

Delgove David

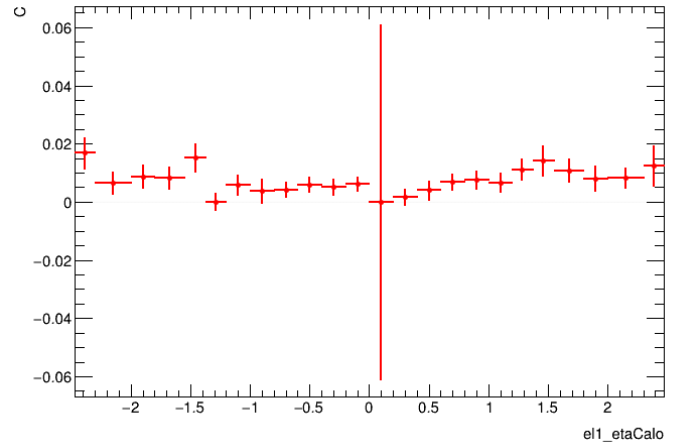
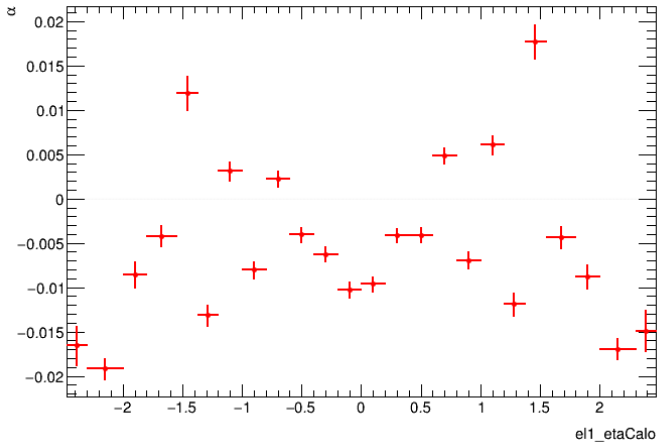
June 11, 2025

Mass Distribution : 20 80000 100000
Template : /eos/home-j/jnewell/W_Mass/E_Cal_v2/run/5TeV/mc_5TeV.root
Events : 2189677
Data : /eos/home-j/jnewell/W_Mass/E_Cal_v2/run/5TeV/data_5TeV.root
Events : 56785
Variable1 : el1_etaCalo
Fit Method : 2
nUseEl : 6
nEventCut : 10
Selection : isNominal

Contents

1 Results

$el1_{\eta}taCalo$	bin	α	$\Delta\alpha$	σ	$\Delta\sigma$
$] - 2.47, -2.3]$	0	-0.0165592	0.0022459	0.0167976	0.00551617
$] - 2.3, -2]$	1	-0.0191464	0.00118592	0.00656015	0.00397405
$] - 2, -1.8]$	2	-0.00857126	0.0014468	0.00878365	0.00397717
$] - 1.8, -1.55]$	3	-0.00420256	0.00121828	0.00815769	0.00379182
$] - 1.55, -1.37]$	4	0.0119048	0.00193646	0.0150966	0.00489223
$] - 1.37, -1.2]$	5	-0.0131335	0.00118823	6.06526e-05	0.00296057
$] - 1.2, -1]$	6	0.00311206	0.00105798	0.00583233	0.00340382
$] - 1, -0.8]$	7	-0.00802593	0.000963381	0.00392973	0.00415353
$] - 0.8, -0.6]$	8	0.00223771	0.000865991	0.00423335	0.00267507
$] - 0.6, -0.4]$	9	-0.00406769	0.000879767	0.00596225	0.00264657
$] - 0.4, -0.2]$	10	-0.00624224	0.000865392	0.00508903	0.0028145
$] - 0.2, 0]$	11	-0.0102385	0.00089416	0.0061238	0.002418
$] 0, 0.2]$	12	-0.00962752	0.000857417	0.000104213	0.0609727
$] 0.2, 0.4]$	13	-0.0041151	0.000841115	0.00163195	0.00275962
$] 0.4, 0.6]$	14	-0.00407268	0.000854801	0.00398644	0.00336253
$] 0.6, 0.8]$	15	0.00481787	0.00092203	0.00695132	0.00264914
$] 0.8, 1]$	16	-0.00693764	0.00097464	0.00745743	0.0030859
$] 1, 1.2]$	17	0.00605395	0.0010429	0.00659568	0.00328611
$] 1.2, 1.37]$	18	-0.0118852	0.00130212	0.0111516	0.0036255
$] 1.37, 1.55]$	19	0.0177178	0.00195502	0.0141017	0.00510645
$] 1.55, 1.8]$	20	-0.00437716	0.00125075	0.010736	0.00397284
$] 1.8, 2]$	21	-0.00877906	0.00136228	0.00810488	0.00447019
$] 2, 2.3]$	22	-0.0169162	0.00118592	0.00816649	0.00341759
$] 2.3, 2.47]$	23	-0.0148876	0.00236021	0.0125048	0.00695049



2 ChiMatrix_0_0

Results

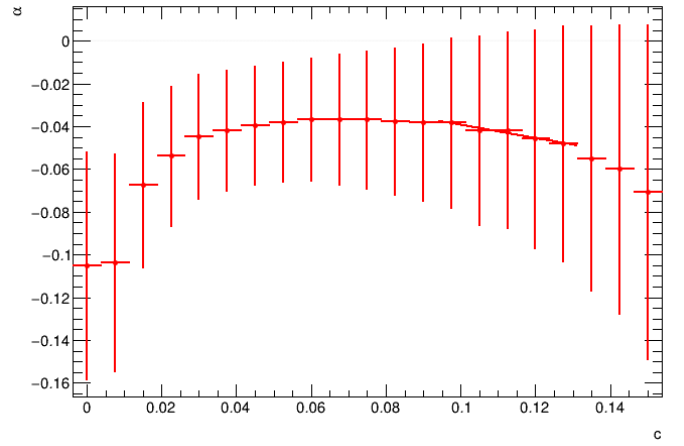
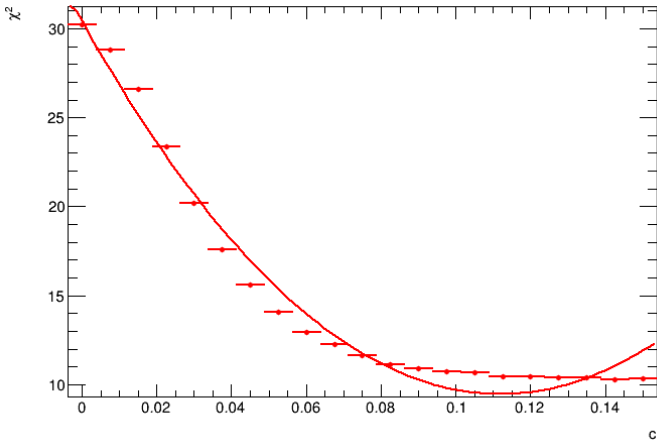
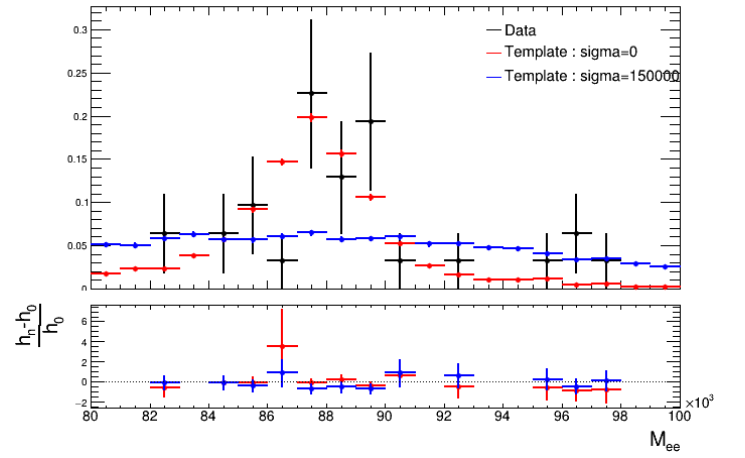
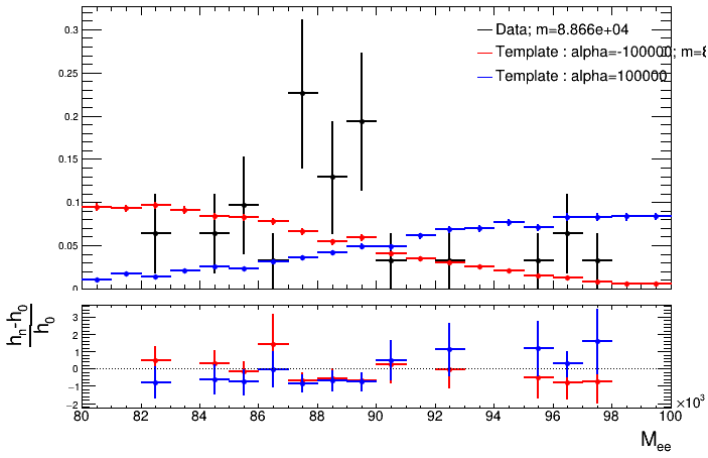
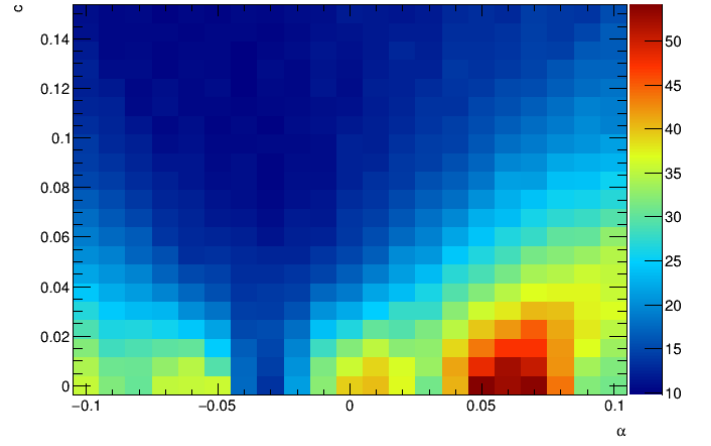
MCEvents : 8682

DataEvents : 37

ThresholdMass : 54

$$\alpha_{ij} = -0.0430038 \pm 0.0460031$$

$$\sigma_{ij} = 0.11198 \pm 0.0244541$$



3 ChiMatrix_1_0

Results

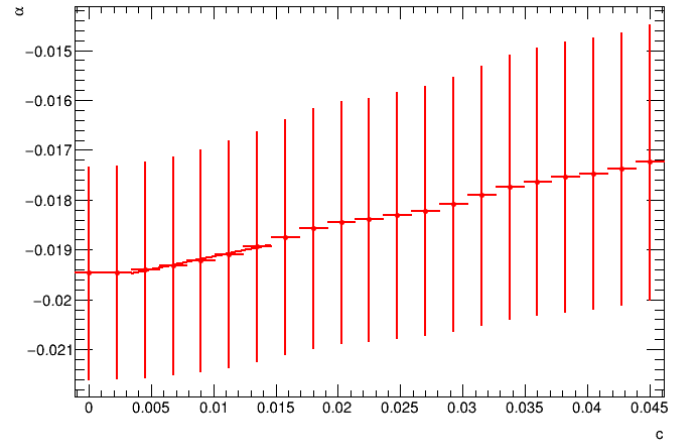
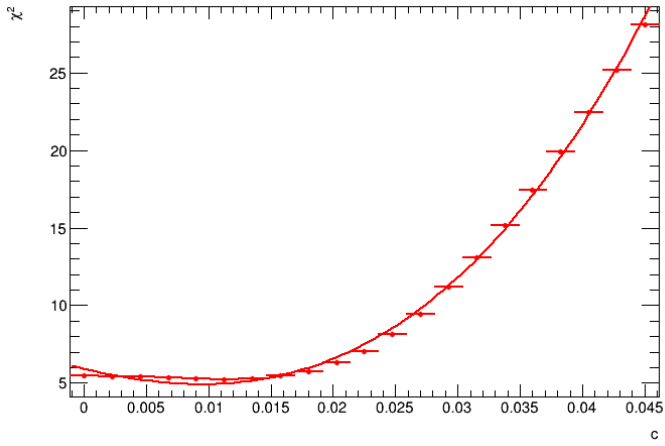
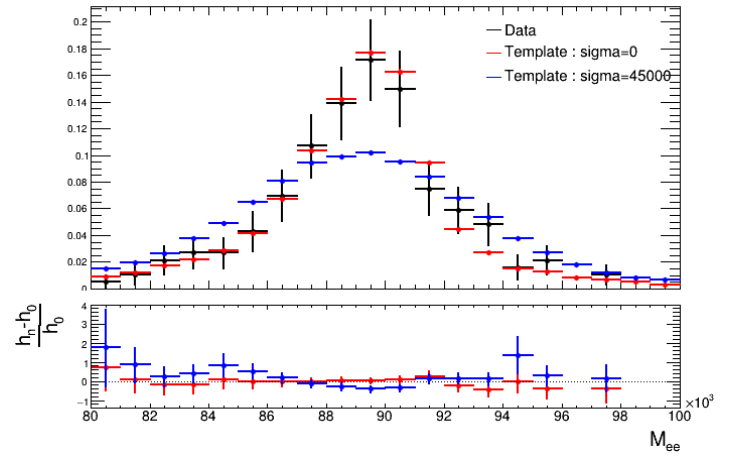
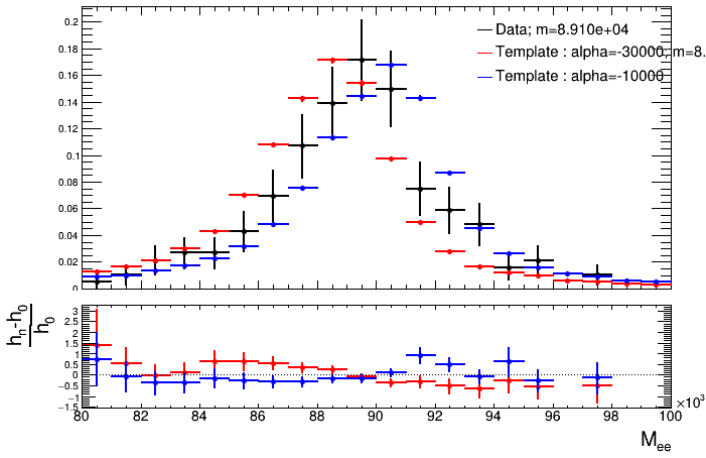
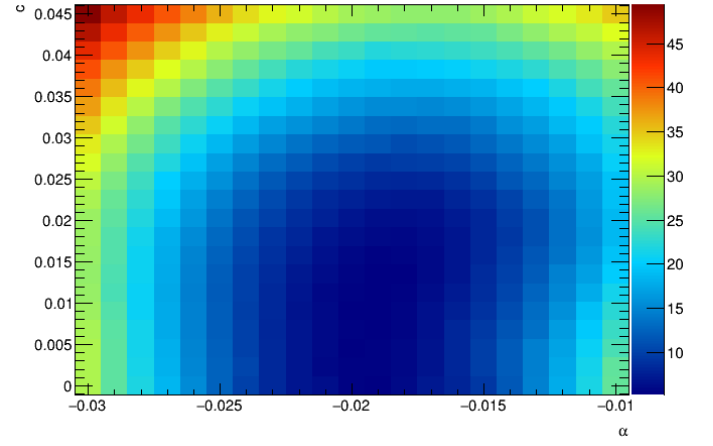
MCEvents : 47436

DataEvents : 214

ThresholdMass : 54.3732

$$\alpha_{ij} = -0.0191706 \pm 0.00222683$$

$$\sigma_{ij} = 0.0094245 \pm 0.00840008$$



4 ChiMatrix_1_1

Results

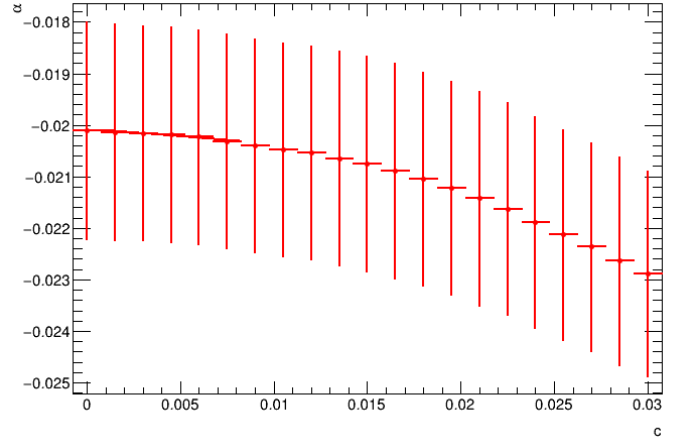
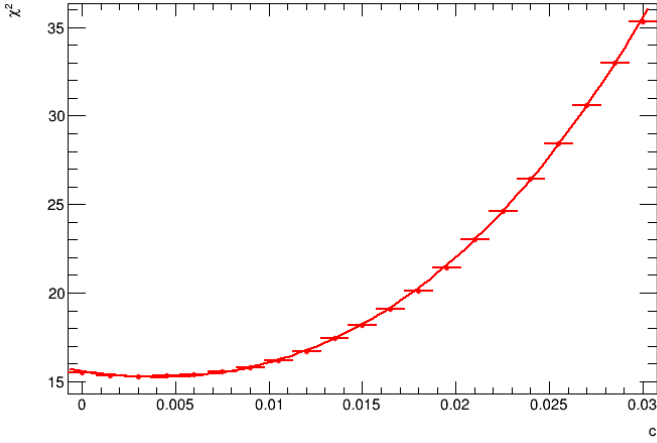
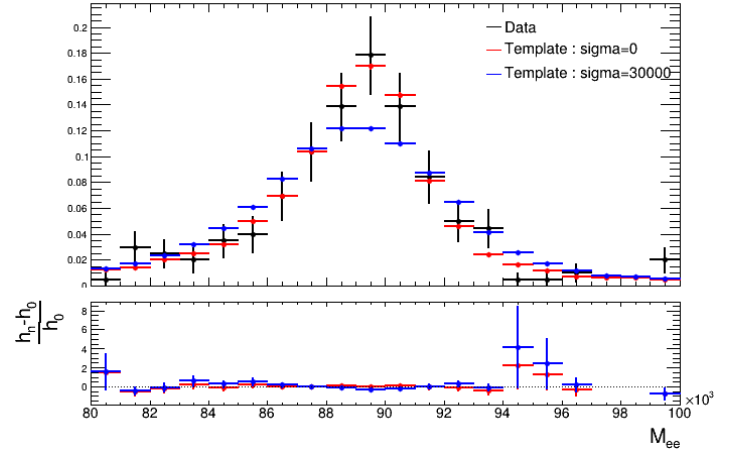
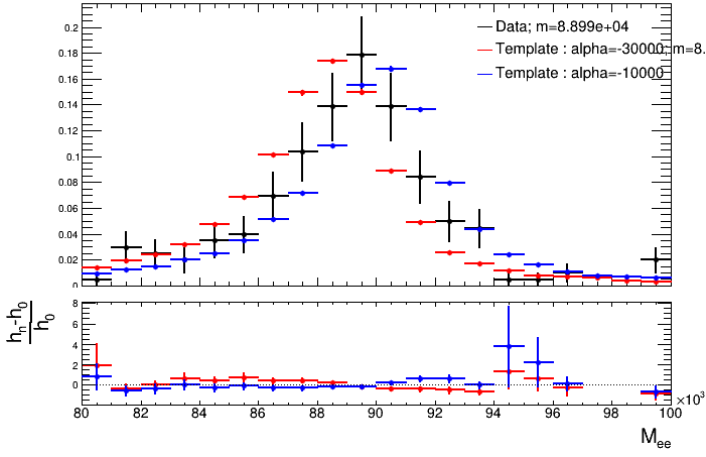
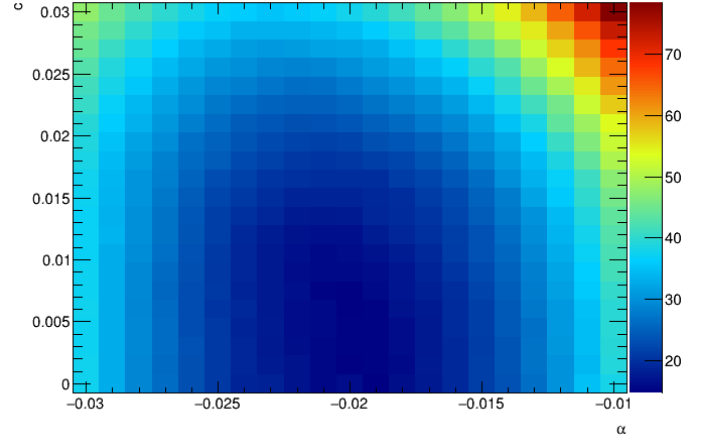
MCEvents : 51522

DataEvents : 223

ThresholdMass : 54

$$\alpha_{ij} = -0.020192 \pm 0.00209341$$

$$\sigma_{ij} = 0.00407731 \pm 0.00655747$$



5 ChiMatrix_2_0

Results

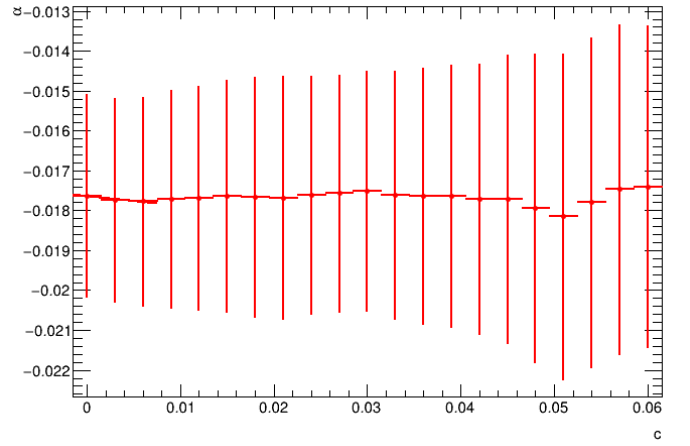
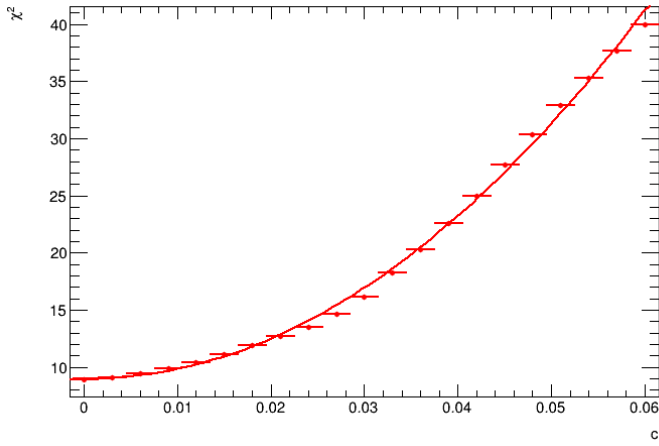
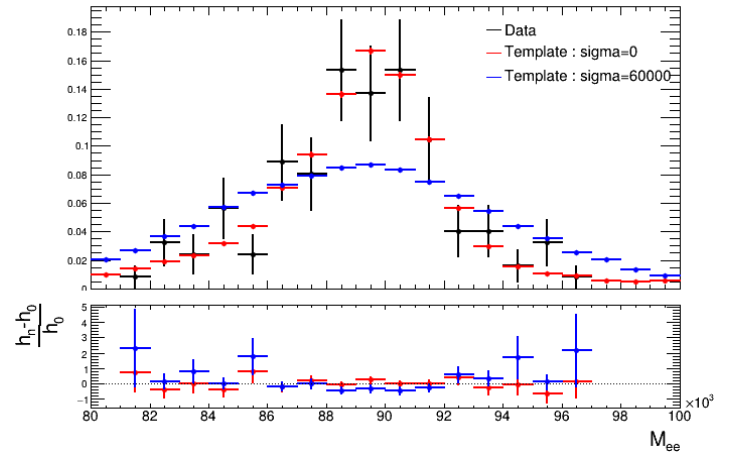
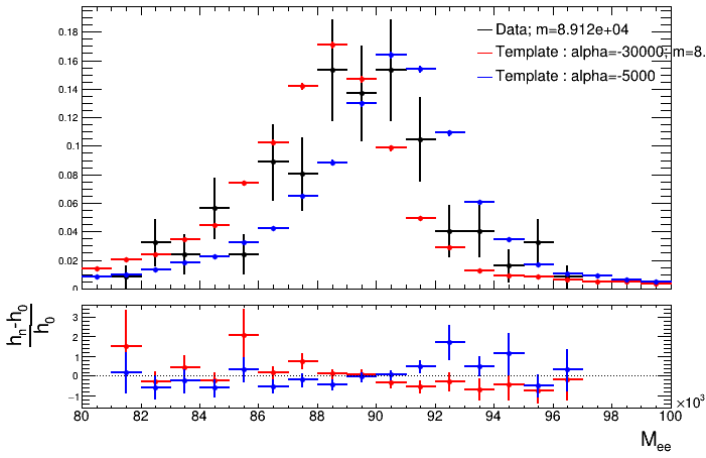
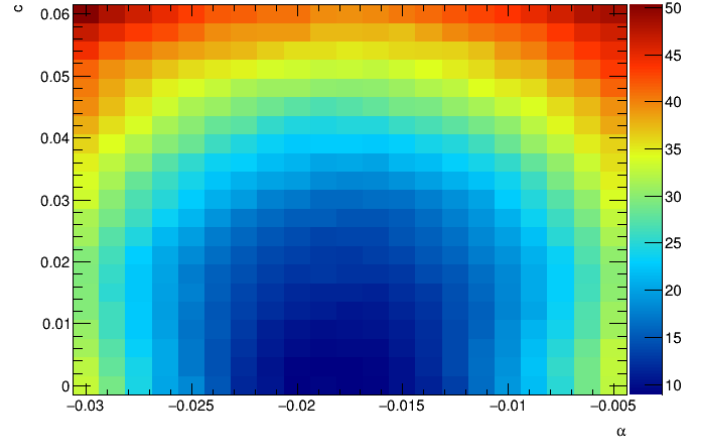
MCEvents : 34380

DataEvents : 136

ThresholdMass : 55.5956

$$\alpha_{ij} = -0.0176533 \pm 0.00253501$$

$$\sigma_{ij} = 0.000534522 \pm 0.0104859$$



6 ChiMatrix_2_1

Results

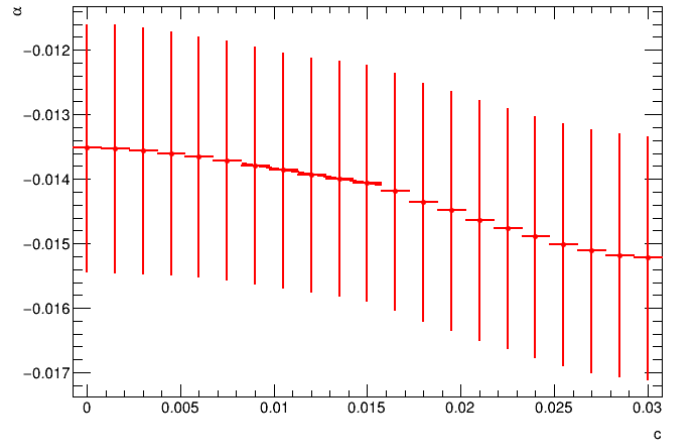
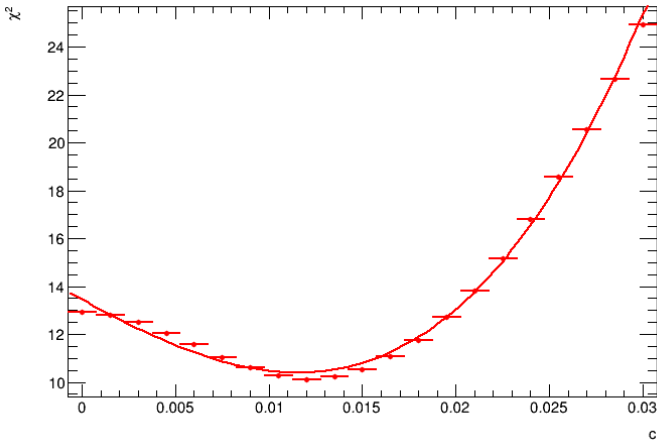
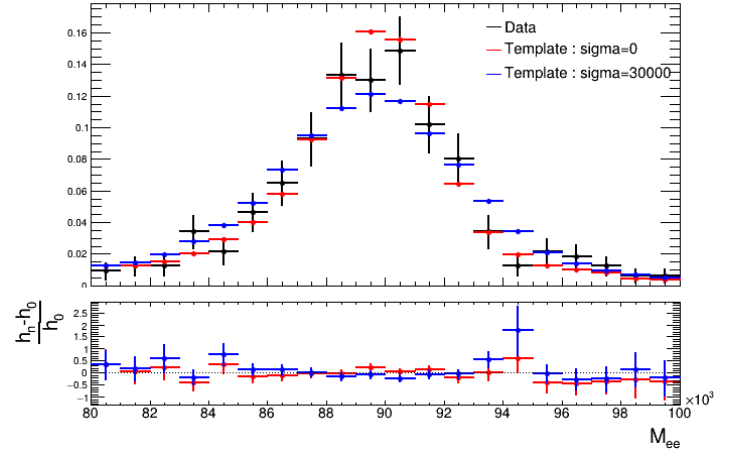
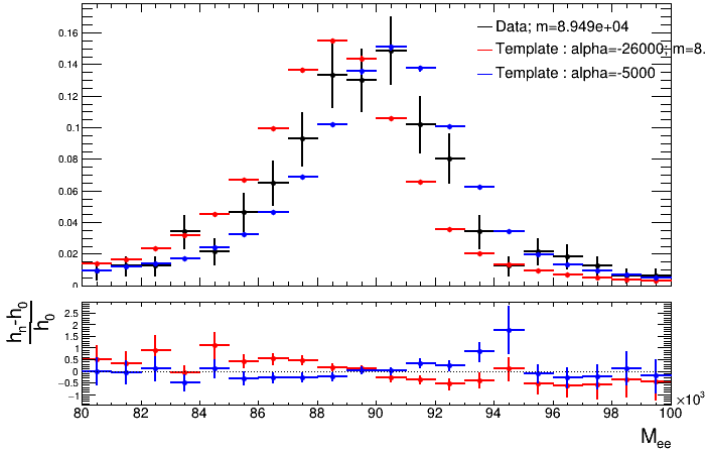
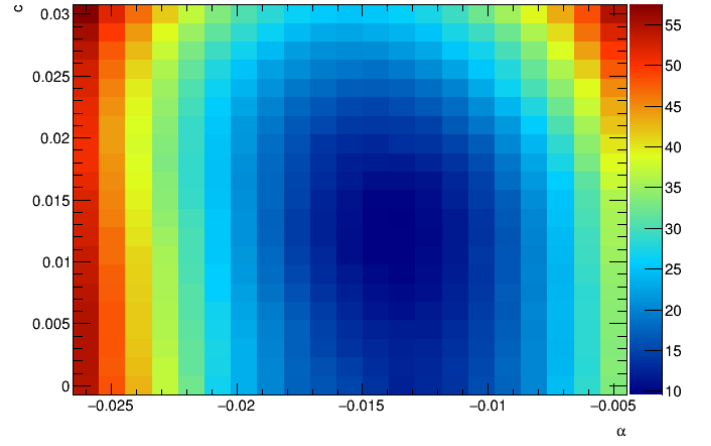
MCEvents : 73566

DataEvents : 364

ThresholdMass : 54.4224

$$\alpha_{ij} = -0.0139078 \pm 0.0018148$$

$$\sigma_{ij} = 0.0115771 \pm 0.00536897$$



7 ChiMatrix_2_2

Results

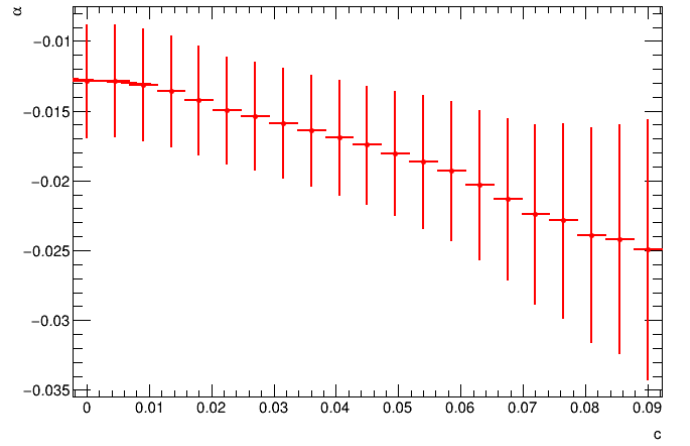
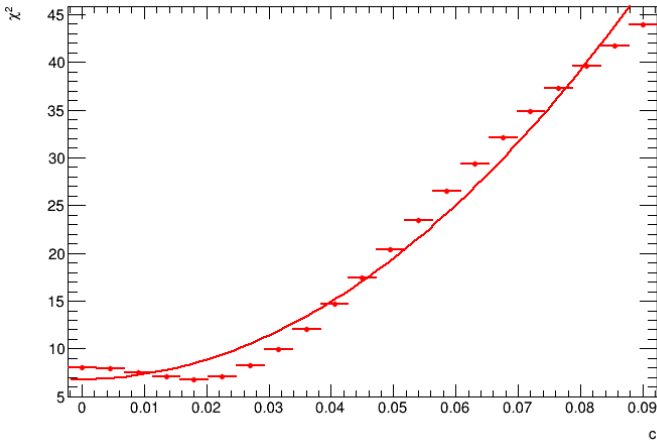
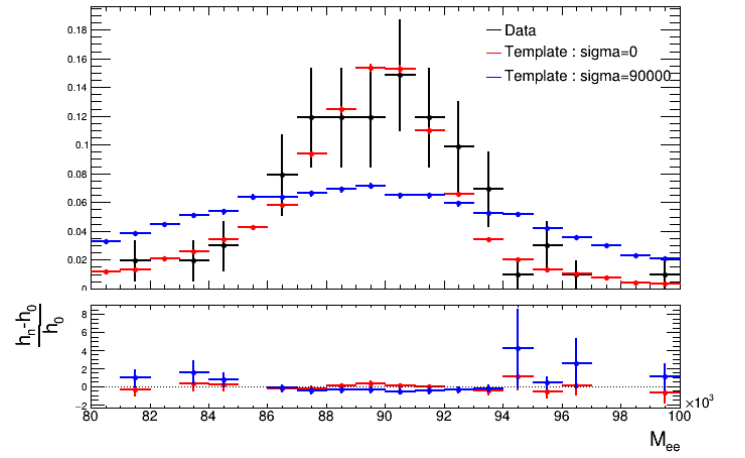
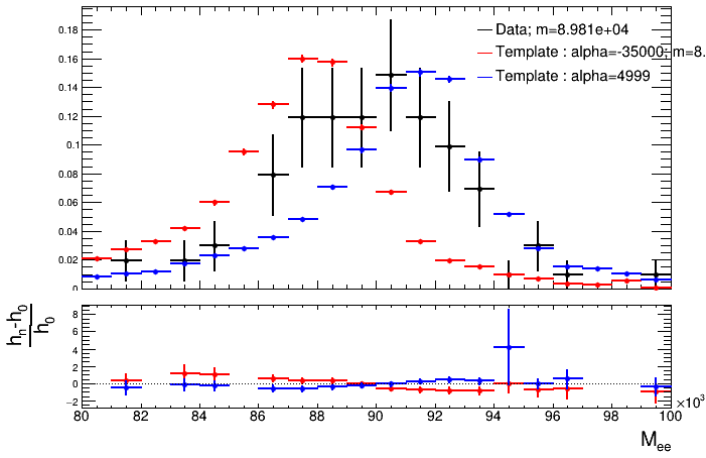
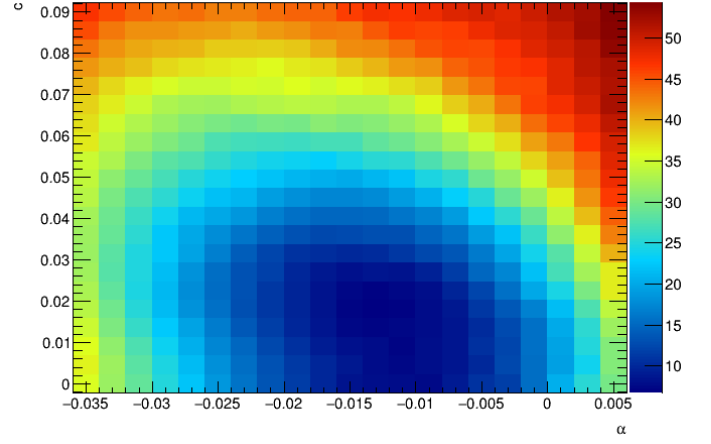
MCEvents : 25956

DataEvents : 115

ThresholdMass : 54

$$\alpha_{ij} = -0.0127974 \pm 0.00404271$$

$$\sigma_{ij} = 3.07254e - 17 \pm 0.0140875$$



8 ChiMatrix_3_0

Results

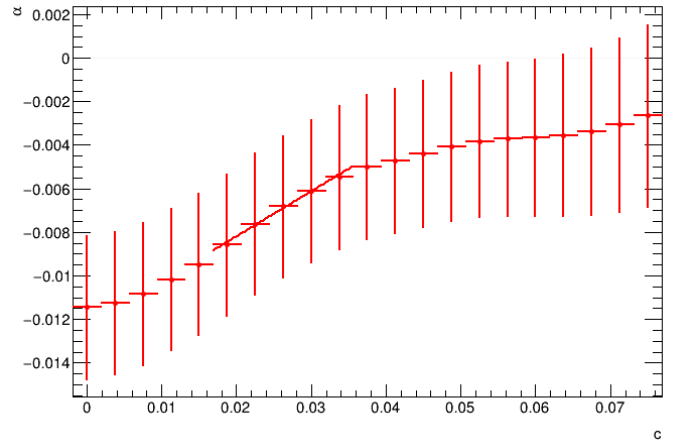
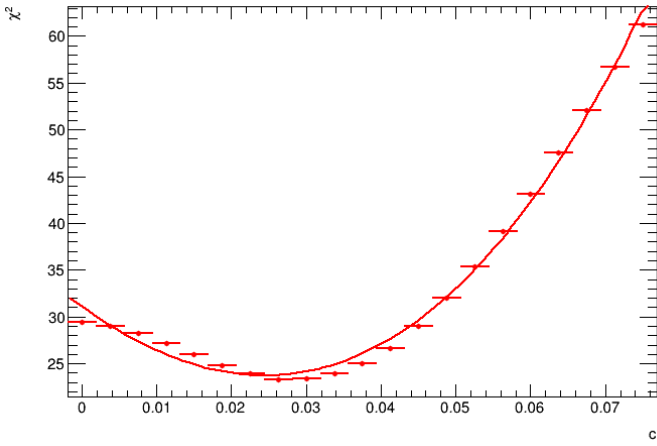
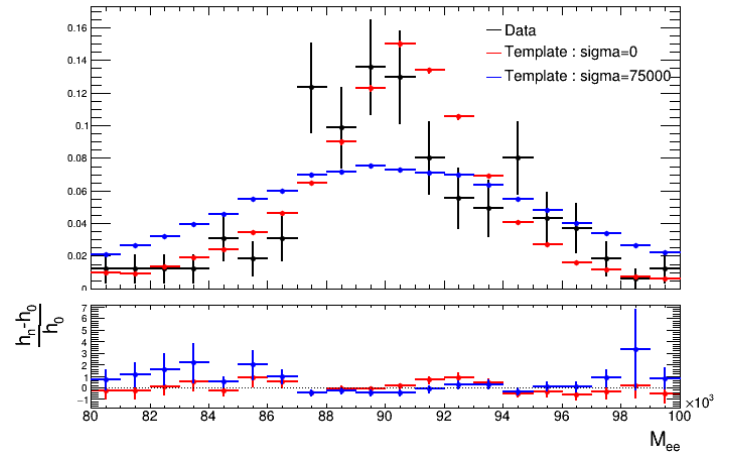
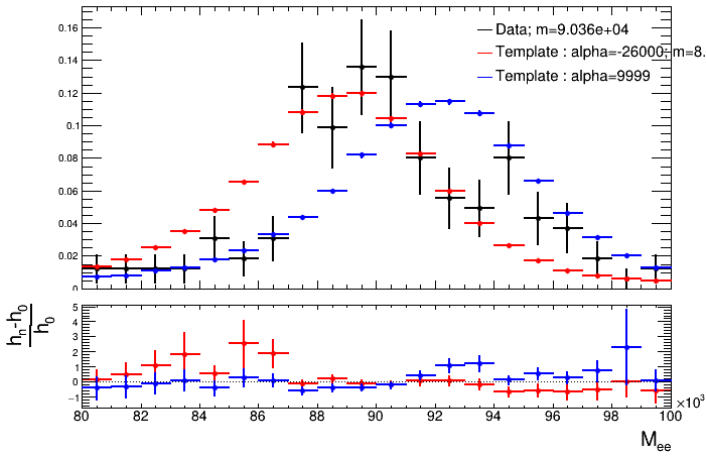
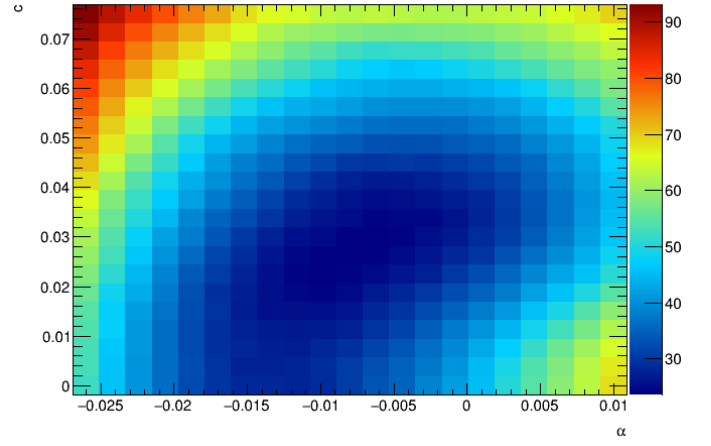
MCEvents : 45612

DataEvents : 185

ThresholdMass : 57.4386

$$\alpha_{ij} = -0.00727044 \pm 0.00325921$$

$$\sigma_{ij} = 0.0245484 \pm 0.00857844$$



9 ChiMatrix_3_1

Results

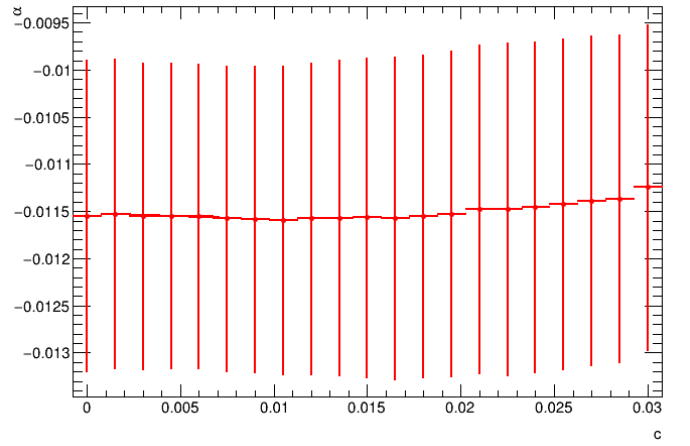
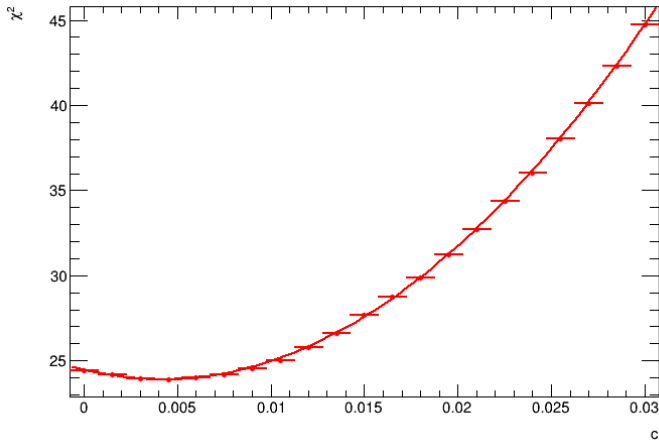
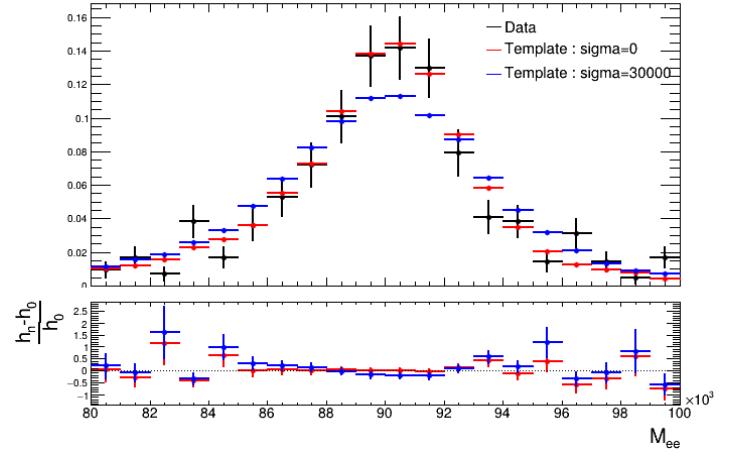
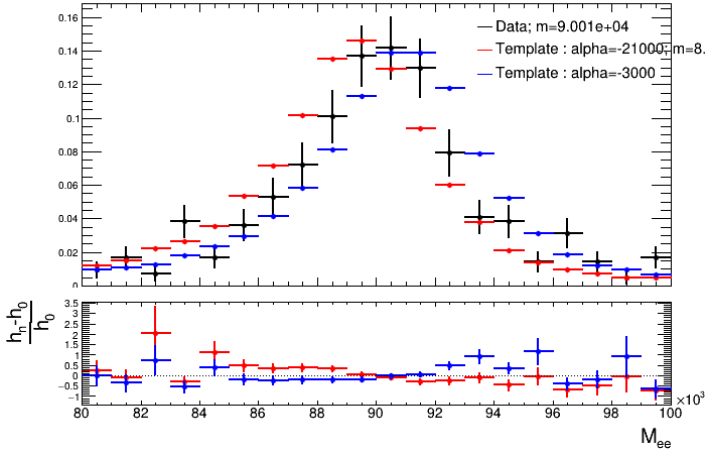
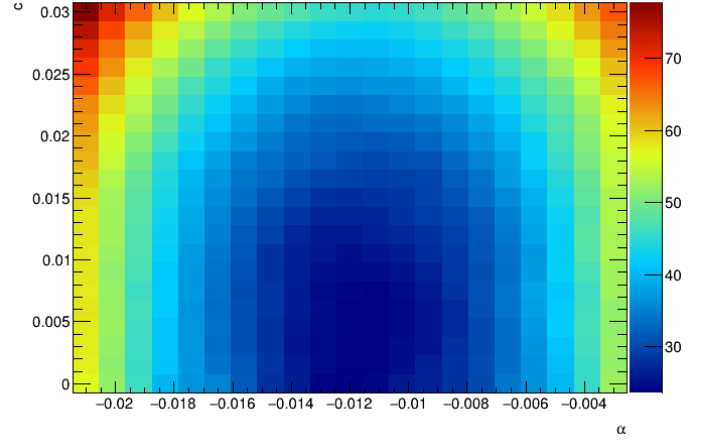
MCEvents : 99534

DataEvents : 465

ThresholdMass : 55.5301

$$\alpha_{ij} = -0.0115483 \pm 0.0016168$$

$$\sigma_{ij} = 0.00419524 \pm 0.0056565$$



10 ChiMatrix_3_2

Results

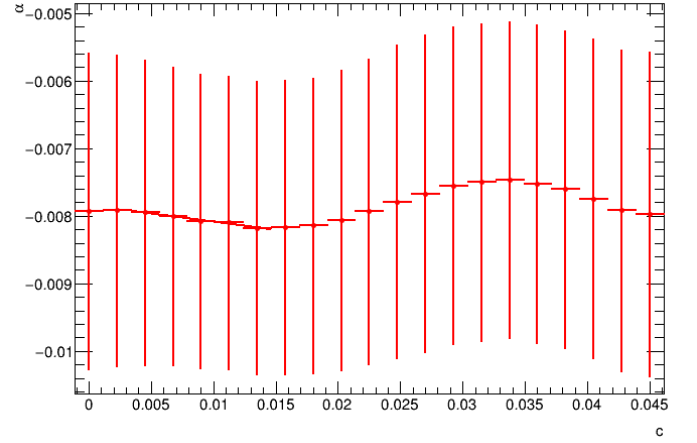
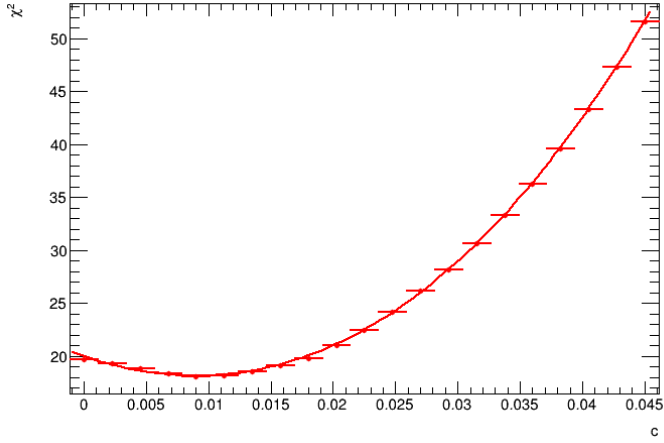
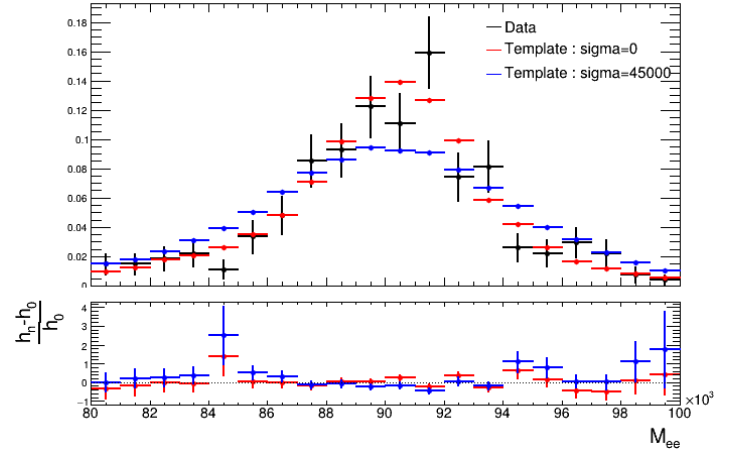
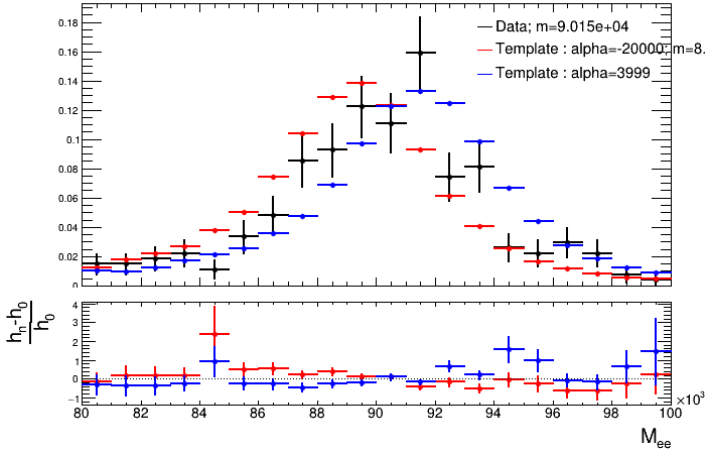
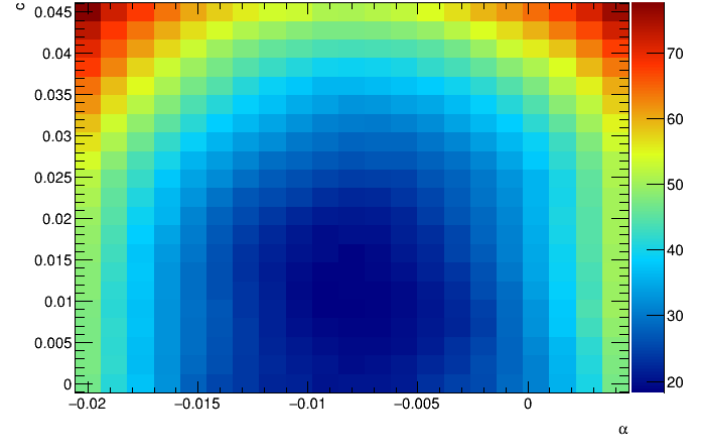
MCEvents : 68292

DataEvents : 312

ThresholdMass : 54.3421

$$\alpha_{ij} = -0.00806283 \pm 0.00218052$$

$$\sigma_{ij} = 0.0090834 \pm 0.00655191$$



11 ChiMatrix_3_3

Results

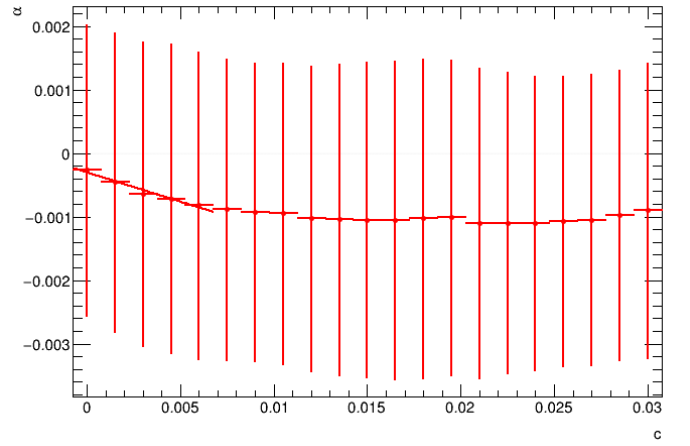
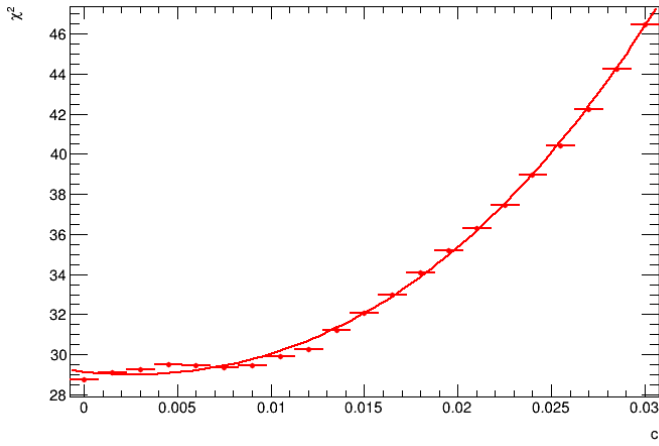
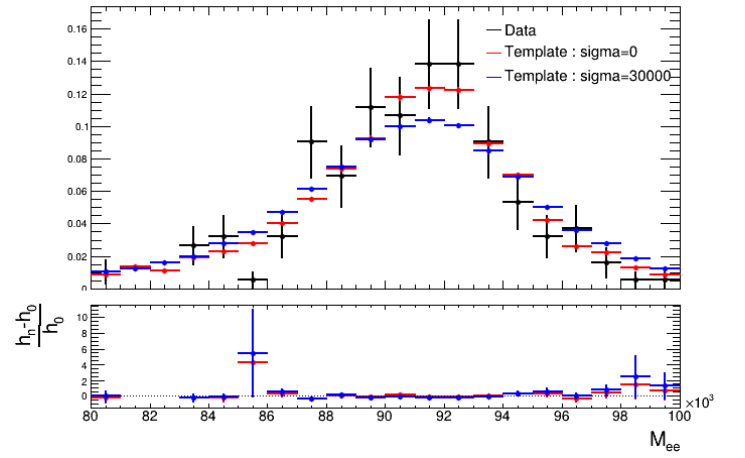
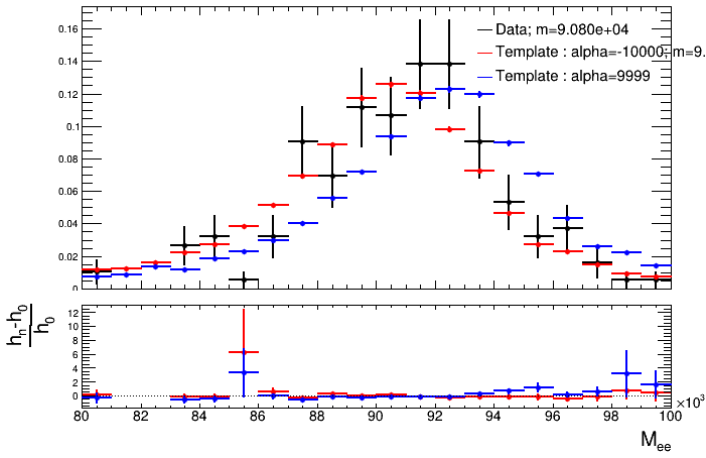
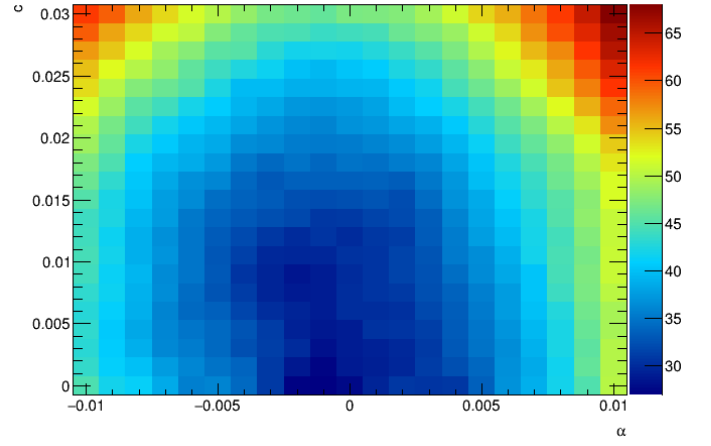
MCEvents : 47388

DataEvents : 218

ThresholdMass : 54

$$\alpha_{ij} = -0.000551799 \pm 0.00240341$$

$$\sigma_{ij} = 0.00268701 \pm 0.00726925$$



12 ChiMatrix_4_0

Results

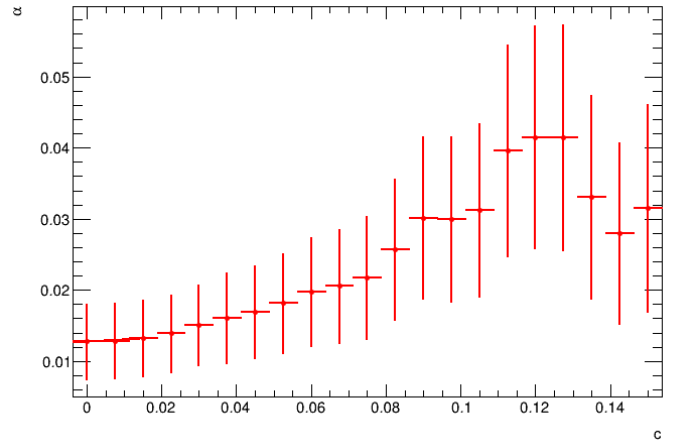
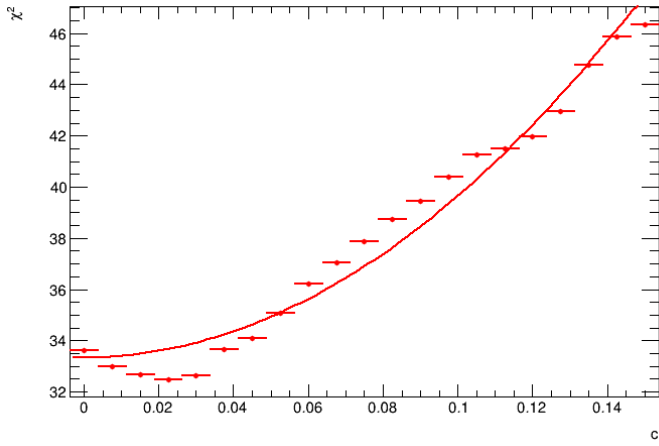
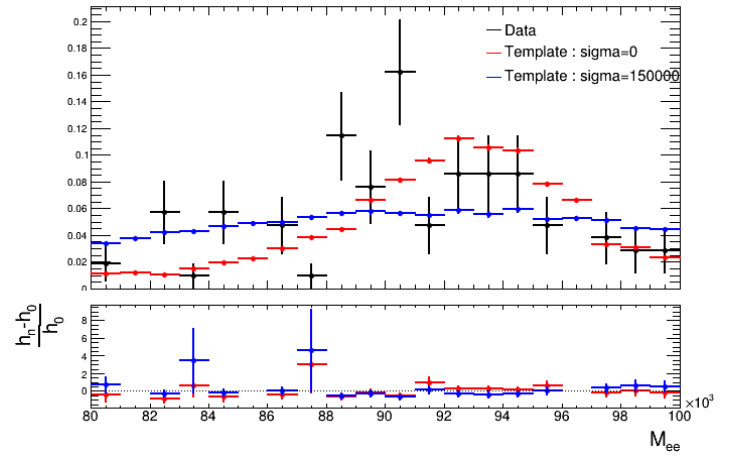
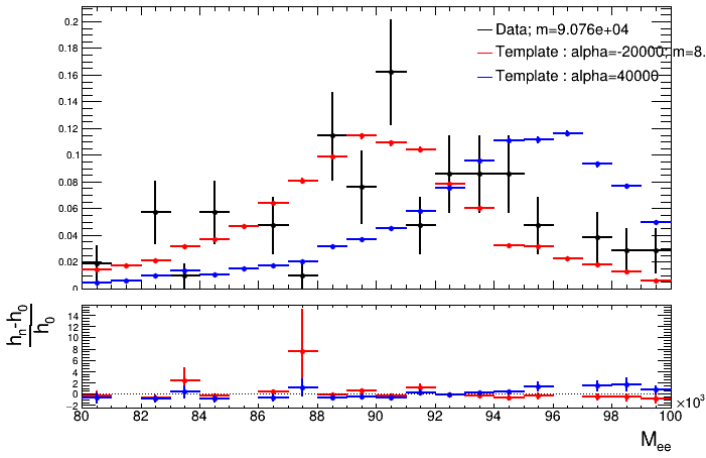
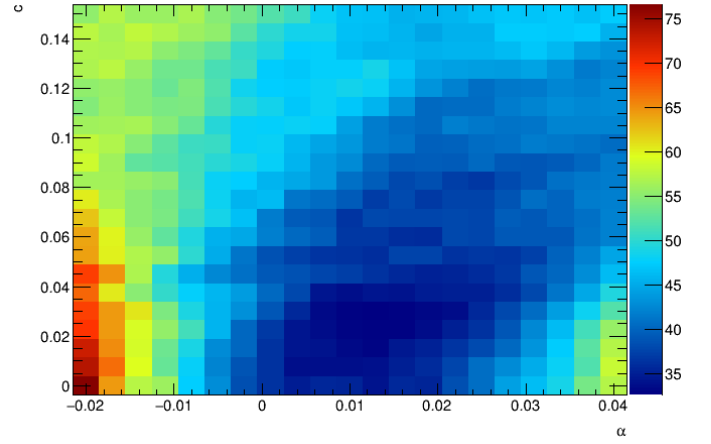
MCEvents : 31938

DataEvents : 115

ThresholdMass : 59.8792

$$\alpha_{ij} = 0.0128491 \pm 0.00529496$$

$$\sigma_{ij} = 0 \pm 0.0398264$$



13 ChiMatrix_4_1

Results

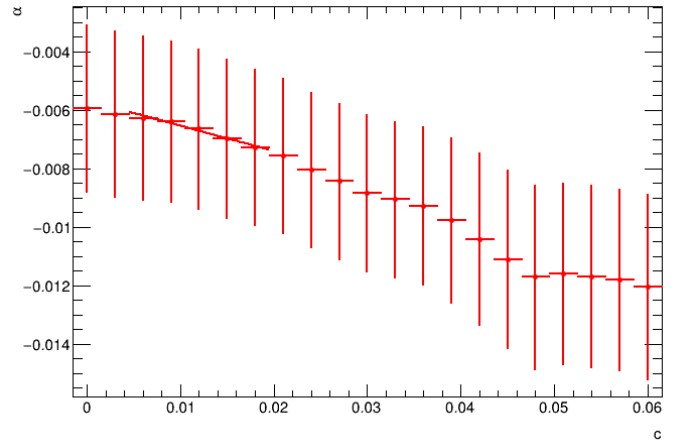
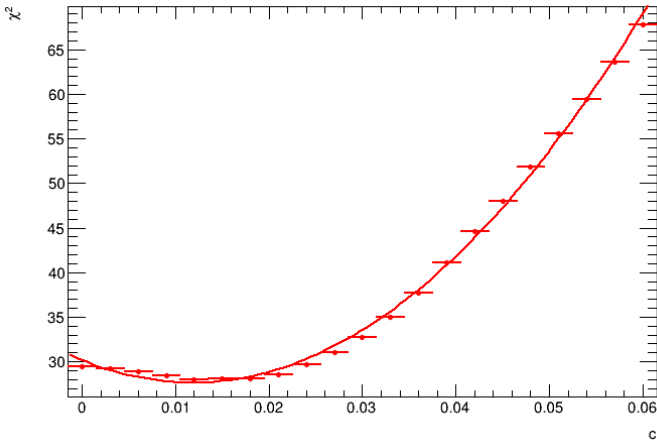
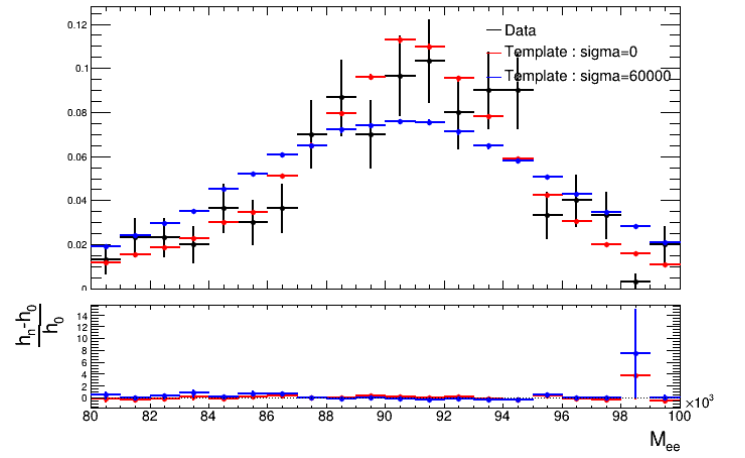
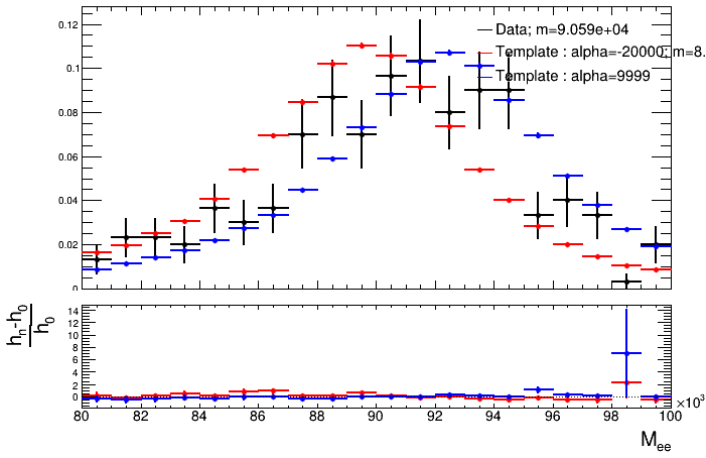
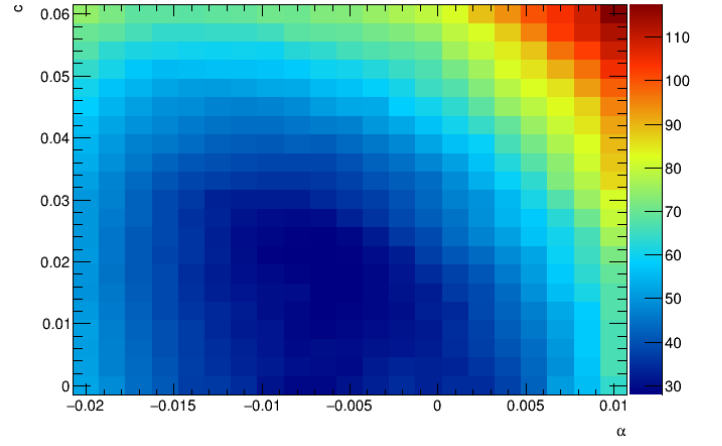
MCEvents : 71082

DataEvents : 349

ThresholdMass : 57.2457

$$\alpha_{ij} = -0.00670834 \pm 0.00274413$$

$$\sigma_{ij} = 0.0118874 \pm 0.00747944$$



14 ChiMatrix_4_2

Results

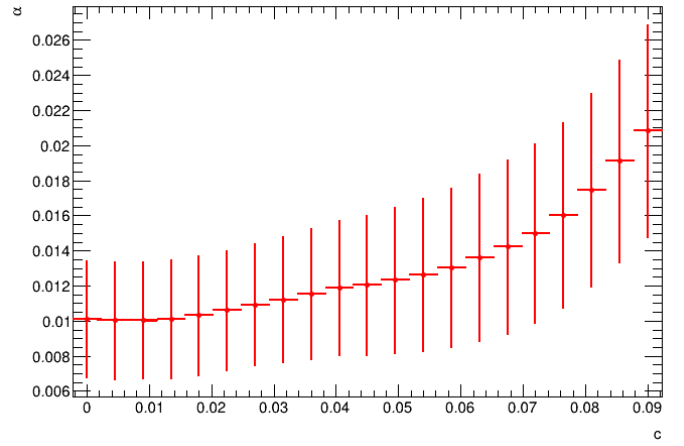
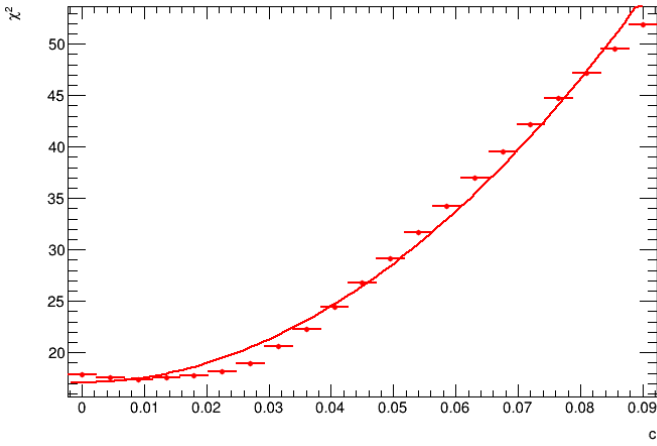
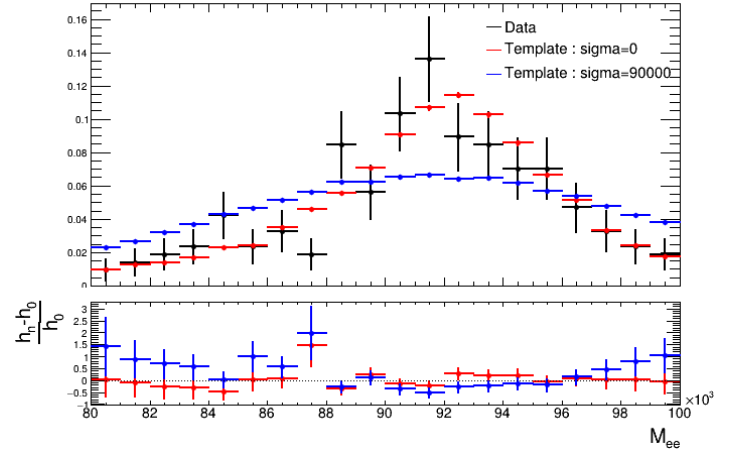
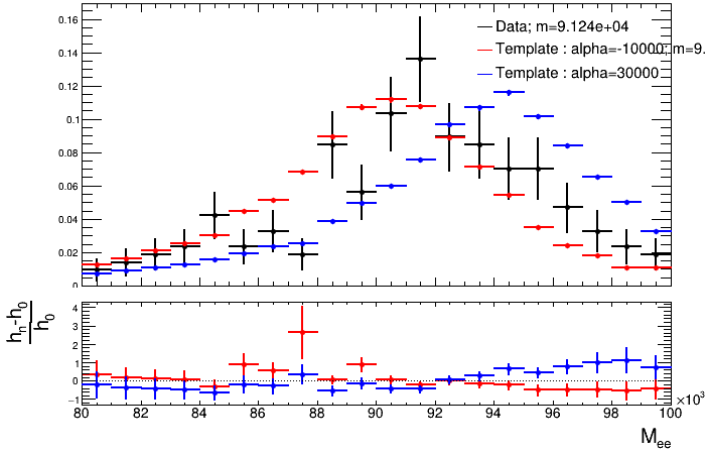
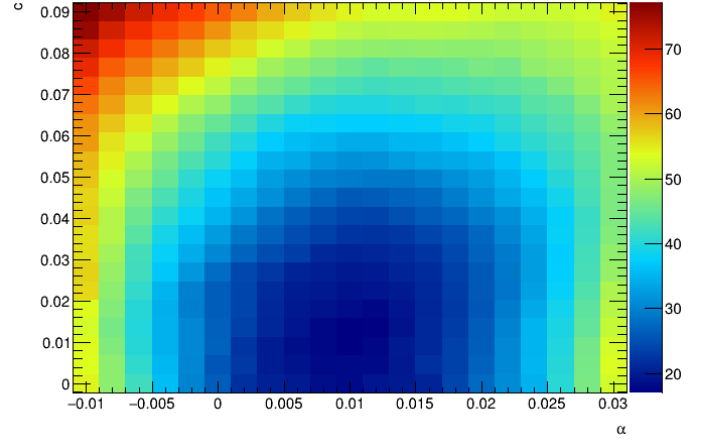
MCEvents : 50976

DataEvents : 250

ThresholdMass : 55.3121

$$\alpha_{ij} = 0.0100914 \pm 0.0033472$$

$$\sigma_{ij} = 5.1209e - 18 \pm 0.0147406$$



15 ChiMatrix_4_3

Results

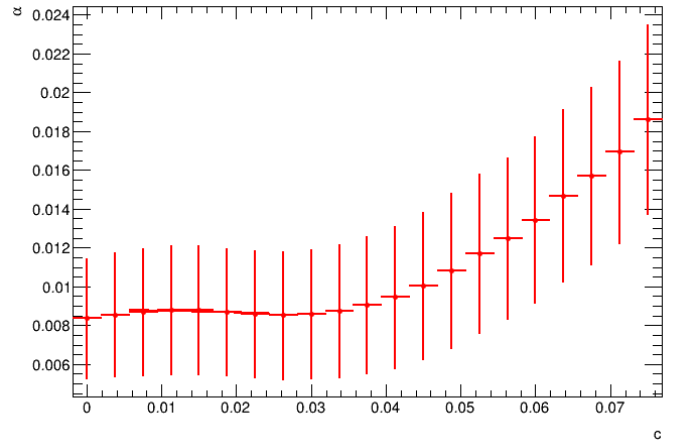
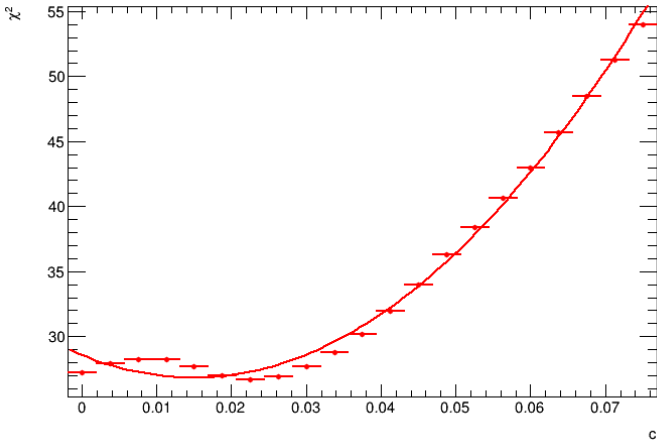
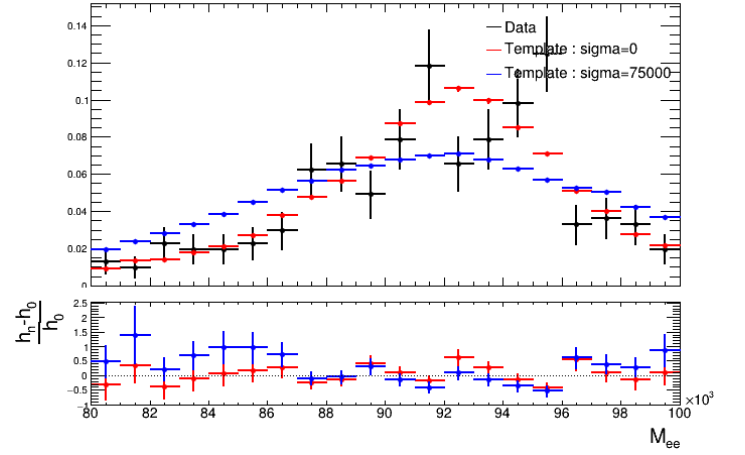
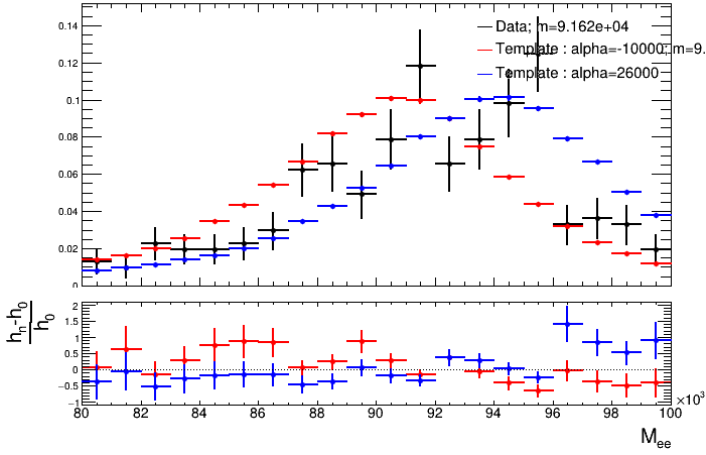
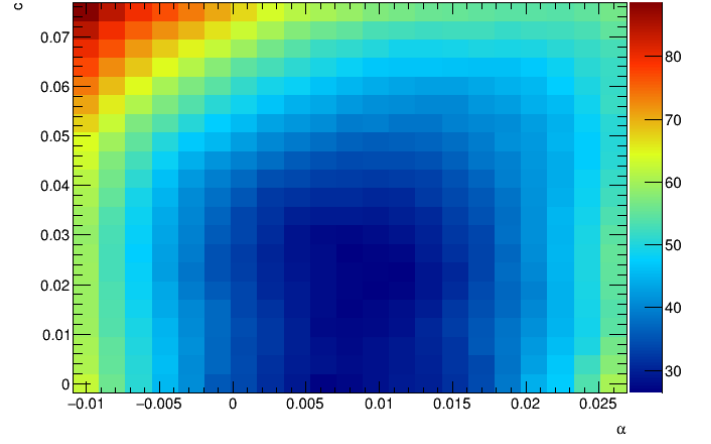
MCEvents : 68268

DataEvents : 358

ThresholdMass : 54.3123

$$\alpha_{ij} = 0.00871127 \pm 0.00332469$$

$$\sigma_{ij} = 0.0149652 \pm 0.0113436$$



16 ChiMatrix_4_4

Results

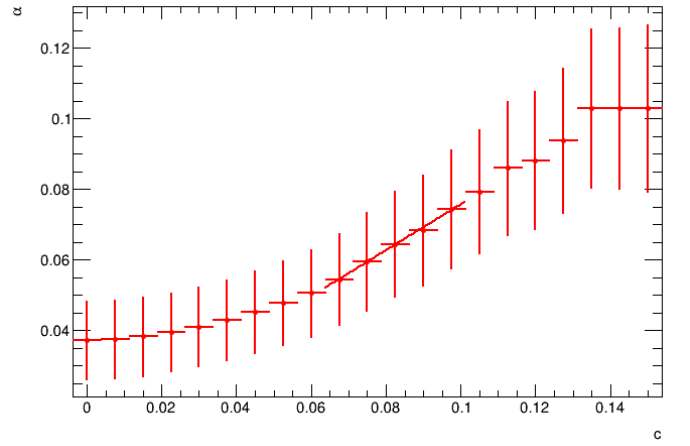
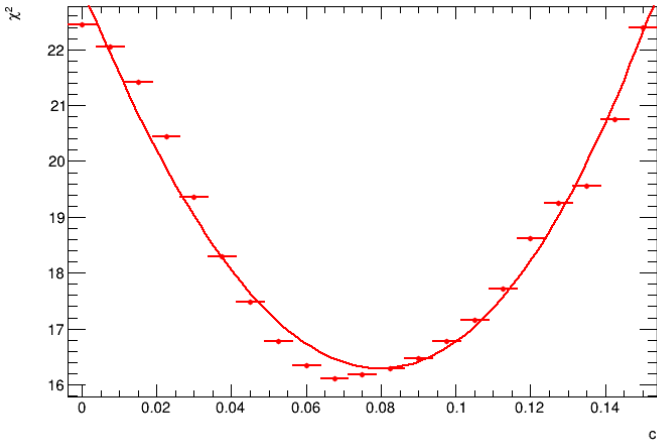
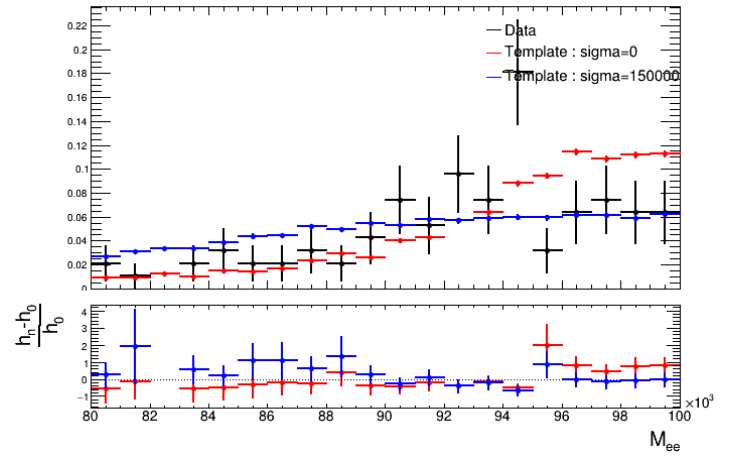
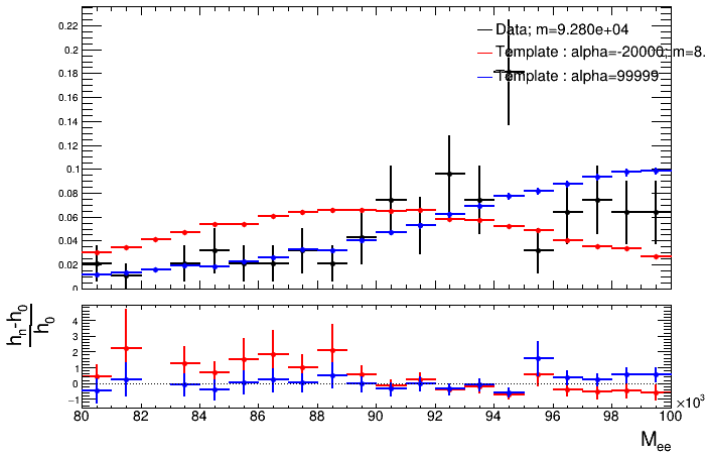
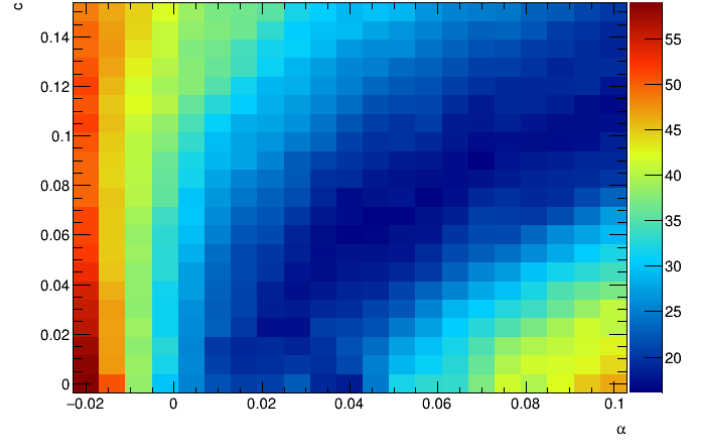
MCEvents : 24858

DataEvents : 120

ThresholdMass : 54

$$\alpha_{ij} = 0.0625348 \pm 0.014967$$

$$\sigma_{ij} = 0.0798226 \pm 0.0291125$$



17 ChiMatrix_5_0

Results

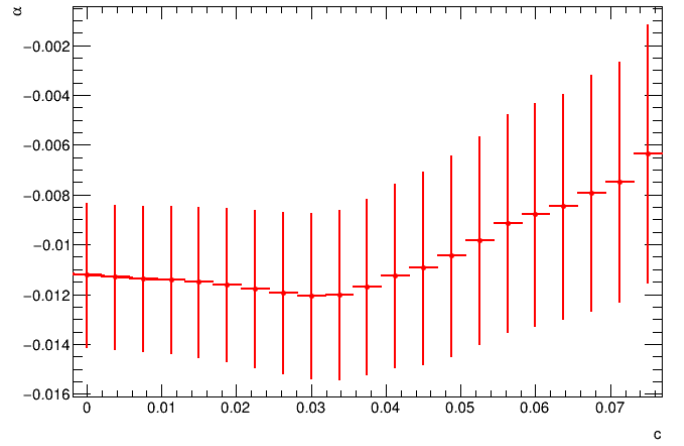
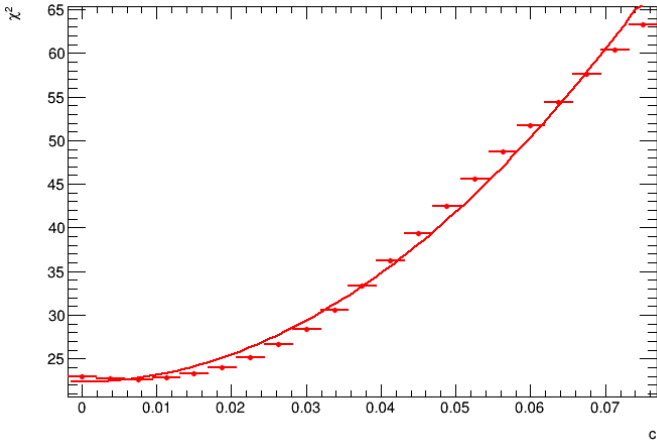
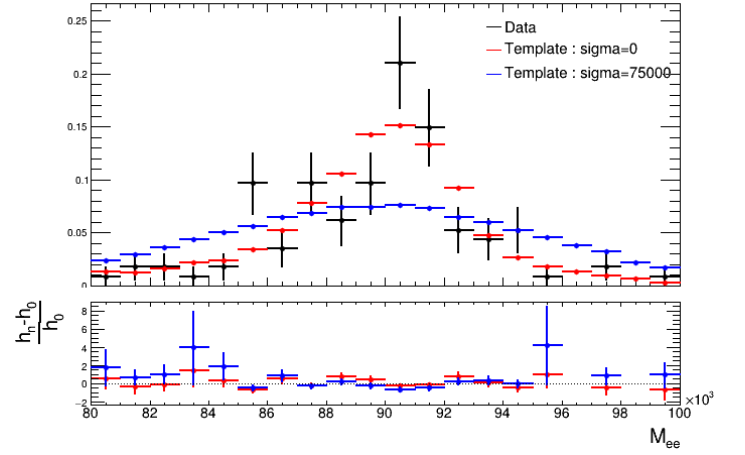
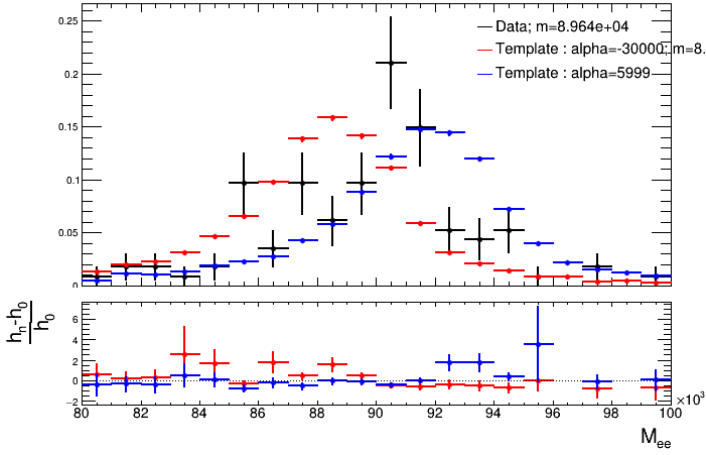
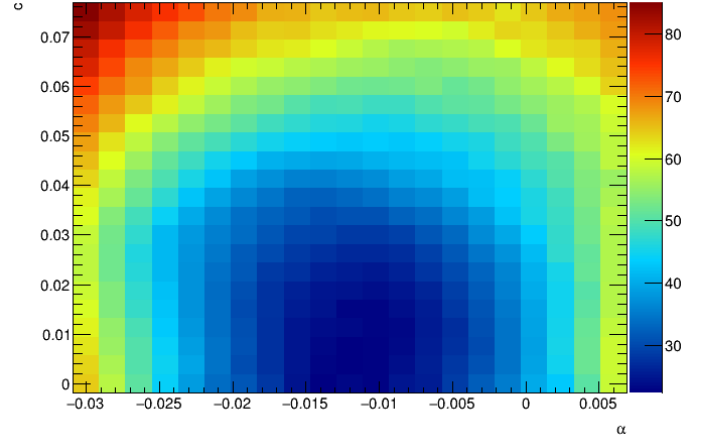
MCEvents : 29916

DataEvents : 123

ThresholdMass : 62.3755

$$\alpha_{ij} = -0.0112582 \pm 0.00290898$$

$$\sigma_{ij} = 0 \pm 0.0113454$$



18 ChiMatrix_5_1

Results

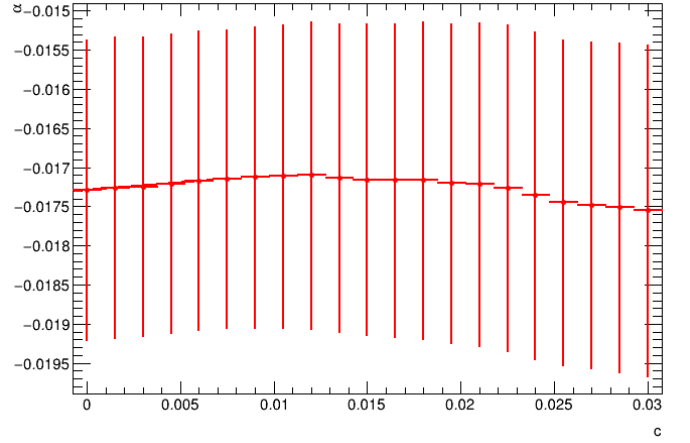
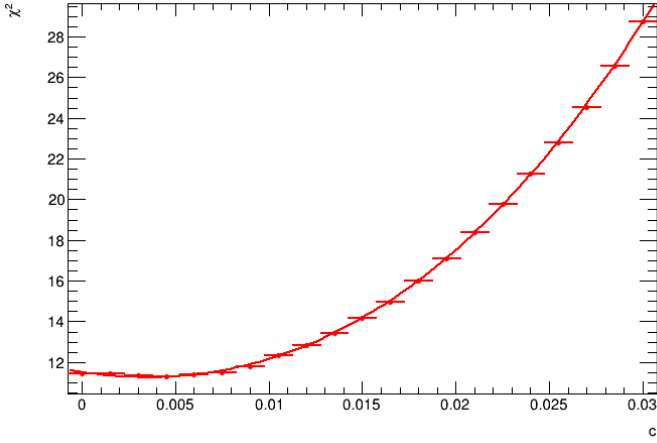
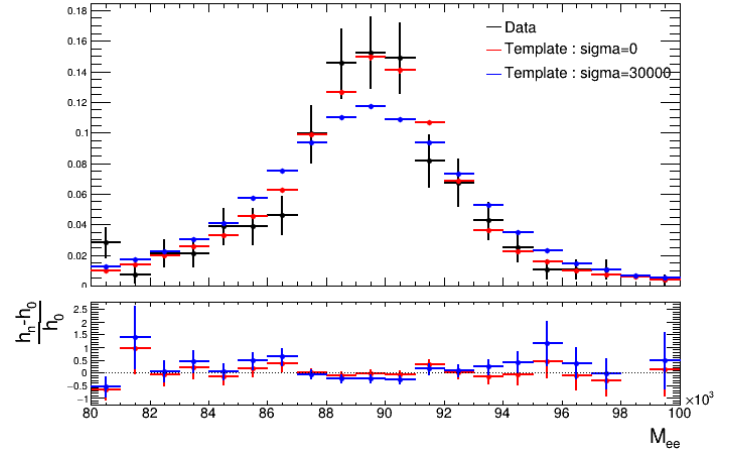
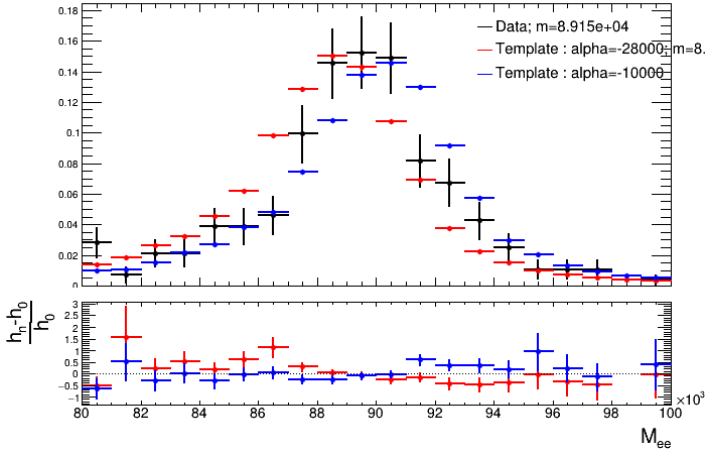
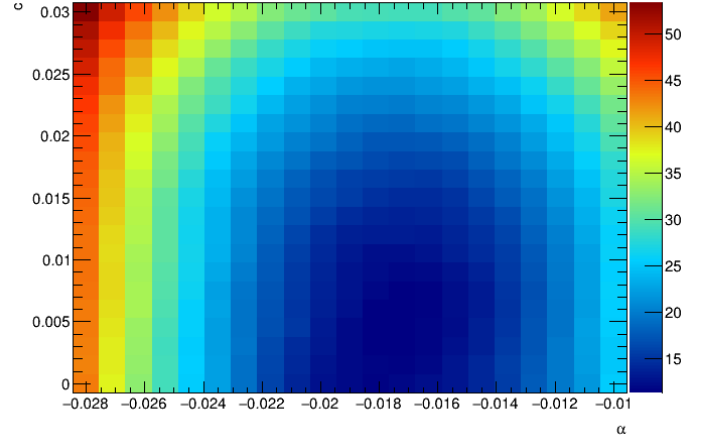
MCEvents : 68628

DataEvents : 312

ThresholdMass : 59.1297

$$\alpha_{ij} = -0.0172228 \pm 0.00191581$$

$$\sigma_{ij} = 0.00355481 \pm 0.00685855$$



19 ChiMatrix_5_2

Results

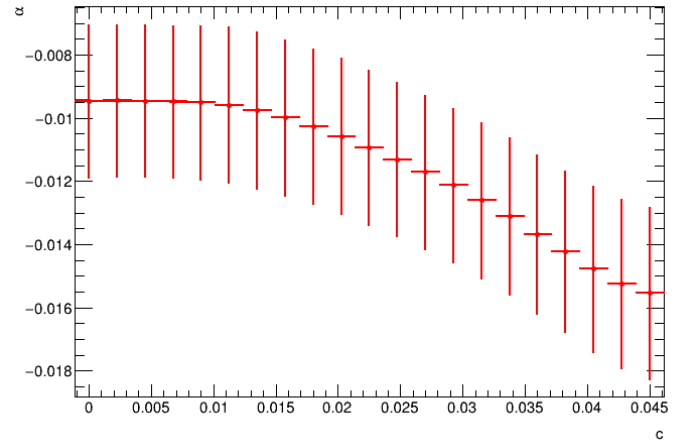
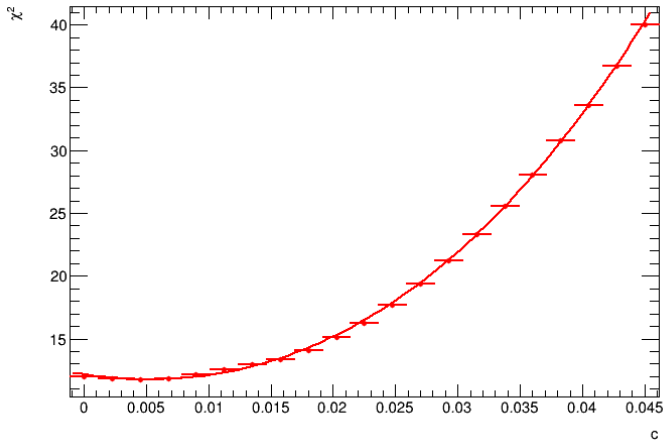
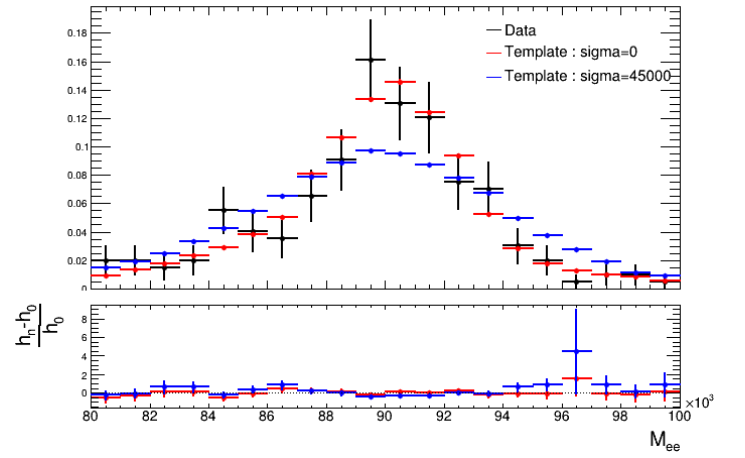
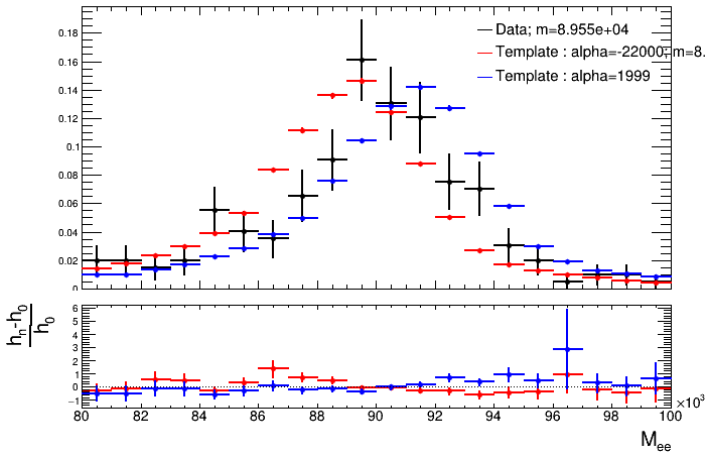
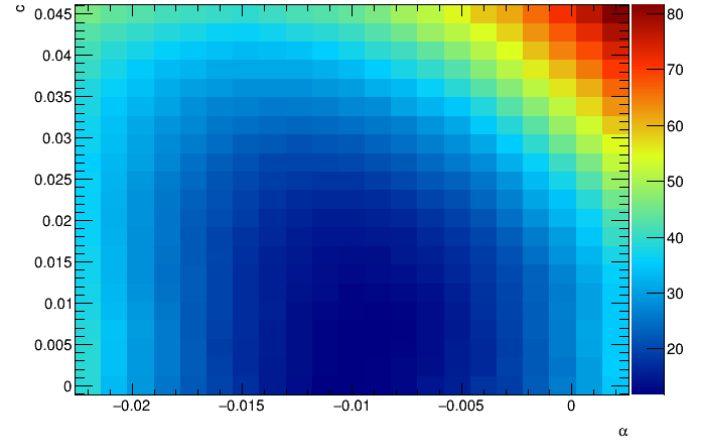
MCEvents : 49818

DataEvents : 229

ThresholdMass : 56.5732

$$\alpha_{ij} = -0.00948023 \pm 0.00240335$$

$$\sigma_{ij} = 0.0052435 \pm 0.00821922$$



20 ChiMatrix_5_3

Results

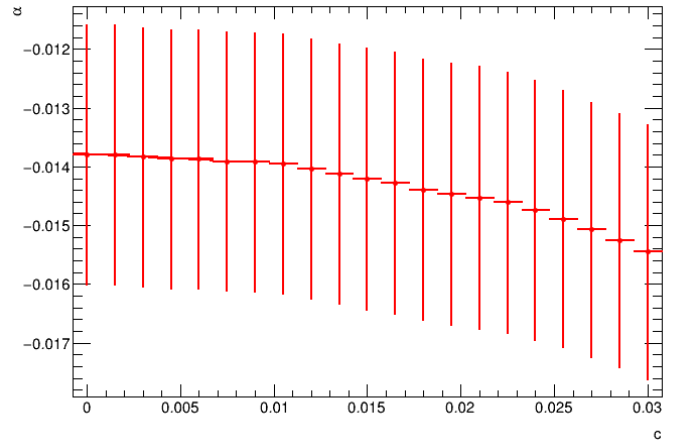
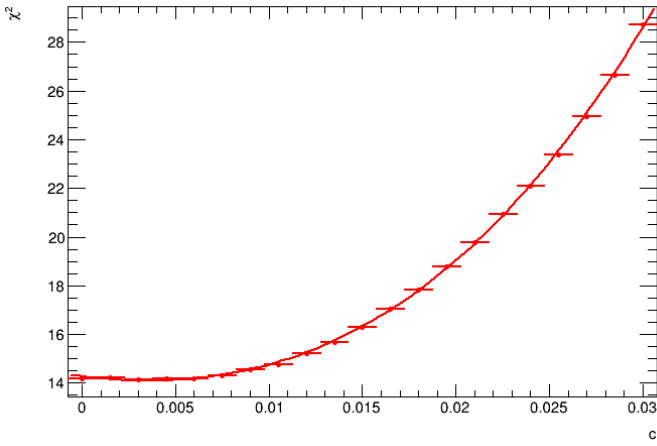
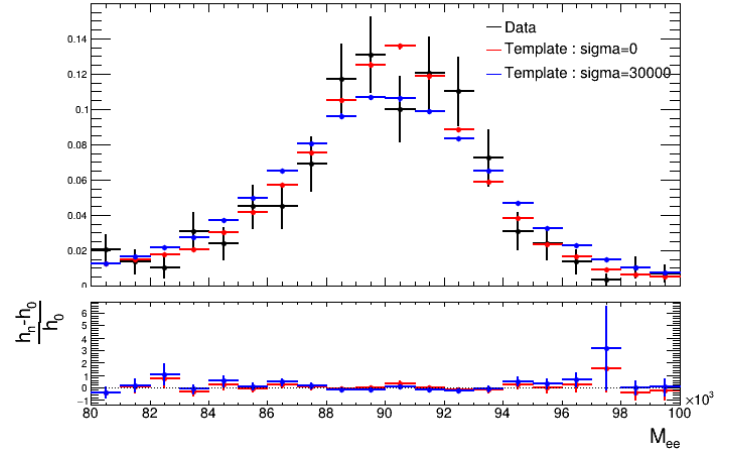
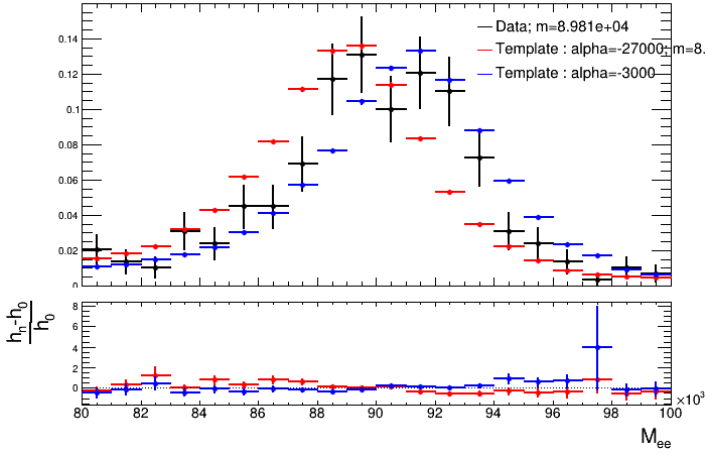
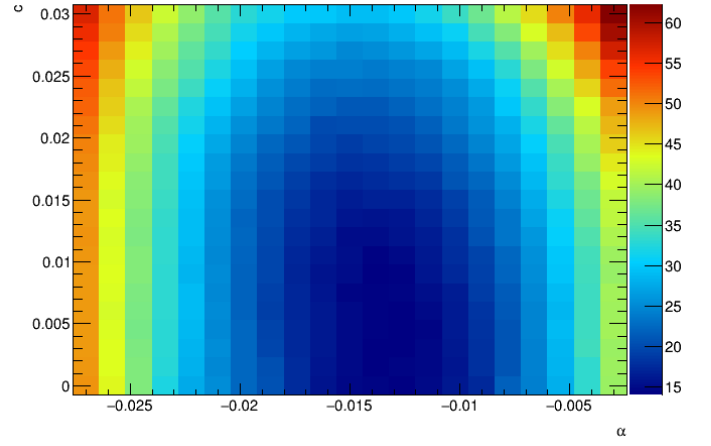
MCEvents : 65916

DataEvents : 325

ThresholdMass : 55.0299

$$\alpha_{ij} = -0.0138435 \pm 0.00220893$$

$$\sigma_{ij} = 0.00358655 \pm 0.00788509$$



21 ChiMatrix_5_4

Results

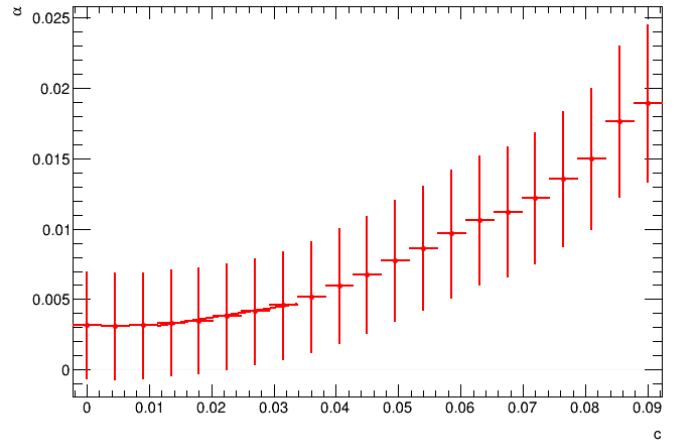
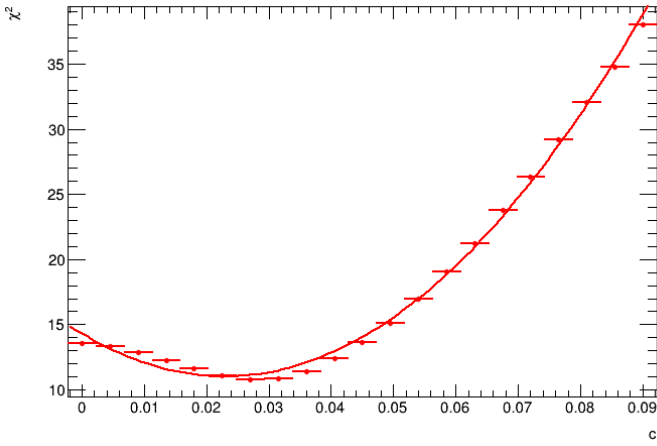
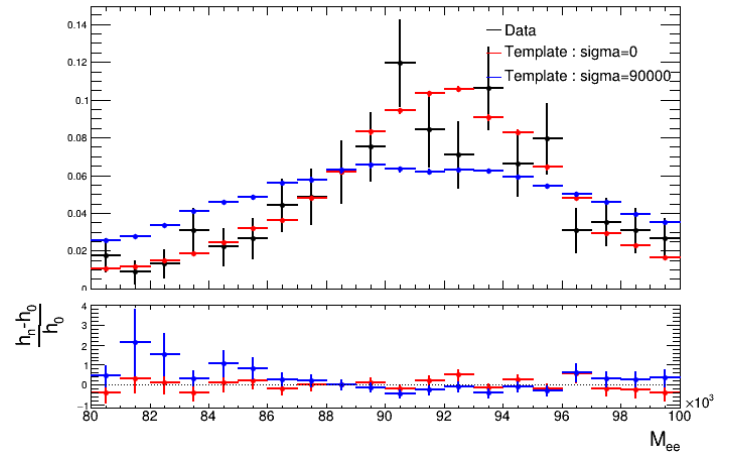
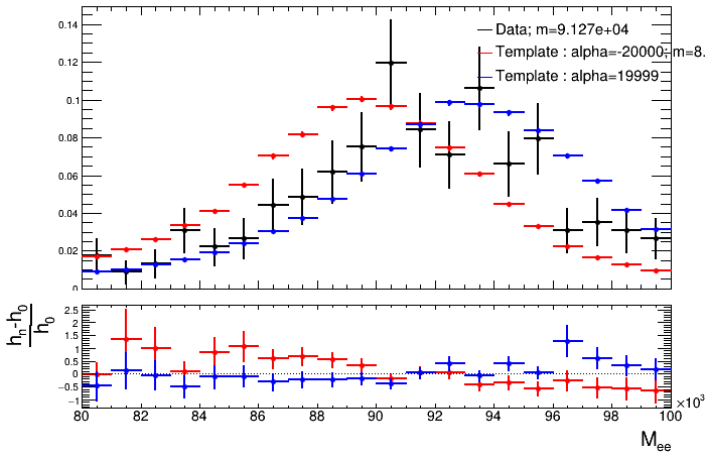
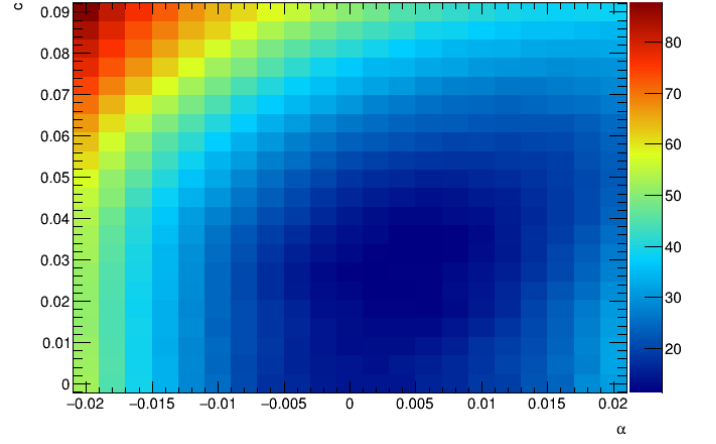
MCEvents : 49188

DataEvents : 266

ThresholdMass : 54.2069

$$\alpha_{ij} = 0.00389933 \pm 0.0037713$$

$$\sigma_{ij} = 0.023019 \pm 0.0127188$$



22 ChiMatrix_5_5

Results

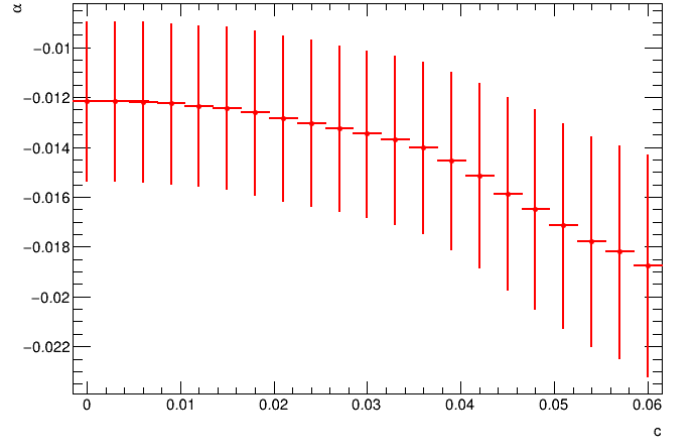
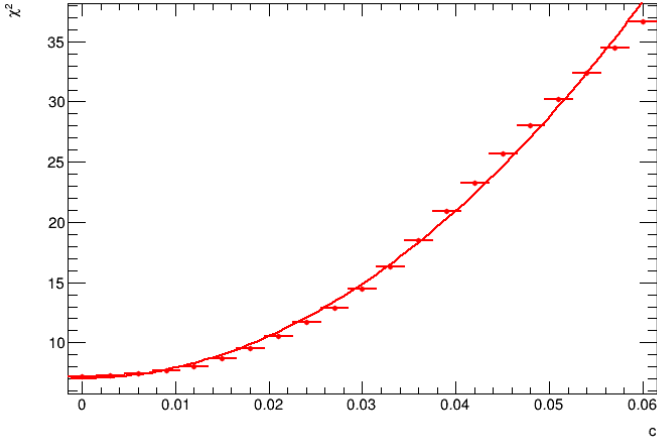
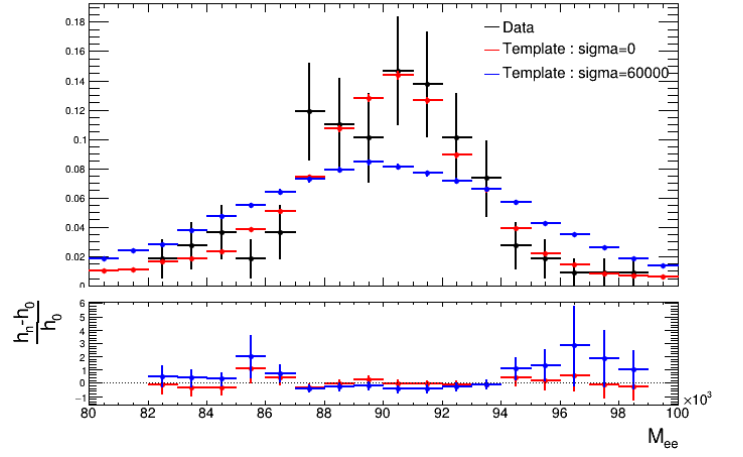
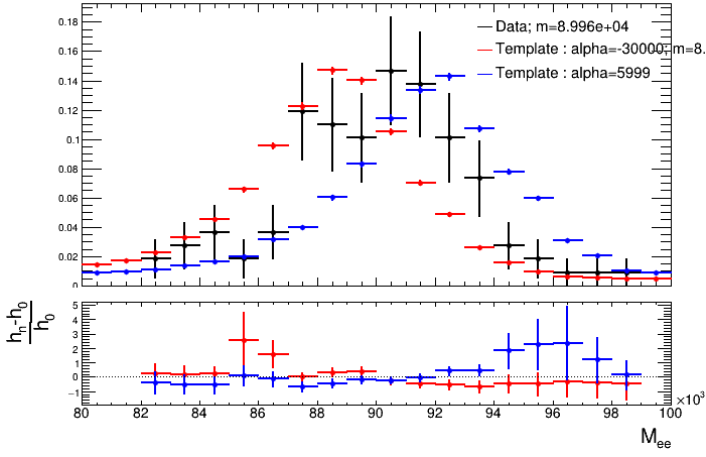
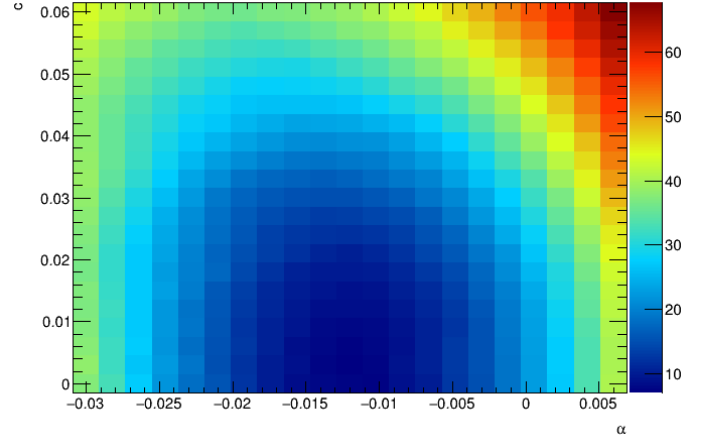
MCEvents : 24408

DataEvents : 123

ThresholdMass : 54

$$\alpha_{ij} = -0.012149 \pm 0.00320549$$

$$\sigma_{ij} = 6.82787e - 18 \pm 0.010743$$



23 ChiMatrix_6_0

Results

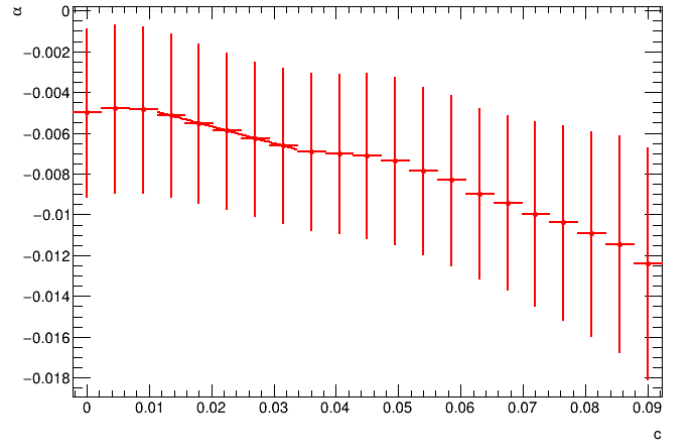
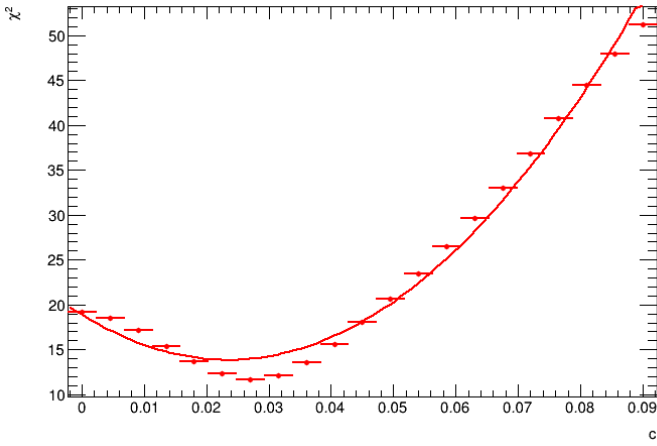
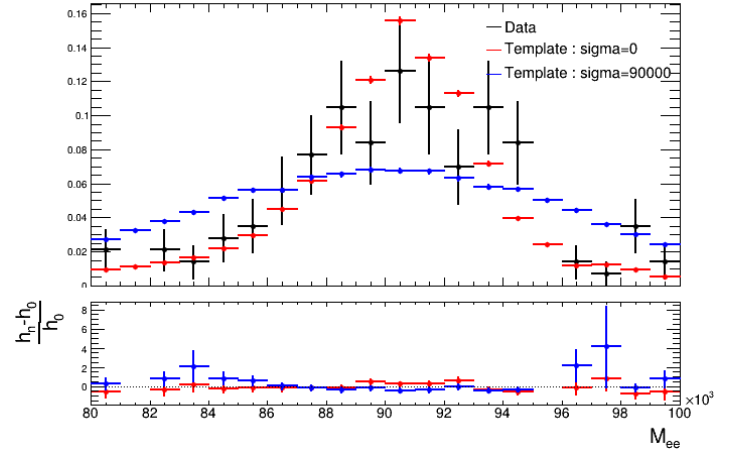
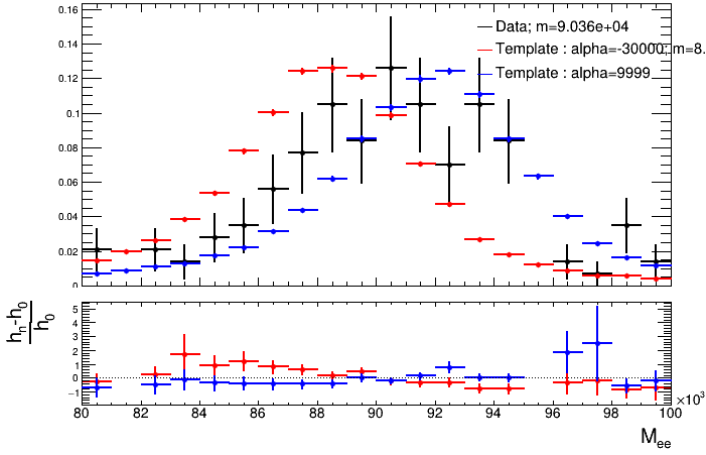
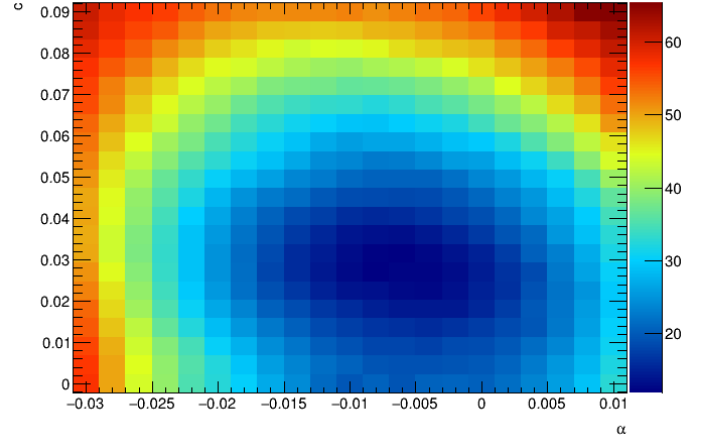
MCEvents : 34686

DataEvents : 150

ThresholdMass : 65.5345

$$\alpha_{ij} = -0.0059701 \pm 0.00383982$$

$$\sigma_{ij} = 0.023467 \pm 0.0104703$$



24 ChiMatrix_6_1

Results

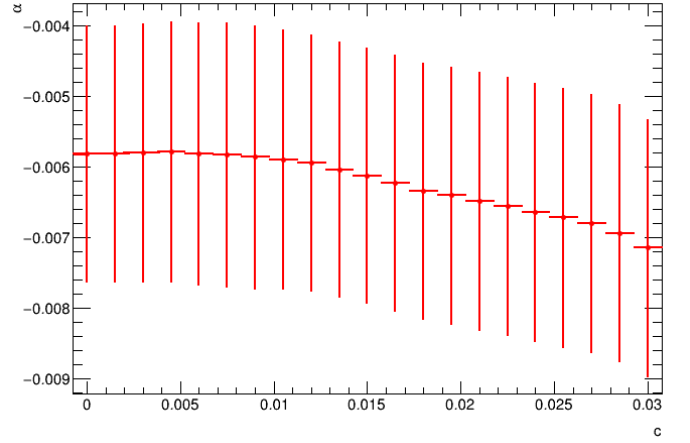
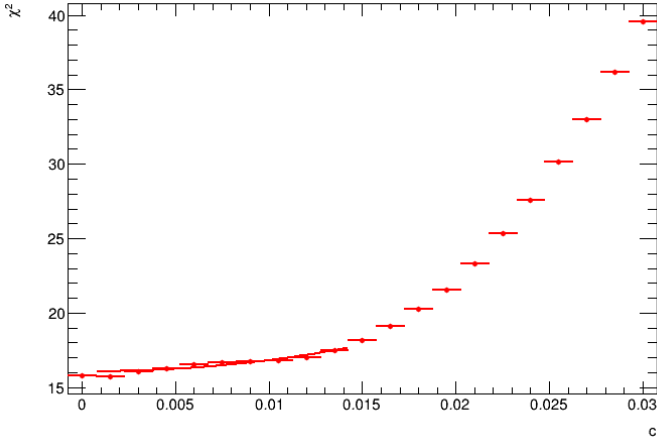
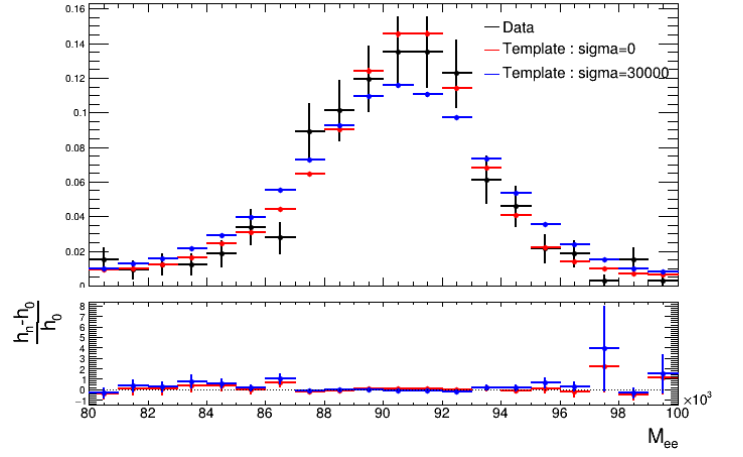
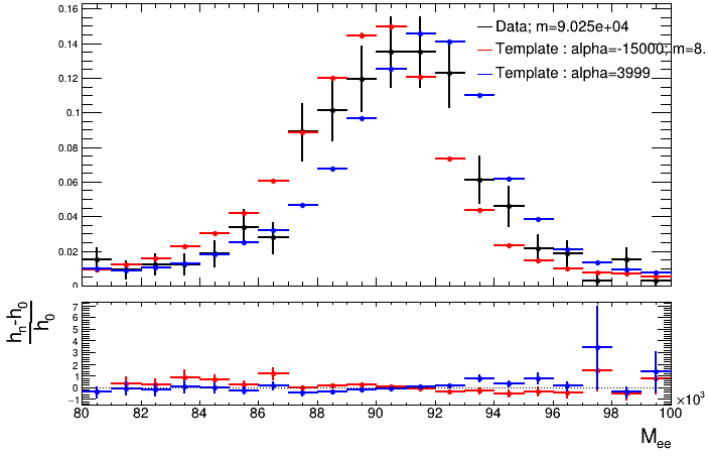
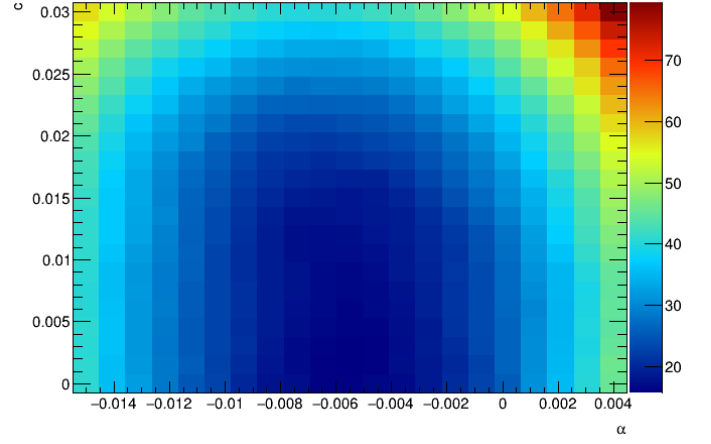
MCEvents : 78654

DataEvents : 361

ThresholdMass : 61.6144

$$\alpha_{ij} = -0.00581115 \pm 0.00181441$$

$$\sigma_{ij} = 0.00075 \pm 0.0108179$$



25 ChiMatrix_6_2

Results

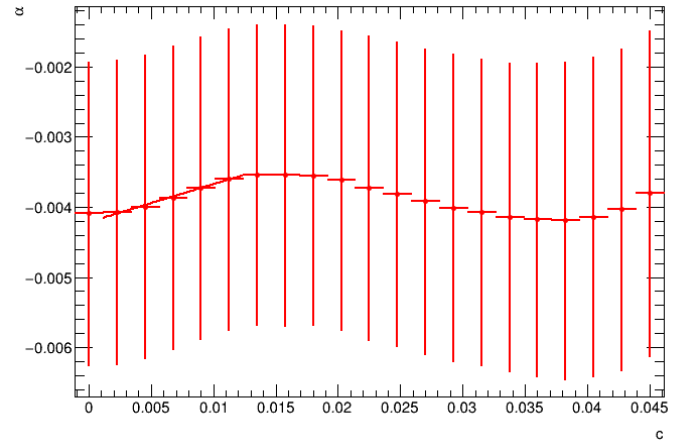
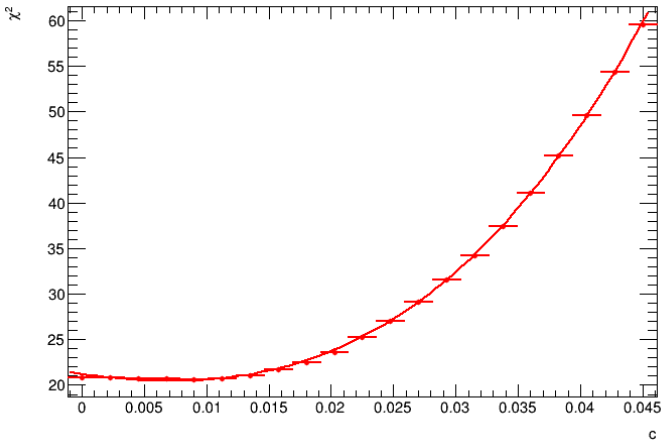
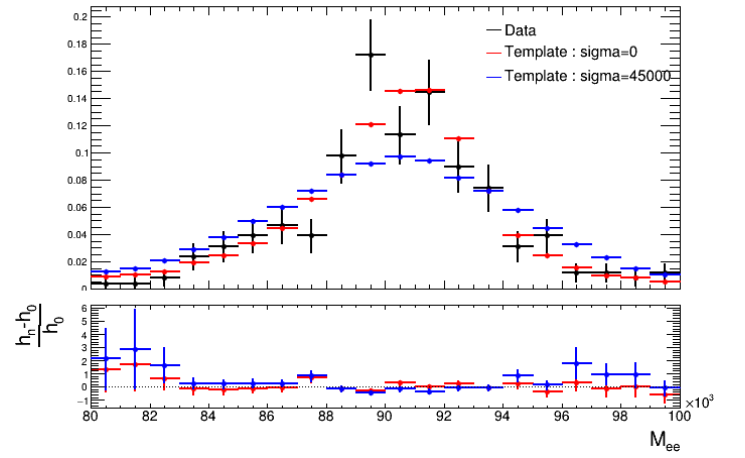
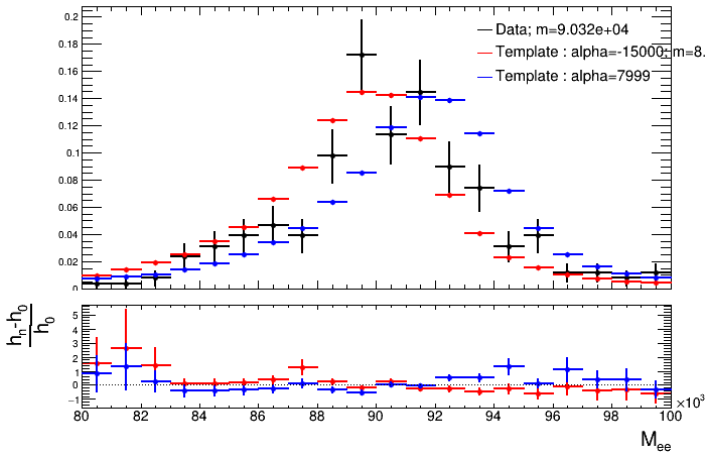
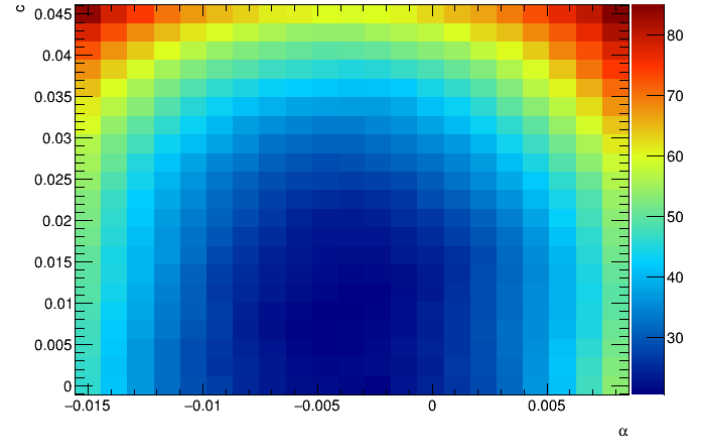
MCEvents : 58992

DataEvents : 282

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00382518 \pm 0.00216812$$

$$\sigma_{ij} = 0.0072606 \pm 0.00737721$$



26 ChiMatrix_6_3

Results

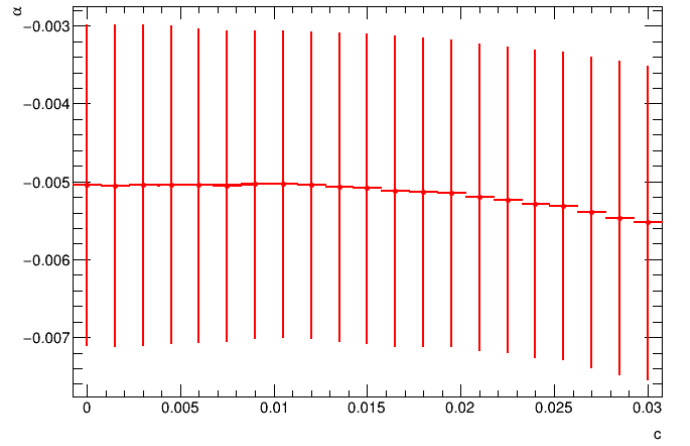
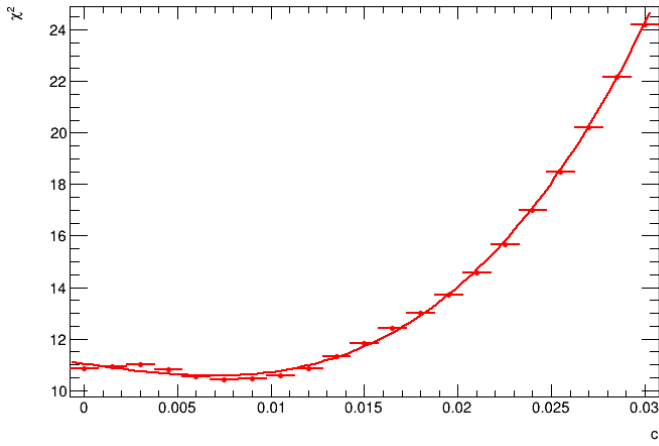
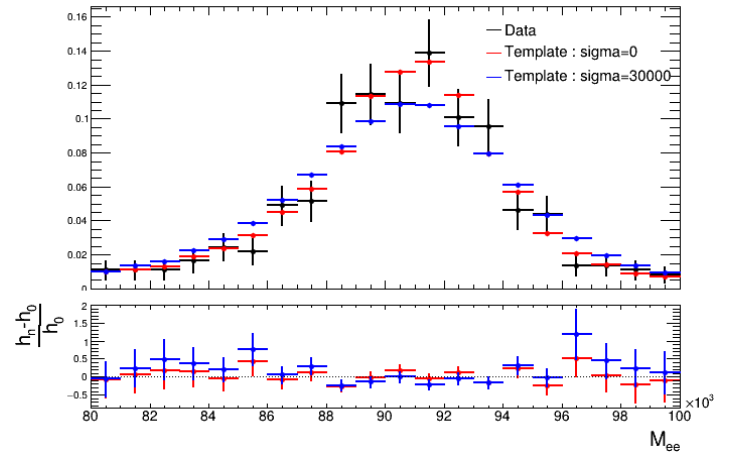
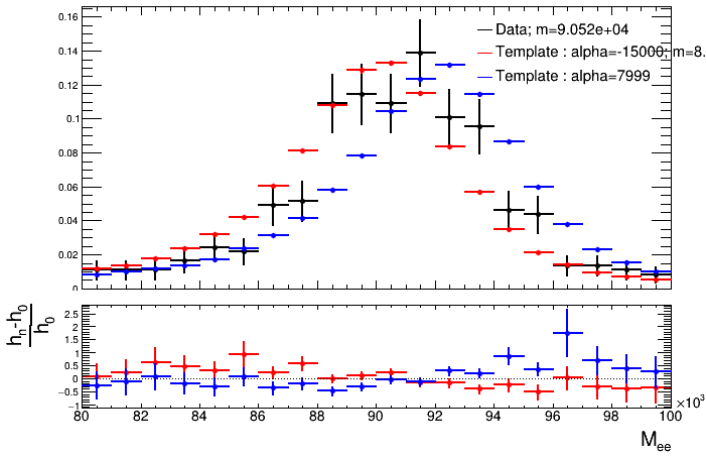
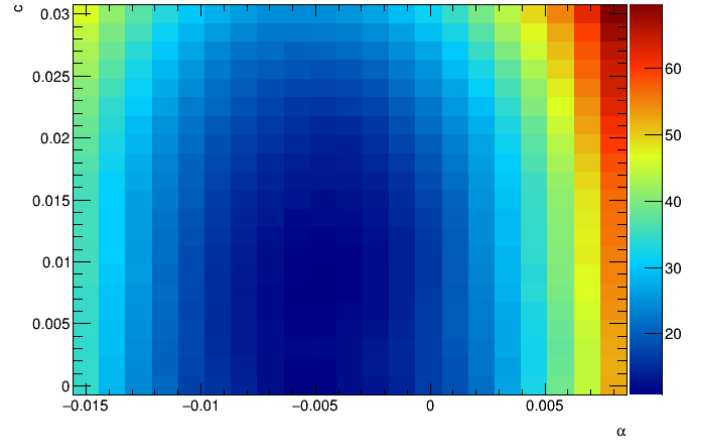
MCEvents : 80280

DataEvents : 417

ThresholdMass : 56.2471

$$\alpha_{ij} = -0.00504213 \pm 0.00199249$$

$$\sigma_{ij} = 0.00700584 \pm 0.00758816$$



27 ChiMatrix_6_4

Results

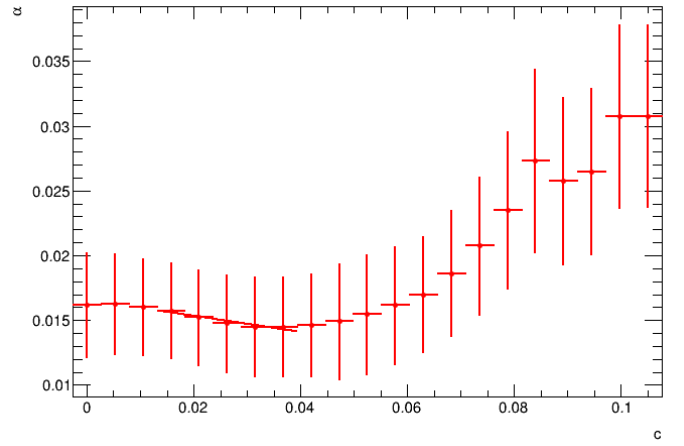
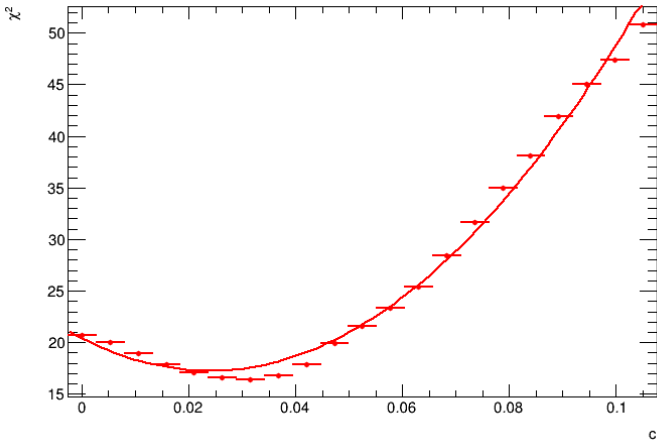
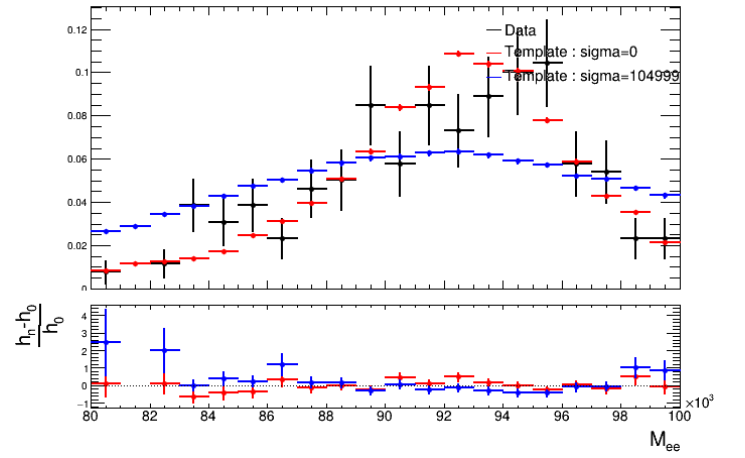
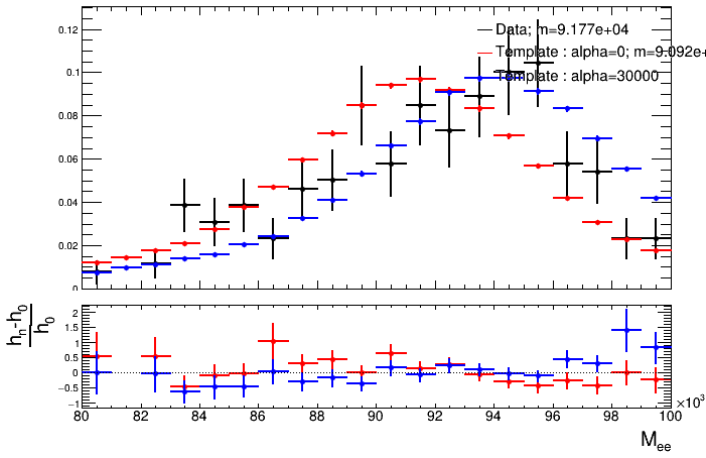
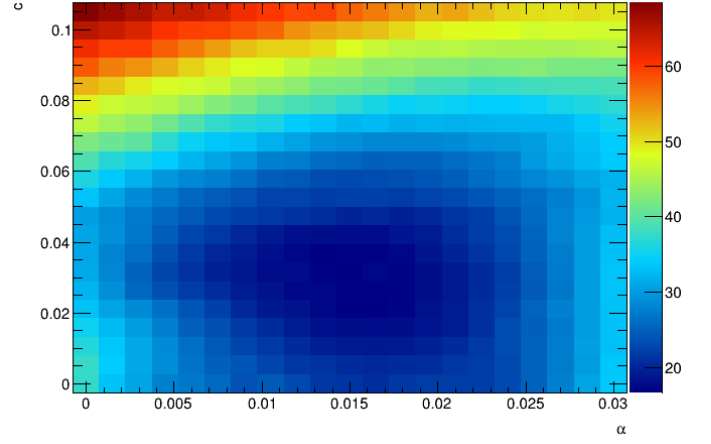
MCEvents : 58362

DataEvents : 314

ThresholdMass : 54.8772

$$\alpha_{ij} = 0.0150859 \pm 0.00379115$$

$$\sigma_{ij} = 0.024007 \pm 0.0135451$$



28 ChiMatrix_6_5

Results

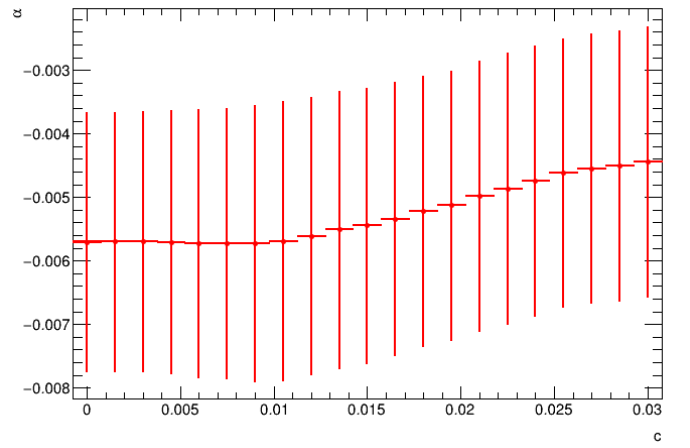
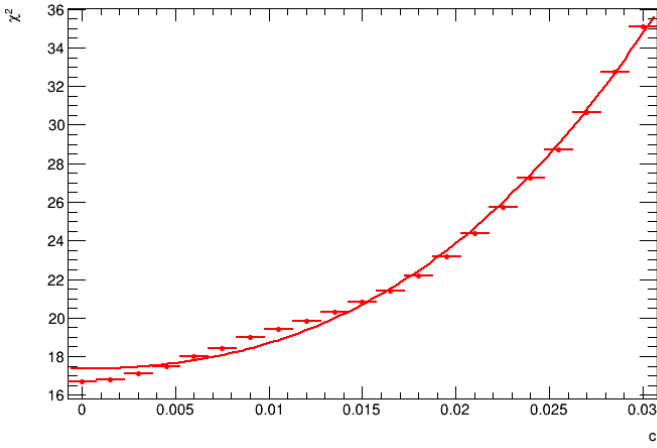
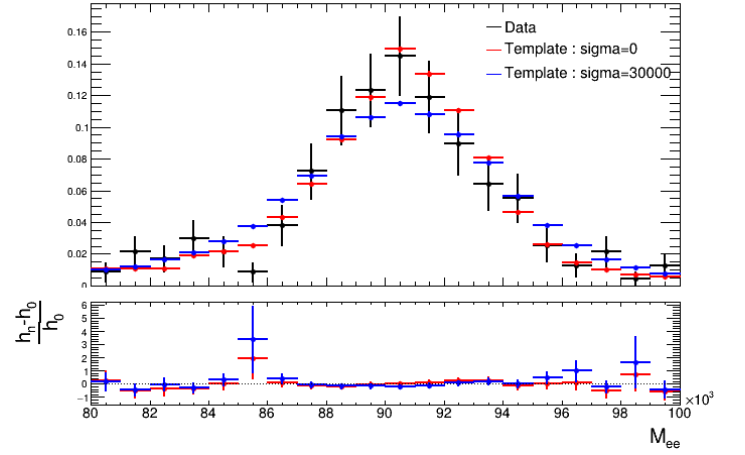
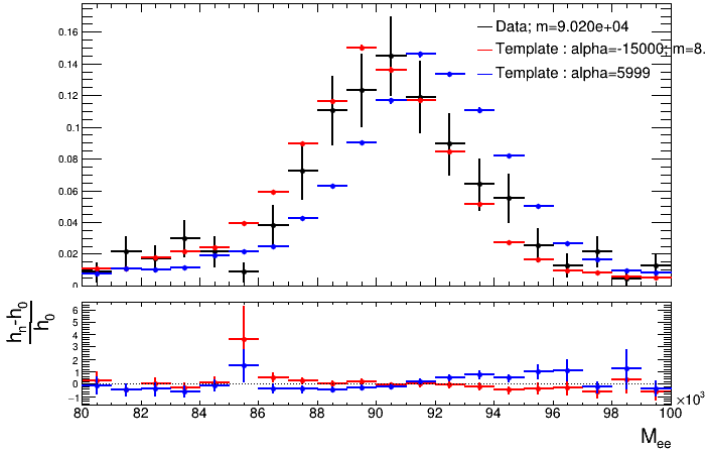
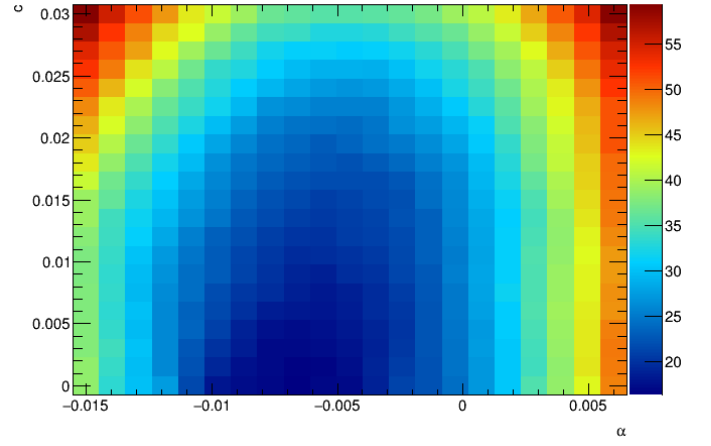
MCEvents : 57540

DataEvents : 277

ThresholdMass : 54.2312

$$\alpha_{ij} = -0.00570103 \pm 0.00204186$$

$$\sigma_{ij} = 4.77951e - 17 \pm 0.00885114$$



29 ChiMatrix_6_6

Results

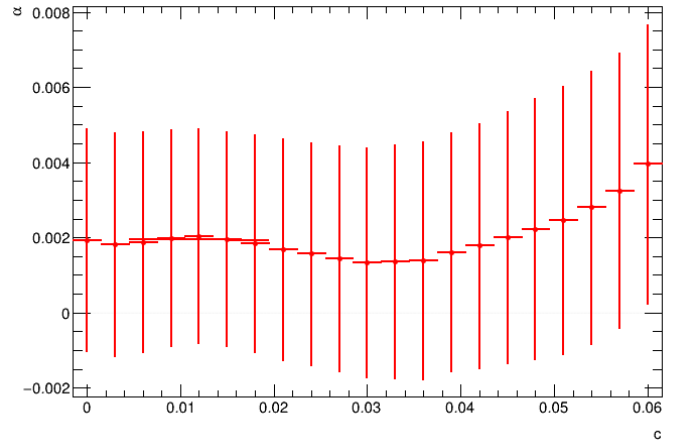
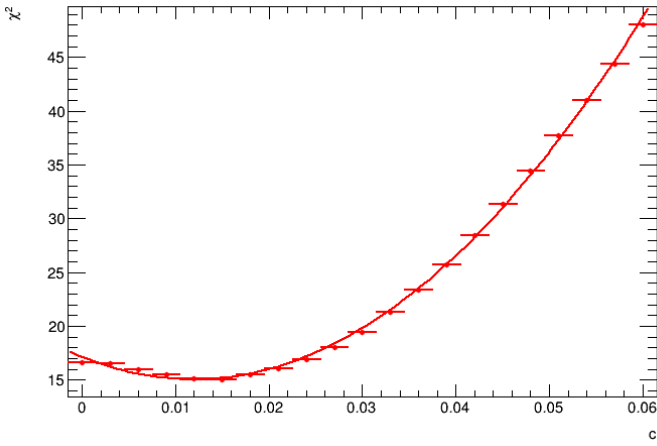
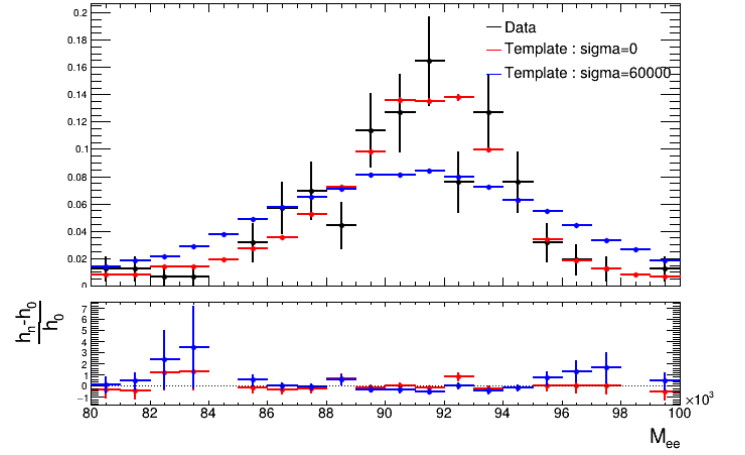
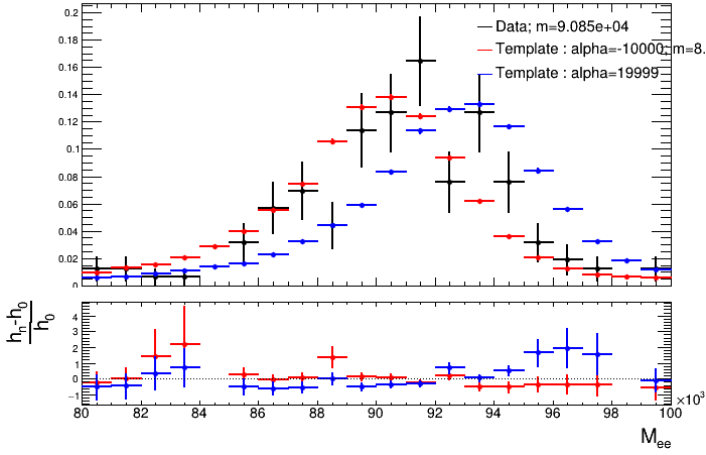
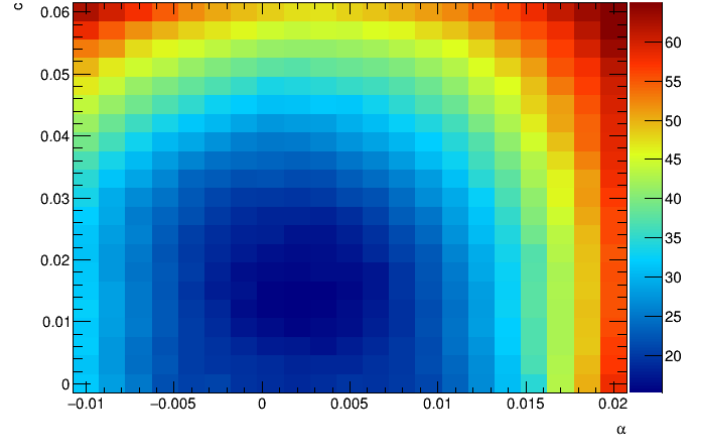
MCEvents : 35376

DataEvents : 182

ThresholdMass : 54

$$\alpha_{ij} = 0.00194418 \pm 0.00284795$$

$$\sigma_{ij} = 0.0119672 \pm 0.00827763$$



30 ChiMatrix_7_0

Results

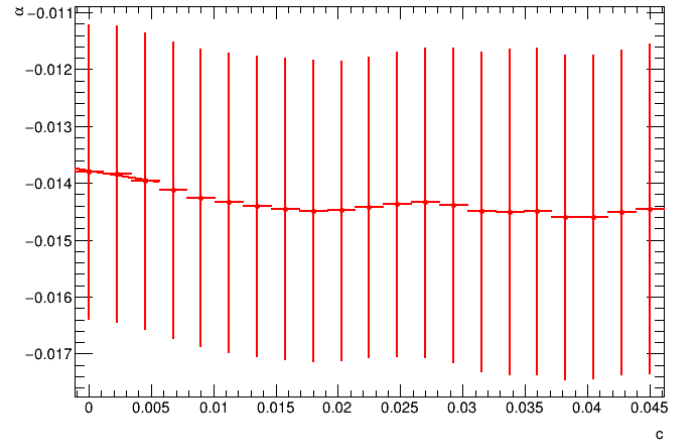
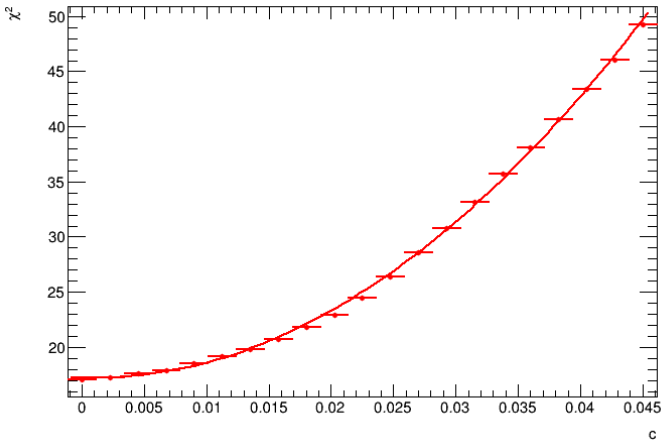
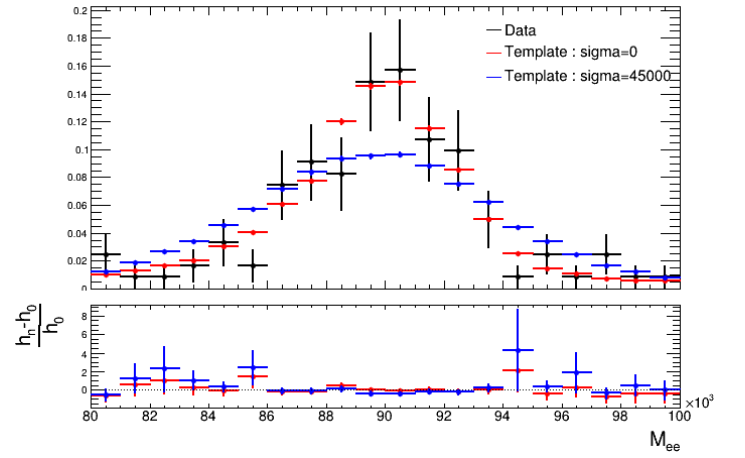
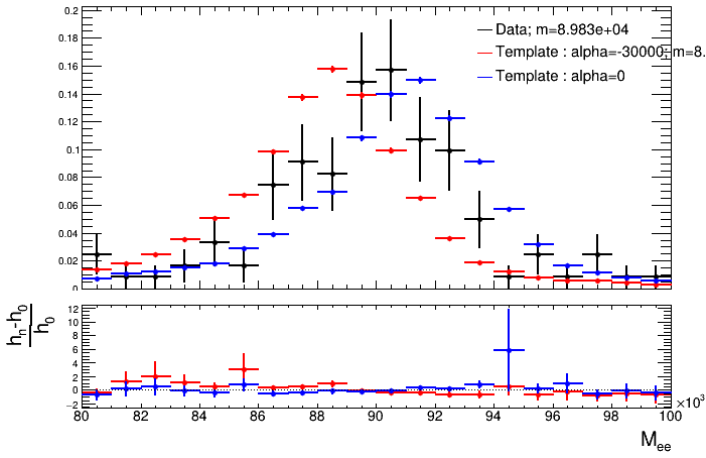
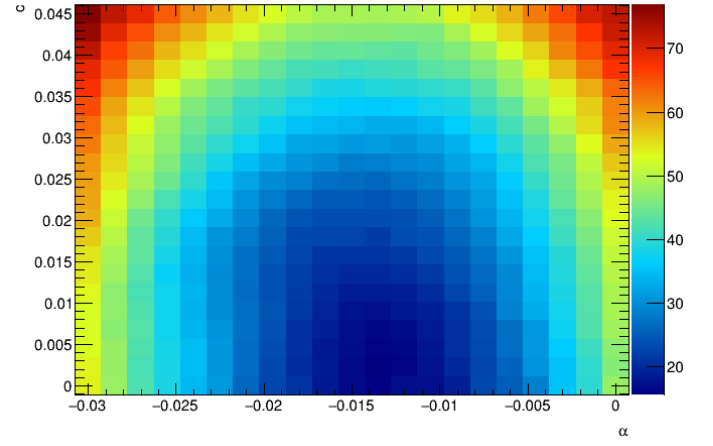
MCEvents : 32490

DataEvents : 131

ThresholdMass : 69.5818

$$\alpha_{ij} = -0.0138198 \pm 0.00259538$$

$$\sigma_{ij} = 0.000961944 \pm 0.00773483$$



31 ChiMatrix_7_1

Results

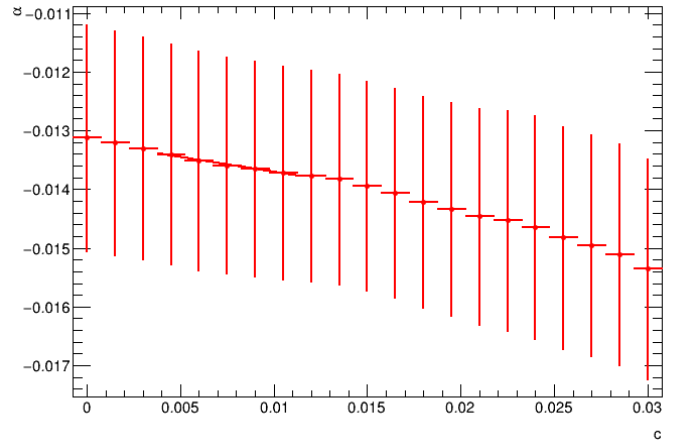
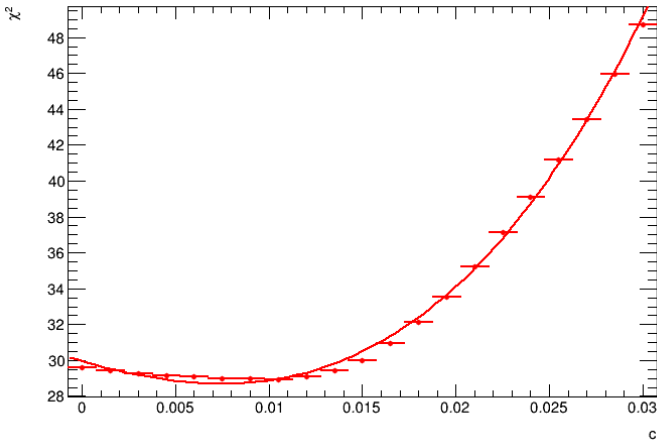
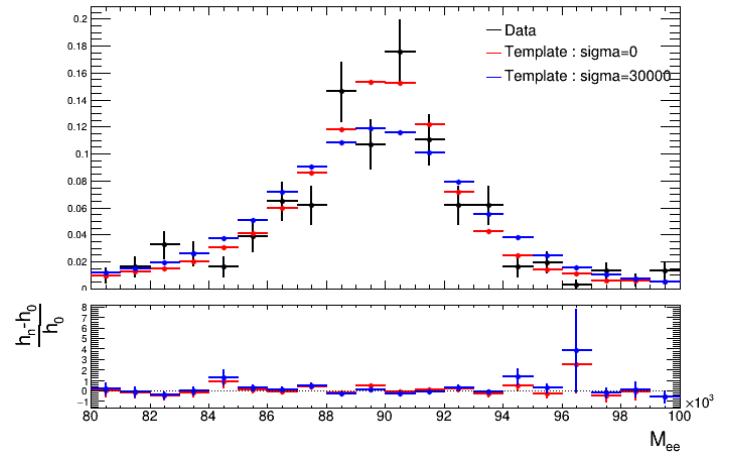
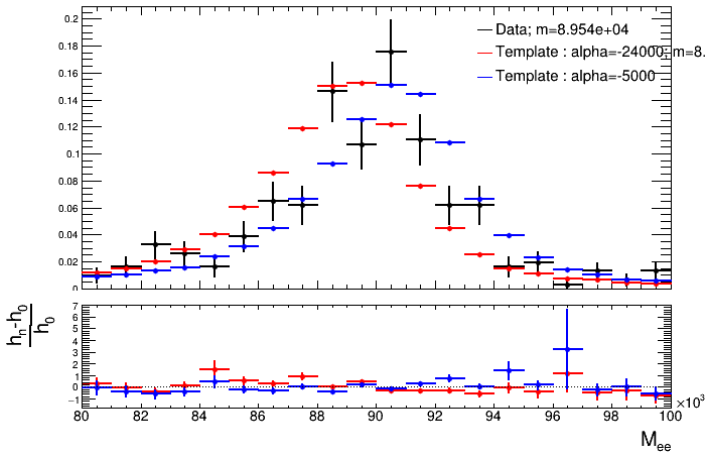
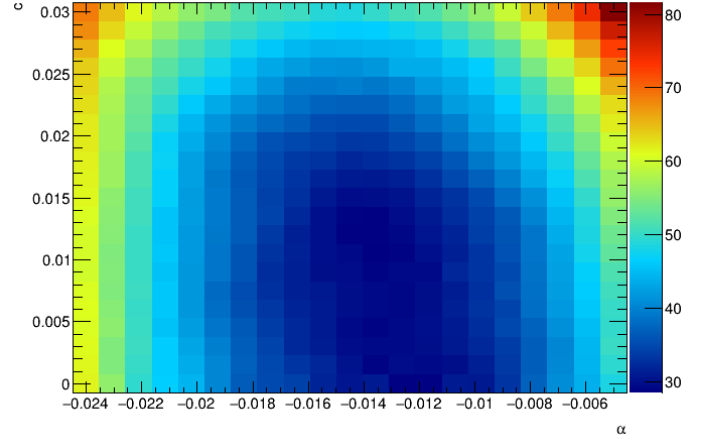
MCEvents : 74982

DataEvents : 341

ThresholdMass : 64.8947

$$\alpha_{ij} = -0.0135758 \pm 0.00184933$$

$$\sigma_{ij} = 0.00746854 \pm 0.0057351$$



32 ChiMatrix_7_2

Results

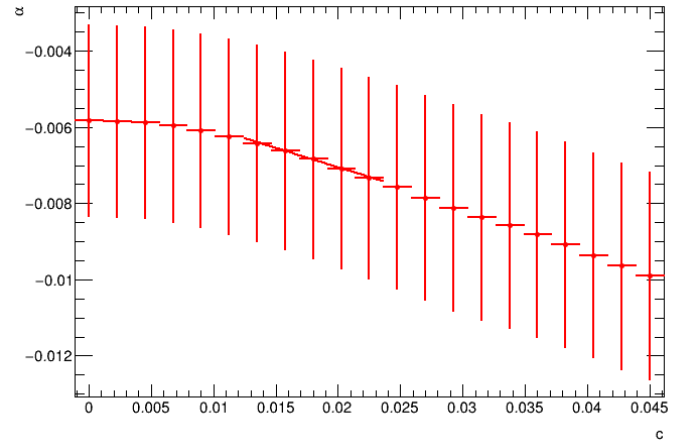
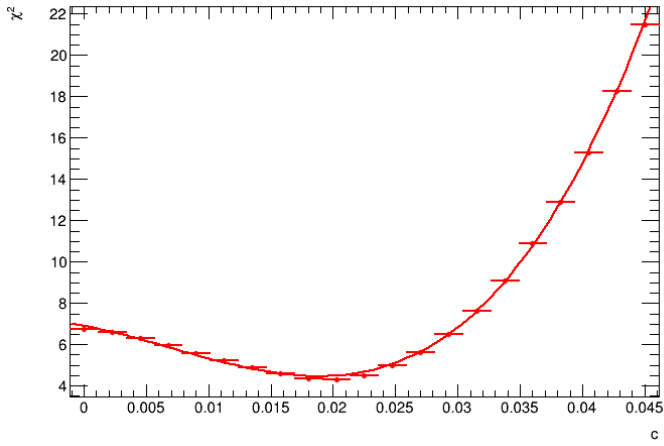
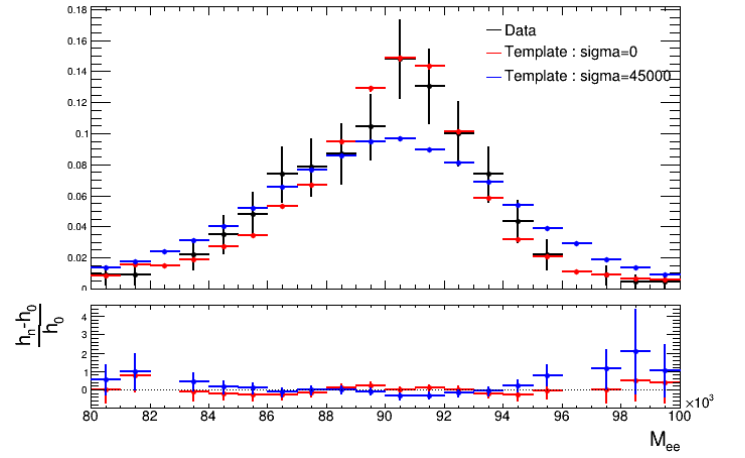
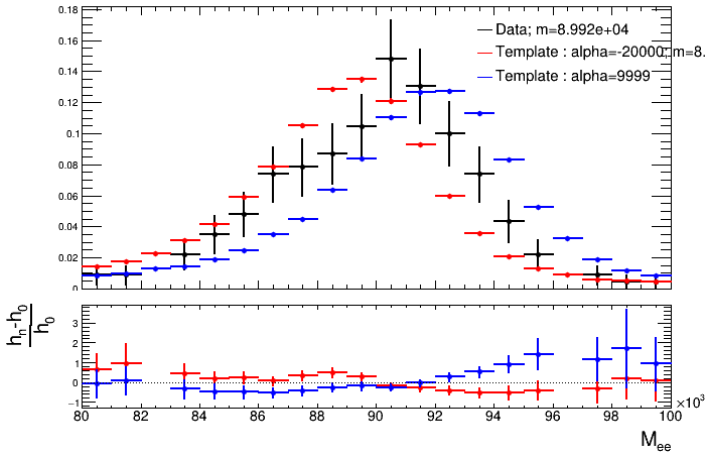
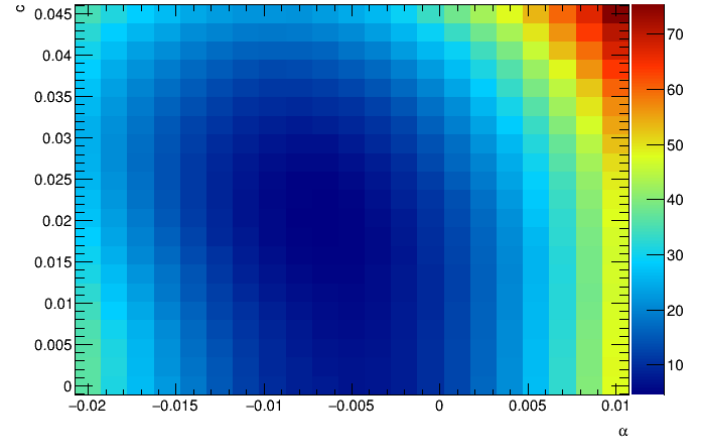
MCEvents : 57768

DataEvents : 254

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00694172 \pm 0.00261454$$

$$\sigma_{ij} = 0.0188772 \pm 0.00755036$$



33 ChiMatrix_7_3

Results

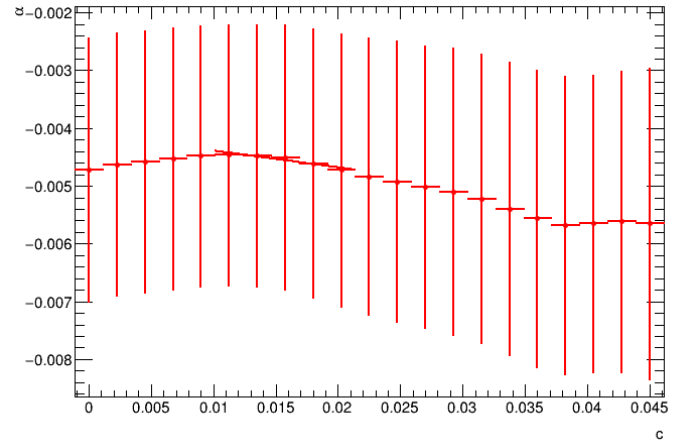
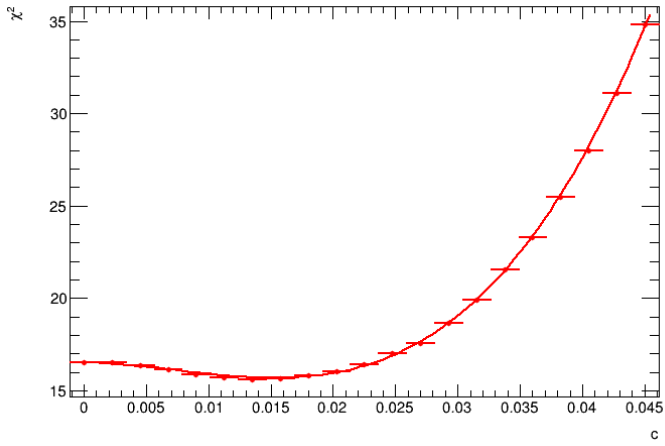
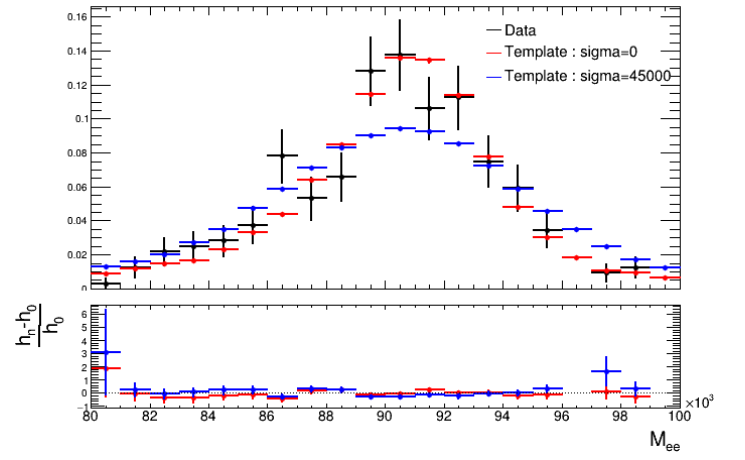
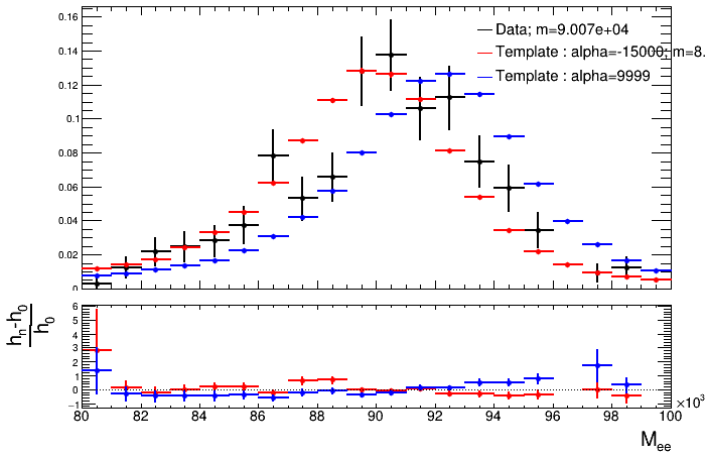
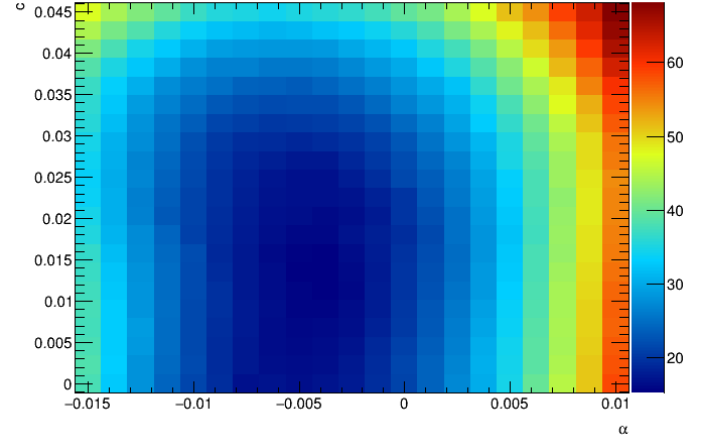
MCEvents : 79212

DataEvents : 363

ThresholdMass : 58.1052

$$\alpha_{ij} = -0.00454477 \pm 0.00229912$$

$$\sigma_{ij} = 0.015347 \pm 0.00870891$$



34 ChiMatrix_7_4

Results

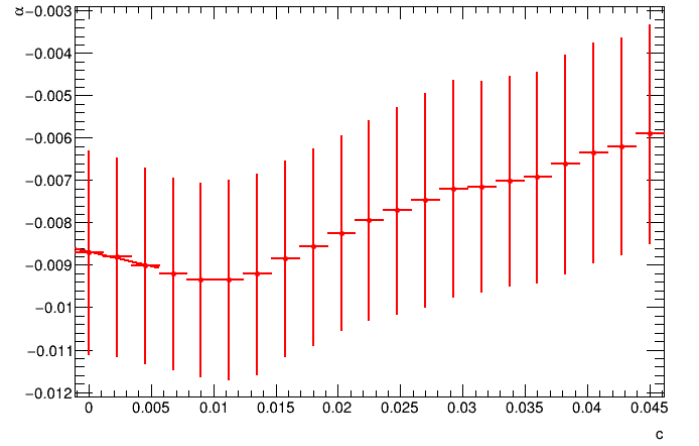
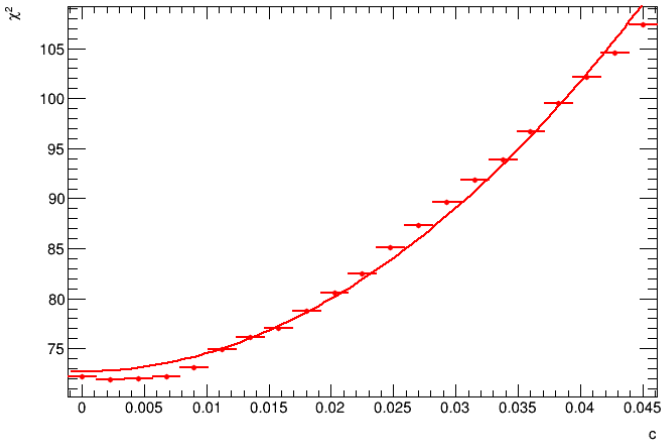
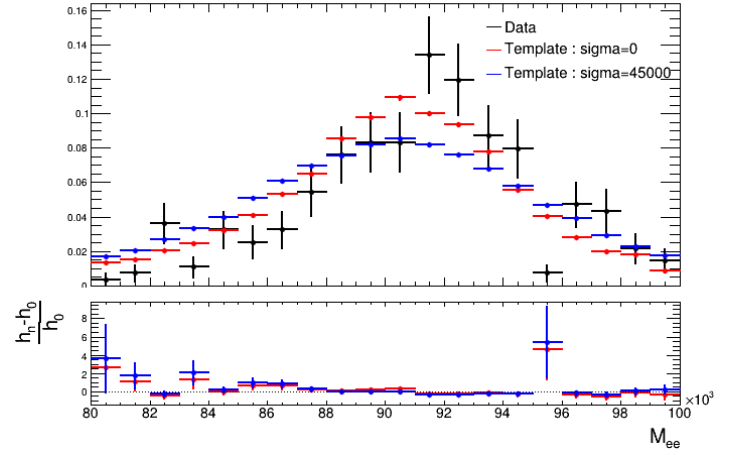
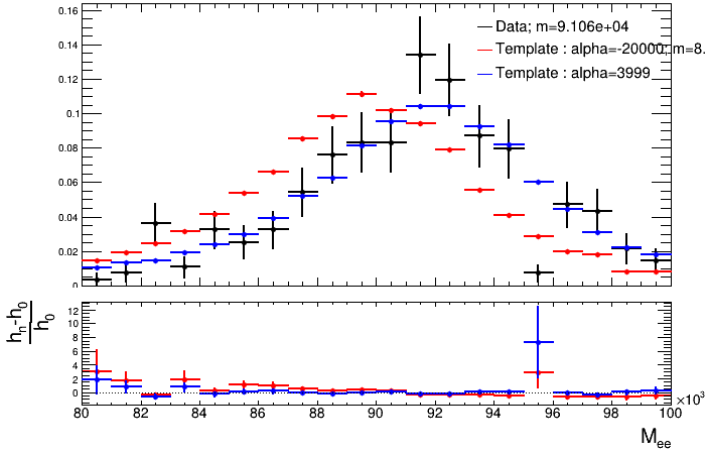
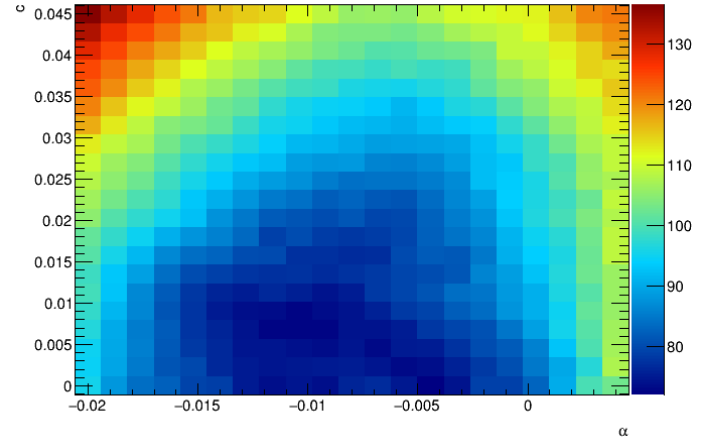
MCEvents : 60264

DataEvents : 326

ThresholdMass : 56.1307

$$\alpha_{ij} = -0.00876225 \pm 0.00240137$$

$$\sigma_{ij} = 0 \pm 0.00742662$$



35 ChiMatrix_7_5

Results

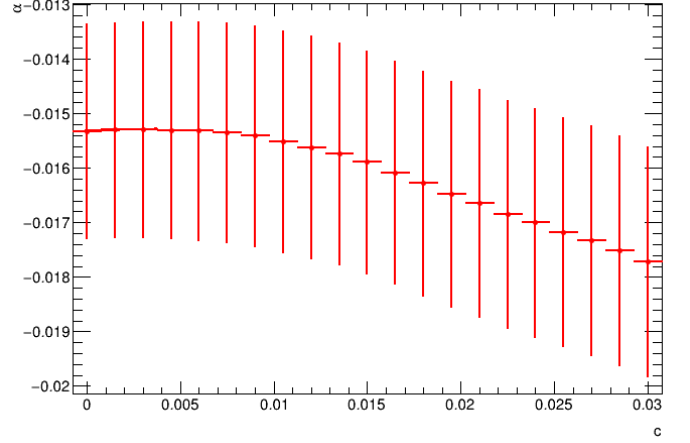
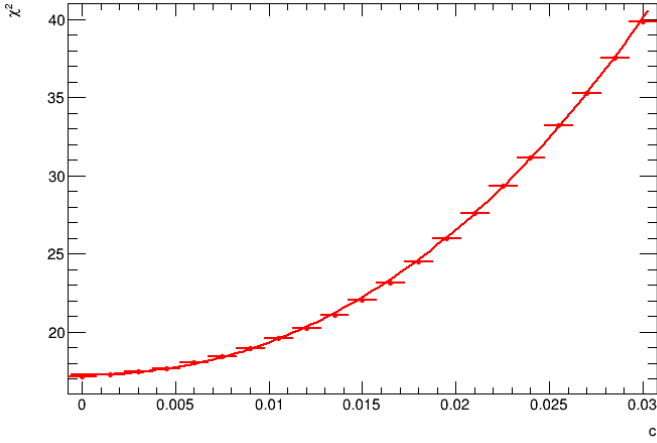
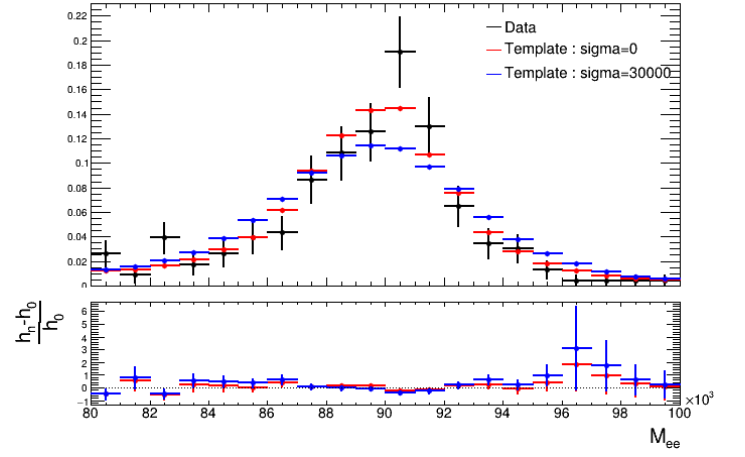
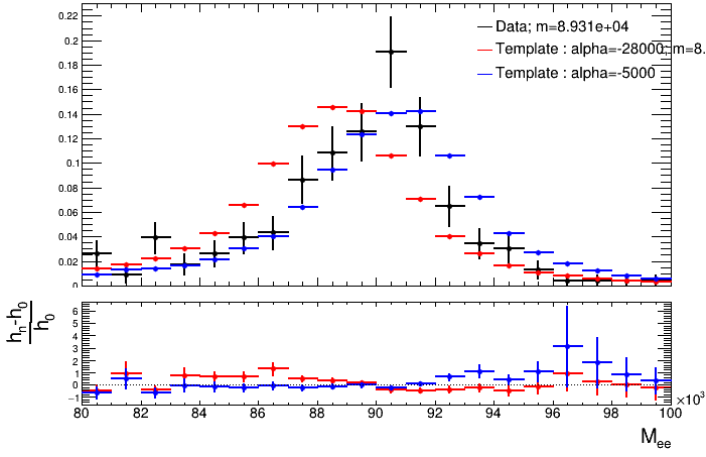
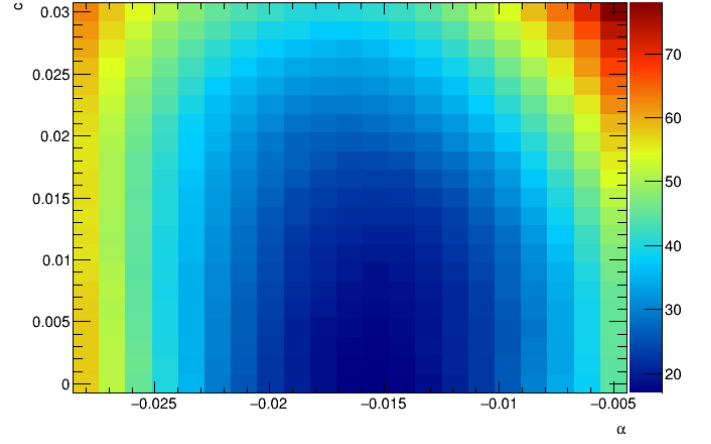
MCEvents : 59124

DataEvents : 279

ThresholdMass : 55.0036

$$\alpha_{ij} = -0.0153171 \pm 0.00197081$$

$$\sigma_{ij} = 0.000326627 \pm 0.00685194$$



36 ChiMatrix_7_6

Results

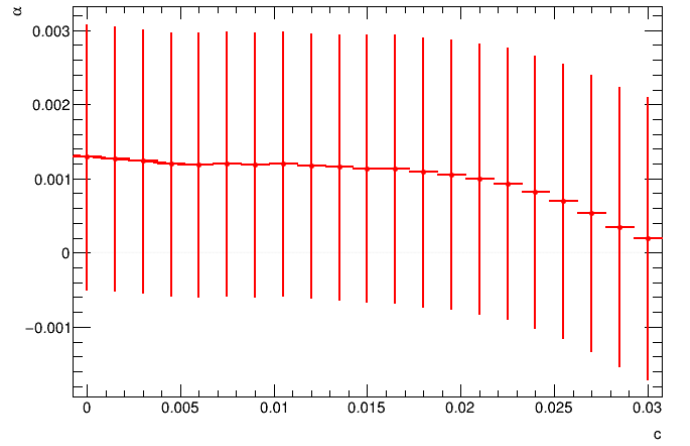
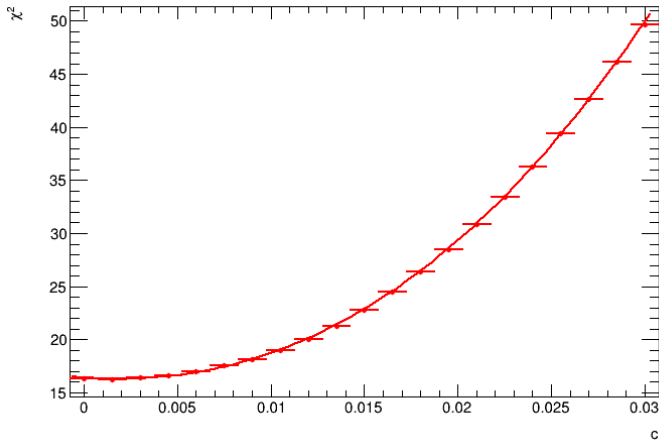
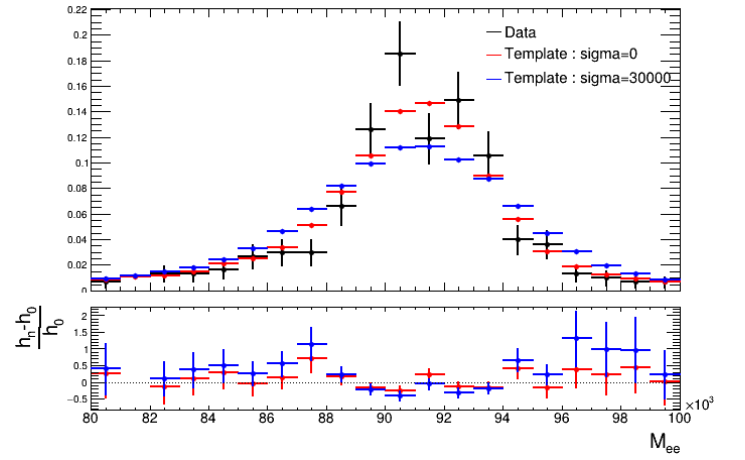
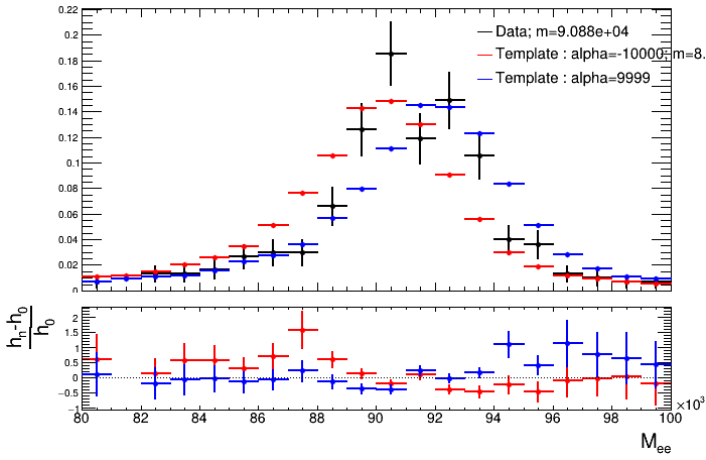
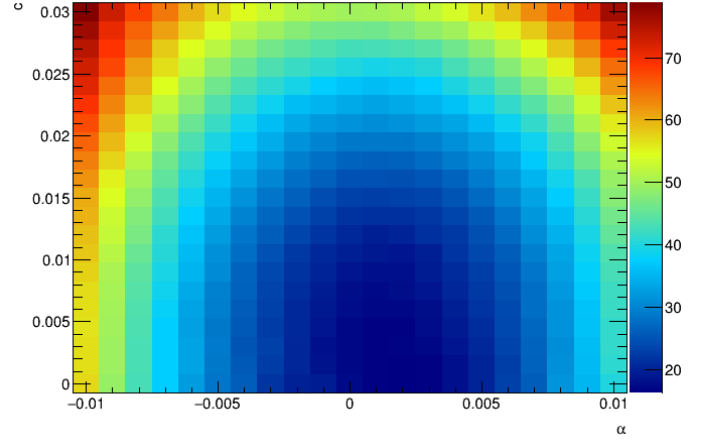
MCEvents : 72630

DataEvents : 353

ThresholdMass : 54.2702

$$\alpha_{ij} = 0.00125625 \pm 0.00177853$$

$$\sigma_{ij} = 0.00190738 \pm 0.00527068$$



37 ChiMatrix_7_7

Results

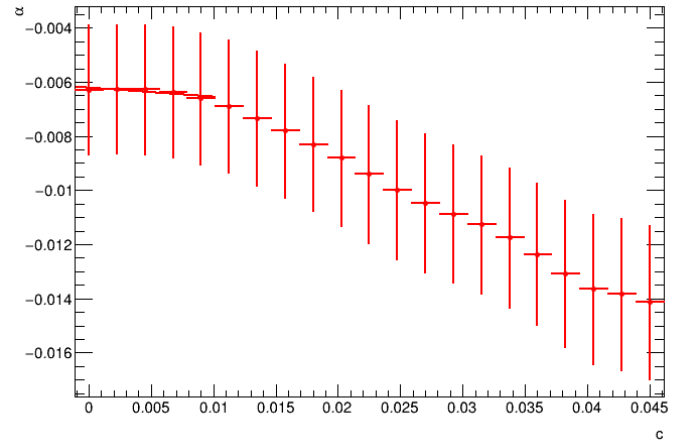
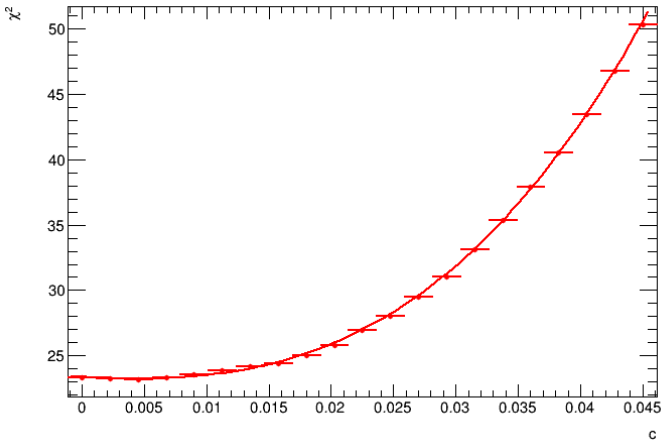
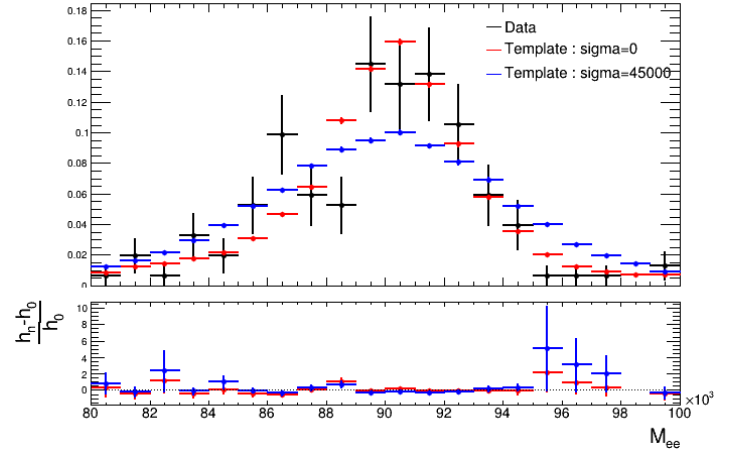
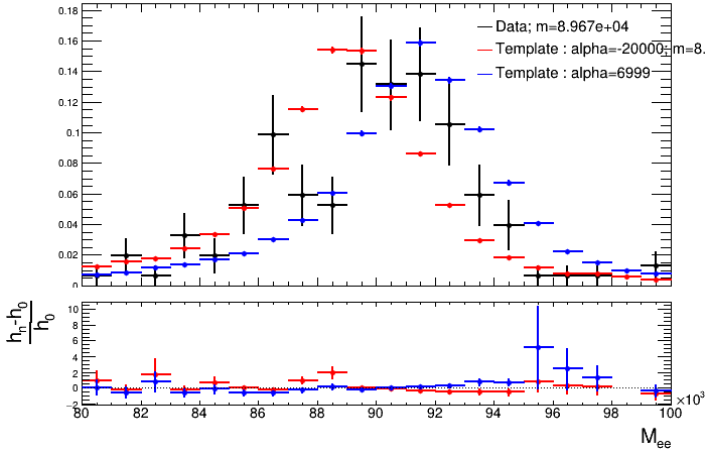
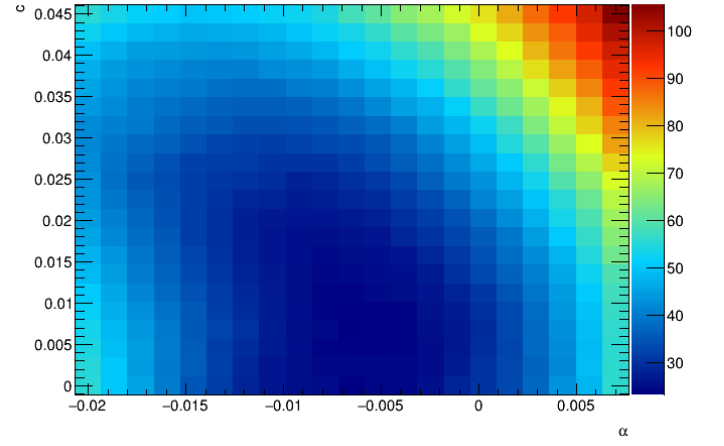
MCEvents : 37332

DataEvents : 174

ThresholdMass : 54

$$\alpha_{ij} = -0.00636682 \pm 0.00240592$$

$$\sigma_{ij} = 0.00459044 \pm 0.0100946$$



38 ChiMatrix_8_1

Results

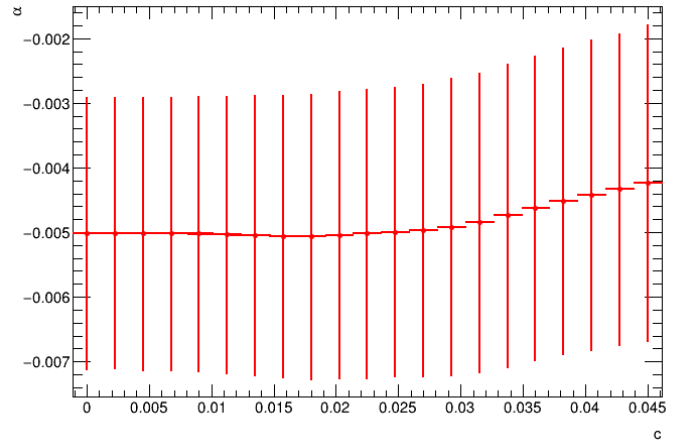
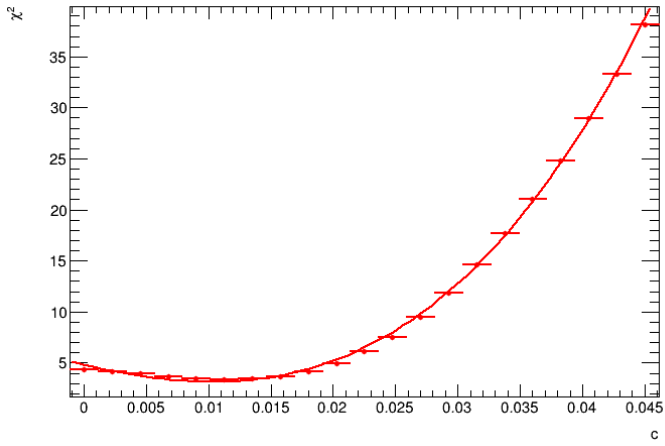
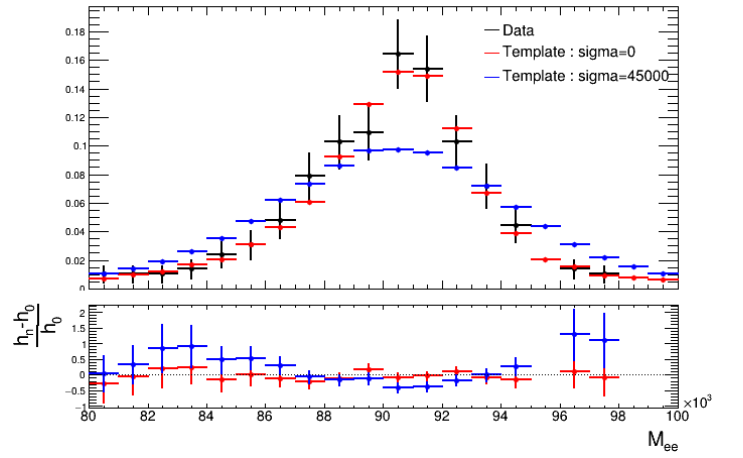
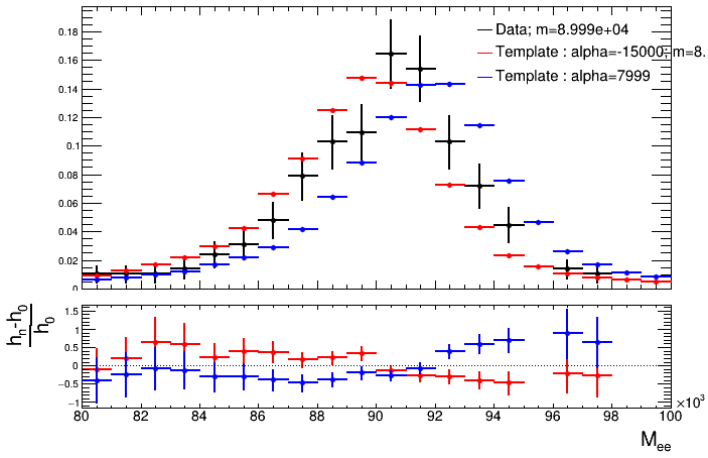
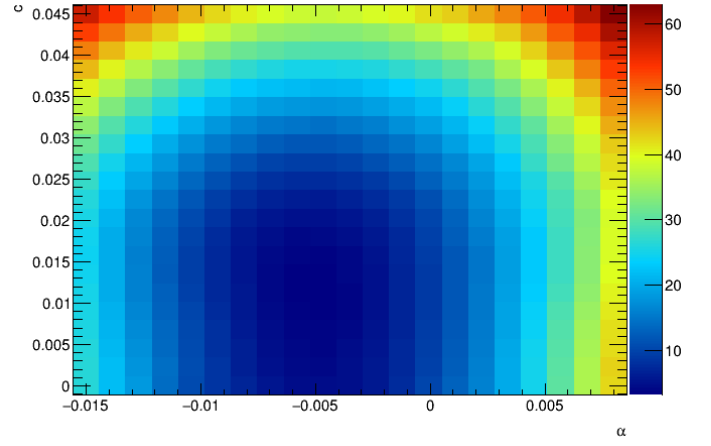
MCEvents : 69810

DataEvents : 317

ThresholdMass : 68.8245

$$\alpha_{ij} = -0.00503344 \pm 0.00214801$$

$$\sigma_{ij} = 0.0103572 \pm 0.00692914$$



39 ChiMatrix_8_2

Results

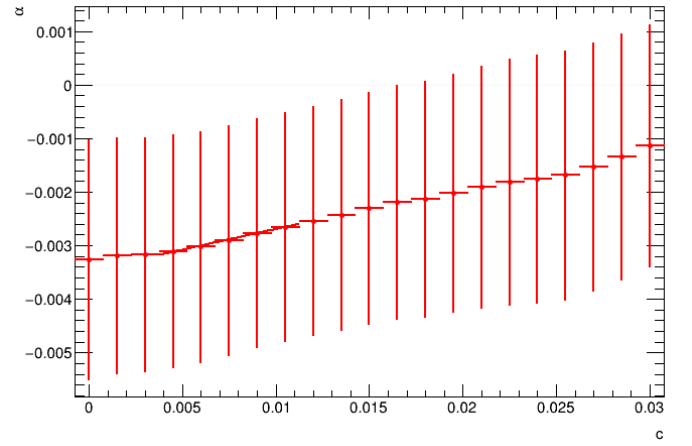
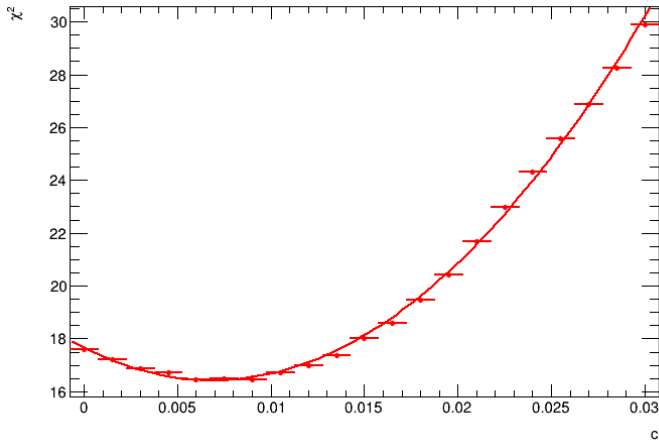
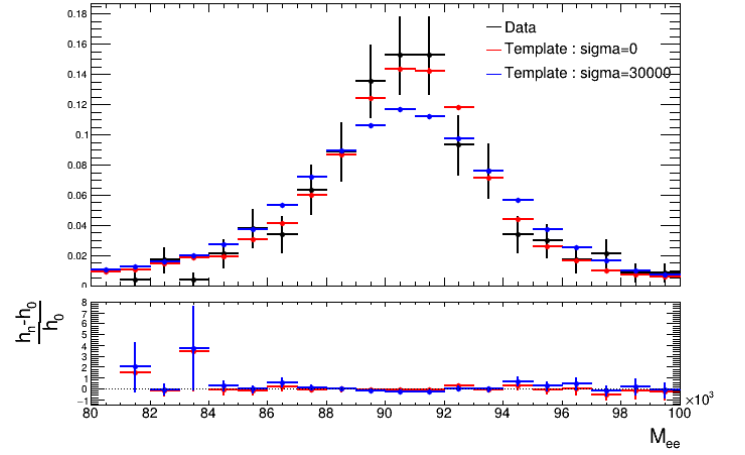
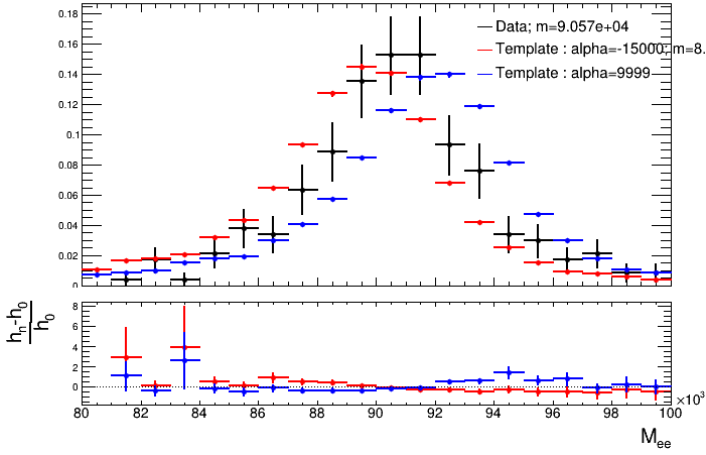
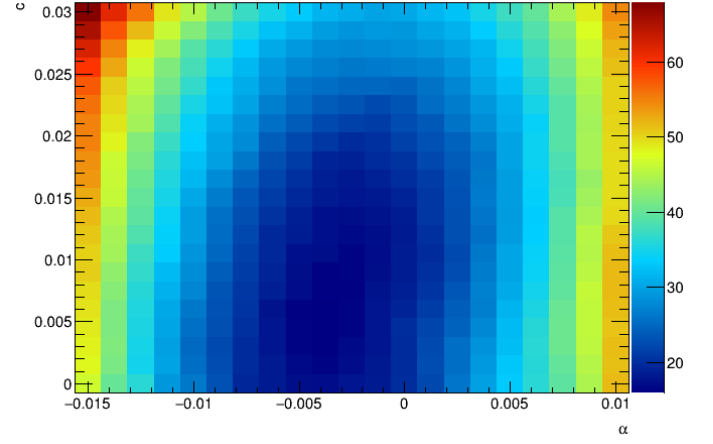
MCEvents : 55122

DataEvents : 258

ThresholdMass : 64.0151

$$\alpha_{ij} = -0.00293357 \pm 0.00214519$$

$$\sigma_{ij} = 0.00692018 \pm 0.00621926$$



40 ChiMatrix_8_3

Results

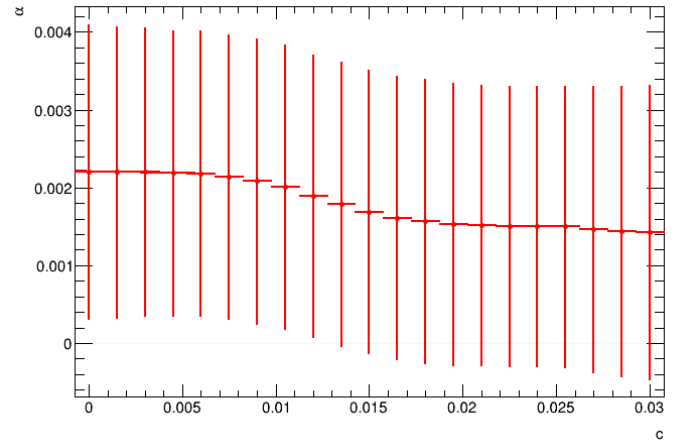
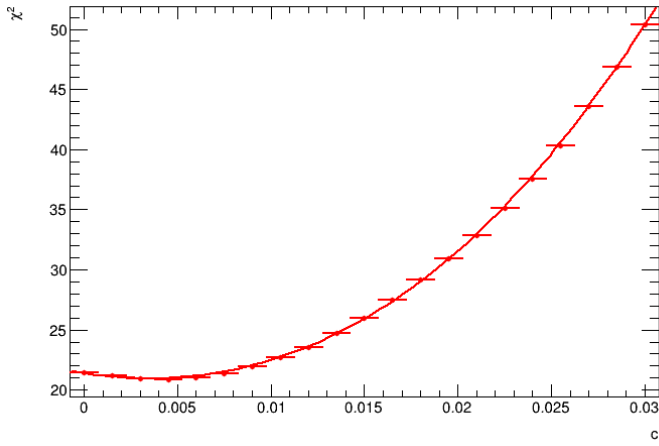
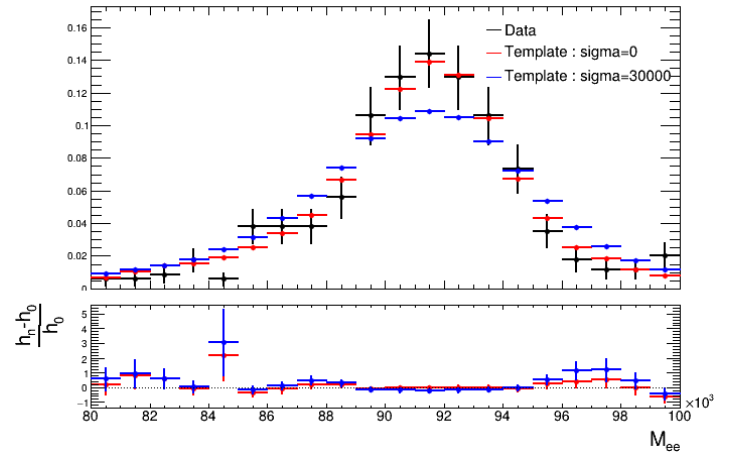
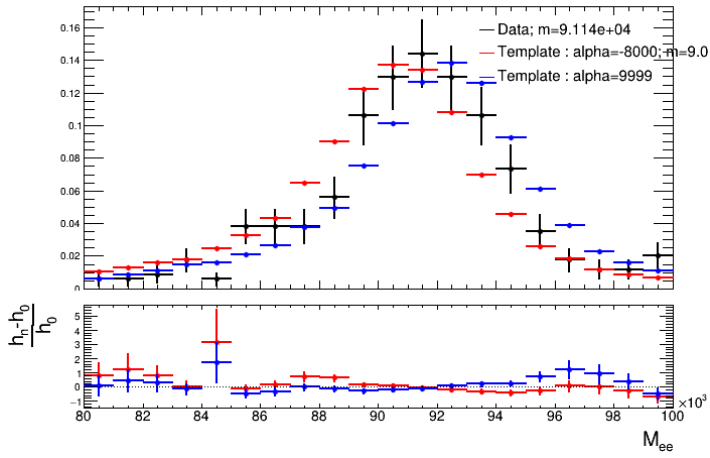
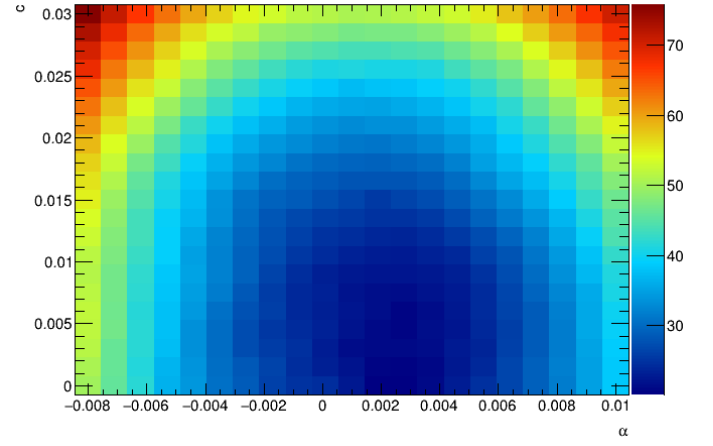
MCEvents : 78798

DataEvents : 367

ThresholdMass : 60.5448

$$\alpha_{ij} = 0.00219364 \pm 0.00185168$$

$$\sigma_{ij} = 0.00356444 \pm 0.00528645$$



41 ChiMatrix_8_4

Results

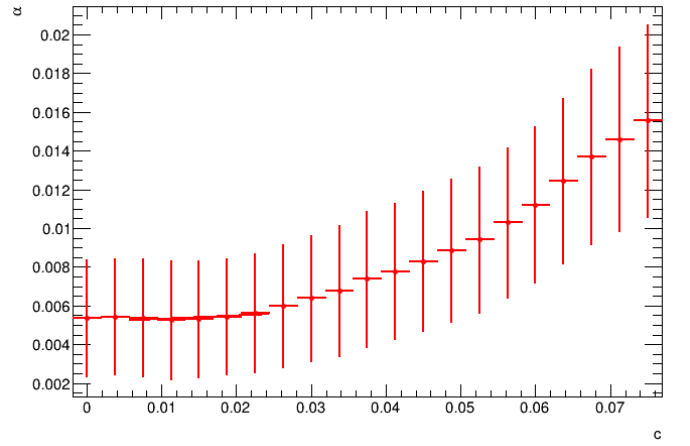
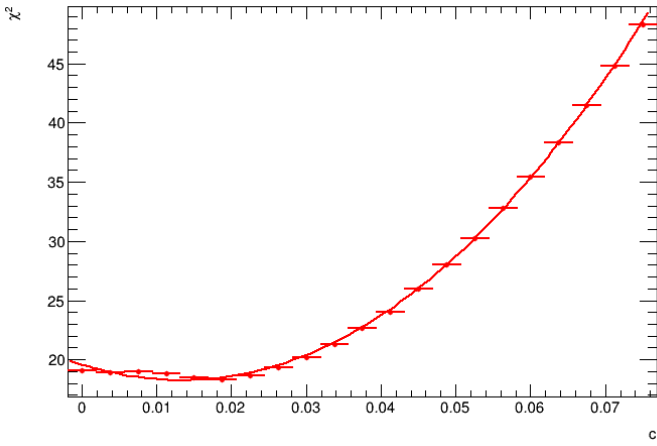
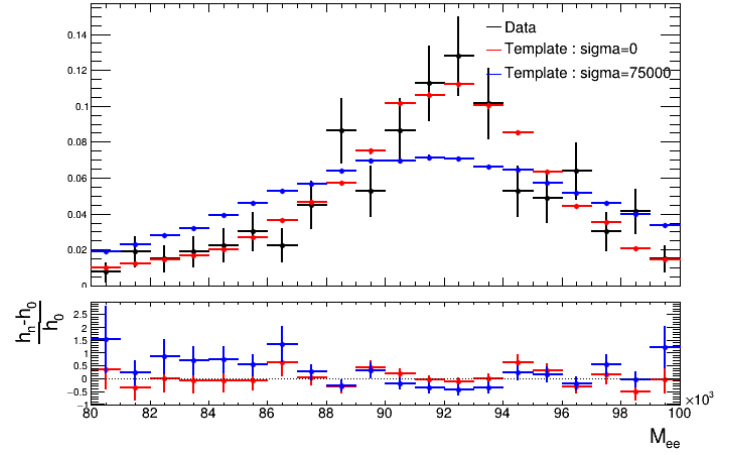
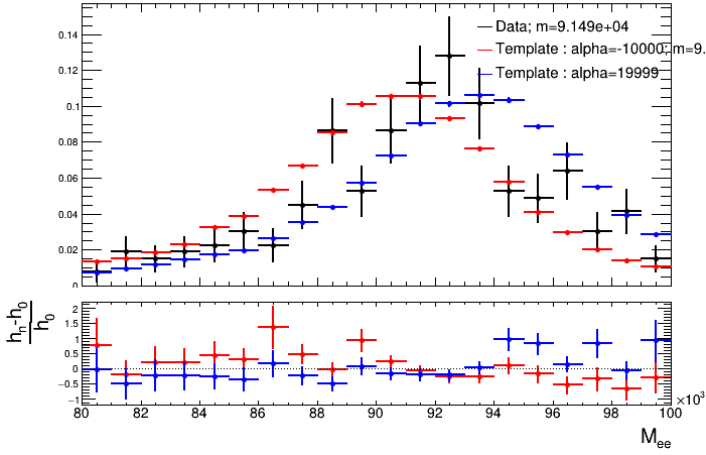
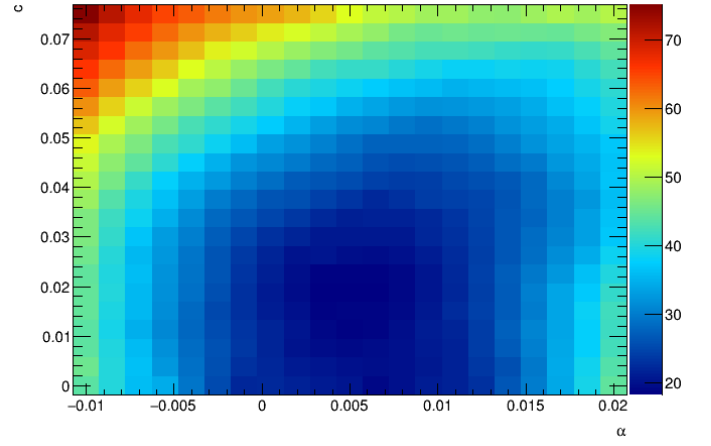
MCEvents : 59016

DataEvents : 306

ThresholdMass : 57.9459

$$\alpha_{ij} = 0.00536931 \pm 0.00300757$$

$$\sigma_{ij} = 0.013367 \pm 0.0114969$$



42 ChiMatrix_8_5

Results

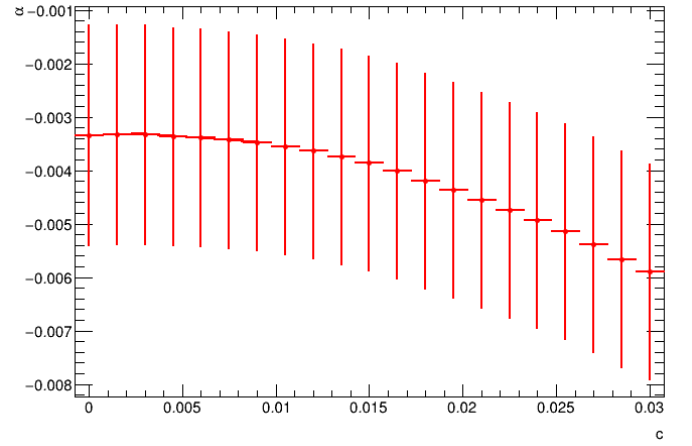
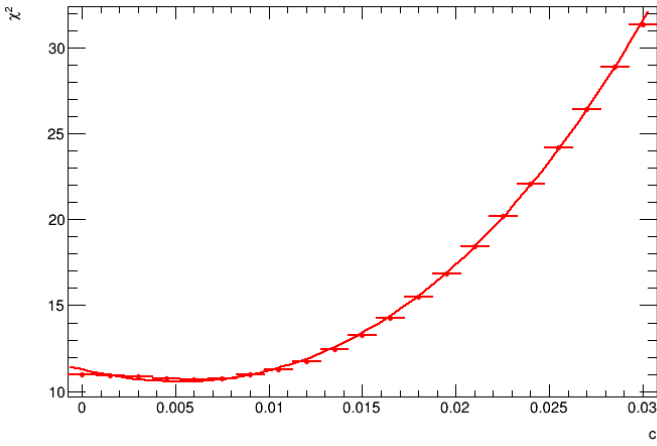
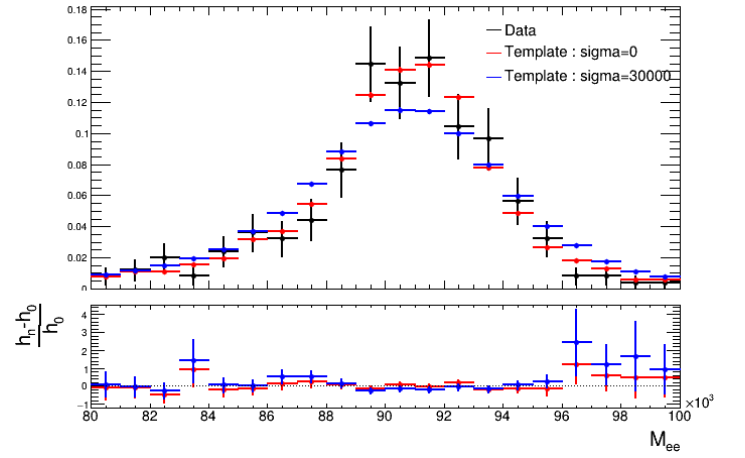
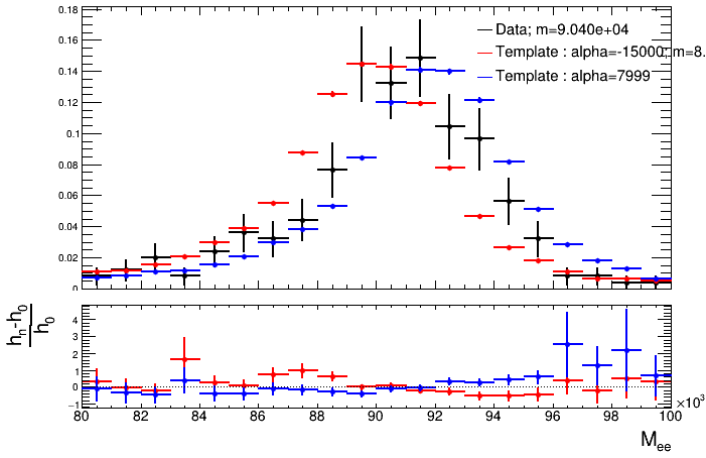
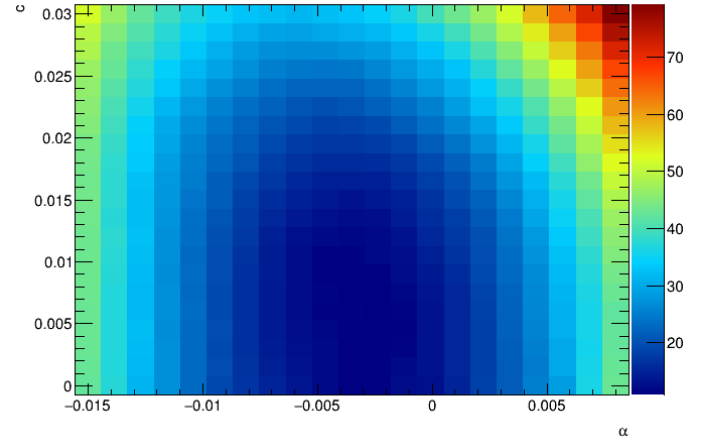
MCEvents : 59196

DataEvents : 291

ThresholdMass : 56.3265

$$\alpha_{ij} = -0.00337723 \pm 0.0020361$$

$$\sigma_{ij} = 0.00525901 \pm 0.00592155$$



43 ChiMatrix_8_6

Results

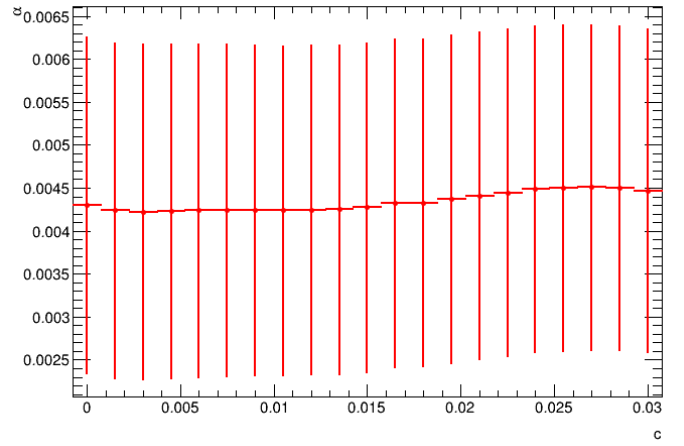
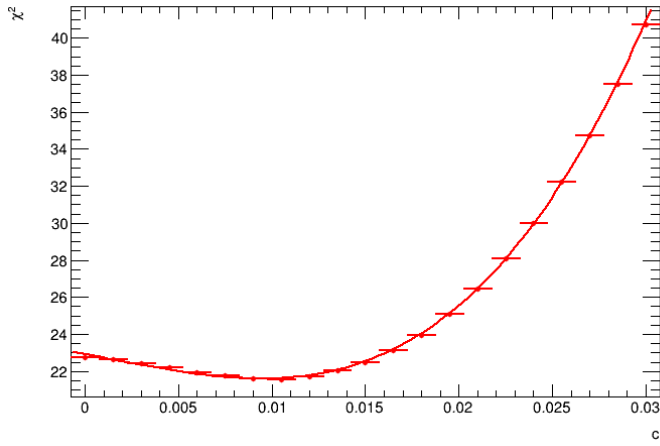
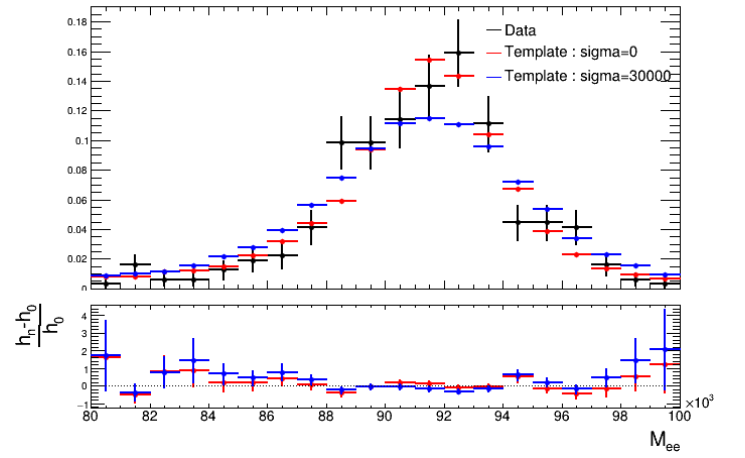
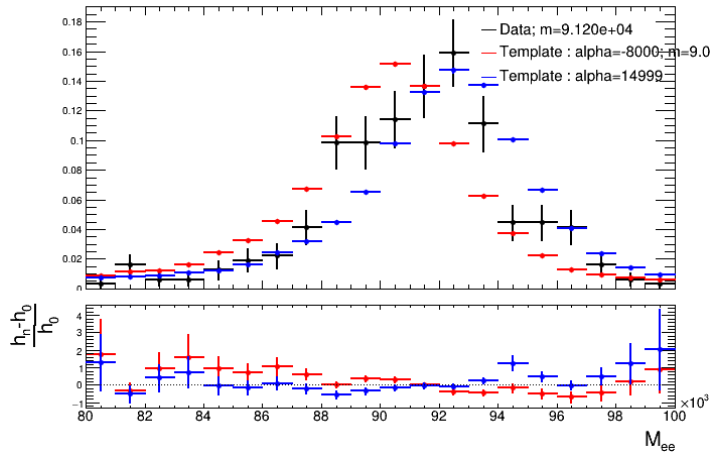
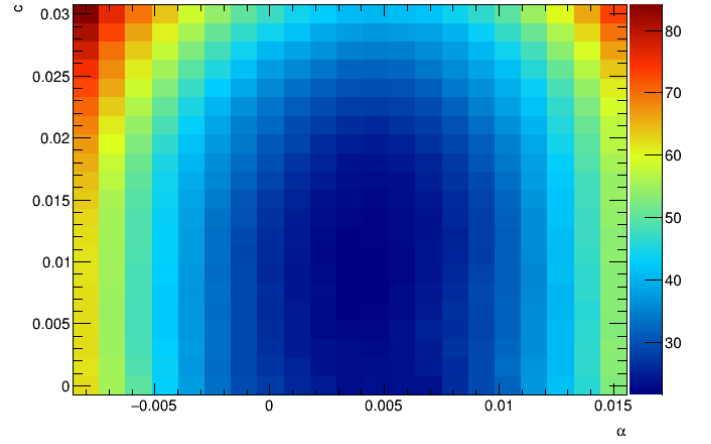
MCEvents : 73026

DataEvents : 353

ThresholdMass : 55.0836

$$\alpha_{ij} = 0.00424154 \pm 0.00192486$$

$$\sigma_{ij} = 0.00946724 \pm 0.00574156$$



44 ChiMatrix_8_7

Results

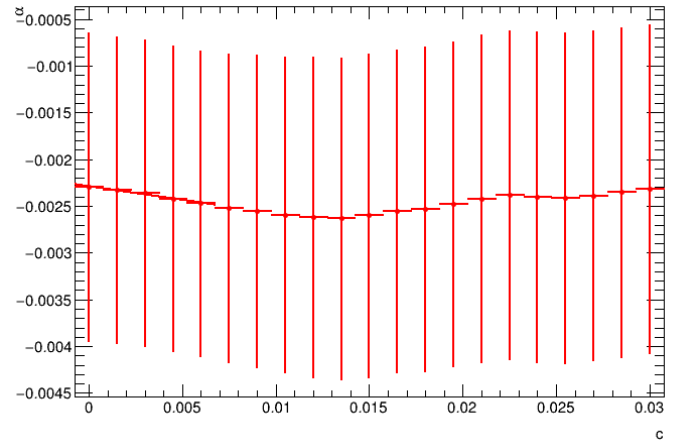
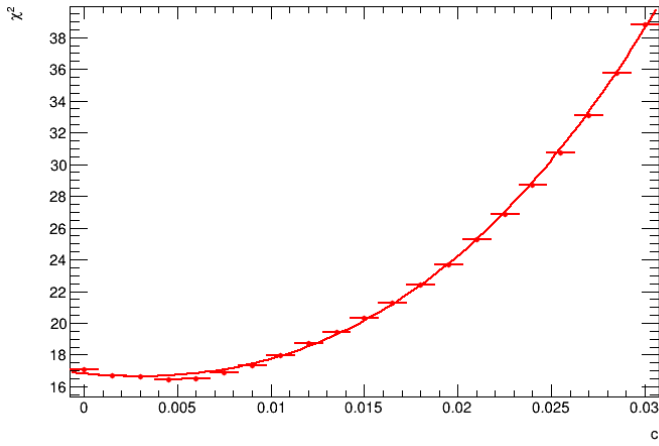
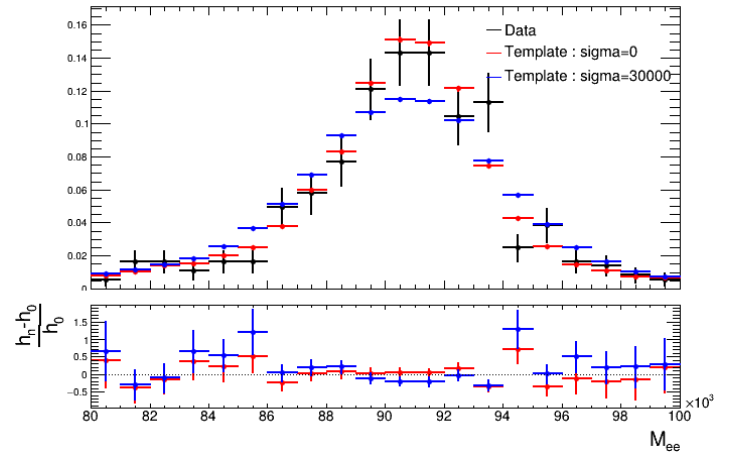
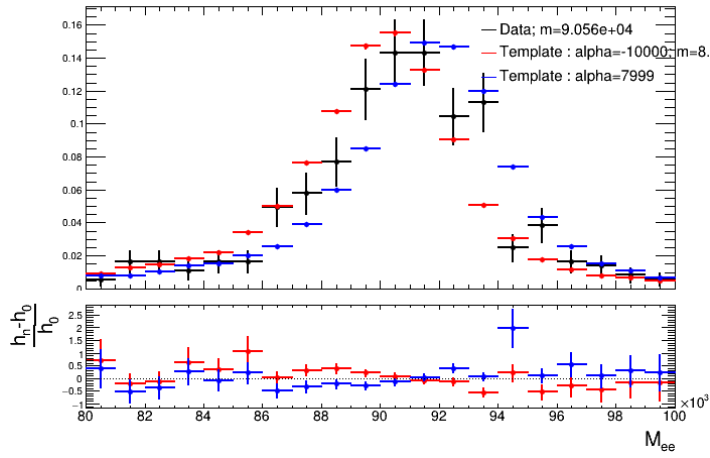
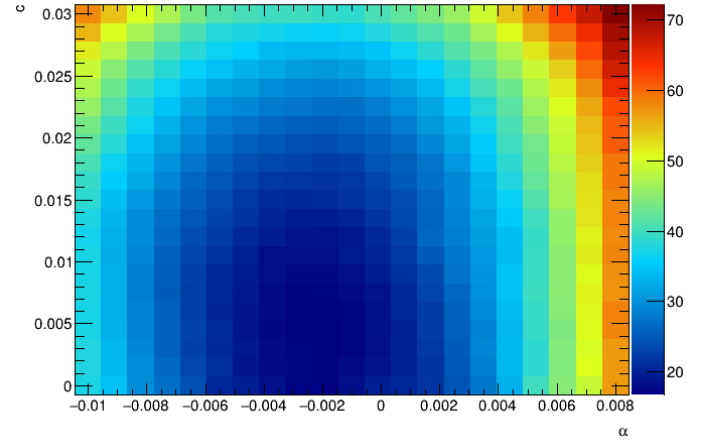
MCEvents : 75726

DataEvents : 402

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00237637 \pm 0.00163958$$

$$\sigma_{ij} = 0.00302408 \pm 0.00669795$$



45 ChiMatrix_8_8

Results

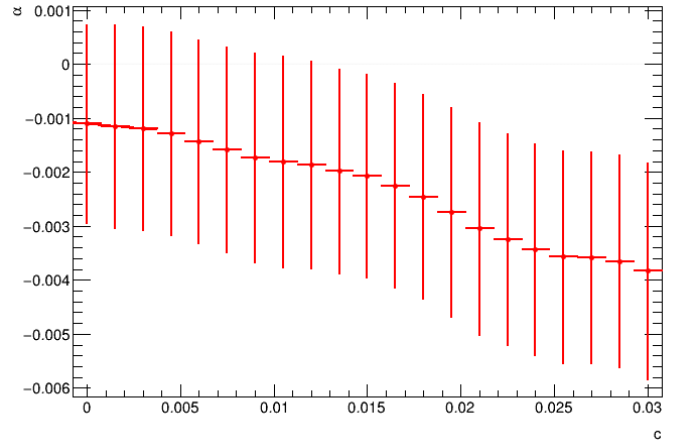
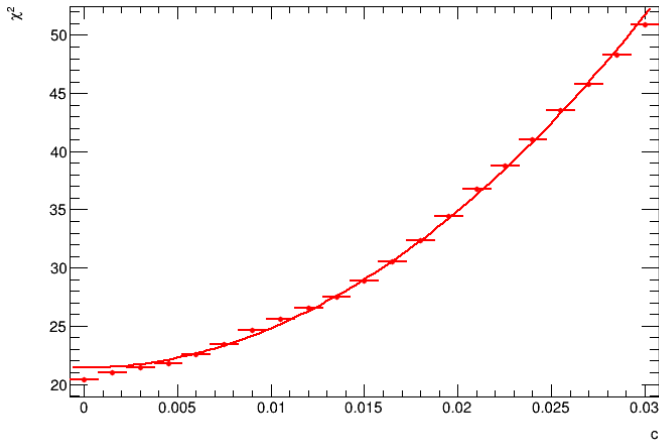
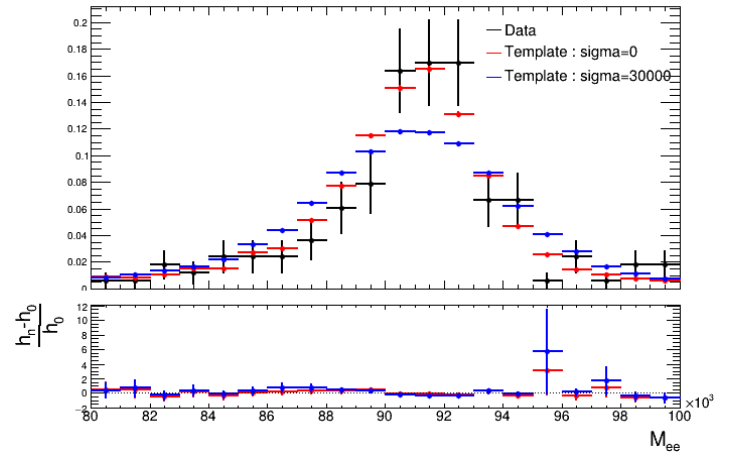
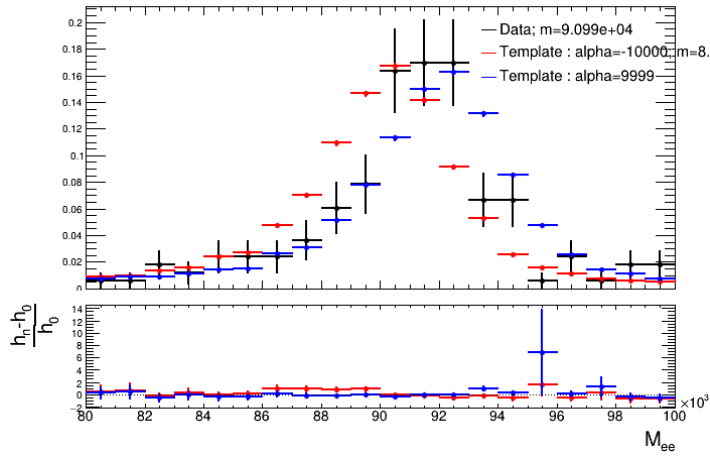
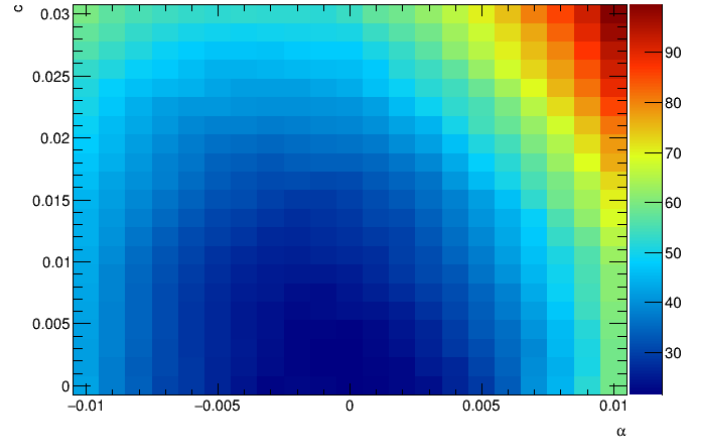
MCEvents : 38568

DataEvents : 184

ThresholdMass : 54

$$\alpha_{ij} = -0.00112737 \pm 0.00184458$$

$$\sigma_{ij} = 0 \pm 0.00545407$$



46 ChiMatrix_9_2

Results

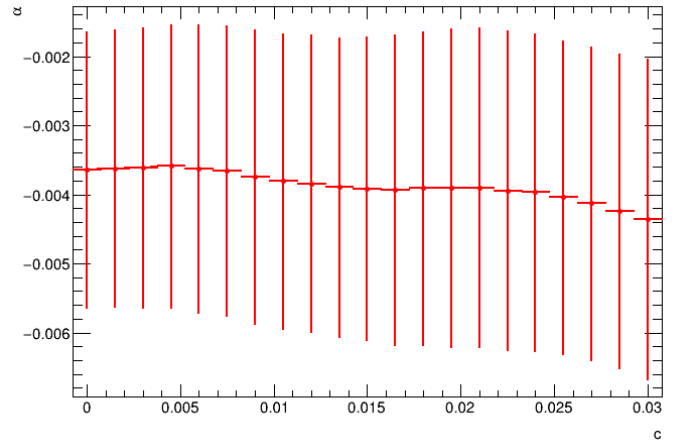
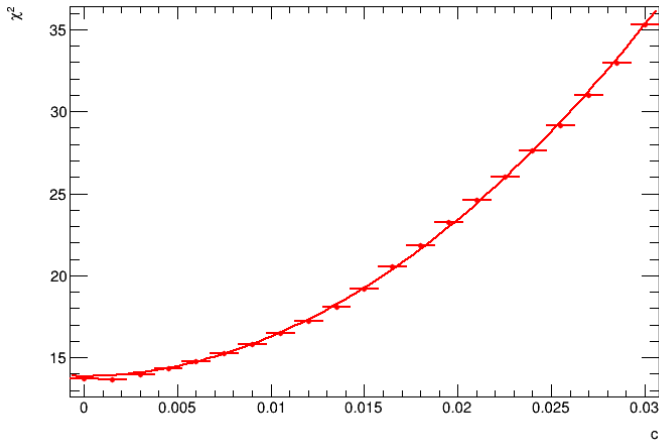
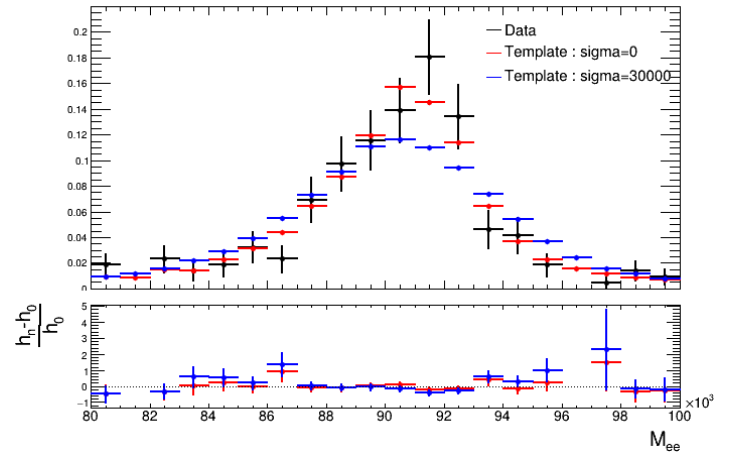
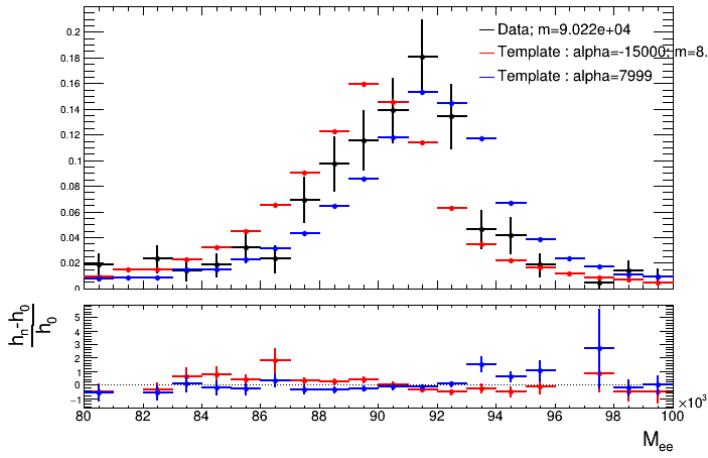
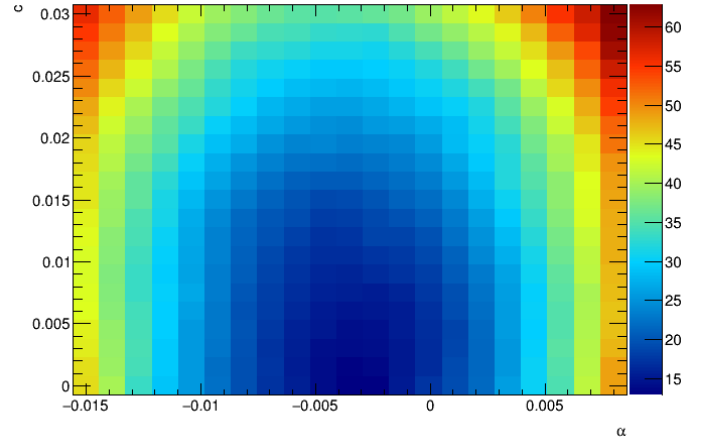
MCEvents : 51564

DataEvents : 233

ThresholdMass : 67.7791

$$\alpha_{ij} = -0.0036334 \pm 0.00200129$$

$$\sigma_{ij} = 0 \pm 0.00648257$$



47 ChiMatrix_9_3

Results

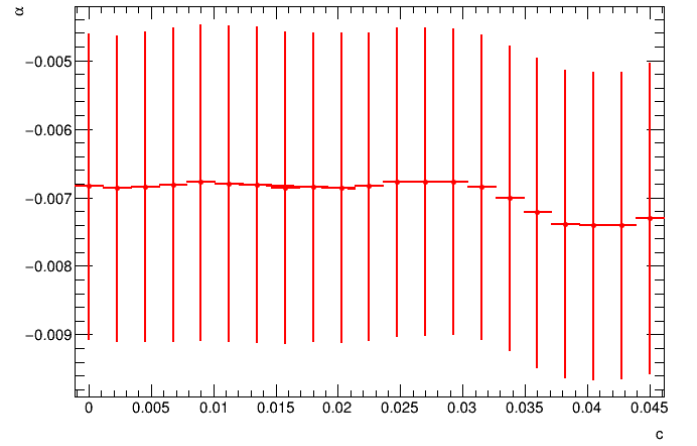
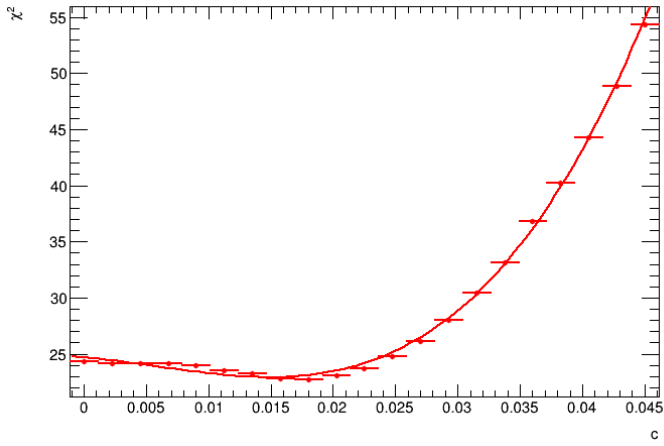
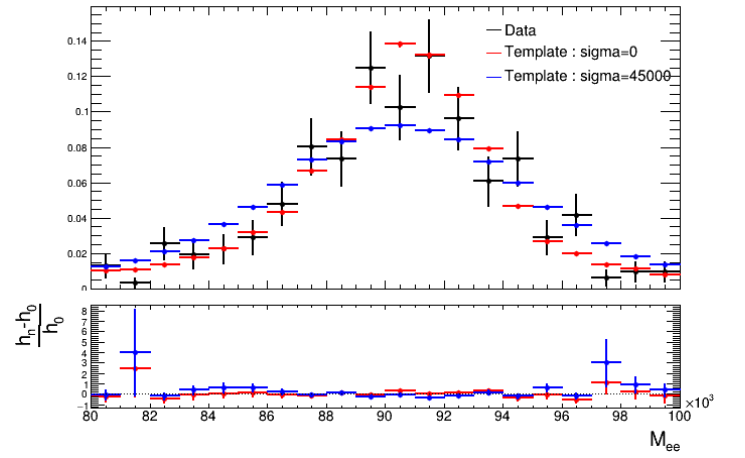
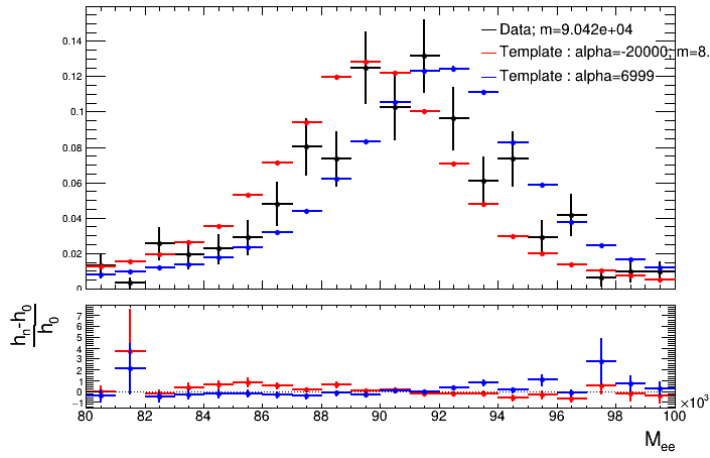
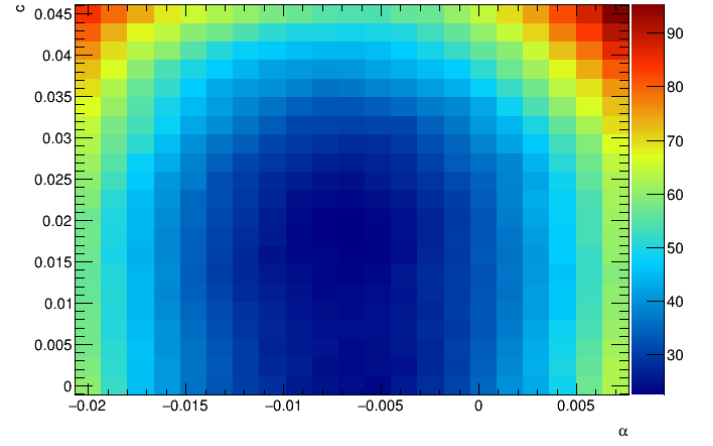
MCEvents : 75534

DataEvents : 350

ThresholdMass : 63.5904

$$\alpha_{ij} = -0.00682775 \pm 0.00227328$$

$$\sigma_{ij} = 0.0149955 \pm 0.00686658$$



48 ChiMatrix_9_4

Results

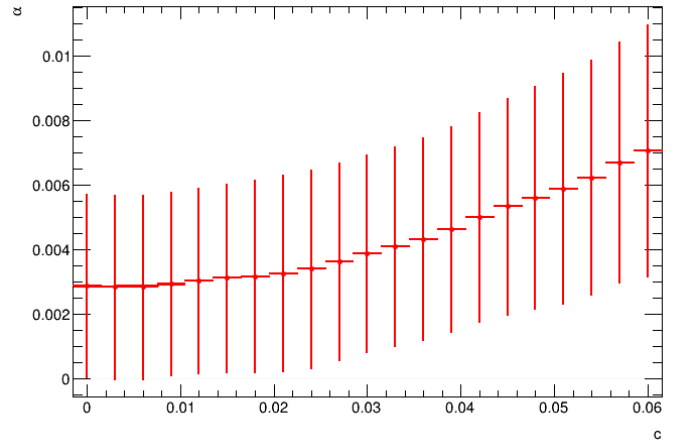
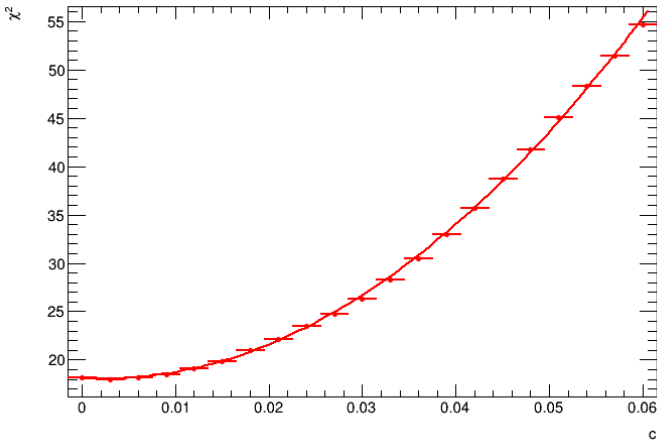
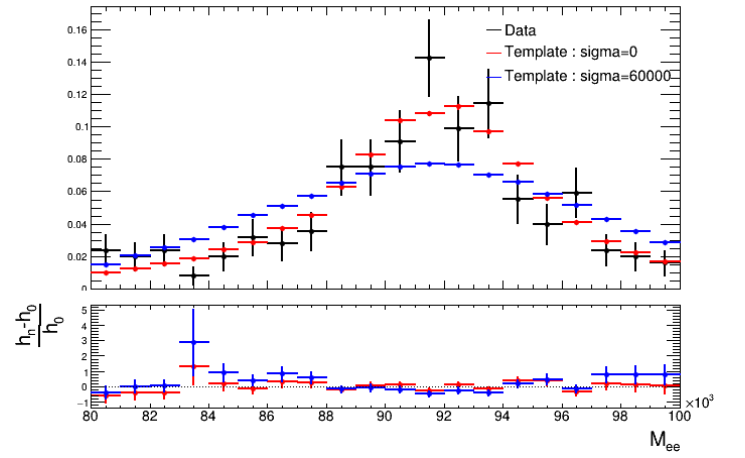
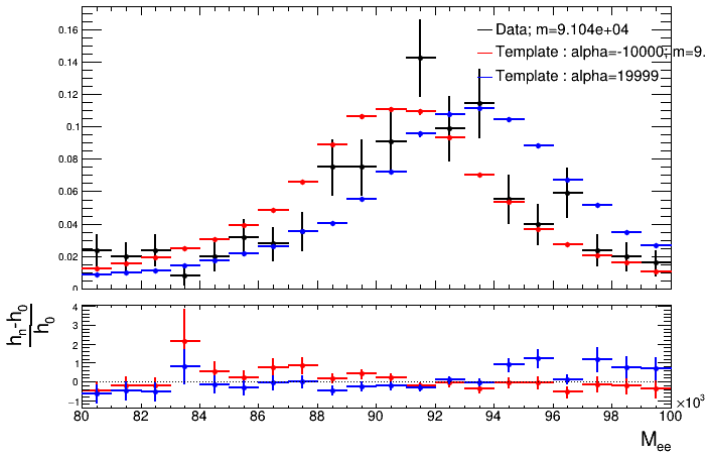
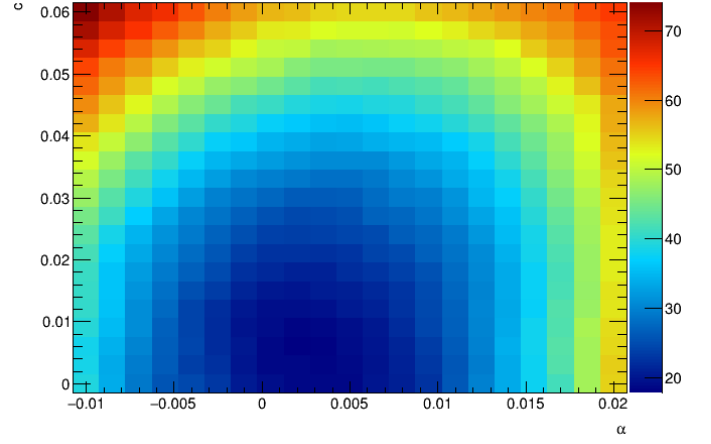
MCEvents : 58410

DataEvents : 285

ThresholdMass : 60.3412

$$\alpha_{ij} = 0.00285842 \pm 0.00284468$$

$$\sigma_{ij} = 0.00229994 \pm 0.00945958$$



49 ChiMatrix_9_5

Results

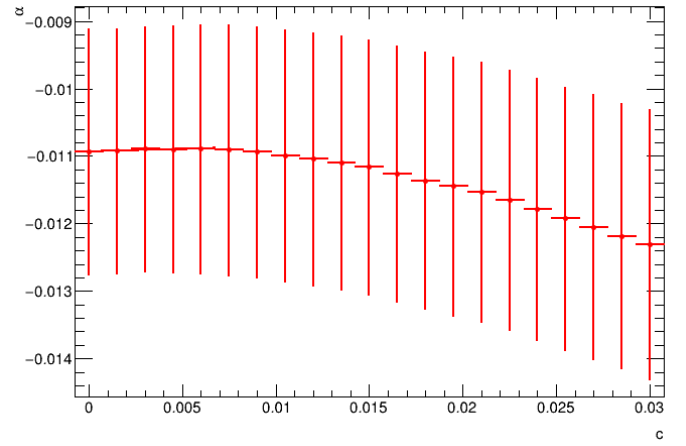
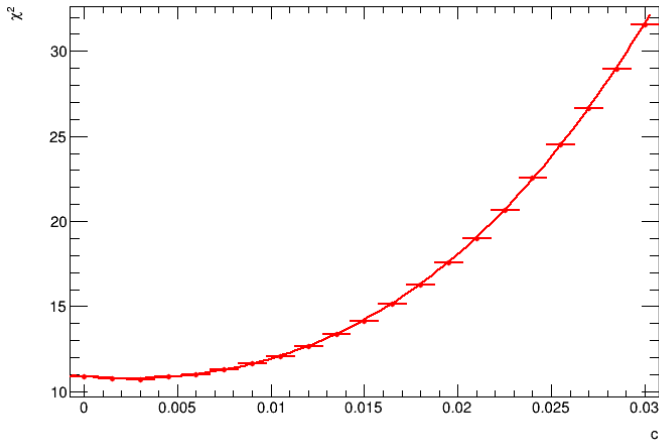
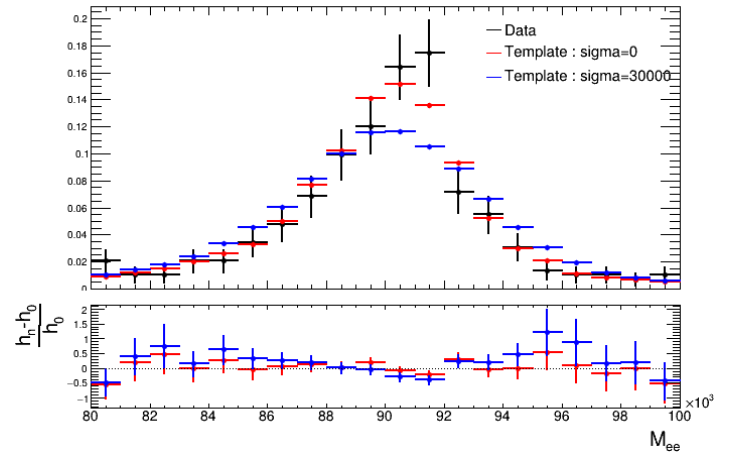
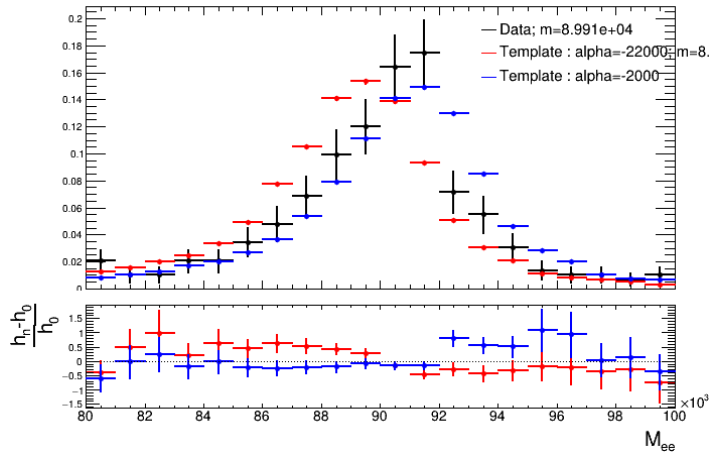
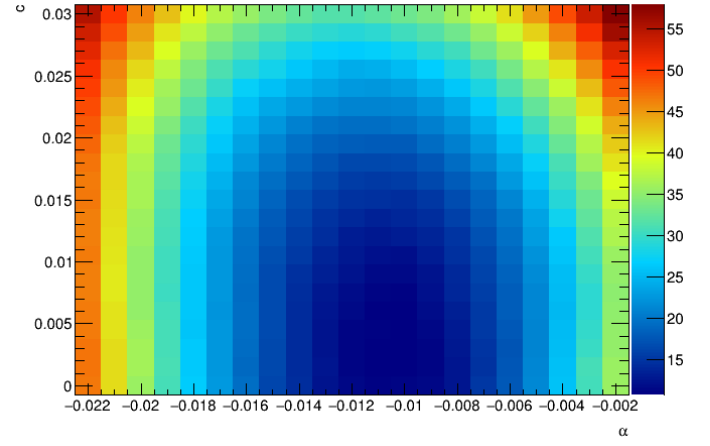
MCEvents : 59340

DataEvents : 323

ThresholdMass : 58.2132

$$\alpha_{ij} = -0.0109124 \pm 0.00181869$$

$$\sigma_{ij} = 0.00247666 \pm 0.00711665$$



50 ChiMatrix_9_6

Results

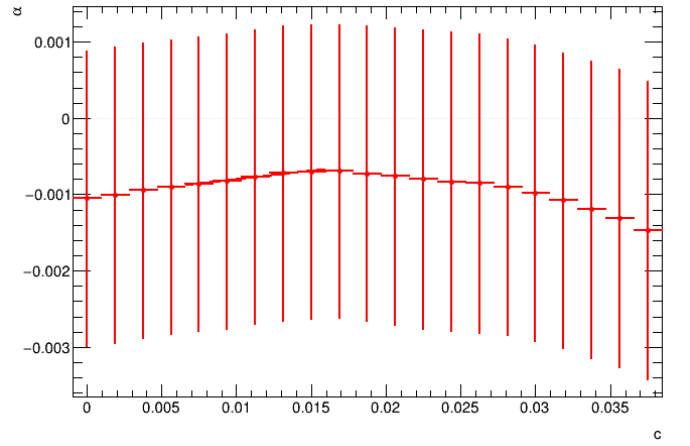
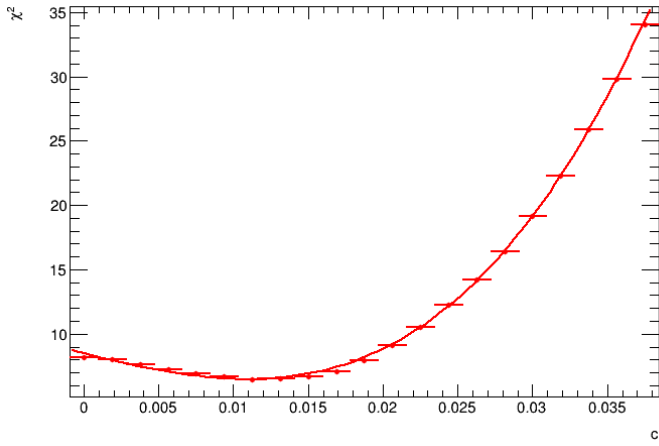
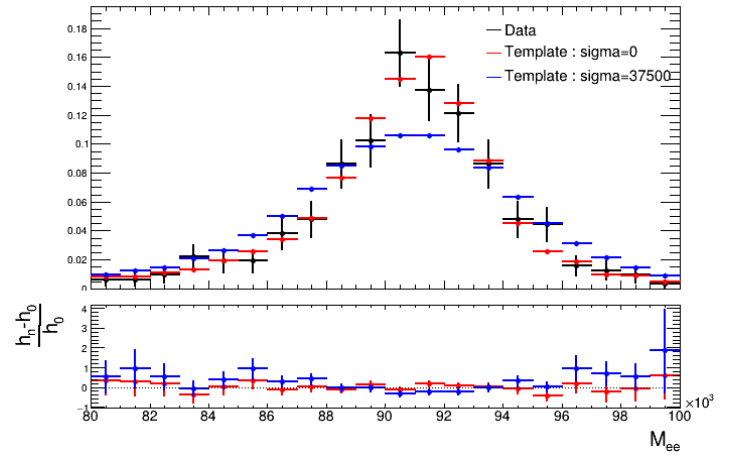
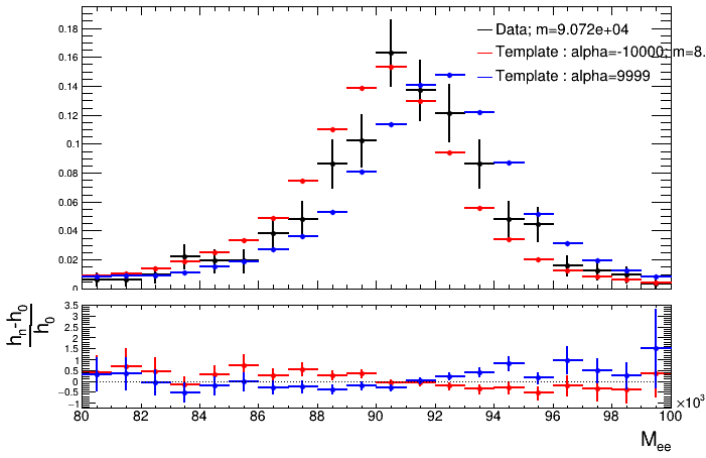
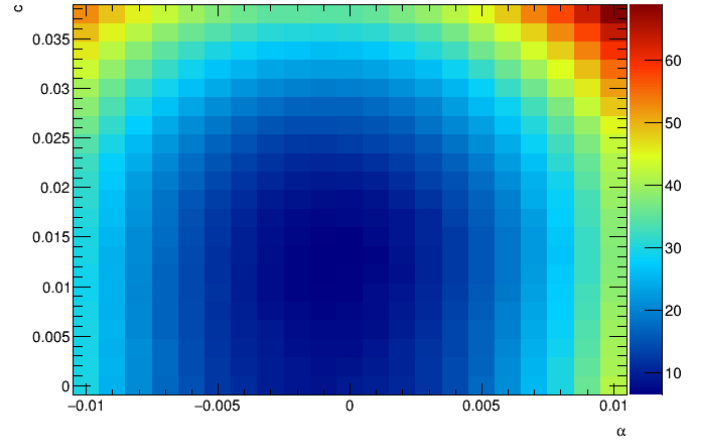
MCEvents : 72798

DataEvents : 360

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.000780737 \pm 0.00193072$$

$$\sigma_{ij} = 0.010999 \pm 0.00607921$$



51 ChiMatrix_9_7

Results

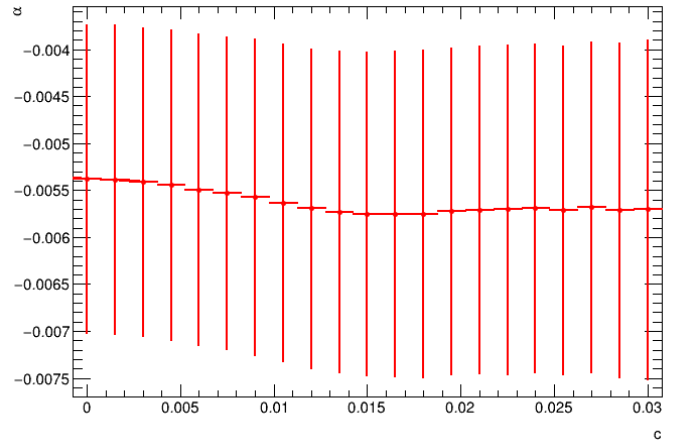
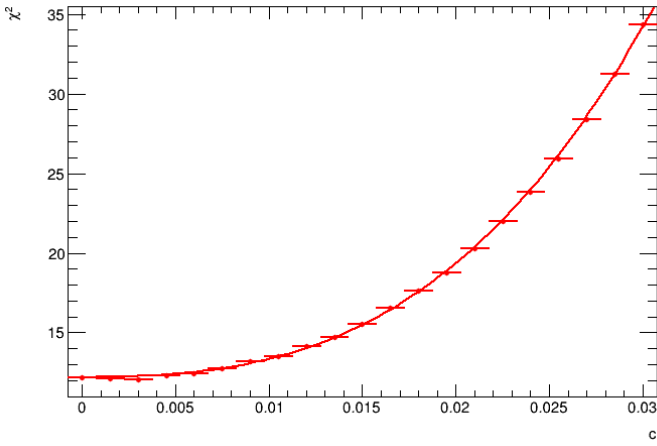
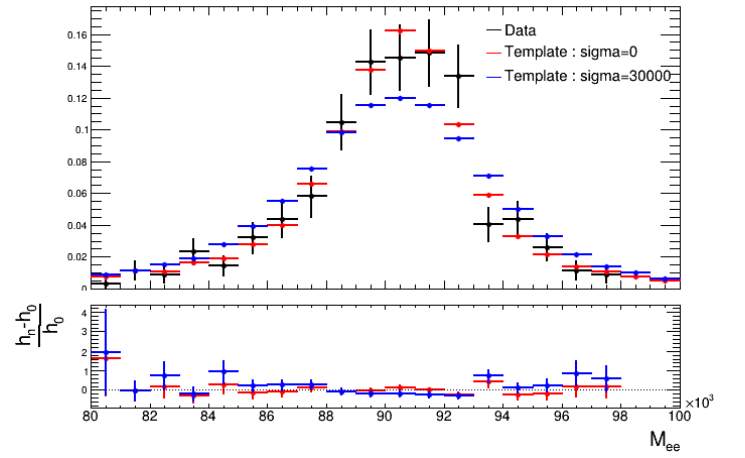
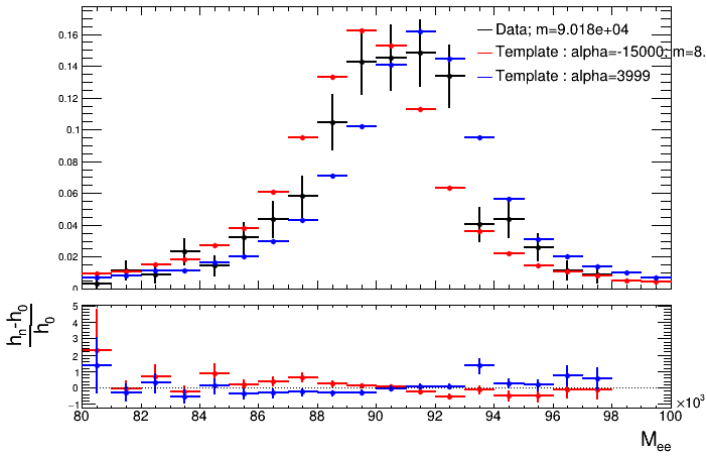
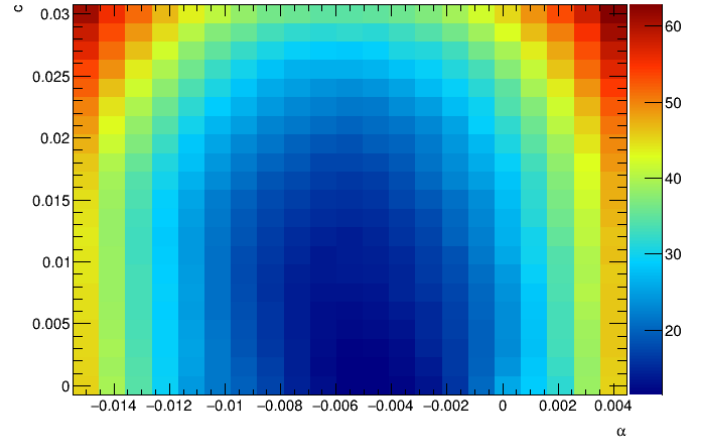
MCEvents : 76986

DataEvents : 393

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.00537624 \pm 0.00164567$$

$$\sigma_{ij} = 1.16359e - 13 \pm 0.00958685$$



52 ChiMatrix_9_8

Results

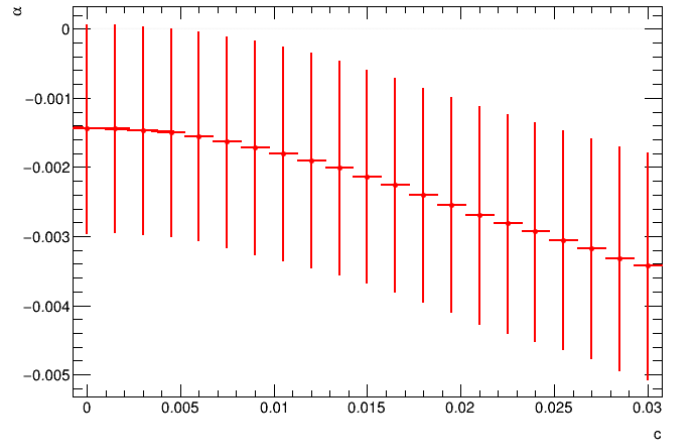
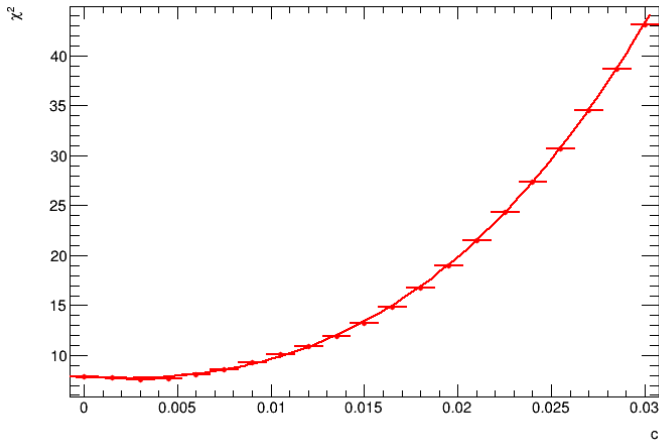
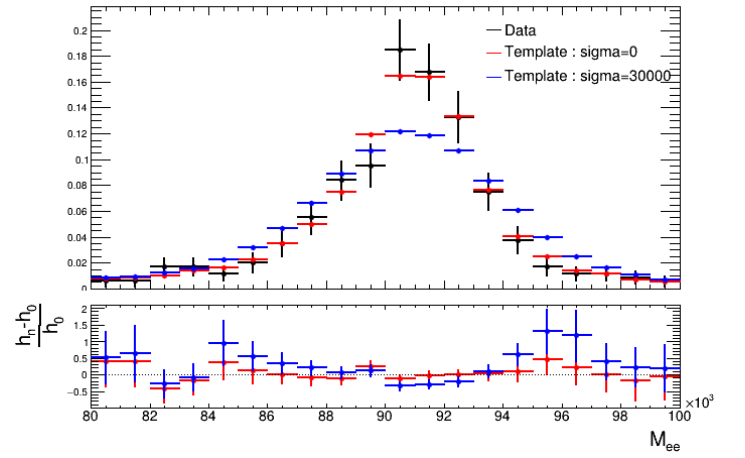
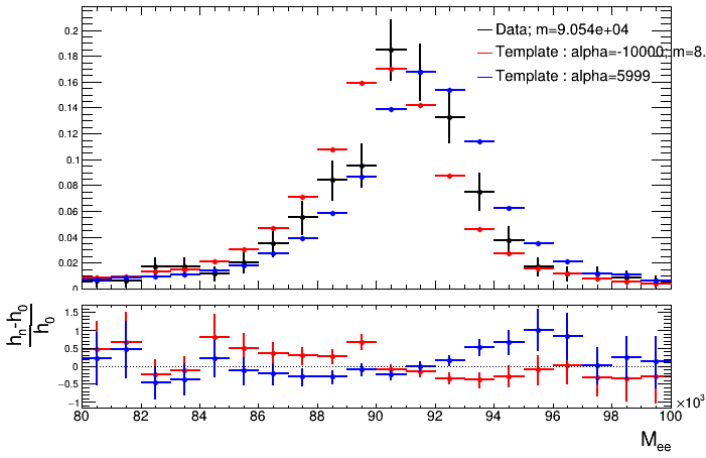
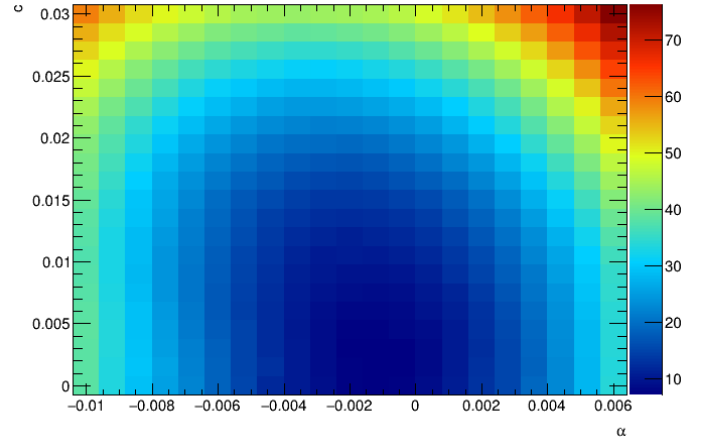
MCEvents : 77454

DataEvents : 395

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00145841 \pm 0.00150541$$

$$\sigma_{ij} = 0.00200273 \pm 0.0059972$$



53 ChiMatrix_9_9

Results

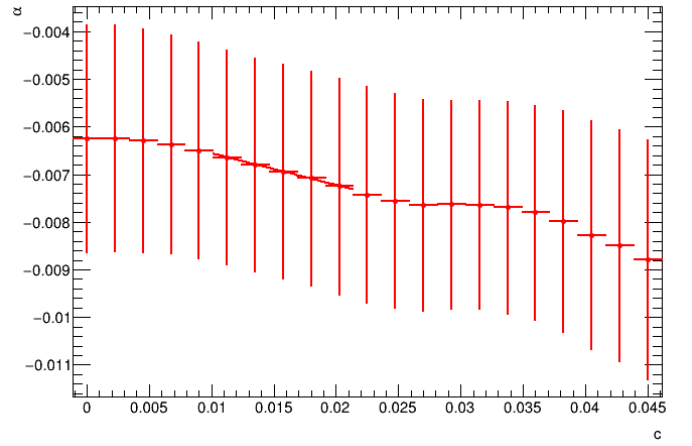
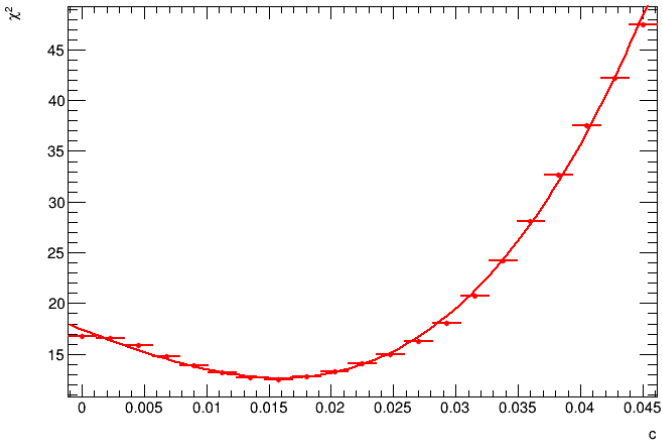
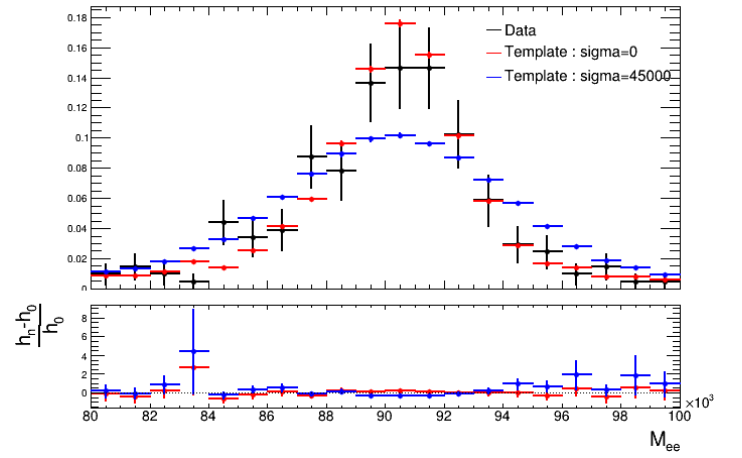
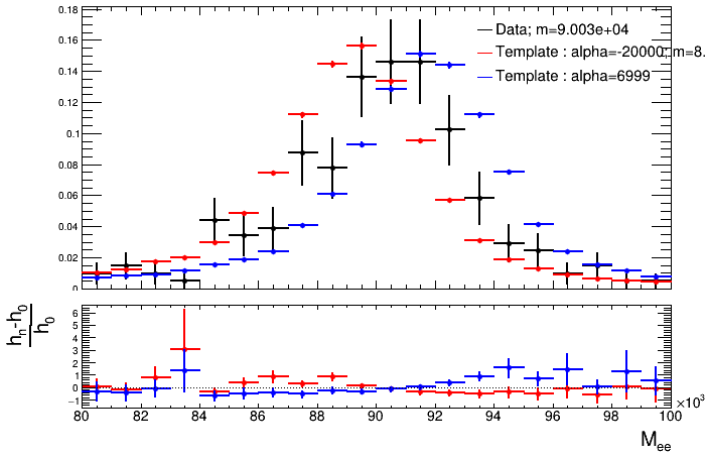
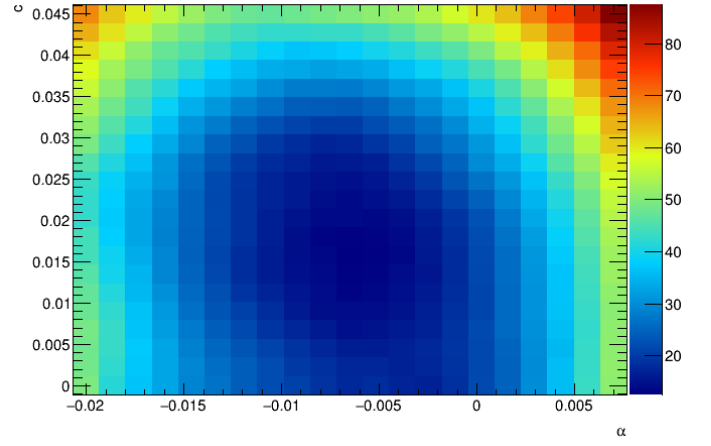
MCEvents : 39402

DataEvents : 230

ThresholdMass : 54

$$\alpha_{ij} = -0.00695426 \pm 0.00225728$$

$$\sigma_{ij} = 0.0159255 \pm 0.00576195$$



54 ChiMatrix_10_3

Results

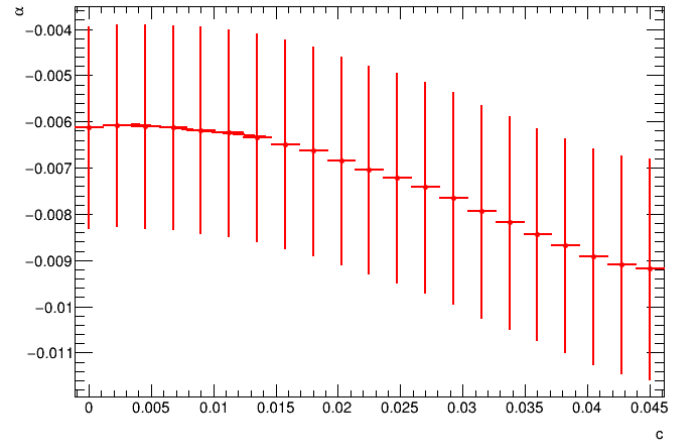
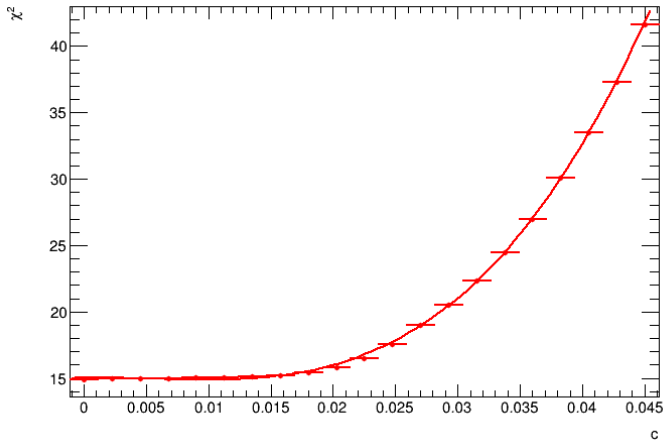
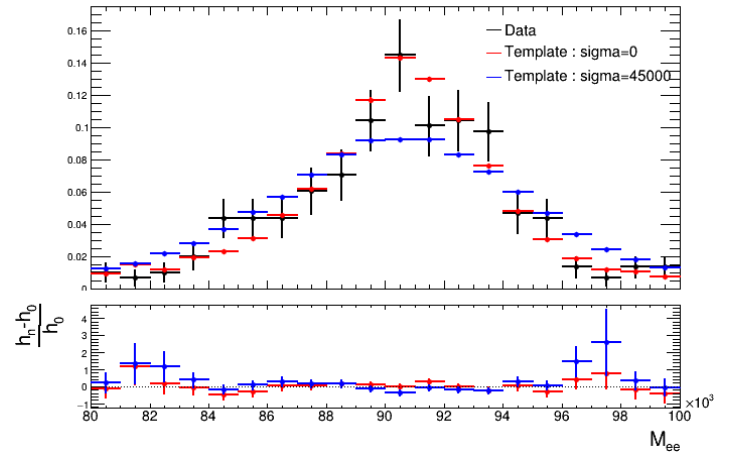
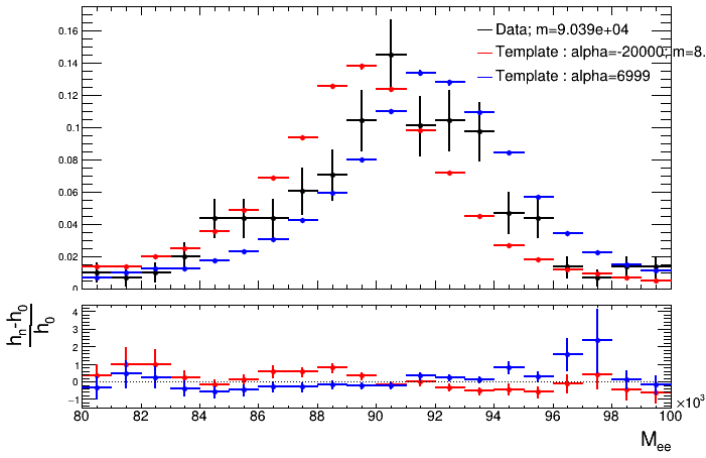
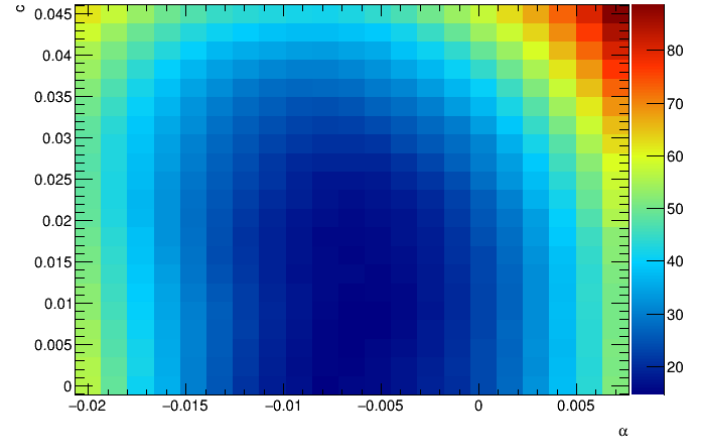
MCEvents : 67248

DataEvents : 321

ThresholdMass : 67.2724

$$\alpha_{ij} = -0.00621964 \pm 0.00222676$$

$$\sigma_{ij} = 0.00981893 \pm 0.00982994$$



55 ChiMatrix_10_4

Results

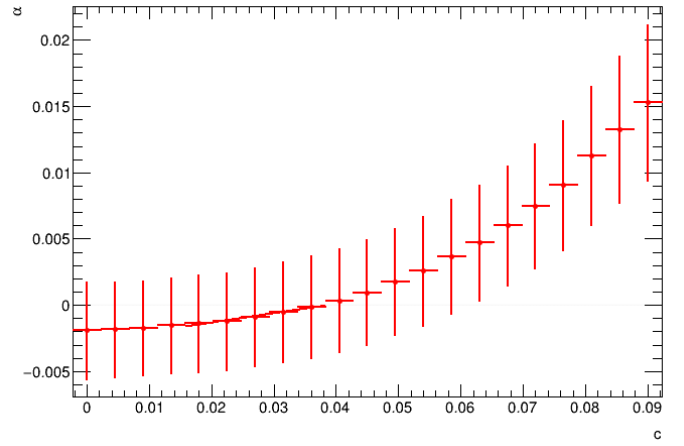
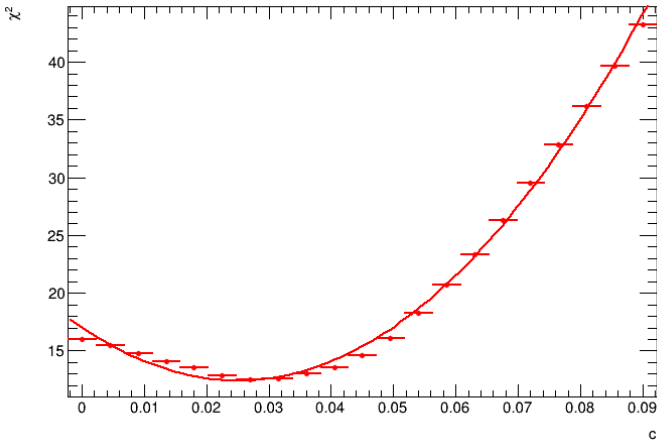
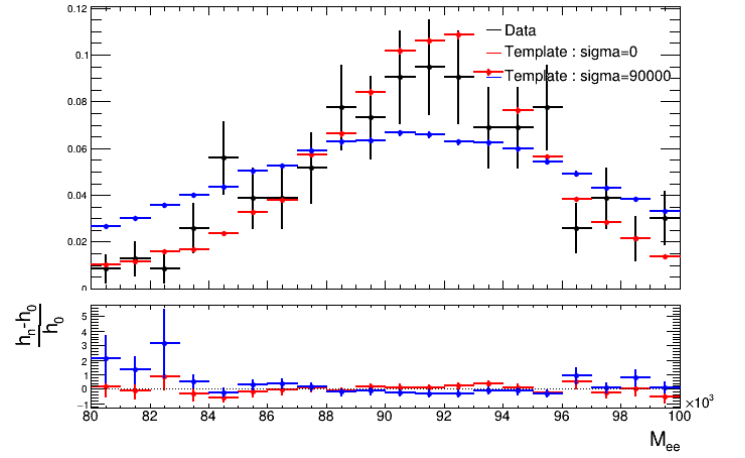
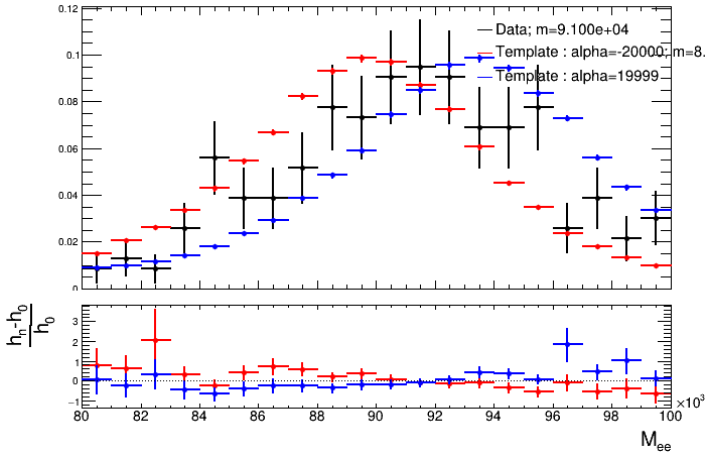
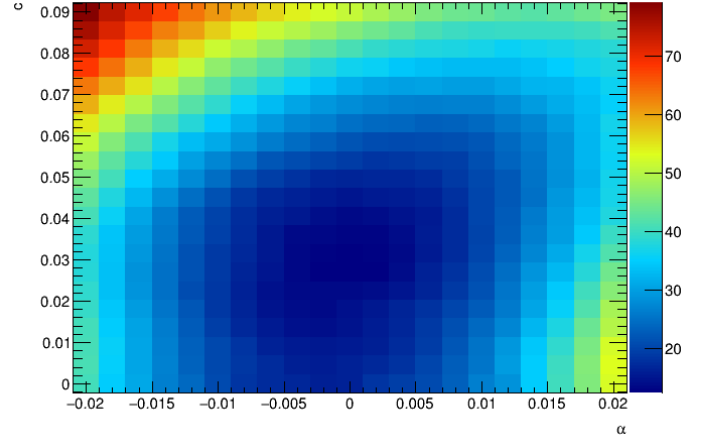
MCEvents : 55104

DataEvents : 273

ThresholdMass : 63.3403

$$\alpha_{ij} = -0.000974948 \pm 0.00373421$$

$$\sigma_{ij} = 0.0251185 \pm 0.0116448$$



56 ChiMatrix_10_5

Results

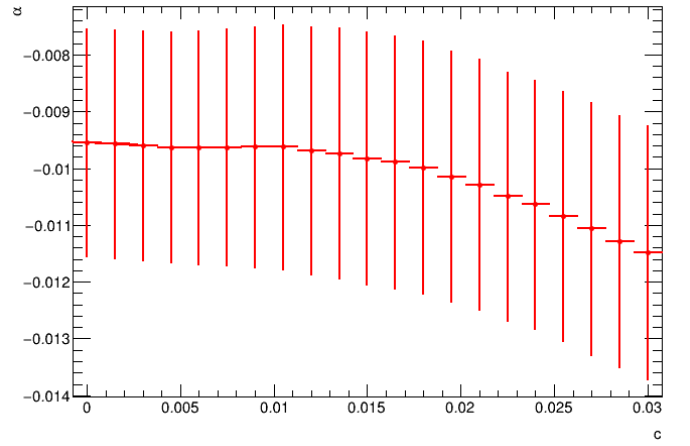
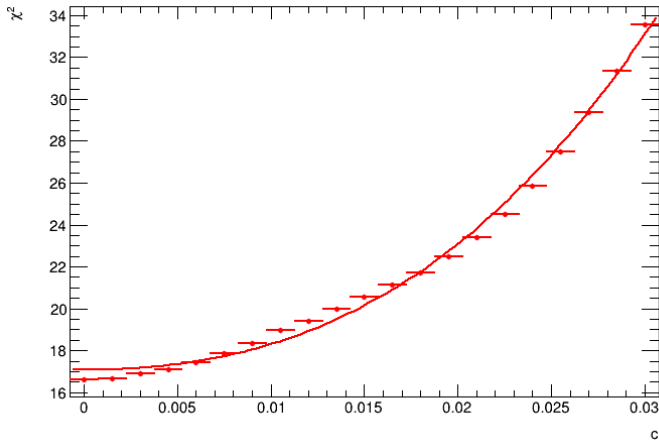
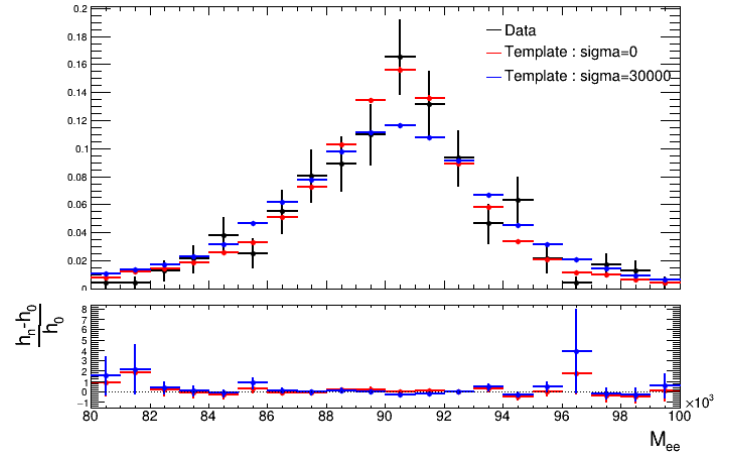
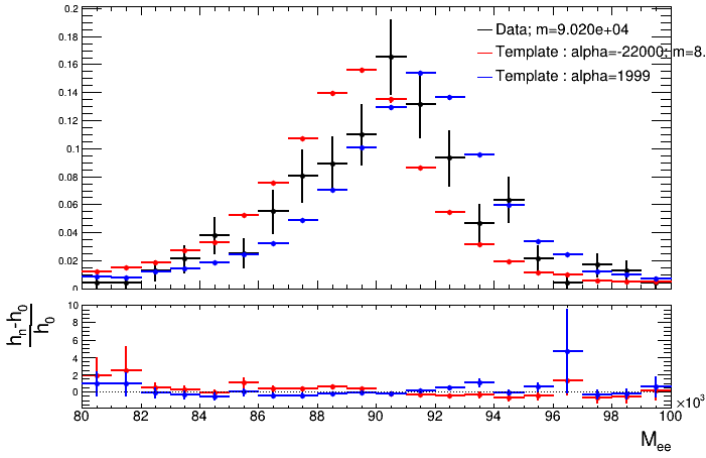
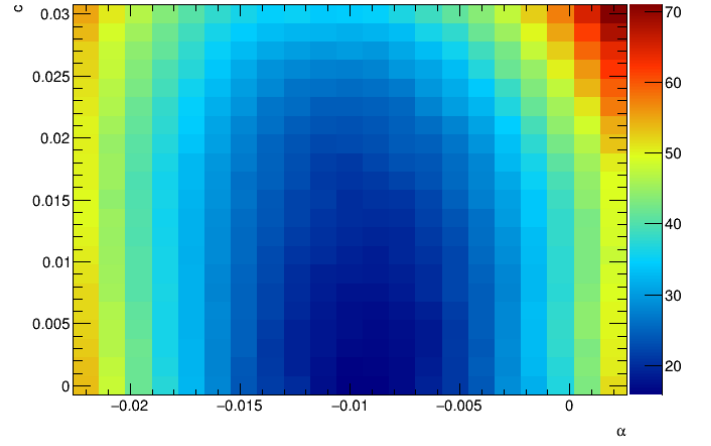
MCEvents : 54786

DataEvents : 267

ThresholdMass : 60.6825

$$\alpha_{ij} = -0.00954788 \pm 0.00200475$$

$$\sigma_{ij} = 9.51925e - 14 \pm 0.00916644$$



57 ChiMatrix_10_6

Results

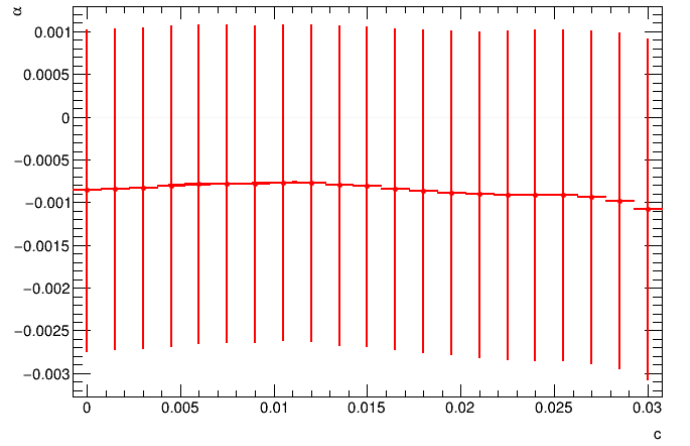
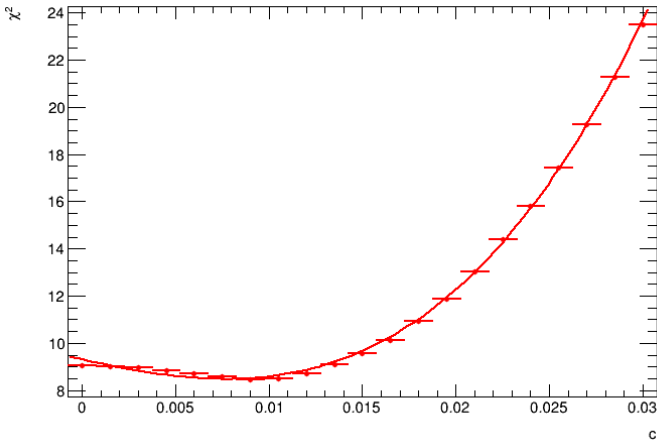
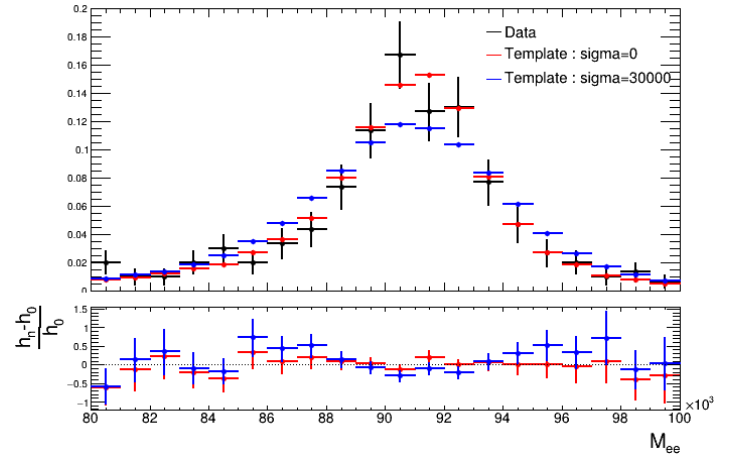
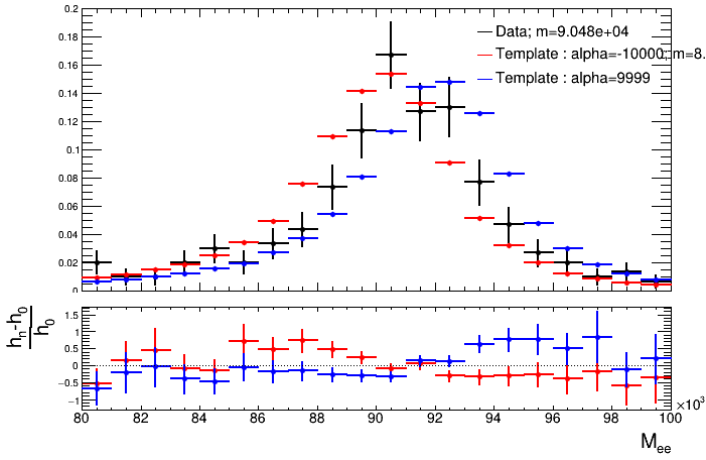
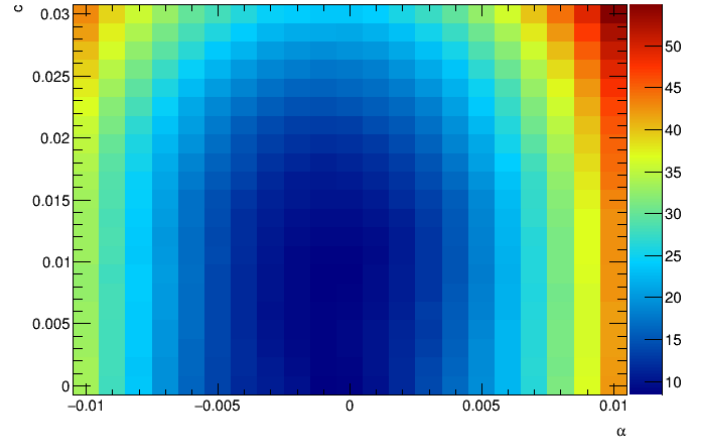
MCEvents : 71394

DataEvents : 338

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.000783288 \pm 0.0018595$$

$$\sigma_{ij} = 0.00772711 \pm 0.00675061$$



58 ChiMatrix_10_7

Results

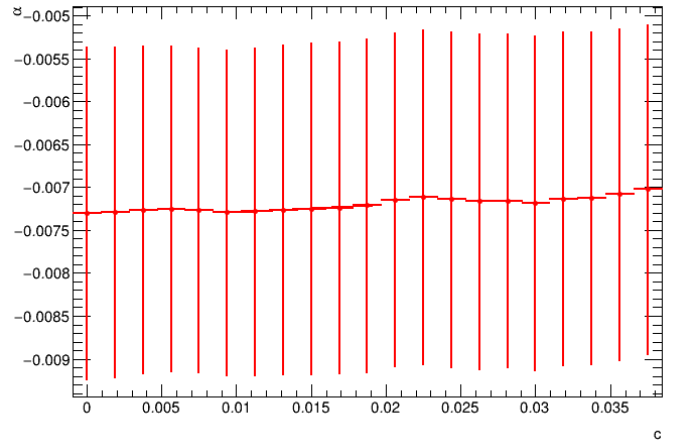
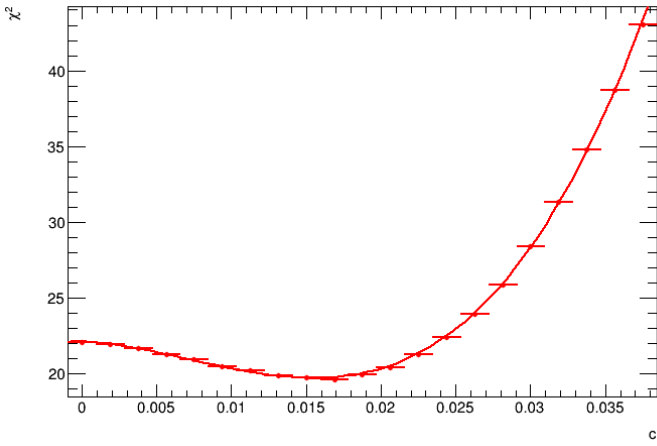
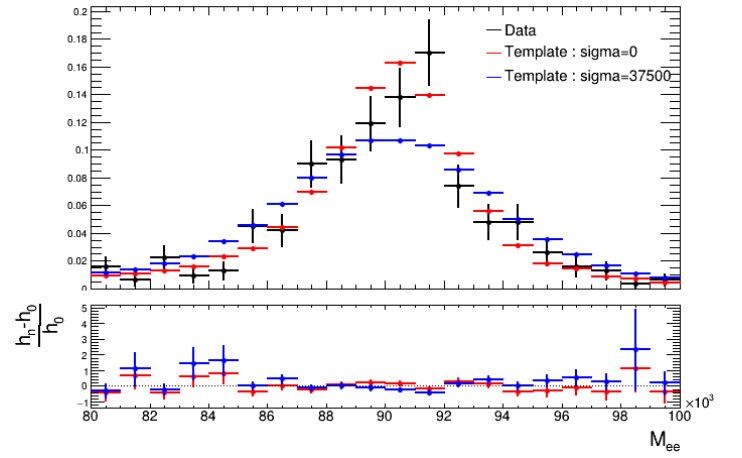
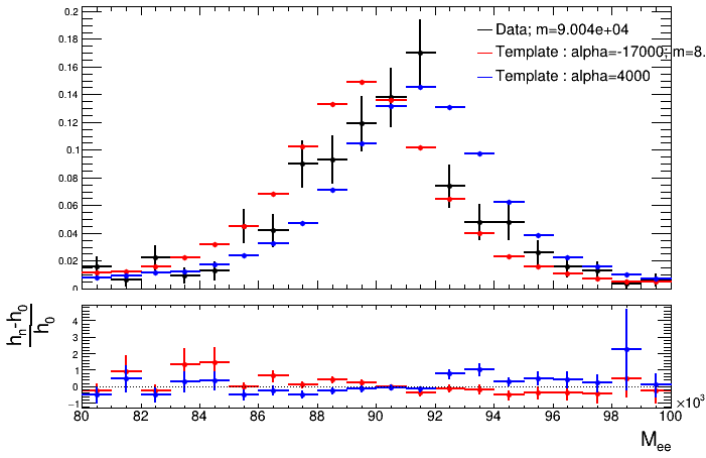
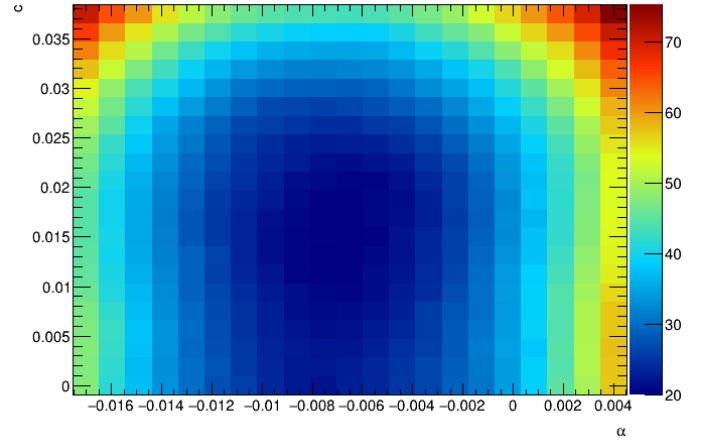
MCEvents : 73416

DataEvents : 351

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00724371 \pm 0.00193068$$

$$\sigma_{ij} = 0.015553 \pm 0.00559262$$



59 ChiMatrix_10_8

Results

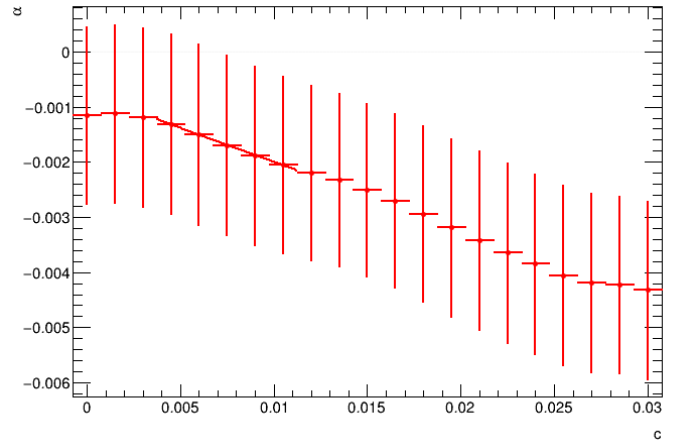
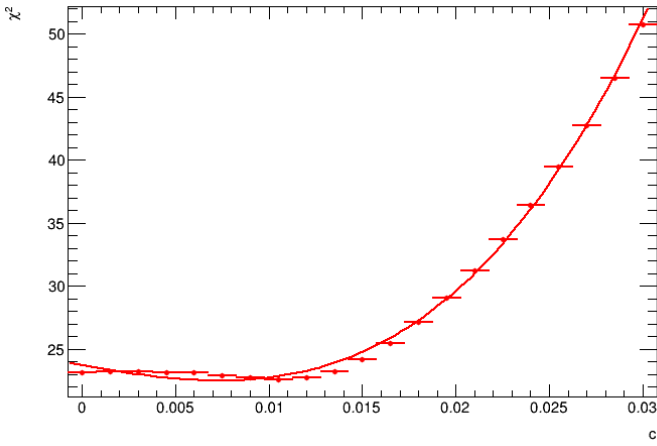
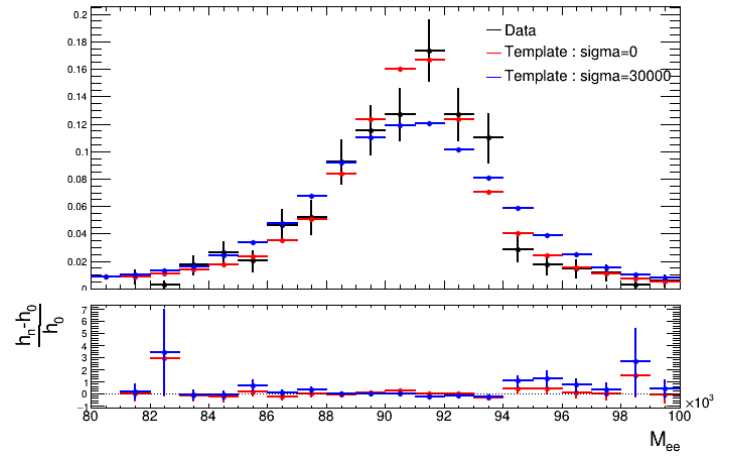
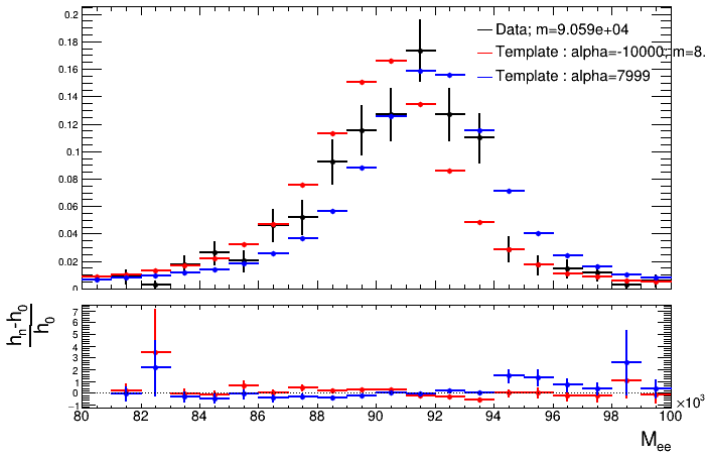
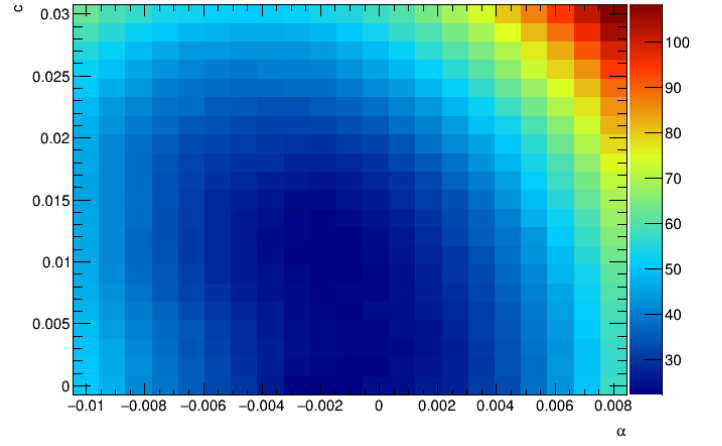
MCEvents : 75864

DataEvents : 399

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.00168291 \pm 0.0016359$$

$$\sigma_{ij} = 0.00742388 \pm 0.00524211$$



60 ChiMatrix_10_9

Results

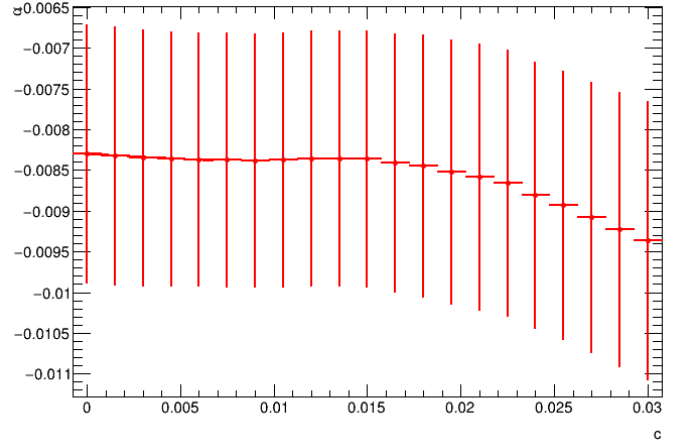
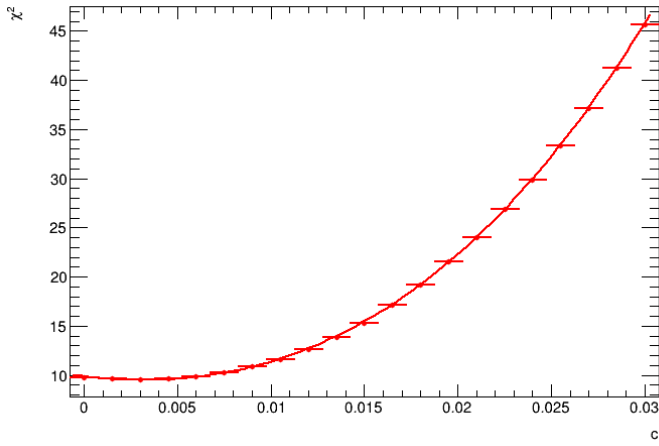
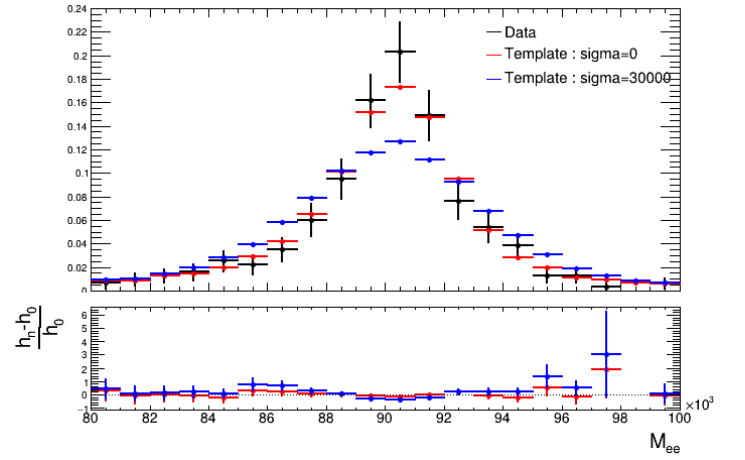
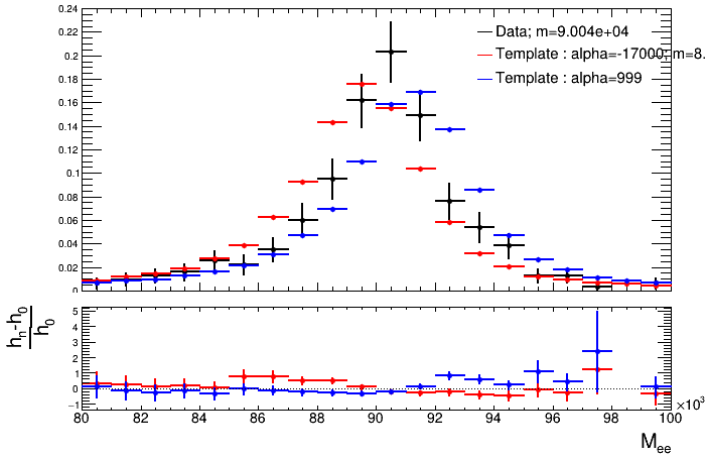
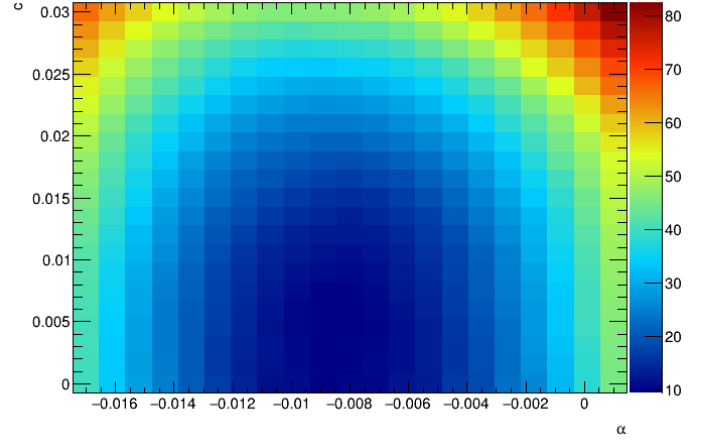
MCEvents : 75834

DataEvents : 361

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00834145 \pm 0.00156927$$

$$\sigma_{ij} = 0.00321541 \pm 0.00505854$$



61 ChiMatrix_10_10

Results

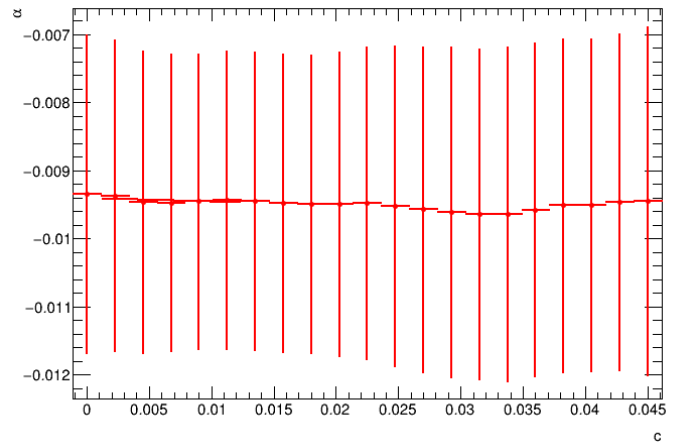
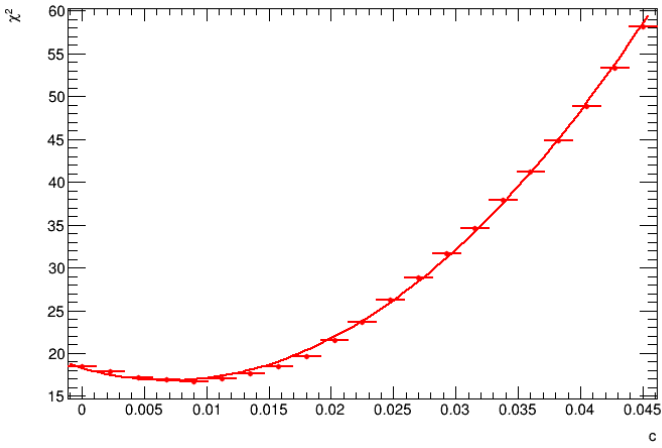
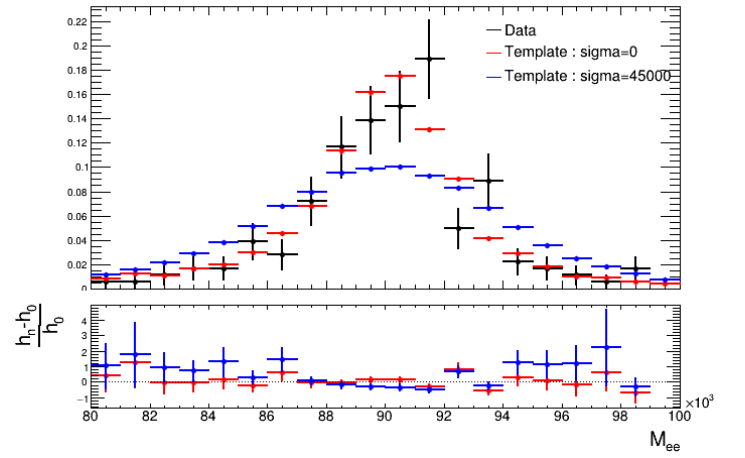
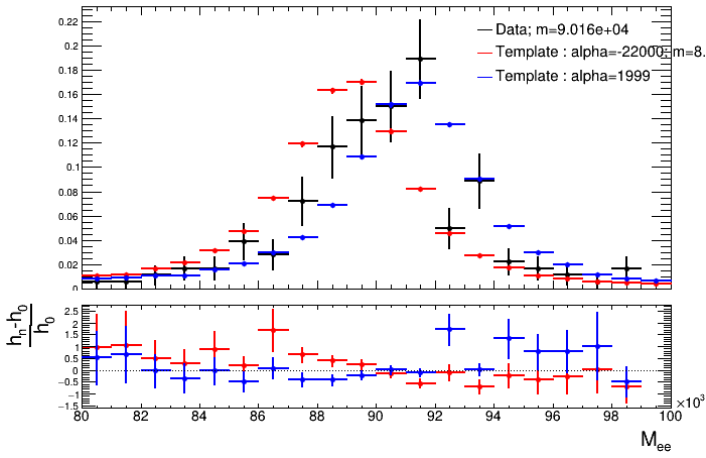
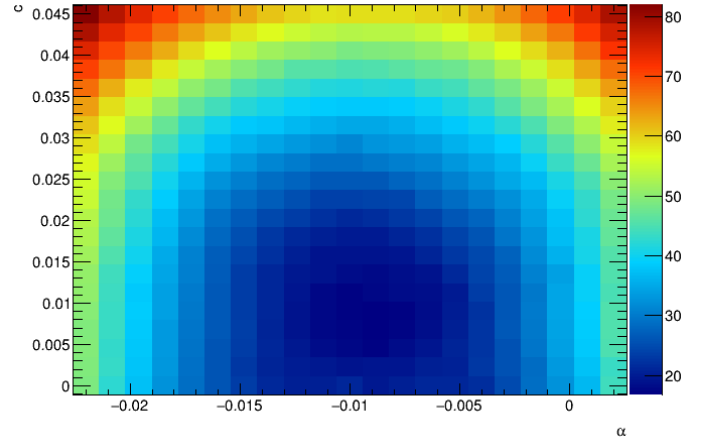
MCEvents : 38052

DataEvents : 199

ThresholdMass : 54

$$\alpha_{ij} = -0.00943757 \pm 0.00218778$$

$$\sigma_{ij} = 0.00704418 \pm 0.00588216$$



62 ChiMatrix_11_4

Results

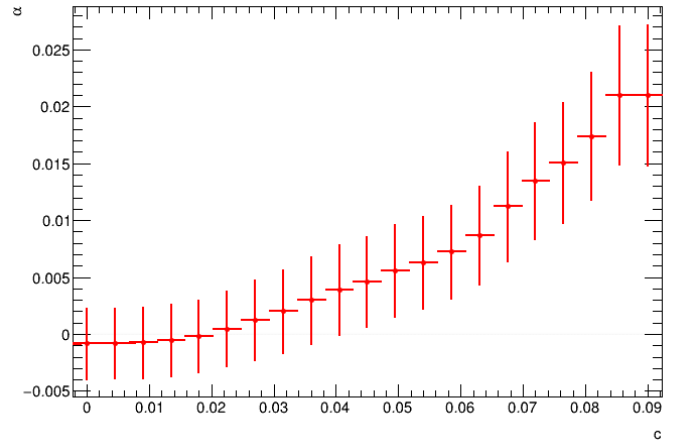
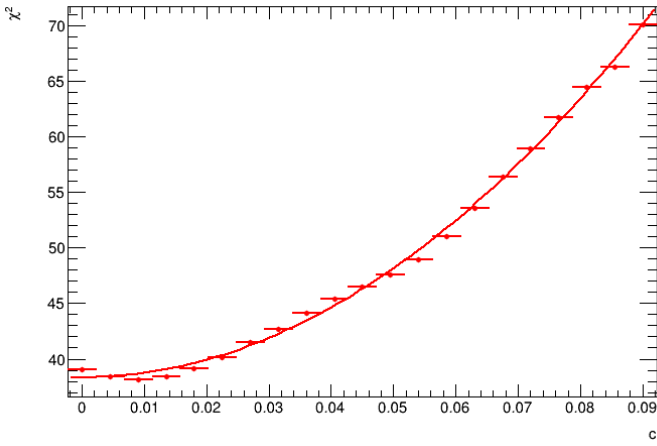
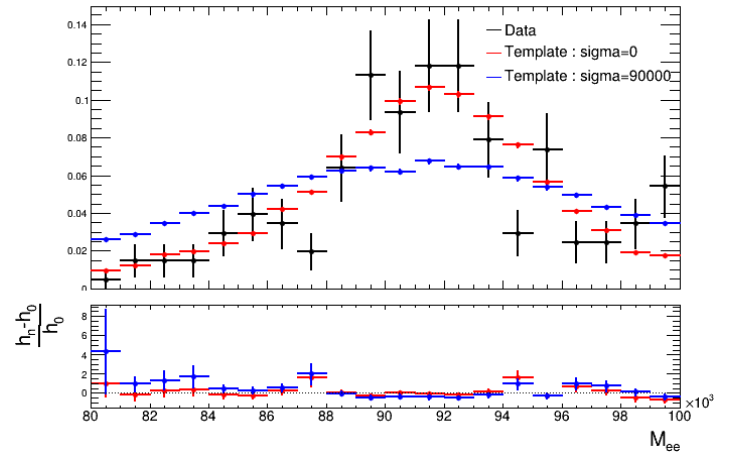
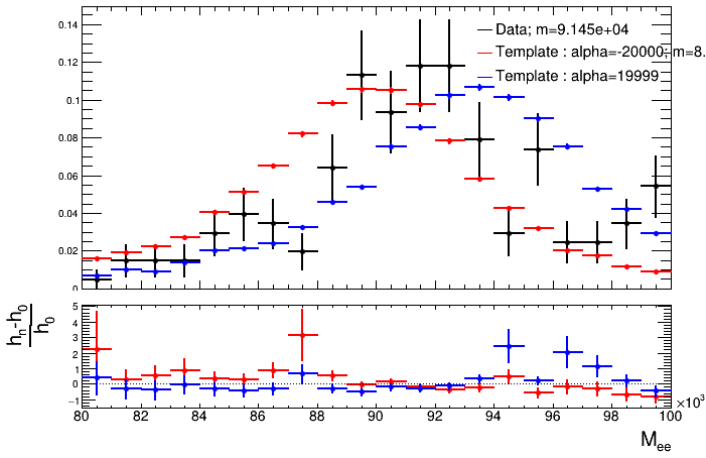
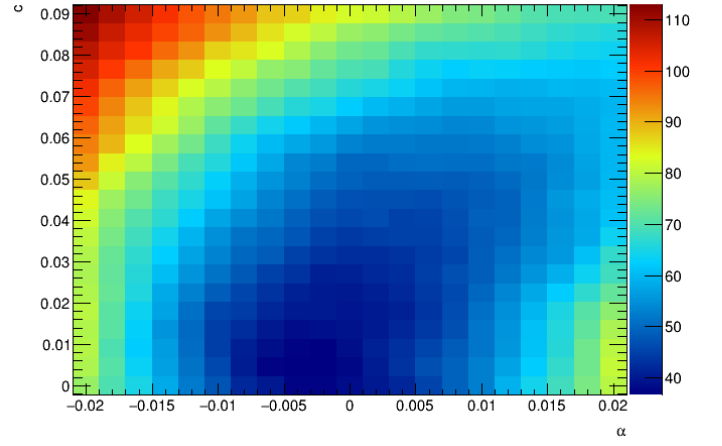
MCEvents : 50412

DataEvents : 230

ThresholdMass : 66.9734

$$\alpha_{ij} = -0.000837212 \pm 0.00312027$$

$$\sigma_{ij} = 0.000118881 \pm 0.0159587$$



63 ChiMatrix_11_5

Results

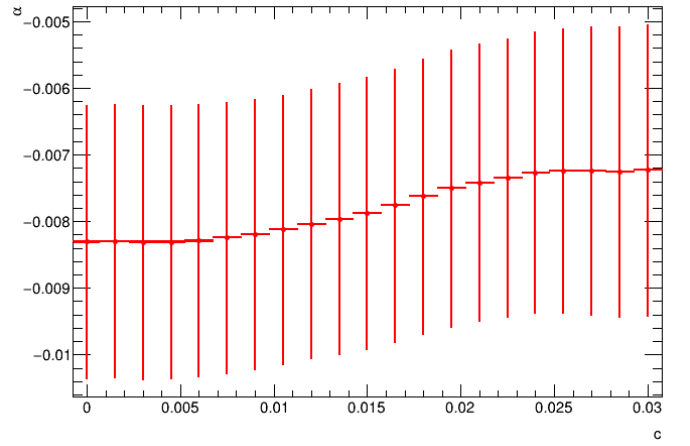
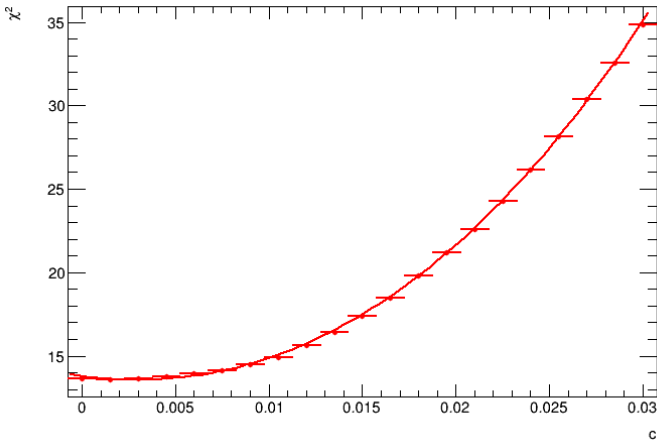
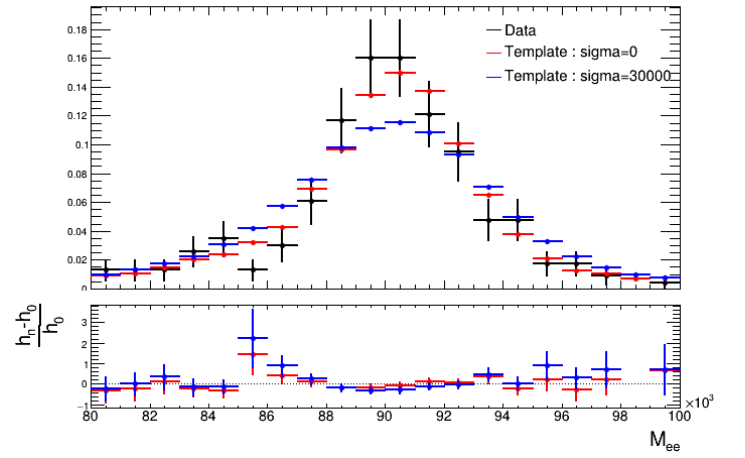
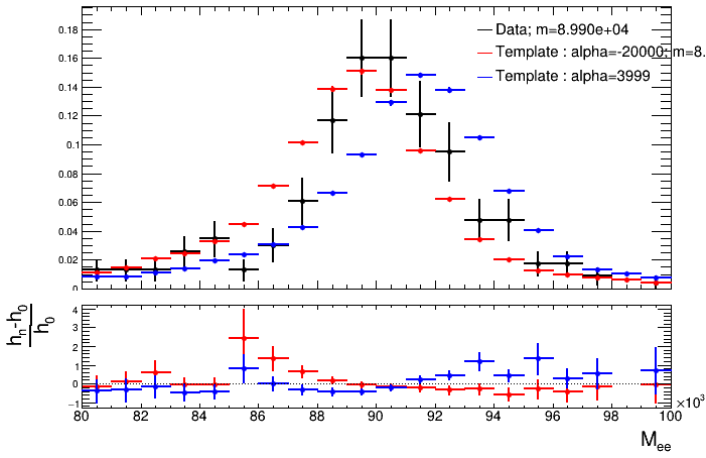
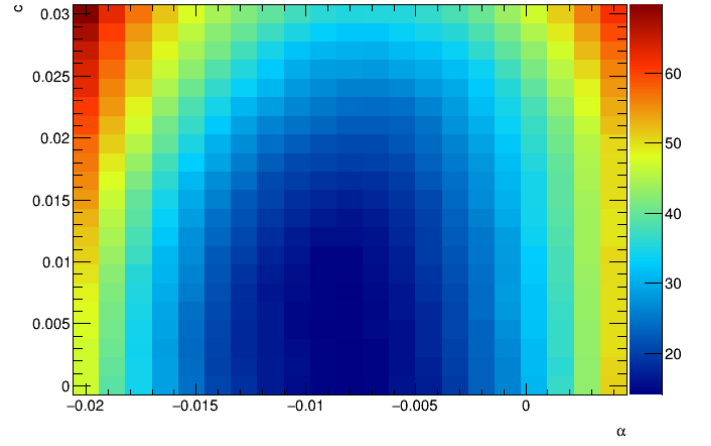
MCEvents : 53124

DataEvents : 248

ThresholdMass : 63.7591

$$\alpha_{ij} = -0.00830257 \pm 0.0020518$$

$$\sigma_{ij} = 0.00297406 \pm 0.00620144$$



64 ChiMatrix_11_6

Results

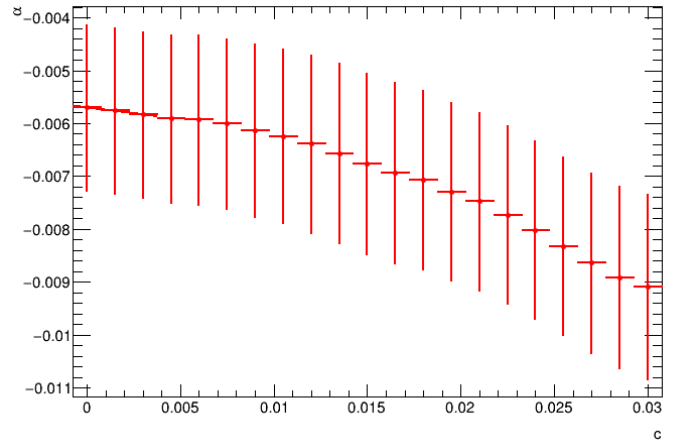
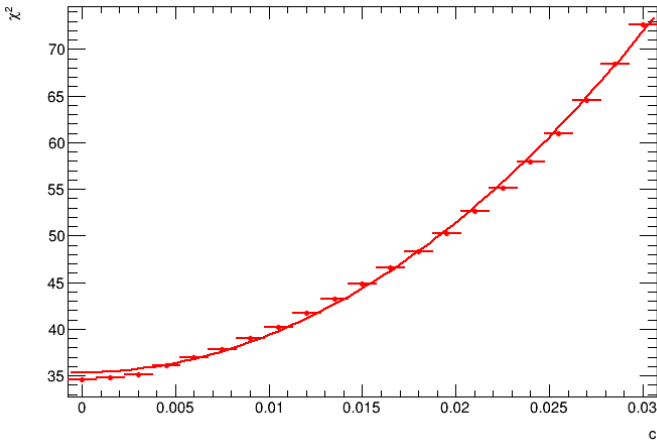
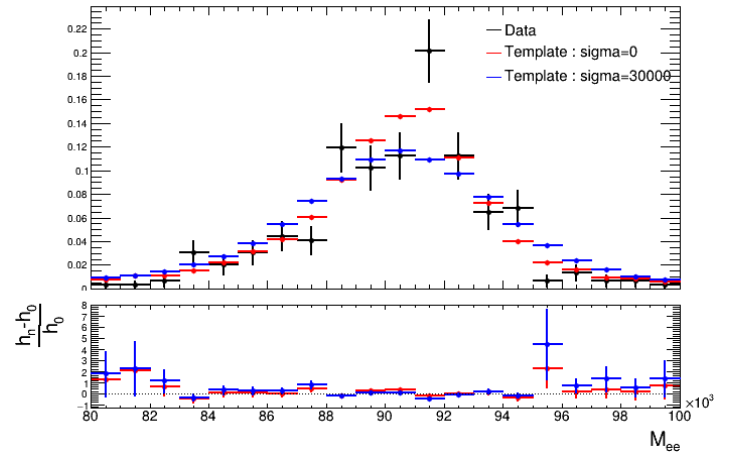
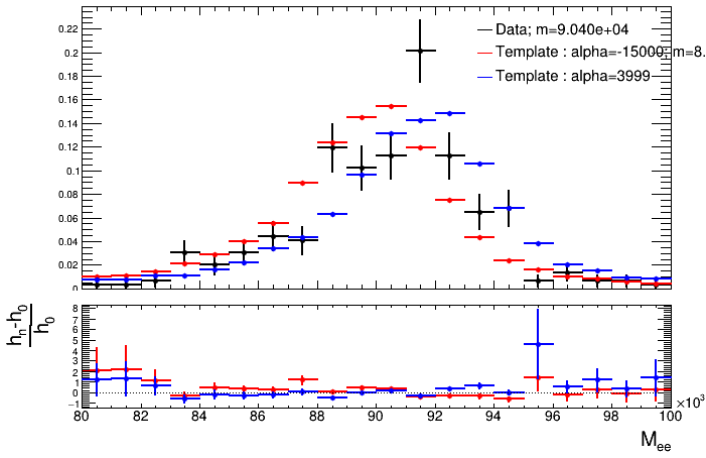
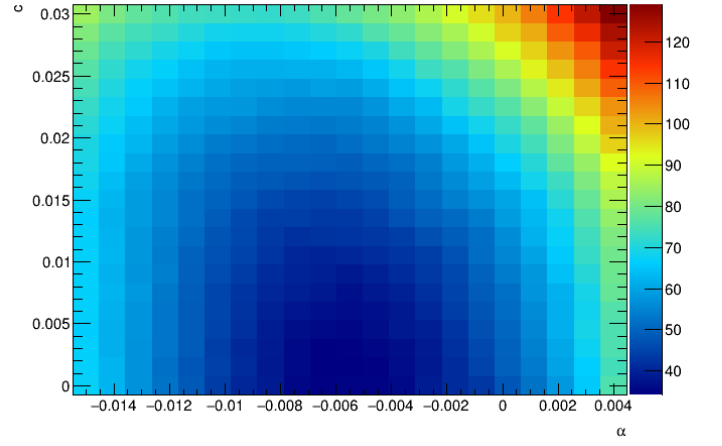
MCEvents : 66252

DataEvents : 328

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00570187 \pm 0.00157852$$

$$\sigma_{ij} = 5.13319e - 14 \pm 0.00504117$$



65 ChiMatrix_11_7

Results

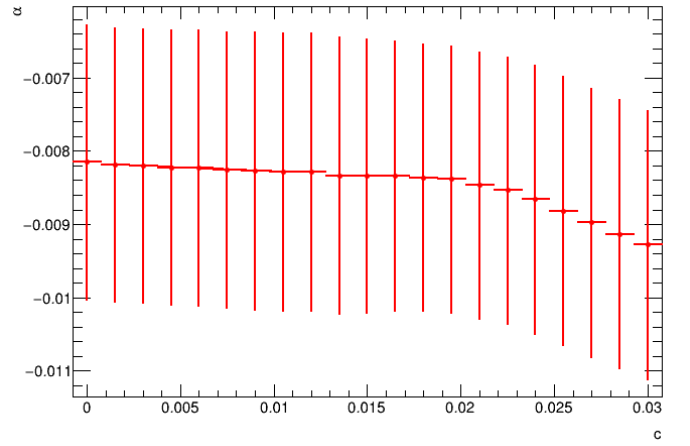
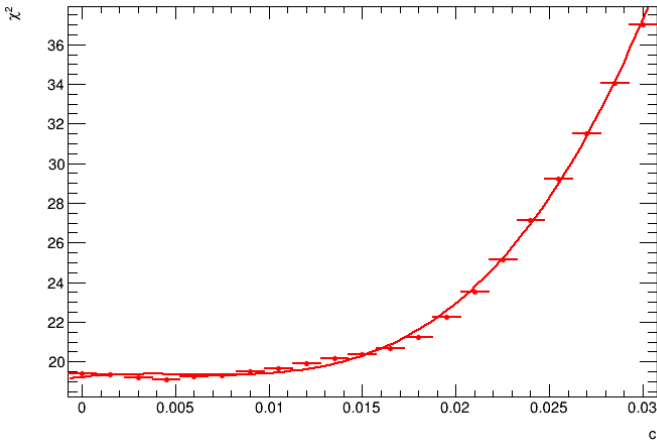
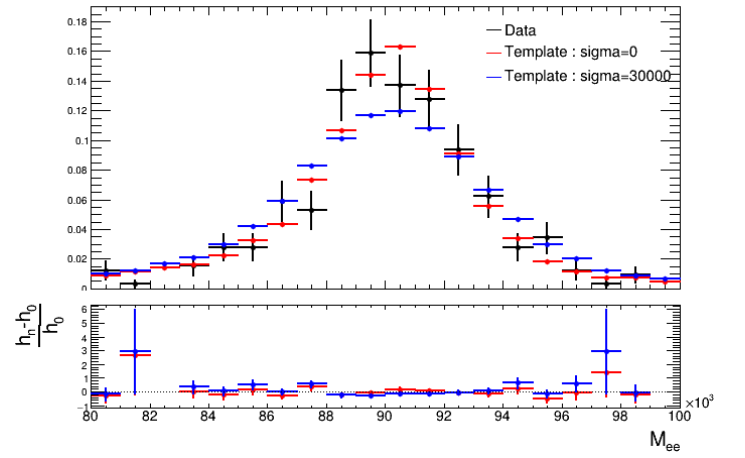
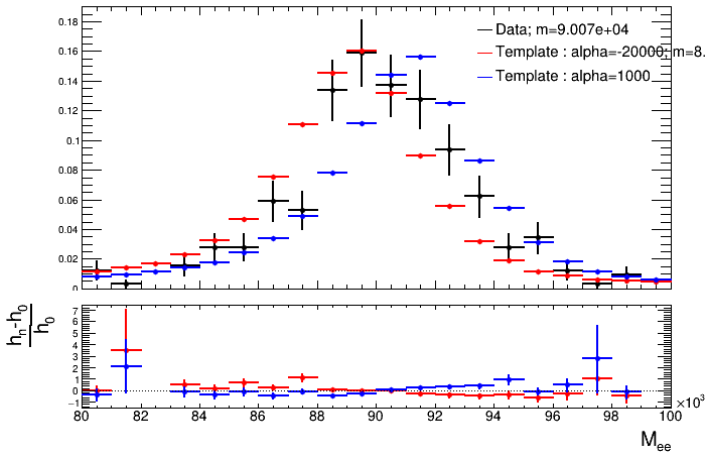
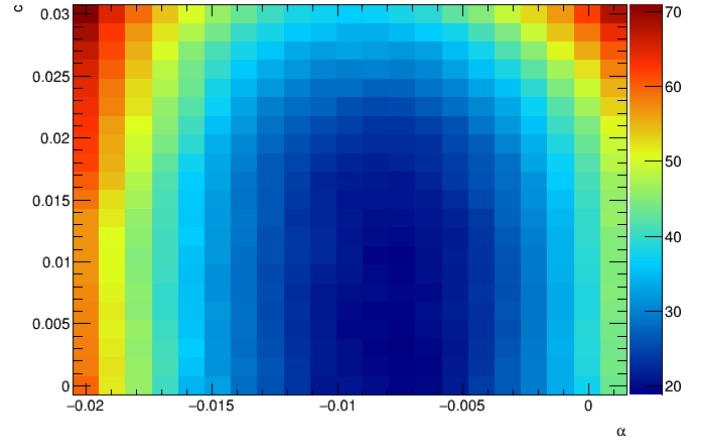
MCEvents : 70398

DataEvents : 350

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00825098 \pm 0.00188767$$

$$\sigma_{ij} = 0.00740818 \pm 0.00777871$$



66 ChiMatrix_11_8

Results

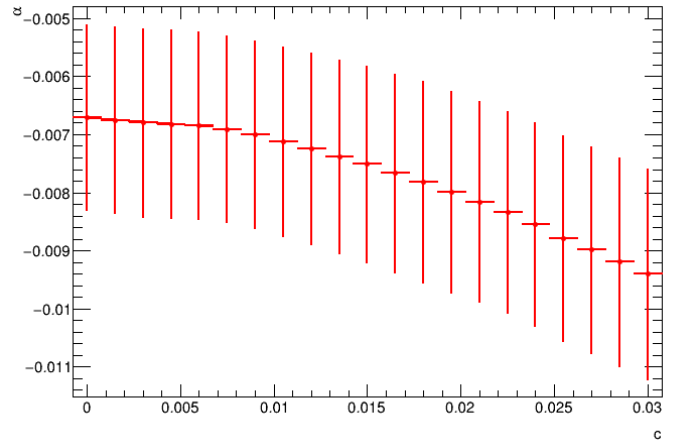
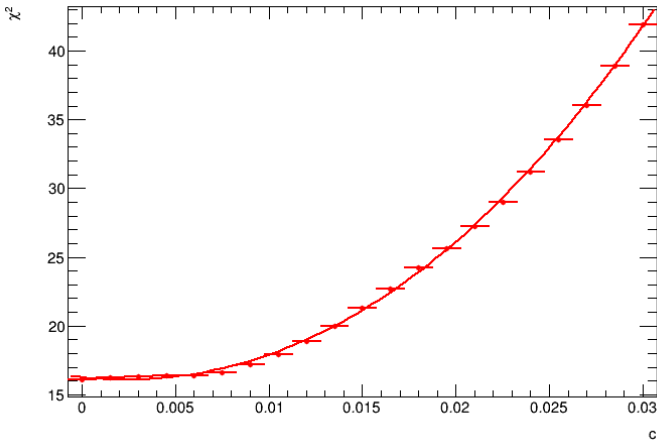
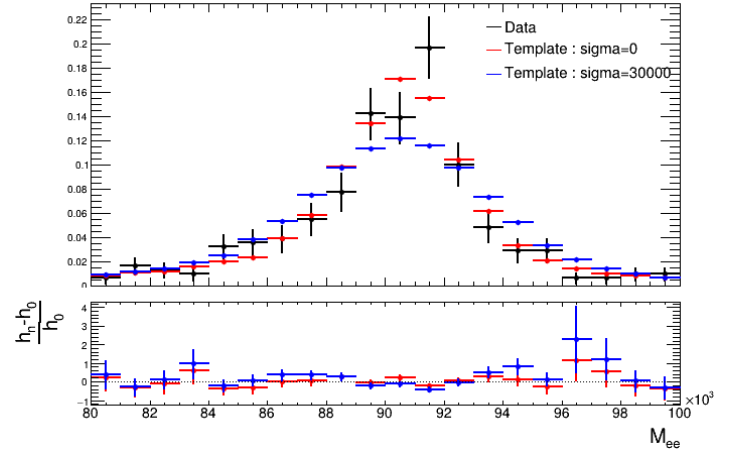
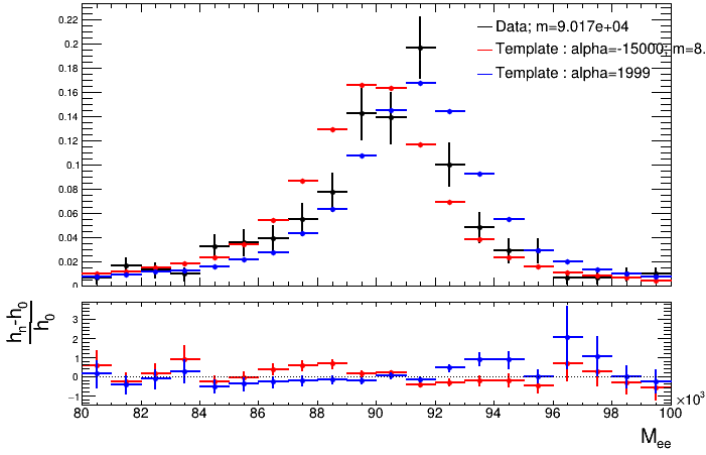
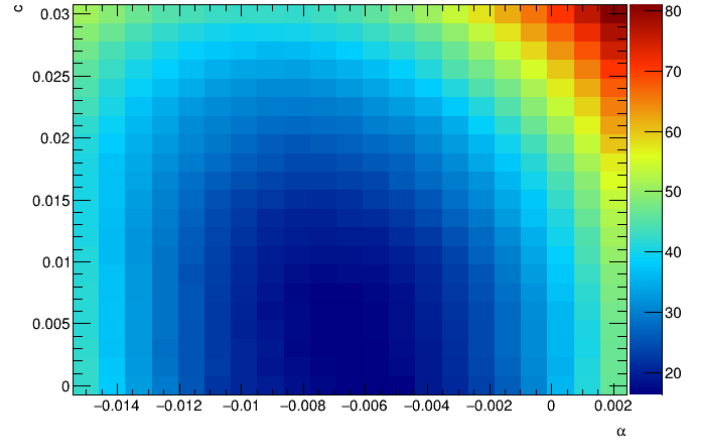
MCEvents : 72696

DataEvents : 340

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00676925 \pm 0.001617$$

$$\sigma_{ij} = 0.00236513 \pm 0.00573449$$



67 ChiMatrix_11_9

Results

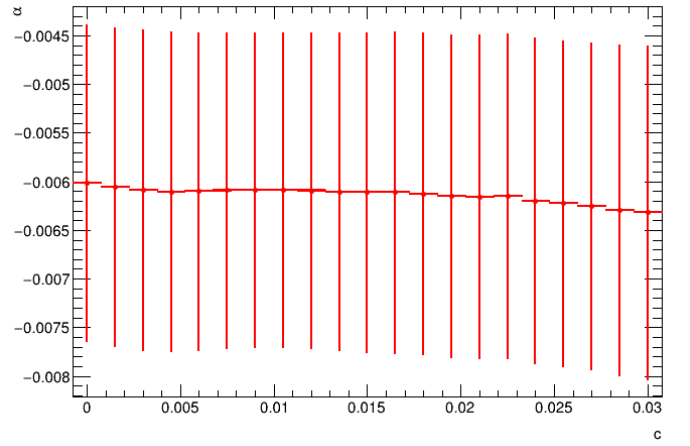
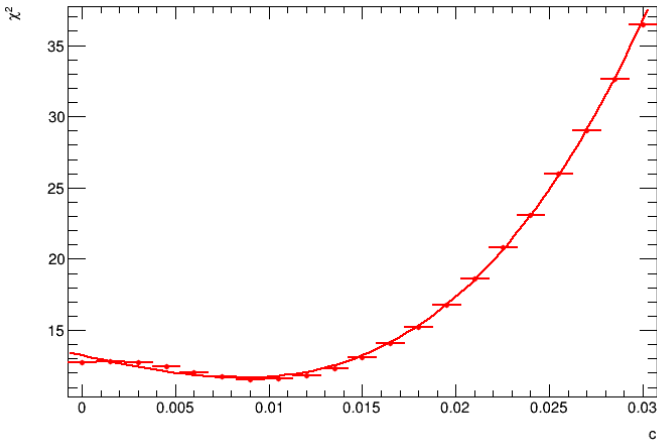
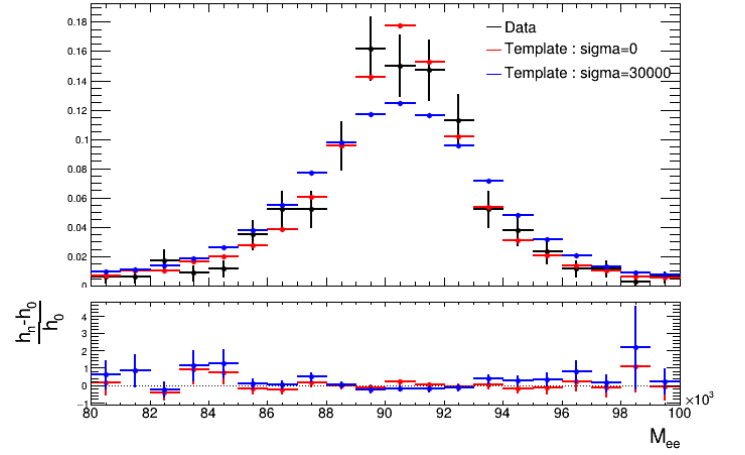
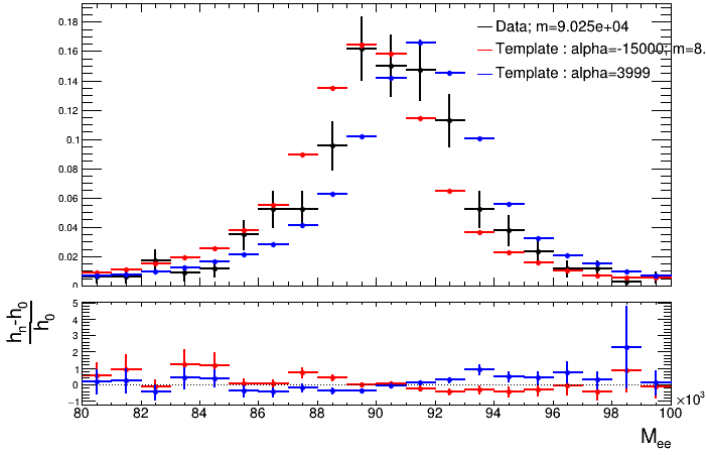
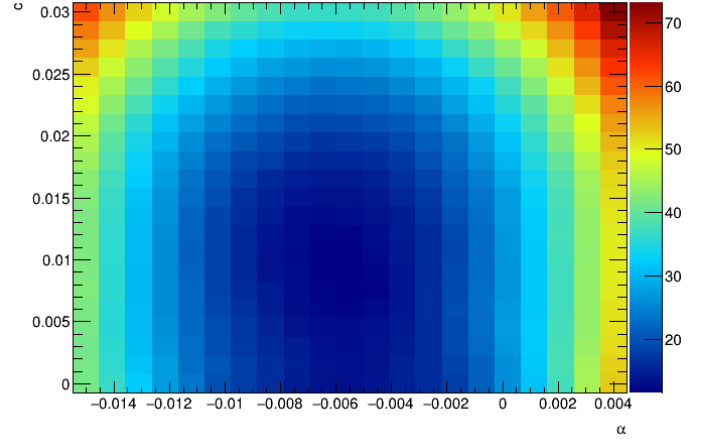
MCEvents : 76626

DataEvents : 385

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.00609076 \pm 0.00161897$$

$$\sigma_{ij} = 0.00860148 \pm 0.00523162$$



Results

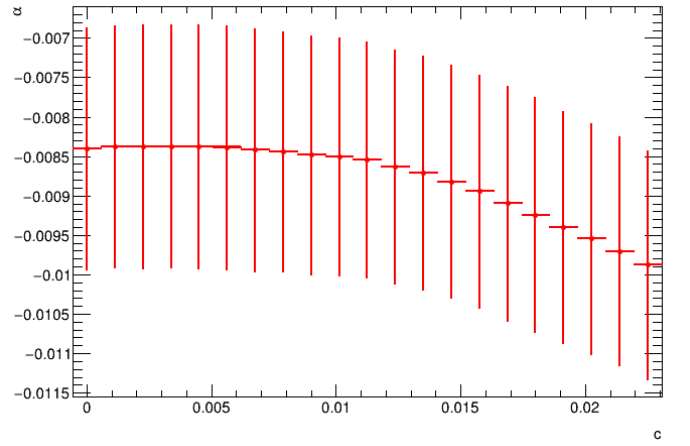
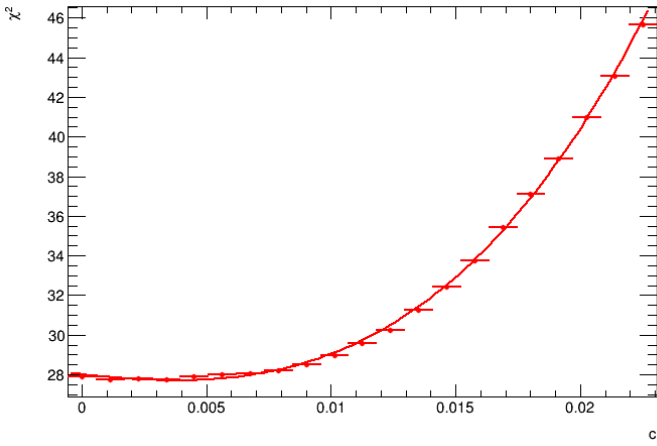
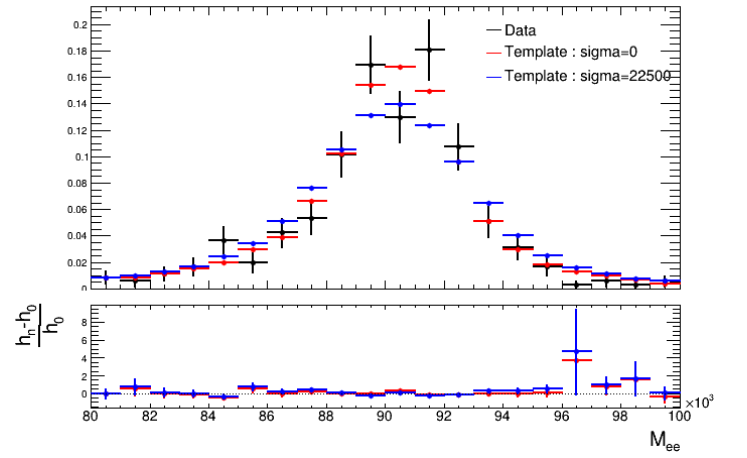
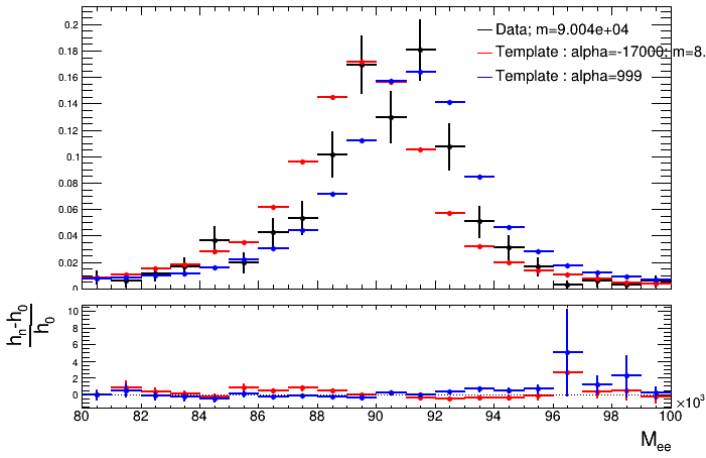
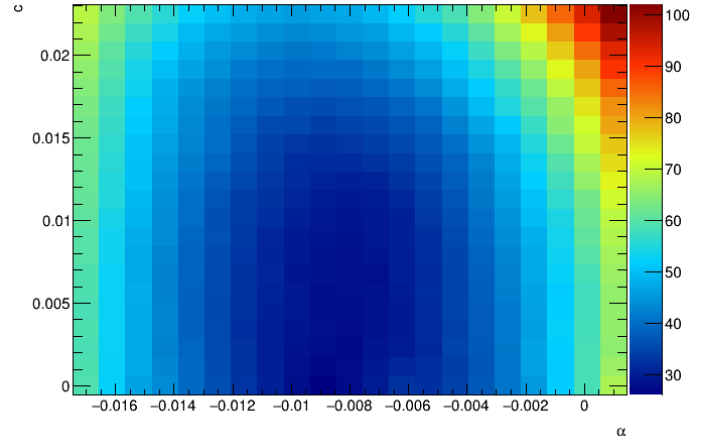
MCEvents : 74754

DataEvents : 393

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00837712 \pm 0.00154308$$

$$\sigma_{ij} = 0.00380136 \pm 0.00547833$$



69 ChiMatrix_11_11

Results

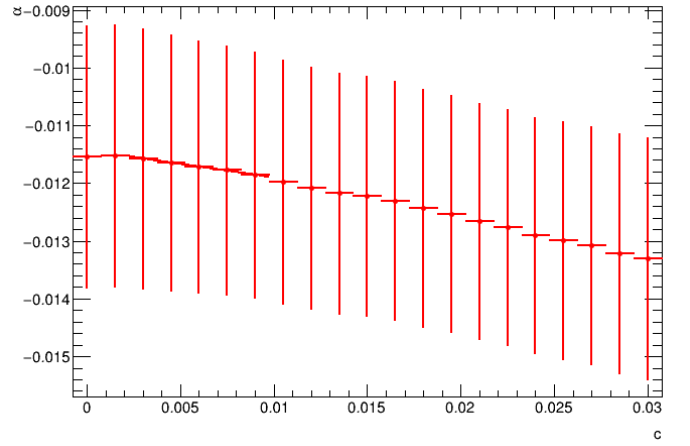
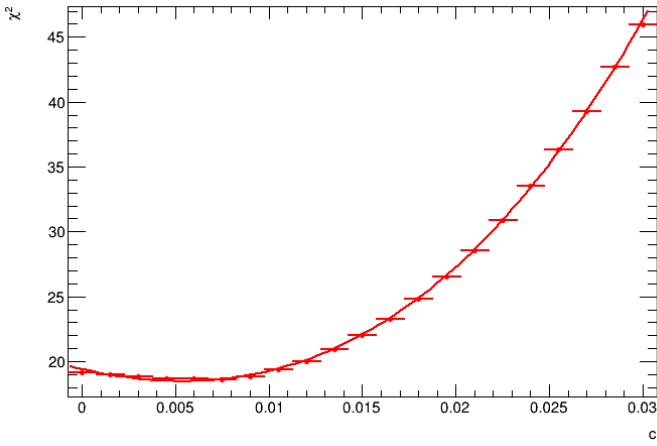
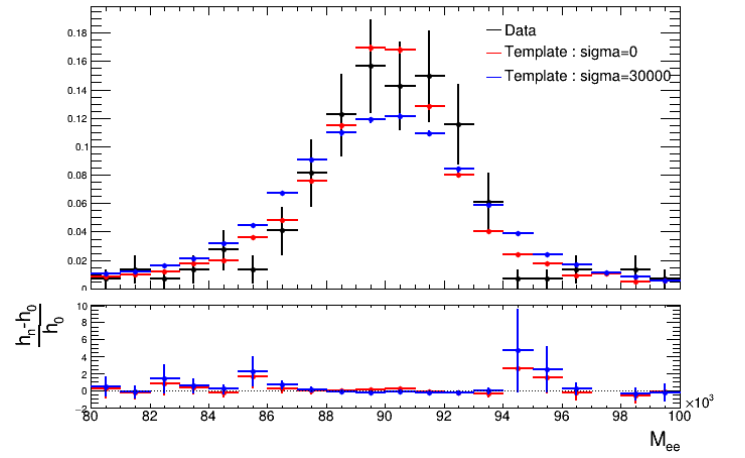
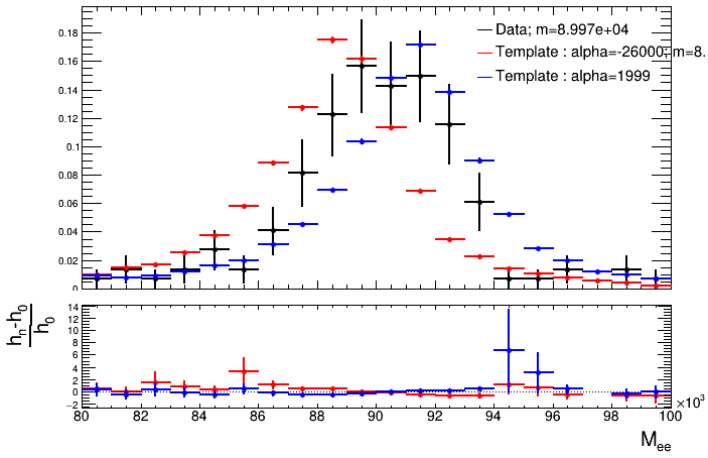
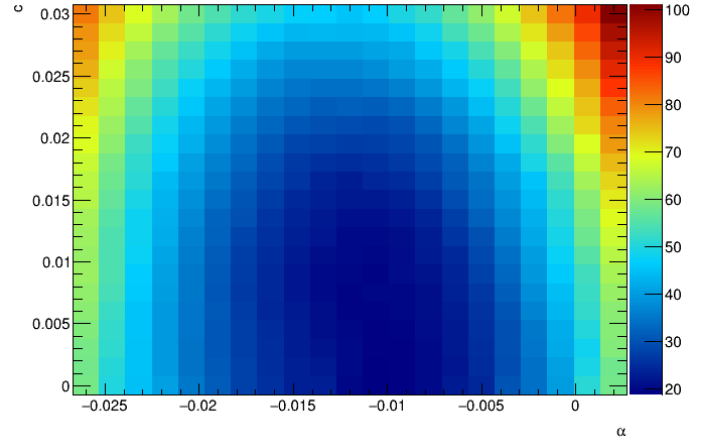
MCEvents : 36354

DataEvents : 166

ThresholdMass : 54

$$\alpha_{ij} = -0.011685 \pm 0.00218939$$

$$\sigma_{ij} = 0.00541114 \pm 0.00522428$$



70 ChiMatrix_12_5

Results

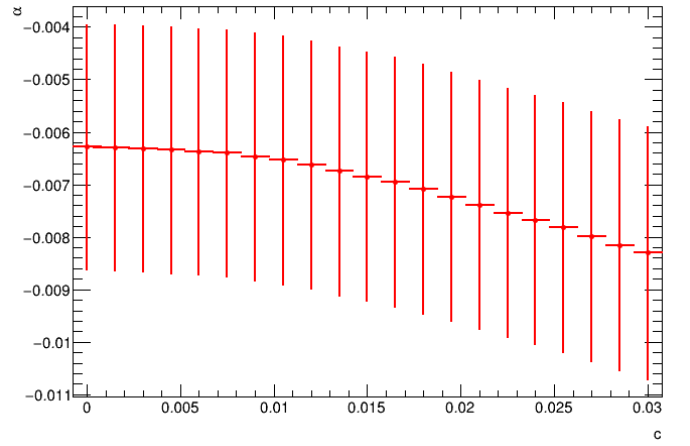
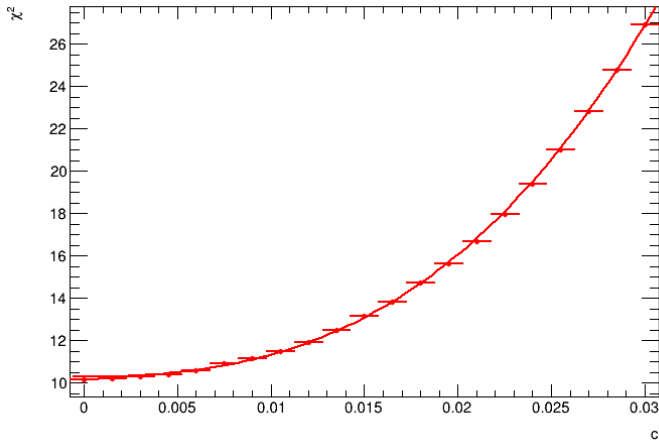
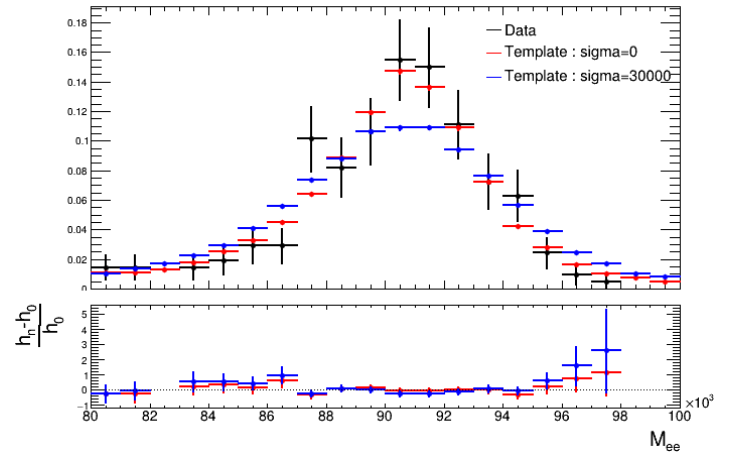
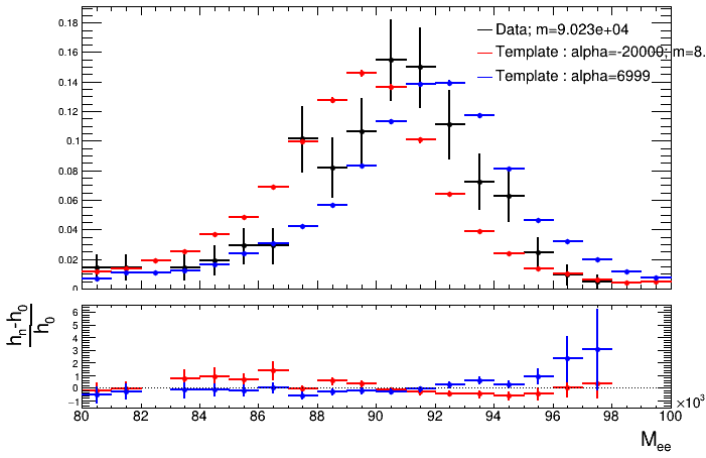
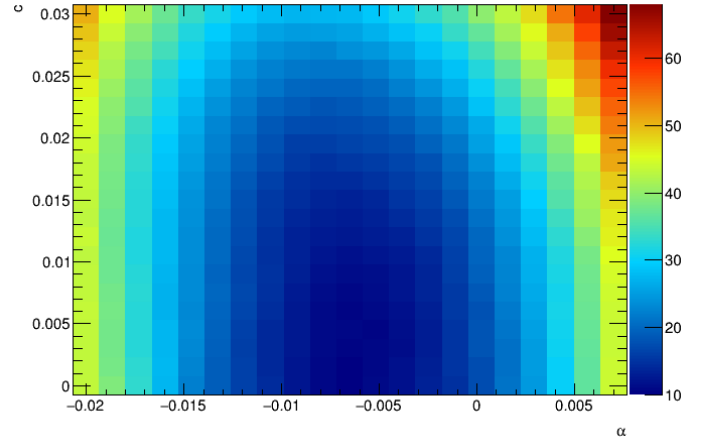
MCEvents : 48486

DataEvents : 226

ThresholdMass : 67.4738

$$\alpha_{ij} = -0.00628418 \pm 0.00233916$$

$$\sigma_{ij} = 7.33996e - 17 \pm 0.00985712$$



71 ChiMatrix_12_6

Results

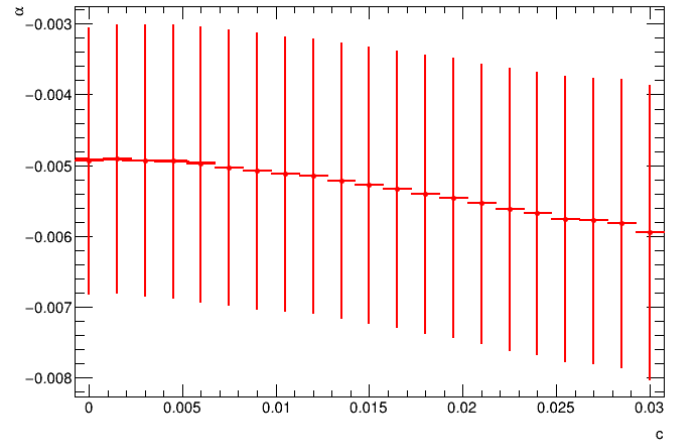
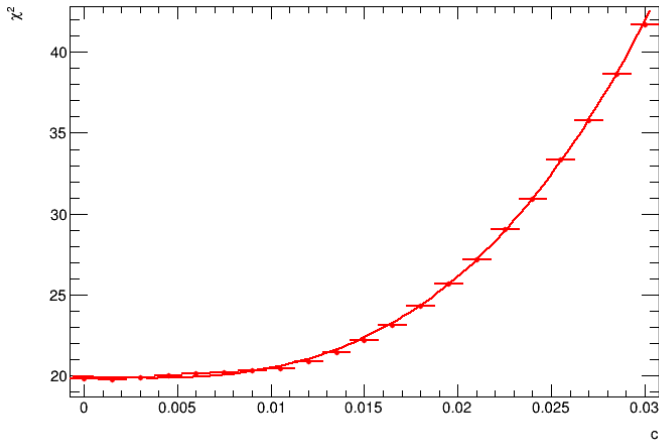
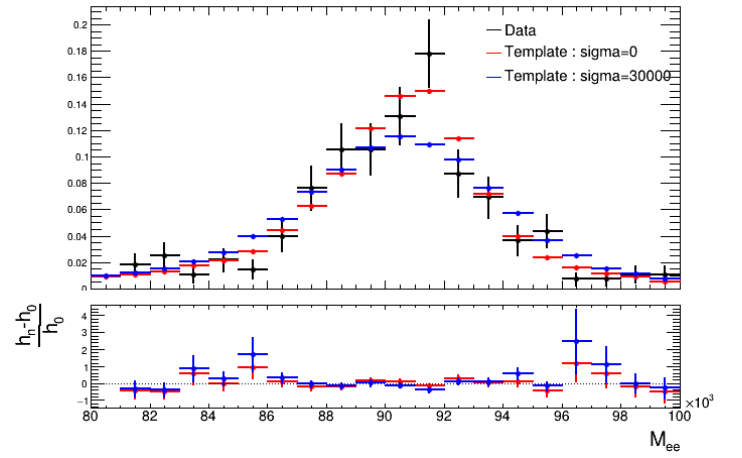
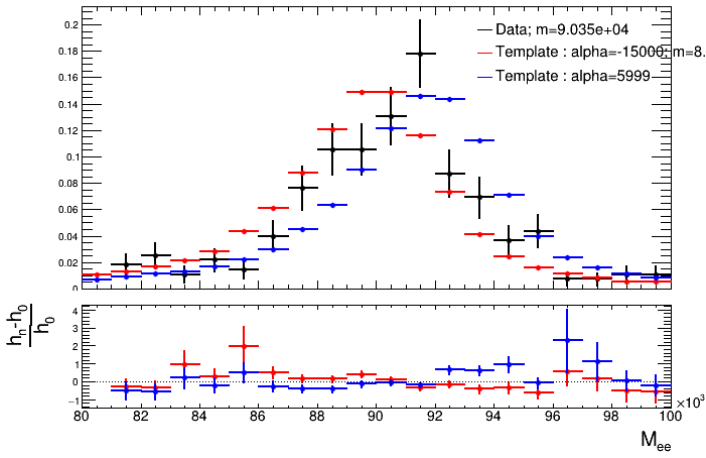
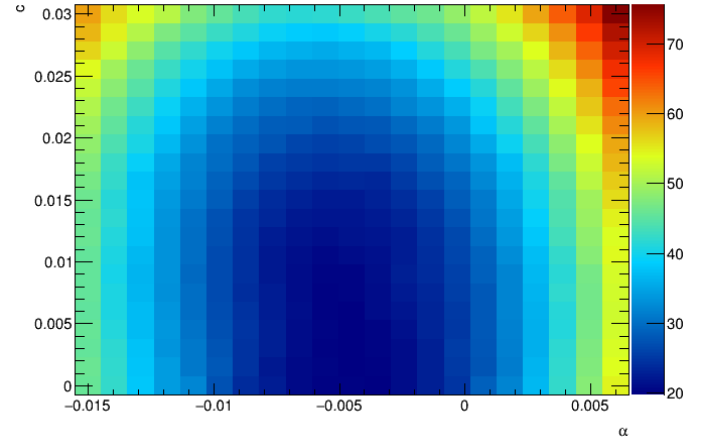
MCEvents : 62874

DataEvents : 296

ThresholdMass : 64.0151

$$\alpha_{ij} = -0.00494257 \pm 0.00191723$$

$$\sigma_{ij} = 0.00362159 \pm 0.00784843$$



72 ChiMatrix_12_7

Results

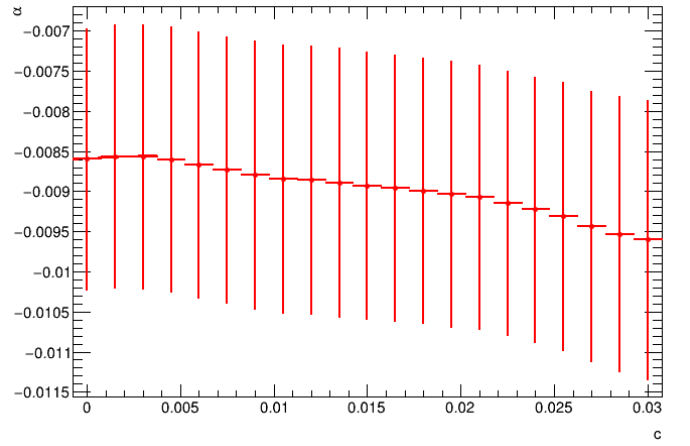
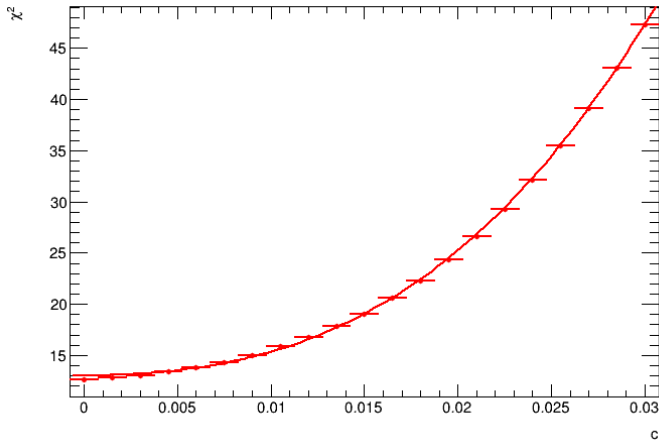
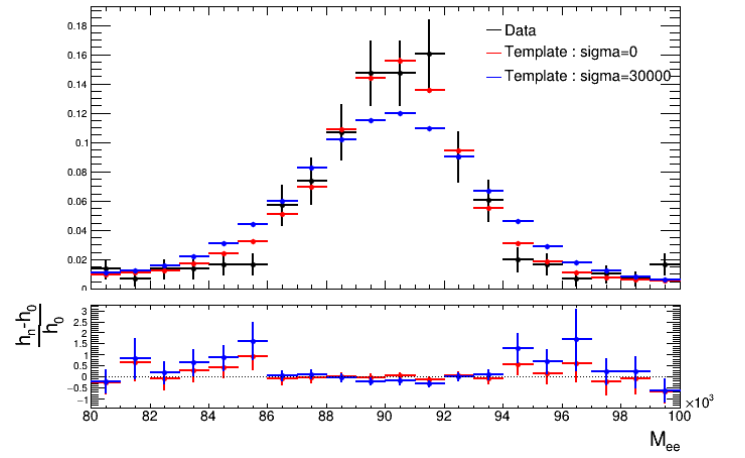
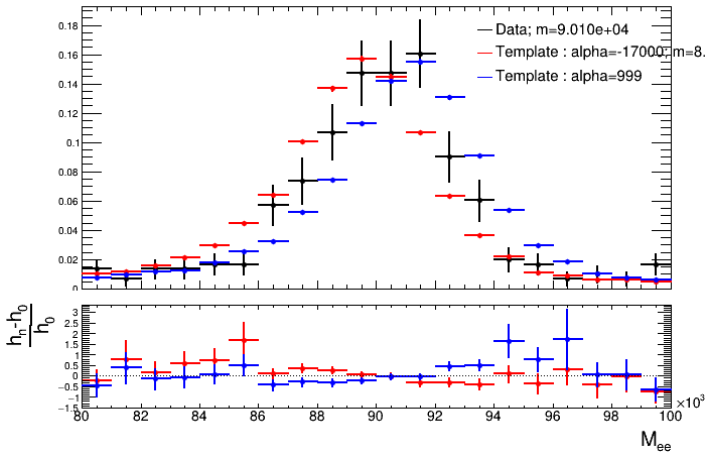
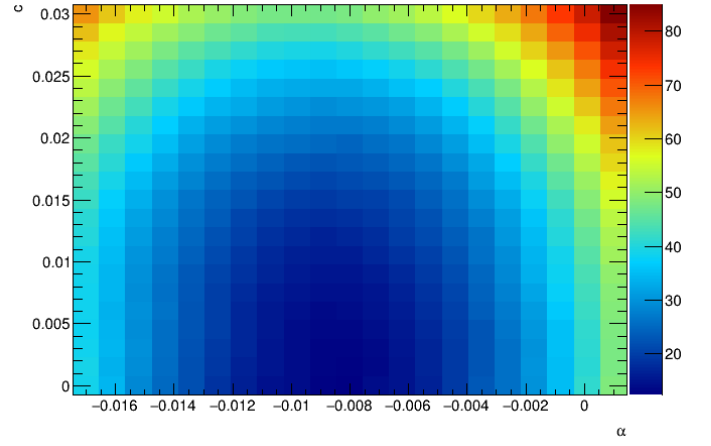
MCEvents : 67470

DataEvents : 338

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00859359 \pm 0.00163169$$

$$\sigma_{ij} = 1.70697e - 18 \pm 0.00698557$$



73 ChiMatrix_12_8

Results

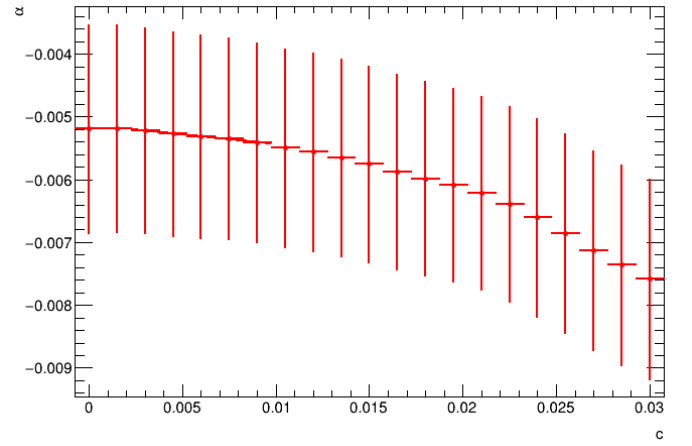
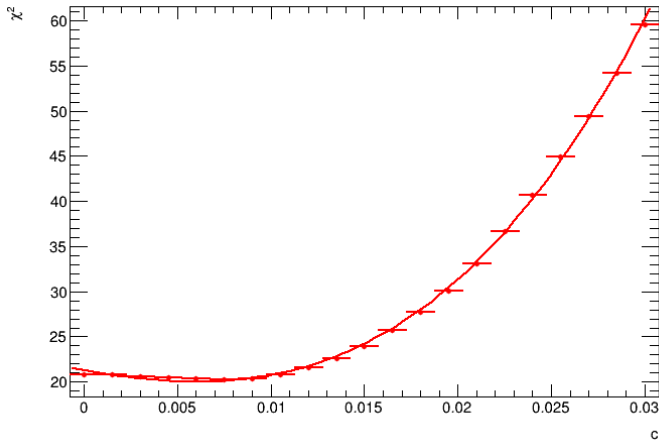
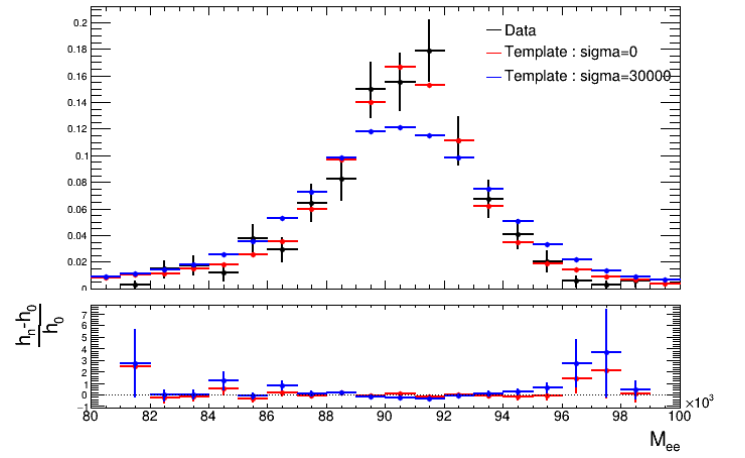
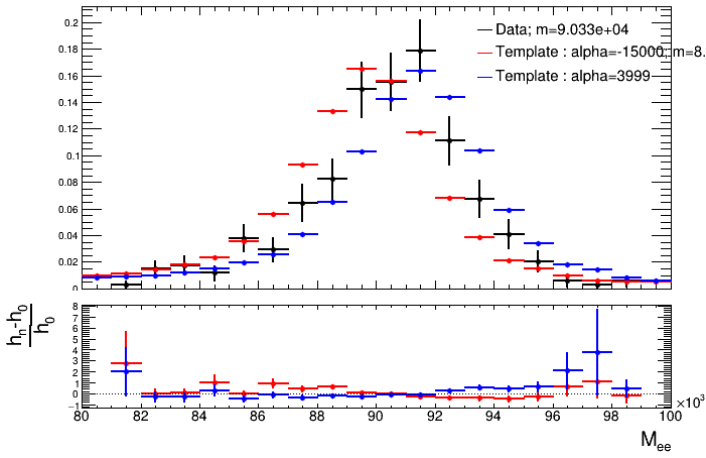
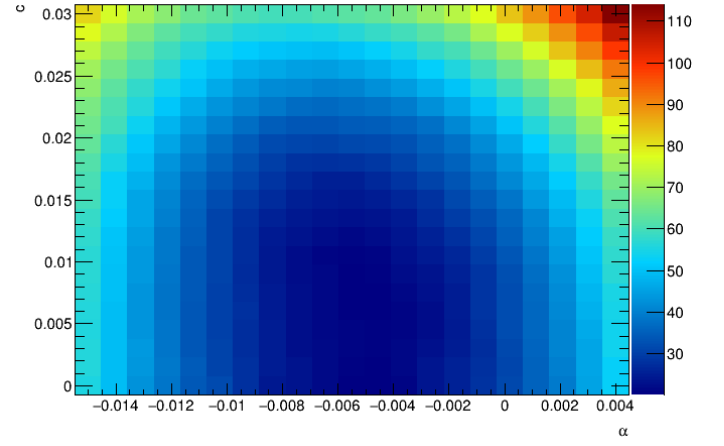
MCEvents : 71520

DataEvents : 374

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00531697 \pm 0.00161704$$

$$\sigma_{ij} = 0.00607038 \pm 0.00461237$$



74 ChiMatrix_12_9

Results

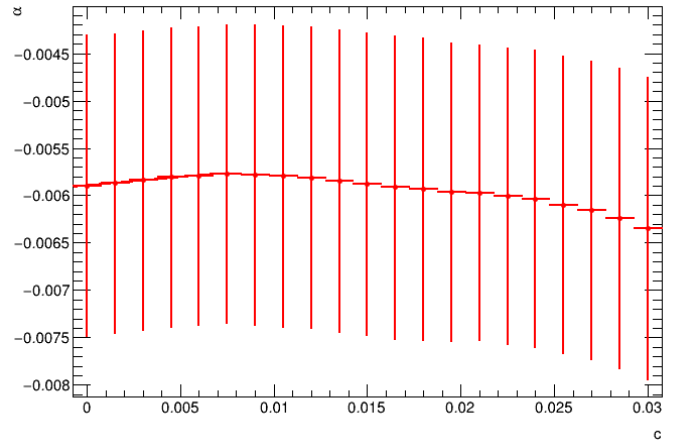
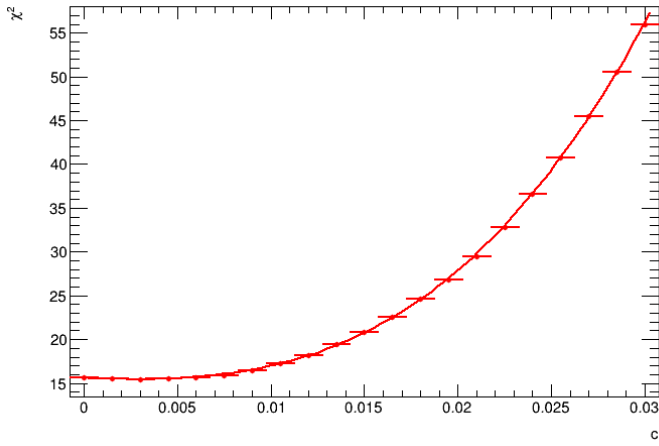
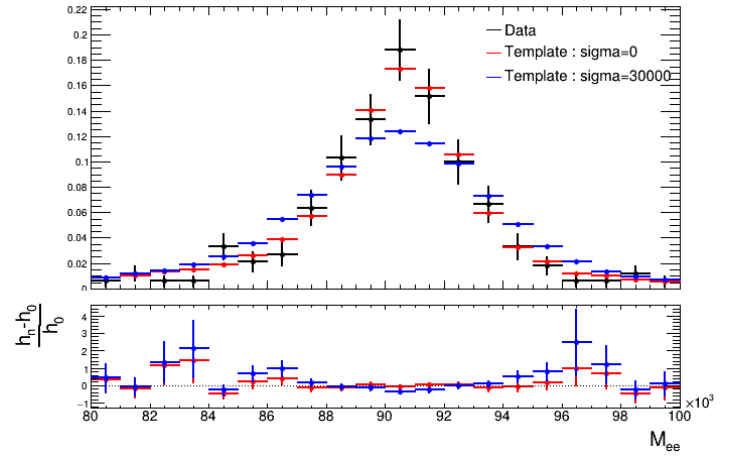
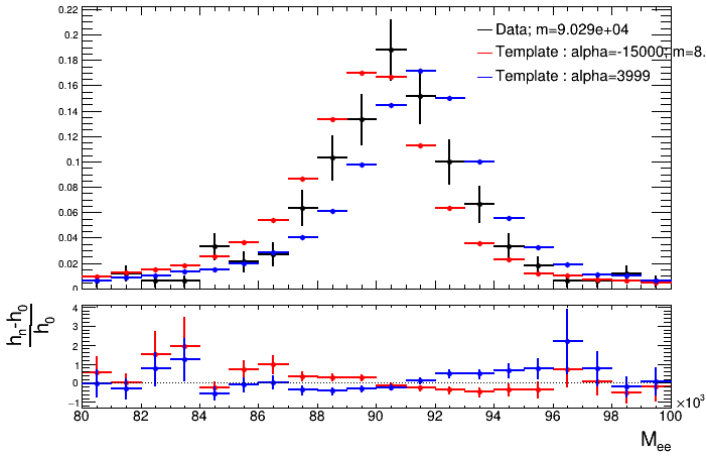
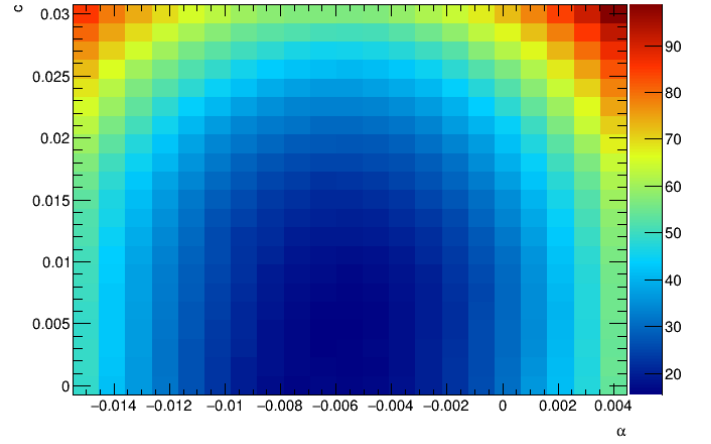
MCEvents : 74844

DataEvents : 367

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00584455 \pm 0.00158124$$

$$\sigma_{ij} = 0.00280943 \pm 0.00605402$$



75 ChiMatrix_12_10

Results

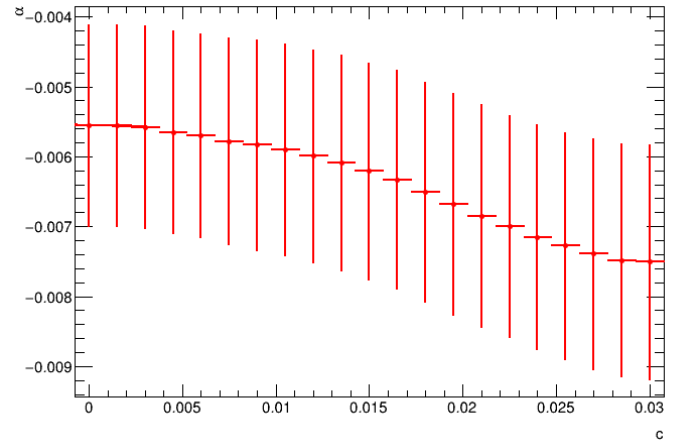
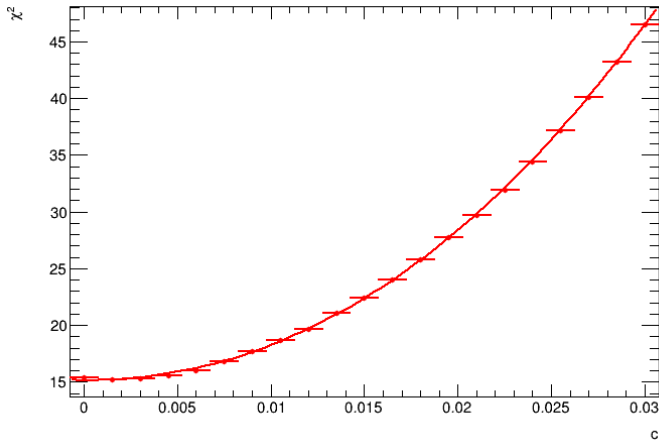
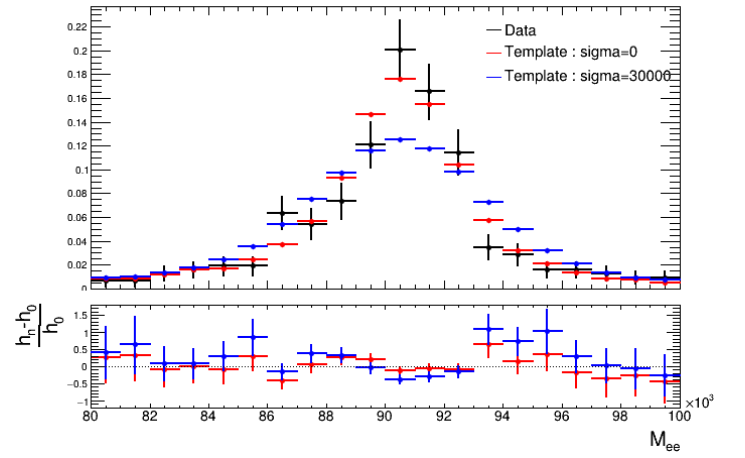
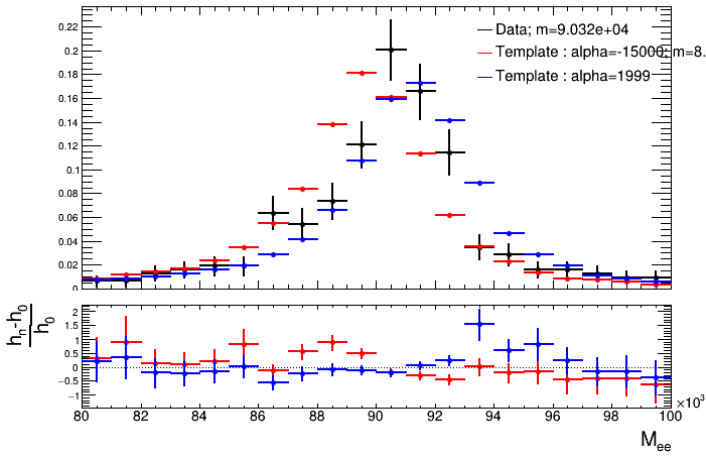
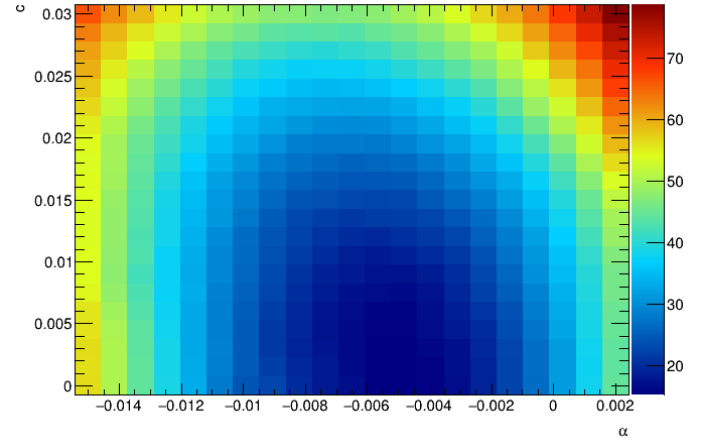
MCEvents : 74376

DataEvents : 339

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.00555374 \pm 0.00144828$$

$$\sigma_{ij} = 0.000251832 \pm 0.00562533$$



Results

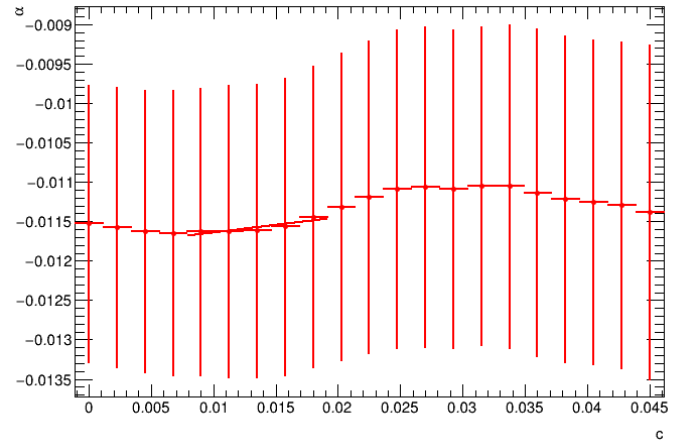
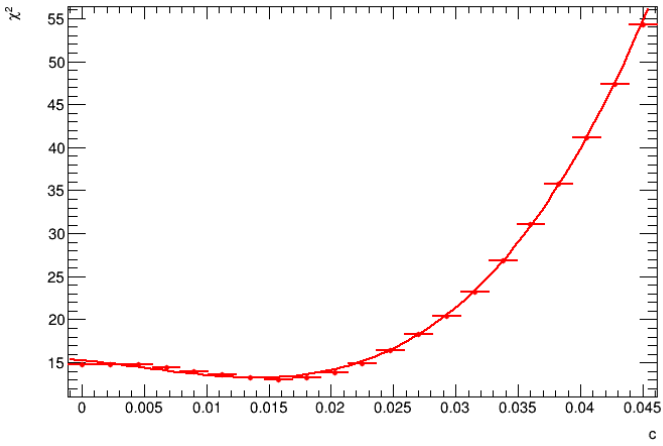
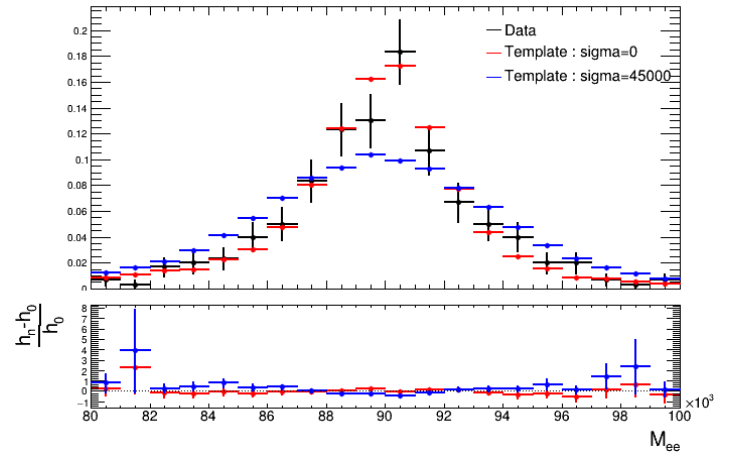
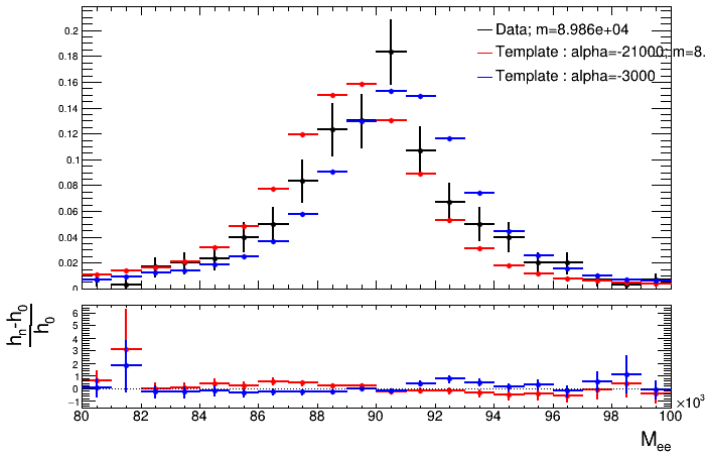
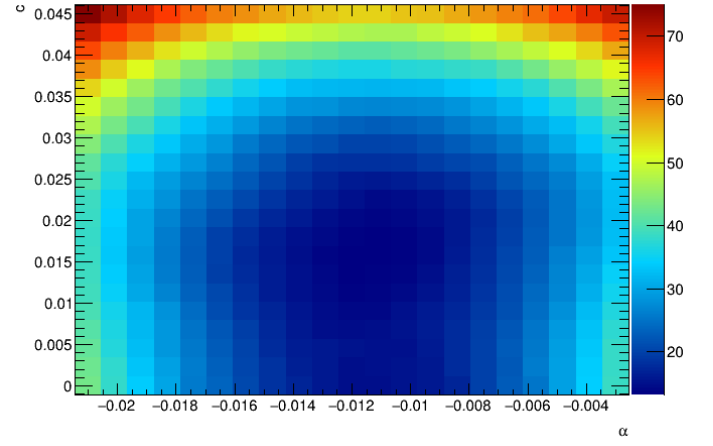
MCEvents : 74052

DataEvents : 337

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.0115614 \pm 0.00186601$$

$$\sigma_{ij} = 0.014148 \pm 0.00630406$$



77 ChiMatrix_12_12

Results

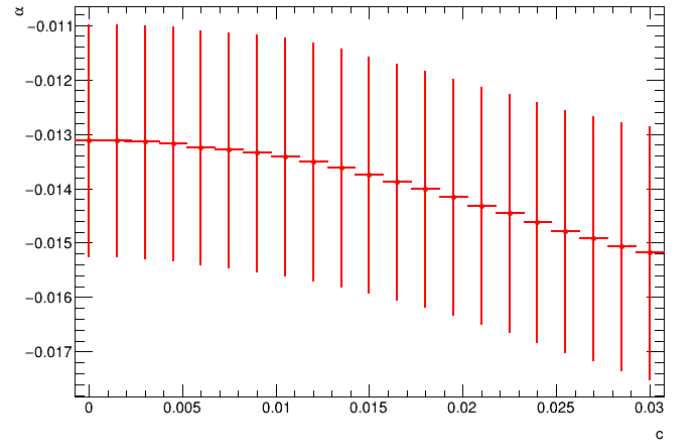
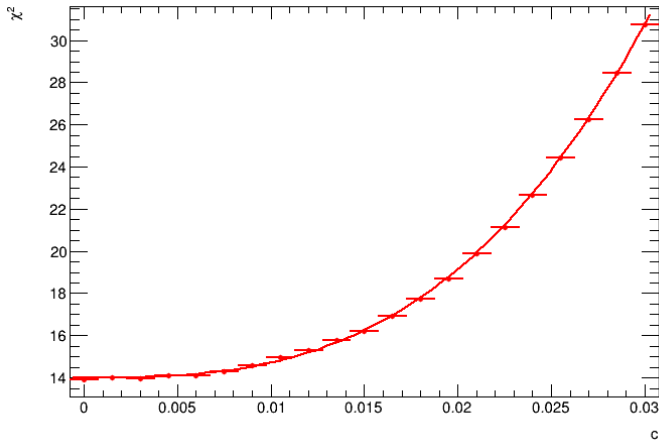
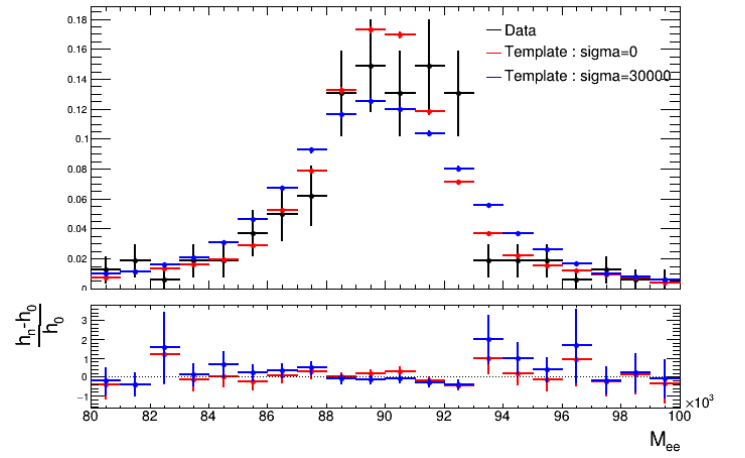
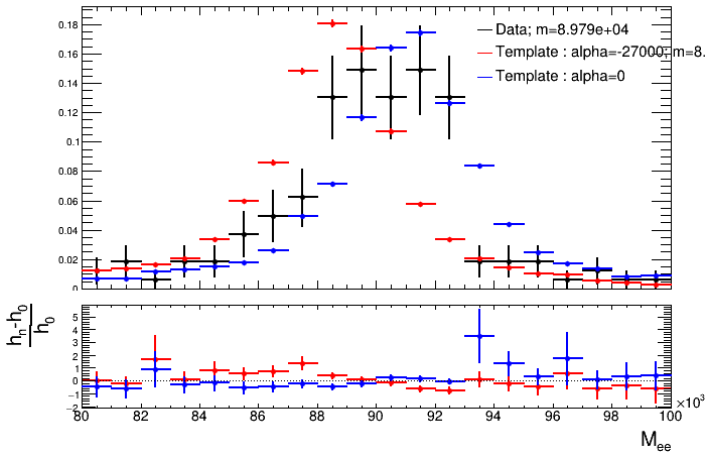
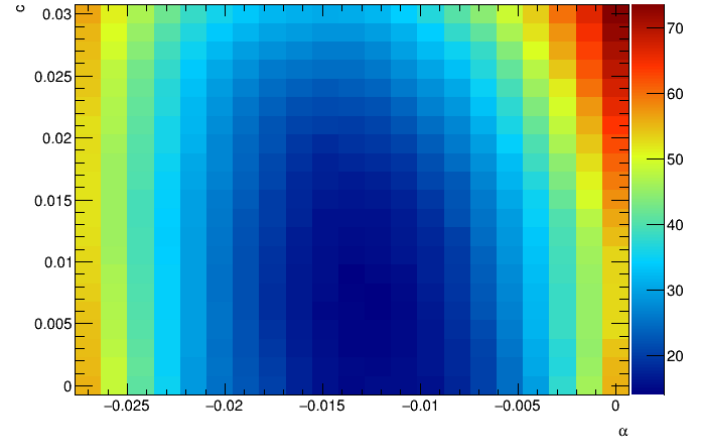
MCEvents : 37368

DataEvents : 180

ThresholdMass : 54

$$\alpha_{ij} = -0.0131153 \pm 0.00212645$$

$$\sigma_{ij} = 1.04927e - 14 \pm 0.0113135$$



78 ChiMatrix_13_6

Results

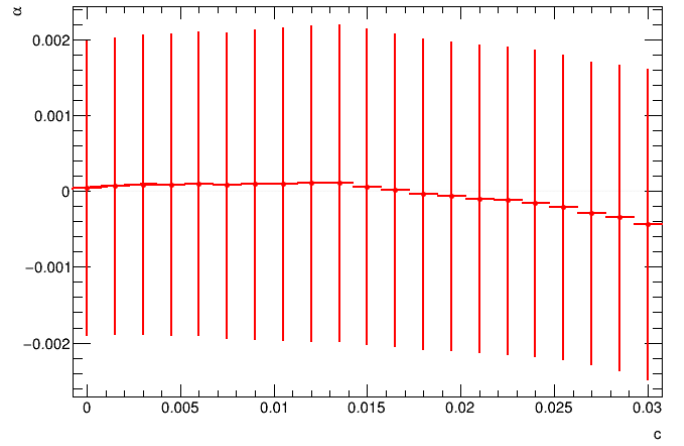
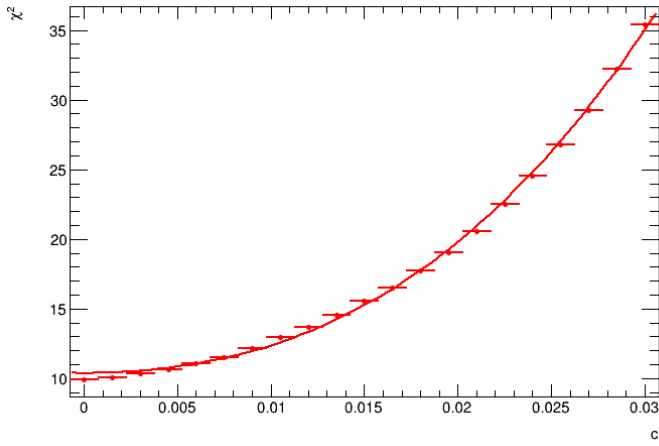
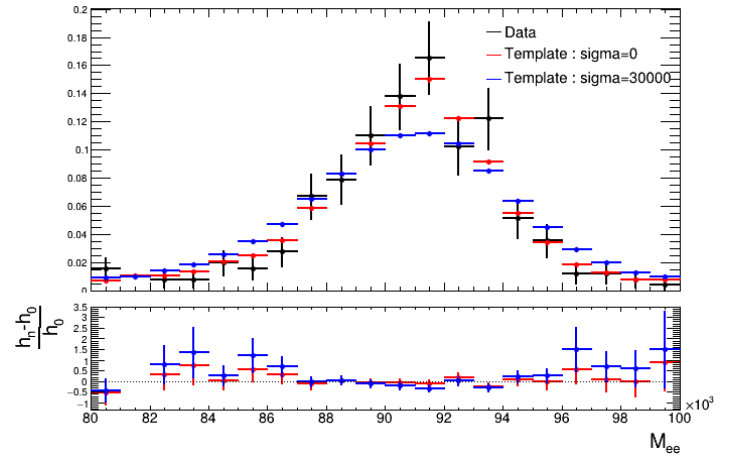
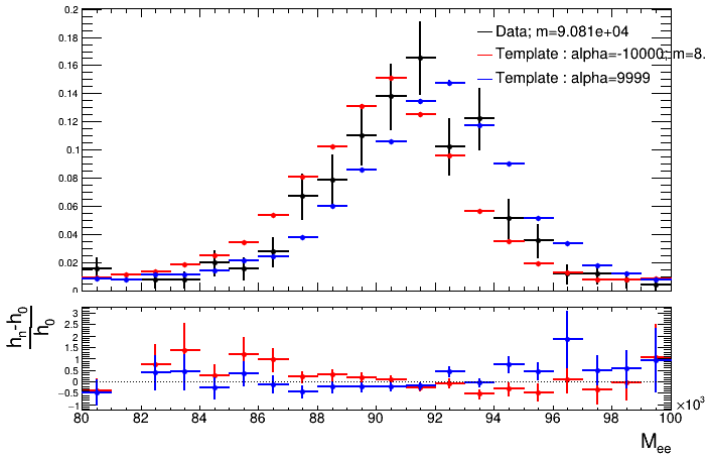
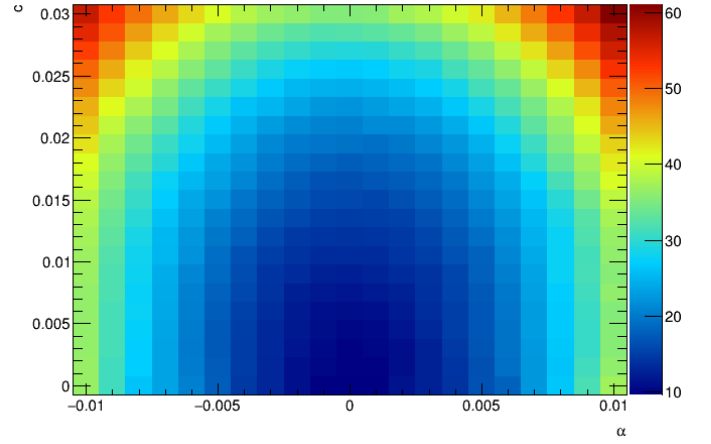
MCEvents : 58590

DataEvents : 276

ThresholdMass : 67.7791

$$\alpha_{ij} = 4.87004e - 05 \pm 0.0019411$$

$$\sigma_{ij} = 7.33826e - 15 \pm 0.00735342$$



79 ChiMatrix_13_7

Results

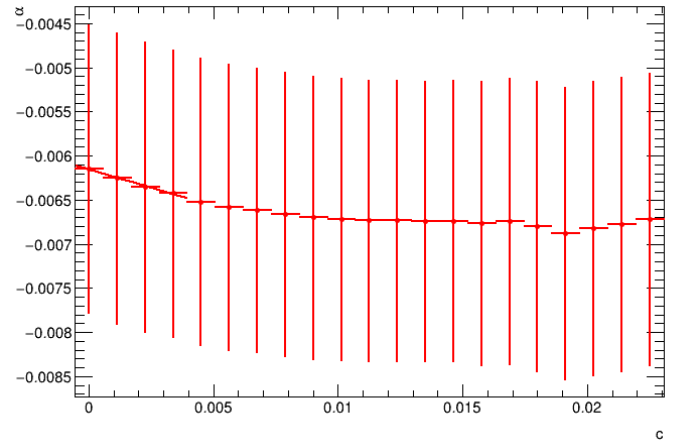
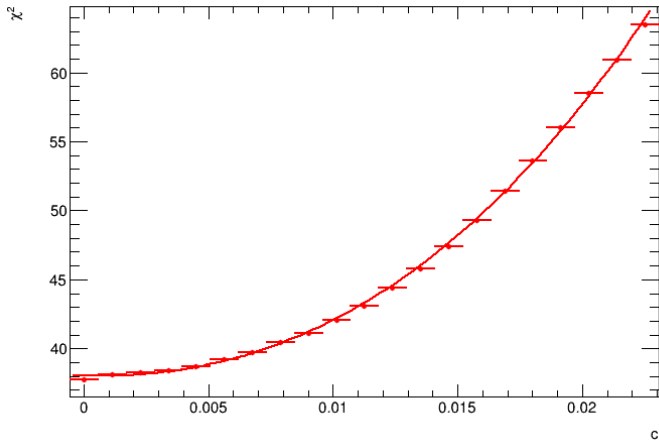
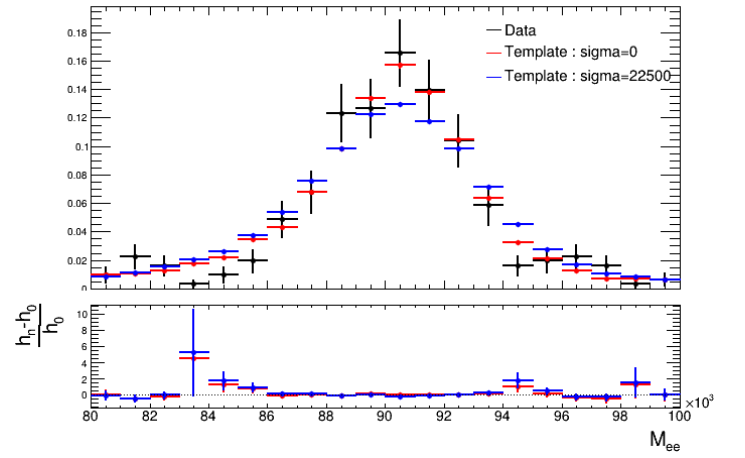
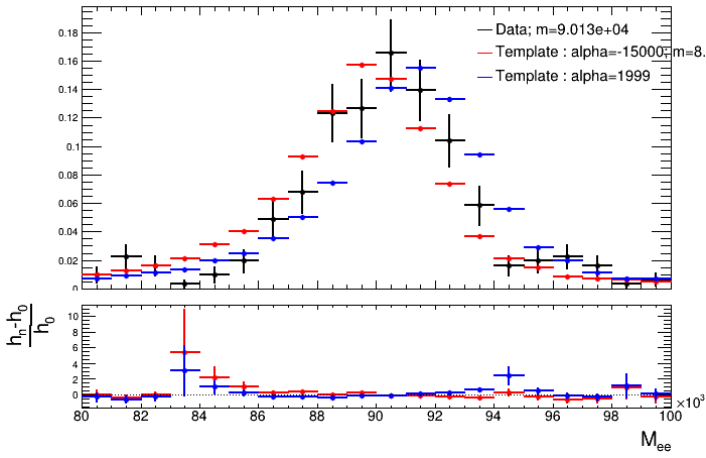
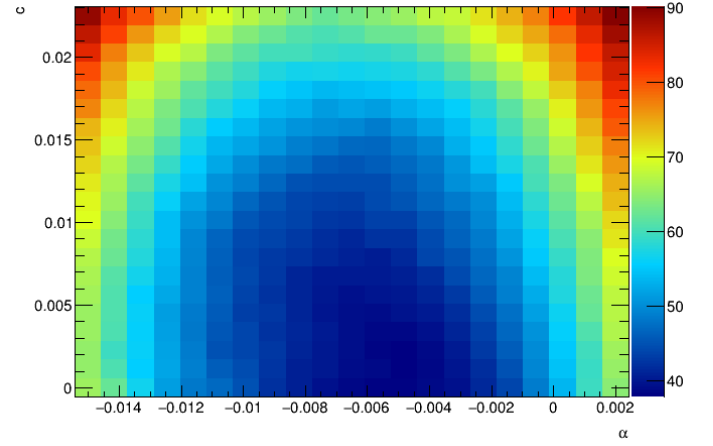
MCEvents : 65454

DataEvents : 326

ThresholdMass : 64.0151

$$\alpha_{ij} = -0.00620861 \pm 0.0016507$$

$$\sigma_{ij} = 0.000637556 \pm 0.0048206$$



80 ChiMatrix_13_8

Results

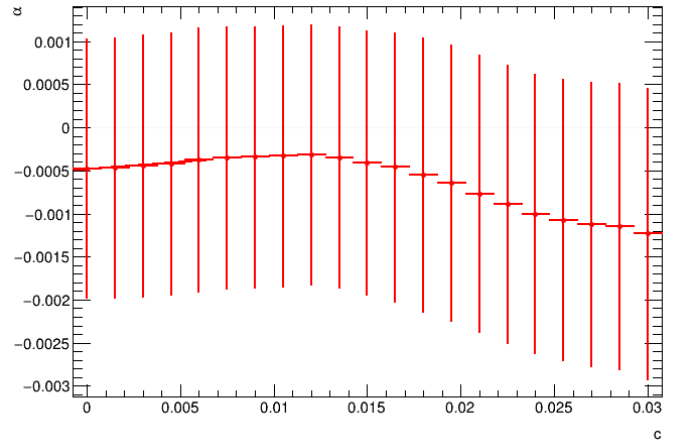
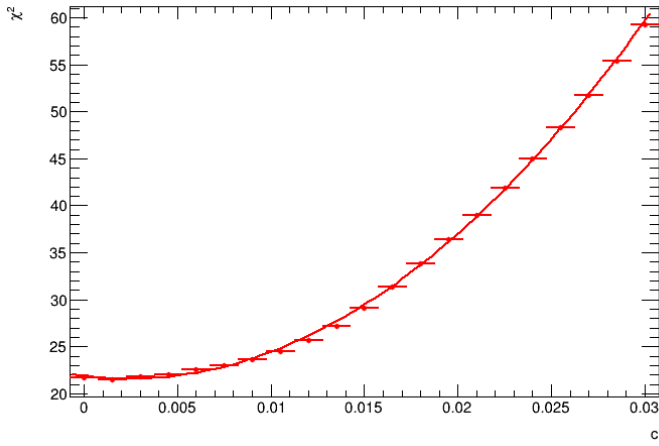
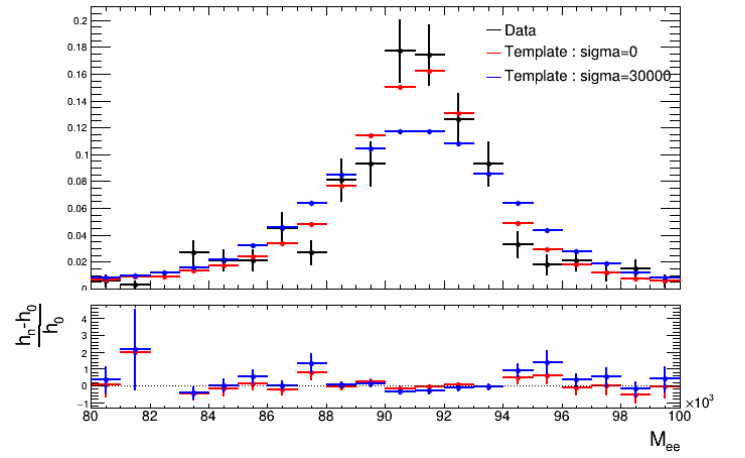
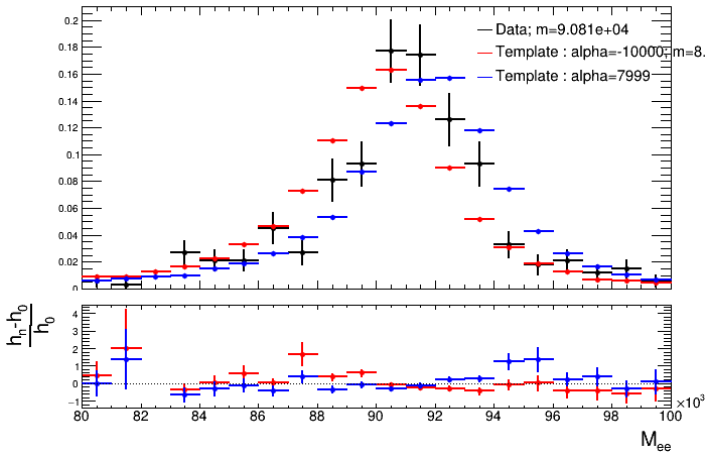
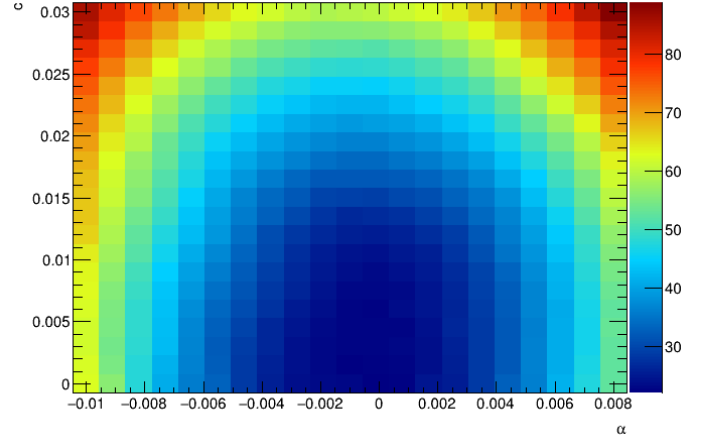
MCEvents : 71748

DataEvents : 366

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.000442328 \pm 0.00152063$$

$$\sigma_{ij} = 0.00251848 \pm 0.00445598$$



81 ChiMatrix_13_9

Results

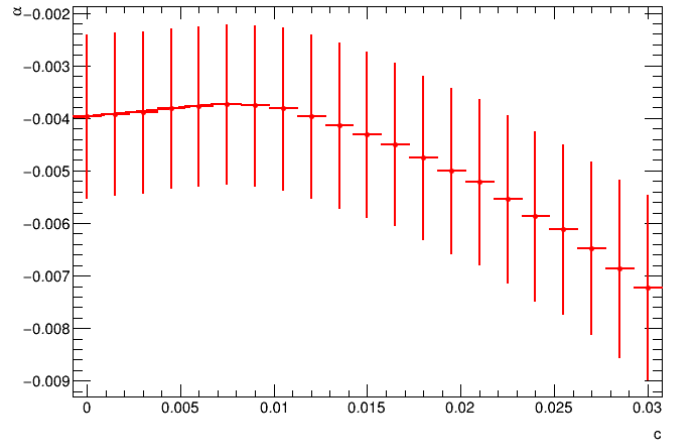
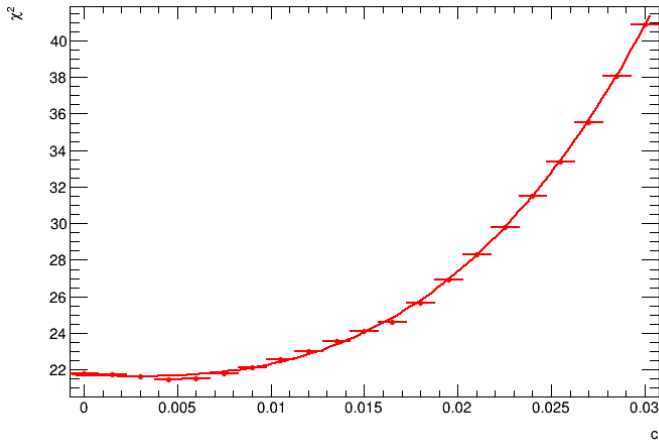
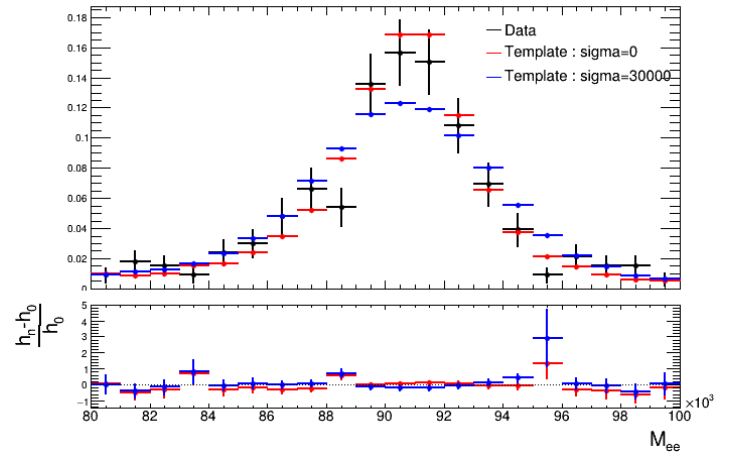
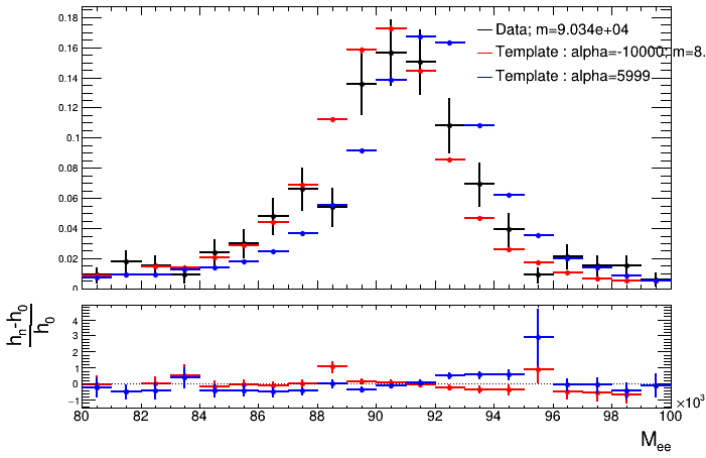
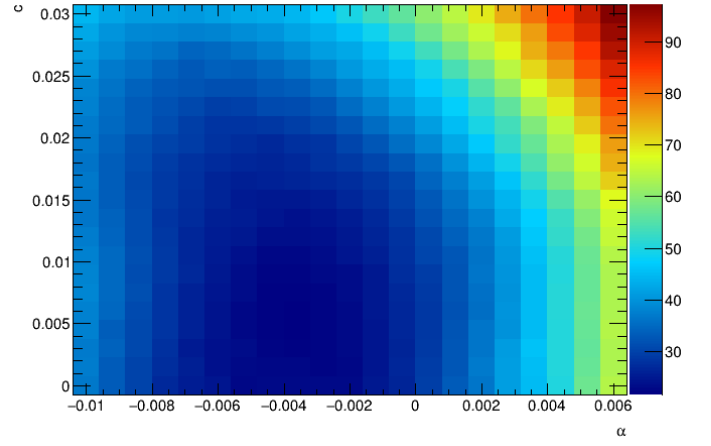
MCEvents : 75234

DataEvents : 366

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00387236 \pm 0.00153652$$

$$\sigma_{ij} = 0.00288333 \pm 0.00852464$$



82 ChiMatrix_13_10

Results

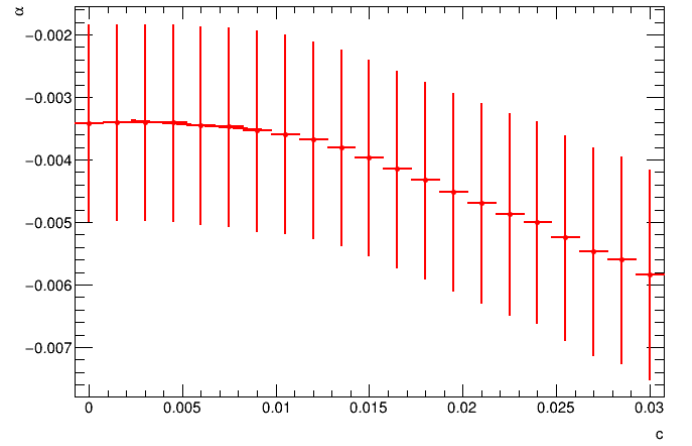
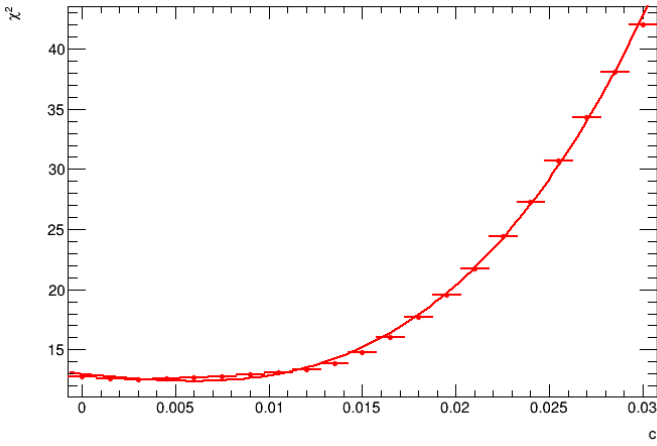
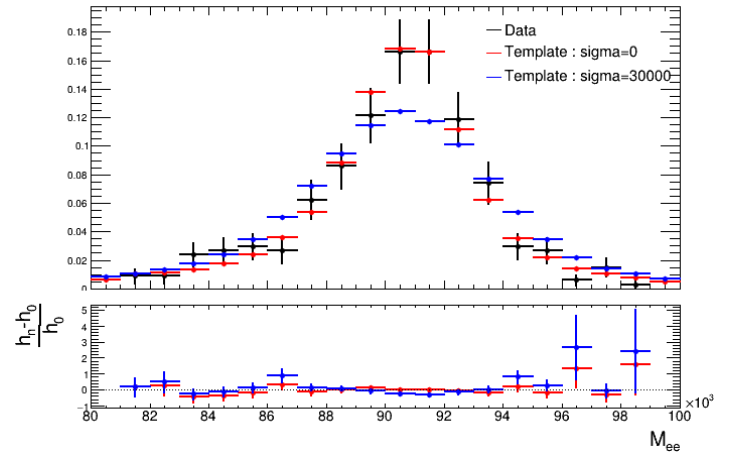
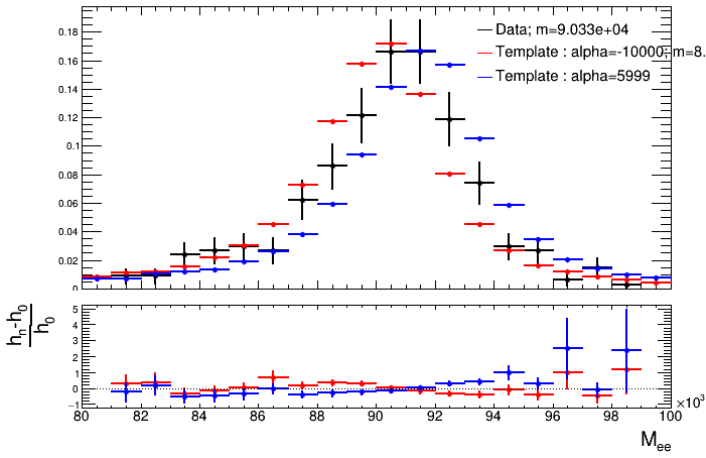
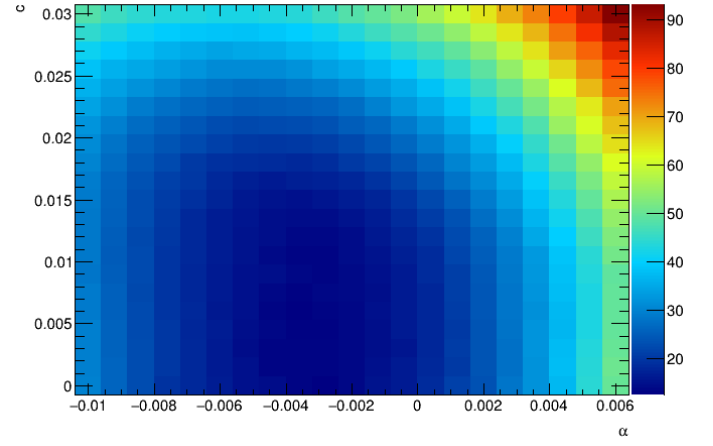
MCEvents : 76320

DataEvents : 371

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00345489 \pm 0.00158369$$

$$\sigma_{ij} = 0.00600752 \pm 0.00572351$$



83 ChiMatrix_13_11

Results

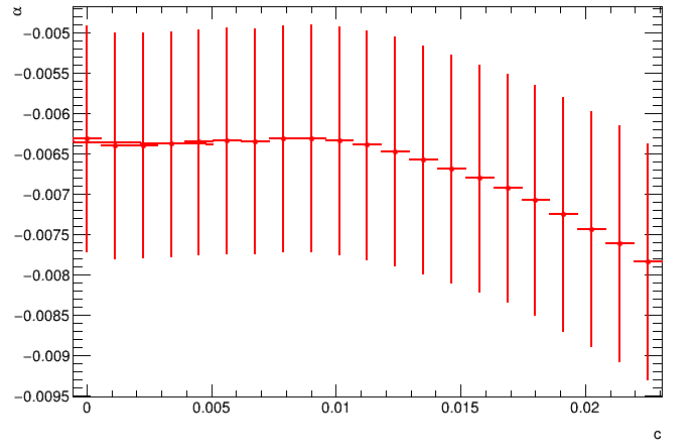
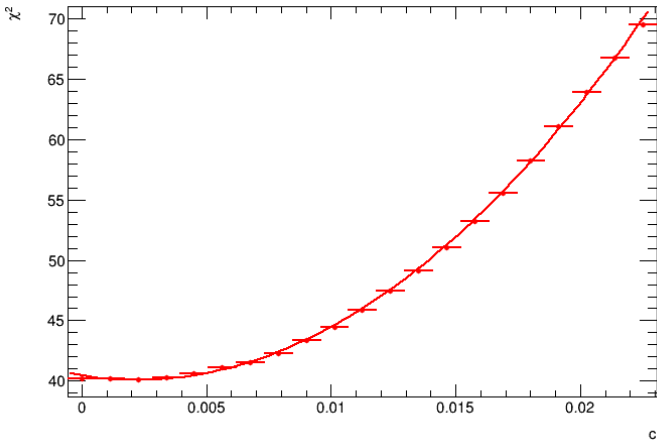
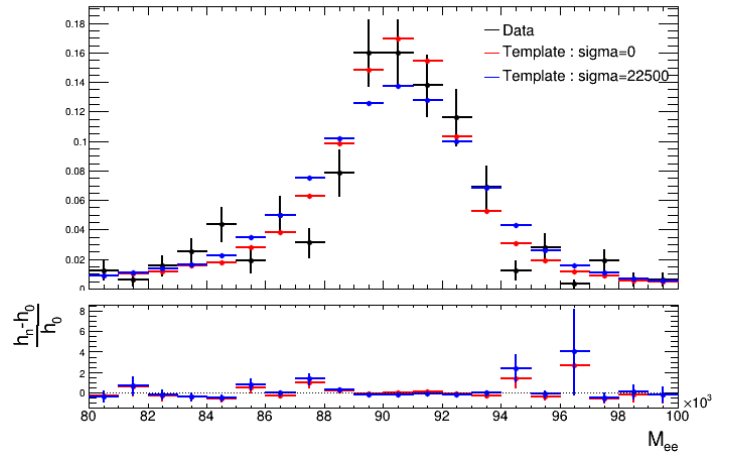
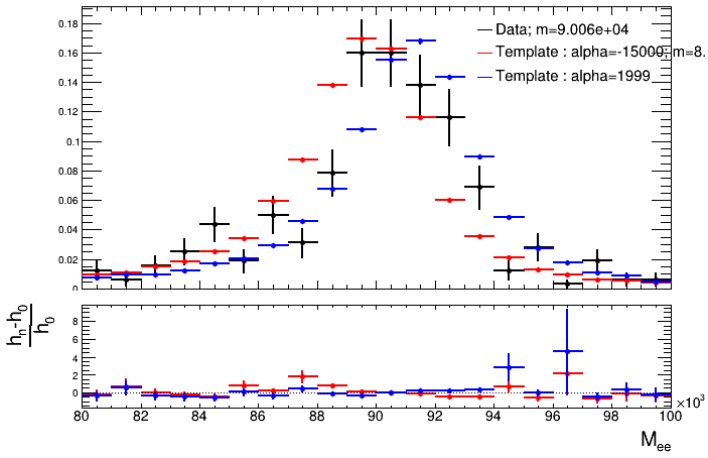
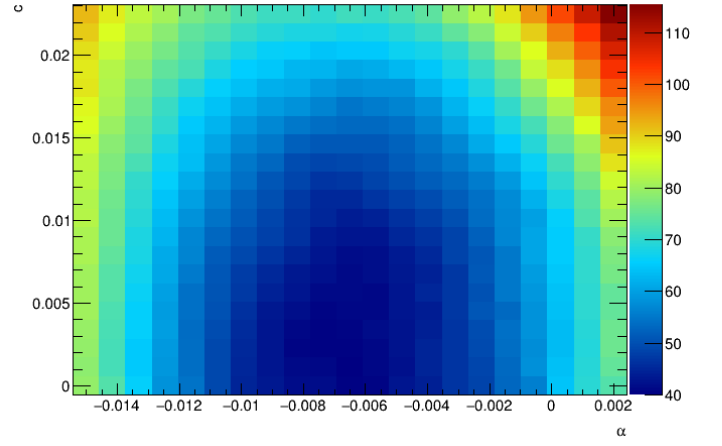
MCEvents : 76782

DataEvents : 360

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.0063665 \pm 0.00139311$$

$$\sigma_{ij} = 0.00220559 \pm 0.003735$$



84 ChiMatrix_13_12

Results

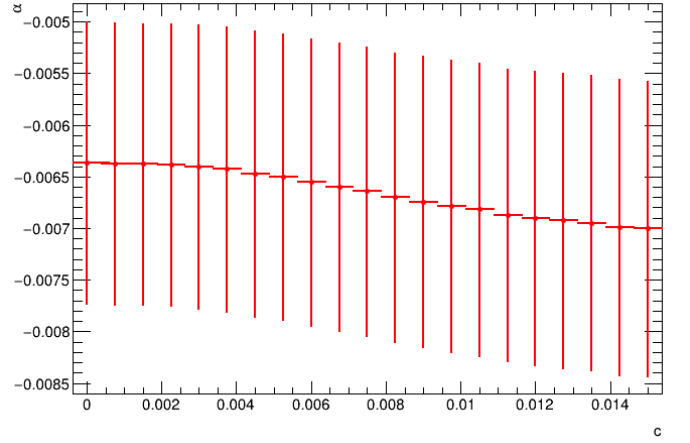
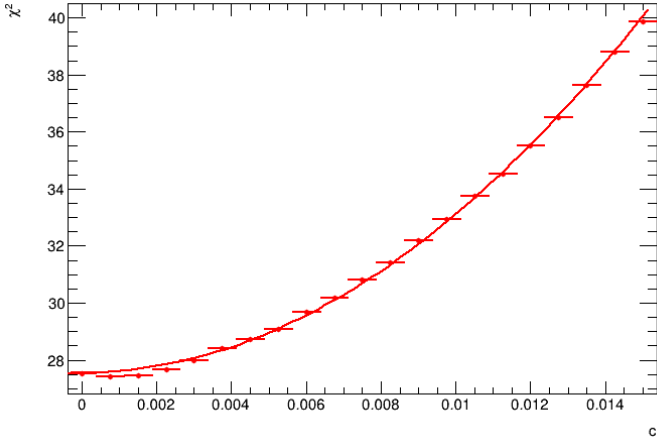
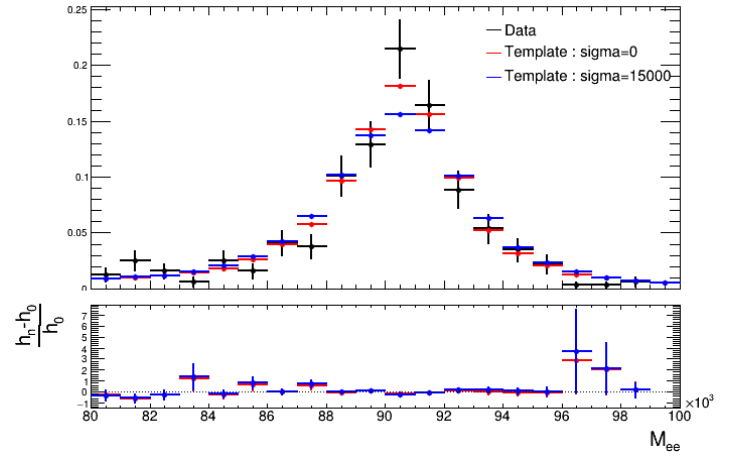
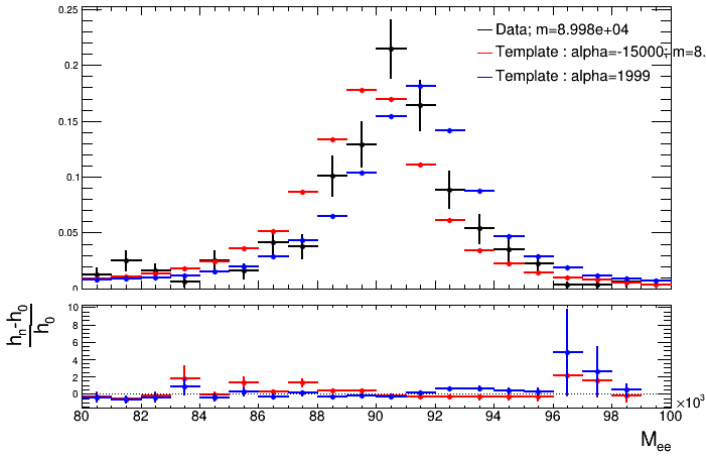
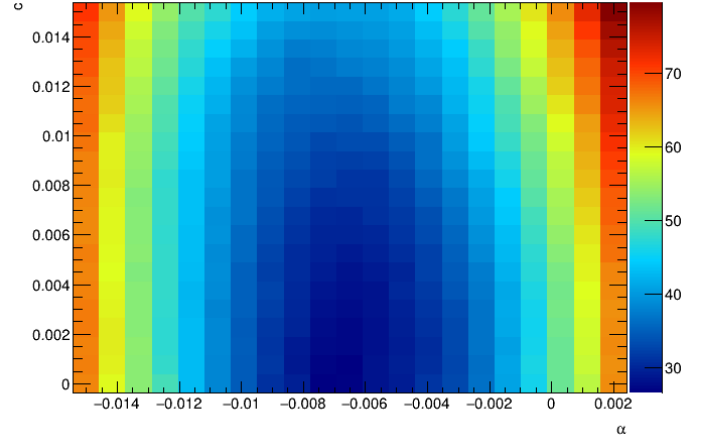
MCEvents : 75306

DataEvents : 359

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00636572 \pm 0.00136913$$

$$\sigma_{ij} = 1.17781e - 16 \pm 0.00424539$$



85 ChiMatrix_13_13

Results

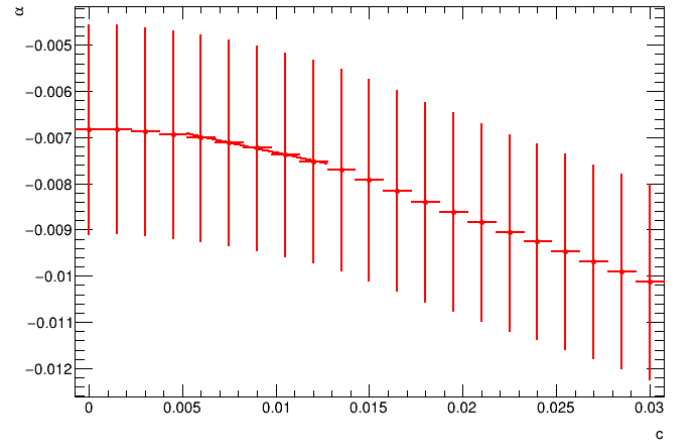
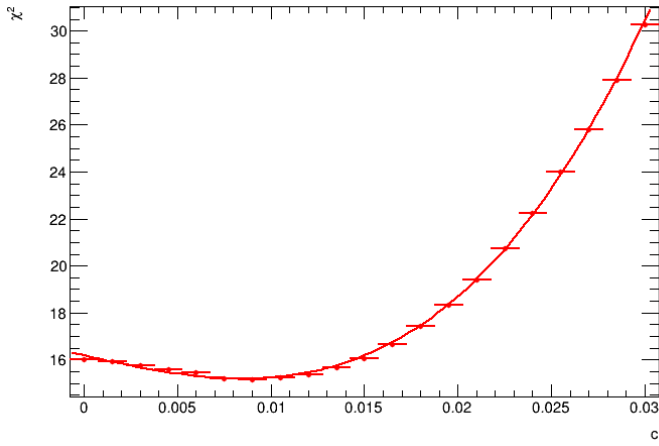
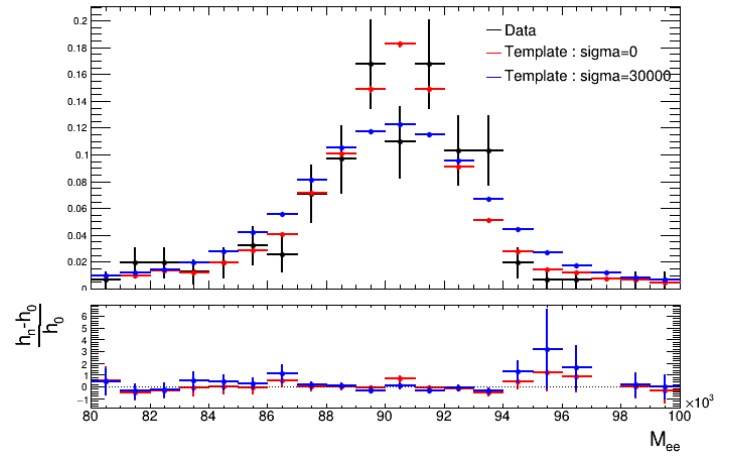
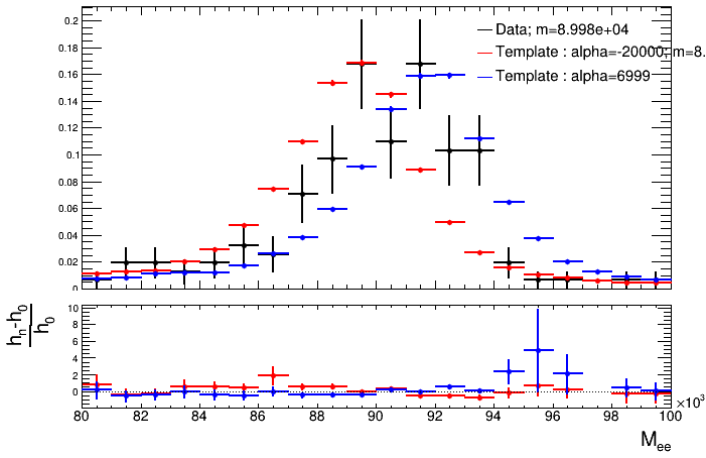
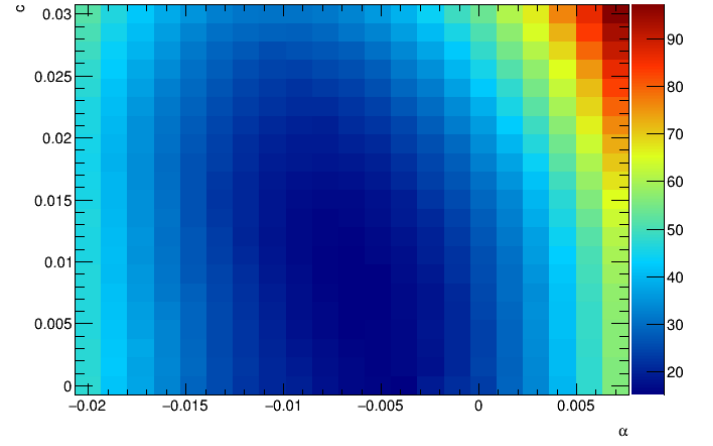
MCEvents : 38700

DataEvents : 175

ThresholdMass : 54

$$\alpha_{ij} = -0.00720669 \pm 0.00222064$$

$$\sigma_{ij} = 0.00854122 \pm 0.00654443$$



Results

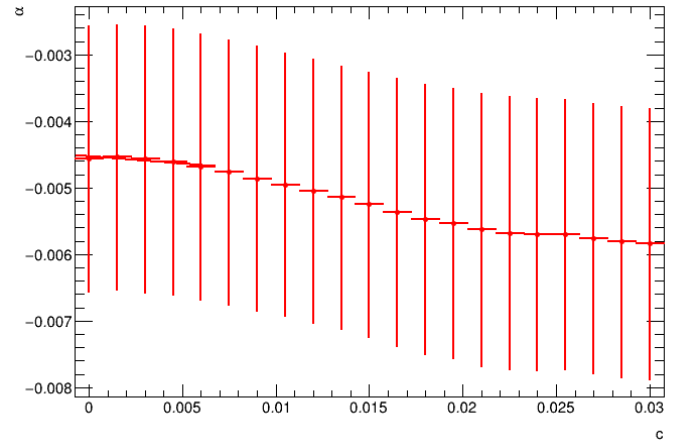
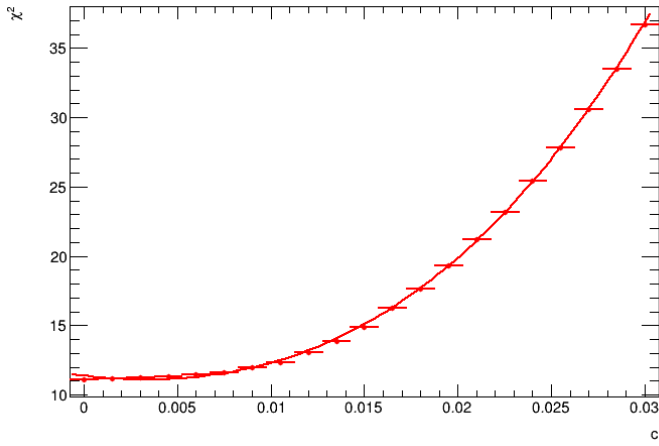
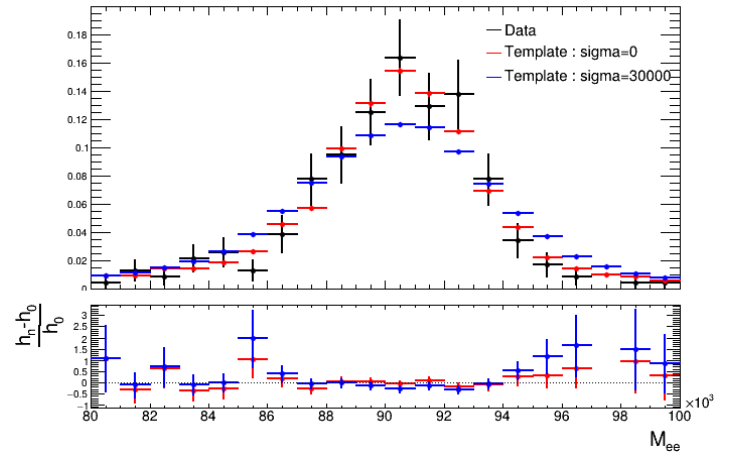
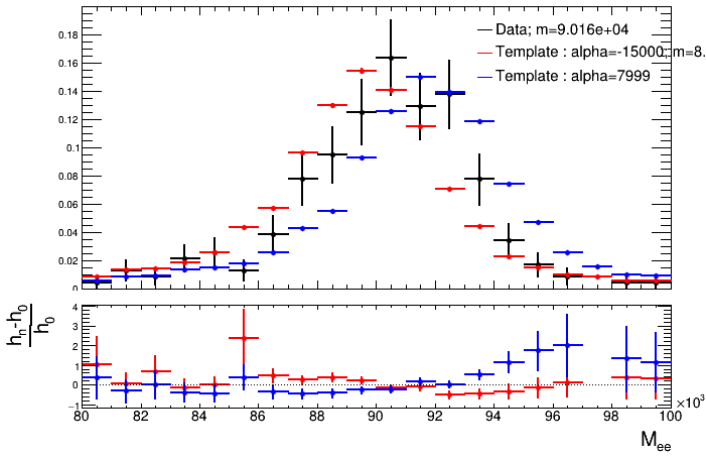
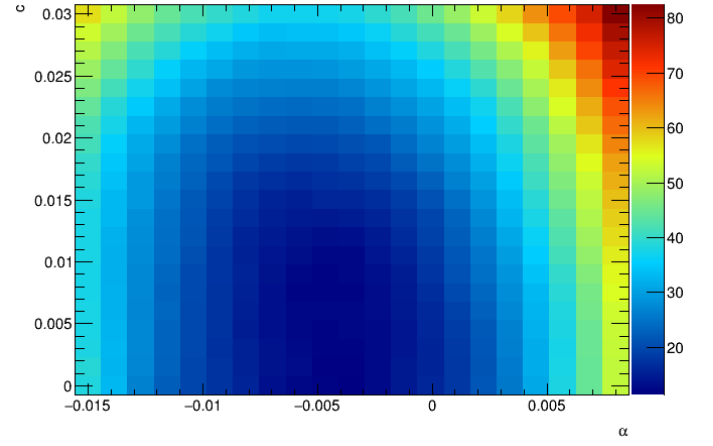
MCEvents : 59280

DataEvents : 256

ThresholdMass : 67.7791

$$\alpha_{ij} = -0.00460182 \pm 0.00200052$$

$$\sigma_{ij} = 0.00338131 \pm 0.0061172$$



87 ChiMatrix_14_8

Results

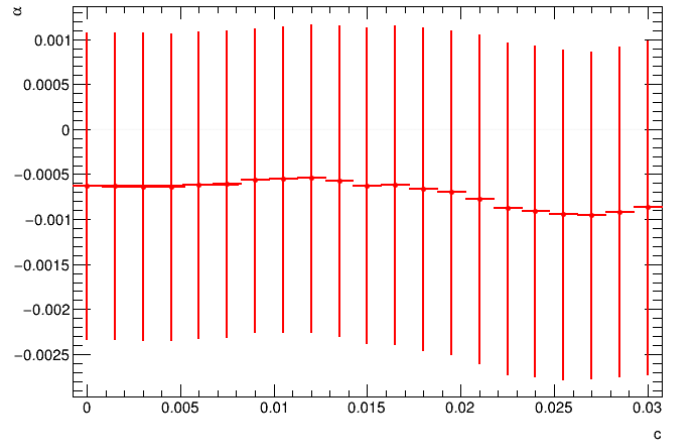
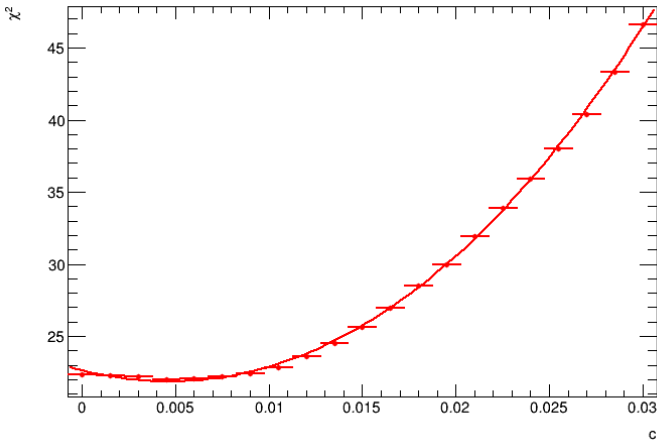
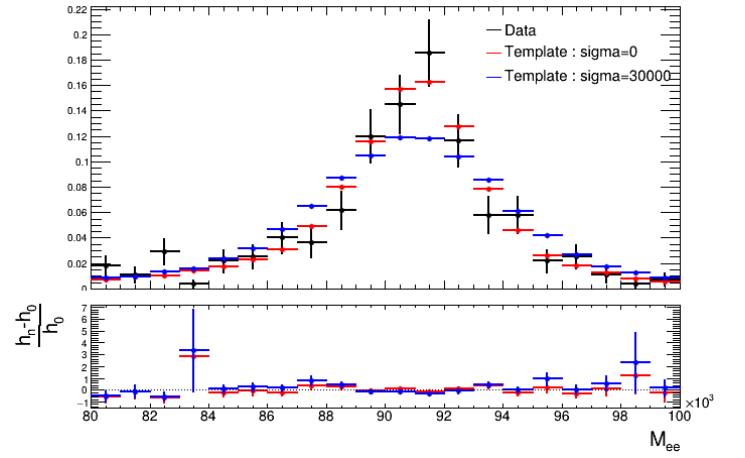
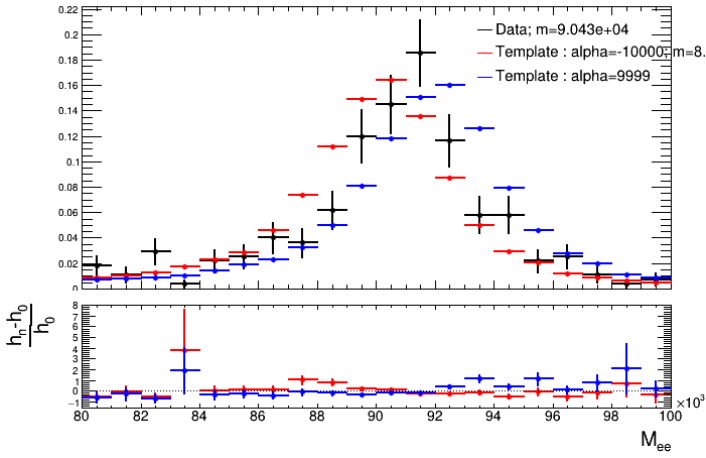
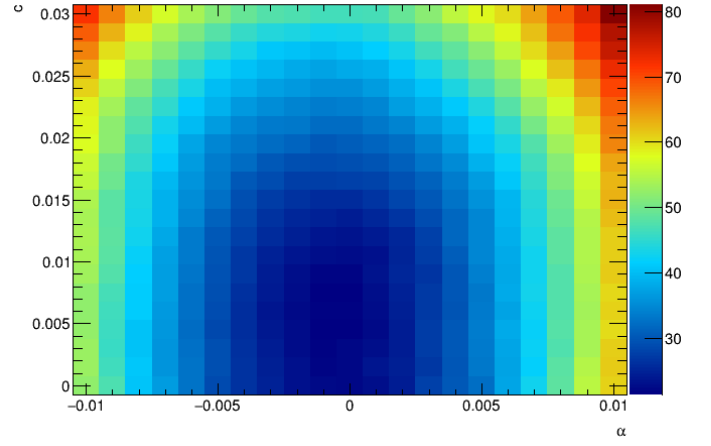
MCEvents : 67674

DataEvents : 299

ThresholdMass : 64.0151

$$\alpha_{ij} = -0.000625538 \pm 0.00170652$$

$$\sigma_{ij} = 0.00469256 \pm 0.00531518$$



88 ChiMatrix_14_9

Results

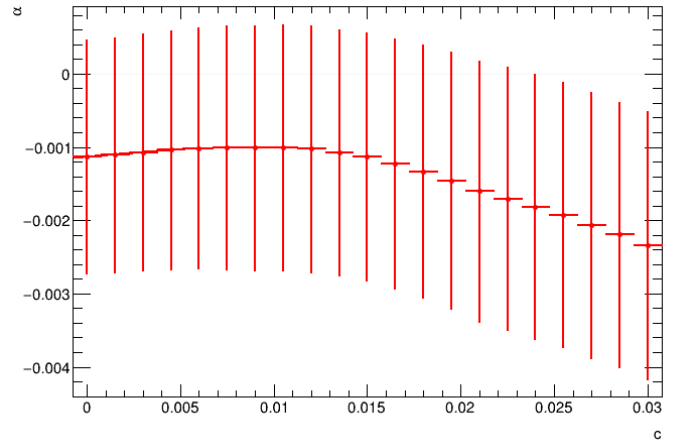
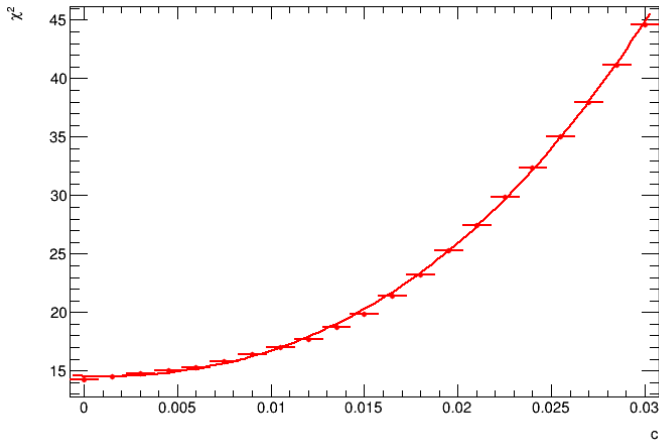
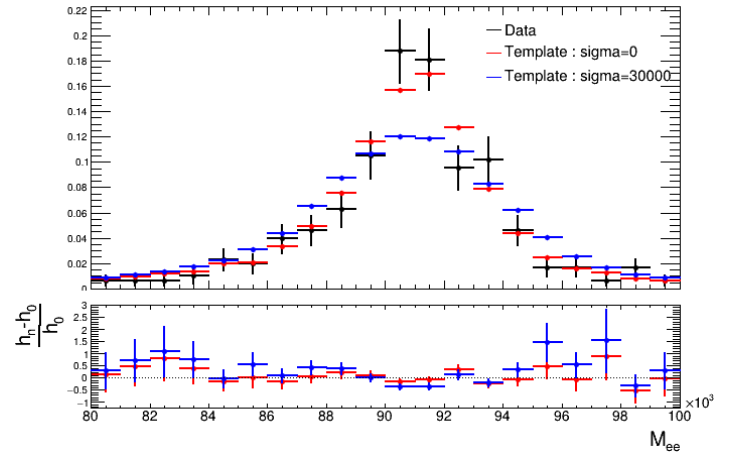
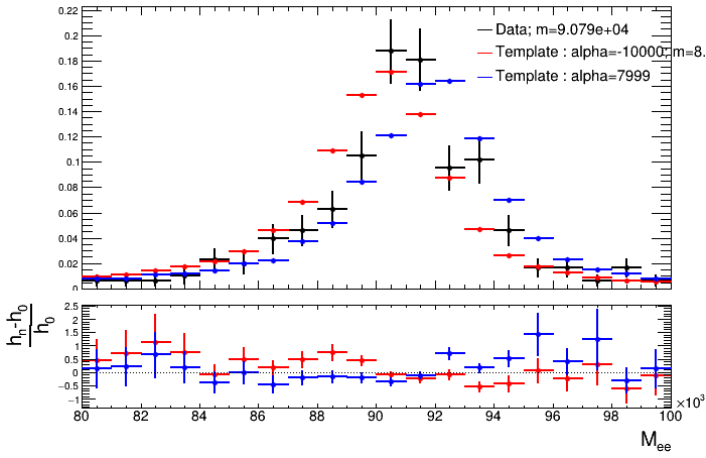
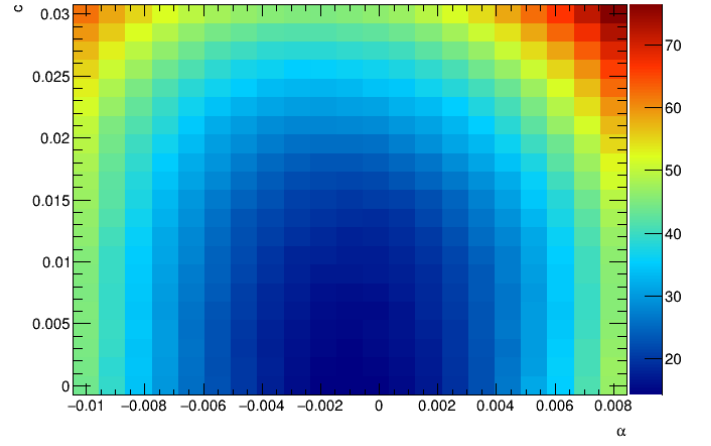
MCEvents : 73764

DataEvents : 330

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00111058 \pm 0.001606$$

$$\sigma_{ij} = 0.00105655 \pm 0.00621634$$



89 ChiMatrix_14_10

Results

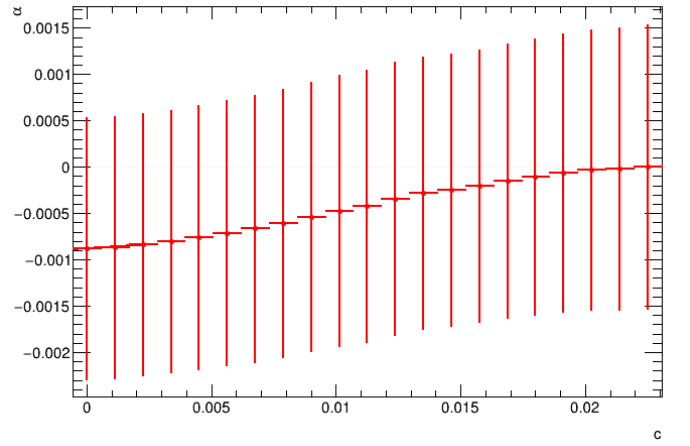
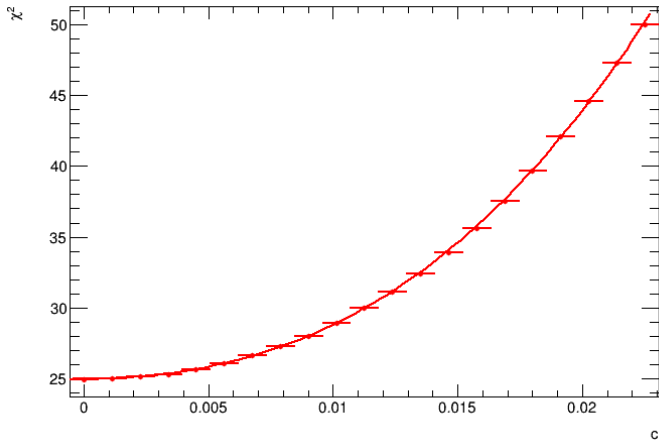
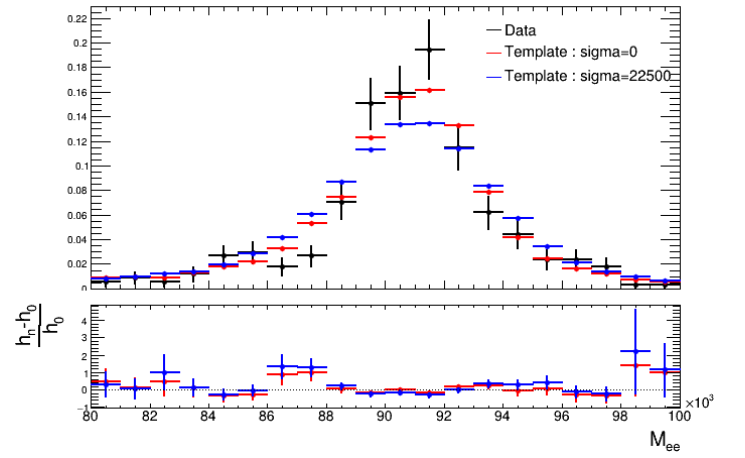
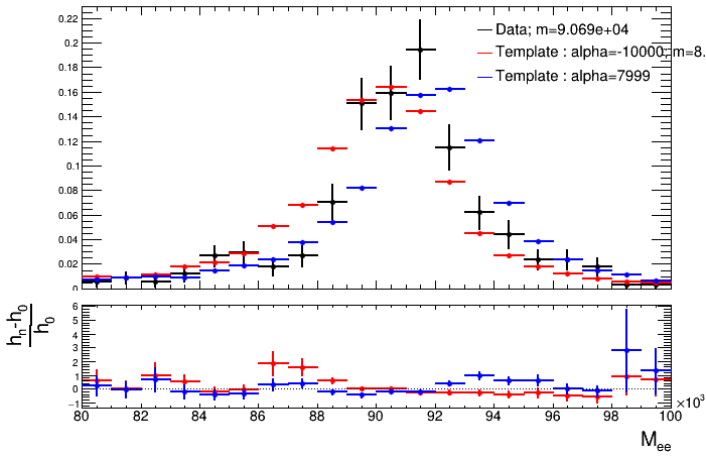
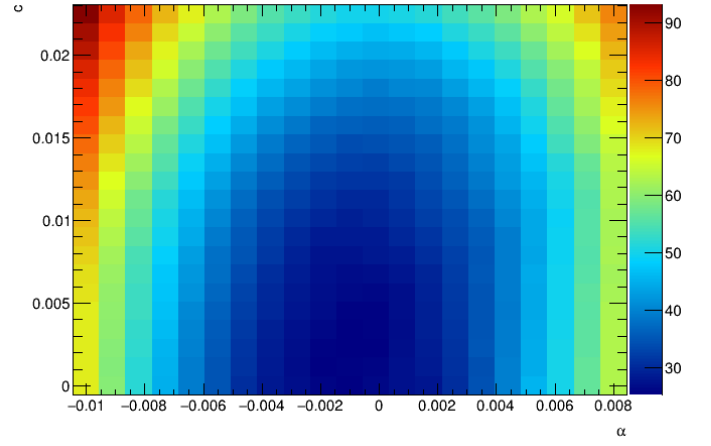
MCEvents : 73530

DataEvents : 362

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.000879545 \pm 0.00141371$$

$$\sigma_{ij} = 2.97012e - 16 \pm 0.00545876$$



Results

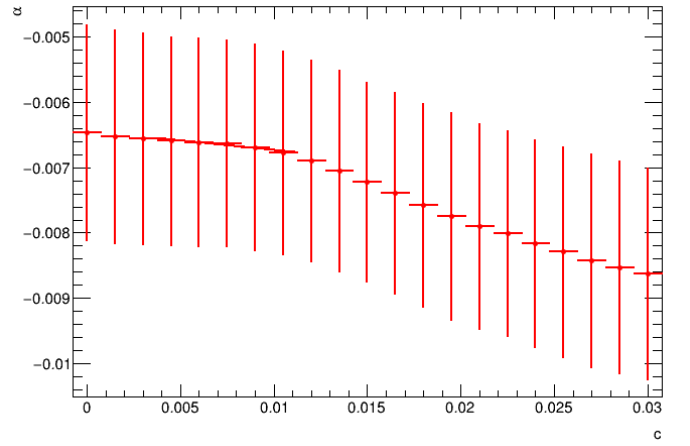
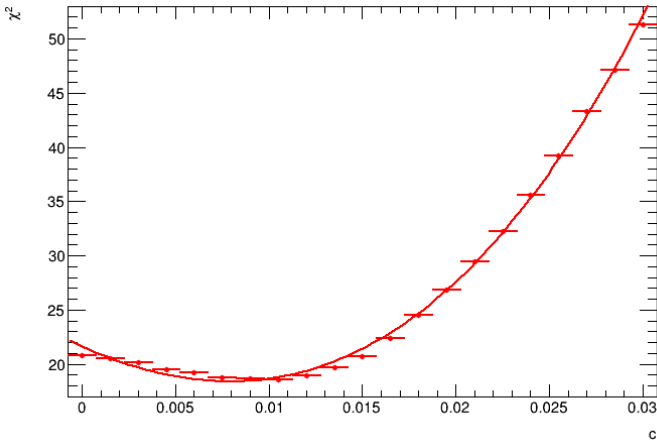
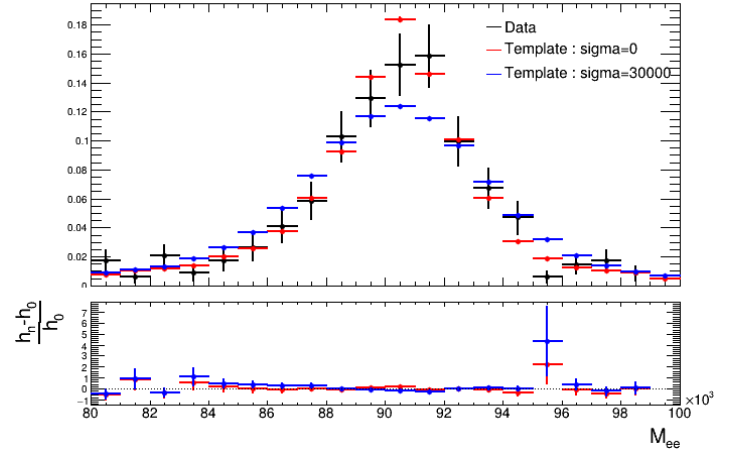
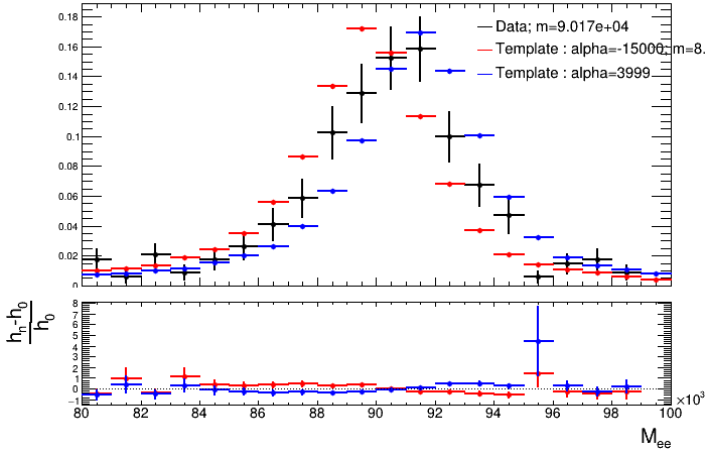
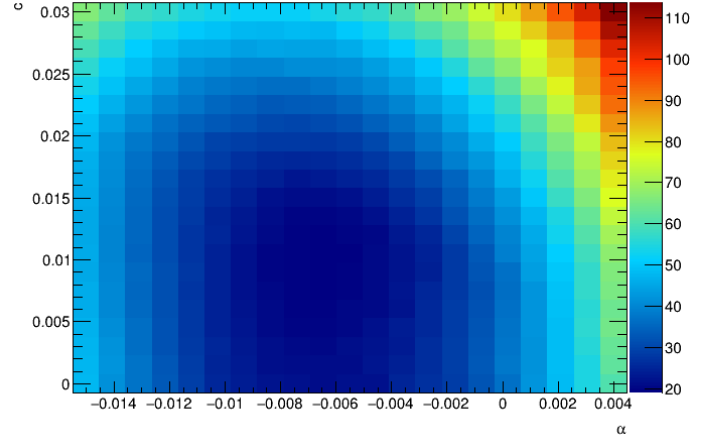
MCEvents : 74298

DataEvents : 377

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00667522 \pm 0.00158281$$

$$\sigma_{ij} = 0.00796072 \pm 0.0041478$$



91 ChiMatrix_14_12

Results

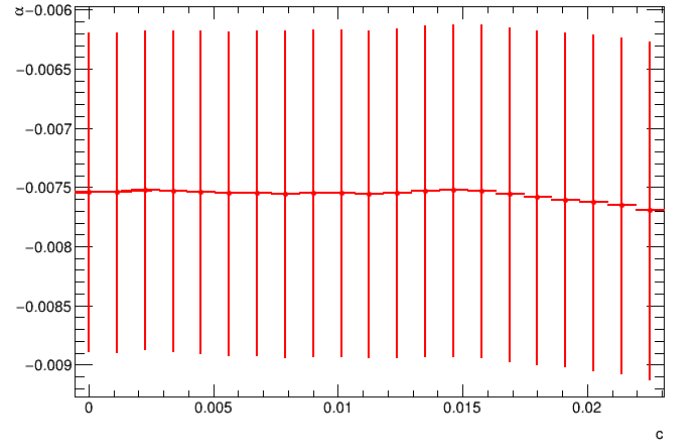
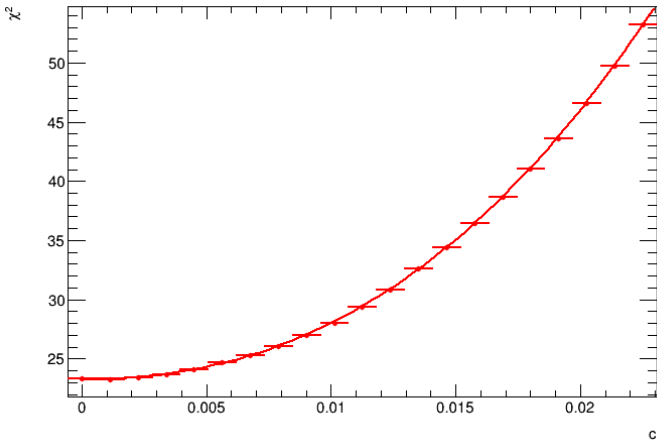
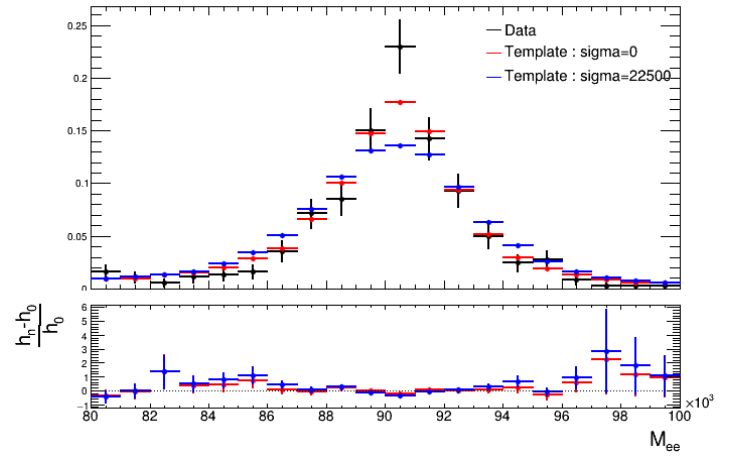
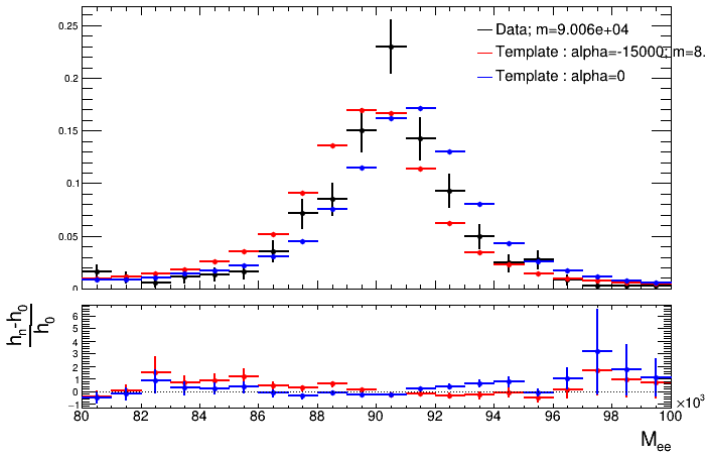
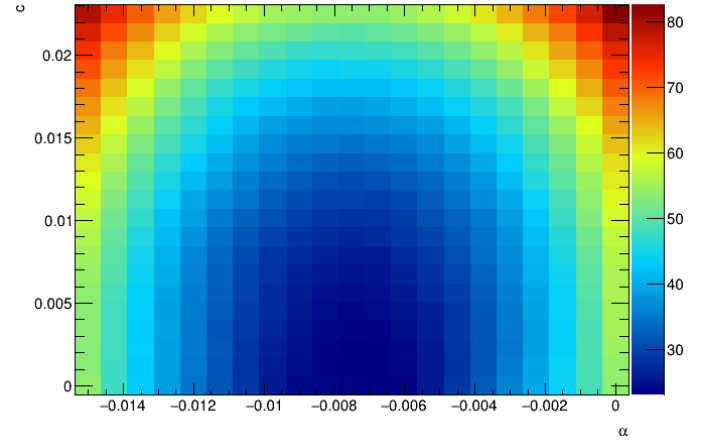
MCEvents : 76386

DataEvents : 411

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.00754211 \pm 0.0013478$$

$$\sigma_{ij} = 0.000318782 \pm 0.00465591$$



92 ChiMatrix_14_13

Results

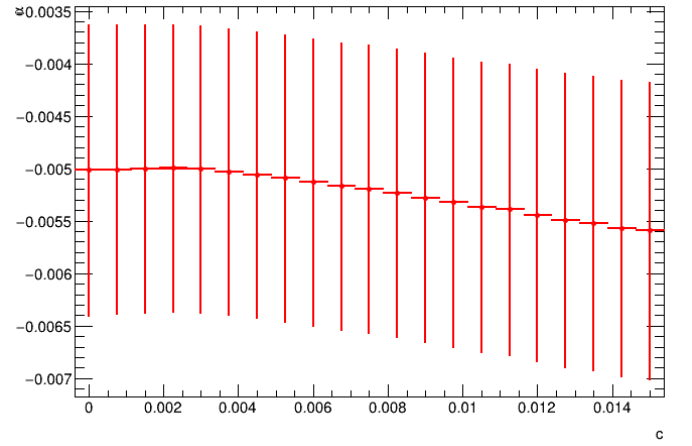
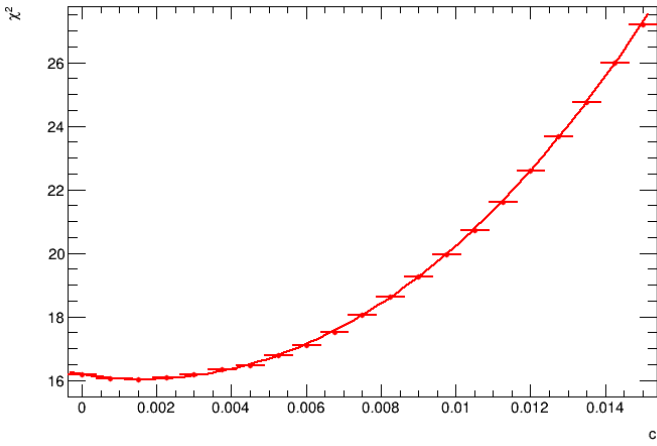
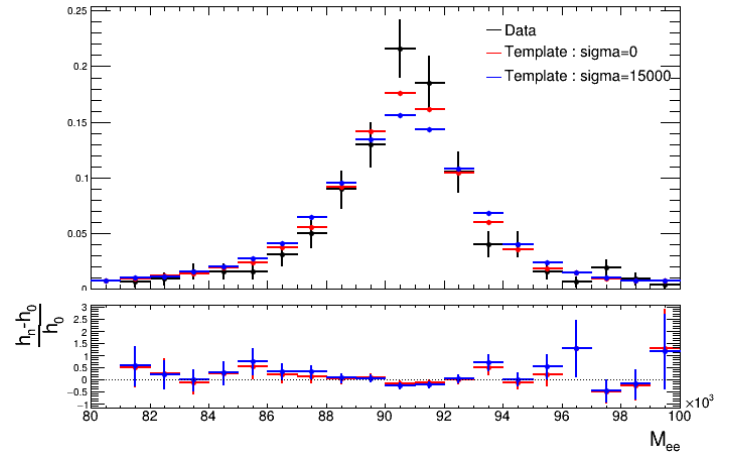
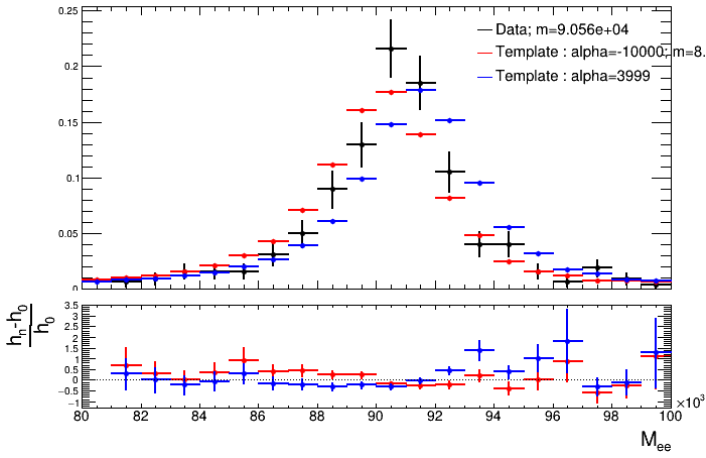
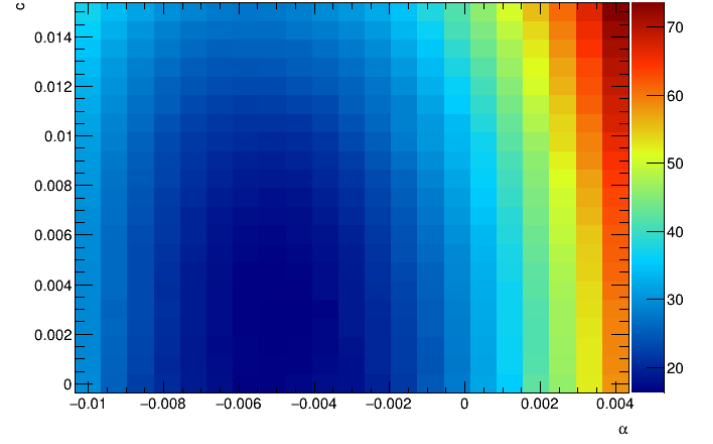
MCEvents : 79158

DataEvents : 371

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.0050065 \pm 0.00137422$$

$$\sigma_{ij} = 0.00162299 \pm 0.00418671$$



93 ChiMatrix_14_14

Results

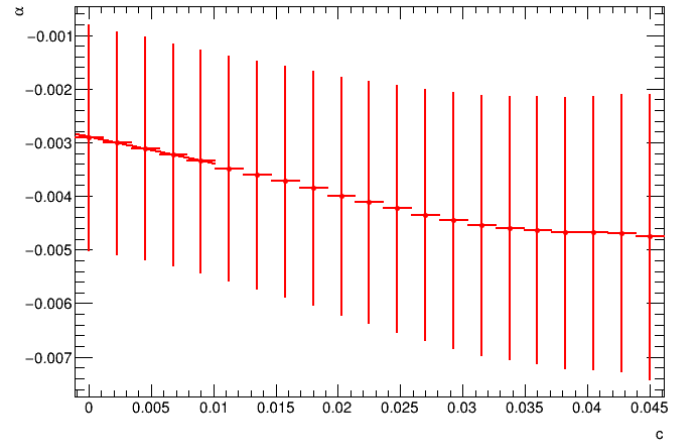
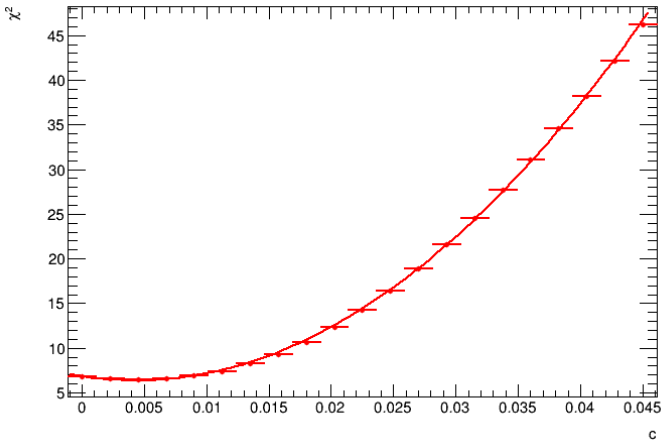
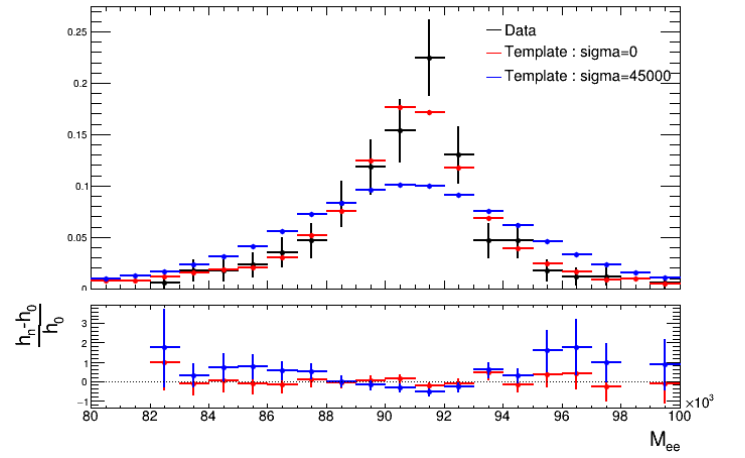
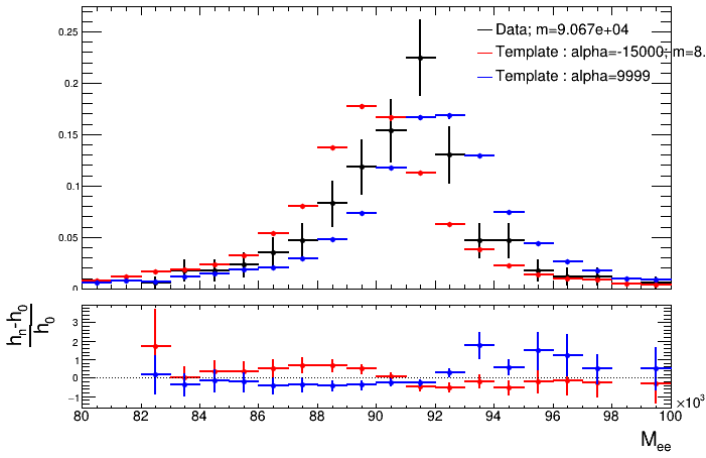
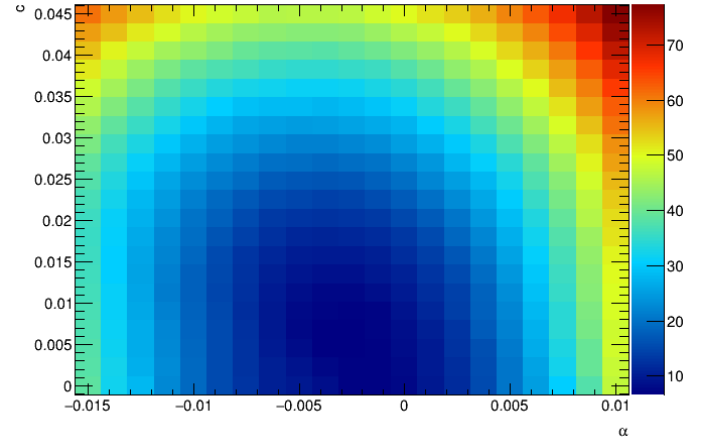
MCEvents : 39408

DataEvents : 187

ThresholdMass : 54

$$\alpha_{ij} = -0.00311365 \pm 0.00207305$$

$$\sigma_{ij} = 0.00437264 \pm 0.00640658$$



Results

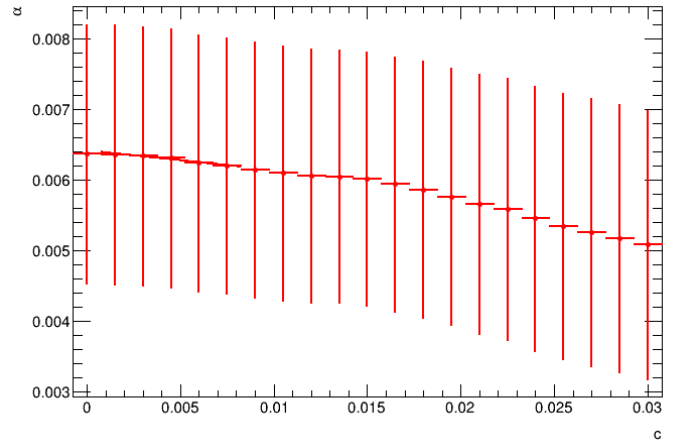
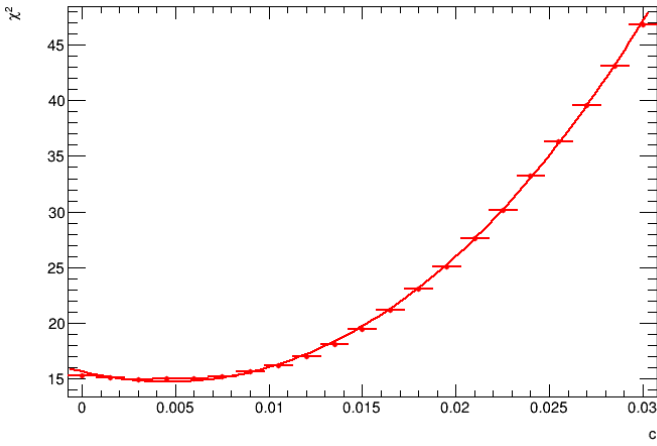
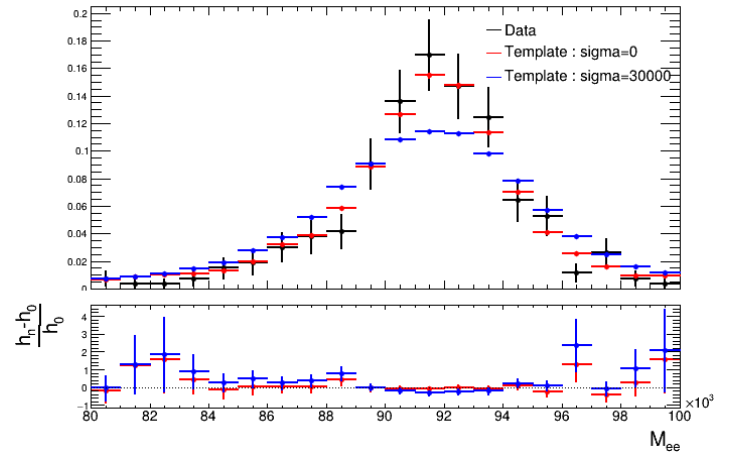
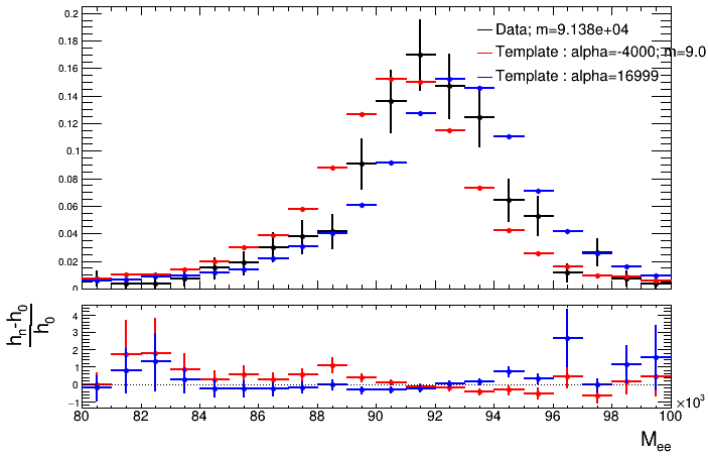
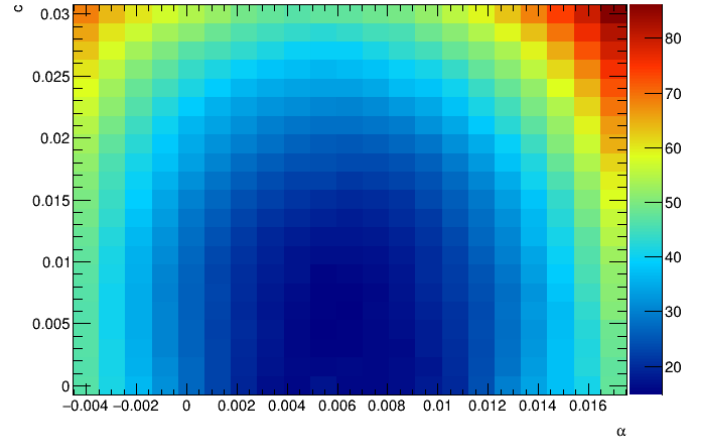
MCEvents : 60474

DataEvents : 283

ThresholdMass : 67.7791

$$\alpha_{ij} = 0.00628949 \pm 0.00183775$$

$$\sigma_{ij} = 0.00464522 \pm 0.00473213$$



95 ChiMatrix_15_9

Results

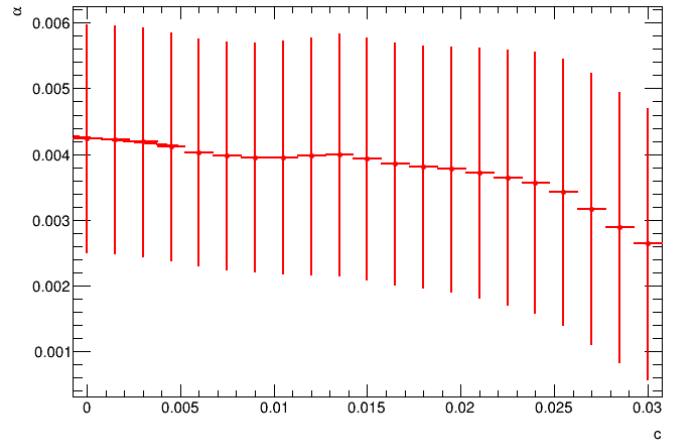
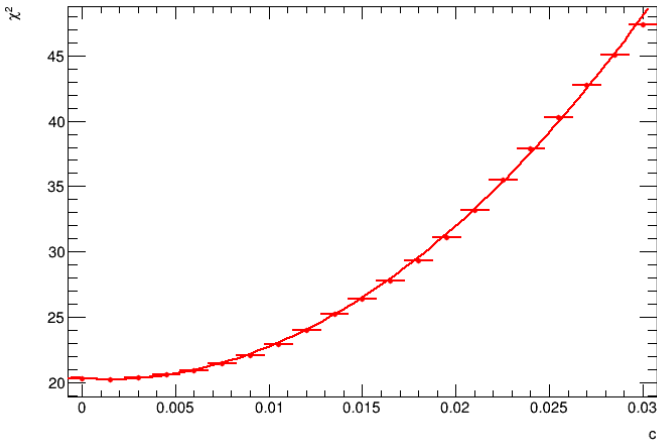
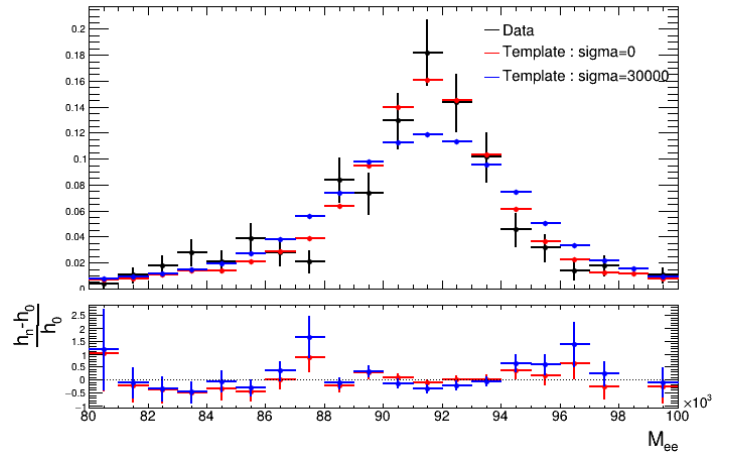
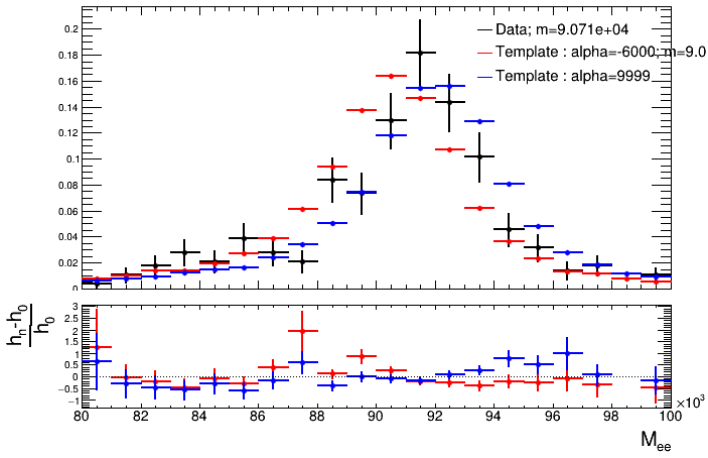
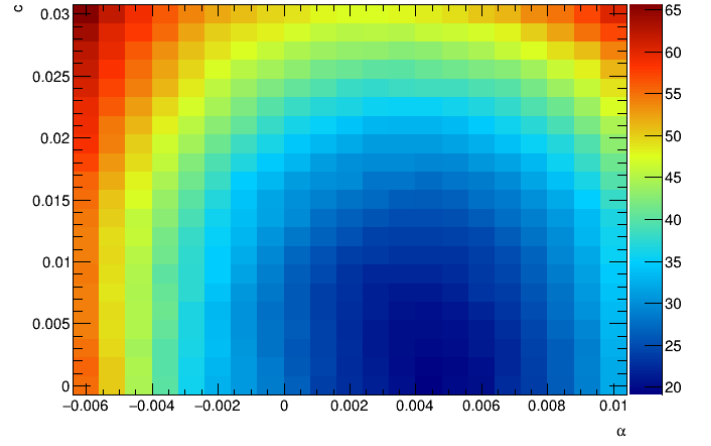
MCEvents : 68010

DataEvents : 319

ThresholdMass : 64.0151

$$\alpha_{ij} = 0.00421414 \pm 0.00172836$$

$$\sigma_{ij} = 0.00147844 \pm 0.00542053$$



Results

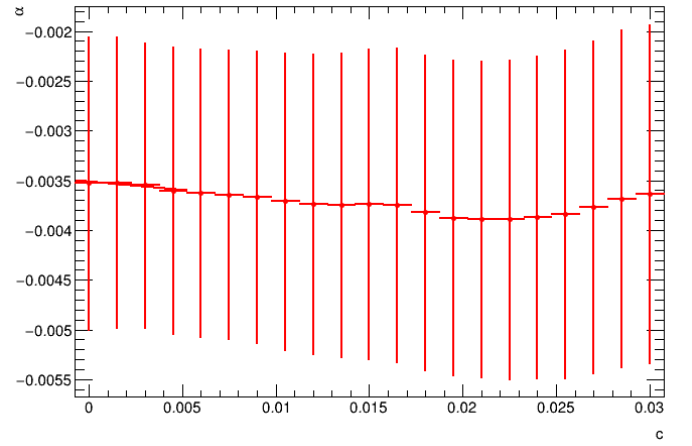
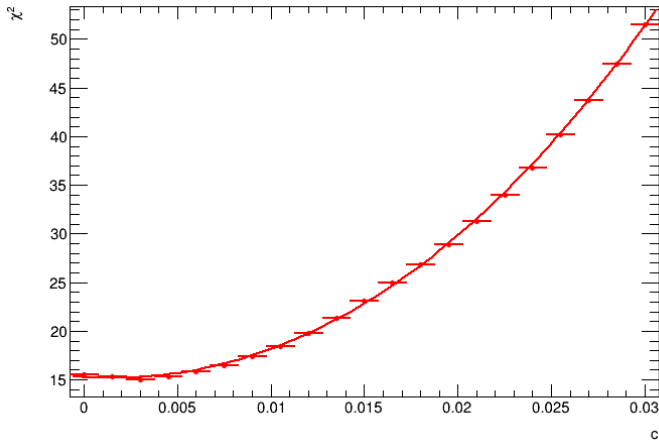
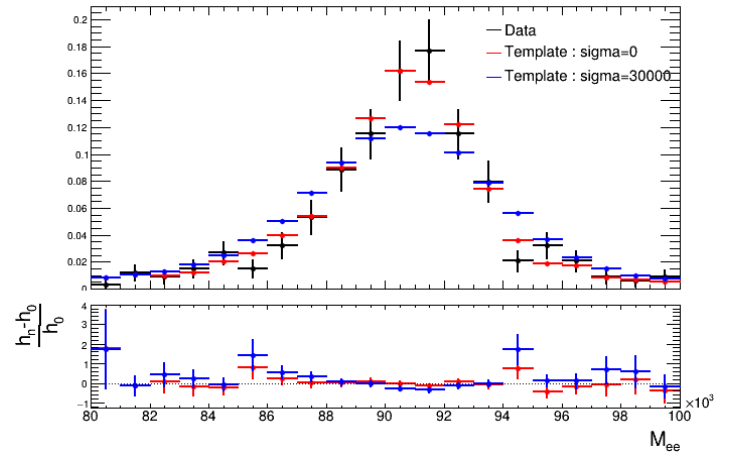
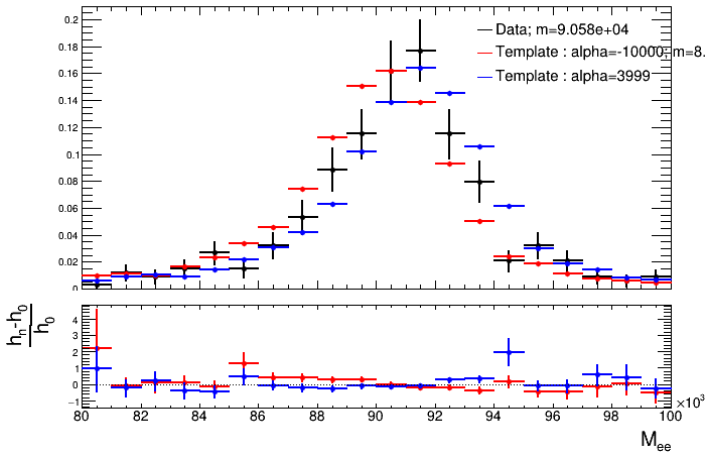
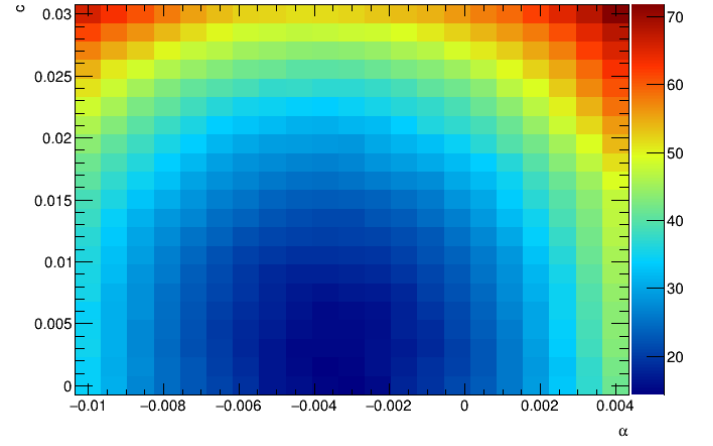
MCEvents : 69864

DataEvents : 371

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00353758 \pm 0.00146027$$

$$\sigma_{ij} = 0.00153103 \pm 0.00498278$$



97 ChiMatrix_15_11

Results

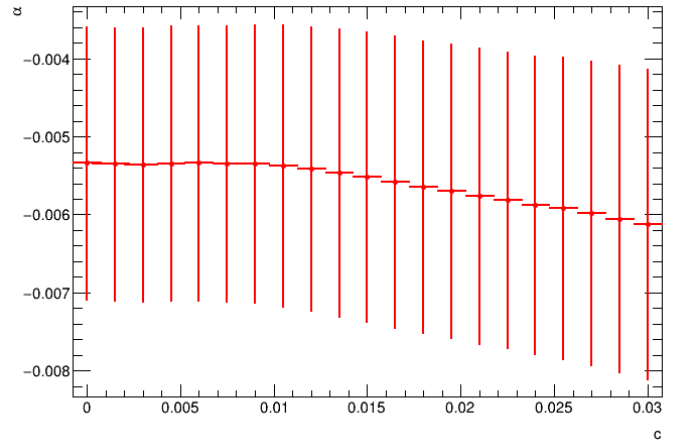
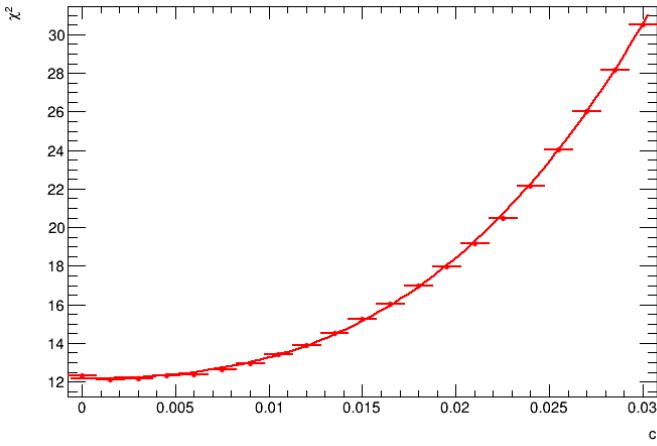
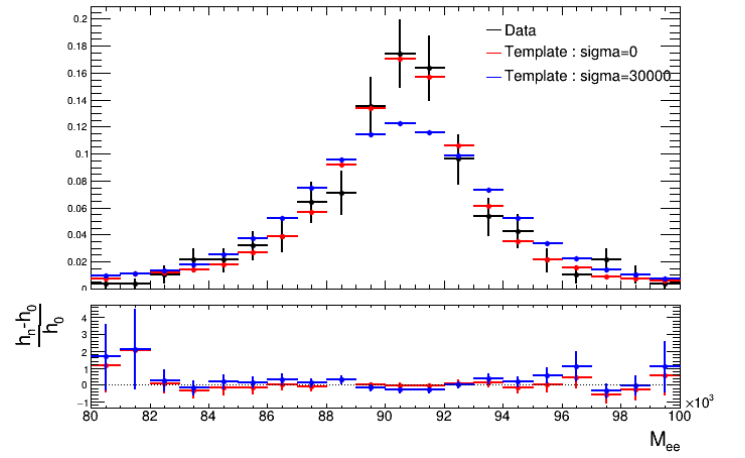
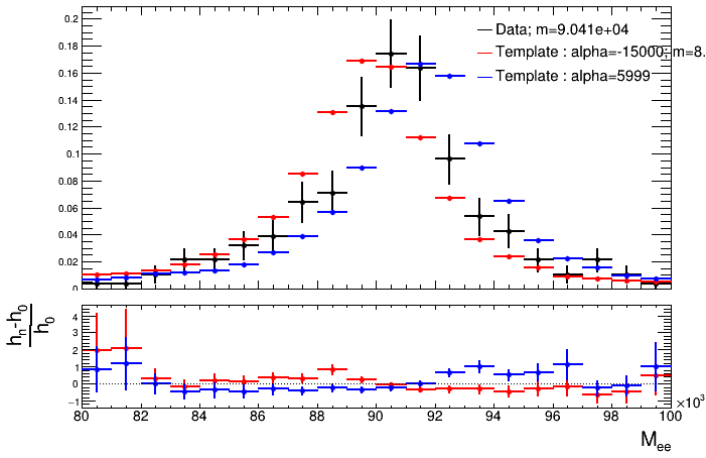
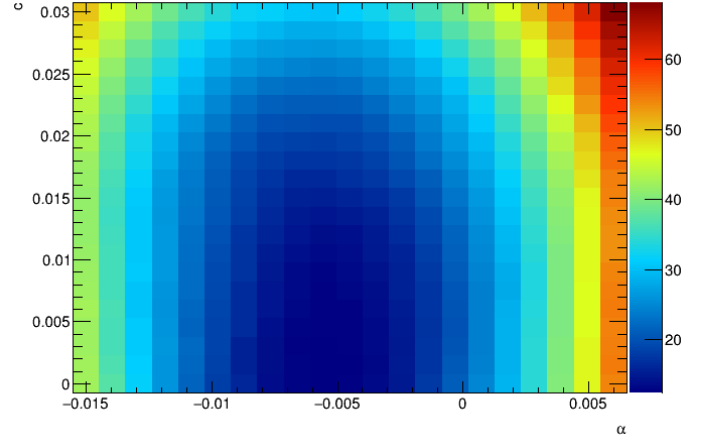
MCEvents : 72282

DataEvents : 326

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00534085 \pm 0.00175193$$

$$\sigma_{ij} = 0.000241392 \pm 0.00951159$$



Results

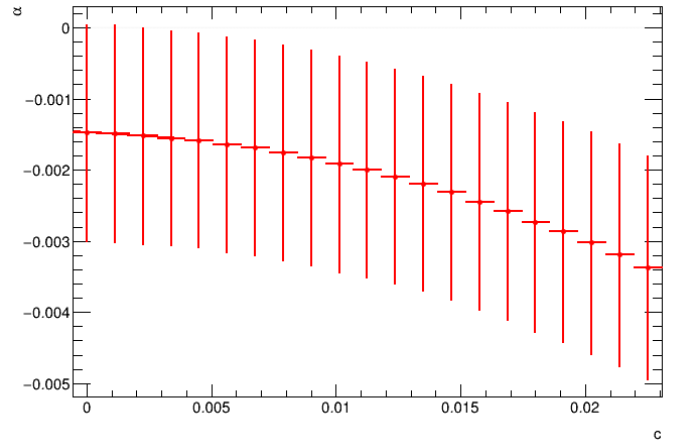
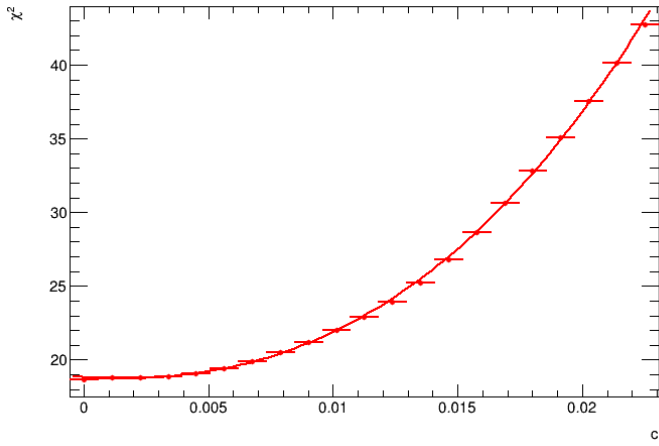
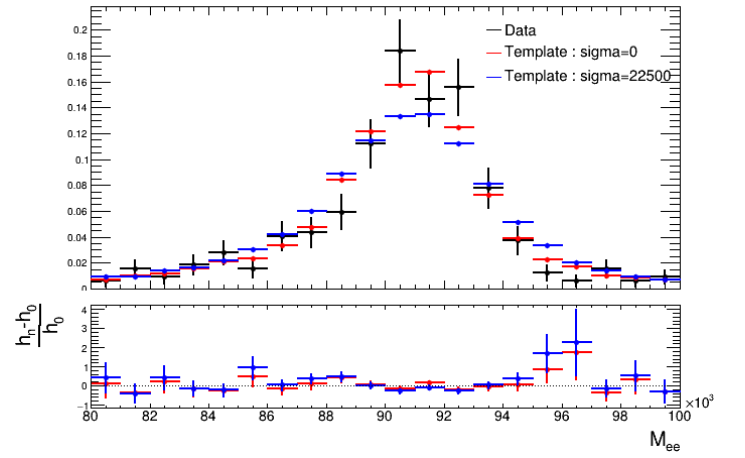
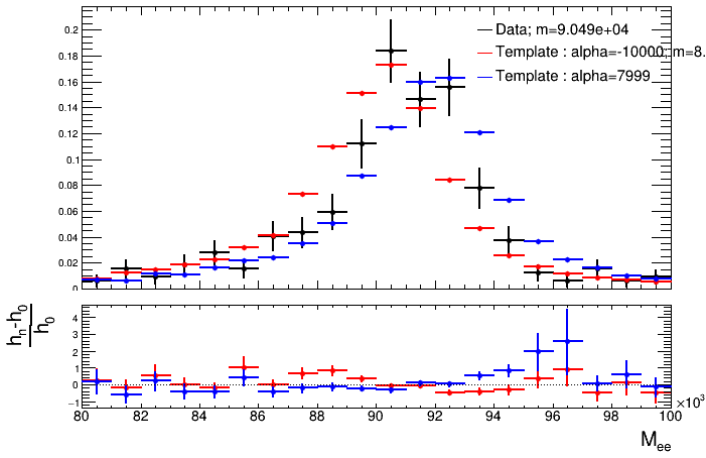
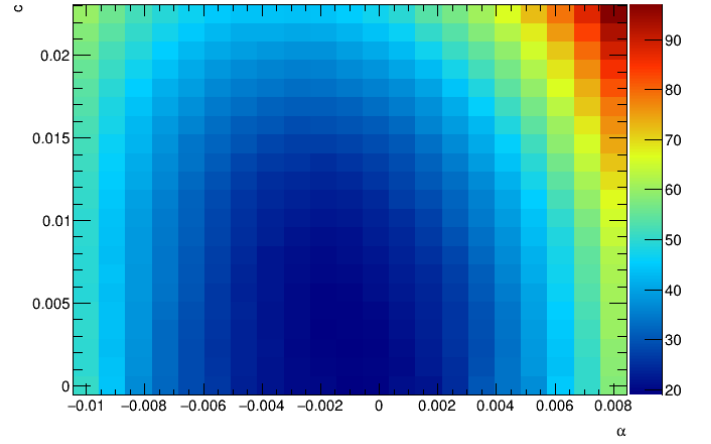
MCEvents : 73176

DataEvents : 355

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00150773 \pm 0.00152817$$

$$\sigma_{ij} = 0.00158522 \pm 0.00494198$$



99 ChiMatrix_15_13

Results

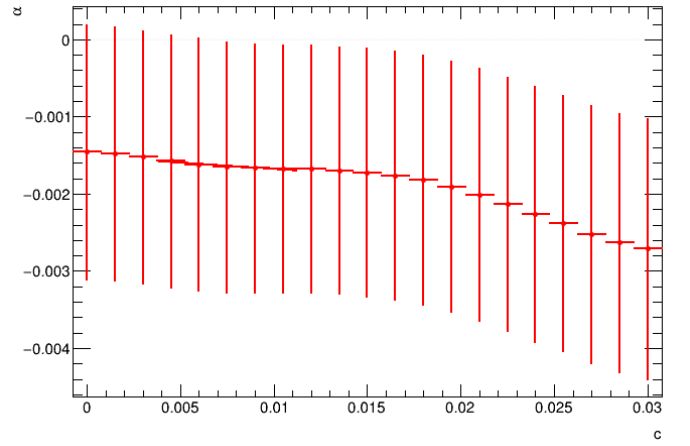
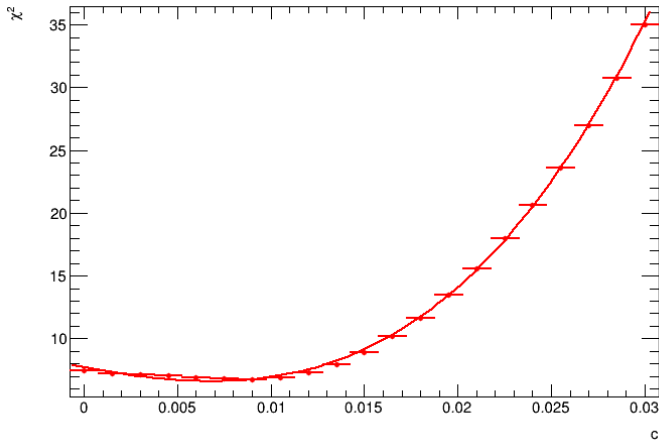
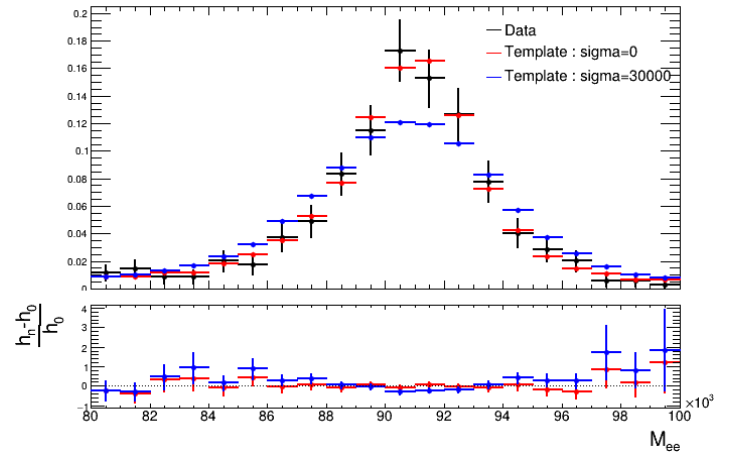
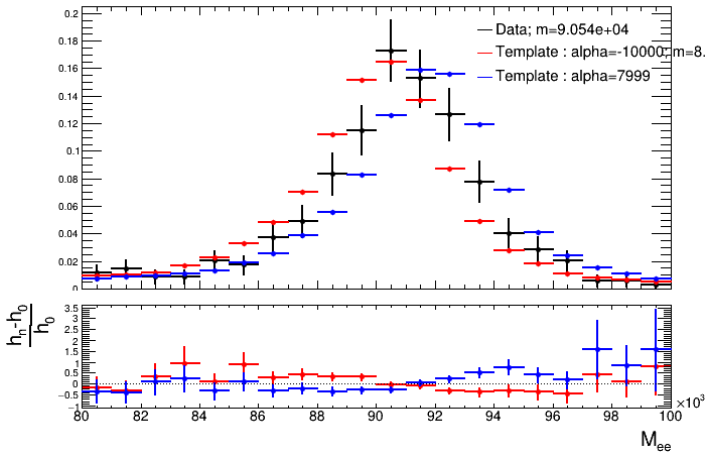
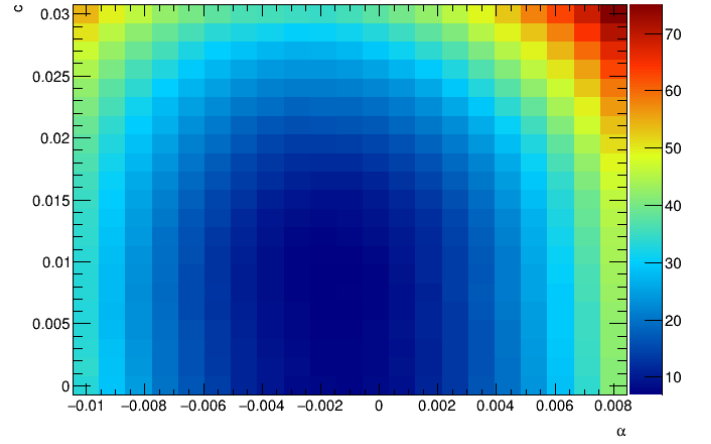
MCEvents : 76632

DataEvents : 381

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.00162658 \pm 0.00162485$$

$$\sigma_{ij} = 0.00687533 \pm 0.00532459$$



Results

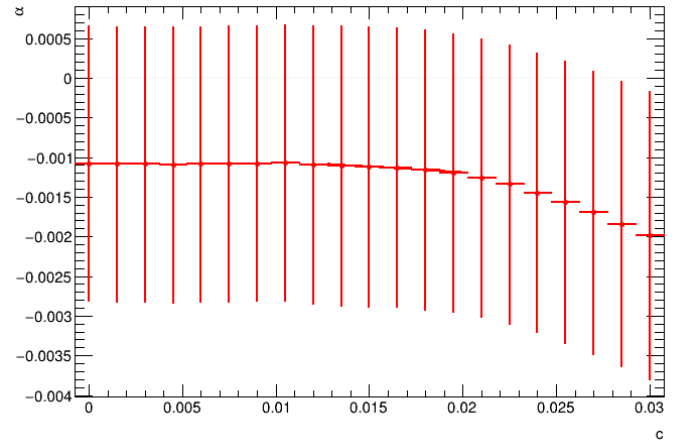
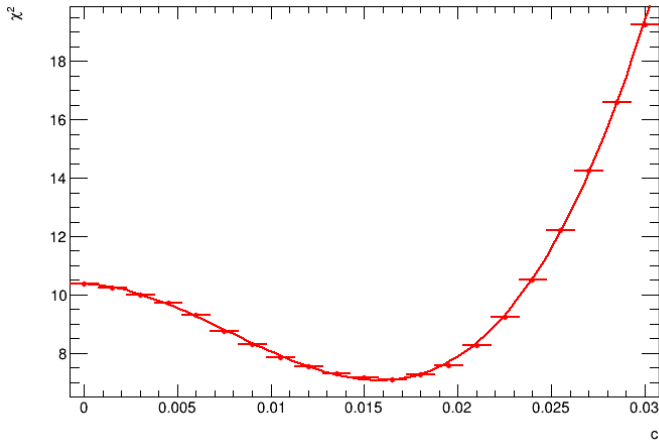
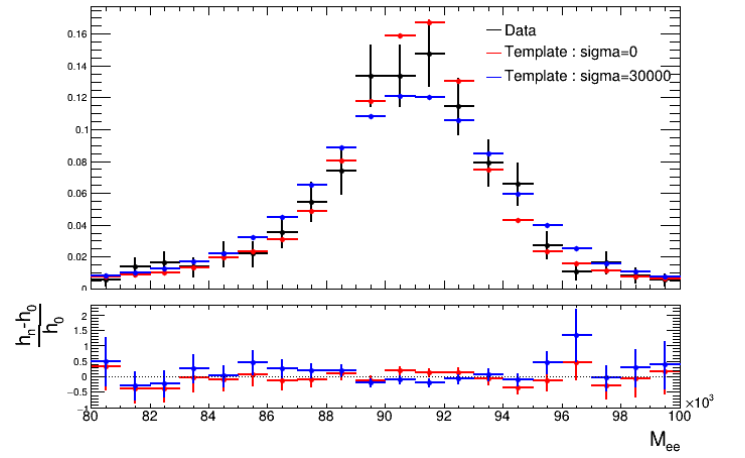
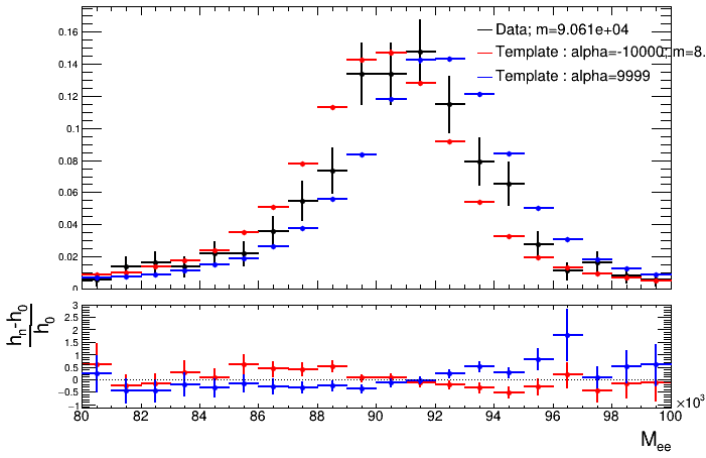
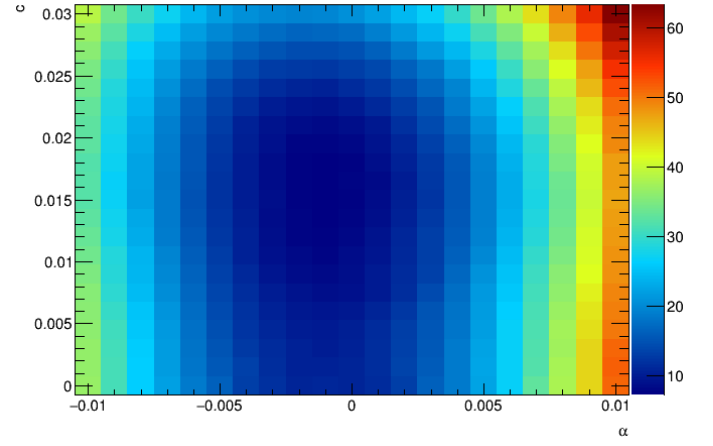
MCEvents : 77466

DataEvents : 404

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00113033 \pm 0.00176372$$

$$\sigma_{ij} = 0.0157884 \pm 0.00467185$$



Results

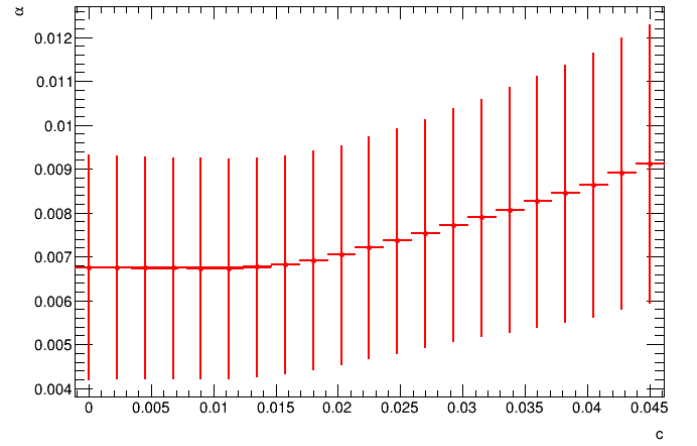
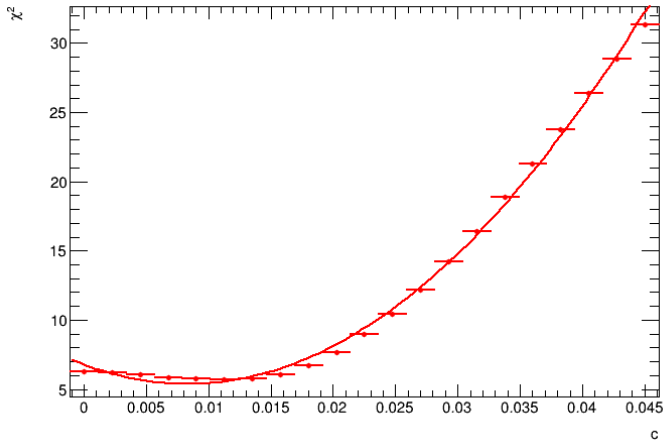
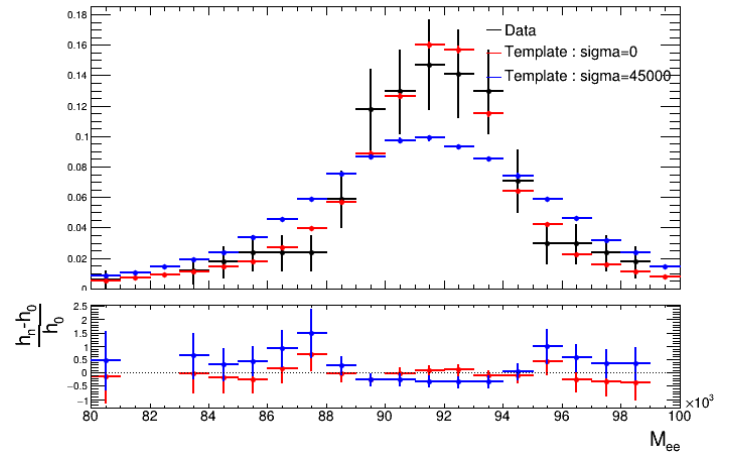
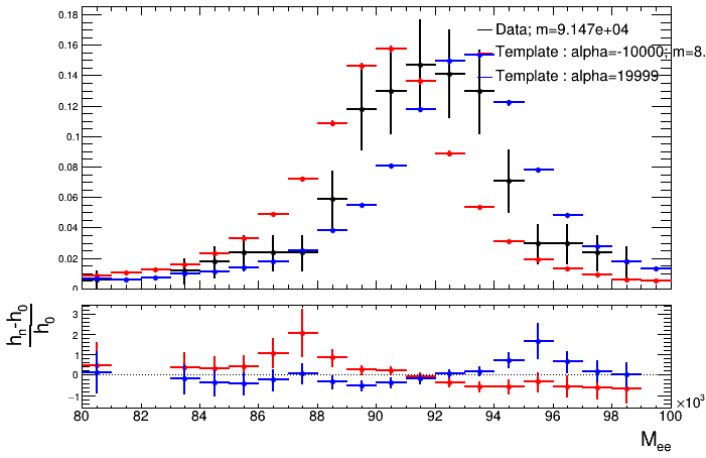
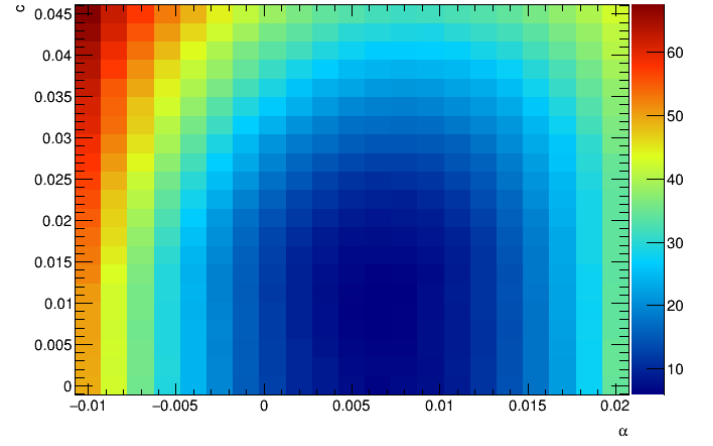
MCEvents : 37512

DataEvents : 195

ThresholdMass : 54

$$\alpha_{ij} = 0.00674089 \pm 0.00251442$$

$$\sigma_{ij} = 0.00835547 \pm 0.00706796$$



Results

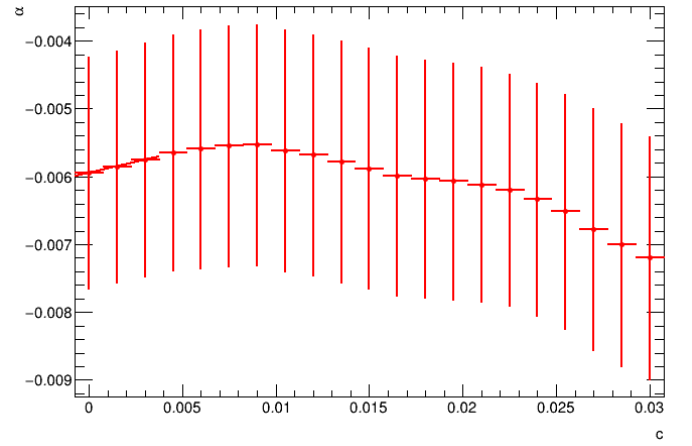
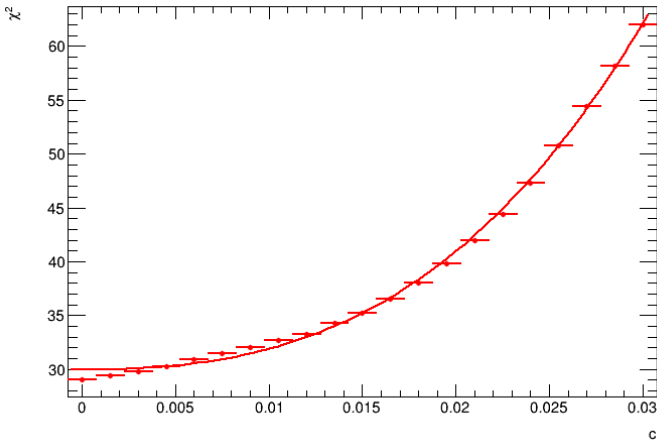
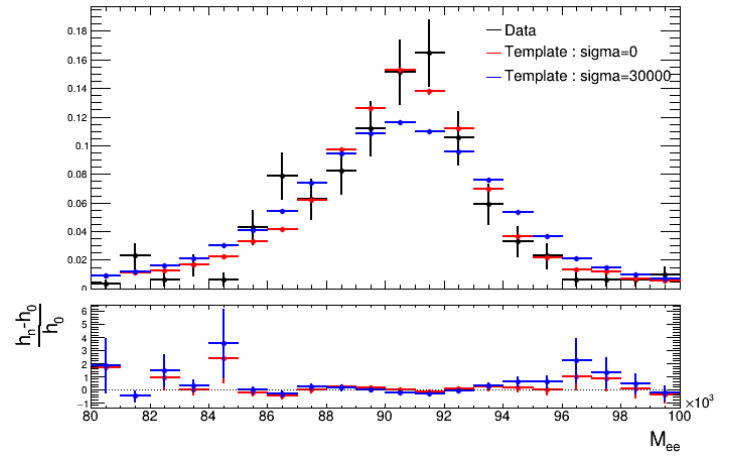
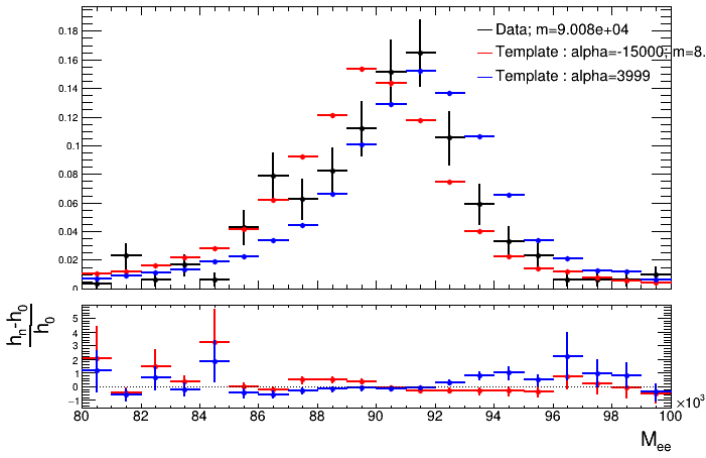
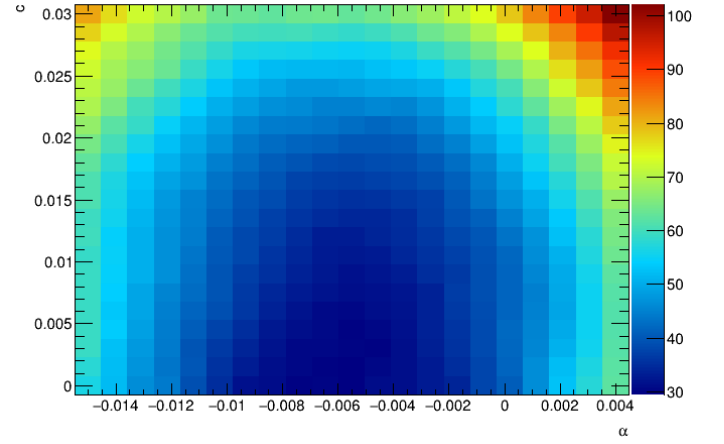
MCEvents : 60126

DataEvents : 327

ThresholdMass : 67.7791

$$\alpha_{ij} = -0.00594488 \pm 0.00171066$$

$$\sigma_{ij} = 1.01223e - 15 \pm 0.00764996$$



103 ChiMatrix_16_10

Results

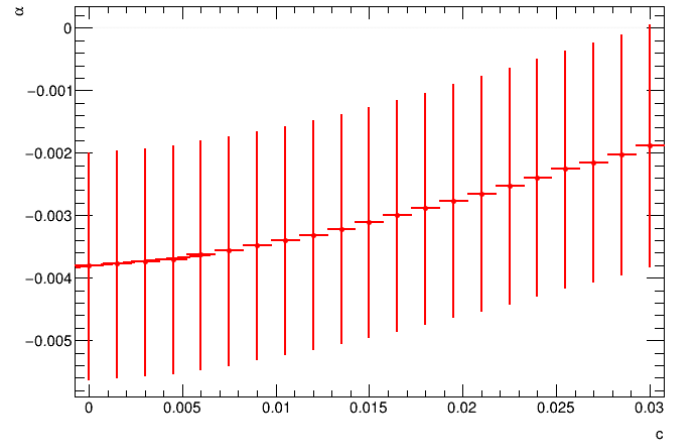
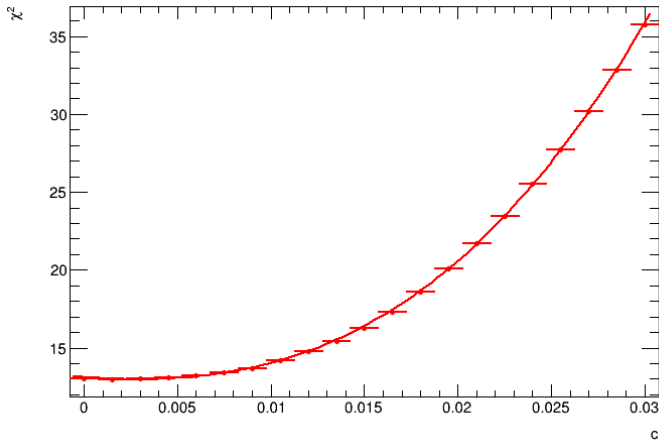
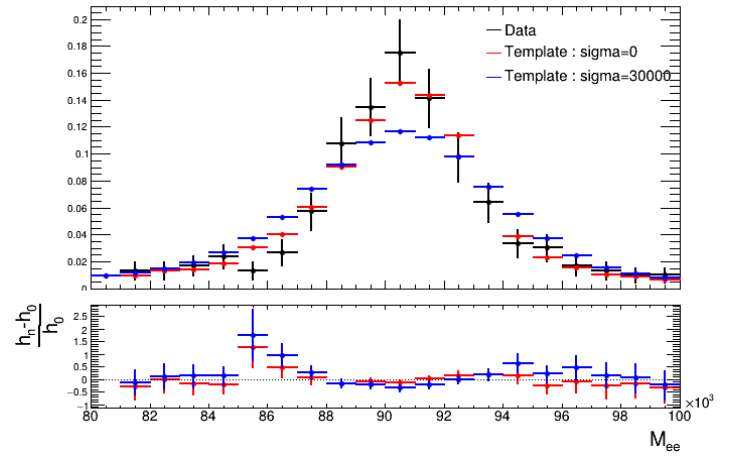
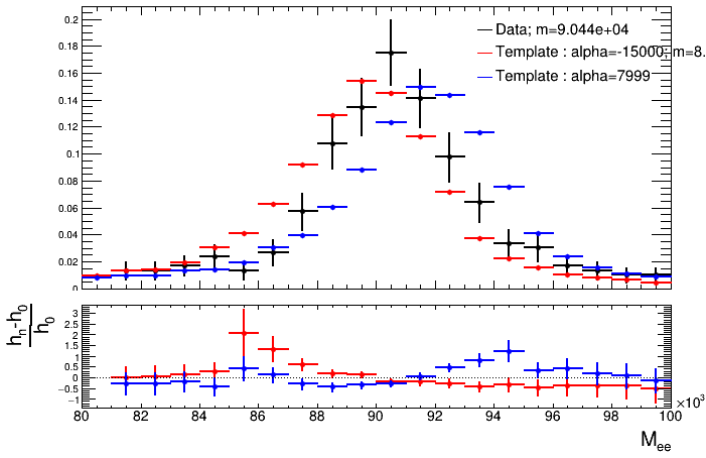
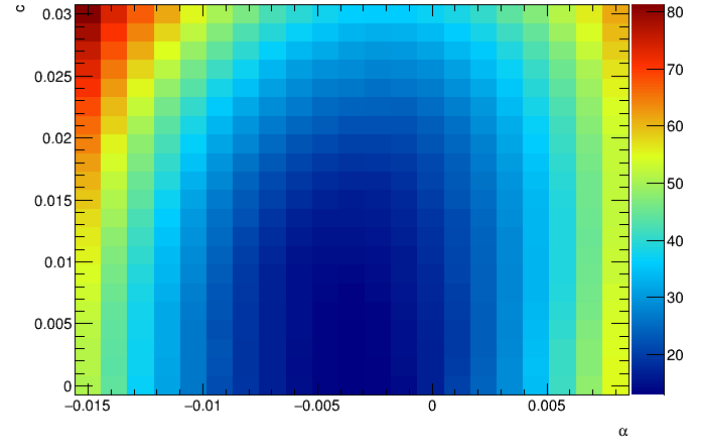
MCEvents : 65406

DataEvents : 321

ThresholdMass : 64.0151

$$\alpha_{ij} = -0.00373189 \pm 0.00181684$$

$$\sigma_{ij} = 0.00297474 \pm 0.00692347$$



Results

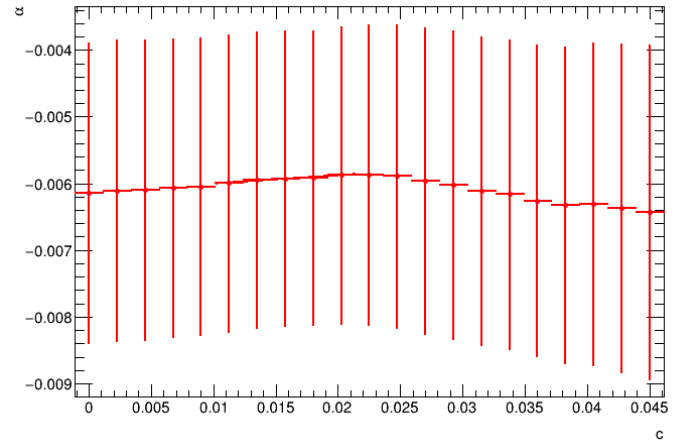
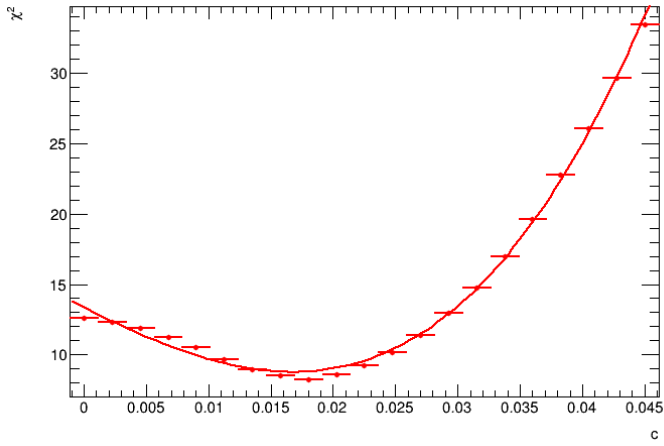
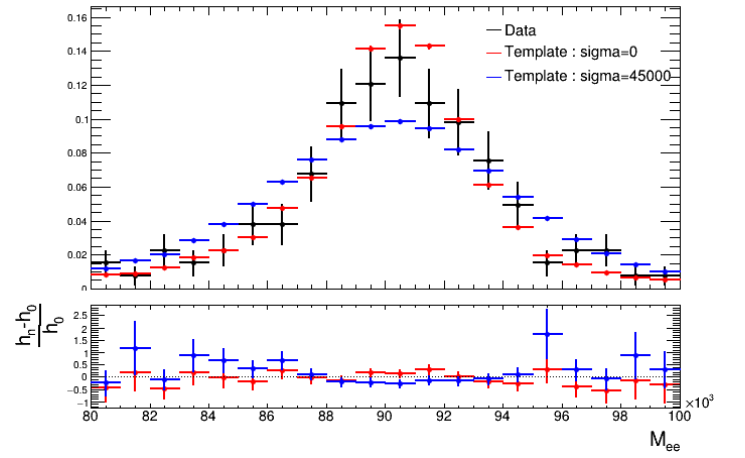
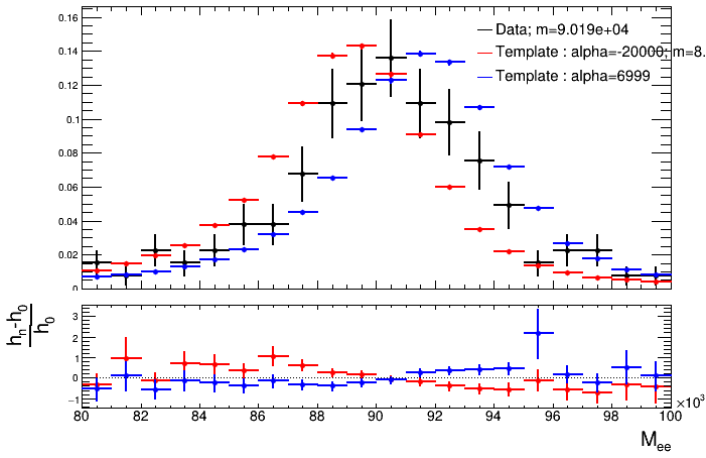
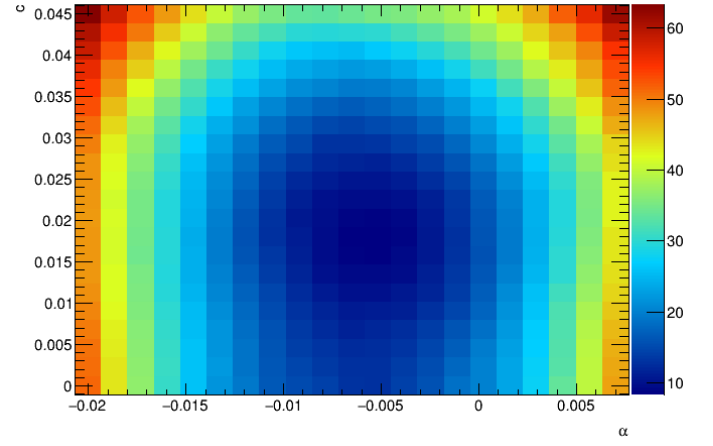
MCEvents : 67320

DataEvents : 295

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00591898 \pm 0.00221543$$

$$\sigma_{ij} = 0.0167748 \pm 0.00642393$$



Results

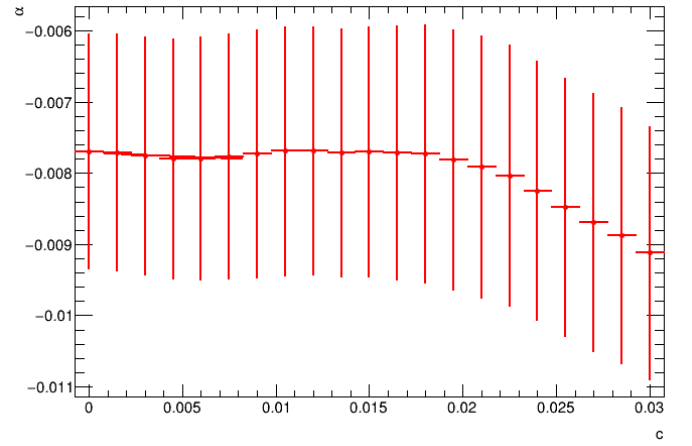
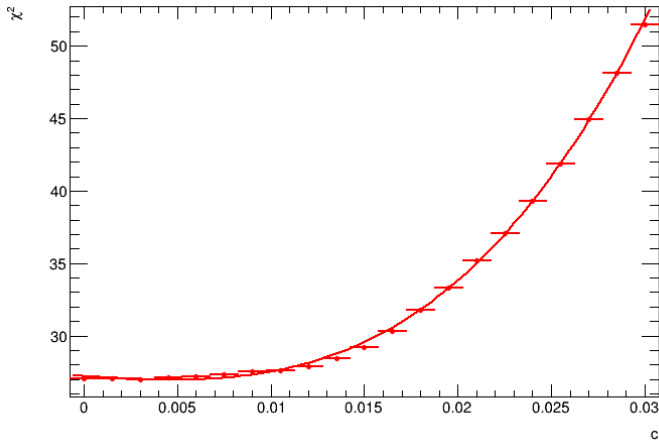
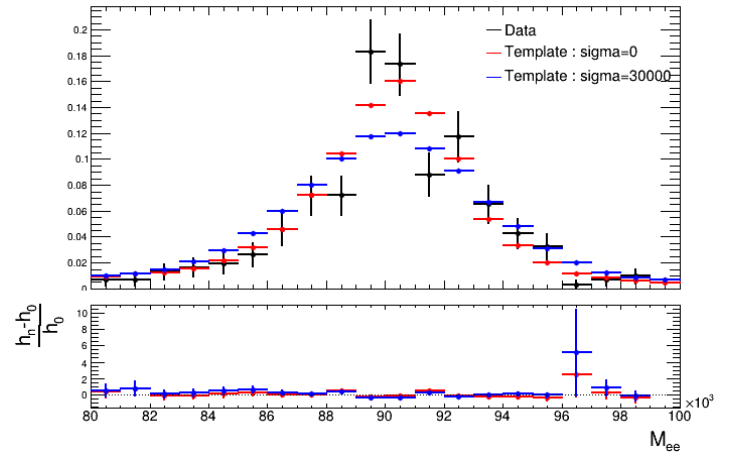
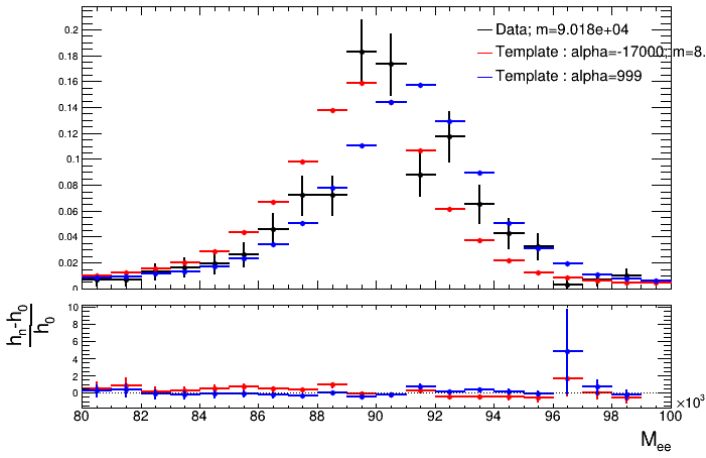
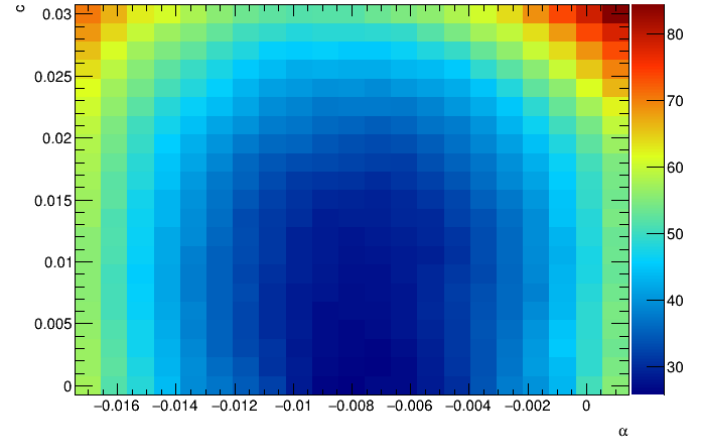
MCEvents : 70176

DataEvents : 342

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00776645 \pm 0.00168562$$

$$\sigma_{ij} = 0.0047858 \pm 0.00682701$$



Results

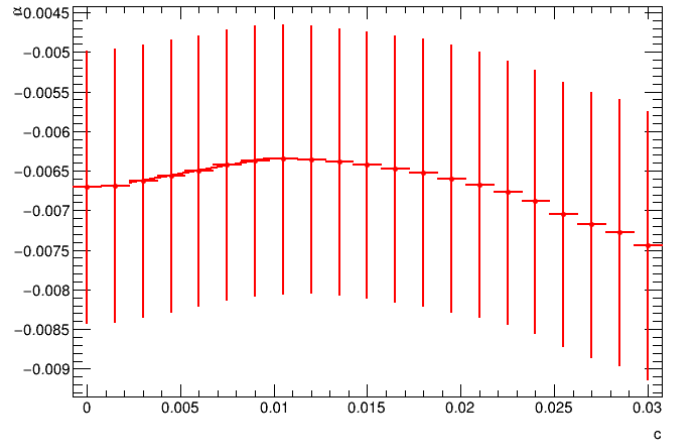
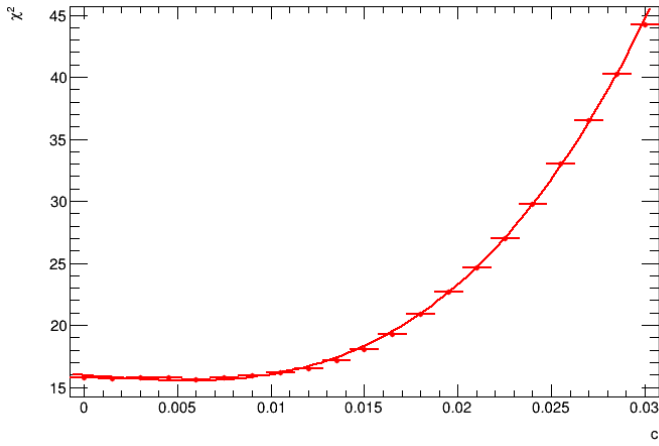
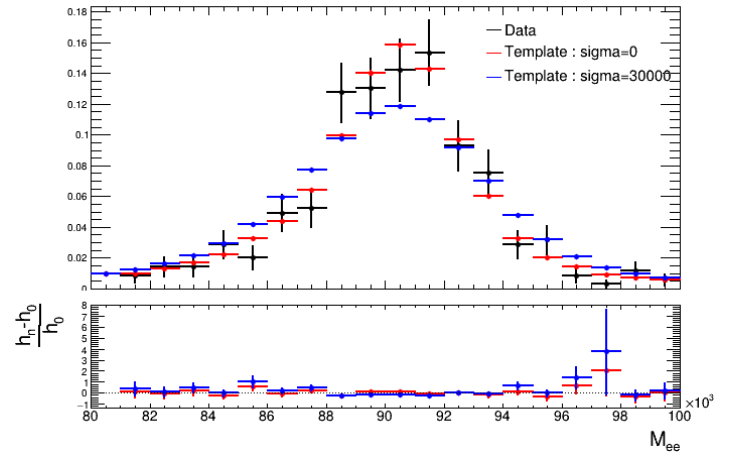
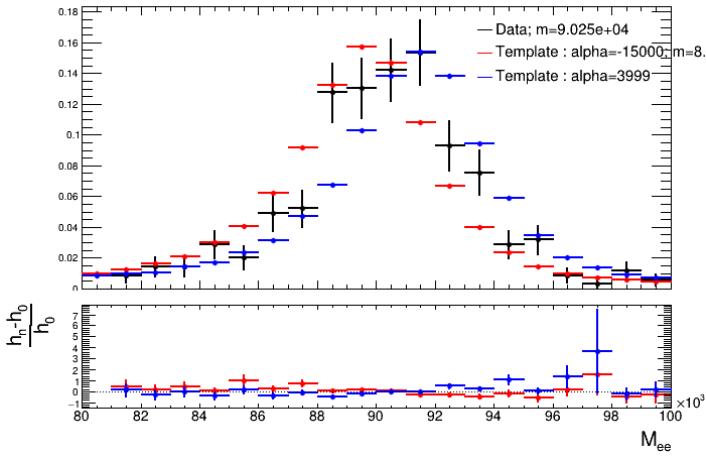
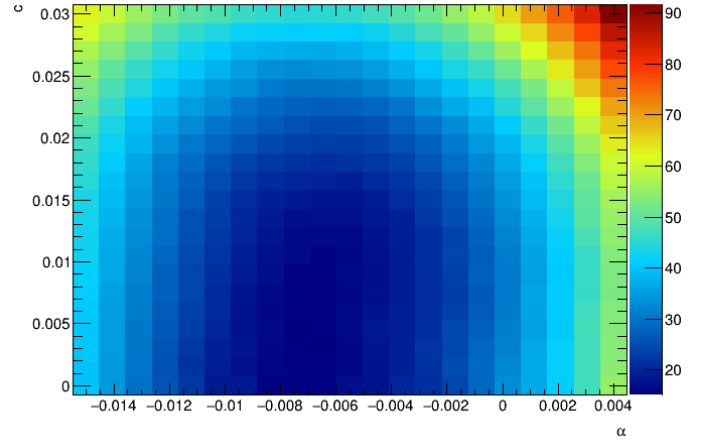
MCEvents : 74196

DataEvents : 377

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.00651207 \pm 0.00170938$$

$$\sigma_{ij} = 0.00562326 \pm 0.0060087$$



Results

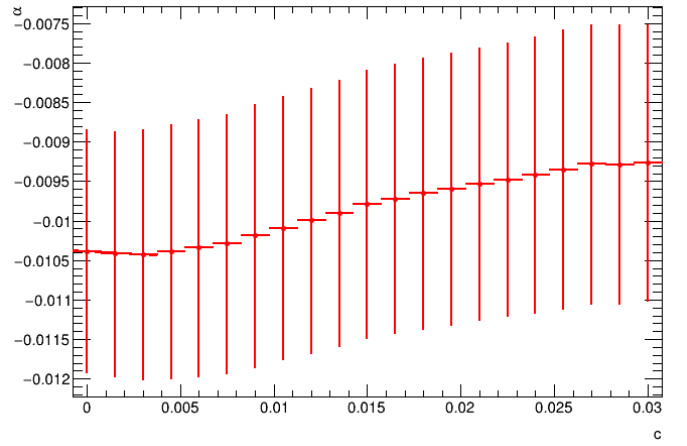
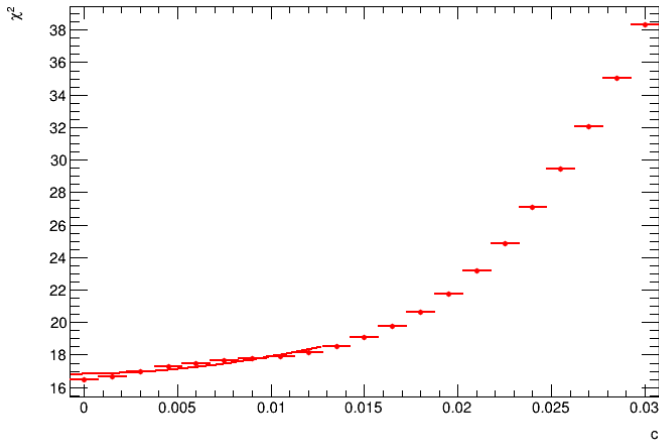
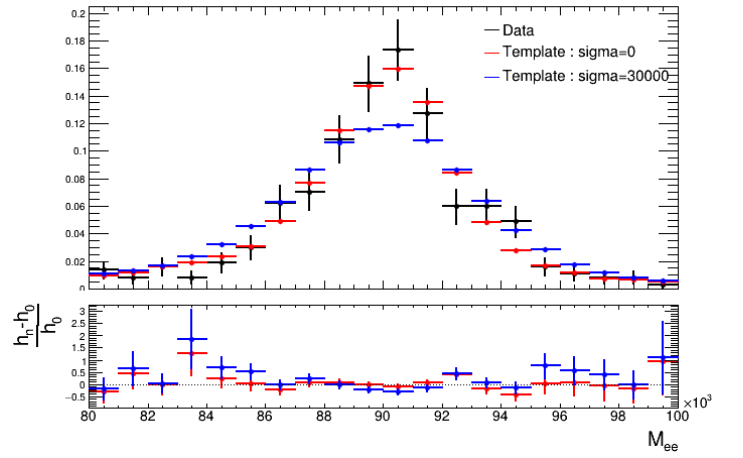
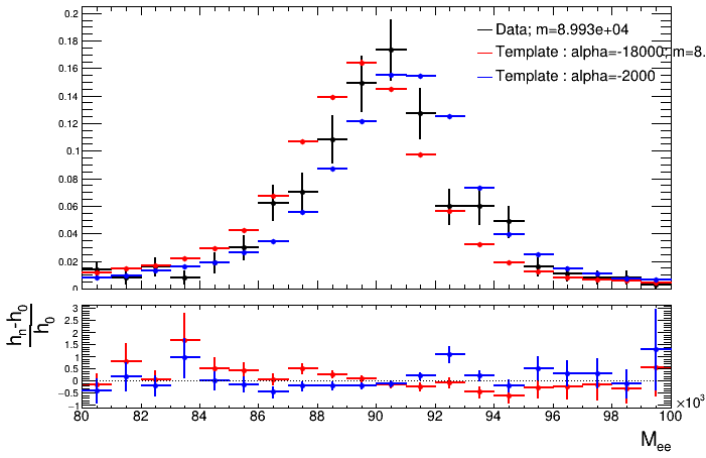
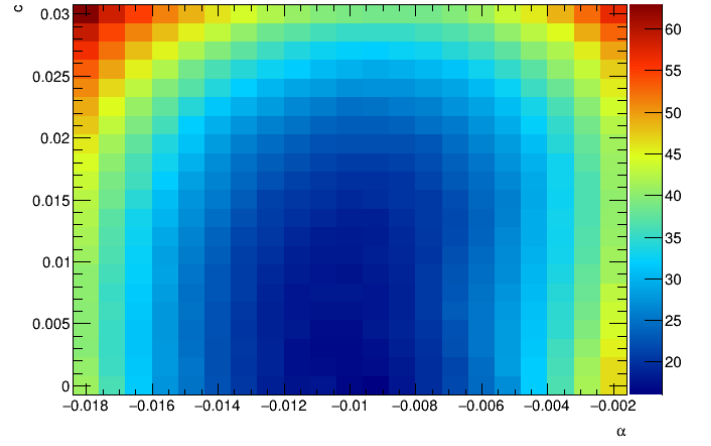
MCEvents : 75942

DataEvents : 395

ThresholdMass : 55.0836

$$\alpha_{ij} = -0.010395 \pm 0.00153603$$

$$\sigma_{ij} = 0 \pm 0.0103744$$



Results

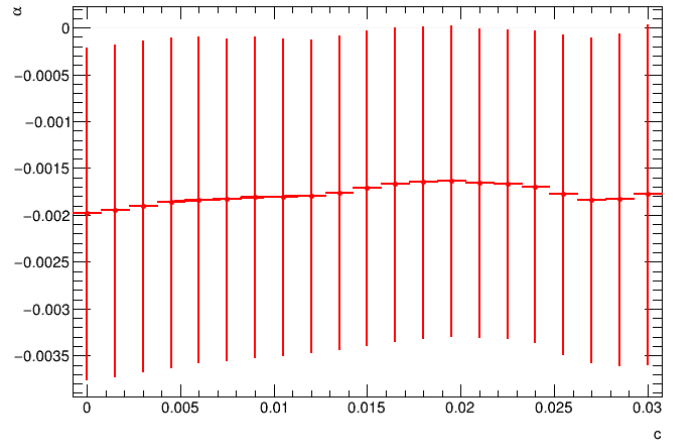
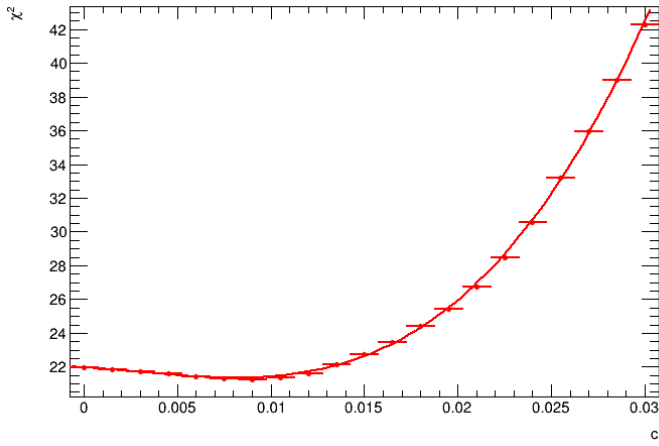
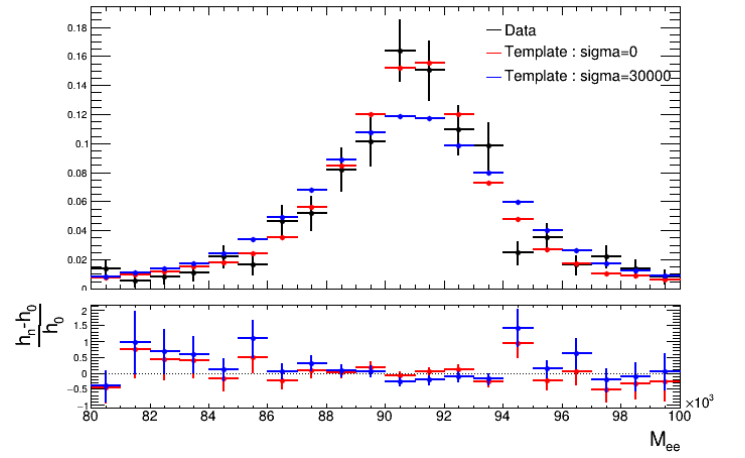
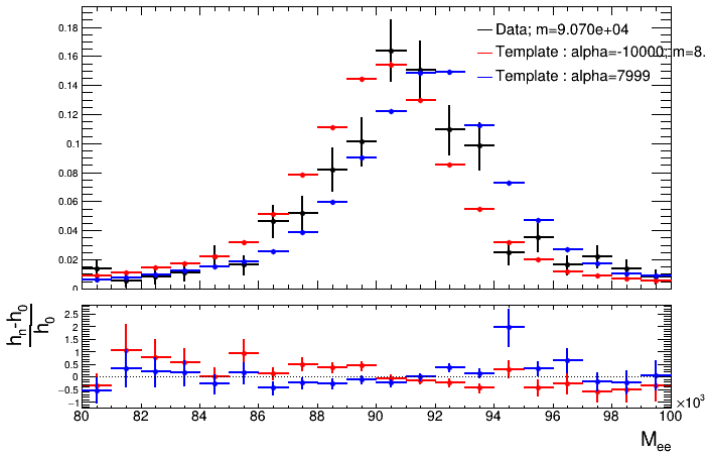
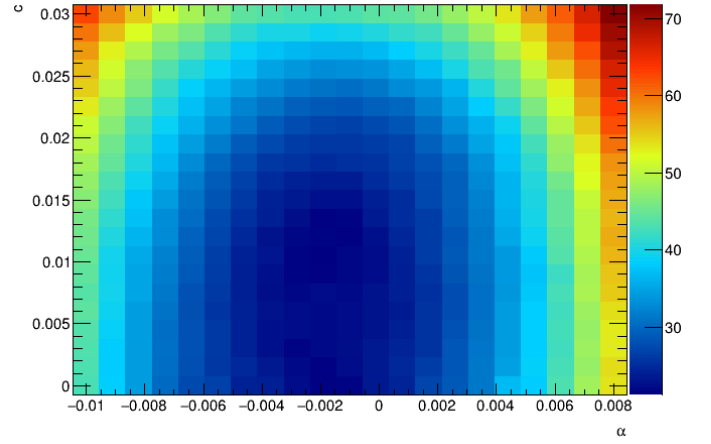
MCEvents : 74268

DataEvents : 412

ThresholdMass : 54.2702

$$\alpha_{ij} = -0.00182449 \pm 0.00171807$$

$$\sigma_{ij} = 0.00813267 \pm 0.00621203$$



Results

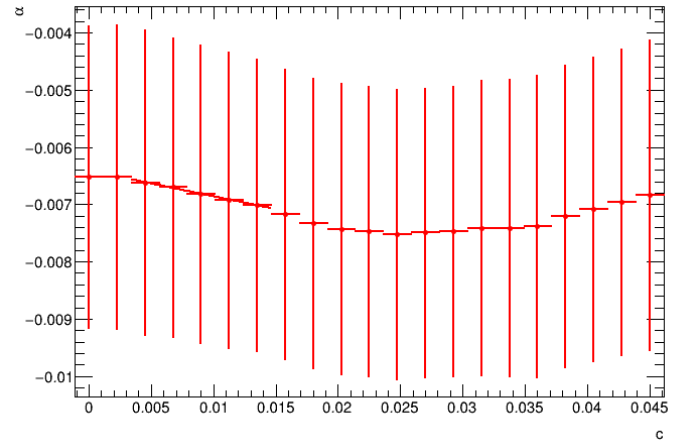
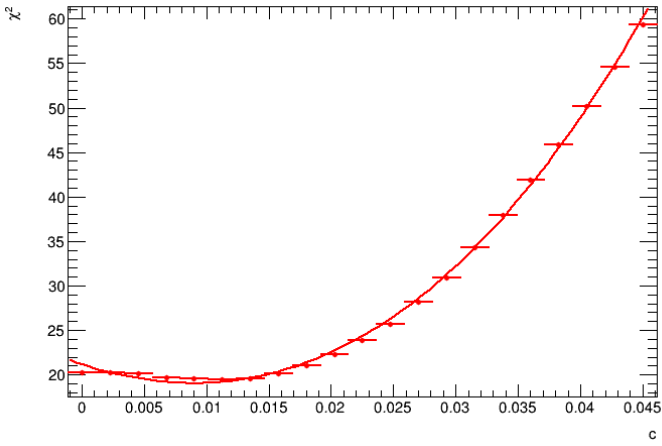
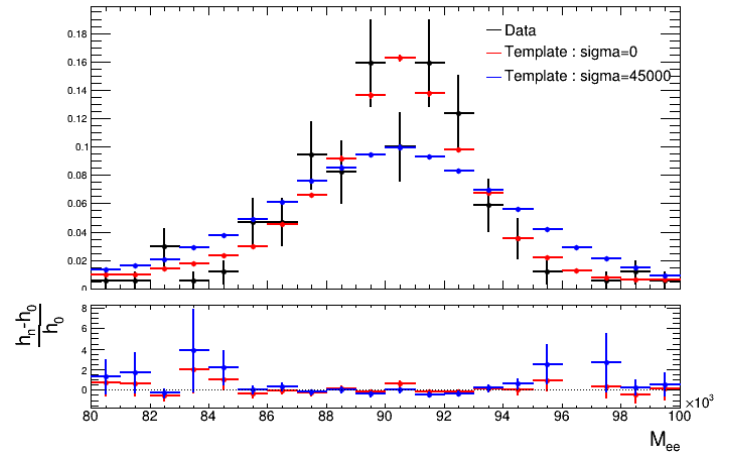
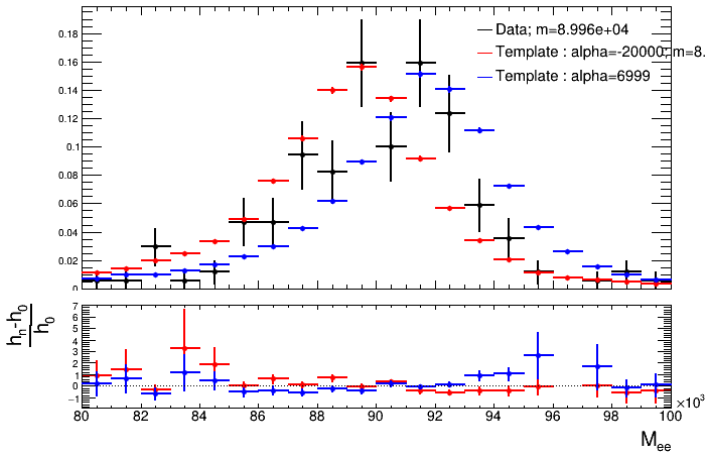
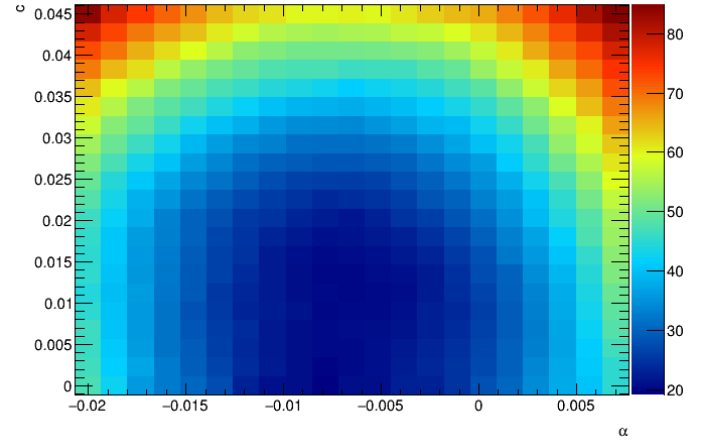
MCEvents : 36474

DataEvents : 194

ThresholdMass : 54

$$\alpha_{ij} = -0.00681458 \pm 0.00260615$$

$$\sigma_{ij} = 0.00900038 \pm 0.00601372$$



Results

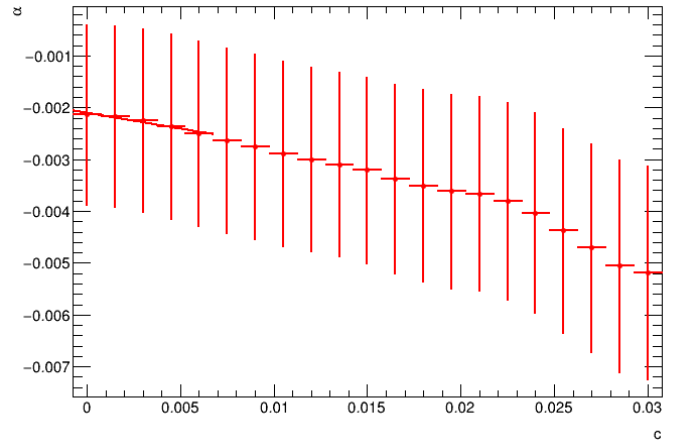
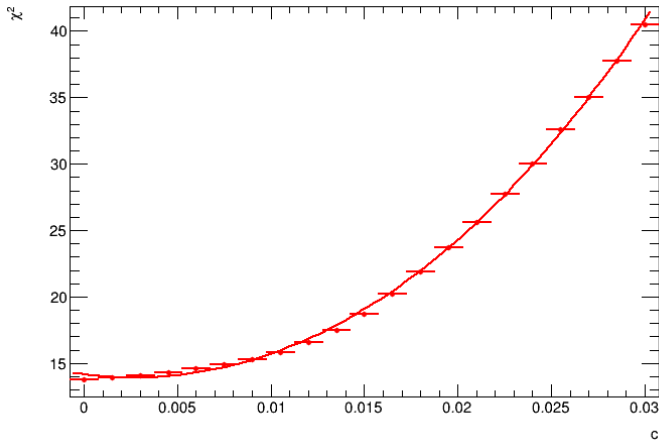
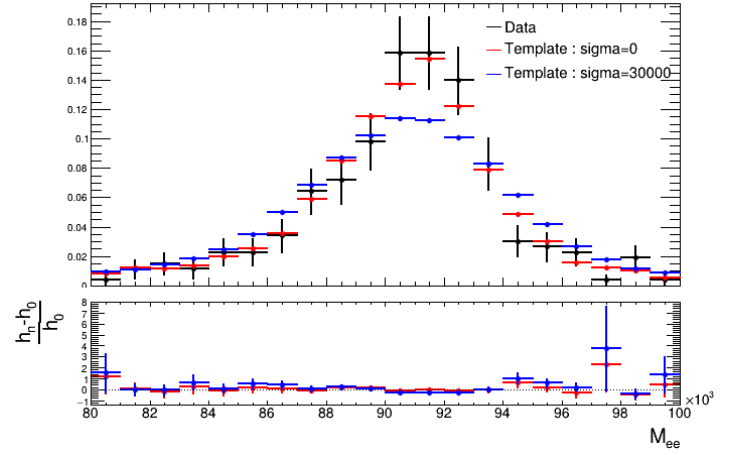
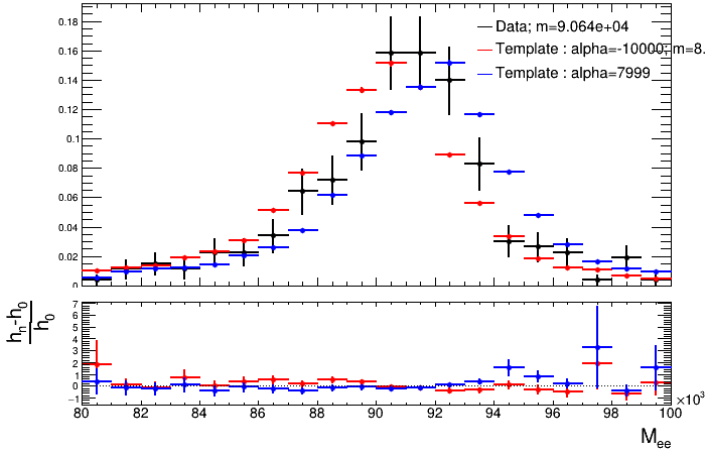
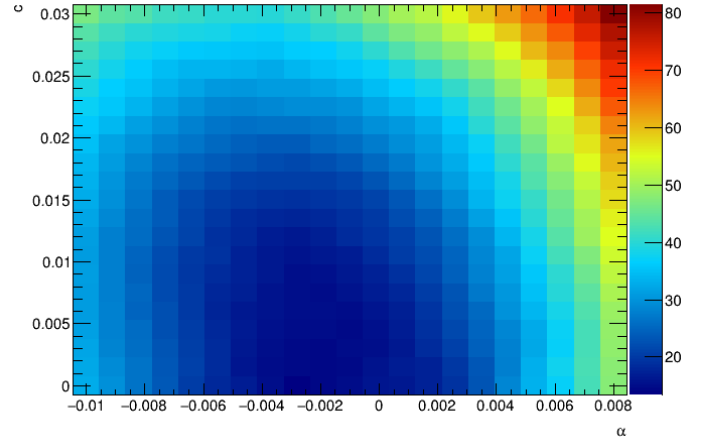
MCEvents : 59520

DataEvents : 295

ThresholdMass : 67.7791

$$\alpha_{ij} = -0.00226871 \pm 0.00177006$$

$$\sigma_{ij} = 0.00268976 \pm 0.0055319$$



111 ChiMatrix_17_11

Results

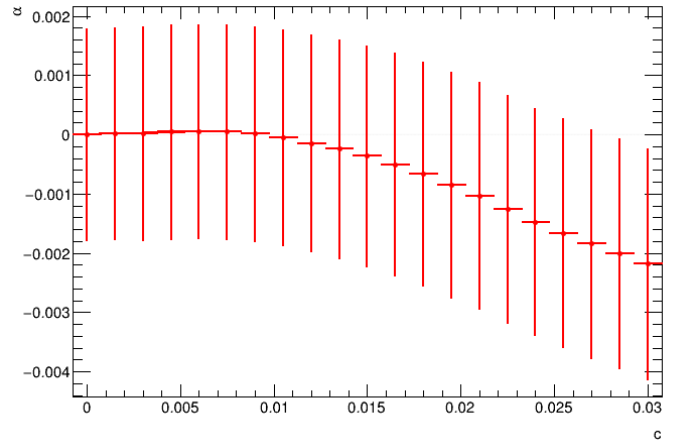
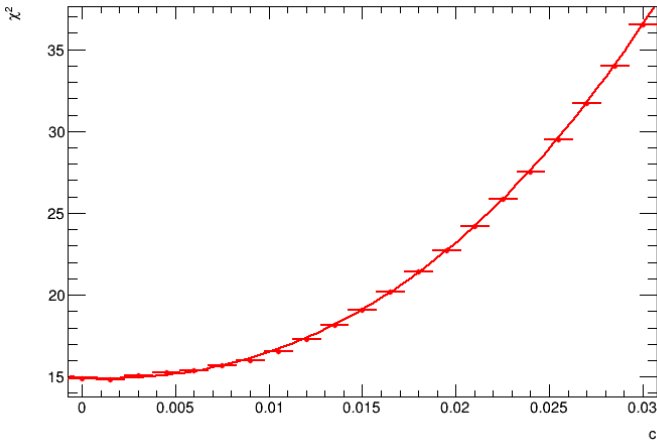
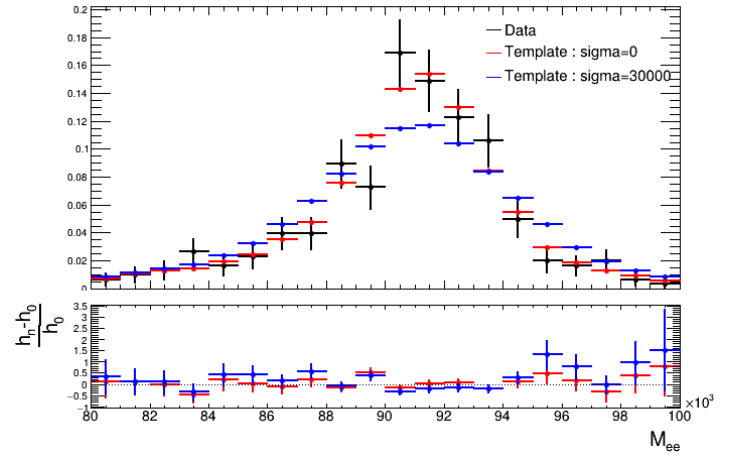
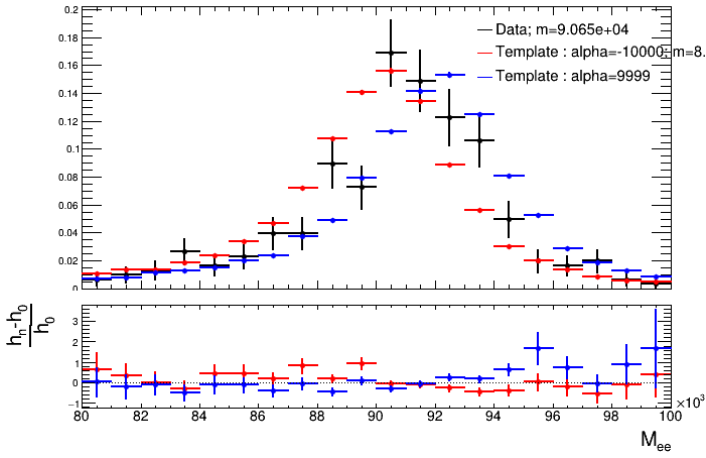
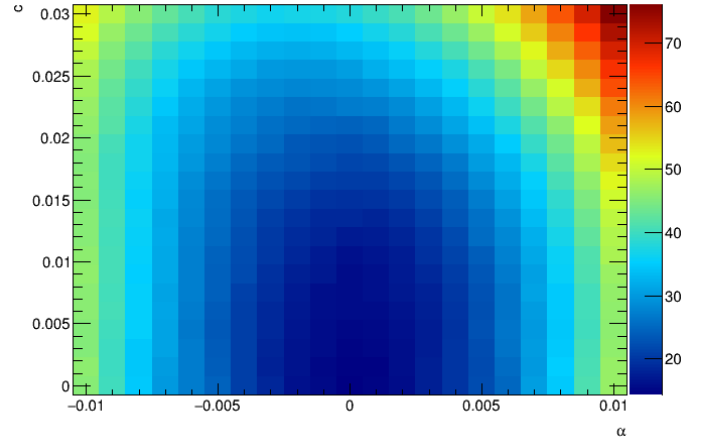
MCEvents : 63792

DataEvents : 318

ThresholdMass : 64.0151

$$\alpha_{ij} = 1.75556e - 05 \pm 0.00178395$$

$$\sigma_{ij} = 0.00146207 \pm 0.00688223$$



112 ChiMatrix_17_12

Results

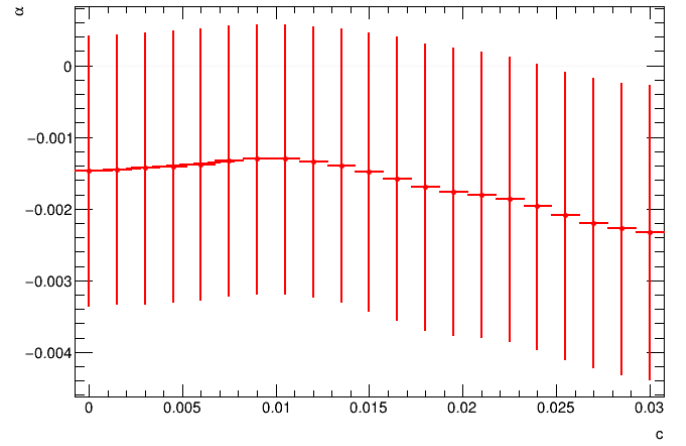
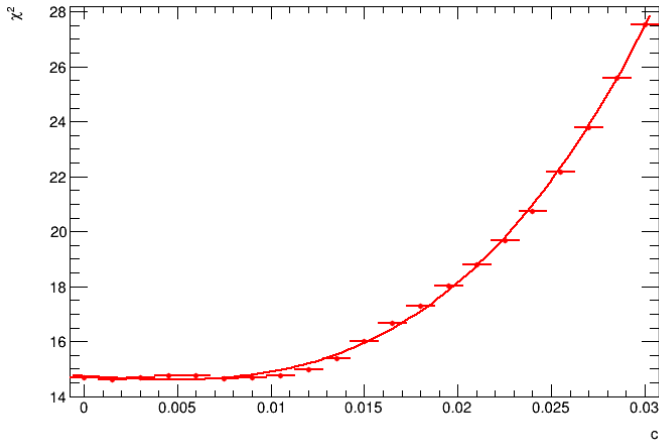
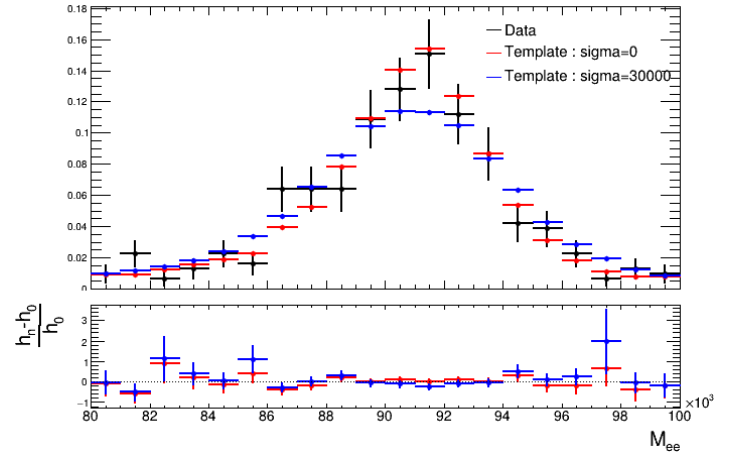
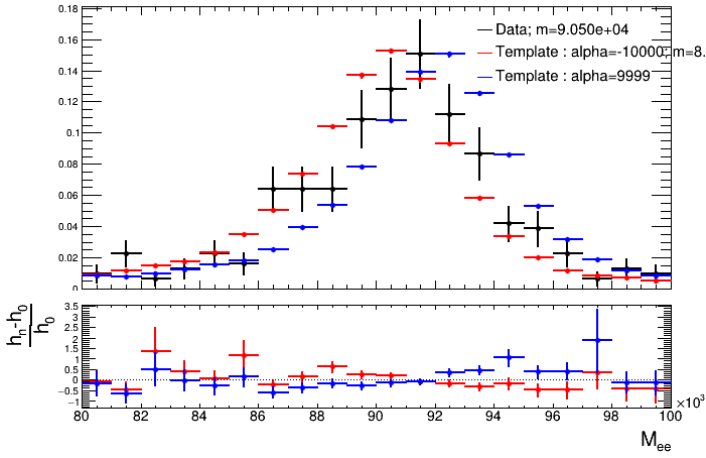
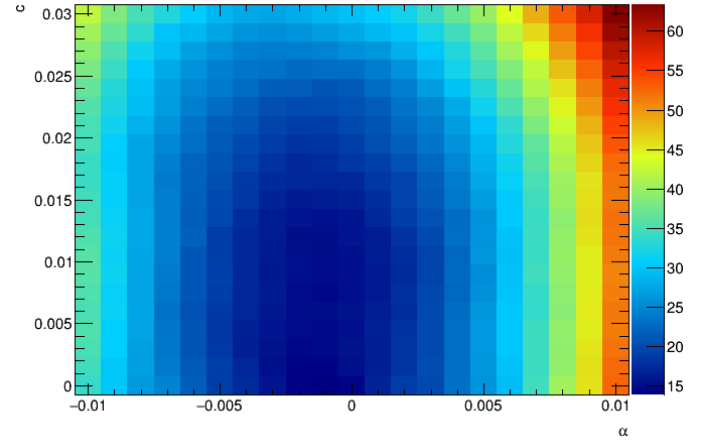
MCEvents : 67692

DataEvents : 340

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00139324 \pm 0.00189145$$

$$\sigma_{ij} = 0.00480773 \pm 0.00907599$$



113 ChiMatrix_17_13

Results

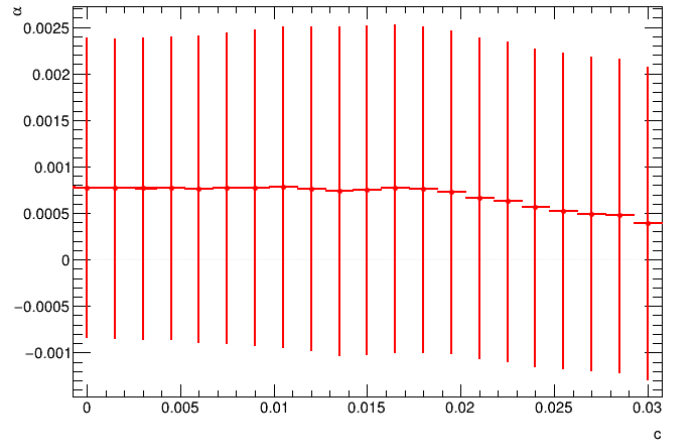
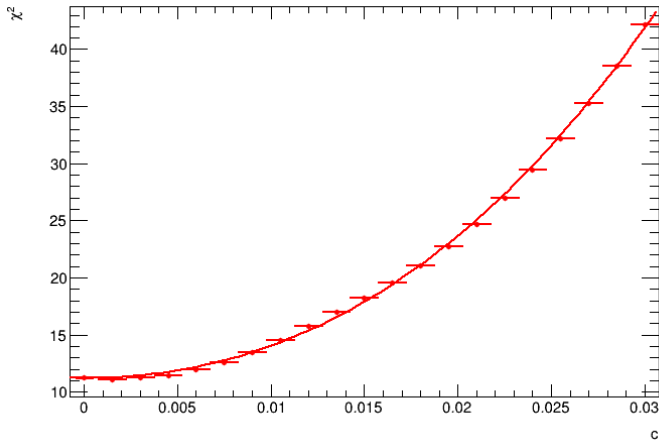
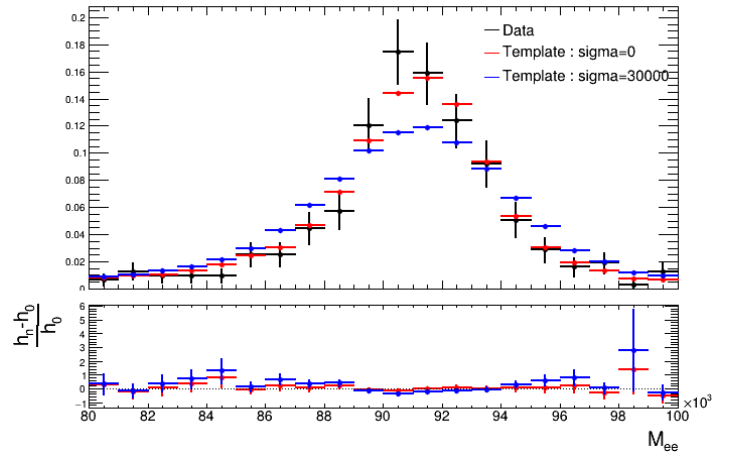
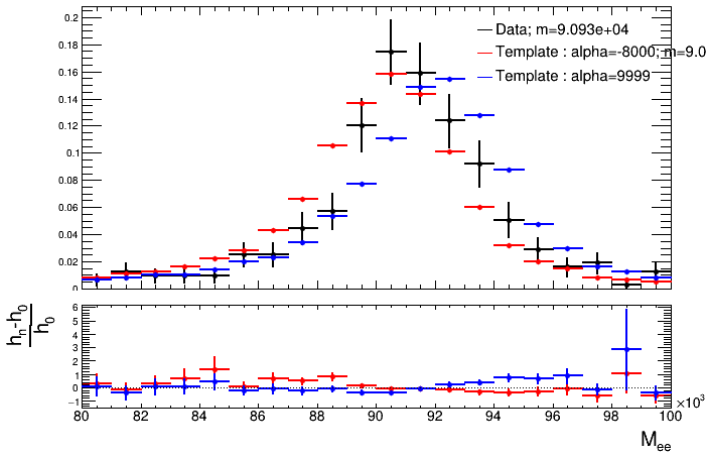
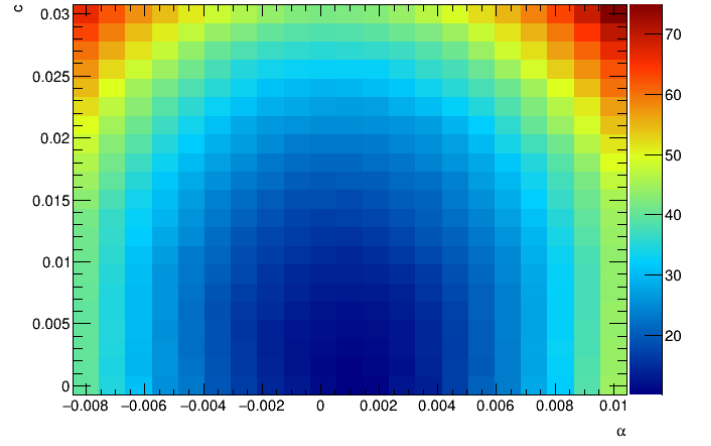
MCEvents : 71646

DataEvents : 344

ThresholdMass : 58.3779

$$\alpha_{ij} = 0.000774357 \pm 0.0016092$$

$$\sigma_{ij} = 1.30643e - 13 \pm 0.00610721$$



Results

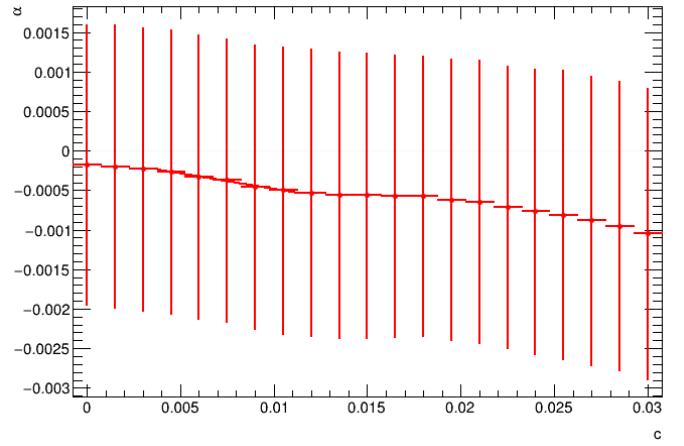
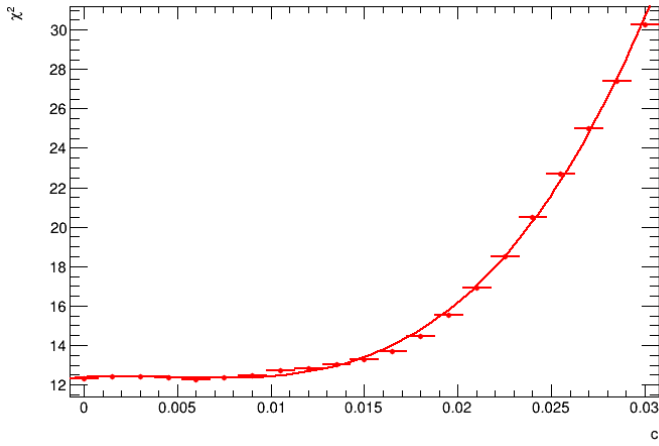
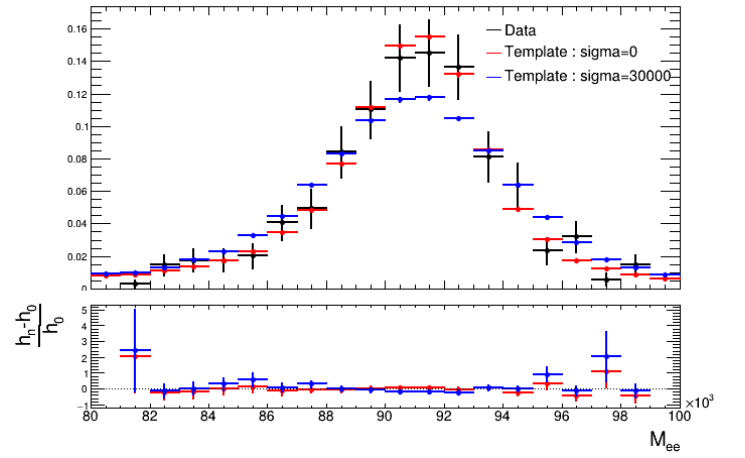
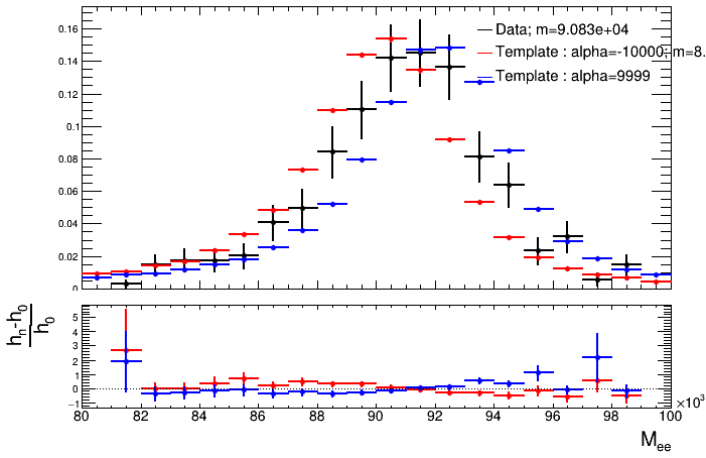
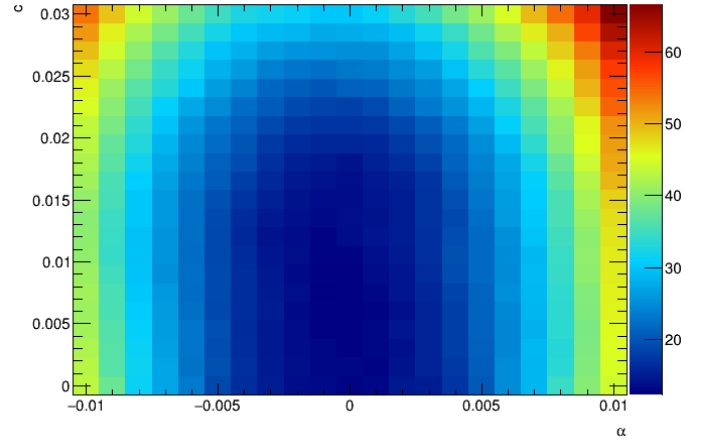
MCEvents : 74178

DataEvents : 396

ThresholdMass : 56.4483

$$\alpha_{ij} = -0.000382354 \pm 0.00179399$$

$$\sigma_{ij} = 0.00743436 \pm 0.00743983$$



115 ChiMatrix_17_15

Results

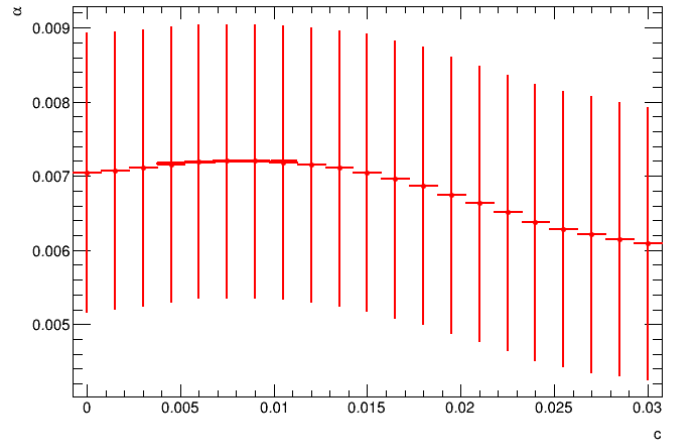
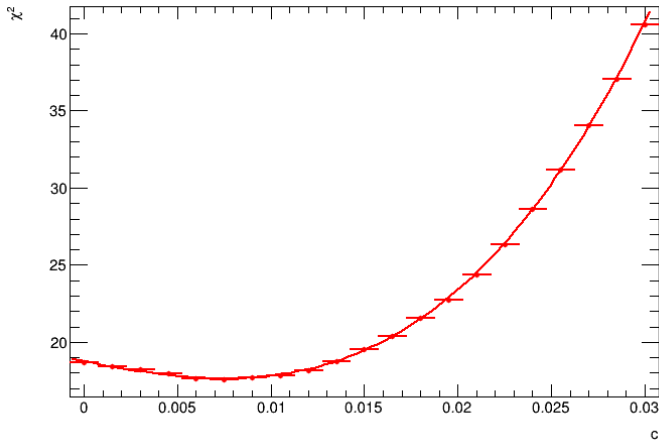
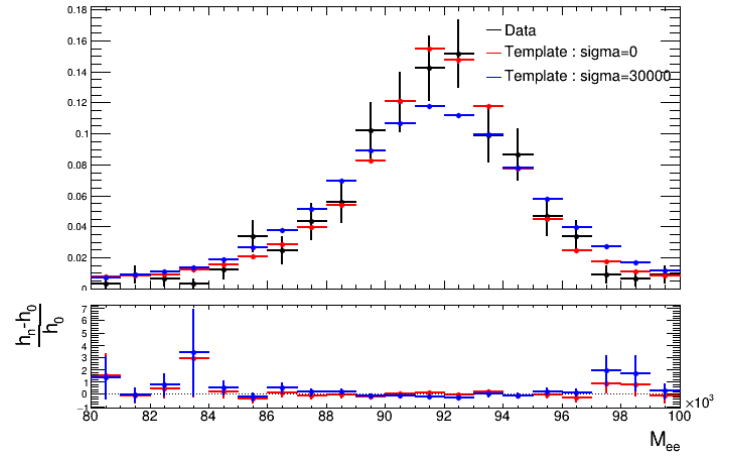
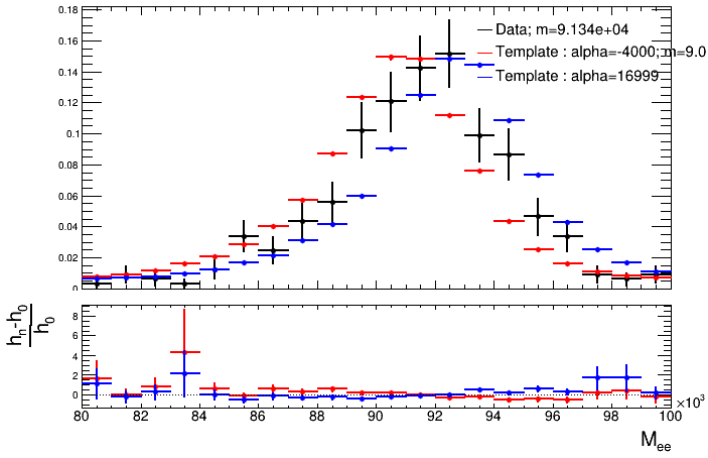
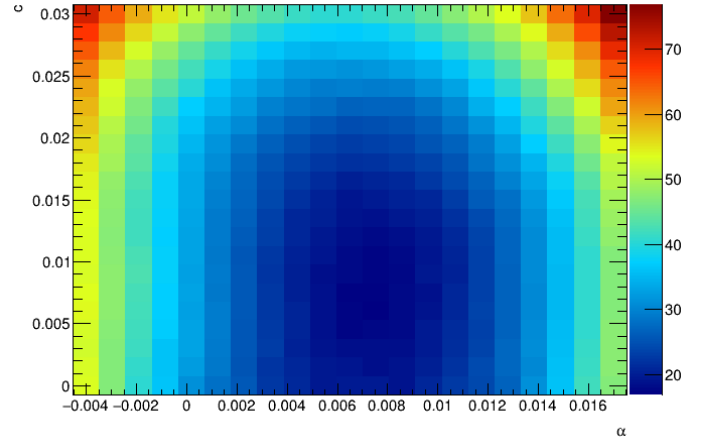
MCEvents : 74352

DataEvents : 369

ThresholdMass : 55.0836

$$\alpha_{ij} = 0.00718907 \pm 0.00183787$$

$$\sigma_{ij} = 0.00756399 \pm 0.00567763$$



Results

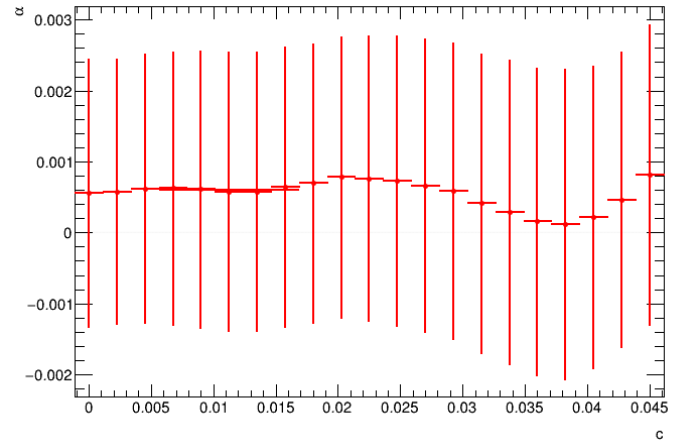
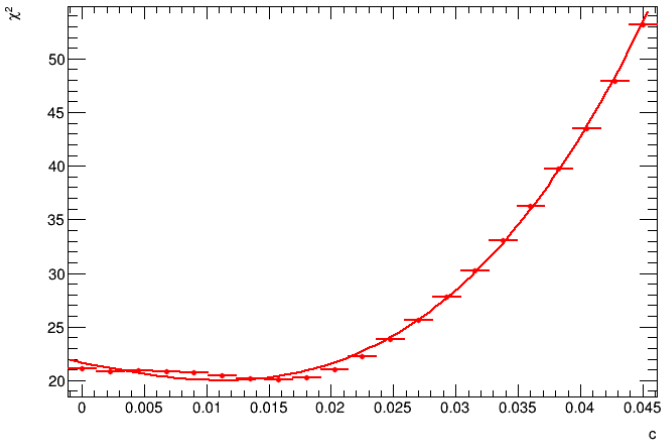
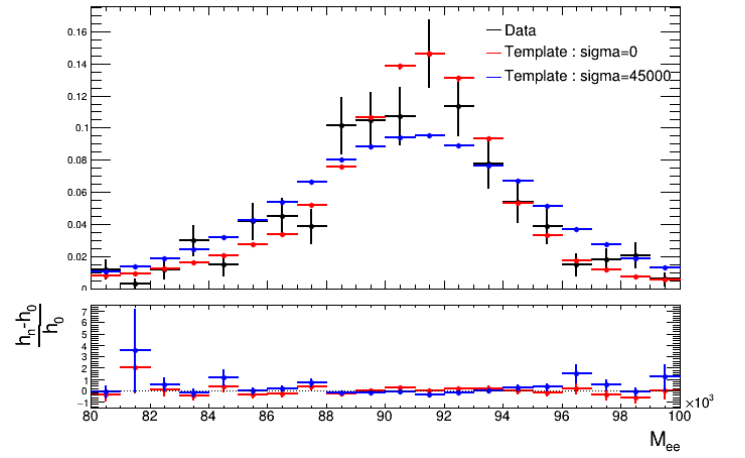
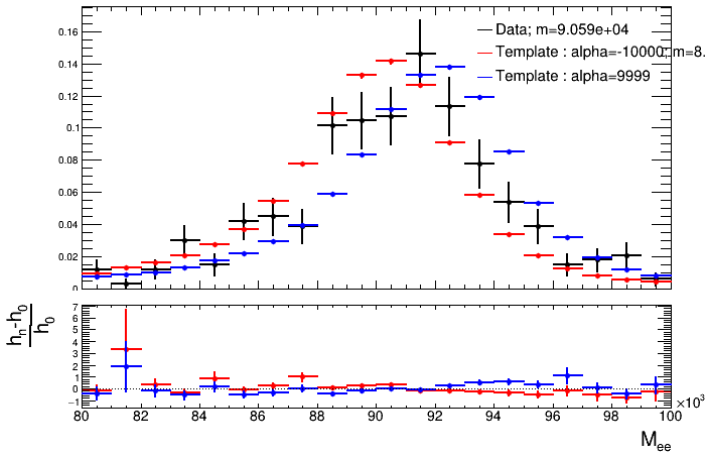
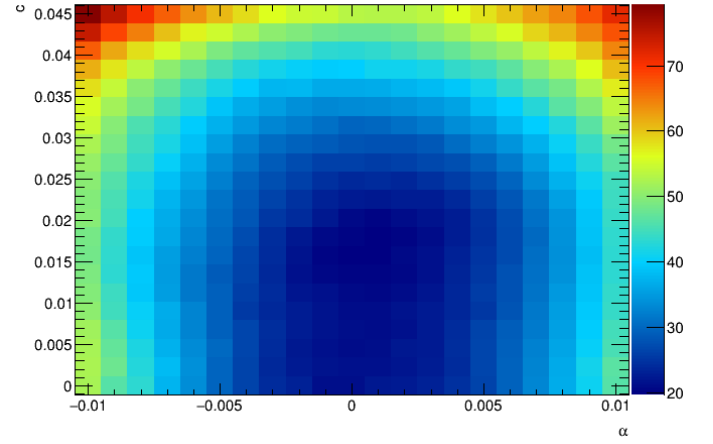
MCEvents : 72930

DataEvents : 388

ThresholdMass : 54.2702

$$\alpha_{ij} = 0.000605802 \pm 0.00196449$$

$$\sigma_{ij} = 0.0112828 \pm 0.00714112$$



117 ChiMatrix_17_17

Results

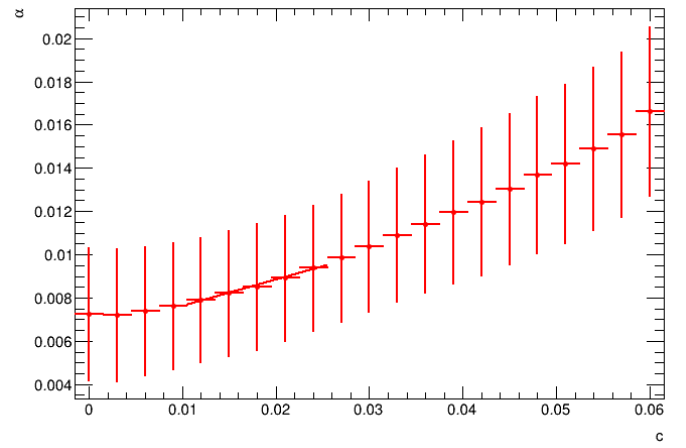
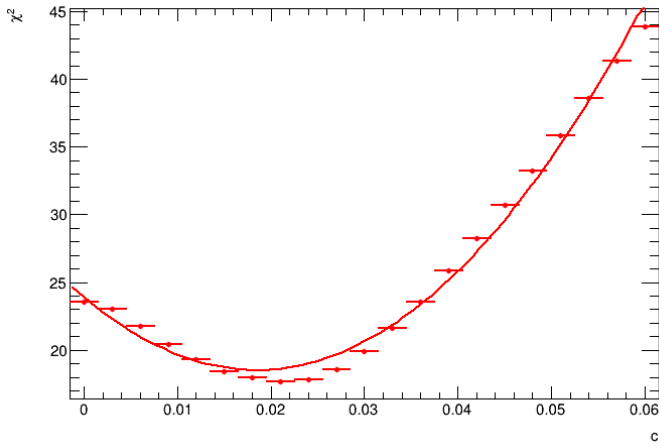
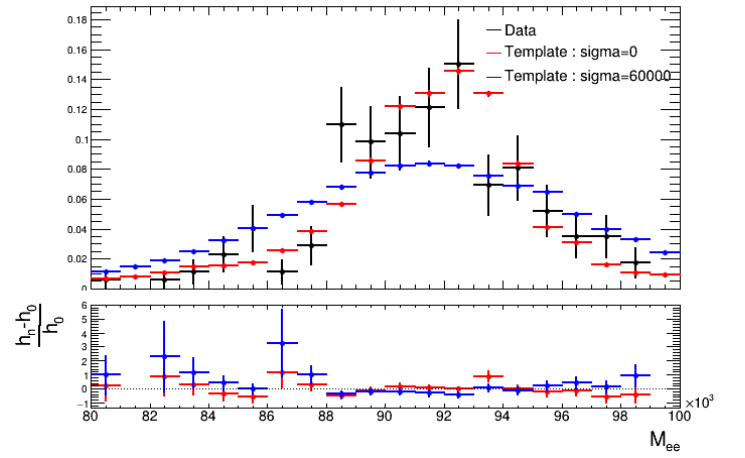
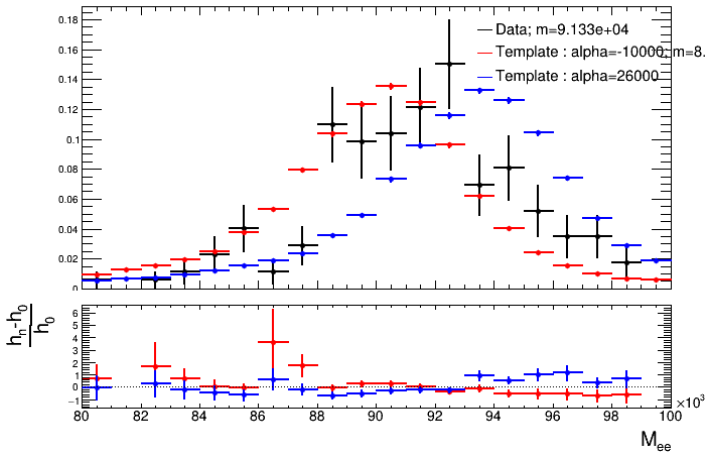
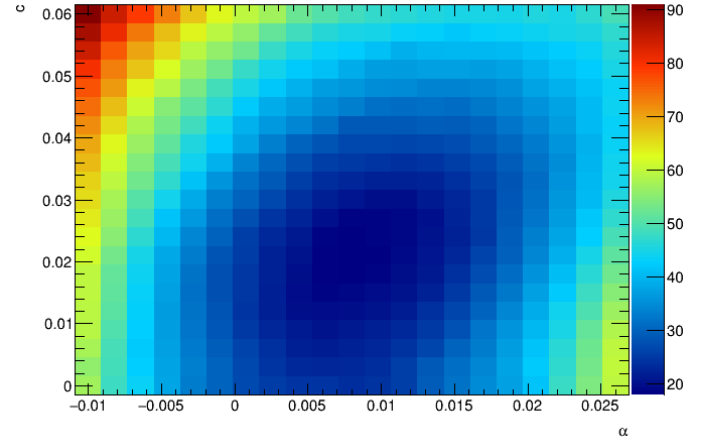
MCEvents : 36666

DataEvents : 193

ThresholdMass : 54

$$\alpha_{ij} = 0.0086507 \pm 0.00291902$$

$$\sigma_{ij} = 0.0185215 \pm 0.00796928$$



Results

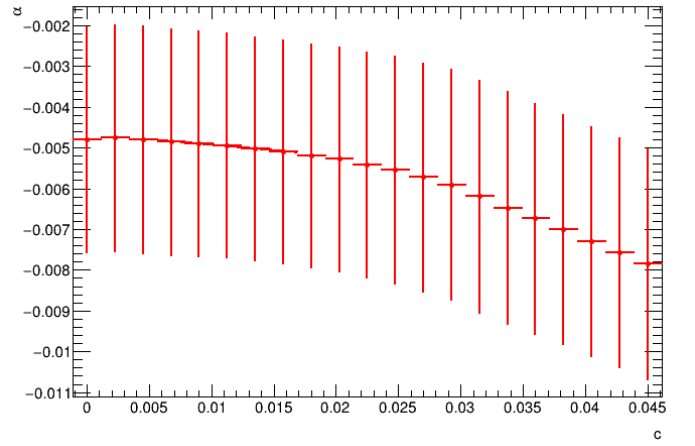
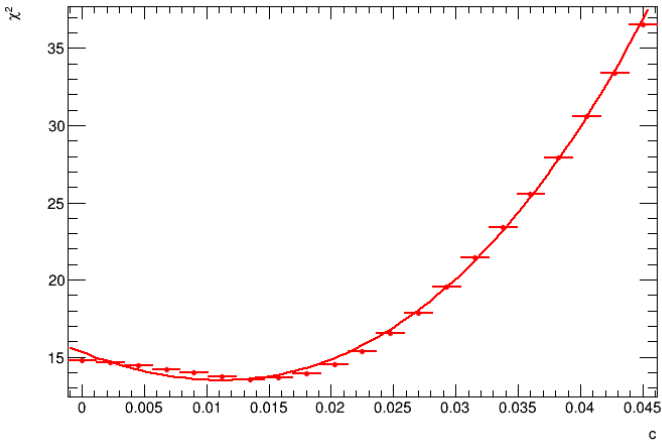
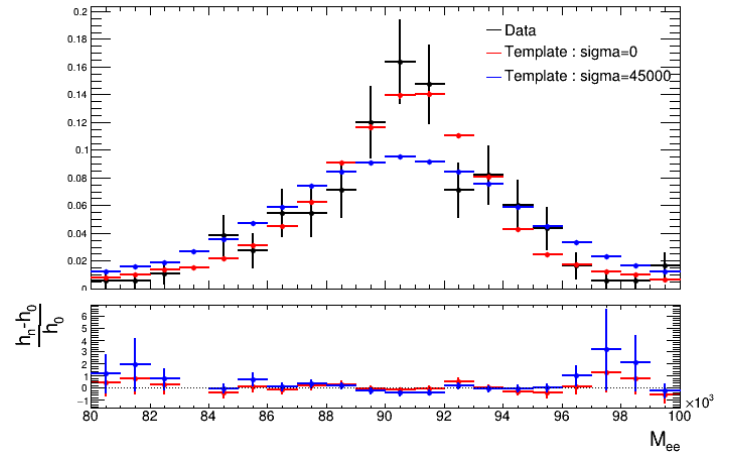
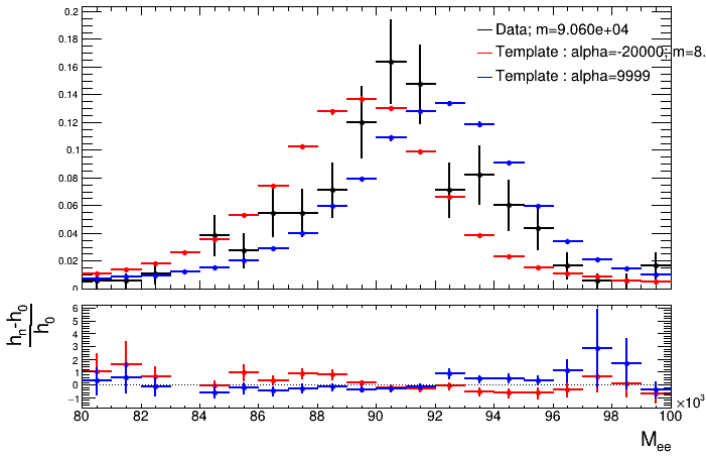
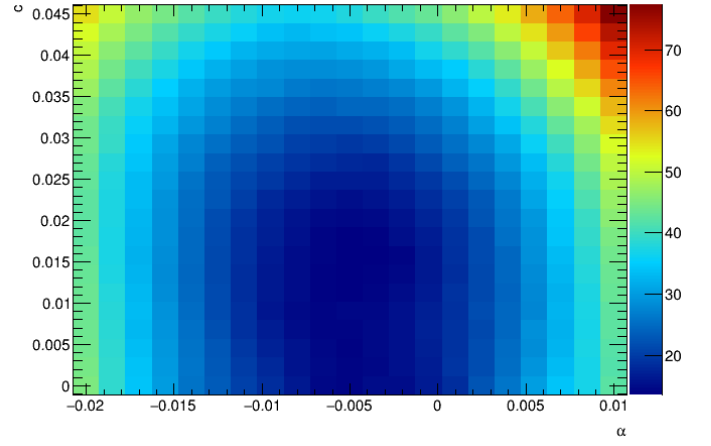
MCEvents : 46134

DataEvents : 197

ThresholdMass : 67.4738

$$\alpha_{ij} = -0.00496071 \pm 0.00275798$$

$$\sigma_{ij} = 0.0111947 \pm 0.00767939$$



Results

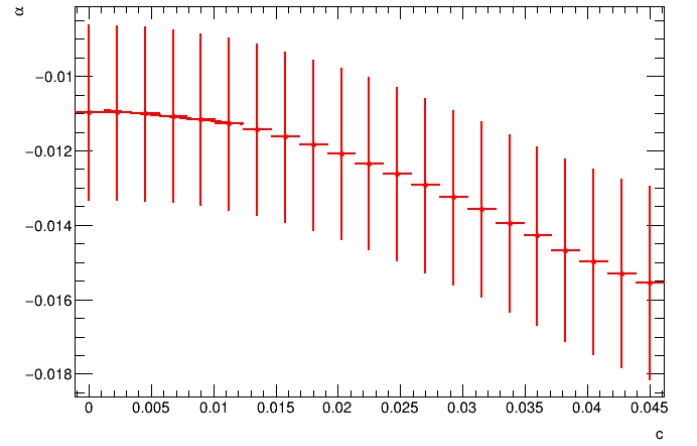
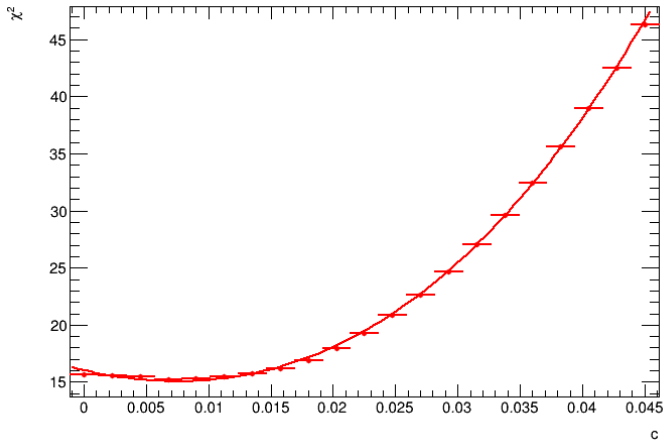
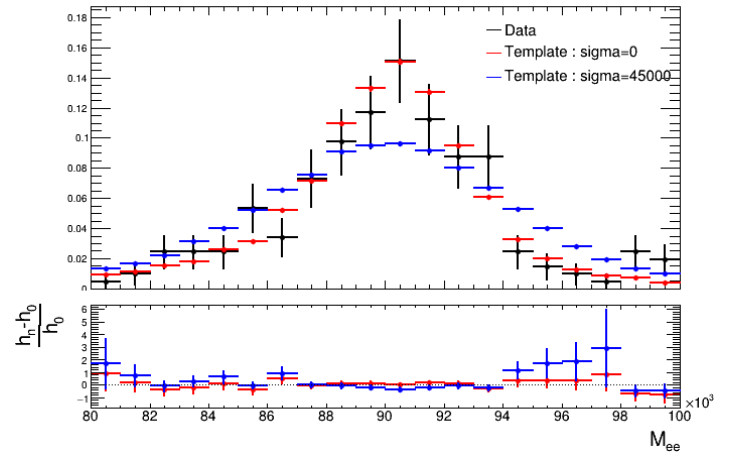
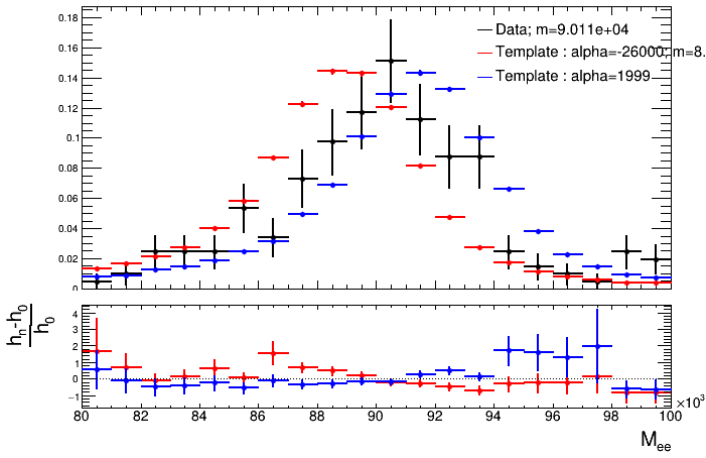
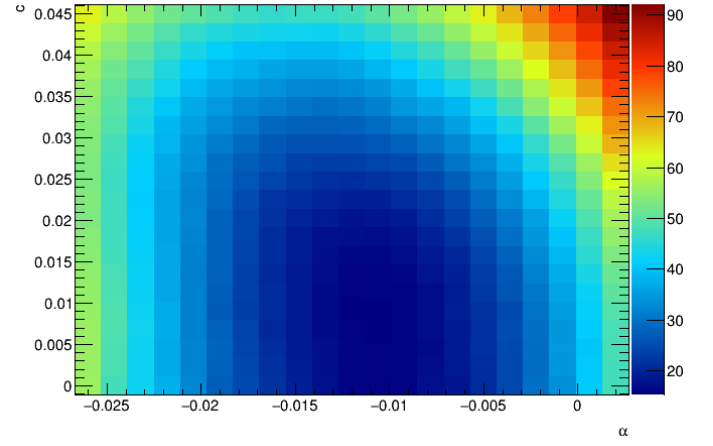
MCEvents : 51828

DataEvents : 230

ThresholdMass : 63.7591

$$\alpha_{ij} = -0.0111273 \pm 0.0023217$$

$$\sigma_{ij} = 0.00757436 \pm 0.00731766$$



Results

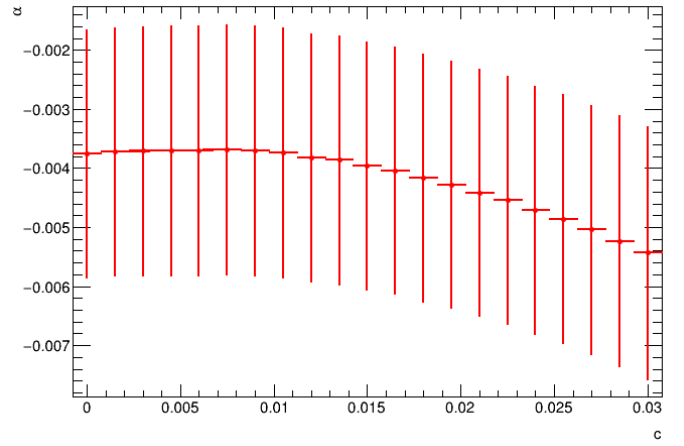
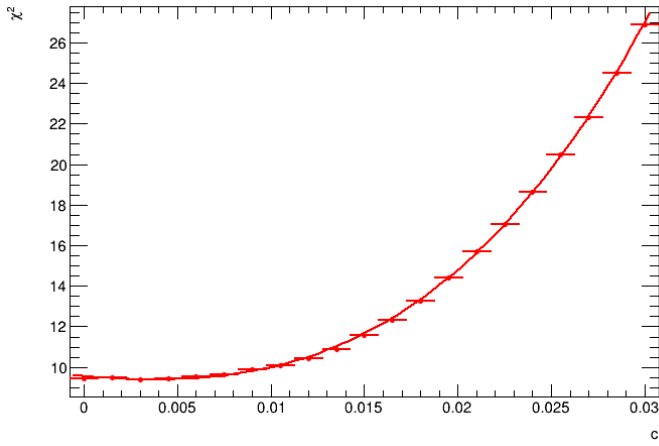
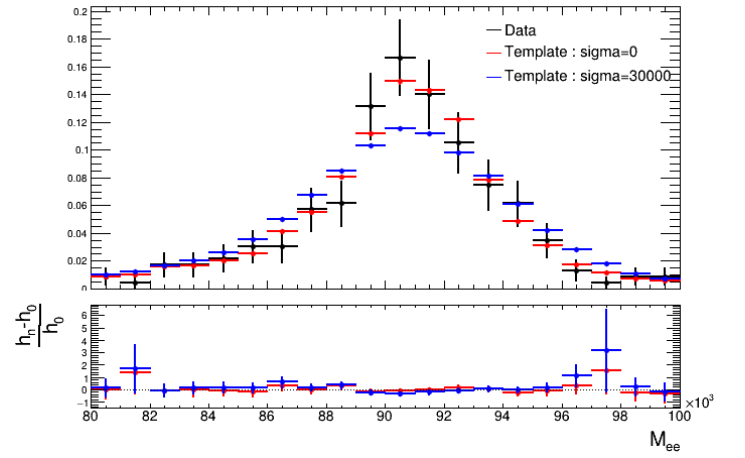
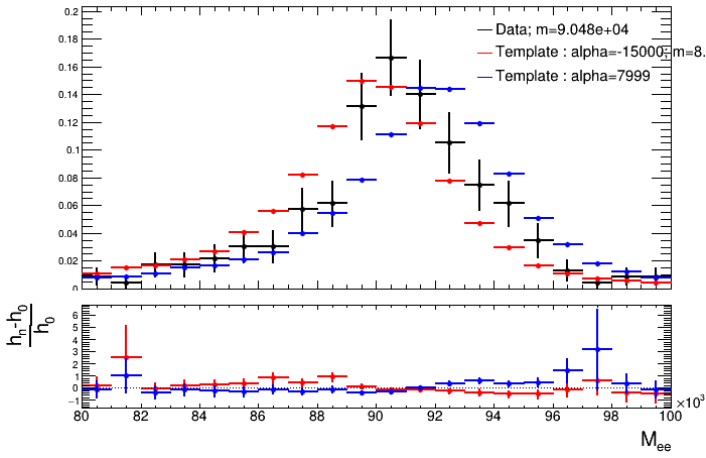
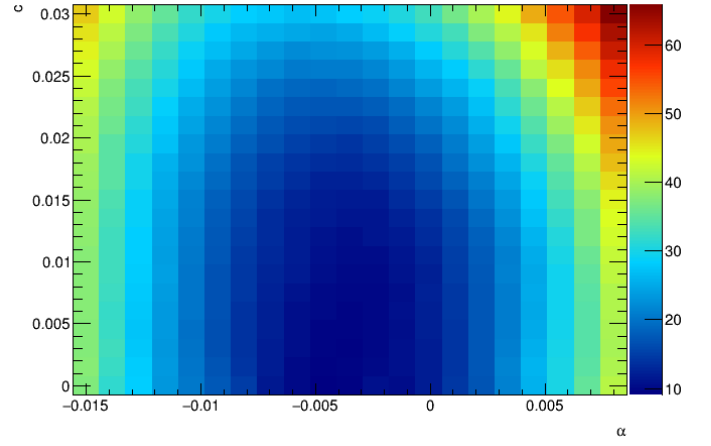
MCEvents : 55470

DataEvents : 252

ThresholdMass : 60.6825

$$\alpha_{ij} = -0.00370919 \pm 0.00211659$$

$$\sigma_{ij} = 0.00382365 \pm 0.00782942$$



121 ChiMatrix_18_14

Results

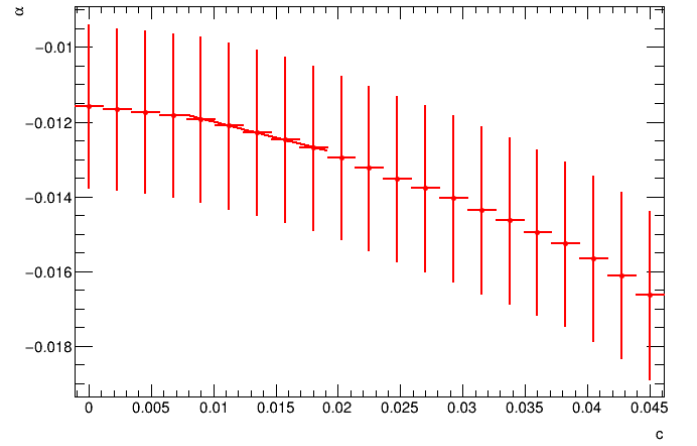
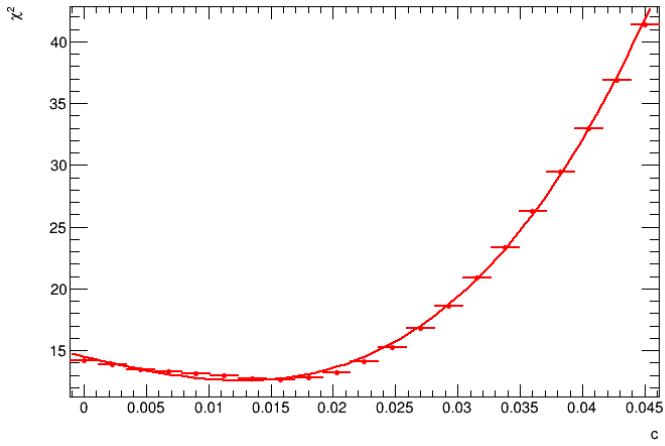
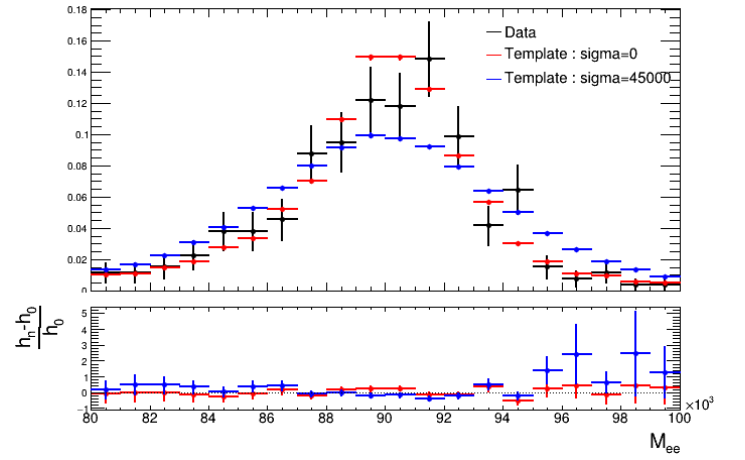
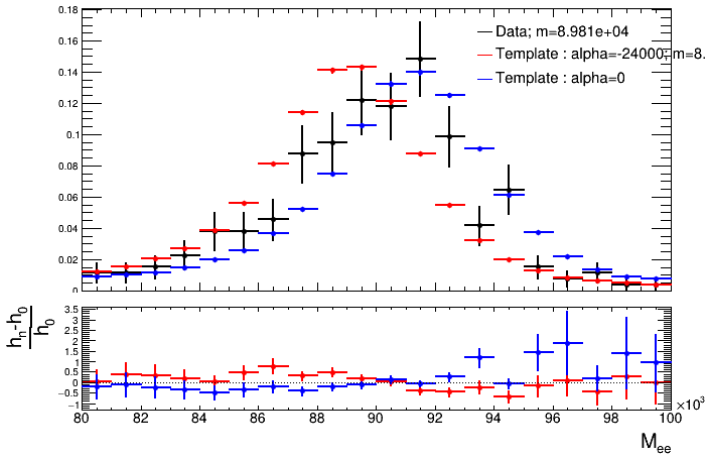
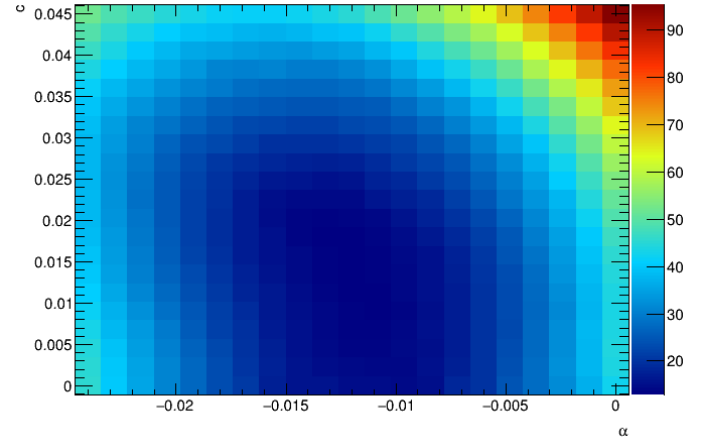
MCEvents : 58374

DataEvents : 295

ThresholdMass : 58.2132

$$\alpha_{ij} = -0.0122339 \pm 0.00221985$$

$$\sigma_{ij} = 0.0127461 \pm 0.00724867$$



Results

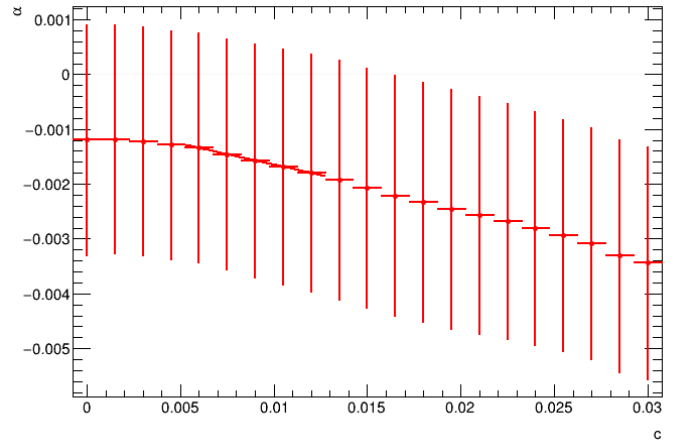
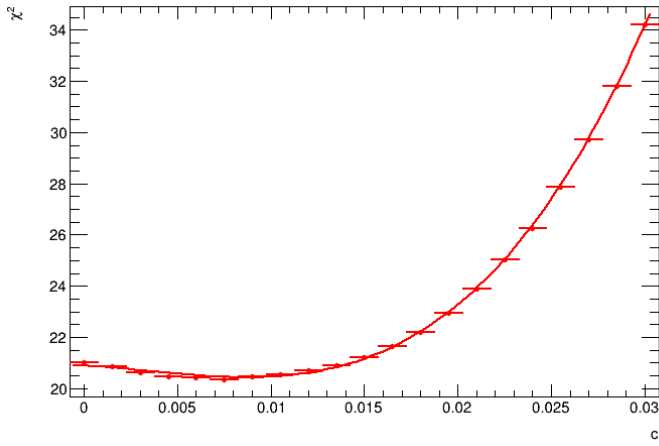
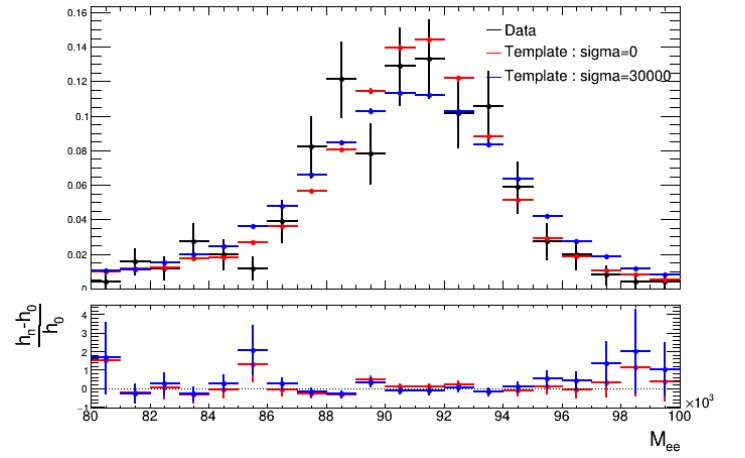
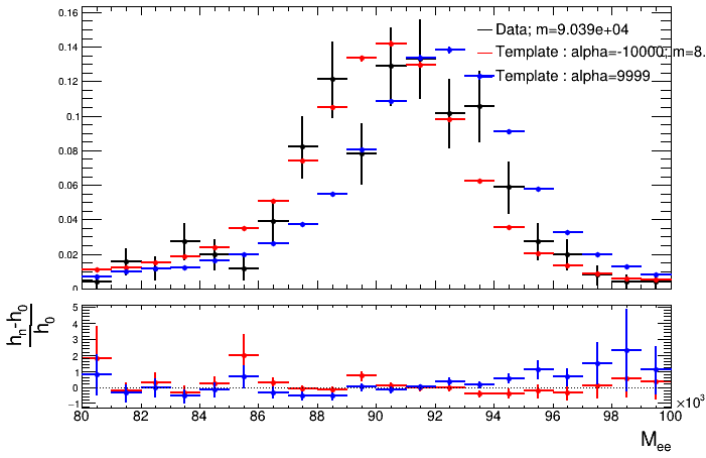
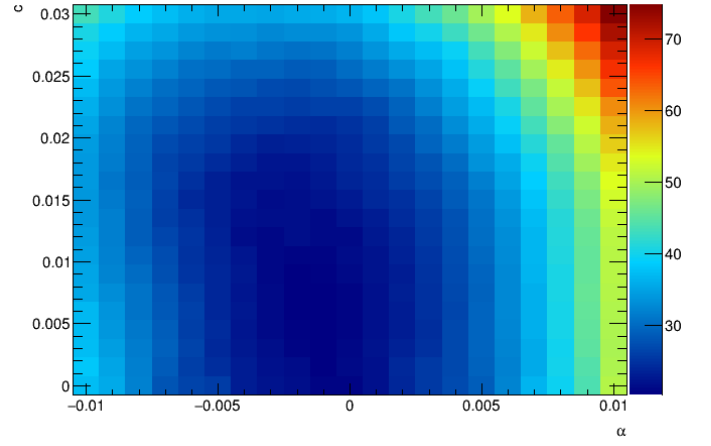
MCEvents : 59340

DataEvents : 291

ThresholdMass : 56.3265

$$\alpha_{ij} = -0.00155196 \pm 0.00213367$$

$$\sigma_{ij} = 0.00872704 \pm 0.00726392$$



123 ChiMatrix_18_16

Results

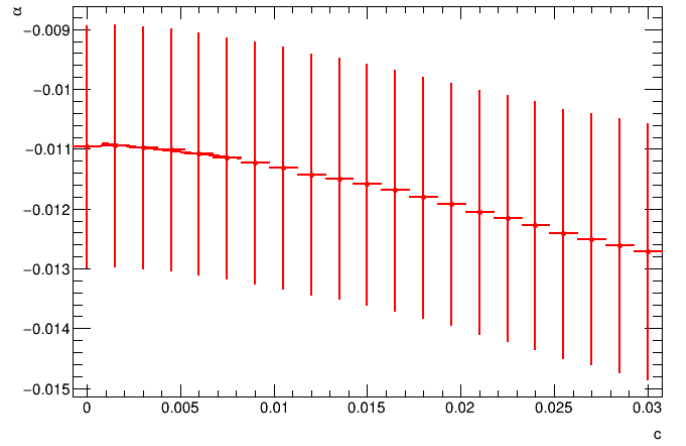
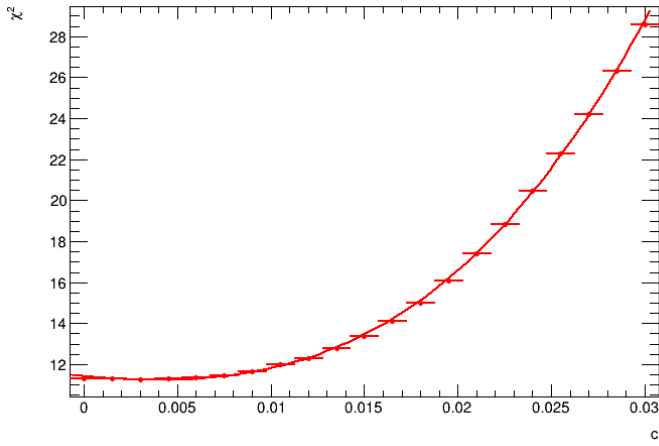
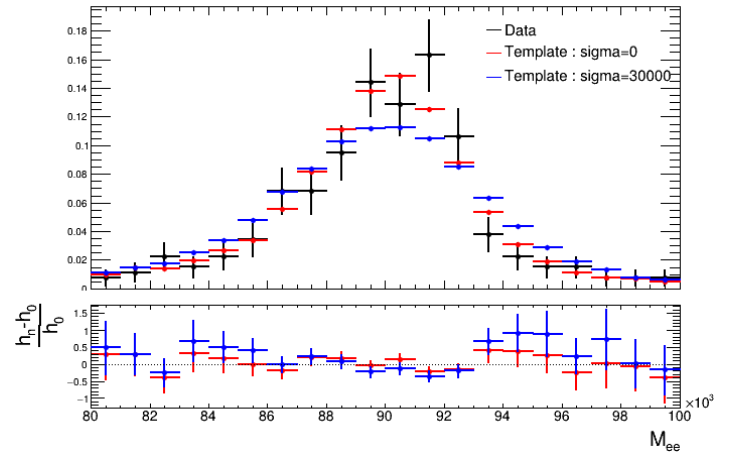
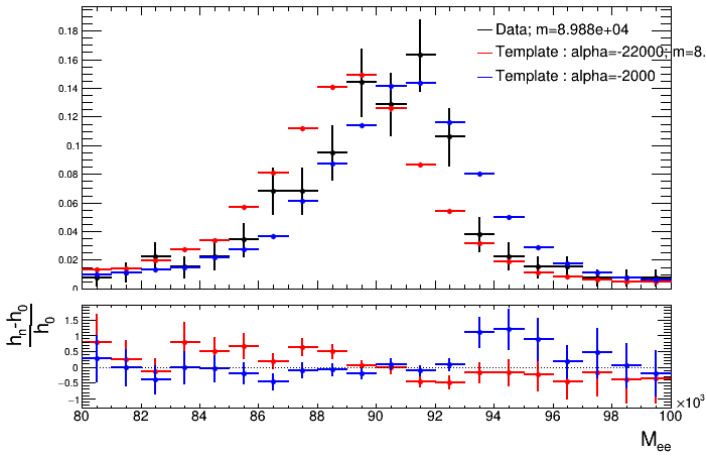
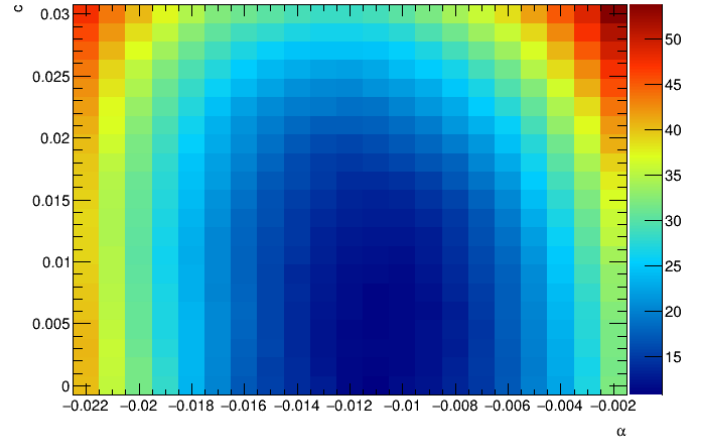
MCEvents : 58080

DataEvents : 303

ThresholdMass : 55.0036

$$\alpha_{ij} = -0.0110171 \pm 0.00202127$$

$$\sigma_{ij} = 0.00401718 \pm 0.00776009$$



Results

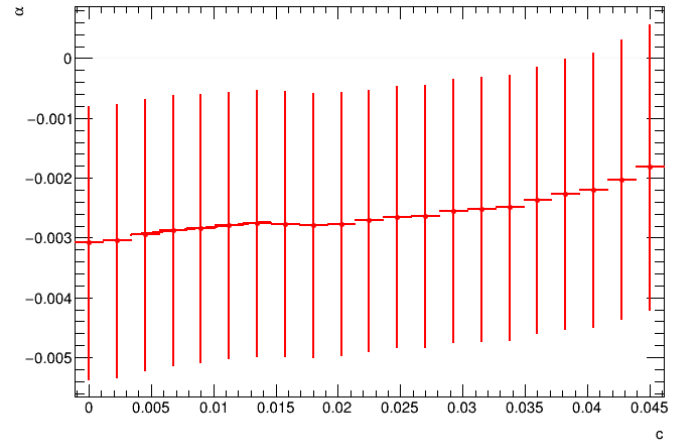
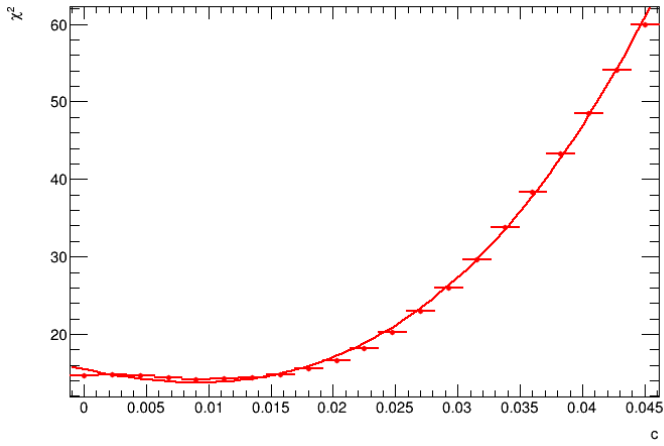
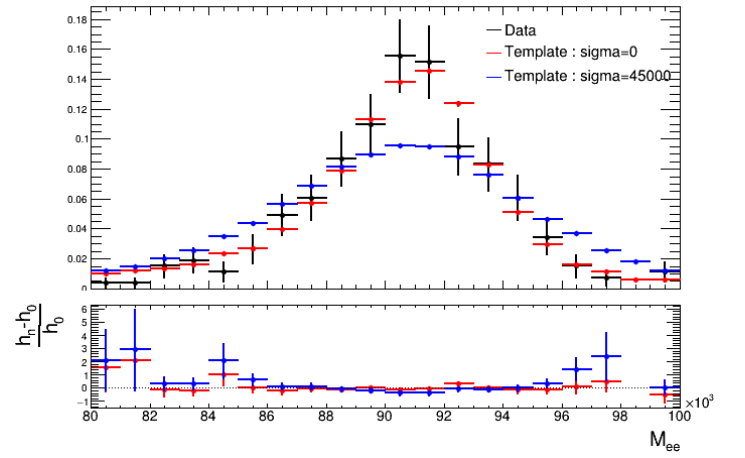
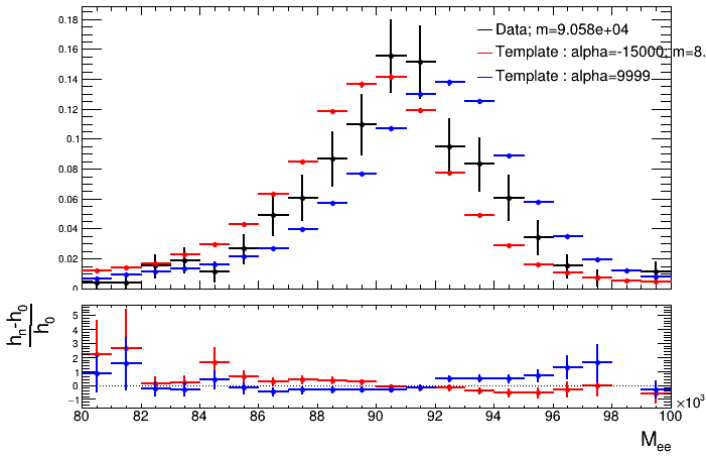
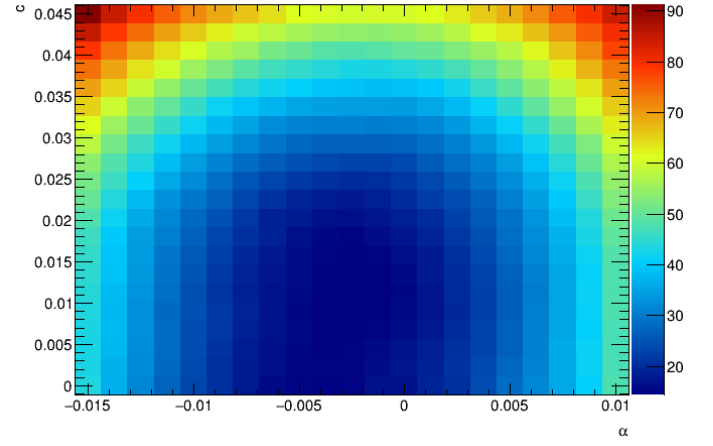
MCEvents : 58308

DataEvents : 302

ThresholdMass : 54.2312

$$\alpha_{ij} = -0.00283821 \pm 0.00224298$$

$$\sigma_{ij} = 0.00918251 \pm 0.00623675$$



125 ChiMatrix_18_18

Results

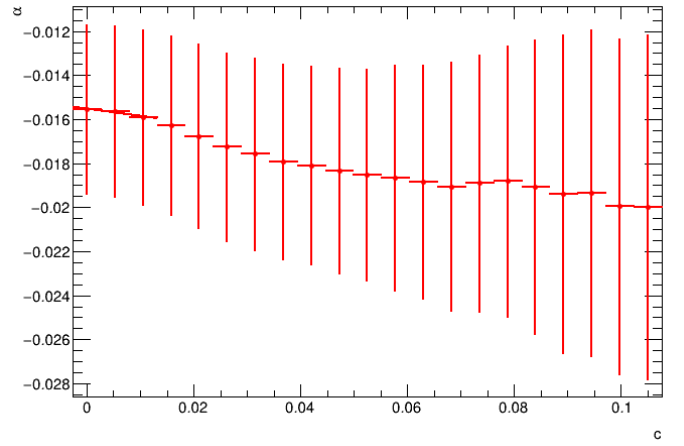
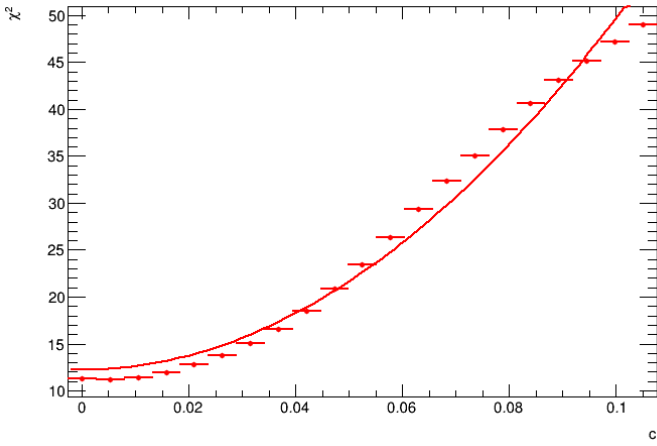
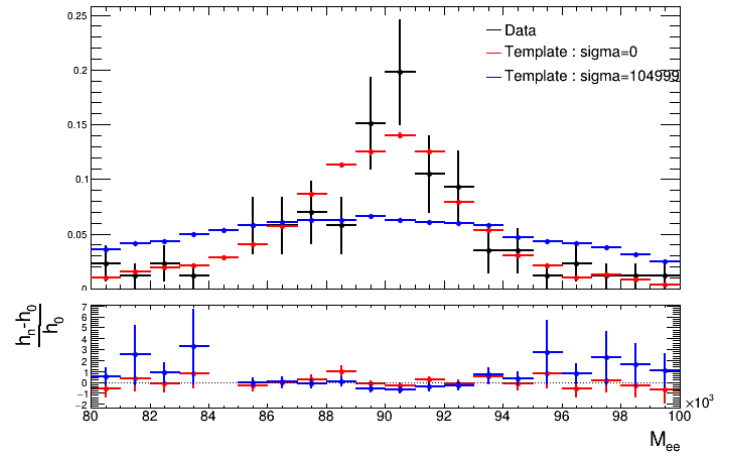
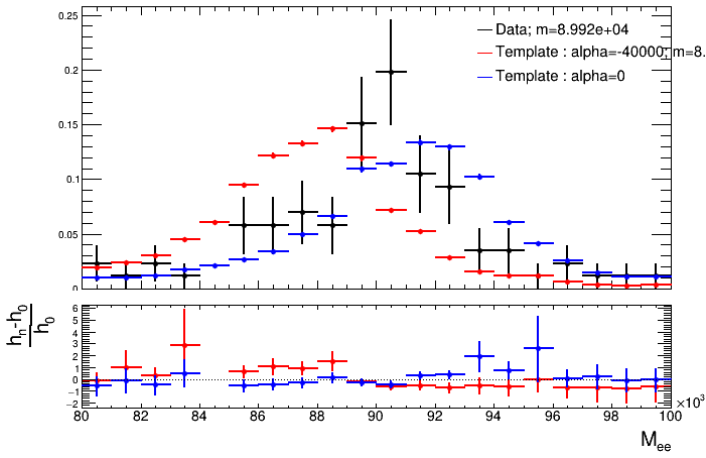
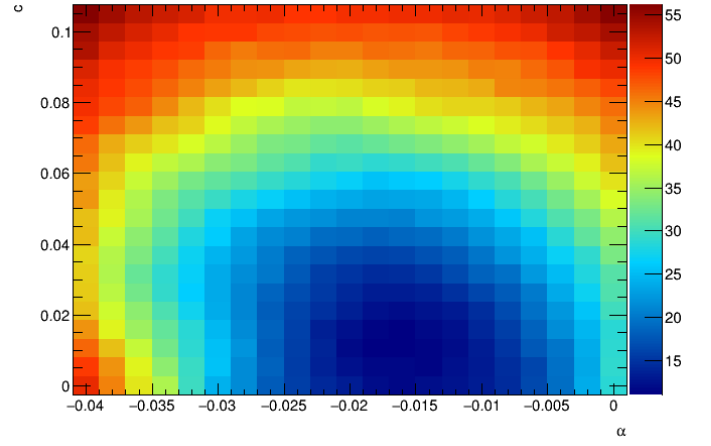
MCEvents : 23682

DataEvents : 105

ThresholdMass : 54

$$\alpha_{ij} = -0.0156158 \pm 0.00386287$$

$$\sigma_{ij} = 0 \pm 0.0163303$$



Results

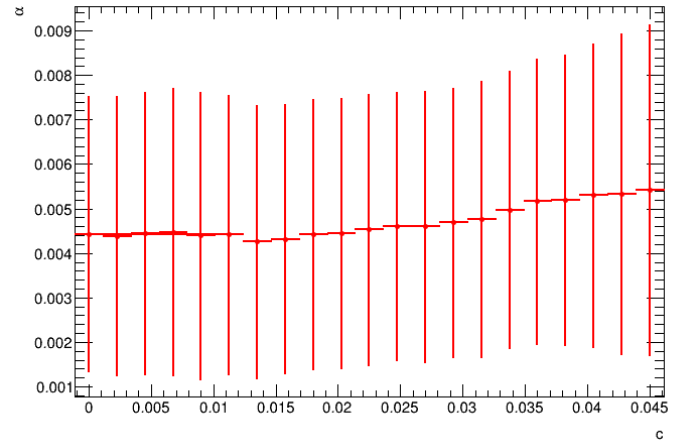
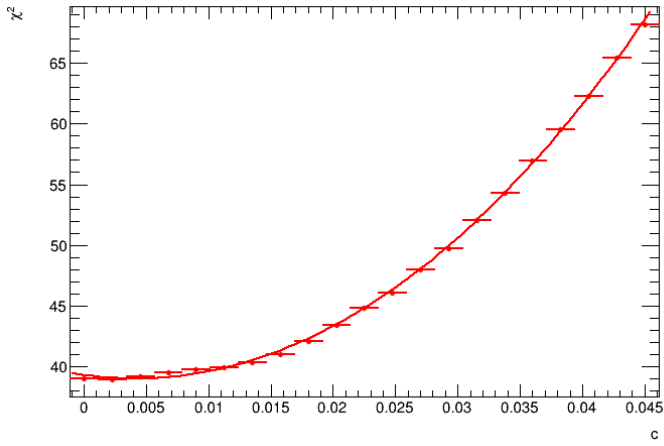
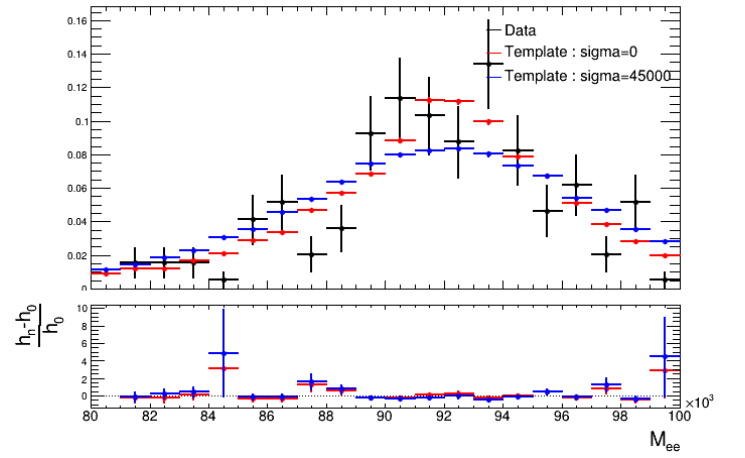
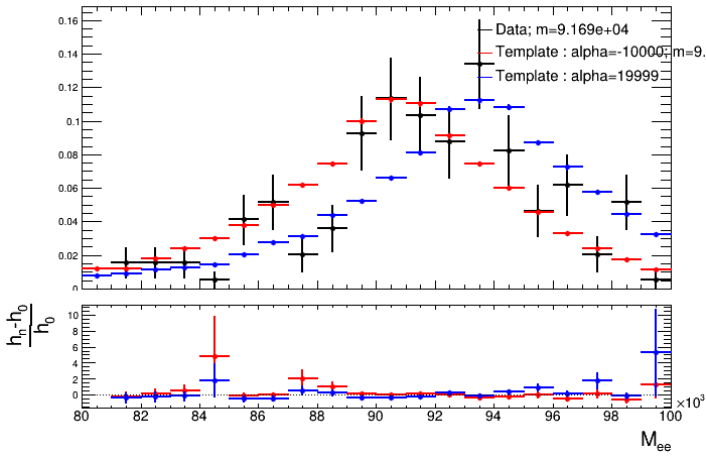
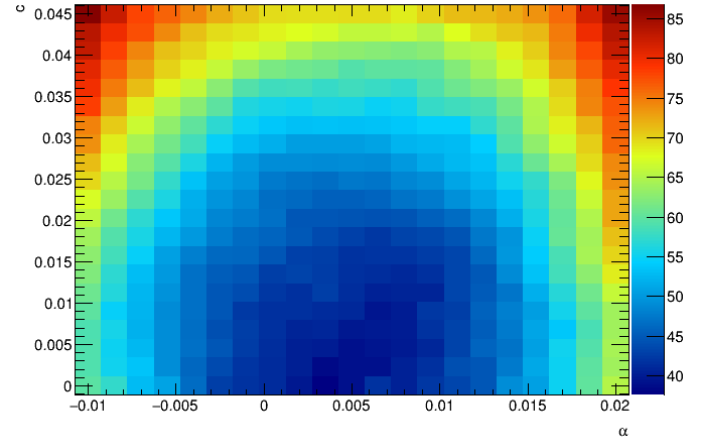
MCEvents : 48750

DataEvents : 223

ThresholdMass : 66.9734

$$\alpha_{ij} = 0.00442559 \pm 0.00316914$$

$$\sigma_{ij} = 0.00412008 \pm 0.00771697$$



Results

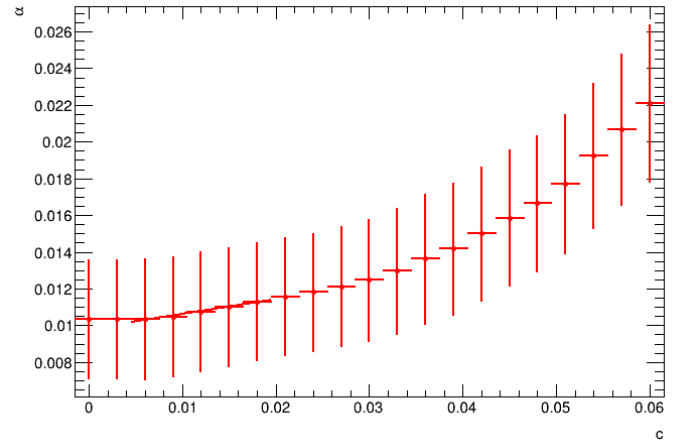
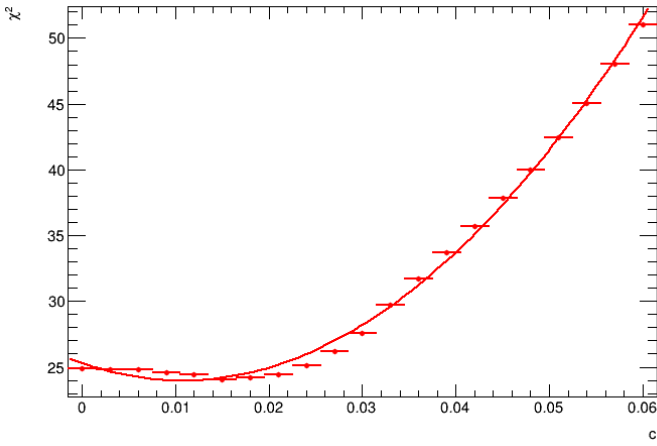
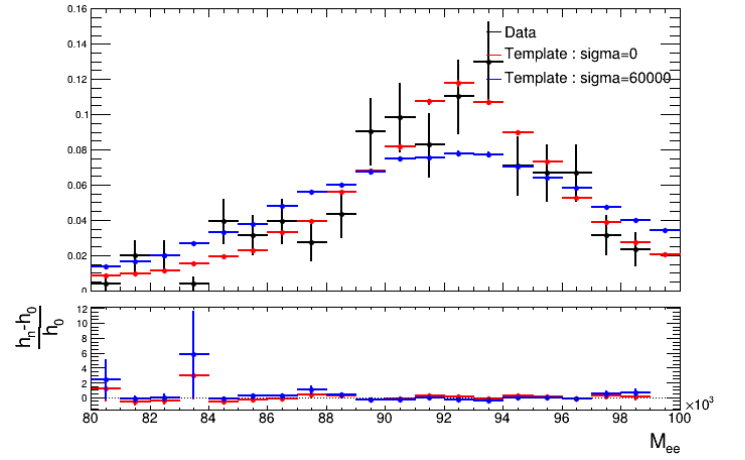
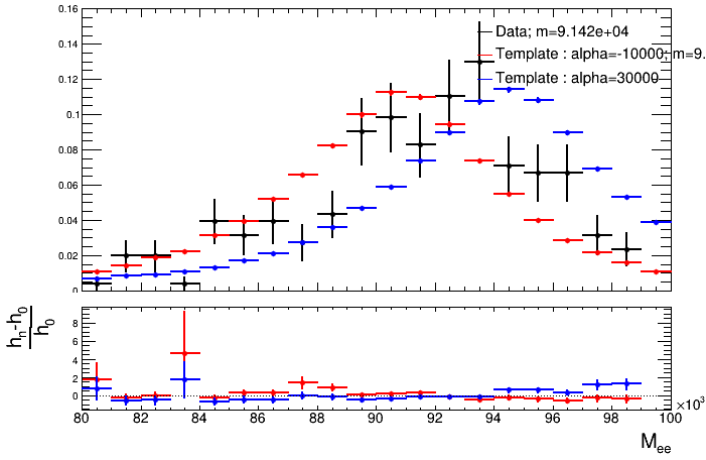
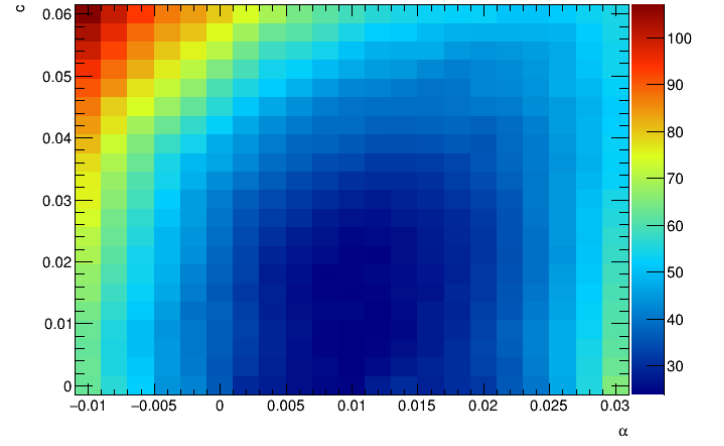
MCEvents : 54462

DataEvents : 289

ThresholdMass : 63.3403

$$\alpha_{ij} = 0.0106843 \pm 0.0032592$$

$$\sigma_{ij} = 0.0108248 \pm 0.00935932$$



Results

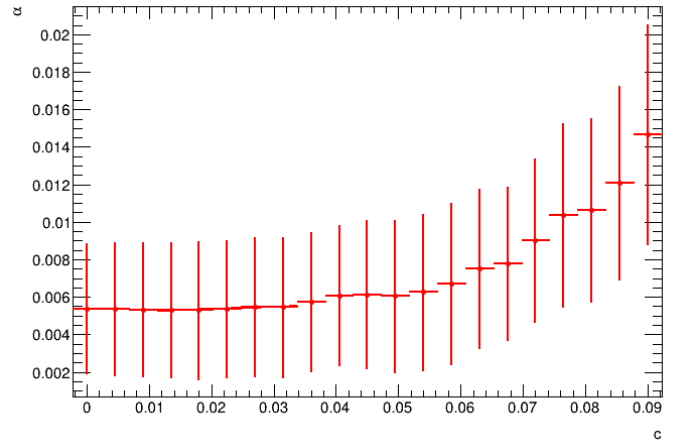
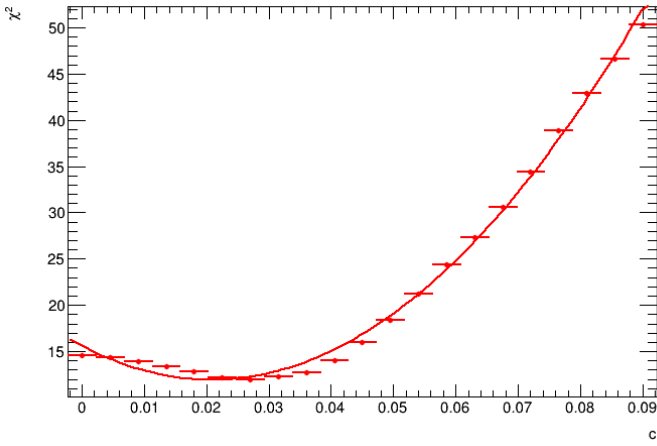
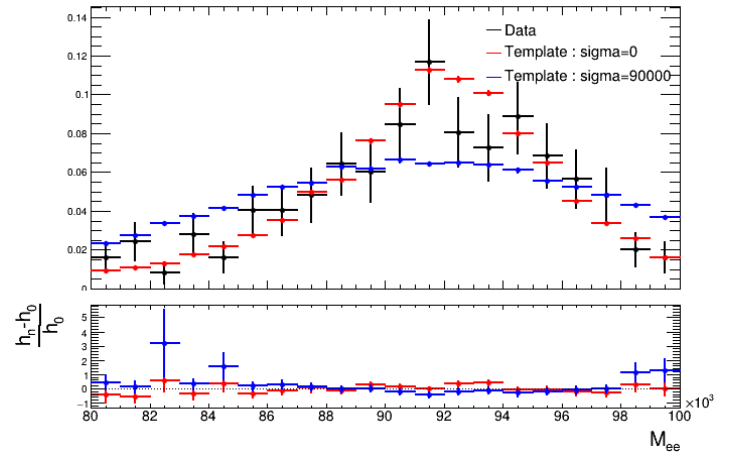
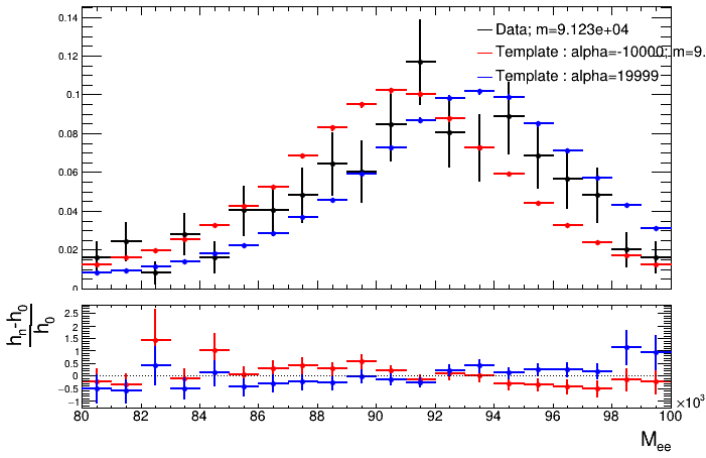
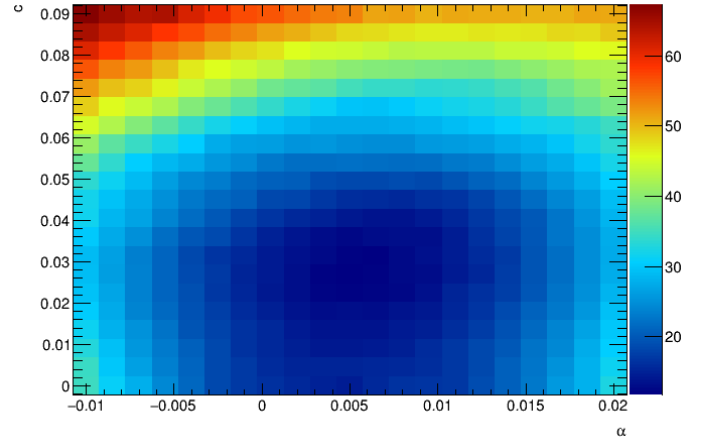
MCEvents : 58578

DataEvents : 284

ThresholdMass : 60.3412

$$\alpha_{ij} = 0.00536388 \pm 0.00366627$$

$$\sigma_{ij} = 0.0208639 \pm 0.0109362$$



Results

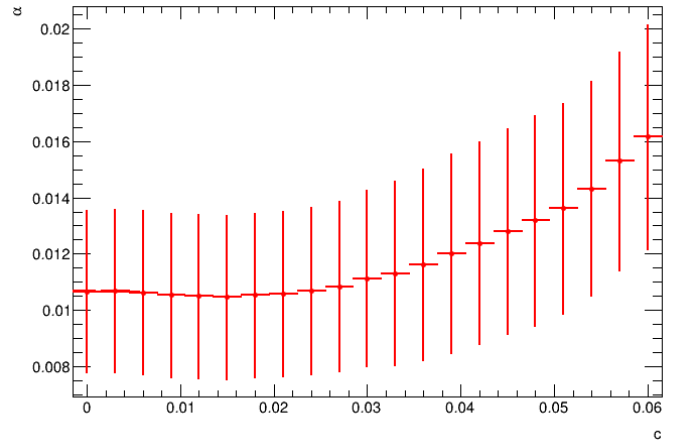
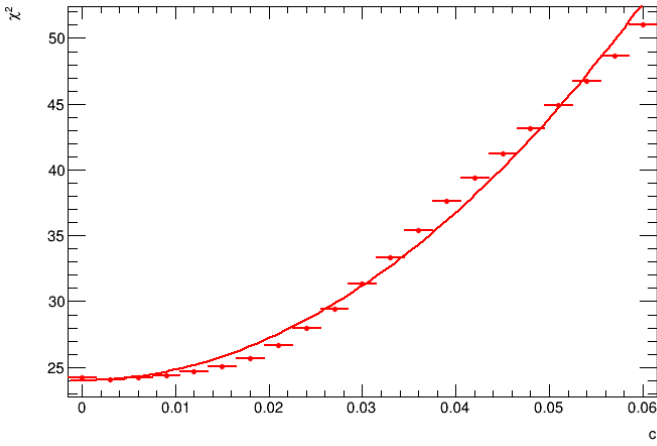
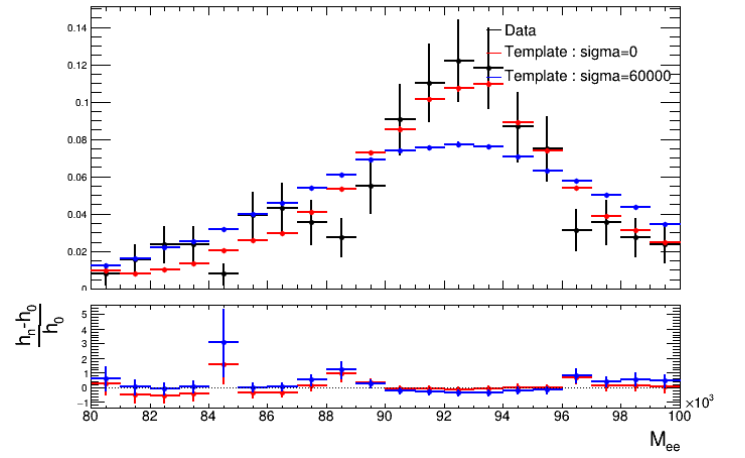
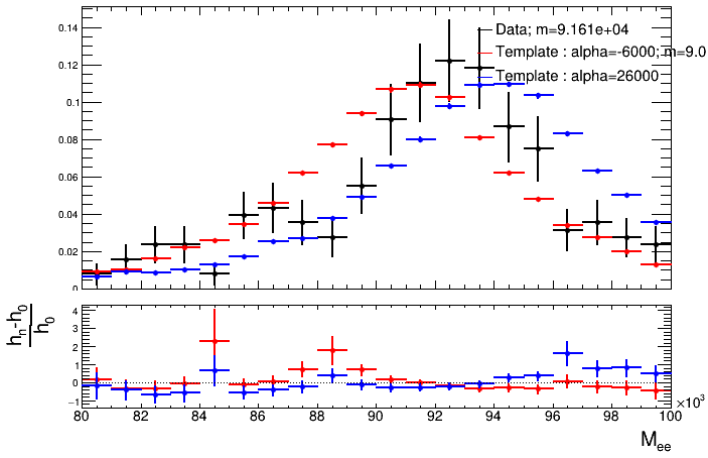
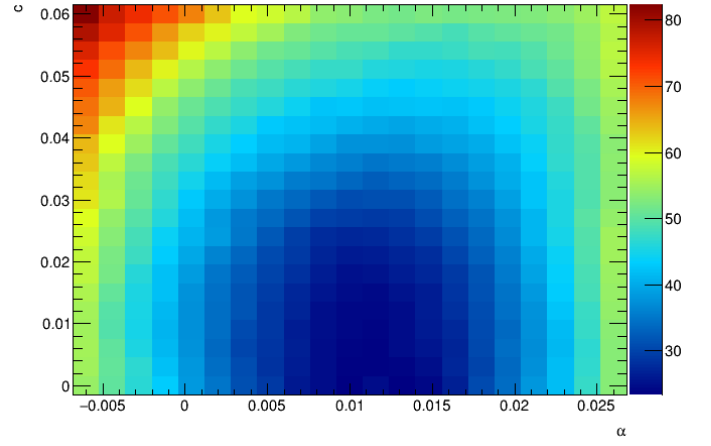
MCEvents : 60894

DataEvents : 306

ThresholdMass : 57.9459

$$\alpha_{ij} = 0.0106772 \pm 0.00289677$$

$$\sigma_{ij} = 3.41394e - 18 \pm 0.0112234$$



Results

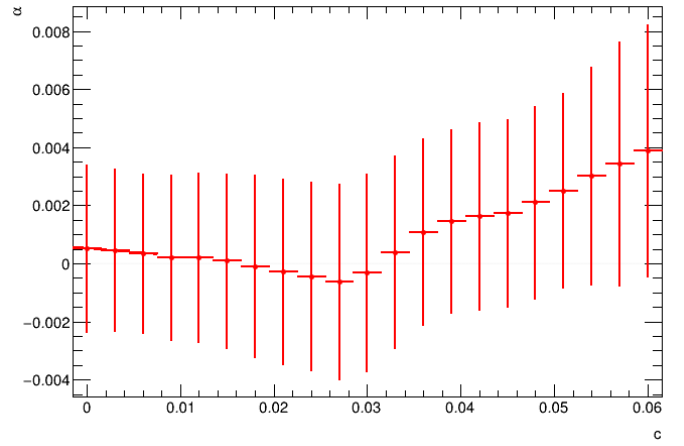
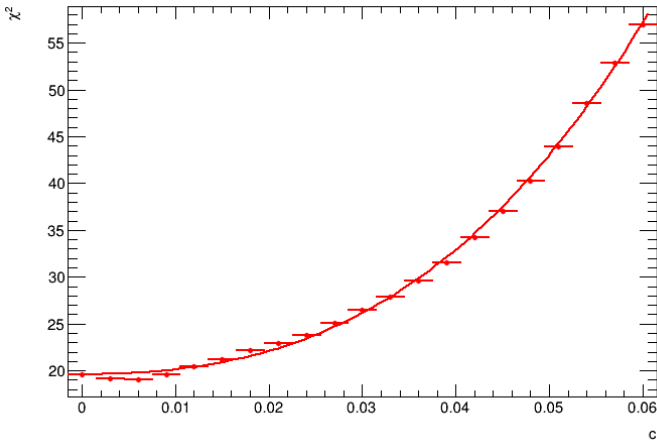
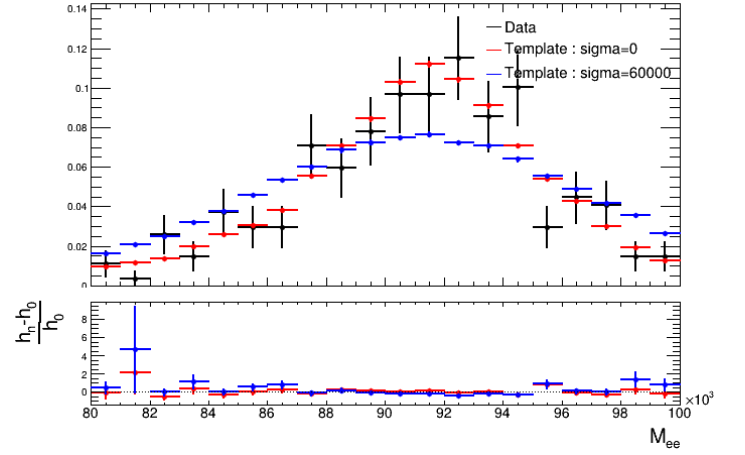
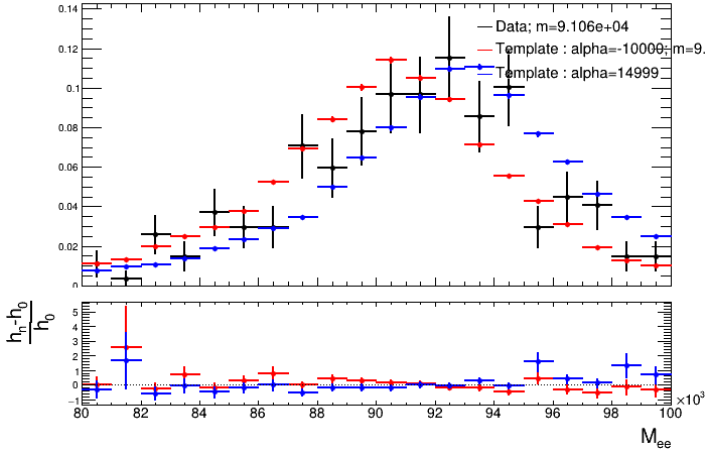
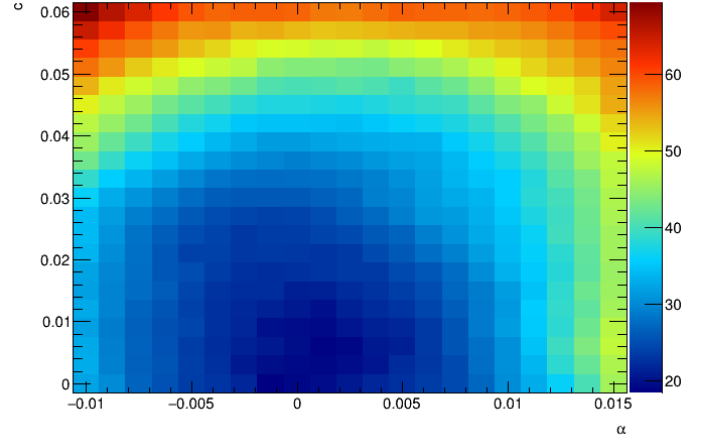
MCEvents : 59202

DataEvents : 313

ThresholdMass : 56.1307

$$\alpha_{ij} = 0.000526273 \pm 0.00289119$$

$$\sigma_{ij} = 3.67647e - 14 \pm 0.0135357$$



Results

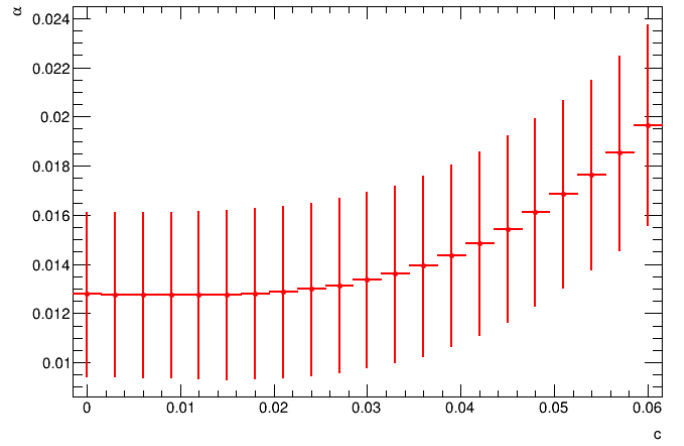
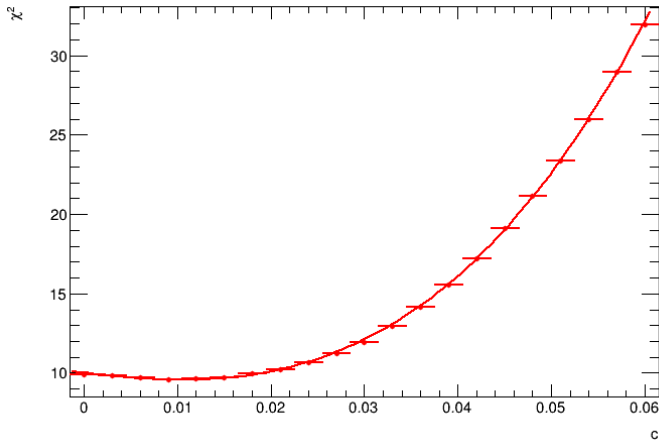
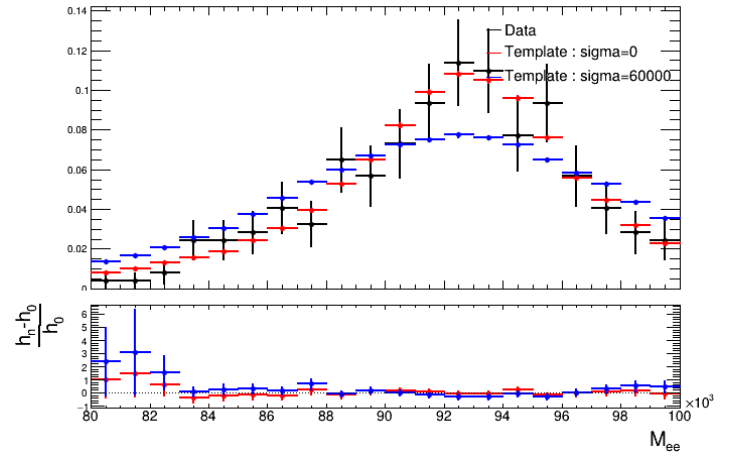
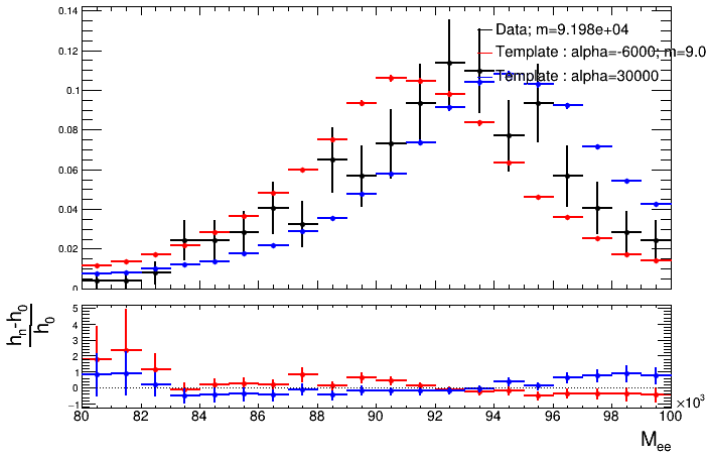
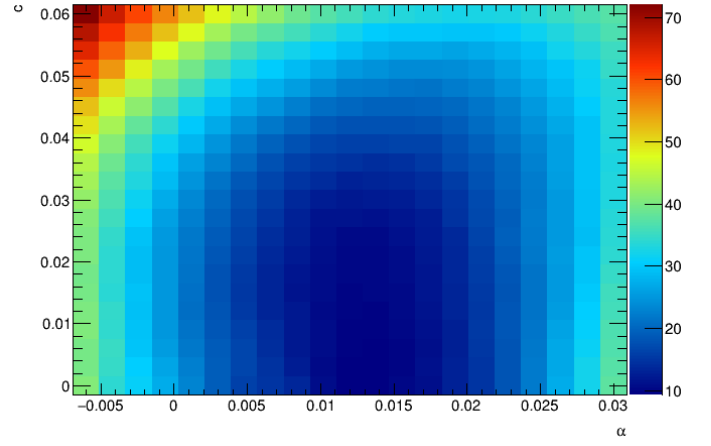
MCEvents : 61458

DataEvents : 305

ThresholdMass : 54.8772

$$\alpha_{ij} = 0.0127577 \pm 0.00337569$$

$$\sigma_{ij} = 0.0104939 \pm 0.0128636$$



Results

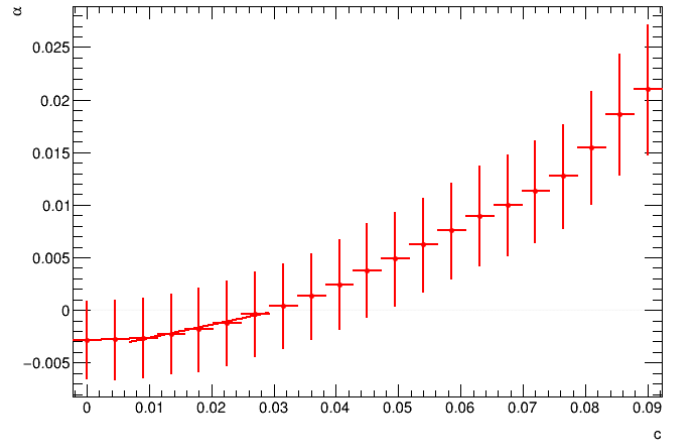
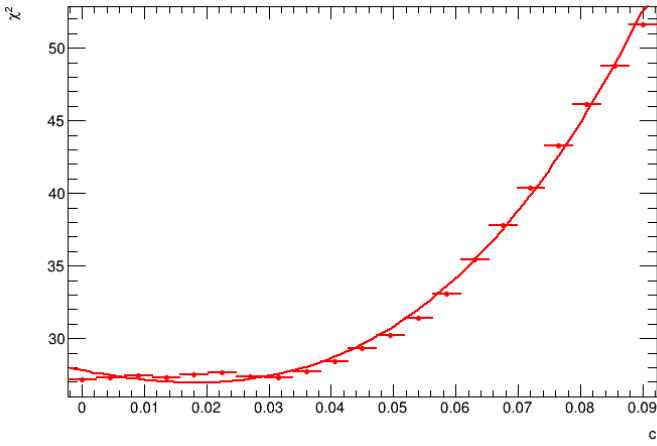
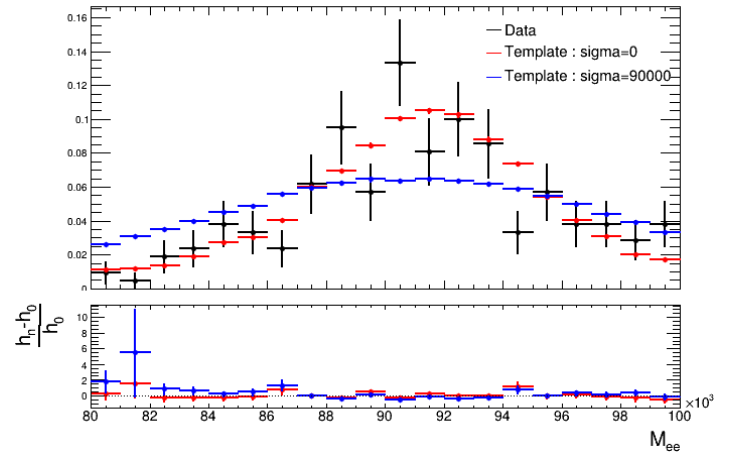
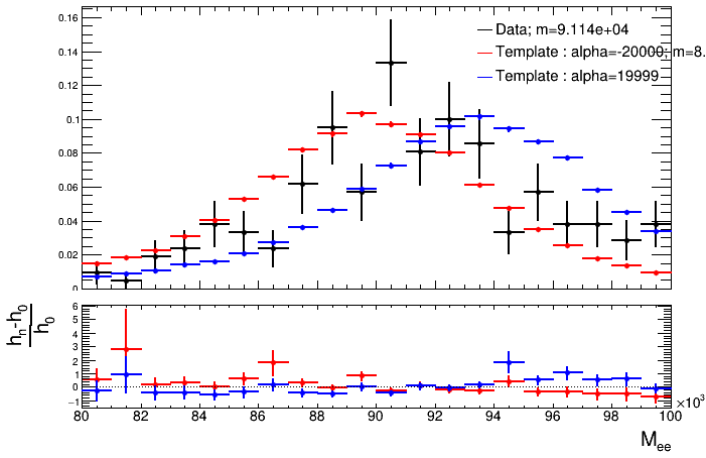
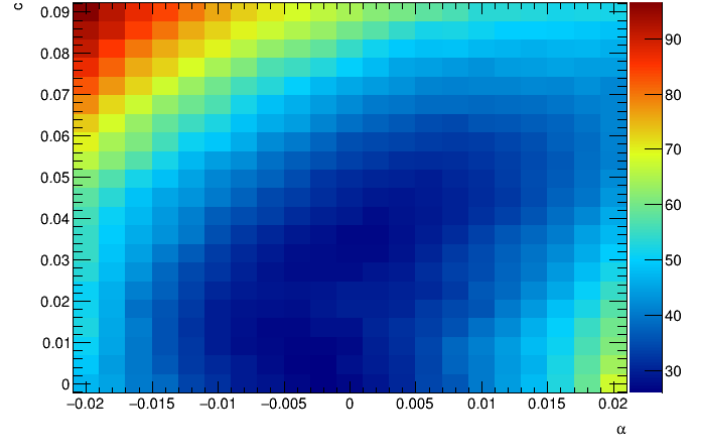
MCEvents : 50016

DataEvents : 252

ThresholdMass : 54.2069

$$\alpha_{ij} = -0.00162148 \pm 0.00395615$$

$$\sigma_{ij} = 0.0183741 \pm 0.0170712$$



133 ChiMatrix_19_19

Results

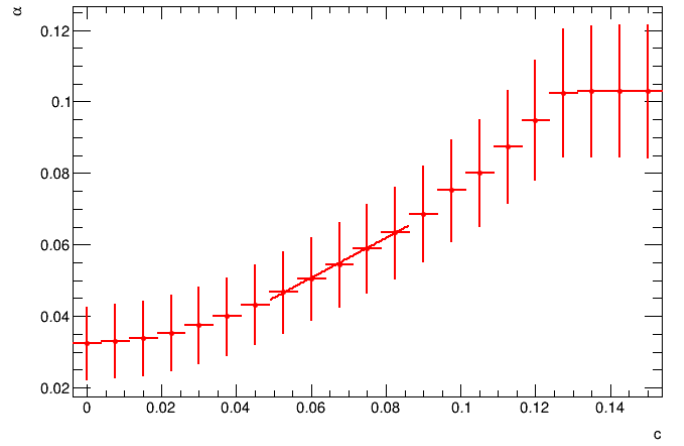
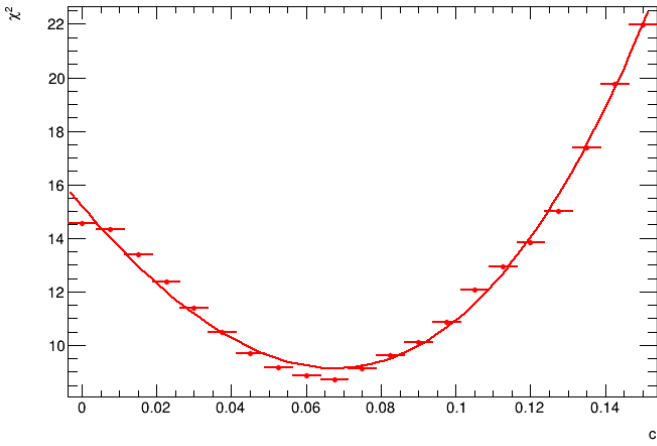
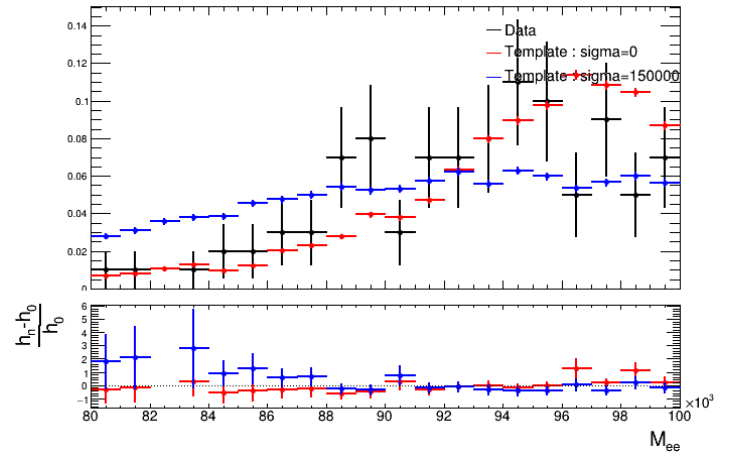
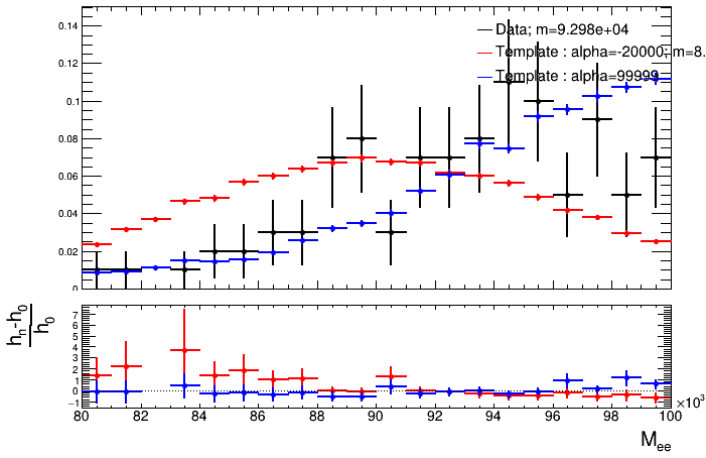
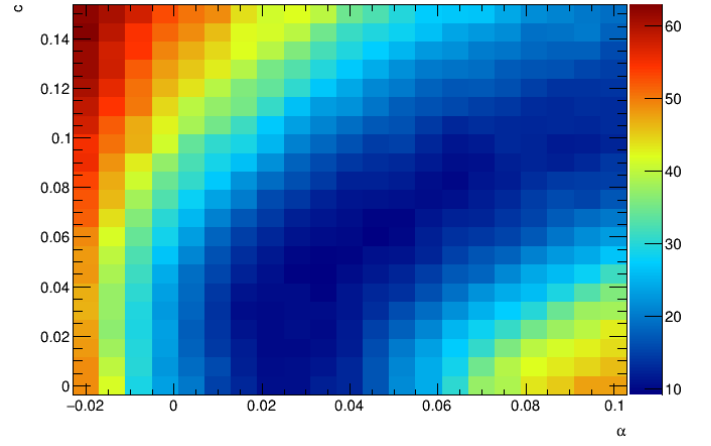
MCEvents : 25860

DataEvents : 127

ThresholdMass : 54

$$\alpha_{ij} = 0.0548918 \pm 0.0118461$$

$$\sigma_{ij} = 0.0676676 \pm 0.0244419$$



Results

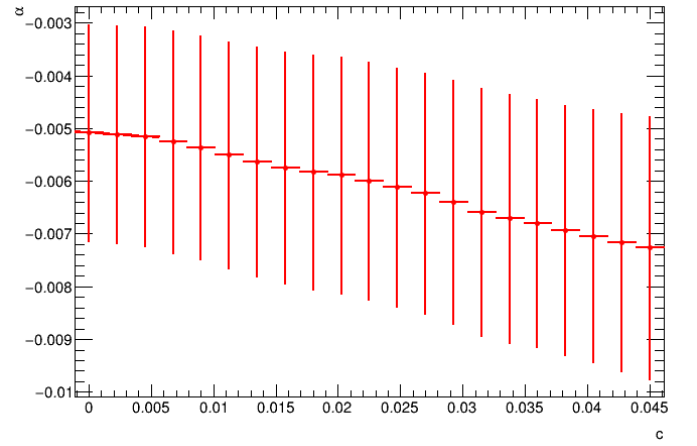
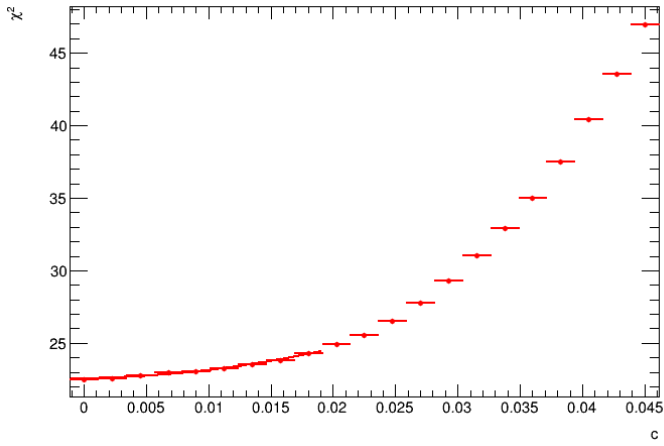
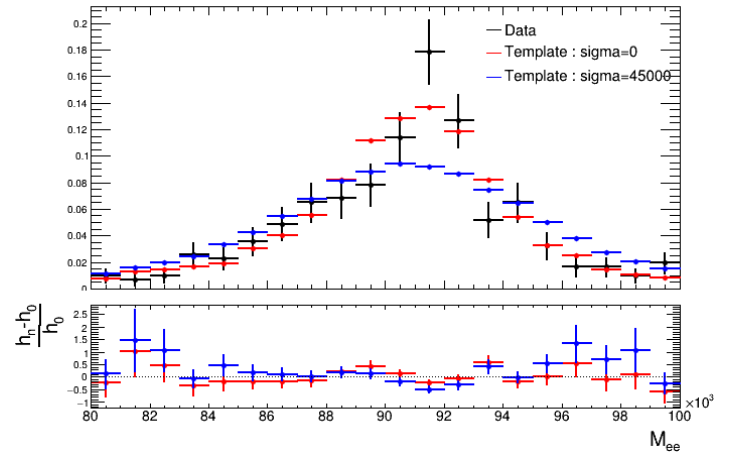
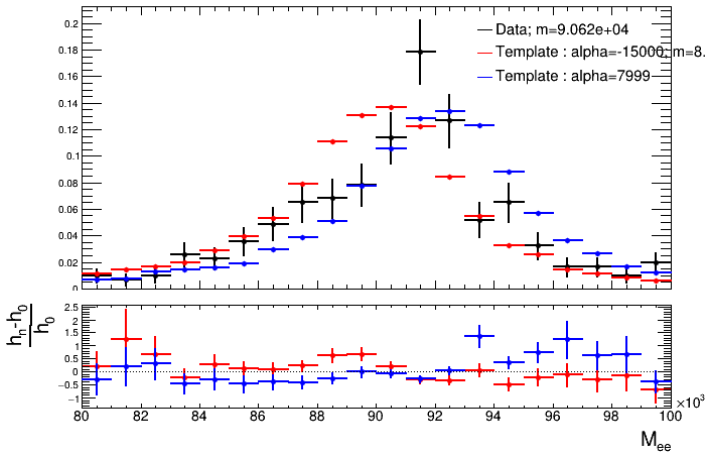
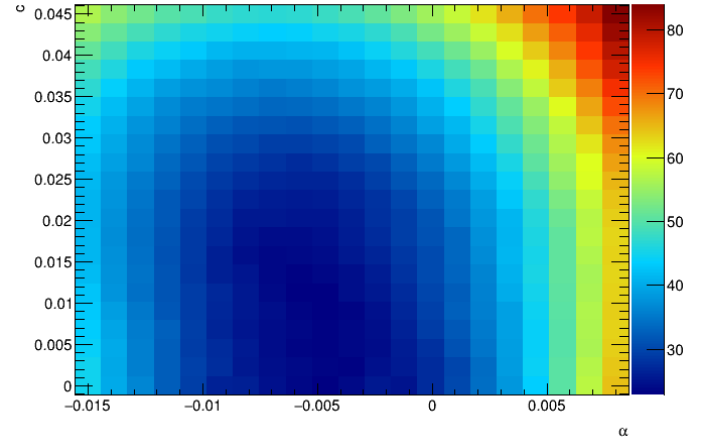
MCEvents : 69726

DataEvents : 341

ThresholdMass : 67.2724

$$\alpha_{ij} = -0.0051004 \pm 0.00205806$$

$$\sigma_{ij} = 0 \pm 0.0147772$$



Results

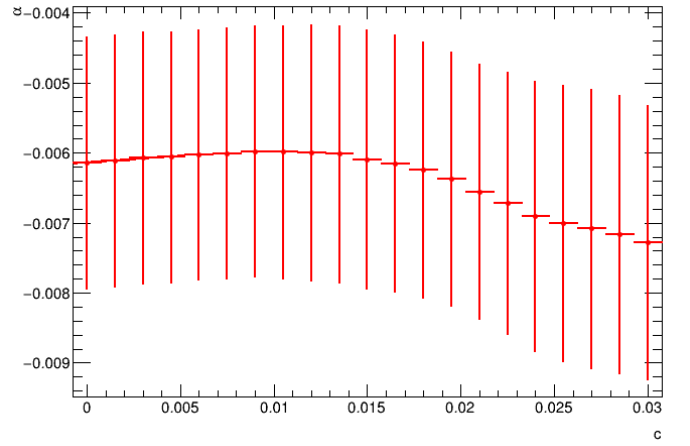
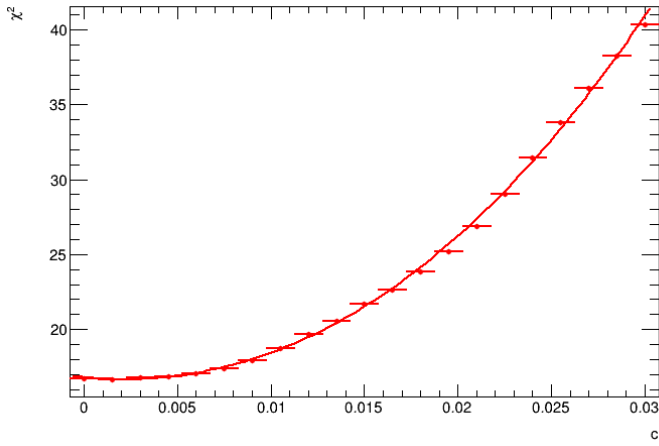
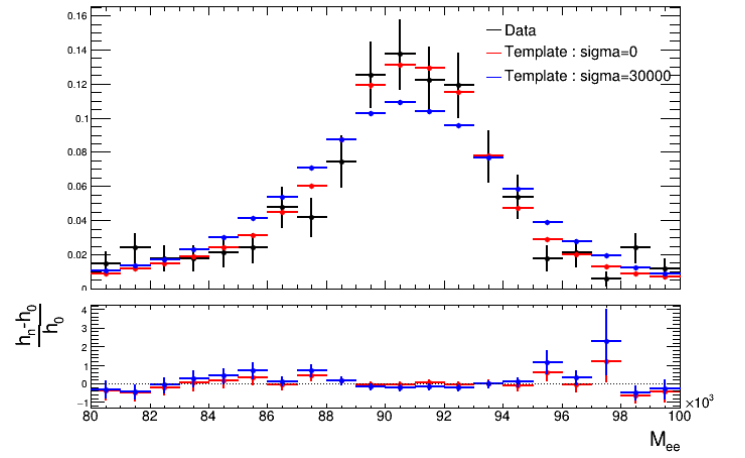
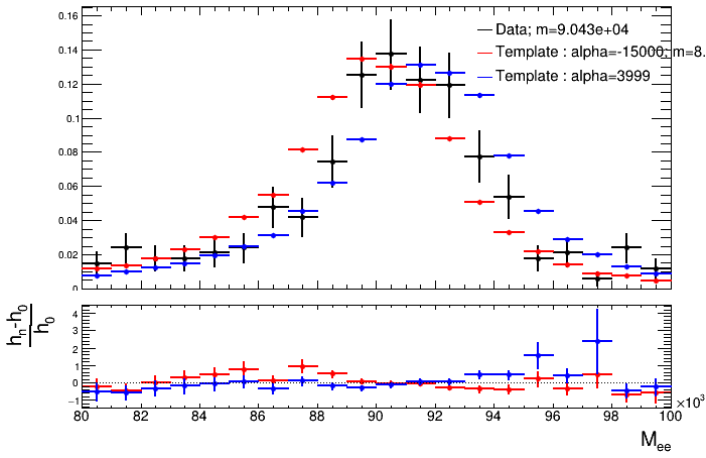
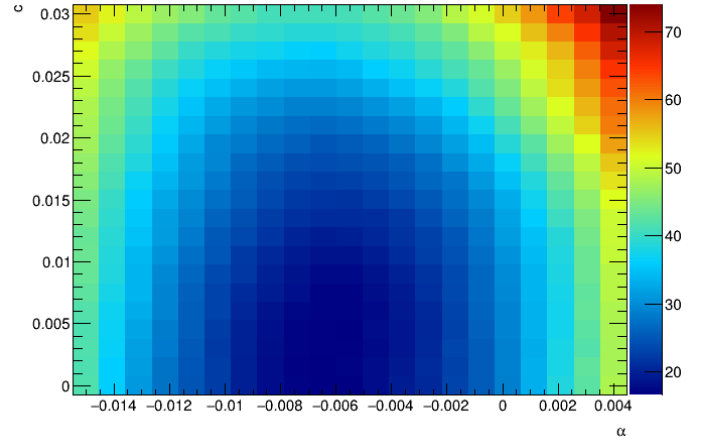
MCEvents : 74058

DataEvents : 378

ThresholdMass : 63.5904

$$\alpha_{ij} = -0.00609702 \pm 0.00180158$$

$$\sigma_{ij} = 0.00220346 \pm 0.00592048$$



Results

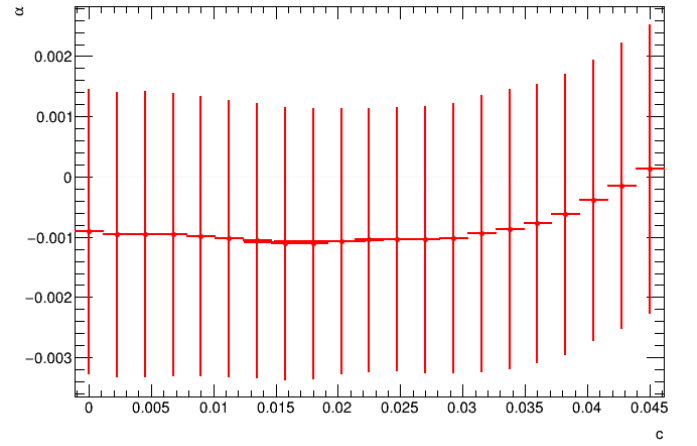
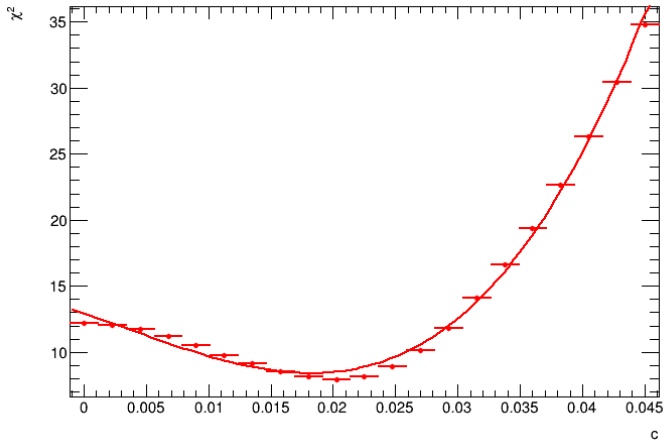
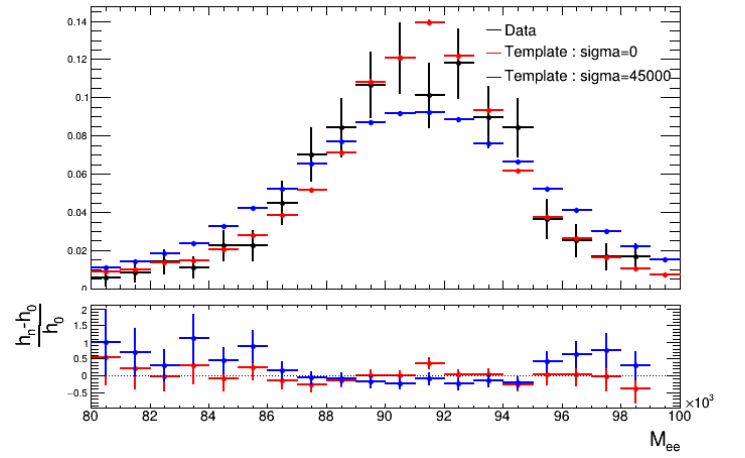
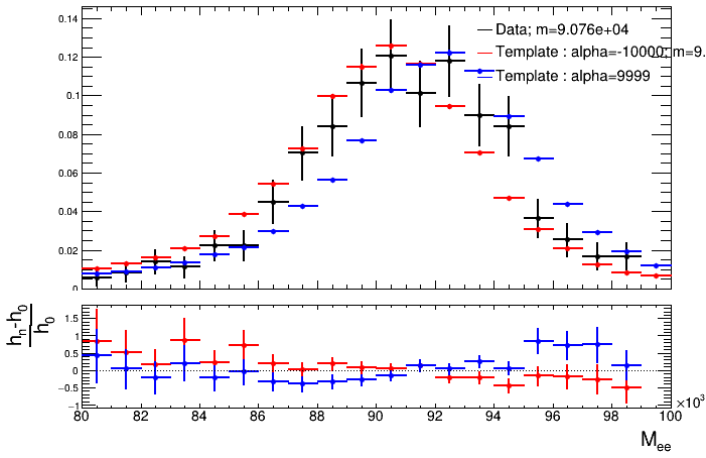
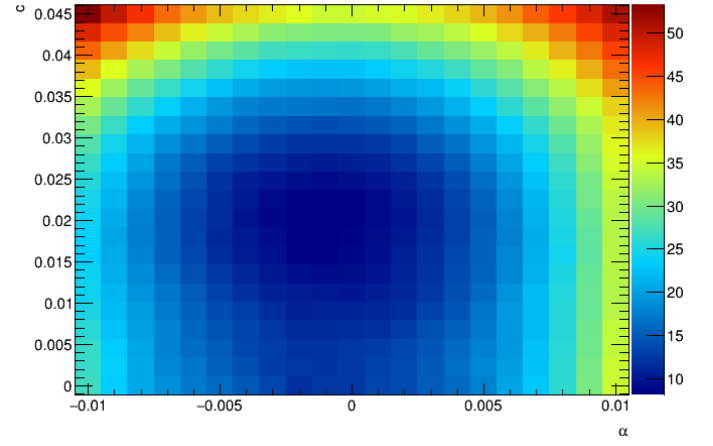
MCEvents : 77976

DataEvents : 385

ThresholdMass : 60.5448

$$\alpha_{ij} = -0.00107326 \pm 0.00223728$$

$$\sigma_{ij} = 0.0182454 \pm 0.00610888$$



Results

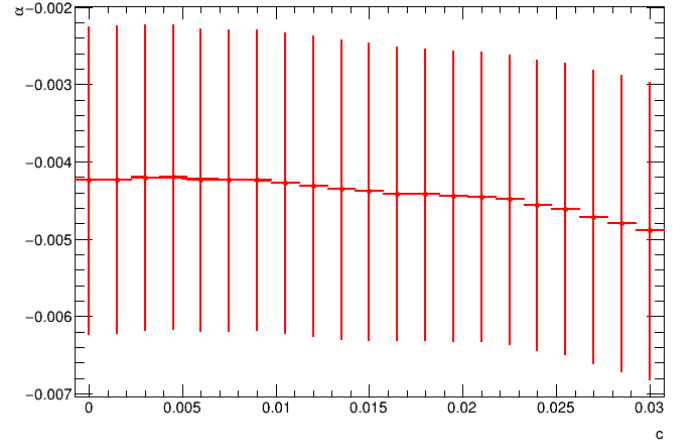
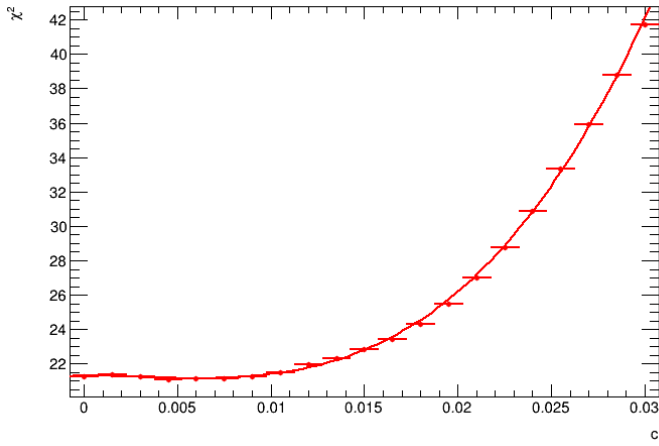
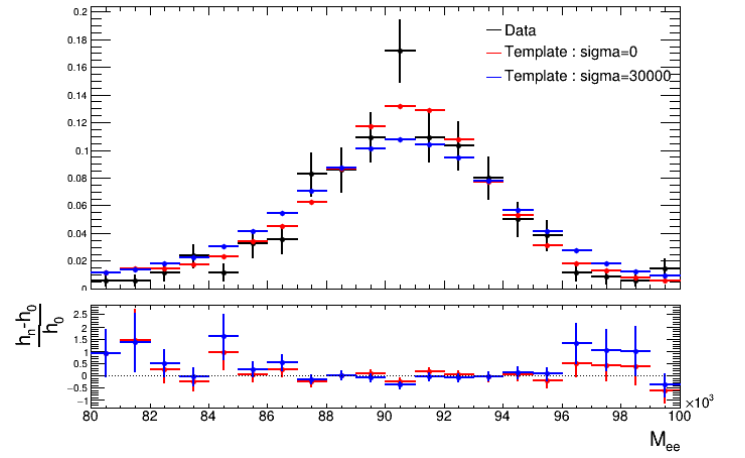
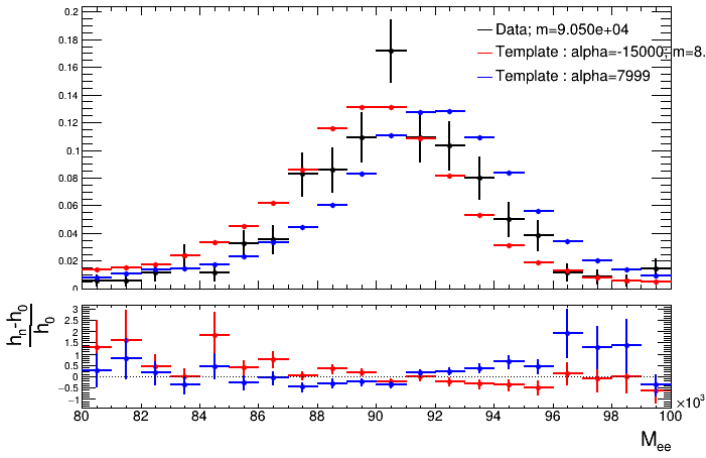
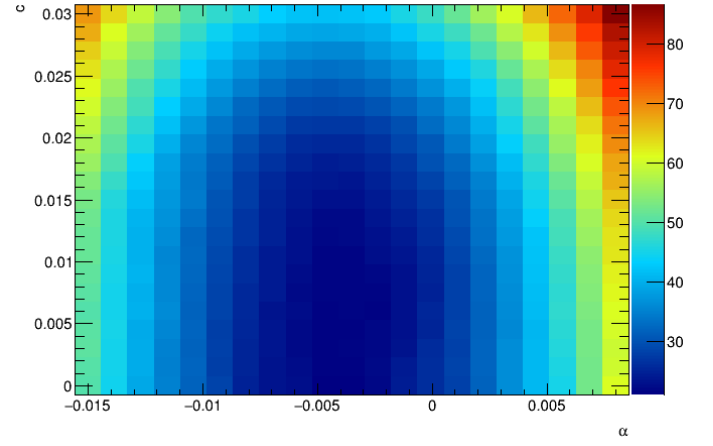
MCEvents : 79092

DataEvents : 382

ThresholdMass : 58.1052

$$\alpha_{ij} = -0.00422342 \pm 0.00196251$$

$$\sigma_{ij} = 0.00610775 \pm 0.00728559$$



Results

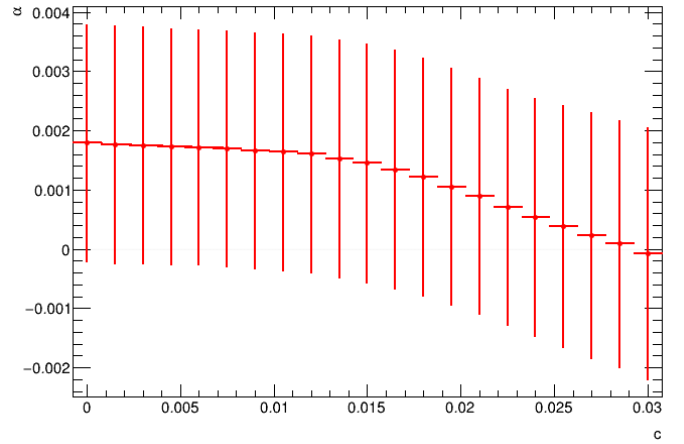
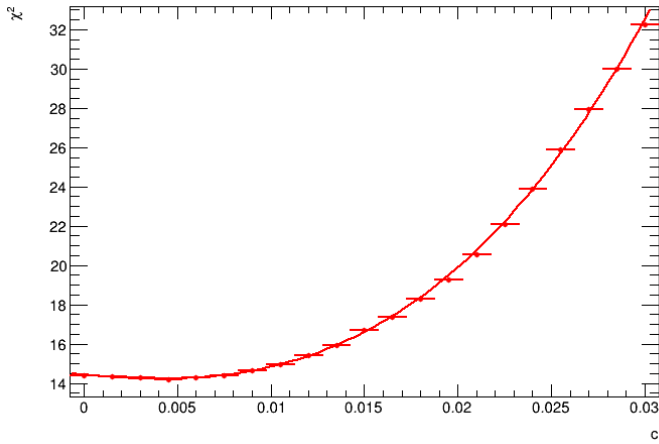
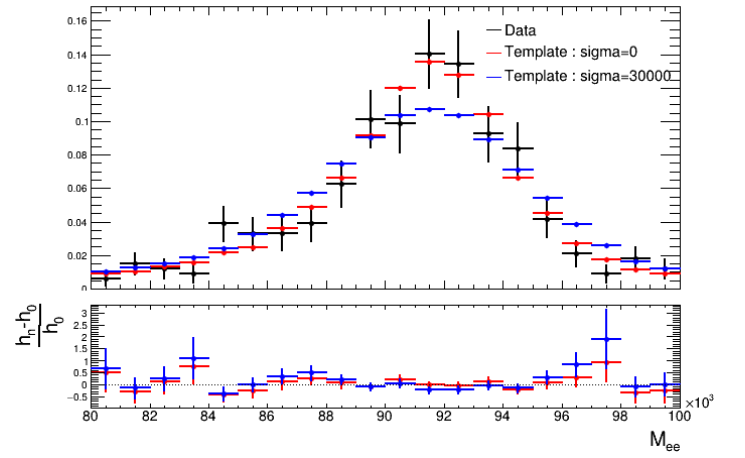
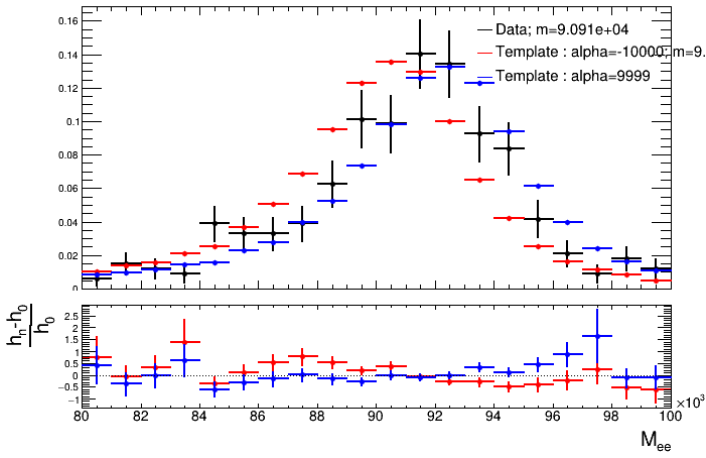
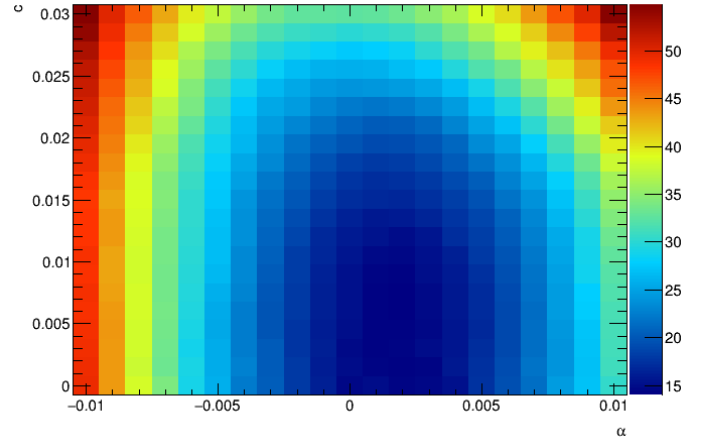
MCEvents : 79236

DataEvents : 378

ThresholdMass : 56.2471

$$\alpha_{ij} = 0.00173915 \pm 0.00199201$$

$$\sigma_{ij} = 0.00409563 \pm 0.00742496$$



Results

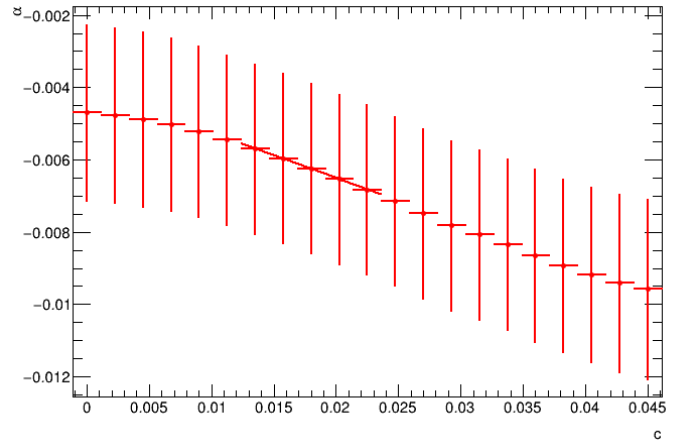
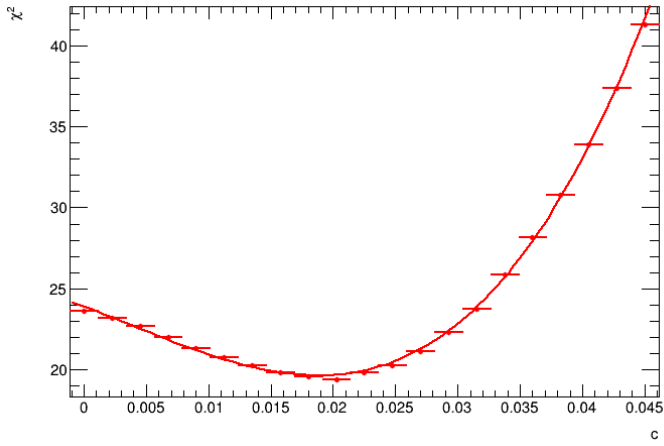
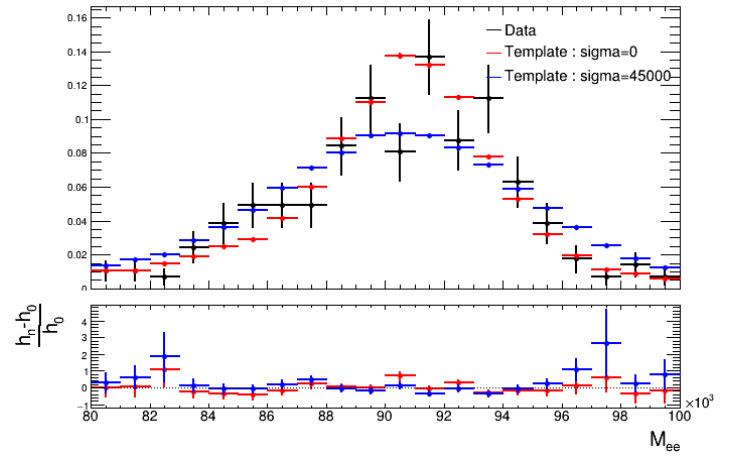
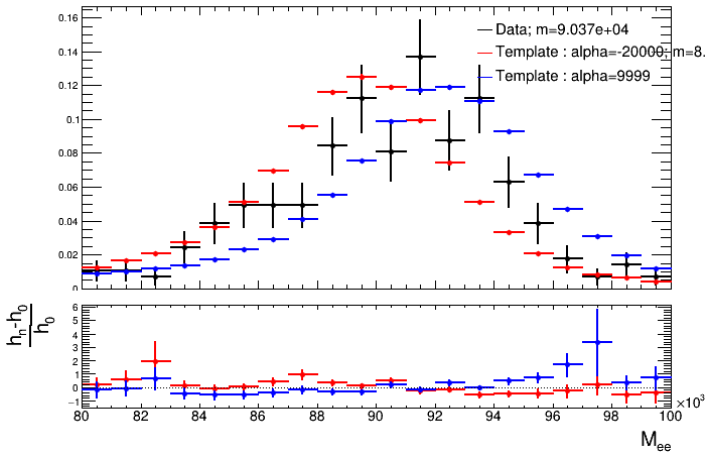
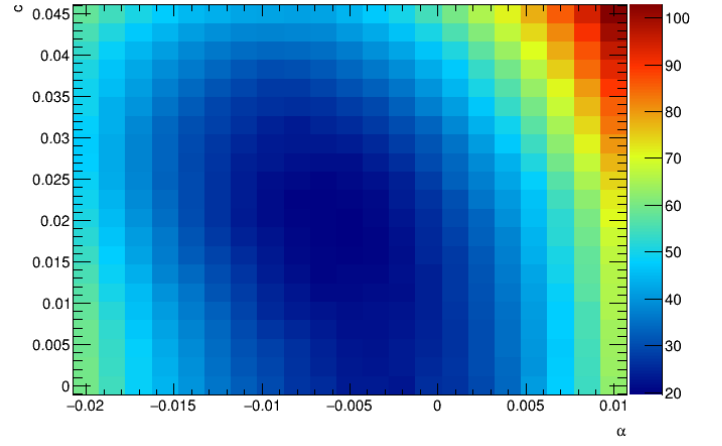
MCEvents : 66012

DataEvents : 330

ThresholdMass : 55.0299

$$\alpha_{ij} = -0.00636115 \pm 0.00235114$$

$$\sigma_{ij} = 0.0188405 \pm 0.00655135$$



Results

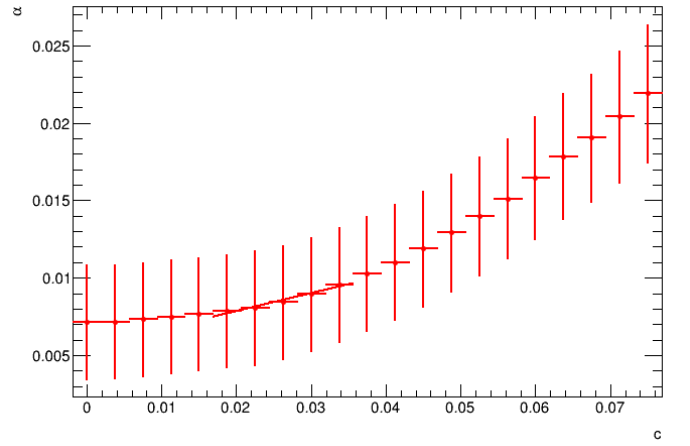
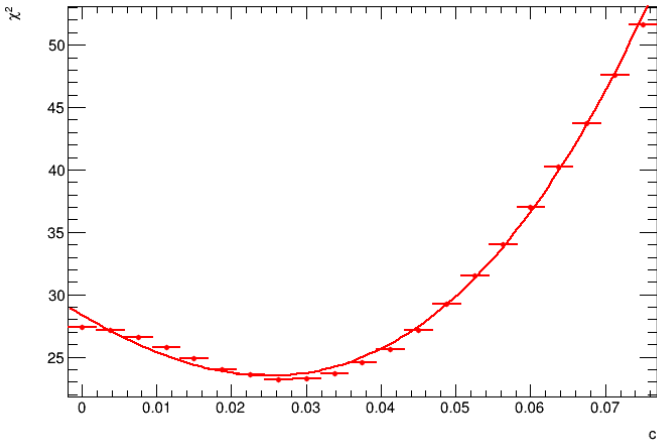
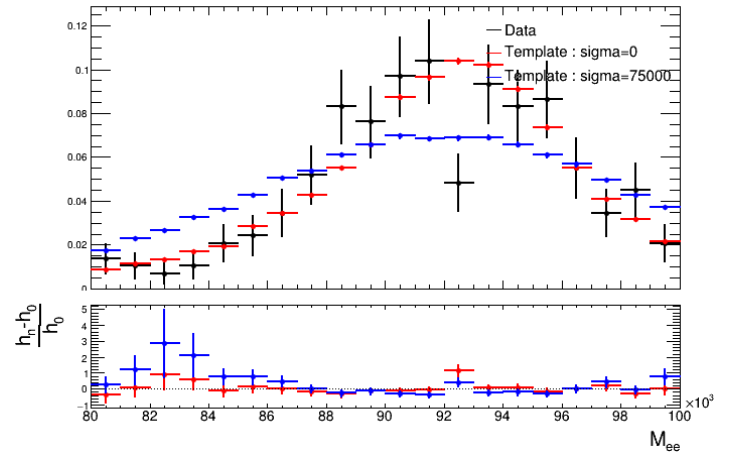
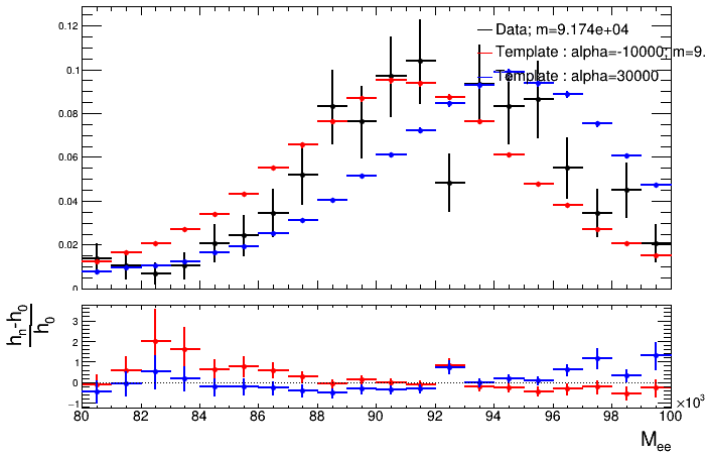
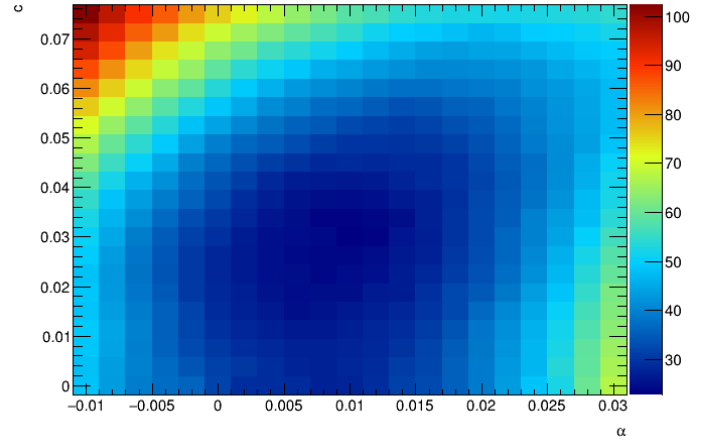
MCEvents : 68874

DataEvents : 346

ThresholdMass : 54.3123

$$\alpha_{ij} = 0.00844829 \pm 0.00367657$$

$$\sigma_{ij} = 0.0252014 \pm 0.0102502$$



Results

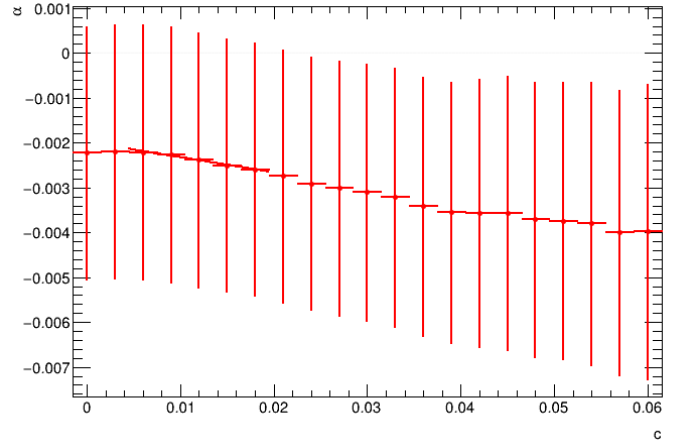
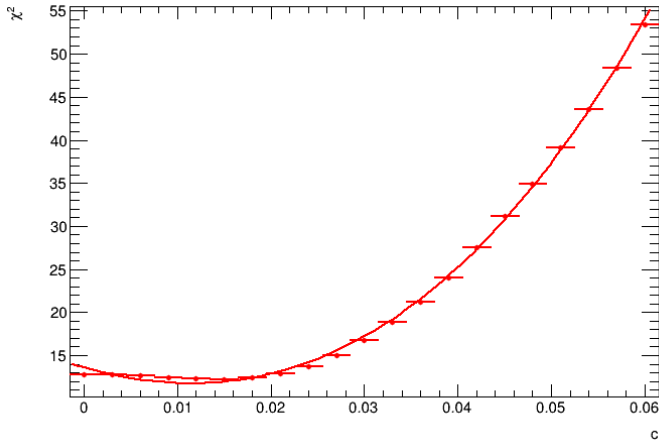
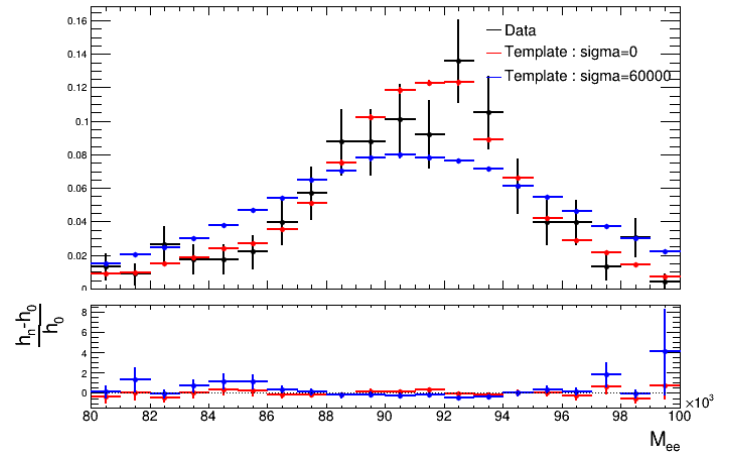
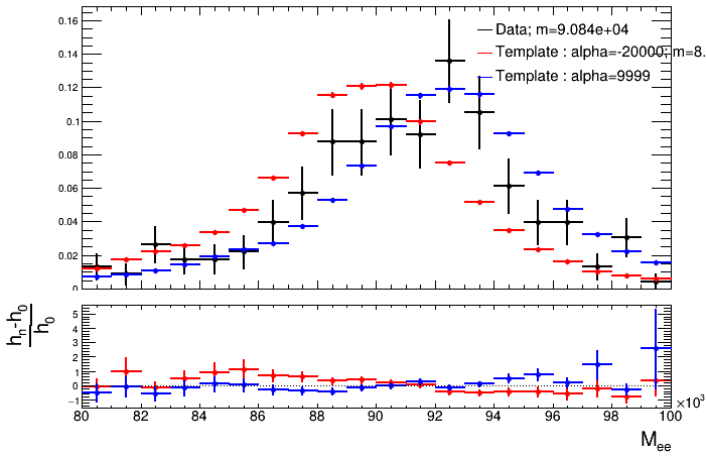
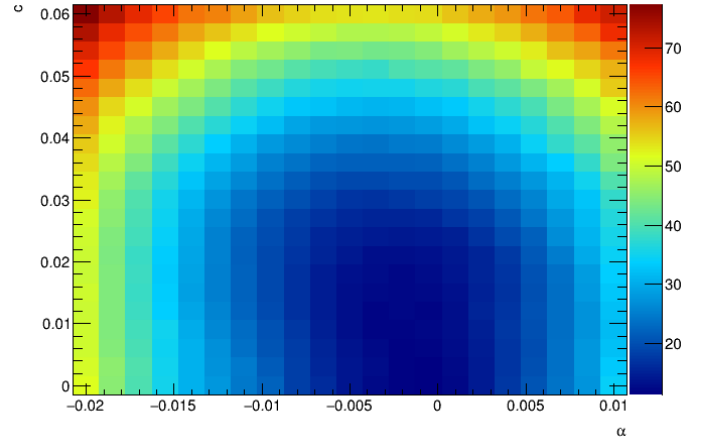
MCEvents : 47052

DataEvents : 261

ThresholdMass : 54

$$\alpha_{ij} = -0.00237572 \pm 0.00284063$$

$$\sigma_{ij} = 0.0115432 \pm 0.00812896$$



Results

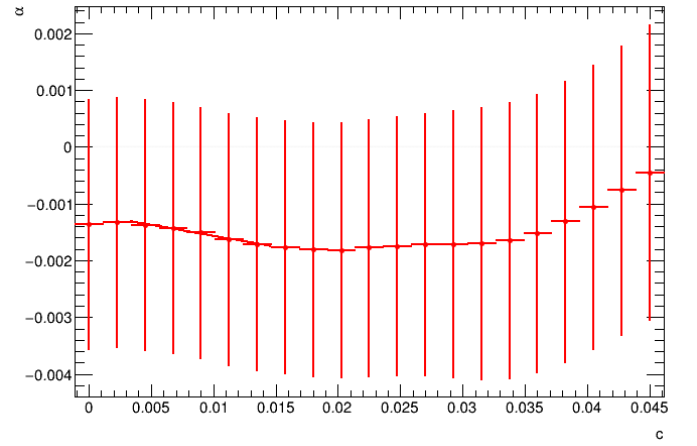
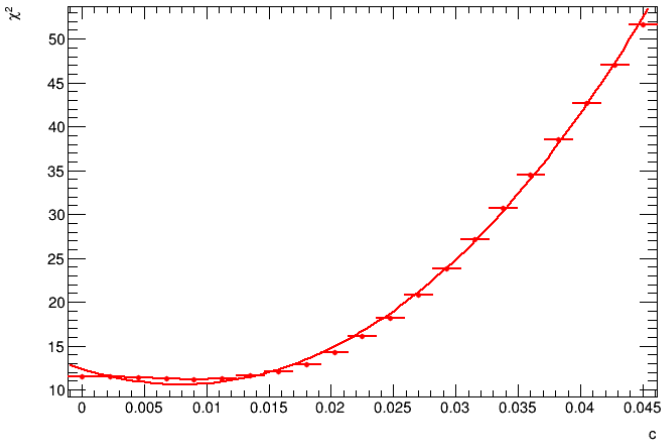
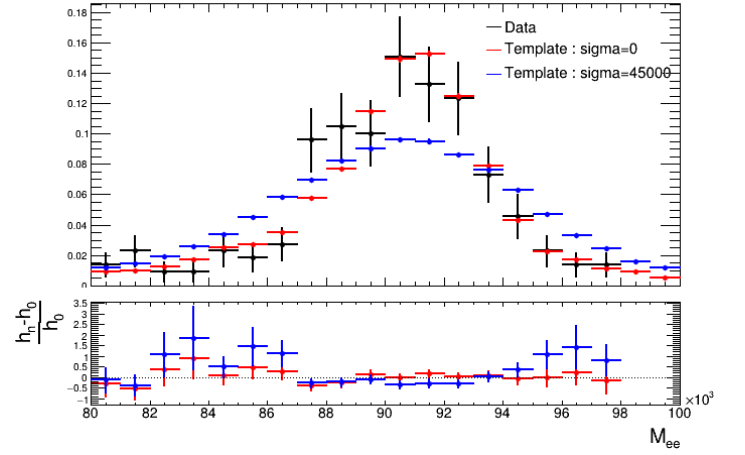
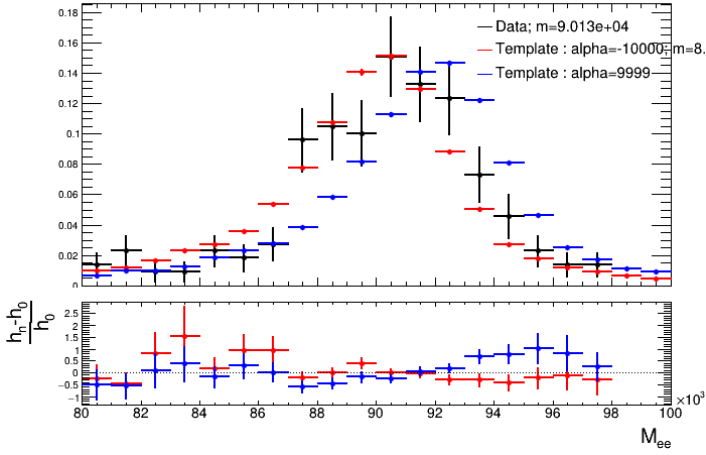
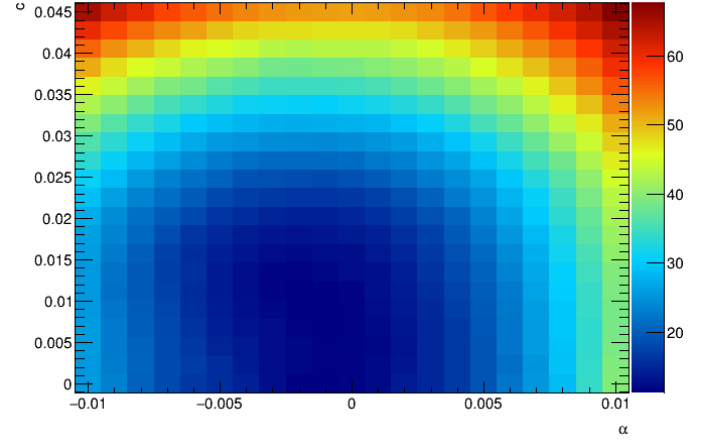
MCEvents : 50706

DataEvents : 238

ThresholdMass : 67.7791

$$\alpha_{ij} = -0.00149176 \pm 0.00221325$$

$$\sigma_{ij} = 0.00803744 \pm 0.00595583$$



143 ChiMatrix_21_15

Results

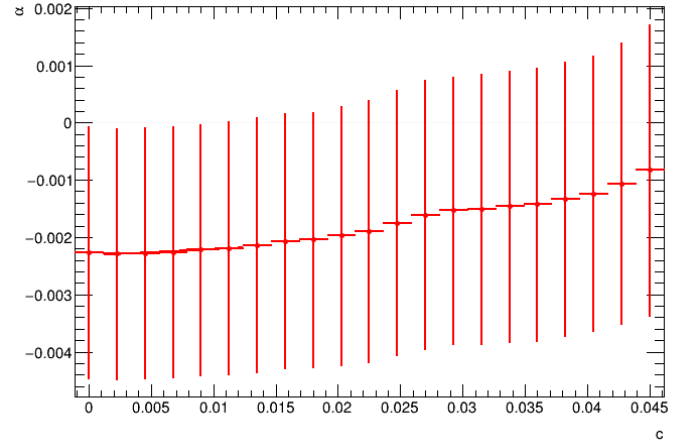
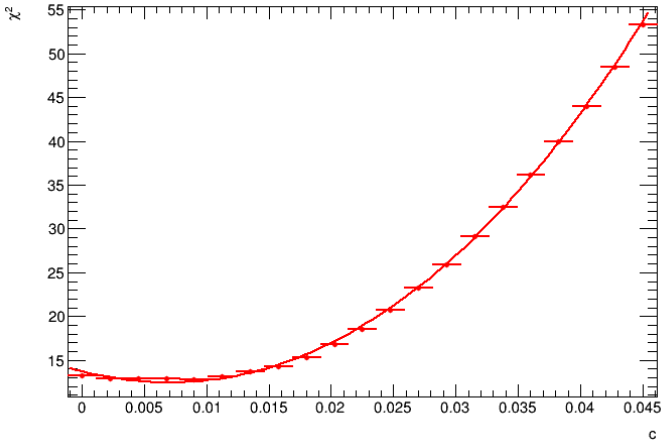
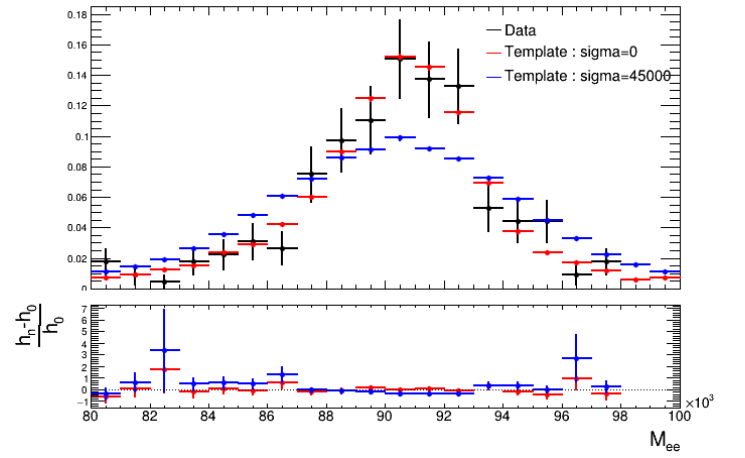
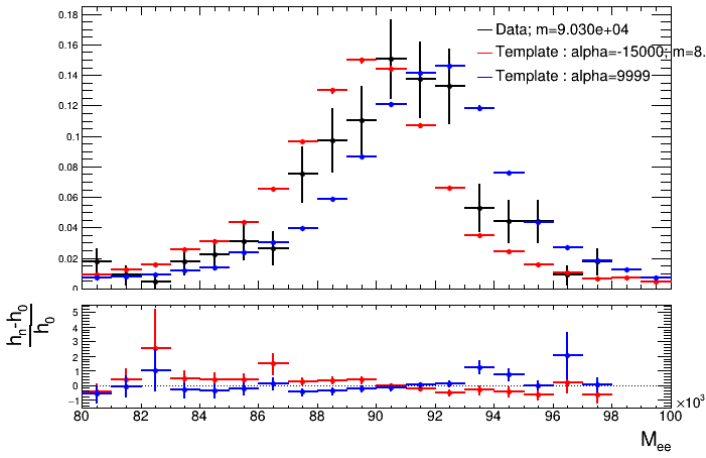
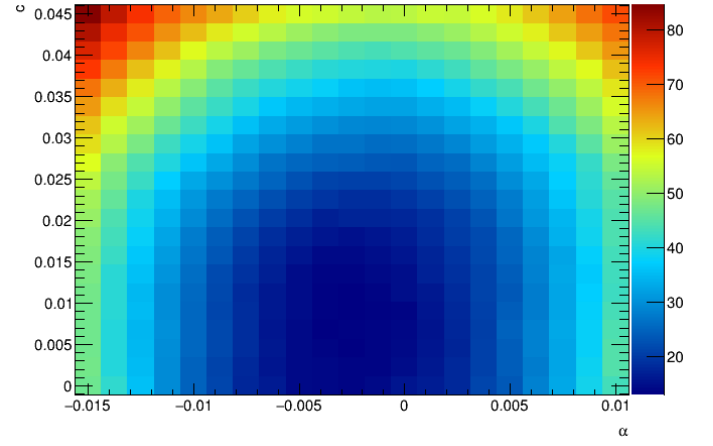
MCEvents : 55692

DataEvents : 250

ThresholdMass : 64.0151

$$\alpha_{ij} = -0.00224189 \pm 0.00219339$$

$$\sigma_{ij} = 0.00704401 \pm 0.00617796$$



Results

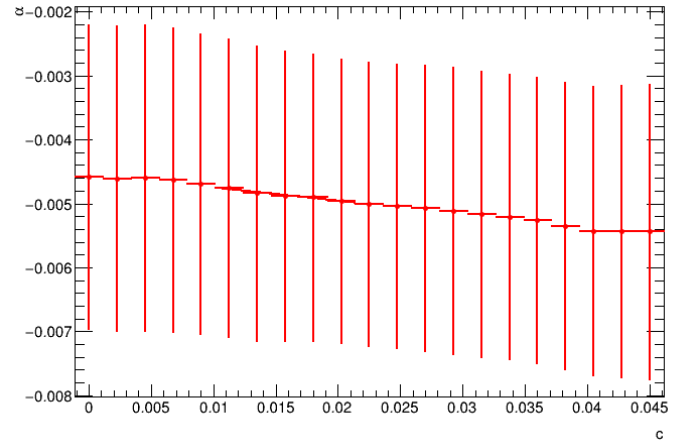
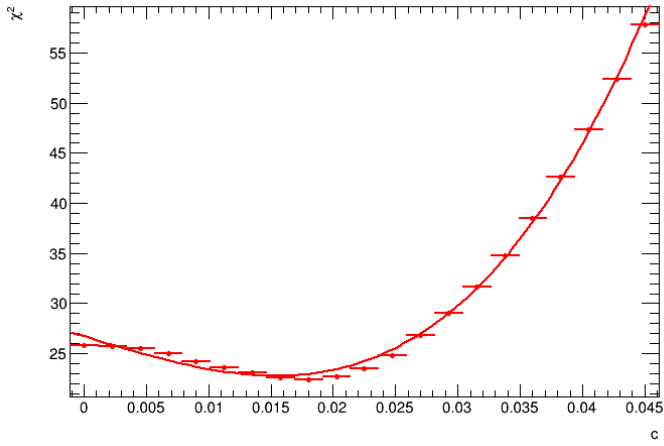
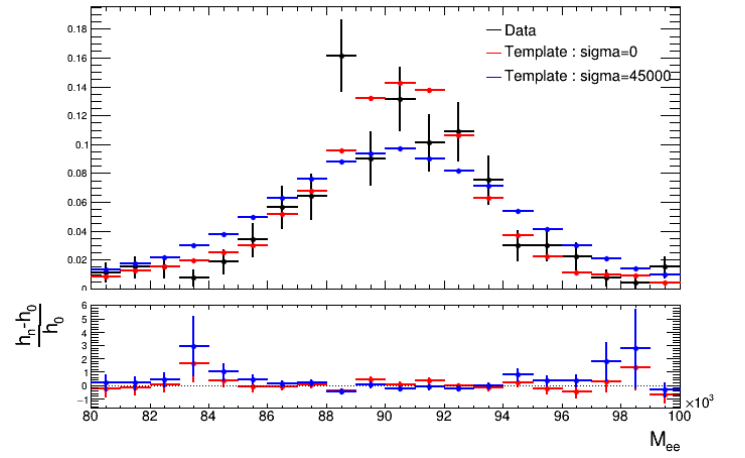
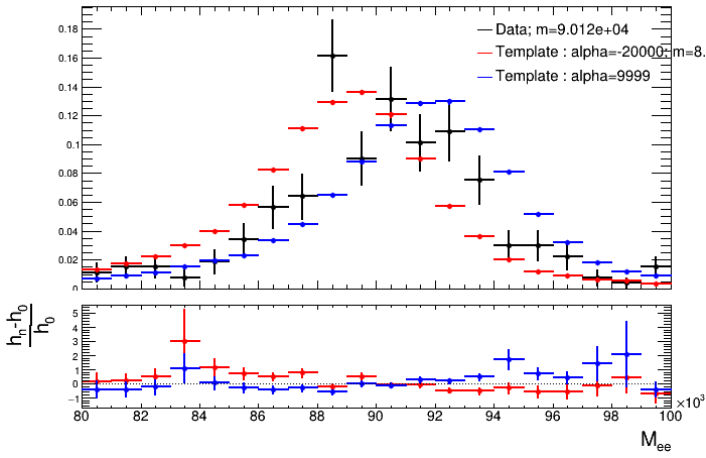
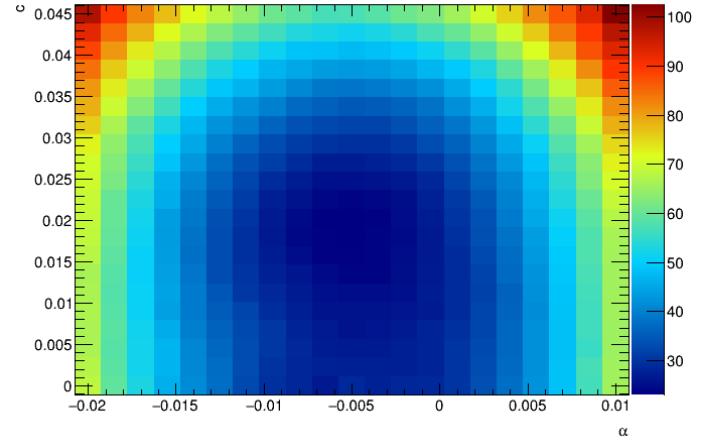
MCEvents : 57168

DataEvents : 285

ThresholdMass : 60.8918

$$\alpha_{ij} = -0.00486234 \pm 0.00227153$$

$$\sigma_{ij} = 0.0154661 \pm 0.00595438$$



Results

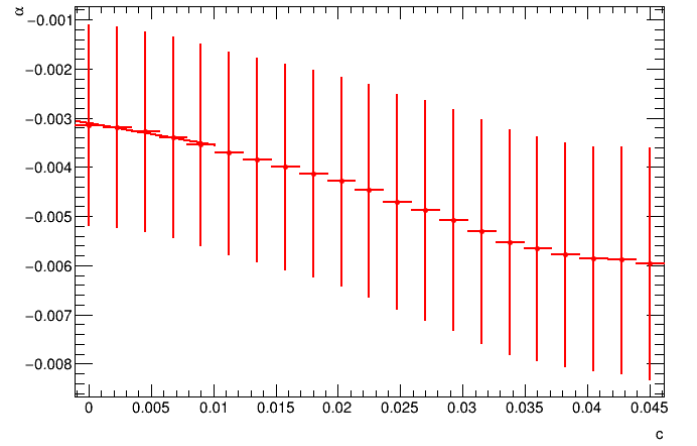
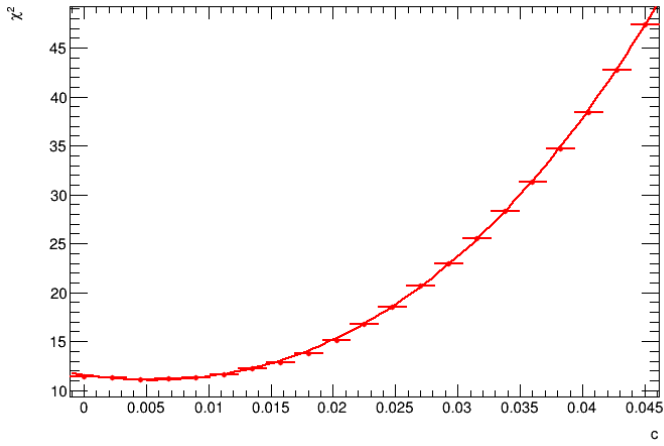
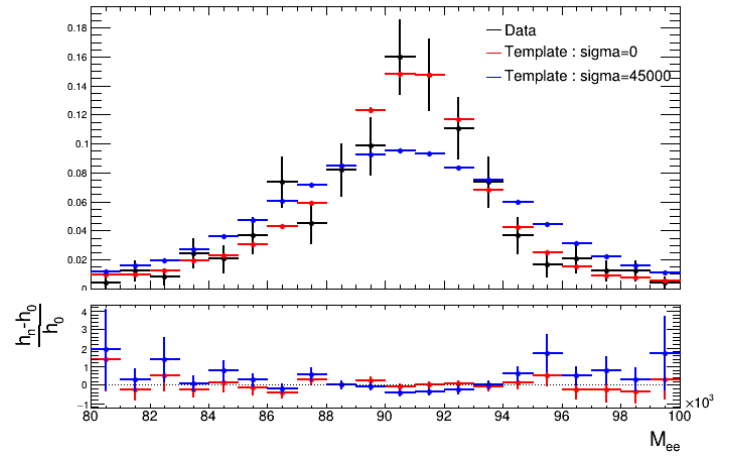
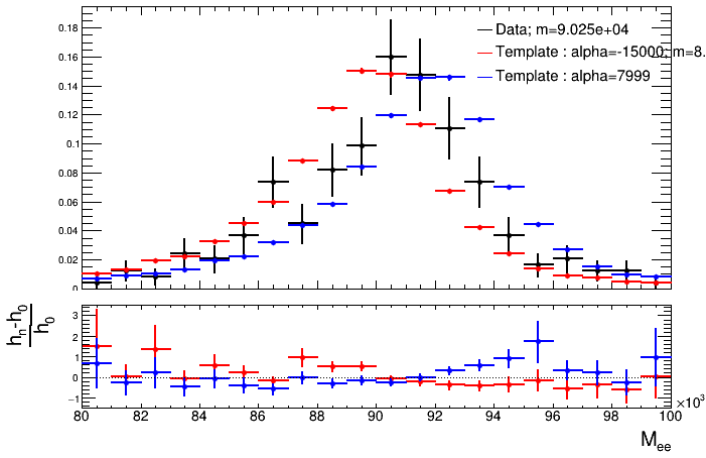
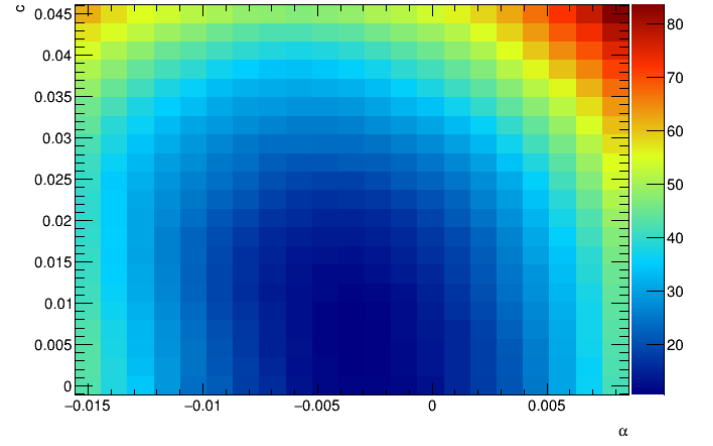
MCEvents : 59226

DataEvents : 273

ThresholdMass : 58.3779

$$\alpha_{ij} = -0.00335444 \pm 0.00203279$$

$$\sigma_{ij} = 0.00555393 \pm 0.00734459$$



Results

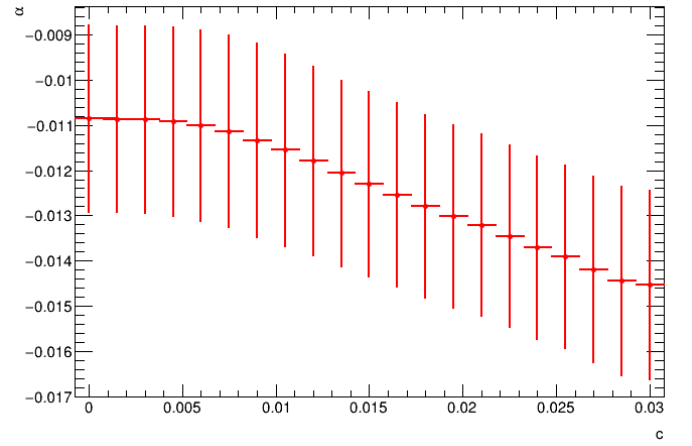
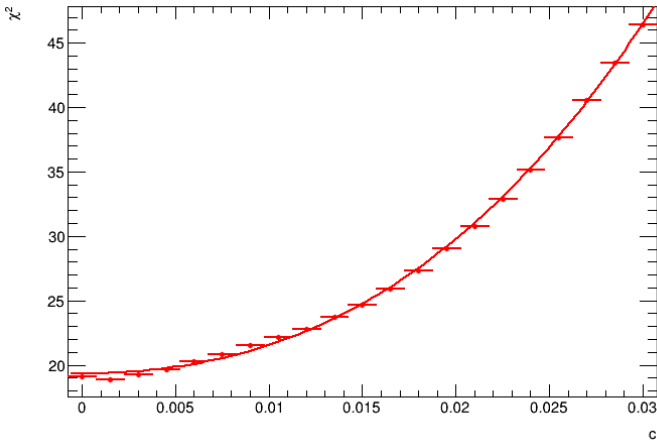
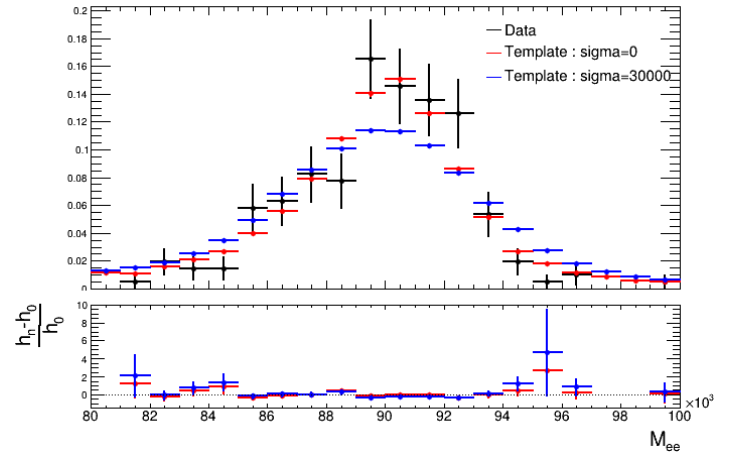
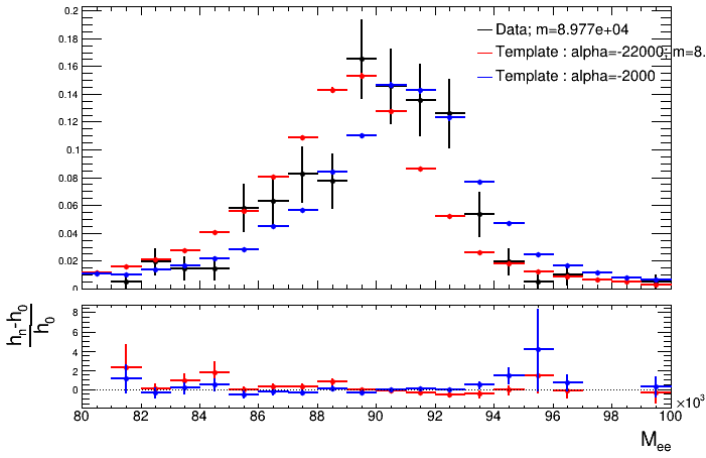
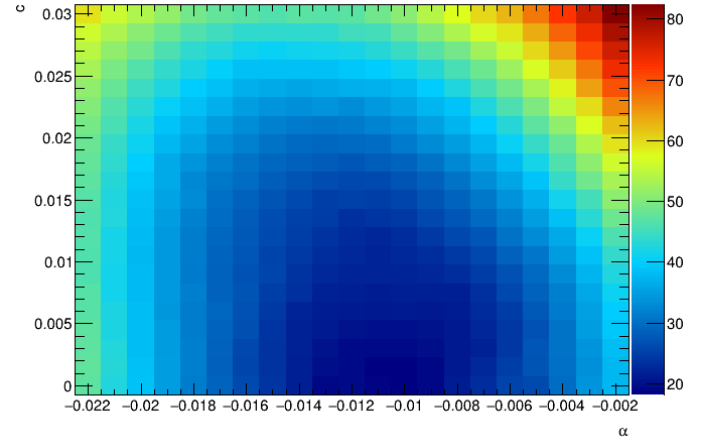
MCEvents : 48936

DataEvents : 235

ThresholdMass : 56.5732

$$\alpha_{ij} = -0.0108499 \pm 0.00207221$$

$$\sigma_{ij} = 1.96779e - 14 \pm 0.00697055$$



Results

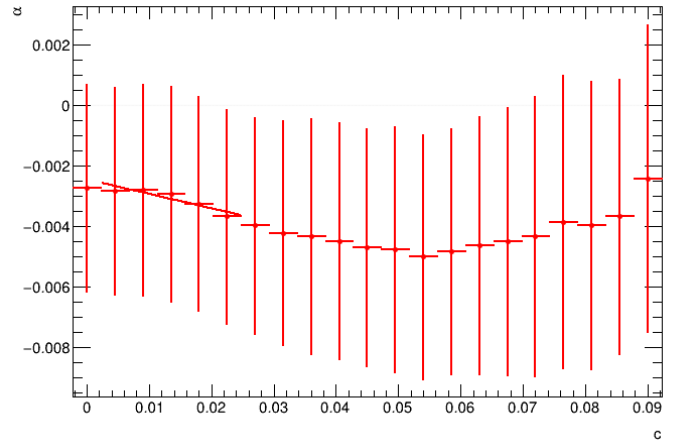
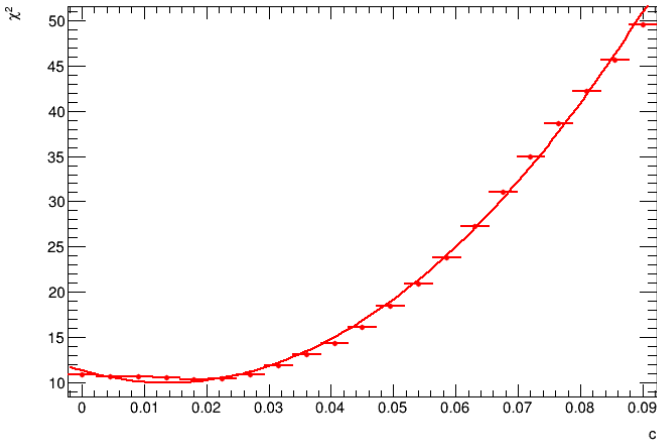
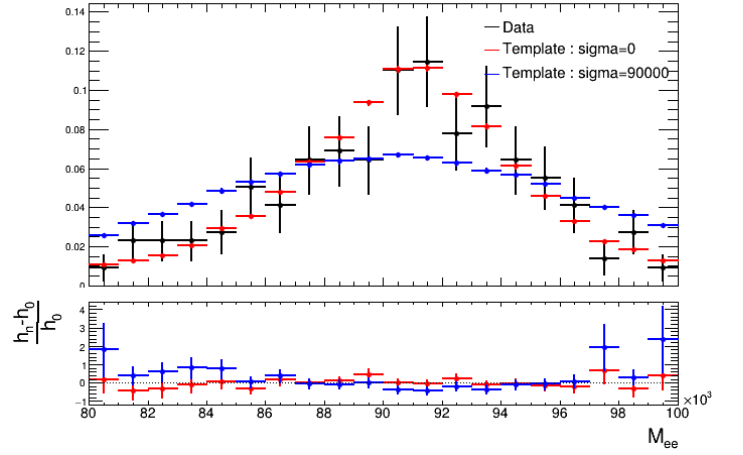
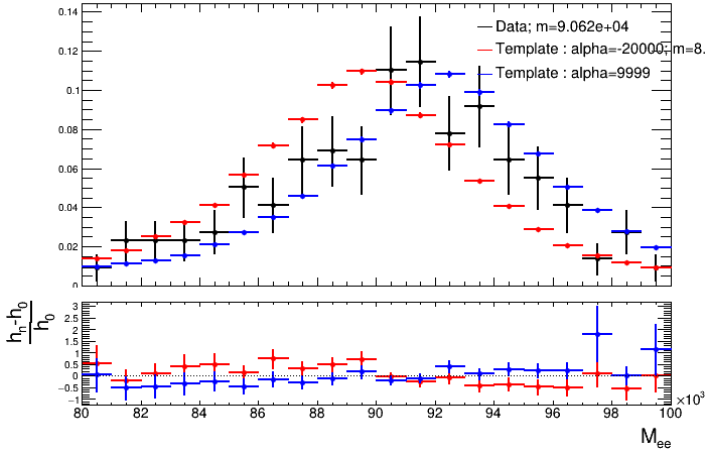
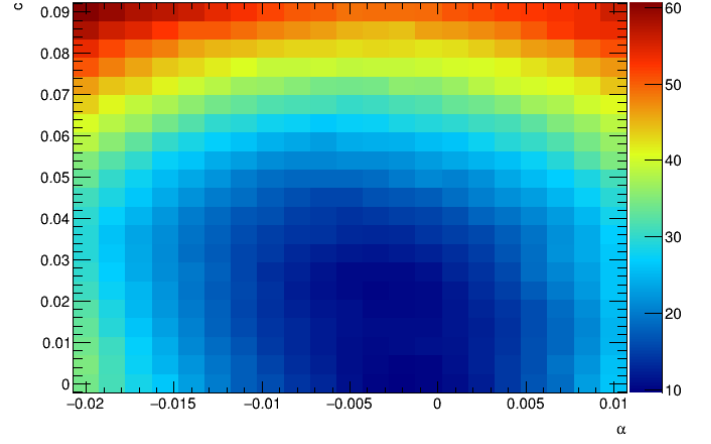
MCEvents : 50694

DataEvents : 248

ThresholdMass : 55.3121

$$\alpha_{ij} = -0.00313011 \pm 0.00356343$$

$$\sigma_{ij} = 0.0139329 \pm 0.0119024$$



Results

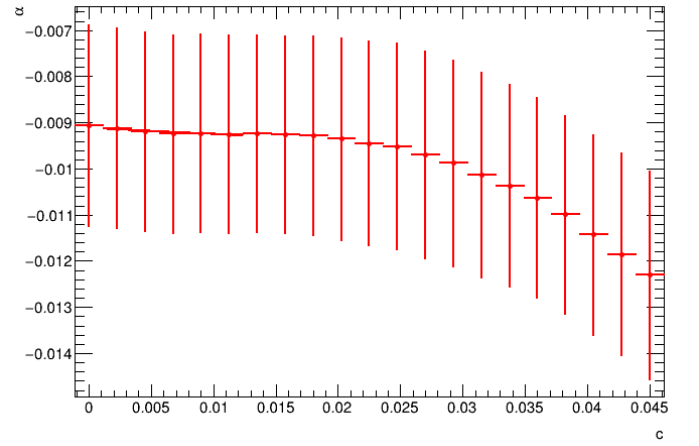
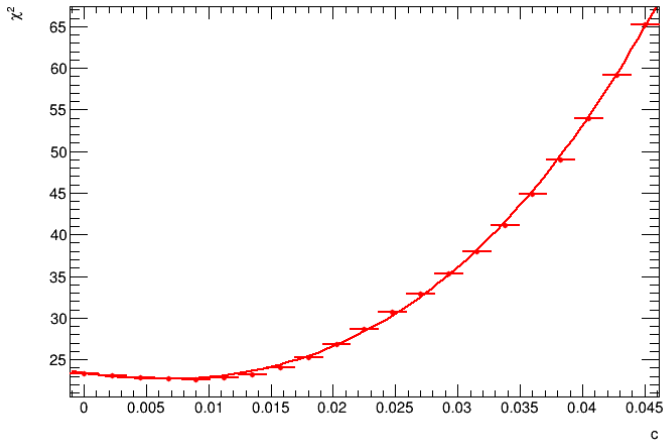
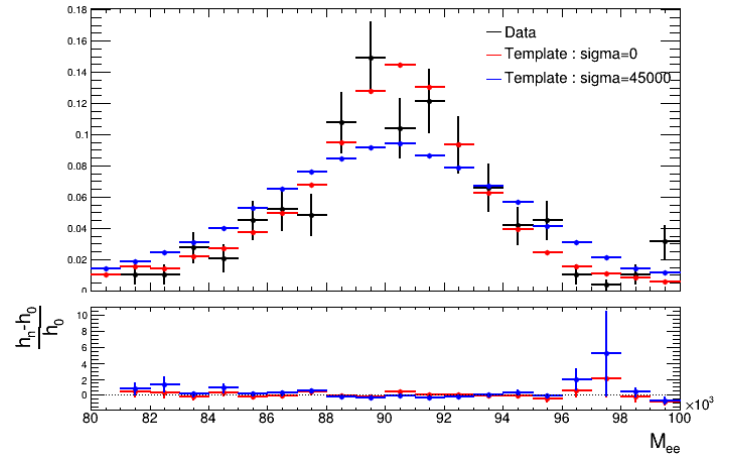
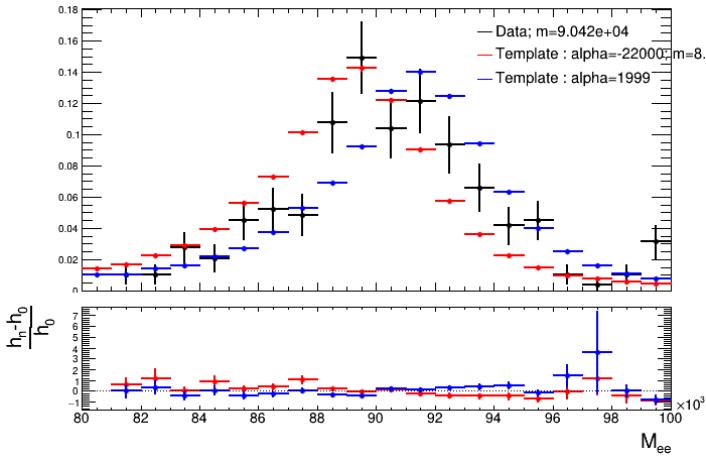
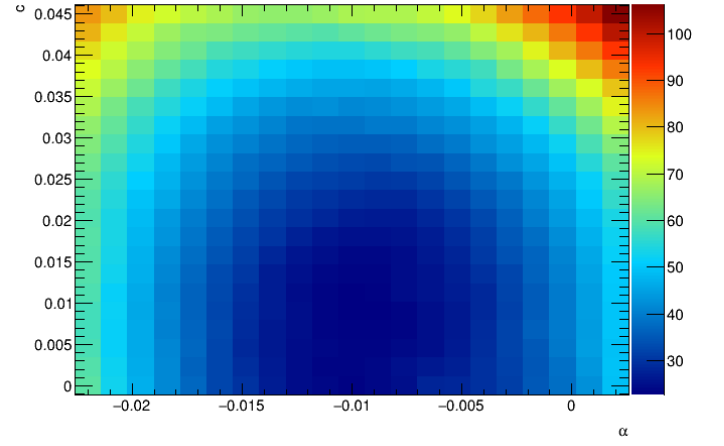
MCEvents : 69948

DataEvents : 324

ThresholdMass : 54.3421

$$\alpha_{ij} = -0.0092042 \pm 0.00215425$$

$$\sigma_{ij} = 0.00658249 \pm 0.00711012$$



Results

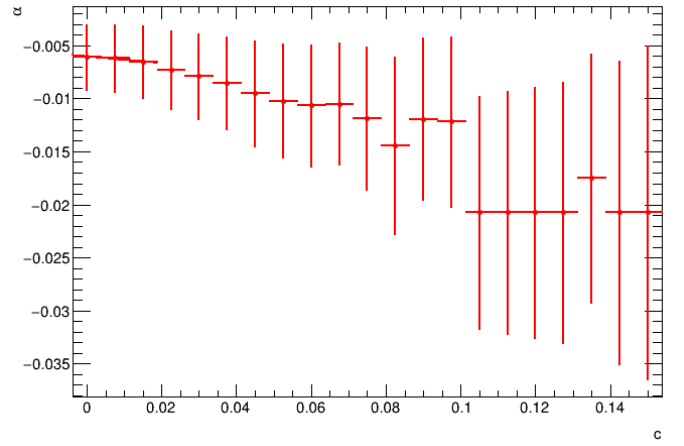
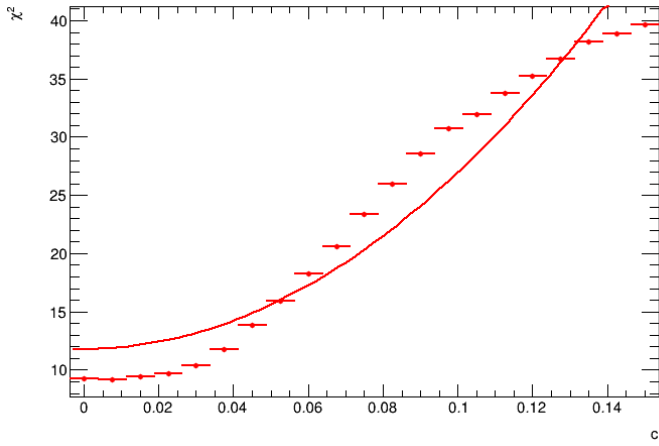
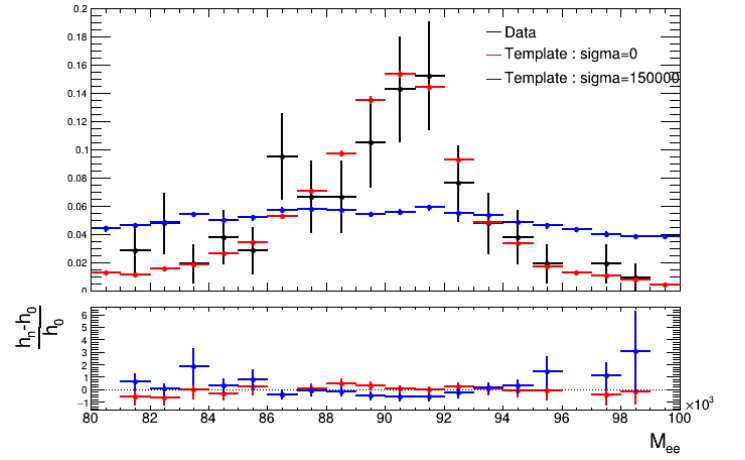
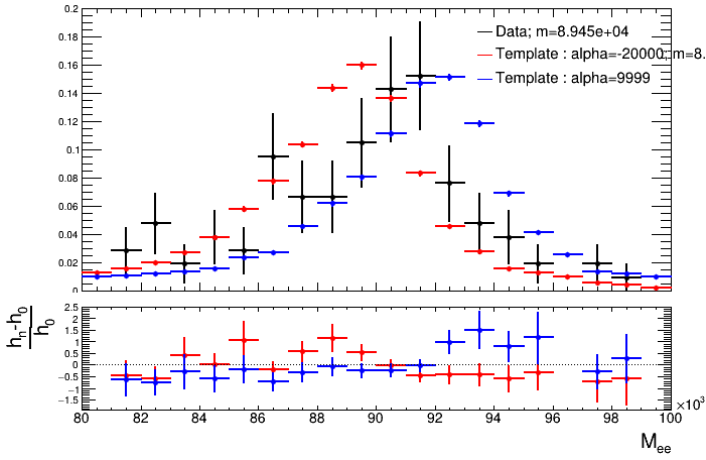
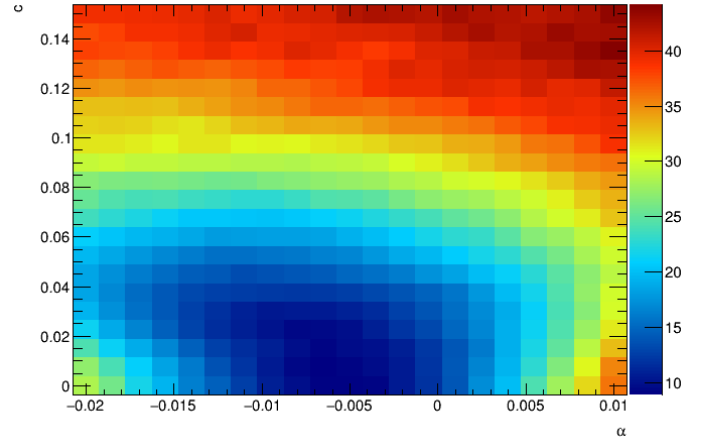
MCEvents : 26568

DataEvents : 116

ThresholdMass : 54

$$\alpha_{ij} = -0.00614753 \pm 0.0030842$$

$$\sigma_{ij} = 0 \pm 0.0257314$$



Results

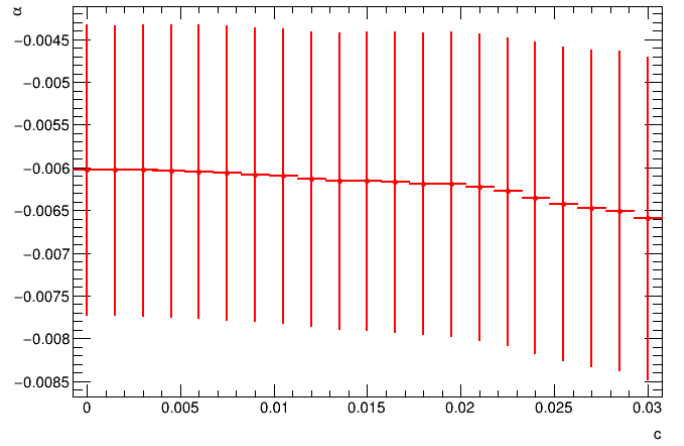
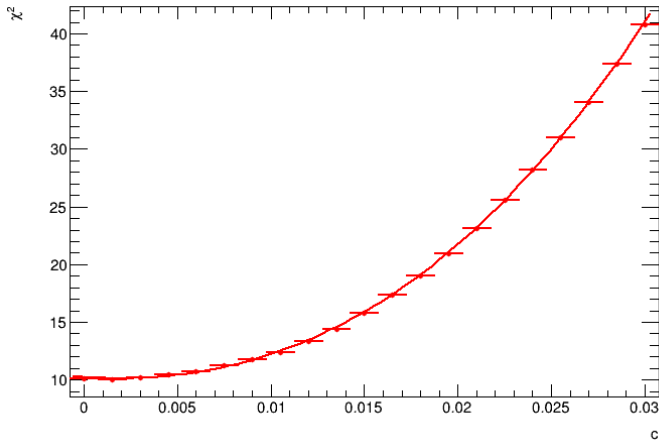
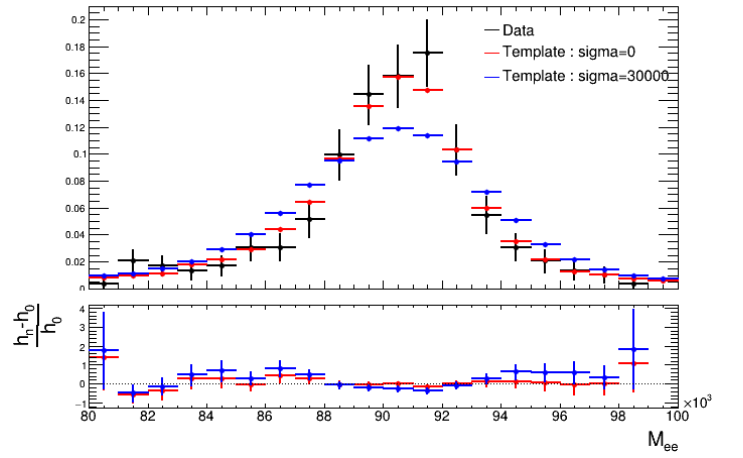
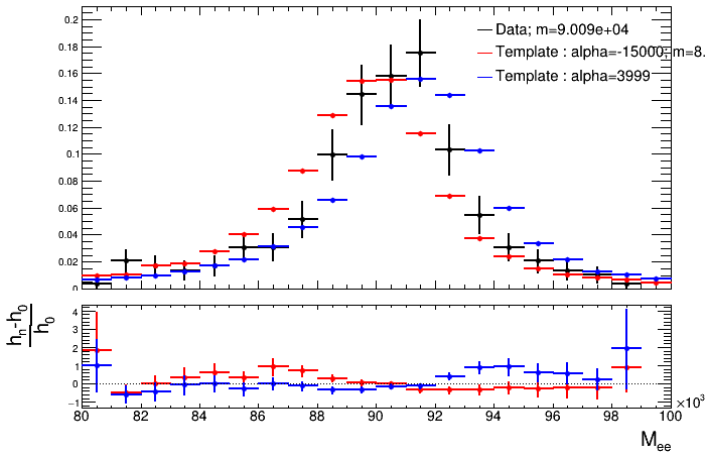
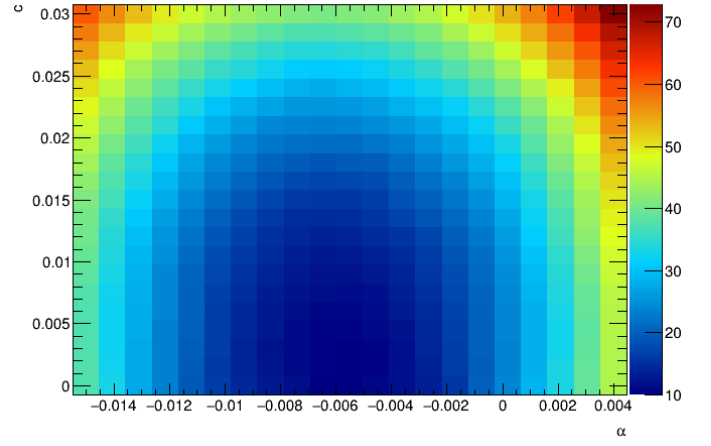
MCEvents : 71076

DataEvents : 316

ThresholdMass : 68.8245

$$\alpha_{ij} = -0.00602932 \pm 0.00169532$$

$$\sigma_{ij} = 0.00192441 \pm 0.00571093$$



Results

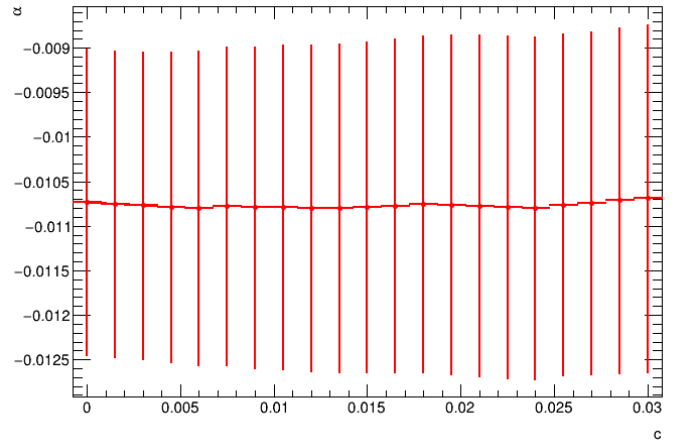
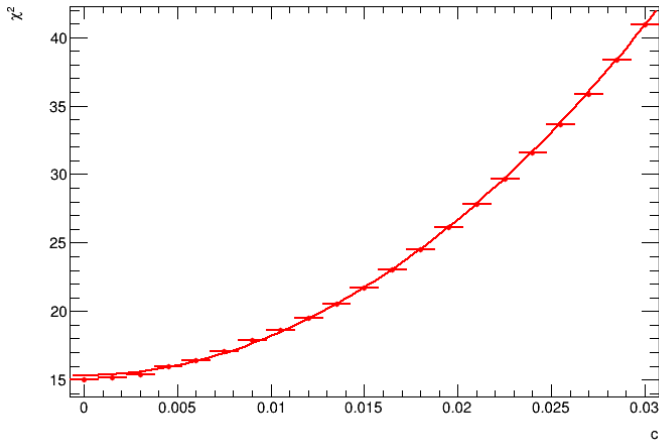
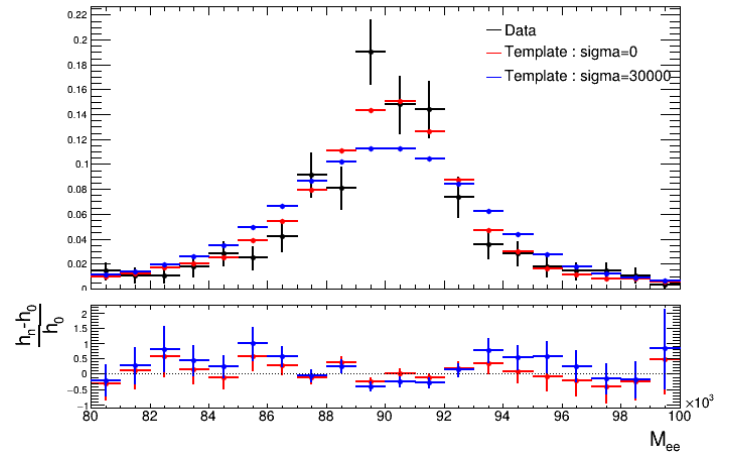
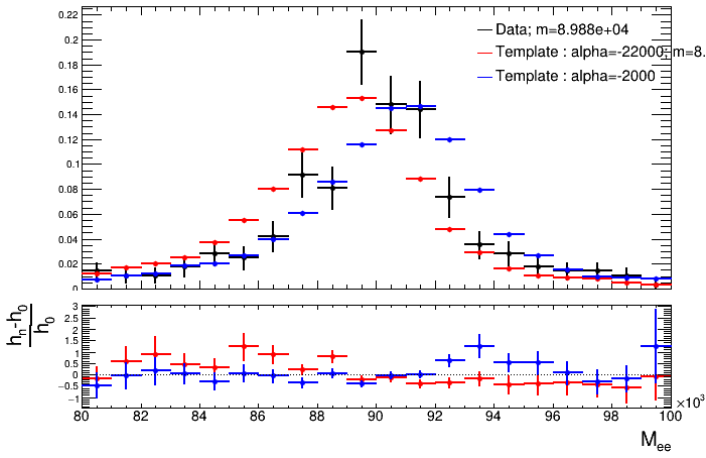
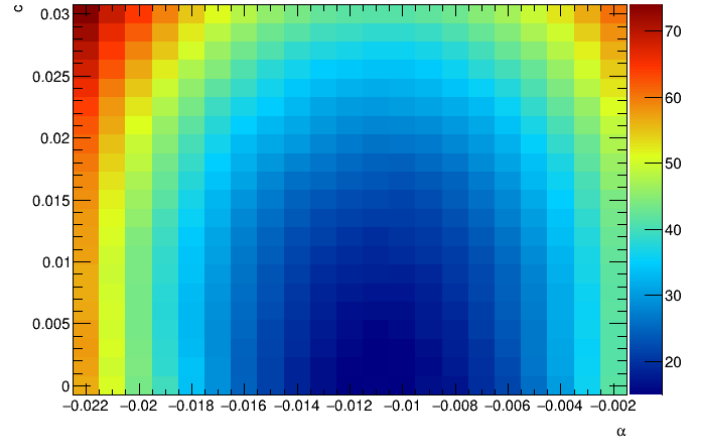
MCEvents : 75906

DataEvents : 323

ThresholdMass : 64.8947

$$\alpha_{ij} = -0.0107423 \pm 0.00172374$$

$$\sigma_{ij} = 0 \pm 0.00594205$$



Results

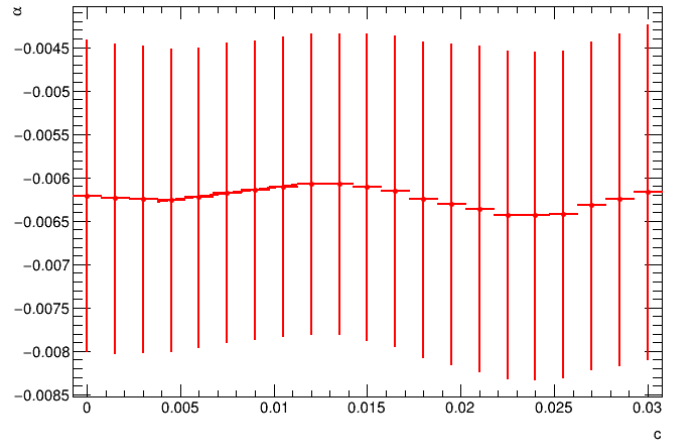
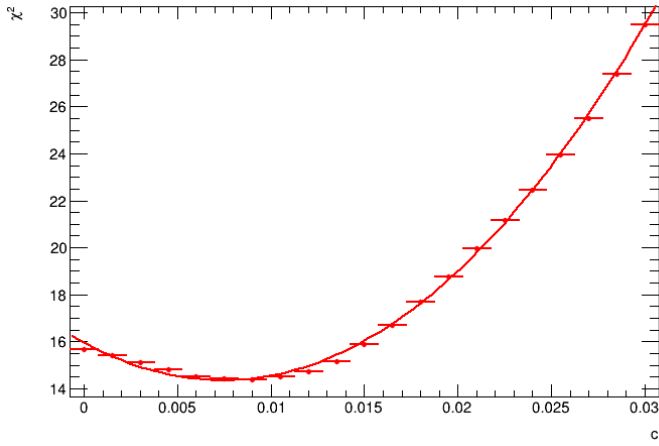
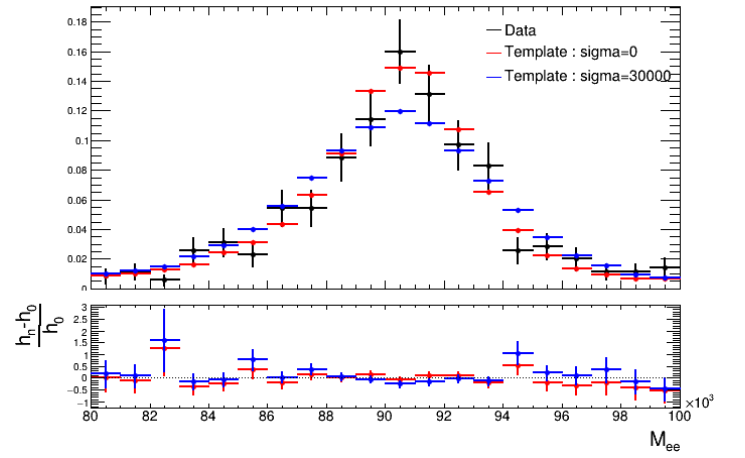
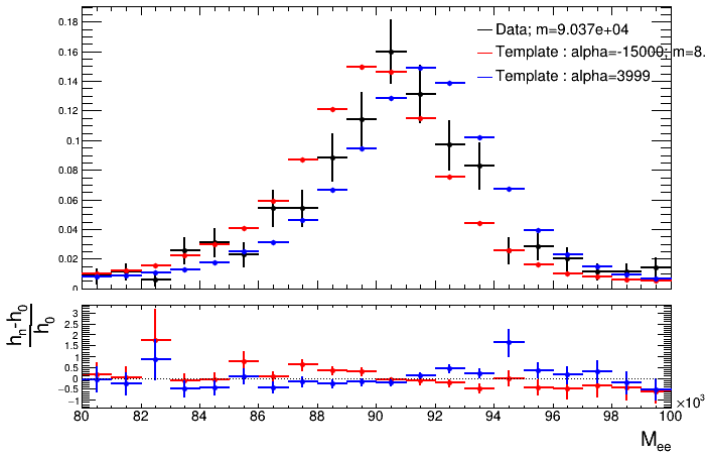
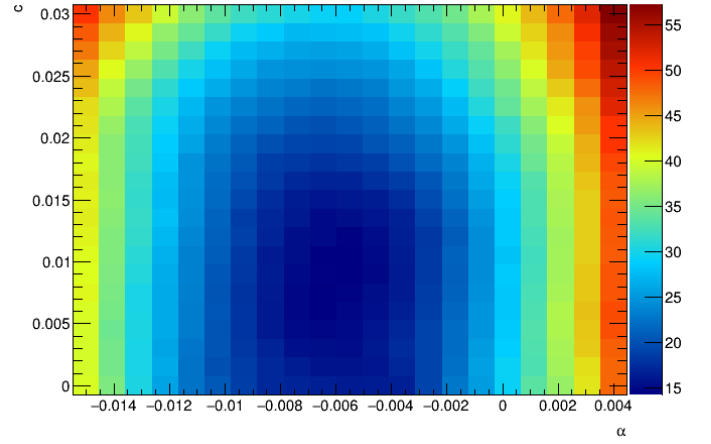
MCEvents : 80130

DataEvents : 402

ThresholdMass : 61.6144

$$\alpha_{ij} = -0.00618328 \pm 0.00172636$$

$$\sigma_{ij} = 0.00746249 \pm 0.0058503$$



153 ChiMatrix_22_18

Results

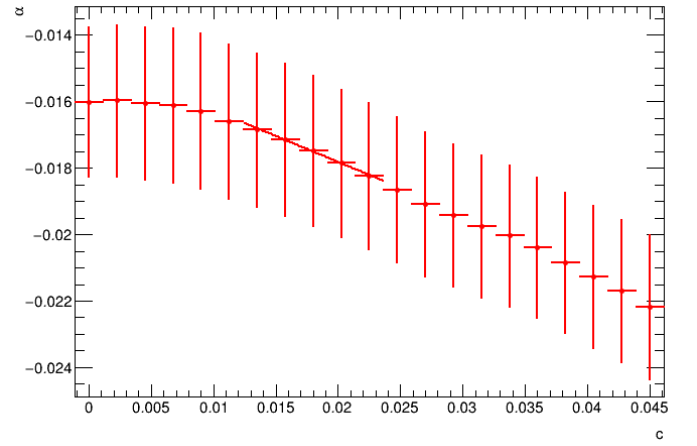
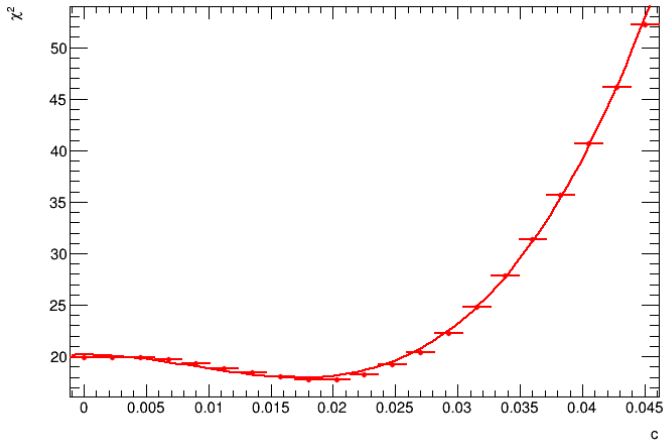
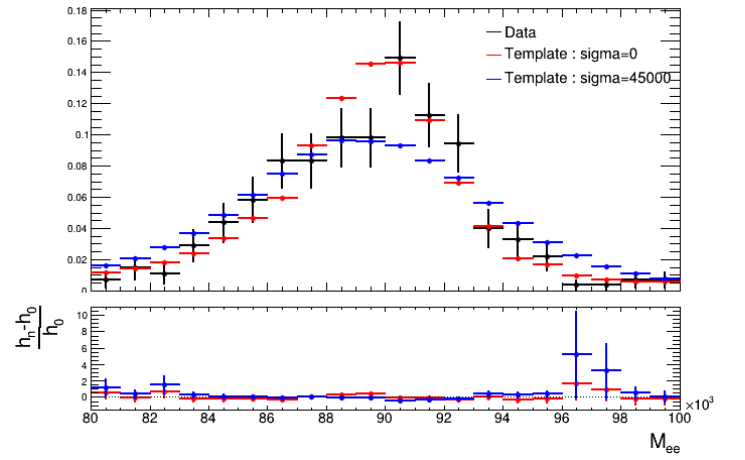
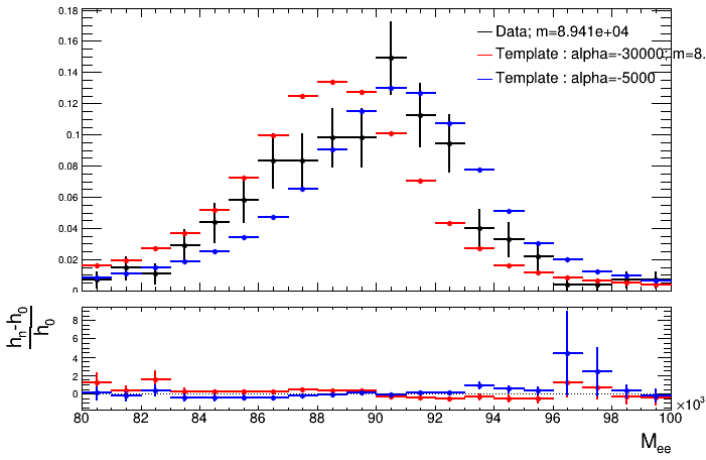
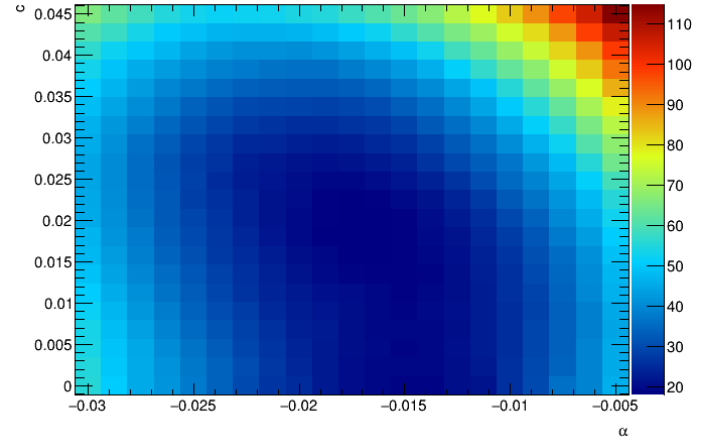
MCEvents : 67842

DataEvents : 315

ThresholdMass : 59.1297

$$\alpha_{ij} = -0.0174225 \pm 0.0022654$$

$$\sigma_{ij} = 0.01743 \pm 0.00603533$$



Results

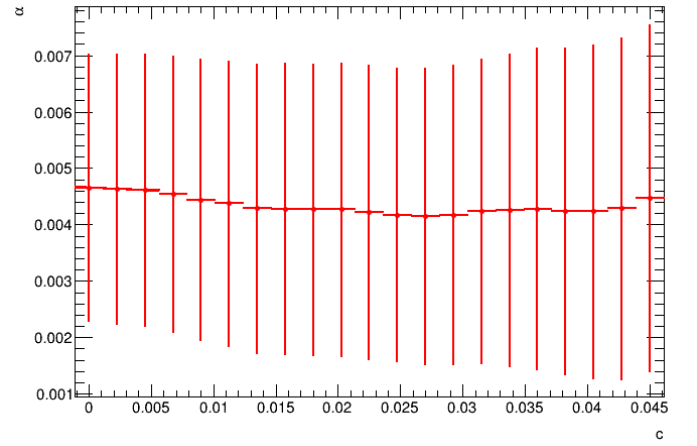
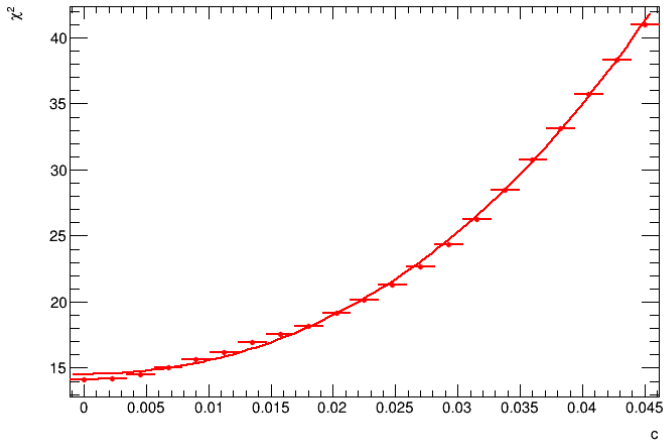
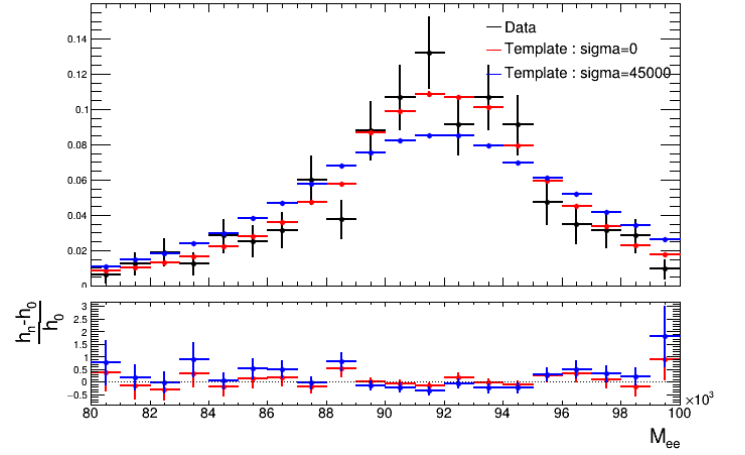
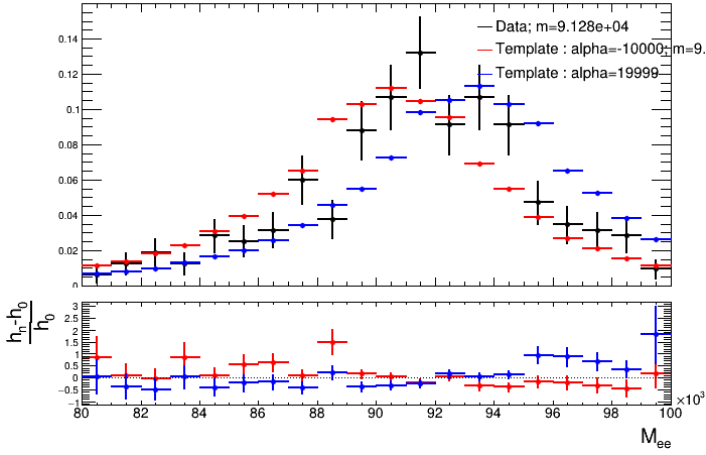
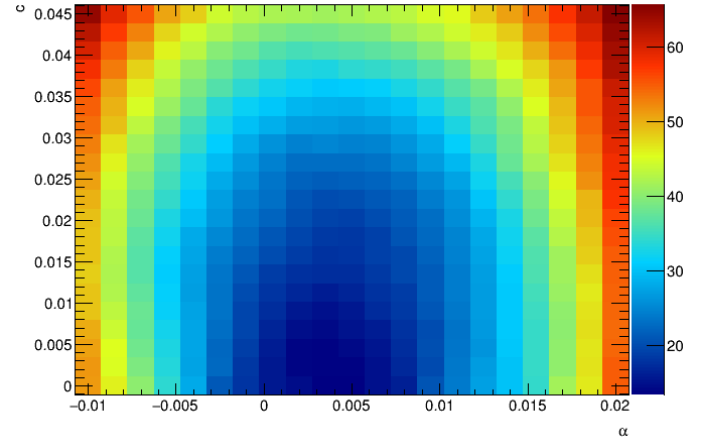
MCEvents : 72114

DataEvents : 388

ThresholdMass : 57.2457

$$\alpha_{ij} = 0.004658 \pm 0.00237492$$

$$\sigma_{ij} = 2.06142e - 13 \pm 0.00992656$$



Results

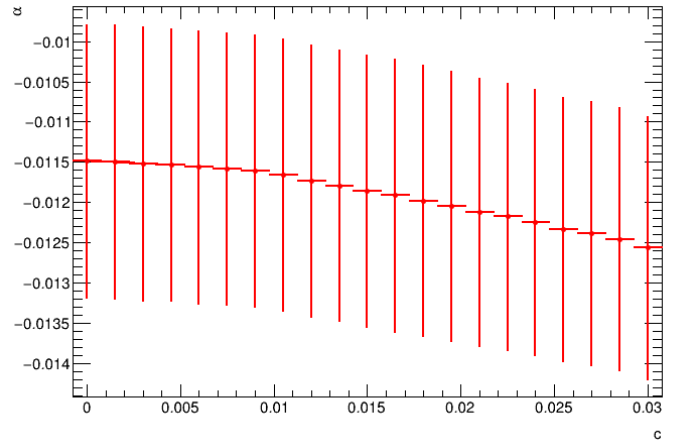
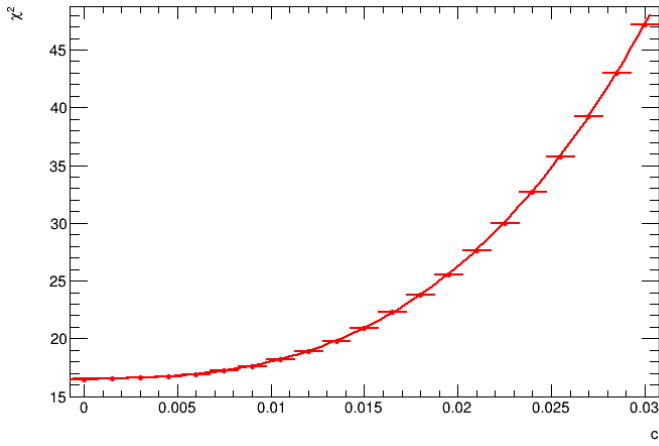
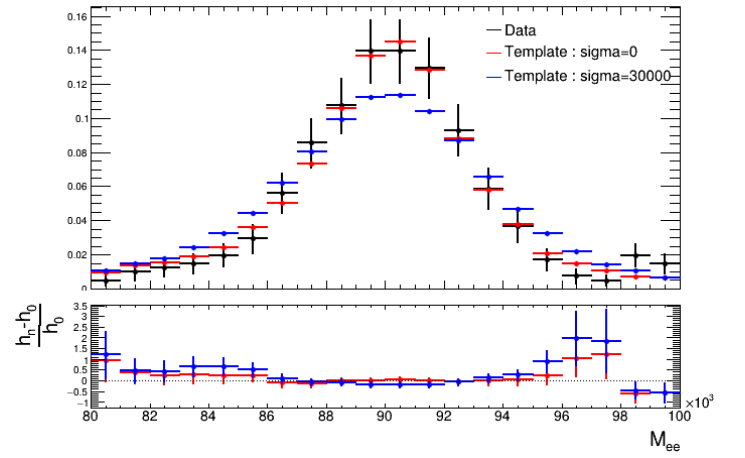
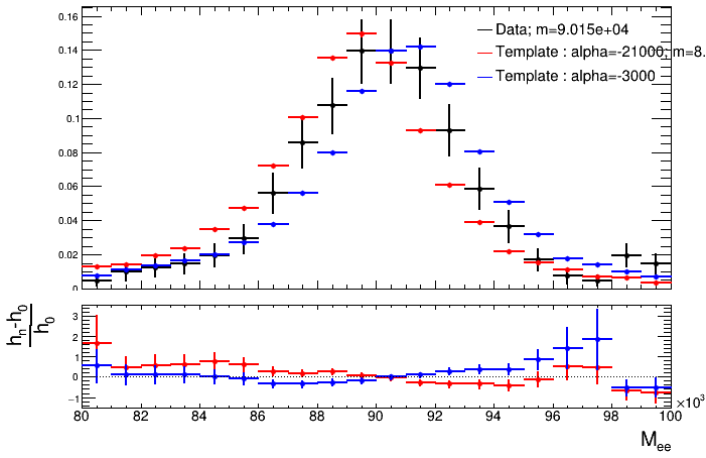
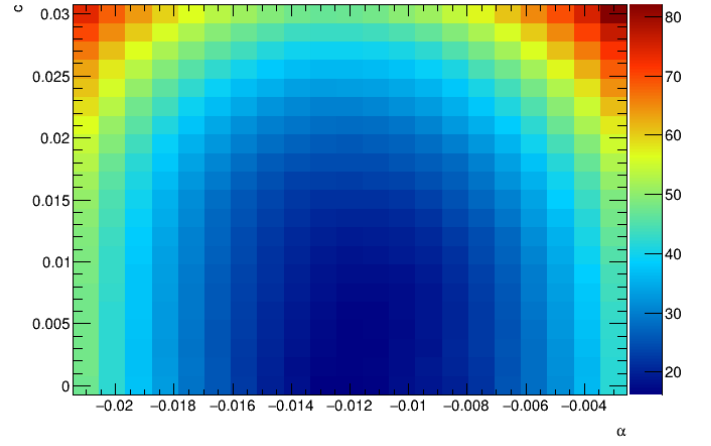
MCEvents : 97902

DataEvents : 451

ThresholdMass : 55.5301

$$\alpha_{ij} = -0.0114862 \pm 0.00169895$$

$$\sigma_{ij} = 3.2912e - 12 \pm 0.008716$$



Results

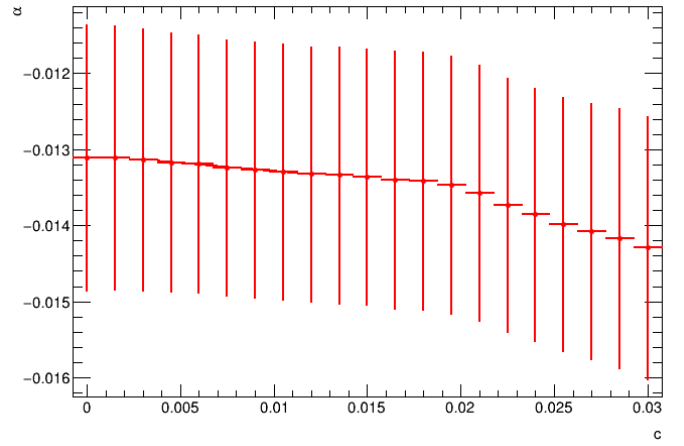
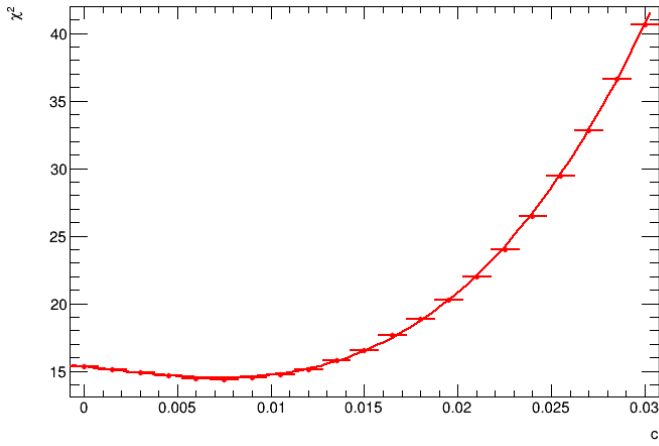
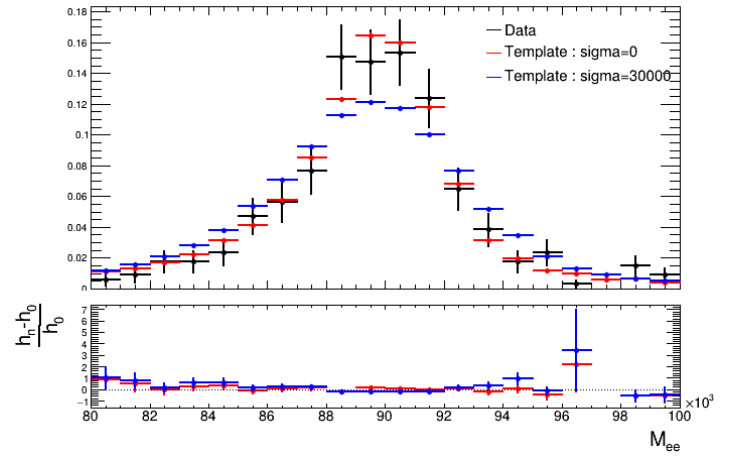
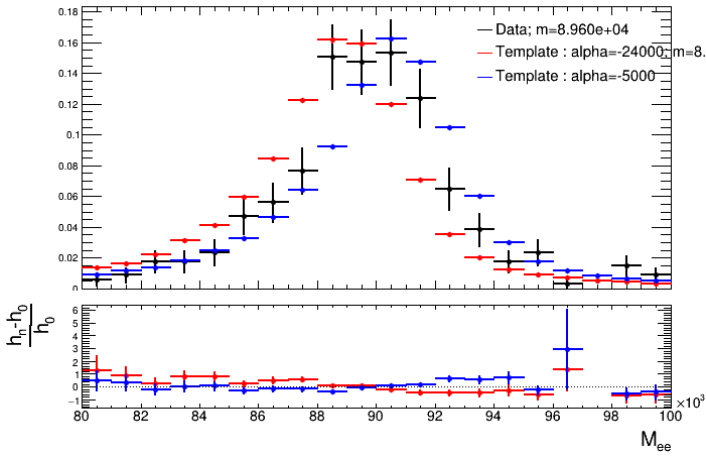
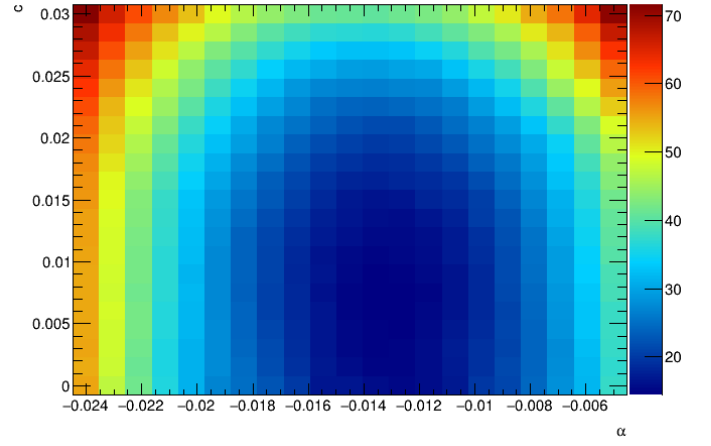
MCEvents : 74058

DataEvents : 378

ThresholdMass : 54.4224

$$\alpha_{ij} = -0.0132277 \pm 0.00168564$$

$$\sigma_{ij} = 0.00728692 \pm 0.00573402$$



Results

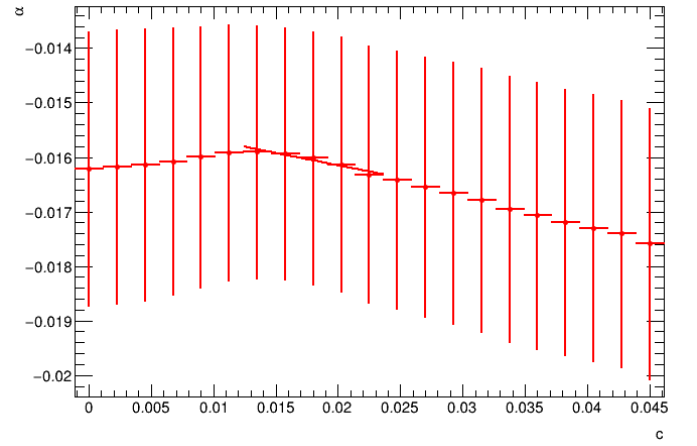
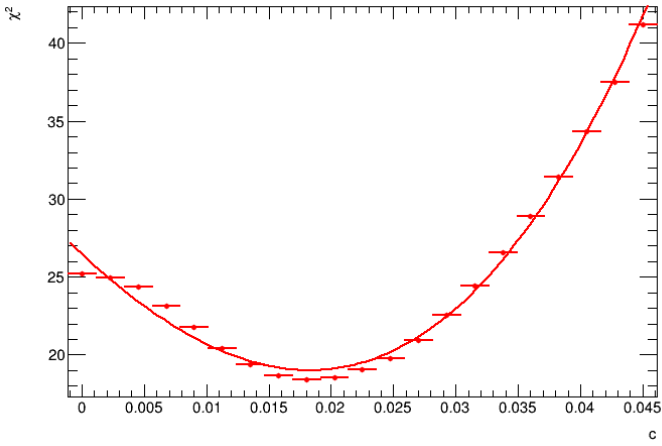
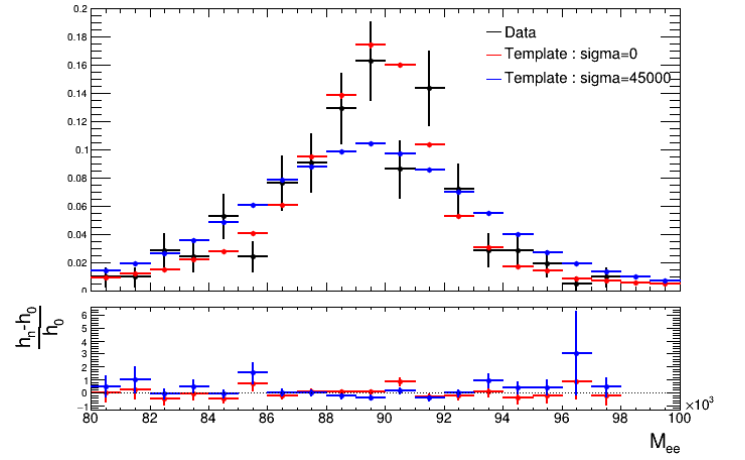
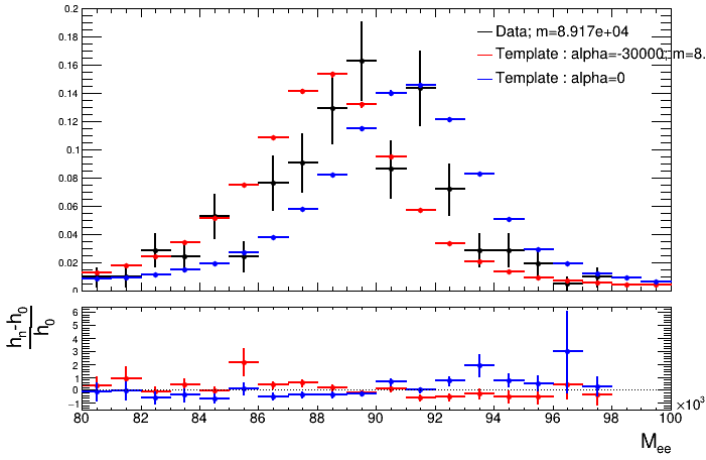
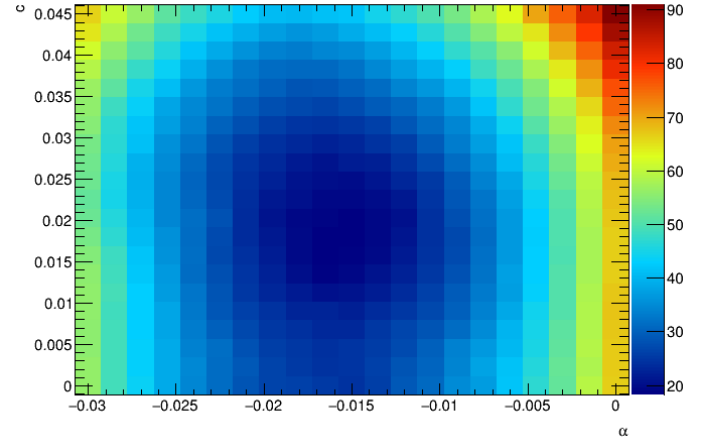
MCEvents : 53304

DataEvents : 228

ThresholdMass : 54

$$\alpha_{ij} = -0.0160737 \pm 0.00232734$$

$$\sigma_{ij} = 0.0182819 \pm 0.00603969$$



Results

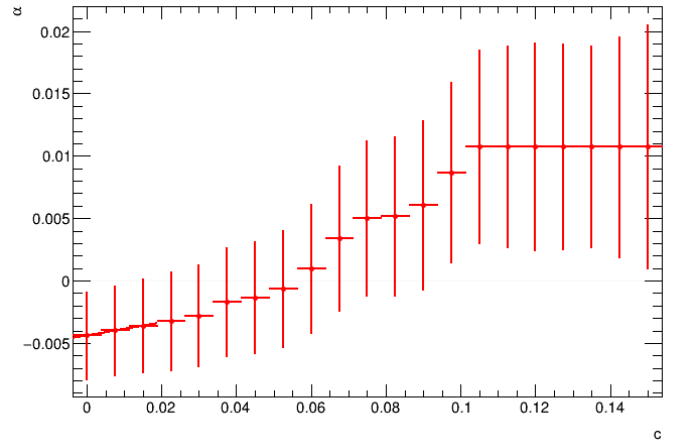
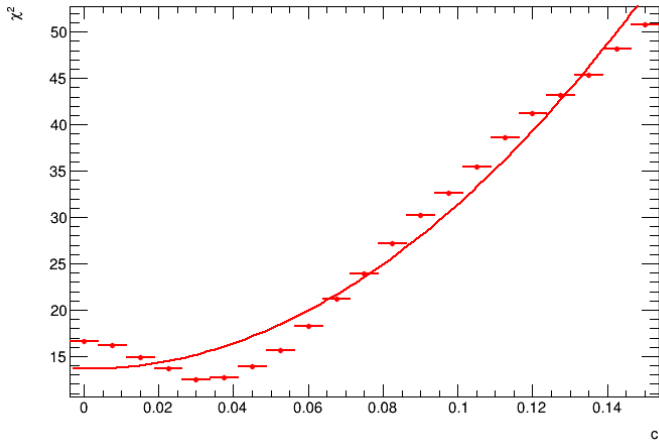
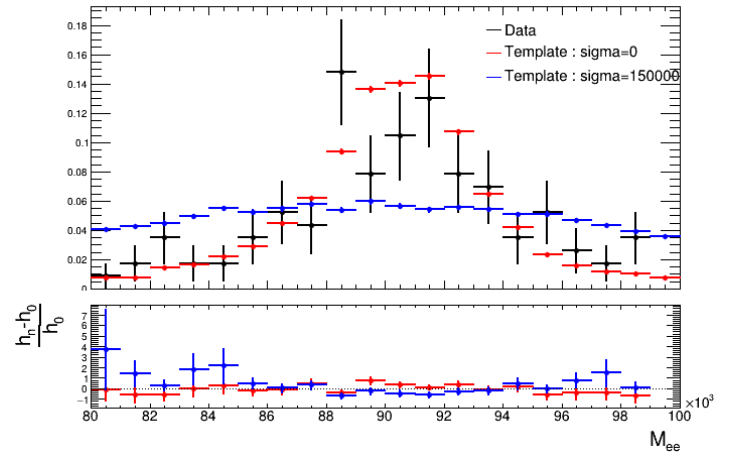
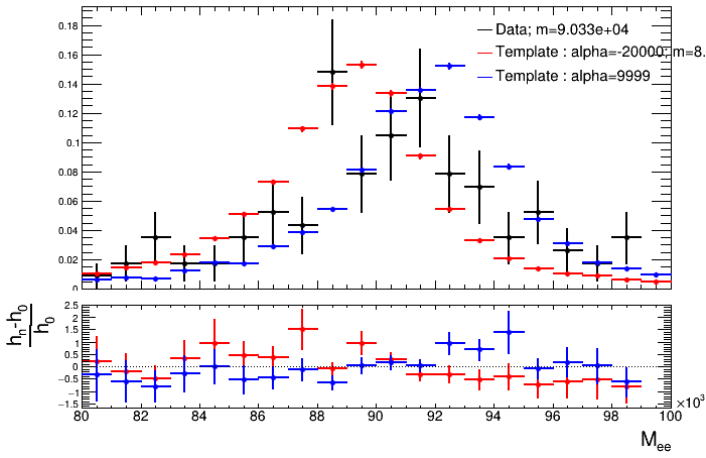
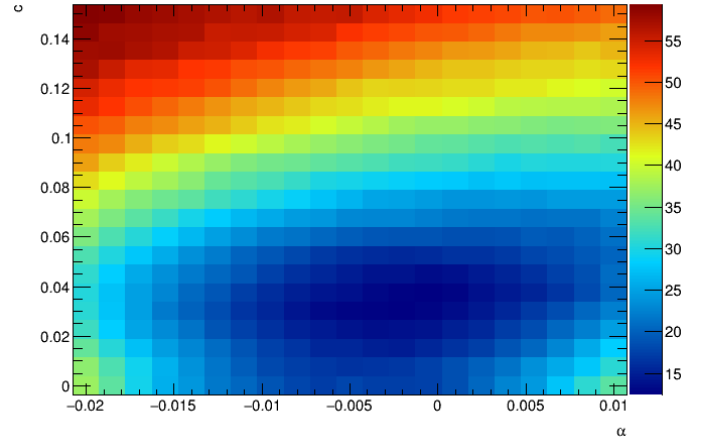
MCEvents : 33456

DataEvents : 125

ThresholdMass : 69.5818

$$\alpha_{ij} = -0.00430285 \pm 0.00348508$$

$$\sigma_{ij} = 0.00163353 \pm 0.0233783$$



Results

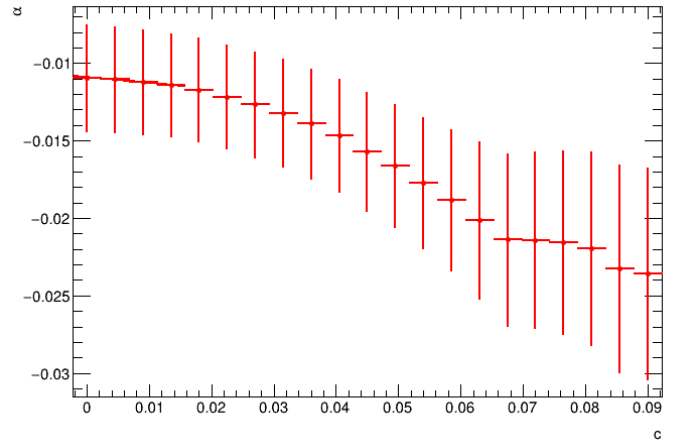
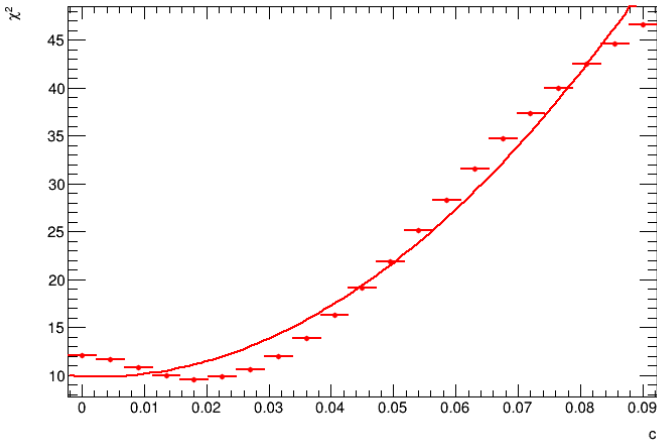
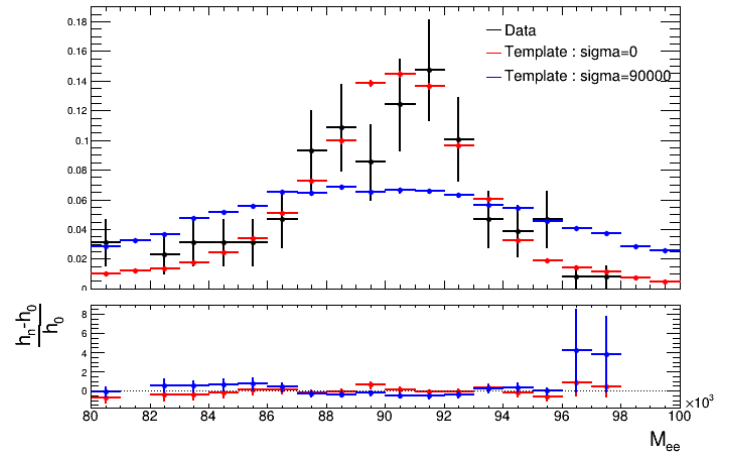
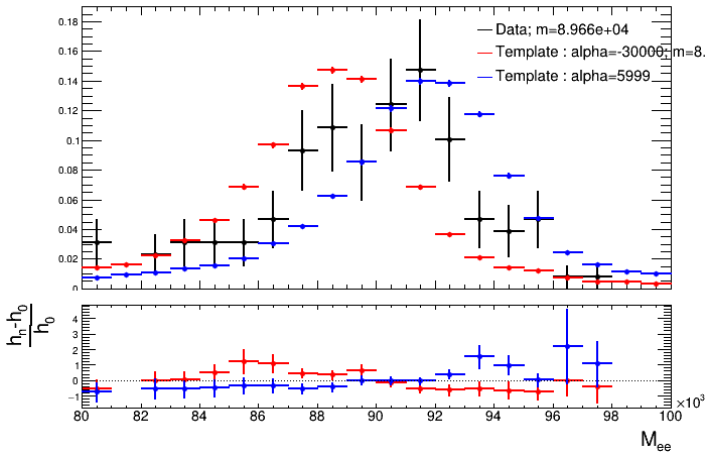
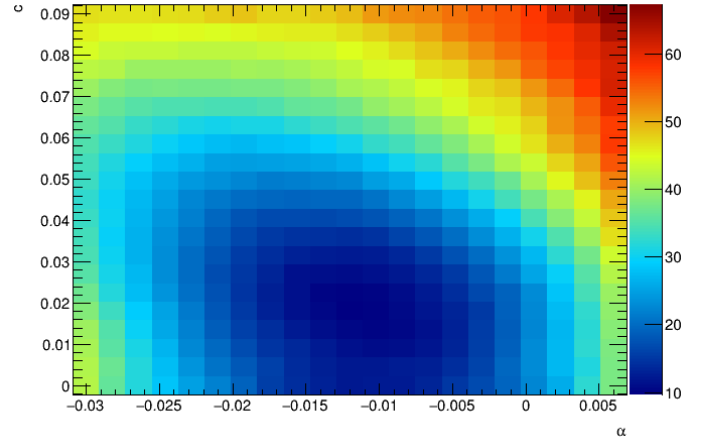
MCEvents : 35136

DataEvents : 145

ThresholdMass : 65.5345

$$\alpha_{ij} = -0.0110002 \pm 0.00342428$$

$$\sigma_{ij} = 0.00272881 \pm 0.0137145$$



Results

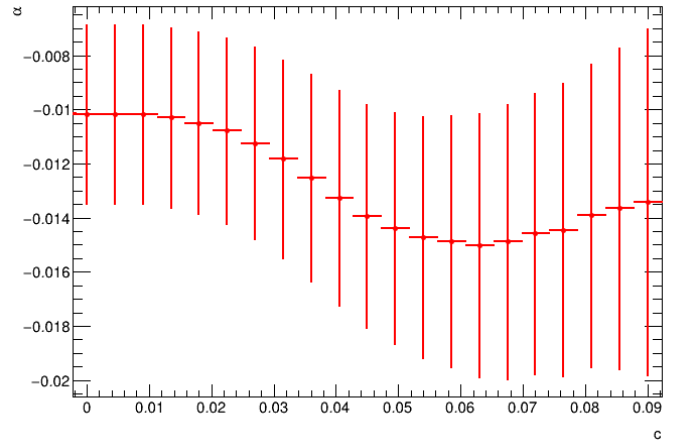
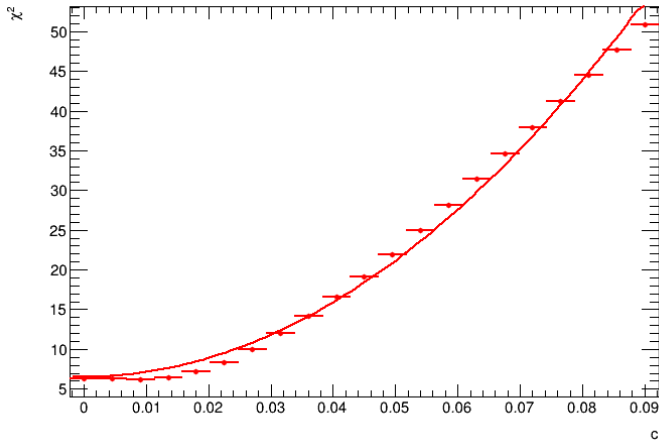
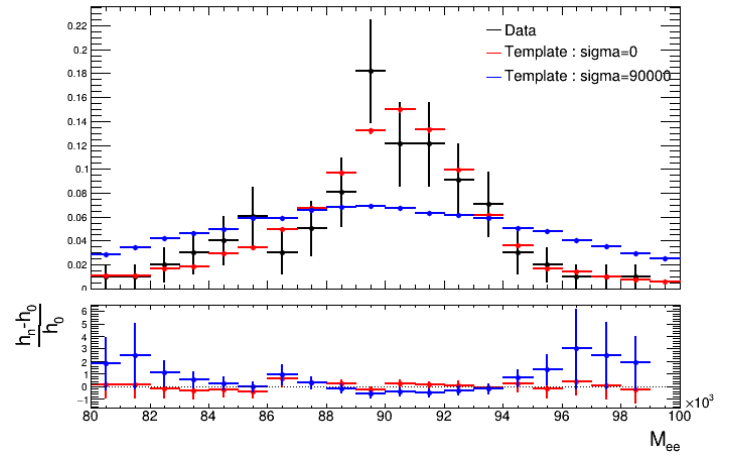
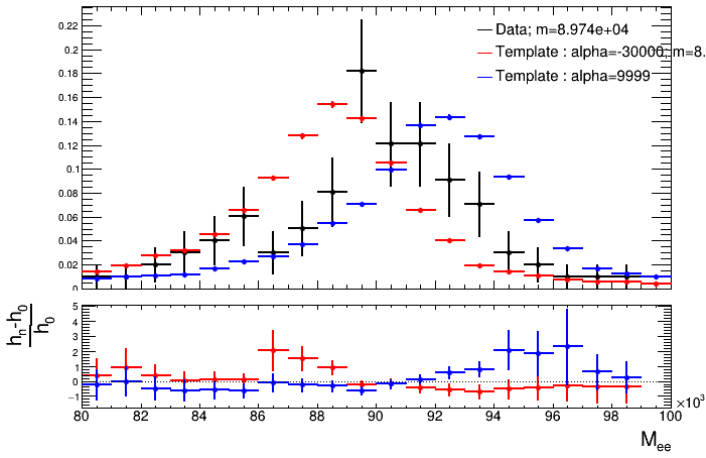
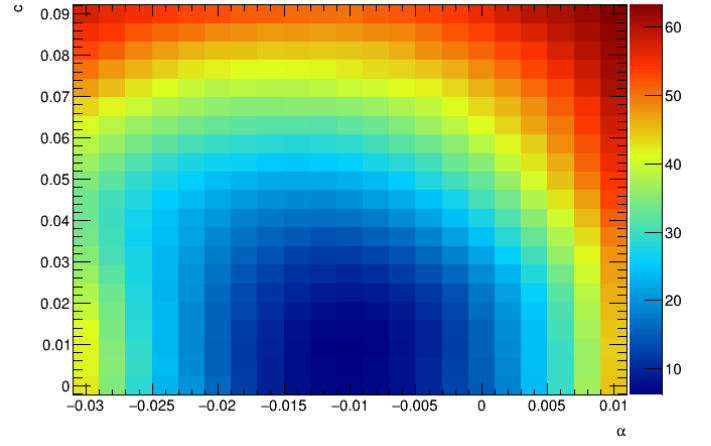
MCEvents : 30120

DataEvents : 117

ThresholdMass : 62.3755

$$\alpha_{ij} = -0.0101607 \pm 0.00331355$$

$$\sigma_{ij} = 5.1209e - 18 \pm 0.0130965$$



Results

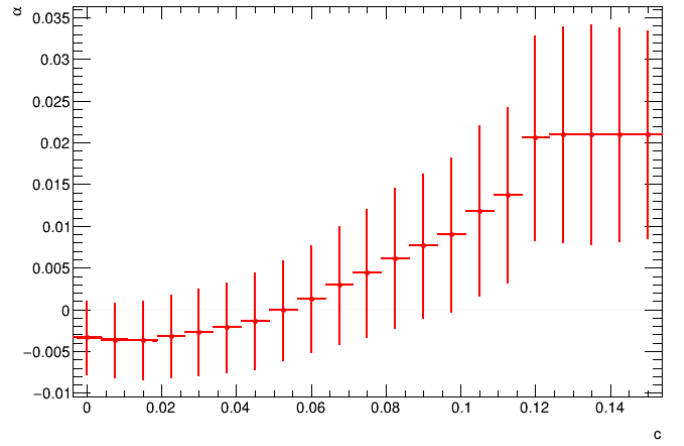
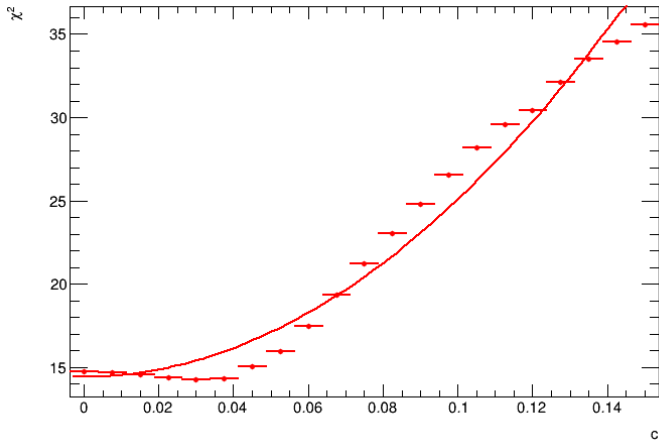
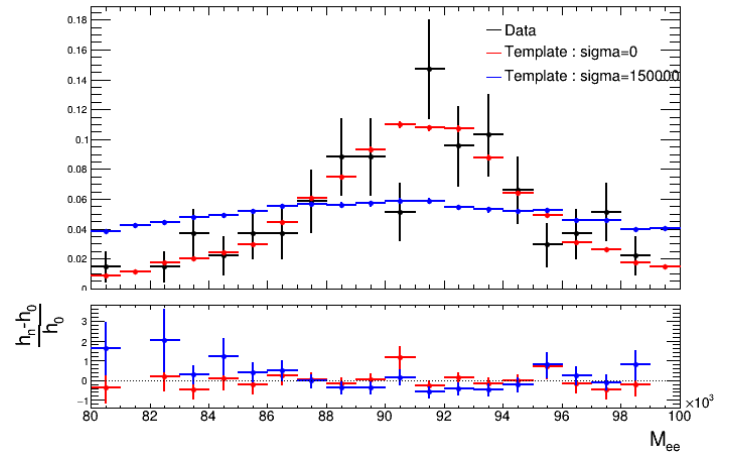
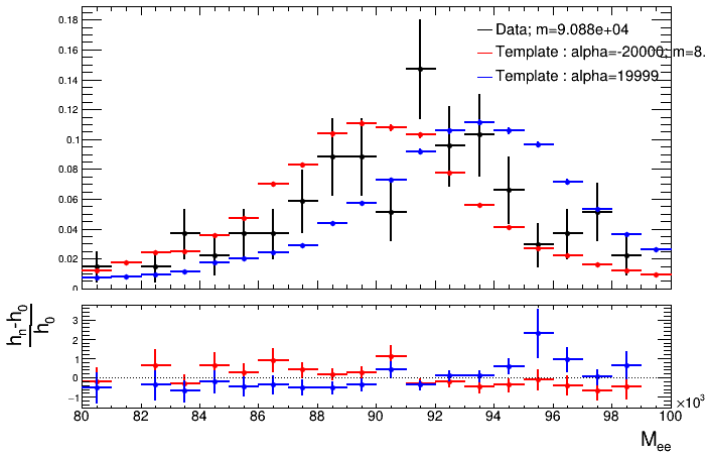
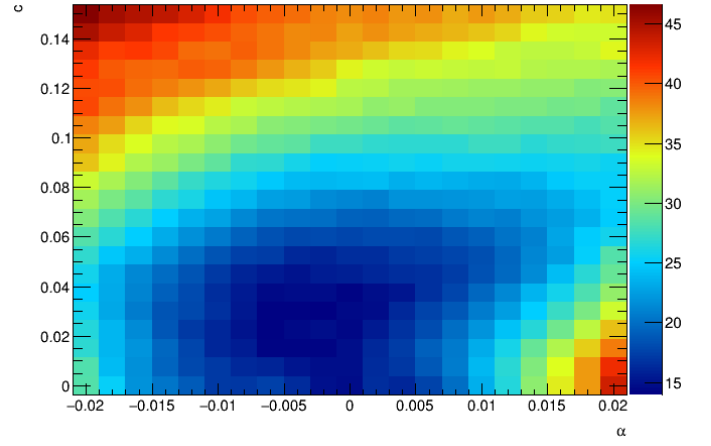
MCEvents : 33096

DataEvents : 151

ThresholdMass : 59.8792

$$\alpha_{ij} = -0.00344688 \pm 0.00443765$$

$$\sigma_{ij} = 0 \pm 0.0306862$$



Results

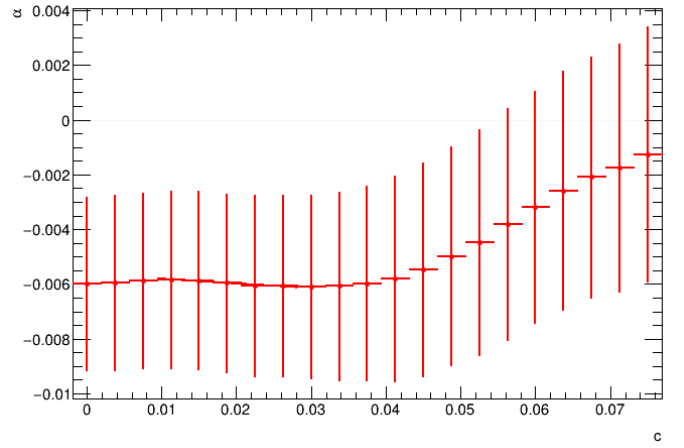
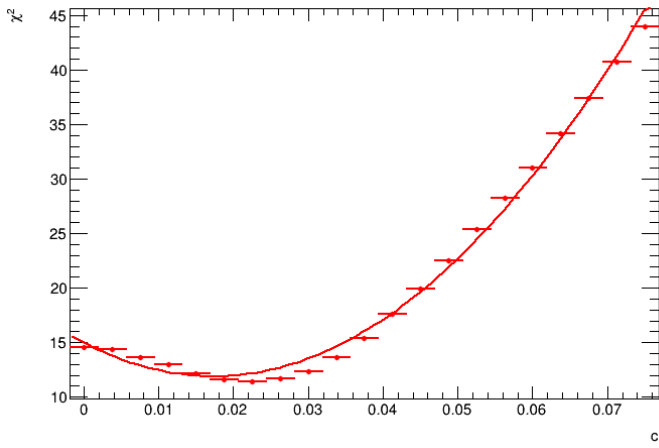
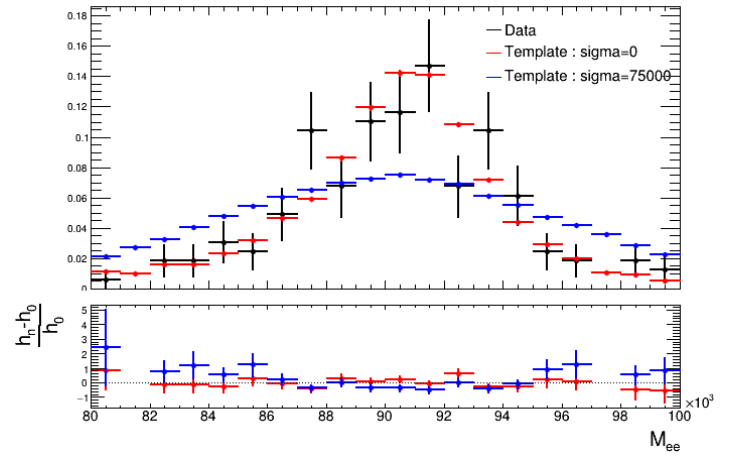
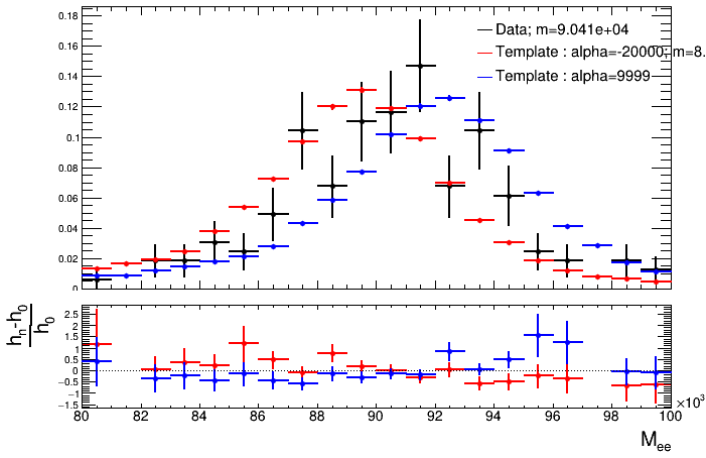
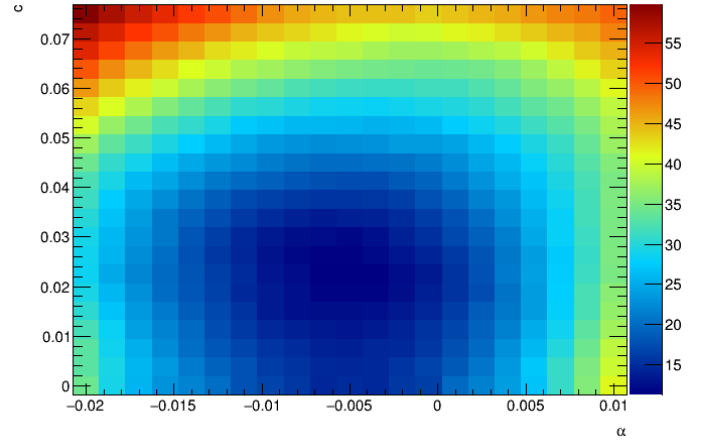
MCEvents : 44748

DataEvents : 187

ThresholdMass : 57.4386

$$\alpha_{ij} = -0.00593598 \pm 0.00326598$$

$$\sigma_{ij} = 0.0174041 \pm 0.00993844$$



163 ChiMatrix_23_21

Results

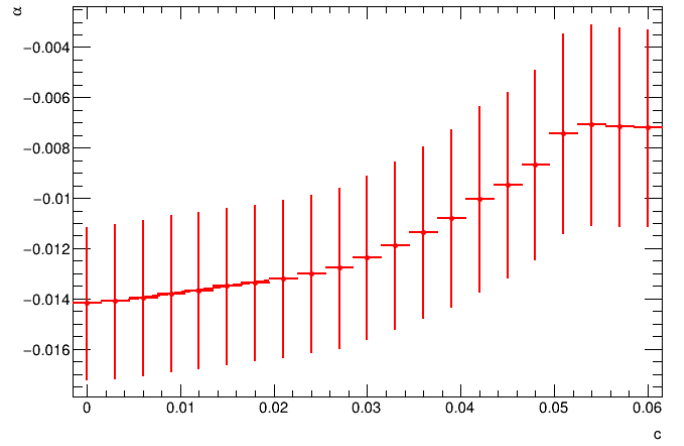
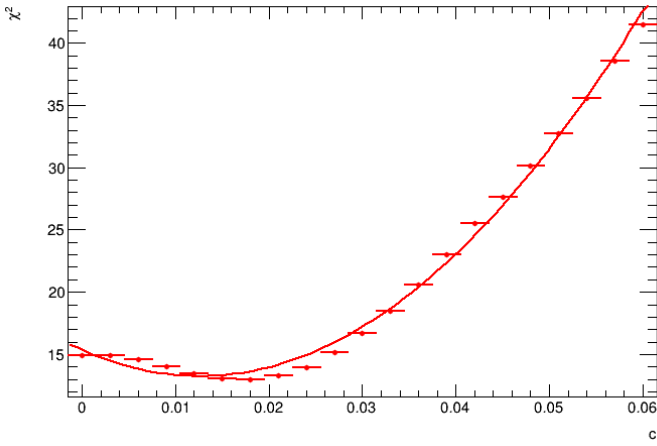
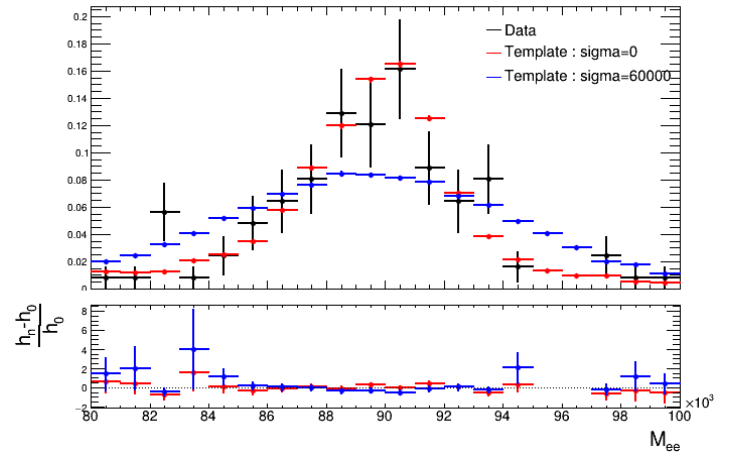
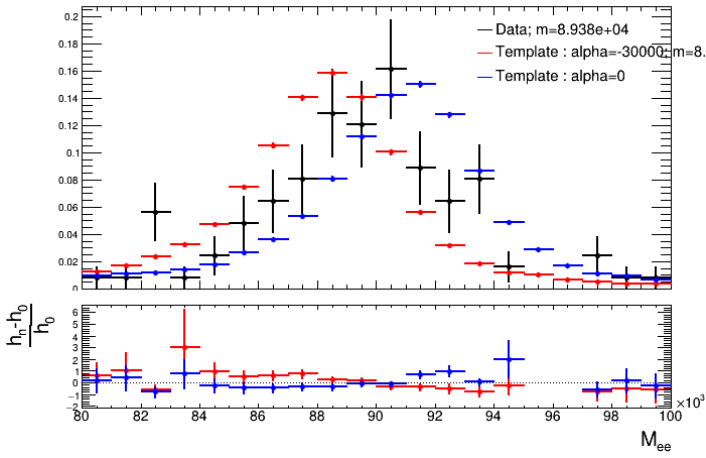
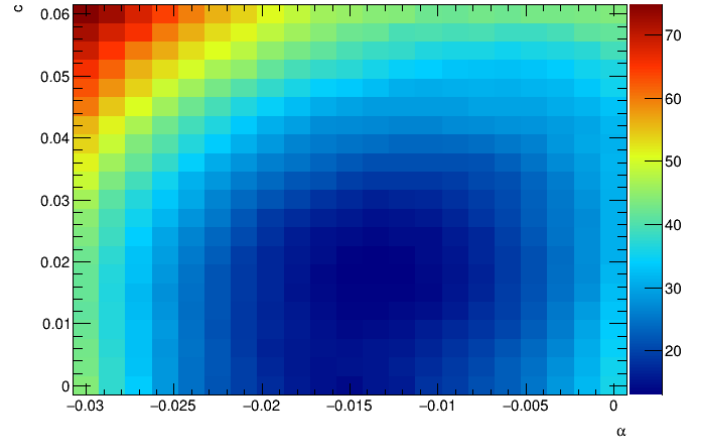
MCEvents : 33882

DataEvents : 142

ThresholdMass : 55.5956

$$\alpha_{ij} = -0.0136243 \pm 0.00310174$$

$$\sigma_{ij} = 0.012677 \pm 0.00874309$$



Results

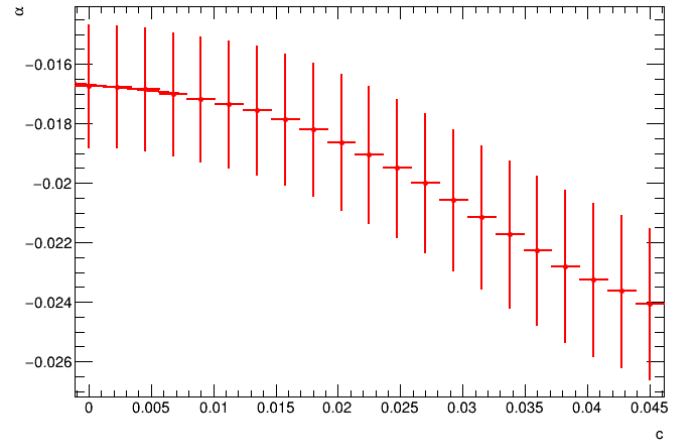
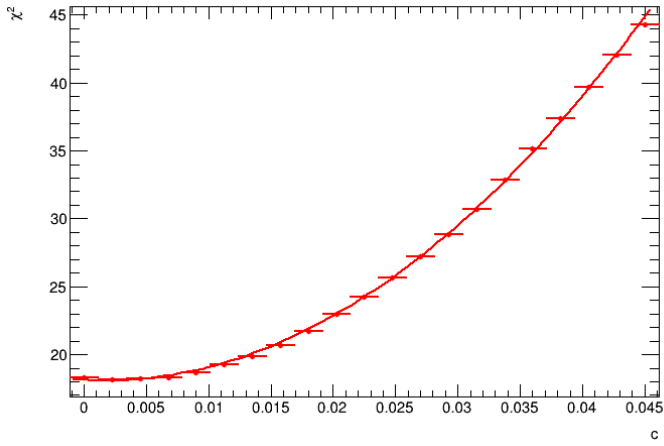
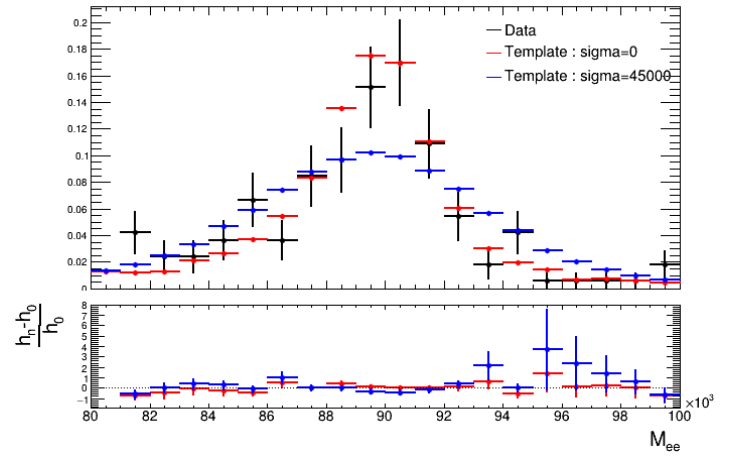
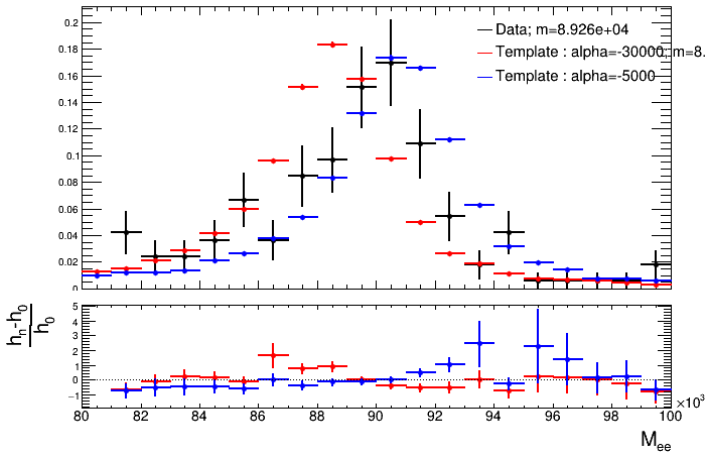
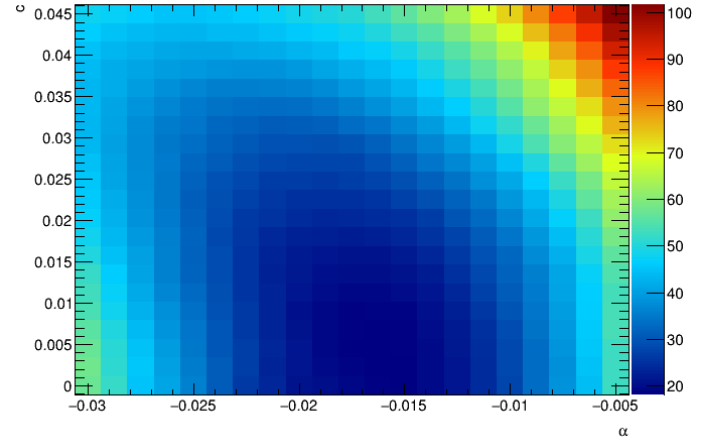
MCEvents : 48144

DataEvents : 192

ThresholdMass : 54.3732

$$\alpha_{ij} = -0.0167746 \pm 0.00206012$$

$$\sigma_{ij} = 0.00181014 \pm 0.0083469$$



165 ChiMatrix_23_23

Results

MCEvents : 11196

DataEvents : 30

ThresholdMass : 54

$$\alpha_{ij} = 0.00342573 \pm 0.0484415$$

$$\sigma_{ij} = 0.111771 \pm 0.0290863$$

