

CSA07: QCD from Gumbo-JetMET Skim (100/pb)

without signal contamination

variable 1 (x-axis) - variable 2 (y-axis)	fit function	estimate	statistical error
$ \eta $ - MET	[0]	262	48
$ \eta $ - min $\Delta\varphi$	[0]	333	66
$ \eta $ - $\Delta\varphi(\text{HEMI})$	[0]	300	69
MET - min $\Delta\varphi$	expo	66	23
MET - $\Delta\varphi(\text{HEMI})$	linear	193	38
min $\Delta\varphi$ - MET	expo	196	44
min $\Delta\varphi$ - $\Delta\varphi(\text{HEMI})$	[0]	122	12
$\Delta\varphi(\text{HEMI})$ - MET	linear	174	21
average (all):		206	
weighted average (all):		141	± 9
selected weighted average:		136	± 19
Signal LMI: 670		true QCD: 138	

Summer08: Herwig QCD (100/pb)

without signal contamination

variable 1 (x-axis) - variable 2 (y-axis)	fit function	estimate	statistical error
$ \eta $ - MET	[0]	106	53
$ \eta $ - min $\Delta\varphi$	[0]	173	93
$ \eta $ - $\Delta\varphi(\text{HEMI})$	[0]	62	49
MET - min $\Delta\varphi$	expo	45	37
MET - $\Delta\varphi(\text{HEMI})$	linear	6	21
min $\Delta\varphi$ - MET	expo	63	31
min $\Delta\varphi$ - $\Delta\varphi(\text{HEMI})$	[0]	14	8
$\Delta\varphi(\text{HEMI})$ - MET	linear	59	22
average (all):		66	
weighted average (all):		24	± 7
selected weighted average:		70	± 22
Signal LMI: 196		true QCD: 66	

Summer08: Pythia6 QCD (100/pb)

without signal contamination

variable 1 (x-axis) - variable 2 (y-axis)	fit function	estimate	statistical error
$ \eta $ - MET	[0]	60	20
$ \eta $ - min $\Delta\varphi$	[0]	87	31
$ \eta $ - $\Delta\varphi(\text{HEMI})$	[0]	271	103
MET - min $\Delta\varphi$	expo	78	33
MET - $\Delta\varphi(\text{HEMI})$	linear	39	10
min $\Delta\varphi$ - MET	expo	90	22
min $\Delta\varphi$ - $\Delta\varphi(\text{HEMI})$	[0]	20	4
$\Delta\varphi(\text{HEMI})$ - MET	linear	72	13
average (all):		90	
weighted average (all):		30	± 4
selected weighted average:		76	± 13
Signal LMI: 196		true QCD: 55	