

results on absorbed dose

per BX, per sensitise detector

JET140, 16.5 GeV, 8 um, 9479 BX, standart EM physics list

detid	det_name	Averaged Dose, Gy	Per year, 10 ⁷ sec, Gy	Radiation Hardness,
5000	IP Scintillator	6.23e-05 /0.003	6e2 – 3e4	~10 ⁵ (Lanex)
3000-1	PDS GadOx Scintillator	4.17e-07	4.2	~10 ⁵ (Lanex)
4000-7	PDS Backscatter Calorimeter	7.08e-08	0.7	1 (TF101)
2000-20	IP Calorimeter	2.75e-08 /2.56e-07	0.3 – 3	~1000 (Si)
1000-143	IP Pixel tracker	8.5e-08 /1.44e-06	1 –15	27 (Alpide)

JET140, 16.5 GeV, 5 um, 976 BX, QGSP_BERT_HP list, updated g4 setup with no leaking dump, the most recent MC IPStrong

det_name	Averaged Dose (BERT), Gy	Per year, 10 ⁷ sec, Gy
IP Scintillator	4.88e-05 /0.002	5e2 – 2e4
PDS GadOx Scintillator	7.15e-07	7.2
PDS Backscatter Calorimeter	4.49e-08	0.5
IP Calorimeter	4.65e-08 / 1.13e-07	0.5 – 1
IP Pixel tracker	7.5e-14 /1.06e-06	7e-7 – 10