

sims\_only\_compare

	MCEEP	SIMC	$\frac{MCEEP}{SIMC}$	Data	$\frac{MCEEP}{Data}$	$\frac{SIMC}{Data}$
No radiation – 'small collimator'	2.093E+06	2.049E+06	1.021			
With radiation, 'small collimator'						
MCEEP rad option '1'	1.894E+06	1.739E+06	1.090			
MCEEP rad option '2'	1.808E+06	1.739E+06	1.040			
No radiation, NO collimator						
no cuts	1.970E+07	2.045E+07	0.963			
nominal $\theta$ , $\phi$ cuts	1.942E+07	1.926E+07	1.009			
20% reduced $\theta$ , $\phi$ cuts	1.396E+07	1.386E+07	1.008			
80% reduced $\theta$ , $\phi$ cuts	854065	840454	1.016			
With Radiation, NO collimator						
no cuts	182962	183112	0.999	210574	0.869	0.870
nominal $\theta$ , $\phi$ cuts	179703	172035	1.045	196884	0.913	0.874
20% reduced $\theta$ , $\phi$ cuts	128256	123391	1.039	143770	0.892	0.858
80% reduced $\theta$ , $\phi$ cuts	7690	7584	1.014	8629	0.891	0.879
With Radiation, NO collimator						
no cuts	182962	183112	0.999	210560	0.869	0.870
nominal $\theta$ , $\phi$ and $\delta p$ cuts	179372	170927	1.049	196336	0.914	0.871
20% reduced $\theta$ , $\phi$ and $\delta p$ cuts	126411	120426	1.050	139592	0.906	0.863
80% reduced $\theta$ , $\phi$ and $\delta p$ cuts	6889	6605	1.043	6985	0.986	0.946
With Radiation, NO collimator						
no cuts	182962	183112	0.999	210560	0.869	0.870
nominal $\theta$ , $\phi$ , $\delta p$ and $W^2$ cuts	176239	167422	1.053	184630	0.955	0.907
20% reduced $\theta$ , $\phi$ , $\delta p$ and $W^2$ cuts	125508	119517	1.050	133952	0.937	0.892
80% reduced $\theta$ , $\phi$ , $\delta p$ and $W^2$ cuts	6889	6606	1.043	6983	0.987	0.946