Table 1. Monte Carlo Spectral Parameters

Spectral Index	Flux[a] ($\mathrm{ph\,cm^{-2}\,s^{-1}}$)	$N_{1-100\mathrm{GeV}}$	$\langle \mathrm{TS} \rangle_{1-100\mathrm{GeV}}$	$N_{10-100\mathrm{GeV}}$	$\langle \mathrm{TS} \rangle_{10-100\mathrm{GeV}}$
Isotropic Background					
1.5	3×10^{-7}	18938	22233	18938	8084
	10^{-7}	19079	5827	19079	2258
	3×10^{-8}	19303	1276	19303	541
	10^{-8}	19385	303	19381	142
	3×10^{-9}	18694	62	12442	43
2	10^{-6}	18760	22101	18760	3033
	3×10^{-7}	18775	4913	18775	730
	10^{-7}	18804	1170	18803	192
	3×10^{-8}	18836	224	15256	50
	10^{-8}	17060	50	...	...
2.5	3×10^{-6}	18597	19036	18597	786
	10^{-6}	18609	4738	18608	208
	3×10^{-7}	18613	954	15958	53
	10^{-7}	18658	203	...	...
	3×10^{-8}	14072	41	...	...
3	10^{-5}	18354	19466	18354	215
	3×10^{-6}	18381	4205	15973	54
	10^{-6}	18449	966	...	...
	3×10^{-7}	18517	174	...	...
	10^{-7}	13714	41	...	...
Galactic Diffuse and Isotropic Background[b]					
1.5	2.3×10^{-8}	90741	63	...	...
2	1.2×10^{-7}	92161	60	...	...
2.5	4.5×10^{-7}	86226	47	...	...
3	2.0×10^{-6}	94412	61	...	...

[a] Integral 100 MeV to 100 GeV flux.

[b] **For the Galactic simulations, the quoted fluxes are the fluxes for sources placed in the Galactic center. The actual fluxes are scaled by Equation 12.**

Note. — A list of the spectral models of the simulated point-like sources which were tested for extension. For each model, the number of statistically independent simulations and the average value of TS is also tabulated. **The top rows are the simulations on top of an isotropic background and the bottom rows are the simulations on top of the Galactic diffuse and isotropic background.**