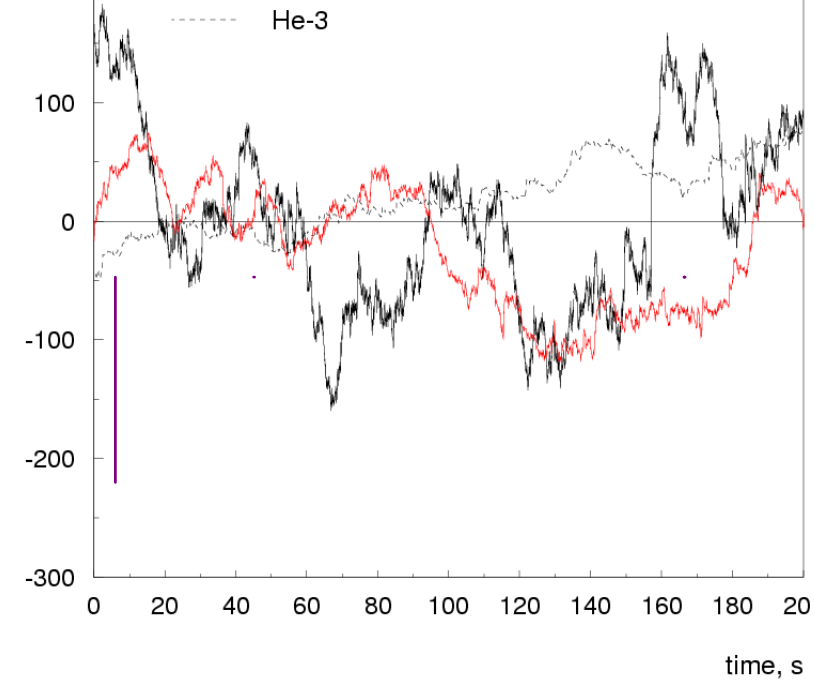

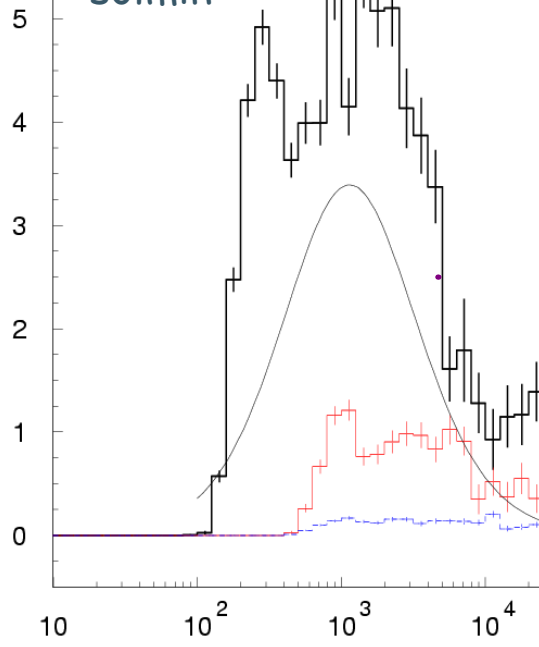

	timeline				TM 0		
	N_0 (x10^6)	CPU, days	T, s	N_0/N_Q	R, e/s	σ_M, e/s	S_R,e/s/
	121.1	150	200	2189	79.5	1.6	30.0
	14.4	12	321	1002	14.5	0.6	14.9
	14.1	12	1683	1073	2.15	0.1	5.6
	149.6	**174**	**–**	**419**	**96.2**	**1.7**	**34.0**
	53.3	70	200	1889	35.6	1.2	23.8
	9.3	11	462	849	7.1	0.40	12.4
	8.0	10	2402	928	0.90	0.06	3.9
	70.6	**91**	**–**	**359**	**43.6**	**1.3**	**27.1**

Solar Energetic Particle Events

ering (η) is simulated by
ission of very low energy
(<10 eV) due to incident
ns (γ) must be calculated!

Minimum Protons SEP Charging Spectrum

The MC charg
than those four
2003, CQG 20, S
Geant3 work with
CQG 14, 1567