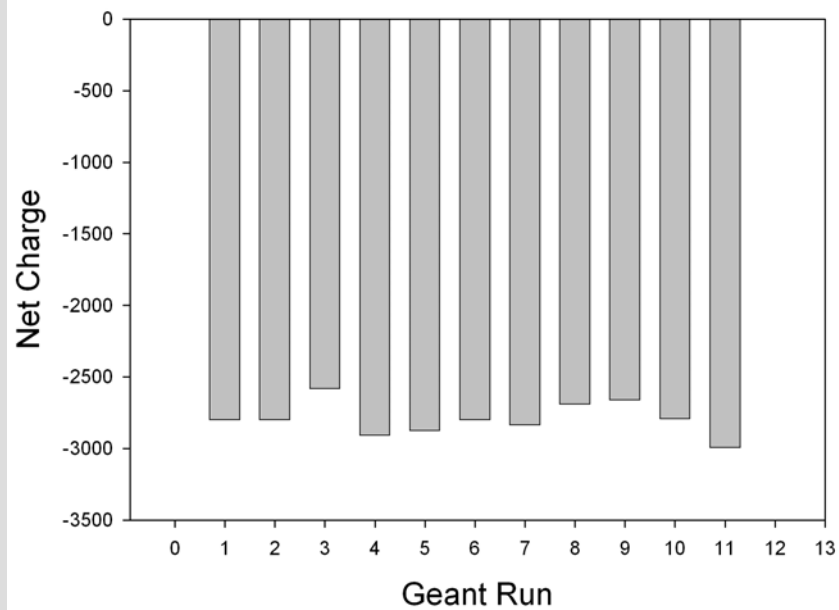
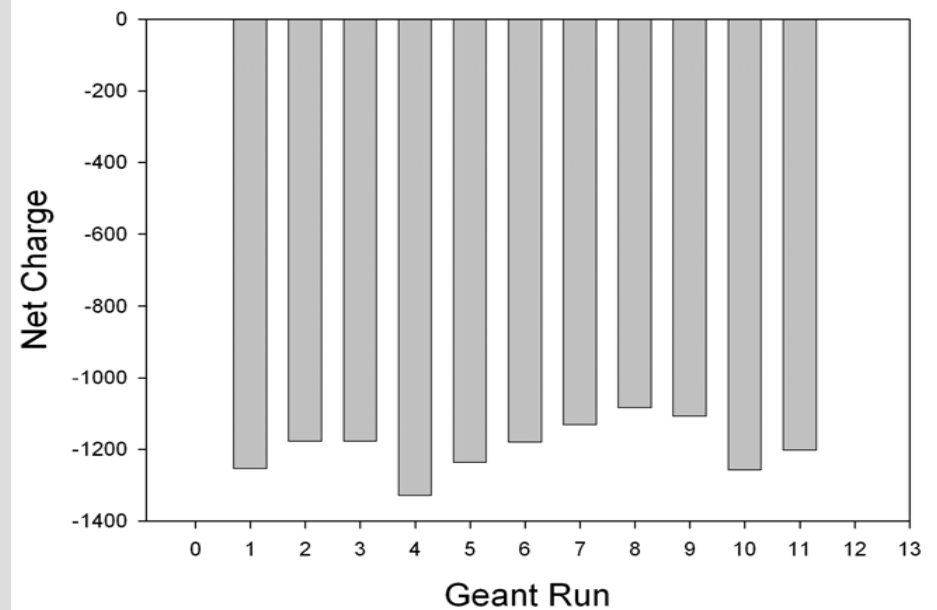


11 geant runs, 5000 initial e-

Net charge entering BPM1 - 11 runs



Net charge leaving BPM1 - 11 runs



- For all strips std dev $\sim 10\%$

Comparison of Geant orig with Geant lowE

	BPM1 net charge	BPM2 net charge	BPM3 net charge	BPM4 net charge
Orig (10keV cut)	-2244	-1810	-2484	-2029
lowE (100eV cut)	-3337	-2624	-3746	-2849

- lowE delivers more hits and emissions from strips
- same overall trend but noise increased in lowE run
- lowE modifies Compton and Bremsstrahlung cross-sections.
positron Bremsstrahlung worked out as ratio to electron bremsstrahlung