Subject: [FIXED] why is total energyloss always too small?
Posted by Prometeusz Jasinski on Mon, 29 Jul 2013 14:12:26 GMT
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We tried to stop electrons in Silicon active material. The total energyloss calculated by the PandaSDS classes for the mctracks gives always about 300 keV to less, regardless if only one process happened or several.

Momentum [MeV]	Eloss [MeV]
0.5	0.203
1	0.6119
2	1.553
3	2.532
4	3.521
5	4.515

Numbers are sharp, not distributed. What did I miss?

Neutrons are even not recognized.

The lower cut was already reduced in the corresponding macro.