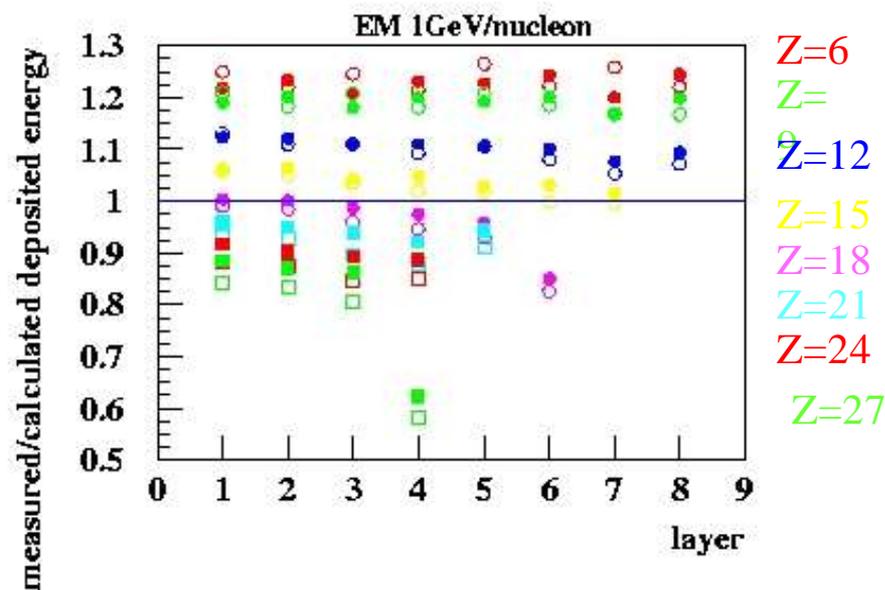
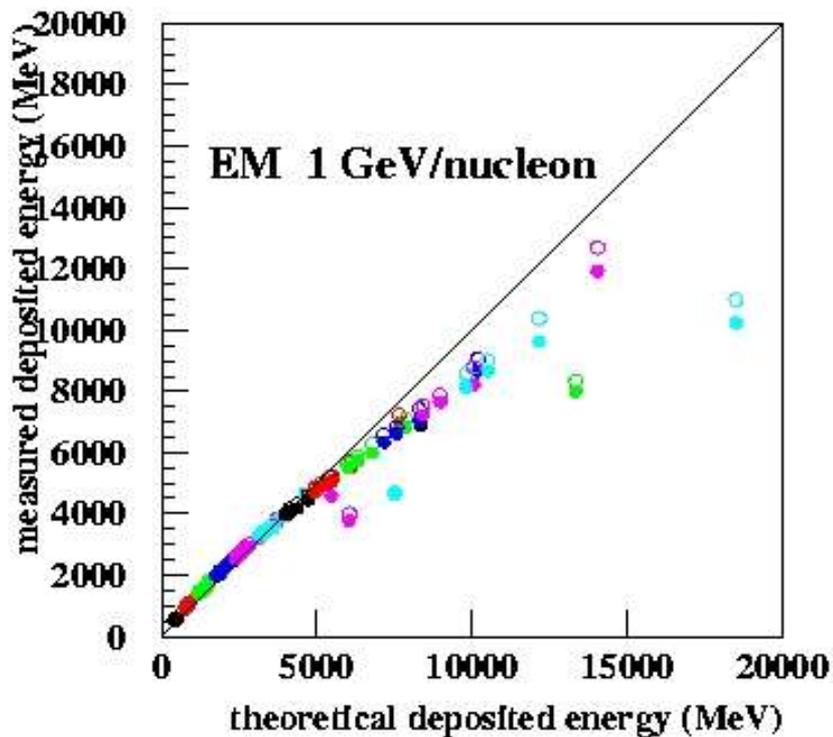
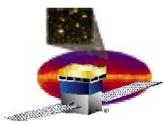
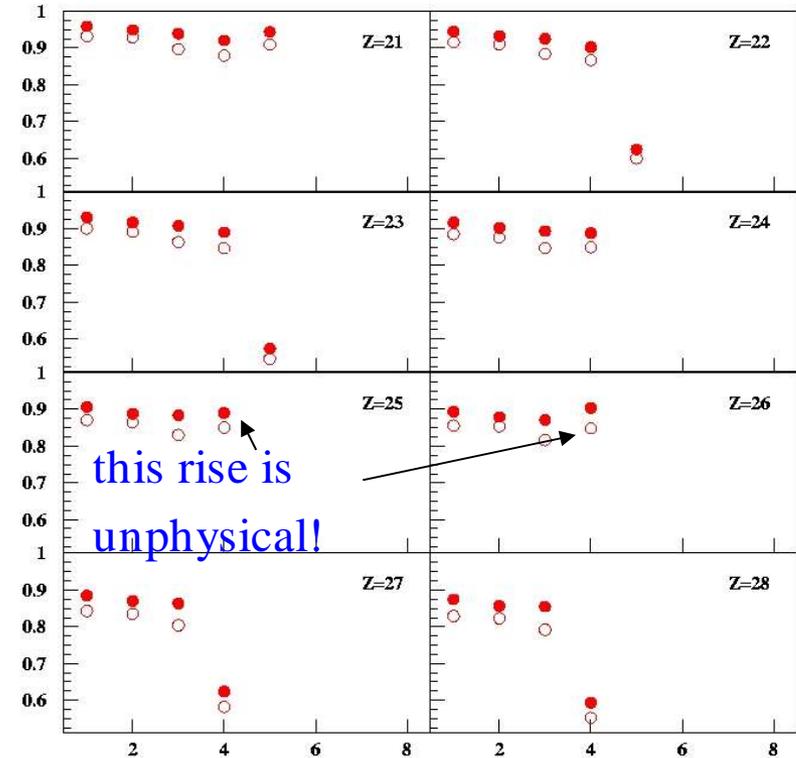
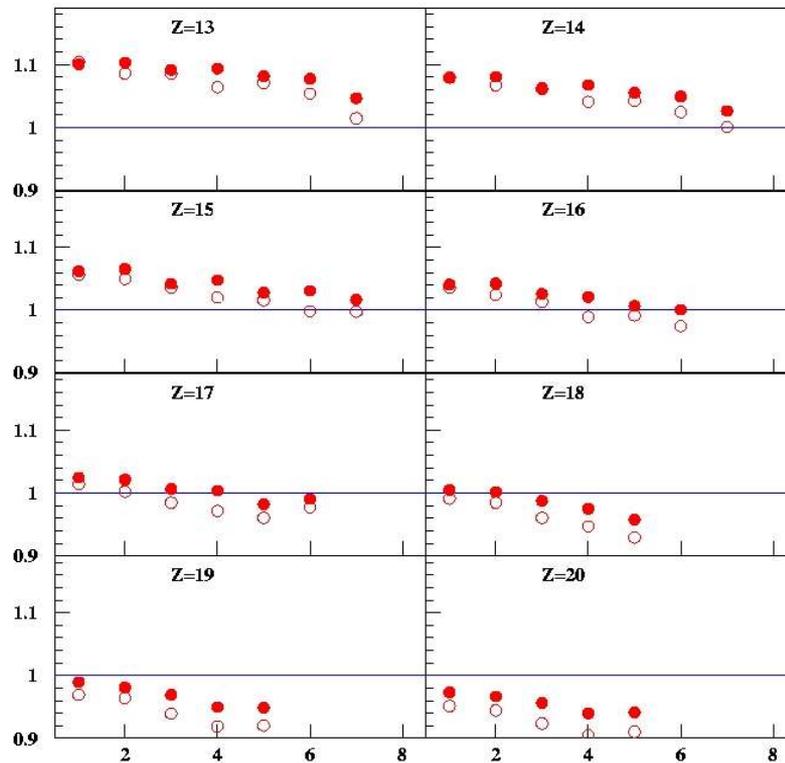


Quenching data at 1 GeV/nucleon

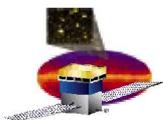




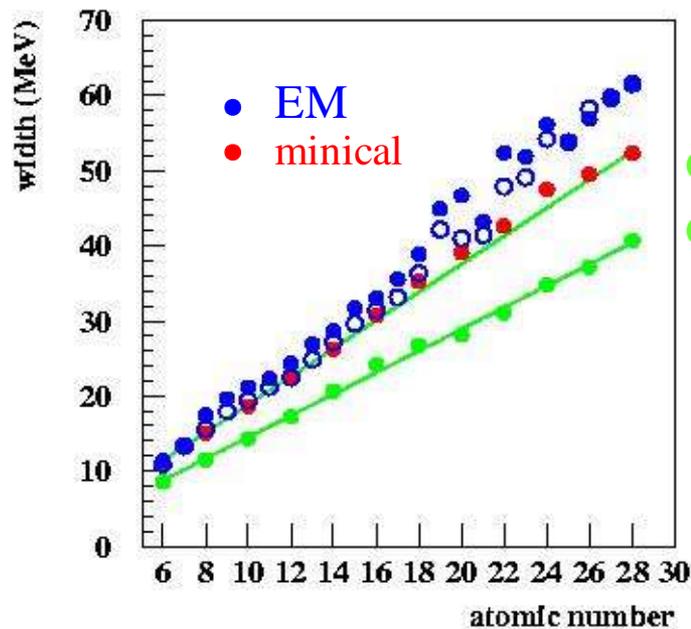
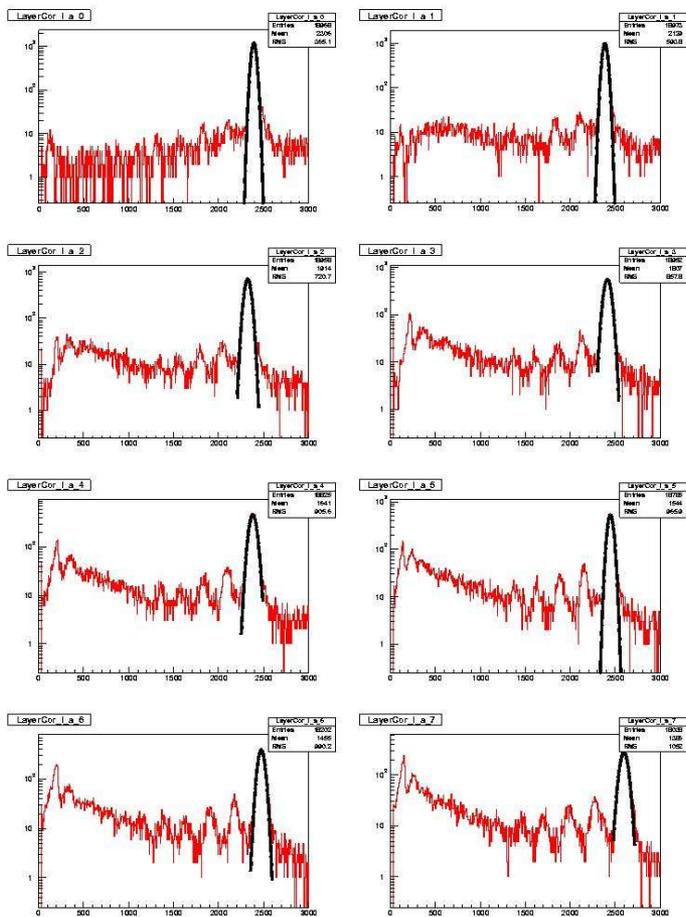
Quenching data at 1 GeV/nucleon



The thickness of upstream materials has to be carefully taken into account to exploit the data for the layer in which the ions stop.



Ionisation-peaks' widths



GEANT4 x1.3
GEANT4

Experimental broadening for cosmic muons: 0.6 MeV (~5%)