

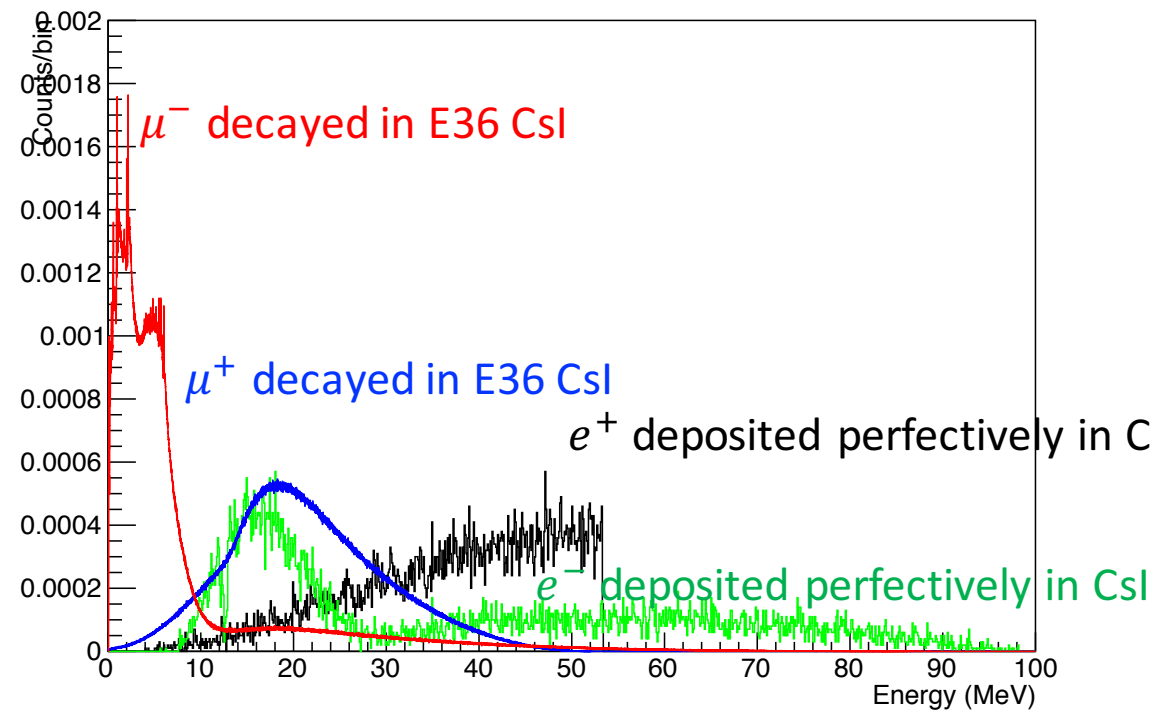
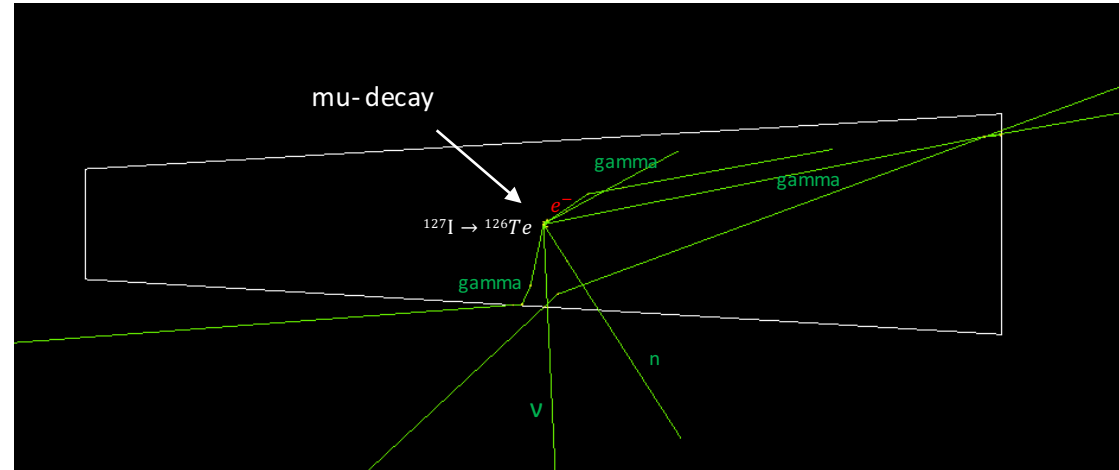
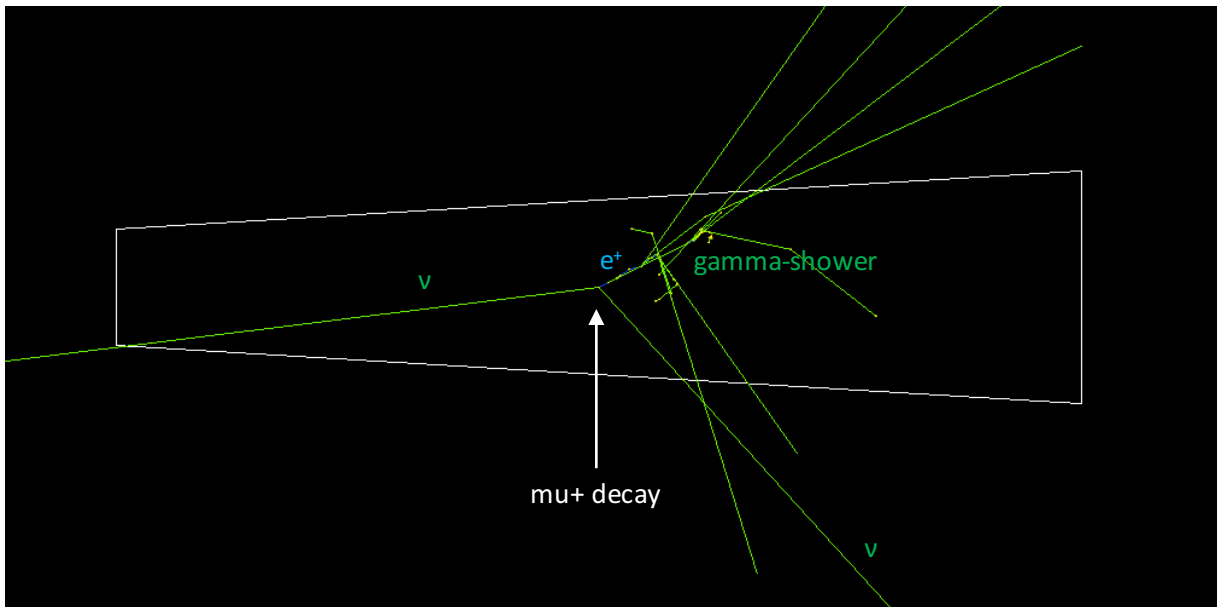
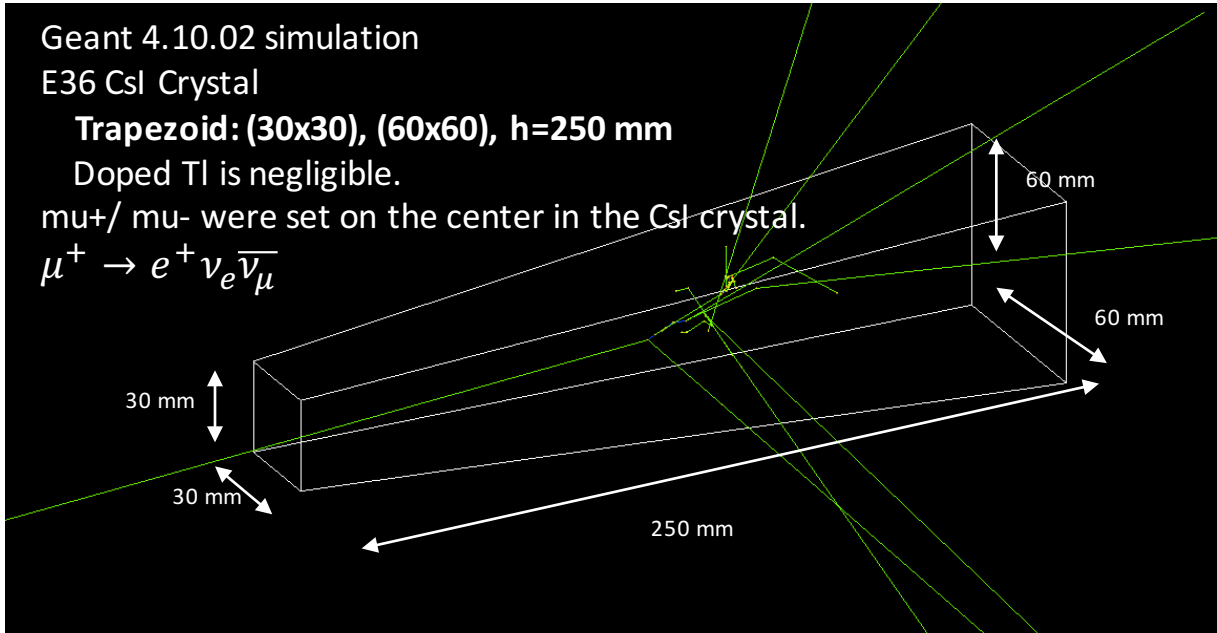
Geant 4.10.02 simulation
E36 CsI Crystal

Trapezoid: (30x30), (60x60), h=250 mm

Doped TI is negligible.

mu+ / mu- were set on the center in the CsI crystal.

$$\mu^+ \rightarrow e^+ \nu_e \bar{\nu}_\mu$$



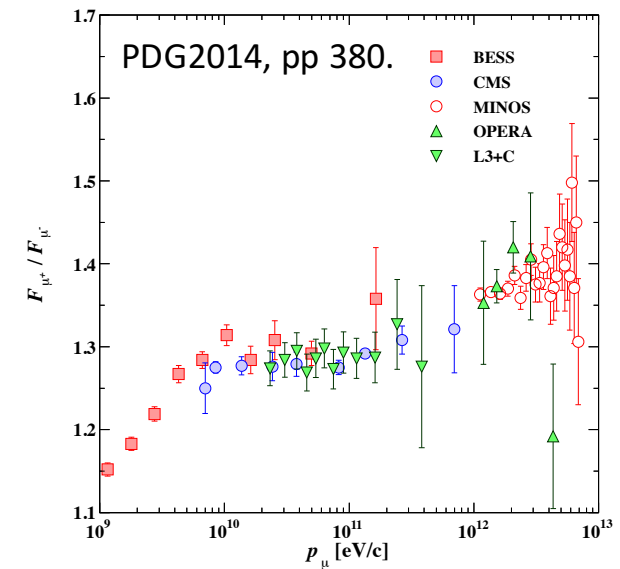
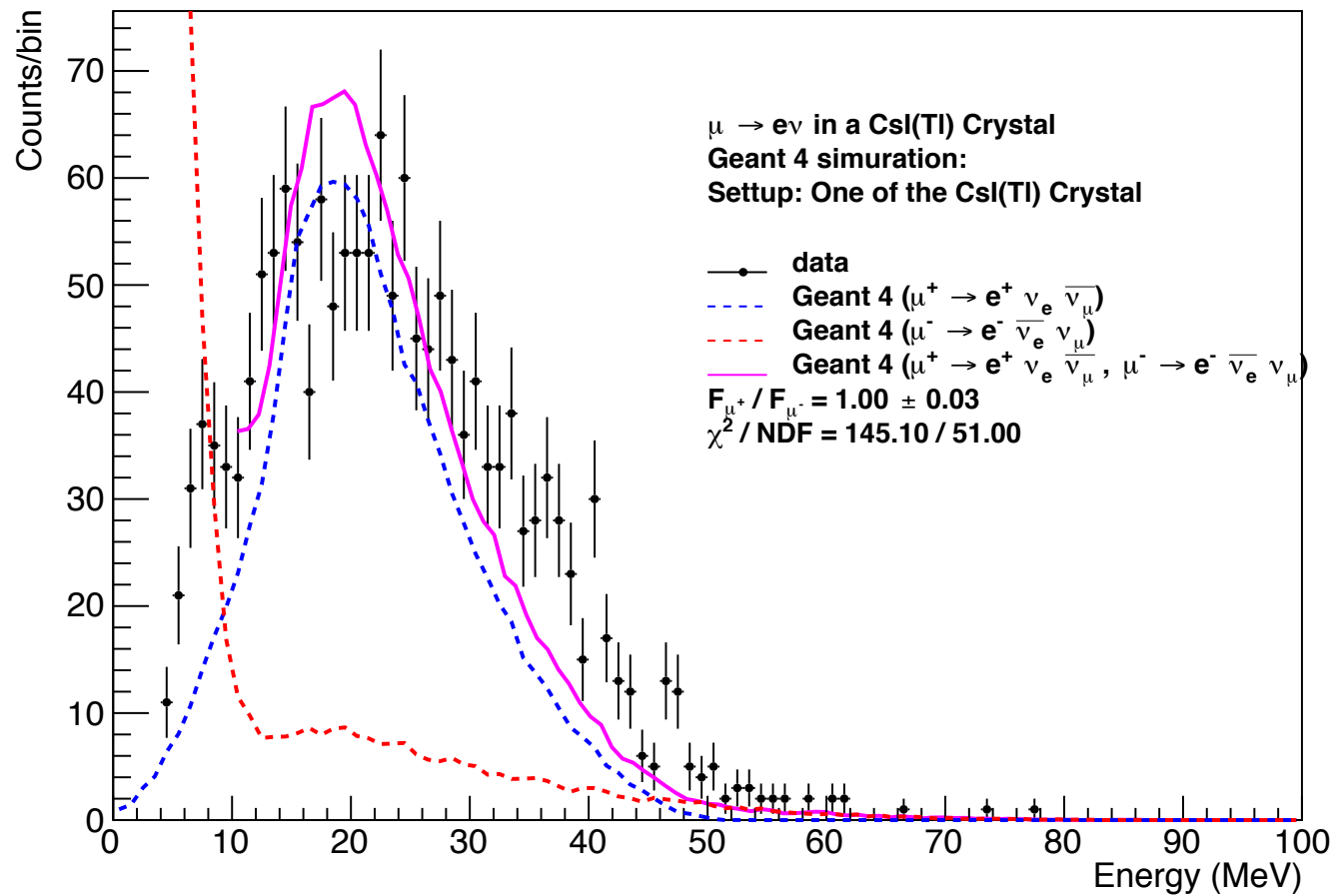


Figure 28.6: Muon charge ratio as a function of the muon momentum from Refs. [51,52,58,63,64].

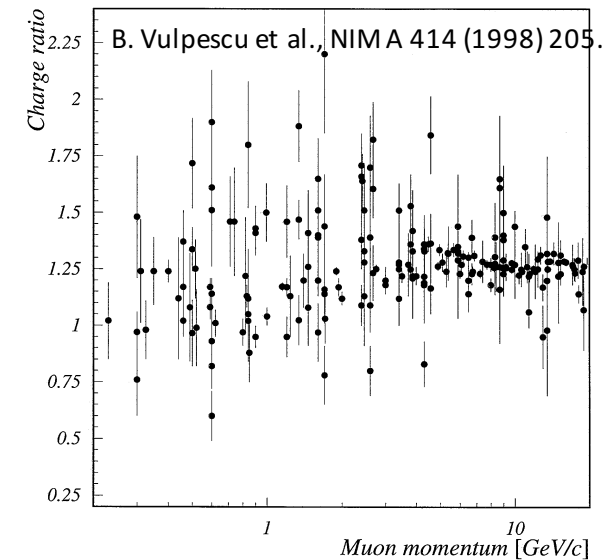


Fig. 1. Compilation of results on the charge ratio of vertical muons in the momentum range up to 20 GeV/c. Experimental data – see the appendix.

