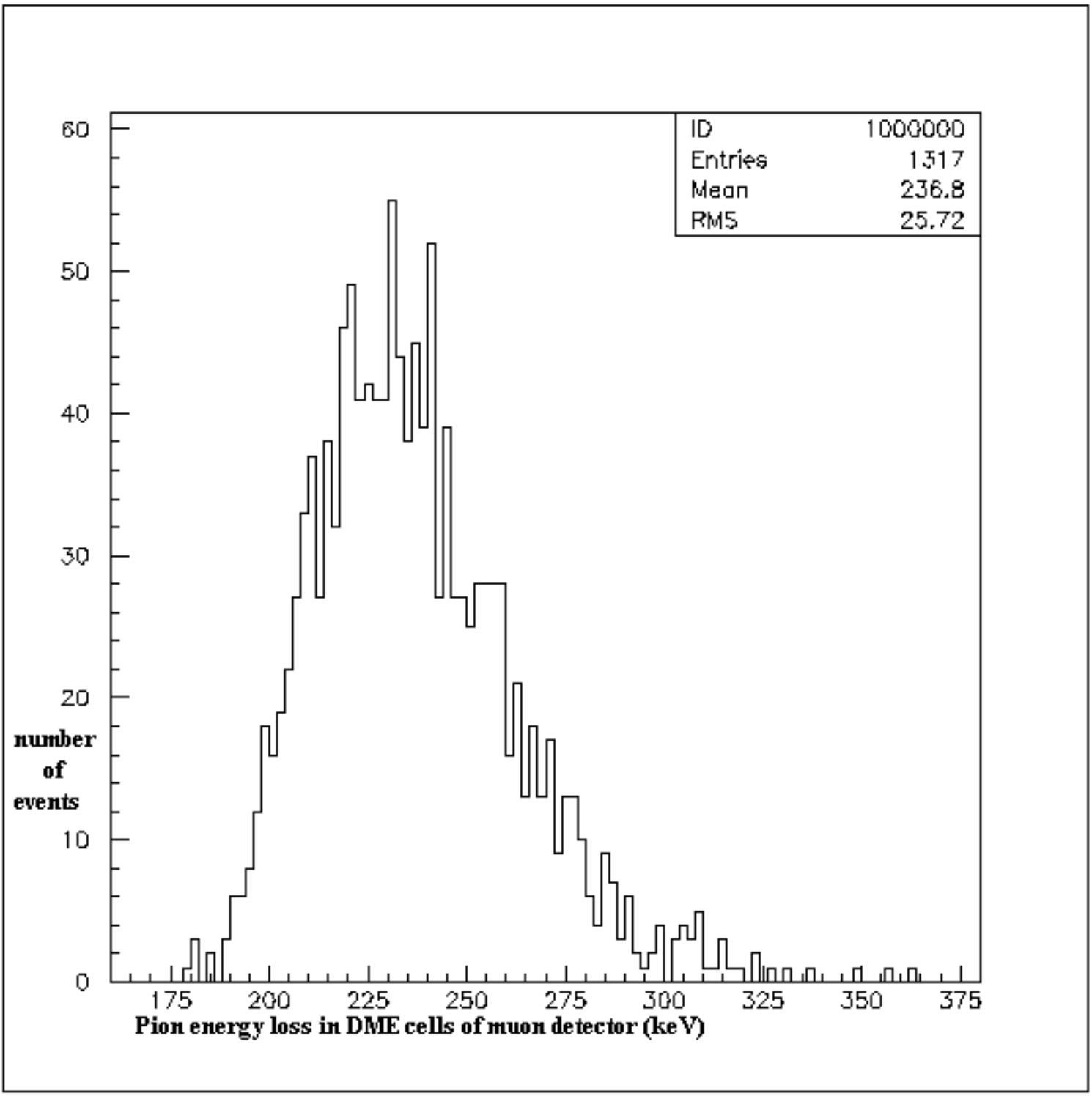

Figure 5: the total energy lost in the DME cells of the muon detector by pions. Two thousand events were run; only those events that passed cleanly through each DME cell of the detector (and did not hit any wires in the planes) were considered. From this plot, the smallest amount of energy lost by pions is about 175 keV; this allows for a range of energy loss that applies exclusively to muons.