Fitted energy of a 160.00 MeV beam in aluminum (MC) fitResult 480 Entries Number of protons Mean 149.5 **RMS** 10.46 30 174.13 Nominal mean Nominal straggling 6.92 Straggling (from FWHM) 1.15 Straggling (from FWTM) 1.42 Straggling (from FWQM) 2.79 25 Energy fits to tracks Expected range straggling 20 15 10 5 100 150 200 250 300 350 Range in Water Equivalent Path Length [mm]