

Figure 1: Comparison of the dE/dX measured in a mixed ion beam for the different impact angles investigated. Using spectrum stripping by iterative Landau- and Gaus-curve fitting different ion species are identified.

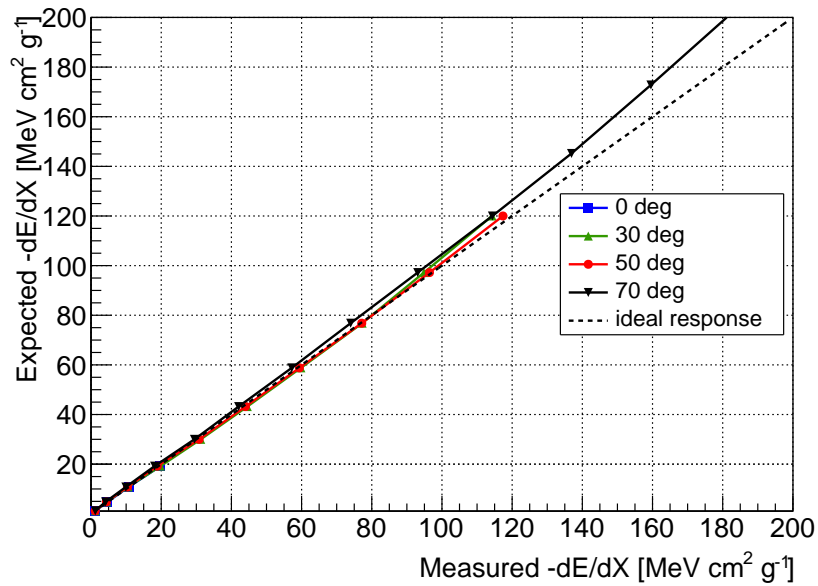


Figure 2: Comparison of measured and expected $dEdX$ for the measurements in the mixed ion beam at different angles. The expected energy losses for ions are calculated following the Bethe-Bloch equation.