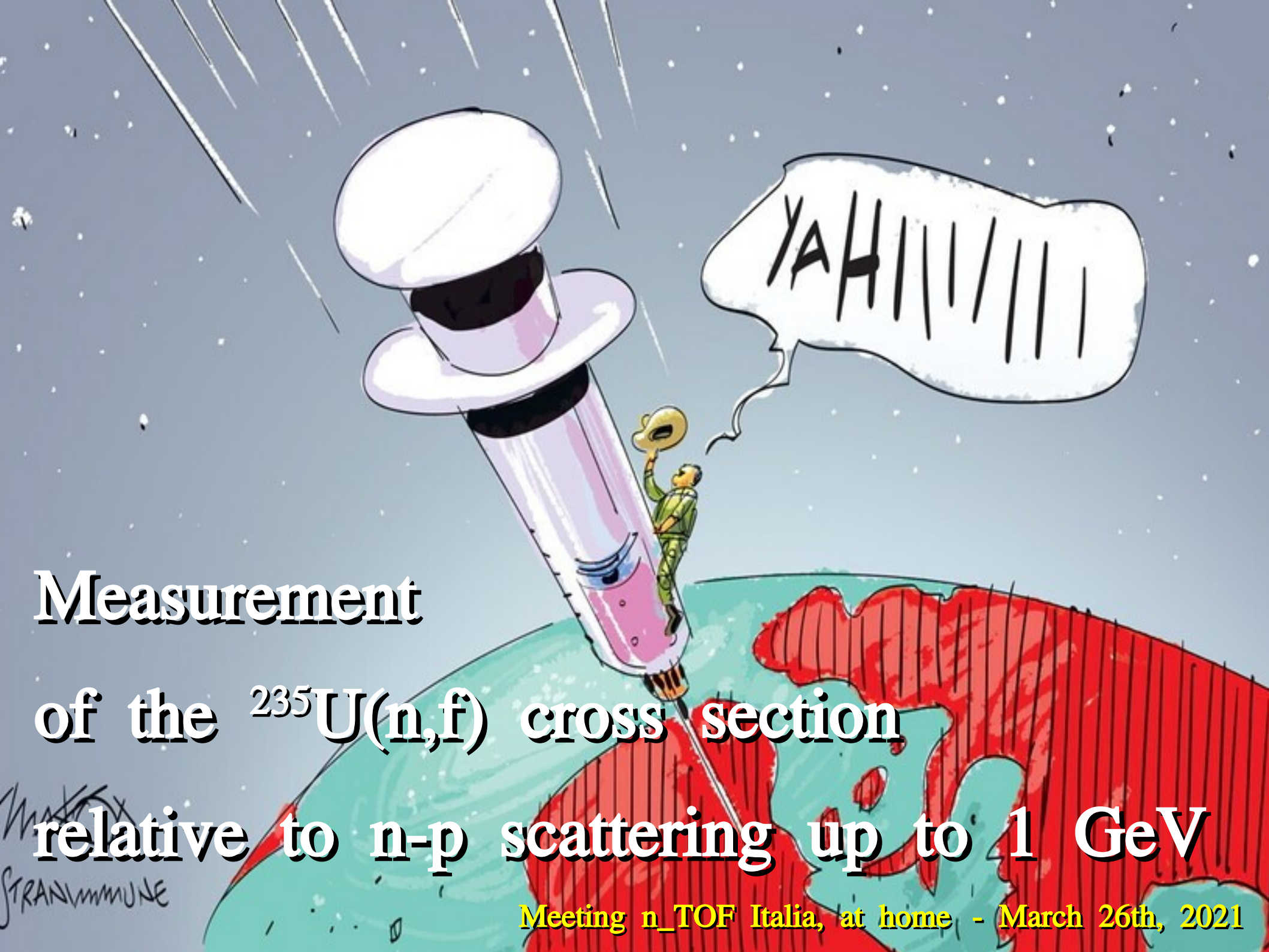




Measurement

of the $^{235}\text{U}(\text{n},\text{f})$ cross section

relative to n-p scattering up to 1 GeV

Meeting n_TOF Italia, at home - March 26th, 2021

neutrons

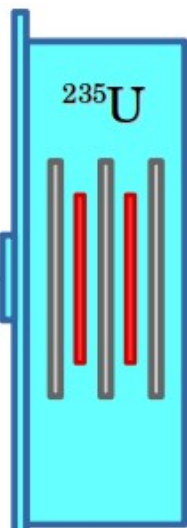


^{235}U



PPFC

^{235}U

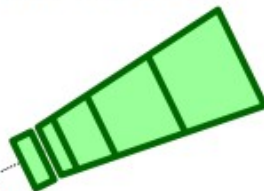


PPAC

C_2H_4



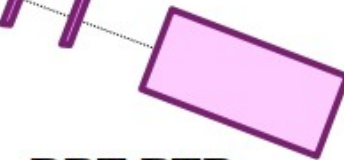
RPT-INFN



θ

θ

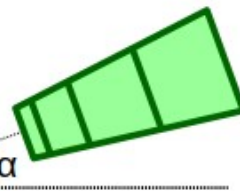
RPT-PTB



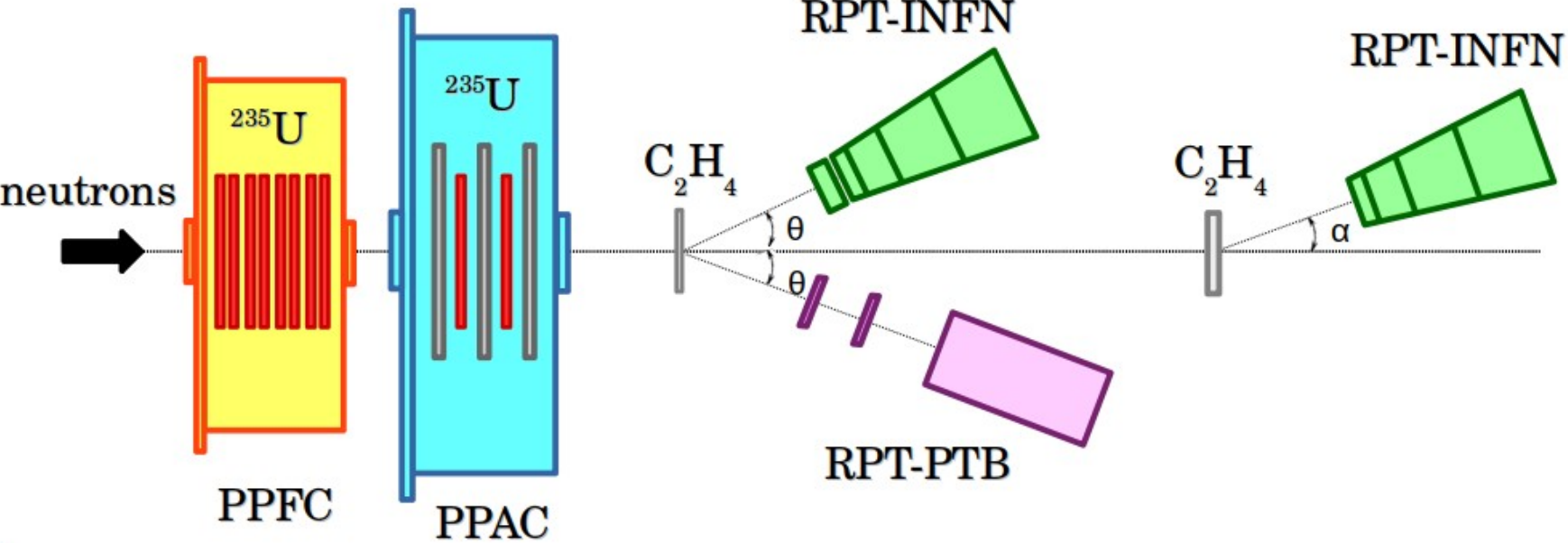
C_2H_4

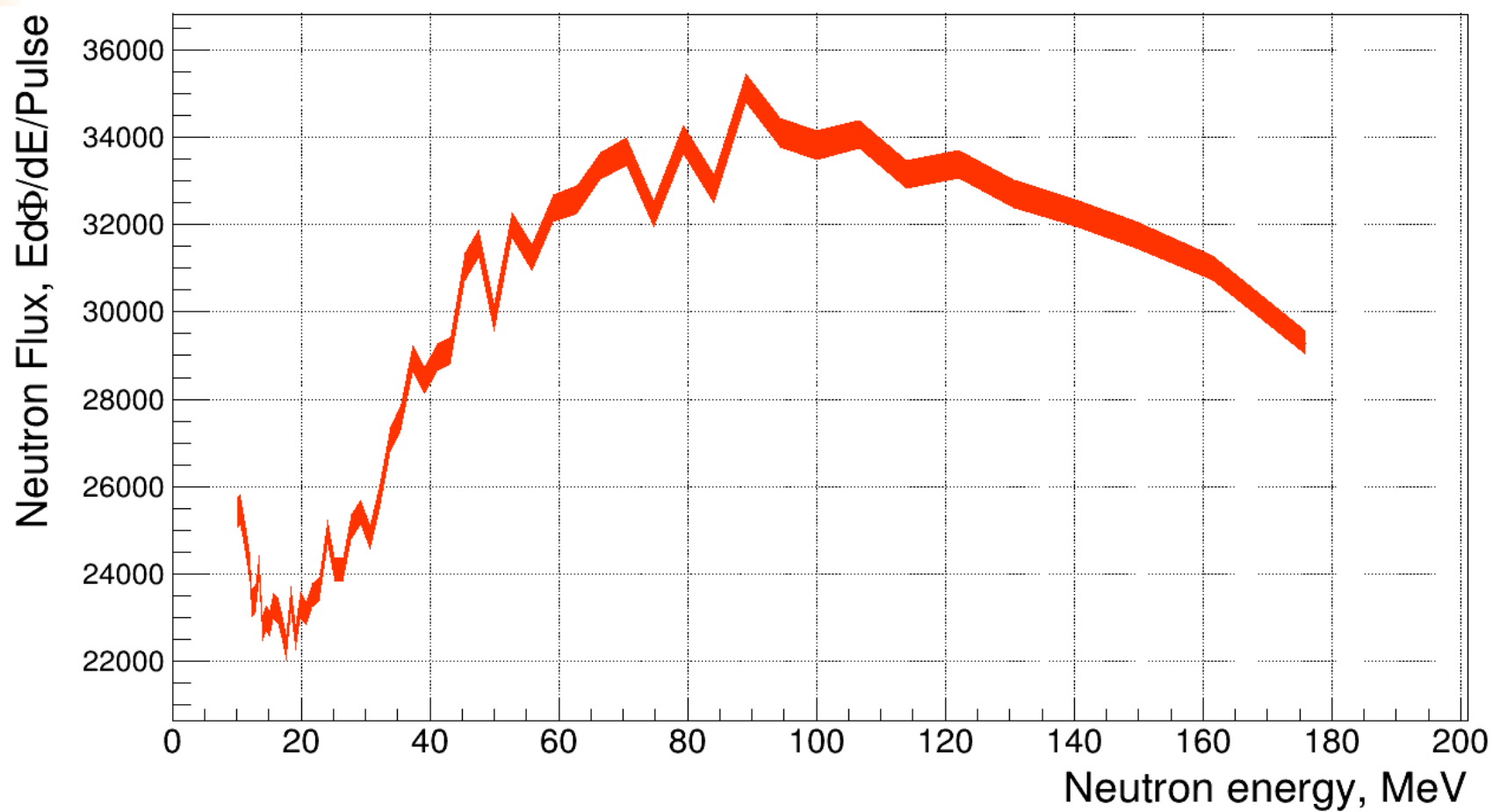
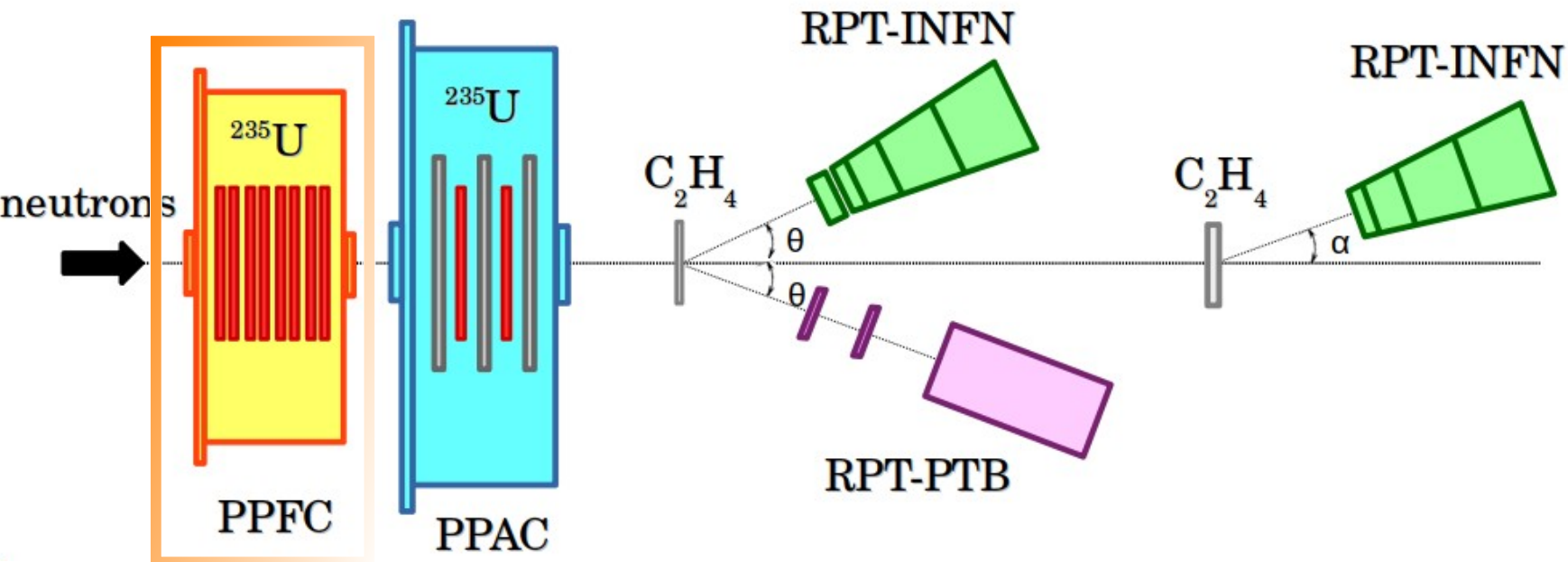


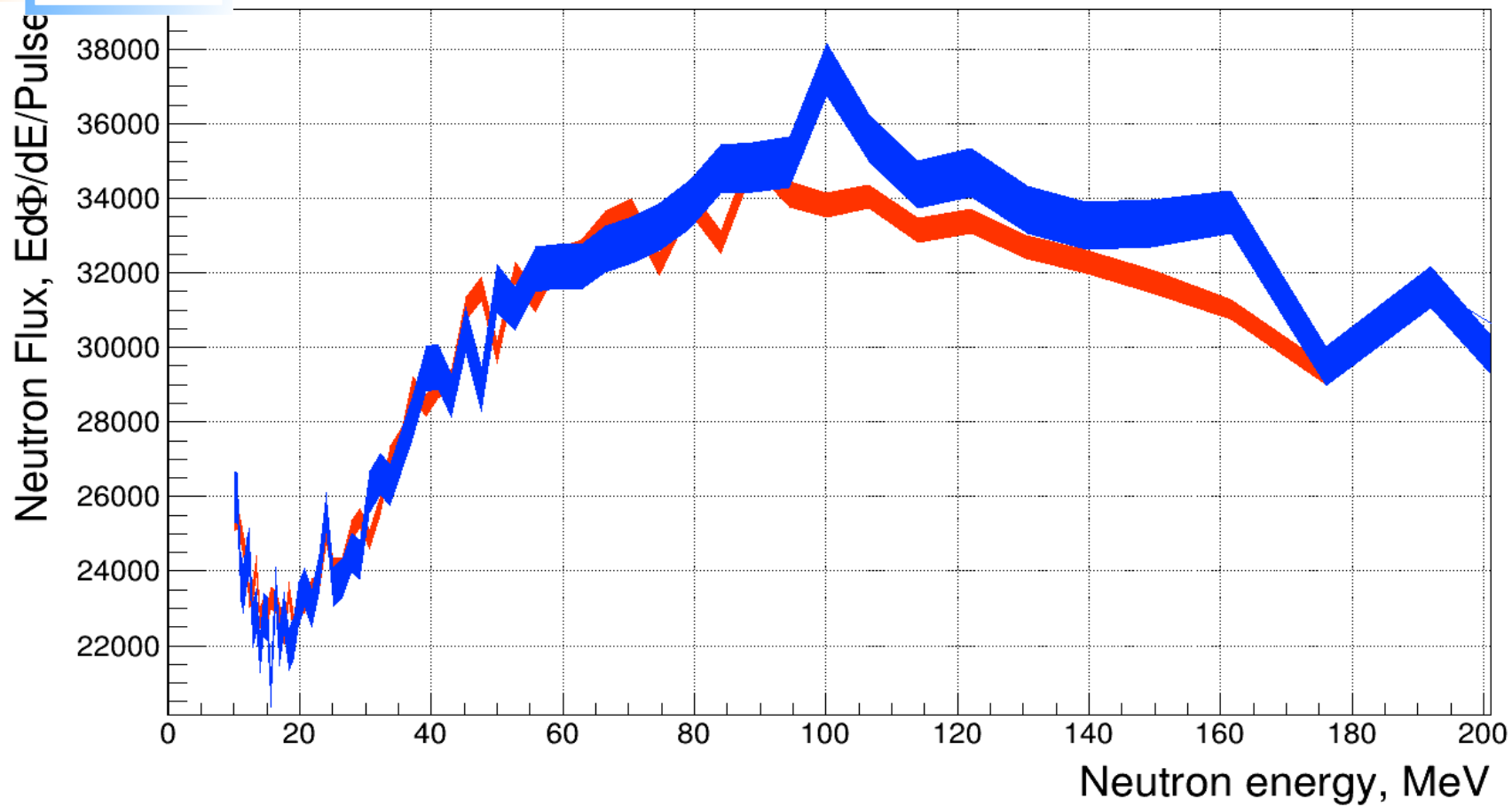
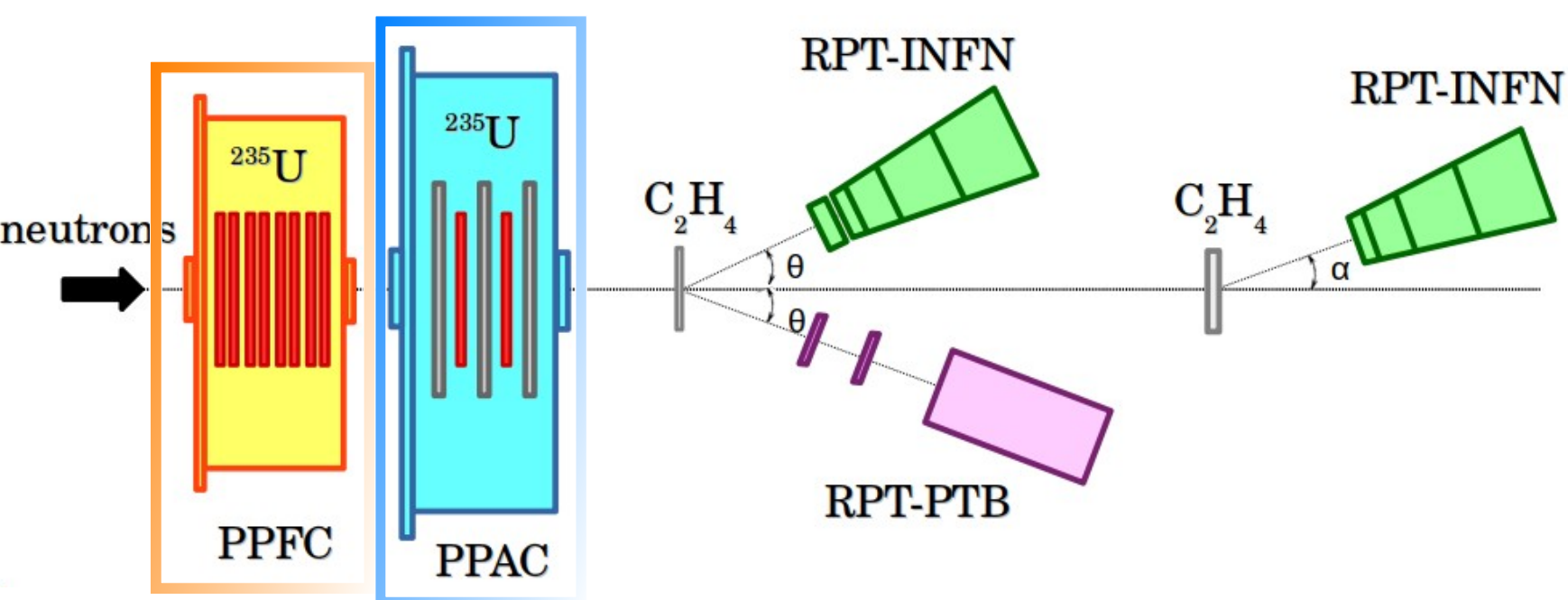
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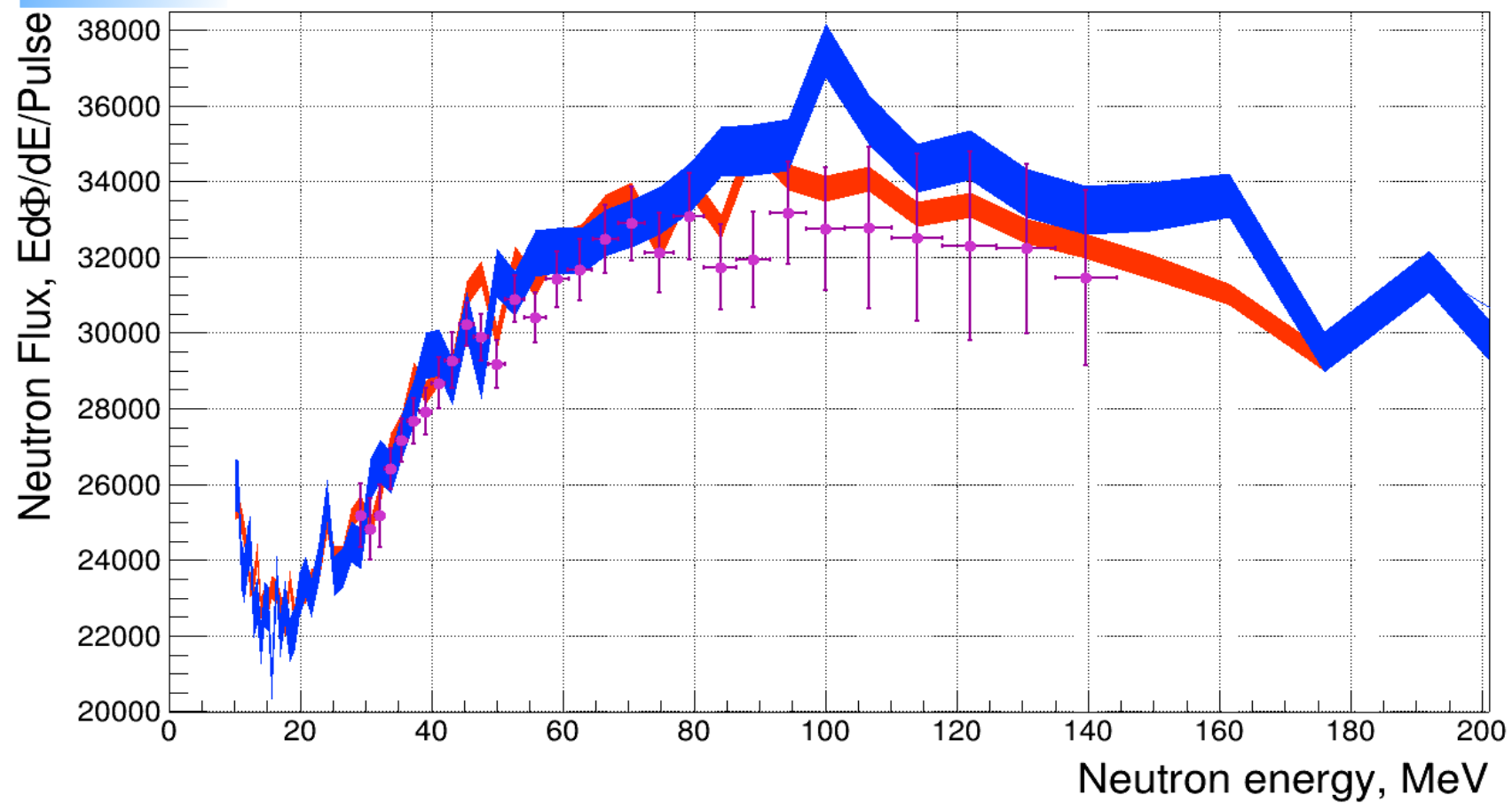
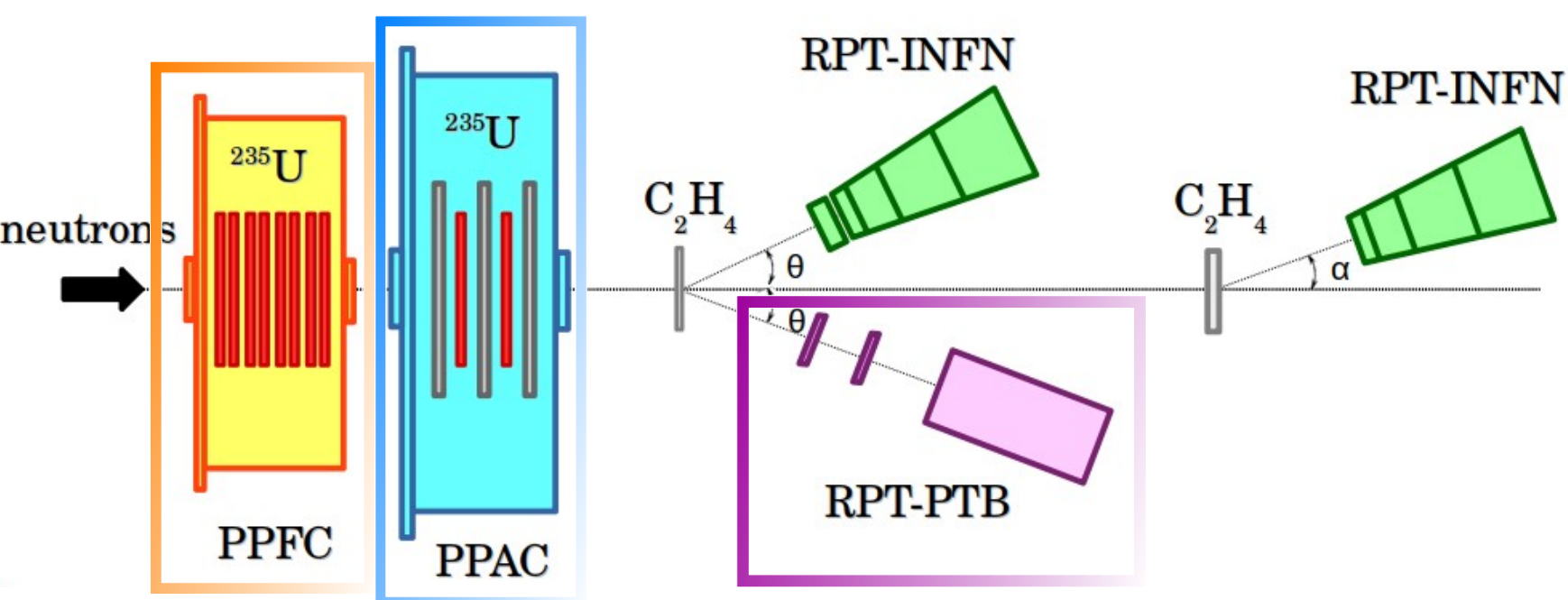


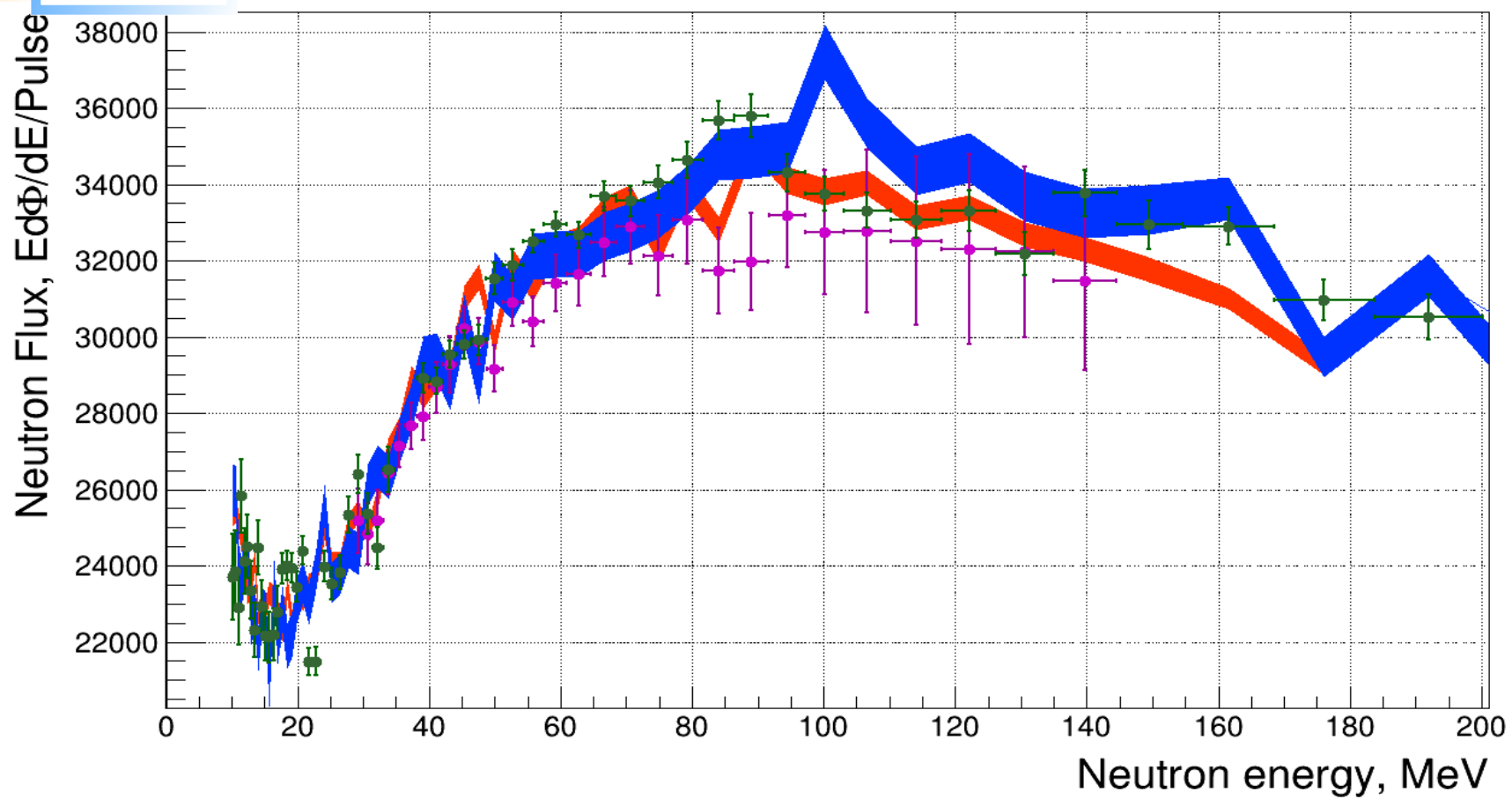
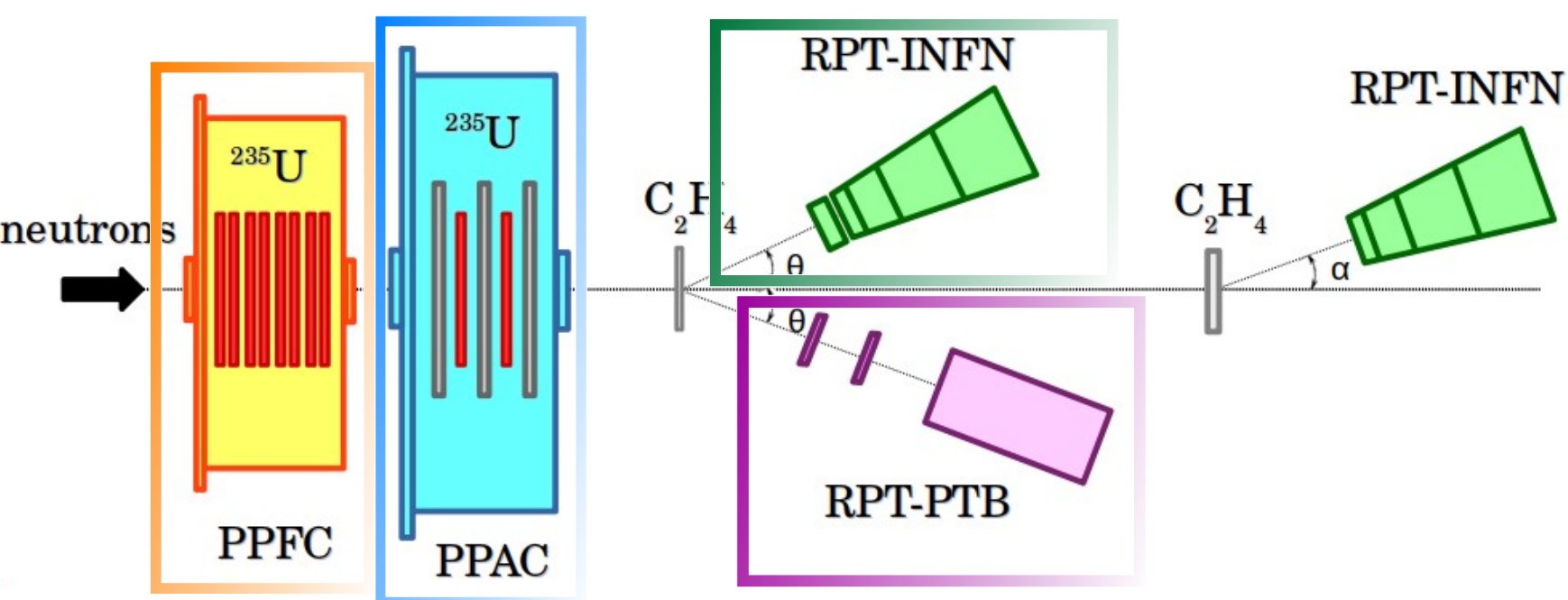
α

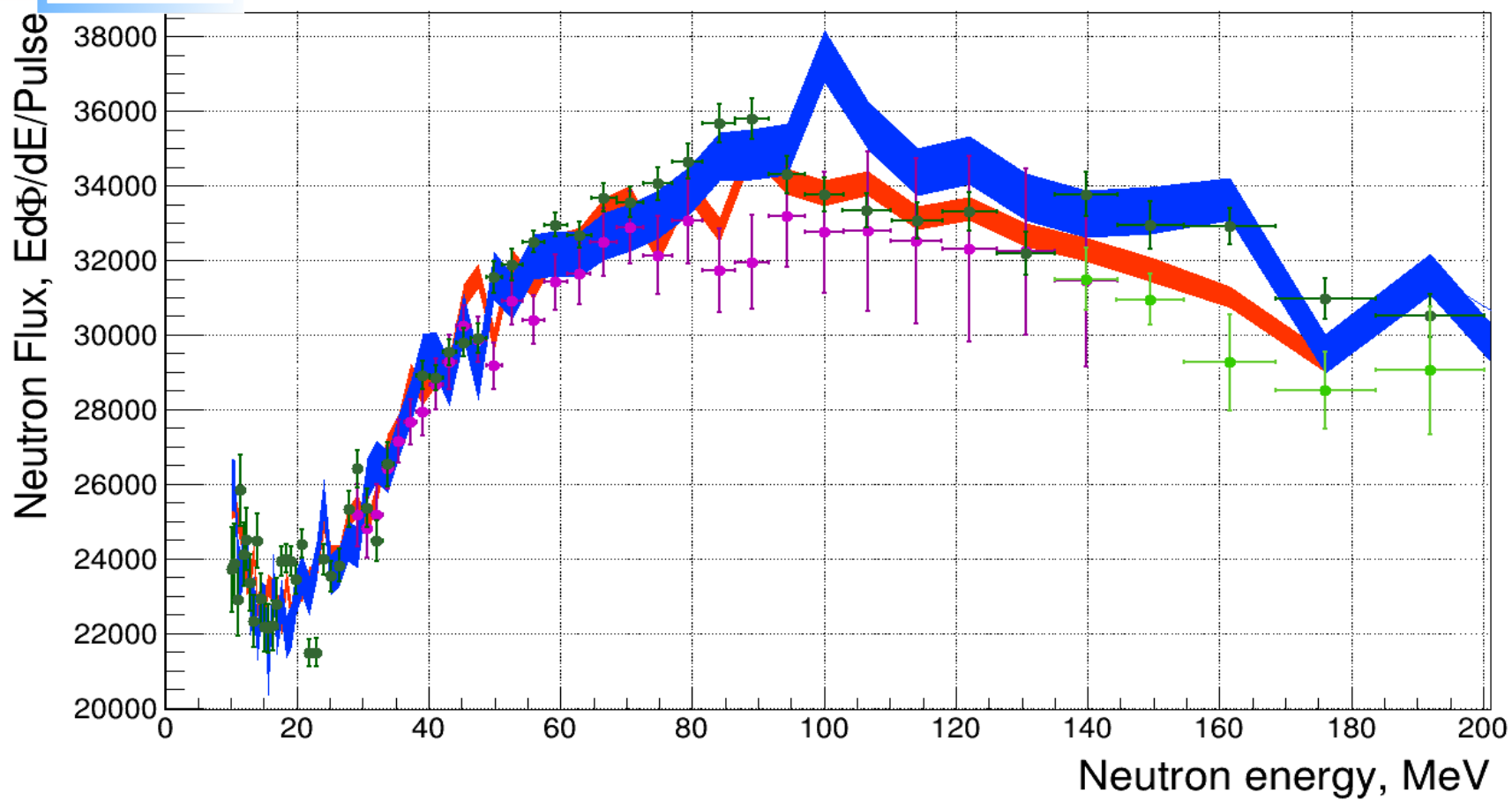
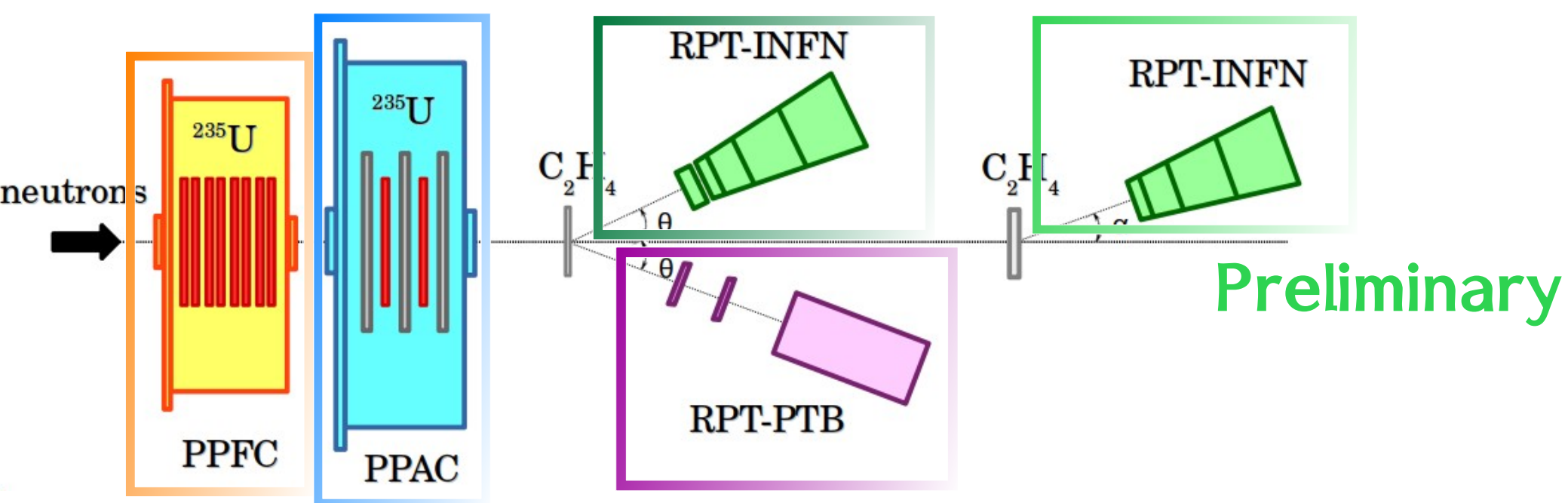




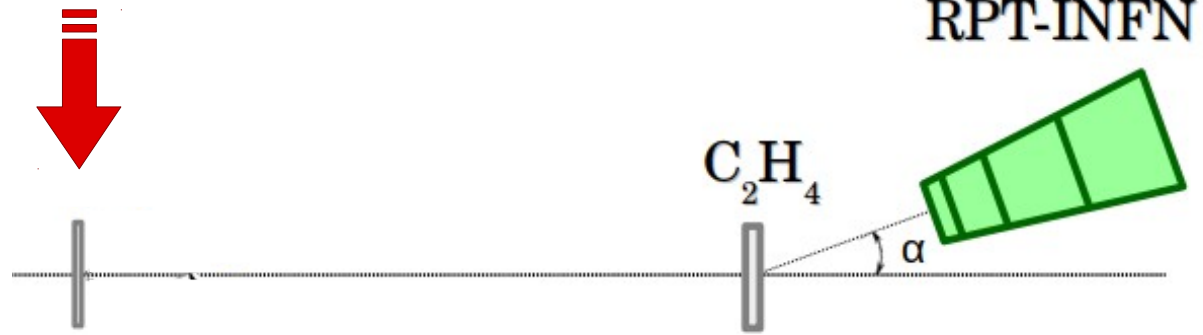




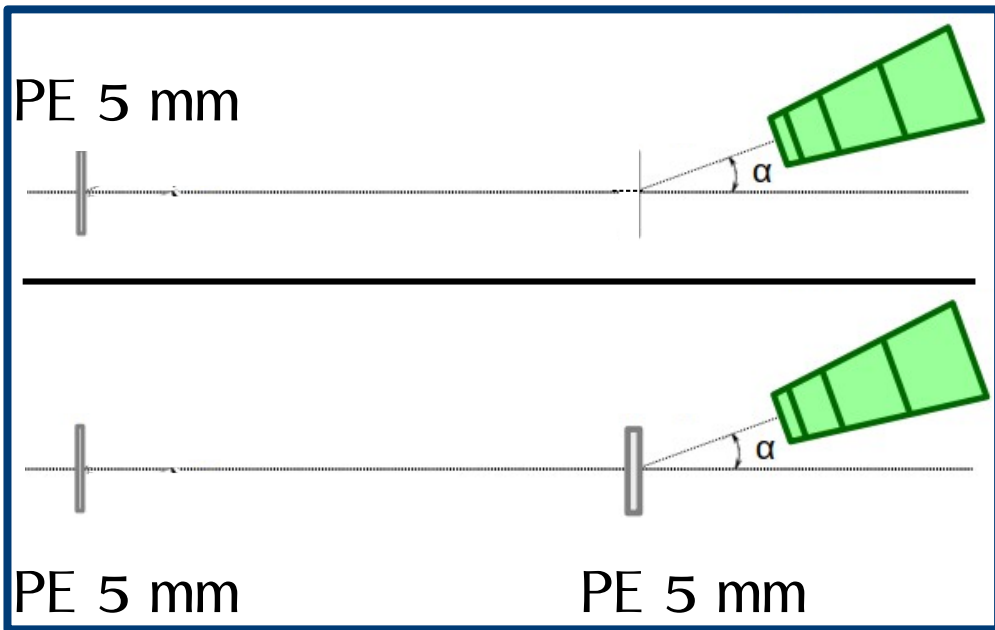




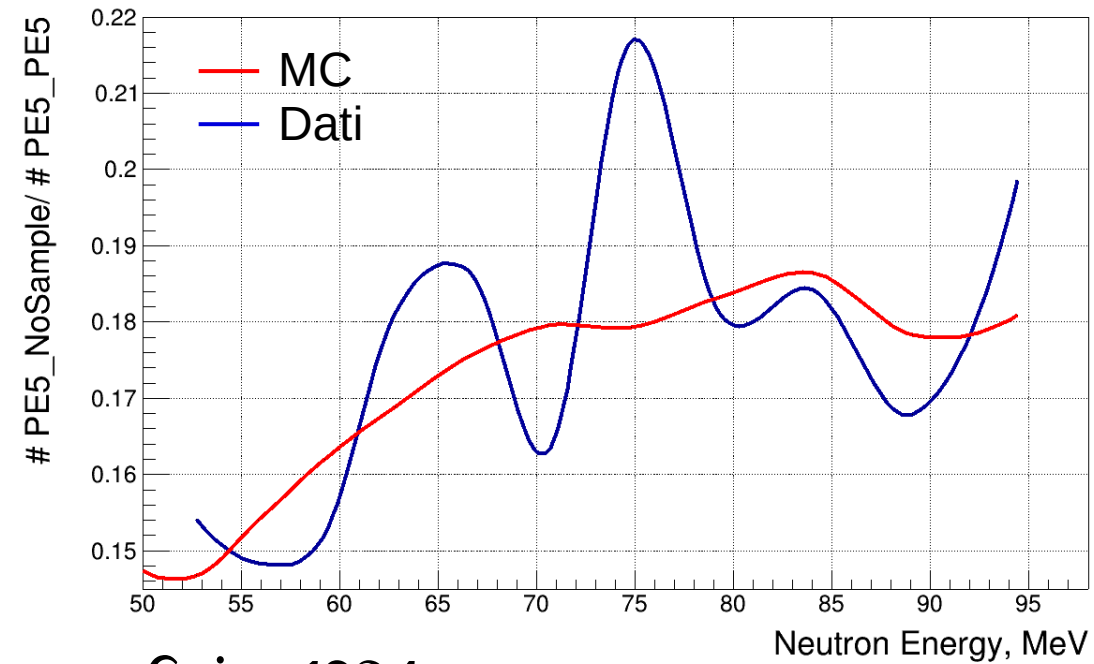
RPTH



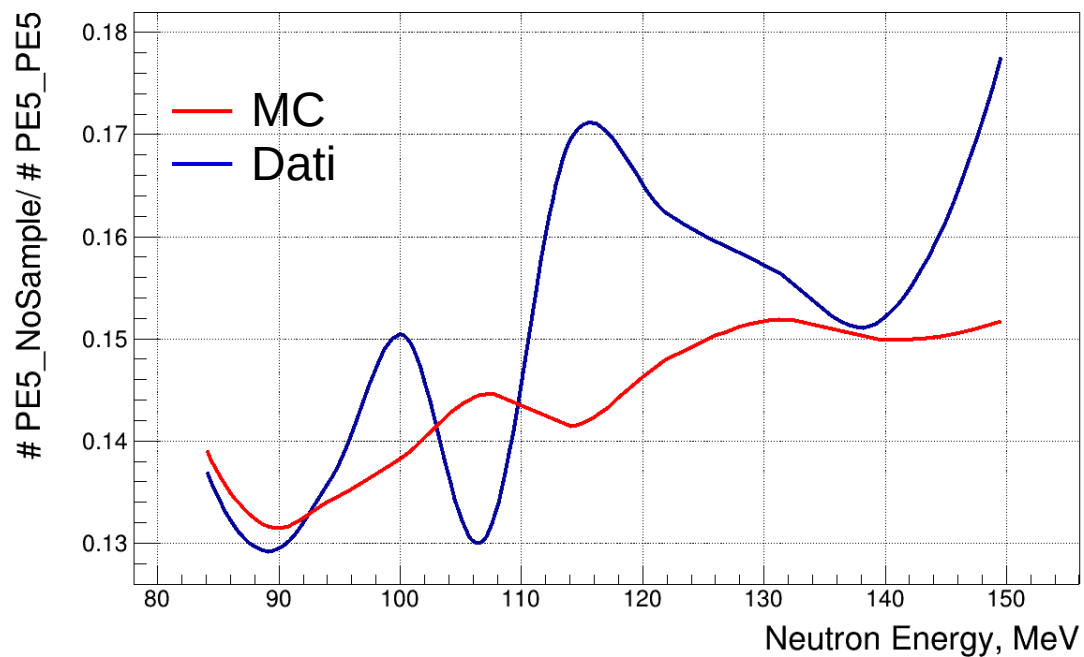
RPTH



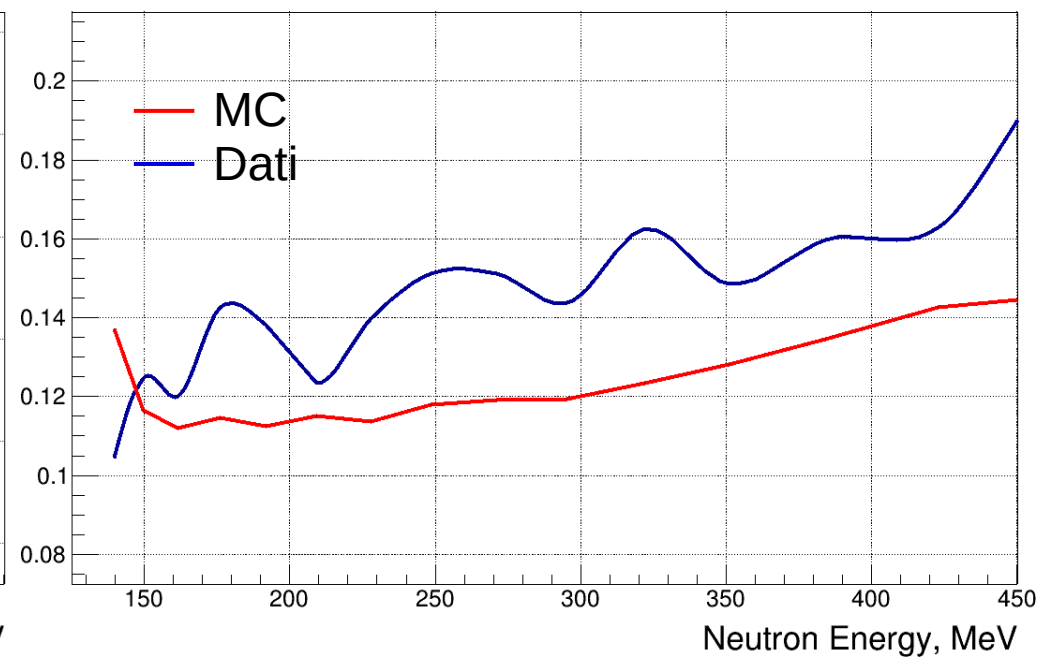
Coinc 12



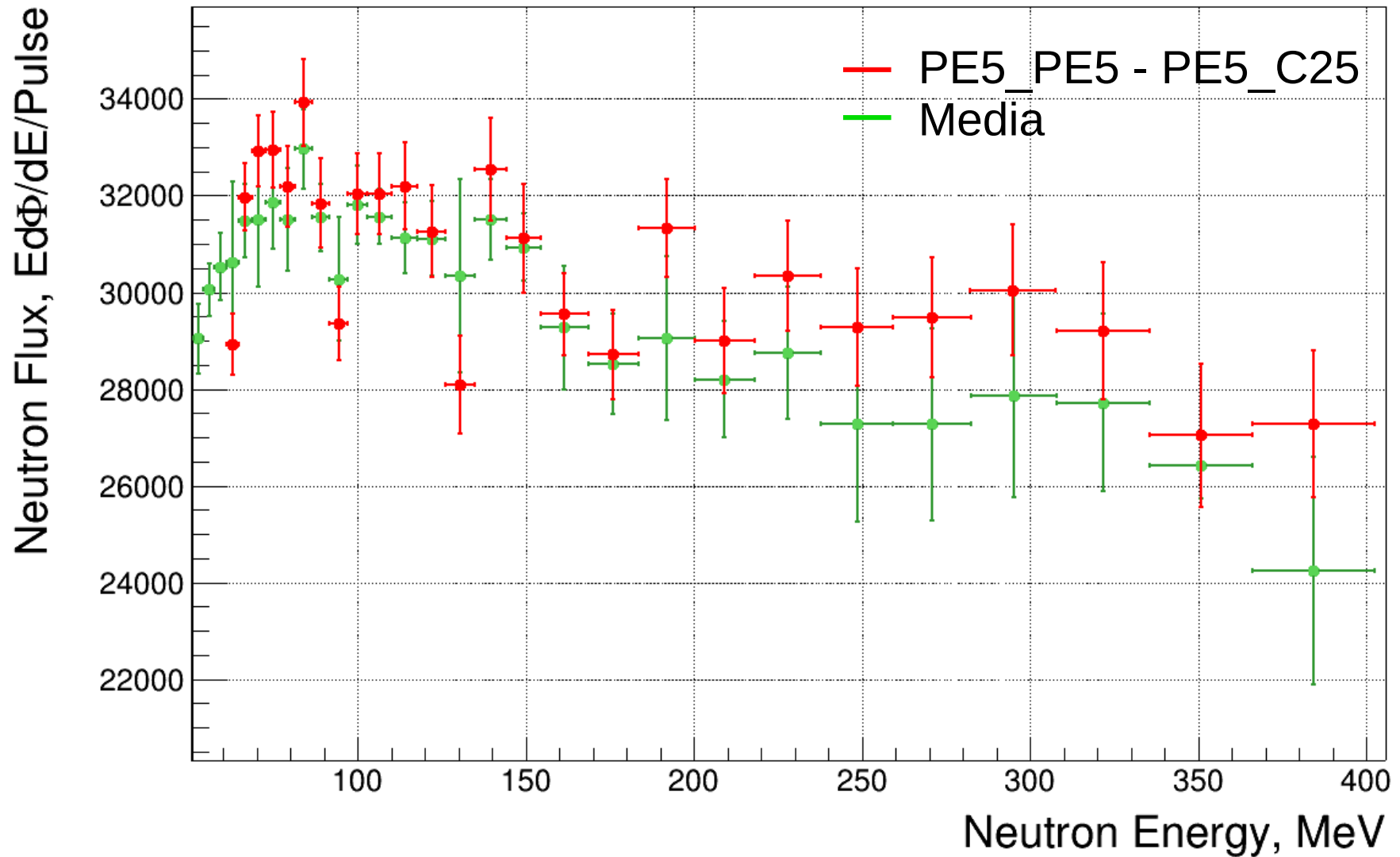
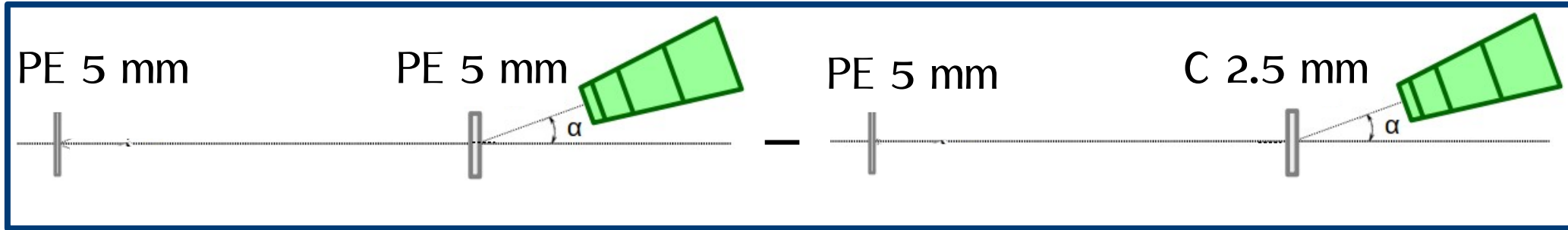
Coinc 123



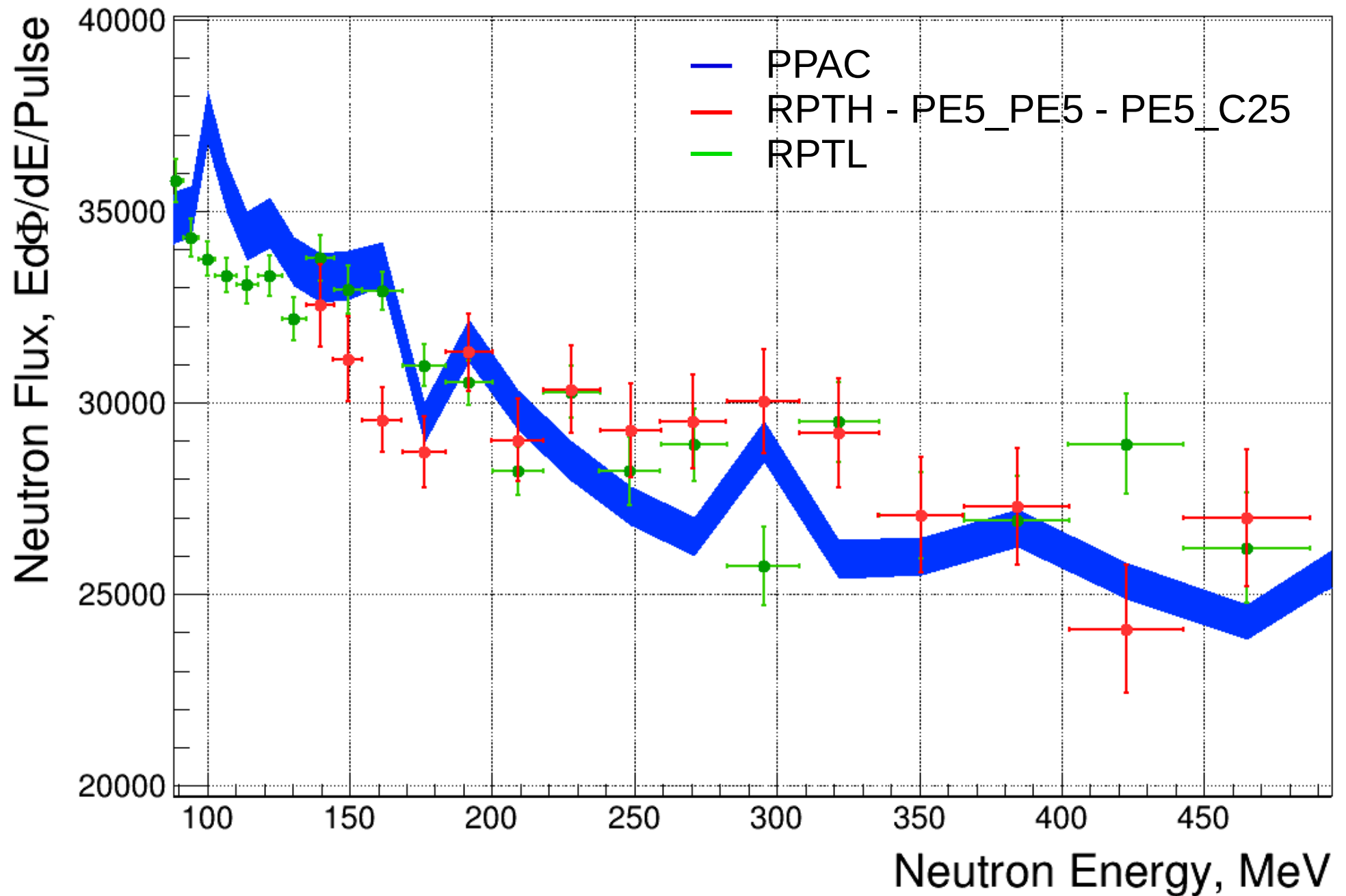
Coinc 1234



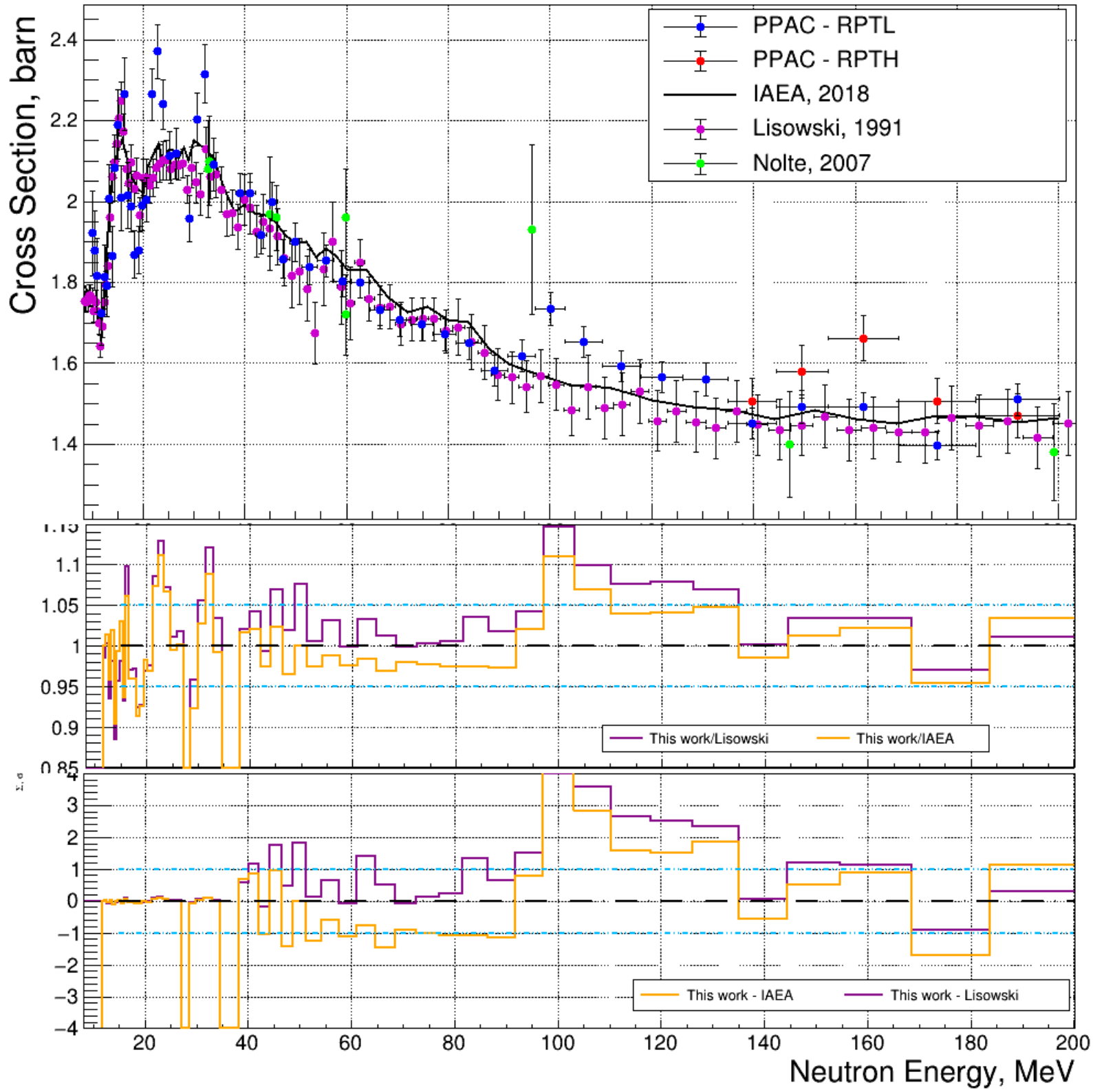
RPTH



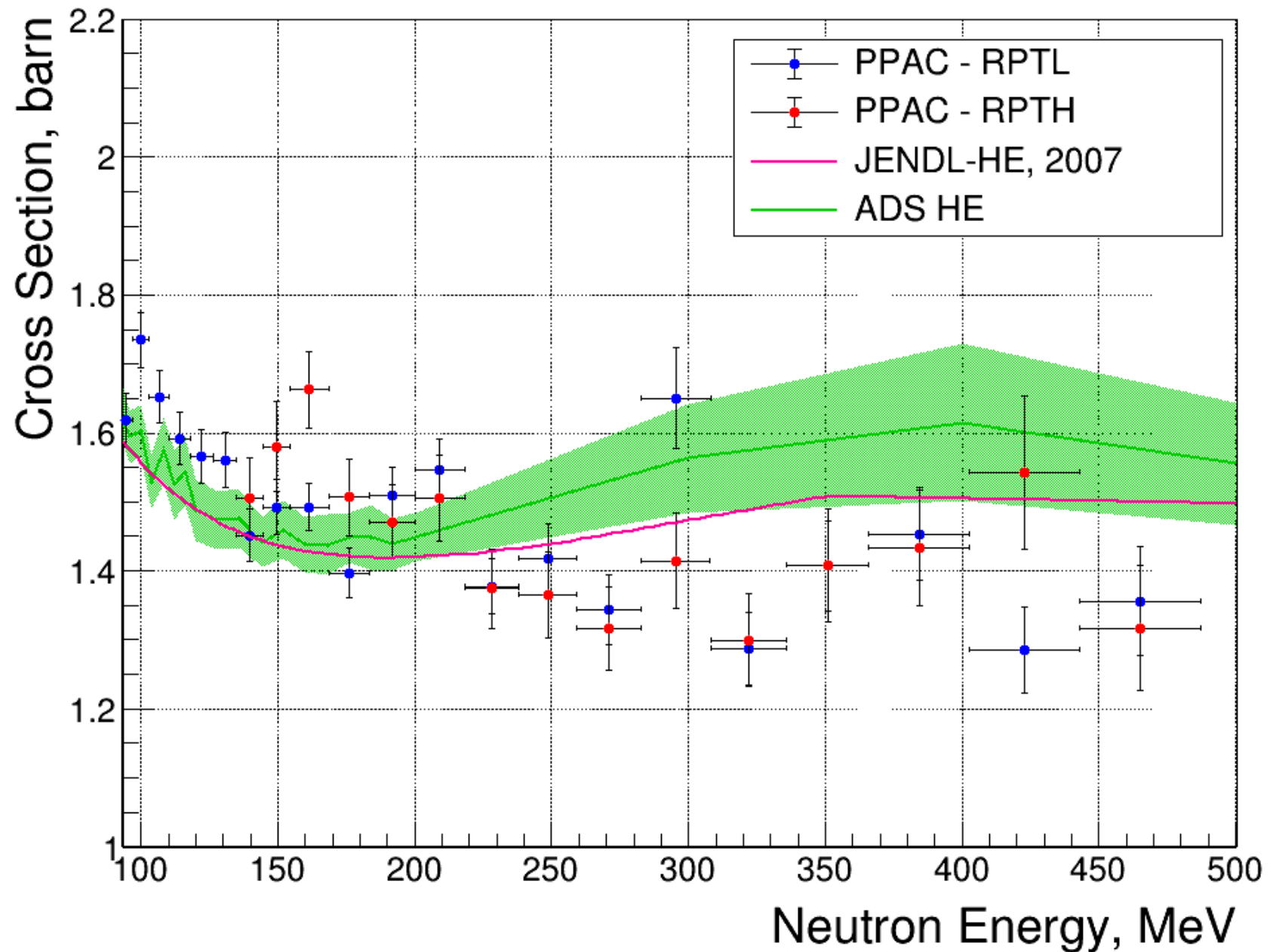
Neutron flux



$^{235}\text{U}(n,f)$ cross section



$^{235}\text{U}(\text{n},\text{f})$ cross section



RPTH / RPTL

