

O-16

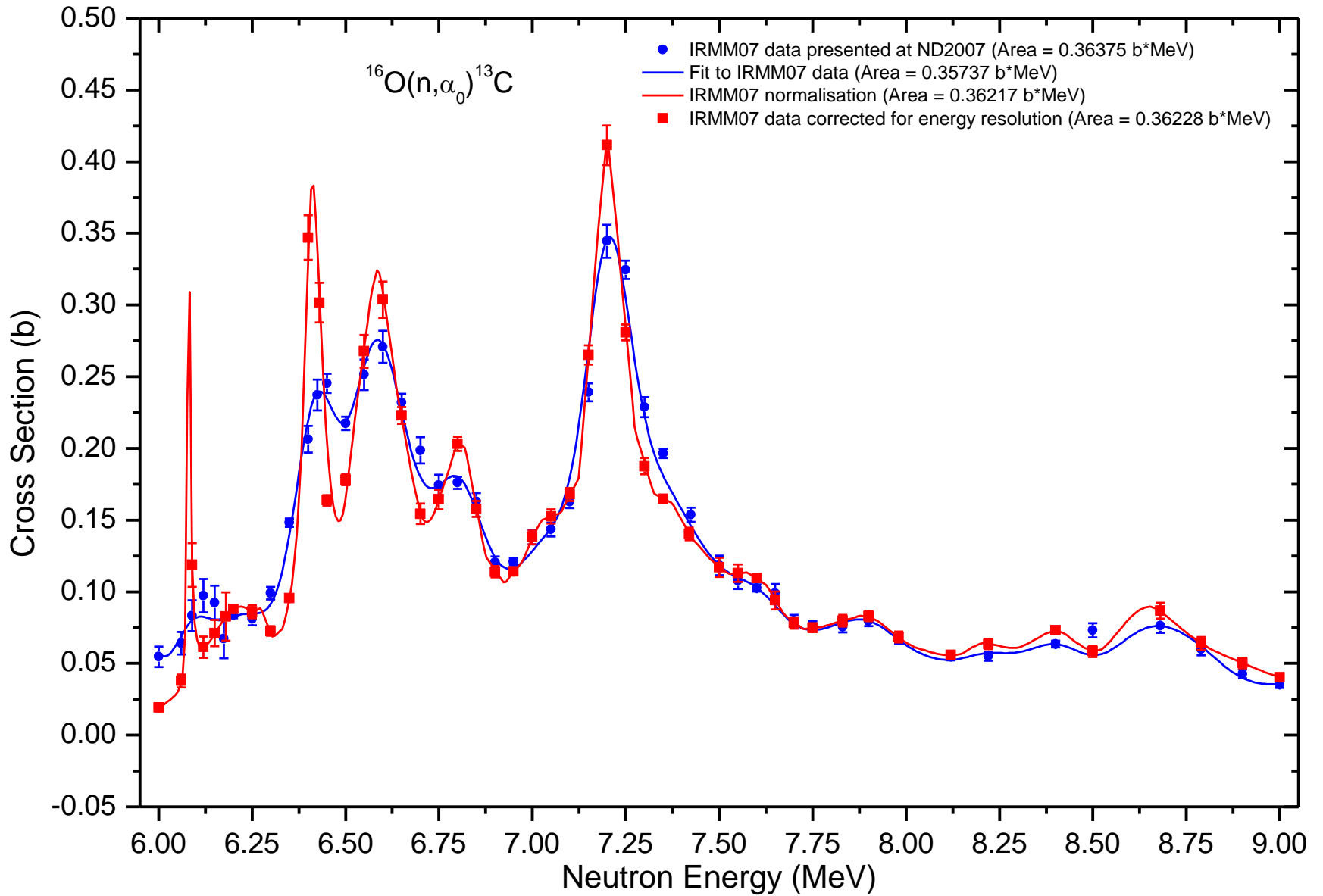
Arjan Plompen
EC-JRC, SN3S unit



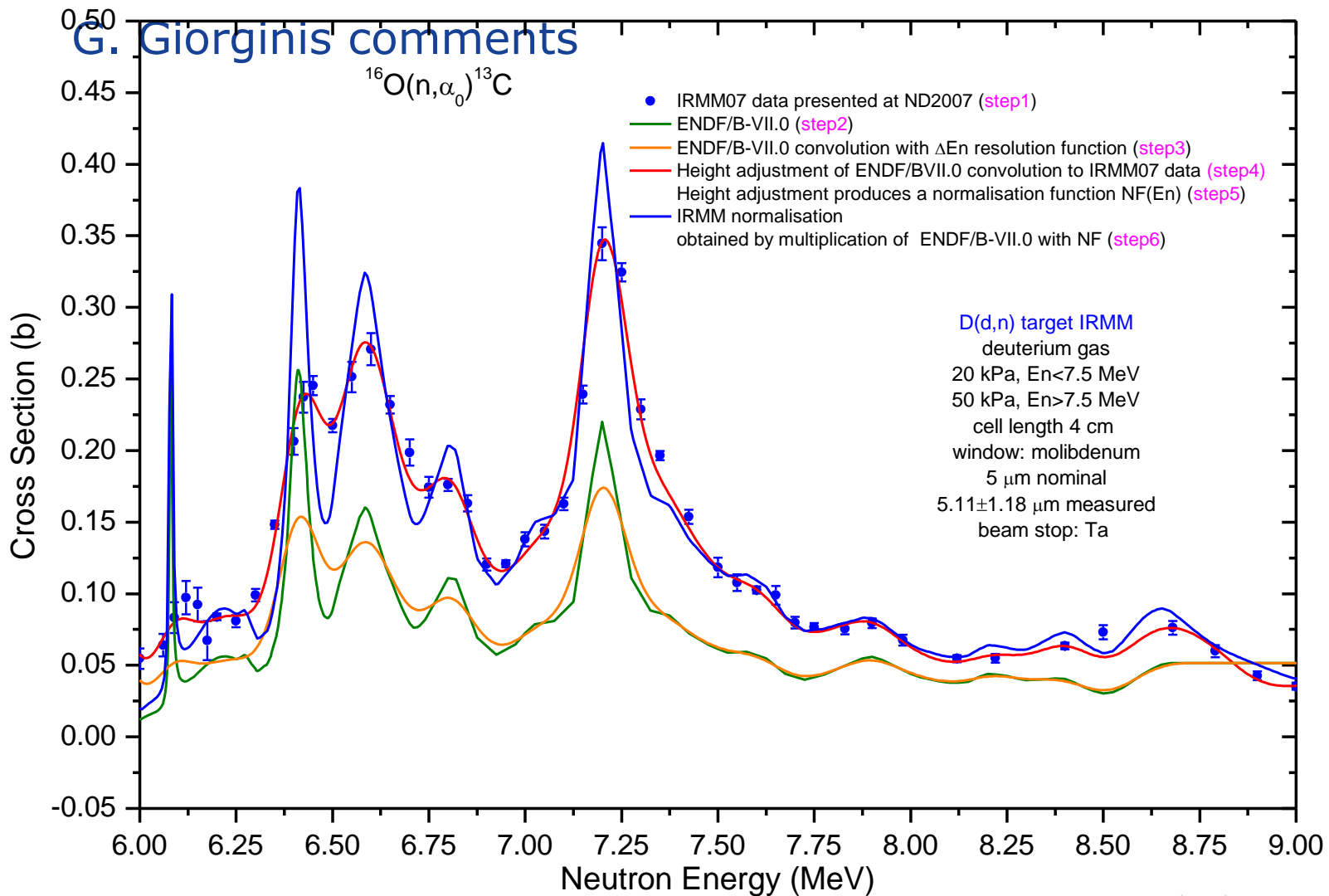
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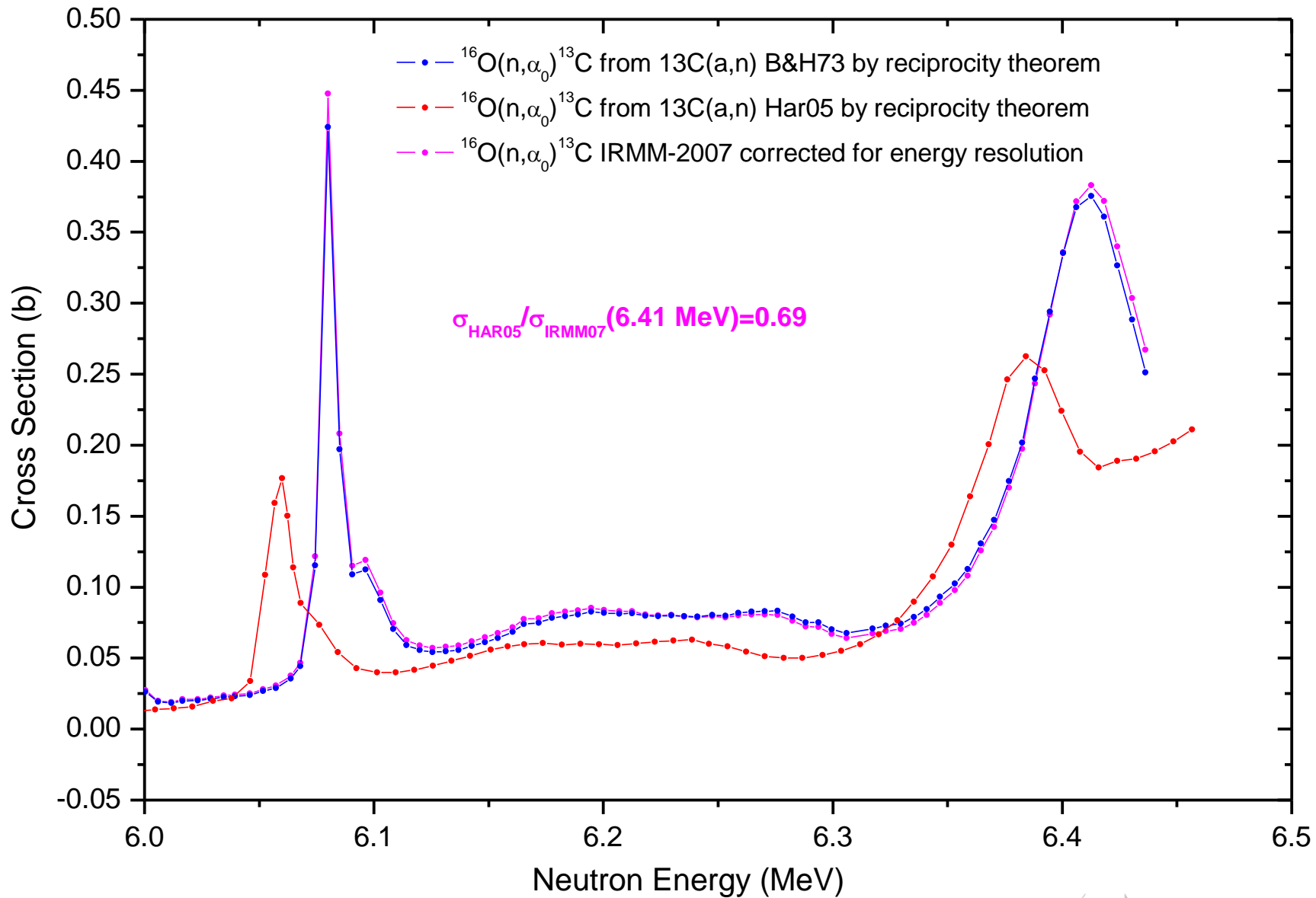


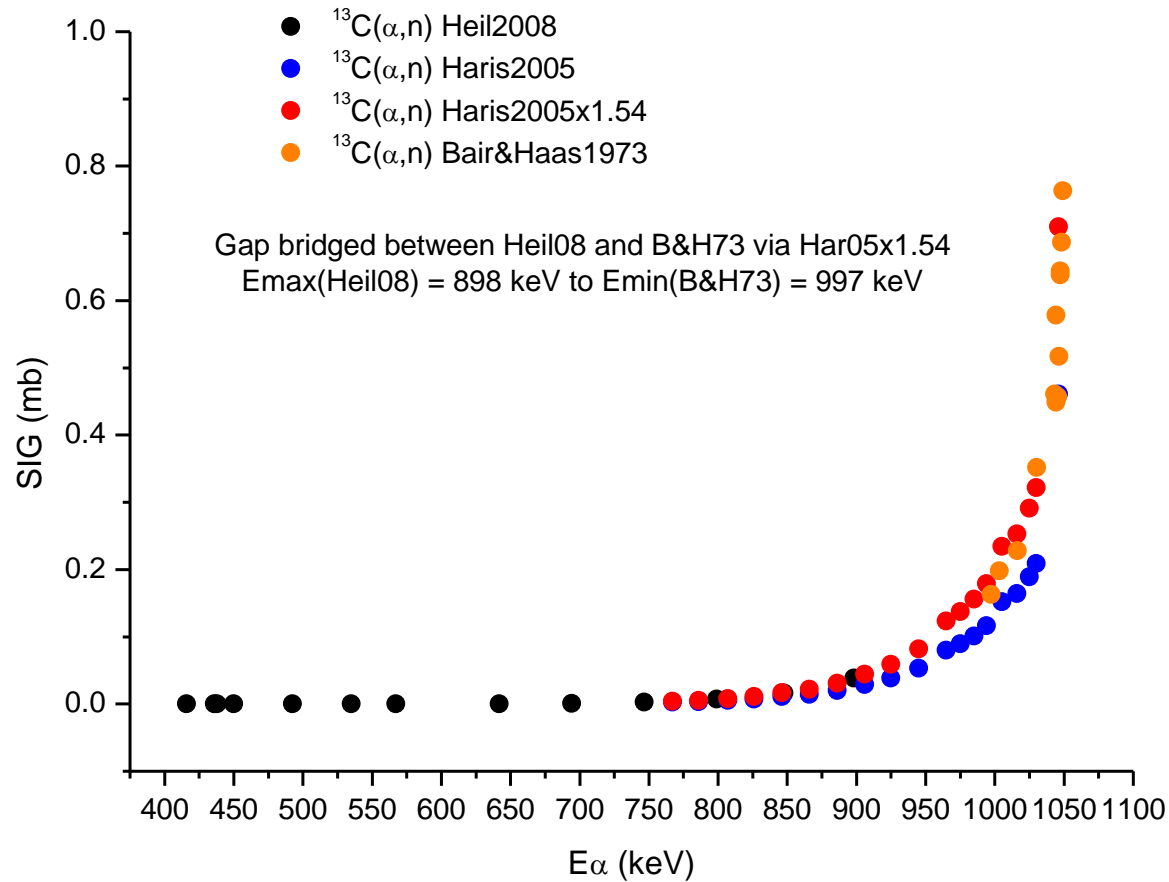
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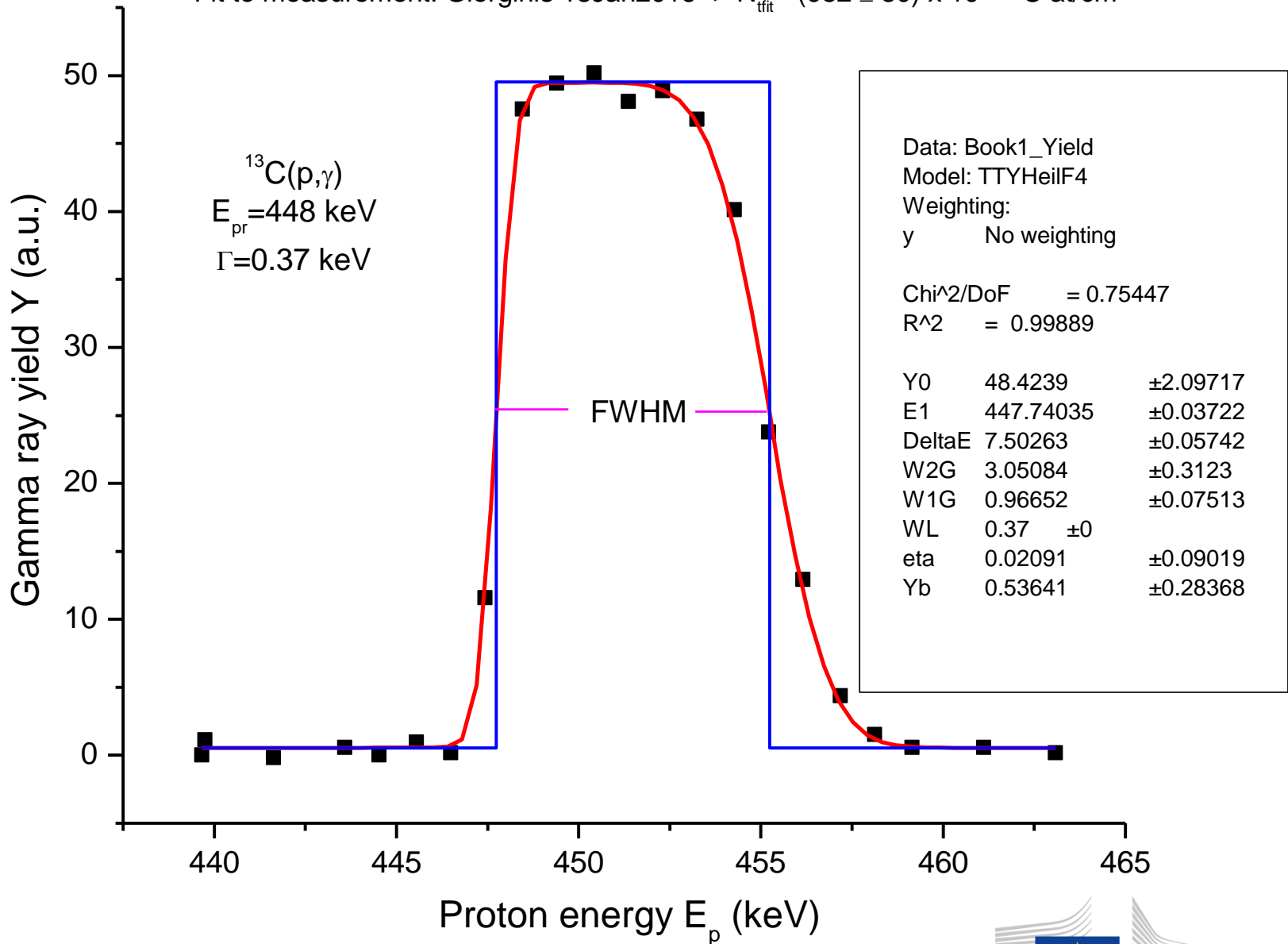
Content







- (Y_g=Y₀,E_p): Mirror image of rectangular ¹³C concentration profile [C(x)=C₀,x]
- Measurement: Heil2008-Fig4-Fresh target, PhD Thesis-> N_{heil} = (983 ± 12) × 10¹⁵ ¹³C at/cm²
- Fit to measurement: Giorginis 18Jan2016 -> N_{ffit} = (982 ± 30) × 10¹⁵ ¹³C at/cm²



— (Y_g=Y₀,E_p): Mirror image of step ¹³C concentration profile [C(x)=C₀,x], thick target

■ Measurement: Bair&Haas1973-Fig1 -> Γ_{exp}=2.0 keV, Γ_L=1.9 keV

— Fit to measurement, Pseudo-Voigt: Giorginis 05Feb2016 -> Γ_L=1.97 keV, Γ_G=4.20 keV, Y₀=352.28

