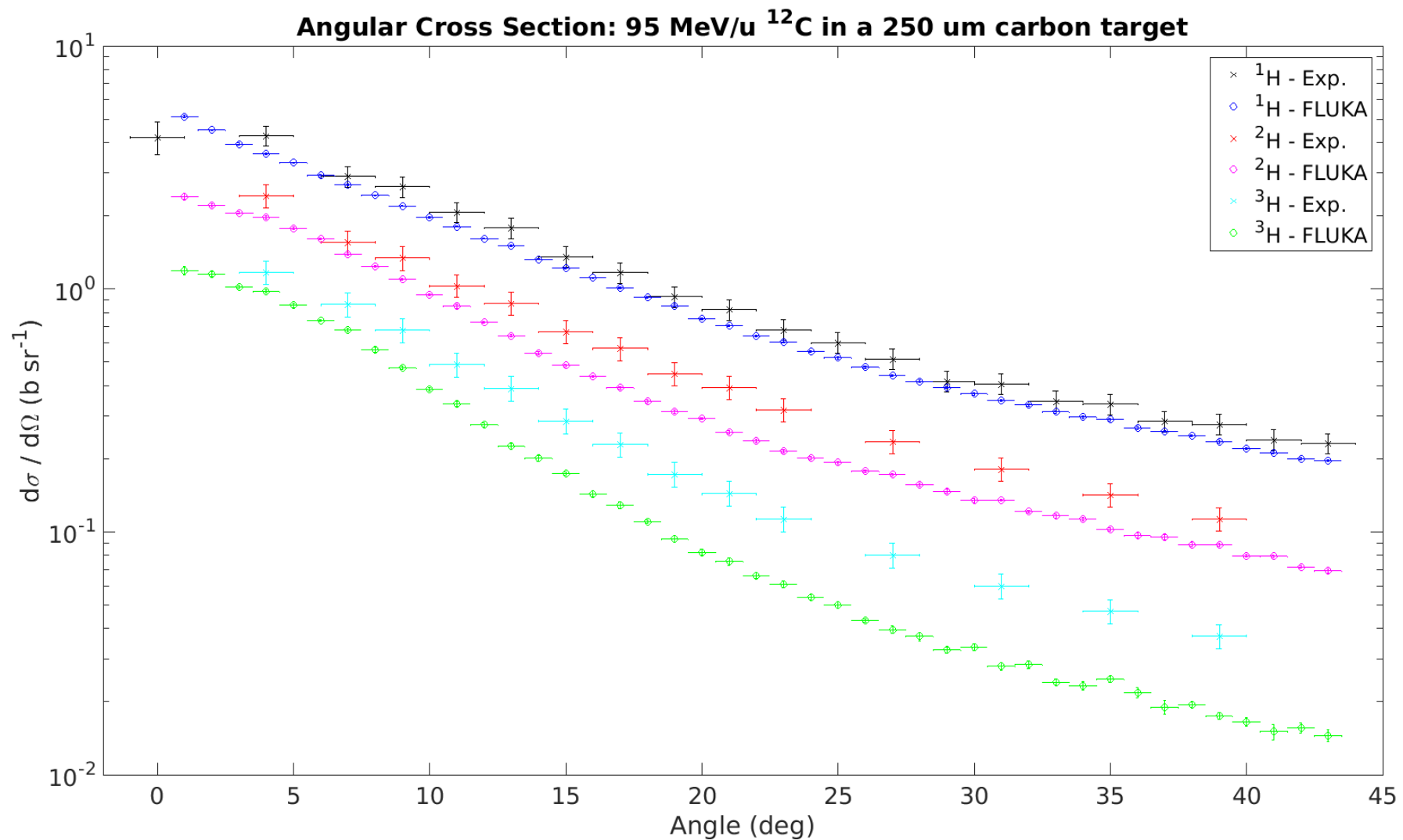


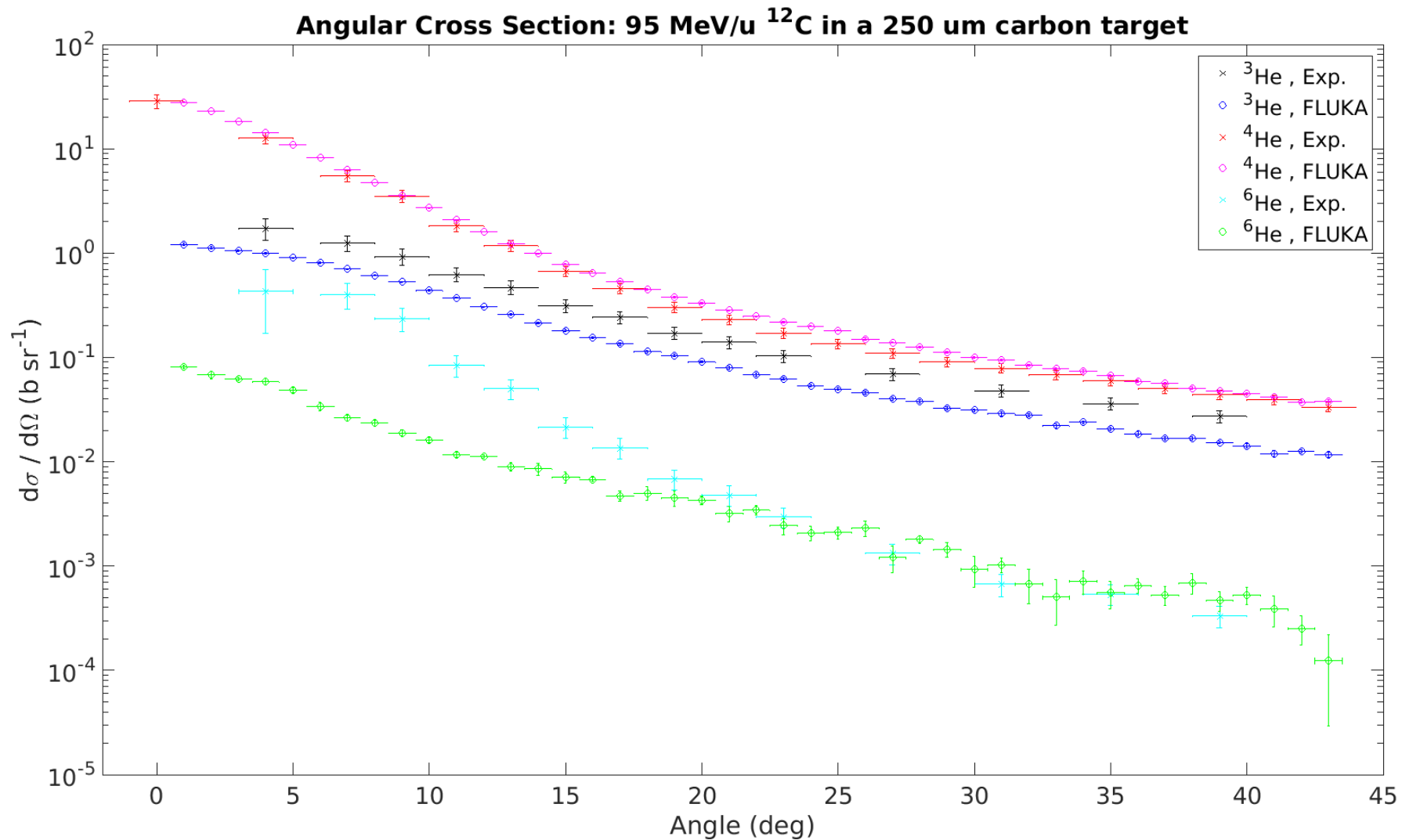
Something about the expected cross sections

GB SV ADC



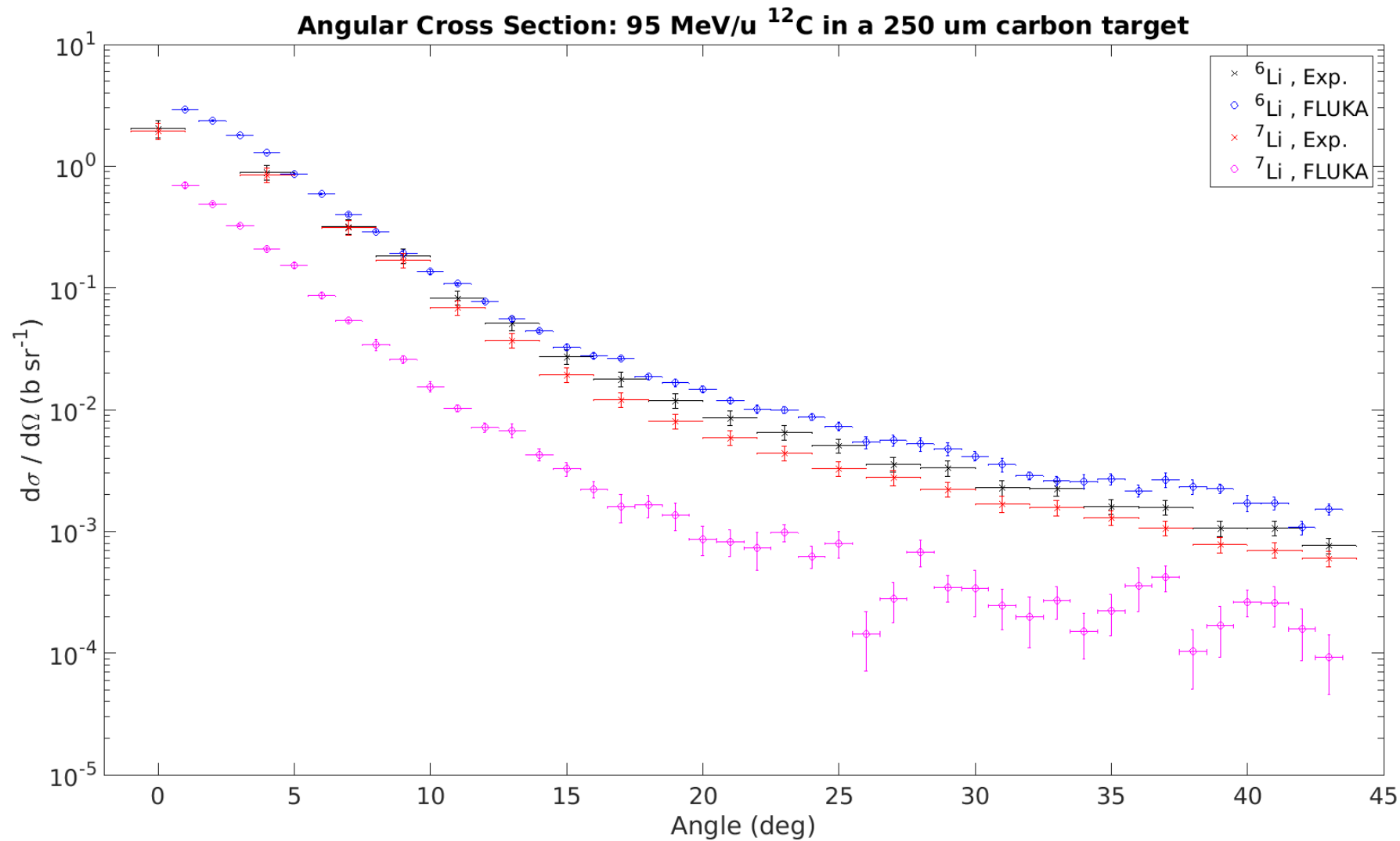
Fluka vs Exp

- ✓ Agreement for ^1H
- Underestimation of ^2H
- Underestimation of ^3H



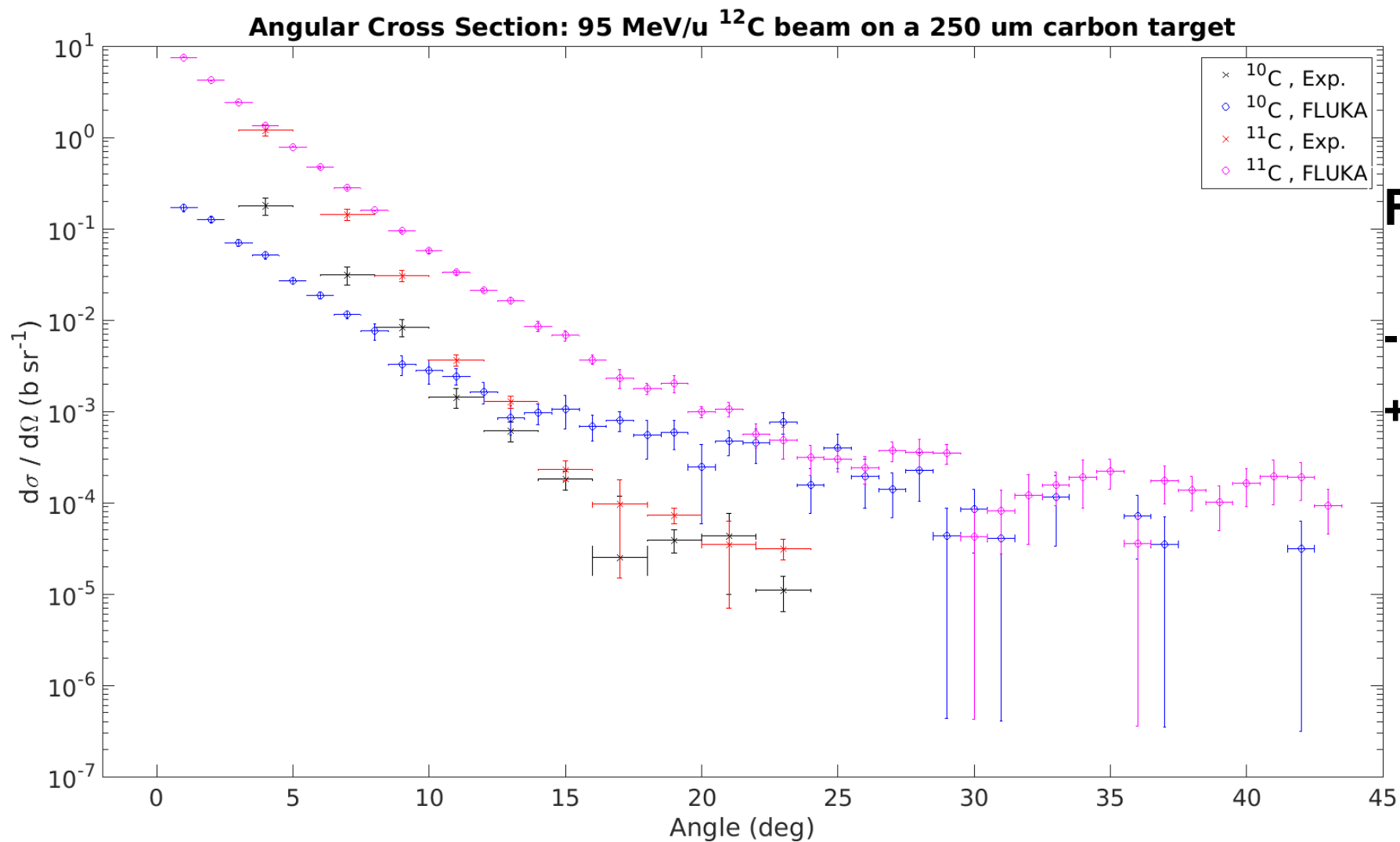
Fluka vs Exp

- Underestimation of ^3He
- ✓ Agreement for ^4He
- Underestimation of ^6He



Fluka vs Exp

- ✓ Agreement for ^6Li
- Underestimation of ^7Li

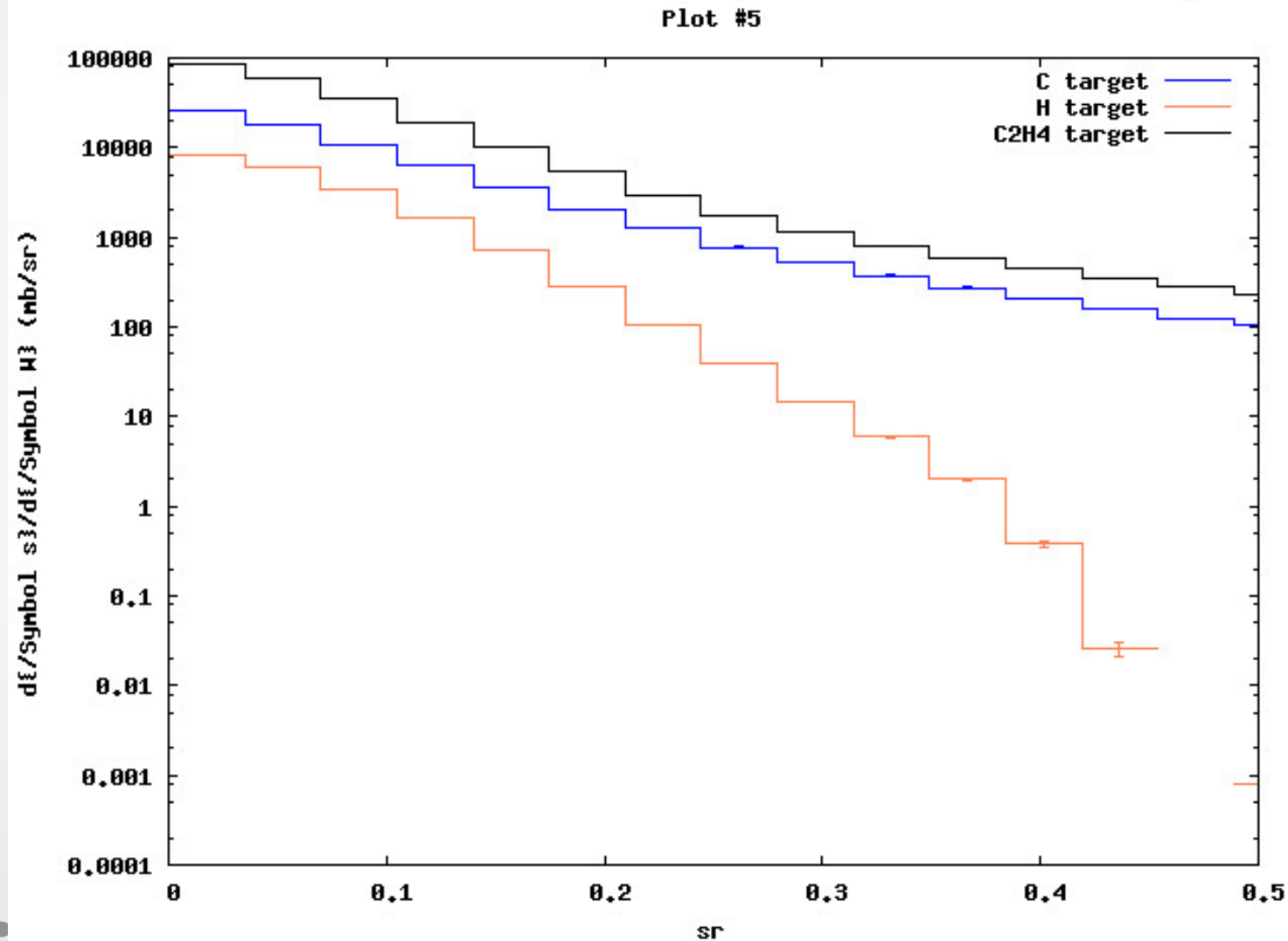


Fluka vs Exp

- + Under-Over for ^{10}C

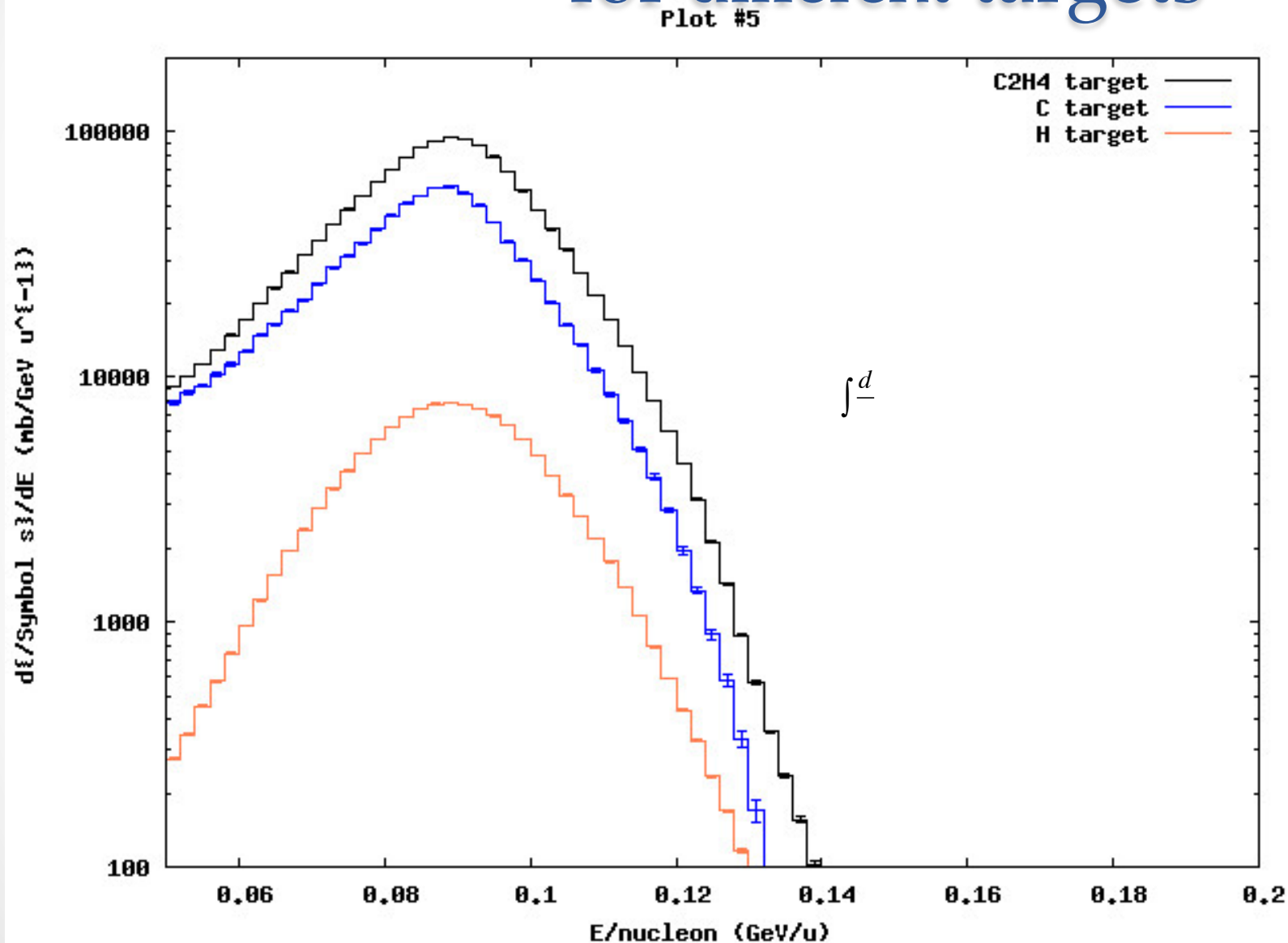
+ Overestimation of ^{11}C

^4He : FLUKA prediction at 95 MeV/u for different targets



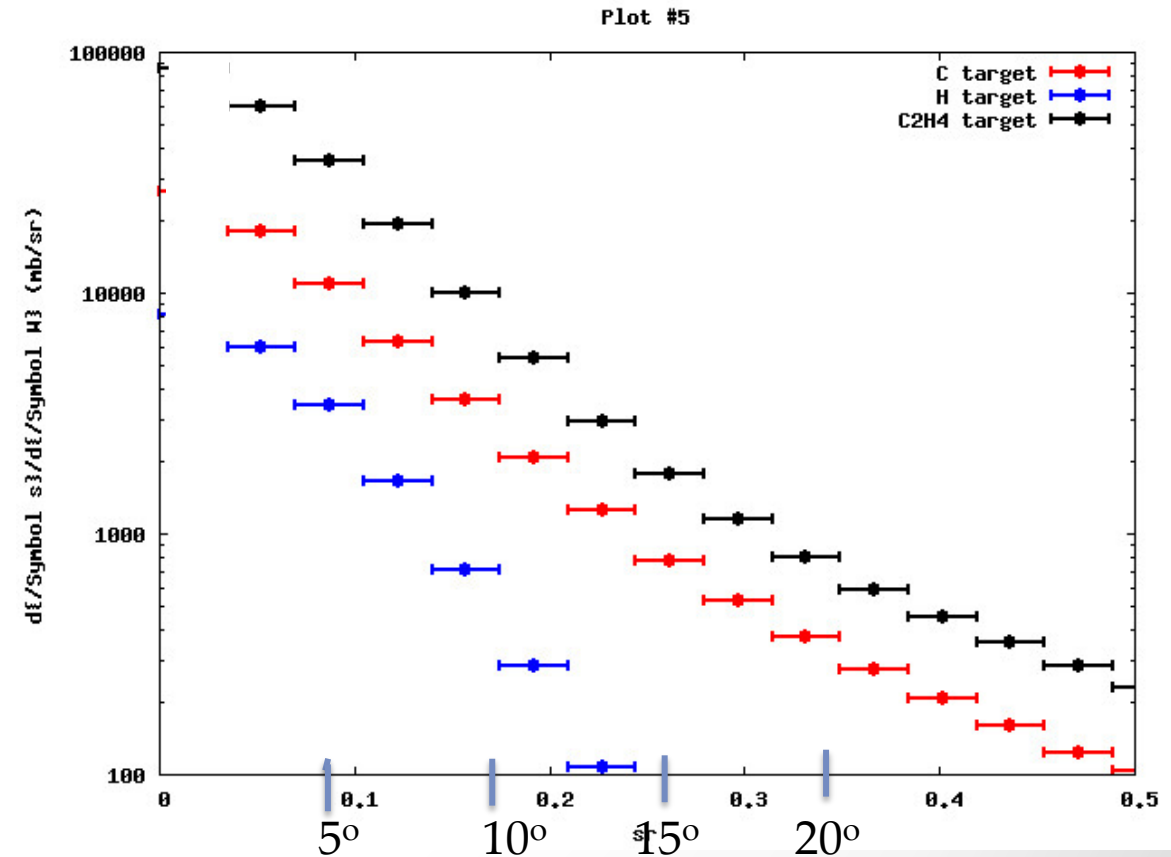
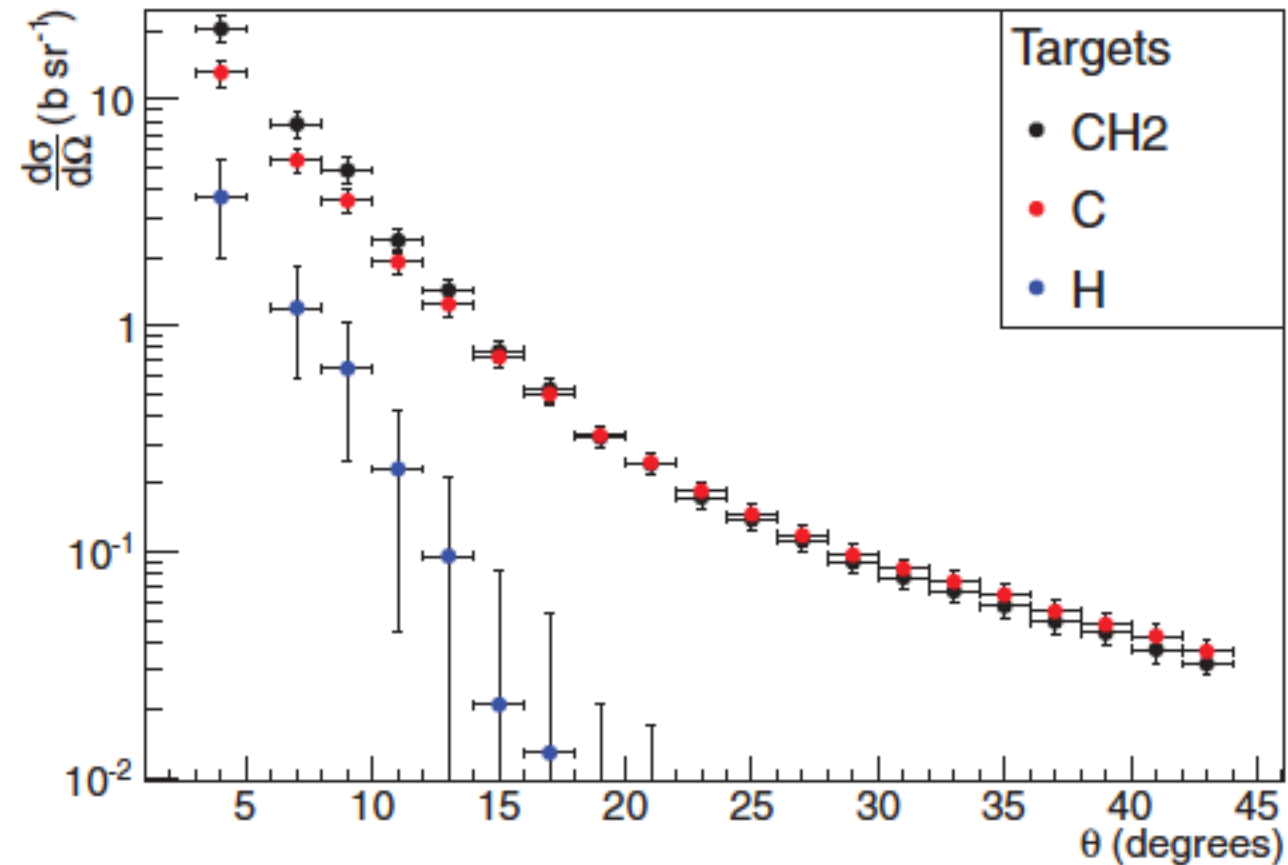
^4He : FLUKA prediction at 95 MeV/u

for different targets



$$\frac{\int \frac{d\sigma(C \rightarrow ^4\text{He})}{dE} dE \Big|_H}{\int \frac{d\sigma(C \rightarrow ^4\text{He})}{dE} dE \Big|_{C_2H_4}} \sim 13.4$$

Ganil 95 MeV/u vs FLUKA 2017



In the FOOT simulation ^{12}C @200 MeV/u (*Antonia et al.*)

