

Cross sections with/without Radiative Effects Comparison

❖ **Inclusive_e generator+ radiative effects----- David Flay**

https://github.com/JeffersonLab/evgen_inclusive_e/tree/dflay_dev

- Add some improvements

❖ **Compare the outputs from the updated “inclusive_e” generator to the available data.**

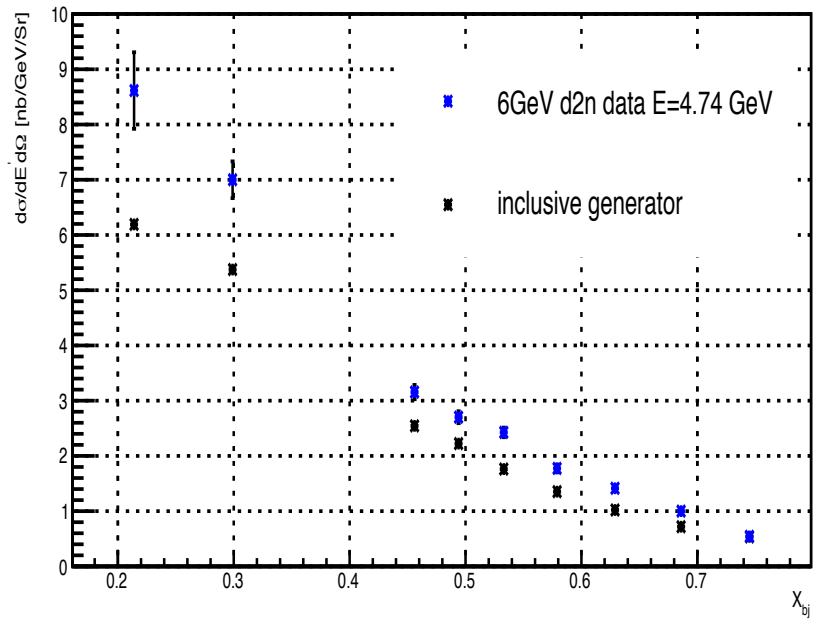
- **6 GeV d2n data**----David’s thesis tables

- **11GeV data:**

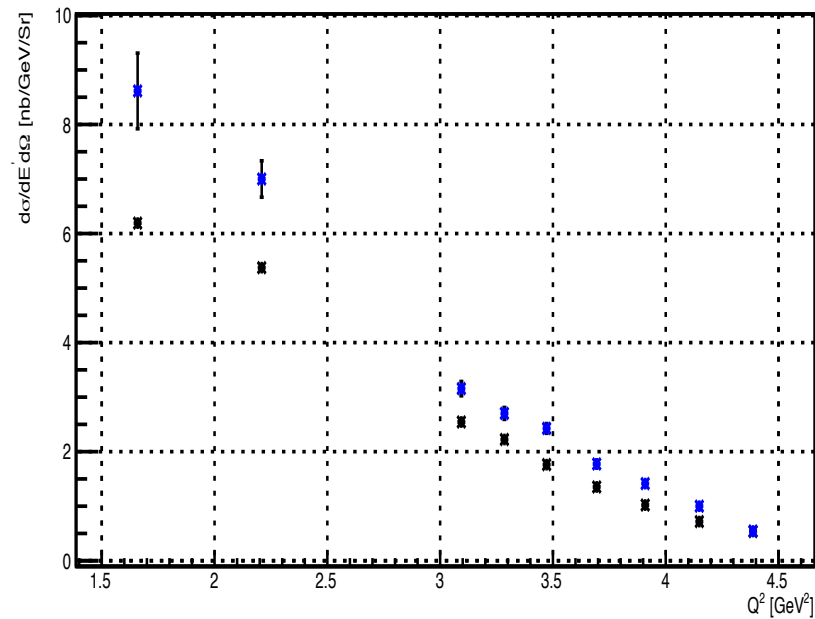
- 1) Born cross sections(without radiative effects) were compared with MARATHON ³He target data

- 2) Experimental cross sections (with radiative effects)---to-do list?

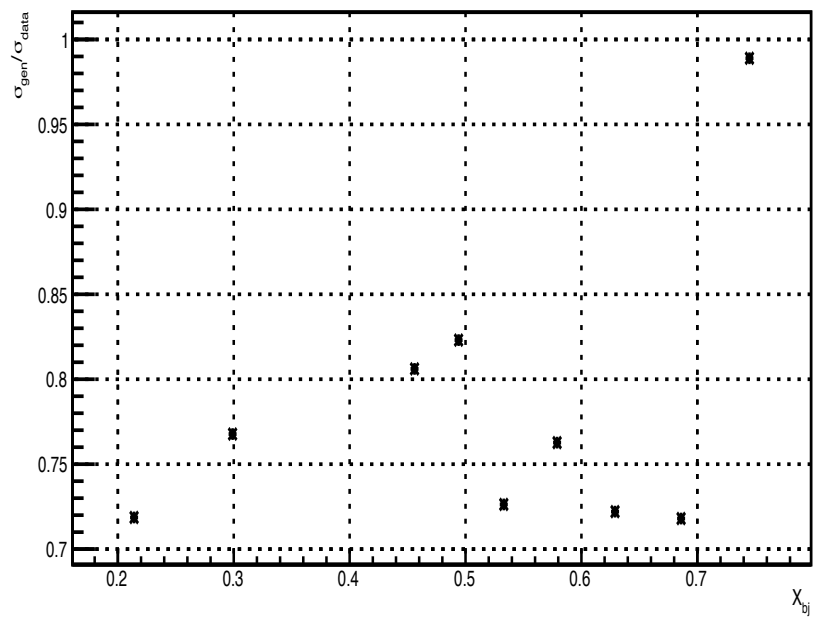
He3 Target Born cross section



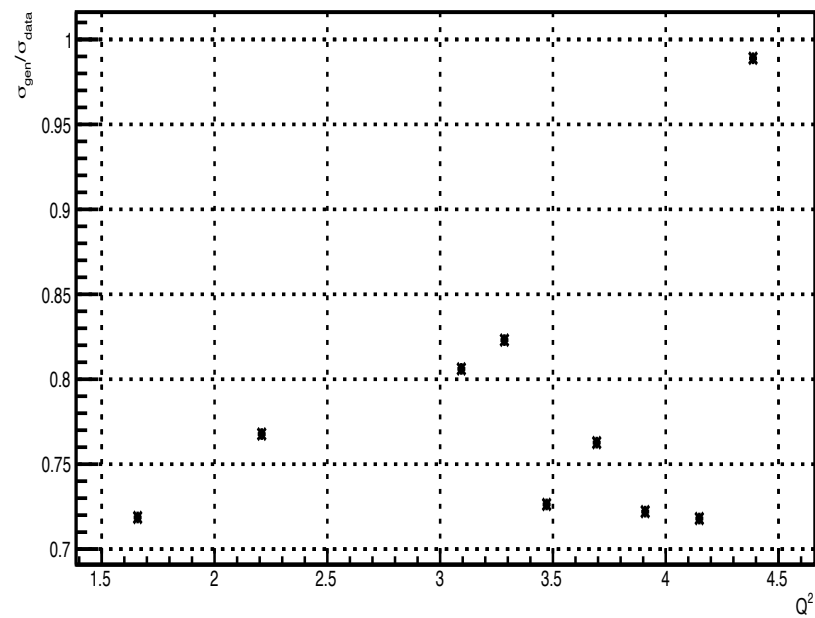
He3 Target Born cross section



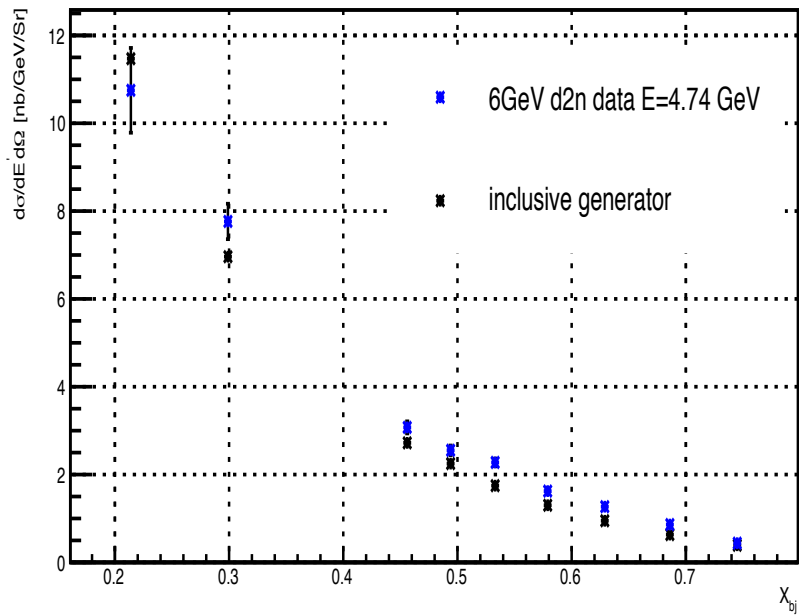
He3 Target Born cross section



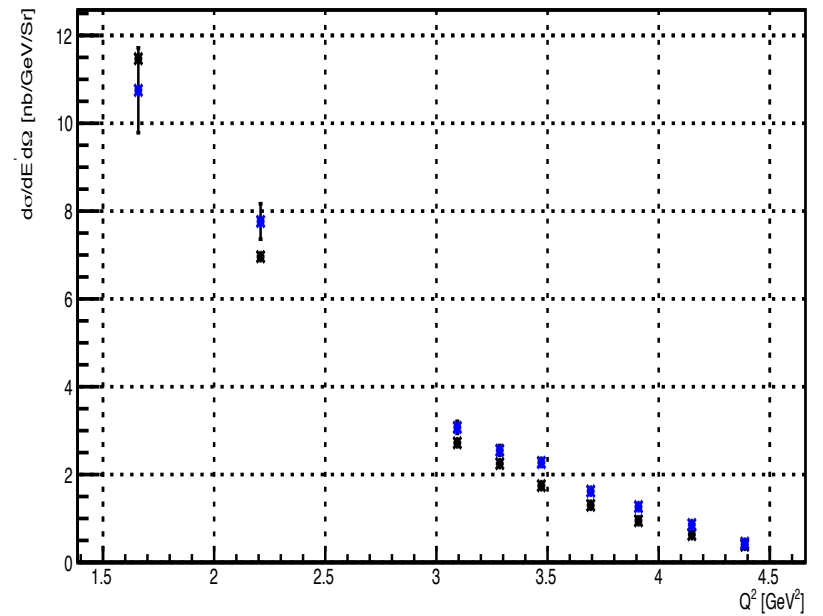
He3 Target Born cross section



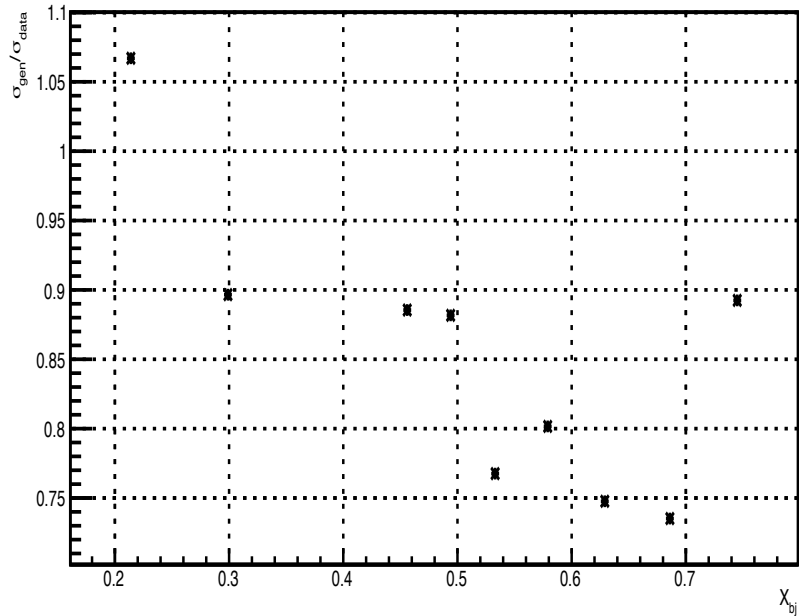
3He Target radiated cross section



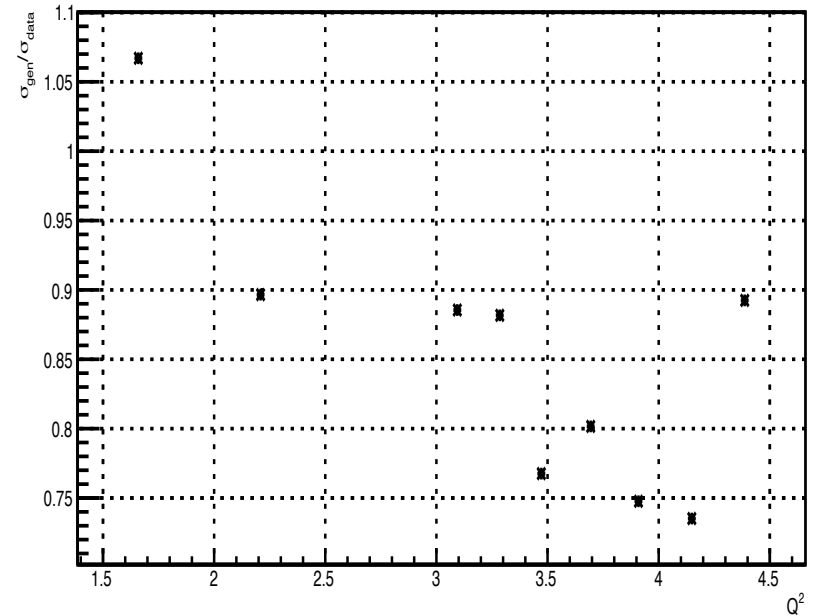
3He Target radiated cross section



3He Target radiated cross section



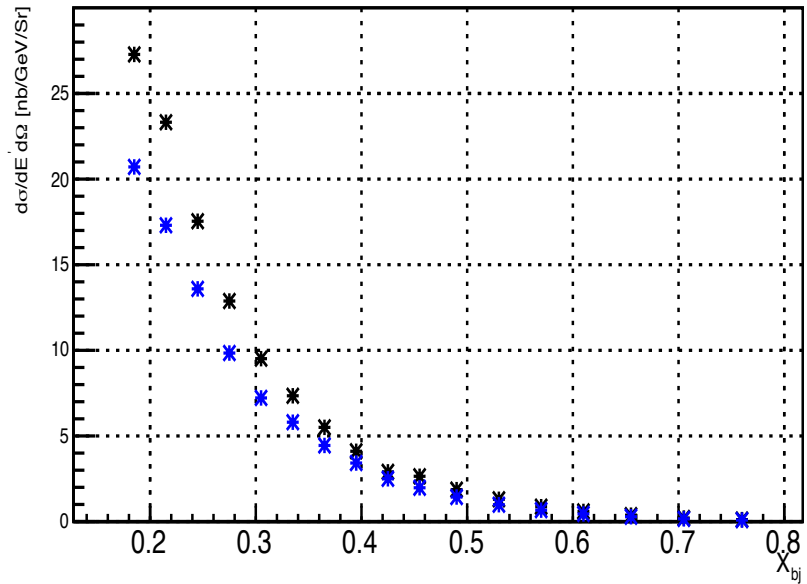
3He Target radiated cross section



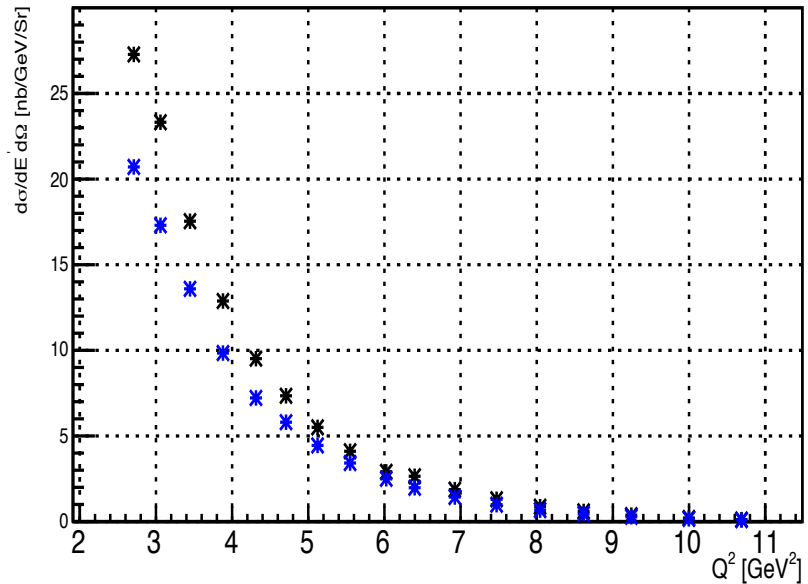
Back up

Differential Cross Section Comparison with MARATHON ^3He target

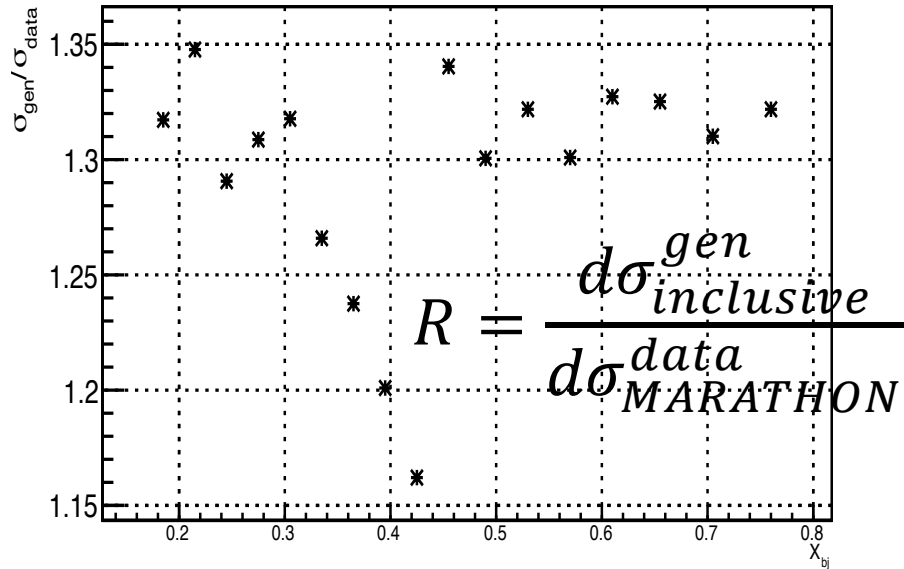
^3He Target



^3He Target



^3He Target



^3He Target

