

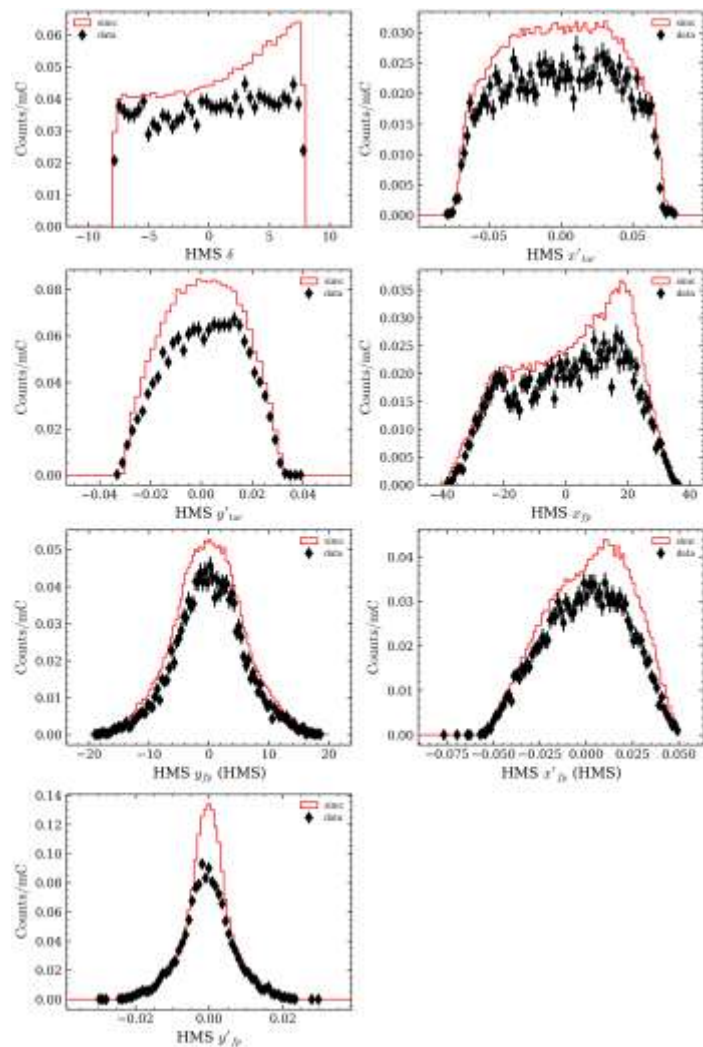
Update

- Apply missing mass cut when compare distributions per setting
- Missing mass cut range fixed to (1.10, 1.14) in both data and simc

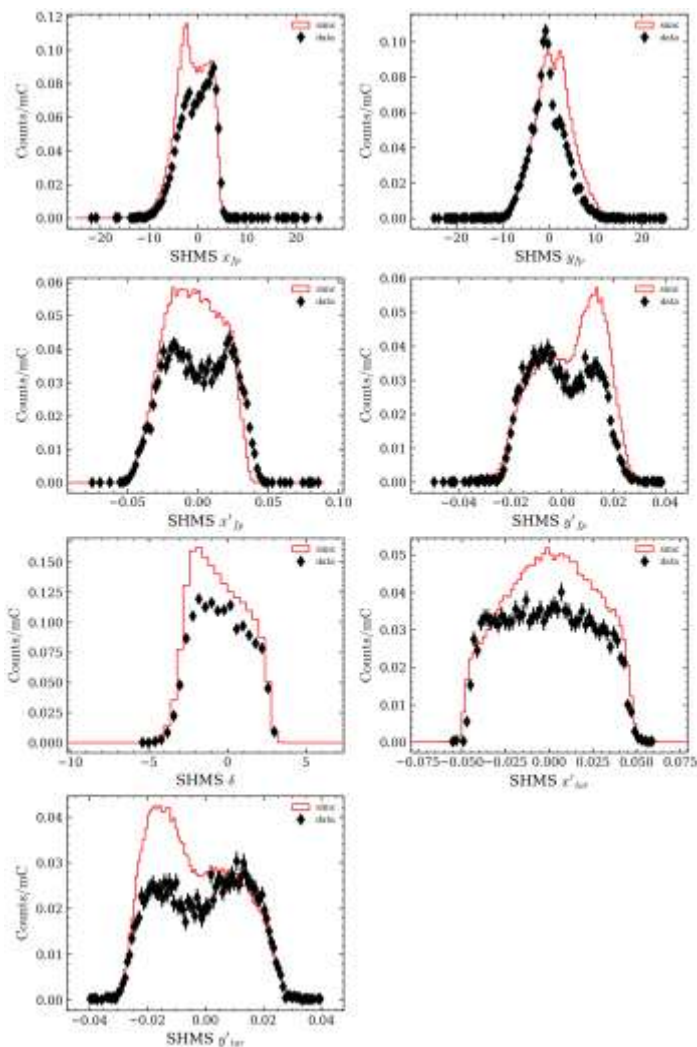
Start iteration 00 – check histograms

Center, Low ϵ

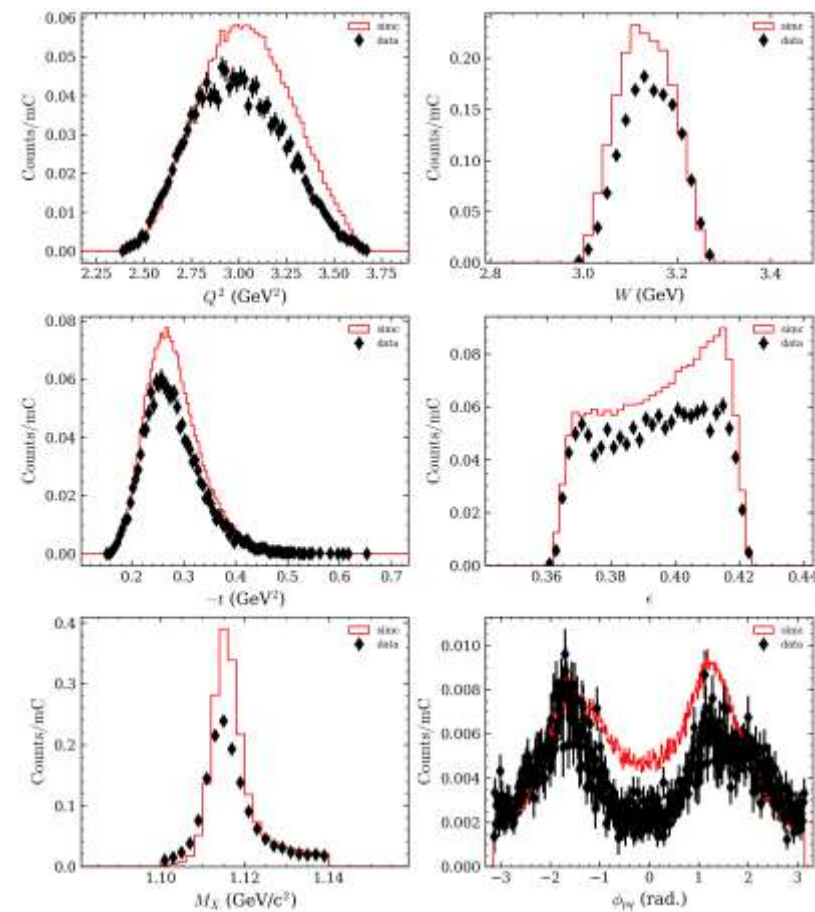
HMS



SHMS



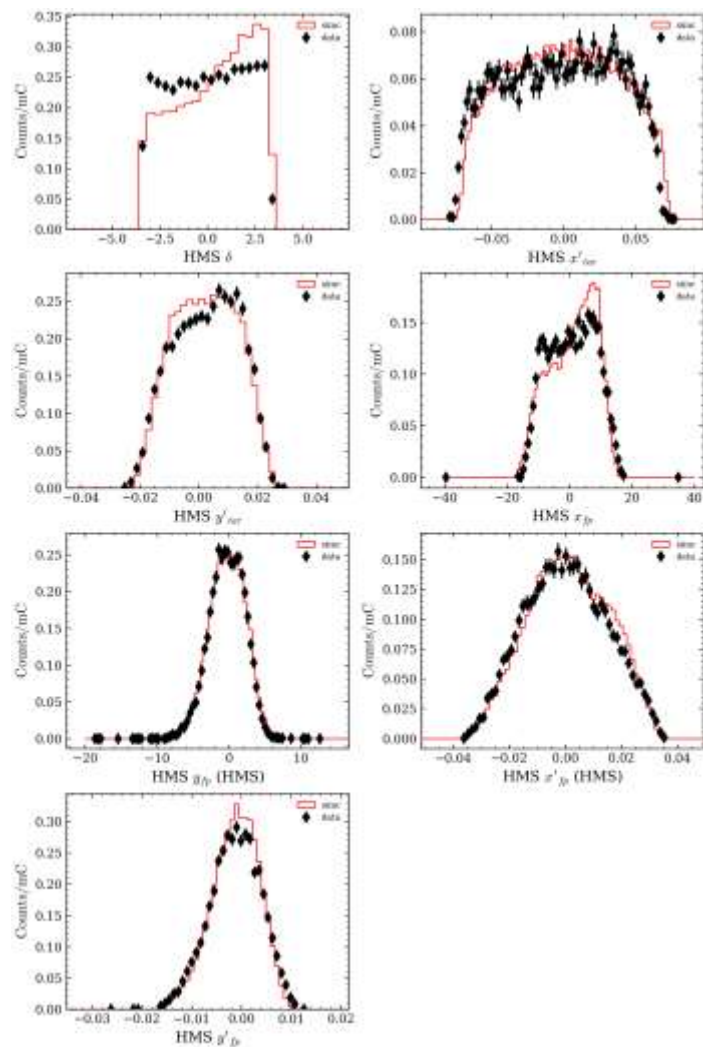
kinematics



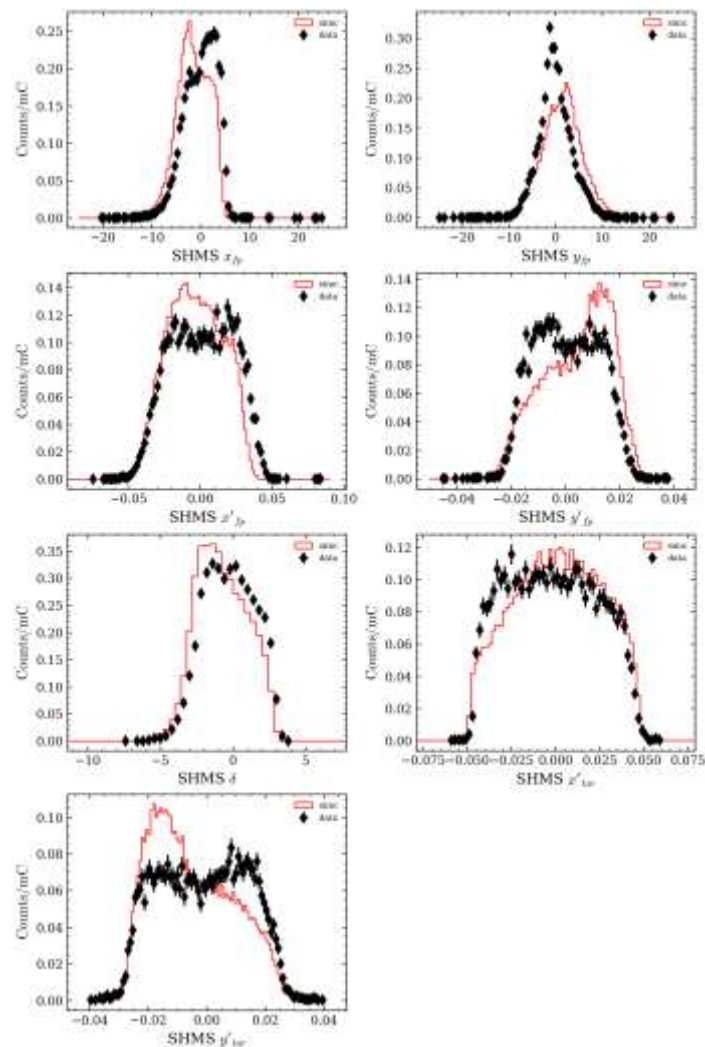
Start iteration 00 – check histograms

Center, High ϵ

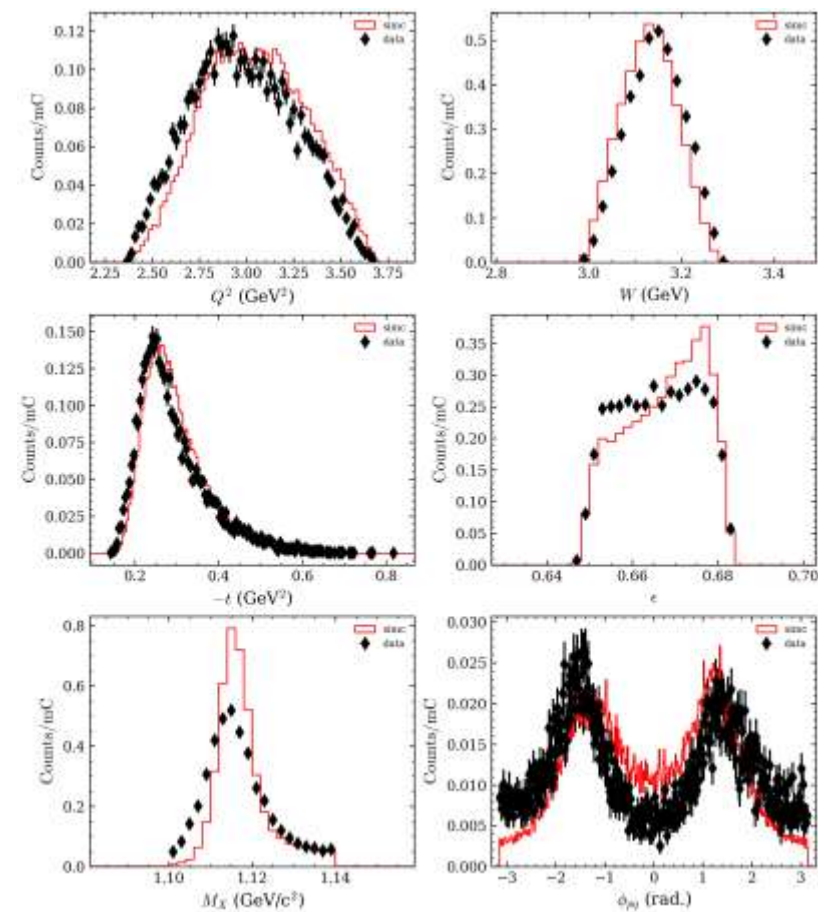
HMS



SHMS



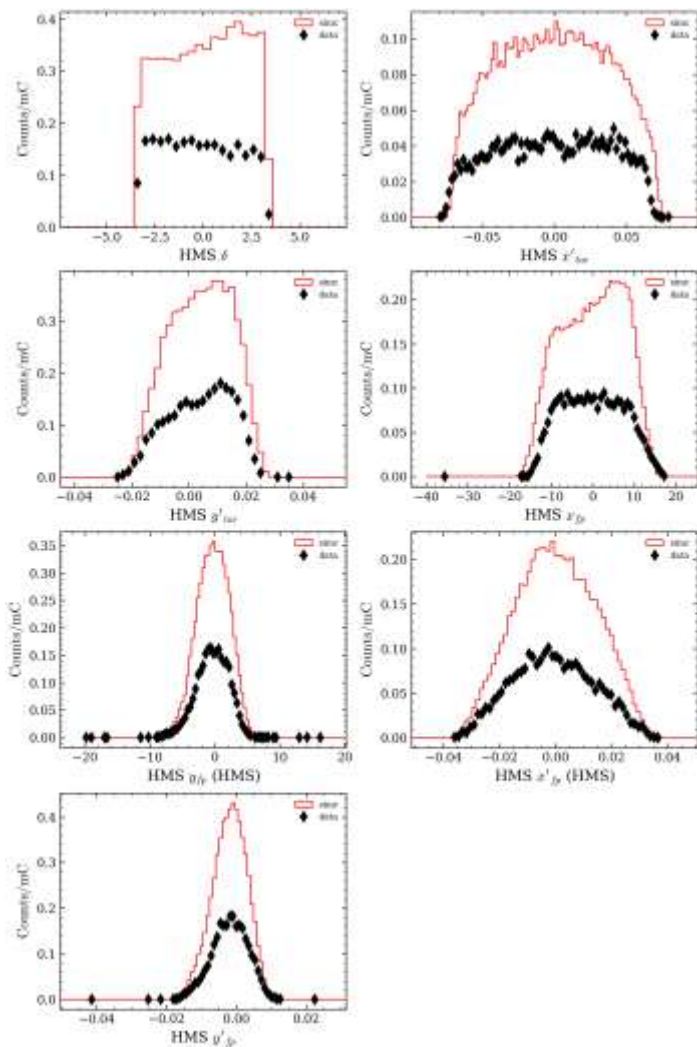
kinematics



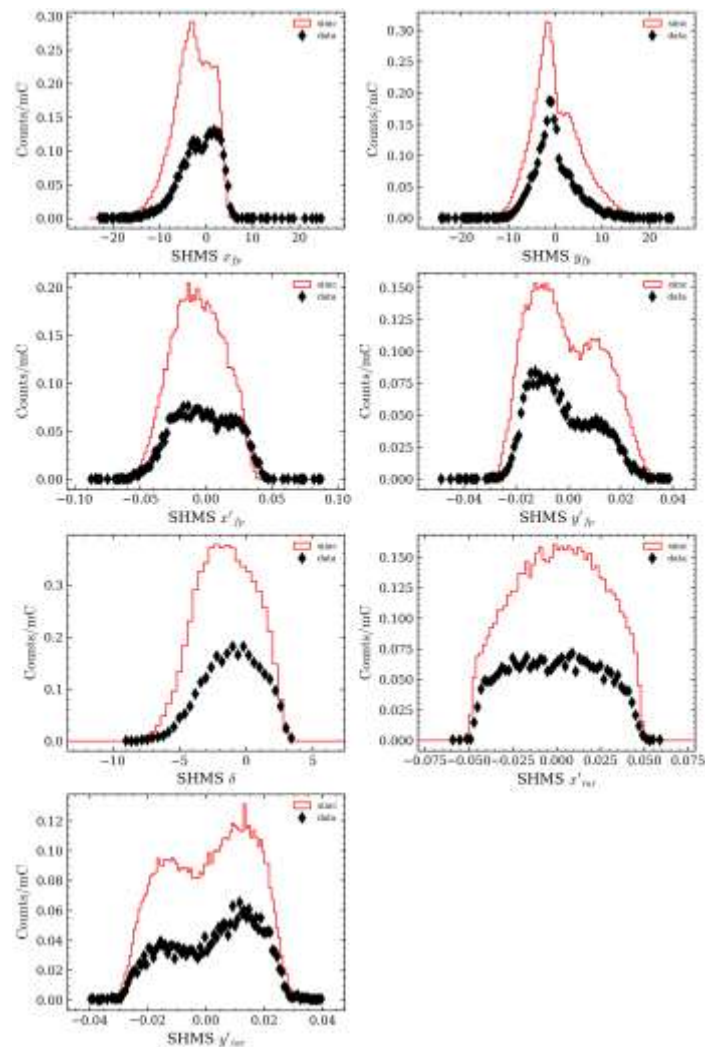
Start iteration 00 – check histograms

Right, High ϵ

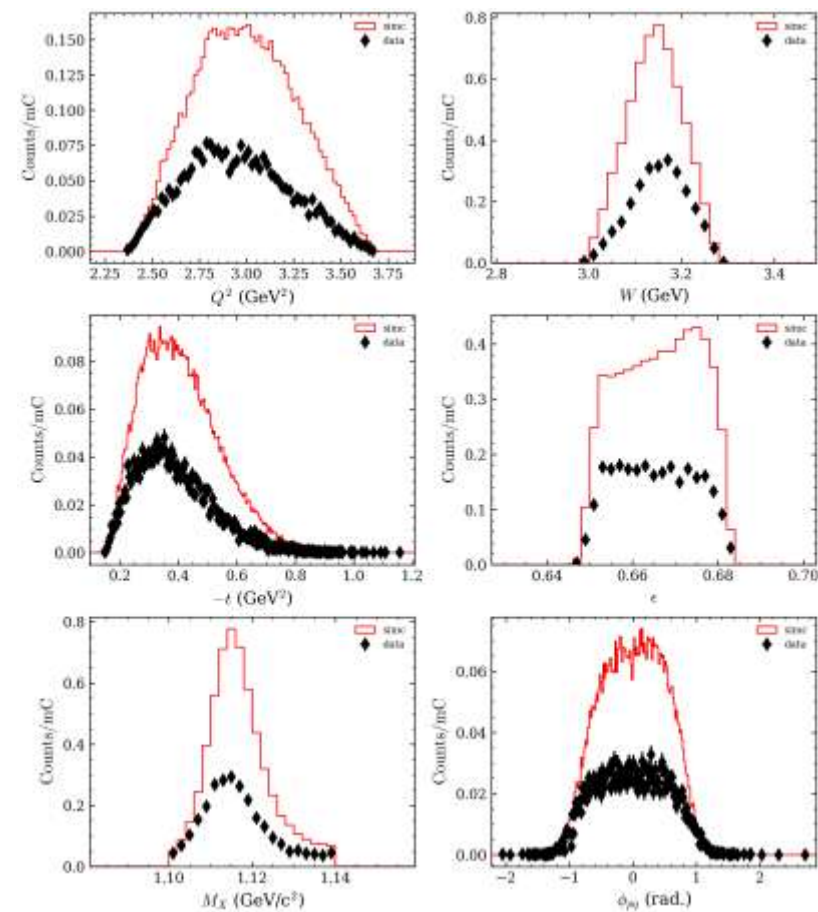
HMS



SHMS



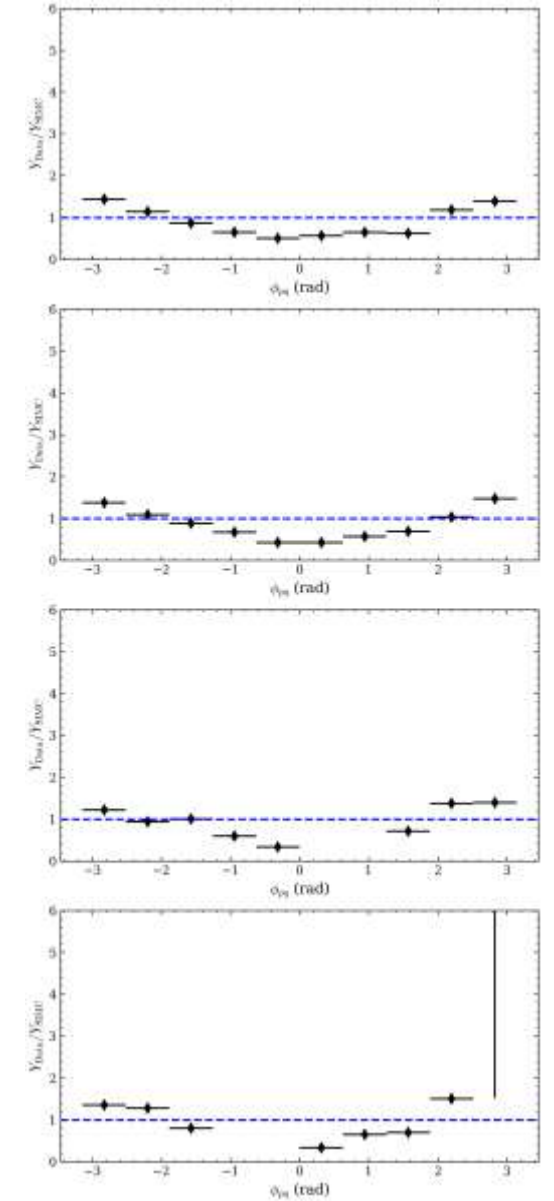
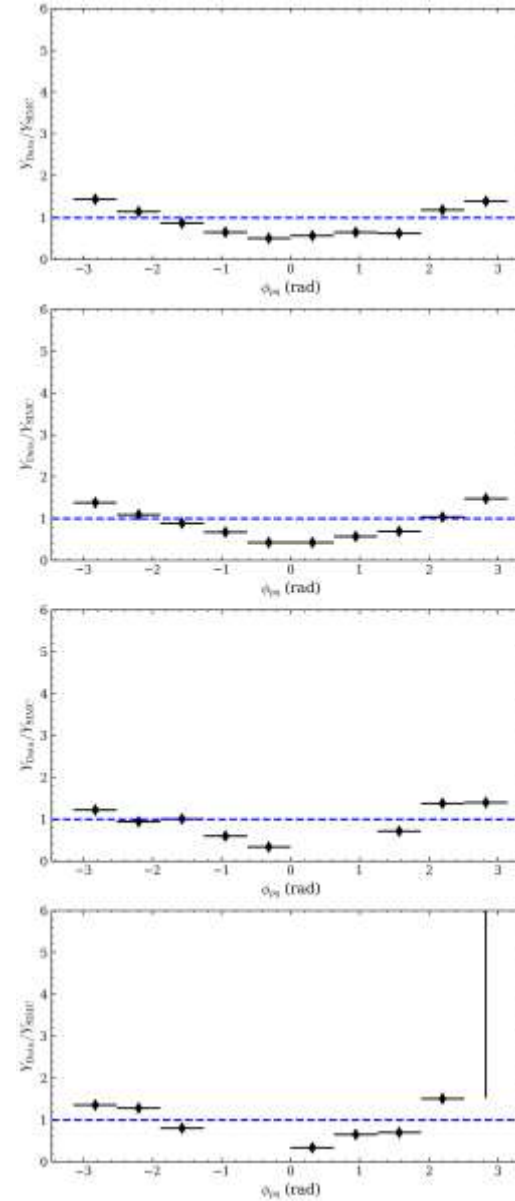
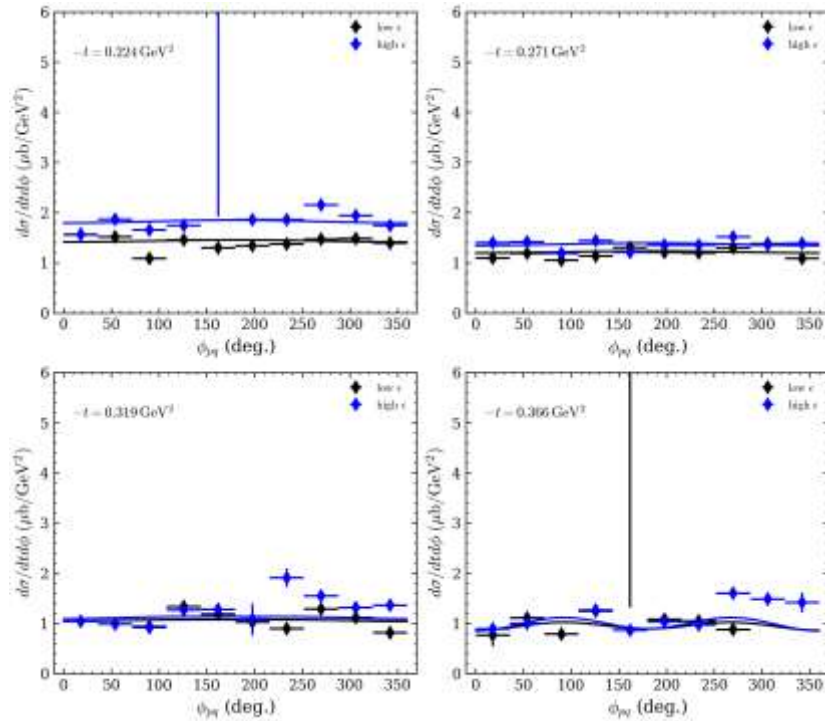
kinematics



Iter 00 – yield ratios and xsect

low

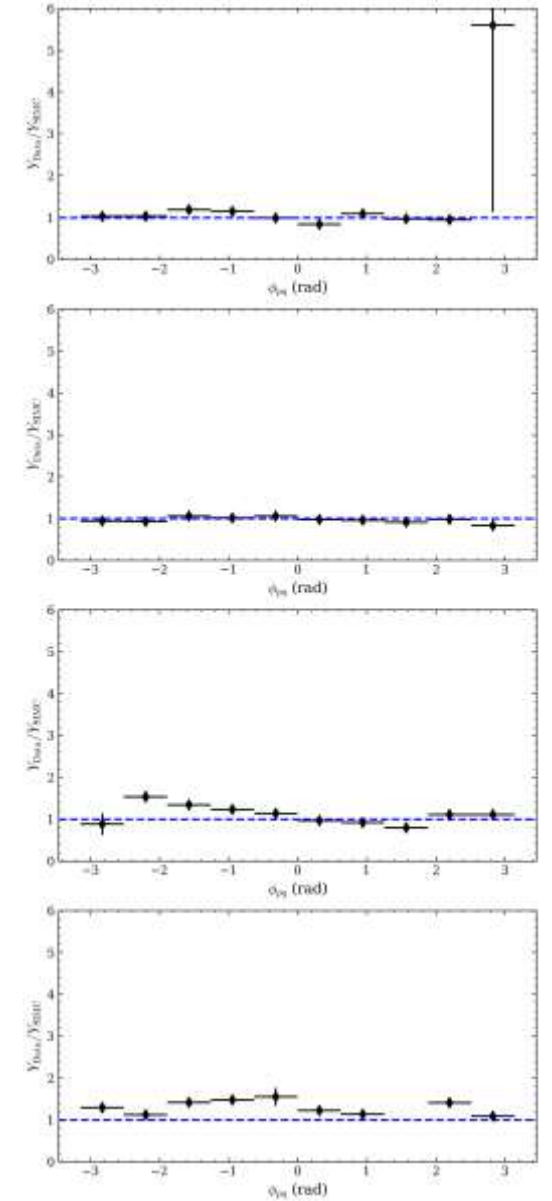
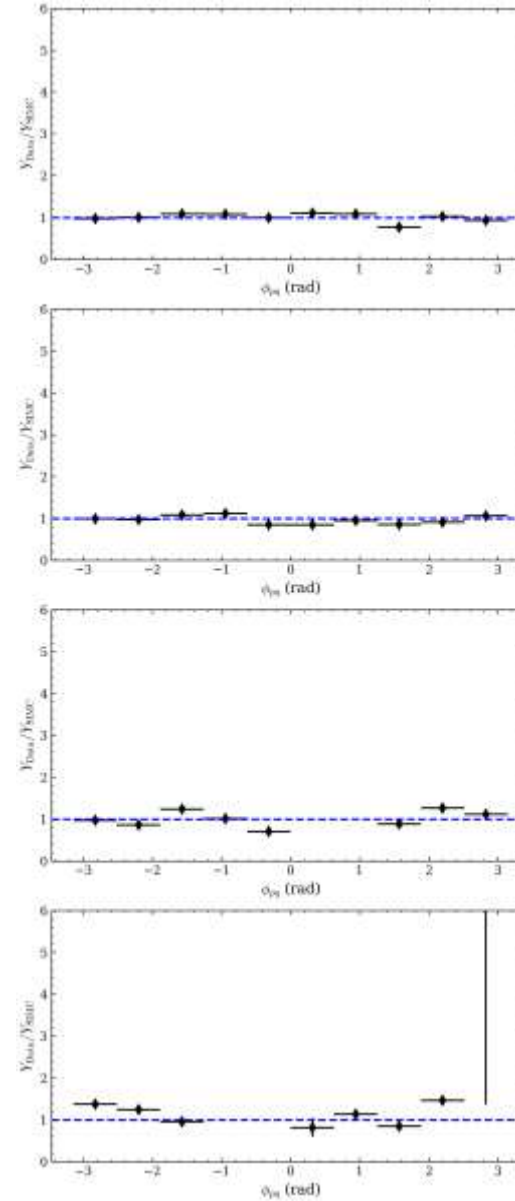
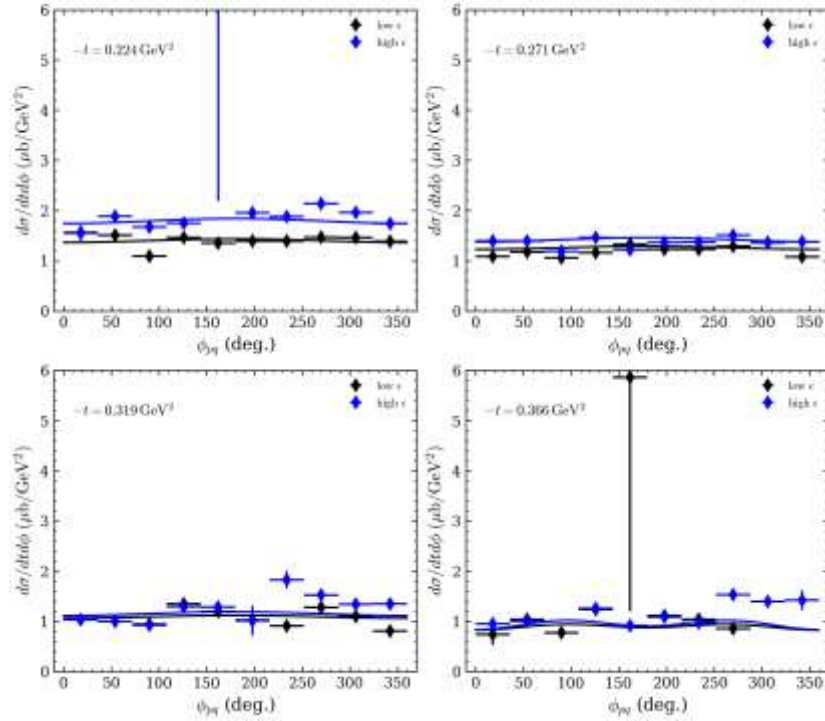
high



Iter 04 – yield ratios and xsect

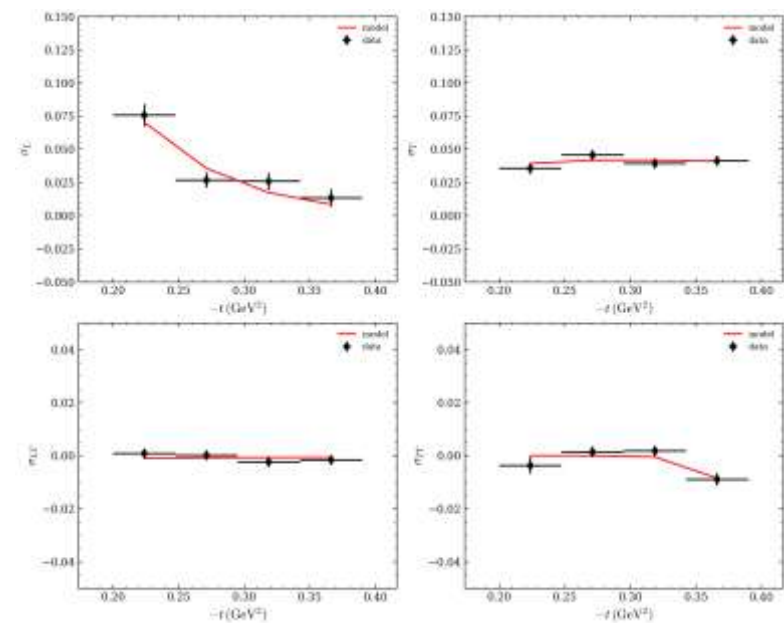
low

high

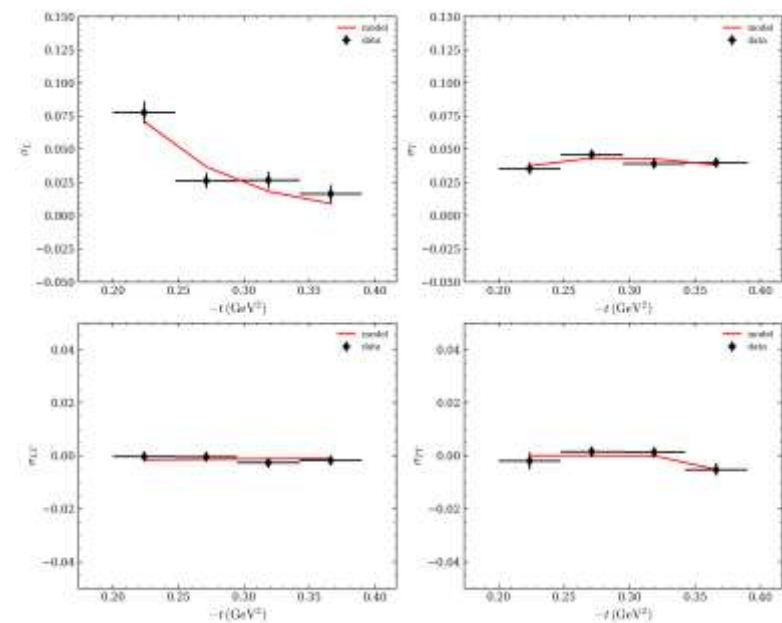


seperated xsect (to be checked)

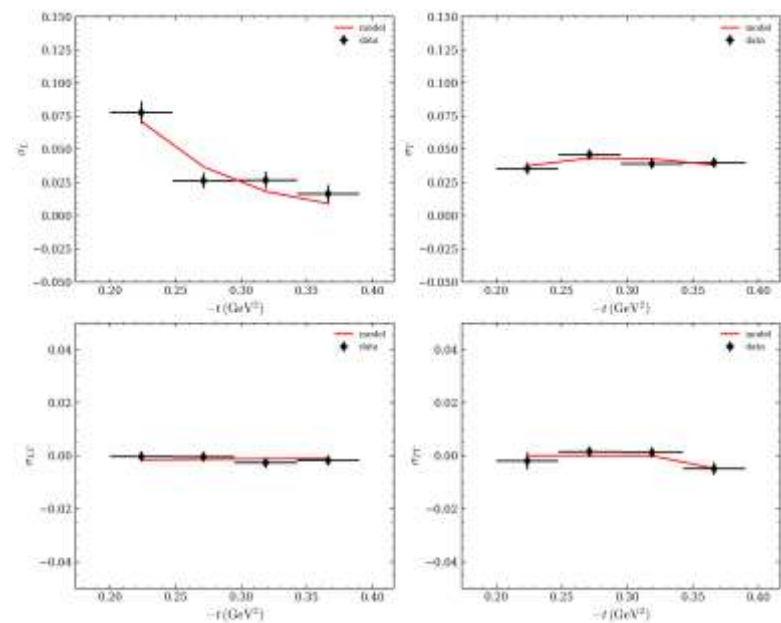
Iter 00



Iter 04



Iter 08



- Undo mm shift in simc
- Data yield comparison with Richard's setting $q^2=4.4$
- Check your fitting → the parameters are very weird, this somehow leads to weird histogram (w/o t_{phi} cut).