

How About Semi-Inclusive Jets

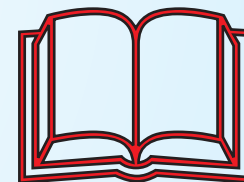
During POETIC8 Feng Yuan asked me whether we could write a paper like the last prompt photon DIS paper,

– just without the prompt photons.

I said – probably... if somebody is interested.

He pointed me to

– arXiv 1409.4121 and 1506.0617

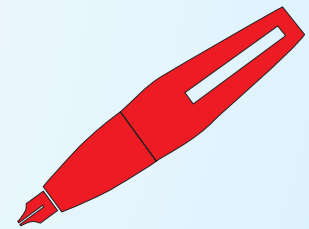
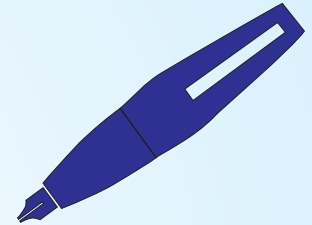


Some discussion with Peter Bussey and Andrii Verbitsky.

How About Semi-Inclusive Jets

Use standard NC events

- ask for electron $p_T > 5$ GeV
- ask for a jet with $p_T > 3$ GeV
- select the jet with highest p_T
- look at $\Delta\phi$ between e and jet
- in bins of Q^2 and x .



Compare to Feng's calculations.

Peter ?, Andrii ?, anybody else ?

**This
could be
fast.**