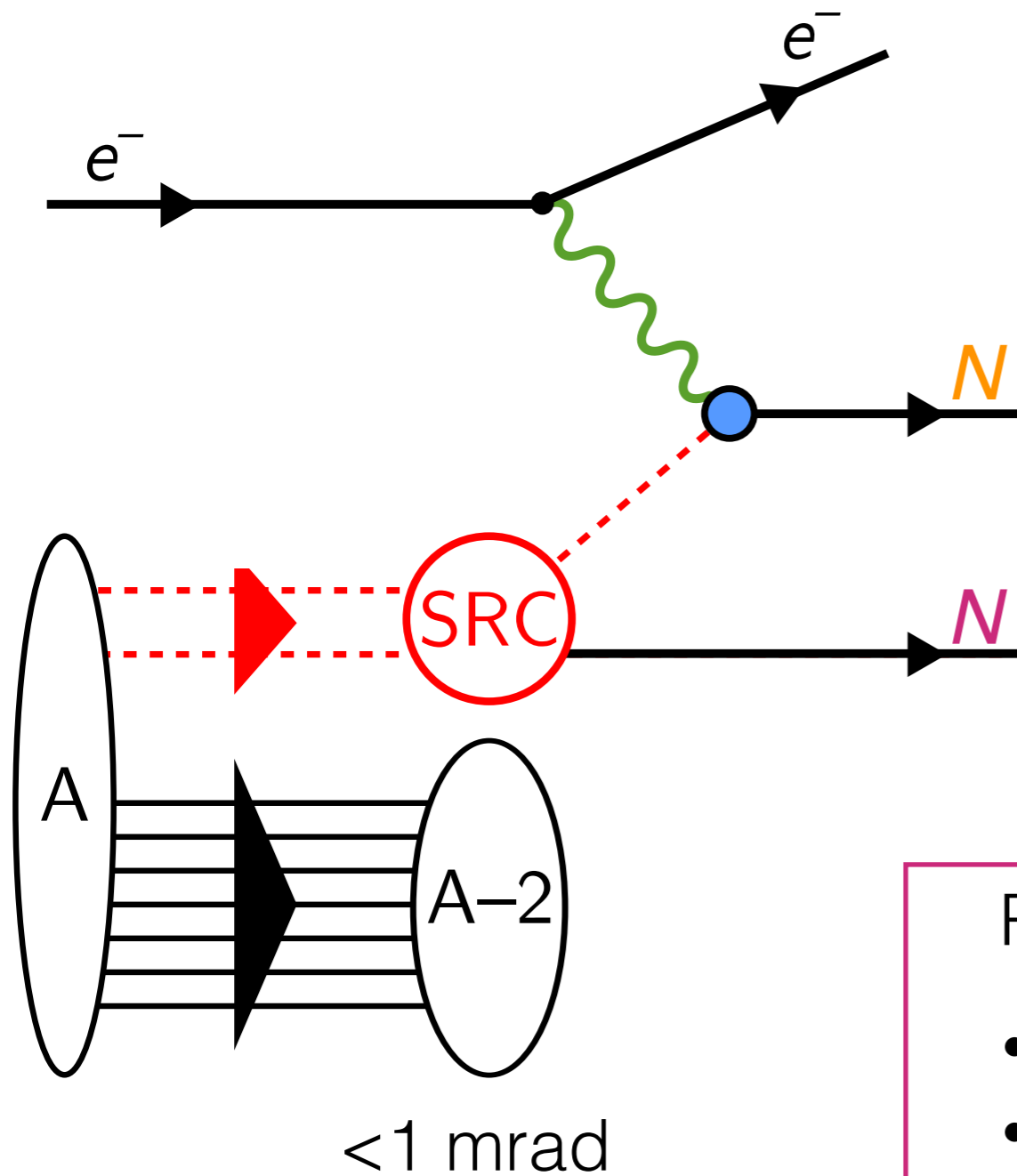


Quasi-elastic Short-Range-Correlations

Central detector (full coverage)



Leading nucleon

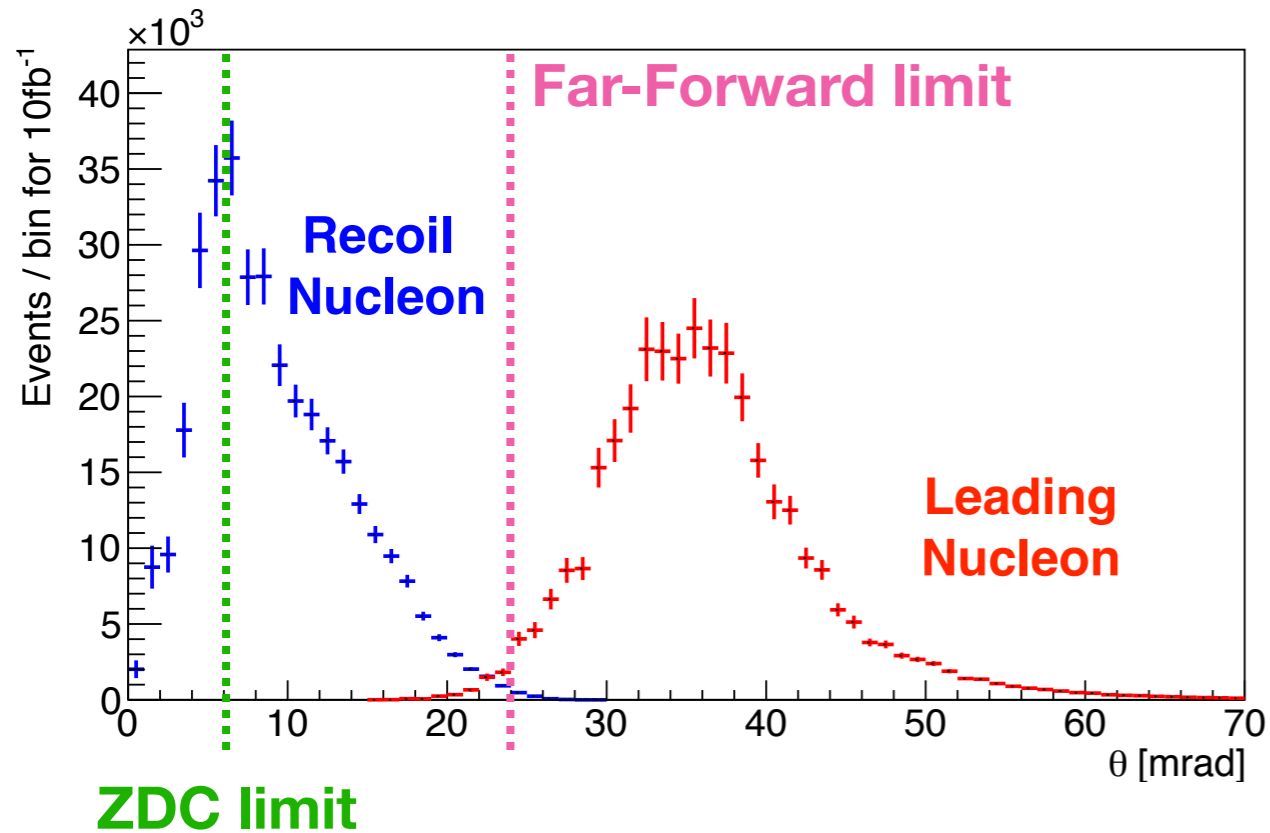
- protons good coverage for 41 GeV and 110 GeV
- can only detect neutrons in central at 41 GeV

Recoil nucleon

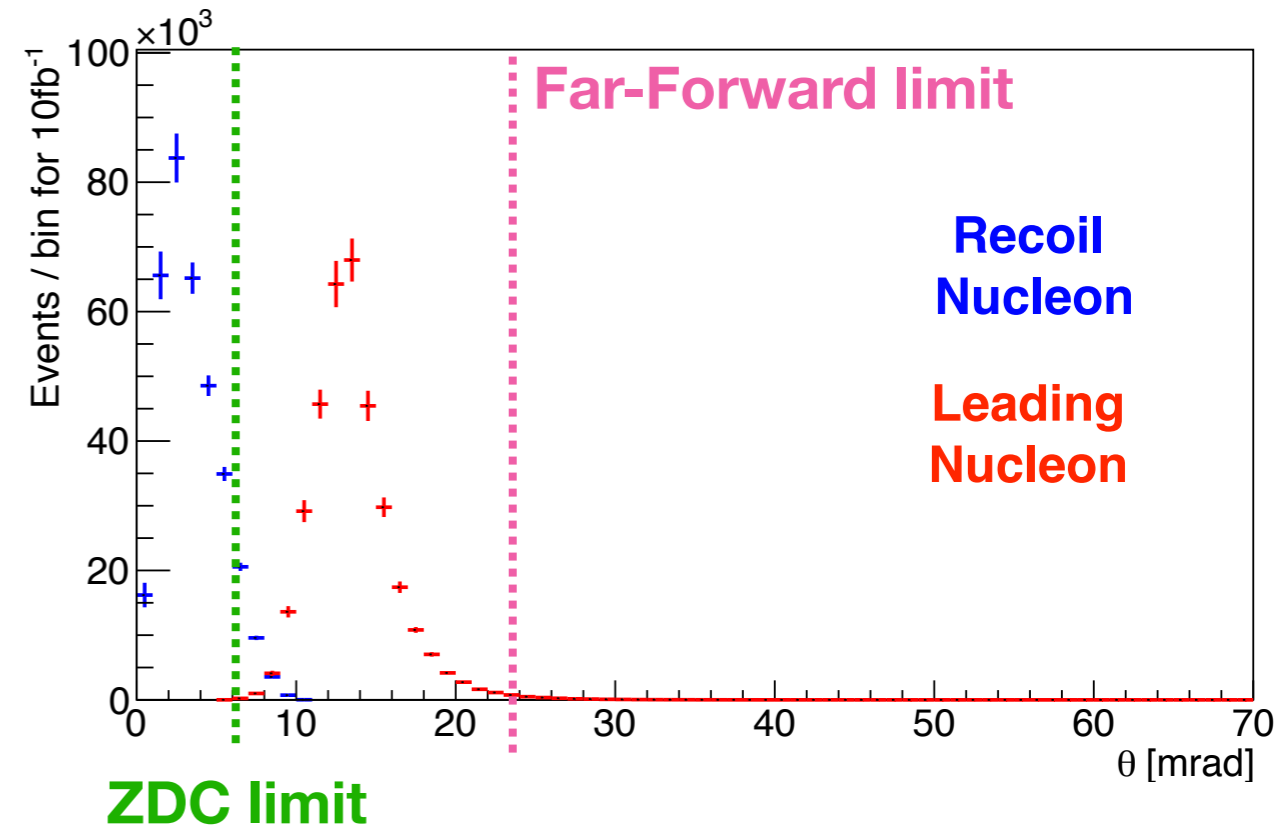
- good coverage of protons in FF
- neutrons at 110 GeV (full coverage)
- neutrons at 41 GeV (~35% accept)

QE SRC Angular Distributions (YR)

5 GeV x 41GeV/nucleon



10 GeV x 110GeV/nucleon

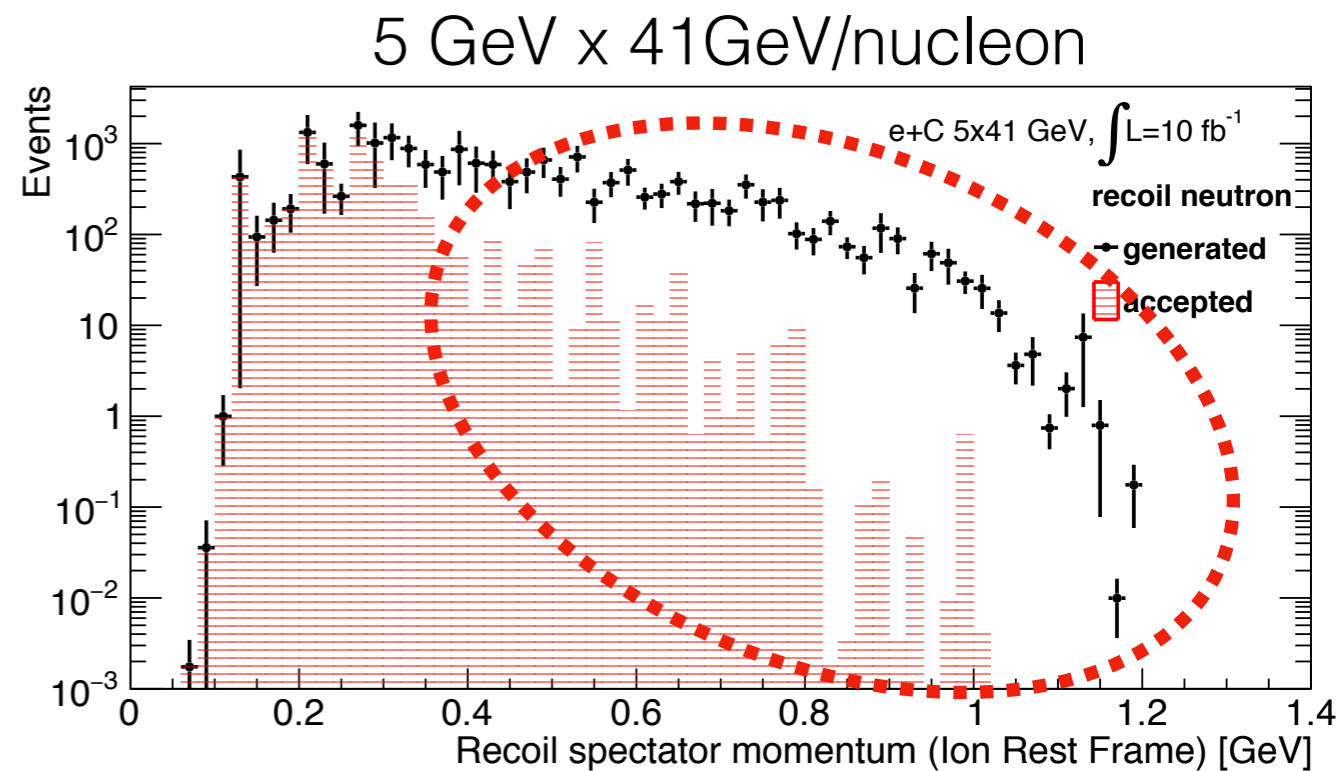


- Yellow Report limits
 - recoil neutrons for 41 GeV/A ions
 - leading neutrons for 110 GeV/A ions
 - A-2 system detection (<1 mrad)

Far-Forward Needs

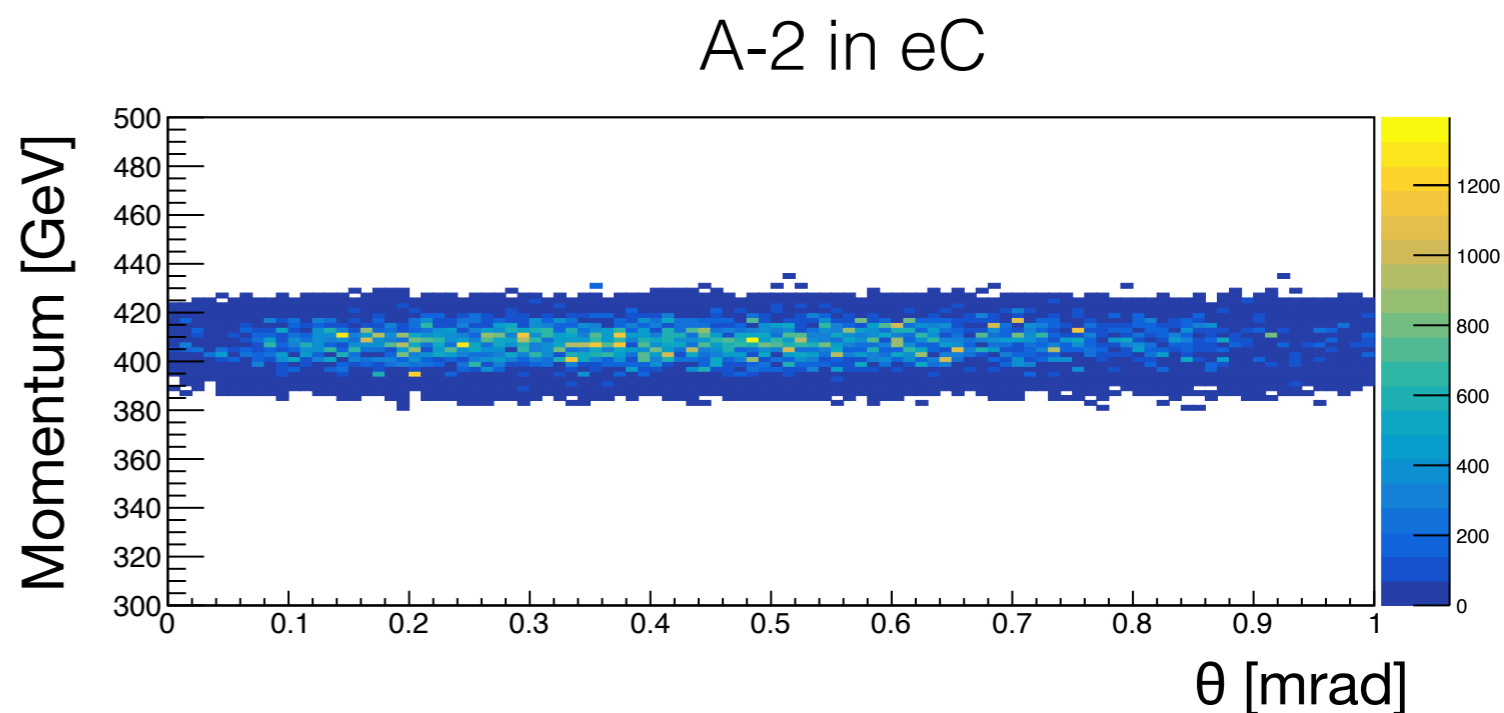
1) larger far-forward neutron acceptance

- better recoil coverage at 41 GeV/A
- nn-pair detection
- likely requires larger crossing angle



2) detection of A-2 system

- another tagging method
- < 1 mrad detection
- likely requires 2nd focus point



Both improve also tagging for DIS-SRC