

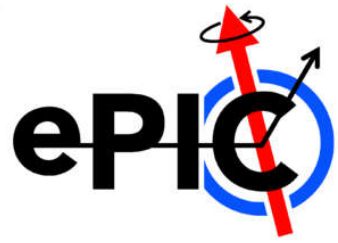
ePIC Analysis Coordination December 08, 2023



Conveners: Charlotte Van Hulse (U Alcala),
Stefan Diehl (JLU Giessen and UConn)

Wiki of the SIDIS PWG: <https://wiki.bnl.gov/EPIC/index.php?title=SIDIS>

PWG meetings: Tuesday 2.30 pm (~ every 2 weeks)



SIDIS Working Group

Reprocessing of analyses from ATHENA and ECCE for ePIC

- Unpolarised TMD PDFs: experiment and theory

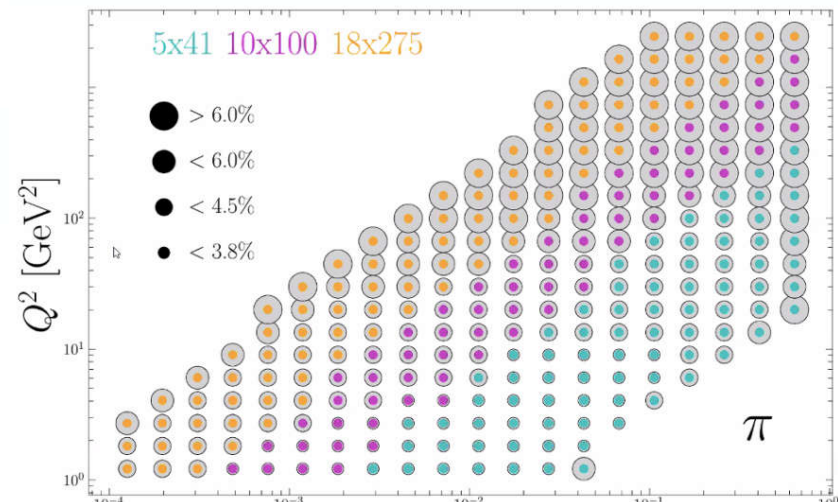
preliminary study from Gregory Matousek

- A_{LU} asymmetries

- Collins and Sivers asymmetries

➔ Software problems were found and fixed

➔ Work in progress ...



- SIDIS Pythia6 low- Q^2 sample discussion

➔ Brian found that cross section too high after some updates

➔ Change will be implemented in the generator by Ralf Seidl