

Status of SIDIS

**SIDIS working group meeting
September 7**

Ralf Seidl (RIKEN)

Analysis notes to accompany proposal

- Kinematics smearing note: ~80% done
- Sivers/Collins note: ~70% done (requires Impact studies)
- Unpol TMD note: ~40% done
- Helicity note
- IFF note?
- Others

Will require to rerun over final simulation, provide data to theorists

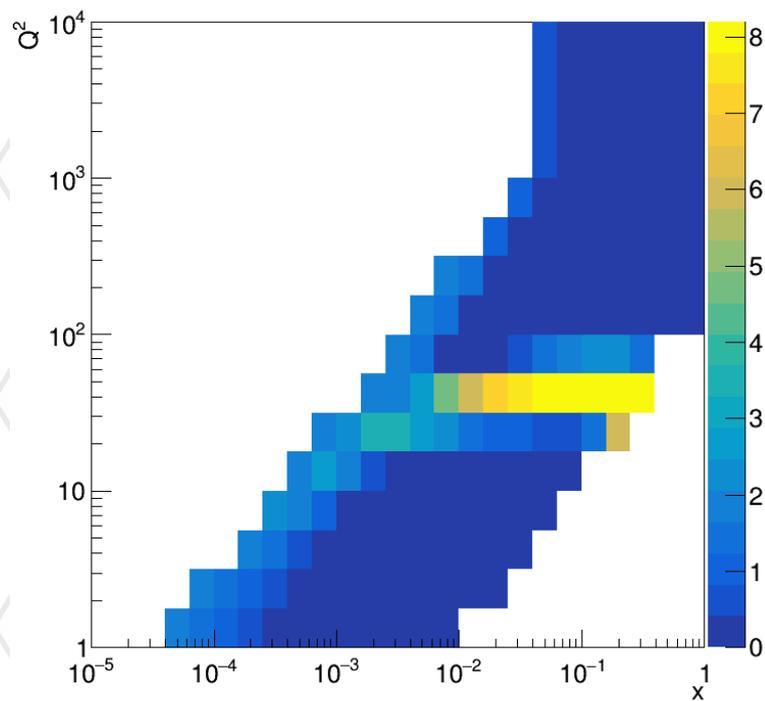
PID studies

- So far no time to work on implementation of PID parameterizations, thinking of including π/K , K/p π/p likelihood ratios in Evaluator output for available detector components: mRIC, DIRC, dRICH, (not available so far: TOF)

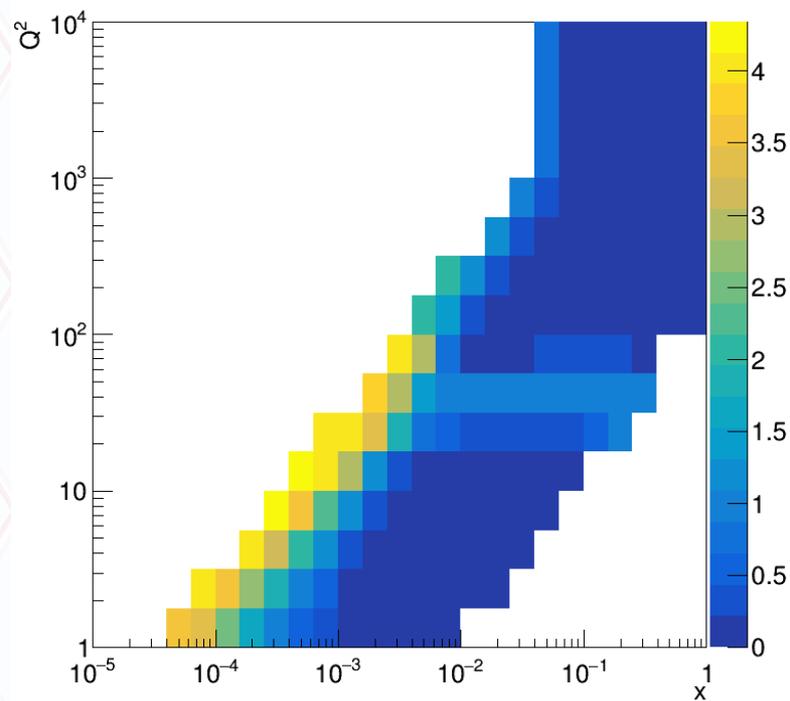
EHCAL question

18x275

EHCAL Avg Energy [GeV] / event

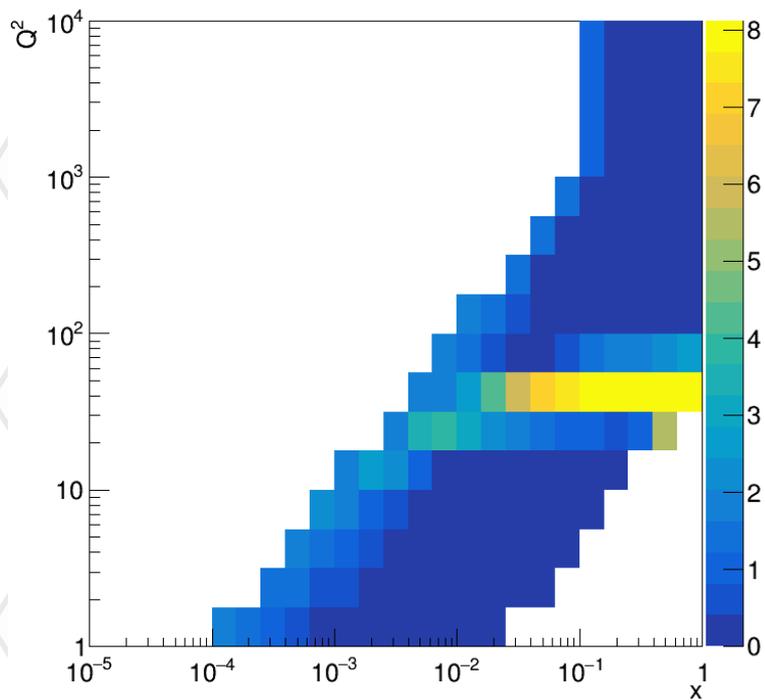


EHCAL Avg #Clusters / event

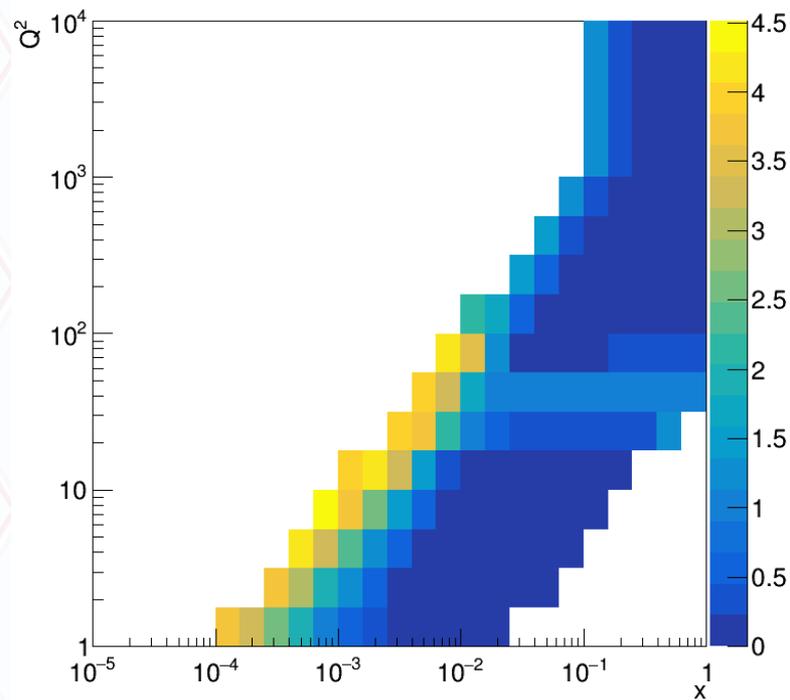


18x100

EHCAL Avg Energy [GeV] / event

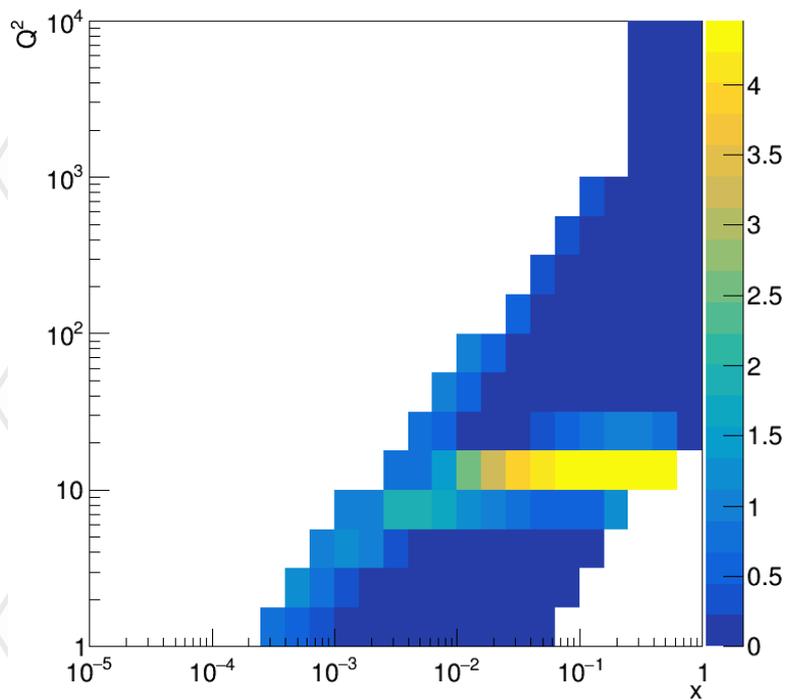


EHCAL Avg #Clusters / event

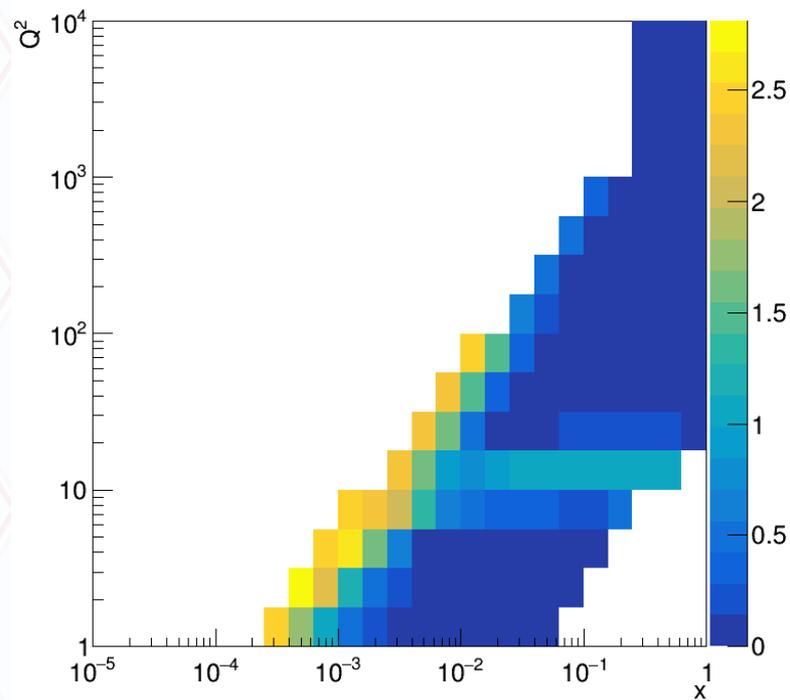


10x100

EHCAL Avg Energy [GeV] / event

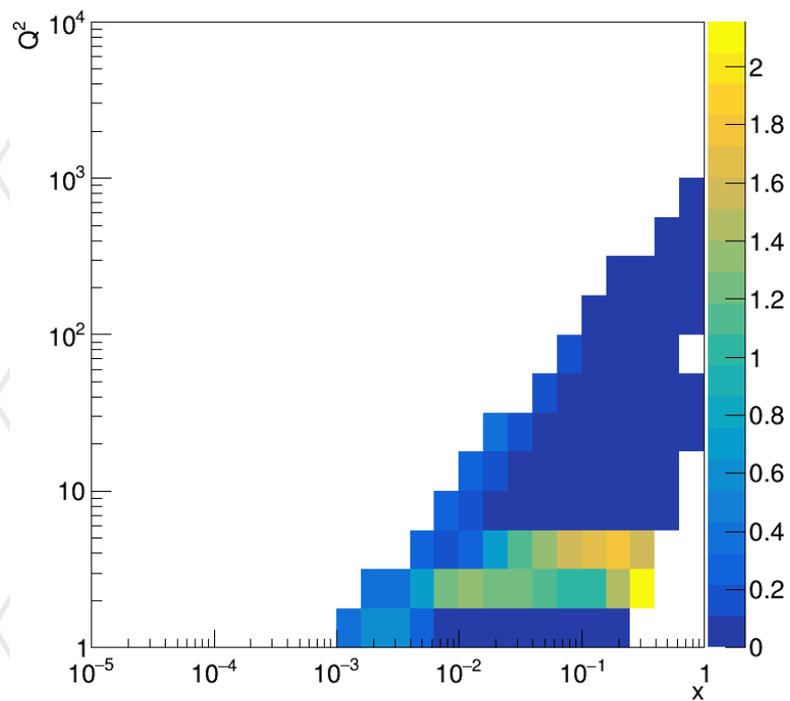


EHCAL Avg #Clusters / event



5x41

EHCAL Avg Energy [GeV] / event



EHCAL Avg #Clusters / event

