



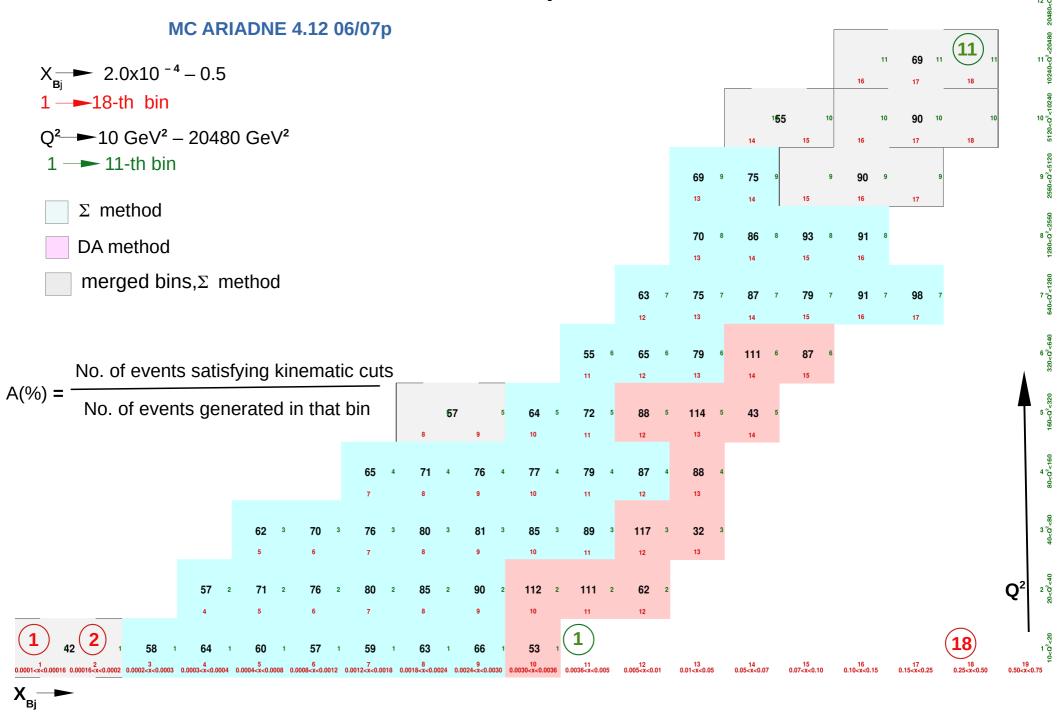


Scaled Momentum Spectra in the Target Region in DIS

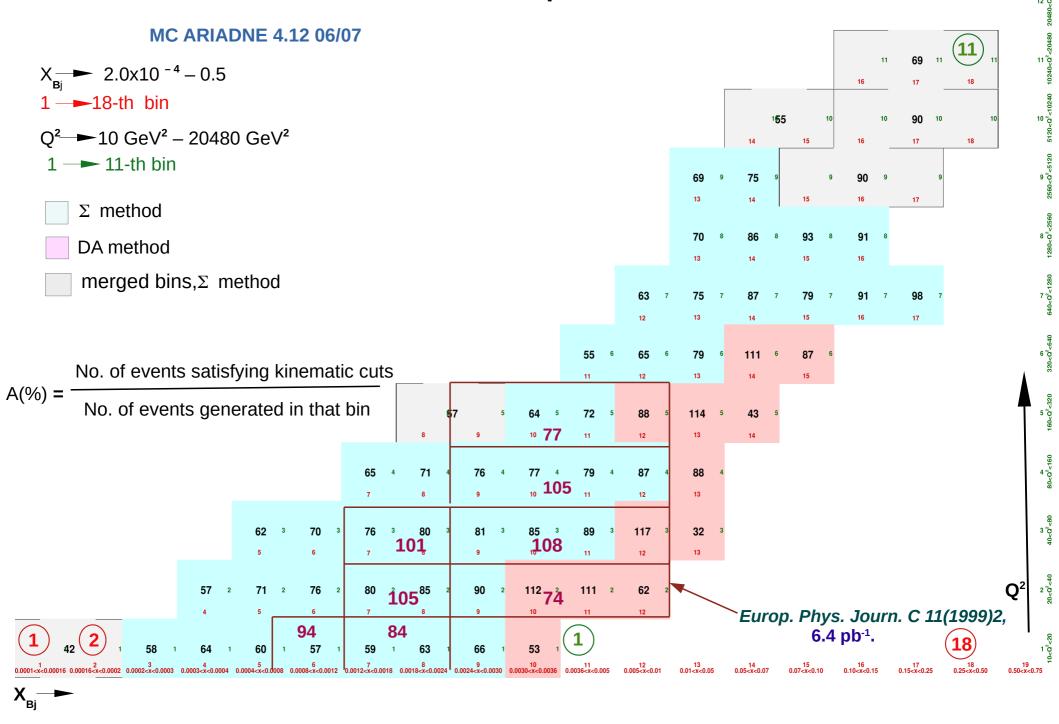
Status Report

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Event Acceptances



Event Acceptances



Event selection

Data 06/07p, **MC** ARIADNE 4.12 06/07p

Evtake, STTtake, MVDtake

Trigger

DIS03 SPP09

Electron / positron

$$E_e > 10 \text{ GeV}$$

lepton box cut >20 Chimney cut Sienin[0]

Cleaning cuts

reconstructed vertex $|Z_{vtx}|$ < 40 cm 40 GeV < E - pz < 60 GeV

Physics & Kinematics Requirements

$$Q_{DA}^2 > 10 \text{ GeV}^2$$

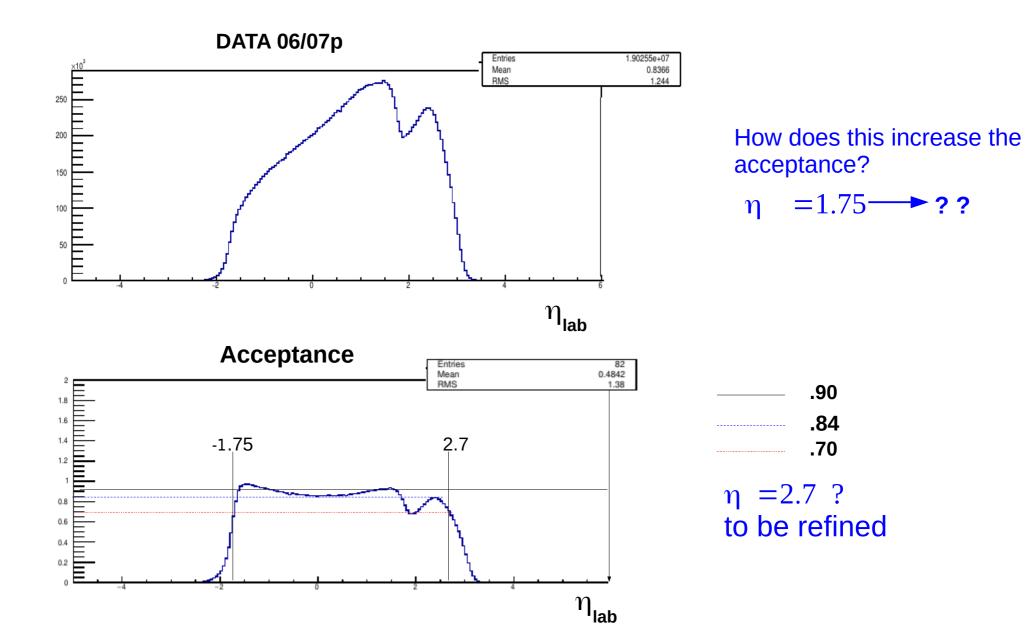
 $y_{el} < 0.95$
 $y_{JB} > 0.04$

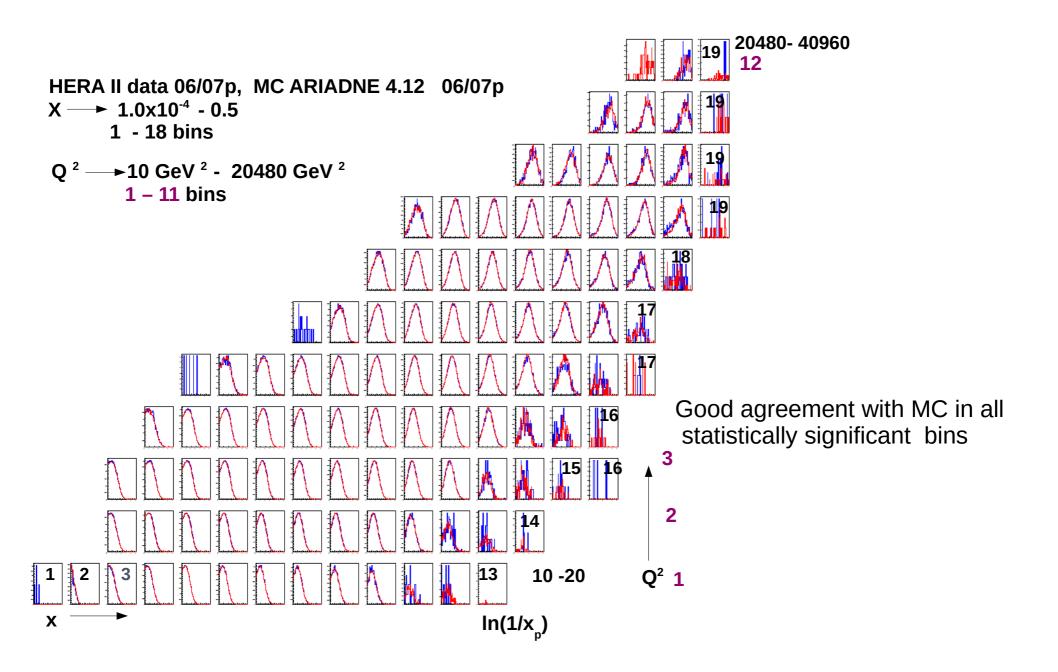
Track selection

tracks associated with primary vertex $p_T > 150 \text{ MeV}$ $nsl \ge 3$ $-1.75 < \eta < 2.7$

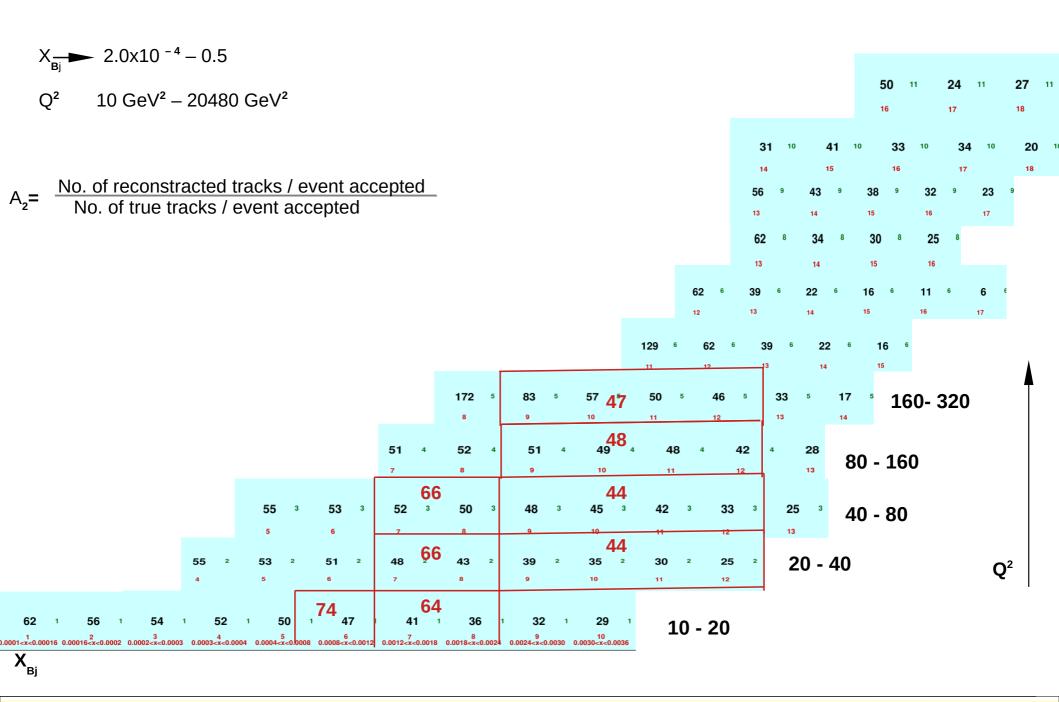
- for final analysis 04, 06e, 06/07p will be used
- no STT in 2005 due to insufficient cooling

ZTT tracks → MVD + CTD +STT

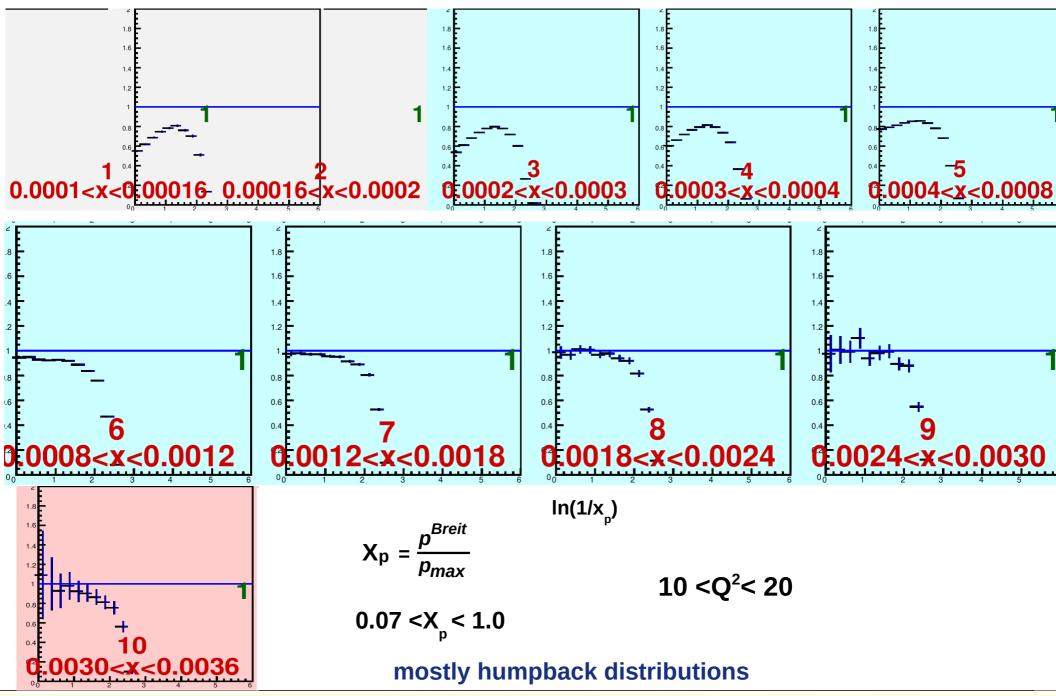




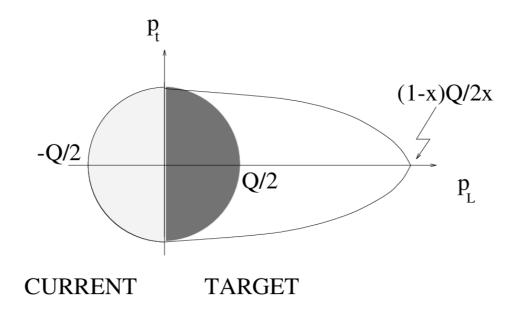
Track Acceptances

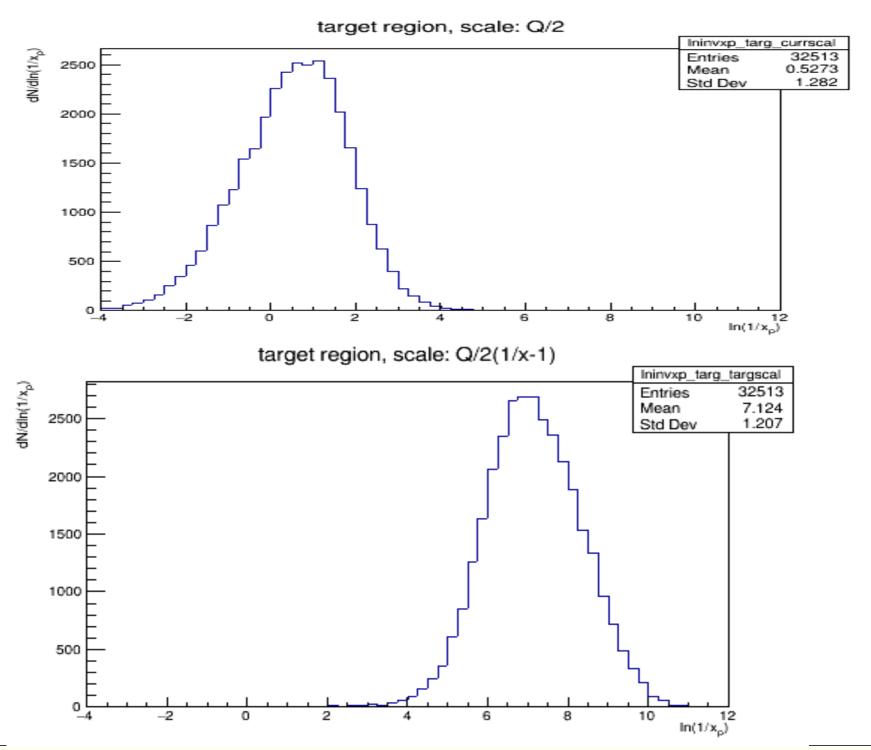


Track Acceptances



What scale should be used in the aalysis?





ZEUS Collaboration Meeting, February 18th-19th 2020

