

Acceptance summary

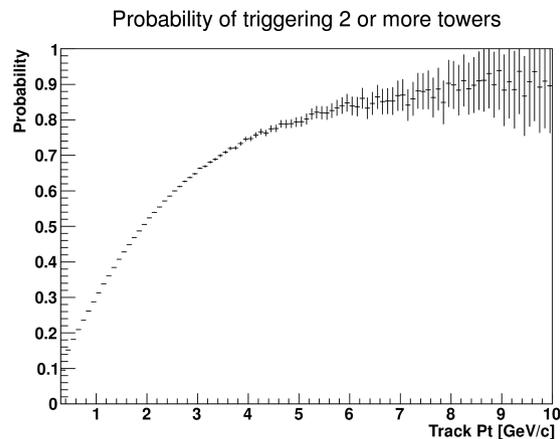
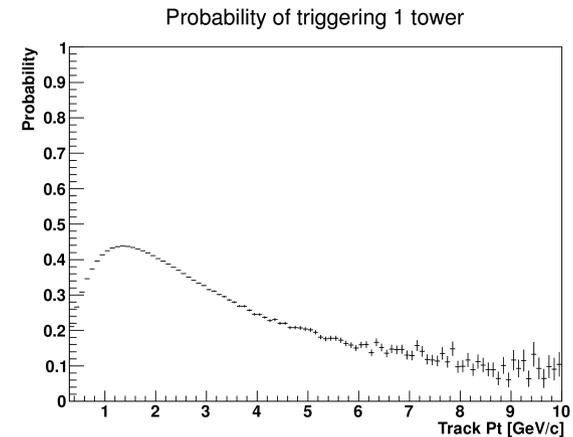
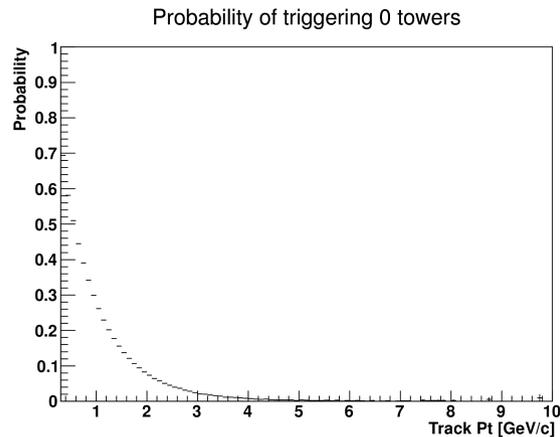
GXG meeting

Artur Swiech
Maria Zurek

Kinematics

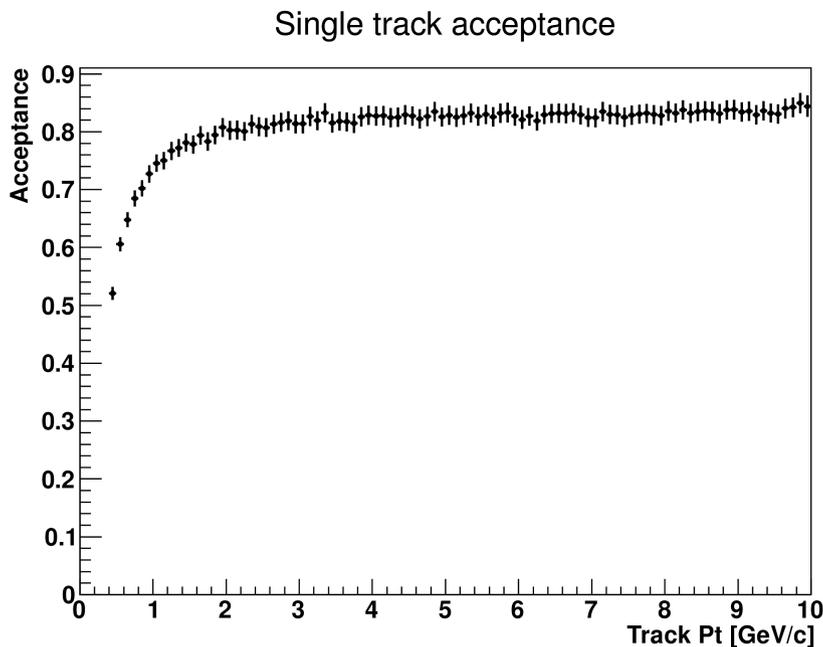
- $P_t(\text{pion}) > 0.4$
- $|\text{Eta}(\text{pion})| < 1.3$
- $|Y(\text{pair})| < 1.0$

Trigger efficiency



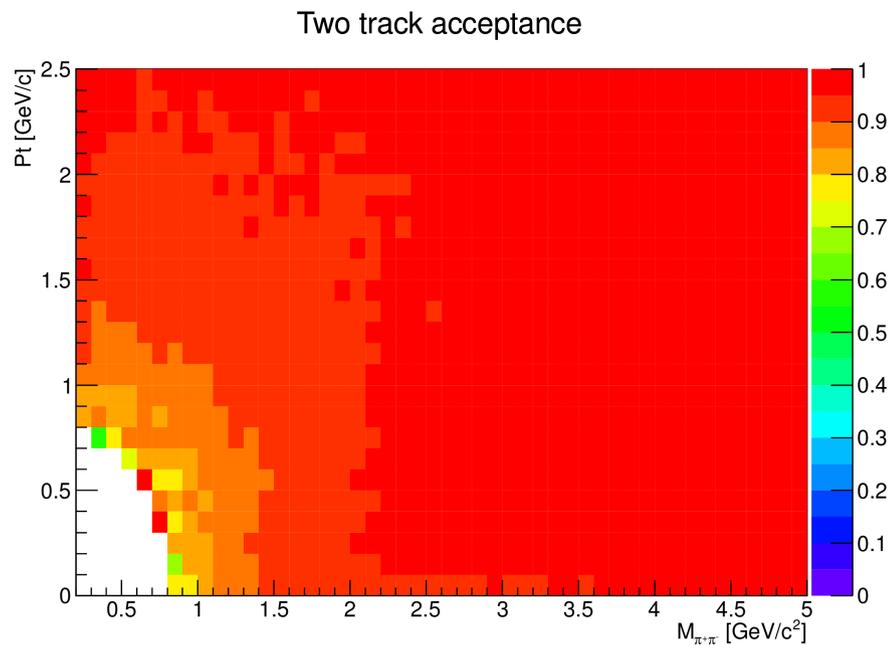
- MB, separated and well reconstructed single tracks
- 0/1/2+ towers fired

Single track acceptance



- Probability that track will be reconstructed at all (Generation level Pt)
- Probability that track will pass all single track quality cuts (Reconstruction level Pt)

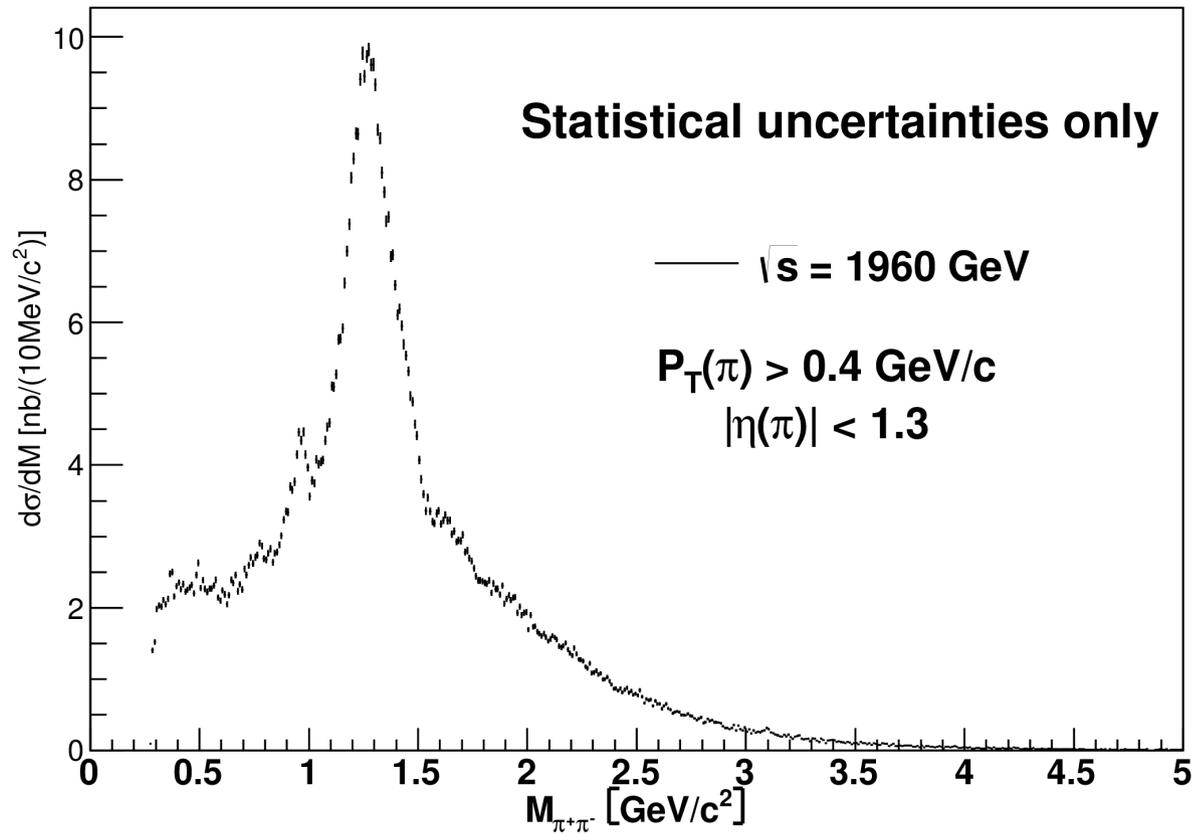
Two tracks acceptance



- „2 track cuts“:
 - Υ of central state
 - 3D opening angle
 - dZ0
 - Separation
- Based on spin=0 phase space model
- All track quality cuts applied before

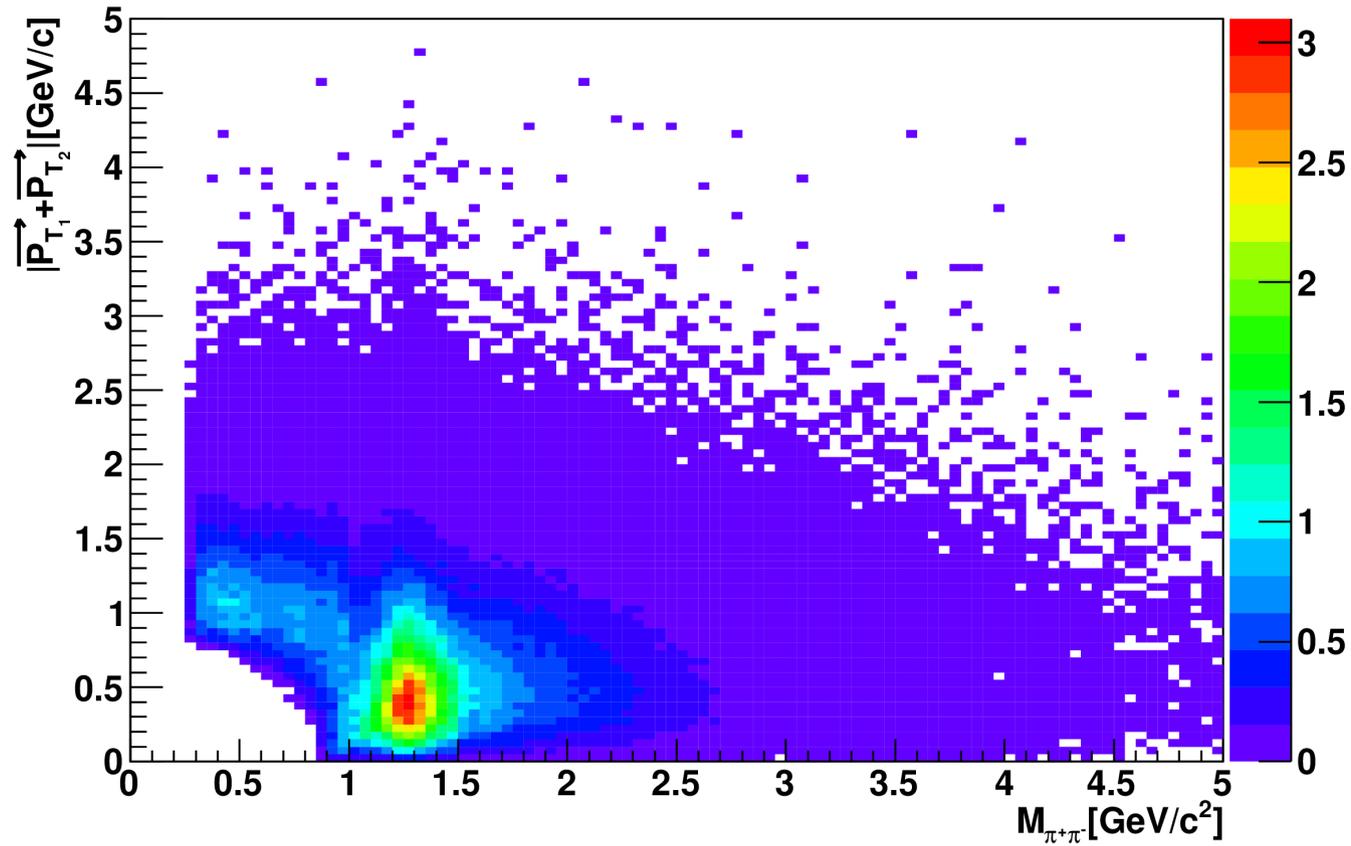
Results: Mass

CDF Run II Preliminary



Results: Mass vs Pt

CDF Run II Preliminary



Results: Pt vs Pt

CDF Run II Preliminary

