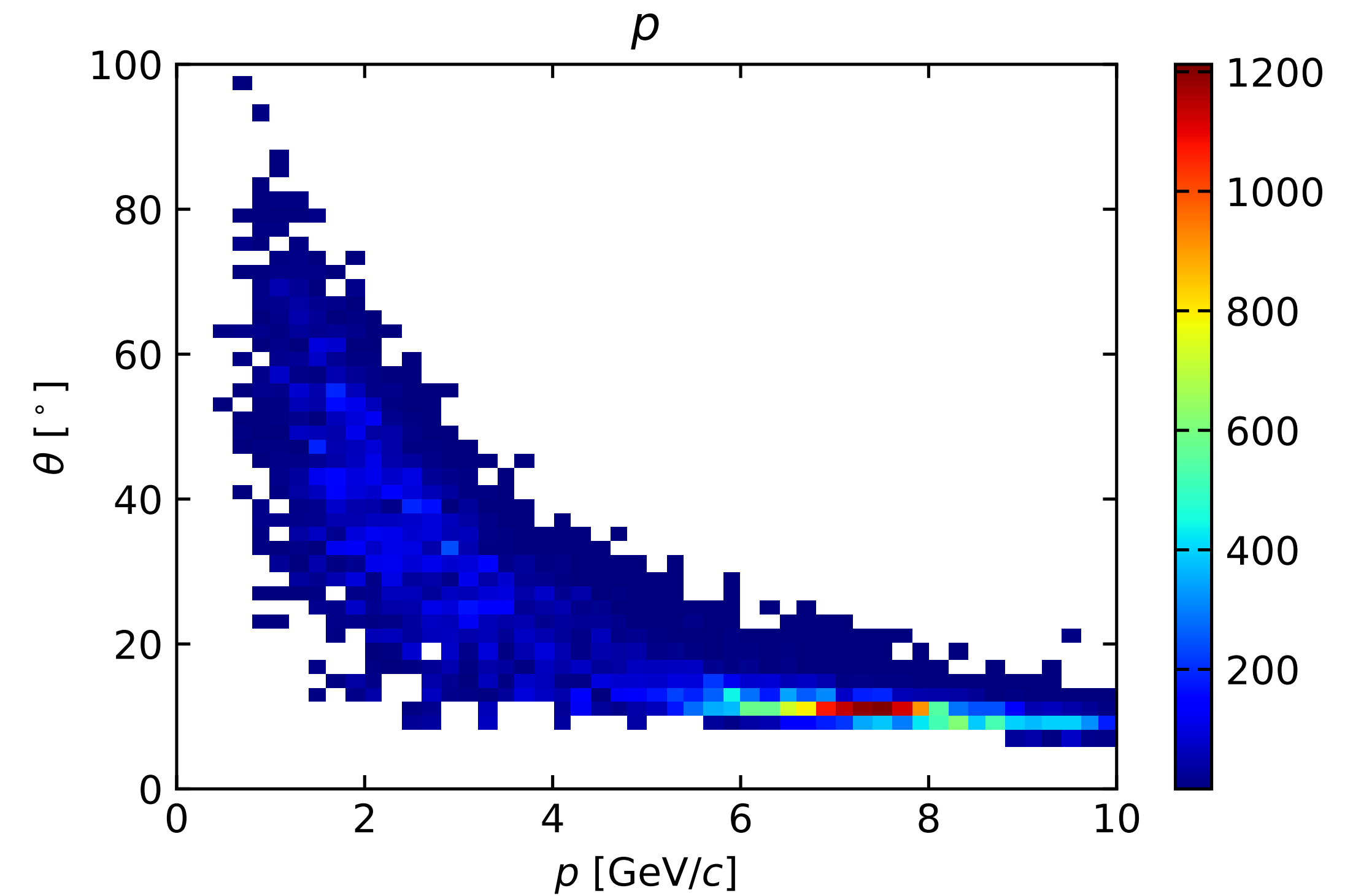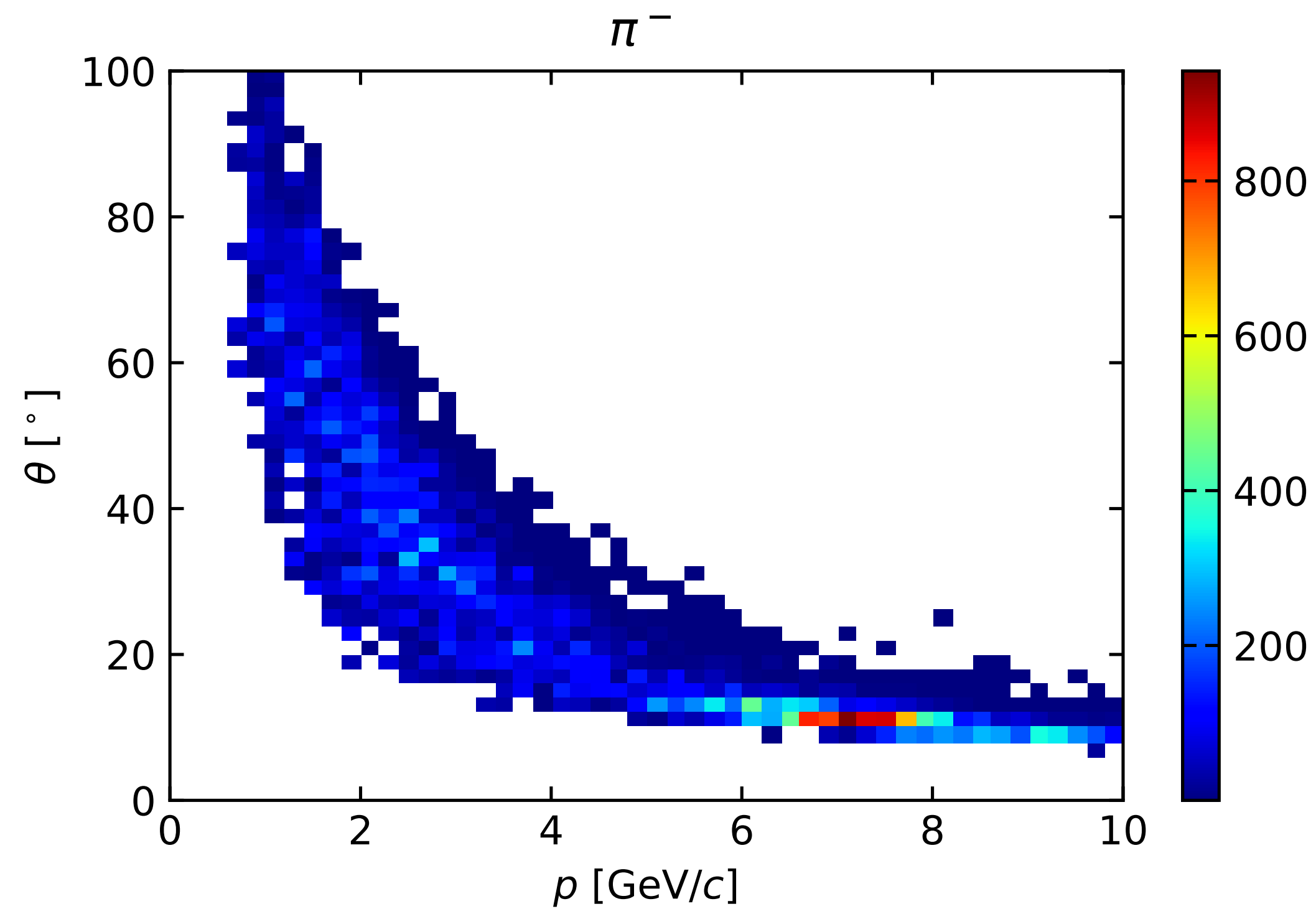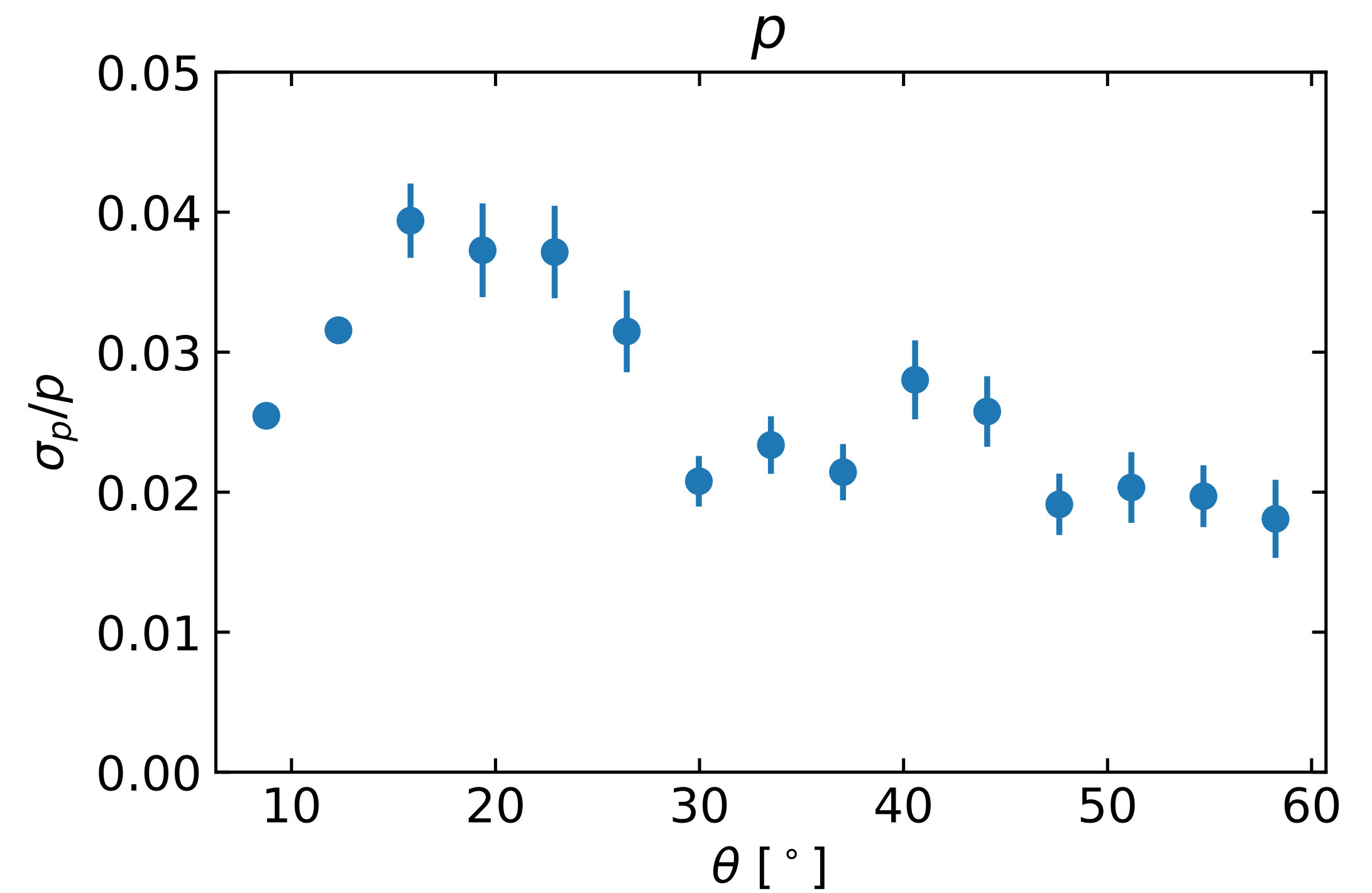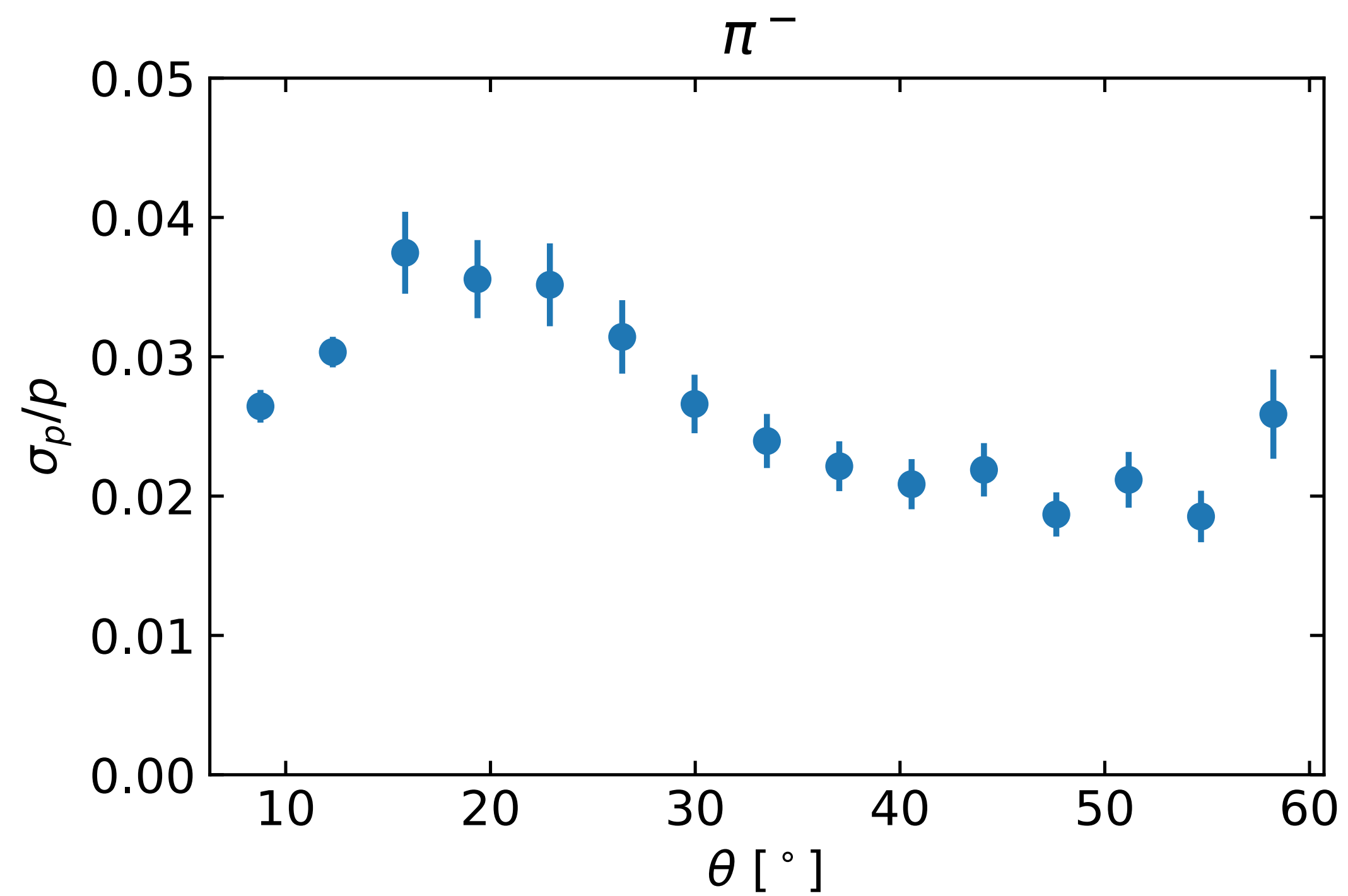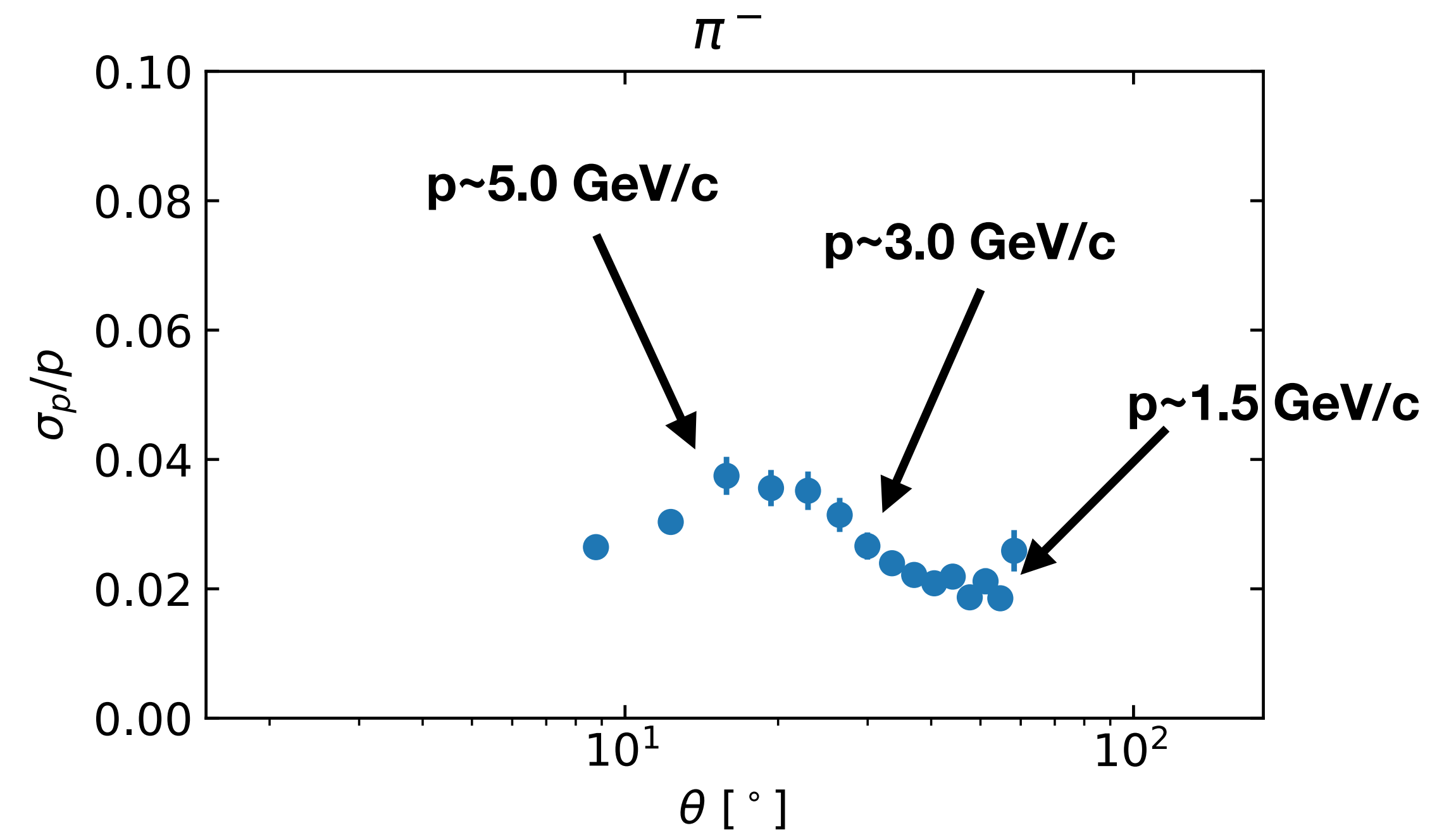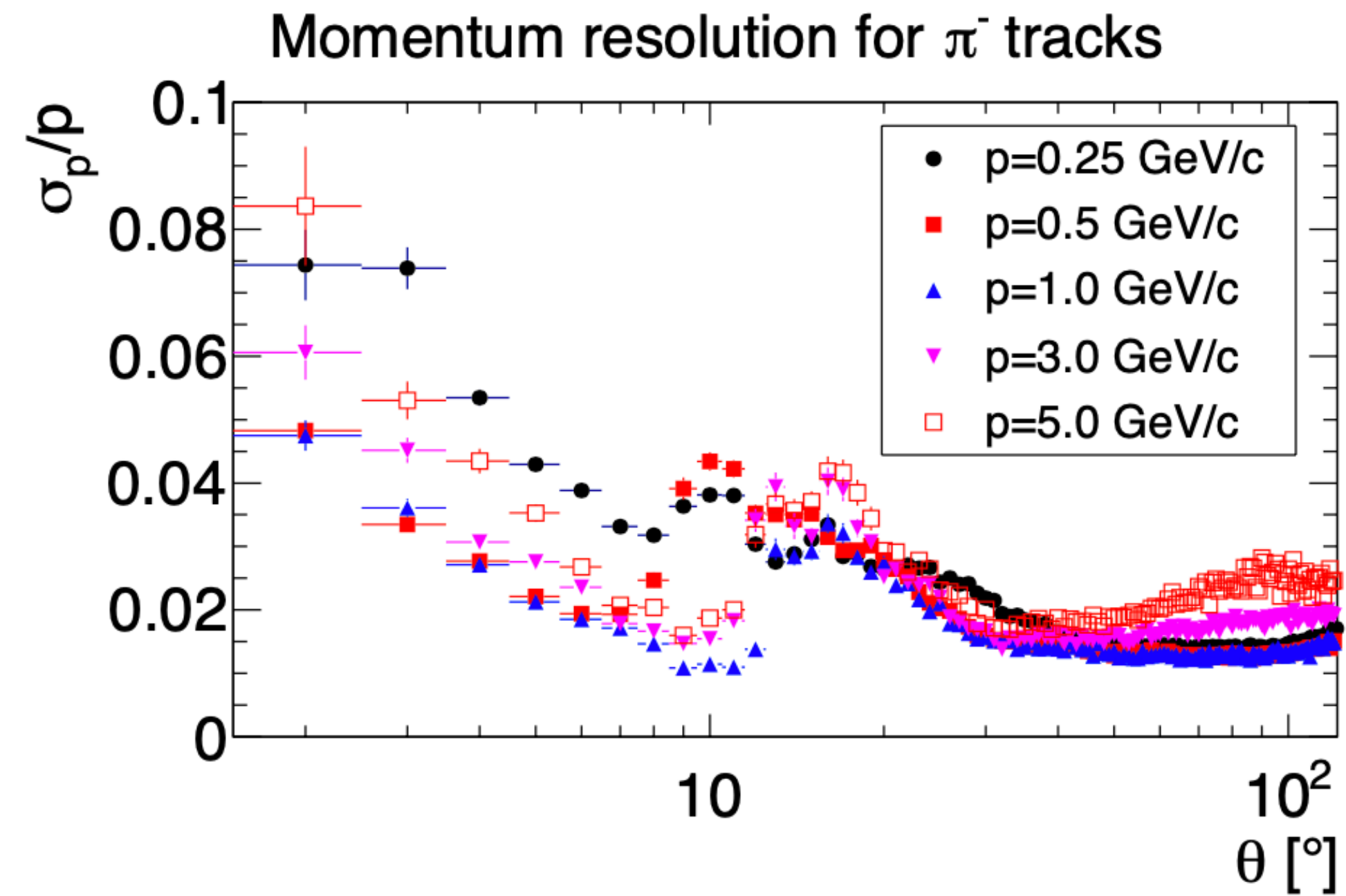# Current Status of GlueX SRC Reconstruction Study

Highly Correlated Kinematics
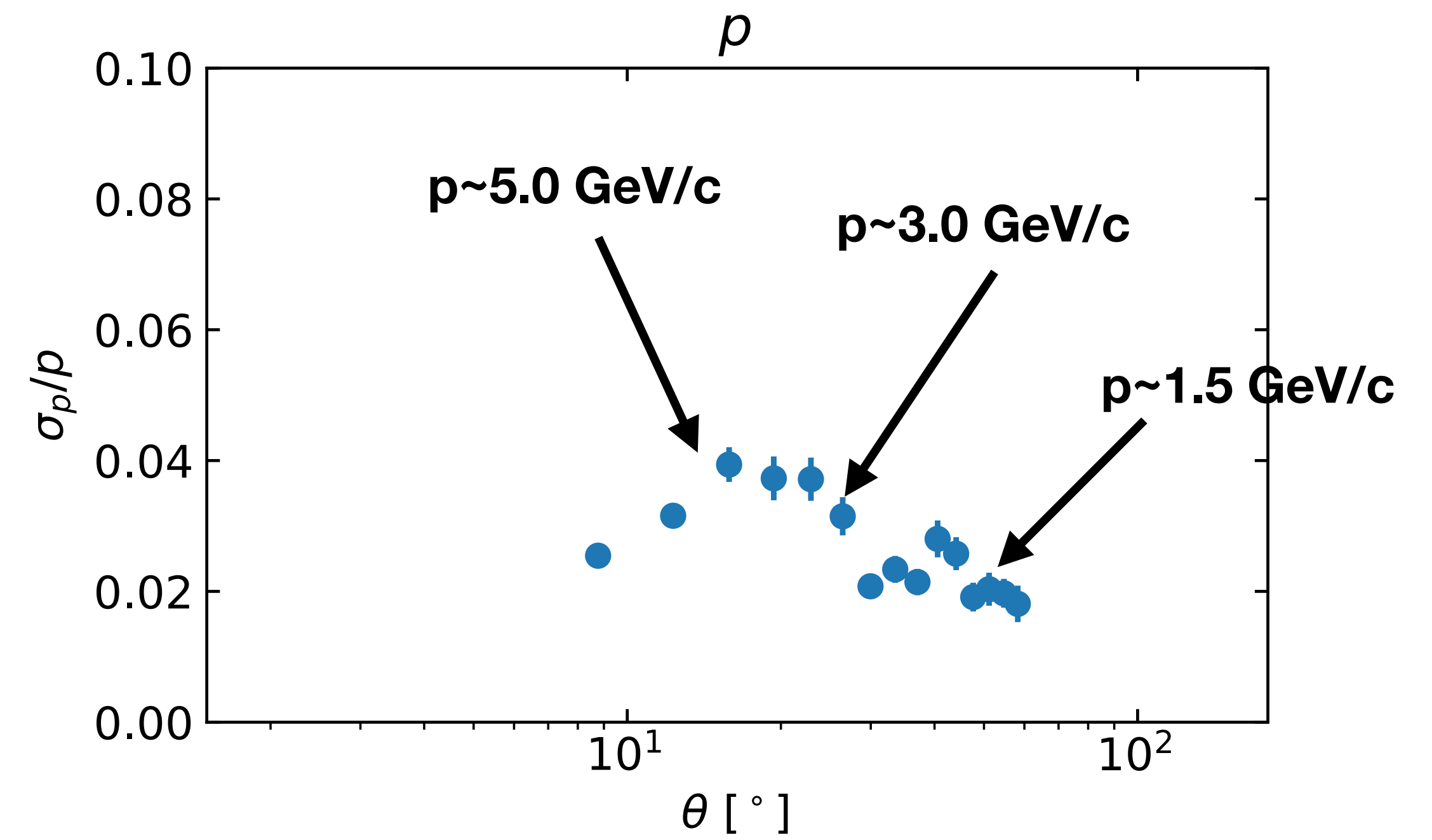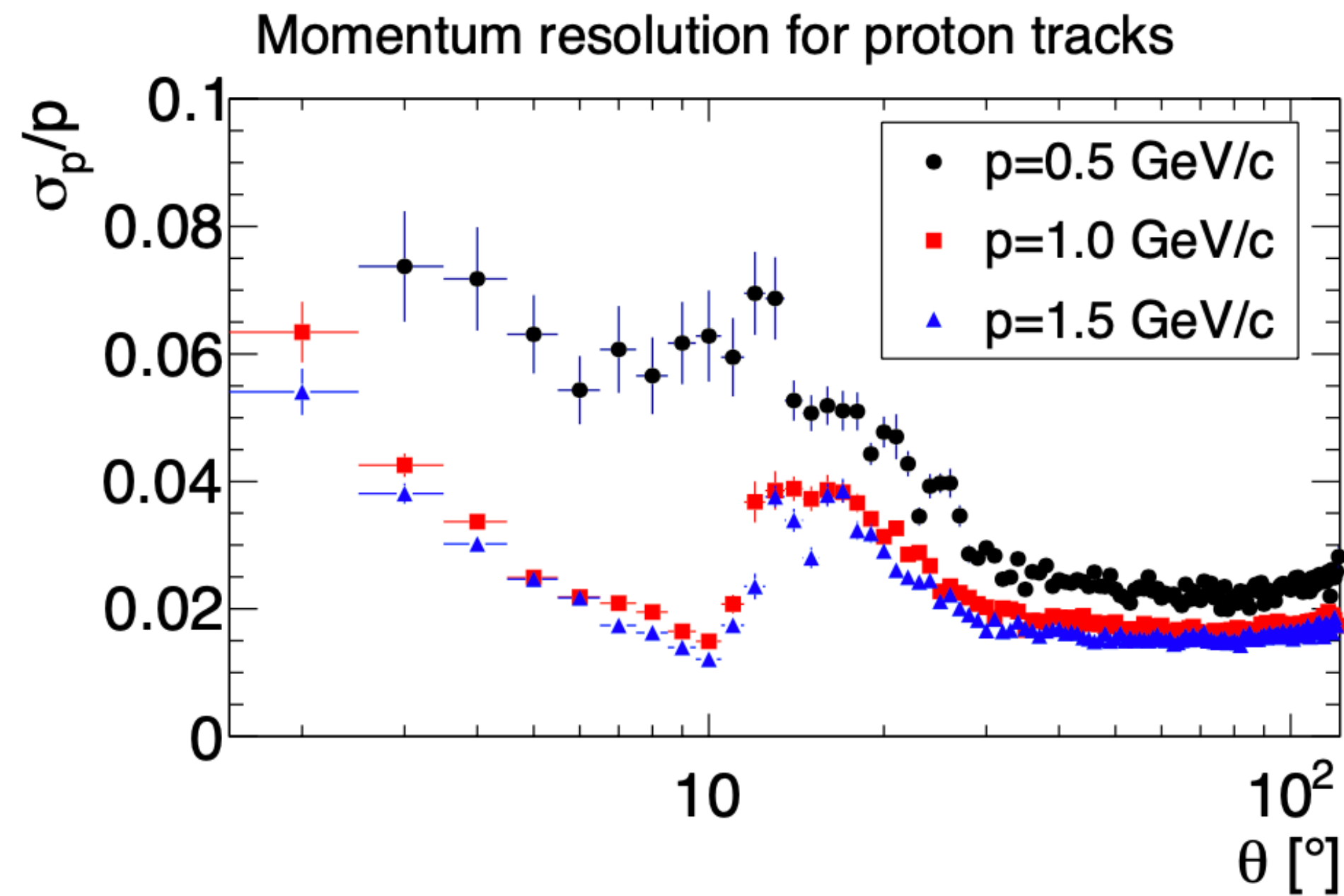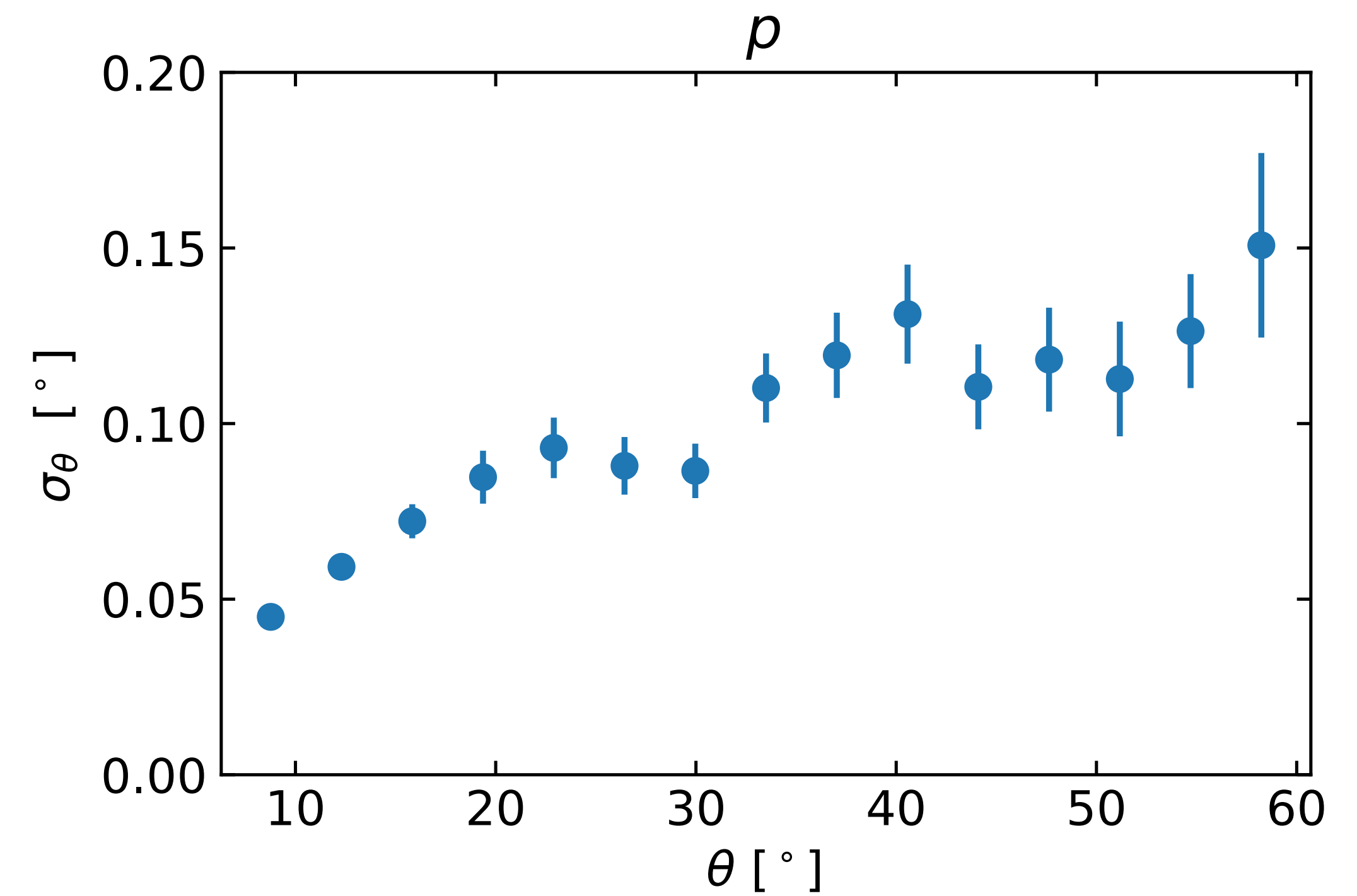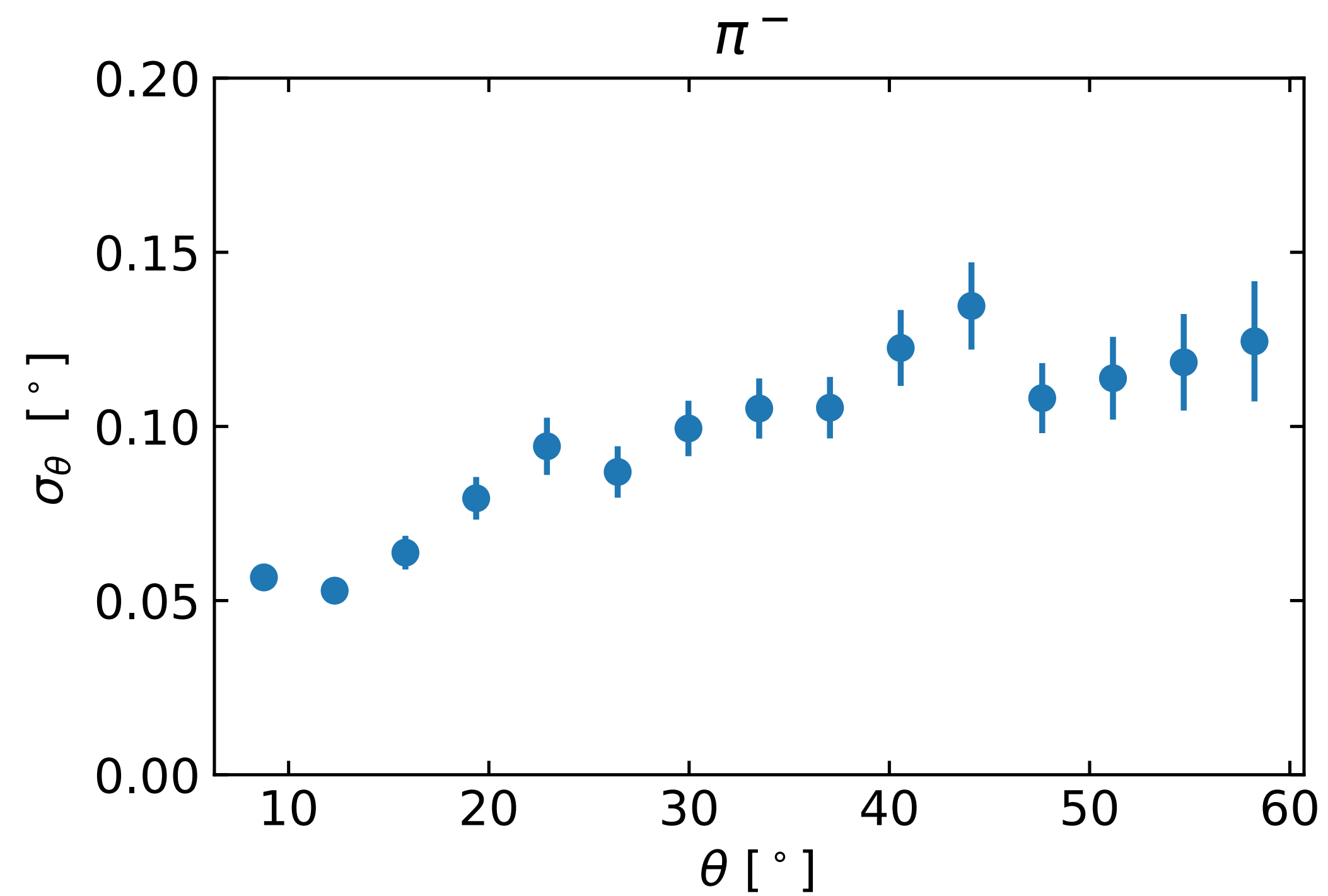
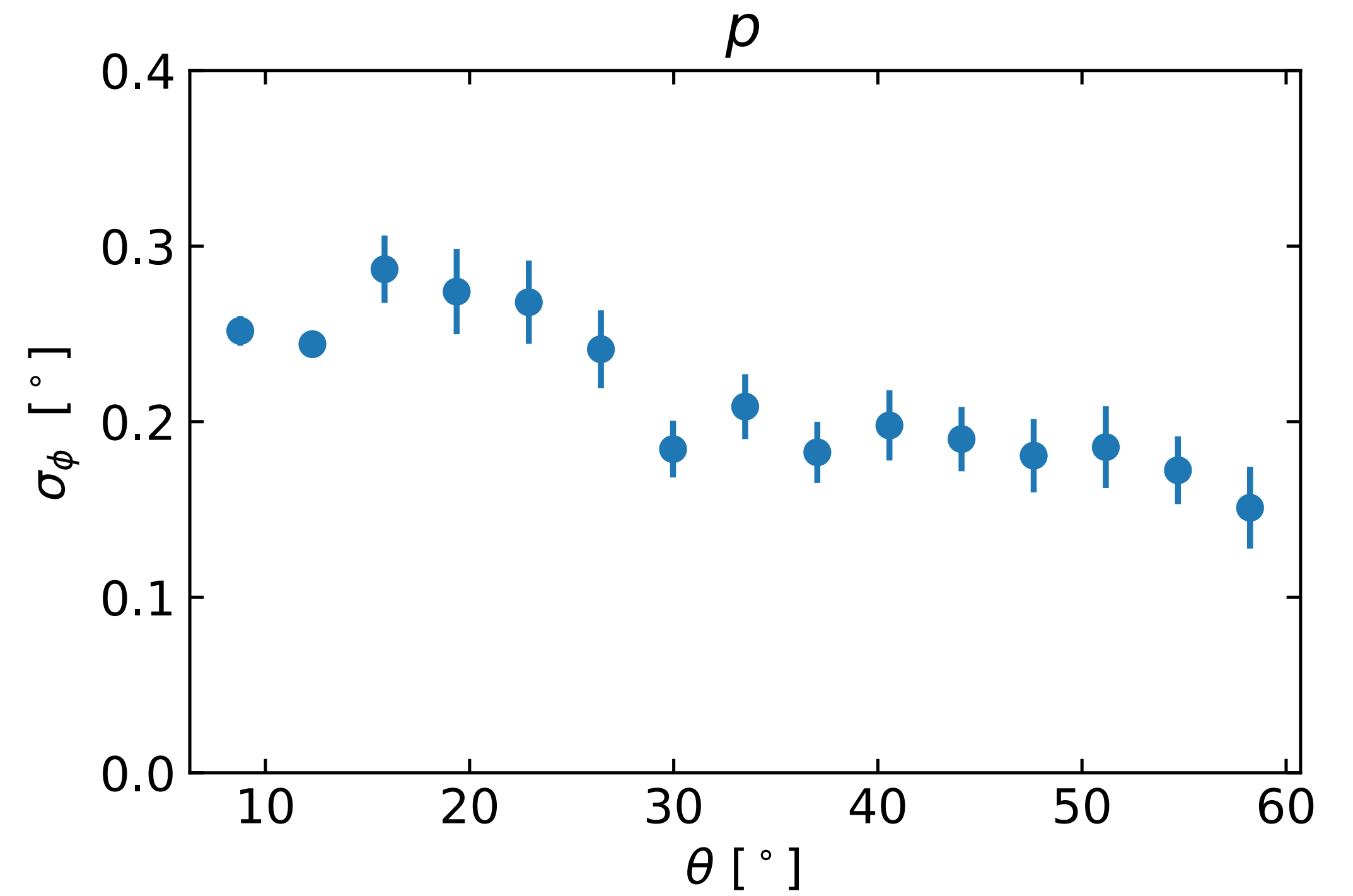# Momentum Resolution Depends on Angle
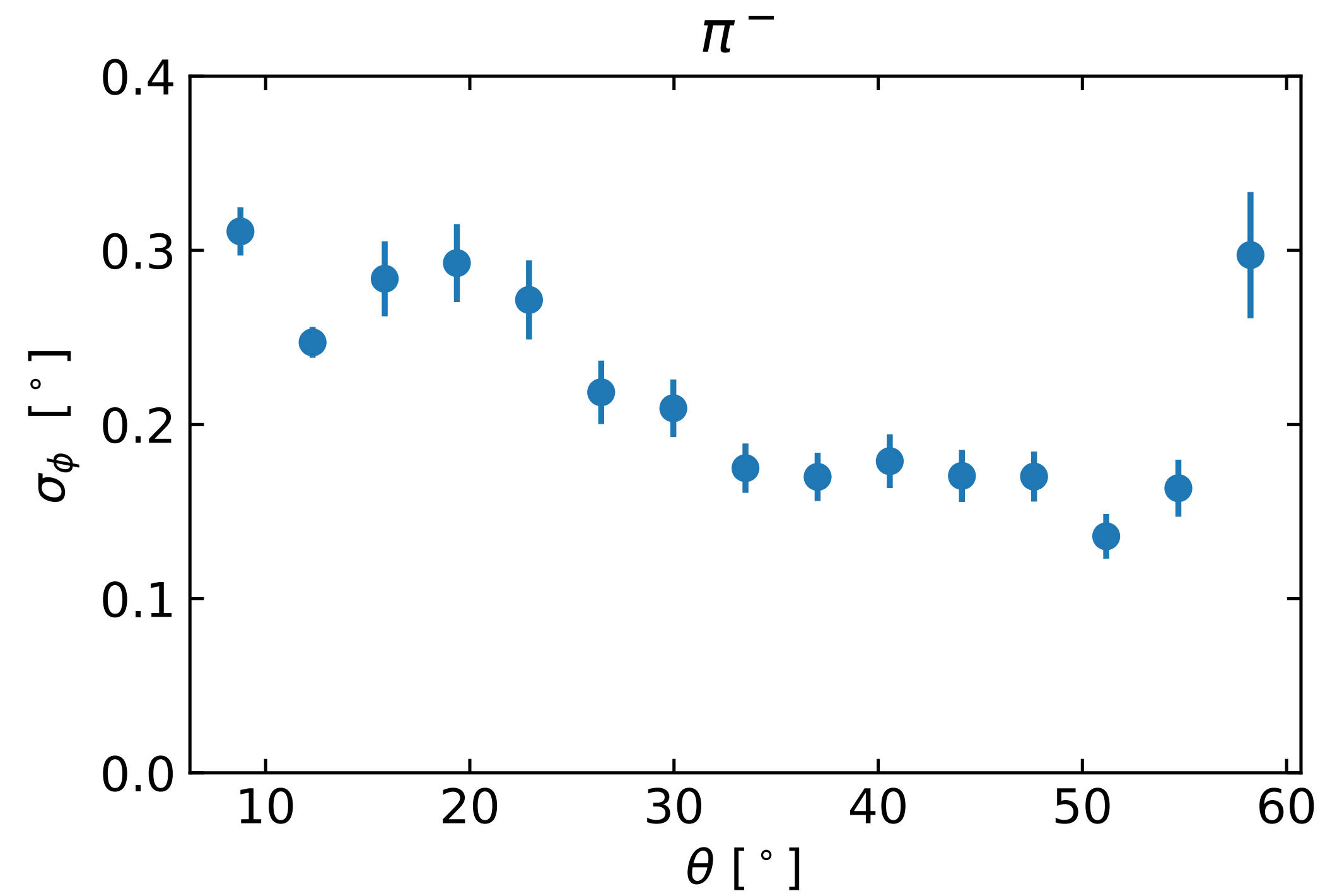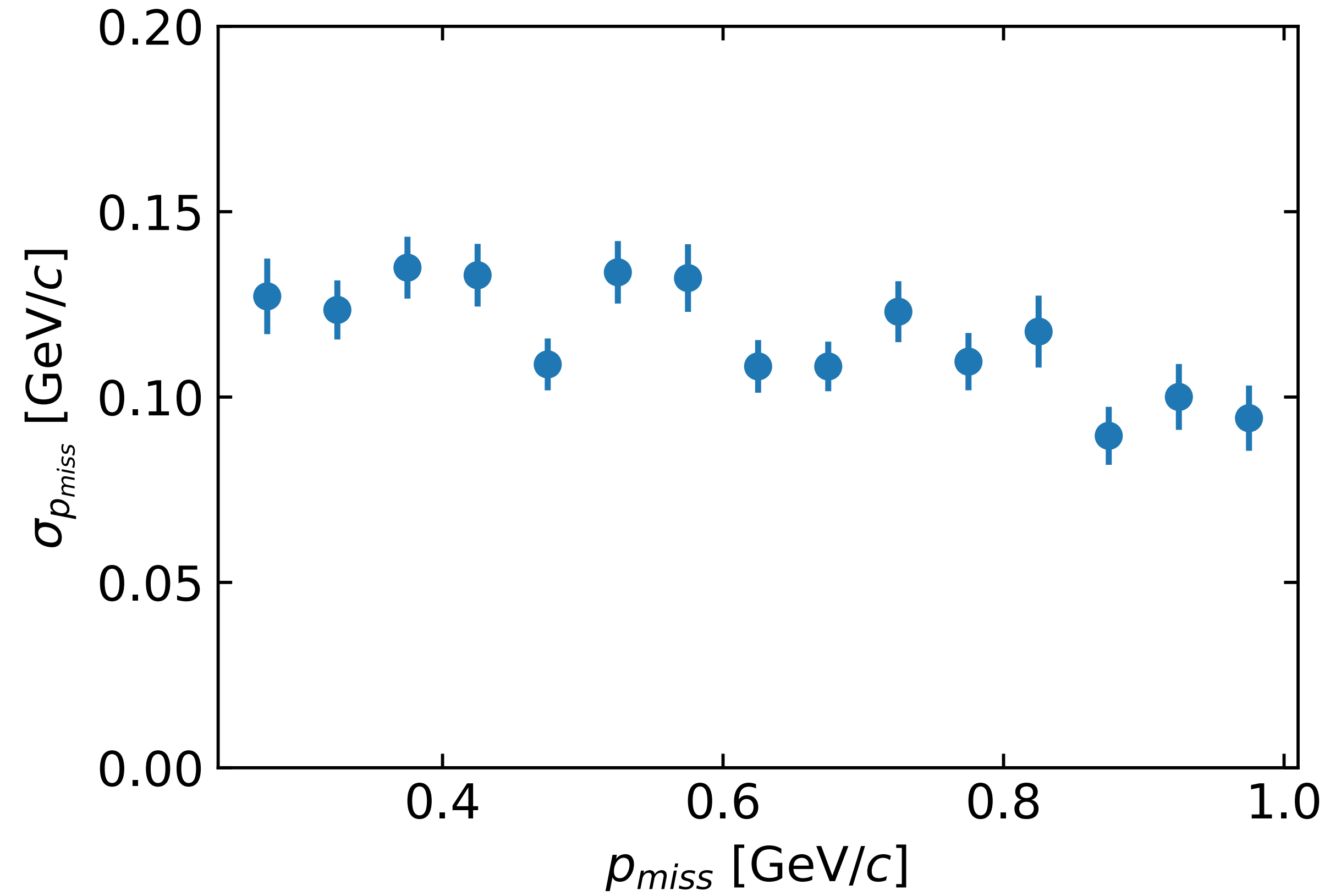
Pion Resolution

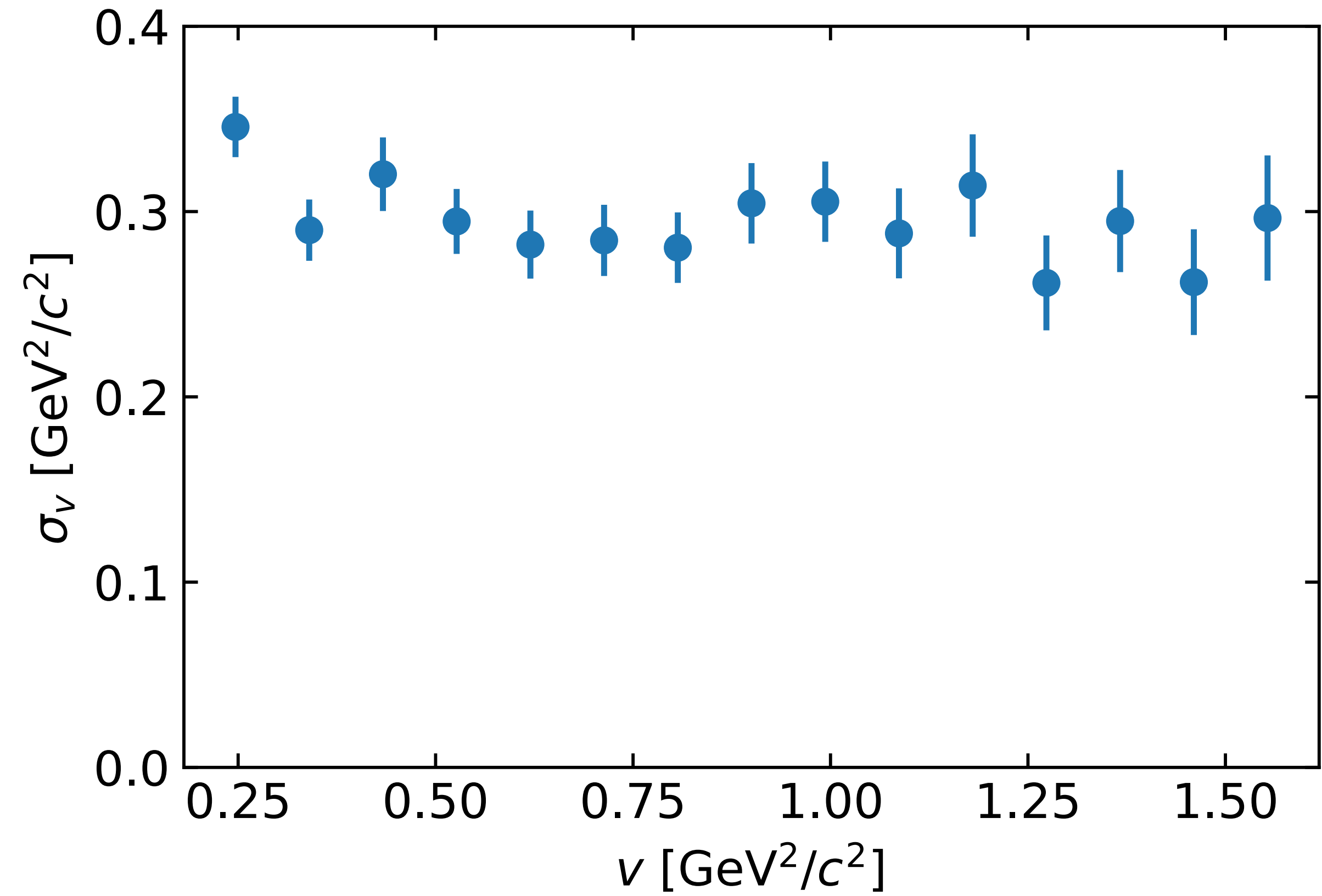# Proton Resolution

Polar Angle Resolution

Azimuthal Angle Resolution

Missing Momentum Resolution

Virtuality Resolution

To Do Next

- Fix cross section parameterization to get rid of divergent weights

- Improve statistical convergence by resampling according to weights

- Implement adjusted trigger logic

- Improved PID (Stopping power, BCAL TOF?)

- Look at resolution of other kinematic variables and identify primary confounders

- Look at recoil kinematics and PID