

Fragmentation function studies at BESIII

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Fragmentation Function (FF) plays a crucial role in describing the hadronization process. We report the measurements of normalized differential cross sections of inclusive π^0 and K_s production as a function of hadron momentum at six energy points with q^2 transfer from 5 to 13 GeV^2 at BESIII. The results with a relative energy coverage from 0.1 to 0.9 significantly deviate from several theoretical calculations based on existing fragmentation functions.

Parallel Session

Nucleon Structure in DIS

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Session Classification: Nucleon Structure in DIS