



Contribution ID: 2

Type: **not specified**

Fragmentation function studies at BESIII

Friday, 13 June 2025 11:50 (35 minutes)

Fragmentation functions play a crucial role in describing the hadronization process.

We report the measurements of normalized differential cross sections of inclusive π^0 , K_s , and η production as a function of hadron momentum at six energy points with q^2 transfer from 5 to 13 GeV^2 at BESIII. In addition, new recent results of single inclusive charged pions and kaons at center of mass energies from 2.000 to 3.671 GeV are presented. The comparisons with several theoretical models are also discussed.

Primary author: GARZIA, Isabella (Istituto Nazionale di Fisica Nucleare)

Presenter: GARZIA, Isabella (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fragmentation functions: Experiments & Phenomenology