

10th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions



Contribution ID: 105

Type: **Oral Presentation**

Z production in pPb collisions at LHCb

Tuesday 2 June 2020 13:55 (20 minutes)

LHCb measurements of the electroweak boson production in forward and backward configuration of proton-lead collisions are sensitive to the nPDFs in a unique kinematic domain, allowing to study in a complementary fashion the structure of the nucleus.

In this talk, we present the latest results obtained on the Z production in pPb and PbP collisions by LHCb, being the most precise measurements in the rapidity coverage

Collaboration (if applicable)

LHCb

Track

Heavy Flavor and Quarkonia

Contribution type

Contributed Talk

Authors: RICCIARDI, Stefania (Science and Technology Facilities Council STFC (GB)); LHCb COLLABORATION

Presenter: LI, Hengne (South China Normal University (CN))

Session Classification: Parallel

Track Classification: Heavy Flavor and Quarkonia