

Measurement of event shape variables in pp collisions at CMS

Thursday 18 July 2024 08:45 (15 minutes)

Inclusive event shape distributions, as well as event shapes as a function of charge particle multiplicity are extracted from CMS low-pileup and compared with predictions from various generators. Multi-dimensional unfolded distributions are provided, along with their correlations, using state-of-the-art machine-learning unfolding methods.

Alternate track

I read the instructions above

Yes

Authors: CMS; Mr KARMAKAR, Saikat (National Taiwan University (TW))

Presenter: Mr KARMAKAR, Saikat (National Taiwan University (TW))

Session Classification: Strong interactions and Hadron Physics

Track Classification: 06. Strong Interactions and Hadron Physics