

Central Exclusive Production at LHCb

Wednesday 28 June 2017 16:00 (20 minutes)

The cross-section for central exclusive production of J/ψ and $\Psi(2S)$ mesons at 13 TeV is measured using the LHCb detector. Proton dissociative backgrounds are significantly reduced compared to previous measurements through the use of forward shower counters, recently installed for Run 2. Plans for future measurements are also presented to exploit the new Run2 dataset.

Author: GERSABECK, Marco (University of Manchester (GB))

Presenter: MCNULTY, Ronan (University College Dublin (IE))

Session Classification: Hard Diffraction and Central Exclusive Production Session

Track Classification: Hard diffraction and central exclusive production