



Contribution ID: 179

Type: **Parallel Talk**

Inclusive and differential W and Z boson cross sections with the CMS detector

Thursday 6 July 2017 09:00 (15 minutes)

Measurements of single W and Z boson inclusive and differential production cross sections and their ratios with the CMS detector are presented. The results are compared to predictions from different Monte Carlo generators. A comparison of the results to predictions using different parton distribution functions (PDF) tests the performance of PDFs.

Experimental Collaboration

CMS

Presenter: MAZUMDAR, Kajari (Tata Inst. of Fundamental Research (IN))**Session Classification:** Top and electroweak**Track Classification:** Top and Electroweak Physics