



Contribution ID: 120

Type: **Parallel contribution**

Rates of Jets Produced in Association with W and Z Bosons

Tuesday, 9 August 2011 17:20 (20 minutes)

We present a study of jets produced in association with vector bosons production in pp collisions at center-of-mass energy of 7 TeV using the full CMS 2010 data set, corresponding to 36 pb⁻¹. The transverse energy distribution of the reconstructed leading jets is measured and compared to theoretical expectations. The jet multiplicity distributions are efficiency corrected and unfolded. The ratios of multiplicities, $\sigma(V+n+1)/\sigma(V+n)$ and $\sigma(W+n)/\sigma(Z+n)$ where n stands for n jets, are also presented.

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Session Classification: Electroweak Physics

Track Classification: Electroweak Physics