

Pushing the Precision frontier at the LHC with V+jets

Proceedings for the workshop on 'Illuminating standard candles at the LHC: V+jets' held at Imperial College London on April 25th-26th

1 Motivation

- [1] *Ratios of W and Z cross sections at large boson p_T as a constraint on PDFs and background to new physics*, Sarah Alam Malik and Graeme Watt, JHEP 1402 (2014) 025.
- [2] *Interplay and Characterization of Dark Matter Searches at Colliders and in Direct Detection Experiments*, S. Malik et. al., arXiv:1409.4075 (2014). Published in Physics of the Dark Universe.