

Goulios\_Konstantin\_ICNFP\_2018\_Abstract

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Title: Precision RENORM soft and hard diffraction predictions: A tool for deciphering cross-section measurement discrepancies

Abstract:

Diffraction, elastic, and precision total pp cross-section RENORM model predictions are compared with experimental LHC measurements. Discrepancies among experimental results at the 3-sigma level exist, and we use RENORM to understand and resolve them.