

Abstract Submitted
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Direct Measurement of the W Boson Width SARAH MALIK, VALERIA BARTSCH, DANIEL BEECHER, ILIJA BIZJAK, MARK LANCASTER, EMILY NURSE, TROY VINE, DAVID WATERS, University College London, CDF COLLABORATION — We present a direct measurement of the W boson width using 370 pb^{-1} and 330 pb^{-1} of data collected with the CDF II detector for the electron and muon decay channels respectively. The measurement is made by fitting to the tail of the transverse mass distribution, exploiting the slower fall-off of the Breit Wigner width component compared to the Gaussian resolution component.

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