btag\_morethanzero\_375\_ Jet Multiplicity=all **Events / 0.1** 10<sup>7</sup> CMS Preliminary 2012, 7TeV L dt =  $5.0 \text{ fb}^{-1}$ 10<sup>6</sup> Data W + Jets  $\begin{array}{c} \boldsymbol{t}\overline{\boldsymbol{t}} \\ \boldsymbol{Z} \rightarrow \boldsymbol{\nu}\overline{\boldsymbol{\nu}} \end{array}$ 10<sup>5</sup> DY + Jets WW/ZZ/WZ QCD Single Top 10<sup>4</sup> **Combined SM** 10<sup>3</sup> 10<sup>2</sup> 10  $\alpha_{\mathsf{T}}$ 0.5 Data/MC 1.5 0.5 2.5 **0.5** 1.5 2