CMS Preliminary, 19.6 fb⁻¹ at $\sqrt{s} = 8 \text{ TeV}$ Events 10⁵ tt + II tt + cc 1 iso. μ , \geq 6 Jets, \geq 2 b-tags tt + bb $H_t \ge 400 \text{ GeV/c}, E_t^{miss} \ge 30 \text{ GeV}$ EW tt other 10⁴ Scale uncertainty SM tttt (X 100) Data 10³ 10² 10 Data - MC (%) 100 -100 -0.3 -0.2 -0.1 0.1 0.2 0.3 0 0.4 **BDT** Discriminant