$7 \text{ TeV } 0.0 < |y| < 1.0 \cos^2 \theta_{HX} HX tr$ ups17_ct0_y0 **Entries** 1414414 1.36 Mean 0.9 Mean y 0.3997 0.4316 Std Dev 8.0 Std Dev y 0.3115 0.7 0.6 0.5 0.4 0.3 0.2 0.1 15 20 25 30 10 35 40