

Cross section variables	dof	χ^2		
		POW+PYT (w. unc.)	FxFx+PYT	POW+HER
$[y(\mathbf{t}) , p_T(\mathbf{t})]$	15	40 (31)	71	30
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t})]$	8	83 (35)	152	41
$[p_T(\mathbf{t}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	39 (21)	69	83
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	15	64 (42)	66	63
$[y(\mathbf{t}\bar{\mathbf{t}}) , p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	28 (15)	36	70
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	61 (43)	71	112
$[p_T(\mathbf{t}\bar{\mathbf{t}}), m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	47	89 (64)	107	134
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t})]$	15	61 (37)	83	49
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\eta(\mathbf{t}, \bar{\mathbf{t}})]$	11	165 (31)	233	124
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\phi(\mathbf{t}, \bar{\mathbf{t}})]$	11	74 (47)	49	91