

Cross section variables	dof	χ^2	
		POW+PYT (w. unc.)	STRIPPER (w. unc.)
$[y(\mathbf{t}) , p_T(\mathbf{t})]$	15	35 (25)	16 (16)
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t})]$	8	86 (36)	18 (9)
$[p_T(\mathbf{t}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	35 (19)	160 (109)
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	15	77 (40)	43 (42)
$[y(\mathbf{t}\bar{\mathbf{t}}) , p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	27 (18)	78 (40)
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	15	61 (36)	363 (146)
$[p_T(\mathbf{t}\bar{\mathbf{t}}), m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t}\bar{\mathbf{t}})]$	47	114 (68)	137 (82)
$[m(\mathbf{t}\bar{\mathbf{t}}), y(\mathbf{t})]$	15	57 (26)	20 (18)
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\eta(\mathbf{t}, \bar{\mathbf{t}})]$	11	155 (30)	37 (21)
$[m(\mathbf{t}\bar{\mathbf{t}}), \Delta\phi(\mathbf{t}, \bar{\mathbf{t}})]$	11	71 (42)	405 (334)