

Cross section variables	dof	$\chi^2$	
		POW+PYT (w. unc.)	STRIPPER (w. unc.)
$[ y(\mathbf{t}) , p_T(\mathbf{t})]$	16	44 (28)	17 (16)
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t})]$	9	103 (37)	26 (17)
$[p_T(\mathbf{t}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	16	44 (21)	169 (106)
$[m(\mathbf{t}\bar{\mathbf{t}}),  y(\mathbf{t}\bar{\mathbf{t}}) ]$	16	86 (41)	44 (43)
$[ y(\mathbf{t}\bar{\mathbf{t}}) , p_T(\mathbf{t}\bar{\mathbf{t}})]$	16	32 (19)	81 (38)
$[m(\mathbf{t}\bar{\mathbf{t}}), p_T(\mathbf{t}\bar{\mathbf{t}})]$	16	69 (37)	388 (145)
$[p_T(\mathbf{t}\bar{\mathbf{t}}), m(\mathbf{t}\bar{\mathbf{t}}),  y(\mathbf{t}\bar{\mathbf{t}}) ]$	48	133 (69)	149 (82)
$[m(\mathbf{t}\bar{\mathbf{t}}),  y(\mathbf{t}) ]$	16	64 (27)	21 (20)
$[m(\mathbf{t}\bar{\mathbf{t}}),  \Delta\eta(\mathbf{t}, \bar{\mathbf{t}}) ]$	12	174 (32)	39 (25)
$[m(\mathbf{t}\bar{\mathbf{t}}),  \Delta\phi(\mathbf{t}, \bar{\mathbf{t}}) ]$	12	80 (44)	426 (327)