

Cross section variables	p -values of χ^2 (in %)	
	POW+PYT (w. unc.)	STRIPPER (w. unc.)
$[y(t) , p_T(t)]$	<1 (5)	38 (39)
$[m(t\bar{t}), p_T(t)]$	<1 (<1)	2 (32)
$[p_T(t), p_T(t\bar{t})]$	<1 (21)	<1 (<1)
$[m(t\bar{t}), y(t\bar{t})]$	<1 (<1)	<1 (<1)
$[y(t\bar{t}) , p_T(t\bar{t})]$	3 (28)	<1 (<1)
$[m(t\bar{t}), p_T(t\bar{t})]$	<1 (<1)	<1 (<1)
$[p_T(t\bar{t}), m(t\bar{t}), y(t\bar{t})]$	<1 (3)	<1 (<1)
$[m(t\bar{t}), y(t)]$	<1 (4)	18 (25)
$[m(t\bar{t}), \Delta\eta(t, \bar{t})]$	<1 (<1)	<1 (3)
$[m(t\bar{t}), \Delta\phi(t, \bar{t})]$	<1 (<1)	<1 (<1)