

Cross section variables	p -values of χ^2 (in %)	
	POW+PYT (w. unc.)	STRIPPER (w. unc.)
$p_T(\ell)$	<1 (8)	12 (13)
$p_T(\ell)$ trailing/ $p_T(\ell)$ leading	10 (30)	81 (82)
$p_T(\ell)/p_T(\bar{\ell})$	4 (6)	33 (34)
$p_T(\mathbf{b})$ leading	86 (92)	64 (76)
$p_T(\mathbf{b})$ trailing	48 (70)	81 (97)
$(p_T(\mathbf{b}) + p_T(\bar{\mathbf{b}}))/(p_T(\mathbf{t}) + p_T(\bar{\mathbf{t}}))$	<1 (<1)	4 (5)
$m(\ell\bar{\ell})$	2 (5)	32 (34)
$m(\mathbf{b}\bar{\mathbf{b}})$	2 (7)	<1 (<1)
$m(\ell\bar{\ell}\mathbf{b}\bar{\mathbf{b}})$	2 (45)	68 (76)
$p_T(\ell\bar{\ell})$	86 (96)	73 (93)
$ \eta(\ell\bar{\ell}) $	40 (77)	<1 (7)
$[\eta(\ell\bar{\ell}) , m(\ell\bar{\ell})]$	<1 (23)	<1 (<1)
$[\eta(\ell\bar{\ell}) , p_T(\ell\bar{\ell})]$	10 (78)	<1 (11)
$[p_T(\ell\bar{\ell}), m(\ell\bar{\ell})]$	3 (15)	2 (2)