

Cross section variables	$p$ -values of $\chi^2$ (in %)	
	POW+PYT (w. unc.)	STRIPPER (w. unc.)
$p_T(\ell)$	<1 (9)	14 (14)
$p_T(\ell)$ trailing/ $p_T(\ell)$ leading	9 (34)	86 (87)
$p_T(\ell)/p_T(\bar{\ell})$	<1 (<1)	14 (32)
$p_T(\mathbf{b})$ leading	85 (91)	61 (65)
$p_T(\mathbf{b})$ trailing	46 (64)	78 (98)
$(p_T(\mathbf{b}) + p_T(\bar{\mathbf{b}}))/(p_T(\mathbf{t}) + p_T(\bar{\mathbf{t}}))$	<1 (<1)	7 (9)
$m(\ell\bar{\ell})$	<1 (2)	36 (40)
$m(\mathbf{b}\bar{\mathbf{b}})$	<1 (2)	<1 (<1)
$m(\ell\bar{\ell}\mathbf{b}\bar{\mathbf{b}})$	<1 (48)	66 (75)
$p_T(\ell\bar{\ell})$	88 (97)	78 (96)
$ \eta(\ell\bar{\ell}) $	32 (77)	<1 (4)
$[ \eta(\ell\bar{\ell}) , m(\ell\bar{\ell})]$	<1 (22)	<1 (<1)
$[ \eta(\ell\bar{\ell}) , p_T(\ell\bar{\ell})]$	7 (80)	<1 (12)
$[p_T(\ell\bar{\ell}), m(\ell\bar{\ell})]$	1 (12)	<1 (<1)