

| Cross section variables | p -values of χ^2 (in %) | | |
|---|--------------------------------|----------|---------|
| | POW+PYT (w. unc.) | FxFx+PYT | POW+HER |
| $p_T(\ell)$ | <1 (9) | <1 | 6 |
| $p_T(\ell)$ trailing / $p_T(\ell)$ leading | 9 (34) | <1 | 70 |
| $p_T(\ell) / p_T(\bar{t})$ | <1 (<1) | <1 | 2 |
| $p_T(\mathbf{b})$ leading | 85 (91) | <1 | 64 |
| $p_T(\mathbf{b})$ trailing | 46 (64) | <1 | 41 |
| $(p_T(\mathbf{b}) + p_T(\bar{\mathbf{b}})) / (p_T(\mathbf{t}) + p_T(\bar{\mathbf{t}}))$ | <1 (<1) | <1 | <1 |
| $m(\ell\bar{\ell})$ | <1 (2) | <1 | 3 |
| $m(\mathbf{b}\bar{\mathbf{b}})$ | <1 (2) | 2 | 4 |
| $m(\ell\bar{\ell}\mathbf{b}\bar{\mathbf{b}})$ | <1 (48) | 6 | 10 |
| $p_T(\ell\bar{\ell})$ | 88 (97) | 6 | 34 |
| $ \eta(\ell\bar{\ell}) $ | 32 (77) | 7 | 63 |
| $[\eta(\ell\bar{\ell}) , m(\ell\bar{\ell})]$ | <1 (22) | <1 | 7 |
| $[\eta(\ell\bar{\ell}) , p_T(\ell\bar{\ell})]$ | 7 (80) | <1 | 24 |
| $[p_T(\ell\bar{\ell}), m(\ell\bar{\ell})]$ | 1 (12) | <1 | <1 |