

| Source | $\mathcal{B}_{Y(nS)\rightarrow\mu^+\mu^-} d\sigma/dp_T^2$ | b | $\mathcal{B}_{Y(nS)\rightarrow\mu^+\mu^-} d\sigma/dy$ | $d\sigma_{Y(1S)}/dy$ | $\sigma_{\gamma p\rightarrow Y(1S)p}$ |
|---------------------------------------------------------------|-----------------------------------------------------------|-----------|-------------------------------------------------------|----------------------|---------------------------------------|
| Muon efficiency | ± 11 | — | ± 11 | ± 11 | ± 11 |
| Acceptance | ± 3 | ± 2 | ± 2 | ± 2 | ± 2 |
| Unfolding | ± 1 | ± 0.2 | — | — | — |
| Exclusive QED background | ± 4 | ± 3 | ± 4 | ± 4 | ± 4 |
| Nonexclusive background | ± 3 | ± 3 | ± 6 | ± 6 | ± 6 |
| Integrated luminosity | ± 4 | — | ± 4 | ± 4 | ± 4 |
| Feed-down | — | — | — | ± 2 | ± 2 |
| Branching fraction $\mathcal{B}_{Y(1S)\rightarrow\mu^+\mu^-}$ | — | — | — | ± 2 | ± 2 |
| $f_{Y(1S)}$ fraction | — | — | — | ± 6 | ± 6 |
| Photon flux Φ | — | — | — | — | ± 4 |
| Total | ± 13 | ± 5 | ± 14 | ± 15 | ± 16 |