

| Selection criteria | | OSSF pair | Resonance | Vetoed range (GeV) |
|------------------------------------|---------------------------|--------------------|------------|--------------------|
| $\Delta R(\ell_2, \ell_3)$ | < 1 | any | ω | 0.78 ± 0.08 |
| $ \Delta\phi(\ell_1, \ell_{2/3}) $ | > 1 | | ϕ | 1.02 ± 0.08 |
| $m(\ell_1\ell_2\ell_3)$ | $\in [50,80] \text{ GeV}$ | | J/ ψ | 3.10 ± 0.08 |
| number of b jets | $= 0$ | | $\psi(2S)$ | 3.69 ± 0.08 |
| $p_T(\ell_2\ell_3)$ | $> 15 \text{ GeV}$ | $\ell_1\ell_{2/3}$ | Y(1S) | 9.46 ± 0.08 |
| $\cos\theta(SV, \ell_2\ell_3)$ | > 0.99 | | Y(2S) | 10.02 ± 0.08 |
| p_{SV} | > 0.001 | | Y(3S) | 10.36 ± 0.08 |
| $S(\Delta_{2D})$ | > 20 | | Z | 91.2 ± 10.0 |
| $m(\ell\ell)$ | \notin vetoed ranges | | | |