| Variable | common to all SRs | | | | | |
|---|---|---|---|---|---|---|
| Number of hard jets | $\leq 2$ | | | | | |
| $\Delta\phi$(hard jets) (rad) | $< 2.5$ | | | | | |
| $p_{\mathrm{T}}^{\mathrm{miss}}$ (GeV) | $> 300$ | | | | | |
| Lepton rejection | no $\tau$, or additional $\ell$ with $p_{\mathrm{T}} > 20$ GeV | | | | | |
| | SR1 | | | SR2 | | |
| $H_{\mathrm{T}}$ (GeV) | $> 400$ | | | $> 300$ | | |
| $p_{\mathrm{T}}$(ISR jet) (GeV) | $> 100$ | | | $> 325$ | | |
| Number of b jets | 0 | | | $\geq$1 soft, 0 hard | | |
| $\lvert\eta(\ell)\rvert$ | $< 1.5$ | | | $< 2.4$ | | |
| | SR1a | SR1b | SR1c | SR2a | SR2b | SR2c |
| $m_{\mathrm{T}}$ (GeV) | $< 60$ | 60–95 | $> 95$ | $< 60$ | 60–95 | $> 95$ |
| $Q(\ell)$ | $-1$ | $-1$ | any | any | any | any |
| $p_{\mathrm{T}}(\mu)$ (GeV) | 3.5–5 (VL) | 3.5–5 (VL) | - | 3.5–5 (VL) | 3.5–5 (VL) | - |
| $p_{\mathrm{T}}(\mathrm{e},\mu)$ (GeV) | 5–12 (L) | 5–12 (L) | 5–12 (L) | 5–12 (L) | 5–12 (L) | 5–12 (L) |
| | 12–20 (M) | 12–20 (M) | 12–20 (M) | 12–20 (M) | 12–20 (M) | 12–20 (M) |
| | 20–30 (H) | 20–30 (H) | 20–30 (H) | 20–30 (H) | 20–30 (H) | 20–30 (H) |
| | $> 30$ (CR) | $> 30$ (CR) | $> 30$ (CR) | $> 30$ (CR) | $> 30$ (CR) | $> 30$ (CR) |
| $C_{\mathrm{T}}$ (GeV) | $300 < C_{\mathrm{T1}} < 400$ (X)<br>$C_{\mathrm{T1}} > 400$ (Y) | | | $300 < C_{\mathrm{T2}} < 400$ (X)<br>$C_{\mathrm{T2}} > 400$ (Y) | | |