



- $e^+e^- \rightarrow \mu^+\mu^- Z', Z' \rightarrow \nu_l \bar{\nu}_l \text{ or } \rightarrow \chi \bar{\chi}$
 - $e^+e^- \rightarrow \mu^+\mu^-$
 - $e^+e^- \rightarrow \tau^+\tau^-$
 - $e^+e^- \rightarrow \mu^+\mu^- \tau^+\tau^-$
 - $e^+e^- \rightarrow \mu^+\mu^- \mu^+\mu^-$
 - $e^+e^- \rightarrow e^+e^- \mu^+\mu^-$
- #0, no cuts
 #1, 2 tracks & $\sum Q=0$
 #2, CL_{vtx}
 #3, Energy conservation
 #4, E_{sum}
 #5, p_t
 #6a, Mass conservation
 #6b, Open angle between tracks
 #7, Recoiling muon pair polar angle
 #8, $\cos(\phi_{\text{FS}} - \phi_\gamma)$
 #9, $\theta_{\text{missing } Z'}$