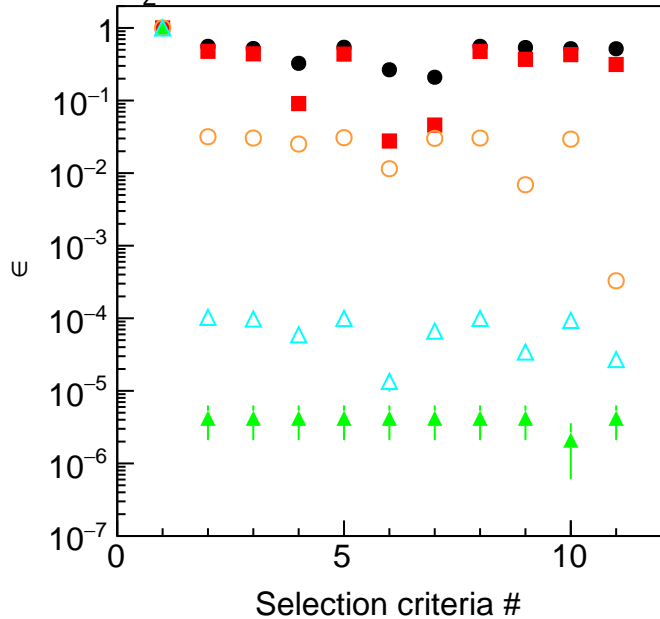


$m_{Z'} = 0.050 \text{ GeV}/c^2, \sigma = 185.49 \text{ MeV}/c^2$



—●— $e^+e^- \rightarrow \mu^+\mu^-Z', Z' \rightarrow \nu_l\bar{\nu}_l \text{ or } \chi\bar{\chi}$

—■— $e^+e^- \rightarrow \mu^+\mu^-$

—▲— $e^+e^- \rightarrow \tau^+\tau^-$

—○— $e^+e^- \rightarrow \mu^+\mu^-\mu^+\mu^-$

—△— $e^+e^- \rightarrow e^+e^-\mu^+\mu^-$

#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, $\cos(\phi_{FS} - \phi_\gamma)$

#9, $\theta_{missing Z'}$