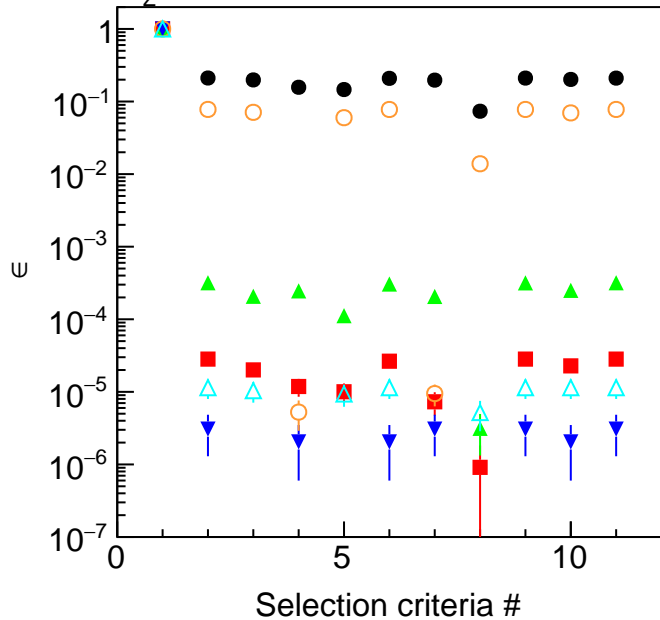


$$m_{Z'} = 3.554 \text{ GeV}/c^2, \sigma = 388.37 \text{ MeV}/c^2$$



- $e^+e^- \rightarrow \mu^+\mu^-Z', Z' \rightarrow \tau^+\tau^-, \tau^\pm \rightarrow l^\pm \nu_l \nu_\tau$
- $e^+e^- \rightarrow \mu^+\mu^-$
- ▲— $e^+e^- \rightarrow \tau^+\tau^-$
- ▼— $e^+e^- \rightarrow \mu^+\mu^-\tau^+\tau^-$
- $e^+e^- \rightarrow \mu^+\mu^-\mu^+\mu^-$
- △— $e^+e^- \rightarrow e^+e^-\mu^+\mu^-$

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

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