

Neutron Missing Mass at 11 GeV

$\delta E_e = 2.0\%$, $\delta E_g = 5.0\%/\sqrt{E}$
 $\delta \theta_e = 0.6 \text{ mrad}$, $\delta \phi_e = 5.0 \text{ mrad}$
 $\delta X_g = 1.0 \text{ cm}$, $\delta Y_g = 1.0 \text{ cm}$
 $\delta VZ = 0.5 \text{ cm}$

Rate (Hz)

1.0

0.5

0.0

n (DVCS)

$n + \gamma(\pi^0 \text{ decay, no detector resol.})$

$n + \gamma(\pi^0 \text{ decay})$

$n + \gamma(\pi^0 \text{ decay after removing } \gamma\gamma \text{ events})$

[NOTE: π^0 events are not weighted by XS)

Hadron Missing Mass (GeV)

1

2

