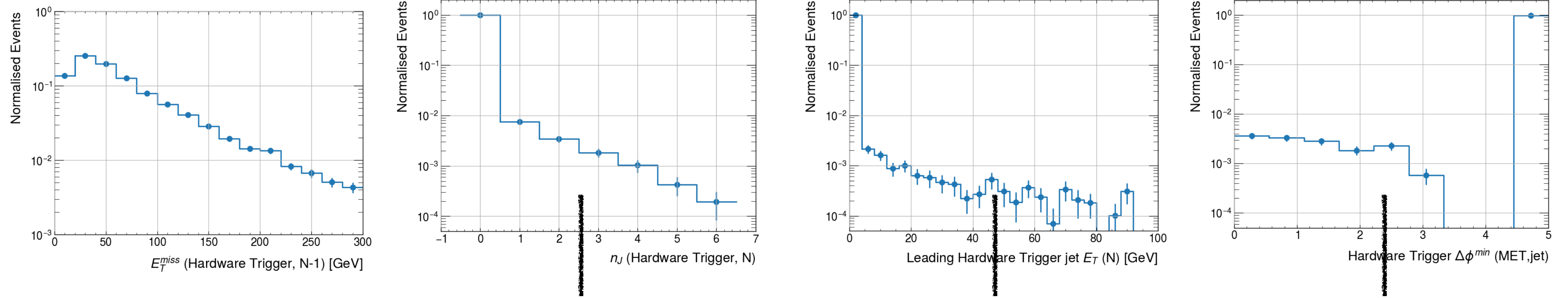
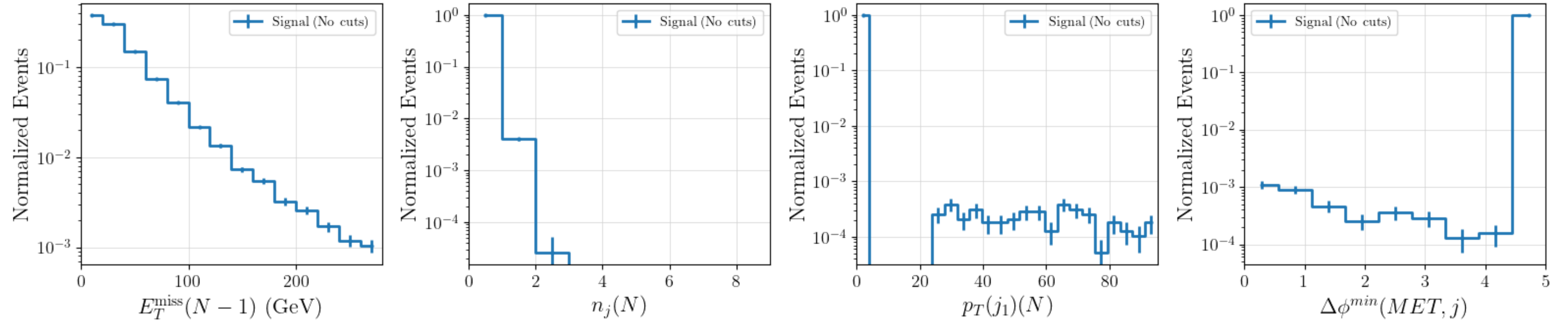


$$M_S = 500.0 \text{ GeV}, M_1 = 244.0 \text{ GeV}, M_0 = 154.0 \text{ GeV}, c\tau_0 = 2.97 \text{ m}$$



At the Hardware Level, there is no  $p_T > 20 \text{ GeV}$  cut, but only the noise cuts. For better comparison, I applied an ET cut of 20 GeV in the plots below:

