

# CMS Simulation (LHE) 13 TeV

Fraction of events / 1 GeV

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$   
 $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$   
 $m_{\gamma_D} = 8.500 \text{ GeV}, c\tau_{\gamma_D} = 0.00 \text{ mm}$

0.22  
0.20  
0.18  
0.16  
0.14  
0.12  
0.10  
0.08  
0.06  
0.04  
0.02  
0

$\text{MET} = \sum_{n_D} \vec{p}_T [\text{GeV}]$

