

# CMS Simulation (LHE) ctauExp\_01\_8 TeV

Fraction of events / 1 GeV

1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$   
 $m_h = 125\_m\text{GammaD\_02 GeV}, m_{n_1} = 10 \text{ GeV}, m_{\gamma_D} = 0.250\_ctau\text{Exp.} 250\_ctau\text{Exp\_01\_8 GeV}, c$

$10^2$

Mass of h [GeV]

