

Fraction of events / 1 Ge\

0.06

0.05

0.04

0.03

0.02

0.01

20

40

60

80

100

of n [GeV]

120























 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ 

 $m_{\gamma_D}$  = 20.0 GeV,  $c\tau_{\gamma_D}$  = 0.00 mm

 $-1st n_D (leading p_T)$ 

2nd n<sub>D</sub>

 $m_h = 125 \text{ GeV}, m_{n_s} = 50 \text{ GeV}, m_{n_h} = 1 \text{ GeV}$ 







CMS Simulation (LHE) 14 TeV



