

Events

**CMS**

*Simulation Preliminary*

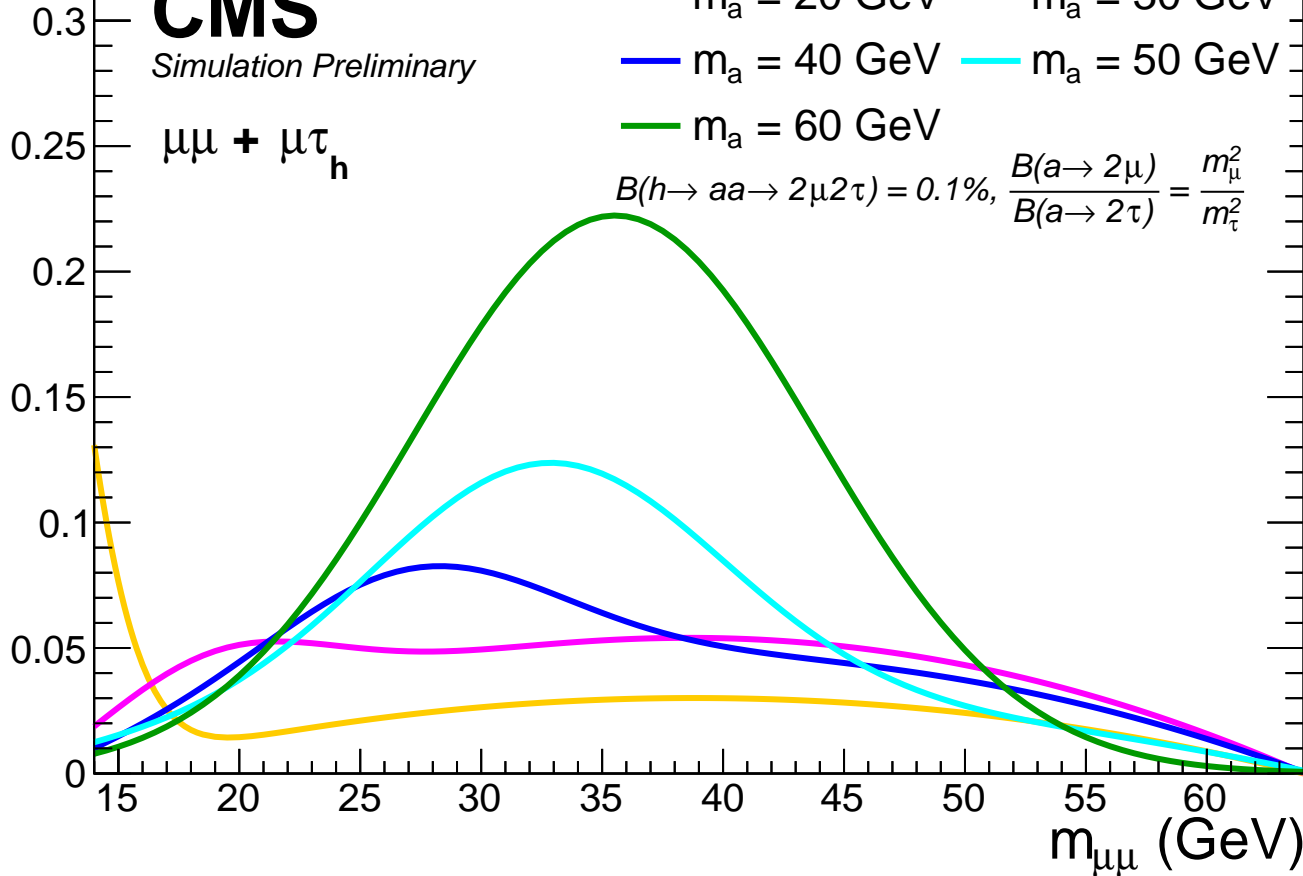
$\mu\mu + \mu\tau_h$

$m_a = 20$  GeV  $m_a = 30$  GeV

$m_a = 40$  GeV  $m_a = 50$  GeV

$m_a = 60$  GeV

$$B(h \rightarrow aa \rightarrow 2\mu 2\tau) = 0.1\%, \quad \frac{B(a \rightarrow 2\mu)}{B(a \rightarrow 2\tau)} = \frac{m_\mu^2}{m_\tau^2}$$



$m_{\mu\mu}$  (GeV)