

Split rate

0.2

0.18

0.16

0.14

0.12

0.1

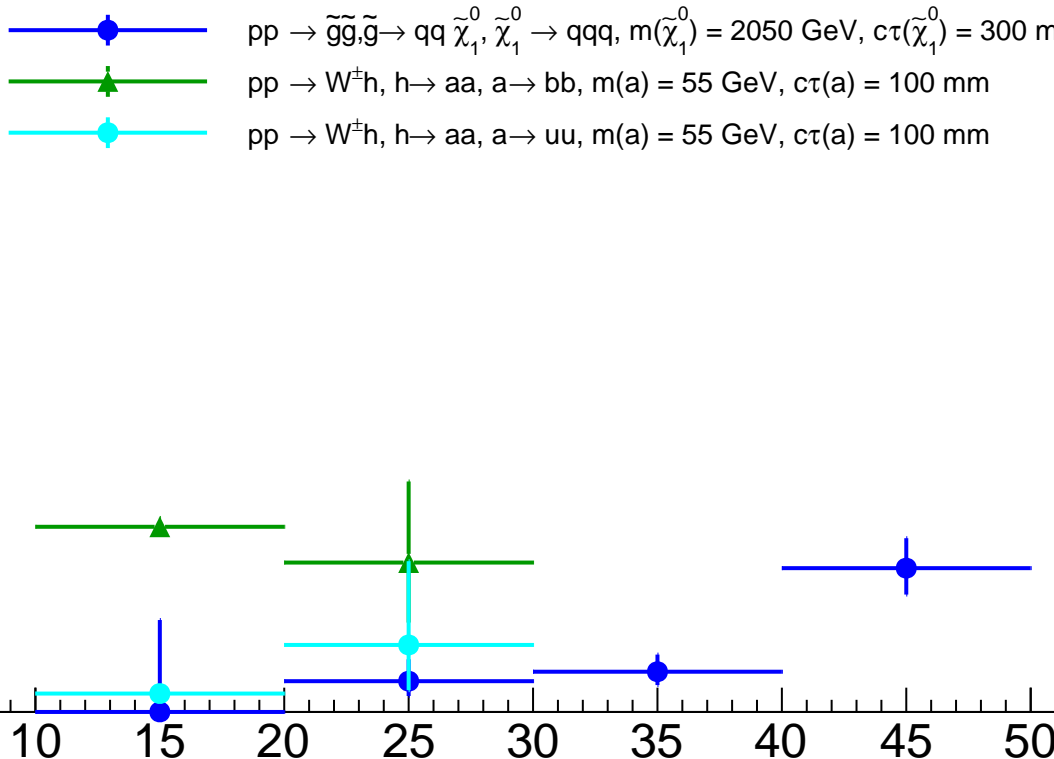
0.08

0.06

0.04

0.02

0

ATLAS Simulation Preliminary $\sqrt{s}=13\text{ TeV}$ $pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow qq, \tilde{\chi}_1^0, \tilde{\chi}_1^0 \rightarrow qq, m(\tilde{\chi}_1^0) = 2050\text{ GeV}, c\tau(\tilde{\chi}_1^0) = 300\text{ mm}$ $pp \rightarrow W^\pm h, h \rightarrow aa, a \rightarrow bb, m(a) = 55\text{ GeV}, c\tau(a) = 100\text{ mm}$ $pp \rightarrow W^\pm h, h \rightarrow aa, a \rightarrow uu, m(a) = 55\text{ GeV}, c\tau(a) = 100\text{ mm}$ 

Number of reconstructible truth particles