pT$_{\text{Leading H', Leading}}$

300 point mass varying widths
- narrow Width
- 1% Width
- 2% Width
- 3% Width
- 5% Width
- 10% Width
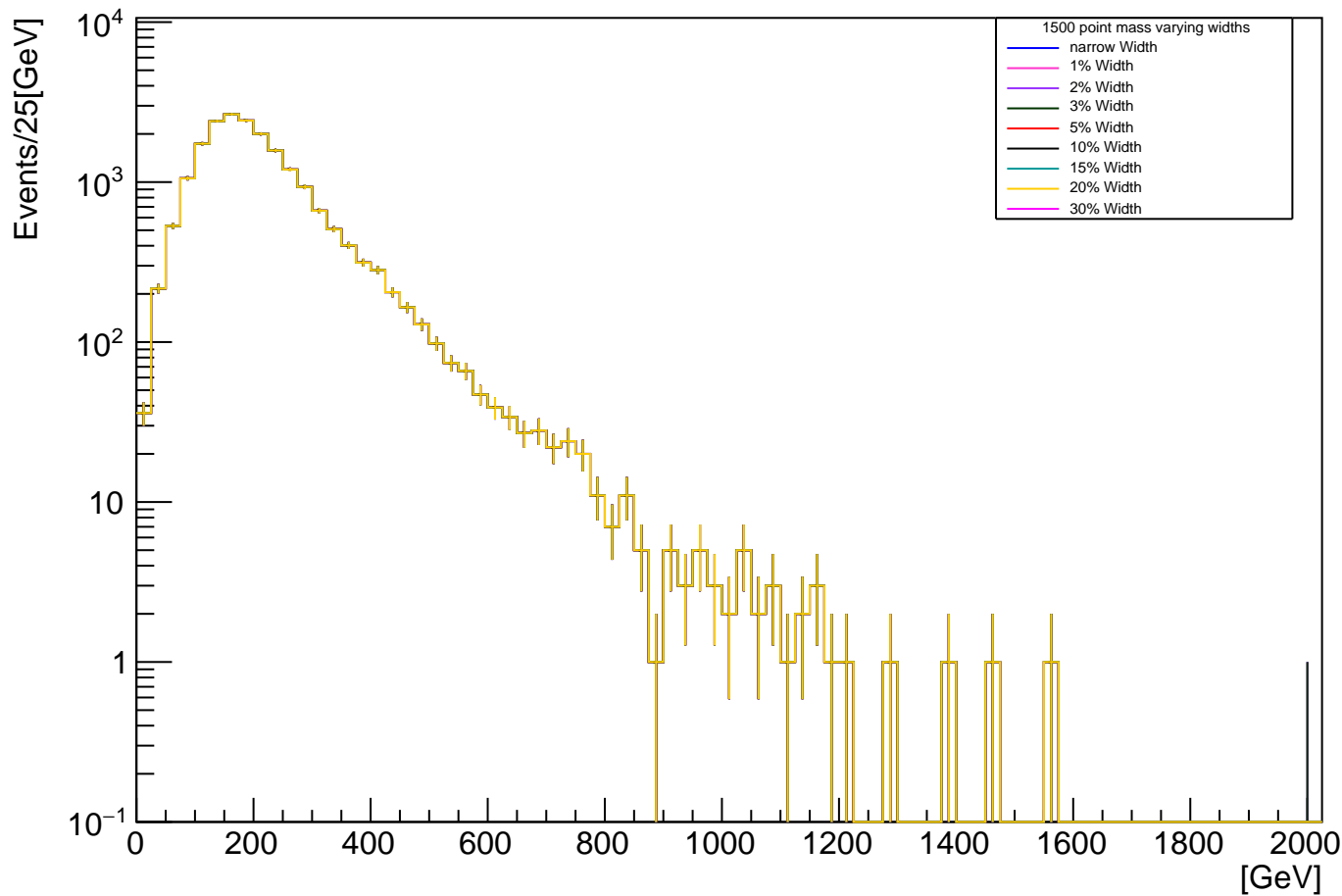- 15% Width
- 20% Width
- 30% Width

Events/25[GeV]

[GeV]

pT$_H$, Leading

Legend:
- 500 point mass varying widths
- narrow Width
- 1% Width
- 2% Width
- 3% Width
- 5% Width
- 10% Width
- 15% Width
- 20% Width
- 30% Width

pT$_H$, Leading

pT$_{H'}$ Leading
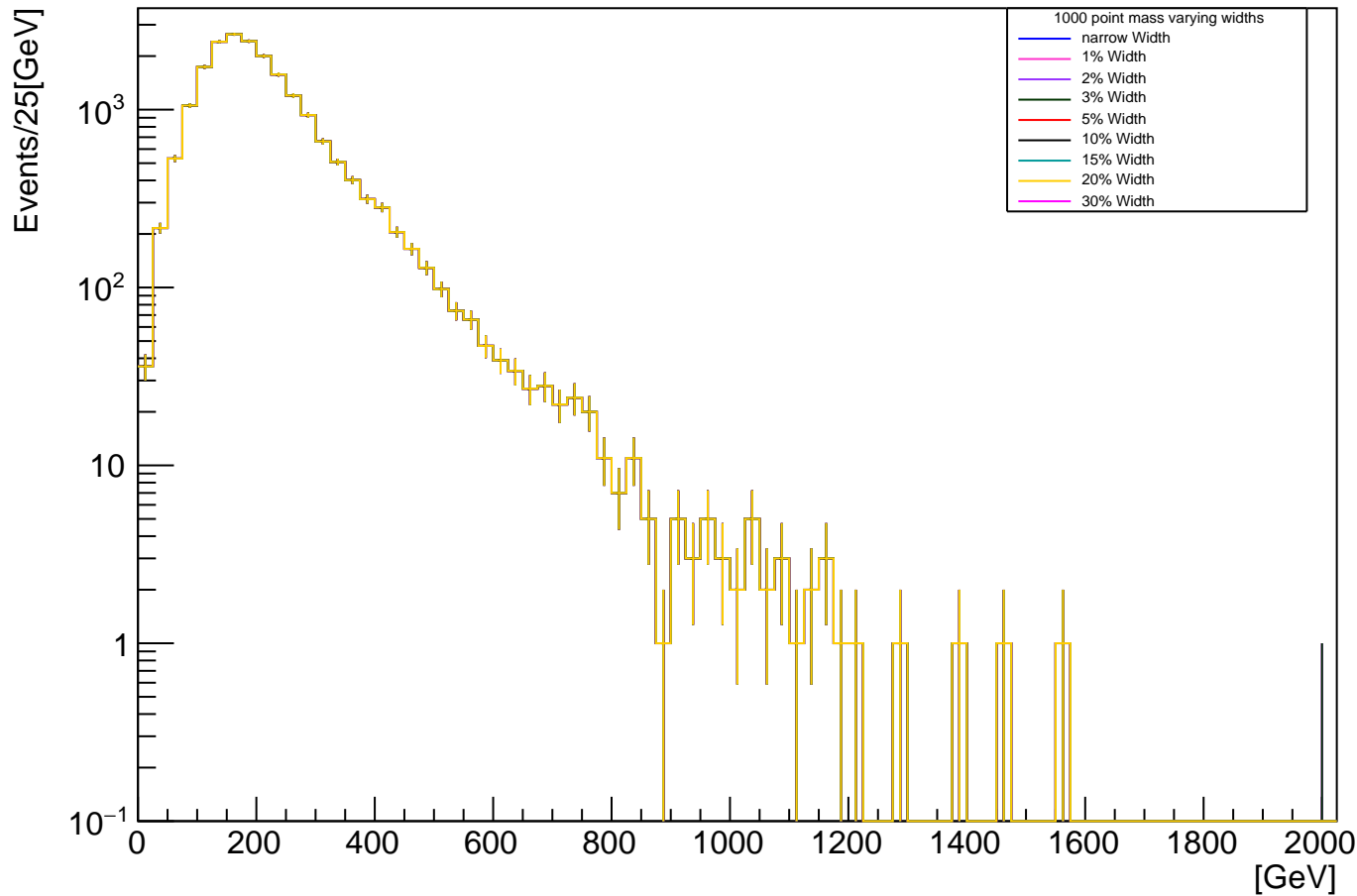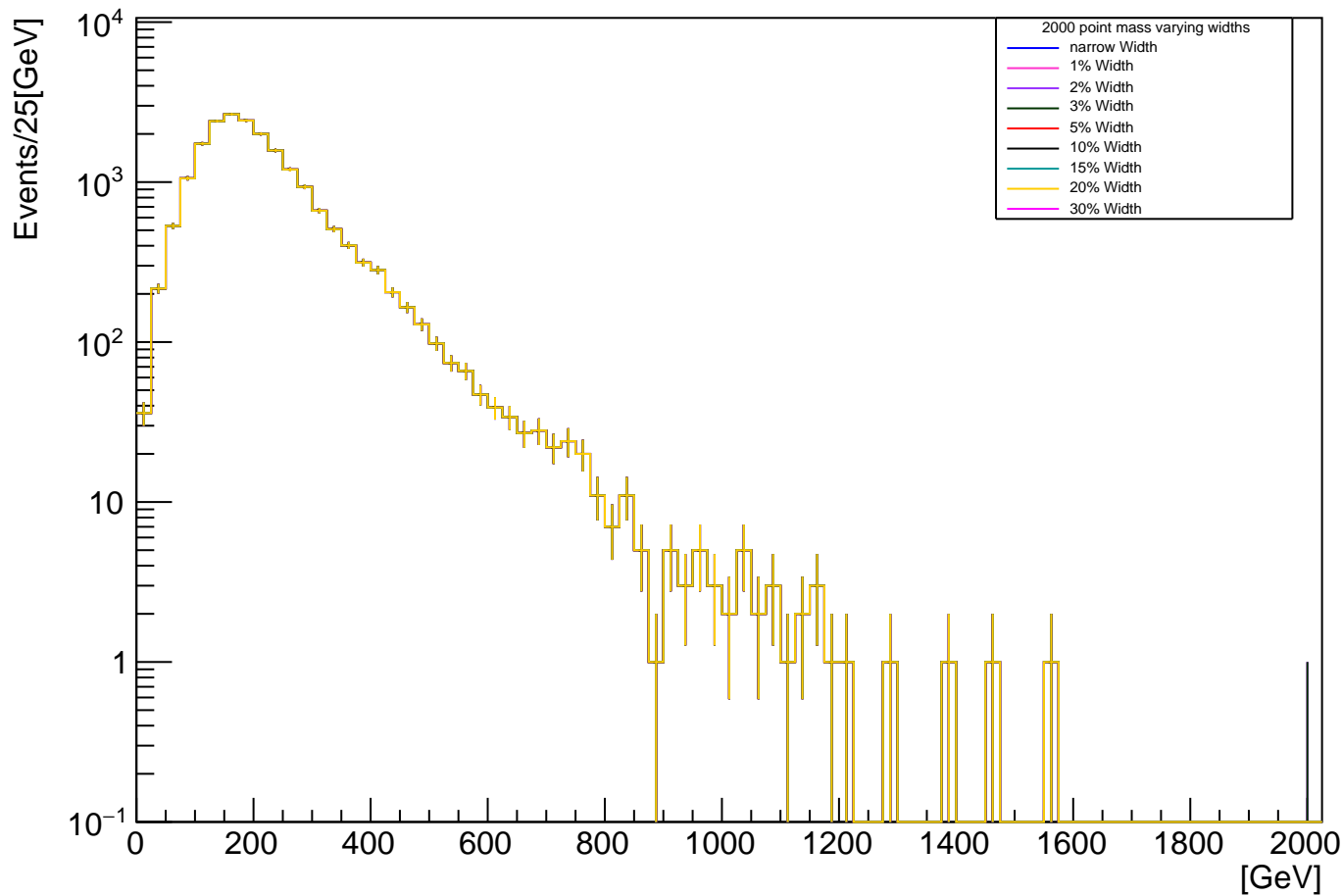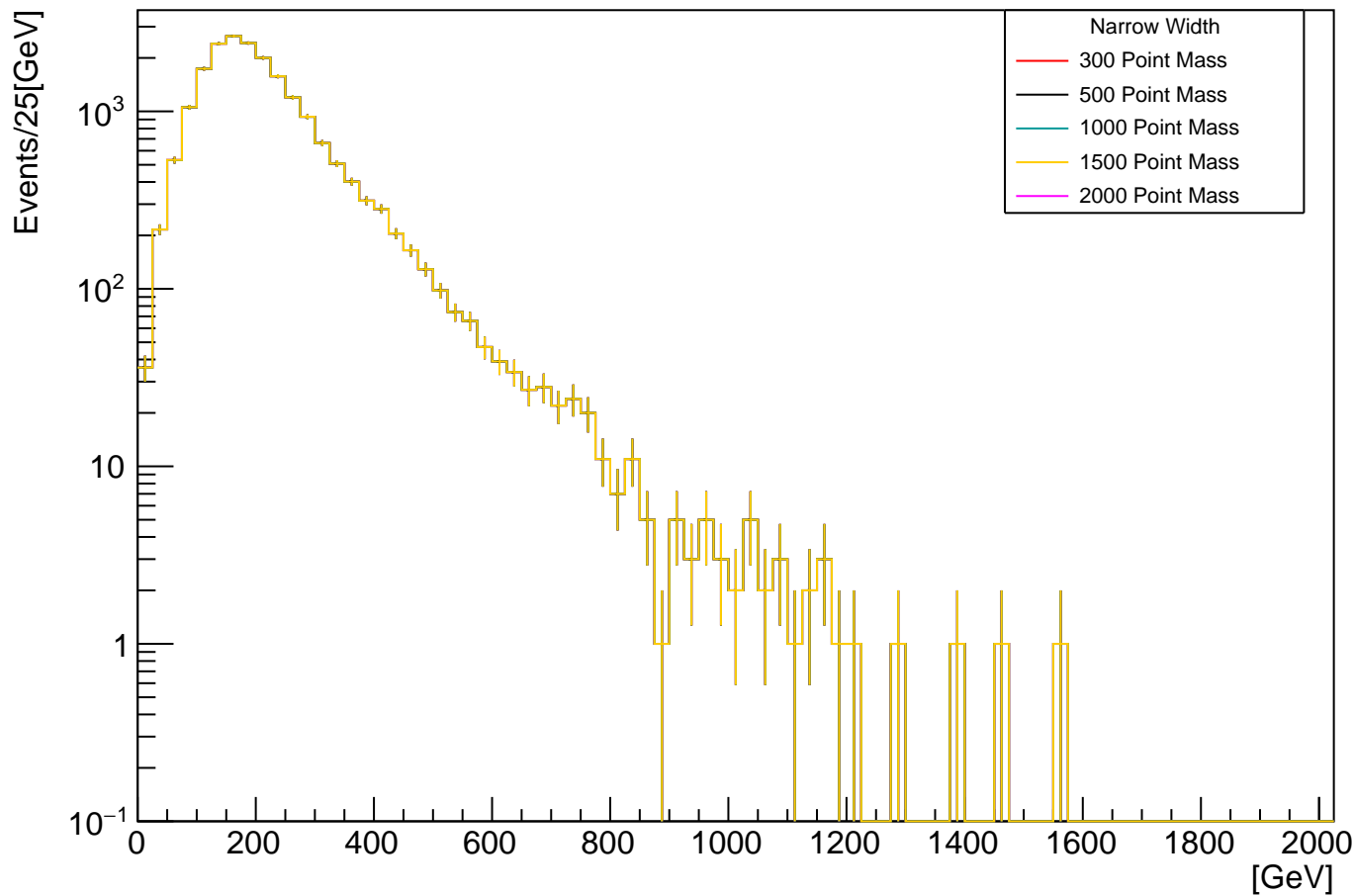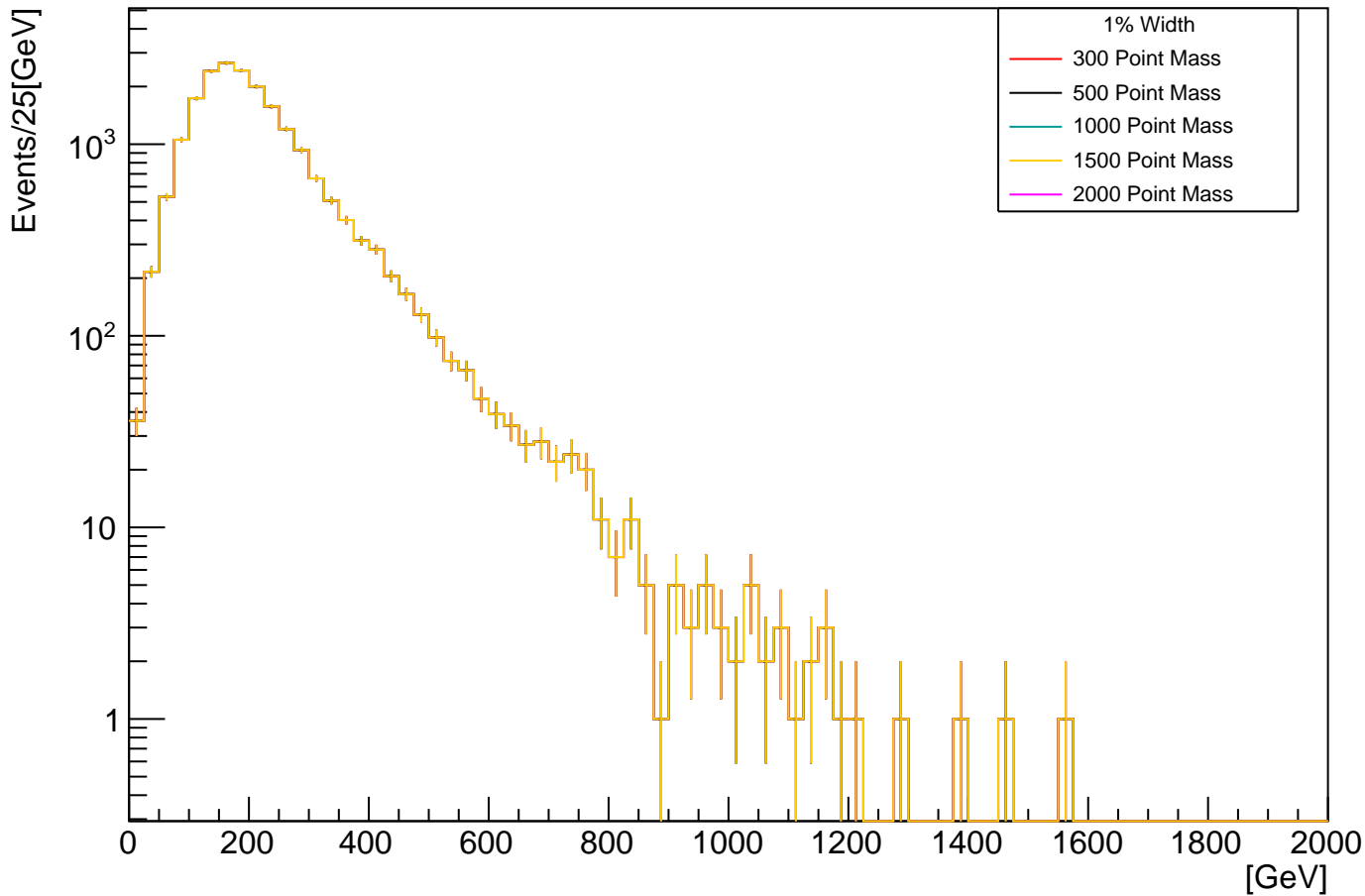
Legend:
- 1500 point mass varying widths
- narrow Width
- 1% Width
- 2% Width
- 3% Width
- 5% Width
- 10% Width
- 15% Width
- 20% Width
- 30% Width

Y-axis: Events/25[GeV]

X-axis: [GeV]

pT$_H$, Leading

$pT_{Leading\ H'}$, Leading

Narrow Width
— 300 Point Mass
— 500 Point Mass
— 1000 Point Mass
— 1500 Point Mass
— 2000 Point Mass
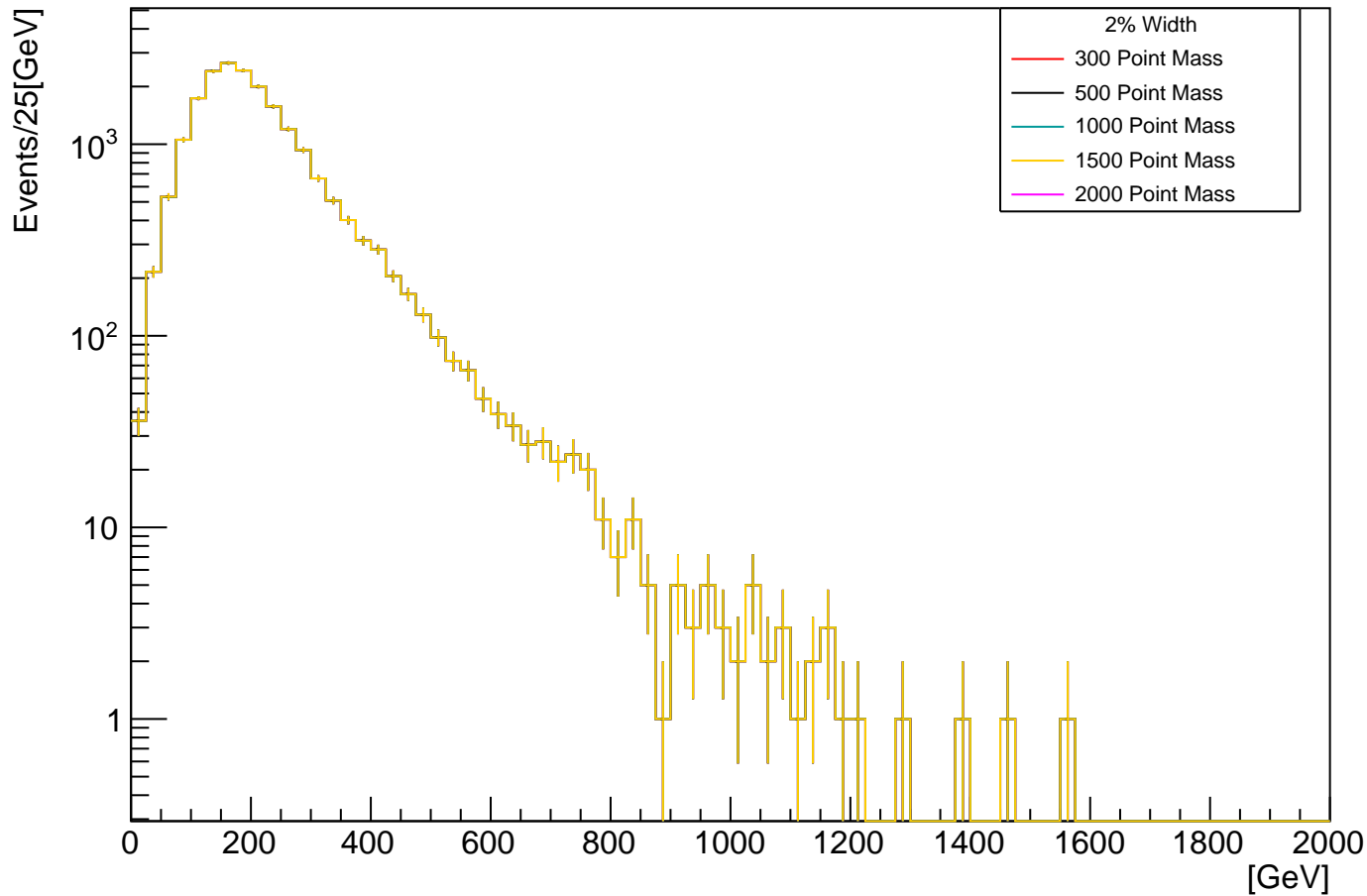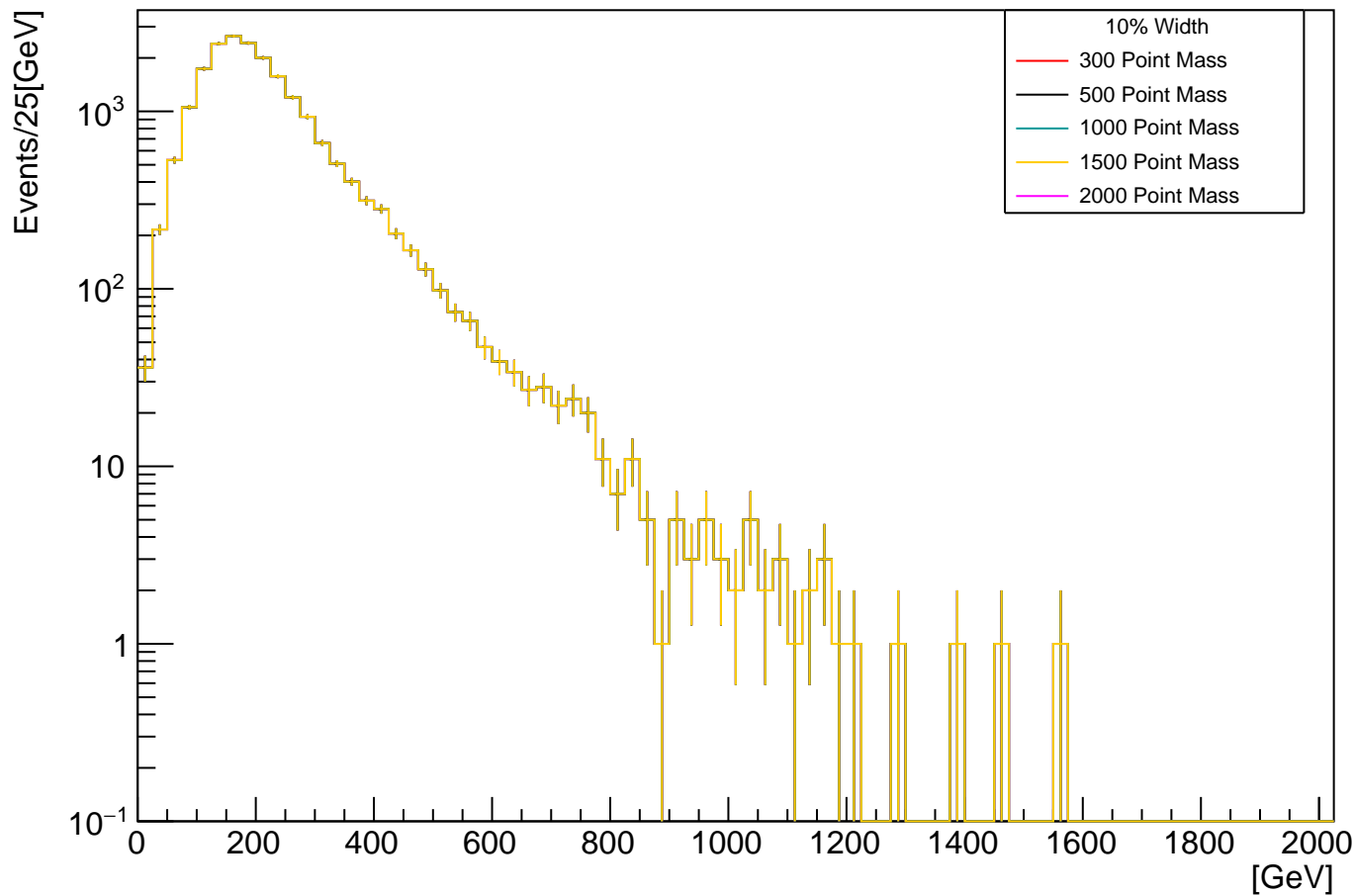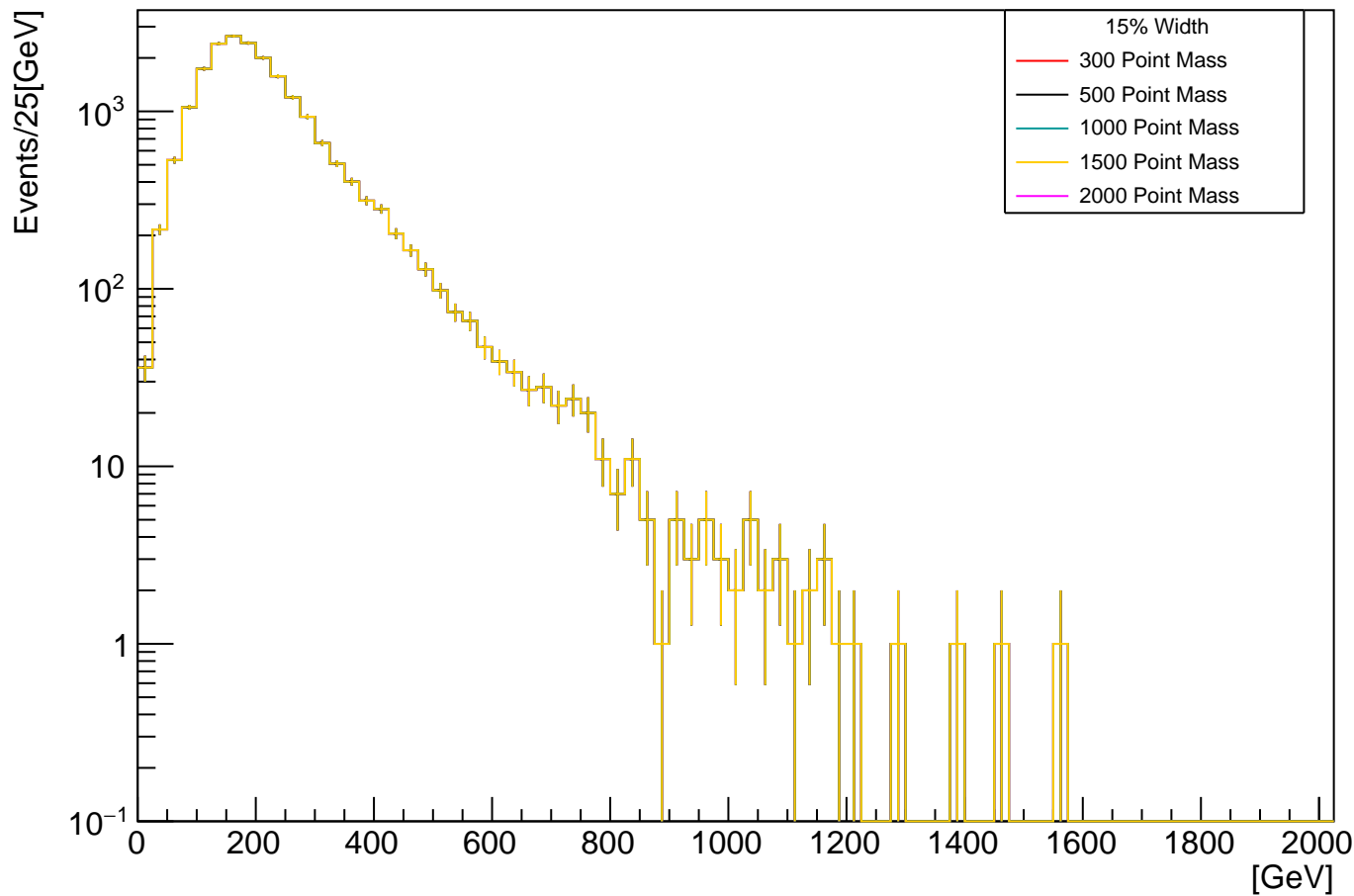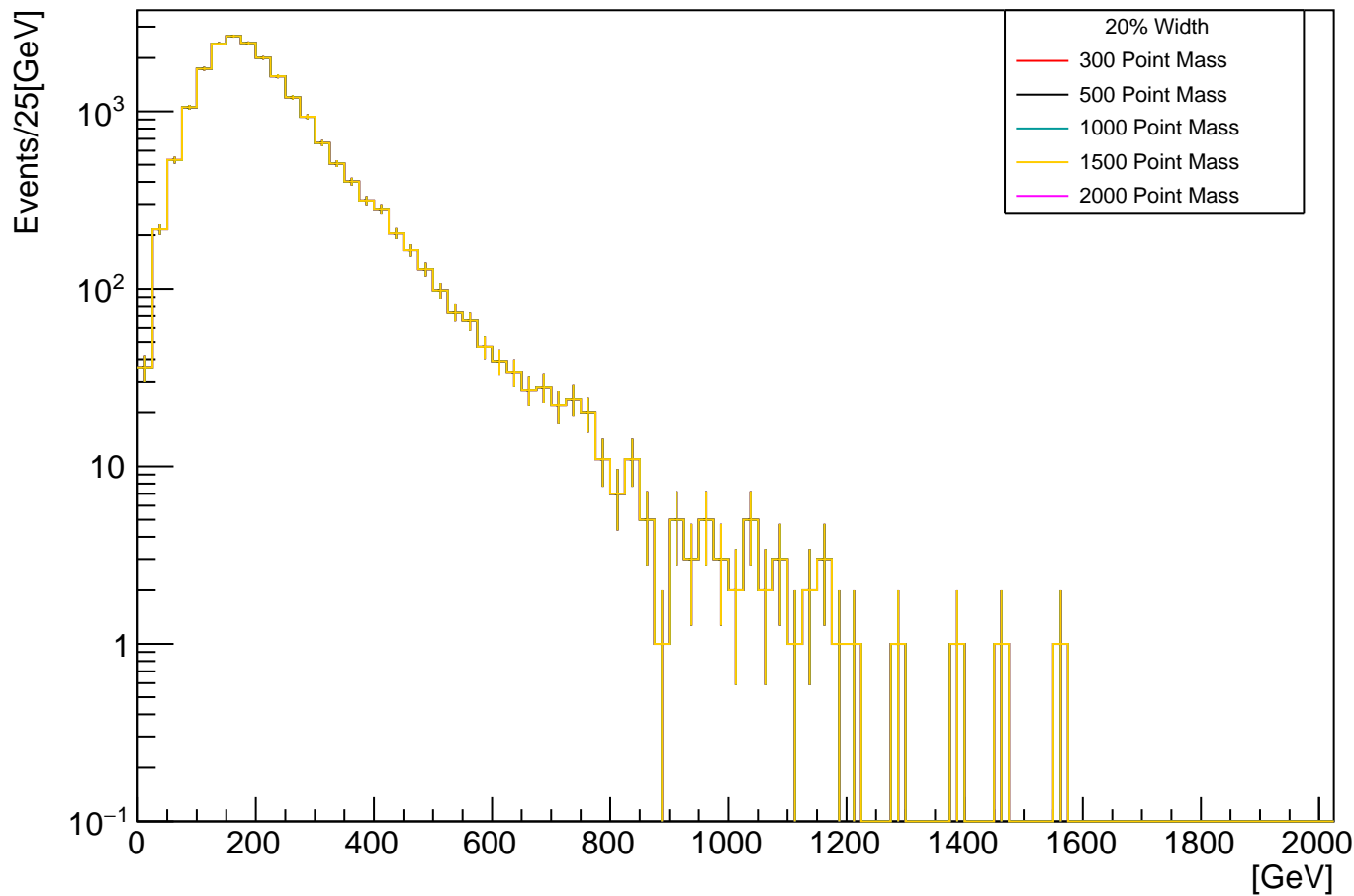
$pT_{\text{Leading H'}}$, Leading

pT$_{\text{Leading H'}}$, Leading

pT$_{\text{Leading H}}$, Leading

Events/25[GeV]

[GeV]

3% Width
300 Point Mass
500 Point Mass
1000 Point Mass
1500 Point Mass
2000 Point Mass

$pT_{Leading\,H'}$ Leading

5% Width
- 300 Point Mass
- 500 Point Mass
- 1000 Point Mass
- 1500 Point Mass
- 2000 Point Mass

Events/25[GeV]

[GeV]

pT$_{\text{Leading H'}}$, Leading

pT$_{\text{Leading H'}}$, Leading

pT_{Leading H', Leading}

pT$_{\text{Leading H'}}$, Leading

30% Width

— 300 Point Mass
— 500 Point Mass
— 1000 Point Mass
— 1500 Point Mass
— 2000 Point Mass

Events/25[GeV]

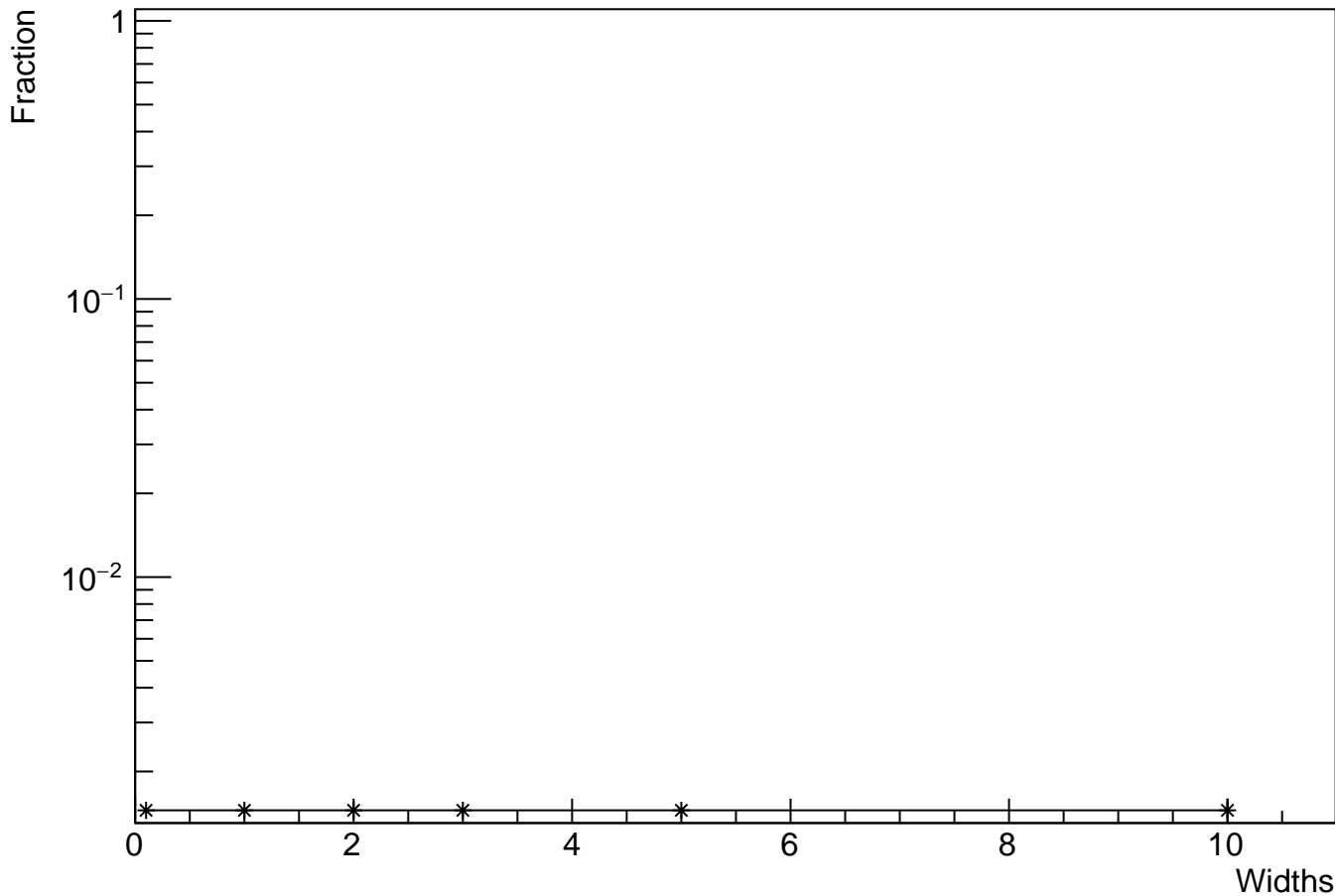[GeV]
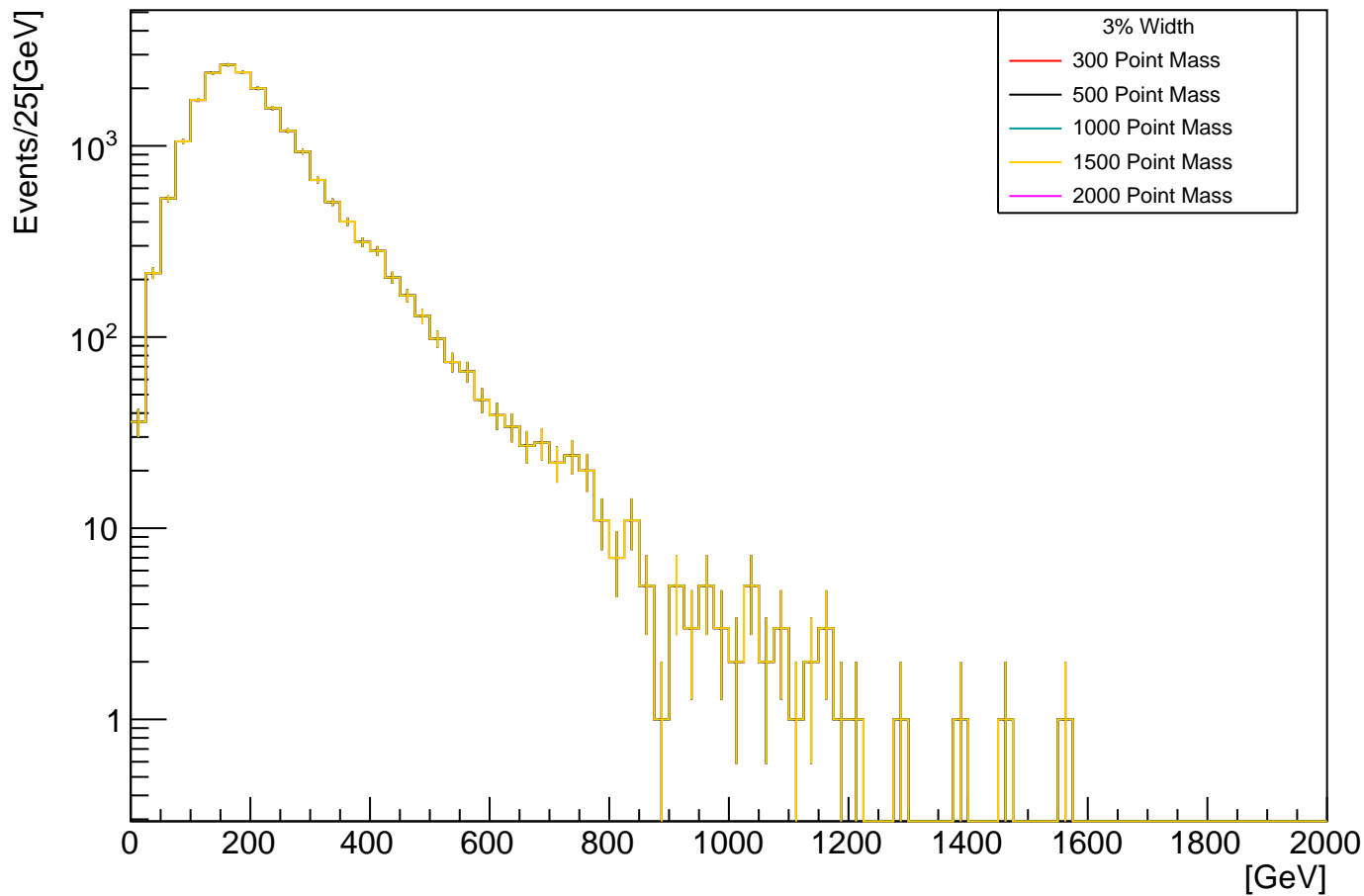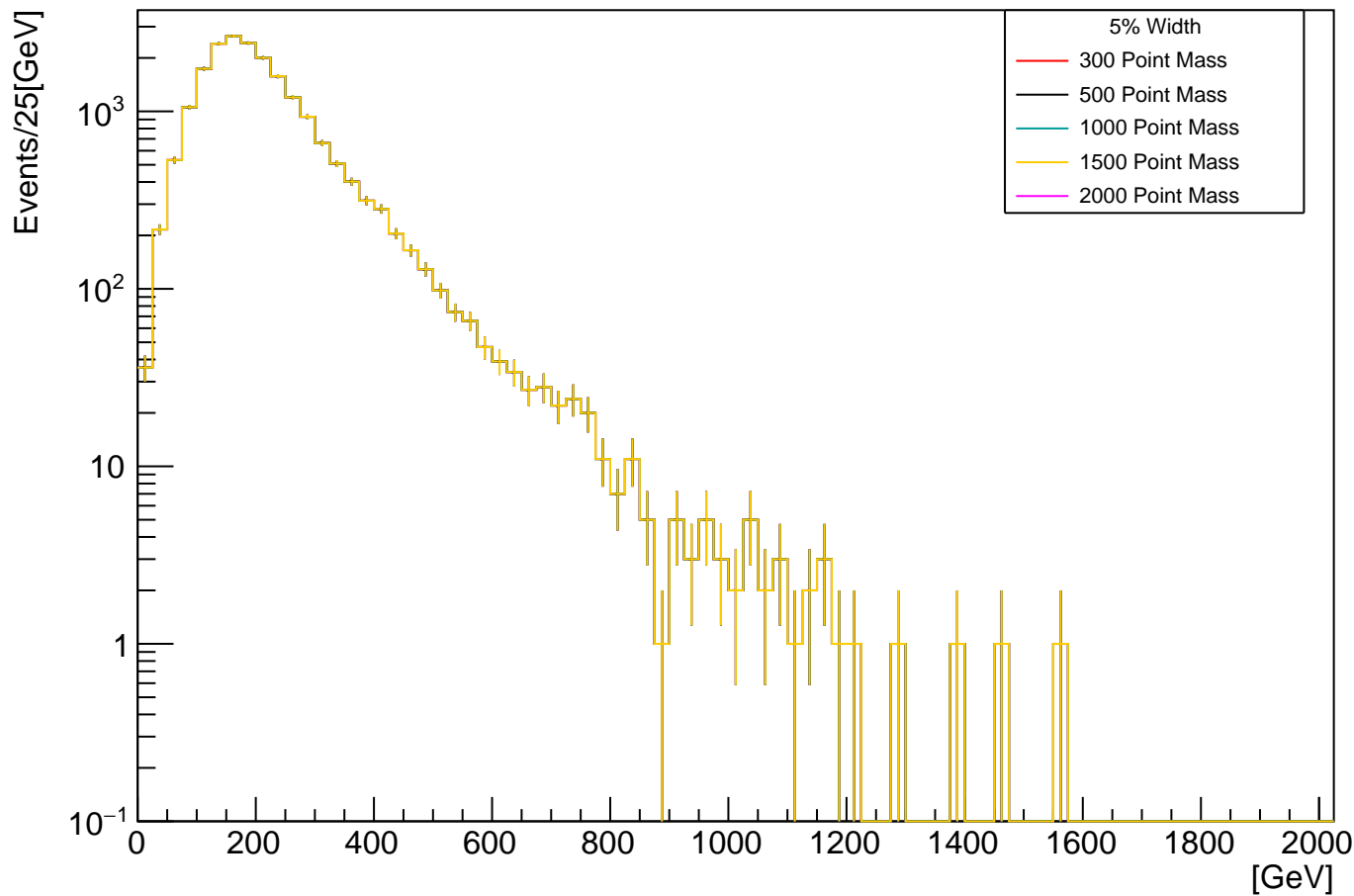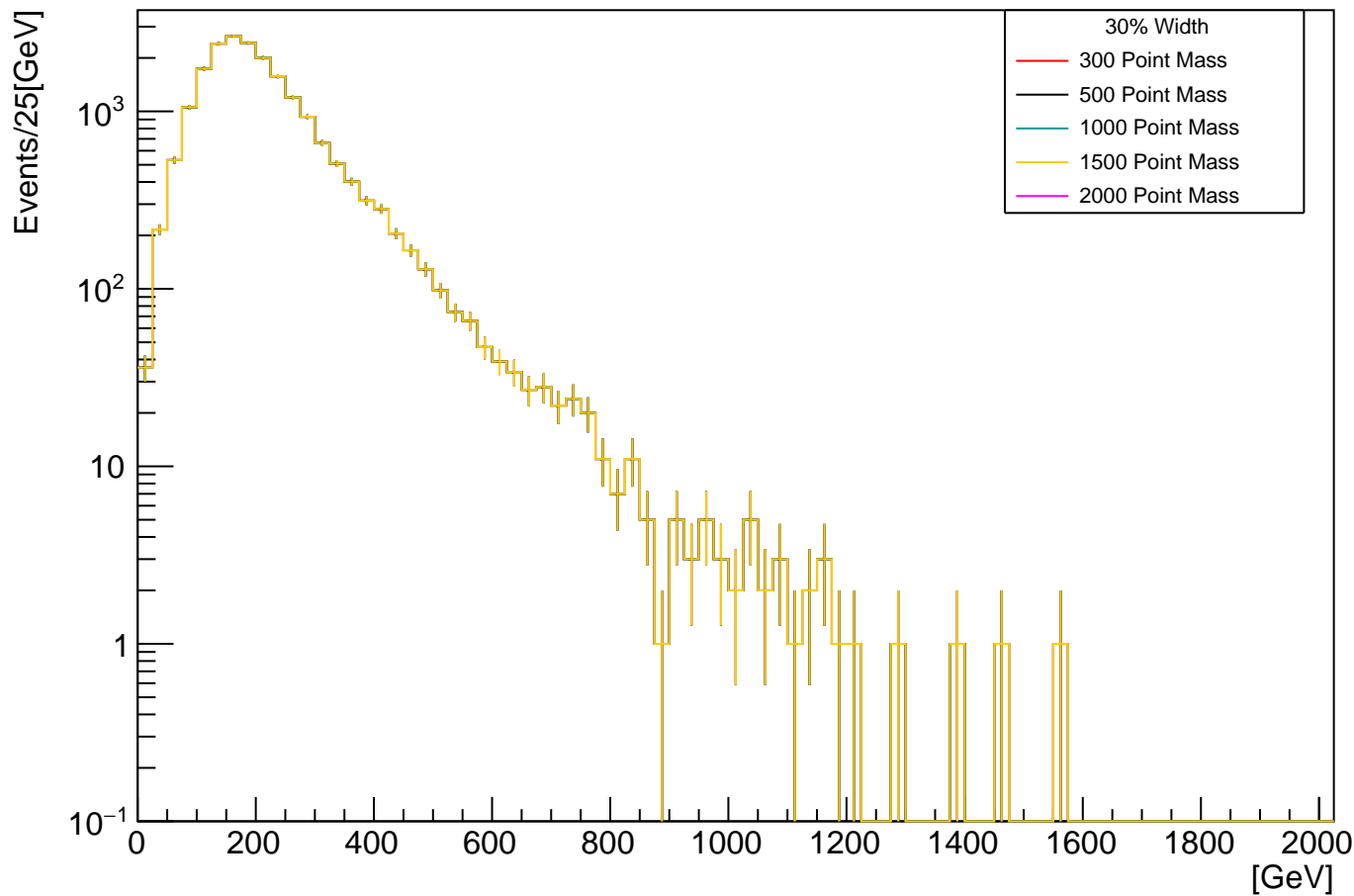
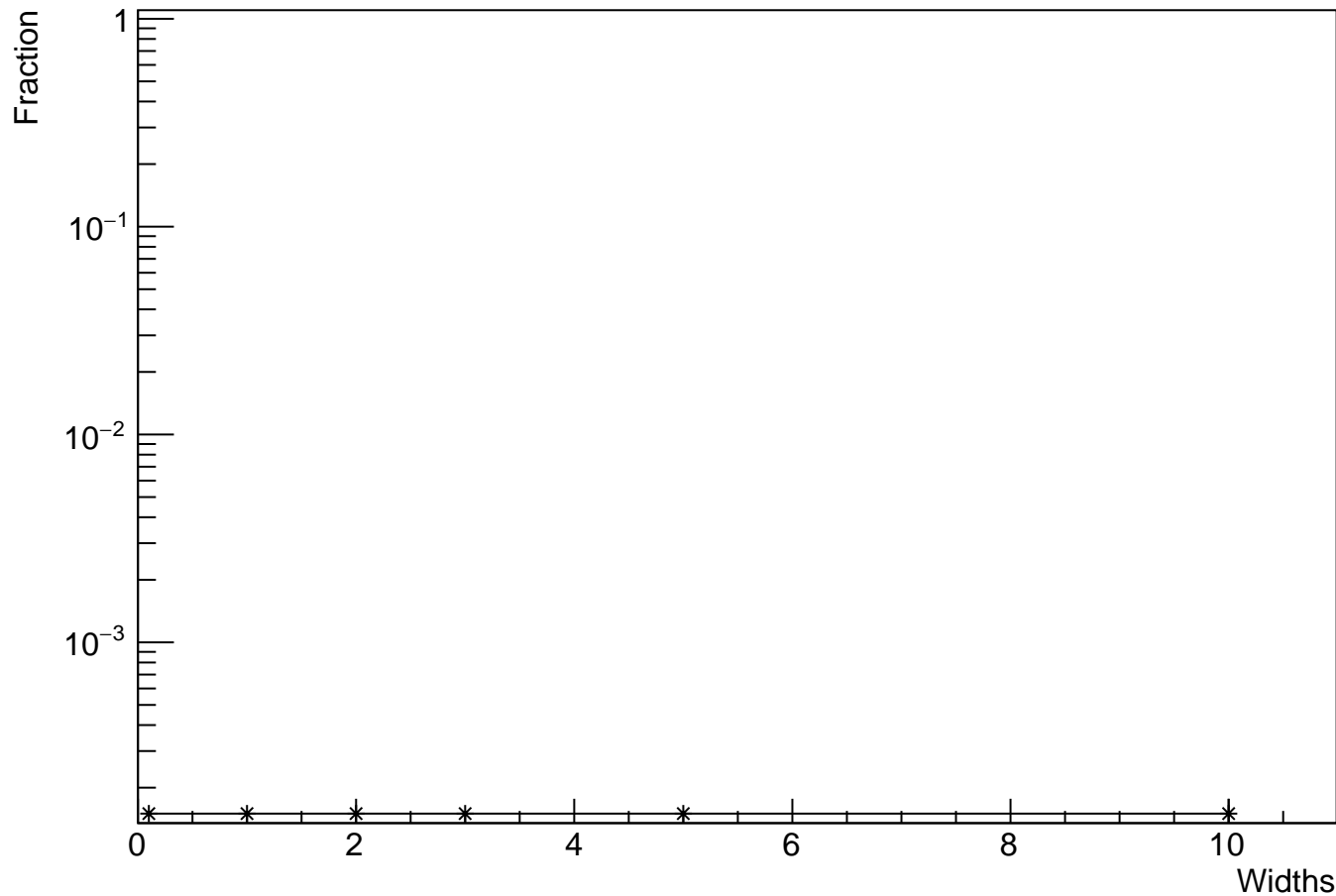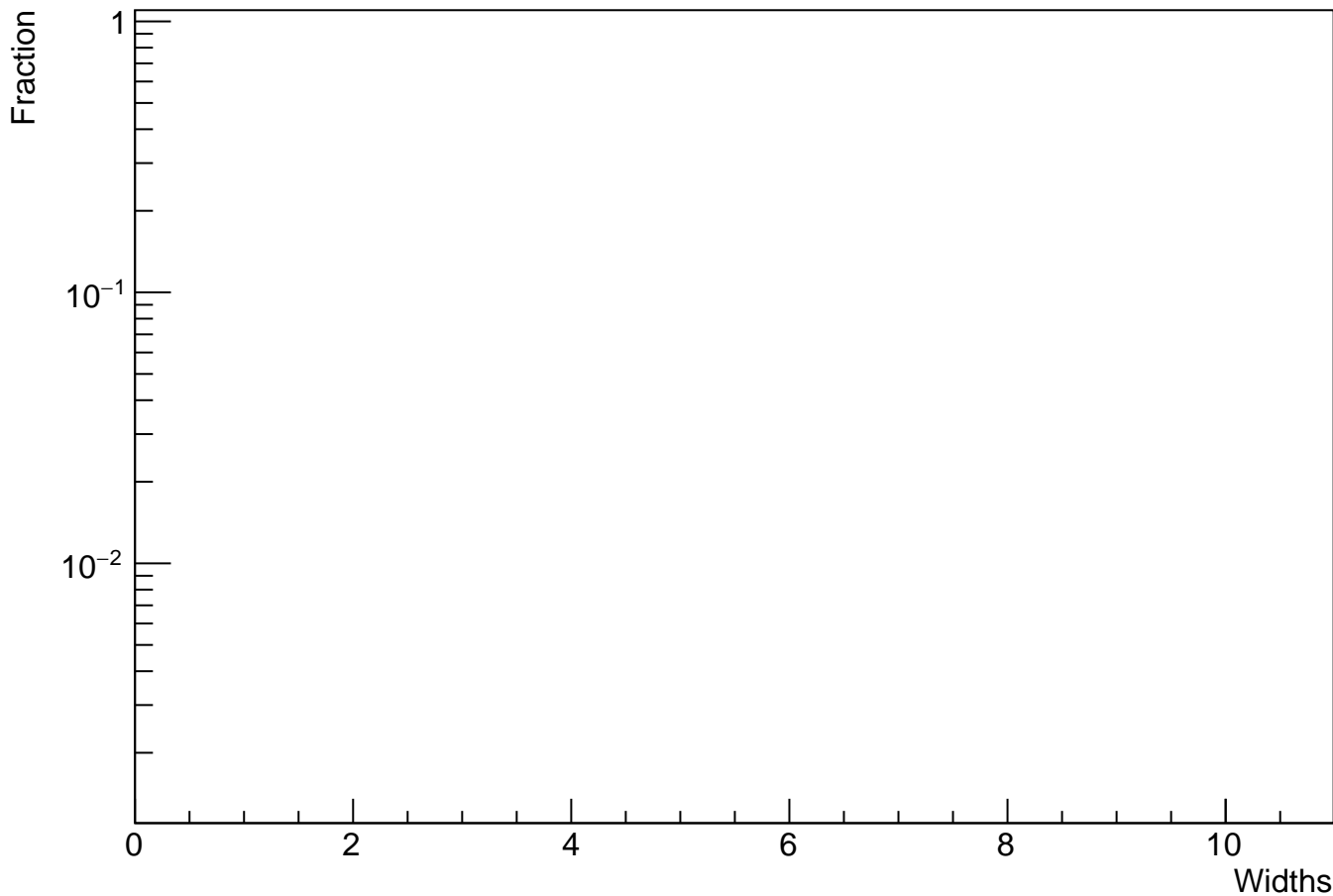# 10 Percent Fraction of m_{300}
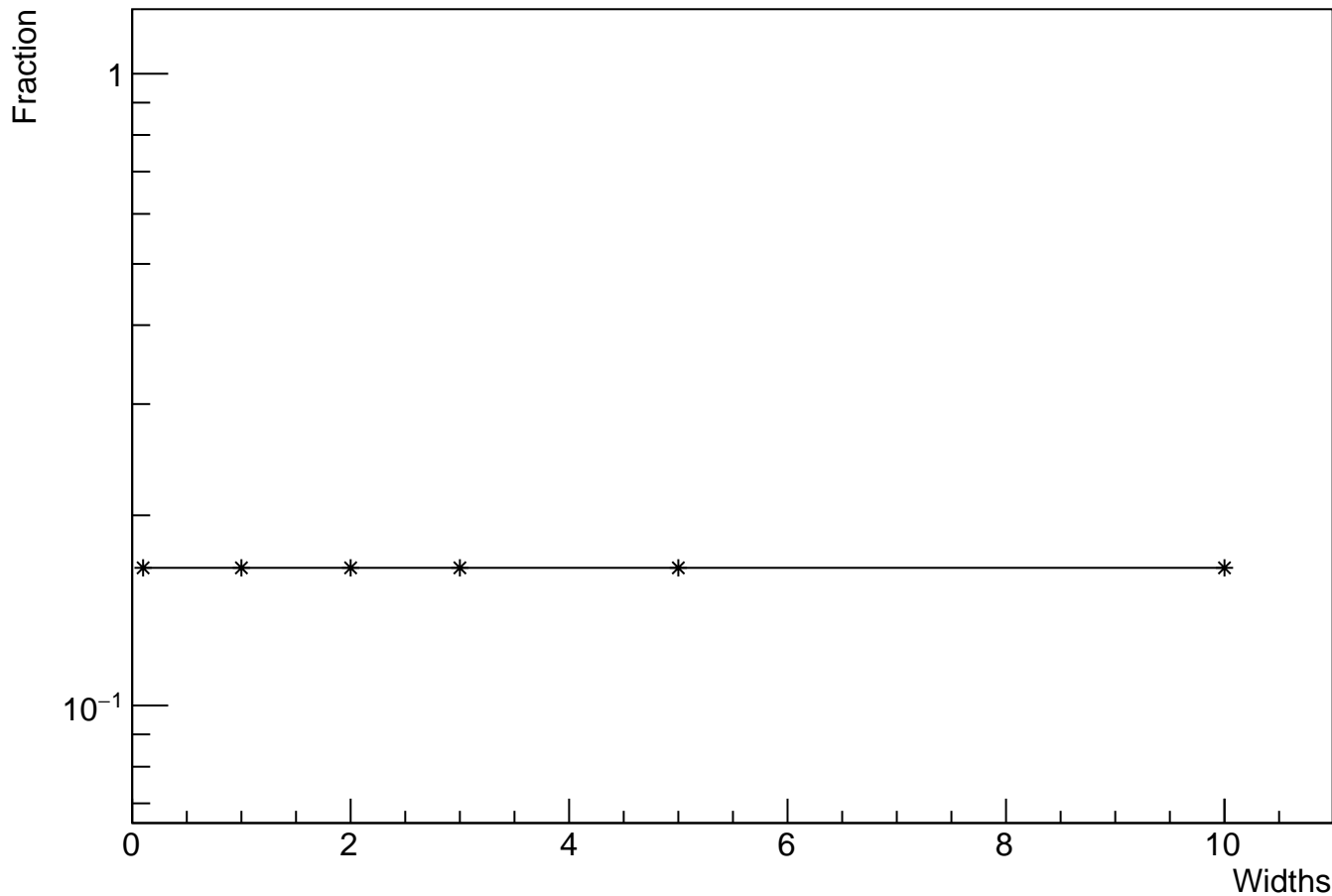
10 Percent Fraction of m$_{500}$
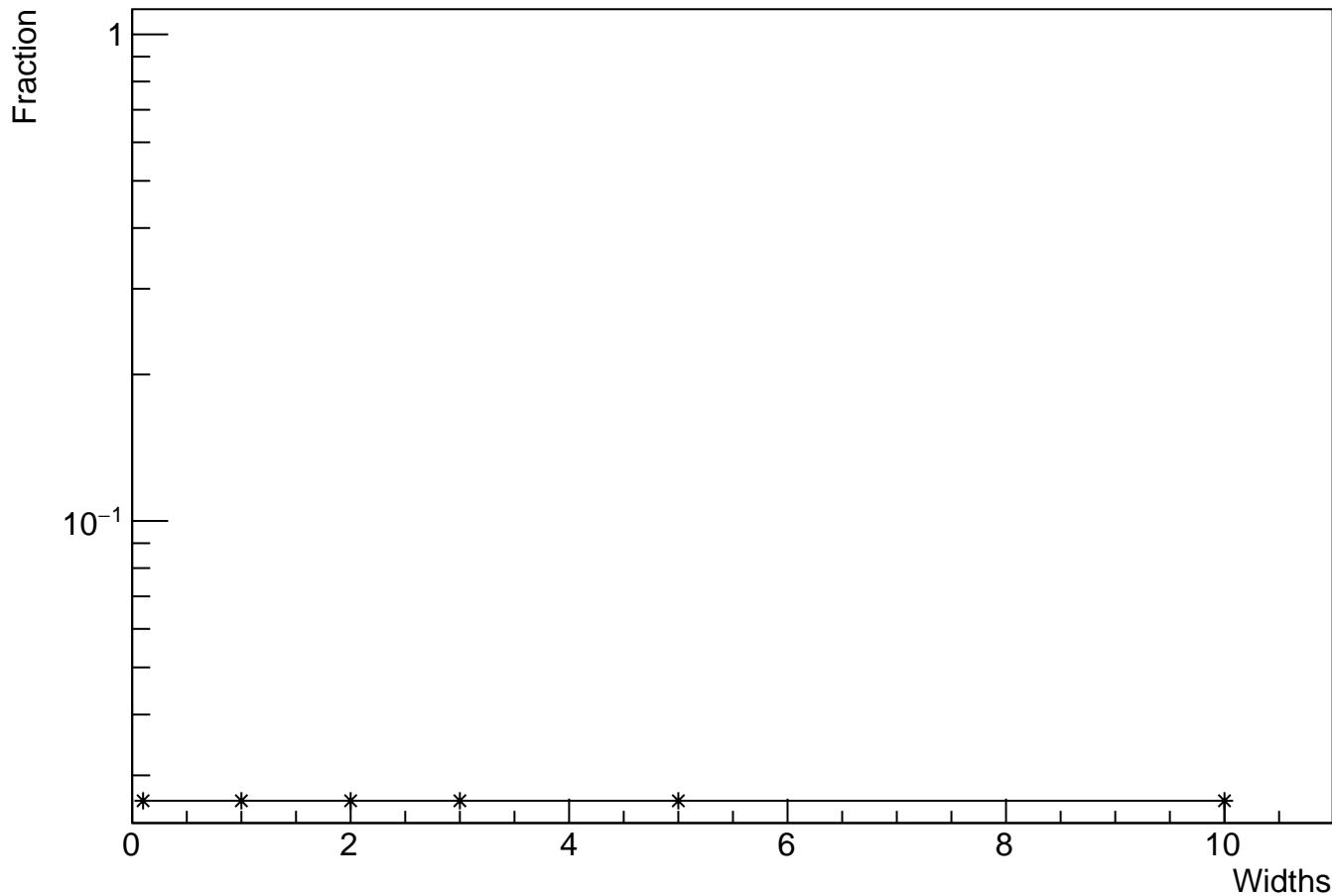
10 Percent Fraction of m_{1000}

10 Percent Fraction of m_{1500}

10 Percent Fraction of m_{2000}

Fraction within 10 Percent Point Mass Vs. Variable Width