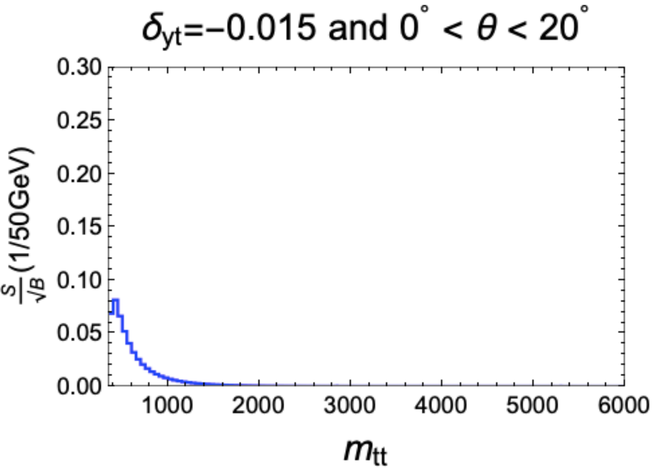
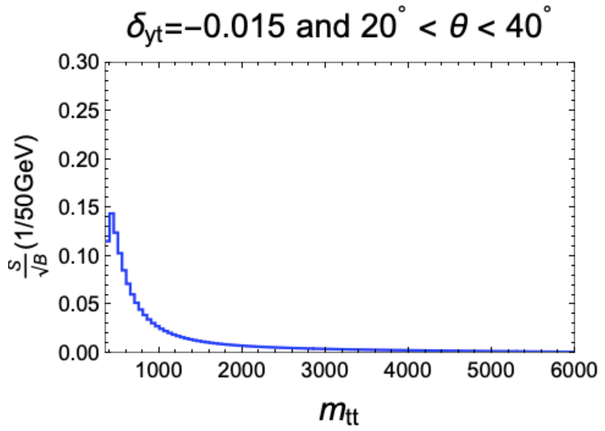
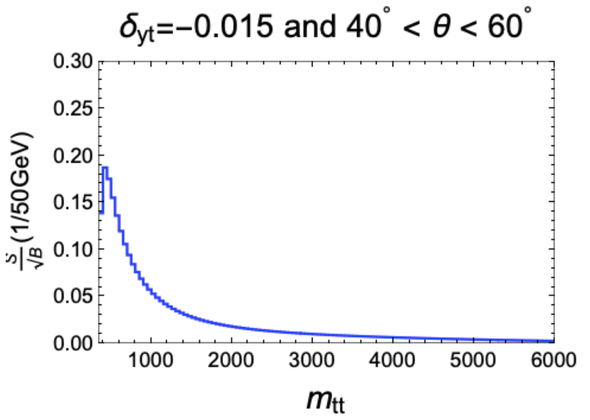
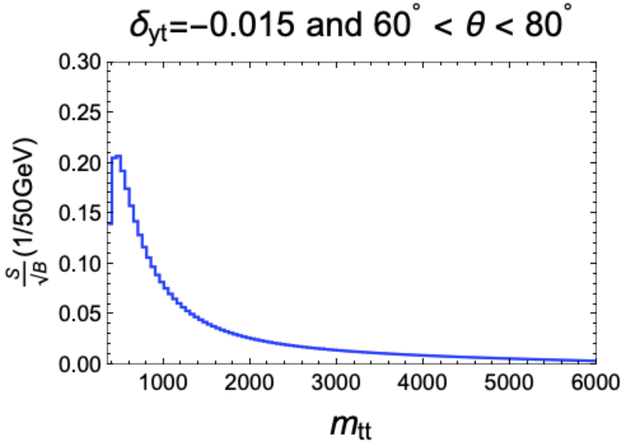
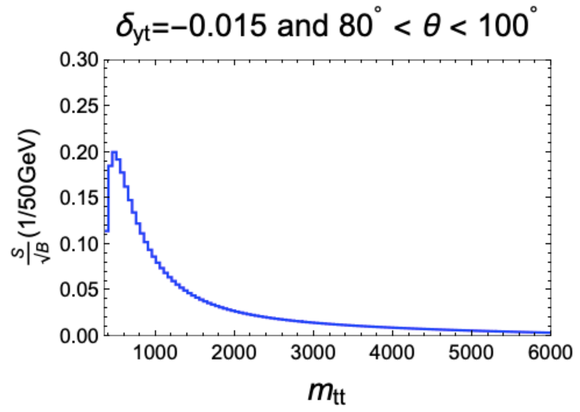
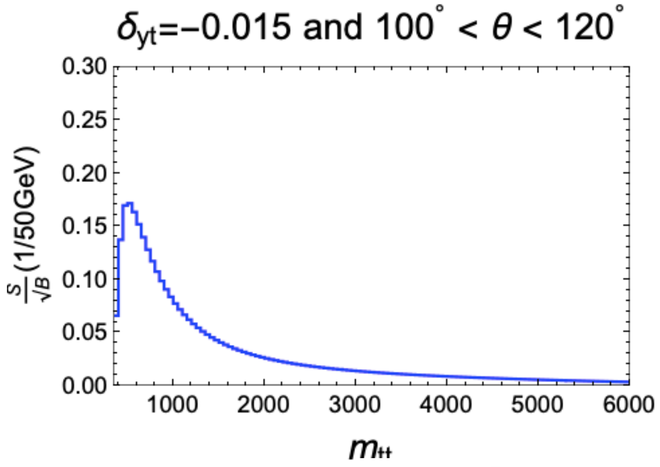

δ_{yt}=−0.015 and 0° < θ < 20°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

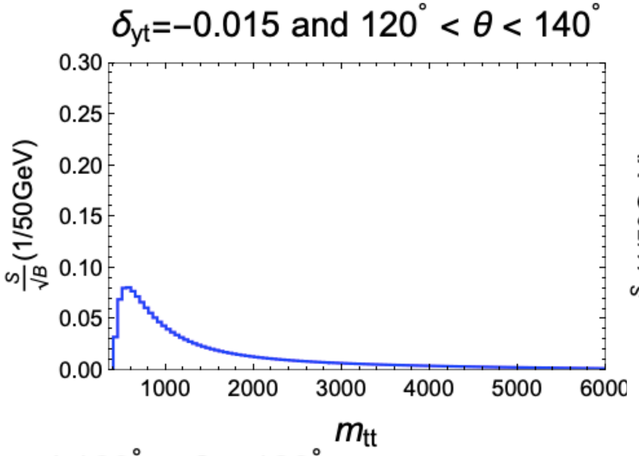

δ_{yt}=−0.015 and 20° < θ < 40°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

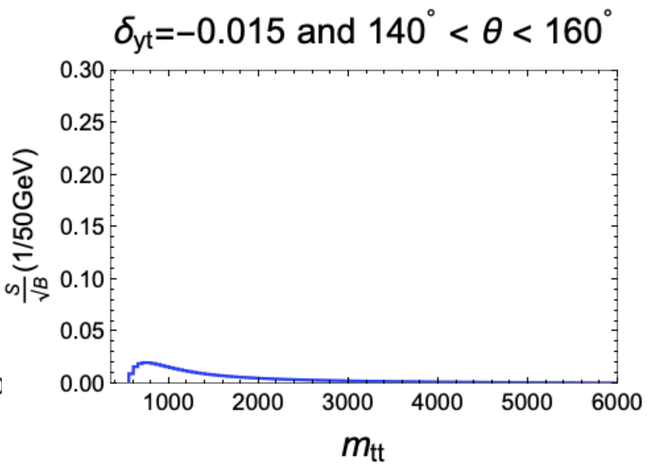

δ_{yt}=−0.015 and 40° < θ < 60°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

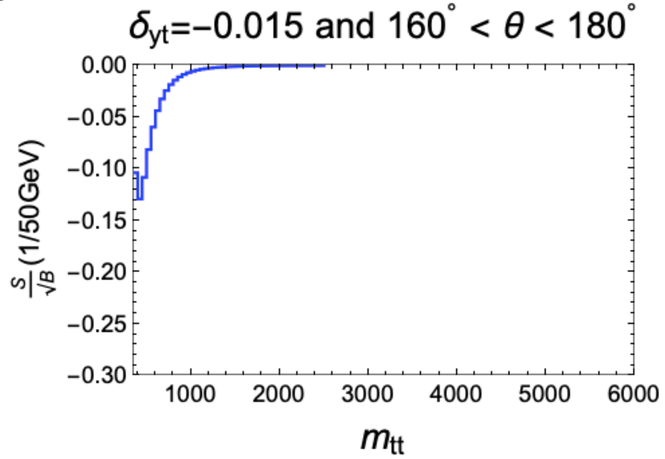

δ_{yt}=−0.015 and 60° < θ < 80°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}


δ_{yt}=−0.015 and 80° < θ < 100°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

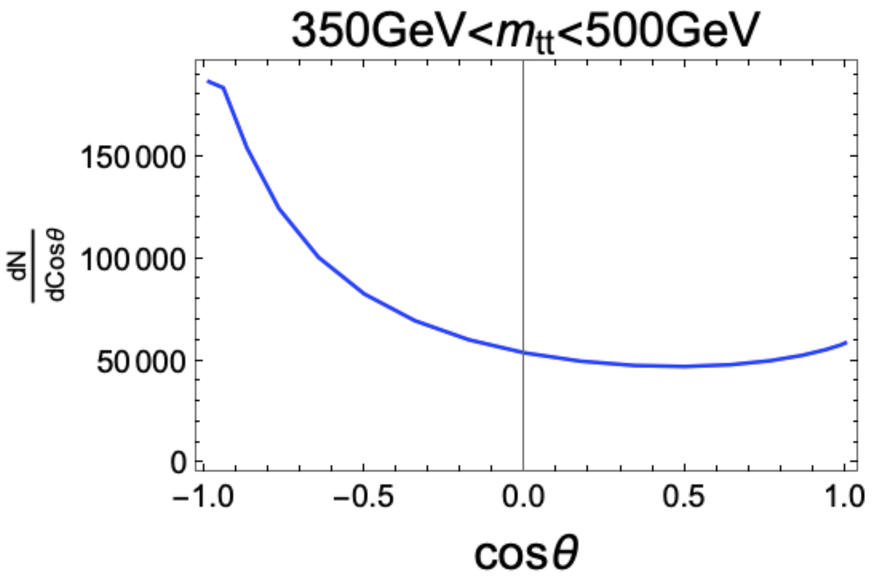

δ_{yt}=−0.015 and 100° < θ < 120°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

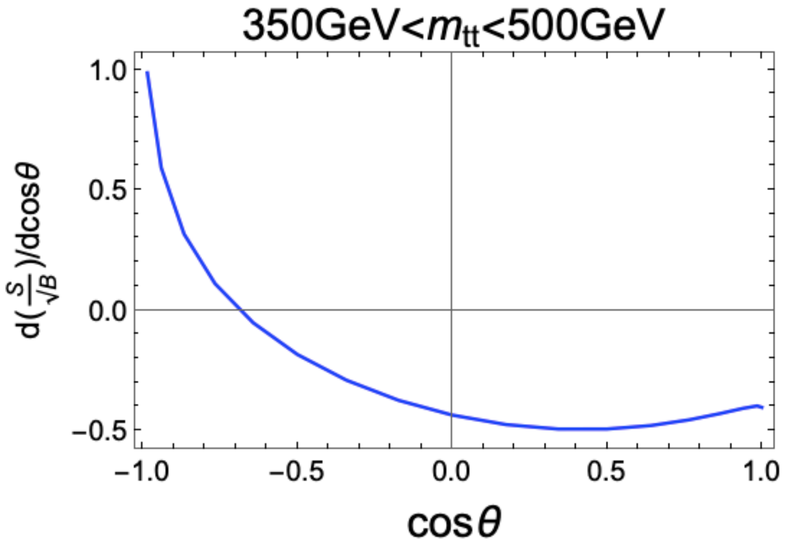

δ_{yt}=−0.015 and 120° < θ < 140°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

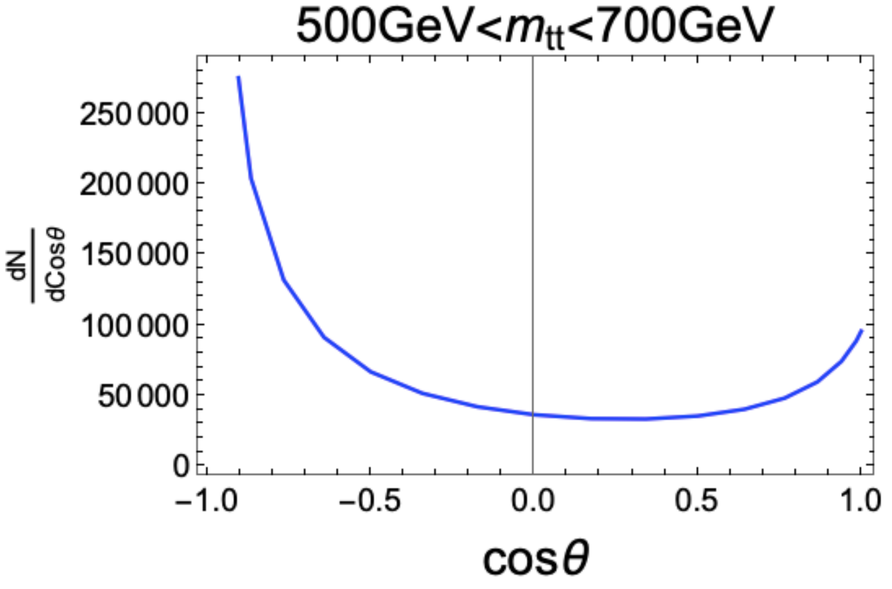

δ_{yt}=−0.015 and 140° < θ < 160°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1000
2000
3000
4000
5000
6000
m_{tt}

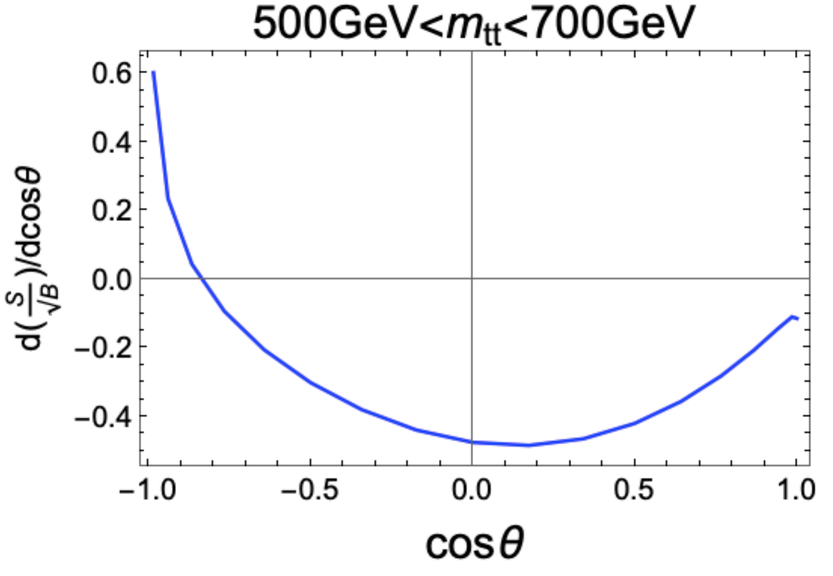

δ_{yt}=−0.015 and 160° < θ < 180°
$\frac{S}{\sqrt{B}}$(1/50GeV)
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
1000
2000
3000
4000
5000
6000
m_{tt}

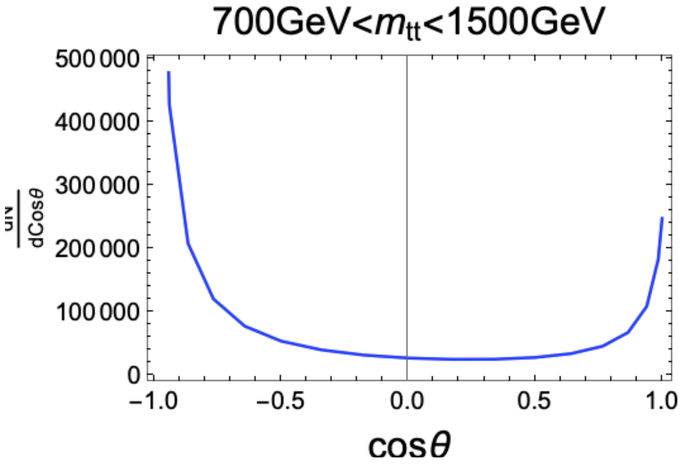
$\delta_{yt} = 0.015$

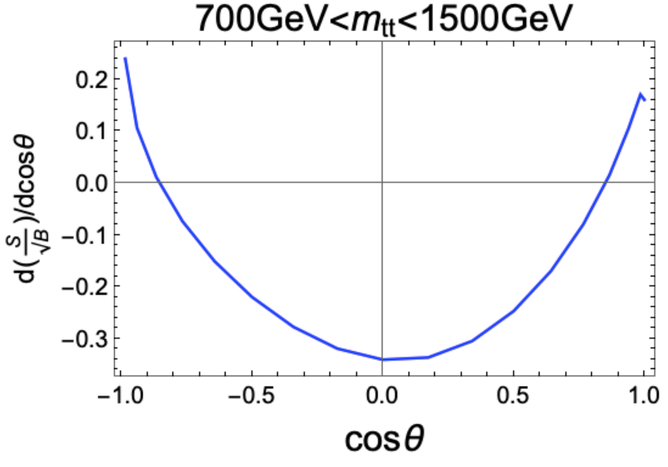


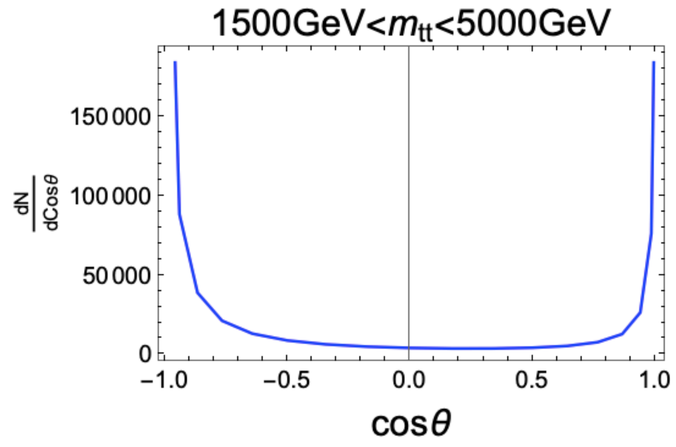


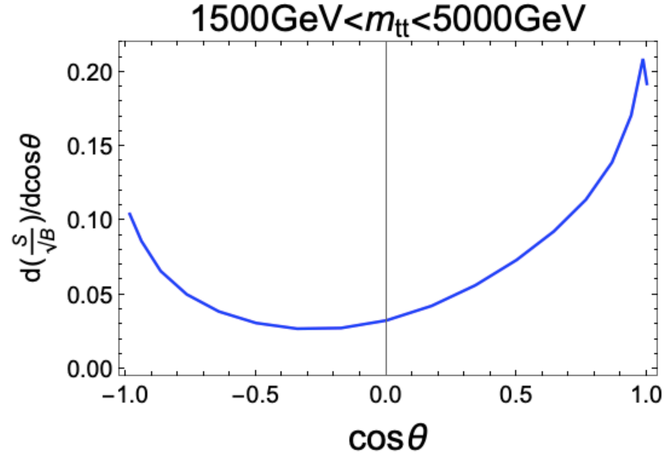


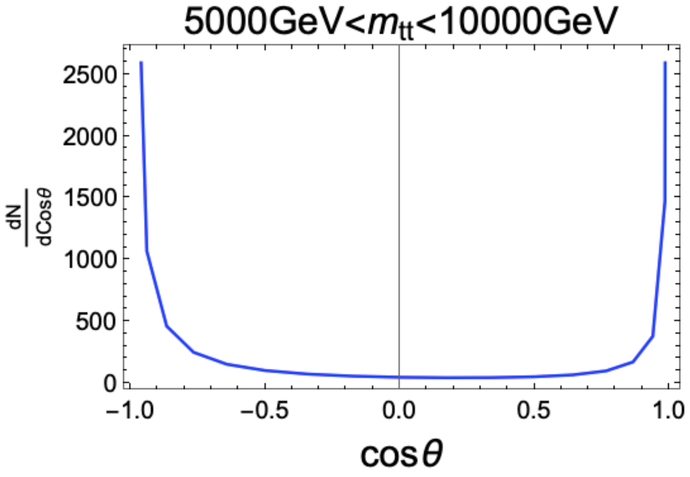


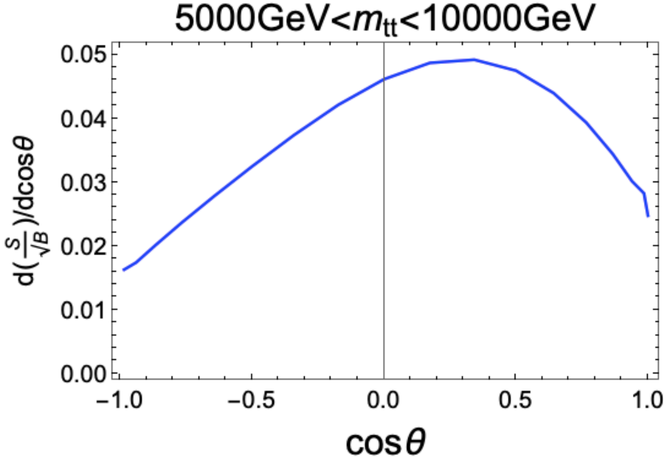

700GeV<m_{tt}<1500GeV
500 000
400 000
300 000
200 000
100 000
0
−1.0
−0.5
0.0
0.5
1.0
cosθ

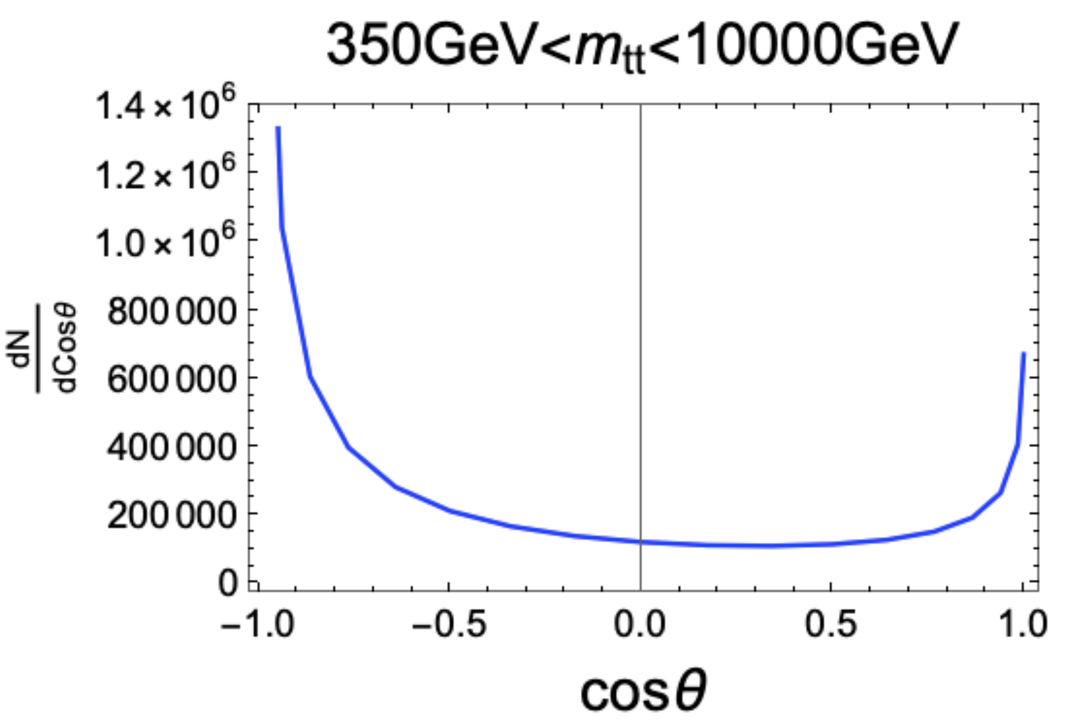

700GeV<m_{tt}<1500GeV
0.2
0.1
0.0
−0.1
−0.2
−0.3
−1.0
−0.5
0.0
0.5
1.0
cosθ

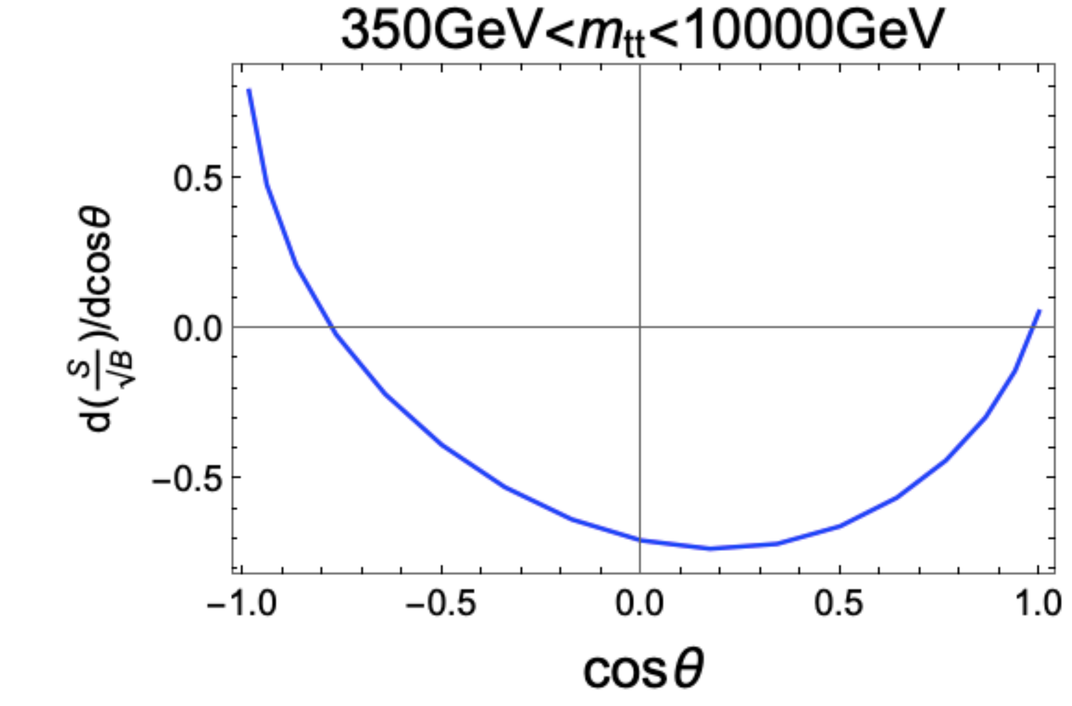

1500GeV<m_{tt}<5000GeV
150 000
100 000
50 000
0
−1.0
−0.5
0.0
0.5
1.0
cosθ


1500GeV<m_{tt}<5000GeV
0.20
0.15
0.10
0.05
0.00
−1.0
−0.5
0.0
0.5
1.0
cosθ

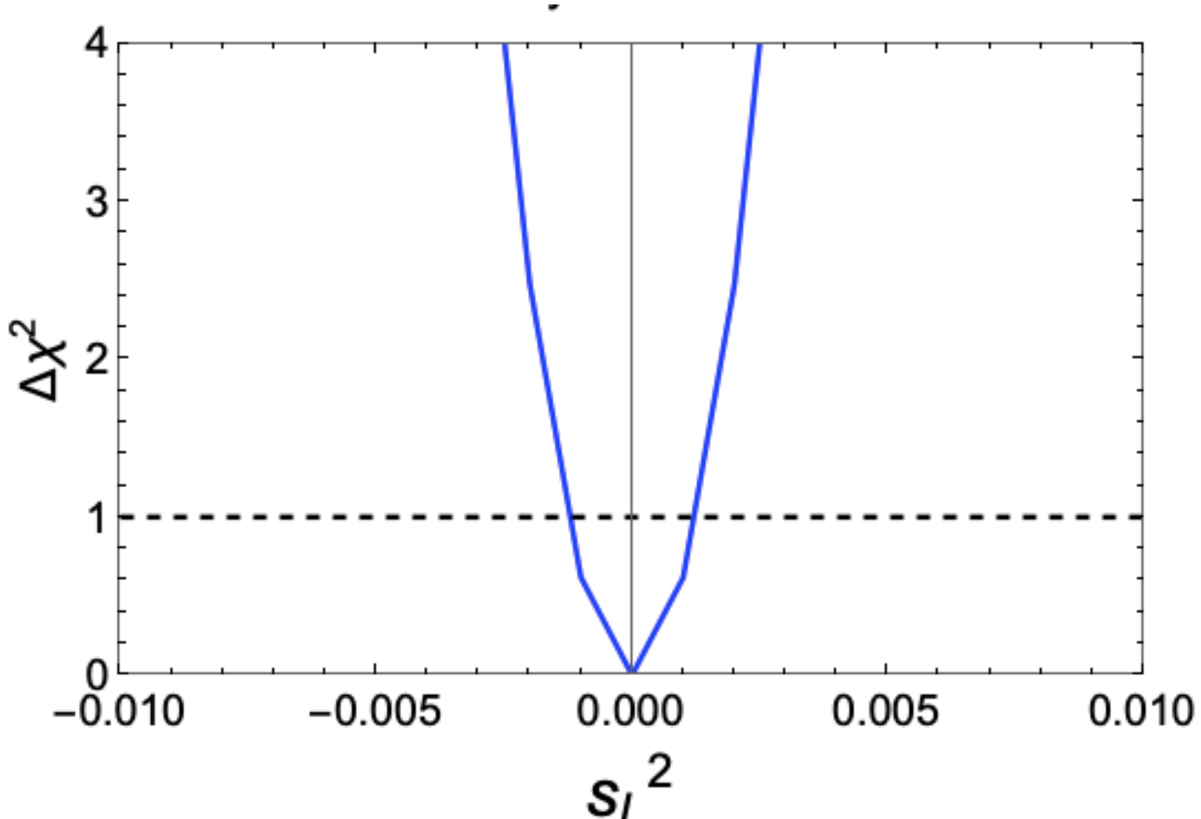

5000GeV<m_{tt}<10000GeV
2500
2000
1500
1000
500
0
−1.0
−0.5
0.0
0.5
1.0
cosθ


5000GeV<m_{tt}<10000GeV
0.05
0.04
0.03
0.02
0.01
0.00
−1.0
−0.5
0.0
0.5
1.0
cosθ


350GeV<m_{tt}<10000GeV
$\frac{dN}{dCos\theta}$
1.4 × 10^6
1.2 × 10^6
1.0 × 10^6
800 000
600 000
400 000
200 000
0
−1.0
−0.5
0.0
0.5
1.0
cosθ


350GeV<m_{tt}<10000GeV
$d(\frac{S}{\sqrt{B}})/dcos\theta$
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0
cosθ

$$\text{htt} \rightarrow \frac{m_t}{v}(1 - s_L^2)$$

$$Zt_L t_L \rightarrow g_Z \frac{(-4s_w^2 - 3s_L^2 + 3)}{6}$$

$$Wtb \rightarrow \sqrt{(1 - s_L^2)}$$