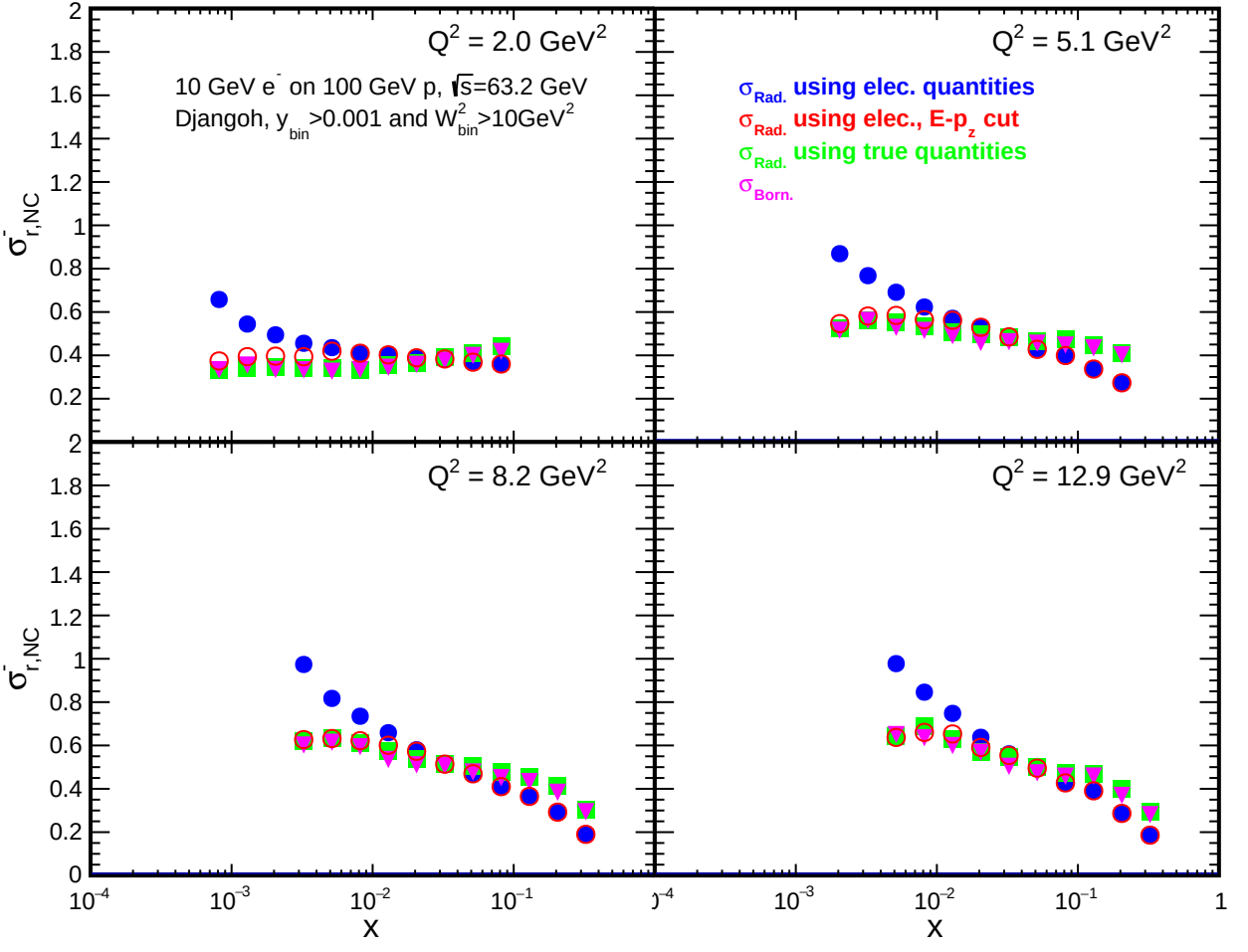
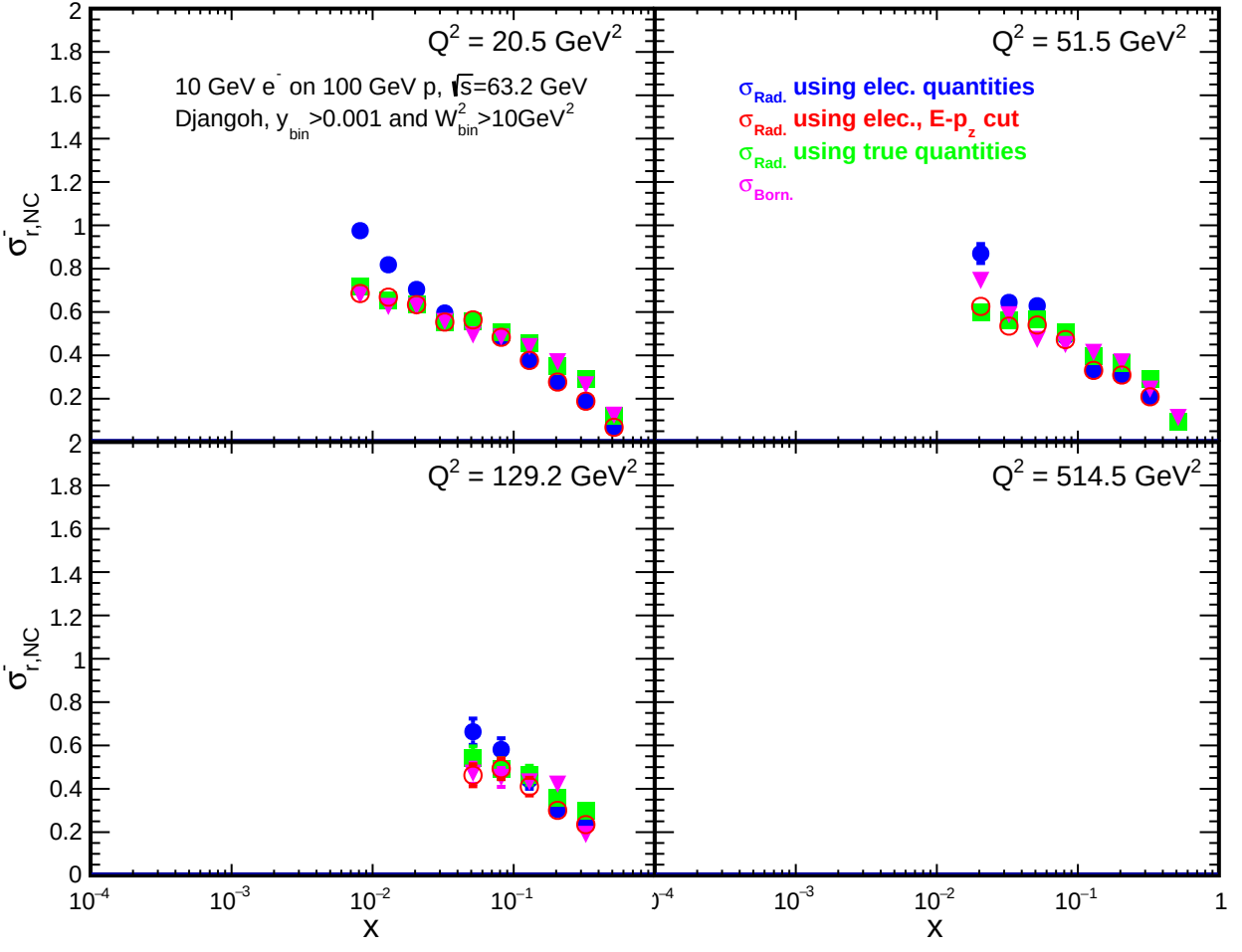
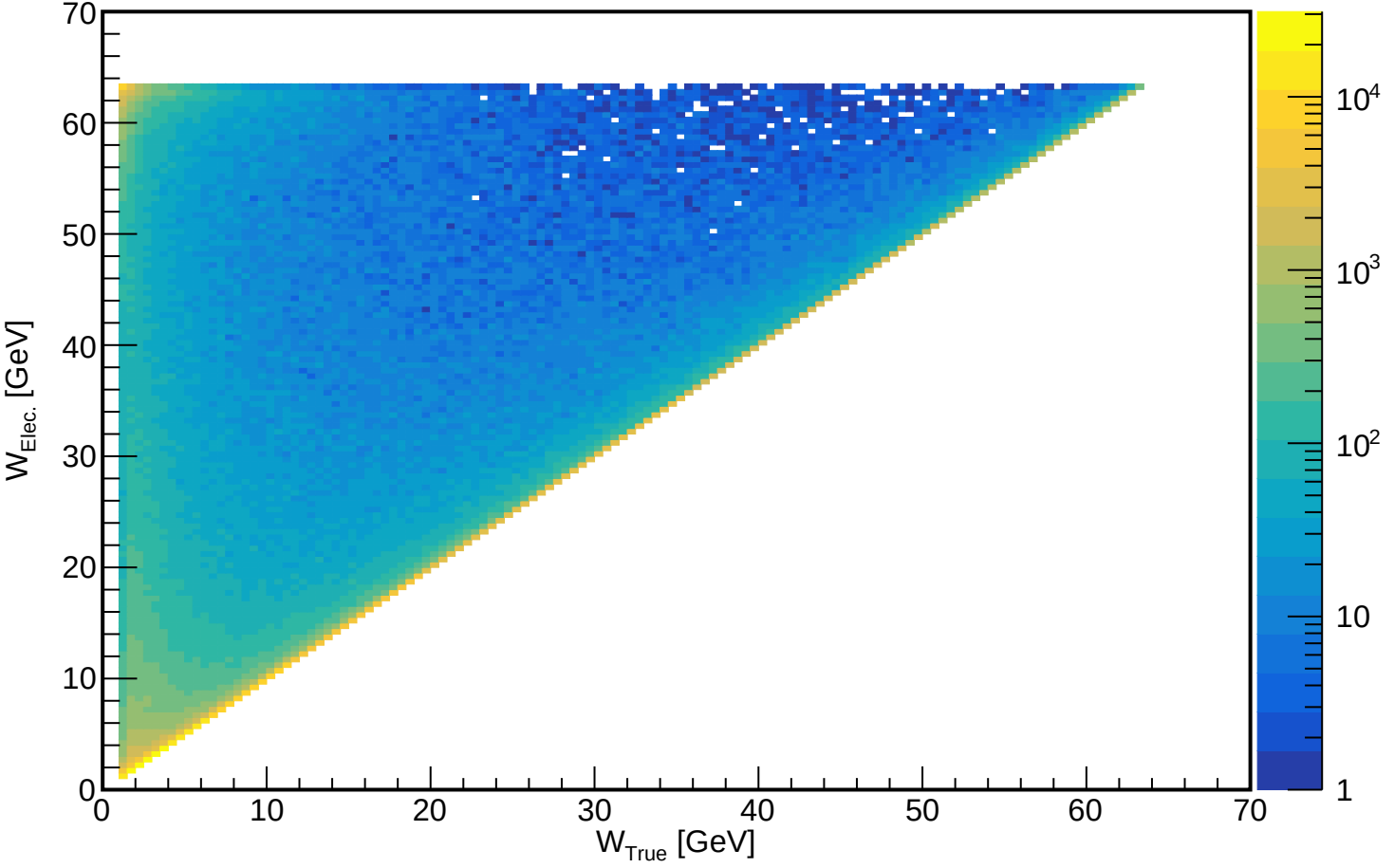
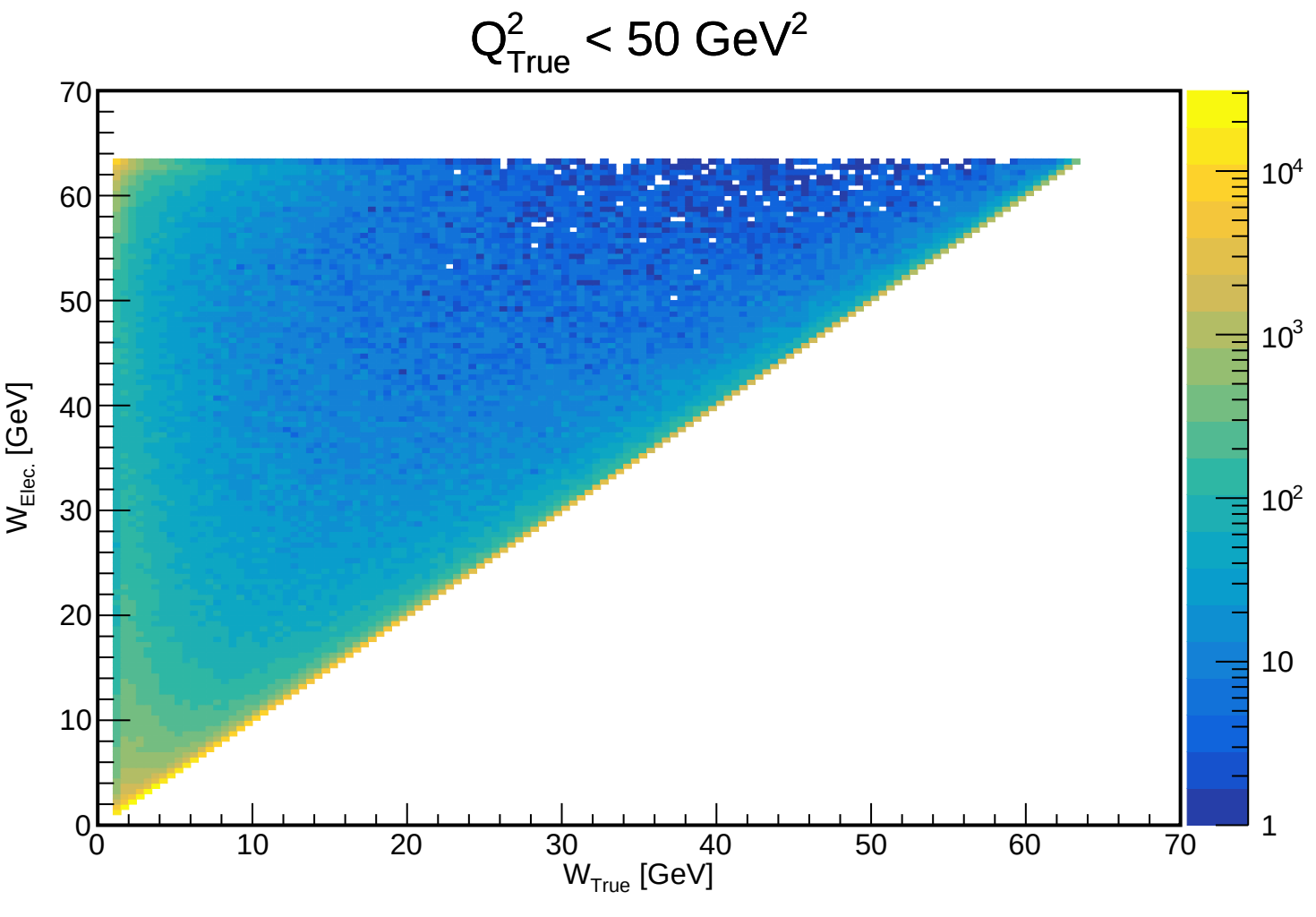
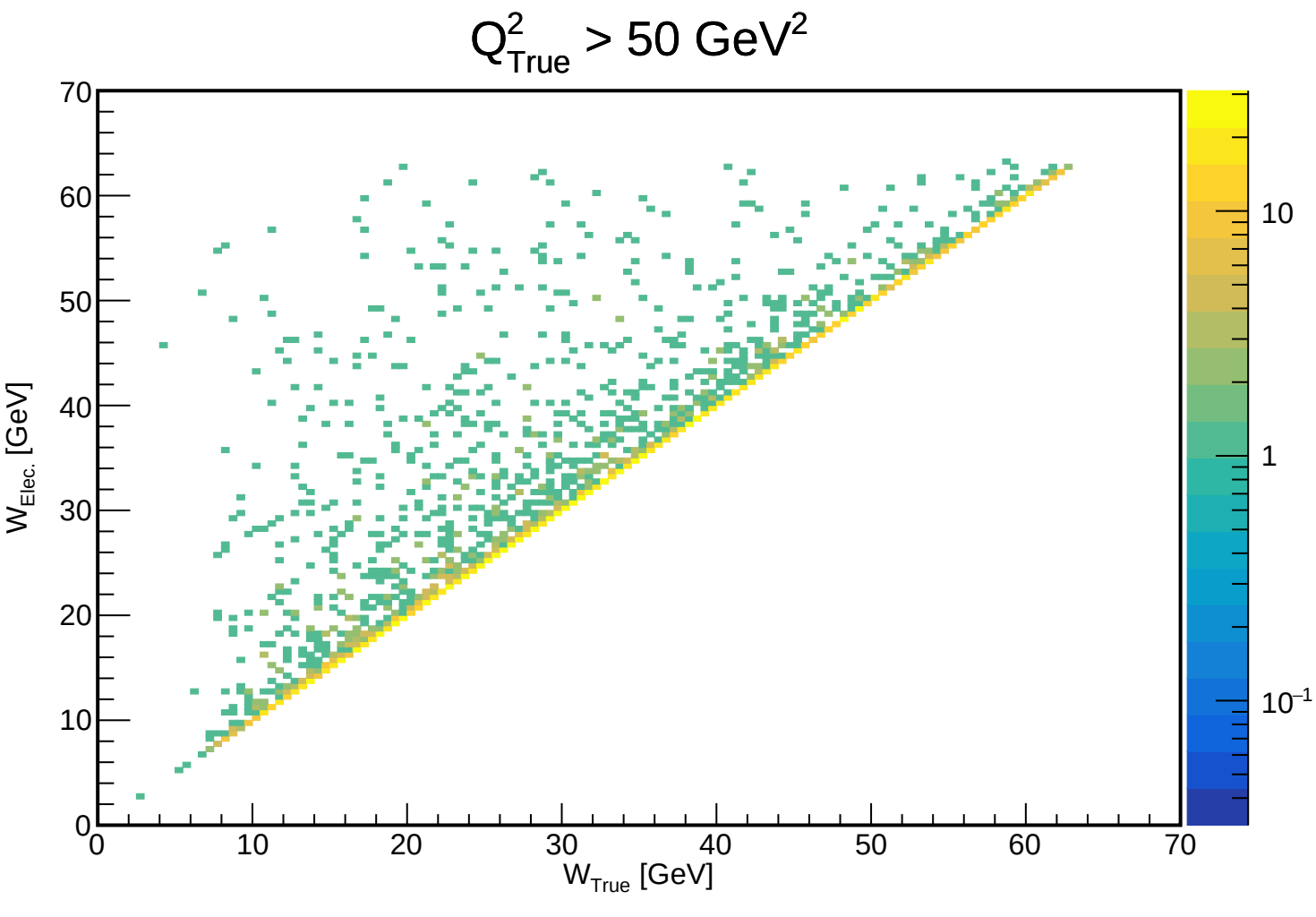
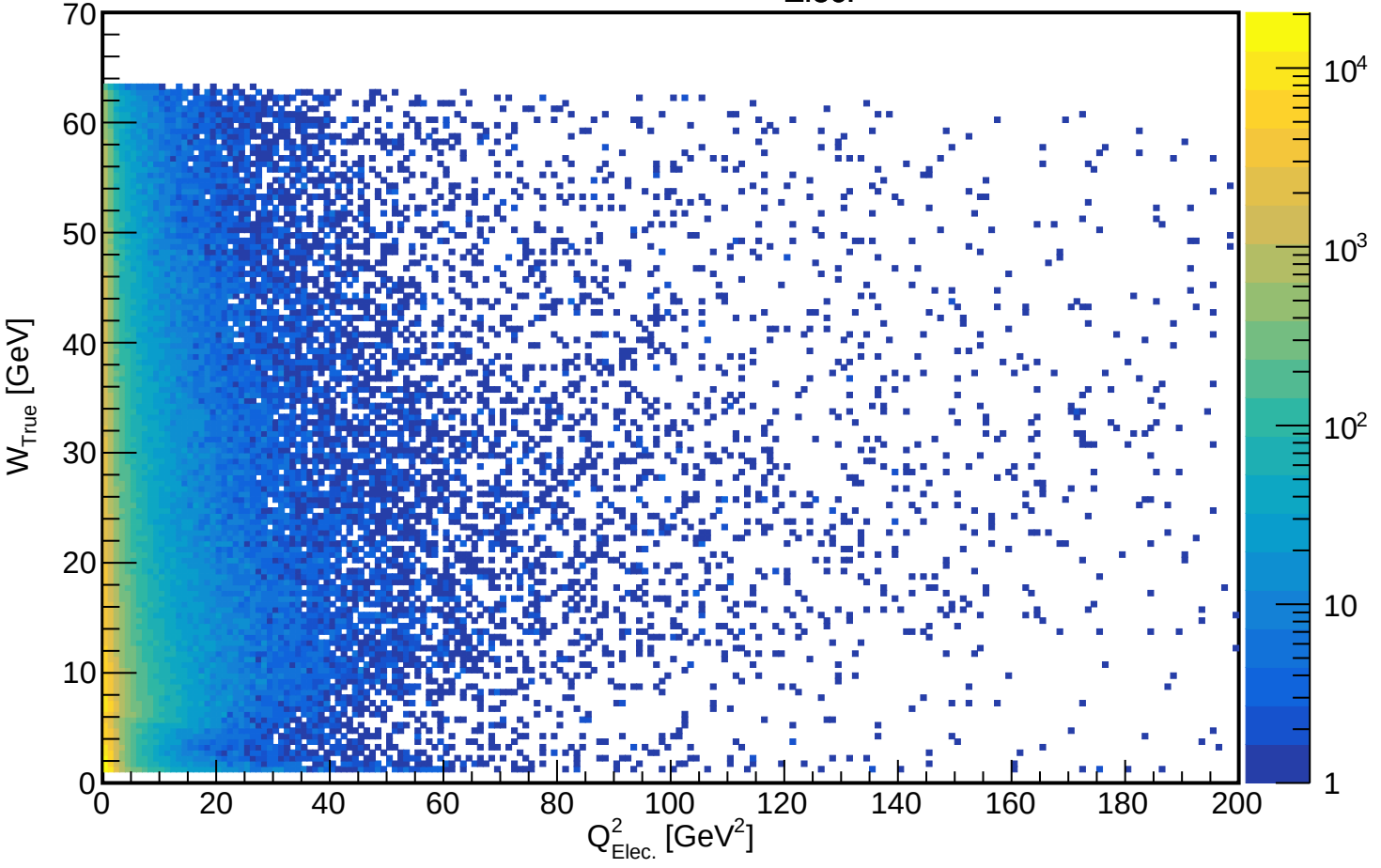

Q^2 = 2.0 GeV^2
10 GeV e$^-$ on 100 GeV p, $\sqrt{s}$=63.2 GeV
Djangoh, y_{bin}>0.001 and W^2_{bin}>10GeV^2
Q^2 = 5.1 GeV^2
$\sigma_{Rad.}$ using elec. quantities
$\sigma_{Rad.}$ using elec., E-p_z cut
$\sigma_{Rad.}$ using true quantities
$\sigma_{Born.}$
Q^2 = 8.2 GeV^2
Q^2 = 12.9 GeV^2
$\tilde{\sigma}^-_{r,NC}$
x

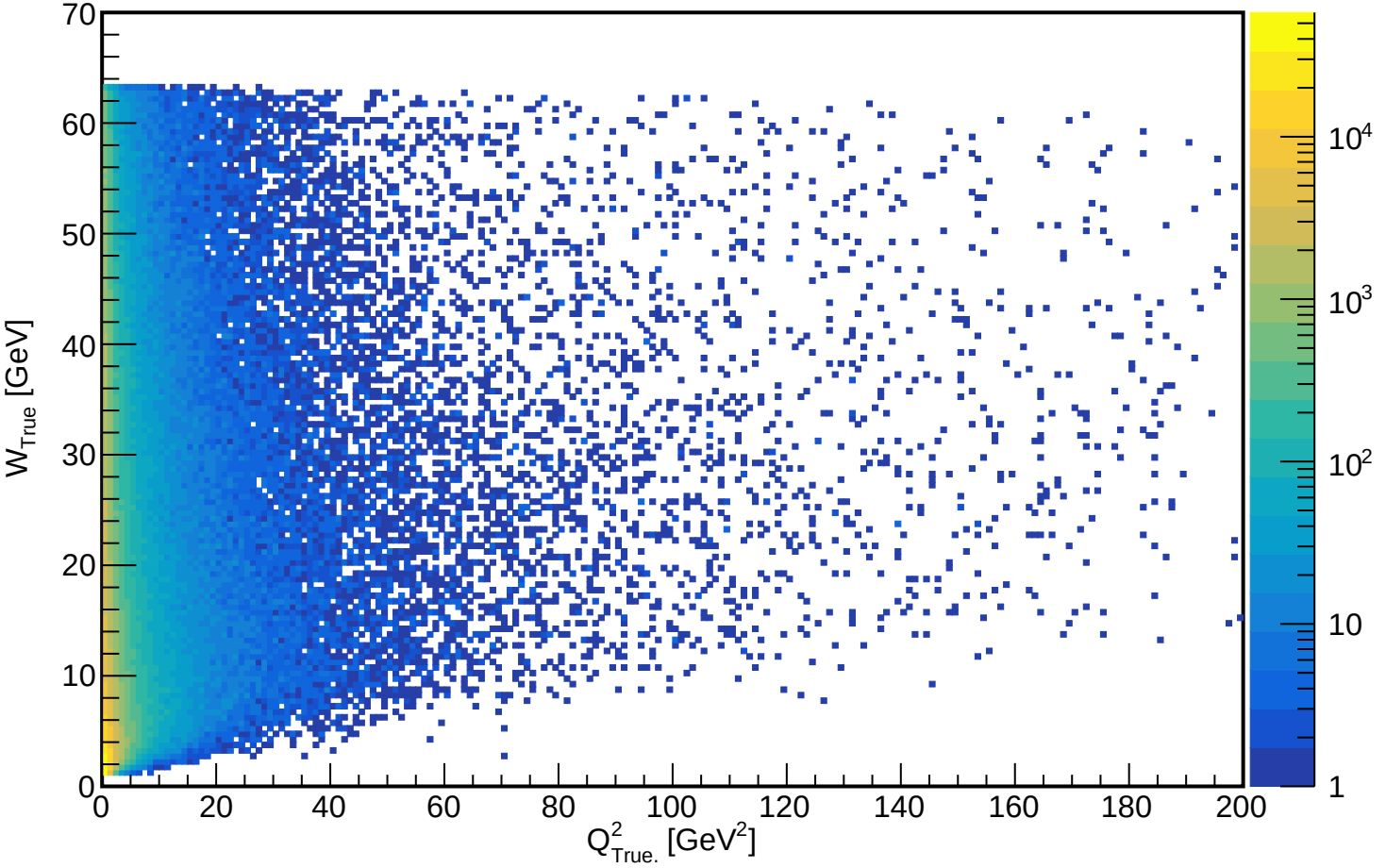

Q^2 = 20.5 GeV^2
10 GeV e$^-$ on 100 GeV p, $\sqrt{s}$=63.2 GeV
Djangoh, y_{bin}>0.001 and W^2_{bin}>10GeV^2
$\sigma_{Rad.}$ using elec. quantities
$\sigma_{Rad.}$ using elec., E-p_z cut
$\sigma_{Rad.}$ using true quantities
$\sigma_{Born.}$
Q^2 = 51.5 GeV^2
Q^2 = 129.2 GeV^2
Q^2 = 514.5 GeV^2
$\tilde{\sigma}^-_{r,NC}$
x

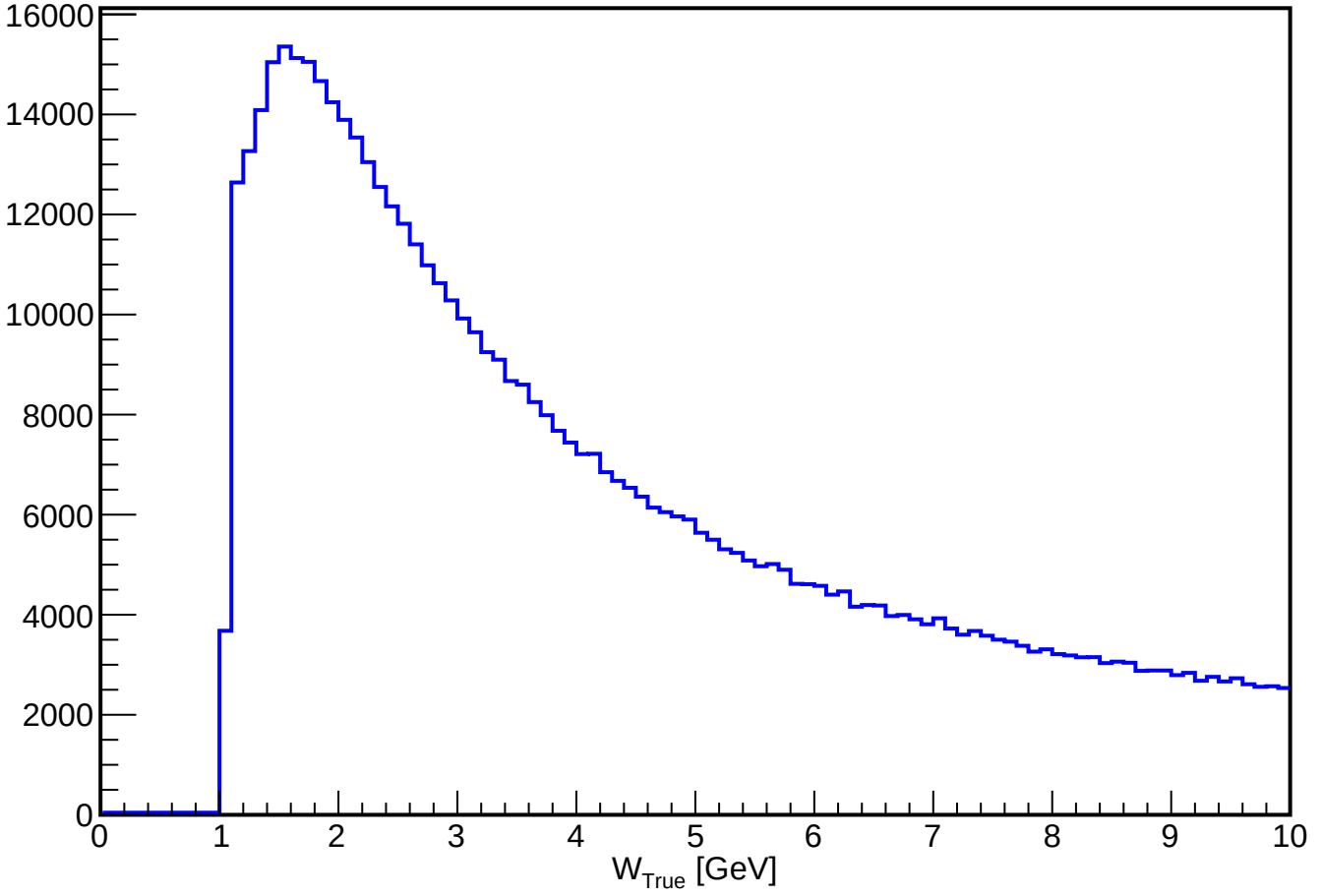

70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
70
$W_{Elec.}$ [GeV]
W_{True} [GeV]
10^4
10^3
10^2
10
1

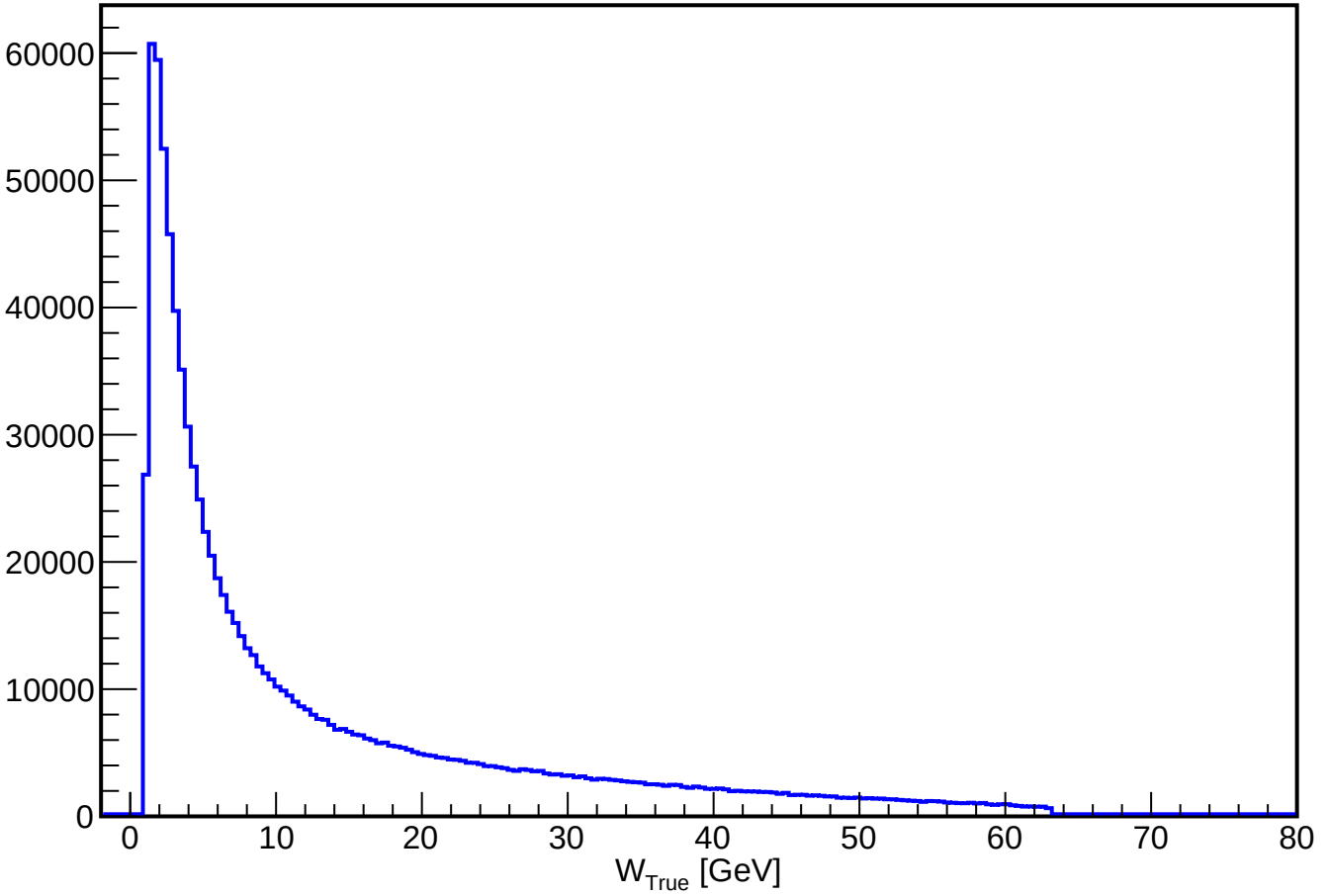

$Q^2_{True} < 50\ GeV^2$
$W_{Elec.}$ [GeV]
W_{True} [GeV]
0
10
20
30
40
50
60
70
1
10
10^2
10^3
10^4

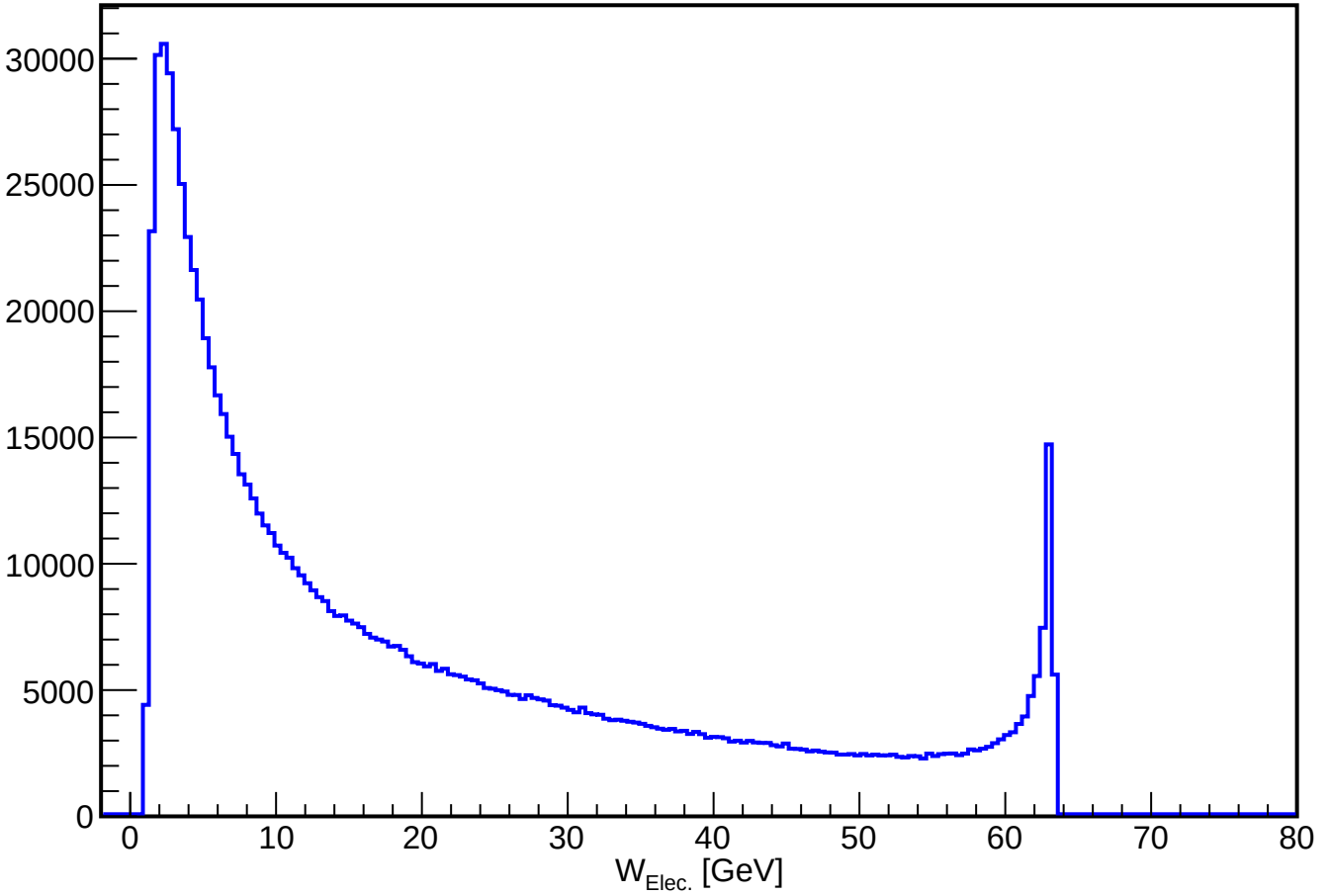

$Q^2_{True} > 50\ GeV^2$
$W_{Elec.}$ [GeV]
W_{True} [GeV]
0
10
20
30
40
50
60
70
10^{-1}
1
10

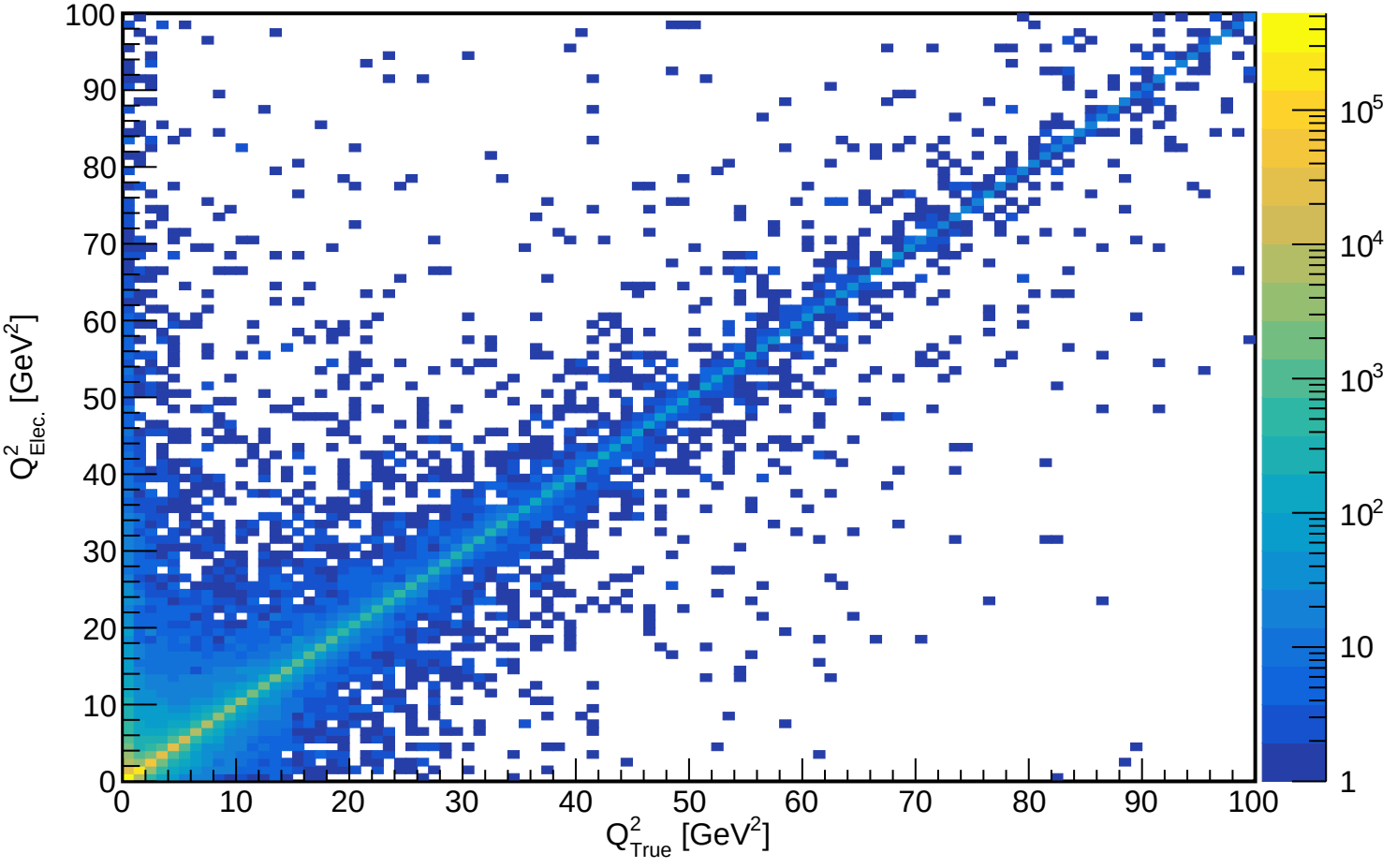

$W^2_{Elec.} > 10\ GeV^2$, $y_{Elec.} > 0.01$
W_{True} [GeV]
$Q^2_{Elec.}$ [GeV^2]
0
10
20
30
40
50
60
70
0
20
40
60
80
100
120
140
160
180
200
1
10
10^2
10^3
10^4

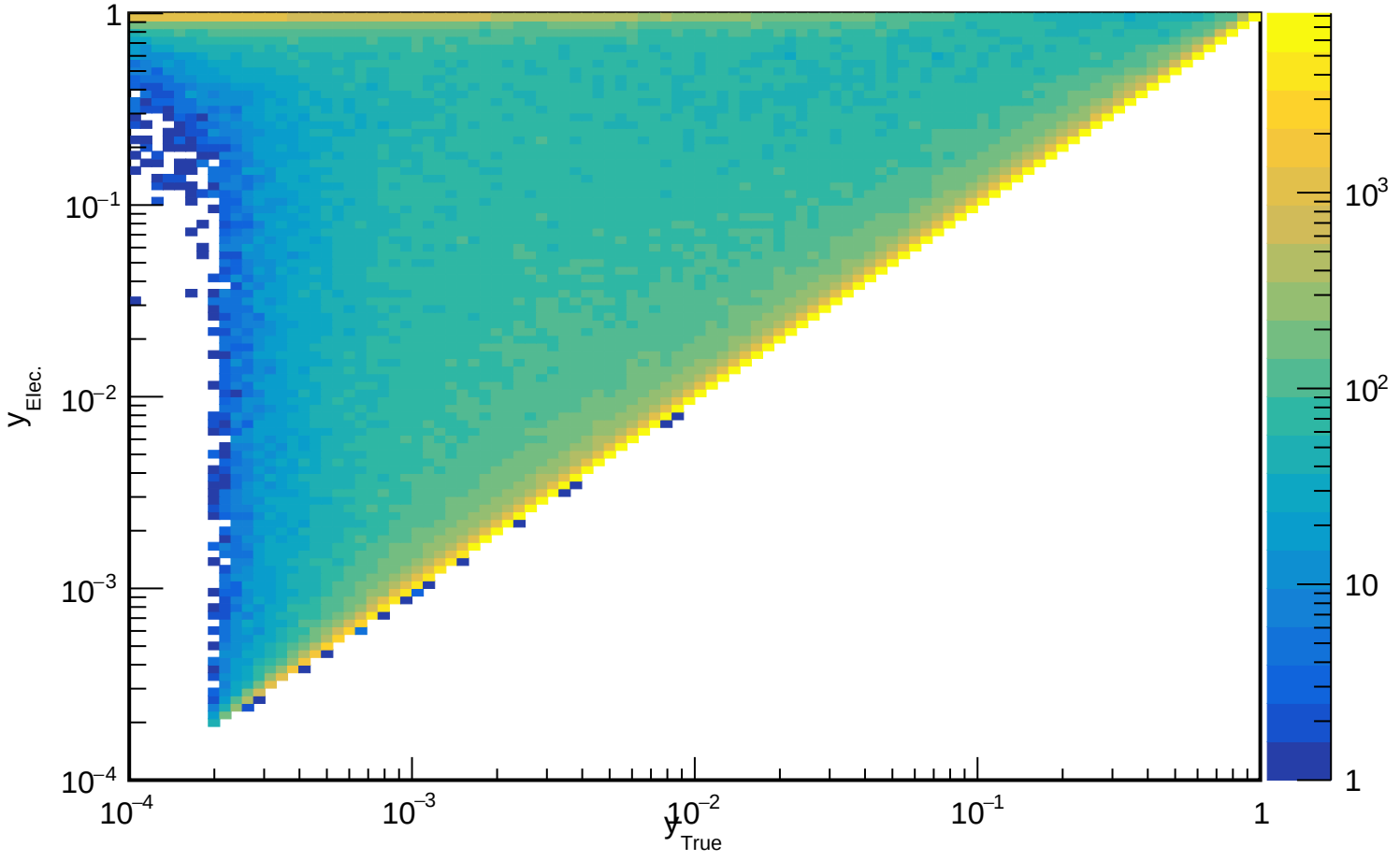

70
60
50
40
30
20
10
0
W_{True} [GeV]
0
20
40
60
80
100
120
140
160
180
200
$Q^2_{True.}$ [GeV^2]
10^4
10^3
10^2
10
1

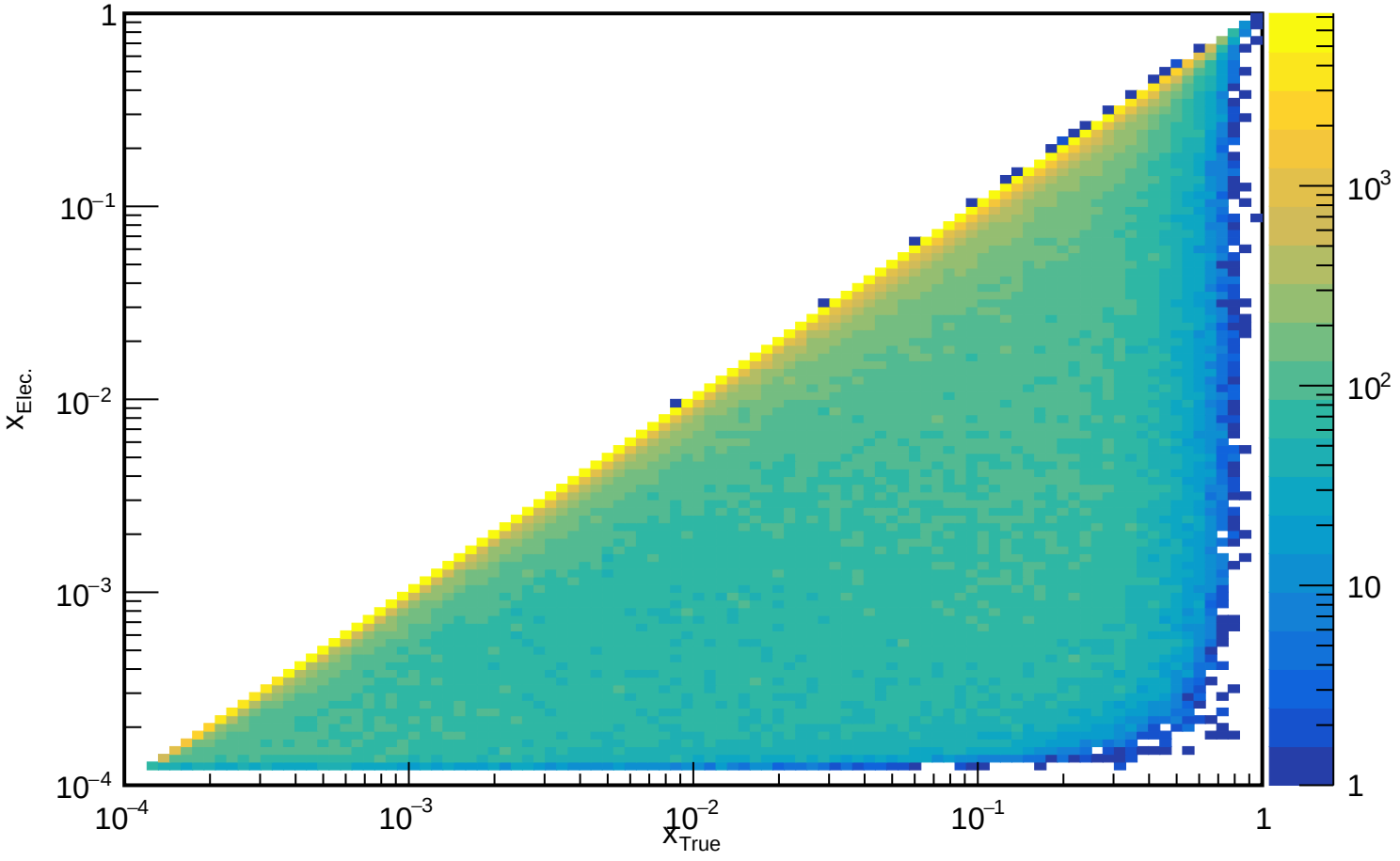

16000
14000
12000
10000
8000
6000
4000
2000
0
0
1
2
3
4
5
6
7
8
9
10
W_True [GeV]

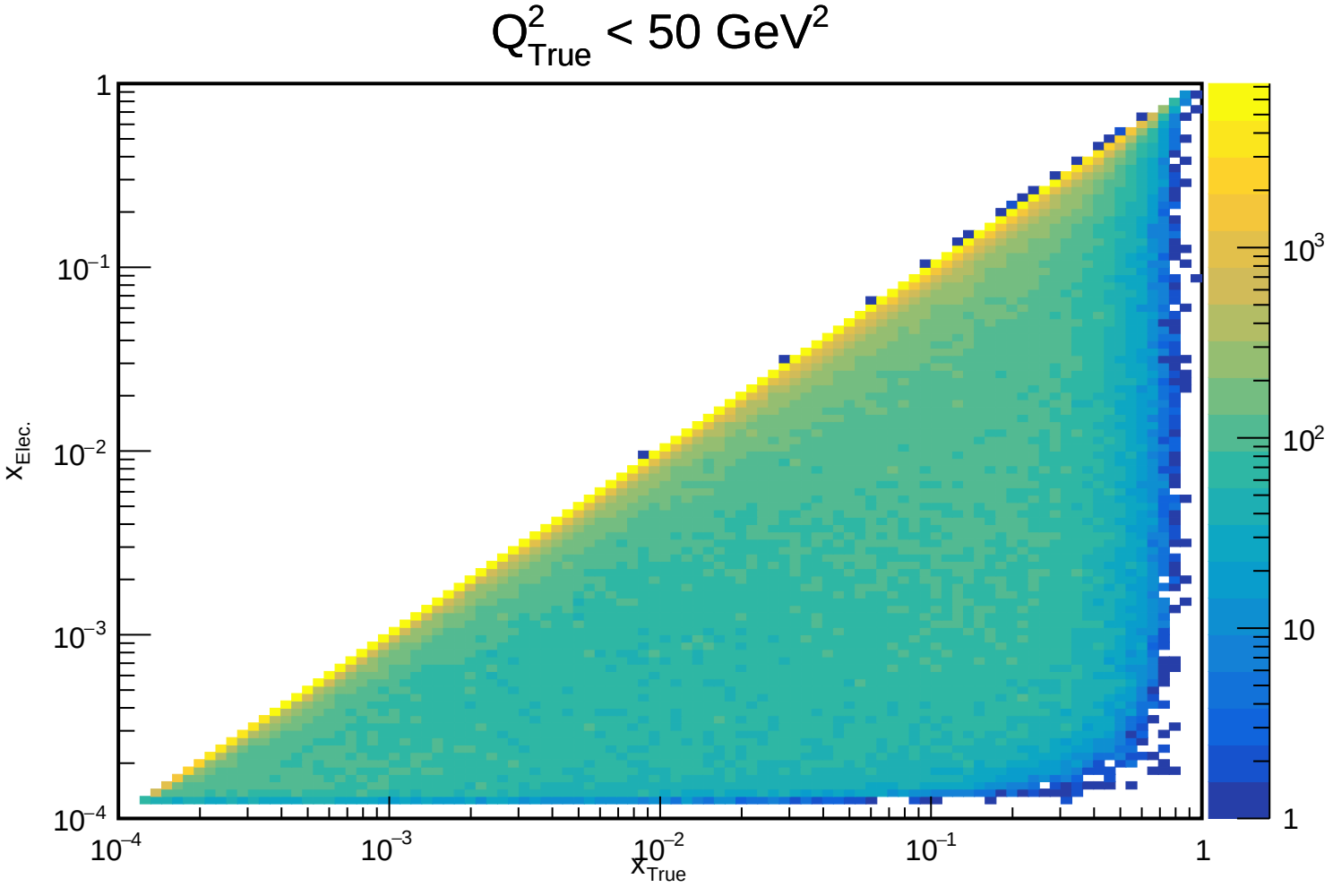

60000
50000
40000
30000
20000
10000
0
0
10
20
30
40
50
60
70
80
W_True [GeV]

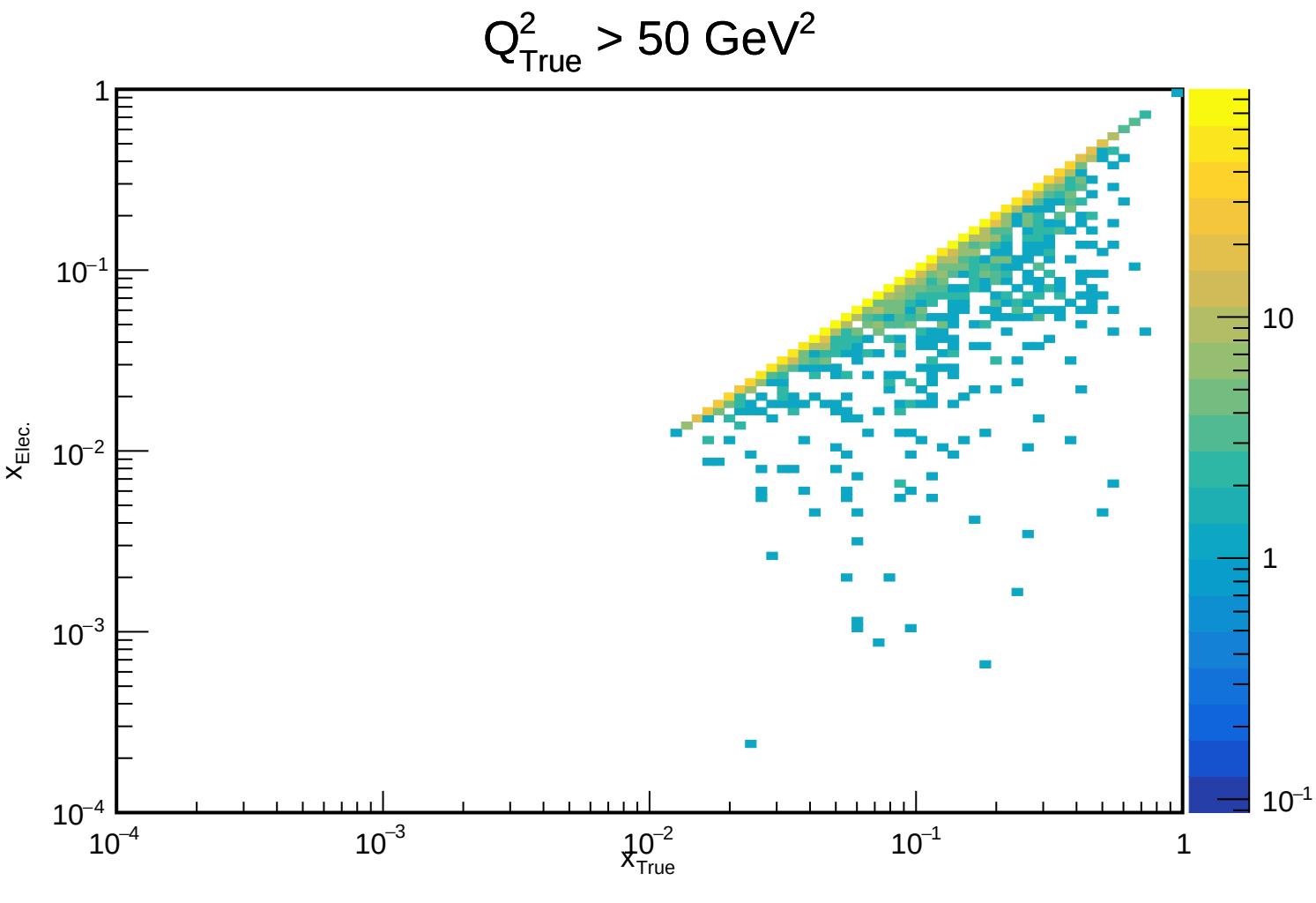

30000
25000
20000
15000
10000
5000
0
0
10
20
30
40
50
60
70
80
W_Elec. [GeV]

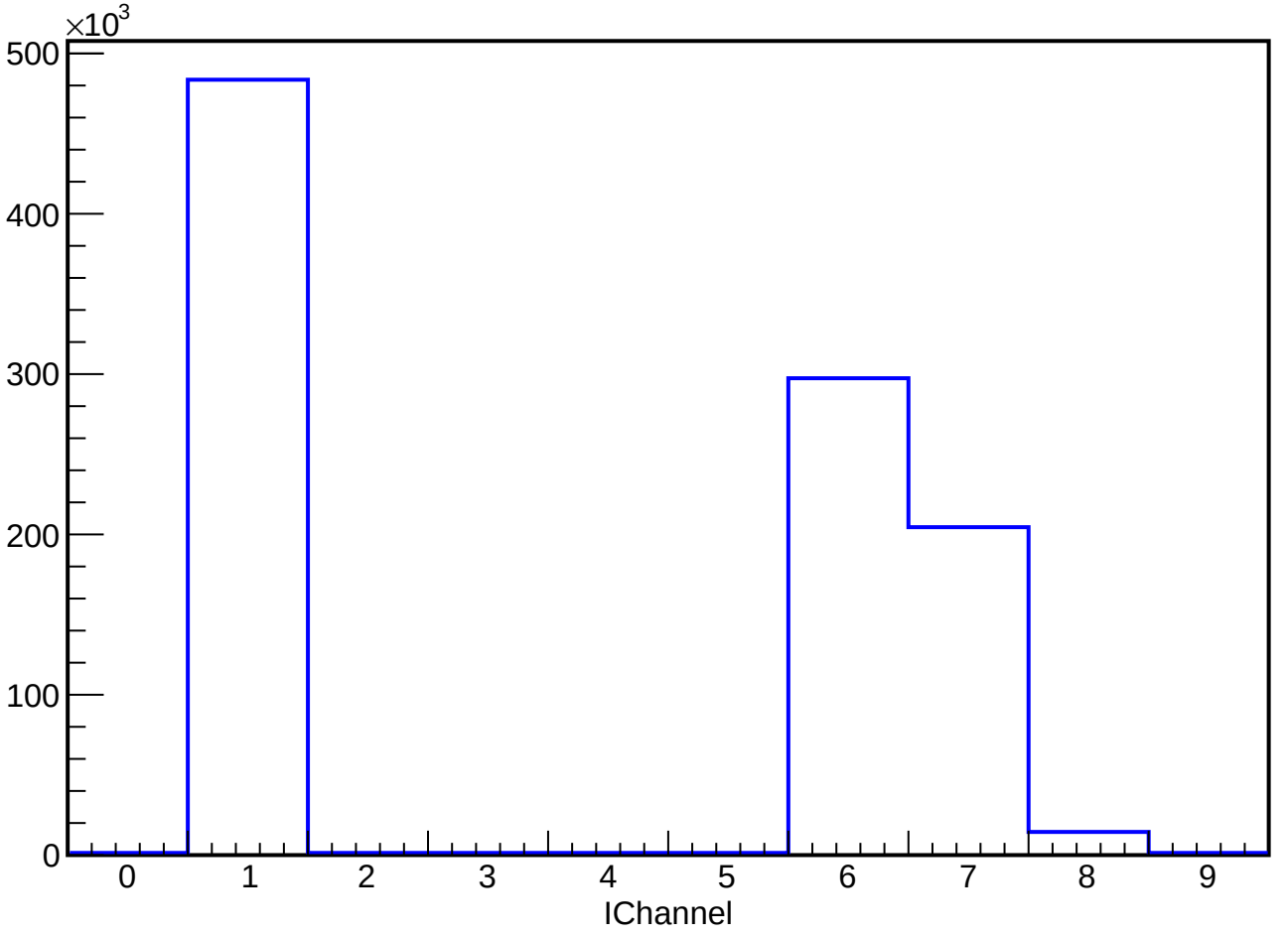

$Q^2_{Elec.}$ [GeV^2]
Q^2_{True} [GeV^2]
0
10
20
30
40
50
60
70
80
90
100
1
10
10^2
10^3
10^4
10^5

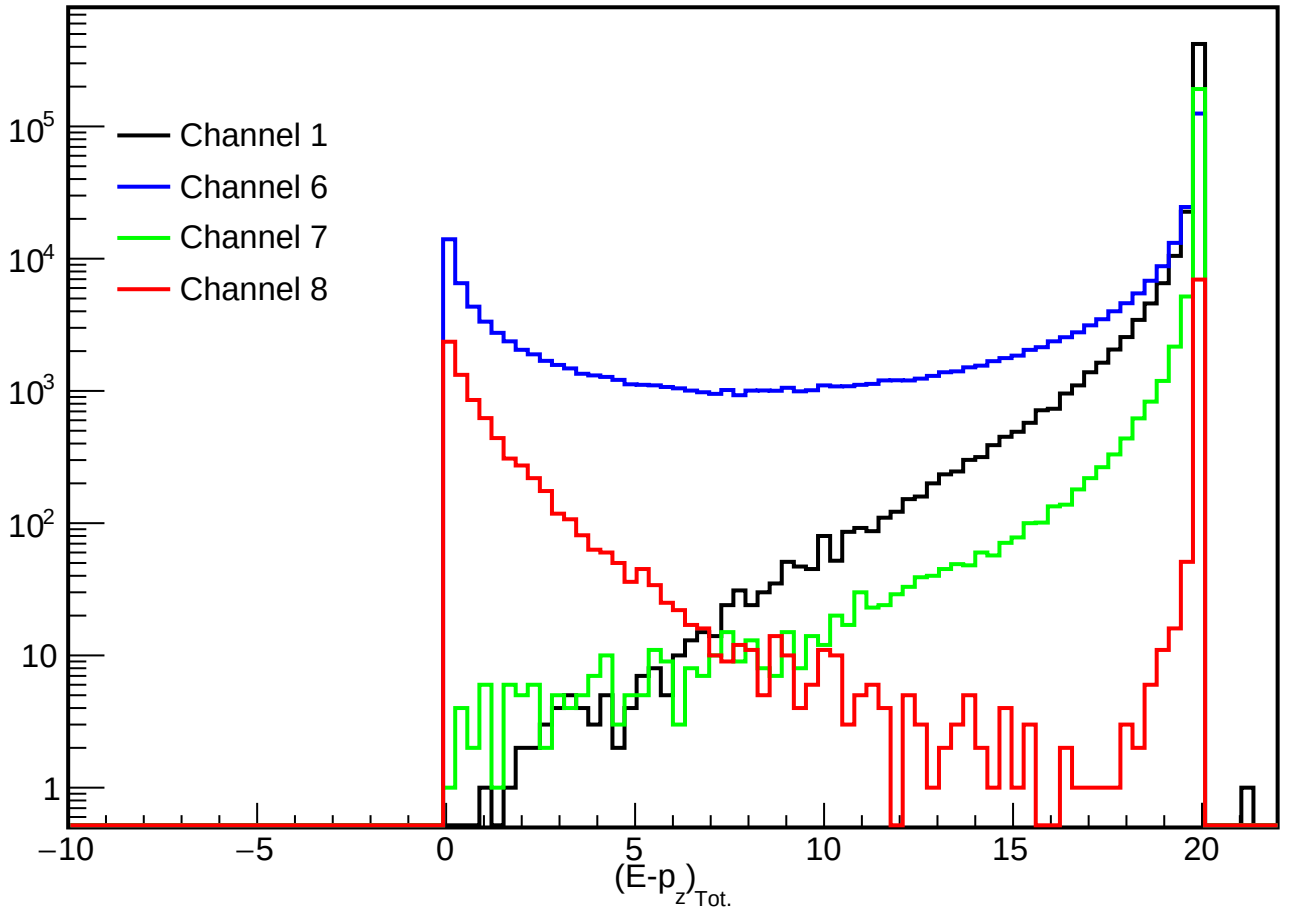

1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
$y_{Elec.}$
10^{-4}
10^{-3}
10^{-2}
10^{-1}
1
y_{True}
10^{3}
10^{2}
10
1

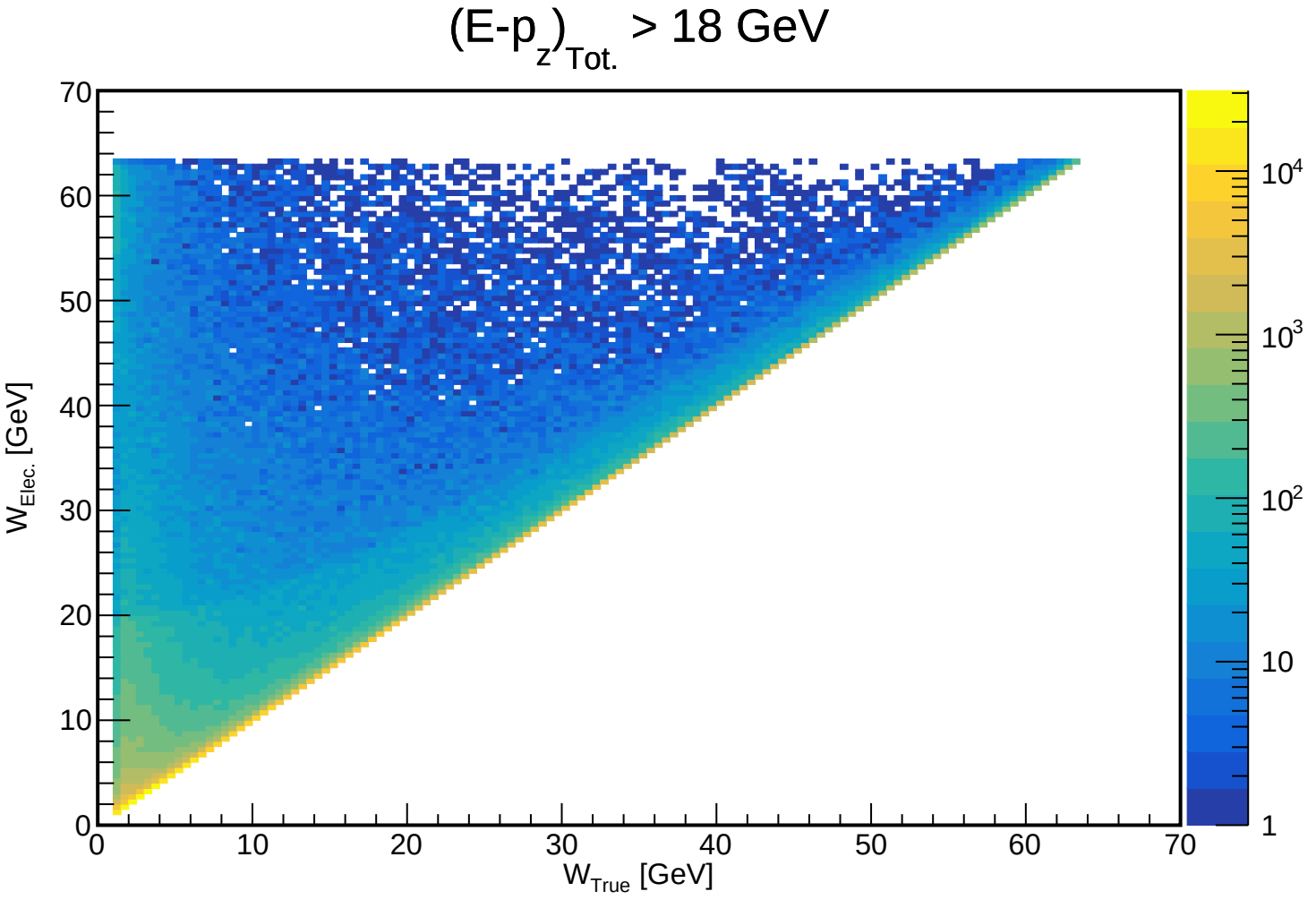

1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
$x_{Elec.}$
10^{-4}
10^{-3}
10^{-2}
10^{-1}
1
x_{True}
10^{3}
10^{2}
10
1

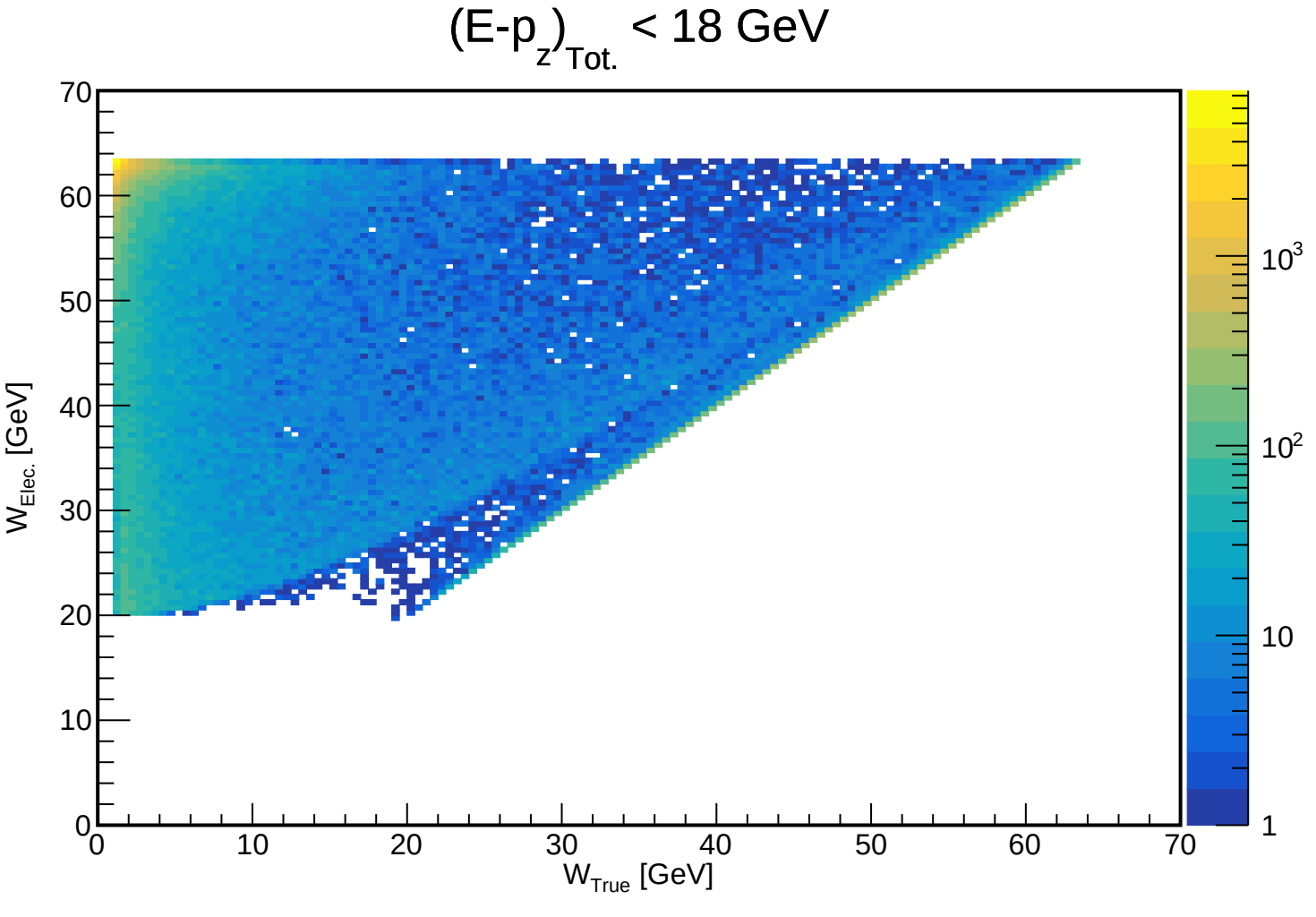

$Q^2_{True} < 50\ GeV^2$
$x_{Elec.}$
x_{True}
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
1
10^3
10^2
10
1

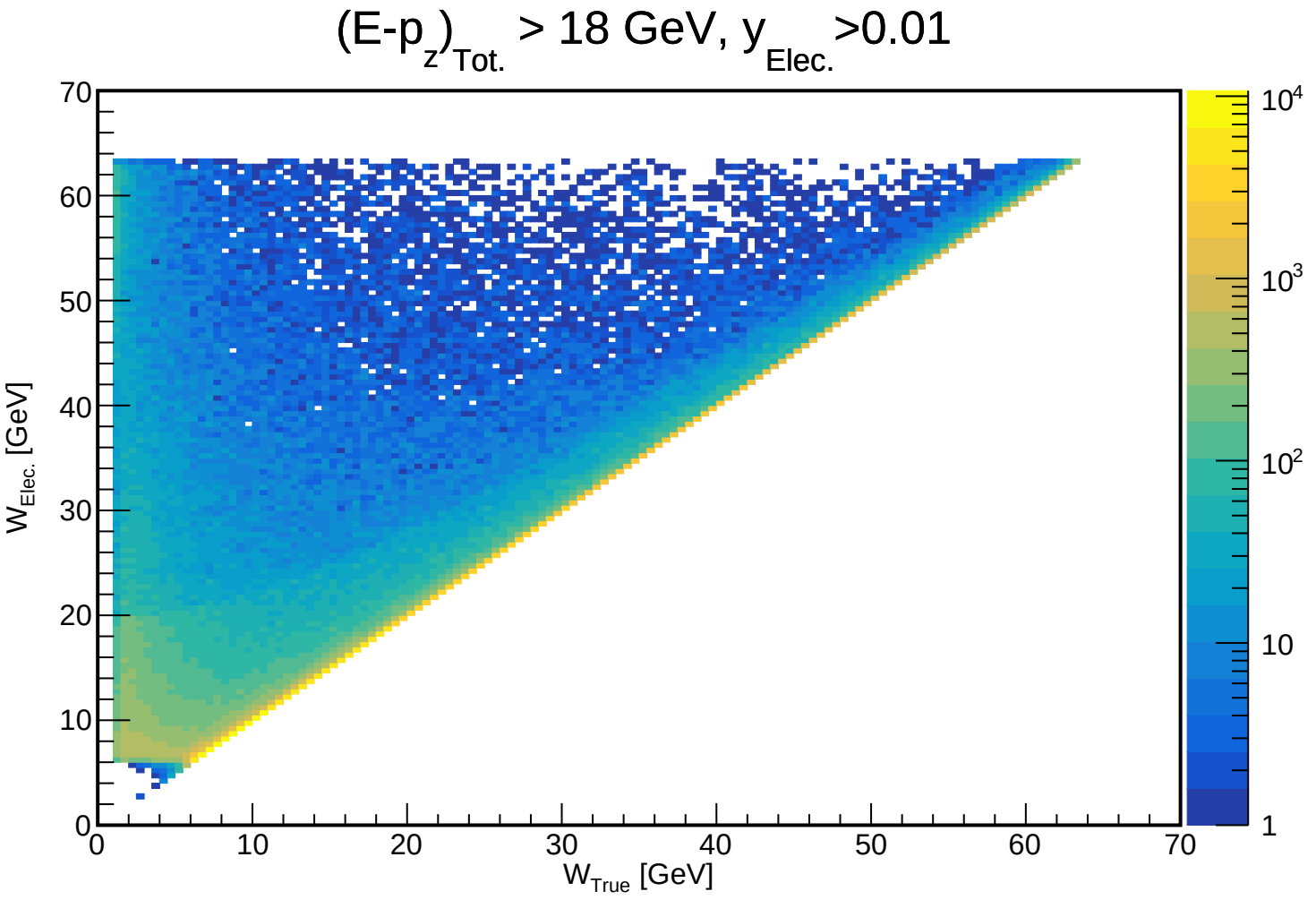

$Q^2_{True} > 50\ GeV^2$
$x_{Elec.}$
x_{True}
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
1
10
1
10^{-1}

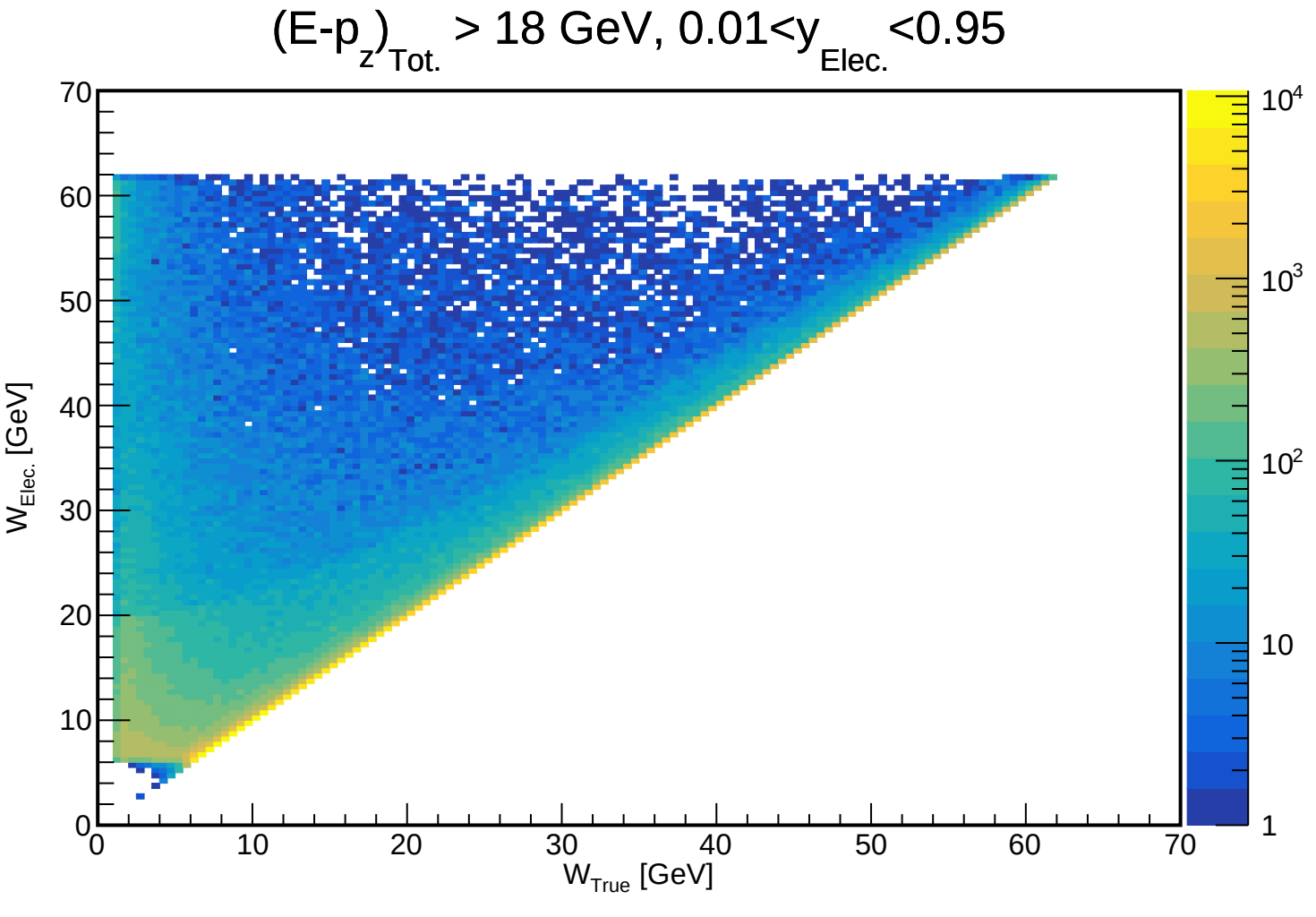

×10^3
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
IChannel


Sum over final-state particles w/ -4<η<4
Channel 1
Channel 6
Channel 7
Channel 8
10^5
10^4
10^3
10^2
10
1
−10
−5
0
5
10
15
20
(E-p_z)_Tot.


$(E-p_z)_{Tot.} > 18$ GeV
$W_{Elec.}$ [GeV]
W_{True} [GeV]
0
10
20
30
40
50
60
70
1
10
10^2
10^3
10^4


$(E-p_z)_{Tot.} < 18$ GeV
$W_{Elec.}$ [GeV]
W_{True} [GeV]
0
10
20
30
40
50
60
70
1
10
10^2
10^3


$(E-p_z)_{Tot.} > 18$ GeV, $y_{Elec.} > 0.01$
$W_{Elec.}$ [GeV]
W_{True} [GeV]
0
10
20
30
40
50
60
70
1
10
10^2
10^3
10^4


(E-p_z)_Tot. > 18 GeV, 0.01<y_Elec.<0.95
W_Elec. [GeV]
W_True [GeV]
0
10
20
30
40
50
60
70
1
10
10^2
10^3
10^4