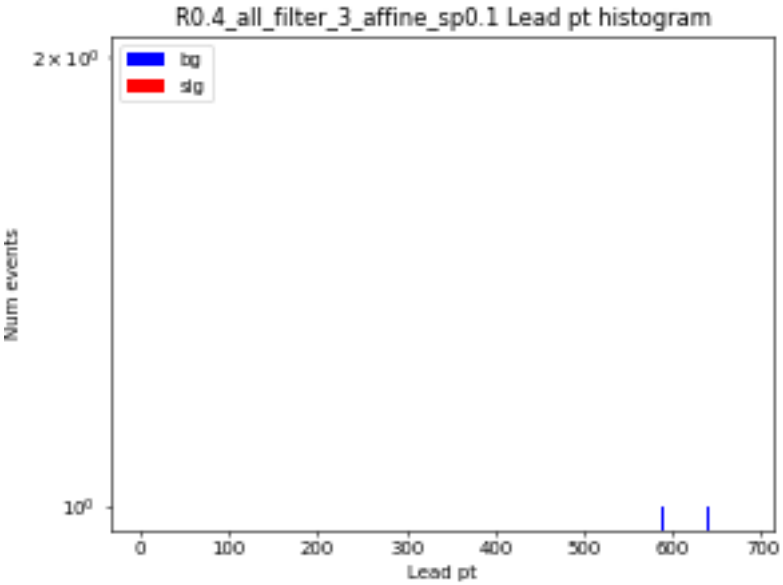
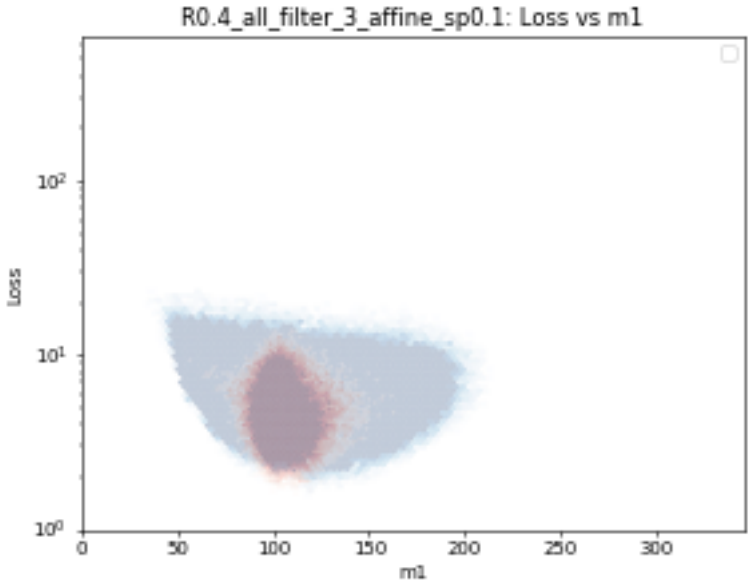
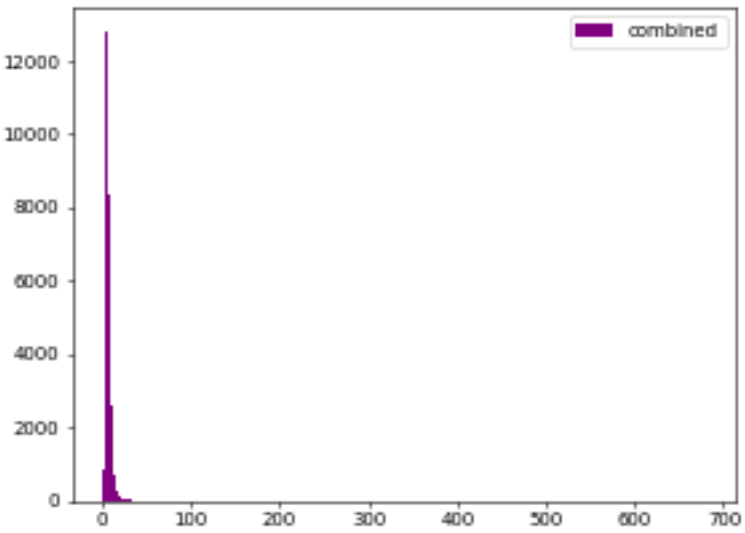
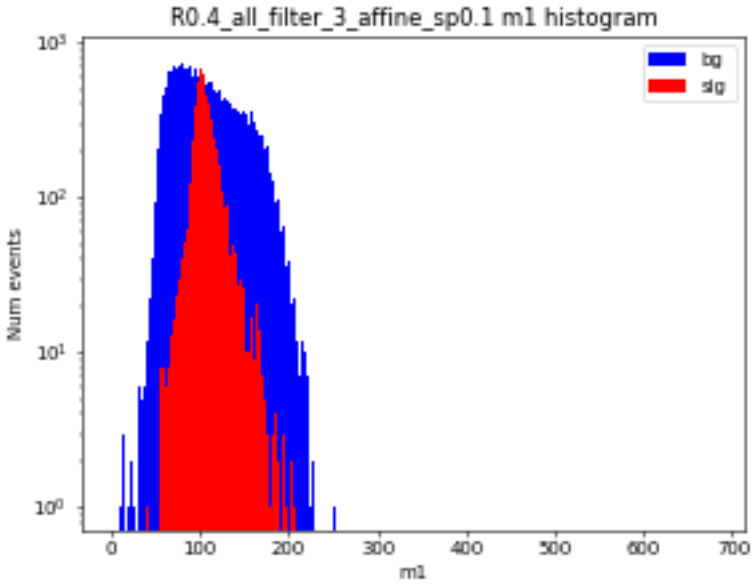
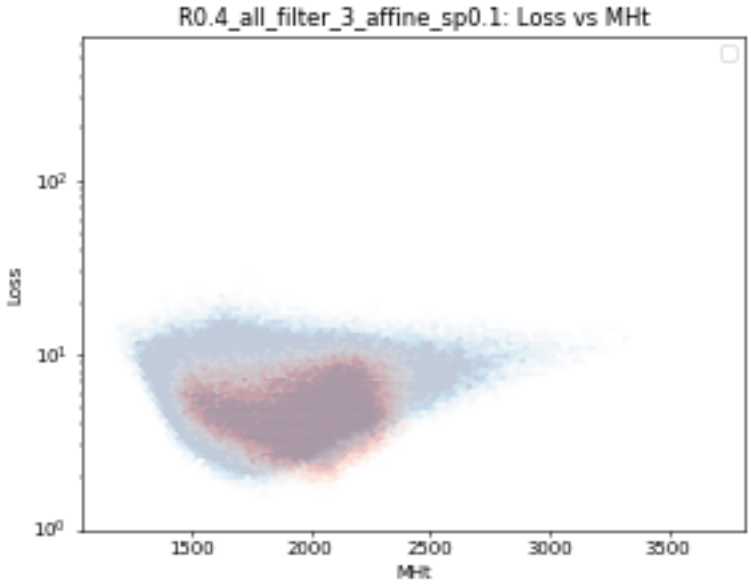
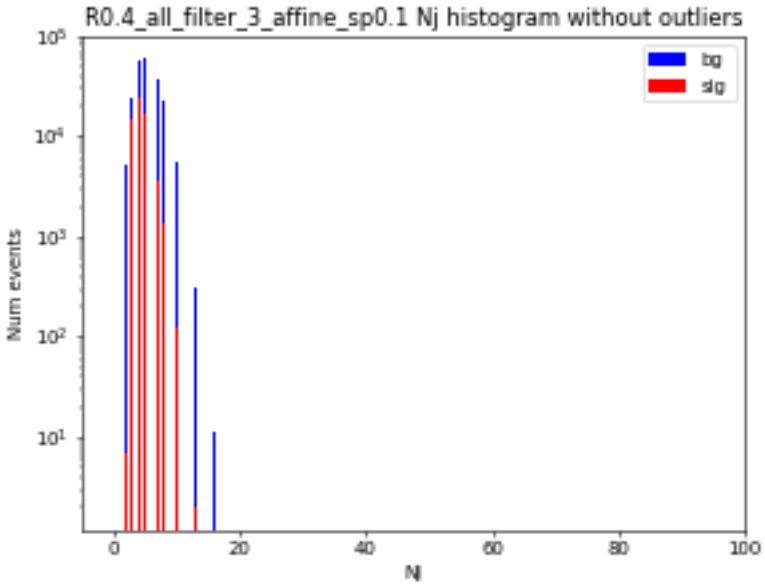

R0.4_all_filter_3_affine_sp0.1 Lead pt histogram
bg
sig
2×10^0
10^0
Num events
0
100
200
300
400
500
600
700
Lead pt

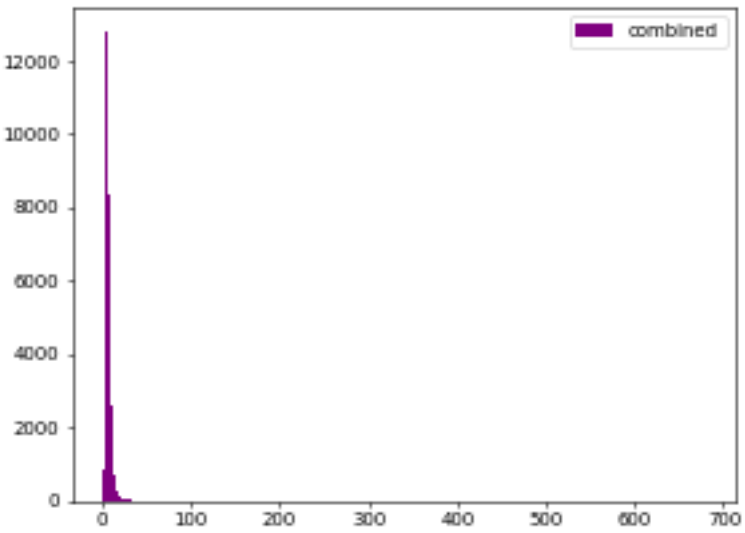

R0.4_all_filter_3_affine_sp0.1: Loss vs m1
Loss
m1
10^2
10^1
10^0
0
50
100
150
200
250
300


combined
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700


R0.4_all_filter_3_affine_sp0.1 m1 histogram
bg
sig
Num events
m1
10^3
10^2
10^1
10^0
0
100
200
300
400
500
600
700


R0.4_all_filter_3_affine_sp0.1: Loss vs MHt
Loss
MHt
10^2
10^1
10^0
1500
2000
2500
3000
3500


R0.4_all_filter_3_affine_sp0.1 Nj histogram without outliers
bg
sig
Num events
Nj
0
20
40
60
80
100


combined
12000
10000
8000
6000
4000
2000
0
0
100
200
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400
500
600
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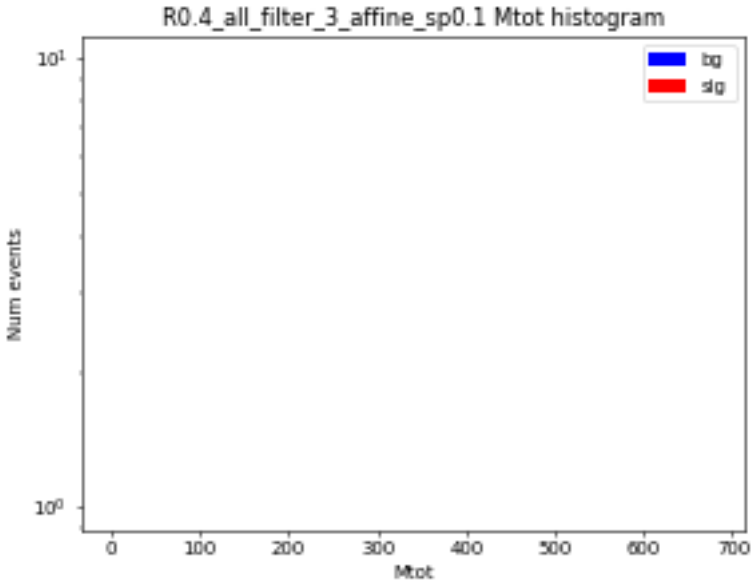
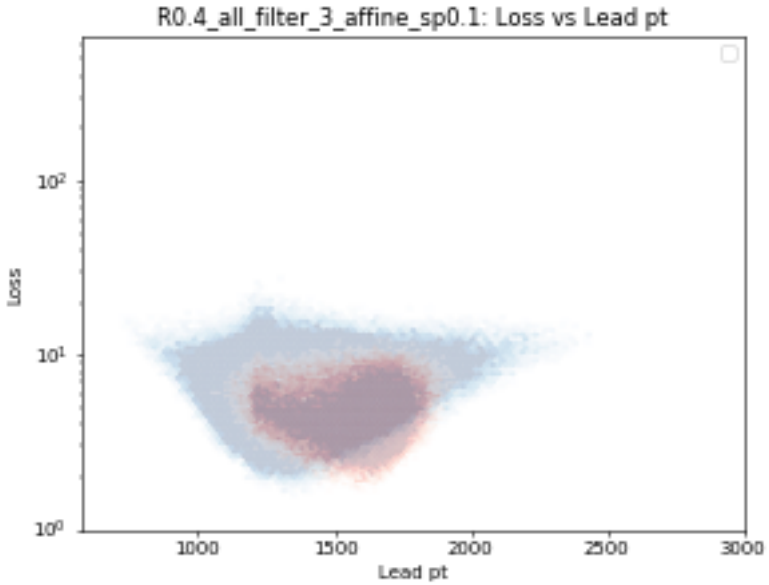
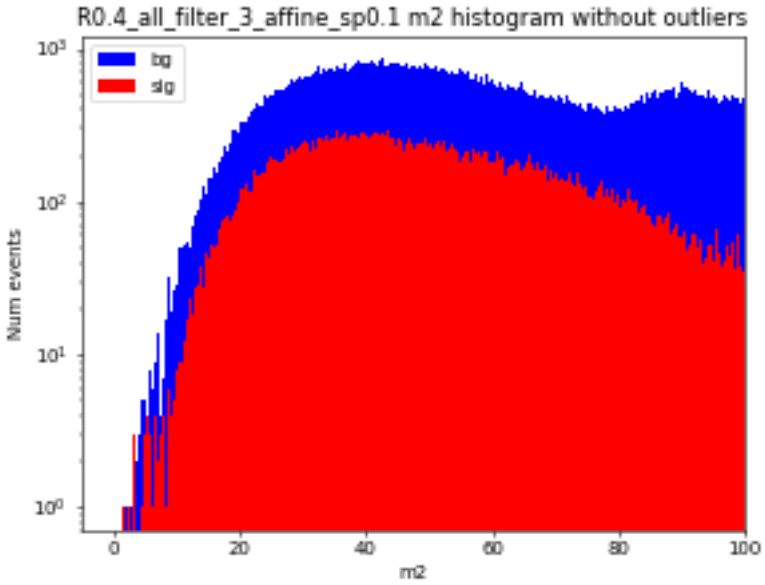
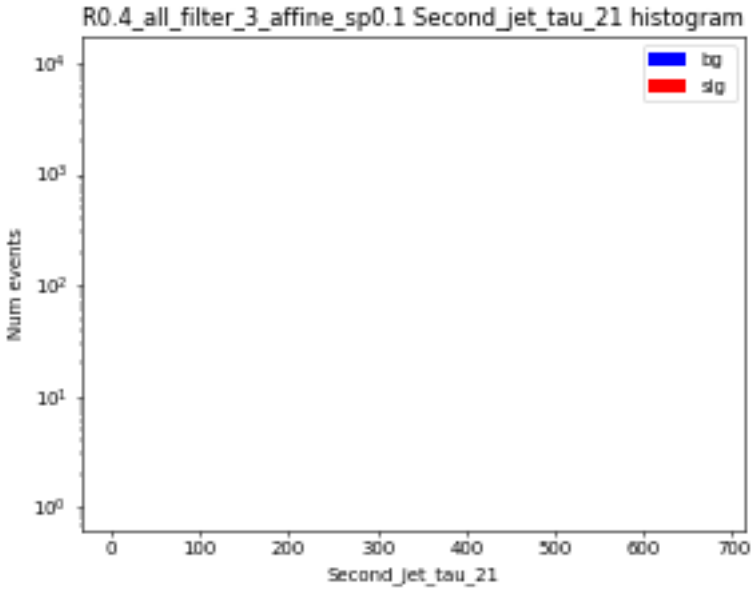
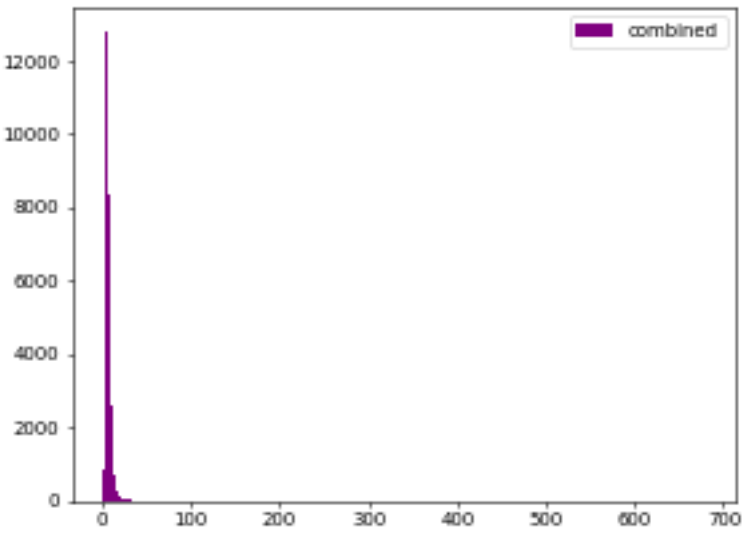
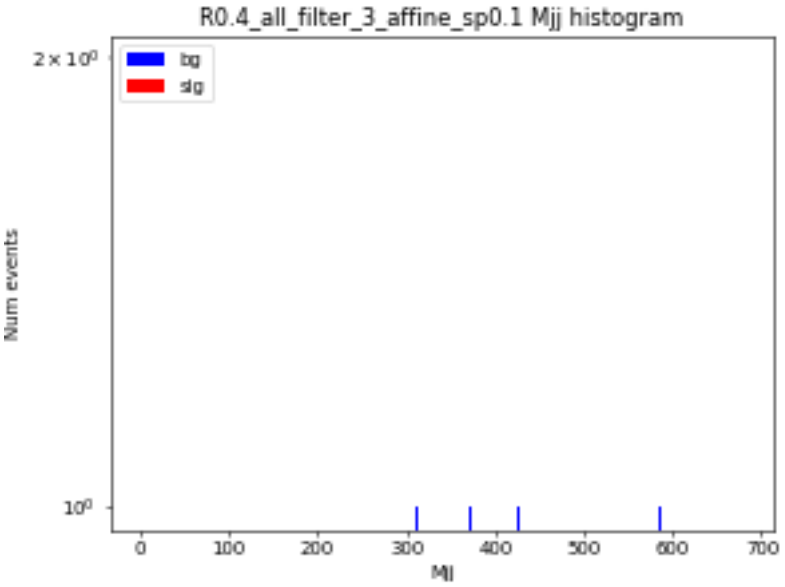

R0.4_all_filter_3_affine_sp0.1 Mtot histogram
bg
sig
Num events
10^1
10^0
0
100
200
300
400
500
600
700
Mtot

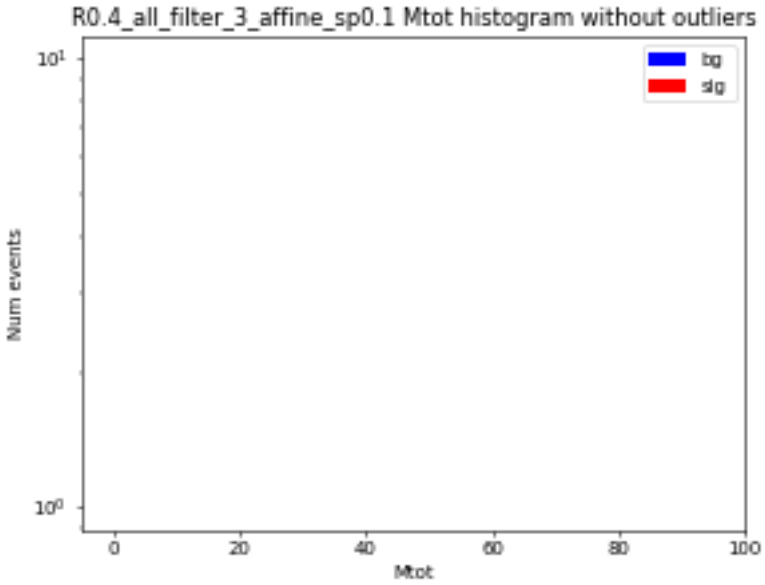

R0.4_all_filter_3_affine_sp0.1: Loss vs Lead pt
Loss
Lead pt
10^2
10^1
10^0
1000
1500
2000
2500
3000

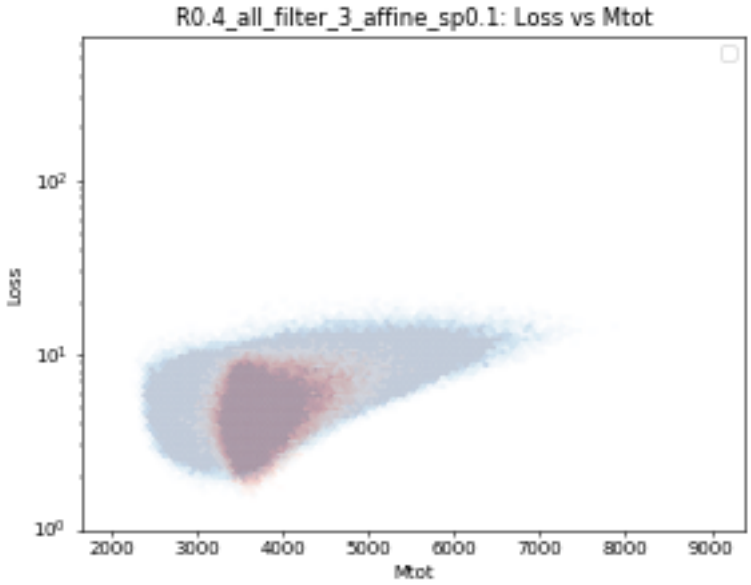

R0.4_all_filter_3_affine_sp0.1 m2 histogram without outliers
bg
sig
Num events
m2
10^3
10^2
10^1
10^0
0
20
40
60
80
100

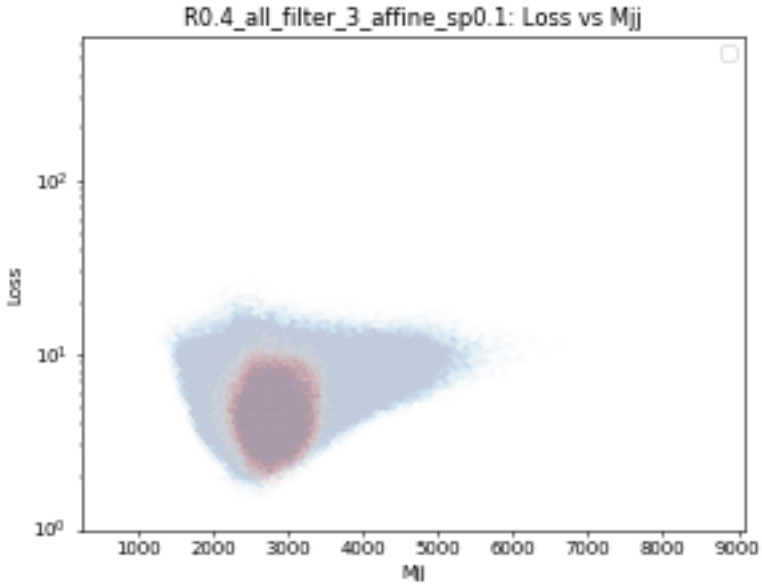

R0.4_all_filter_3_affine_sp0.1 Second_jet_tau_21 histogram
bg
sig
Num events
10^4
10^3
10^2
10^1
10^0
0
100
200
300
400
500
600
700
Second_jet_tau_21

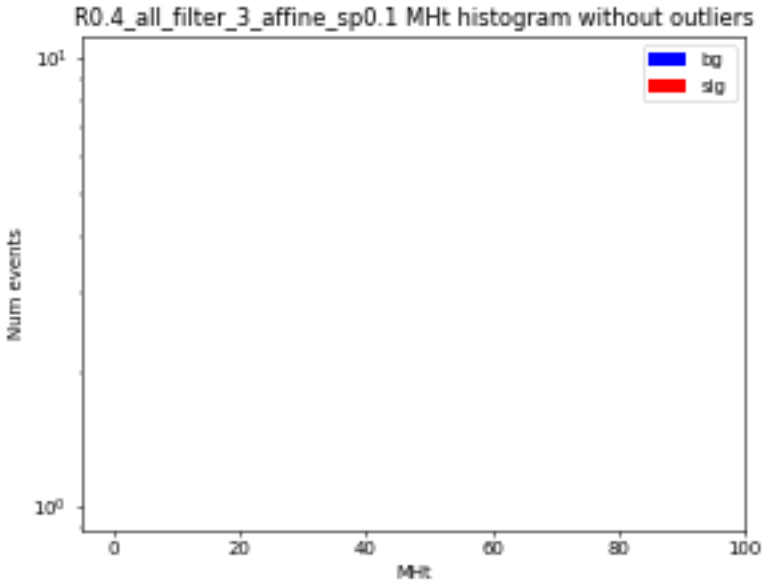

combined
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700

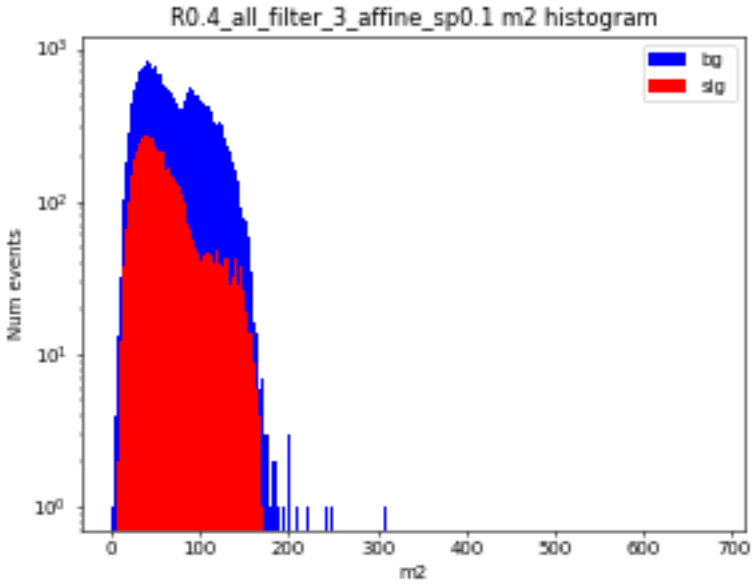

R0.4_all_filter_3_affine_sp0.1 Mjj histogram
bg
sig
2×10^0
10^0
Num events
0
100
200
300
400
500
600
700
Mjj

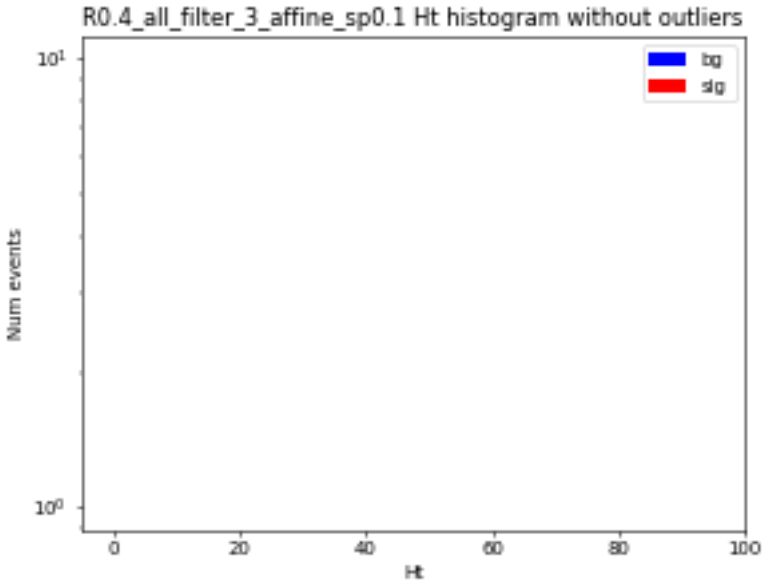

R0.4_all_filter_3_affine_sp0.1 Mtot histogram without outliers
bg
sig
Num events
10^1
10^0
0
20
40
60
80
100
Mtot

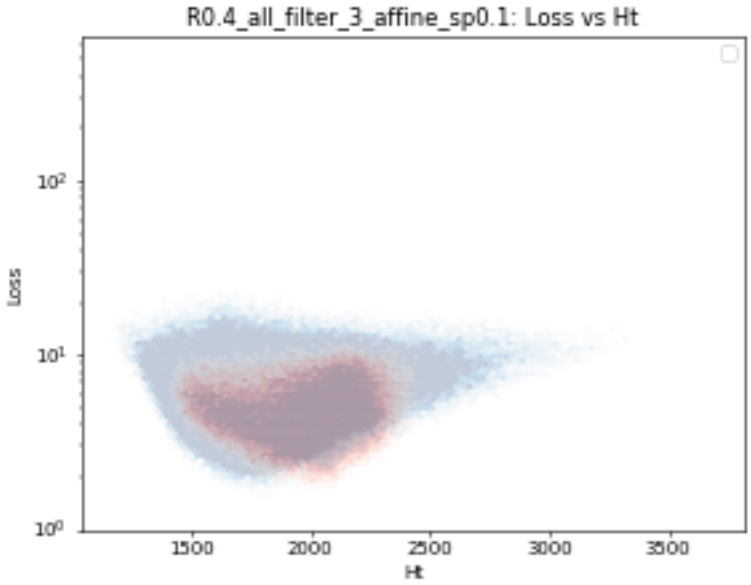

R0.4_all_filter_3_affine_sp0.1: Loss vs Mtot
Loss
Mtot
10^2
10^1
10^0
2000
3000
4000
5000
6000
7000
8000
9000

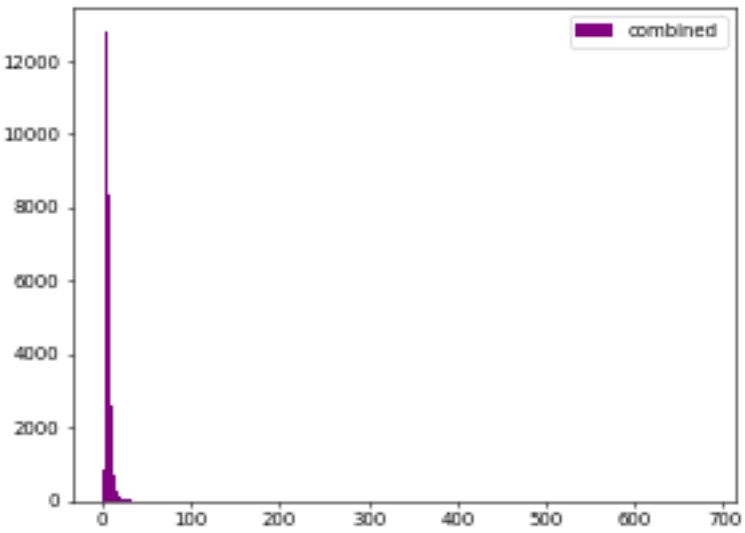

R0.4_all_filter_3_affine_sp0.1: Loss vs Mjj
Loss
Mjj
10^2
10^1
10^0
1000
2000
3000
4000
5000
6000
7000
8000
9000

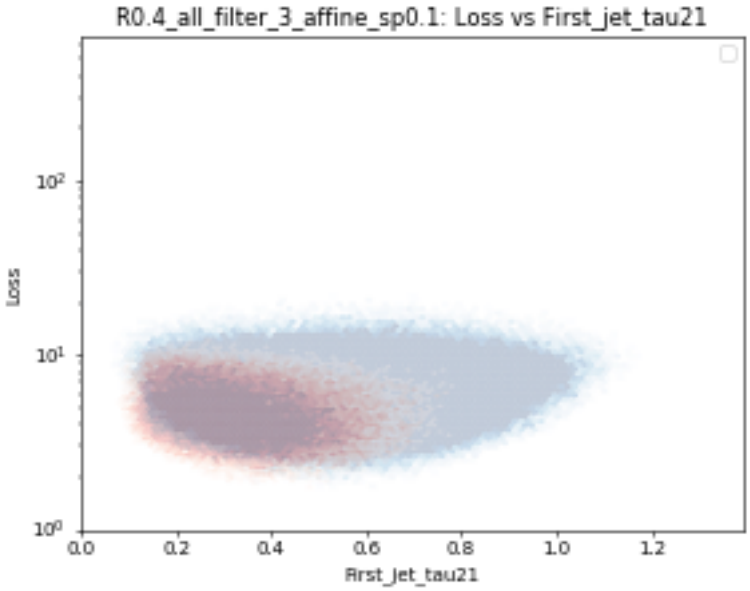

R0.4_all_filter_3_affine_sp0.1 MHt histogram without outliers
bg
sig
Num events
10^1
10^0
0
20
40
60
80
100
MHt

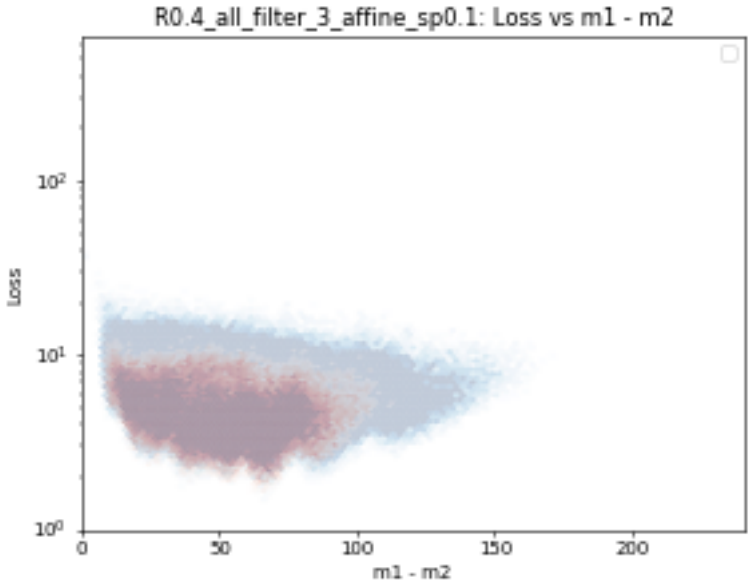

R0.4_all_filter_3_affine_sp0.1 m2 histogram
bg
sig
Num events
m2
10^3
10^2
10^1
10^0
0
100
200
300
400
500
600
700

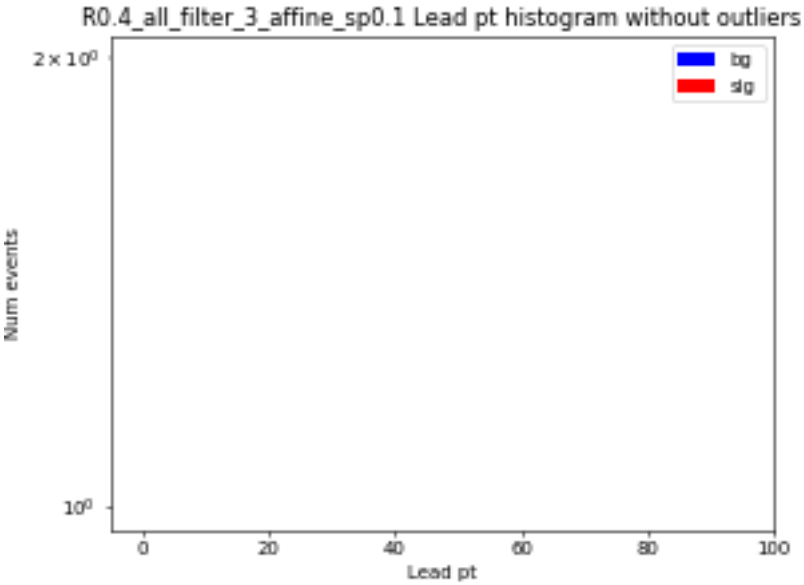

R0.4_all_filter_3_affine_sp0.1 Ht histogram without outliers
bg
sig
Num events
10^1
10^0
0
20
40
60
80
100
Ht

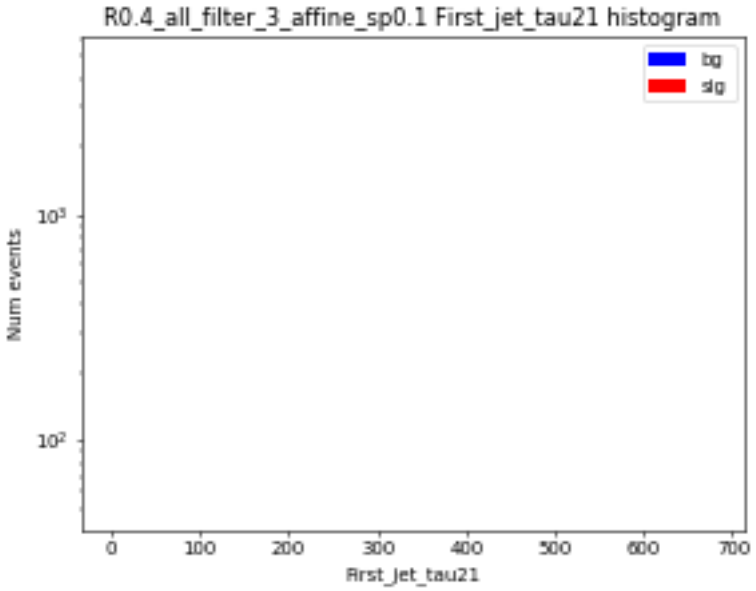

R0.4_all_filter_3_affine_sp0.1: Loss vs Ht
Loss
Ht
10^2
10^1
10^0
1500
2000
2500
3000
3500

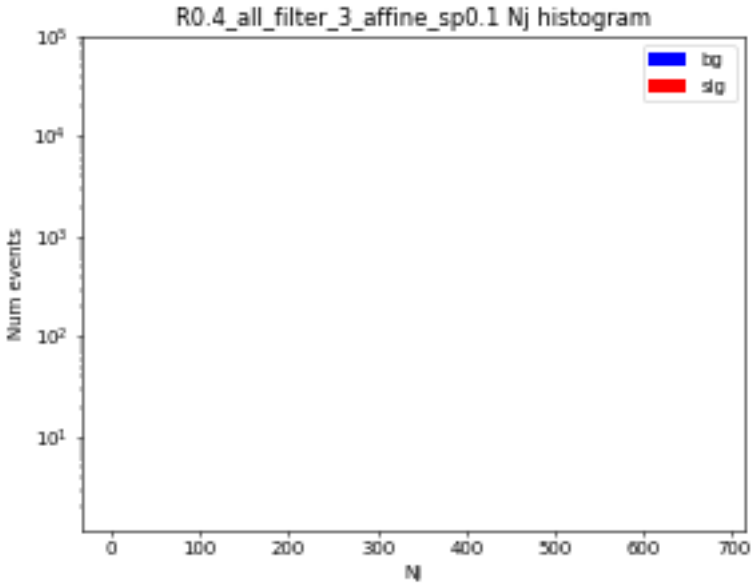

combined
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700

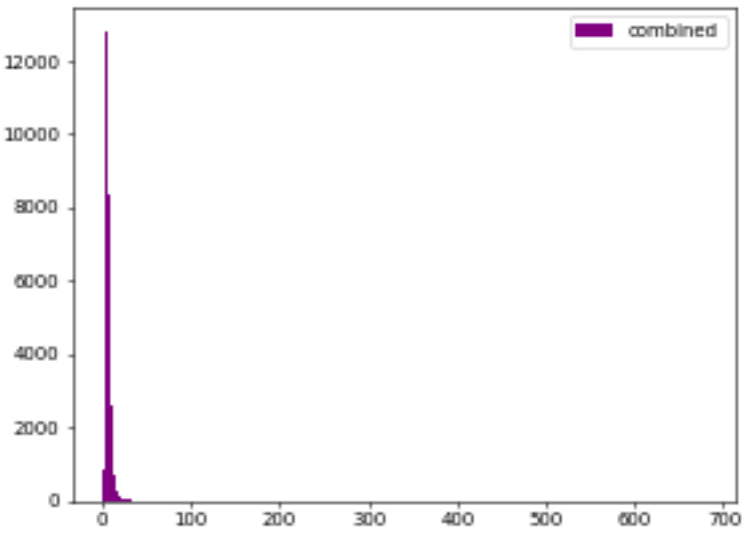

R0.4_all_filter_3_affine_sp0.1: Loss vs First_jet_tau21
Loss
10^2
10^1
10^0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
First_jet_tau21


R0.4_all_filter_3_affine_sp0.1: Loss vs m1 - m2
Loss
10^2
10^1
10^0
0
50
100
150
200
m1 - m2


R0.4_all_filter_3_affine_sp0.1 Lead pt histogram without outliers
bg
sig
2×10^0
10^0
Num events
0
20
40
60
80
100
Lead pt


R0.4_all_filter_3_affine_sp0.1 First_jet_tau21 histogram
bg
sig
Num events
10^3
10^2
0
100
200
300
400
500
600
700
First_jet_tau21


R0.4_all_filter_3_affine_sp0.1 Nj histogram
bg
sig
Num events
Nj
10^5
10^4
10^3
10^2
10^1
0
100
200
300
400
500
600
700


combined
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10000
8000
6000
4000
2000
0
0
100
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500
600
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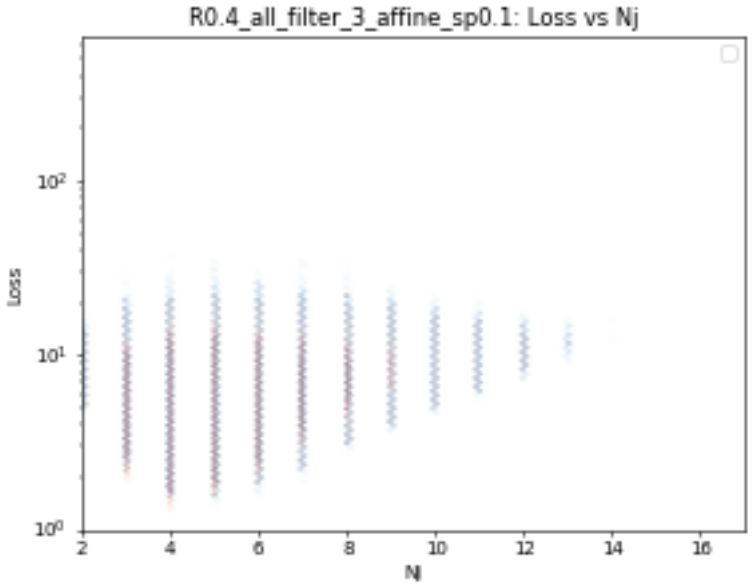
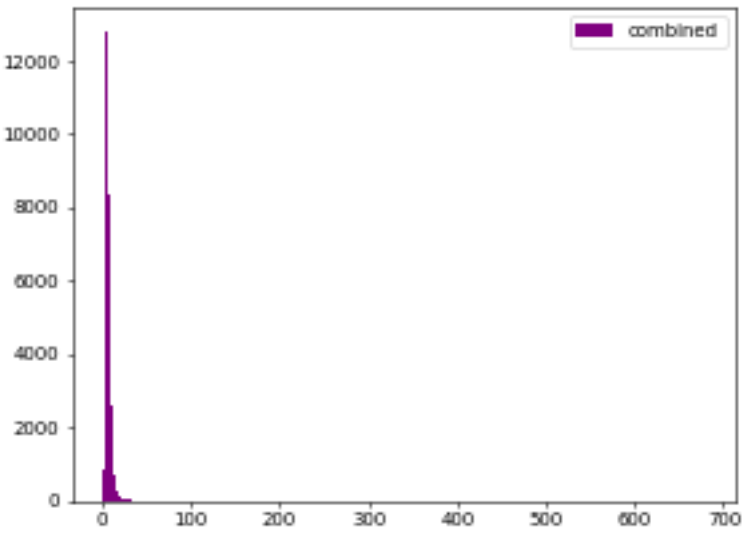

R0.4_all_filter_3_affine_sp0.1: Loss vs Nj
Loss
Nj
10^2
10^1
10^0
2
4
6
8
10
12
14
16


combined
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10000
8000
6000
4000
2000
0
0
100
200
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400
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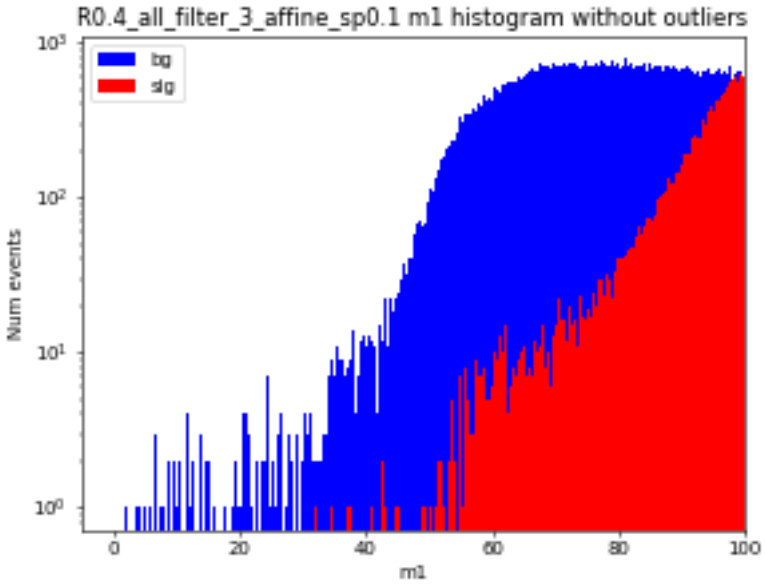
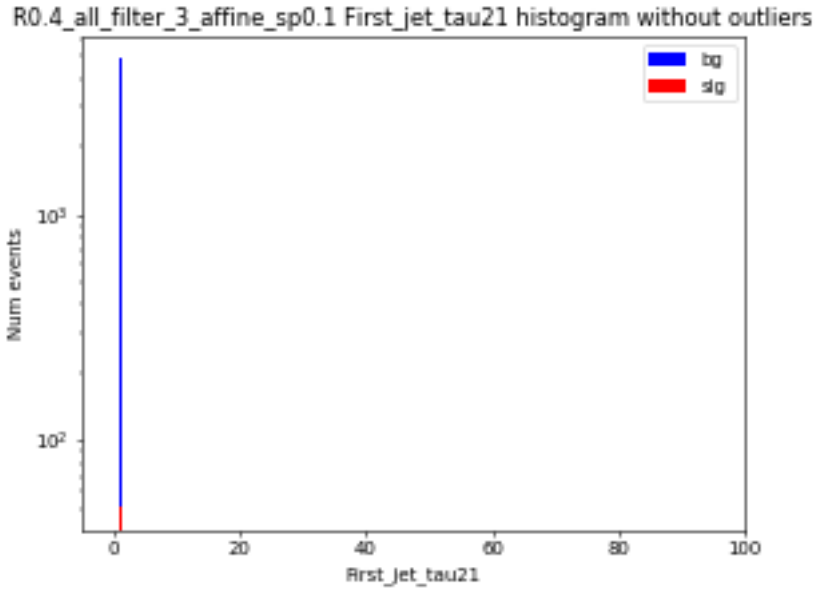
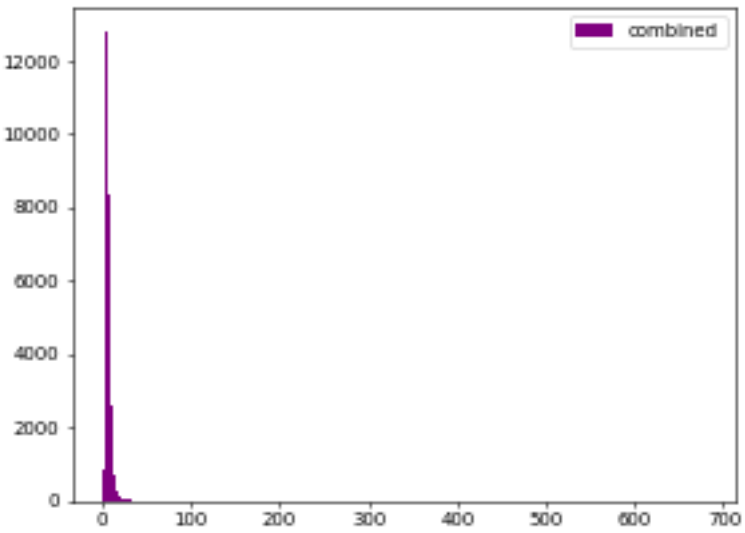
600
700


R0.4_all_filter_3_affine_sp0.1 m1 histogram without outliers
bg
sig
Num events
m1
10^3
10^2
10^1
10^0
0
20
40
60
80
100


R0.4_all_filter_3_affine_sp0.1 First_jet_tau21 histogram without outliers
bg
sig
Num events
10^3
10^2
0
20
40
60
80
100
First_jet_tau21


combined
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8000
6000
4000
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0
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600
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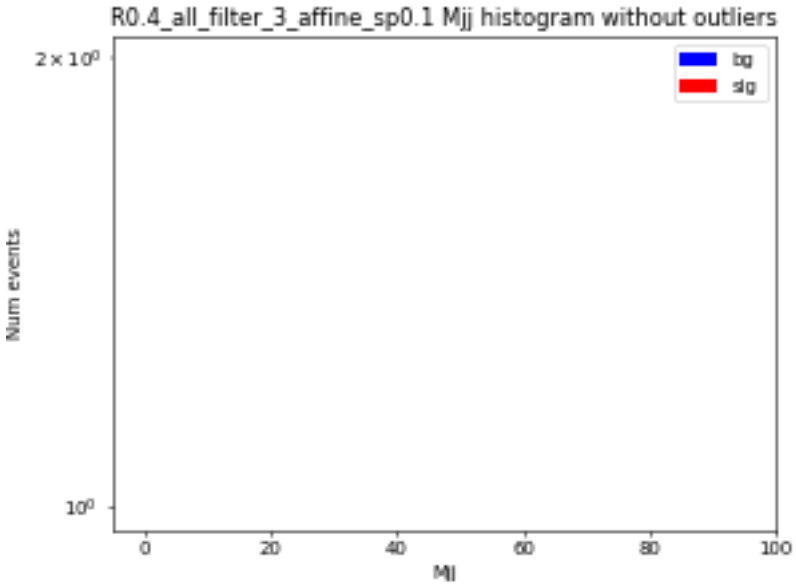
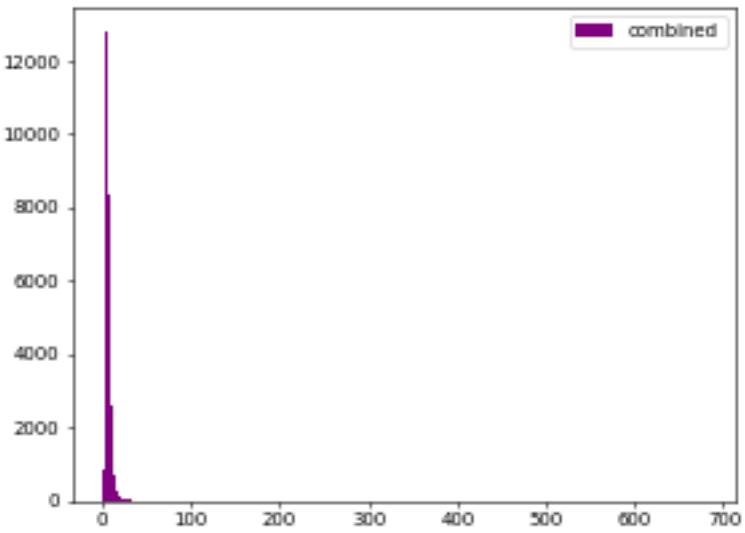

R0.4_all_filter_3_affine_sp0.1 Mjj histogram without outliers
bg
sig
2×10^0
10^0
Num events
0
20
40
60
80
100
Mjj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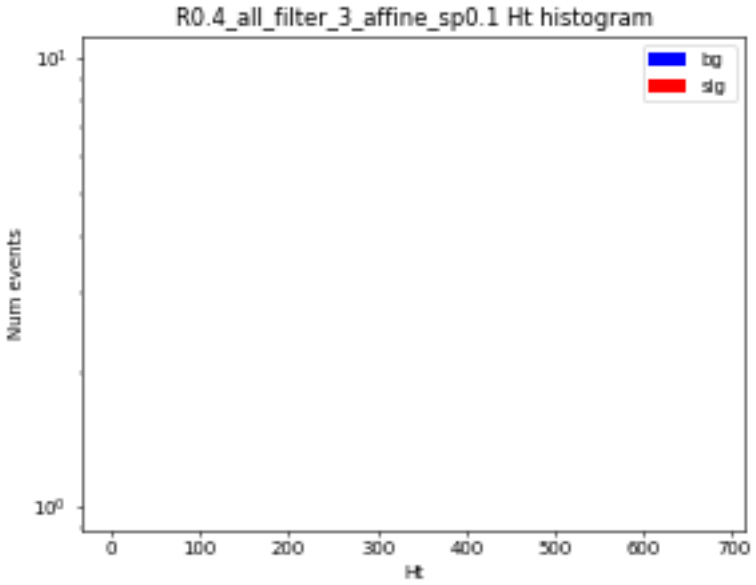
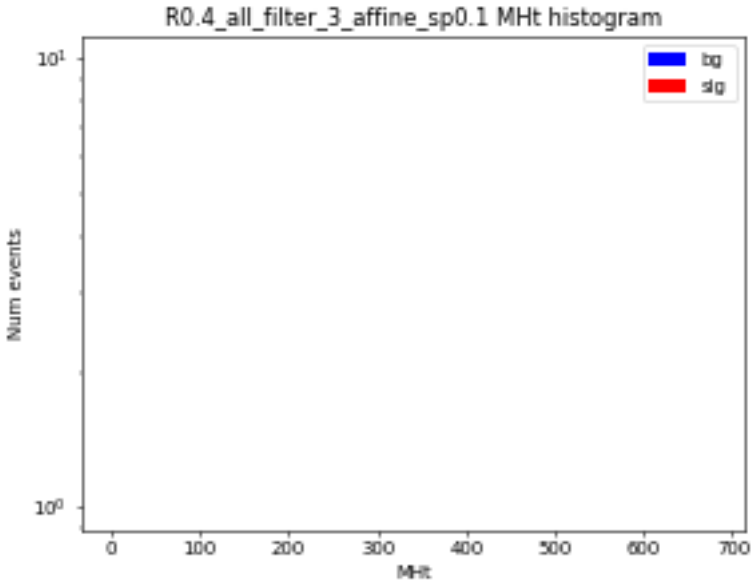
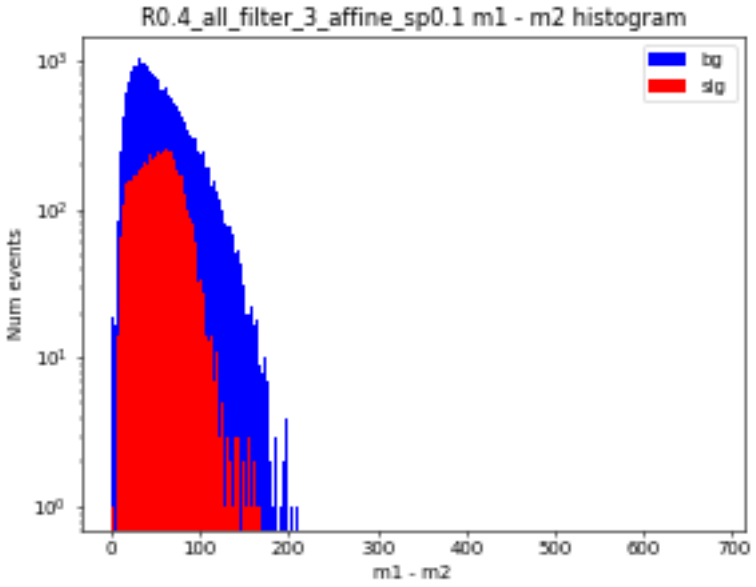
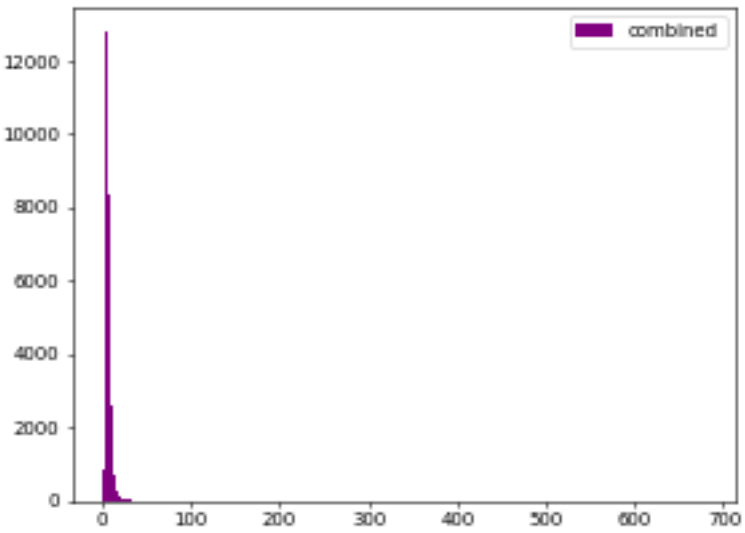

R0.4_all_filter_3_affine_sp0.1 Ht histogram
bg
sig
Num events
10^1
10^0
0
100
200
300
400
500
600
700
Ht


R0.4_all_filter_3_affine_sp0.1 MHt histogram
bg
sig
Num events
10^1
10^0
0
100
200
300
400
500
600
700
MHt


R0.4_all_filter_3_affine_sp0.1 m1 - m2 histogram
bg
sig
Num events
m1 - m2
0
100
200
300
400
500
600
700


combined
12000
10000
8000
6000
4000
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0
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600
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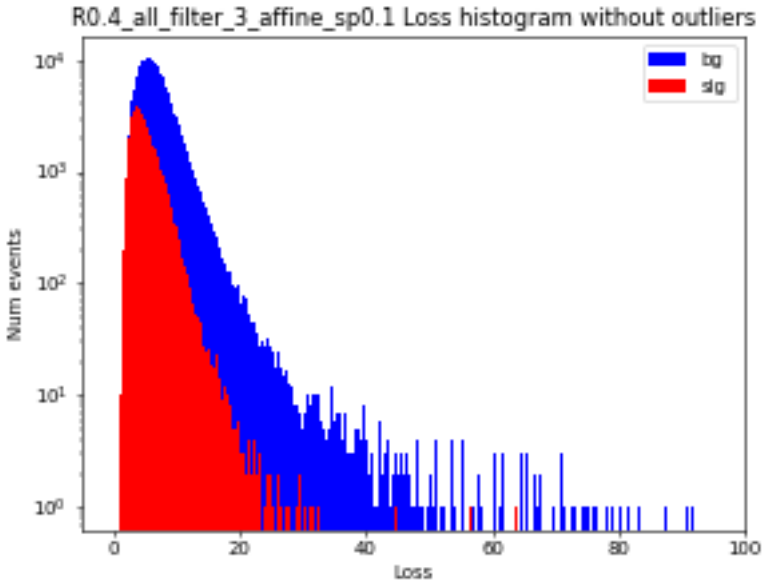
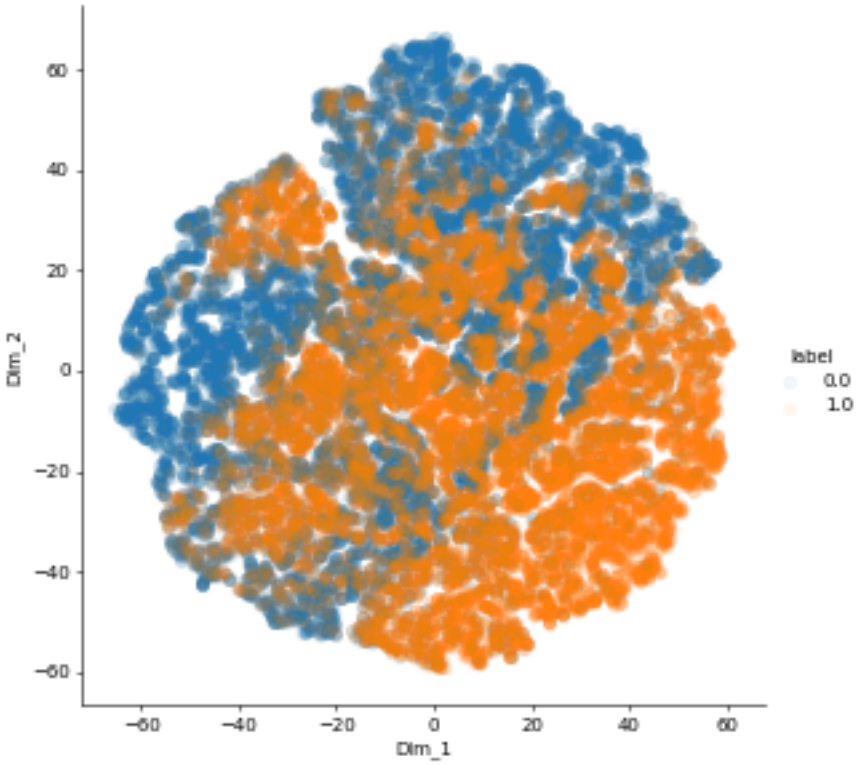
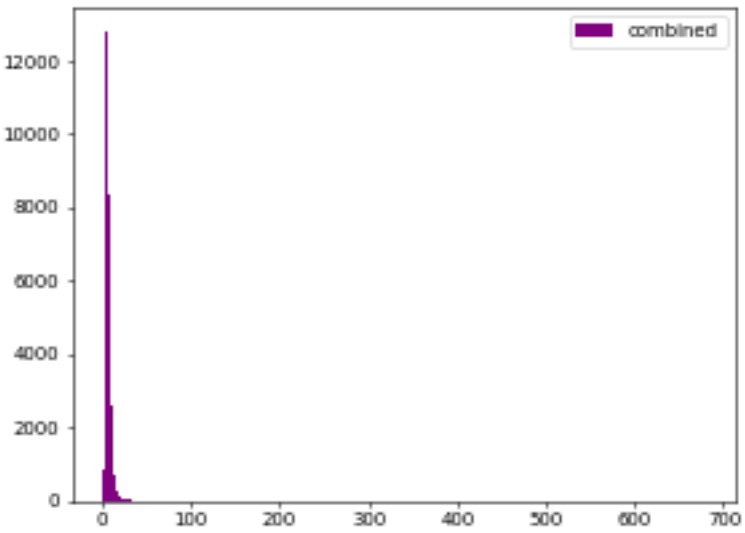
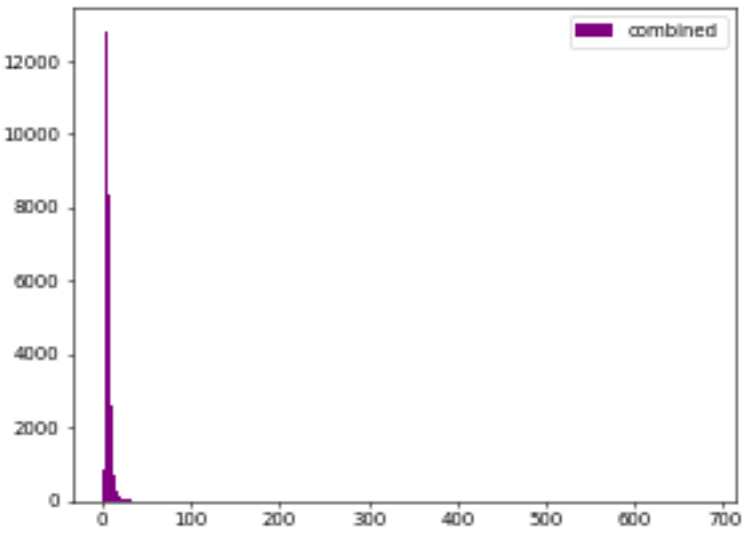
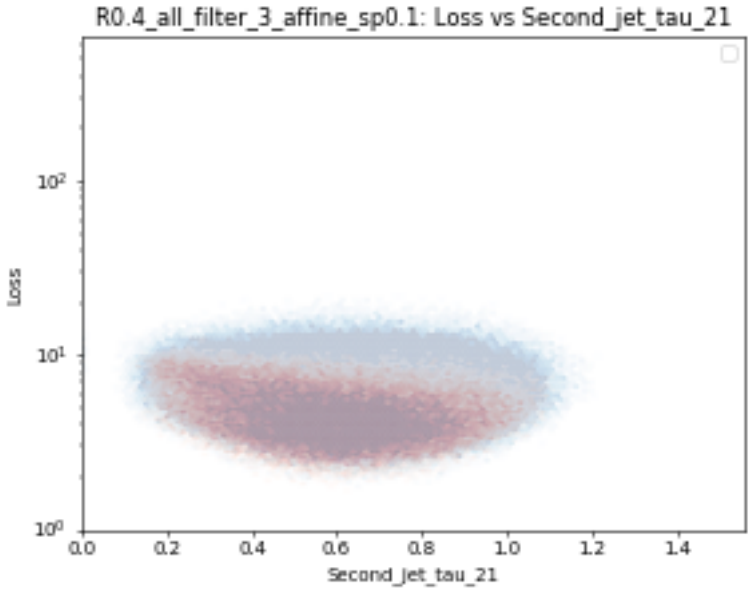
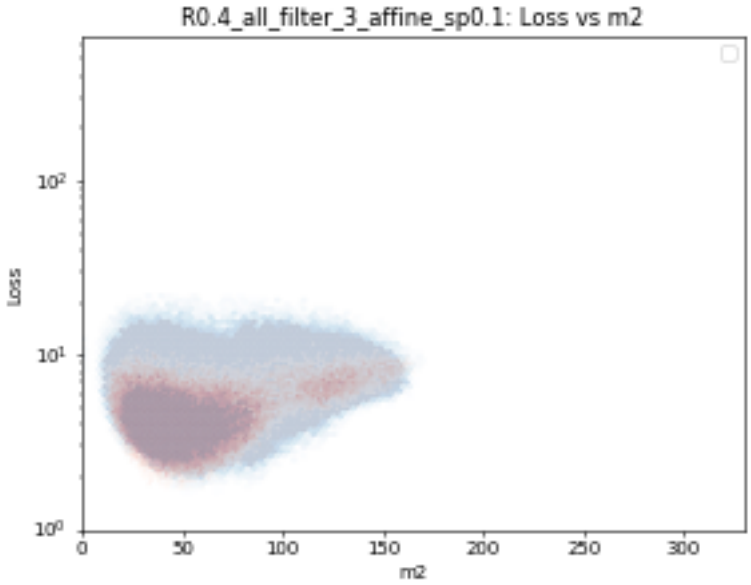

R0.4_all_filter_3_affine_sp0.1 Loss histogram without outliers
bg
sig
Num events
Loss
10^4
10^3
10^2
10^1
10^0
0
20
40
60
80
100

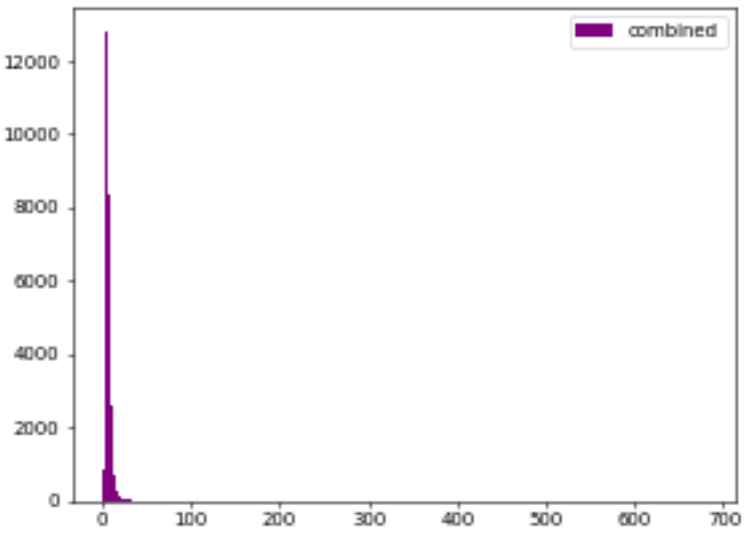

60
40
20
0
−20
−40
−60
Dim_2
−60
−40
−20
0
20
40
60
Dim_1
label
0.0
1.0

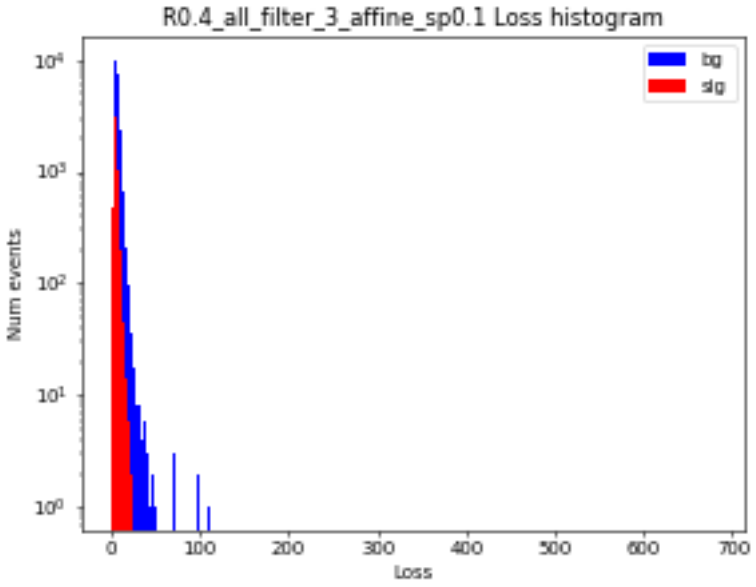

combined
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700


combined
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700

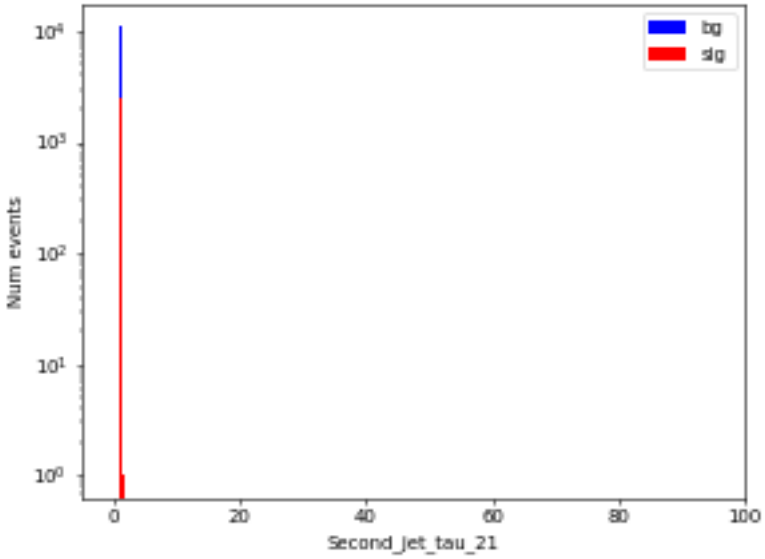

R0.4_all_filter_3_affine_sp0.1: Loss vs Second_jet_tau_21
Loss
10^2
10^1
10^0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Second_jet_tau_21

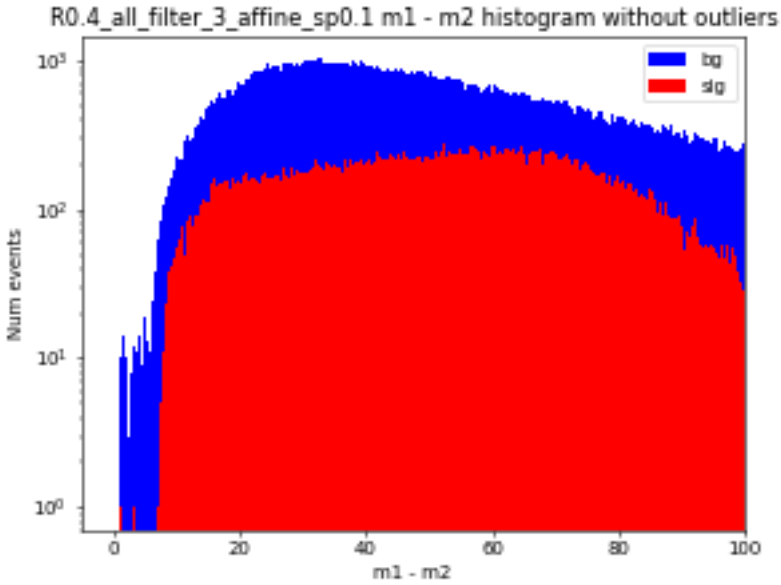

R0.4_all_filter_3_affine_sp0.1: Loss vs m2
Loss
m2
10^2
10^1
10^0
0
50
100
150
200
250
300


combined
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700


R0.4_all_filter_3_affine_sp0.1 Loss histogram
bg
sig
Num events
Loss
10^4
10^3
10^2
10^1
10^0
0
100
200
300
400
500
600
700

R0.4_all_filter_3_affine_sp0.1 Second_jet_tau_21 histogram without outliers




R0.4_all_filter_3_affine_sp0.1 m1 - m2 histogram without outliers
bg
sig
Num events
m1 - m2
10^3
10^2
10^1
10^0
0
20
40
60
80
100