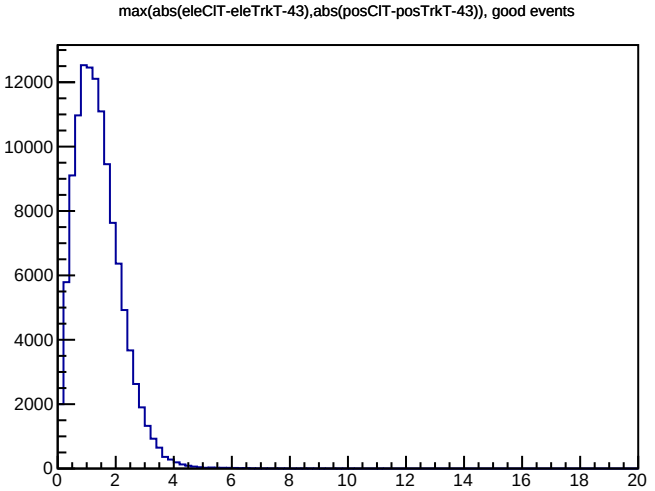
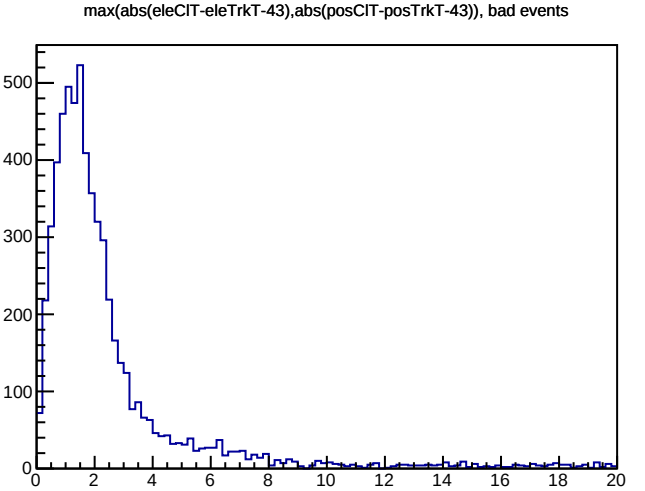
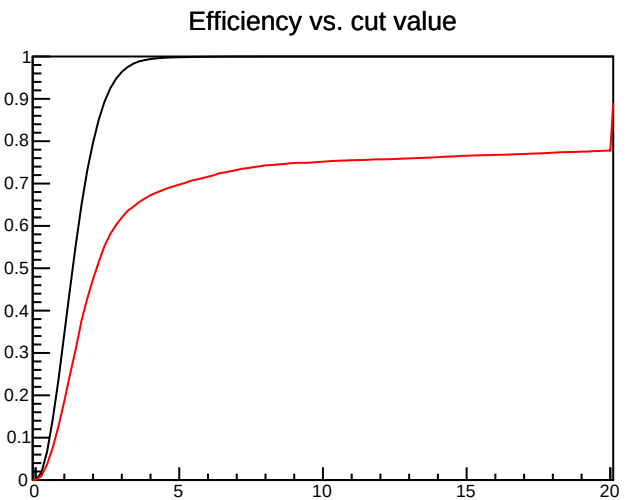
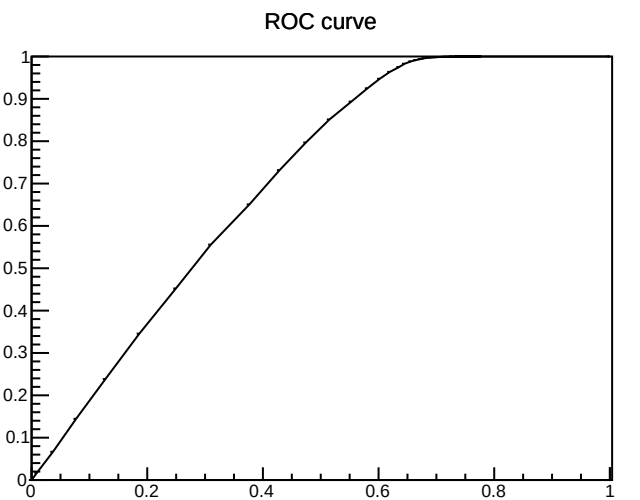
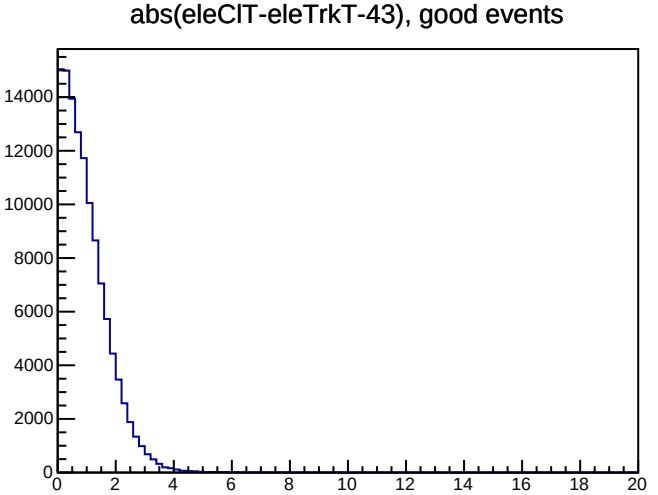
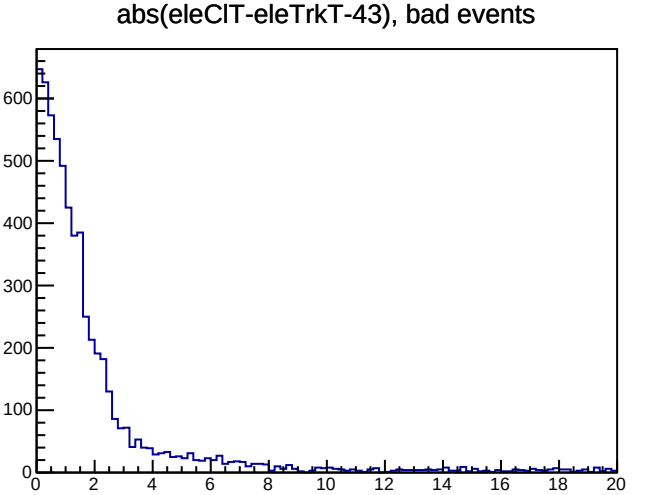

max(abs(eleCIT-eleTrkT-43),abs(posCIT-posTrkT-43)), good events
12000
10000
8000
6000
4000
2000
0
0
2
4
6
8
10
12
14
16
18
20

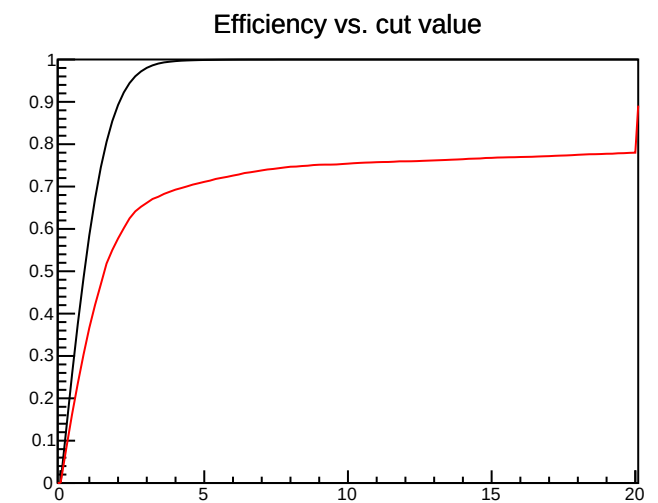

max(abs(eleCIT-eleTrkT-43),abs(posCIT-posTrkT-43)), bad events
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20

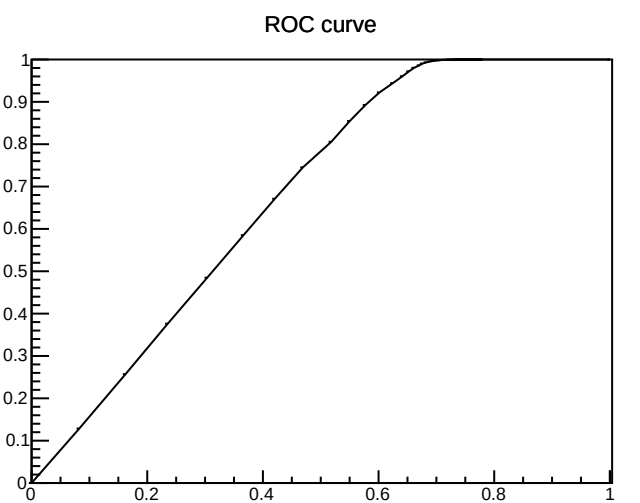

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20

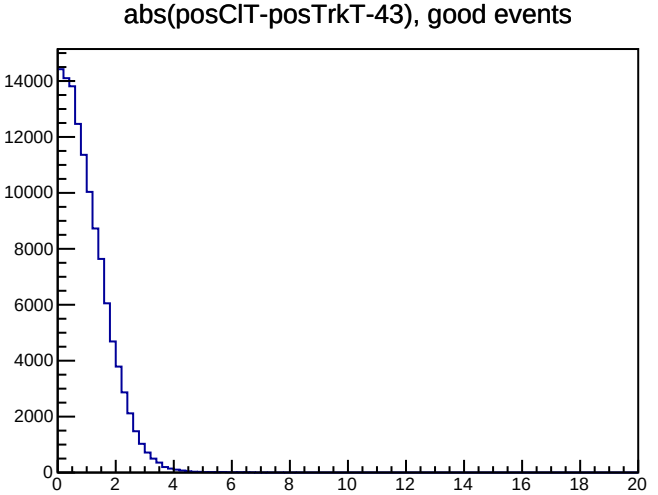

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

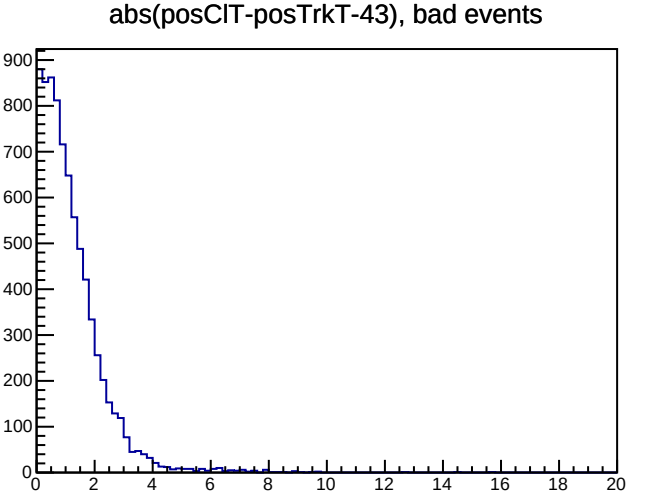

abs(eleClT-eleTrkT-43), good events
14000
12000
10000
8000
6000
4000
2000
0
0
2
4
6
8
10
12
14
16
18
20

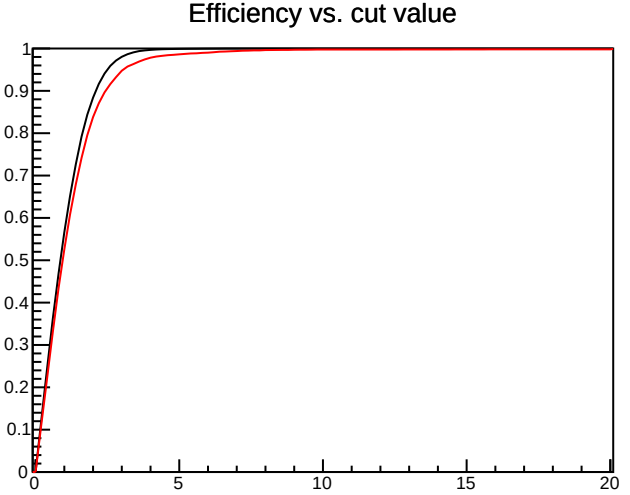

abs(eleClT-eleTrkT-43), bad events
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20

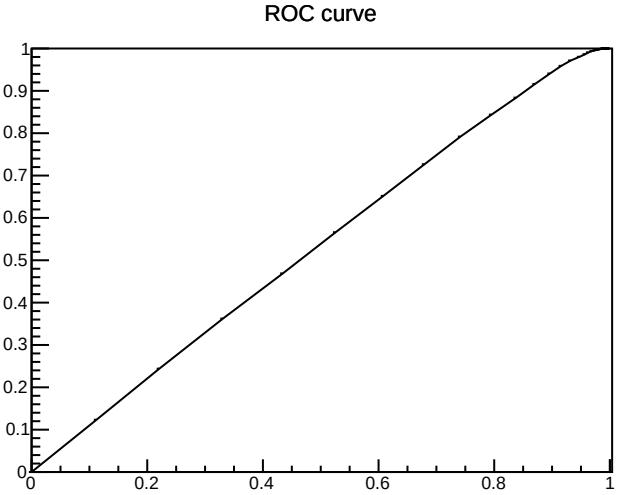

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20

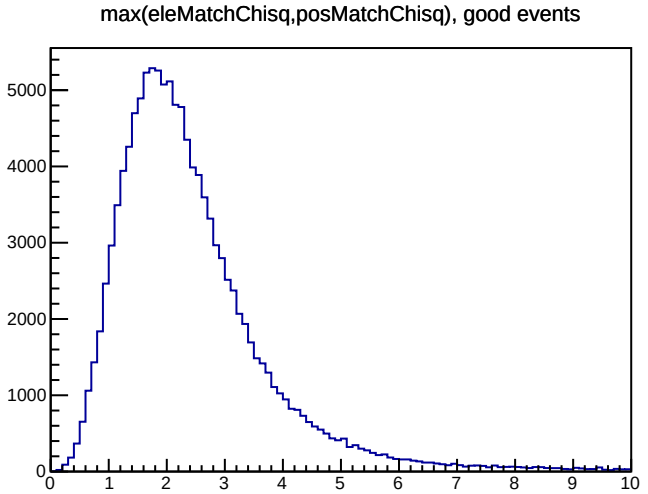

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

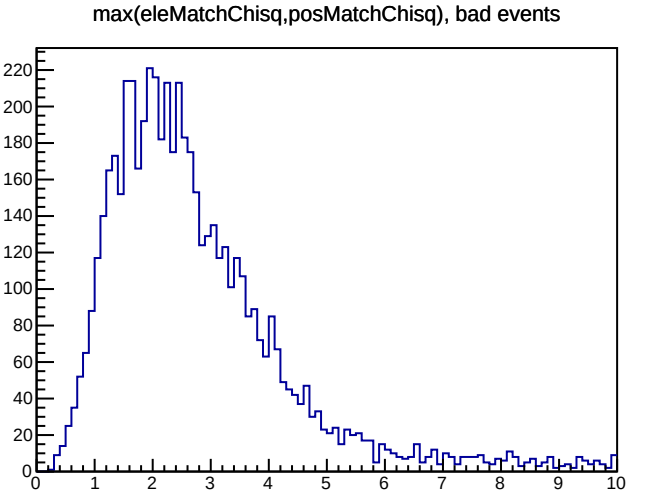

abs(posClT-posTrkT-43), good events
14000
12000
10000
8000
6000
4000
2000
0
0 2 4 6 8 10 12 14 16 18 20

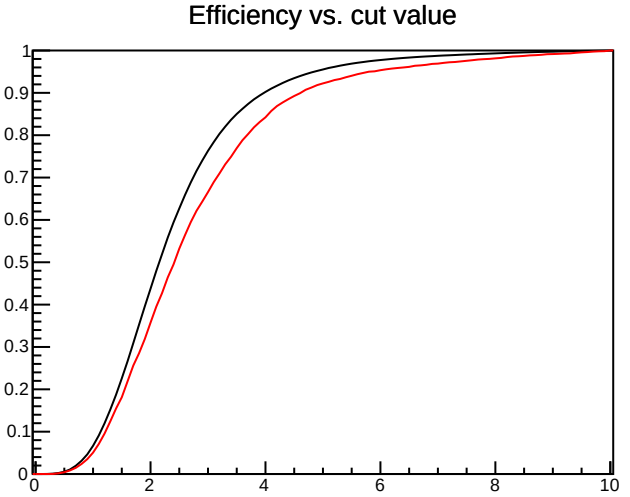

abs(posClT-posTrkT-43), bad events
900
800
700
600
500
400
300
200
100
0
0 2 4 6 8 10 12 14 16 18 20

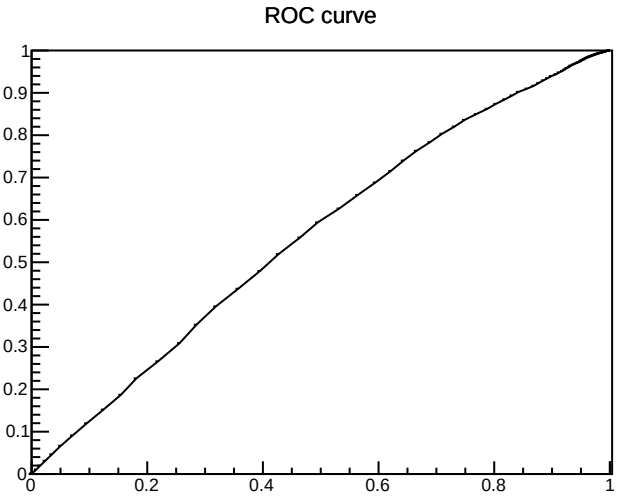

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 5 10 15 20


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

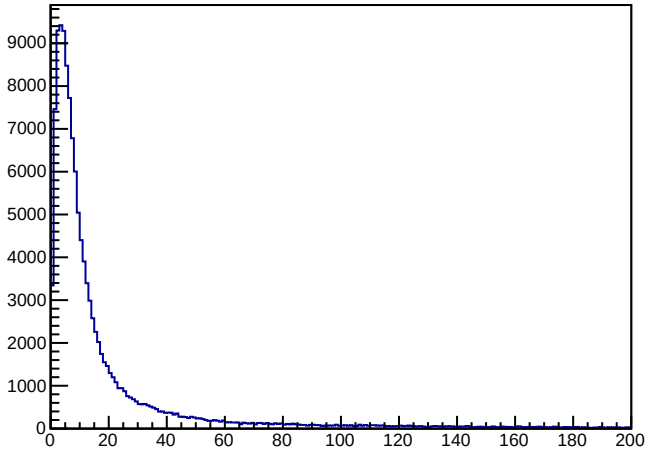

max(eleMatchChisq,posMatchChisq), good events
5000
4000
3000
2000
1000
0
0 1 2 3 4 5 6 7 8 9 10


max(eleMatchChisq,posMatchChisq), bad events
220
200
180
160
140
120
100
80
60
40
20
0
0 1 2 3 4 5 6 7 8 9 10

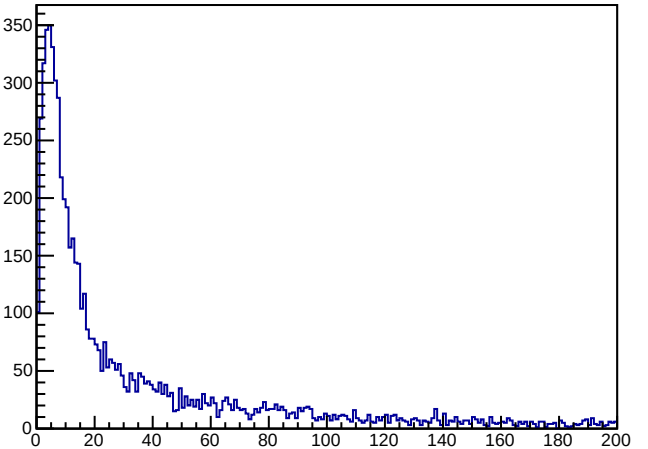

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 2 4 6 8 10


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

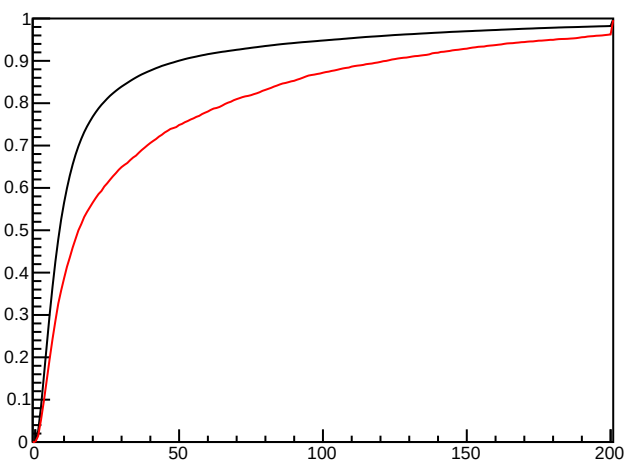
tarChisq, good events



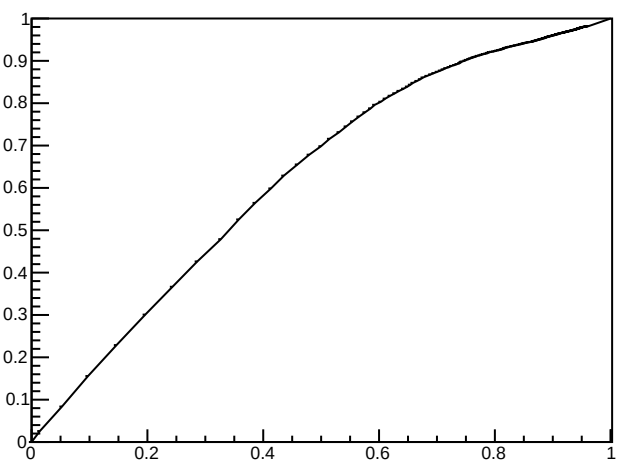
tarChisq, bad events



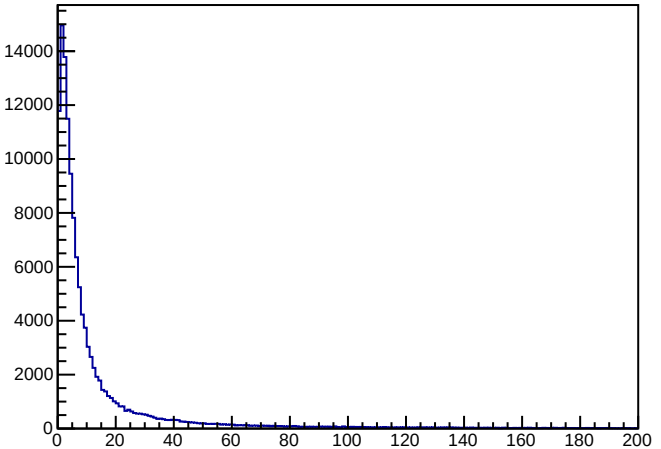
Efficiency vs. cut value



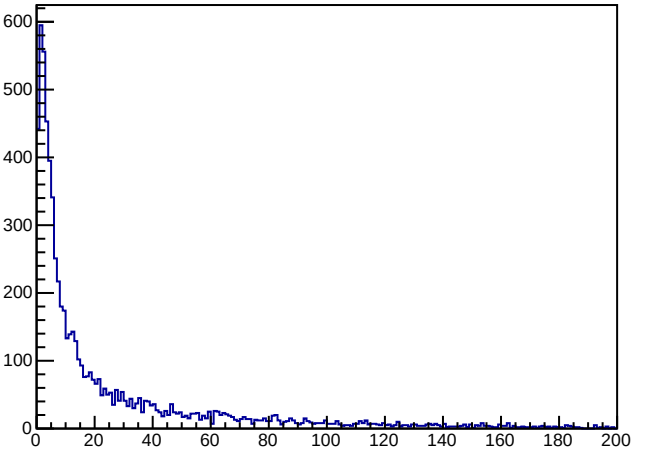
ROC curve



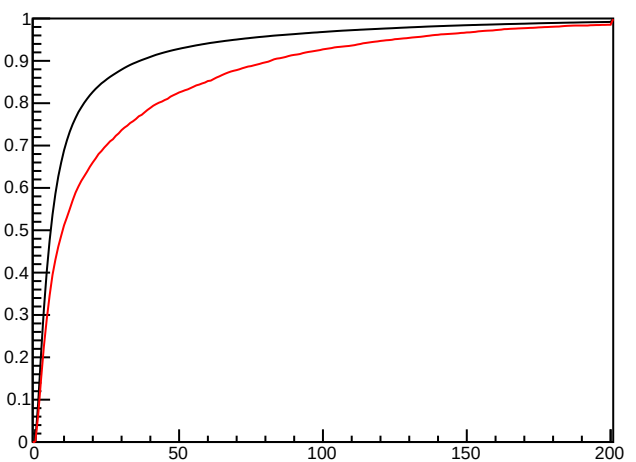
bscChisq, good events



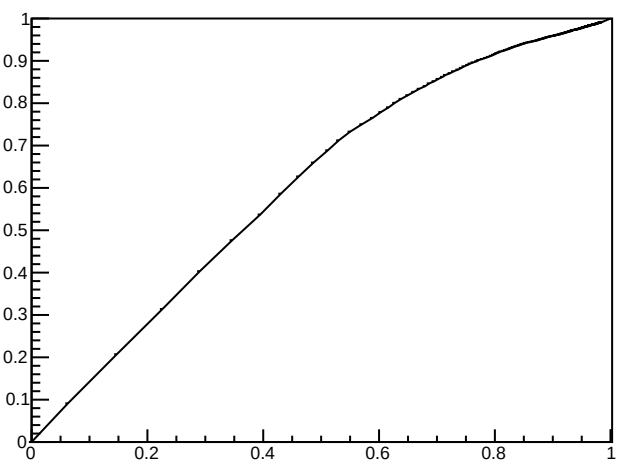
bscChisq, bad events



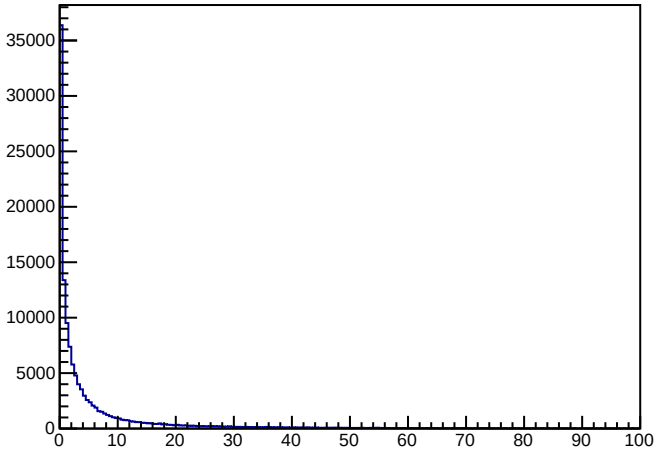
Efficiency vs. cut value



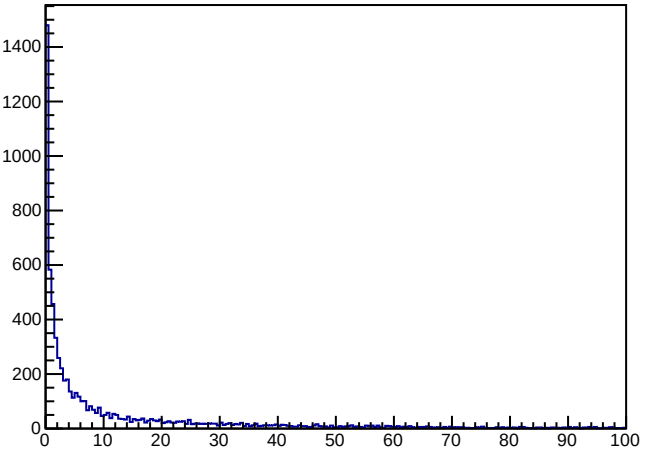
ROC curve



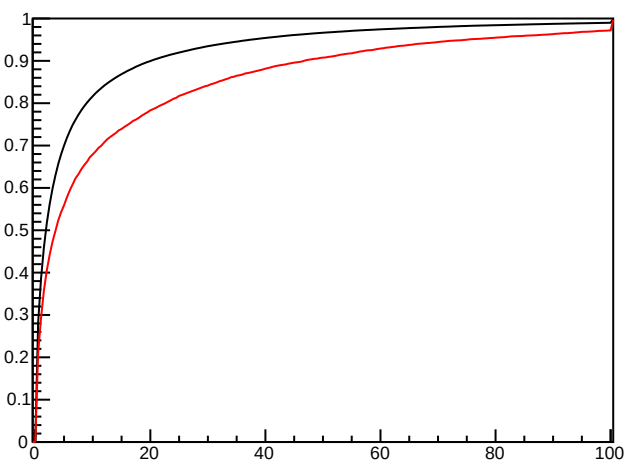
uncChisq, good events



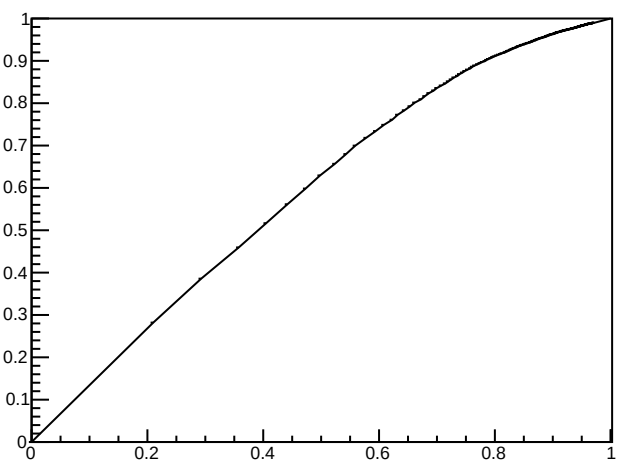
uncChisq, bad events

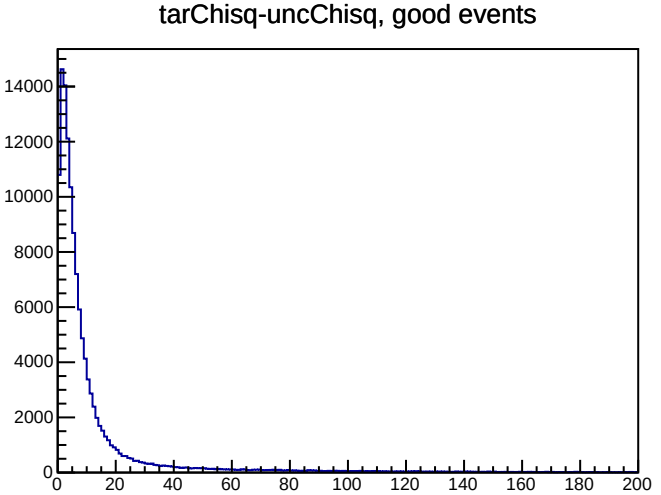


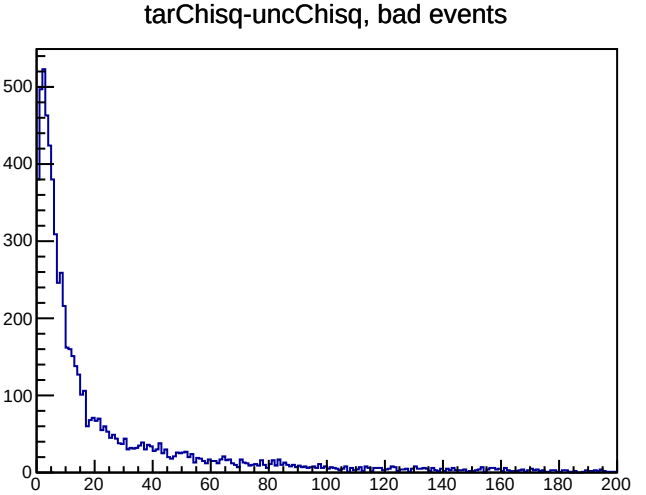
Efficiency vs. cut value

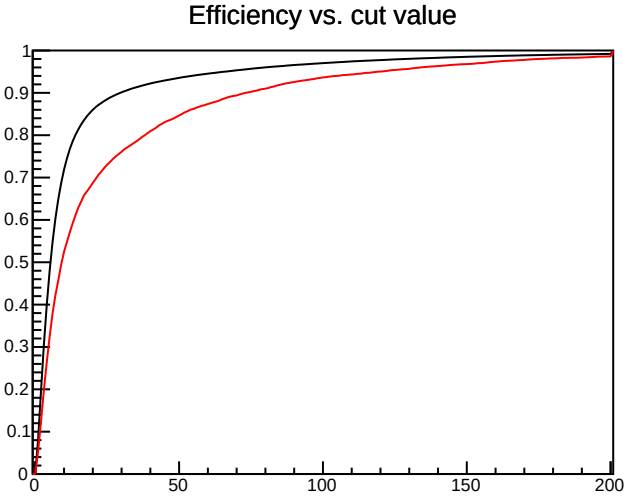


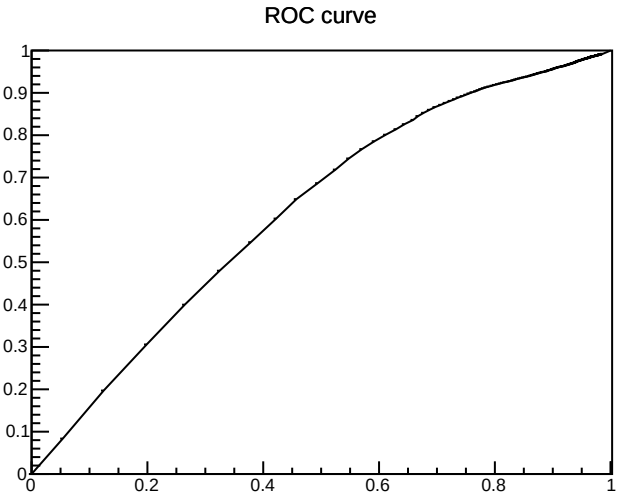
ROC curve

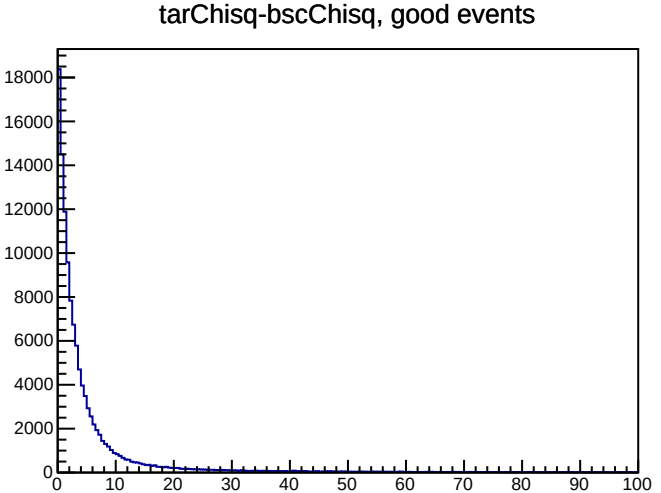


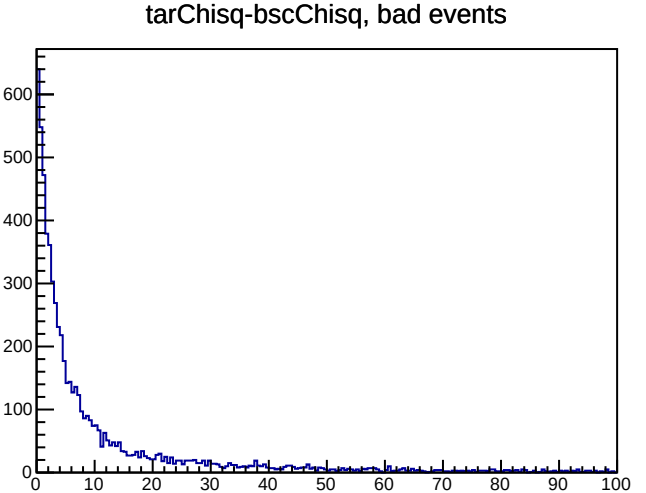

tarChisq-uncChisq, good events
14000
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
200

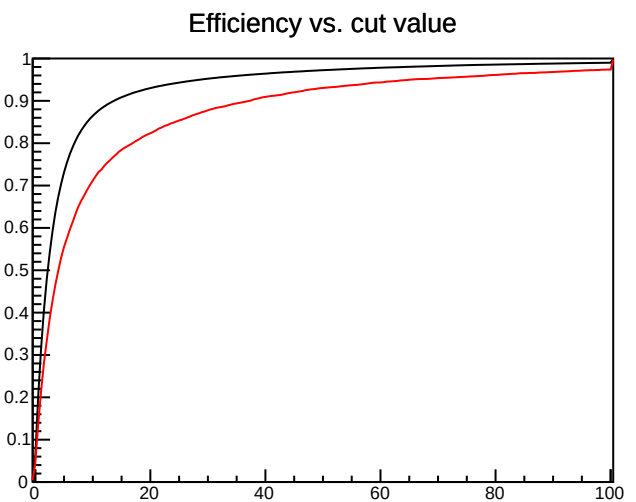

tarChisq-uncChisq, bad events
500
400
300
200
100
0
0
20
40
60
80
100
120
140
160
180
200

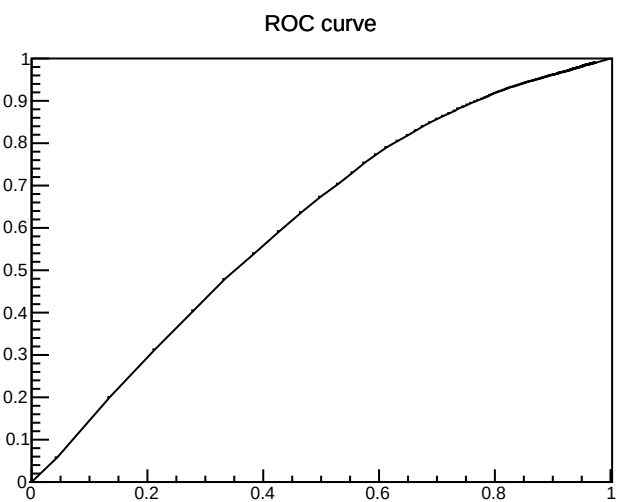

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200

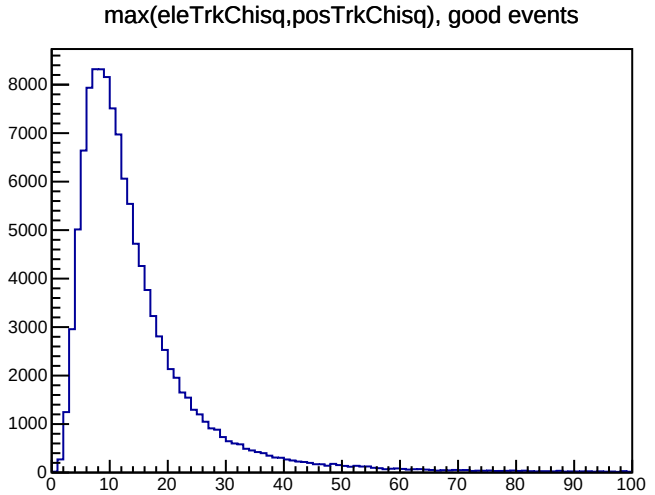

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

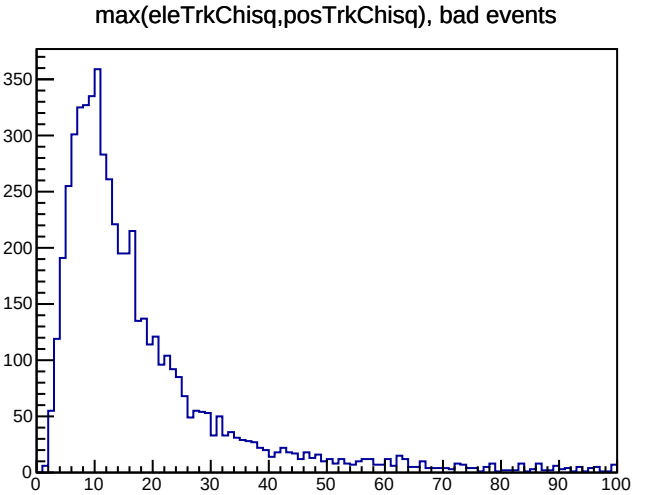

tarChisq-bscChisq, good events
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0 10 20 30 40 50 60 70 80 90 100

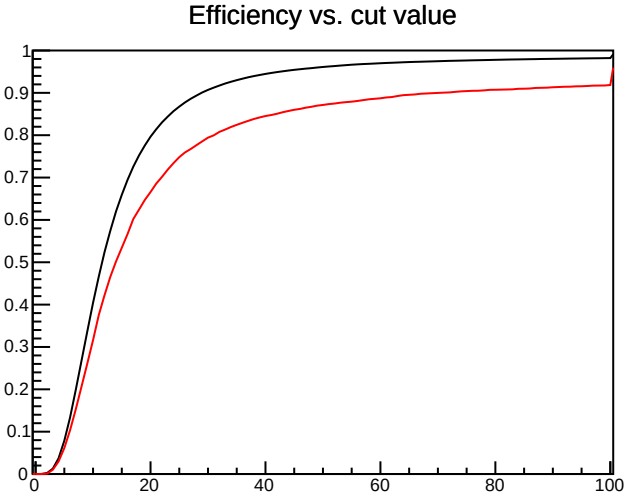

tarChisq-bscChisq, bad events
600
500
400
300
200
100
0
0 10 20 30 40 50 60 70 80 90 100

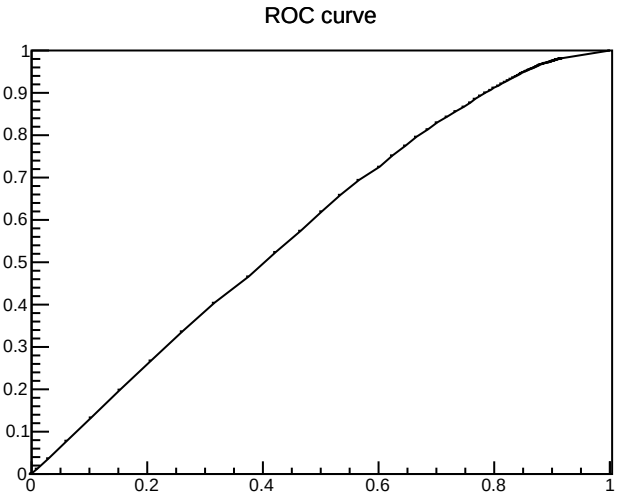

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 20 40 60 80 100


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

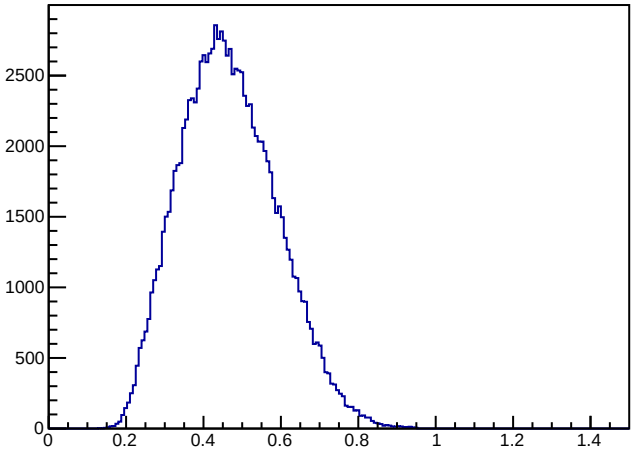

max(eleTrkChisq,posTrkChisq), good events
8000
7000
6000
5000
4000
3000
2000
1000
0
0
10
20
30
40
50
60
70
80
90
100


max(eleTrkChisq,posTrkChisq), bad events
350
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
90
100

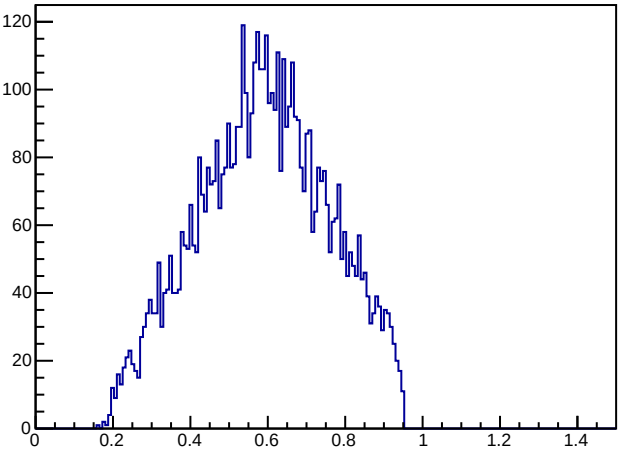

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

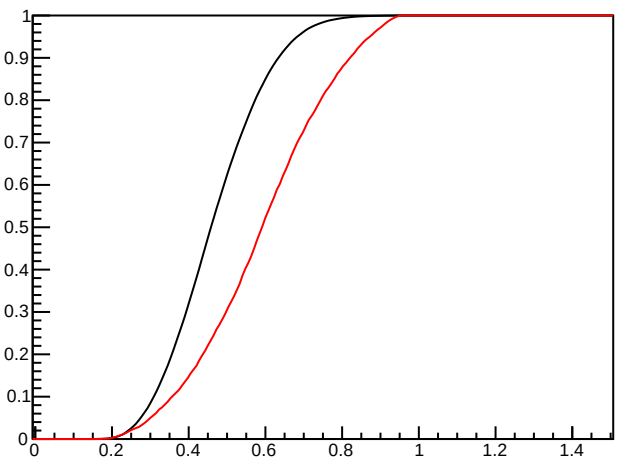
eleP, good events



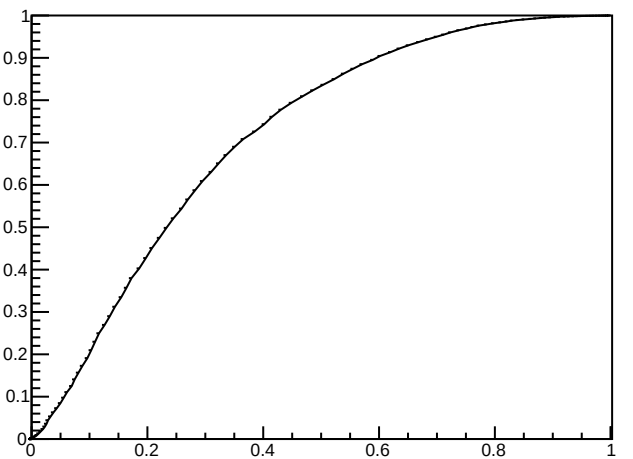
eleP, bad events

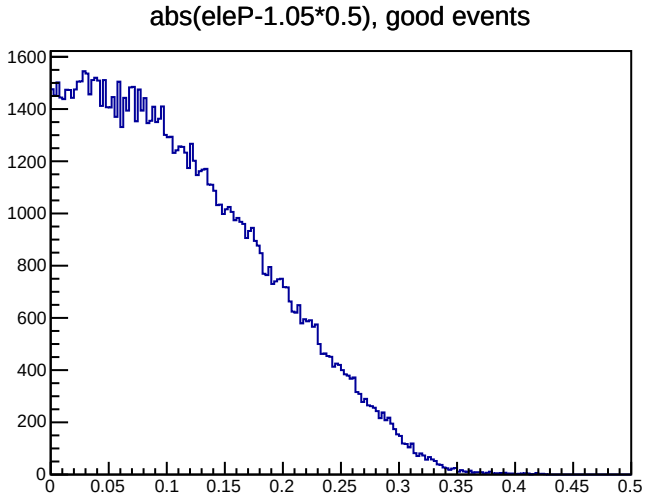


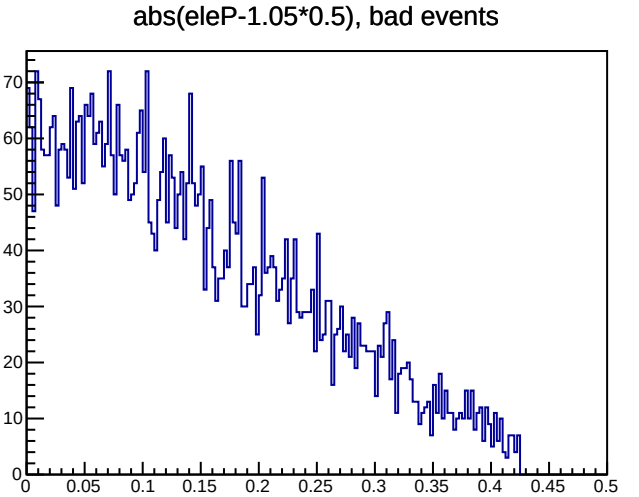
Efficiency vs. cut value

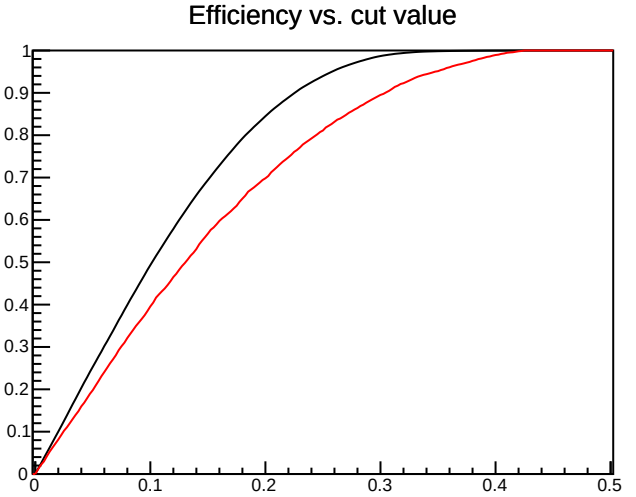


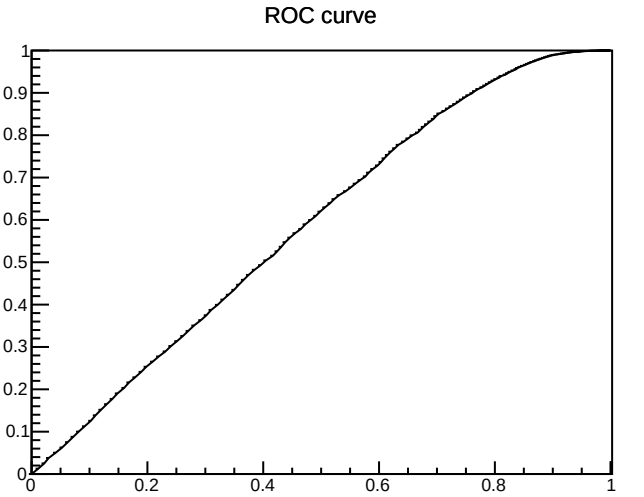
ROC curve



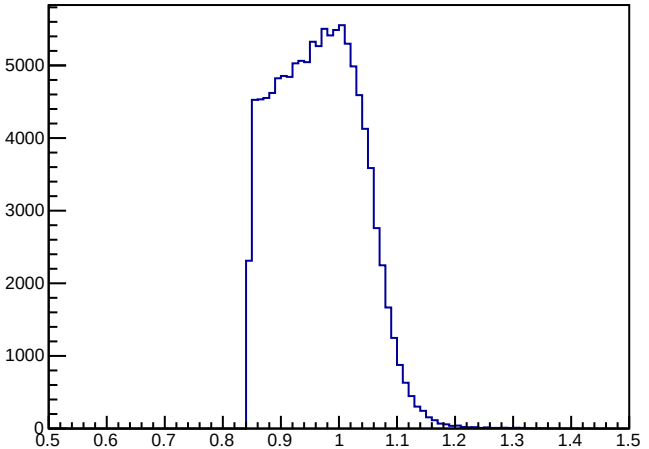

abs(eleP-1.05*0.5), good events
1600
1400
1200
1000
800
600
400
200
0
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5


abs(eleP-1.05*0.5), bad events
70
60
50
40
30
20
10
0
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

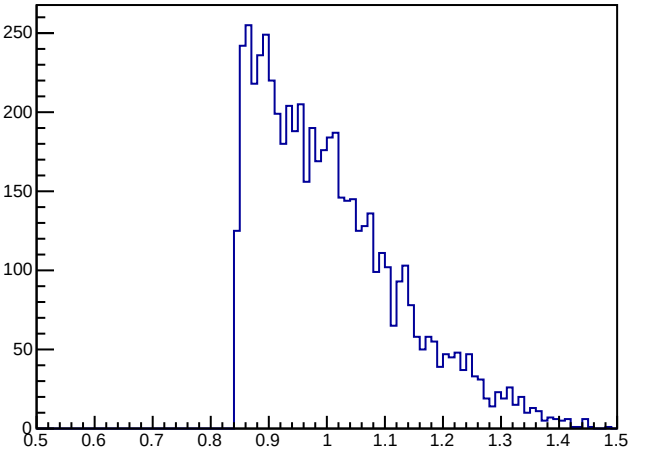

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.1 0.2 0.3 0.4 0.5


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

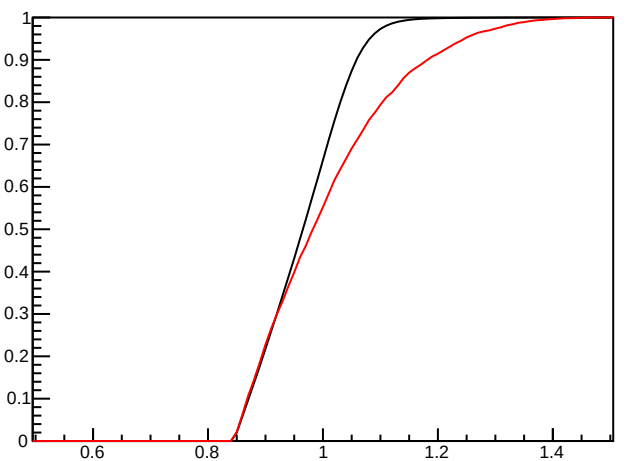
uncP, good events



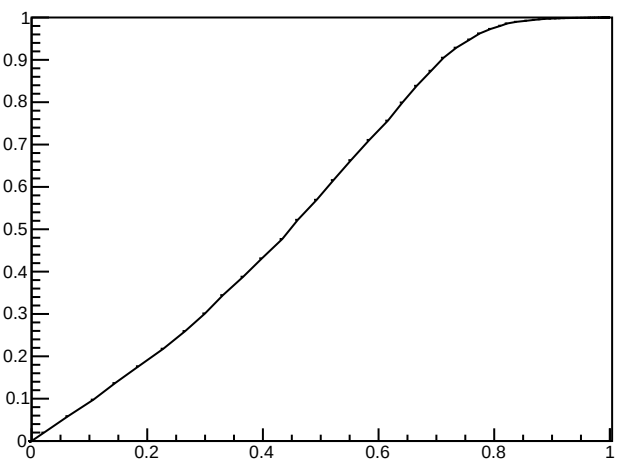
uncP, bad events



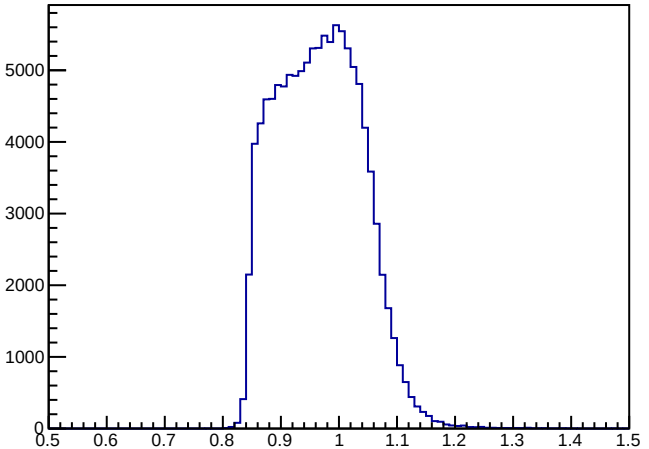
Efficiency vs. cut value



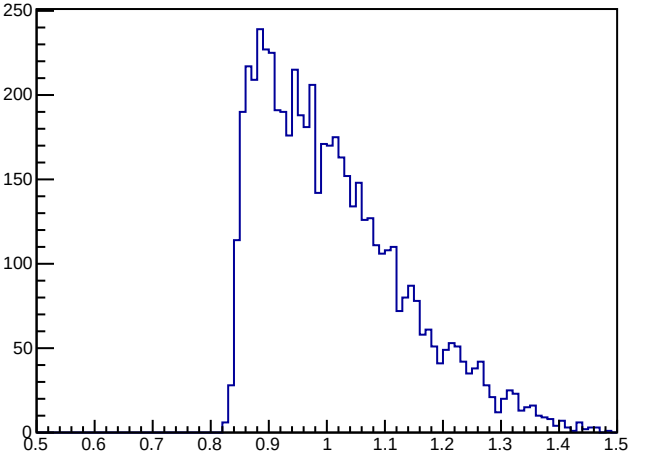
ROC curve



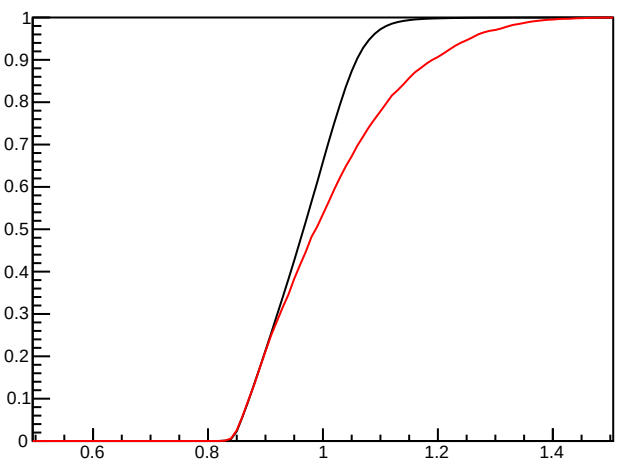
tarP, good events



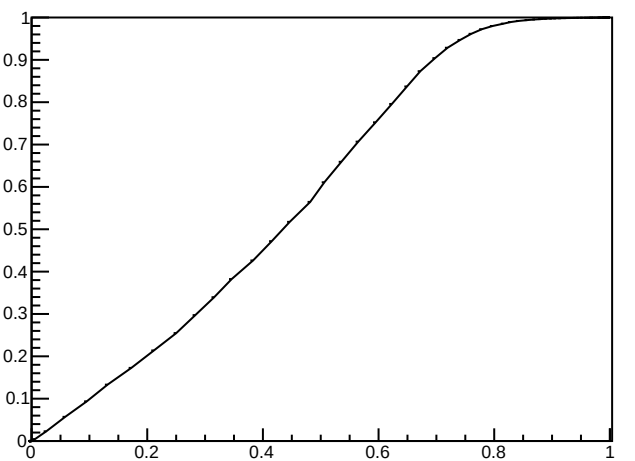
tarP, bad events

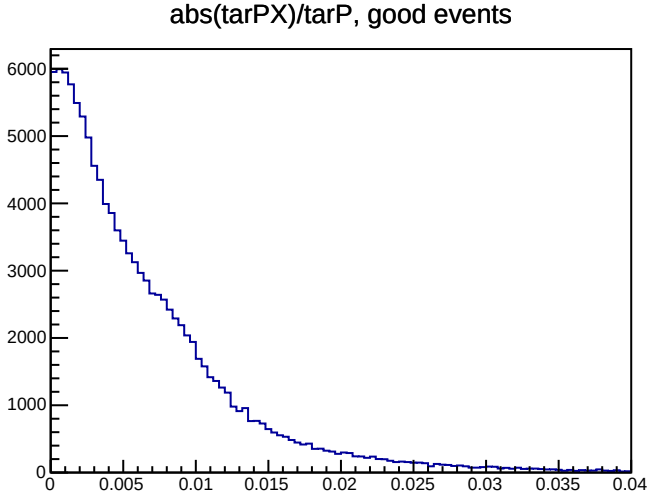


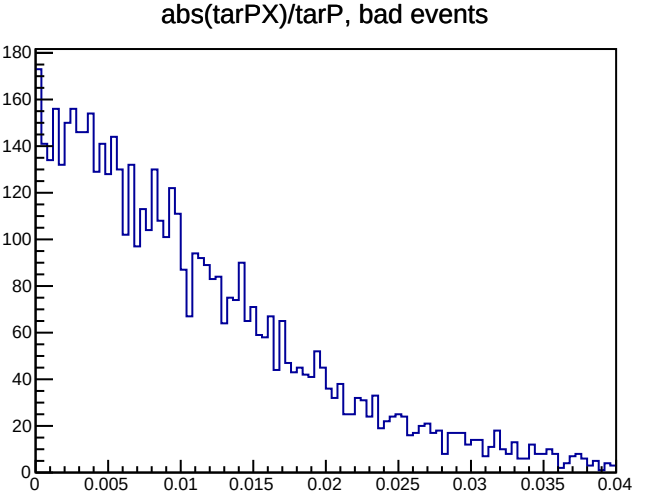
Efficiency vs. cut value

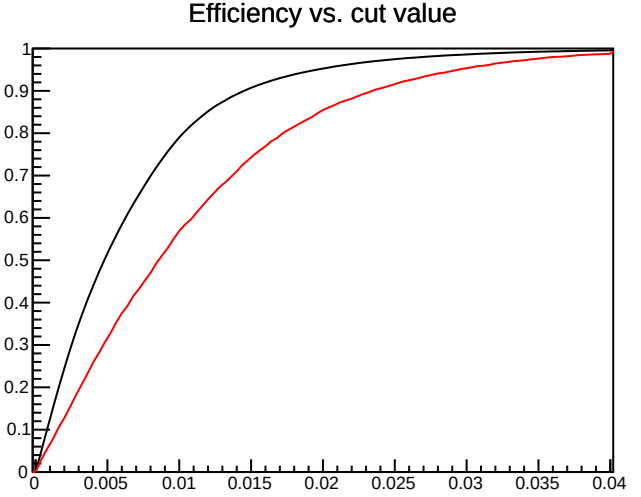


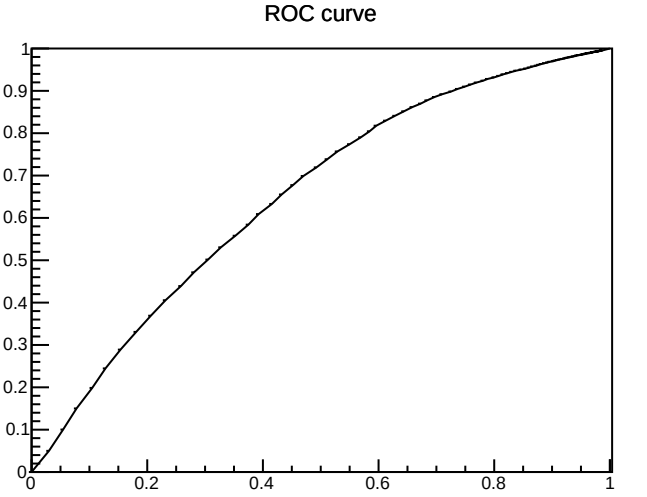
ROC curve

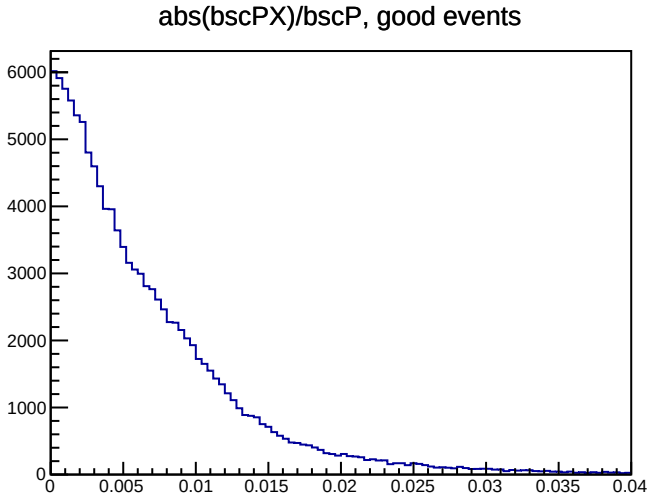


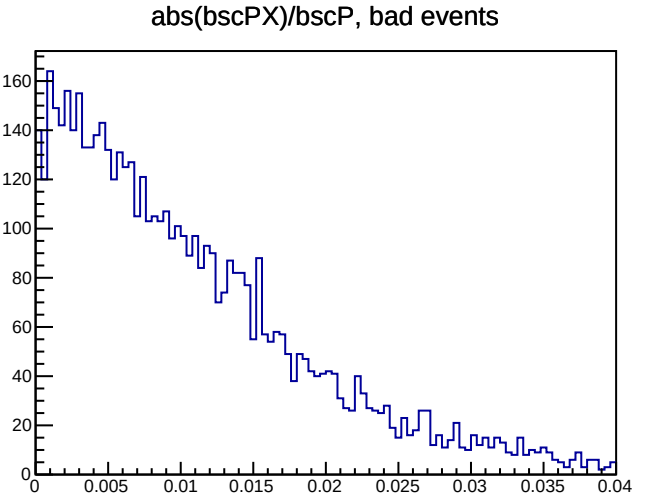

abs(tarPX)/tarP, good events
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04

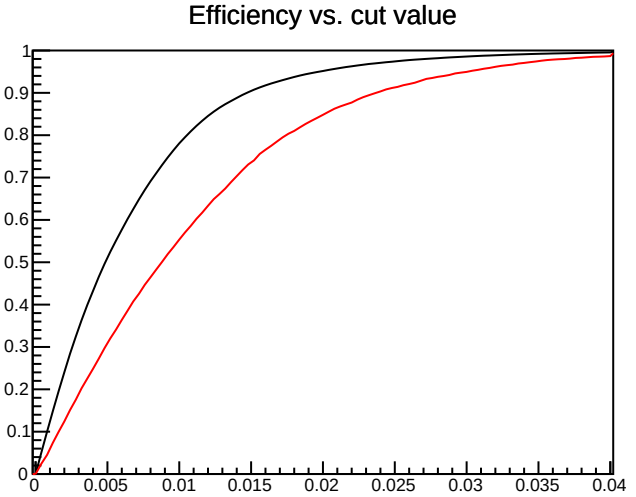

abs(tarPX)/tarP, bad events
180
160
140
120
100
80
60
40
20
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04

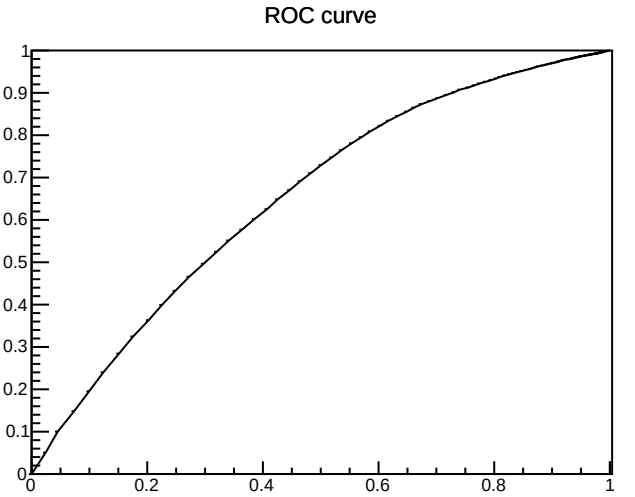

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04

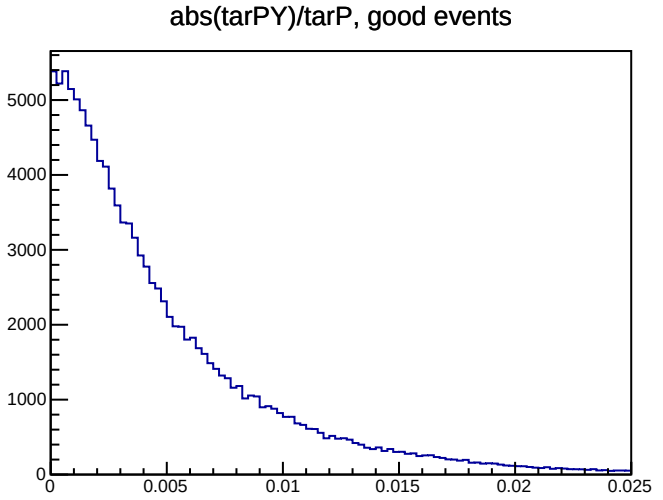

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

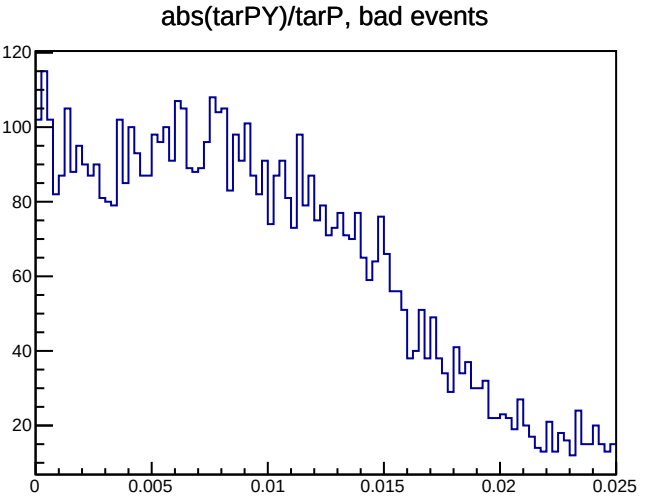

abs(bscPX)/bscP, good events
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04

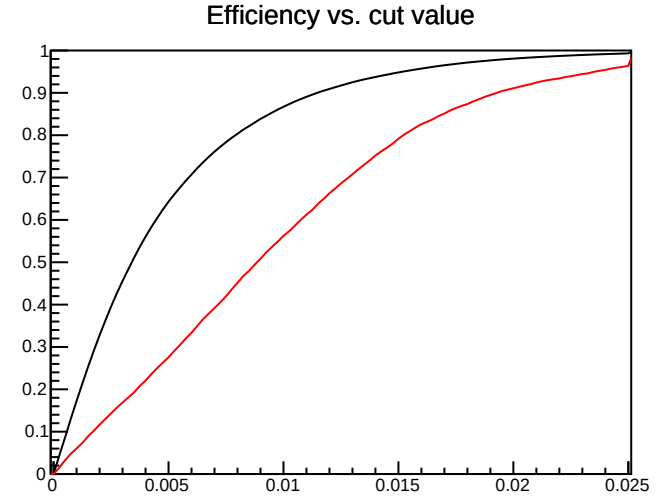

abs(bscPX)/bscP, bad events
160
140
120
100
80
60
40
20
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04

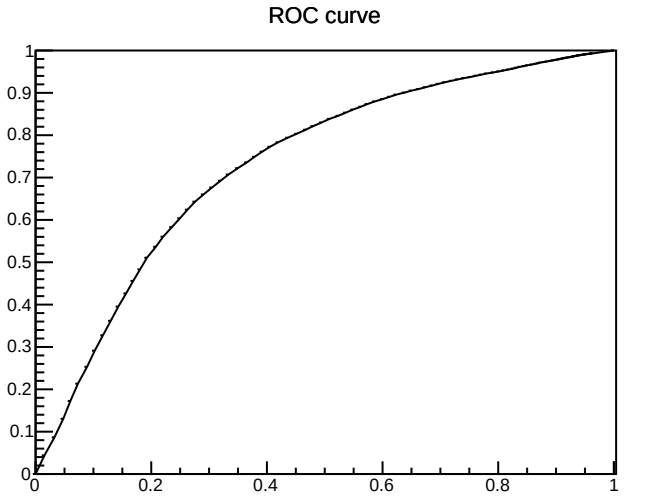

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04

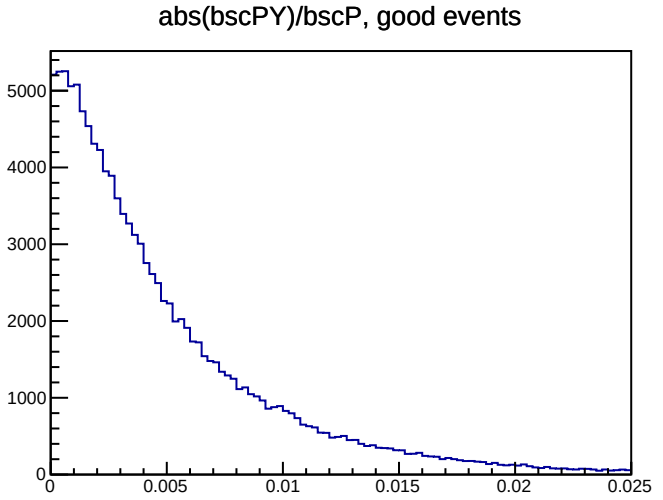

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

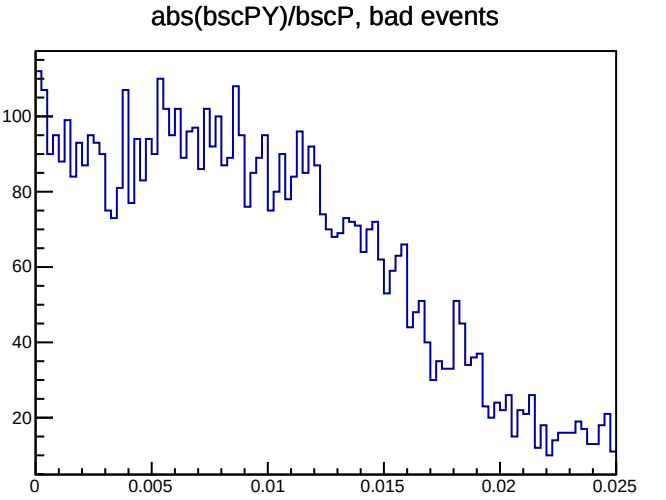

abs(tarPY)/tarP, good events
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025

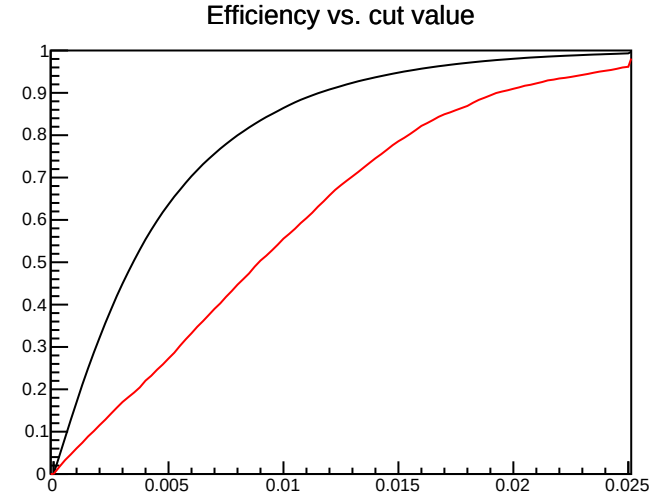

abs(tarPY)/tarP, bad events
120
100
80
60
40
20
0
0.005
0.01
0.015
0.02
0.025

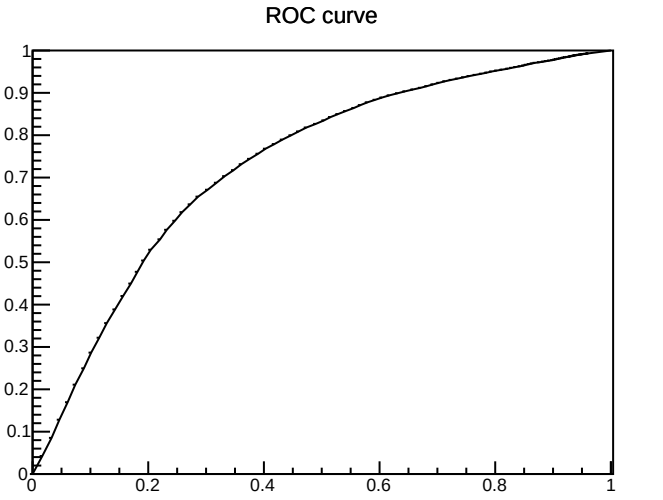

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.005
0.01
0.015
0.02
0.025

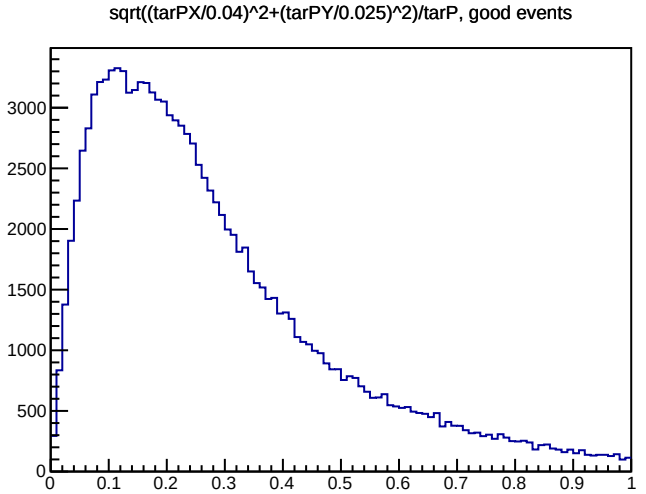

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

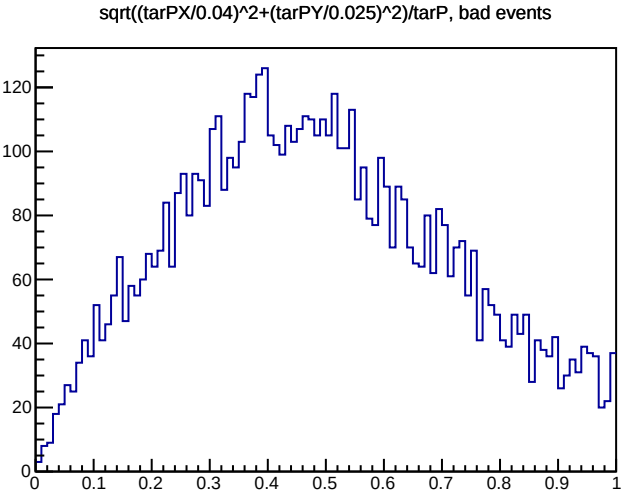

abs(bscPY)/bscP, good events
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025

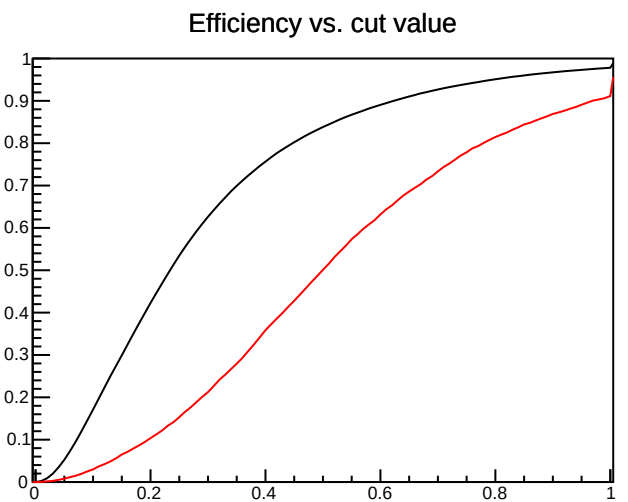

abs(bscPY)/bscP, bad events
100
80
60
40
20
0
0.005
0.01
0.015
0.02
0.025

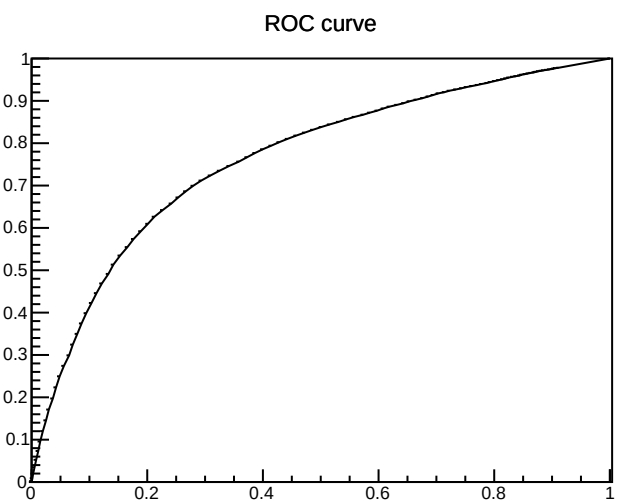

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.005
0.01
0.015
0.02
0.025

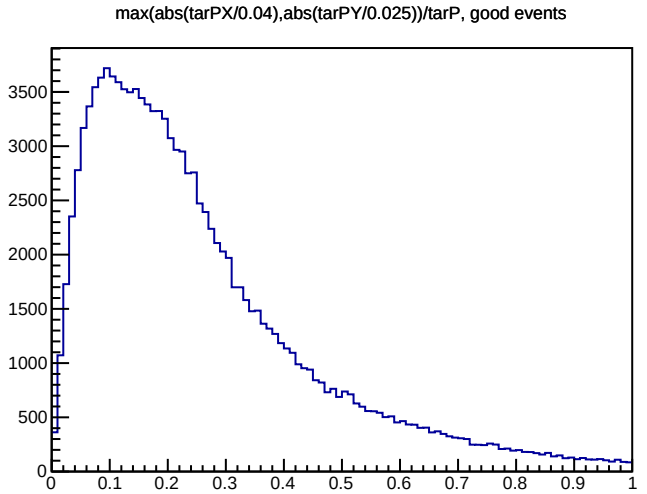

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

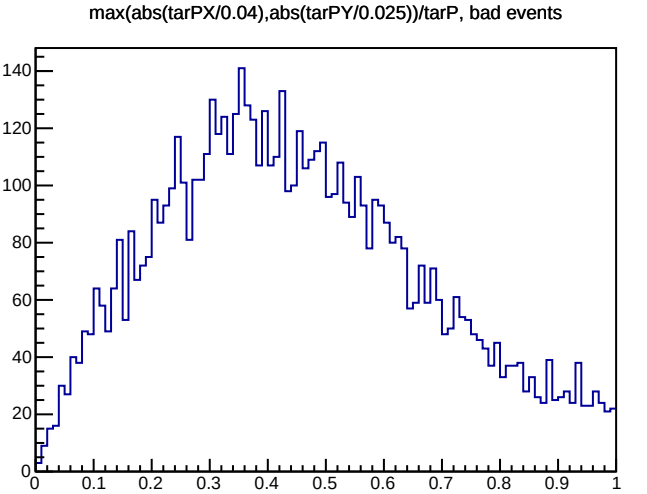

sqrt((tarPX/0.04)^2+(tarPY/0.025)^2)/tarP, good events
3000
2500
2000
1500
1000
500
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

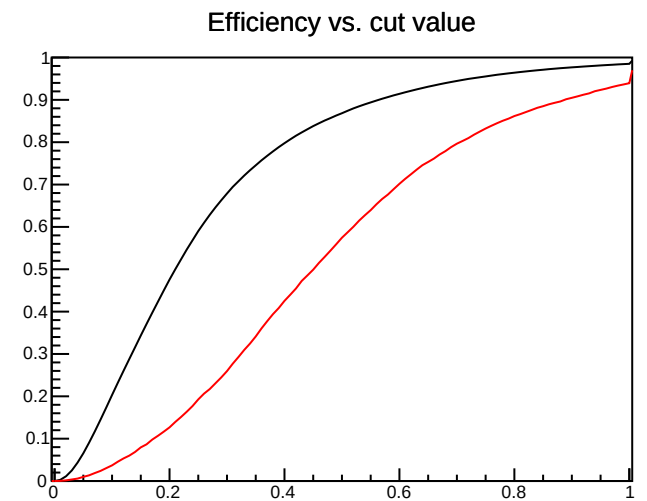

sqrt((tarPX/0.04)^2+(tarPY/0.025)^2)/tarP, bad events
120
100
80
60
40
20
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

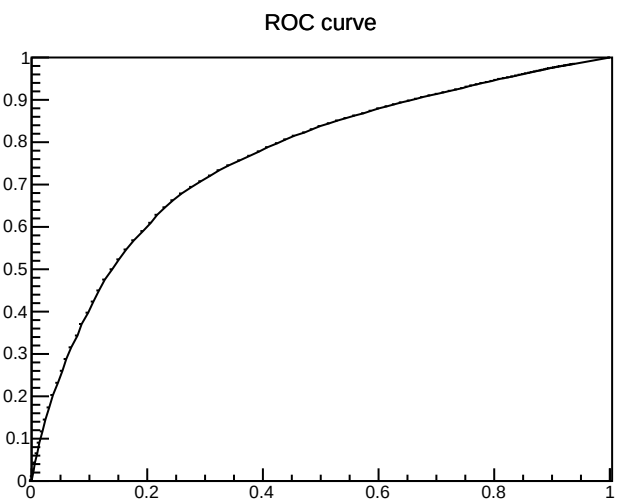

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

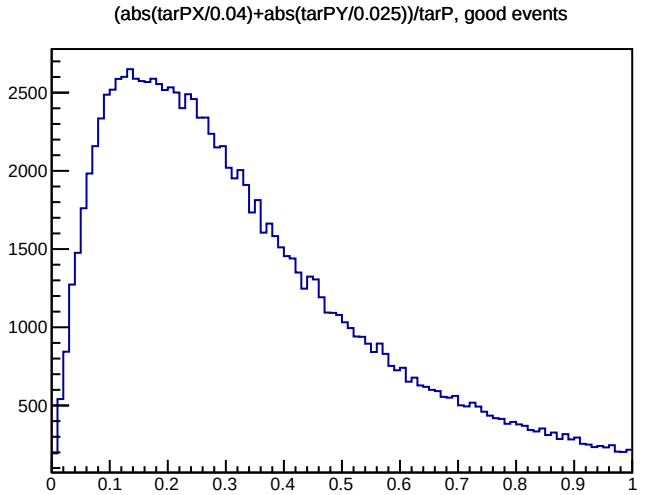

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

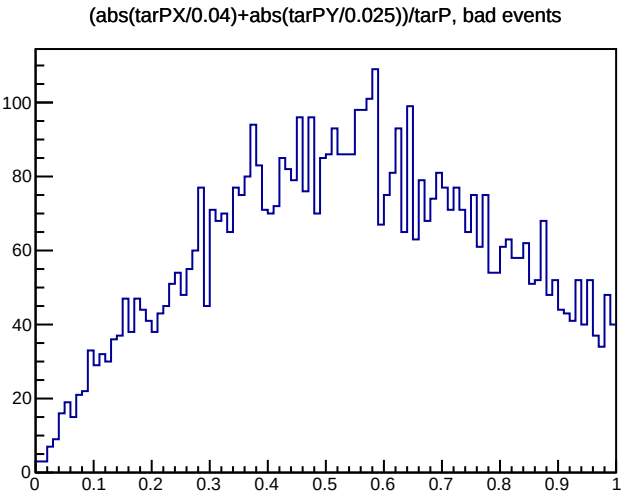

max(abs(tarPX/0.04),abs(tarPY/0.025))/tarP, good events
3500
3000
2500
2000
1500
1000
500
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

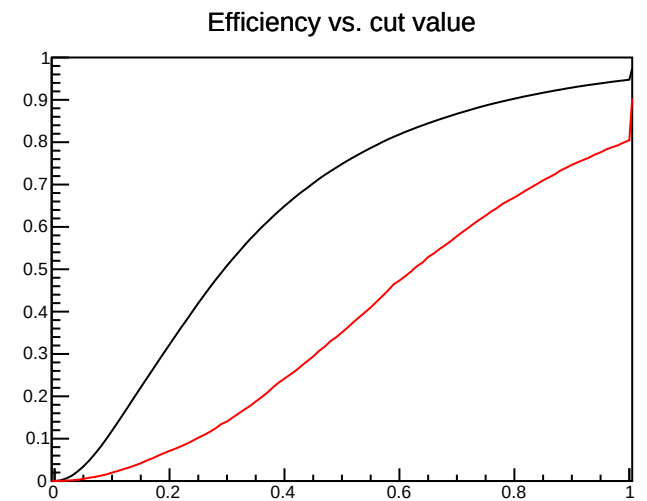

max(abs(tarPX/0.04),abs(tarPY/0.025))/tarP, bad events
140
120
100
80
60
40
20
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

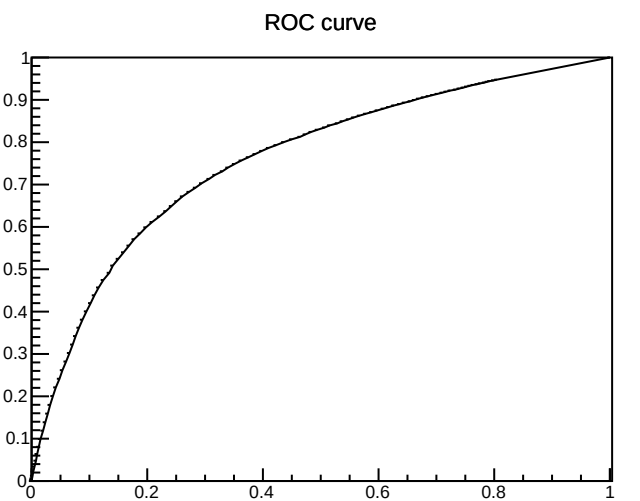

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

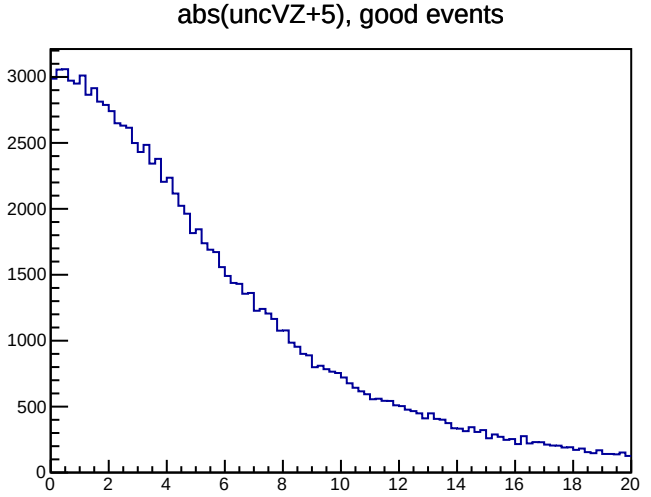

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

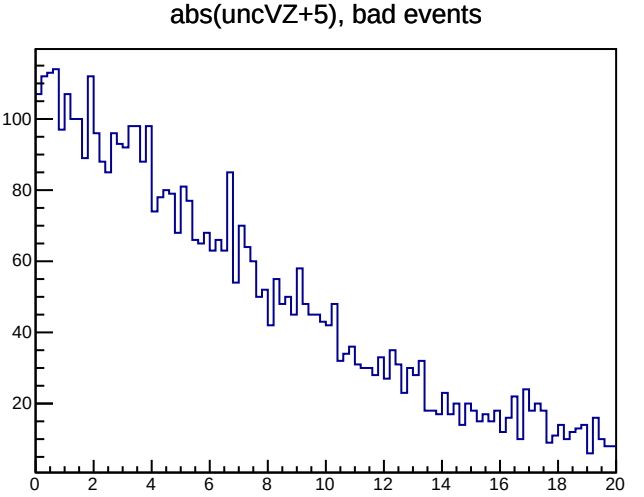

(abs(tarPX/0.04)+abs(tarPY/0.025))/tarP, good events
2500
2000
1500
1000
500
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

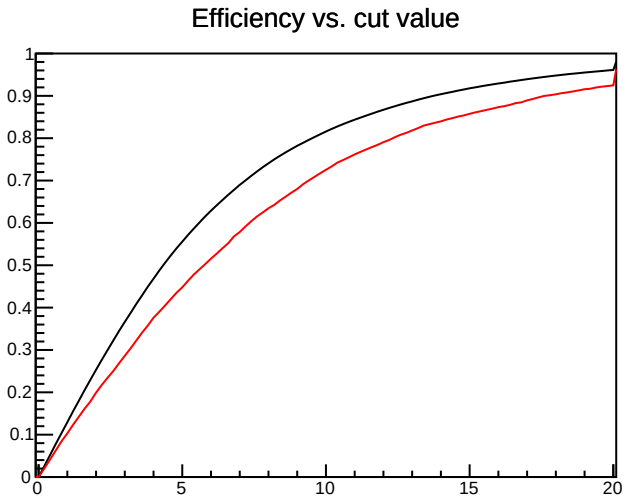

(abs(tarPX/0.04)+abs(tarPY/0.025))/tarP, bad events
100
80
60
40
20
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

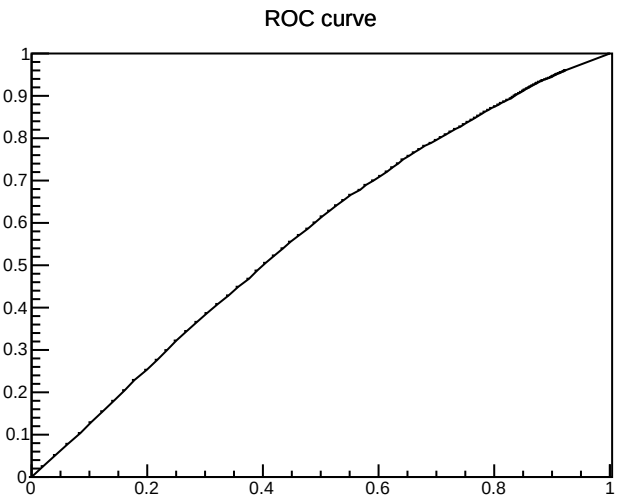

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.2
0.4
0.6
0.8
1

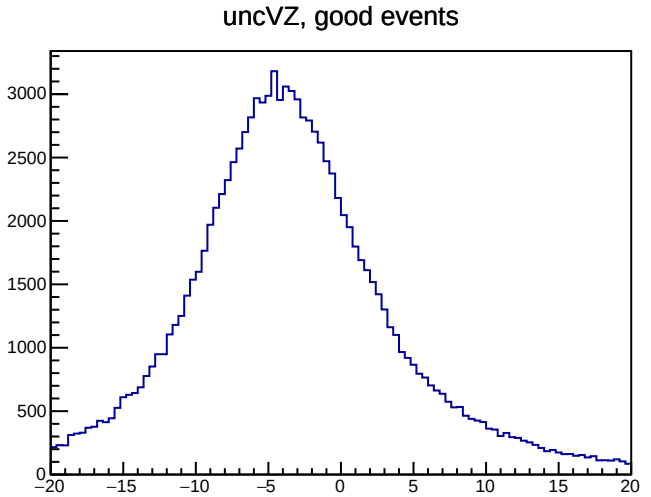

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.2
0.4
0.6
0.8
1

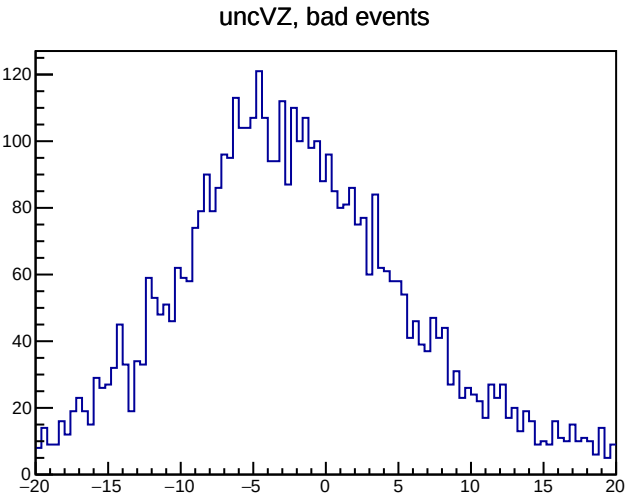

abs(uncVZ+5), good events
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
16
18
20

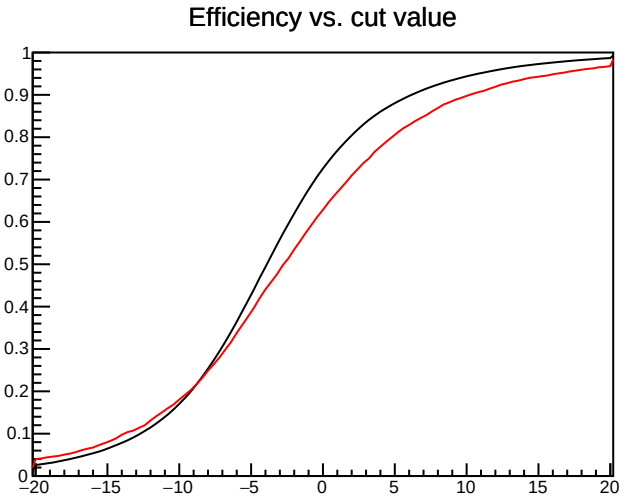

abs(uncVZ+5), bad events
100
80
60
40
20
0
2
4
6
8
10
12
14
16
18
20

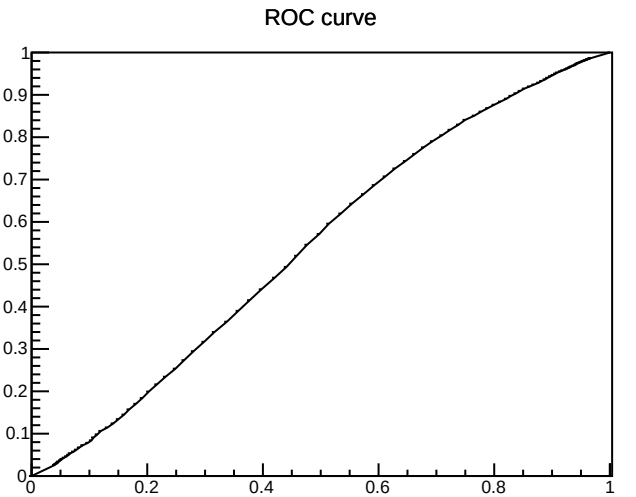

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20

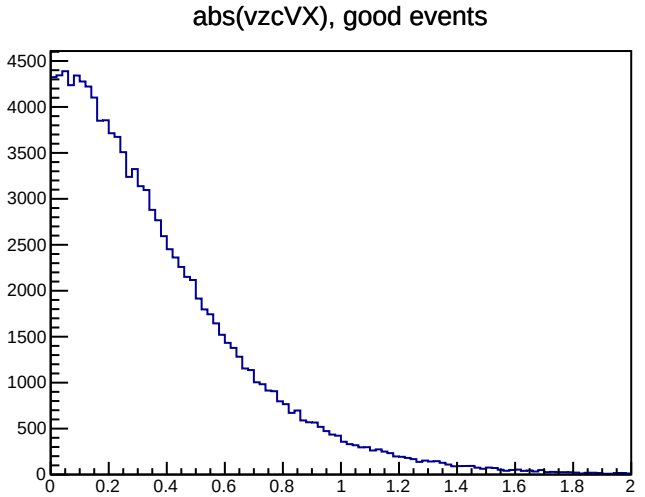

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

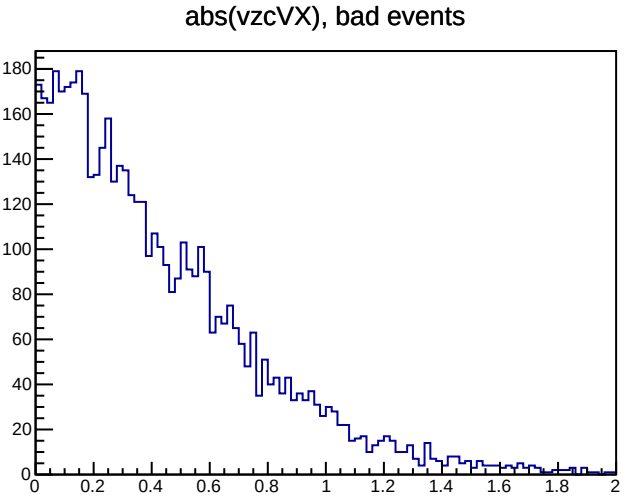

uncVZ, good events
3000
2500
2000
1500
1000
500
0
−20
−15
−10
−5
0
5
10
15
20

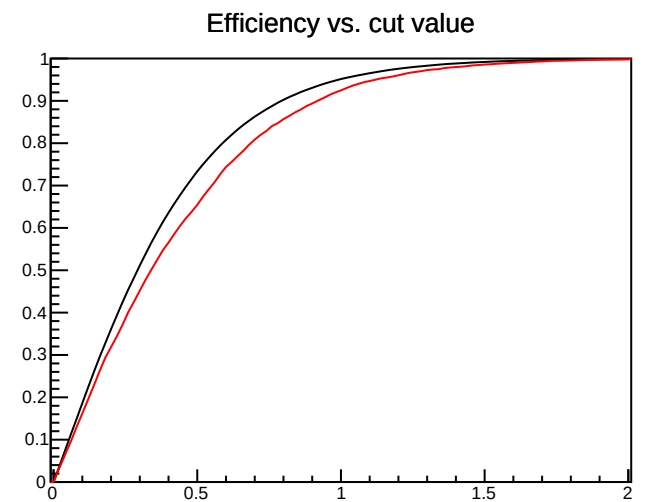

uncVZ, bad events
120
100
80
60
40
20
0
−20
−15
−10
−5
0
5
10
15
20

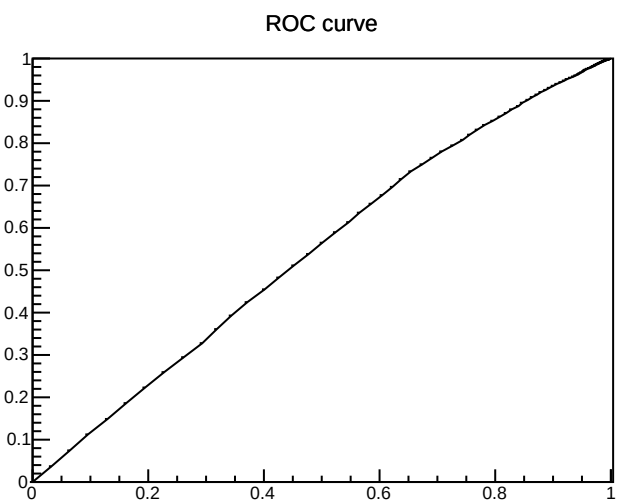

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
−20
−15
−10
−5
0
5
10
15
20

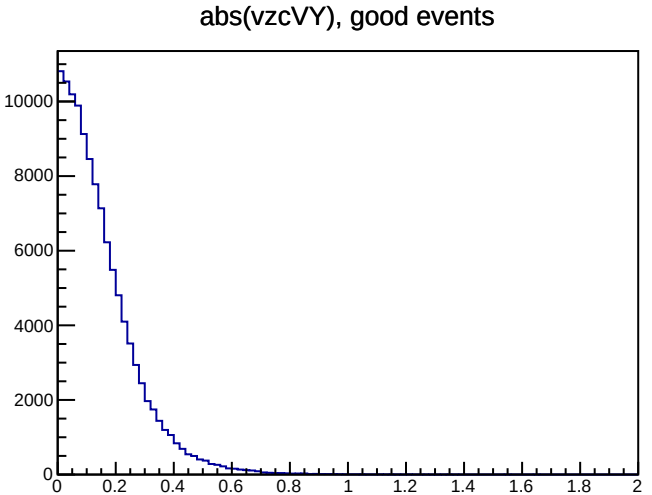

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

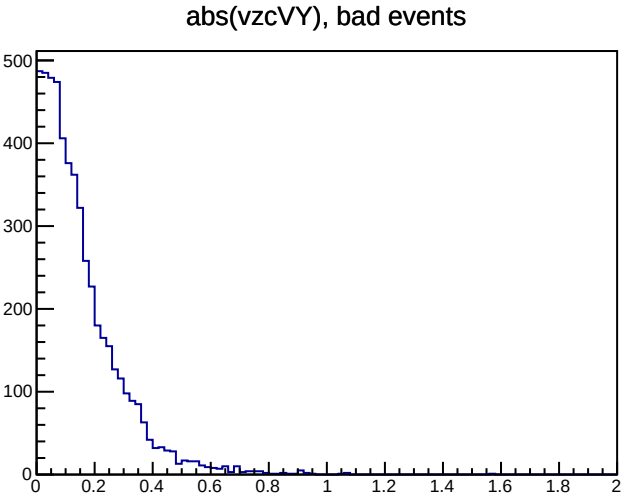

abs(vzcVX), good events
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

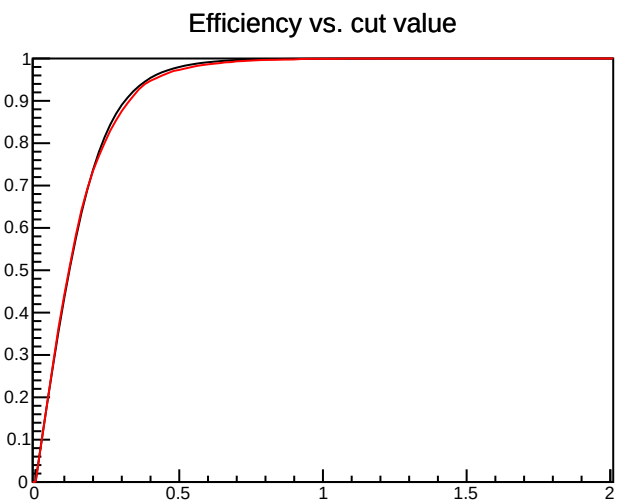

abs(vzcVX), bad events
180
160
140
120
100
80
60
40
20
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

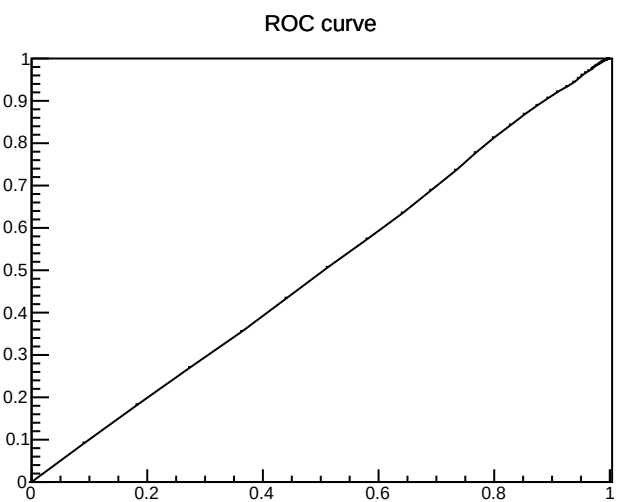

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.5 1 1.5 2

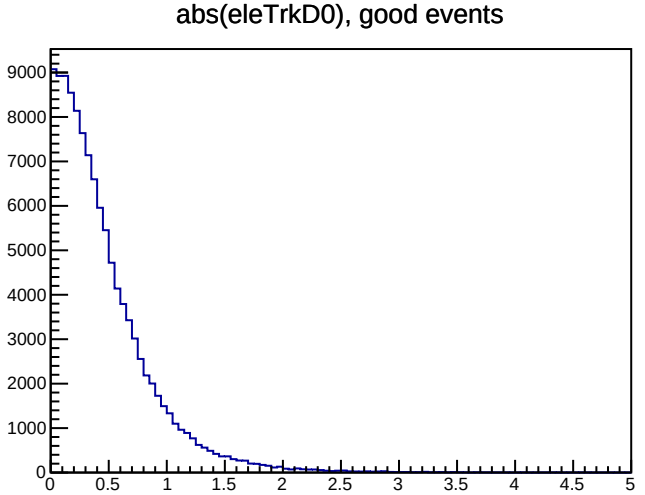

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

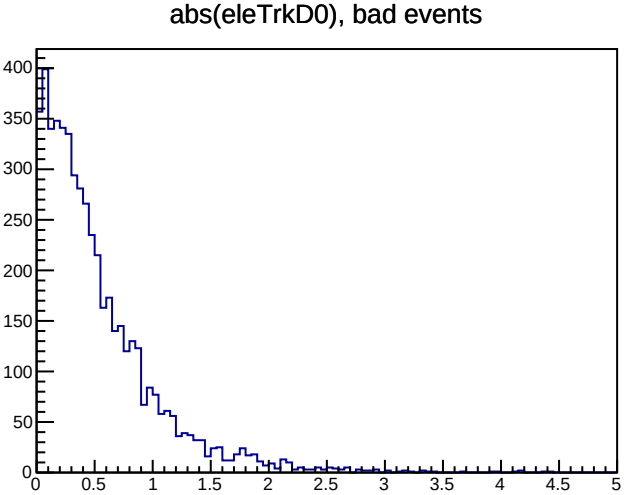

abs(vzcVY), good events
10000
8000
6000
4000
2000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

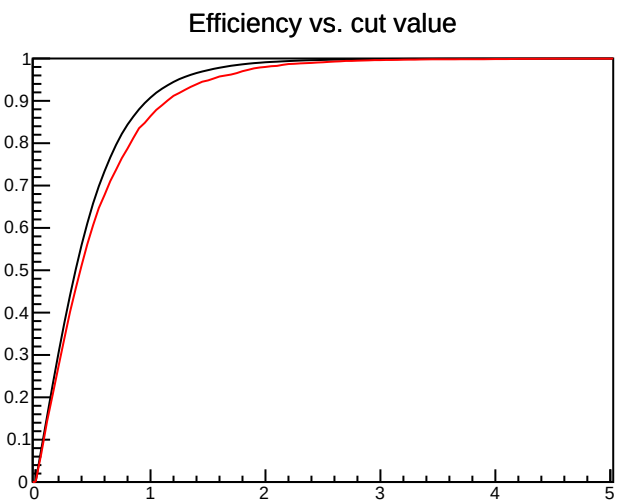

abs(vzcVY), bad events
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

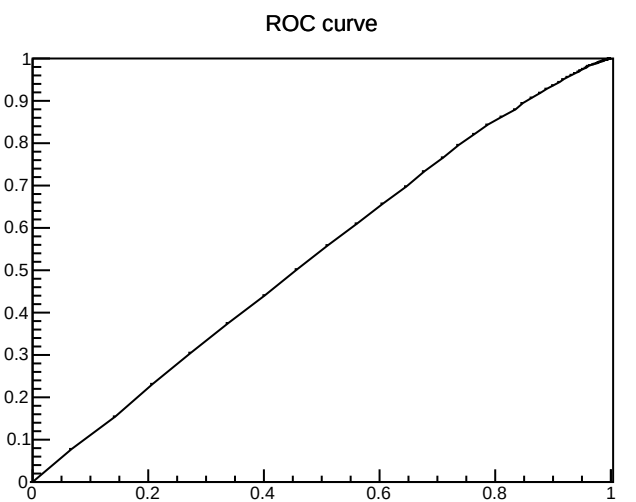

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2

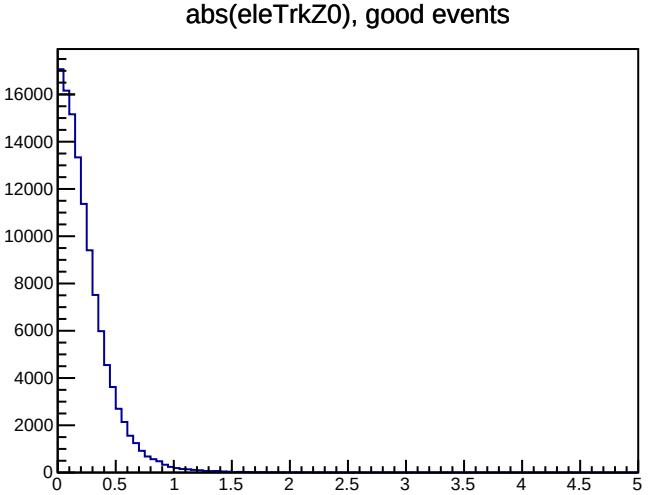

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

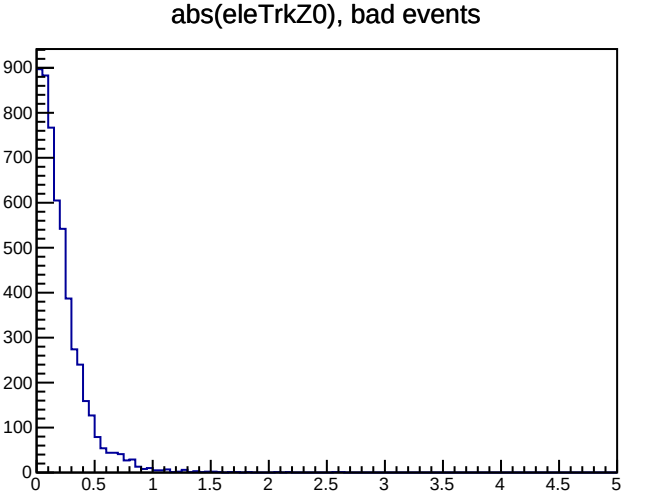

abs(eleTrkD0), good events
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

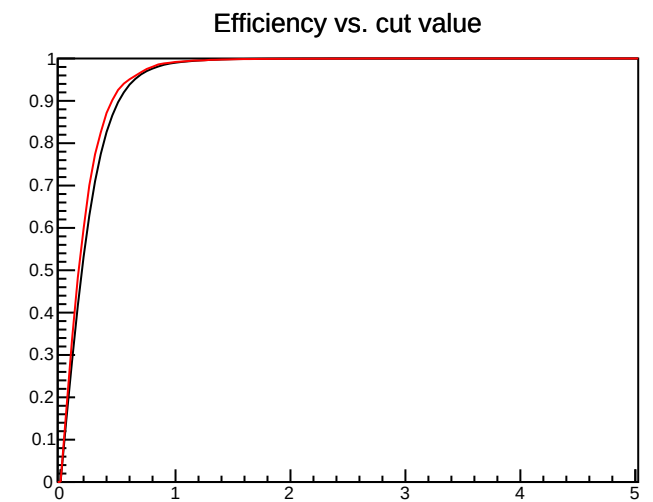

abs(eleTrkD0), bad events
400
350
300
250
200
150
100
50
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

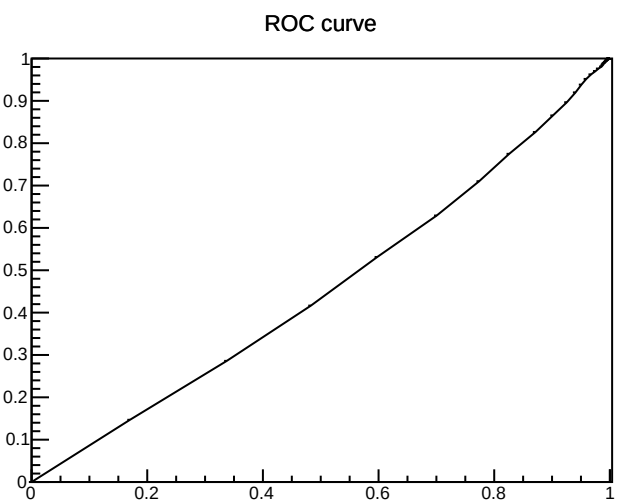

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5

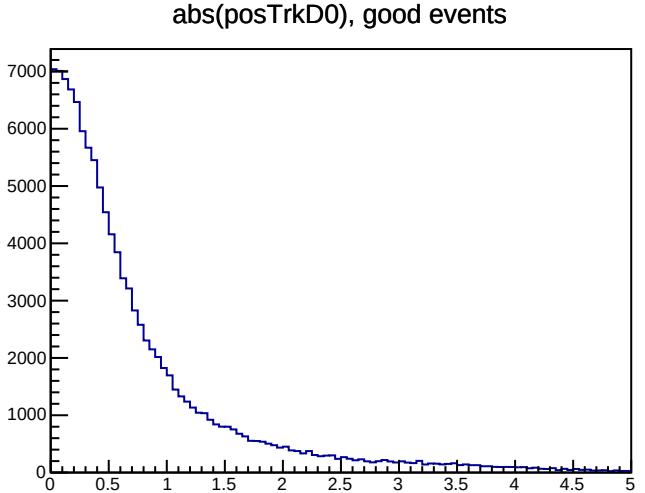

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

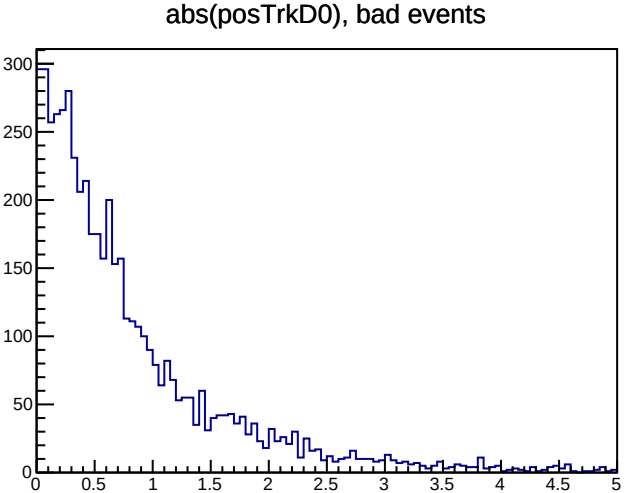

abs(eleTrkZ0), good events
16000
14000
12000
10000
8000
6000
4000
2000
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

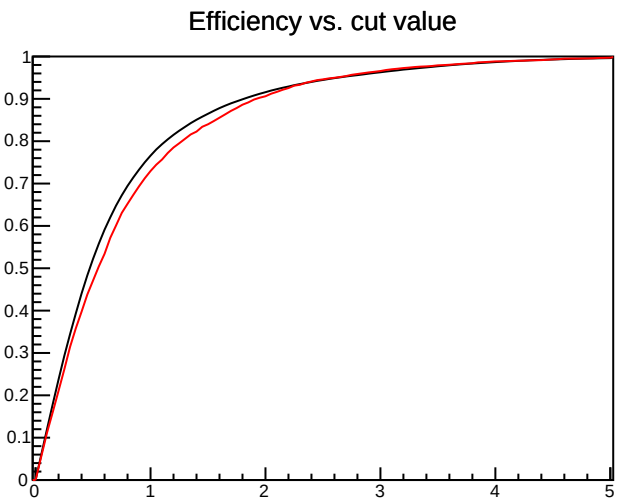

abs(eleTrkZ0), bad events
900
800
700
600
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

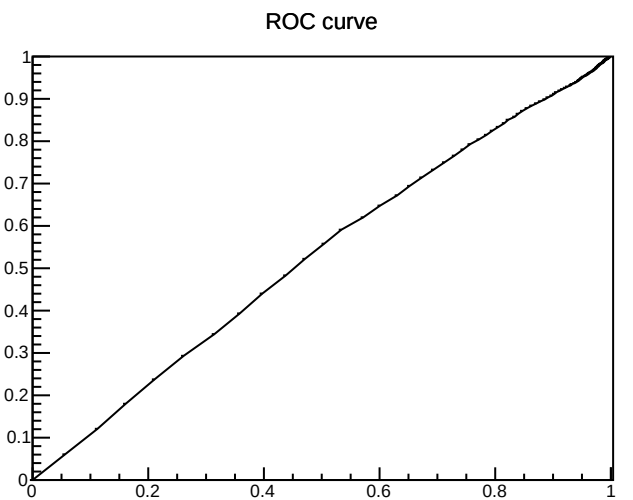

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5

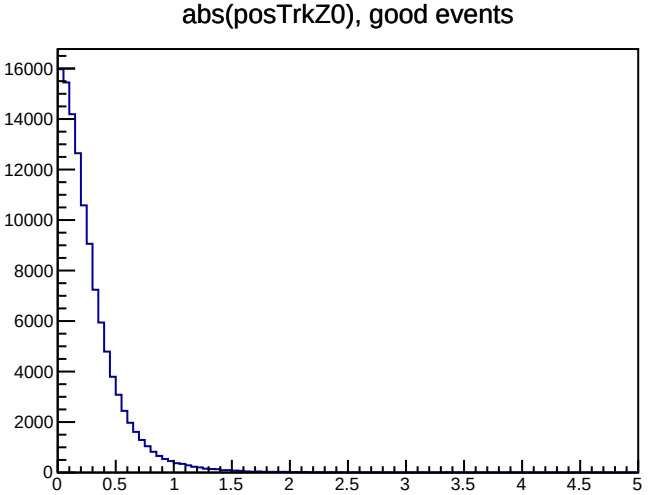

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

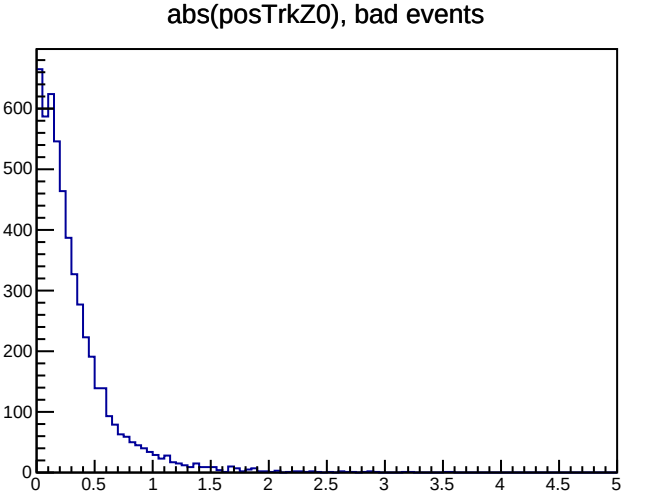

abs(posTrkD0), good events
7000
6000
5000
4000
3000
2000
1000
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

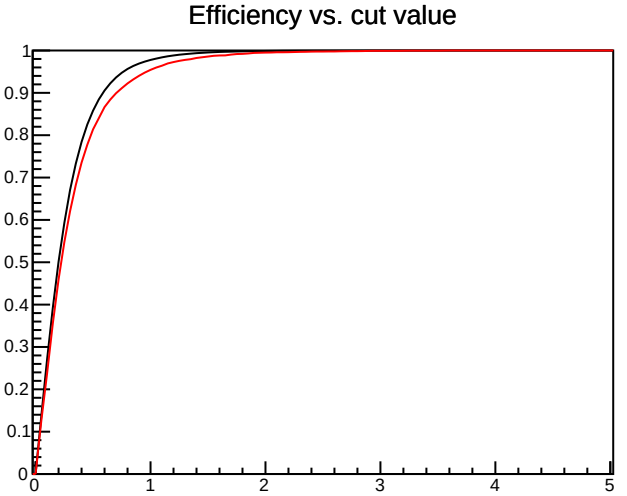

abs(posTrkD0), bad events
300
250
200
150
100
50
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

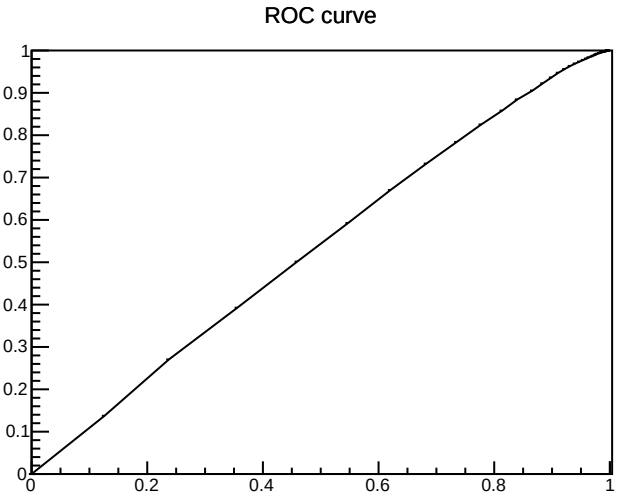

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5

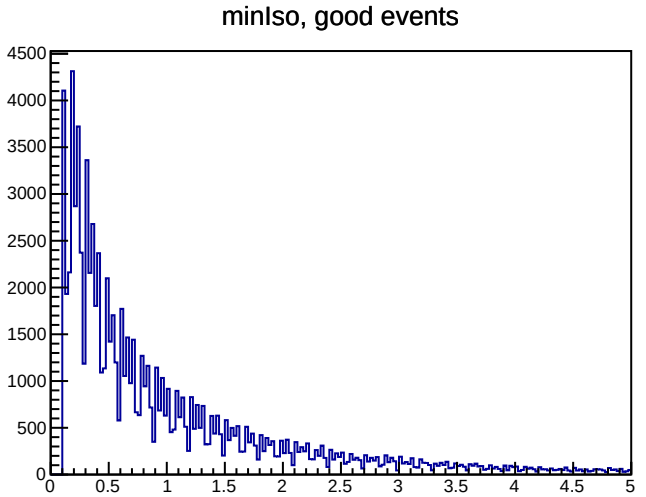

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

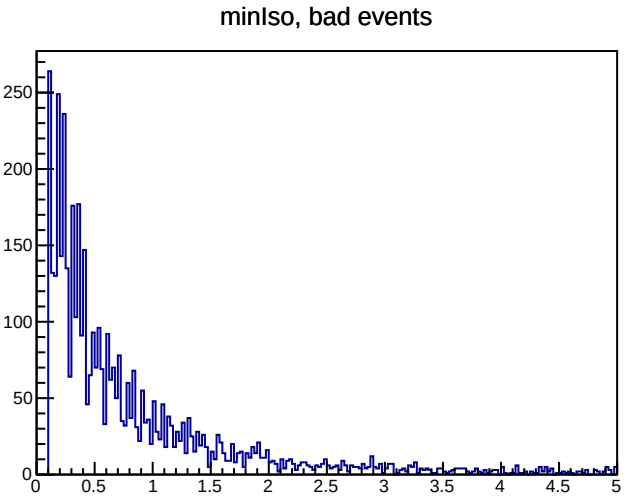

abs(posTrkZ0), good events
16000
14000
12000
10000
8000
6000
4000
2000
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

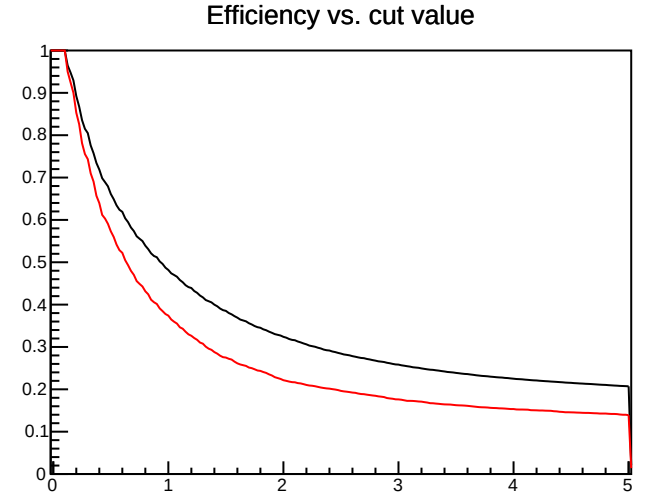

abs(posTrkZ0), bad events
600
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

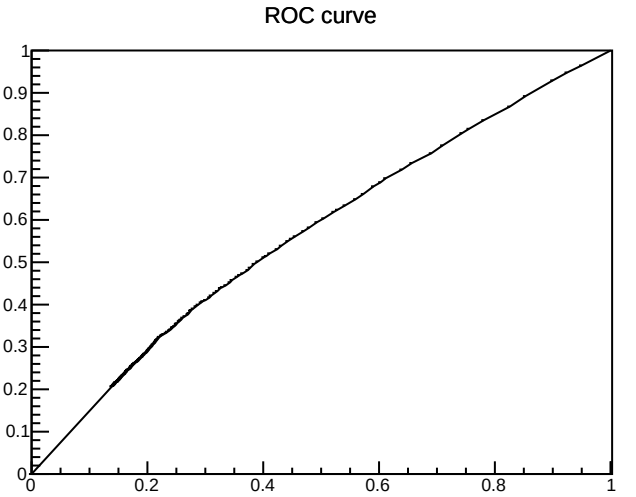

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5

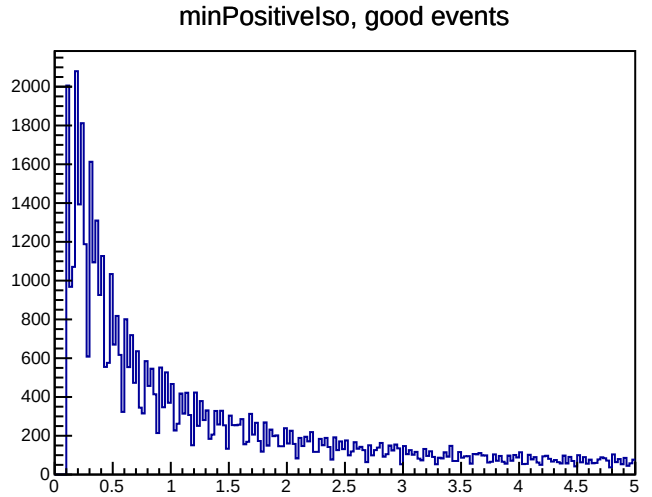

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

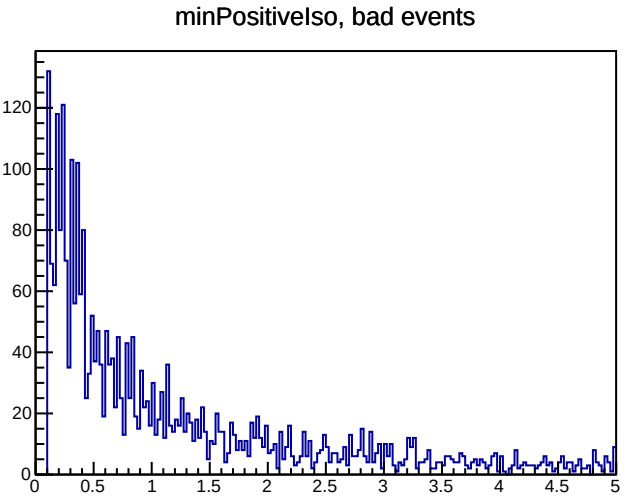

minIso, good events
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

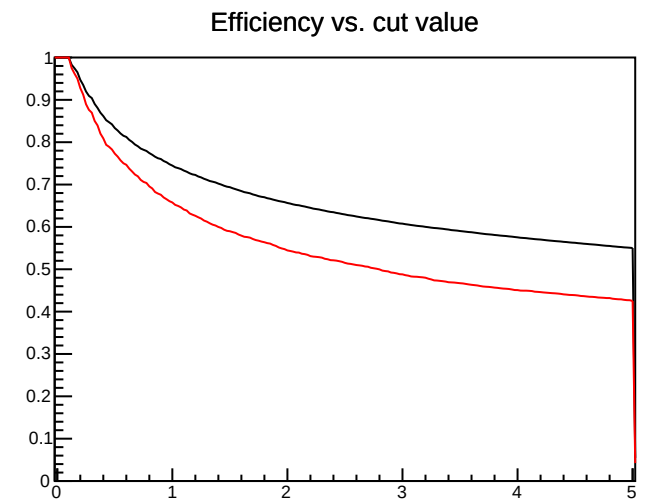

minIso, bad events
250
200
150
100
50
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

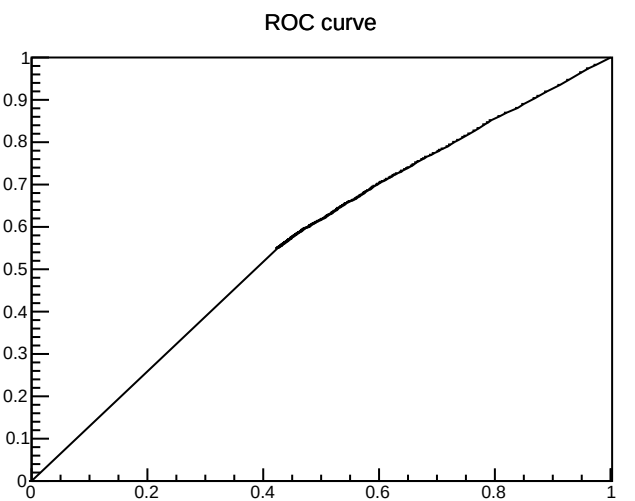

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 1 2 3 4 5


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

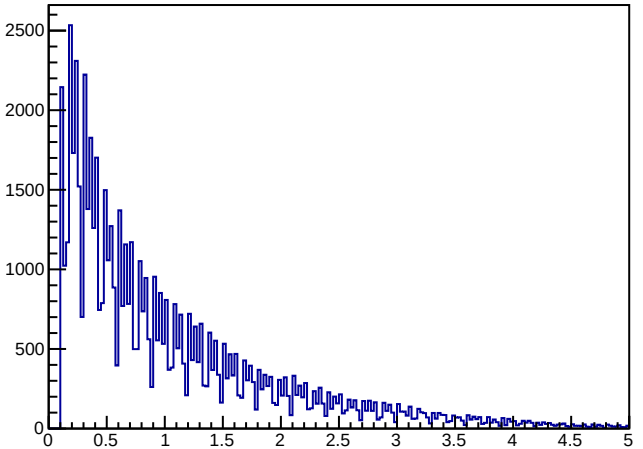

minPositiveIso, good events
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5


minPositiveIso, bad events
120
100
80
60
40
20
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

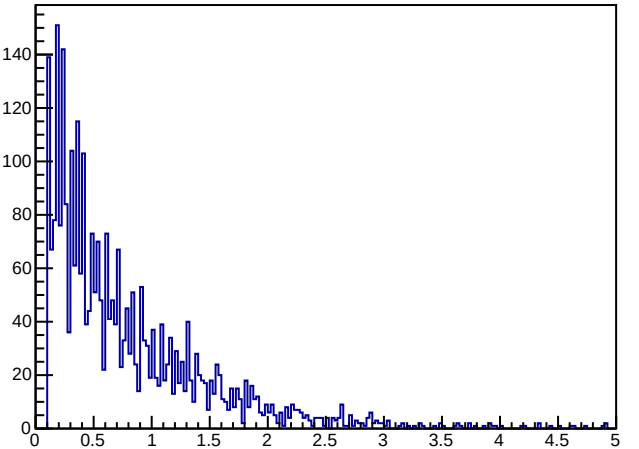

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

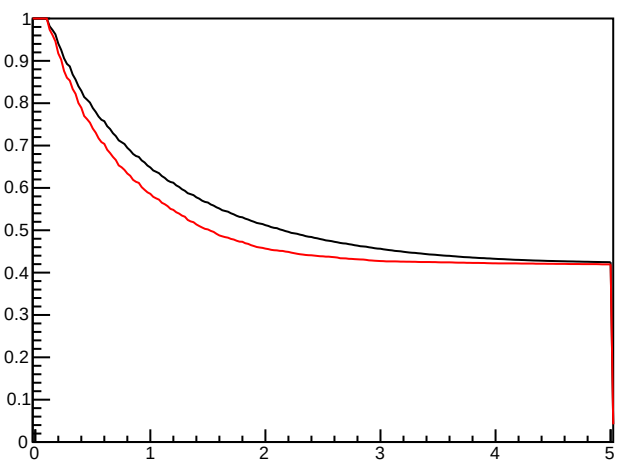
minNegativeIso, good events



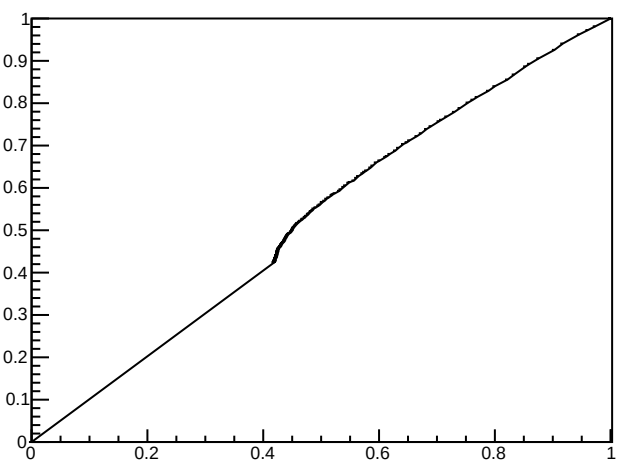
minNegativeIso, bad events



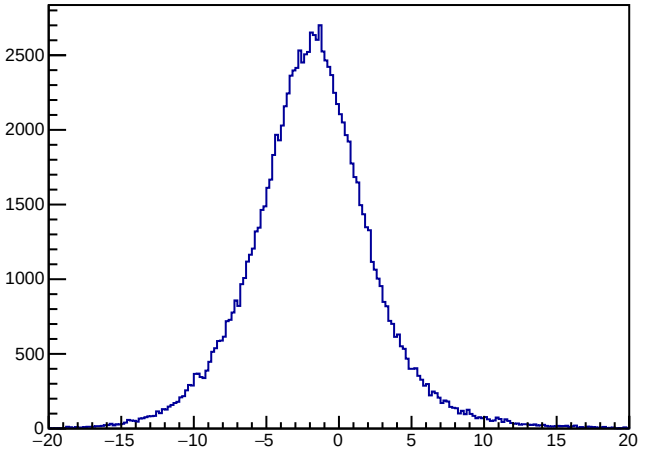
Efficiency vs. cut value



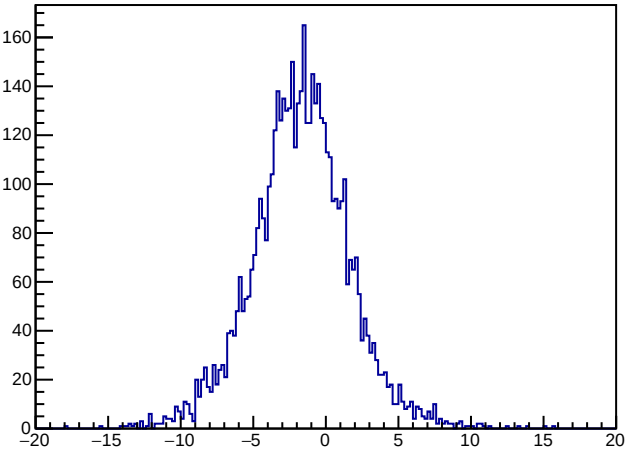
ROC curve



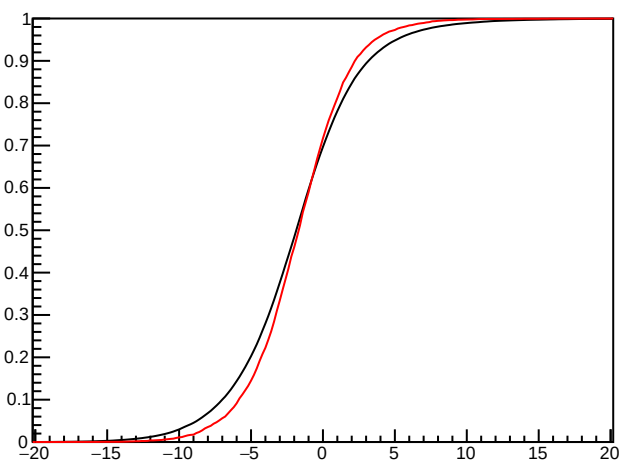
eleFirstHitX-posFirstHitX, good events



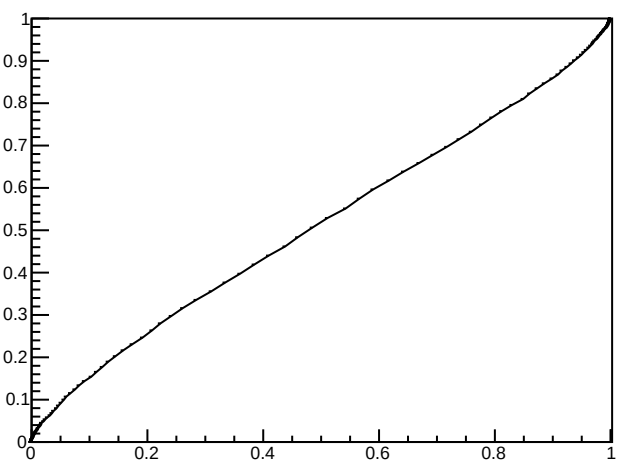
eleFirstHitX-posFirstHitX, bad events

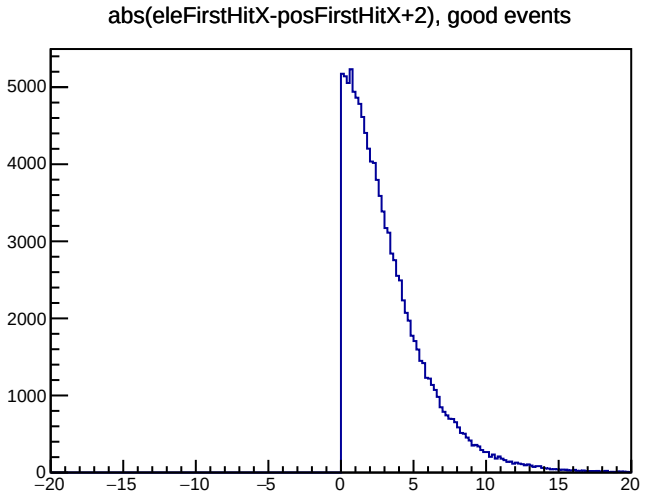


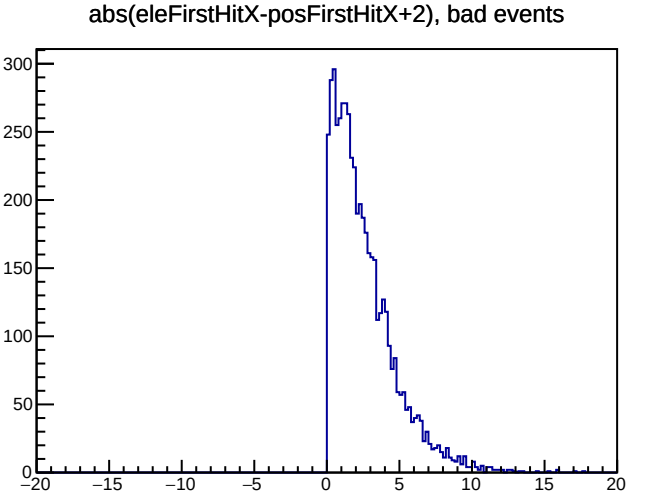
Efficiency vs. cut value

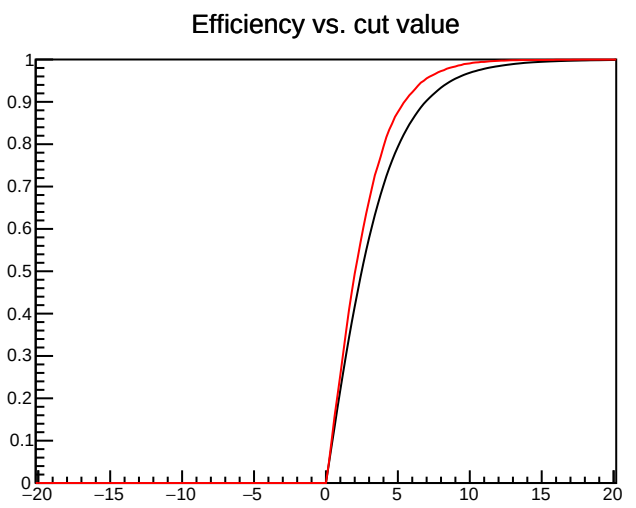


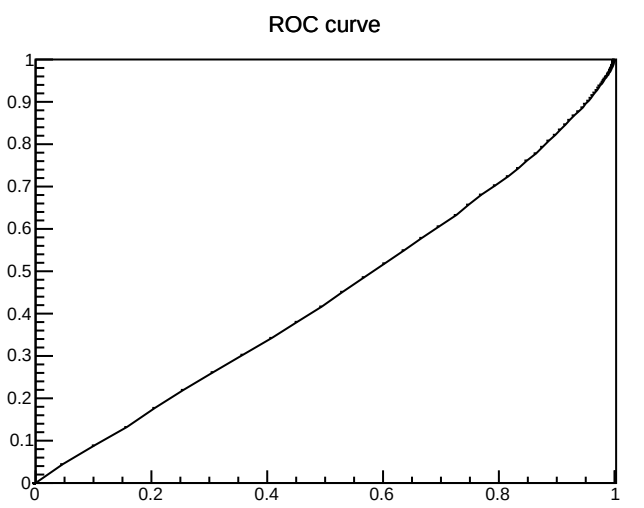
ROC curve

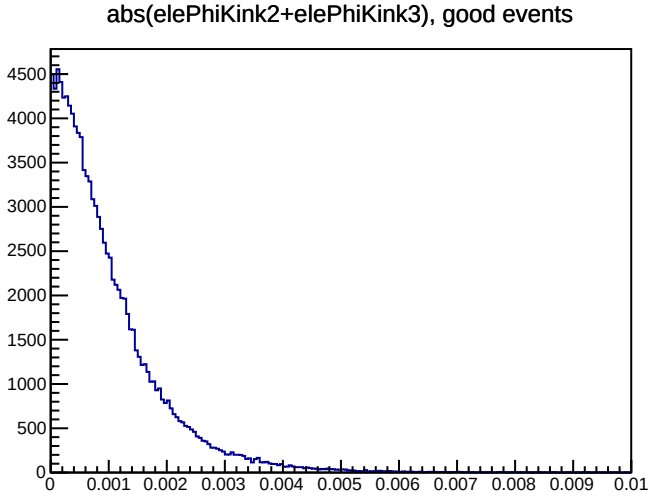


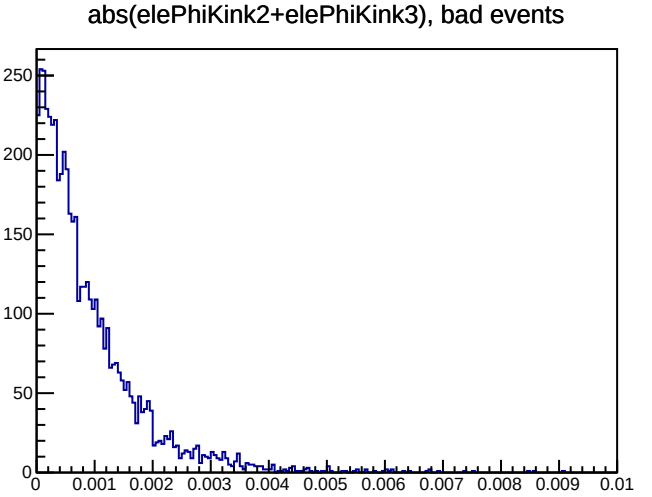

abs(eleFirstHitX-posFirstHitX+2), good events
5000
4000
3000
2000
1000
0
−20
−15
−10
−5
0
5
10
15
20

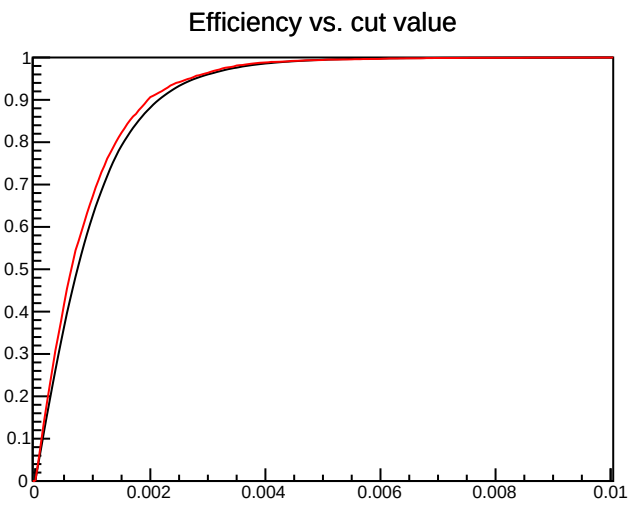

abs(eleFirstHitX-posFirstHitX+2), bad events
300
250
200
150
100
50
0
−20
−15
−10
−5
0
5
10
15
20

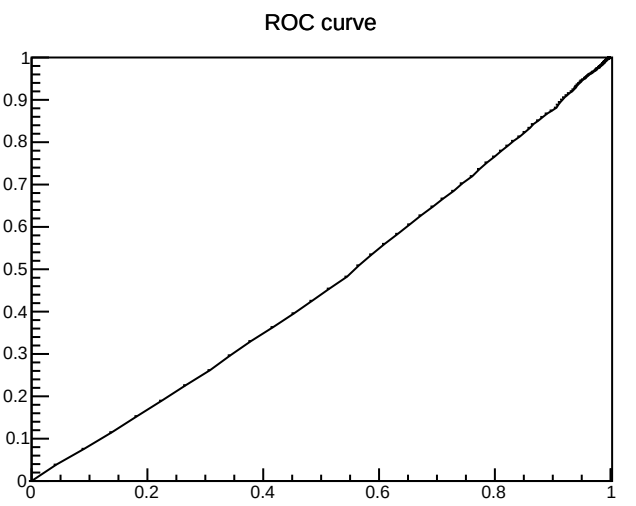

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
−20
−15
−10
−5
0
5
10
15
20

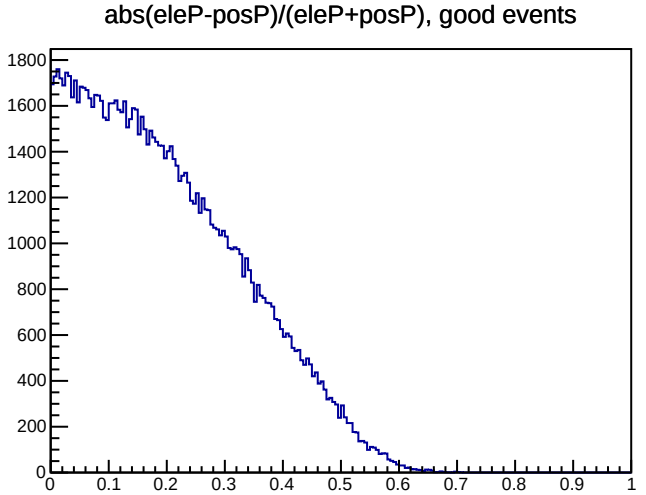

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1

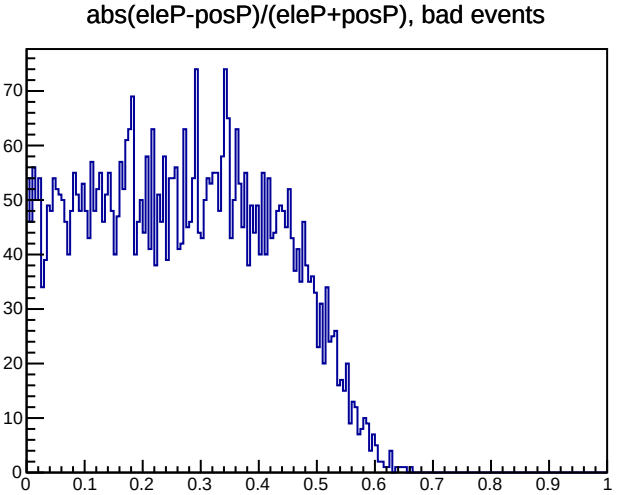

abs(elePhiKink2+elePhiKink3), good events
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0 0.001 0.002 0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.01

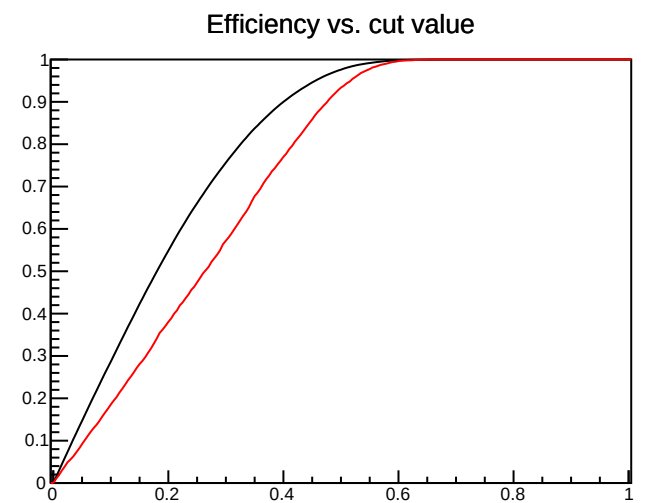

abs(elePhiKink2+elePhiKink3), bad events
250
200
150
100
50
0
0 0.001 0.002 0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.01

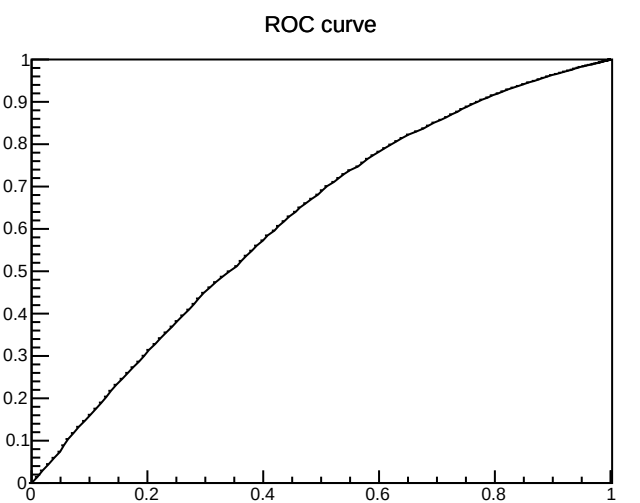

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.002 0.004 0.006 0.008 0.01

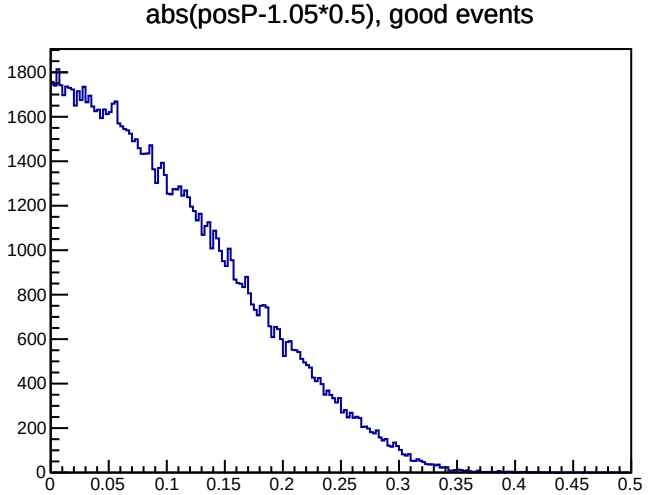

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

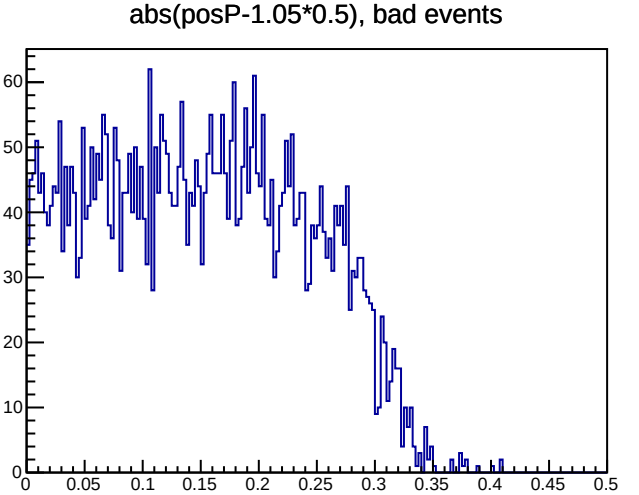

abs(eleP-posP)/(eleP+posP), good events
1800
1600
1400
1200
1000
800
600
400
200
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

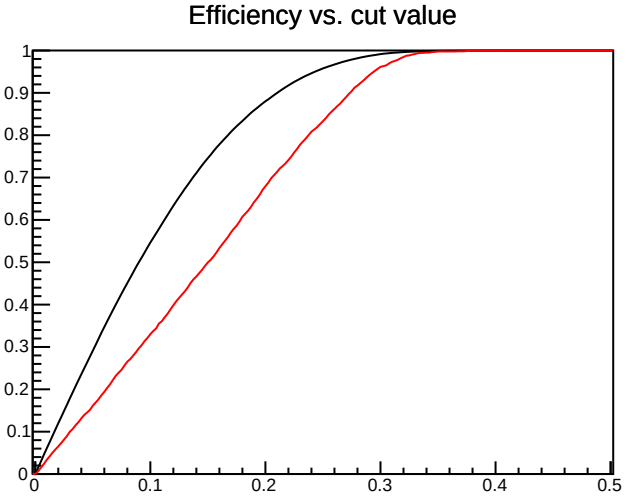

abs(eleP-posP)/(eleP+posP), bad events
70
60
50
40
30
20
10
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

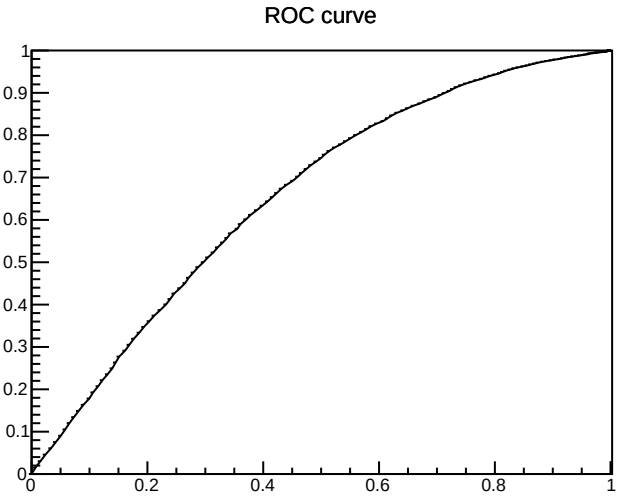

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

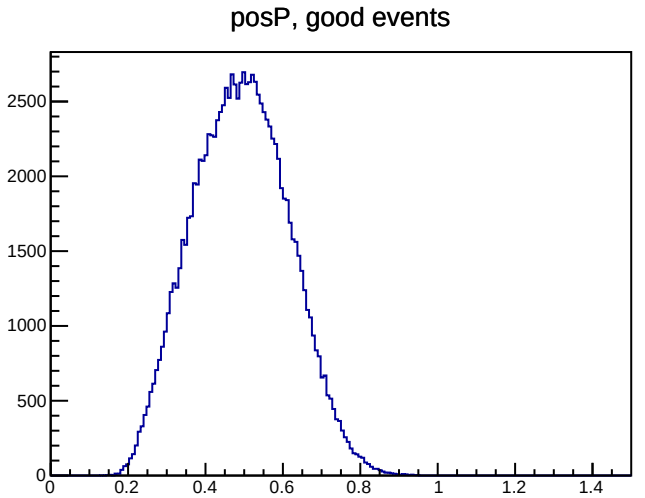

ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1

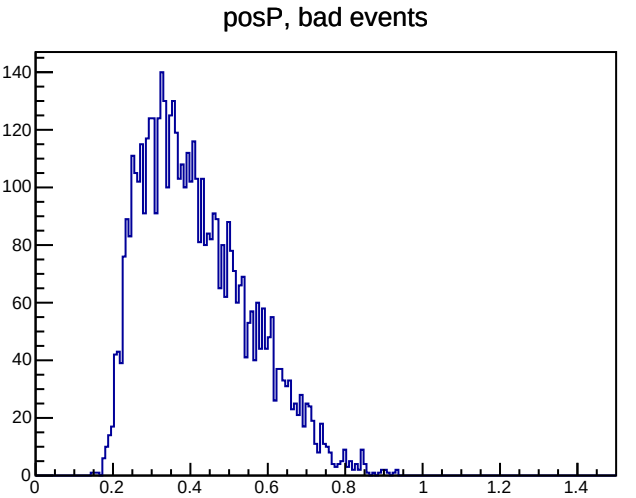

abs(posP-1.05*0.5), good events
1800
1600
1400
1200
1000
800
600
400
200
0
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

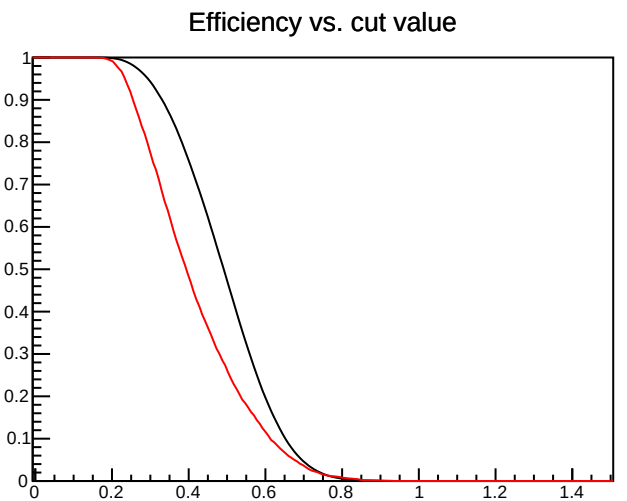

abs(posP-1.05*0.5), bad events
60
50
40
30
20
10
0
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5

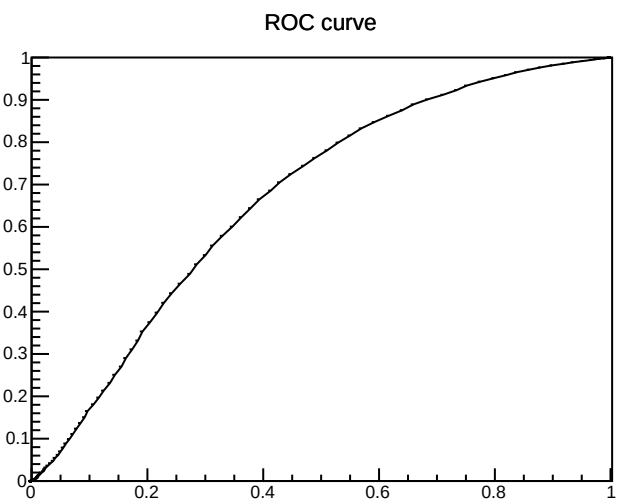

Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.1 0.2 0.3 0.4 0.5


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1


posP, good events
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4


posP, bad events
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4


Efficiency vs. cut value
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4


ROC curve
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1