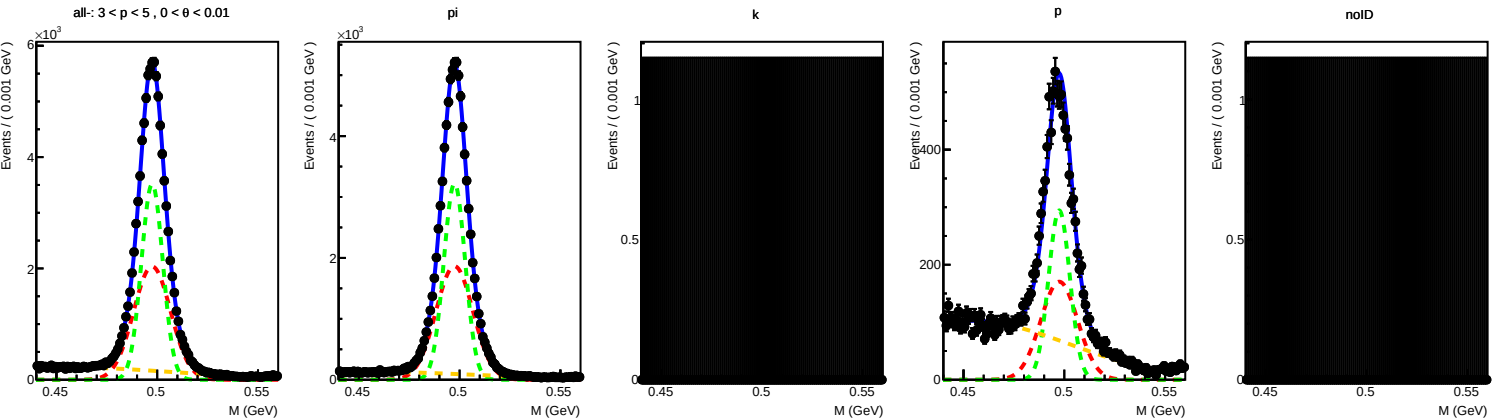
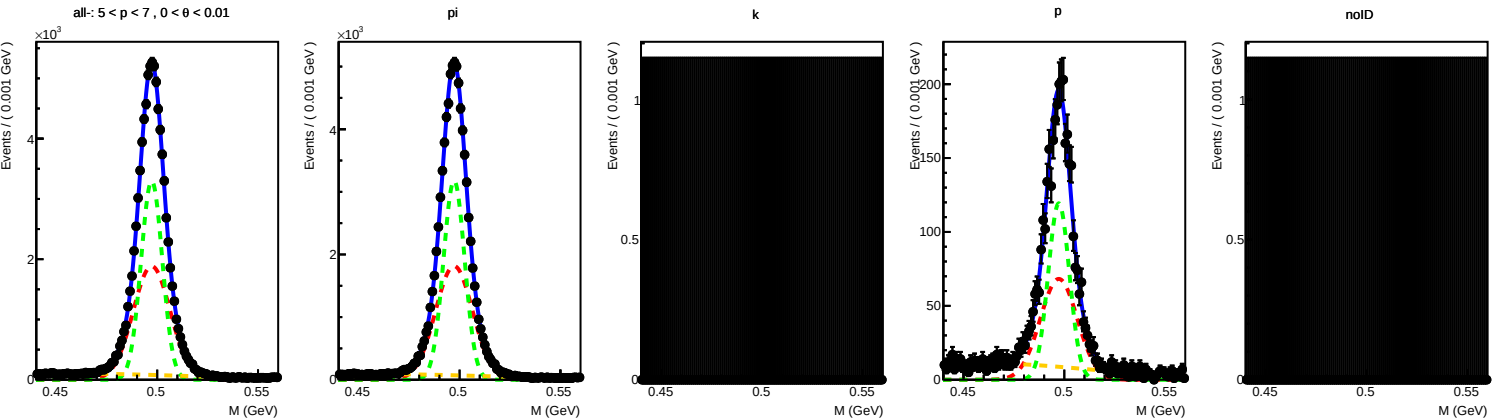
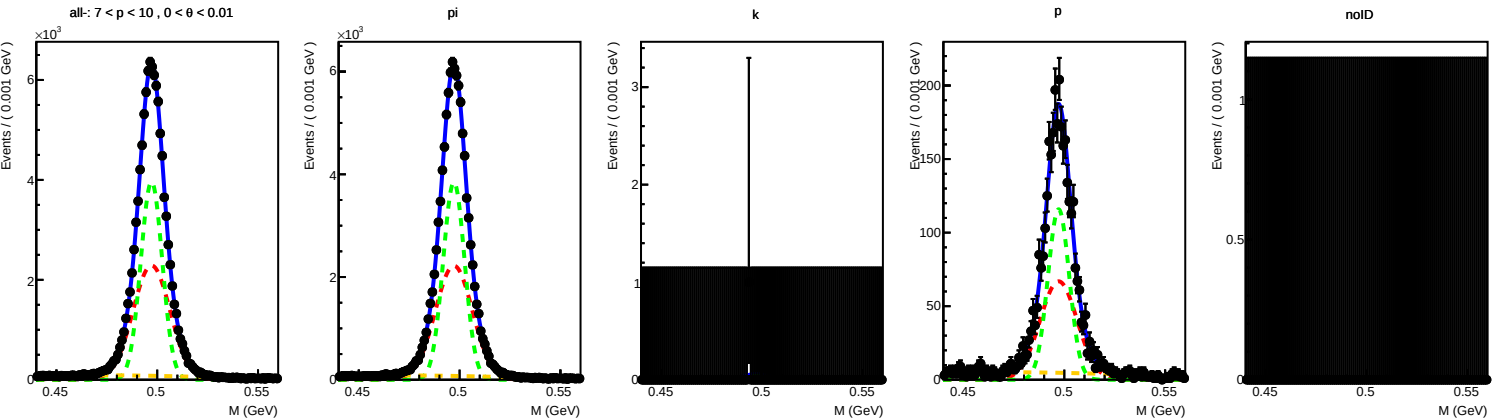
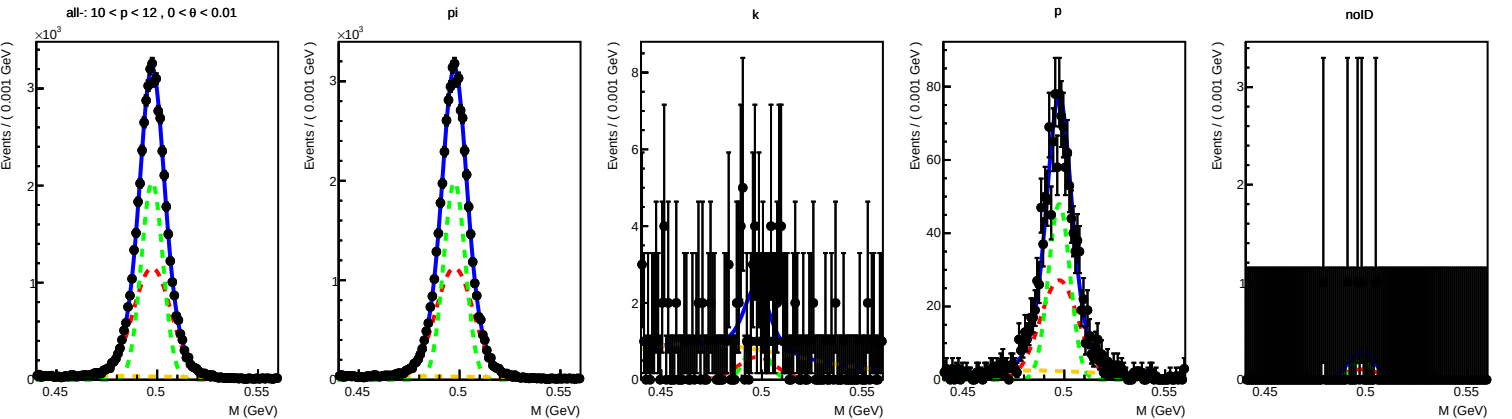
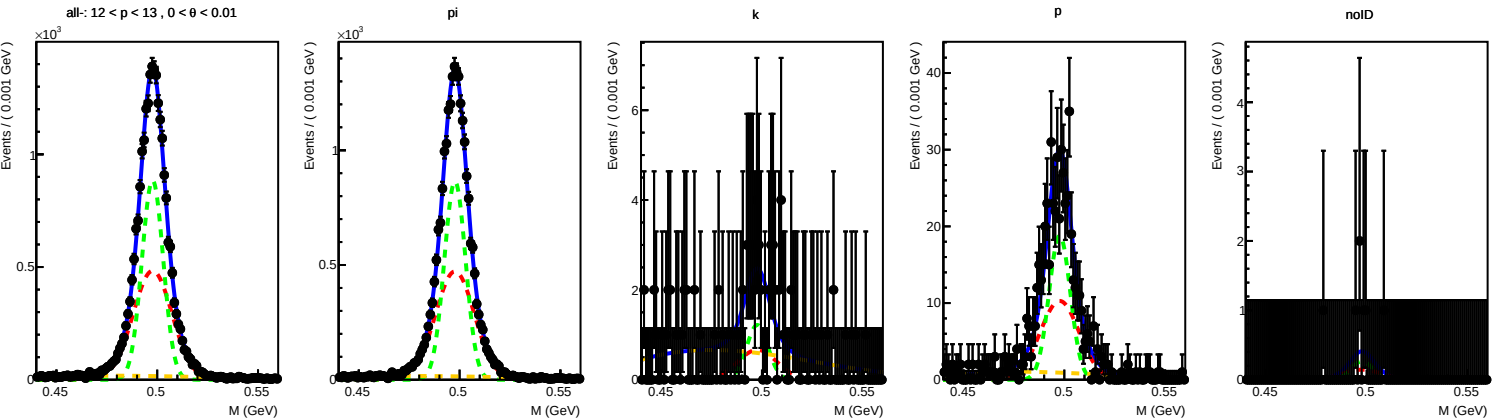
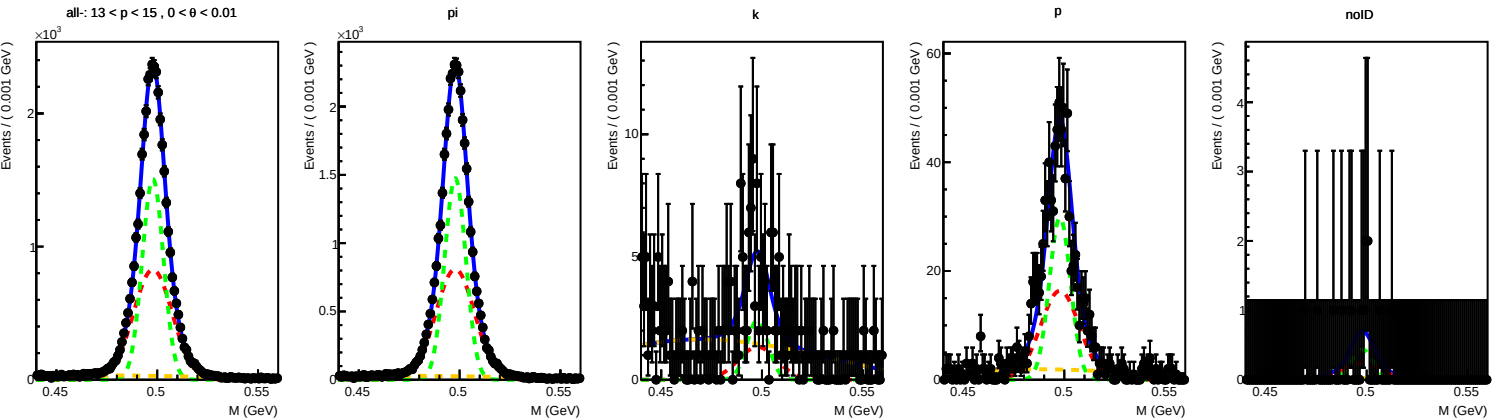

all-: 3 < p < 5 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10³
M (GeV)
0.45
0.5
0.55

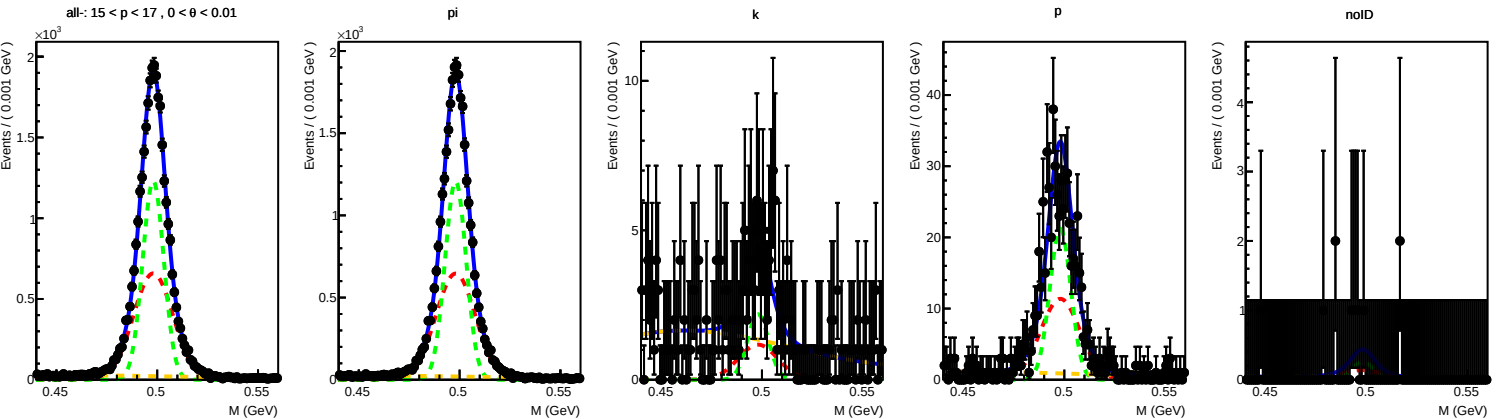

all-: 5 < p < 7 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

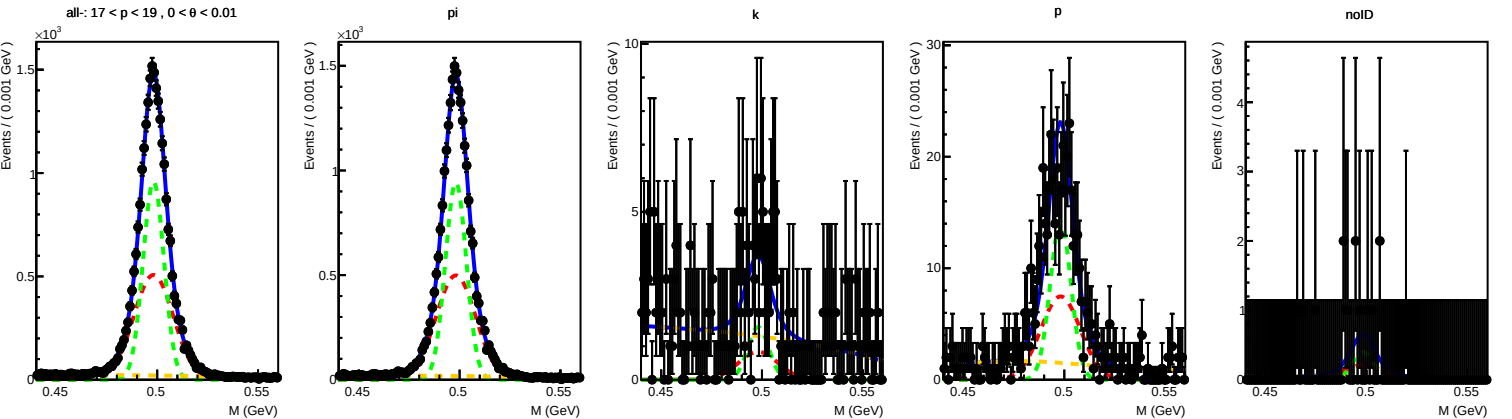

all-: 7 < p < 10 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

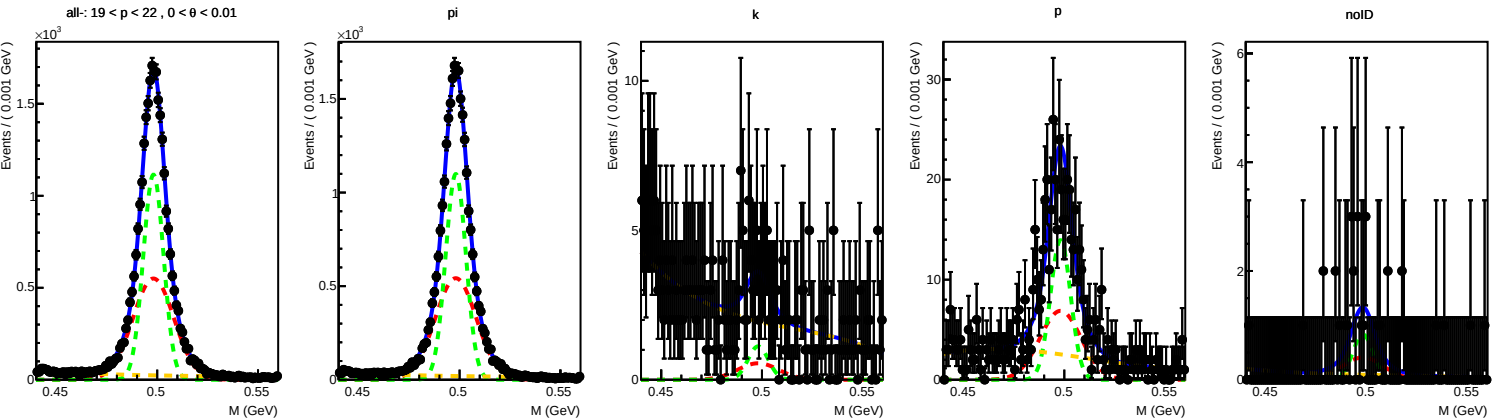

all-: 10 < p < 12 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

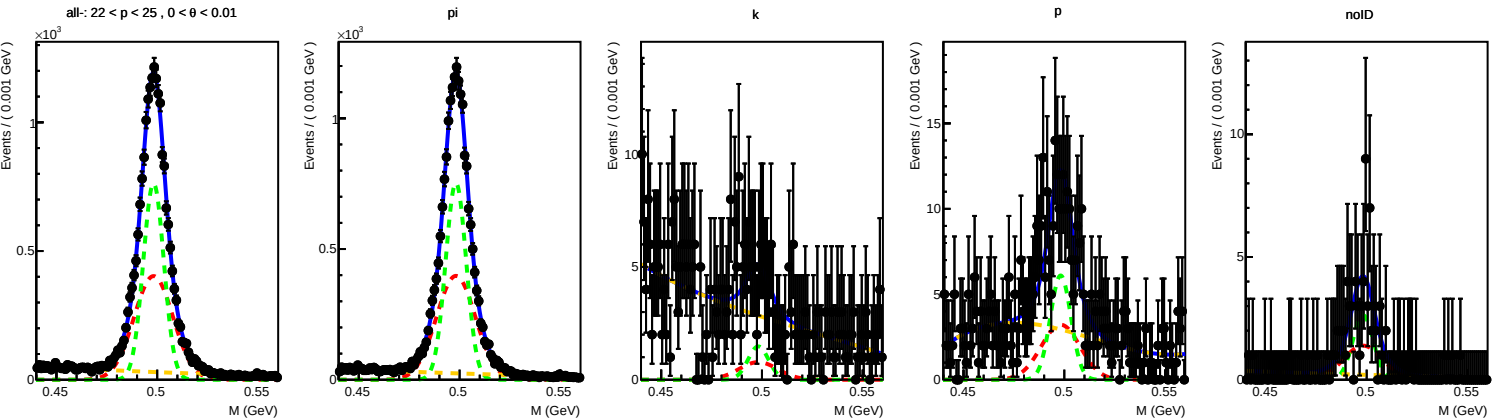

all-: 12 < p < 13 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

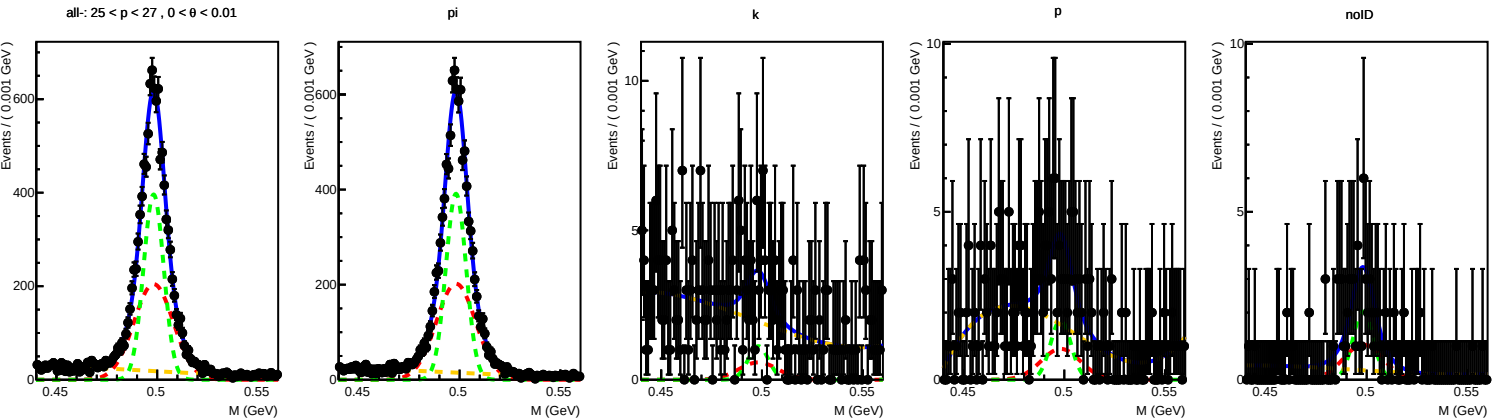

all-: 13 < p < 15 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

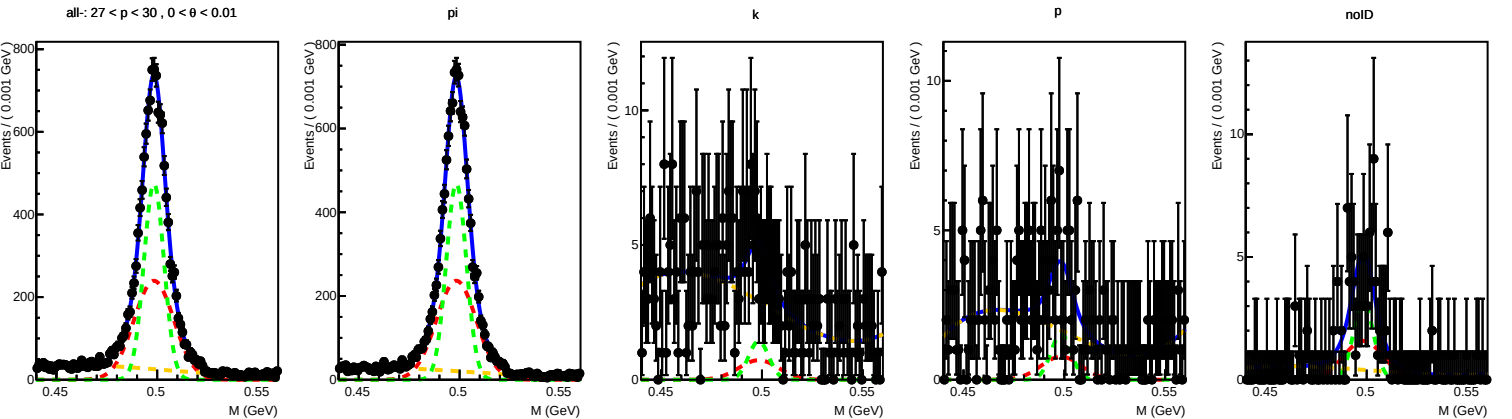

all-: 15 < p < 17 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

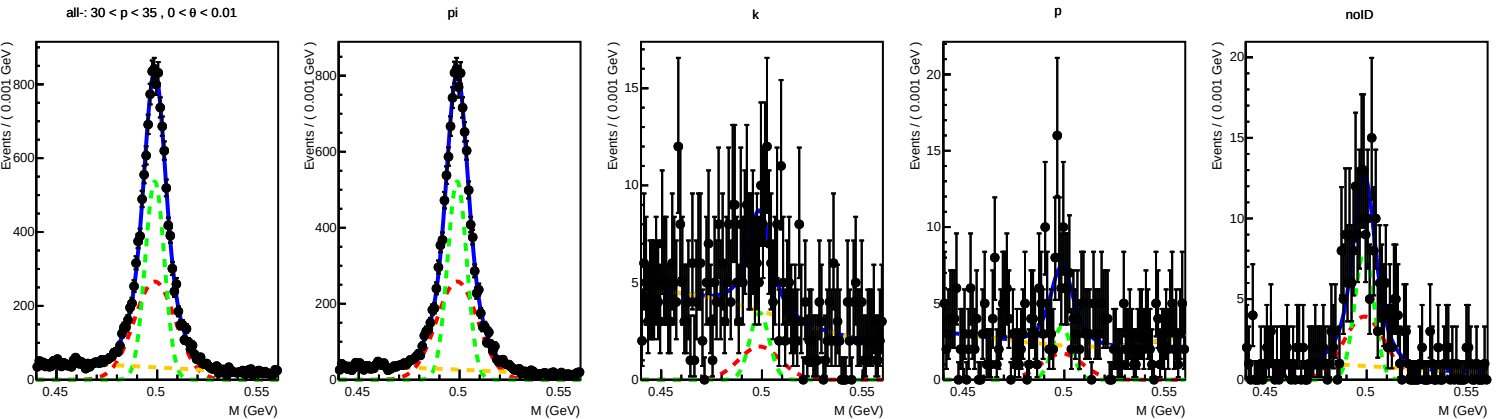

all-: 17 < p < 19 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

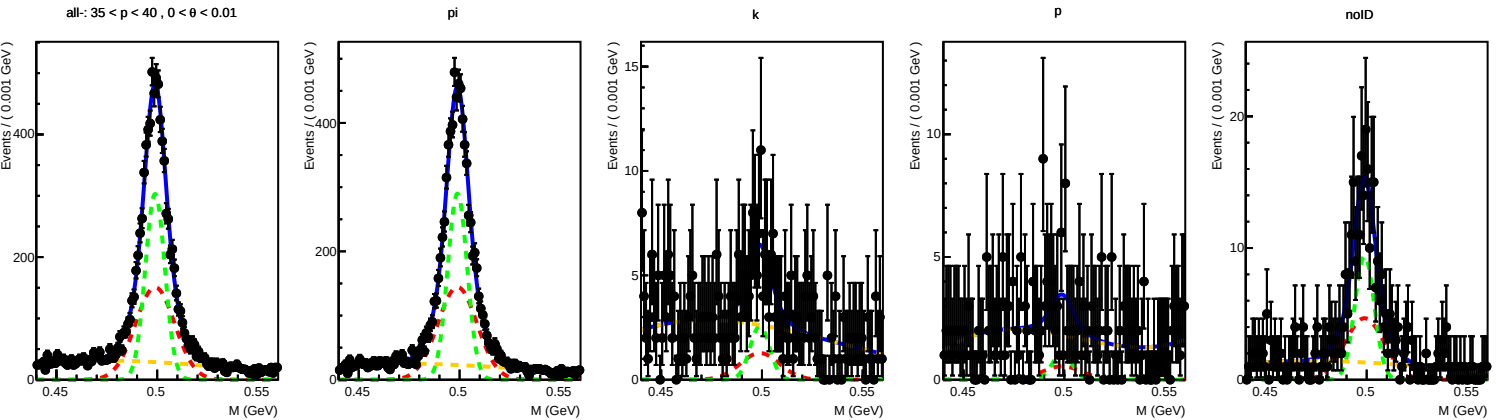

all-: 19 < p < 22 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³

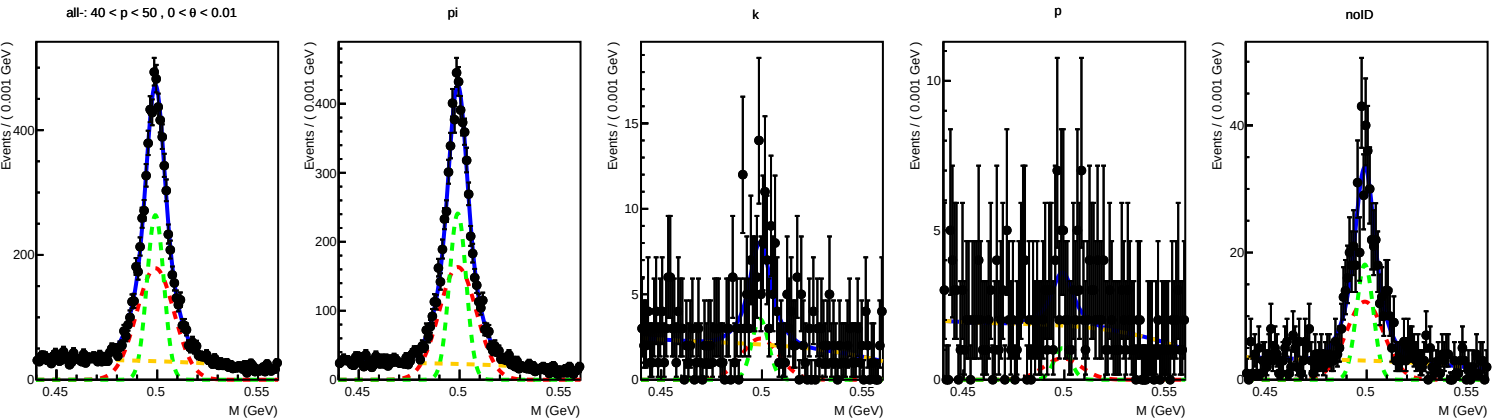

all-: 22 < p < 25 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
×10³
M (GeV)
0.45
0.5
0.55

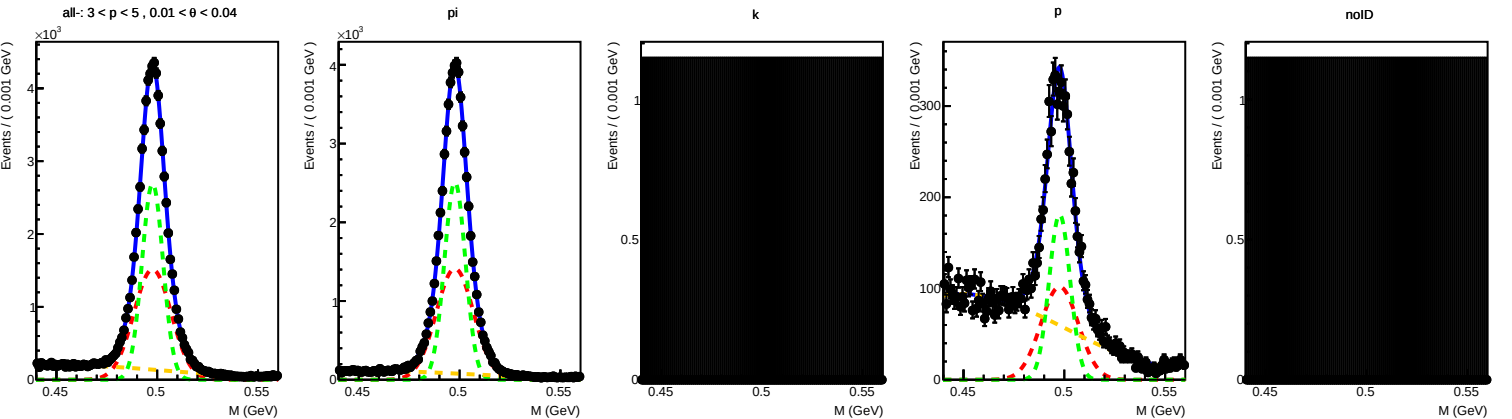

all-: 25 < p < 27 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
5
10
0.45
0.5
0.55

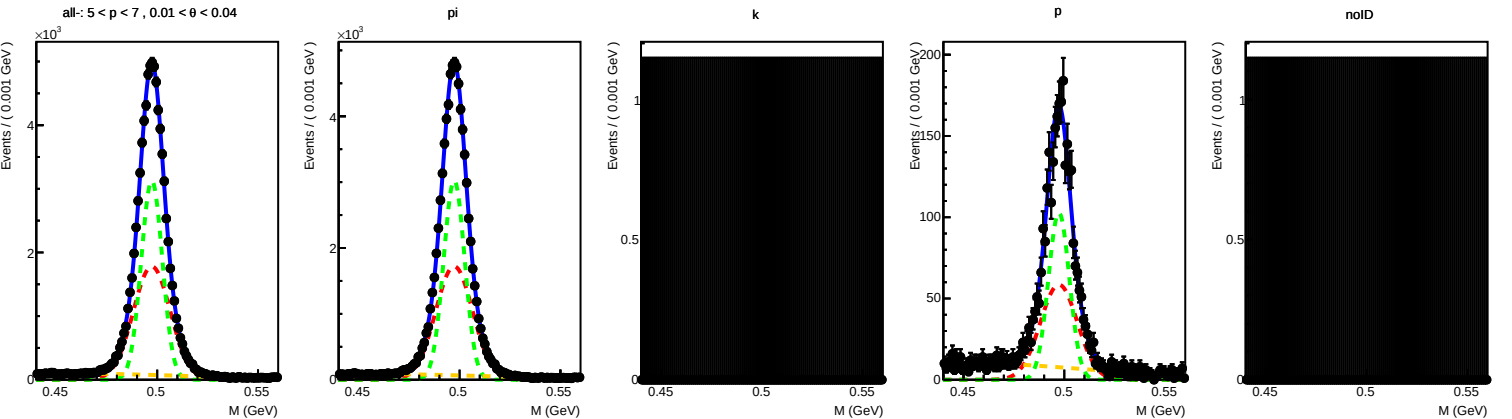

all-: 27 < p < 30 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
800
5
10
0.45
0.5
0.55

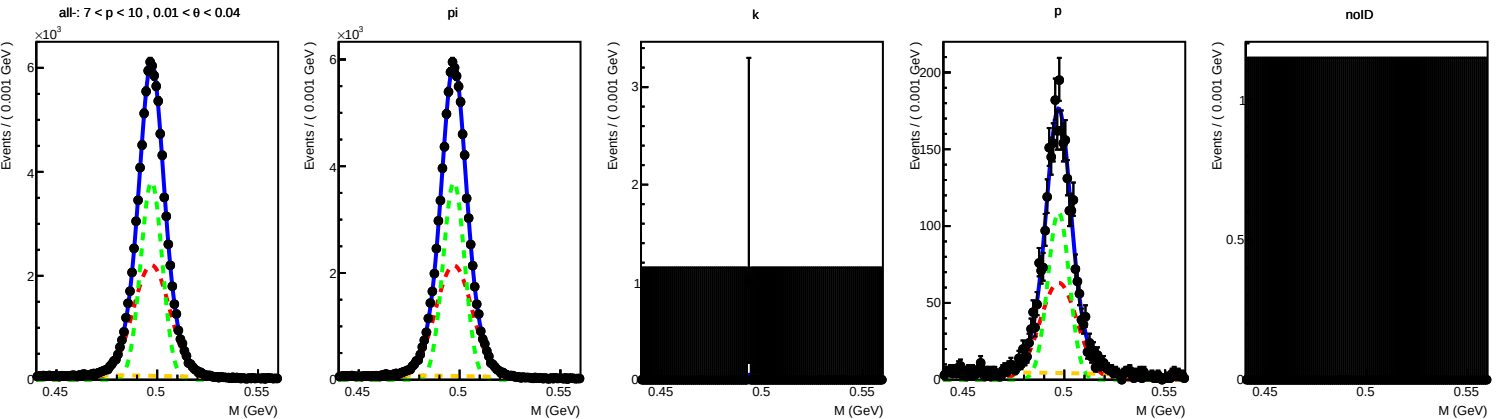

all-: 30 < p < 35 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55

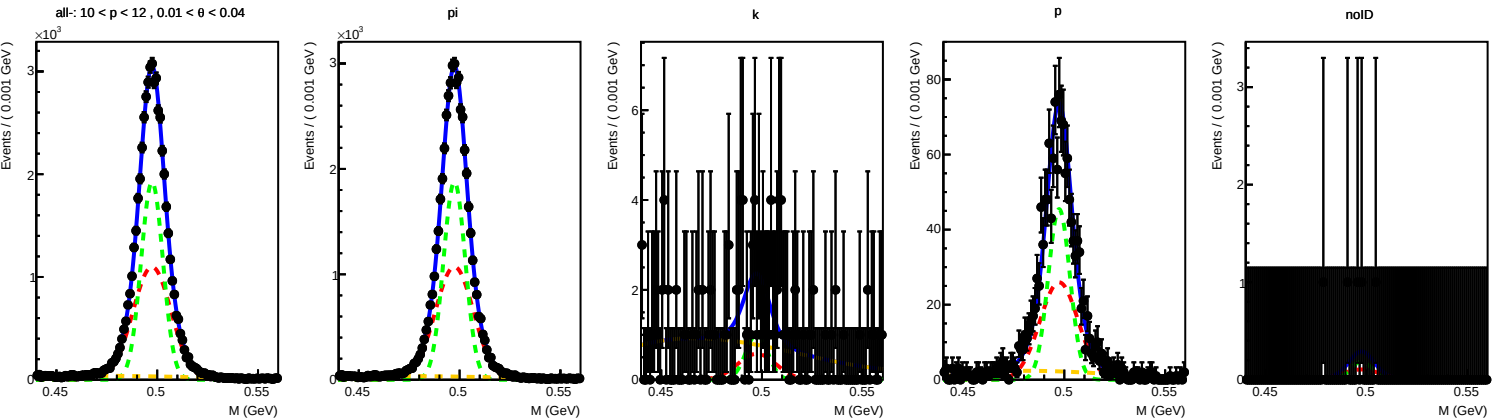

all-: 35 < p < 40 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55
0
200
400
5
10
15
20

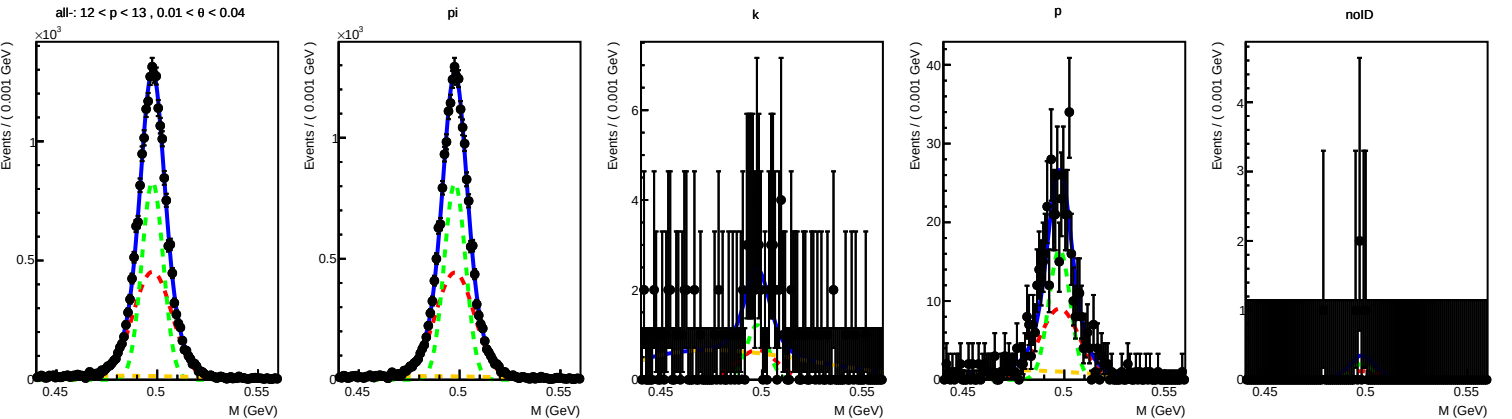

all-: 40 < p < 50 , 0 < θ < 0.01
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55

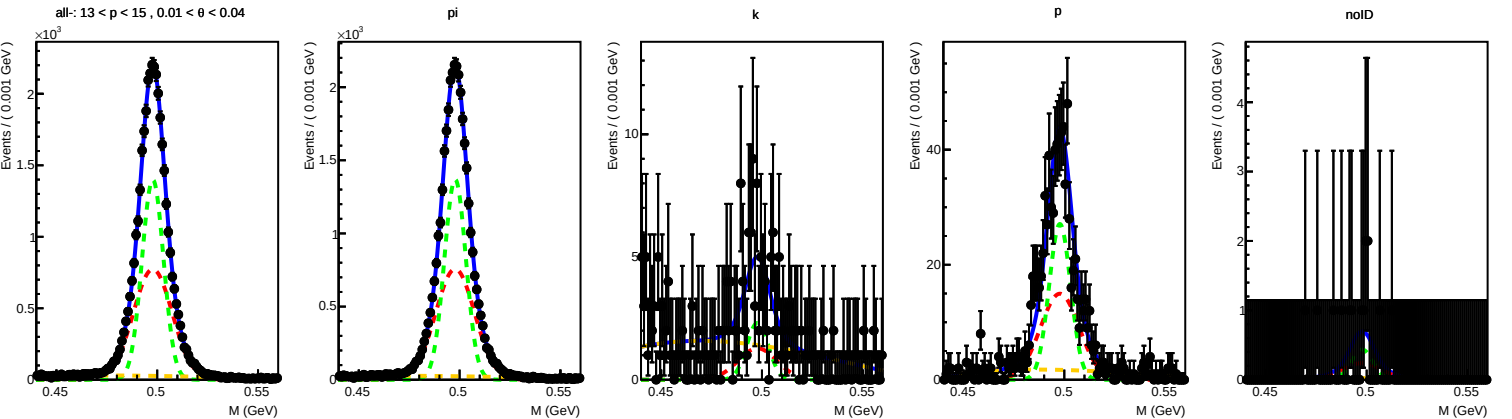

all-: 3 < p < 5 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³

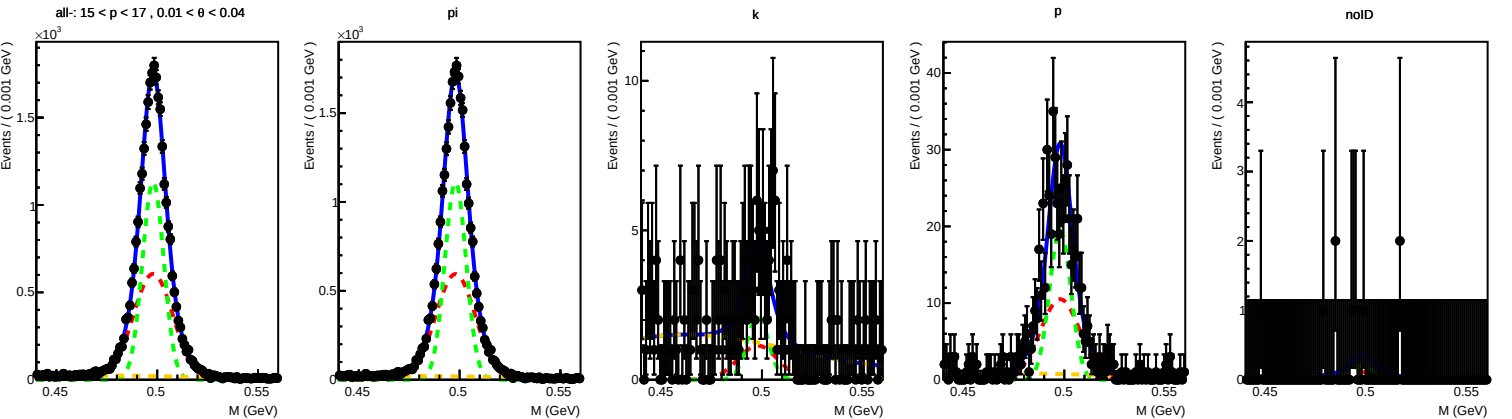

all-: 5 < p < 7 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

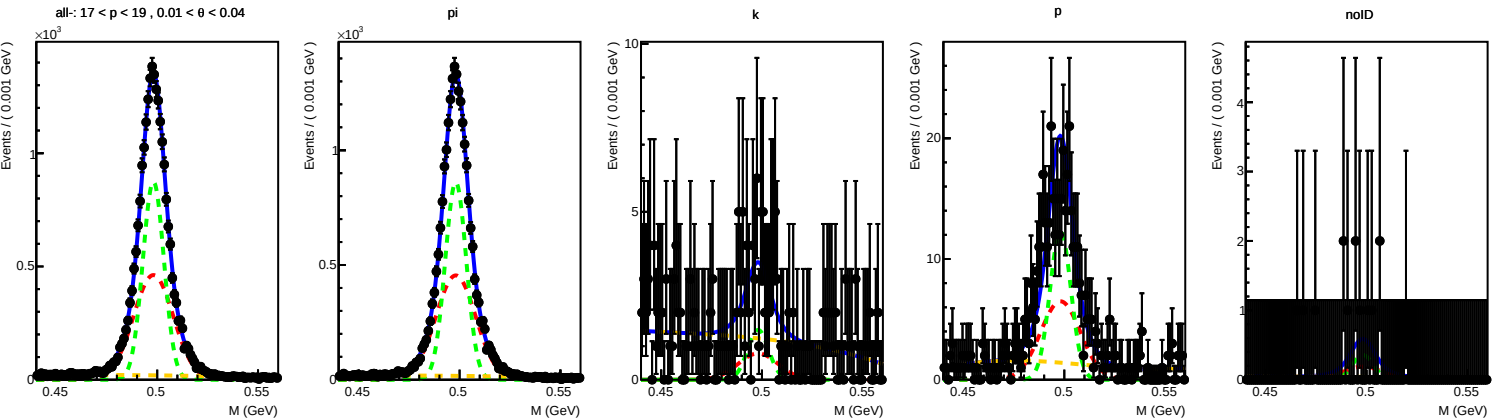

all-: 7 < p < 10 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

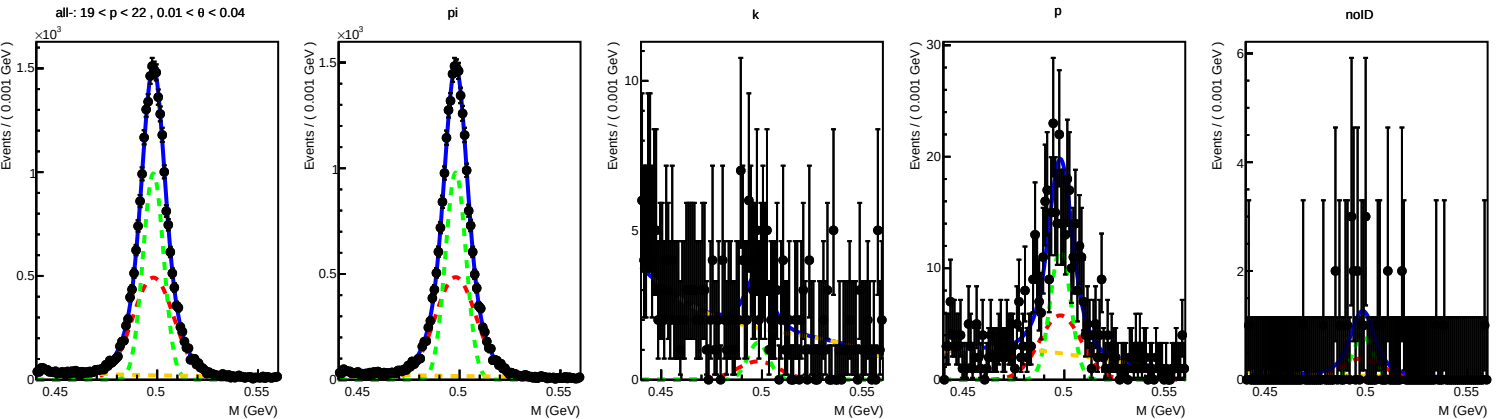

all-: 10 < p < 12 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10^3
0.45
0.5
0.55

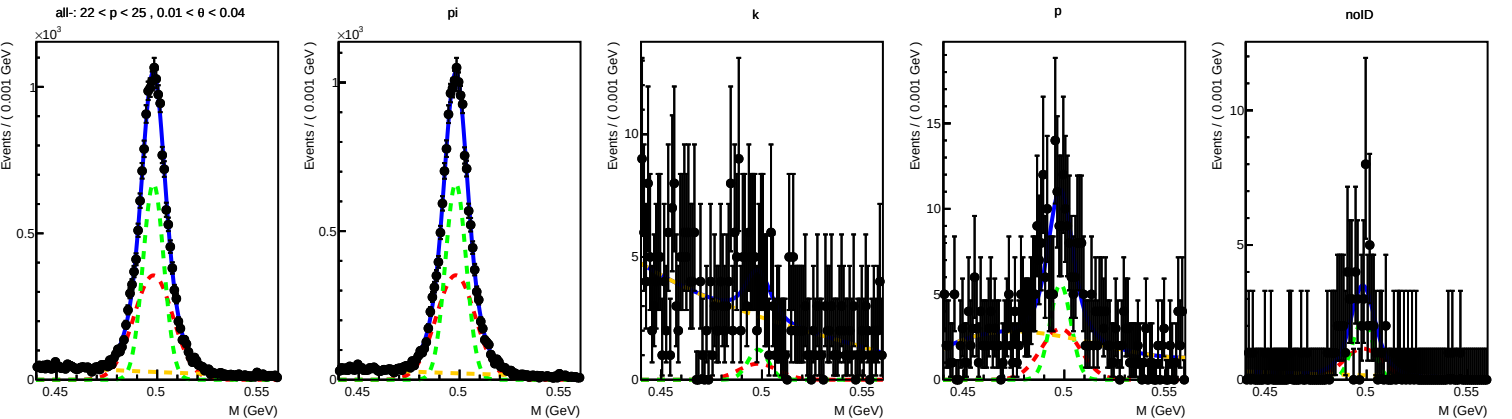

all-: 12 < p < 13 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

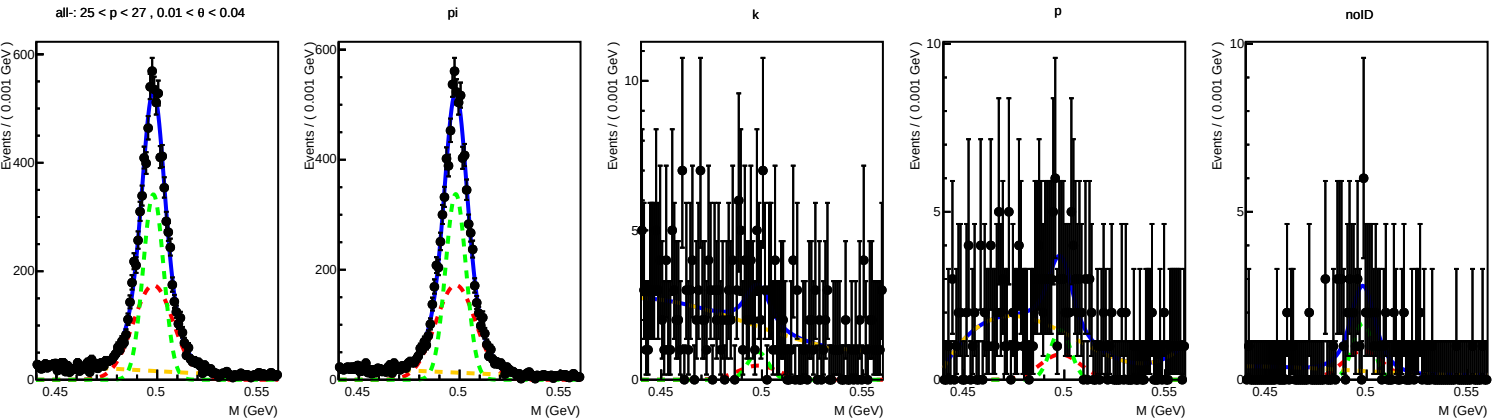

all-: 13 < p < 15 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

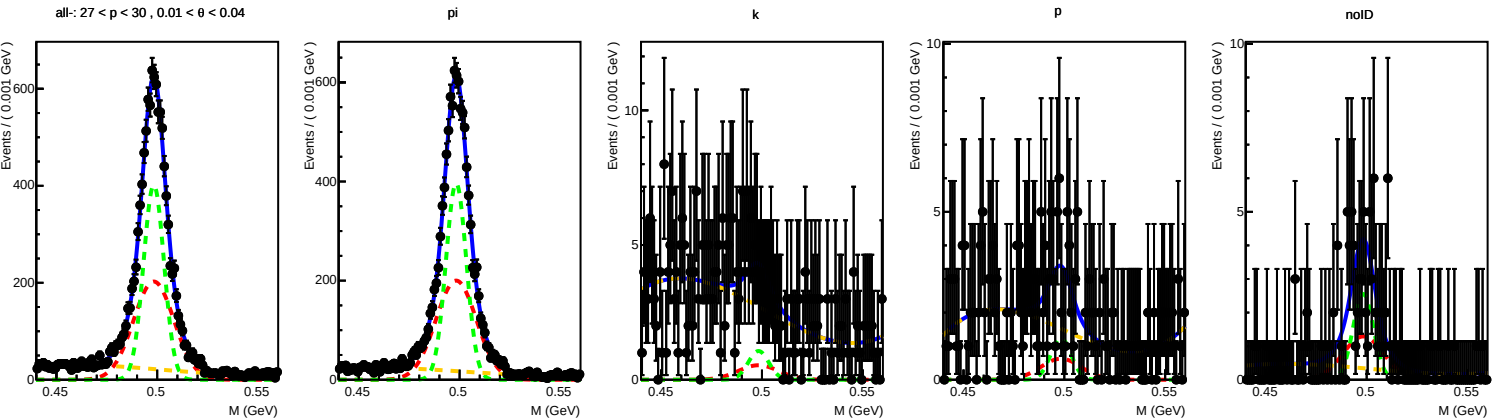

all-: 15 < p < 17 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10^3

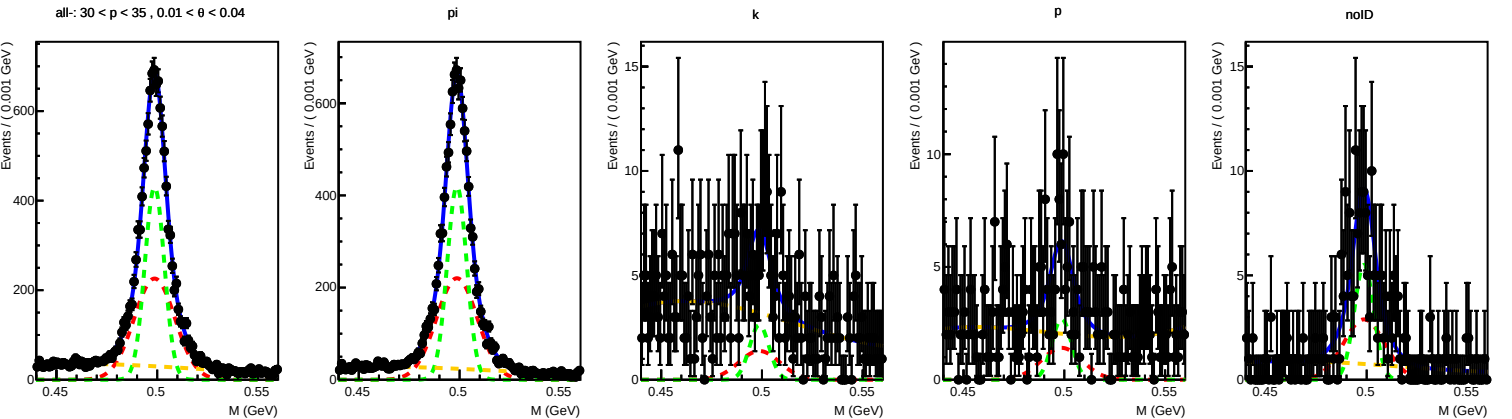

all-: 17 < p < 19 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

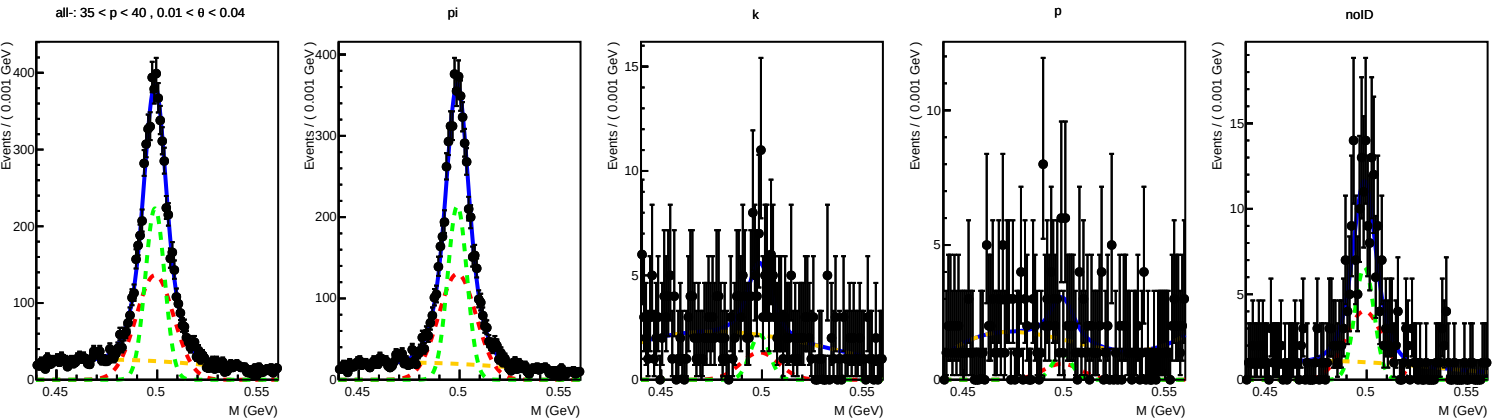

all-: 19 < p < 22 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10^3

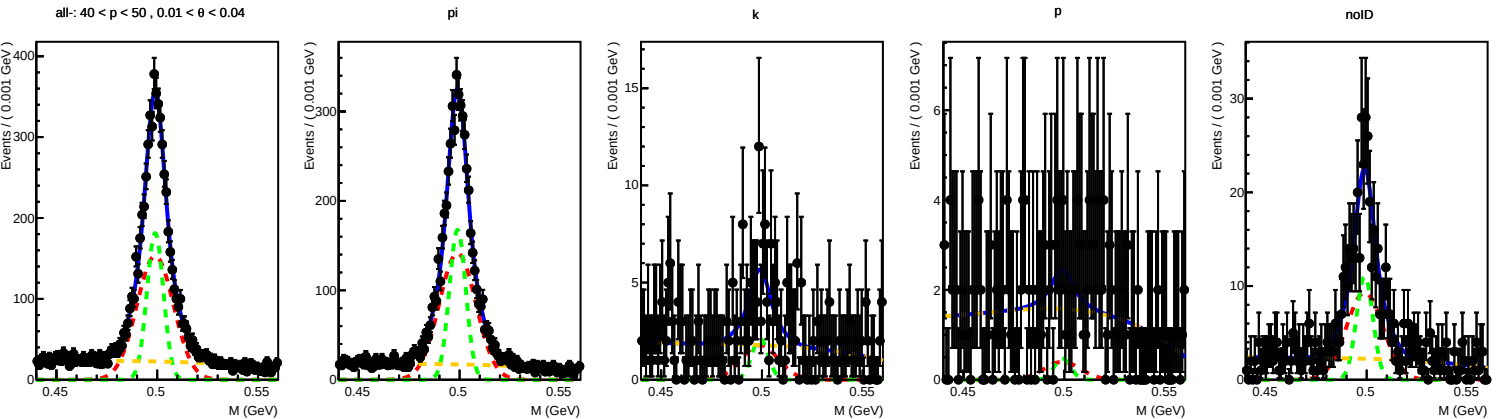

all-: 22 < p < 25 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
×10³
M (GeV)
0.45
0.5
0.55

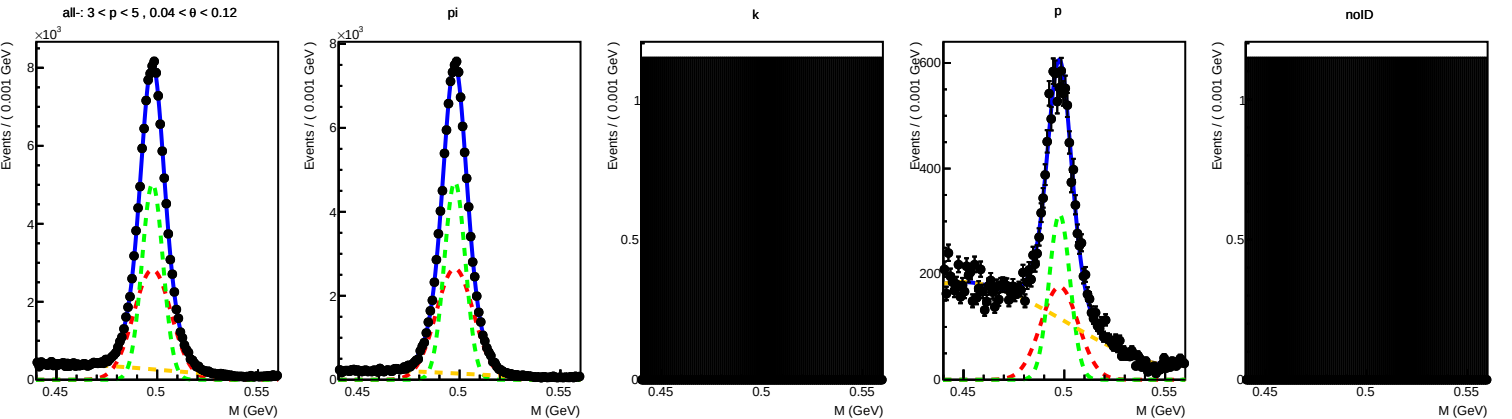

all-: 25 < p < 27 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
5
10
0.45
0.5
0.55

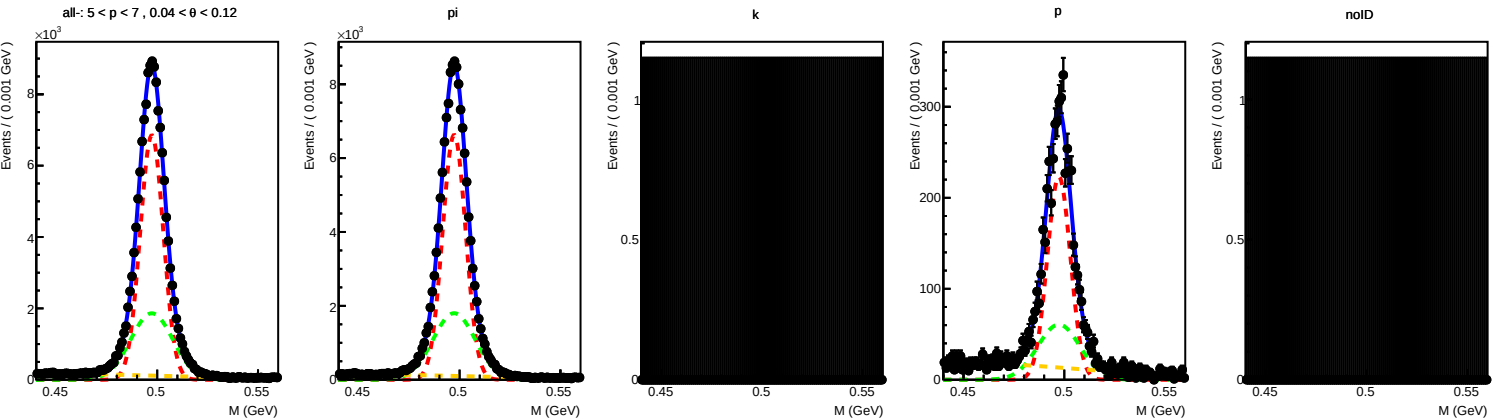

all-: 27 < p < 30 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
5
10
0.45
0.5
0.55

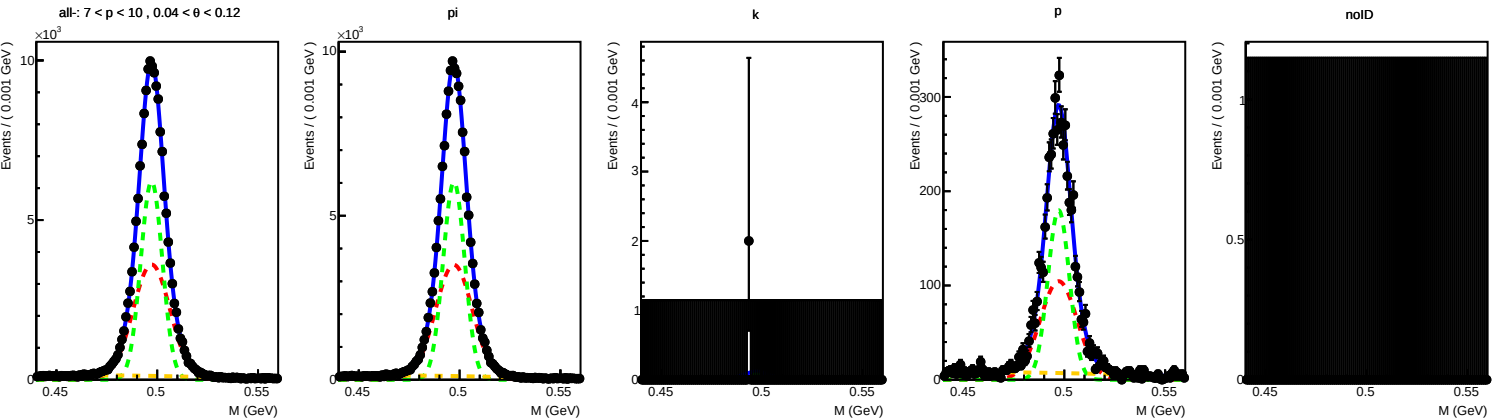

all-: 30 < p < 35 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55
0
200
400
600
5
10
15

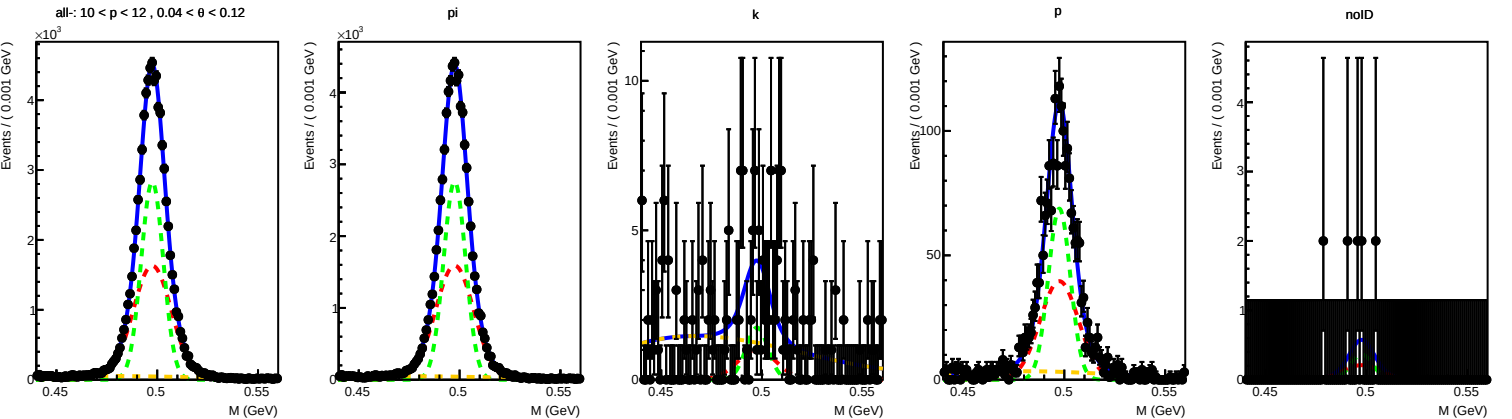

all-: 35 < p < 40 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55

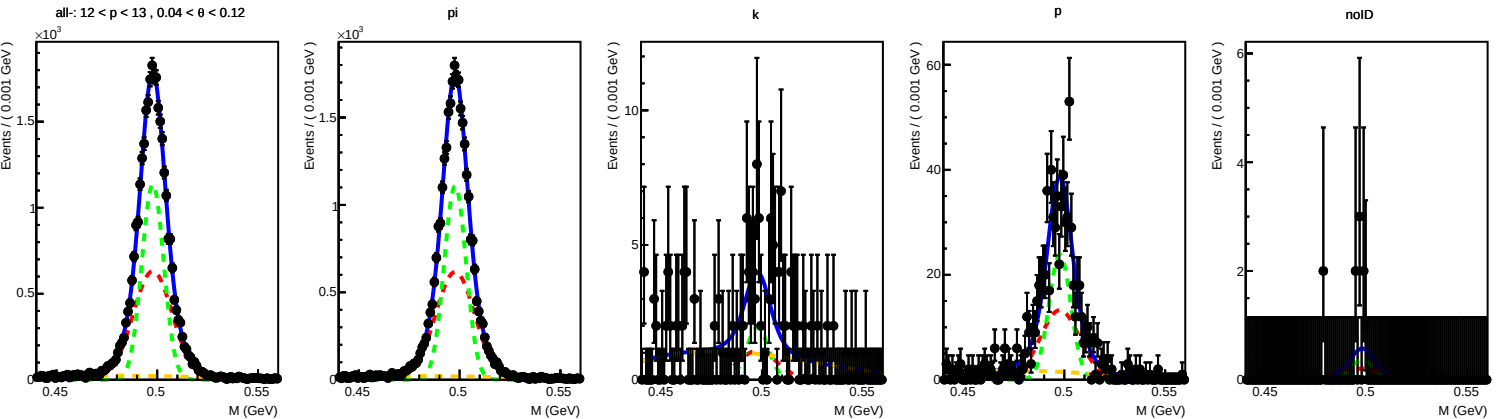

all-: 40 < p < 50 , 0.01 < θ < 0.04
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55

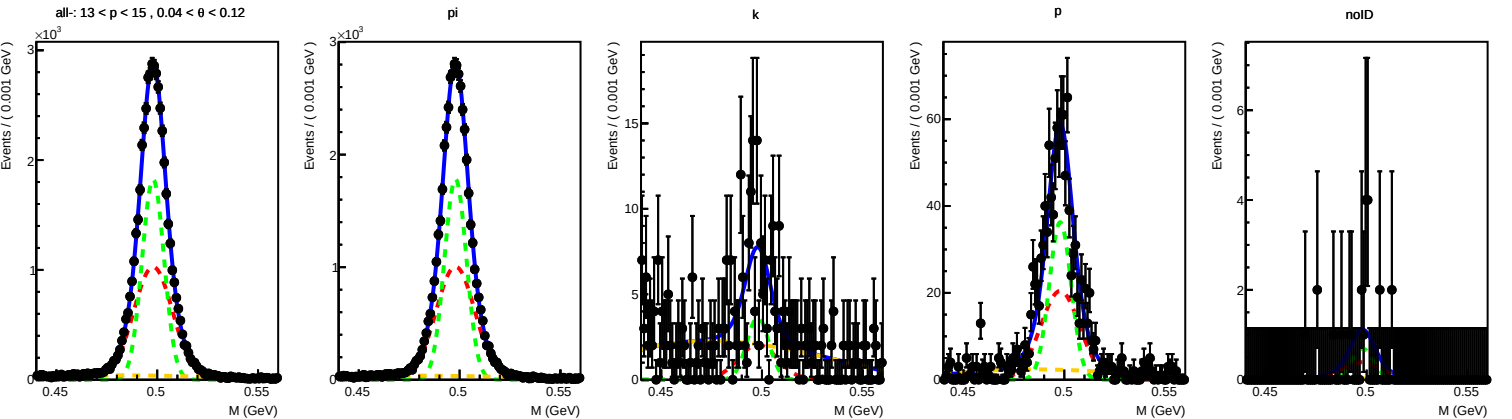

all-: 3 < p < 5 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
×10³
M (GeV)
0.45
0.5
0.55

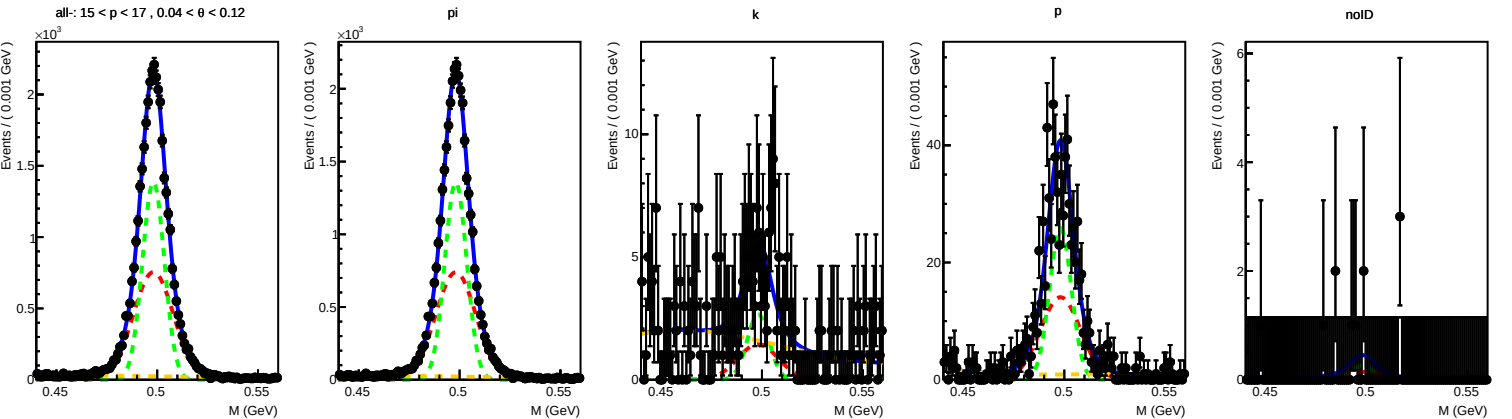

all-: 5 < p < 7 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

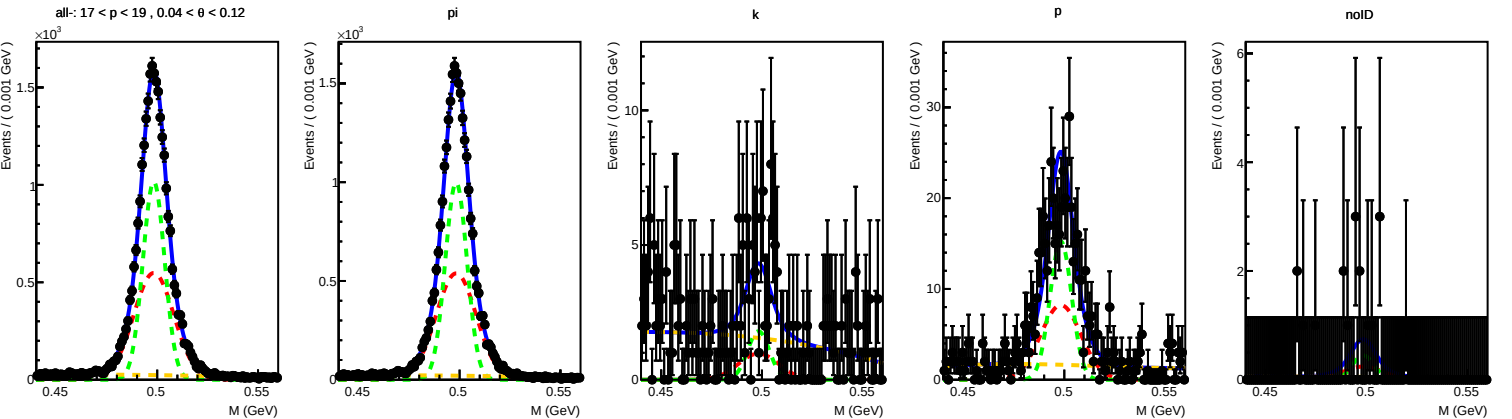

all-: 7 < p < 10 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

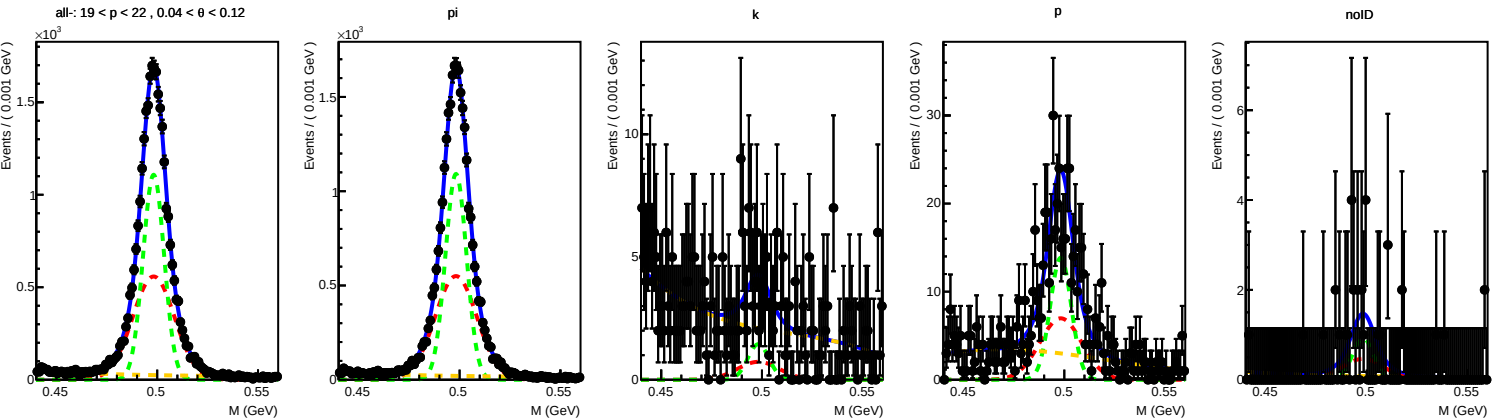

all-: 10 < p < 12 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

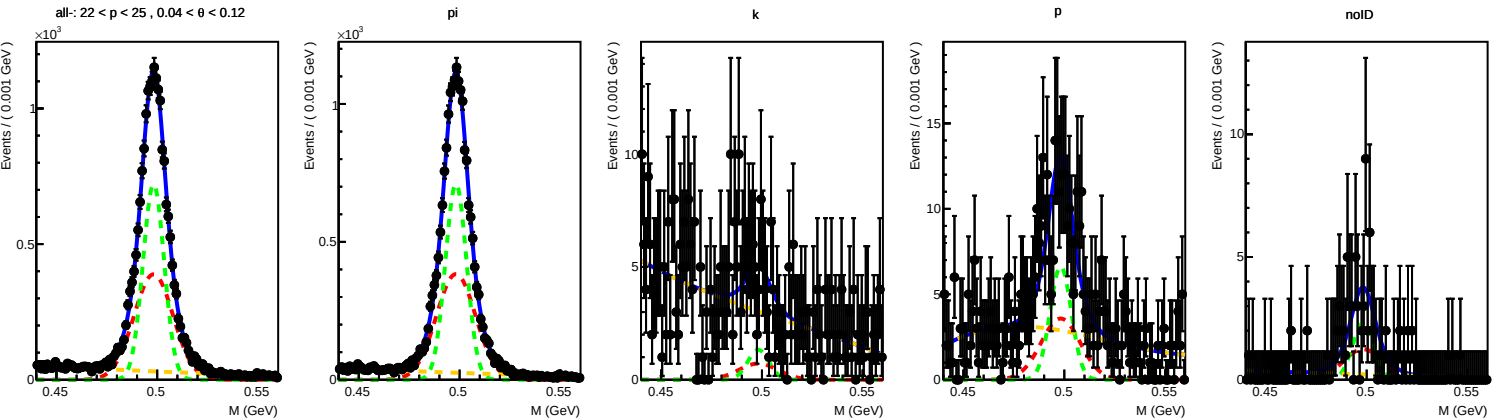

all-: 12 < p < 13 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

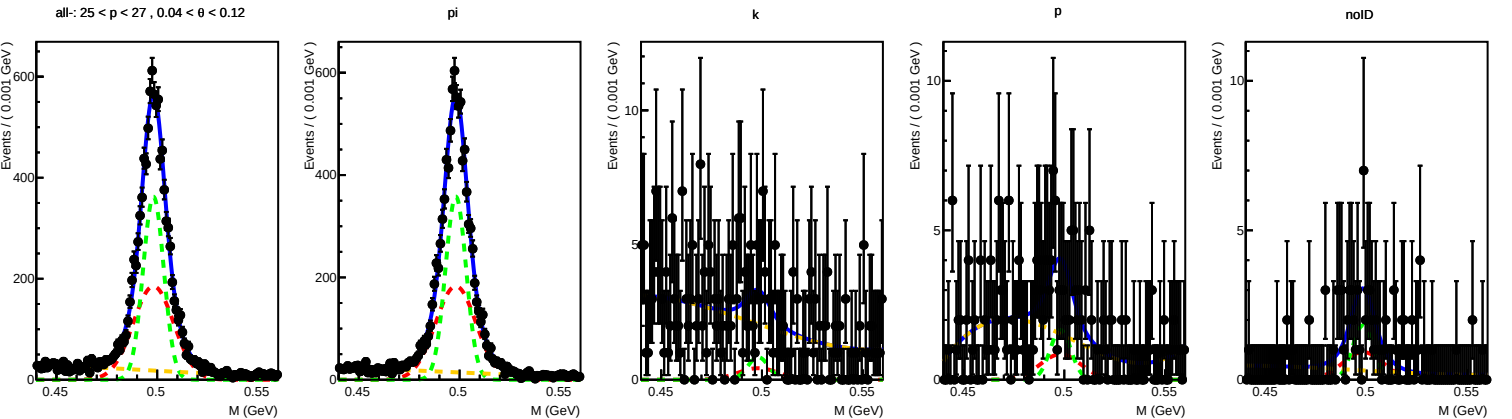

all-: 13 < p < 15 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

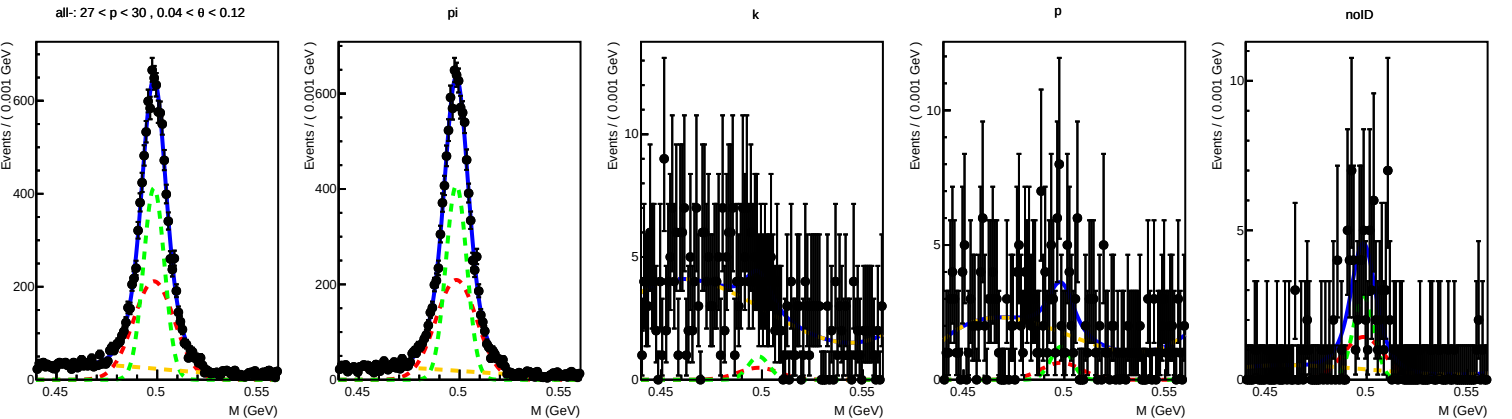

all-: 15 < p < 17 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

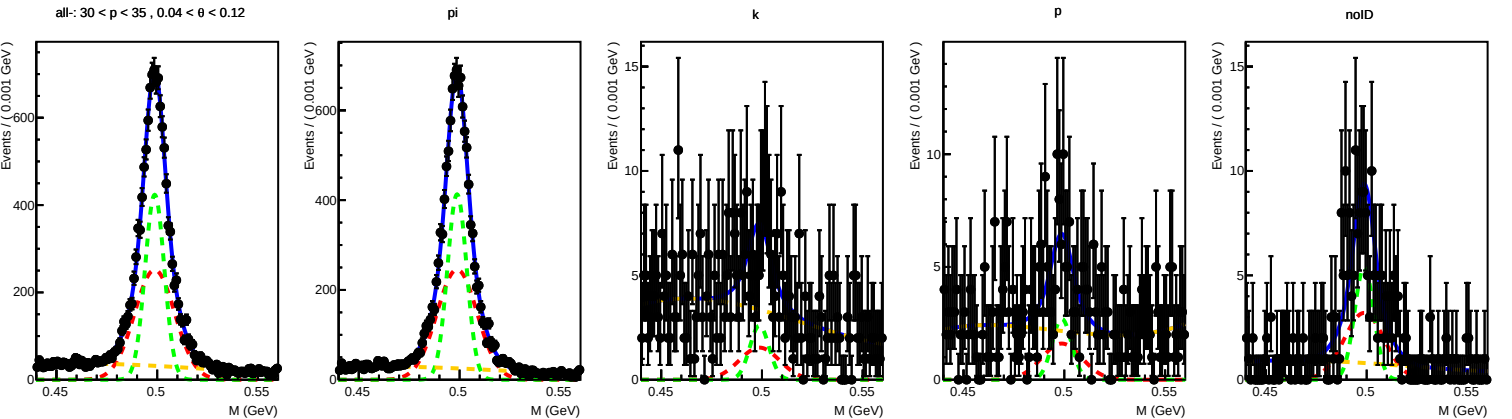

all-: 17 < p < 19 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10³
0.45
0.5
0.55

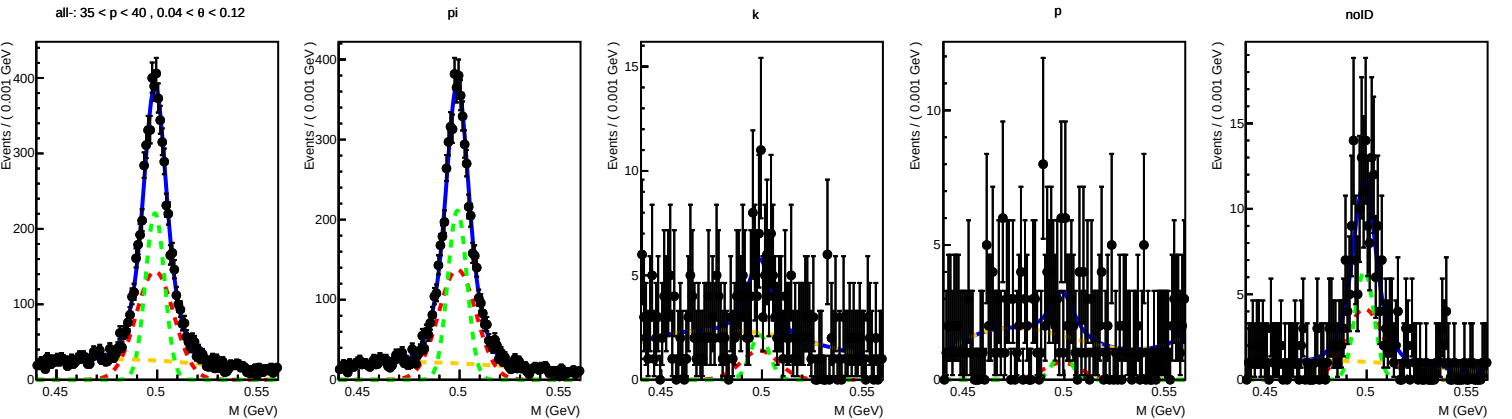

all-: 19 < p < 22 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
×10^3
0.45
0.5
0.55

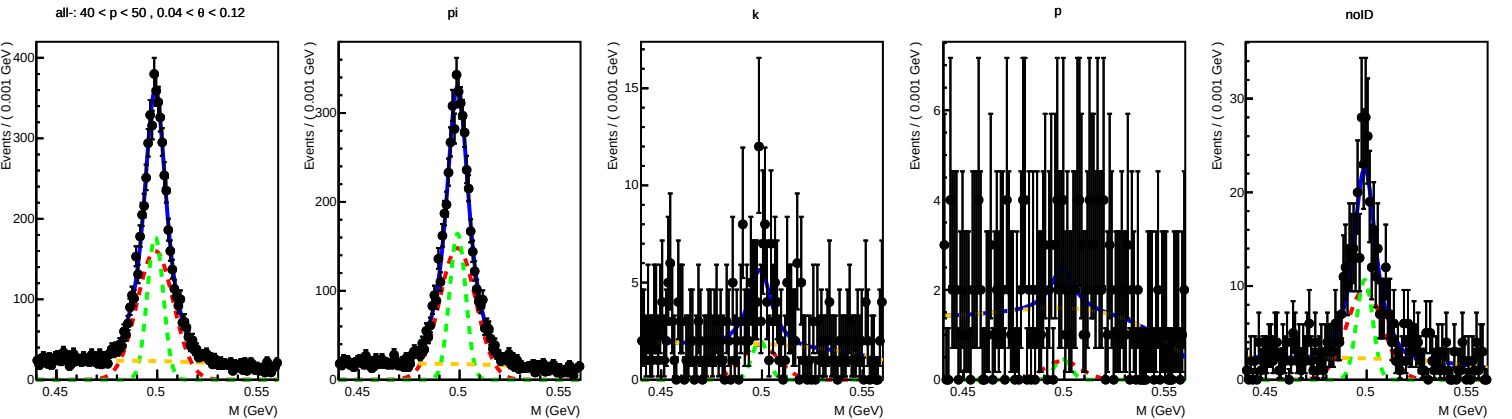

all-: 22 < p < 25 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55

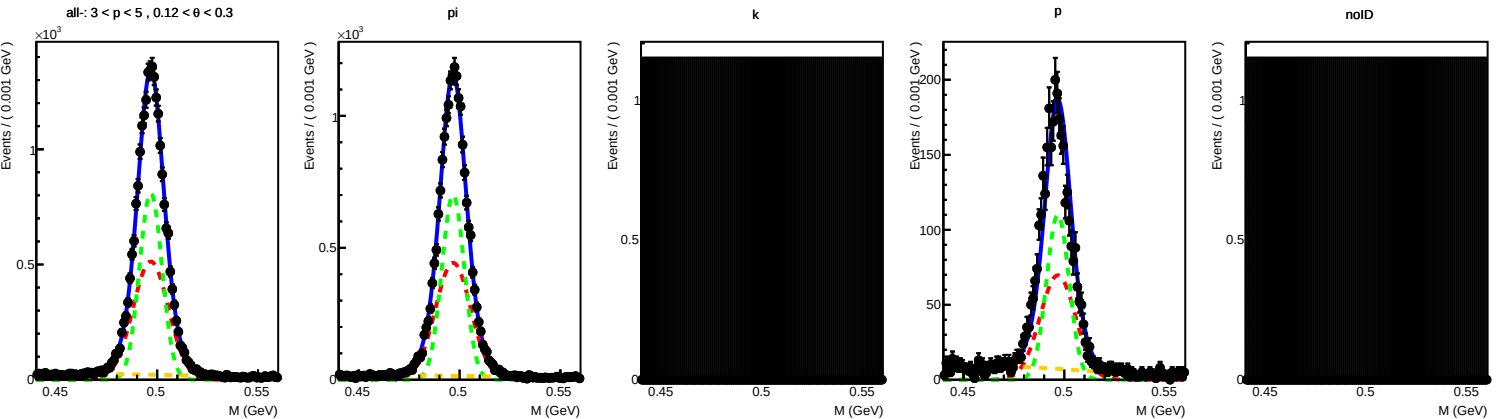

all-: 25 < p < 27 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
5
10
0.45
0.5
0.55

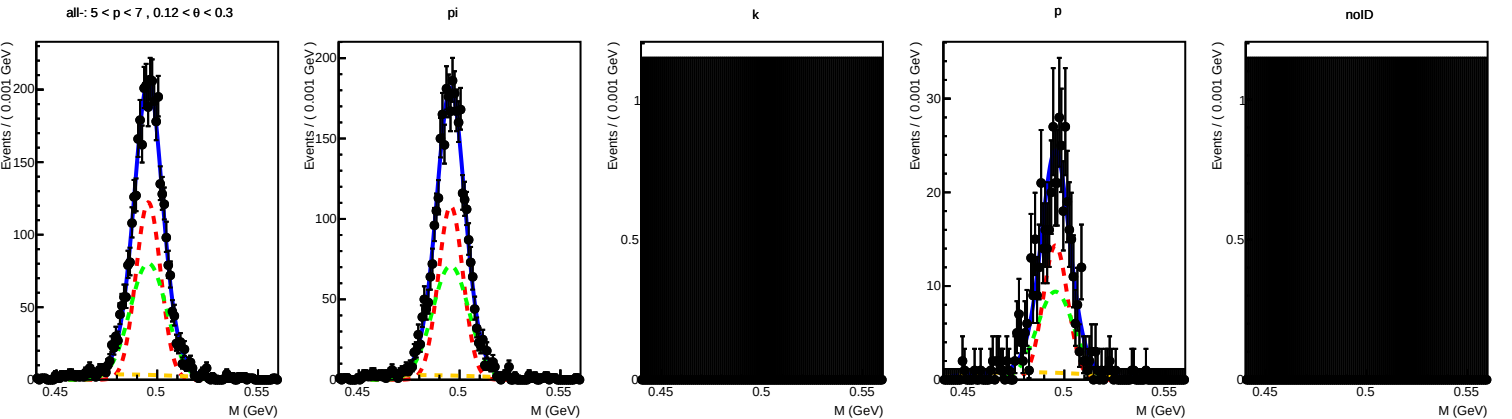

all-: 27 < p < 30 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
5
10
0.45
0.5
0.55

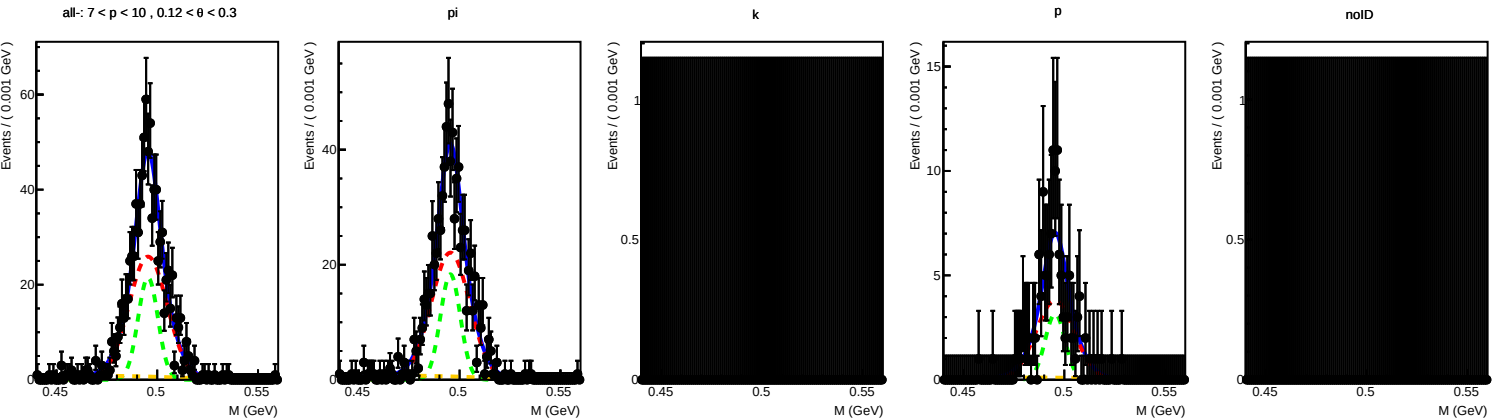

all-: 30 < p < 35 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0
200
400
600
5
10
15
0.45
0.5
0.55

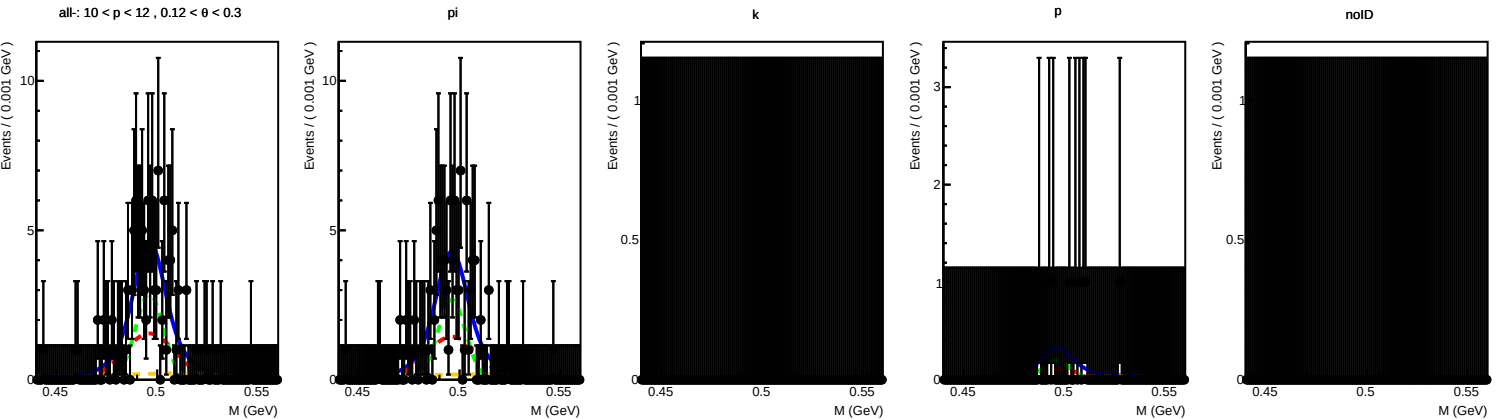

all-: 35 < p < 40 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55


all-: 40 < p < 50 , 0.04 < θ < 0.12
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55


all-: 3 < p < 5 , 0.12 < θ < 0.3
pi
k
p
noID
Events / ( 0.001 GeV )
×10^3
M (GeV)
0.45
0.5
0.55
0
0.5
1
50
100
150
200


all-: 5 < p < 7 , 0.12 < θ < 0.3
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55
0
50
100
150
200
10
20
30
0.5
1


all-: 7 < p < 10 , 0.12 < θ < 0.3
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55
0
20
40
60
0.5
1
5
10
15


all-: 10 < p < 12 , 0.12 < θ < 0.3
pi
k
p
noID
Events / ( 0.001 GeV )
M (GeV)
0.45
0.5
0.55
0
5
10
0.5
1
1
2
3