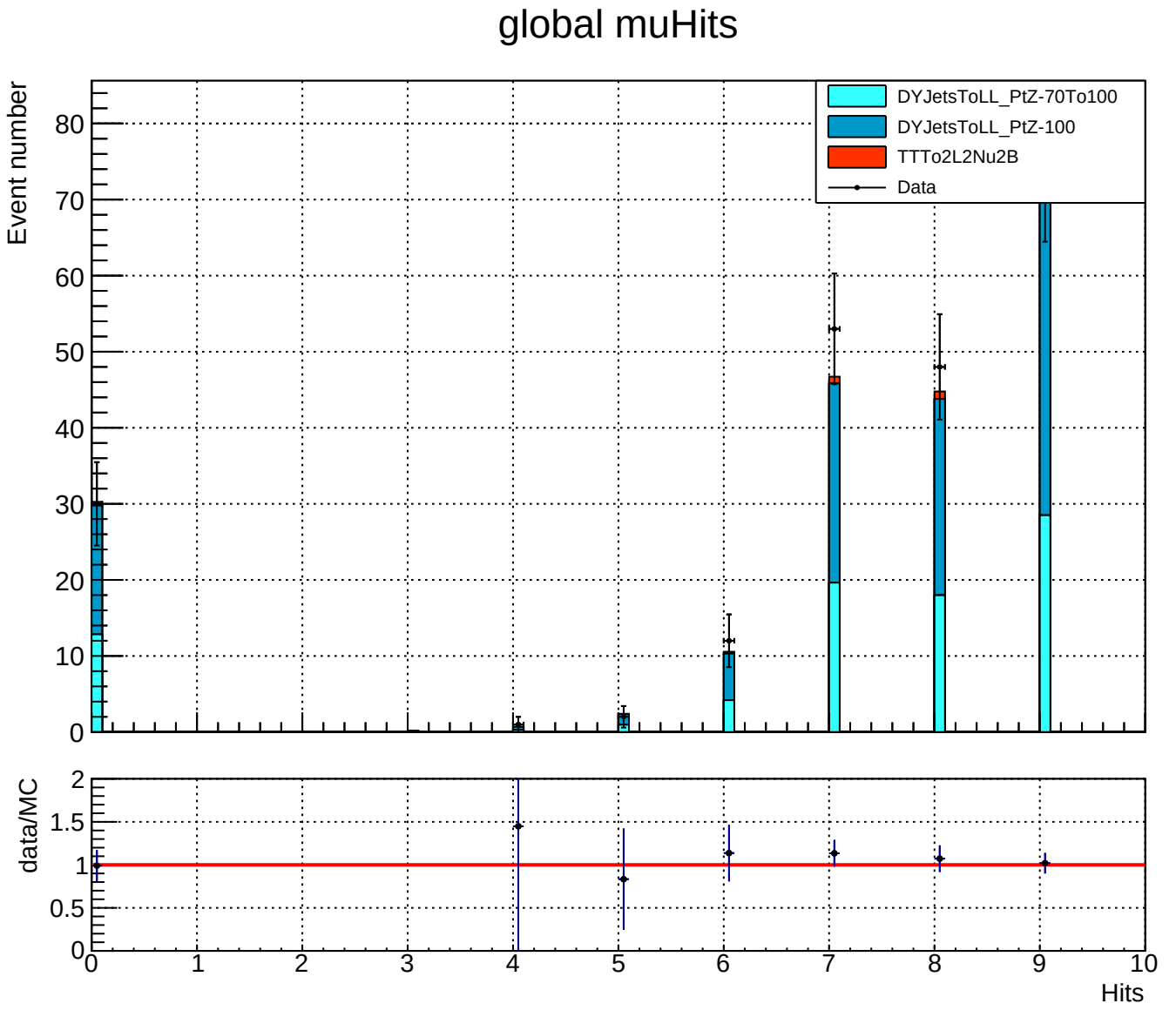
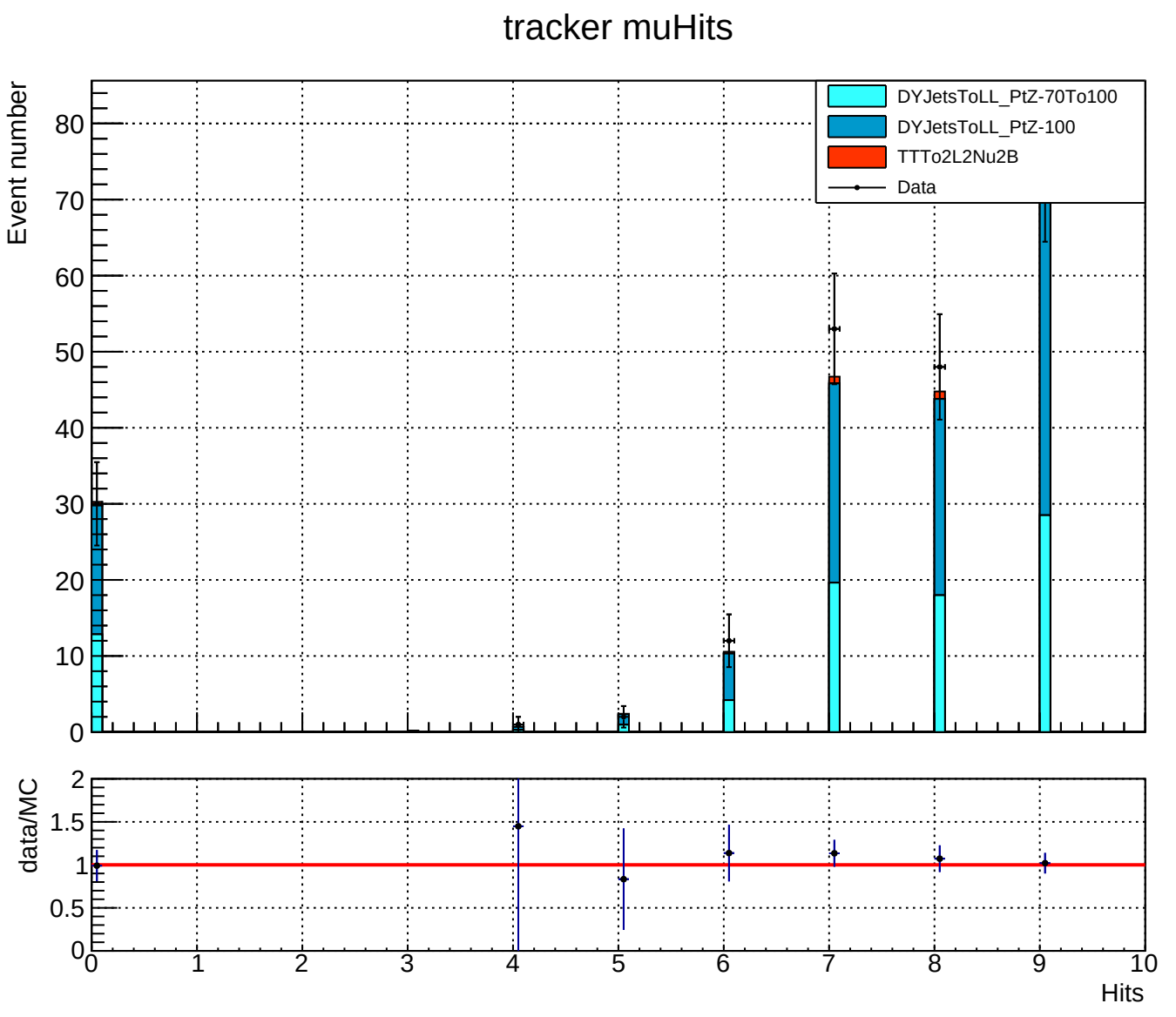
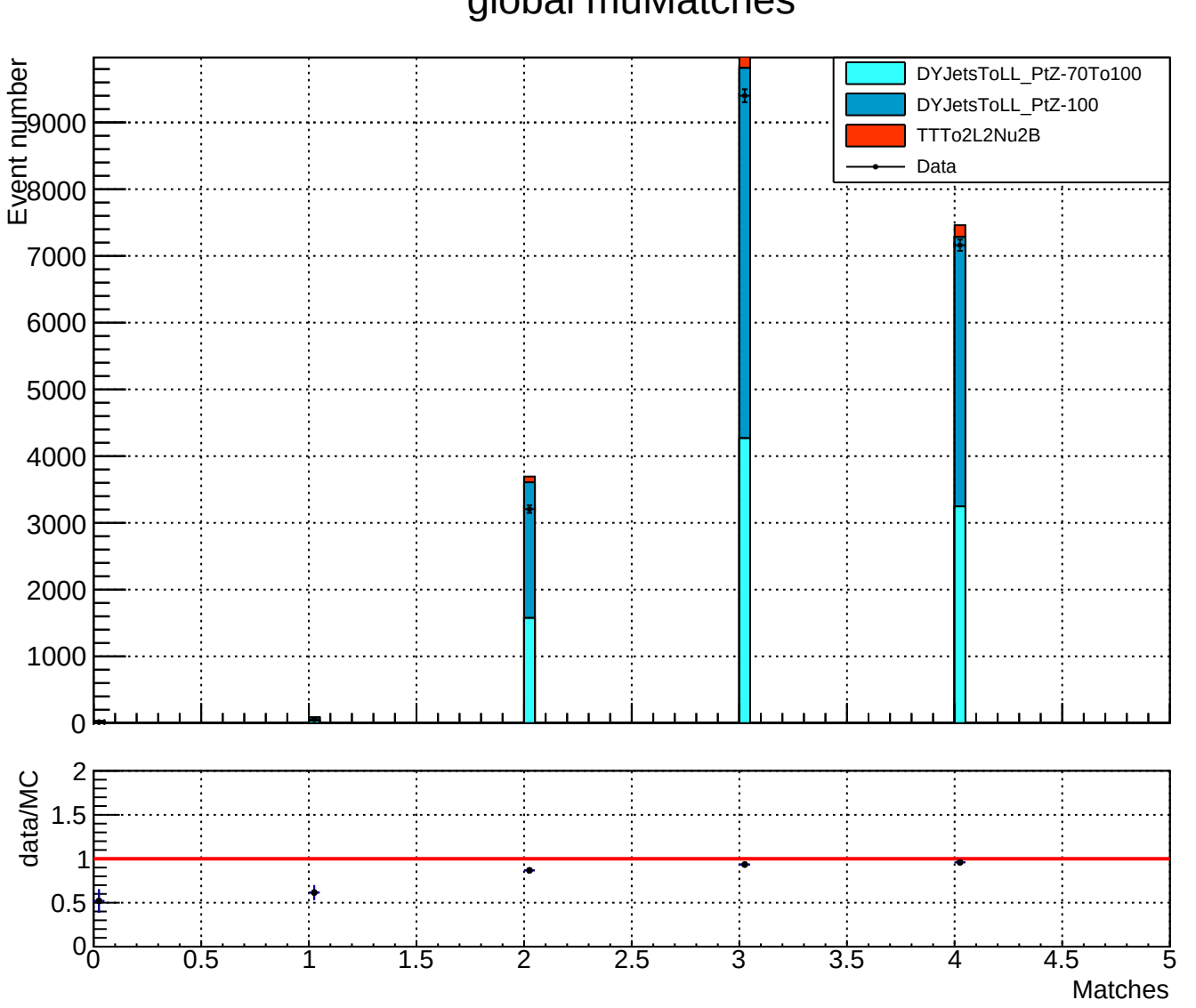
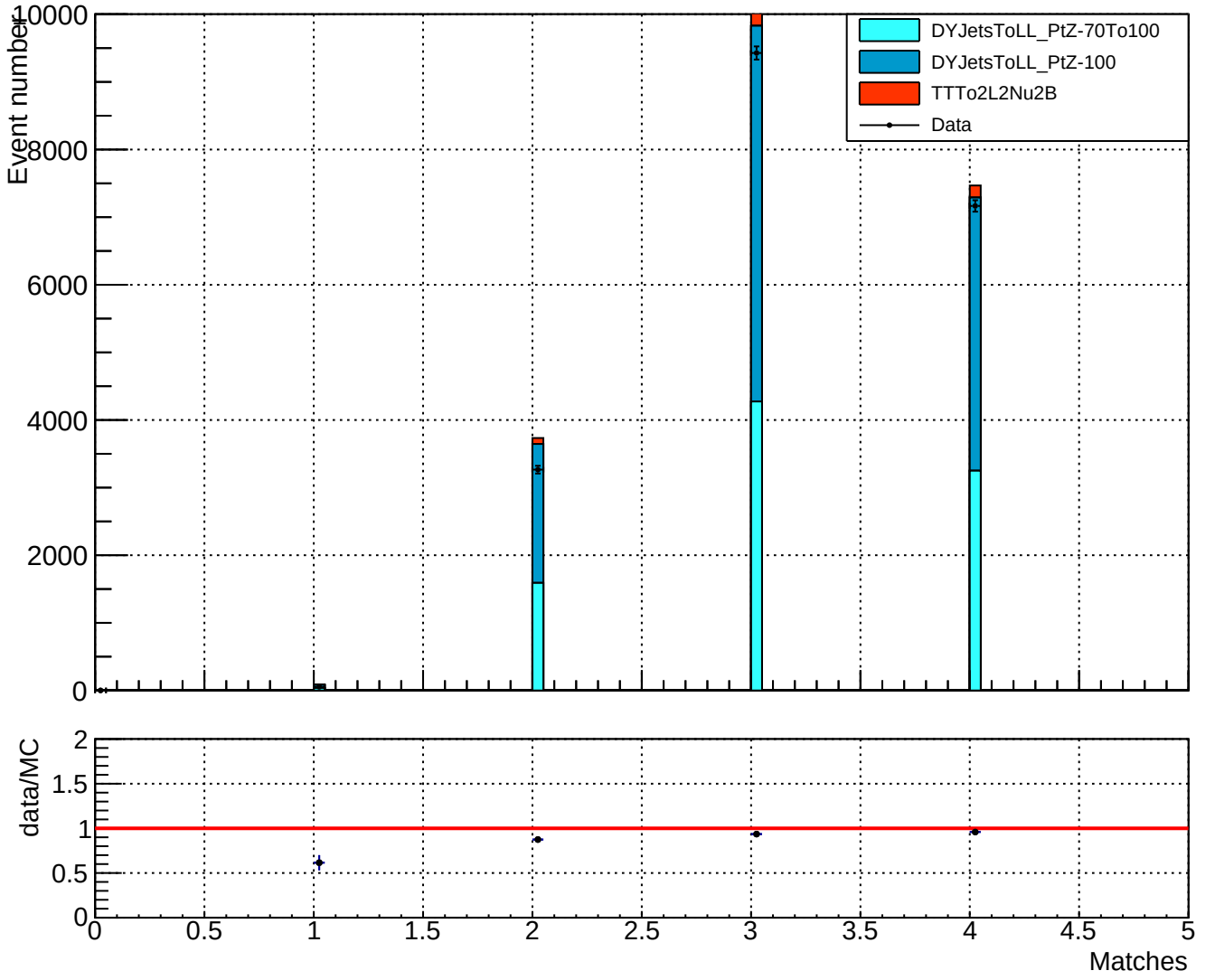
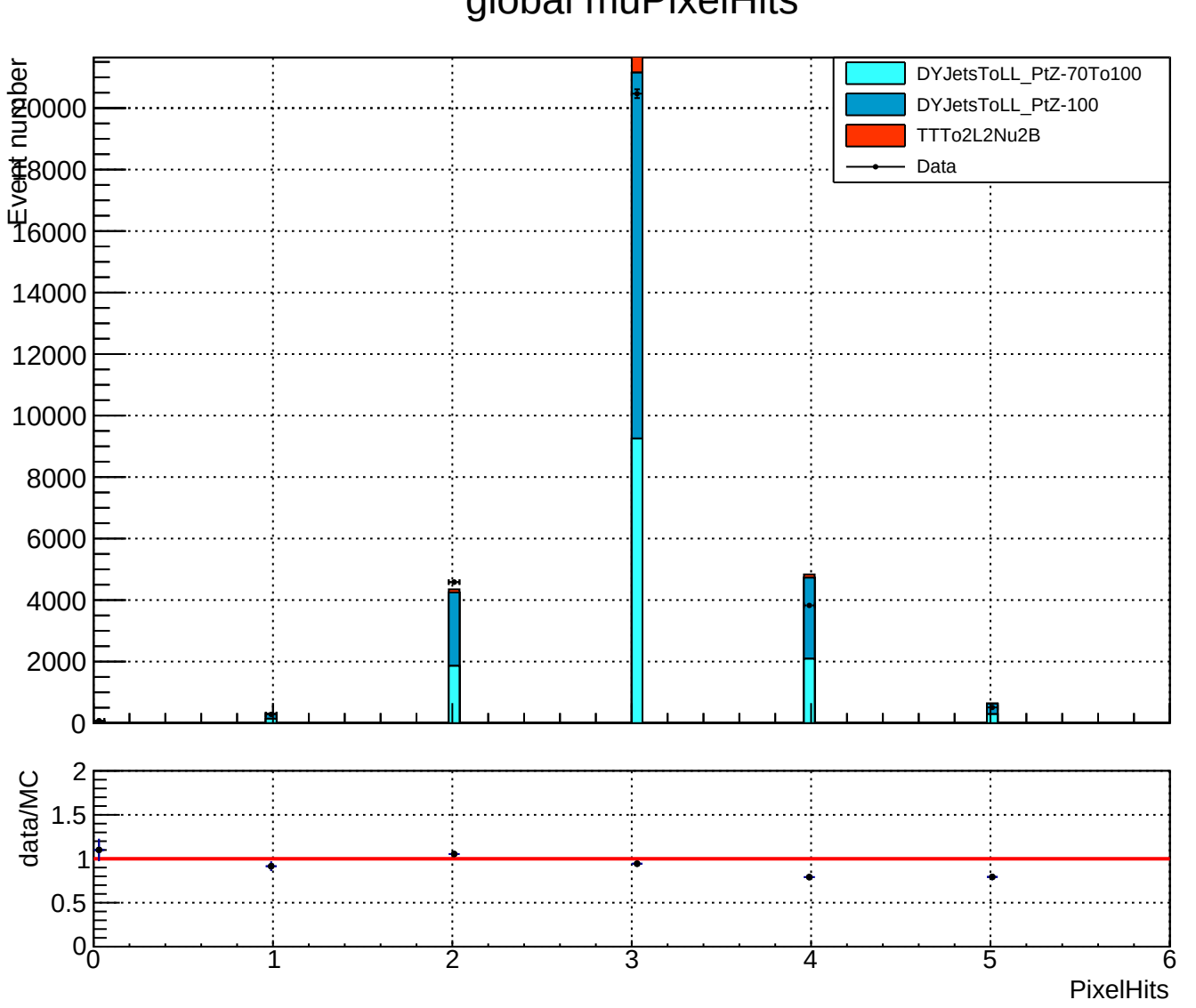
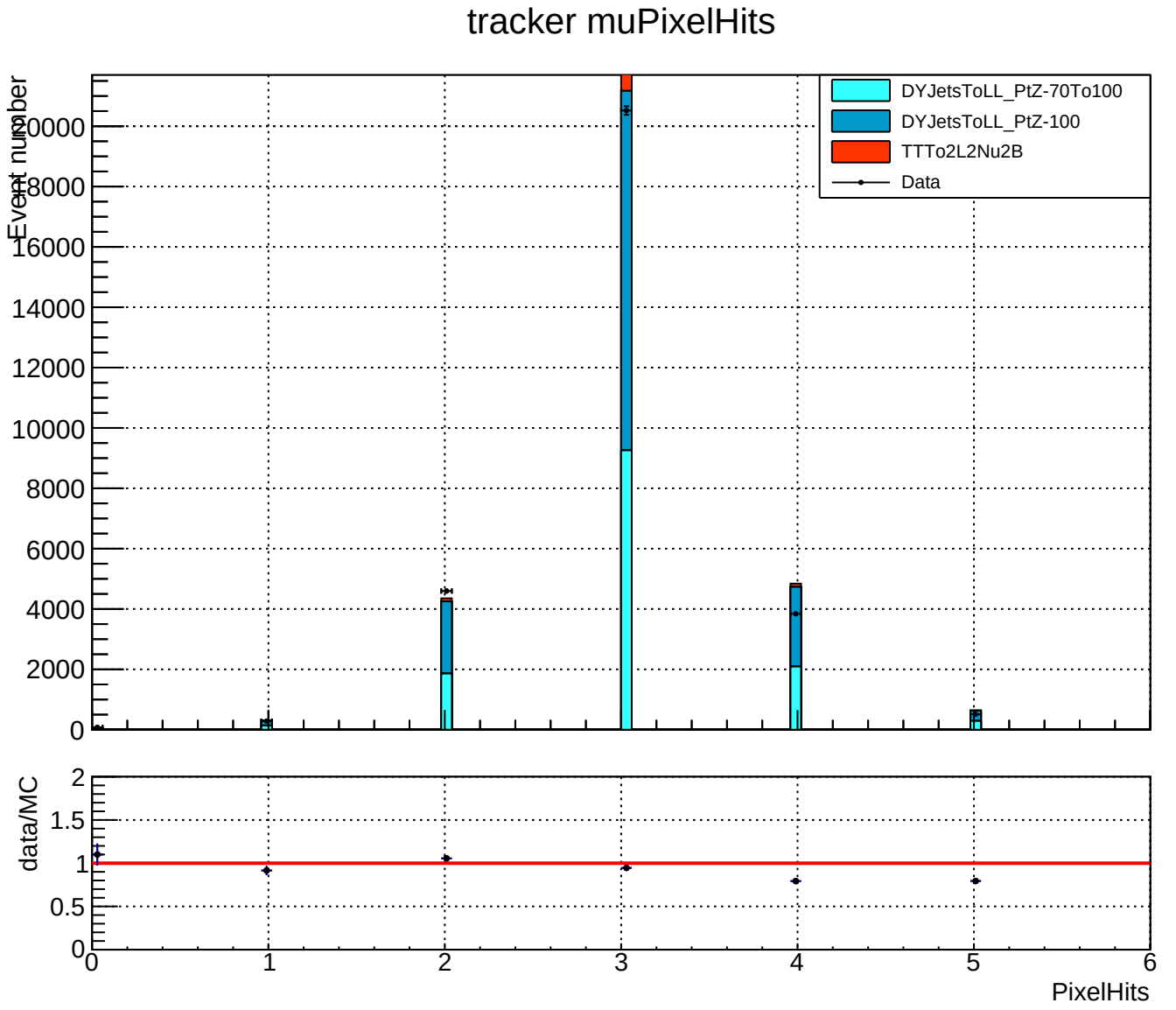

global muHits
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
Hits

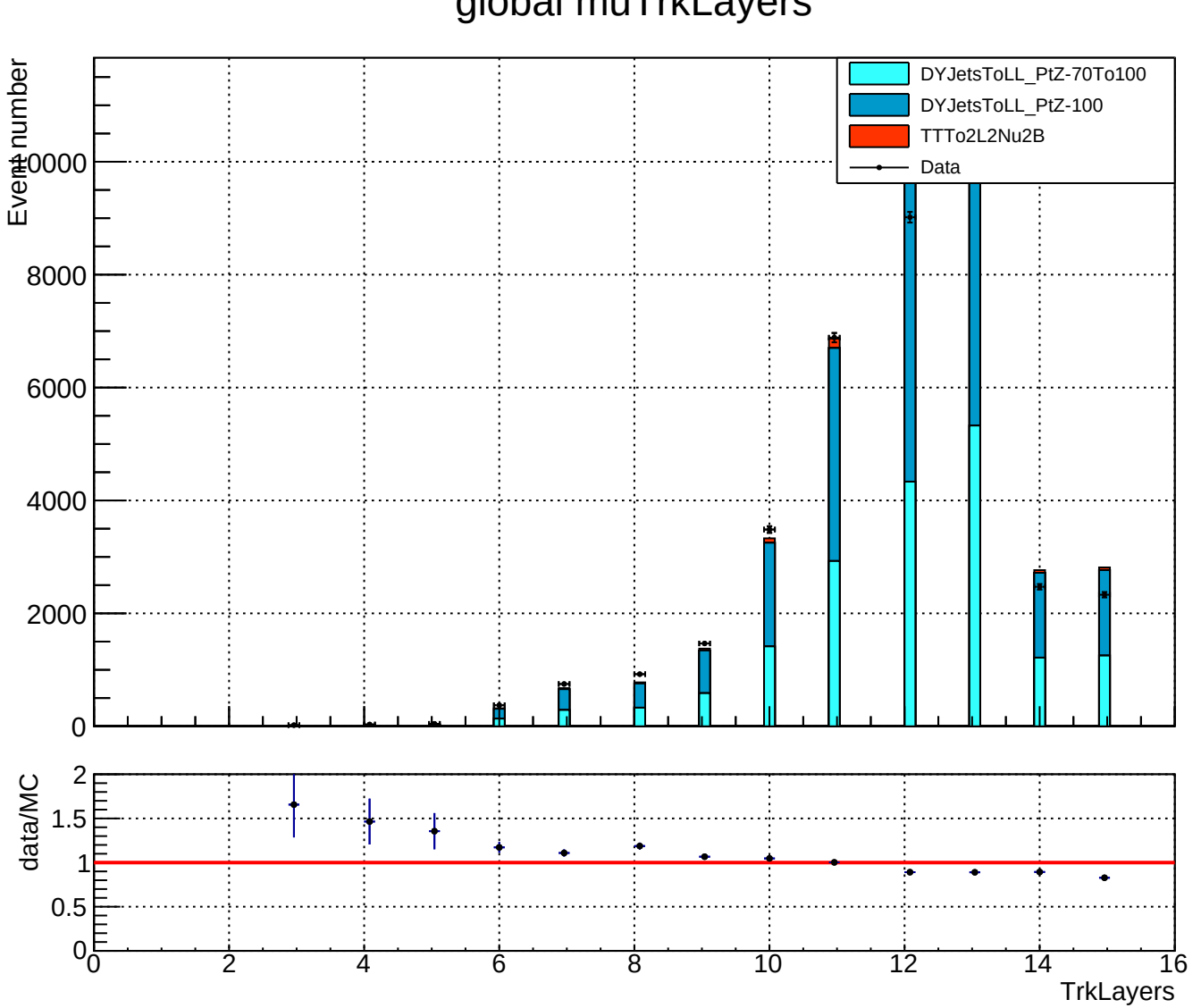

tracker muHits
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
Hits

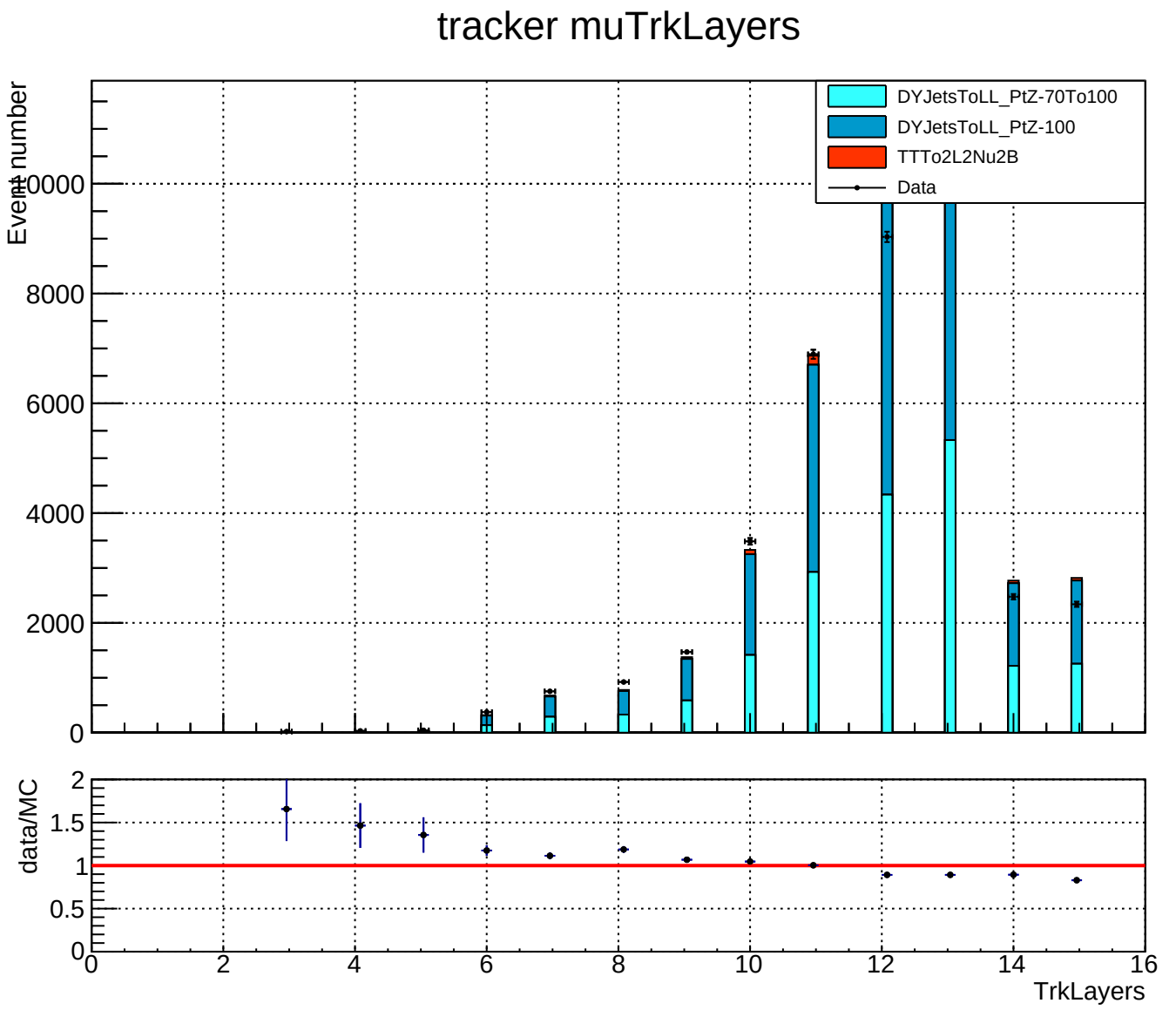

global muMatches
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
Matches

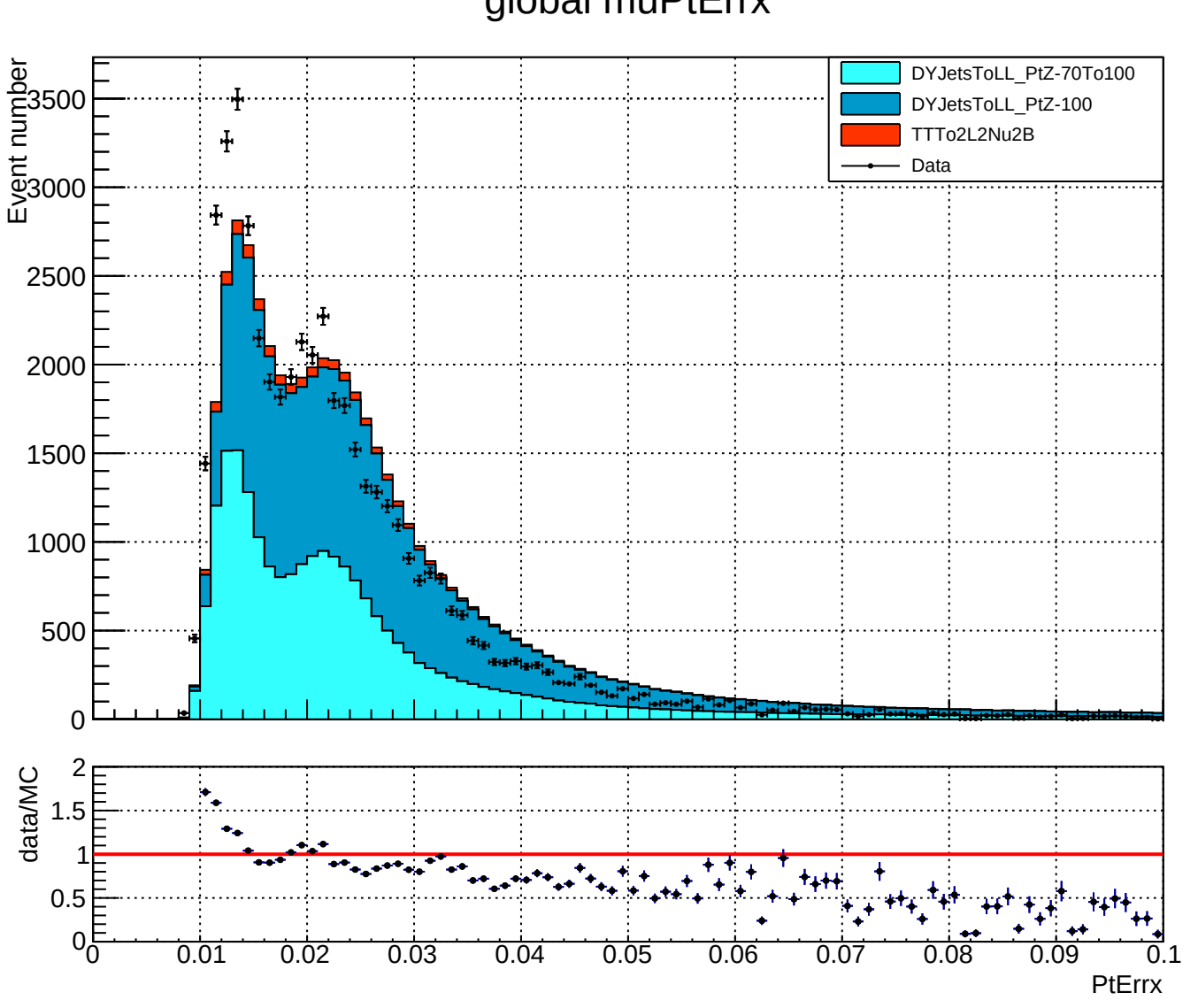

tracker muMatches
Event number
10000
8000
6000
4000
2000
0
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Matches

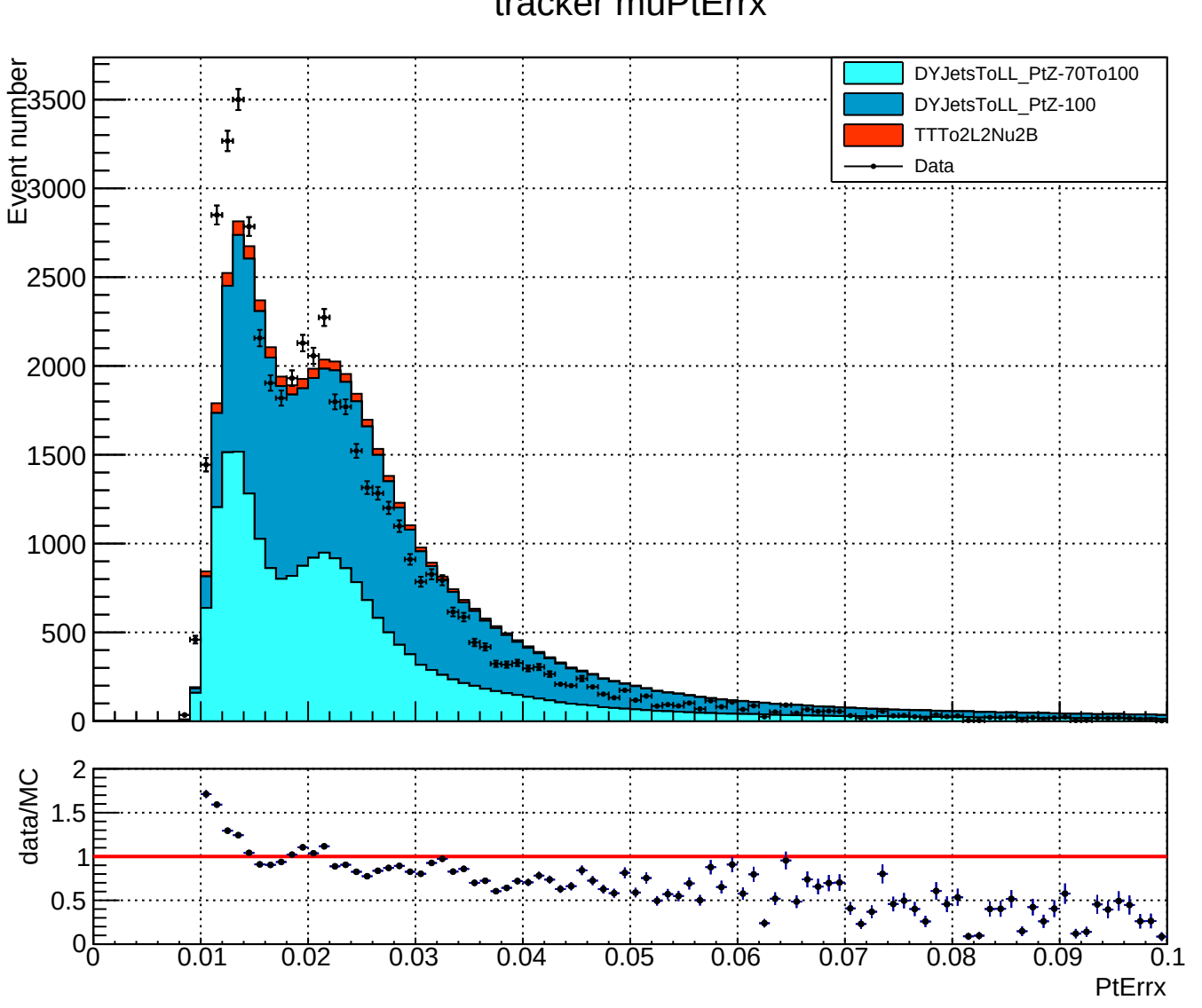

global muPixelHits
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
PixelHits

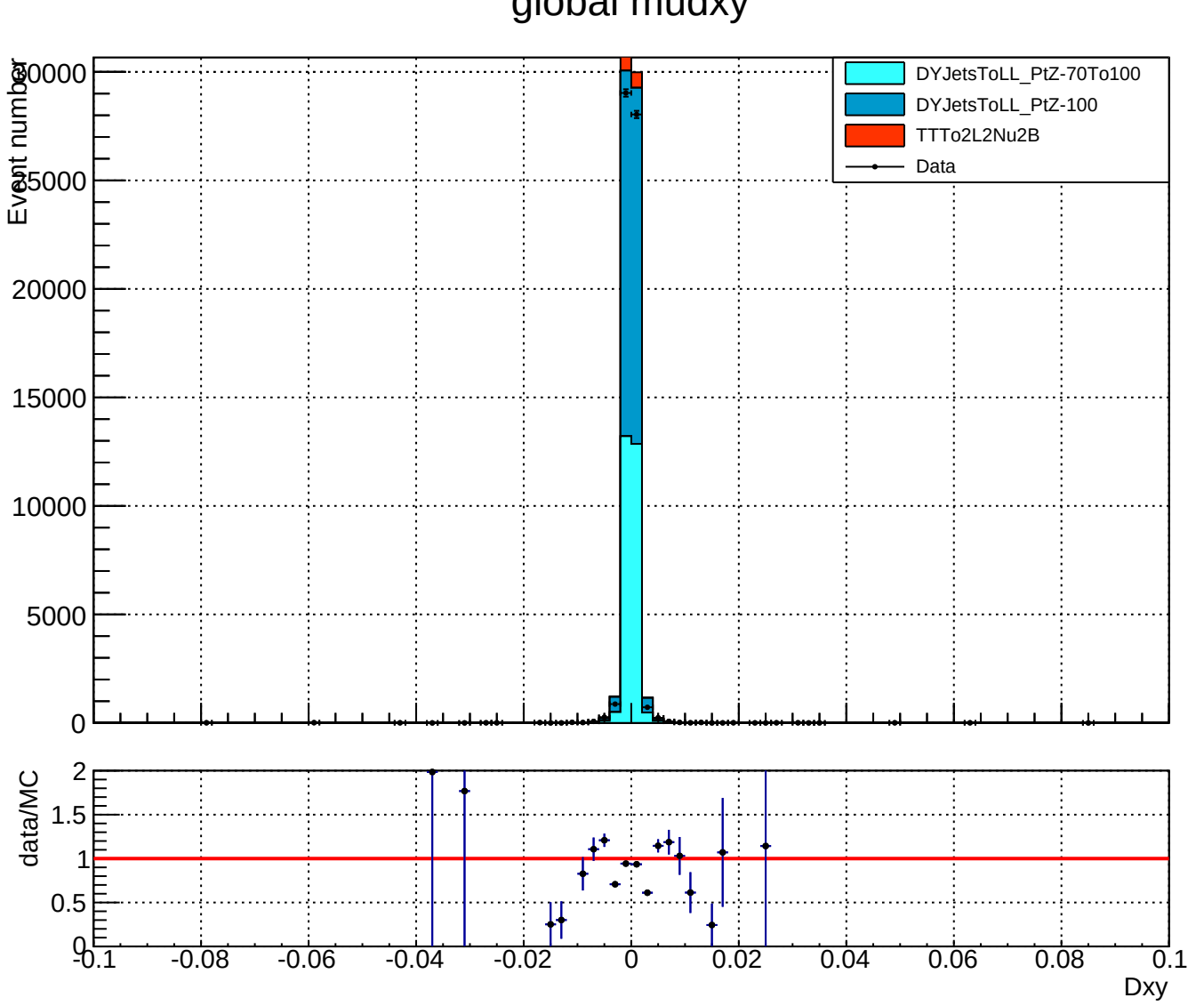

tracker muPixelHits
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
PixelHits

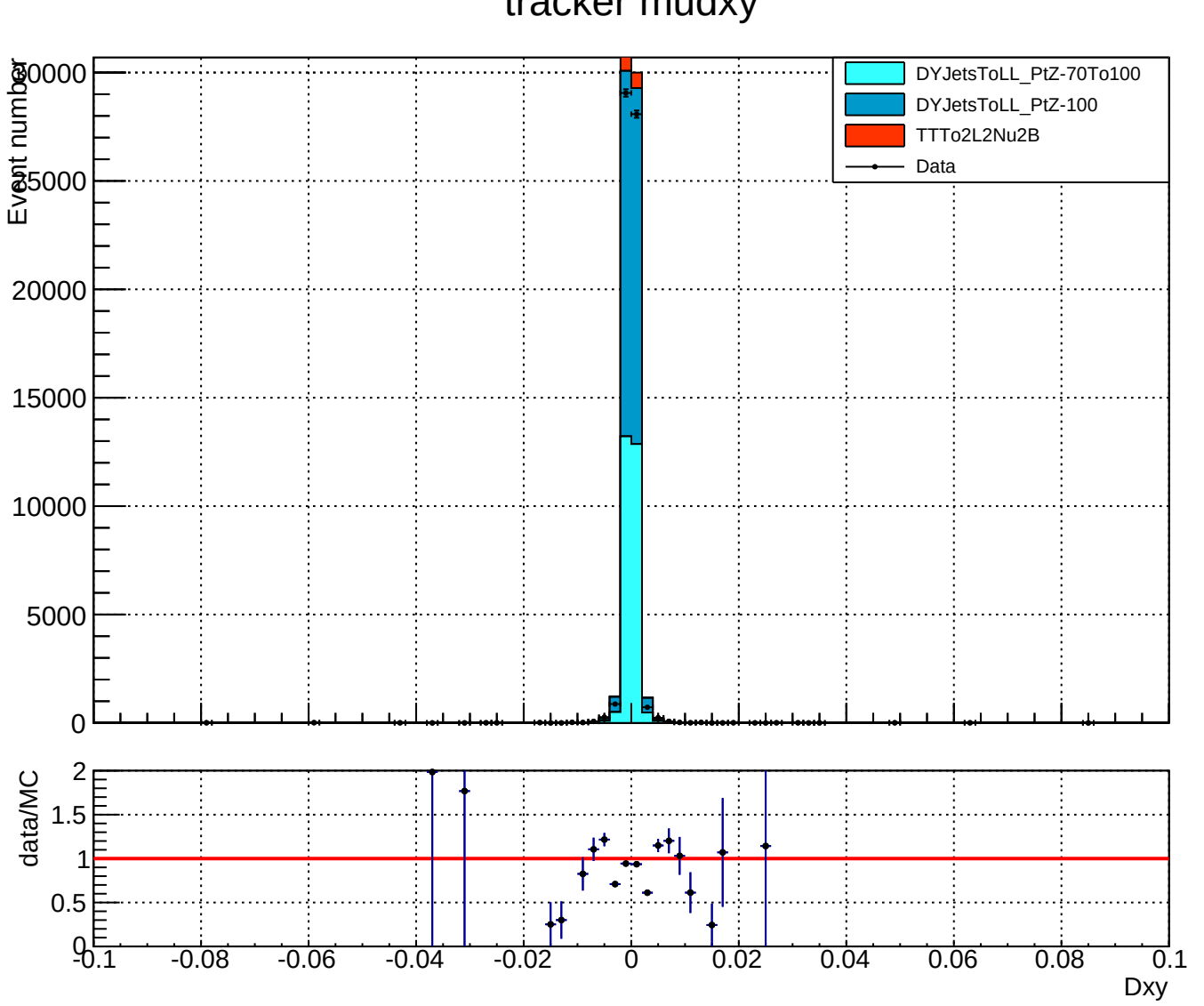

global muTrkLayers
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
Event number
10000
8000
6000
4000
2000
0
data/MC
2
1.5
1
0.5
0
0
2
4
6
8
10
12
14
16
TrkLayers

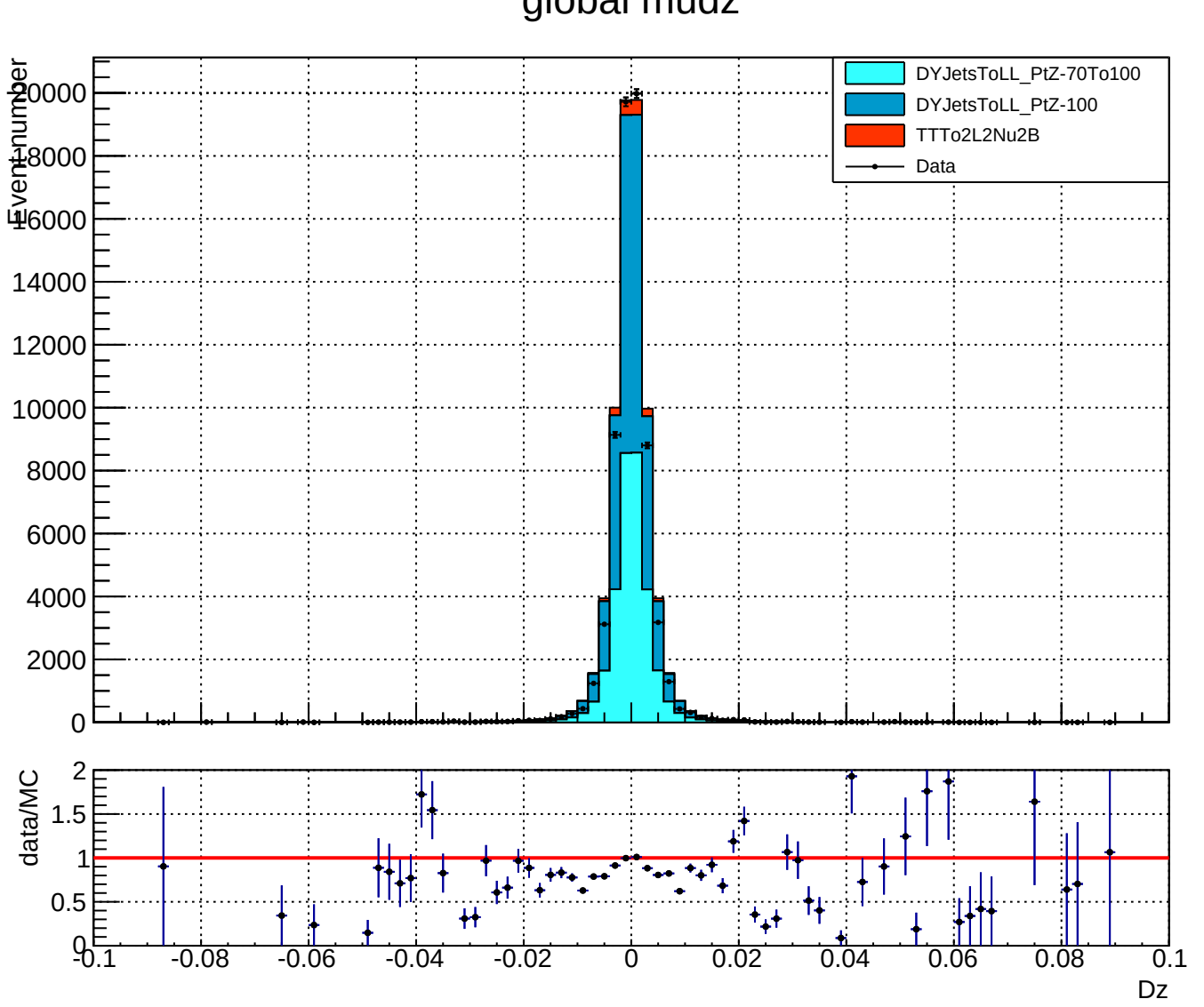

tracker muTrkLayers
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
0
2000
4000
6000
8000
10000
data/MC
0
0.5
1
1.5
2
0
2
4
6
8
10
12
14
16
TrkLayers


global muPtErrx
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
PtErrx


tracker muPtErrx
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
PtErrx


global mudxy
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
30000
25000
20000
15000
10000
5000
0
data/MC
2
1.5
1
0.5
0
-0.1
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
0.1
Dxy


tracker mudxy
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
30000
25000
20000
15000
10000
5000
0
data/MC
2
1.5
1
0.5
0
-0.1
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
0.1
Dxy


global mudz
Event number
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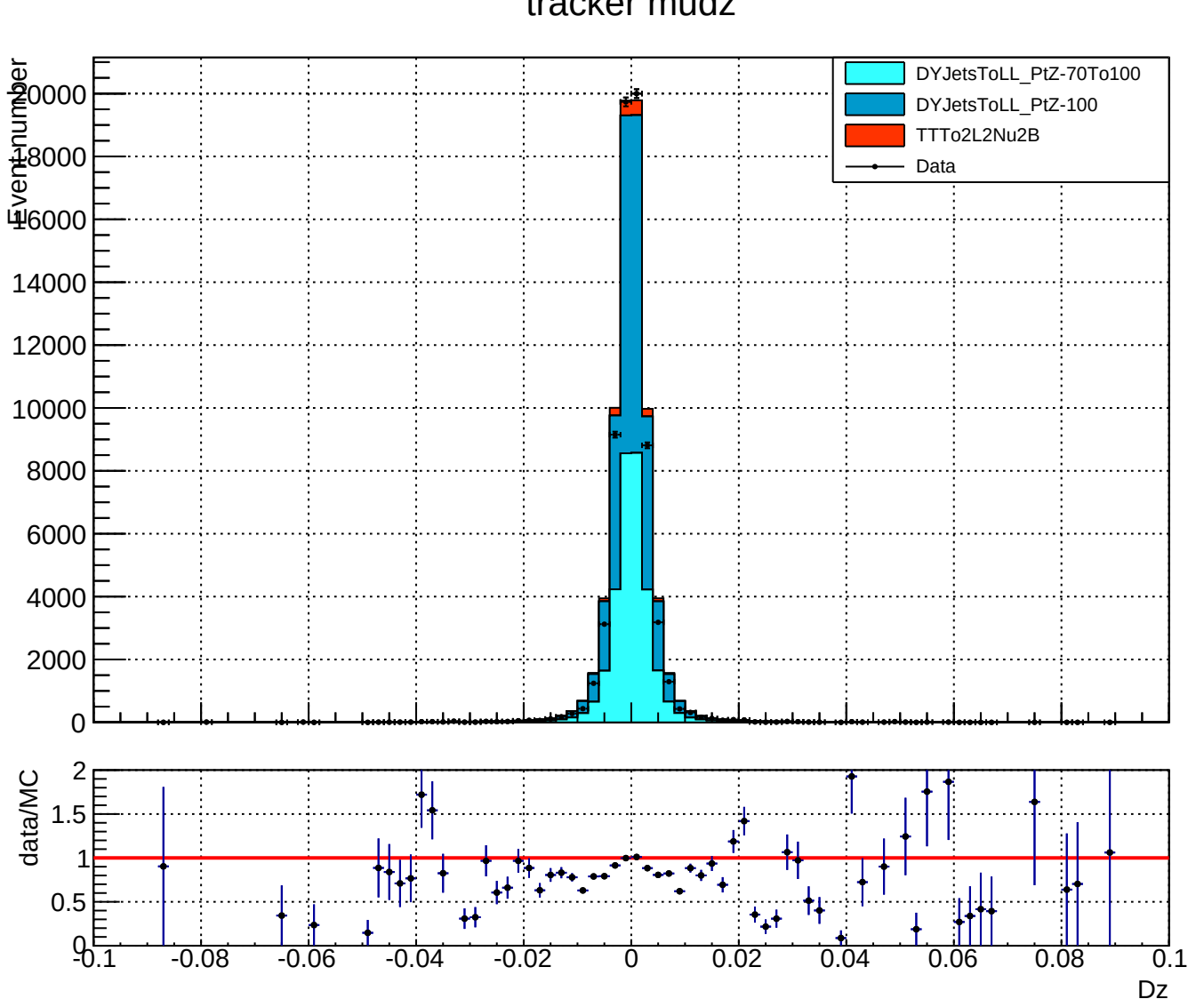
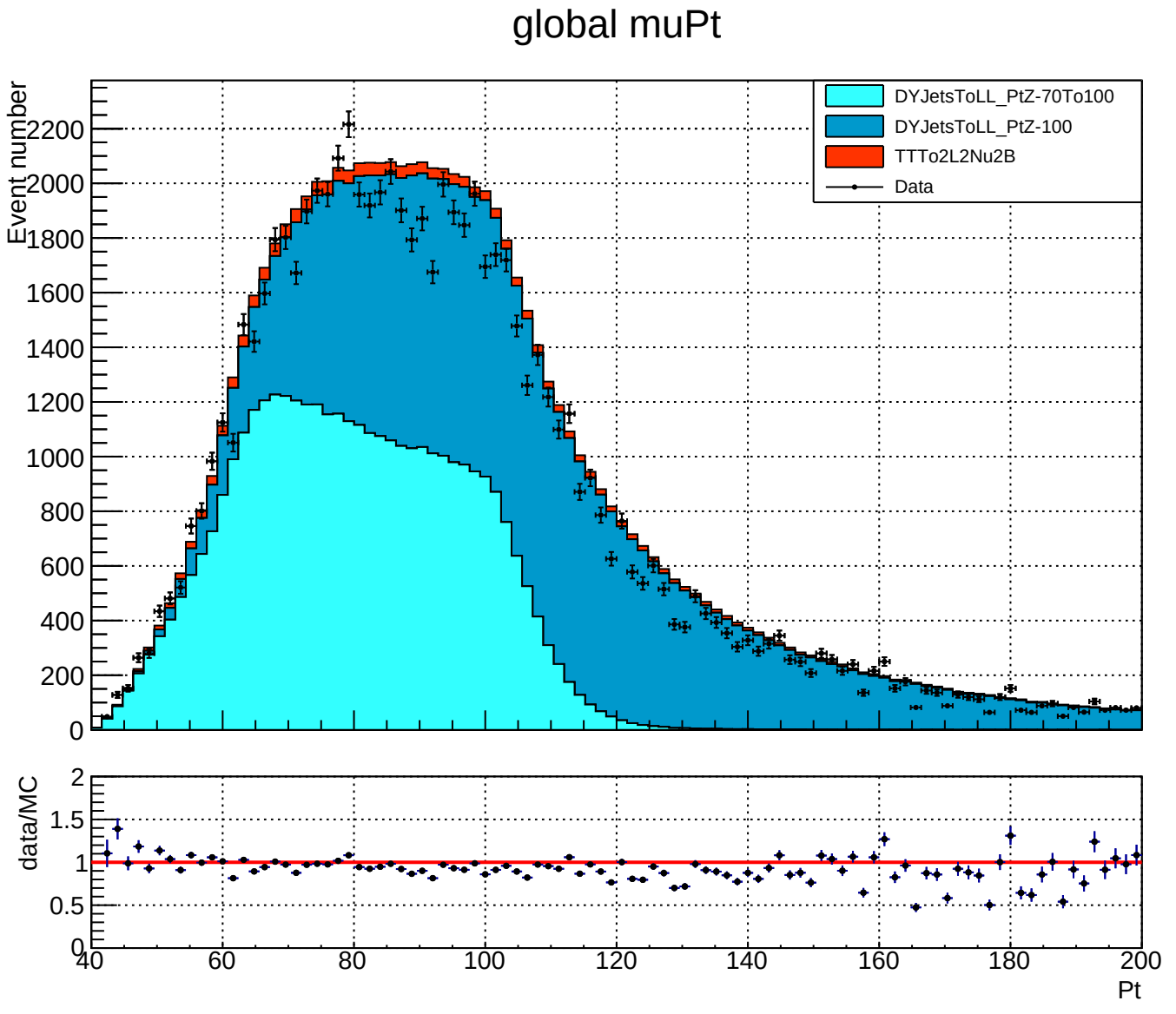
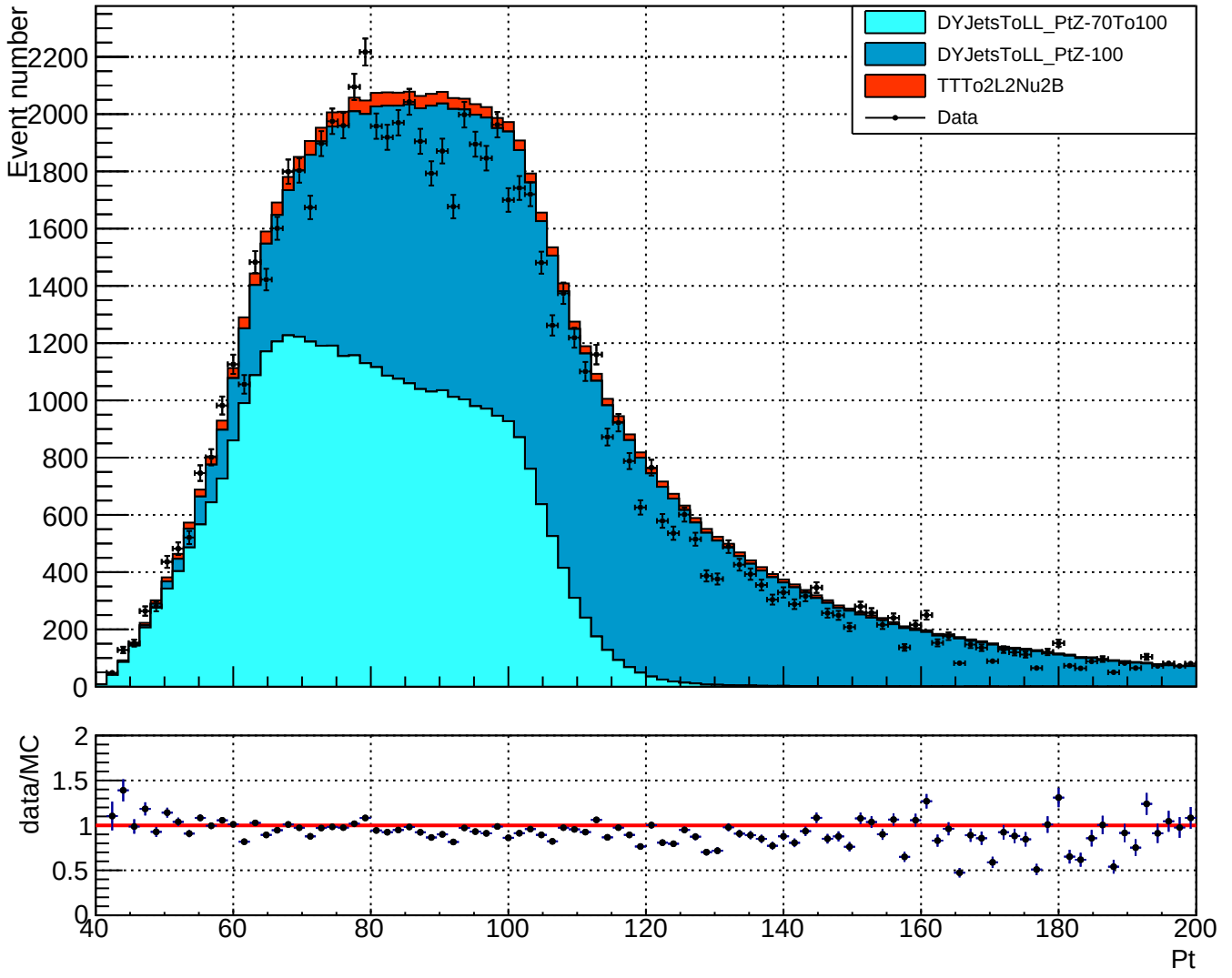
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
data/MC
2
1.5
1
0.5
0
-0.1
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
0.1
Dz


tracker mudz
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
Dz


global muPt
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
Event number
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
data/MC
0
0.5
1
1.5
2
40
60
80
100
120
140
160
180
200
Pt


tracker muPt
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
Event number
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
data/MC
0
0.5
1
1.5
2
40
60
80
100
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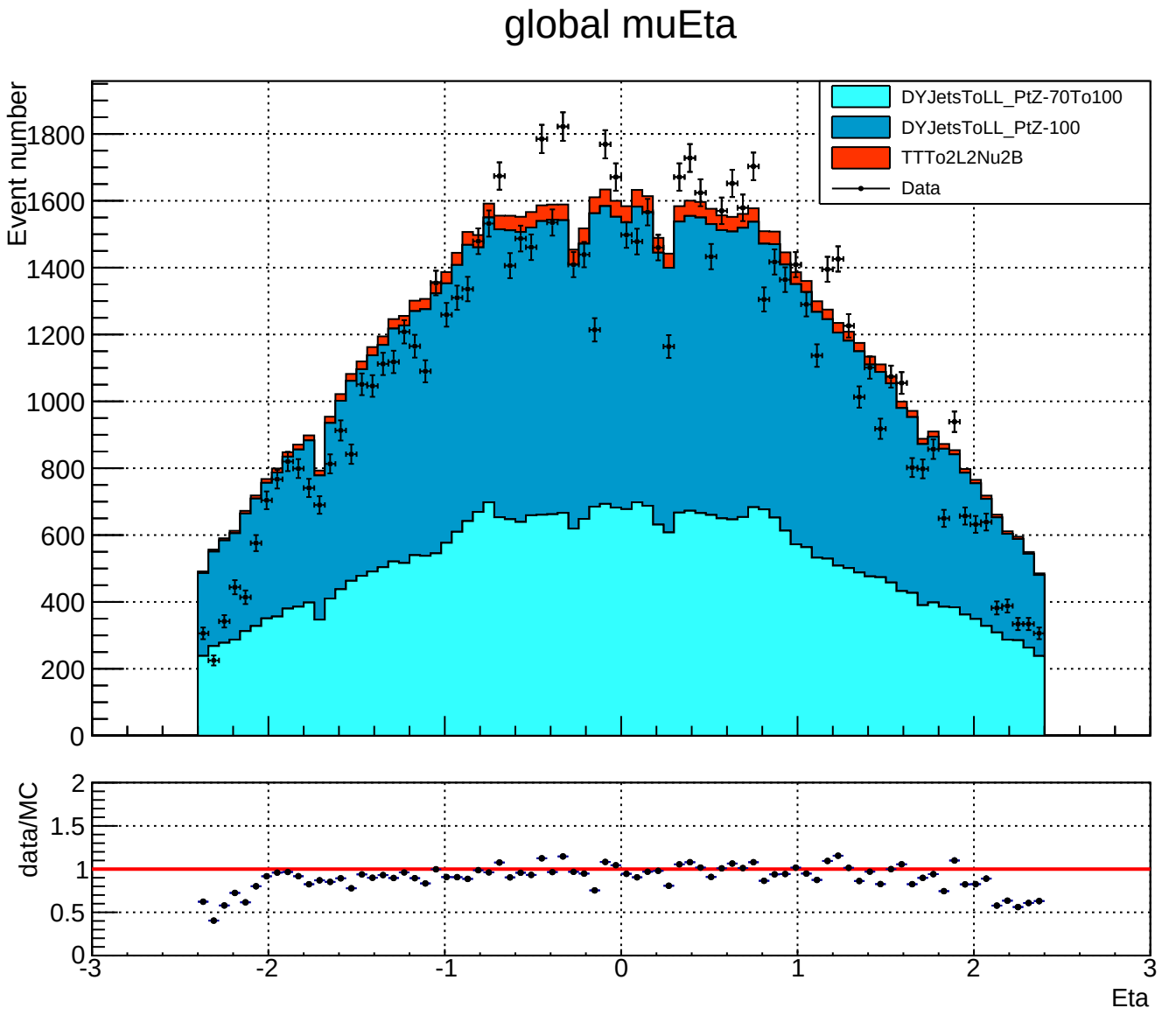
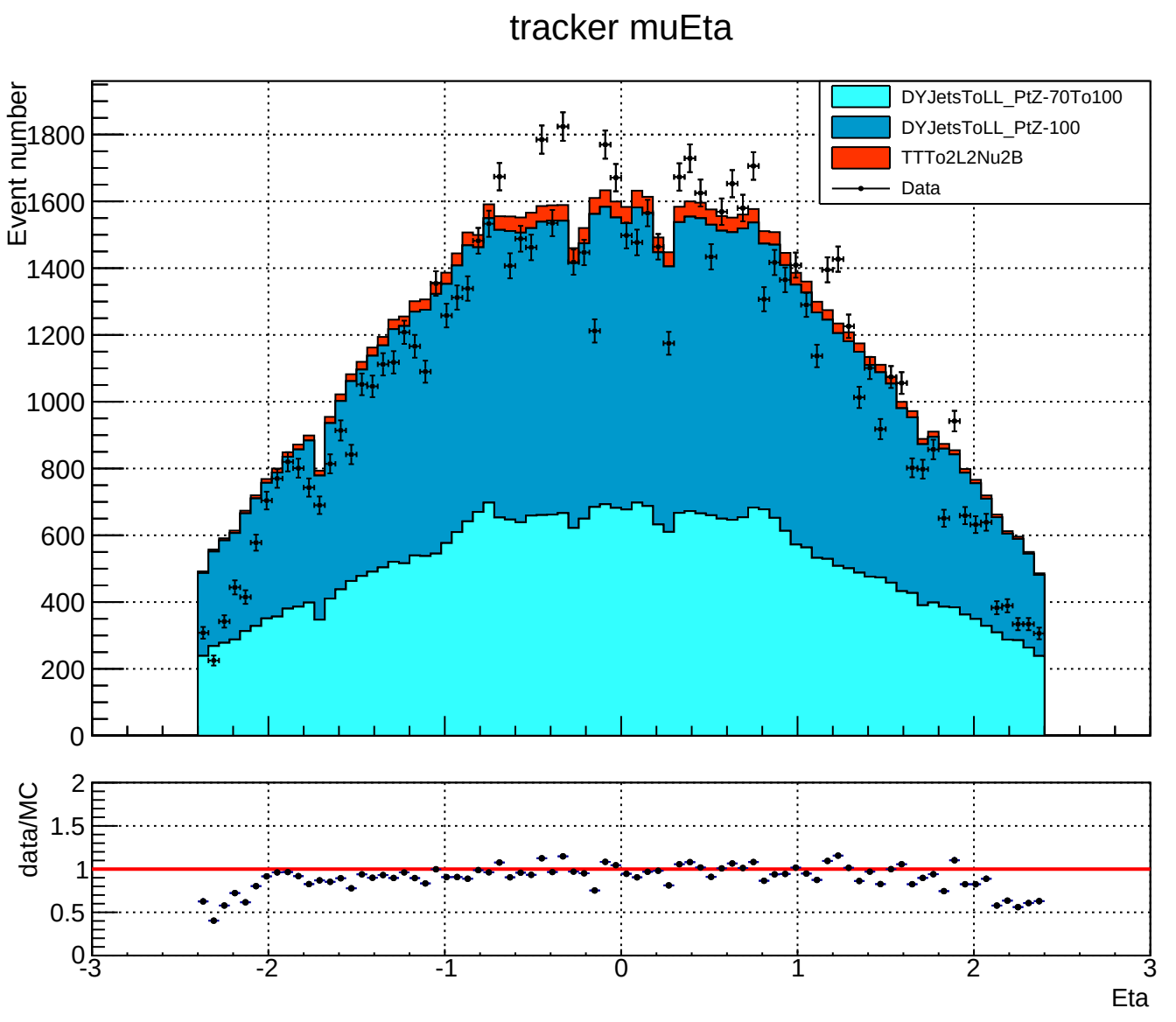
160
180
200
Pt


global muEta
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
0
200
400
600
800
1000
1200
1400
1600
1800
data/MC
0
0.5
1
1.5
2
-3
-2
-1
0
1
2
3
Eta


tracker muEta
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
0
200
400
600
800
1000
1200
1400
1600
1800
data/MC
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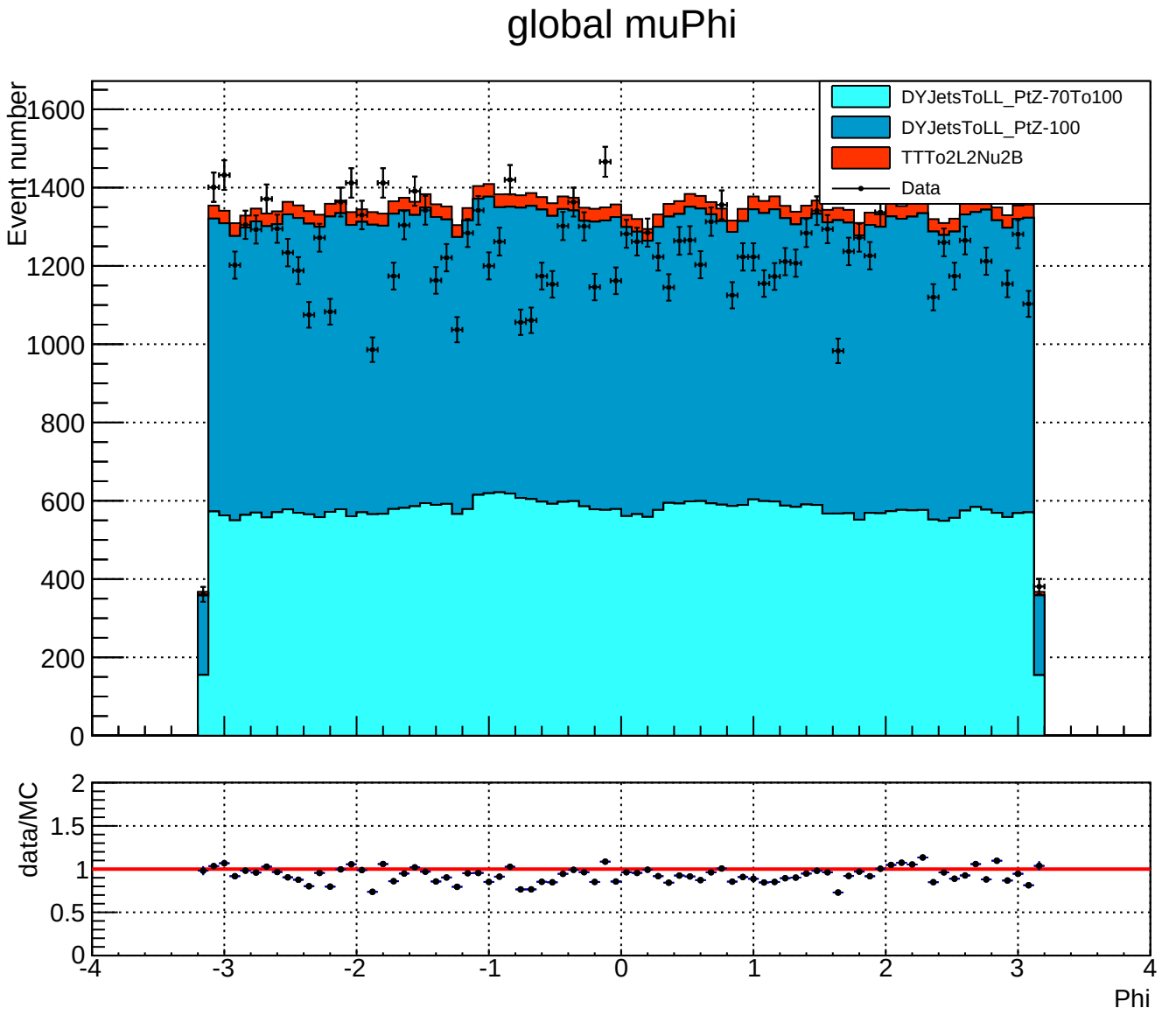
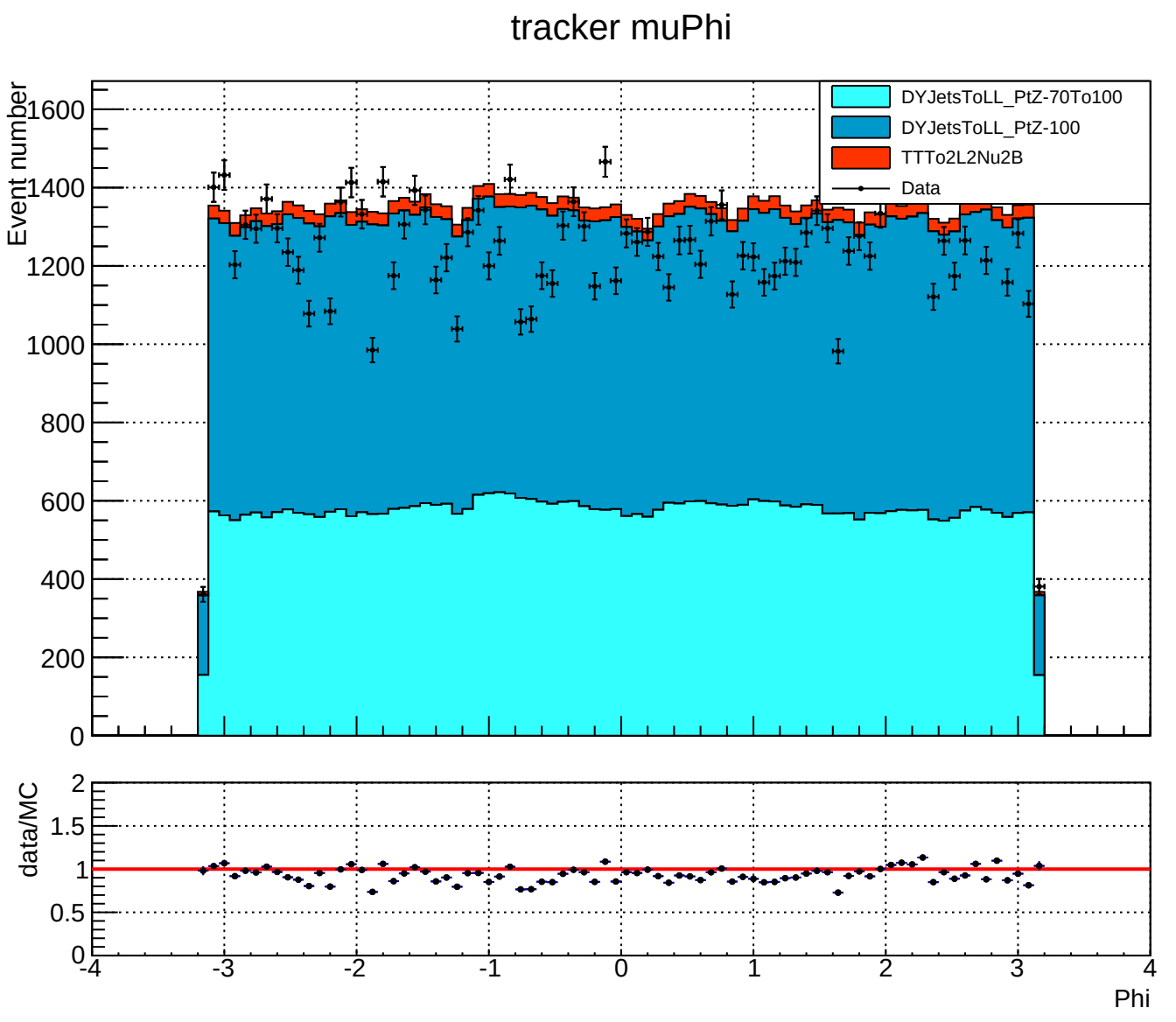
0.5
1
1.5
2
-3
-2
-1
0
1
2
3
Eta


global muPhi
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
Phi


tracker muPhi
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
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200
400
600
800
1000
1200
1400
1600
data/MC
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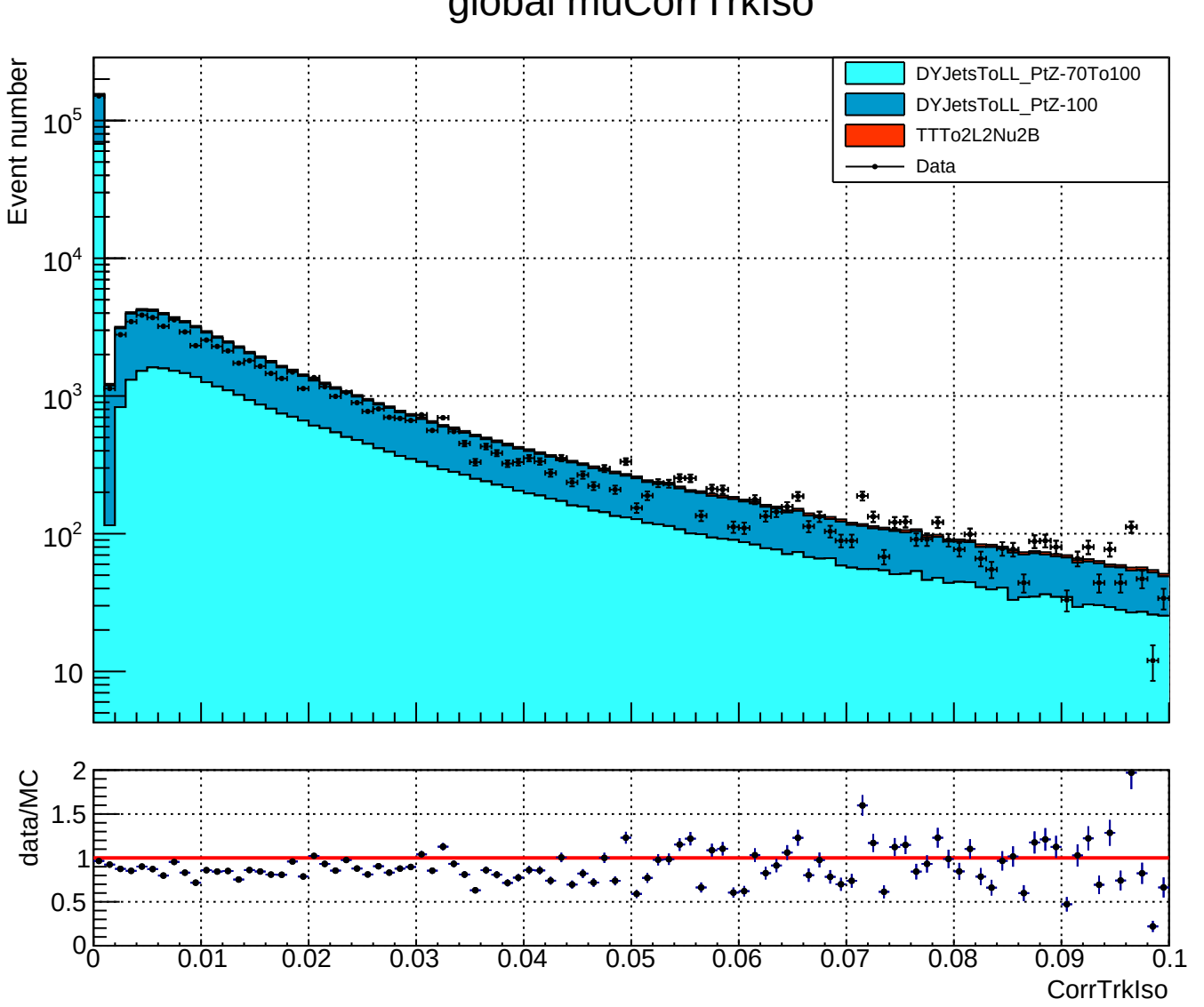
1
1.5
2
-4
-3
-2
-1
0
1
2
3
4
Phi


global muCorrTrkIso
Event number
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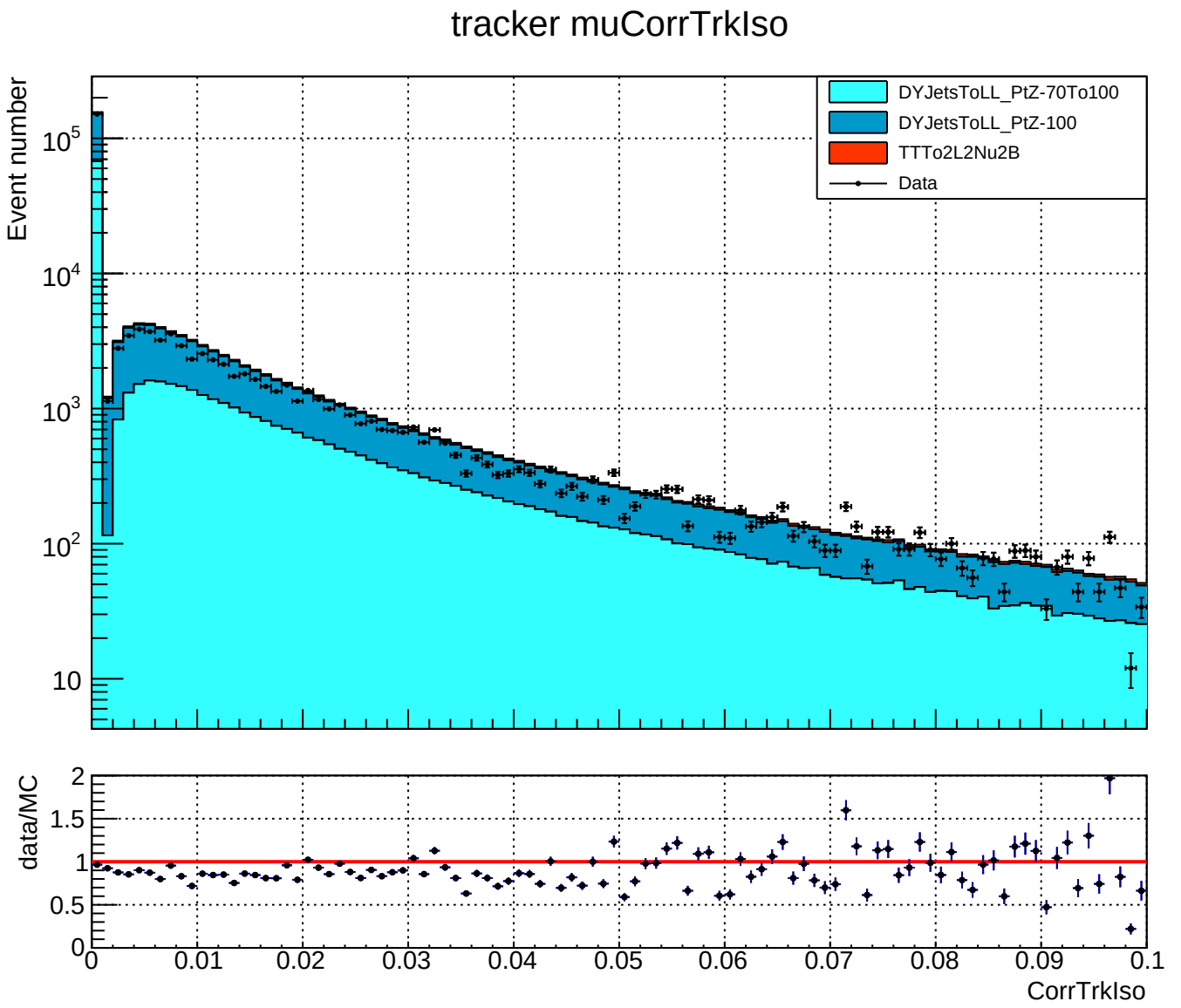
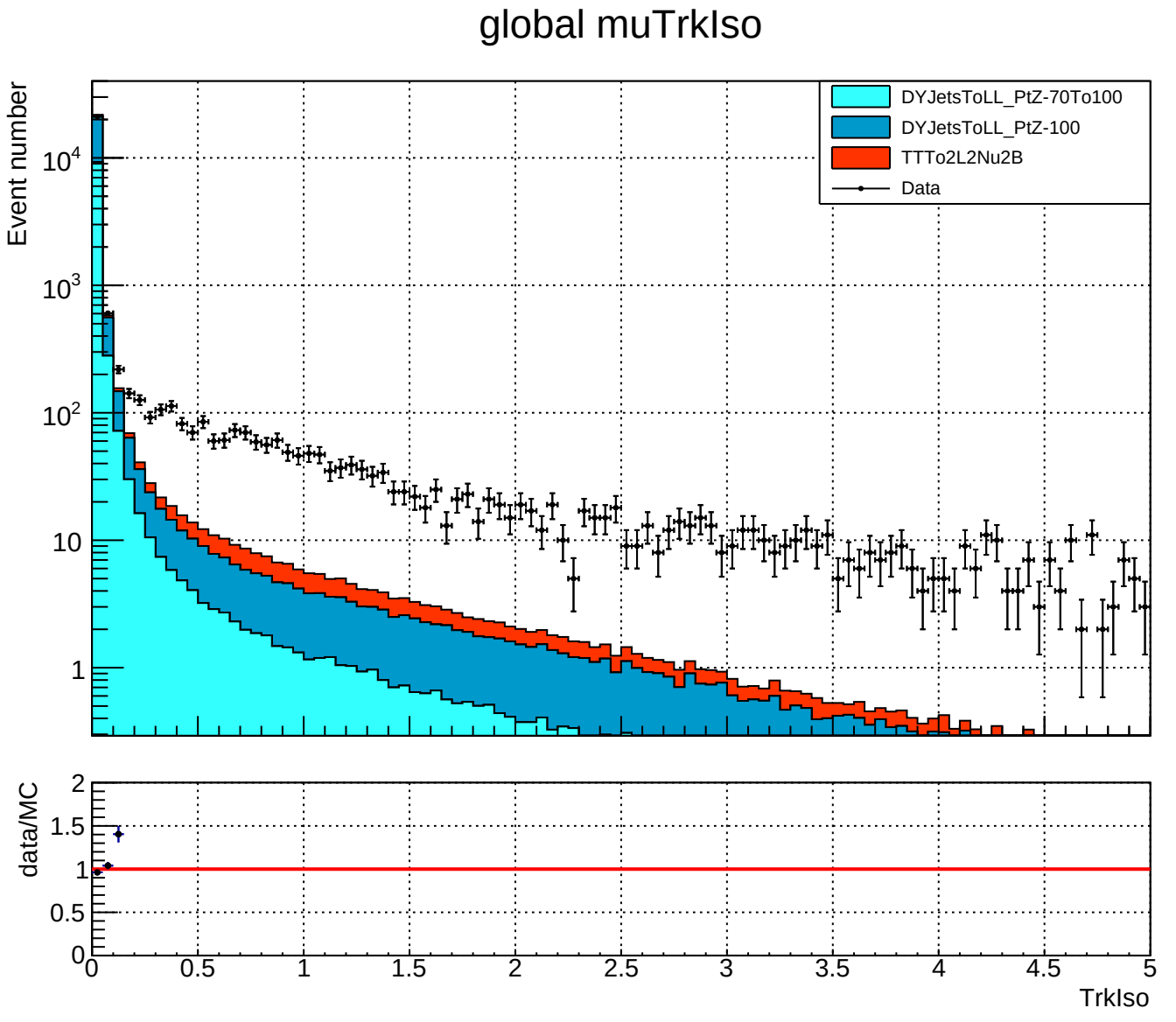
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
CorrTrkIso


tracker muCorrTrkIso
Event number
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
CorrTrkIso


global muTrkIso
Event number
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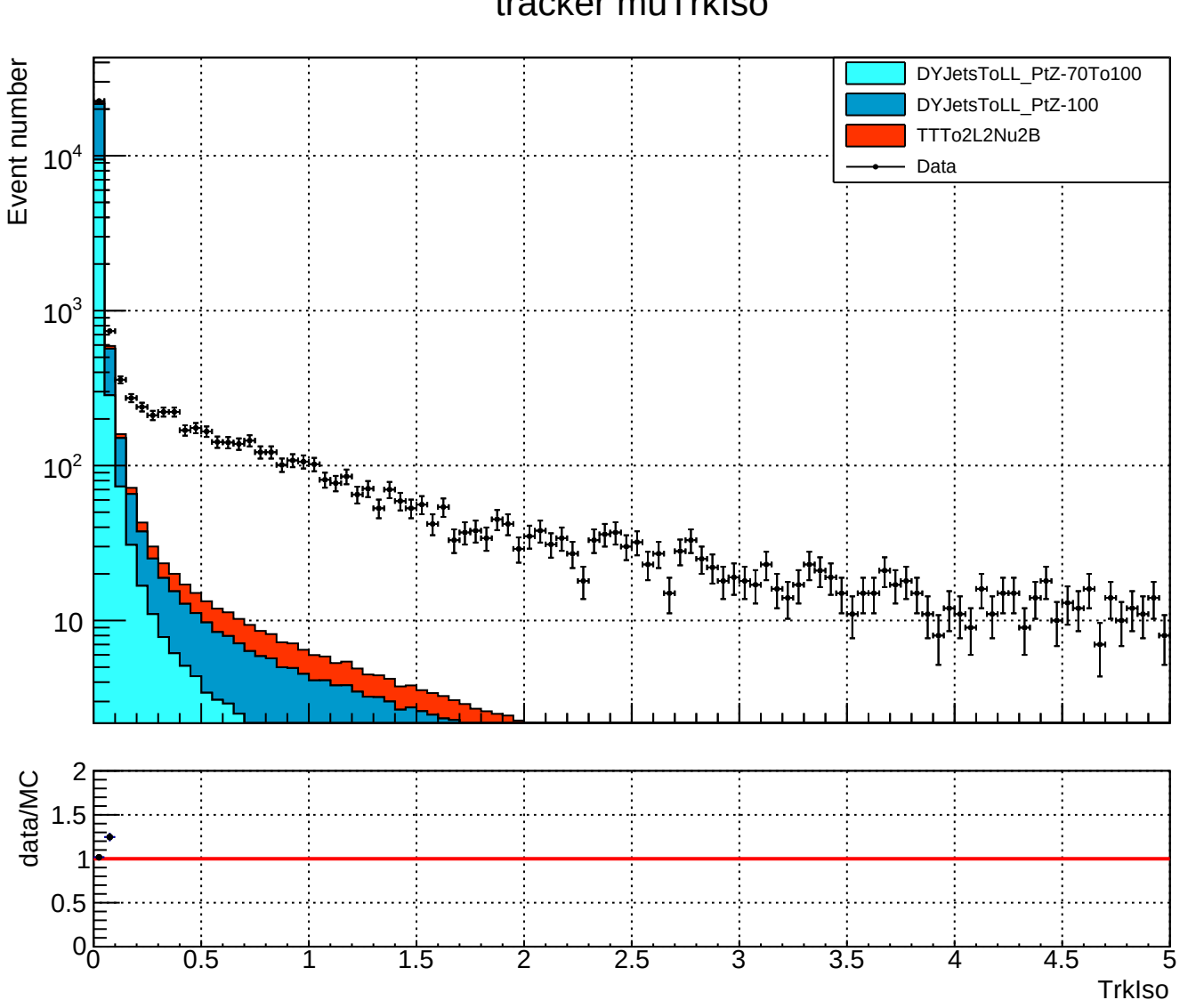
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
data/MC
TrkIso


tracker muTrkIso
DYJetsToLL_PtZ-70To100
DYJetsToLL_PtZ-100
TTTo2L2Nu2B
Data
Event number
10^4
10^3
10^2
10
data/MC
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
TrkIso