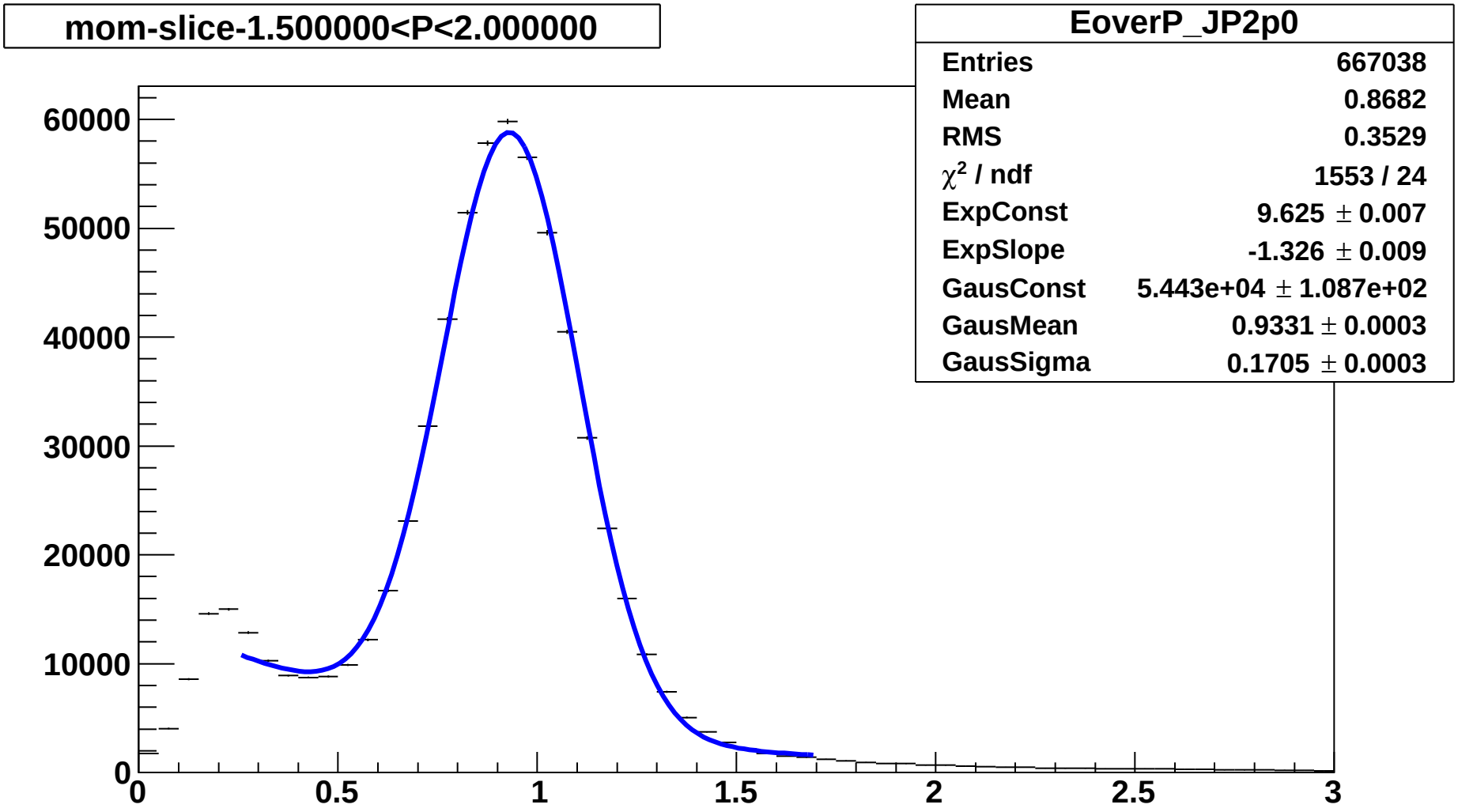
mom-slice-1.500000<P<2.000000
EoverP_JP2p0
Entries 667038
Mean 0.8682
RMS 0.3529
χ² / ndf 1553 / 24
ExpConst 9.625 ± 0.007
ExpSlope -1.326 ± 0.009
GausConst 5.443e+04 ± 1.087e+02
GausMean 0.9331 ± 0.0003
GausSigma 0.1705 ± 0.0003
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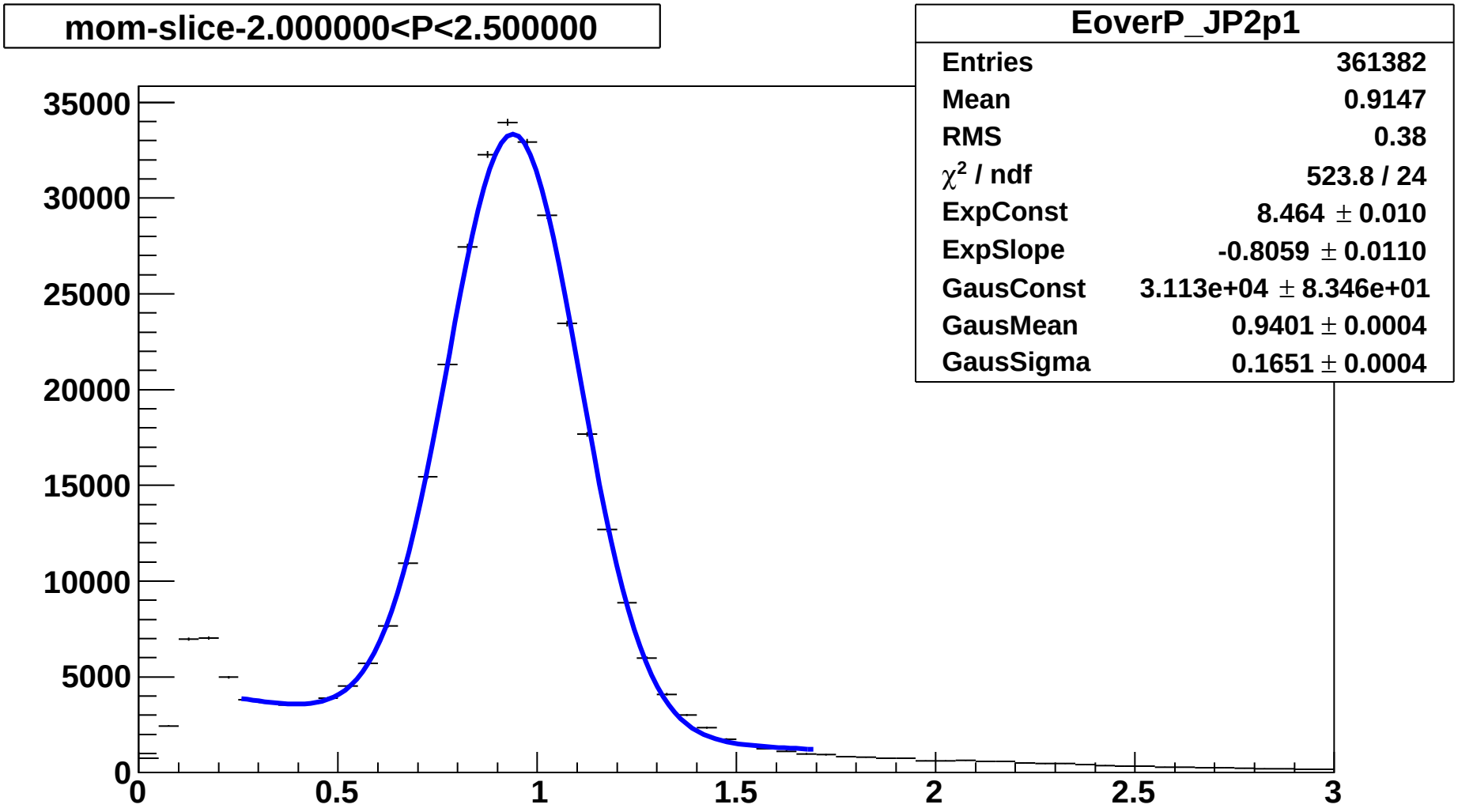
50000
40000
30000
20000
10000
0
0
0.5
1
1.5
2
2.5
3


mom-slice-2.000000<P<2.500000
EoverP_JP2p1
Entries 361382
Mean 0.9147
RMS 0.38
χ² / ndf 523.8 / 24
ExpConst 8.464 ± 0.010
ExpSlope -0.8059 ± 0.0110
GausConst 3.113e+04 ± 8.346e+01
GausMean 0.9401 ± 0.0004
GausSigma 0.1651 ± 0.0004
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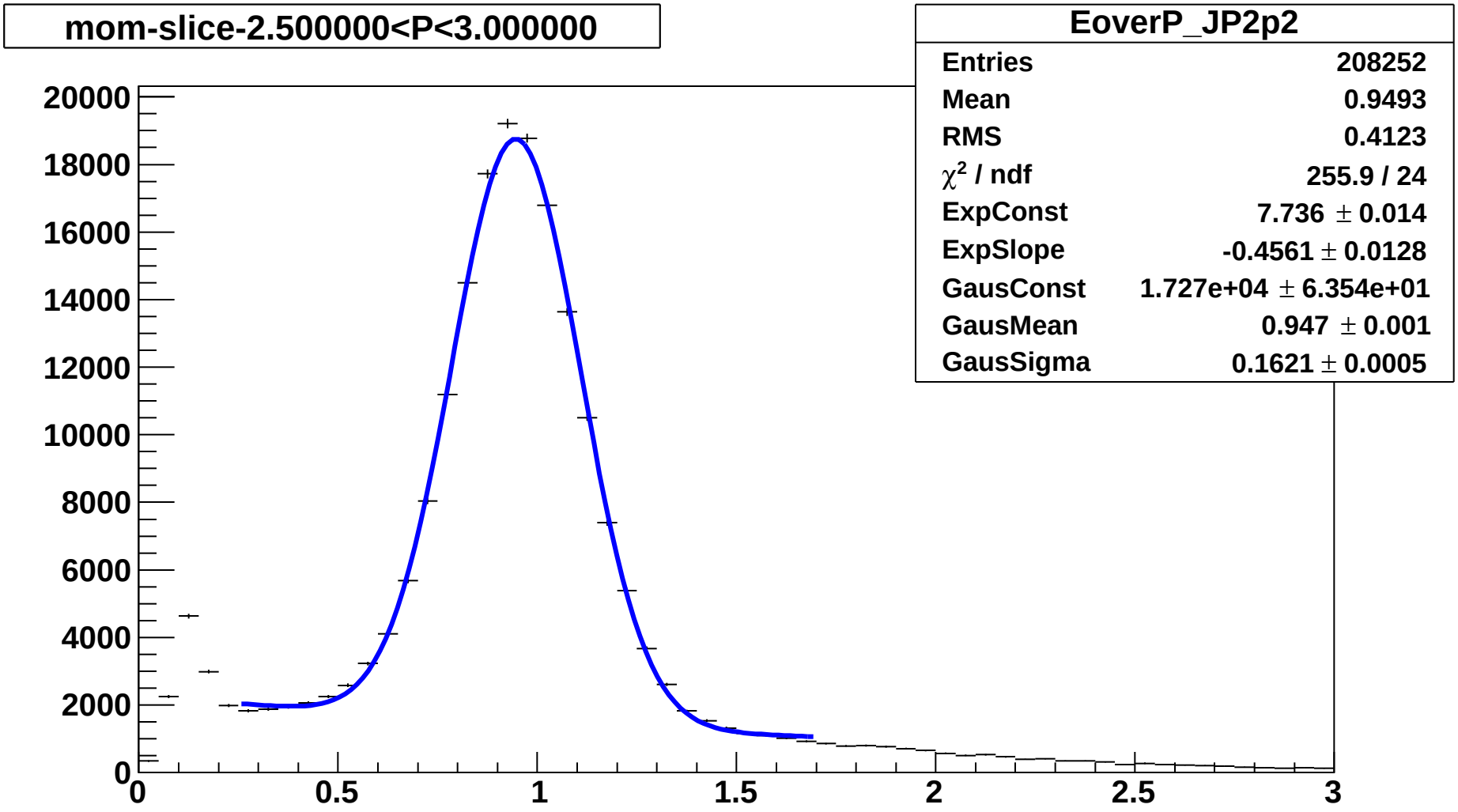
30000
25000
20000
15000
10000
5000
0
0
0.5
1
1.5
2
2.5
3


mom-slice-2.500000<P<3.000000
EoverP_JP2p2
Entries 208252
Mean 0.9493
RMS 0.4123
χ² / ndf 255.9 / 24
ExpConst 7.736 ± 0.014
ExpSlope -0.4561 ± 0.0128
GausConst 1.727e+04 ± 6.354e+01
GausMean 0.947 ± 0.001
GausSigma 0.1621 ± 0.0005
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
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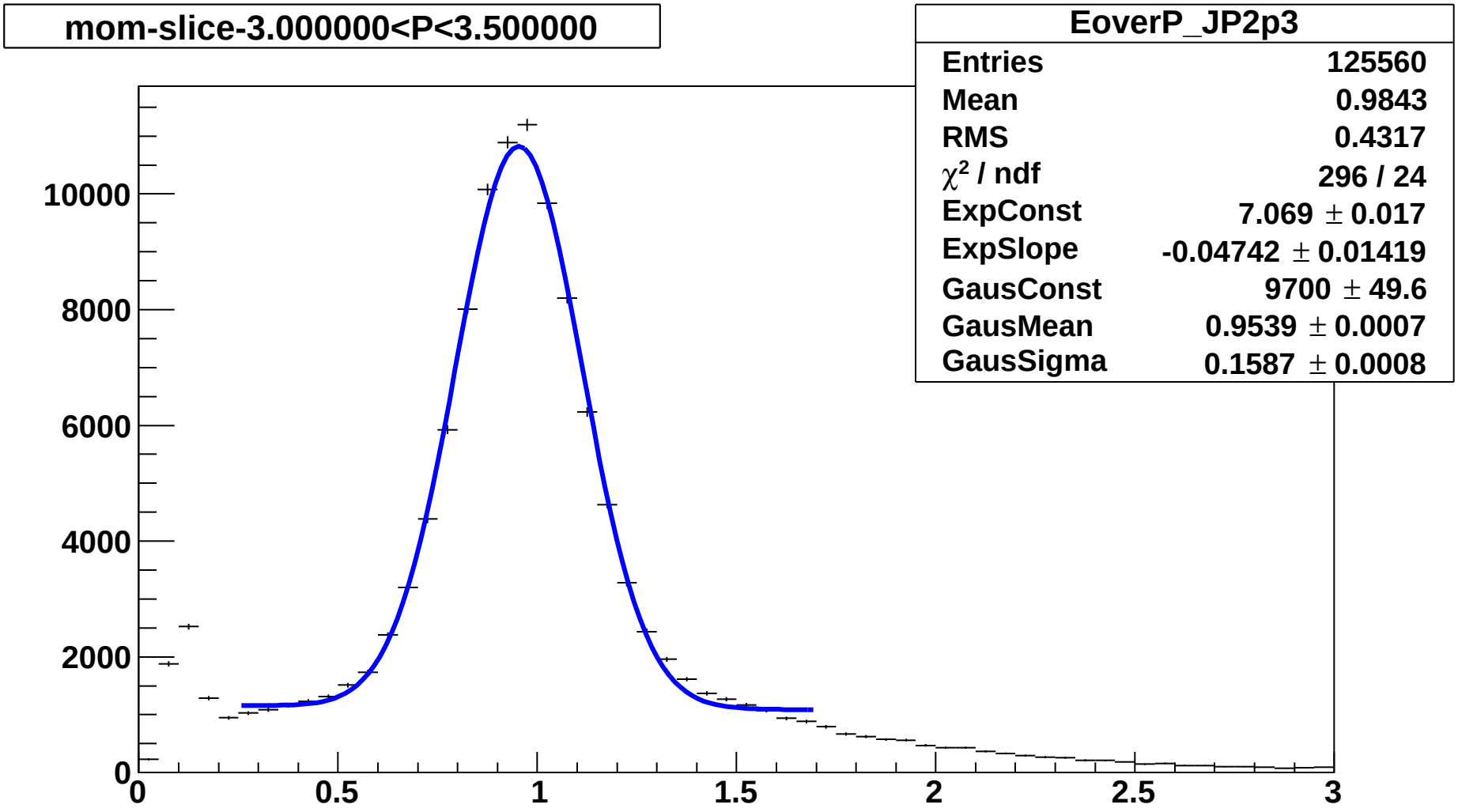
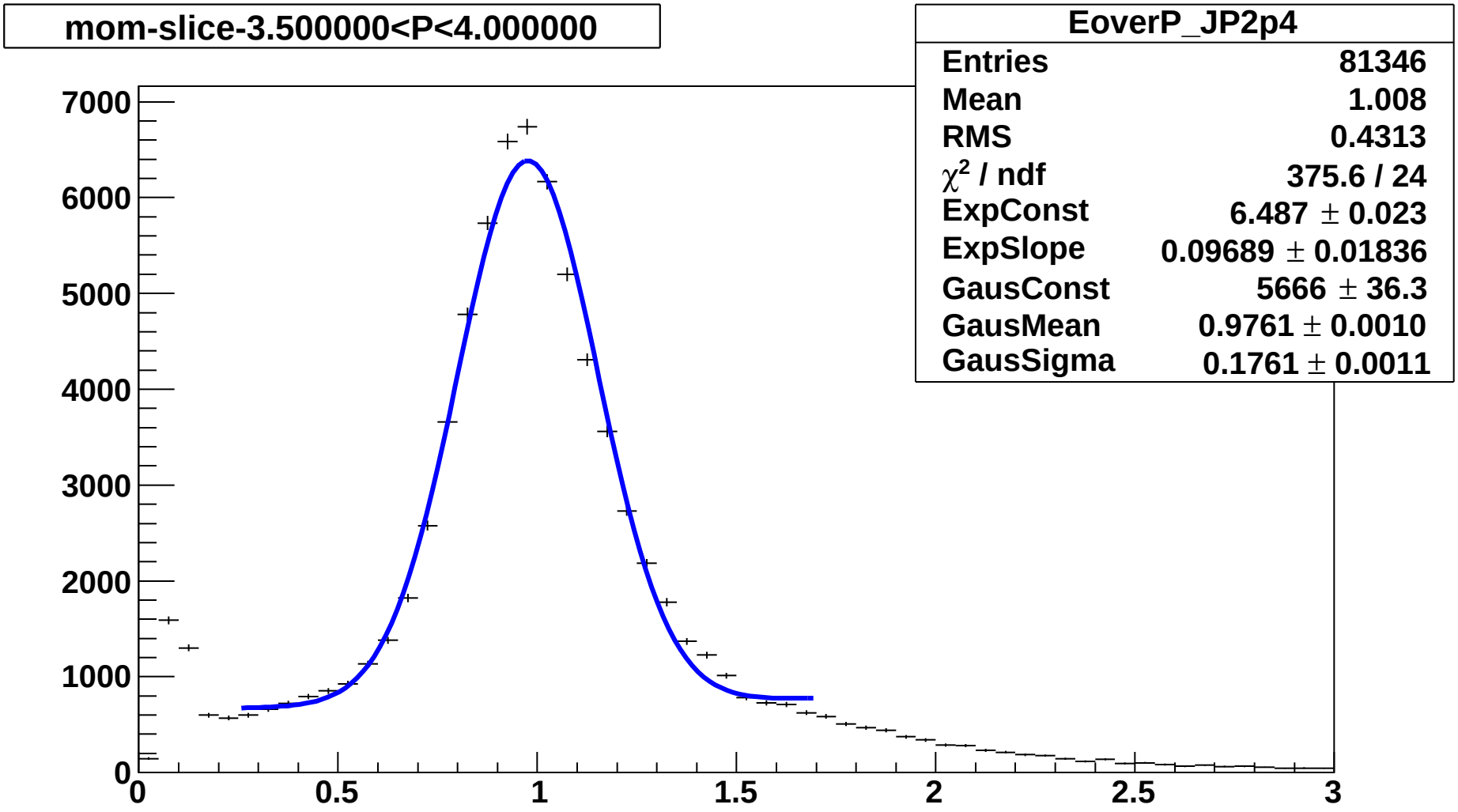
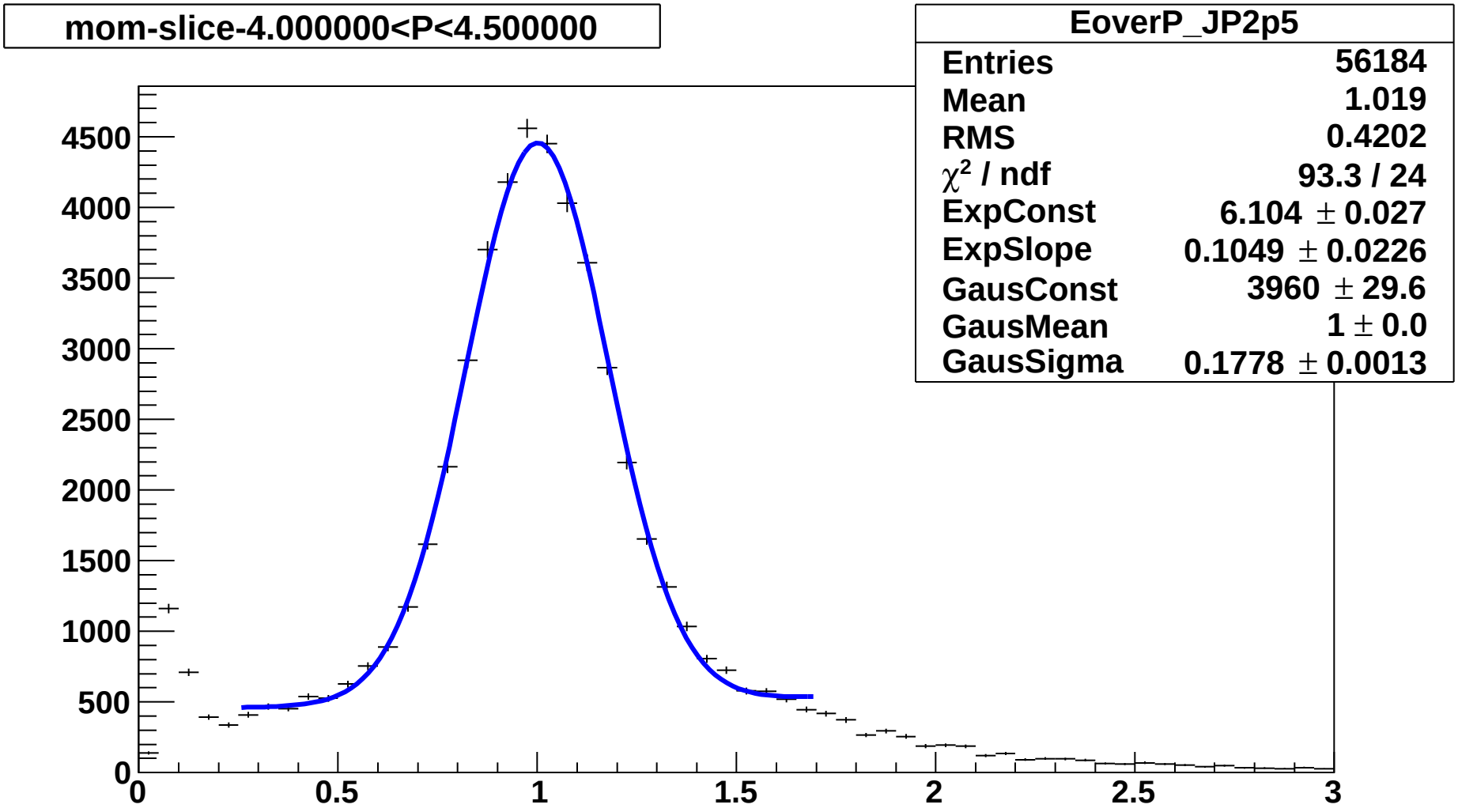
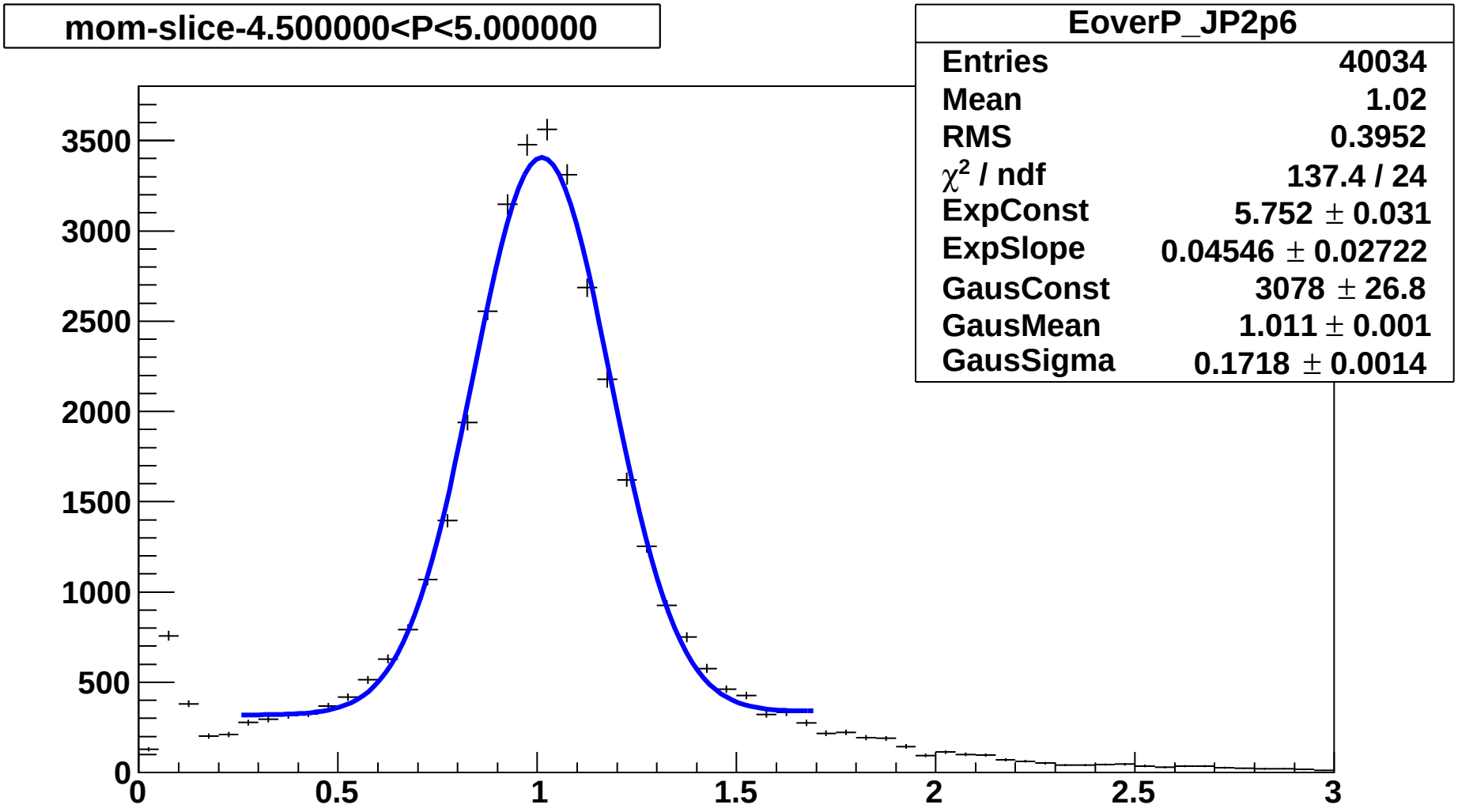
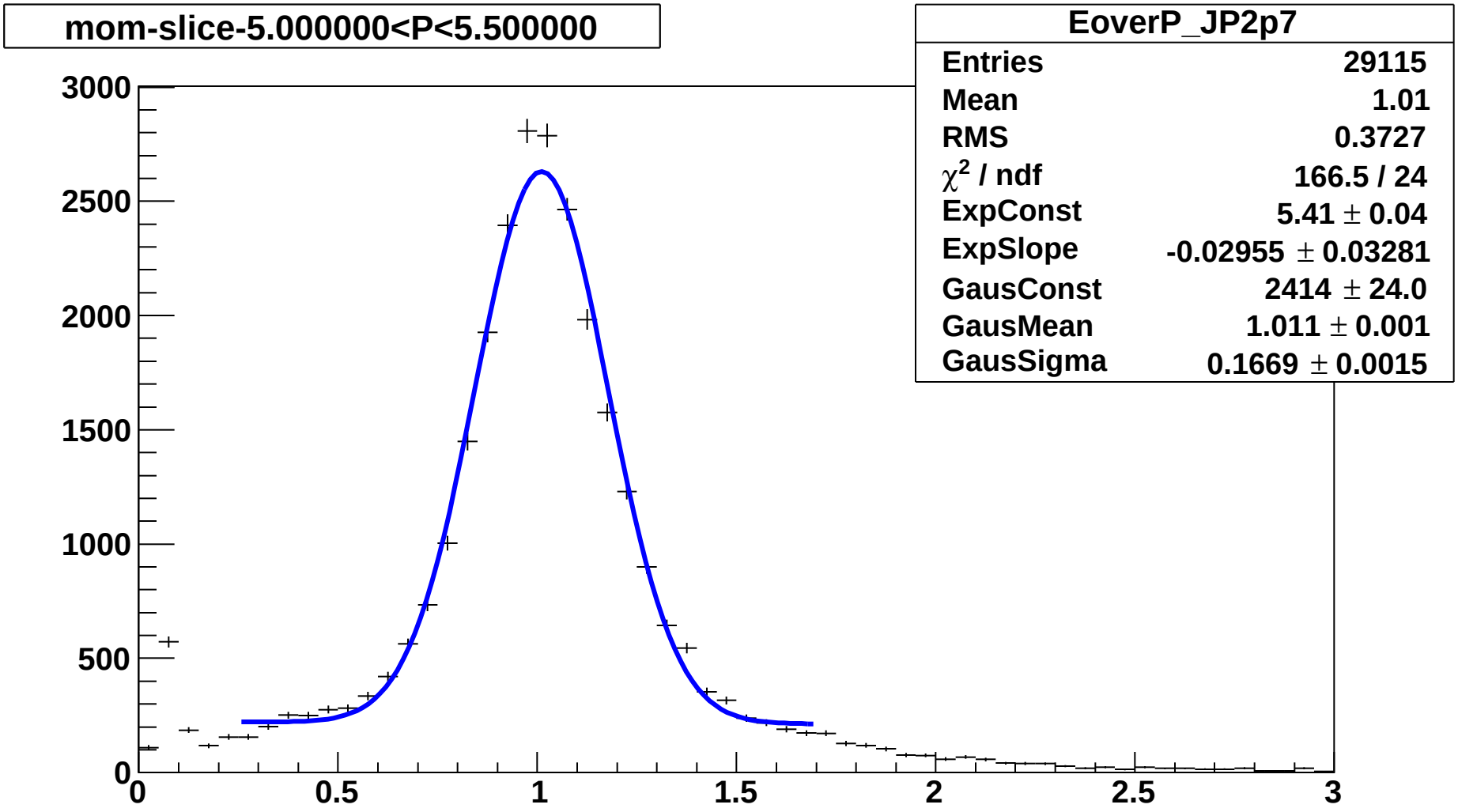
0.5
1
1.5
2
2.5
3

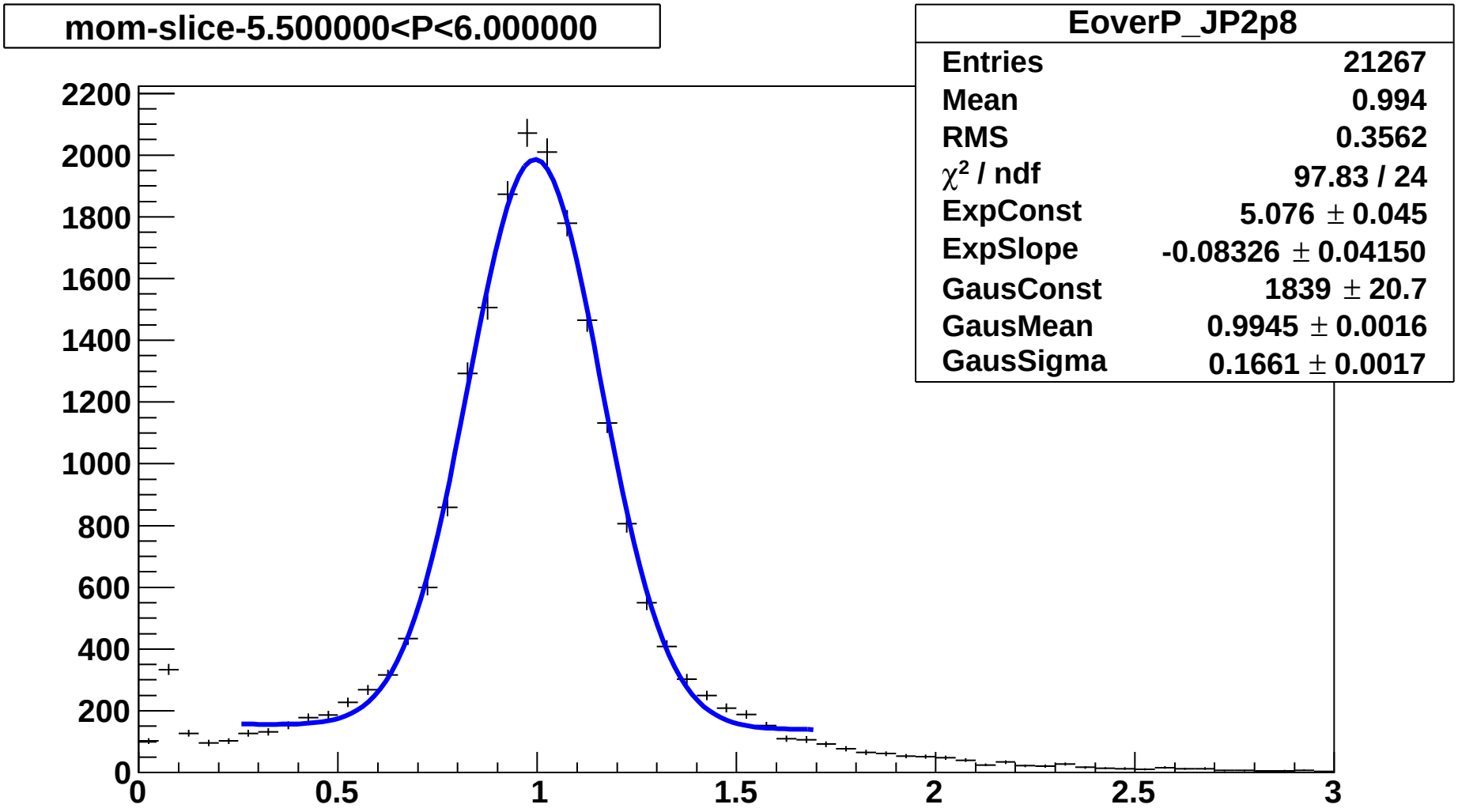

mom-slice-3.000000<P<3.500000
EoverP_JP2p3
Entries 125560
Mean 0.9843
RMS 0.4317
χ² / ndf 296 / 24
ExpConst 7.069 ± 0.017
ExpSlope -0.04742 ± 0.01419
GausConst 9700 ± 49.6
GausMean 0.9539 ± 0.0007
GausSigma 0.1587 ± 0.0008
10000
8000
6000
4000
2000
0
0
0.5
1
1.5
2
2.5
3

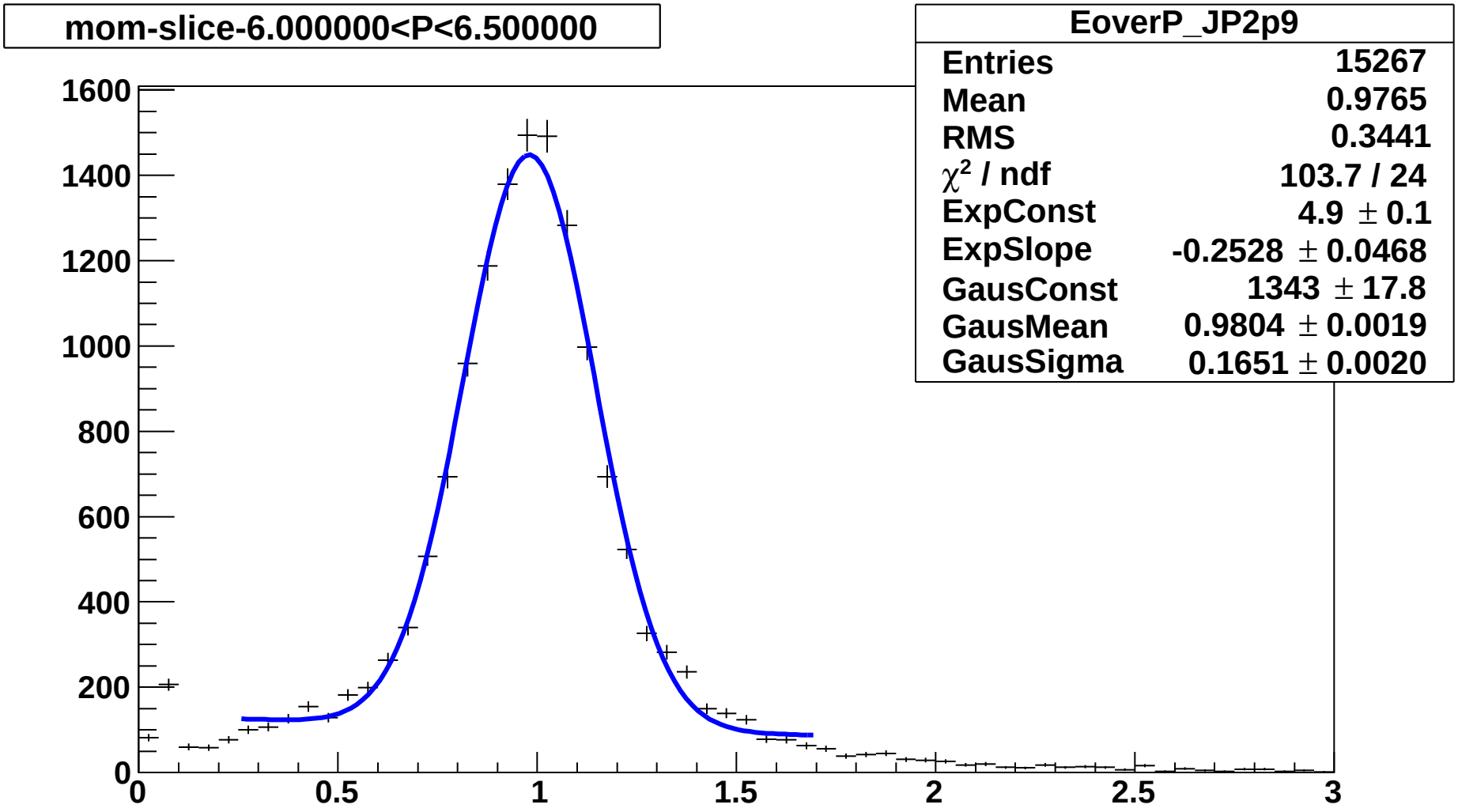

mom-slice-3.500000<P<4.000000
EoverP_JP2p4
Entries 81346
Mean 1.008
RMS 0.4313
χ² / ndf 375.6 / 24
ExpConst 6.487 ± 0.023
ExpSlope 0.09689 ± 0.01836
GausConst 5666 ± 36.3
GausMean 0.9761 ± 0.0010
GausSigma 0.1761 ± 0.0011
7000
6000
5000
4000
3000
2000
1000
0
0
0.5
1
1.5
2
2.5
3

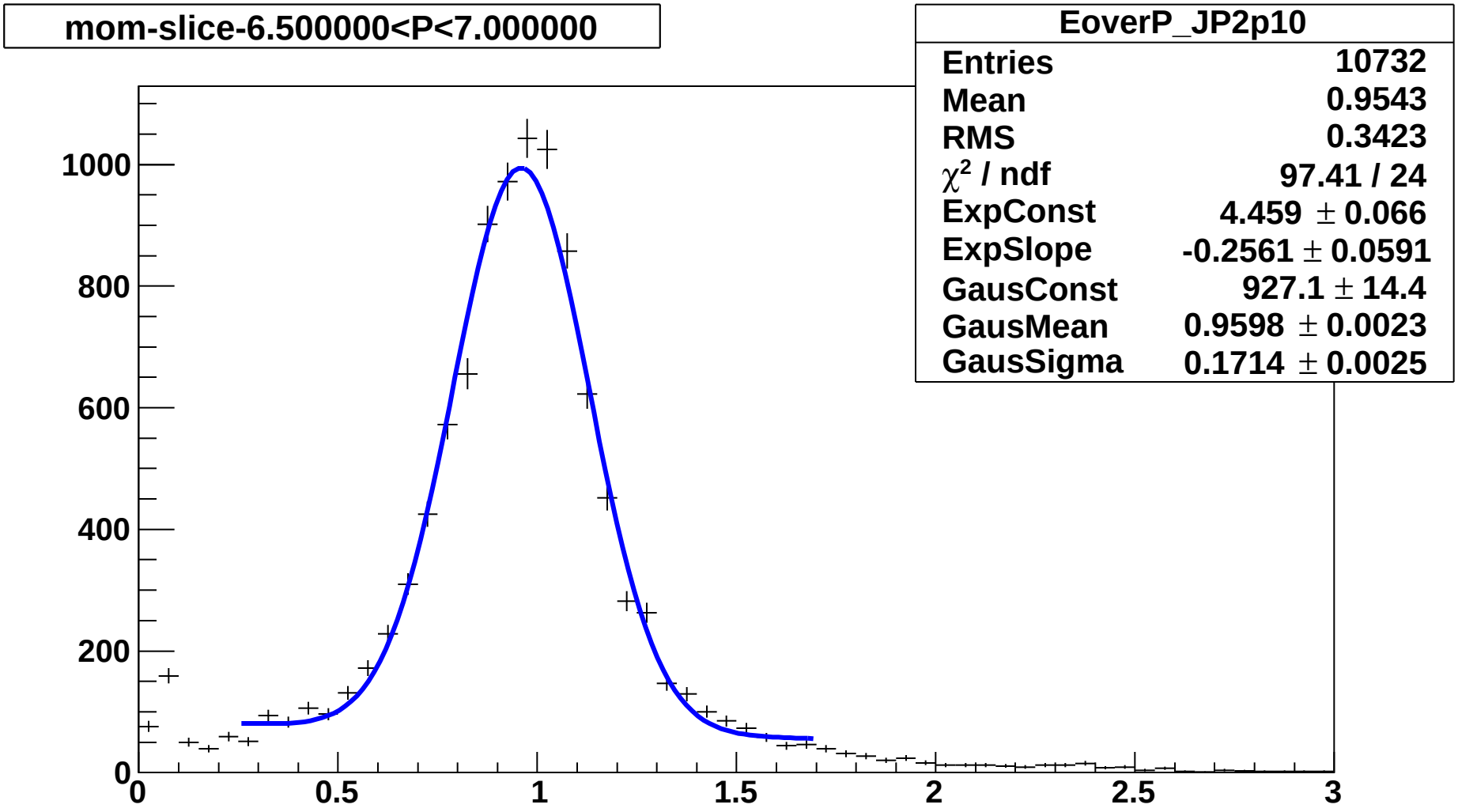

mom-slice-4.000000<P<4.500000
EoverP_JP2p5
Entries 56184
Mean 1.019
RMS 0.4202
χ² / ndf 93.3 / 24
ExpConst 6.104 ± 0.027
ExpSlope 0.1049 ± 0.0226
GausConst 3960 ± 29.6
GausMean 1 ± 0.0
GausSigma 0.1778 ± 0.0013
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
0.5
1
1.5
2
2.5
3

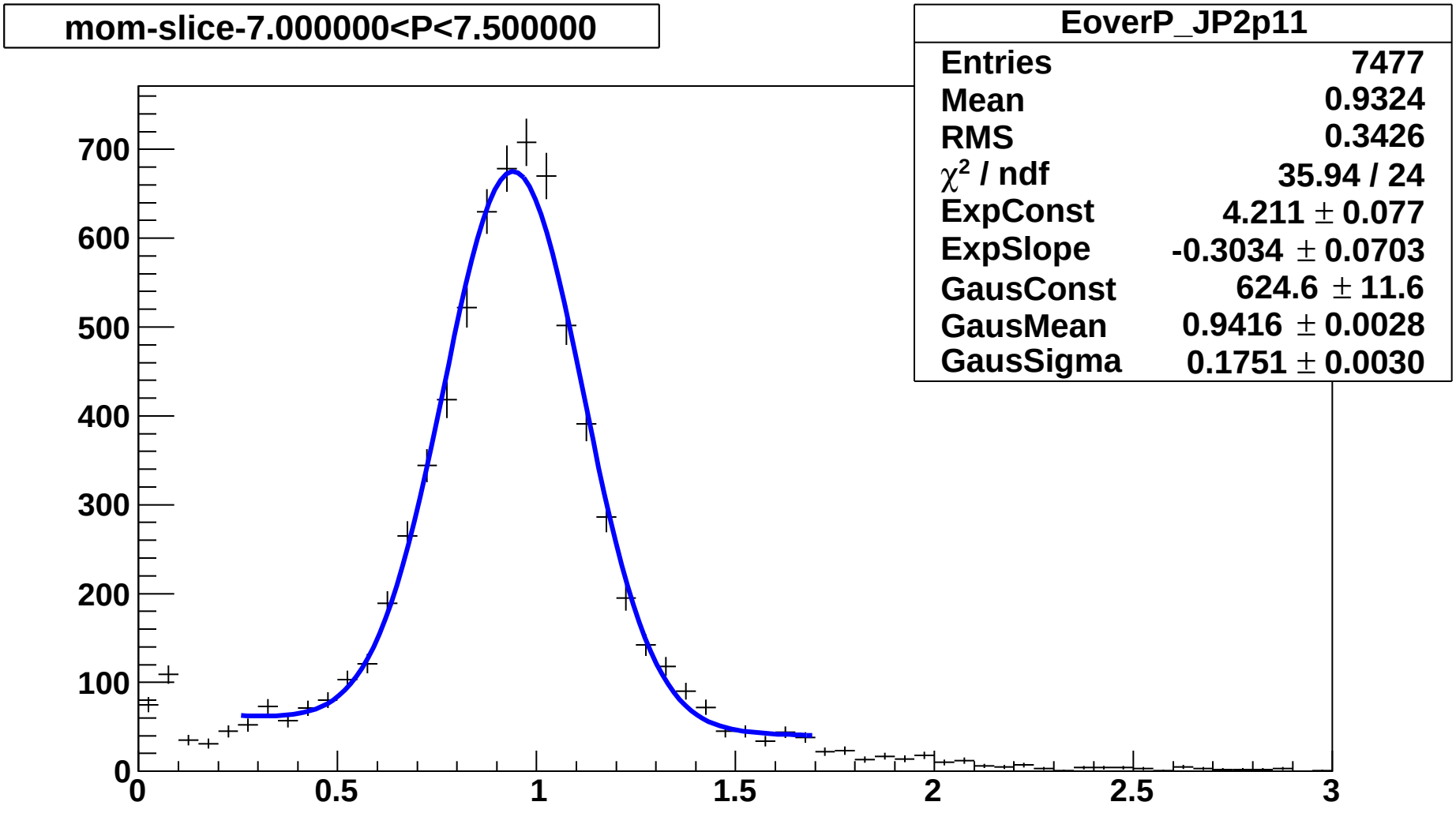

mom-slice-4.500000<P<5.000000
EoverP_JP2p6
Entries 40034
Mean 1.02
RMS 0.3952
χ² / ndf 137.4 / 24
ExpConst 5.752 ± 0.031
ExpSlope 0.04546 ± 0.02722
GausConst 3078 ± 26.8
GausMean 1.011 ± 0.001
GausSigma 0.1718 ± 0.0014
3500
3000
2500
2000
1500
1000
500
0
0
0.5
1
1.5
2
2.5
3

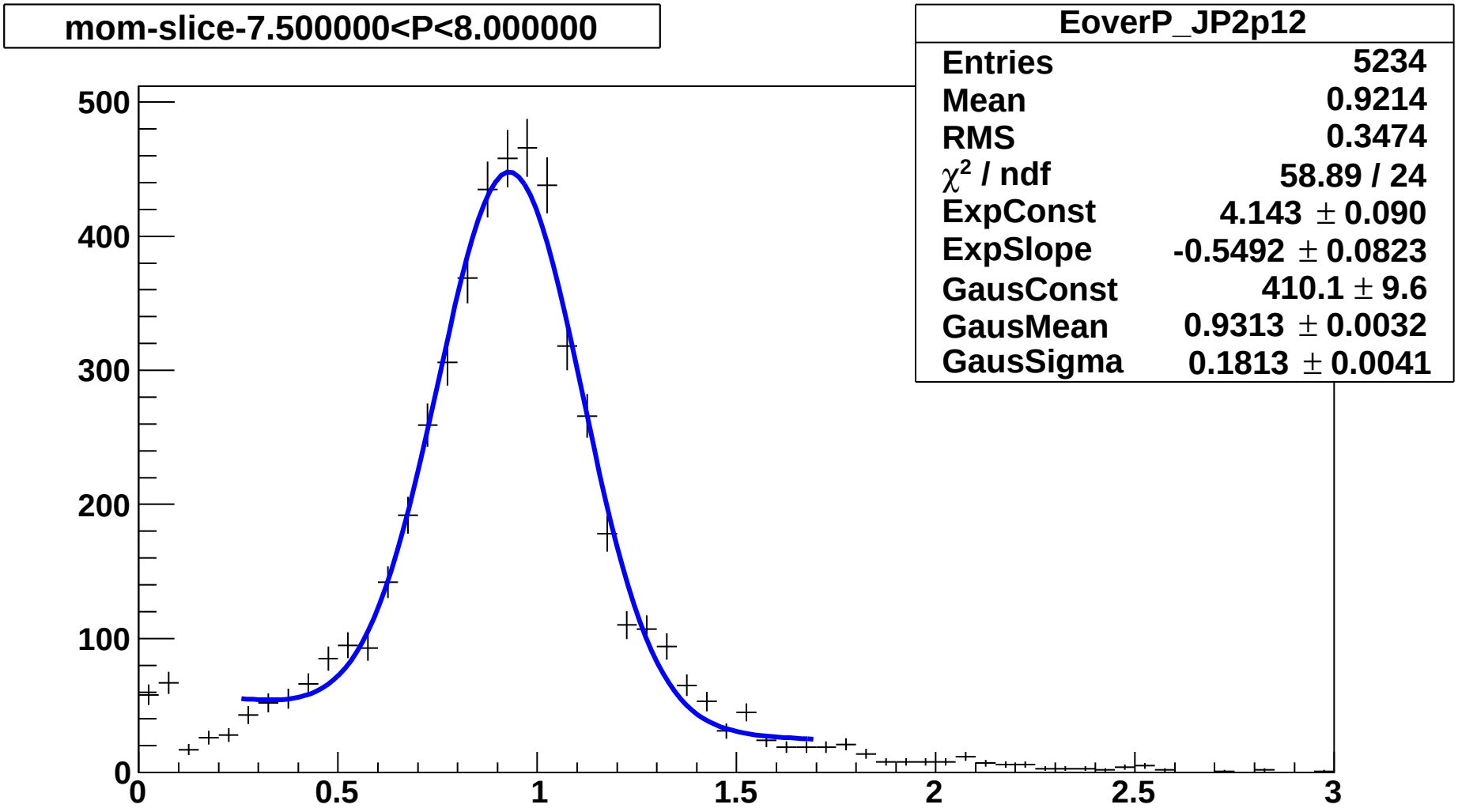

mom-slice-5.000000<P<5.500000
EoverP_JP2p7
Entries 29115
Mean 1.01
RMS 0.3727
χ² / ndf 166.5 / 24
ExpConst 5.41 ± 0.04
ExpSlope -0.02955 ± 0.03281
GausConst 2414 ± 24.0
GausMean 1.011 ± 0.001
GausSigma 0.1669 ± 0.0015
3000
2500
2000
1500
1000
500
0
0
0.5
1
1.5
2
2.5
3

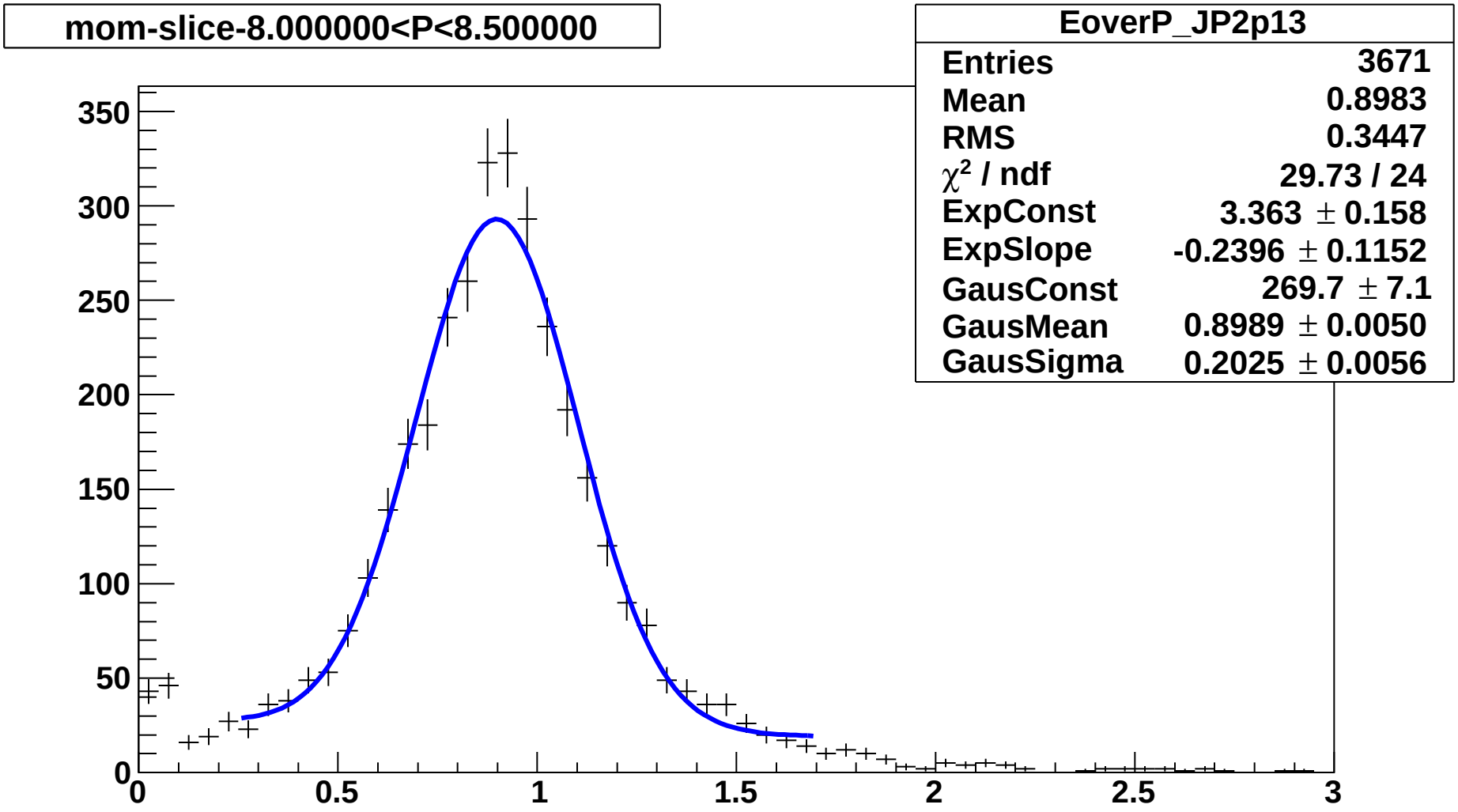

mom-slice-5.500000<P<6.000000
EoverP_JP2p8
Entries 21267
Mean 0.994
RMS 0.3562
χ² / ndf 97.83 / 24
ExpConst 5.076 ± 0.045
ExpSlope -0.08326 ± 0.04150
GausConst 1839 ± 20.7
GausMean 0.9945 ± 0.0016
GausSigma 0.1661 ± 0.0017
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.5
1
1.5
2
2.5
3

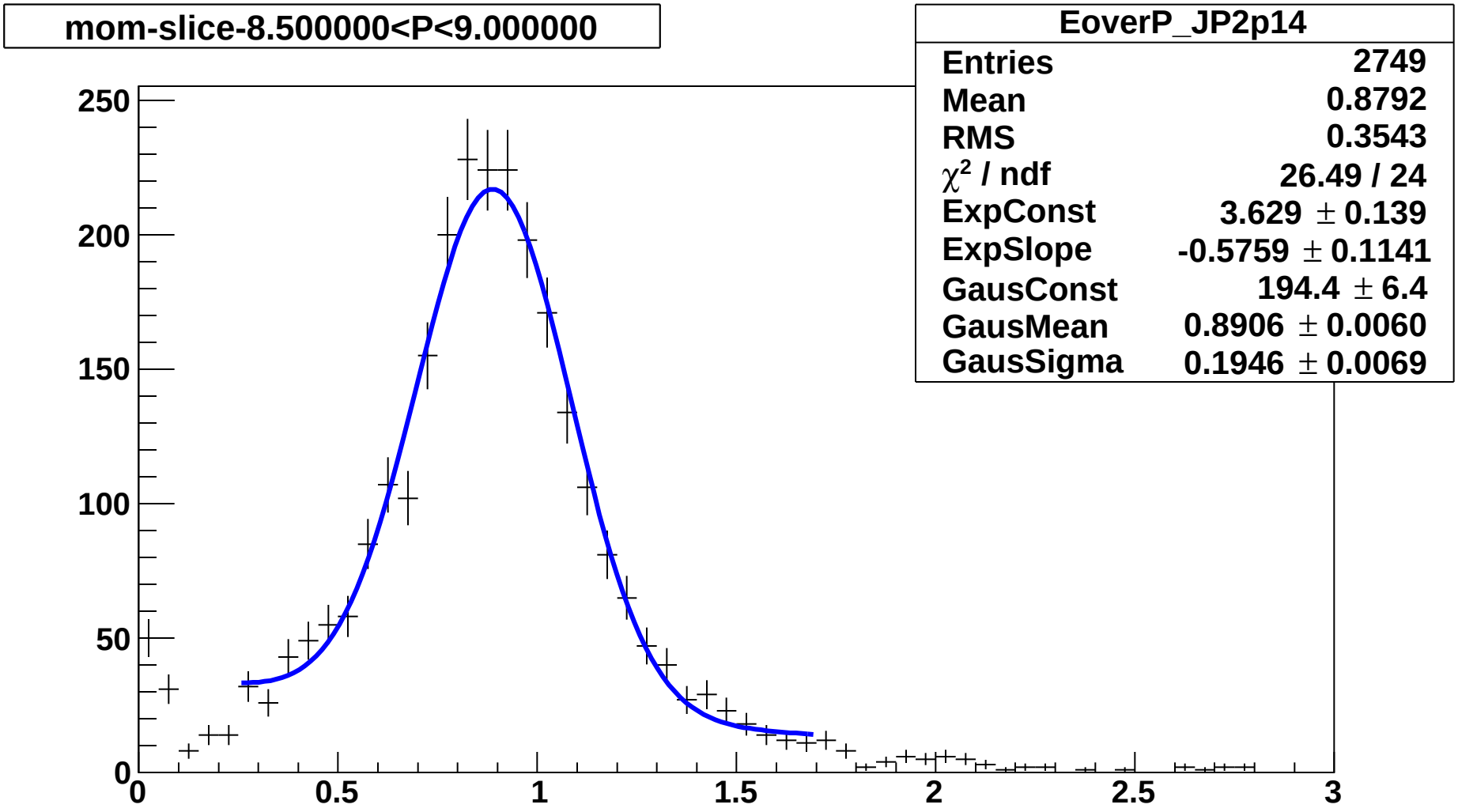

mom-slice-6.000000<P<6.500000
EoverP_JP2p9
Entries 15267
Mean 0.9765
RMS 0.3441
χ² / ndf 103.7 / 24
ExpConst 4.9 ± 0.1
ExpSlope -0.2528 ± 0.0468
GausConst 1343 ± 17.8
GausMean 0.9804 ± 0.0019
GausSigma 0.1651 ± 0.0020
1600
1400
1200
1000
800
600
400
200
0
0
0.5
1
1.5
2
2.5
3

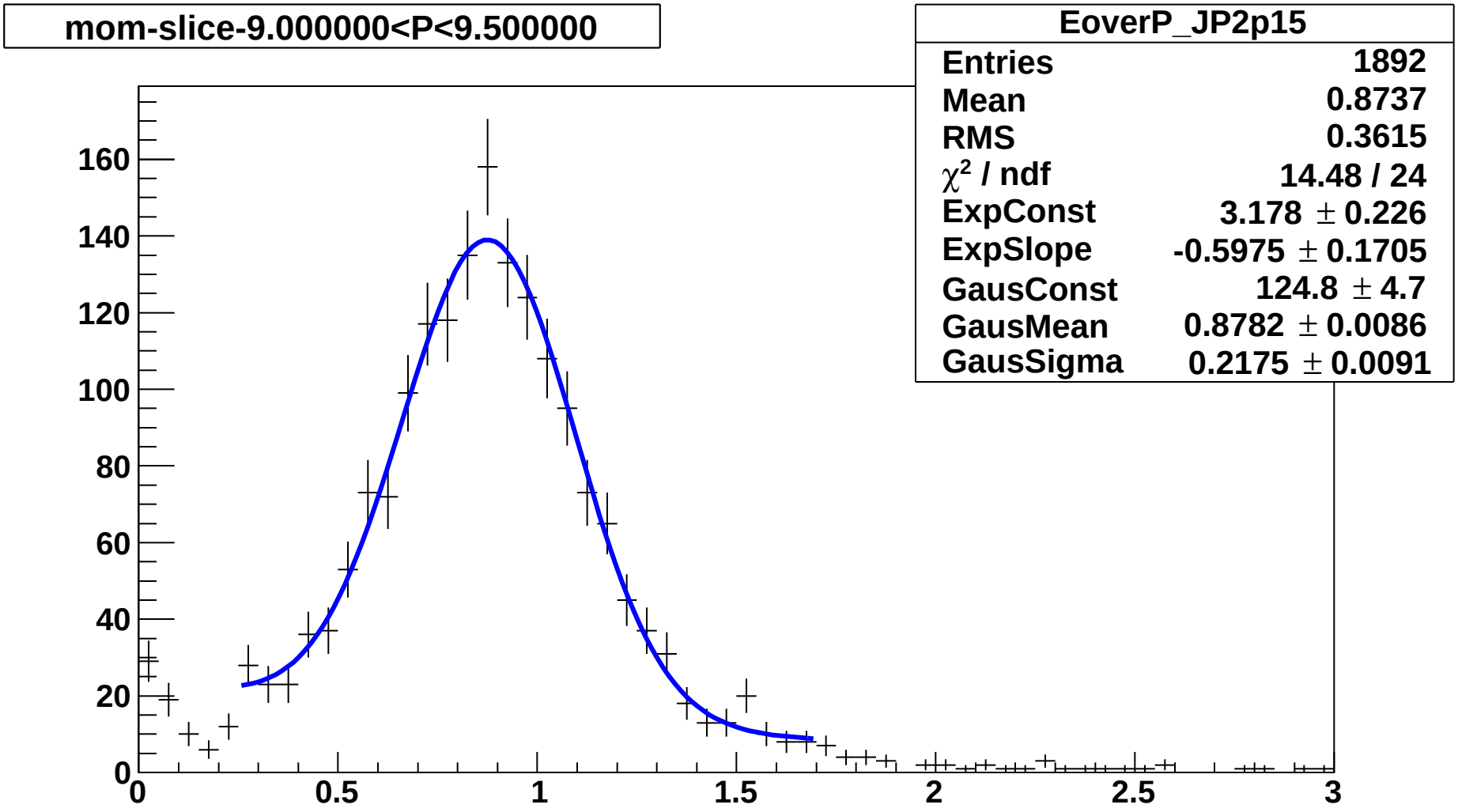

mom-slice-6.500000<P<7.000000
EoverP_JP2p10
Entries 10732
Mean 0.9543
RMS 0.3423
χ² / ndf 97.41 / 24
ExpConst 4.459 ± 0.066
ExpSlope -0.2561 ± 0.0591
GausConst 927.1 ± 14.4
GausMean 0.9598 ± 0.0023
GausSigma 0.1714 ± 0.0025
1000
800
600
400
200
0
0
0.5
1
1.5
2
2.5
3


mom-slice-7.000000<P<7.500000
EoverP_JP2p11
Entries 7477
Mean 0.9324
RMS 0.3426
χ² / ndf 35.94 / 24
ExpConst 4.211 ± 0.077
ExpSlope -0.3034 ± 0.0703
GausConst 624.6 ± 11.6
GausMean 0.9416 ± 0.0028
GausSigma 0.1751 ± 0.0030
0
100
200
300
400
500
600
700
0
0.5
1
1.5
2
2.5
3


mom-slice-7.500000<P<8.000000
EoverP_JP2p12
Entries 5234
Mean 0.9214
RMS 0.3474
χ² / ndf 58.89 / 24
ExpConst 4.143 ± 0.090
ExpSlope -0.5492 ± 0.0823
GausConst 410.1 ± 9.6
GausMean 0.9313 ± 0.0032
GausSigma 0.1813 ± 0.0041
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
3


mom-slice-8.000000<P<8.500000
EoverP_JP2p13
Entries 3671
Mean 0.8983
RMS 0.3447
χ² / ndf 29.73 / 24
ExpConst 3.363 ± 0.158
ExpSlope -0.2396 ± 0.1152
GausConst 269.7 ± 7.1
GausMean 0.8989 ± 0.0050
GausSigma 0.2025 ± 0.0056
350
300
250
200
150
100
50
0
0
0.5
1
1.5
2
2.5
3


mom-slice-8.500000<P<9.000000
EoverP_JP2p14
Entries 2749
Mean 0.8792
RMS 0.3543
χ² / ndf 26.49 / 24
ExpConst 3.629 ± 0.139
ExpSlope -0.5759 ± 0.1141
GausConst 194.4 ± 6.4
GausMean 0.8906 ± 0.0060
GausSigma 0.1946 ± 0.0069
250
200
150
100
50
0
0
0.5
1
1.5
2
2.5
3


mom-slice-9.000000<P<9.500000
EoverP_JP2p15
Entries 1892
Mean 0.8737
RMS 0.3615
χ² / ndf 14.48 / 24
ExpConst 3.178 ± 0.226
ExpSlope -0.5975 ± 0.1705
GausConst 124.8 ± 4.7
GausMean 0.8782 ± 0.0086
GausSigma 0.2175 ± 0.0091
0
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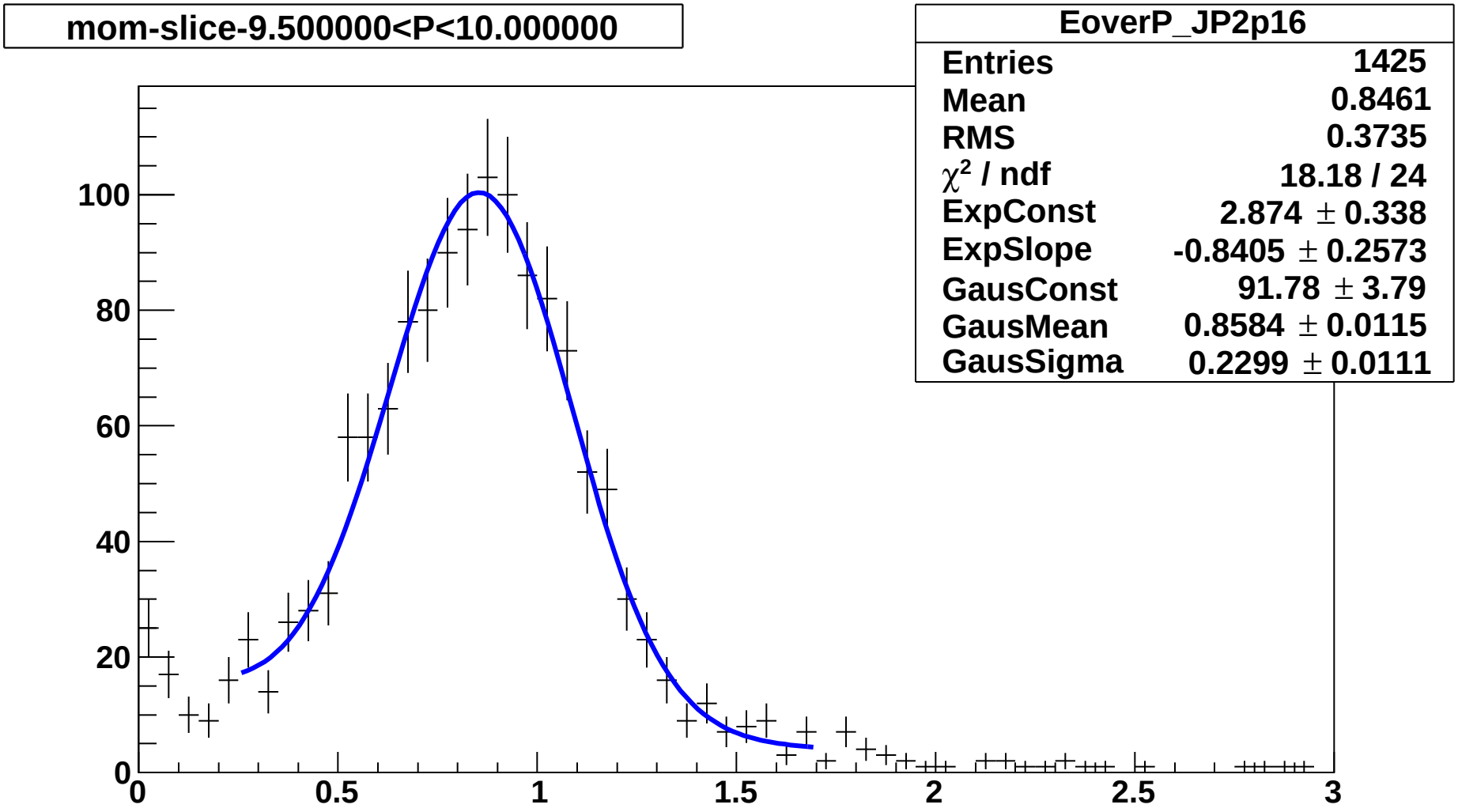
40
60
80
100
120
140
160
0
0.5
1
1.5
2
2.5
3


mom-slice-9.500000<P<10.000000
EoverP_JP2p16
Entries 1425
Mean 0.8461
RMS 0.3735
χ² / ndf 18.18 / 24
ExpConst 2.874 ± 0.338
ExpSlope -0.8405 ± 0.2573
GausConst 91.78 ± 3.79
GausMean 0.8584 ± 0.0115
GausSigma 0.2299 ± 0.0111
0
20
40
60
80
100
0
0.5
1
1.5
2
2.5
3