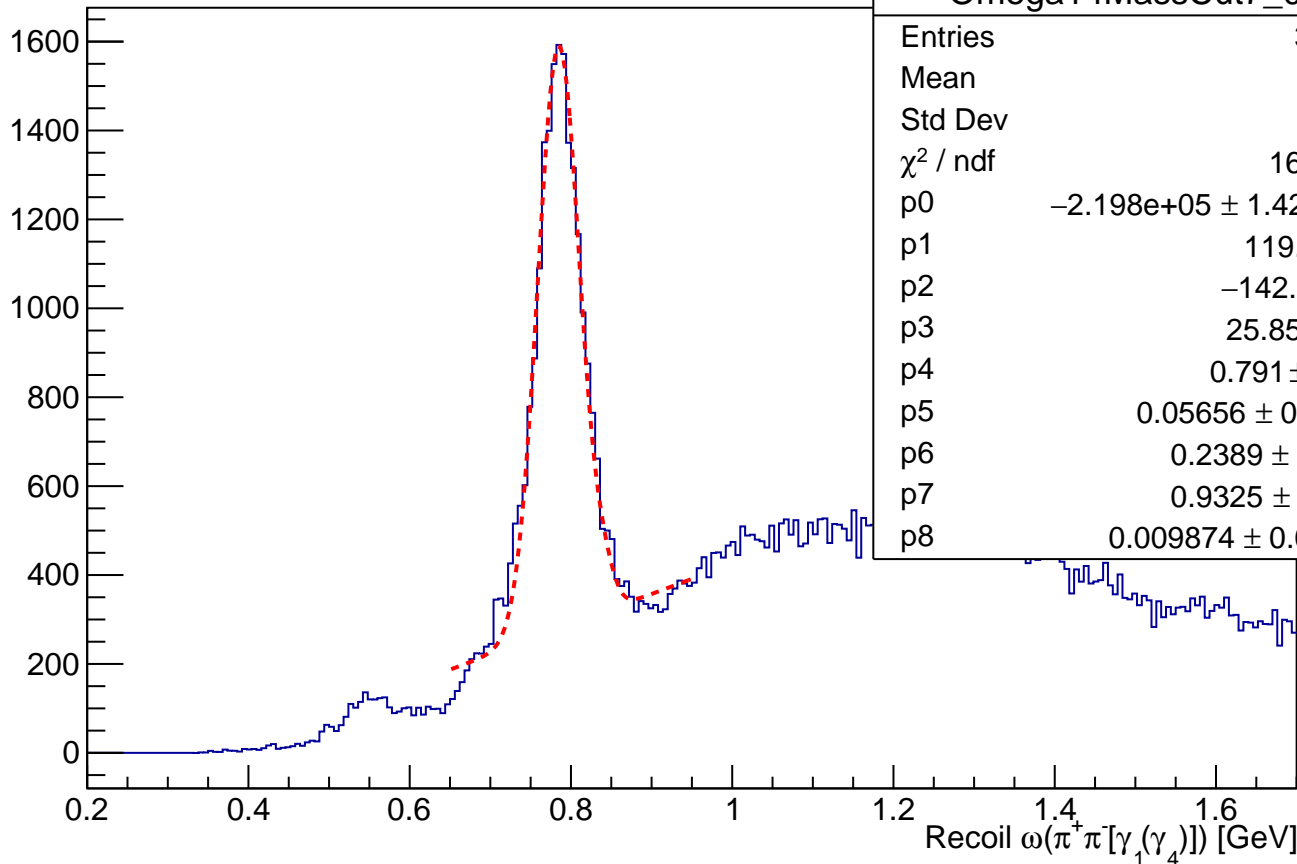


$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $10.00 < \theta < 11.00$

Counts / 1.5MeV

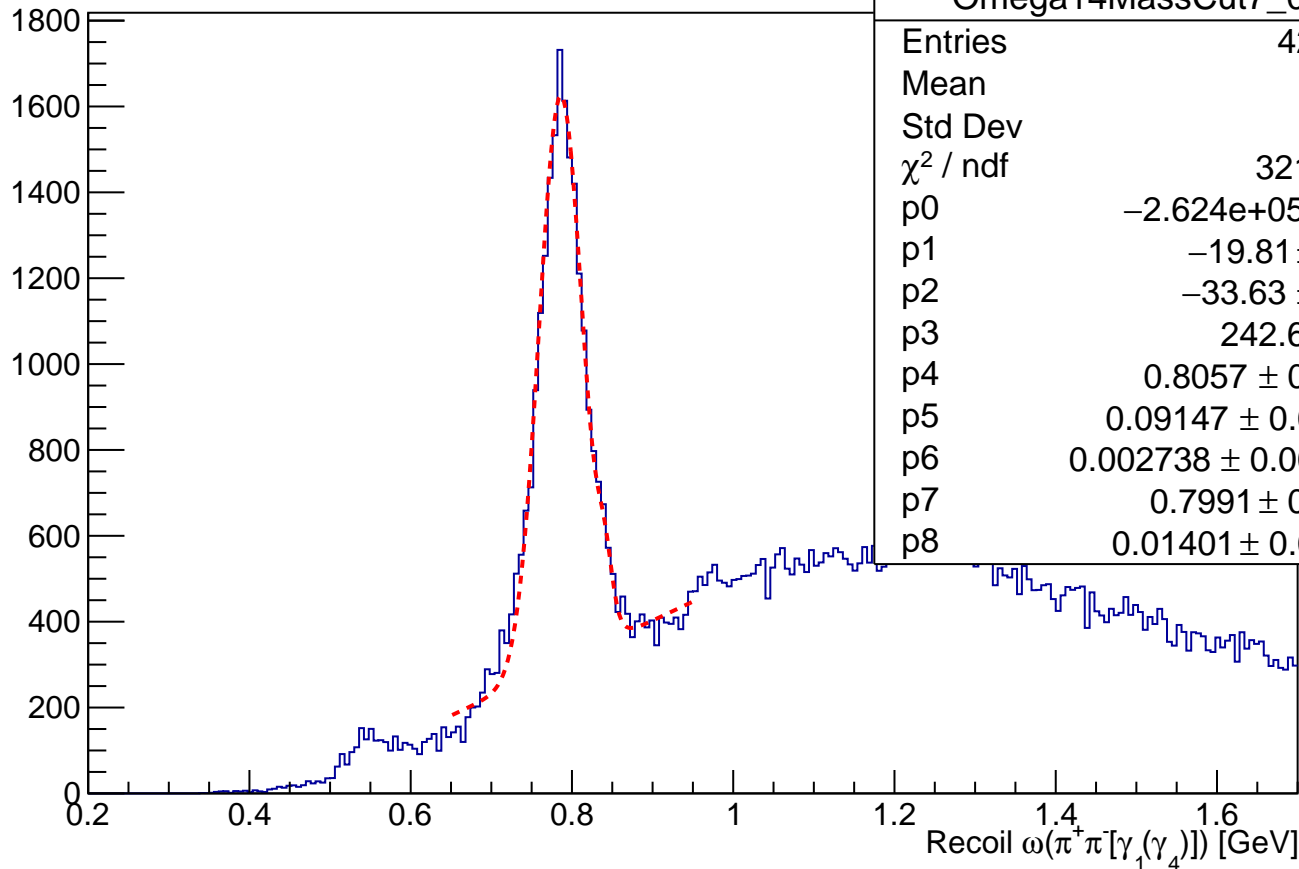


Omega14MassCut7_0_0

Entries	393041
Mean	1.099
Std Dev	0.3019
χ^2 / ndf	1662 / 41
p0	$-2.198\text{e}+05 \pm 1.425\text{e}+00$
p1	119.1 ± 0.0
p2	-142.7 ± 0.8
p3	25.85 ± 0.71
p4	0.791 ± 0.000
p5	0.05656 ± 0.00067
p6	0.2389 ± 0.0106
p7	0.9325 ± 0.0013
p8	0.009874 ± 0.000821

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $11.00 < \theta < 12.00$

Counts / 1.5MeV

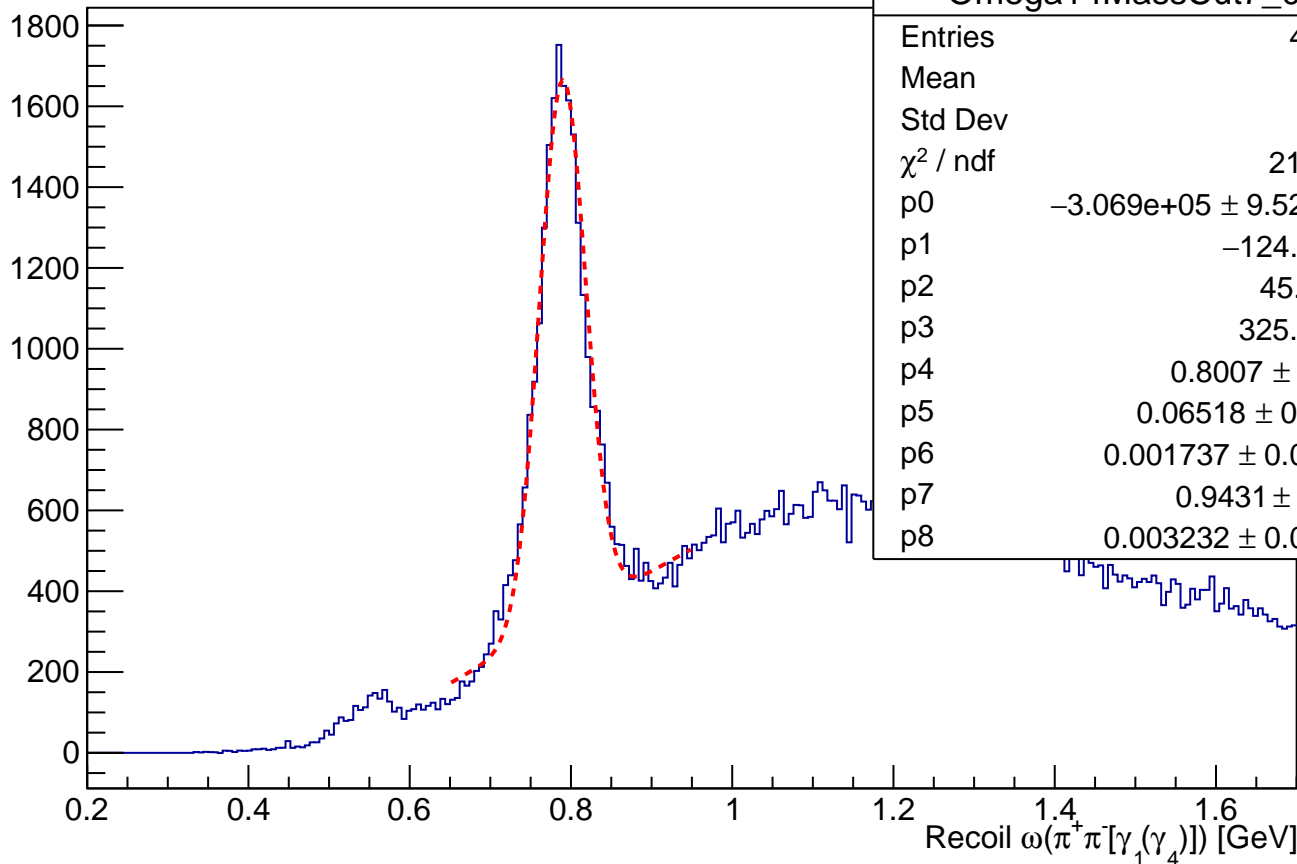


Omega14MassCut7_0_1

Entries	425200
Mean	1.106
Std Dev	0.301
χ^2 / ndf	3210 / 41
p0	$-2.624\text{e}+05 \pm 0.0$
p1	-19.81 ± 0.00
p2	-33.63 ± 0.00
p3	242.6 ± 0.0
p4	0.8057 ± 0.0000
p5	0.09147 ± 0.00000
p6	0.002738 ± 0.000000
p7	0.7991 ± 0.0000
p8	0.01401 ± 0.00000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $12.00 < \theta < 13.00$

Counts / 1.5MeV

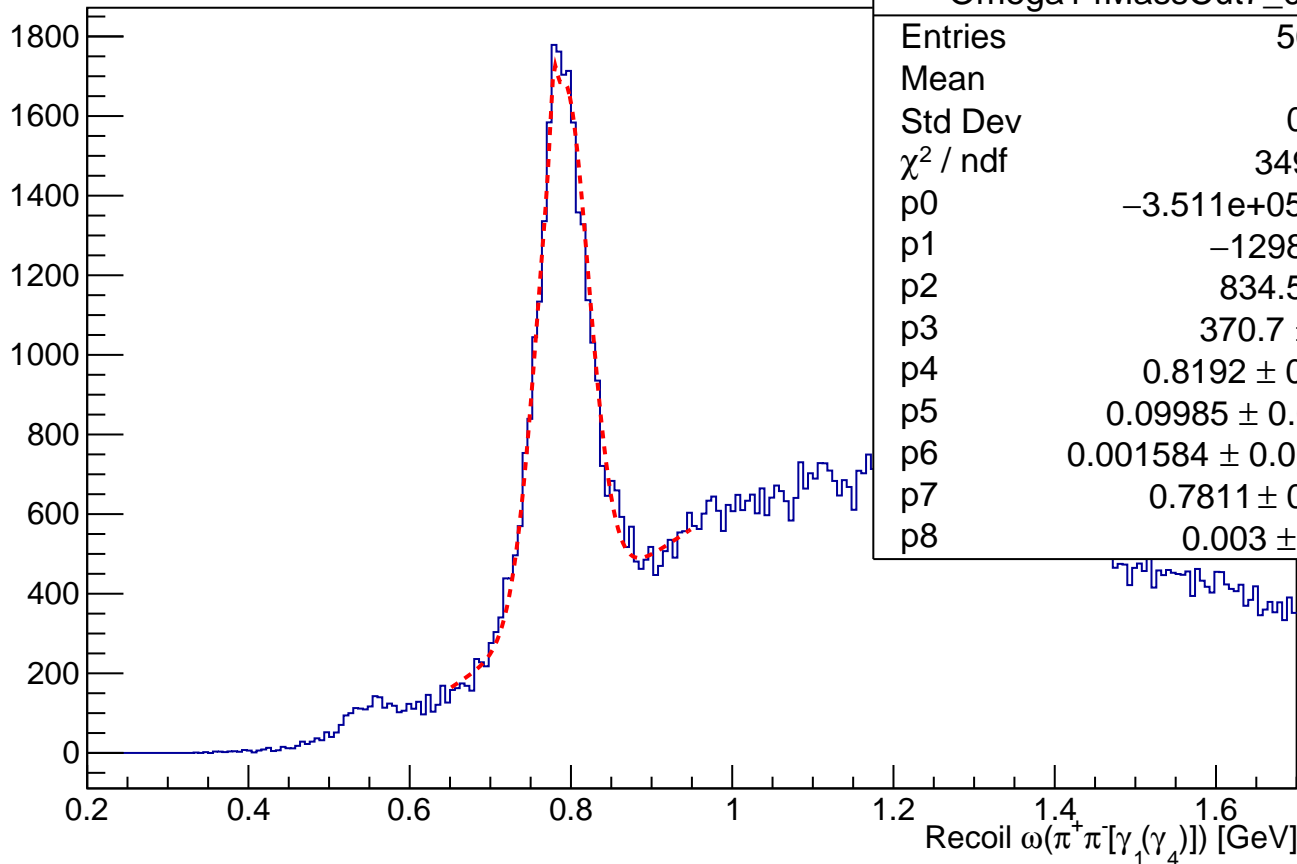


Omega14MassCut7_0_2

Entries	460379
Mean	1.109
Std Dev	0.2968
χ^2 / ndf	2195 / 41
p0	$-3.069\text{e}+05 \pm 9.529\text{e}+07$
p1	-124.9 ± 0.5
p2	45.1 ± 0.3
p3	325.6 ± 0.0
p4	0.8007 ± 0.0000
p5	0.06518 ± 0.00000
p6	0.001737 ± 0.000000
p7	0.9431 ± 0.0000
p8	0.003232 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $13.00 < \theta < 14.00$

Counts / 1.5MeV

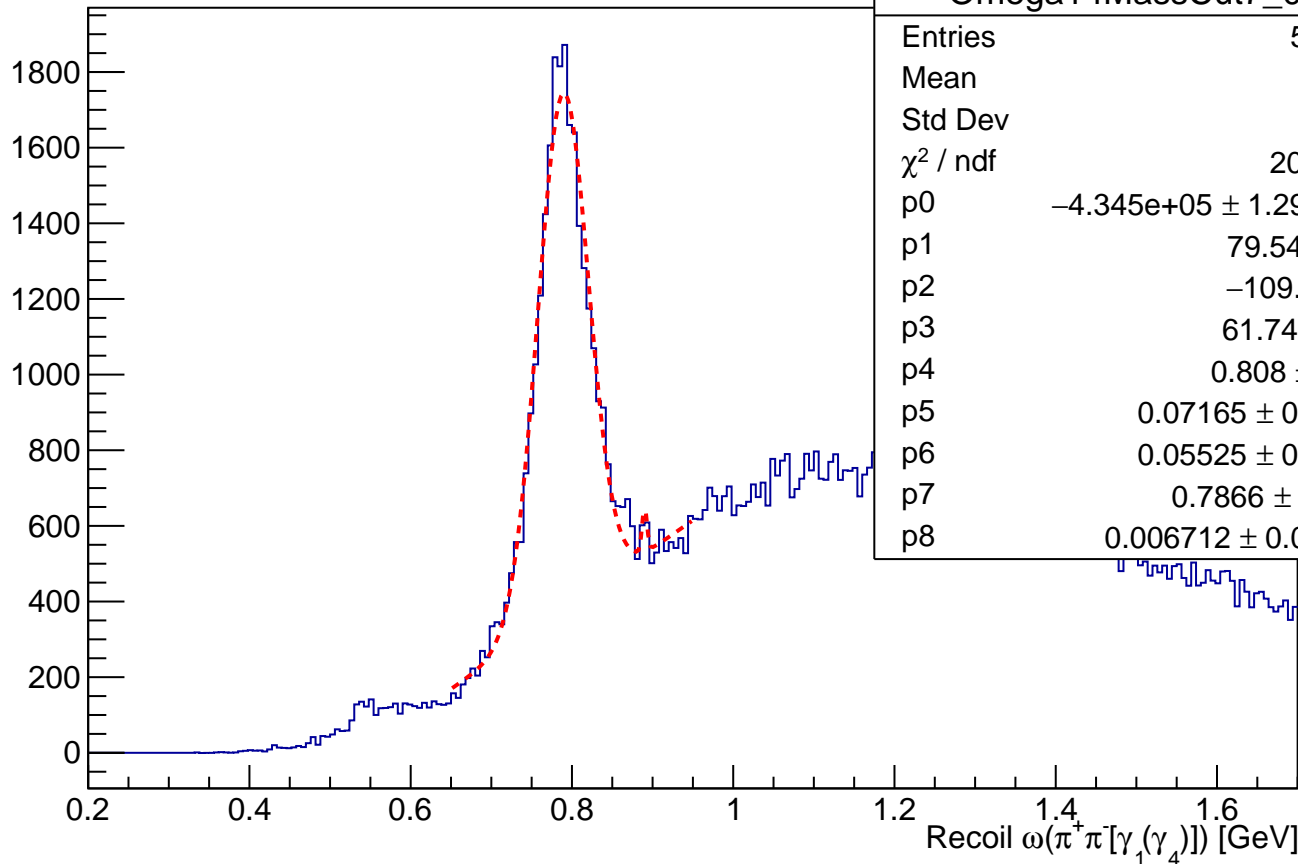


Omega14MassCut7_0_3

Entries	502148
Mean	1.113
Std Dev	0.2956
χ^2 / ndf	3493 / 41
p0	$-3.511\text{e}+05 \pm 0.0$
p1	-1298 ± 0.0
p2	834.5 ± 0.0
p3	370.7 ± 12.2
p4	0.8192 ± 0.0087
p5	0.09985 ± 0.00009
p6	0.001584 ± 0.000096
p7	0.7811 ± 0.1535
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $14.00 < \theta < 15.00$

Counts / 1.5MeV

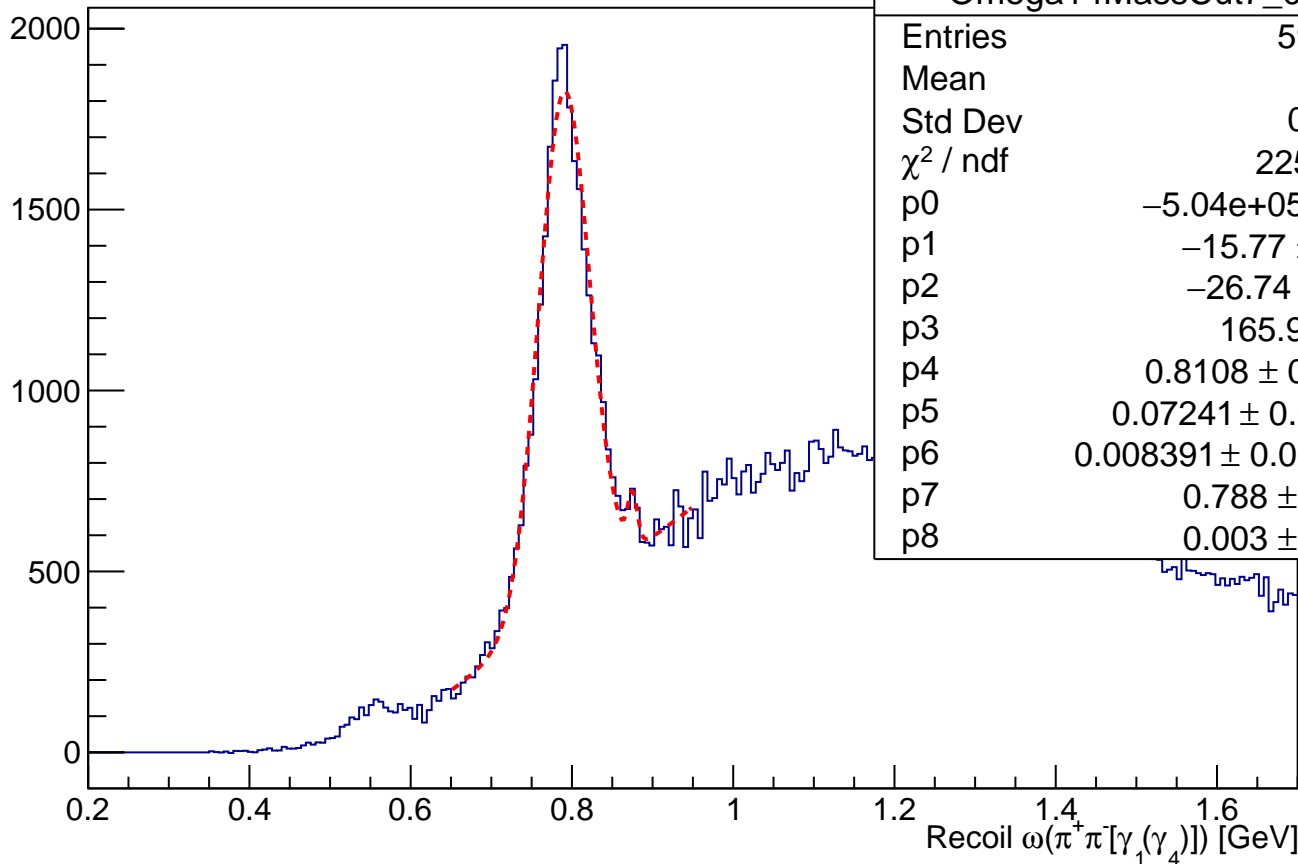


Omega14MassCut7_0_4

Entries	545547
Mean	1.117
Std Dev	0.2932
χ^2 / ndf	2073 / 41
p0	$-4.345\text{e}+05 \pm 1.292\text{e}+00$
p1	79.54 ± 0.01
p2	-109.1 ± 1.4
p3	61.74 ± 0.18
p4	0.808 ± 0.001
p5	0.07165 ± 0.00067
p6	0.05525 ± 0.00006
p7	0.7866 ± 0.0020
p8	0.006712 ± 0.001326

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $15.00 < \theta < 16.00$

Counts / 1.5MeV

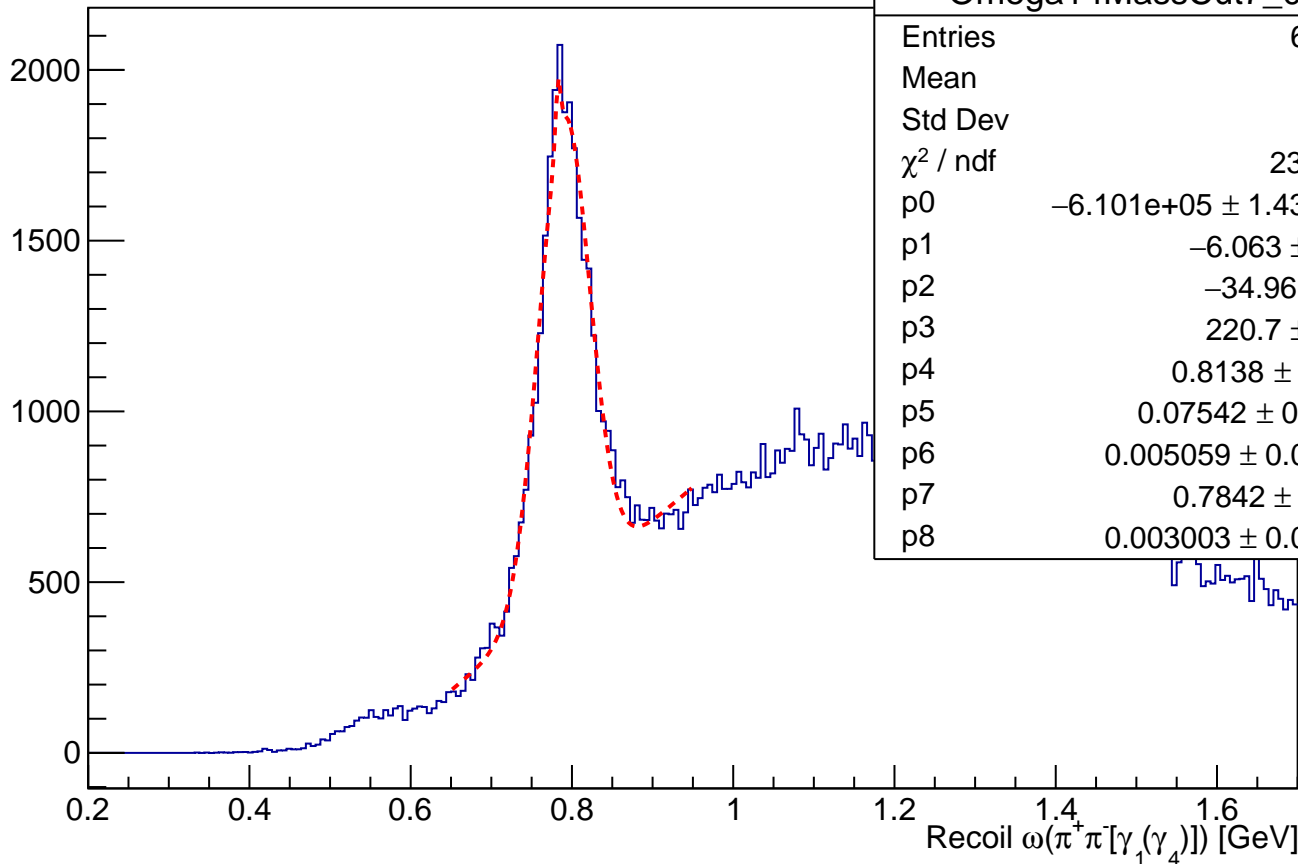


Omega14MassCut7_0_5

Entries	593658
Mean	1.122
Std Dev	0.2913
χ^2 / ndf	2257 / 41
p0	$-5.04\text{e}+05 \pm 0.0$
p1	-15.77 ± 0.00
p2	-26.74 ± 0.01
p3	165.9 ± 1.7
p4	0.8108 ± 0.0008
p5	0.07241 ± 0.00070
p6	0.008391 ± 0.000106
p7	0.788 ± 0.002
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $16.00 < \theta < 17.00$

Counts / 1.5MeV

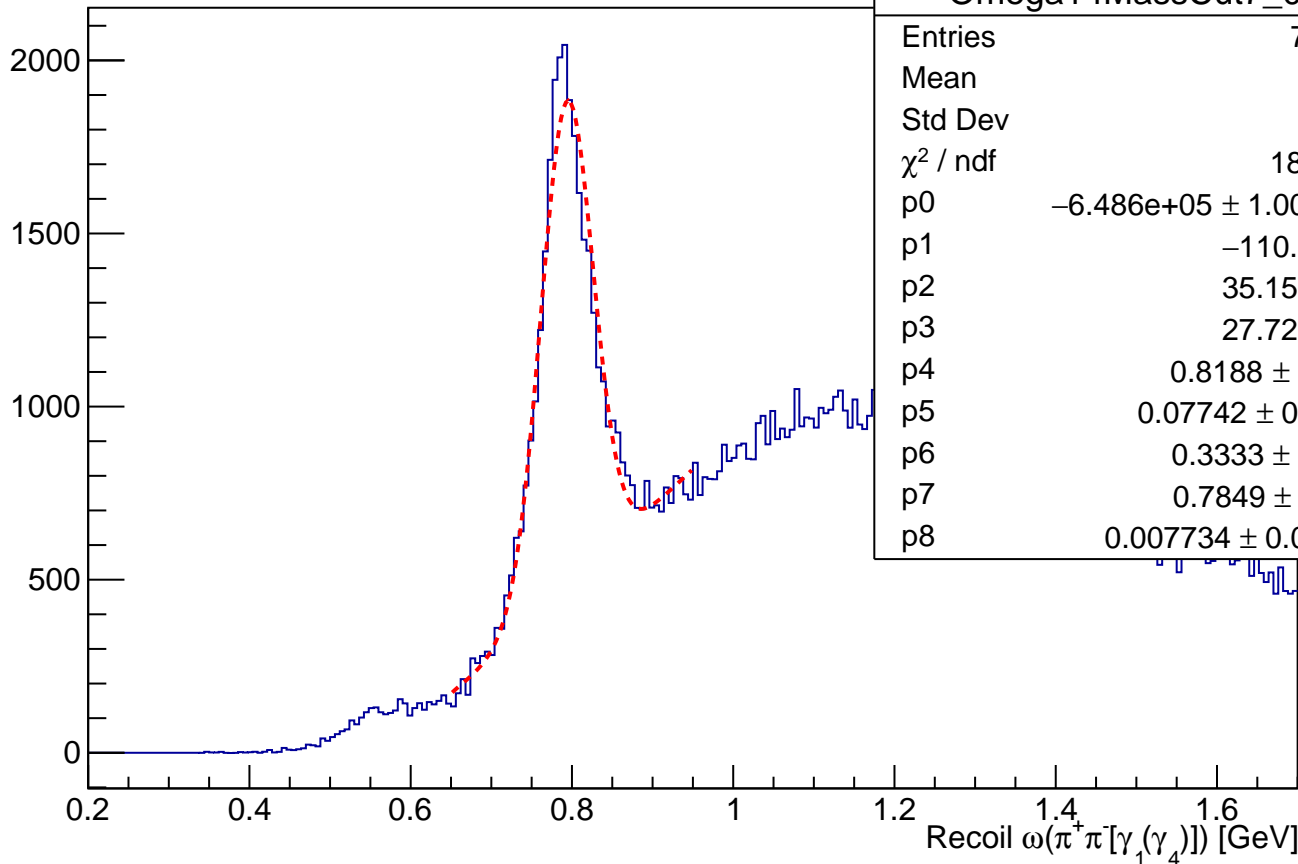


Omega14MassCut7_0_6

Entries	647216
Mean	1.126
Std Dev	0.2891
χ^2 / ndf	2303 / 41
p0	$-6.101\text{e}+05 \pm 1.436\text{e}+00$
p1	-6.063 ± 0.000
p2	-34.96 ± 1.47
p3	220.7 ± 432.6
p4	0.8138 ± 0.0229
p5	0.07542 ± 0.06077
p6	0.005059 ± 0.018978
p7	0.7842 ± 0.2099
p8	0.003003 ± 0.013397

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $17.00 < \theta < 18.00$

Counts / 1.5MeV

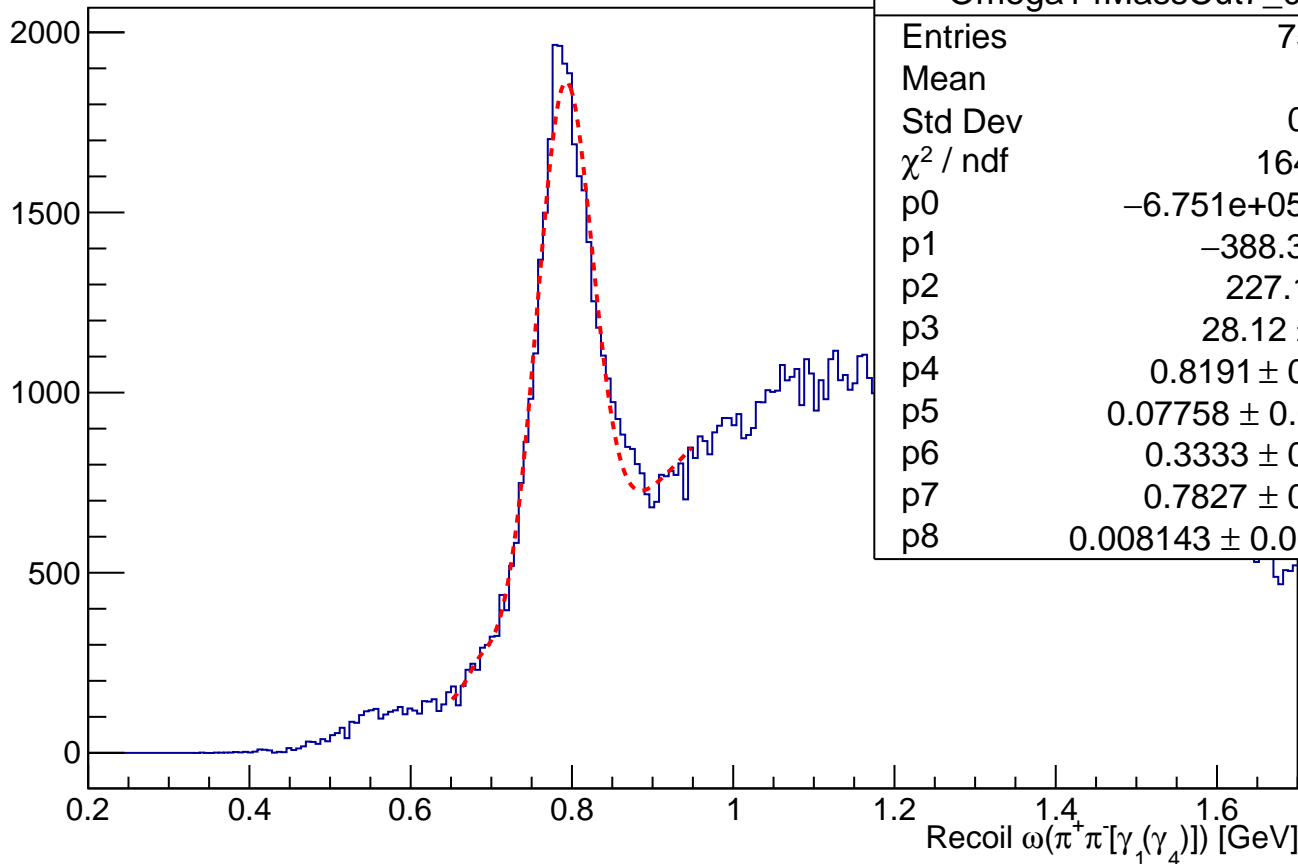


Omega14MassCut7_0_7

Entries	700747
Mean	1.132
Std Dev	0.287
χ^2 / ndf	1812 / 41
p0	$-6.486\text{e}+05 \pm 1.002\text{e}+00$
p1	-110.8 ± 1.0
p2	35.15 ± 1.06
p3	27.72 ± 1.19
p4	0.8188 ± 0.0007
p5	0.07742 ± 0.00065
p6	0.3333 ± 0.0284
p7	0.7849 ± 0.0012
p8	0.007734 ± 0.000753

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $18.00 < \theta < 19.00$

Counts / 1.5MeV

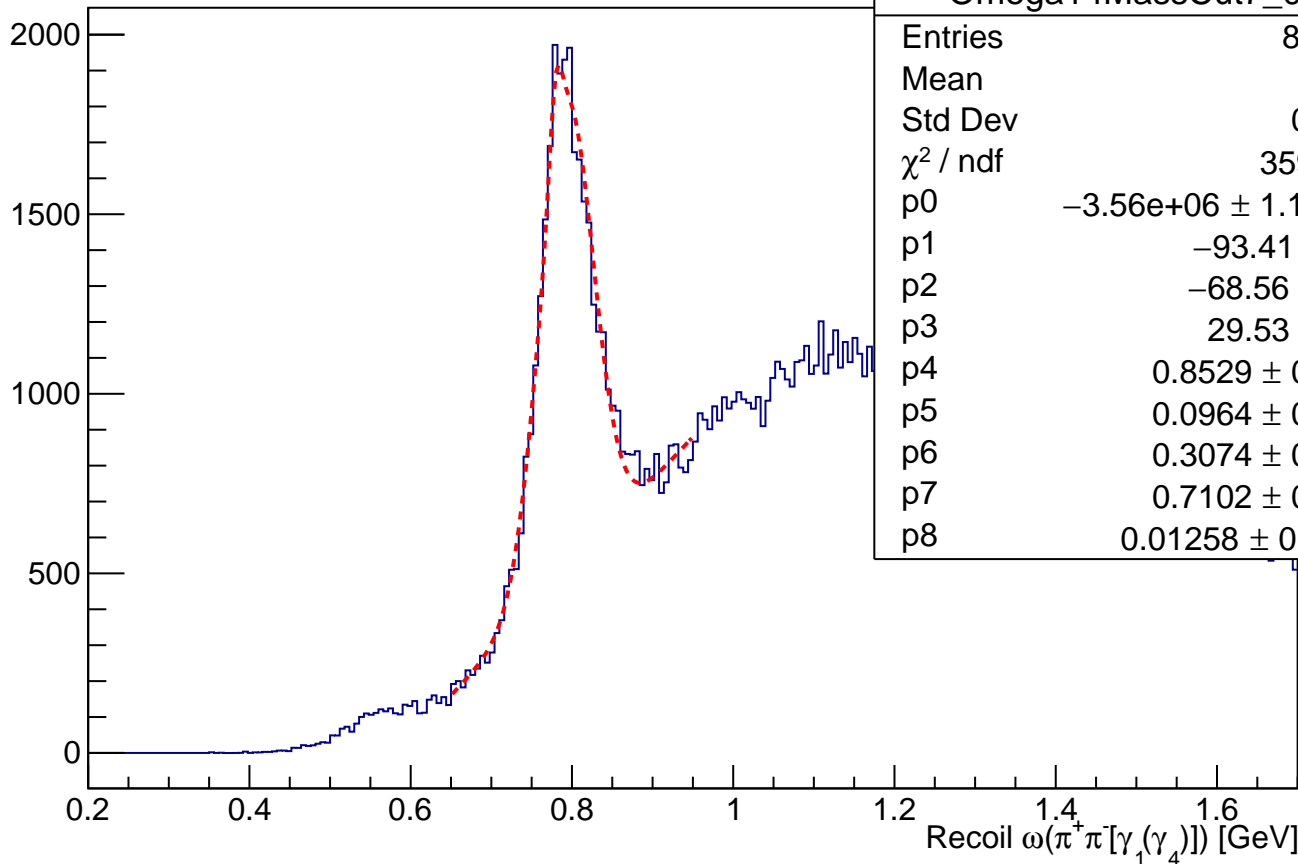


Omega14MassCut7_0_8

Entries	753386
Mean	1.137
Std Dev	0.2853
χ^2 / ndf	1645 / 41
p0	$-6.751\text{e}+05 \pm 0.0$
p1	-388.3 ± 0.0
p2	227.1 ± 0.0
p3	28.12 ± 0.00
p4	0.8191 ± 0.0000
p5	0.07758 ± 0.00000
p6	0.3333 ± 0.0000
p7	0.7827 ± 0.0000
p8	0.008143 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $19.00 < \theta < 20.00$

Counts / 1.5MeV

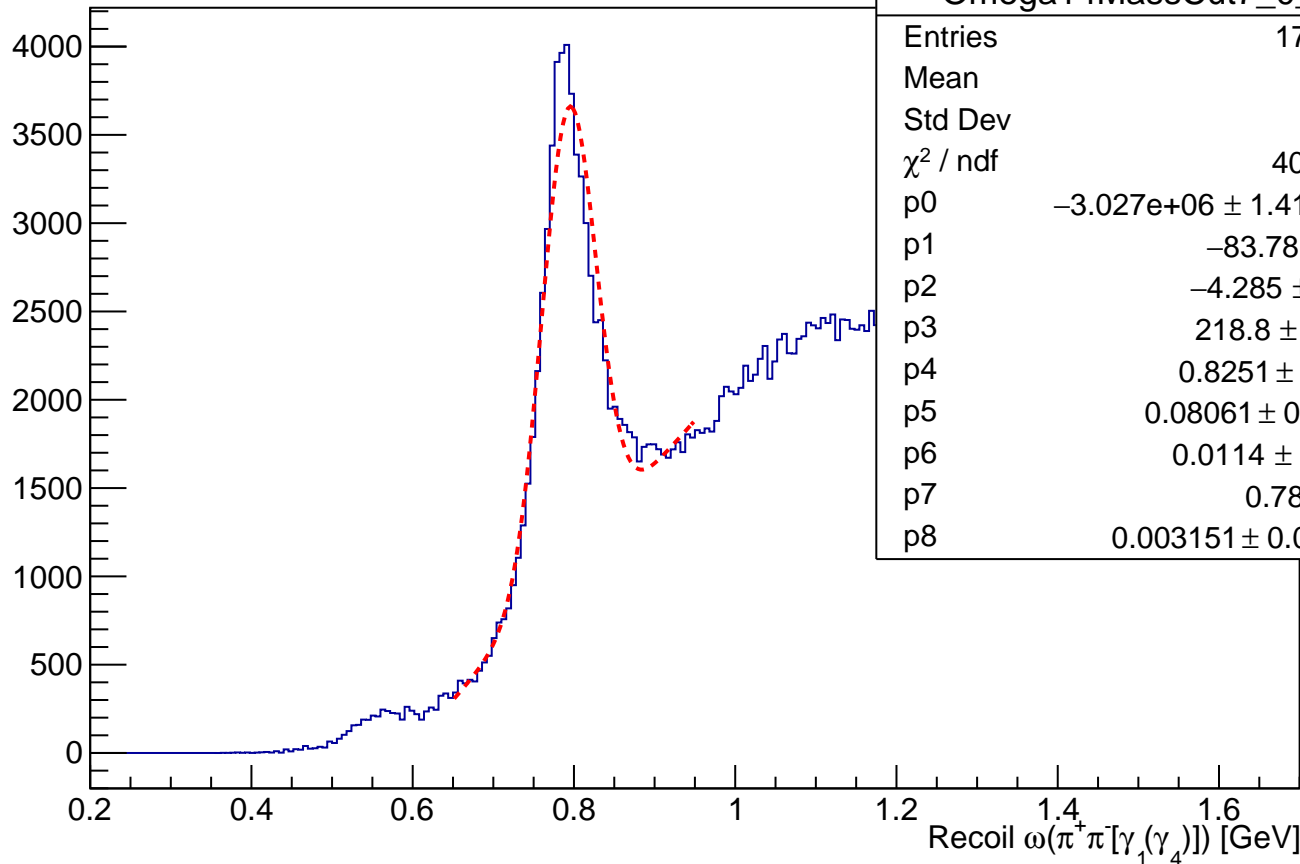


Omega14MassCut7_0_9

Entries	810240
Mean	1.146
Std Dev	0.2839
χ^2 / ndf	3593 / 41
p0	$-3.56\text{e}+06 \pm 1.12\text{e}+01$
p1	-93.41 ± 0.96
p2	-68.56 ± 0.00
p3	29.53 ± 0.14
p4	0.8529 ± 0.0008
p5	0.0964 ± 0.0004
p6	0.3074 ± 0.0025
p7	0.7102 ± 0.0005
p8	0.01258 ± 0.00341

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $20.00 < \theta < 22.00$

Counts / 1.5MeV

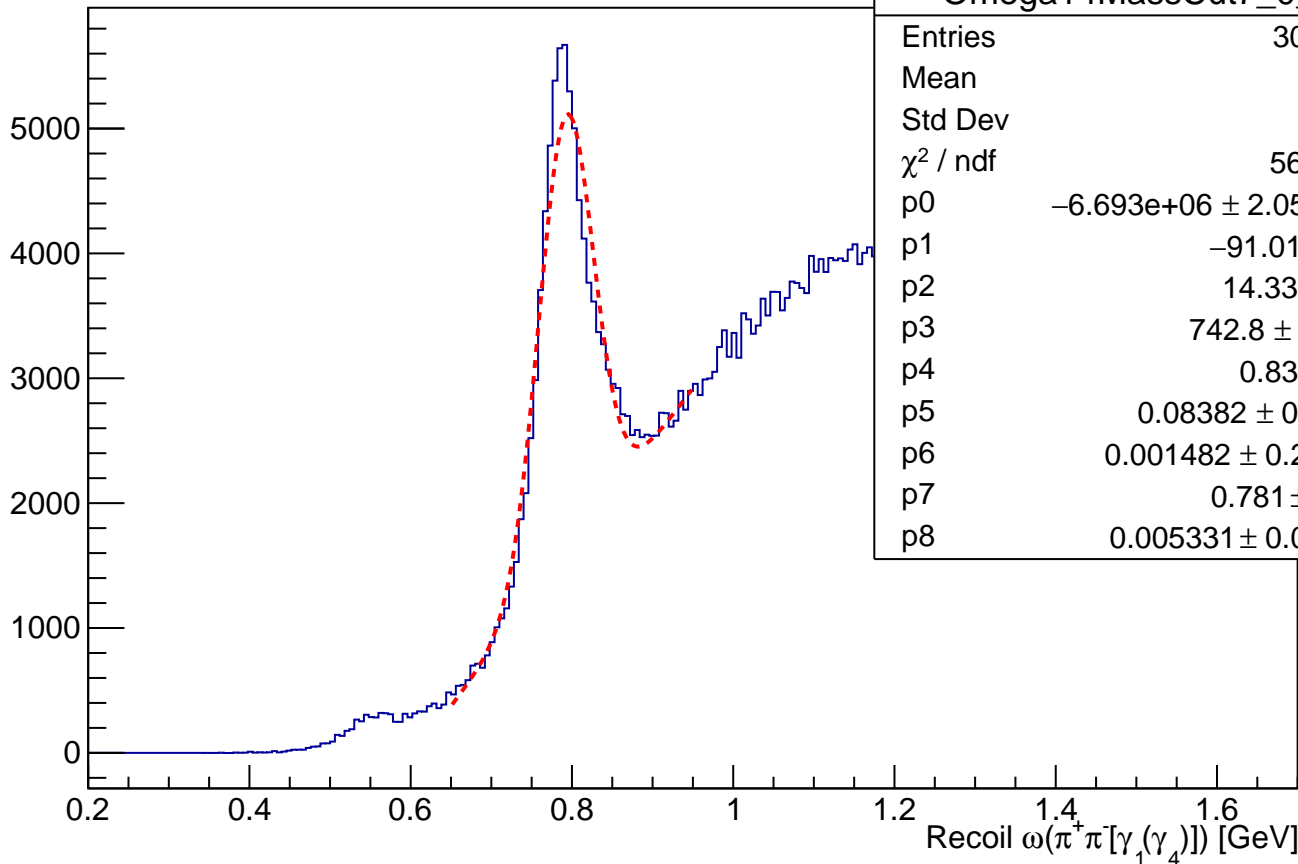


Omega14MassCut7_0_10

Entries	1789575
Mean	1.154
Std Dev	0.2807
χ^2 / ndf	4005 / 41
p0	$-3.027\text{e}+06 \pm 1.415\text{e}+00$
p1	-83.78 ± 1.03
p2	-4.285 ± 1.000
p3	218.8 ± 2032.1
p4	0.8251 ± 0.2180
p5	0.08061 ± 0.05813
p6	0.0114 ± 0.2734
p7	0.78 ± 0.21
p8	0.003151 ± 0.011879

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $22.00 < \theta < 25.00$

Counts / 1.5MeV

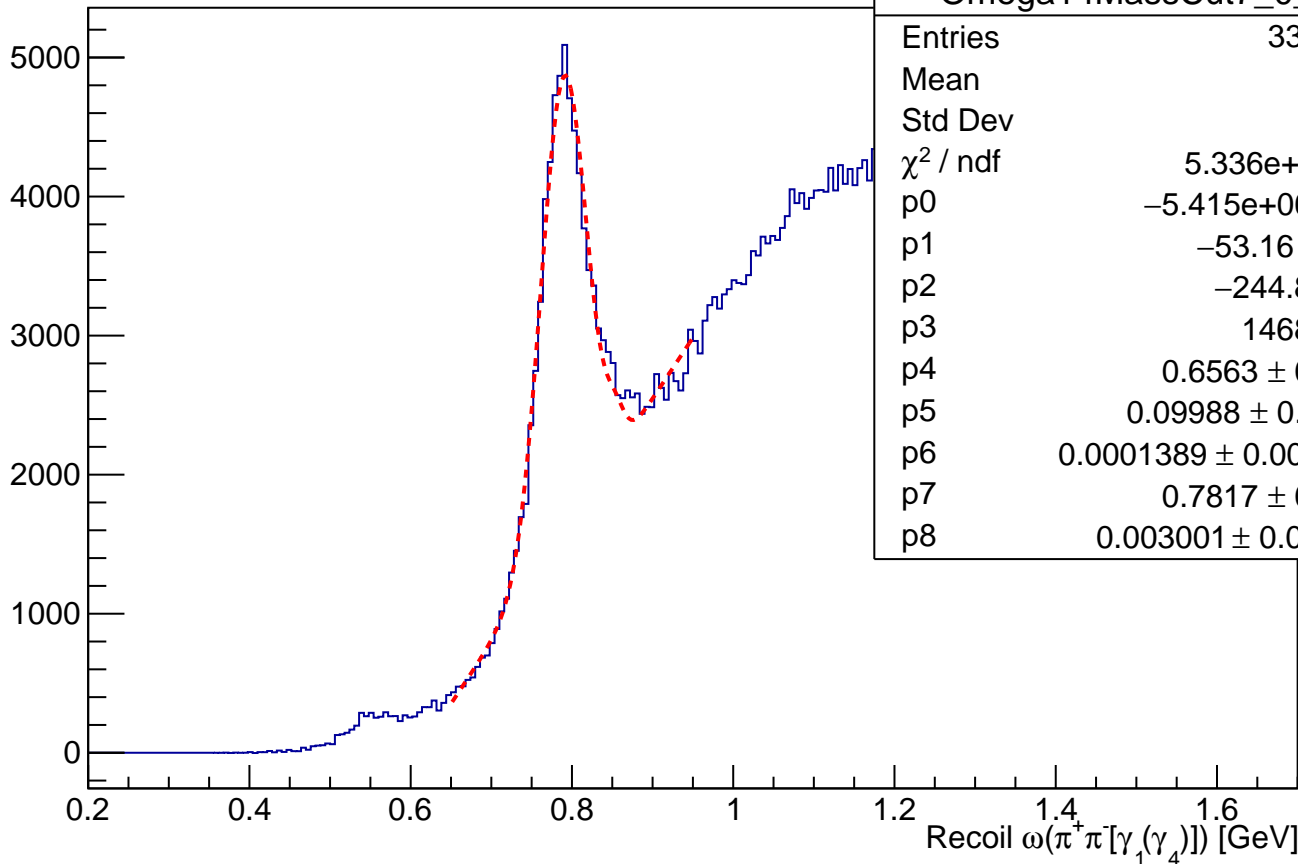


Omega14MassCut7_0_11

Entries	3053846
Mean	1.17
Std Dev	0.2775
χ^2 / ndf	5678 / 41
p0	$-6.693\text{e}+06 \pm 2.053\text{e}+00$
p1	-91.01 ± 2.08
p2	14.33 ± 1.00
p3	742.8 ± 3158.9
p4	0.83 ± 0.20
p5	0.08382 ± 0.05629
p6	0.001482 ± 0.295687
p7	0.781 ± 0.208
p8	0.005331 ± 0.010659

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $25.00 < \theta < 28.00$

Counts / 1.5MeV

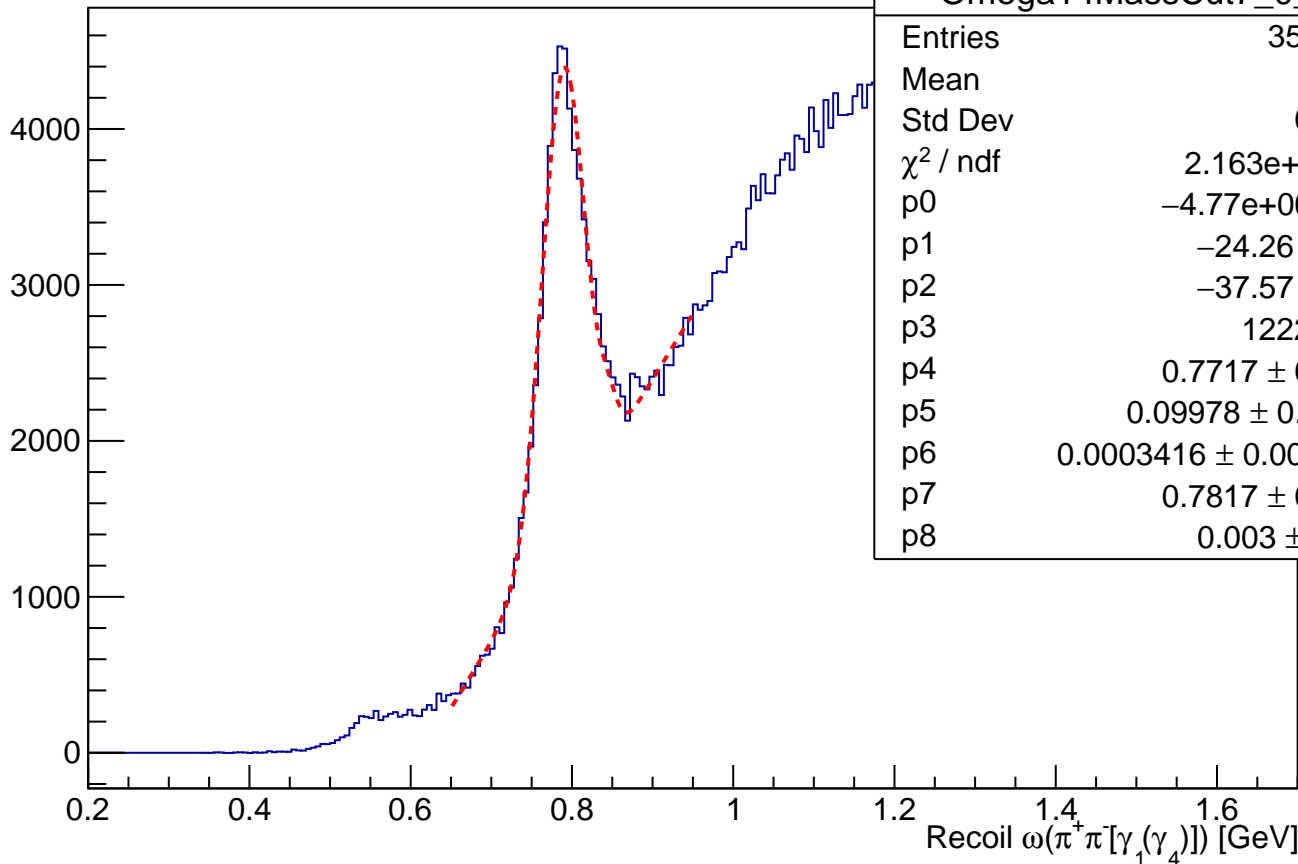


Omega14MassCut7_0_12

Entries	3385394
Mean	1.188
Std Dev	0.274
χ^2 / ndf	5.336e+04 / 41
p0	$-5.415\text{e}+06 \pm 0.0$
p1	-53.16 ± 0.00
p2	-244.8 ± 0.0
p3	1468 ± 0.0
p4	0.6563 ± 0.0000
p5	0.09988 ± 0.00000
p6	0.0001389 ± 0.0000000
p7	0.7817 ± 0.0000
p8	0.003001 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $28.00 < \theta < 31.00$

Counts / 1.5MeV

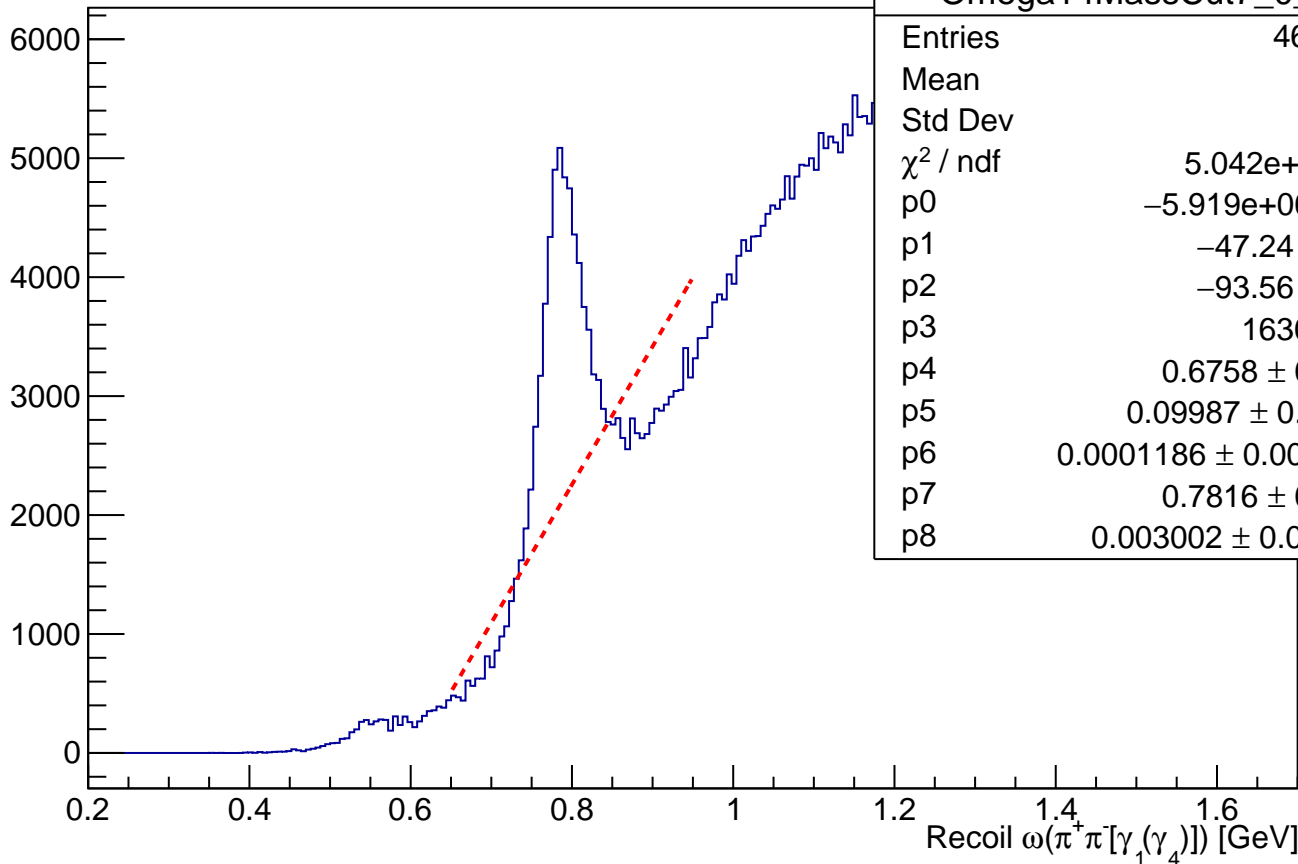


Omega14MassCut7_0_13

Entries	3528188
Mean	1.204
Std Dev	0.2717
χ^2 / ndf	2.163e+04 / 41
p0	$-4.77\text{e}+06 \pm 0.0$
p1	-24.26 ± 0.00
p2	-37.57 ± 0.00
p3	1222 ± 0.0
p4	0.7717 ± 0.0000
p5	0.09978 ± 0.00000
p6	0.0003416 ± 0.0000000
p7	0.7817 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $31.00 < \theta < 35.00$

Counts / 1.5MeV

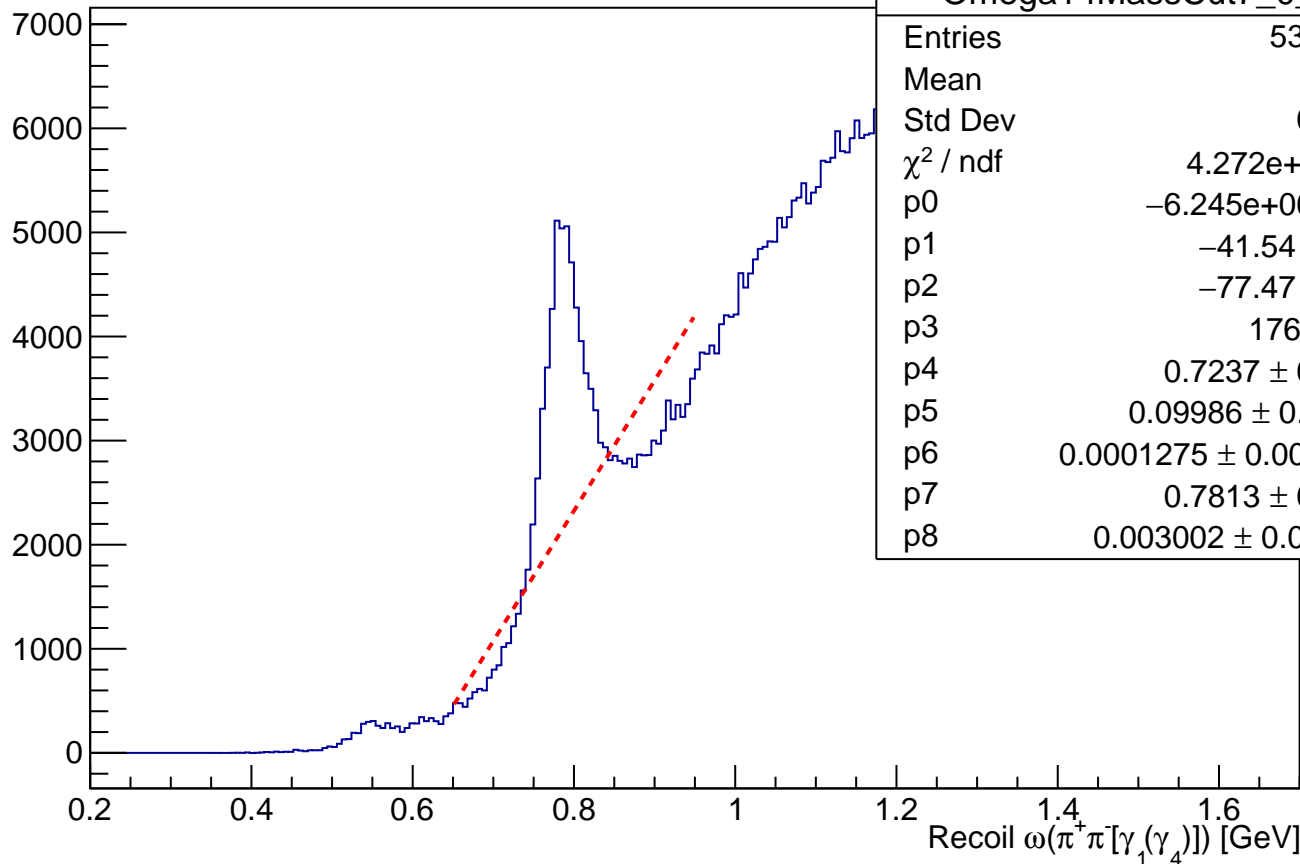


Omega14MassCut7_0_14

Entries	4636301
Mean	1.223
Std Dev	0.269
χ^2 / ndf	5.042e+04 / 41
p0	$-5.919\text{e}+06 \pm 0.0$
p1	-47.24 ± 0.00
p2	-93.56 ± 0.00
p3	1630 ± 0.0
p4	0.6758 ± 0.0000
p5	0.09987 ± 0.00000
p6	0.0001186 ± 0.0000000
p7	0.7816 ± 0.0000
p8	0.003002 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $35.00 < \theta < 40.00$

Counts / 1.5MeV

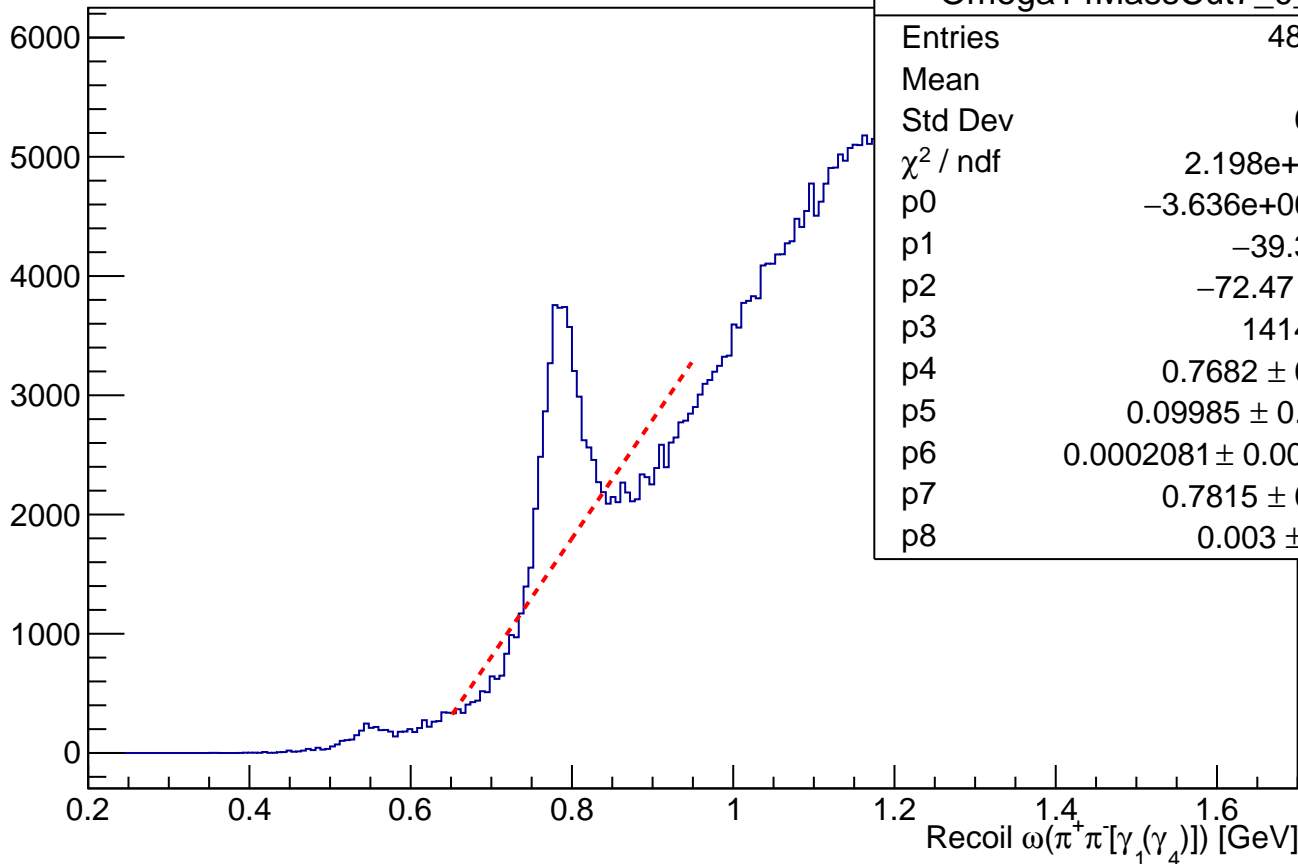


Omega14MassCut7_0_15

Entries	5384092
Mean	1.242
Std Dev	0.2663
χ^2 / ndf	4.272e+04 / 41
p0	$-6.245\text{e}+06 \pm 0.0$
p1	-41.54 ± 0.00
p2	-77.47 ± 0.00
p3	1761 ± 0.0
p4	0.7237 ± 0.0000
p5	0.09986 ± 0.00000
p6	0.0001275 ± 0.0000000
p7	0.7813 ± 0.0000
p8	0.003002 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $40.00 < \theta < 45.00$

Counts / 1.5MeV

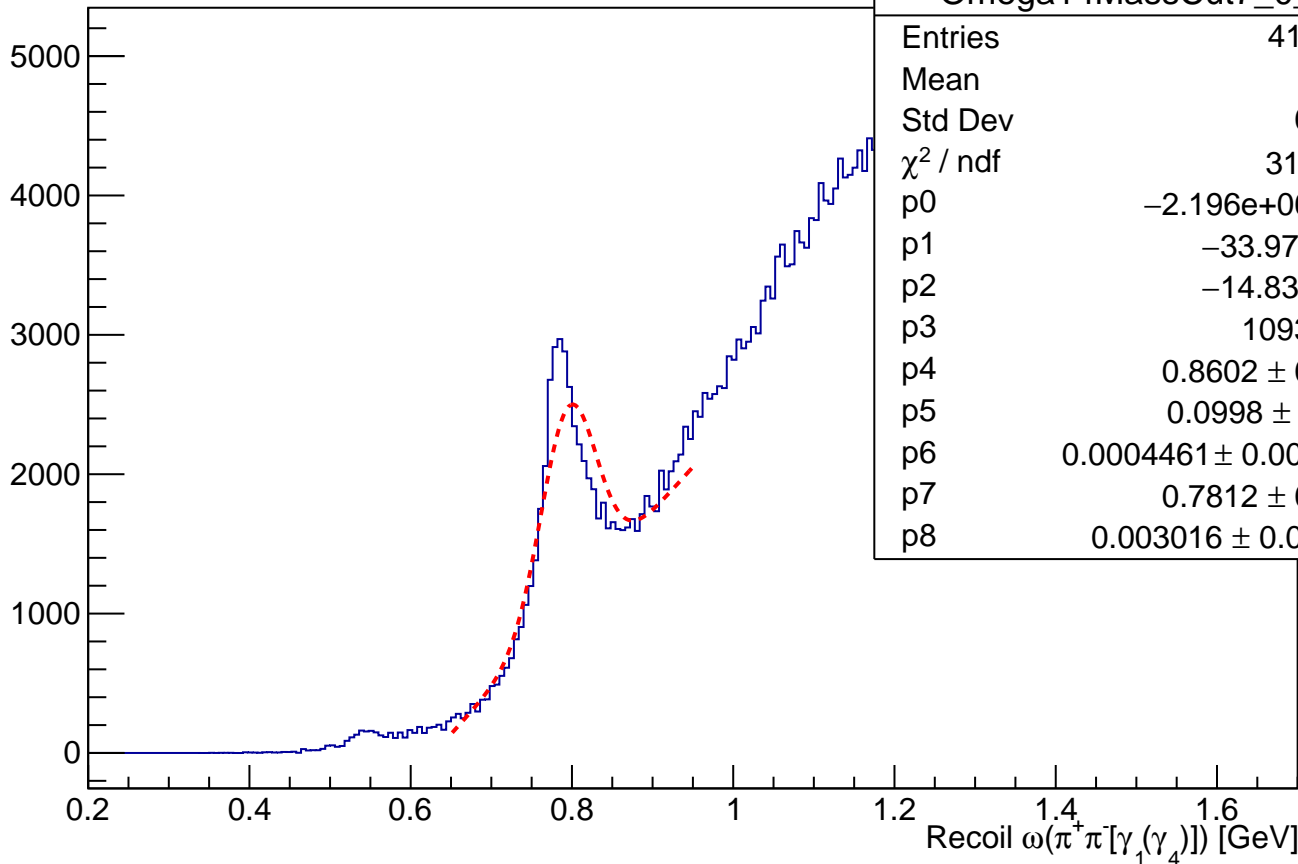


Omega14MassCut7_0_16

Entries	4806664
Mean	1.262
Std Dev	0.2634
χ^2 / ndf	2.198e+04 / 41
p0	$-3.636\text{e}+06 \pm 0.0$
p1	-39.3 ± 0.0
p2	-72.47 ± 0.00
p3	1414 ± 0.0
p4	0.7682 ± 0.0000
p5	0.09985 ± 0.00000
p6	0.0002081 ± 0.0000000
p7	0.7815 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $45.00 < \theta < 50.00$

Counts / 1.5MeV

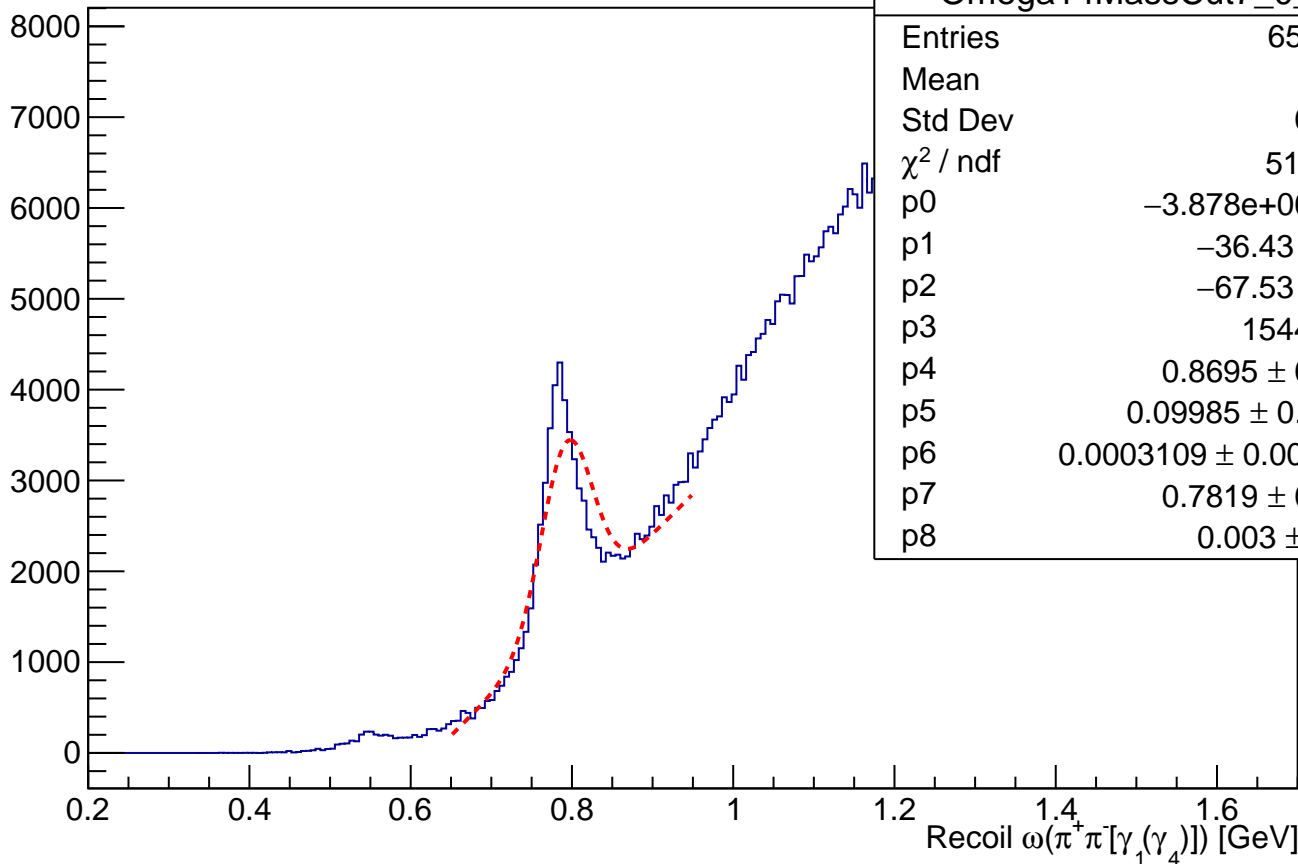


Omega14MassCut7_0_17

Entries	4178697
Mean	1.277
Std Dev	0.2612
χ^2 / ndf	3165 / 41
p0	$-2.196\text{e}+06 \pm 0.0$
p1	-33.97 ± 0.01
p2	-14.83 ± 0.01
p3	1093 ± 2.2
p4	0.8602 ± 0.0029
p5	0.0998 ± 0.0001
p6	0.0004461 ± 0.0000036
p7	0.7812 ± 0.2180
p8	0.003016 ± 0.000170

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $50.00 < \theta < 60.00$

Counts / 1.5MeV

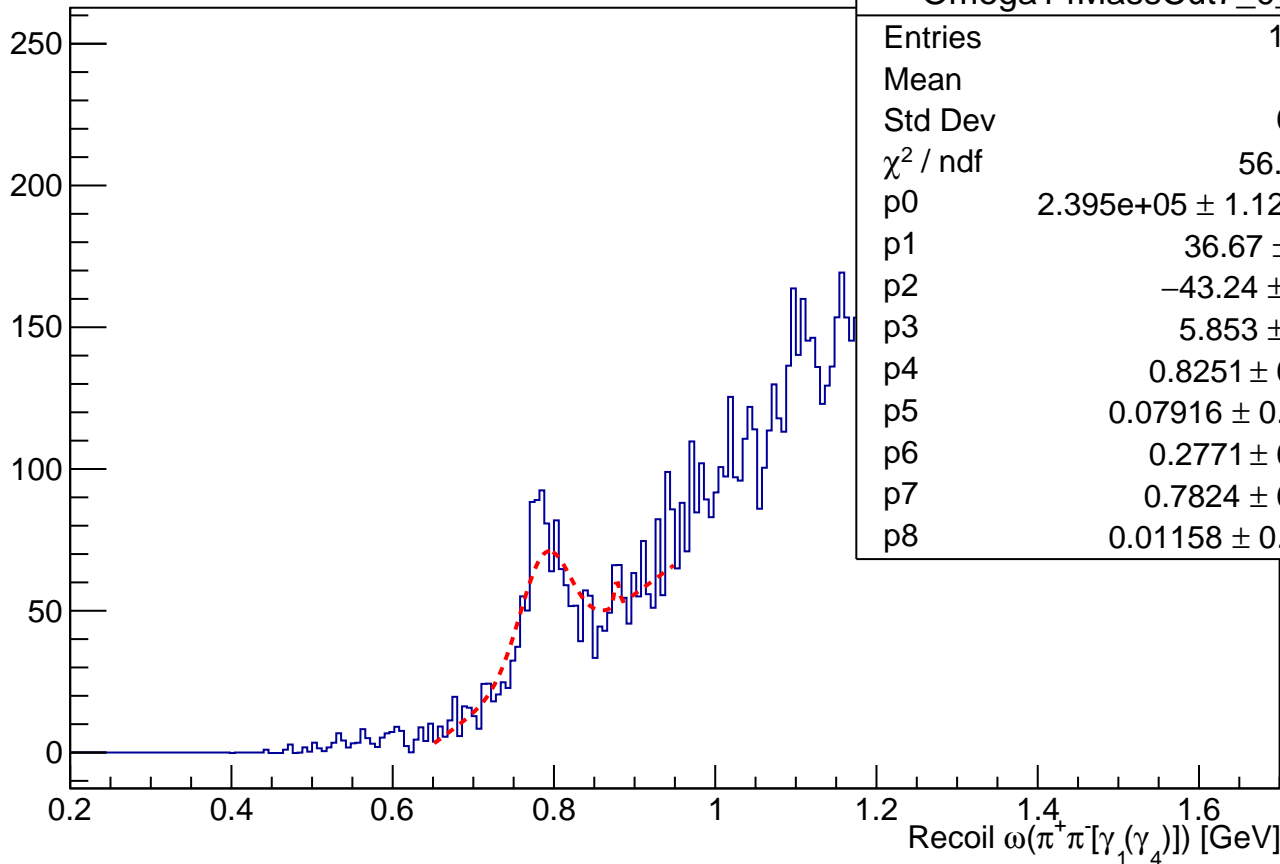


Omega14MassCut7_0_18

Entries	6537616
Mean	1.294
Std Dev	0.2589
χ^2 / ndf	5183 / 41
p0	$-3.878\text{e}+06 \pm 0.0$
p1	-36.43 ± 0.00
p2	-67.53 ± 0.00
p3	1544 ± 0.0
p4	0.8695 ± 0.0000
p5	0.09985 ± 0.00000
p6	0.0003109 ± 0.0000000
p7	0.7819 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.10 < E < 0.50$ [GeV]: $60.00 < \theta < 80.00$

Counts / 1.5MeV

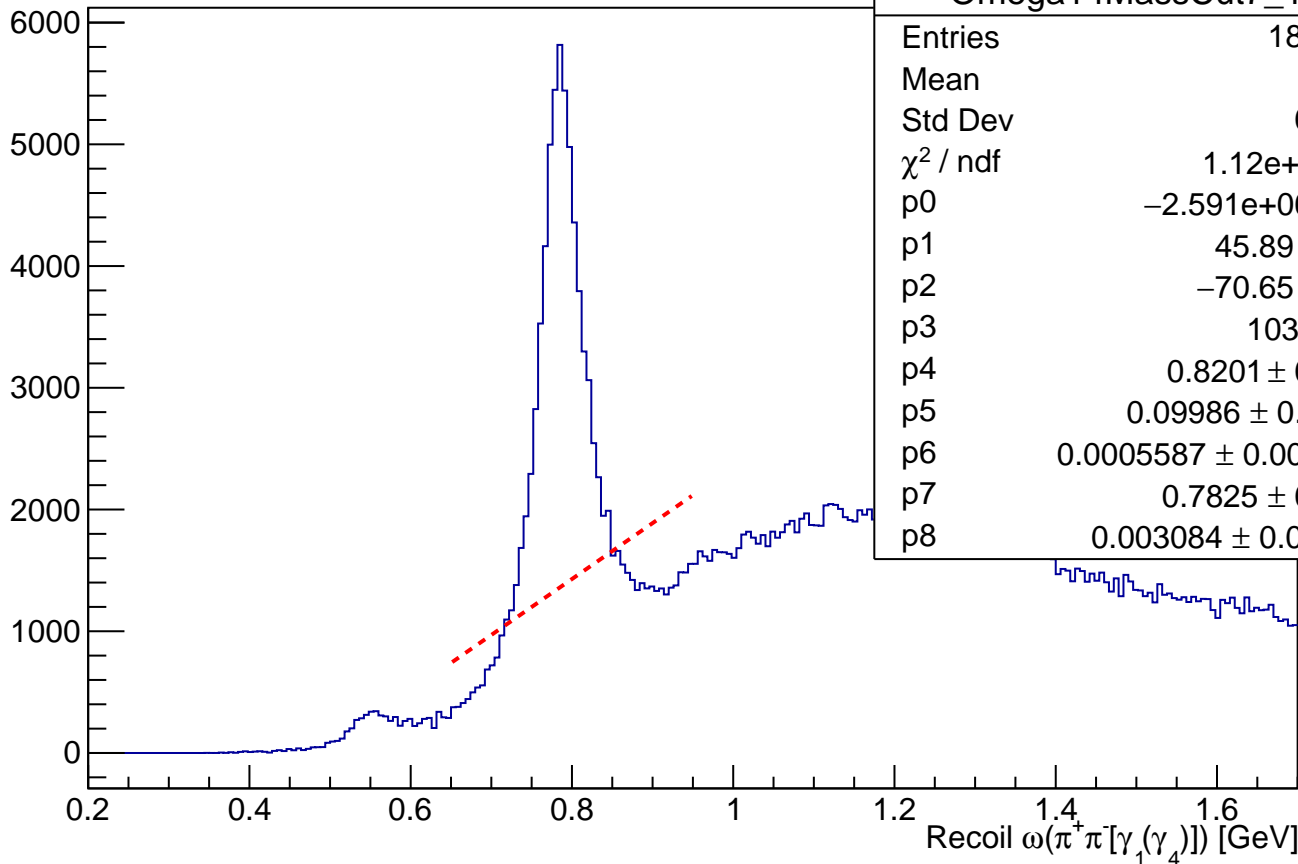


Omega14MassCut7_0_19

Entries	180490
Mean	1.319
Std Dev	0.2558
χ^2 / ndf	56.44 / 41
p0	$2.395\text{e}+05 \pm 1.126\text{e}+05$
p1	36.67 ± 10.81
p2	-43.24 ± 10.98
p3	5.853 ± 2.059
p4	0.8251 ± 0.0225
p5	0.07916 ± 0.01735
p6	0.2771 ± 0.1140
p7	0.7824 ± 0.0024
p8	0.01158 ± 0.00237

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $10.00 < \theta < 11.00$

Counts / 1.5MeV

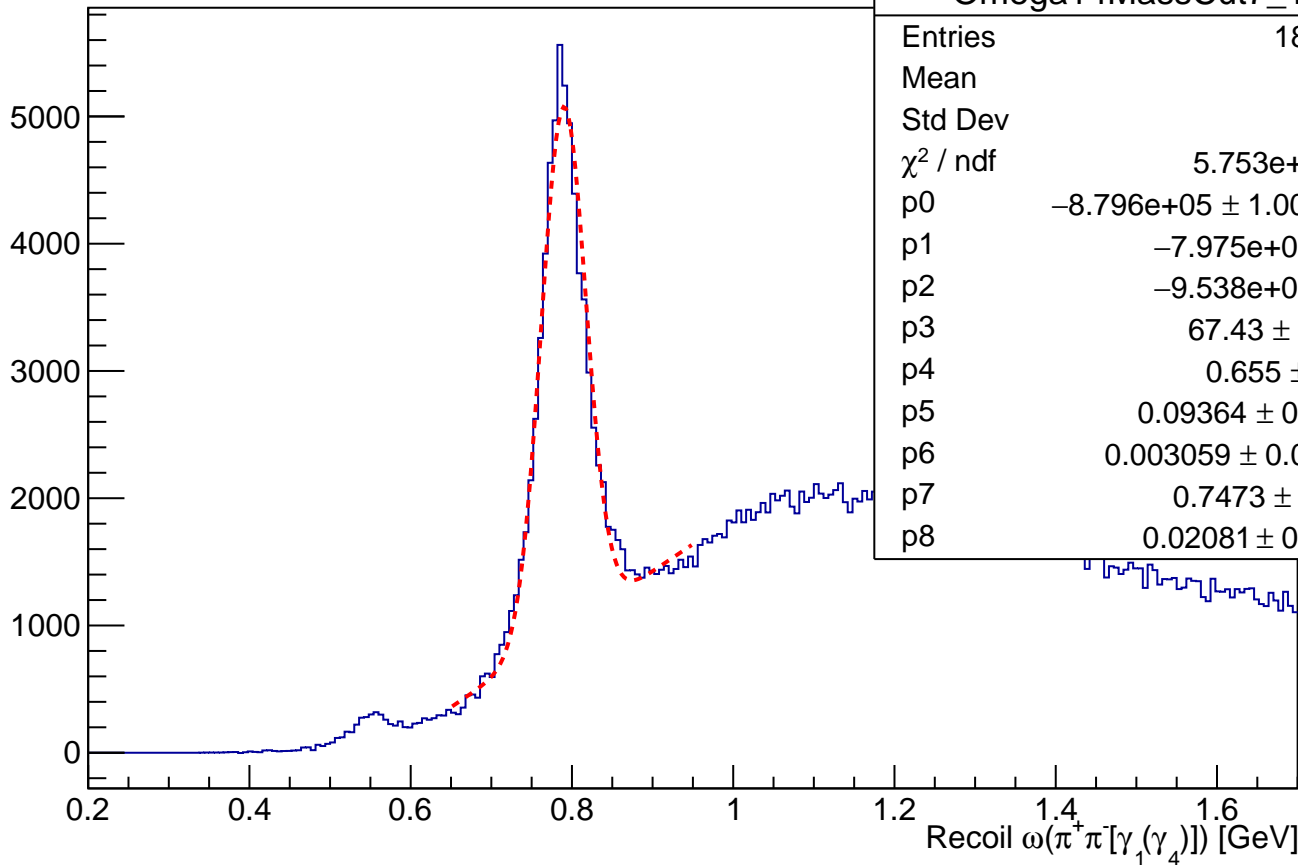


Omega14MassCut7_1_0

Entries	1835120
Mean	1.12
Std Dev	0.2949
χ^2 / ndf	1.12e+04 / 41
p0	$-2.591\text{e}+06 \pm 0.0$
p1	45.89 ± 0.00
p2	-70.65 ± 0.00
p3	1031 ± 0.0
p4	0.8201 ± 0.0000
p5	0.09986 ± 0.00000
p6	0.0005587 ± 0.0000000
p7	0.7825 ± 0.0000
p8	0.003084 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $11.00 < \theta < 12.00$

Counts / 1.5MeV

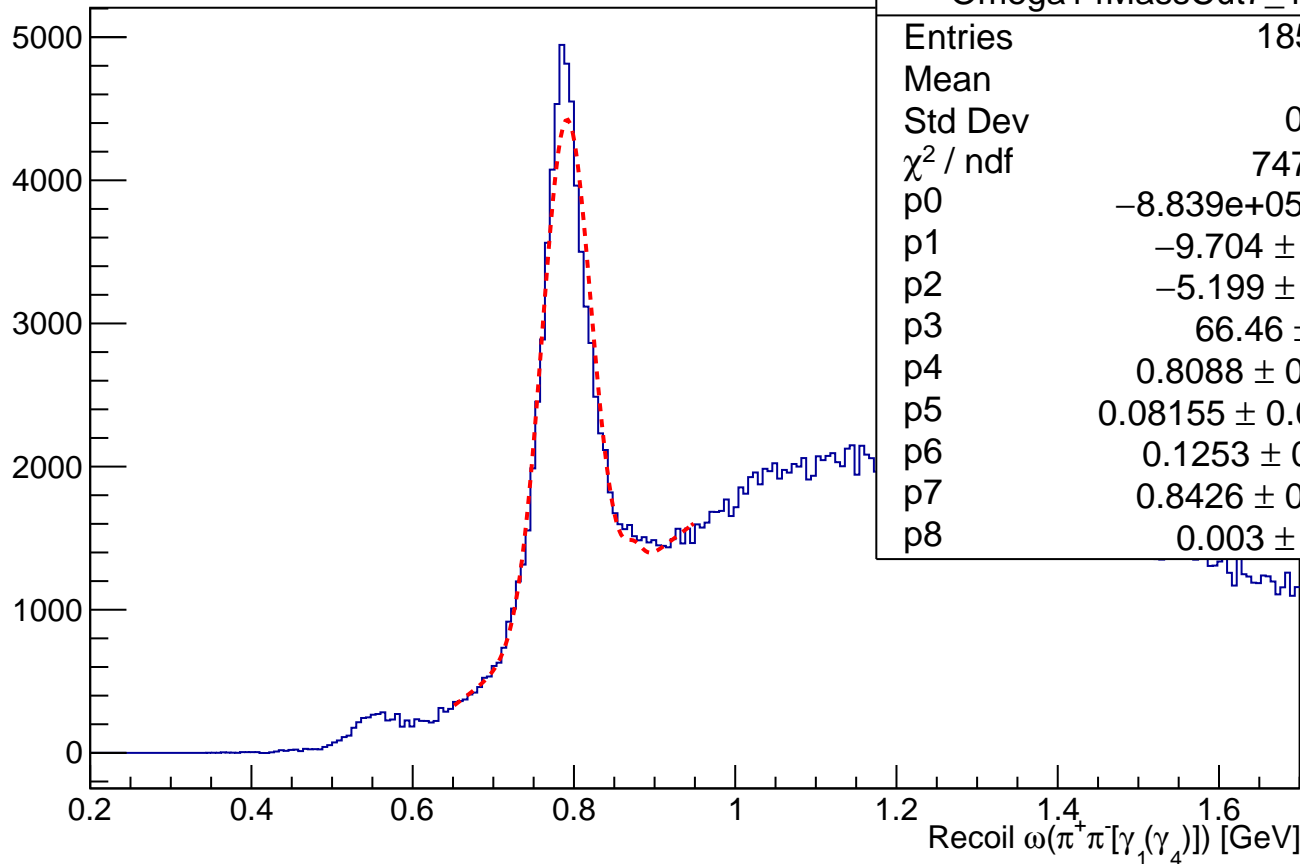


Omega14MassCut7_1_1

Entries	1857079
Mean	1.13
Std Dev	0.292
χ^2 / ndf	5.753e+04 / 41
p0	$-8.796\text{e}+05 \pm 1.002\text{e}+00$
p1	$-7.975\text{e}+08 \pm 0.9$
p2	$-9.538\text{e}+08 \pm 0.9$
p3	67.43 ± 669.04
p4	0.655 ± 0.066
p5	0.09364 ± 0.06833
p6	0.003059 ± 0.098886
p7	0.7473 ± 0.1970
p8	0.02081 ± 0.01502

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $12.00 < \theta < 13.00$

Counts / 1.5MeV

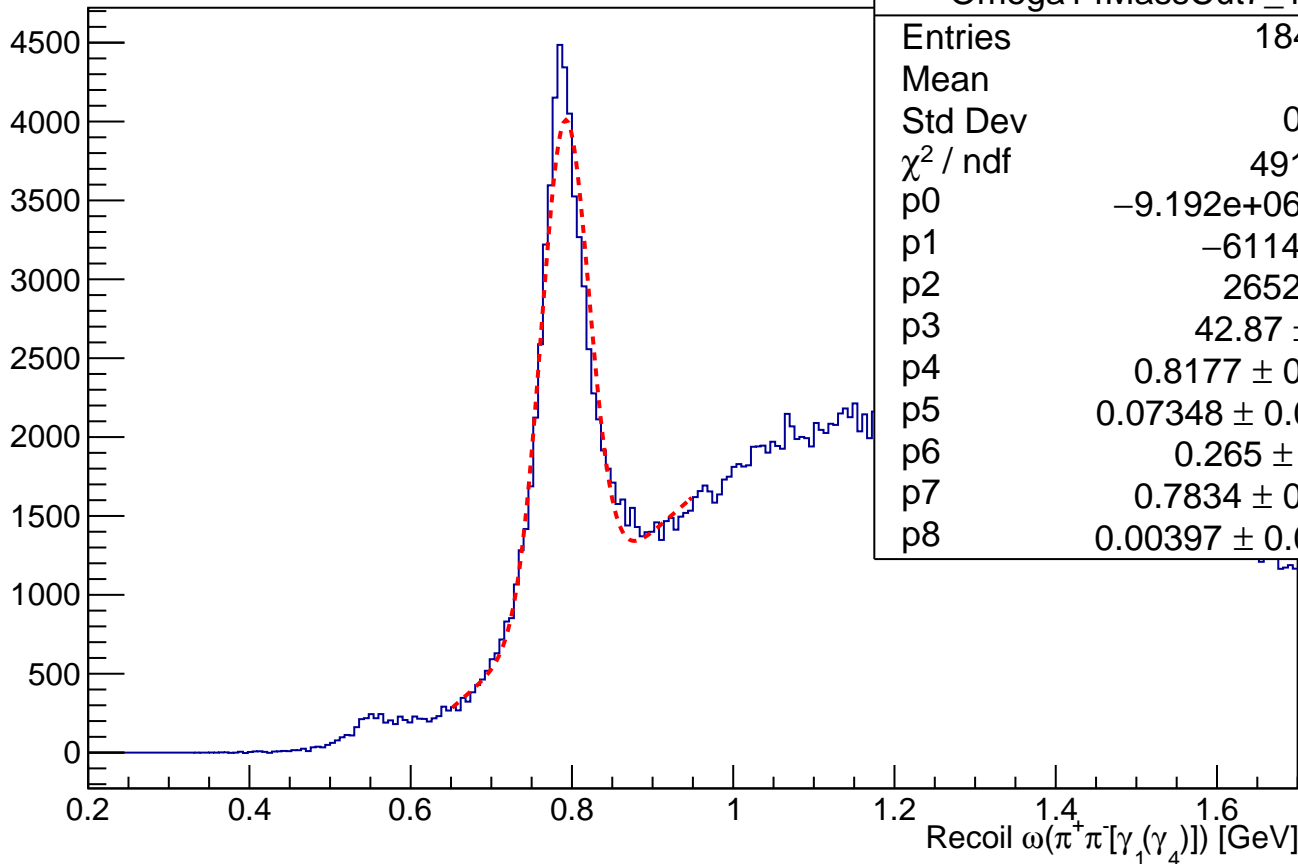


Omega14MassCut7_1_2

Entries	1856614
Mean	1.14
Std Dev	0.2897
χ^2 / ndf	7476 / 41
p0	$-8.839\text{e}+05 \pm 0.0$
p1	-9.704 ± 0.035
p2	-5.199 ± 0.019
p3	66.46 ± 0.17
p4	0.8088 ± 0.0005
p5	0.08155 ± 0.00066
p6	0.1253 ± 0.0001
p7	0.8426 ± 0.0002
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $13.00 < \theta < 14.00$

Counts / 1.5MeV

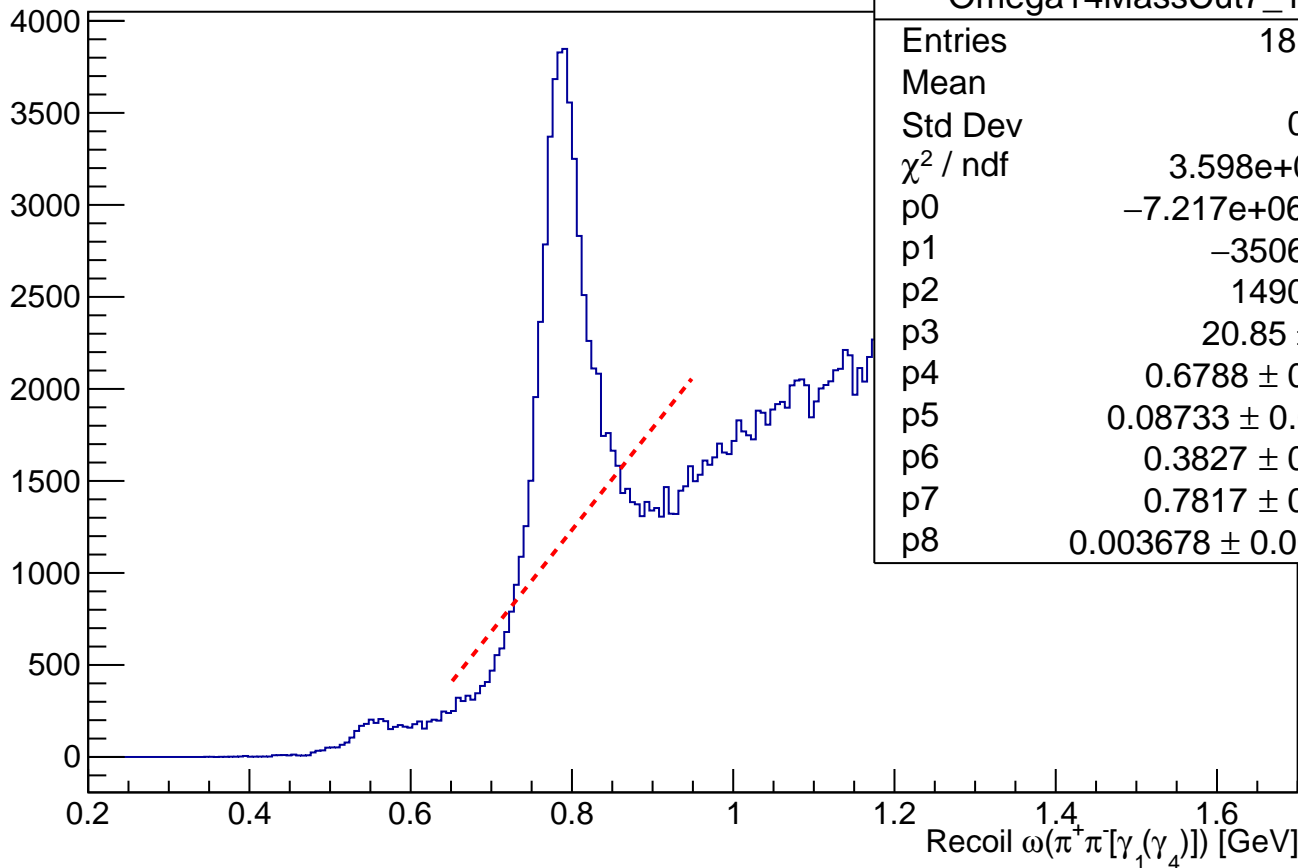


Omega14MassCut7_1_3

Entries	1842187
Mean	1.153
Std Dev	0.2868
χ^2 / ndf	4916 / 41
p0	$-9.192\text{e}+06 \pm 0.0$
p1	-6114 ± 0.0
p2	2652 ± 0.0
p3	42.87 ± 0.00
p4	0.8177 ± 0.0000
p5	0.07348 ± 0.00000
p6	0.265 ± 0.000
p7	0.7834 ± 0.0000
p8	0.00397 ± 0.00000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $14.00 < \theta < 15.00$

Counts / 1.5MeV

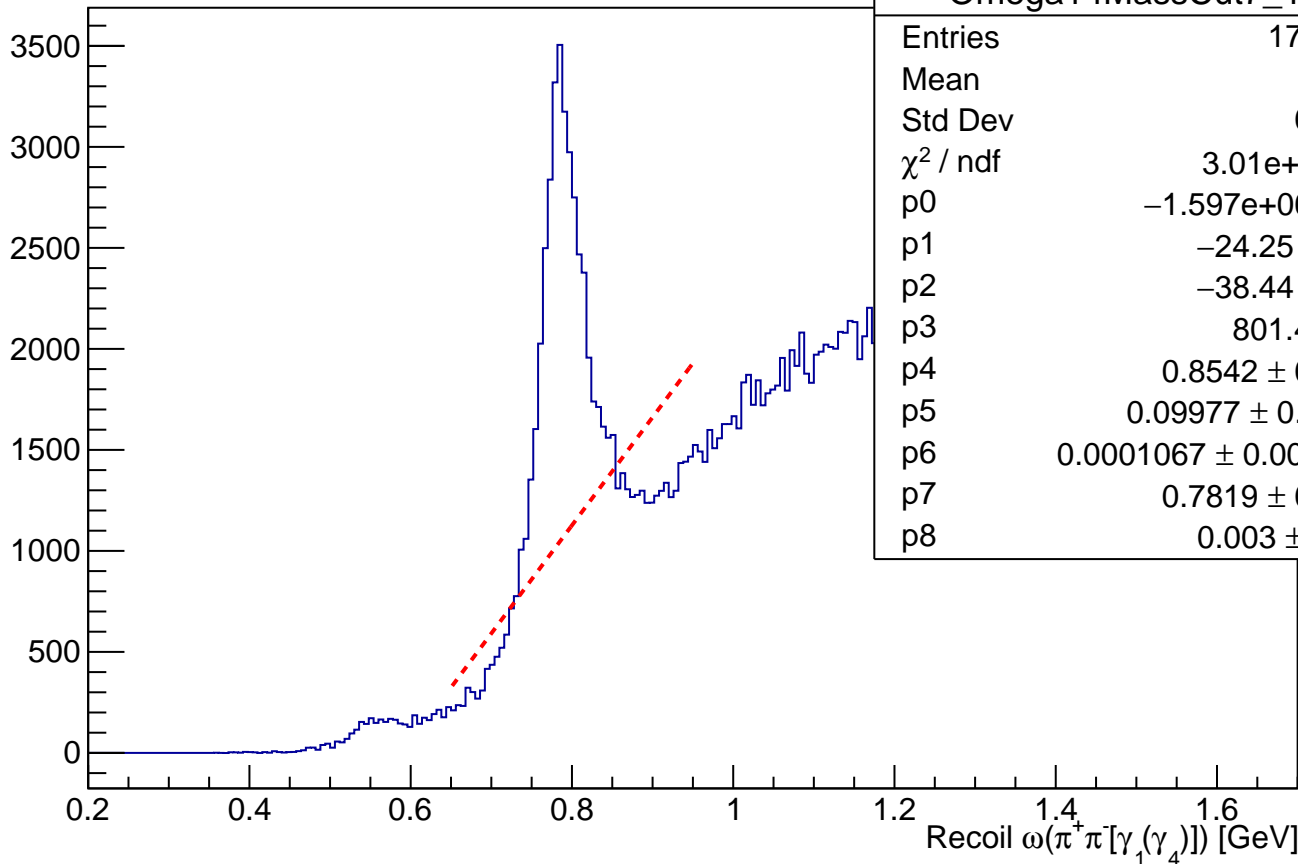


Omega14MassCut7_1_4

Entries	1812999
Mean	1.164
Std Dev	0.2838
χ^2 / ndf	3.598e+04 / 41
p0	$-7.217\text{e}+06 \pm 0.0$
p1	-3506 ± 0.0
p2	1490 ± 0.0
p3	20.85 ± 0.00
p4	0.6788 ± 0.0000
p5	0.08733 ± 0.00000
p6	0.3827 ± 0.0000
p7	0.7817 ± 0.0000
p8	0.003678 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $15.00 < \theta < 16.00$

Counts / 1.5MeV

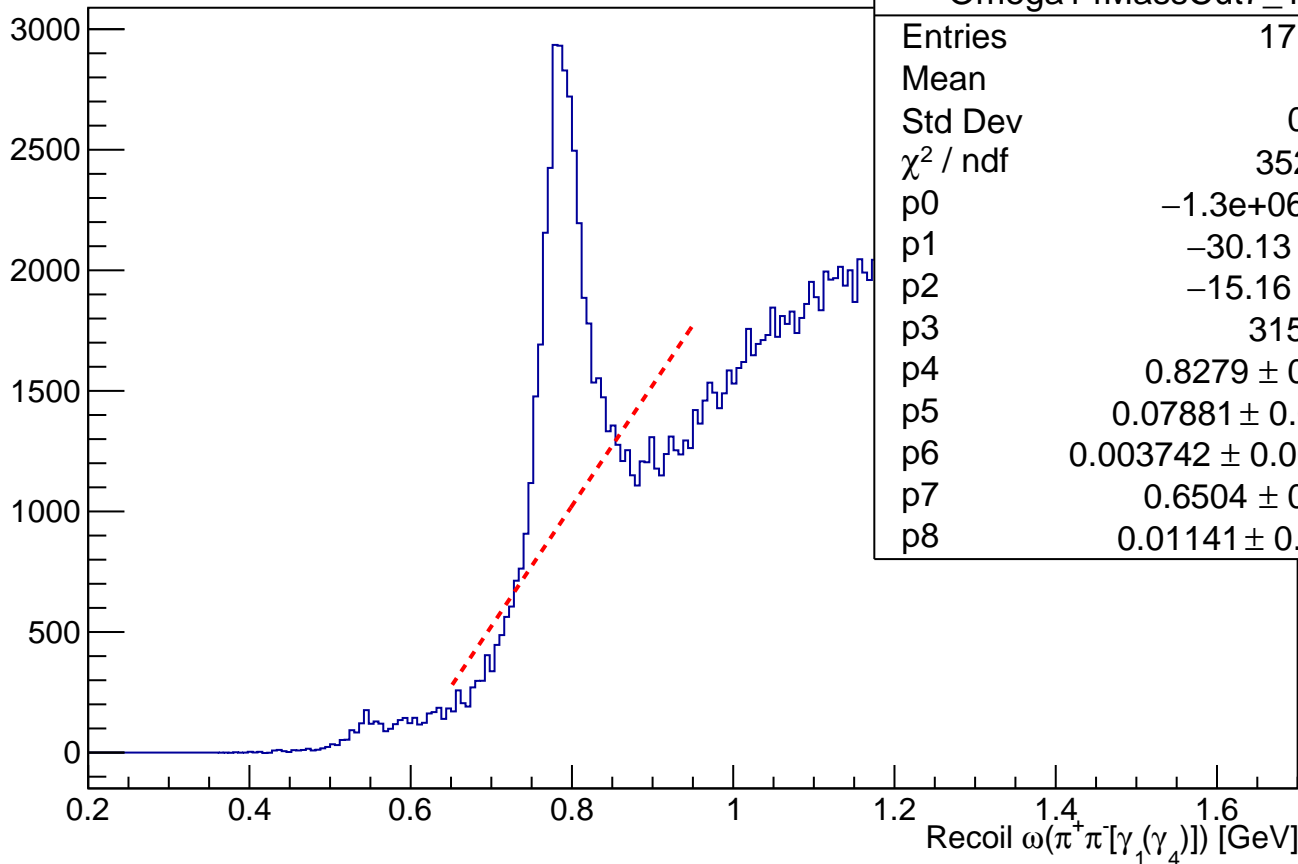


Omega14MassCut7_1_5

Entries	1771704
Mean	1.176
Std Dev	0.2804
χ^2 / ndf	3.01e+04 / 41
p0	$-1.597\text{e}+06 \pm 0.0$
p1	-24.25 ± 0.00
p2	-38.44 ± 0.00
p3	801.4 ± 0.0
p4	0.8542 ± 0.0000
p5	0.09977 ± 0.00000
p6	0.0001067 ± 0.0000000
p7	0.7819 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $16.00 < \theta < 17.00$

Counts / 1.5MeV

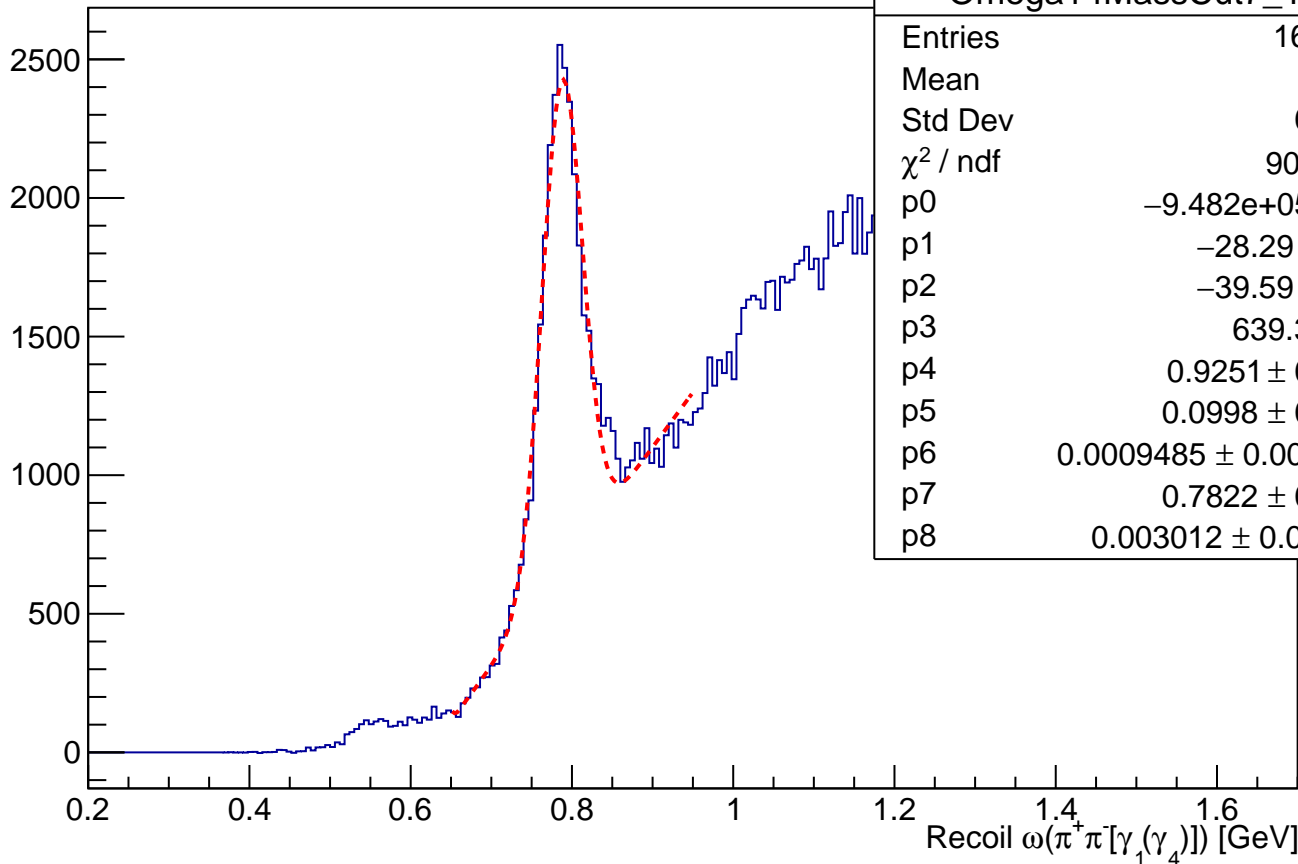


Omega14MassCut7_1_6

Entries	1717276
Mean	1.186
Std Dev	0.2768
χ^2 / ndf	3522 / 41
p0	$-1.3\text{e}+06 \pm 0.0$
p1	-30.13 ± 0.01
p2	-15.16 ± 0.01
p3	315 ± 1.5
p4	0.8279 ± 0.0005
p5	0.07881 ± 0.00055
p6	0.003742 ± 0.000019
p7	0.6504 ± 0.0002
p8	0.01141 ± 0.00011

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $17.00 < \theta < 18.00$

Counts / 1.5MeV

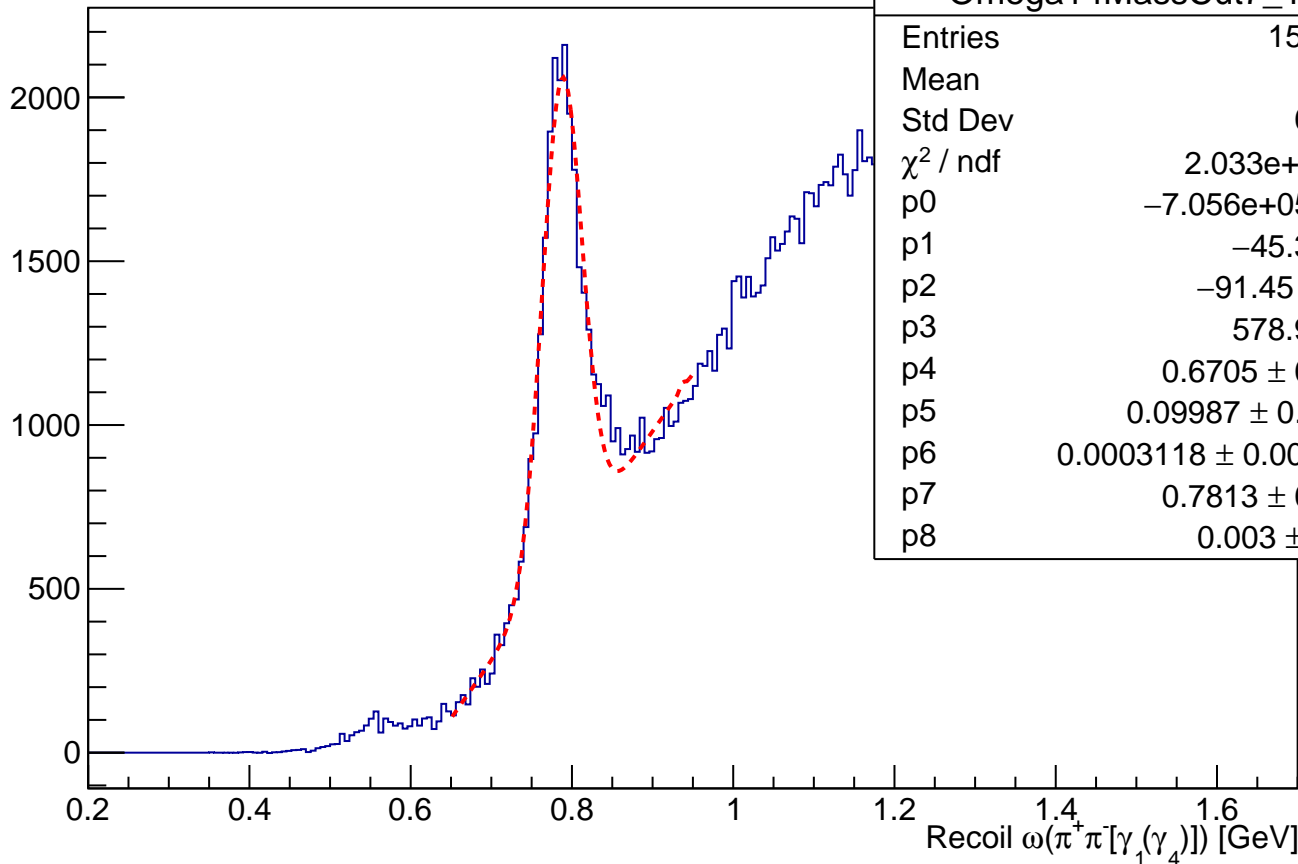


Omega14MassCut7_1_7

Entries	1646081
Mean	1.199
Std Dev	0.2737
χ^2 / ndf	9005 / 41
p0	$-9.482\text{e}+05 \pm 0.0$
p1	-28.29 ± 0.00
p2	-39.59 ± 0.00
p3	639.3 ± 0.0
p4	0.9251 ± 0.0000
p5	0.0998 ± 0.0000
p6	0.0009485 ± 0.0000000
p7	0.7822 ± 0.0000
p8	0.003012 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $18.00 < \theta < 19.00$

Counts / 1.5MeV

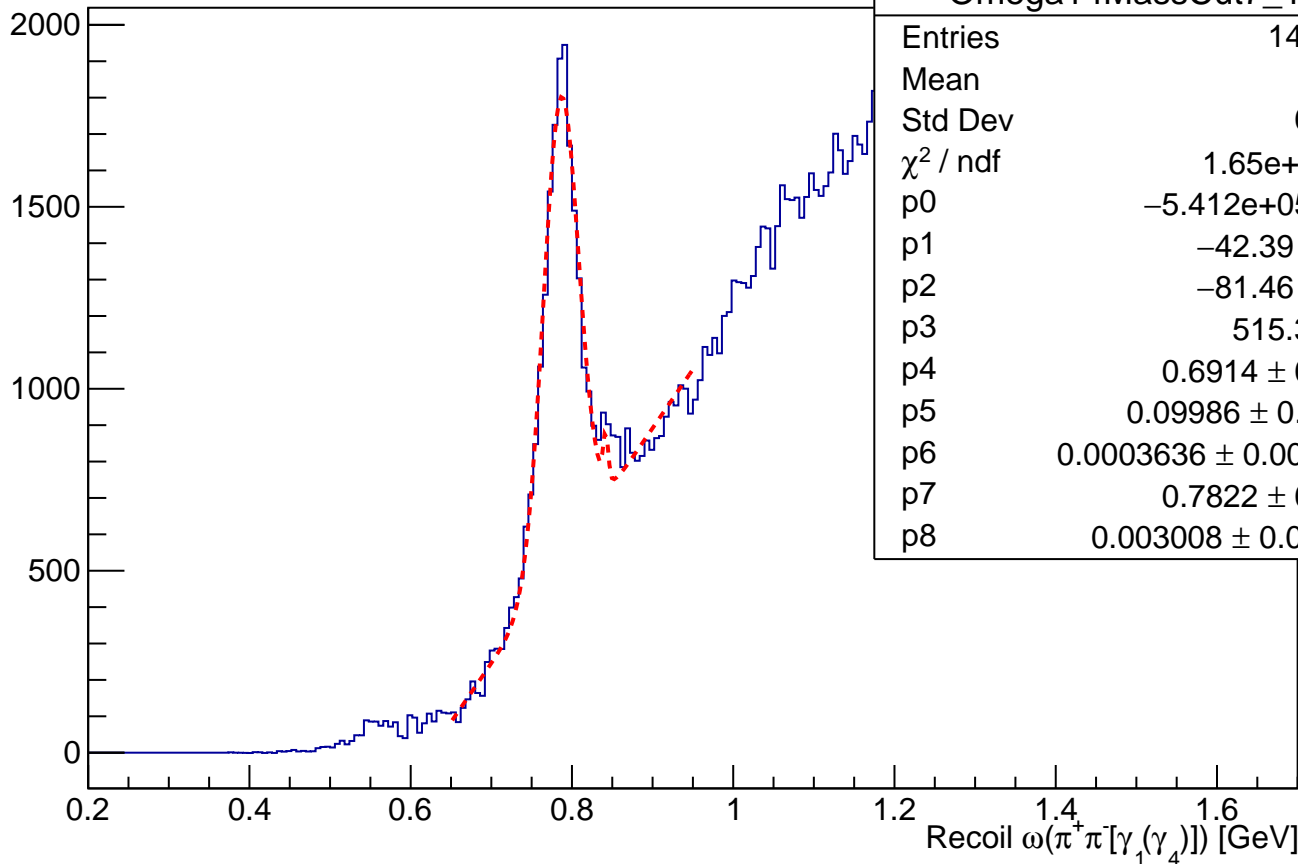


Omega14MassCut7_1_8

Entries	1562742
Mean	1.211
Std Dev	0.2712
χ^2 / ndf	2.033e+04 / 41
p0	$-7.056\text{e}+05 \pm 0.0$
p1	-45.3 ± 0.0
p2	-91.45 ± 0.00
p3	578.9 ± 0.0
p4	0.6705 ± 0.0000
p5	0.09987 ± 0.00000
p6	0.0003118 ± 0.0000000
p7	0.7813 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $19.00 < \theta < 20.00$

Counts / 1.5MeV

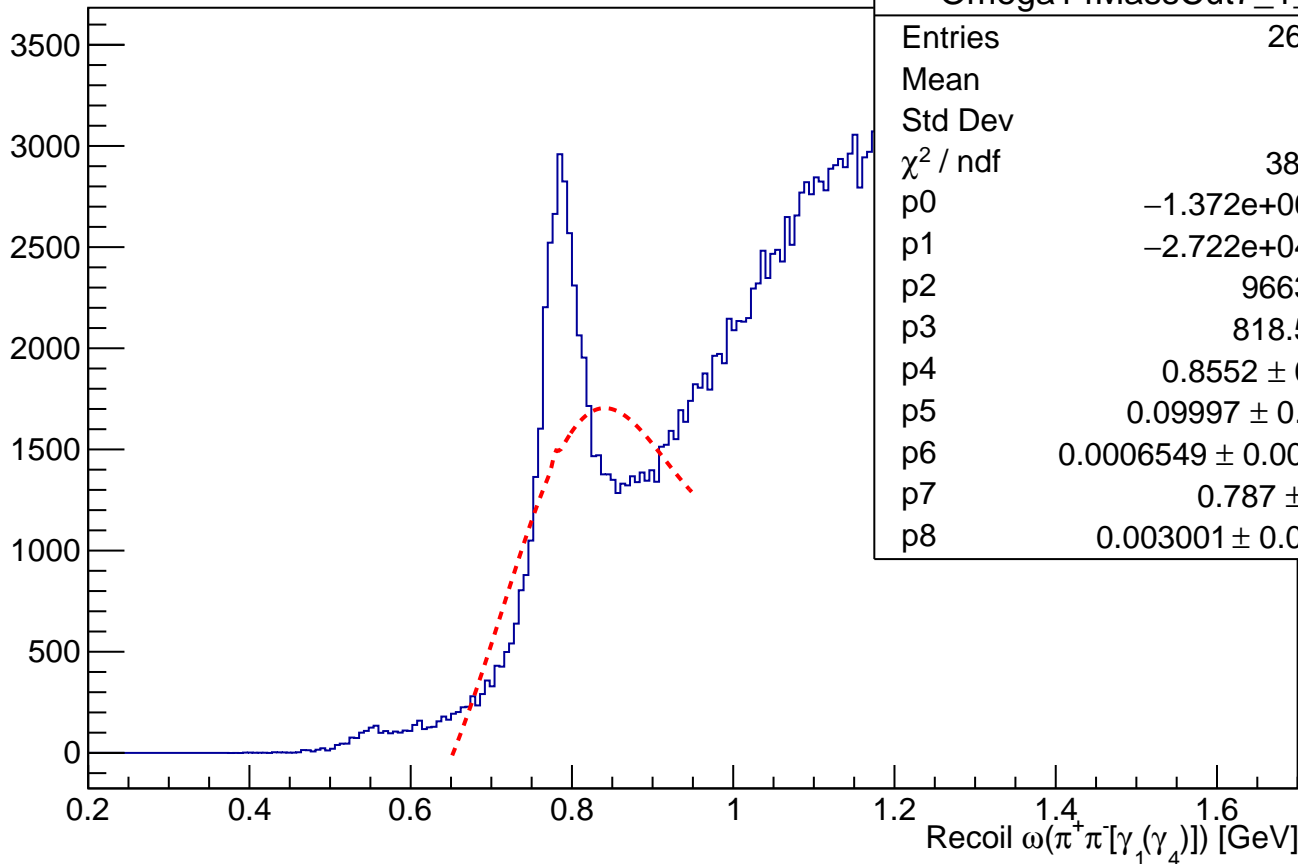


Omega14MassCut7_1_9

Entries	1468874
Mean	1.222
Std Dev	0.2682
χ^2 / ndf	1.65e+04 / 41
p0	$-5.412\text{e}+05 \pm 0.0$
p1	-42.39 ± 0.00
p2	-81.46 ± 0.00
p3	515.3 ± 0.0
p4	0.6914 ± 0.0000
p5	0.09986 ± 0.00000
p6	0.0003636 ± 0.0000000
p7	0.7822 ± 0.0000
p8	0.003008 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $20.00 < \theta < 22.00$

Counts / 1.5MeV

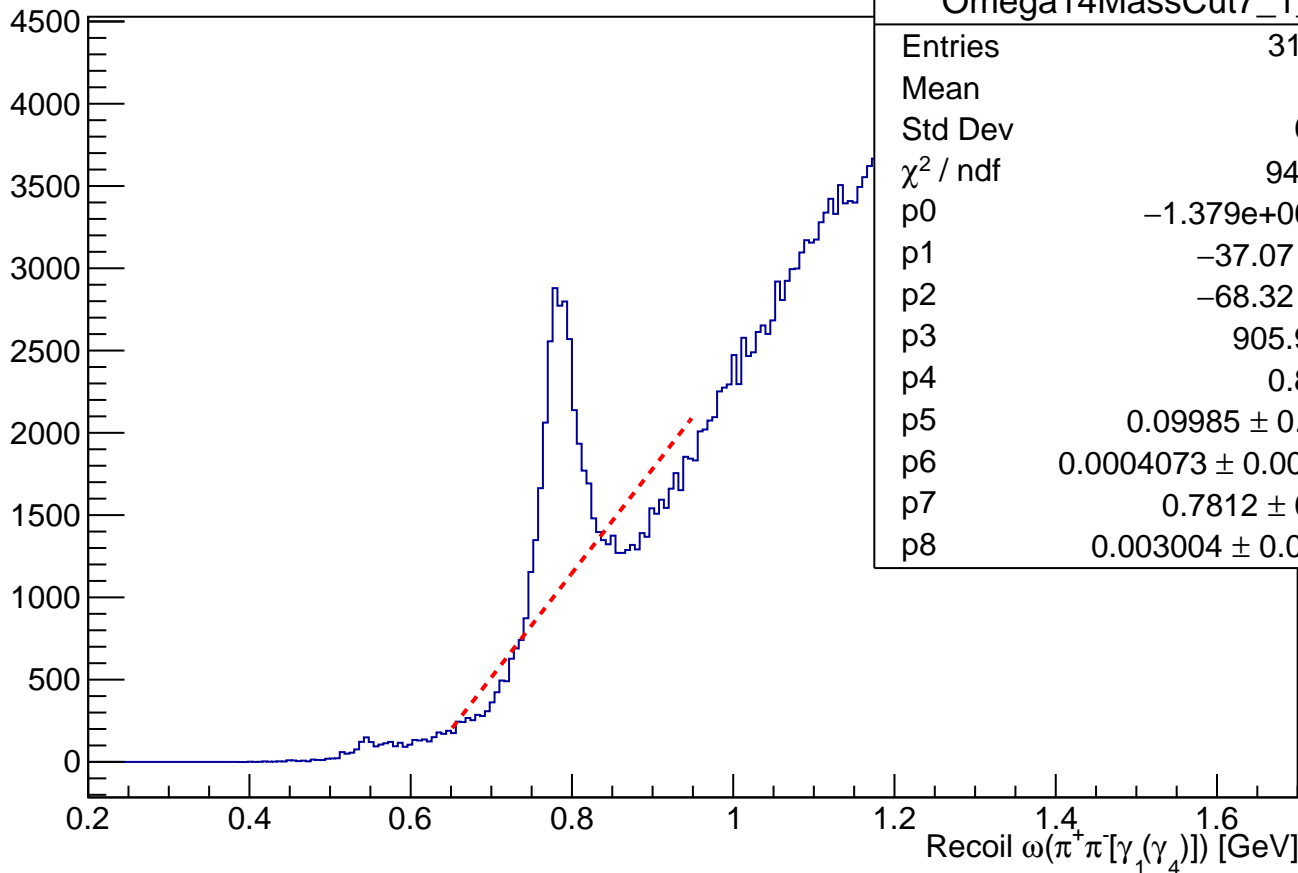


Omega14MassCut7_1_10

Entries	2637477
Mean	1.238
Std Dev	0.264
χ^2 / ndf	3800 / 41
p0	$-1.372\text{e}+06 \pm 0.0$
p1	$-2.722\text{e}+04 \pm 0.0$
p2	9663 ± 0.0
p3	818.5 ± 0.0
p4	0.8552 ± 0.0000
p5	0.09997 ± 0.00000
p6	0.0006549 ± 0.0000000
p7	0.787 ± 0.000
p8	0.003001 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $22.00 < \theta < 25.00$

Counts / 1.5MeV

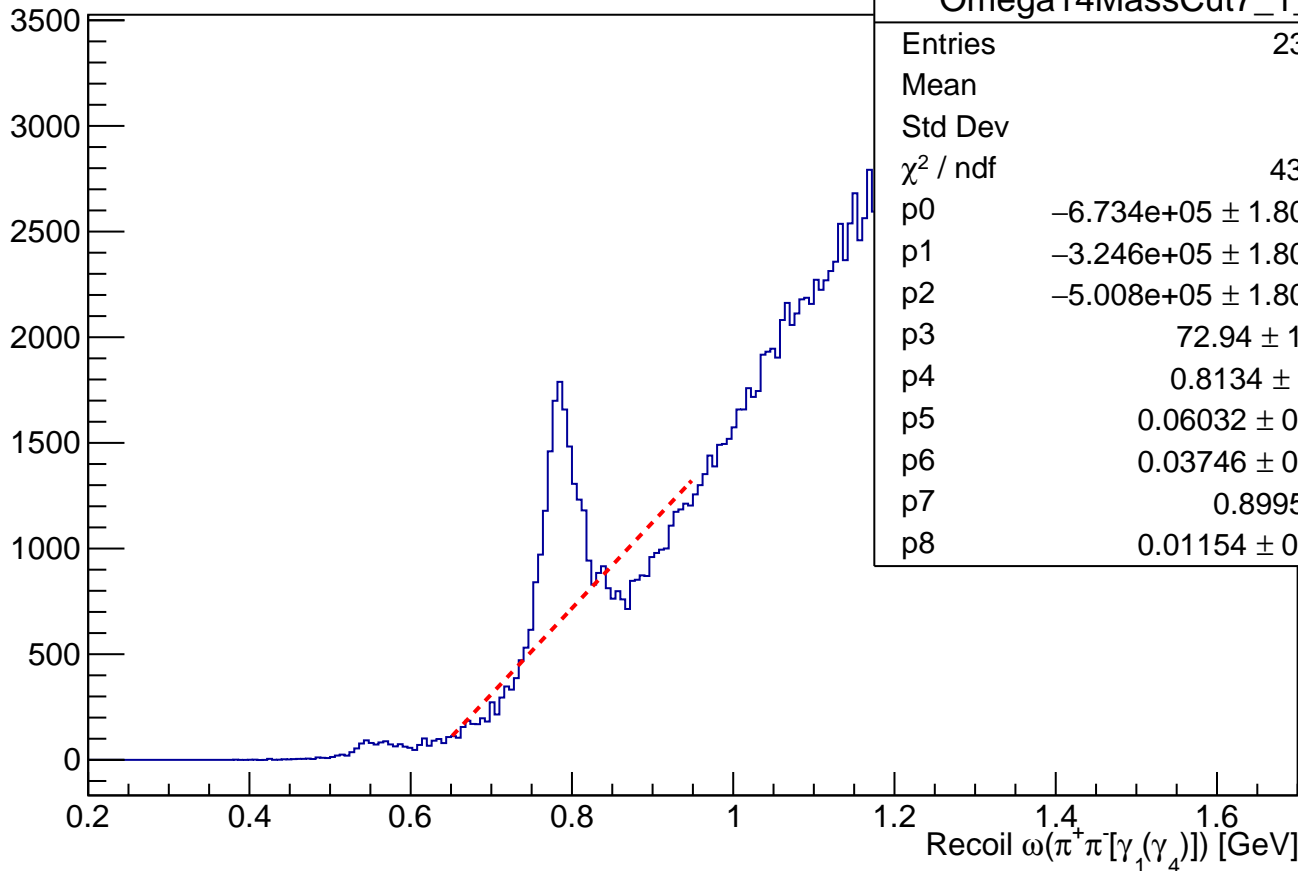


Omega14MassCut7_1_11

Entries	3182840
Mean	1.262
Std Dev	0.2587
χ^2 / ndf	9487 / 41
p0	$-1.379\text{e}+06 \pm 0.0$
p1	-37.07 ± 0.00
p2	-68.32 ± 0.00
p3	905.9 ± 0.0
p4	0.8 ± 0.0
p5	0.09985 ± 0.00000
p6	0.0004073 ± 0.0000000
p7	0.7812 ± 0.0000
p8	0.003004 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $25.00 < \theta < 28.00$

Counts / 1.5MeV

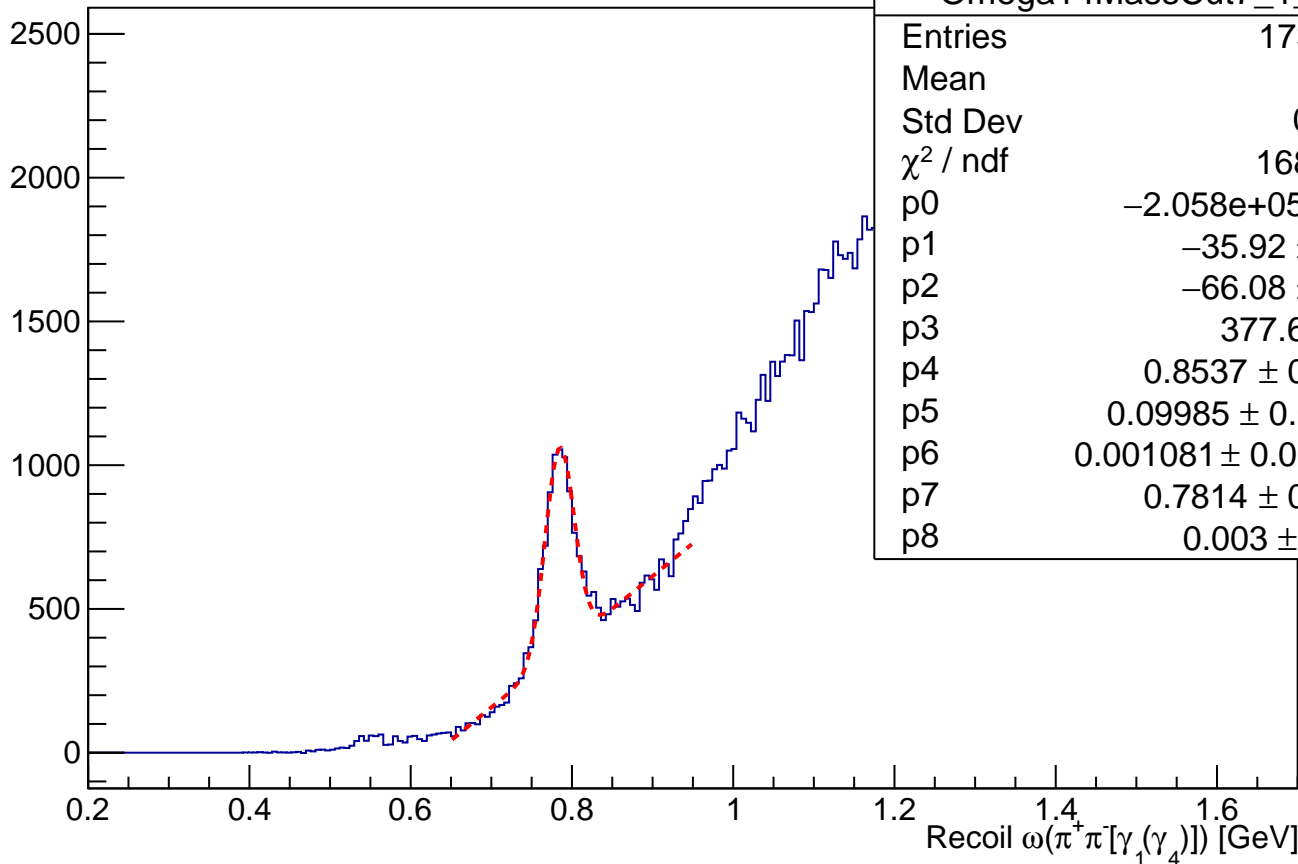


Omega14MassCut7_1_12

Entries	2359848
Mean	1.287
Std Dev	0.2525
χ^2 / ndf	4357 / 41
p0	$-6.734\text{e}+05 \pm 1.805\text{e}+00$
p1	$-3.246\text{e}+05 \pm 1.805\text{e}+00$
p2	$-5.008\text{e}+05 \pm 1.805\text{e}+00$
p3	72.94 ± 1914.41
p4	0.8134 ± 0.0016
p5	0.06032 ± 0.00107
p6	0.03746 ± 0.00010
p7	$0.8995 \pm \text{nan}$
p8	0.01154 ± 0.01244

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $28.00 < \theta < 31.00$

Counts / 1.5MeV

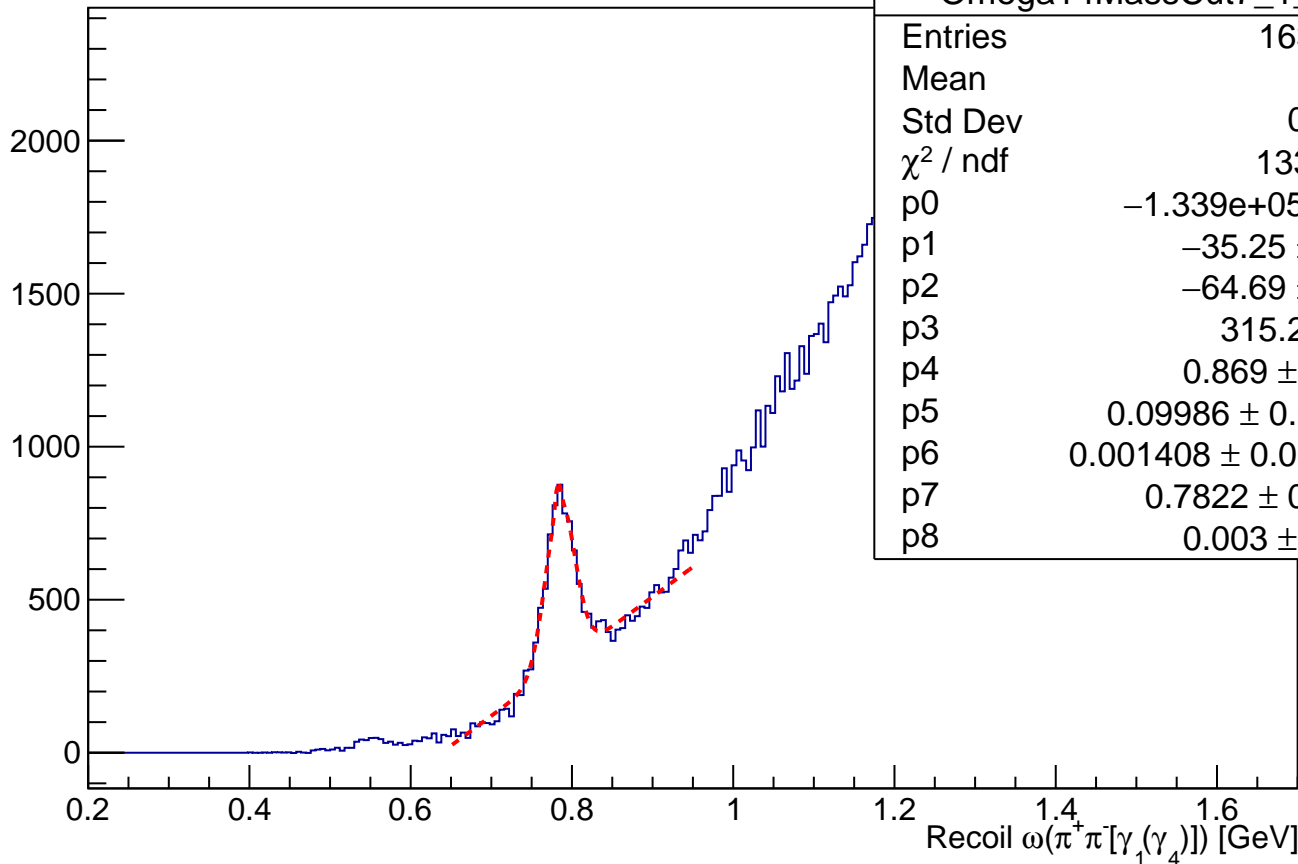


Omega14MassCut7_1_13

Entries	1731377
Mean	1.308
Std Dev	0.2481
χ^2 / ndf	1680 / 41
p0	$-2.058\text{e}+05 \pm 0.0$
p1	-35.92 ± 0.00
p2	-66.08 ± 0.00
p3	377.6 ± 0.0
p4	0.8537 ± 0.0000
p5	0.09985 ± 0.00000
p6	0.001081 ± 0.000000
p7	0.7814 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $31.00 < \theta < 35.00$

Counts / 1.5MeV

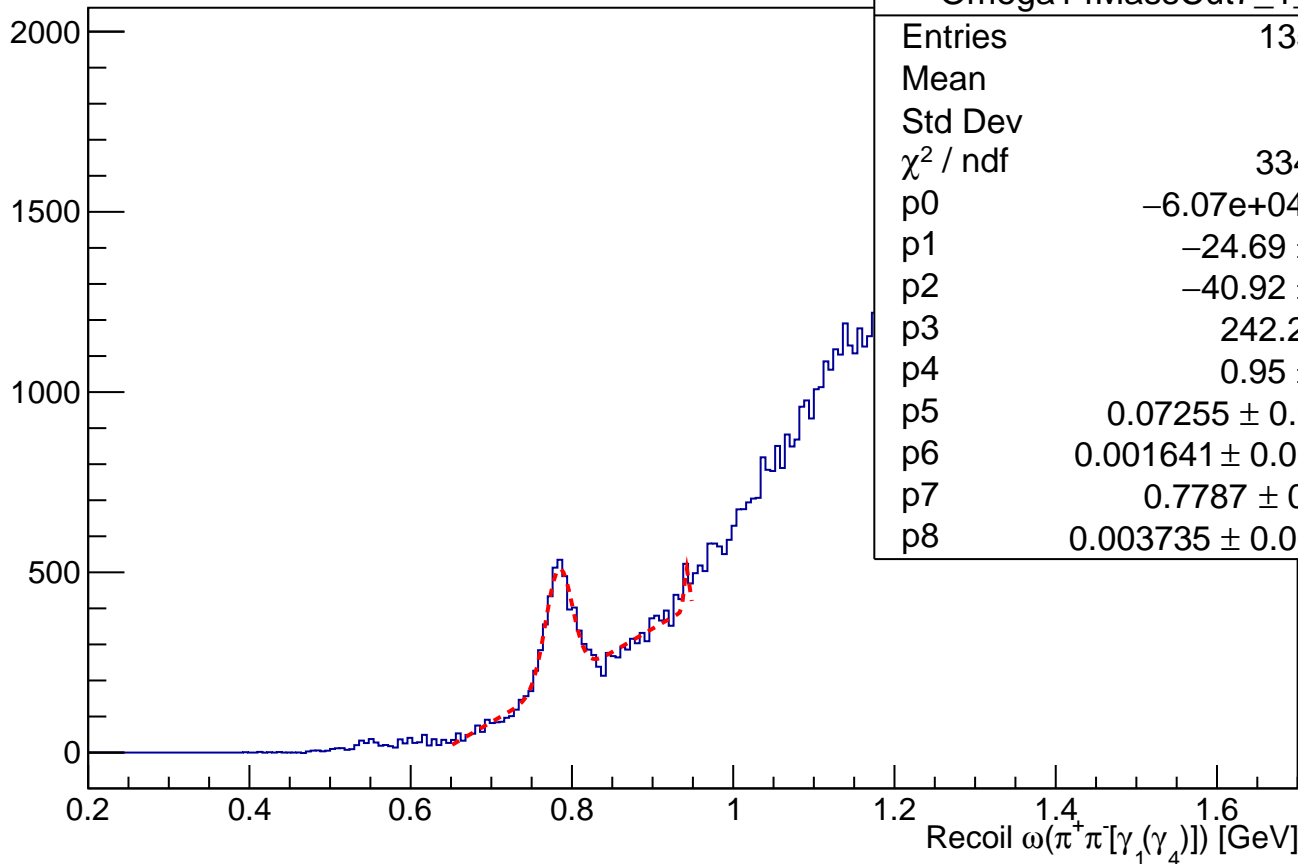


Omega14MassCut7_1_14

Entries	1639019
Mean	1.327
Std Dev	0.2446
χ^2 / ndf	1330 / 41
p0	$-1.339\text{e}+05 \pm 0.0$
p1	-35.25 ± 0.00
p2	-64.69 ± 0.00
p3	315.2 ± 0.0
p4	0.869 ± 0.000
p5	0.09986 ± 0.00000
p6	0.001408 ± 0.000000
p7	0.7822 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $35.00 < \theta < 40.00$

Counts / 1.5MeV

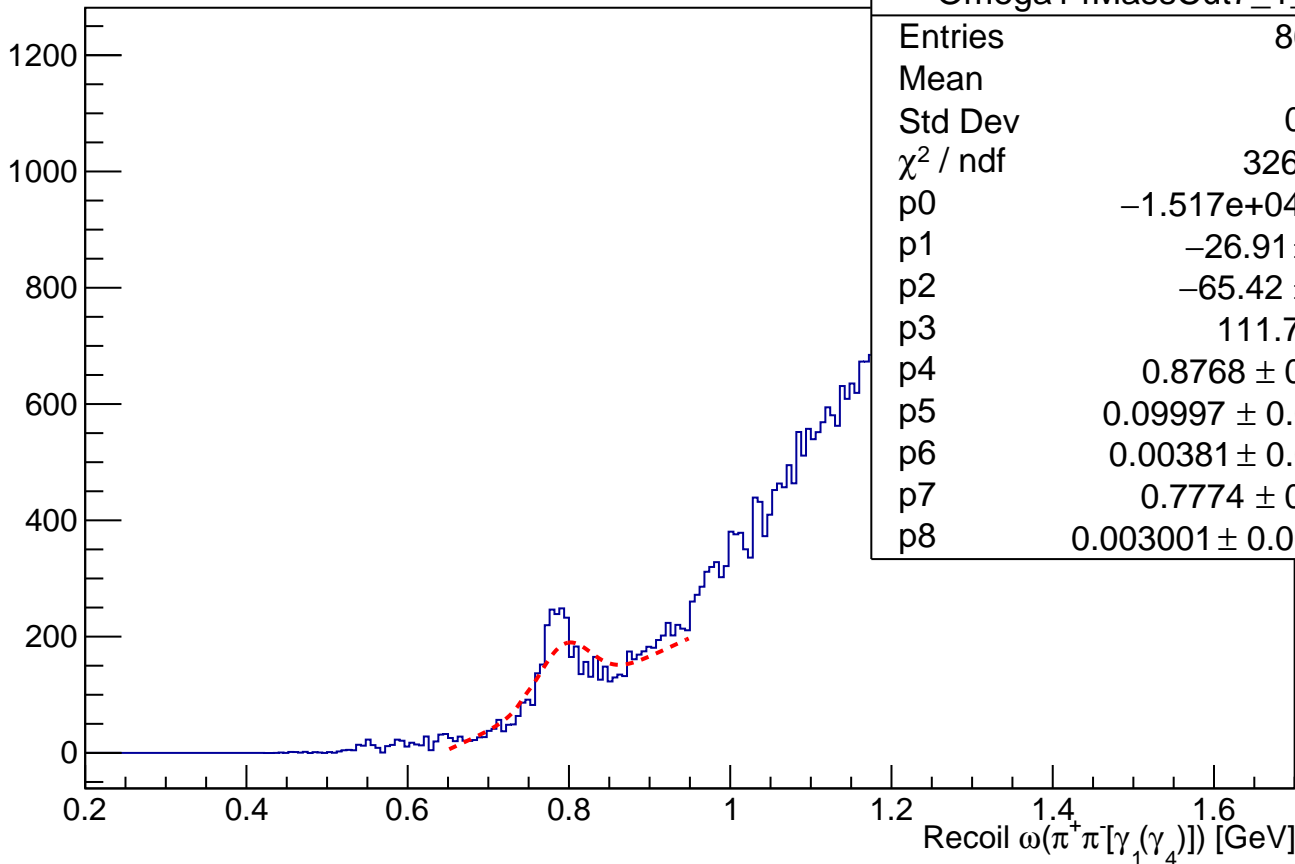


Omega14MassCut7_1_15

Entries	1350033
Mean	1.345
Std Dev	0.239
χ^2 / ndf	3344 / 41
p0	$-6.07\text{e}+04 \pm 0.0$
p1	-24.69 ± 0.00
p2	-40.92 ± 0.00
p3	242.2 ± 0.0
p4	0.95 ± 0.00
p5	0.07255 ± 0.00000
p6	0.001641 ± 0.000000
p7	0.7787 ± 0.0000
p8	0.003735 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $40.00 < \theta < 45.00$

Counts / 1.5MeV

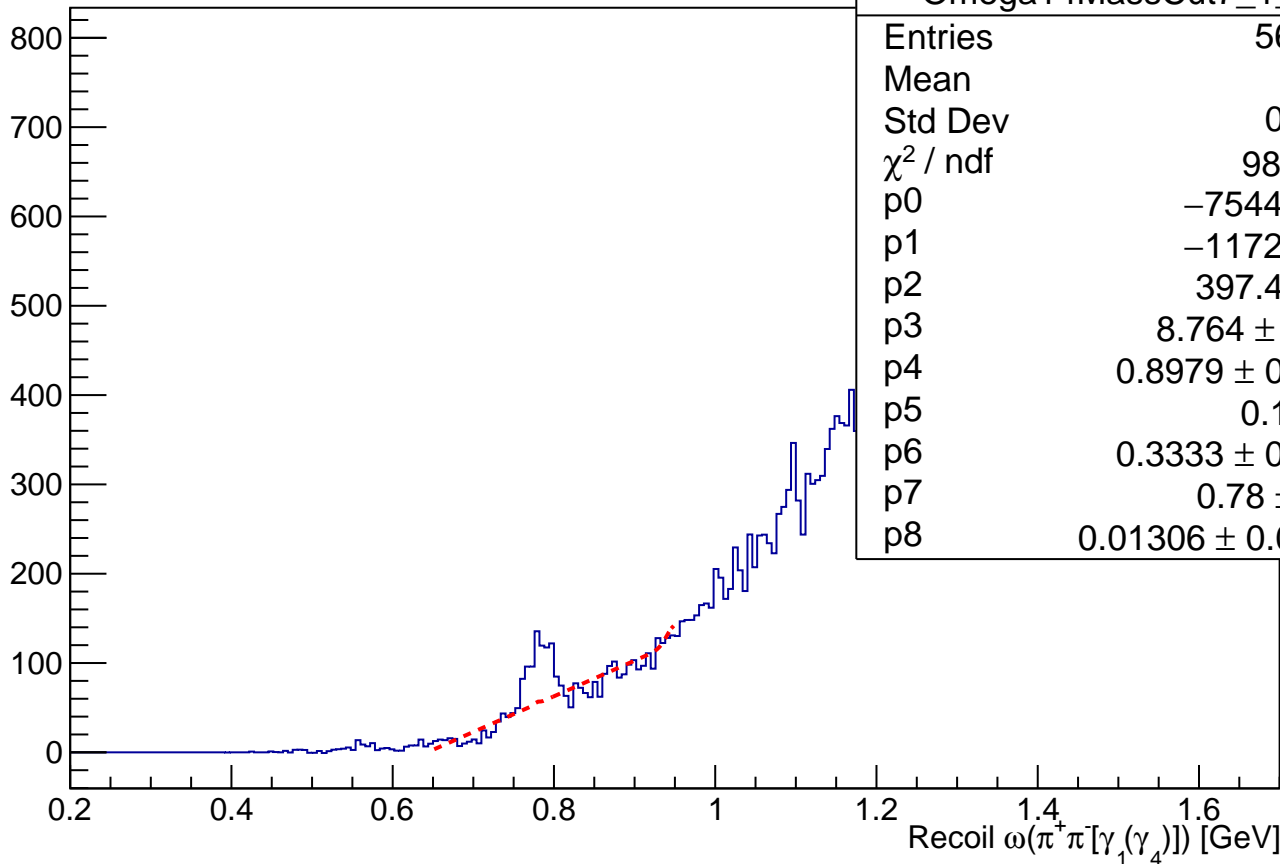


Omega14MassCut7_1_16

Entries	866715
Mean	1.361
Std Dev	0.2355
χ^2 / ndf	326.5 / 41
p0	$-1.517\text{e}+04 \pm 0.0$
p1	-26.91 ± 0.00
p2	-65.42 ± 0.00
p3	111.7 ± 0.0
p4	0.8768 ± 0.0000
p5	0.09997 ± 0.00000
p6	0.00381 ± 0.00000
p7	0.7774 ± 0.0000
p8	0.003001 ± 0.000000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $45.00 < \theta < 50.00$

Counts / 1.5MeV

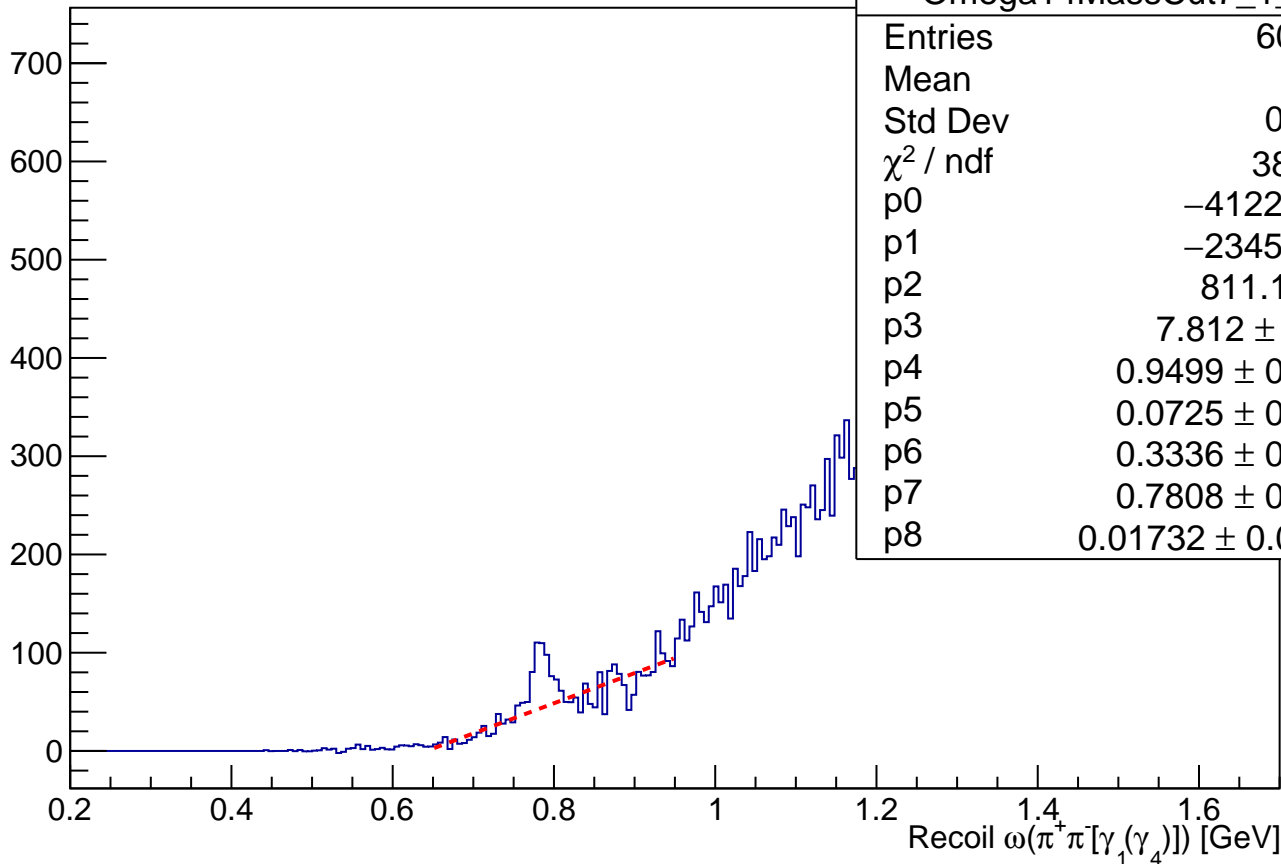


Omega14MassCut7_1_17

Entries	566038
Mean	1.371
Std Dev	0.2318
χ^2 / ndf	98.1 / 41
p0	-7544 ± 0.0
p1	-1172 ± 0.0
p2	397.4 ± 0.0
p3	8.764 ± 0.000
p4	0.8979 ± 0.0000
p5	0.1 ± 0.0
p6	0.3333 ± 0.0000
p7	0.78 ± 0.00
p8	0.01306 ± 0.00000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $50.00 < \theta < 60.00$

Counts / 1.5MeV

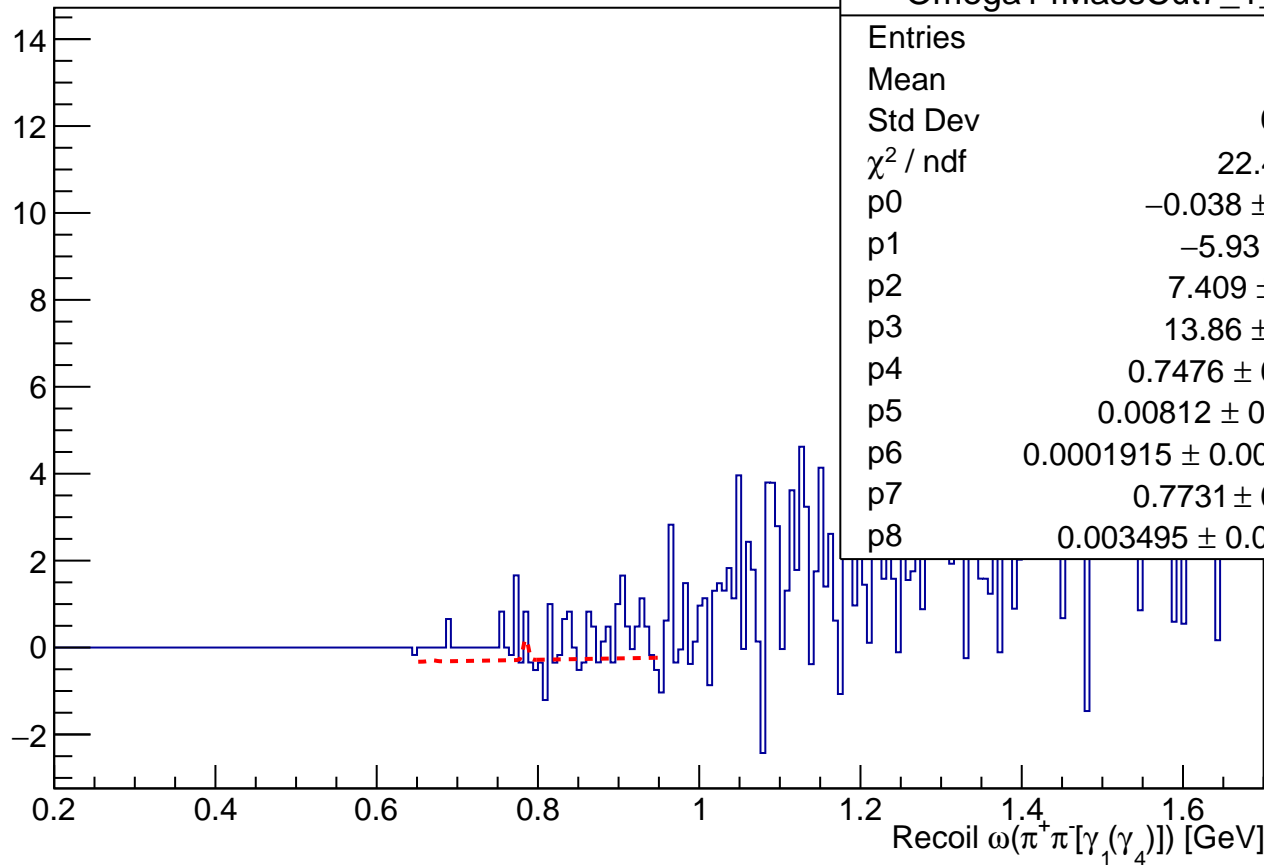


Omega14MassCut7_1_18

Entries	607143
Mean	1.383
Std Dev	0.2287
χ^2 / ndf	388 / 41
p0	-4122 ± 0.0
p1	-2345 ± 0.0
p2	811.1 ± 0.0
p3	7.812 ± 0.000
p4	0.9499 ± 0.0000
p5	0.0725 ± 0.0000
p6	0.3336 ± 0.0000
p7	0.7808 ± 0.0000
p8	0.01732 ± 0.00000

$\gamma_4(\text{BCAL})$ $0.50 < E < 1.00$ [GeV]: $60.00 < \theta < 80.00$

Counts / 1.5MeV

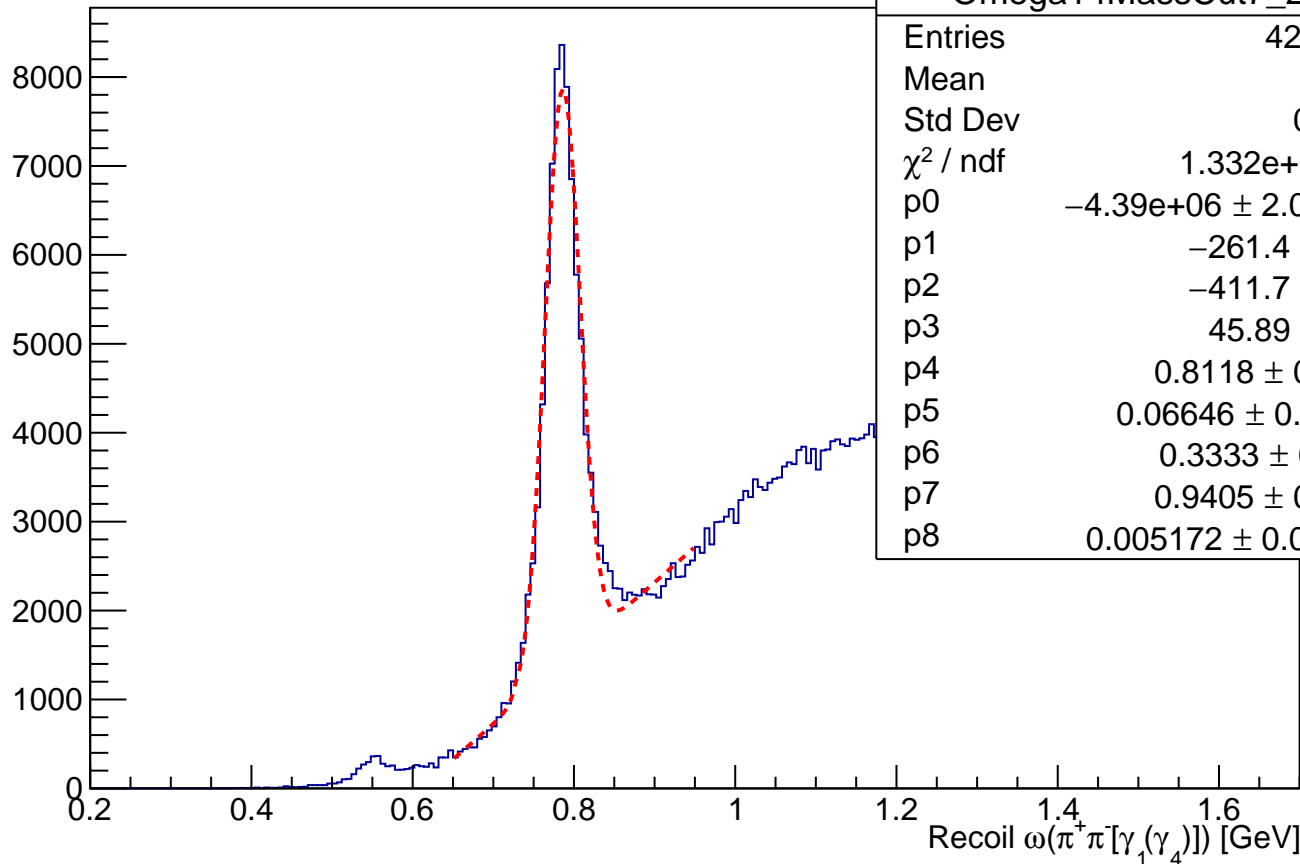


Omega14MassCut7_1_19

Entries	8105
Mean	1.426
Std Dev	0.2032
χ^2 / ndf	22.42 / 23
p0	-0.038 ± 0.068
p1	-5.93 ± 5.09
p2	7.409 ± 5.221
p3	13.86 ± 13.02
p4	0.7476 ± 0.0145
p5	0.00812 ± 0.00371
p6	0.0001915 ± 0.0003119
p7	0.7731 ± 0.0040
p8	0.003495 ± 0.003016

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $10.00 < \theta < 11.00$

Counts / 1.5MeV

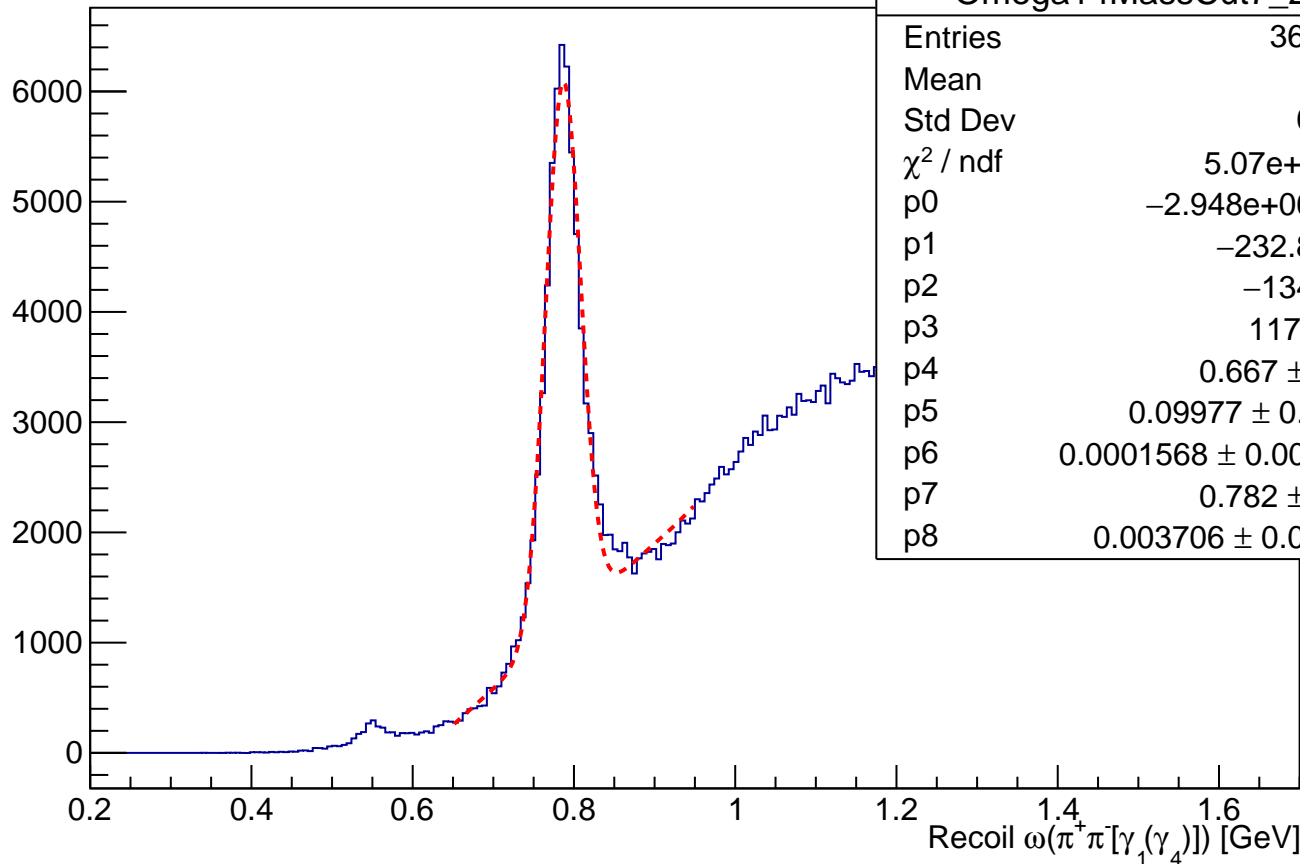


Omega14MassCut7_2_0

Entries	4280358
Mean	1.189
Std Dev	0.2857
χ^2 / ndf	1.332e+04 / 41
p0	$-4.39\text{e}+06 \pm 2.01\text{e}+01$
p1	-261.4 ± 51.6
p2	-411.7 ± 51.6
p3	45.89 ± 1.26
p4	0.8118 ± 0.0004
p5	0.06646 ± 0.00045
p6	0.3333 ± 0.0181
p7	0.9405 ± 0.0008
p8	0.005172 ± 0.000381

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $11.00 < \theta < 12.00$

Counts / 1.5MeV

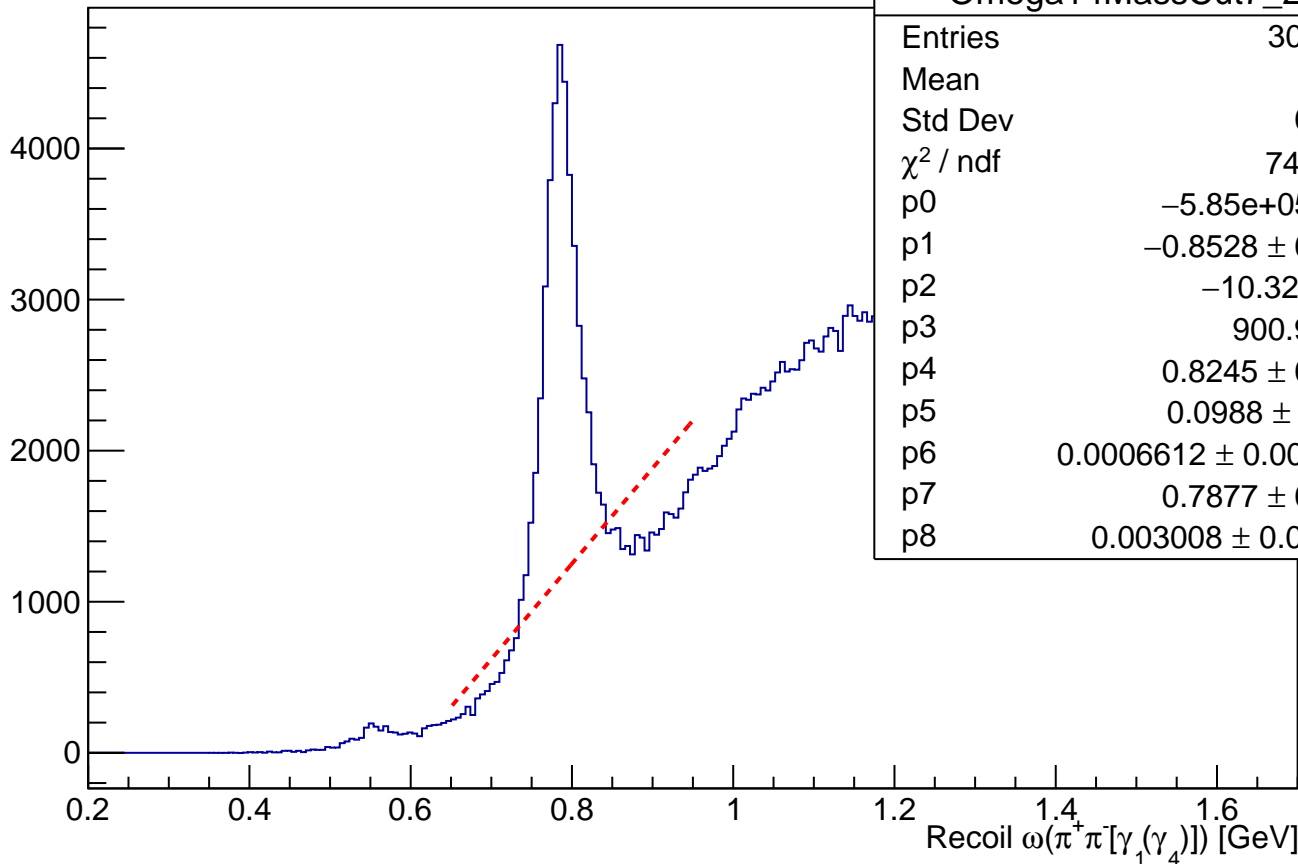


Omega14MassCut7_2_1

Entries	3653058
Mean	1.203
Std Dev	0.2825
χ^2 / ndf	5.07e+04 / 41
p0	$-2.948\text{e}+06 \pm 0.0$
p1	-232.8 ± 0.0
p2	-134 ± 0.0
p3	1171 ± 0.0
p4	0.667 ± 0.000
p5	0.09977 ± 0.00000
p6	0.0001568 ± 0.0000000
p7	0.782 ± 0.000
p8	0.003706 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $12.00 < \theta < 13.00$

Counts / 1.5MeV

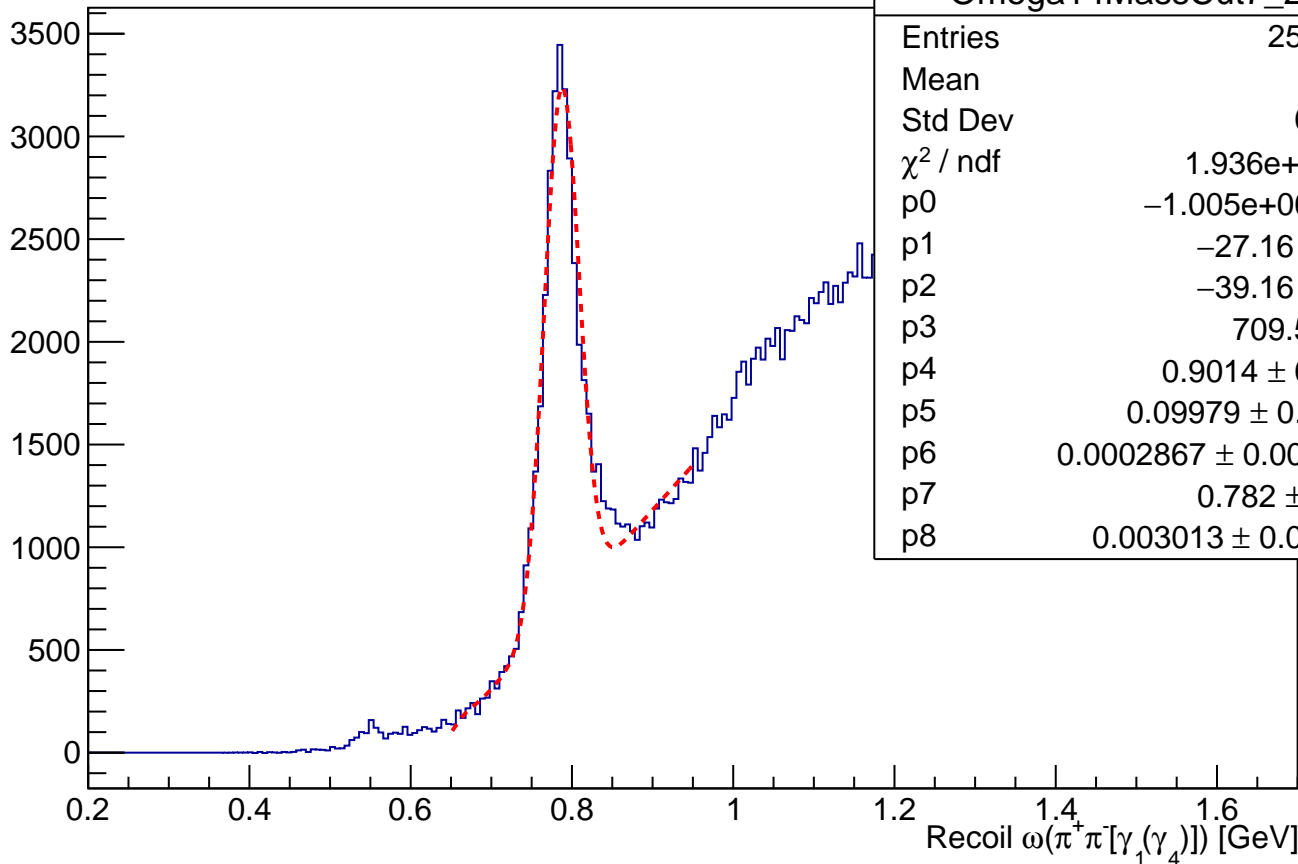


Omega14MassCut7_2_2

Entries	3054884
Mean	1.217
Std Dev	0.2783
χ^2 / ndf	7427 / 41
p0	$-5.85\text{e}+05 \pm 0.0$
p1	-0.8528 ± 0.0106
p2	-10.32 ± 0.01
p3	900.9 ± 2.4
p4	0.8245 ± 0.0024
p5	0.0988 ± 0.0001
p6	0.0006612 ± 0.0000313
p7	0.7877 ± 0.1575
p8	0.003008 ± 0.000028

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $13.00 < \theta < 14.00$

Counts / 1.5MeV

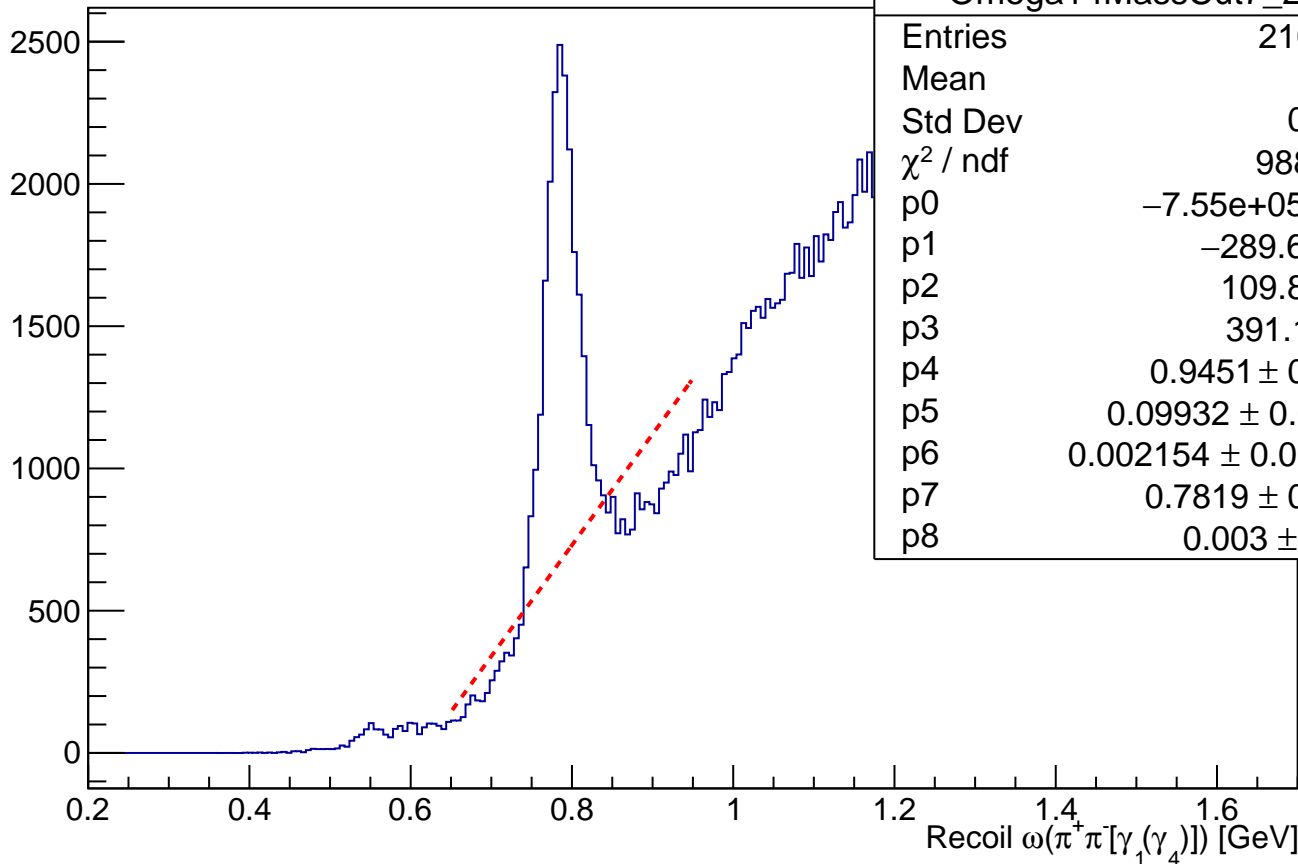


Omega14MassCut7_2_3

Entries	2541477
Mean	1.233
Std Dev	0.2745
χ^2 / ndf	1.936e+04 / 41
p0	$-1.005\text{e}+06 \pm 0.0$
p1	-27.16 ± 0.00
p2	-39.16 ± 0.00
p3	709.5 ± 0.0
p4	0.9014 ± 0.0000
p5	0.09979 ± 0.00000
p6	0.0002867 ± 0.0000000
p7	0.782 ± 0.000
p8	0.003013 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $14.00 < \theta < 15.00$

Counts / 1.5MeV

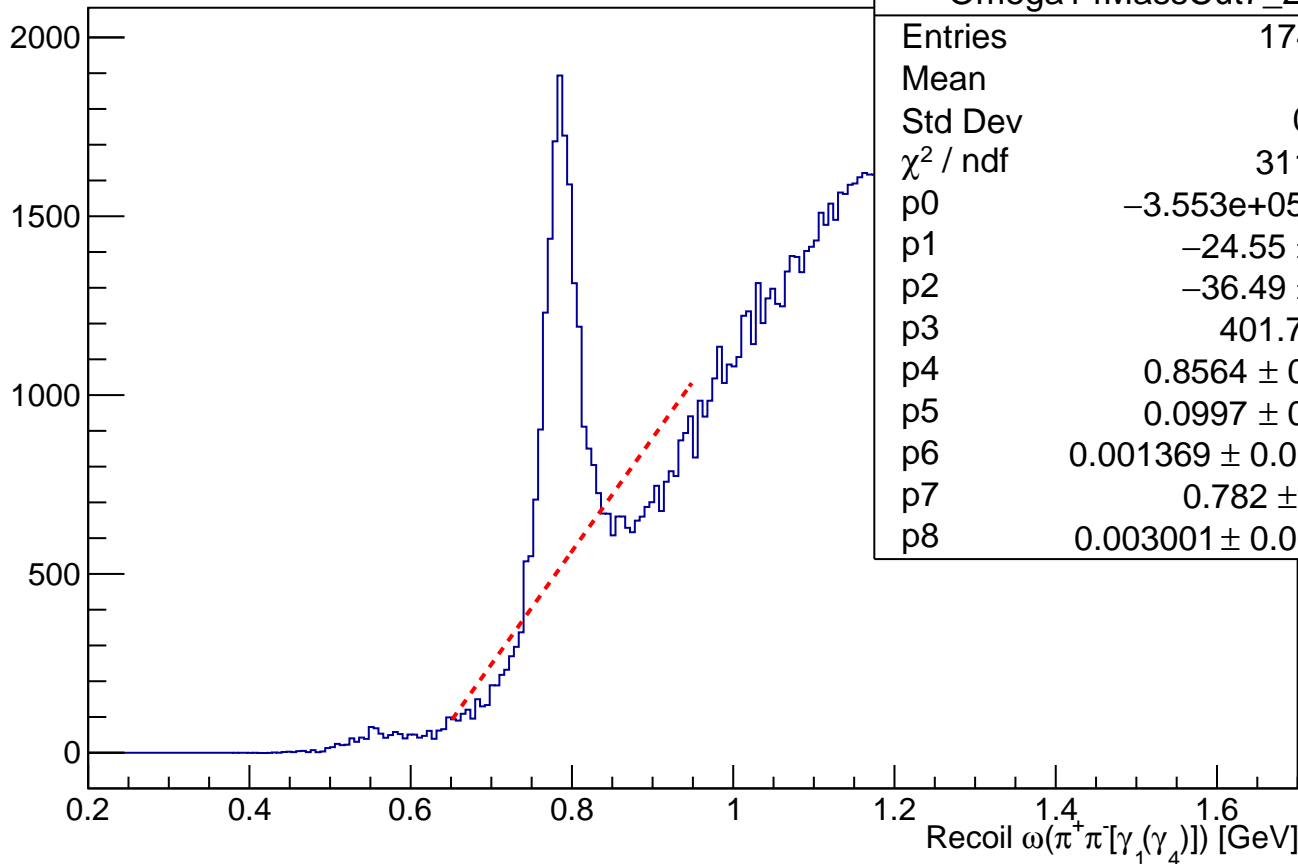


Omega14MassCut7_2_4

Entries	2107909
Mean	1.247
Std Dev	0.2705
χ^2 / ndf	9884 / 41
p0	$-7.55\text{e}+05 \pm 0.0$
p1	-289.6 ± 0.0
p2	109.8 ± 0.0
p3	391.1 ± 0.0
p4	0.9451 ± 0.0000
p5	0.09932 ± 0.00000
p6	0.002154 ± 0.000000
p7	0.7819 ± 0.0000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $15.00 < \theta < 16.00$

Counts / 1.5MeV

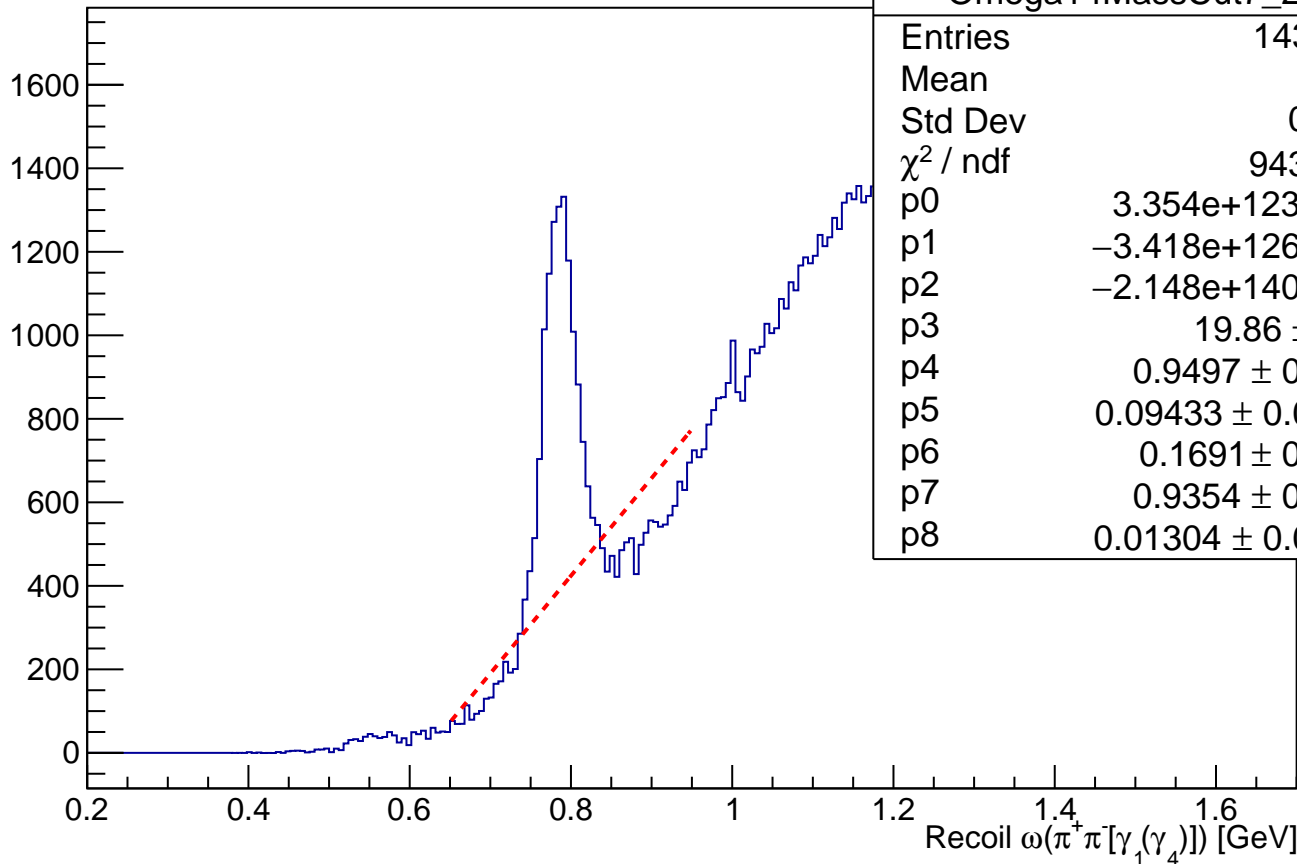


Omega14MassCut7_2_5

Entries	1742132
Mean	1.26
Std Dev	0.2661
χ^2 / ndf	3115 / 41
p0	$-3.553\text{e}+05 \pm 0.0$
p1	-24.55 ± 0.00
p2	-36.49 ± 0.00
p3	401.7 ± 0.0
p4	0.8564 ± 0.0000
p5	0.0997 ± 0.0000
p6	0.001369 ± 0.000000
p7	0.782 ± 0.000
p8	0.003001 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $16.00 < \theta < 17.00$

Counts / 1.5MeV

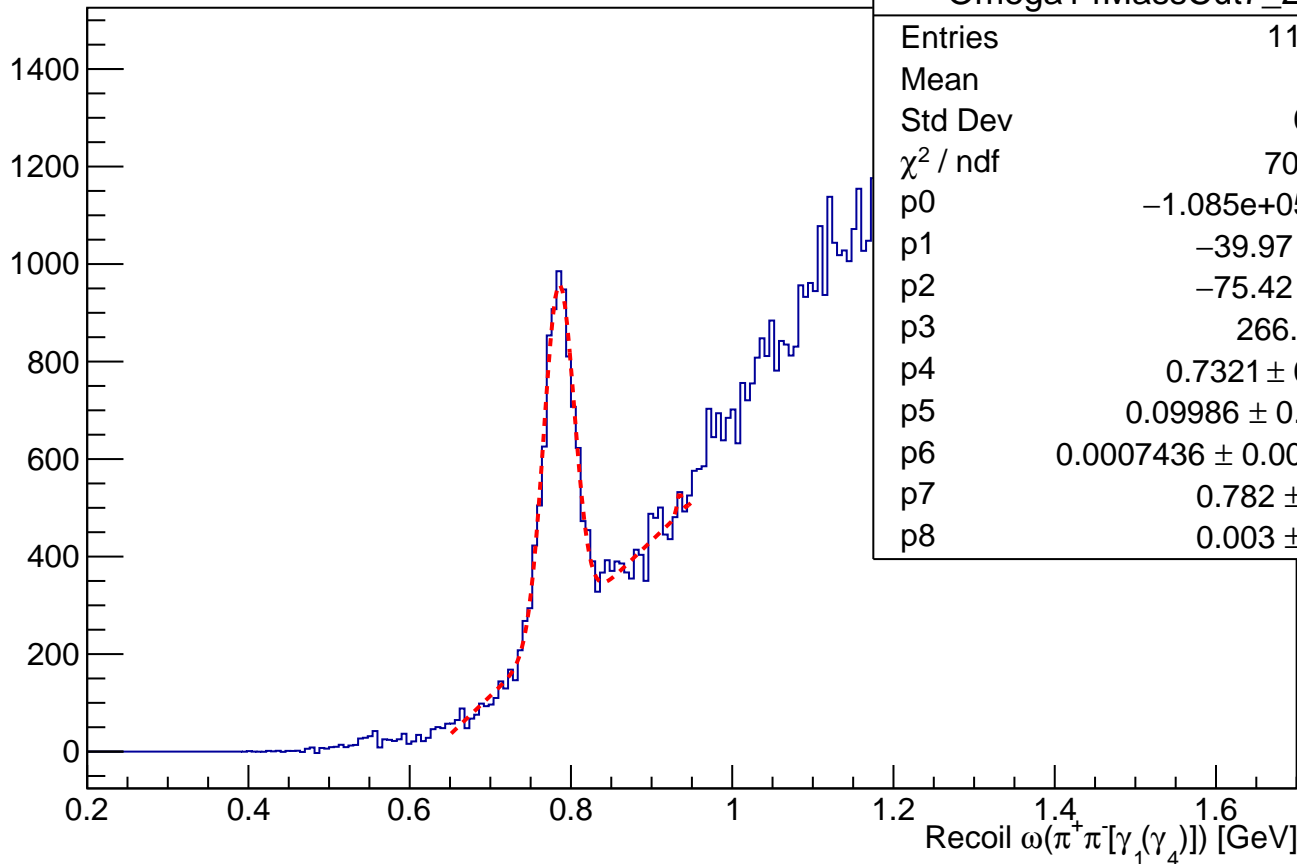


Omega14MassCut7_2_6

Entries	1437268
Mean	1.273
Std Dev	0.2631
χ^2 / ndf	9431 / 41
p0	$3.354\text{e}+123 \pm 0.0$
p1	$-3.418\text{e}+126 \pm 0.0$
p2	$-2.148\text{e}+140 \pm 0.0$
p3	19.86 ± 0.00
p4	0.9497 ± 0.0000
p5	0.09433 ± 0.00000
p6	0.1691 ± 0.0000
p7	0.9354 ± 0.0000
p8	0.01304 ± 0.00000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $17.00 < \theta < 18.00$

Counts / 1.5MeV

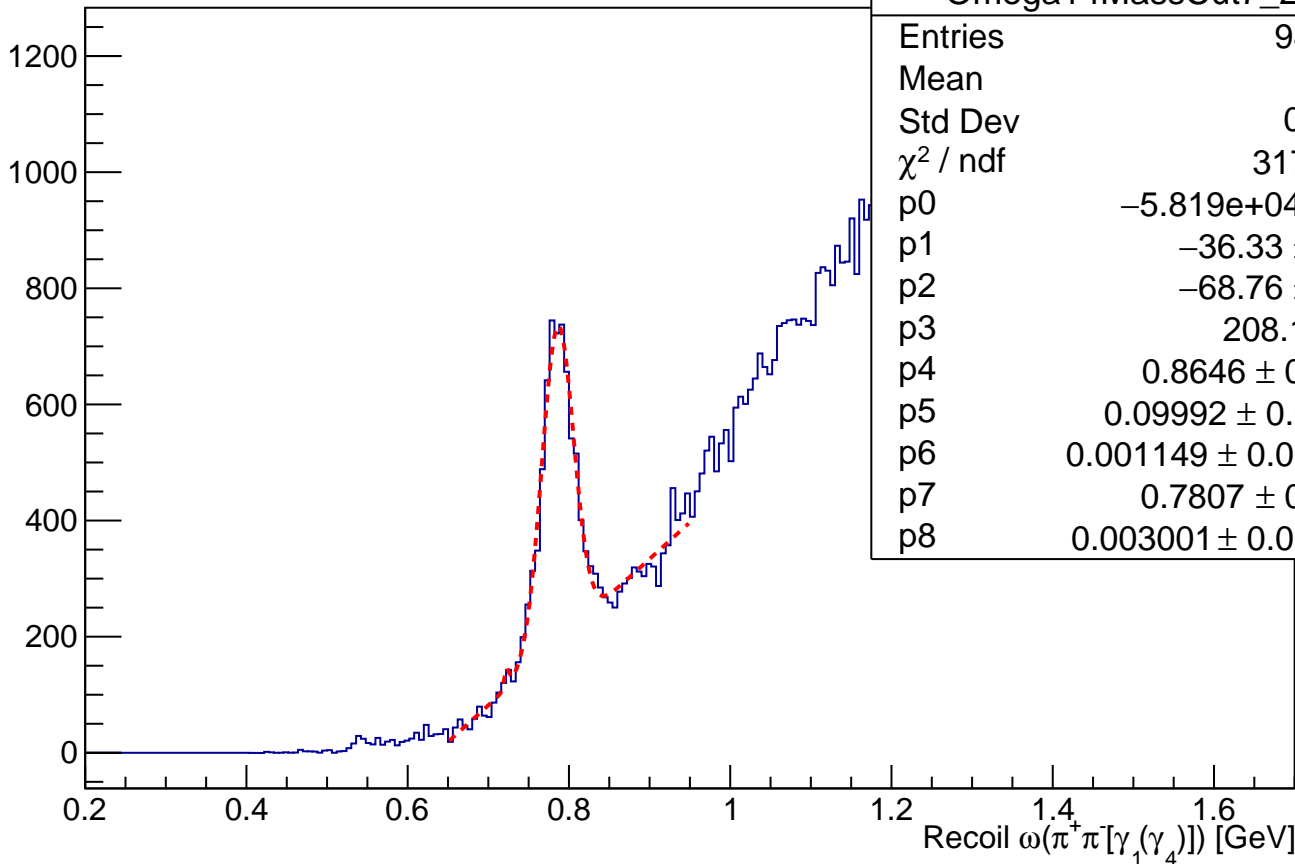


Omega14MassCut7_2_7

Entries	1188032
Mean	1.286
Std Dev	0.2588
χ^2 / ndf	7081 / 41
p0	$-1.085\text{e}+05 \pm 0.0$
p1	-39.97 ± 0.00
p2	-75.42 ± 0.00
p3	266.1 ± 0.0
p4	0.7321 ± 0.0000
p5	0.09986 ± 0.00000
p6	0.0007436 ± 0.0000000
p7	0.782 ± 0.000
p8	0.003 ± 0.000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $18.00 < \theta < 19.00$

Counts / 1.5MeV

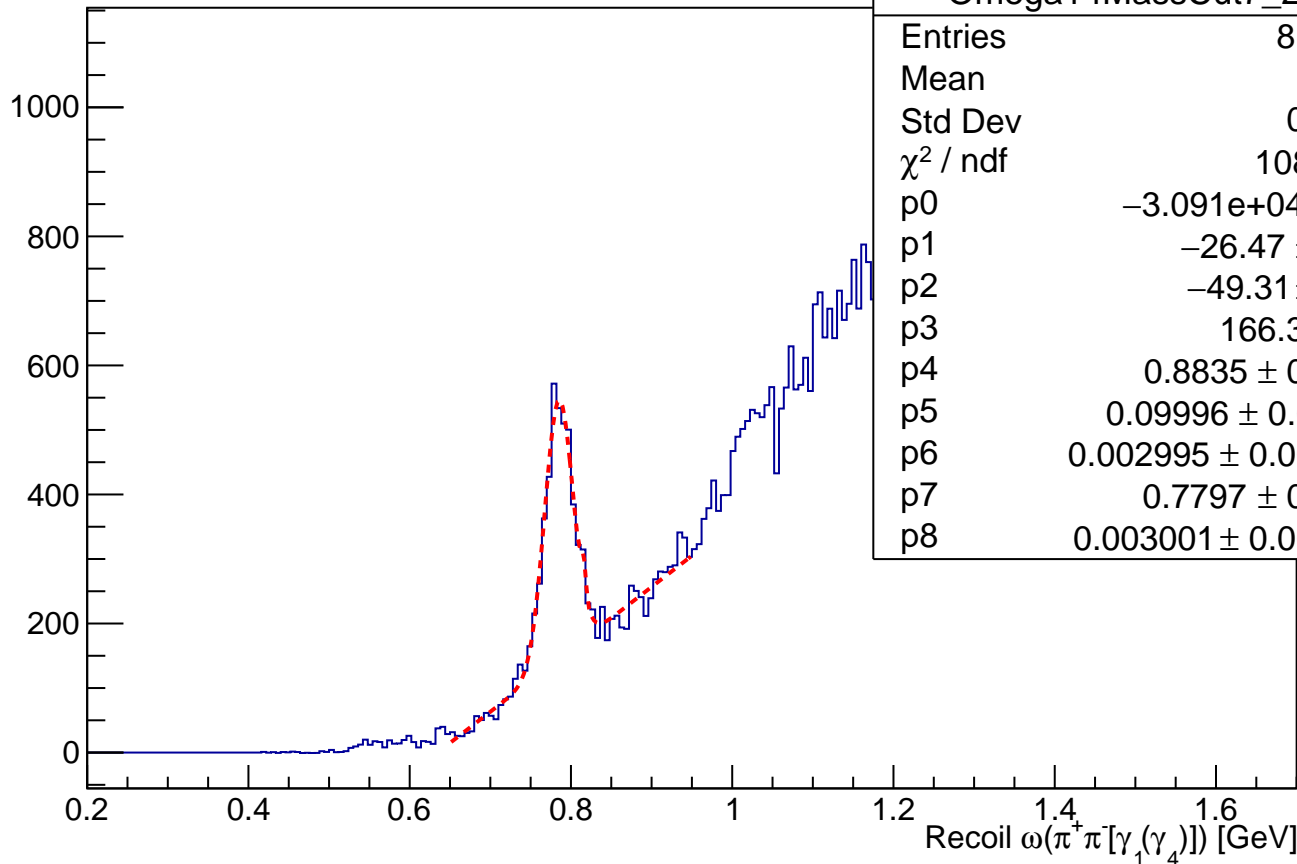


Omega14MassCut7_2_8

Entries	982177
Mean	1.296
Std Dev	0.2557
χ^2 / ndf	3171 / 41
p0	$-5.819\text{e}+04 \pm 0.0$
p1	-36.33 ± 0.00
p2	-68.76 ± 0.00
p3	208.1 ± 0.0
p4	0.8646 ± 0.0000
p5	0.09992 ± 0.00000
p6	0.001149 ± 0.000000
p7	0.7807 ± 0.0000
p8	0.003001 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $19.00 < \theta < 20.00$

Counts / 1.5MeV

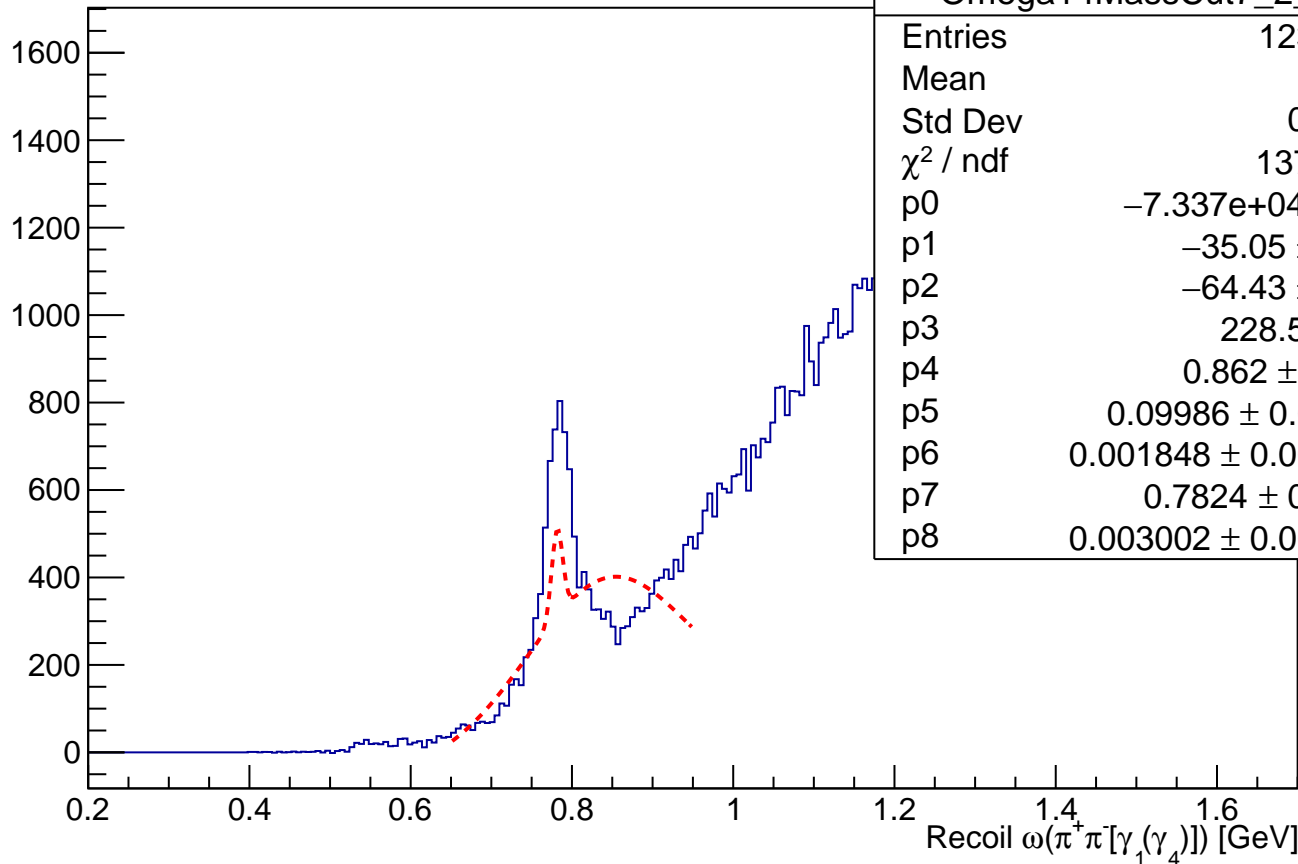


Omega14MassCut7_2_9

Entries	813323
Mean	1.309
Std Dev	0.2518
χ^2 / ndf	1087 / 41
p0	$-3.091\text{e}+04 \pm 0.0$
p1	-26.47 ± 0.00
p2	-49.31 ± 0.00
p3	166.3 ± 0.0
p4	0.8835 ± 0.0000
p5	0.09996 ± 0.00000
p6	0.002995 ± 0.000000
p7	0.7797 ± 0.0000
p8	0.003001 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $20.00 < \theta < 22.00$

Counts / 1.5MeV

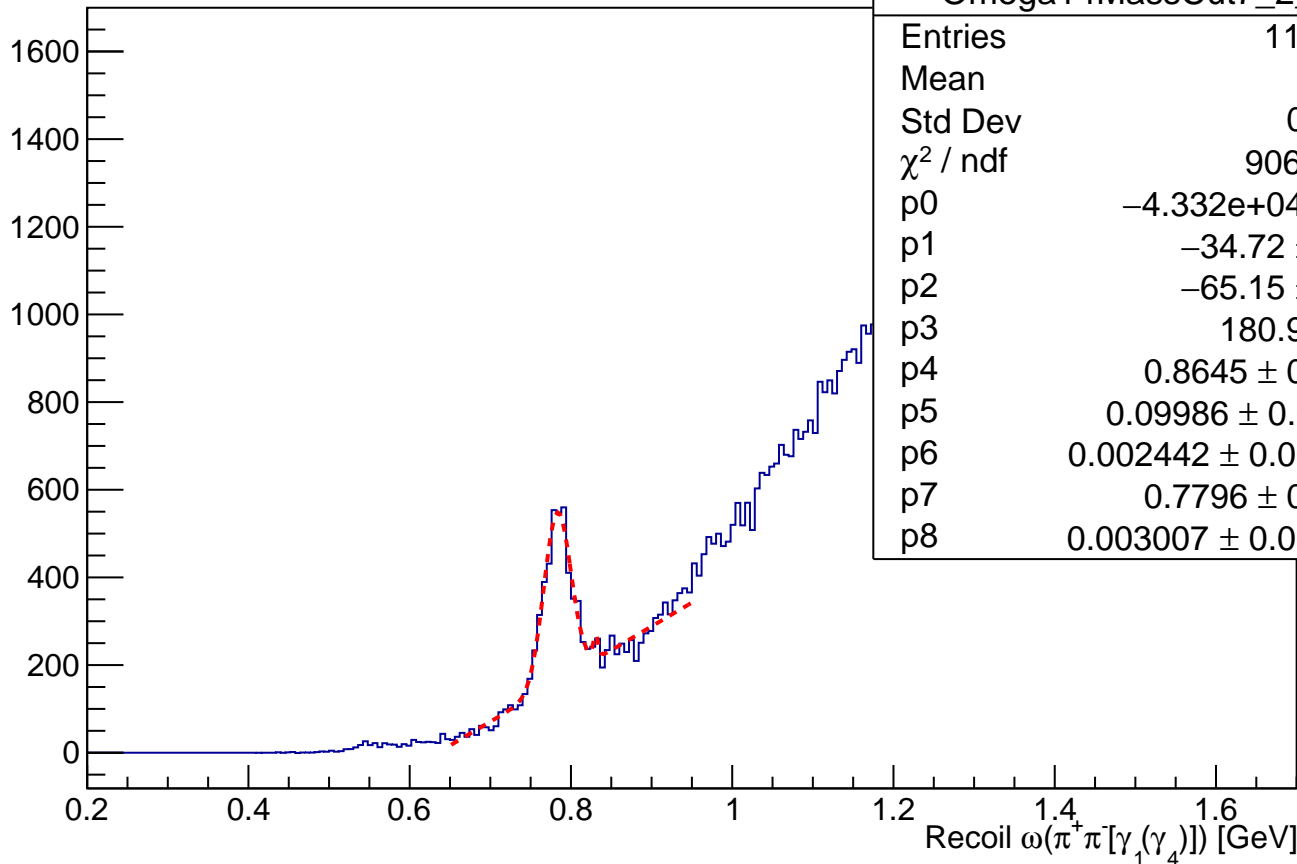


Omega14MassCut7_2_10

Entries	1235304
Mean	1.321
Std Dev	0.2499
χ^2 / ndf	1373 / 41
p0	$-7.337\text{e}+04 \pm 0.0$
p1	-35.05 ± 0.00
p2	-64.43 ± 0.00
p3	228.5 ± 0.0
p4	0.862 ± 0.000
p5	0.09986 ± 0.00000
p6	0.001848 ± 0.000000
p7	0.7824 ± 0.0000
p8	0.003002 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $22.00 < \theta < 25.00$

Counts / 1.5MeV

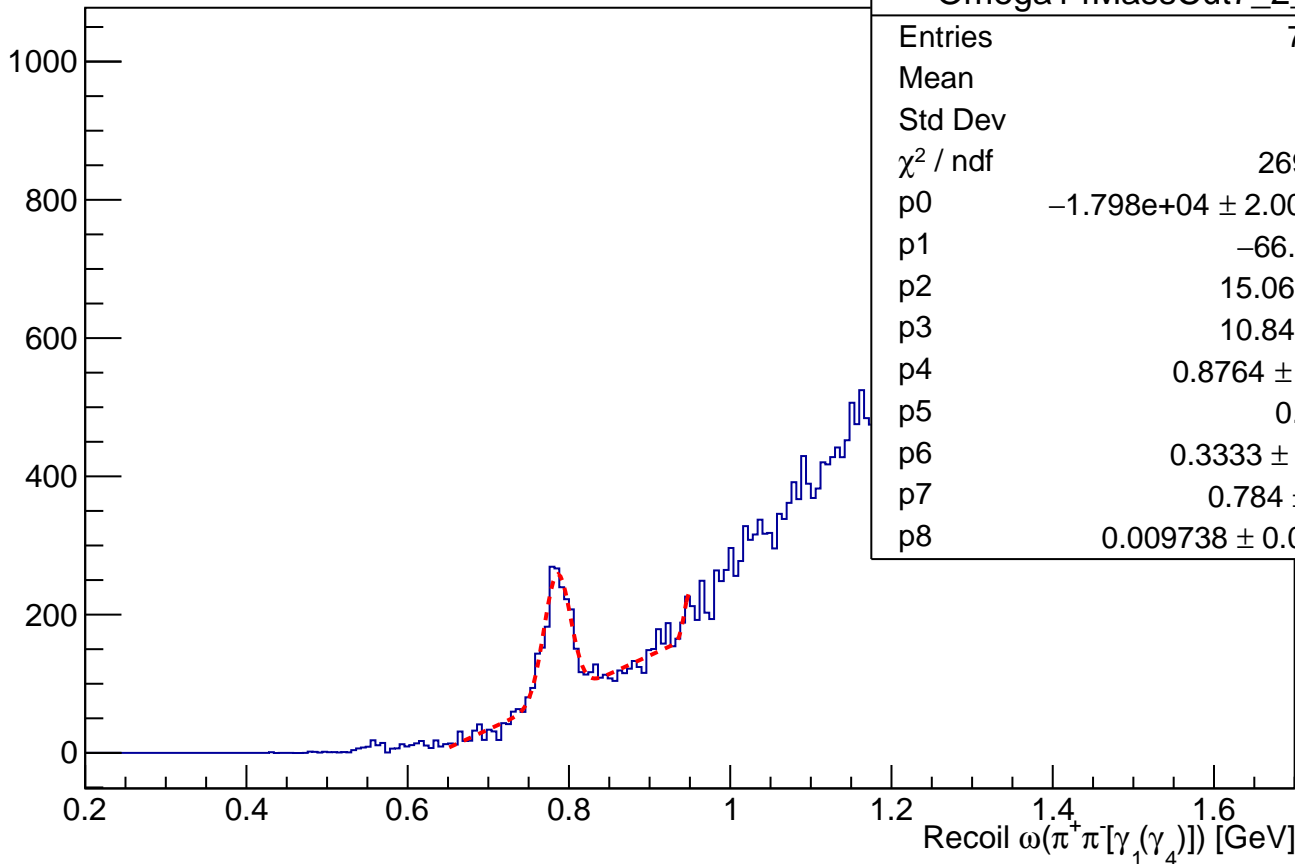


Omega14MassCut7_2_11

Entries	1190601
Mean	1.342
Std Dev	0.2429
χ^2 / ndf	906.4 / 41
p0	$-4.332\text{e}+04 \pm 0.0$
p1	-34.72 ± 0.00
p2	-65.15 ± 0.00
p3	180.9 ± 0.0
p4	0.8645 ± 0.0000
p5	0.09986 ± 0.00000
p6	0.002442 ± 0.000000
p7	0.7796 ± 0.0000
p8	0.003007 ± 0.000000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $25.00 < \theta < 28.00$

Counts / 1.5MeV

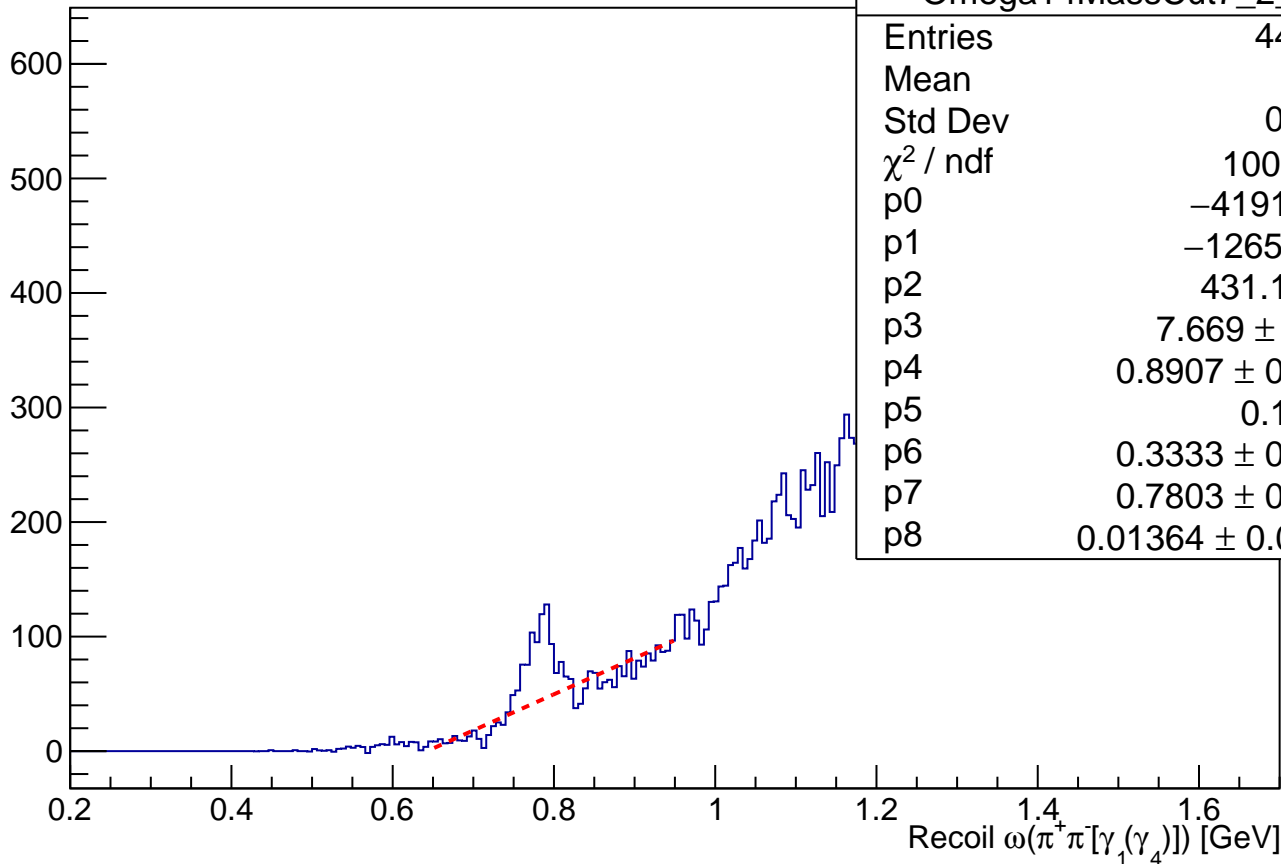


Omega14MassCut7_2_12

Entries	713590
Mean	1.361
Std Dev	0.2377
χ^2 / ndf	269.3 / 41
p0	$-1.798\text{e}+04 \pm 2.000\text{e}+00$
p1	-66.6 ± 2.0
p2	15.06 ± 2.00
p3	10.84 ± 0.73
p4	0.8764 ± 0.0031
p5	0.1 ± 0.0
p6	0.3333 ± 0.0443
p7	0.784 ± 0.001
p8	0.009738 ± 0.001074

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $28.00 < \theta < 31.00$

Counts / 1.5MeV

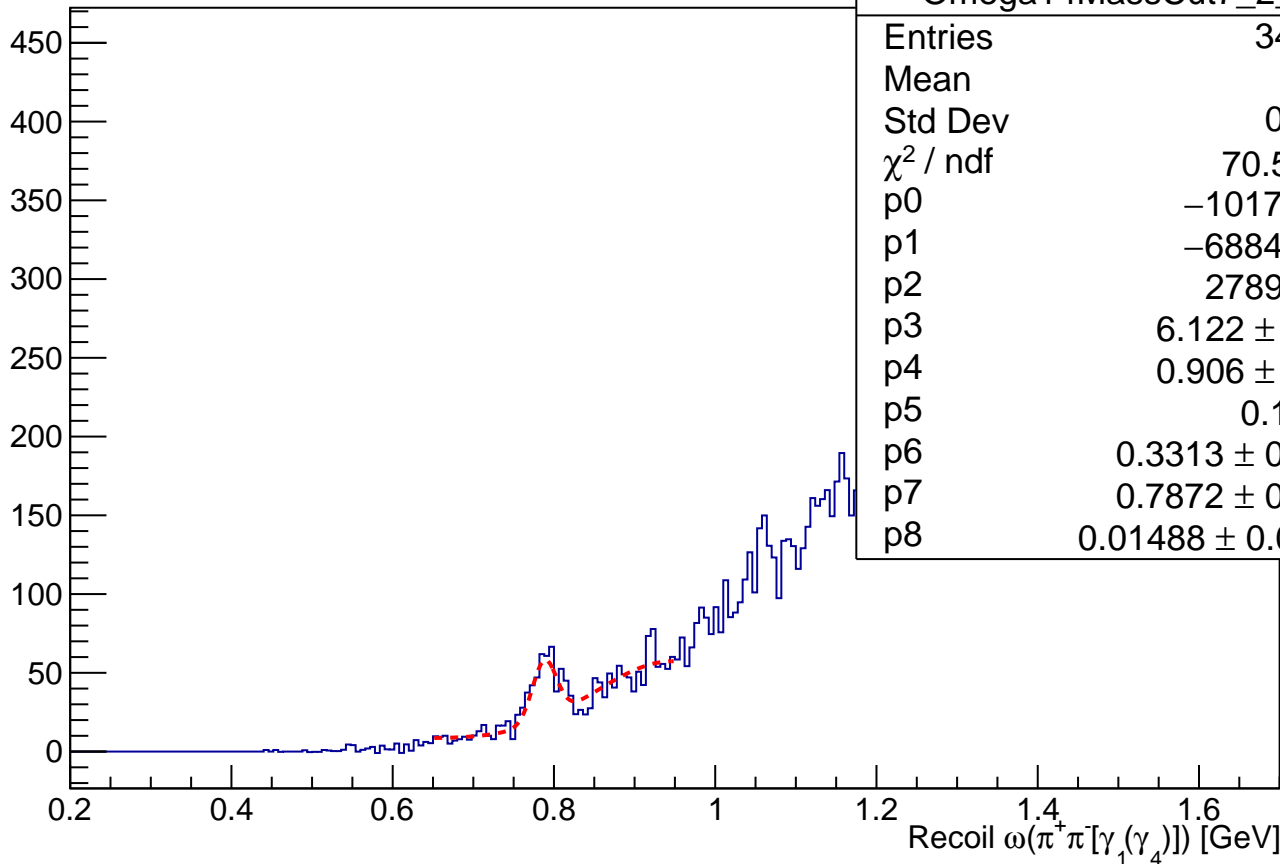


Omega14MassCut7_2_13

Entries	441614
Mean	1.375
Std Dev	0.2328
χ^2 / ndf	100.9 / 41
p0	-4191 ± 0.0
p1	-1265 ± 0.0
p2	431.1 ± 0.0
p3	7.669 ± 0.000
p4	0.8907 ± 0.0000
p5	0.1 ± 0.0
p6	0.3333 ± 0.0000
p7	0.7803 ± 0.0000
p8	0.01364 ± 0.00000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $31.00 < \theta < 35.00$

Counts / 1.5MeV

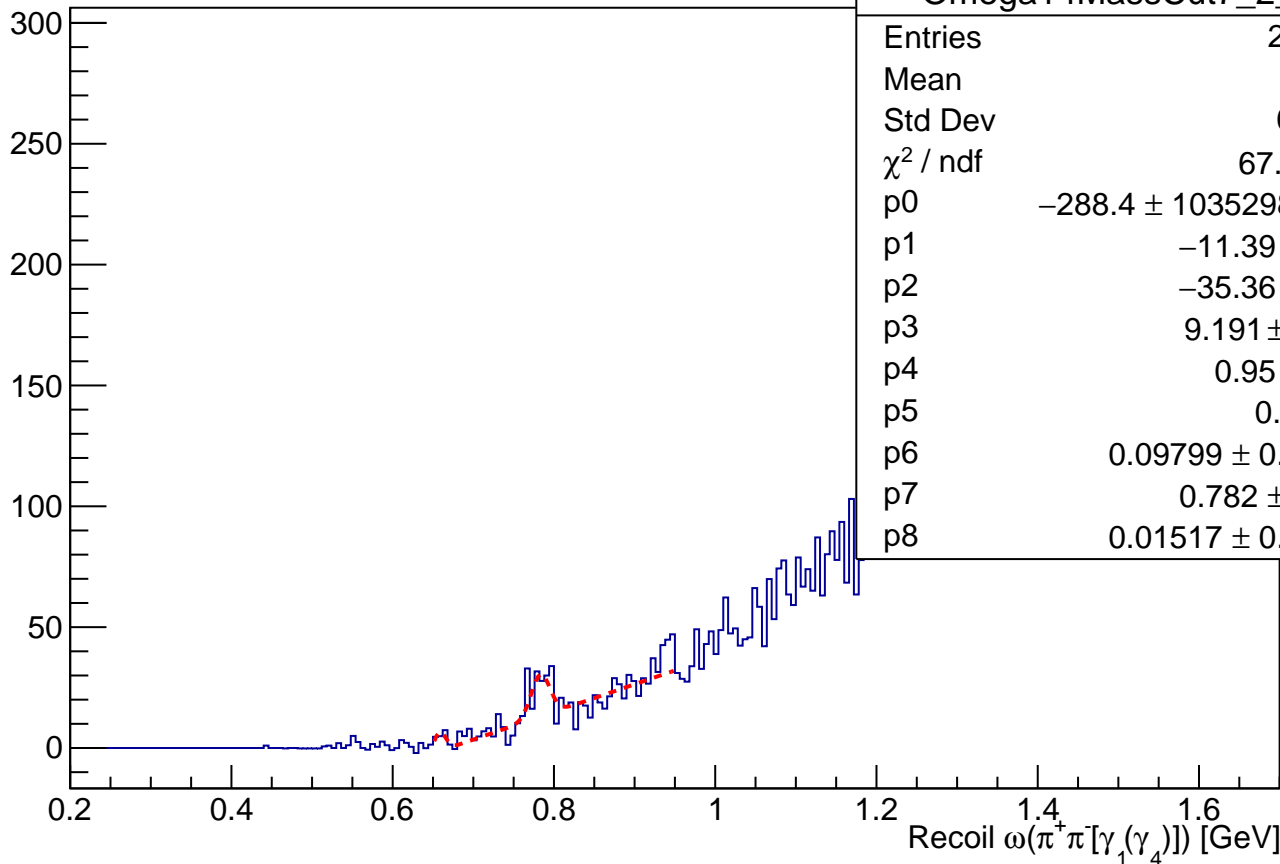


Omega14MassCut7_2_14

Entries	346354
Mean	1.387
Std Dev	0.2265
χ^2 / ndf	70.56 / 41
p0	-1017 ± 0.0
p1	-6884 ± 0.0
p2	2789 ± 0.0
p3	6.122 ± 0.000
p4	0.906 ± 0.000
p5	0.1 ± 0.0
p6	0.3313 ± 0.0000
p7	0.7872 ± 0.0000
p8	0.01488 ± 0.00000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $35.00 < \theta < 40.00$

Counts / 1.5MeV

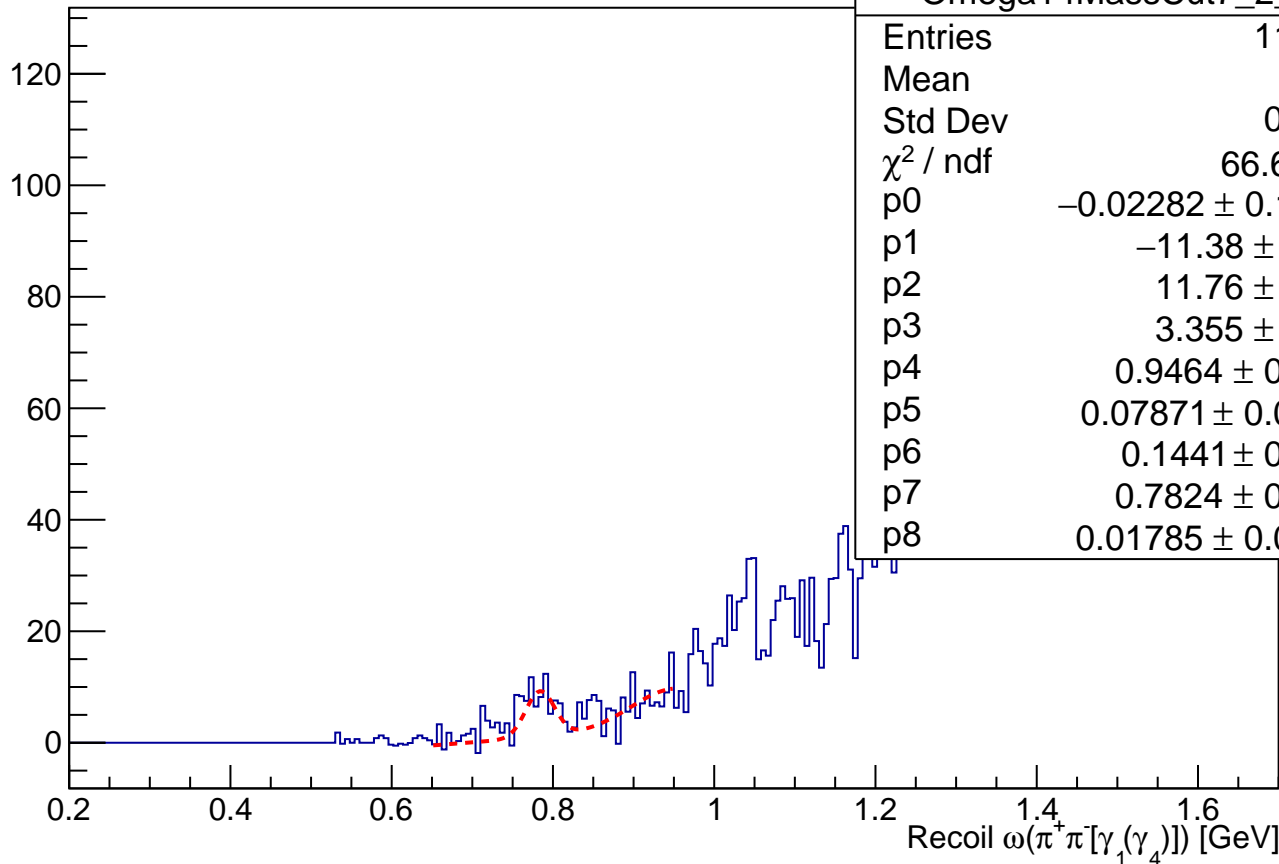


Omega14MassCut7_2_15

Entries	228700
Mean	1.4
Std Dev	0.2228
χ^2 / ndf	67.26 / 41
p0	-288.4 ± 1035298921.0
p1	-11.39 ± 0.19
p2	-35.36 ± 0.23
p3	9.191 ± 0.000
p4	0.95 ± 0.00
p5	0.1 ± 0.0
p6	0.09799 ± 0.00000
p7	0.782 ± 0.000
p8	0.01517 ± 0.00000

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $40.00 < \theta < 45.00$

Counts / 1.5MeV

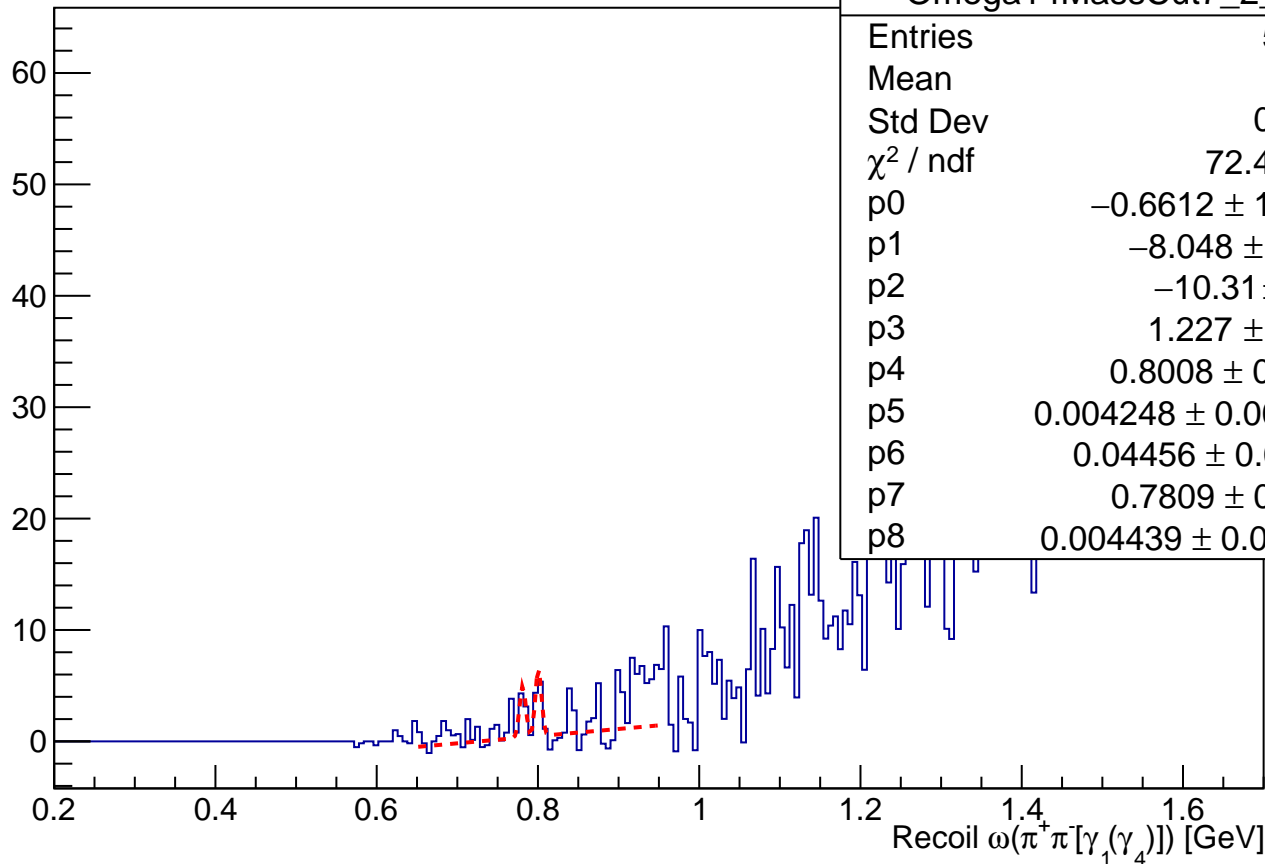


Omega14MassCut7_2_16

Entries	111626
Mean	1.415
Std Dev	0.2163
χ^2 / ndf	66.66 / 41
p0	-0.02282 ± 0.19309
p1	-11.38 ± 30.37
p2	11.76 ± 28.99
p3	3.355 ± 1.122
p4	0.9464 ± 0.0582
p5	0.07871 ± 0.01507
p6	0.1441 ± 0.0759
p7	0.7824 ± 0.0037
p8	0.01785 ± 0.00997

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $45.00 < \theta < 50.00$

Counts / 1.5MeV

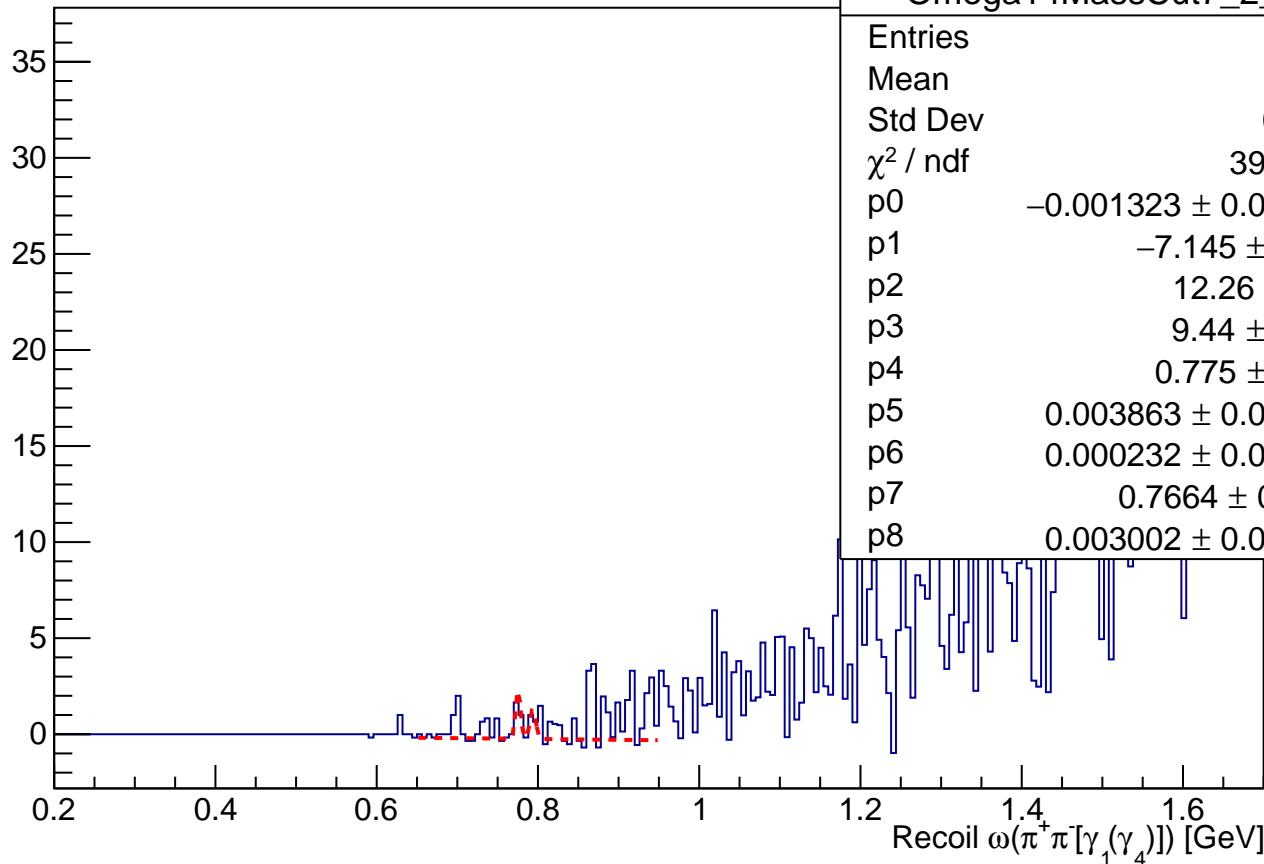


Omega14MassCut7_2_17

Entries	53117
Mean	1.427
Std Dev	0.2126
χ^2 / ndf	72.49 / 40
p0	-0.6612 ± 1.9995
p1	-8.048 ± 2.000
p2	-10.31 ± 2.00
p3	1.227 ± 0.820
p4	0.8008 ± 0.0017
p5	0.004248 ± 0.001367
p6	0.04456 ± 0.04976
p7	0.7809 ± 0.0022
p8	0.004439 ± 0.002491

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $50.00 < \theta < 60.00$

Counts / 1.5MeV

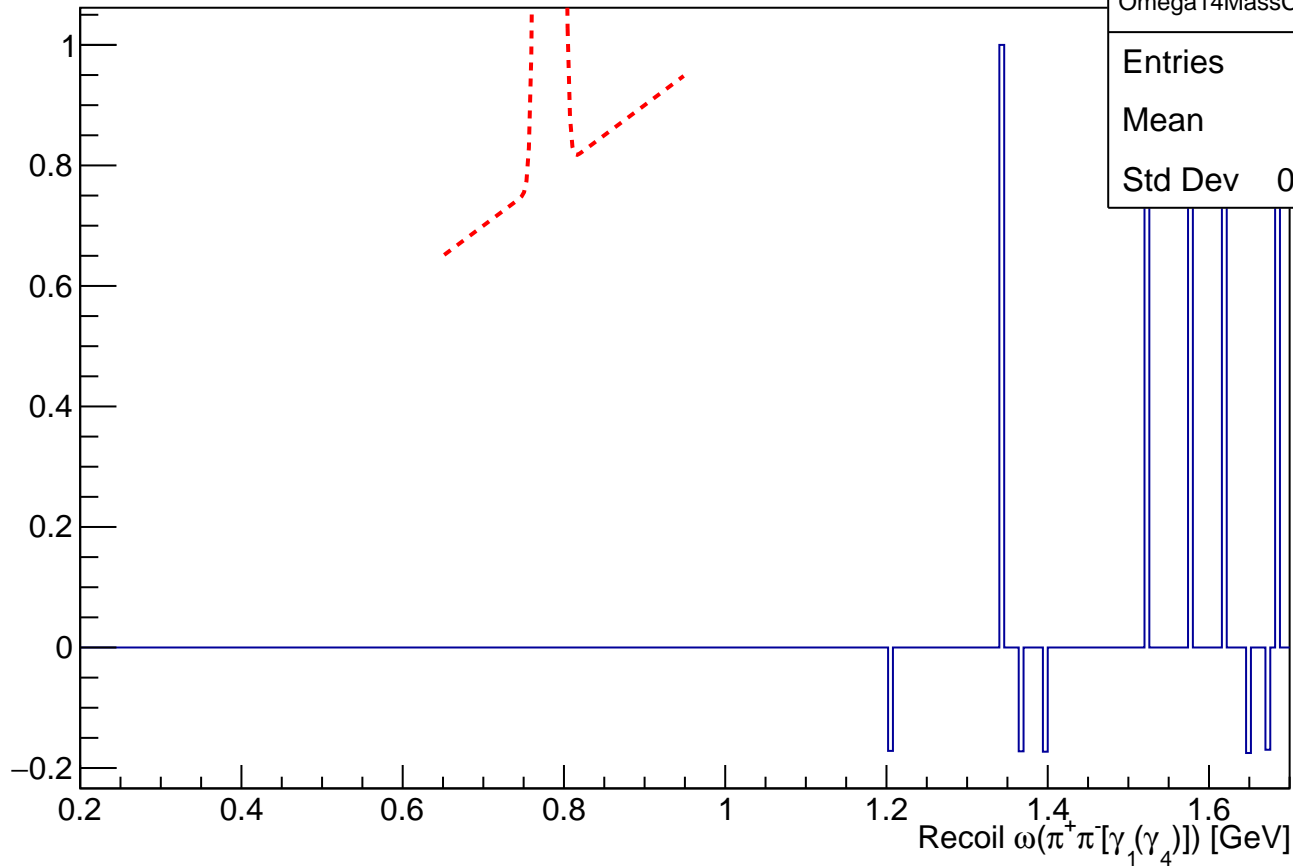


Omega14MassCut7_2_18

Entries	30057
Mean	1.453
Std Dev	0.2041
χ^2 / ndf	39.8 / 33
p0	-0.001323 ± 0.002242
p1	-7.145 ± 4.725
p2	12.26 ± 5.03
p3	9.44 ± 10.24
p4	0.775 ± 0.003
p5	0.003863 ± 0.002852
p6	0.000232 ± 0.000492
p7	0.7664 ± 0.0060
p8	0.003002 ± 0.002565

$\gamma_4(\text{BCAL})$ $1.00 < E < 3.00$ [GeV]: $60.00 < \theta < 80.00$

Counts / 1.5MeV



Omega14MassCut7_2_19

Entries 50

Mean 1.568

Std Dev 0.08494