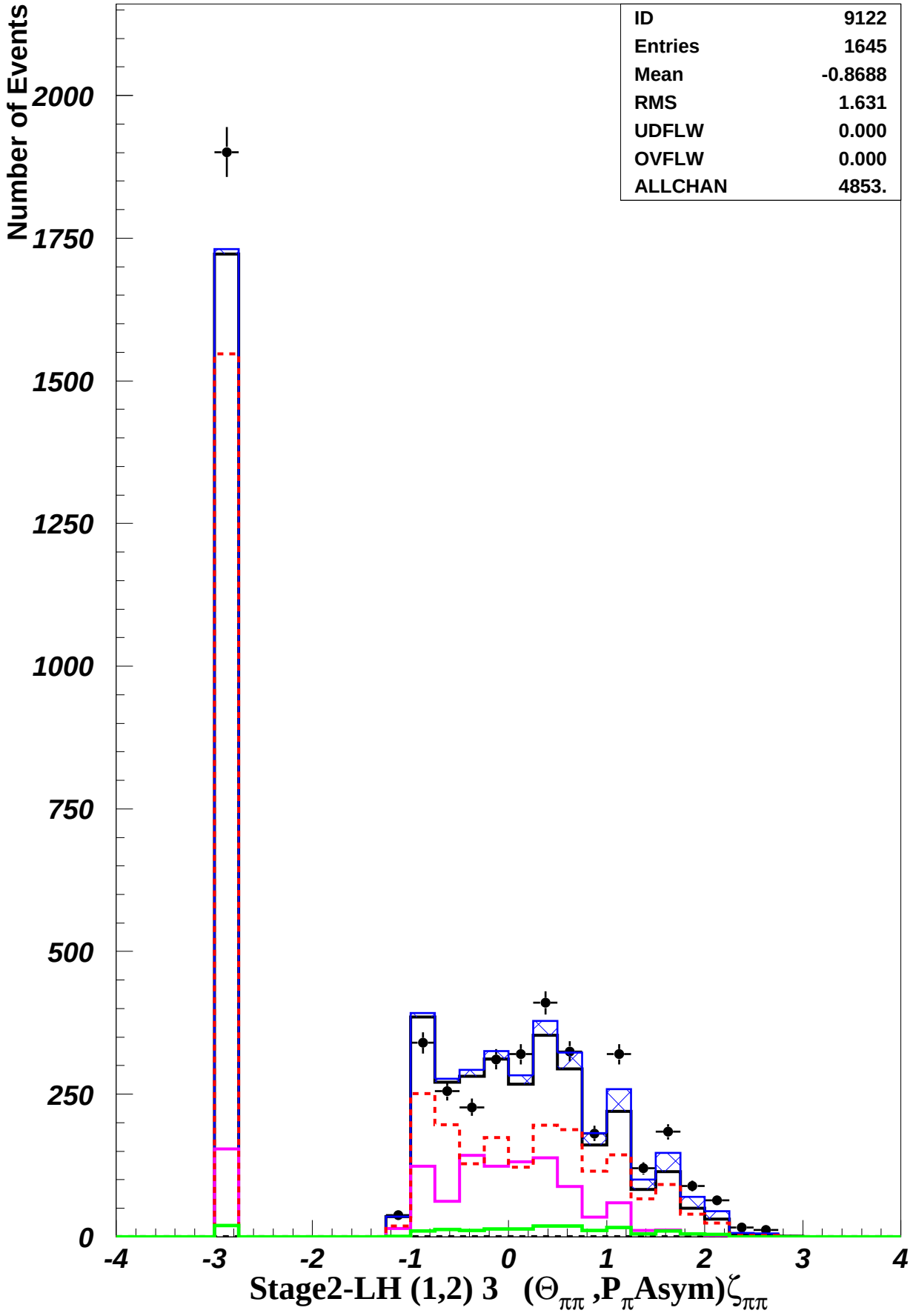
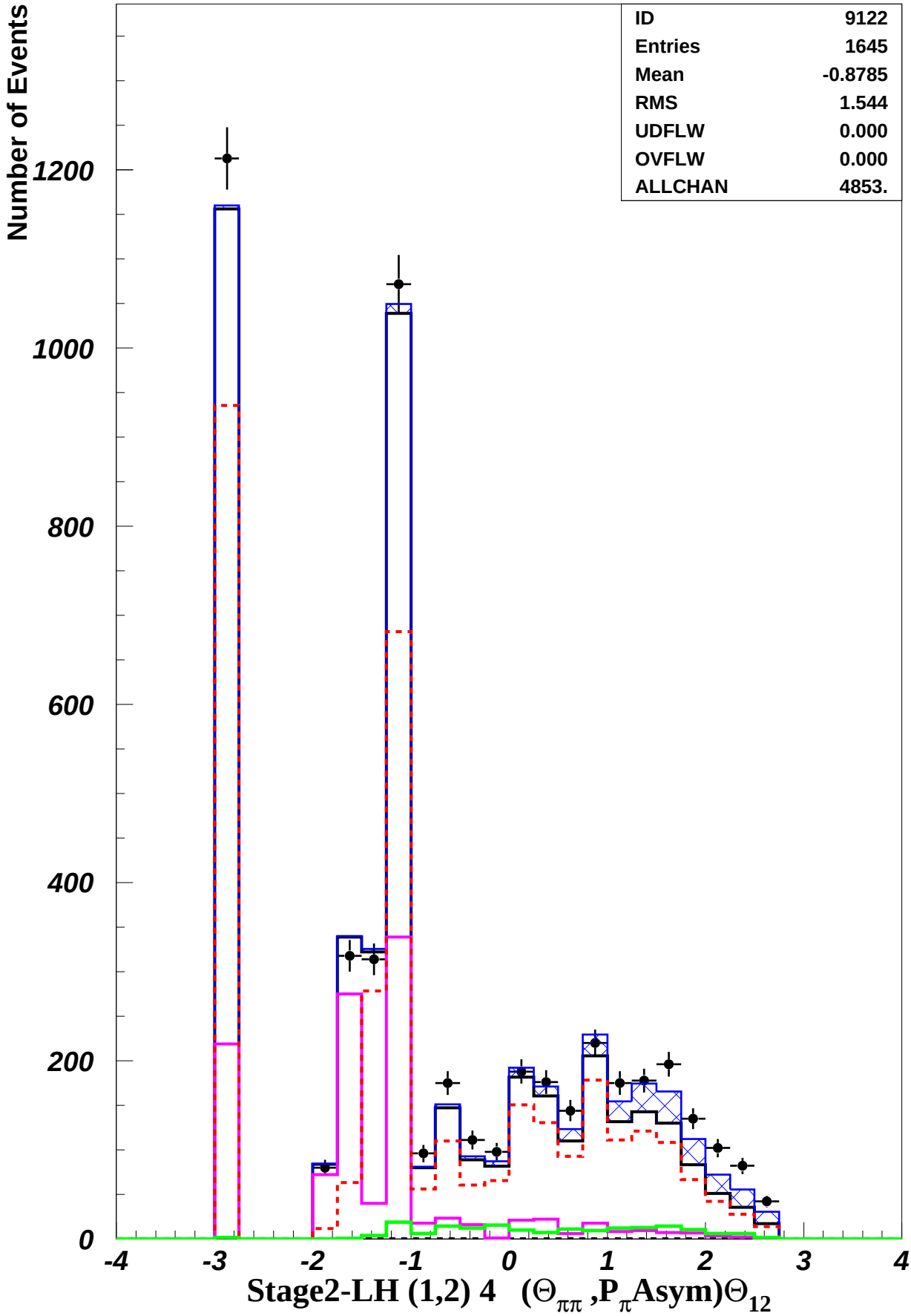
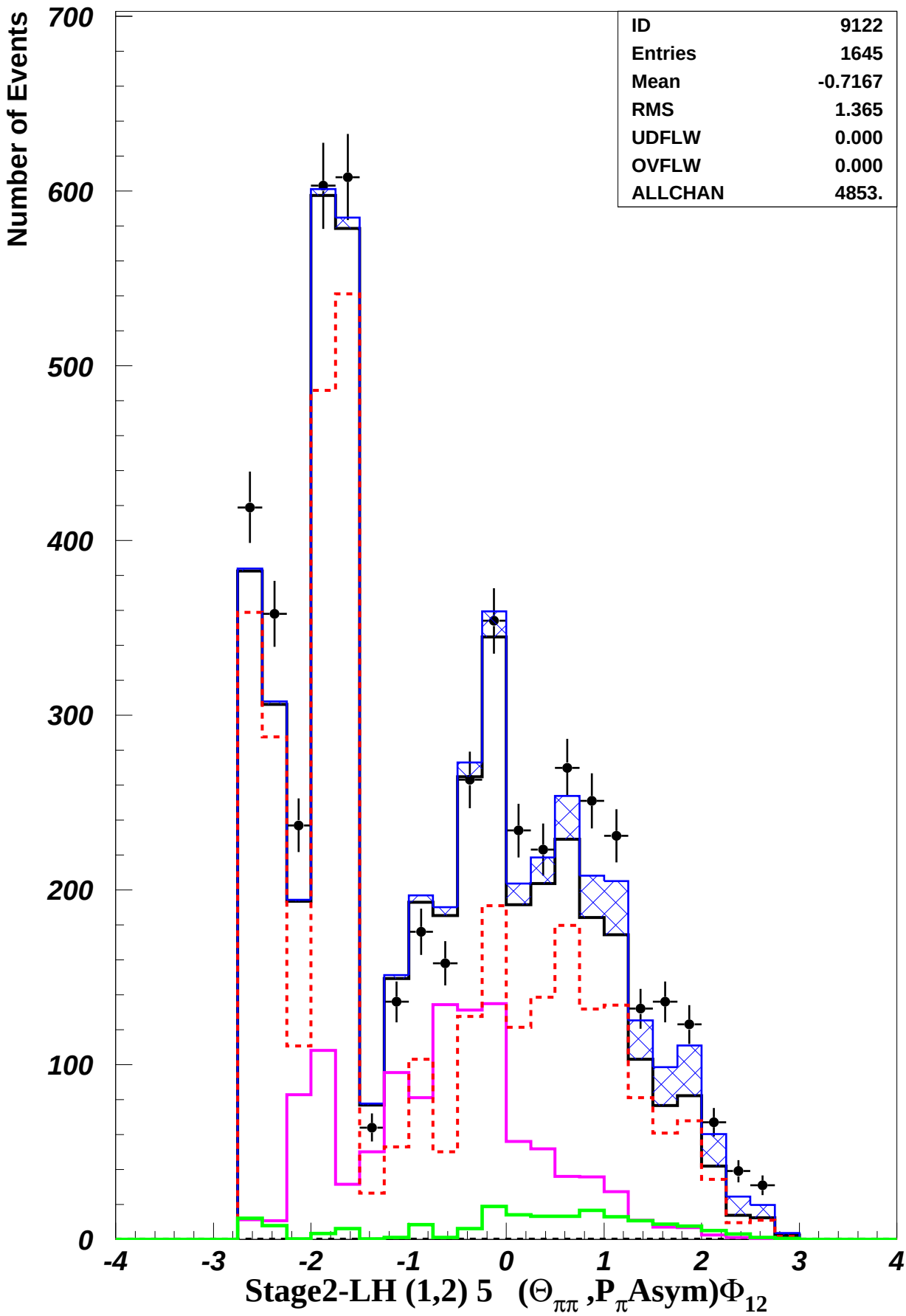
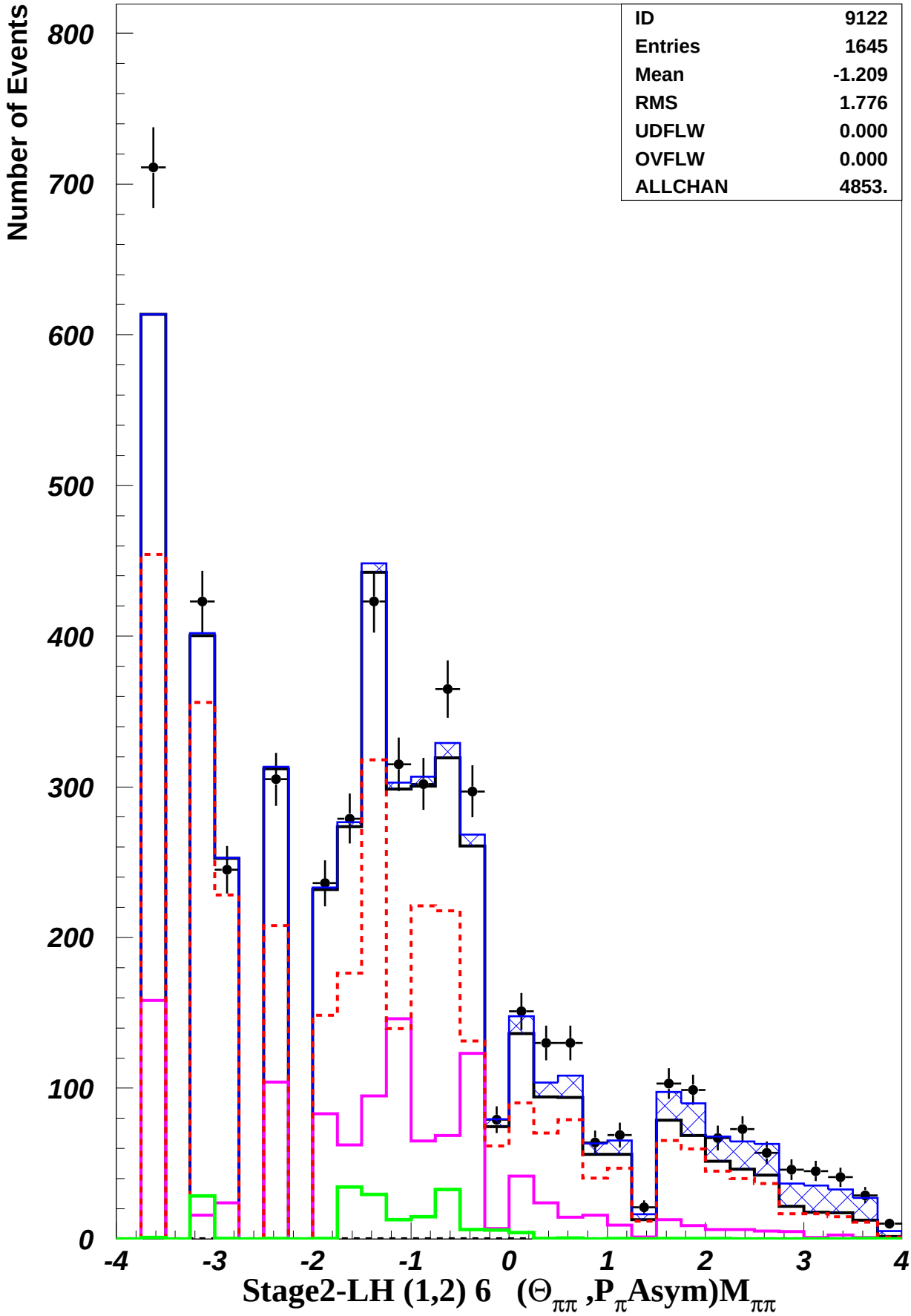
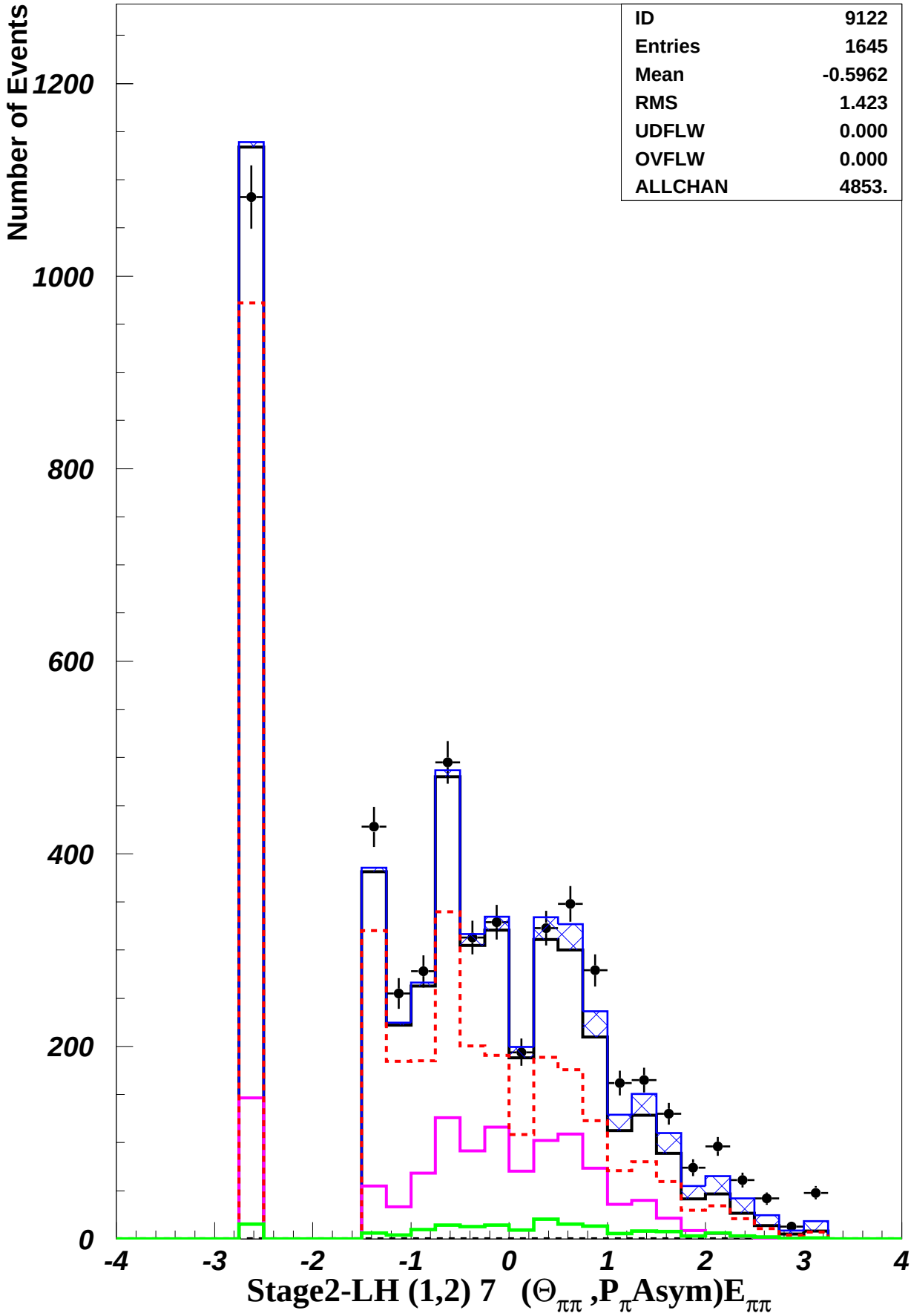
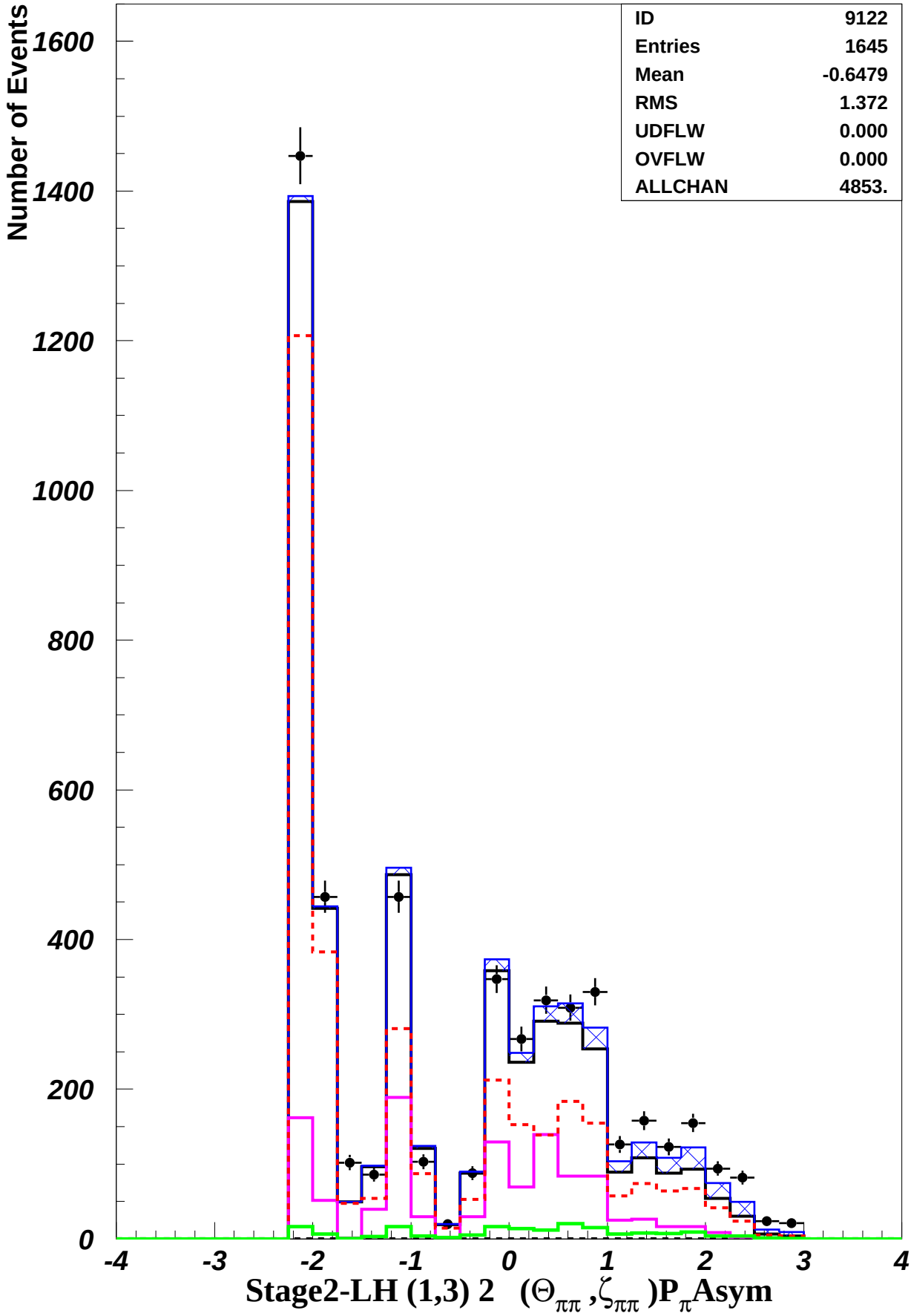

ID 9122
Entries 1645
Mean -0.8688
RMS 1.631
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
2000
1750
1500
1250
1000
750
500
250
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,2) 3 (Θππ ,Pπ Asym)ζππ

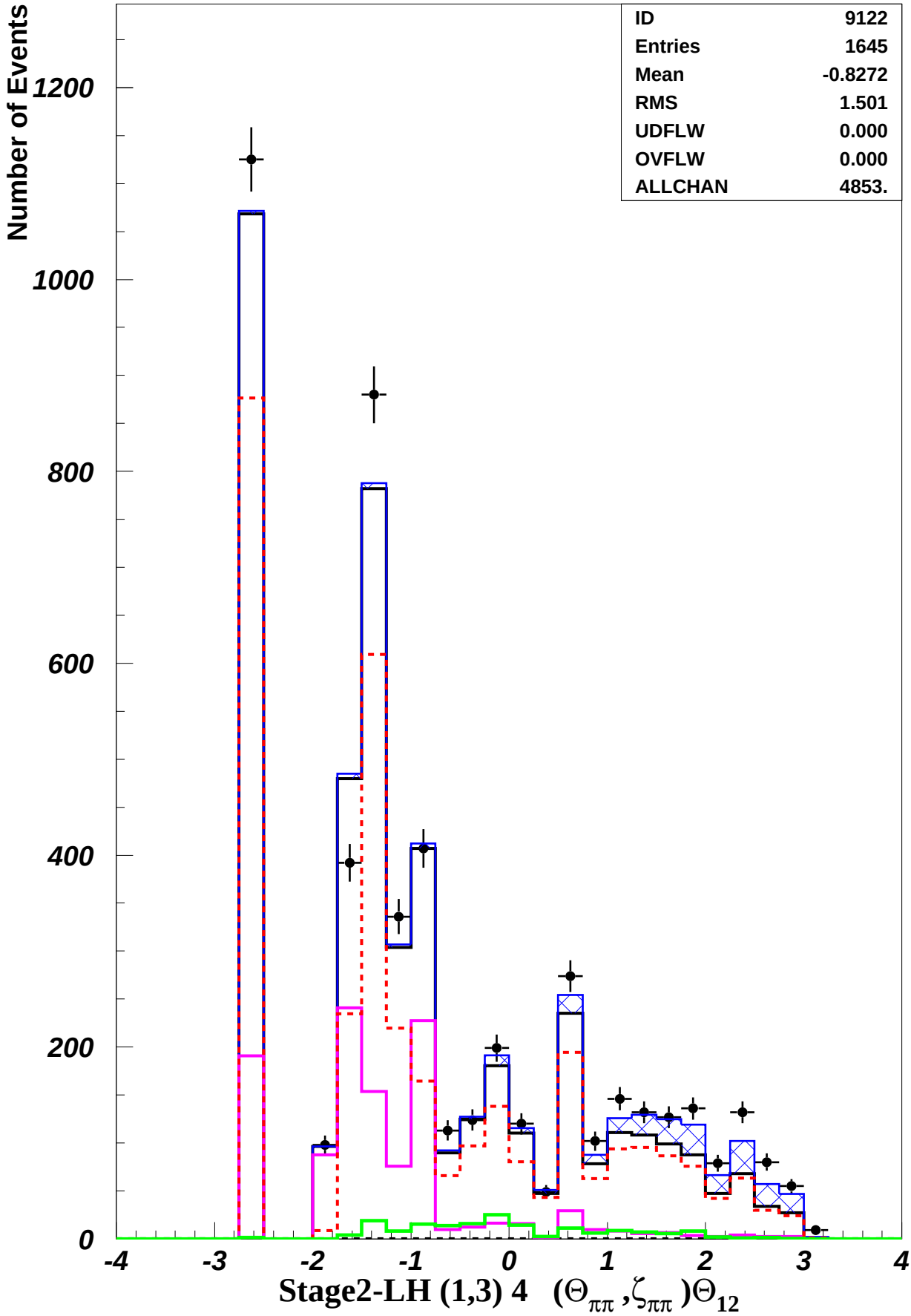

ID 9122
Entries 1645
Mean -0.8785
RMS 1.544
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,2) 4 ($\Theta_{\pi\pi}$,P_{π}Asym)Θ_{12}

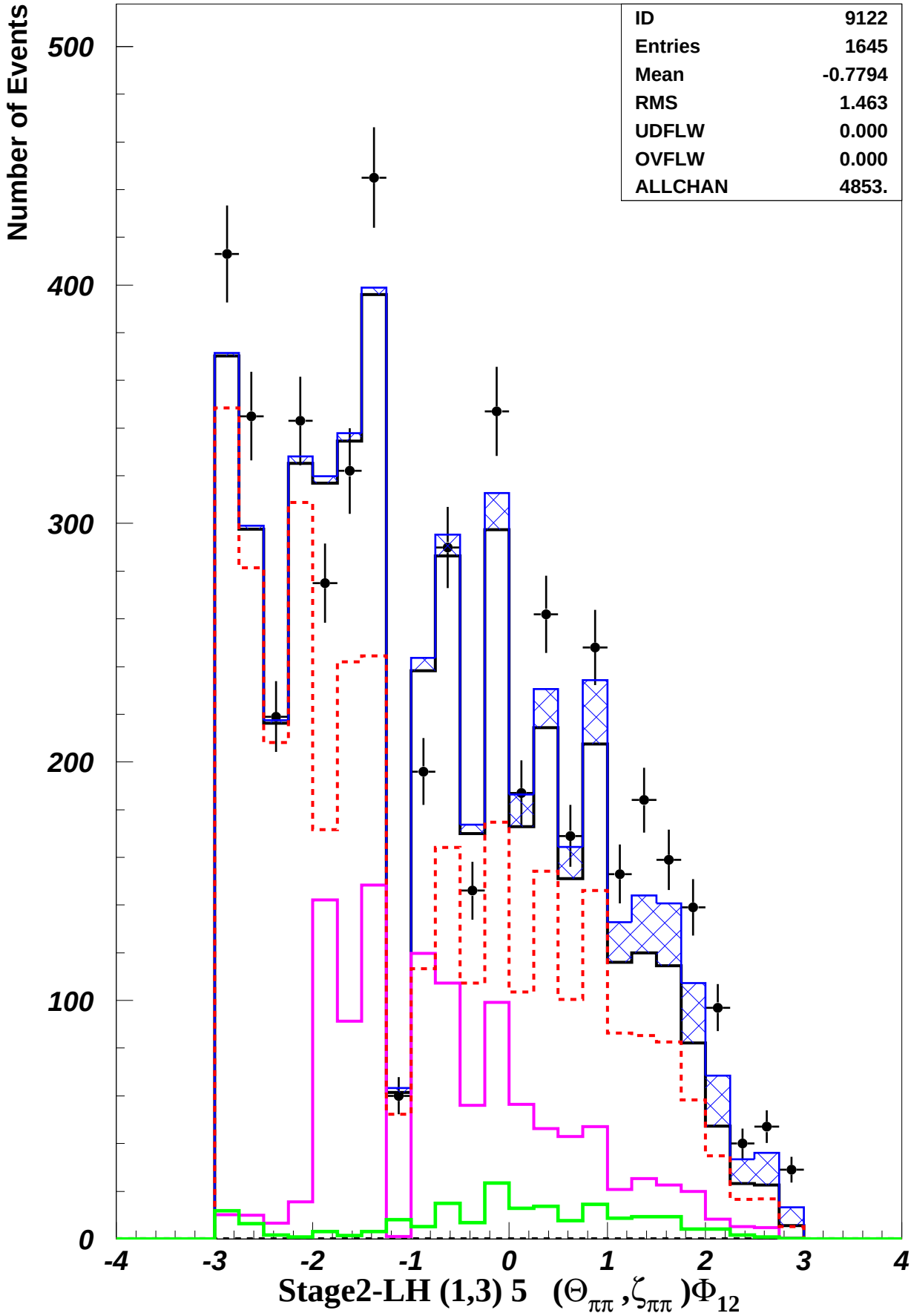

ID 9122
Entries 1645
Mean -0.7167
RMS 1.365
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,2) 5 $(\Theta_{\pi\pi}, P_{\pi}Asym)\Phi_{12}$

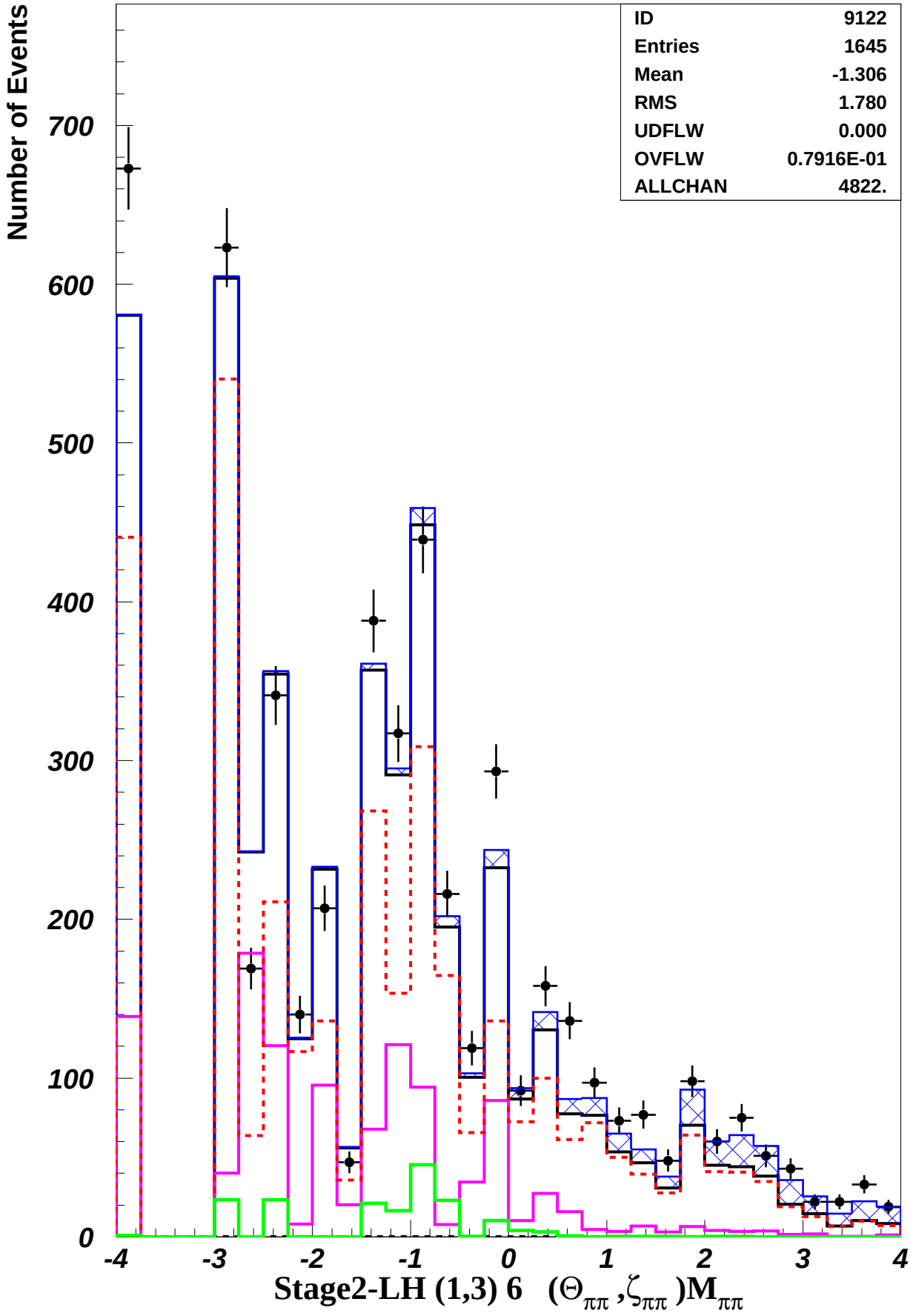

ID 9122
Entries 1645
Mean -1.209
RMS 1.776
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,2) 6 (Θππ ,Pπ Asym)Mππ

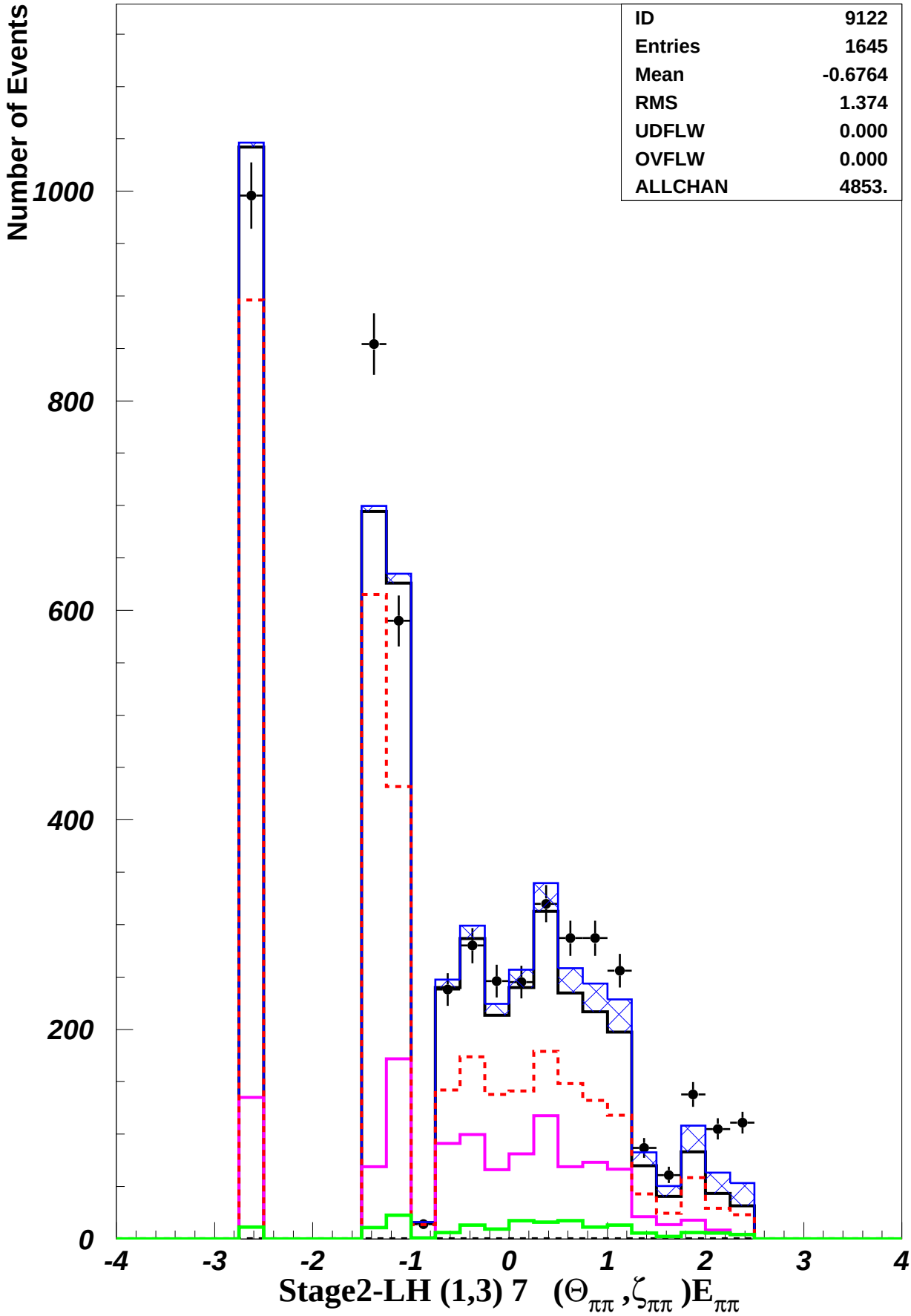

ID 9122
Entries 1645
Mean -0.5962
RMS 1.423
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,2) 7 (Θππ ,Pπ Asym)Eππ

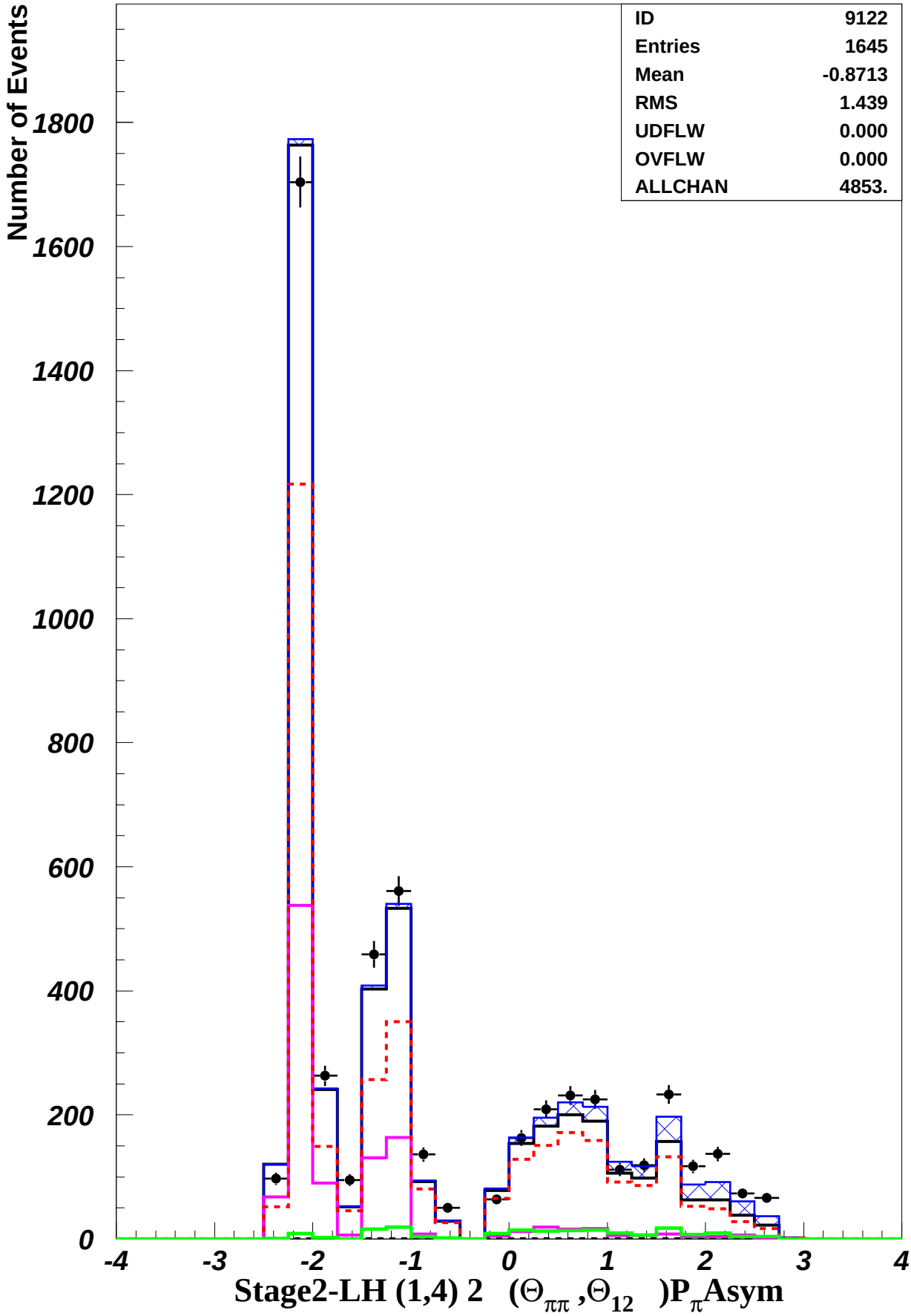

ID 9122
Entries 1645
Mean -0.6479
RMS 1.372
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1600
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,3) 2 $(\Theta_{\pi\pi}, \zeta_{\pi\pi})P_{\pi}$Asym

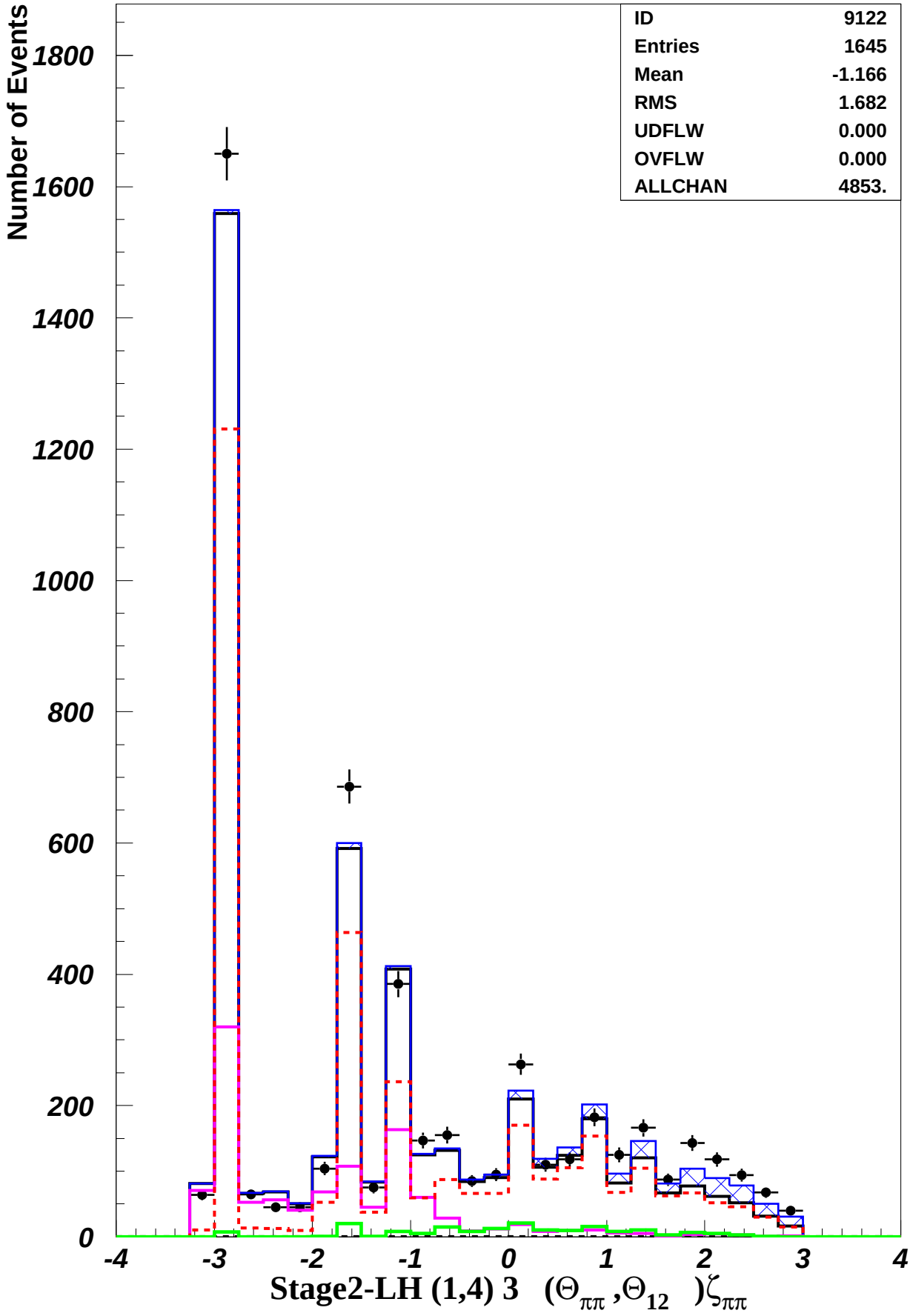

ID 9122
Entries 1645
Mean -0.8272
RMS 1.501
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,3) 4 $(\Theta_{\pi\pi}, \zeta_{\pi\pi})\Theta_{12}$

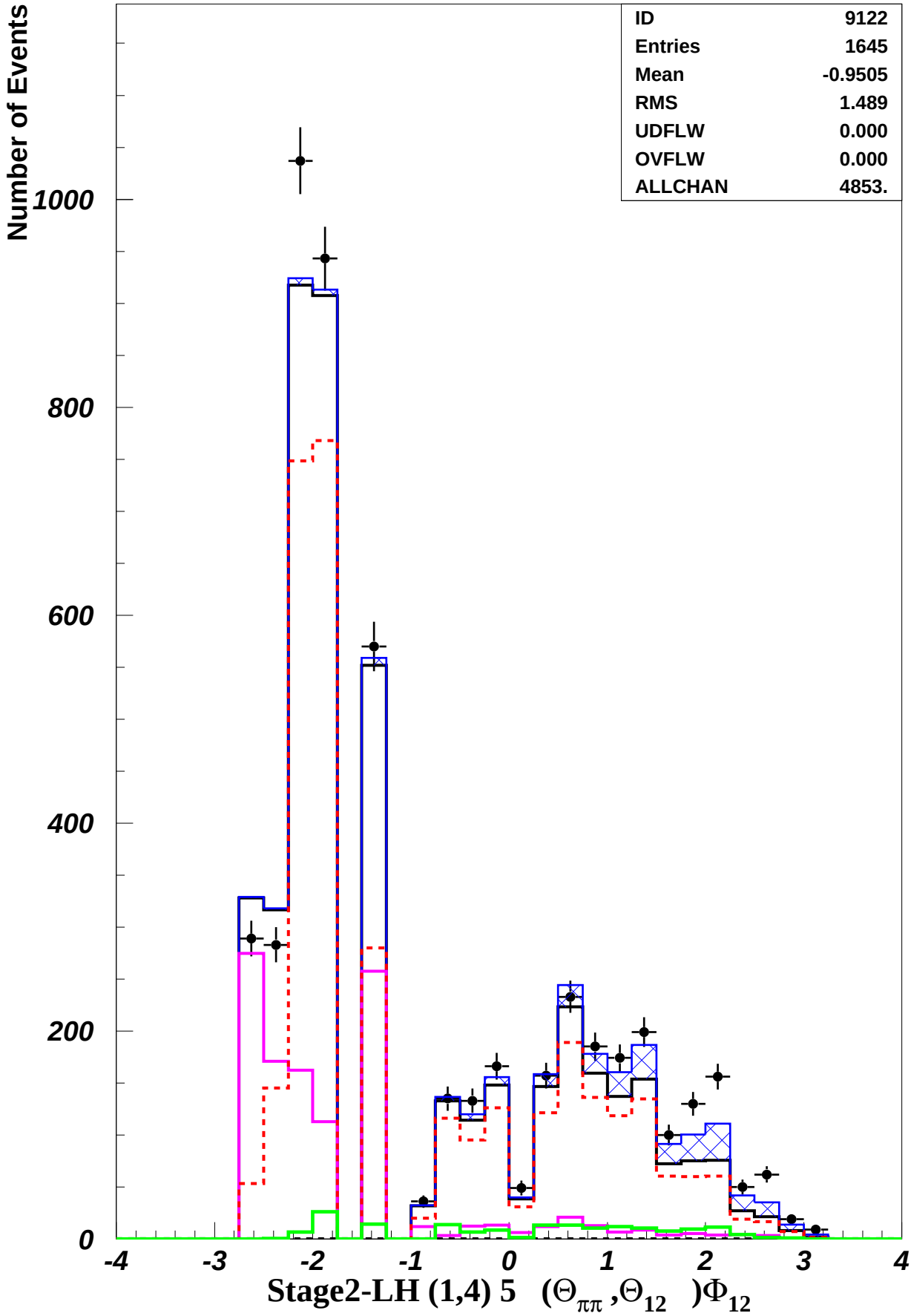

ID 9122
Entries 1645
Mean -0.7794
RMS 1.463
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,3) 5 $(\Theta_{\pi\pi}, \zeta_{\pi\pi})\Phi_{12}$

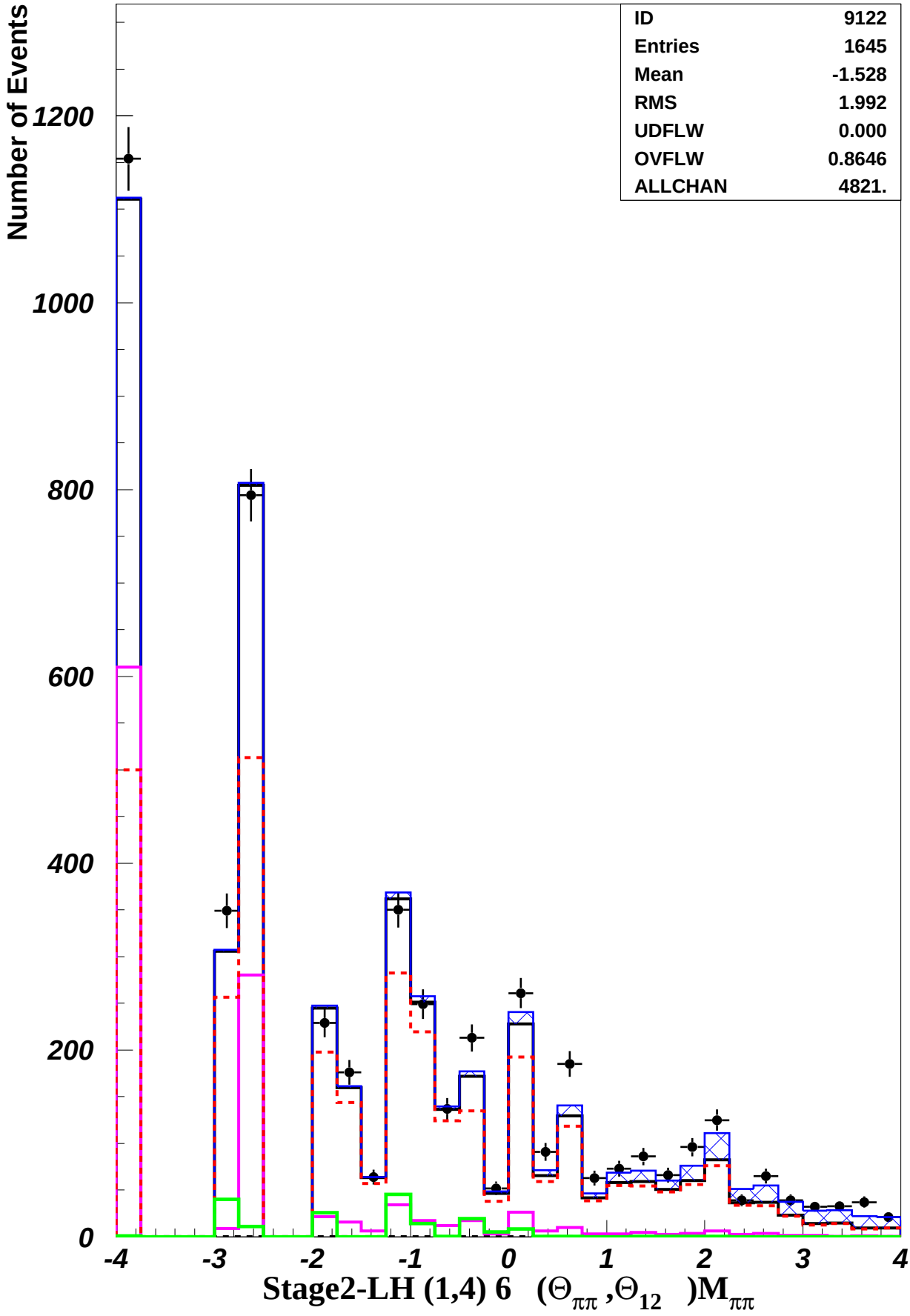

ID 9122
Entries 1645
Mean -1.306
RMS 1.780
UDFLW 0.000
OVFLW 0.7916E-01
ALLCHAN 4822.
Number of Events
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,3) 6 $(\Theta_{\pi\pi}, \zeta_{\pi\pi})M_{\pi\pi}$

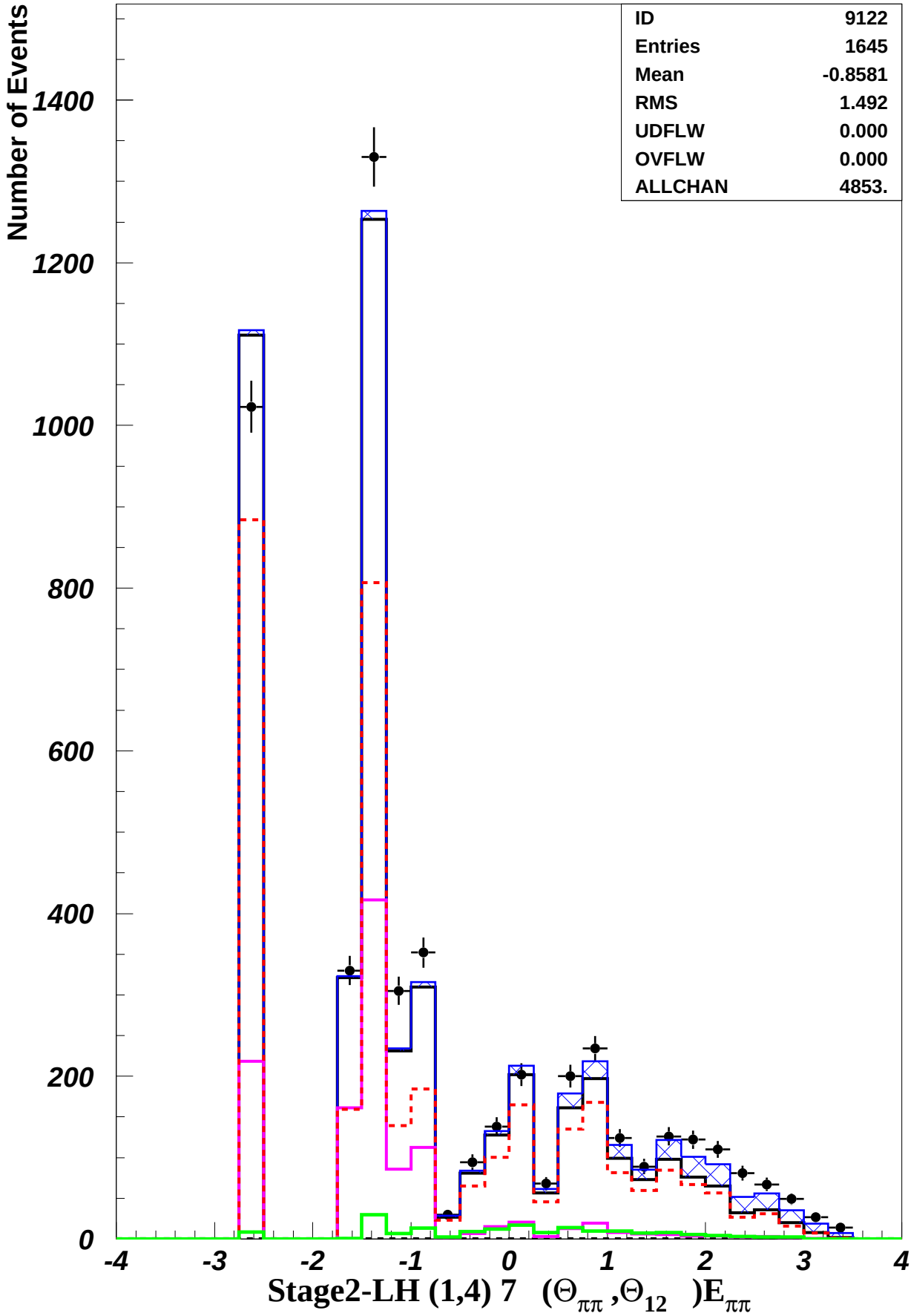

ID 9122
Entries 1645
Mean -0.6764
RMS 1.374
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,3) 7 $(\Theta_{\pi\pi}, \zeta_{\pi\pi})E_{\pi\pi}$

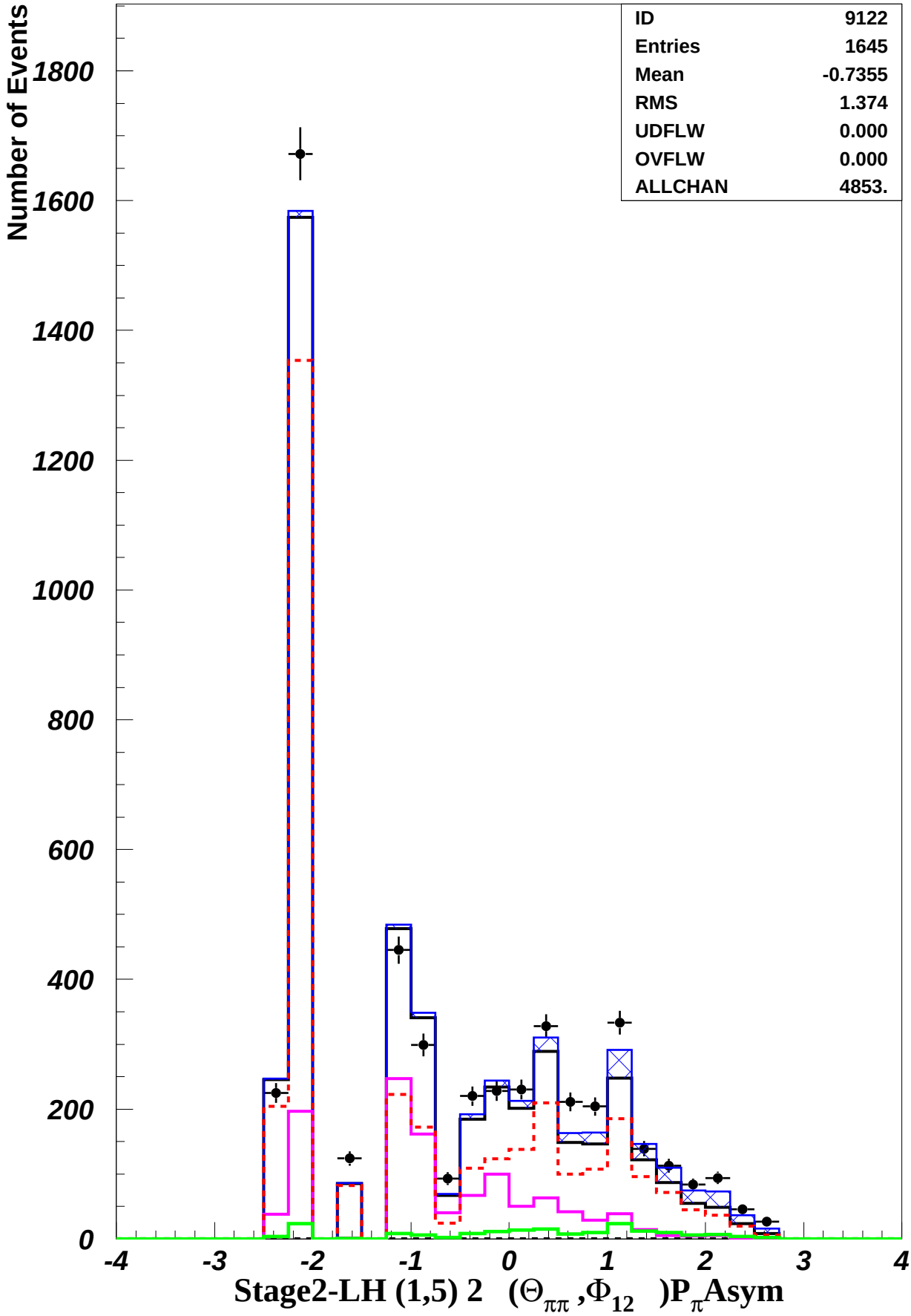

ID 9122
Entries 1645
Mean -0.8713
RMS 1.439
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,4) 2 (Θππ ,Θ12)Pπ Asym

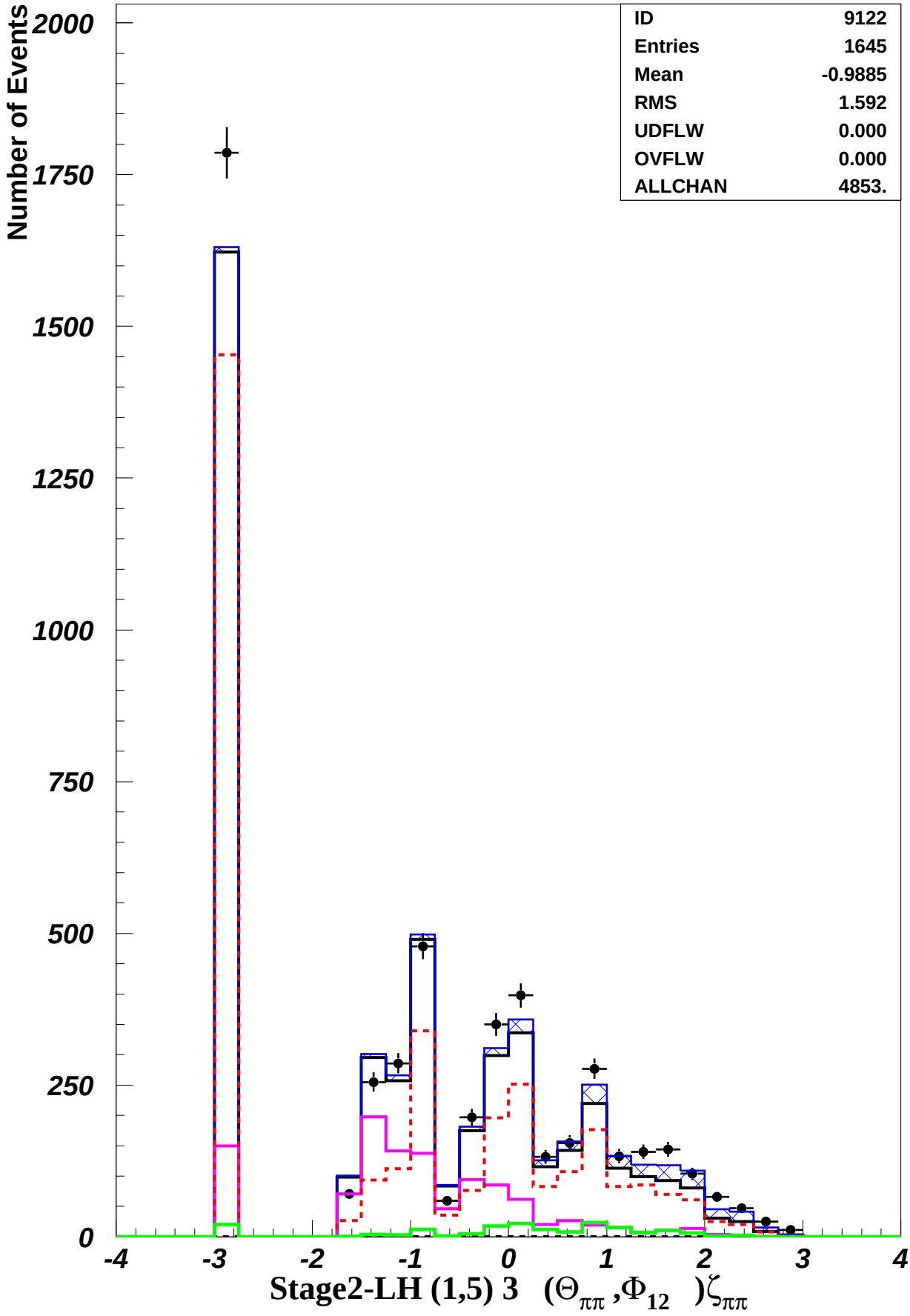

ID 9122
Entries 1645
Mean -1.166
RMS 1.682
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1800
1600
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,4) 3 $(\Theta_{\pi\pi}, \Theta_{12})\zeta_{\pi\pi}$

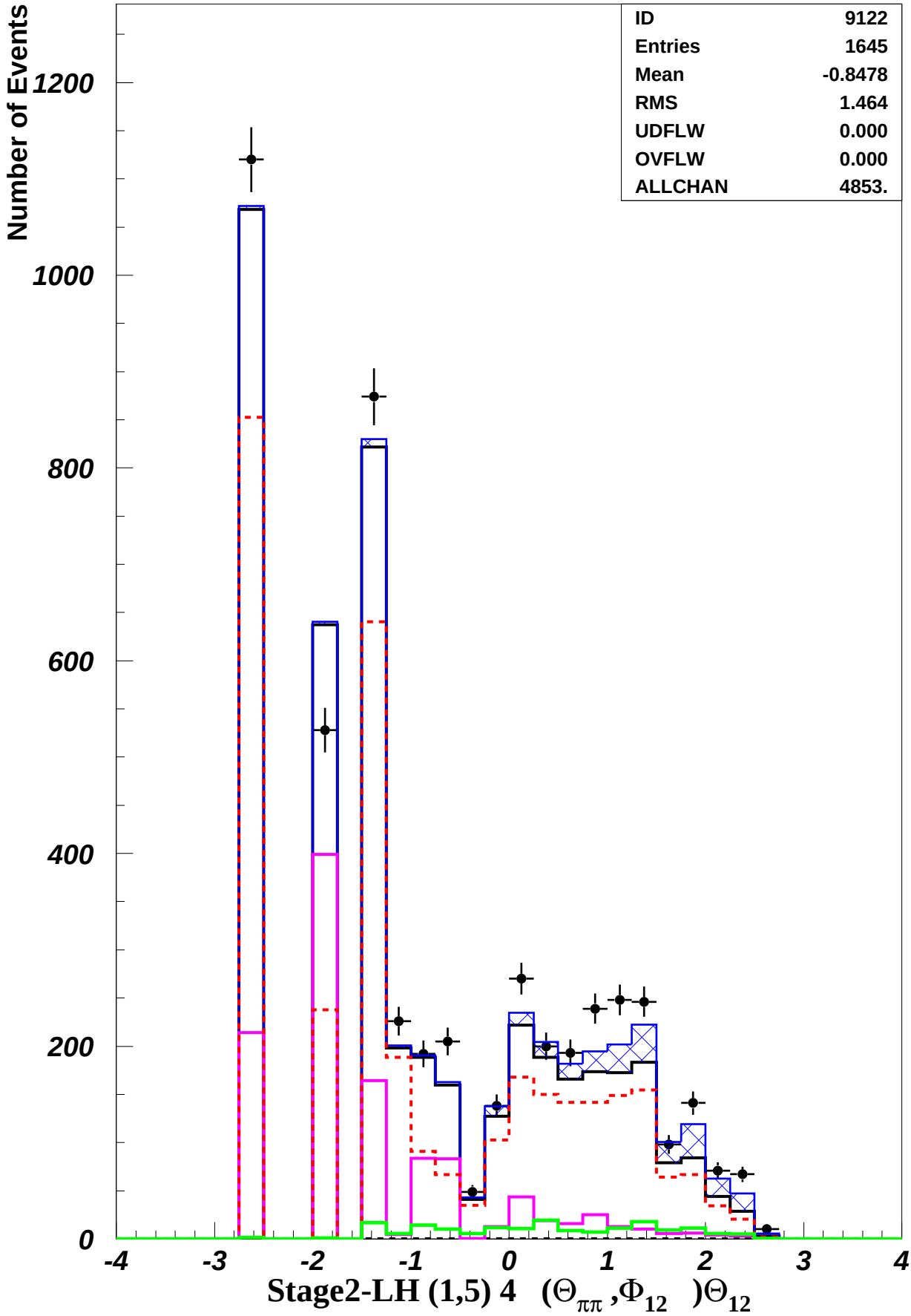

ID 9122
Entries 1645
Mean -0.9505
RMS 1.489
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,4) 5 $(\Theta_{\pi\pi}, \Theta_{12})\Phi_{12}$

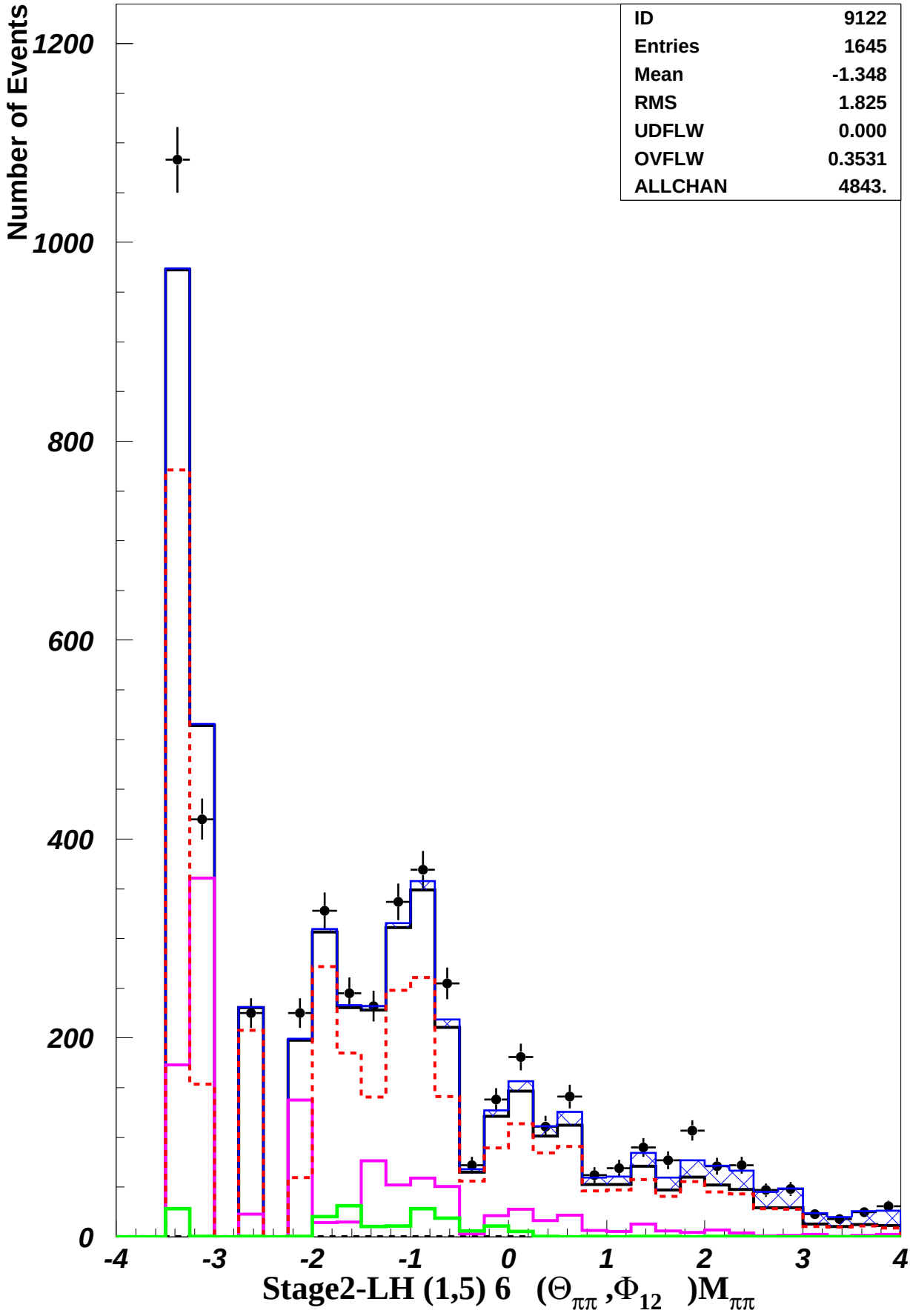

ID 9122
Entries 1645
Mean -1.528
RMS 1.992
UDFLW 0.000
OVFLW 0.8646
ALLCHAN 4821.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,4) 6 $(\Theta_{\pi\pi}, \Theta_{12})M_{\pi\pi}$

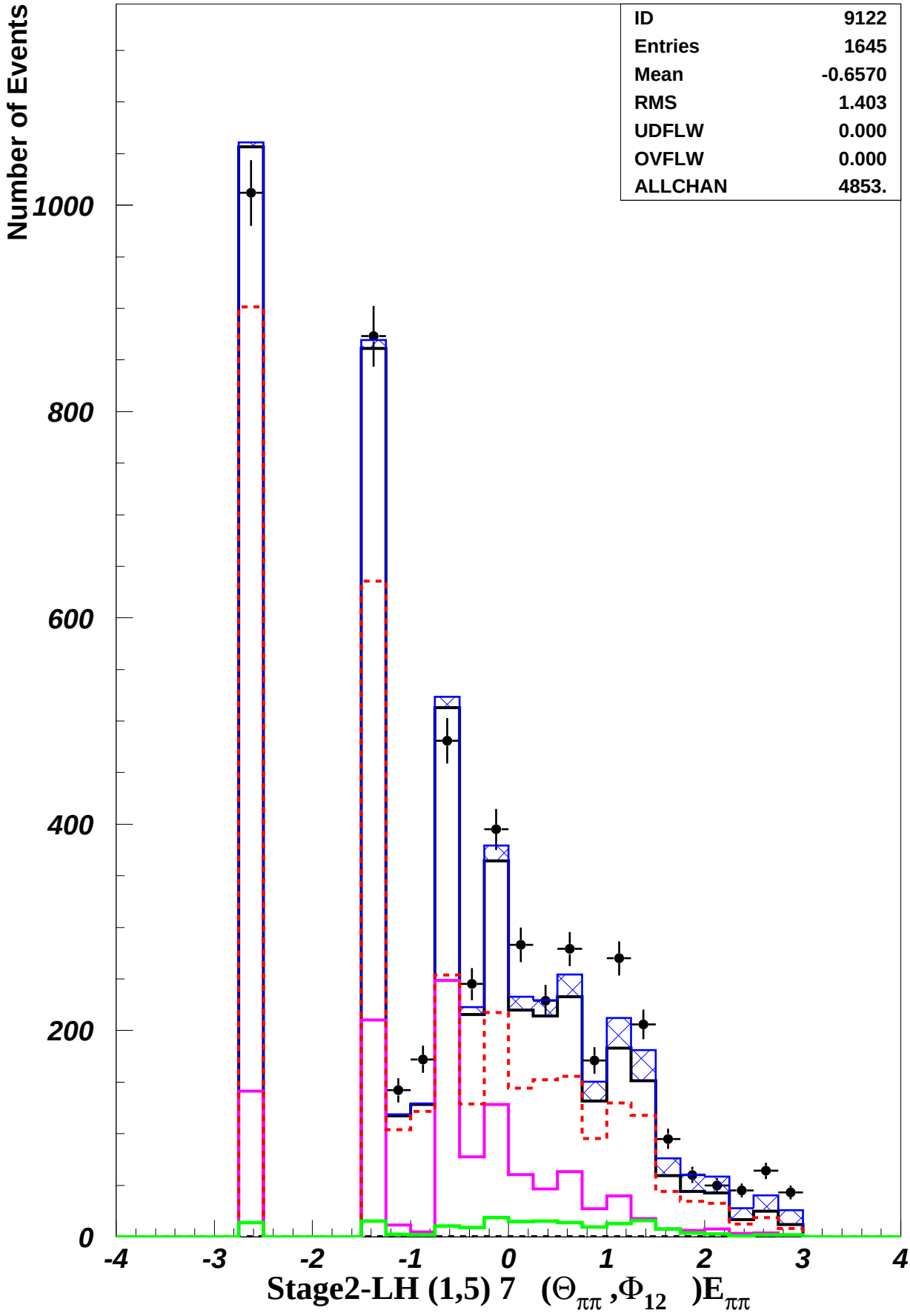

ID 9122
Entries 1645
Mean -0.8581
RMS 1.492
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,4) 7 $(\Theta_{\pi\pi}, \Theta_{12})E_{\pi\pi}$

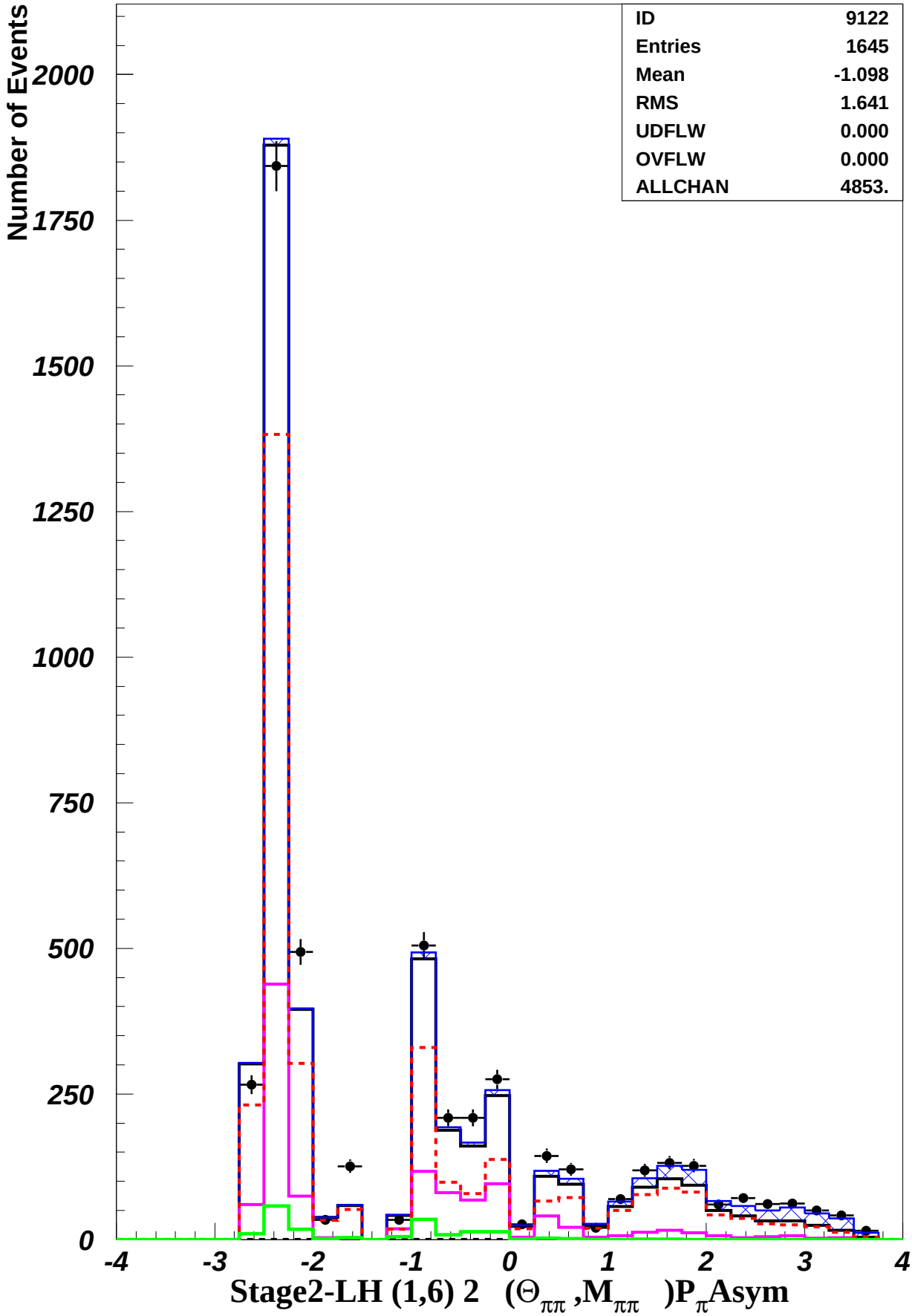

ID 9122
Entries 1645
Mean -0.7355
RMS 1.374
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,5) 2 (Θ$_{\pi\pi}$,Φ$_{12}$)P$_{\pi}$Asym

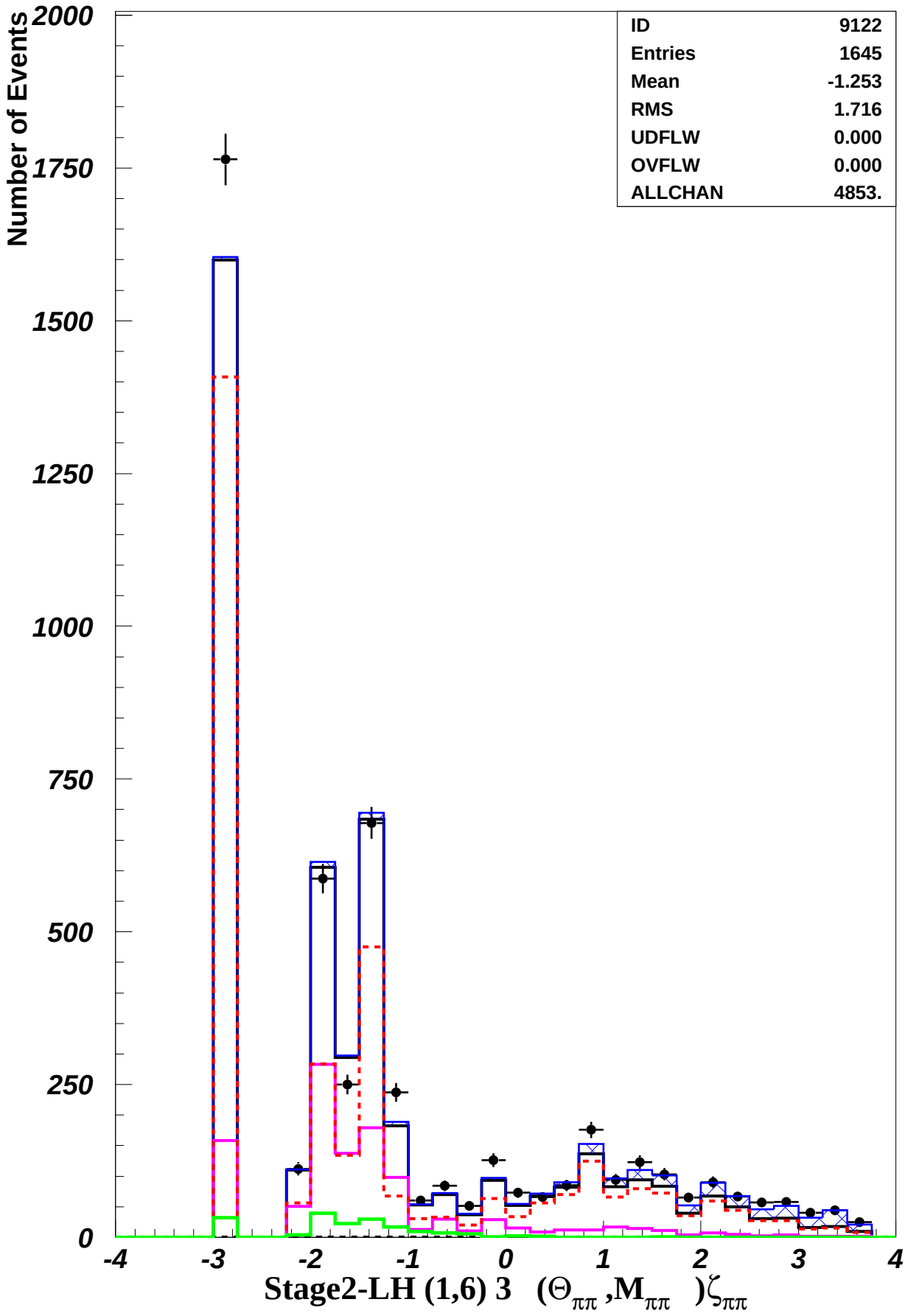

ID 9122
Entries 1645
Mean -0.9885
RMS 1.592
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
2000
1750
1500
1250
1000
750
500
250
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,5) 3 $(\Theta_{\pi\pi}, \Phi_{12})\zeta_{\pi\pi}$

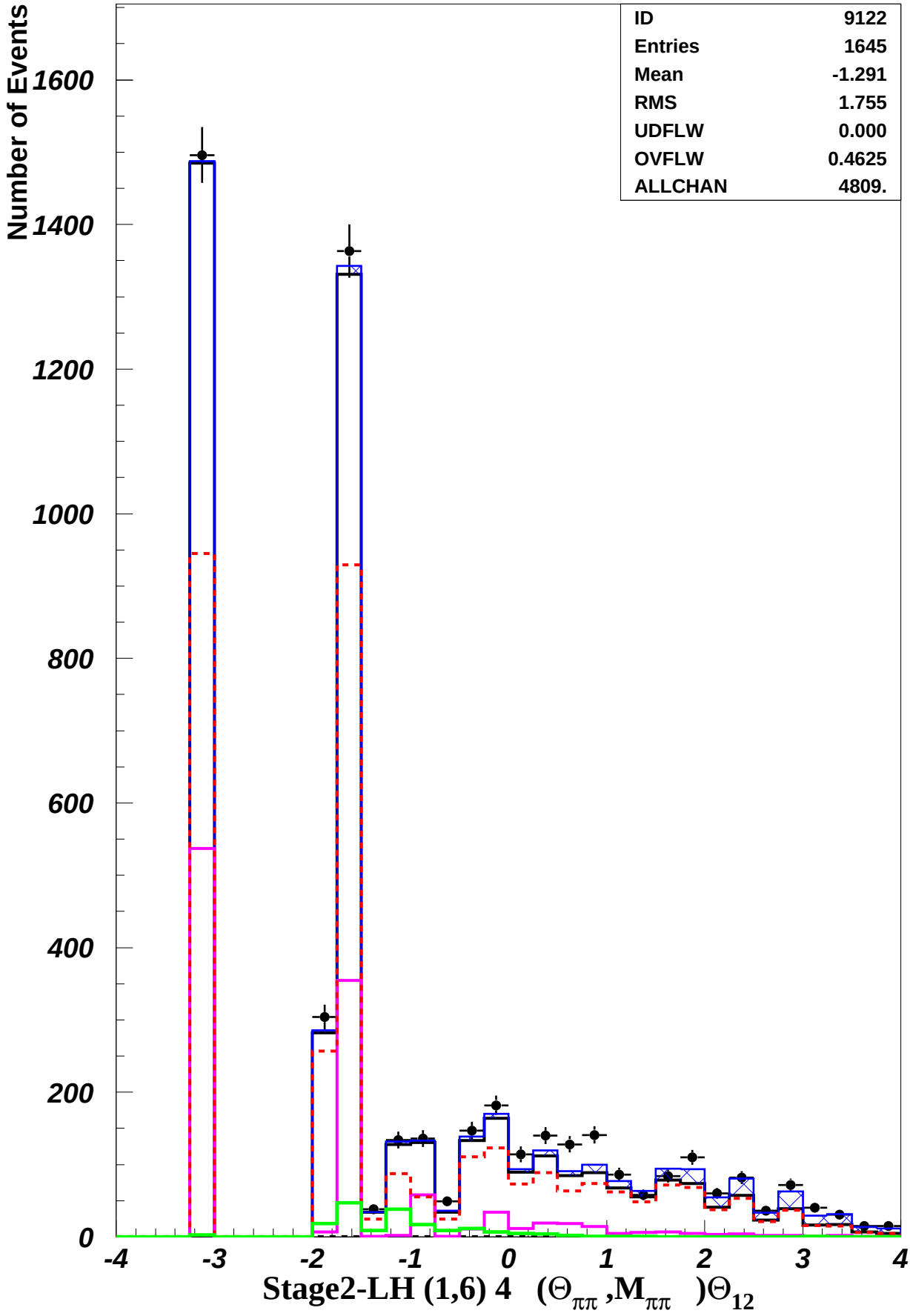

ID 9122
Entries 1645
Mean -0.8478
RMS 1.464
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,5) 4 (Θππ ,Φ12)Θ12

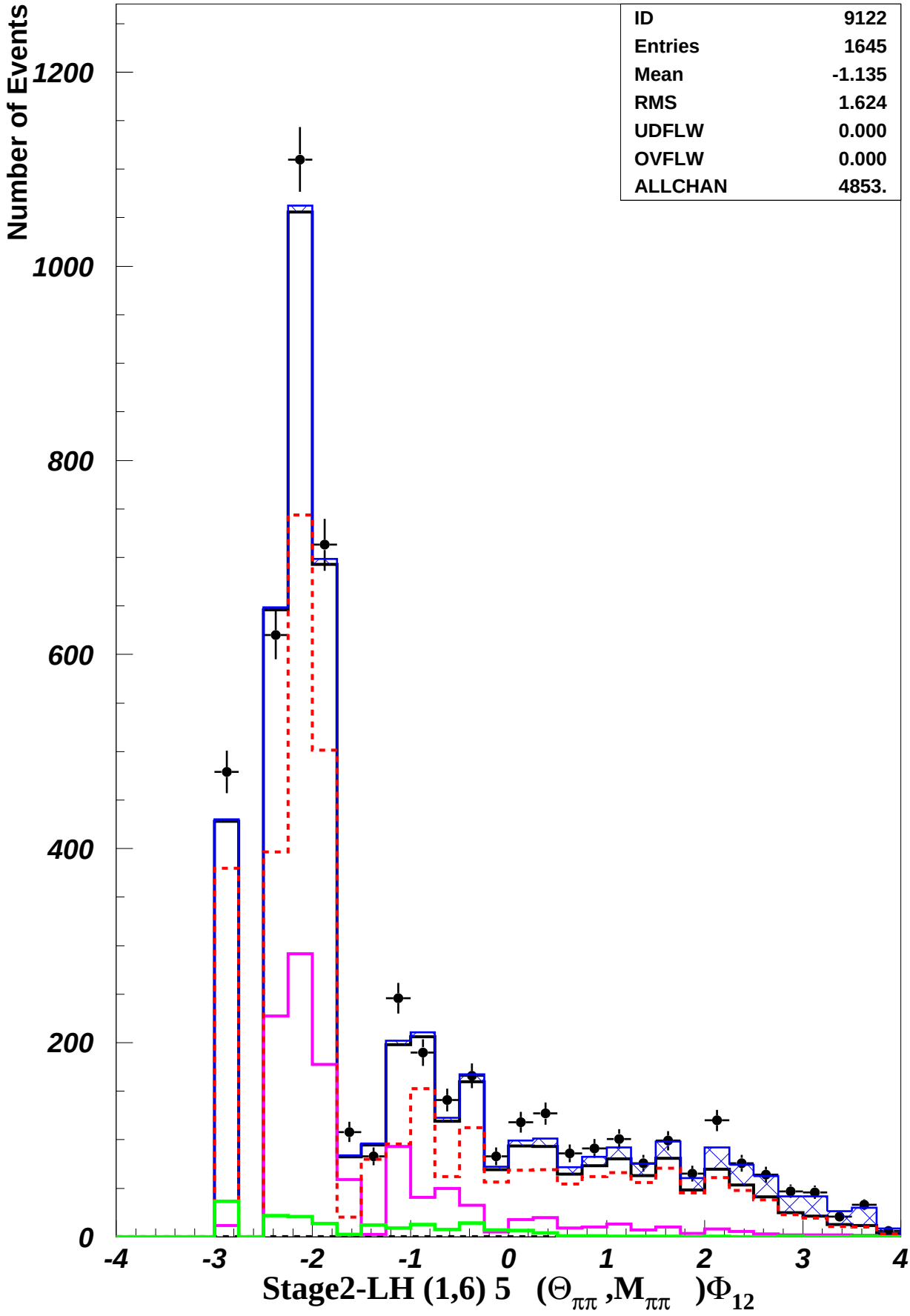

ID 9122
Entries 1645
Mean -1.348
RMS 1.825
UDFLW 0.000
OVFLW 0.3531
ALLCHAN 4843.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,5) 6 (Θππ ,Φ12)Mππ

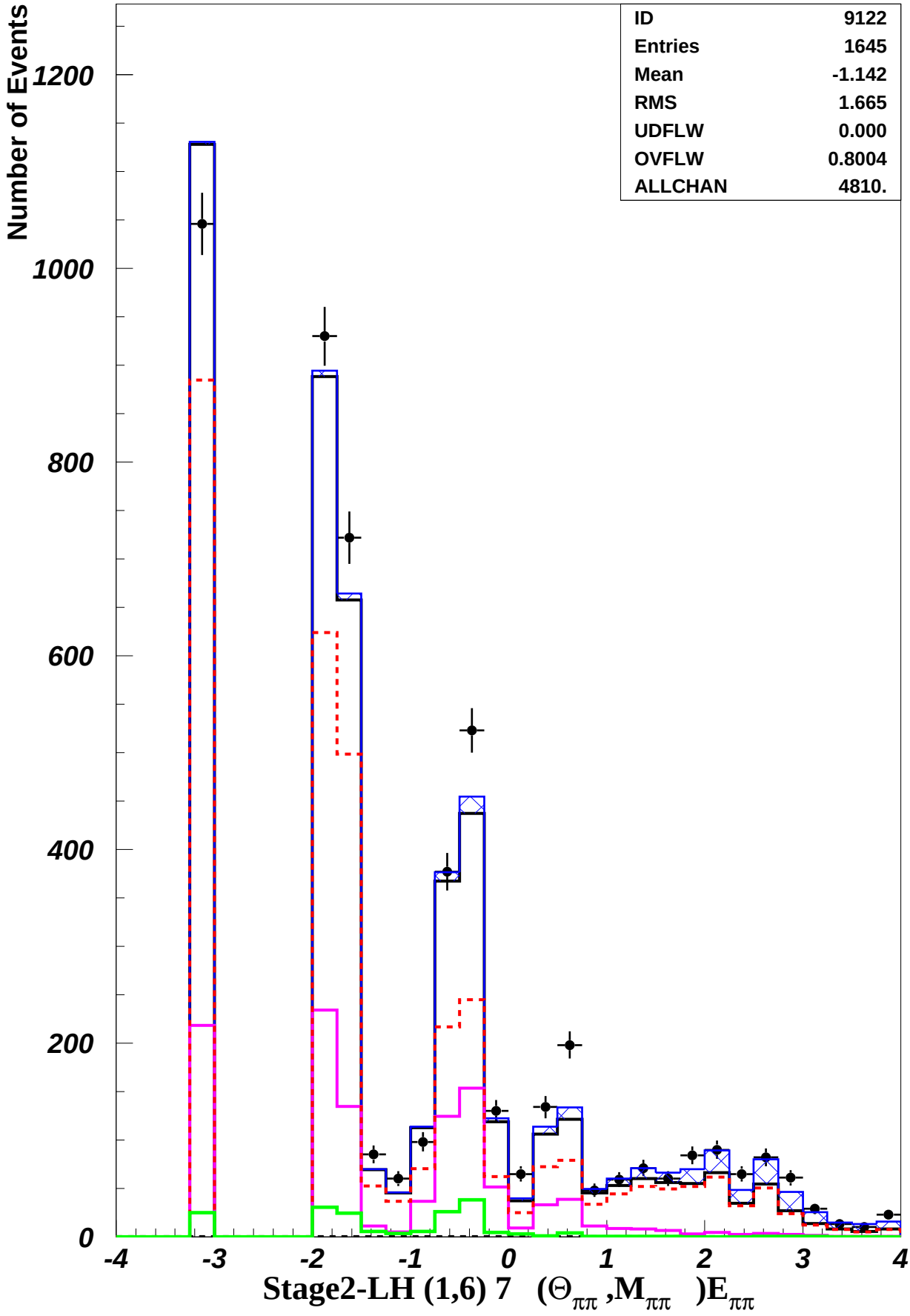

ID 9122
Entries 1645
Mean -0.6570
RMS 1.403
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,5) 7 $(\Theta_{\pi\pi}, \Phi_{12})E_{\pi\pi}$

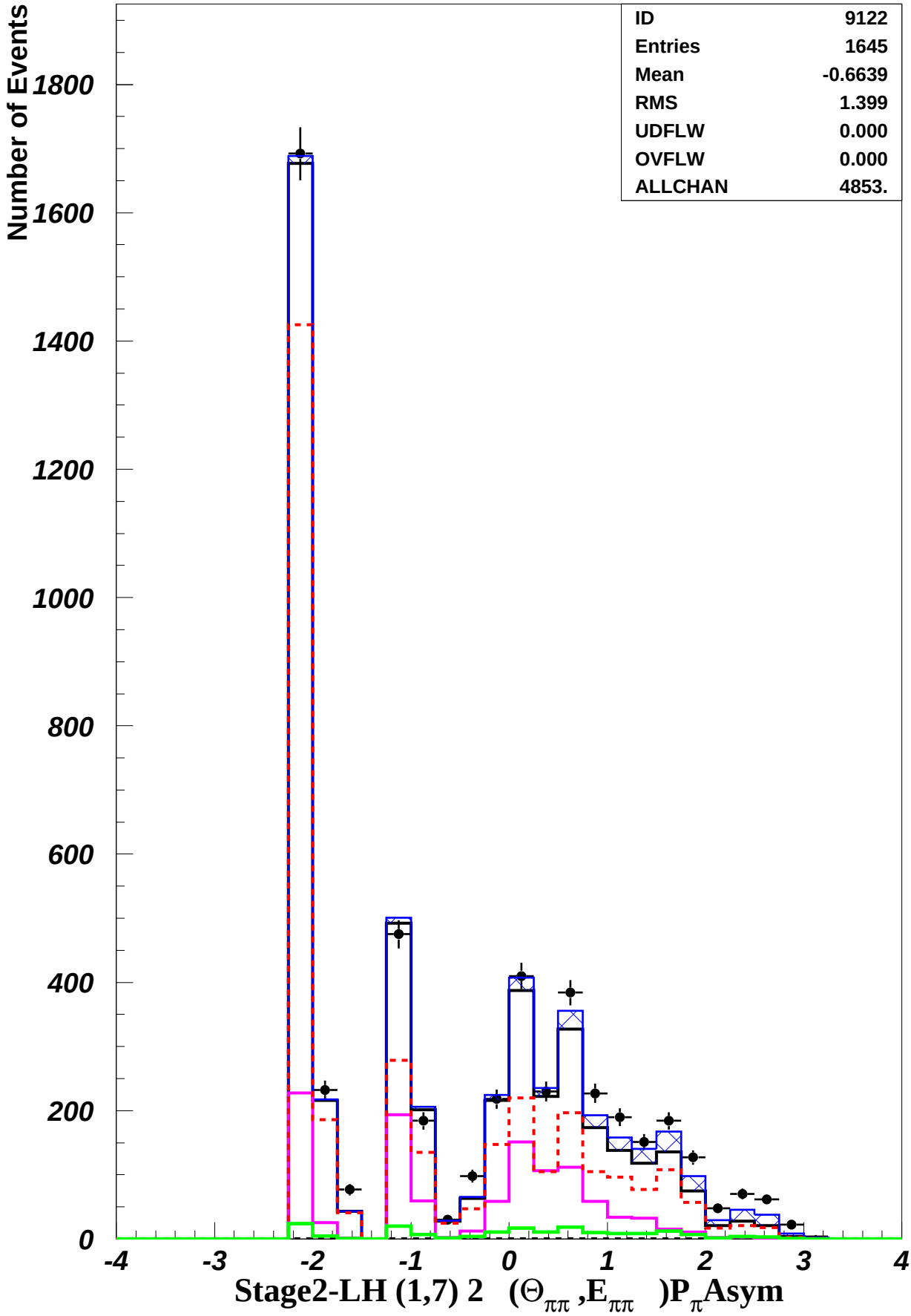

ID 9122
Entries 1645
Mean -1.098
RMS 1.641
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
2000
1750
1500
1250
1000
750
500
250
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,6) 2 (Θ$_{\pi\pi}$,M$_{\pi\pi}$)P$_{\pi}$Asym

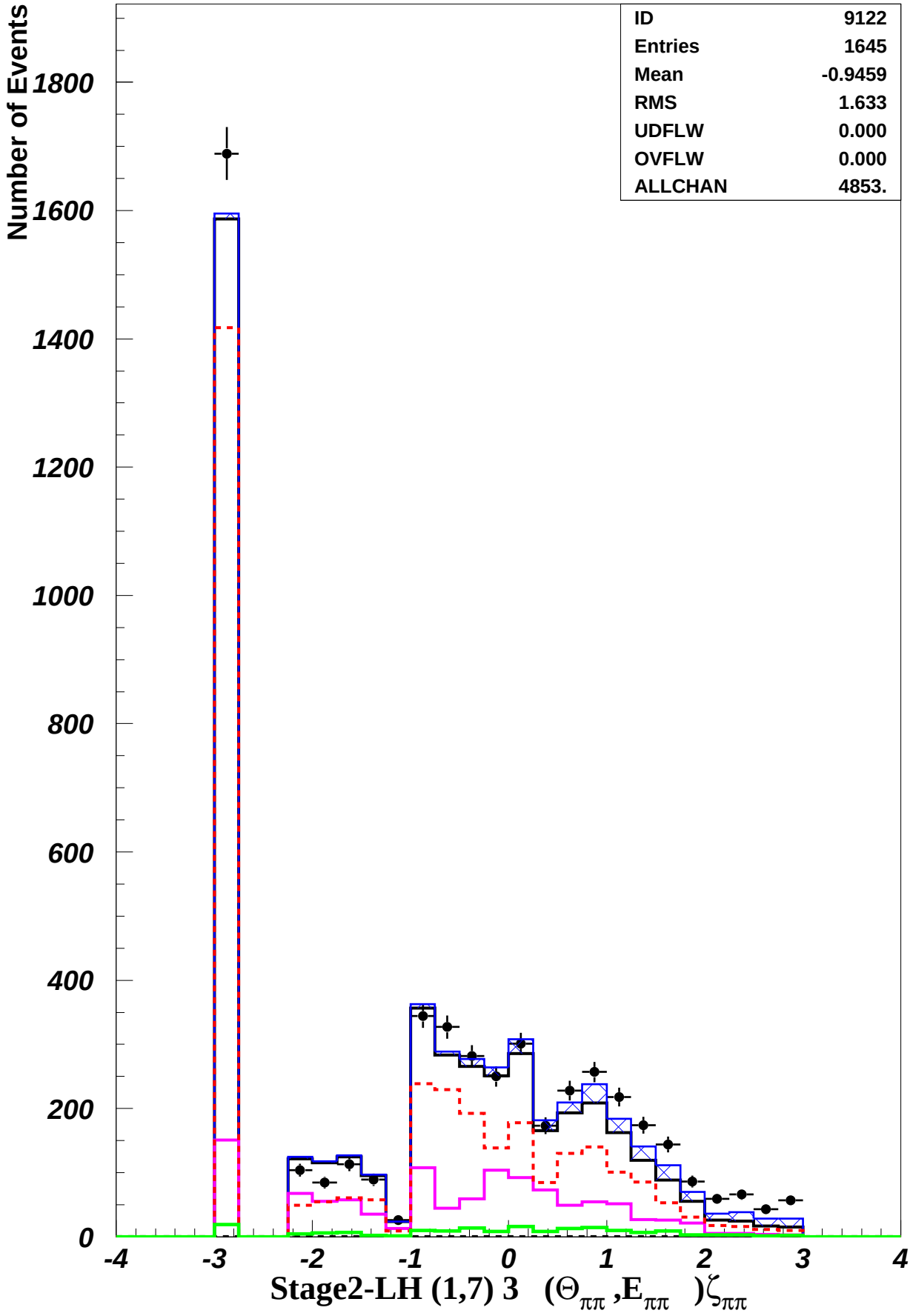

ID 9122
Entries 1645
Mean -1.253
RMS 1.716
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
2000
1750
1500
1250
1000
750
500
250
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,6) 3 (Θππ ,Mππ)ζππ

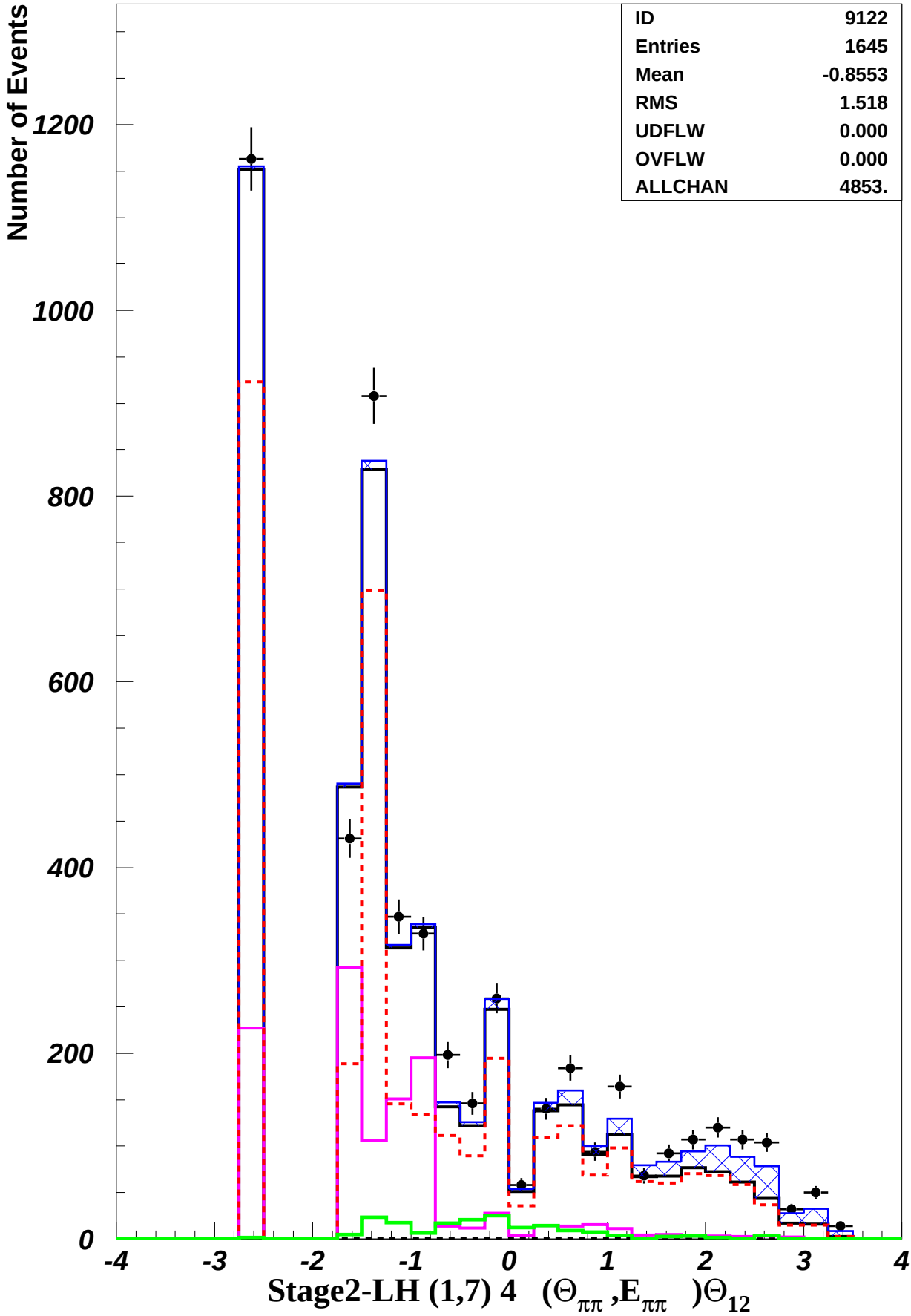

ID 9122
Entries 1645
Mean -1.291
RMS 1.755
UDFLW 0.000
OVFLW 0.4625
ALLCHAN 4809.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,6) 4 $(\Theta_{\pi\pi}, M_{\pi\pi})\Theta_{12}$

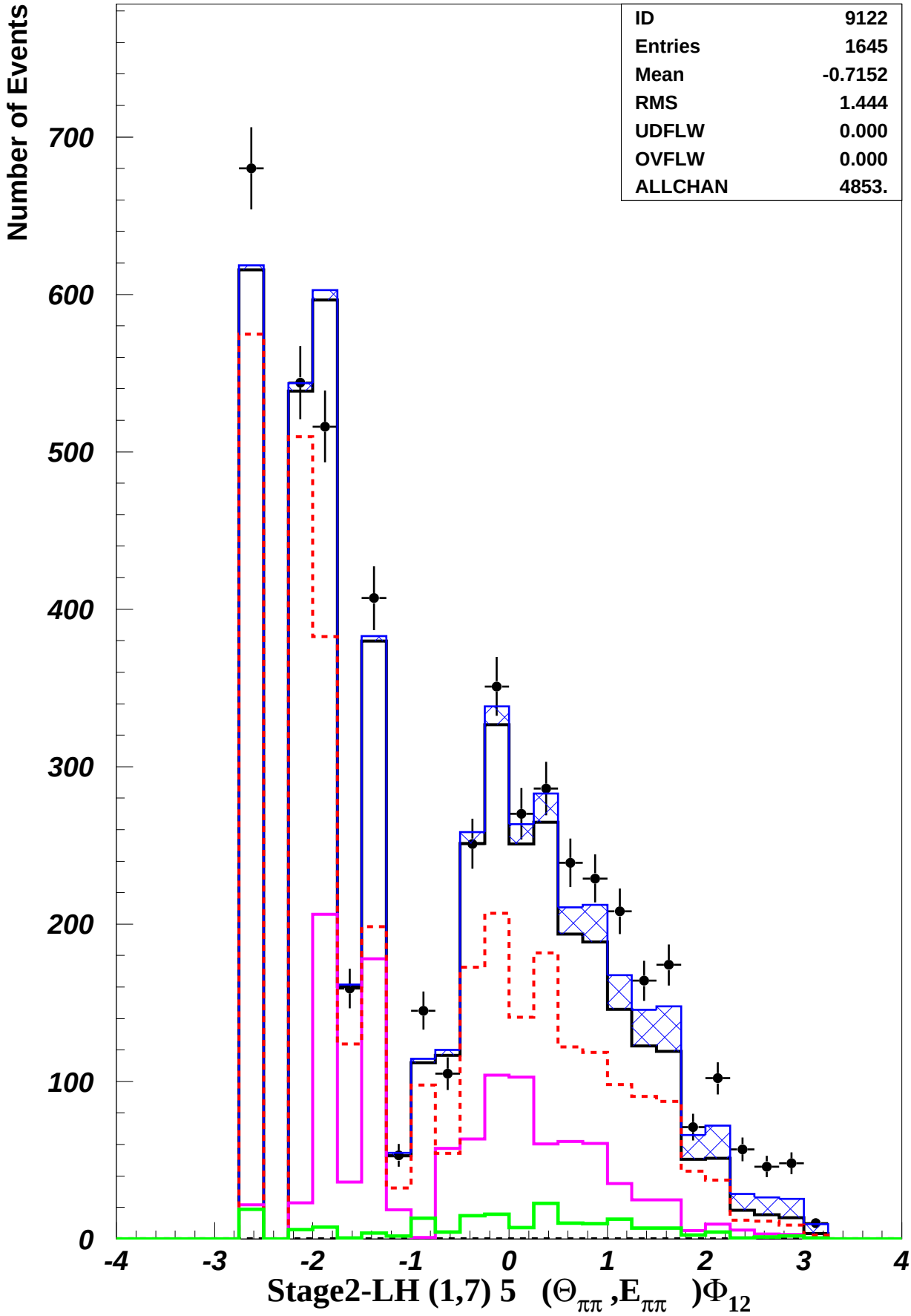

ID 9122
Entries 1645
Mean -1.135
RMS 1.624
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,6) 5 (Θππ ,Mππ)Φ12

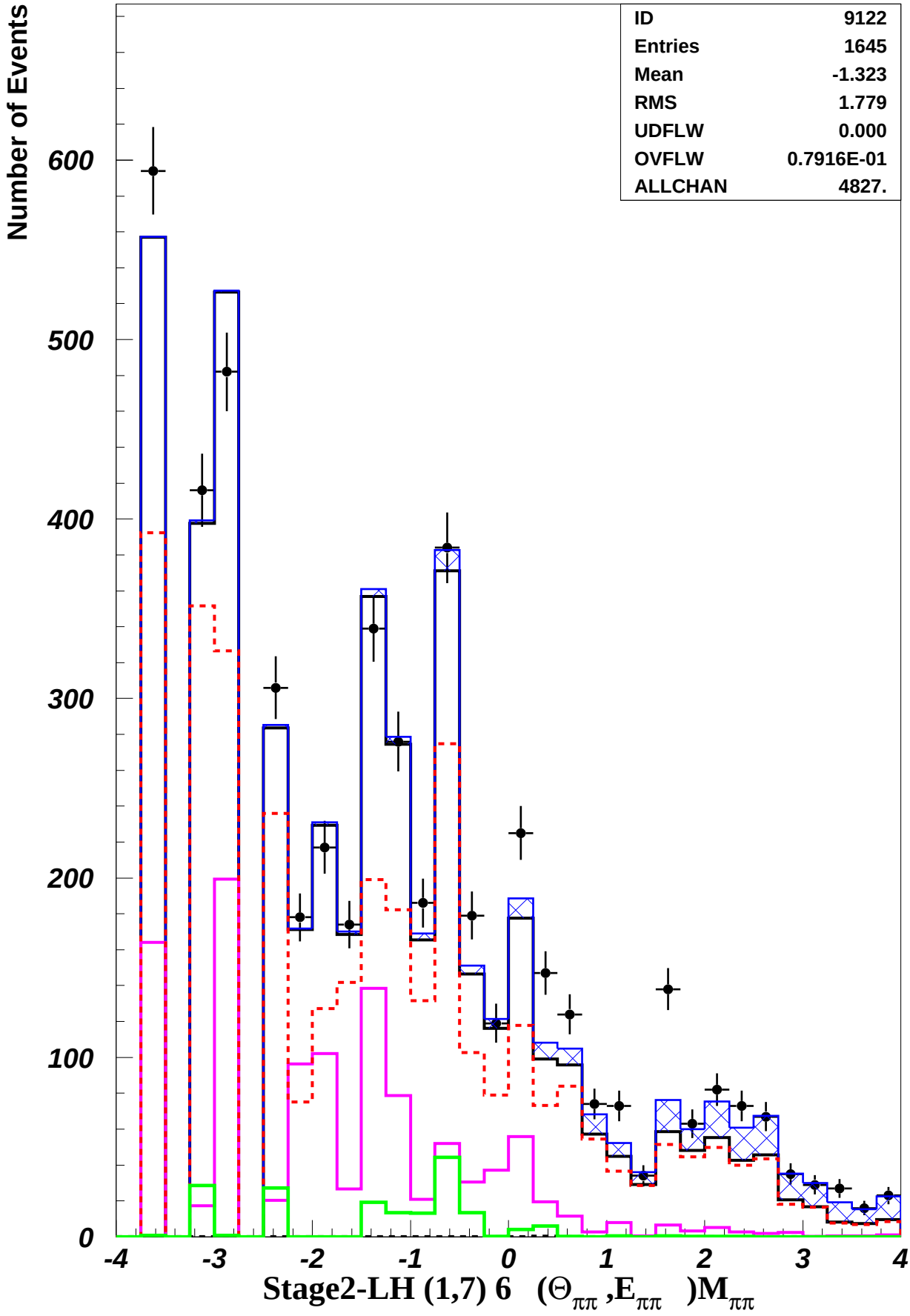

ID 9122
Entries 1645
Mean -1.142
RMS 1.665
UDFLW 0.000
OVFLW 0.8004
ALLCHAN 4810.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,6) 7 (Θππ ,Mππ)Eππ

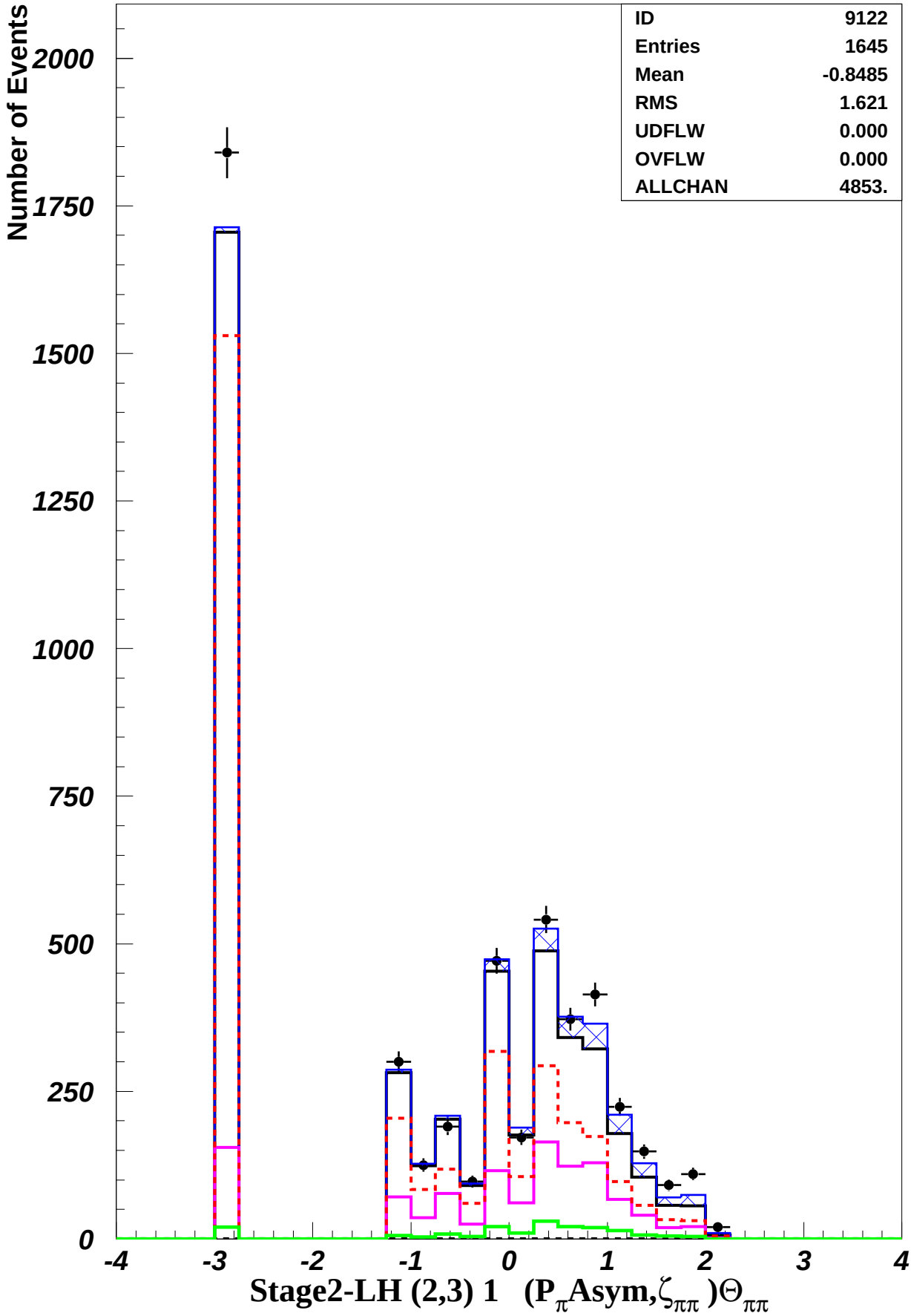

ID 9122
Entries 1645
Mean -0.6639
RMS 1.399
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,7) 2 (Θ$_{\pi\pi}$,E$_{\pi\pi}$)P$_{\pi}$Asym

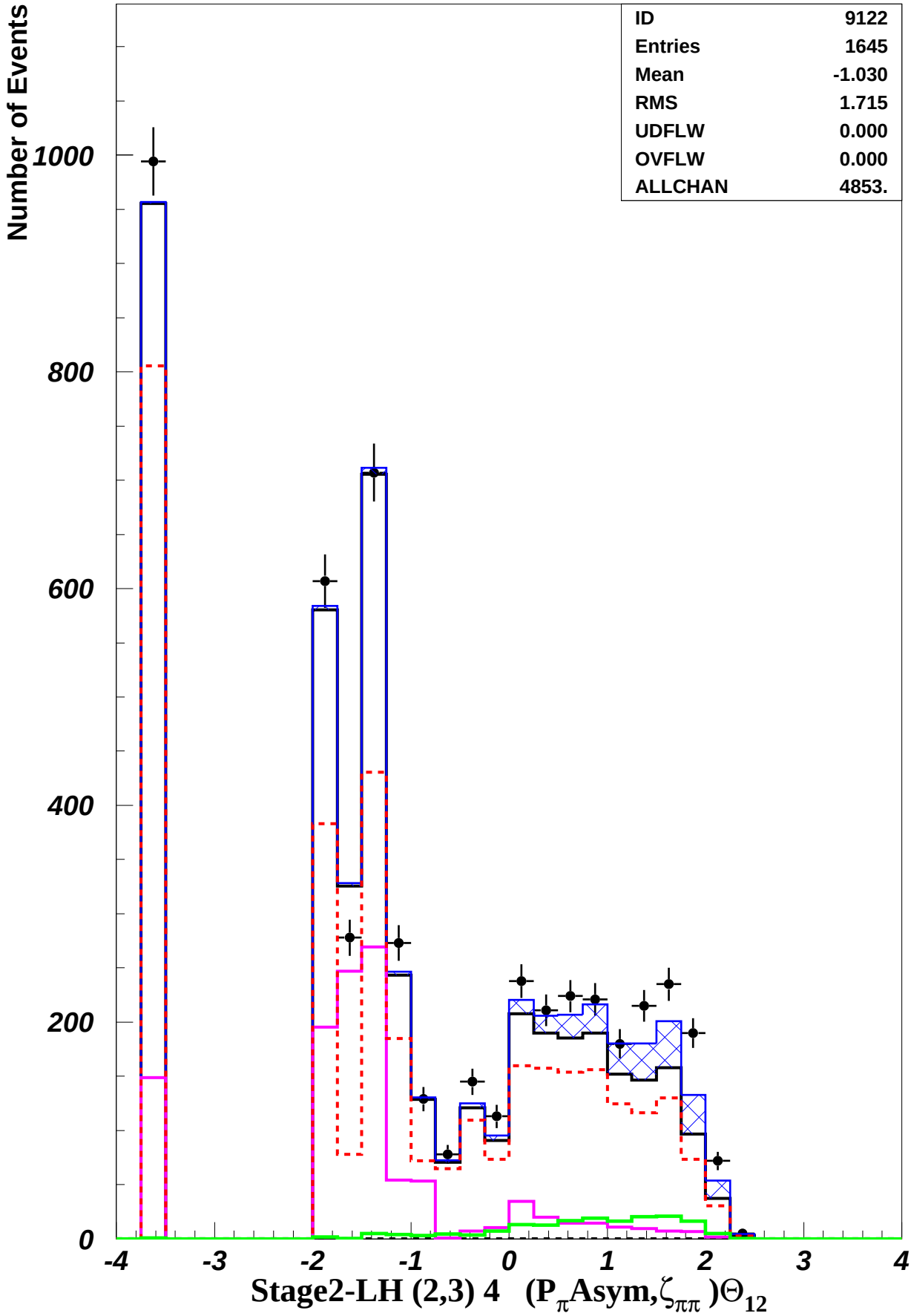

ID 9122
Entries 1645
Mean -0.9459
RMS 1.633
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,7) 3 $(\Theta_{\pi\pi}, E_{\pi\pi})\zeta_{\pi\pi}$

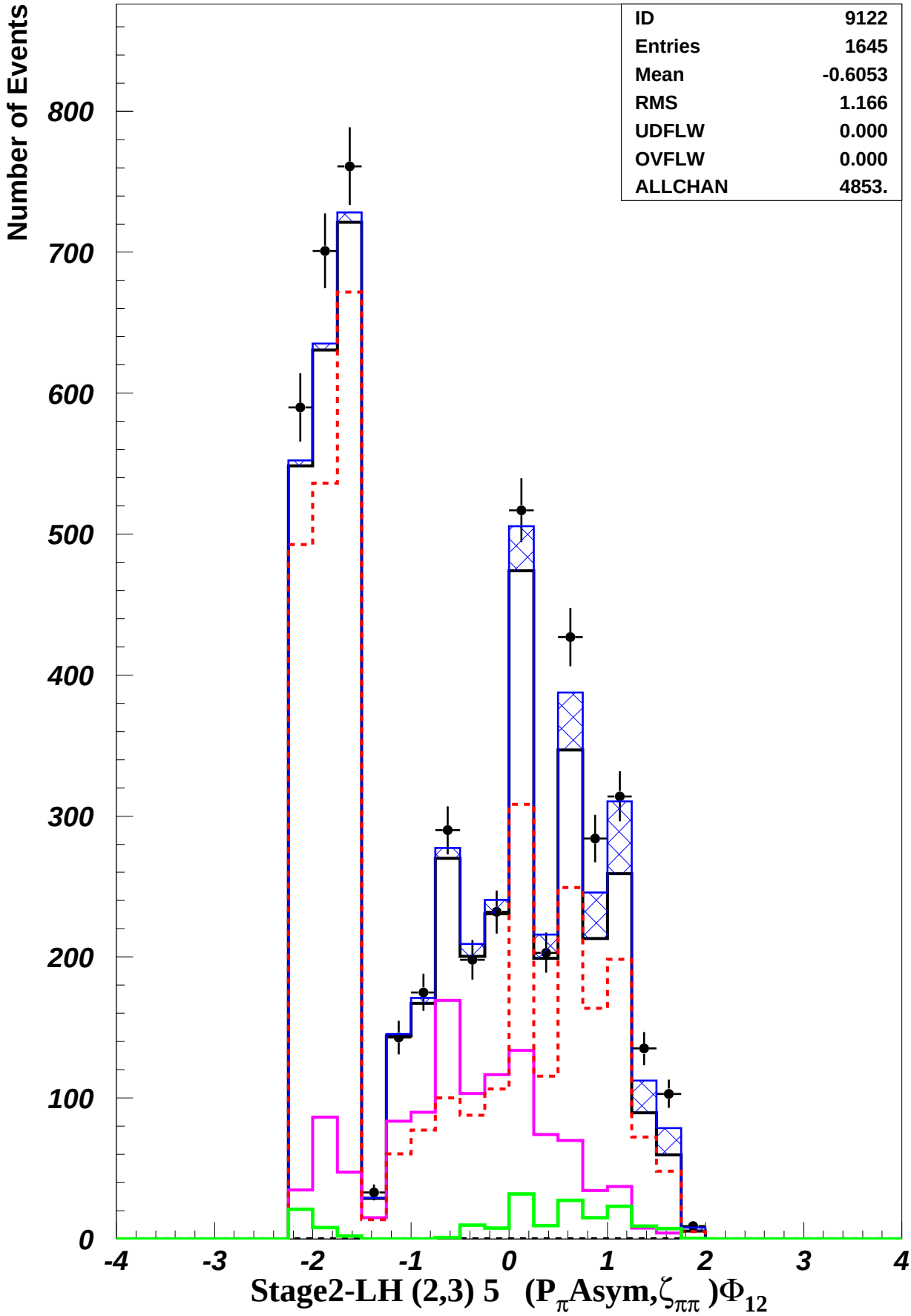

ID 9122
Entries 1645
Mean -0.8553
RMS 1.518
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,7) 4 (Θ$_{\pi\pi}$,E$_{\pi\pi}$)Θ$_{12}$

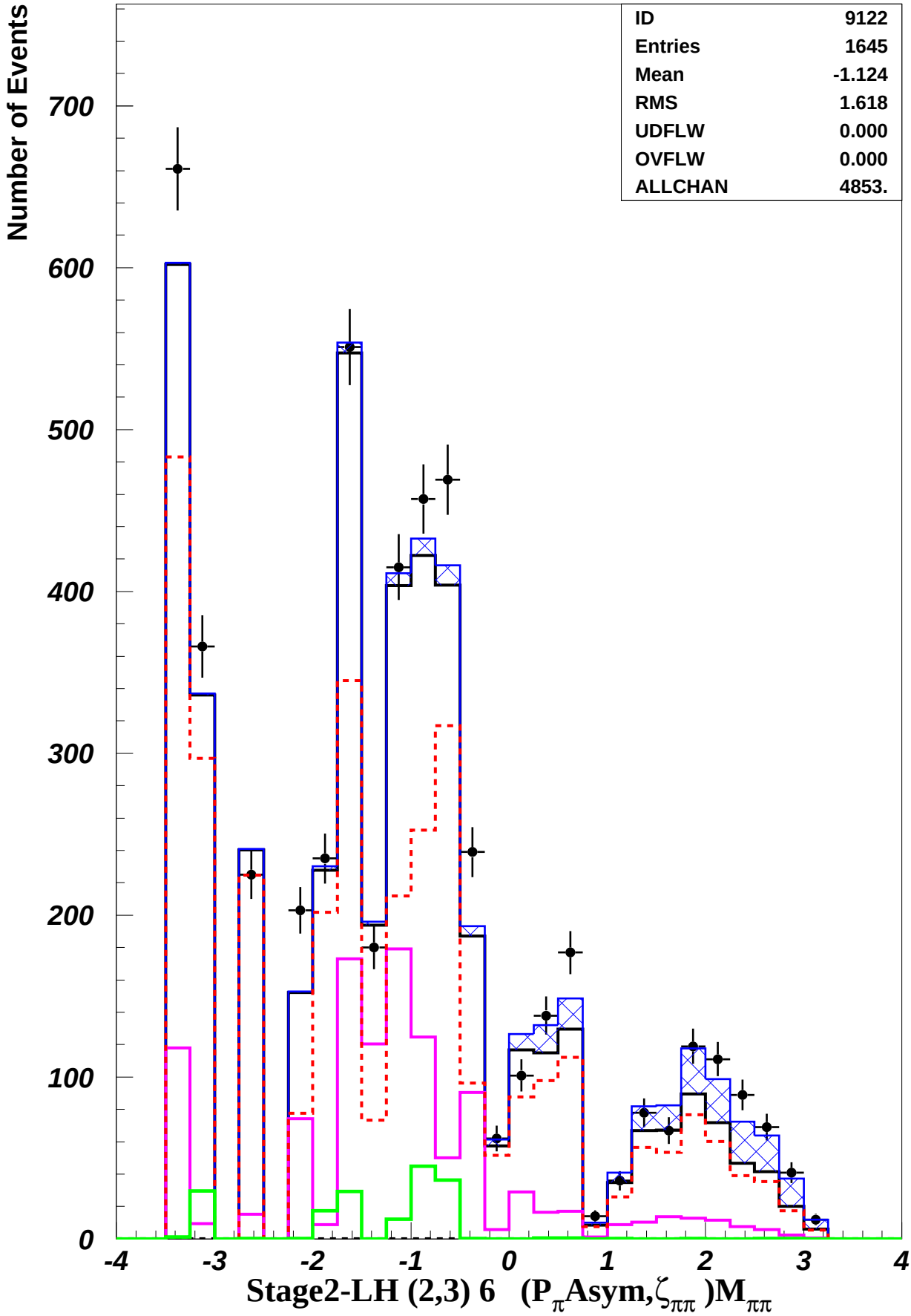

ID 9122
Entries 1645
Mean -0.7152
RMS 1.444
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,7) 5 $(\Theta_{\pi\pi}, E_{\pi\pi})\Phi_{12}$

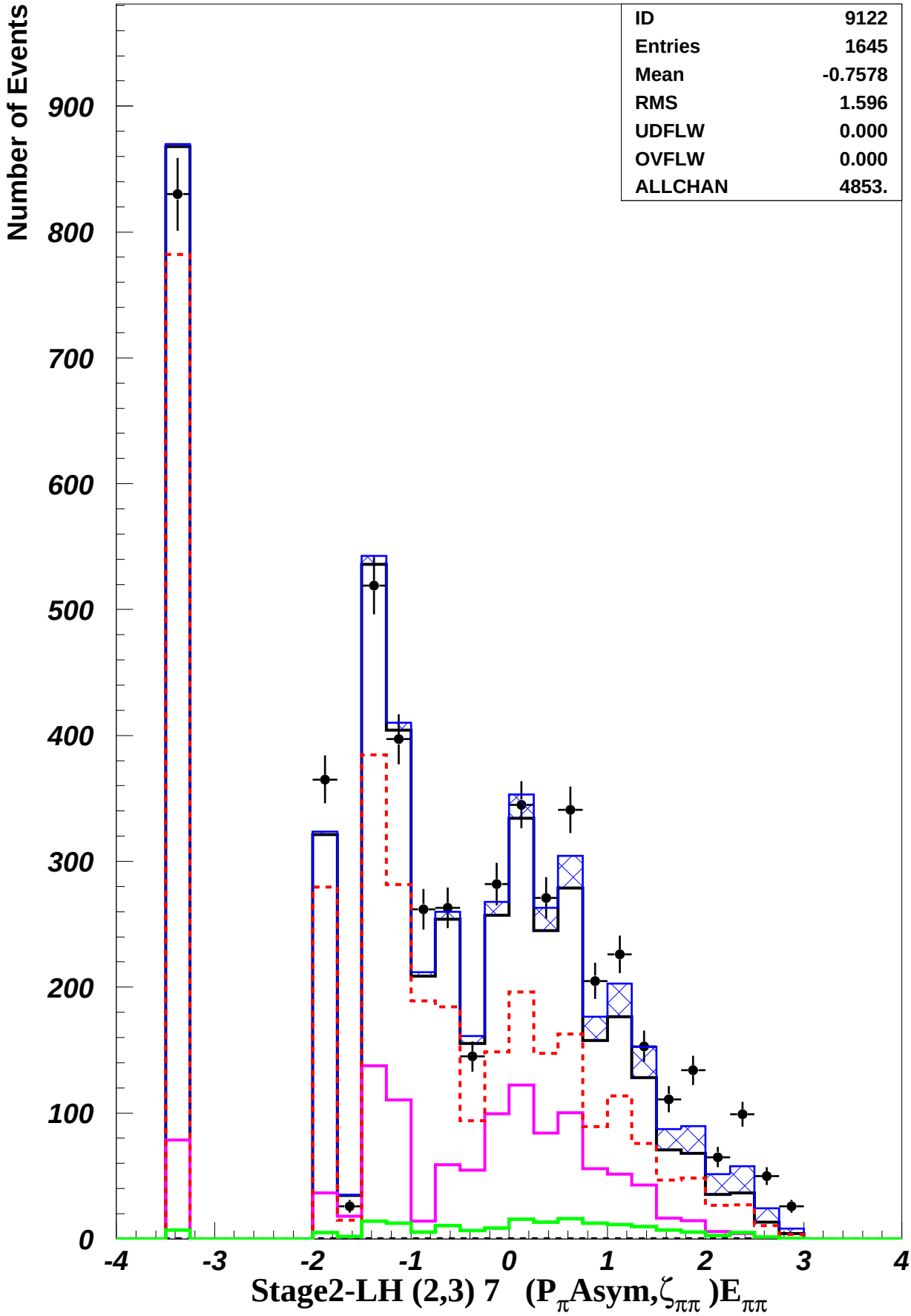

ID 9122
Entries 1645
Mean -1.323
RMS 1.779
UDFLW 0.000
OVFLW 0.7916E-01
ALLCHAN 4827.
Number of Events
0
100
200
300
400
500
600
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (1,7) 6 (Θππ ,Eππ)Mππ

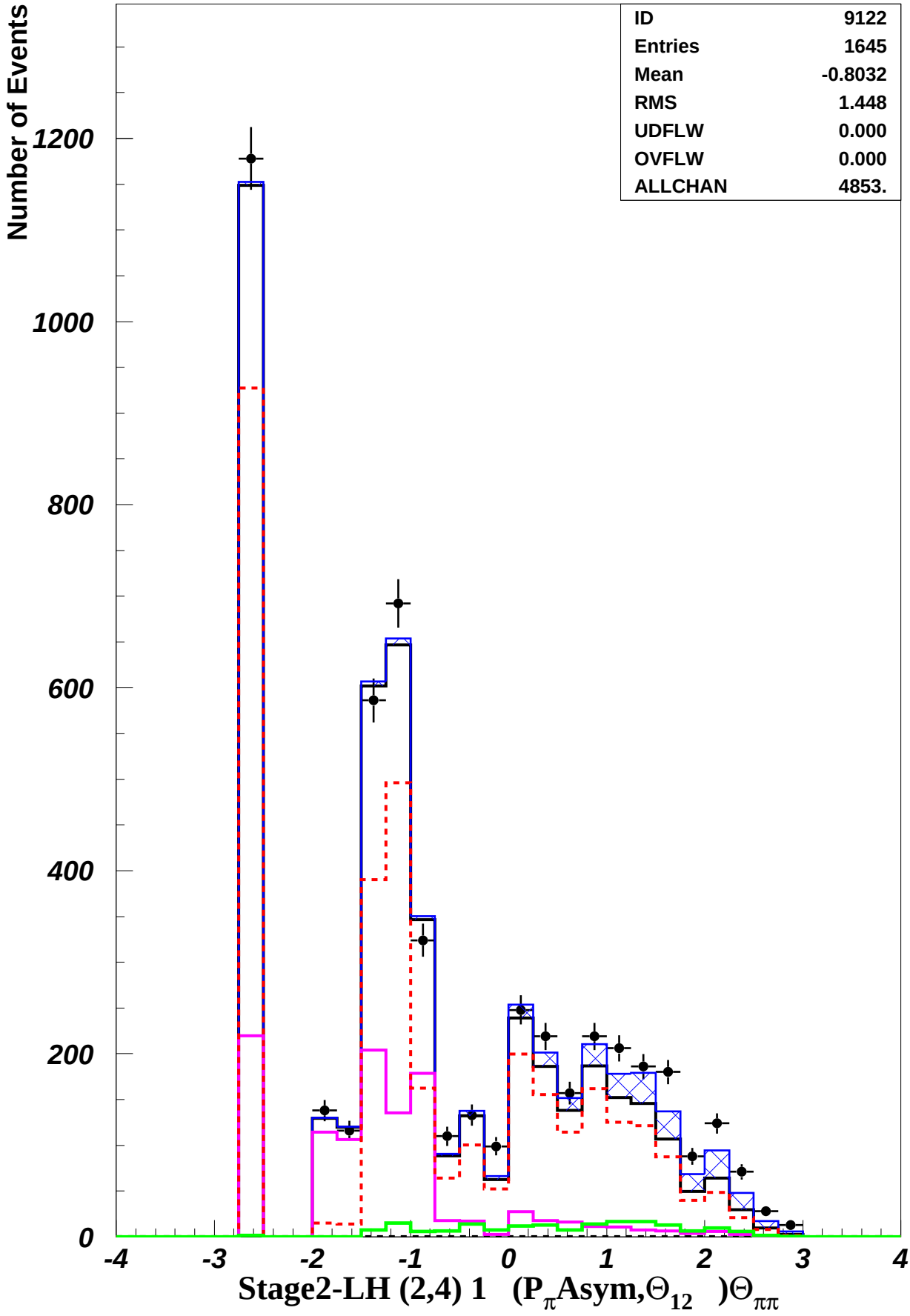

ID 9122
Entries 1645
Mean -0.8485
RMS 1.621
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
2000
1750
1500
1250
1000
750
500
250
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,3) 1 (P$_\pi$Asym,$\zeta_{\pi\pi}$)$\Theta_{\pi\pi}$

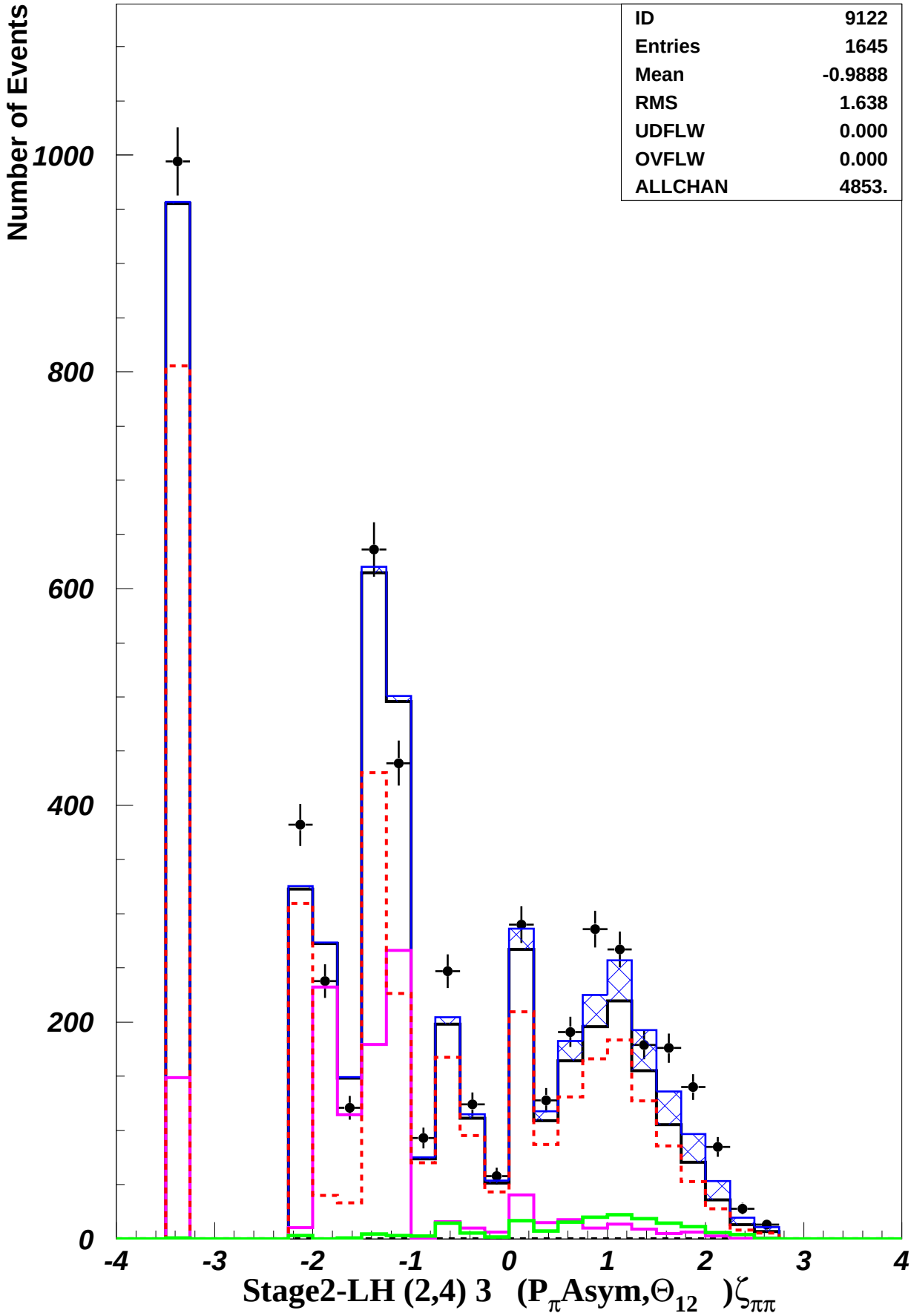

ID 9122
Entries 1645
Mean -1.030
RMS 1.715
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,3) 4 (P$_\pi$Asym,$\zeta_{\pi\pi}$)Θ_{12}

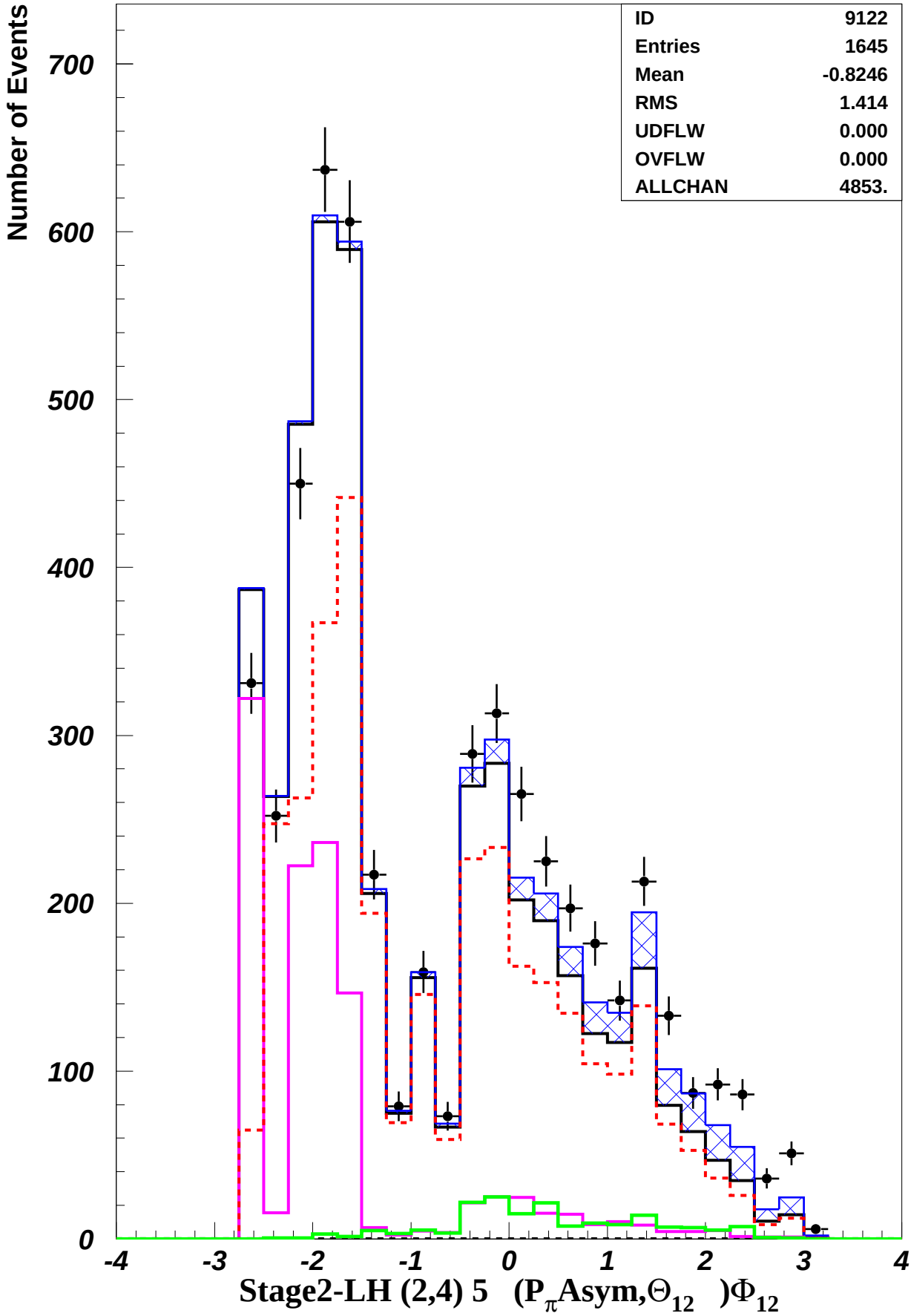

ID 9122
Entries 1645
Mean -0.6053
RMS 1.166
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,3) 5 (P$_\pi$Asym,$\zeta_{\pi\pi}$)Φ_{12}

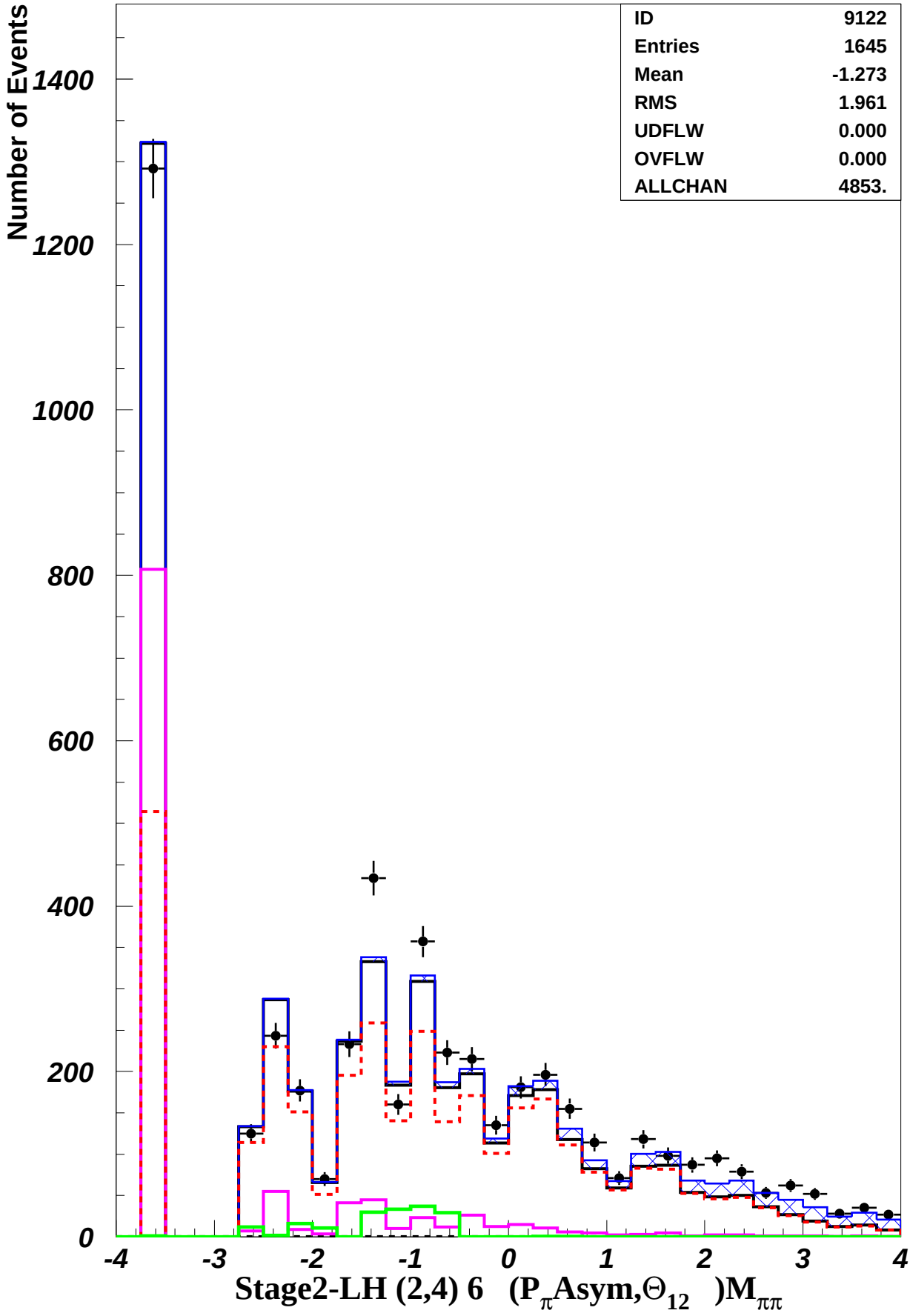

ID 9122
Entries 1645
Mean -1.124
RMS 1.618
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,3) 6 (P$_\pi$Asym,$\zeta_{\pi\pi}$)M$_{\pi\pi}$

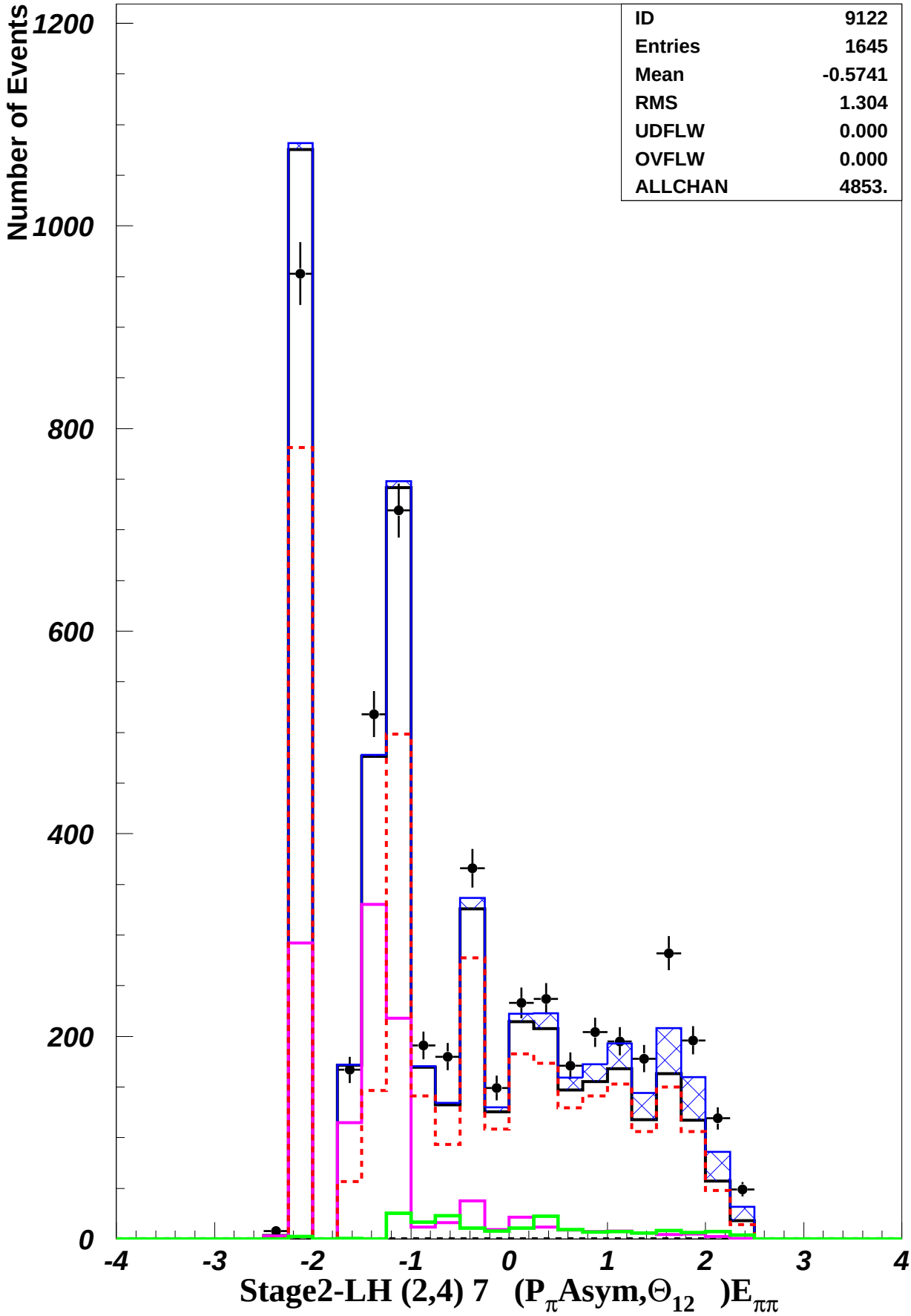

ID 9122
Entries 1645
Mean -0.7578
RMS 1.596
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
900
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,3) 7 (P$_\pi$Asym,$\zeta_{\pi\pi}$)E$_{\pi\pi}$

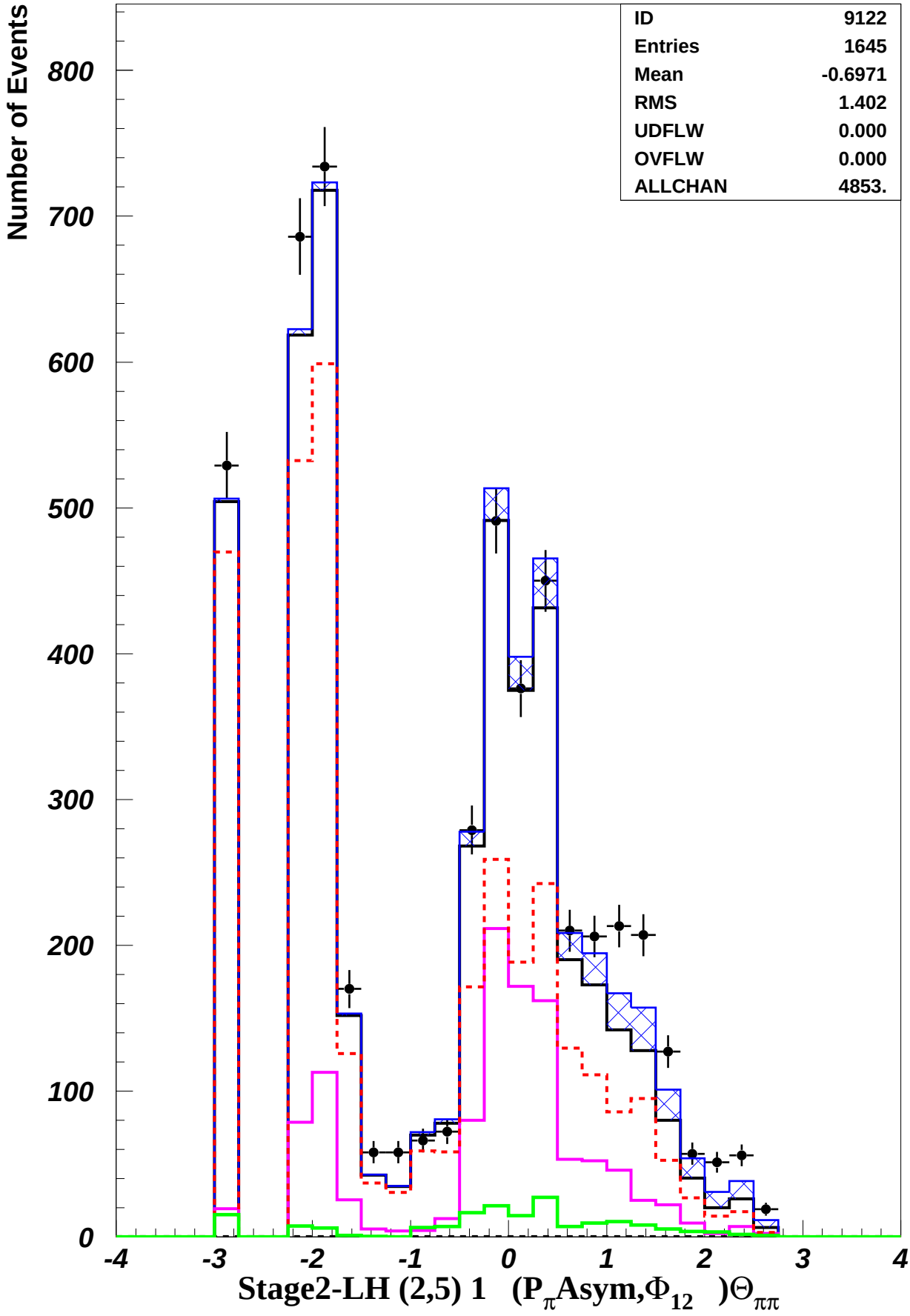

ID 9122
Entries 1645
Mean -0.8032
RMS 1.448
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,4) 1 (P$_\pi$Asym,Θ_{12})$\Theta_{\pi\pi}$

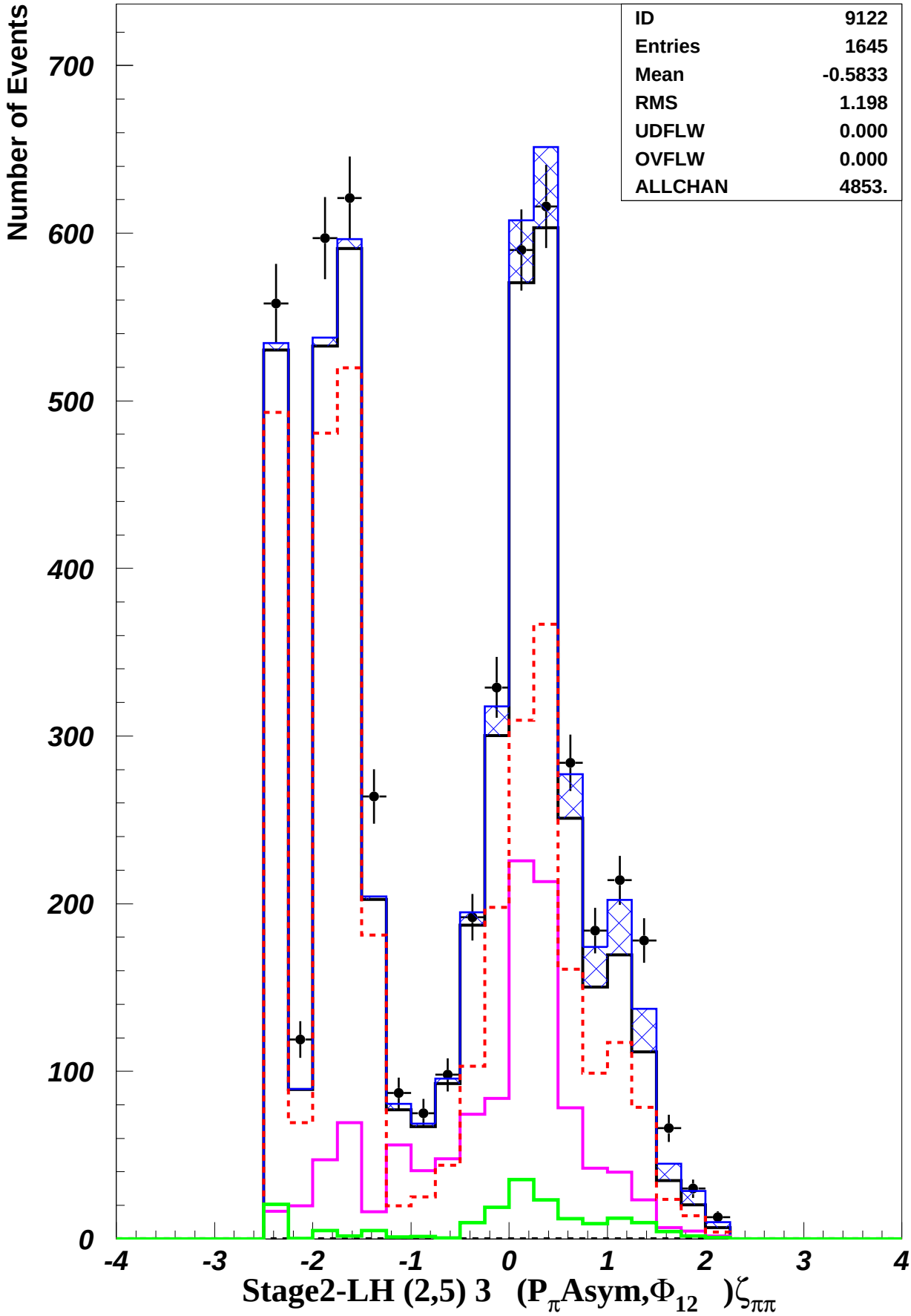

ID 9122
Entries 1645
Mean -0.9888
RMS 1.638
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,4) 3 (P$_\pi$Asym,Θ_{12})$\zeta_{\pi\pi}$

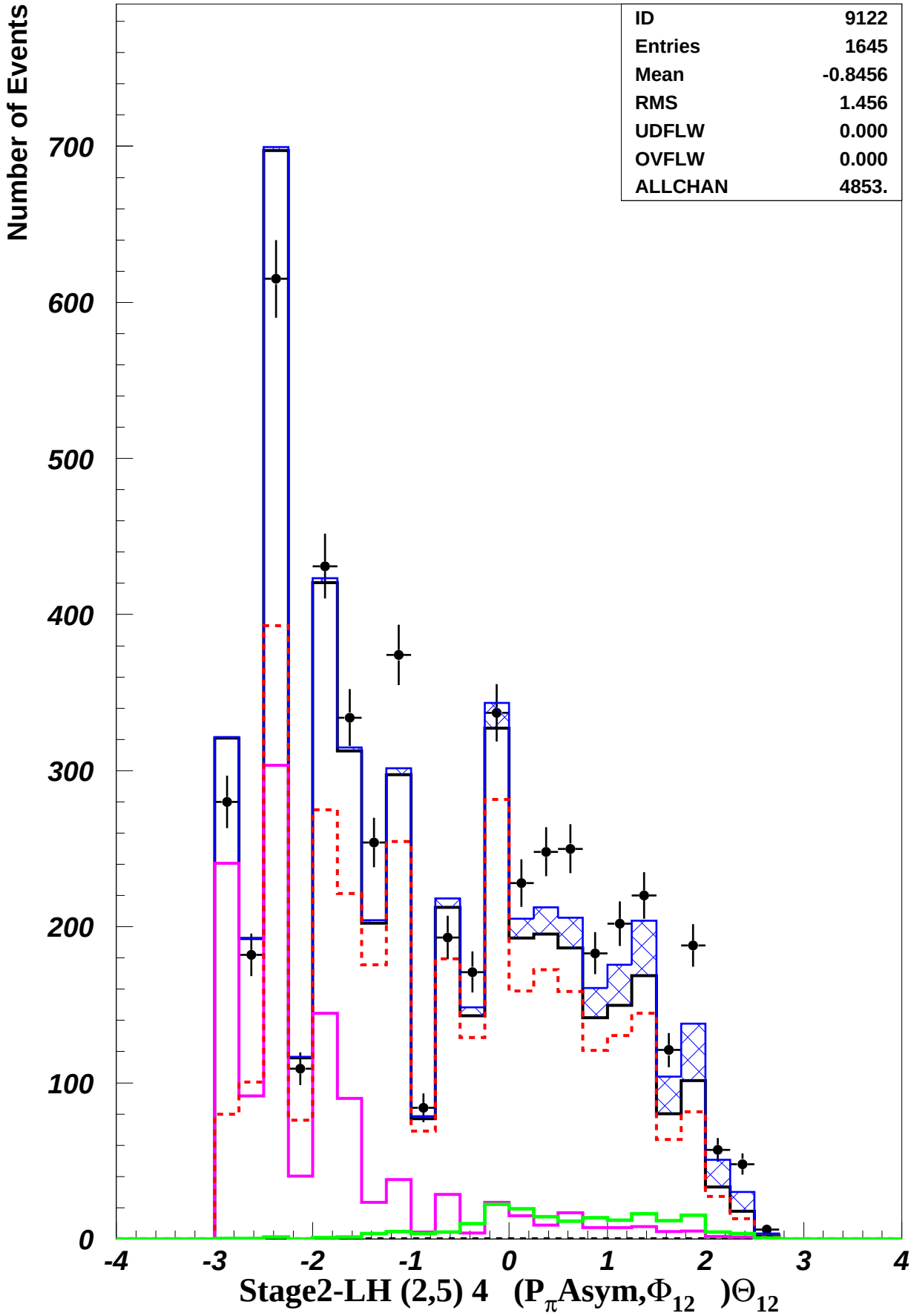

ID 9122
Entries 1645
Mean -0.8246
RMS 1.414
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,4) 5 (P$_\pi$Asym,Θ_{12})Φ_{12}

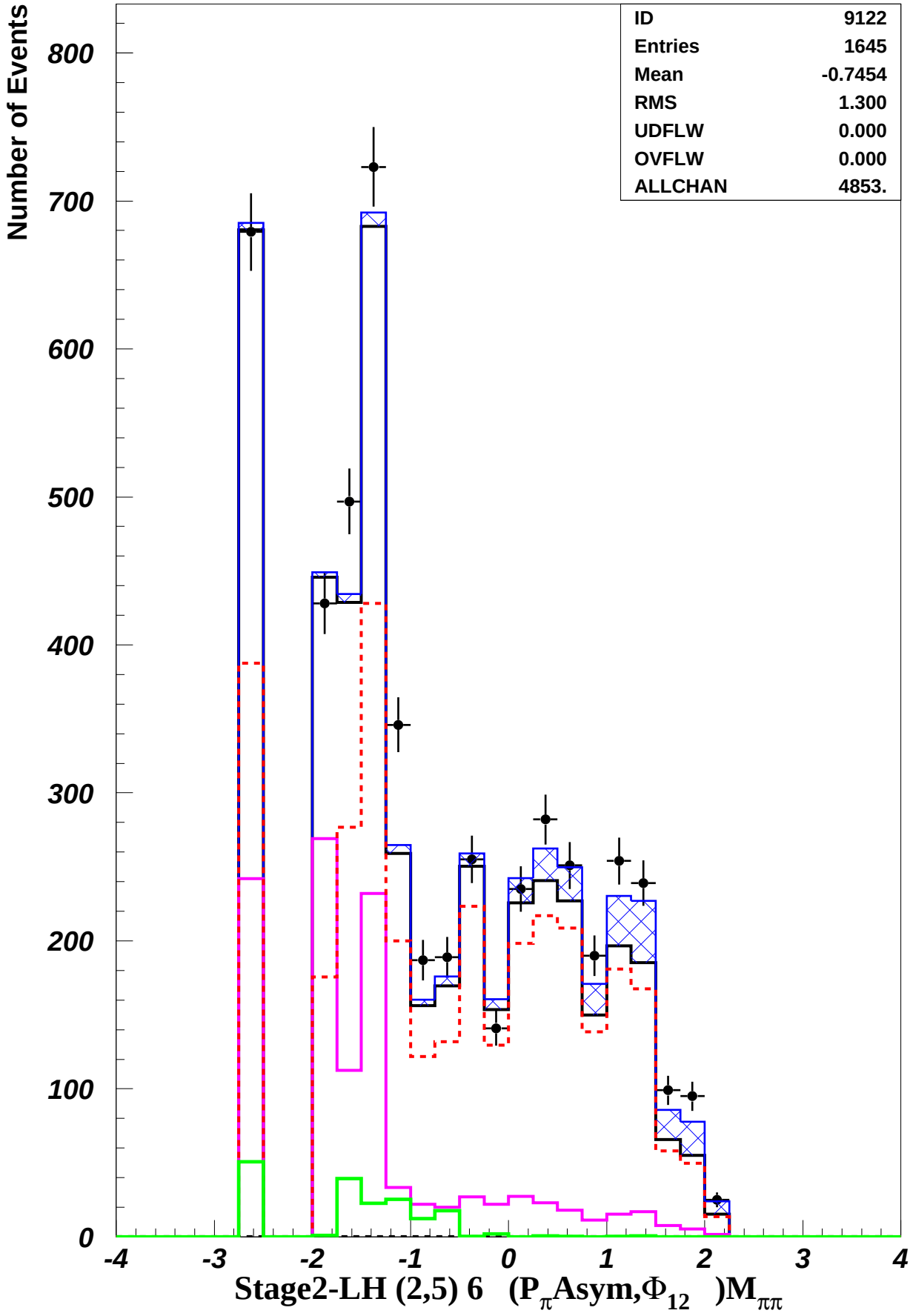

ID 9122
Entries 1645
Mean -1.273
RMS 1.961
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,4) 6 (P$_\pi$Asym,Θ_{12})M$_{\pi\pi}$

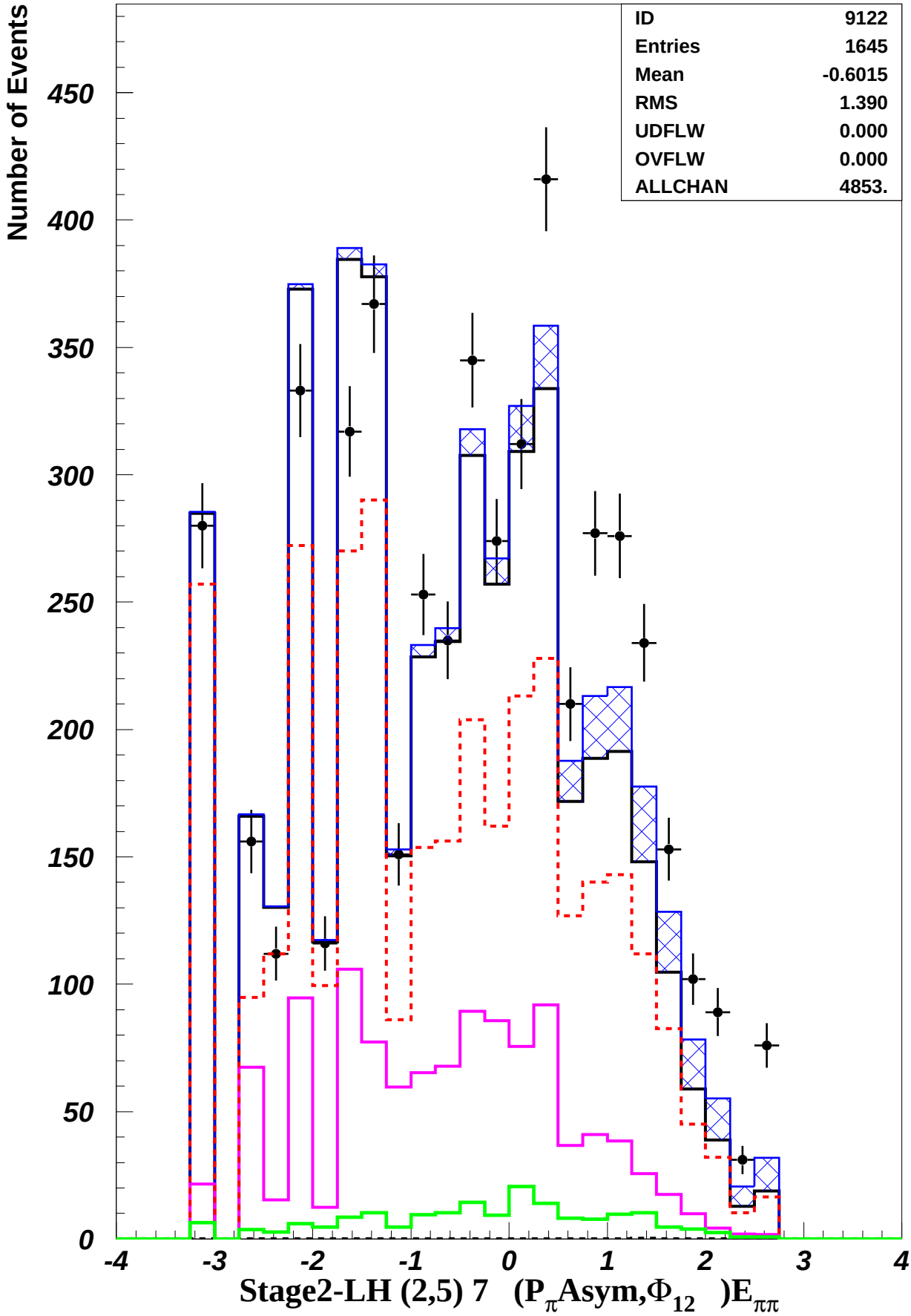

ID 9122
Entries 1645
Mean -0.5741
RMS 1.304
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,4) 7 (P$_{\pi}$Asym,Θ_{12})E$_{\pi\pi}$

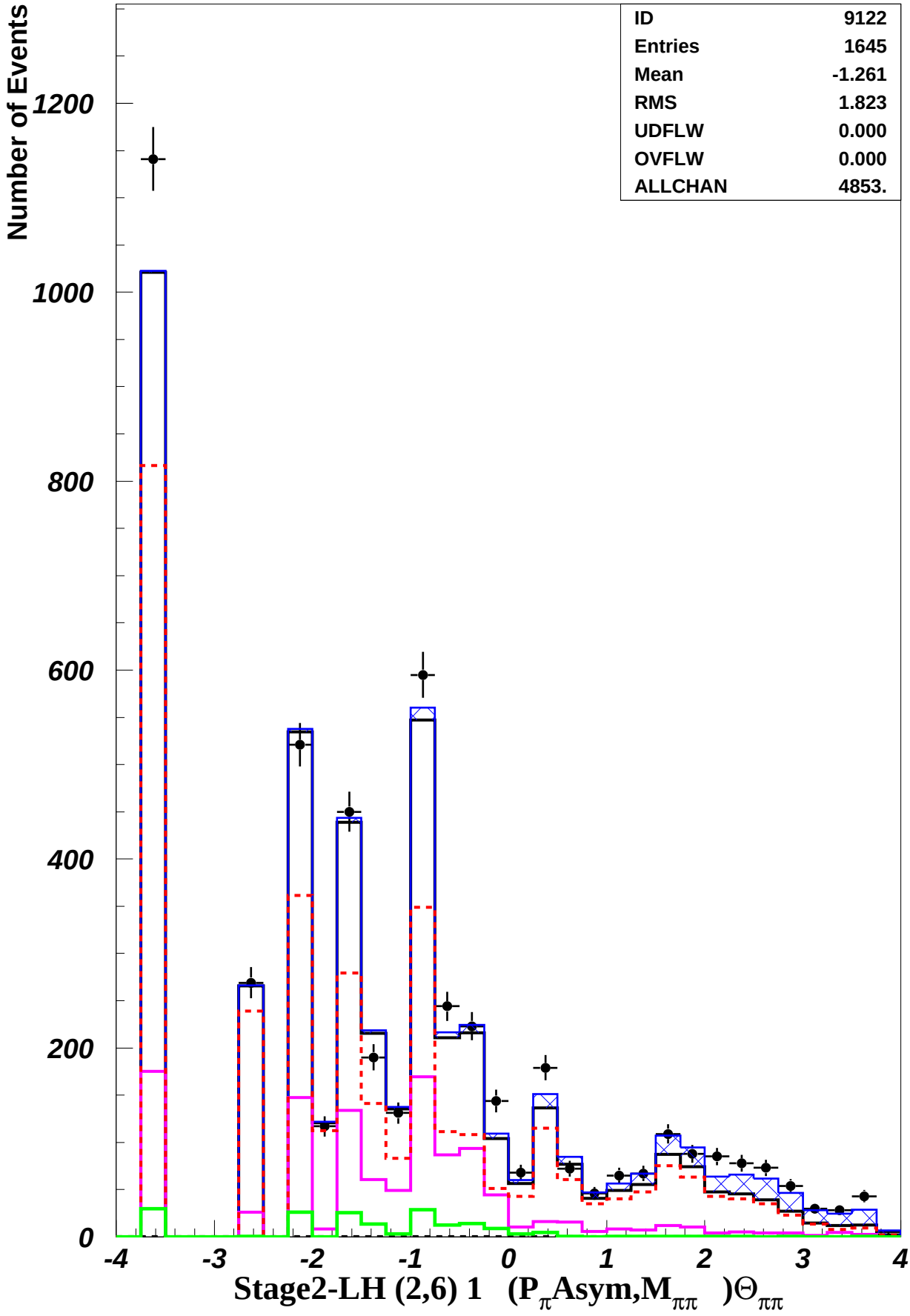

ID 9122
Entries 1645
Mean -0.6971
RMS 1.402
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,5) 1 (P$_{\pi}$Asym,Φ_{12})$\Theta_{\pi\pi}$

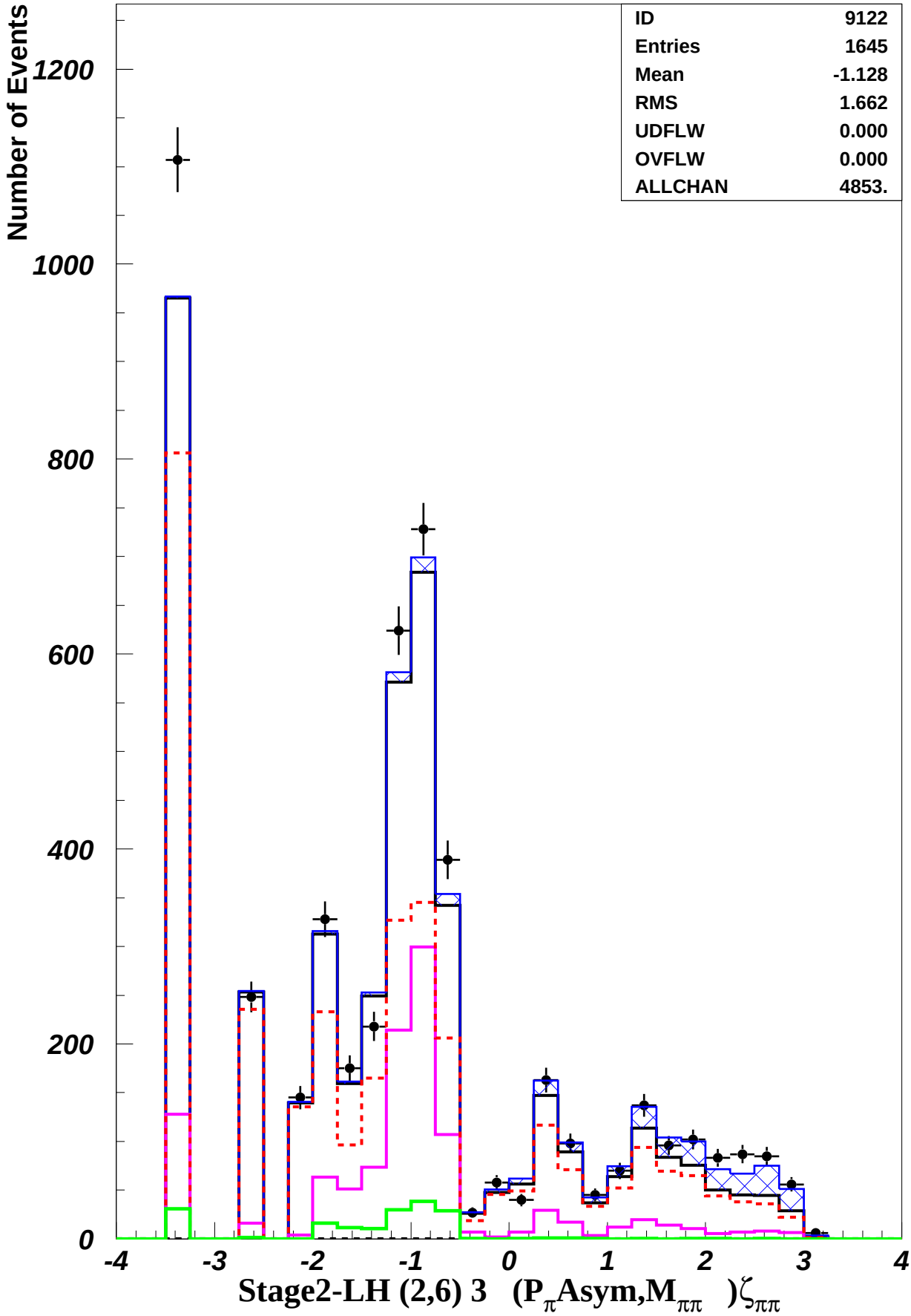

ID 9122
Entries 1645
Mean -0.5833
RMS 1.198
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,5) 3 (P$_\pi$Asym,Φ_{12})$\zeta_{\pi\pi}$

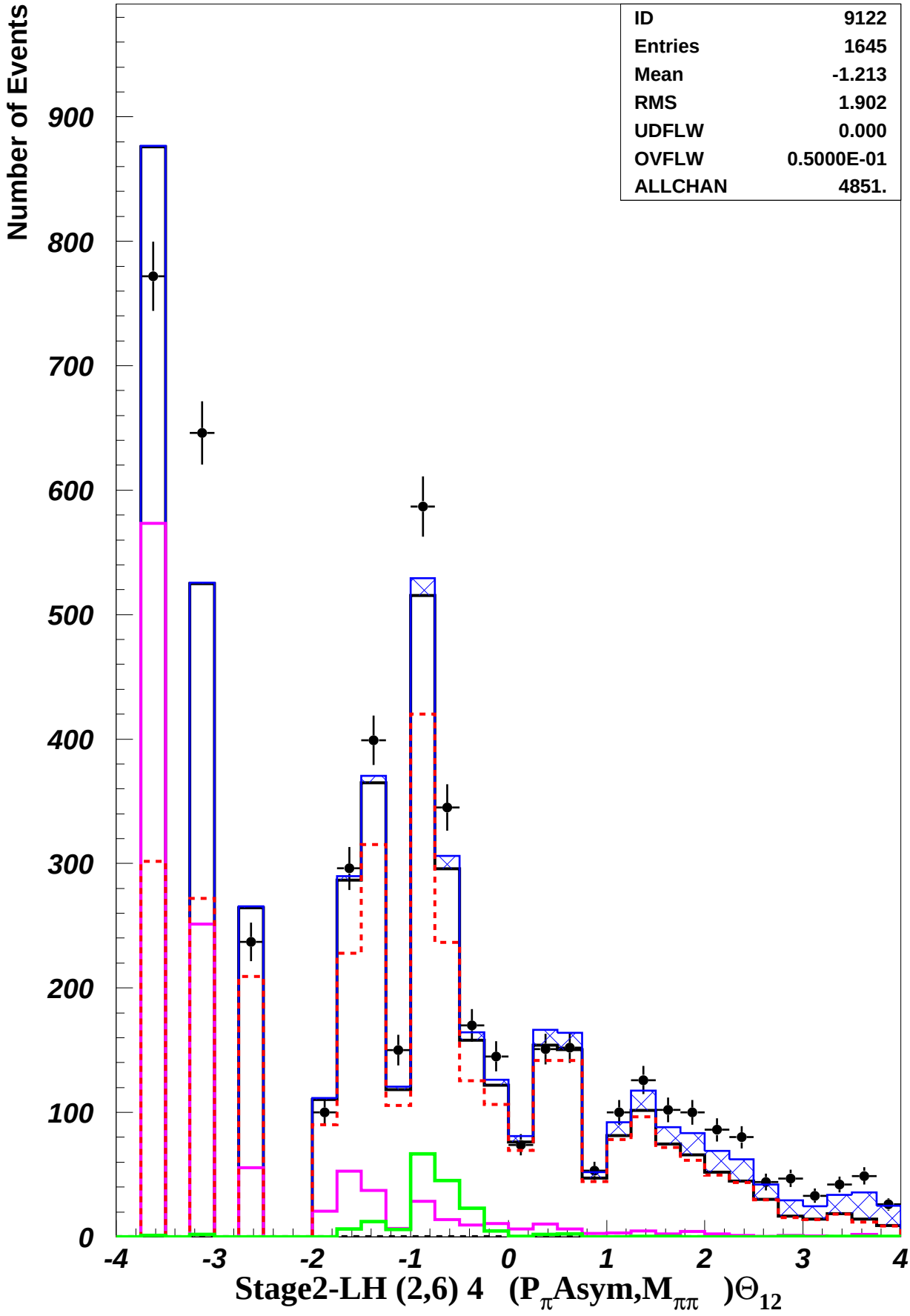

ID 9122
Entries 1645
Mean -0.8456
RMS 1.456
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,5) 4 (PπAsym,Φ12)Θ12

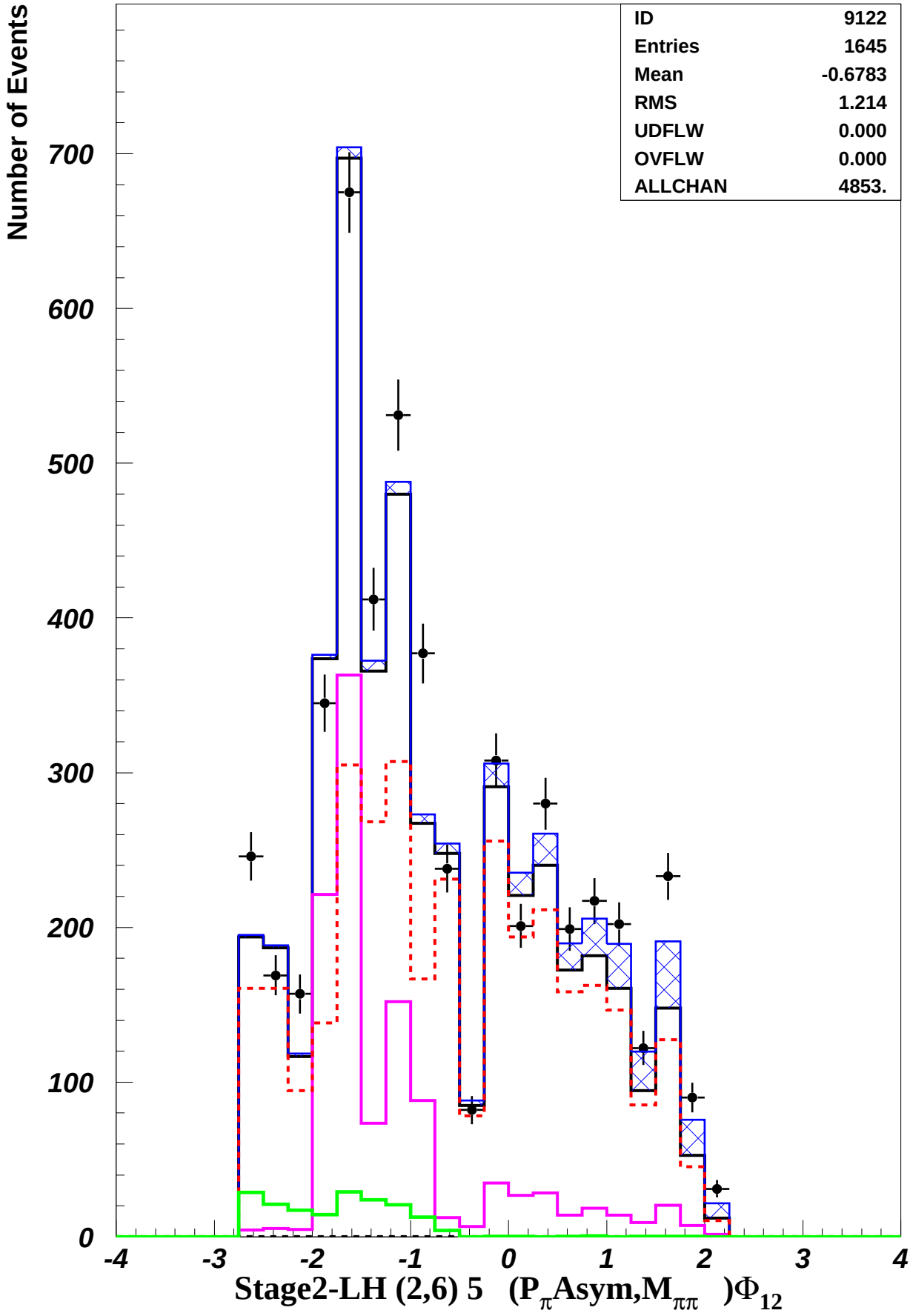

ID 9122
Entries 1645
Mean -0.7454
RMS 1.300
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,5) 6 (P$_\pi$Asym,Φ_{12})M$_{\pi\pi}$

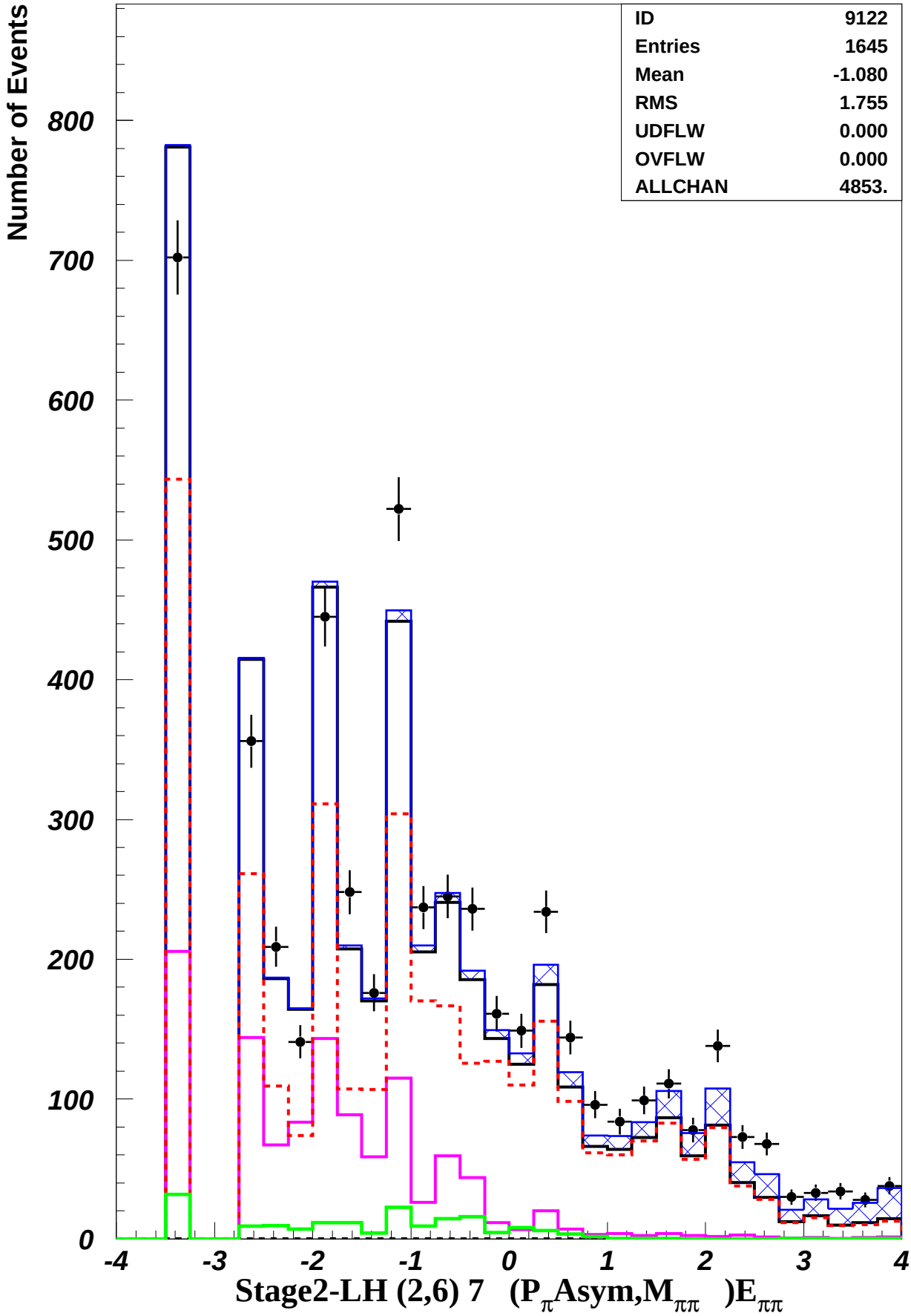

ID 9122
Entries 1645
Mean -0.6015
RMS 1.390
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
450
400
350
300
250
200
150
100
50
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,5) 7 (P$_{\pi}$Asym,Φ_{12})E$_{\pi\pi}$

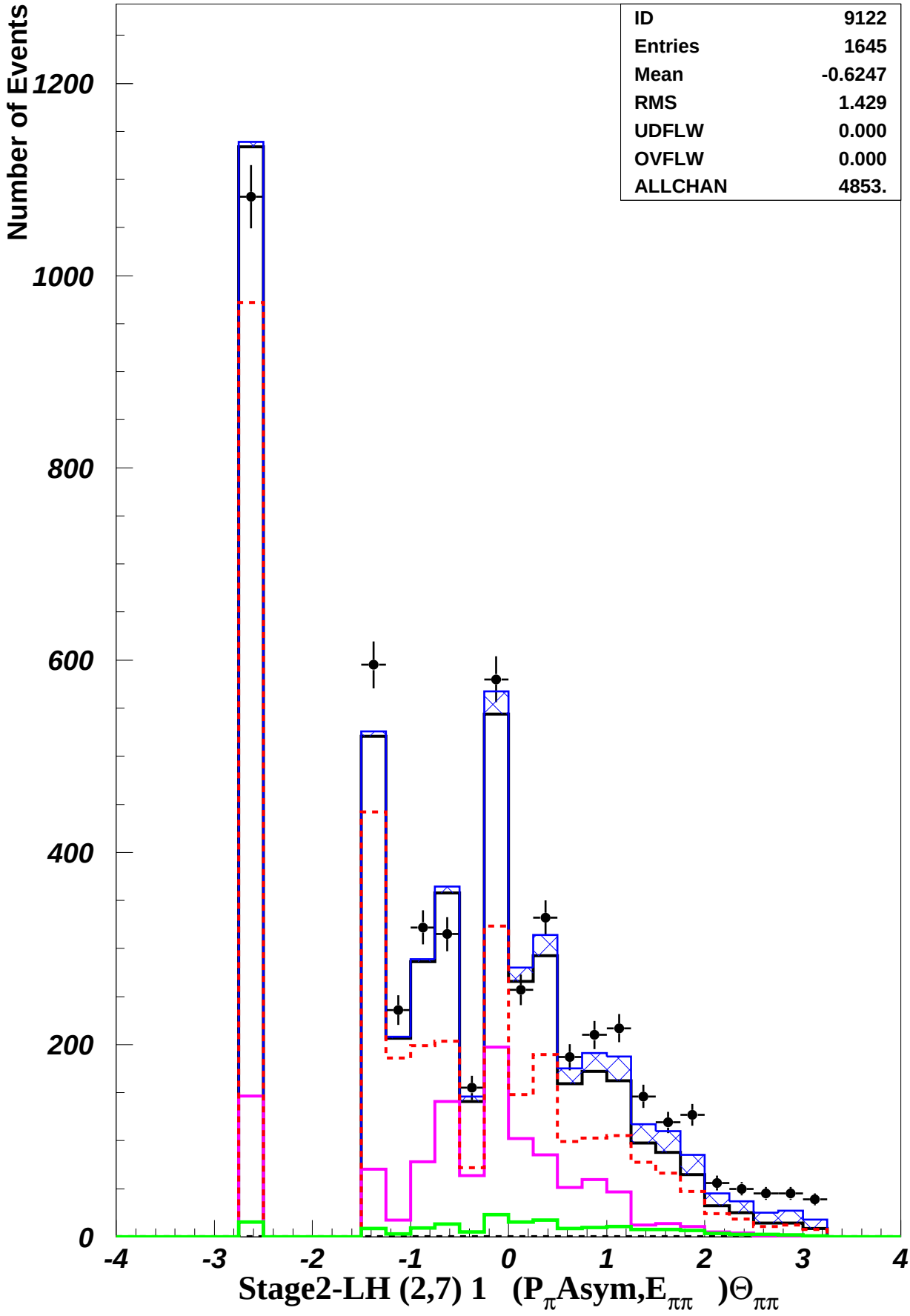

ID 9122
Entries 1645
Mean -1.261
RMS 1.823
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,6) 1 (P$_{\pi}$Asym,M$_{\pi\pi}$)$\Theta_{\pi\pi}$

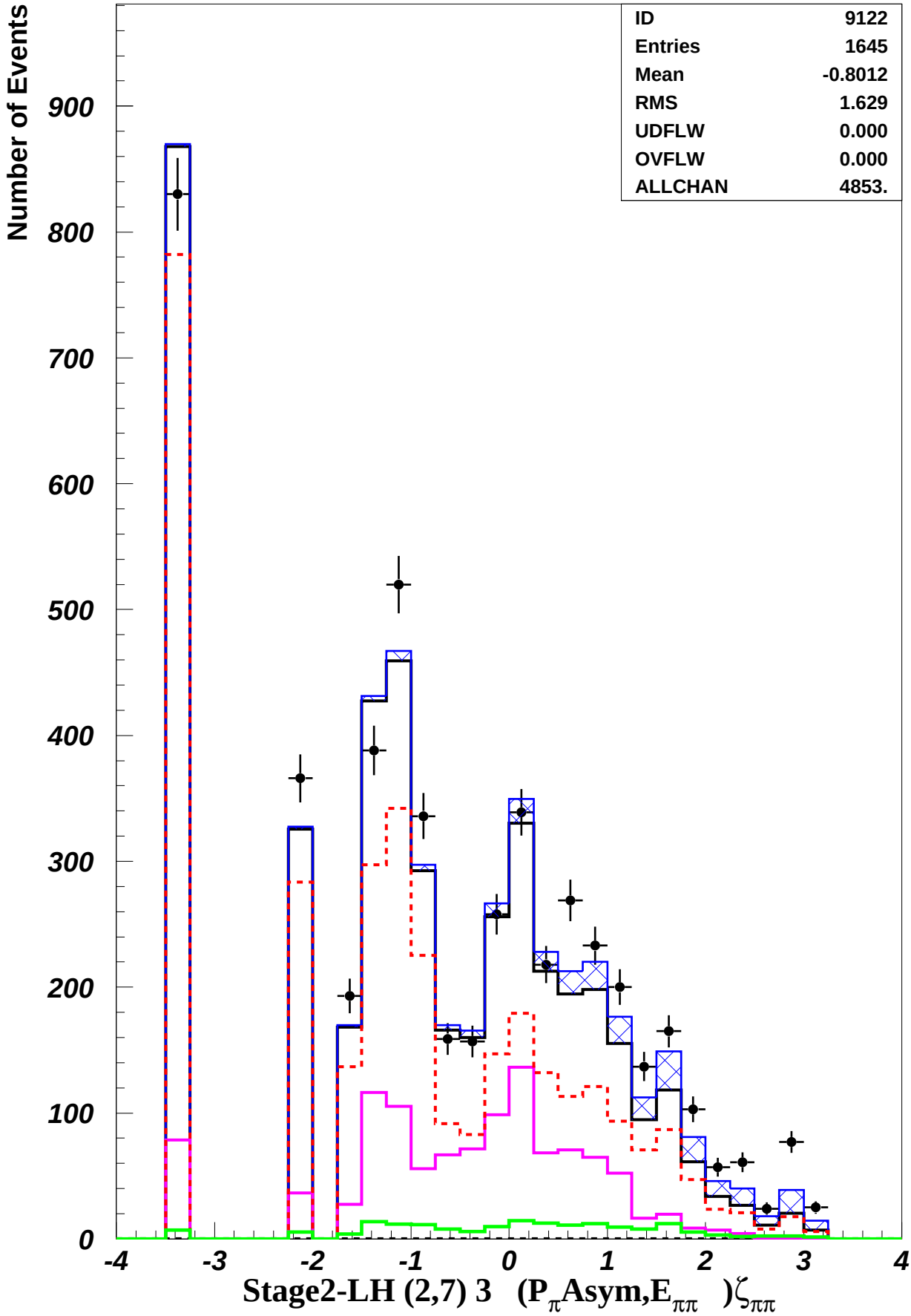

ID 9122
Entries 1645
Mean -1.128
RMS 1.662
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,6) 3 (P$_{\pi}$Asym,M$_{\pi\pi}$)$\zeta_{\pi\pi}$

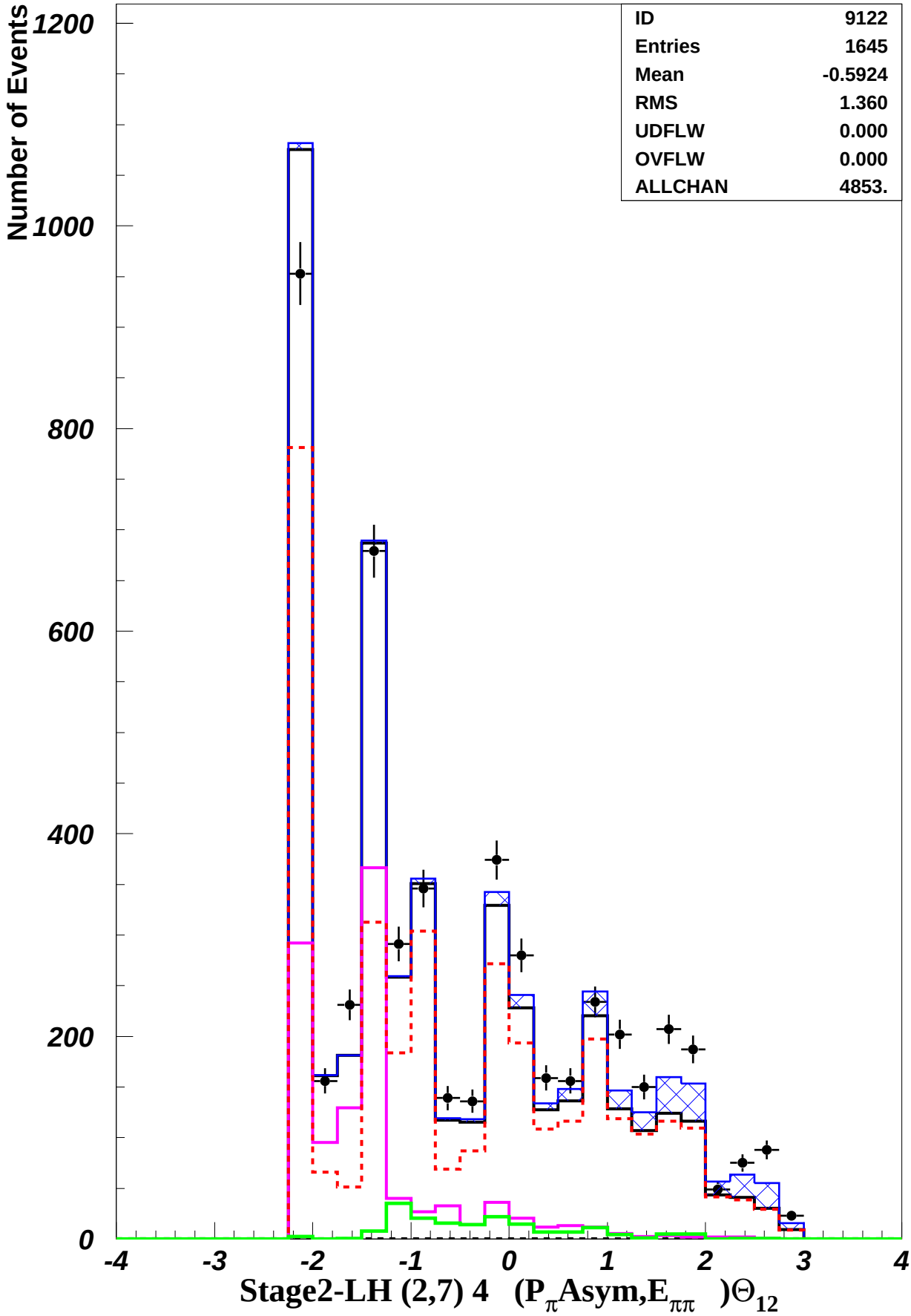

ID 9122
Entries 1645
Mean -1.213
RMS 1.902
UDFLW 0.000
OVFLW 0.5000E-01
ALLCHAN 4851.
Number of Events
900
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,6) 4 (P$_{\pi}$Asym,M$_{\pi\pi}$)Θ_{12}

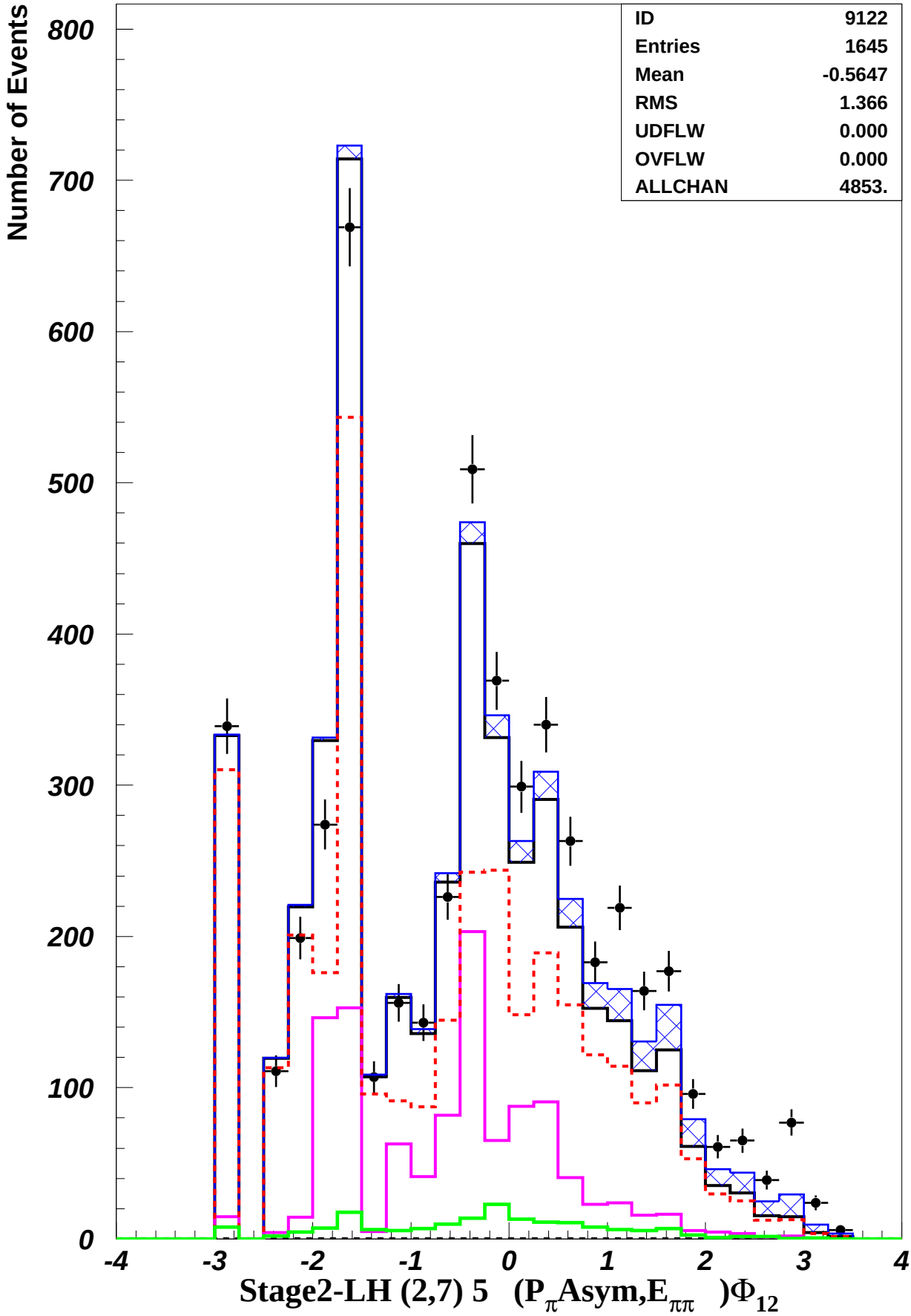

ID 9122
Entries 1645
Mean -0.6783
RMS 1.214
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,6) 5 (P$_{\pi}$Asym,M$_{\pi\pi}$)Φ_{12}

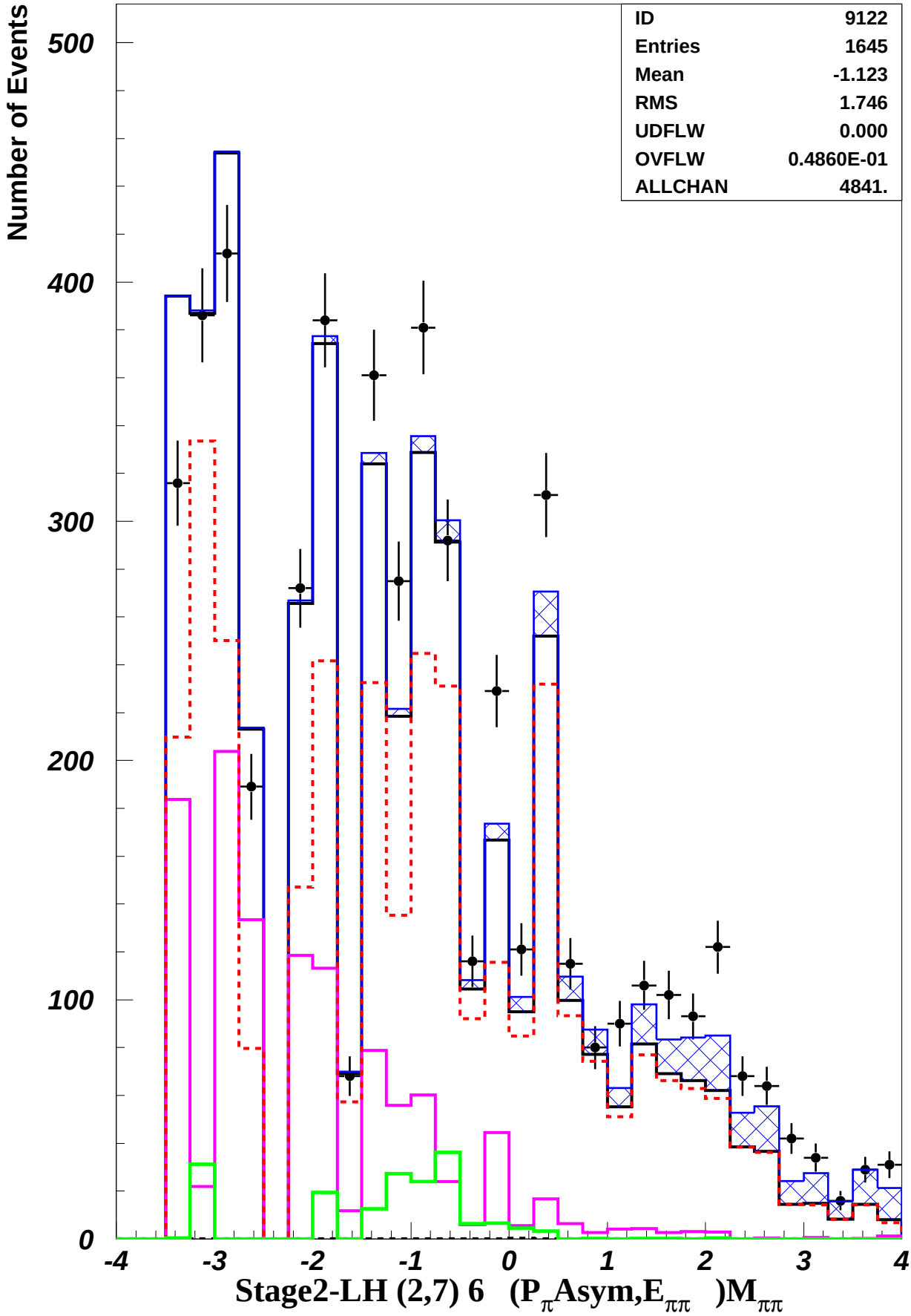

ID 9122
Entries 1645
Mean -1.080
RMS 1.755
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,6) 7 (P$_{\pi}$Asym,M$_{\pi\pi}$)E$_{\pi\pi}$

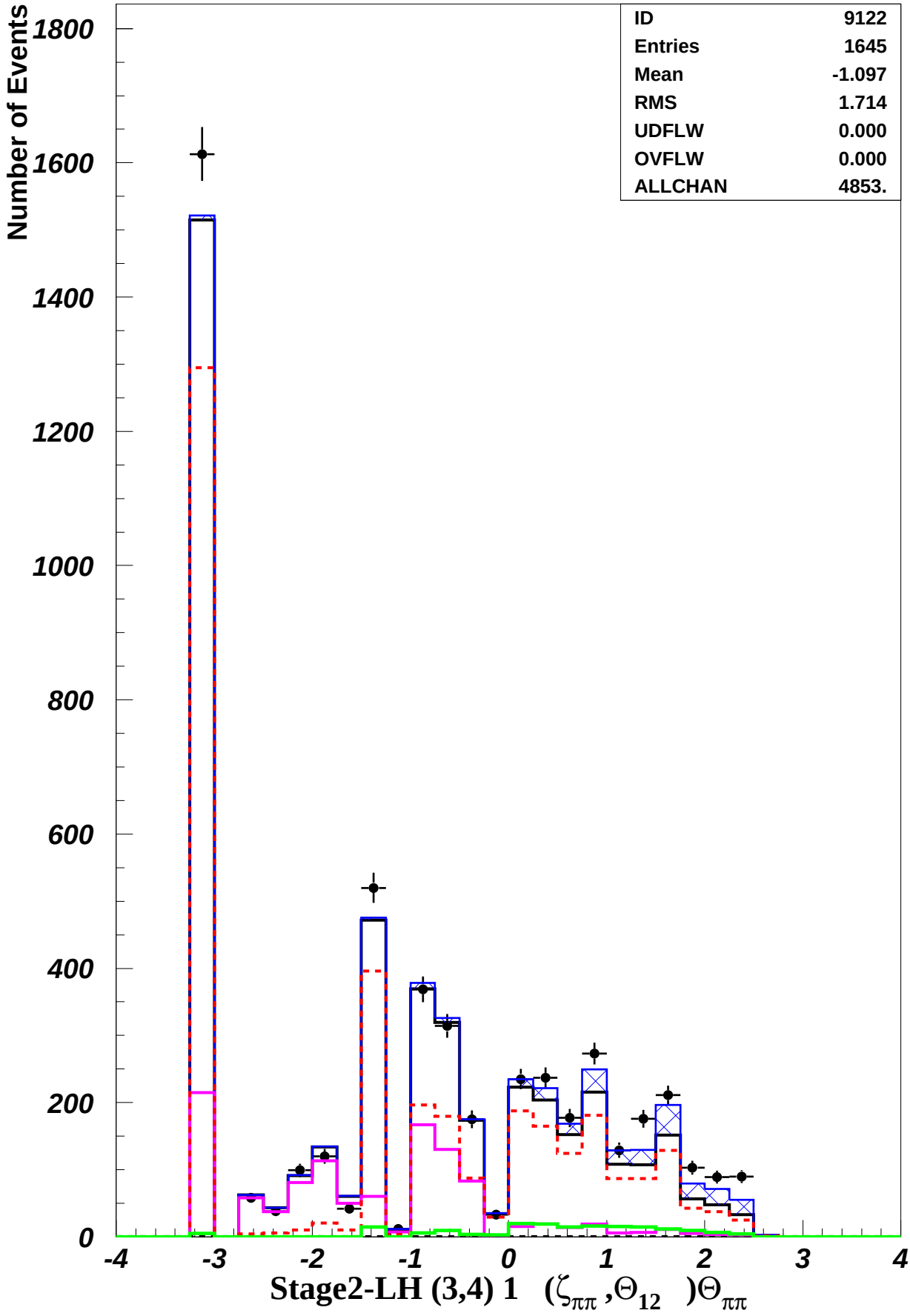

ID 9122
Entries 1645
Mean -0.6247
RMS 1.429
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,7) 1 (PπAsym,Eππ)Θππ

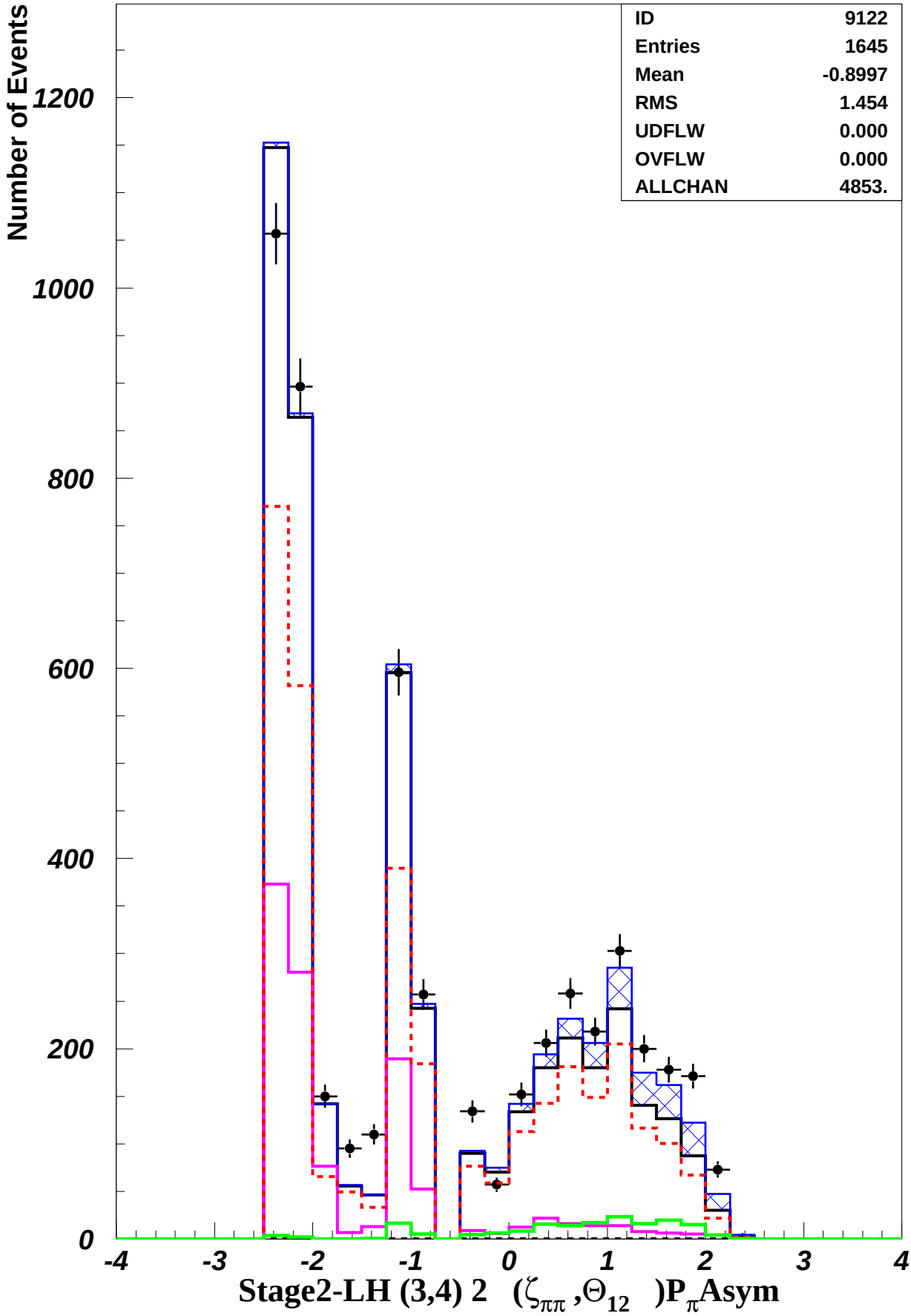

ID 9122
Entries 1645
Mean -0.8012
RMS 1.629
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
900
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,7) 3 (P$_{\pi}$Asym,E$_{\pi\pi}$)$\zeta_{\pi\pi}$

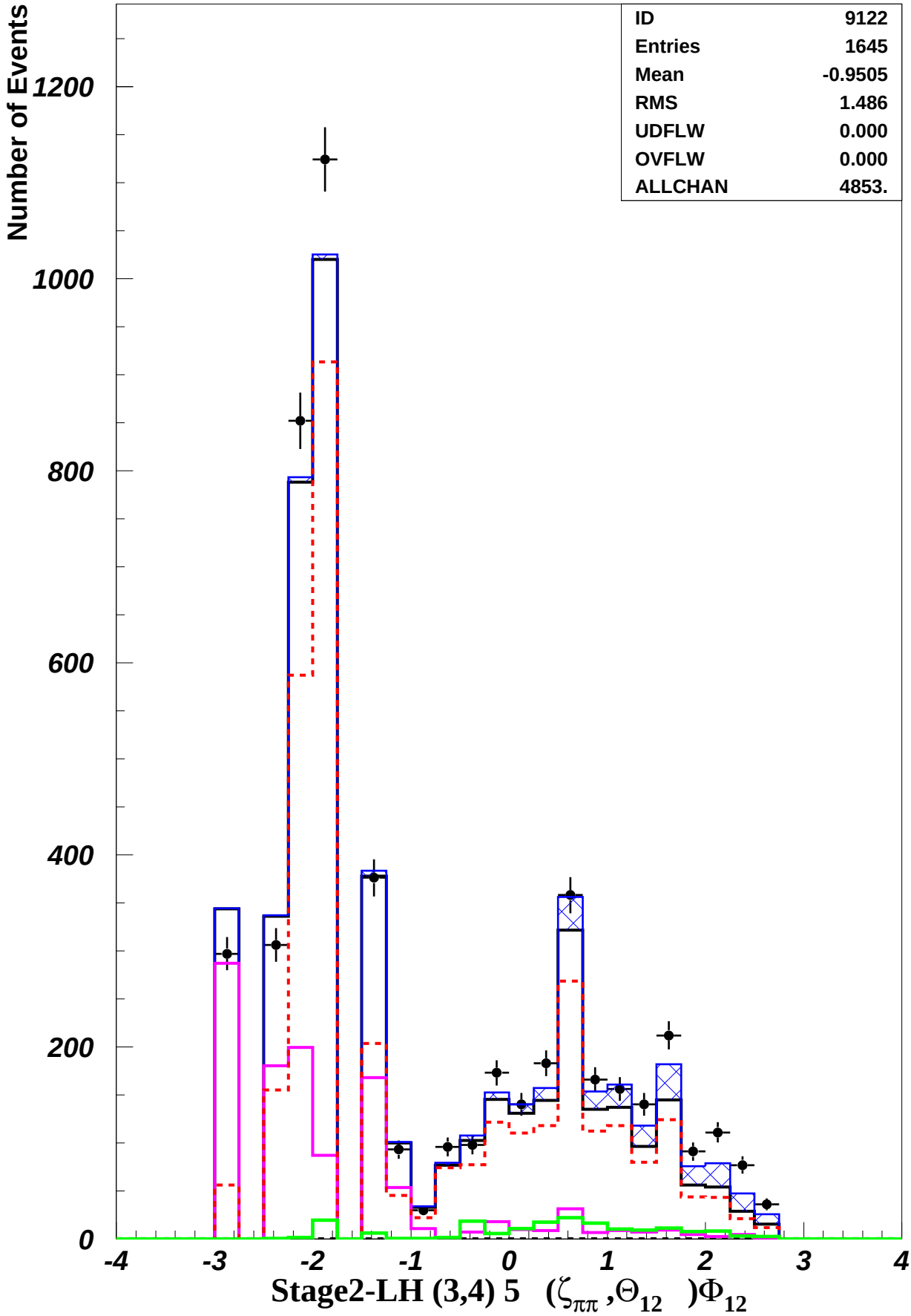

ID 9122
Entries 1645
Mean -0.5924
RMS 1.360
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,7) 4 (P$_{\pi}$Asym,E$_{\pi\pi}$)Θ_{12}

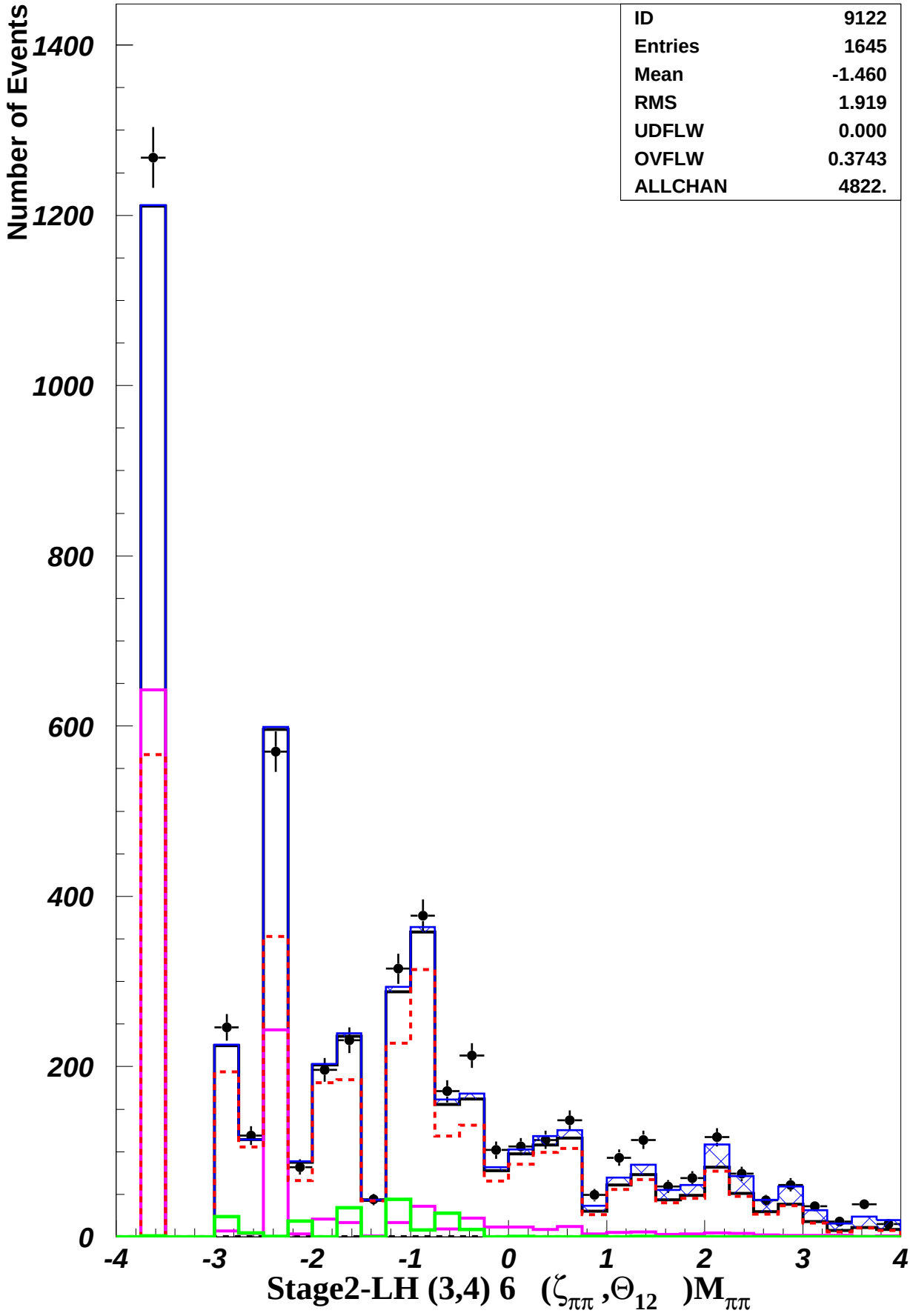

ID 9122
Entries 1645
Mean -0.5647
RMS 1.366
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,7) 5 (P$_{\pi}$Asym,E$_{\pi\pi}$)Φ_{12}

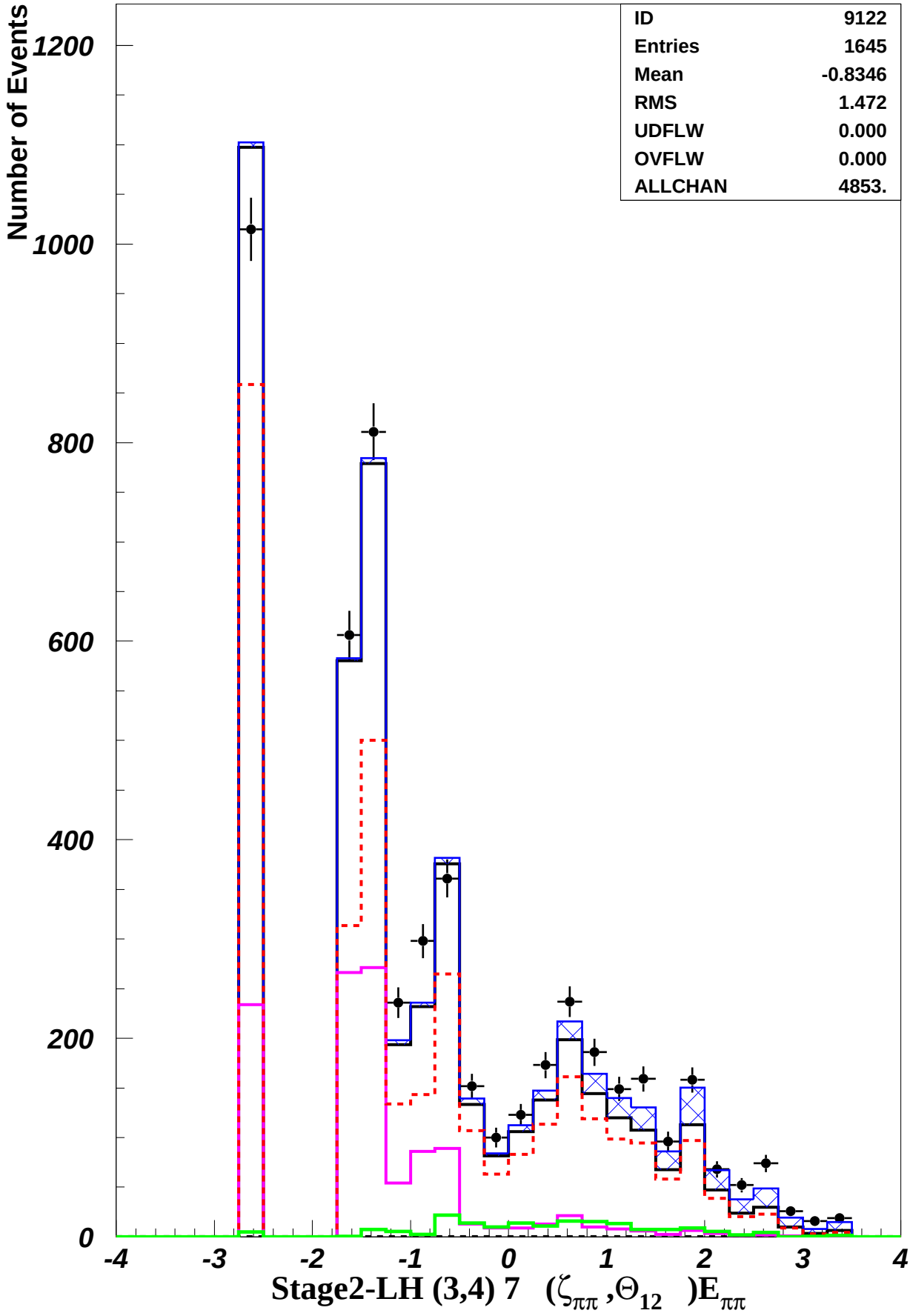

ID 9122
Entries 1645
Mean -1.123
RMS 1.746
UDFLW 0.000
OVFLW 0.4860E-01
ALLCHAN 4841.
Number of Events
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (2,7) 6 (P$_{\pi}$Asym,E$_{\pi\pi}$)M$_{\pi\pi}$

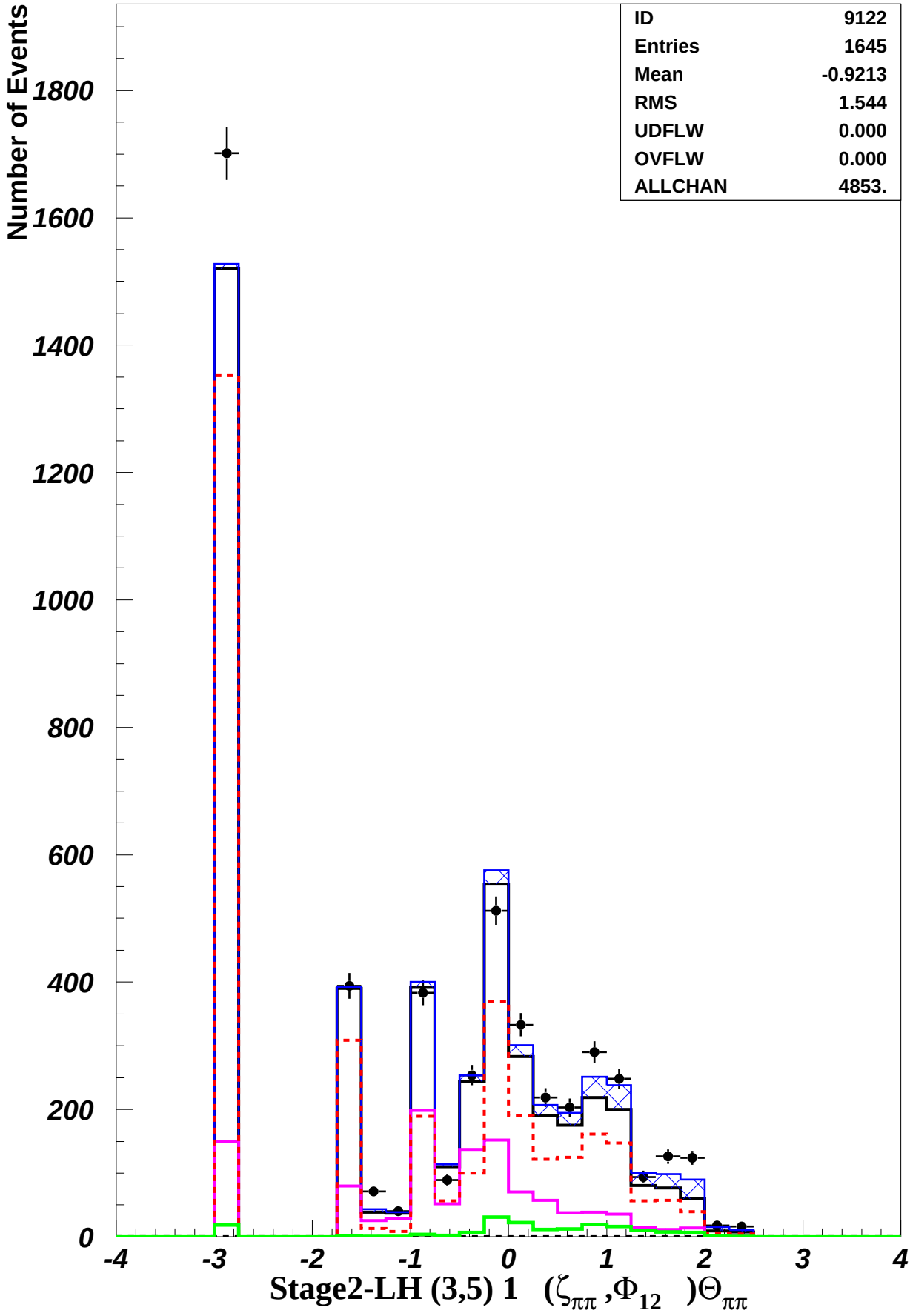

ID 9122
Entries 1645
Mean -1.097
RMS 1.714
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1800
1600
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,4) 1 $(\zeta_{\pi\pi}, \Theta_{12})\Theta_{\pi\pi}$

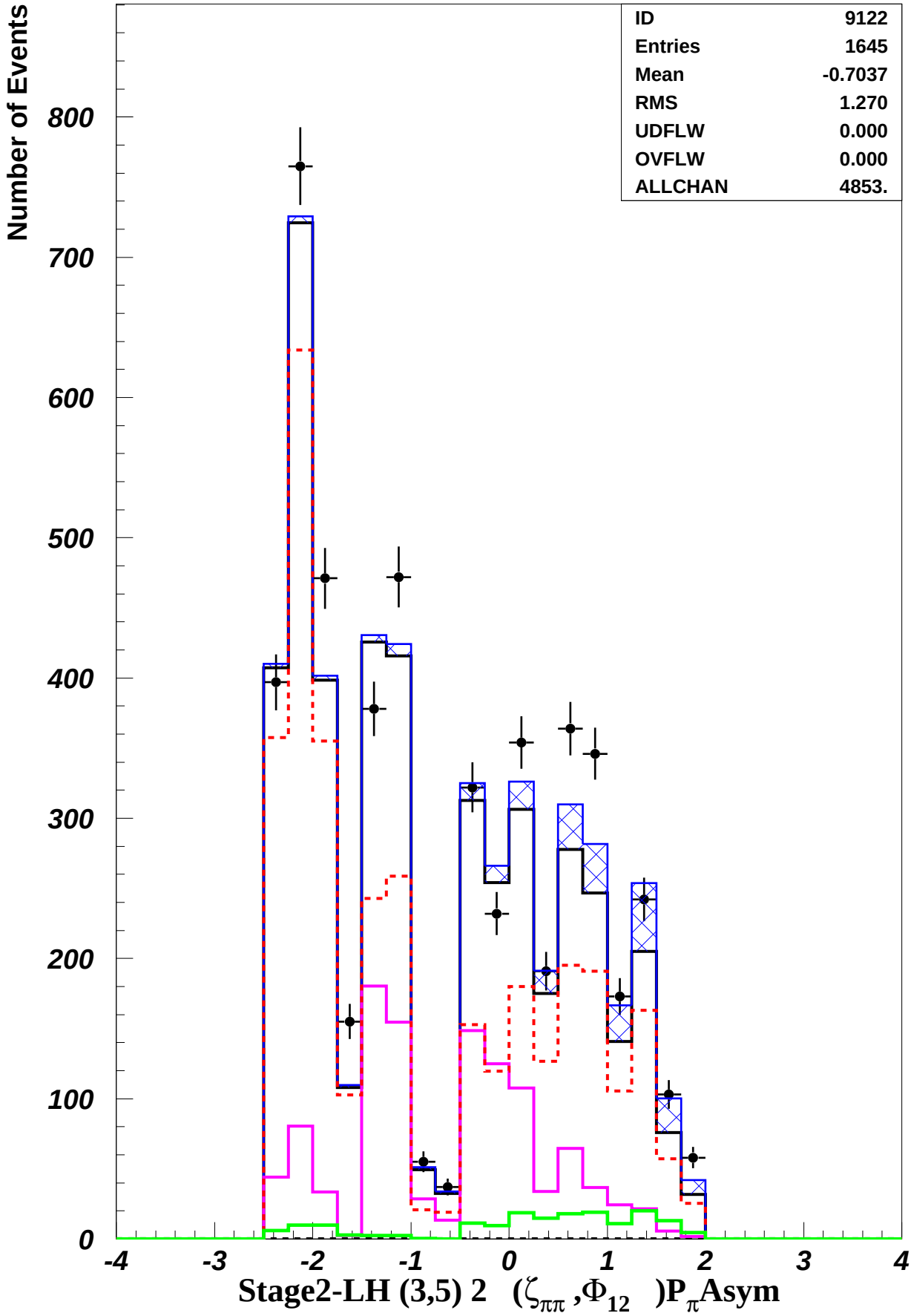

ID 9122
Entries 1645
Mean -0.8997
RMS 1.454
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,4) 2 ($\zeta_{\pi\pi}$,Θ_{12})P_{π}Asym

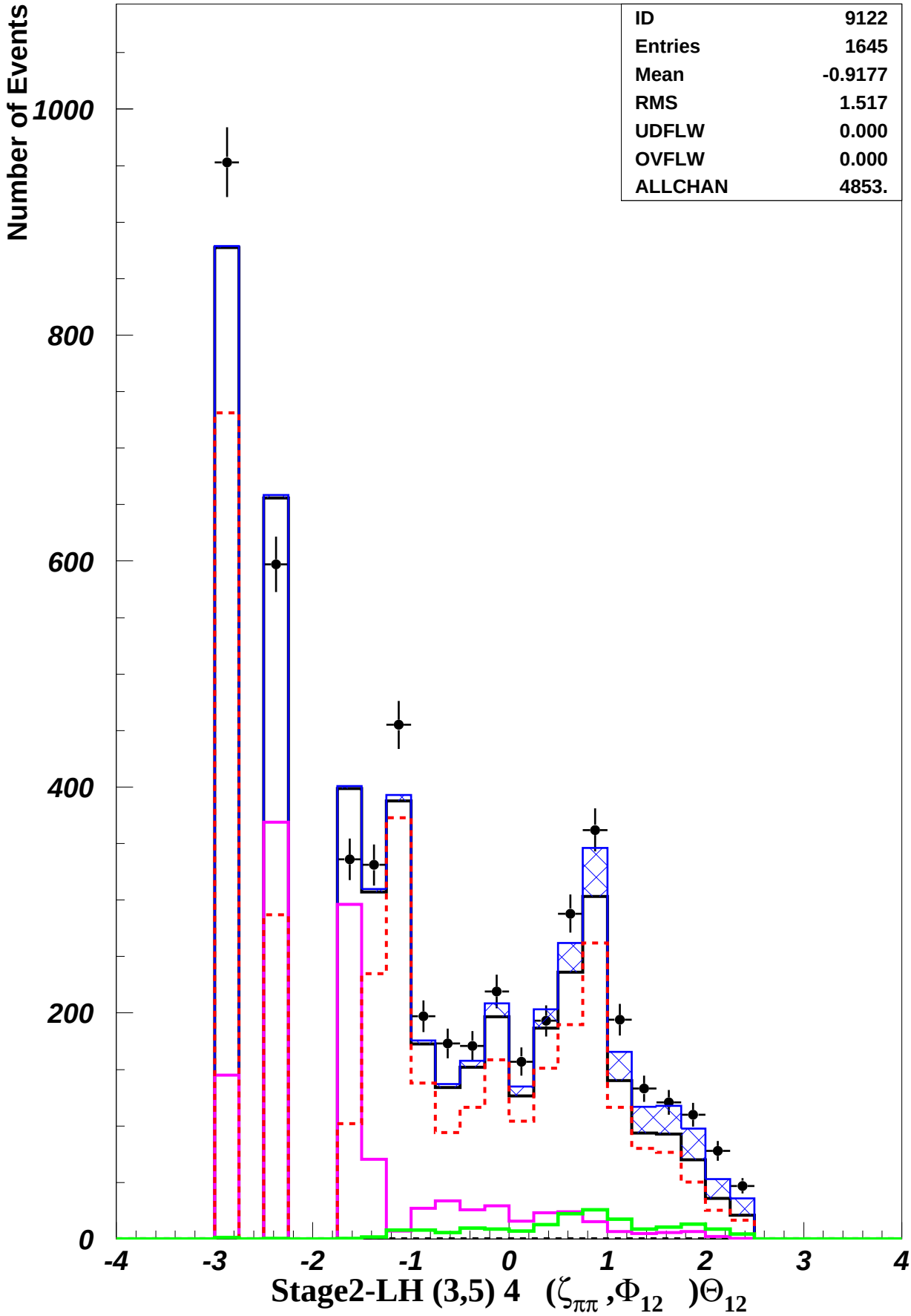

ID 9122
Entries 1645
Mean -0.9505
RMS 1.486
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,4) 5 $(\zeta_{\pi\pi}, \Theta_{12})\Phi_{12}$

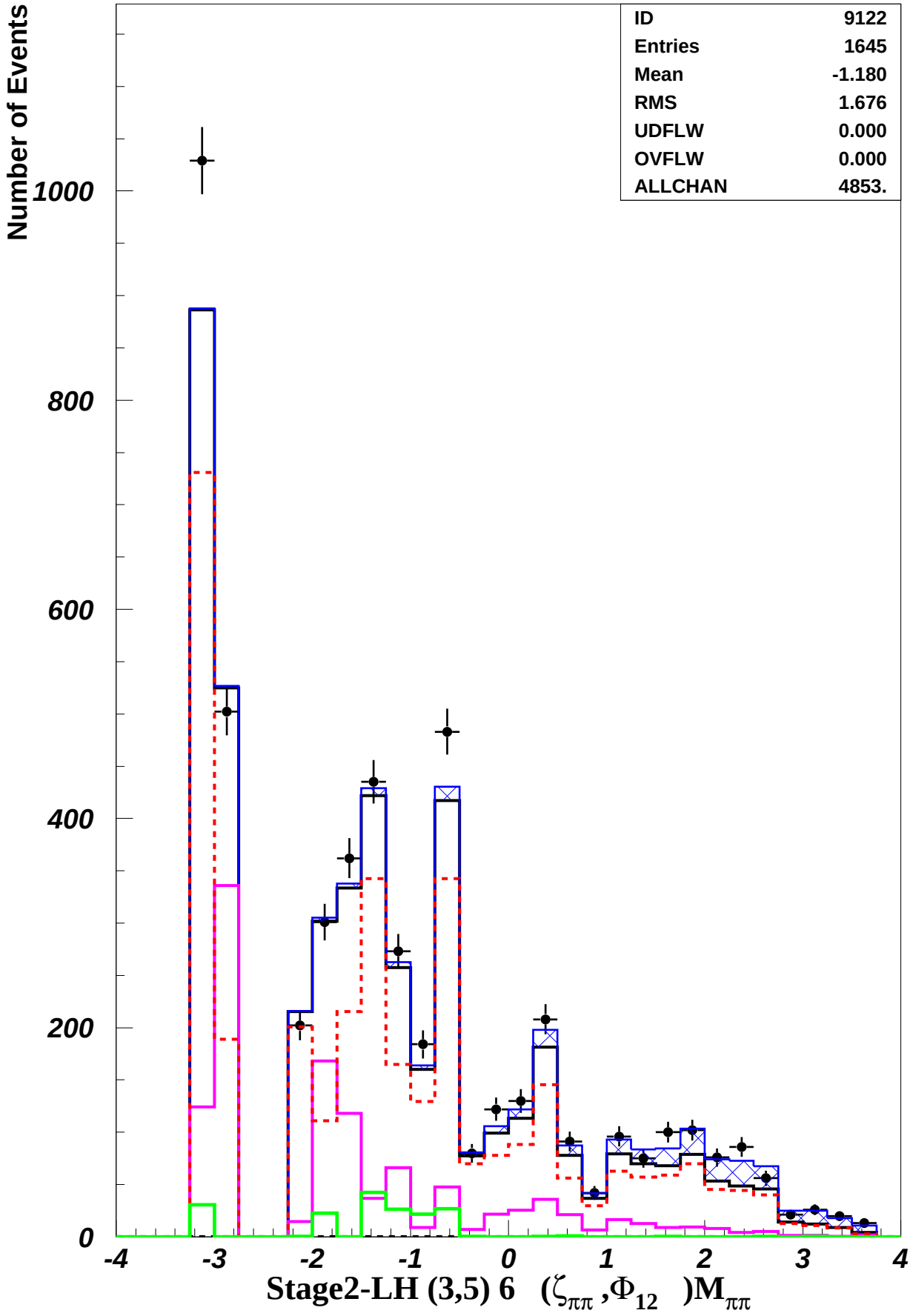

ID 9122
Entries 1645
Mean -1.460
RMS 1.919
UDFLW 0.000
OVFLW 0.3743
ALLCHAN 4822.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,4) 6 ($\zeta_{\pi\pi}$,Θ_{12})$M_{\pi\pi}$

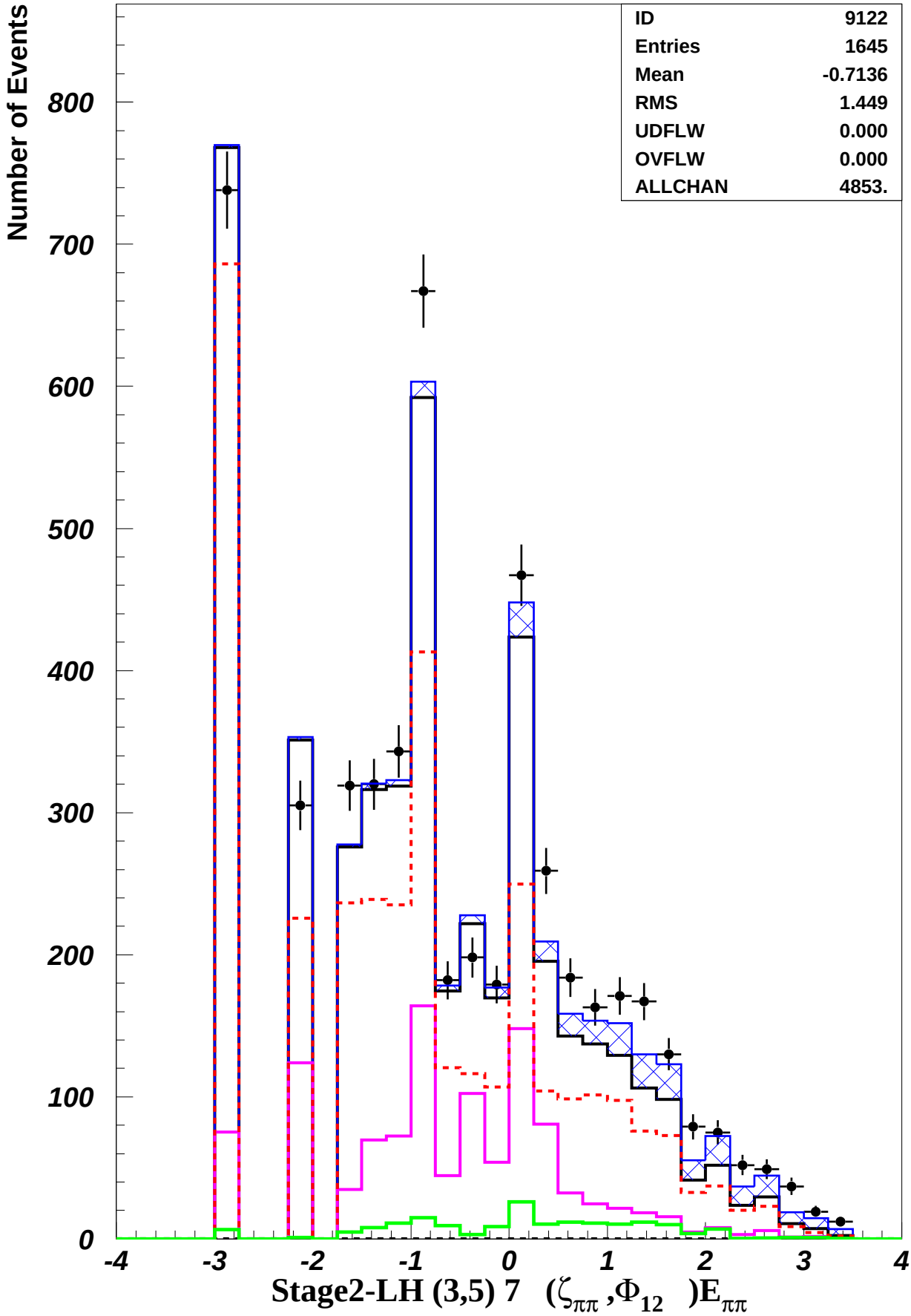

ID 9122
Entries 1645
Mean -0.8346
RMS 1.472
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,4) 7 $(\zeta_{\pi\pi}, \Theta_{12})E_{\pi\pi}$

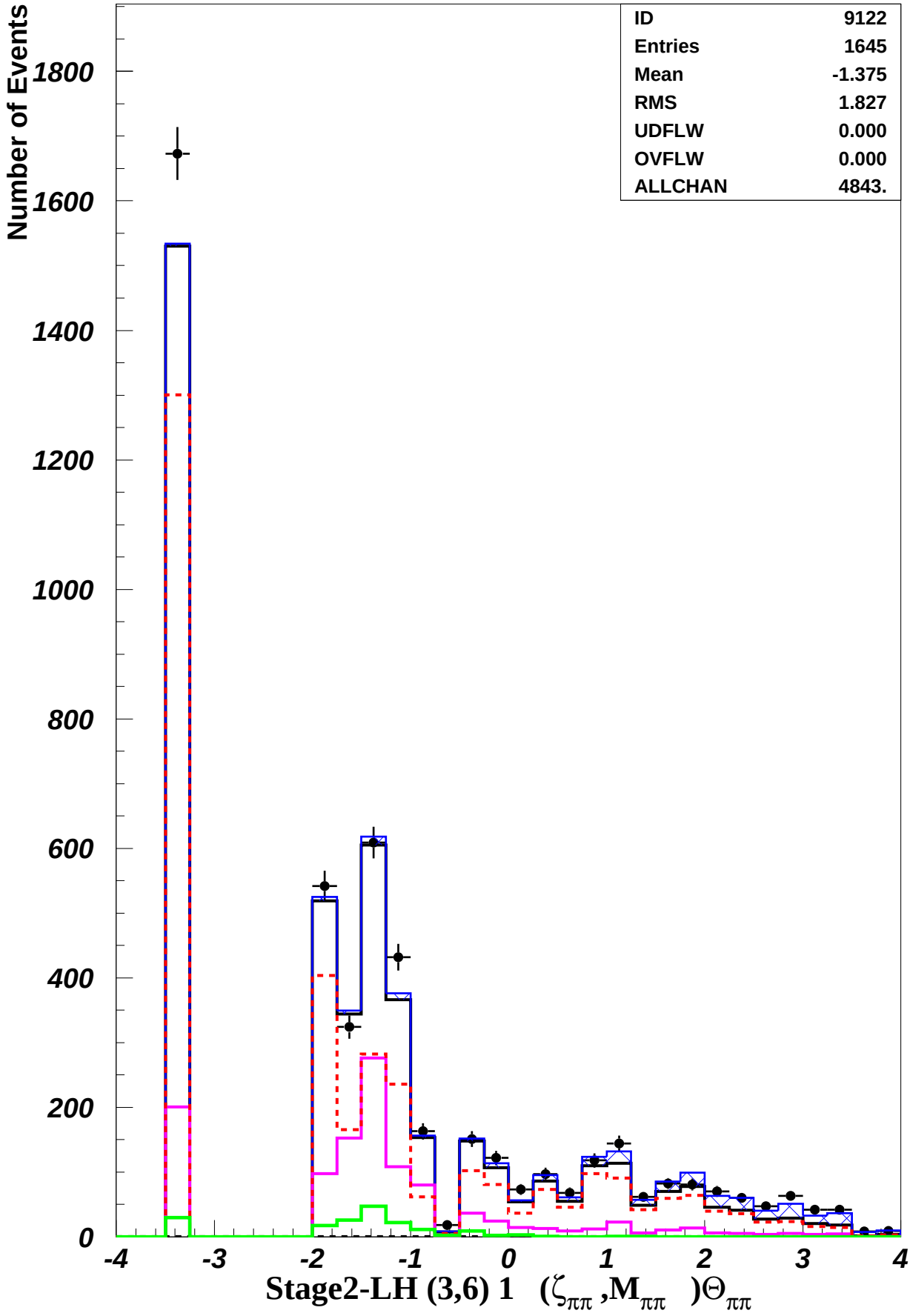

ID 9122
Entries 1645
Mean -0.9213
RMS 1.544
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,5) 1 $(\zeta_{\pi\pi}, \Phi_{12})\Theta_{\pi\pi}$

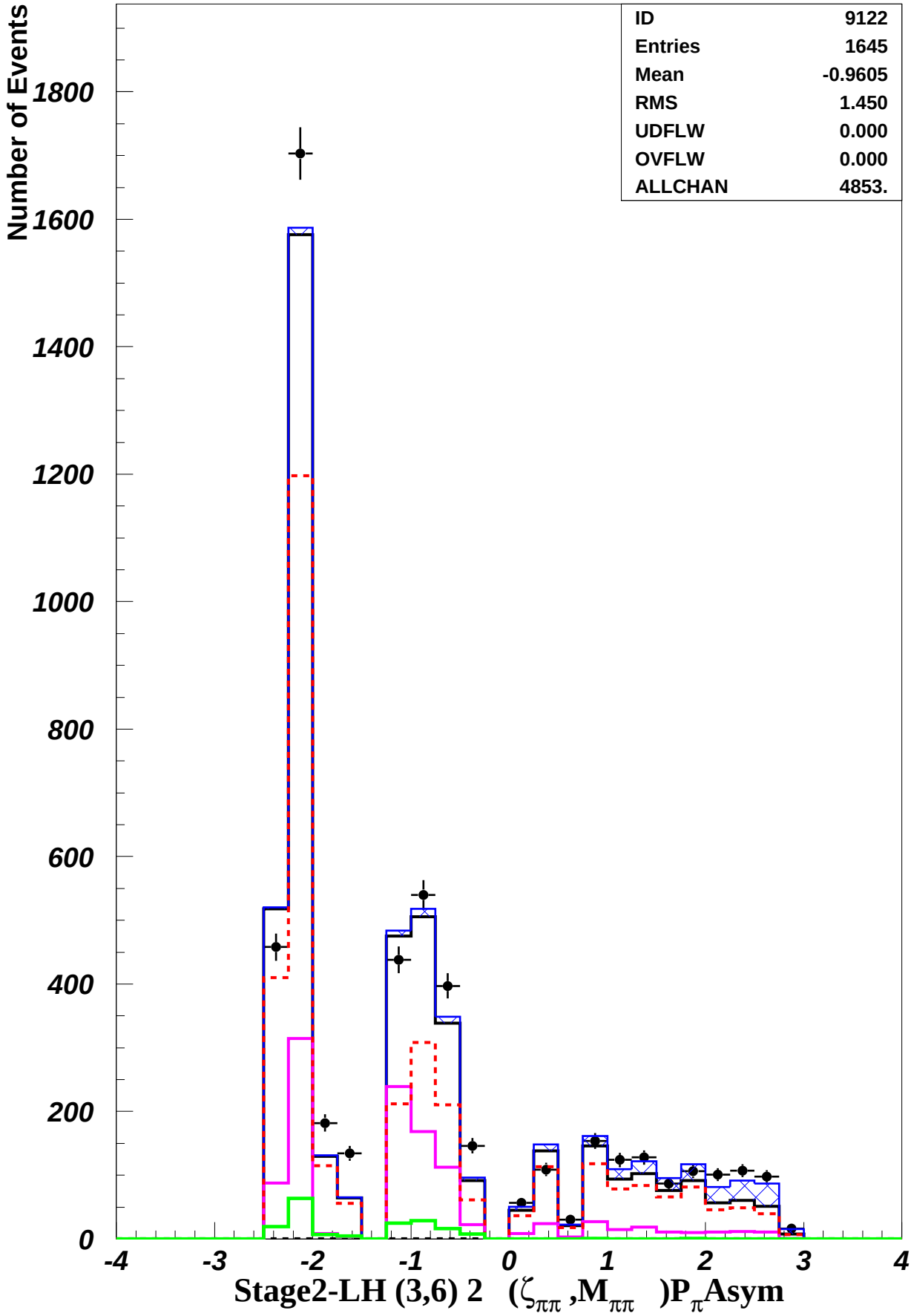

ID 9122
Entries 1645
Mean -0.7037
RMS 1.270
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,5) 2 ($\zeta_{\pi\pi}$,Φ_{12})P_{π}Asym

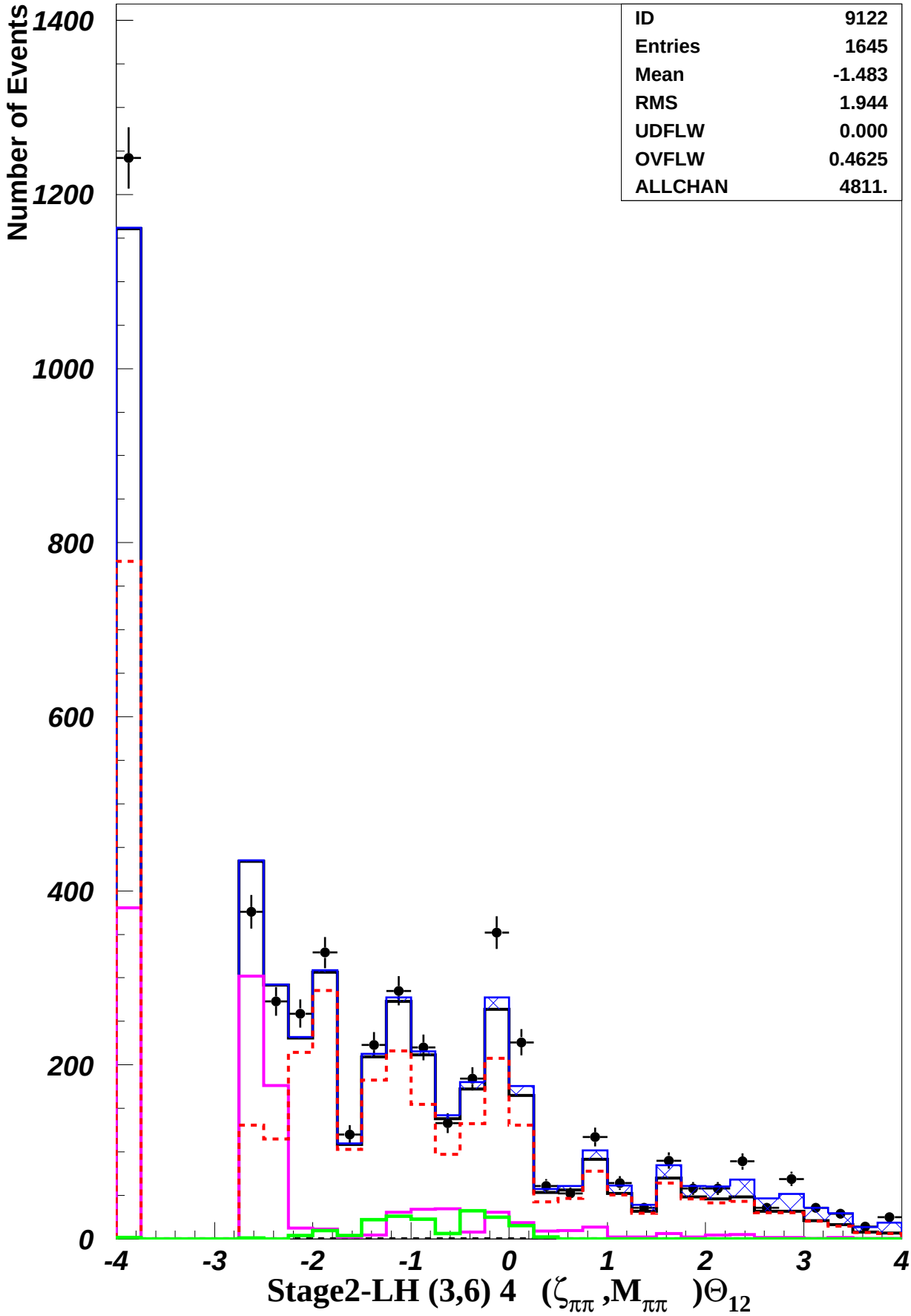

ID 9122
Entries 1645
Mean -0.9177
RMS 1.517
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,5) 4 $(\zeta_{\pi\pi}, \Phi_{12})\Theta_{12}$

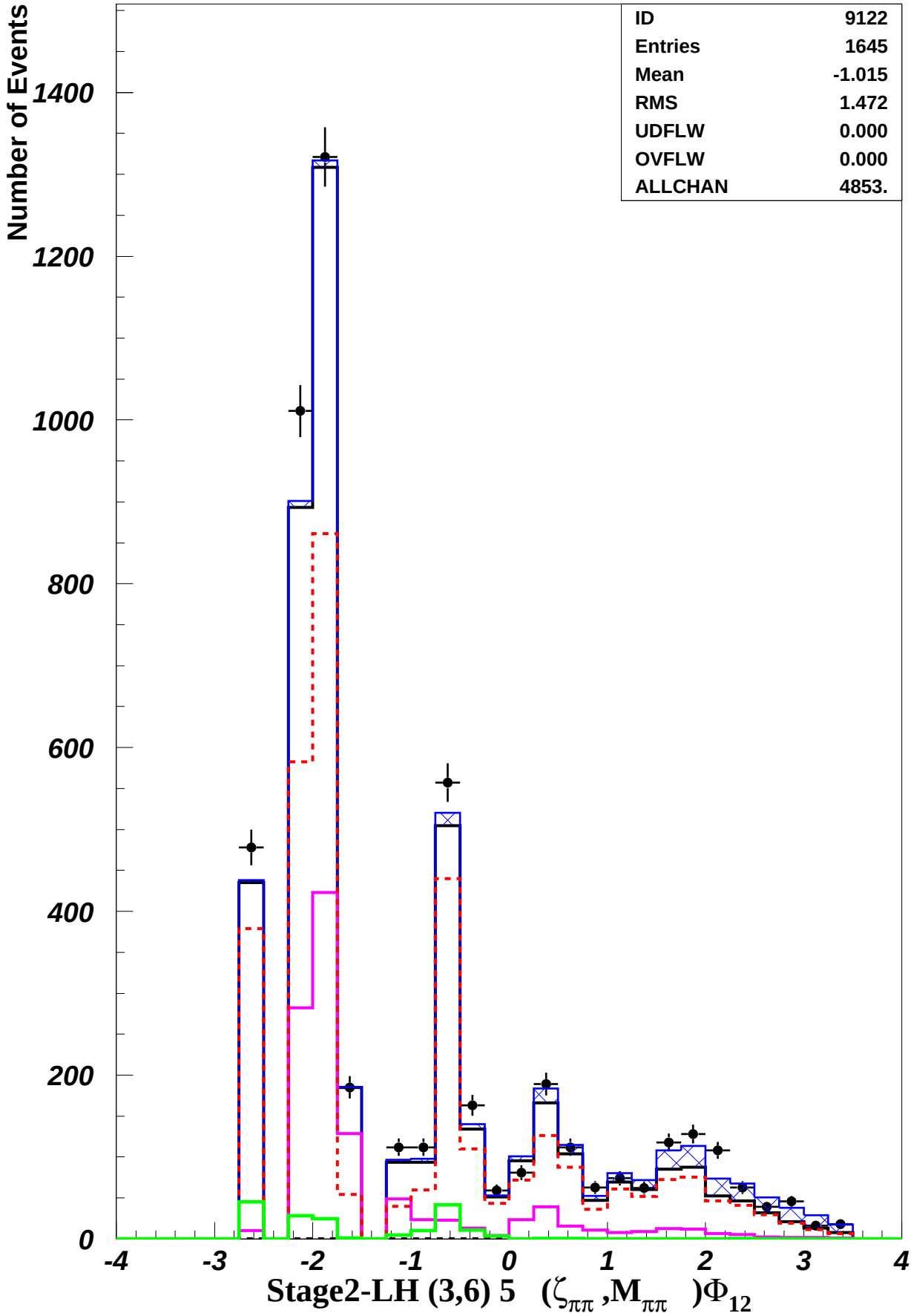

ID 9122
Entries 1645
Mean -1.180
RMS 1.676
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,5) 6 ($\zeta_{\pi\pi}$,Φ_{12})$M_{\pi\pi}$

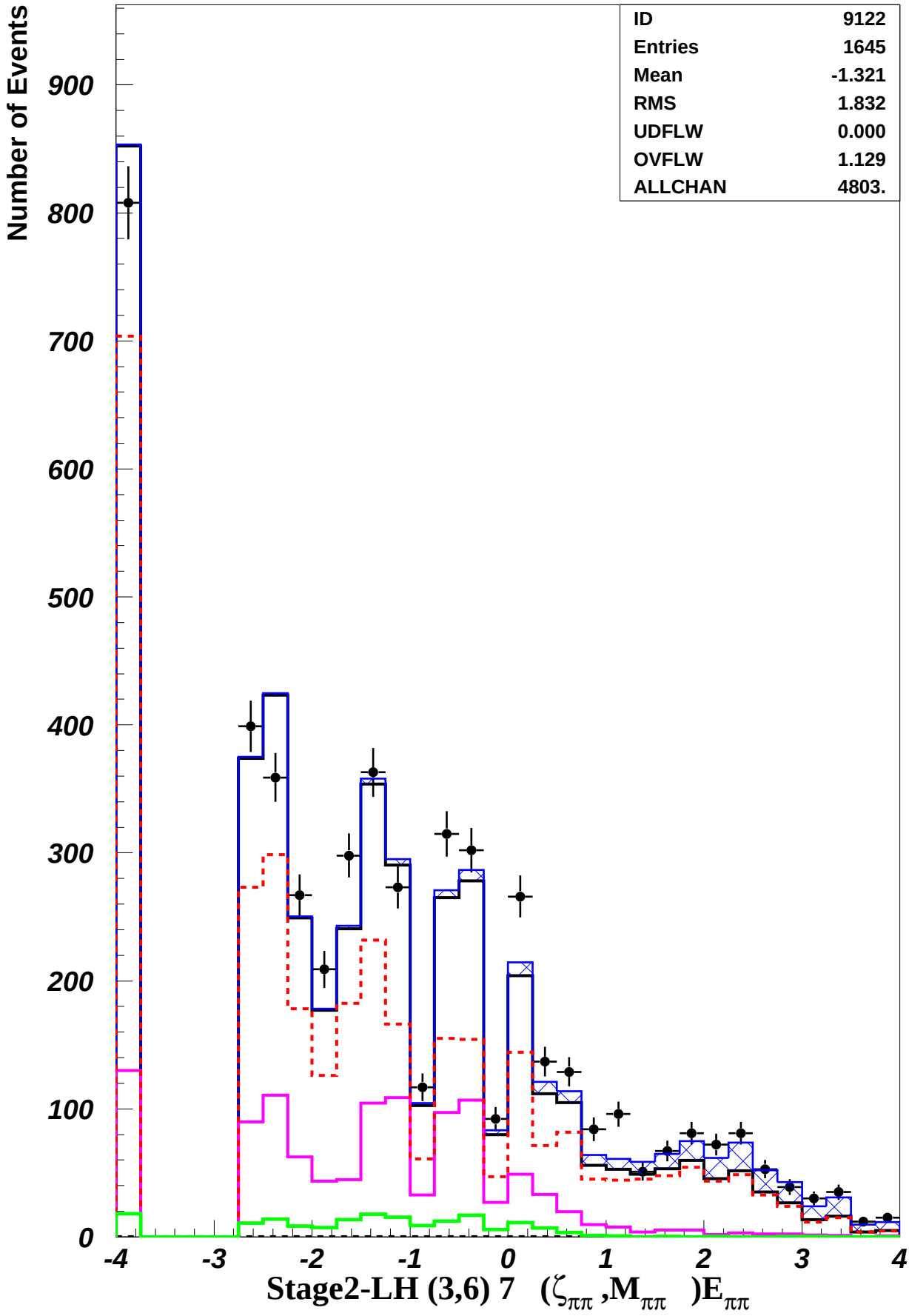

ID 9122
Entries 1645
Mean -0.7136
RMS 1.449
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,5) 7 $(\zeta_{\pi\pi}, \Phi_{12})E_{\pi\pi}$

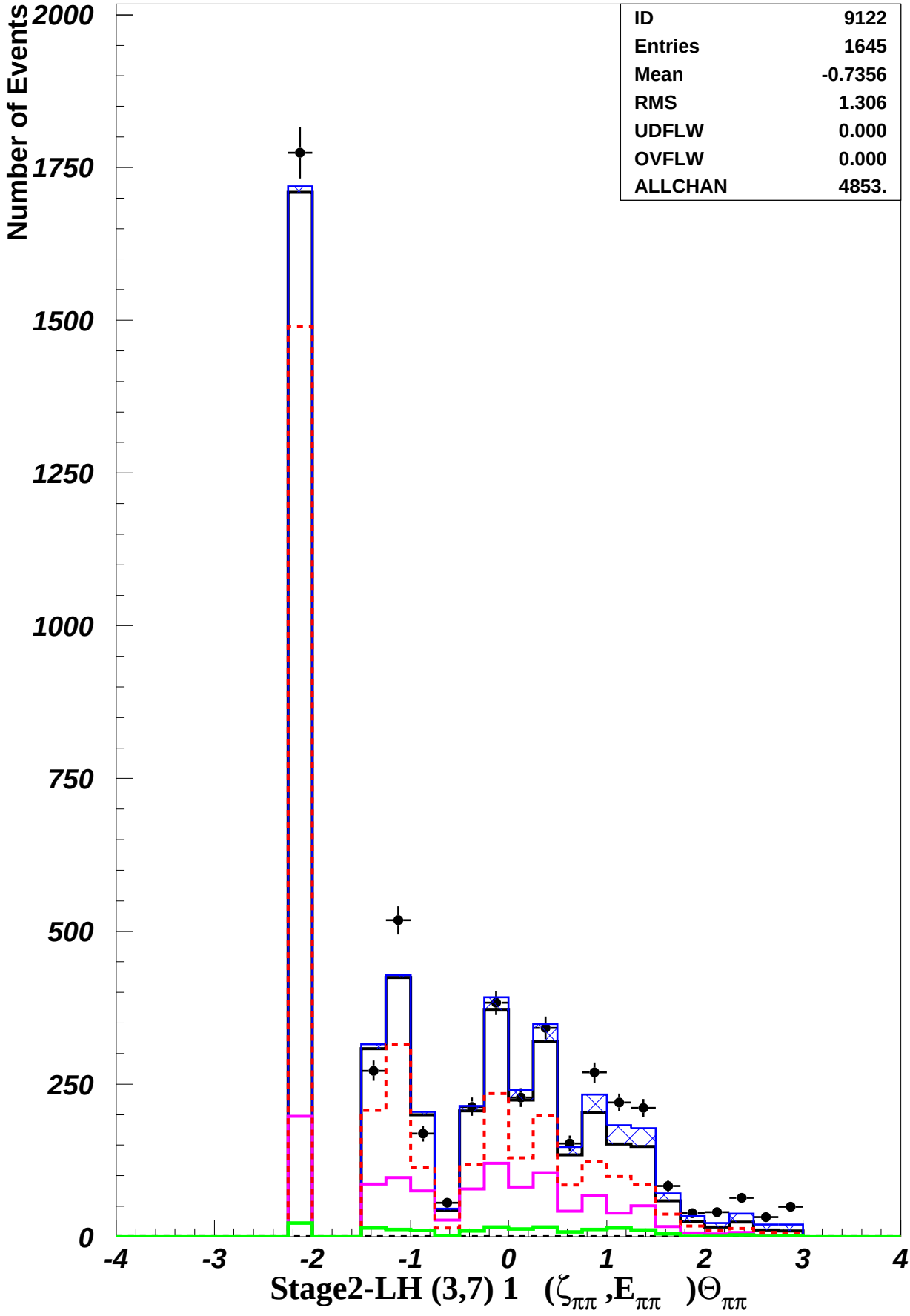

ID 9122
Entries 1645
Mean -1.375
RMS 1.827
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4843.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,6) 1 $(\zeta_{\pi\pi}, M_{\pi\pi})\Theta_{\pi\pi}$

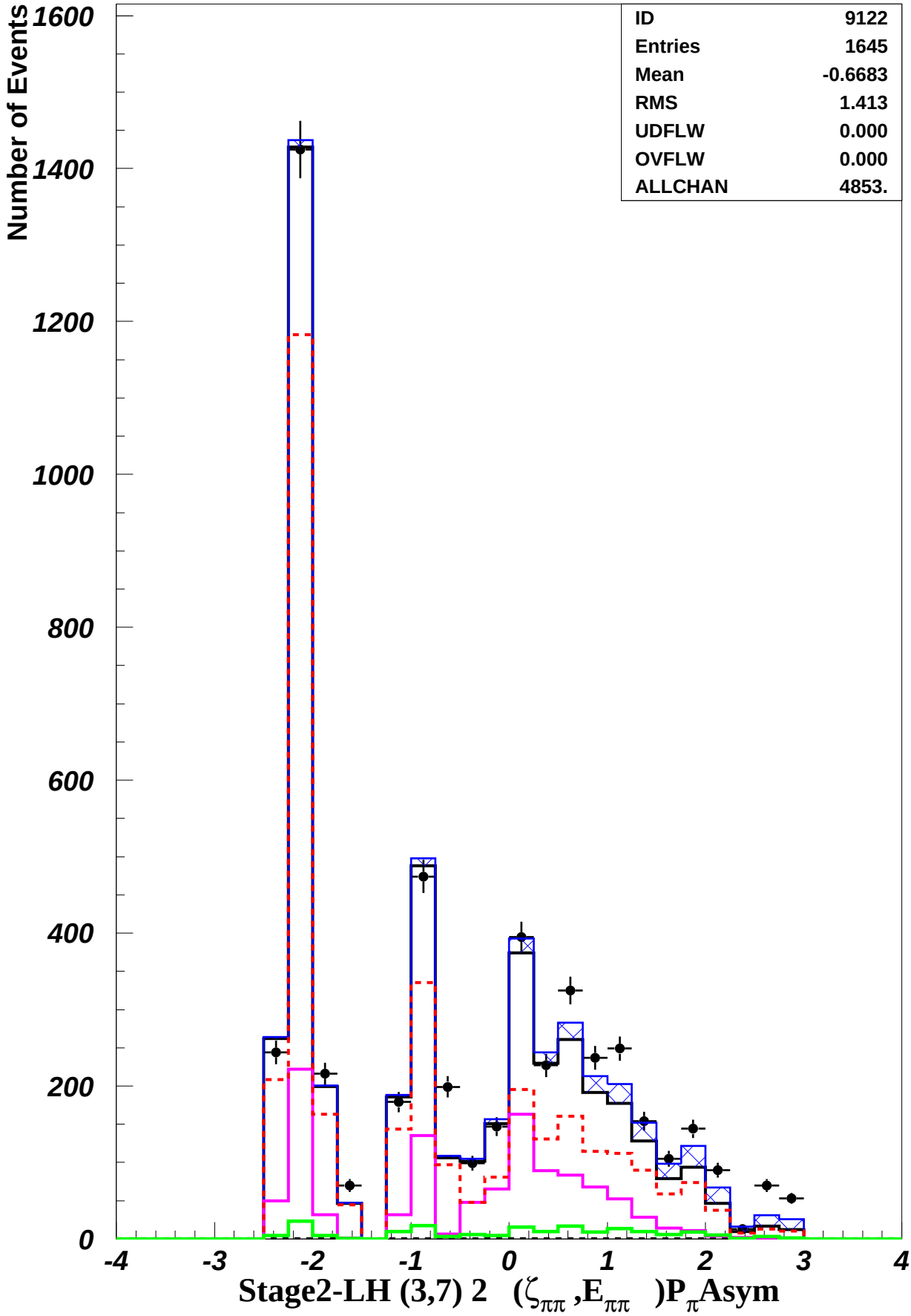

ID 9122
Entries 1645
Mean -0.9605
RMS 1.450
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,6) 2 ($\zeta_{\pi\pi}$,$M_{\pi\pi}$)P_{π}Asym

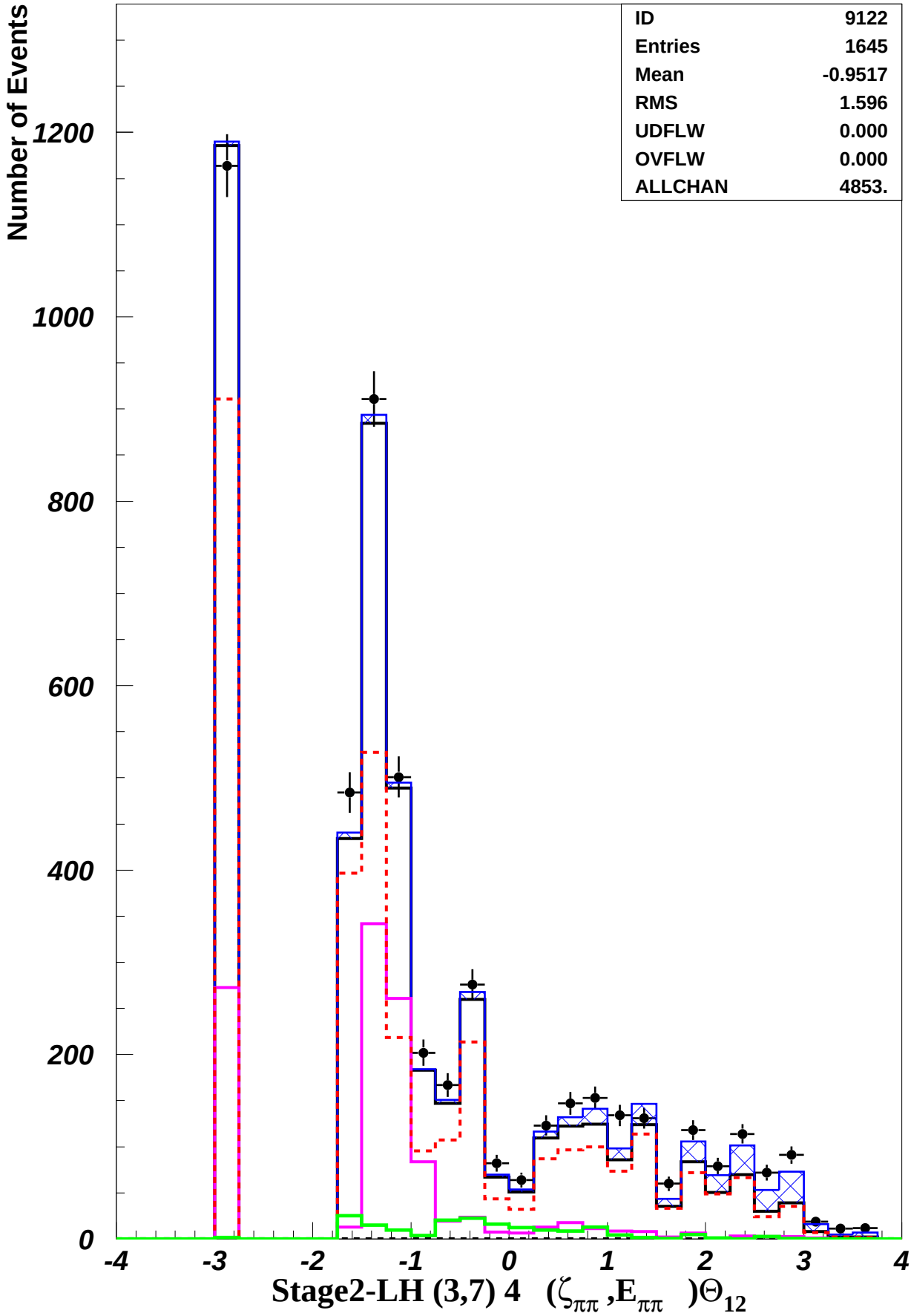

ID 9122
Entries 1645
Mean -1.483
RMS 1.944
UDFLW 0.000
OVFLW 0.4625
ALLCHAN 4811.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,6) 4 ($\zeta_{\pi\pi}$,$M_{\pi\pi}$)Θ_{12}

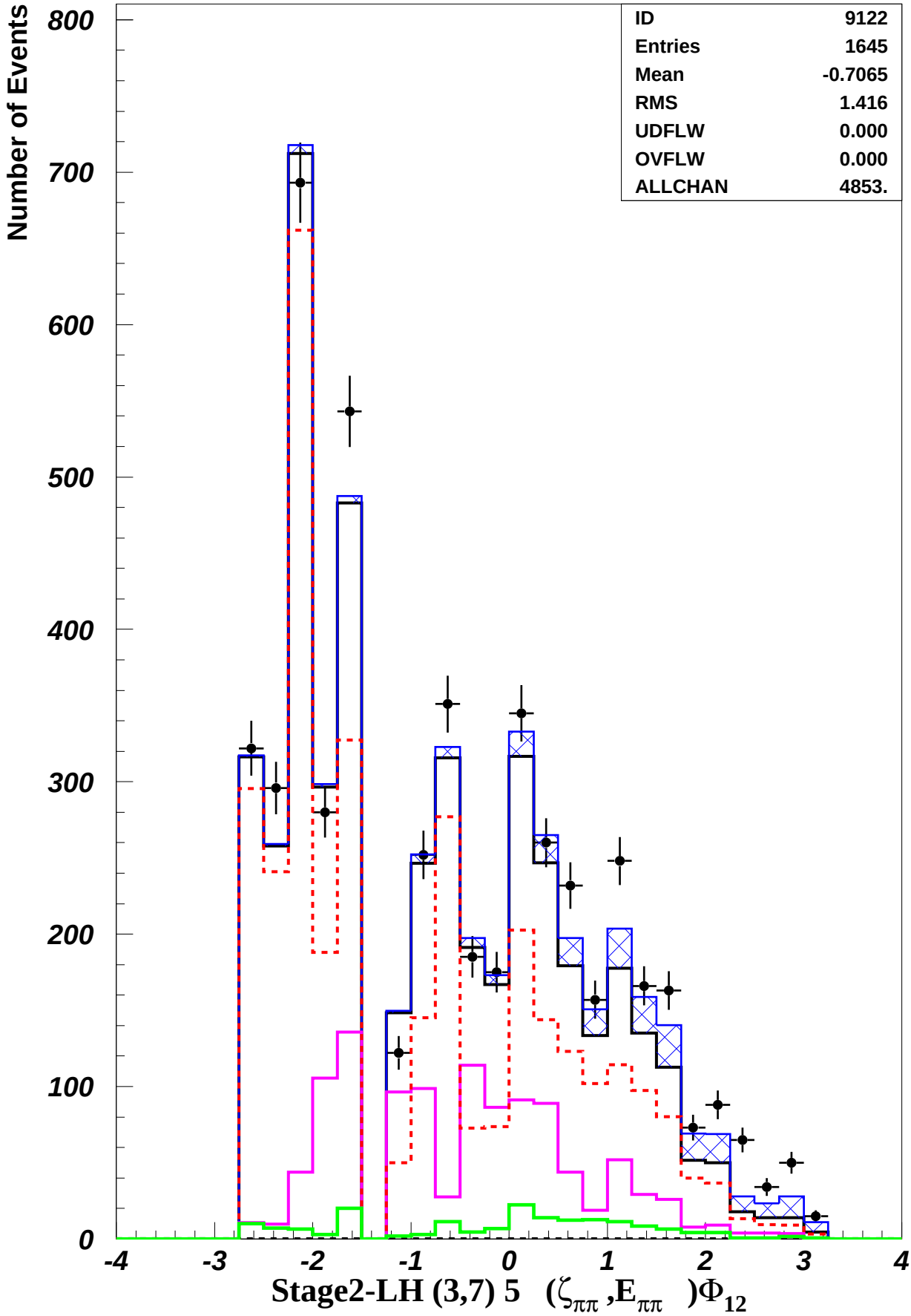

ID 9122
Entries 1645
Mean -1.015
RMS 1.472
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
1400
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,6) 5 $(\zeta_{\pi\pi}, M_{\pi\pi})\Phi_{12}$

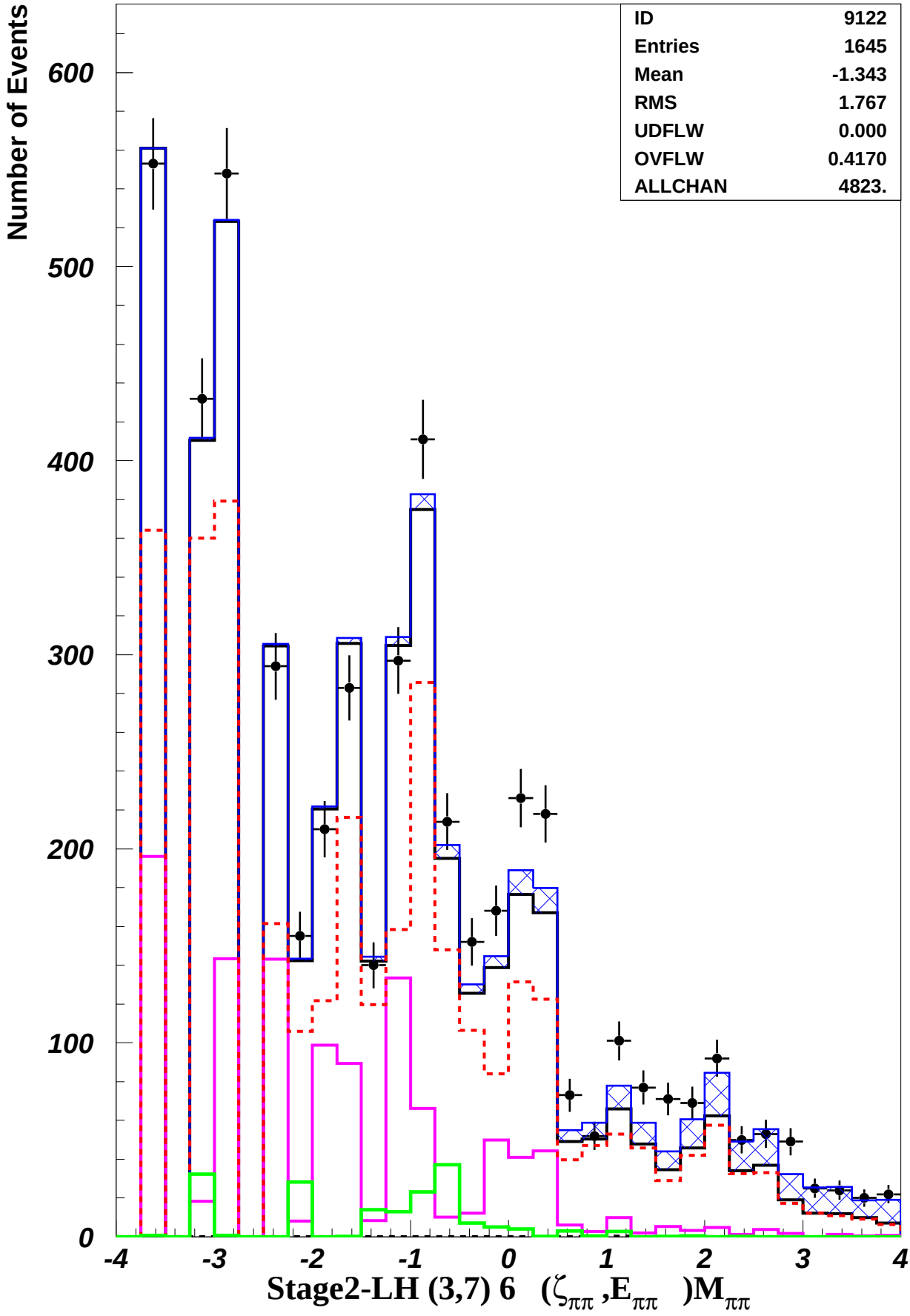

ID 9122
Entries 1645
Mean -1.321
RMS 1.832
UDFLW 0.000
OVFLW 1.129
ALLCHAN 4803.
Number of Events
900
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,6) 7 ($\zeta_{\pi\pi}$,$M_{\pi\pi}$)$E_{\pi\pi}$

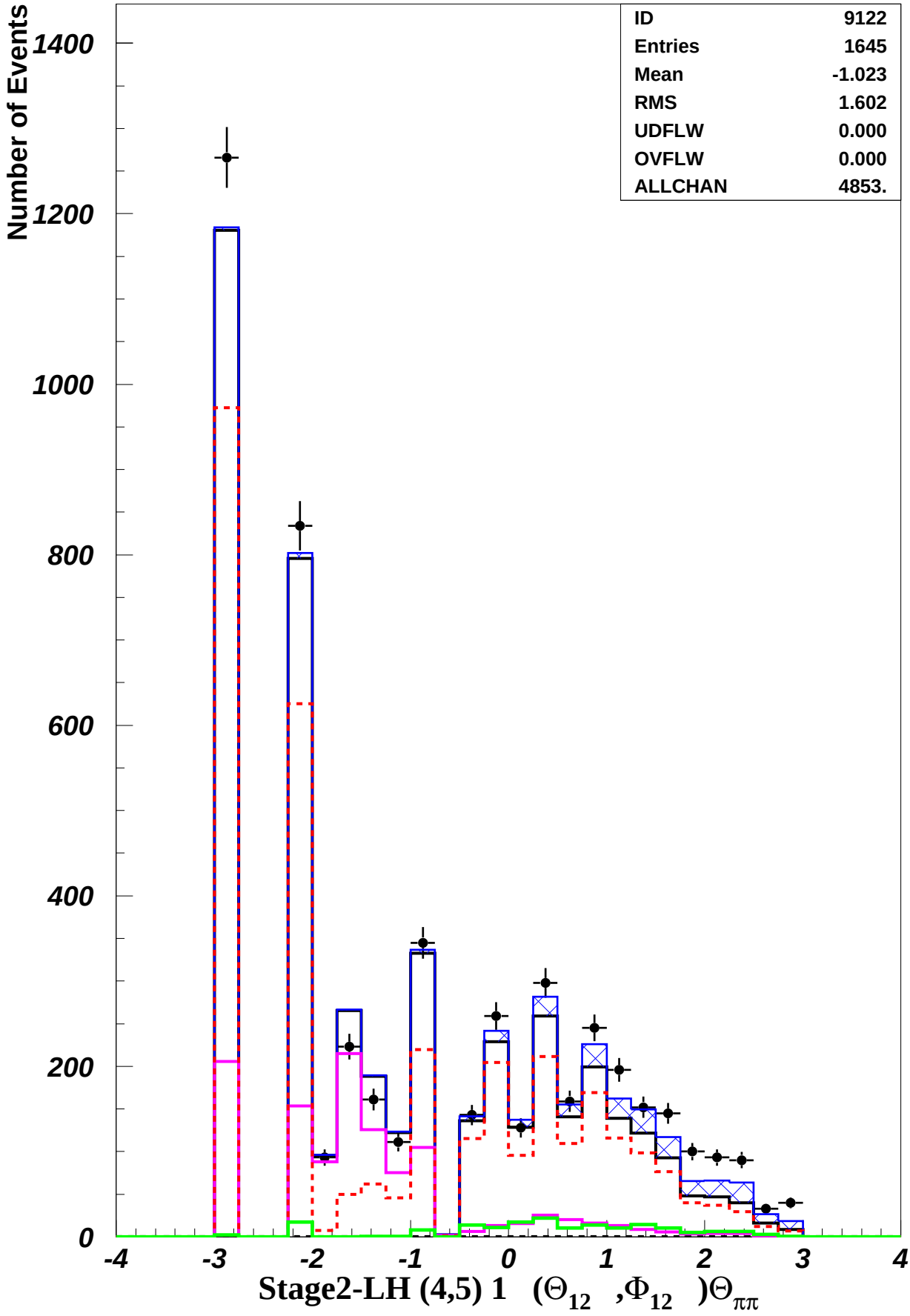

ID 9122
Entries 1645
Mean -0.7356
RMS 1.306
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
2000
1750
1500
1250
1000
750
500
250
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,7) 1 $(\zeta_{\pi\pi}, E_{\pi\pi})\Theta_{\pi\pi}$

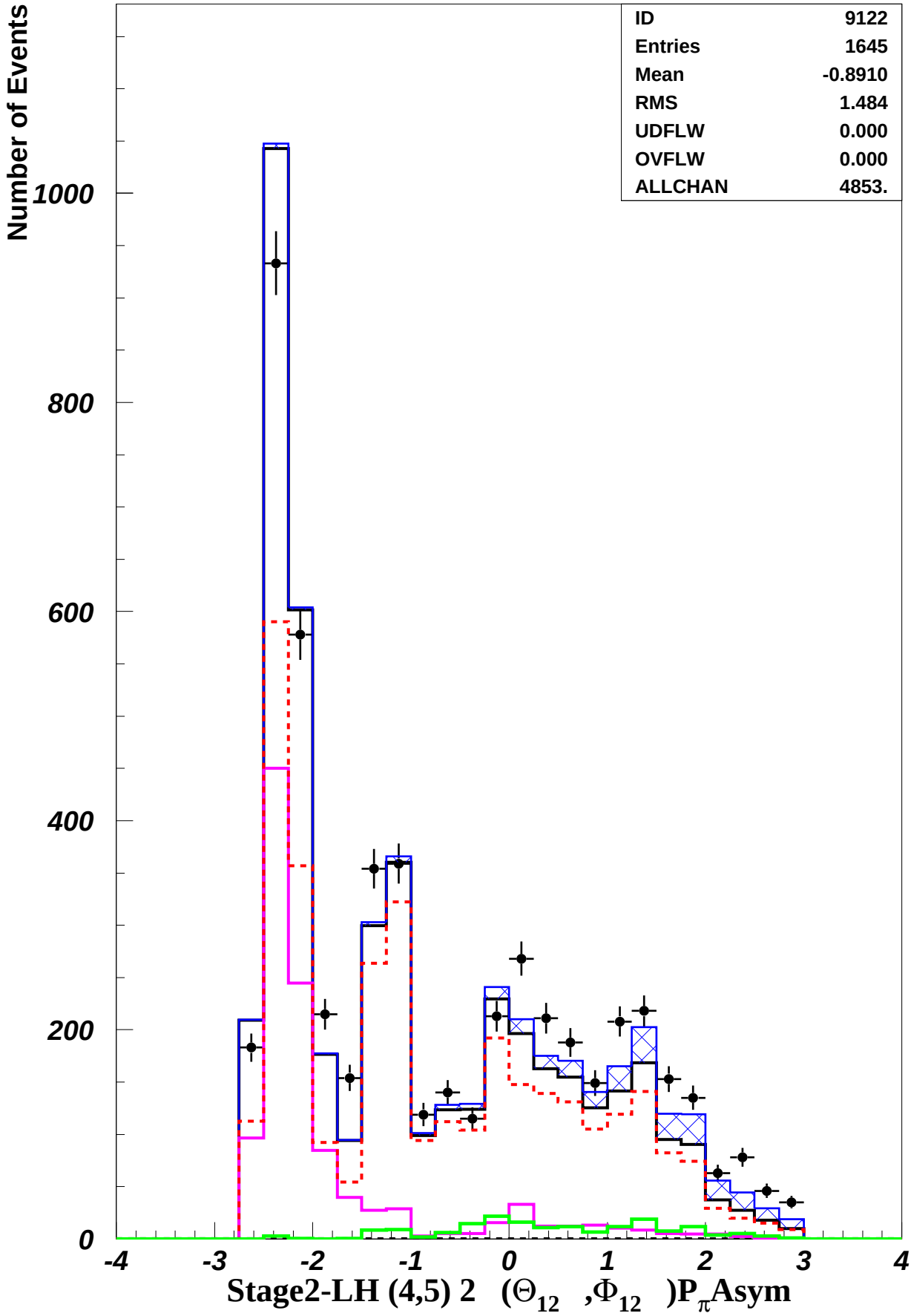

ID 9122
Entries 1645
Mean -0.6683
RMS 1.413
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1600
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,7) 2 ($\zeta_{\pi\pi}$,$E_{\pi\pi}$)P_{π}Asym

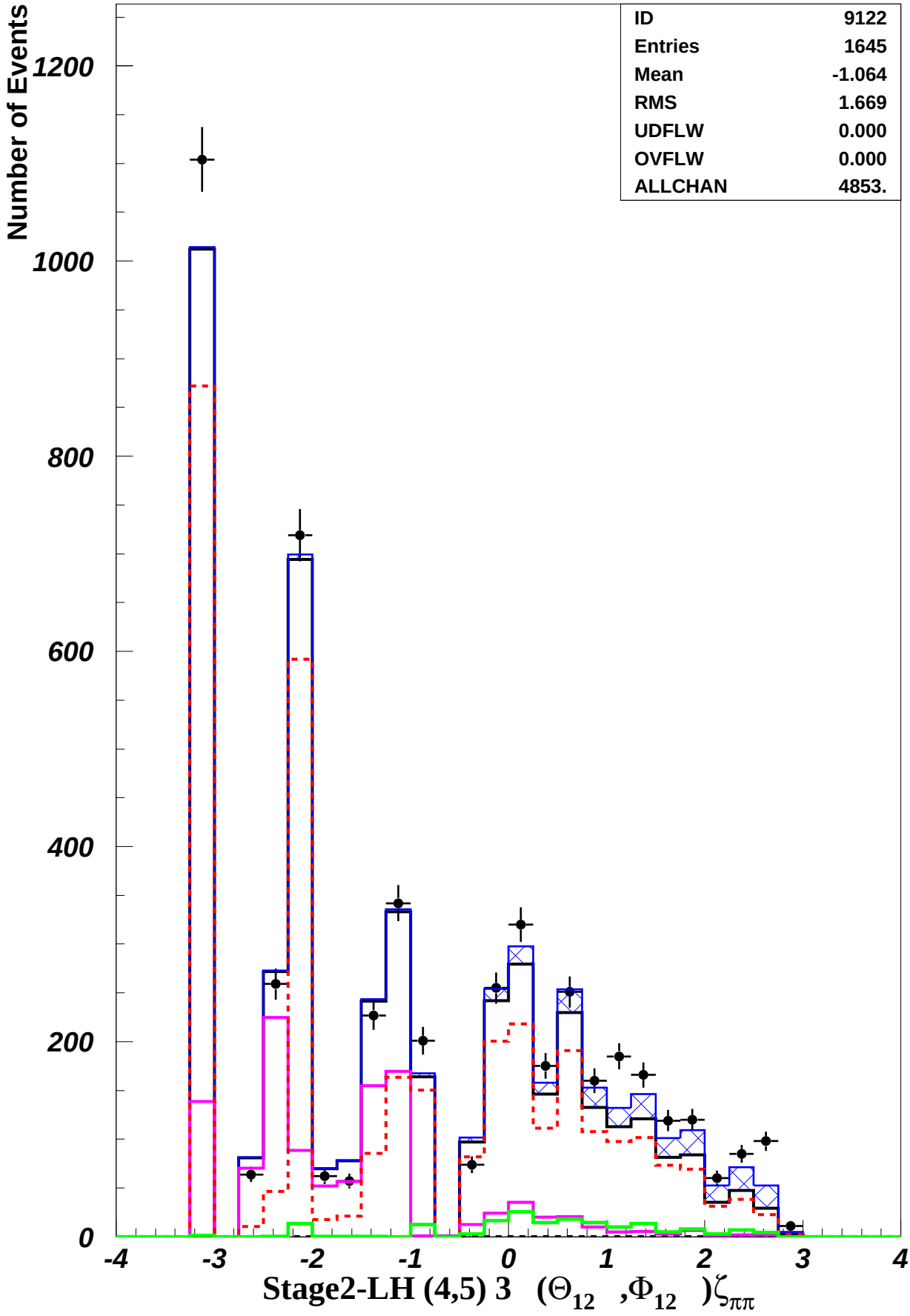

ID 9122
Entries 1645
Mean -0.9517
RMS 1.596
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,7) 4 ($\zeta_{\pi\pi}$,$E_{\pi\pi}$)Θ_{12}

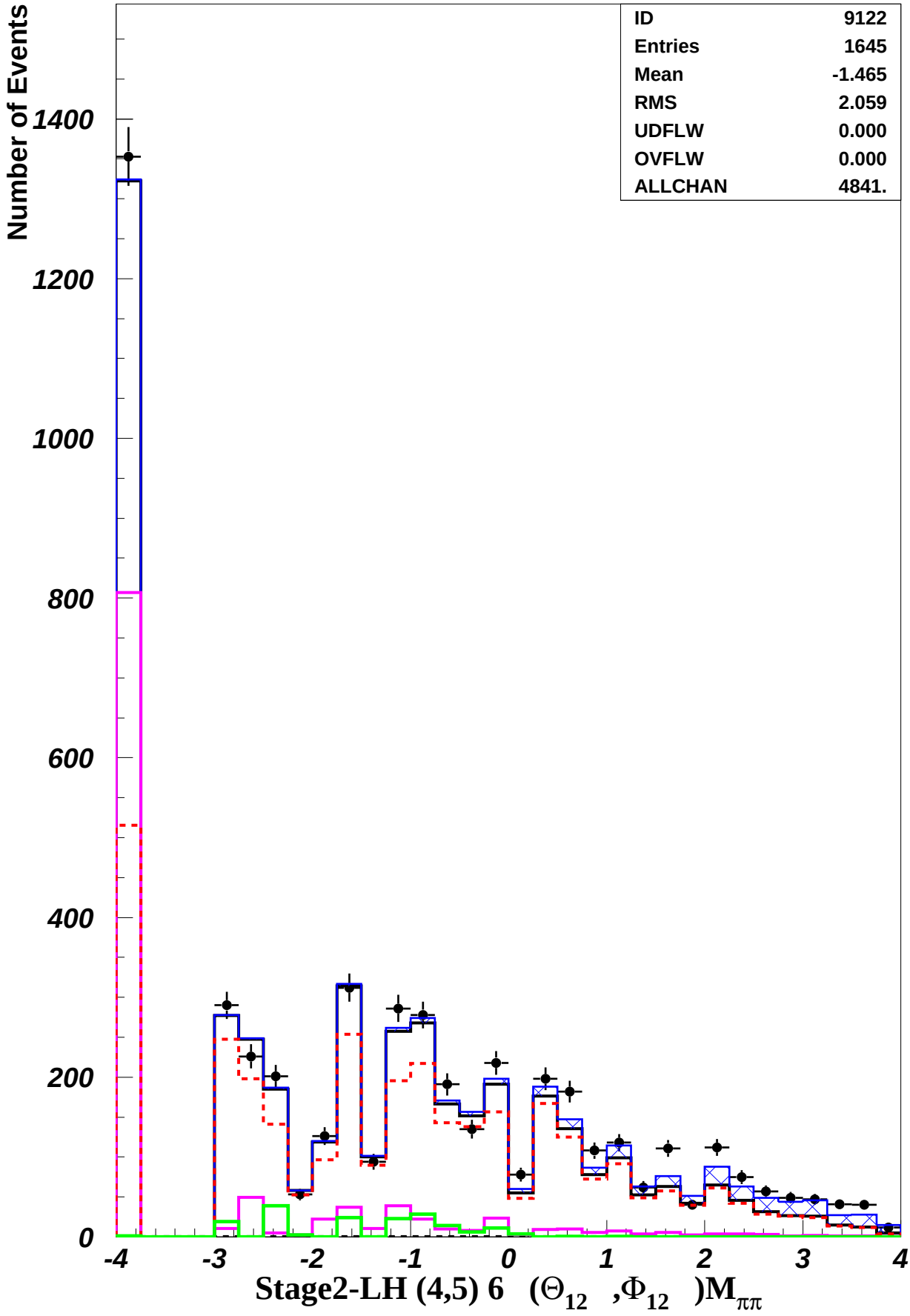

ID 9122
Entries 1645
Mean -0.7065
RMS 1.416
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,7) 5 $(\zeta_{\pi\pi}, E_{\pi\pi})\Phi_{12}$

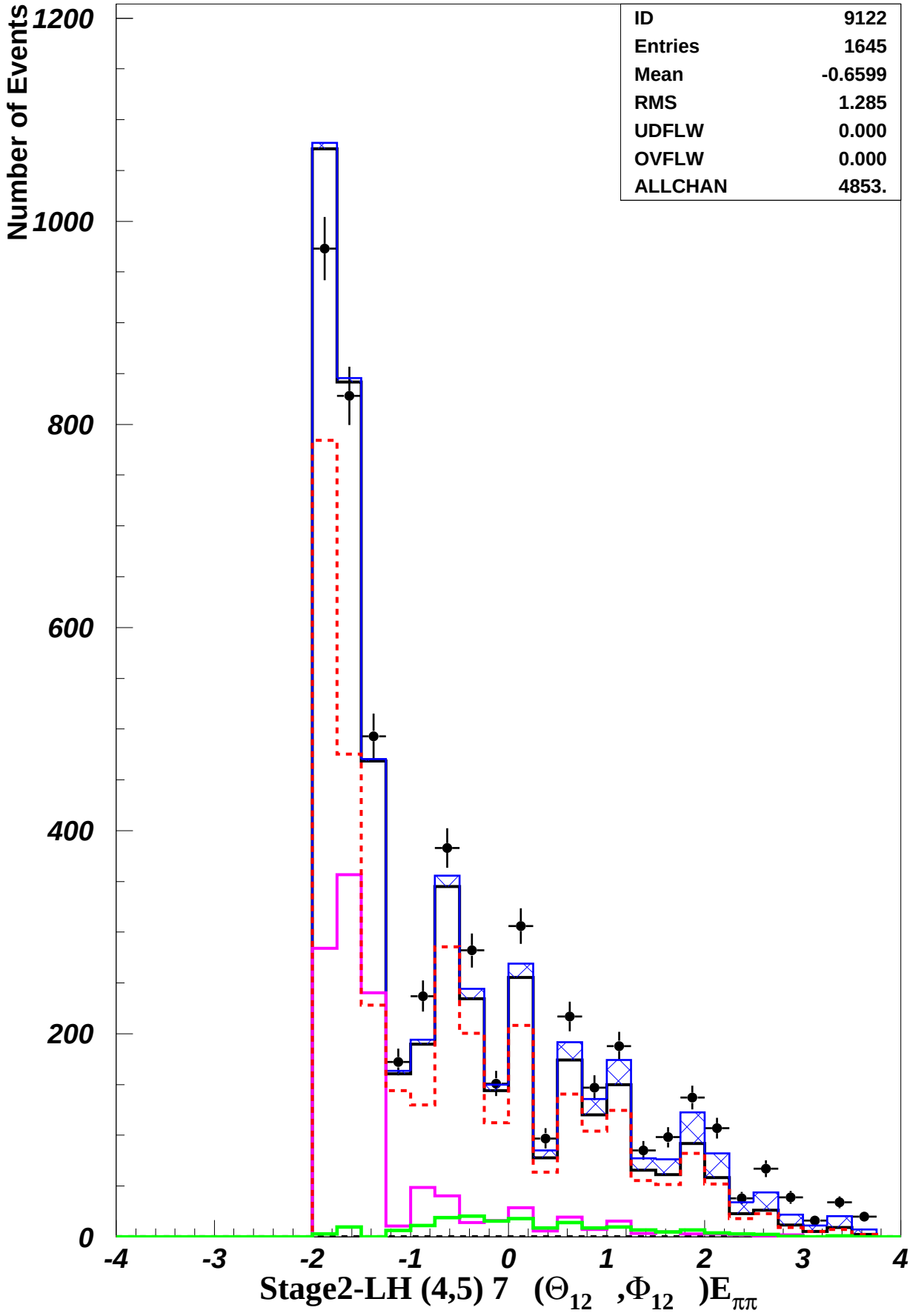

ID 9122
Entries 1645
Mean -1.343
RMS 1.767
UDFLW 0.000
OVFLW 0.4170
ALLCHAN 4823.
Number of Events
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (3,7) 6 ($\zeta_{\pi\pi}$,$E_{\pi\pi}$)$M_{\pi\pi}$

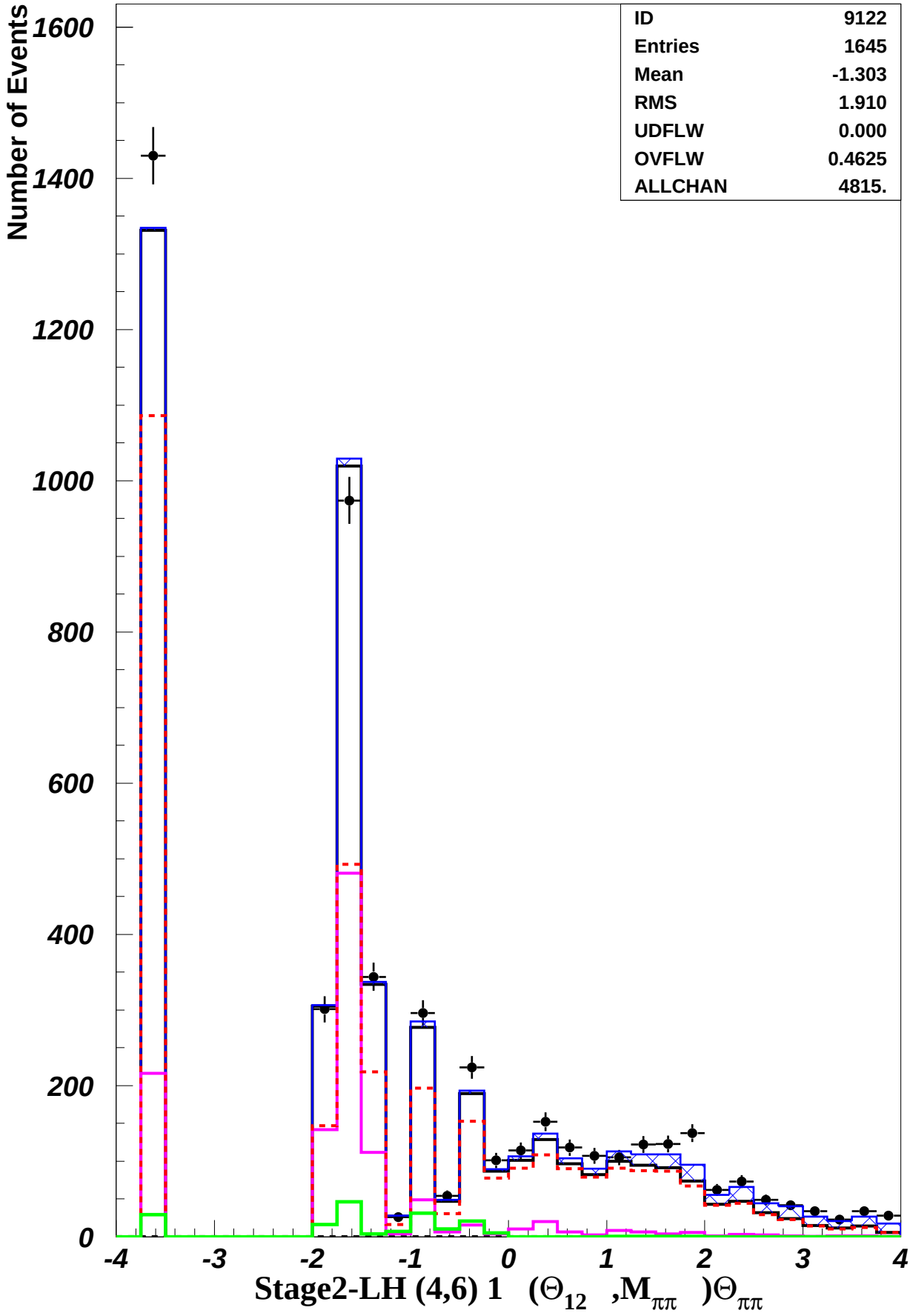

ID 9122
Entries 1645
Mean -1.023
RMS 1.602
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,5) 1 (Θ12 ,Φ12)Θππ

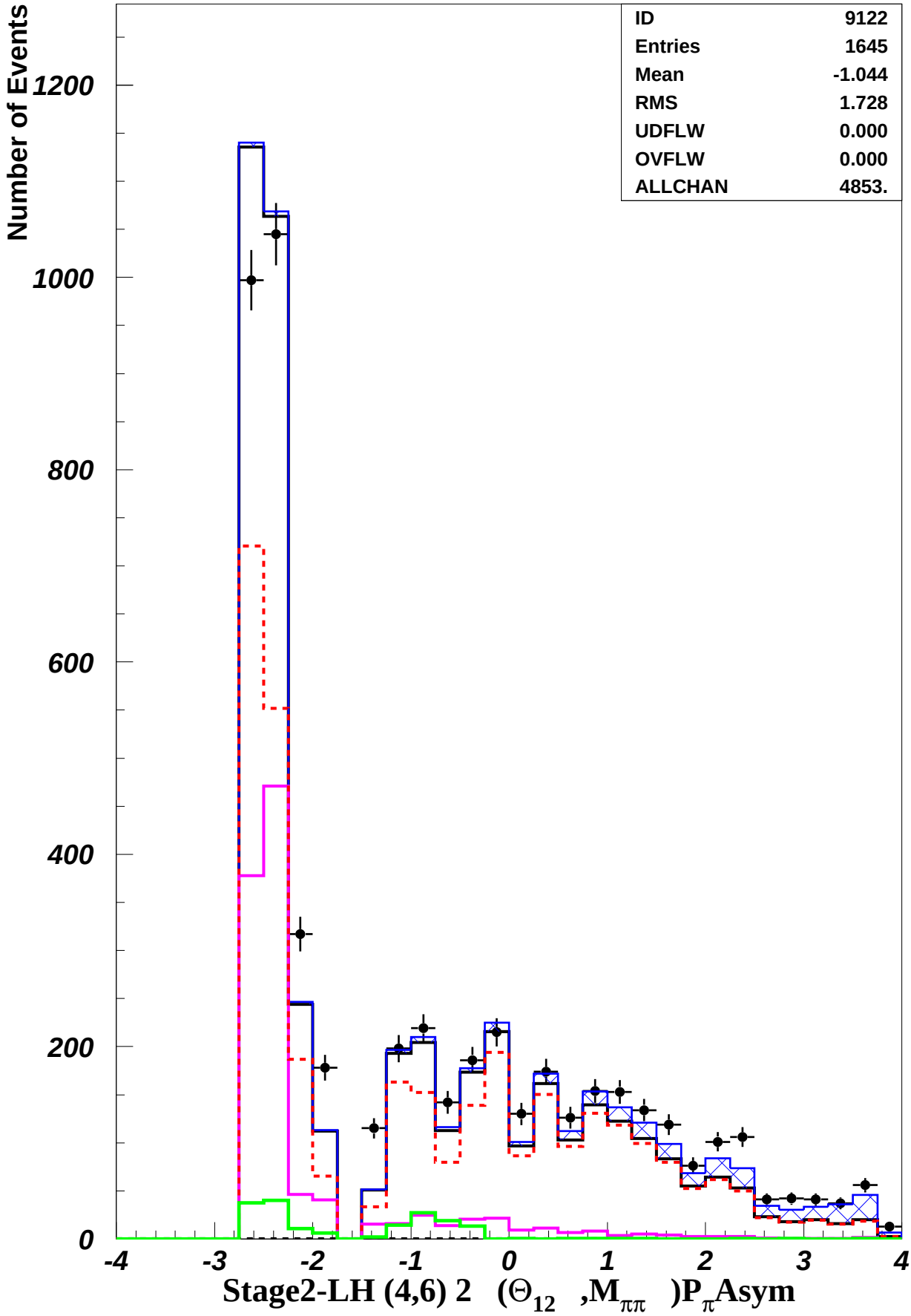

ID 9122
Entries 1645
Mean -0.8910
RMS 1.484
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,5) 2 (Θ12 ,Φ12)Pπ Asym

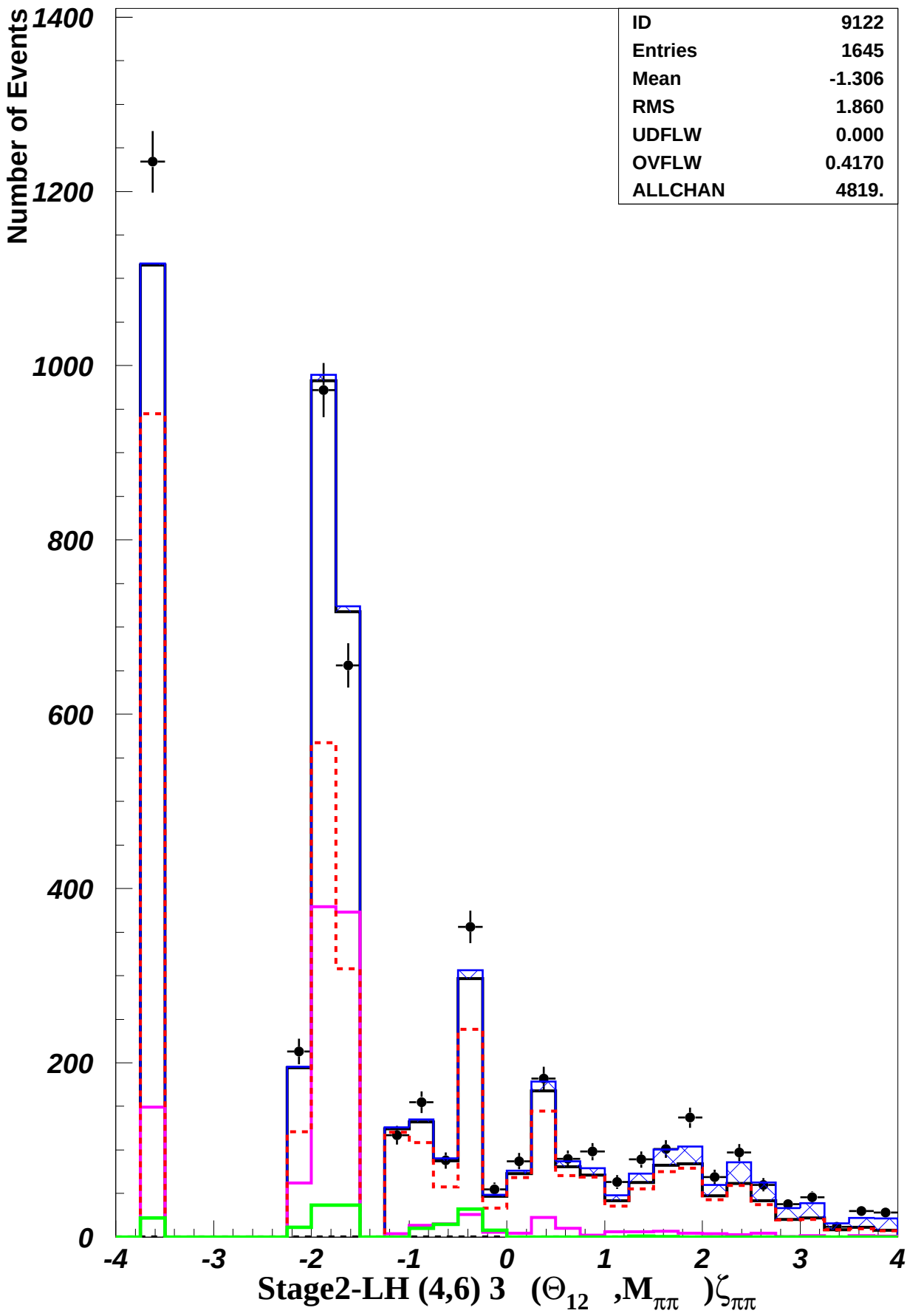

ID 9122
Entries 1645
Mean -1.064
RMS 1.669
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,5) 3 $(\Theta_{12}, \Phi_{12})\zeta_{\pi\pi}$

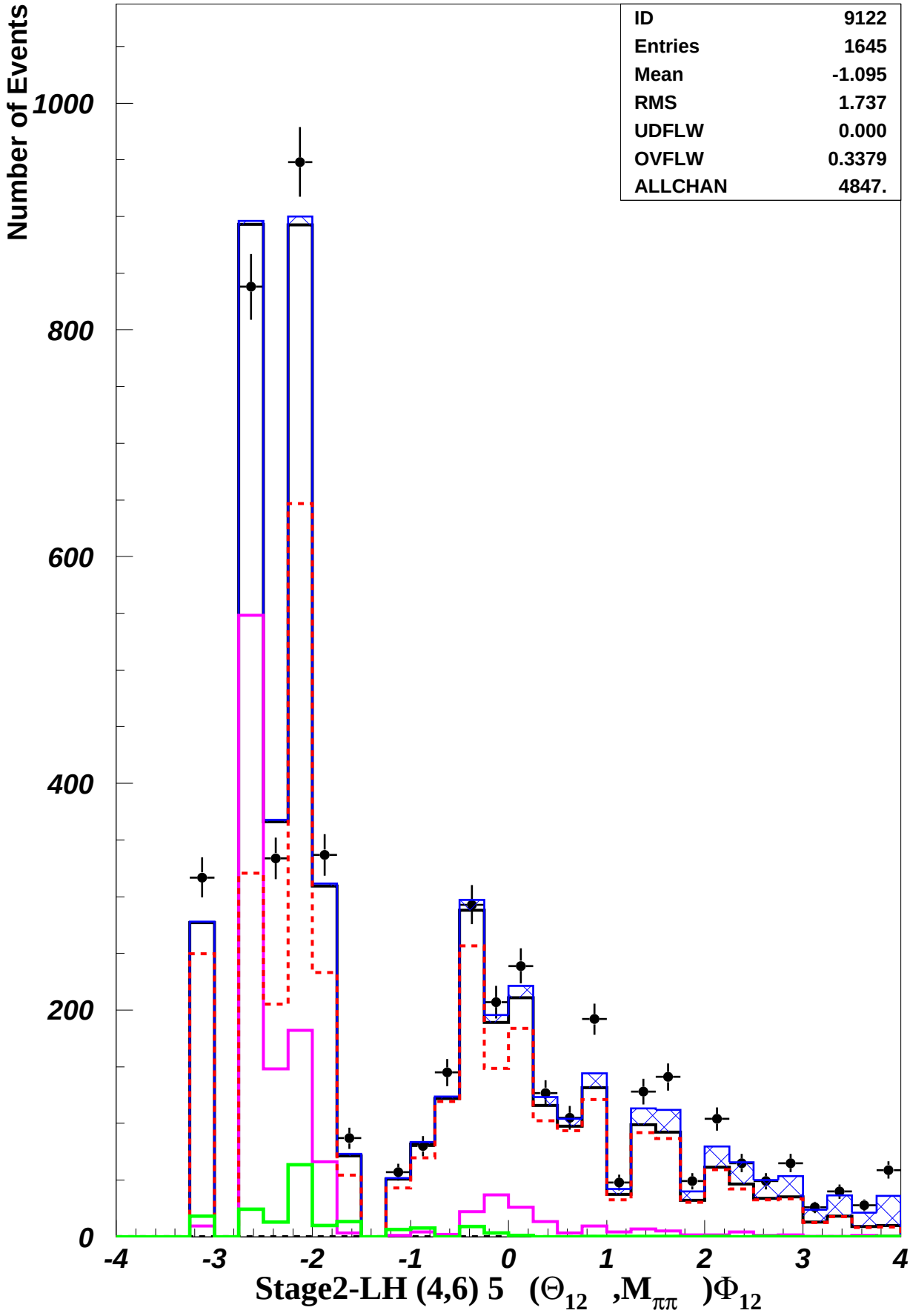

ID 9122
Entries 1645
Mean -1.465
RMS 2.059
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4841.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,5) 6 (Θ12 ,Φ12)Mππ

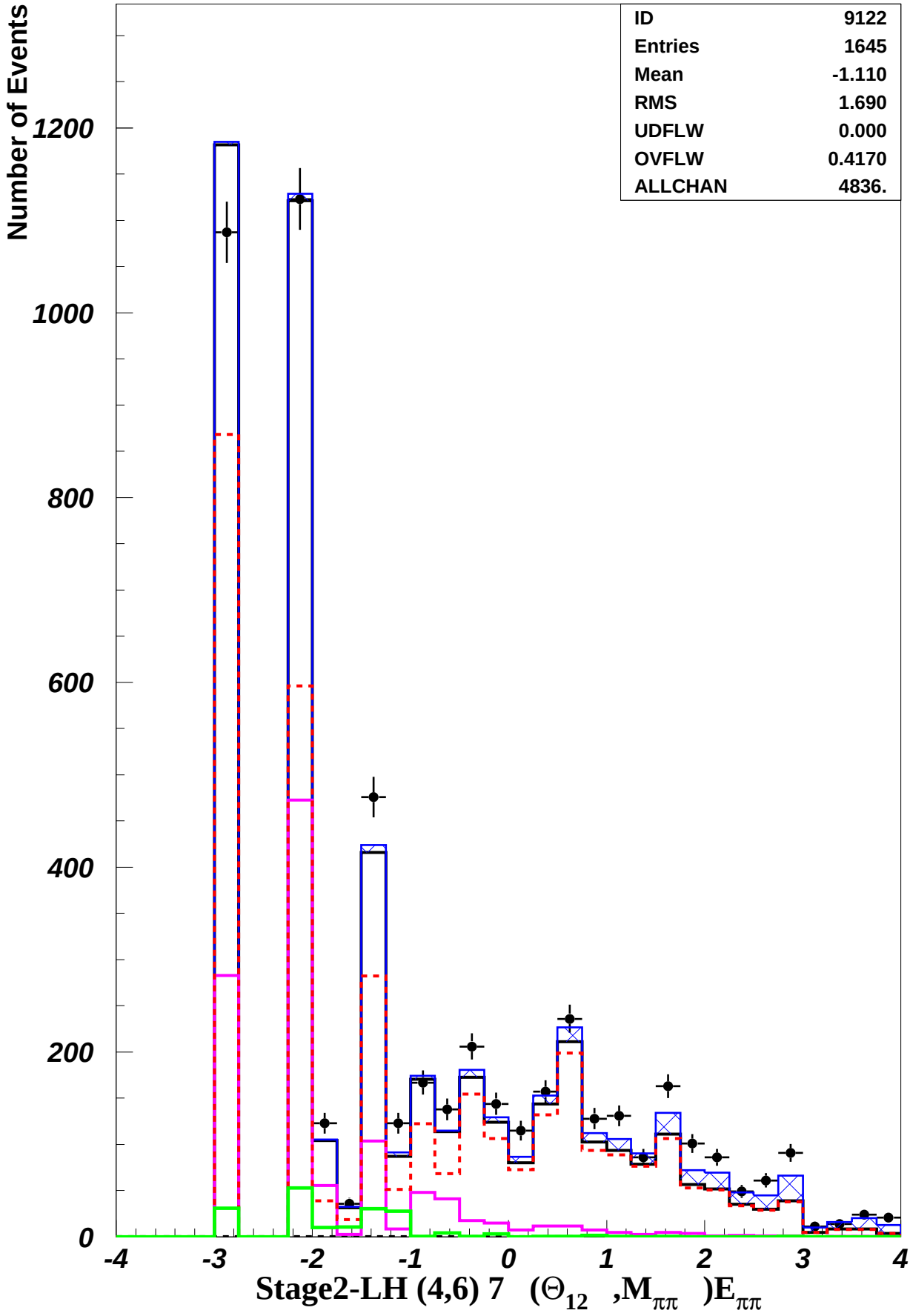

ID 9122
Entries 1645
Mean -0.6599
RMS 1.285
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,5) 7 (Θ12 ,Φ12)Eππ

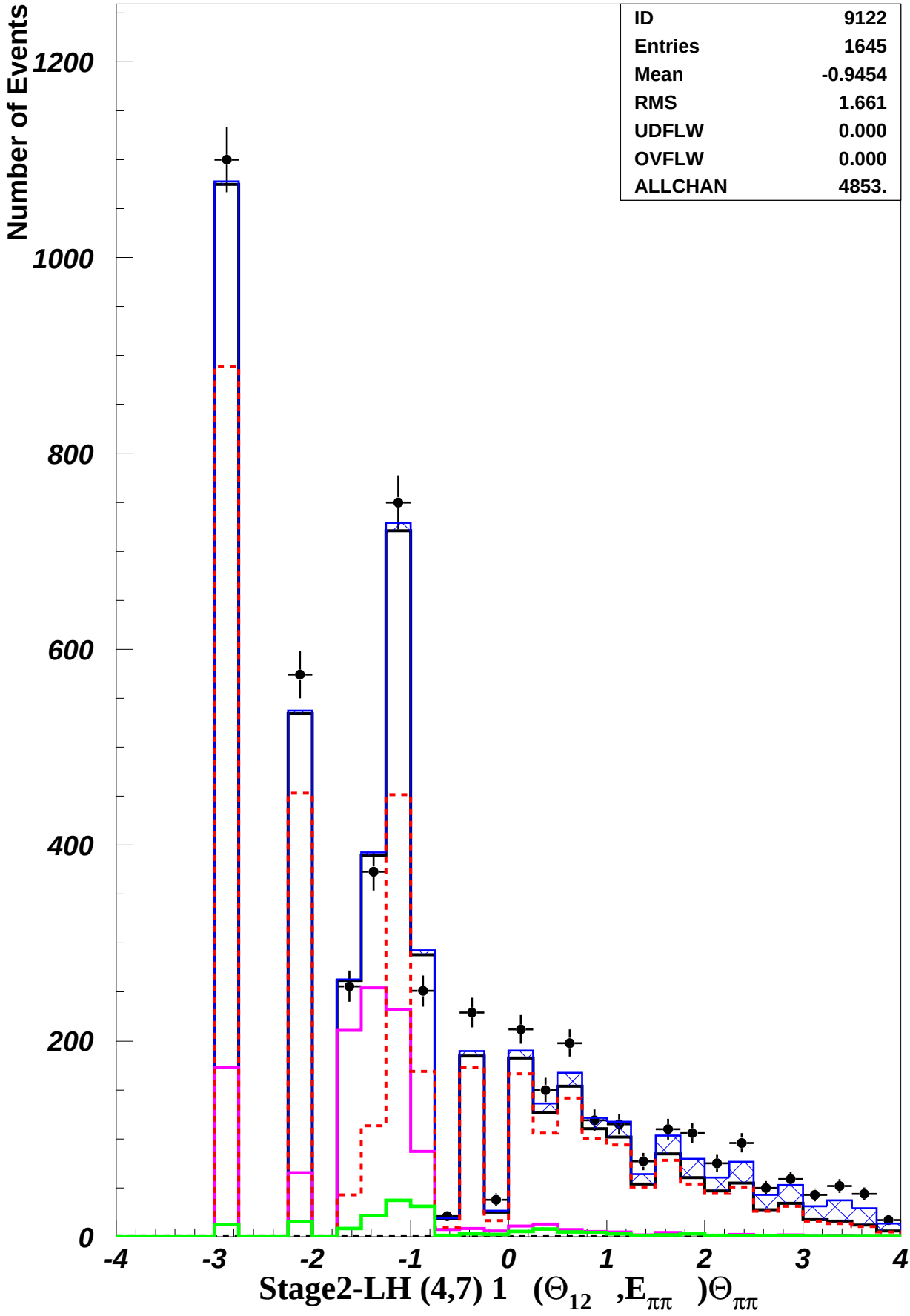

ID 9122
Entries 1645
Mean -1.303
RMS 1.910
UDFLW 0.000
OVFLW 0.4625
ALLCHAN 4815.
Number of Events
1600
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,6) 1 (Θ12 ,Mππ)Θππ

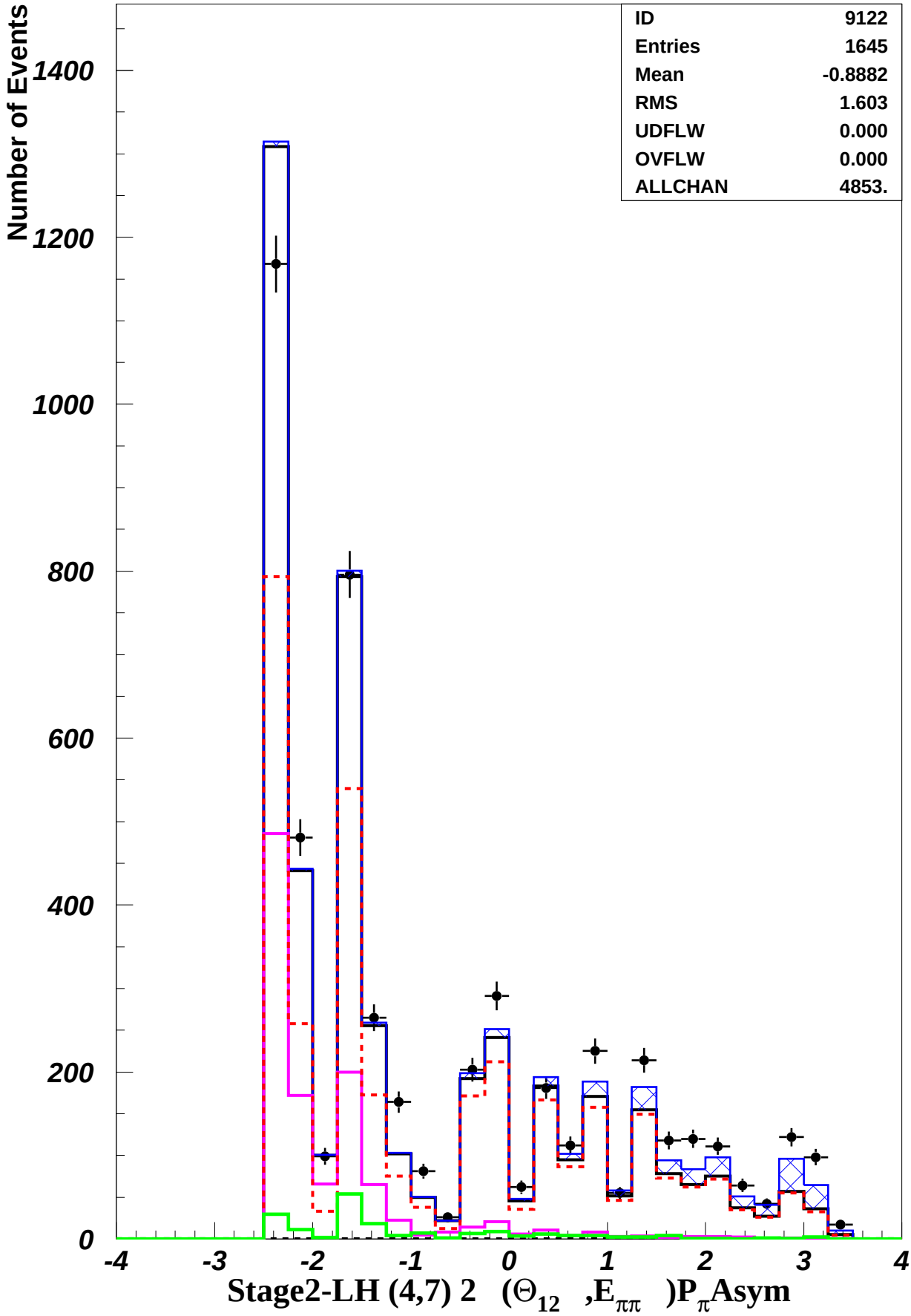

ID 9122
Entries 1645
Mean -1.044
RMS 1.728
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,6) 2 (Θ12 ,Mππ)PπAsym

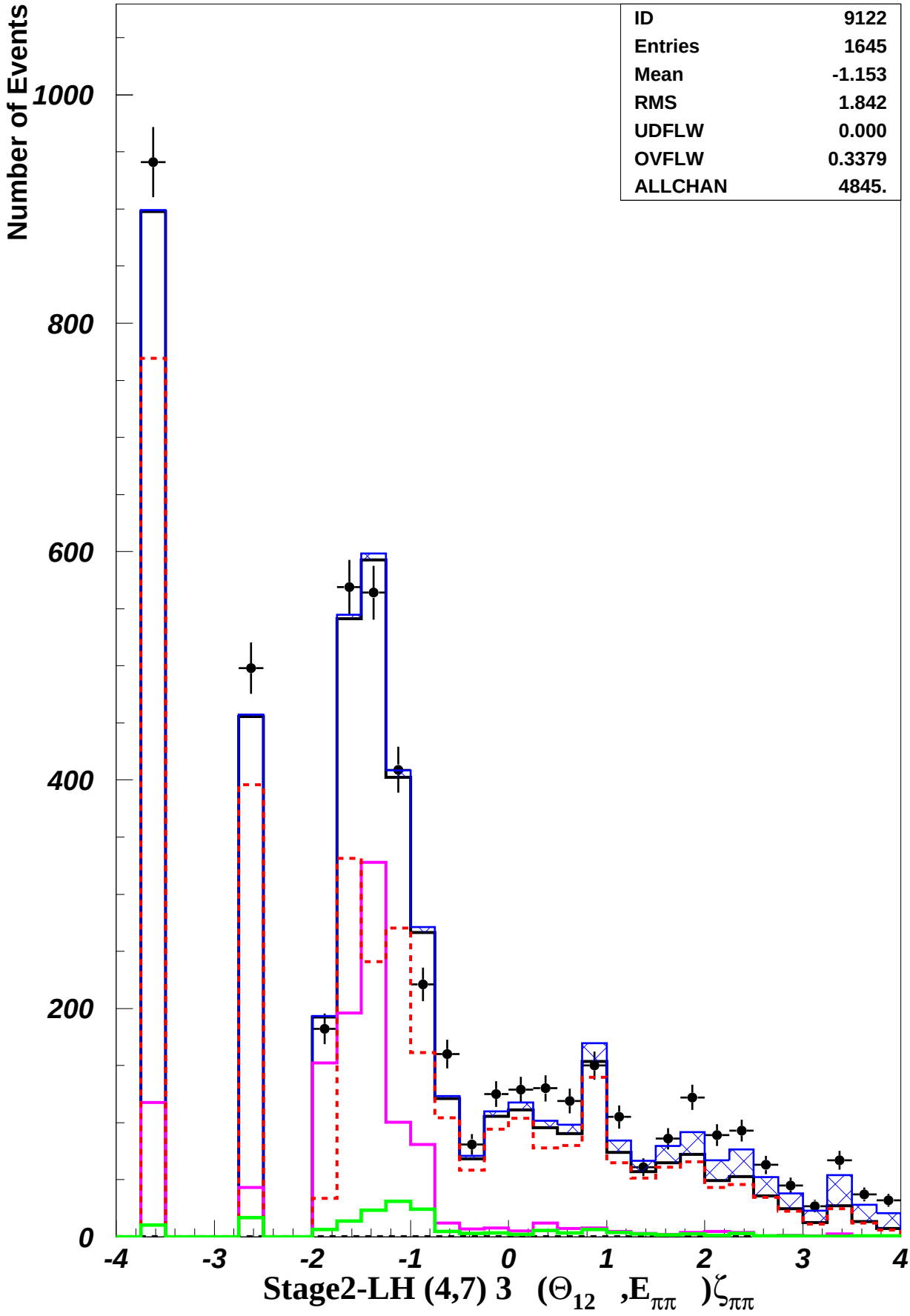

ID 9122
Entries 1645
Mean -1.306
RMS 1.860
UDFLW 0.000
OVFLW 0.4170
ALLCHAN 4819.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,6) 3 (Θ12 ,Mππ)ζππ

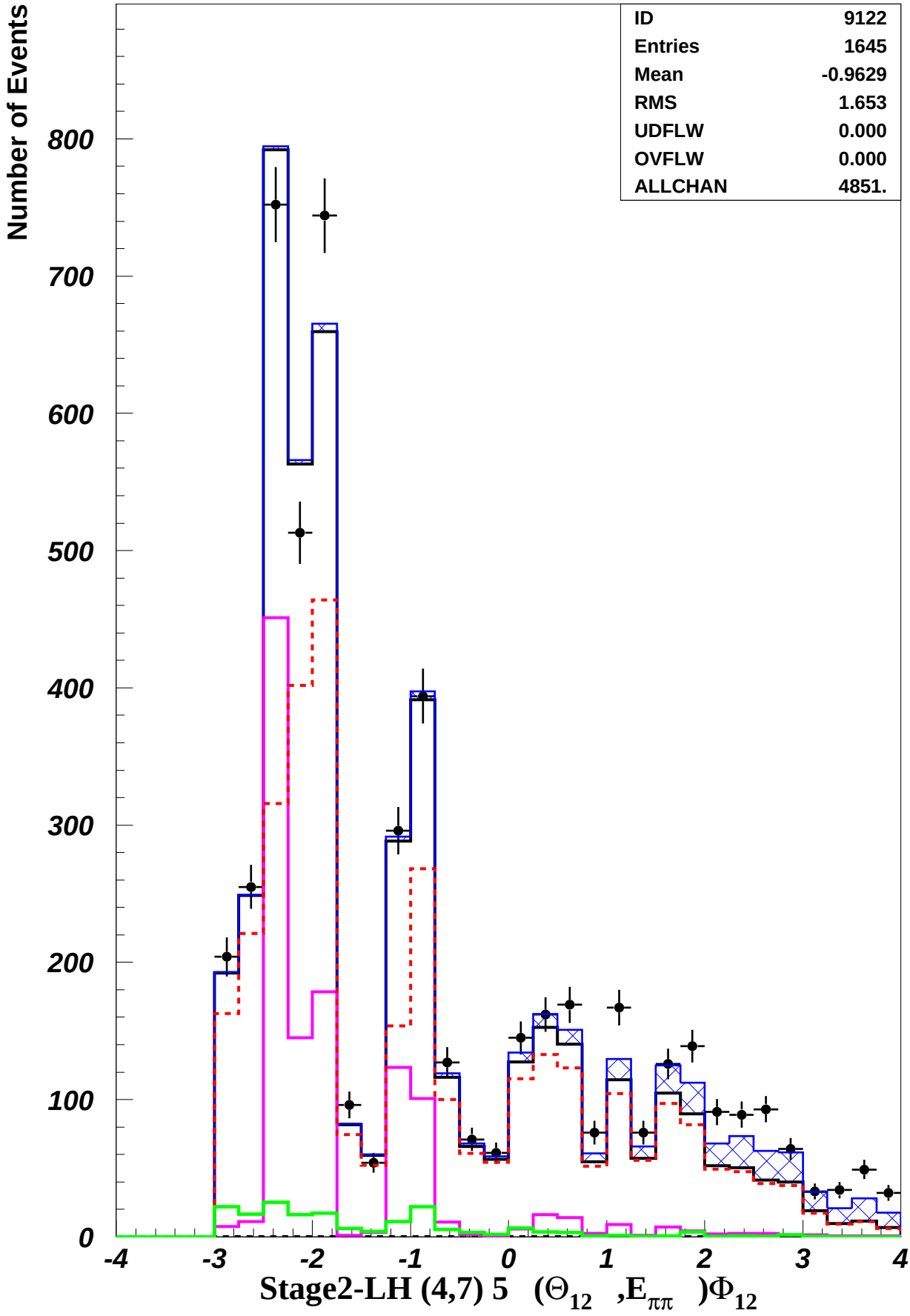

ID 9122
Entries 1645
Mean -1.095
RMS 1.737
UDFLW 0.000
OVFLW 0.3379
ALLCHAN 4847.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,6) 5 (Θ12 ,Mππ)Φ12

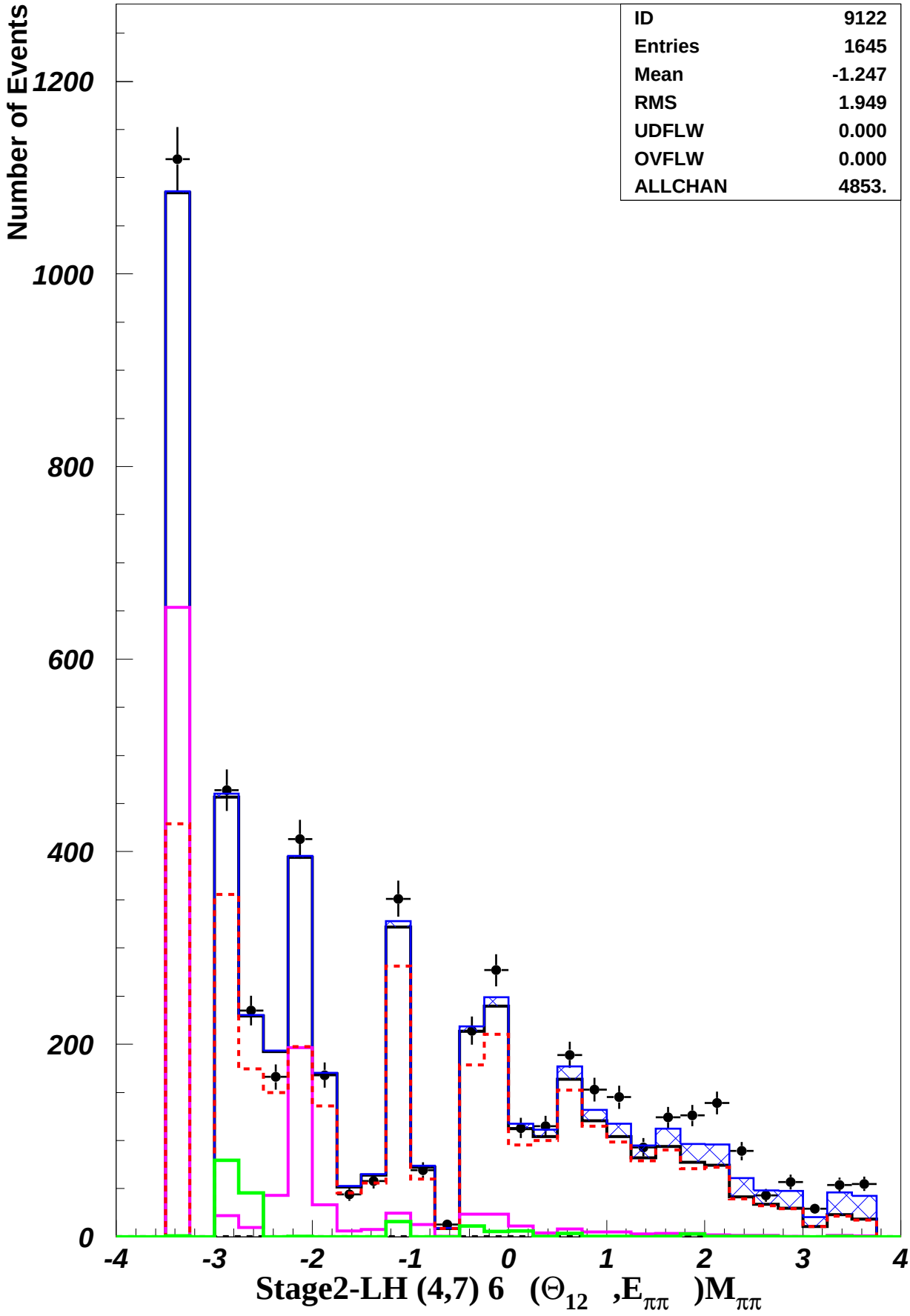

ID 9122
Entries 1645
Mean -1.110
RMS 1.690
UDFLW 0.000
OVFLW 0.4170
ALLCHAN 4836.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,6) 7 (Θ12 ,Mππ)Eππ

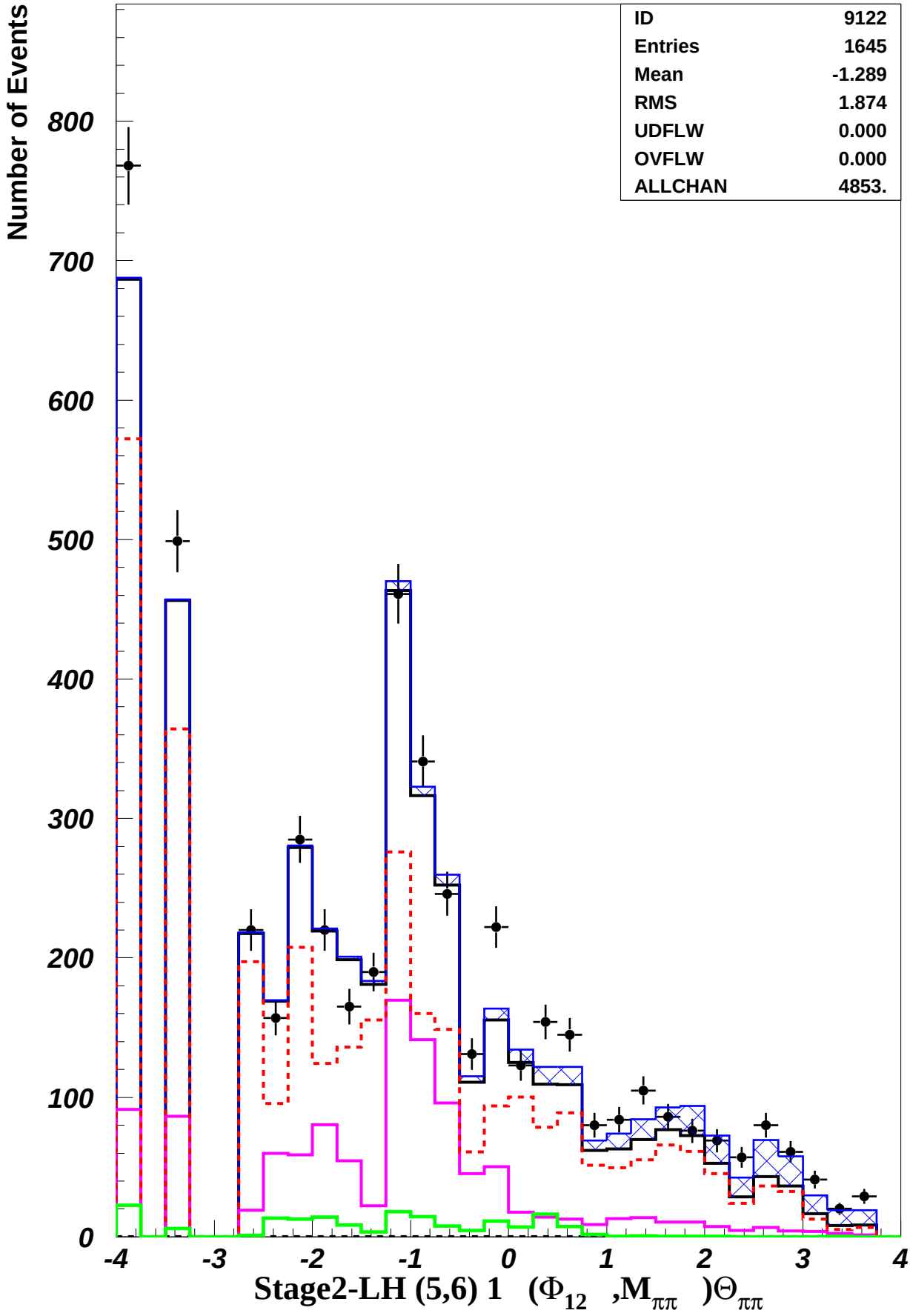

ID 9122
Entries 1645
Mean -0.9454
RMS 1.661
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,7) 1 (Θ12 ,Eππ)Θππ

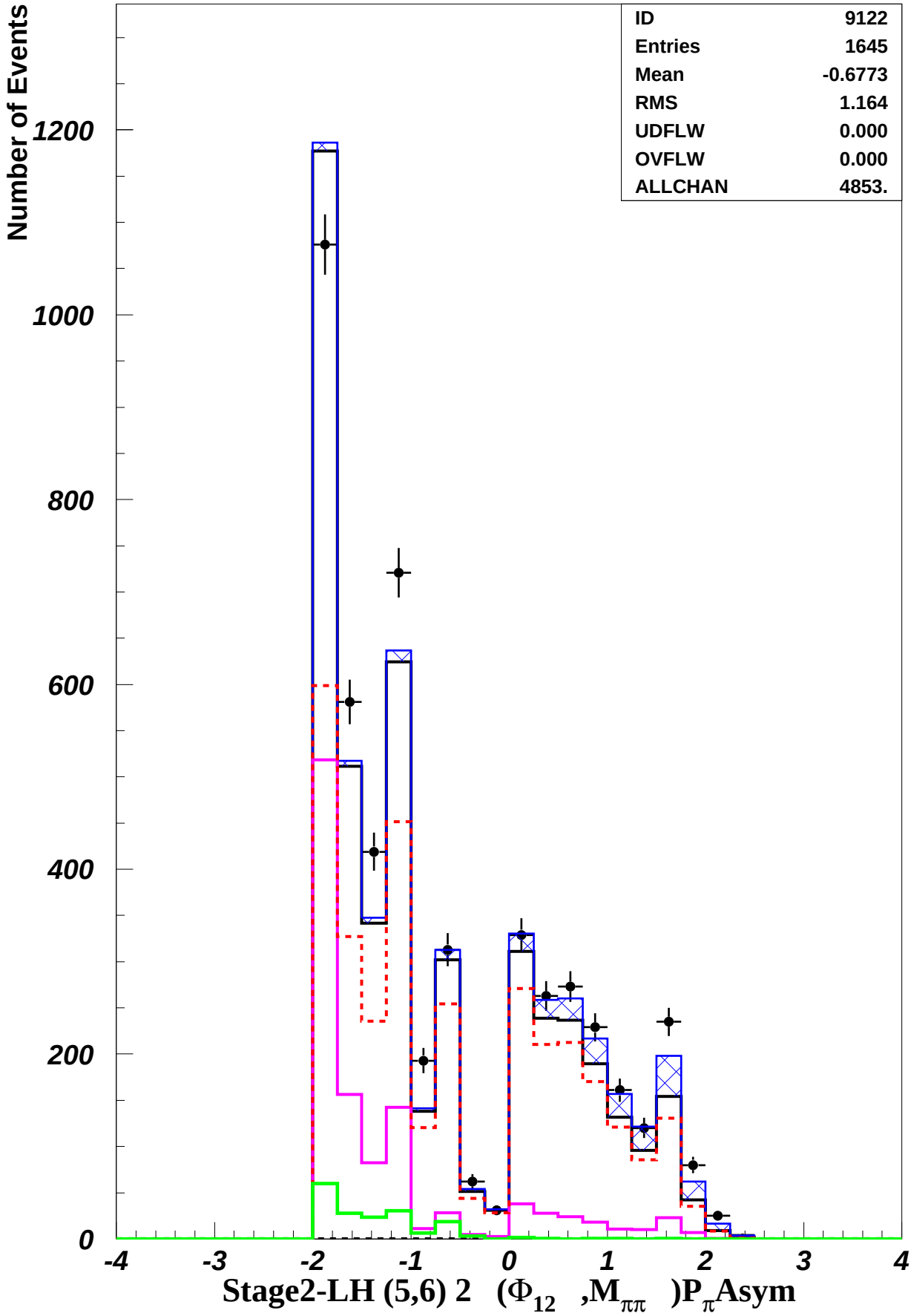

ID 9122
Entries 1645
Mean -0.8882
RMS 1.603
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,7) 2 (Θ12 ,Eππ)Pπ Asym

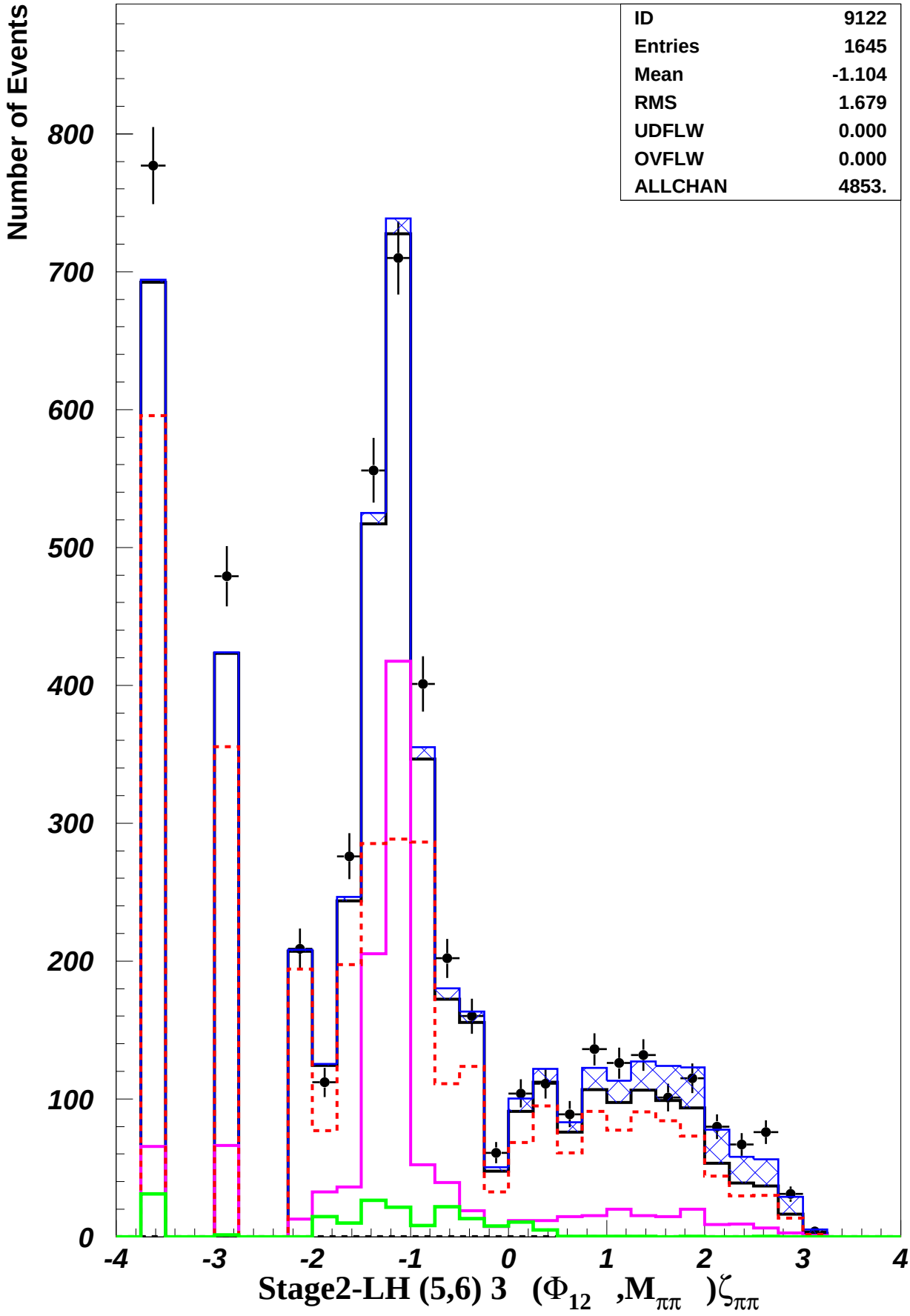

ID 9122
Entries 1645
Mean -1.153
RMS 1.842
UDFLW 0.000
OVFLW 0.3379
ALLCHAN 4845.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,7) 3 $(\Theta_{12}, E_{\pi\pi})\zeta_{\pi\pi}$

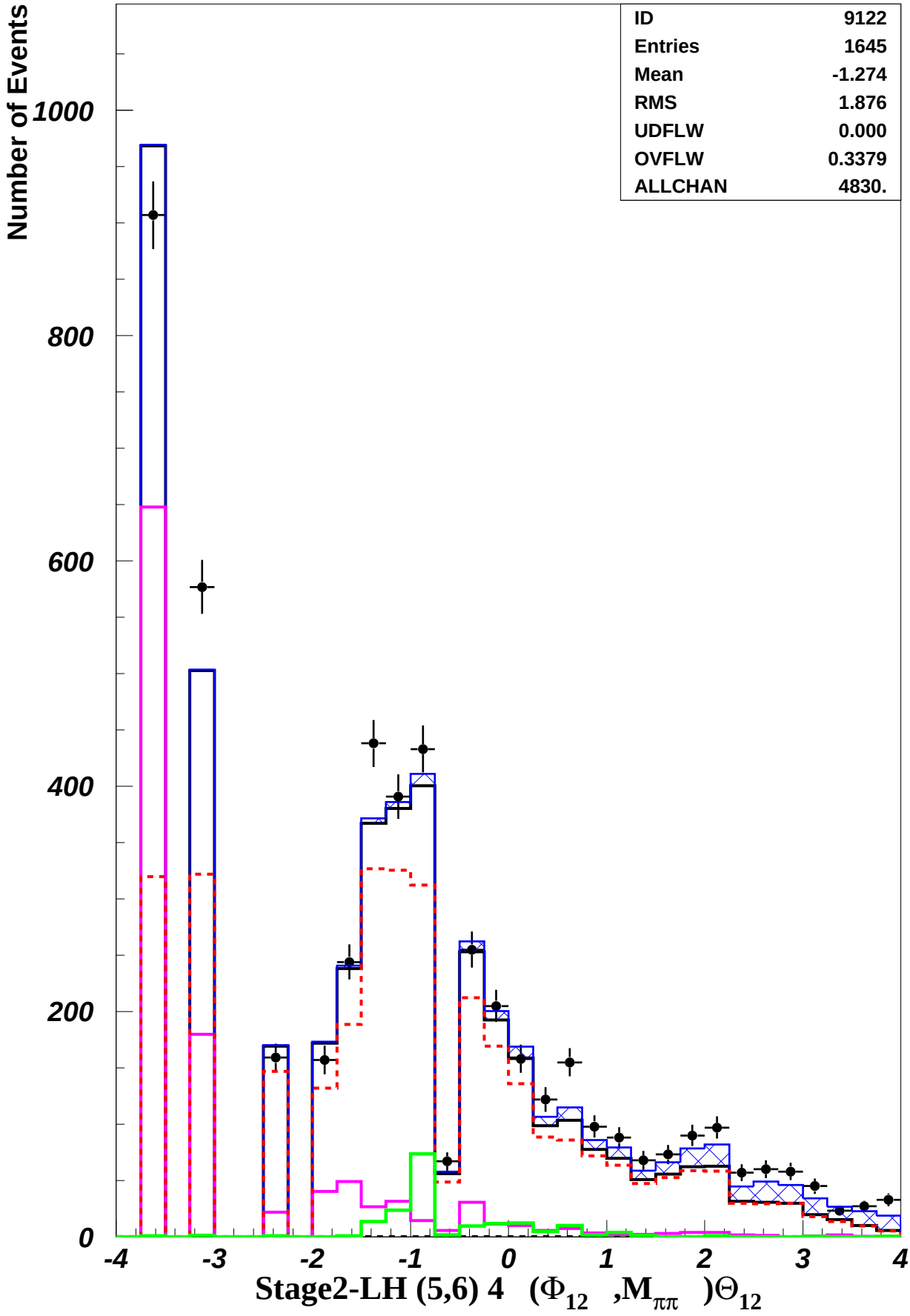

ID 9122
Entries 1645
Mean -0.9629
RMS 1.653
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4851.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,7) 5 (Θ12 ,Eππ)Φ12

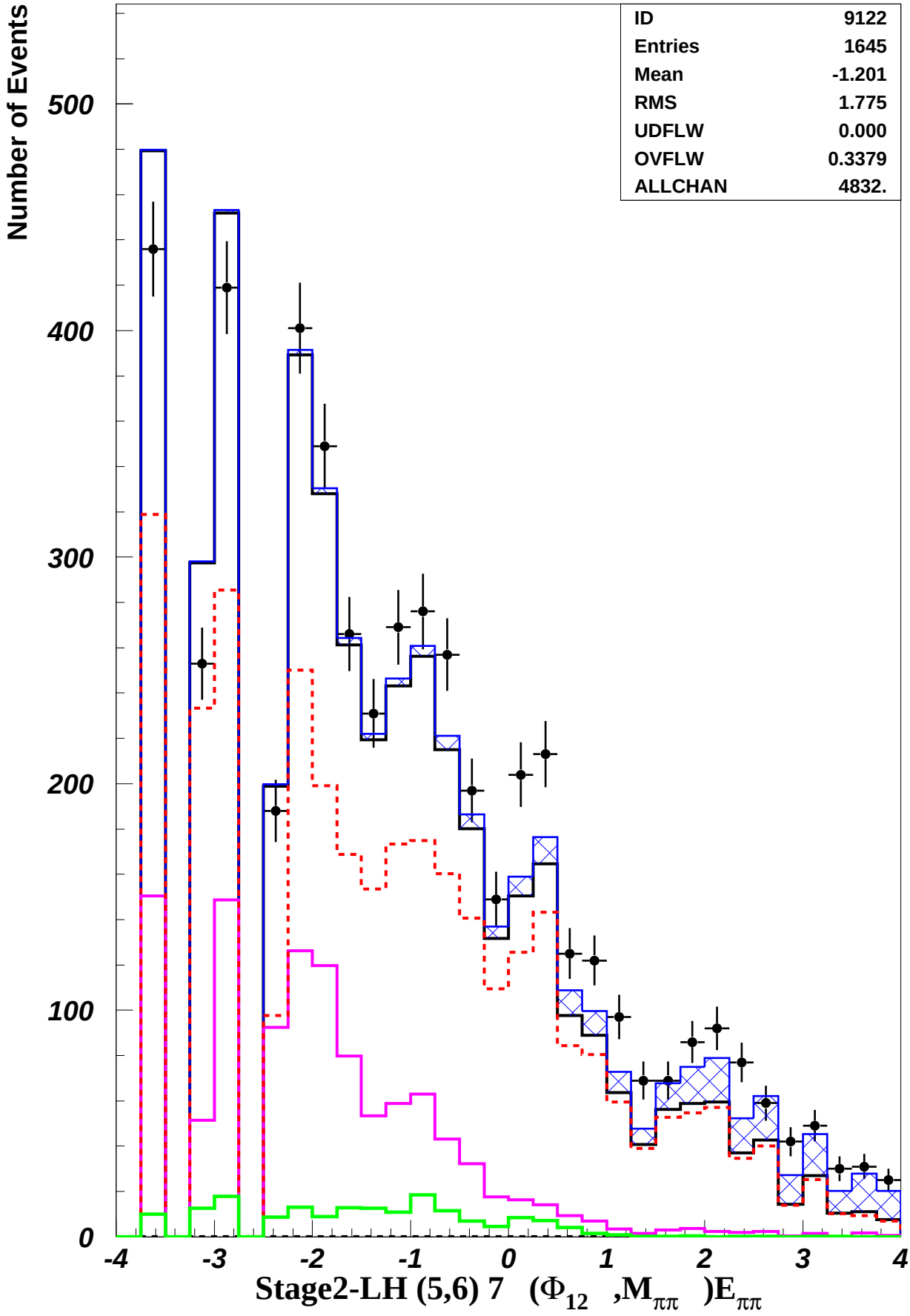

ID 9122
Entries 1645
Mean -1.247
RMS 1.949
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (4,7) 6 (Θ12 ,Eππ)Mππ

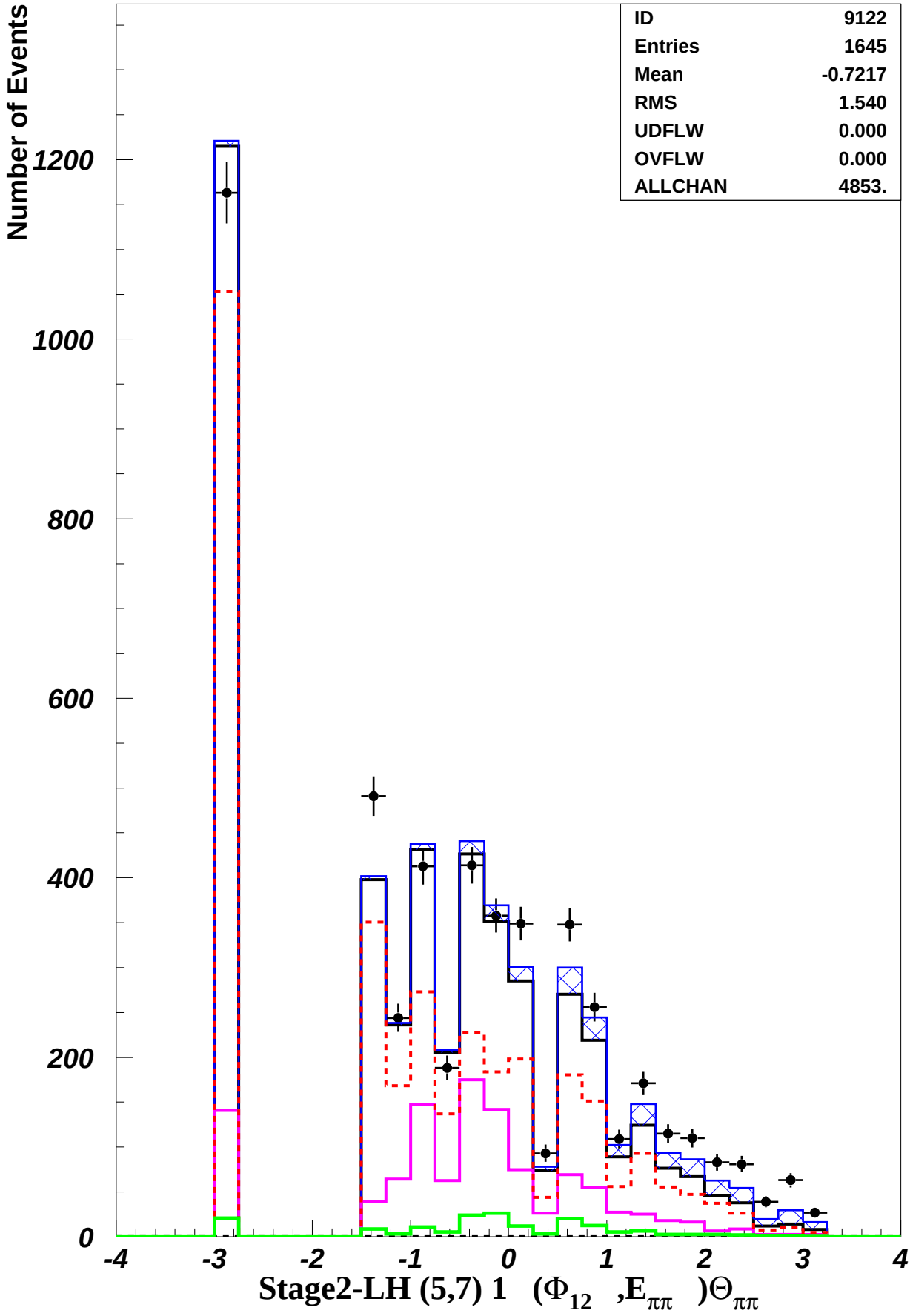

ID 9122
Entries 1645
Mean -1.289
RMS 1.874
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,6) 1 (Φ_{12} ,$M_{\pi\pi}$)$\Theta_{\pi\pi}$

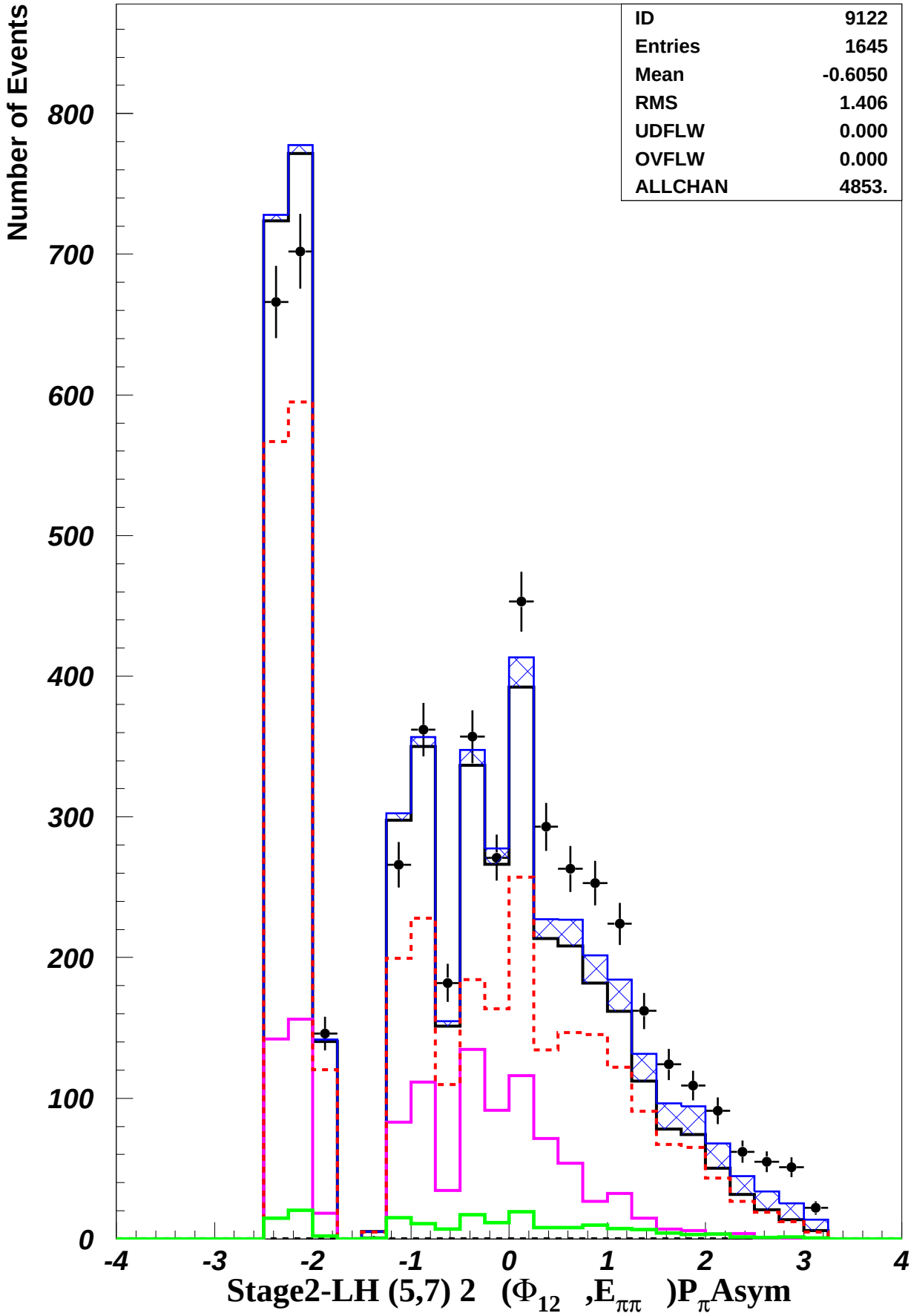

ID 9122
Entries 1645
Mean -0.6773
RMS 1.164
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,6) 2 (Φ12 ,Mππ)Pπ Asym

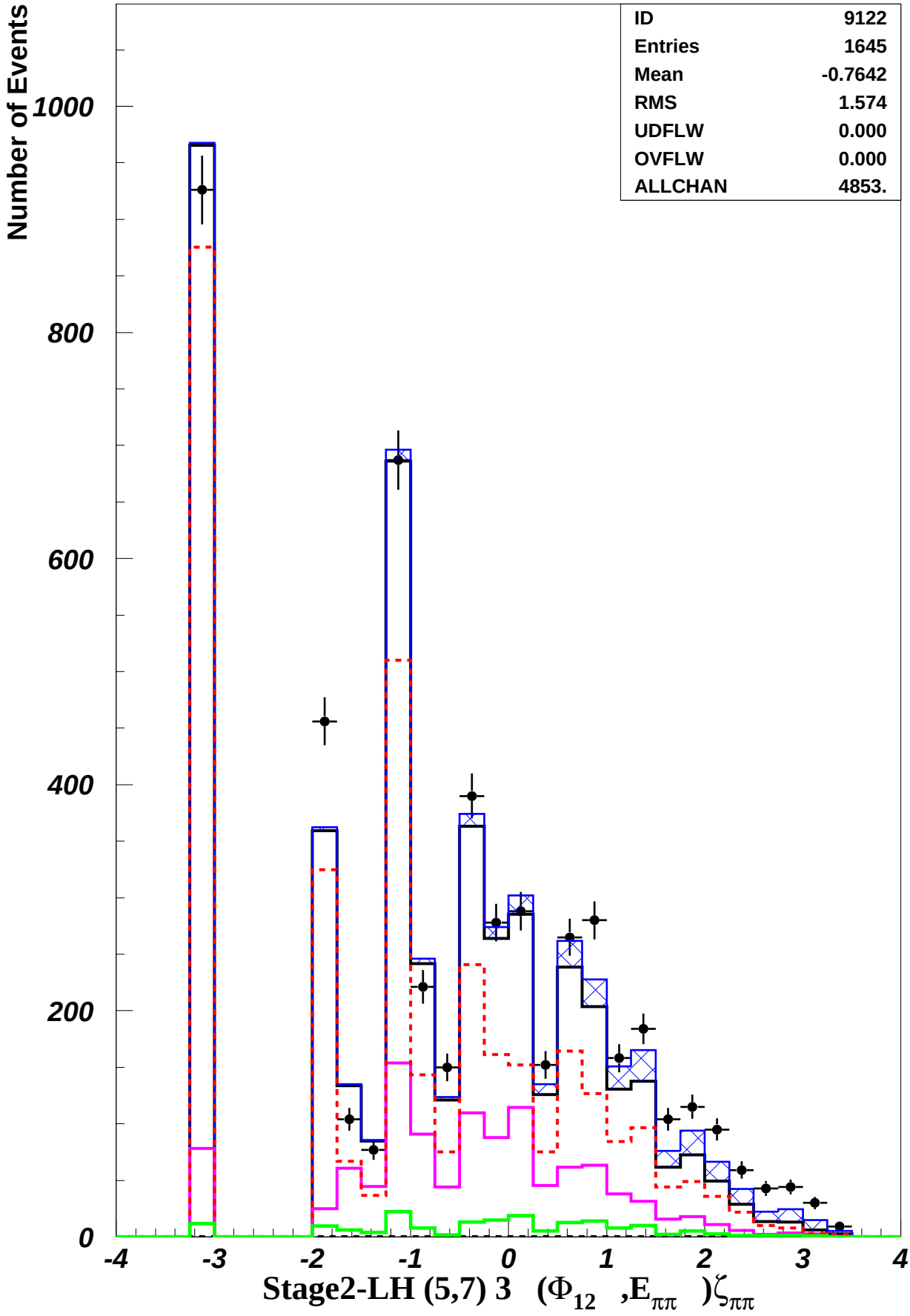

ID 9122
Entries 1645
Mean -1.104
RMS 1.679
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,6) 3 $(\Phi_{12}, M_{\pi\pi})\zeta_{\pi\pi}$

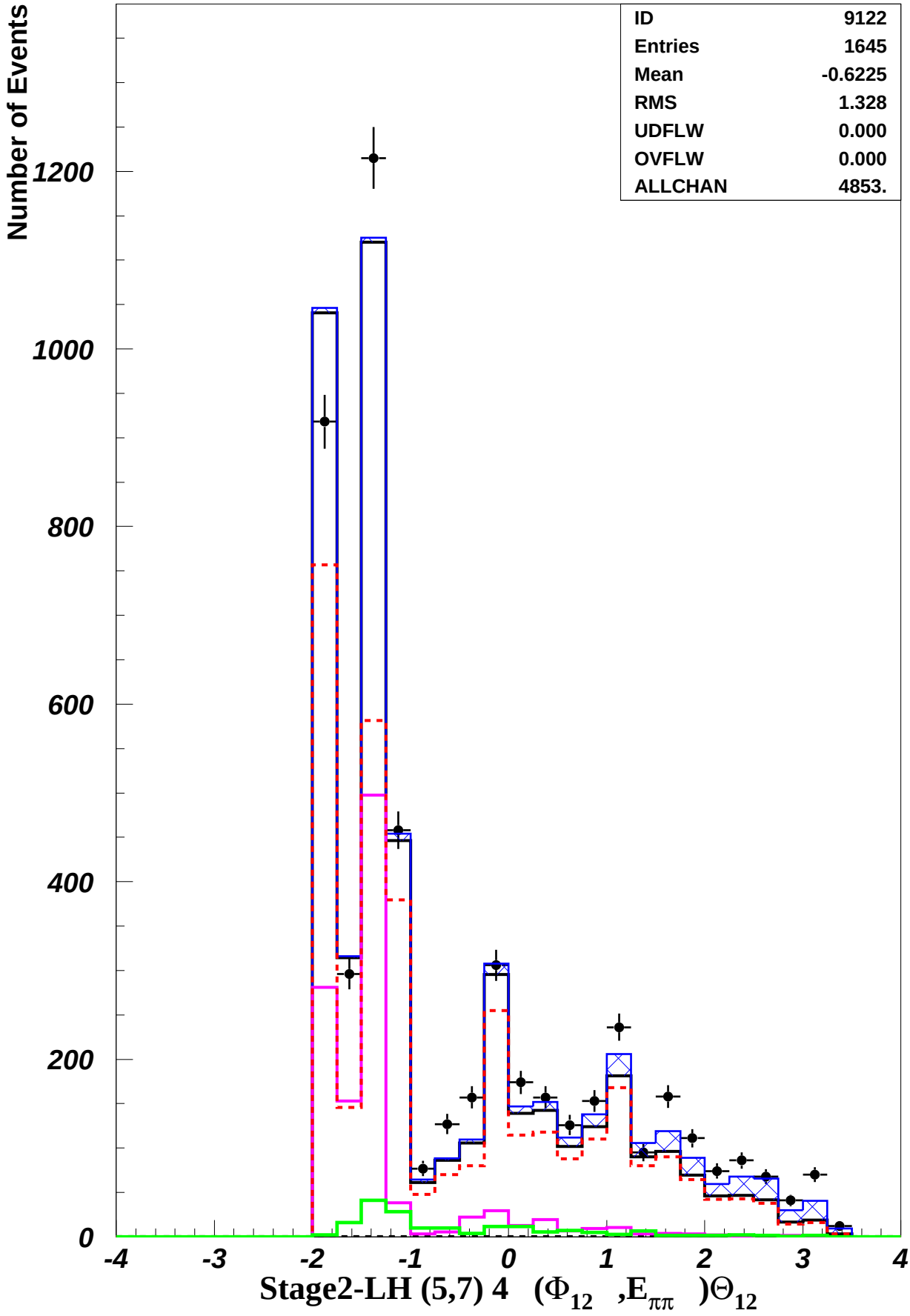

ID 9122
Entries 1645
Mean -1.274
RMS 1.876
UDFLW 0.000
OVFLW 0.3379
ALLCHAN 4830.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,6) 4 (Φ12 ,Mππ)Θ12

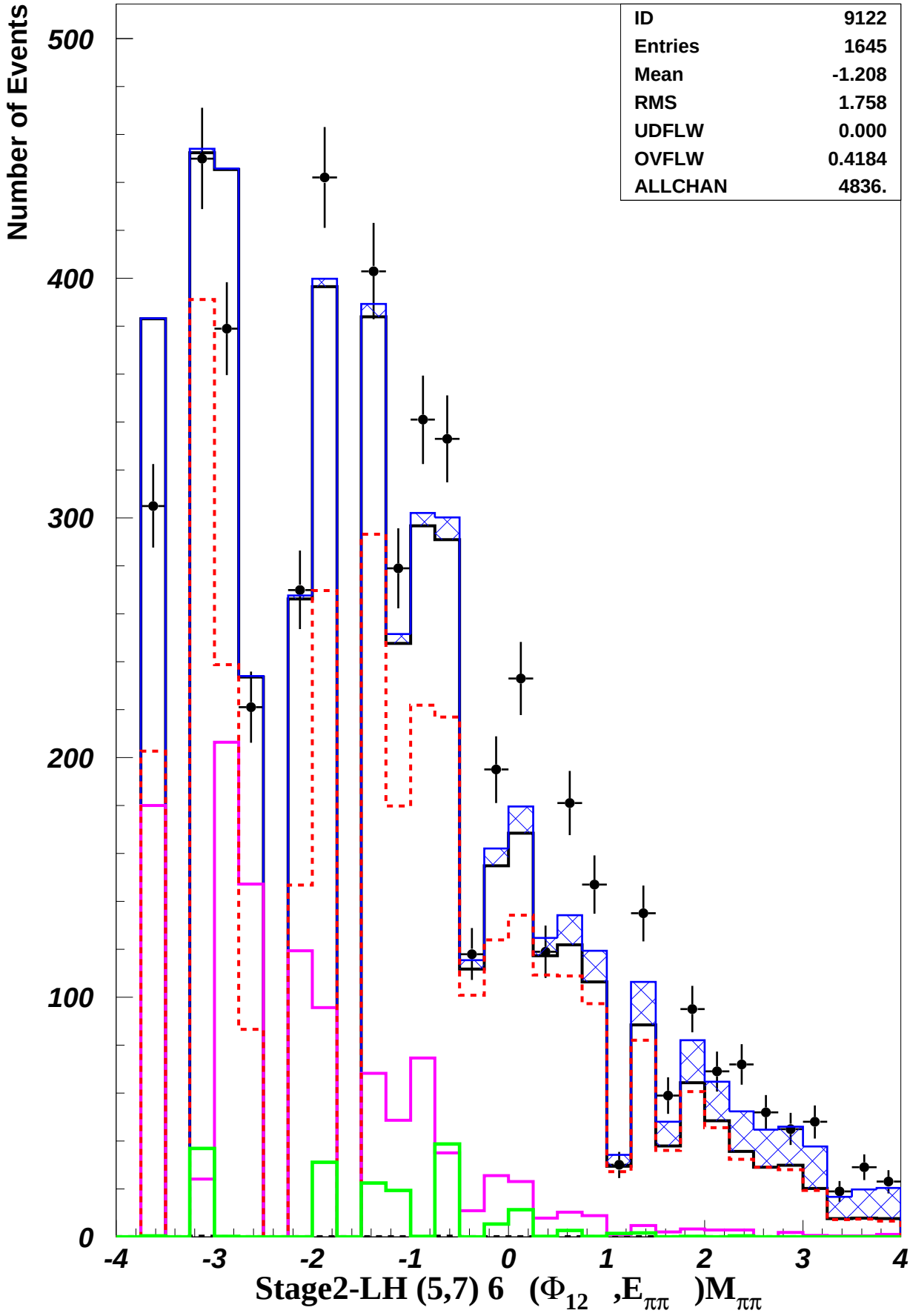

ID 9122
Entries 1645
Mean -1.201
RMS 1.775
UDFLW 0.000
OVFLW 0.3379
ALLCHAN 4832.
Number of Events
0
100
200
300
400
500
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,6) 7 (Φ_{12} ,$M_{\pi\pi}$)$E_{\pi\pi}$

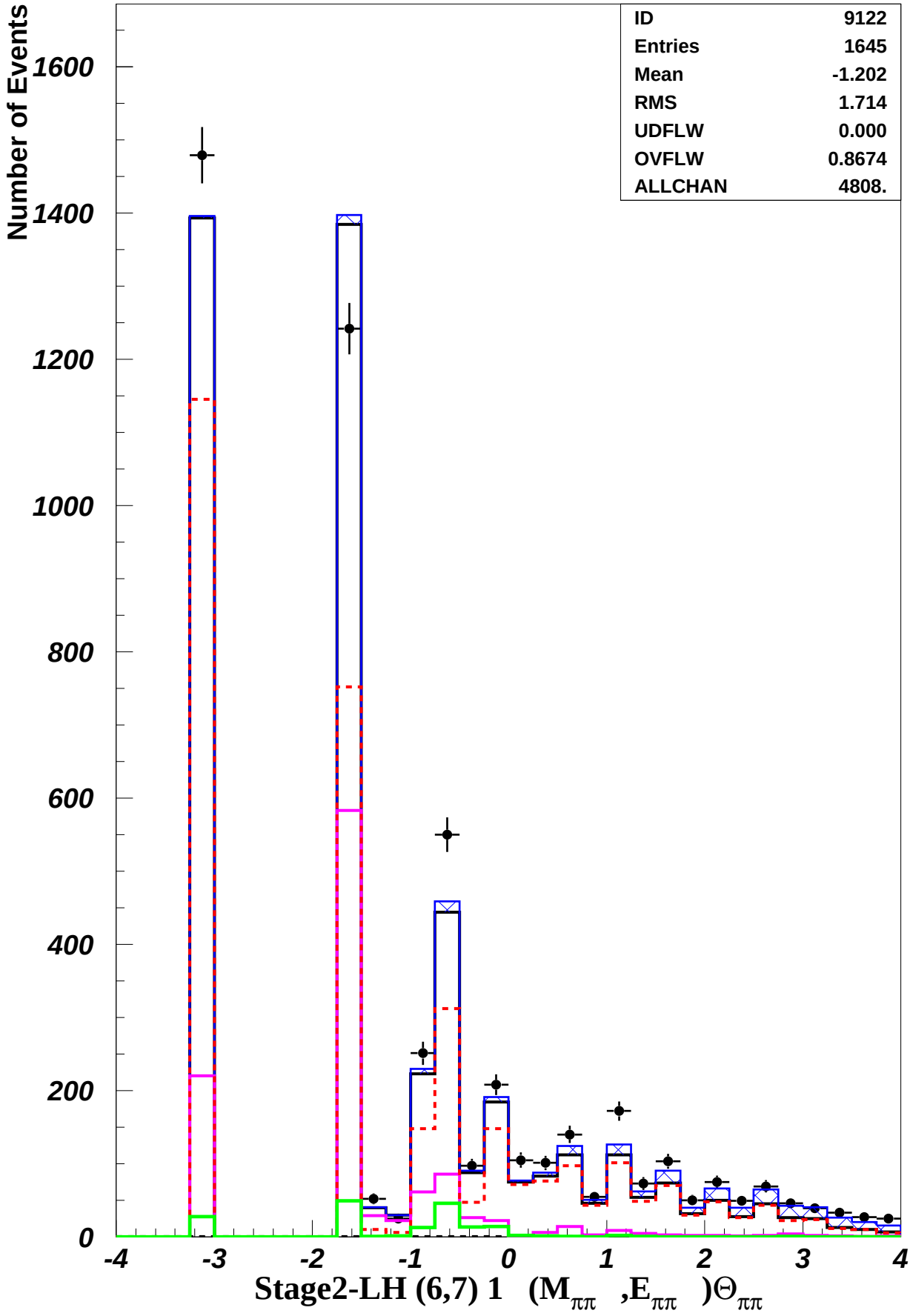

ID 9122
Entries 1645
Mean -0.7217
RMS 1.540
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,7) 1 (Φ_{12} ,$E_{\pi\pi}$)$\Theta_{\pi\pi}$

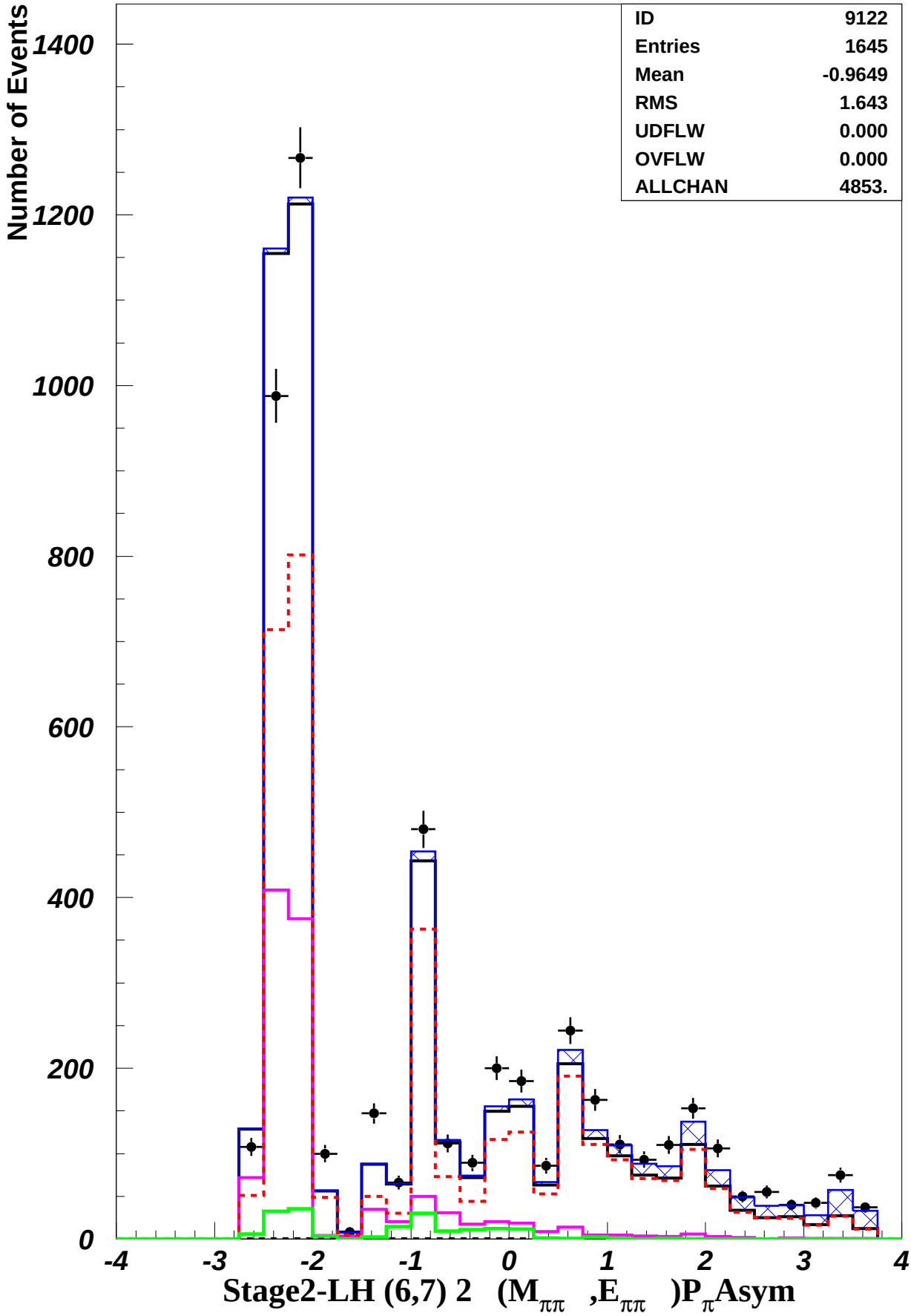

ID 9122
Entries 1645
Mean -0.6050
RMS 1.406
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
100
200
300
400
500
600
700
800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,7) 2 (Φ12 ,Eππ)Pπ Asym

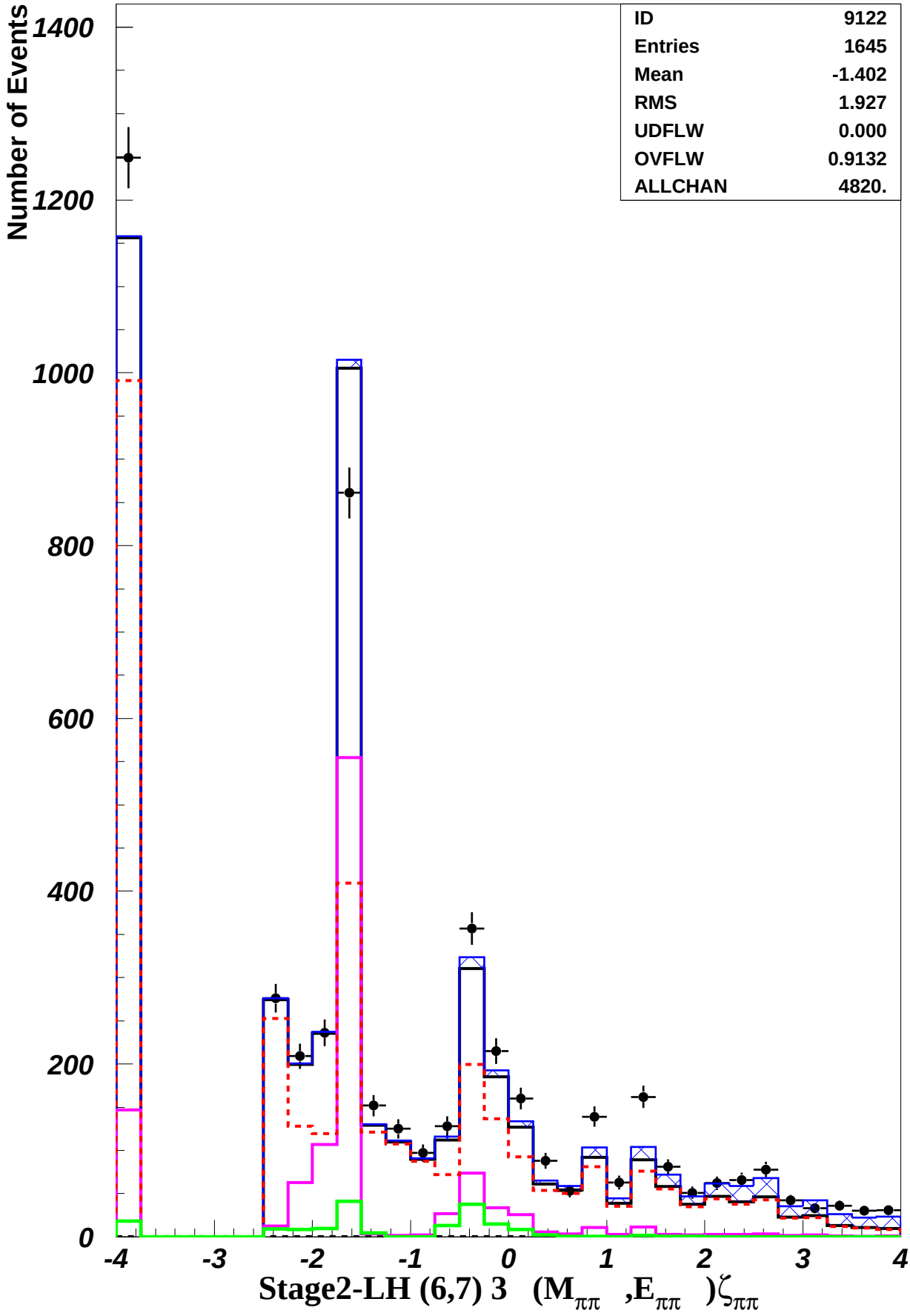

ID 9122
Entries 1645
Mean -0.7642
RMS 1.574
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,7) 3 $(\Phi_{12}, E_{\pi\pi})\zeta_{\pi\pi}$

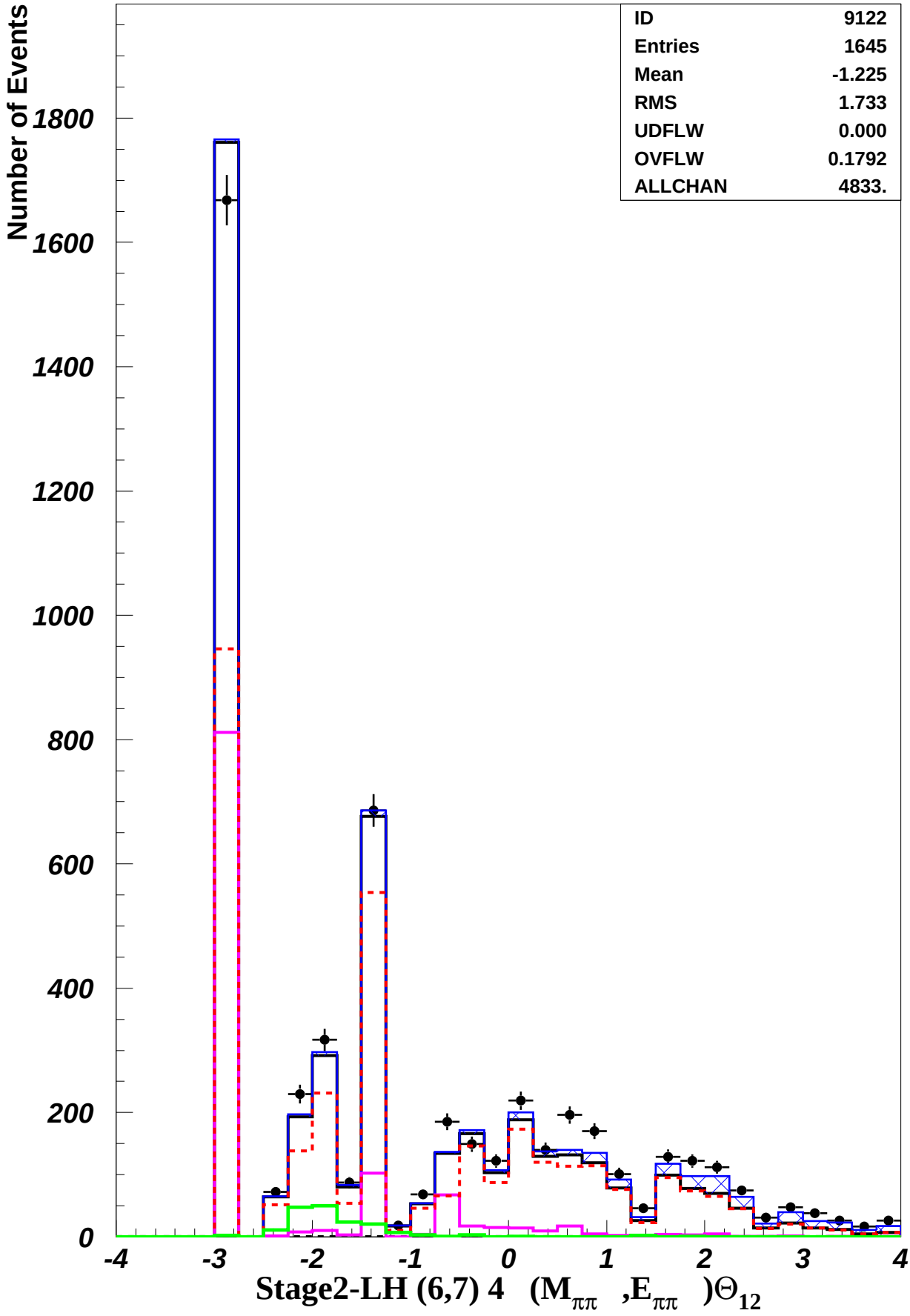

ID 9122
Entries 1645
Mean -0.6225
RMS 1.328
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
0
200
400
600
800
1000
1200
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,7) 4 (Φ12 ,Eππ)Θ12

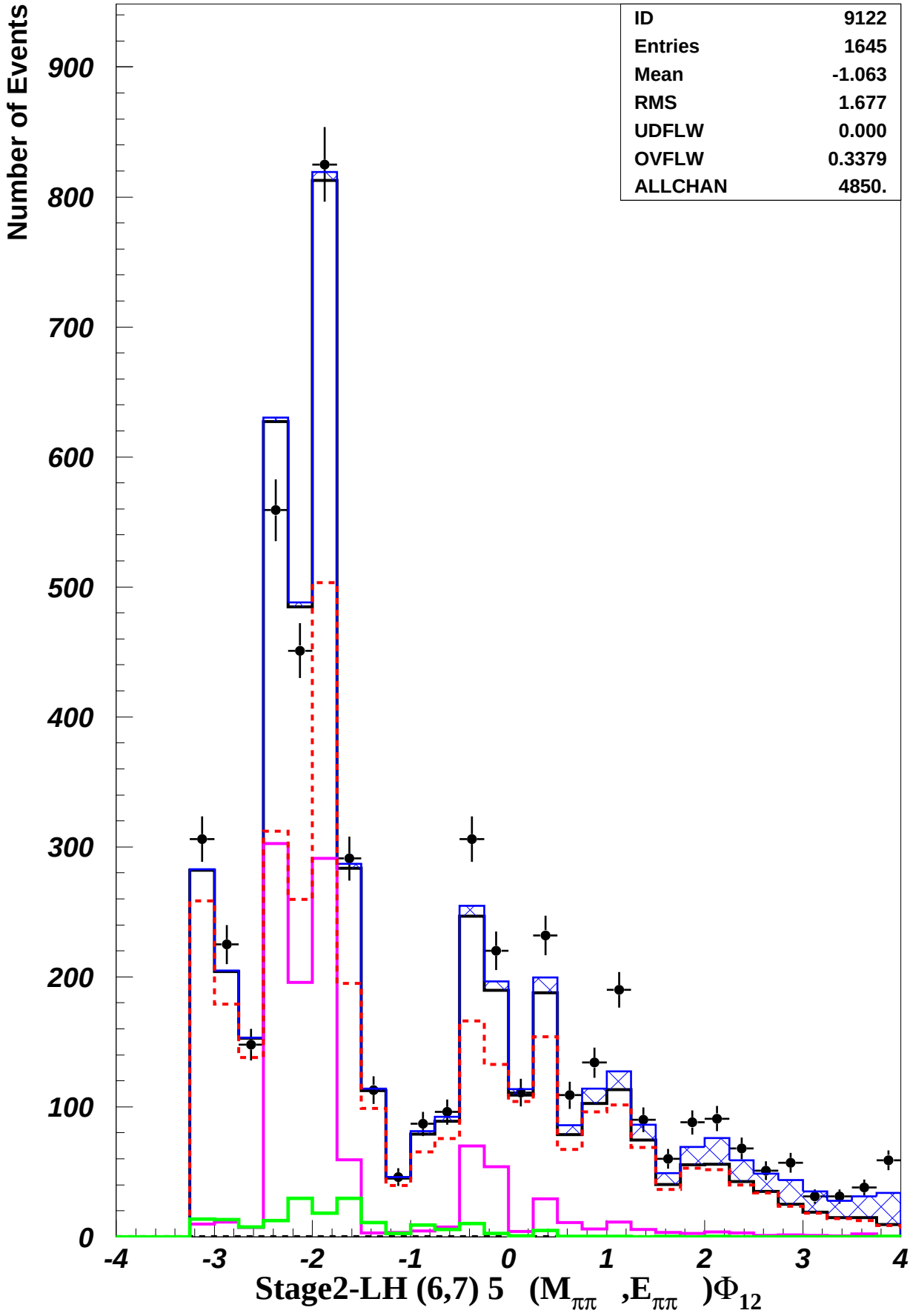

ID 9122
Entries 1645
Mean -1.208
RMS 1.758
UDFLW 0.000
OVFLW 0.4184
ALLCHAN 4836.
Number of Events
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (5,7) 6 (Φ_{12} ,$E_{\pi\pi}$)$M_{\pi\pi}$


ID 9122
Entries 1645
Mean -1.202
RMS 1.714
UDFLW 0.000
OVFLW 0.8674
ALLCHAN 4808.
Number of Events
1600
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (6,7) 1 (M$_{\pi\pi}$,E$_{\pi\pi}$)$\Theta_{\pi\pi}$


ID 9122
Entries 1645
Mean -0.9649
RMS 1.643
UDFLW 0.000
OVFLW 0.000
ALLCHAN 4853.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (6,7) 2 (M$_{\pi\pi}$,E$_{\pi\pi}$)P$_{\pi}$Asym


ID 9122
Entries 1645
Mean -1.402
RMS 1.927
UDFLW 0.000
OVFLW 0.9132
ALLCHAN 4820.
Number of Events
1400
1200
1000
800
600
400
200
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (6,7) 3 (M$_{\pi\pi}$,E$_{\pi\pi}$)$\zeta_{\pi\pi}$


ID 9122
Entries 1645
Mean -1.225
RMS 1.733
UDFLW 0.000
OVFLW 0.1792
ALLCHAN 4833.
Number of Events
0
200
400
600
800
1000
1200
1400
1600
1800
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (6,7) 4 (Mππ ,Eππ)Θ12


ID 9122
Entries 1645
Mean -1.063
RMS 1.677
UDFLW 0.000
OVFLW 0.3379
ALLCHAN 4850.
Number of Events
900
800
700
600
500
400
300
200
100
0
-4
-3
-2
-1
0
1
2
3
4
Stage2-LH (6,7) 5 (Mππ ,Eππ)Φ12