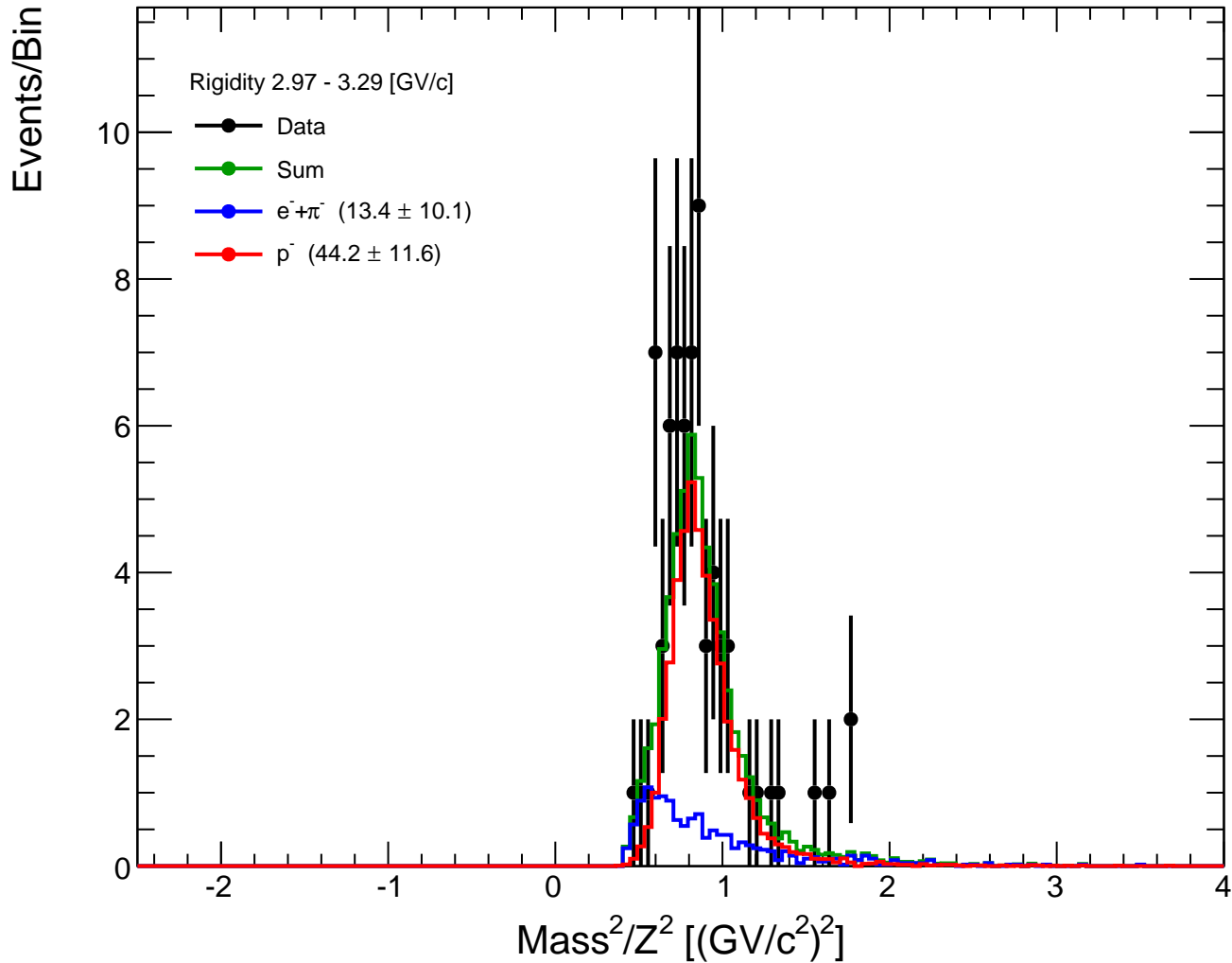
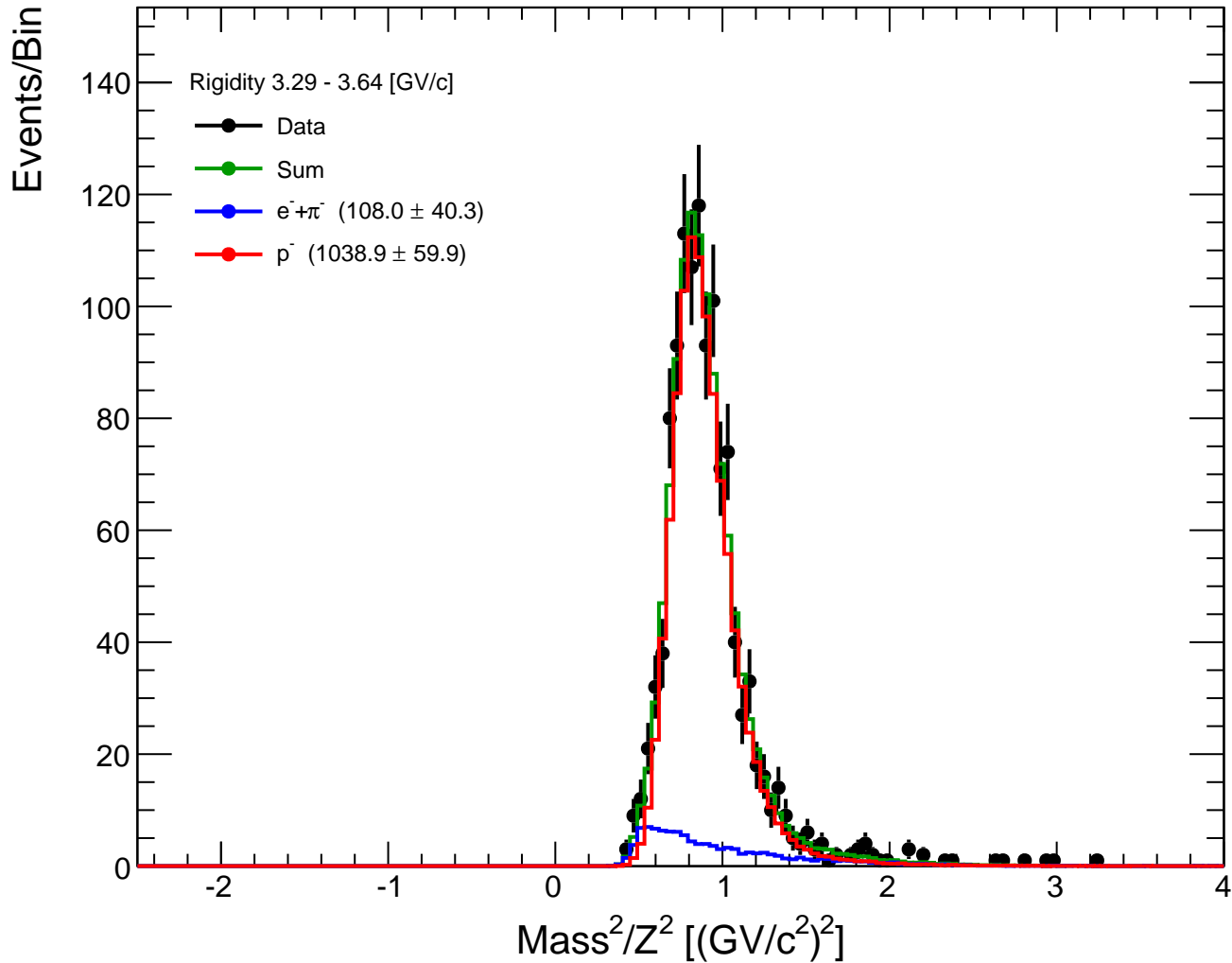
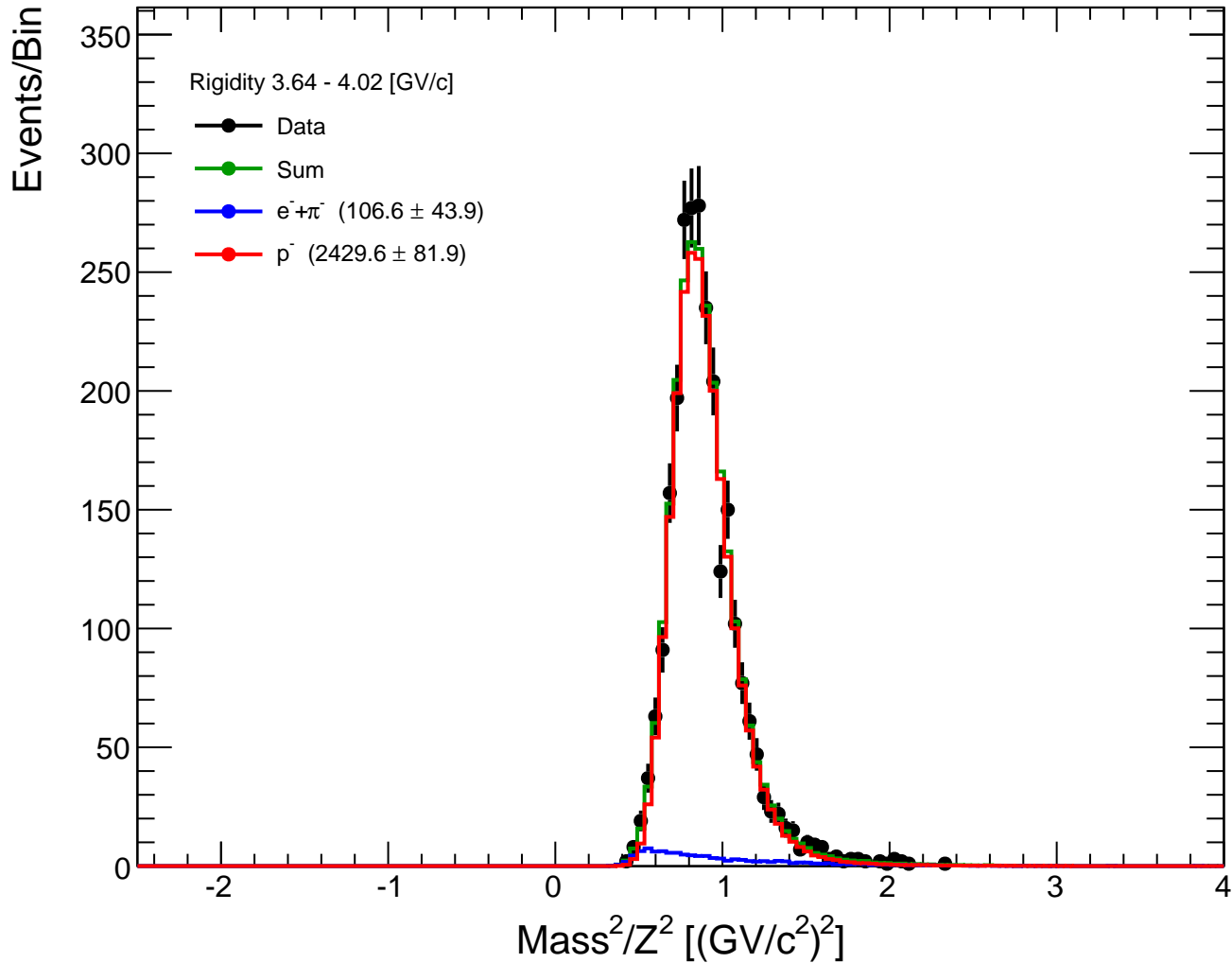
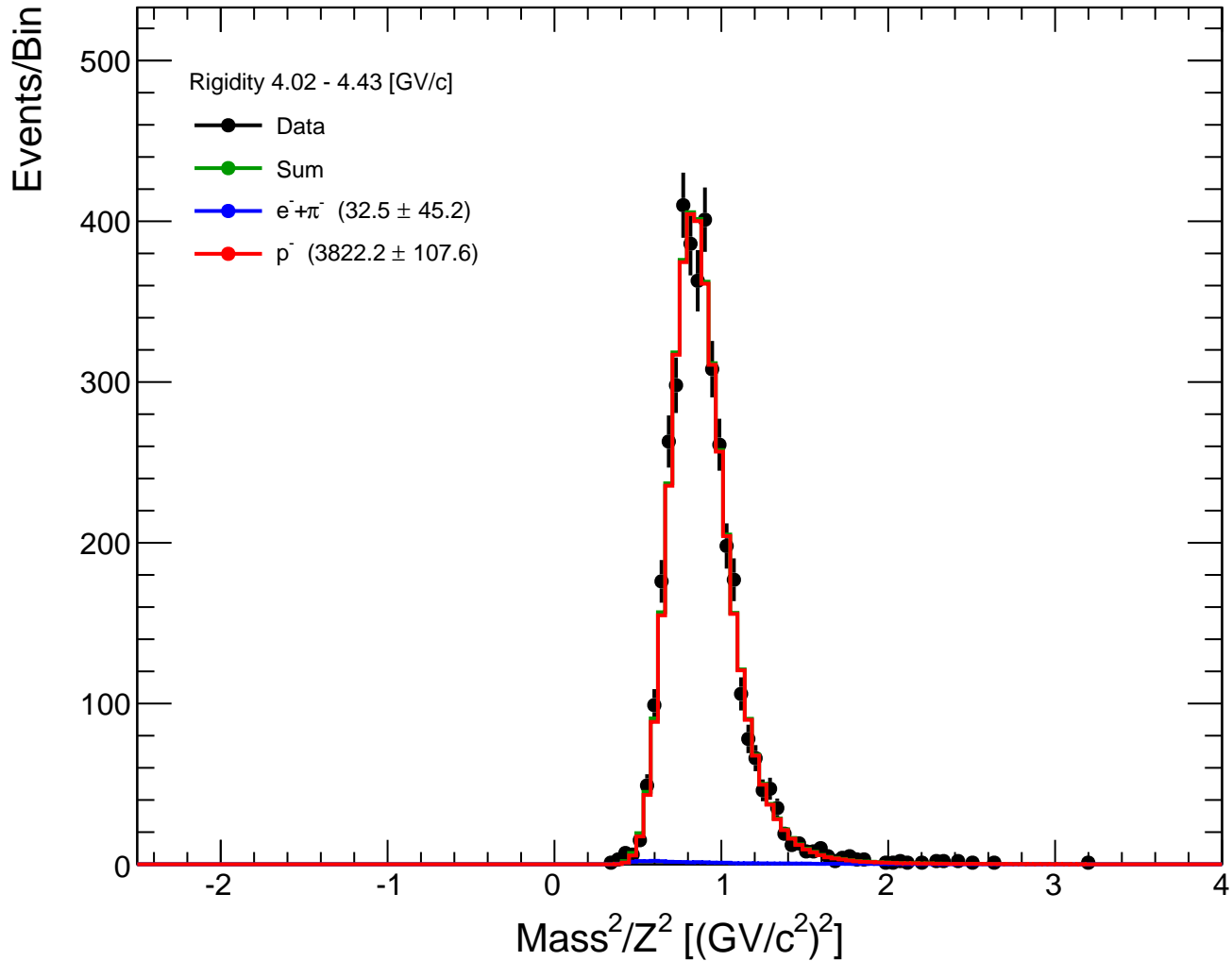


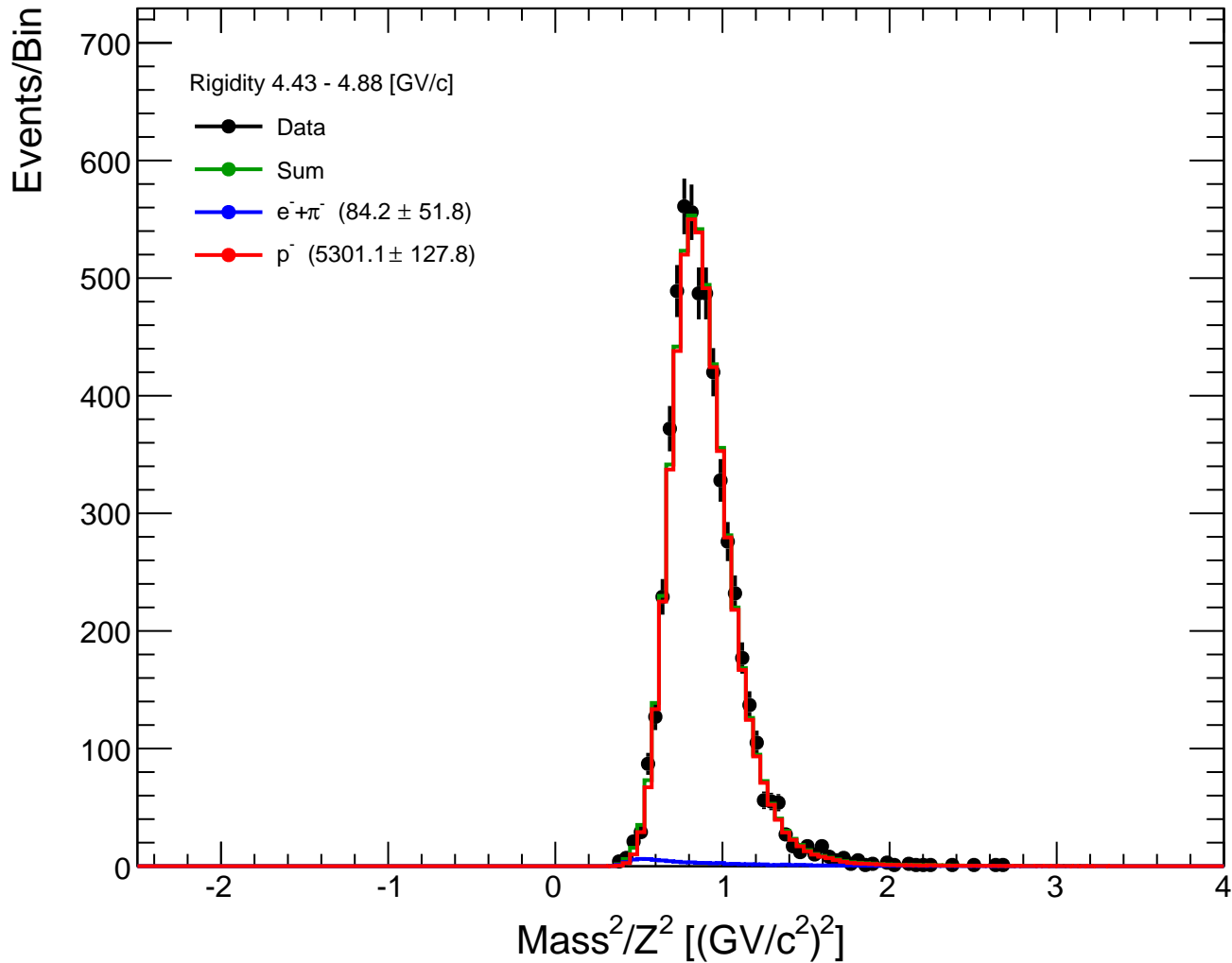
<< START >> antip_m

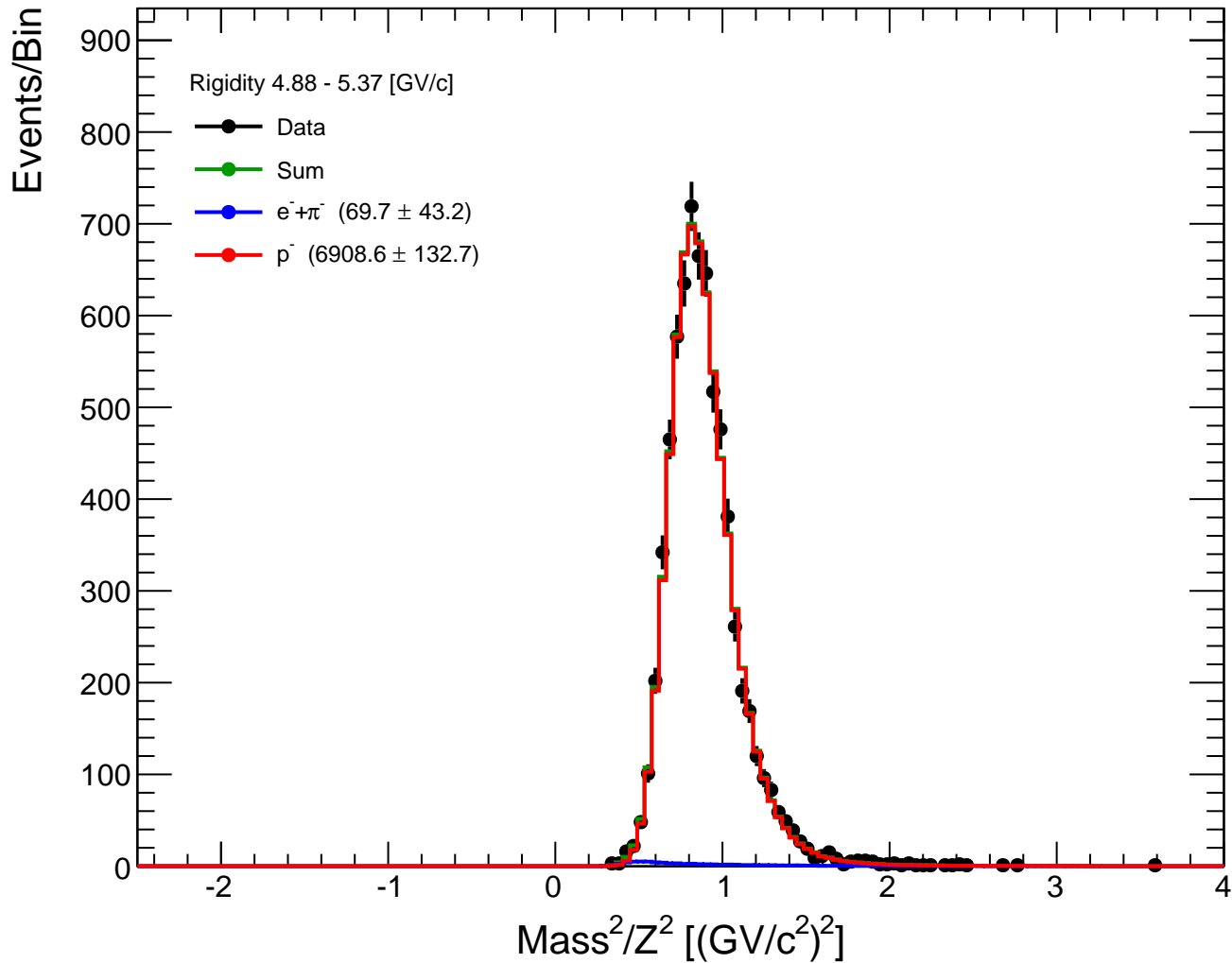


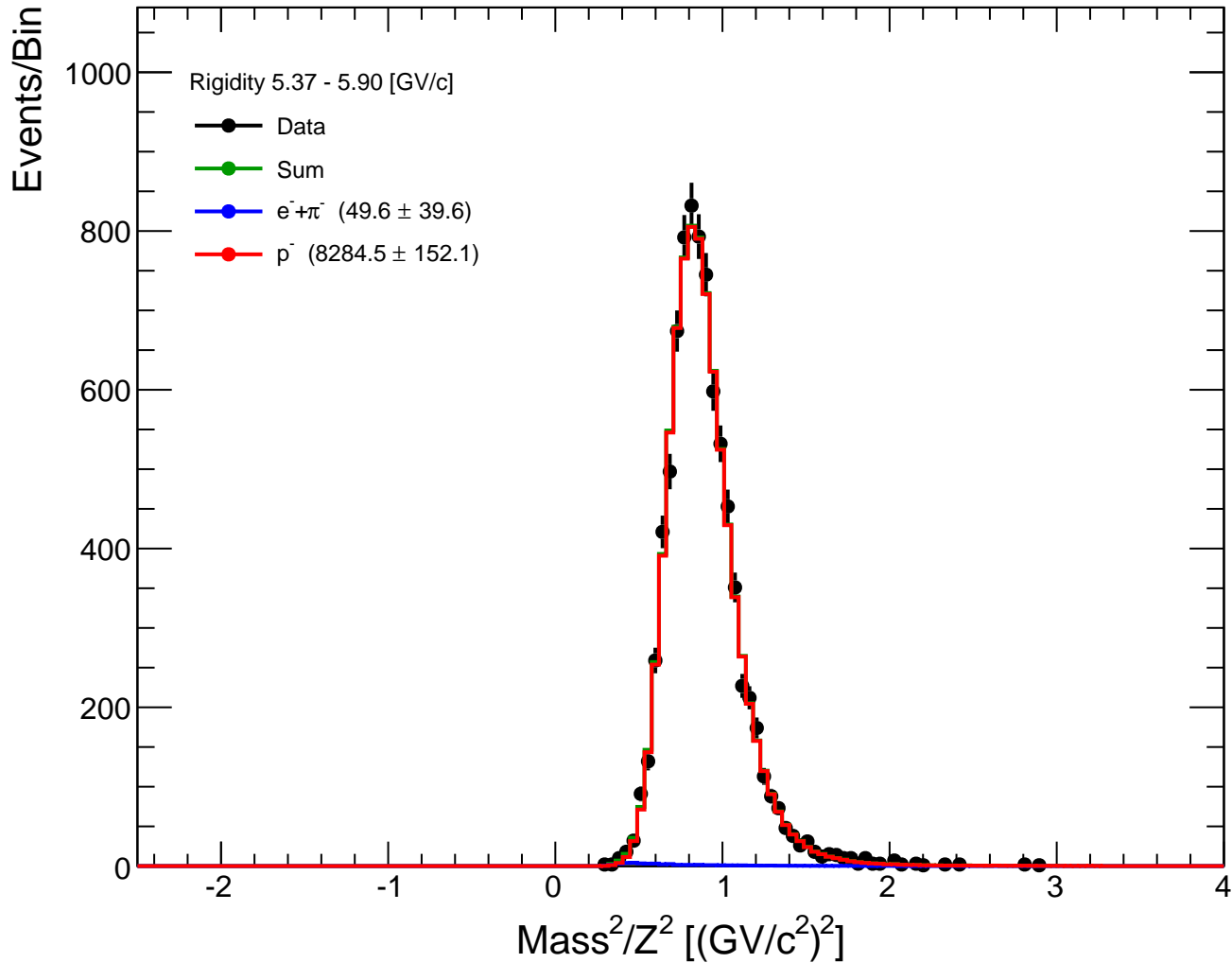


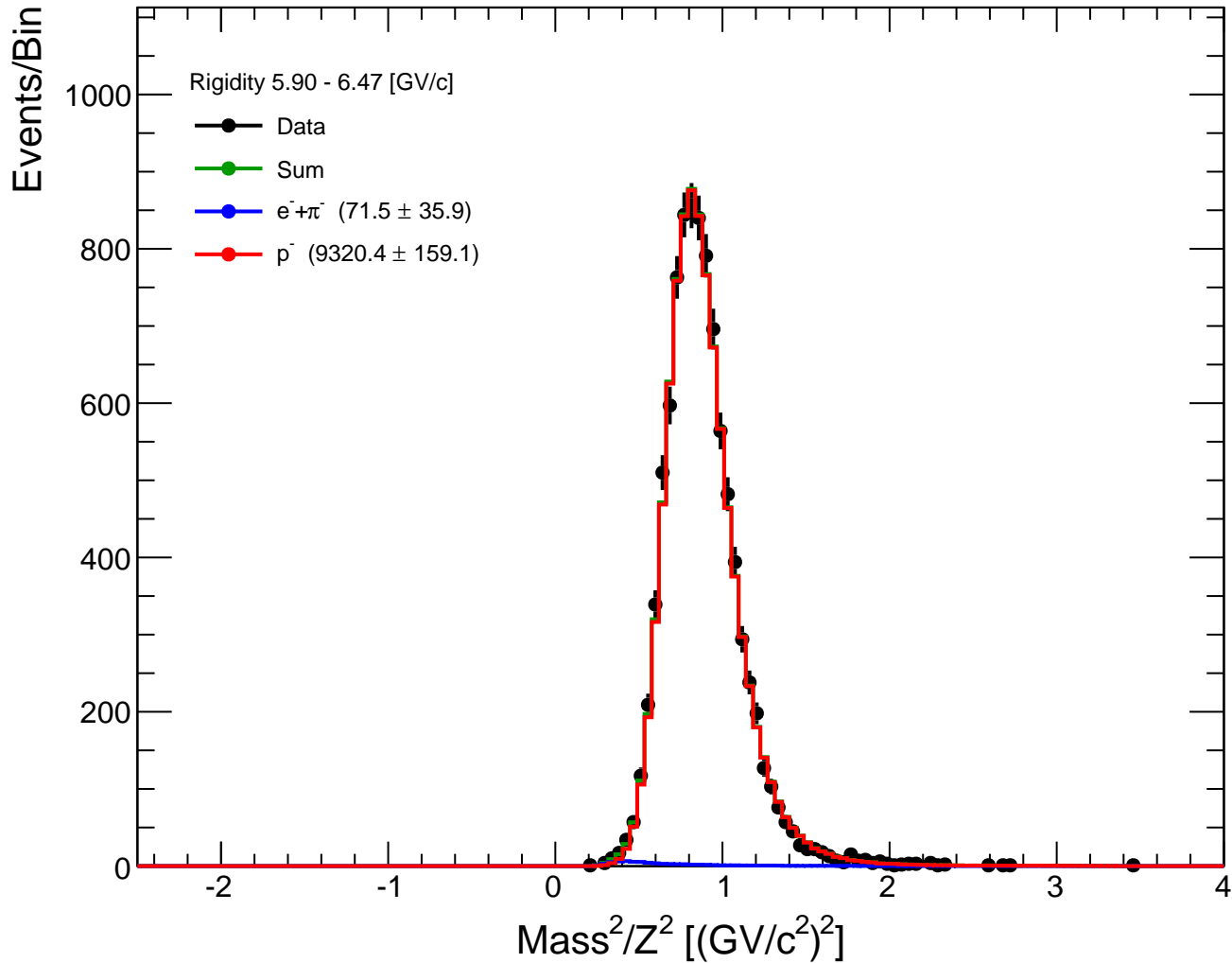


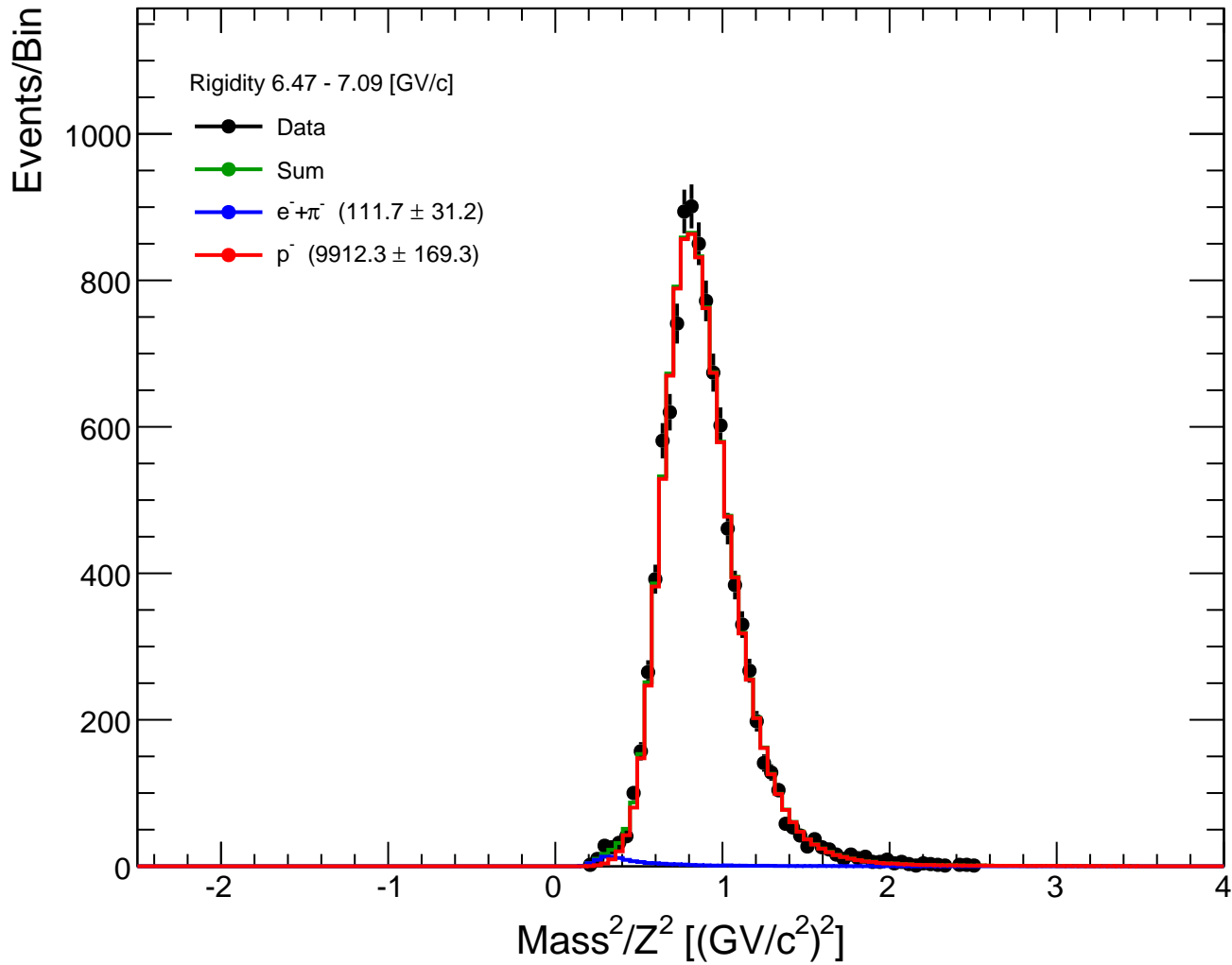


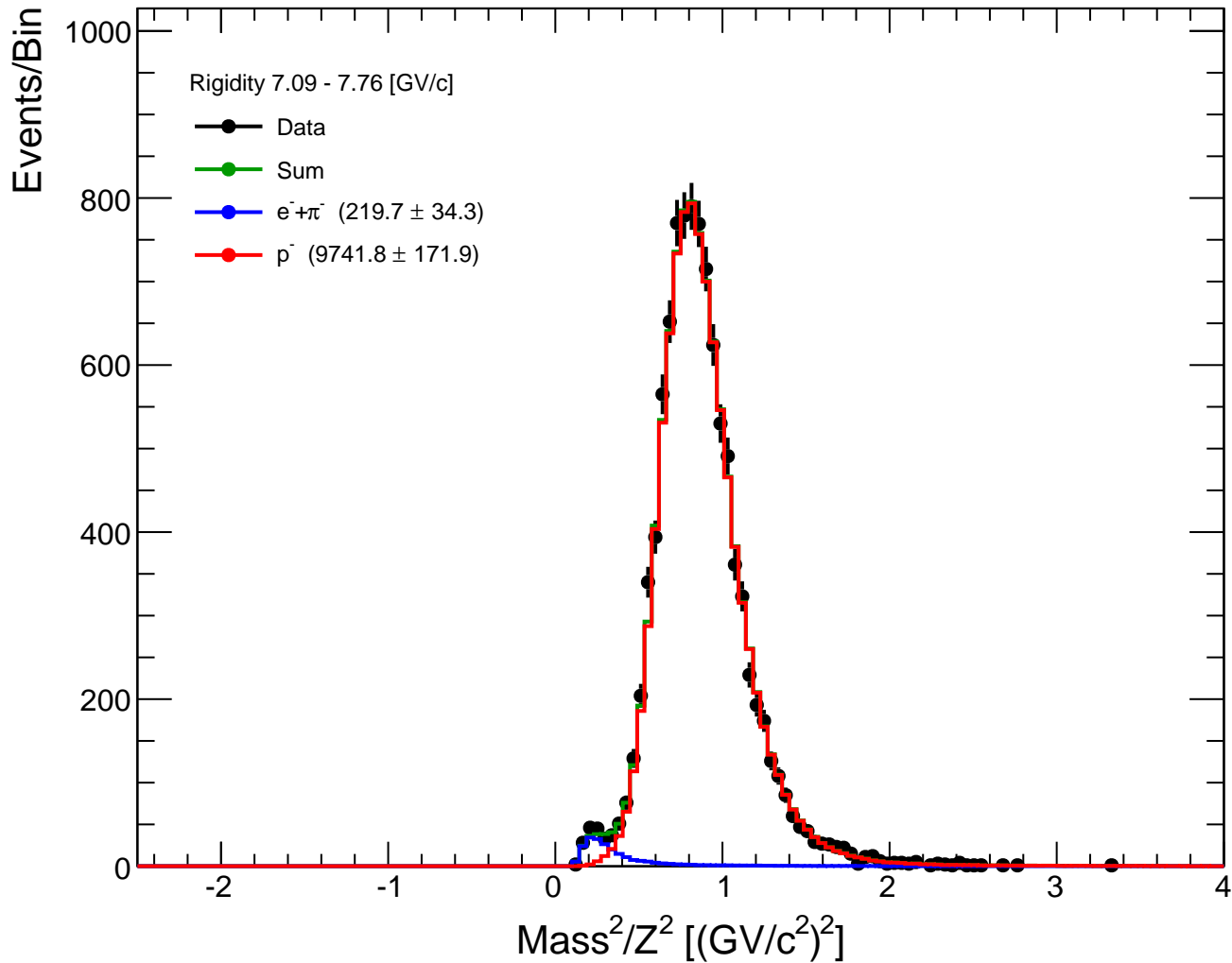


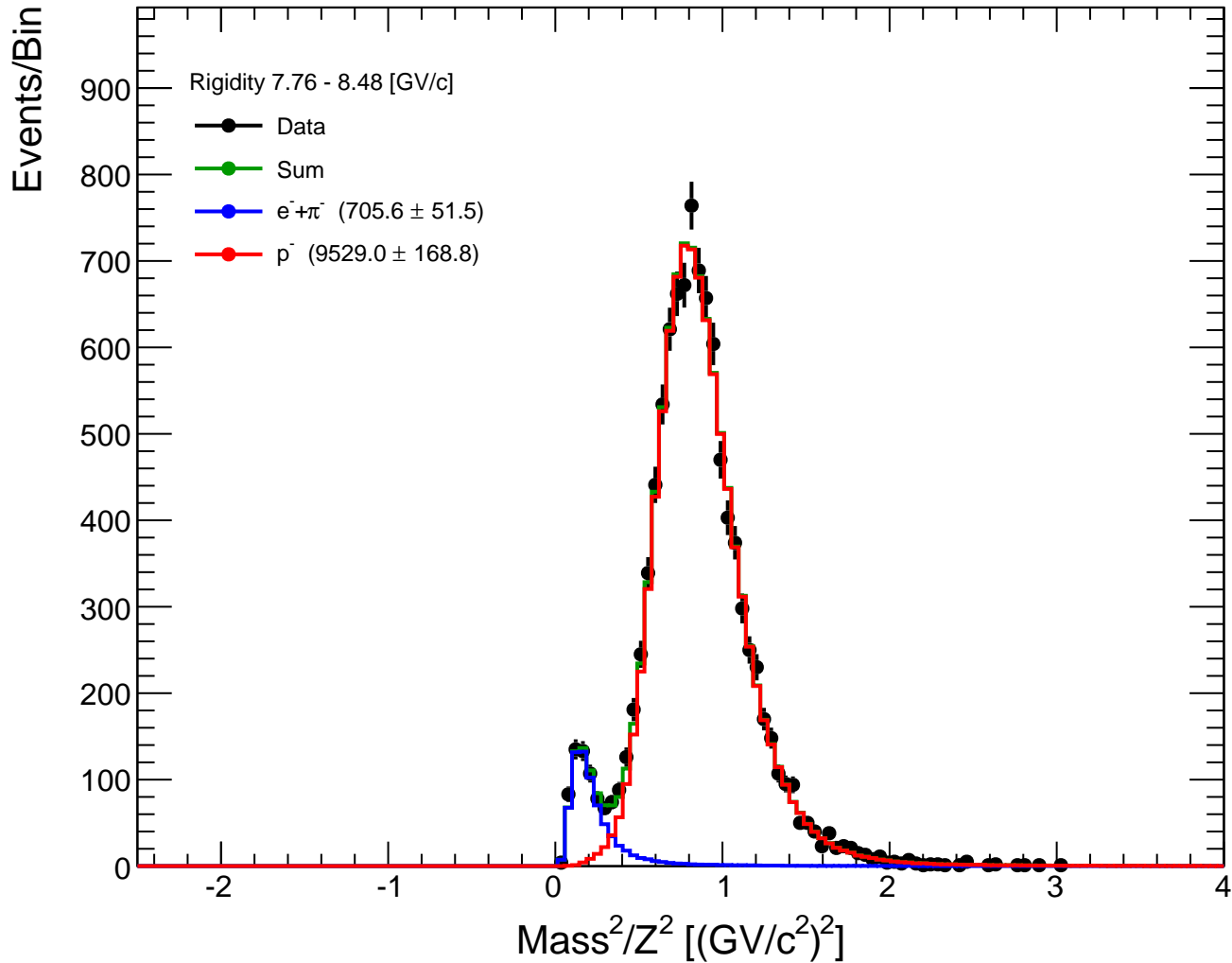


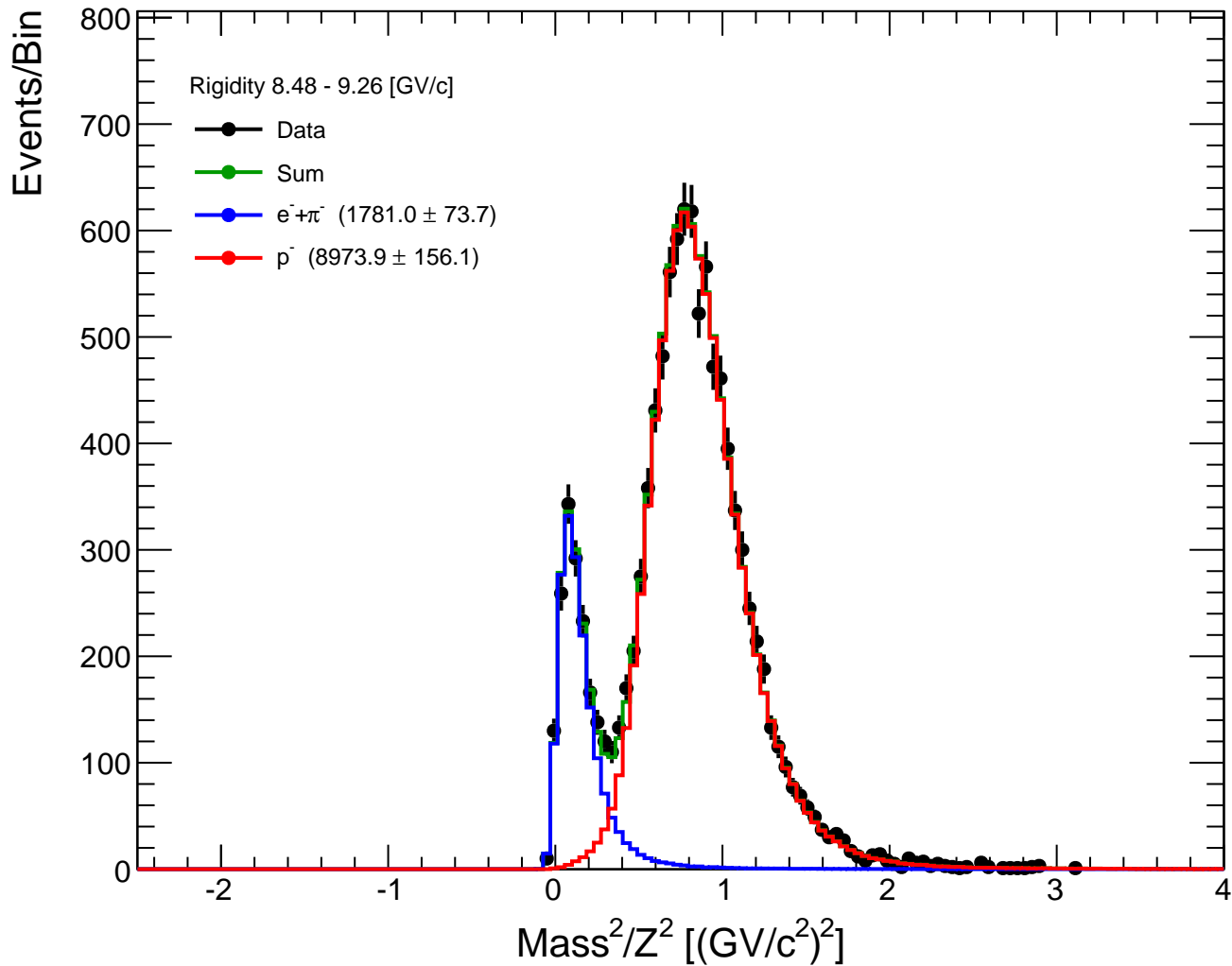


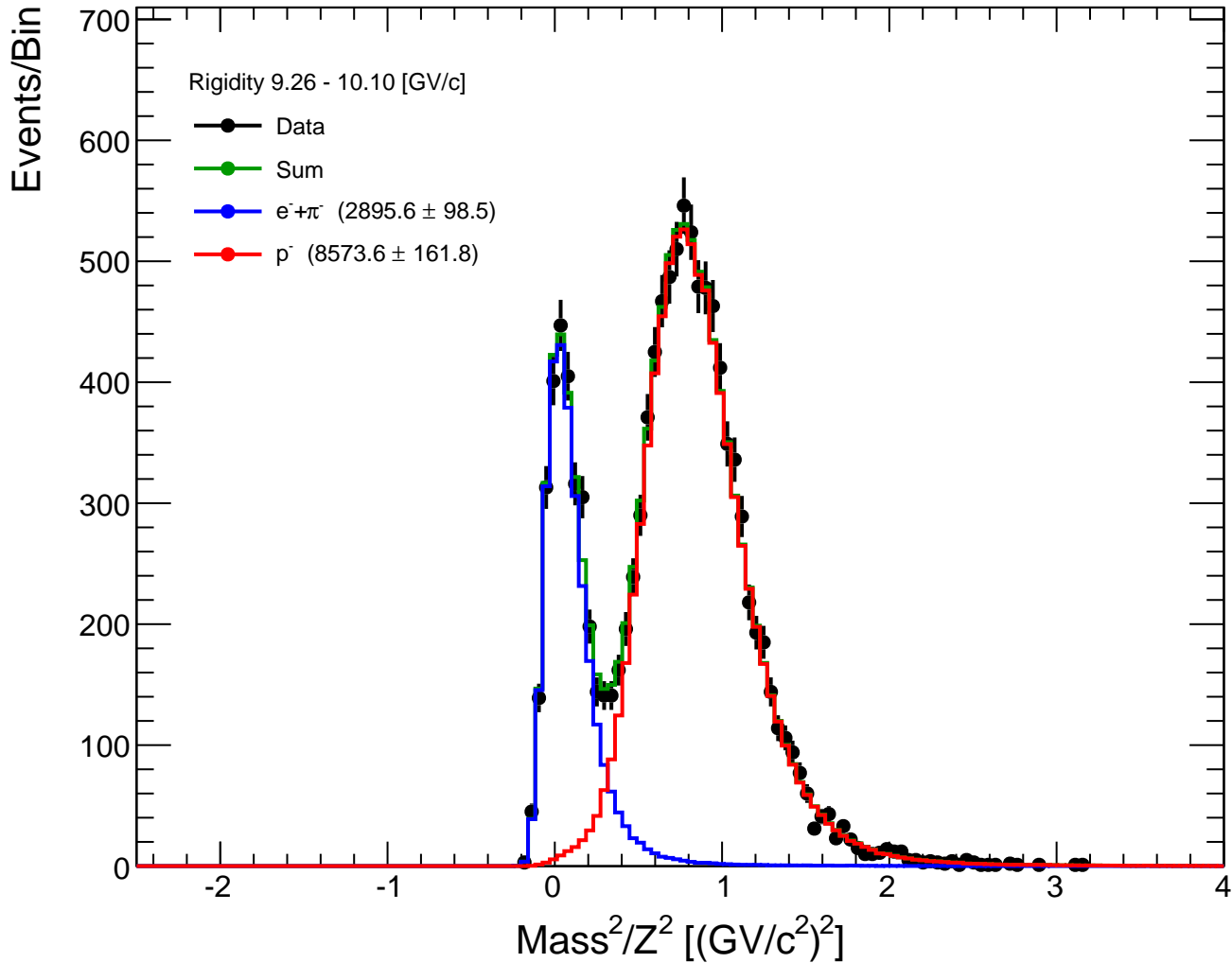


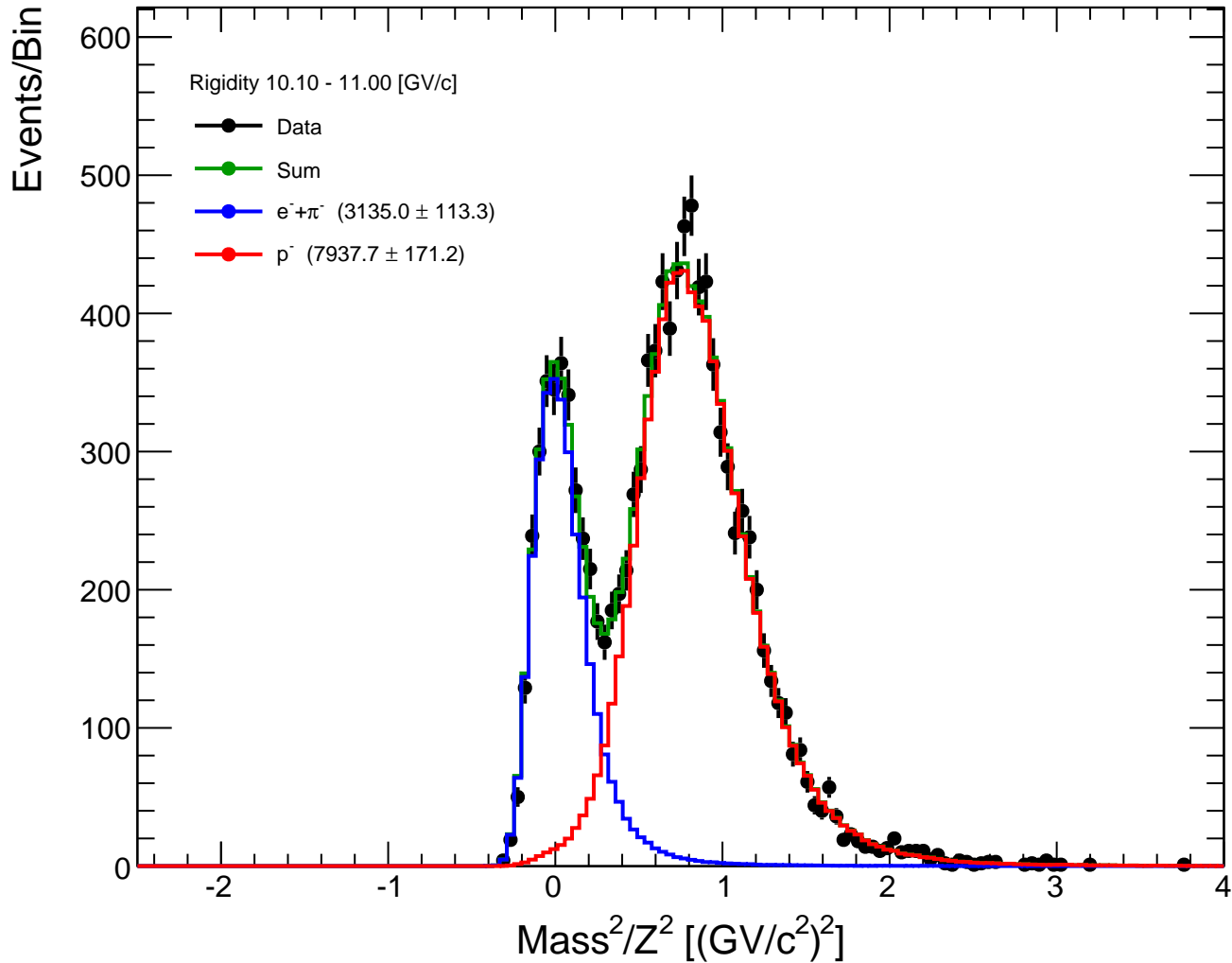


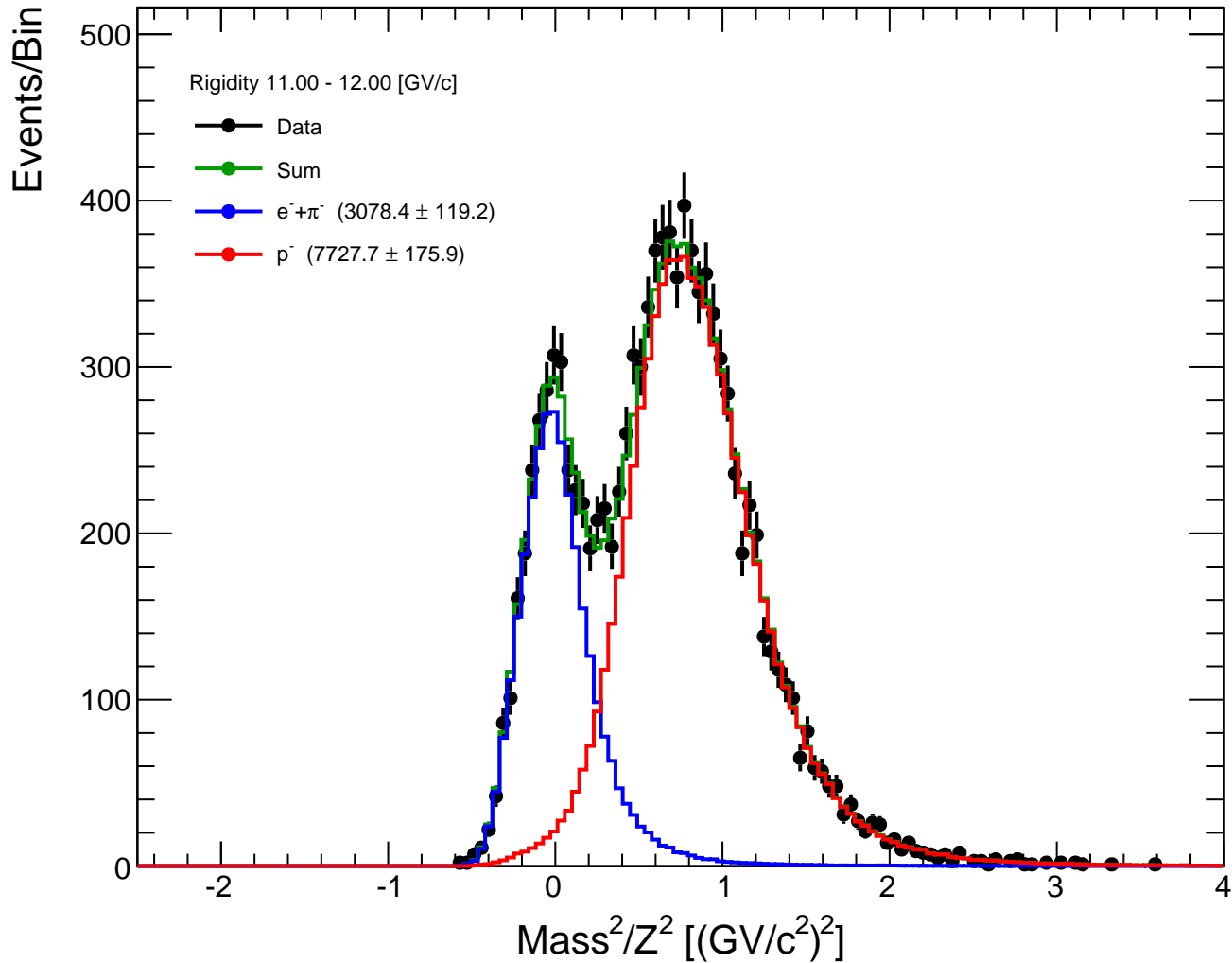


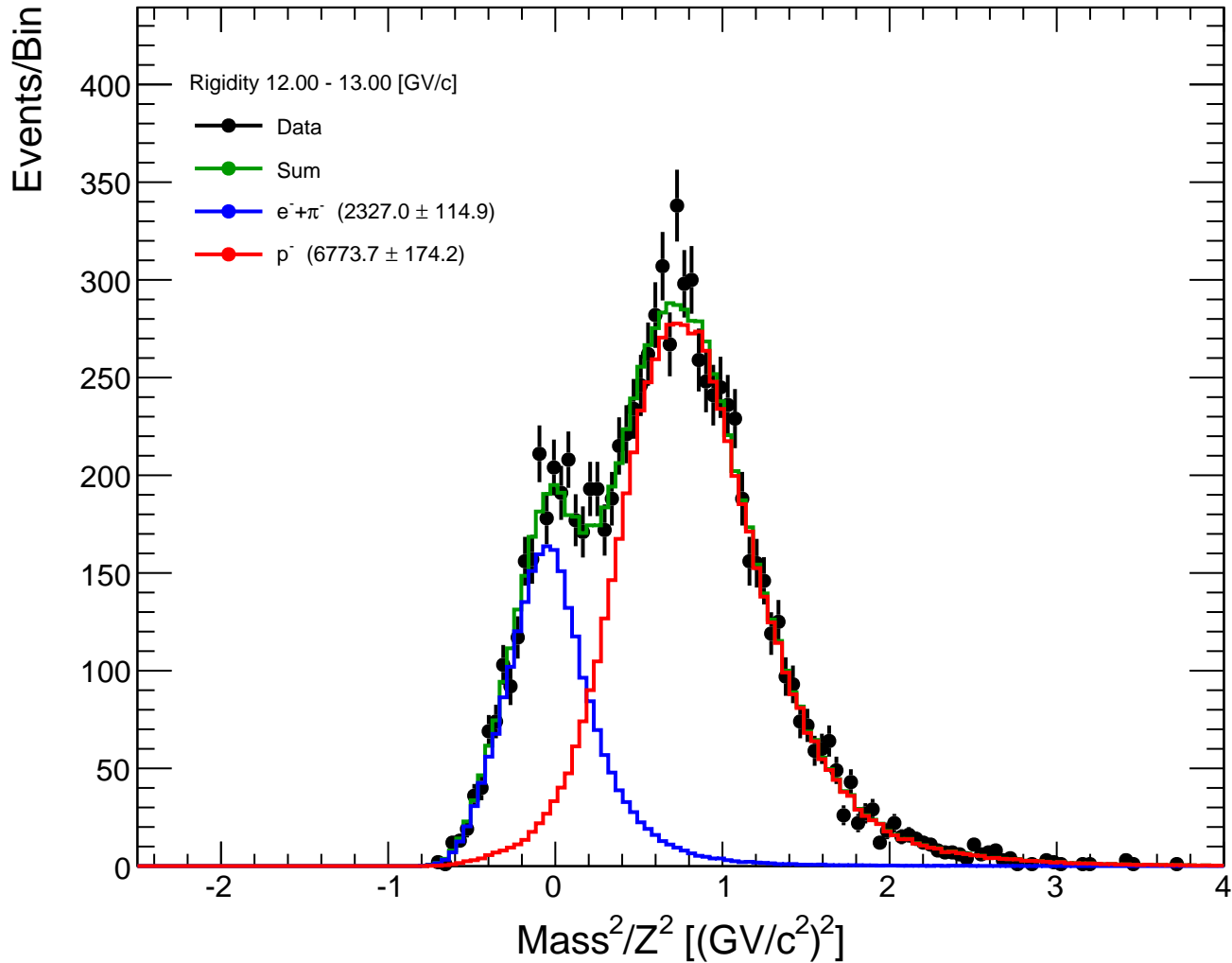


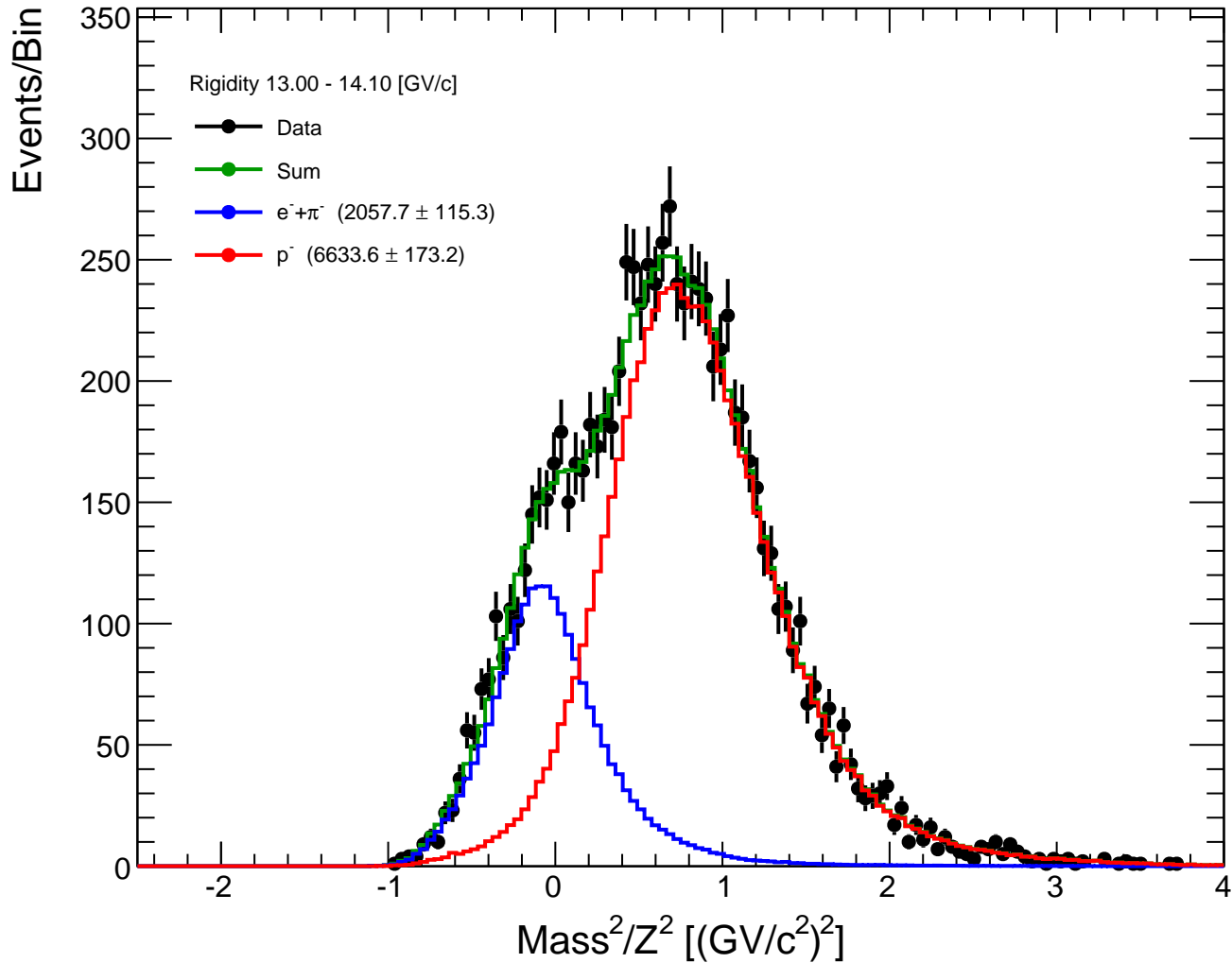


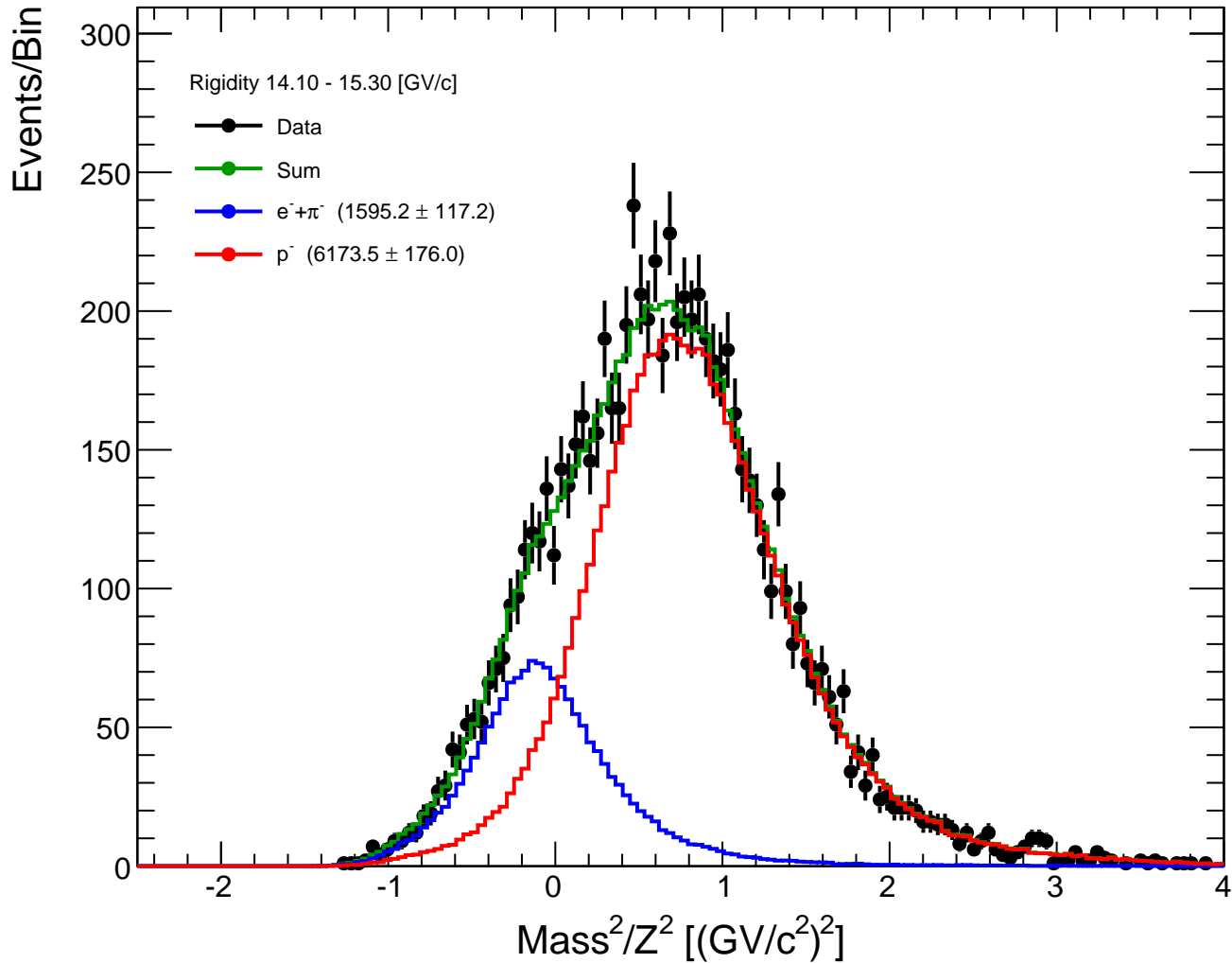


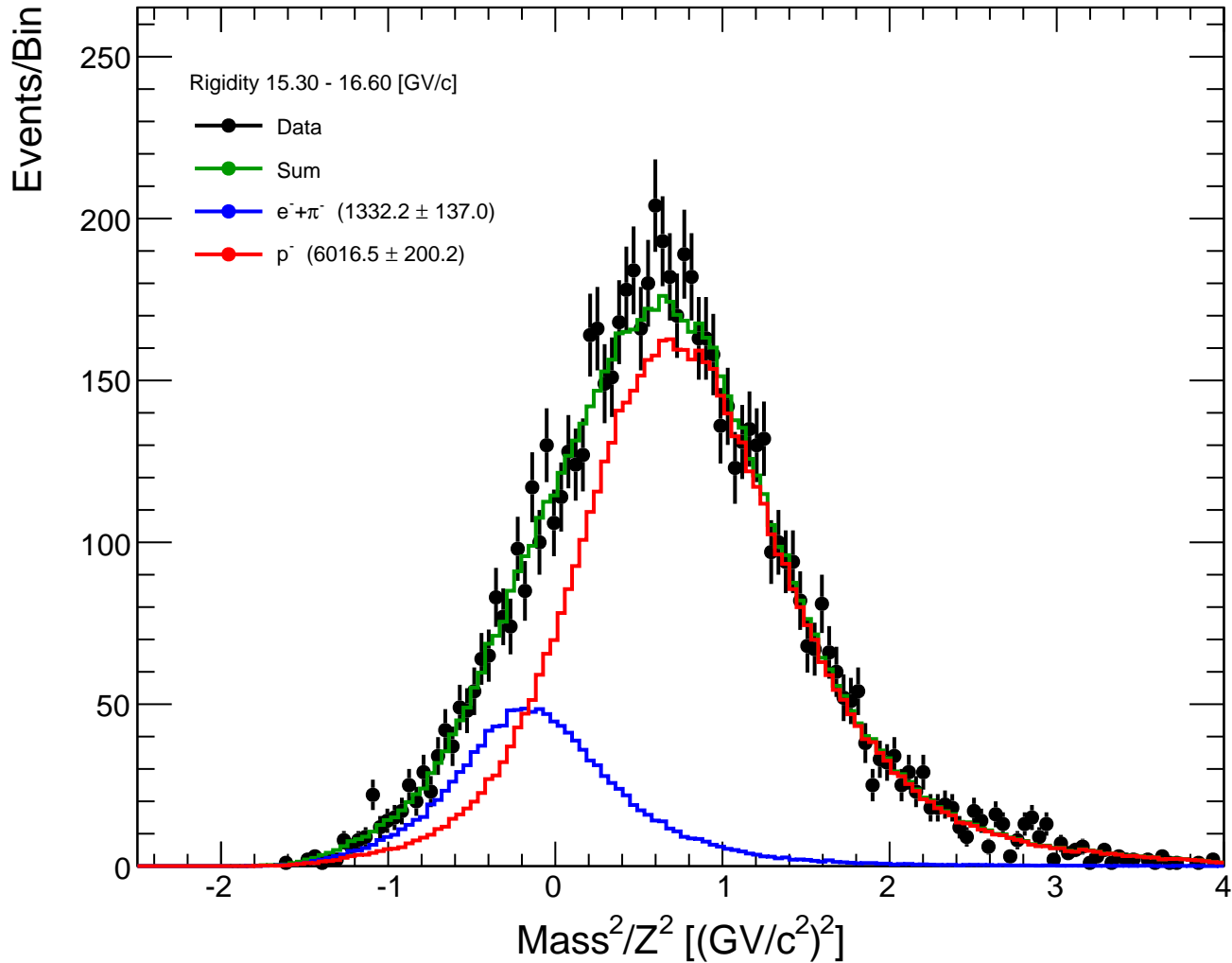


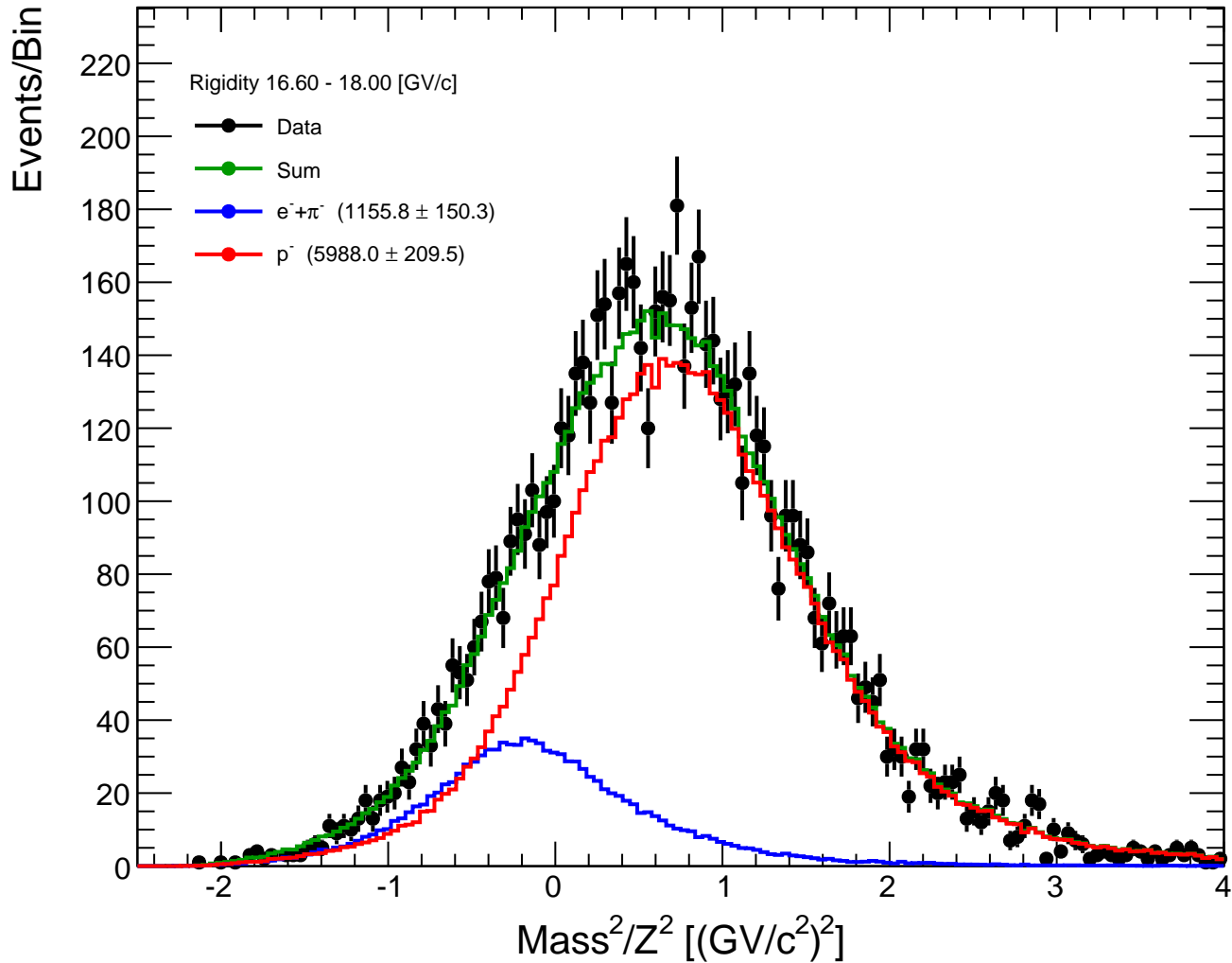


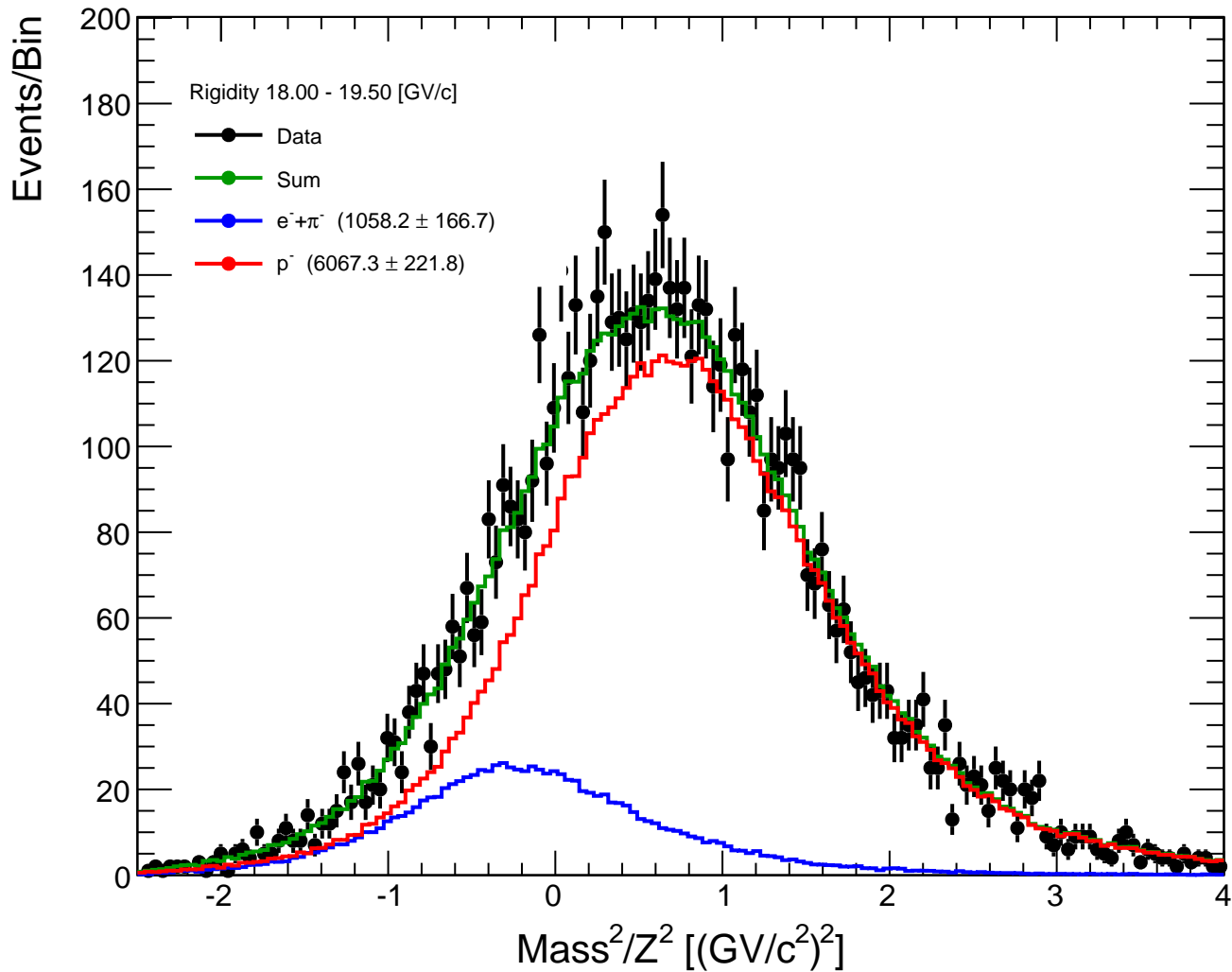


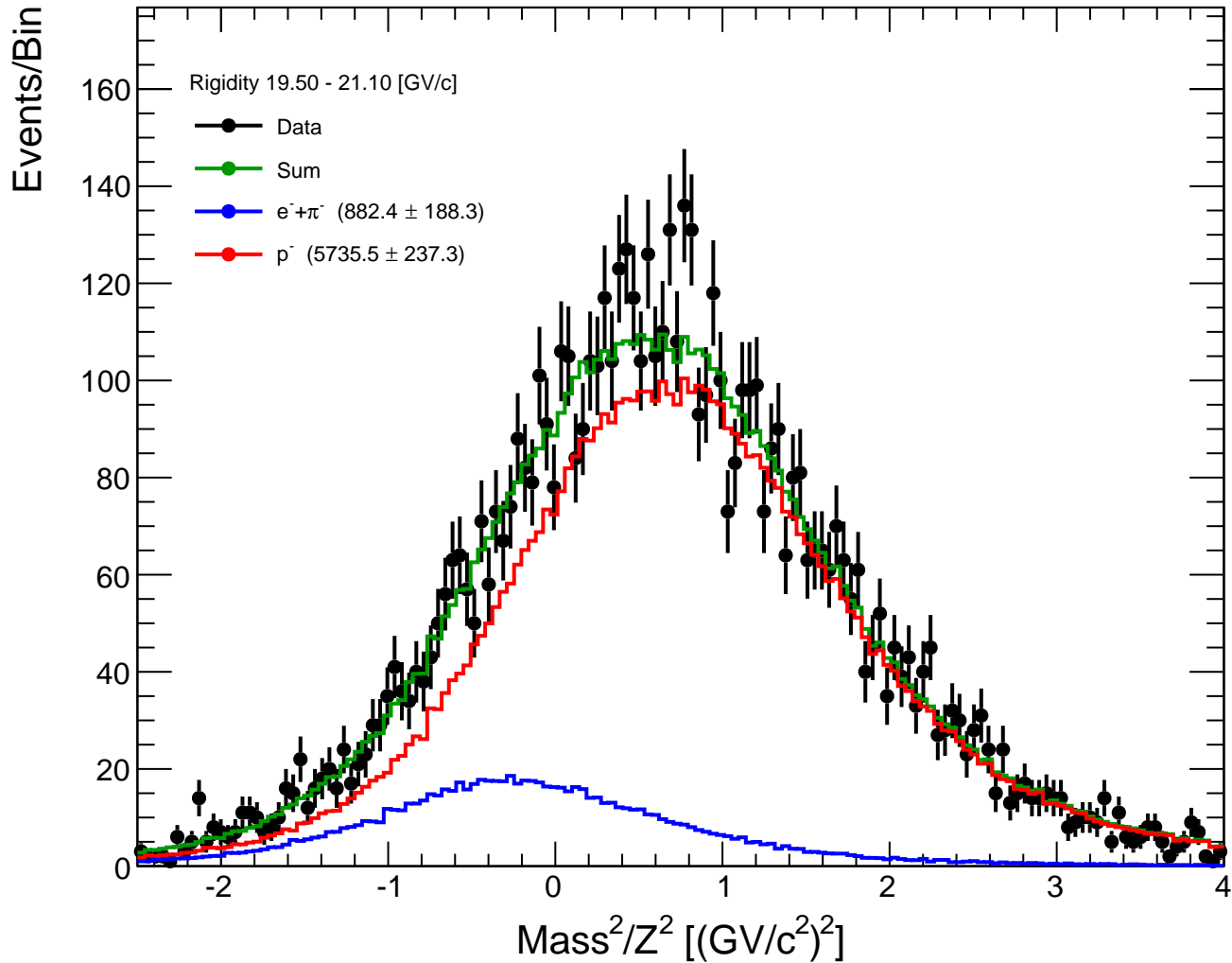


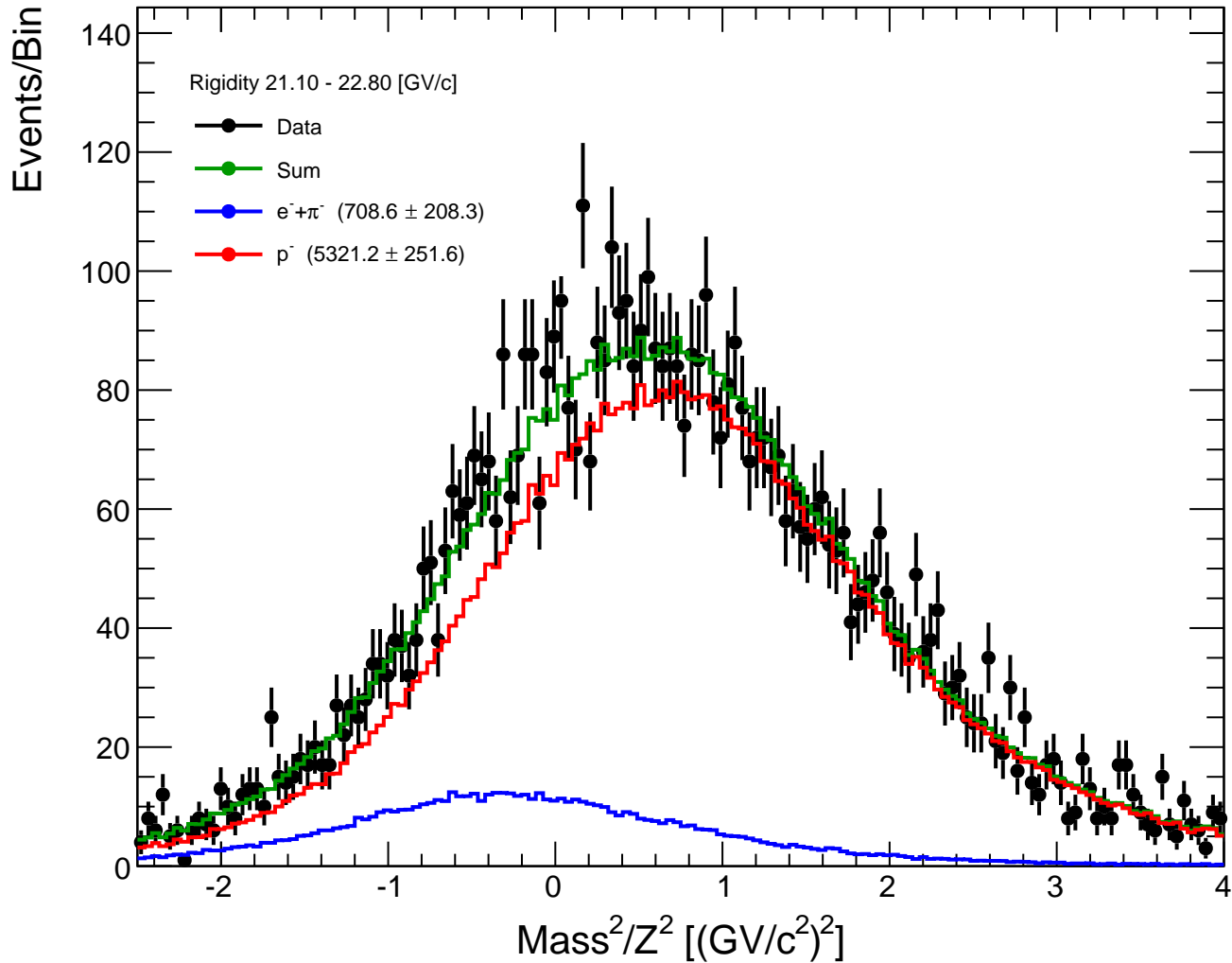


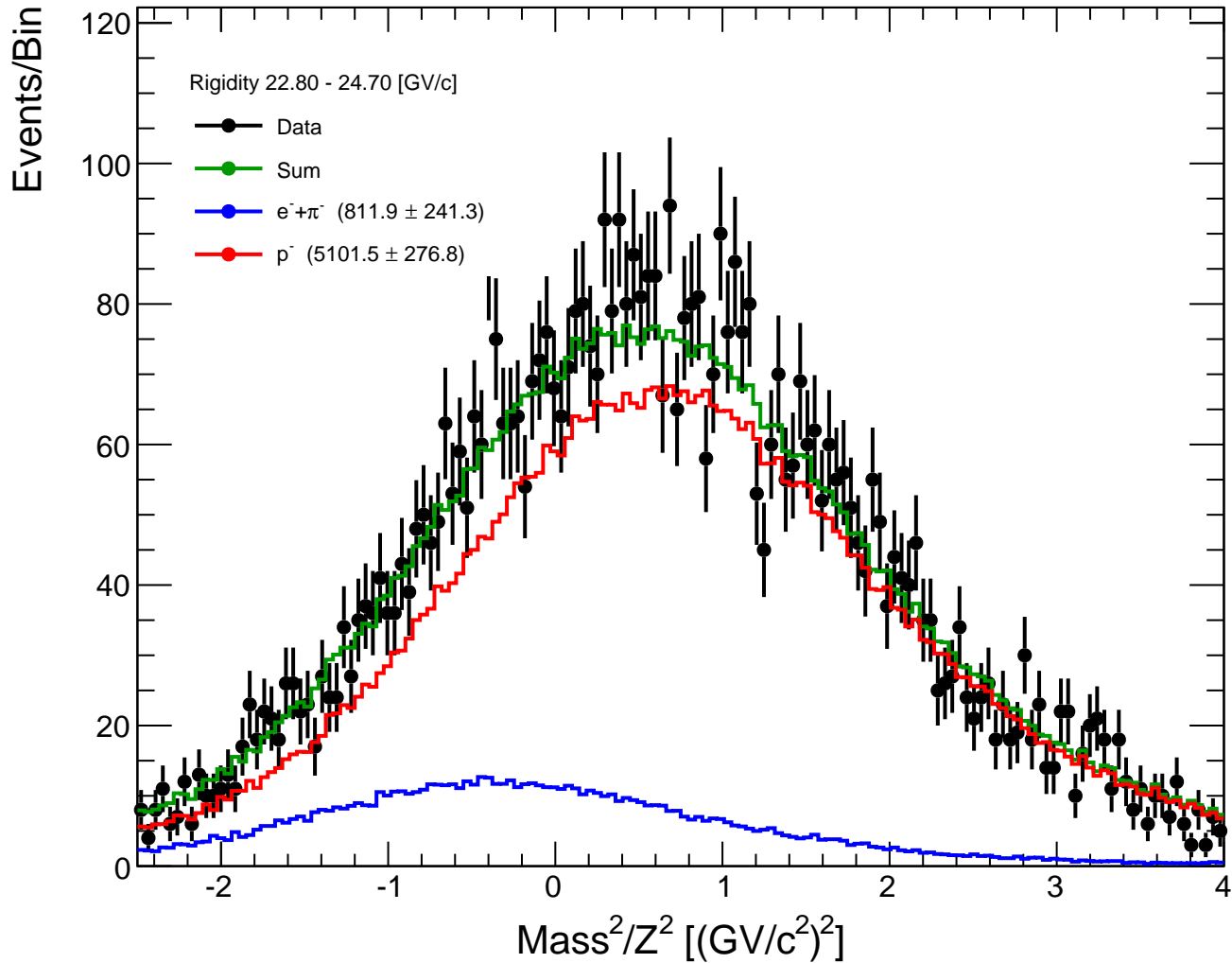


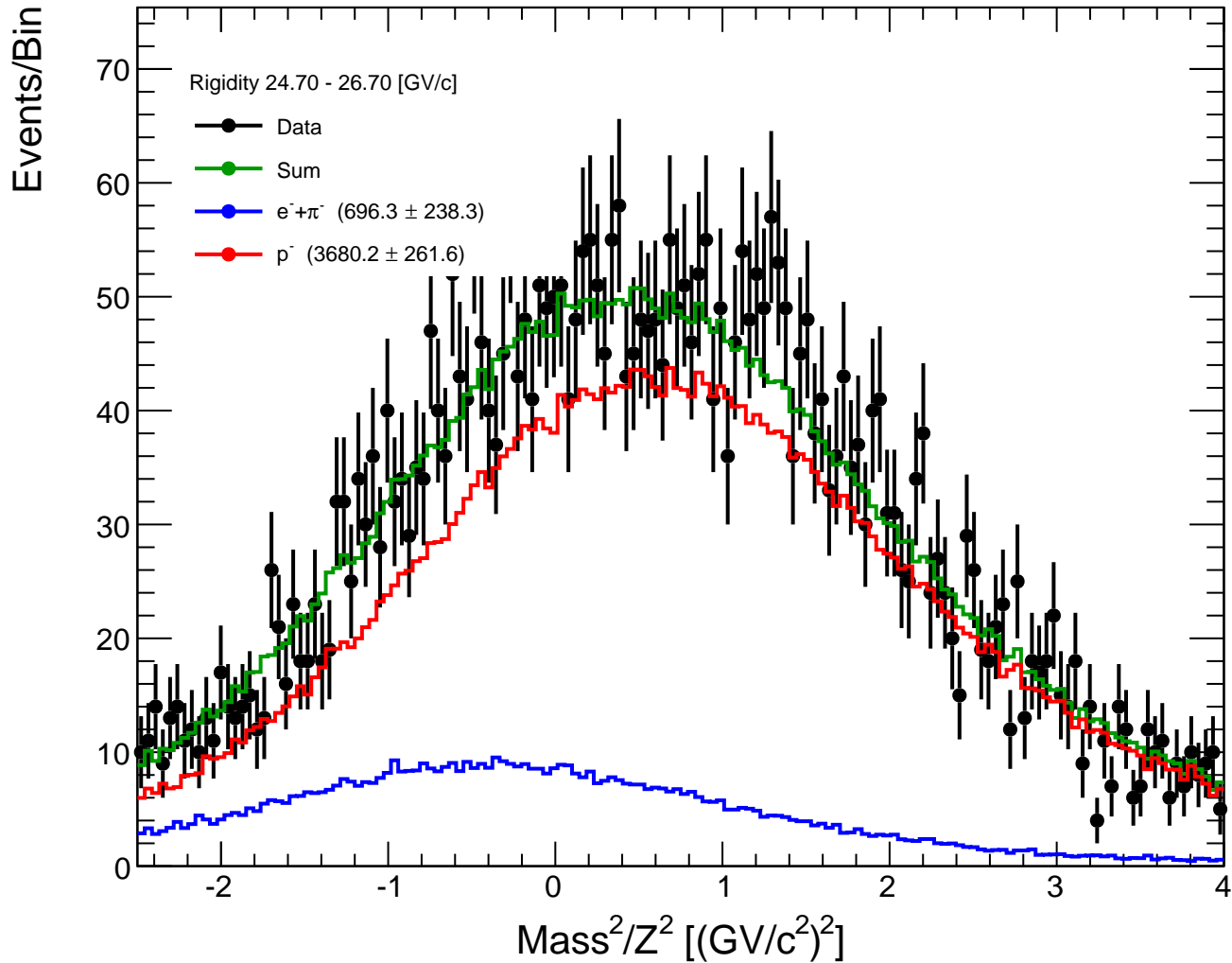


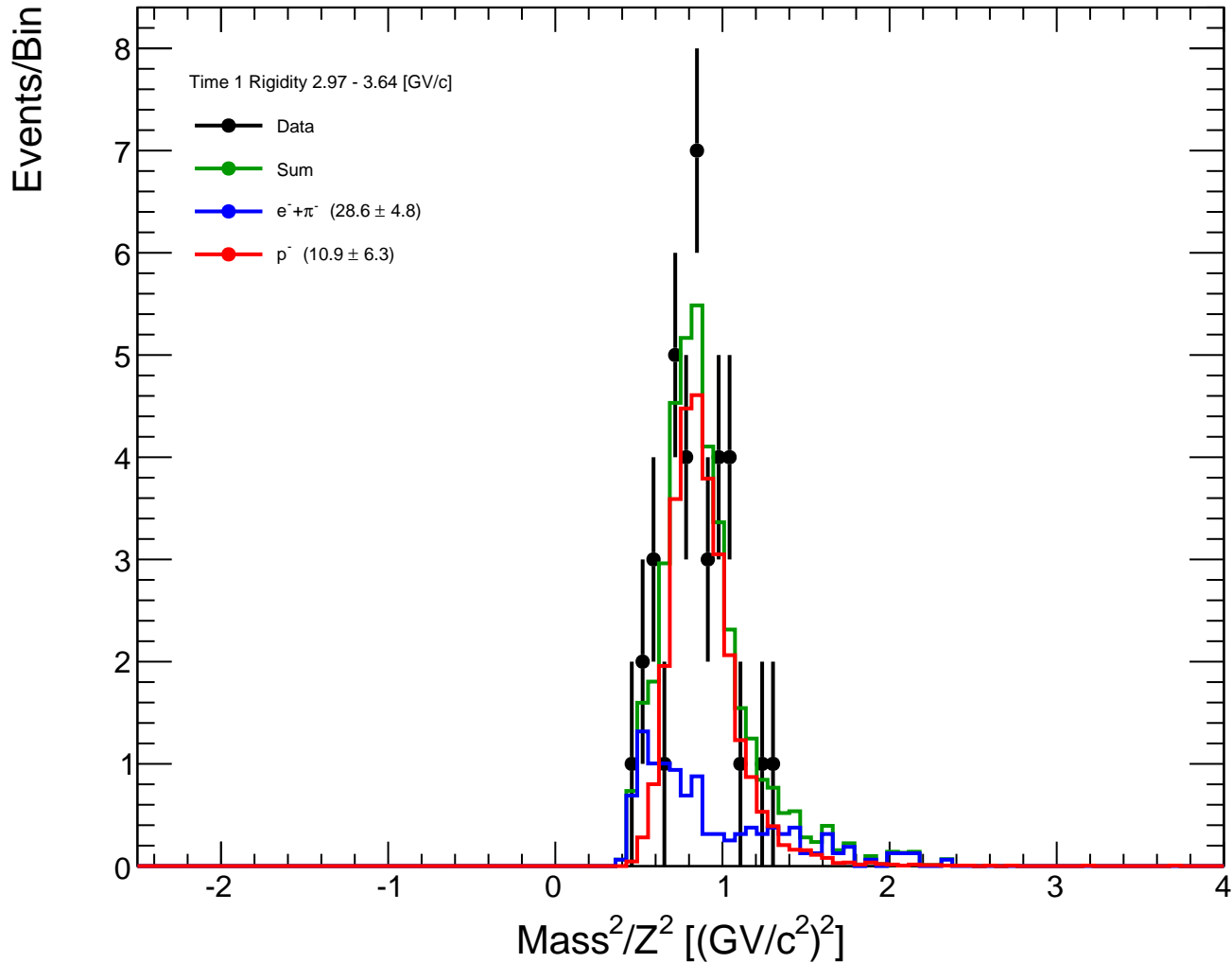


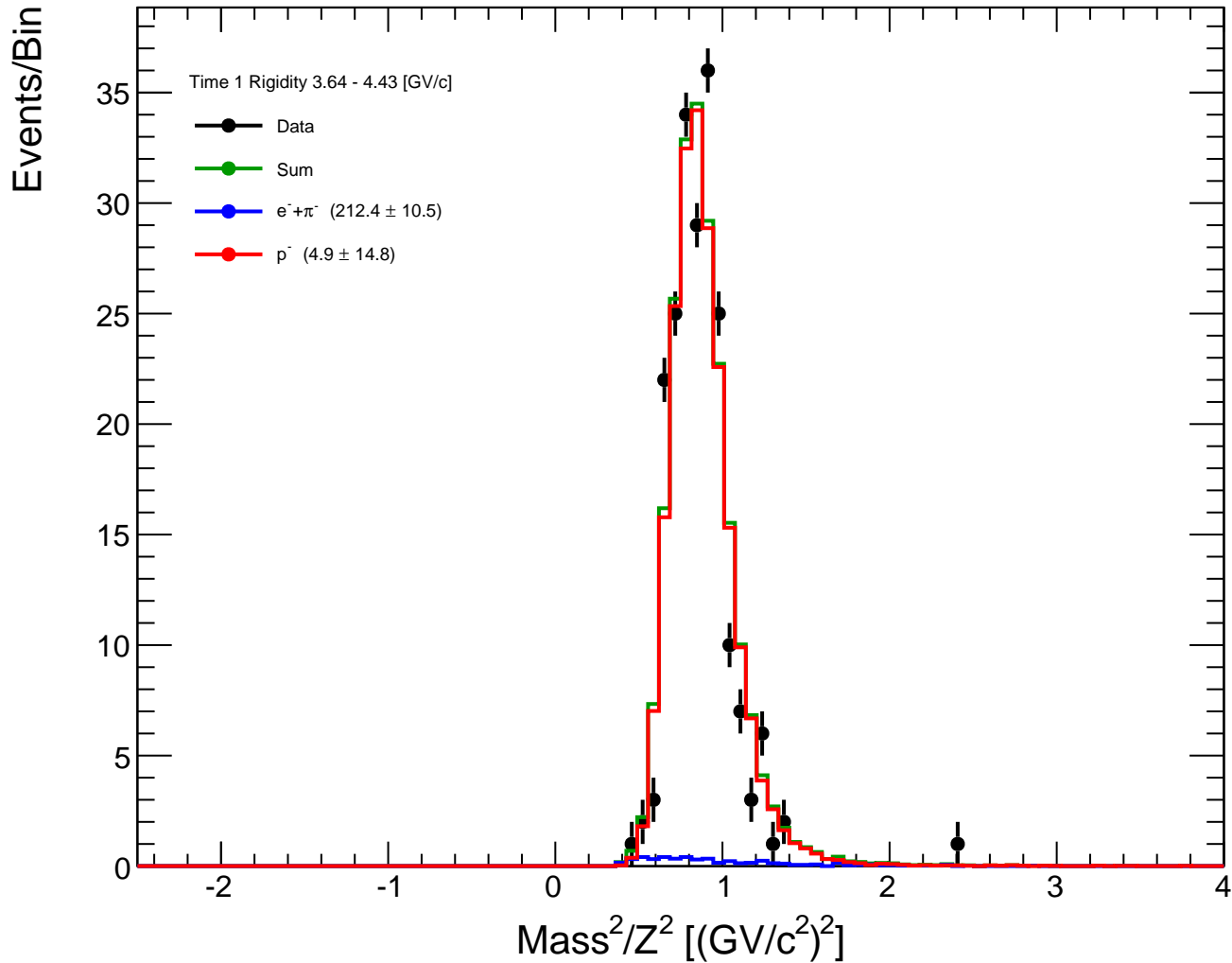


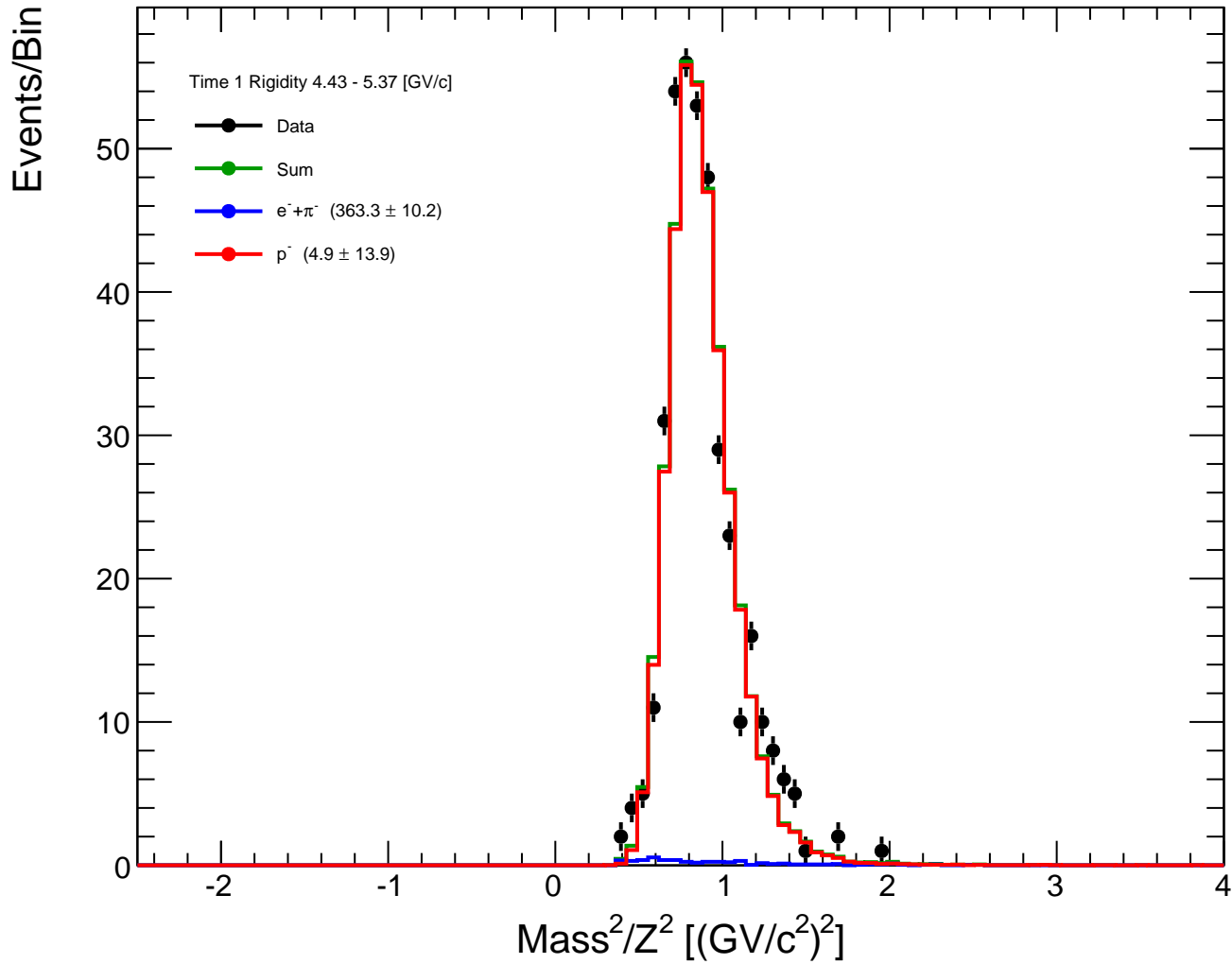




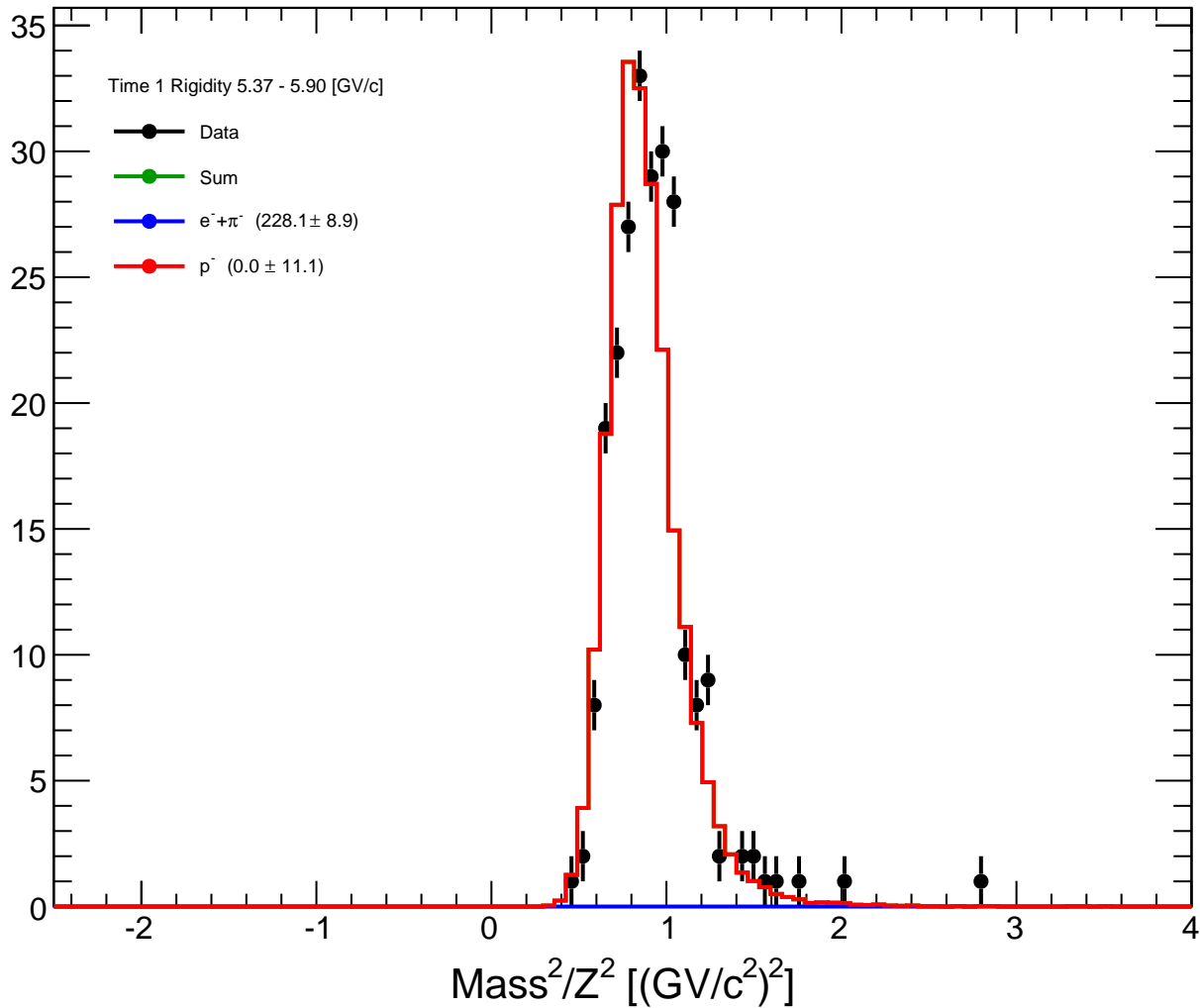


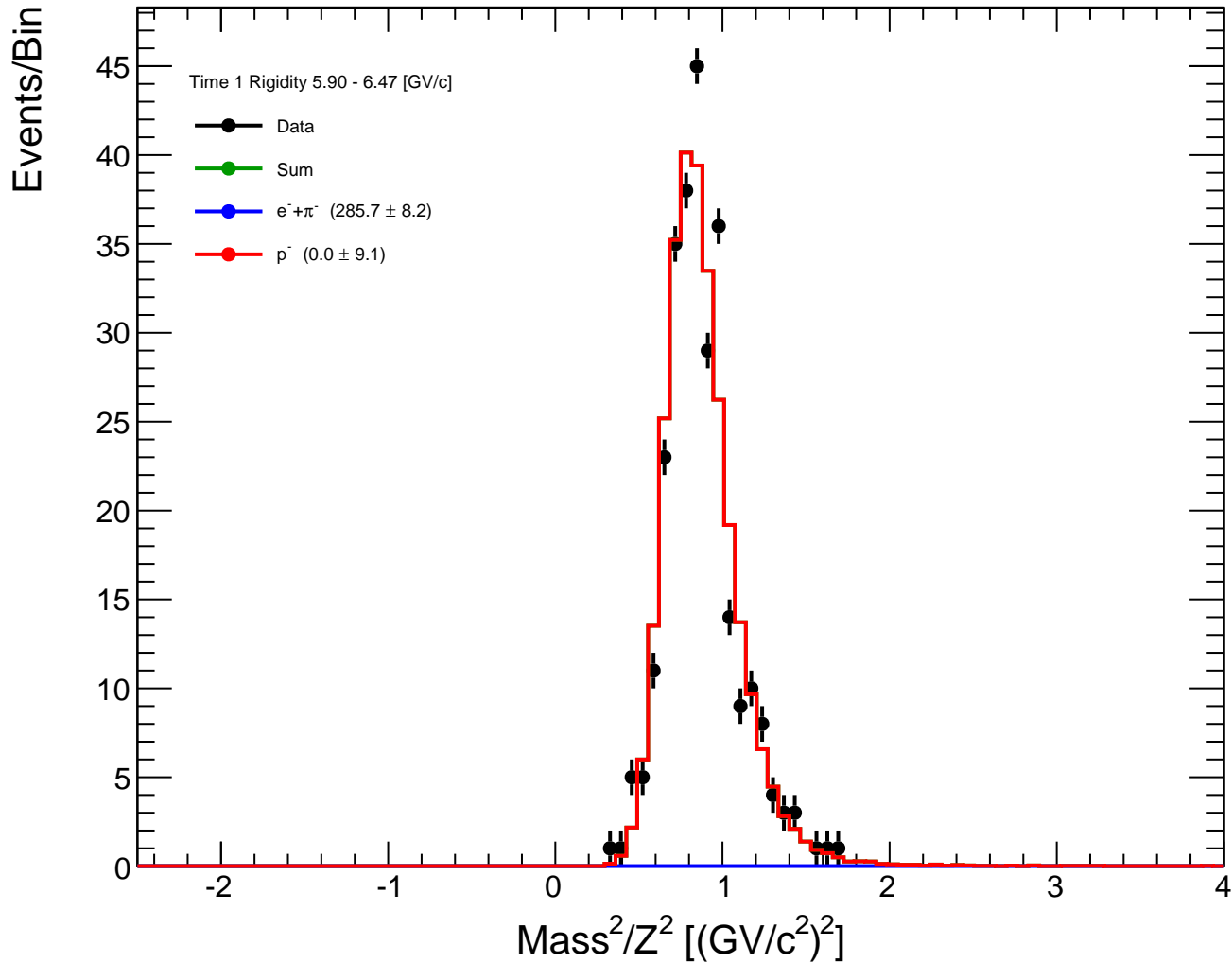






Events/Bin

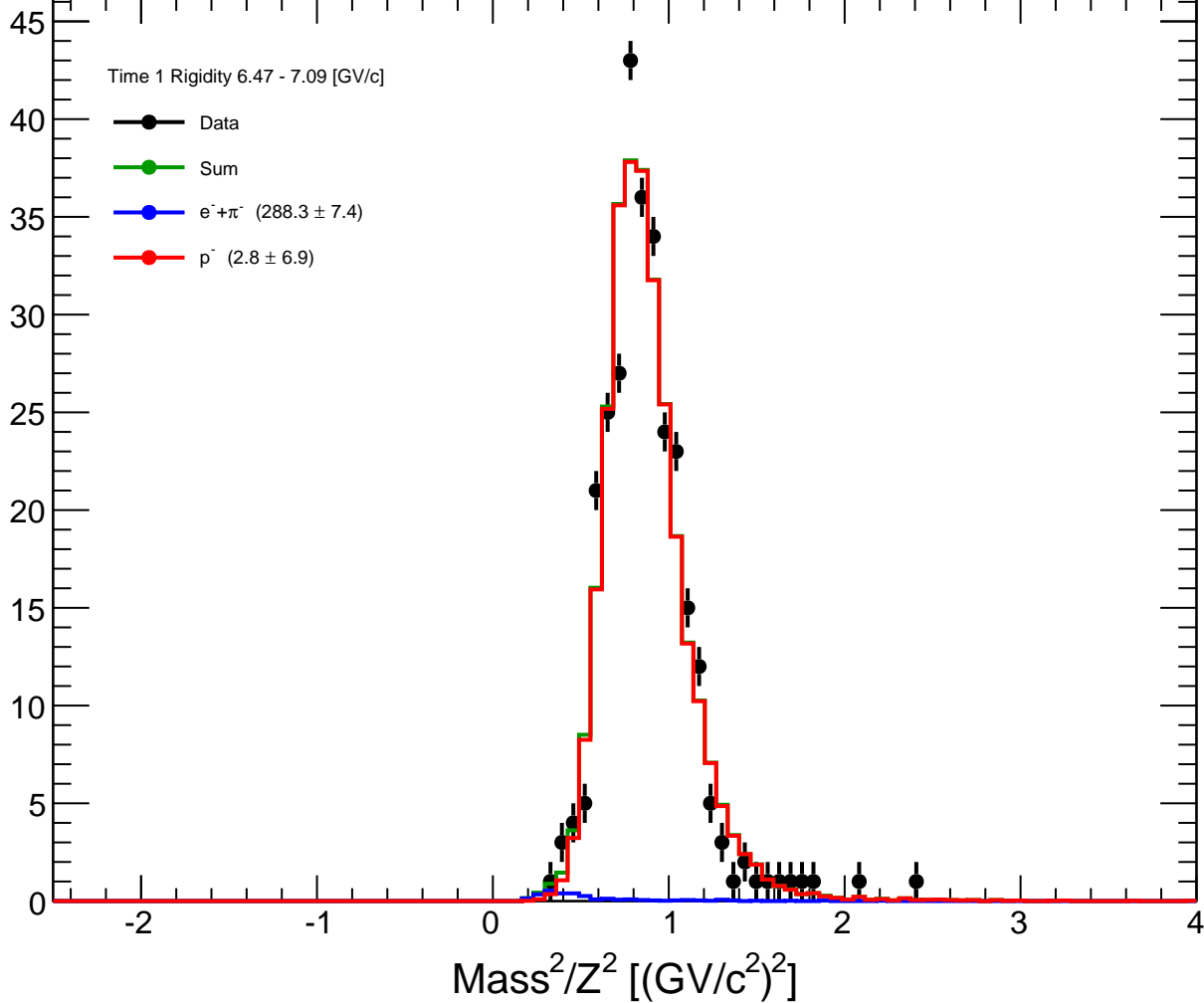




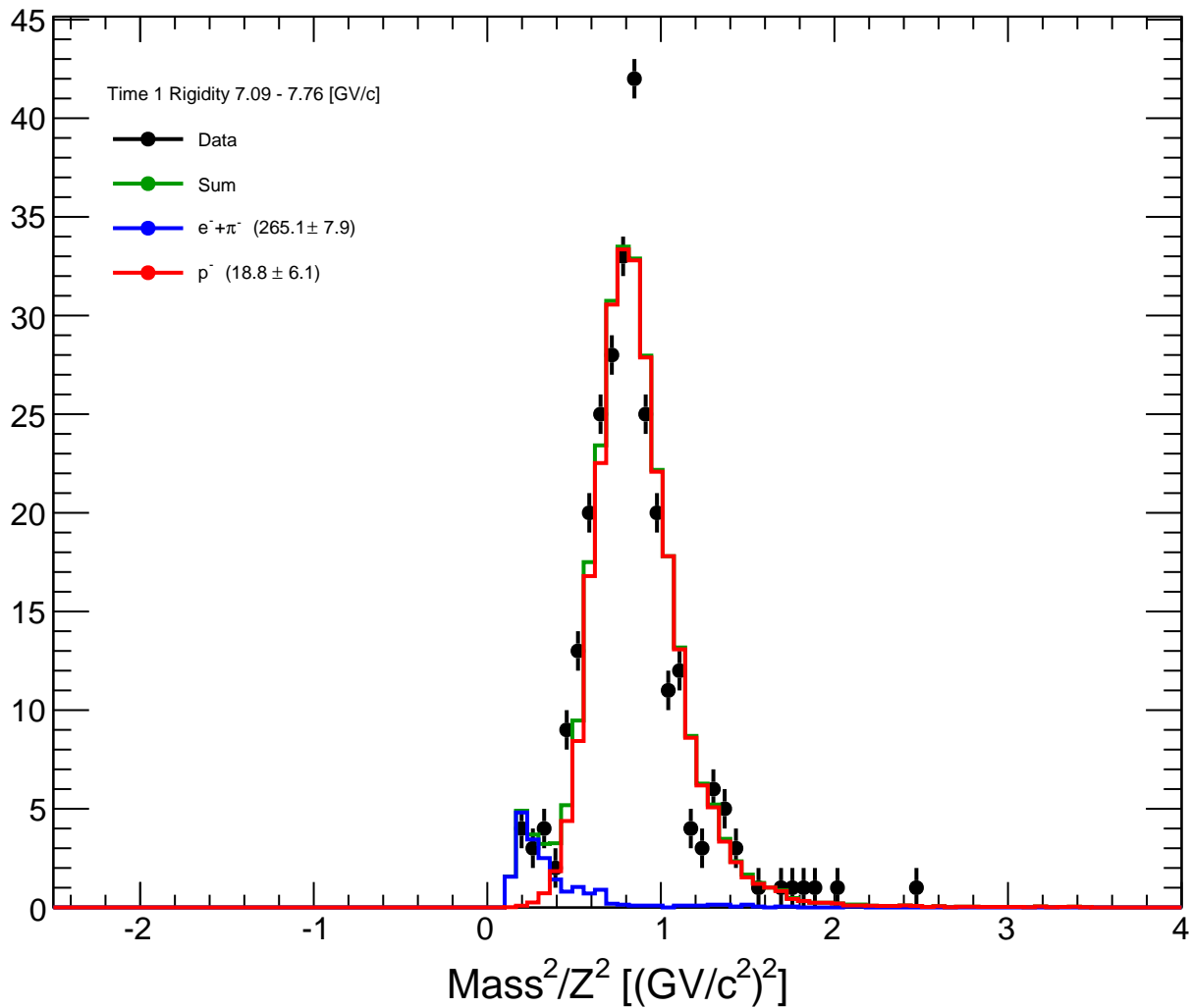
Events/Bin

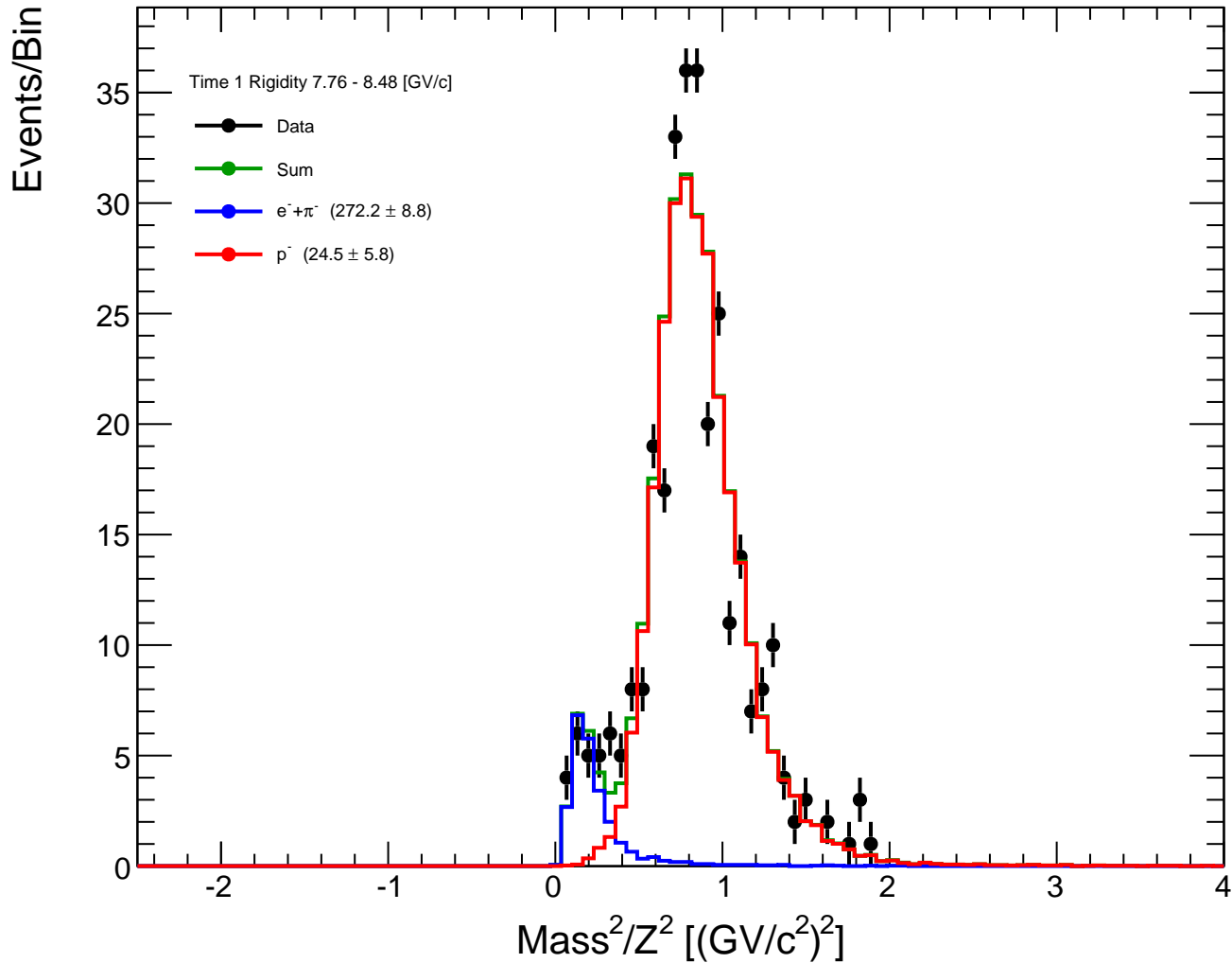
Time 1 Rigidity 6.47 - 7.09 [GV/c]

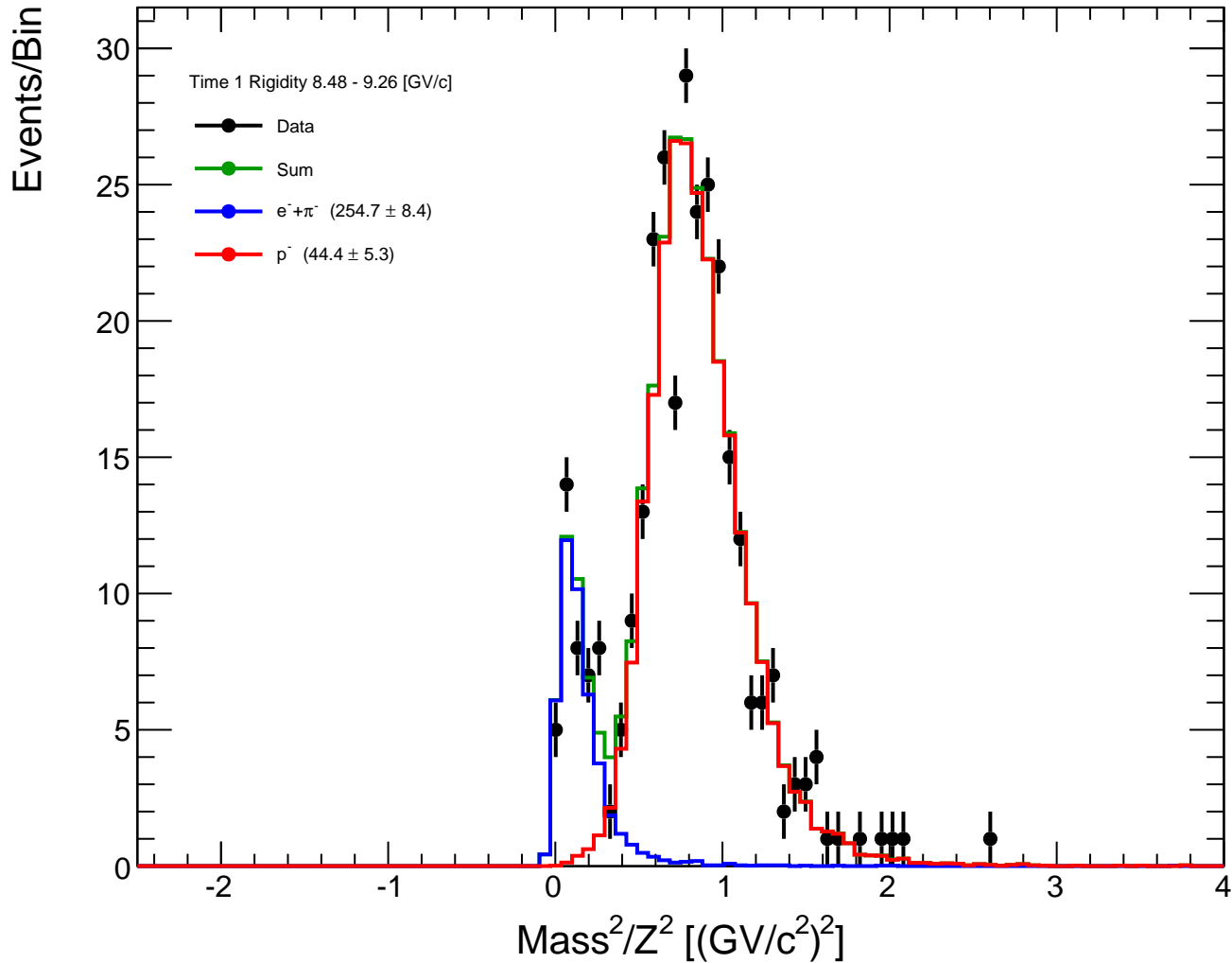
- Data
- Sum
- $e^- + \pi^-$ (288.3 ± 7.4)
- p^- (2.8 ± 6.9)

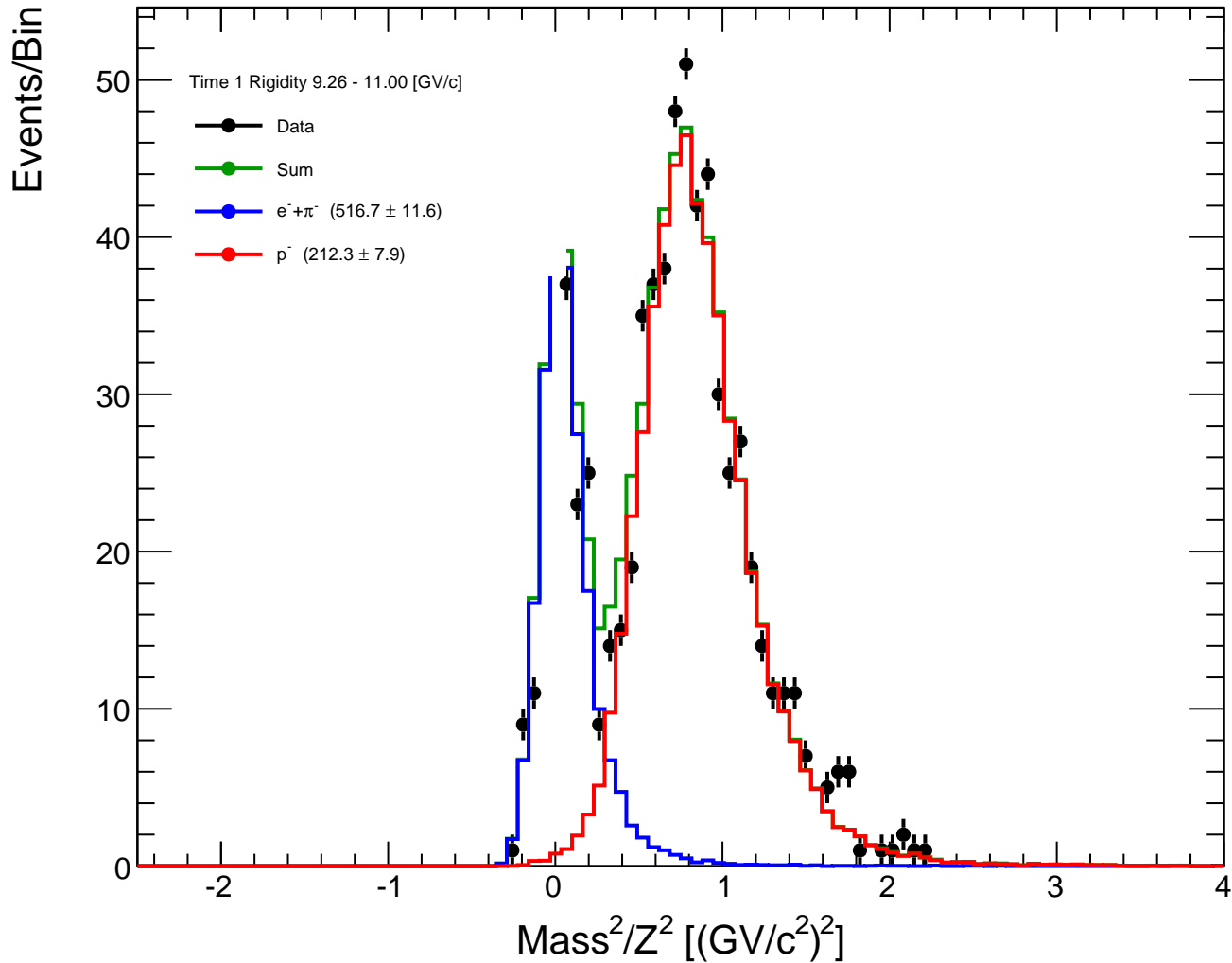


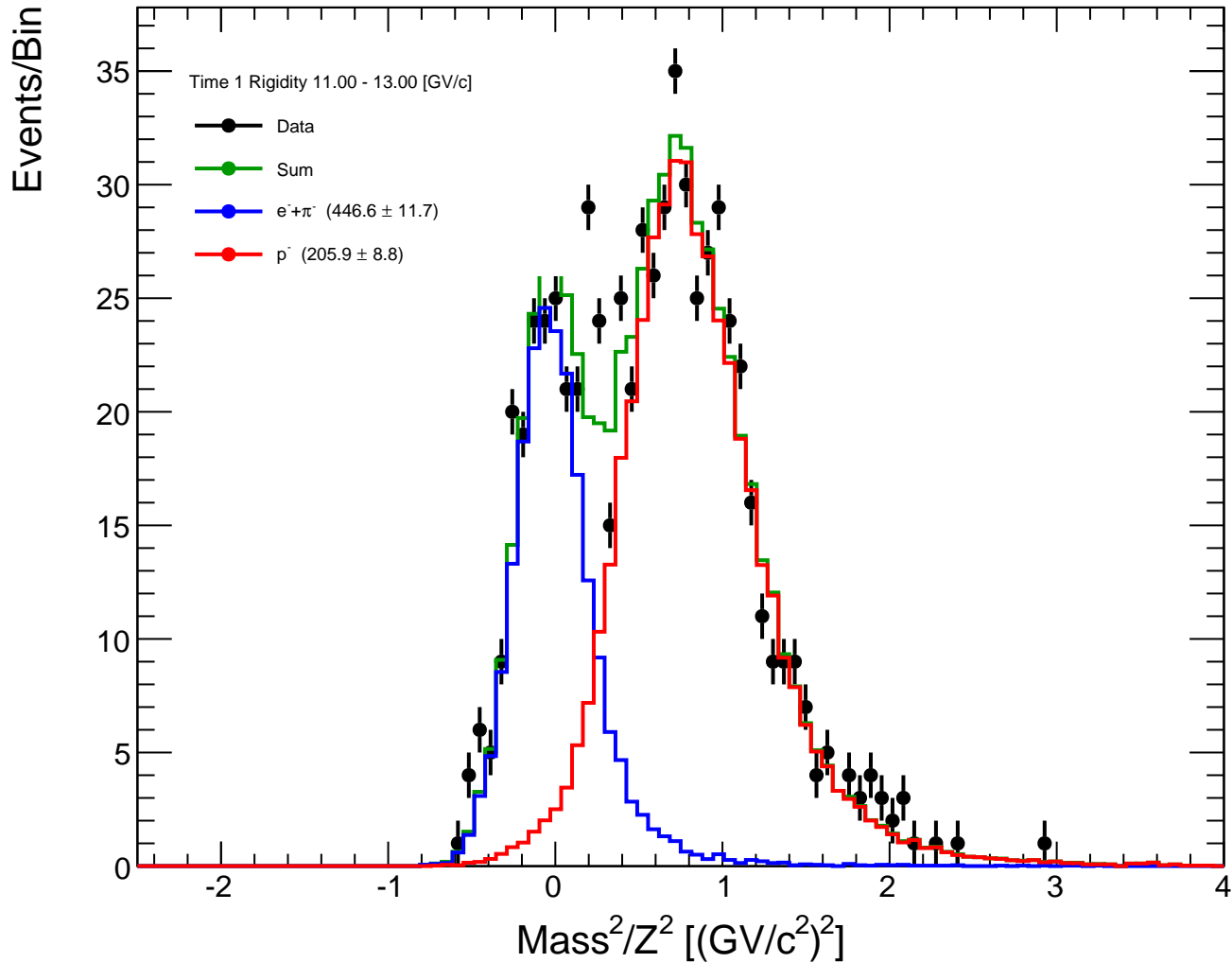
Events/Bin



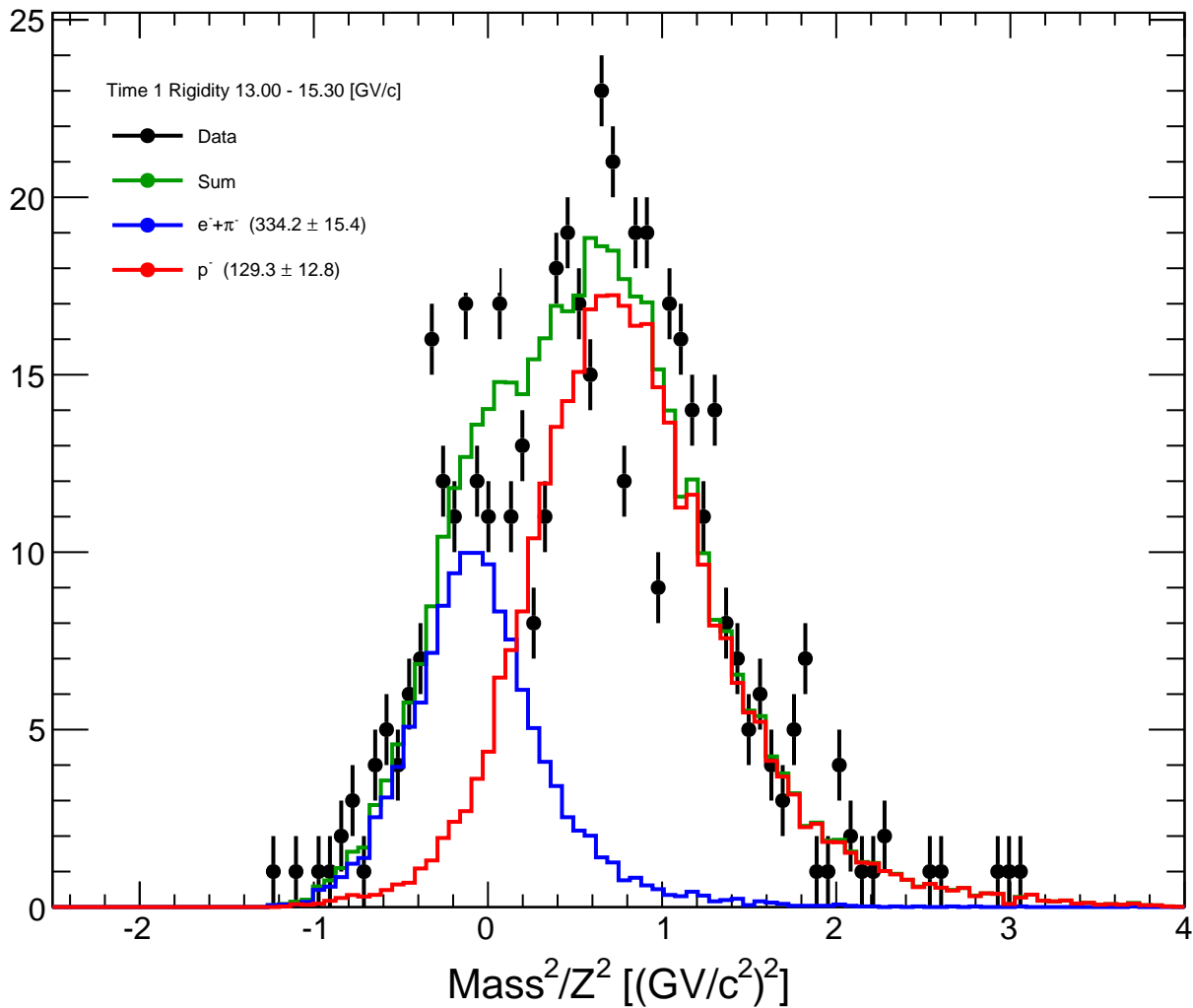


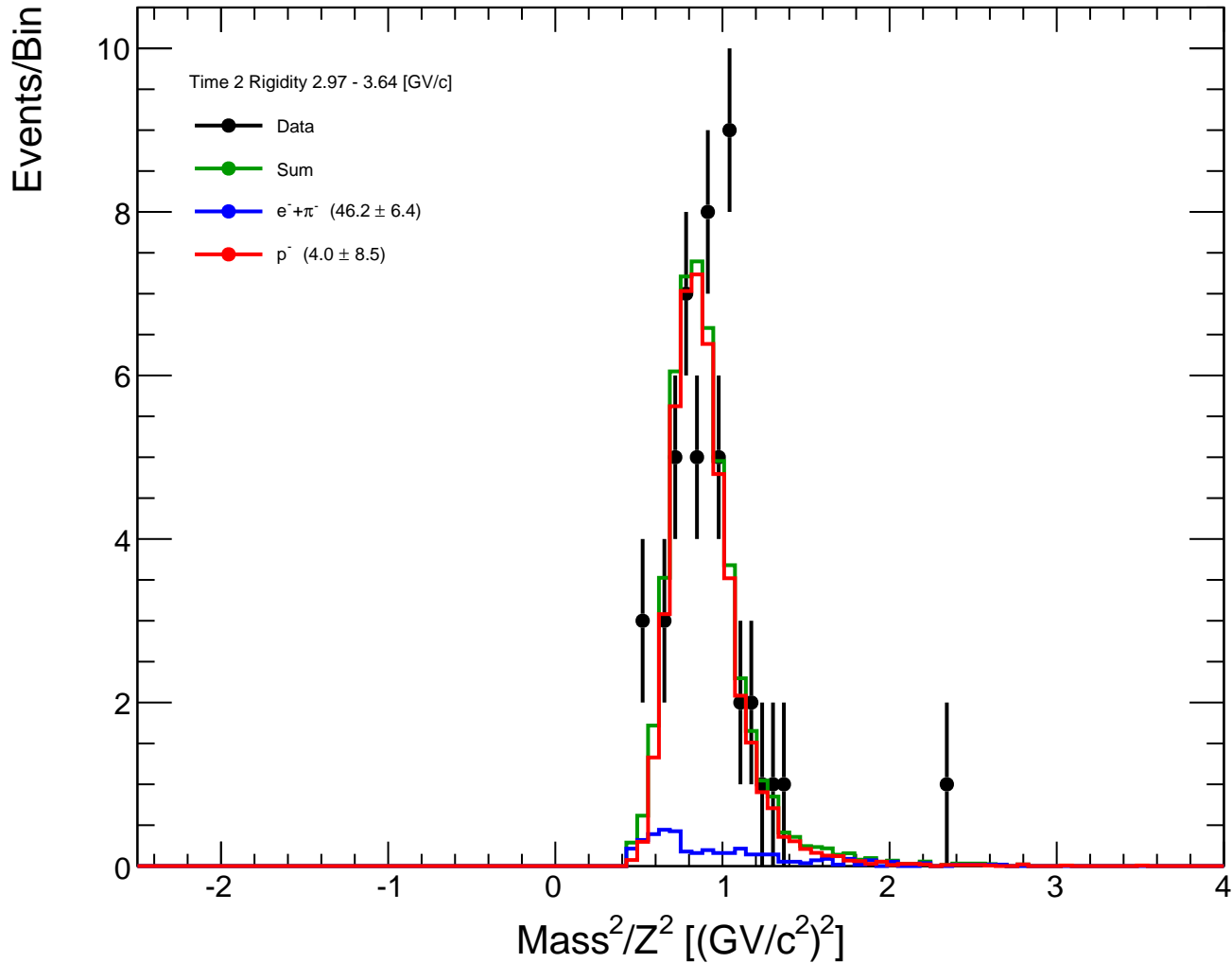


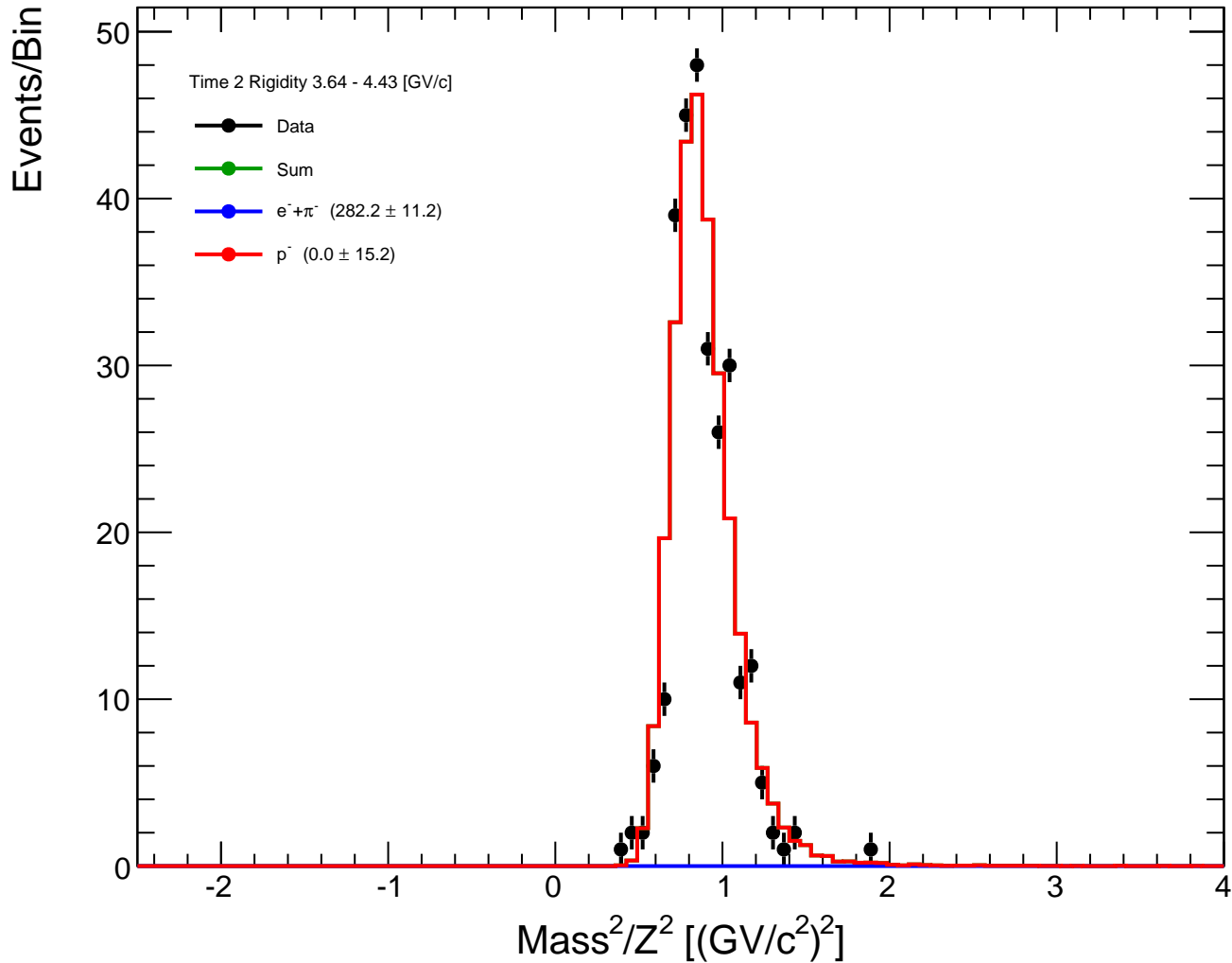


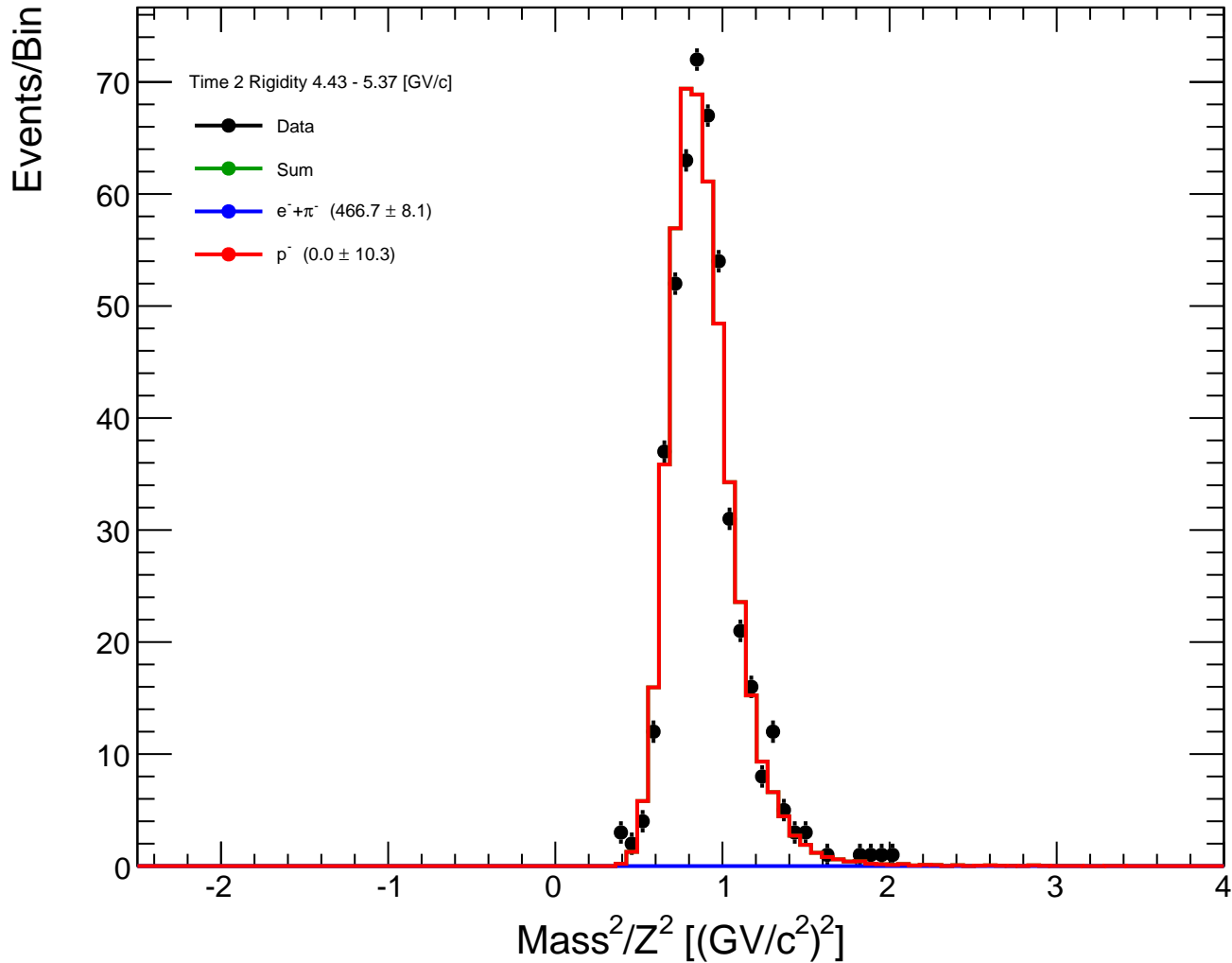


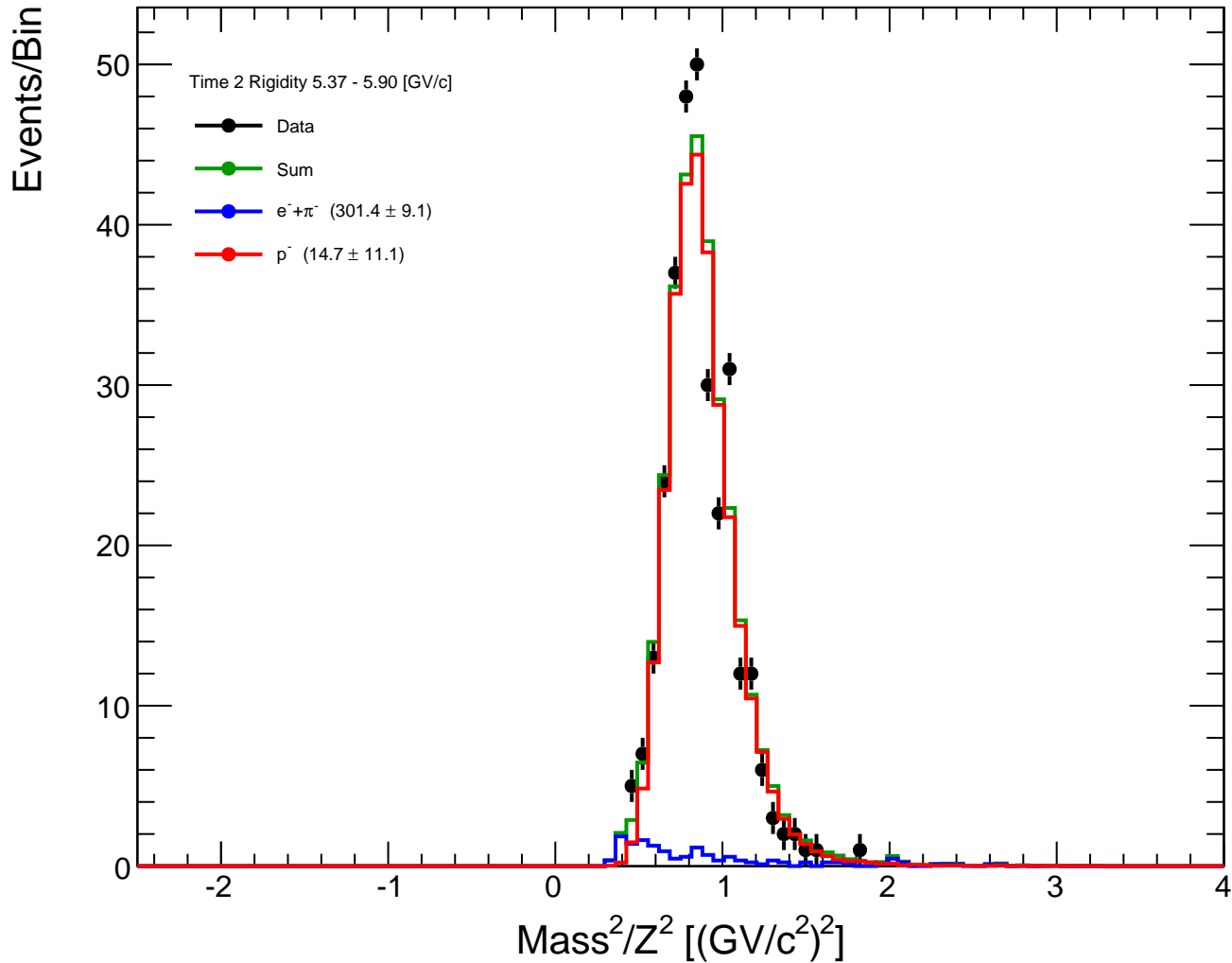
Events/Bin

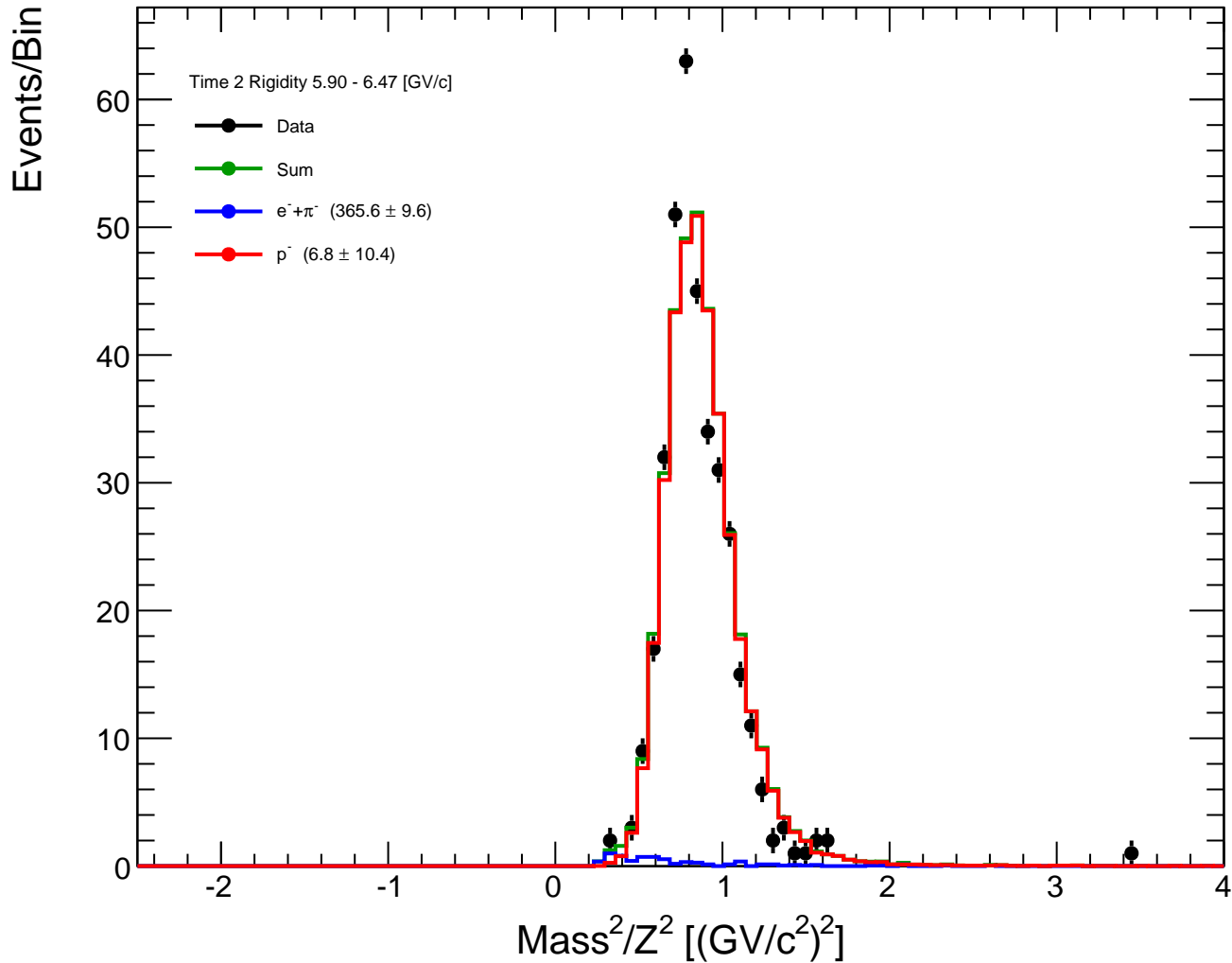


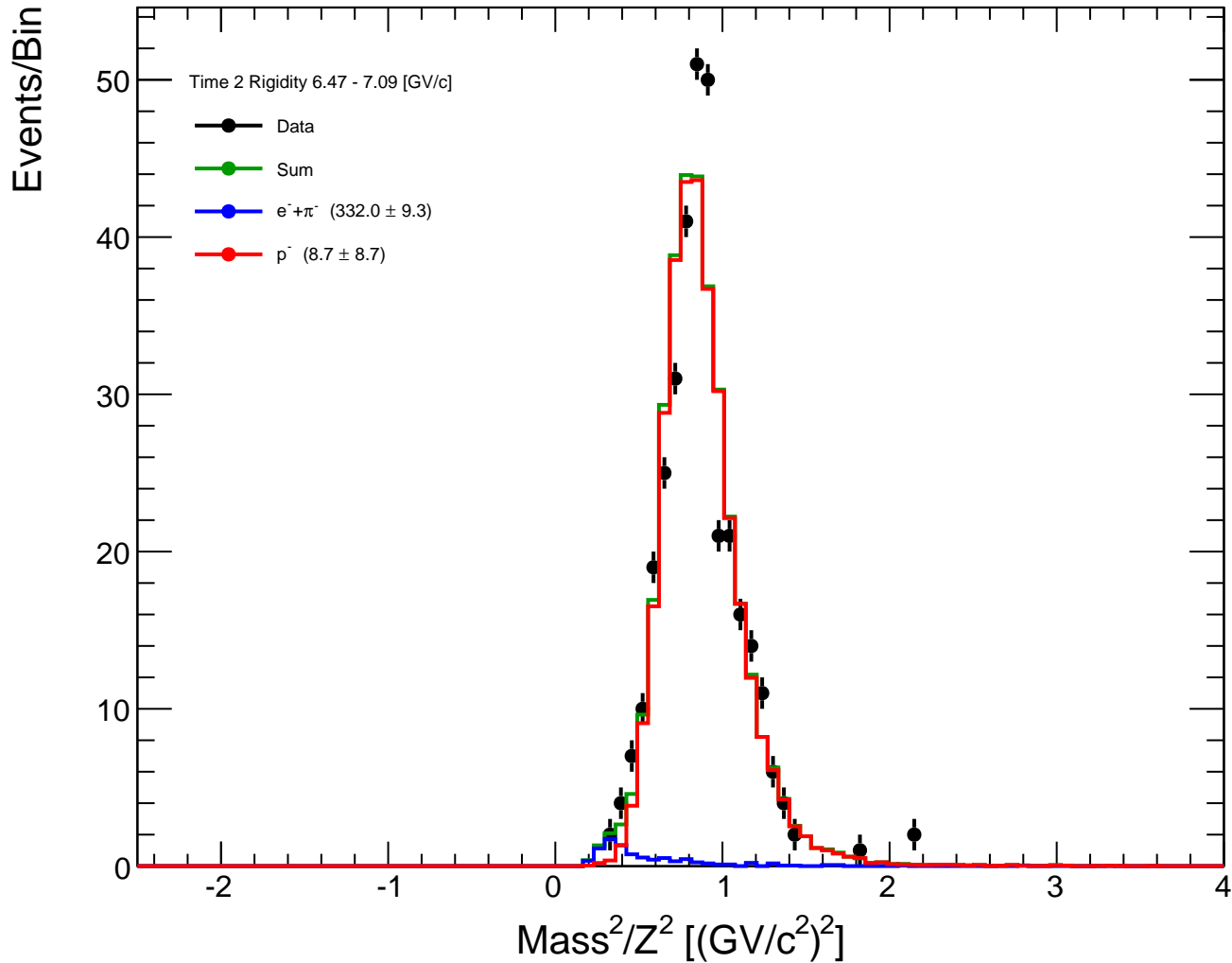


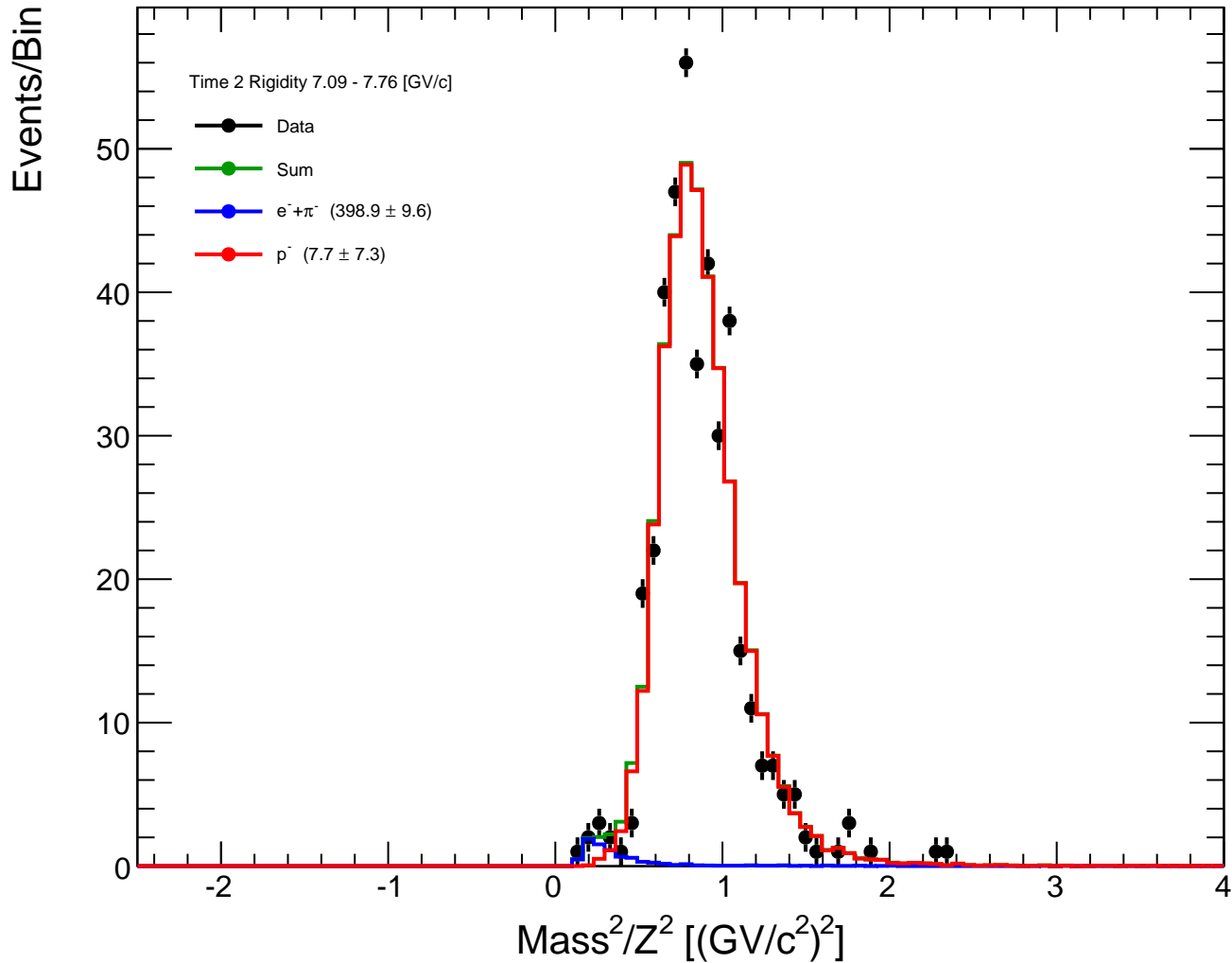


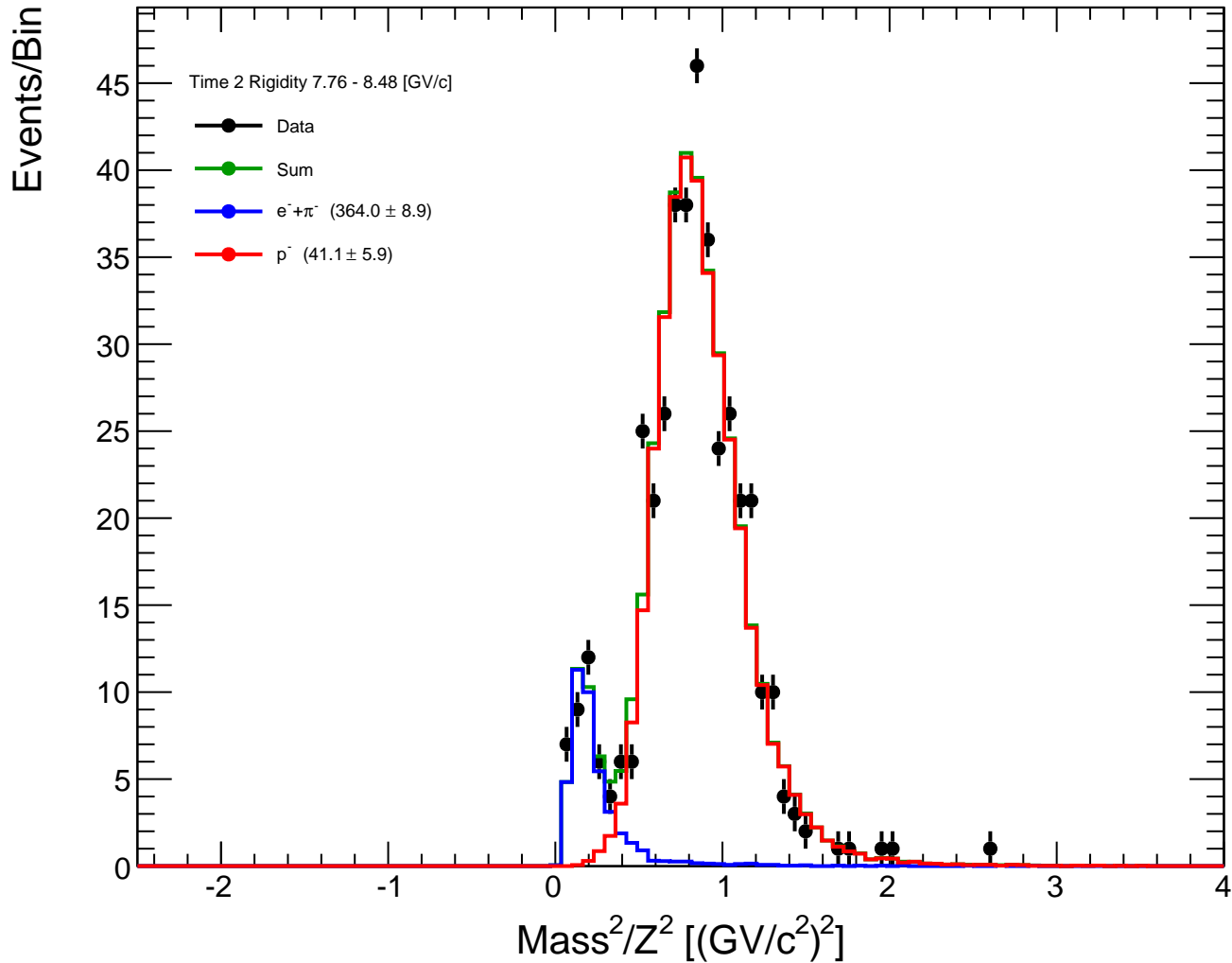


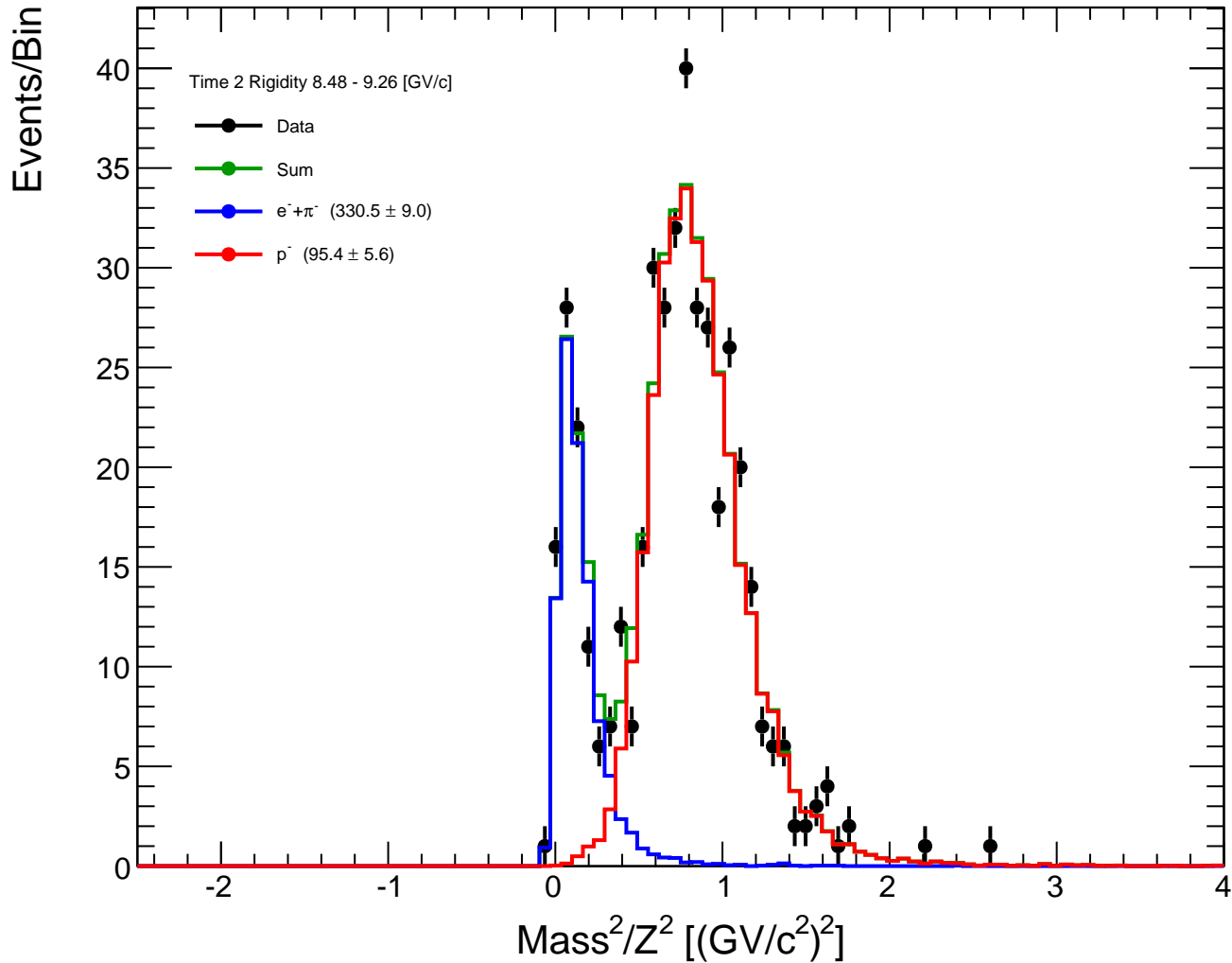




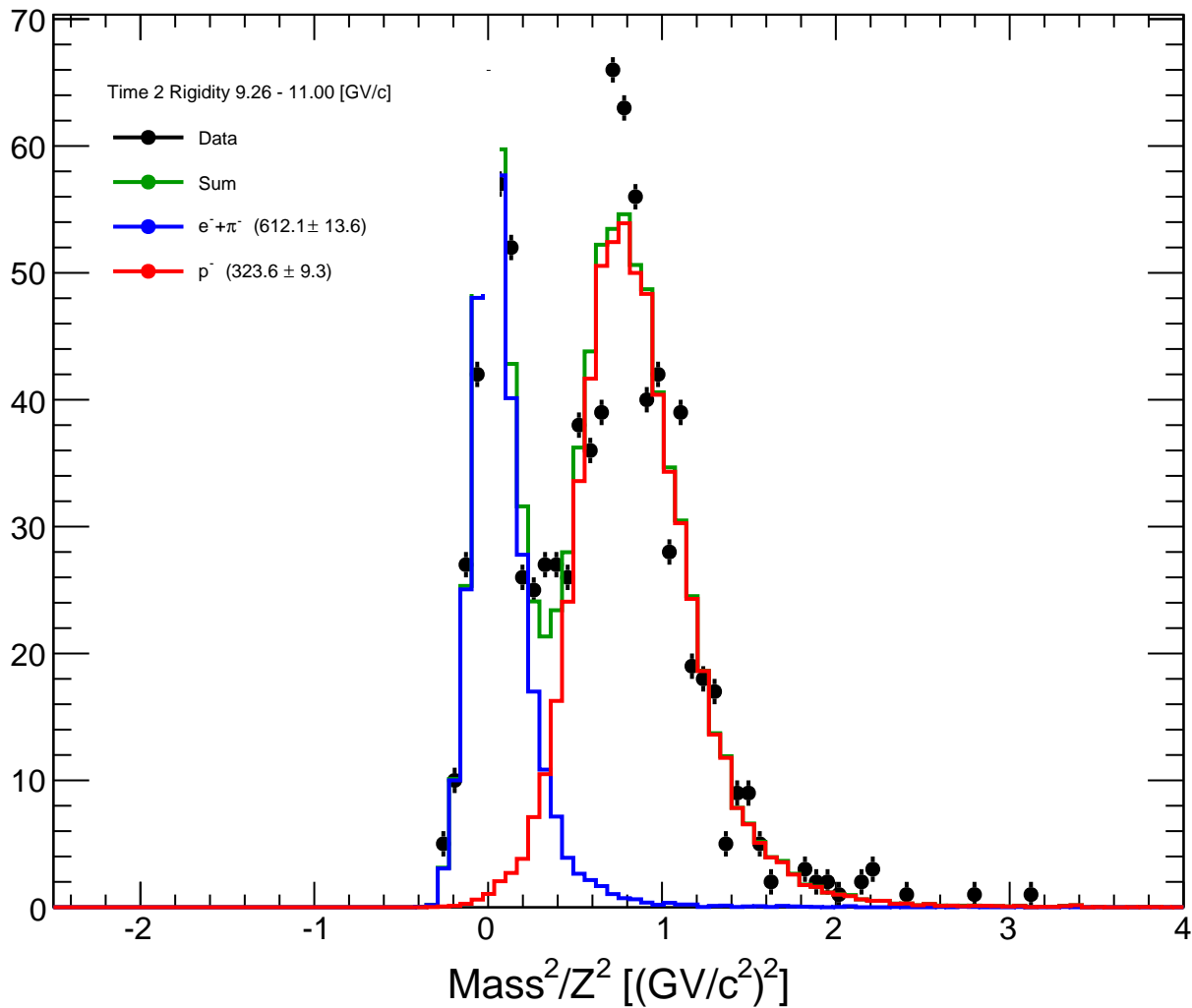




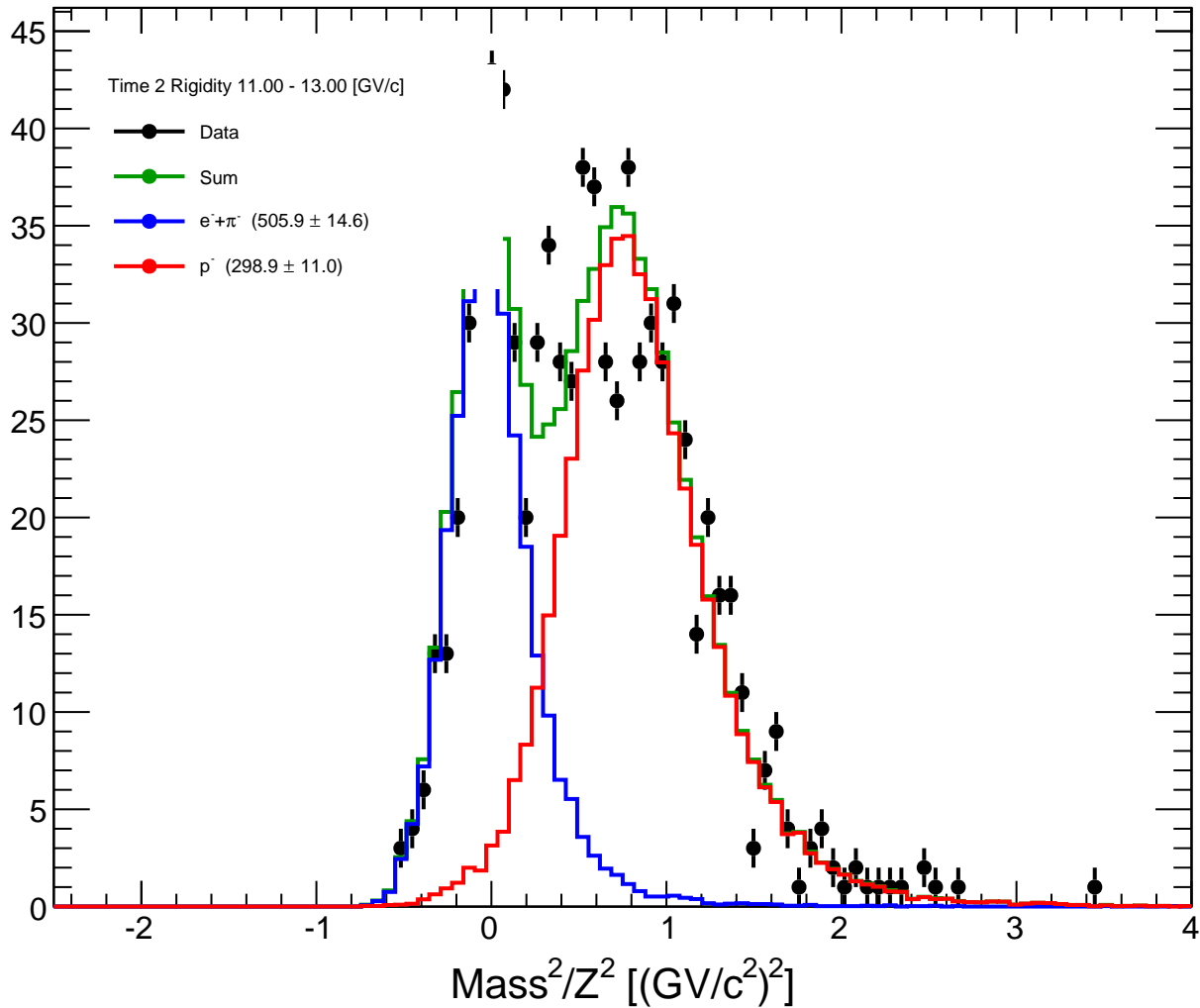


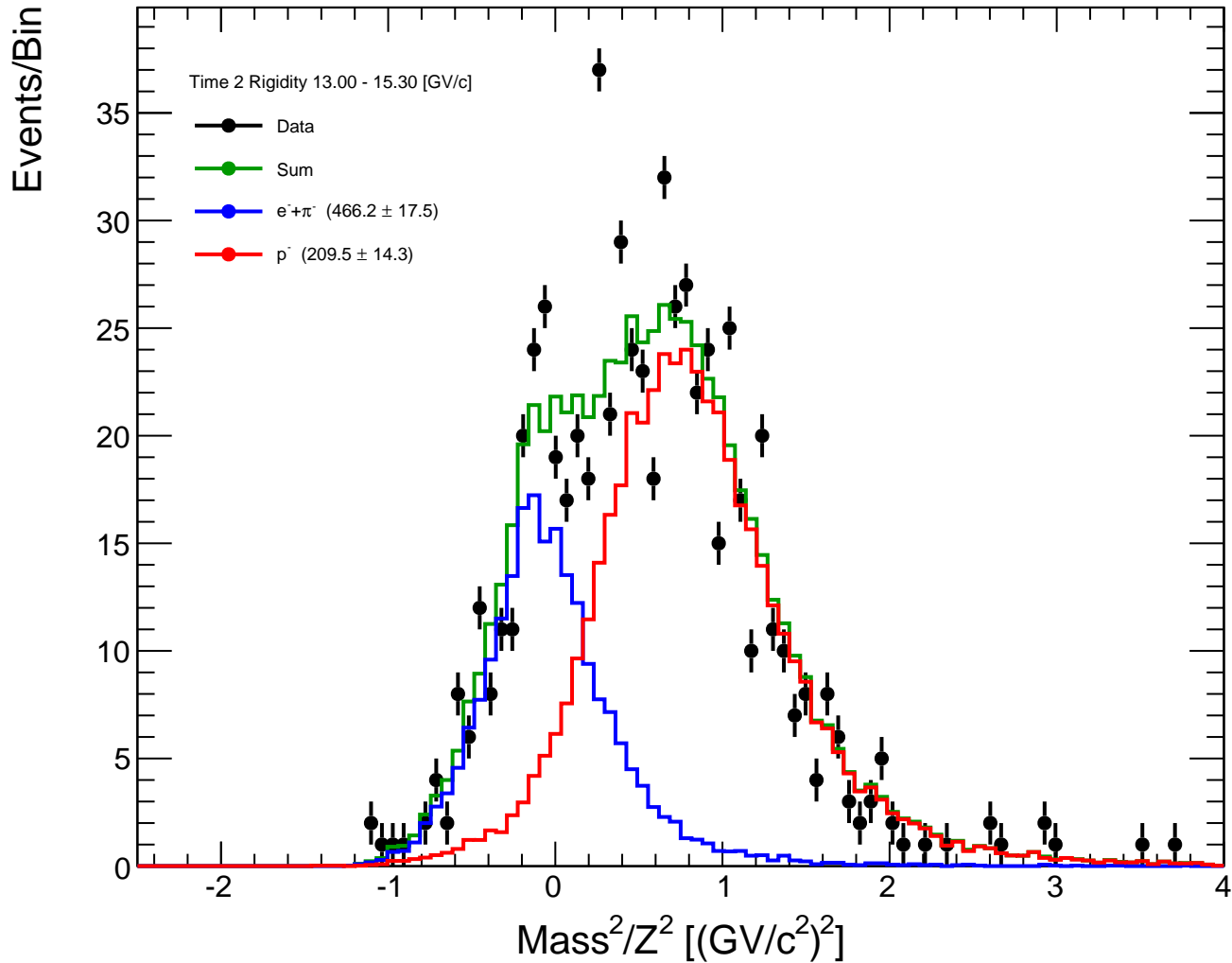


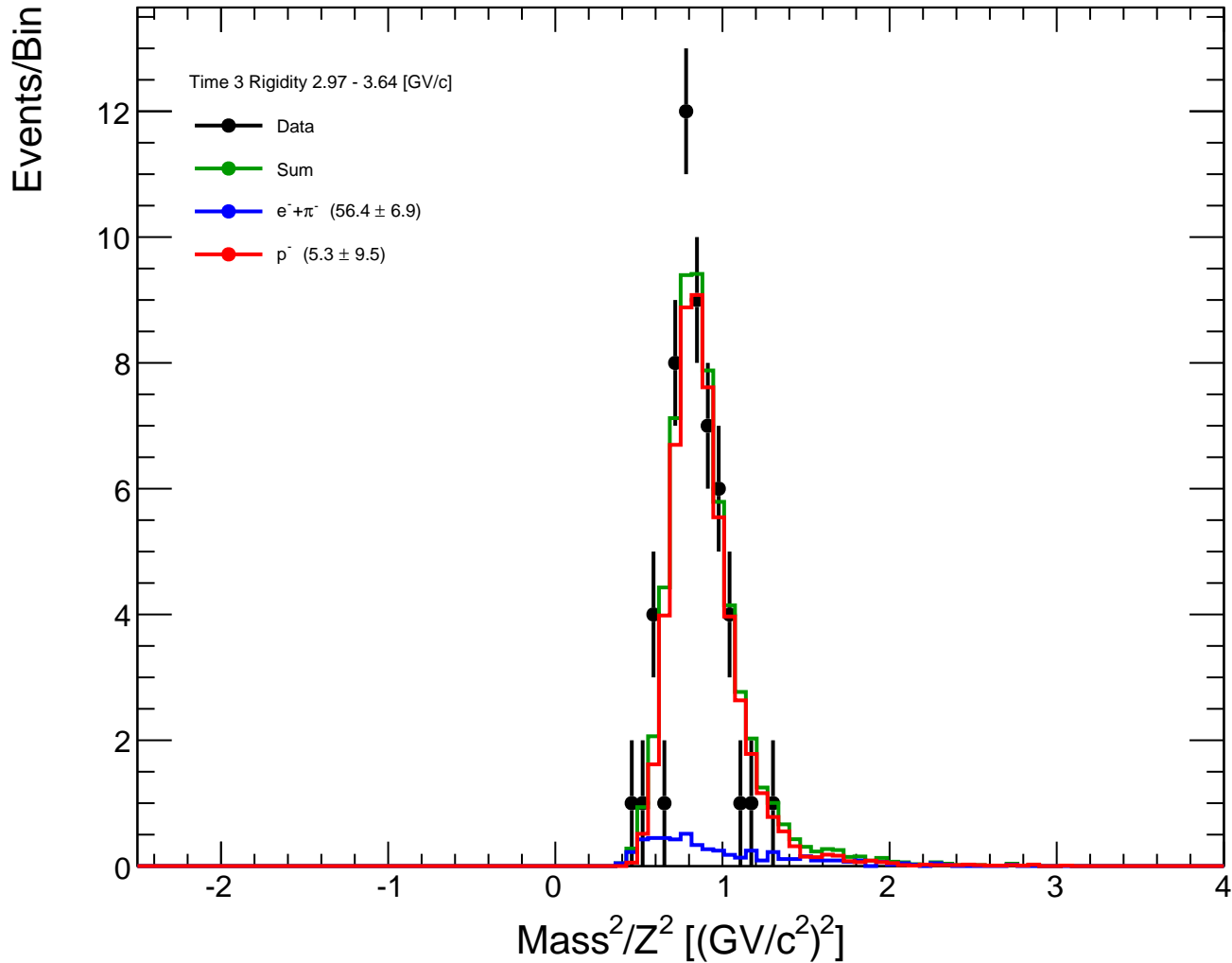
Events/Bin

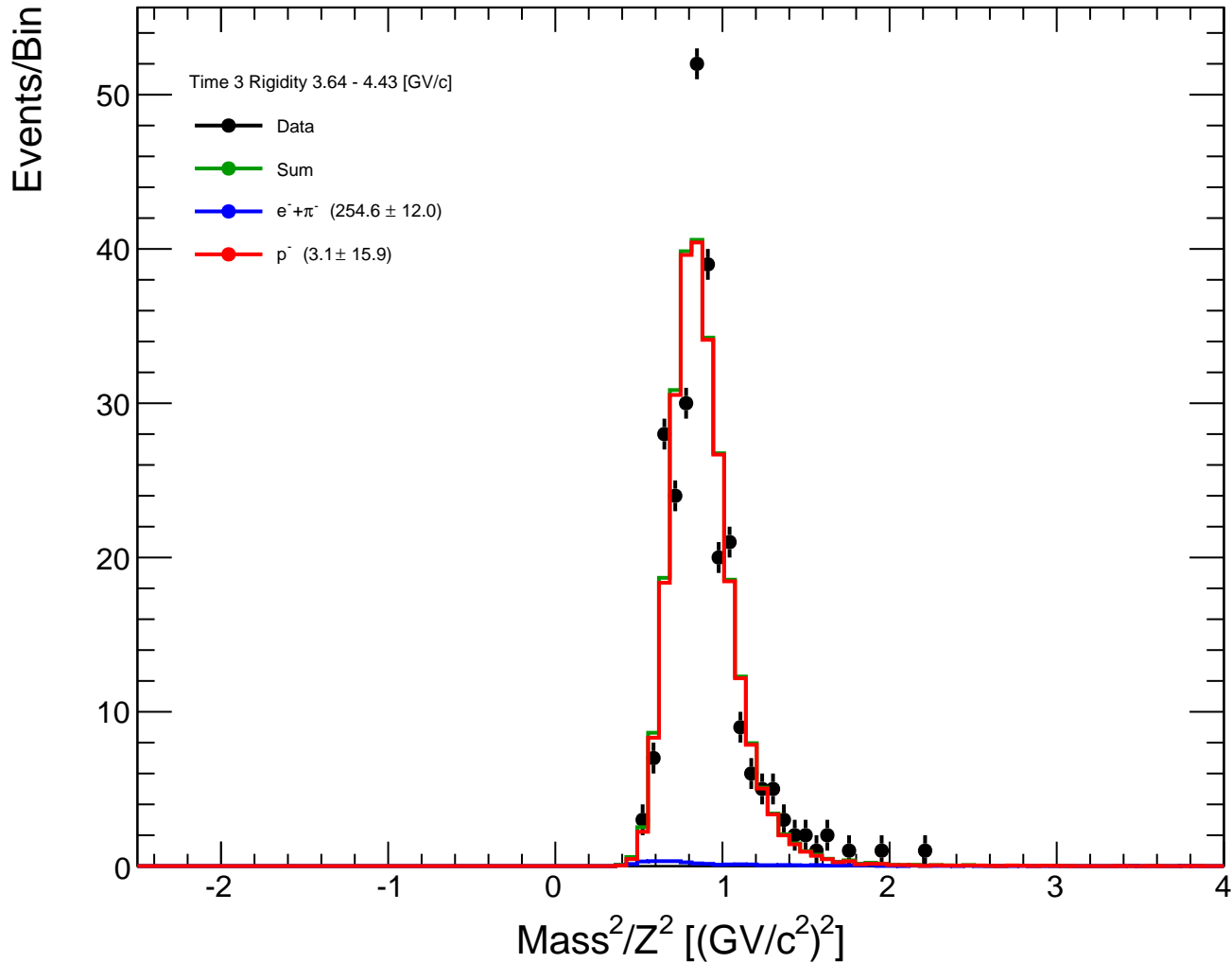


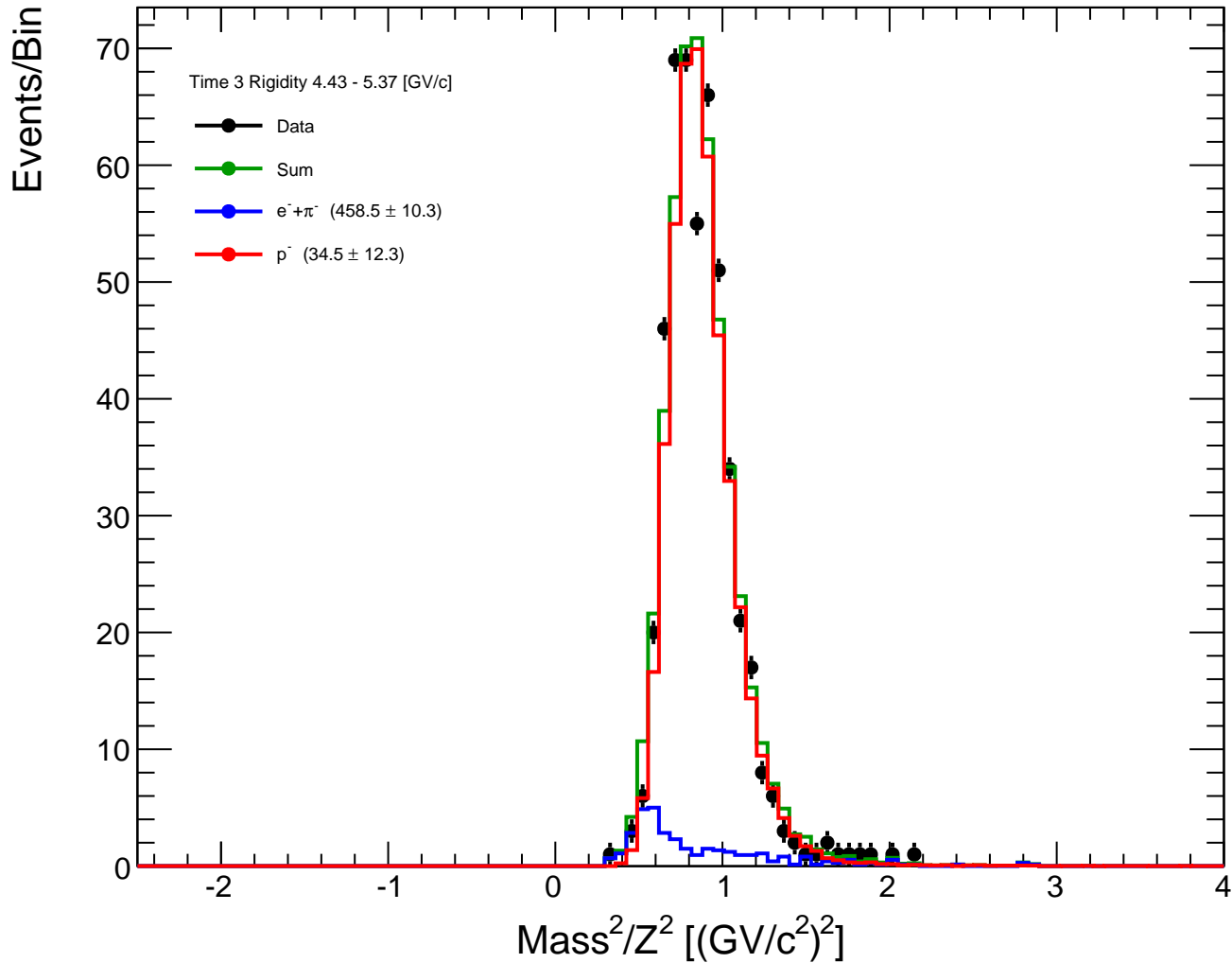
Events/Bin

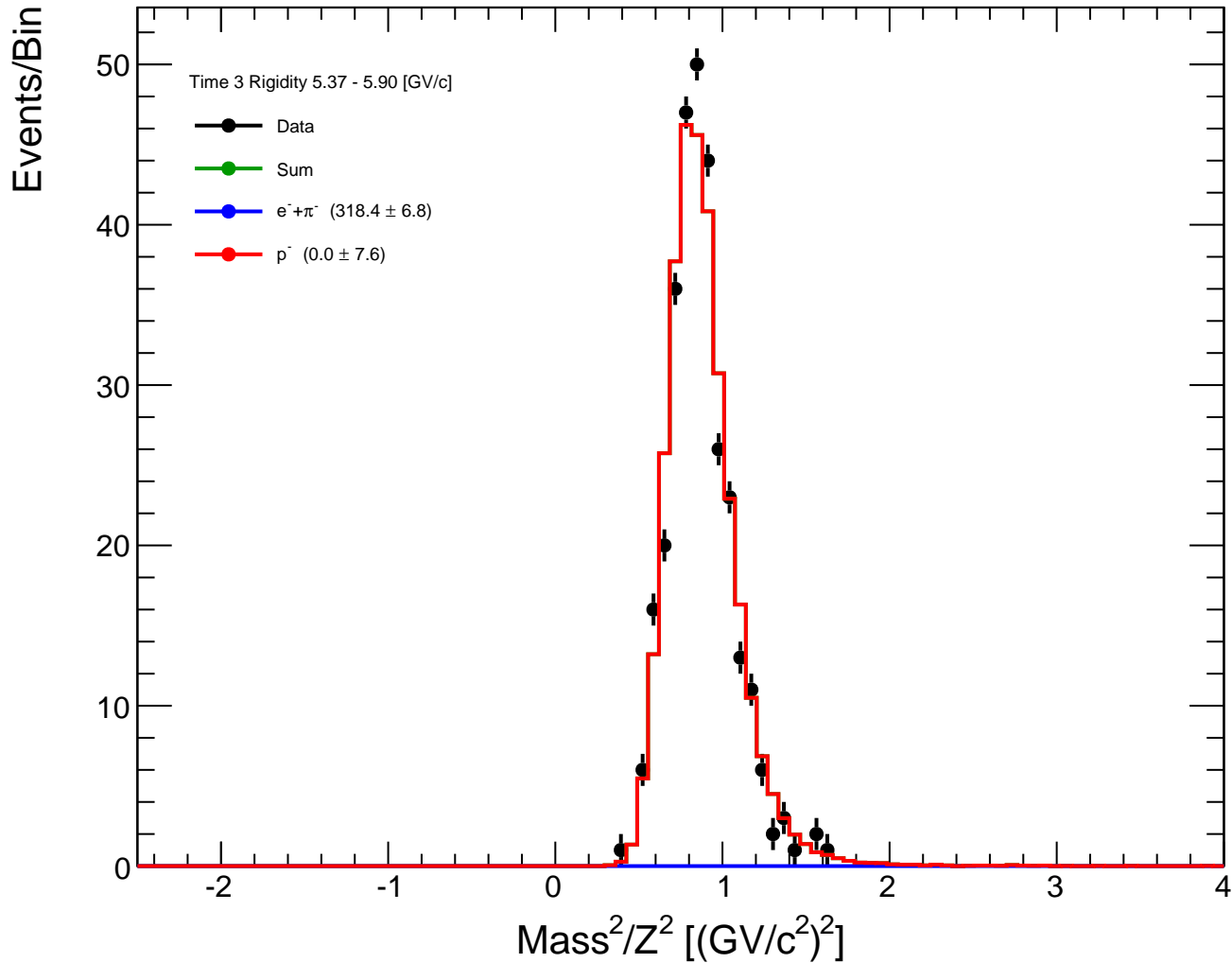


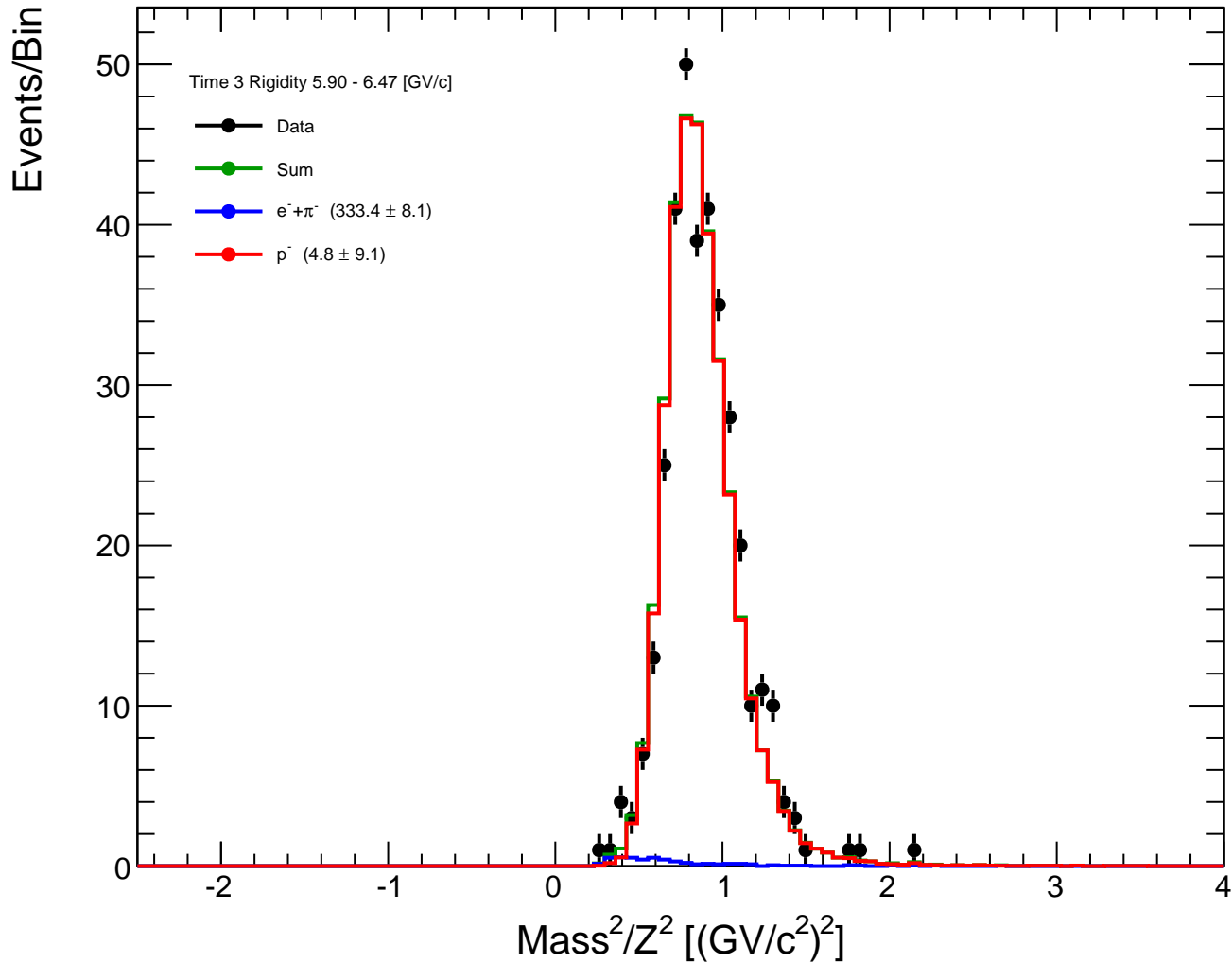


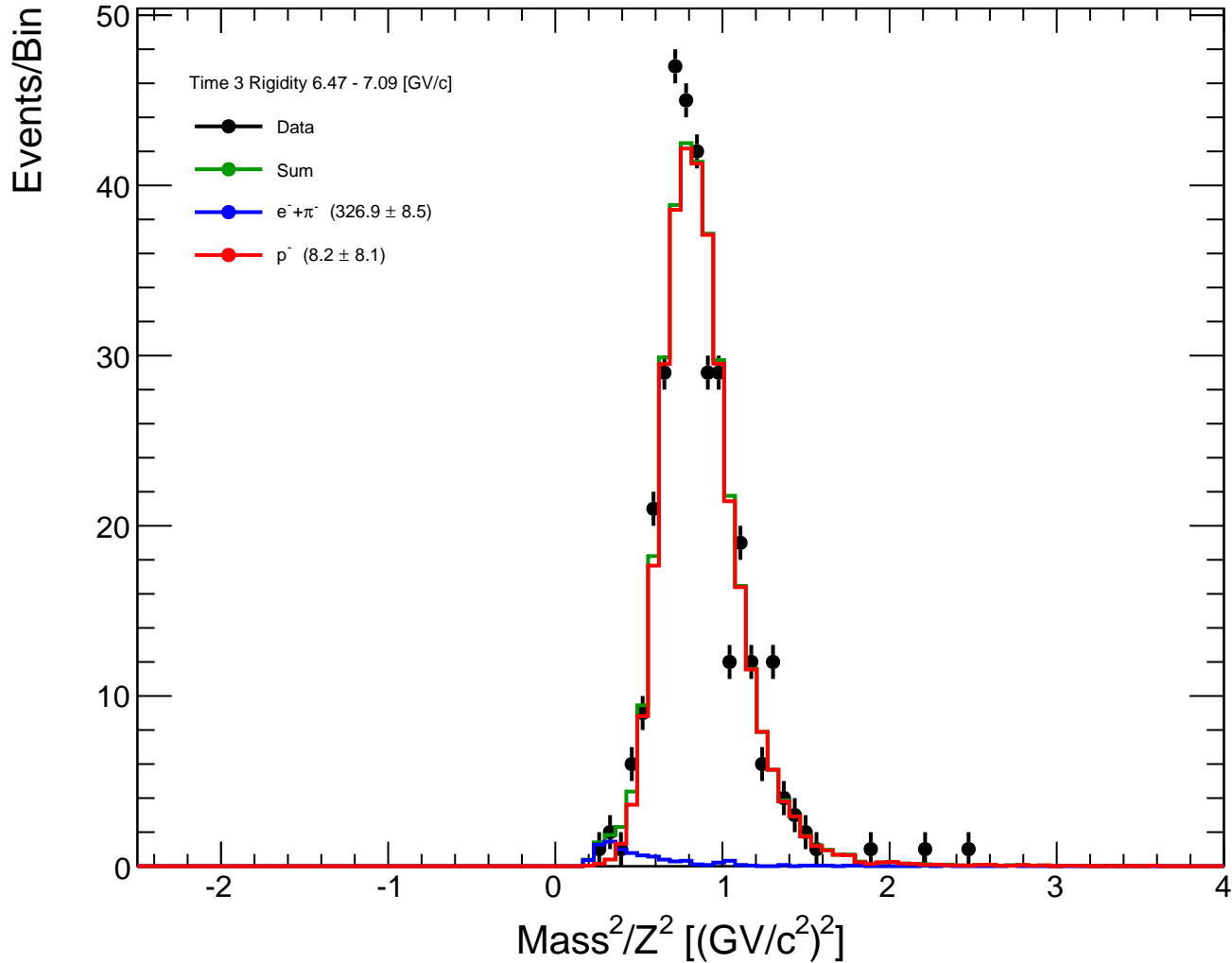


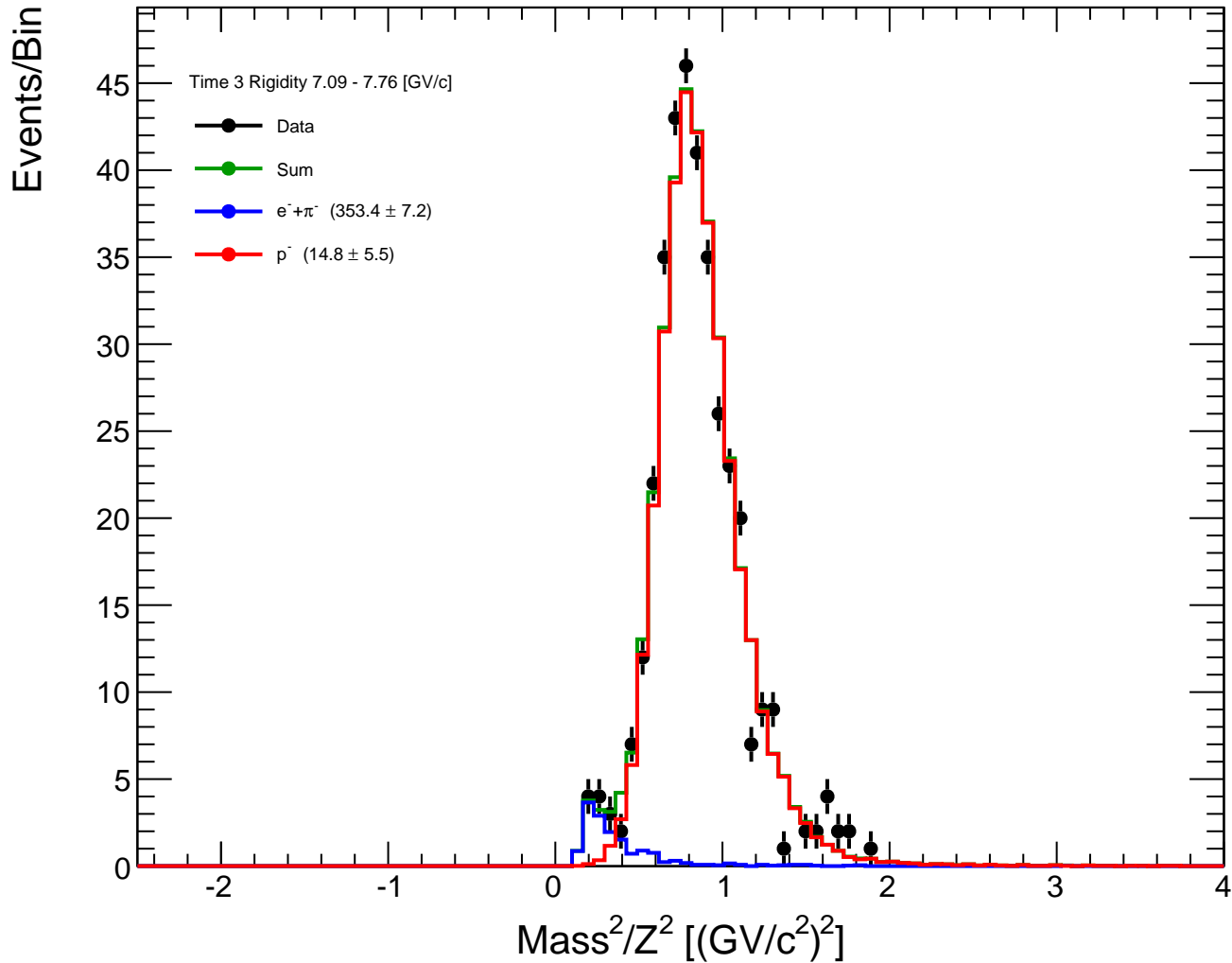


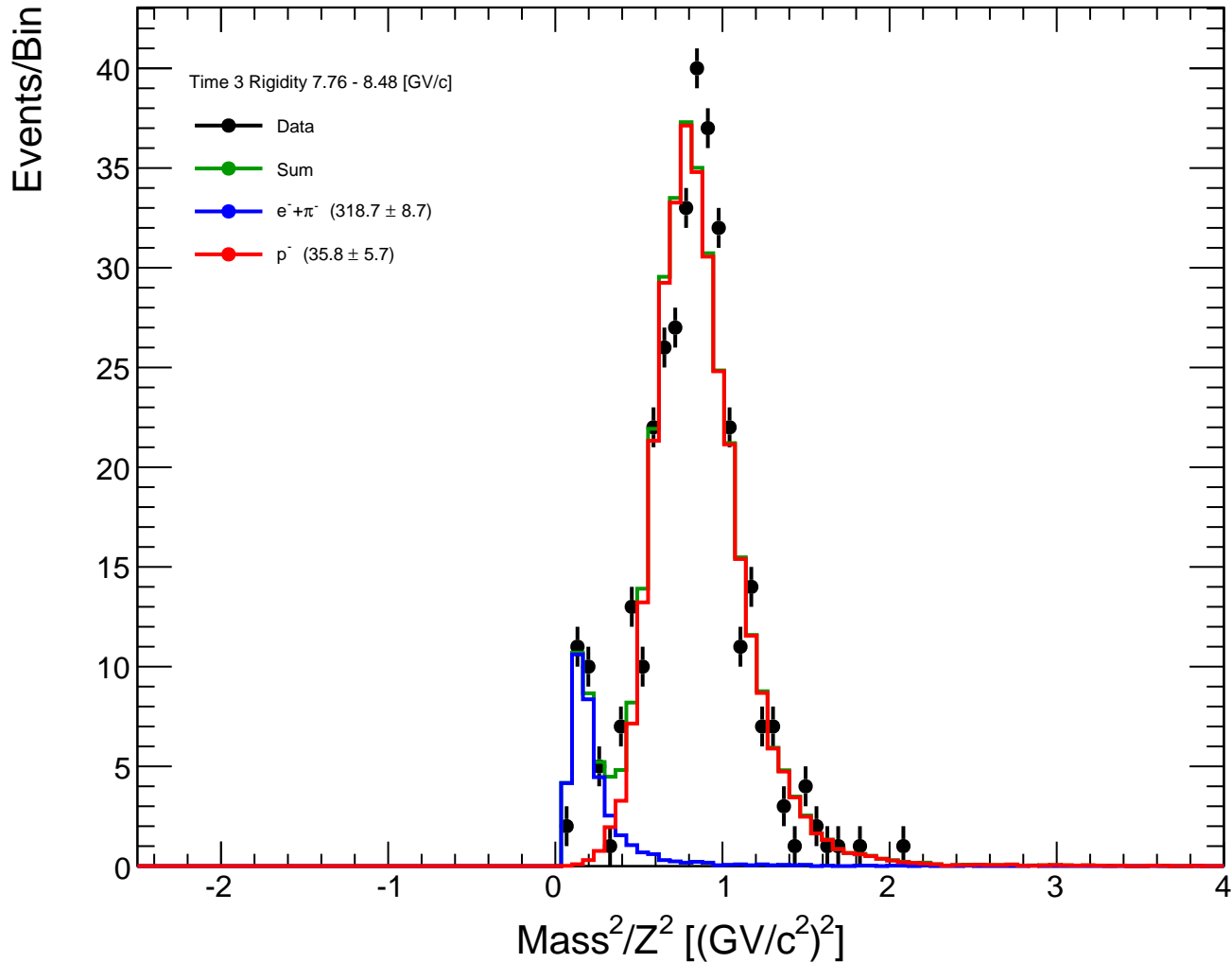


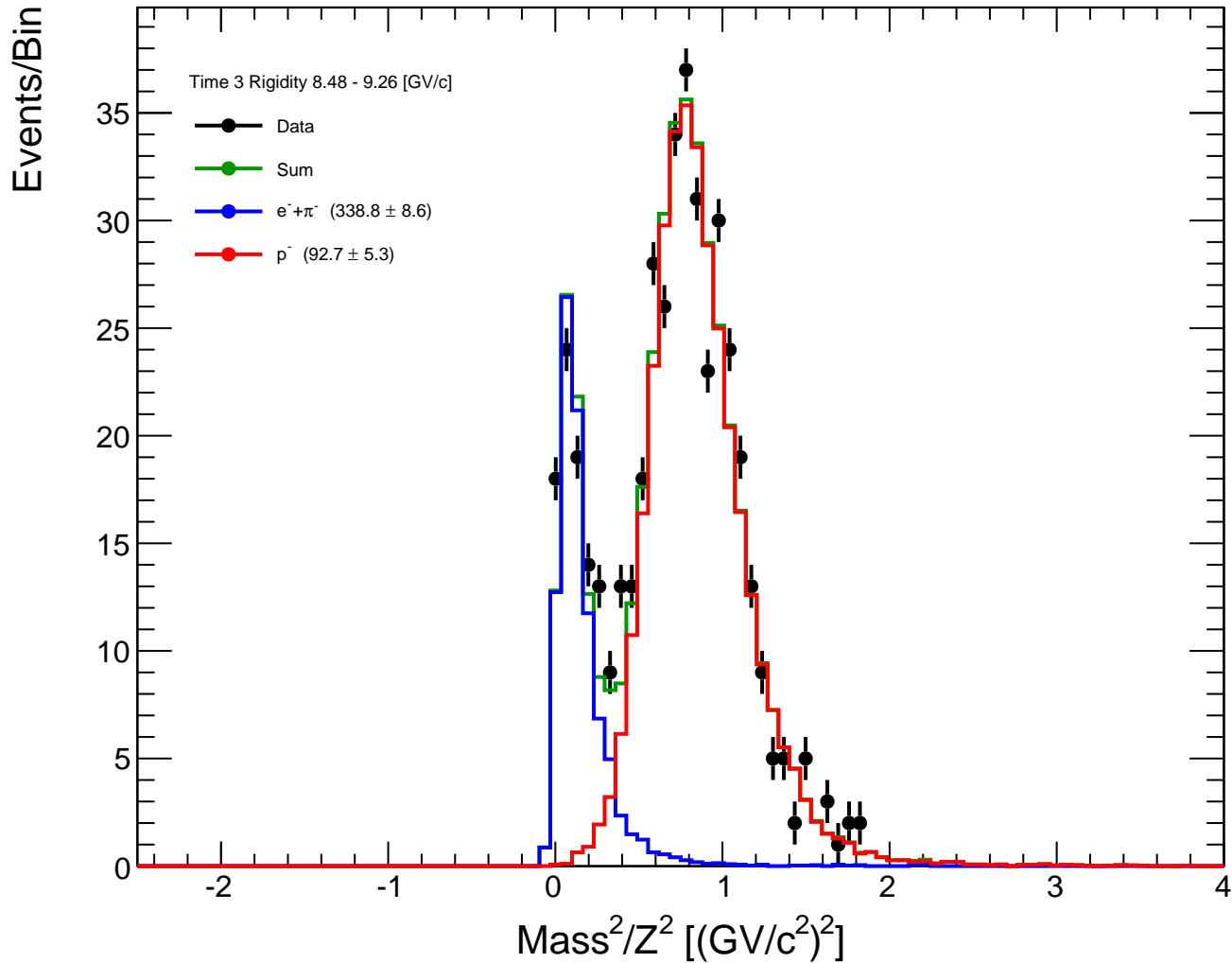


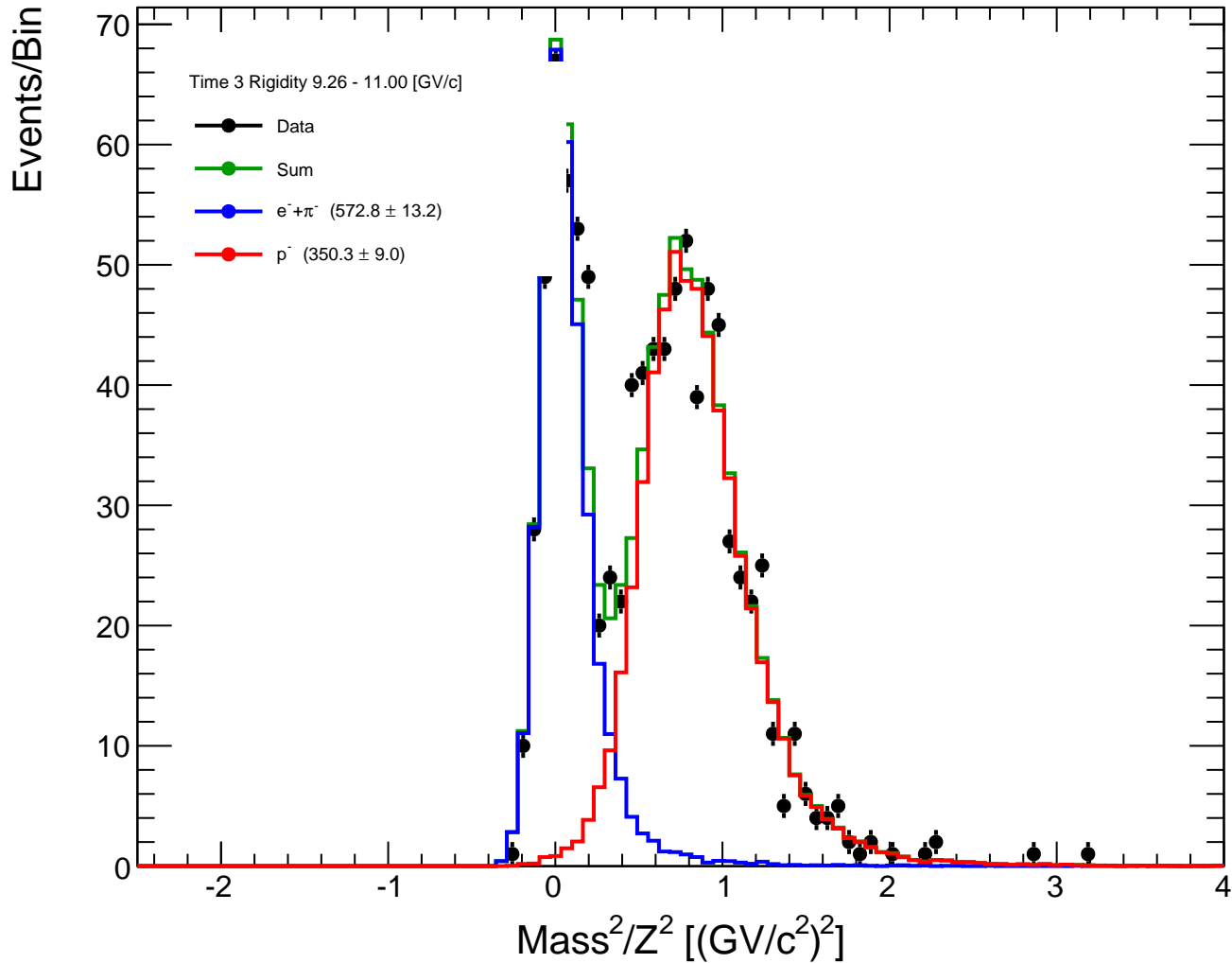


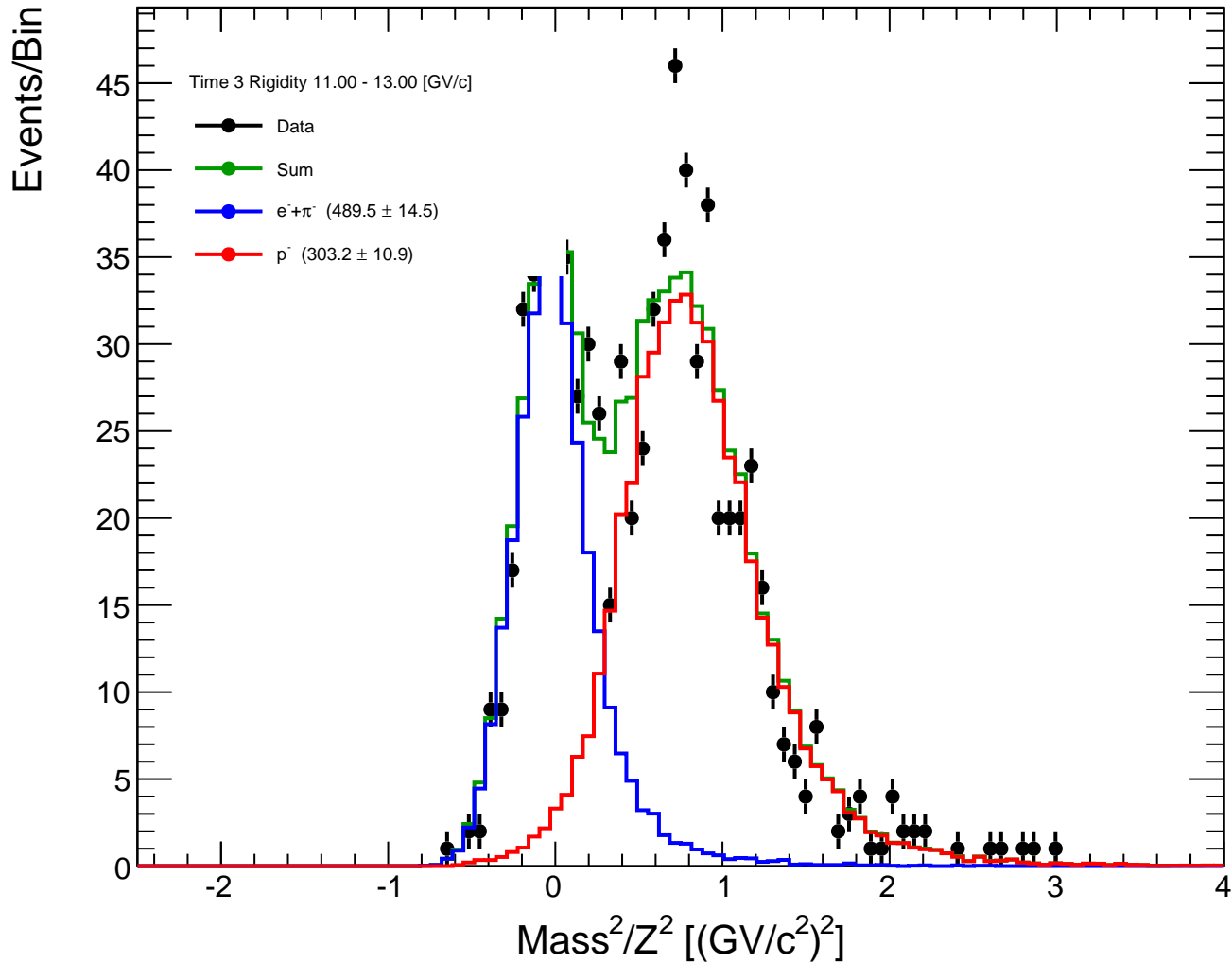




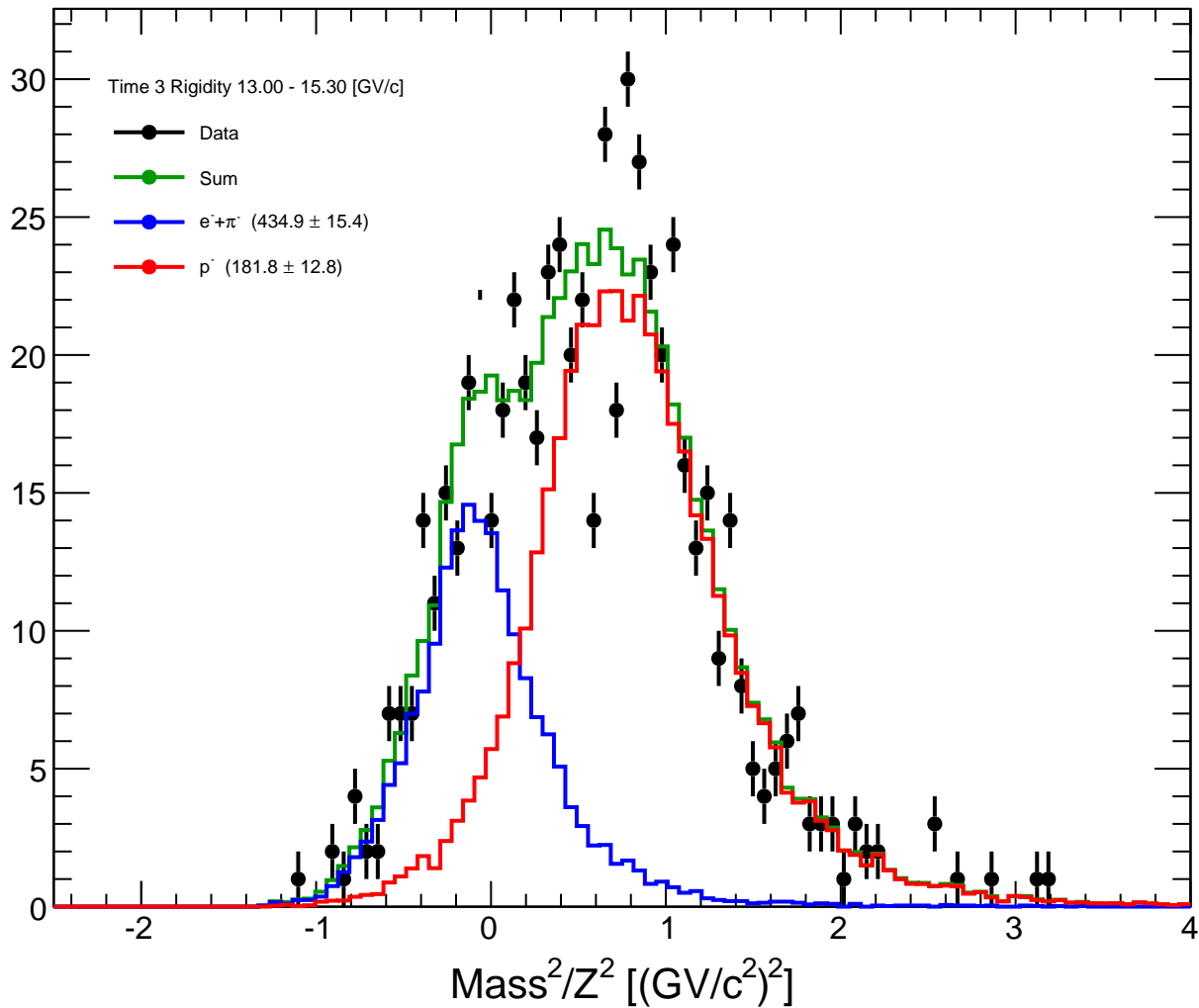


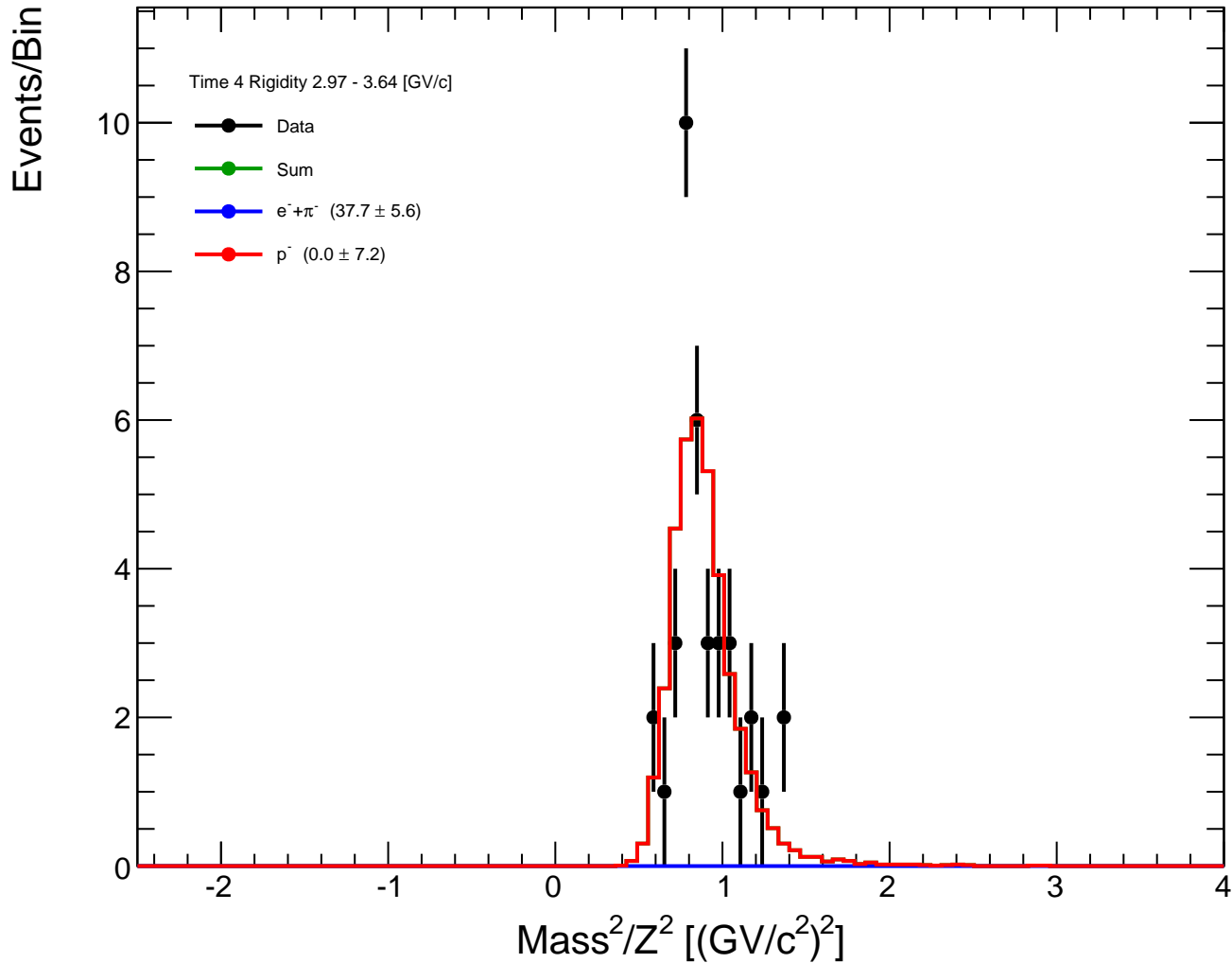




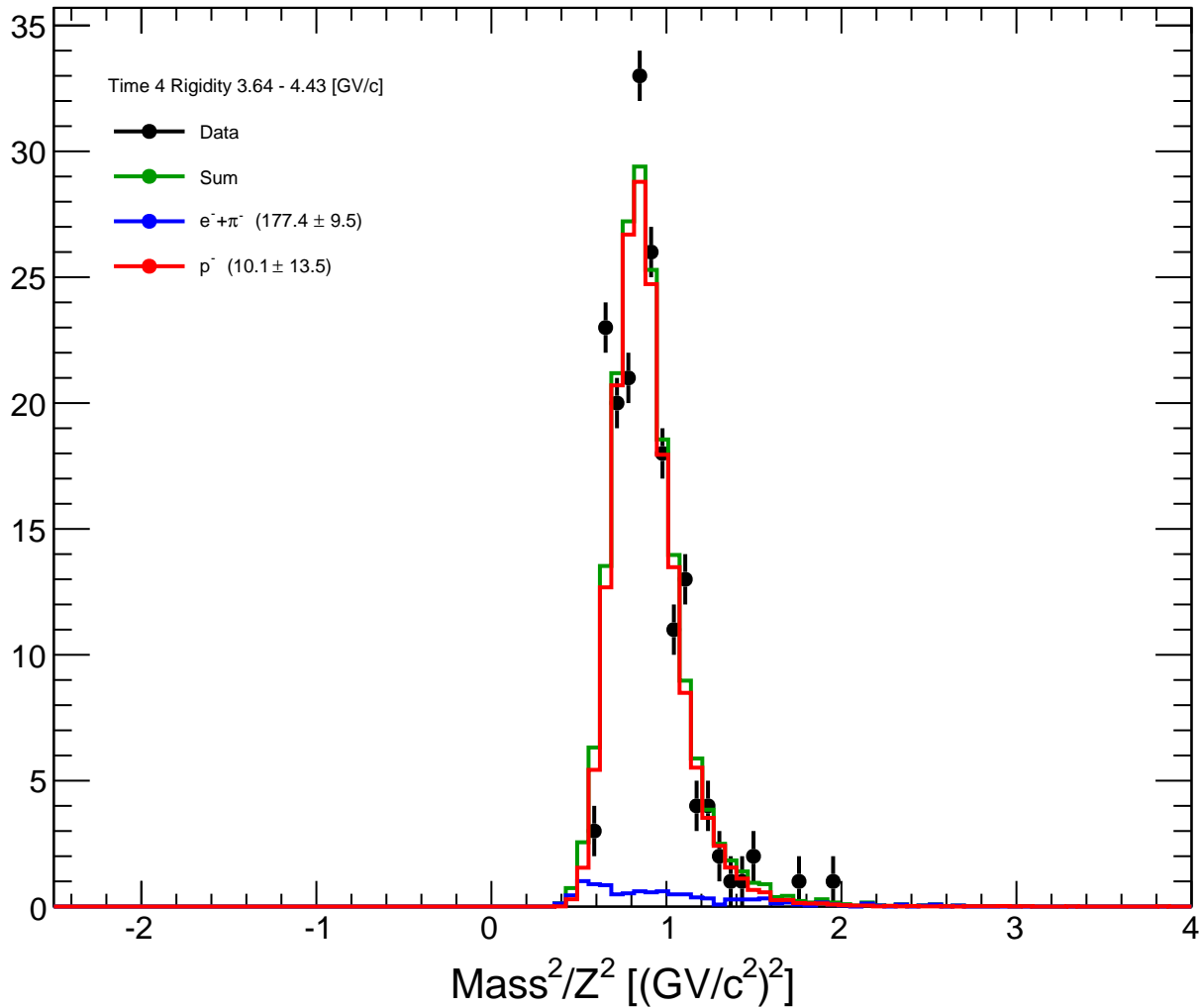


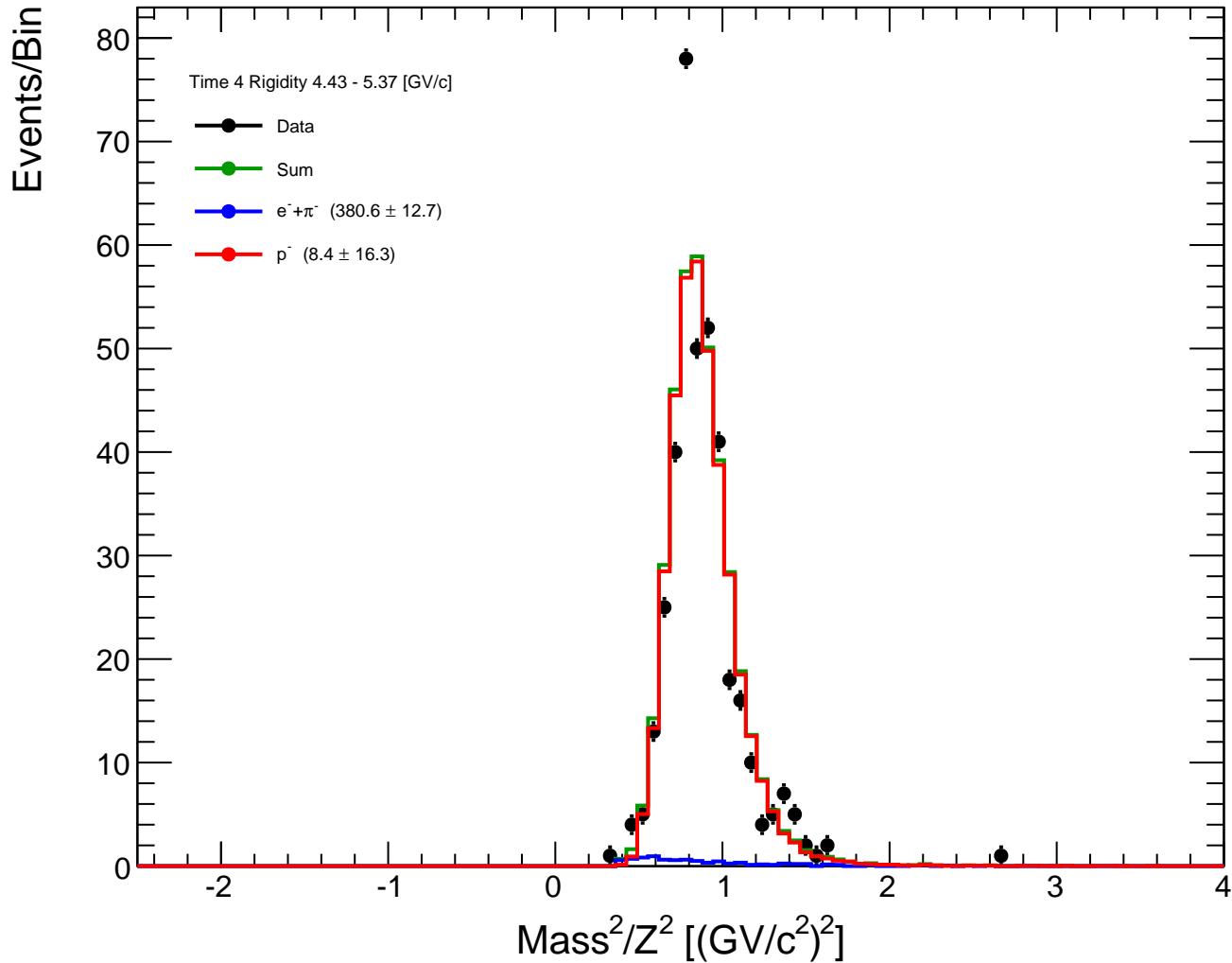
Events/Bin

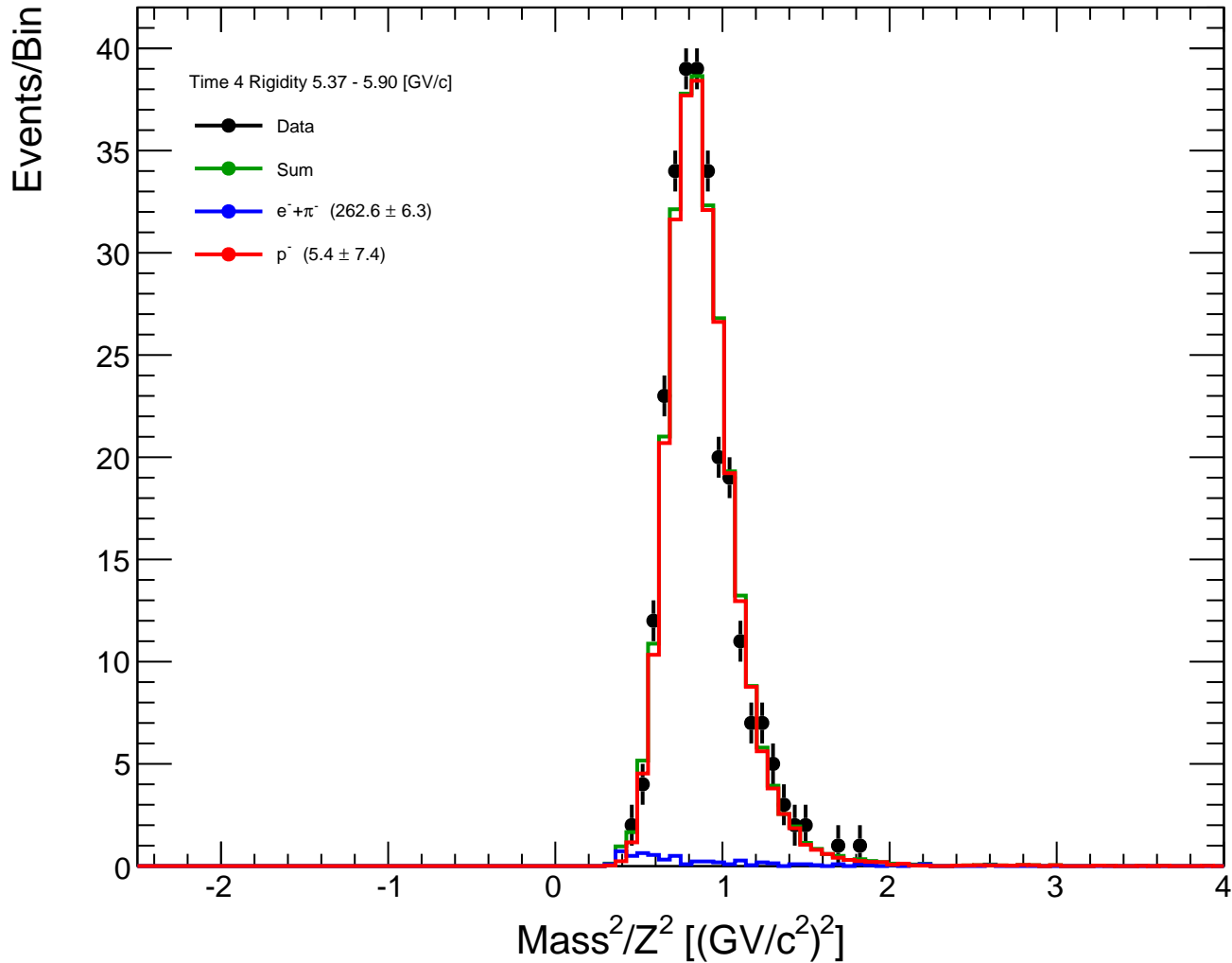


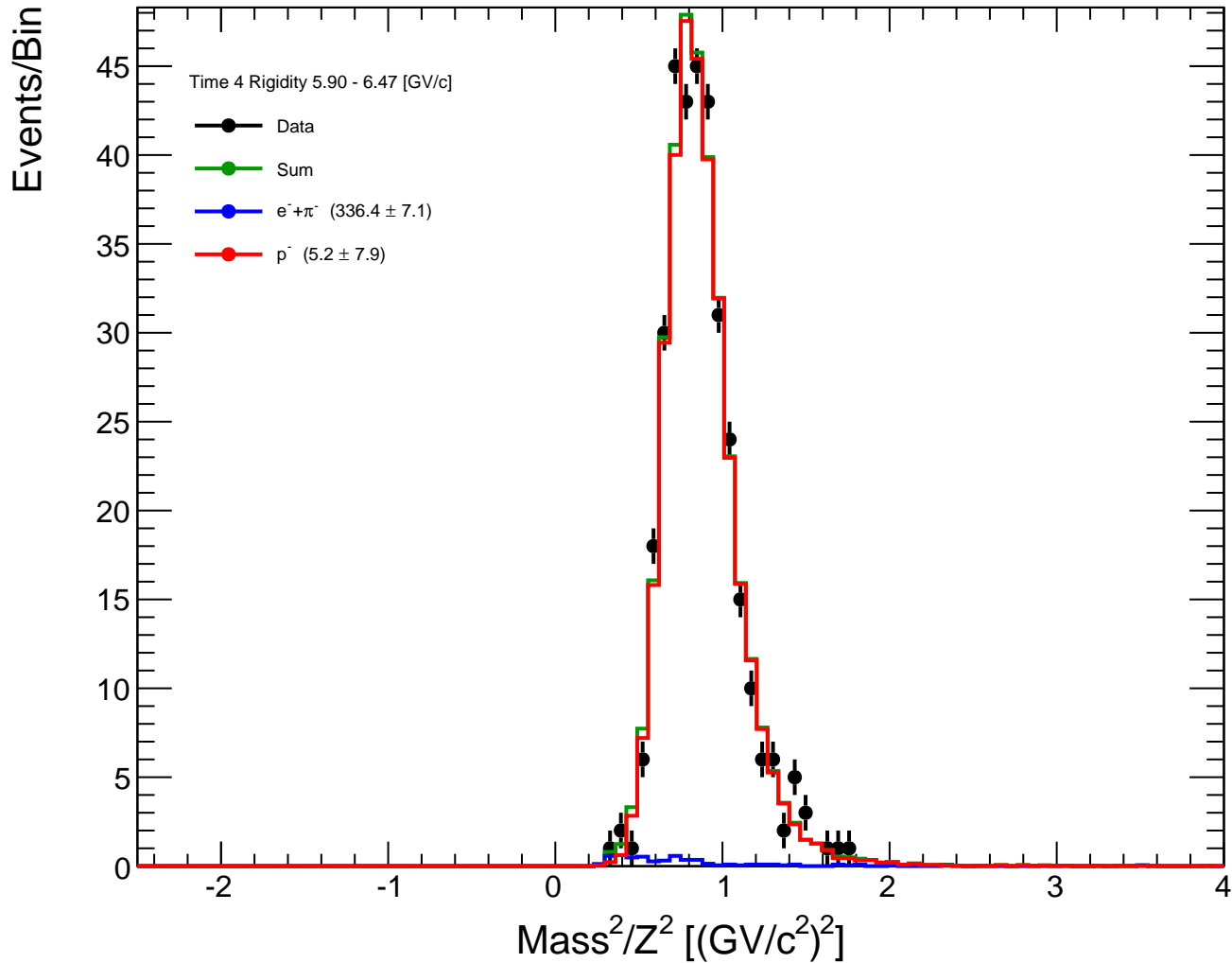


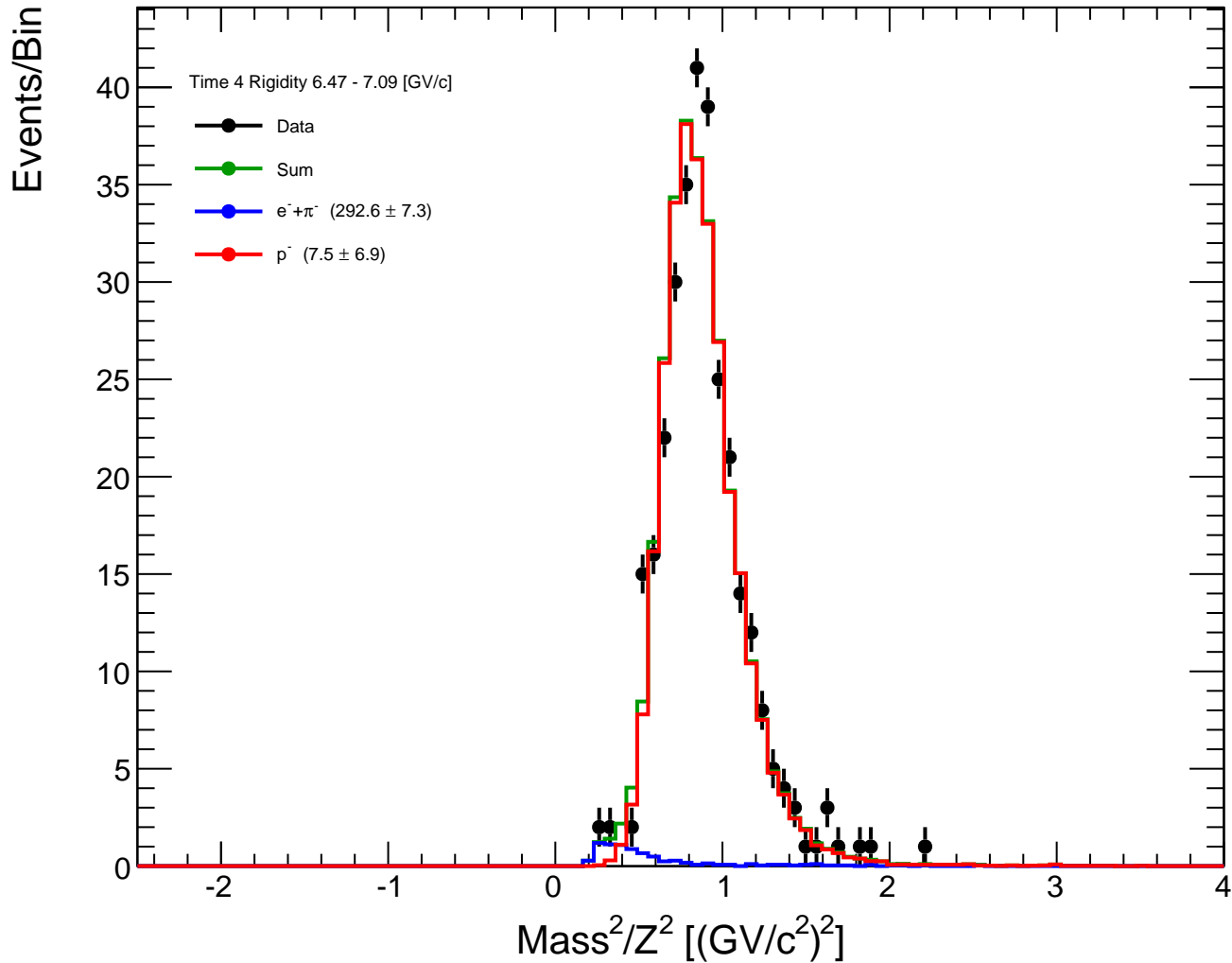
Events/Bin



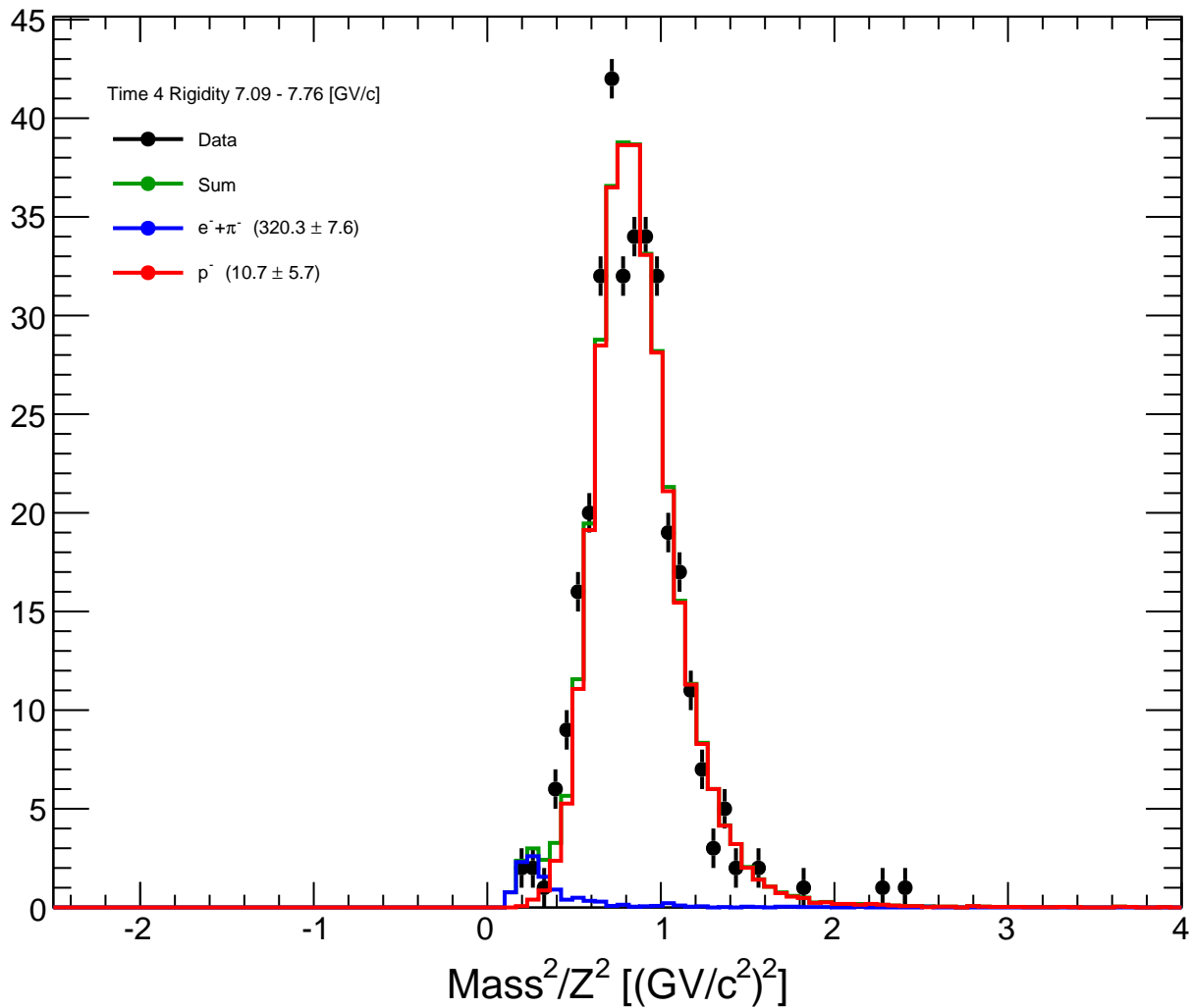


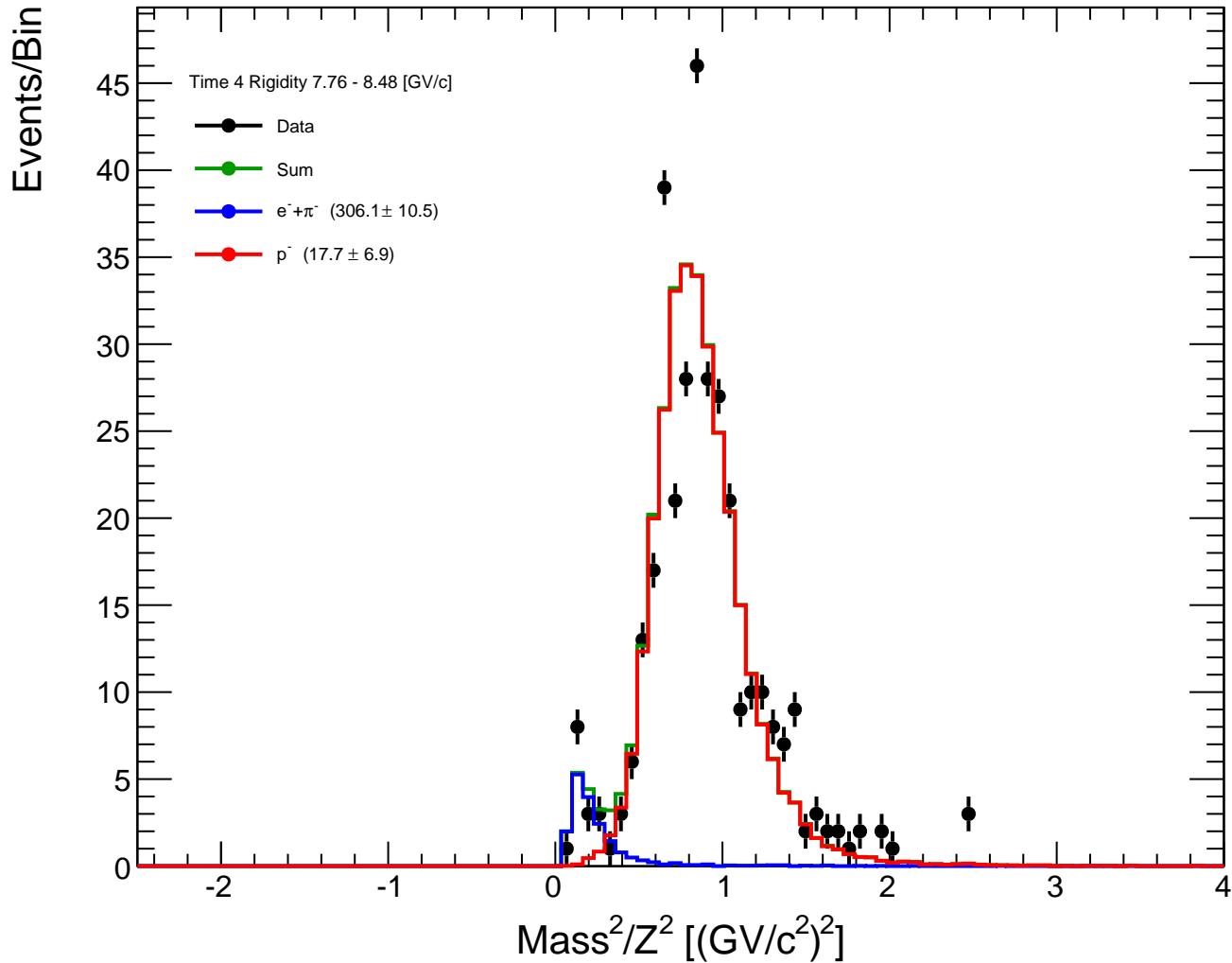


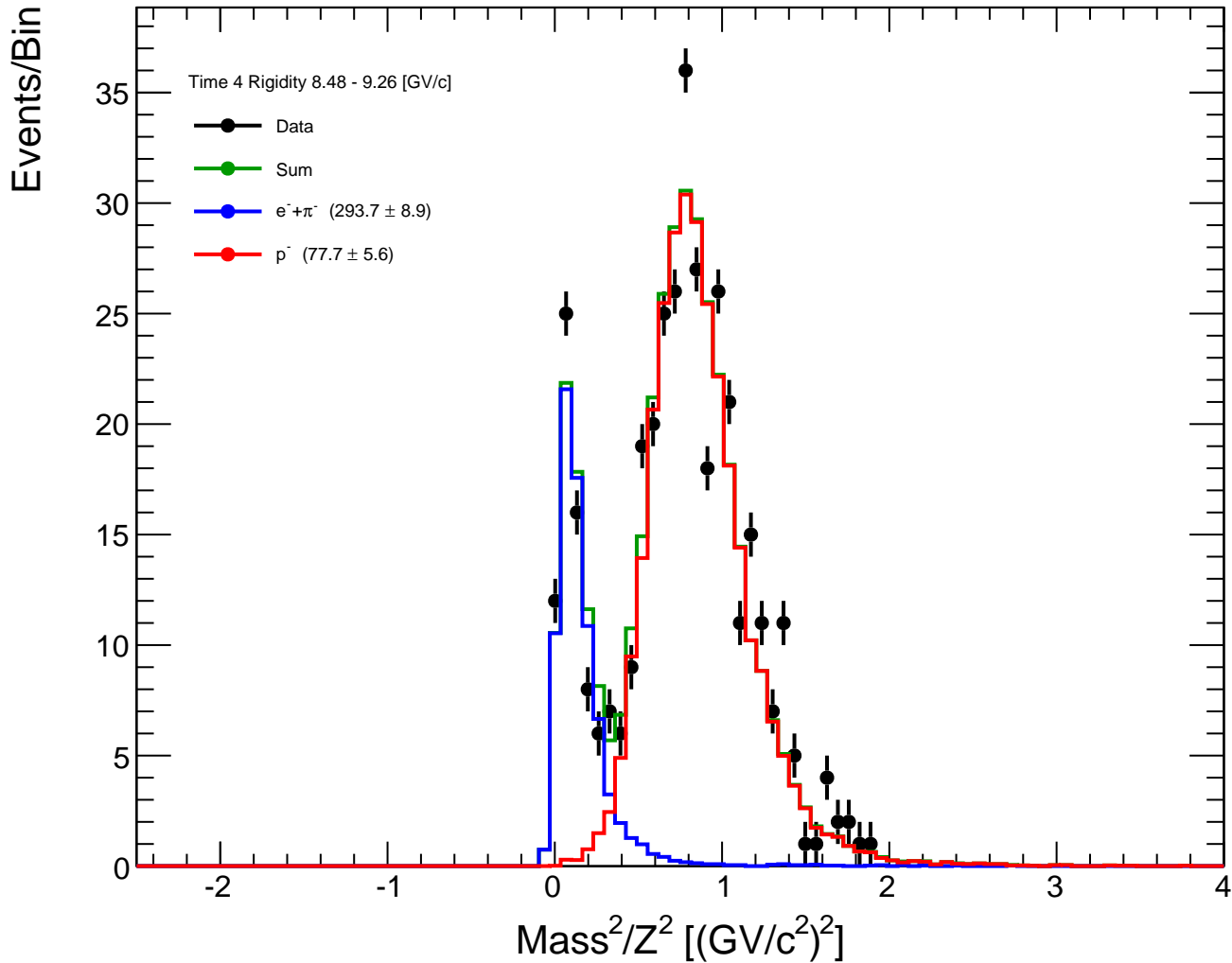


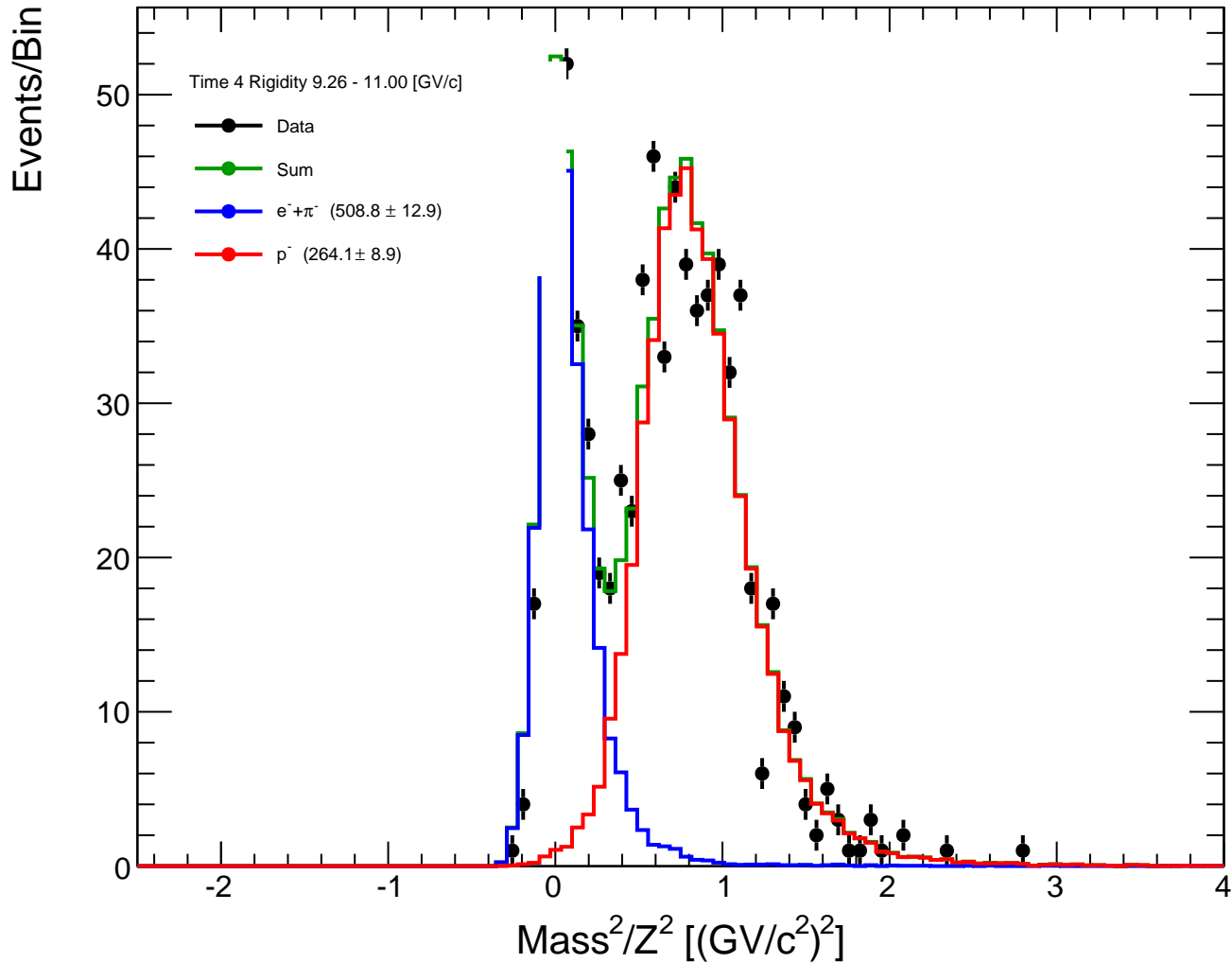


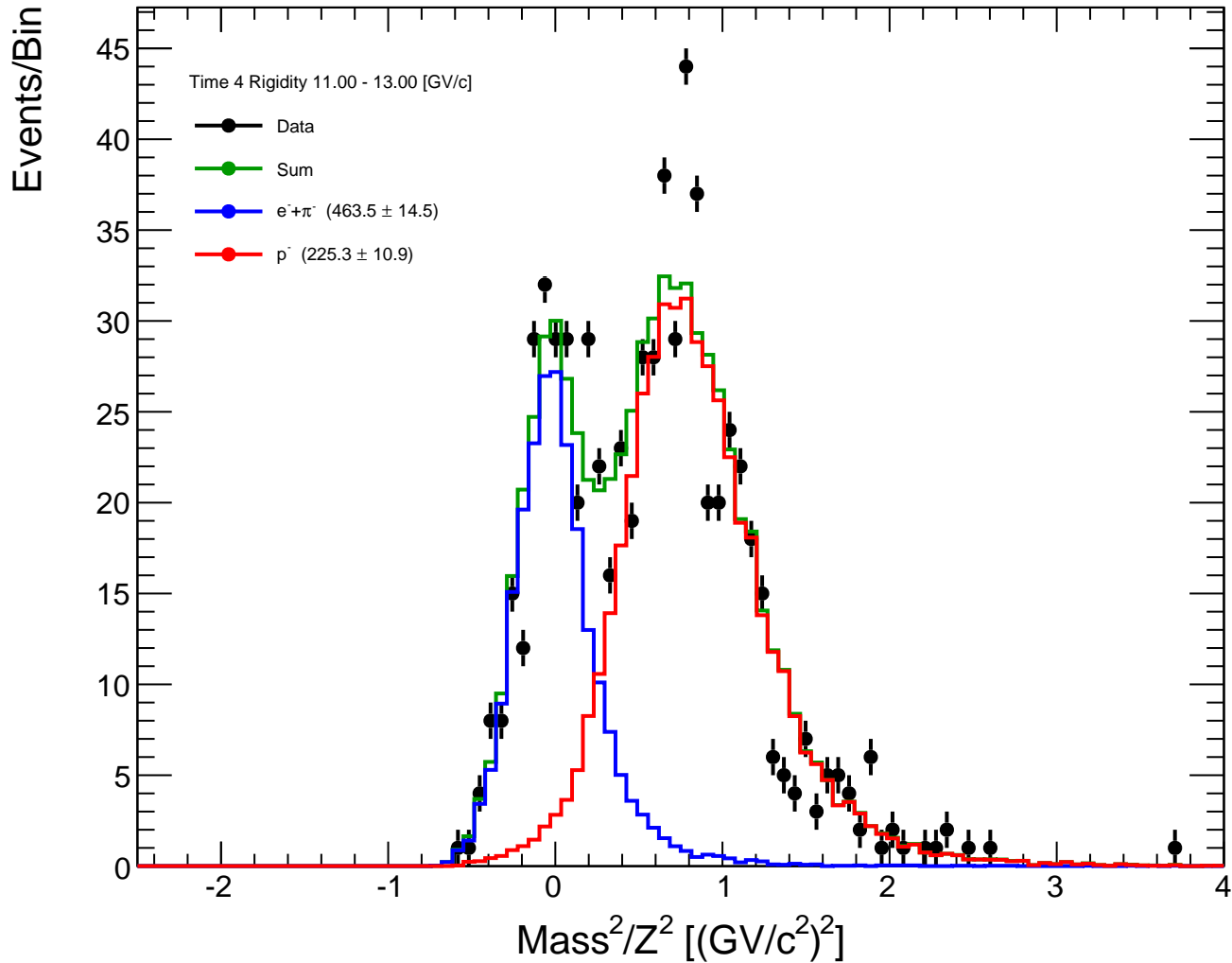
Events/Bin

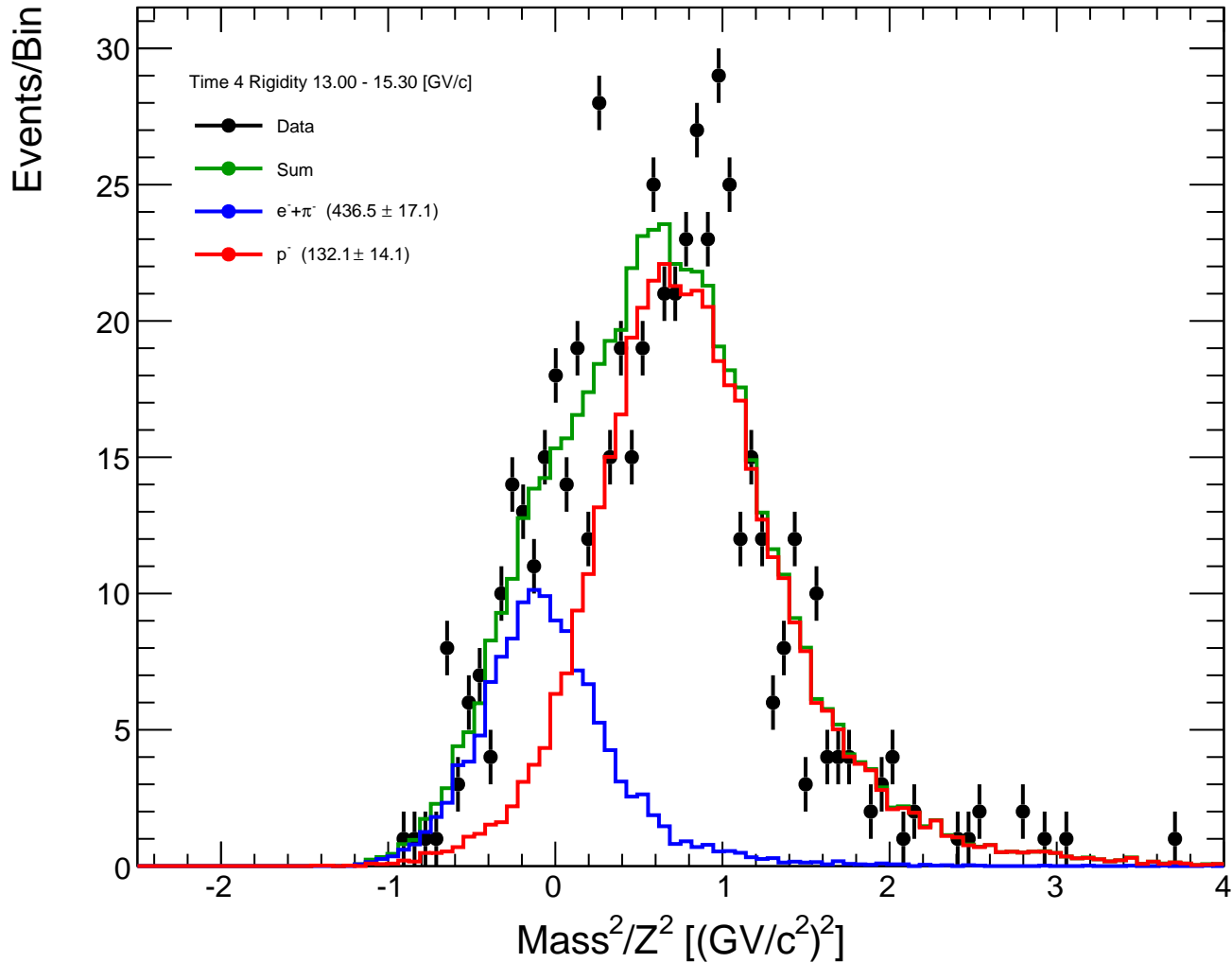


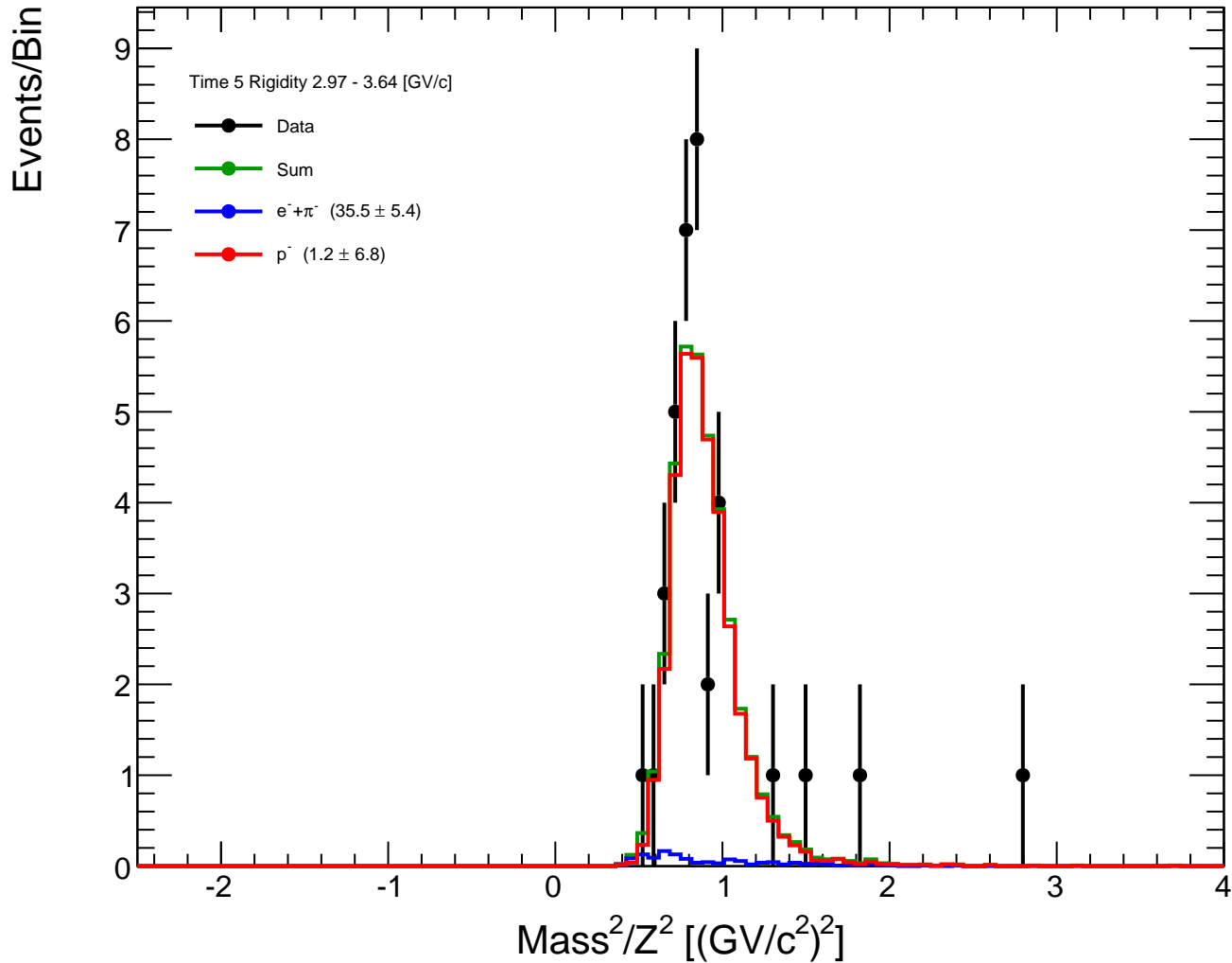


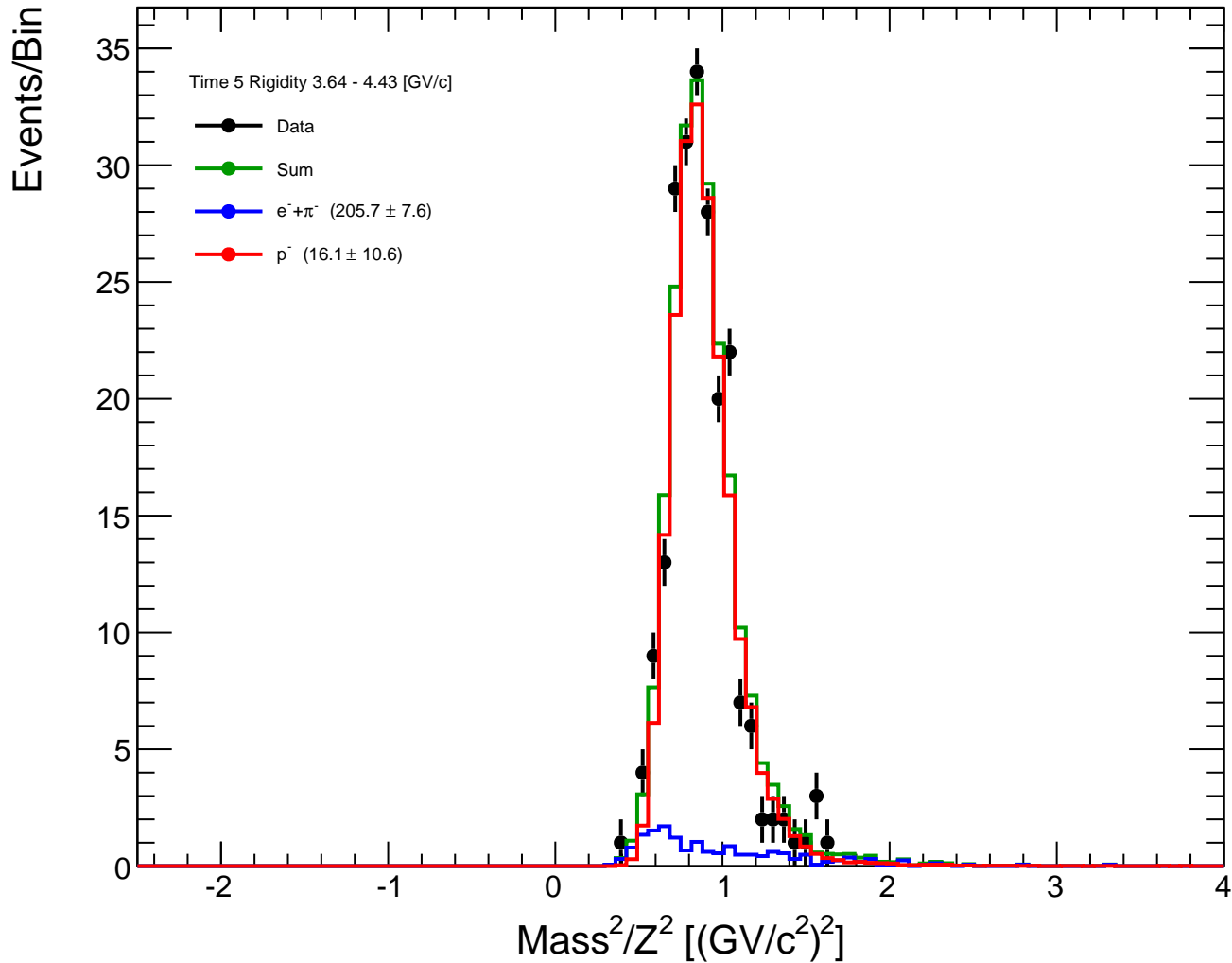


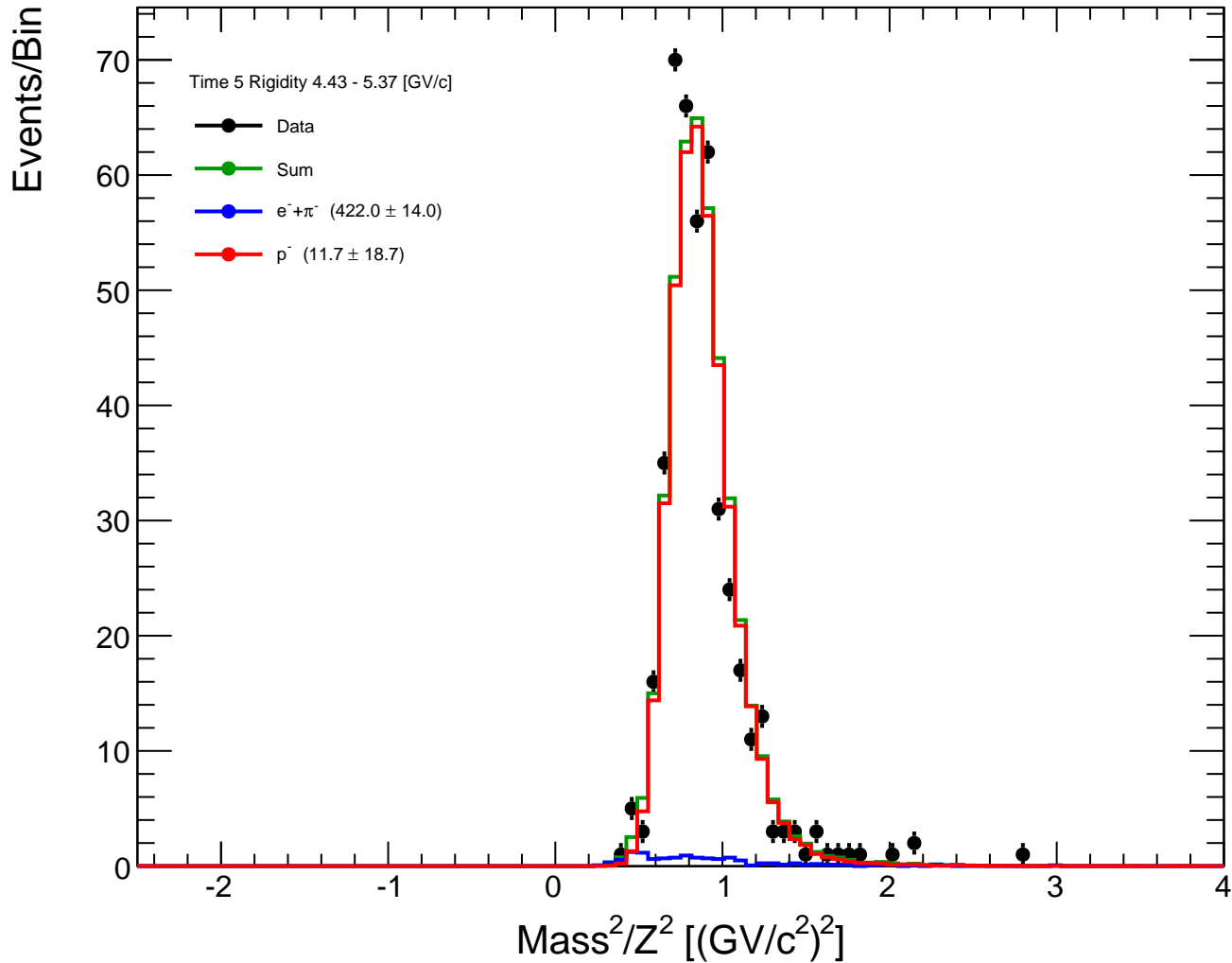


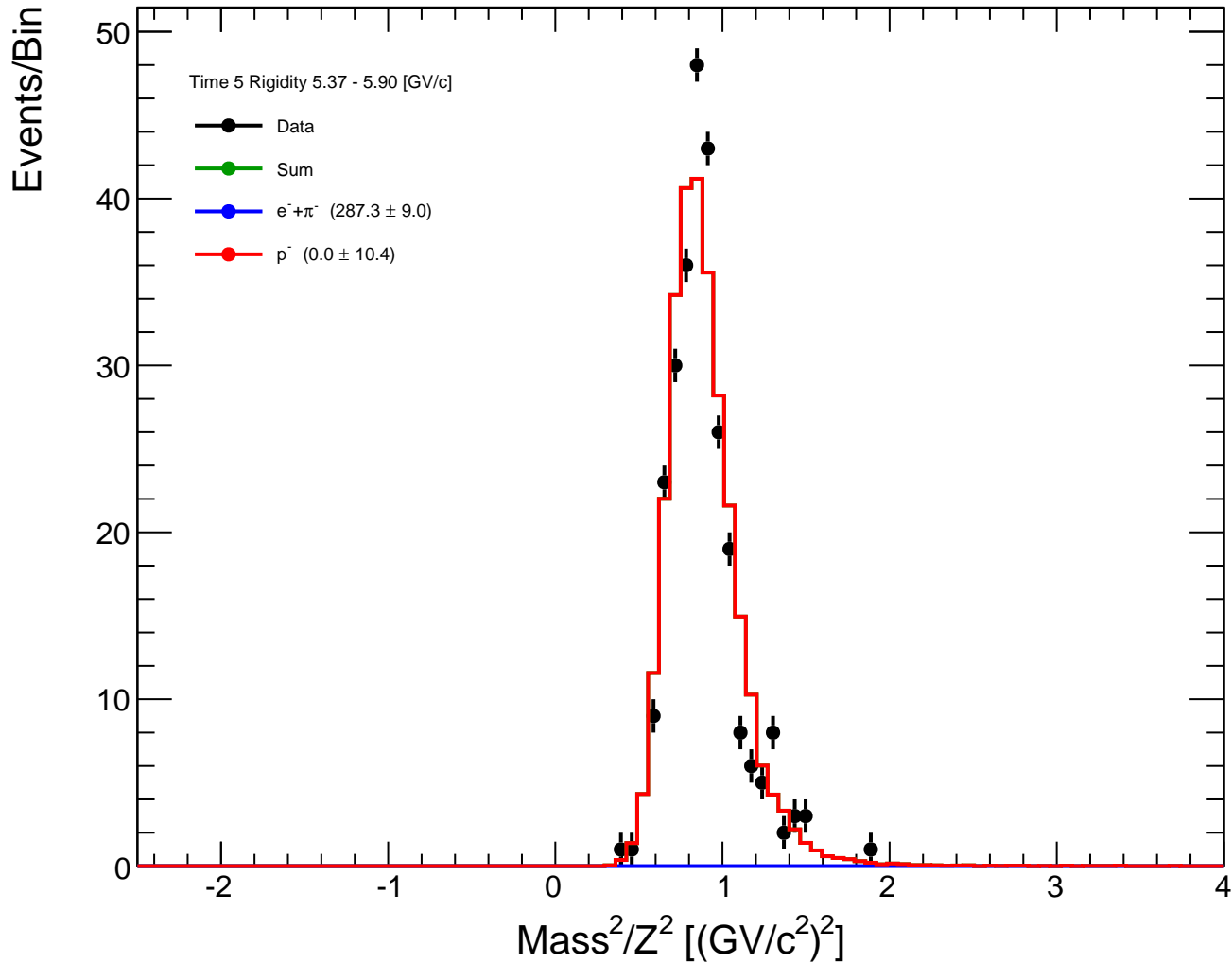


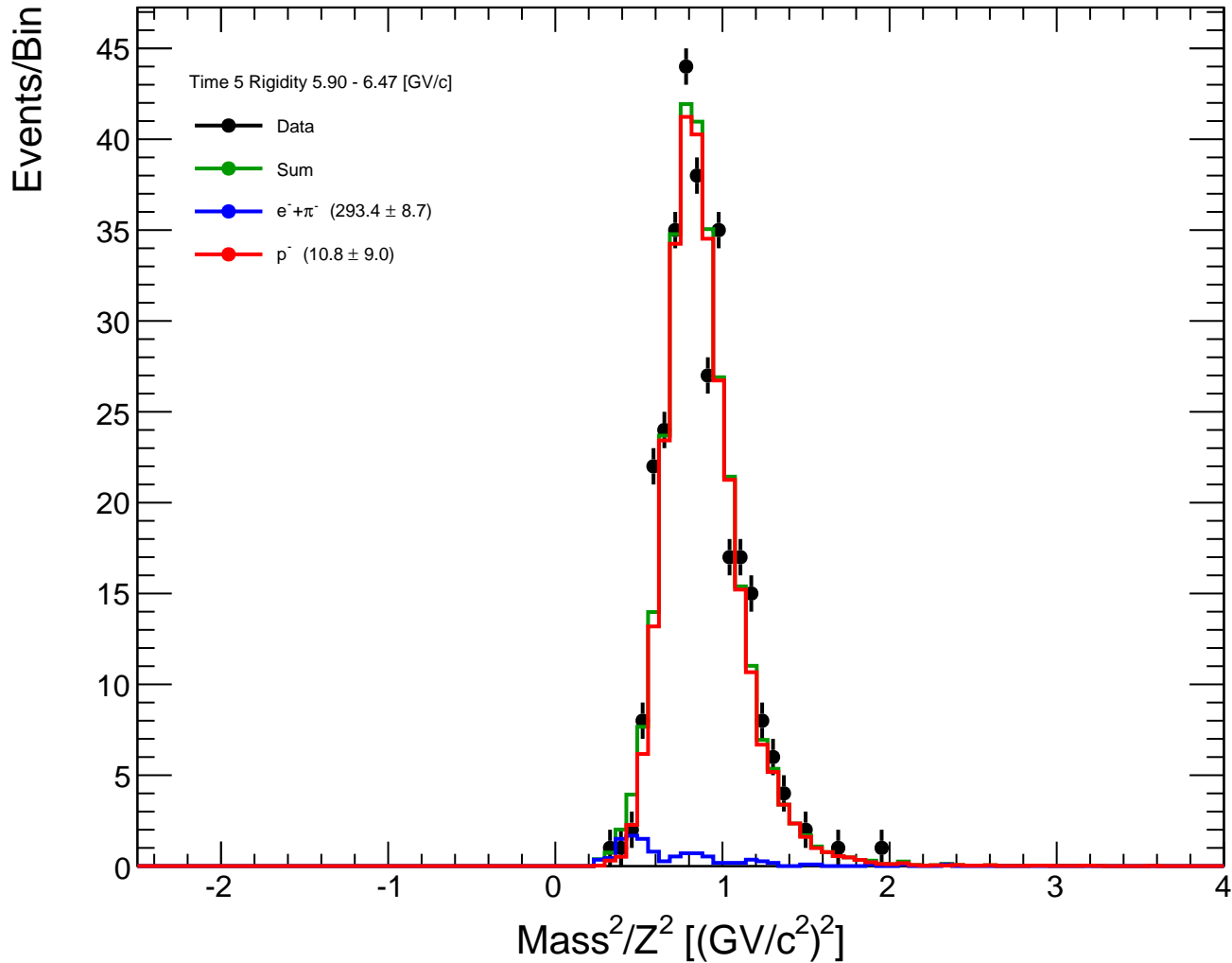








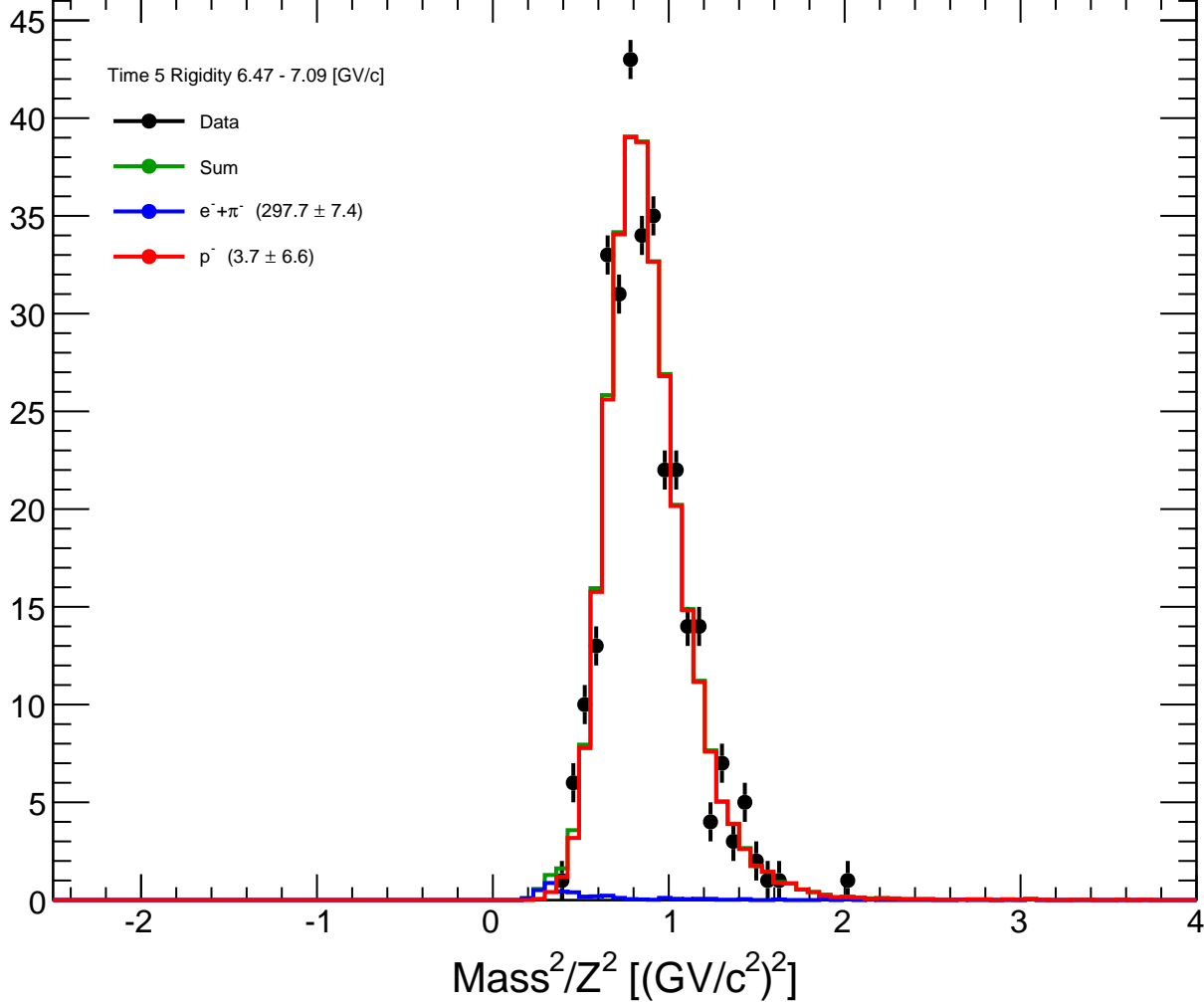


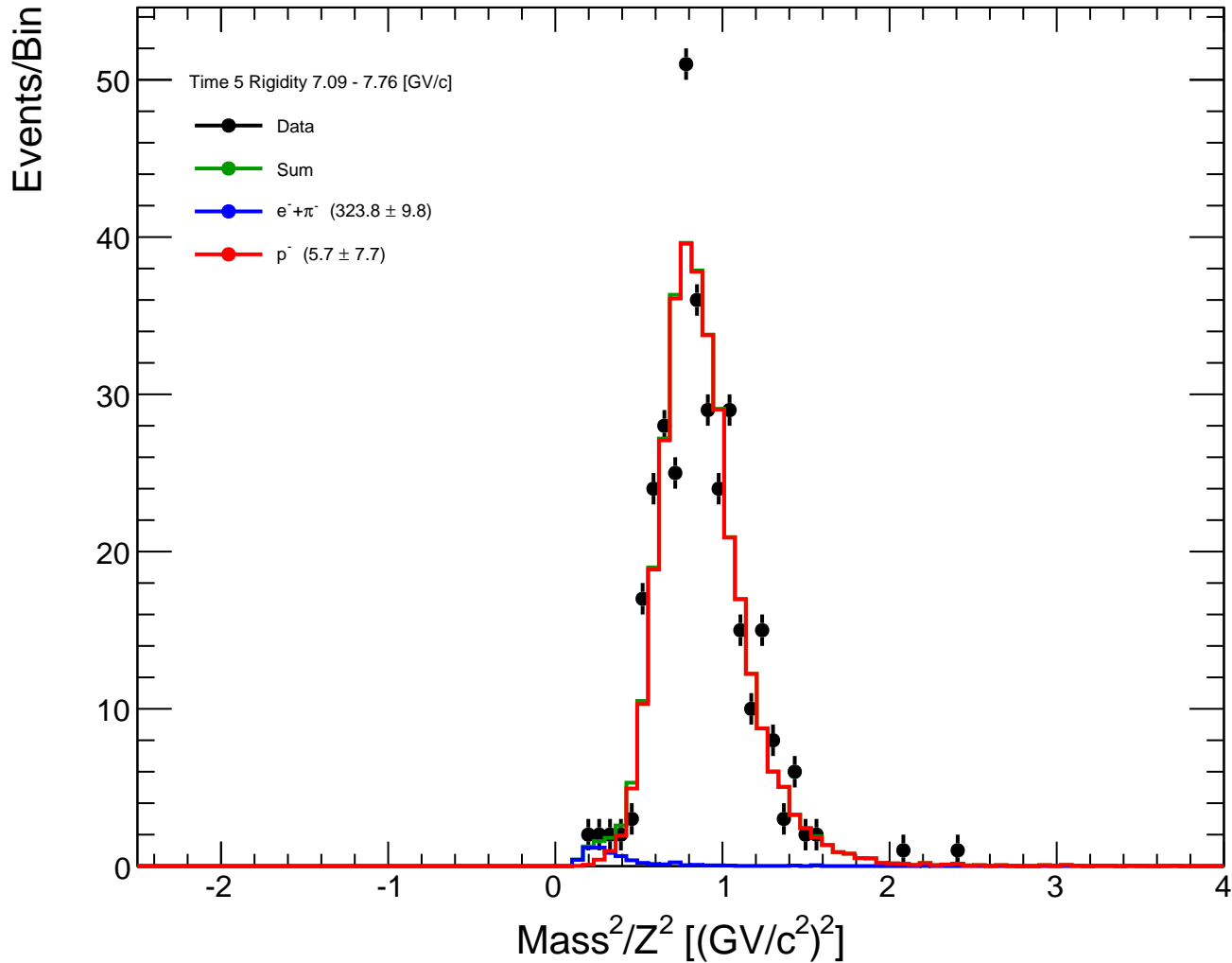


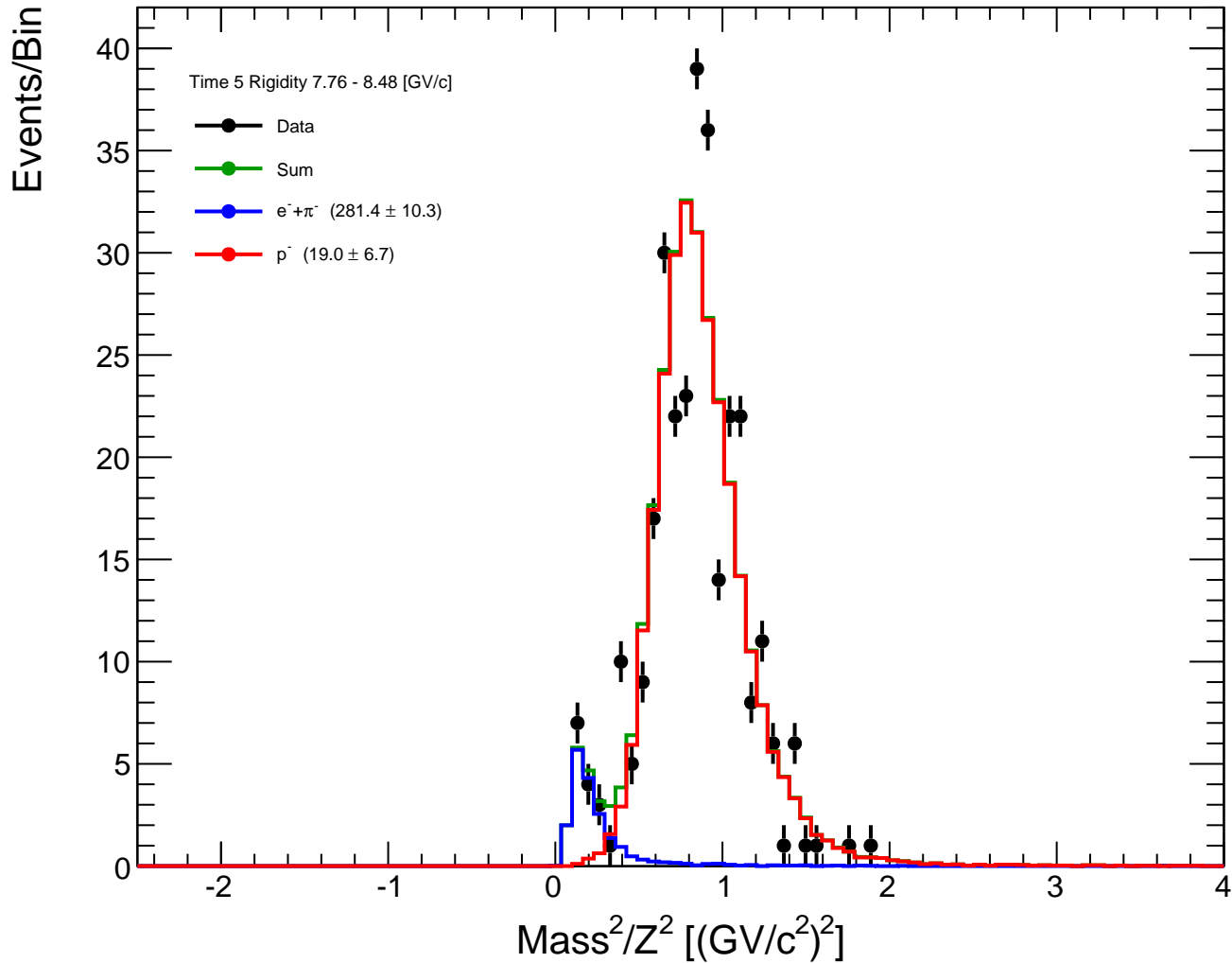
Events/Bin

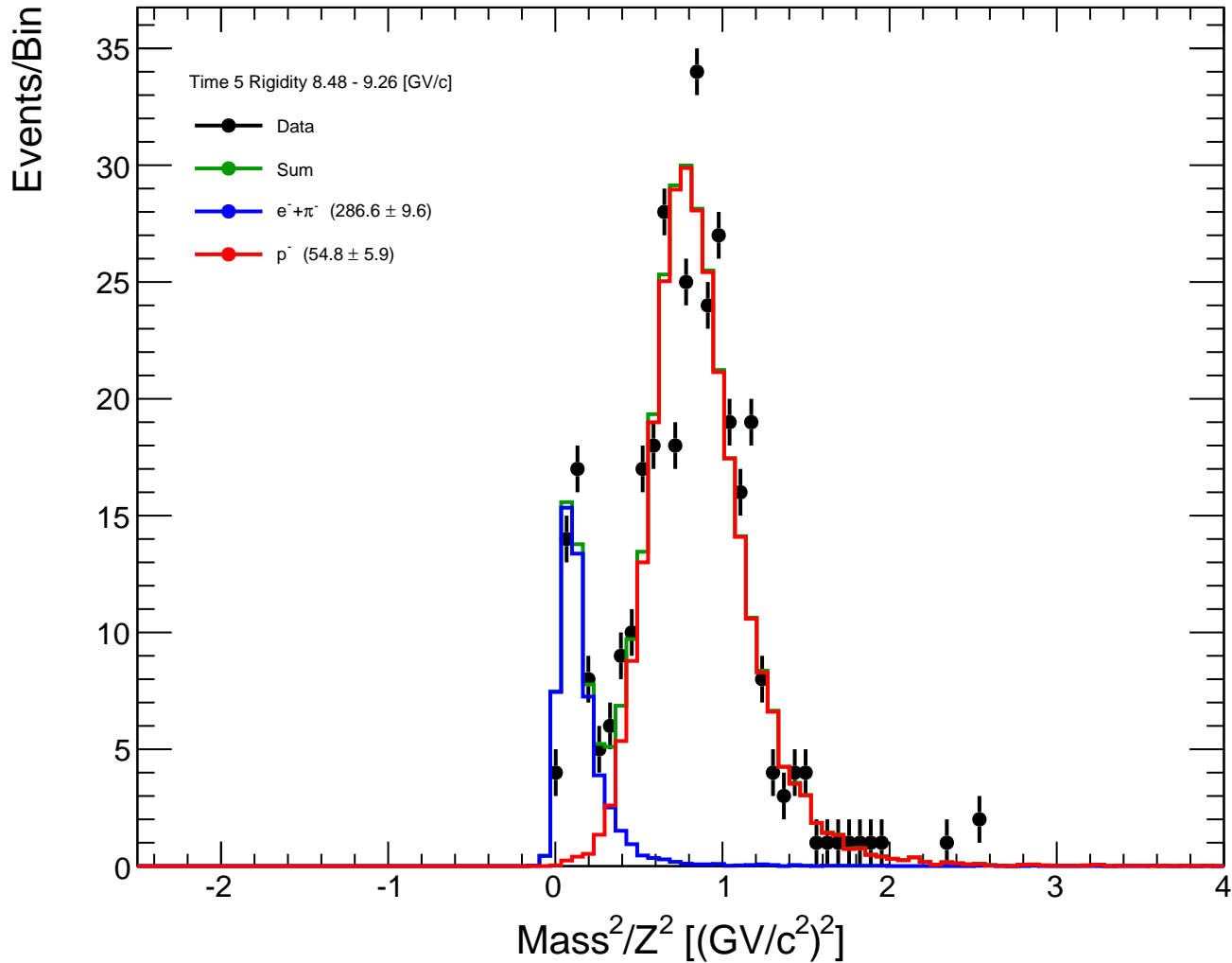
Time 5 Rigidity 6.47 - 7.09 [GV/c]

- Data
- Sum
- $e^- + \pi^-$ (297.7 ± 7.4)
- p^- (3.7 ± 6.6)

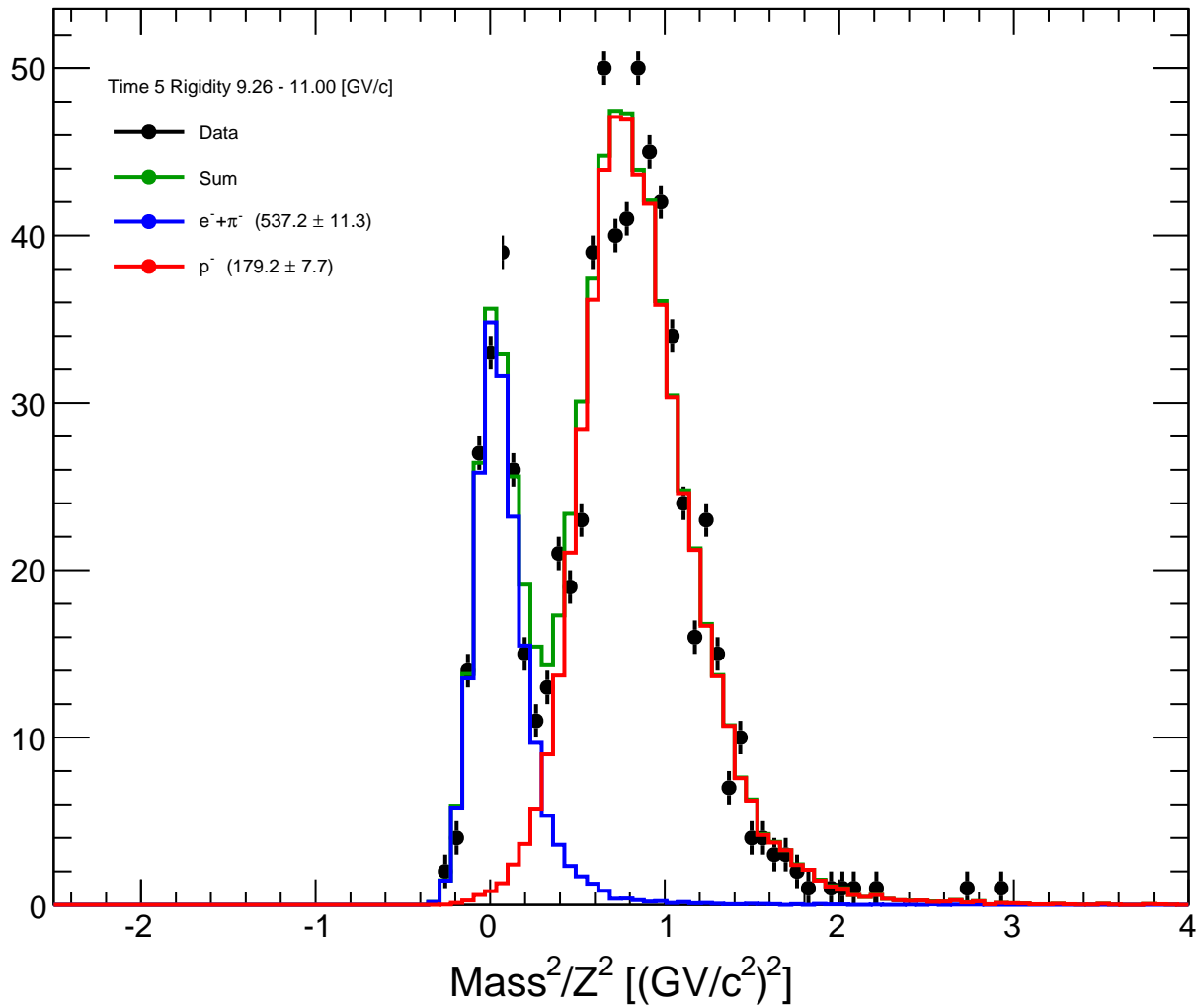




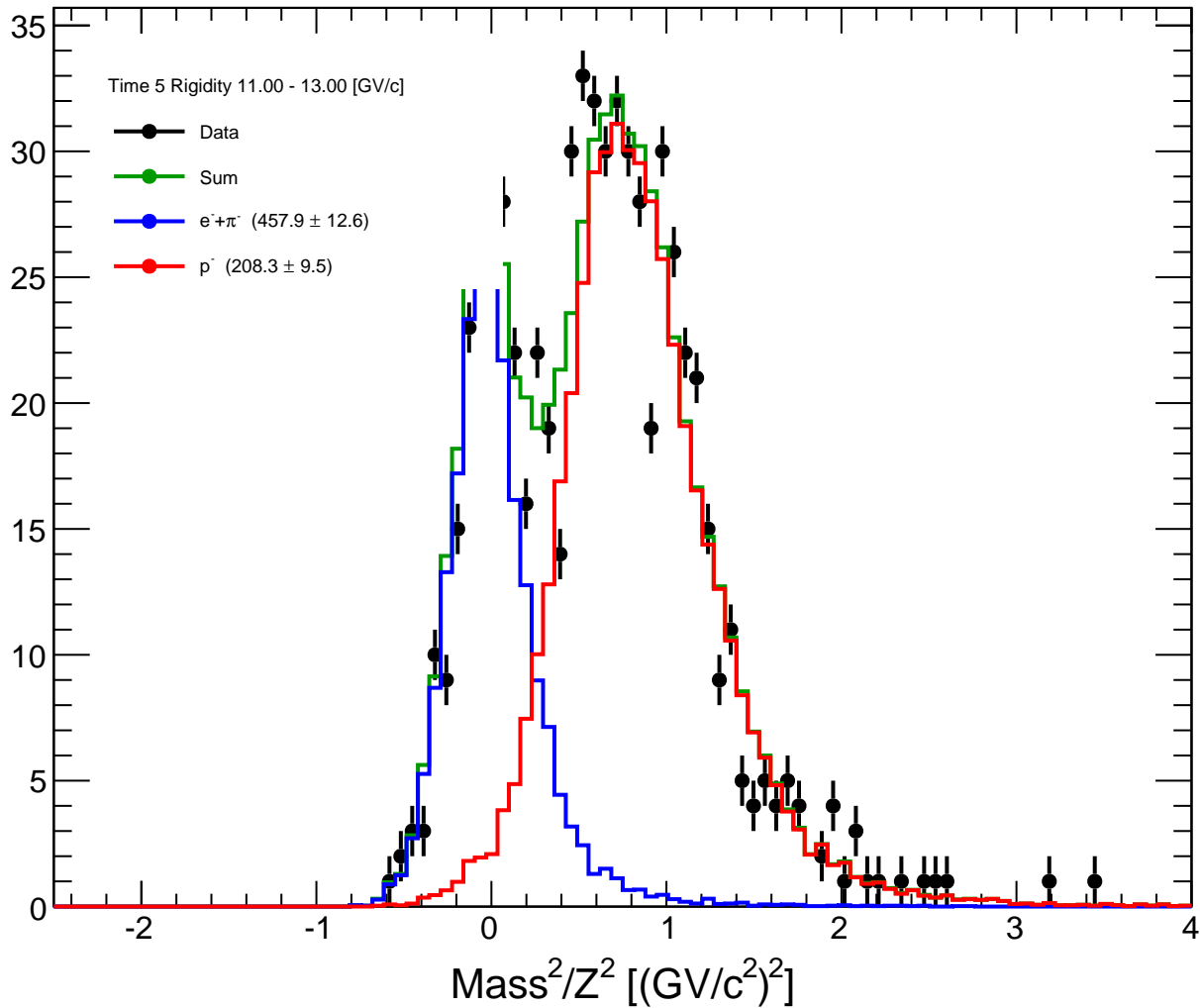




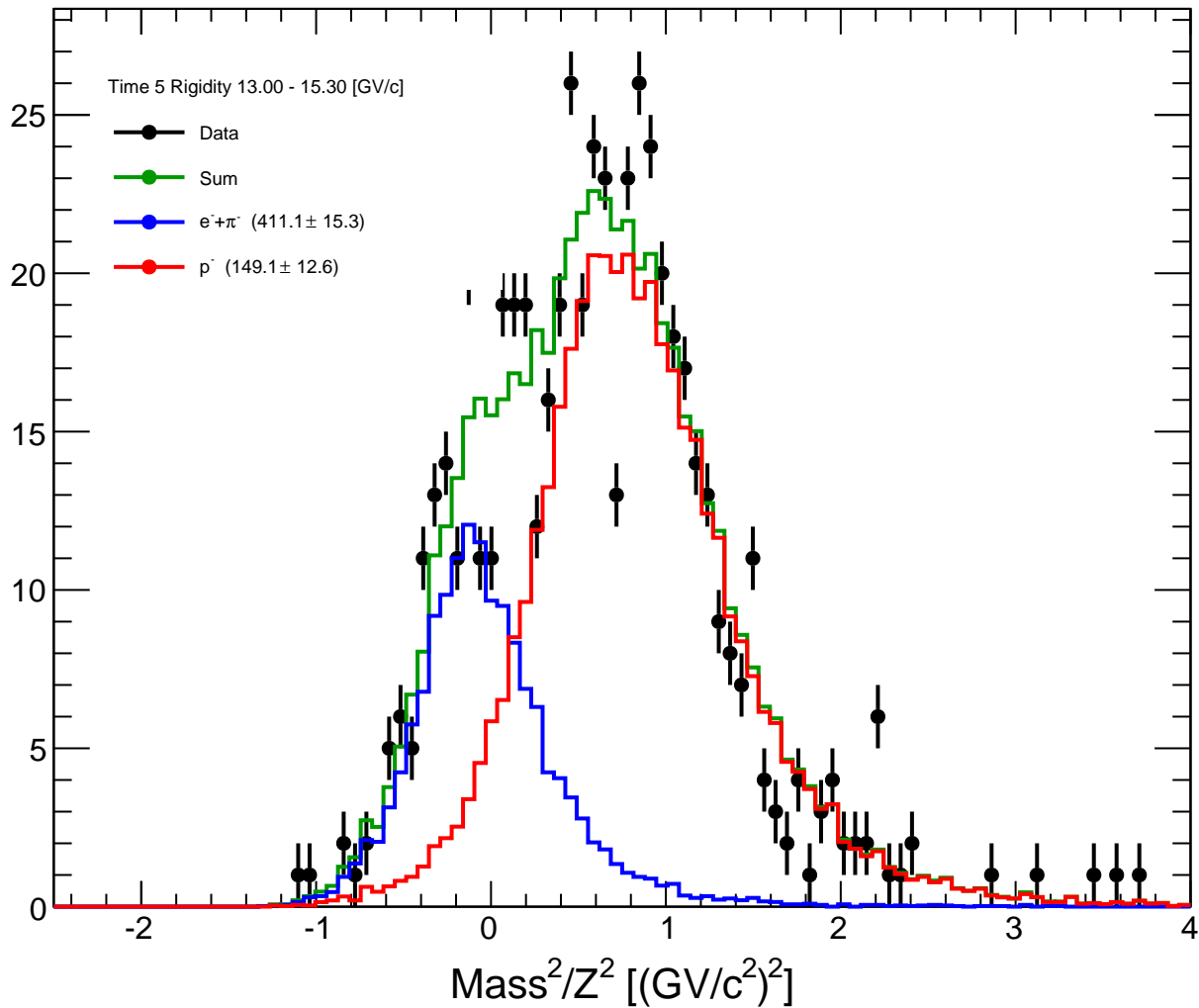
Events/Bin

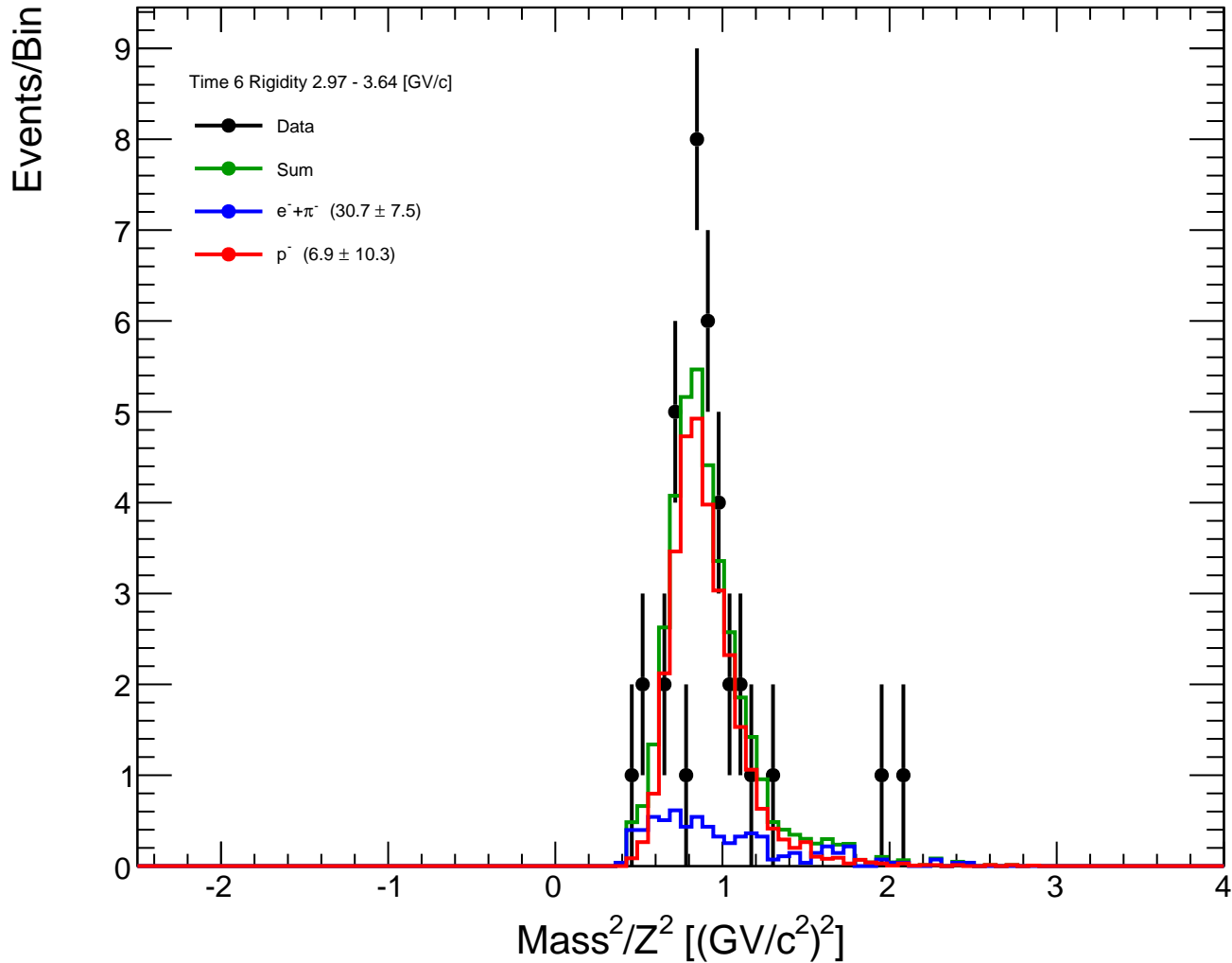


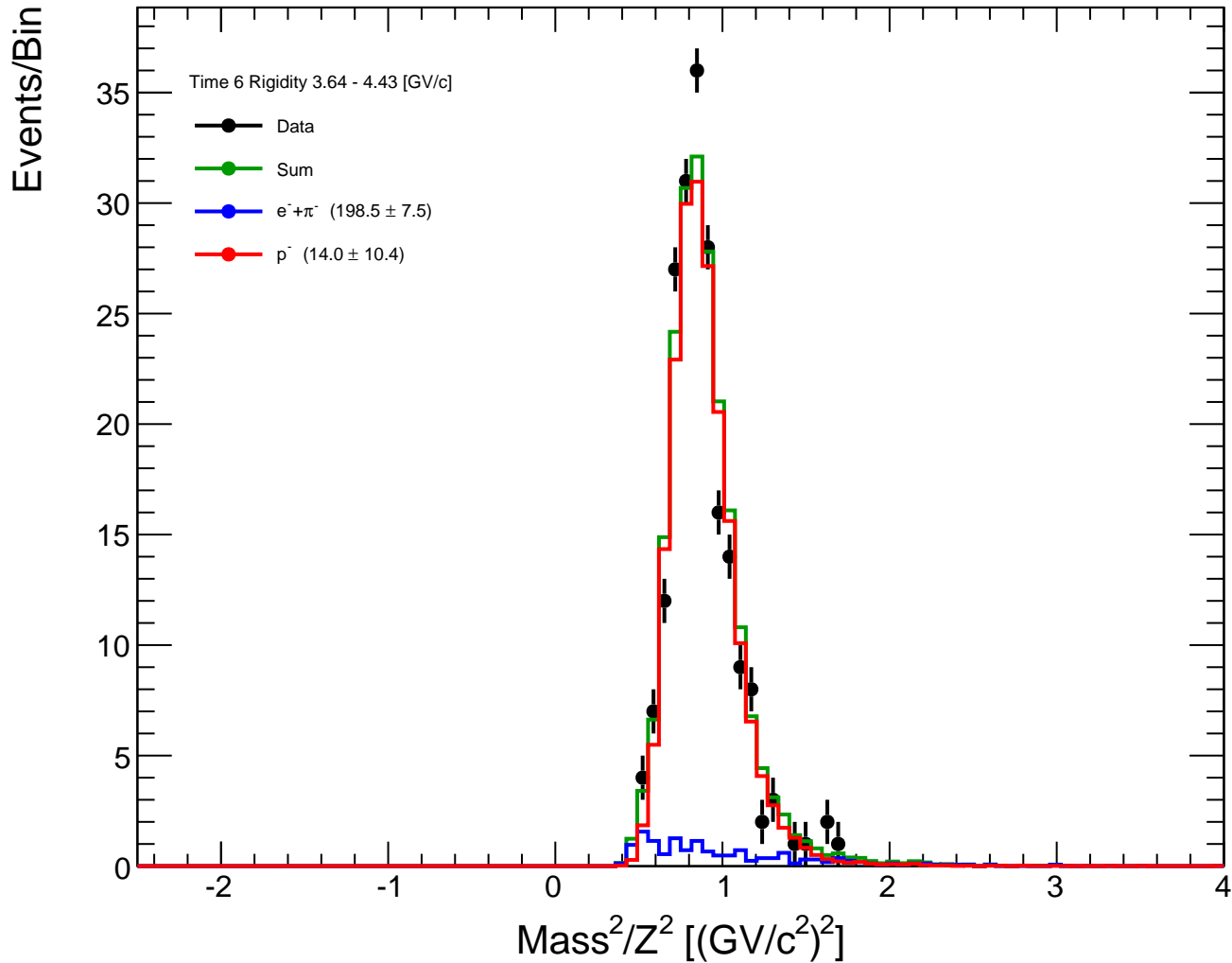
Events/Bin

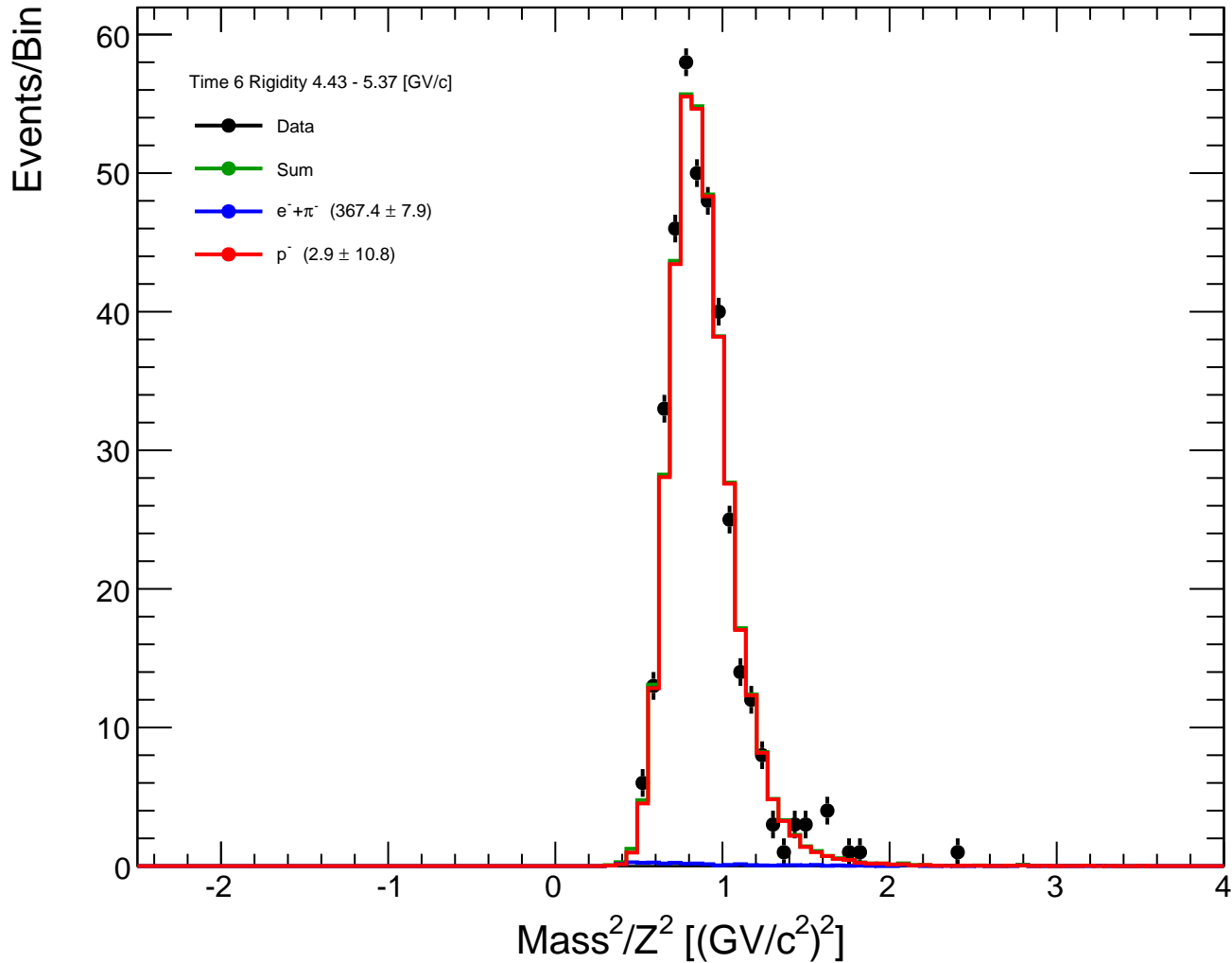


Events/Bin

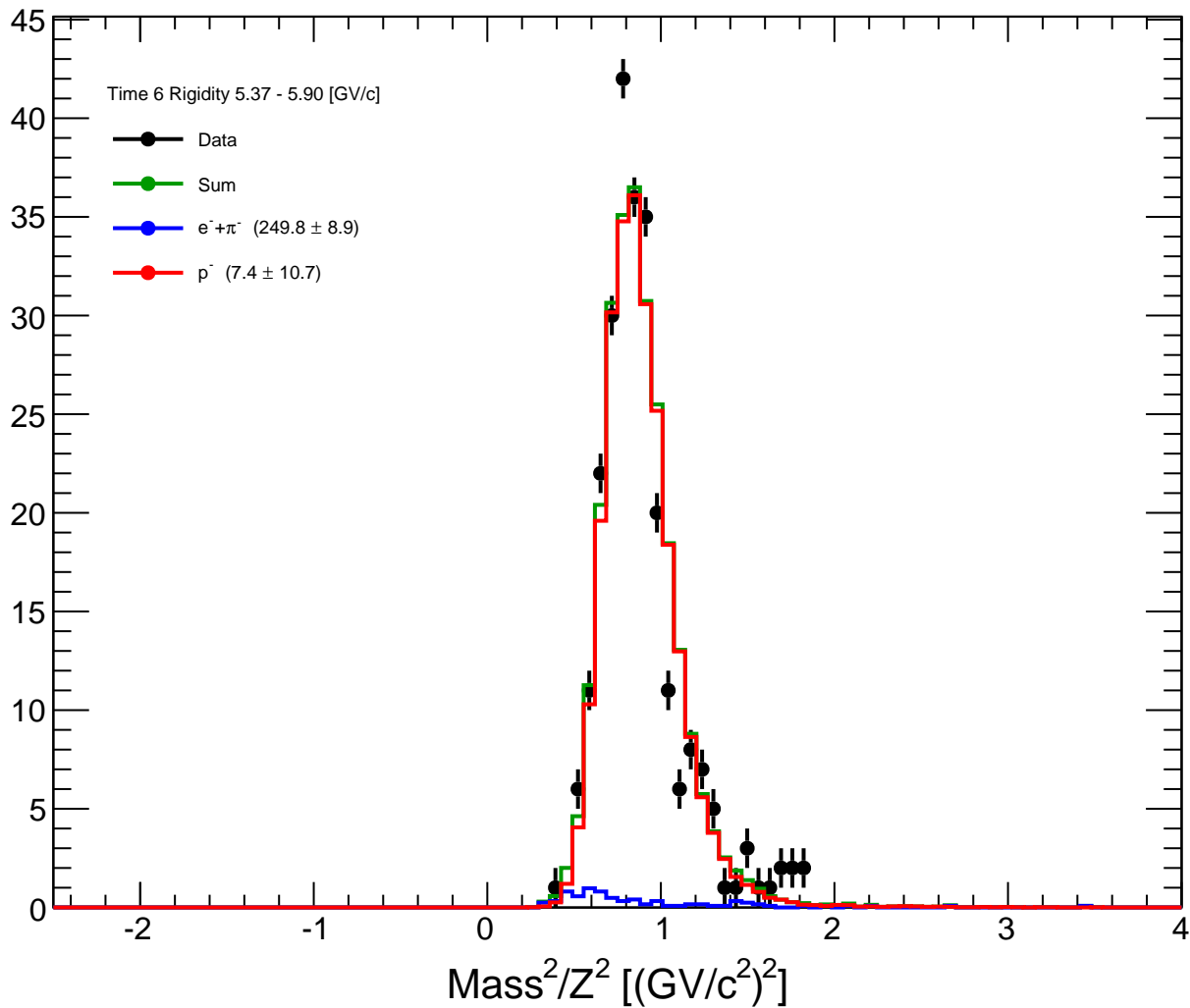


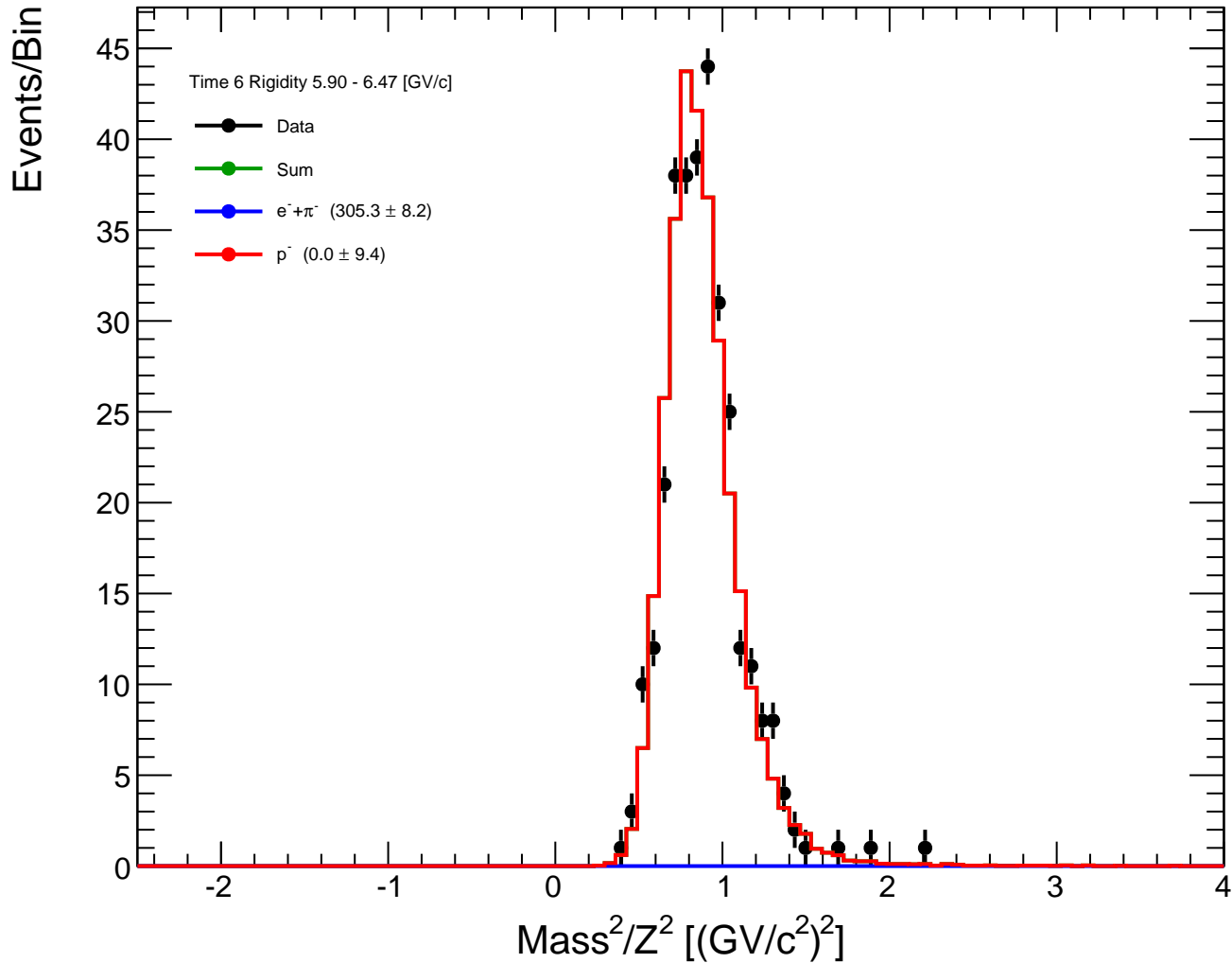


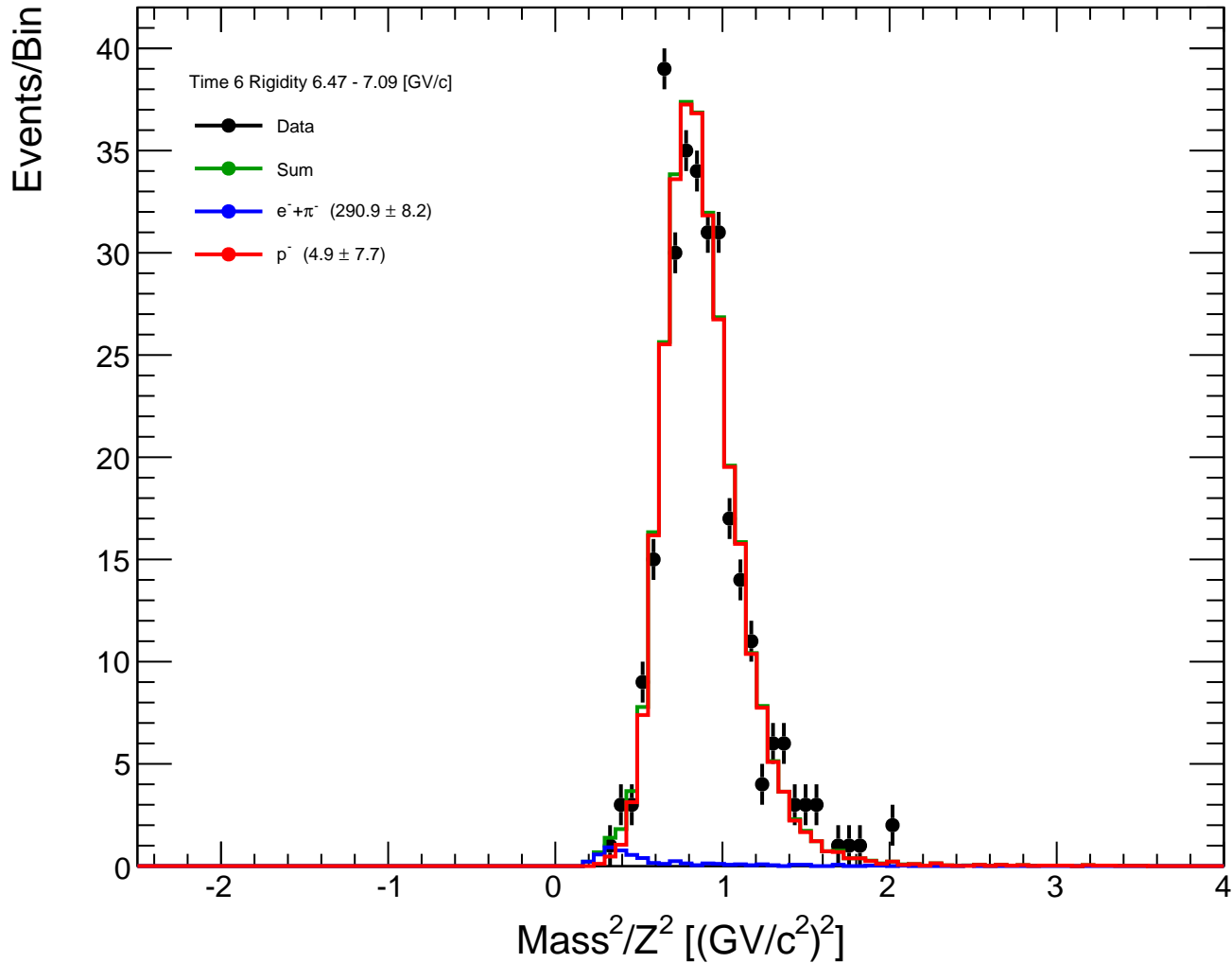


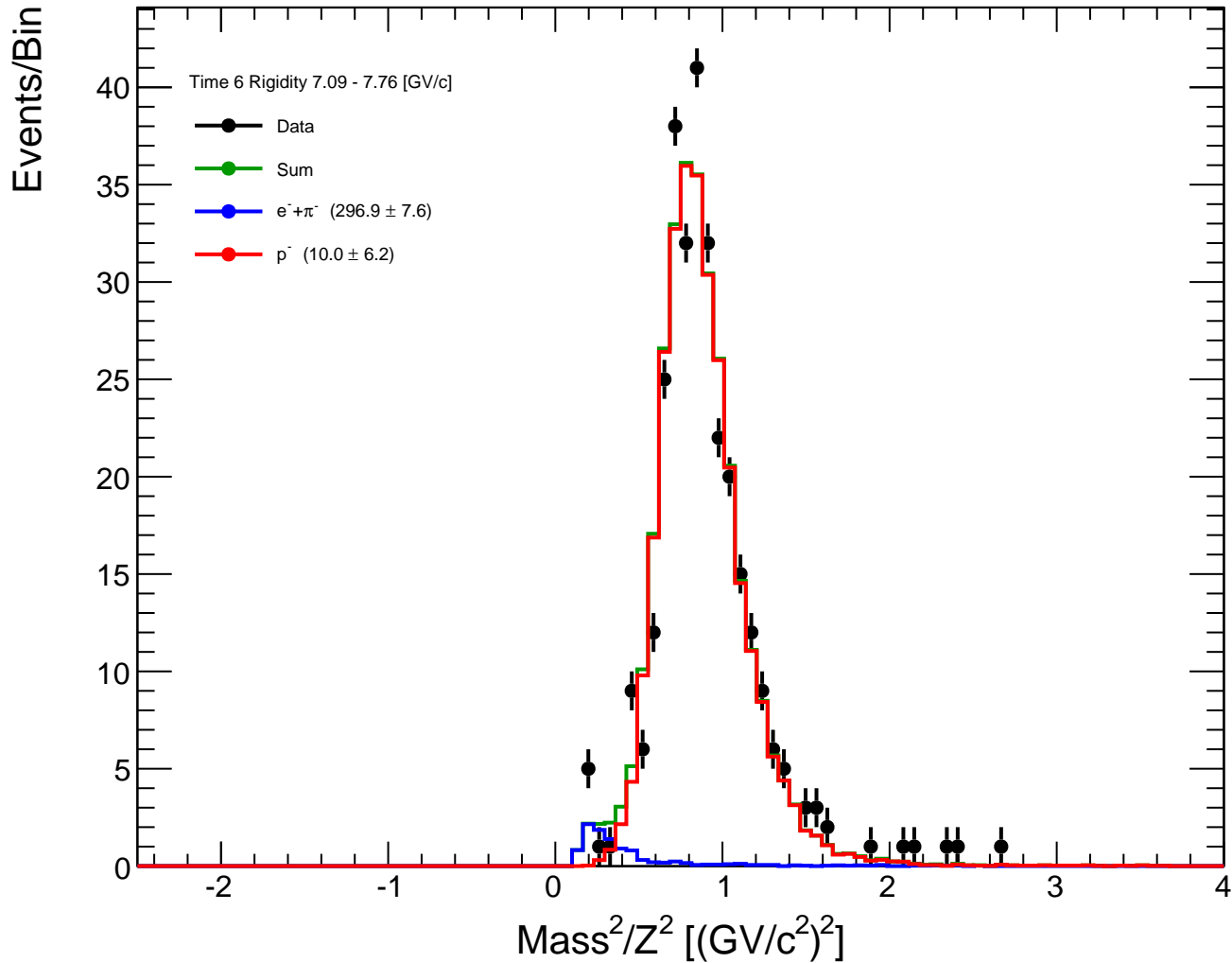


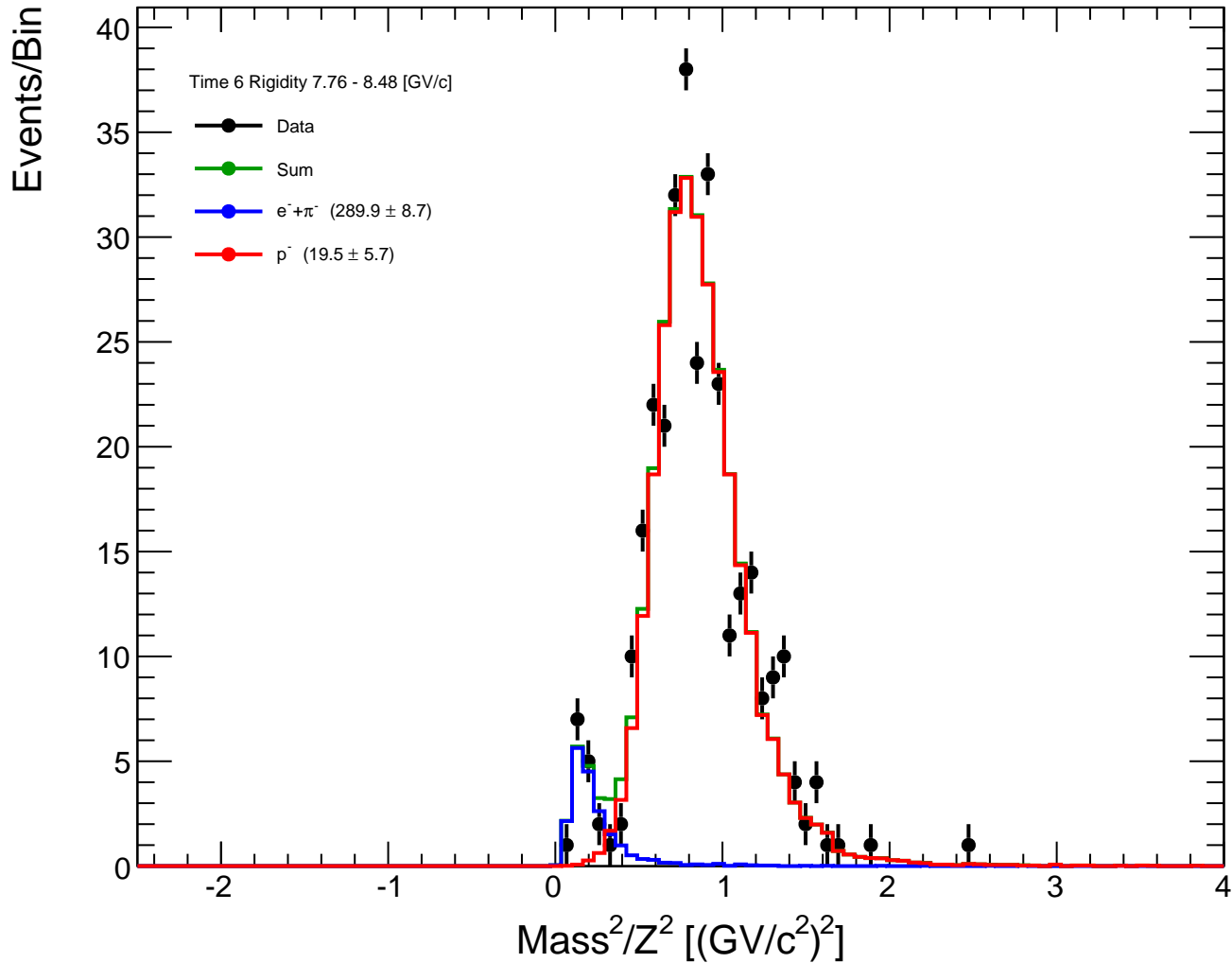
Events/Bin

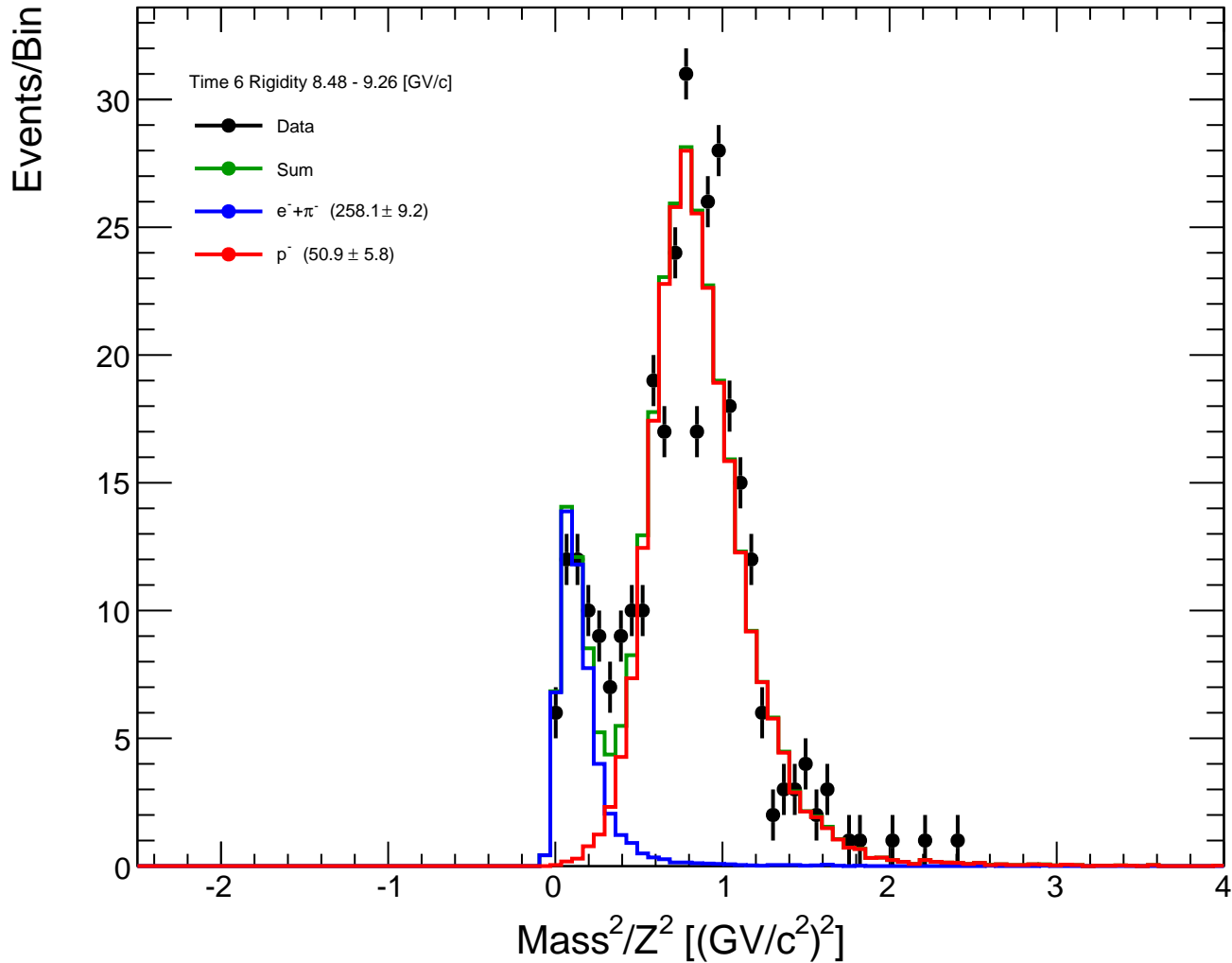


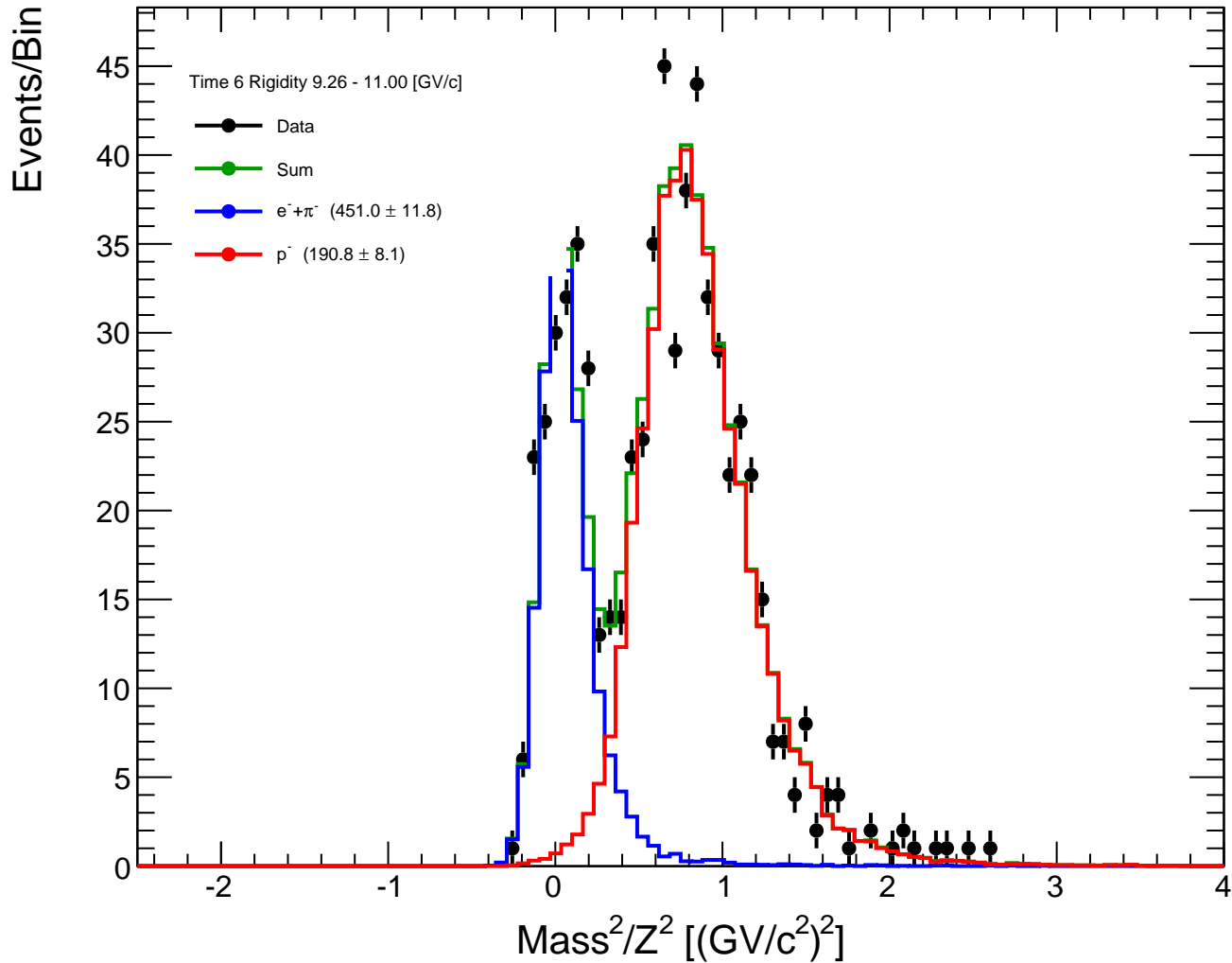


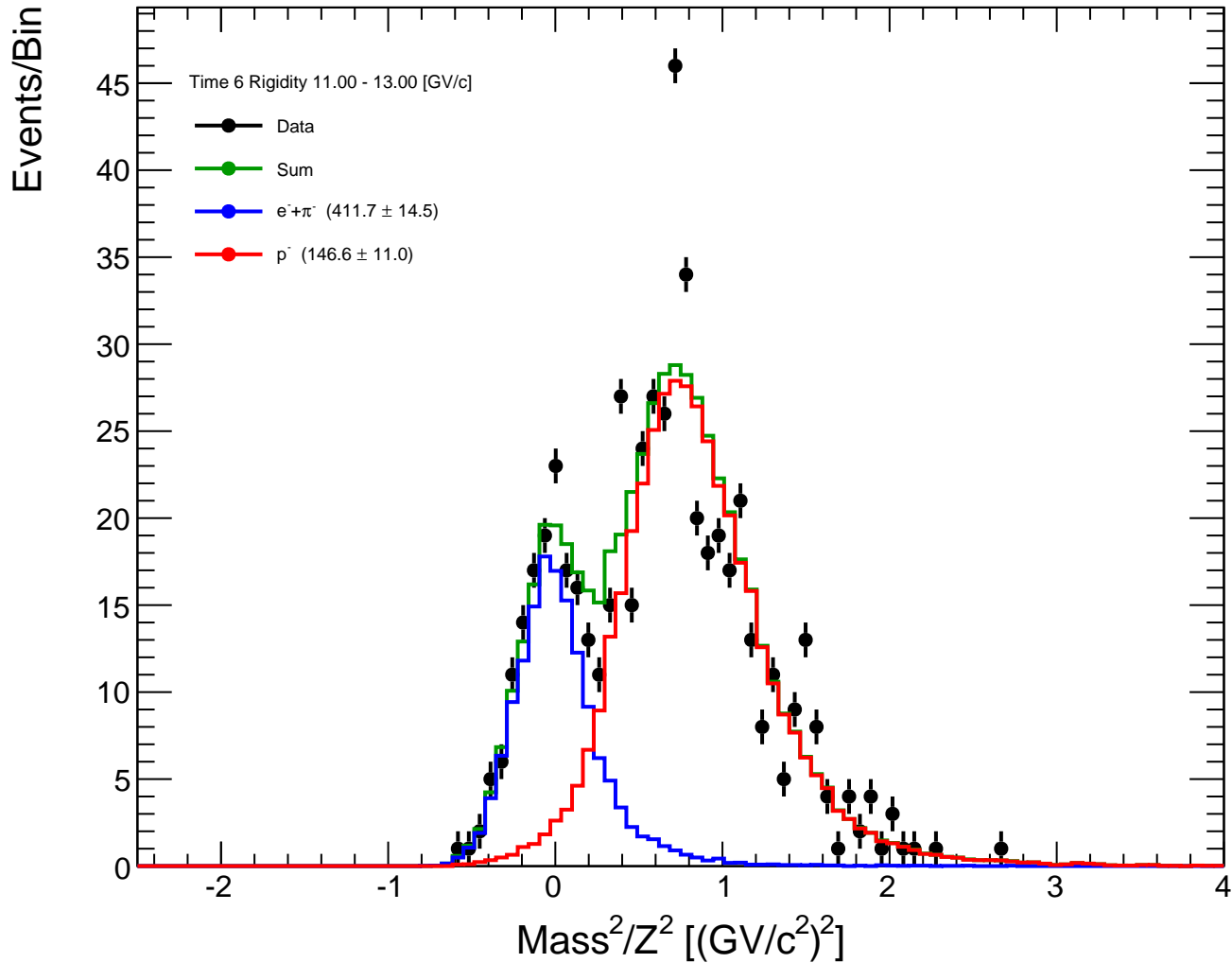




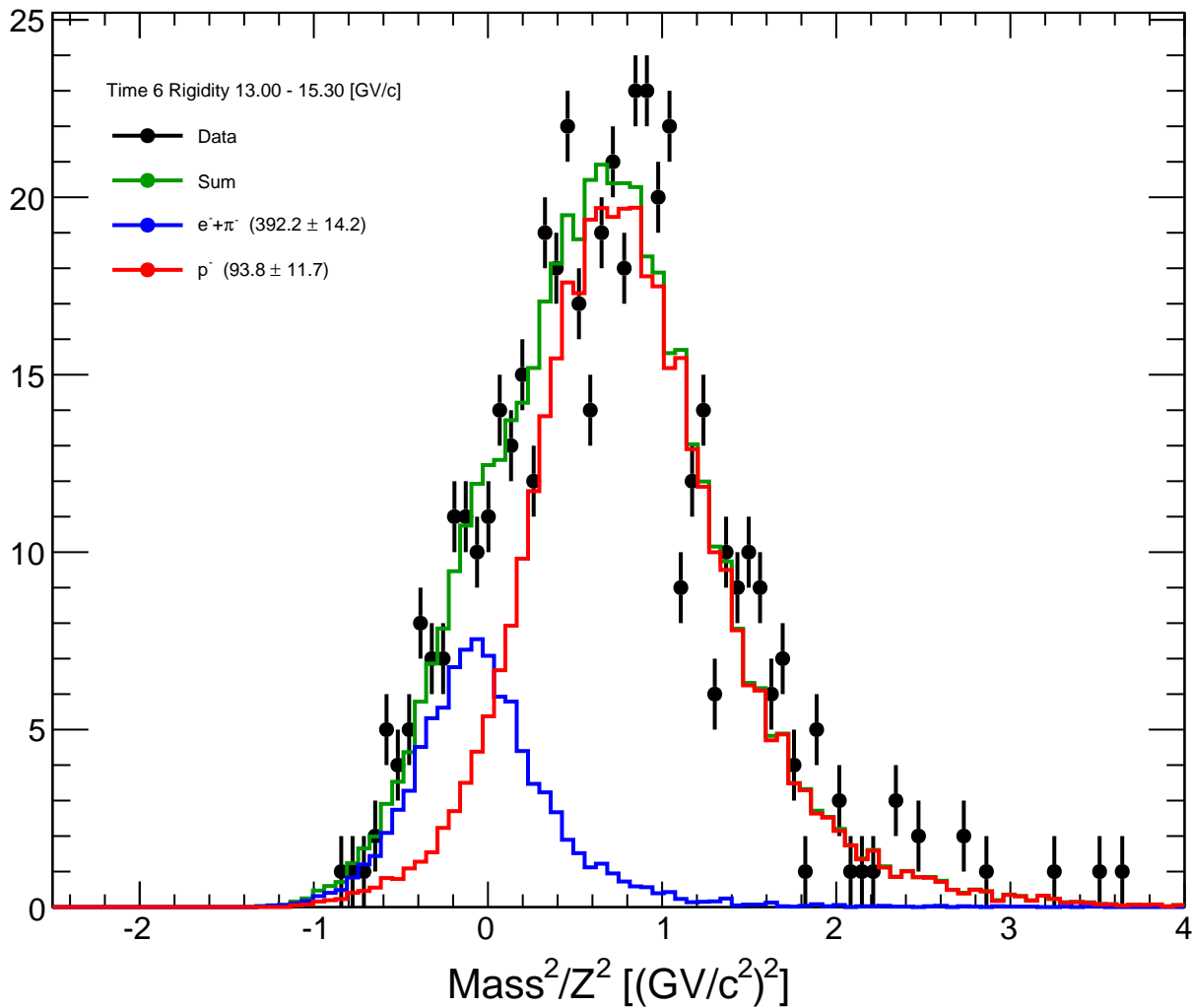


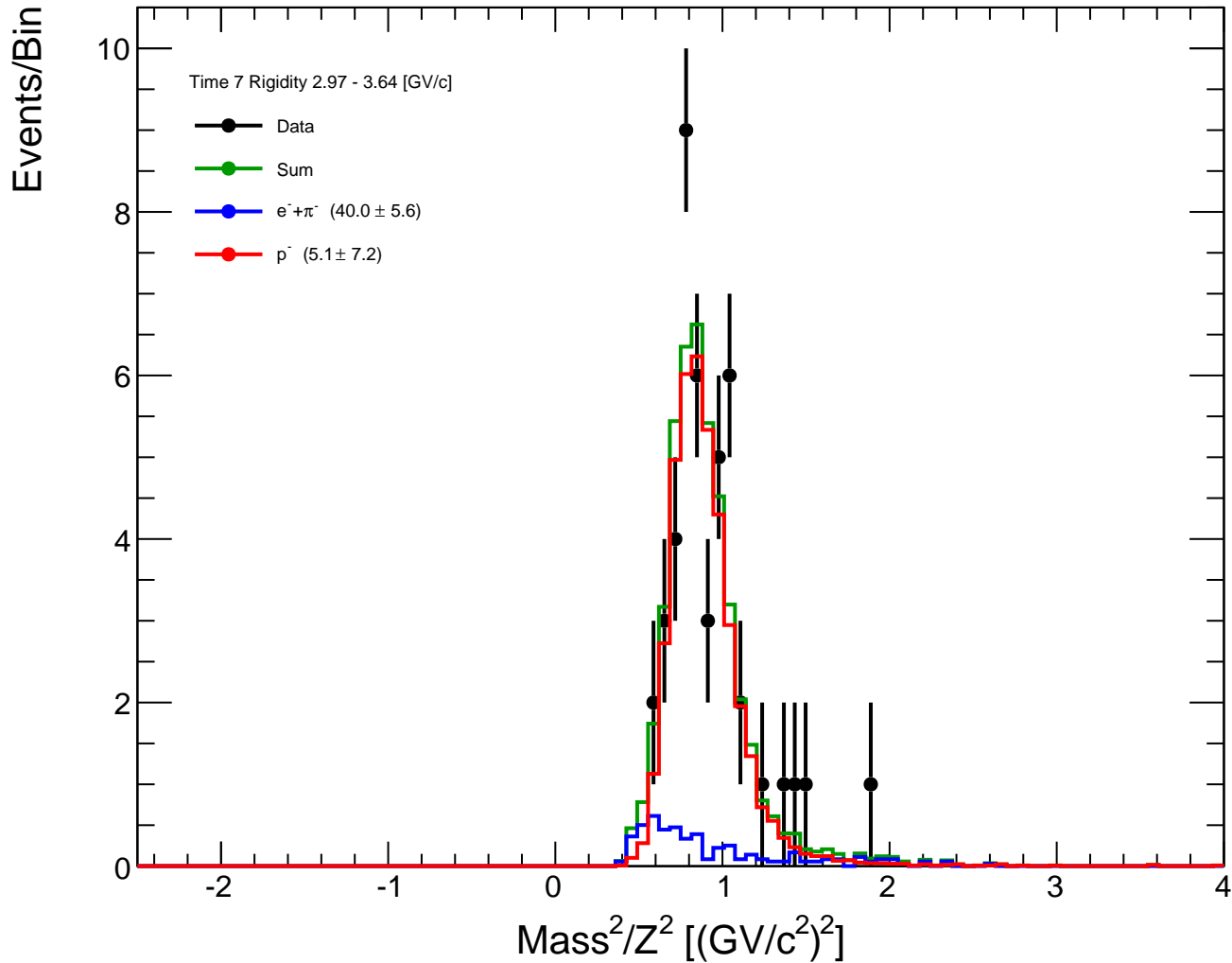


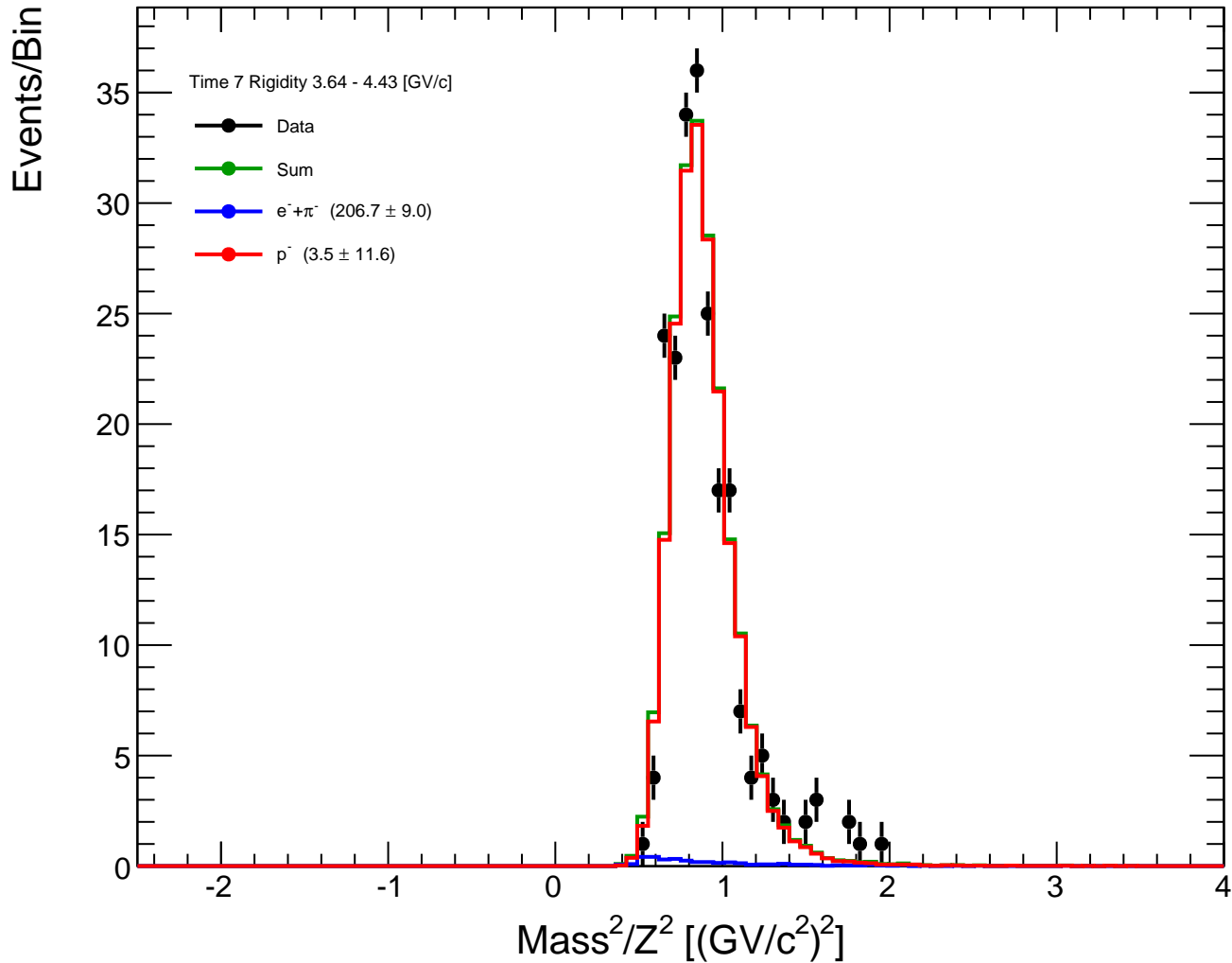


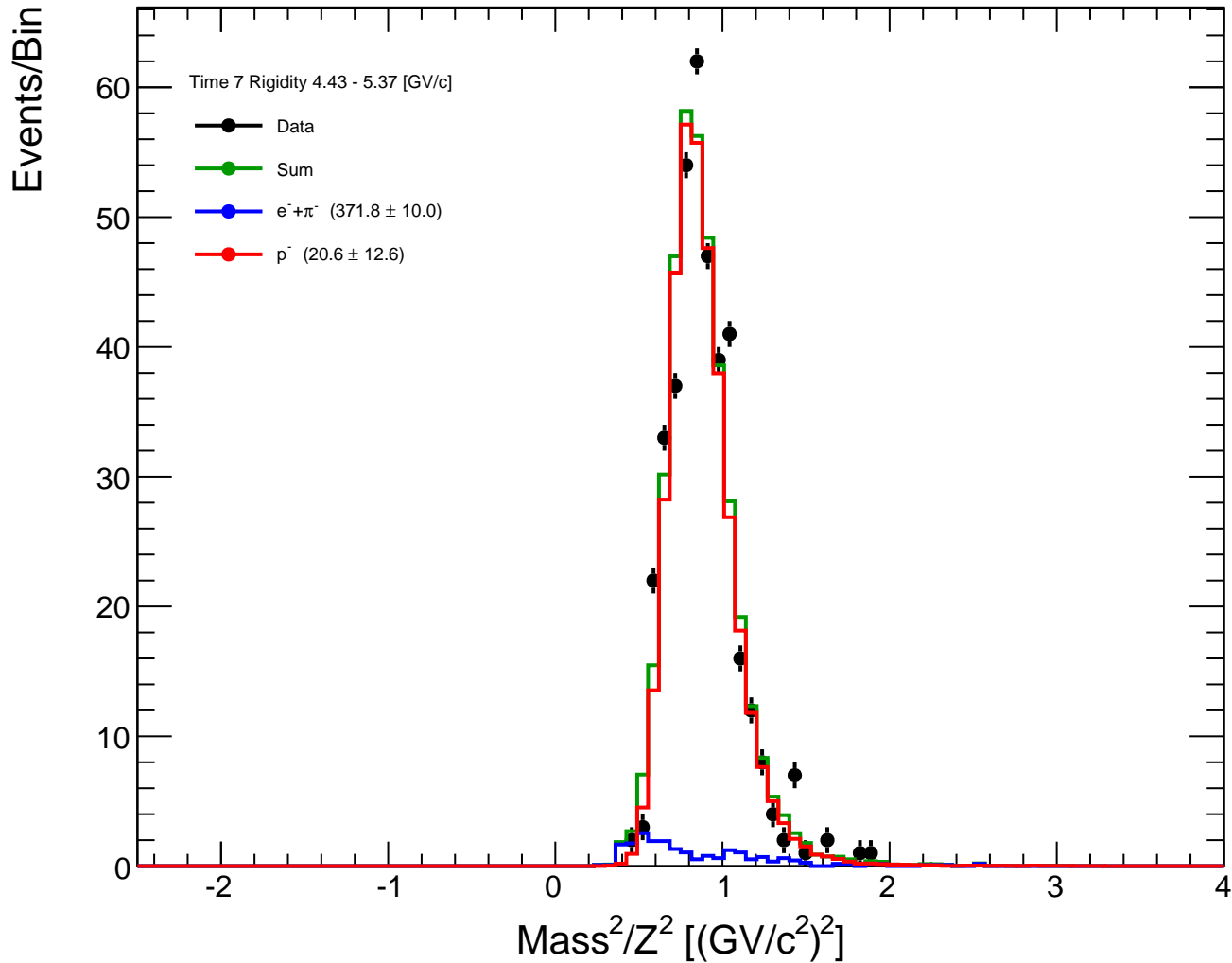


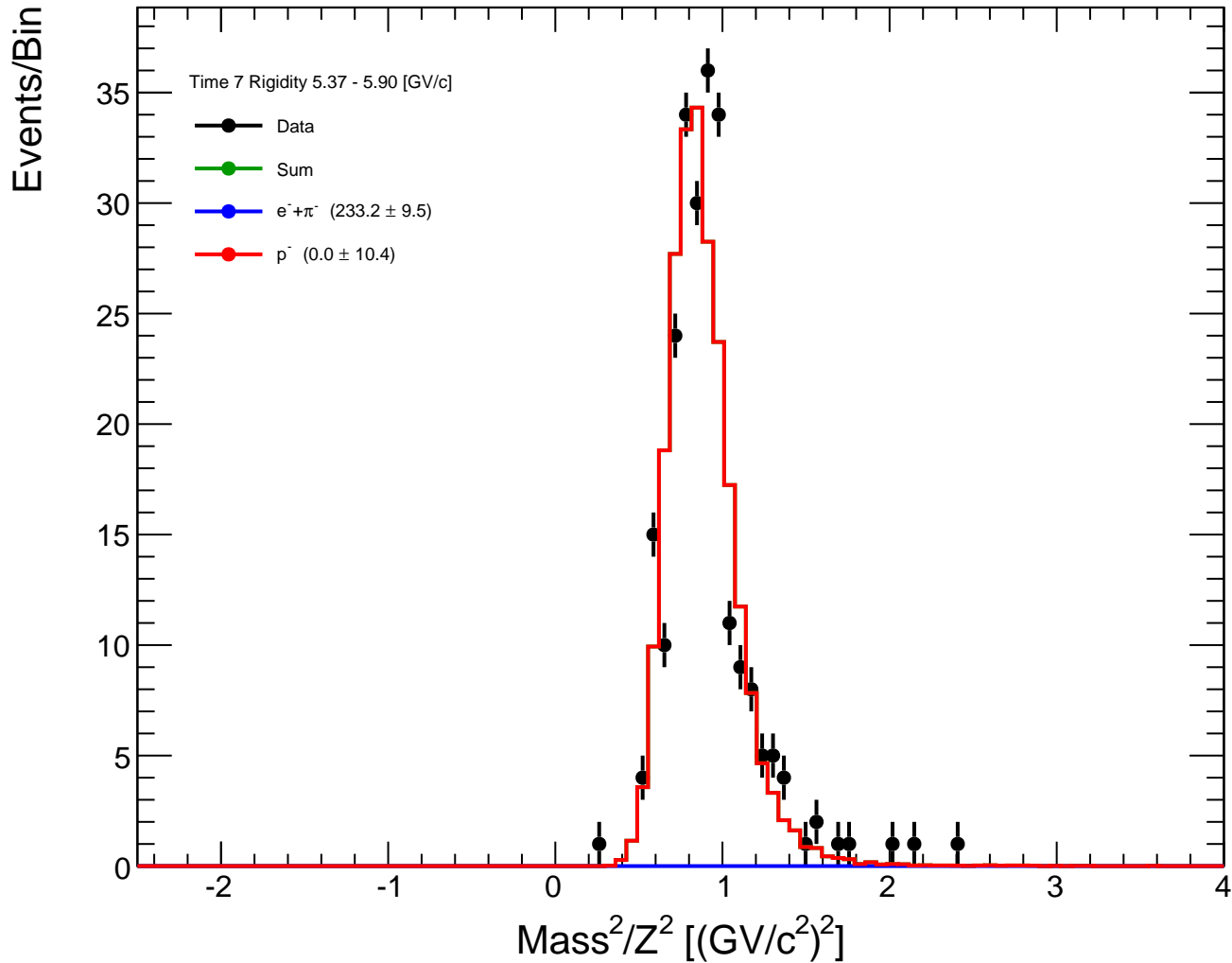
Events/Bin



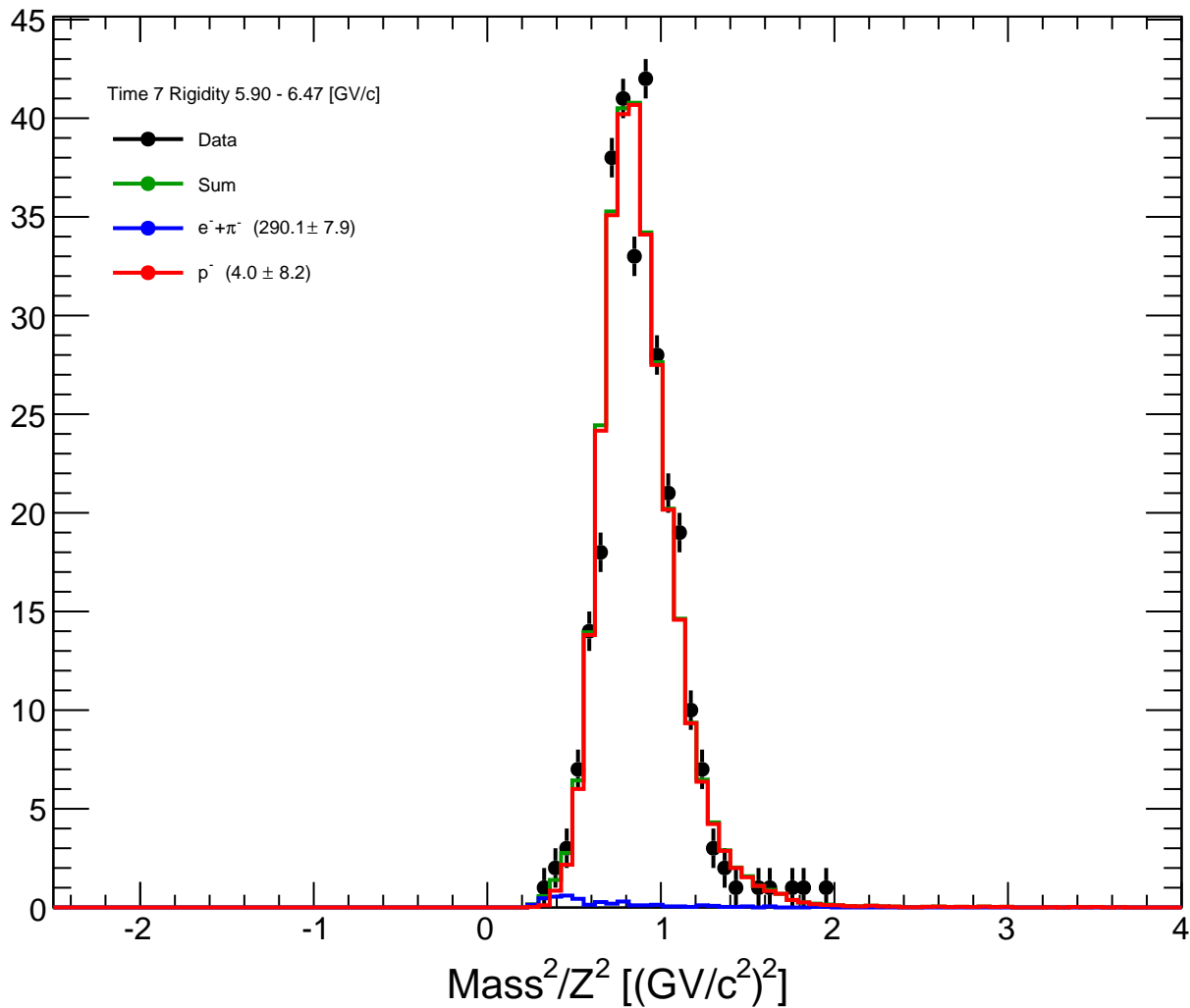




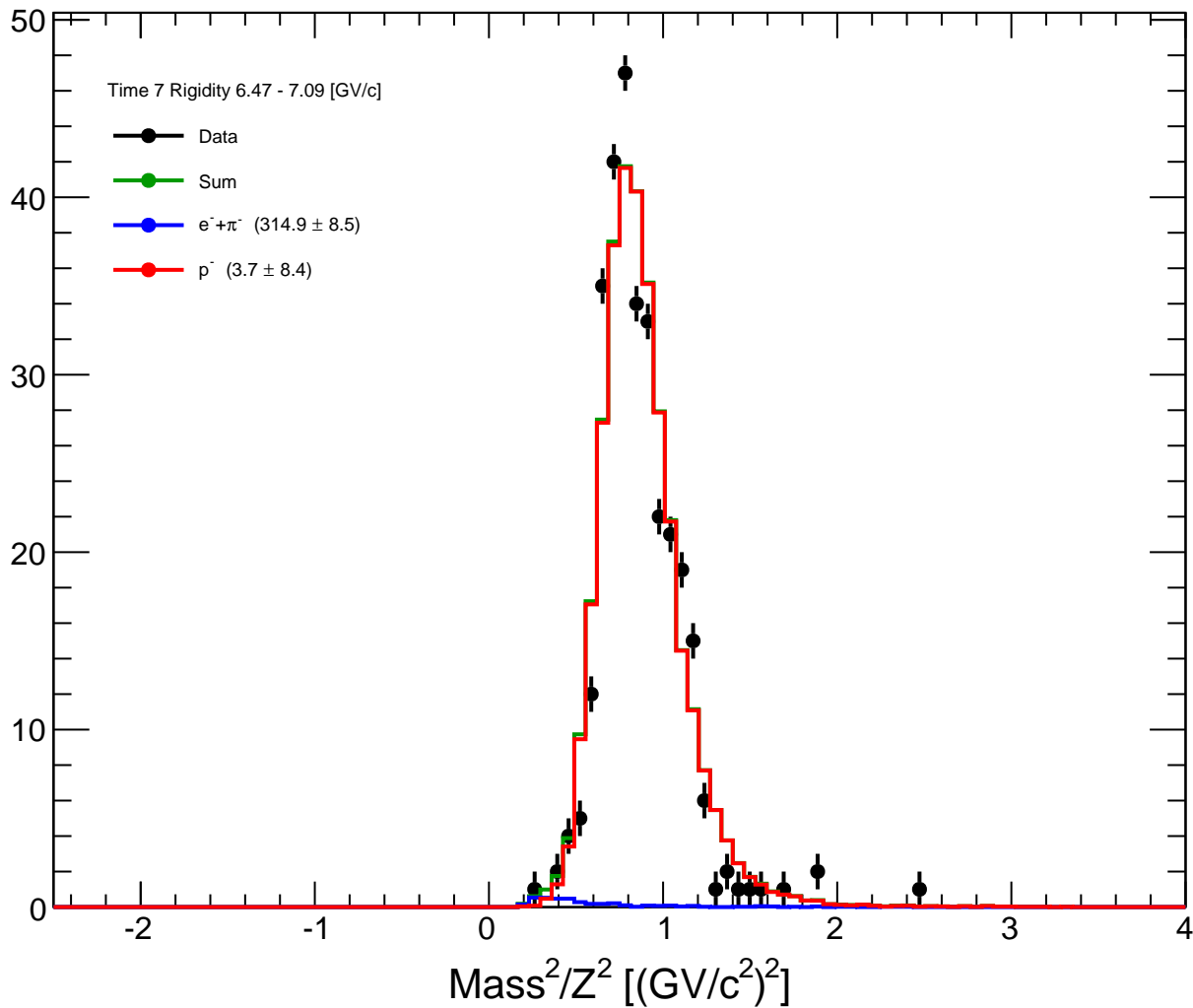


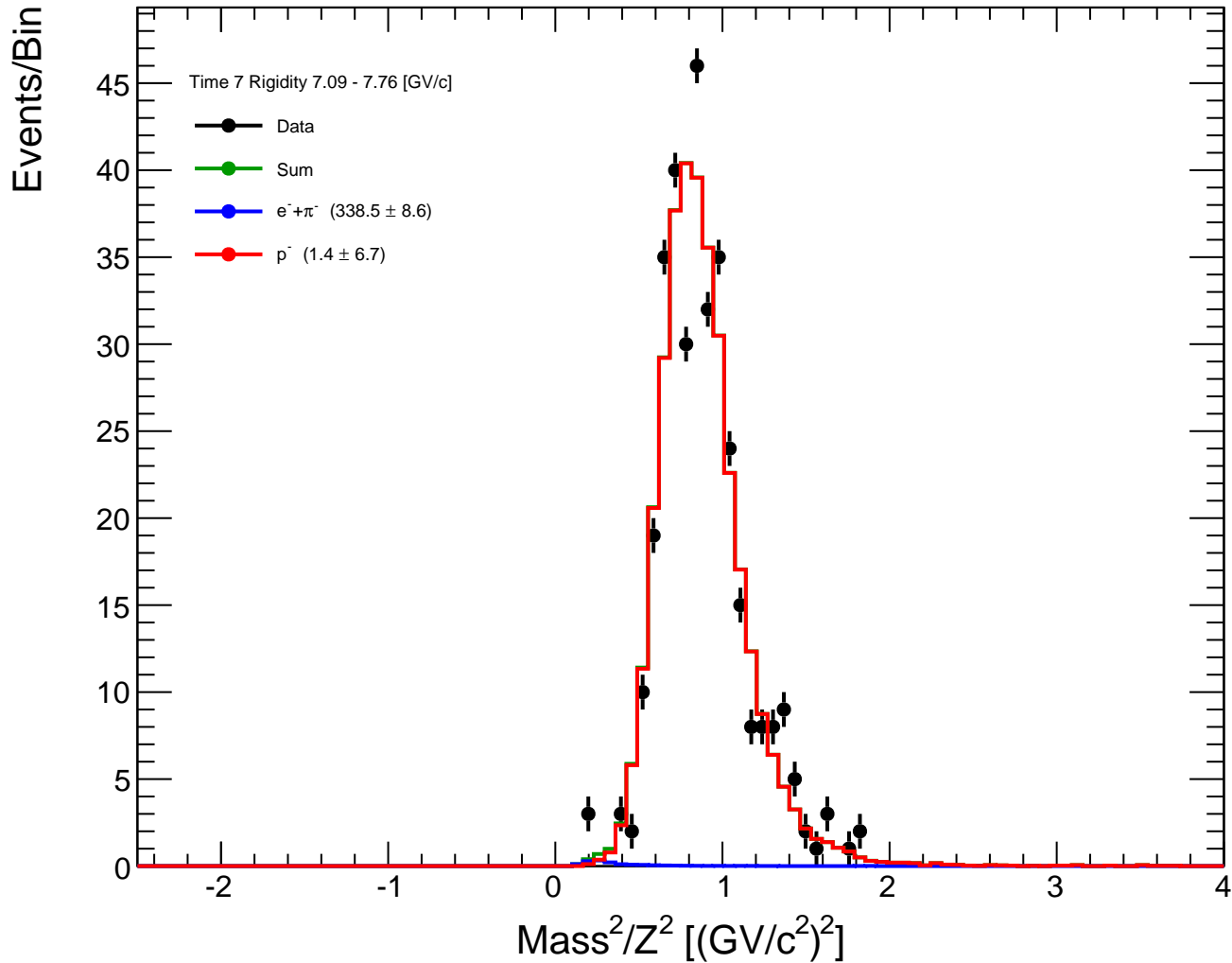


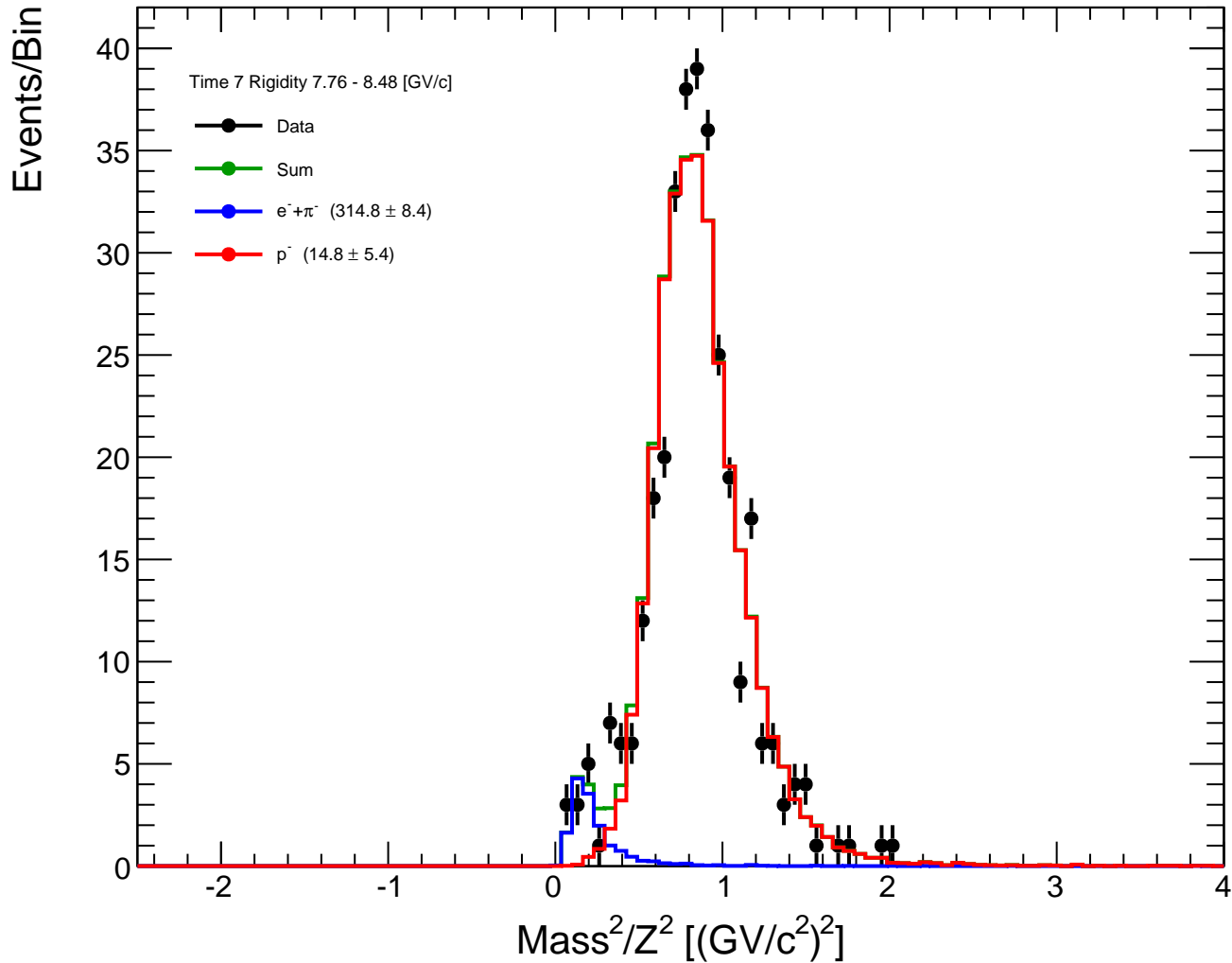
Events/Bin

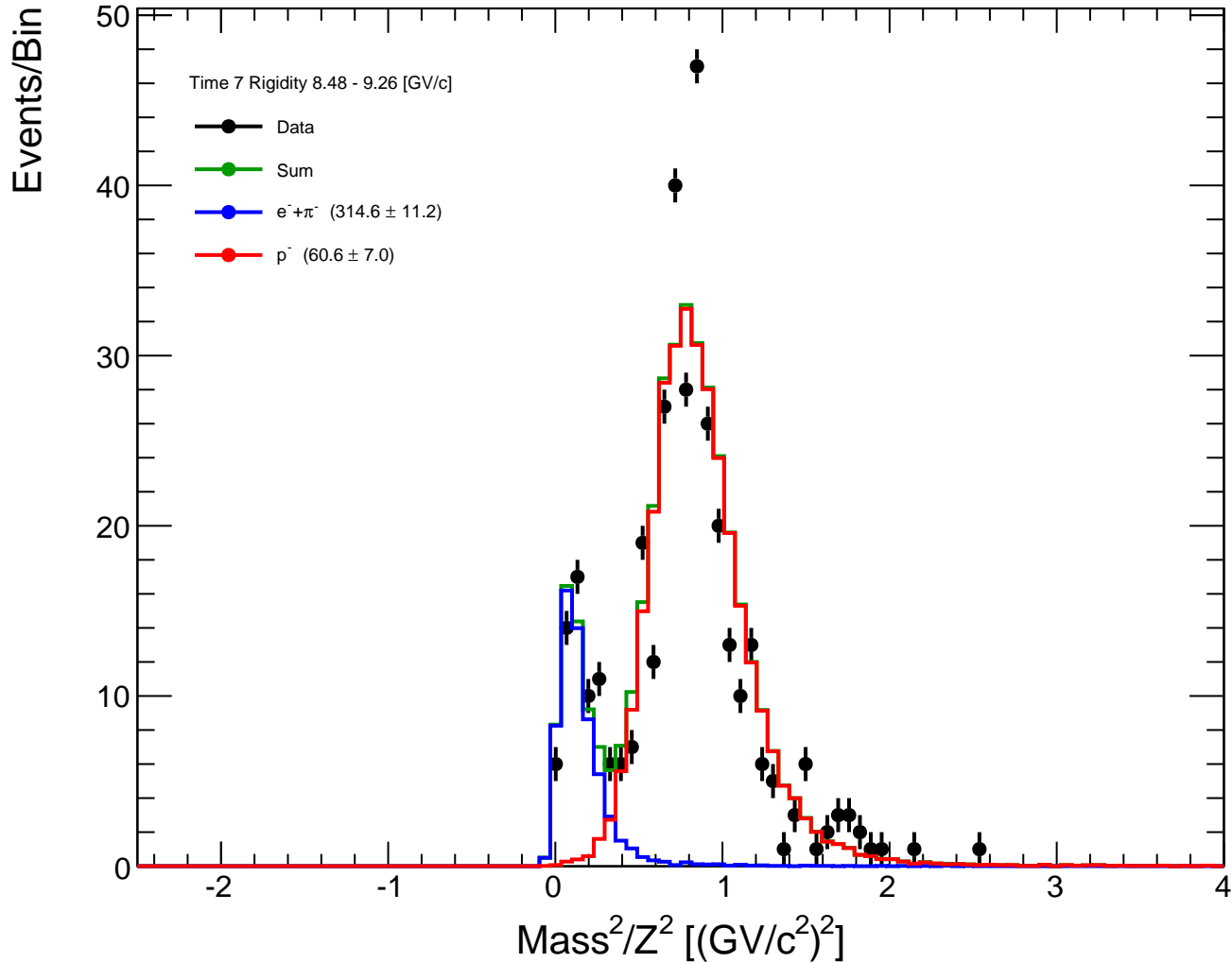


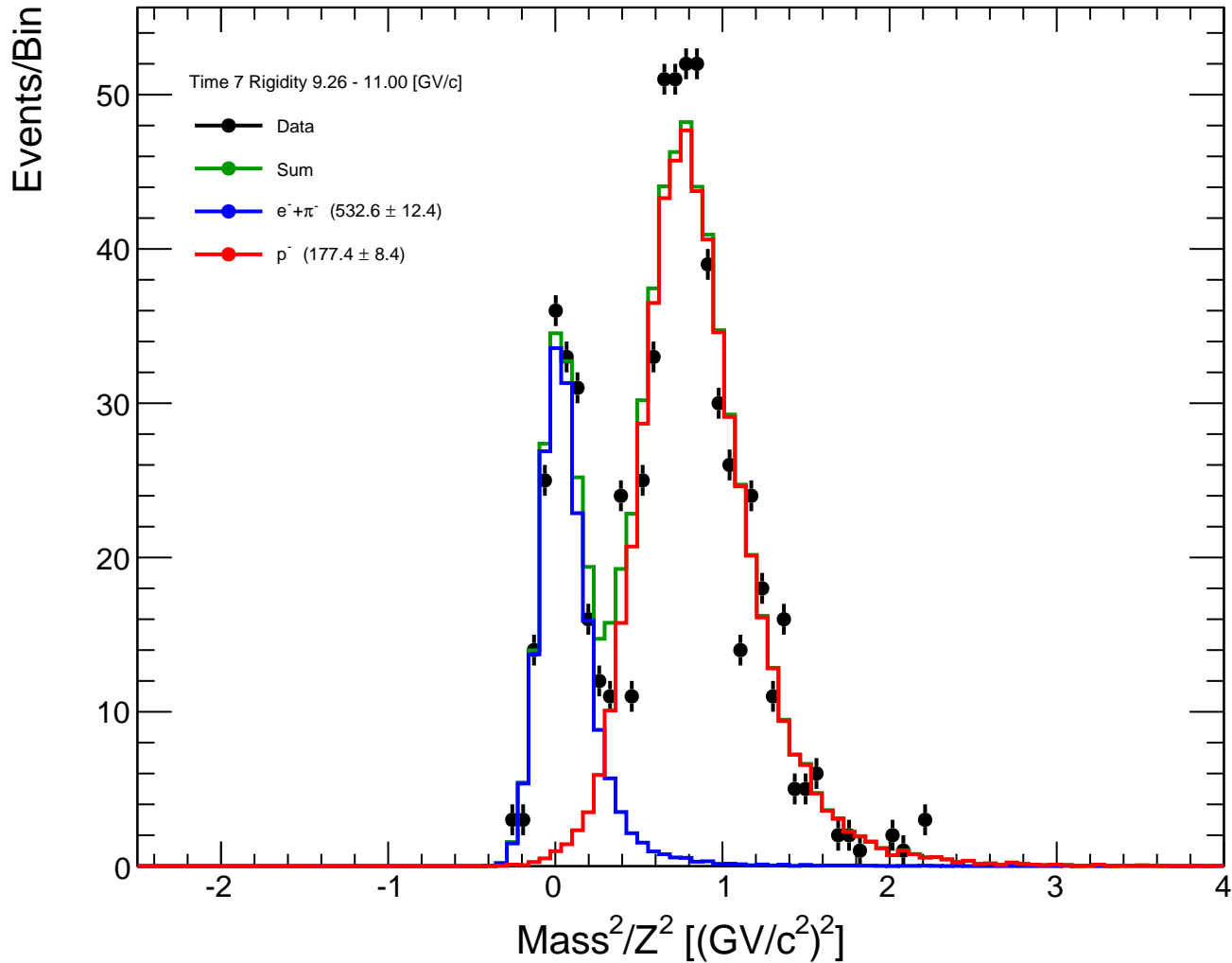
Events/Bin



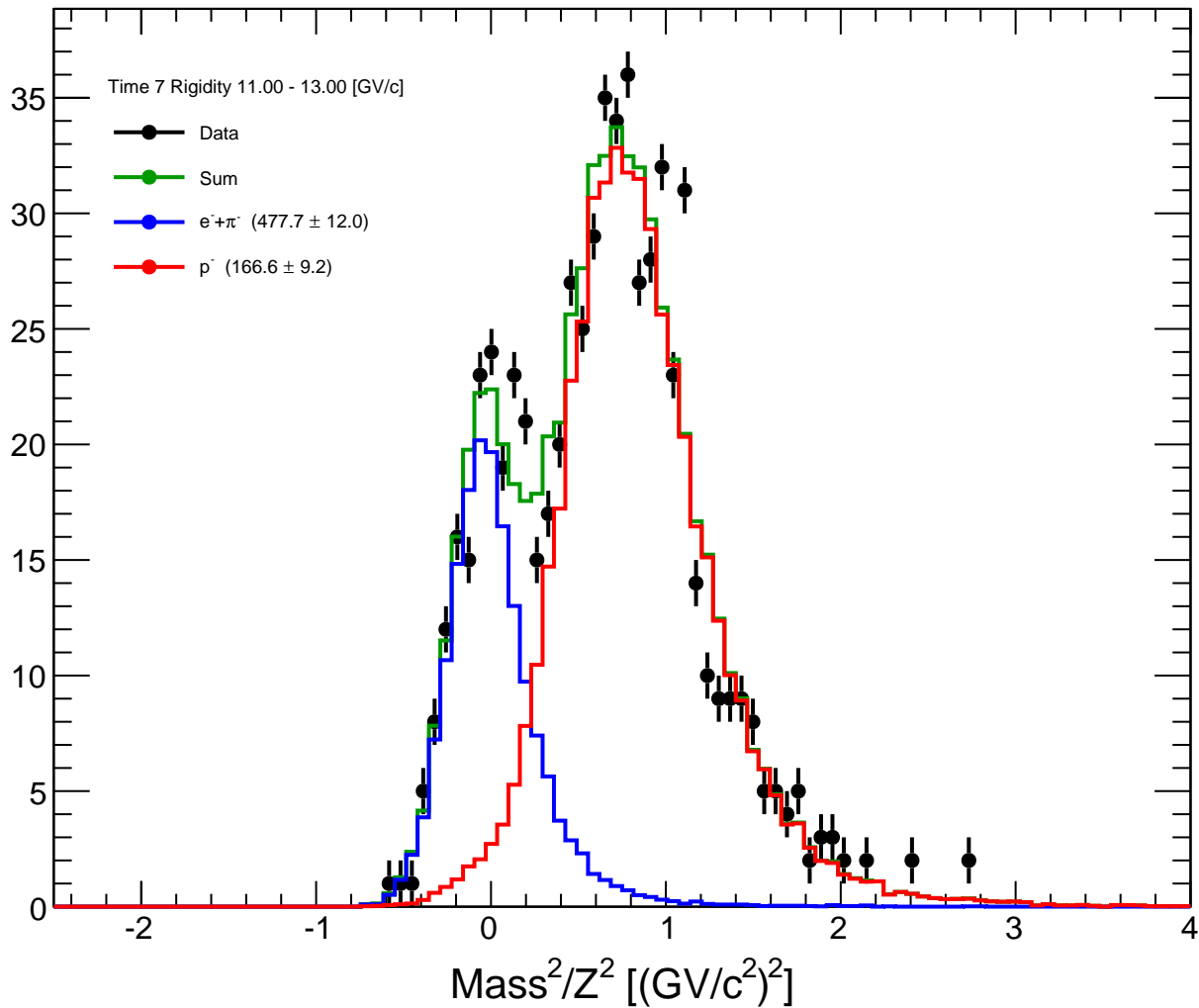


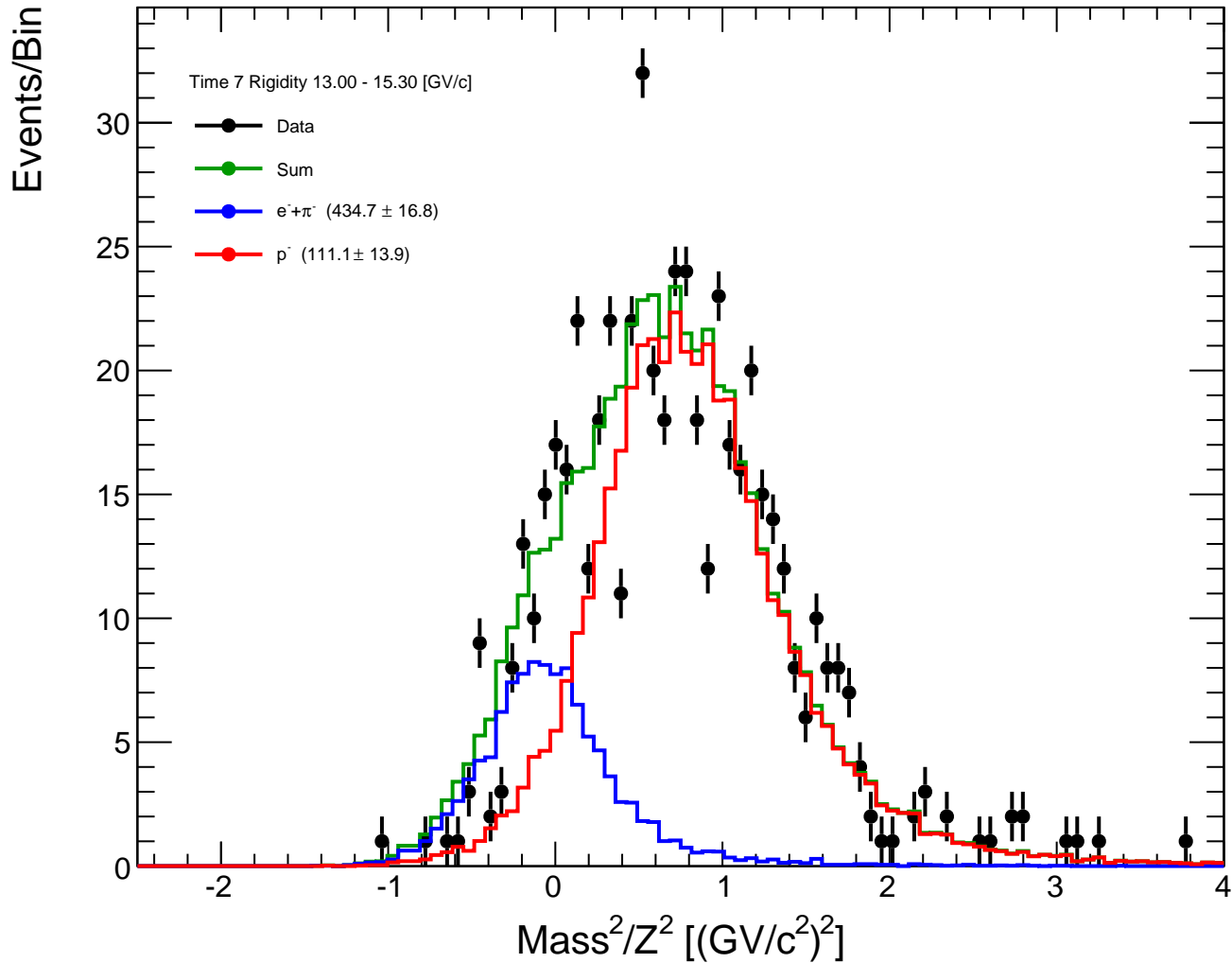


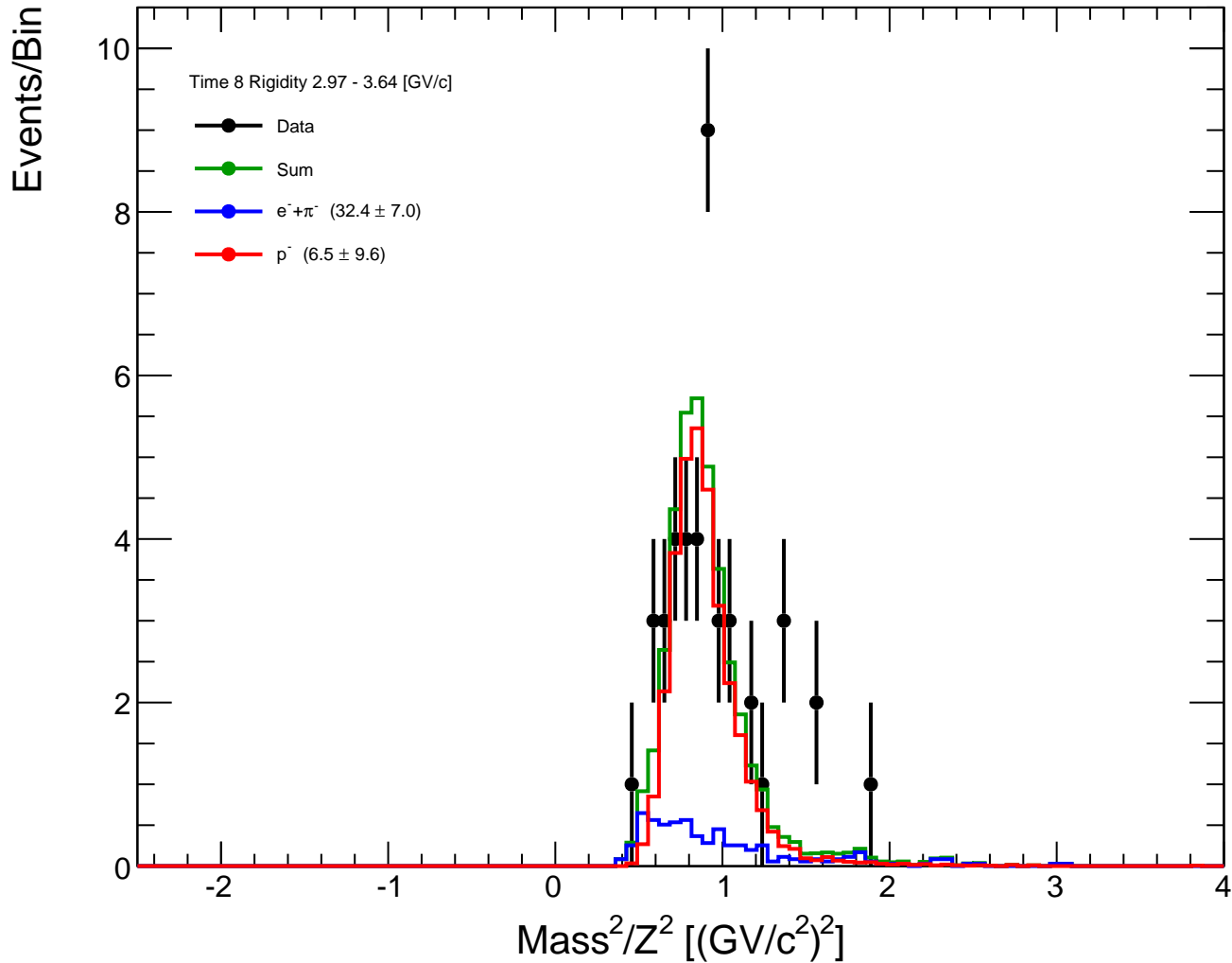


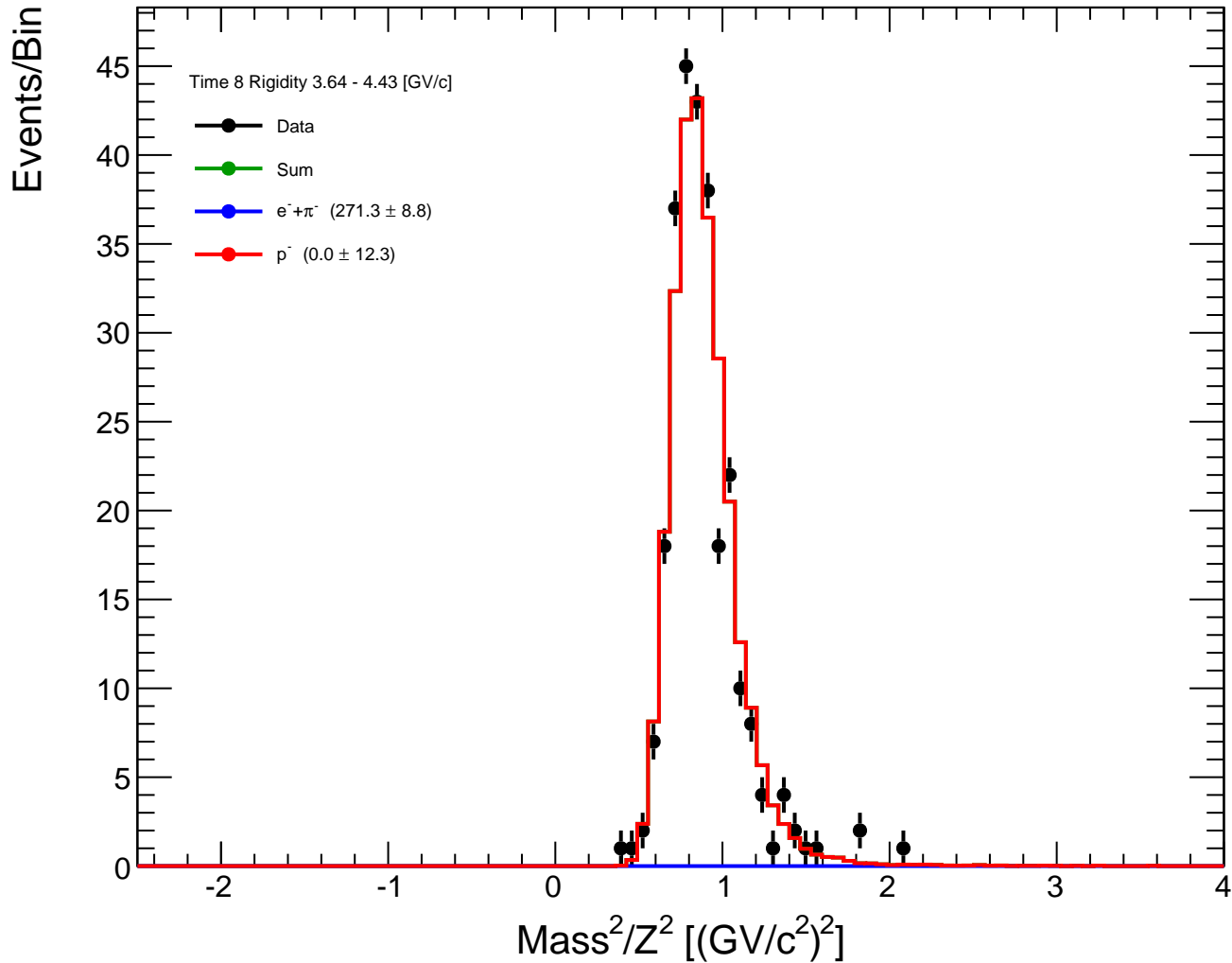


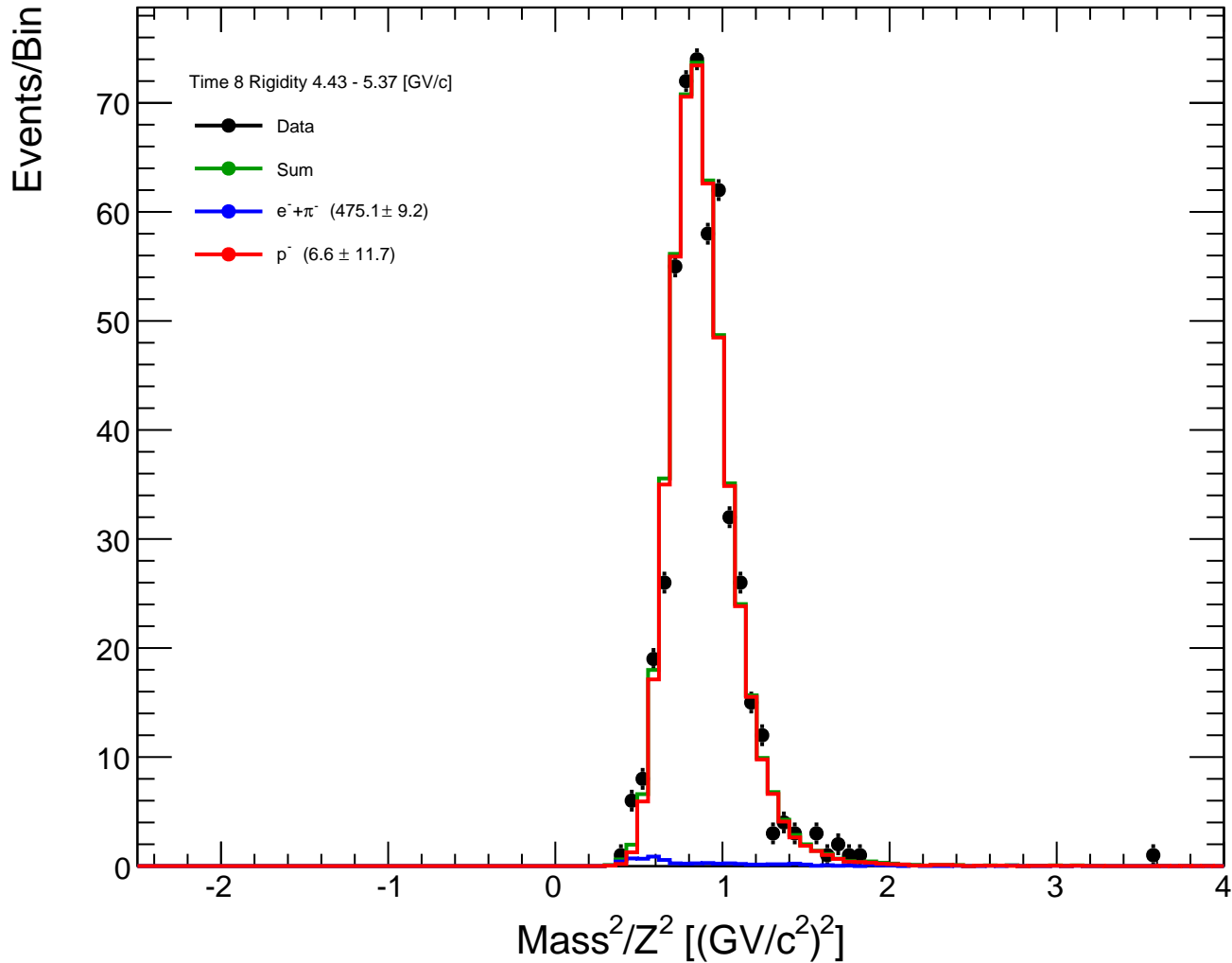
Events/Bin

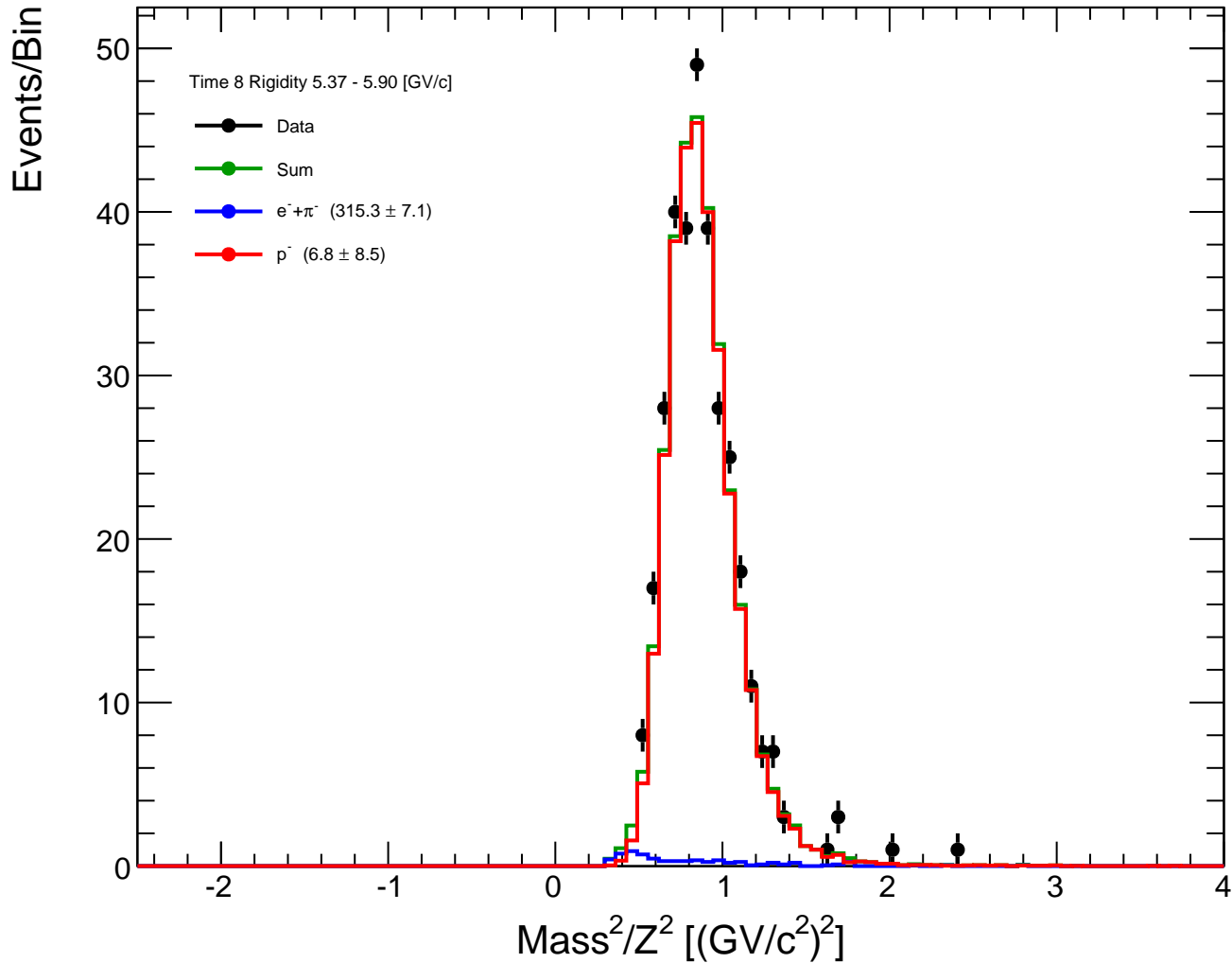


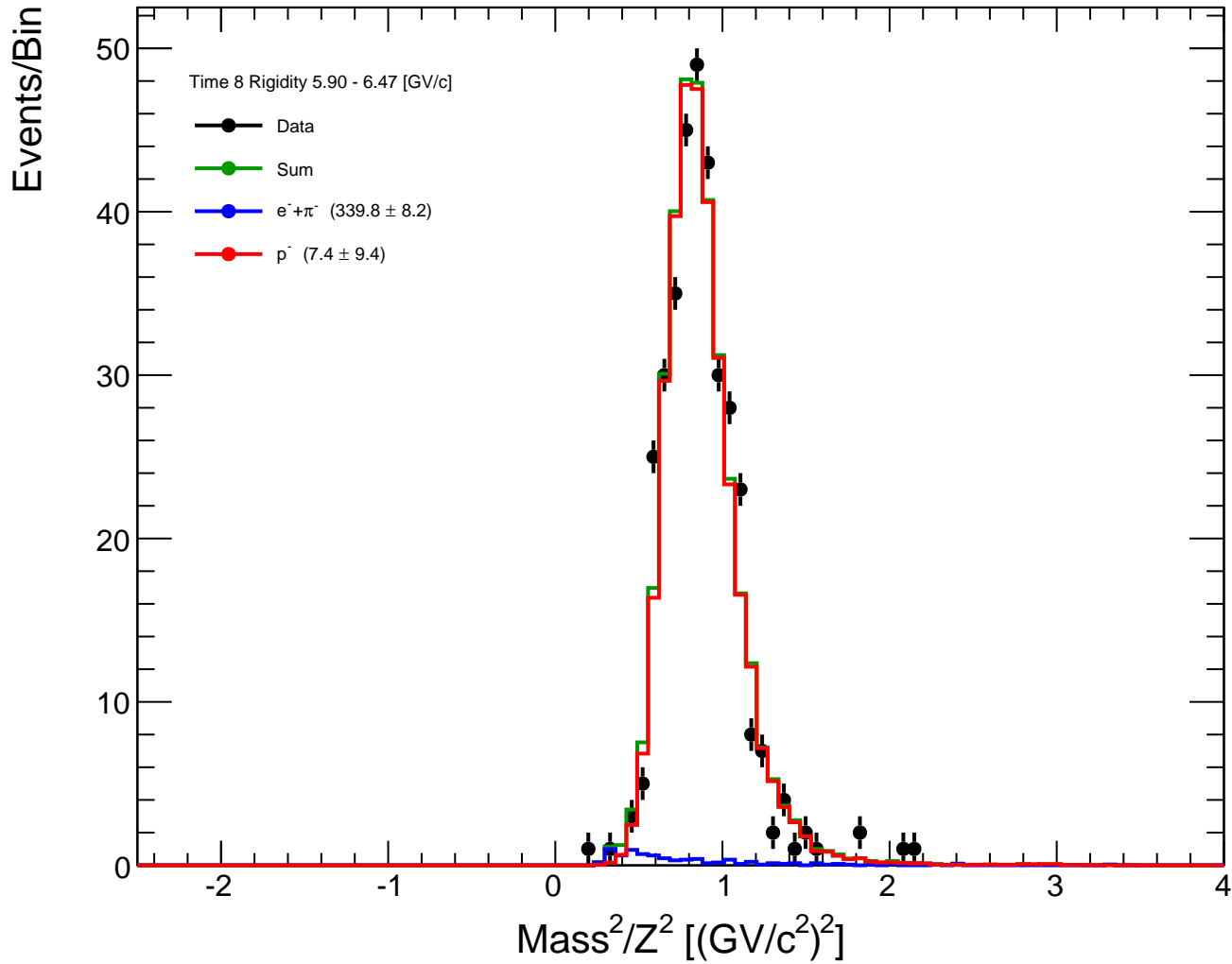


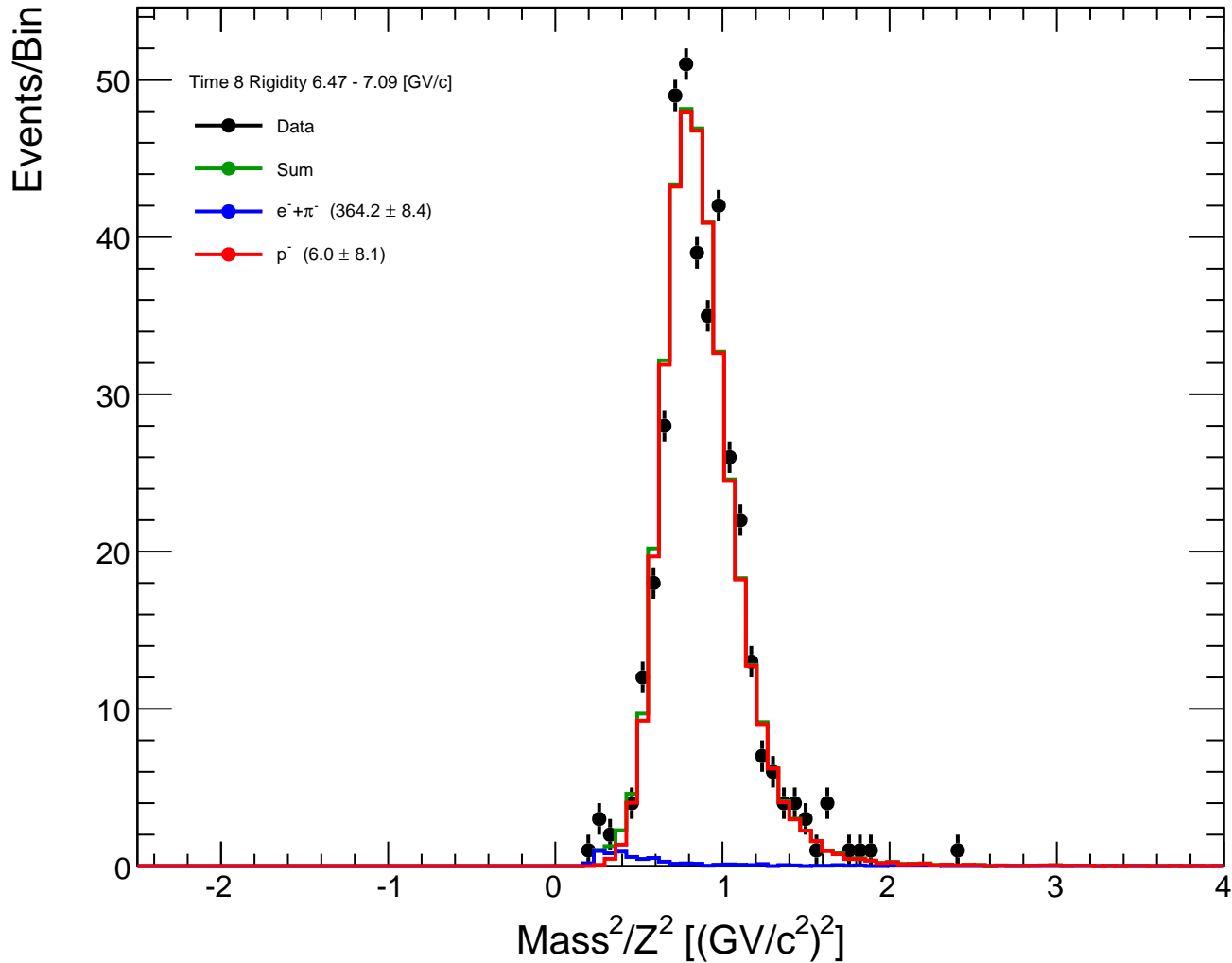


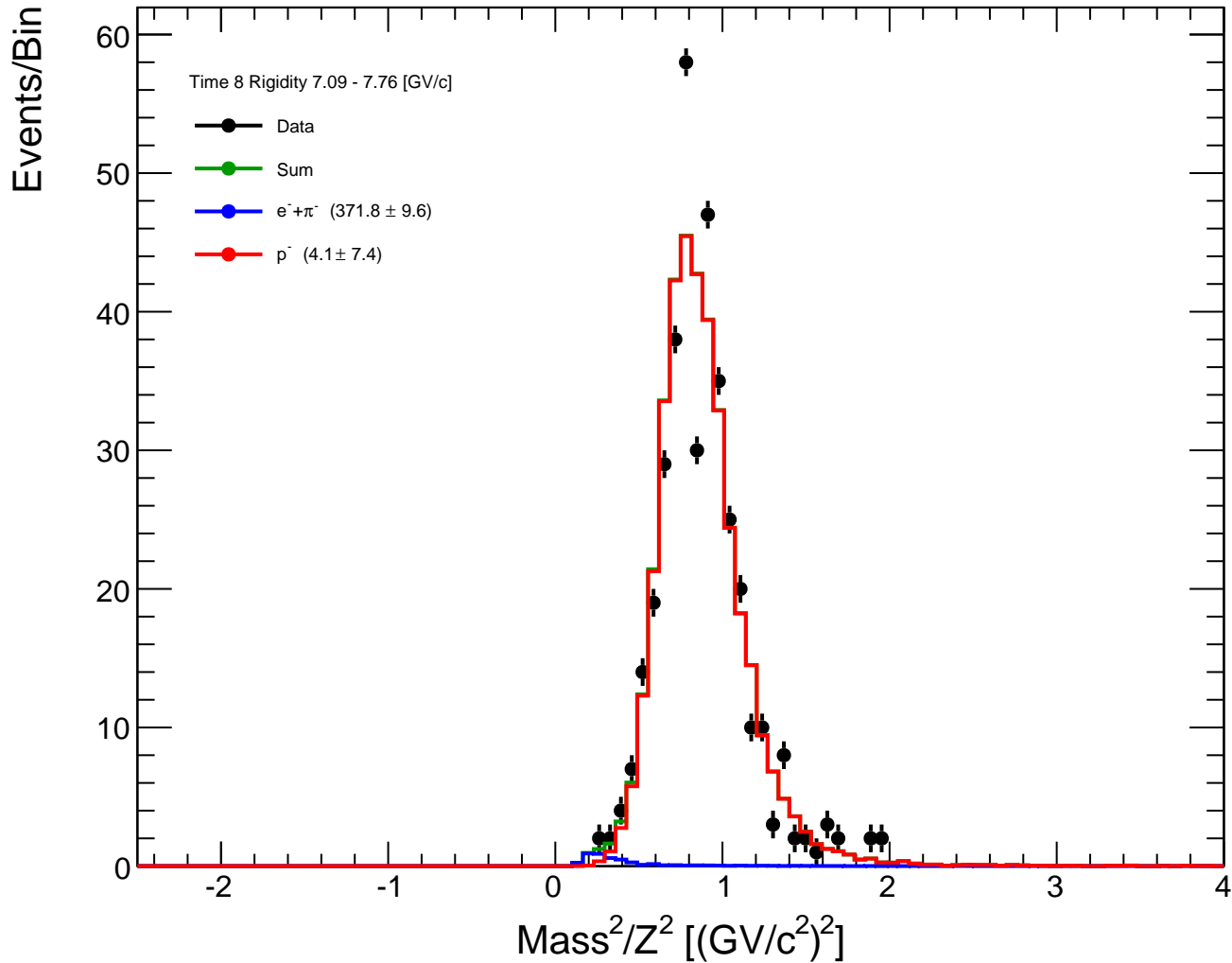


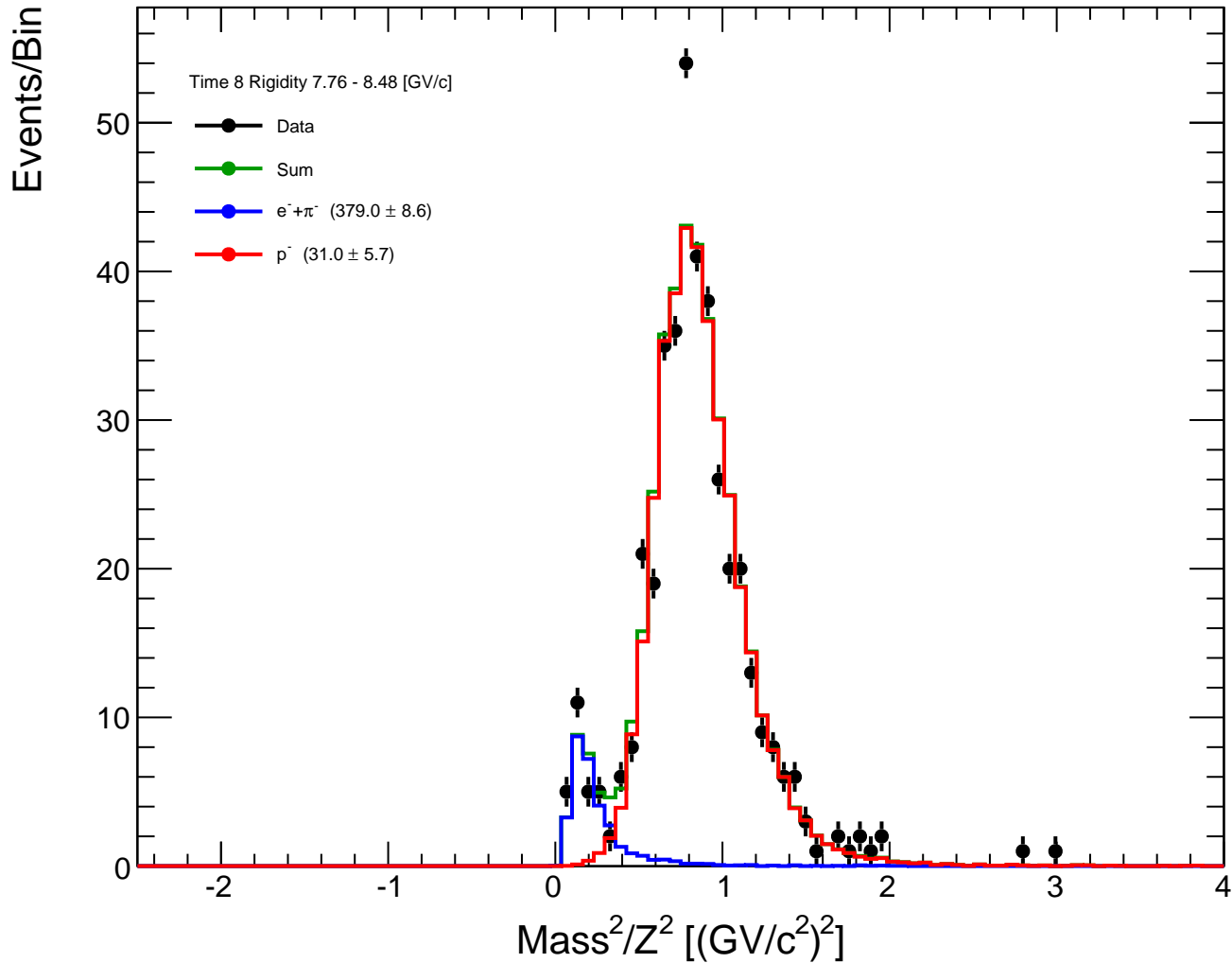


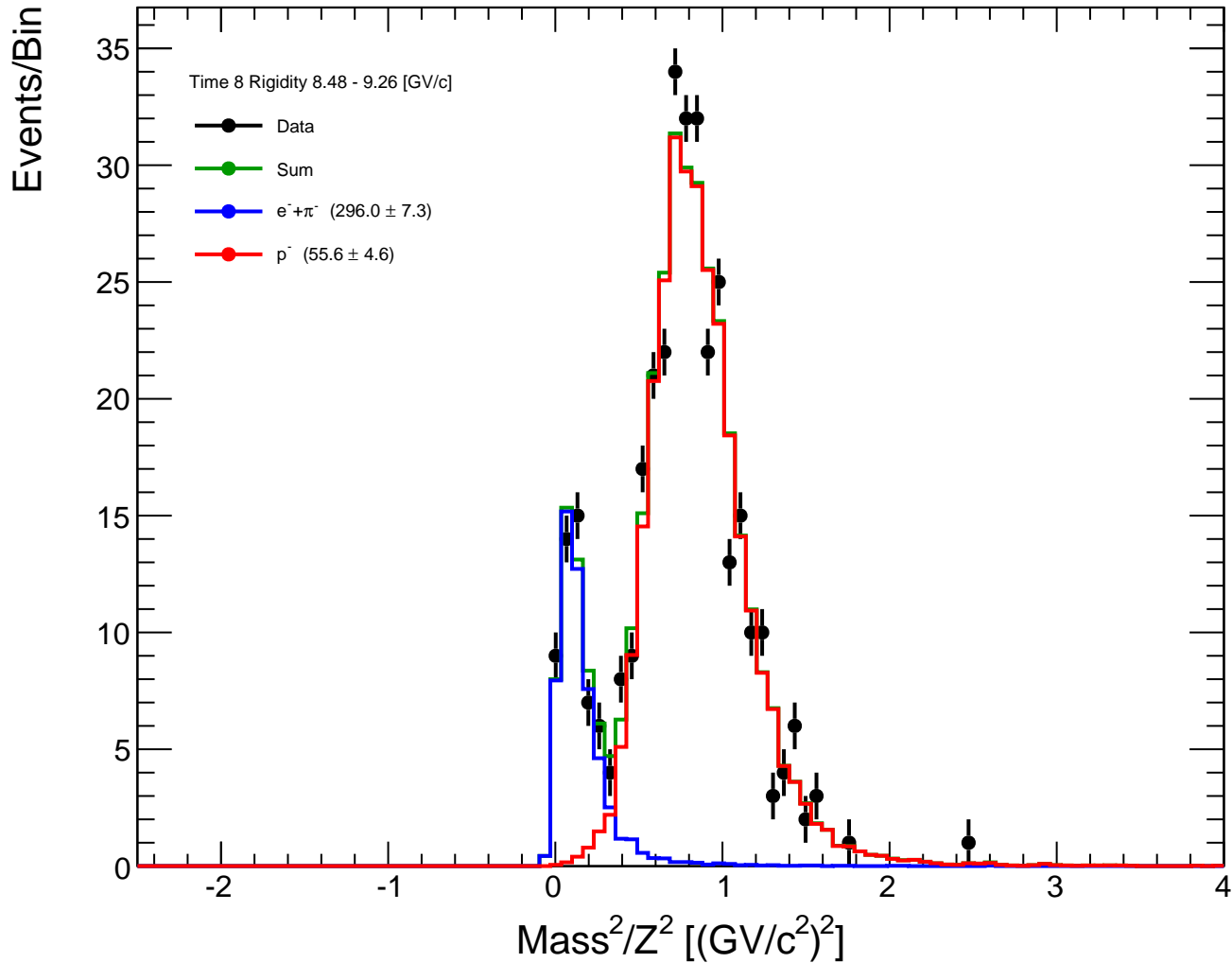


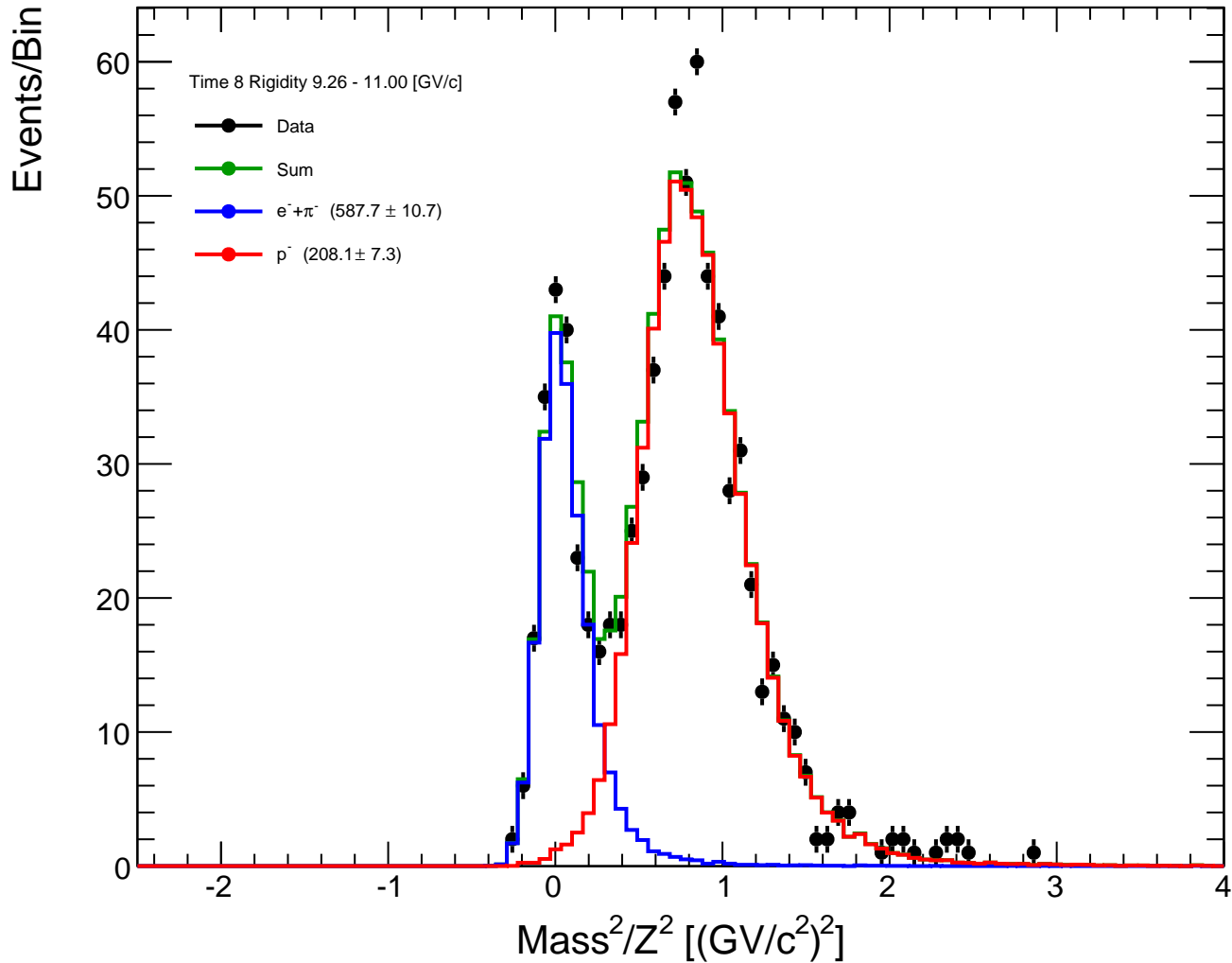




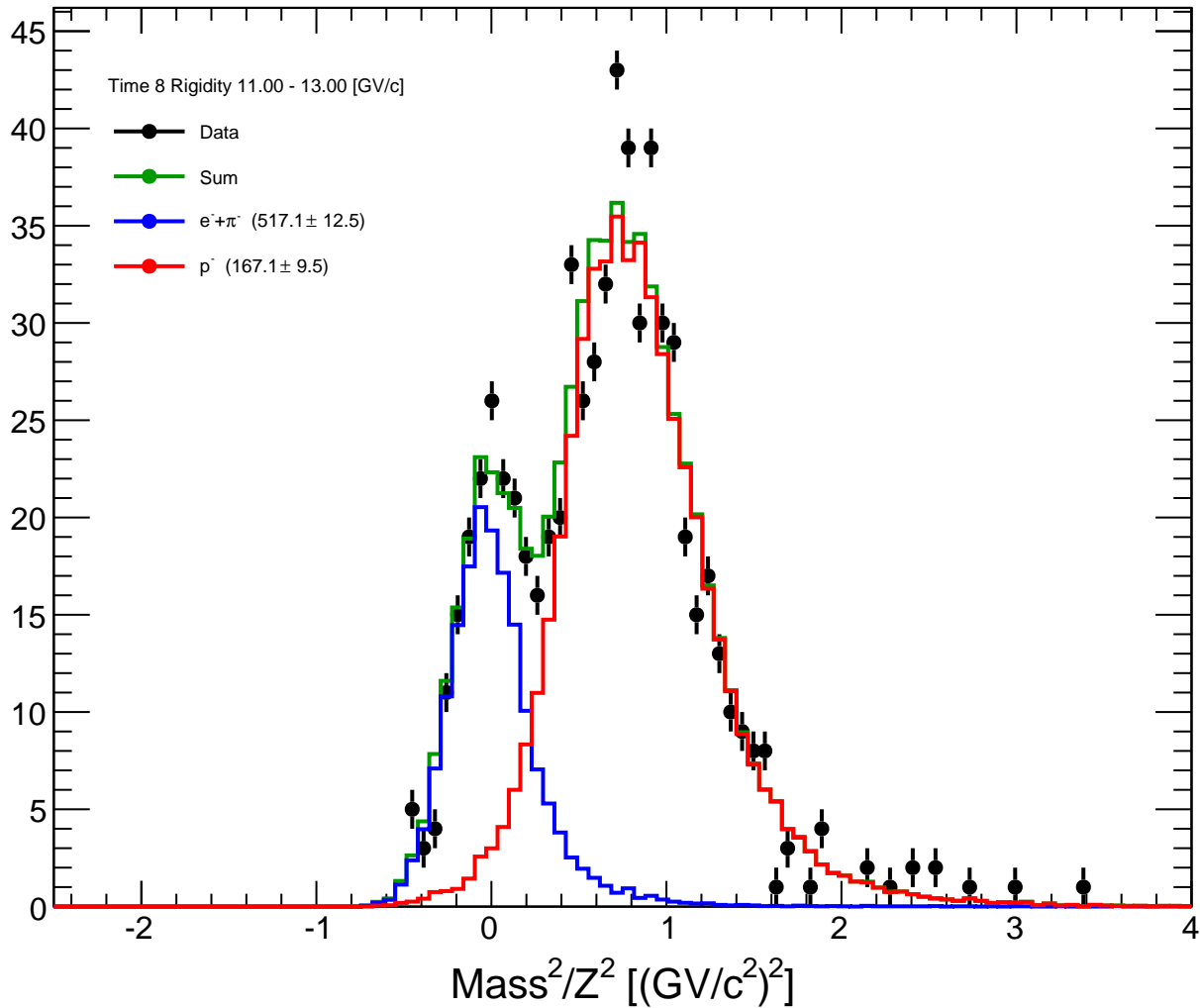


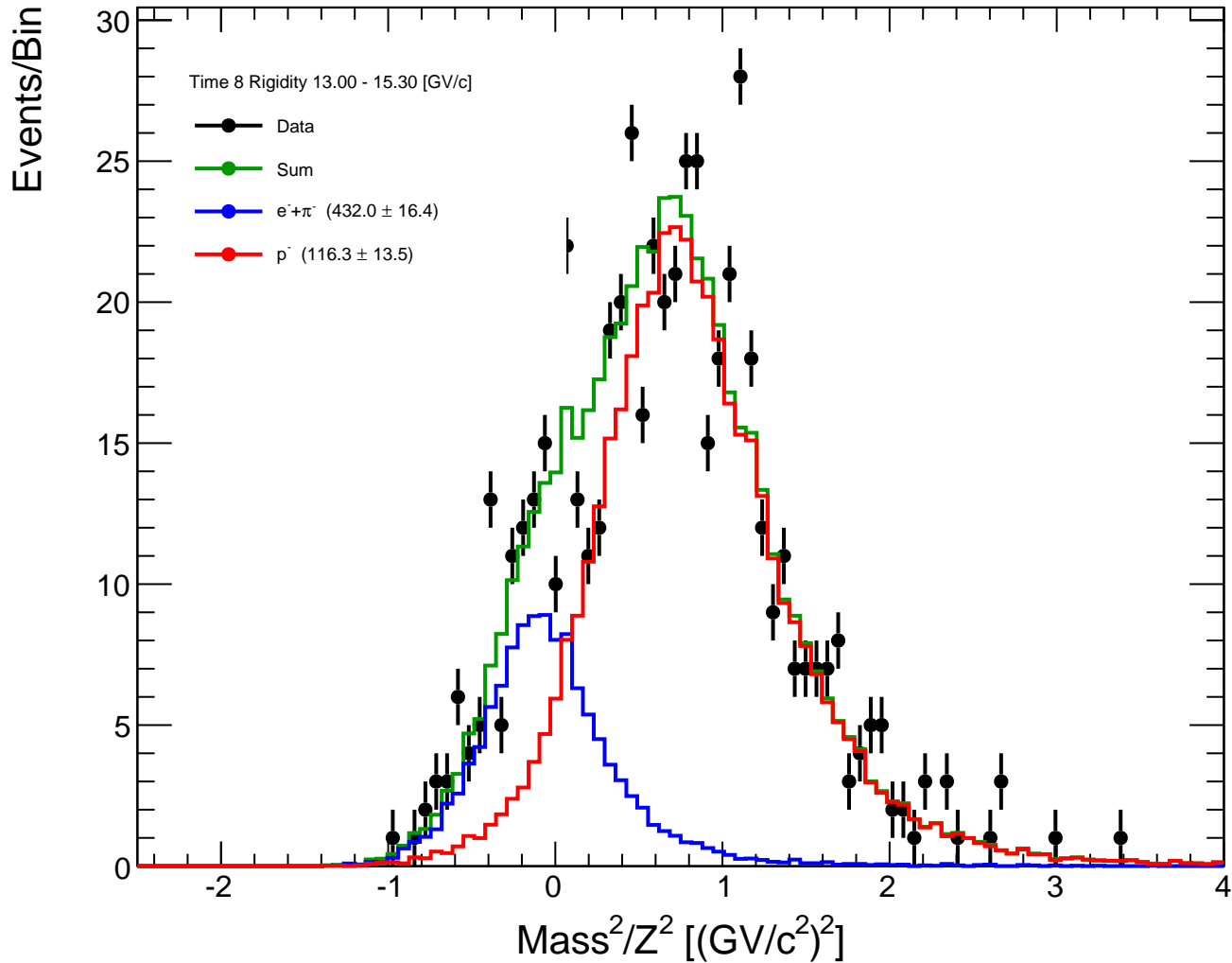


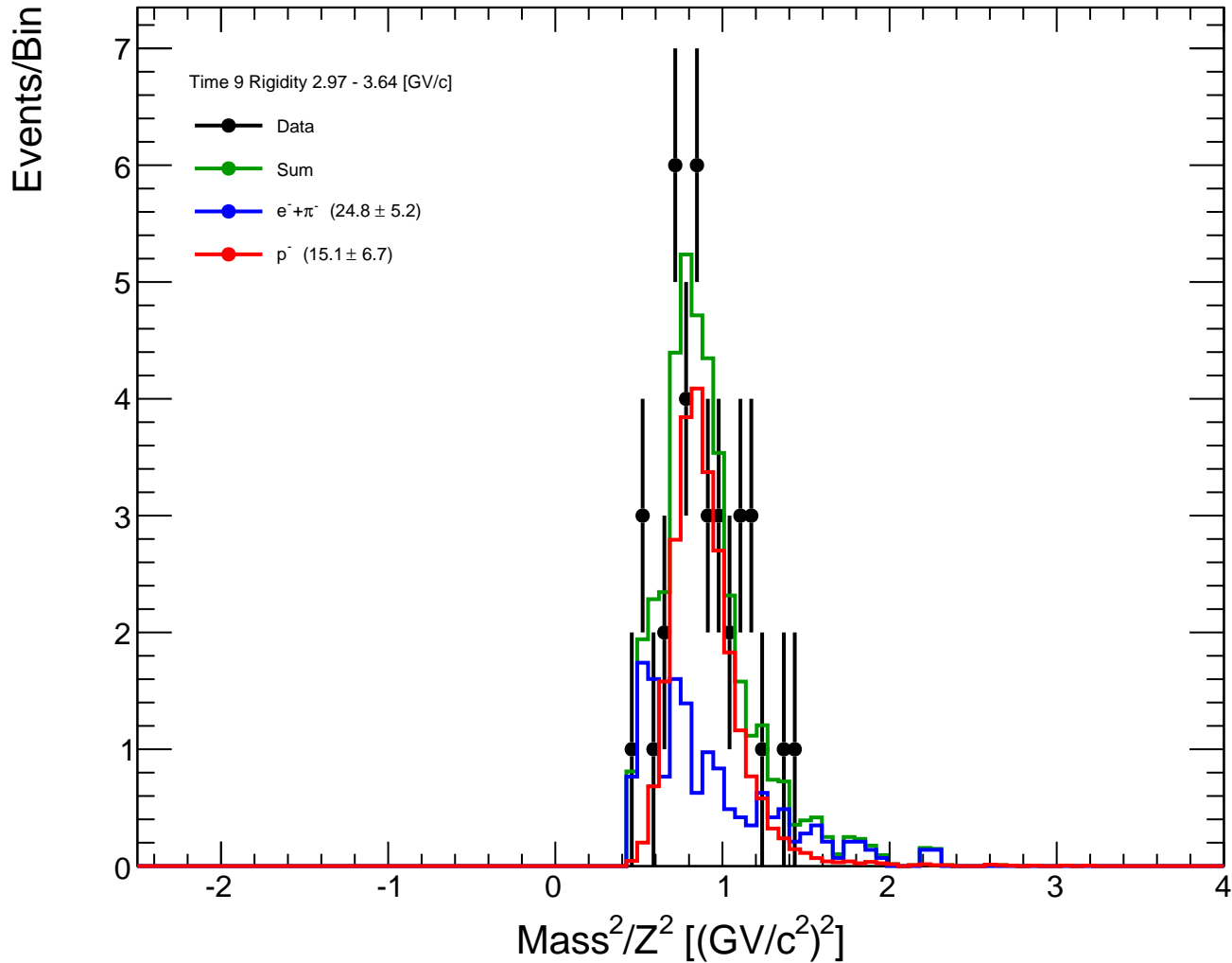


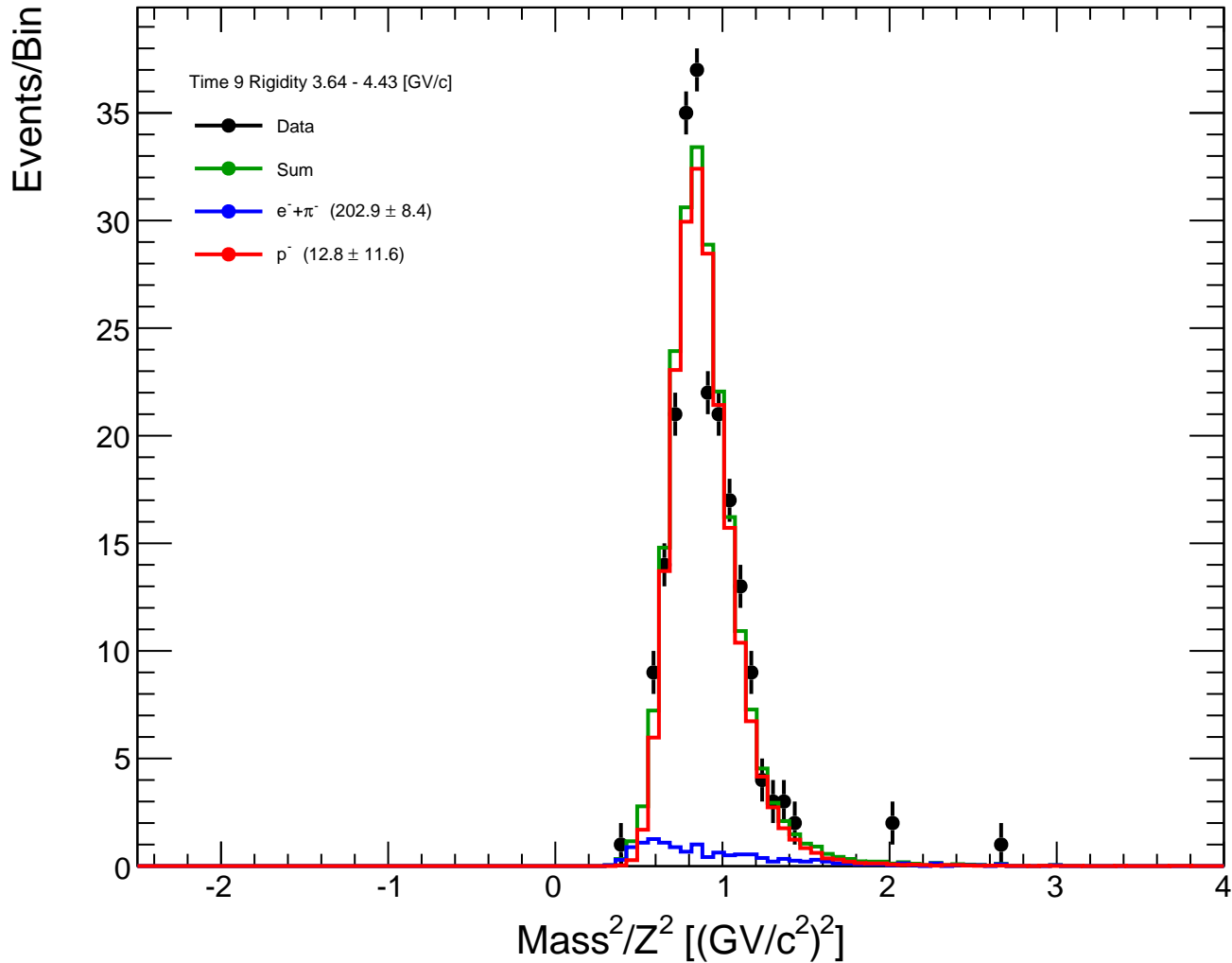


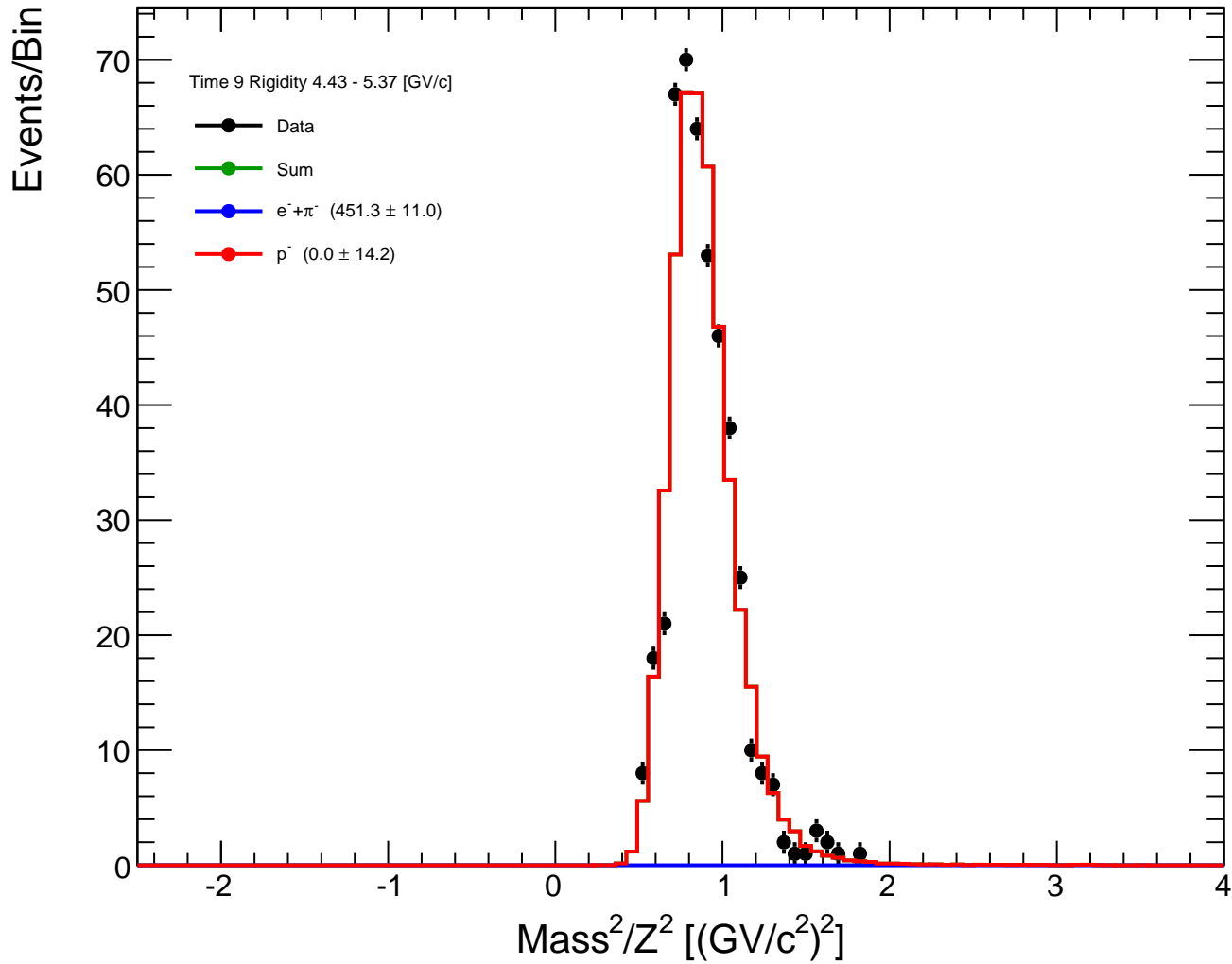
Events/Bin

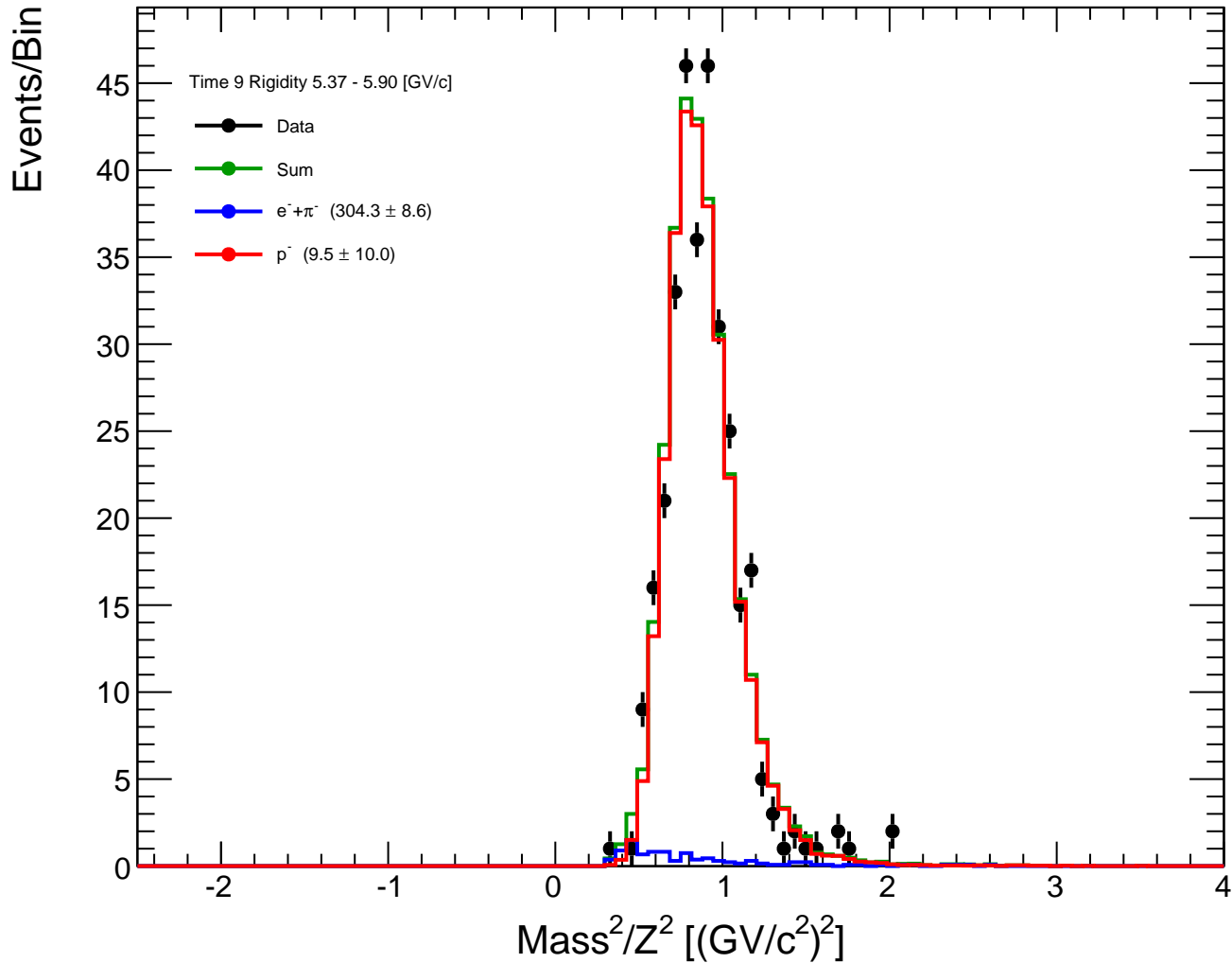








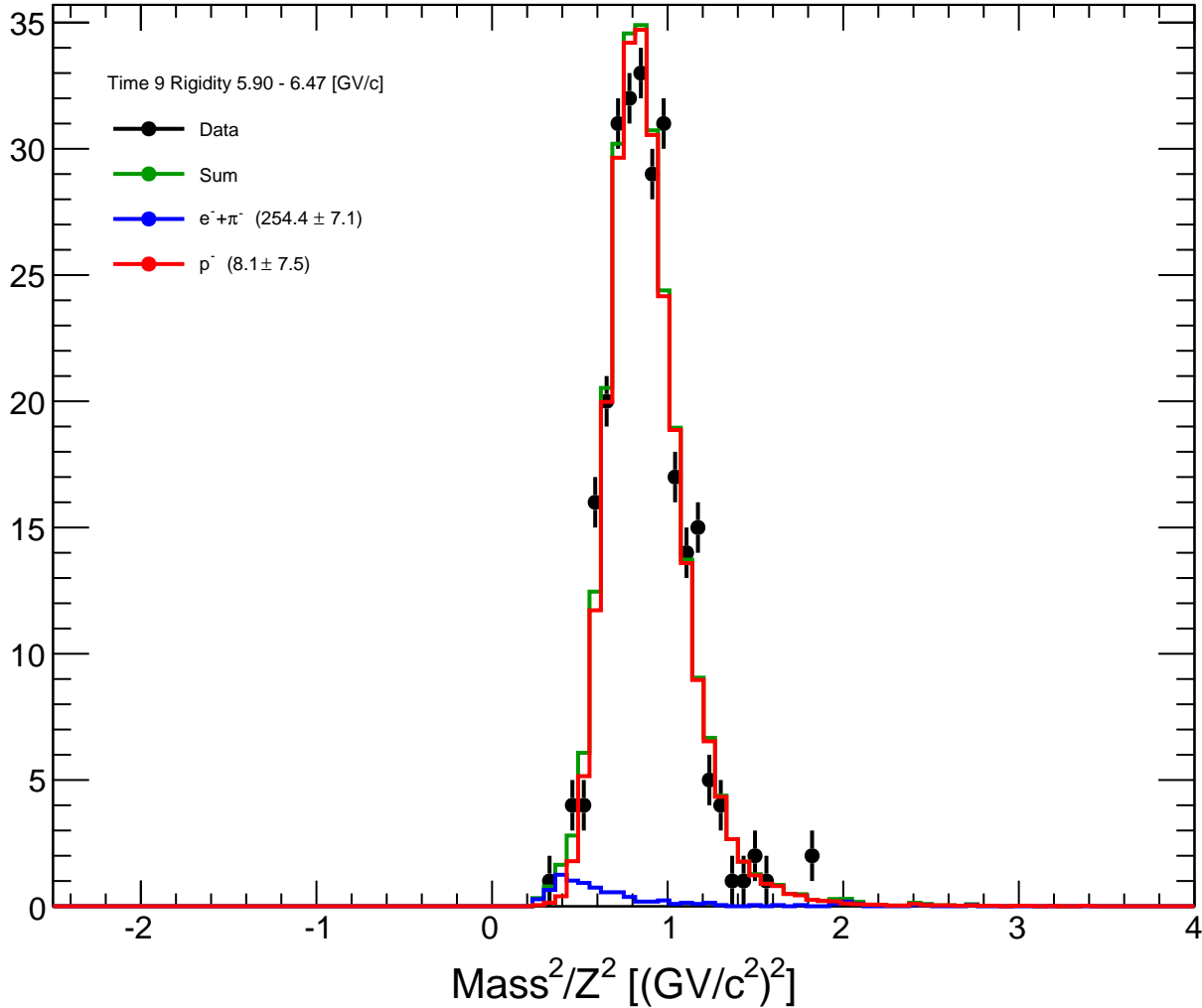


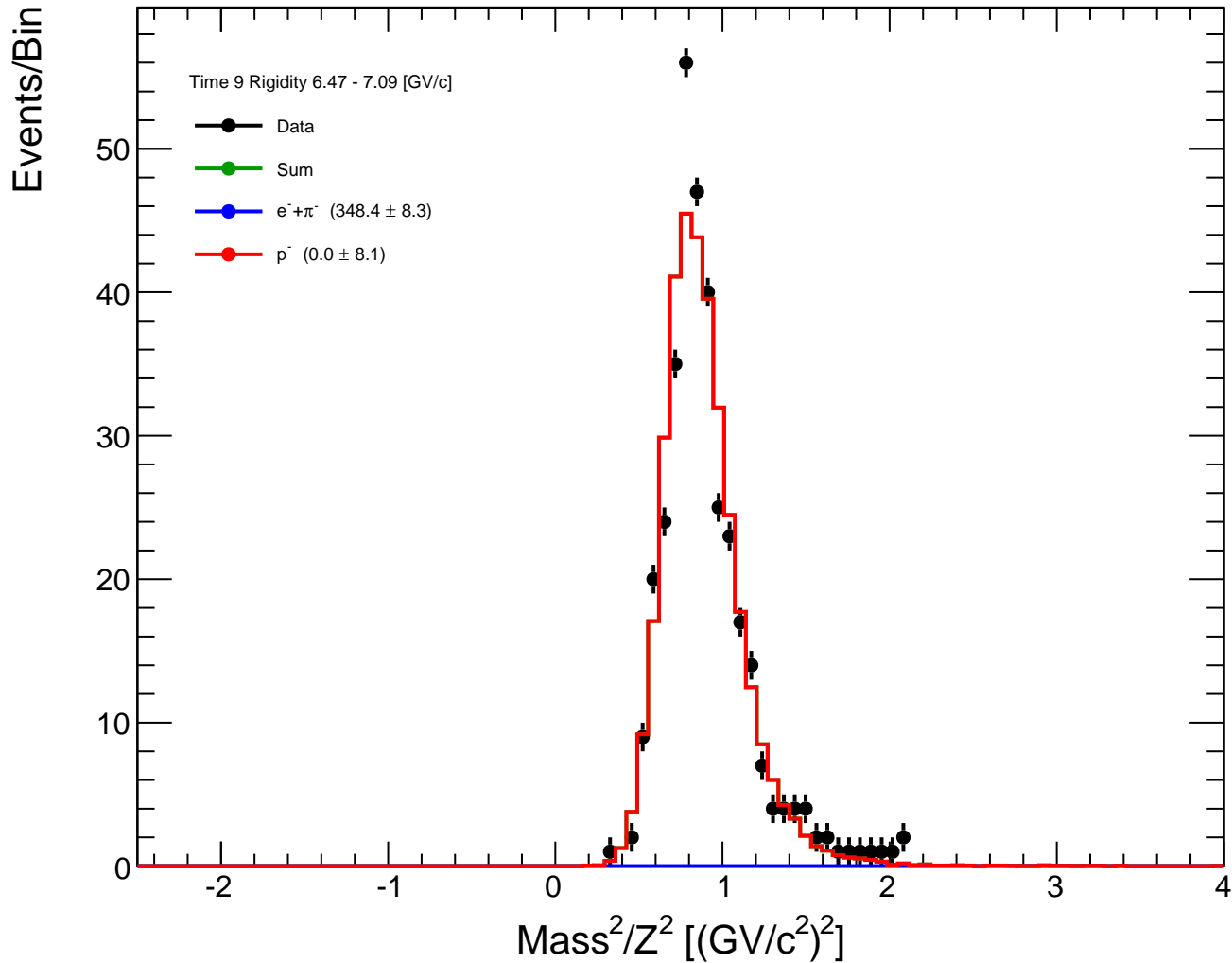


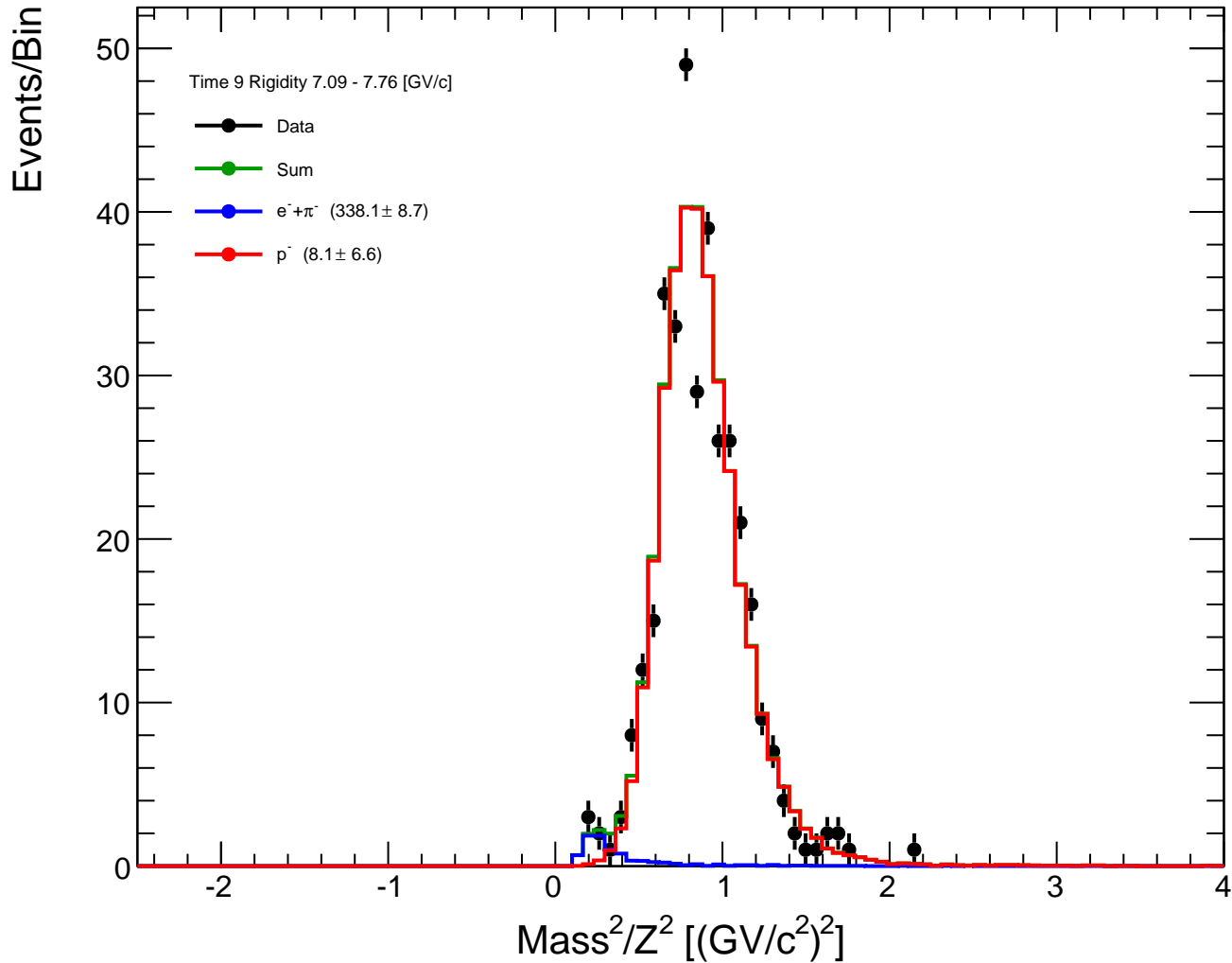
Events/Bin

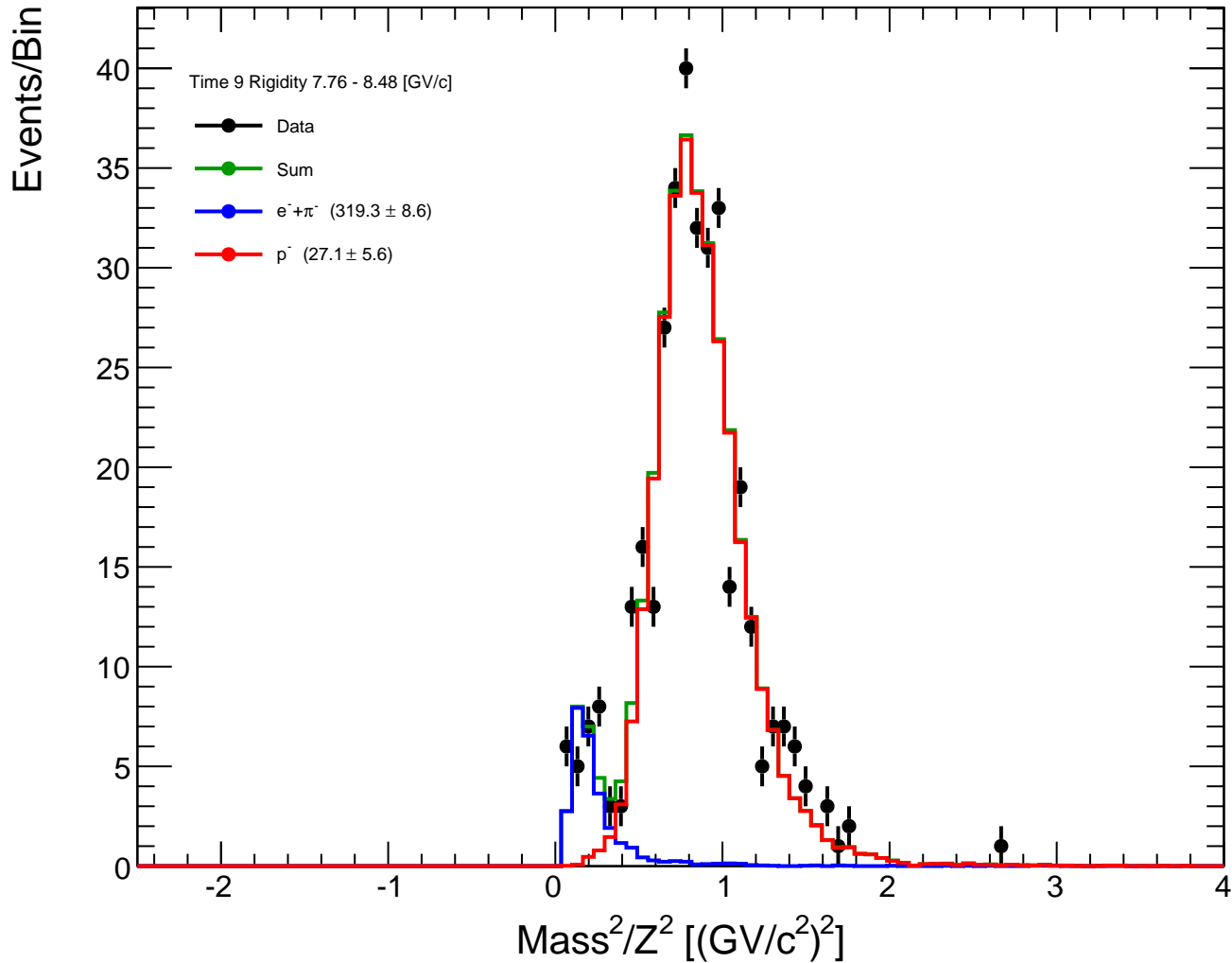
Time 9 Rigidity 5.90 - 6.47 [GV/c]

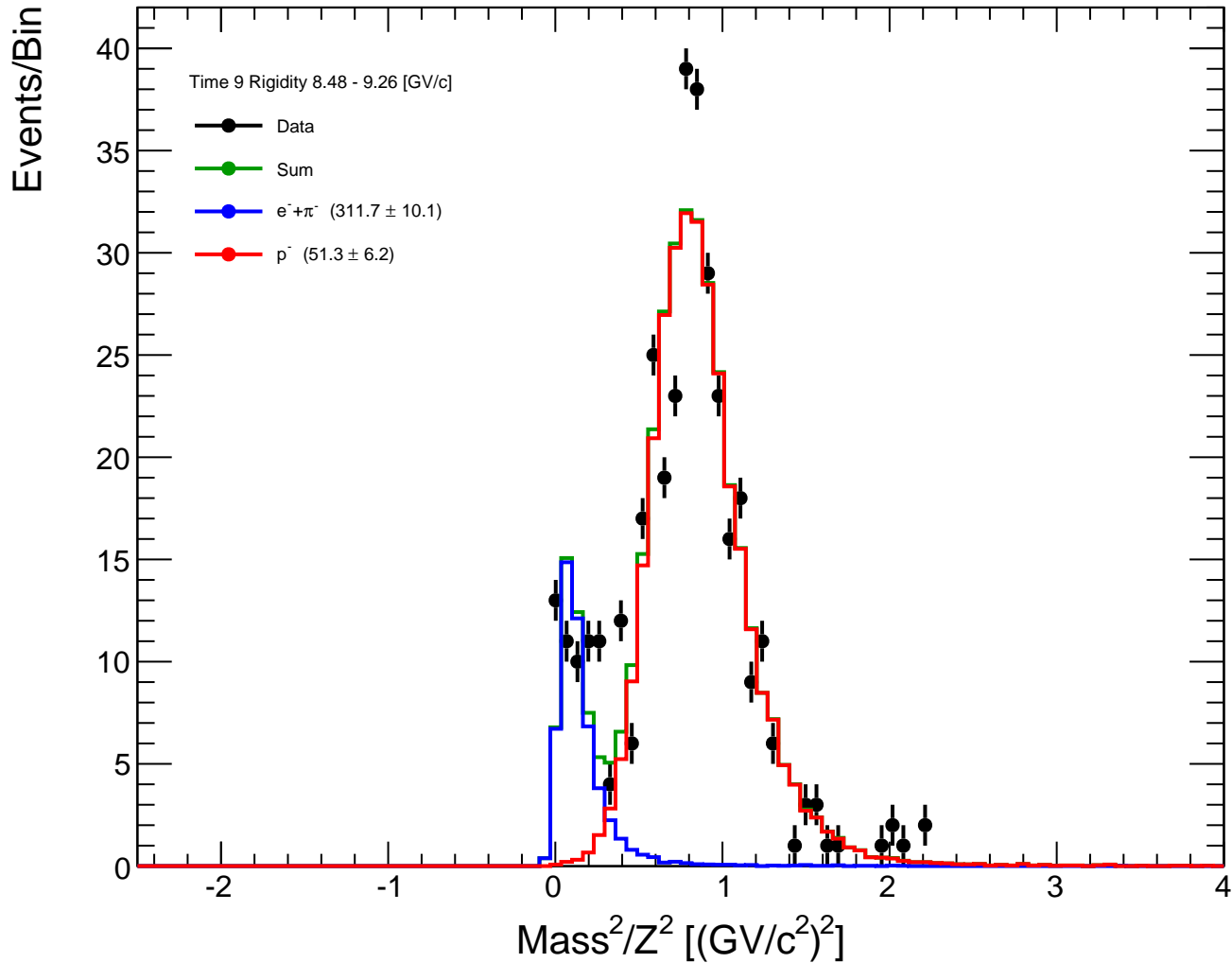
- Data
- Sum
- $e^- + \pi^-$ (254.4 ± 7.1)
- p^- (8.1 ± 7.5)



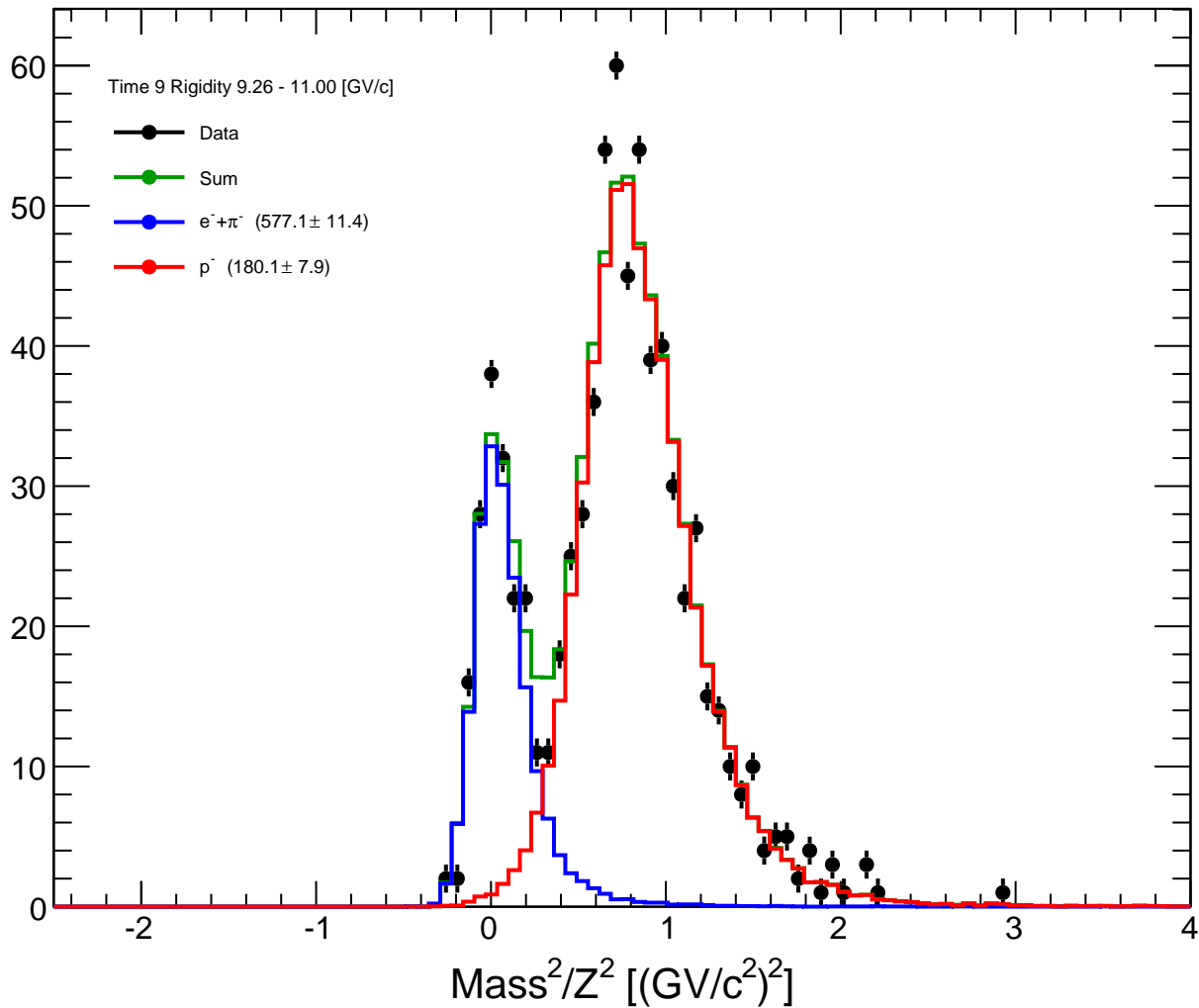


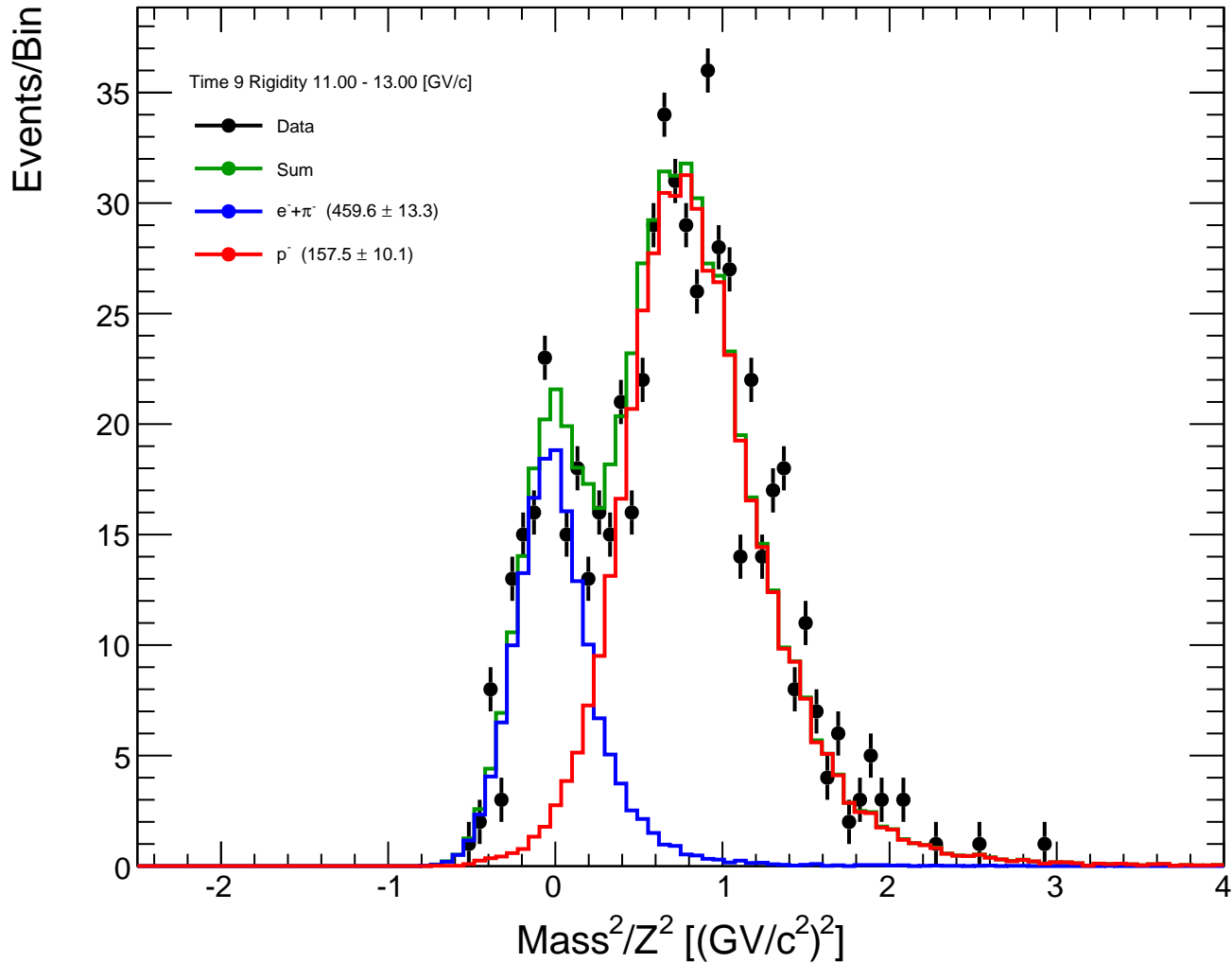




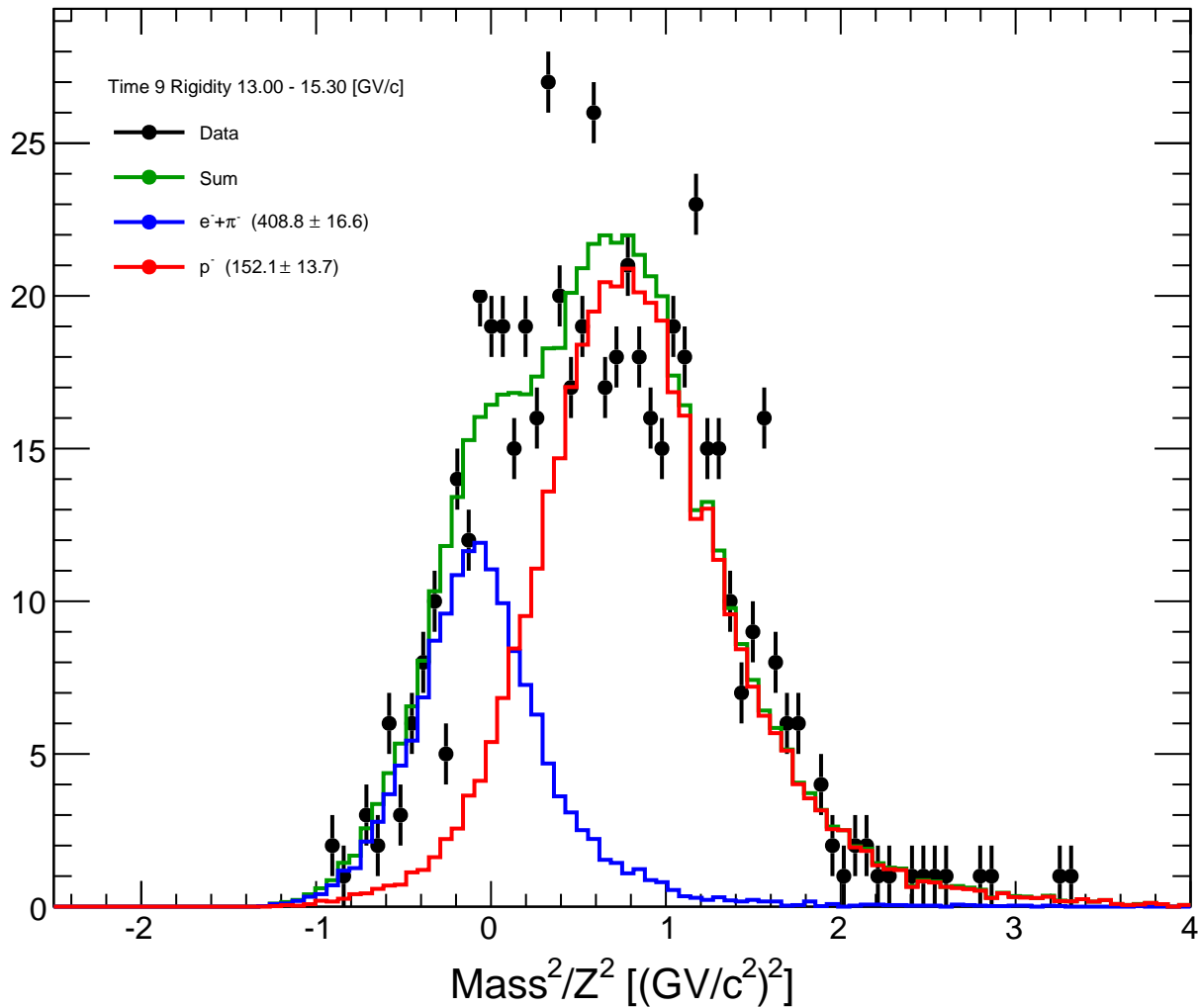


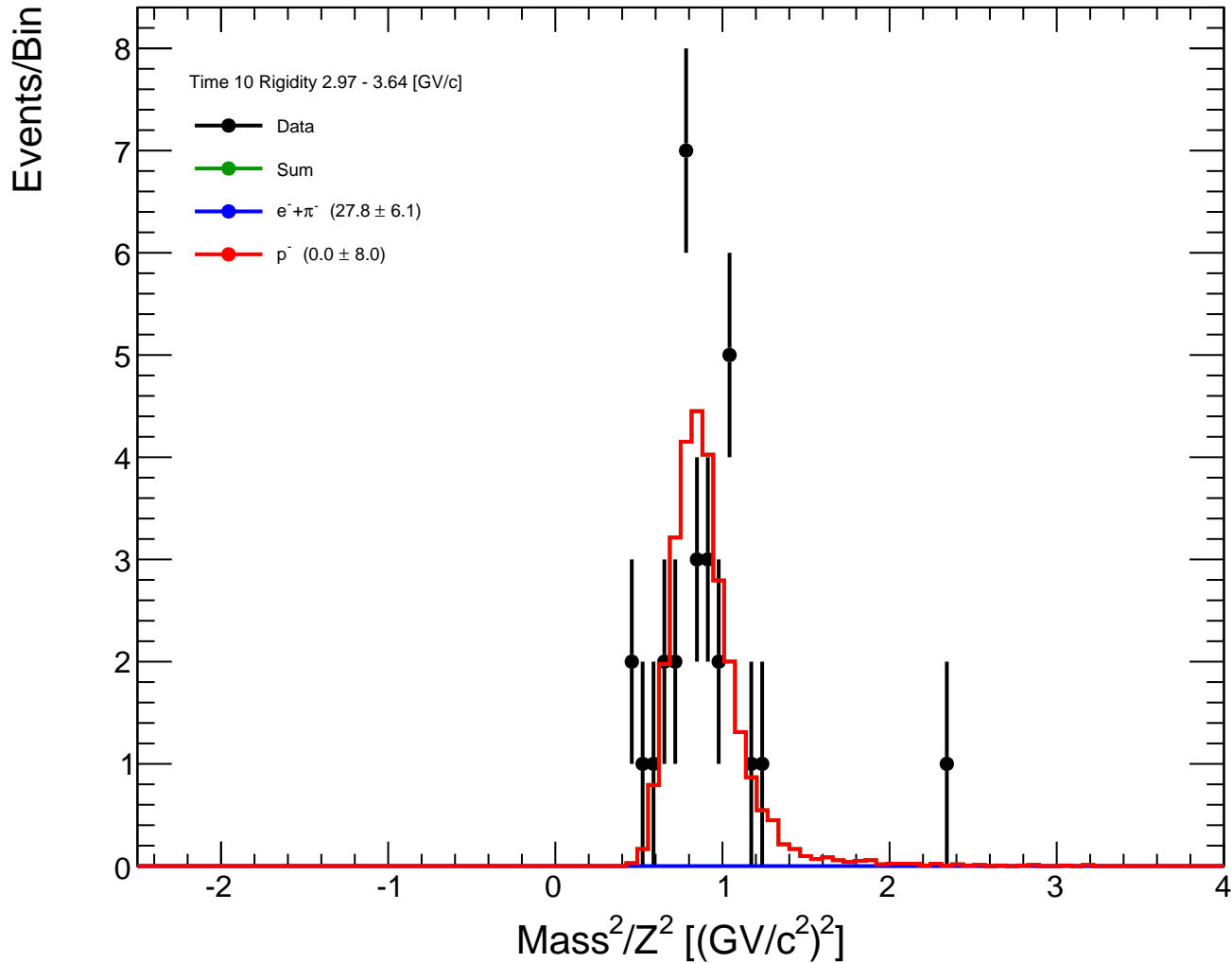
Events/Bin

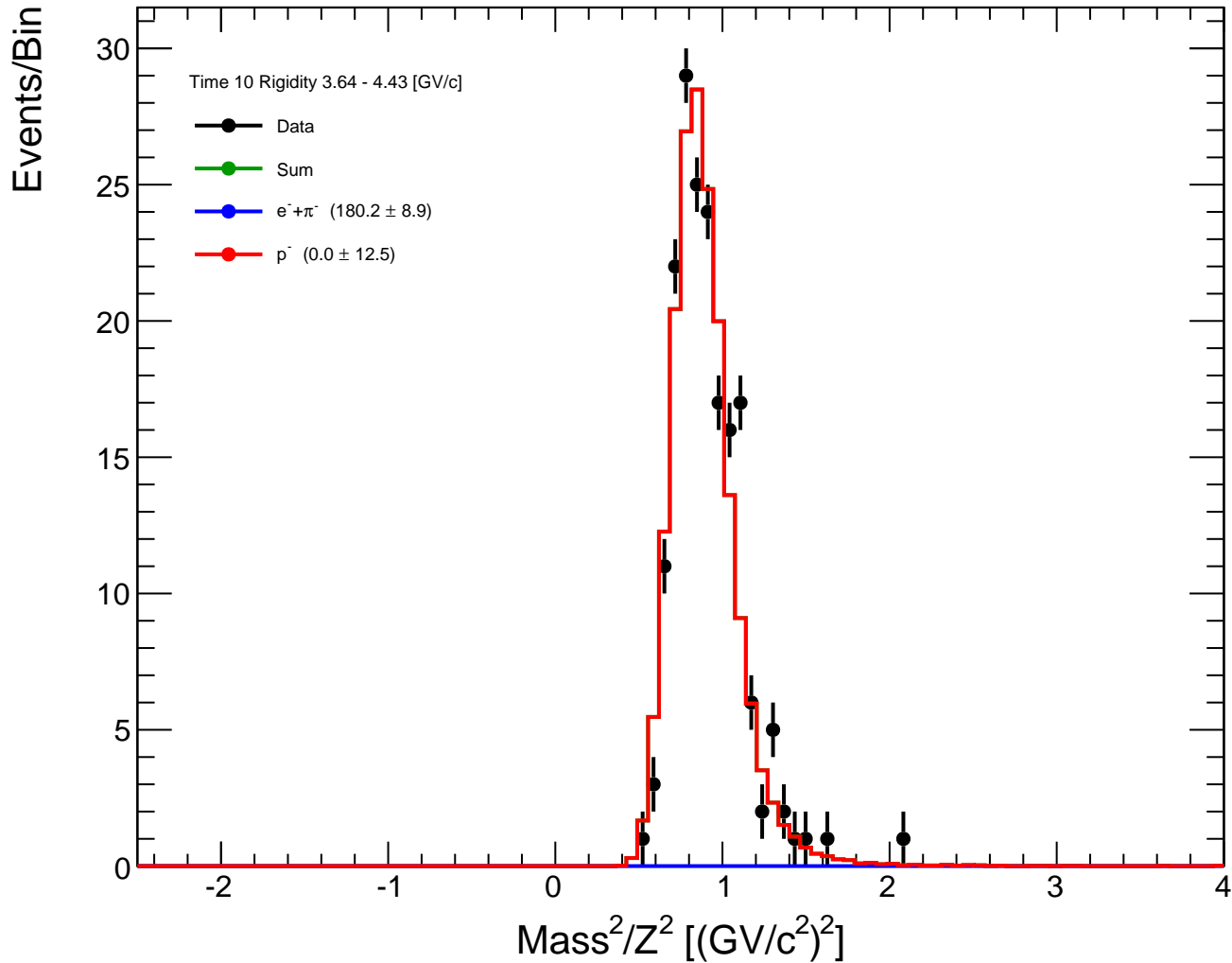


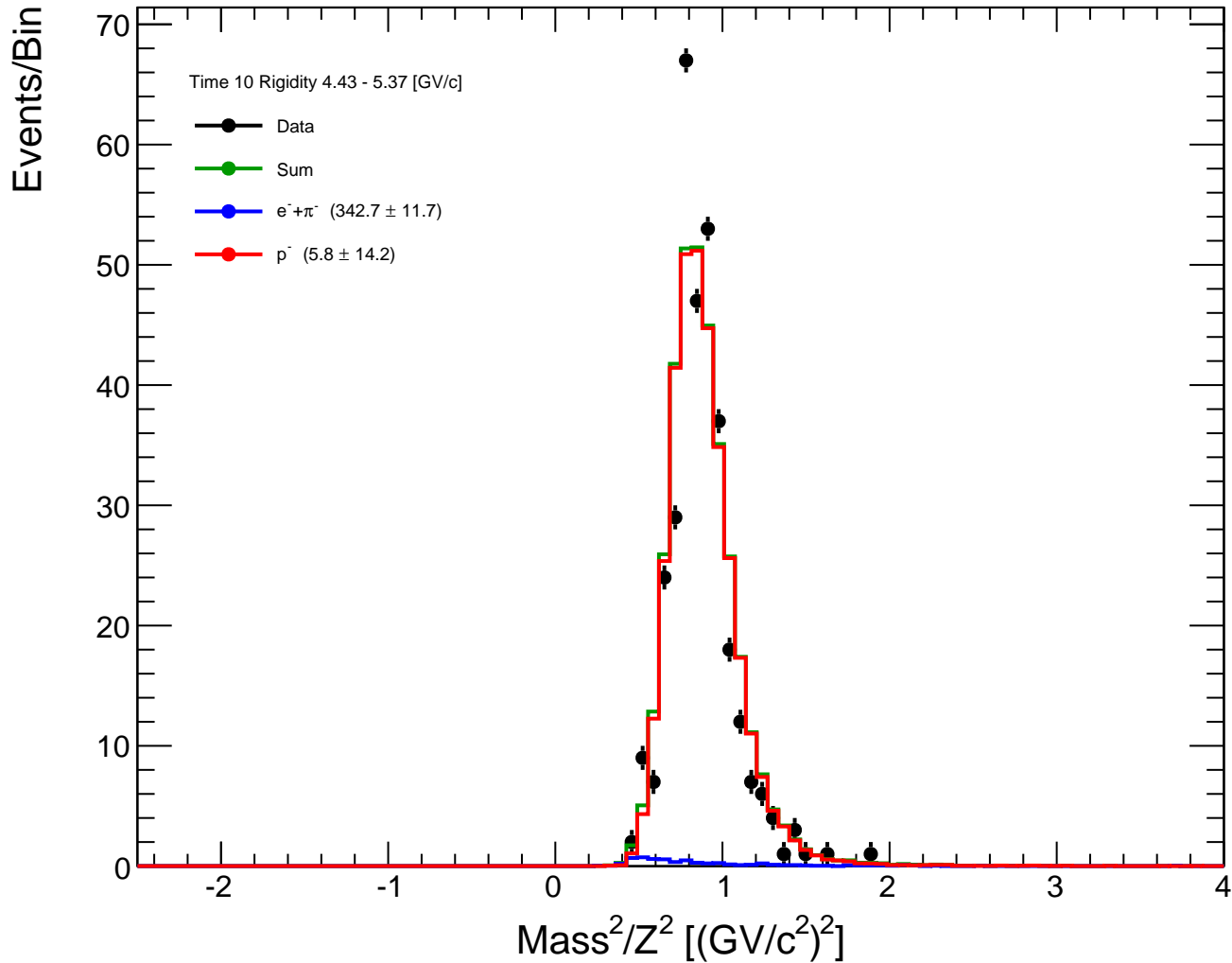


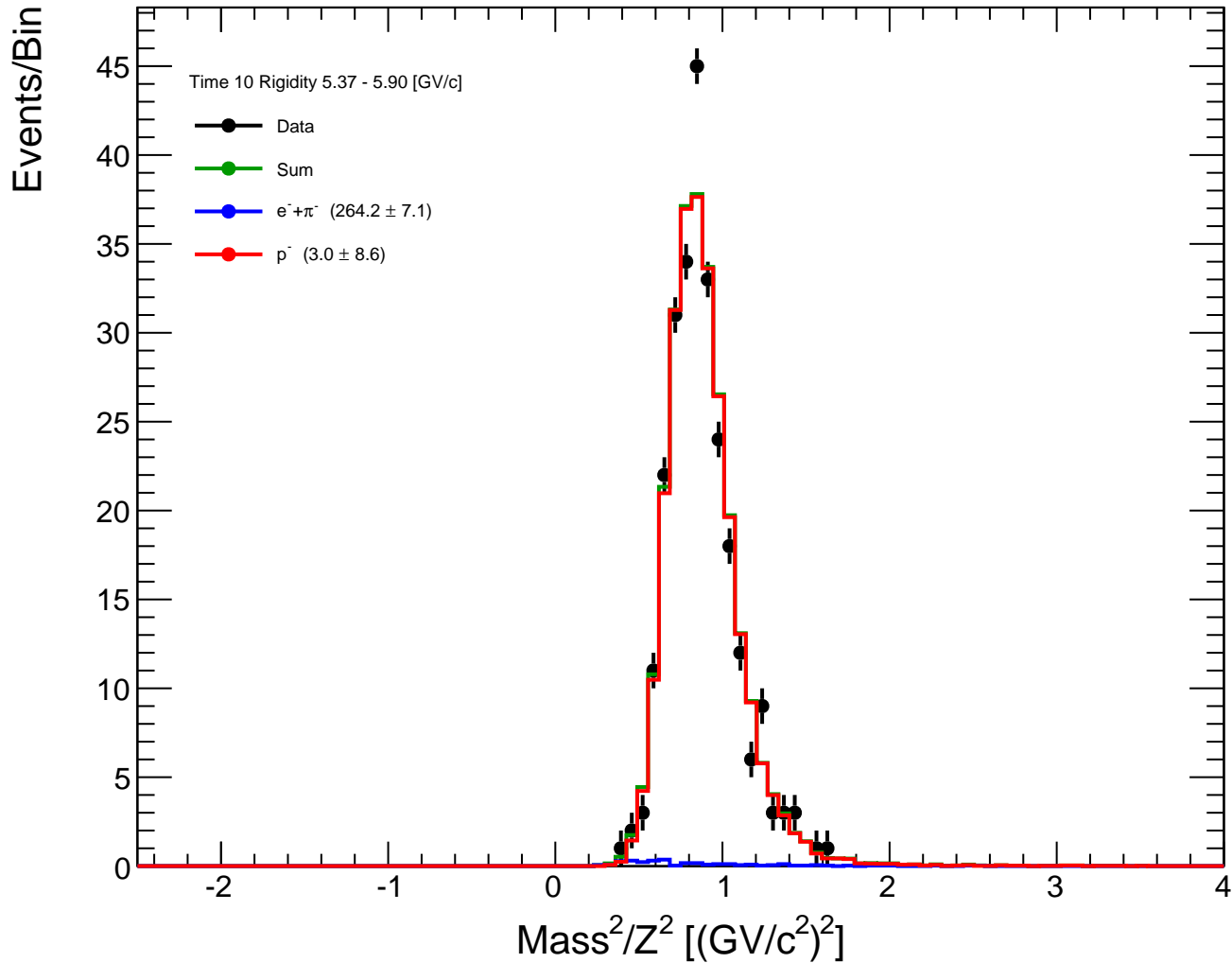
Events/Bin



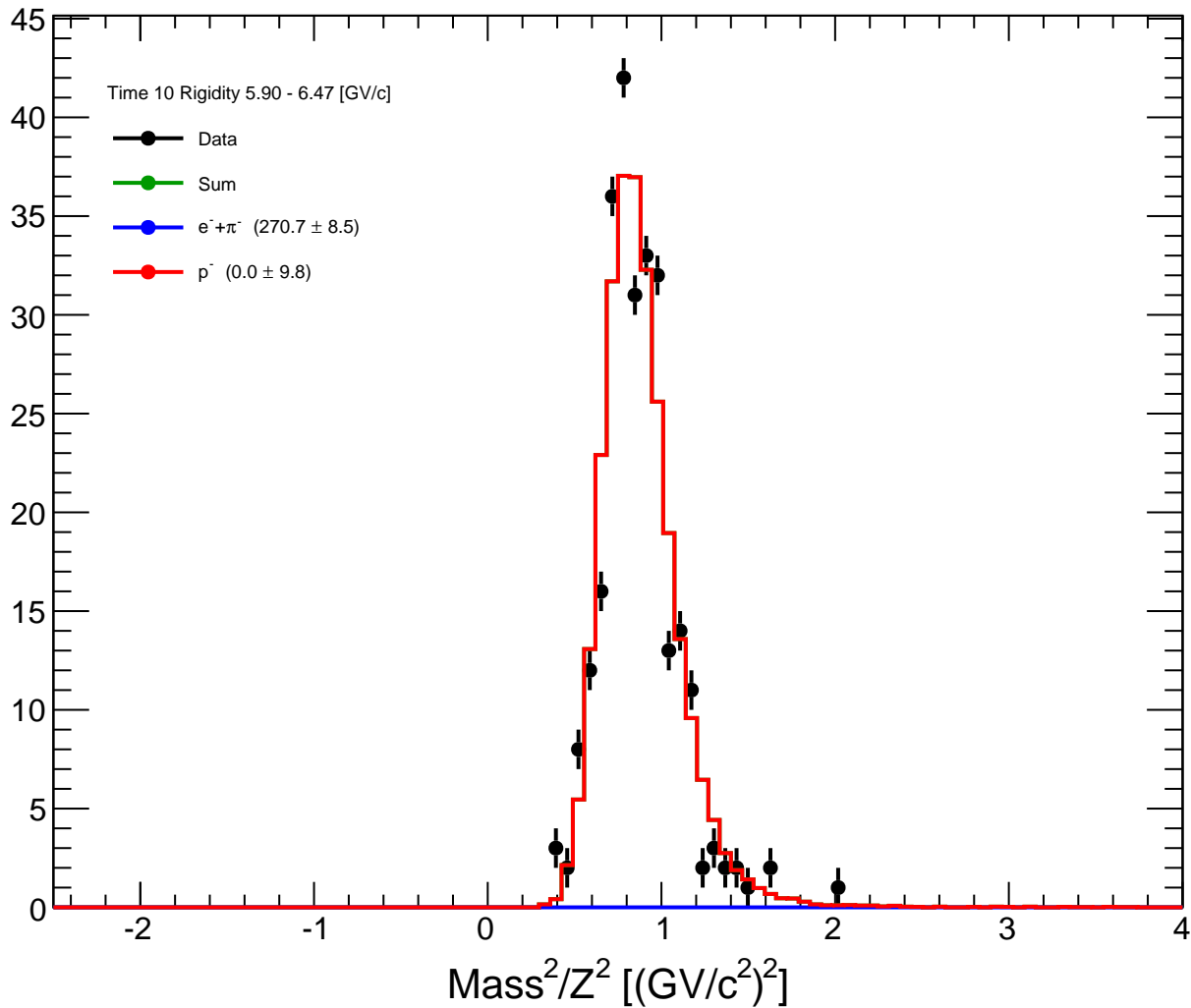




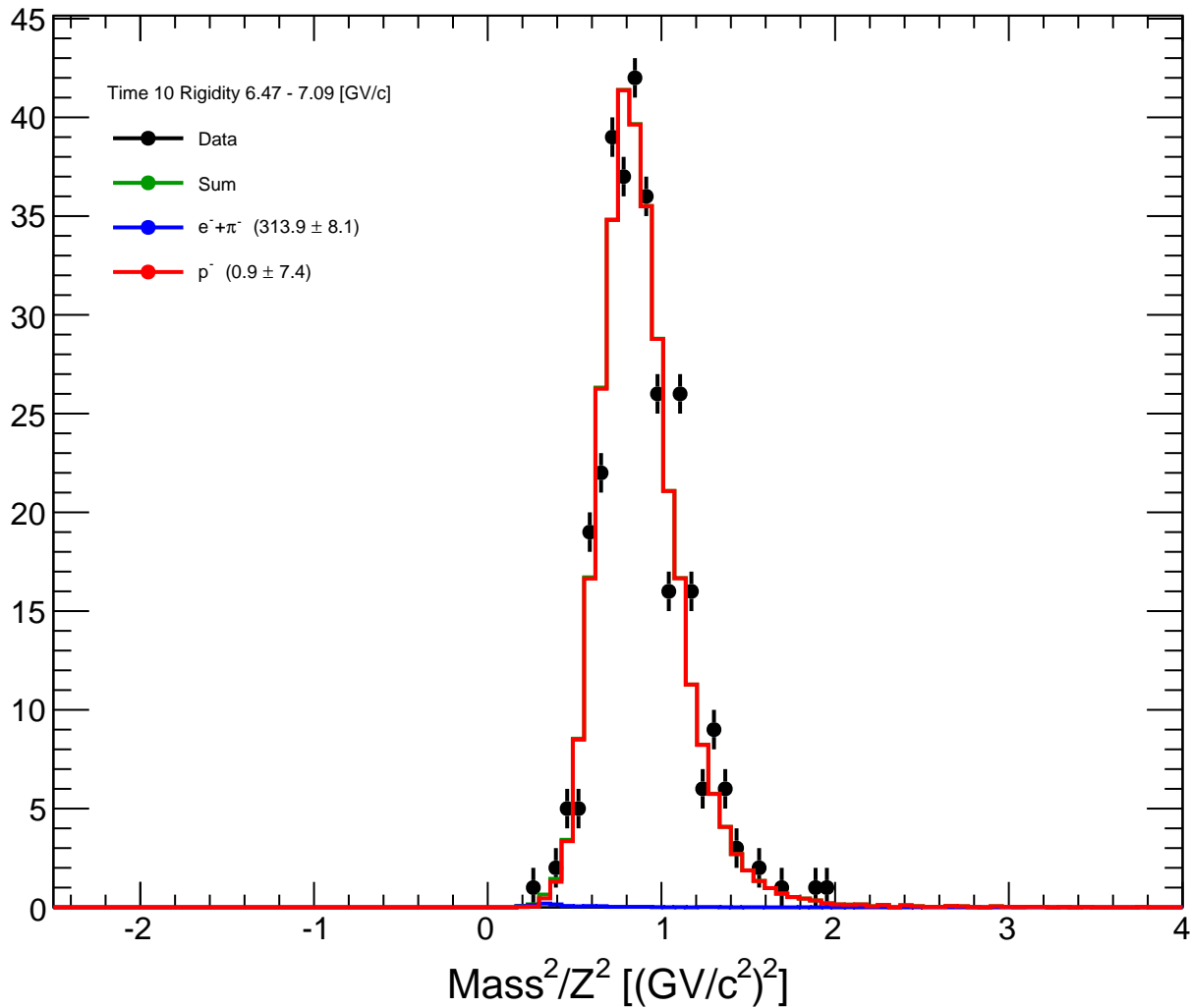


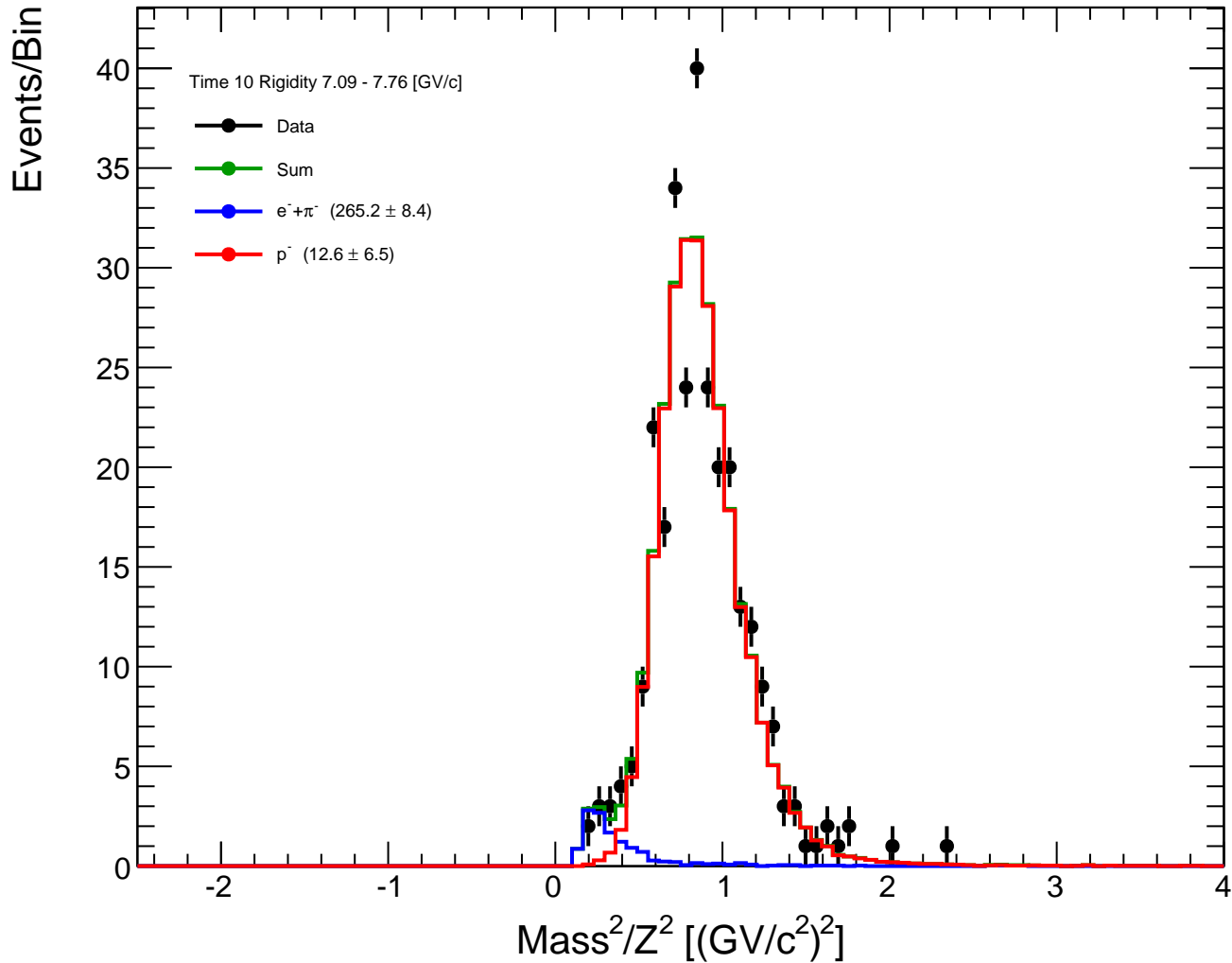


Events/Bin

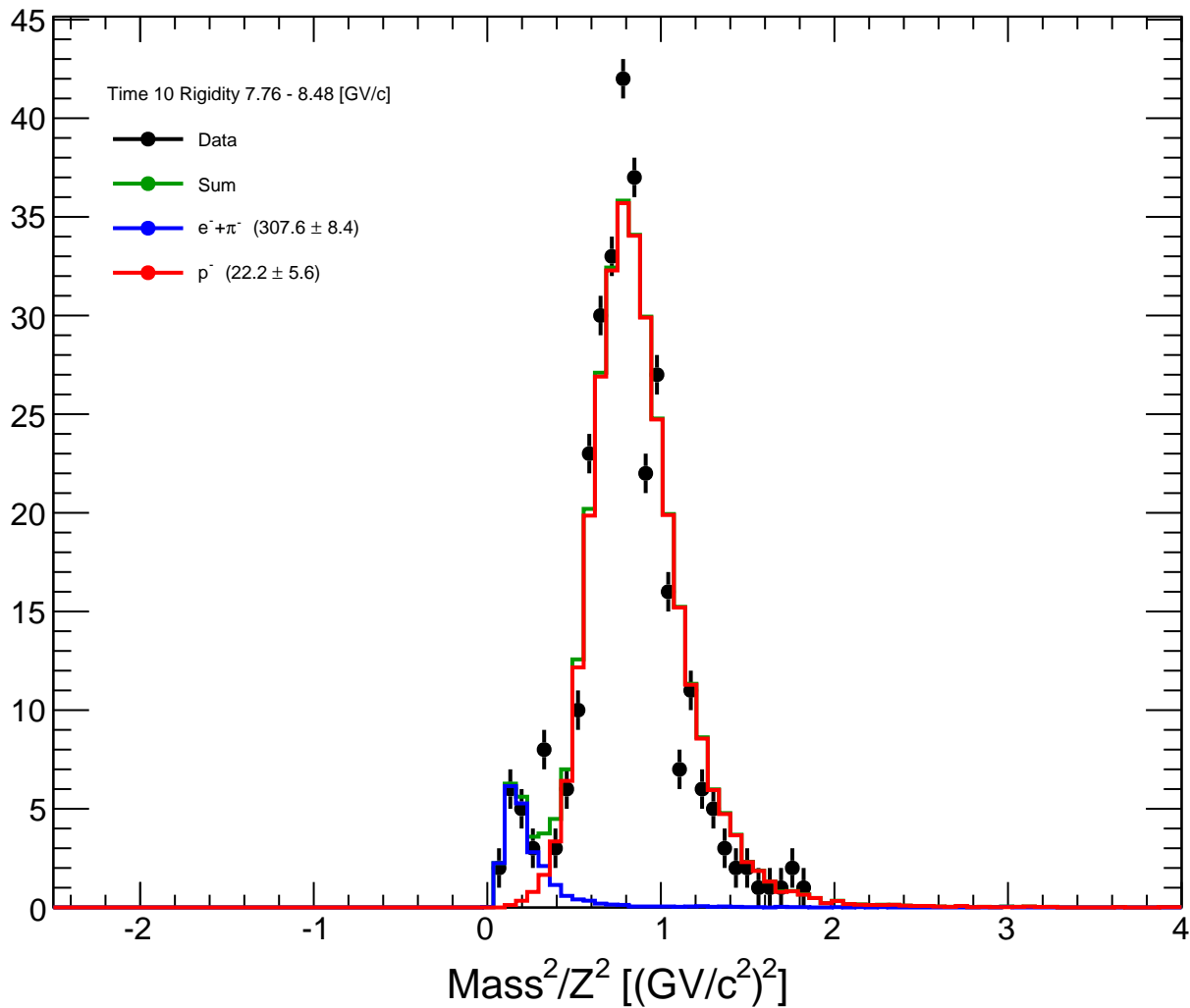


Events/Bin

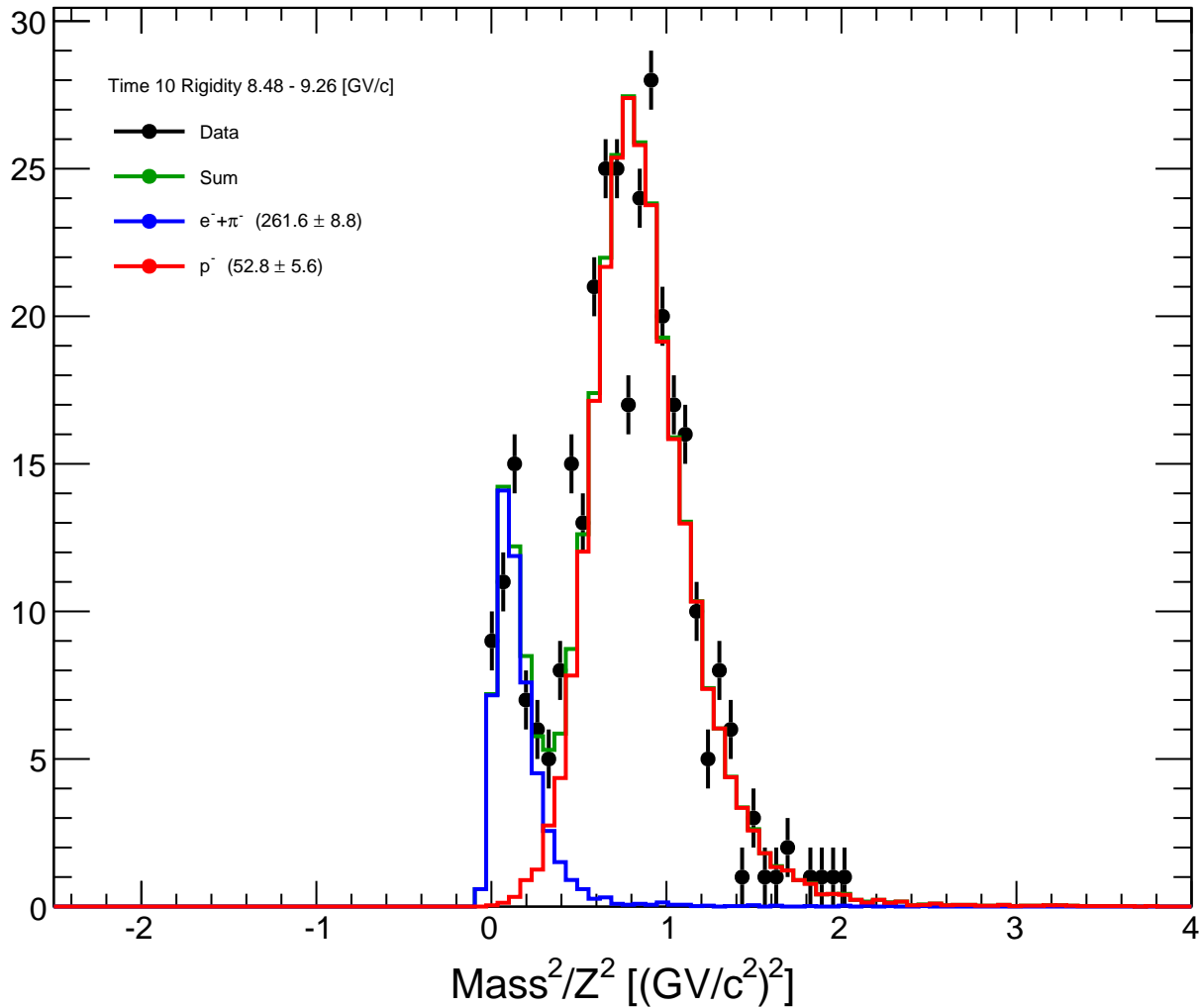




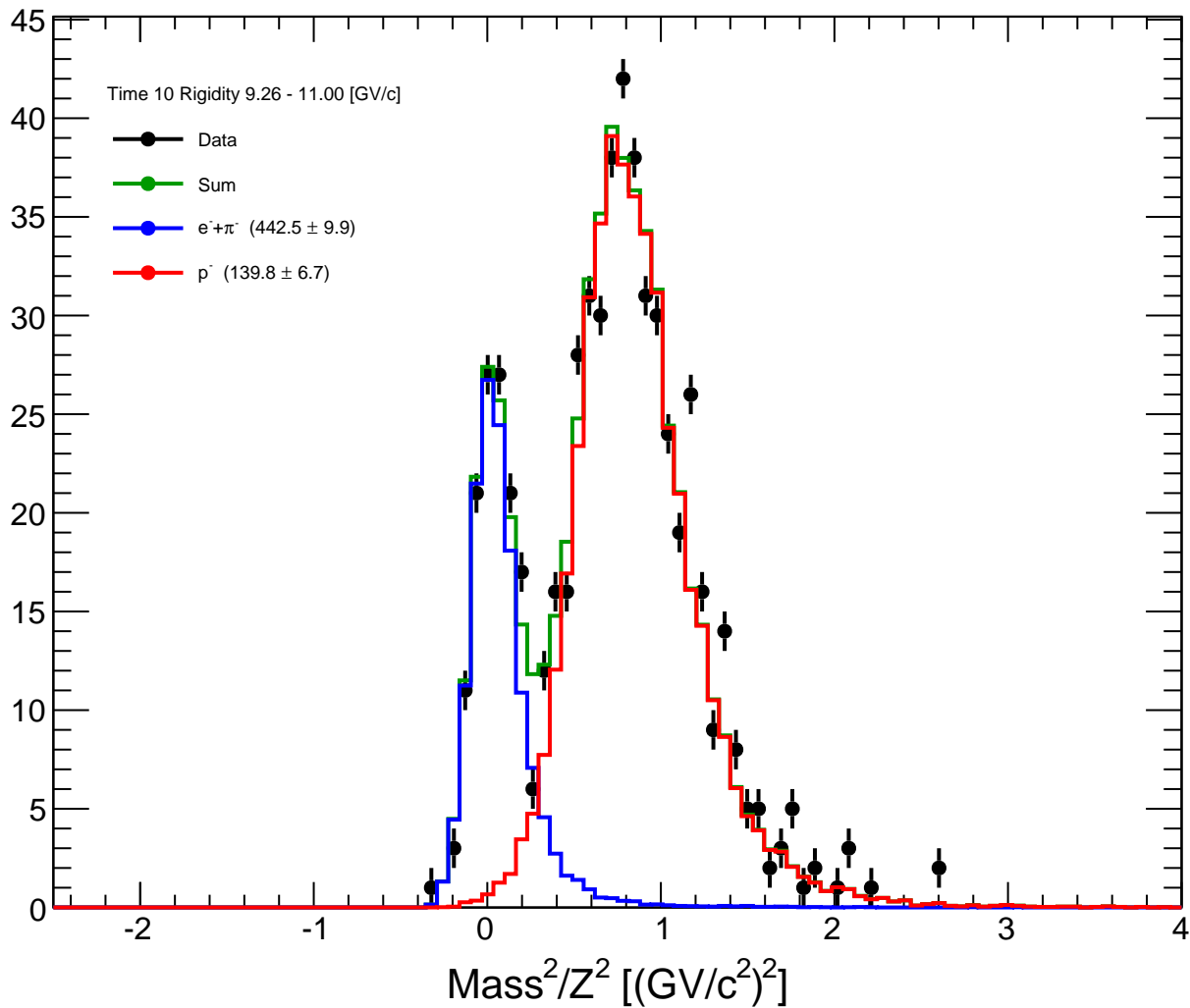
Events/Bin



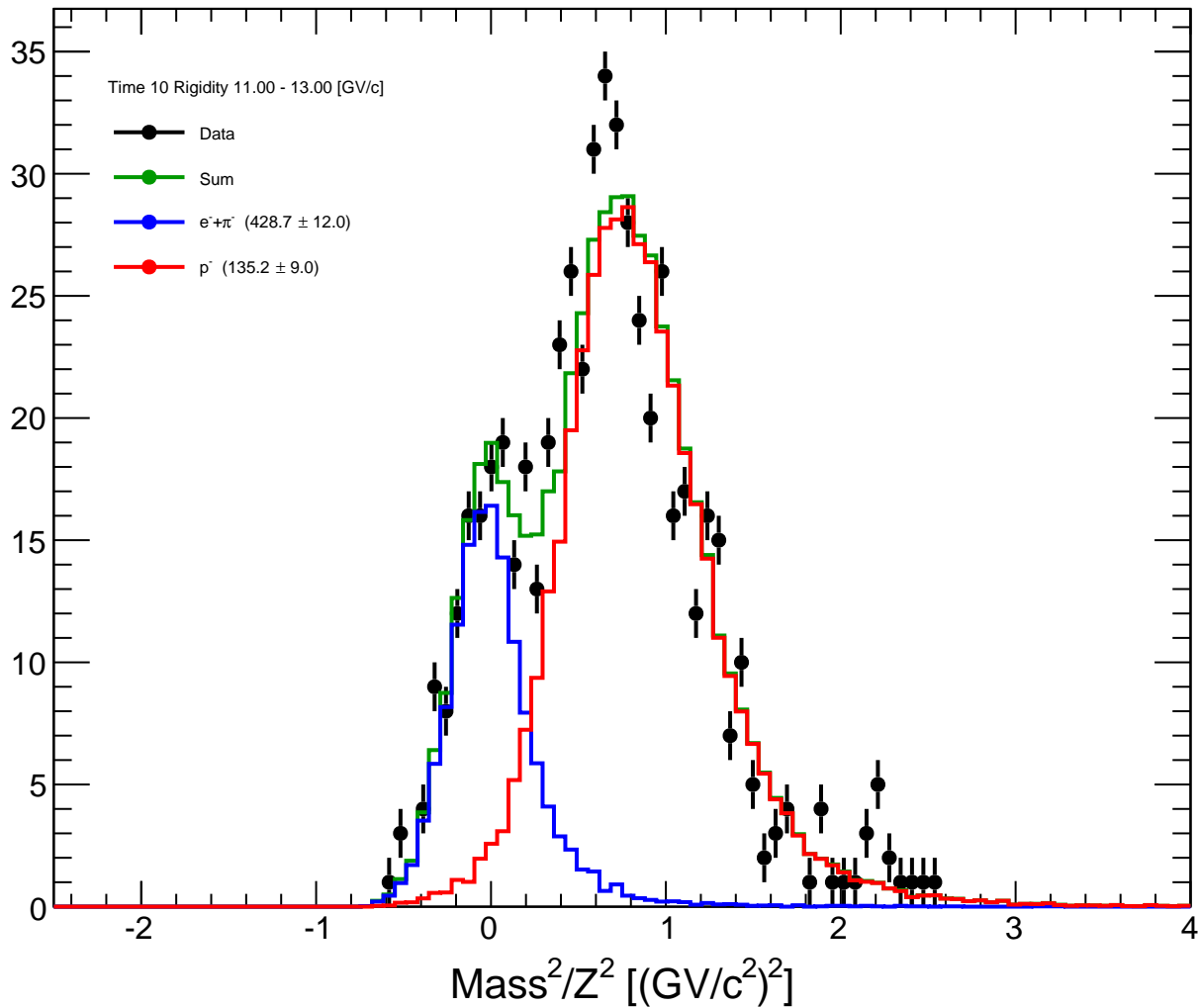
Events/Bin



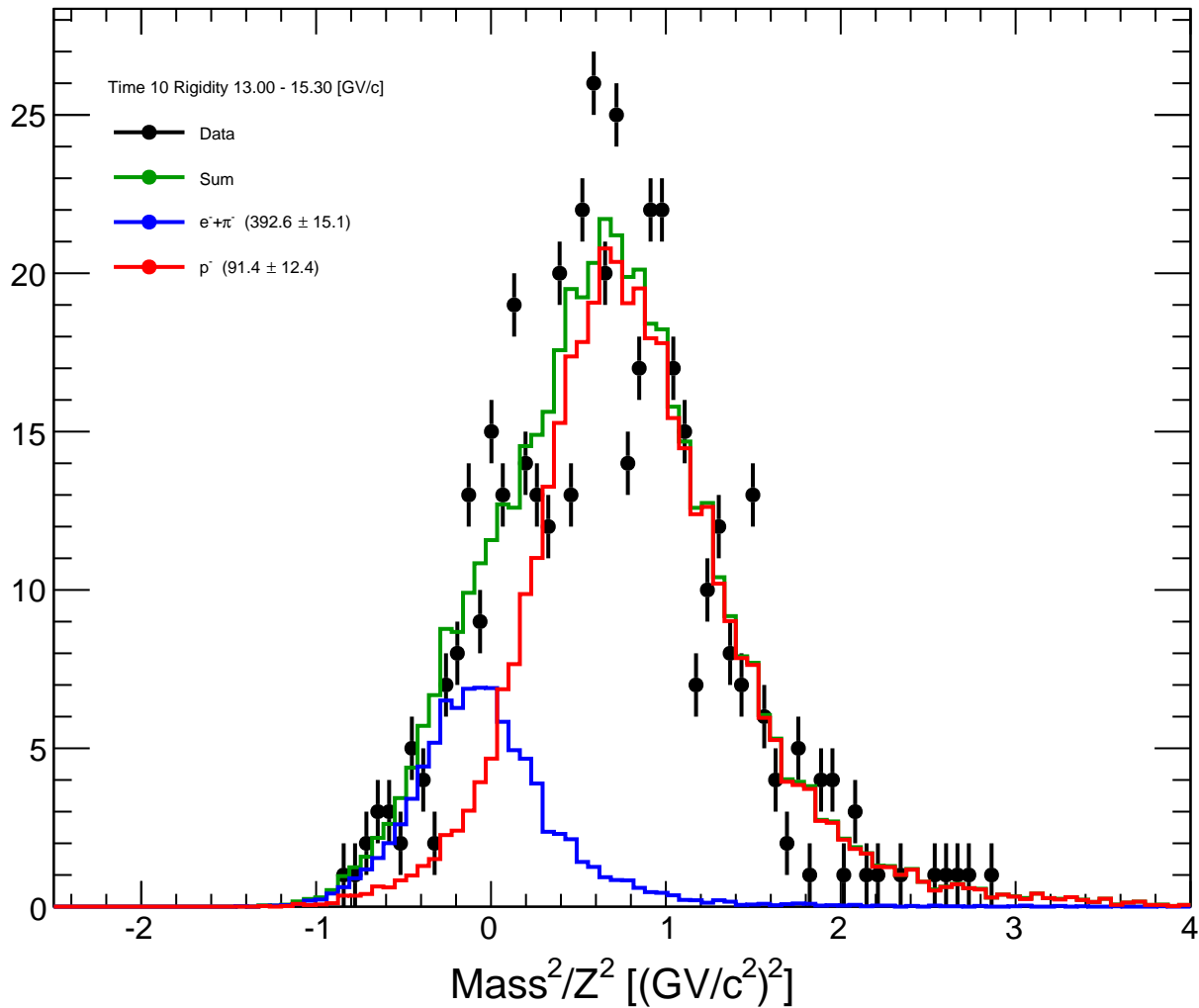
Events/Bin

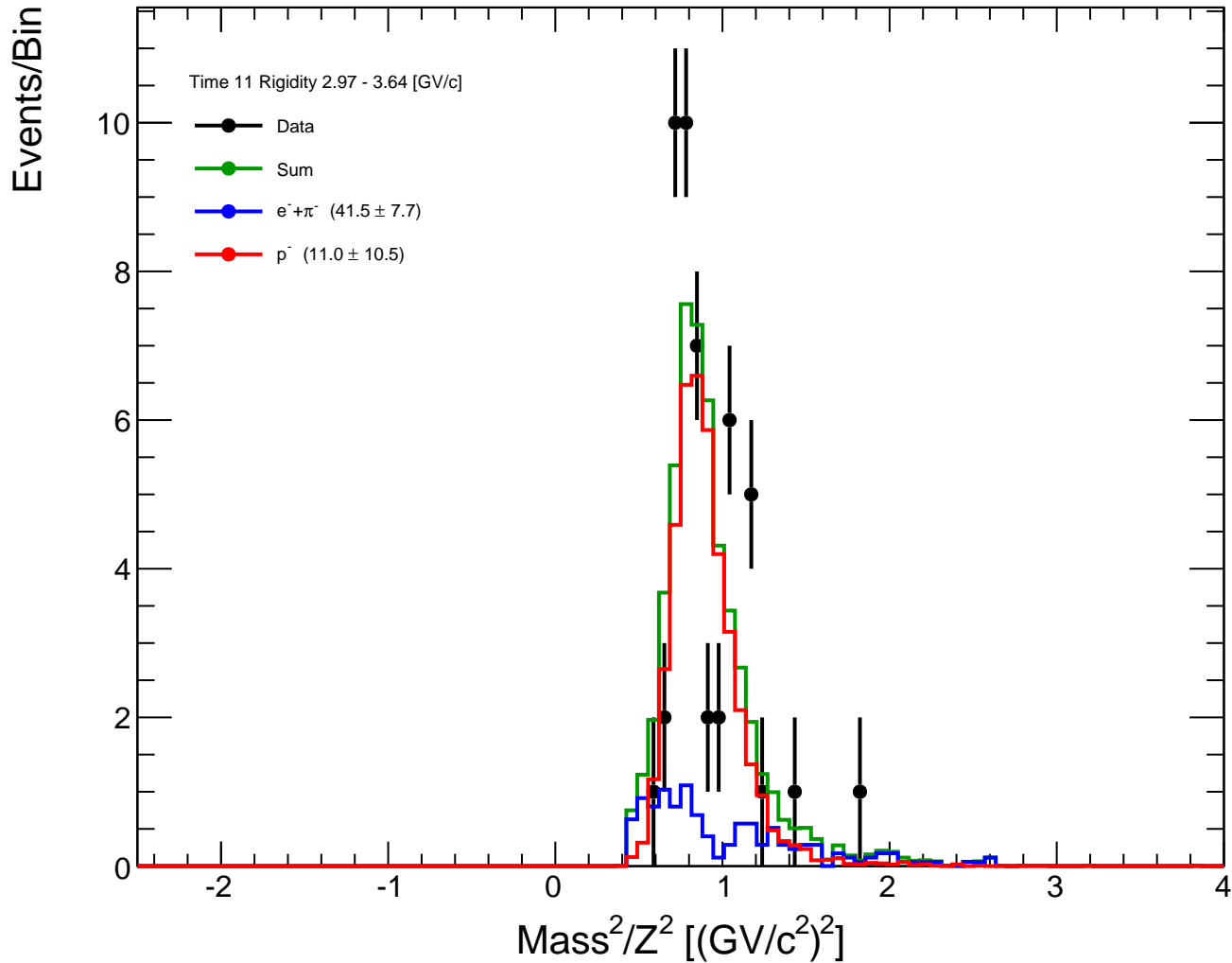


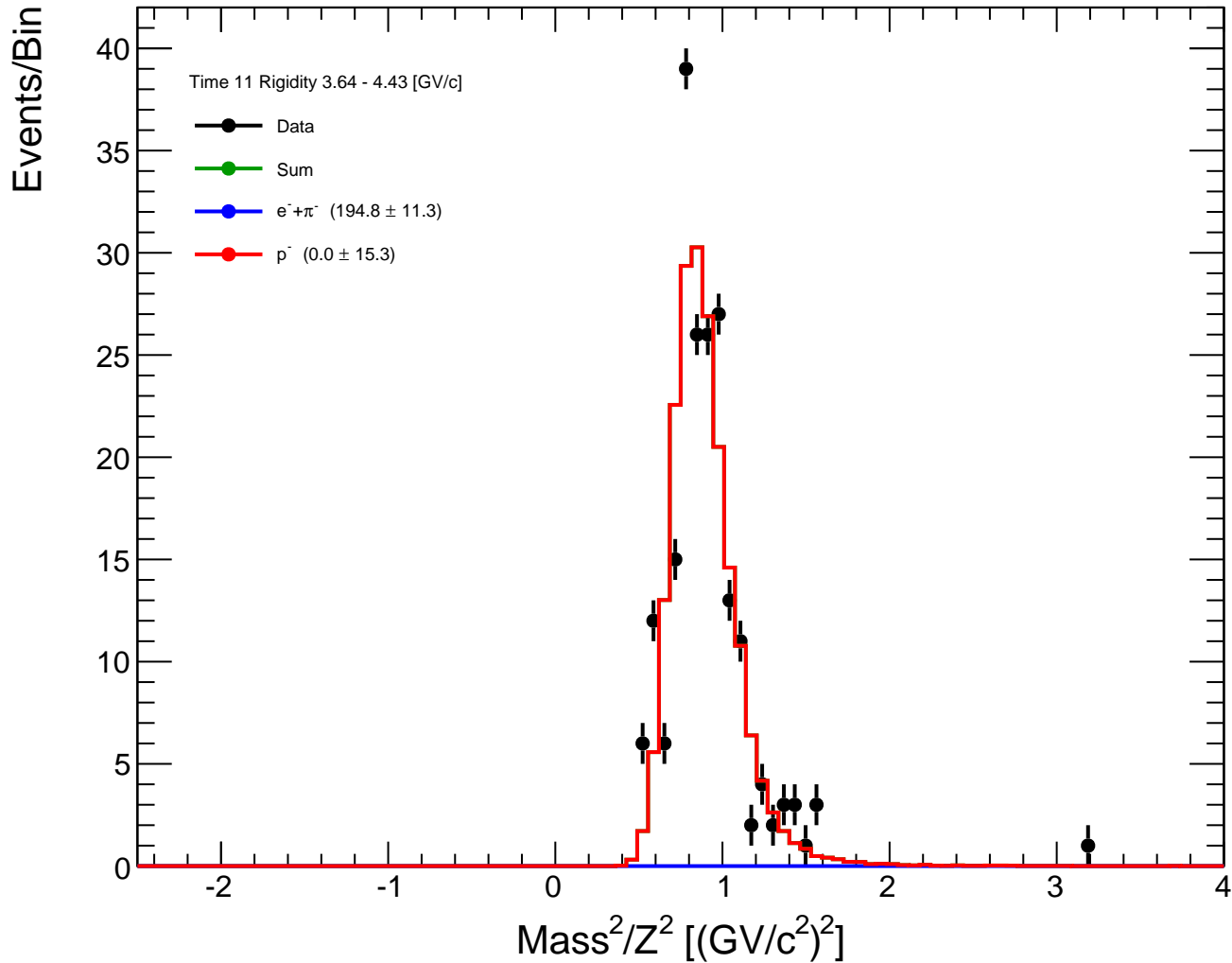
Events/Bin

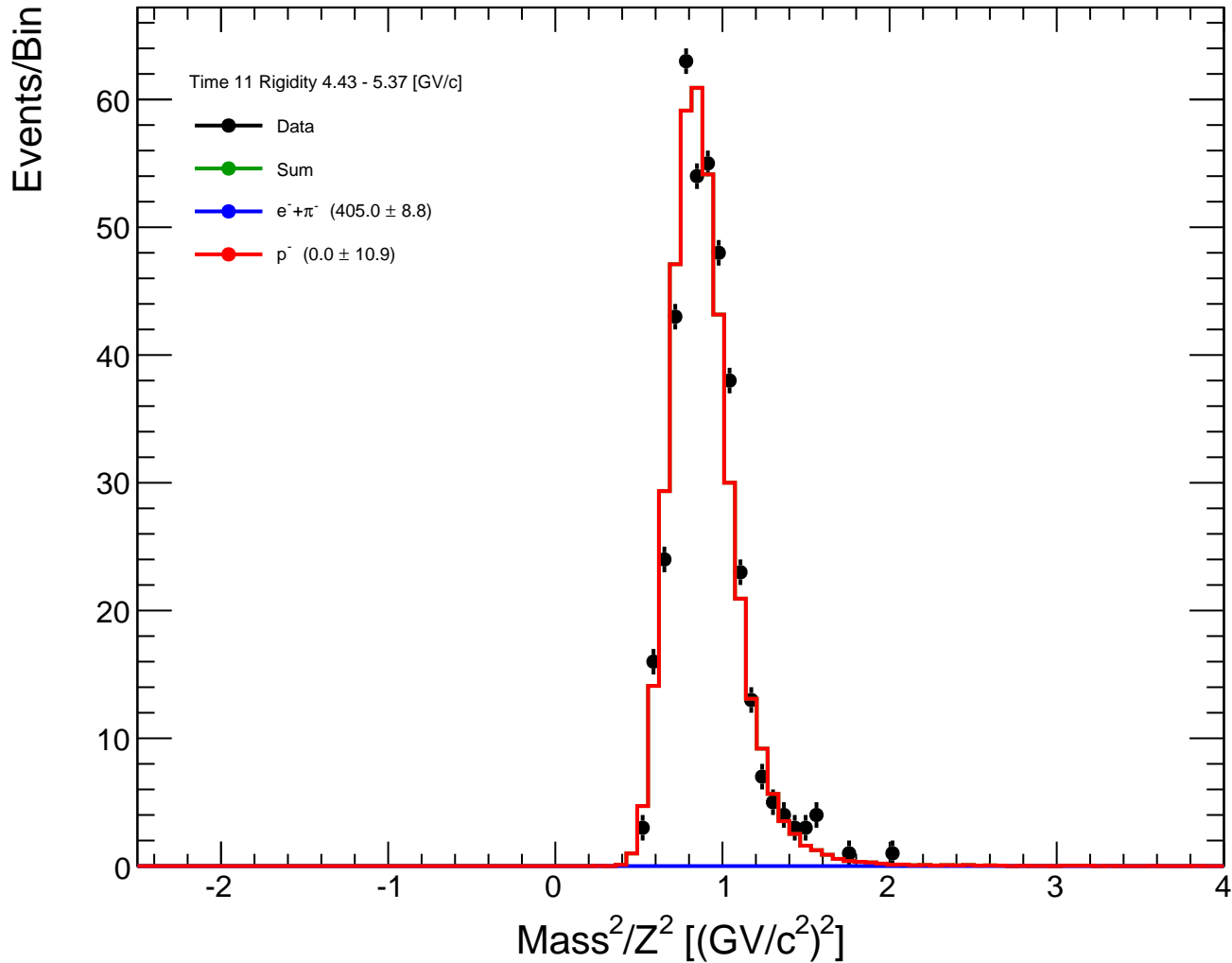


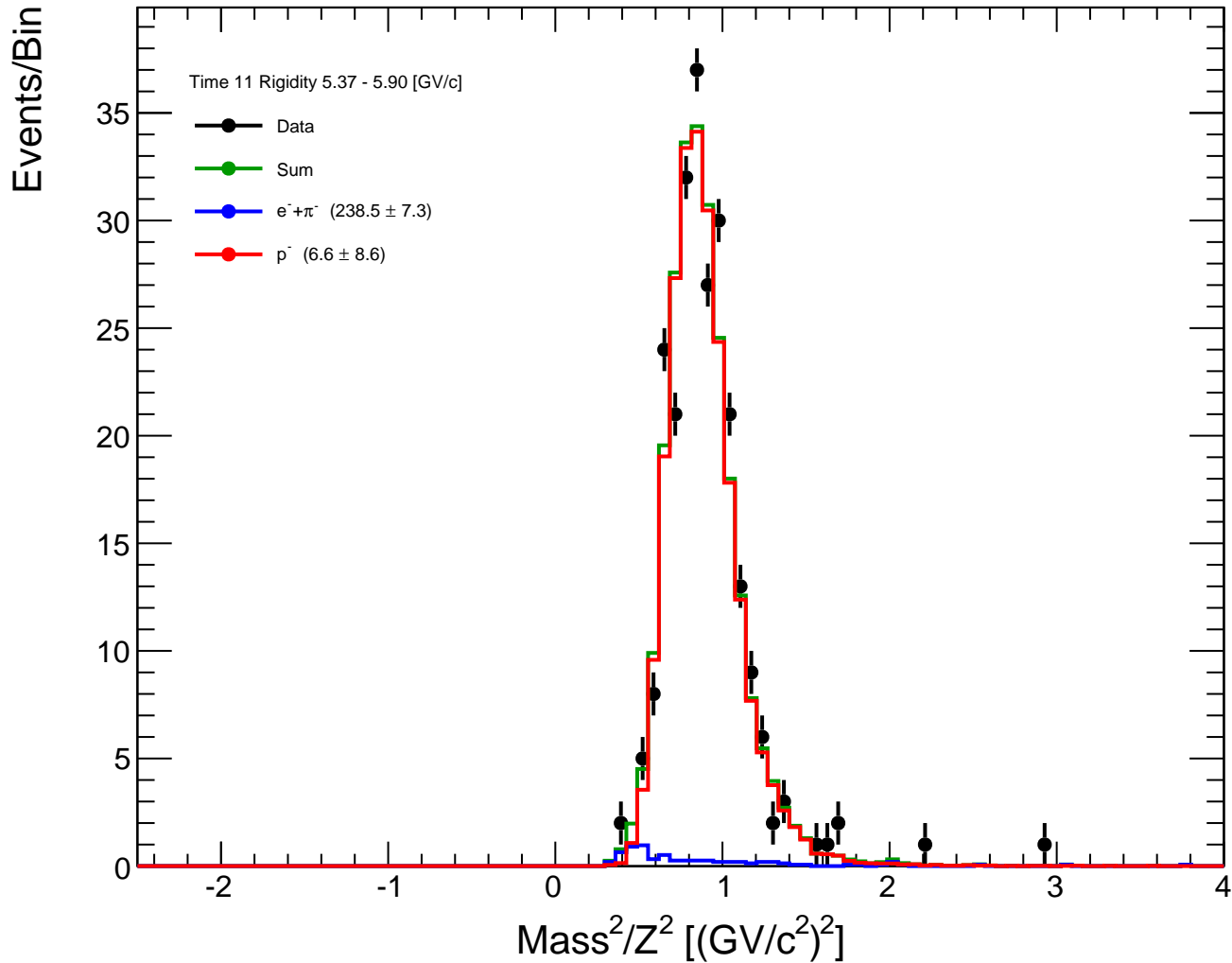
Events/Bin

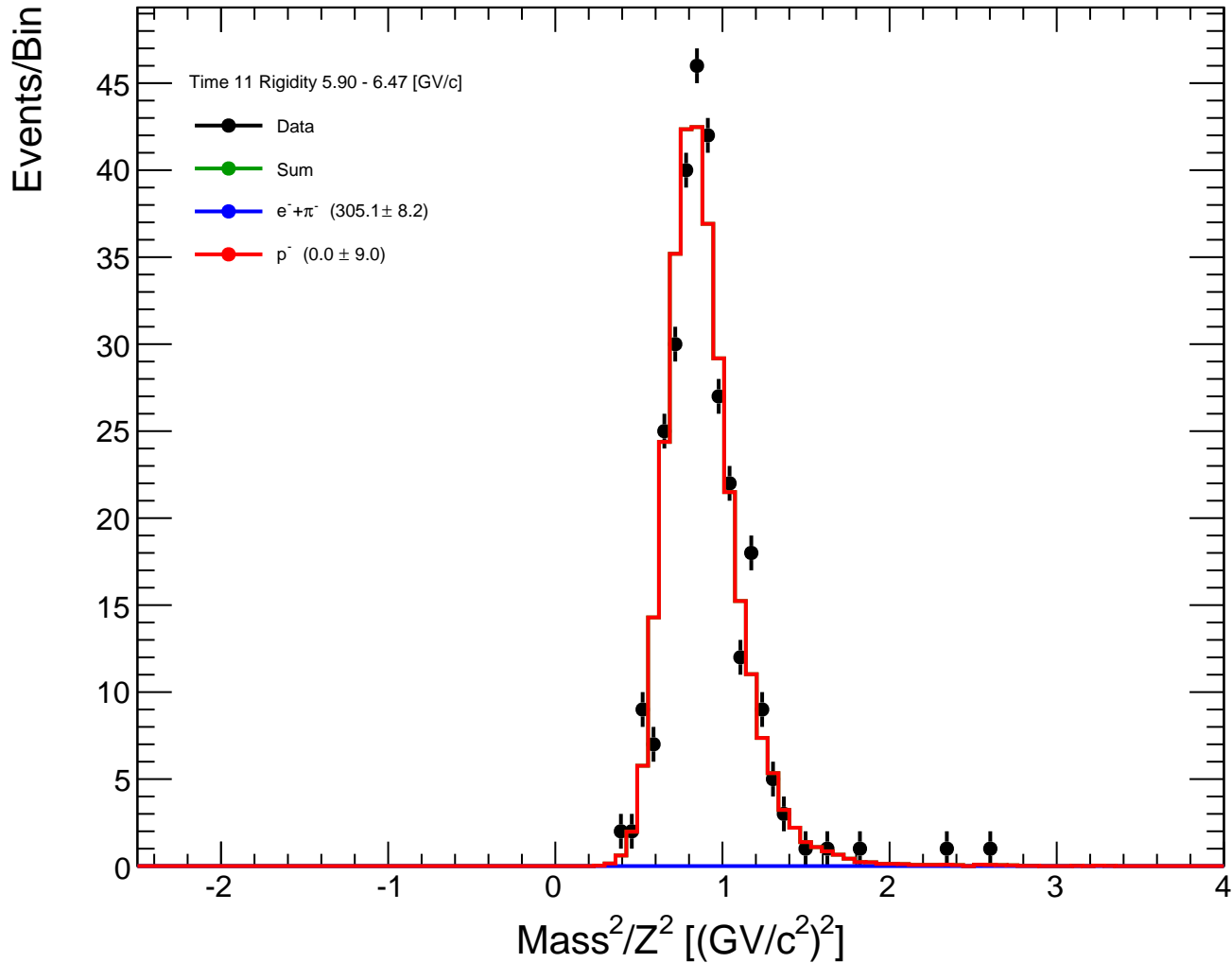


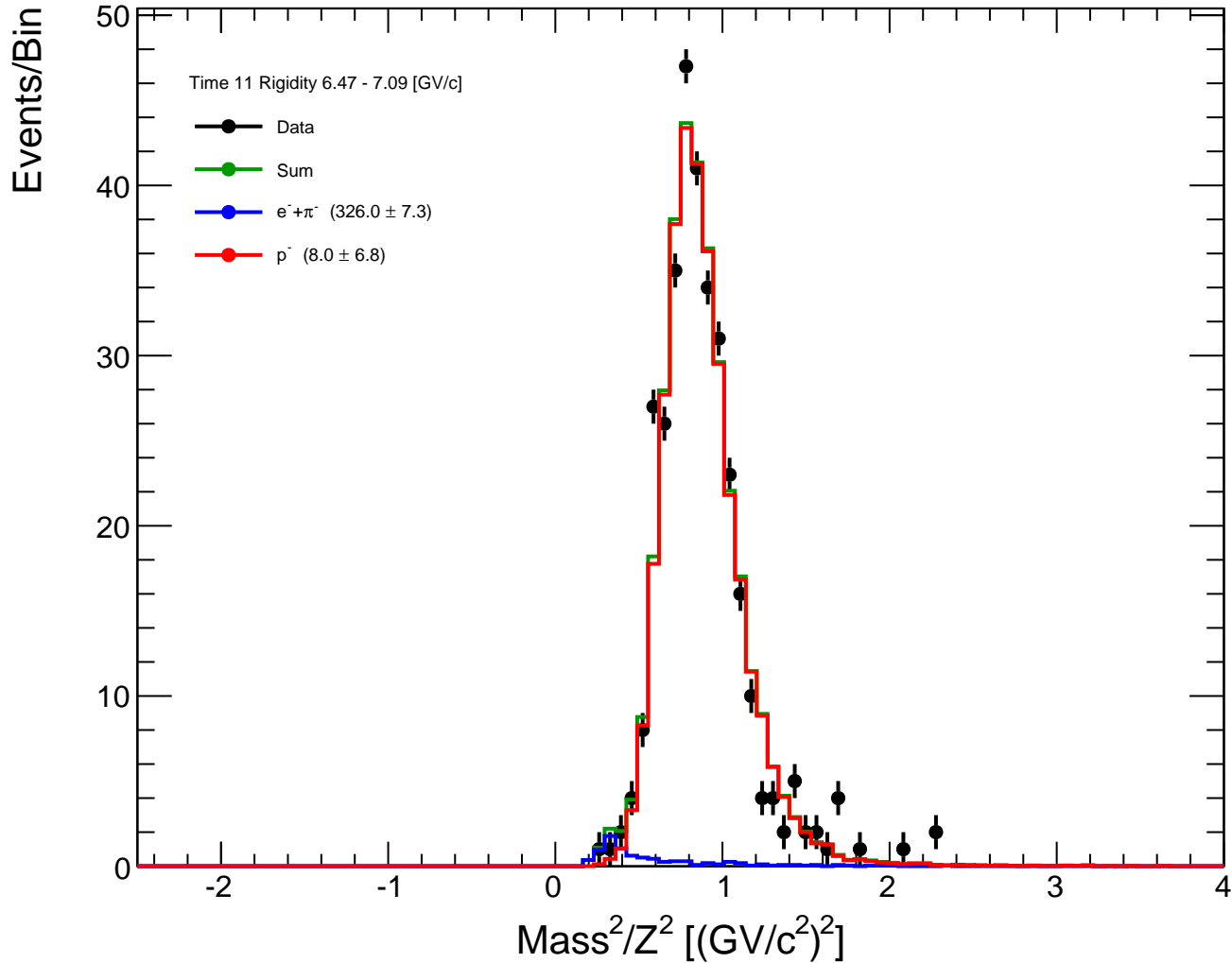








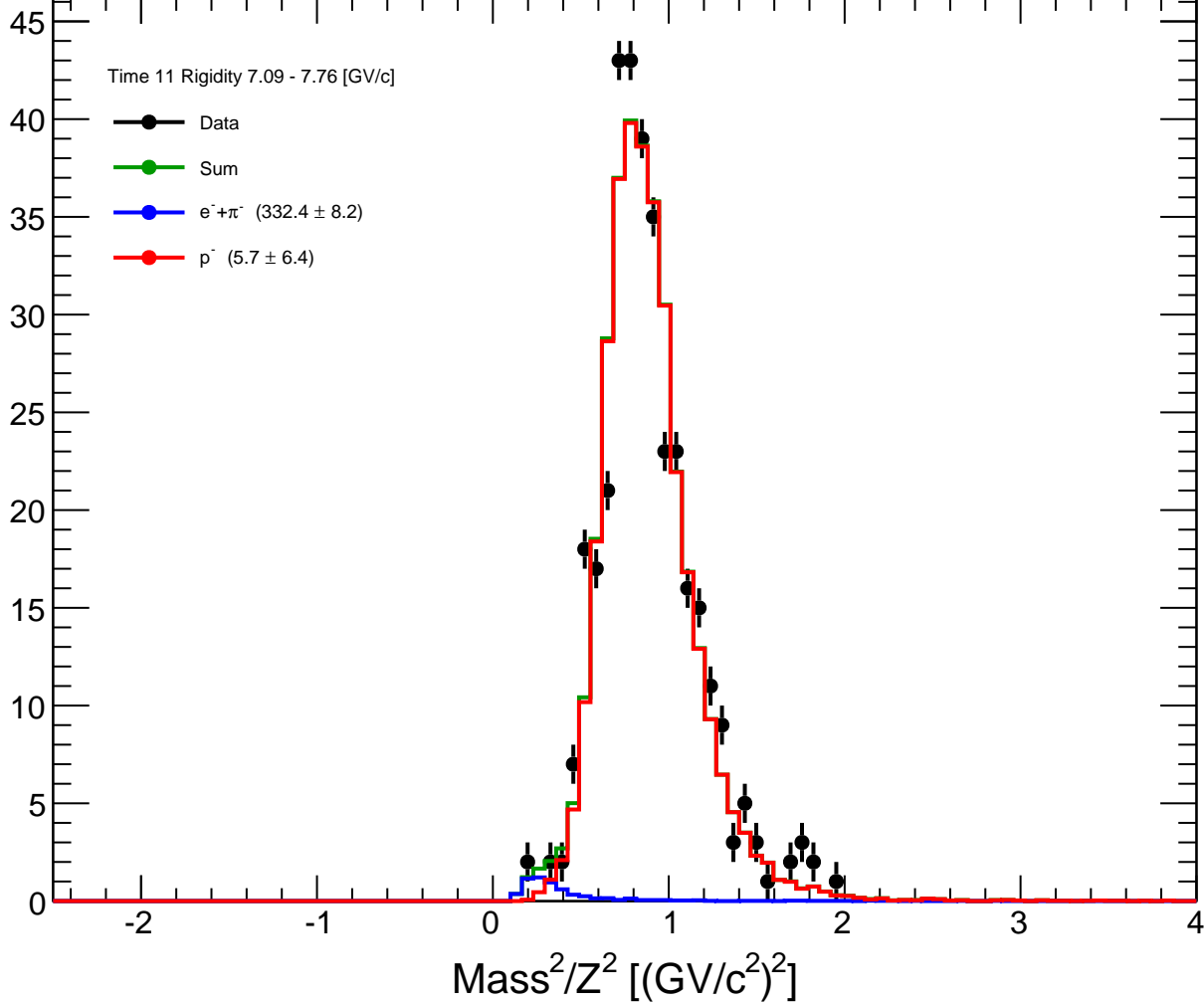


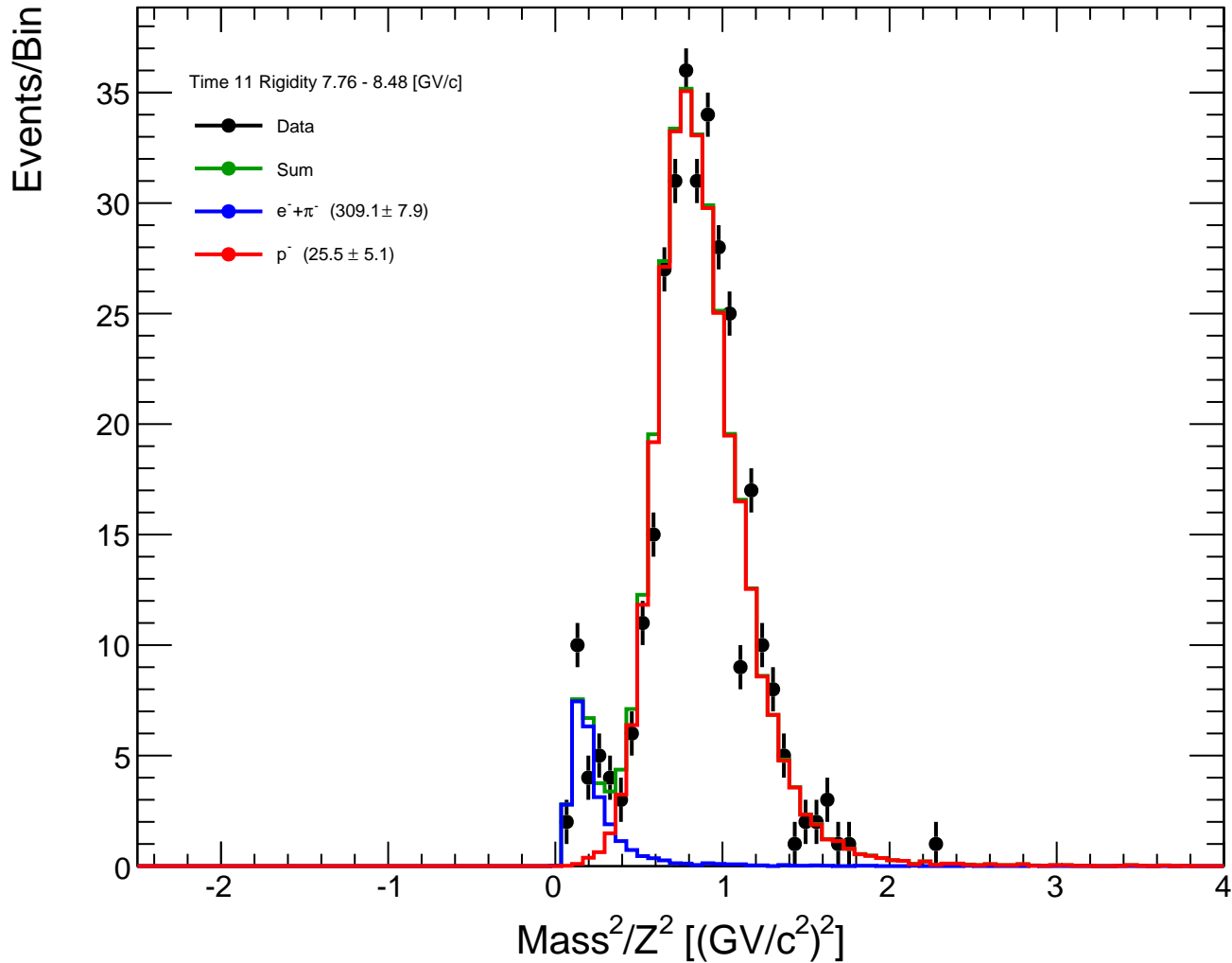


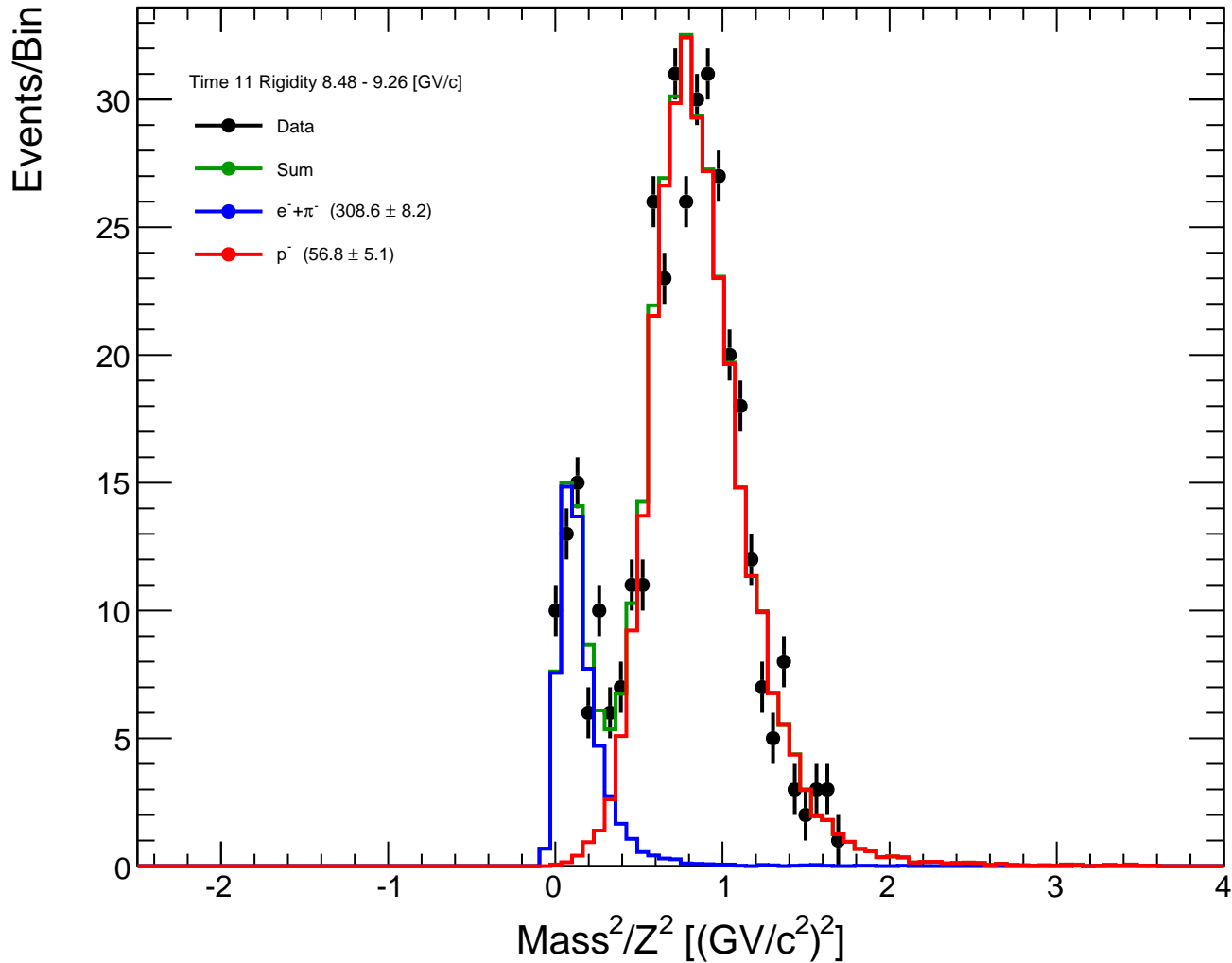
Events/Bin

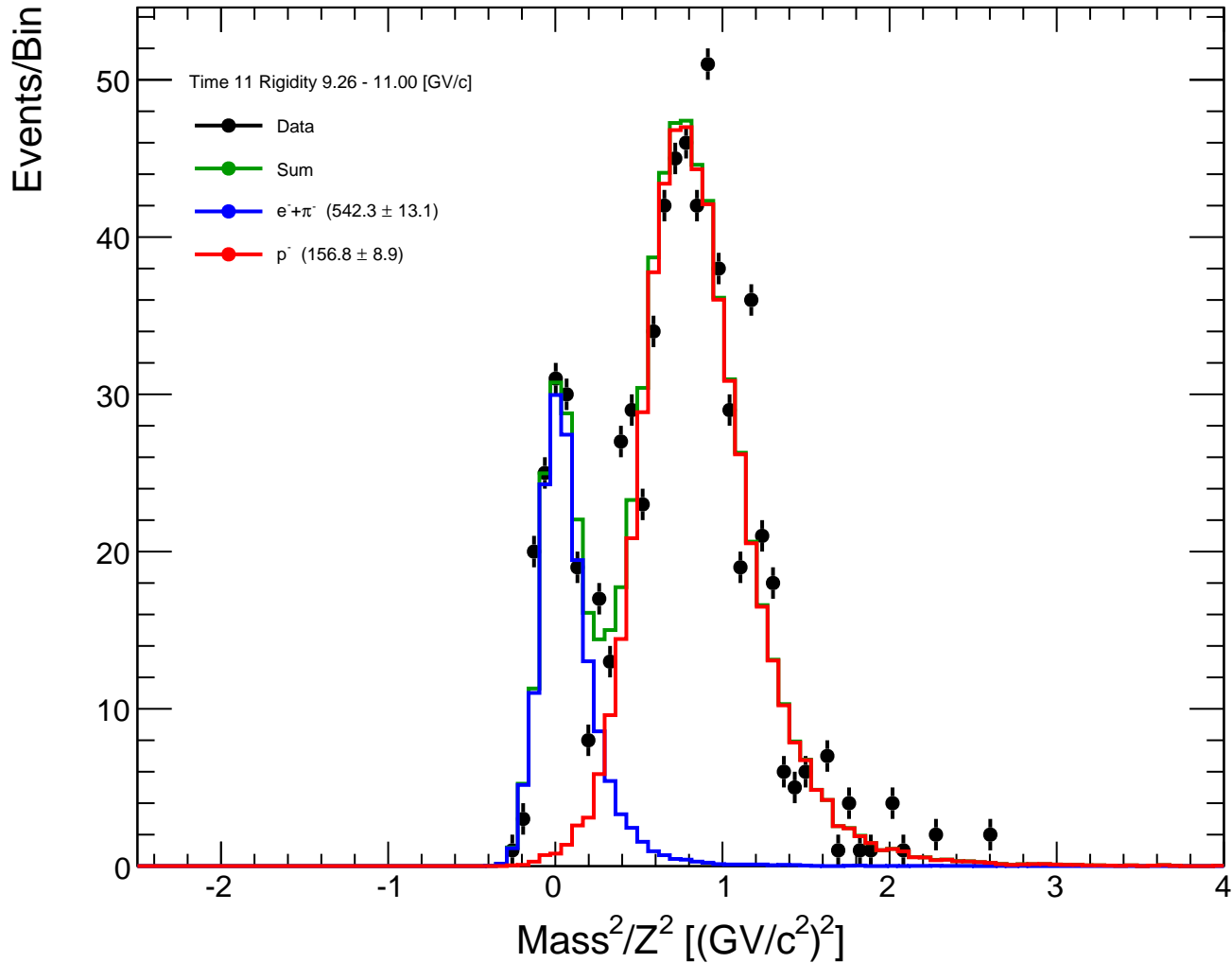
Time 11 Rigidity 7.09 - 7.76 [GV/c]

- Data
- Sum
- $e^- + \pi^-$ (332.4 ± 8.2)
- p^- (5.7 ± 6.4)

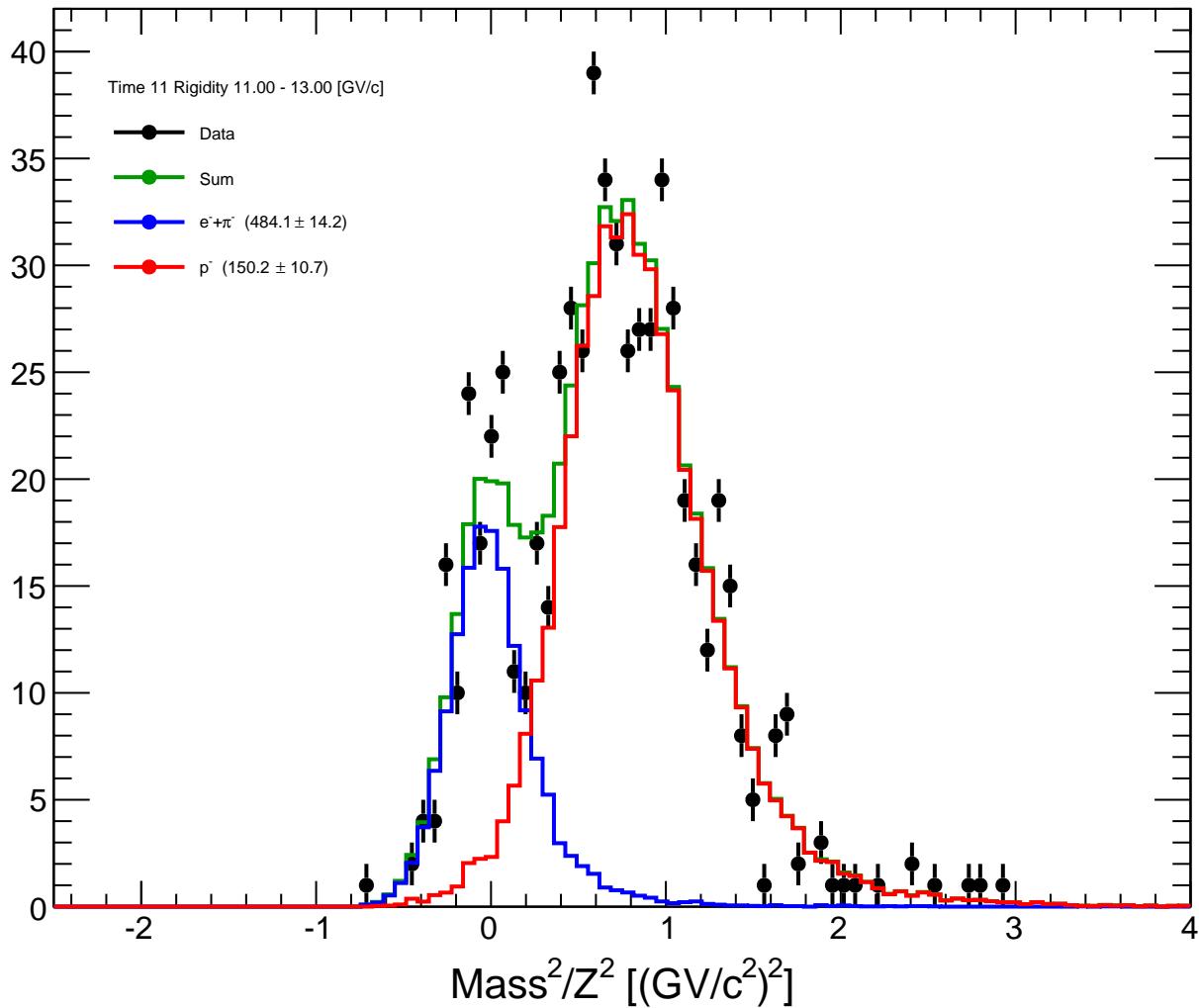




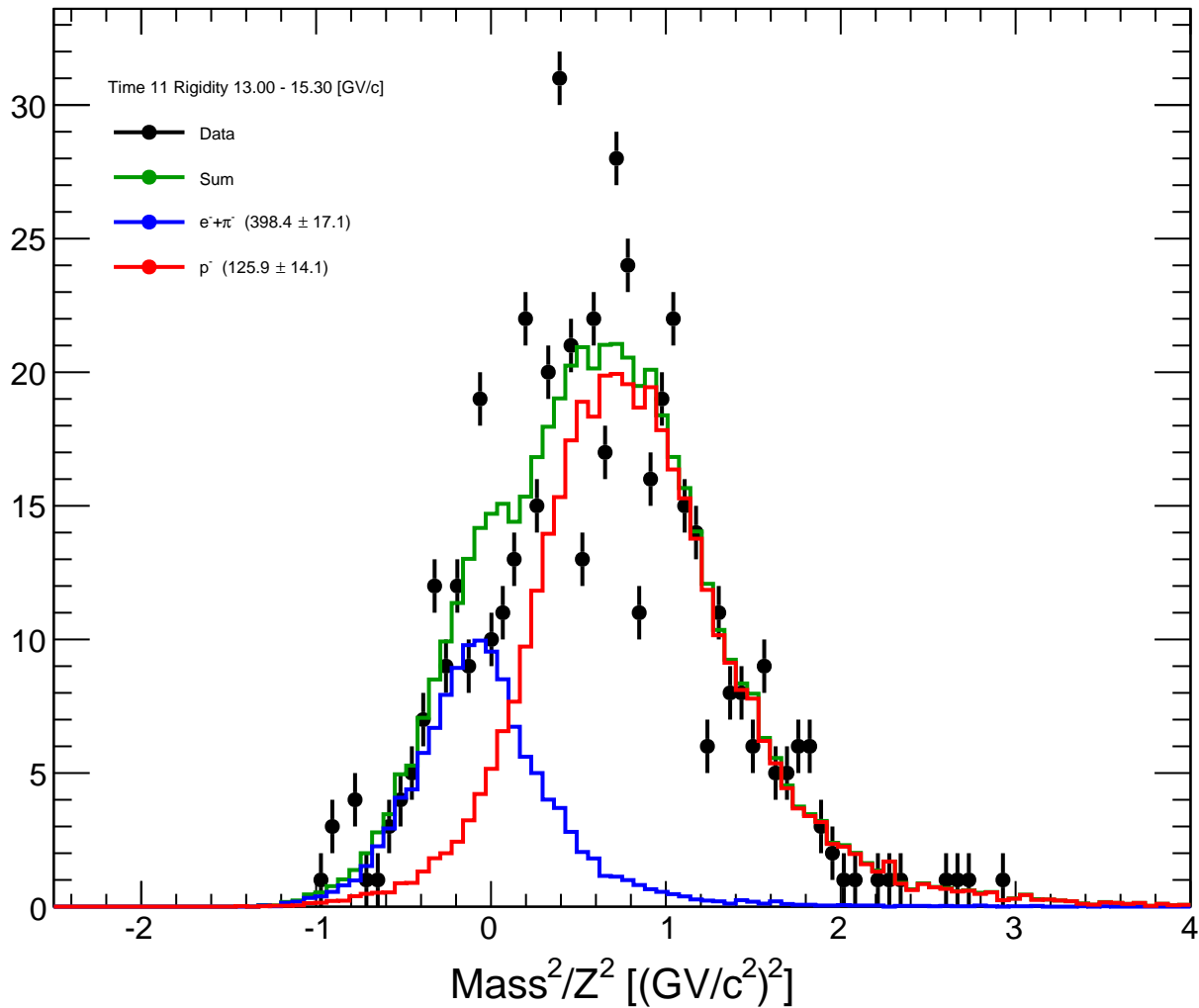


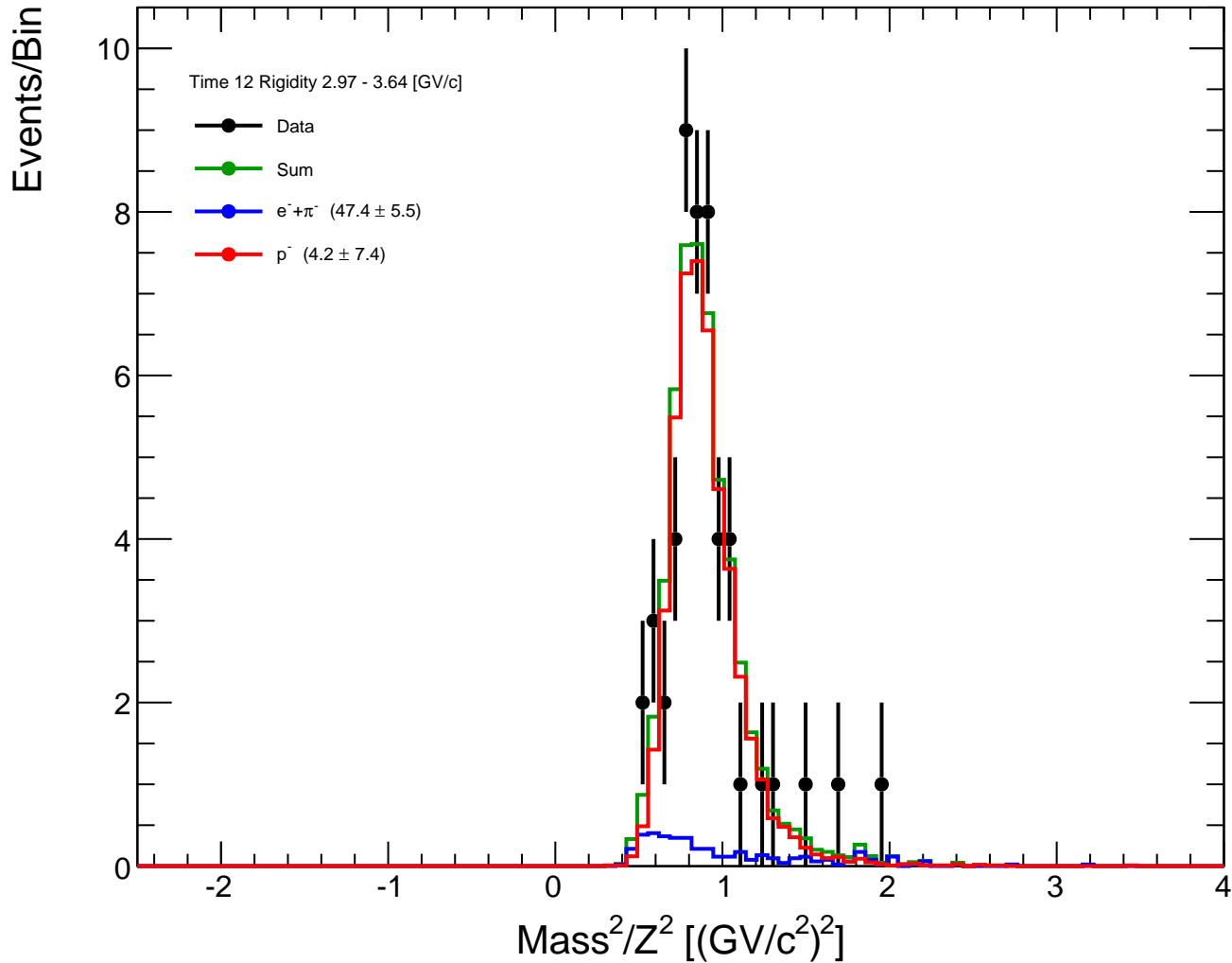


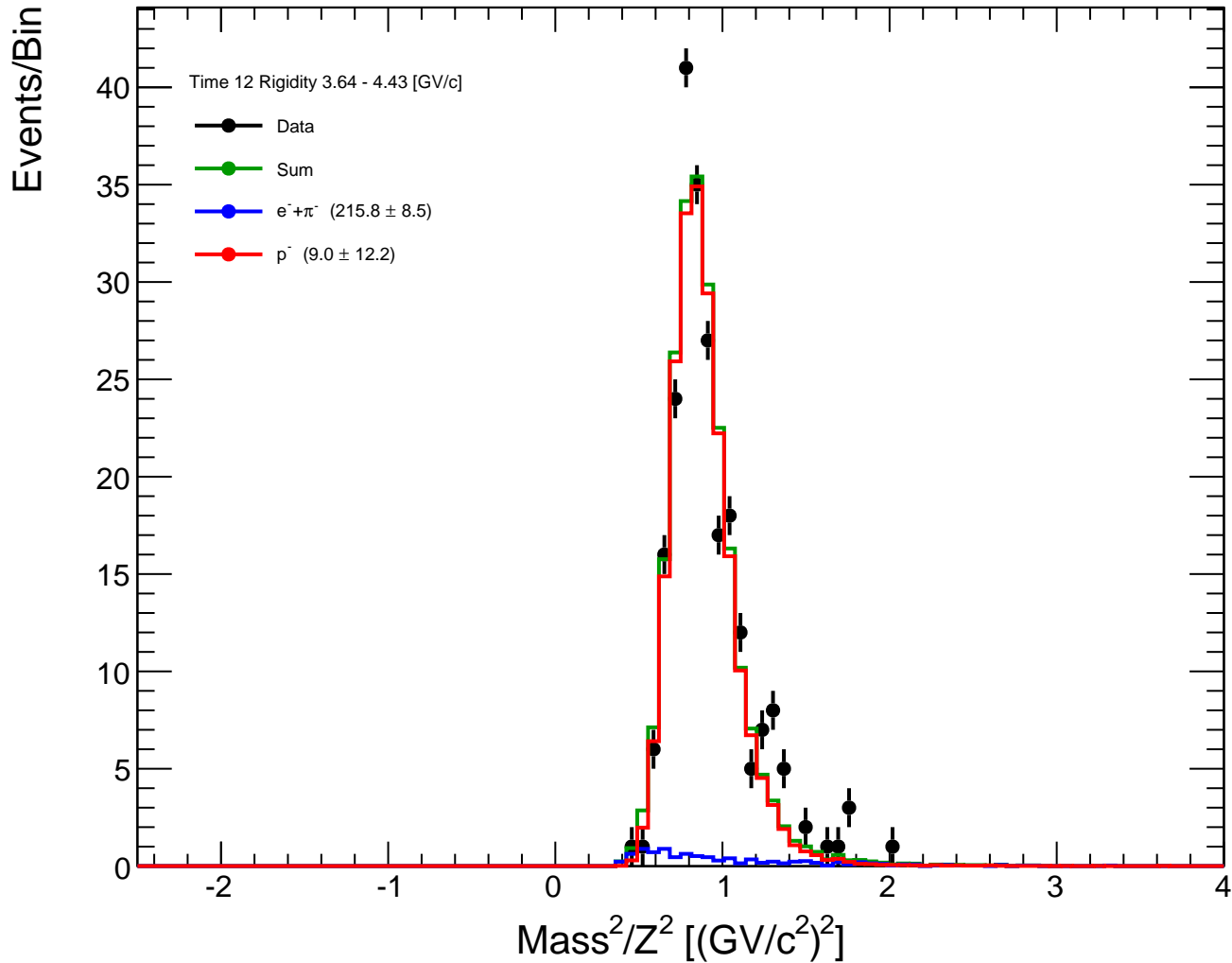
Events/Bin

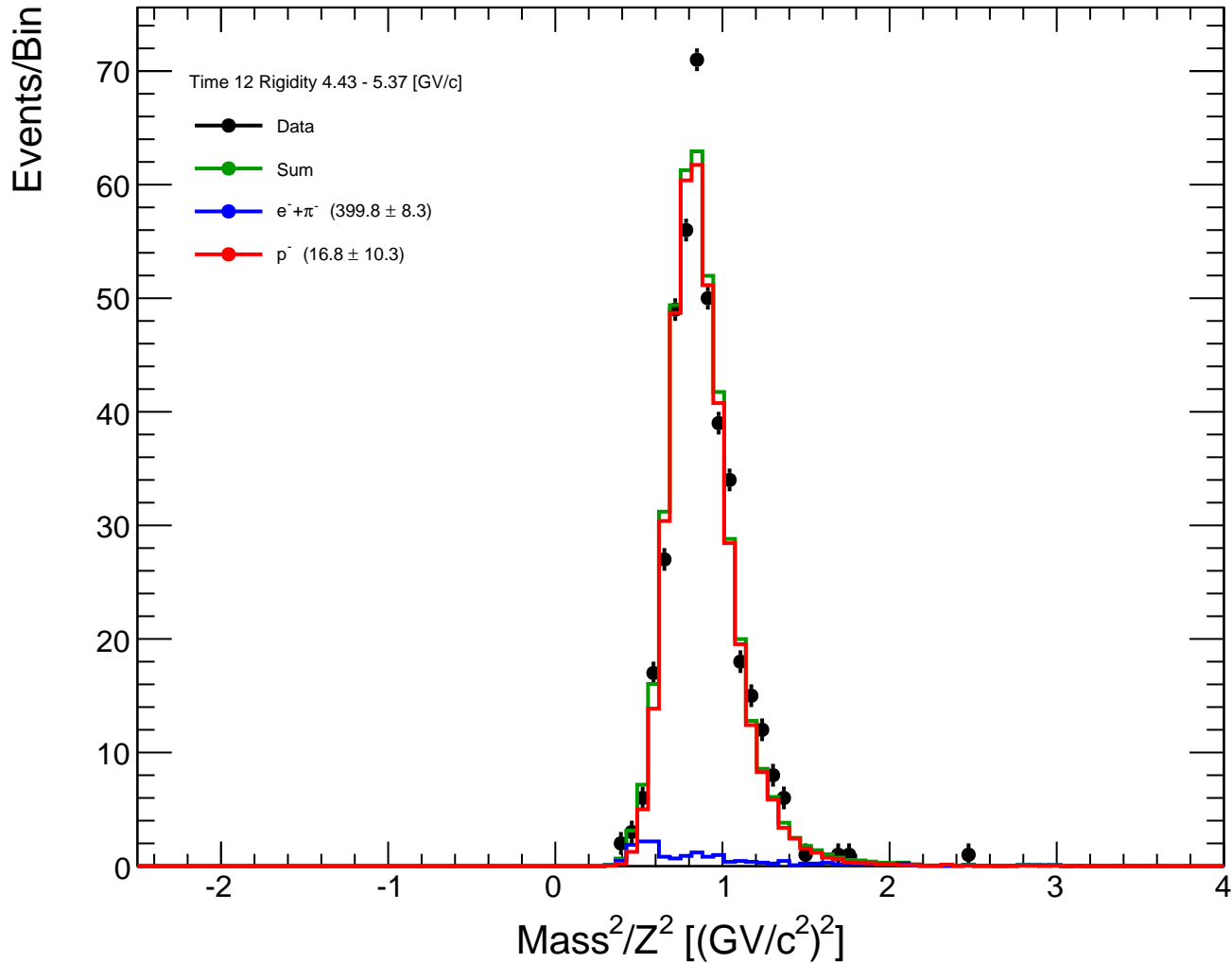


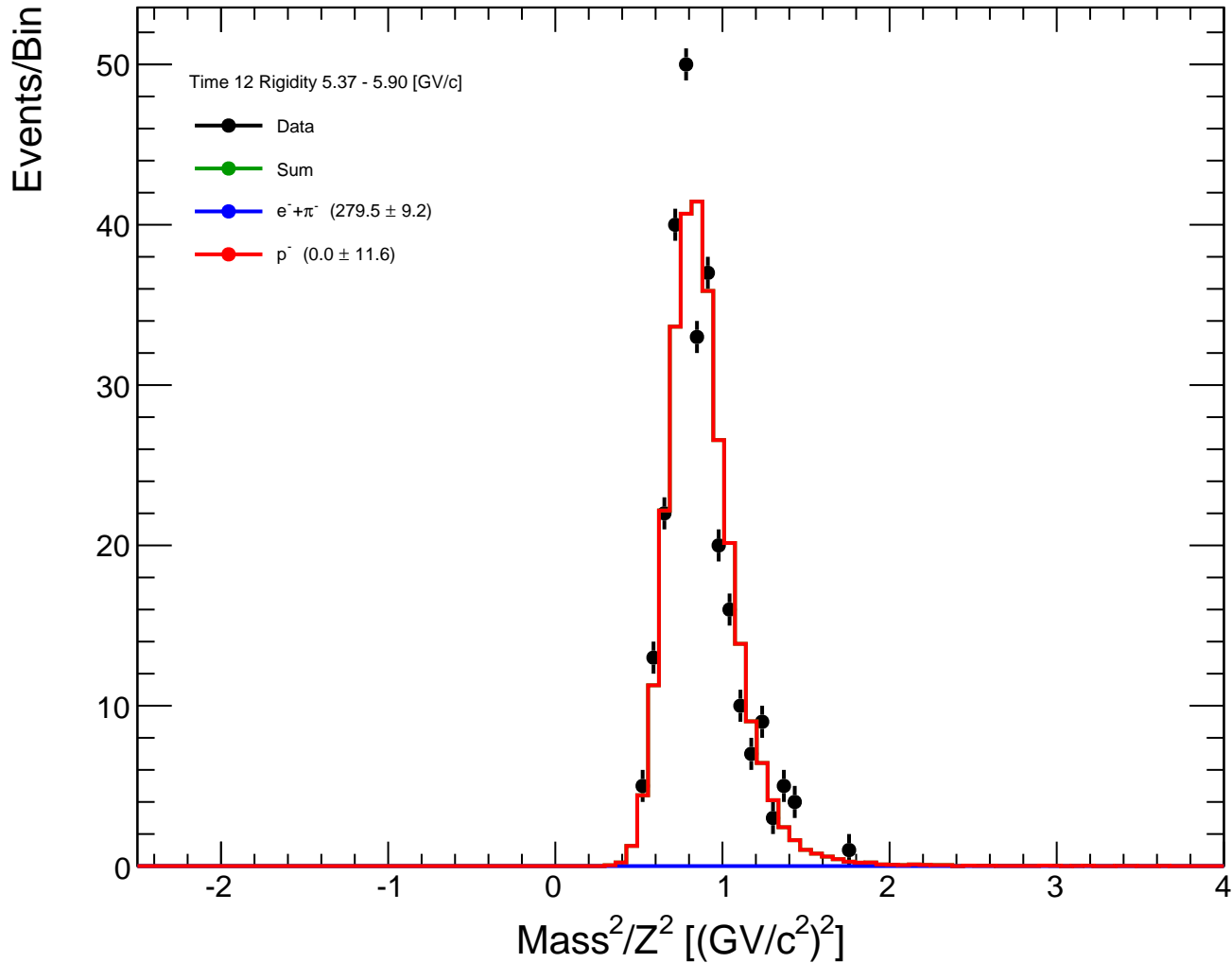
Events/Bin



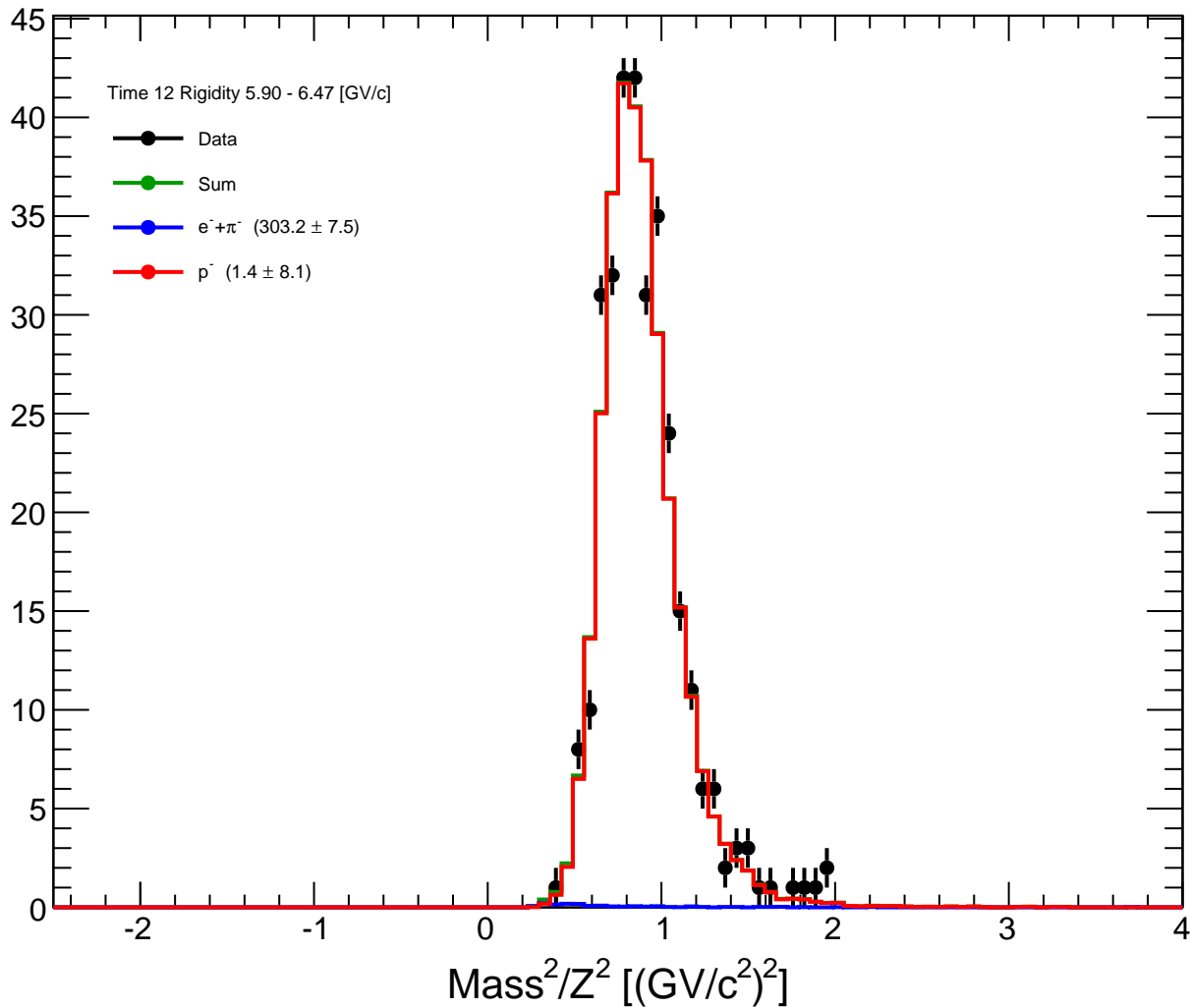


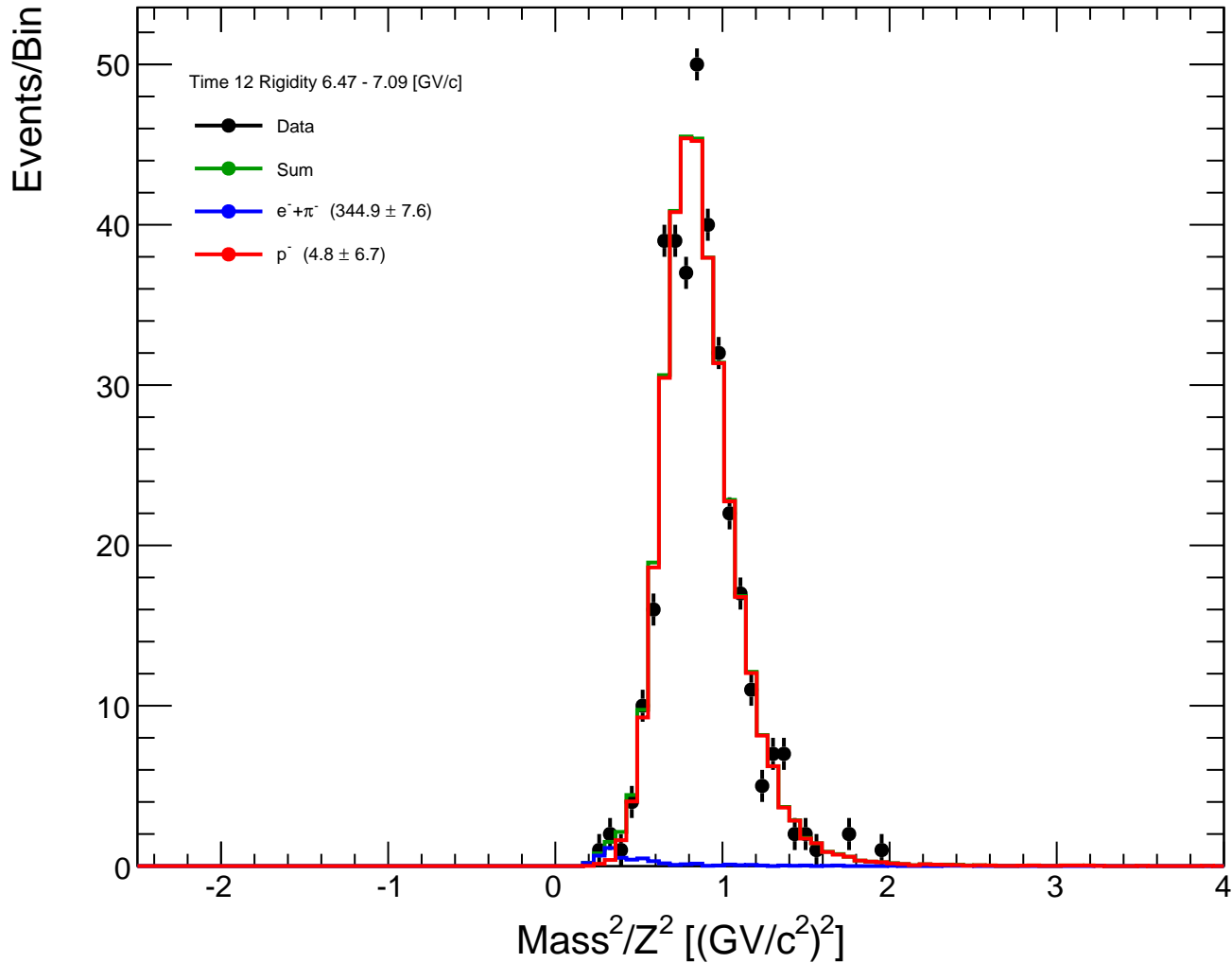






Events/Bin

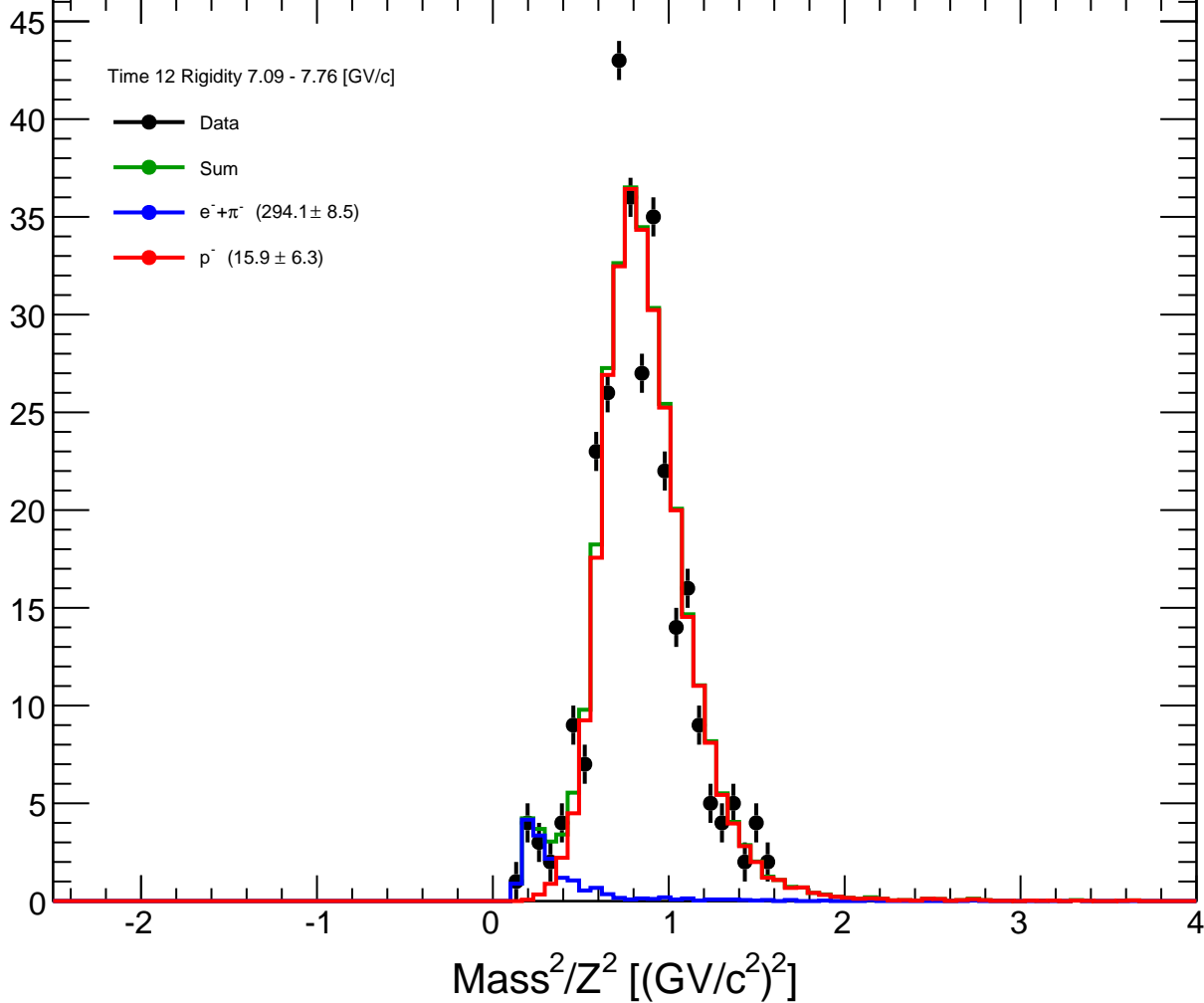


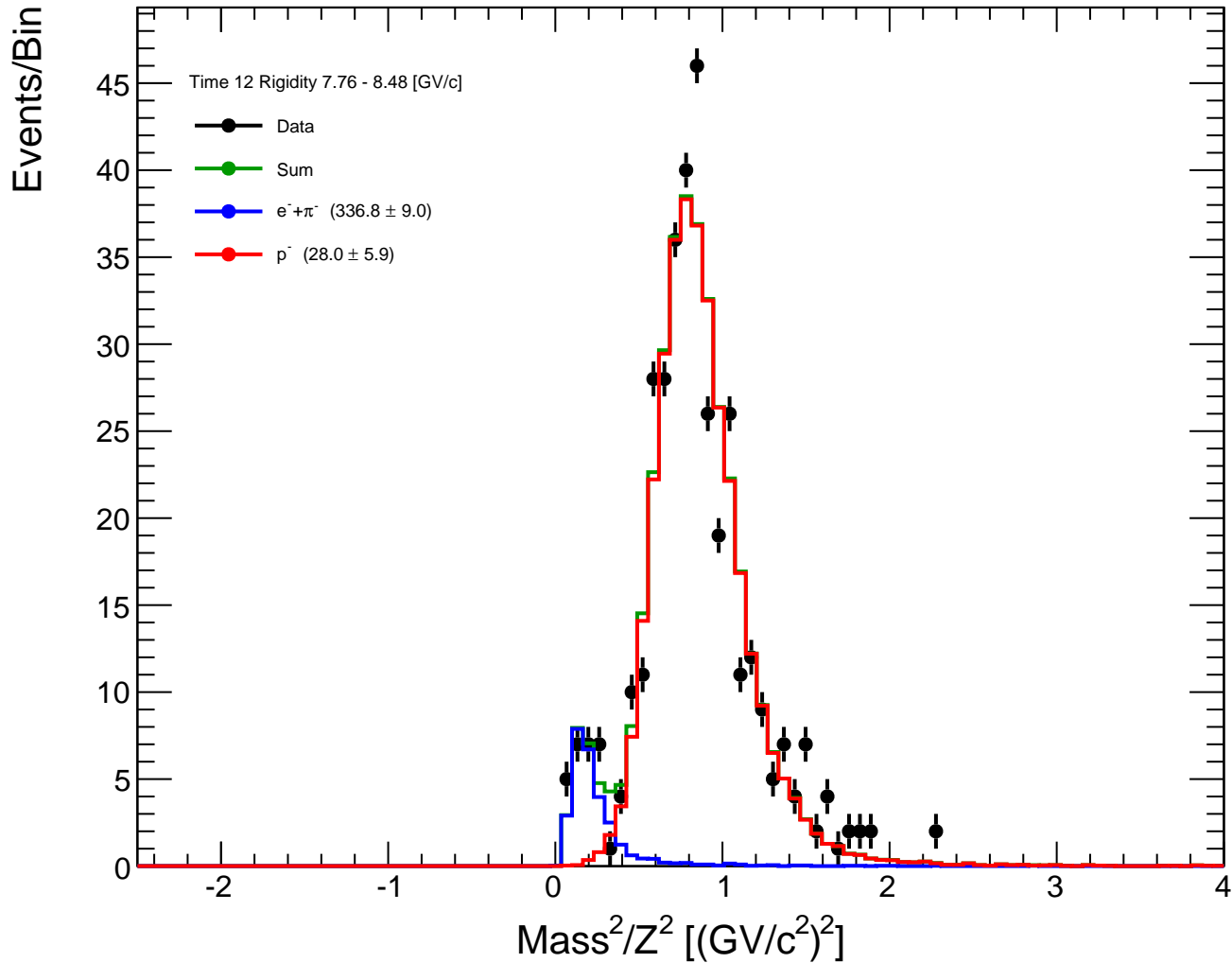


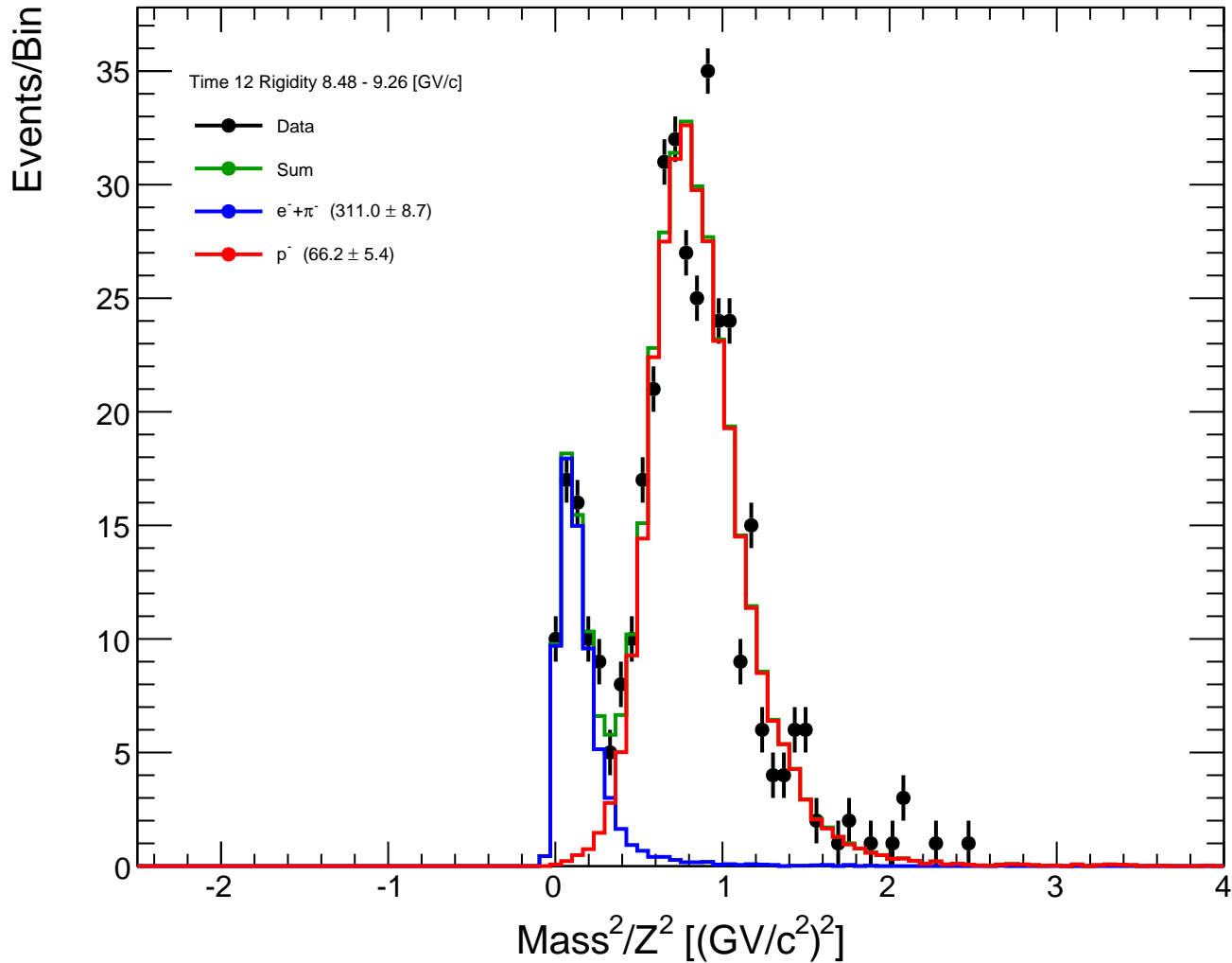
Events/Bin

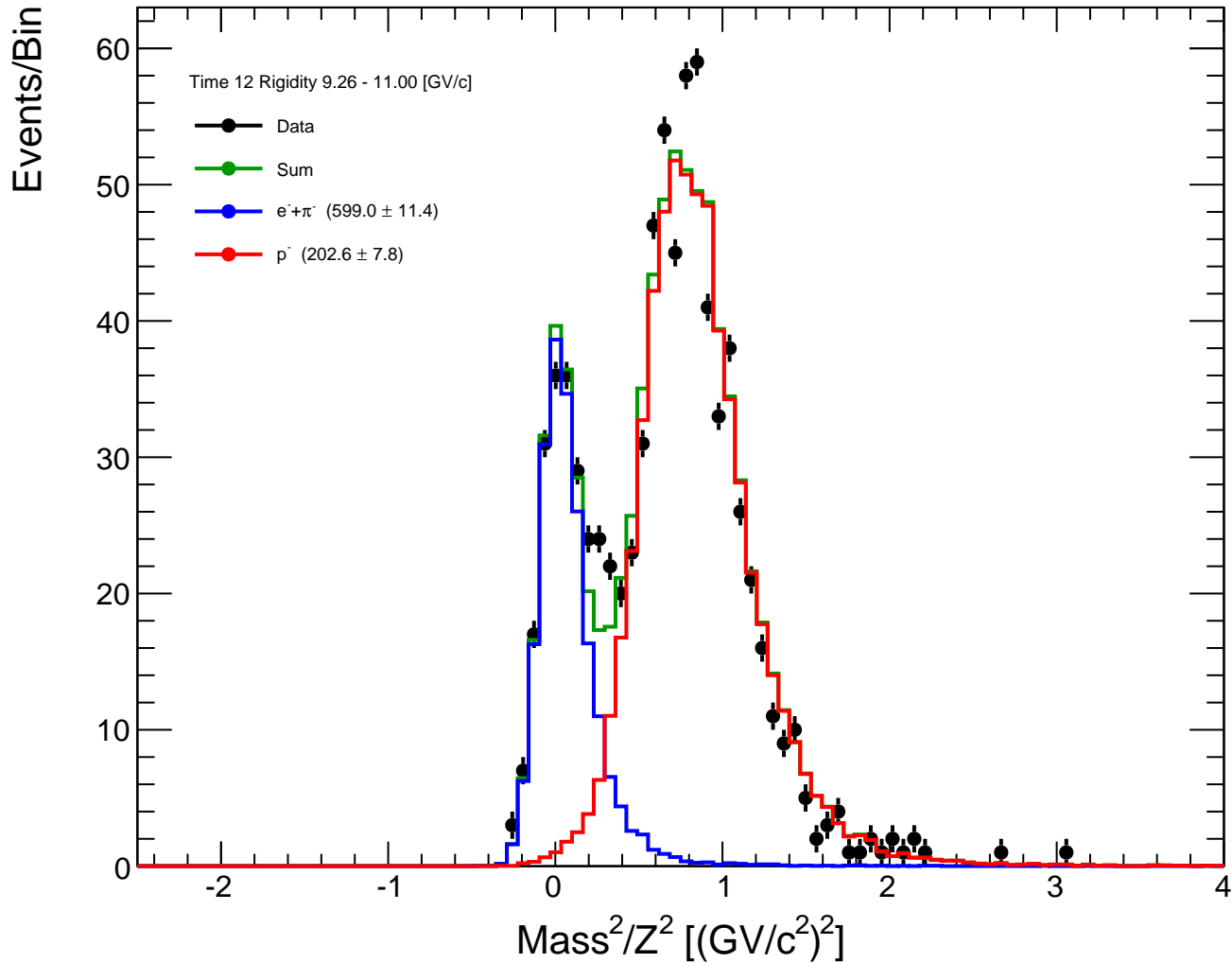
Time 12 Rigidity 7.09 - 7.76 [GV/c]

- Data
- Sum
- $e^- + \pi^-$ (294.1 ± 8.5)
- p^- (15.9 ± 6.3)

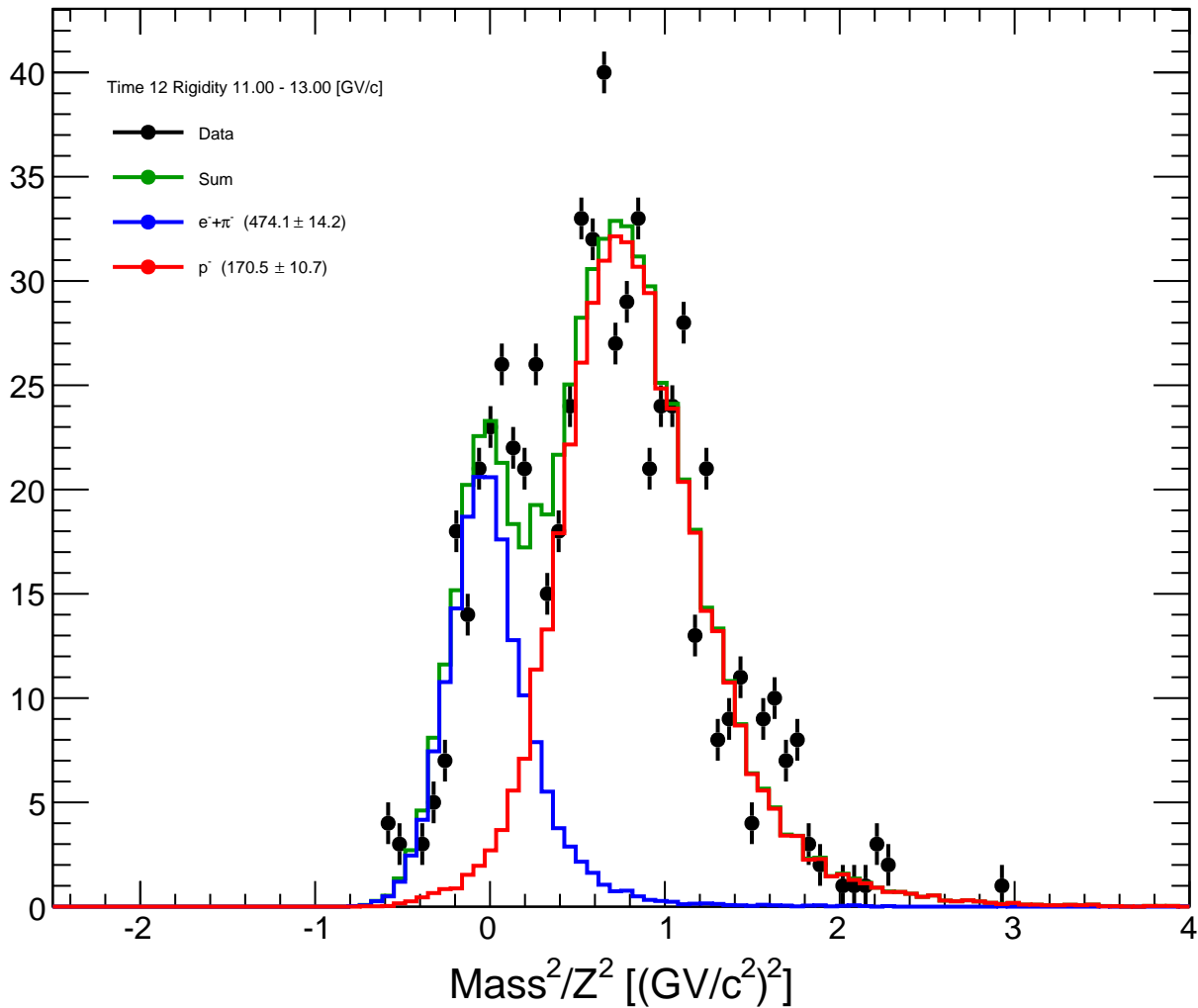


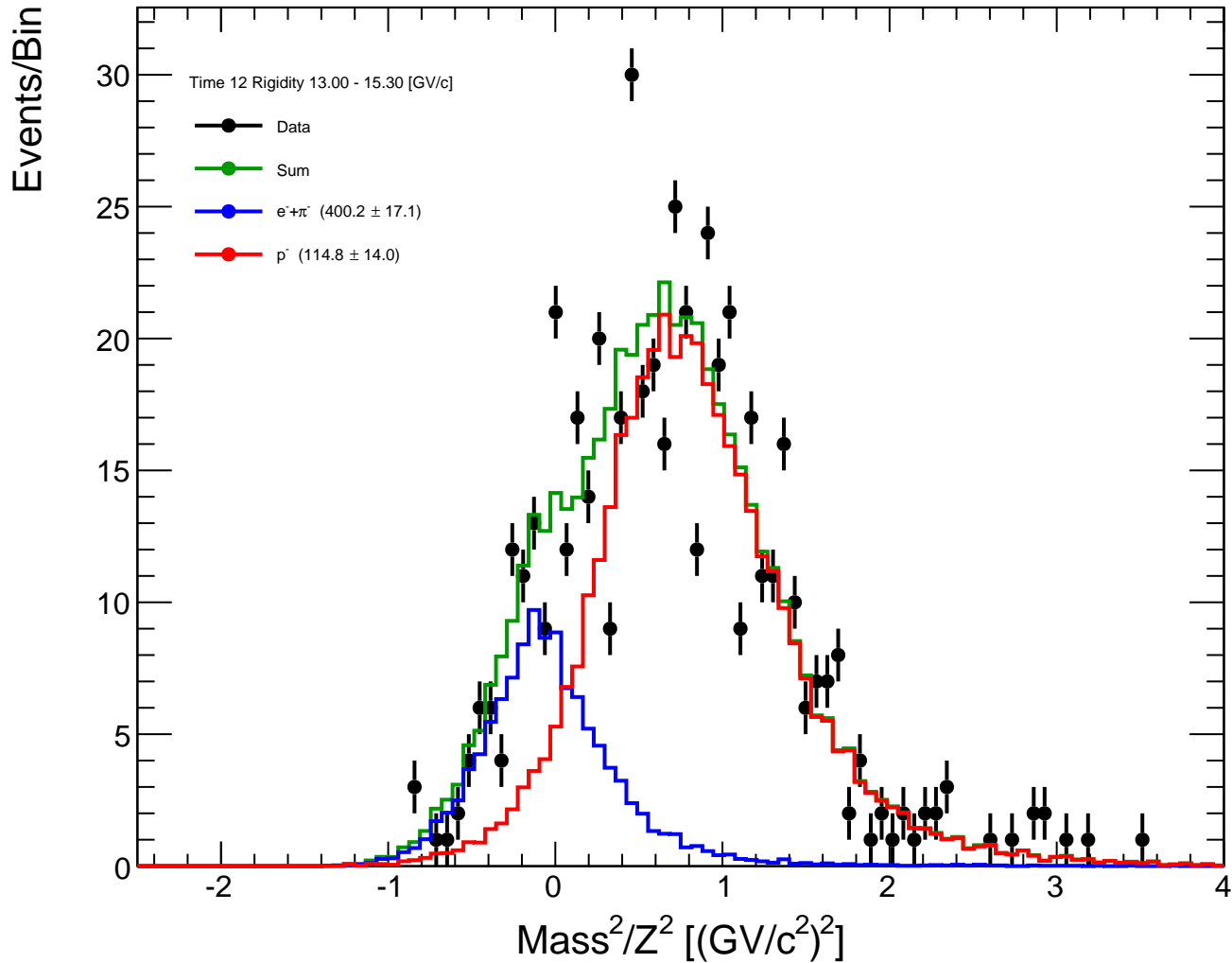


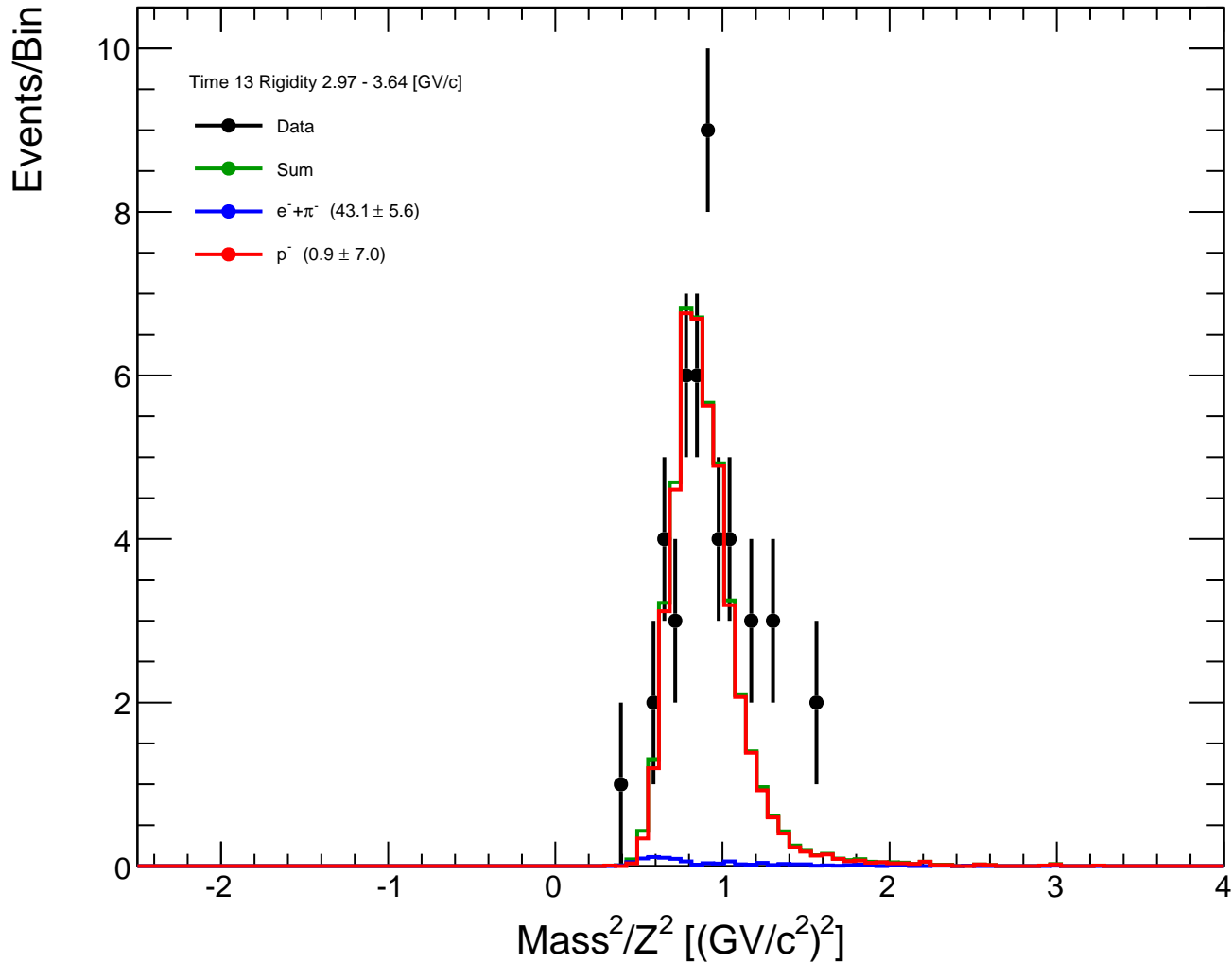


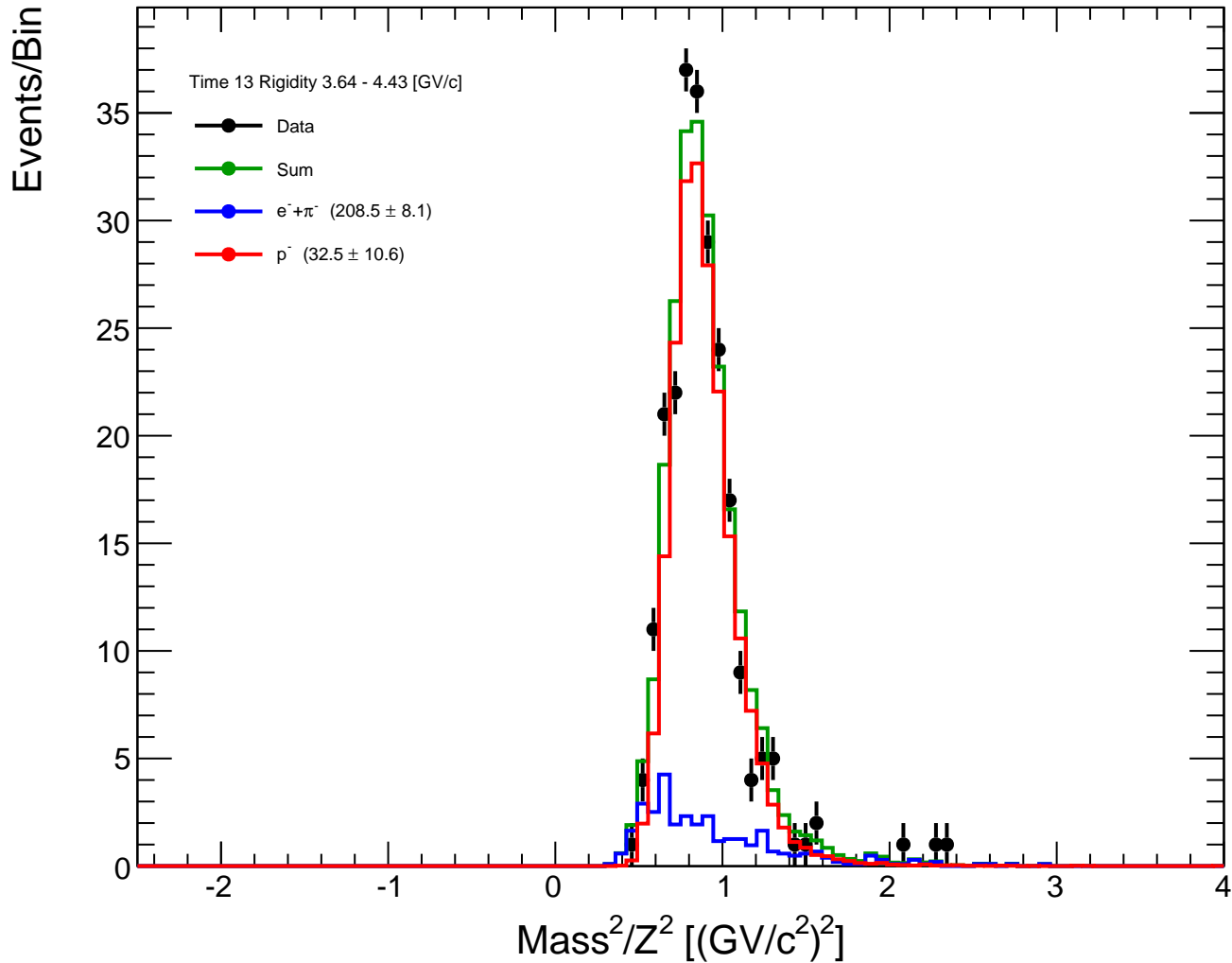


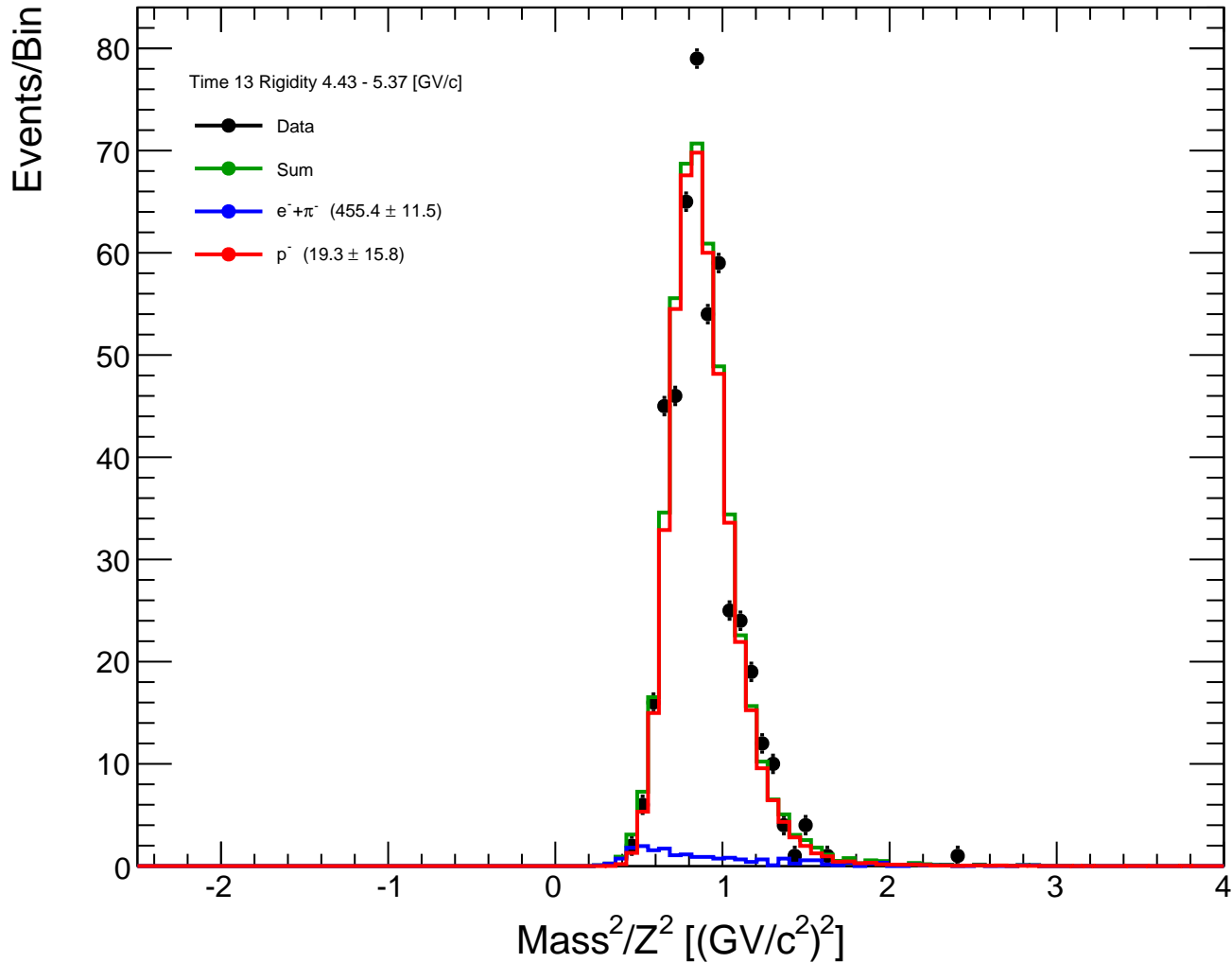
Events/Bin

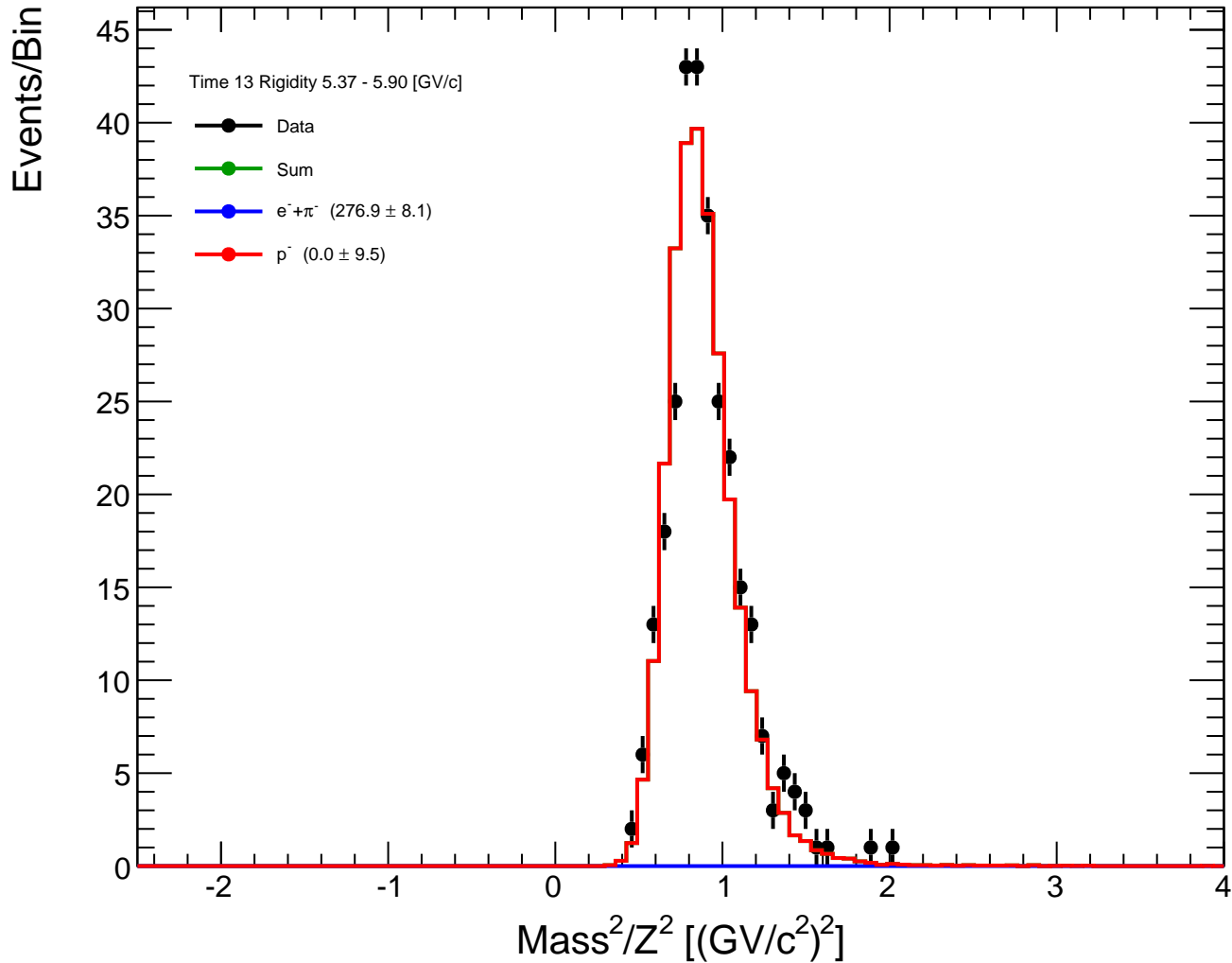


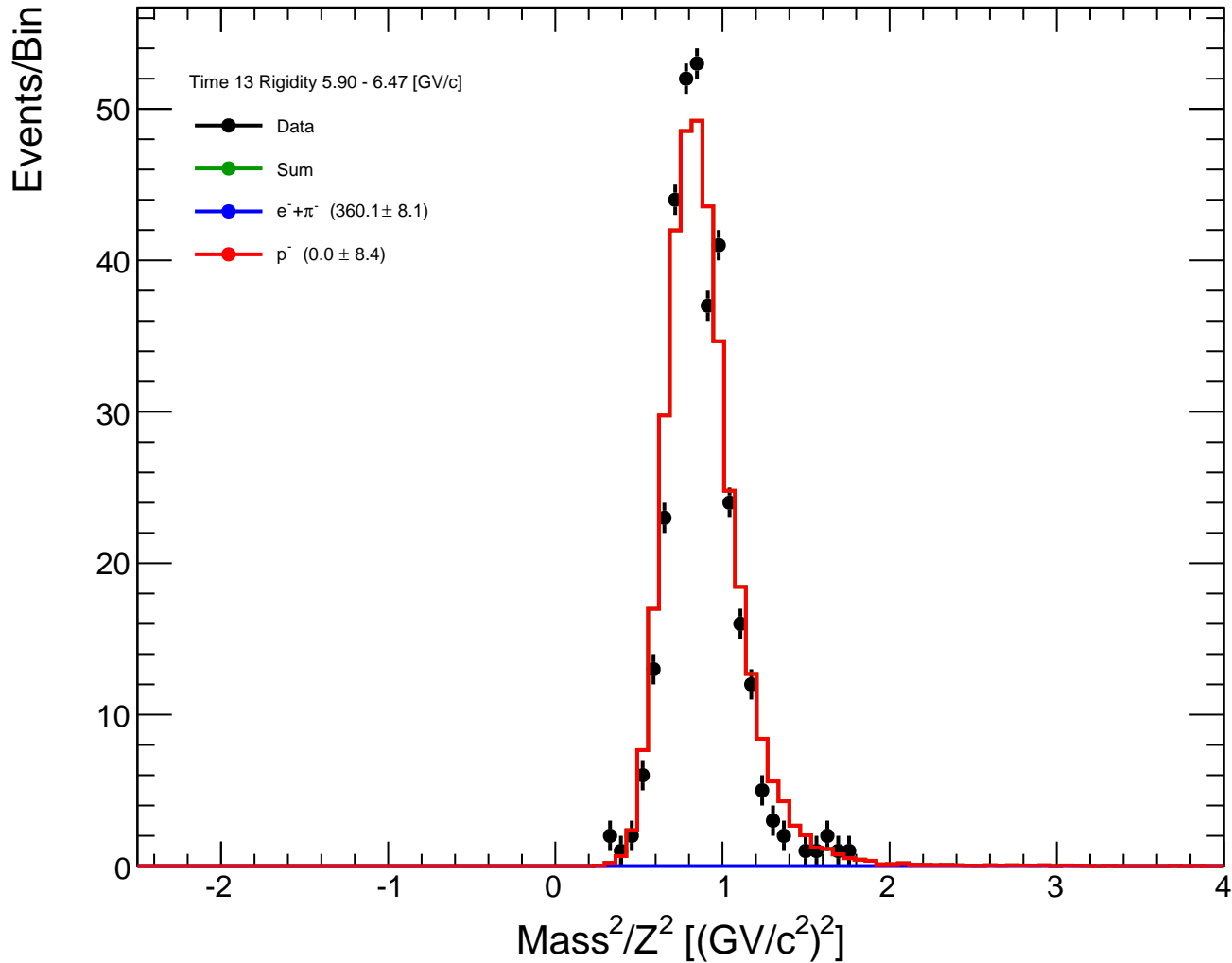


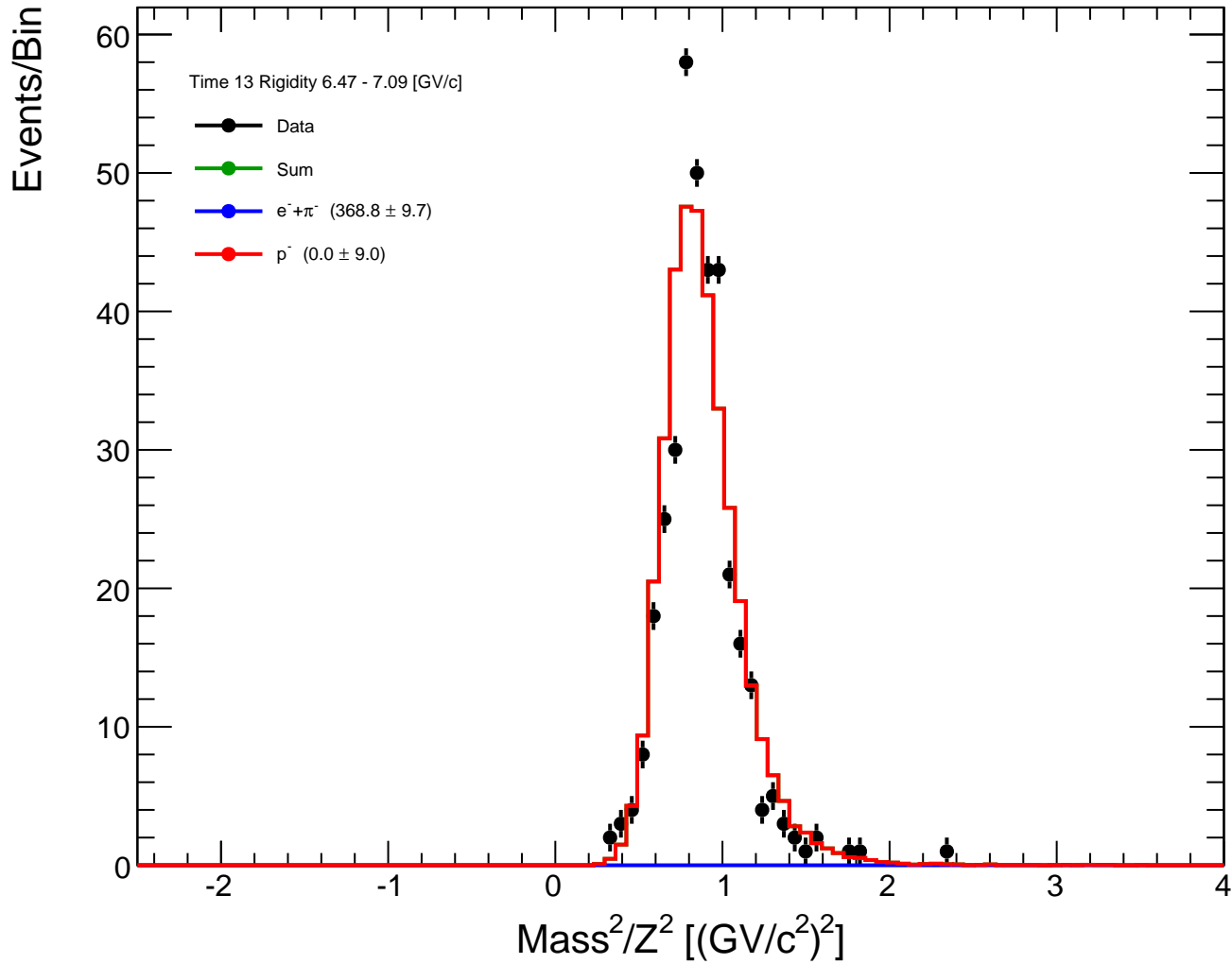


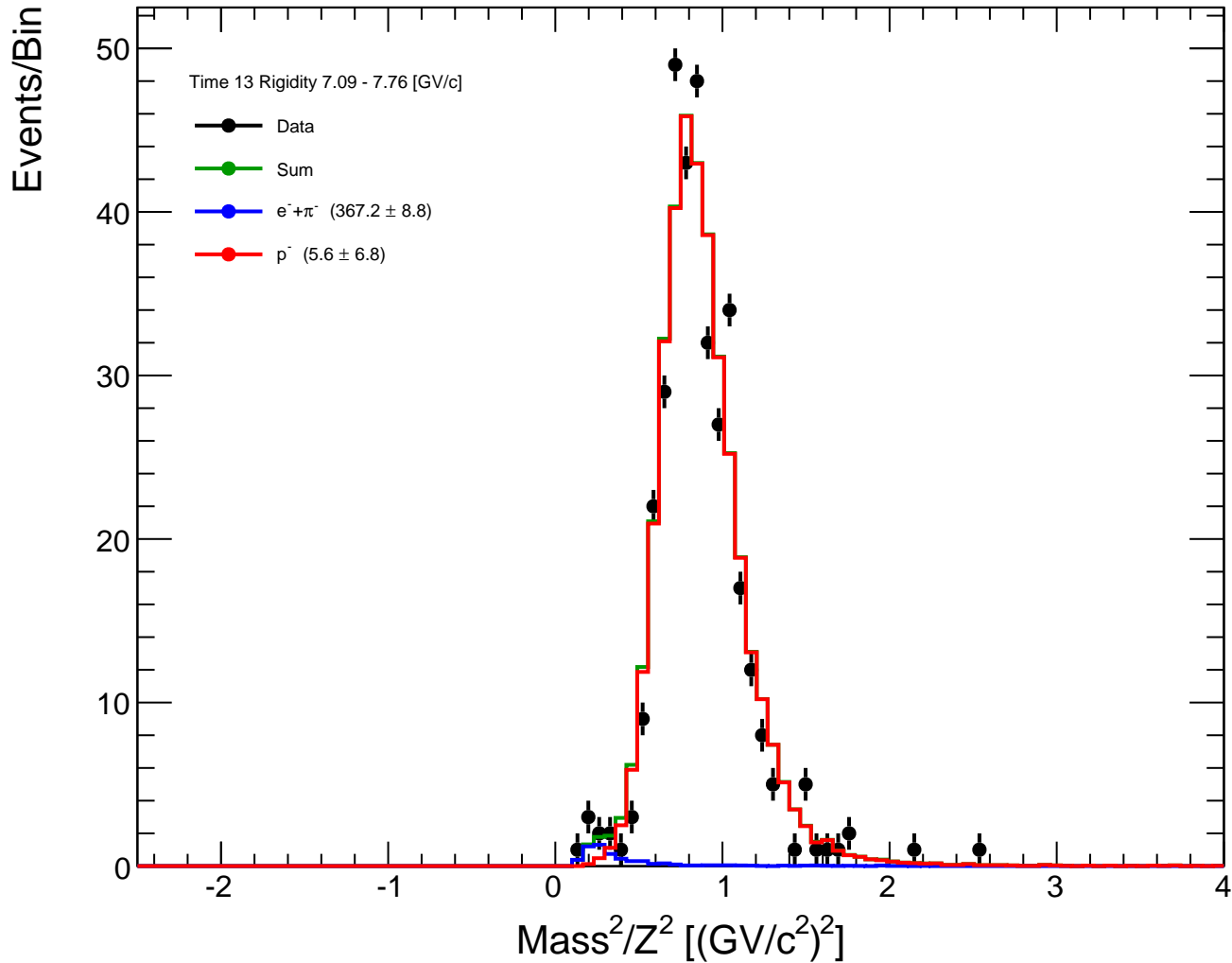


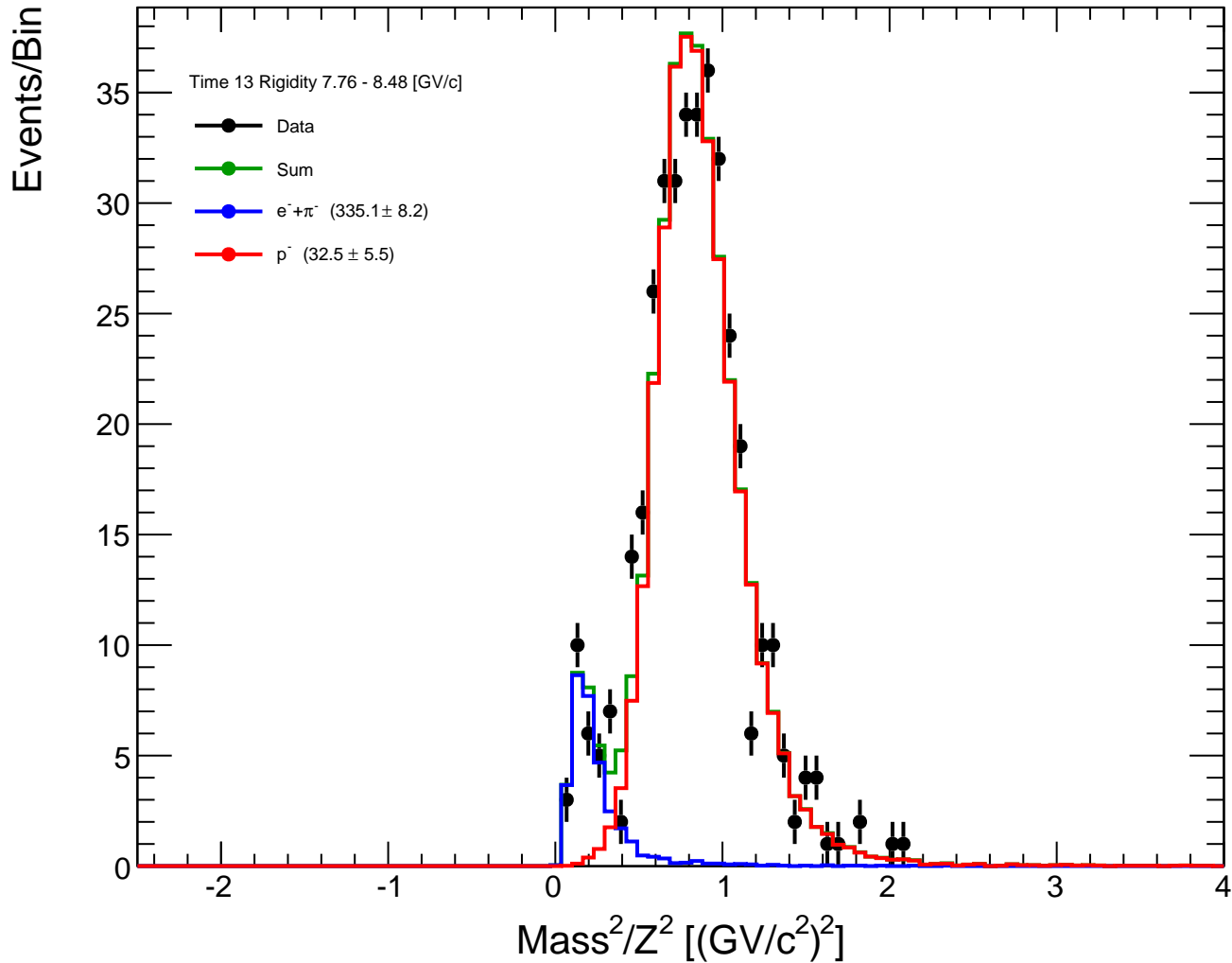


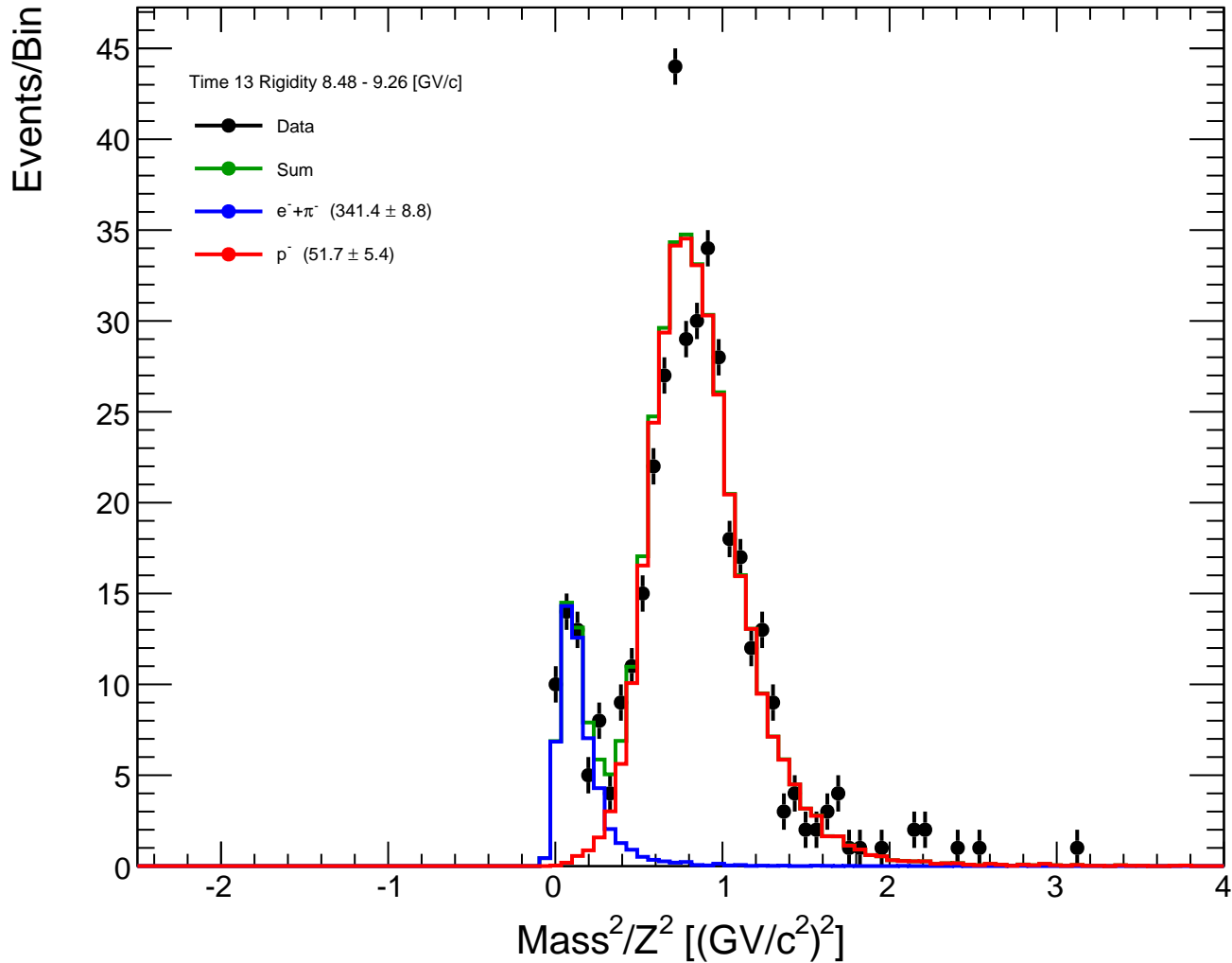




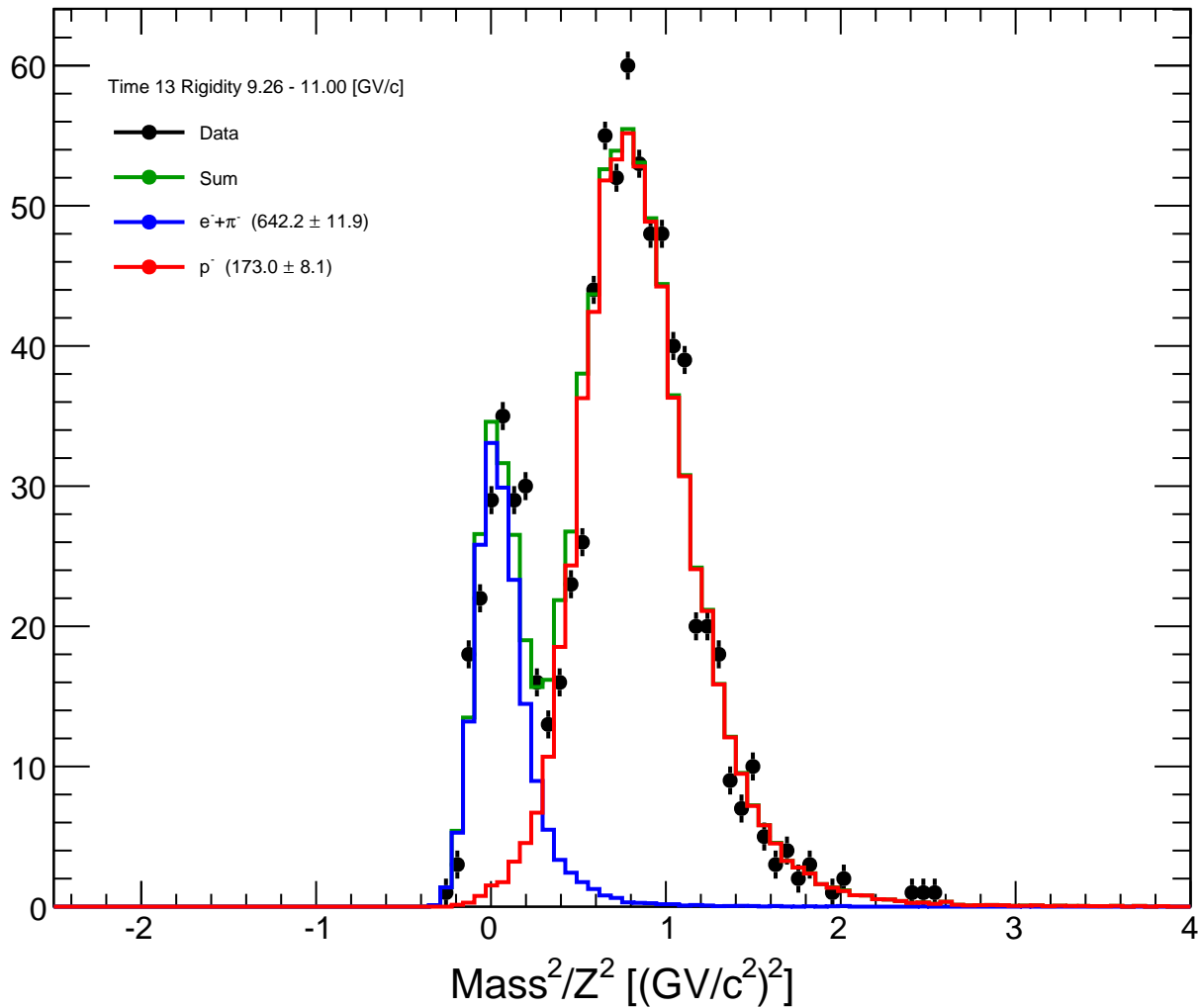




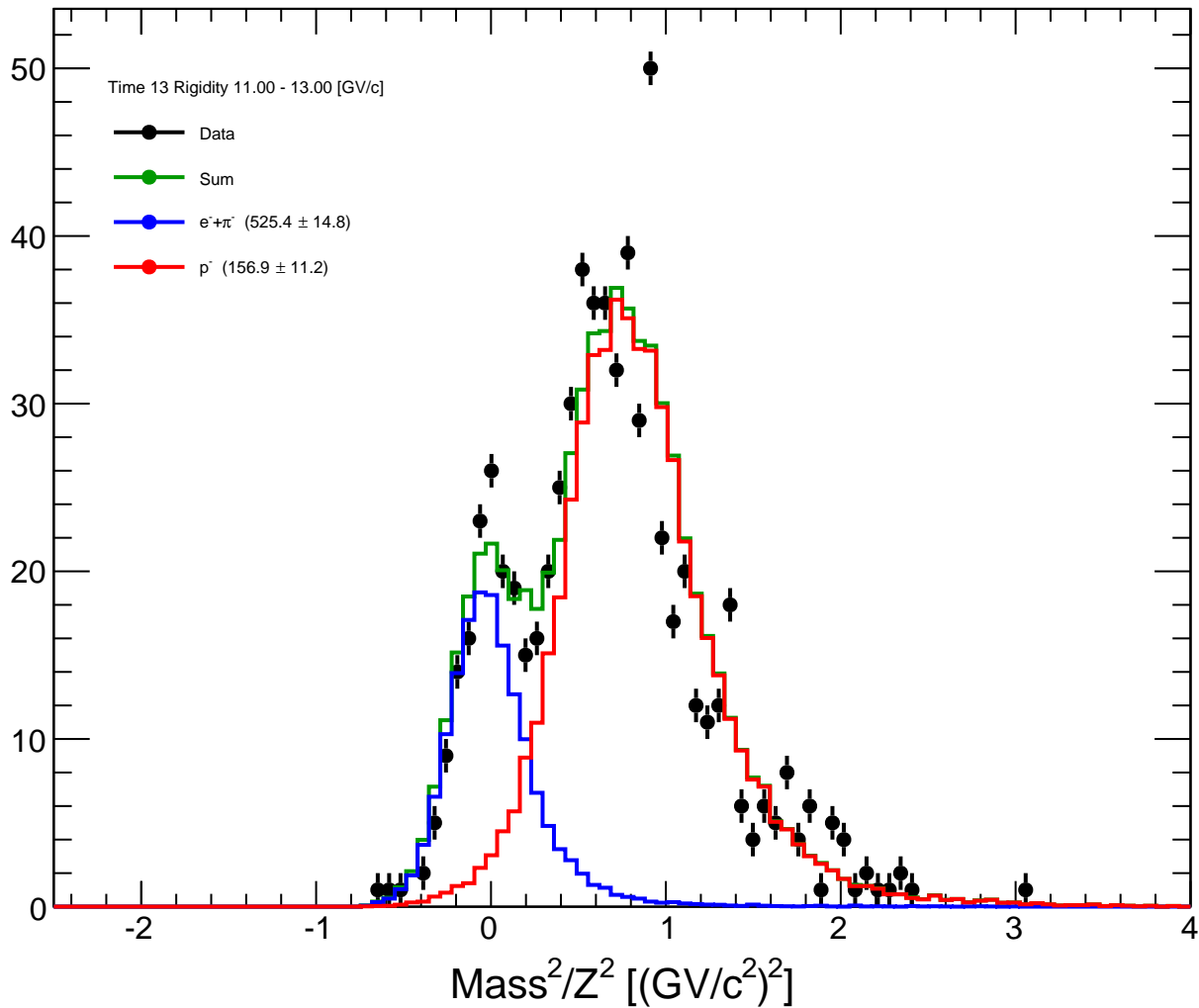




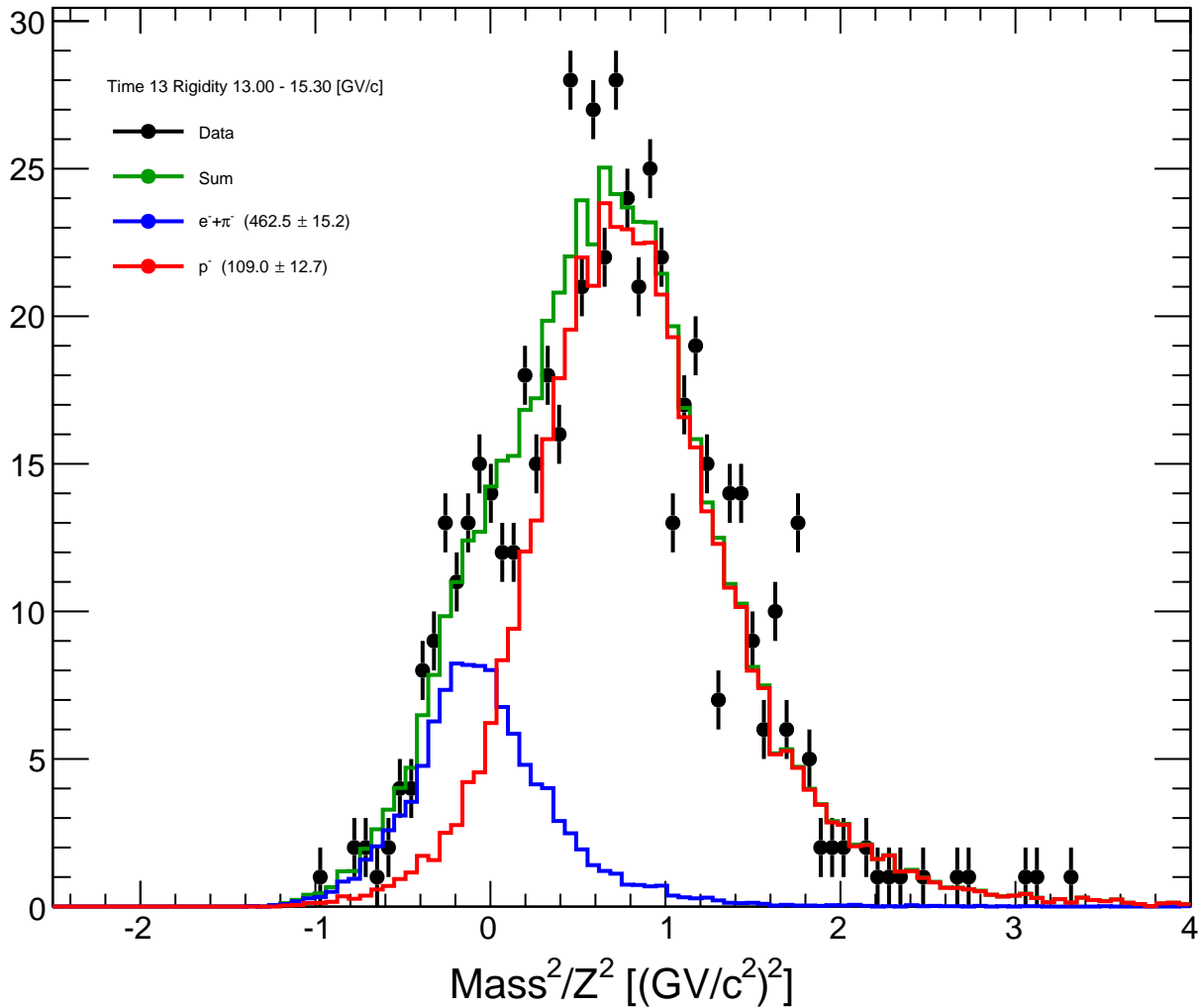
Events/Bin

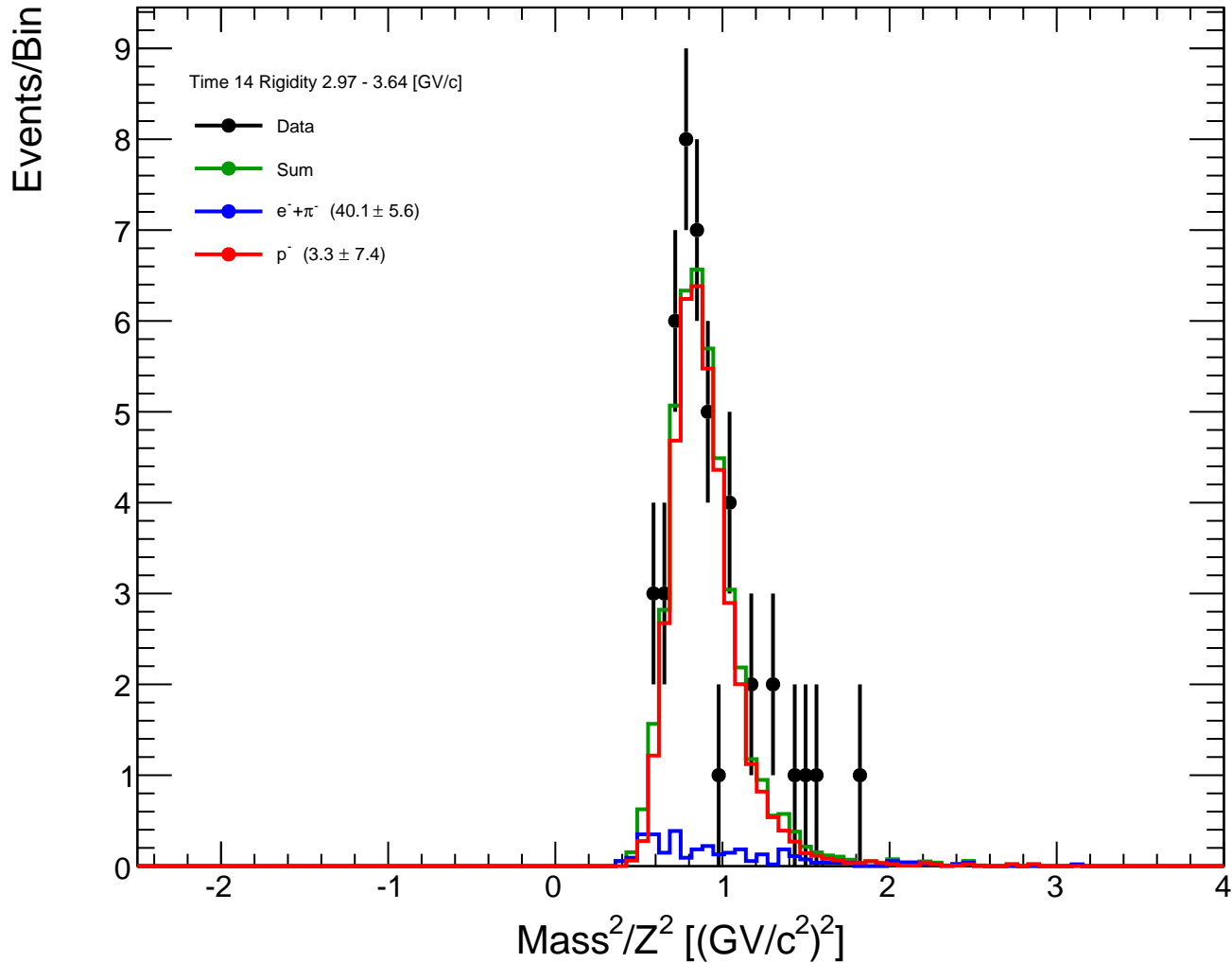


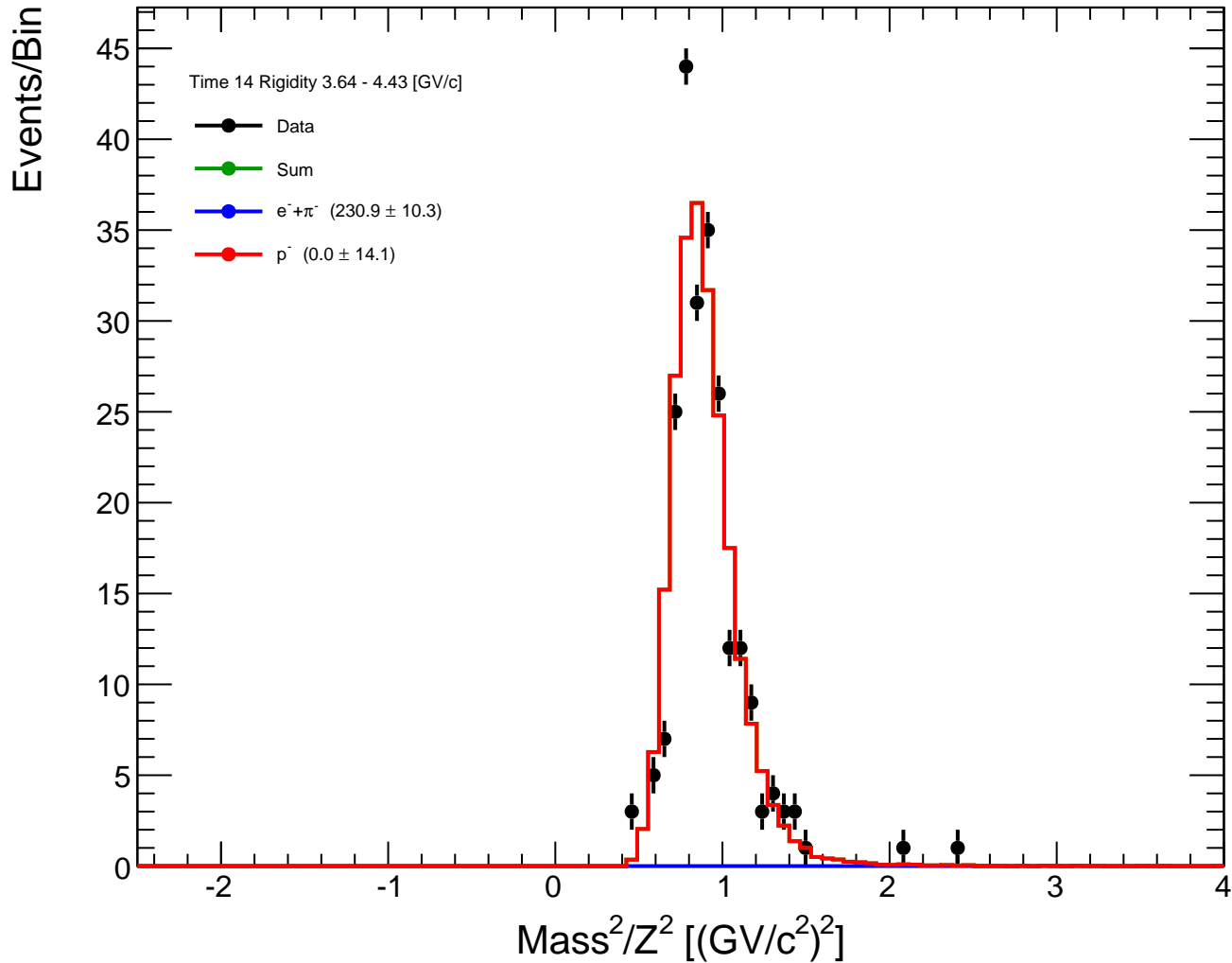
Events/Bin

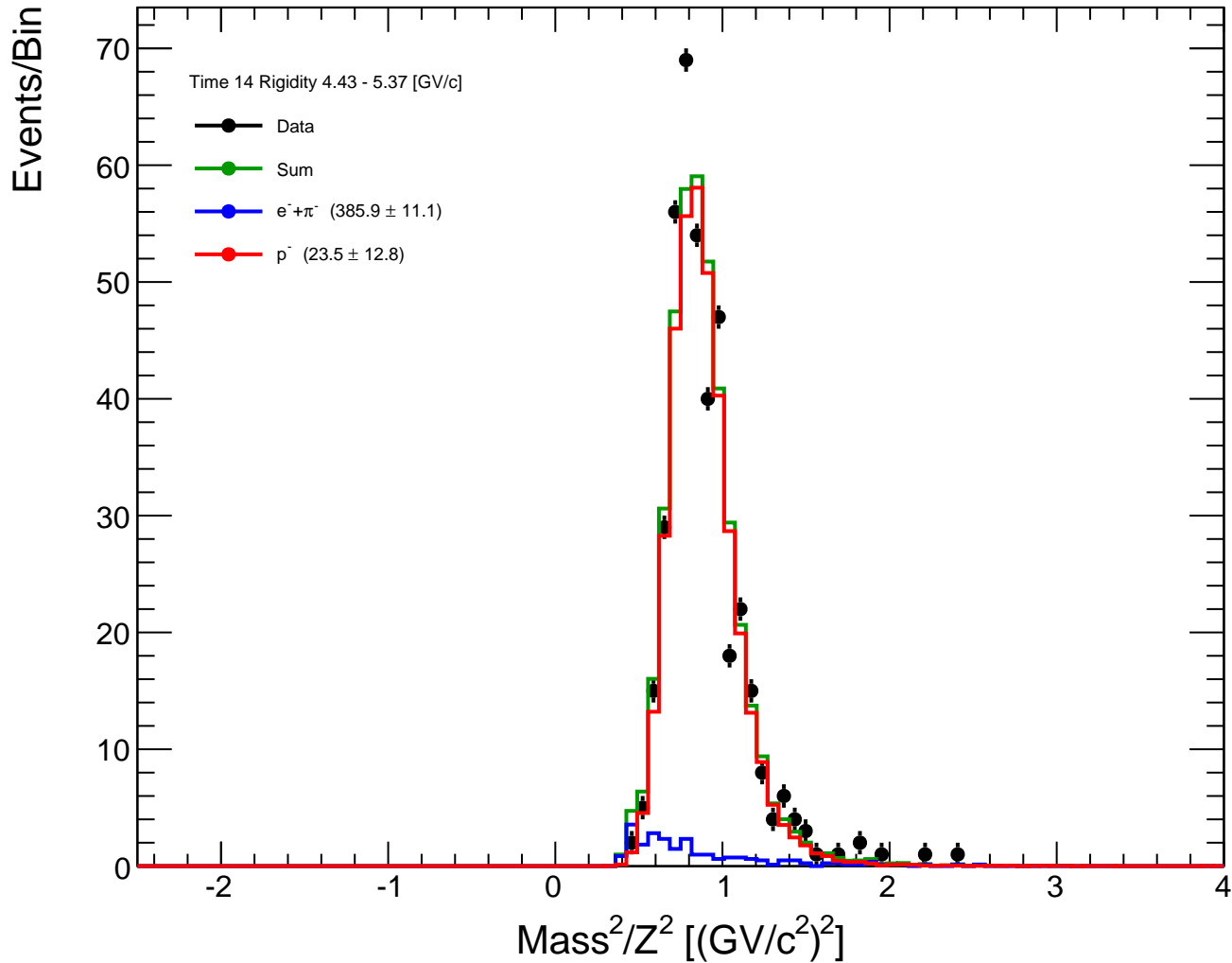


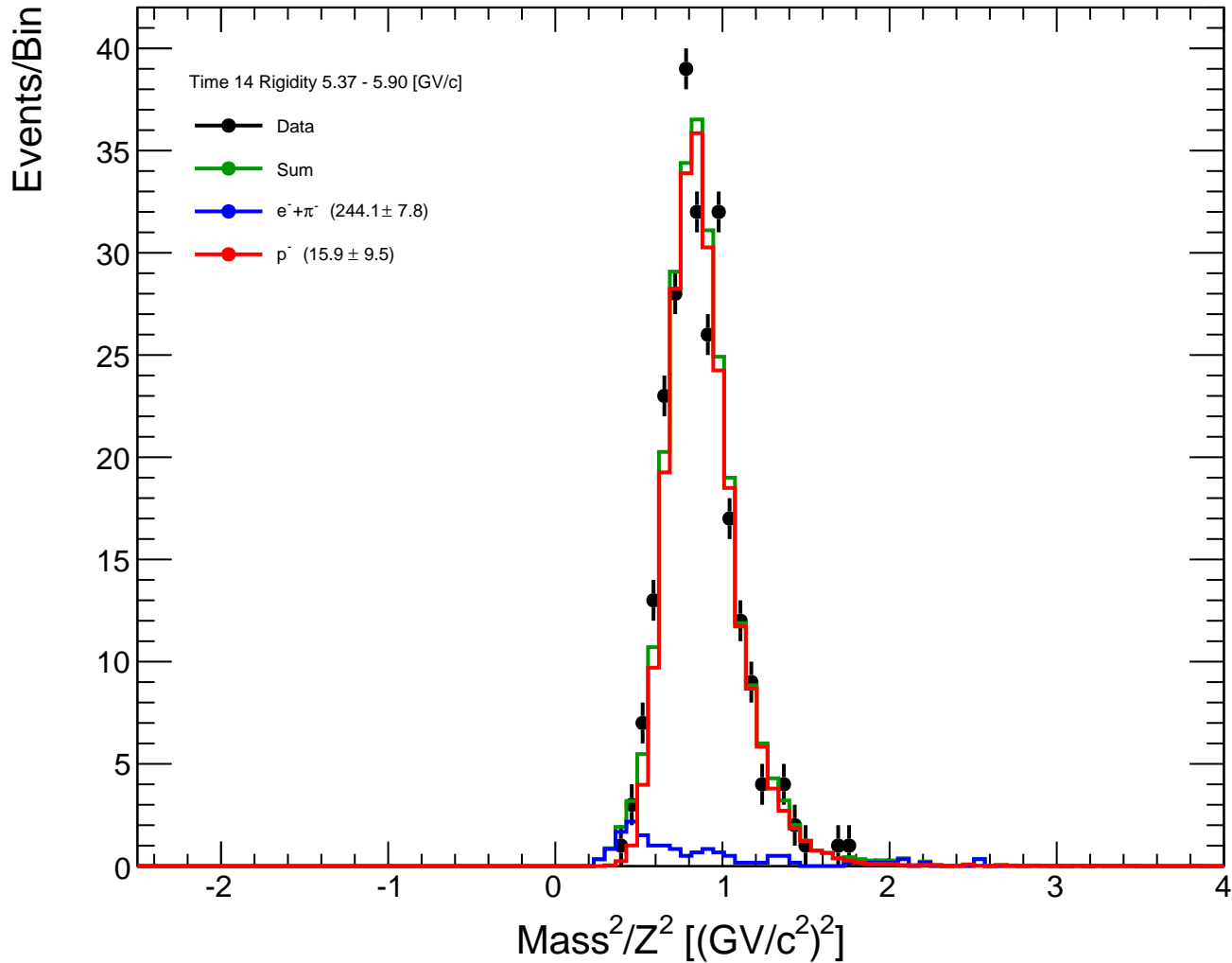
Events/Bin

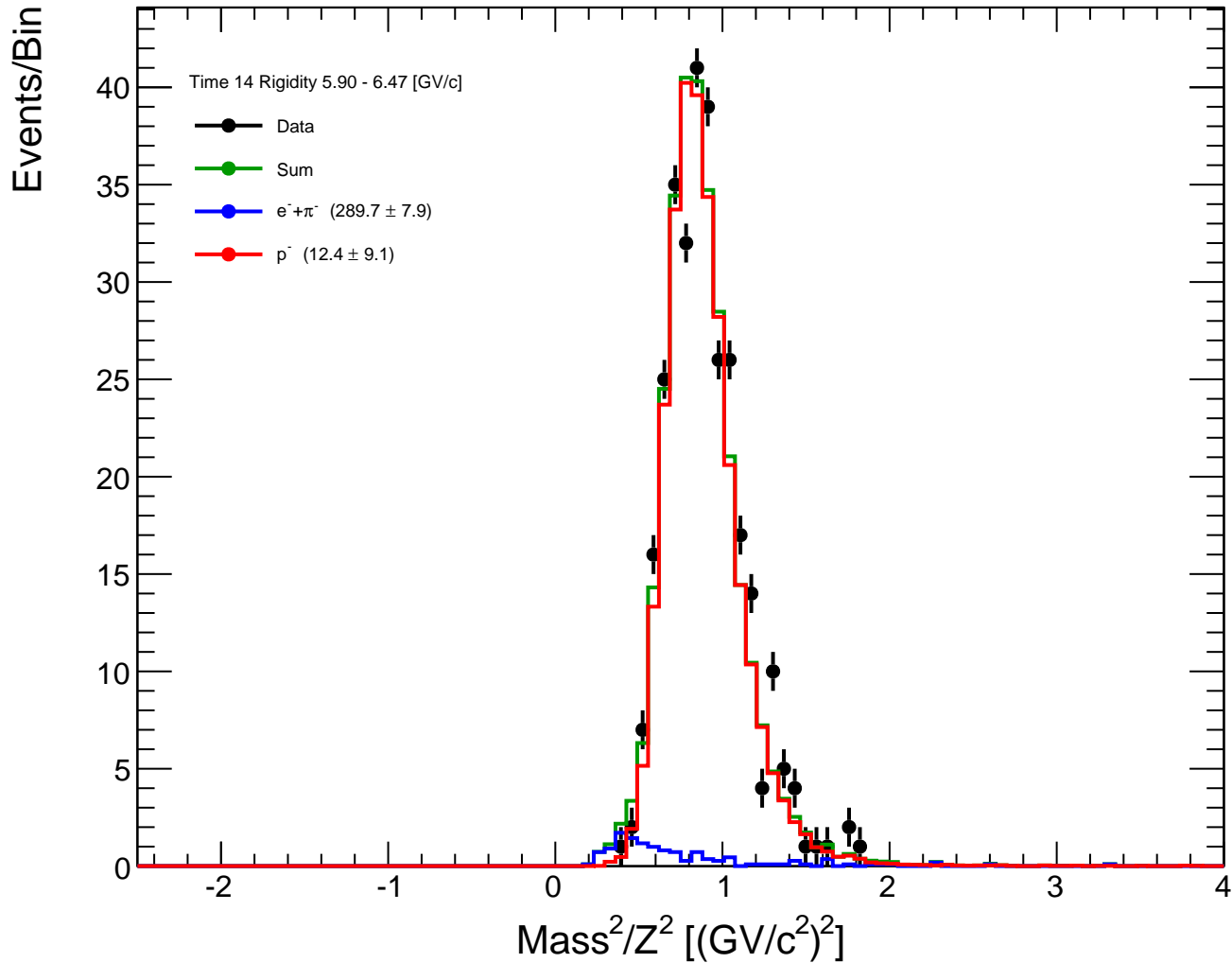


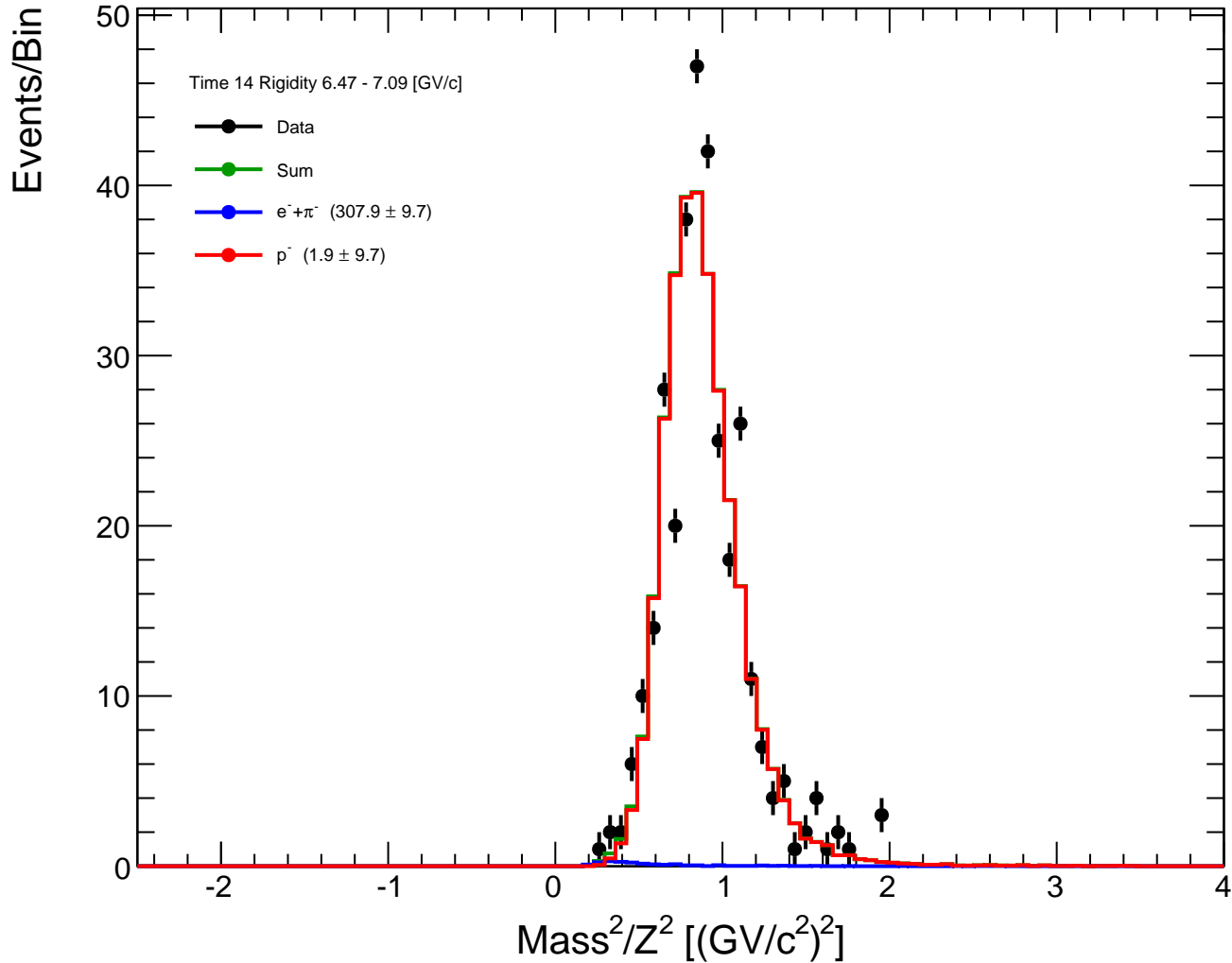


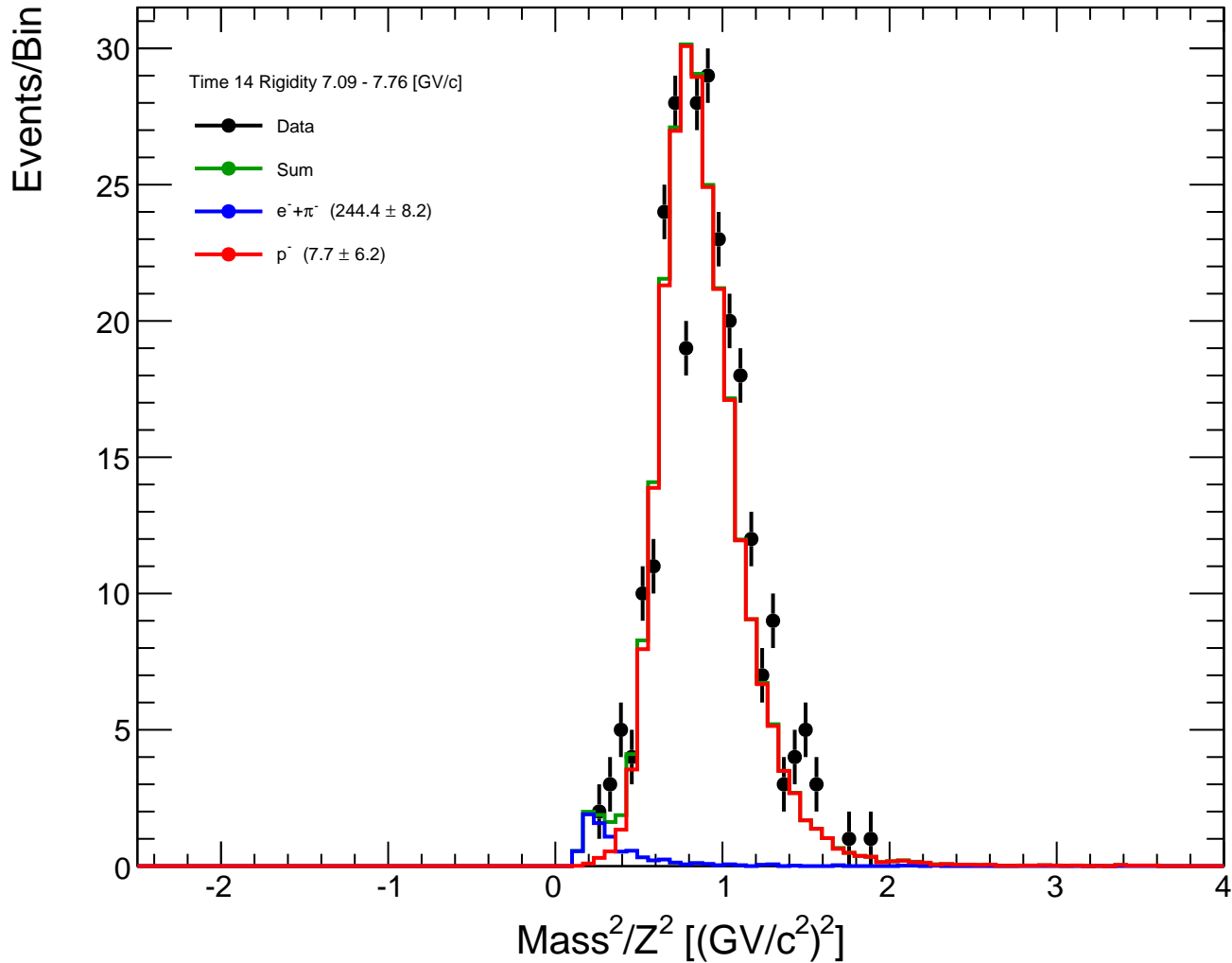


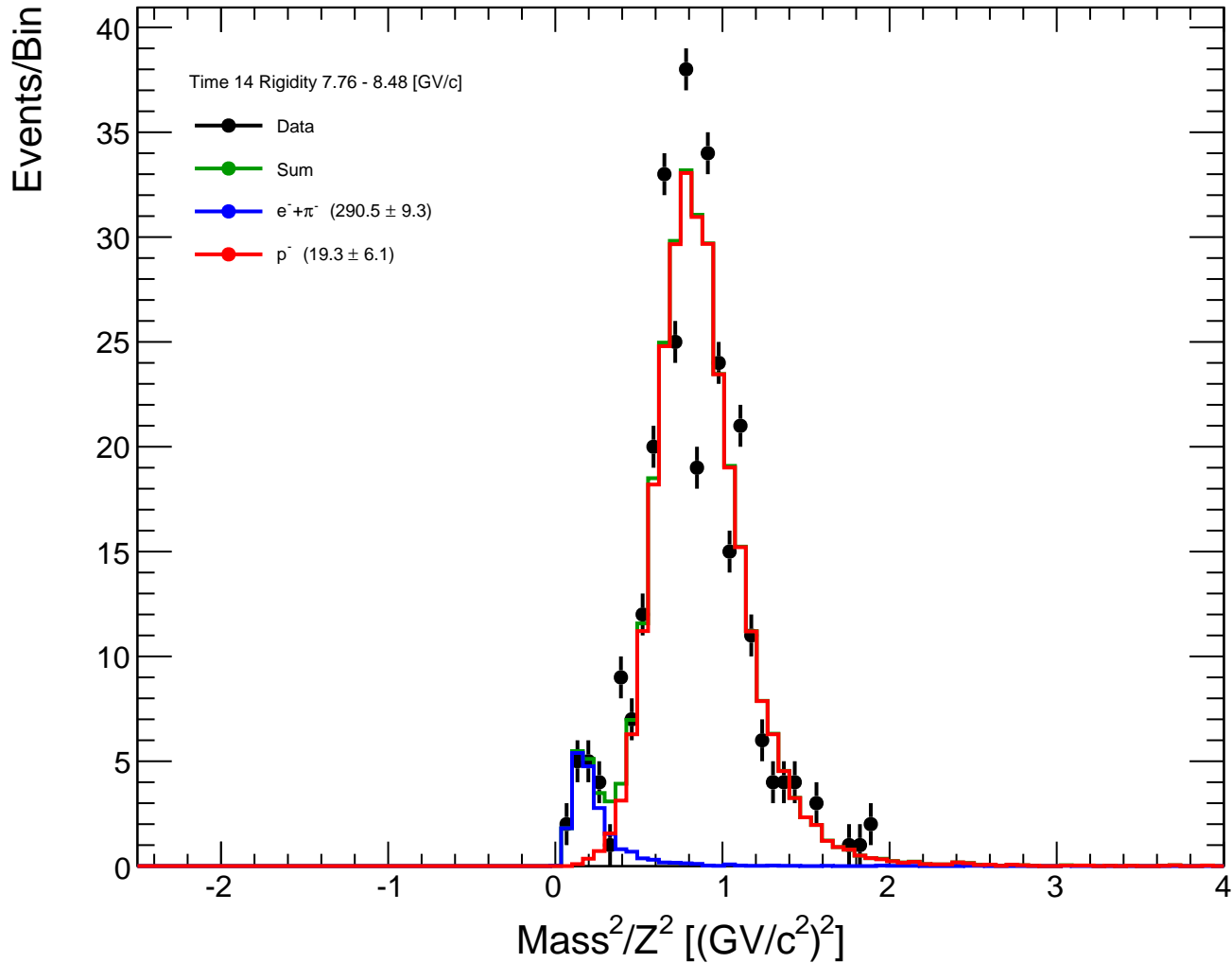


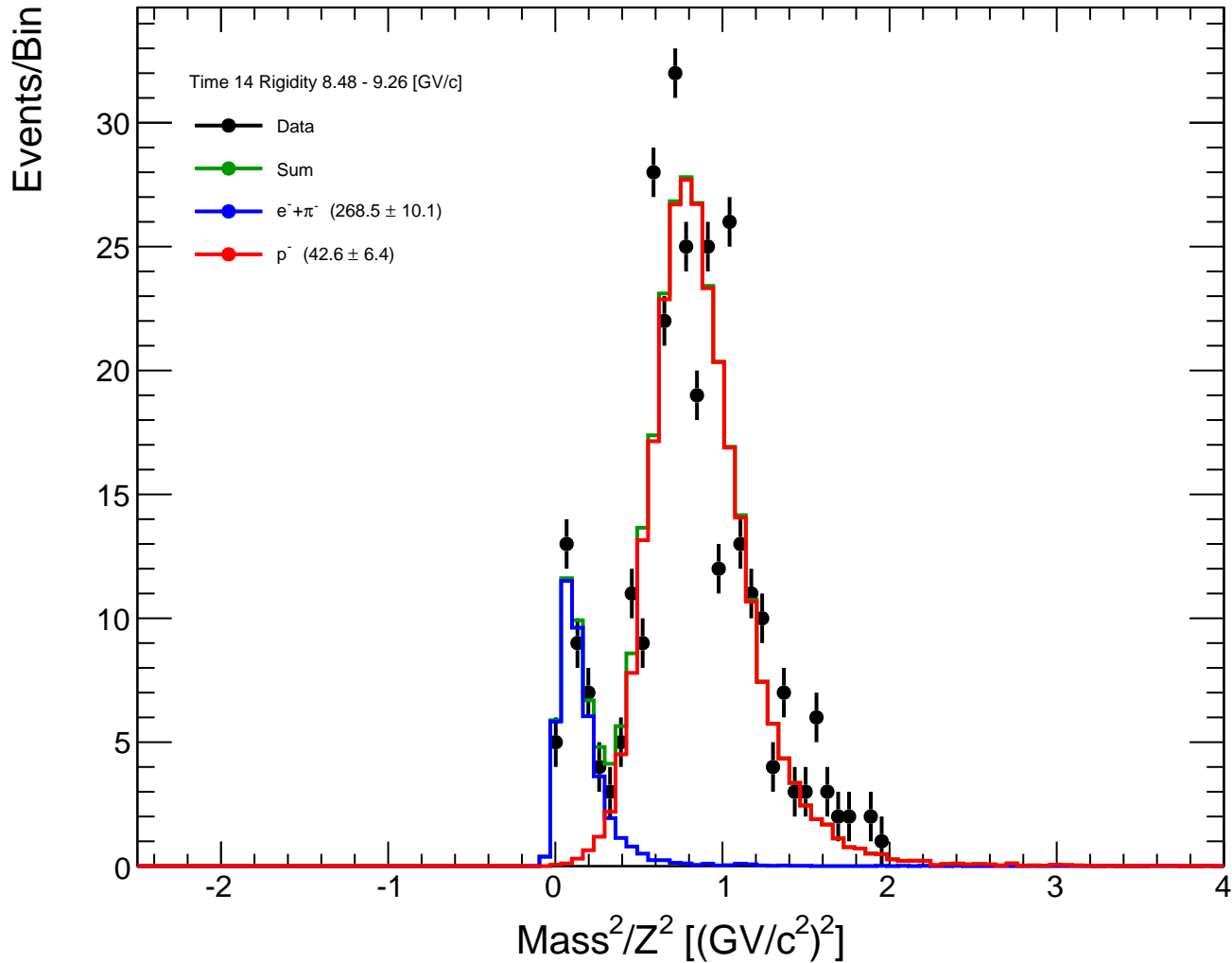




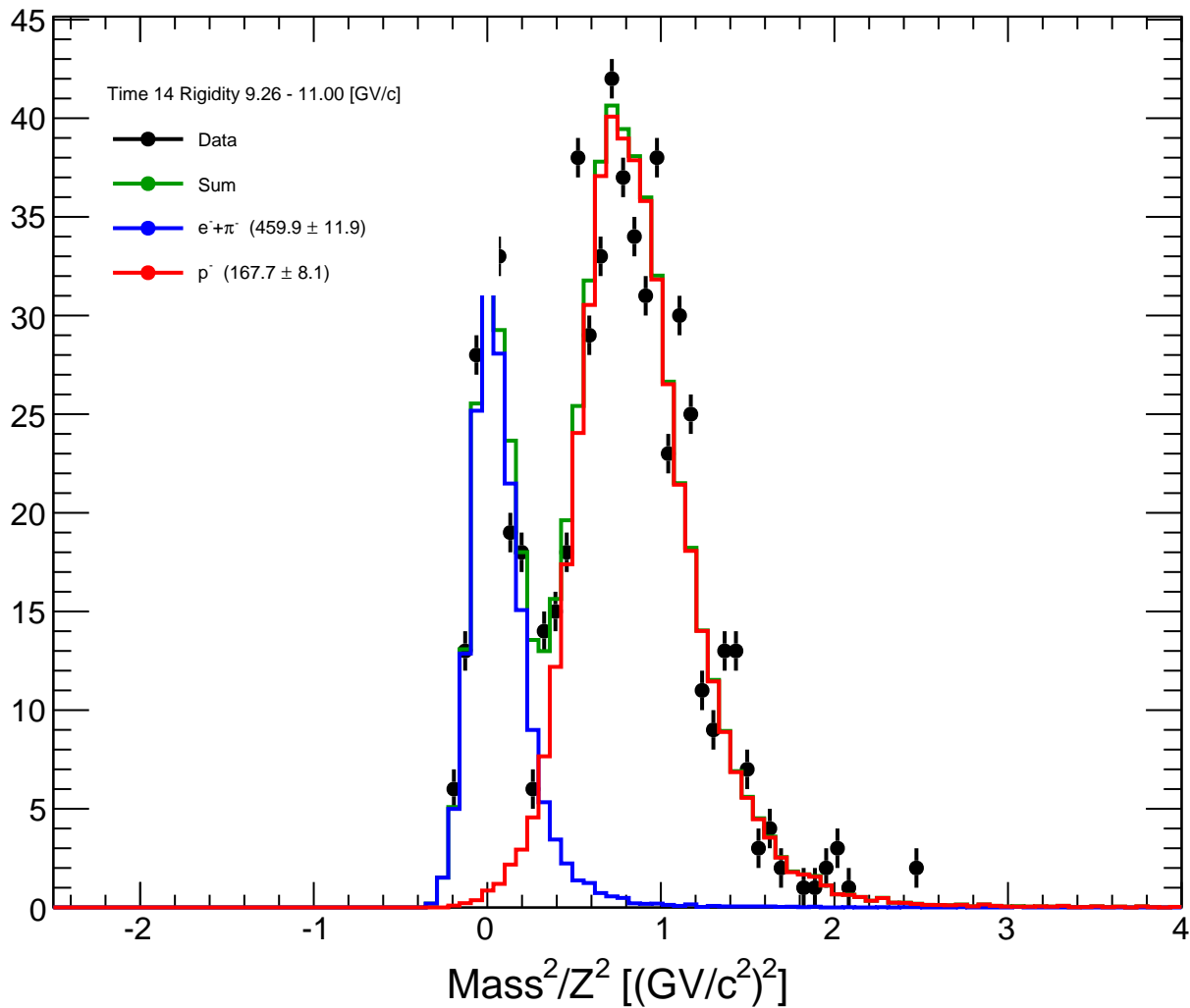


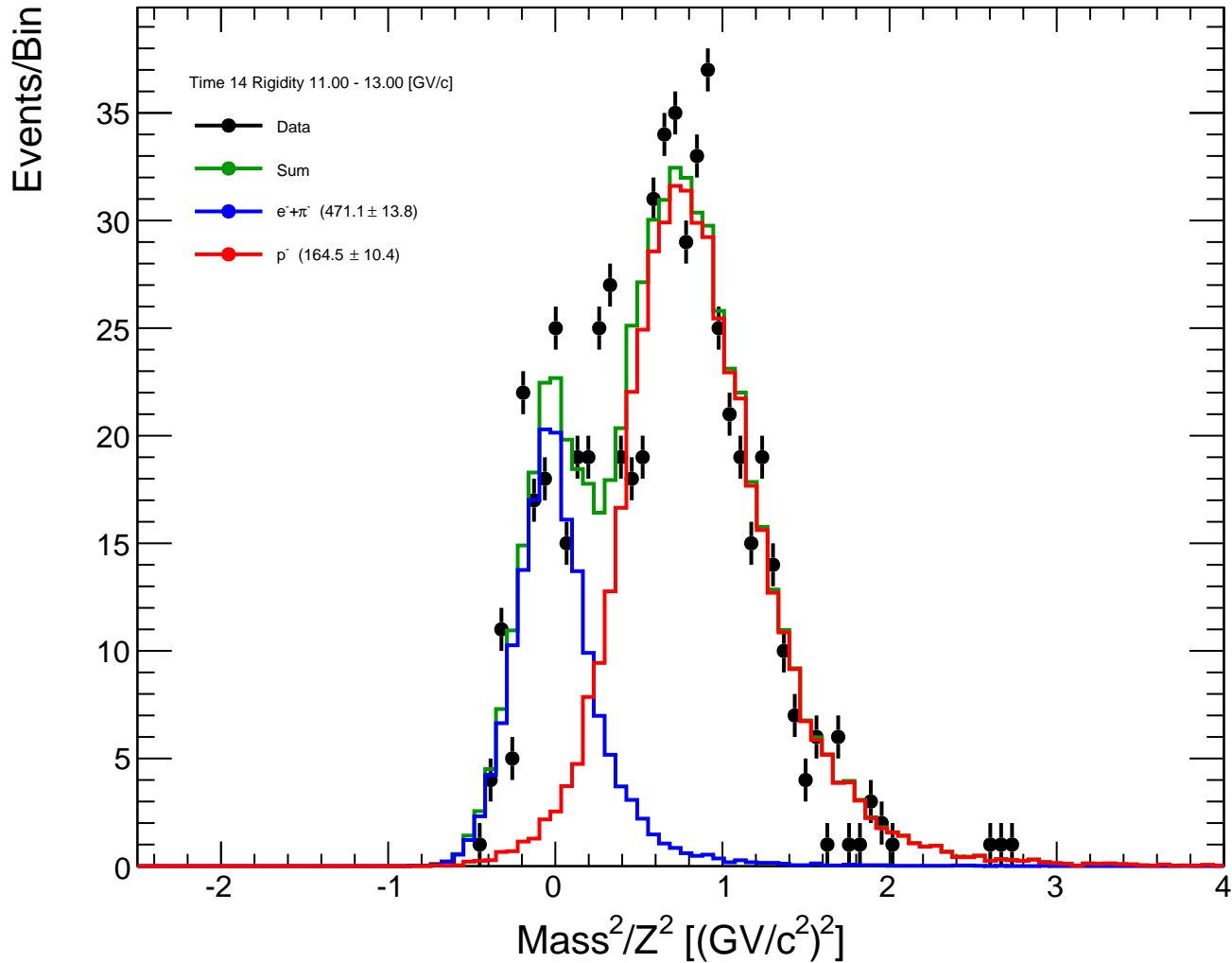




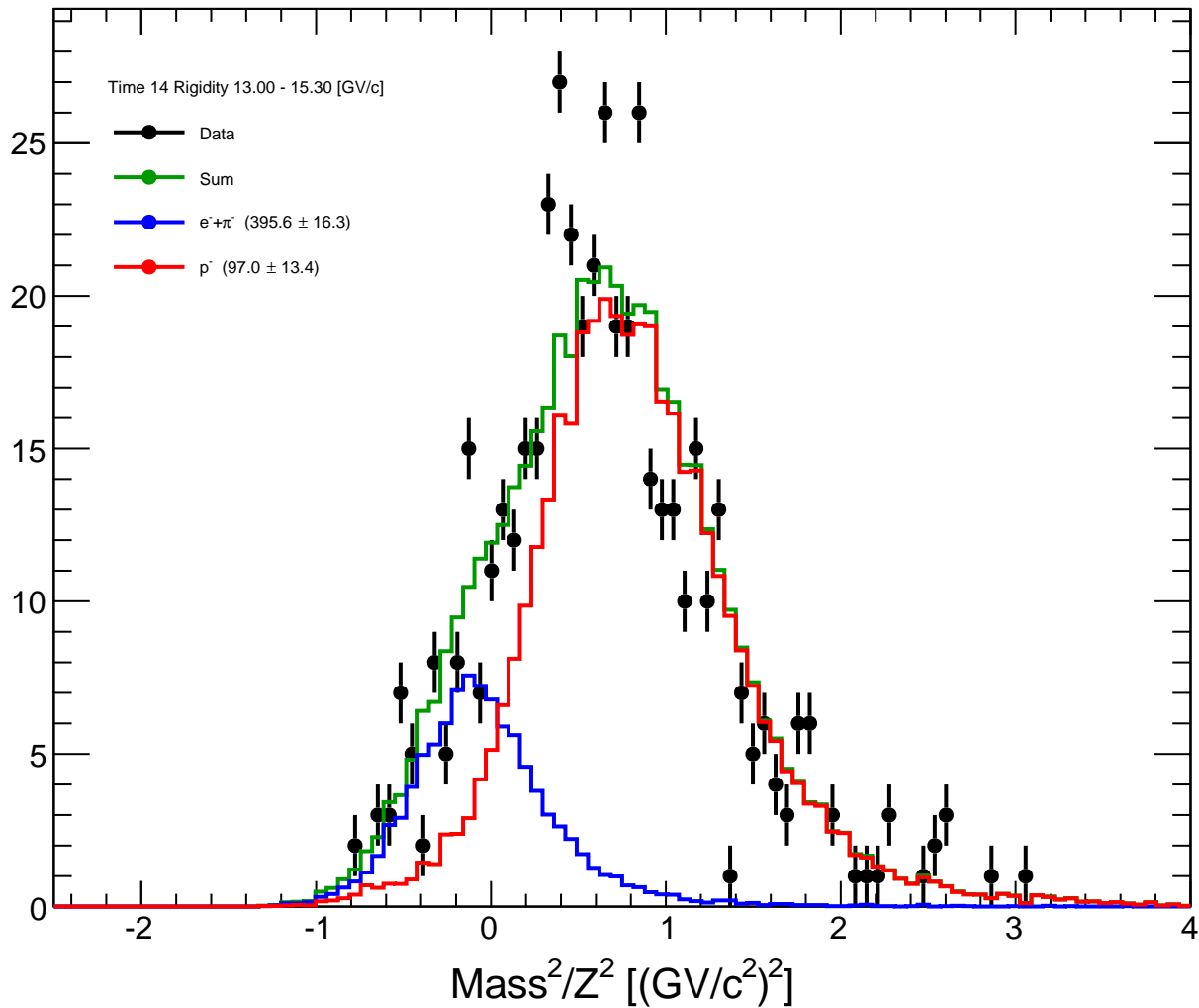


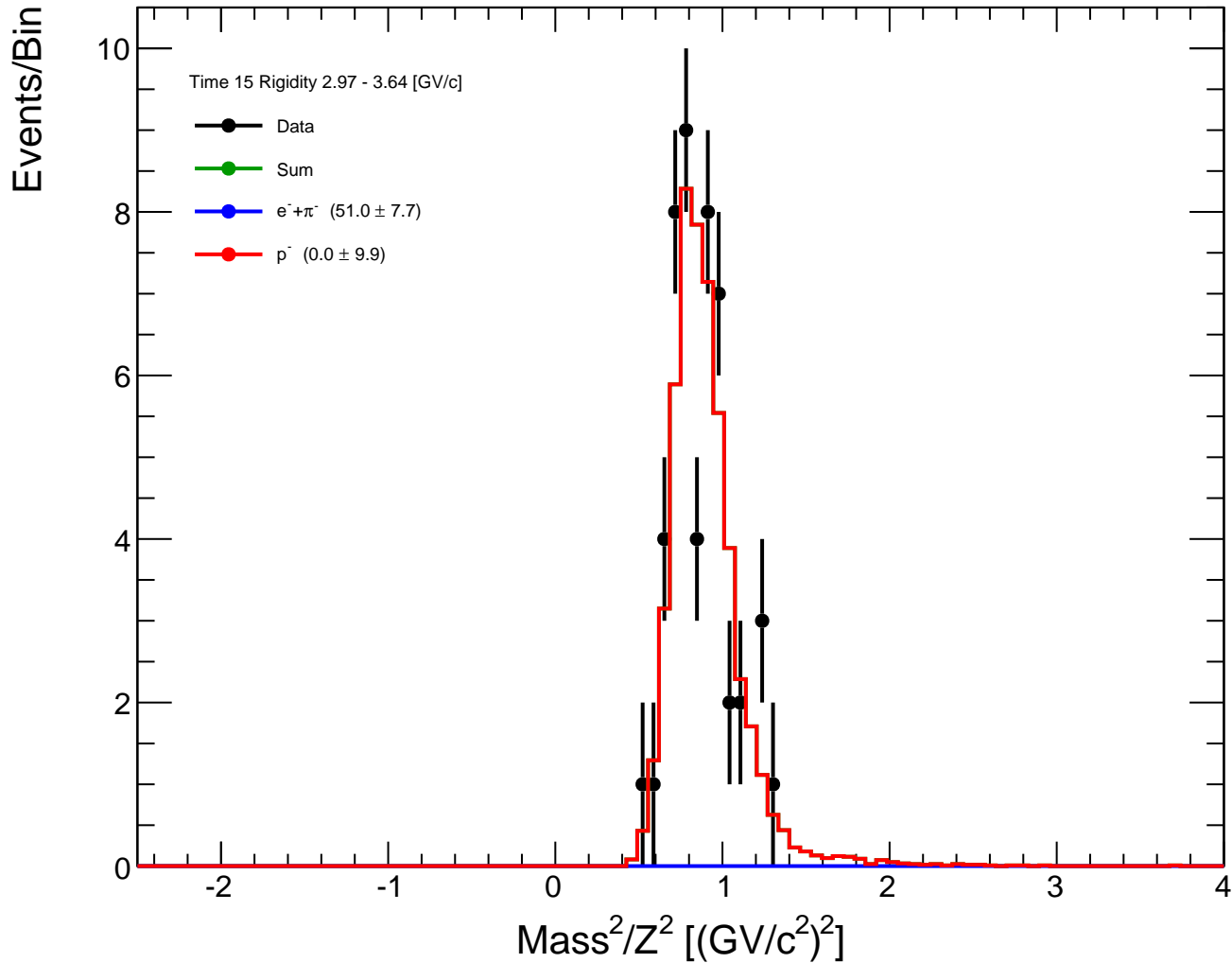
Events/Bin

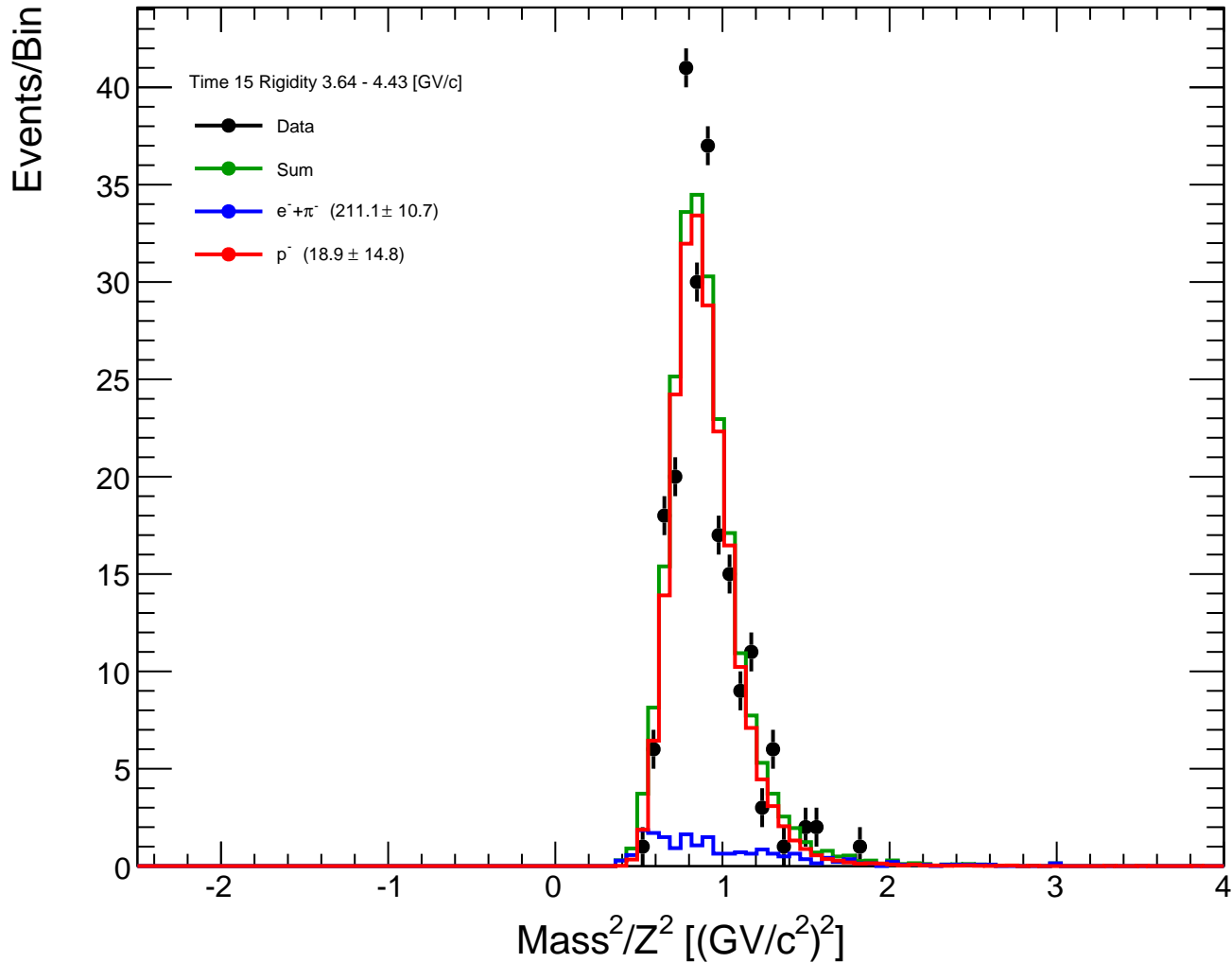


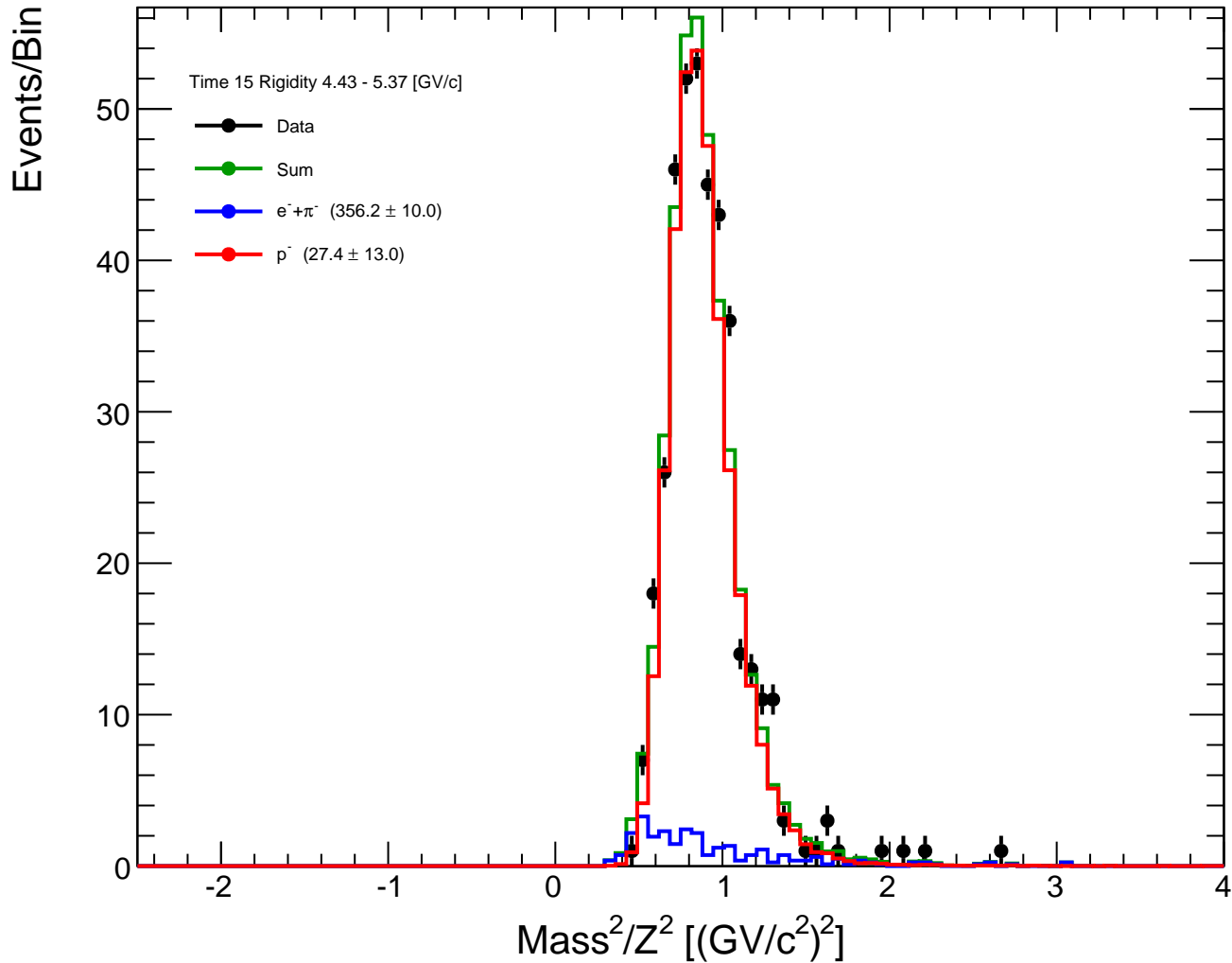


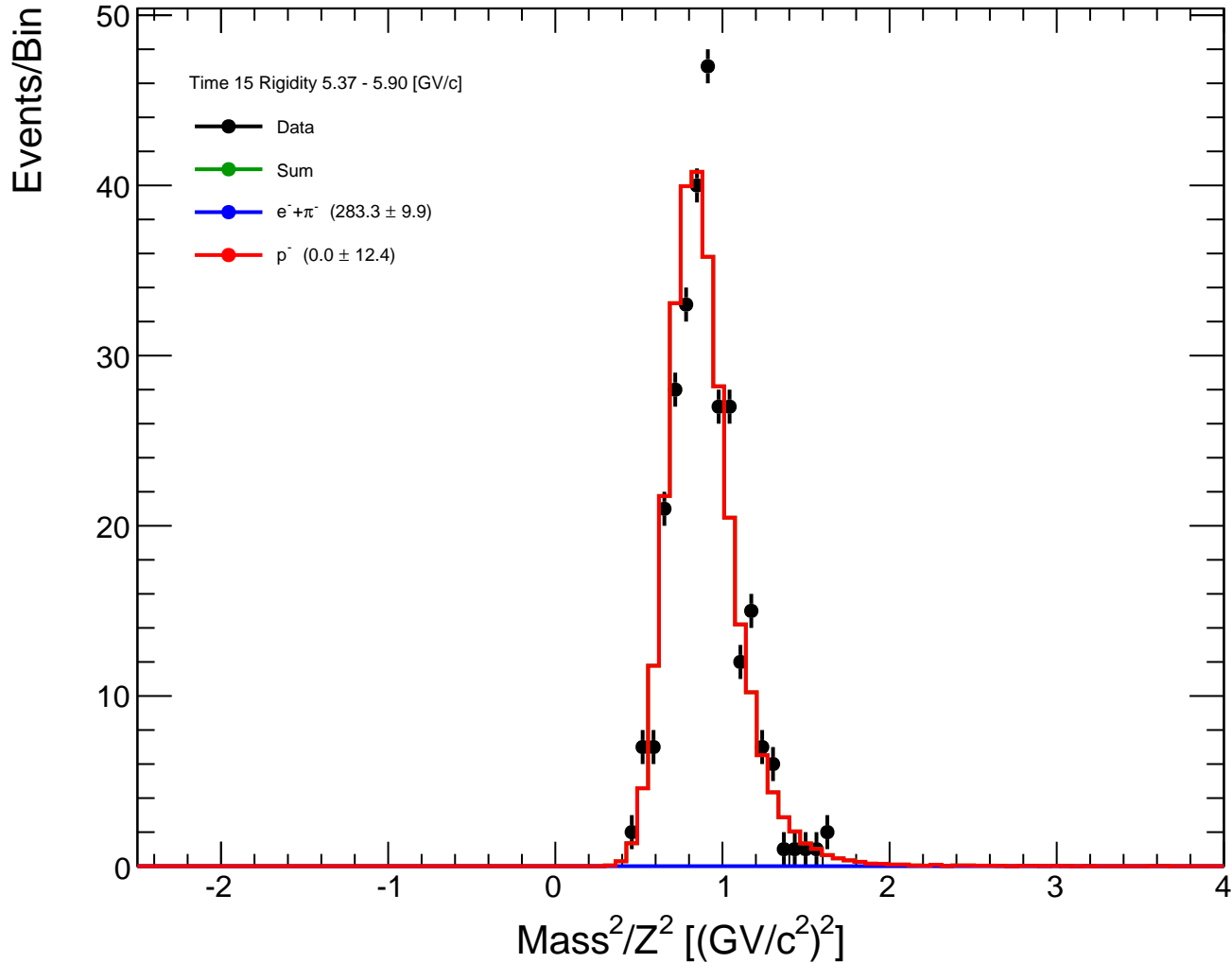
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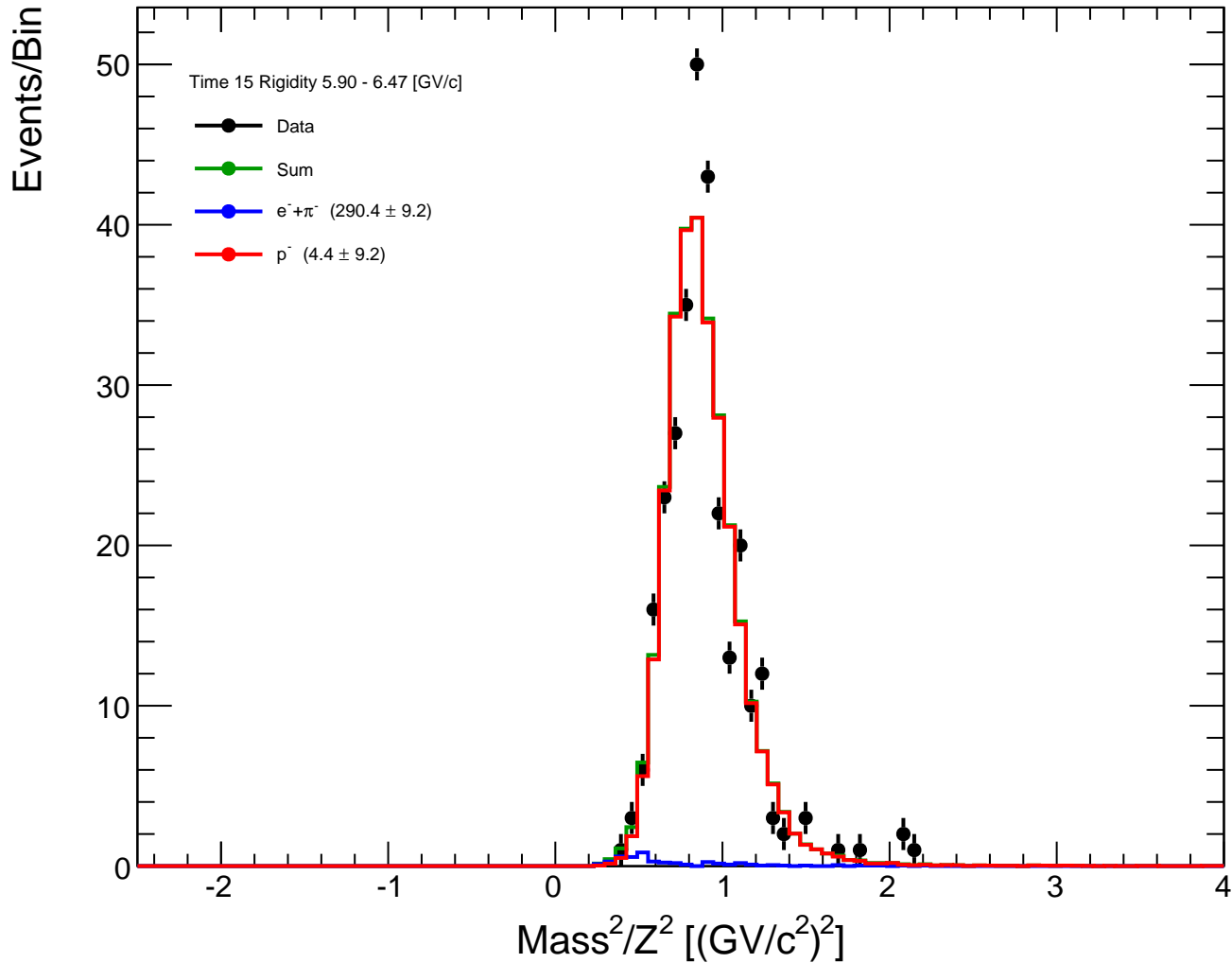


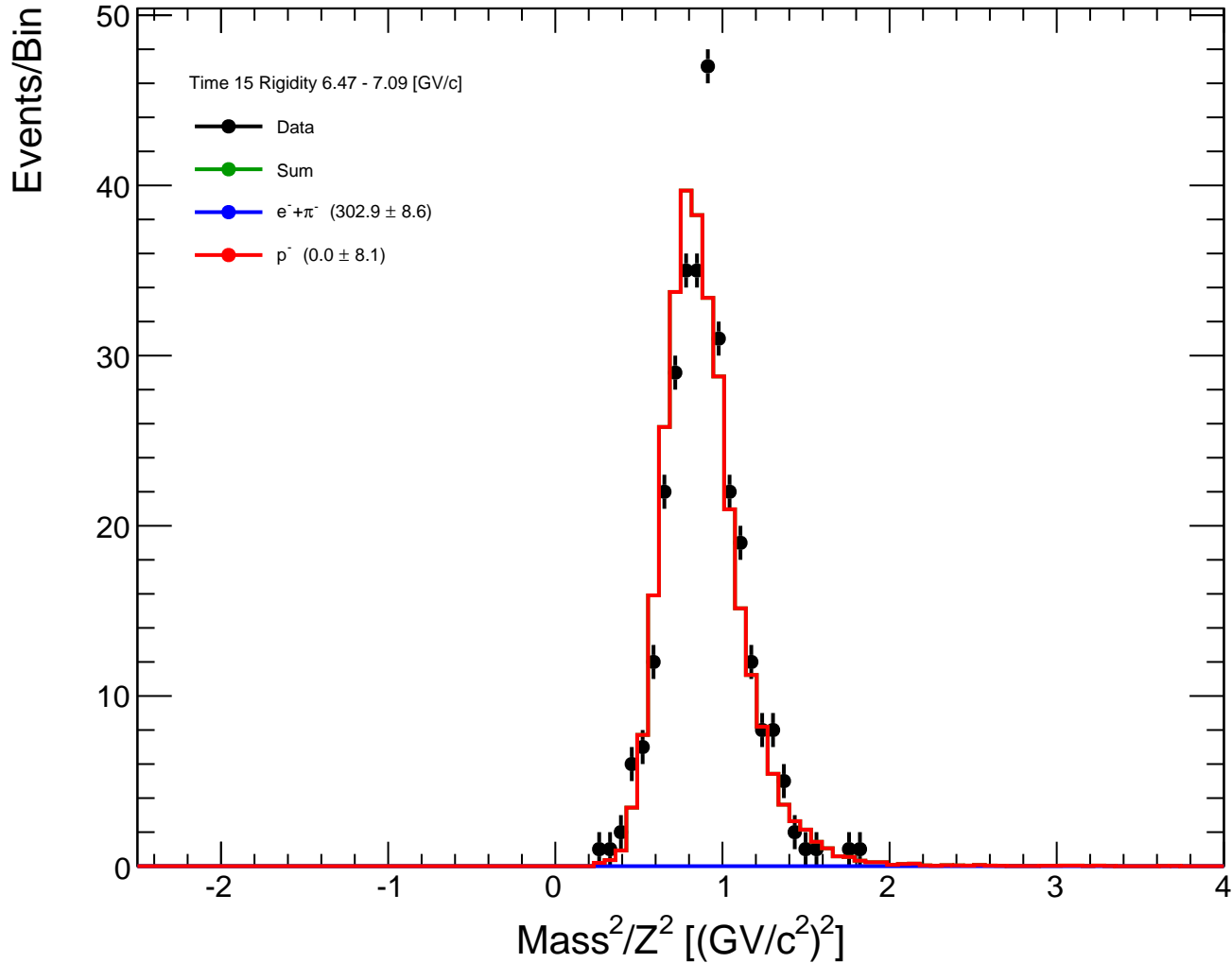


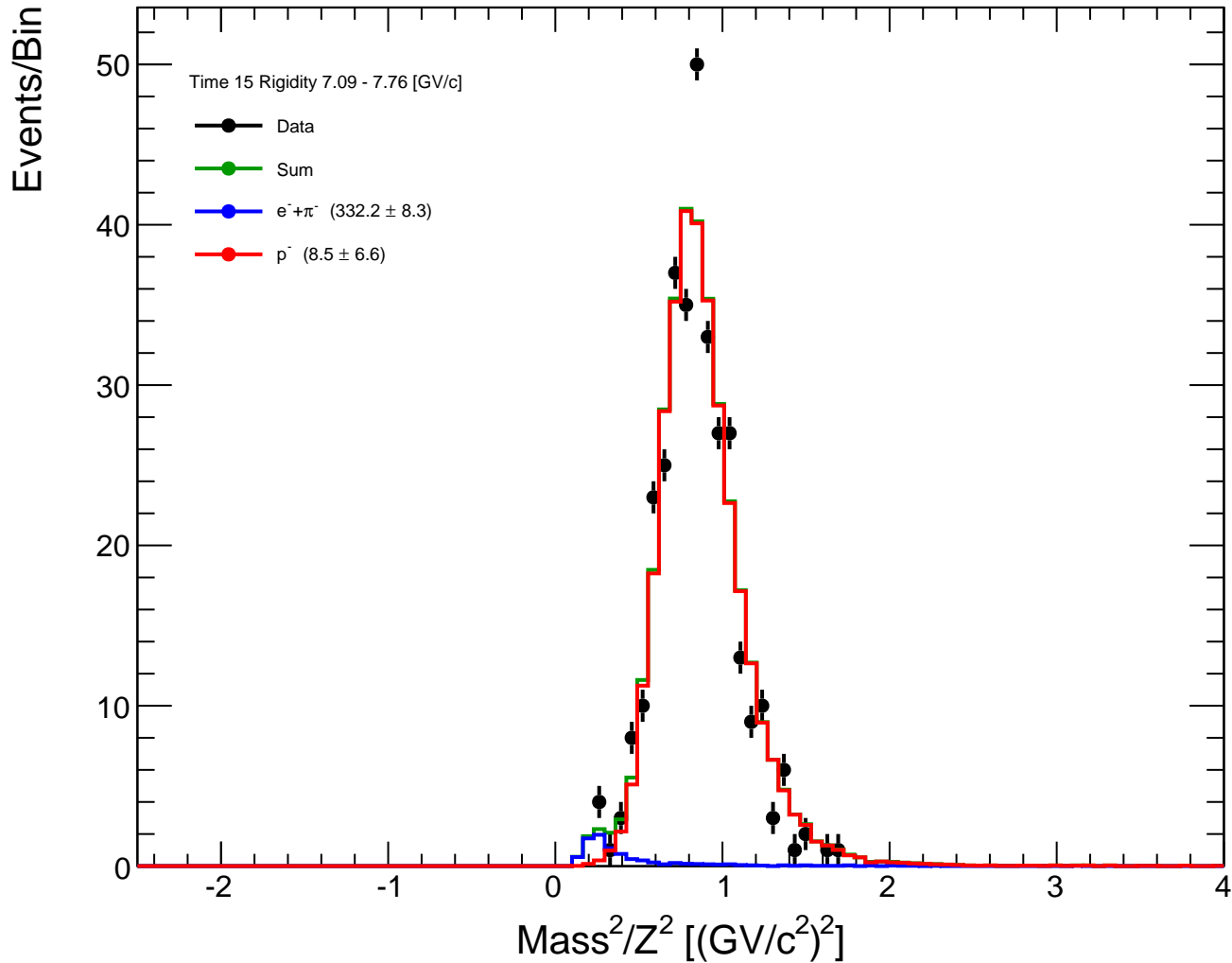


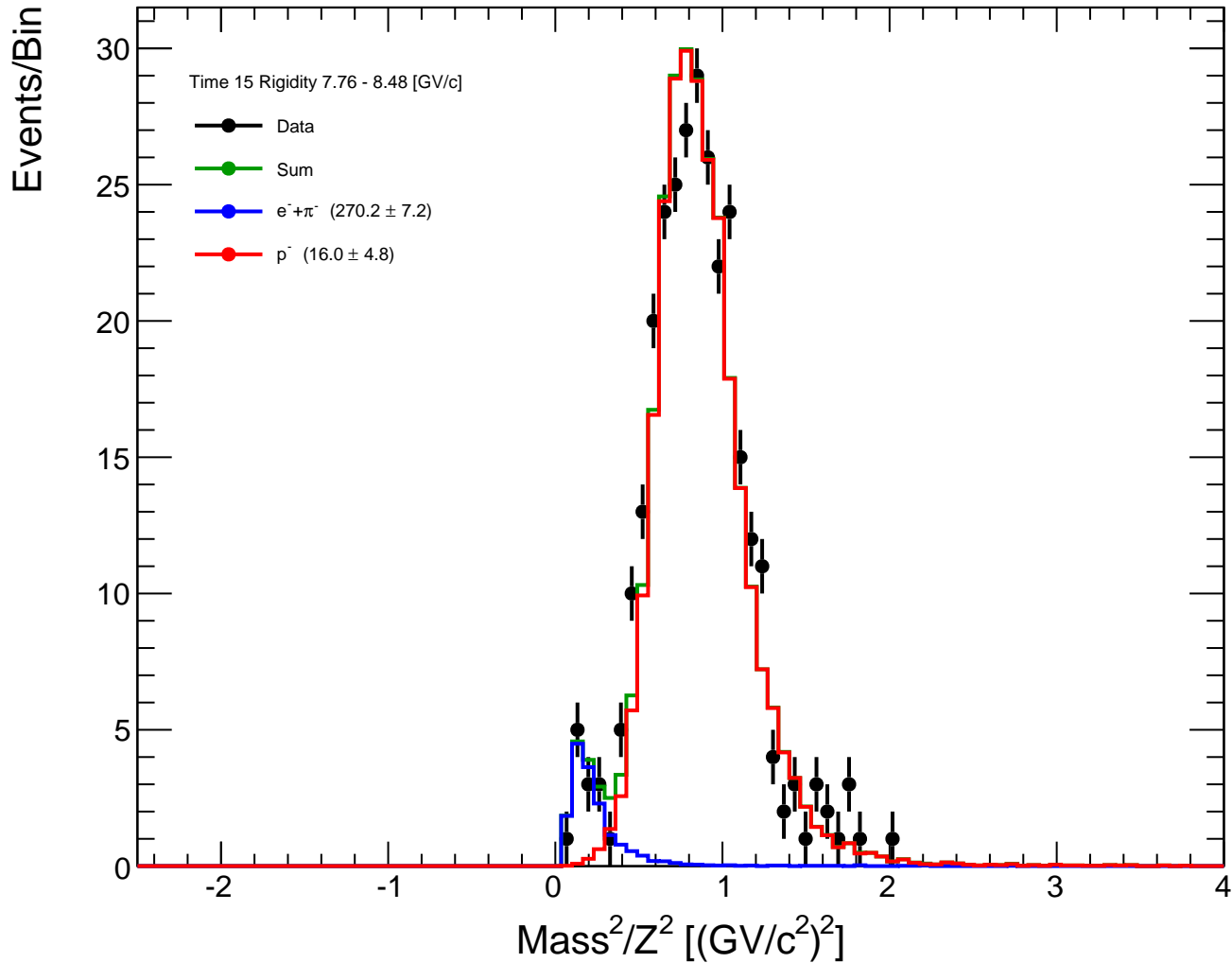


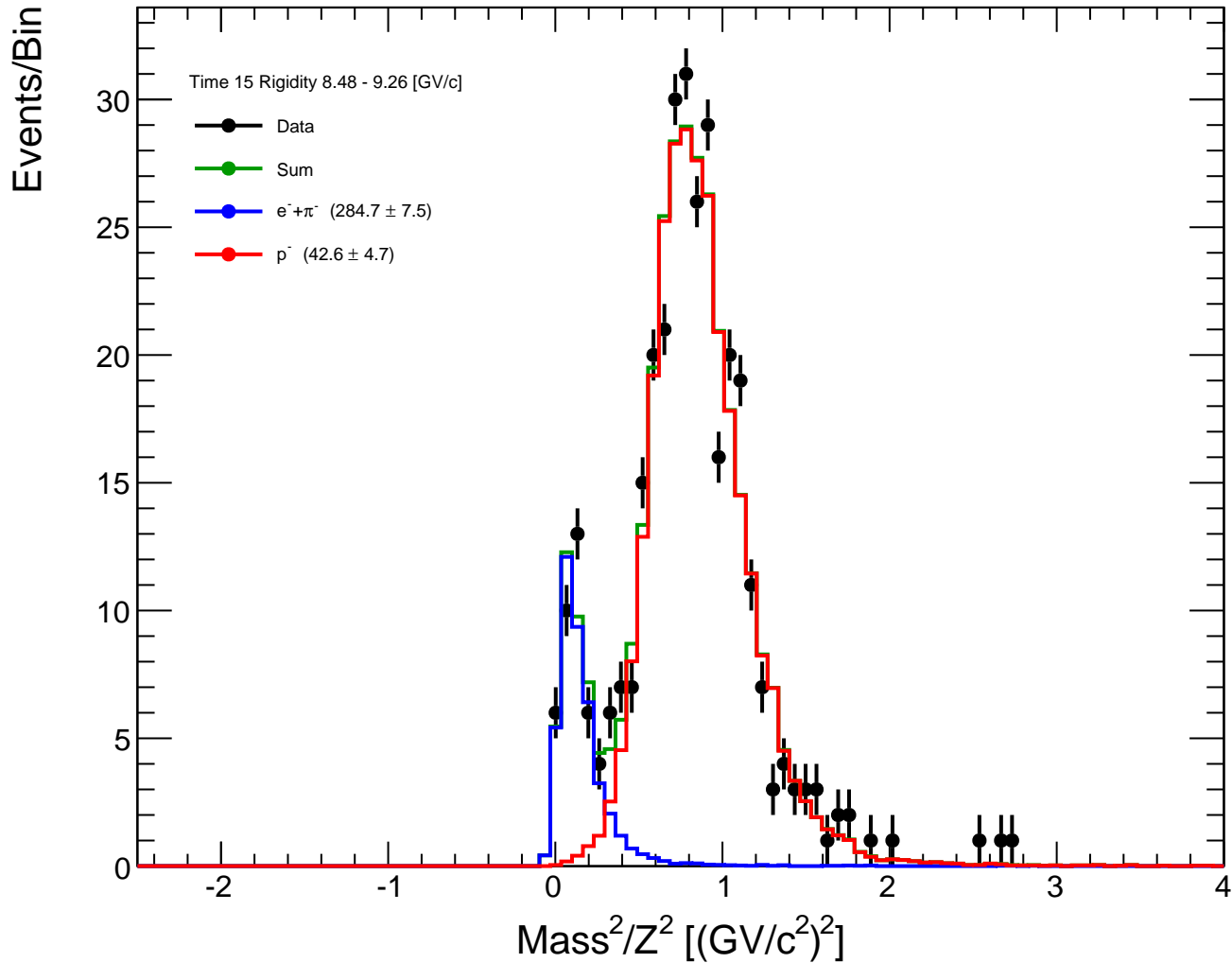




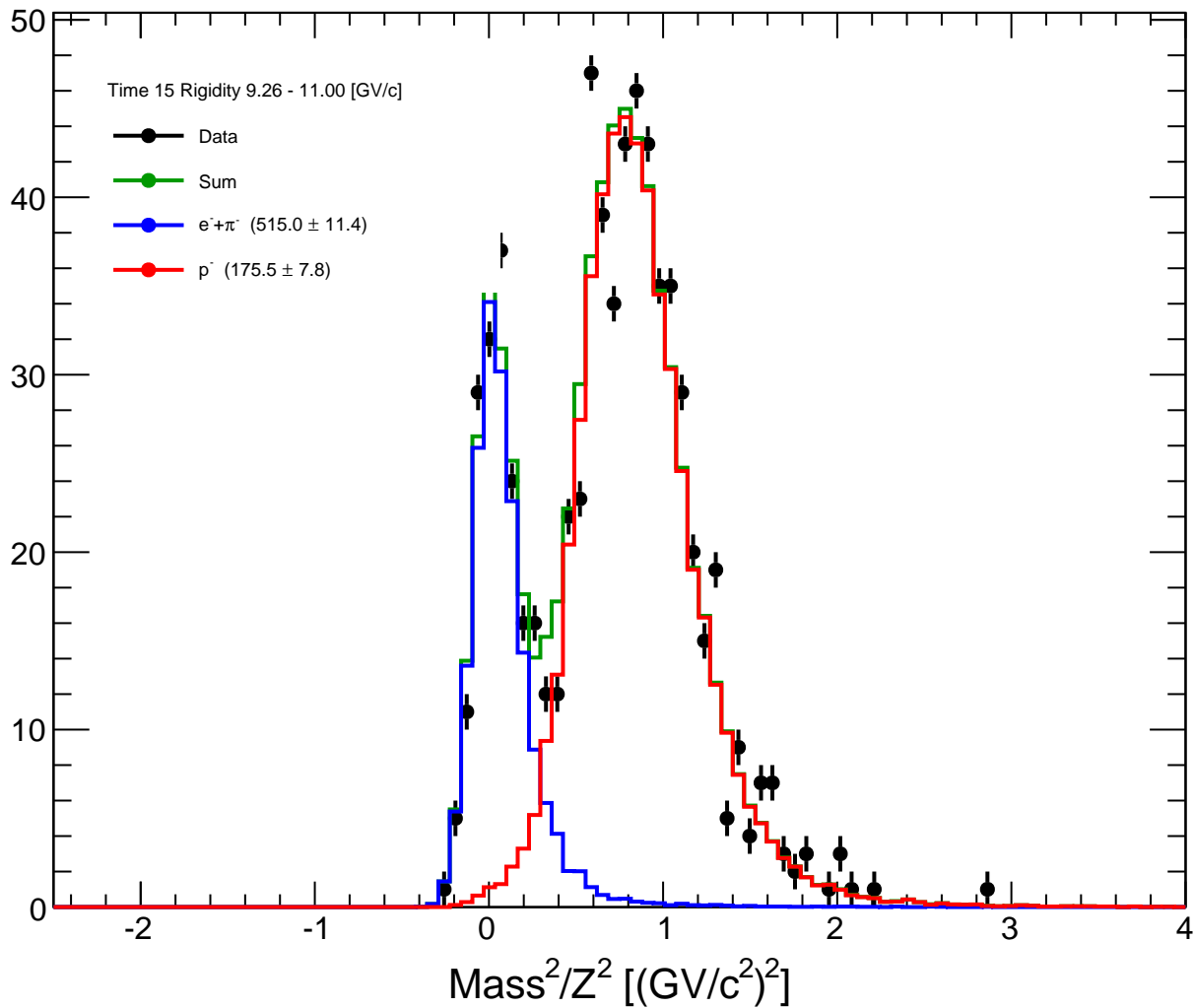


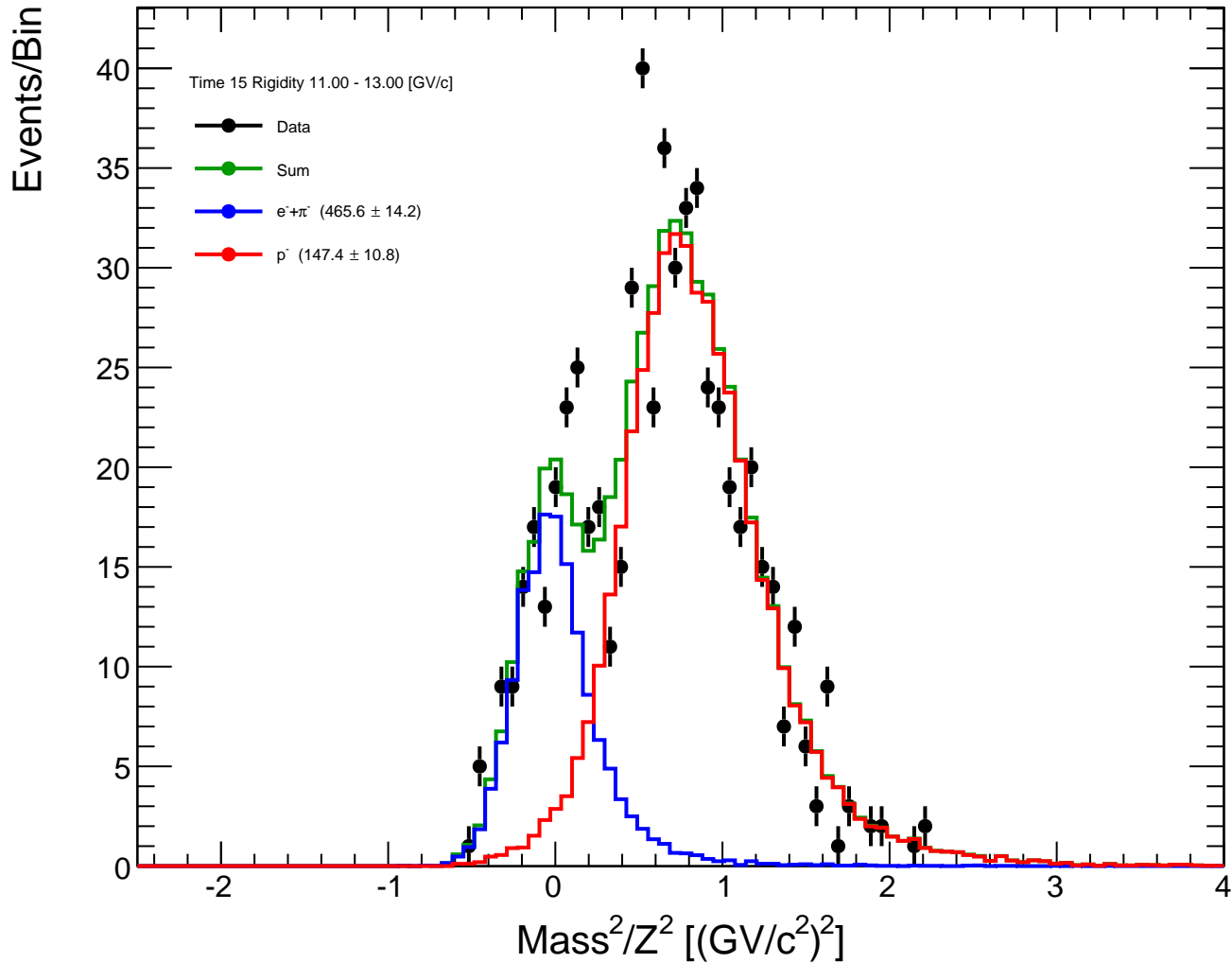


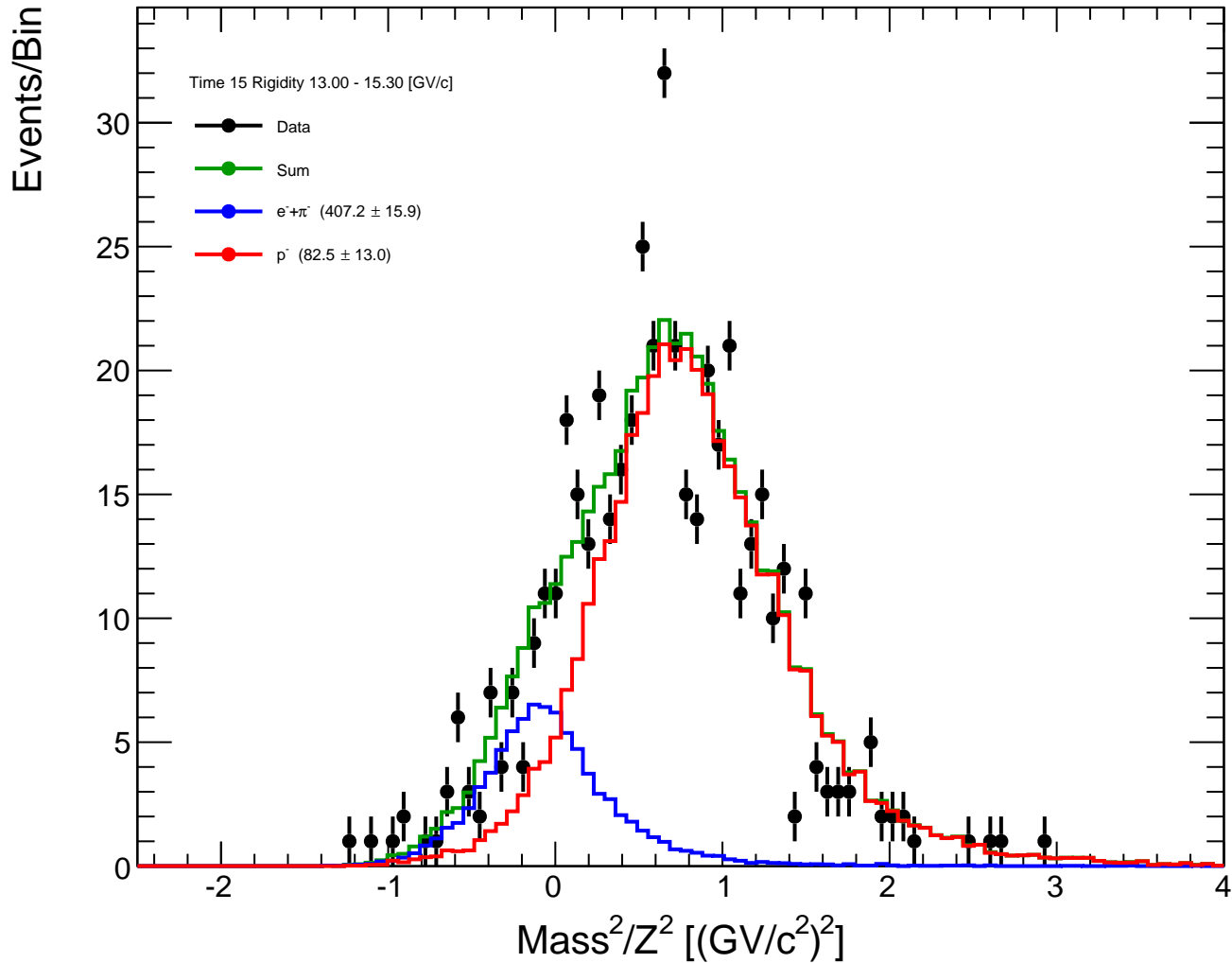


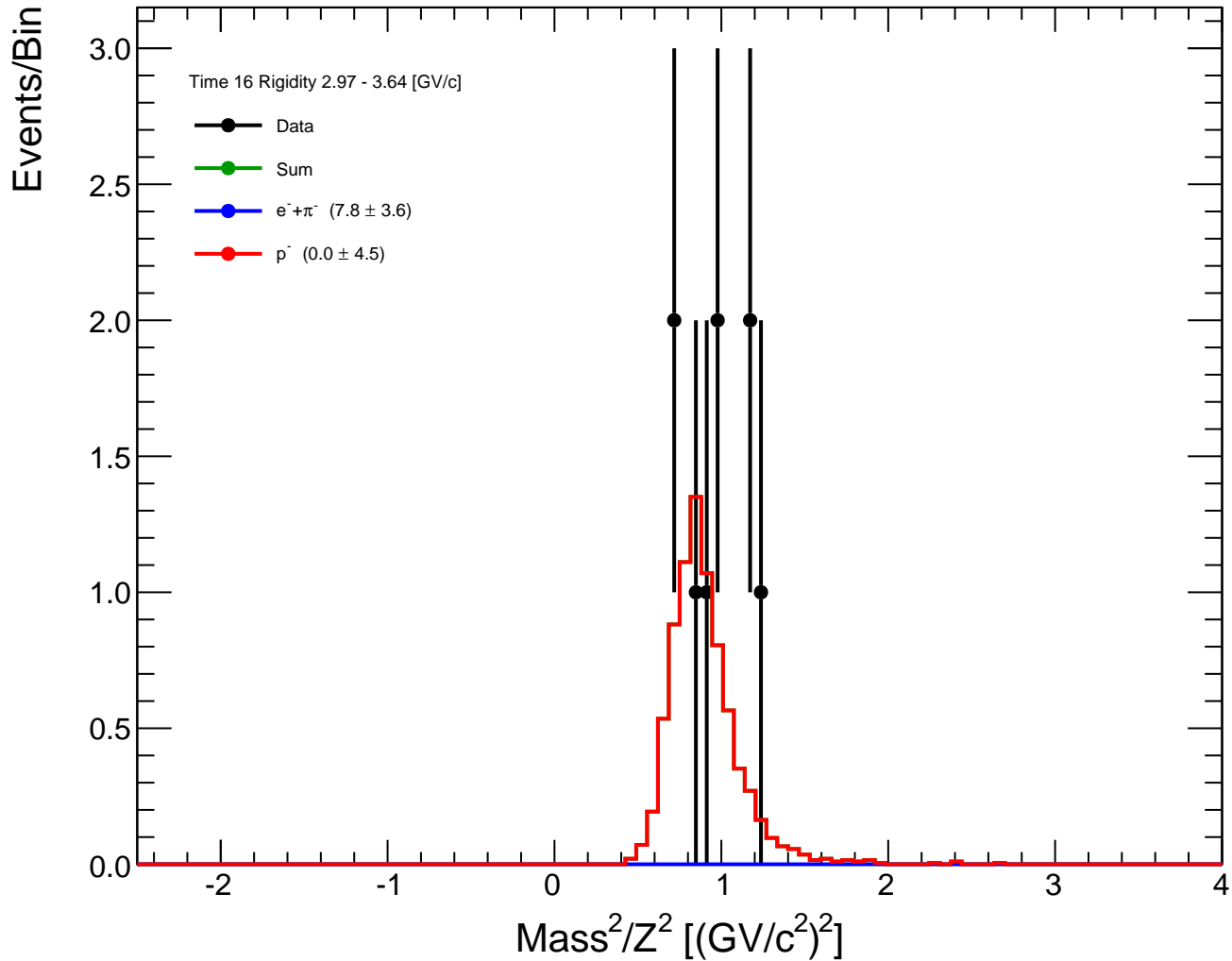


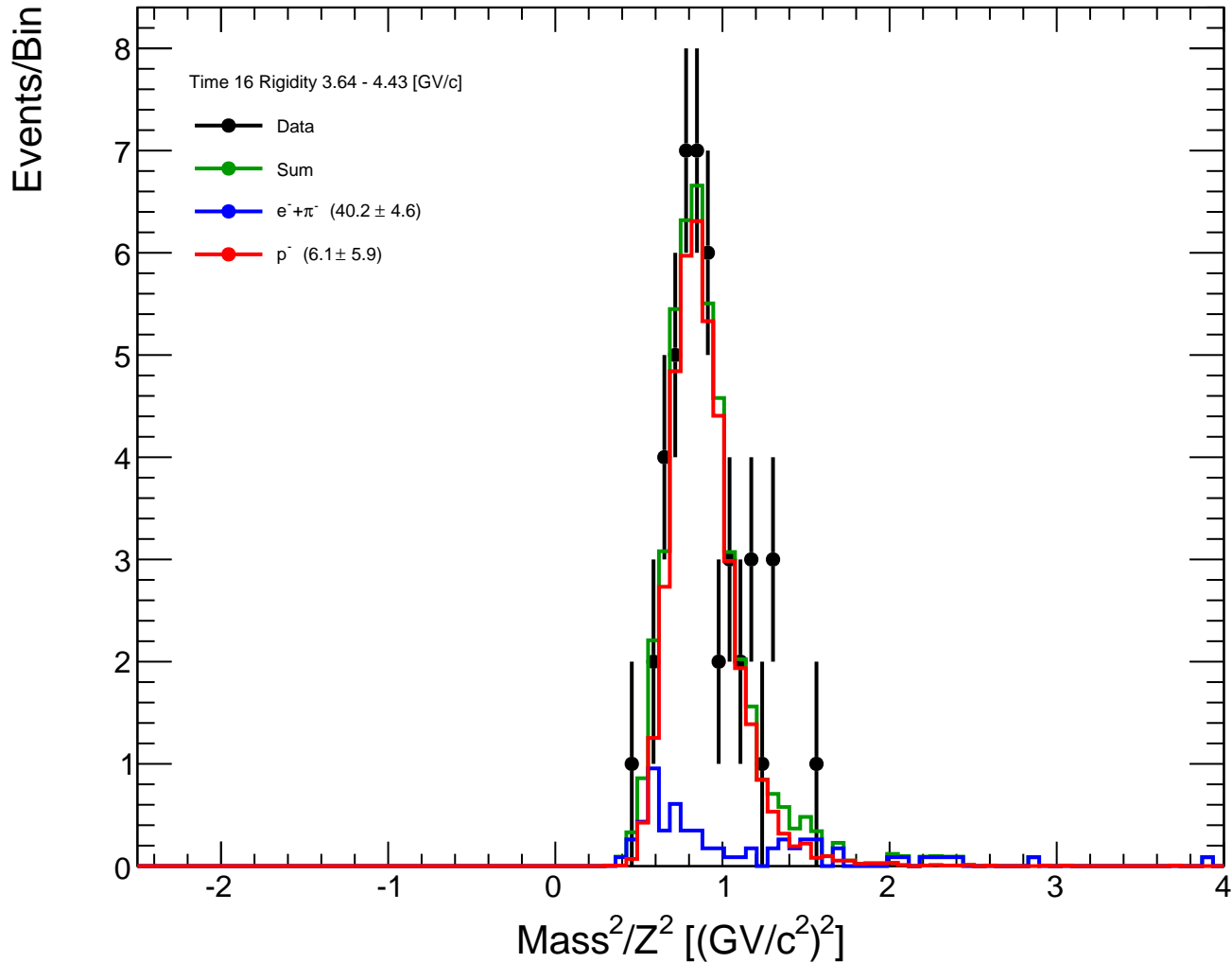
Events/Bin



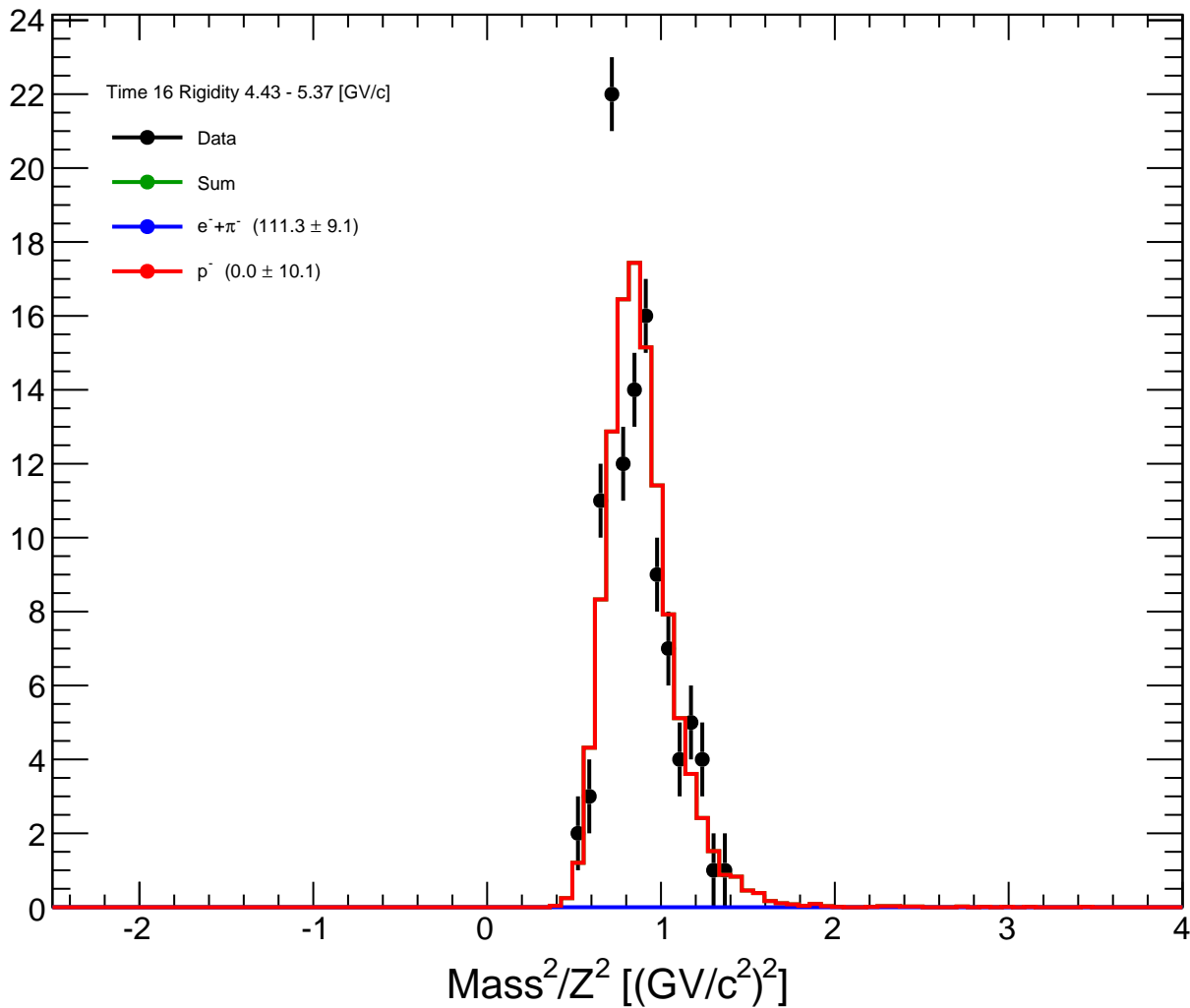


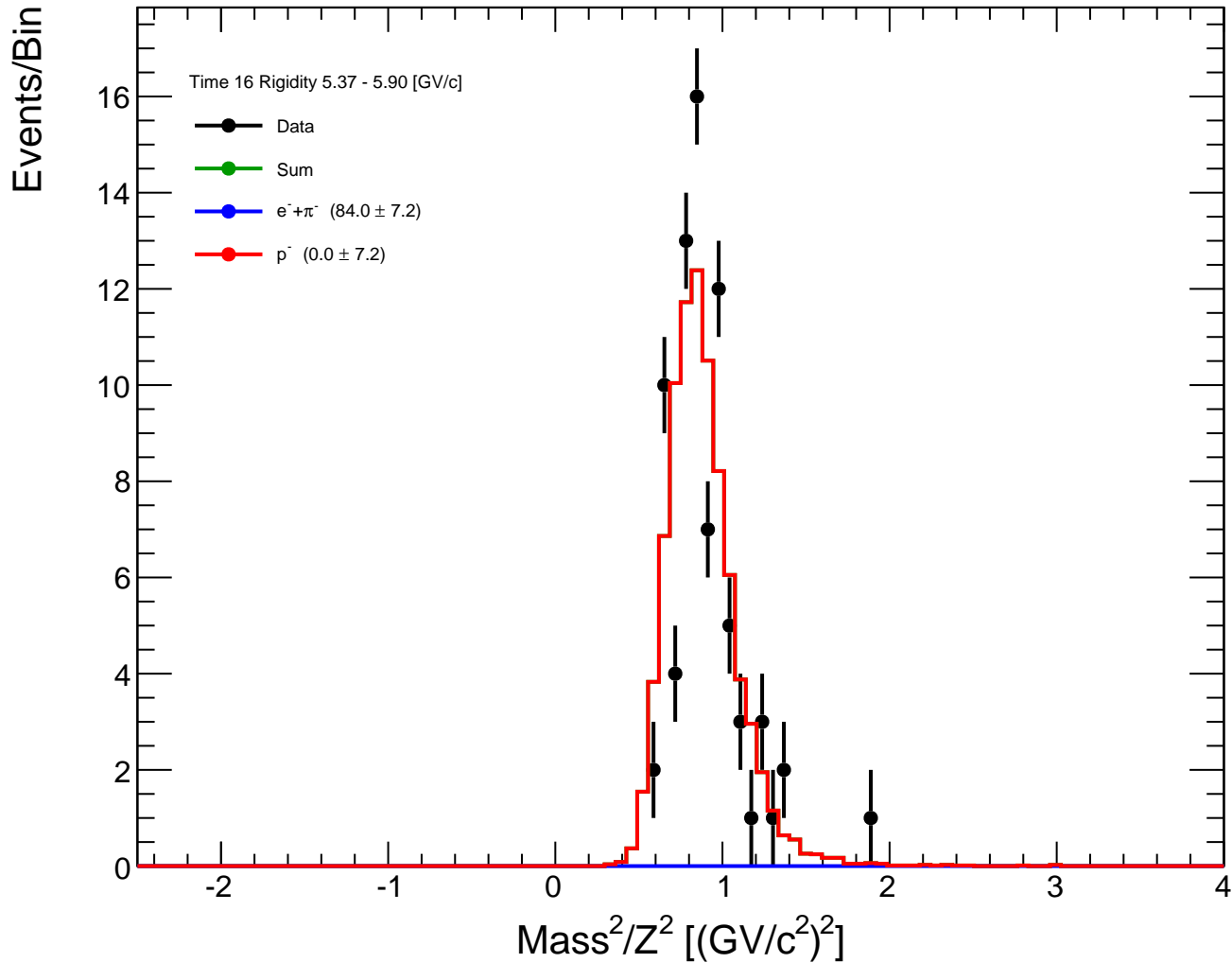


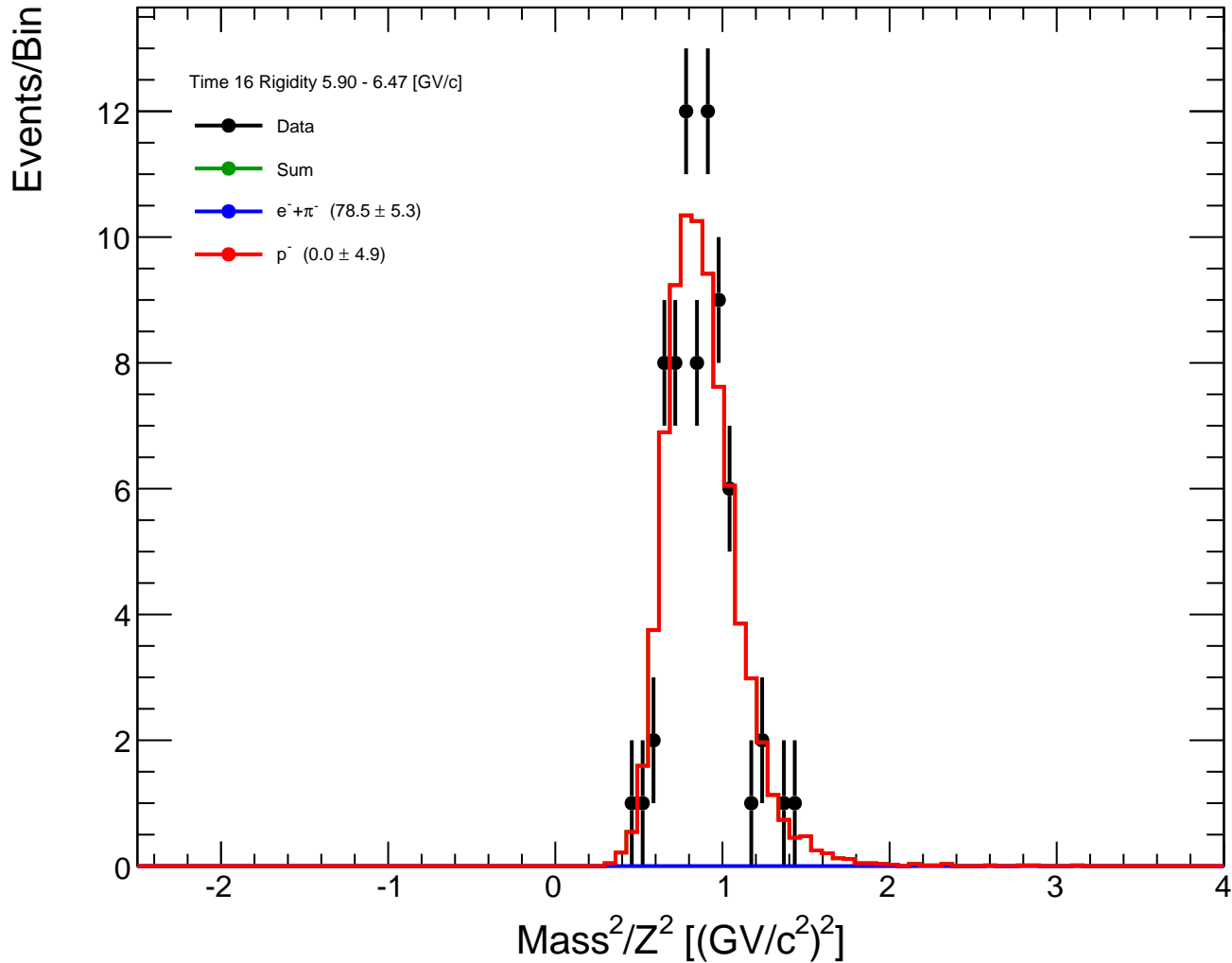


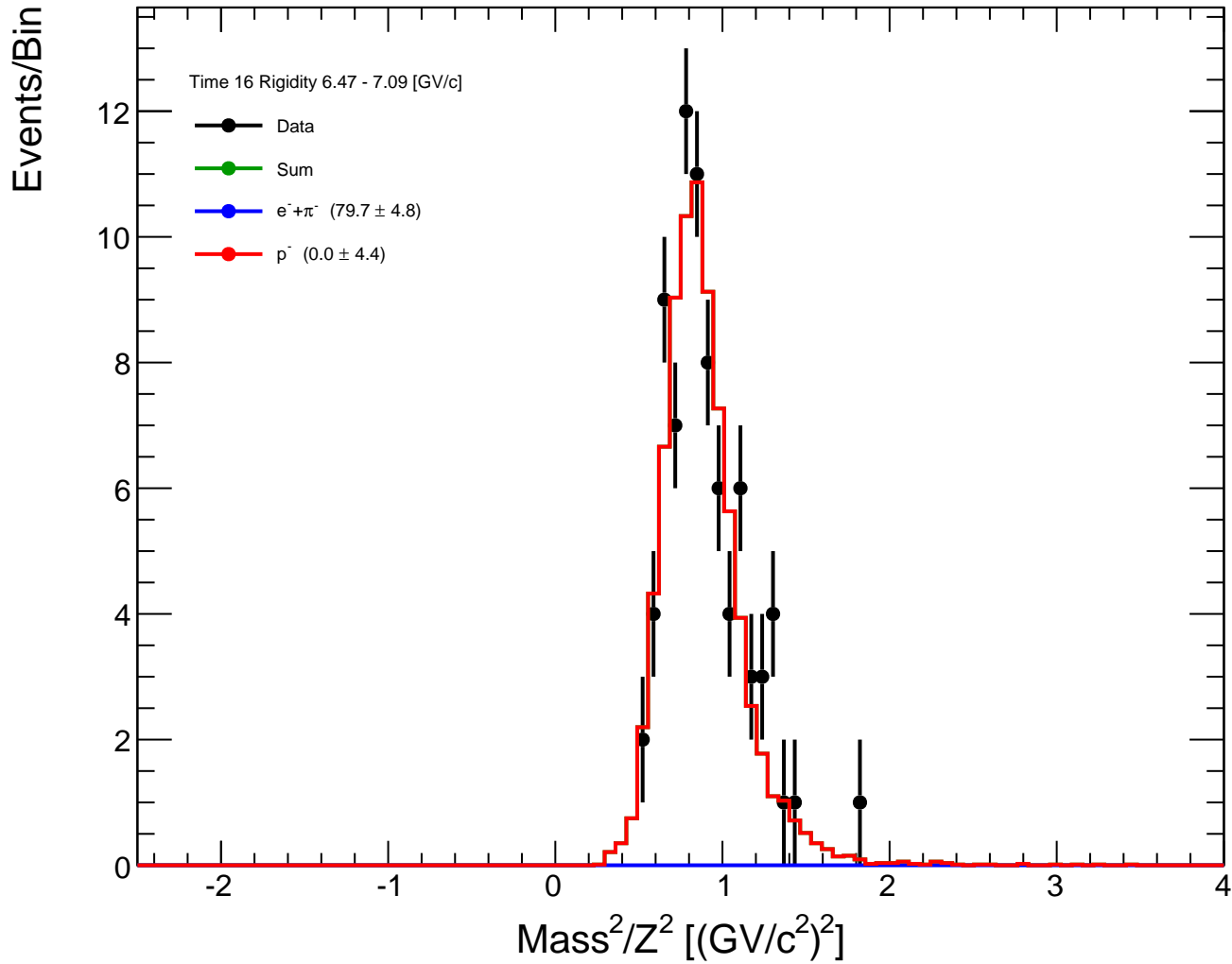


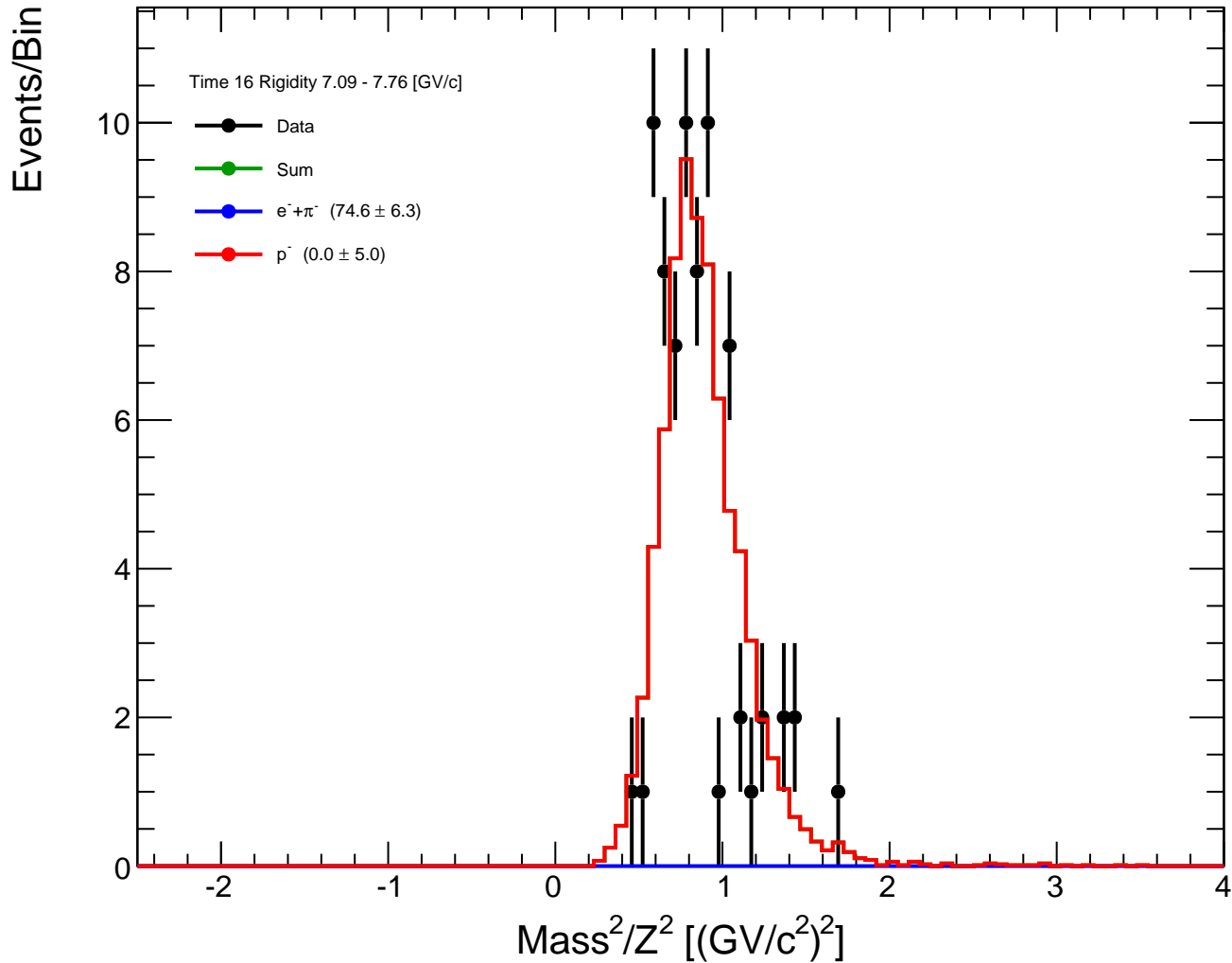
Events/Bin



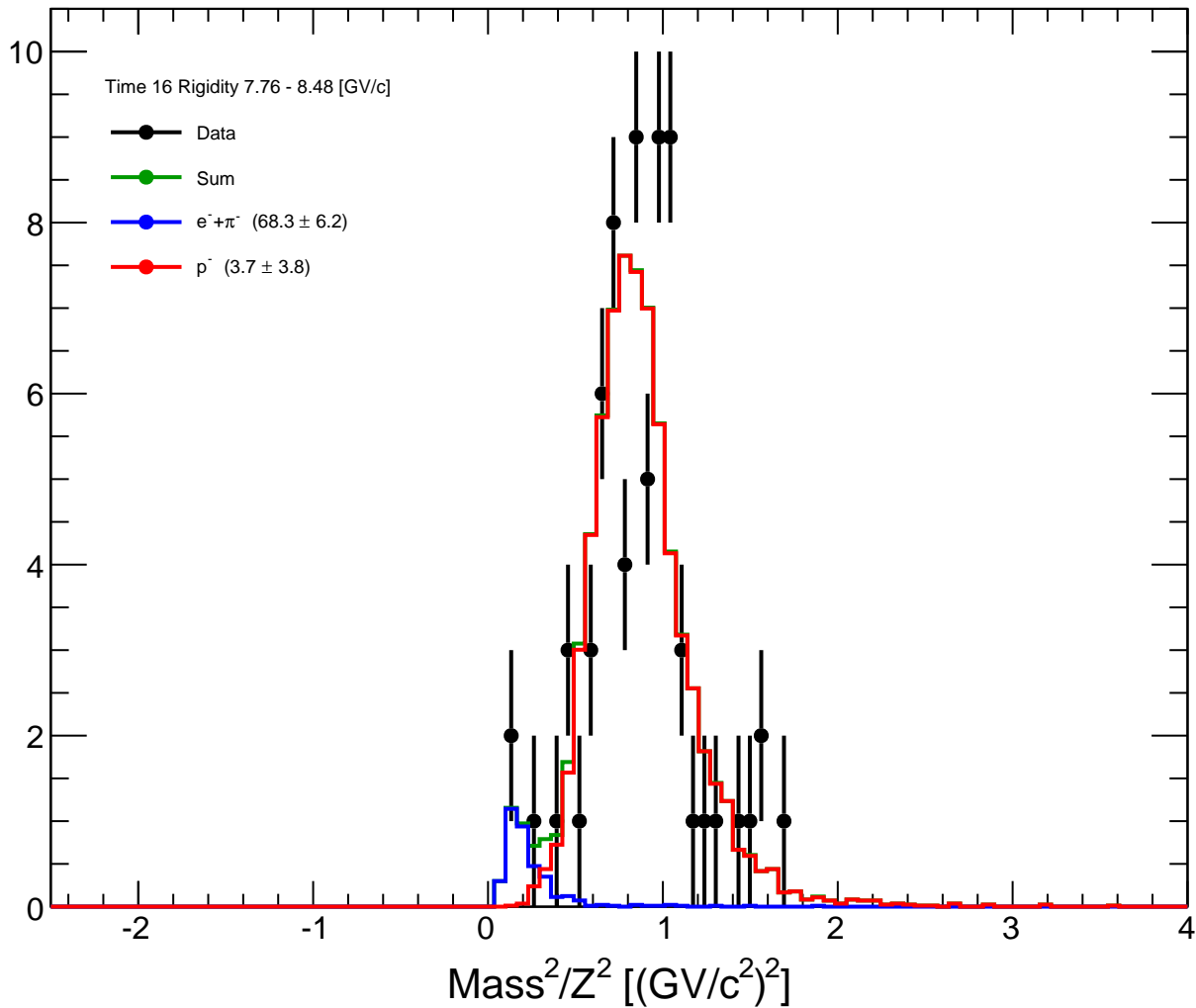


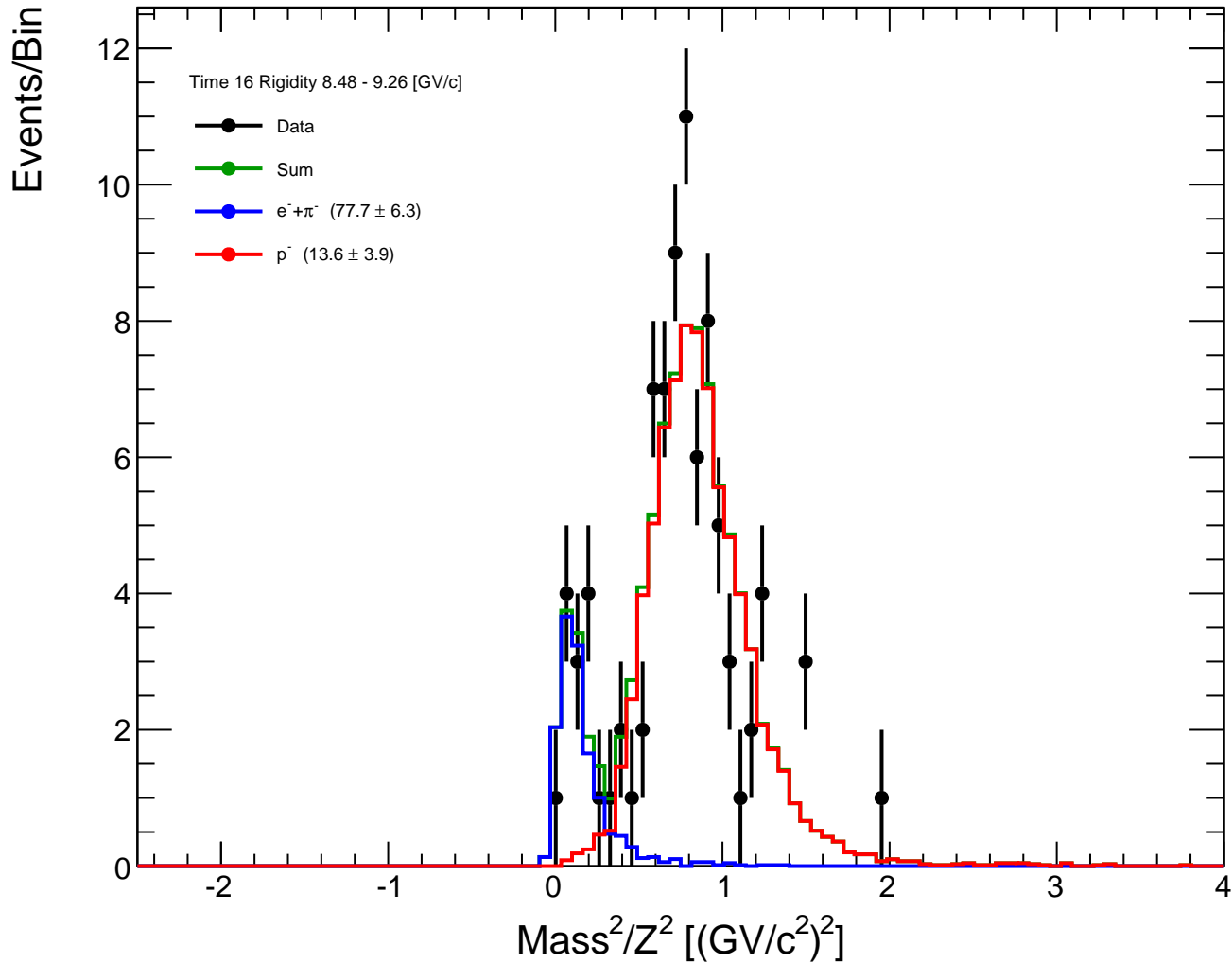


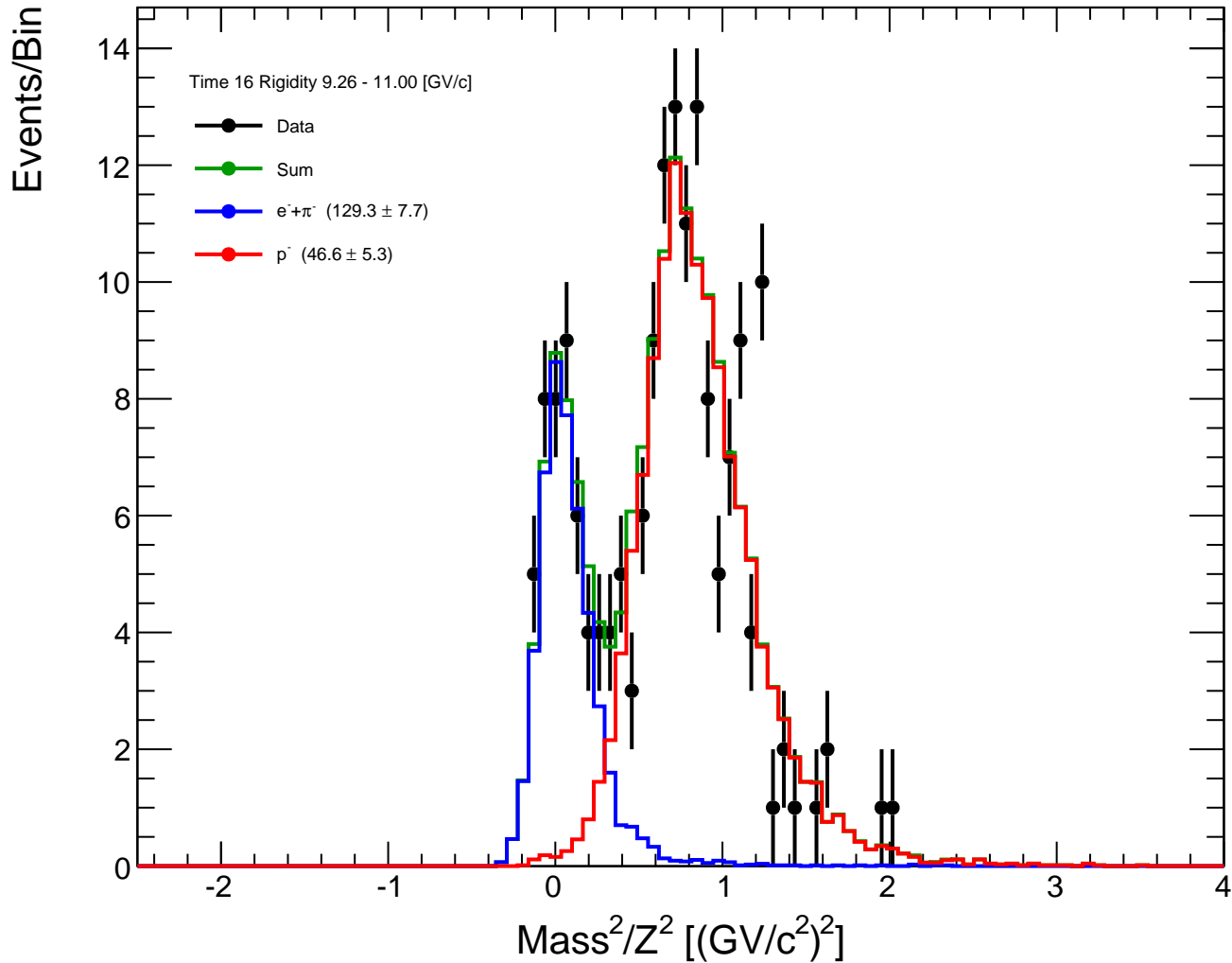


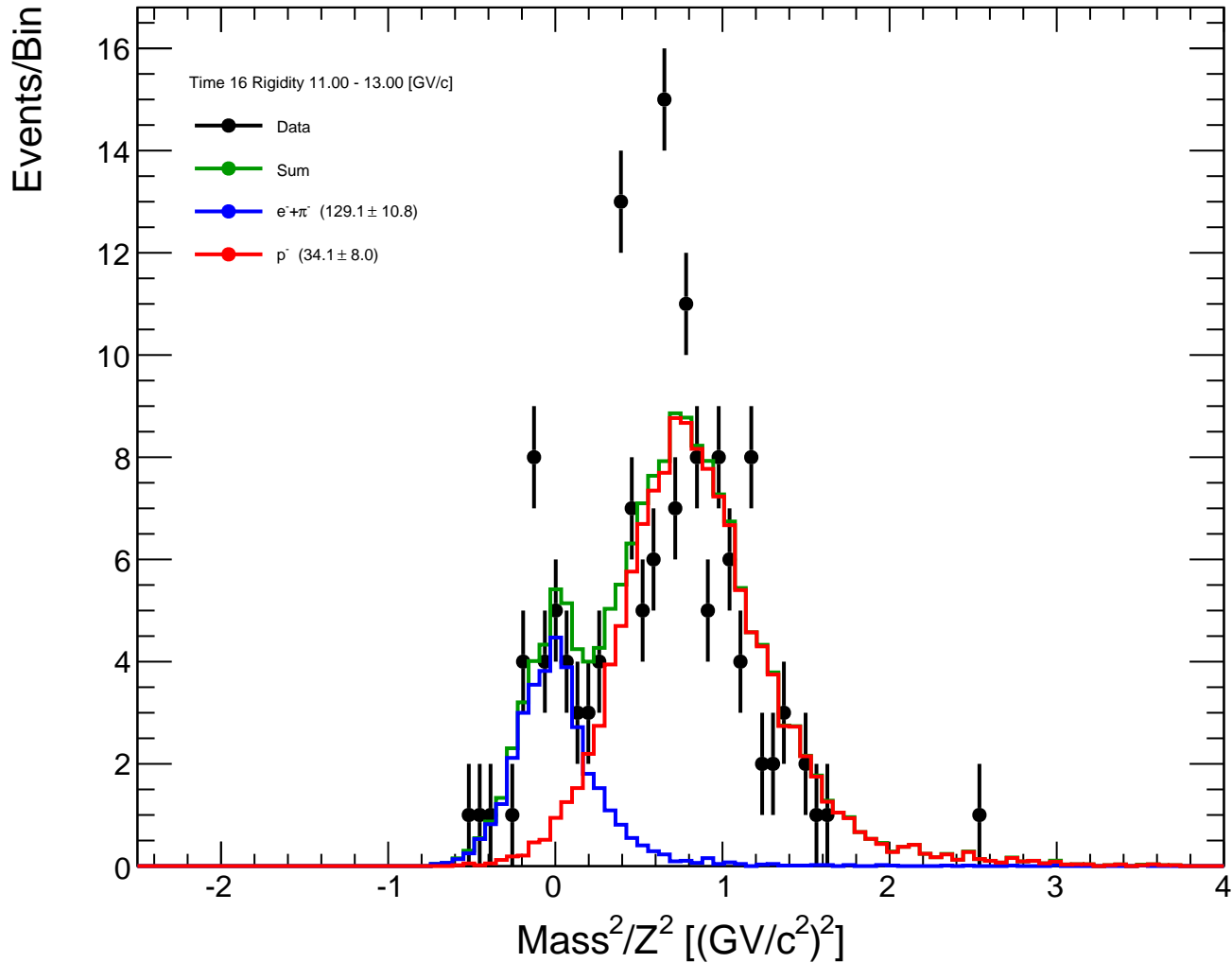


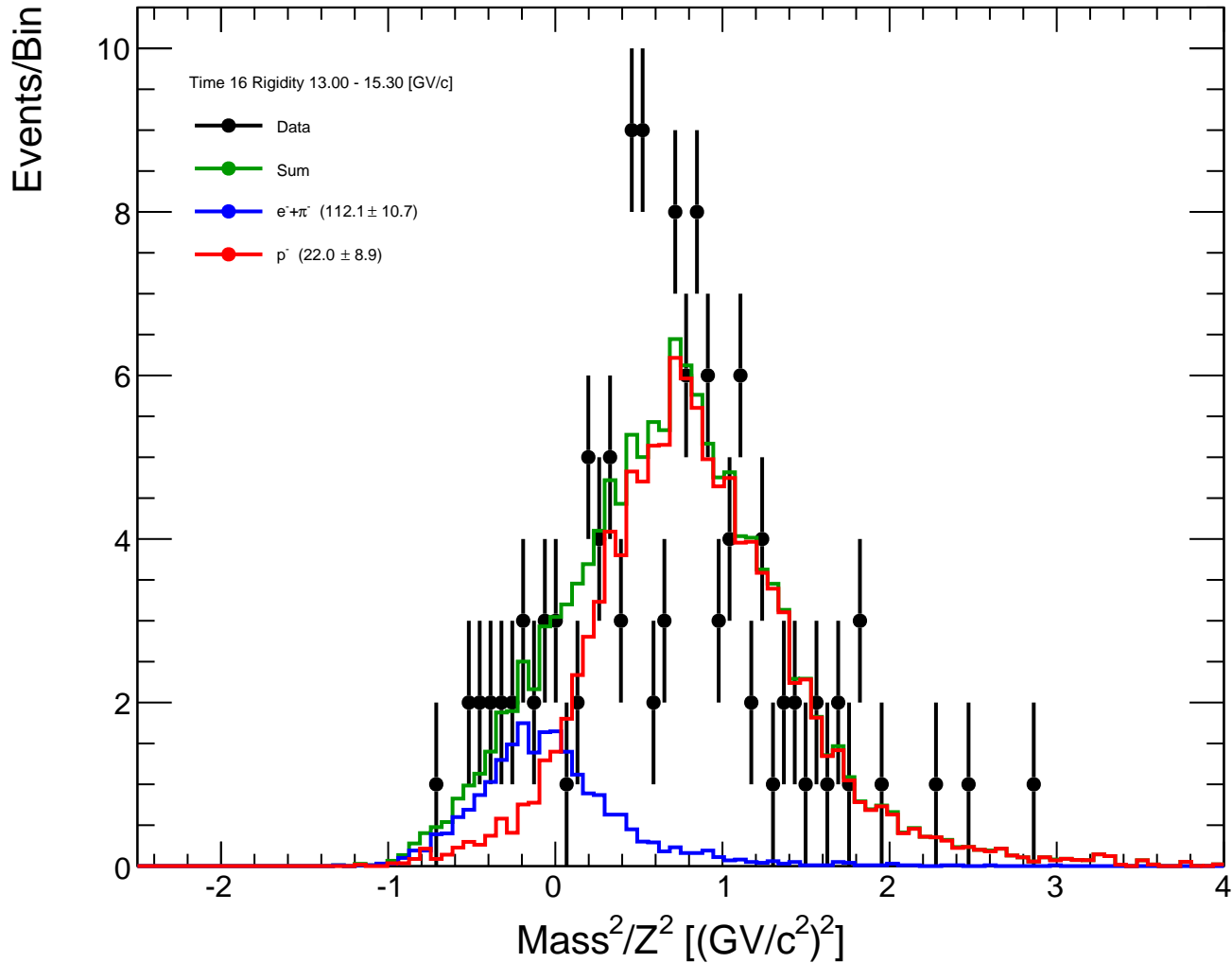
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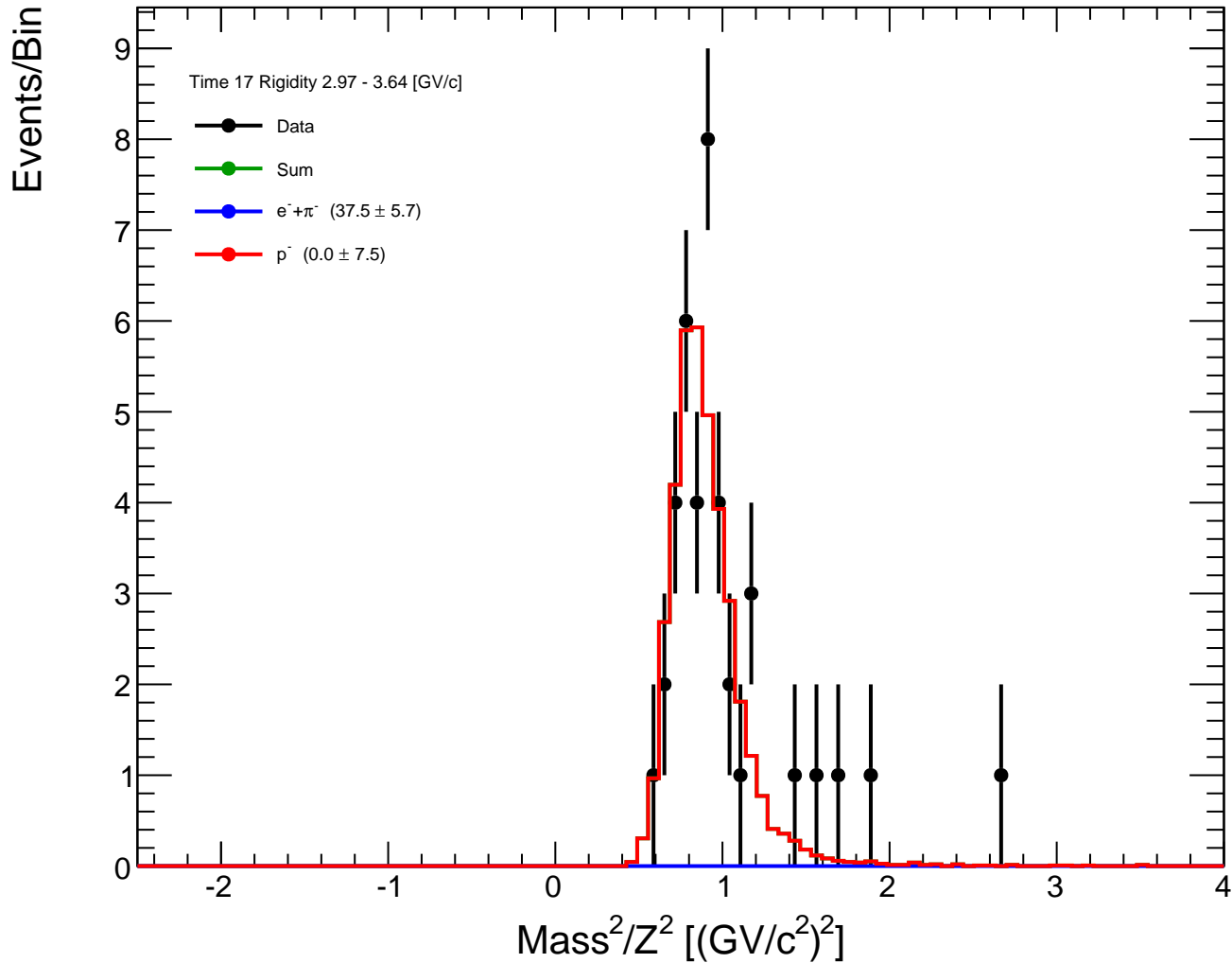


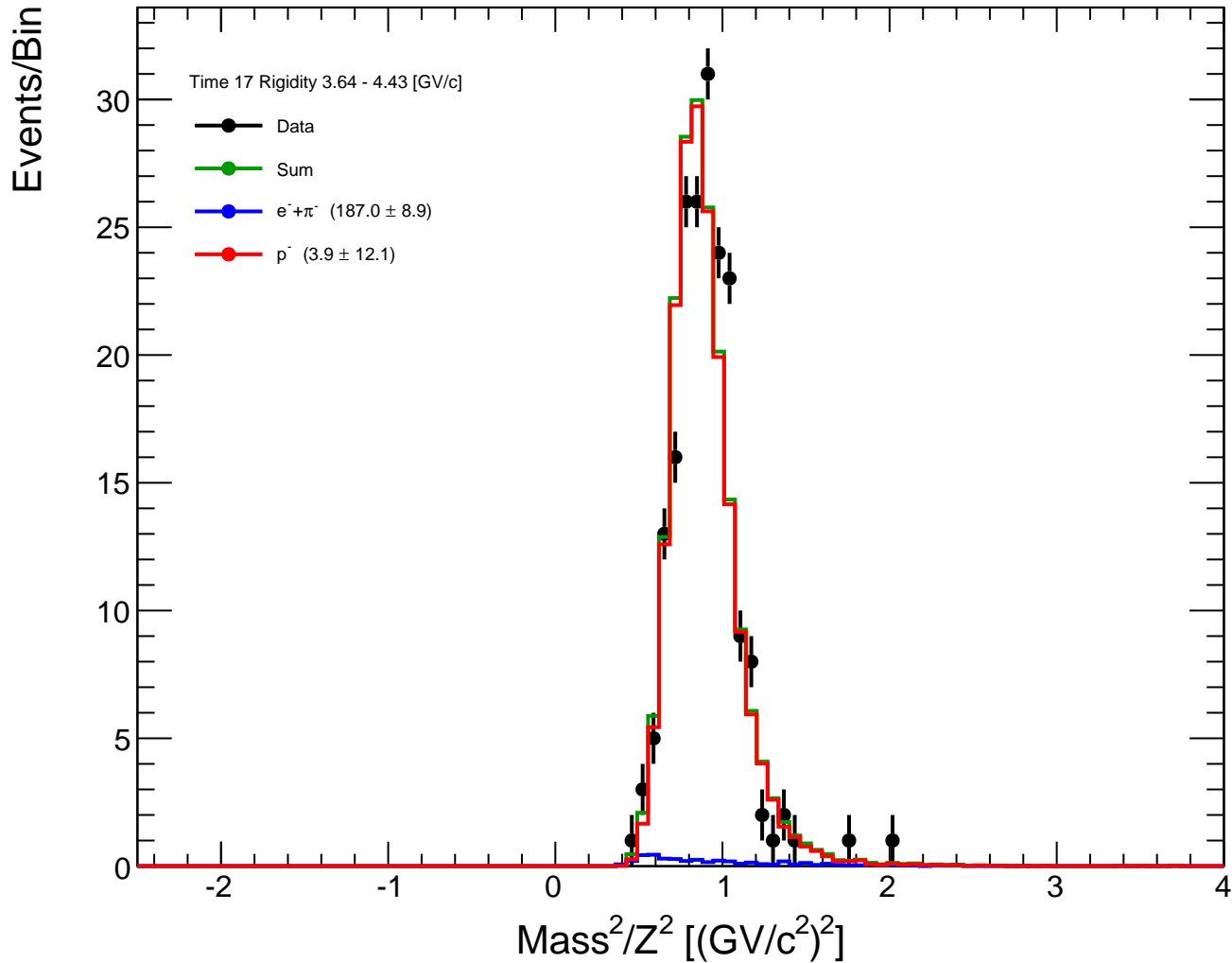




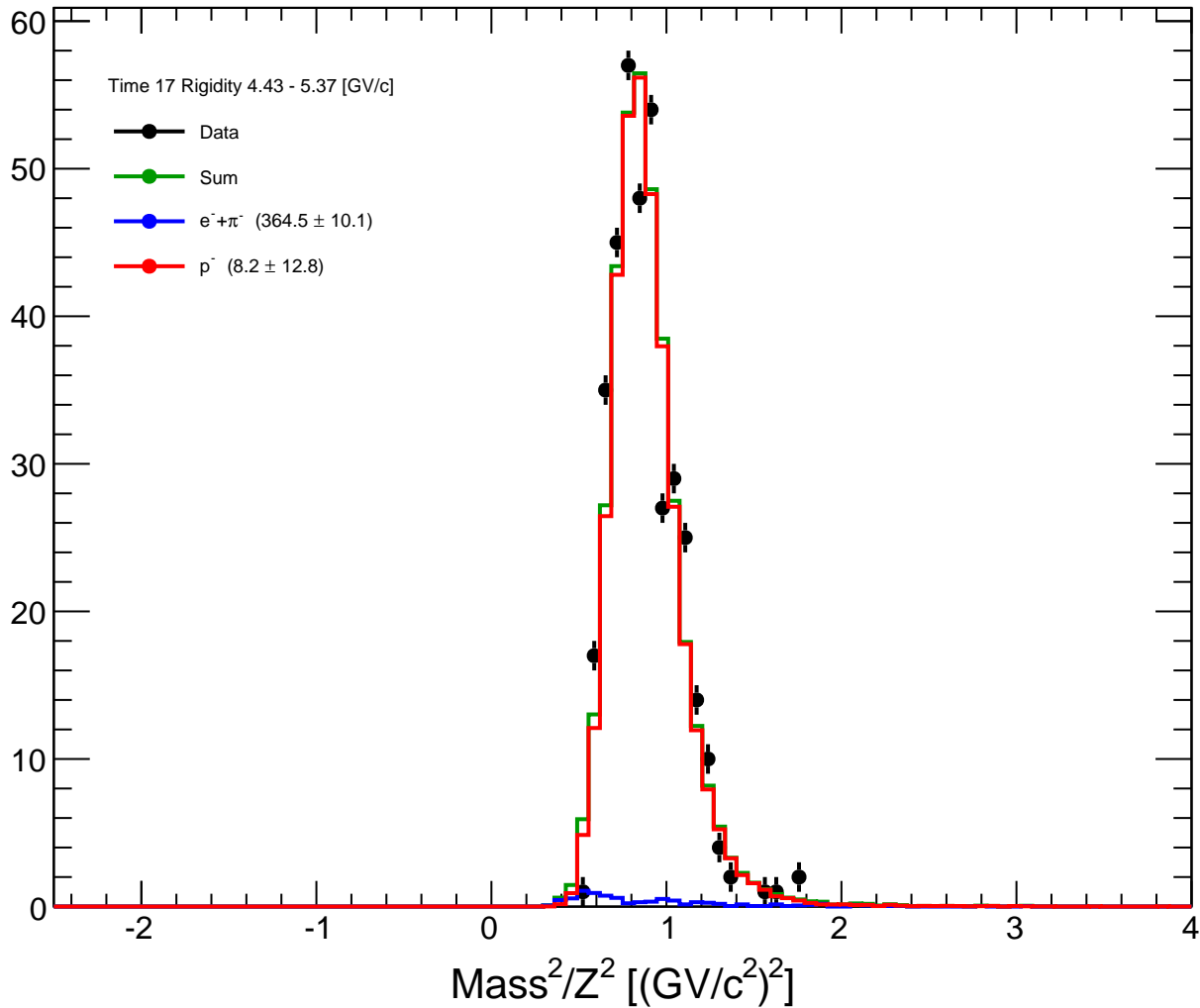


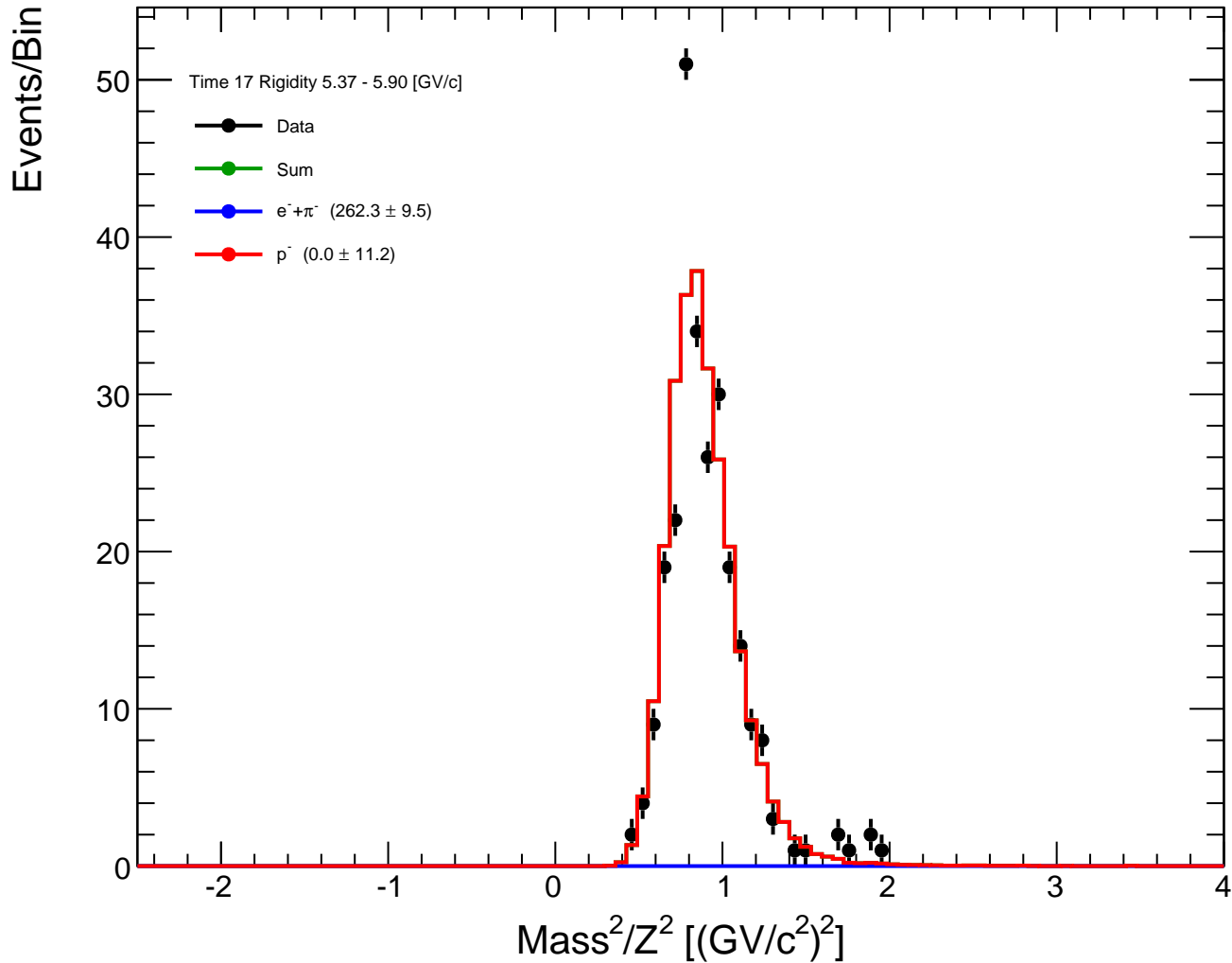


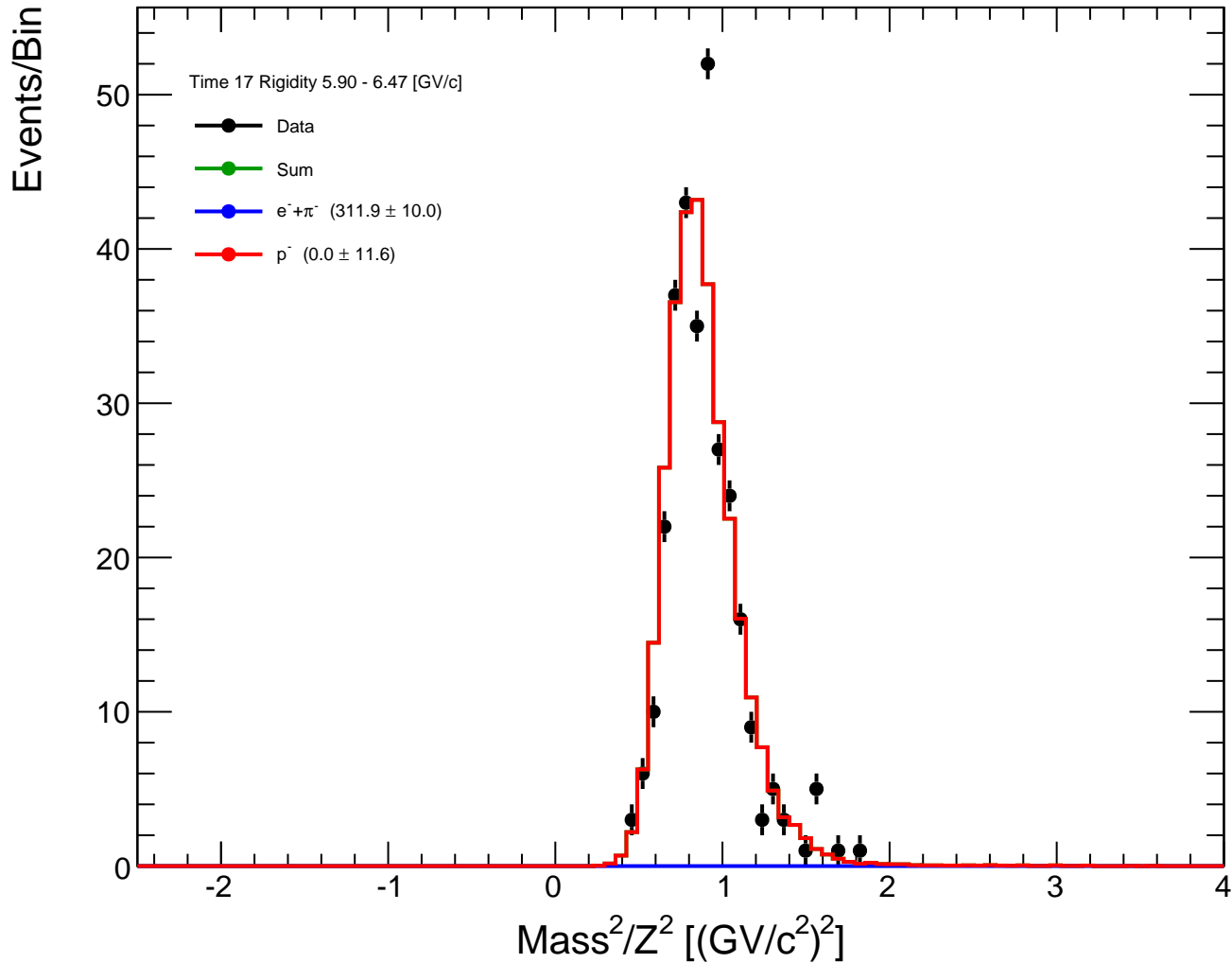


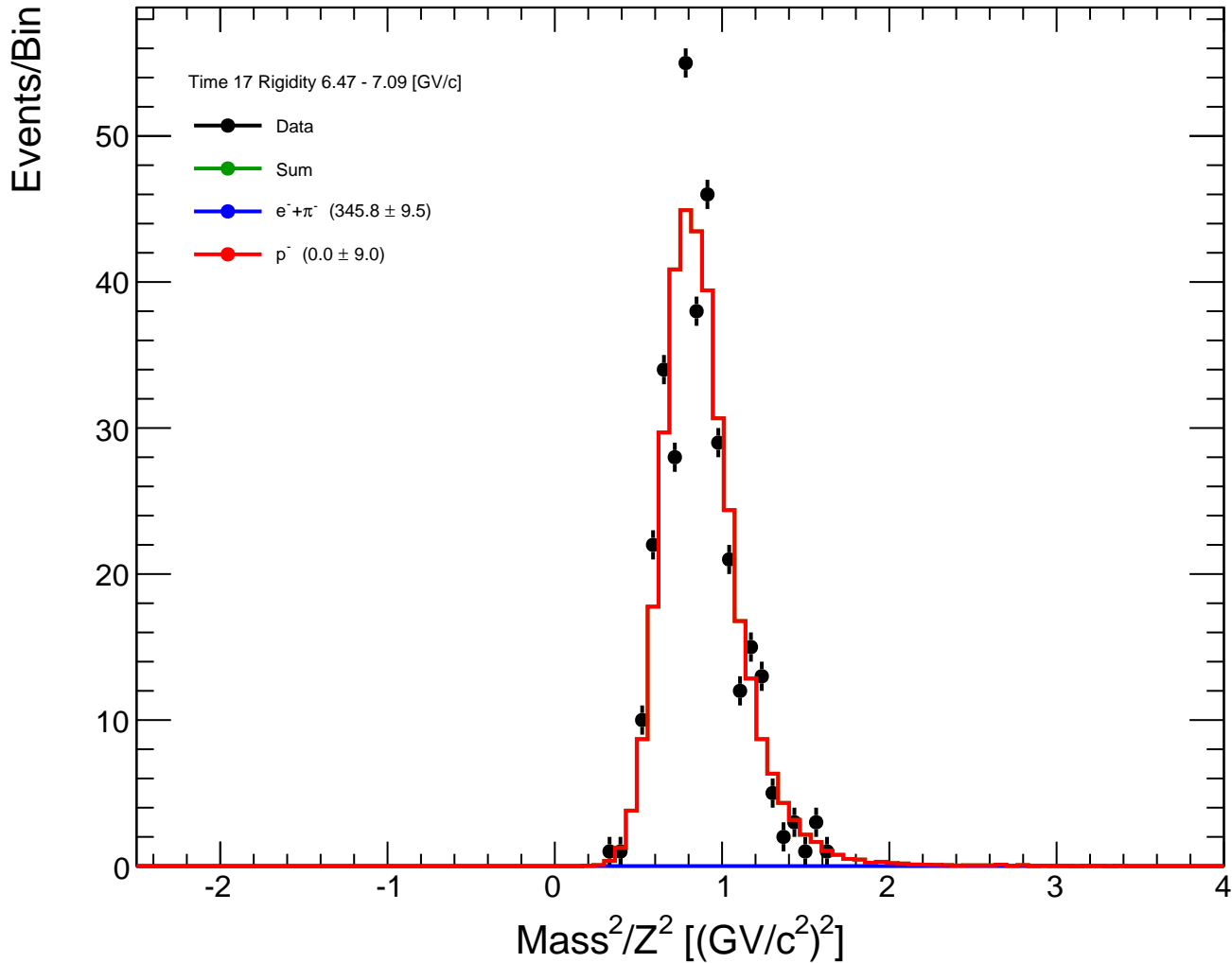


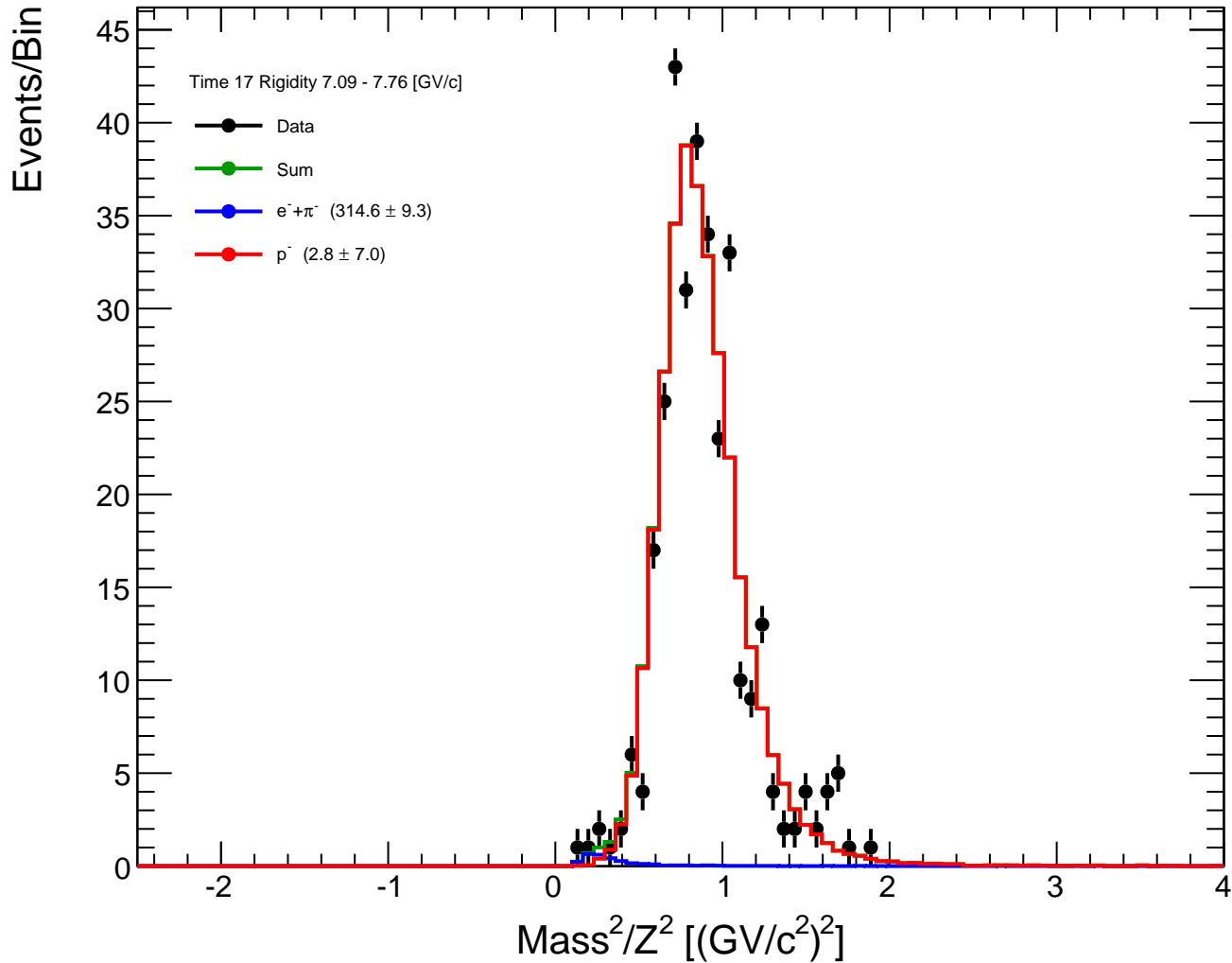
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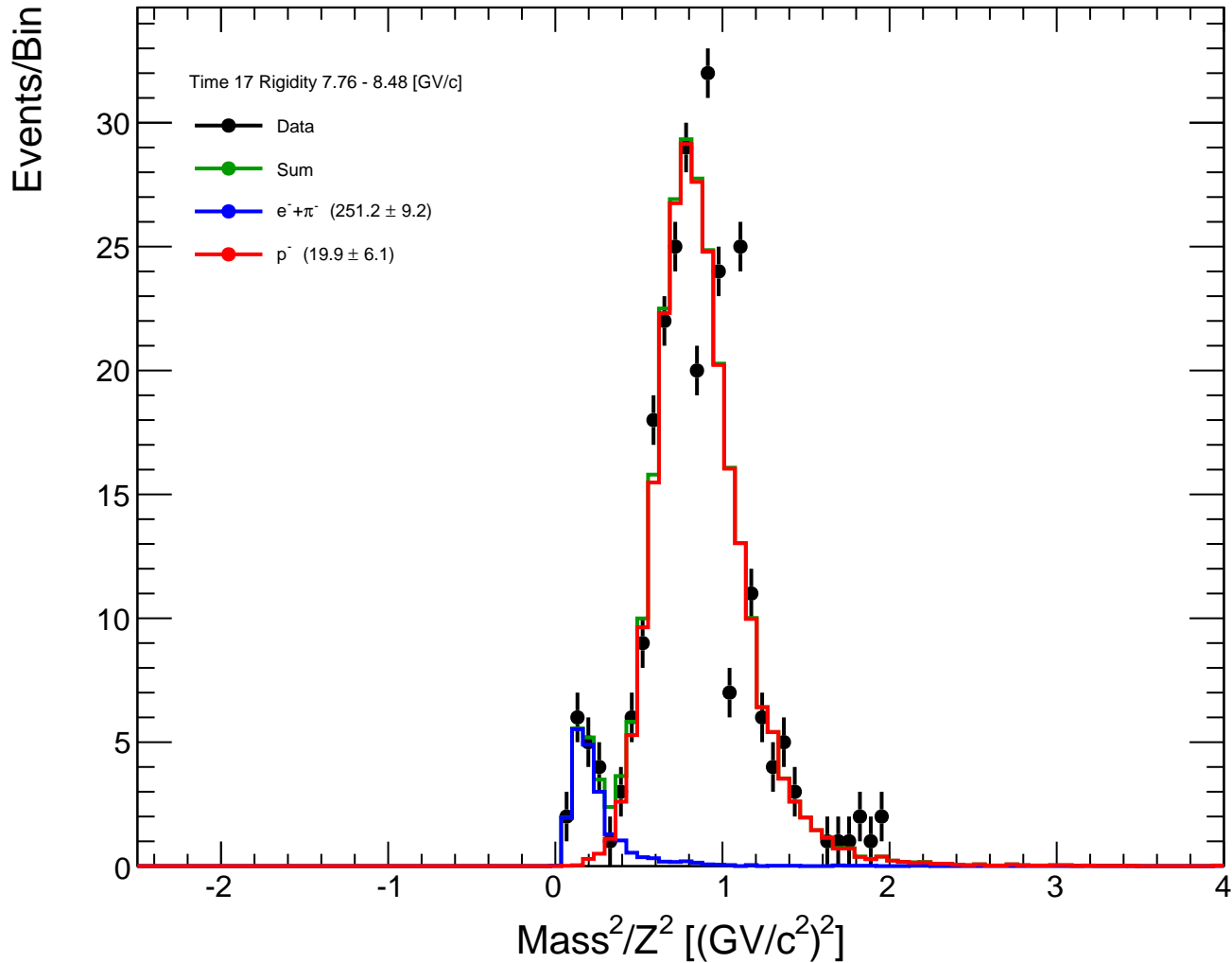


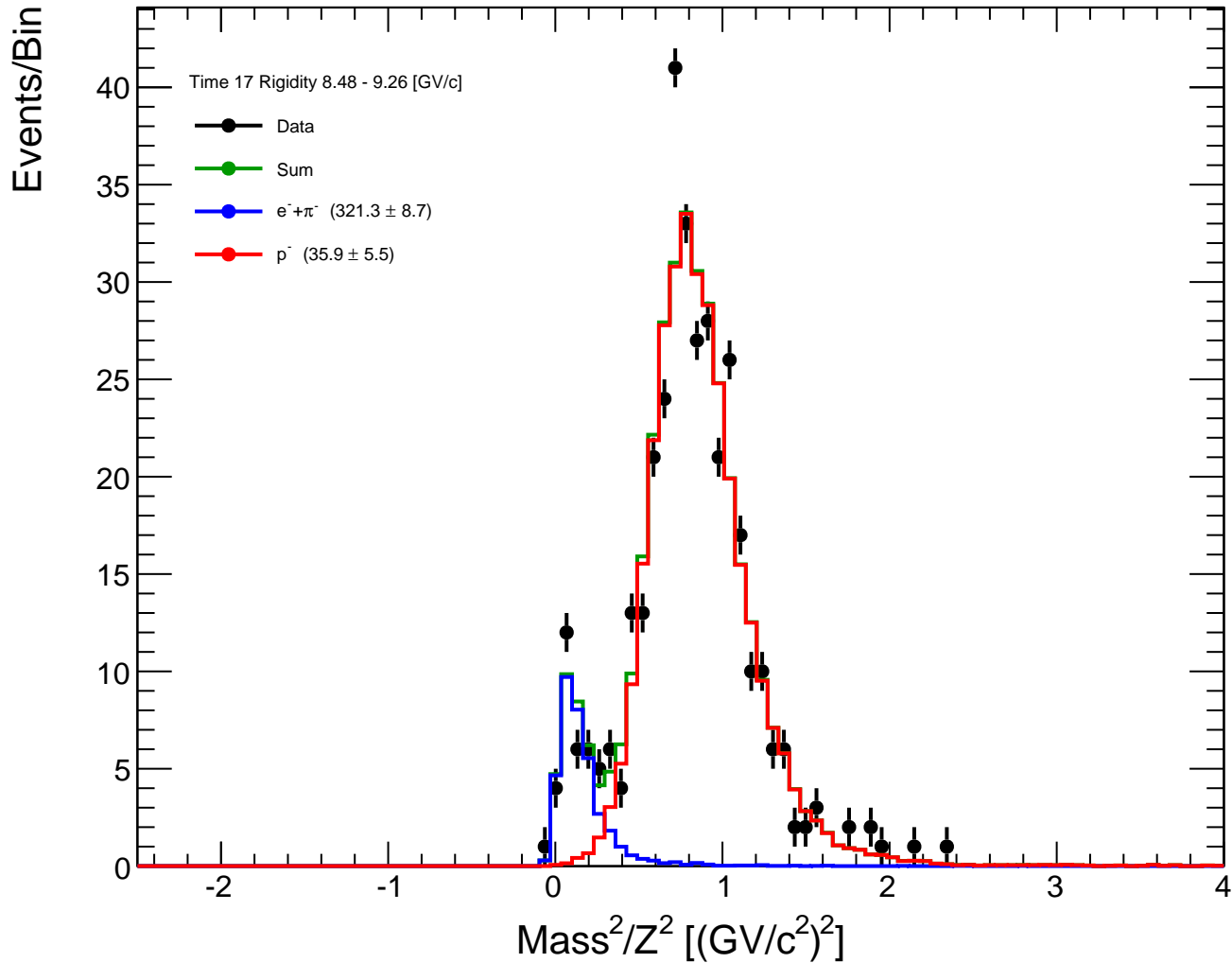


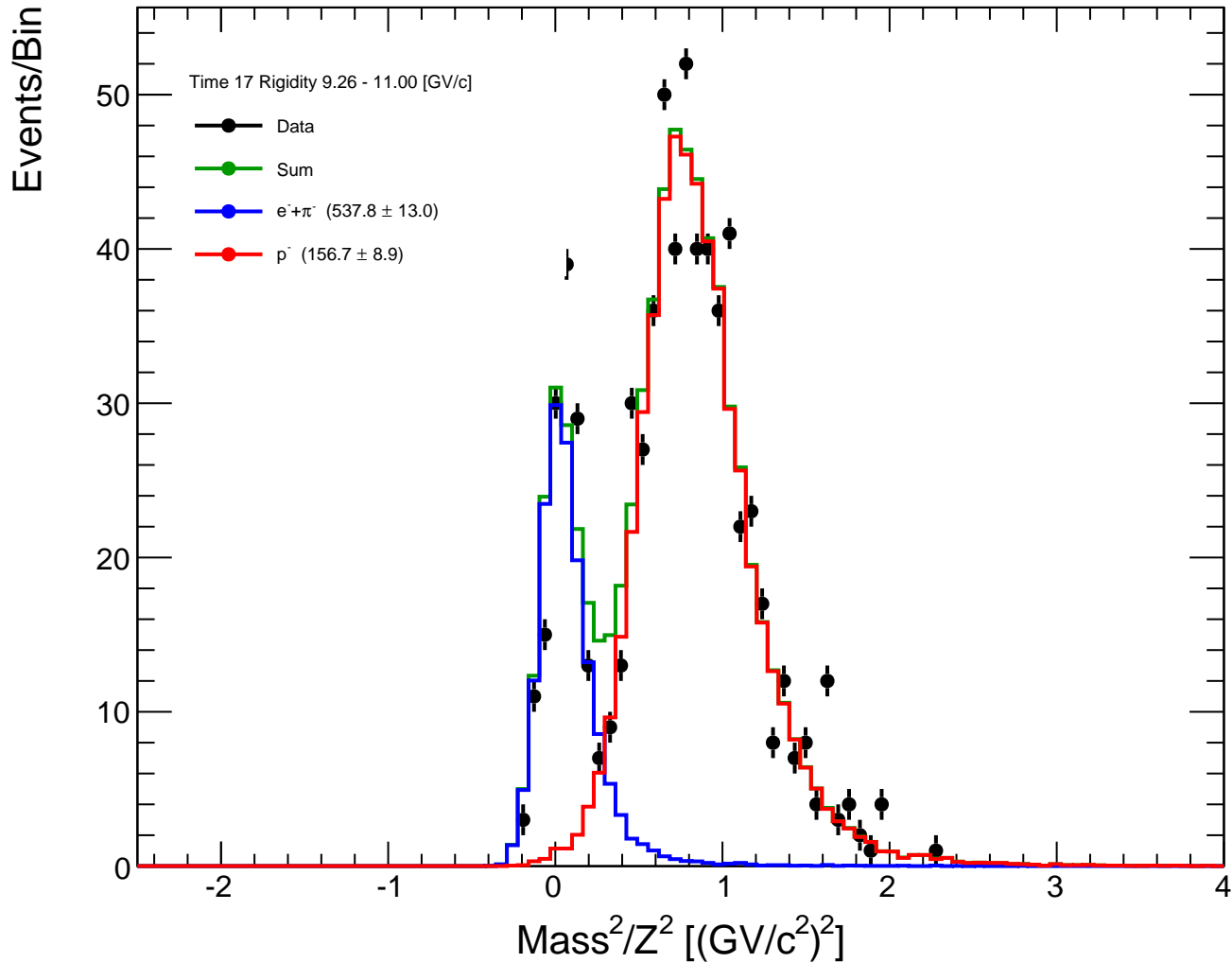


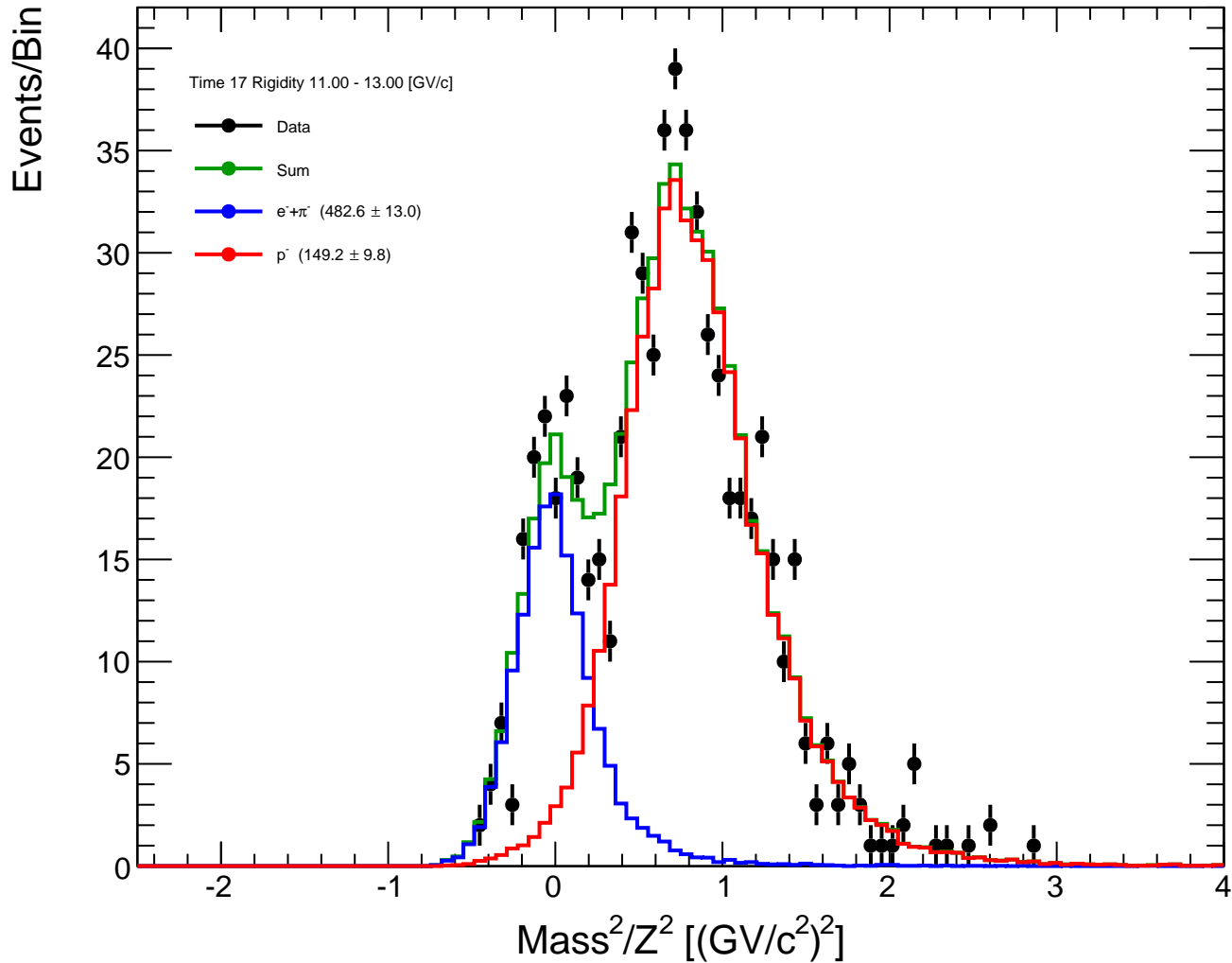




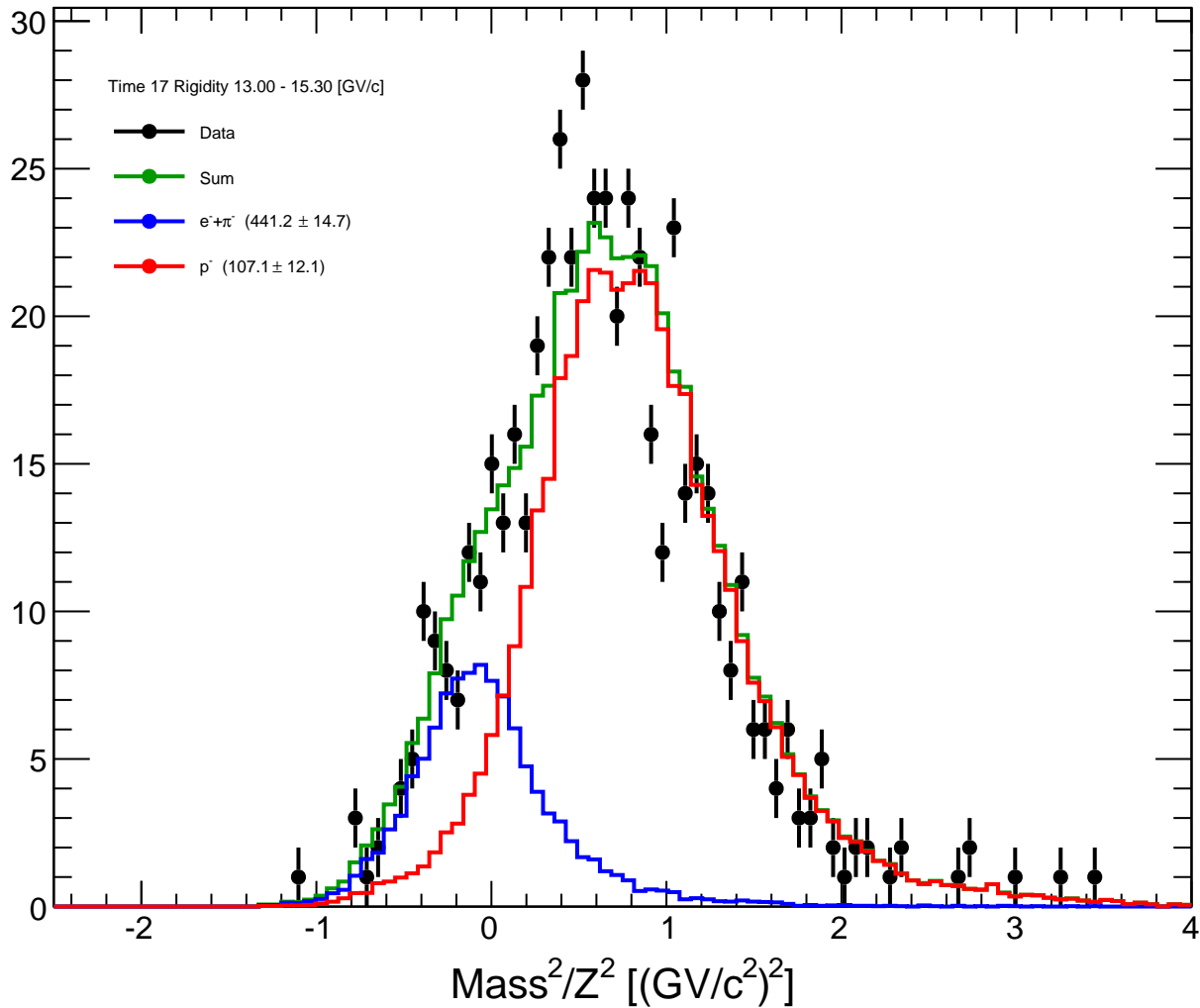


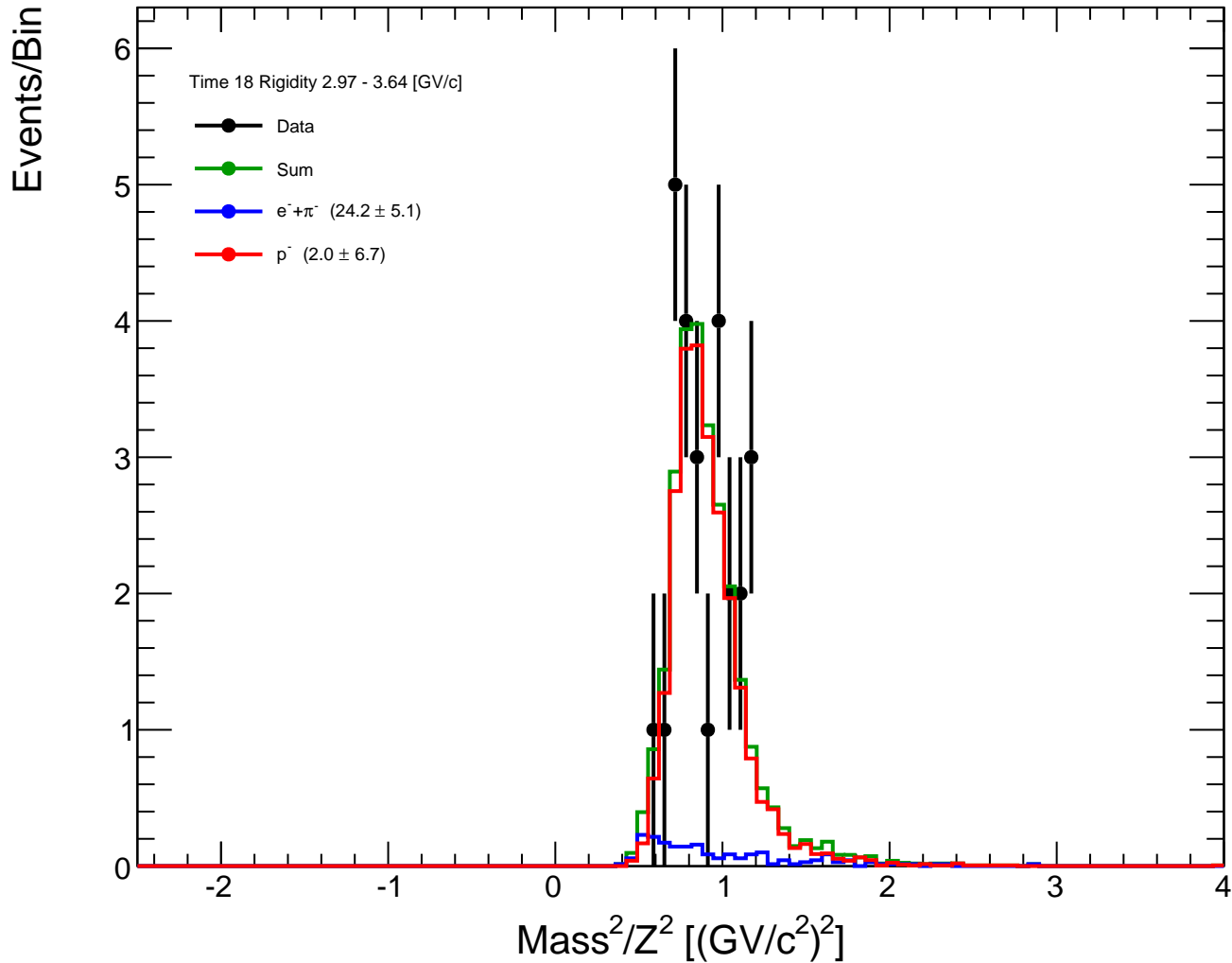


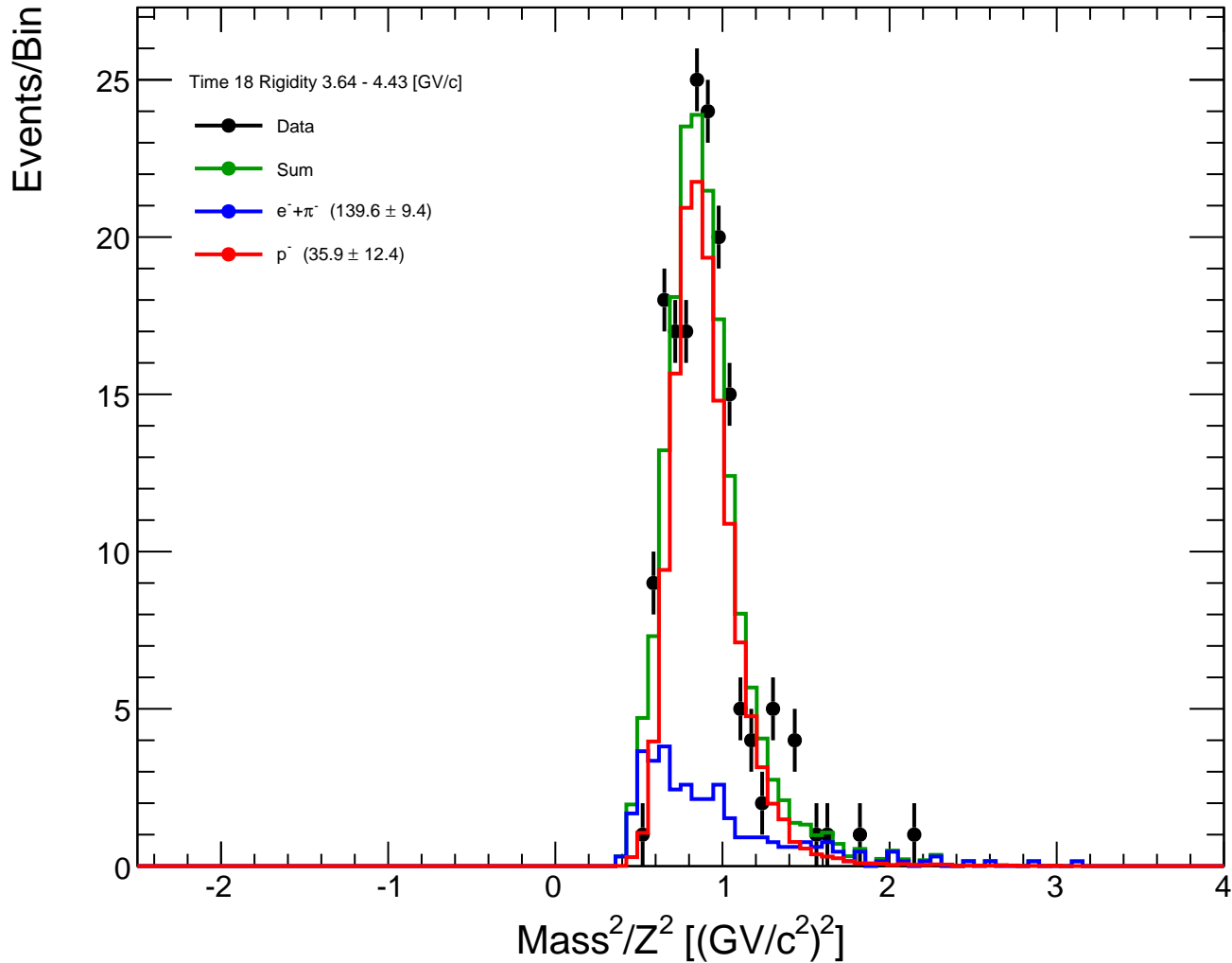


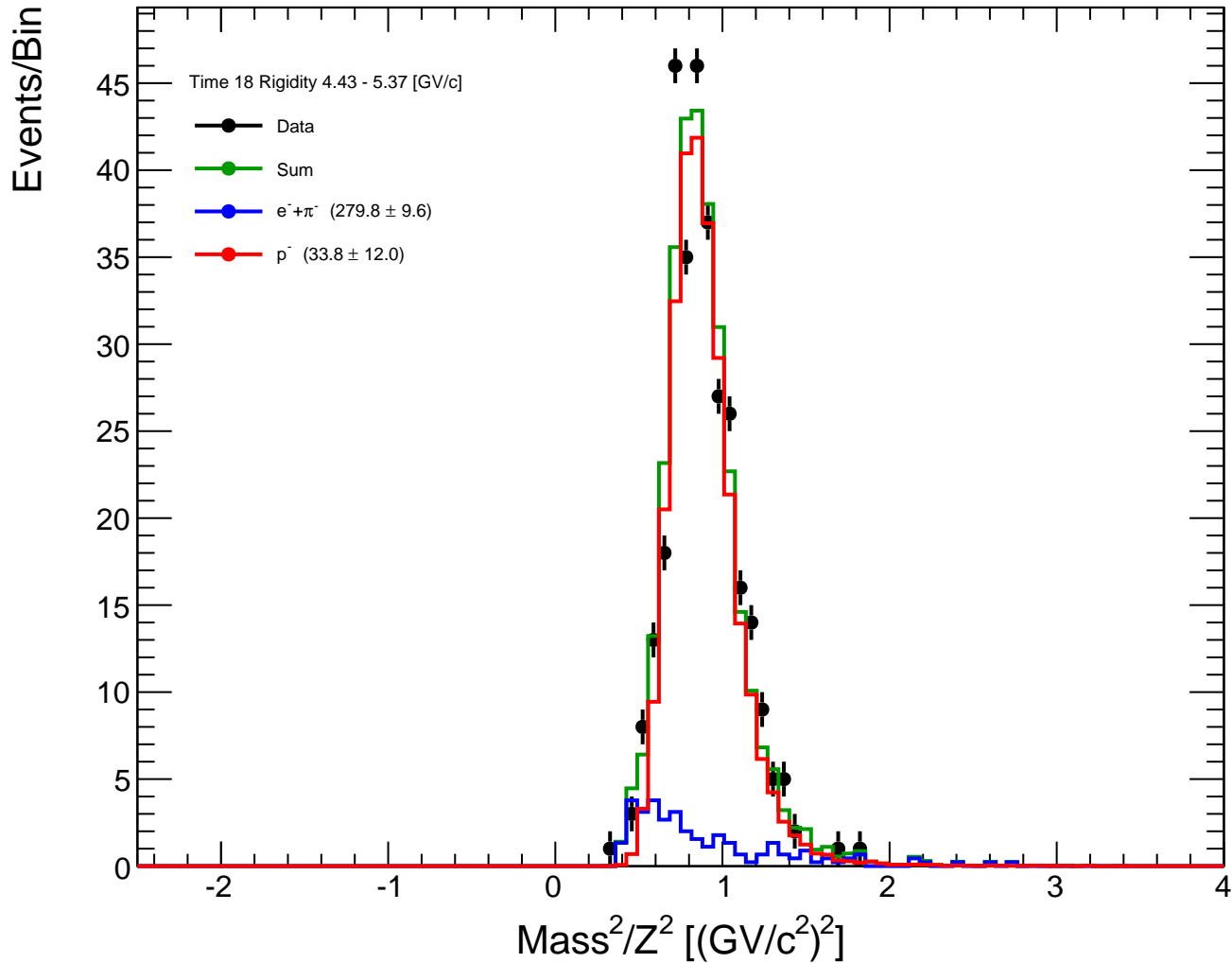


Events/Bin

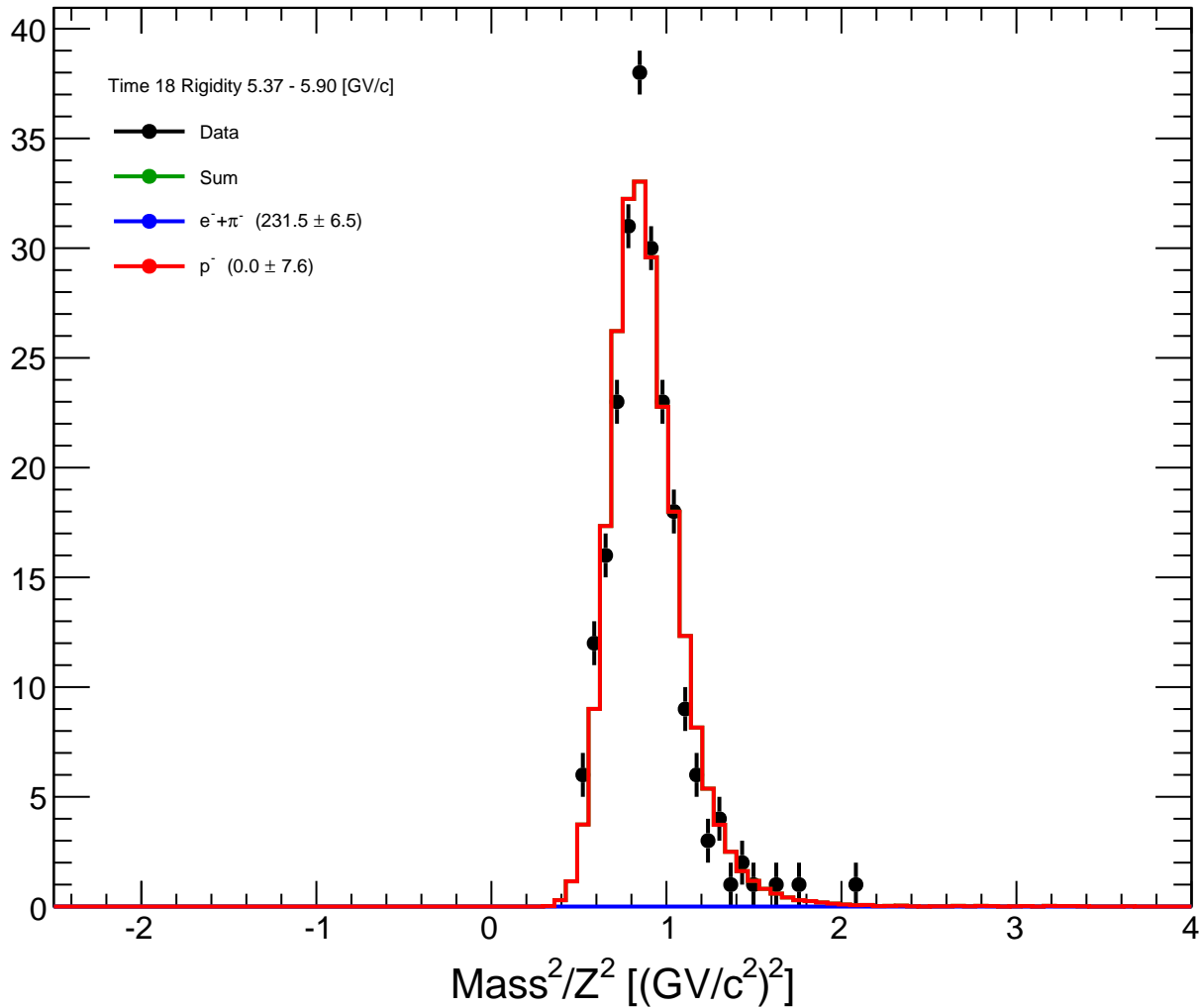


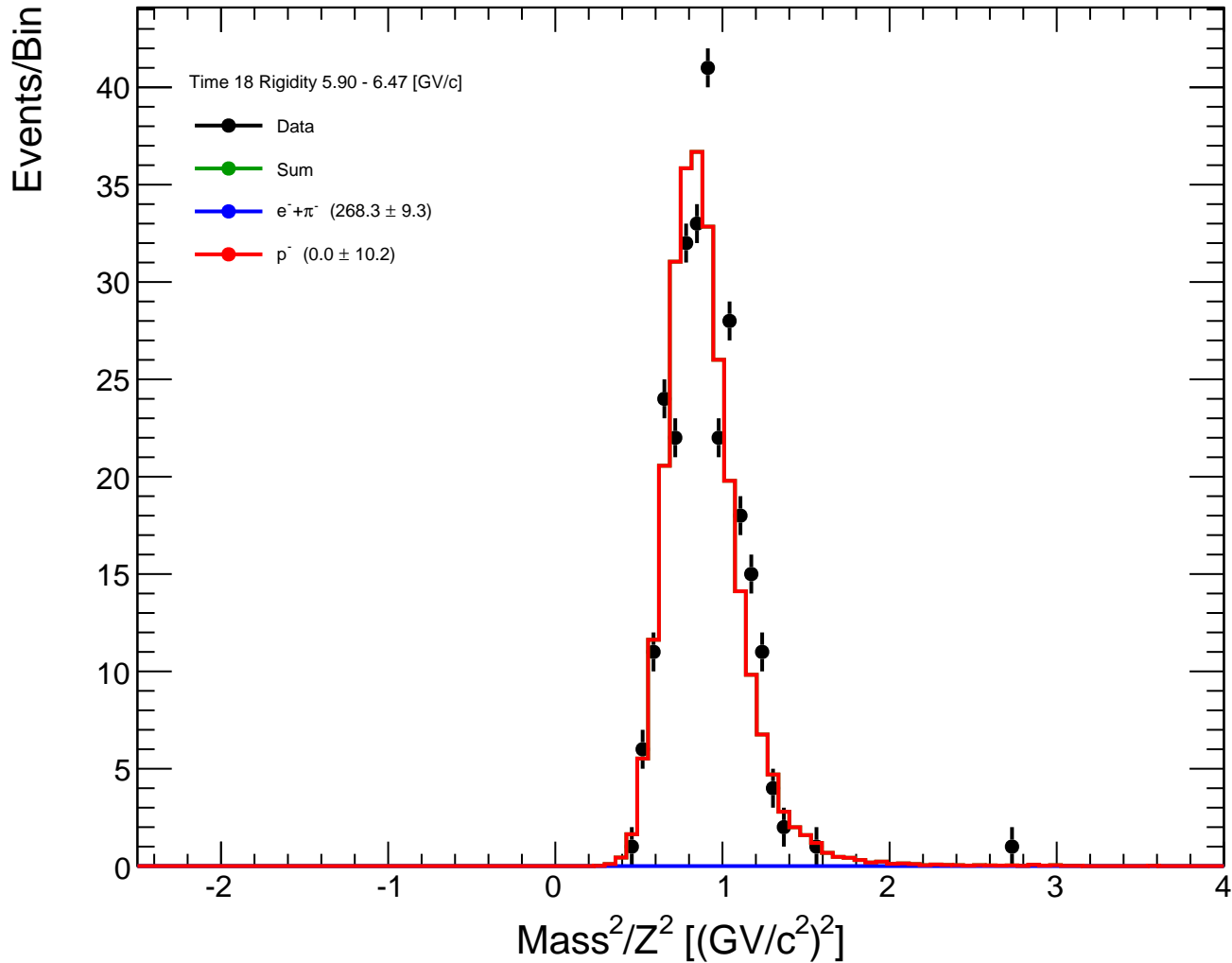


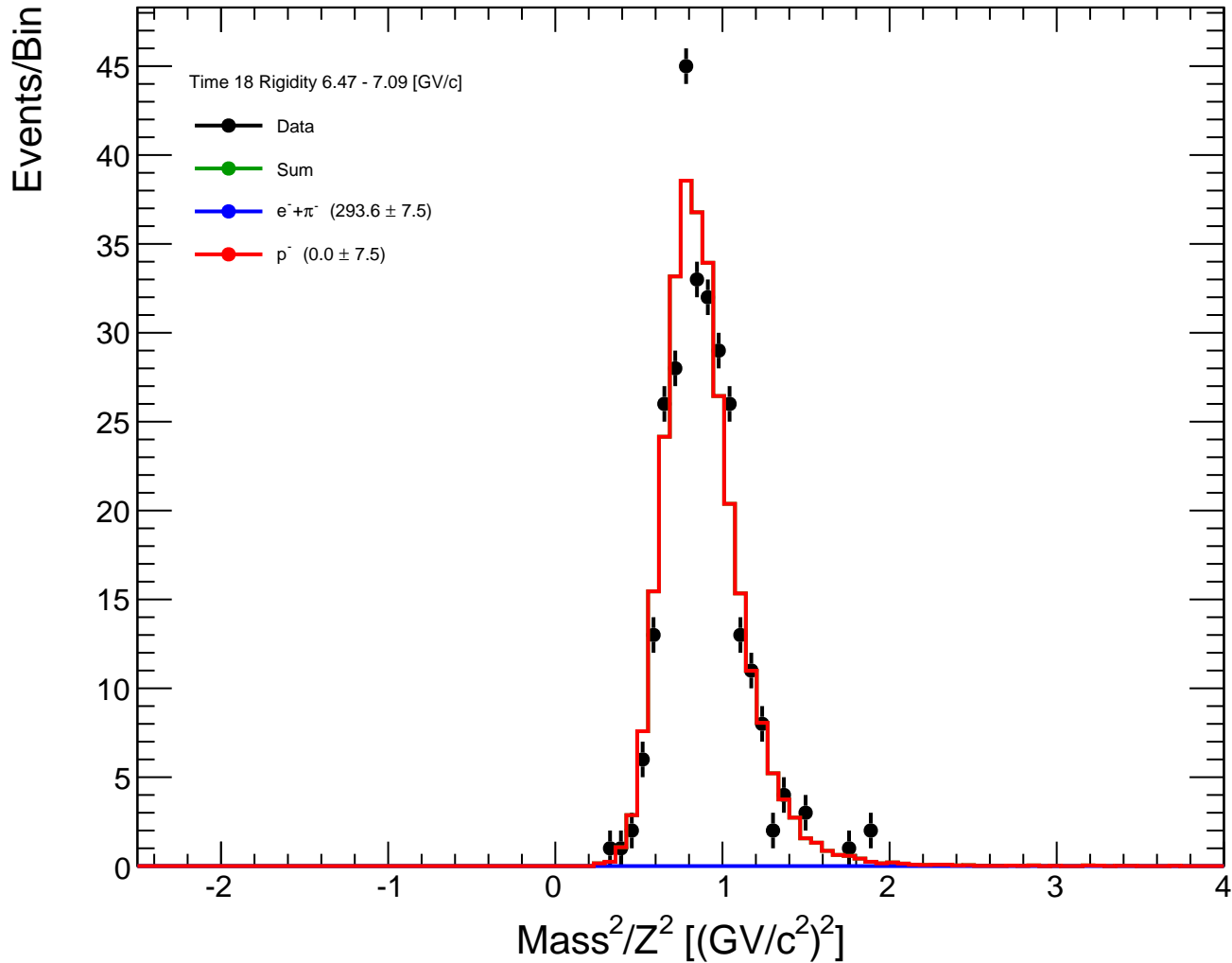


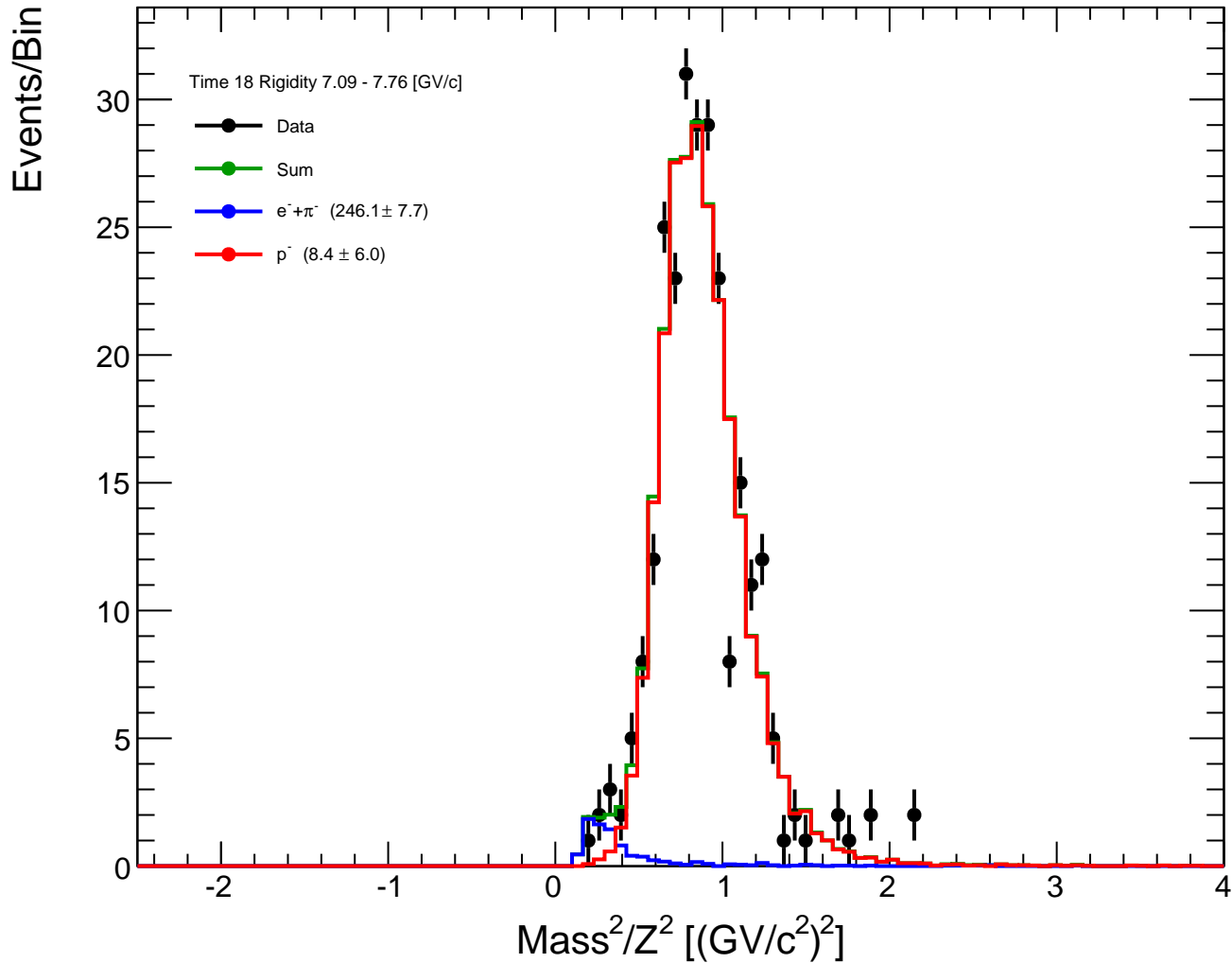


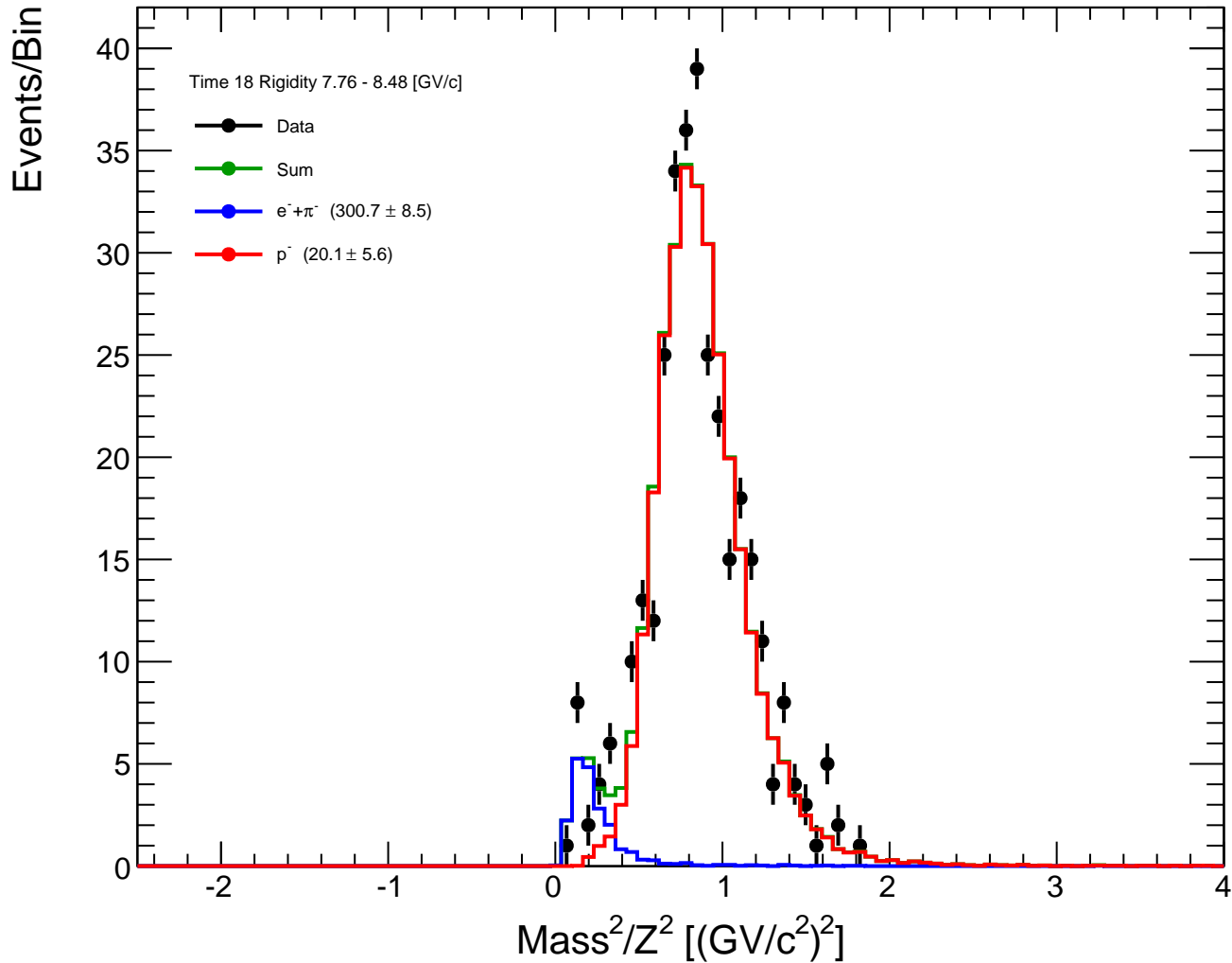
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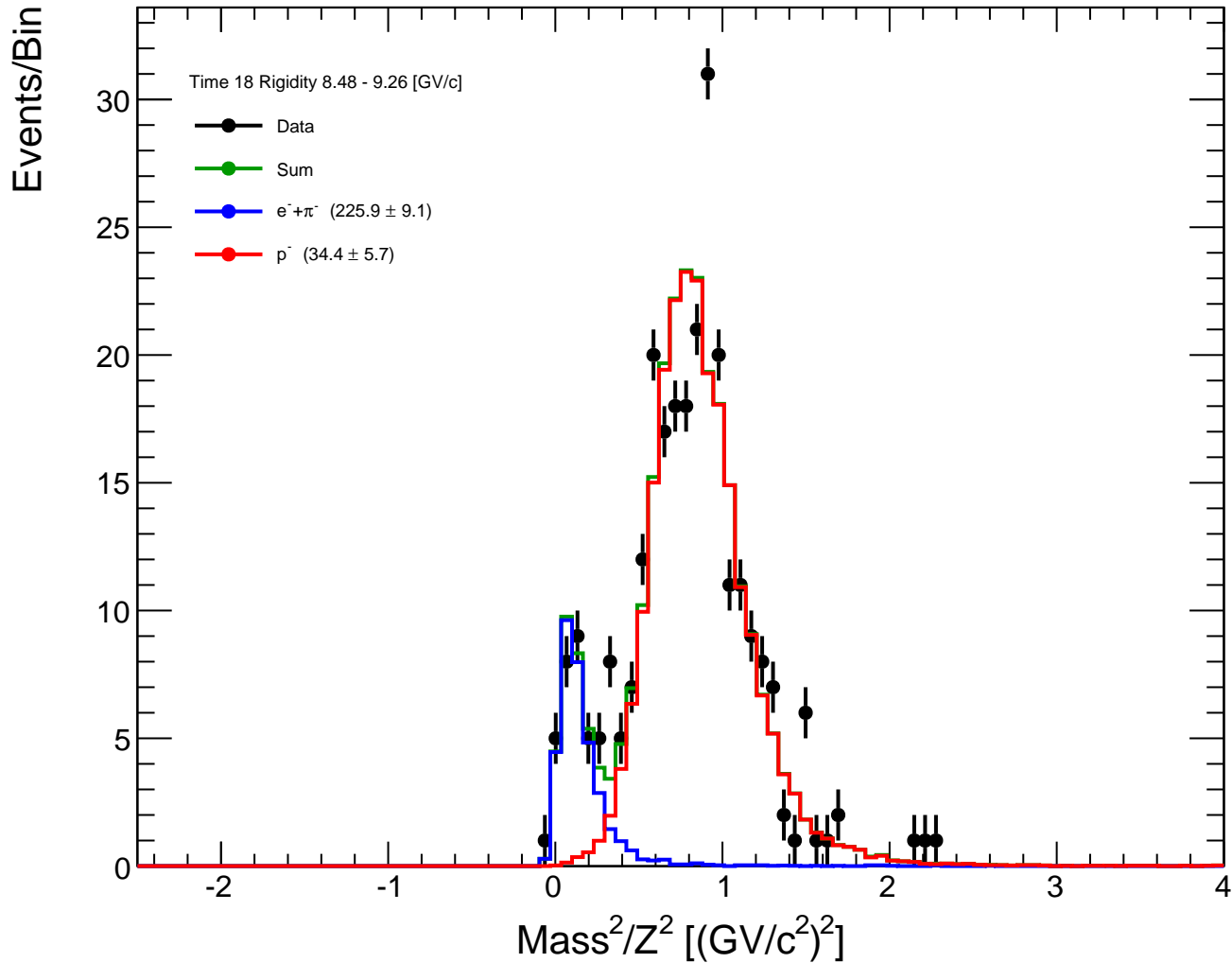




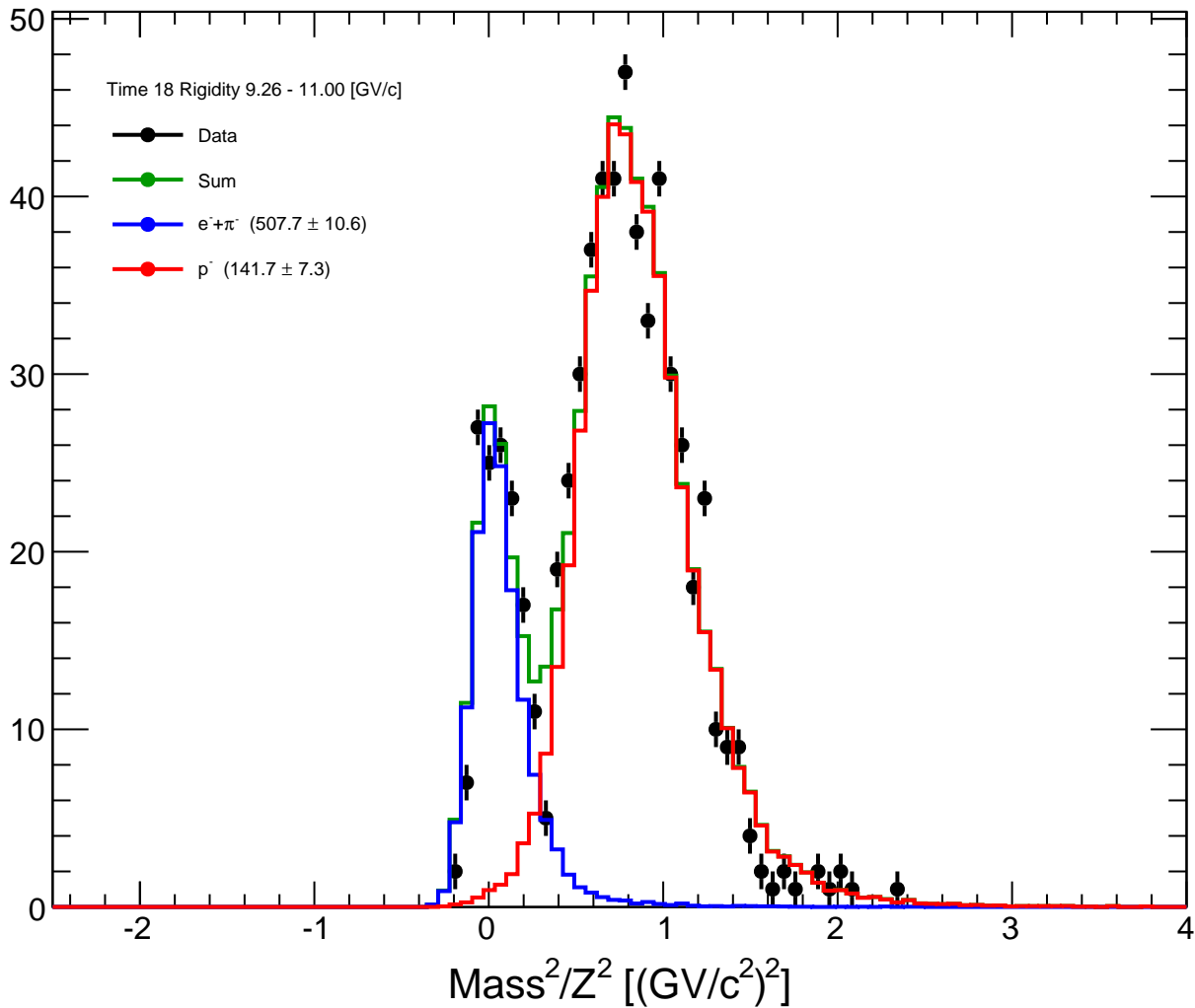


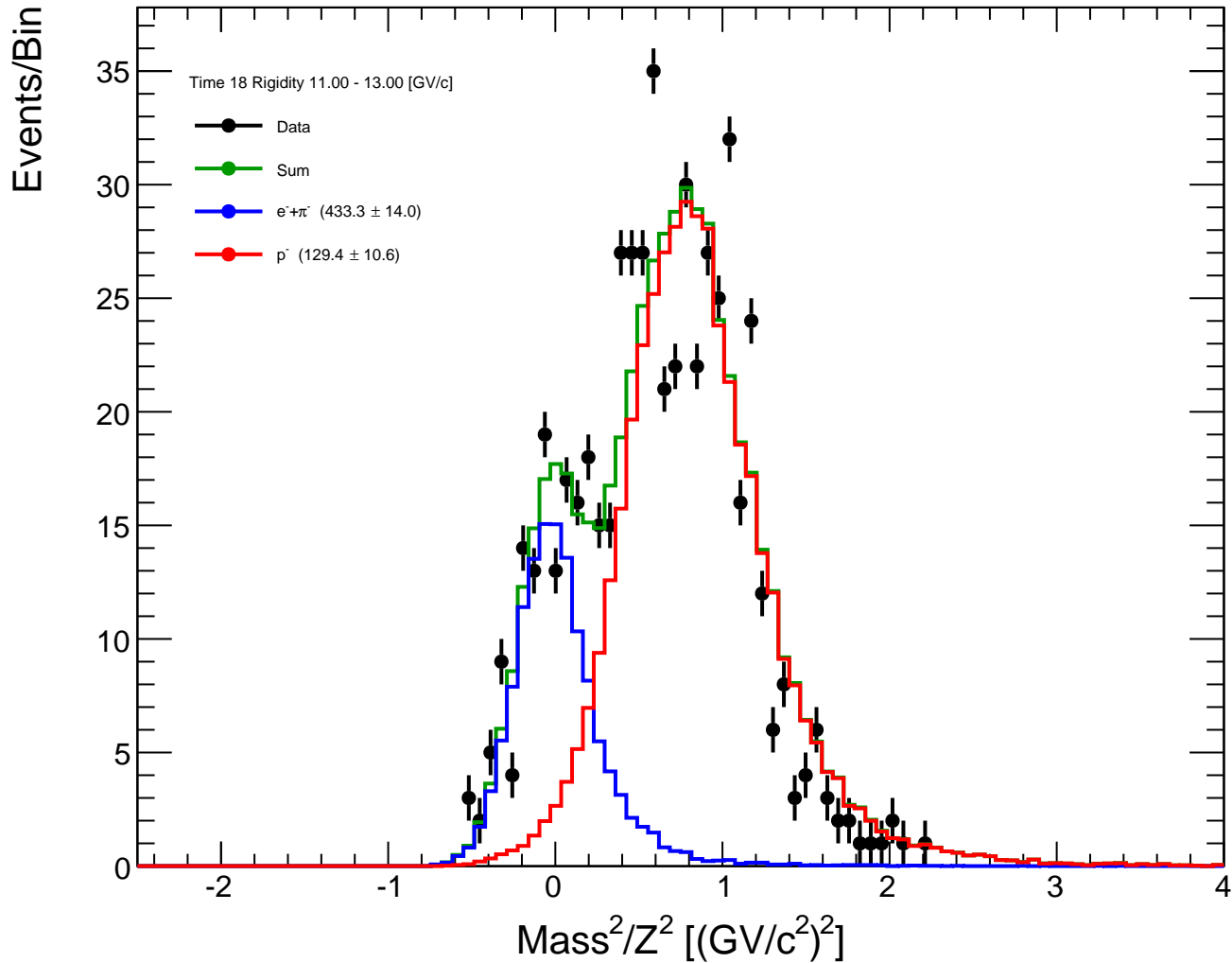




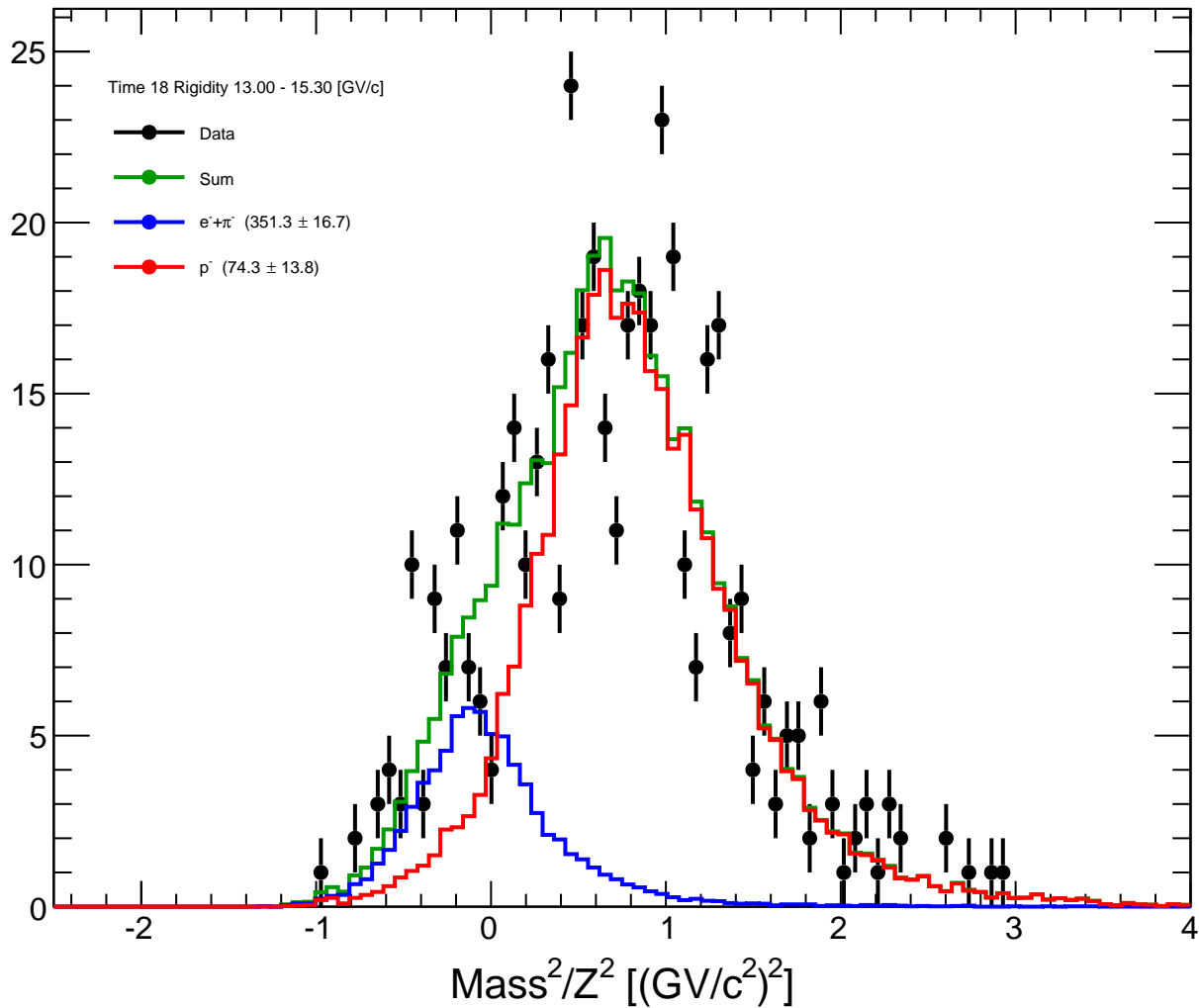


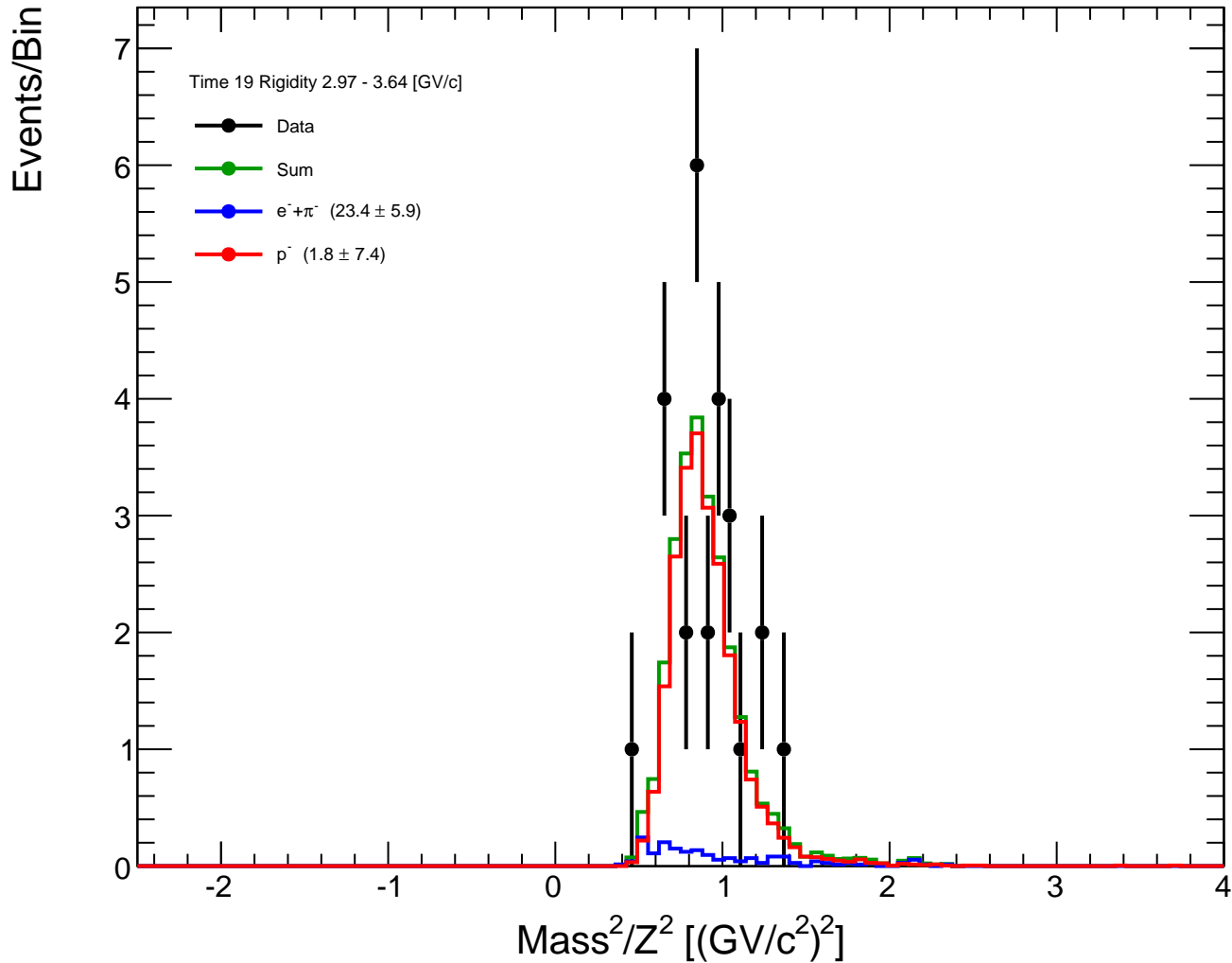
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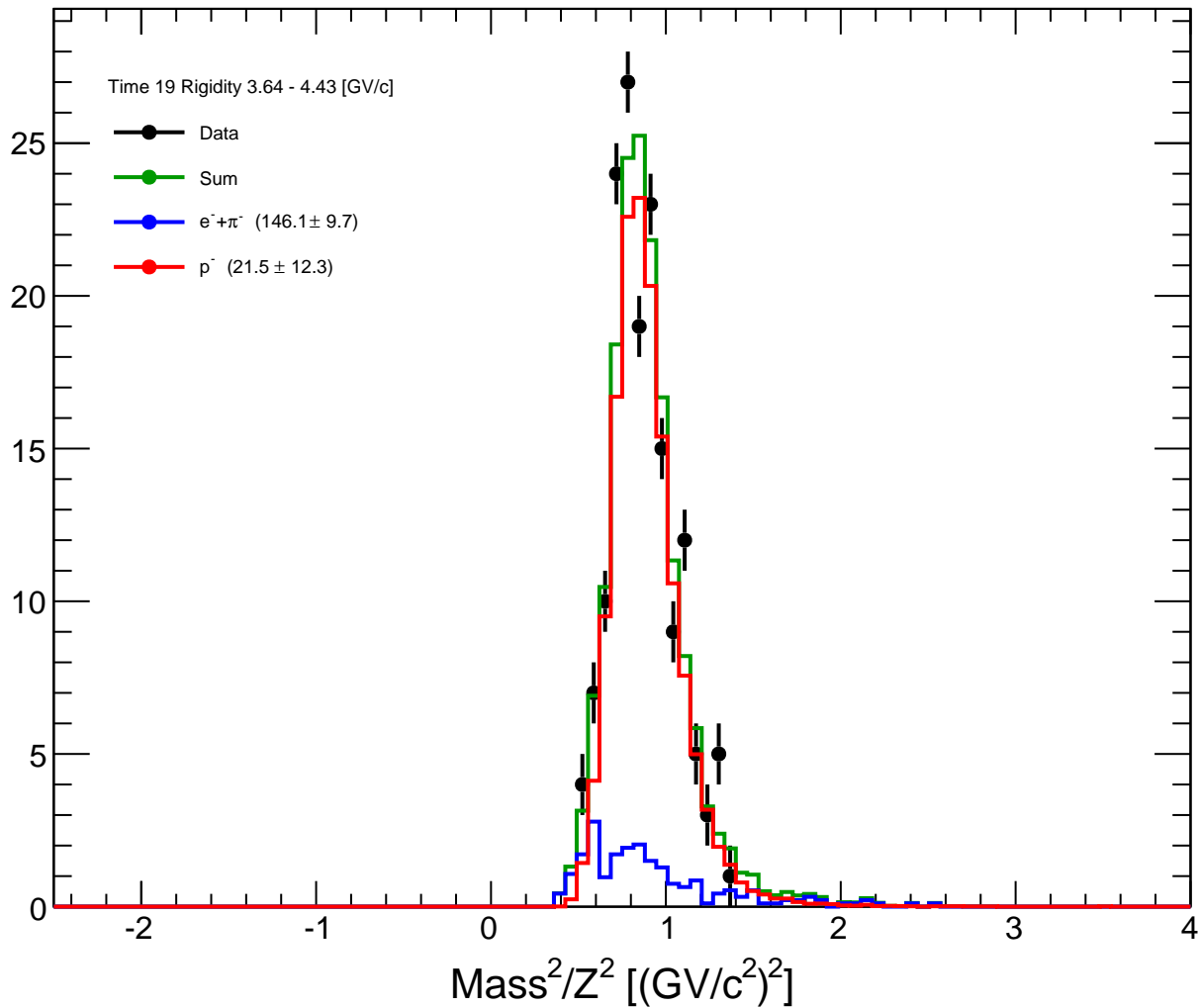


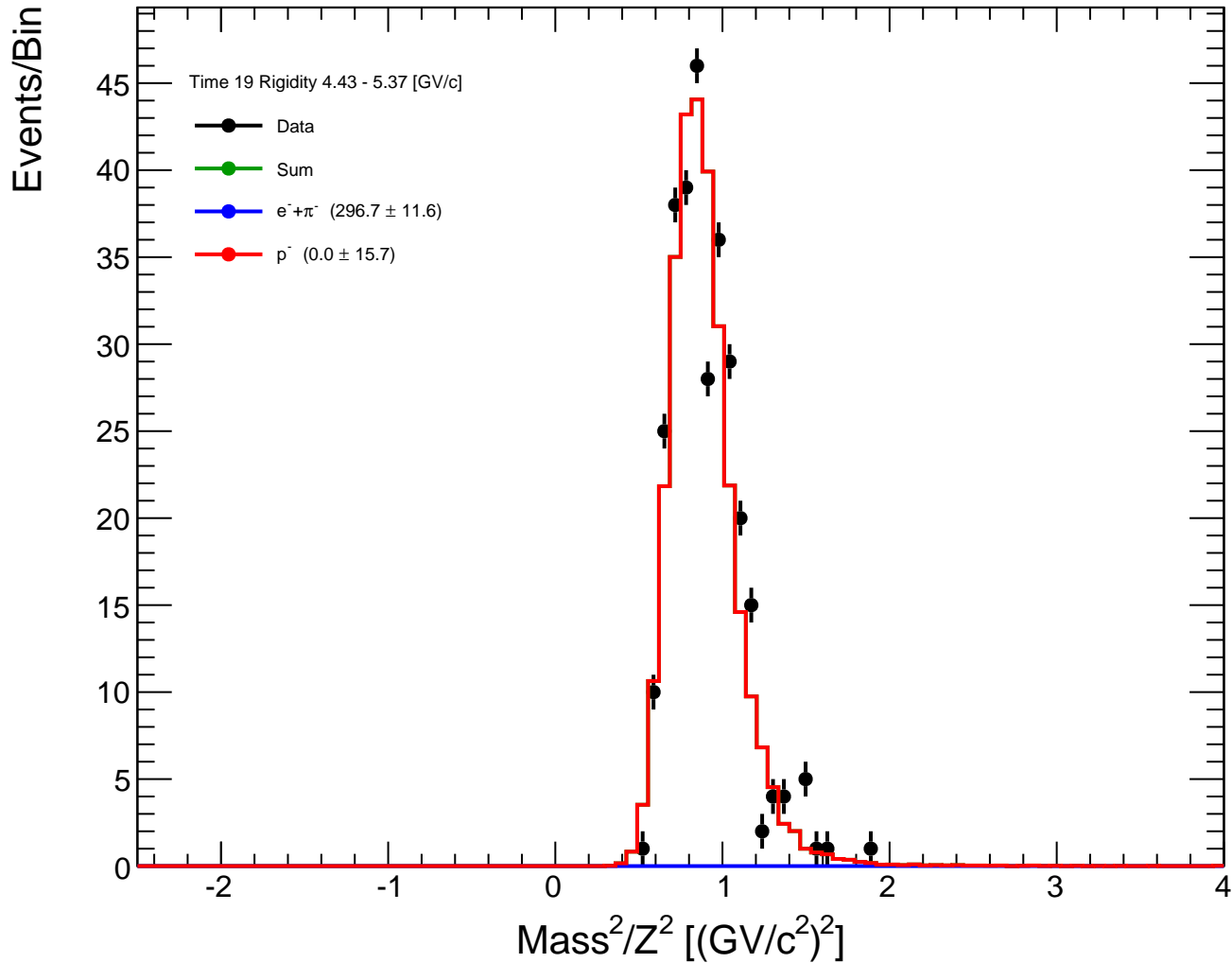
Events/Bin



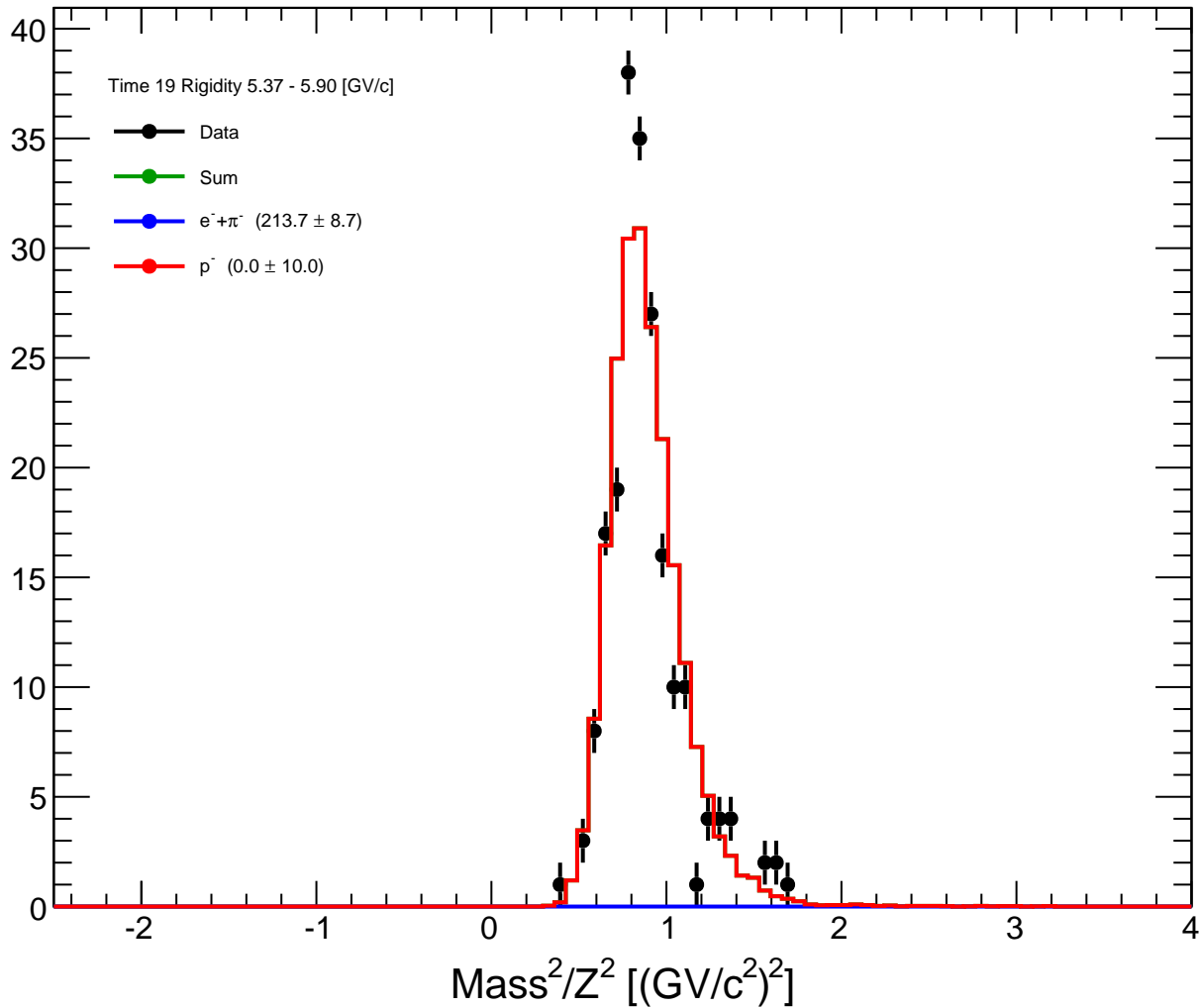


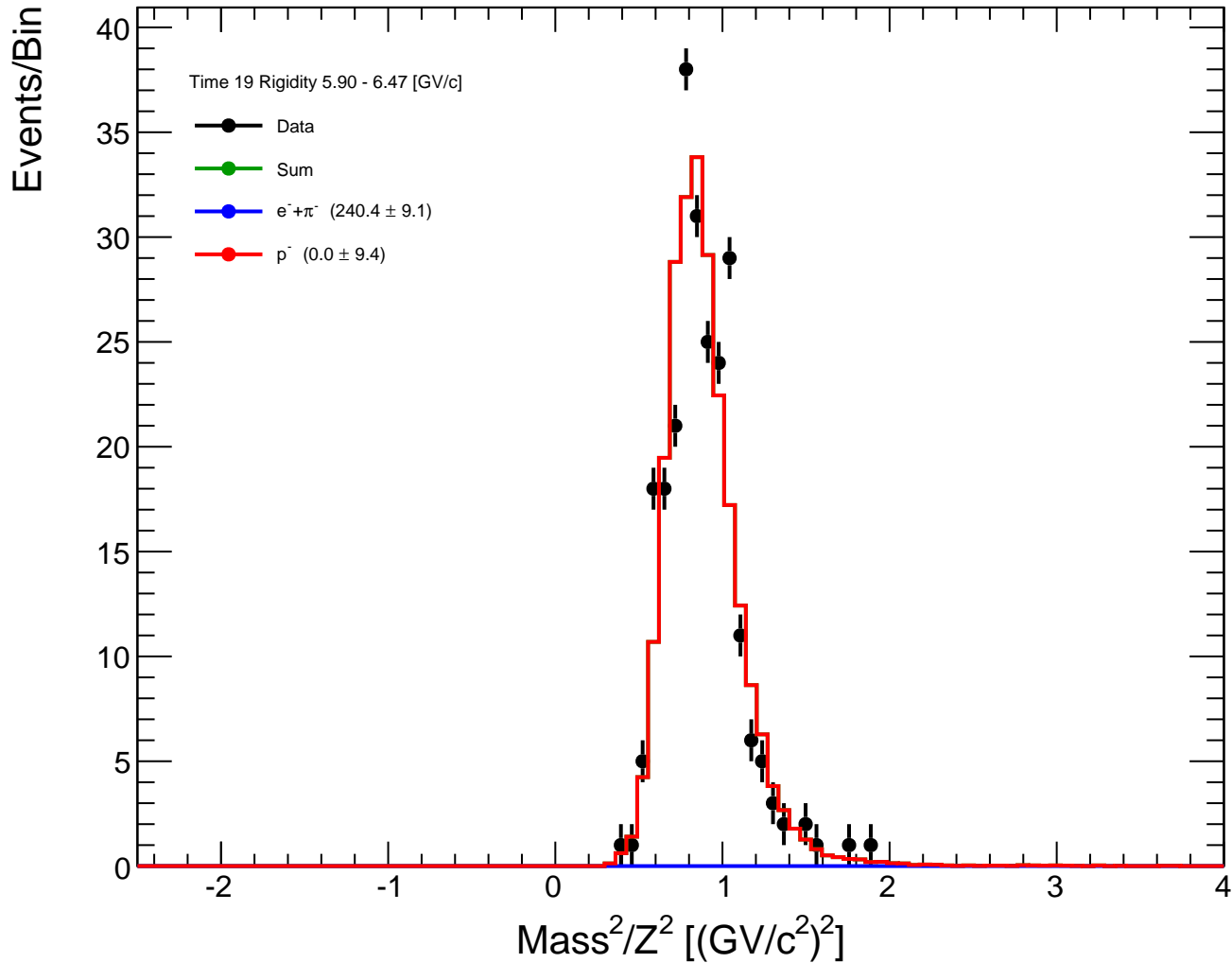
Events/Bin



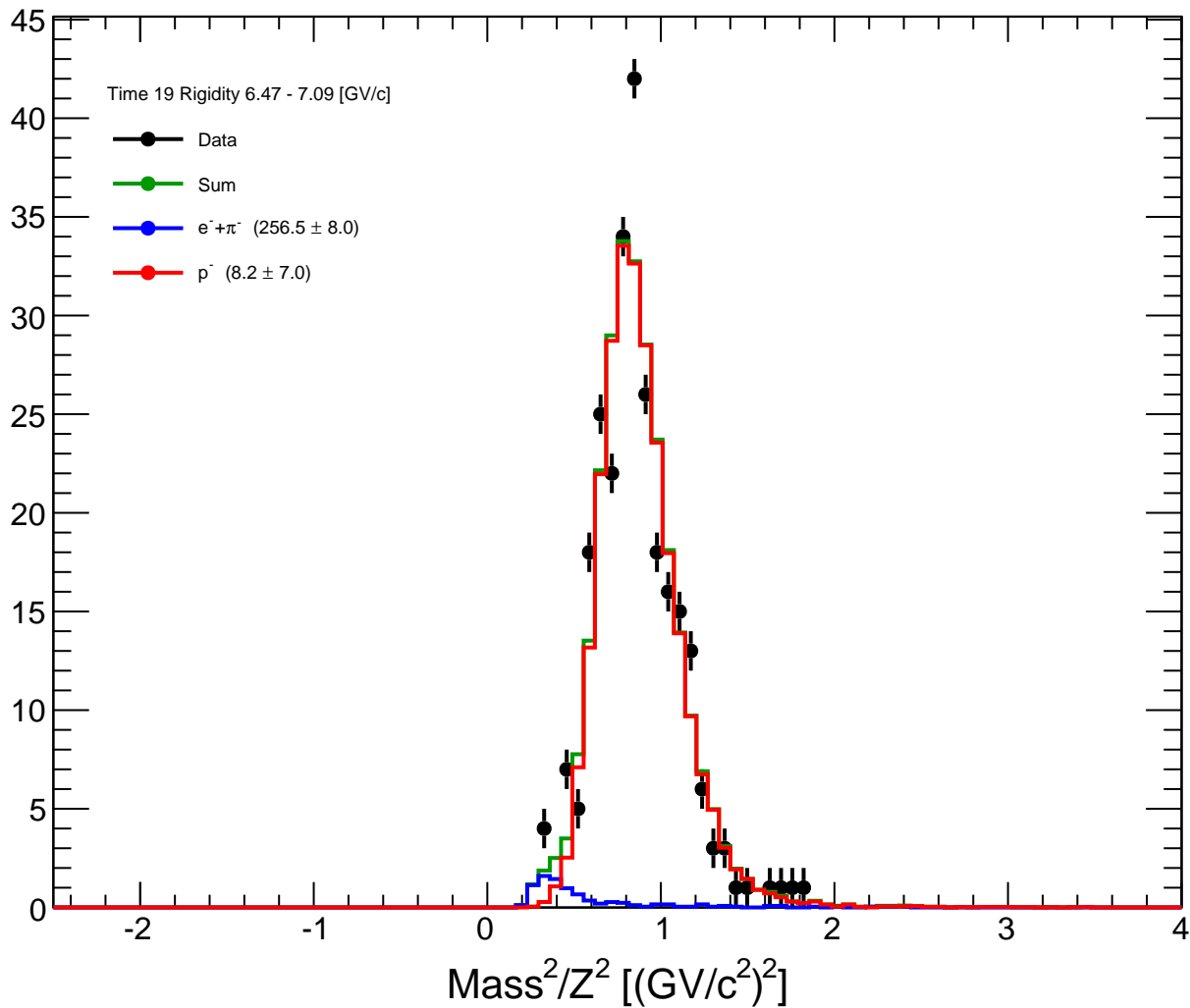


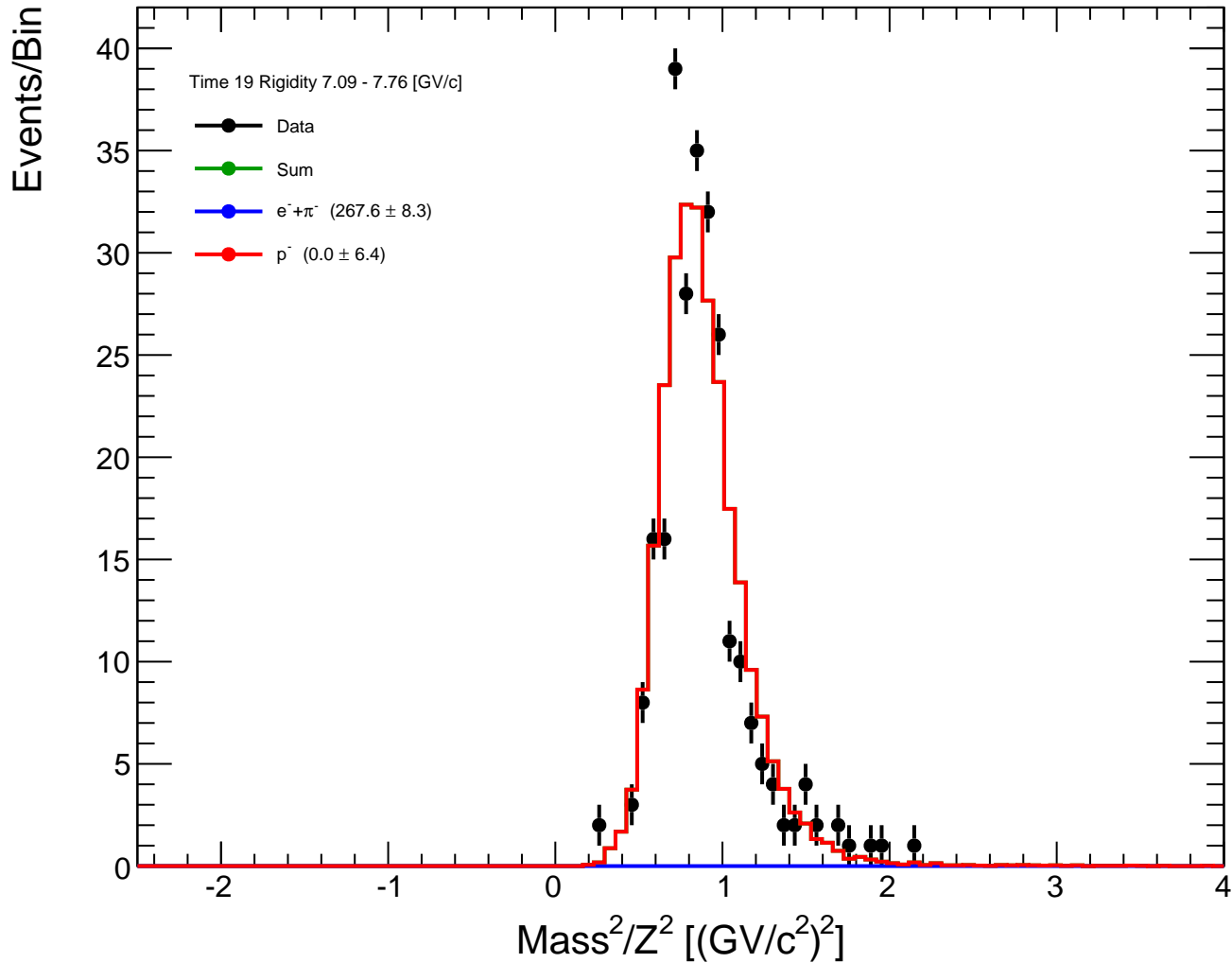
Events/Bin

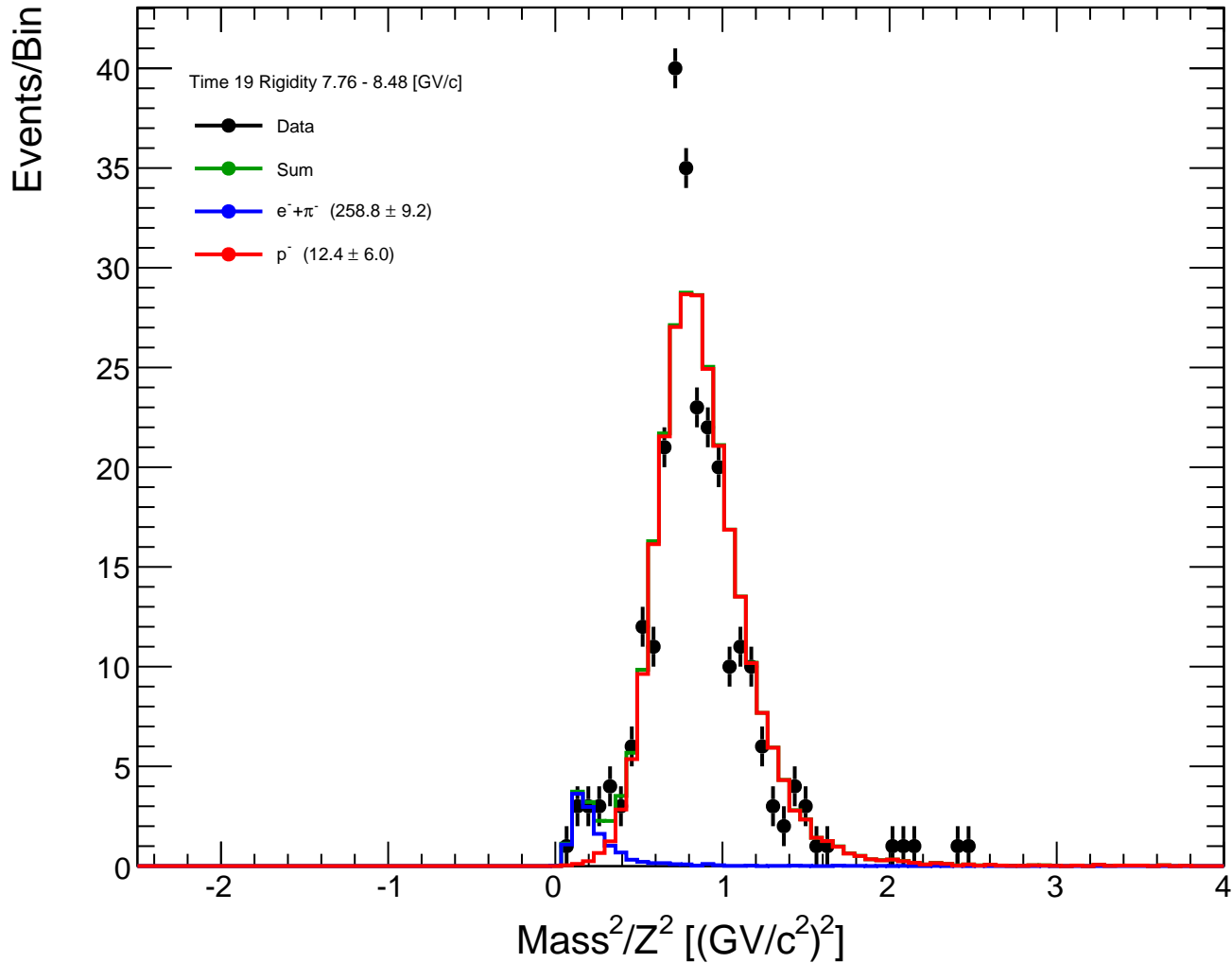


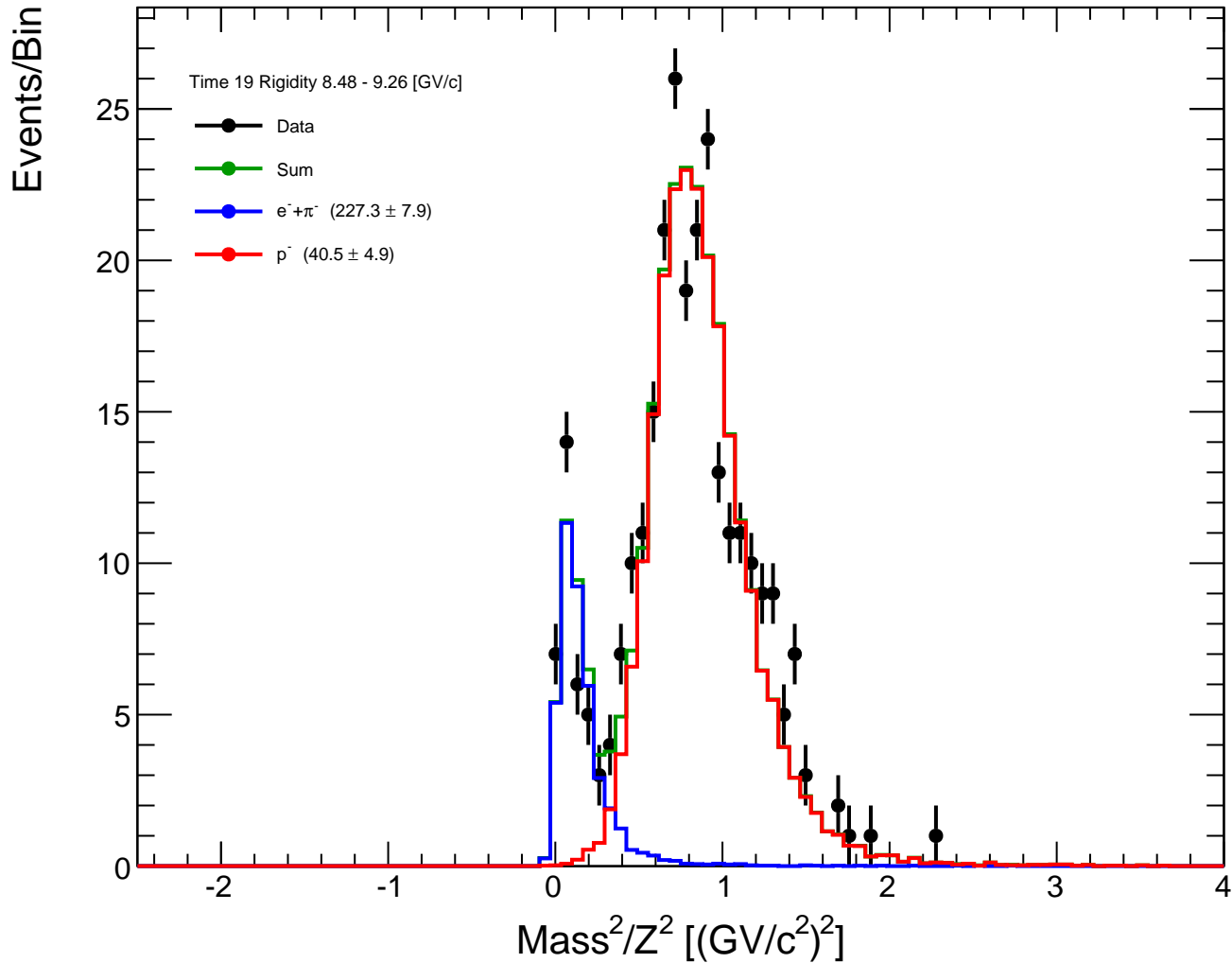


Events/Bin

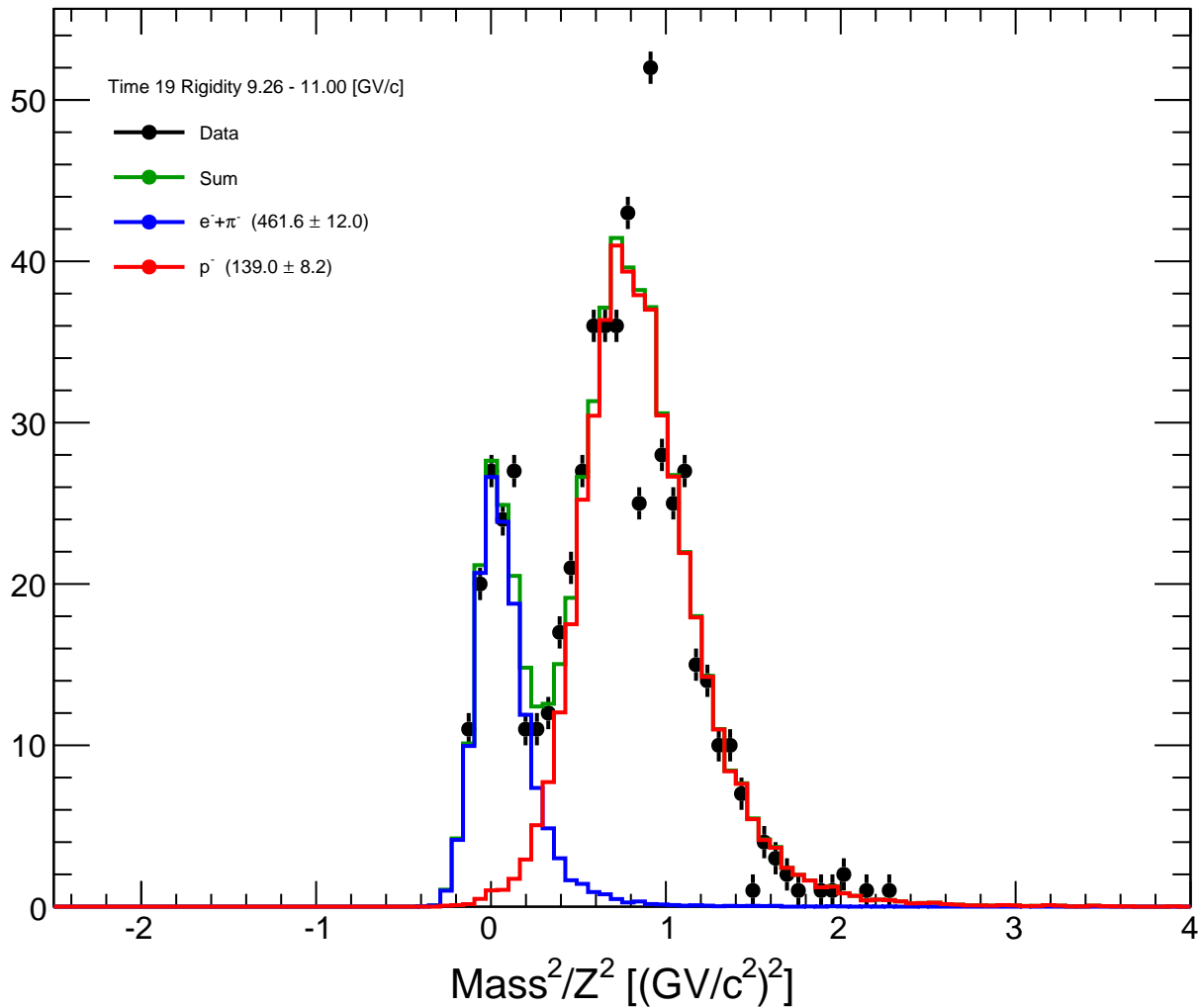




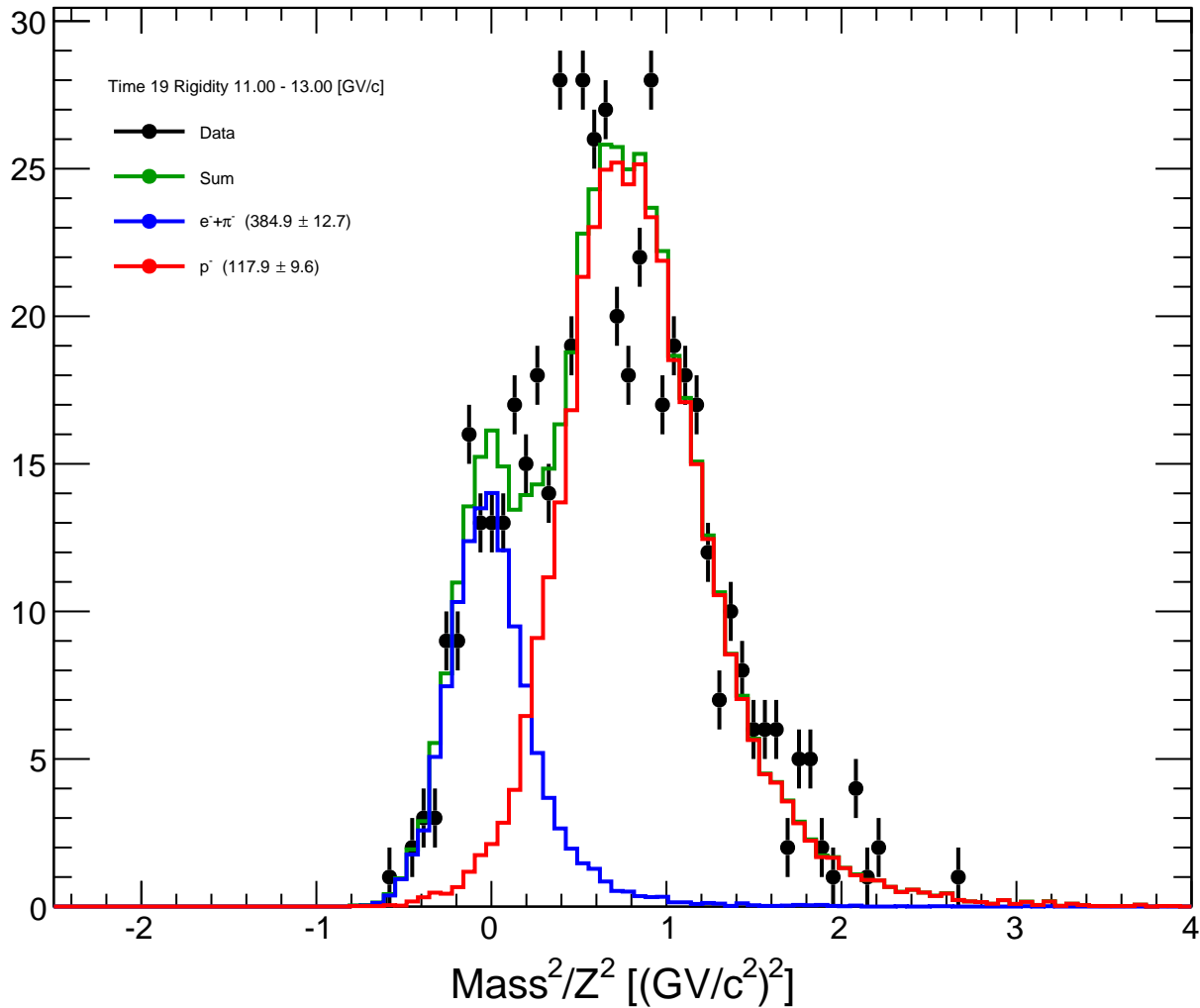


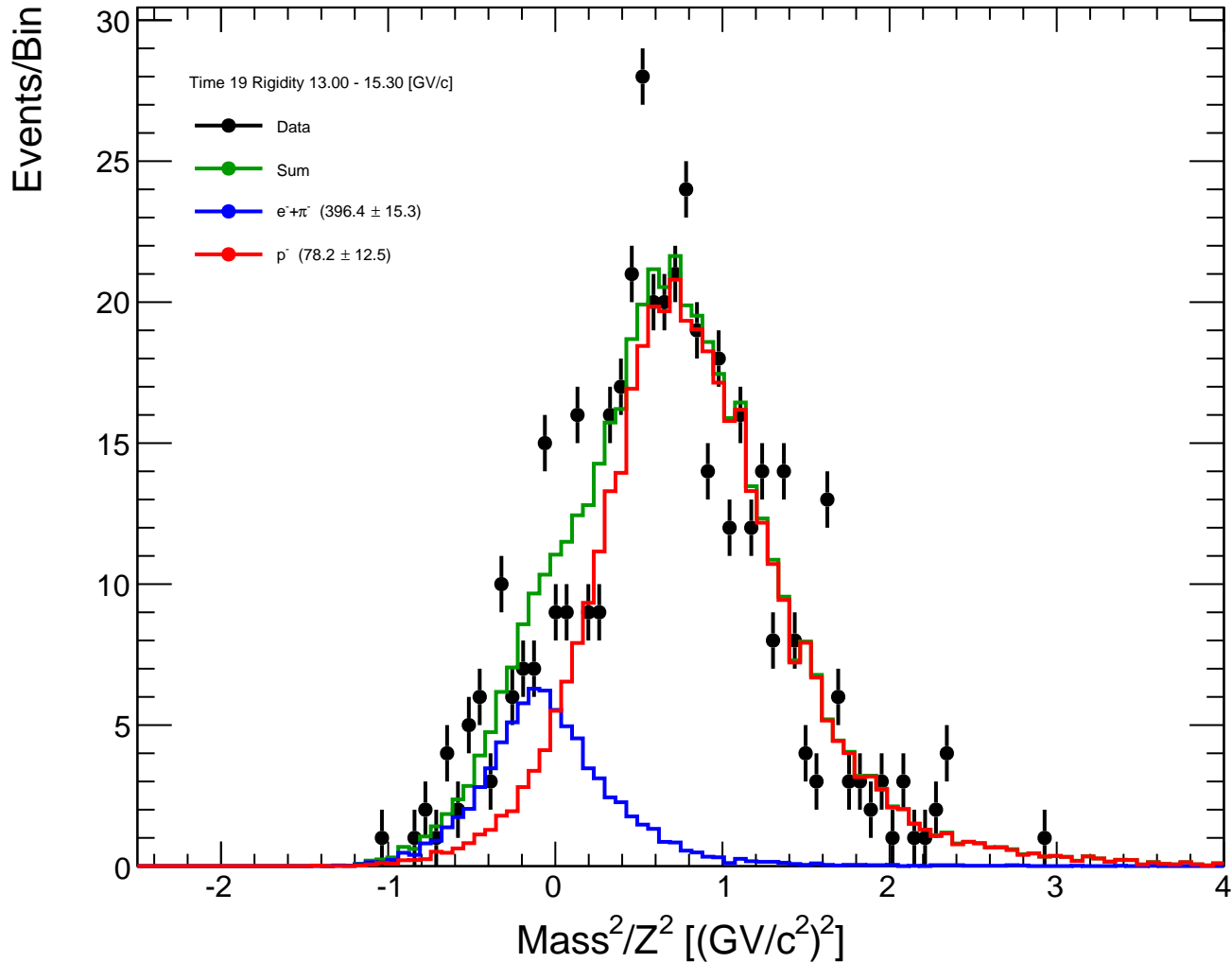


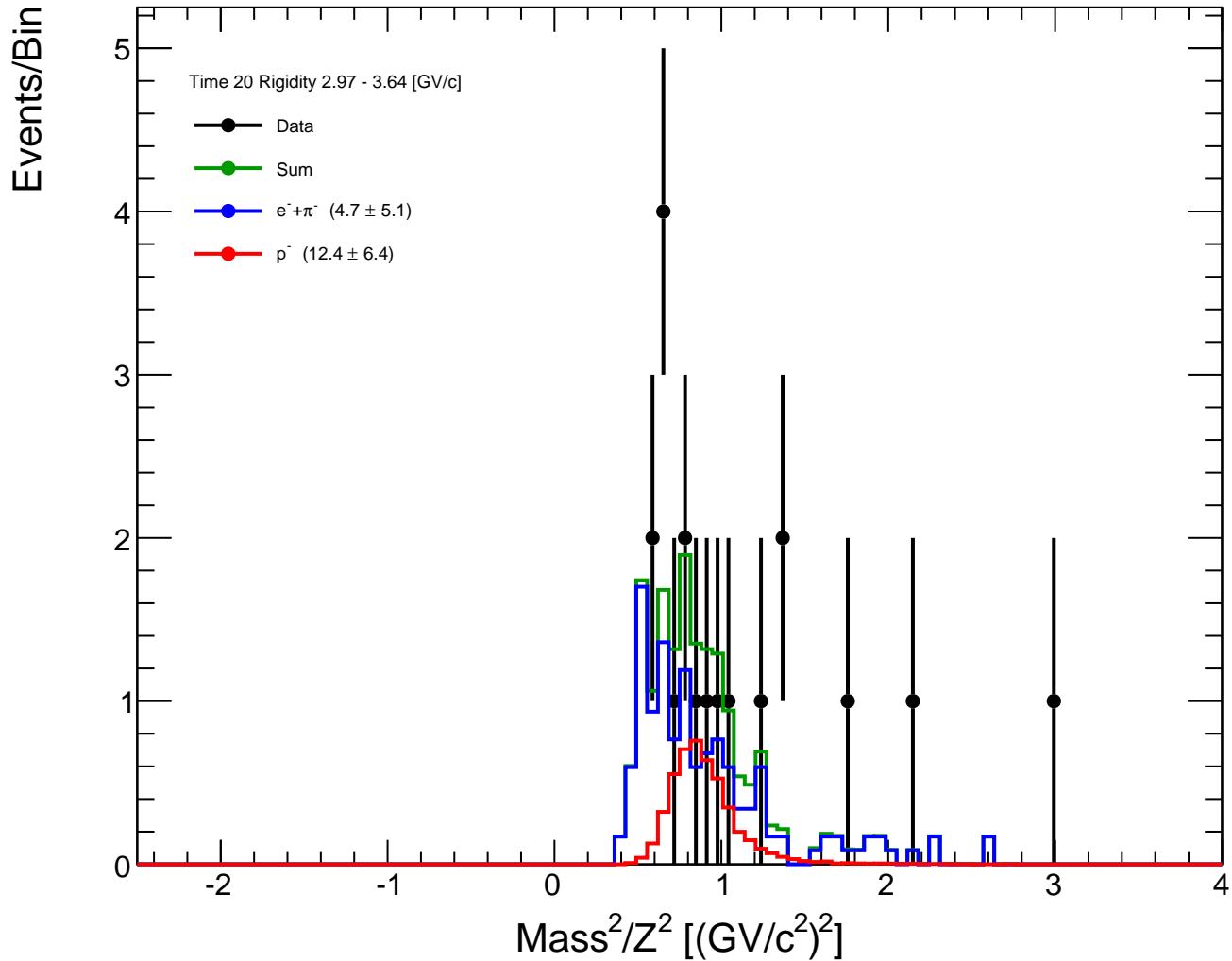
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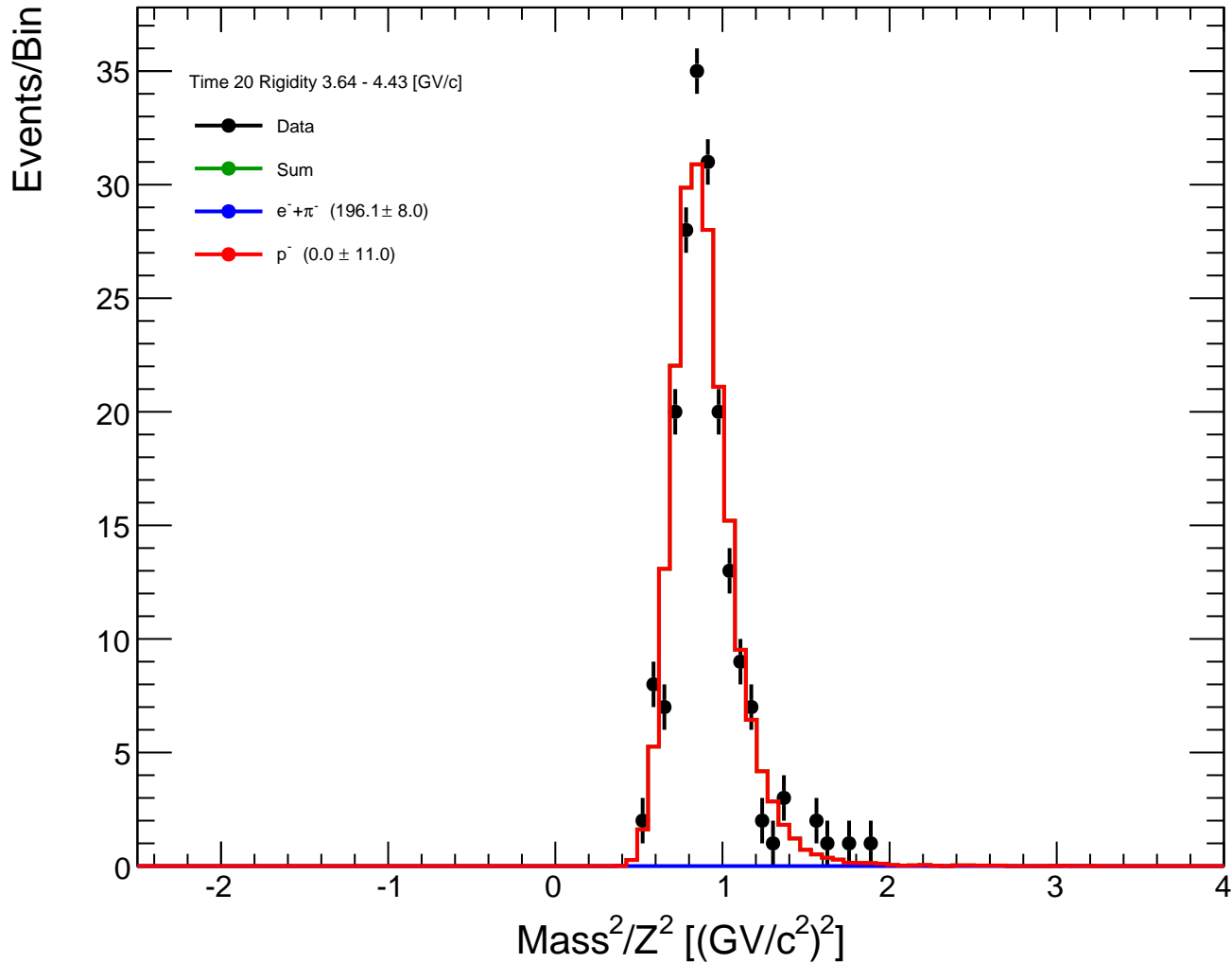


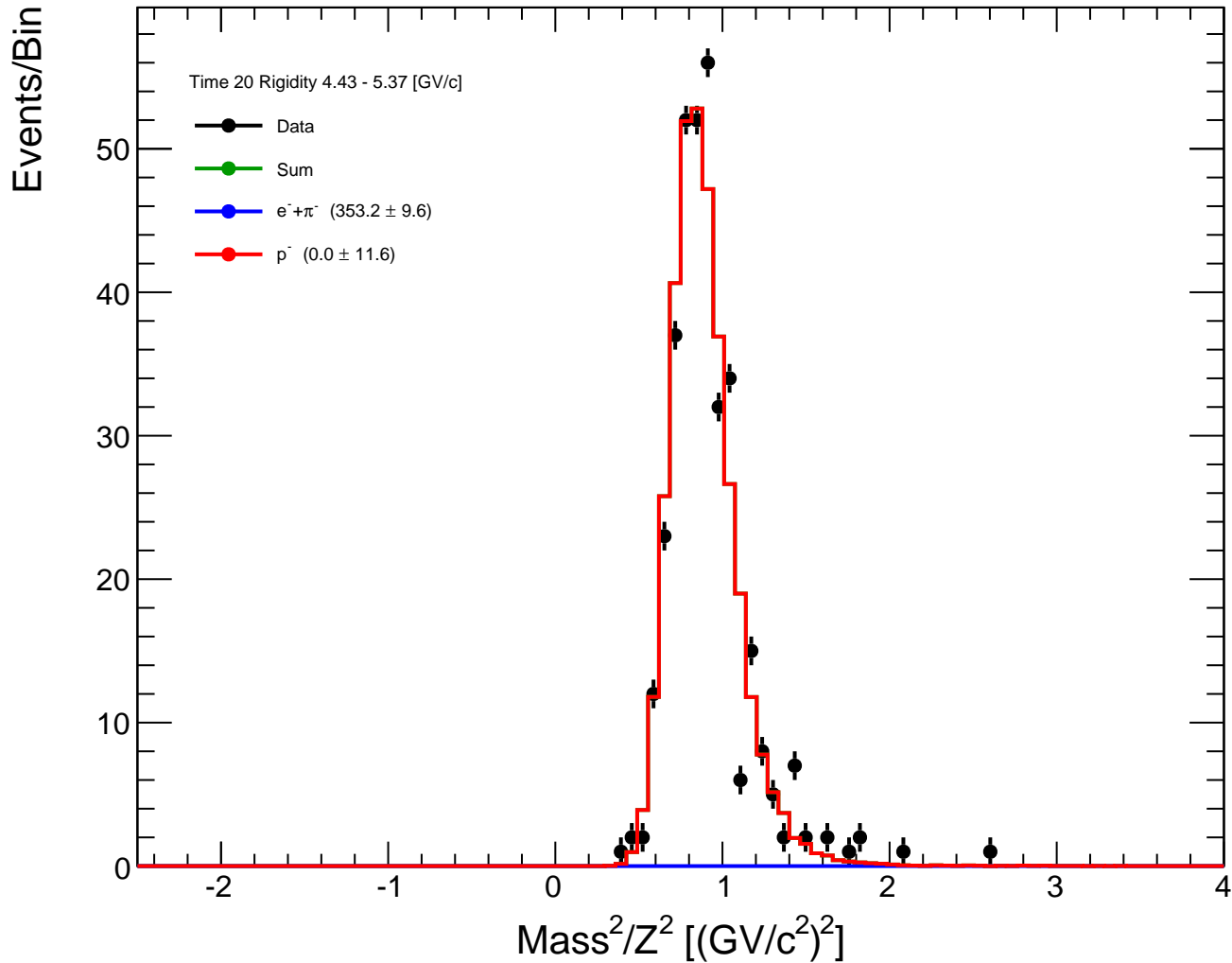
Events/Bin

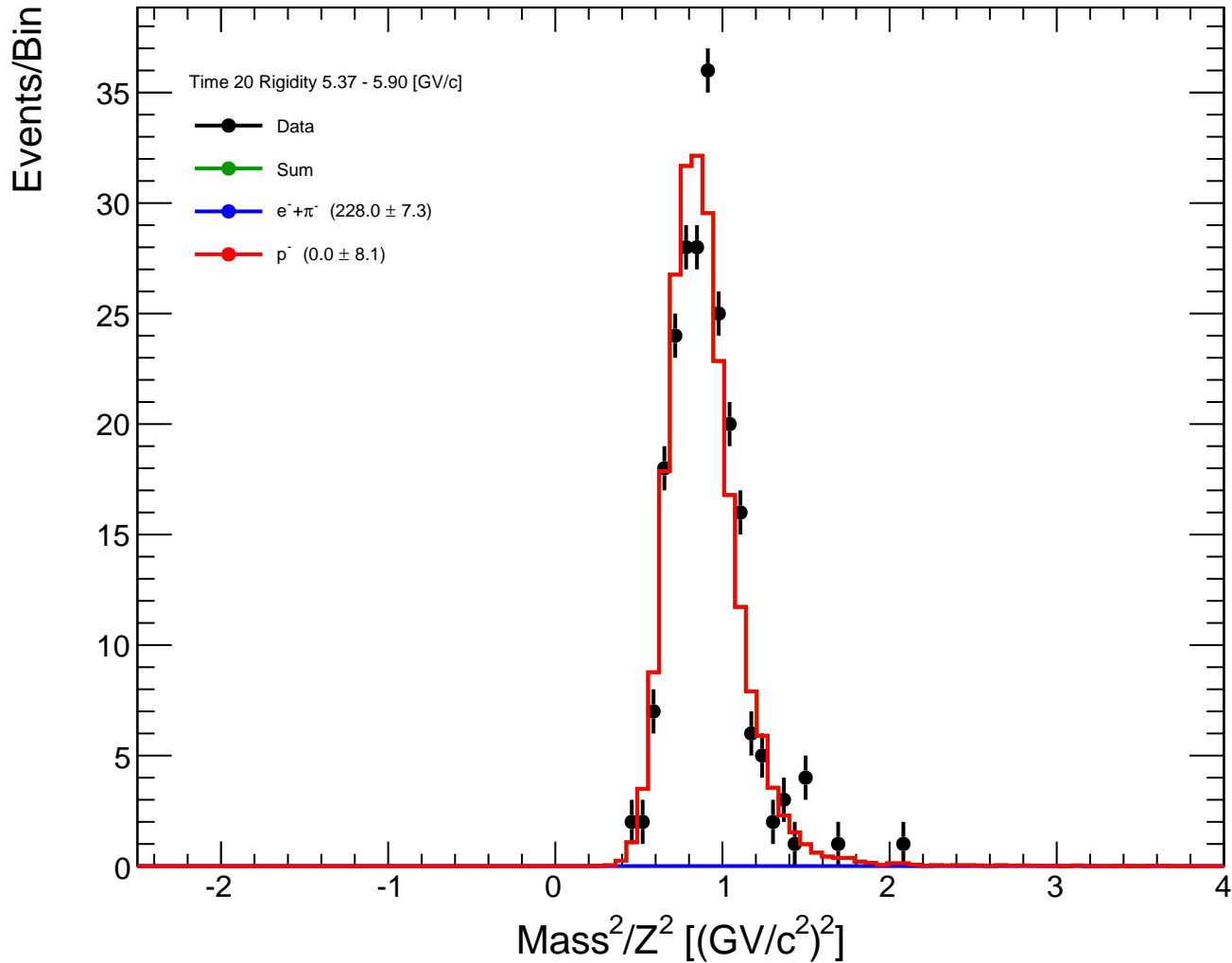


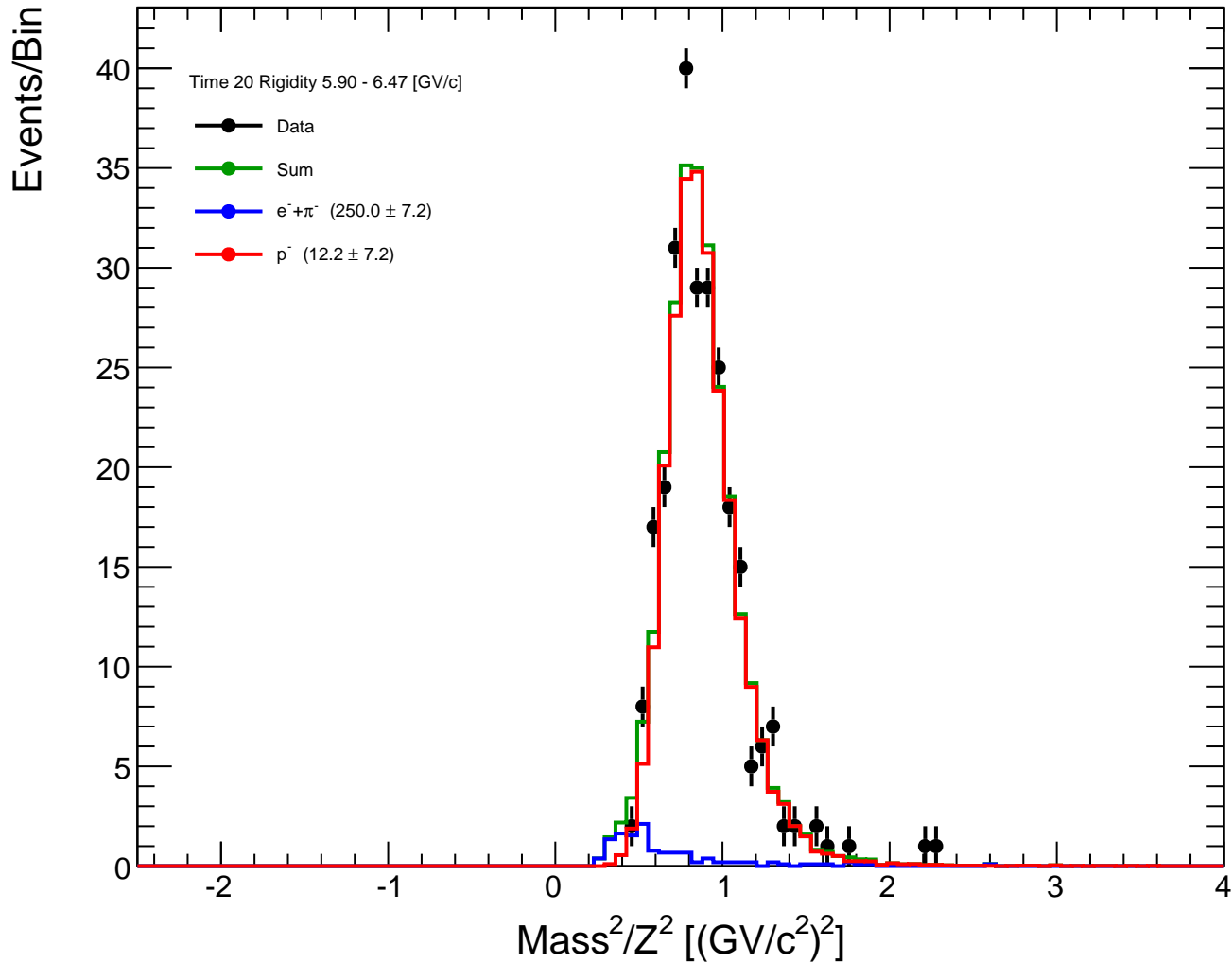


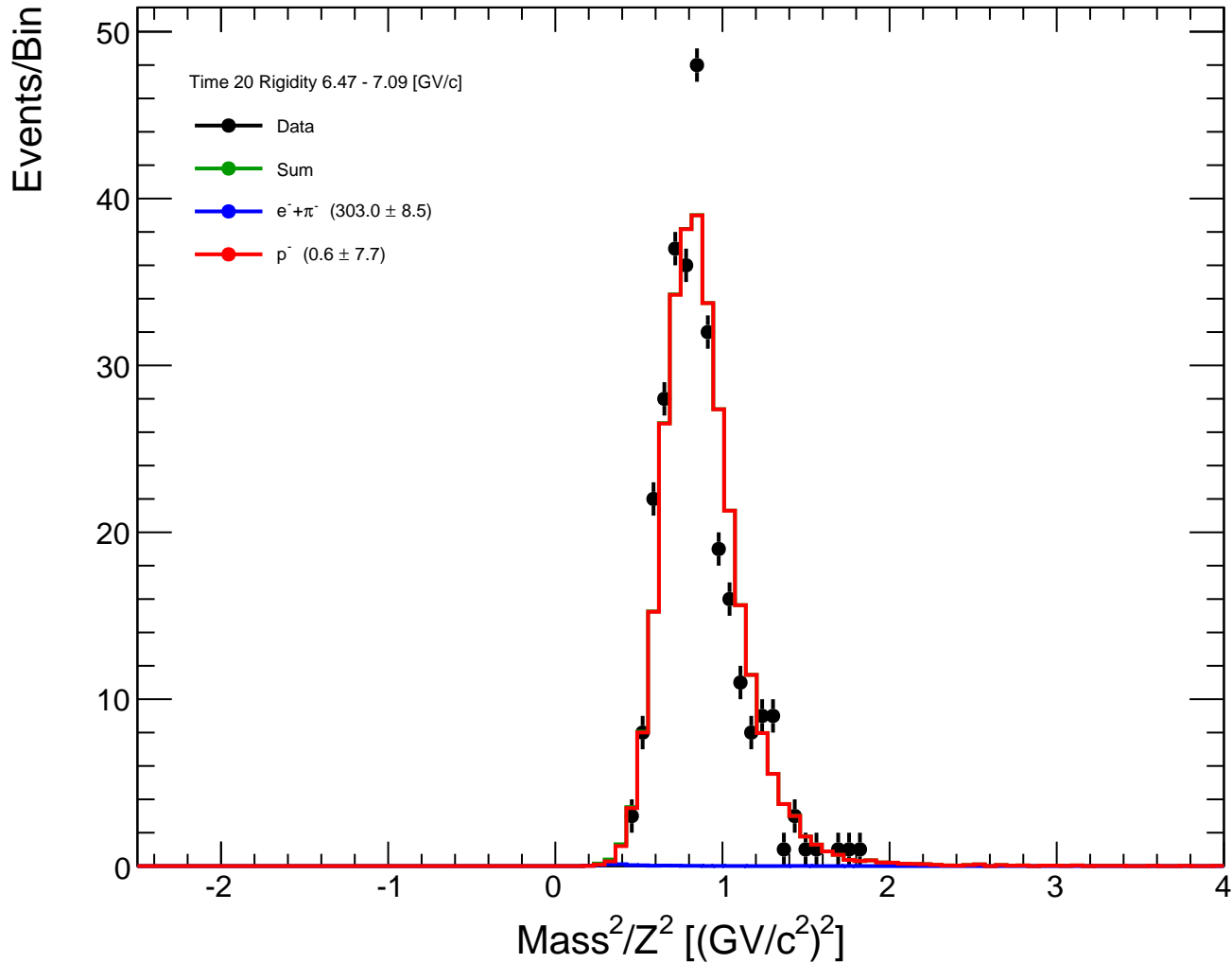


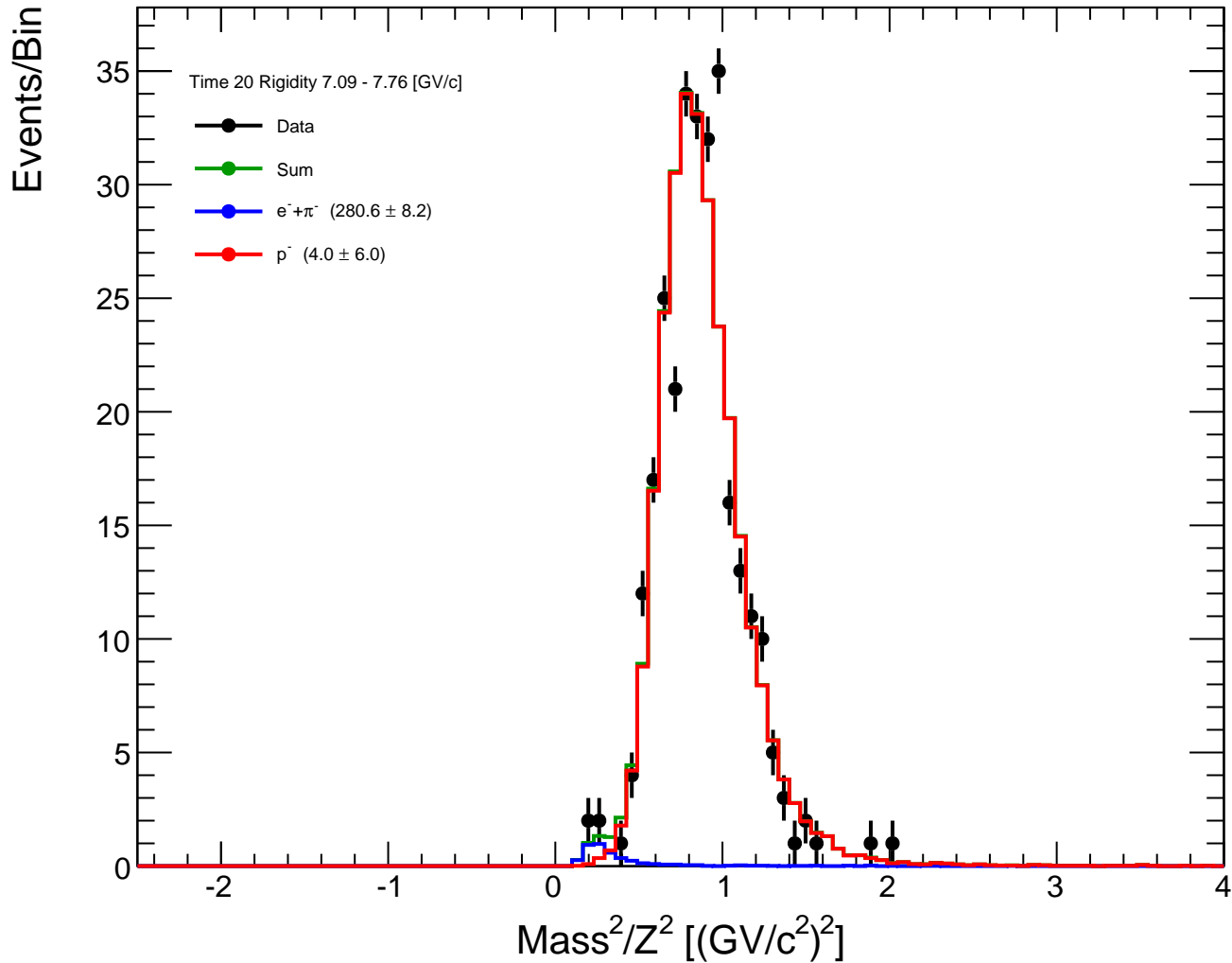


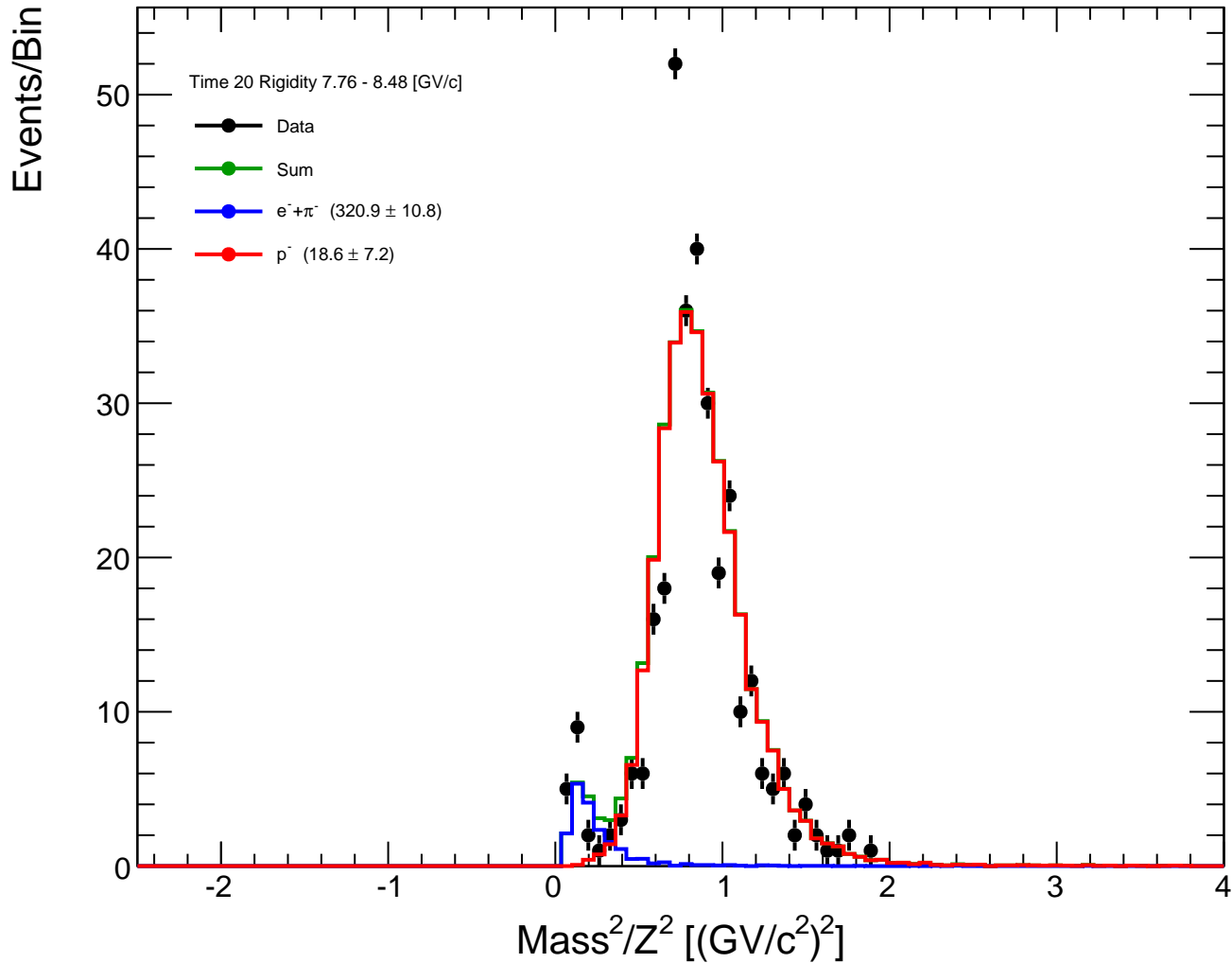


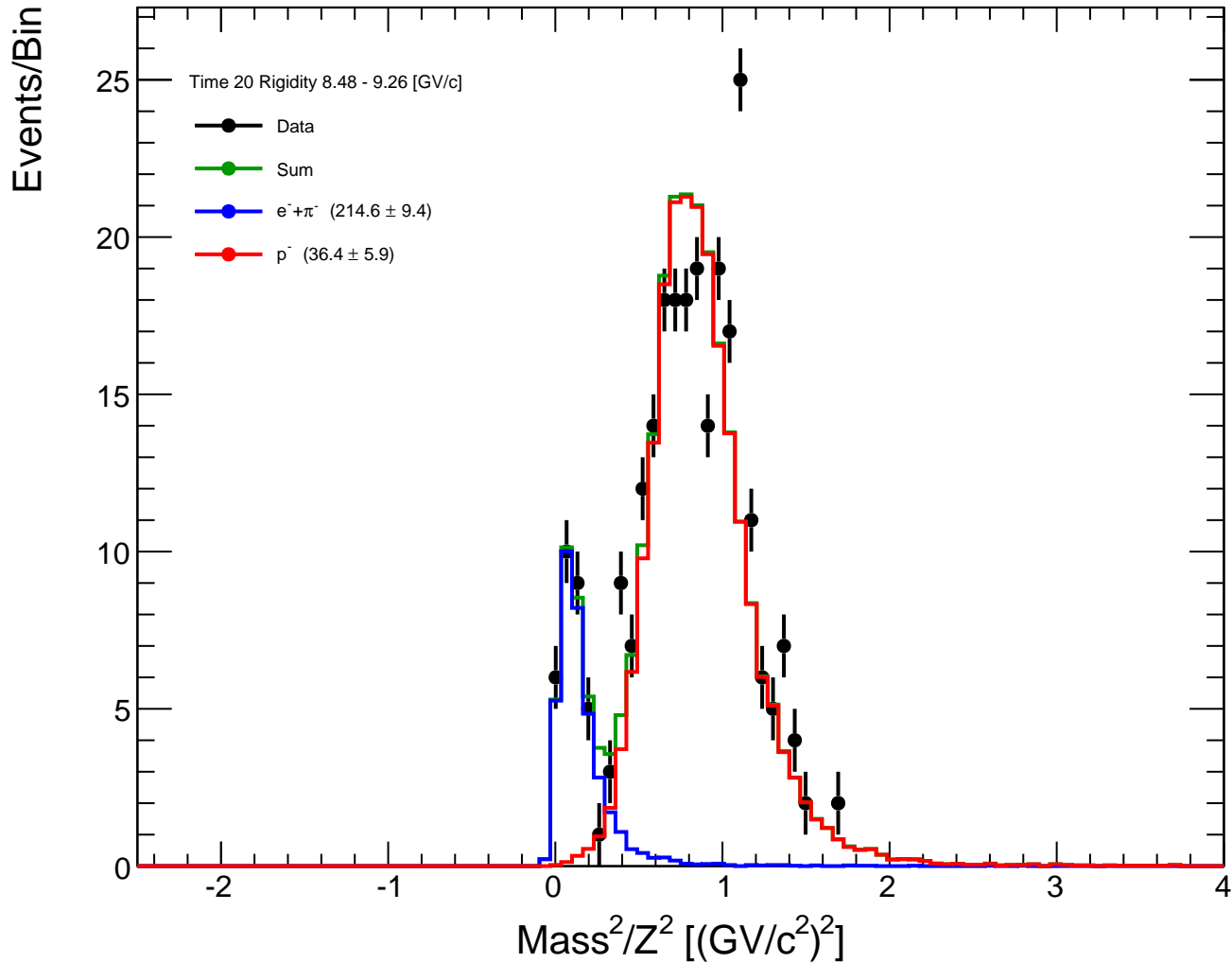












Events/Bin

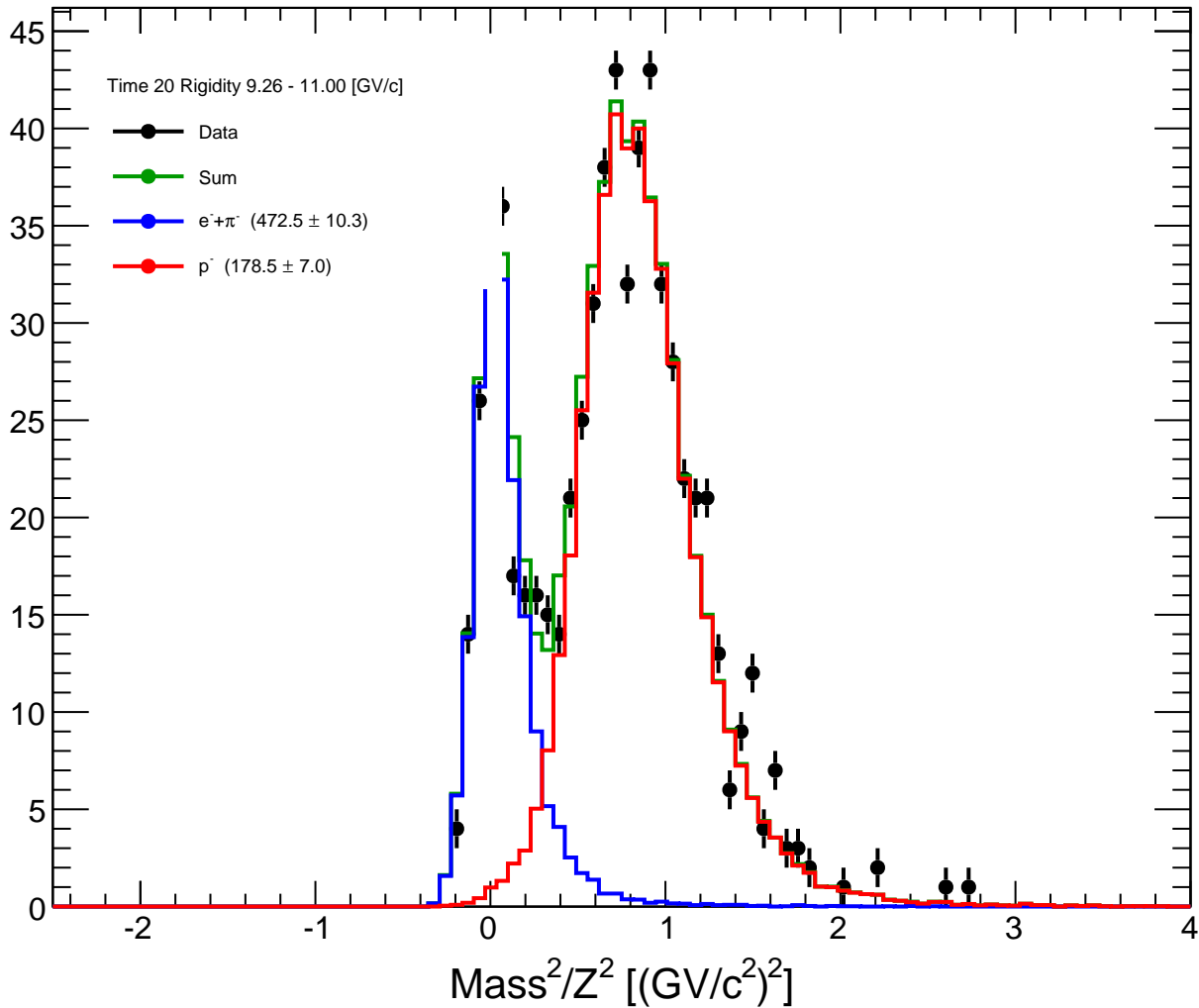
Time 20 Rigidity 9.26 - 11.00 [GV/c]

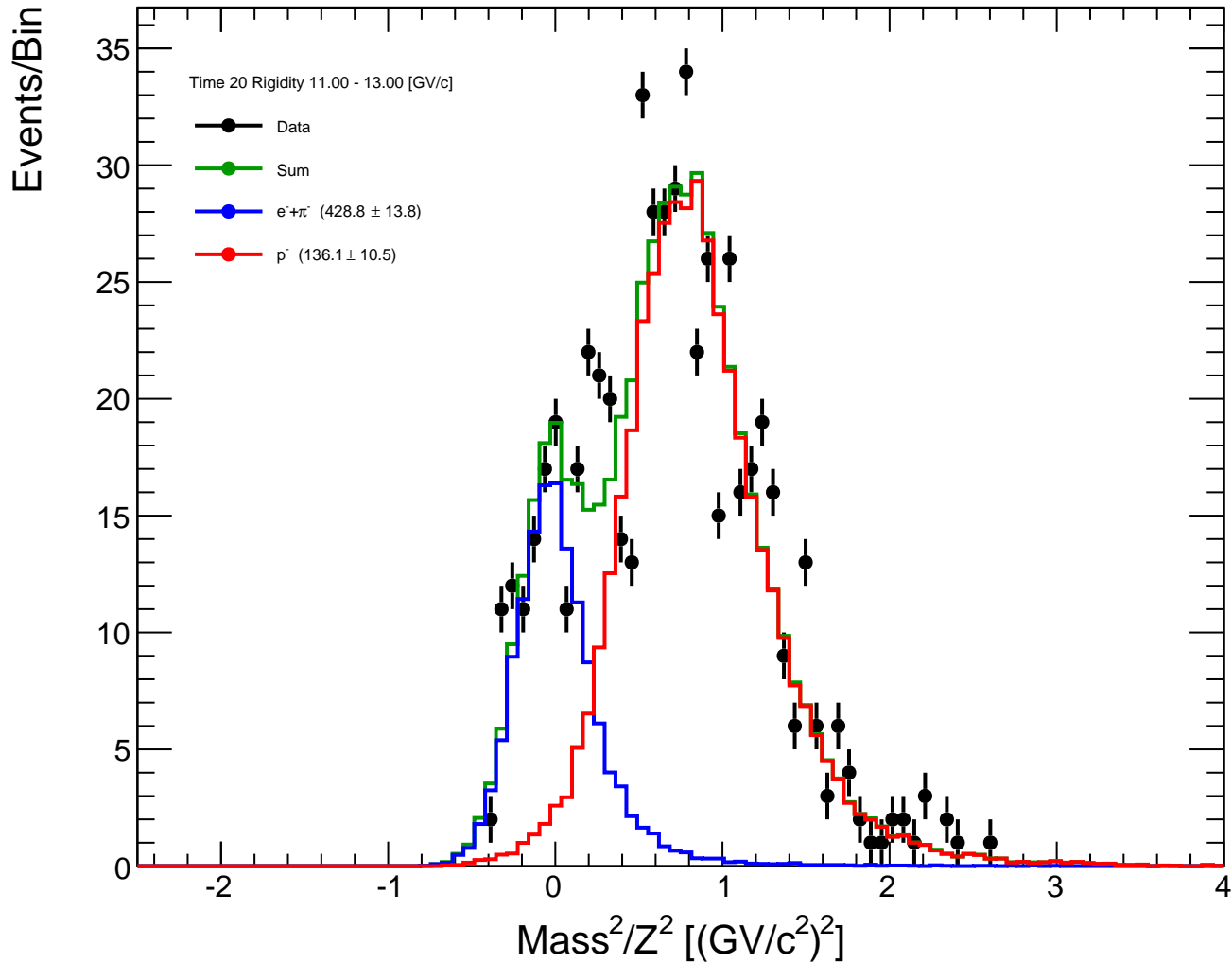
● Data

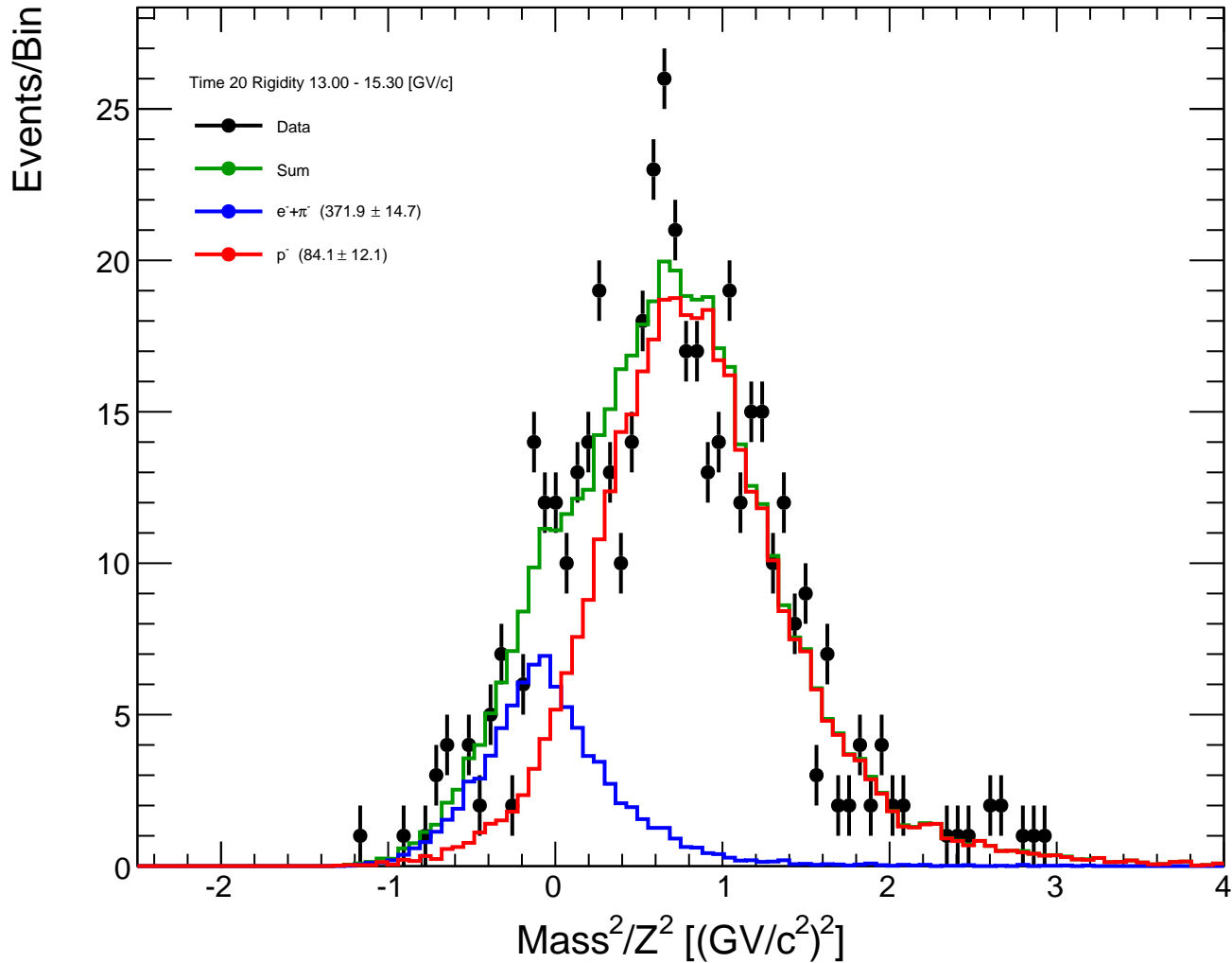
● Sum

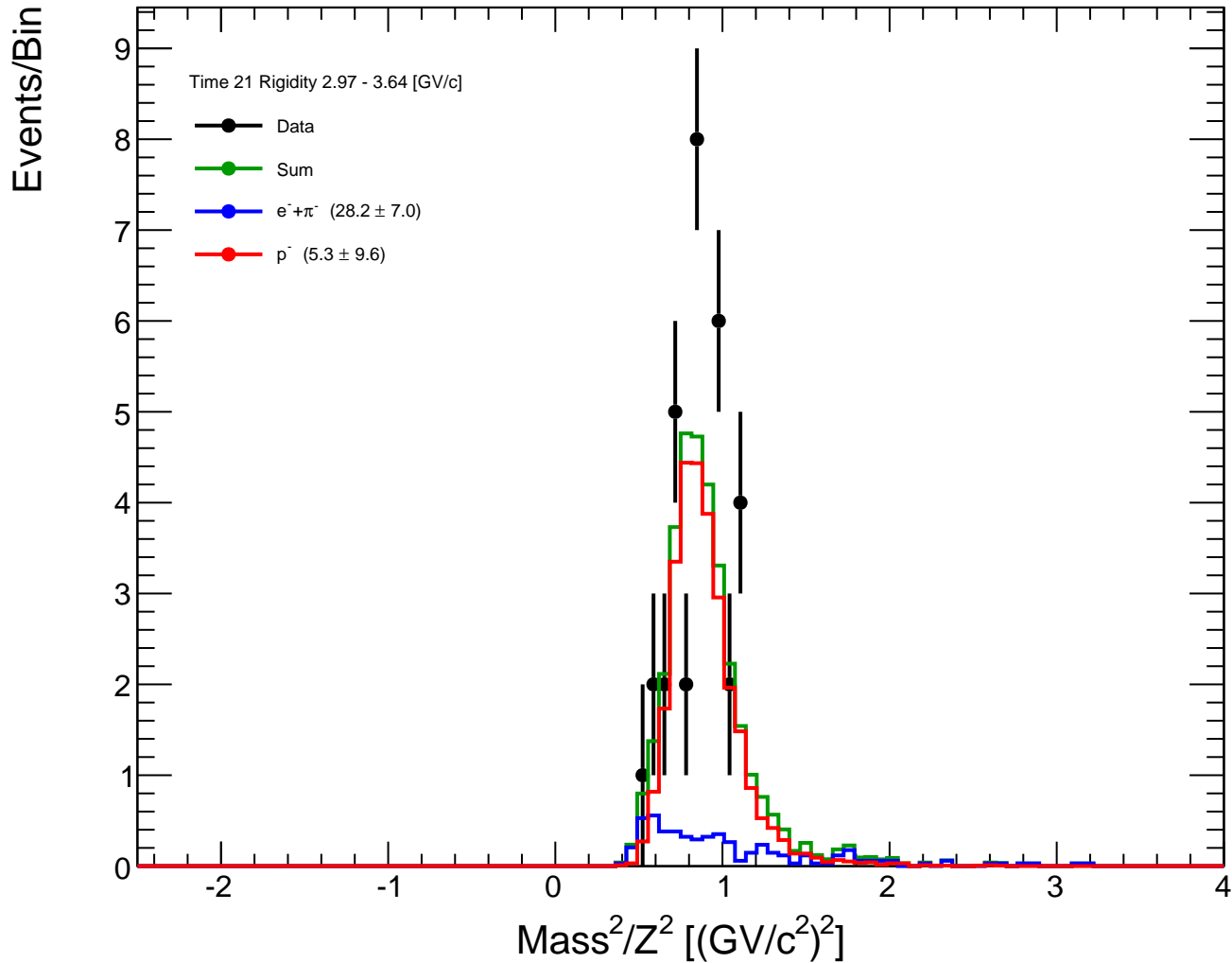
● $e^+\pi^-$ (472.5 ± 10.3)

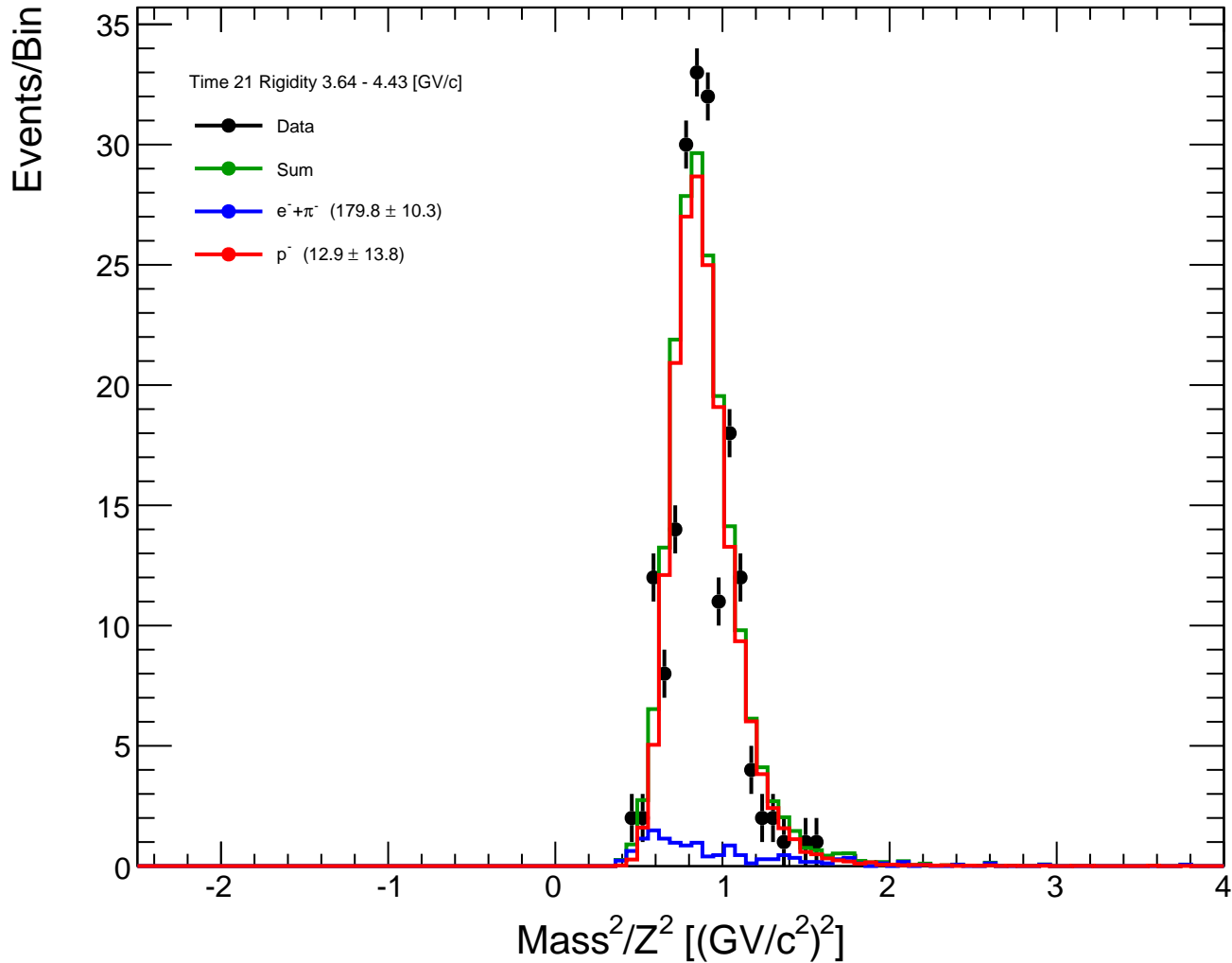
● p^- (178.5 ± 7.0)

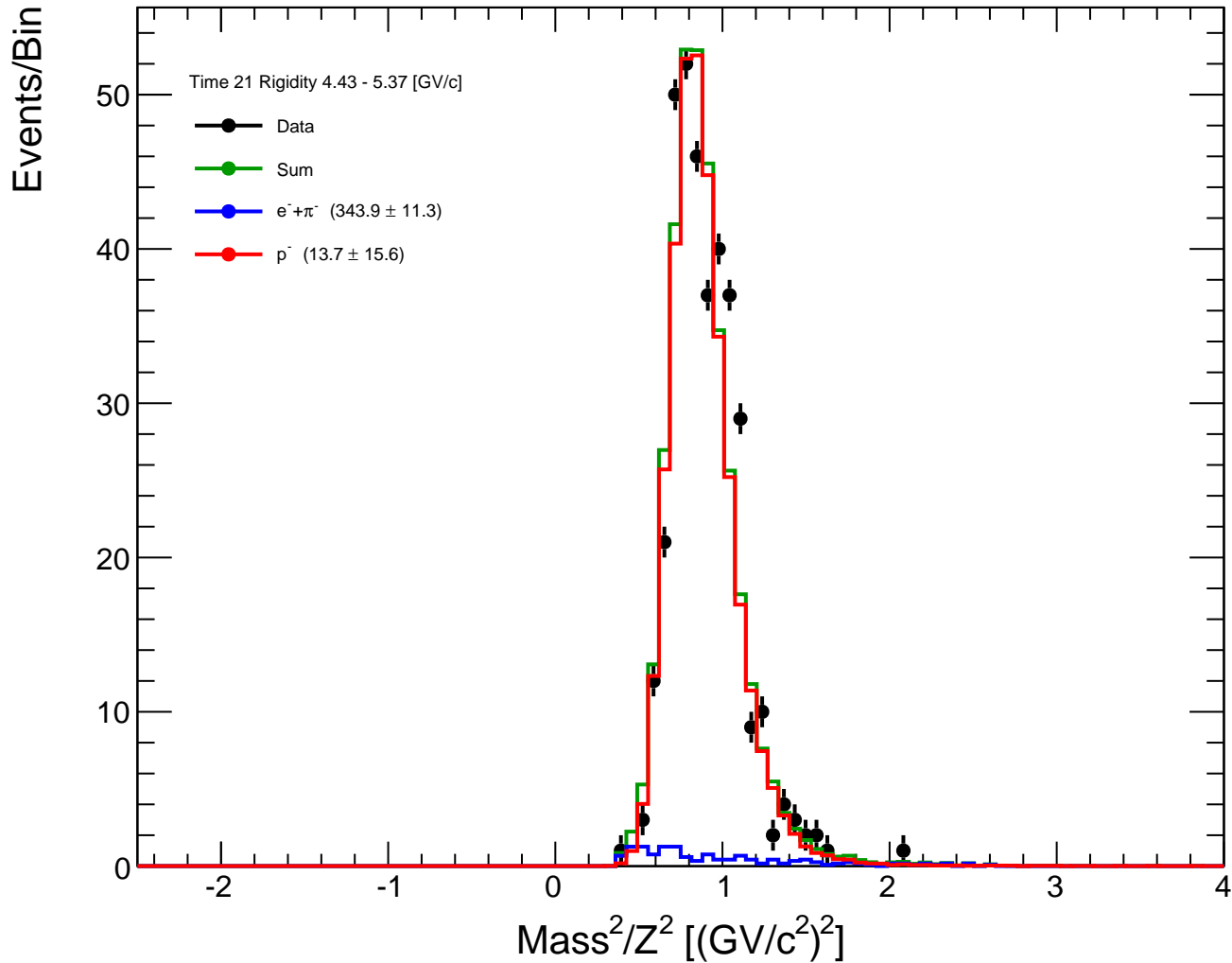


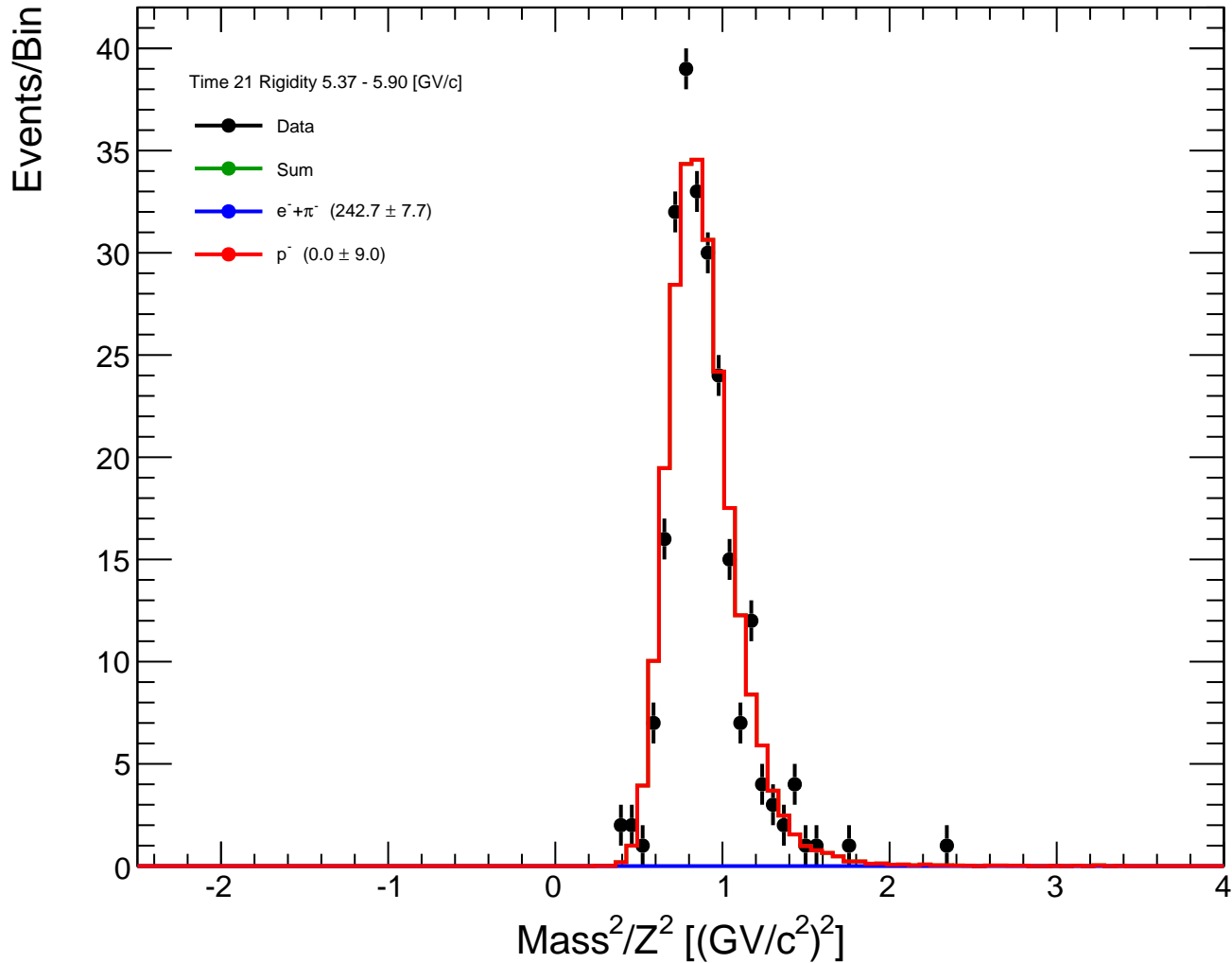


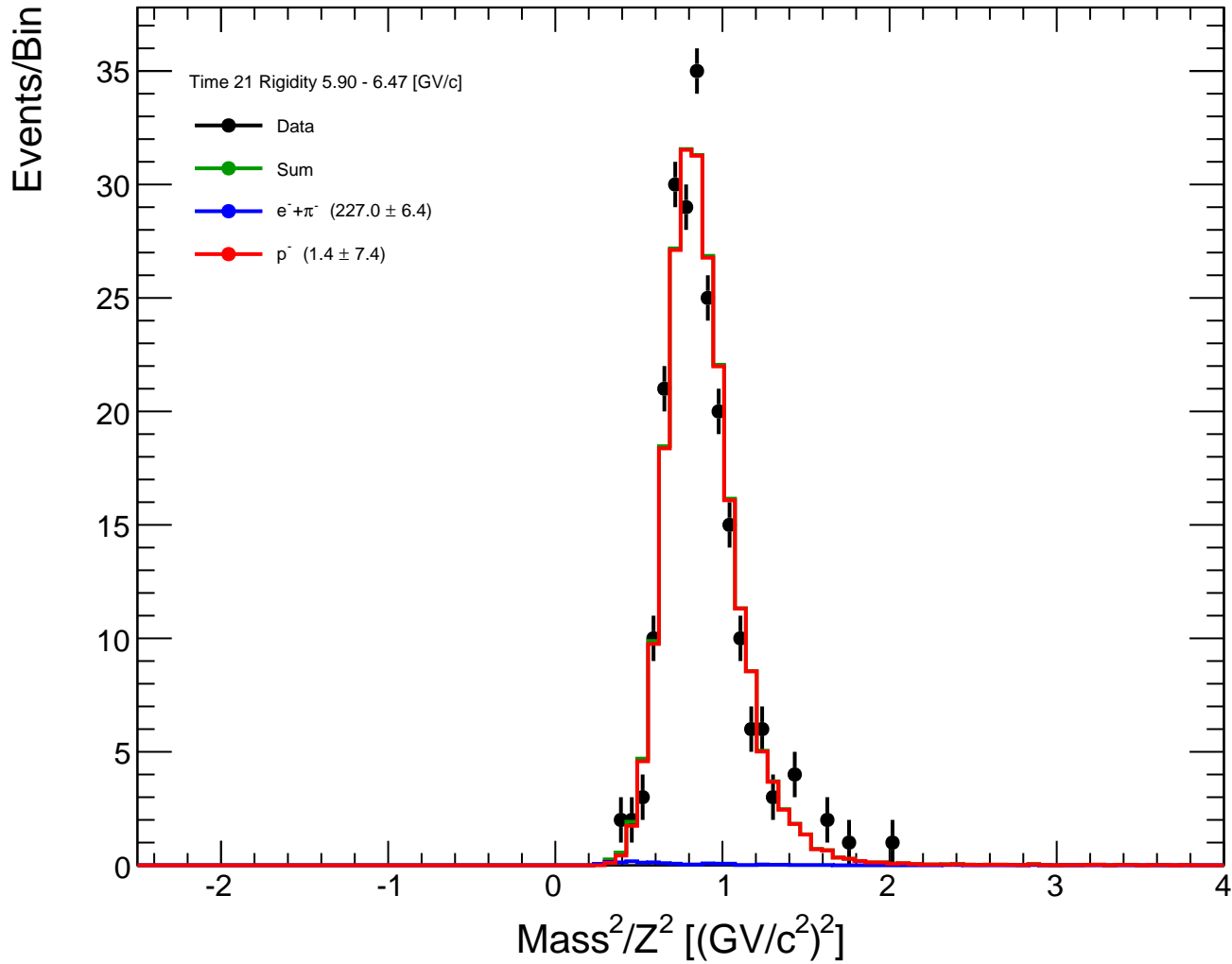




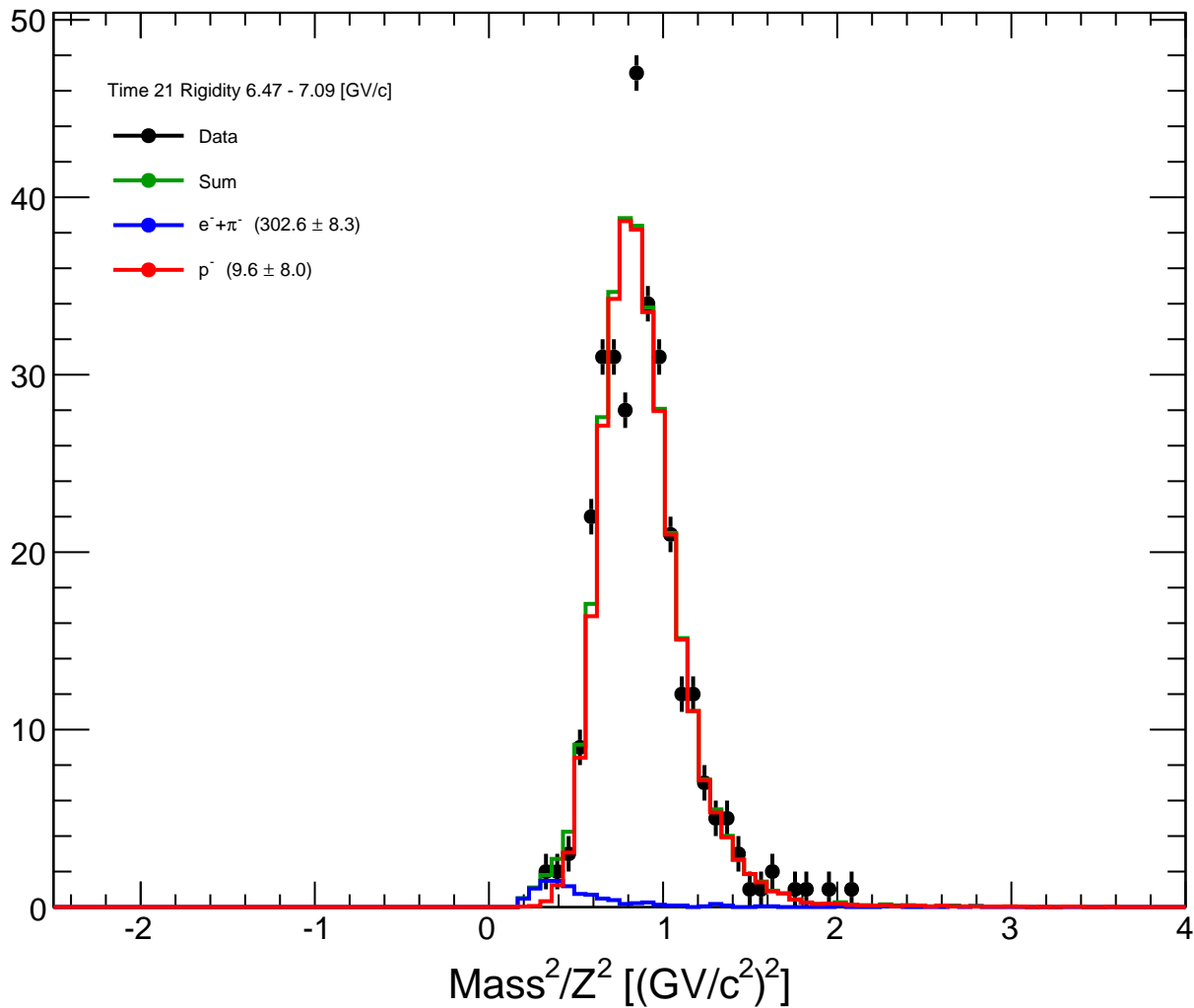


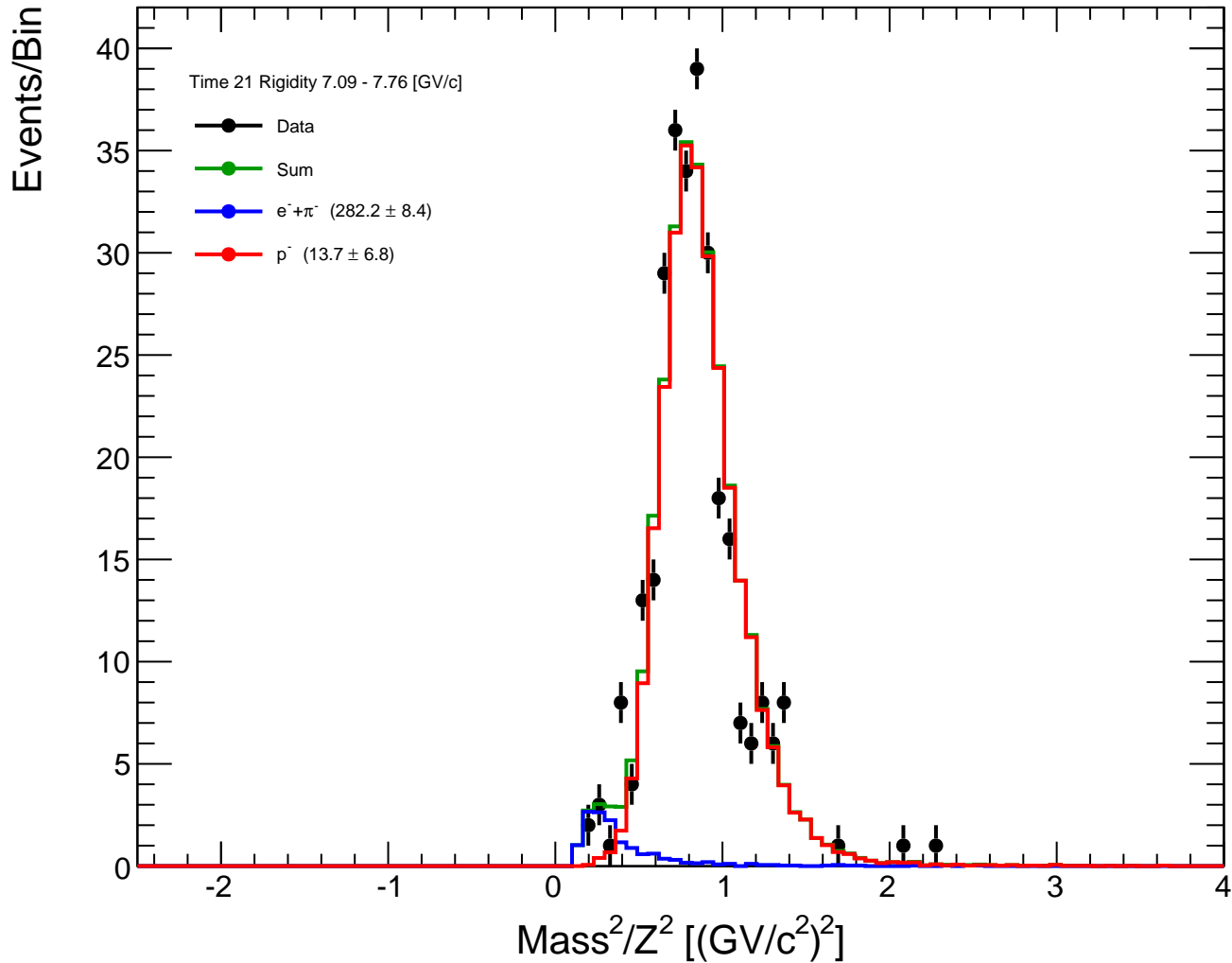




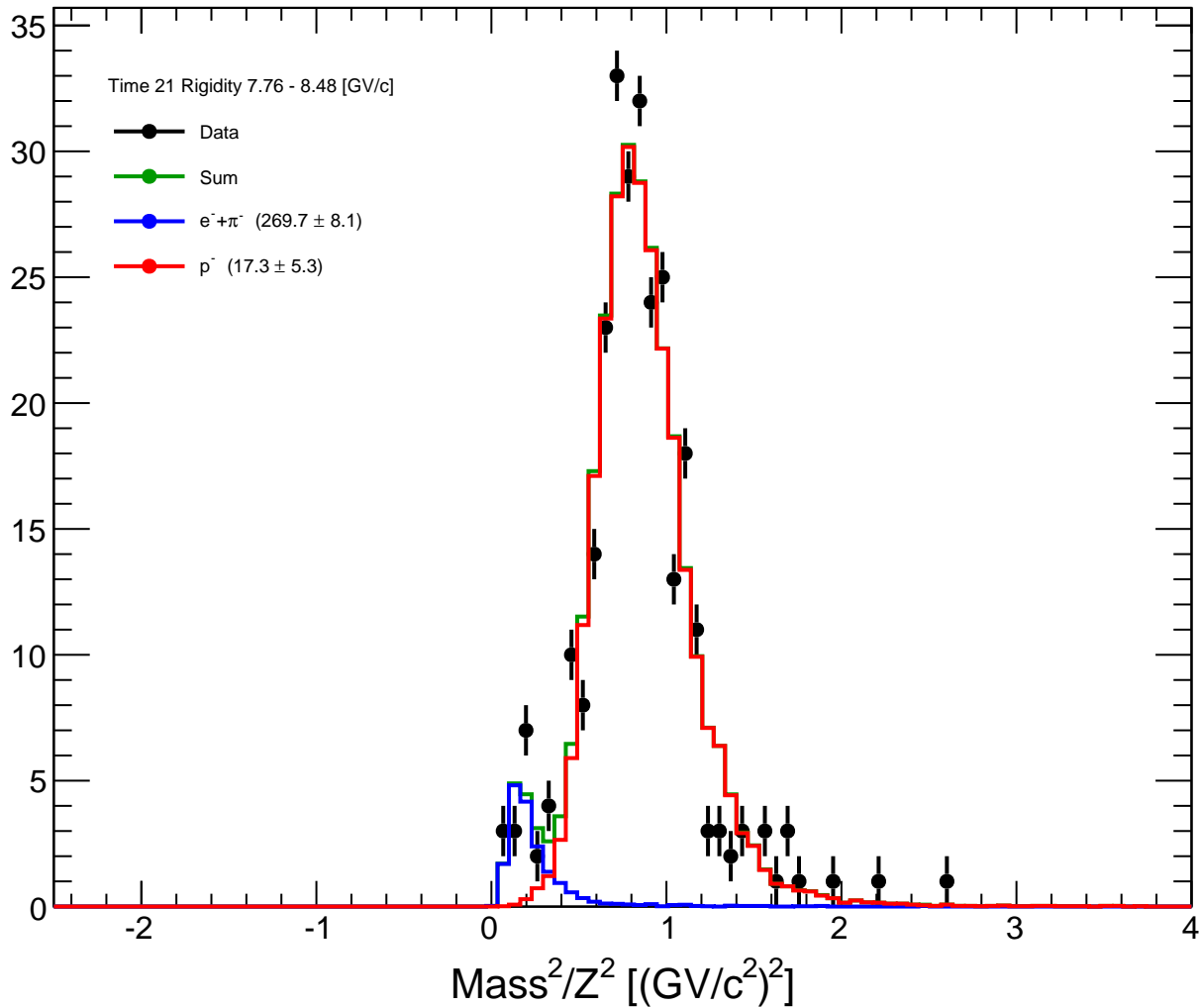


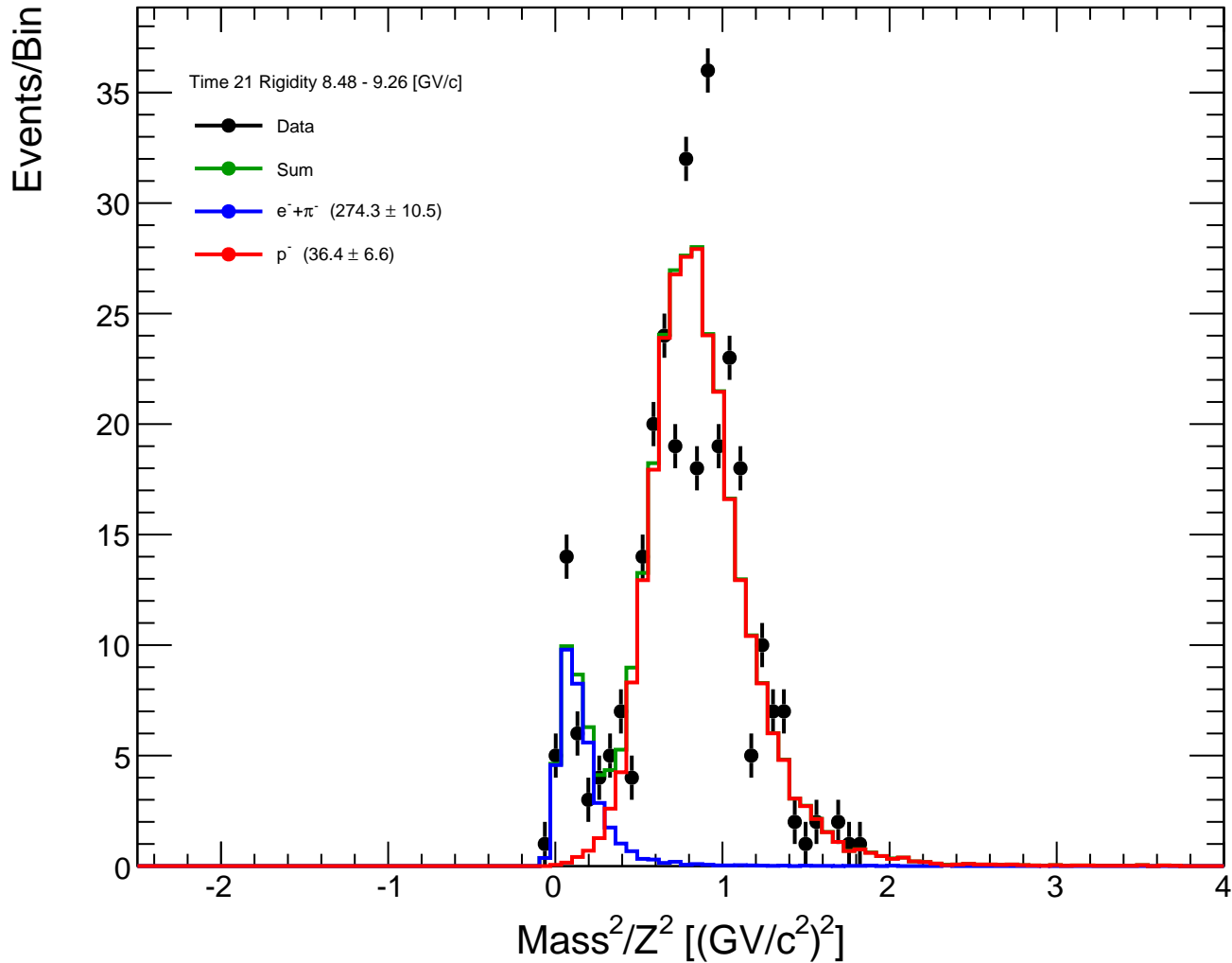
Events/Bin



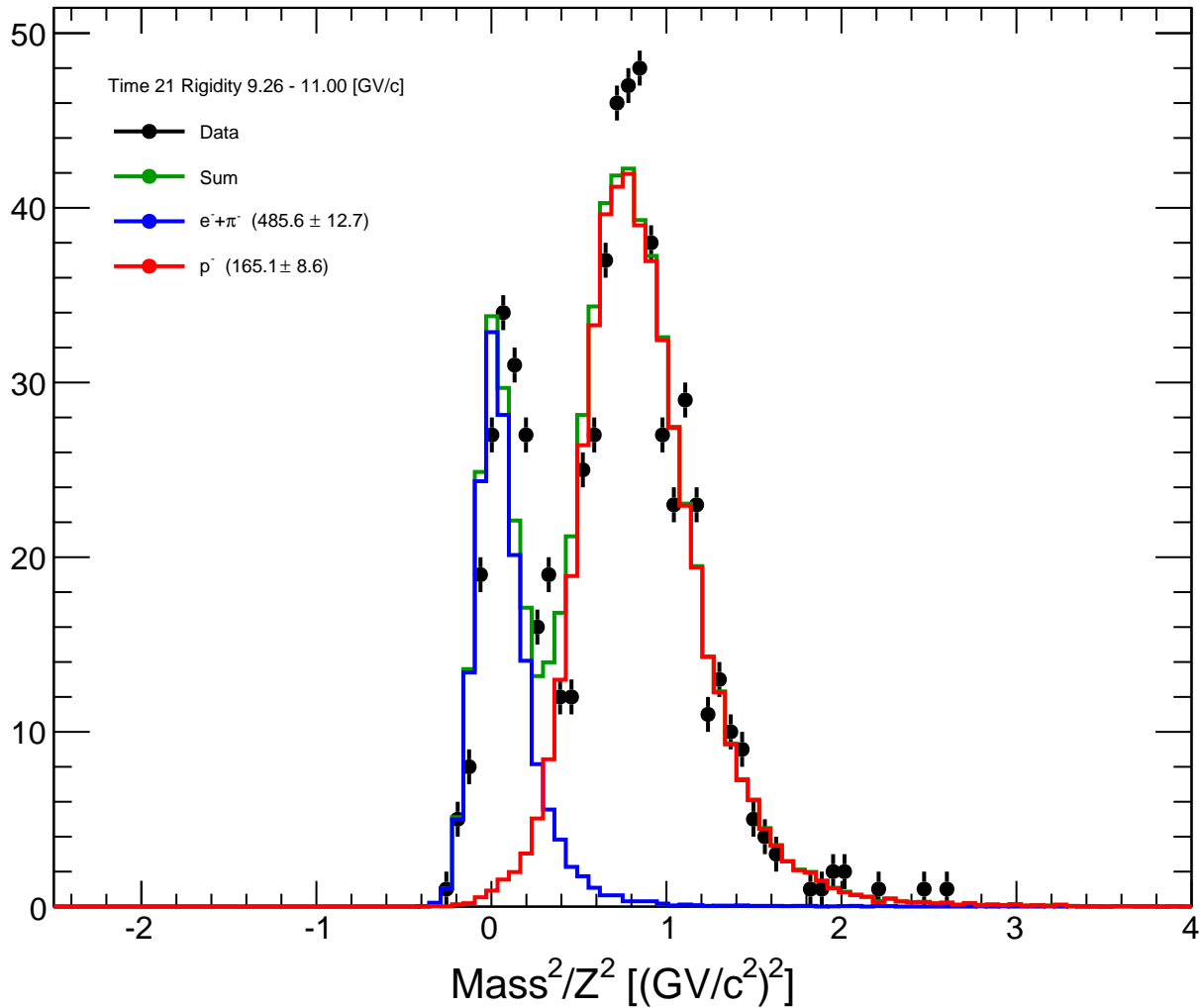


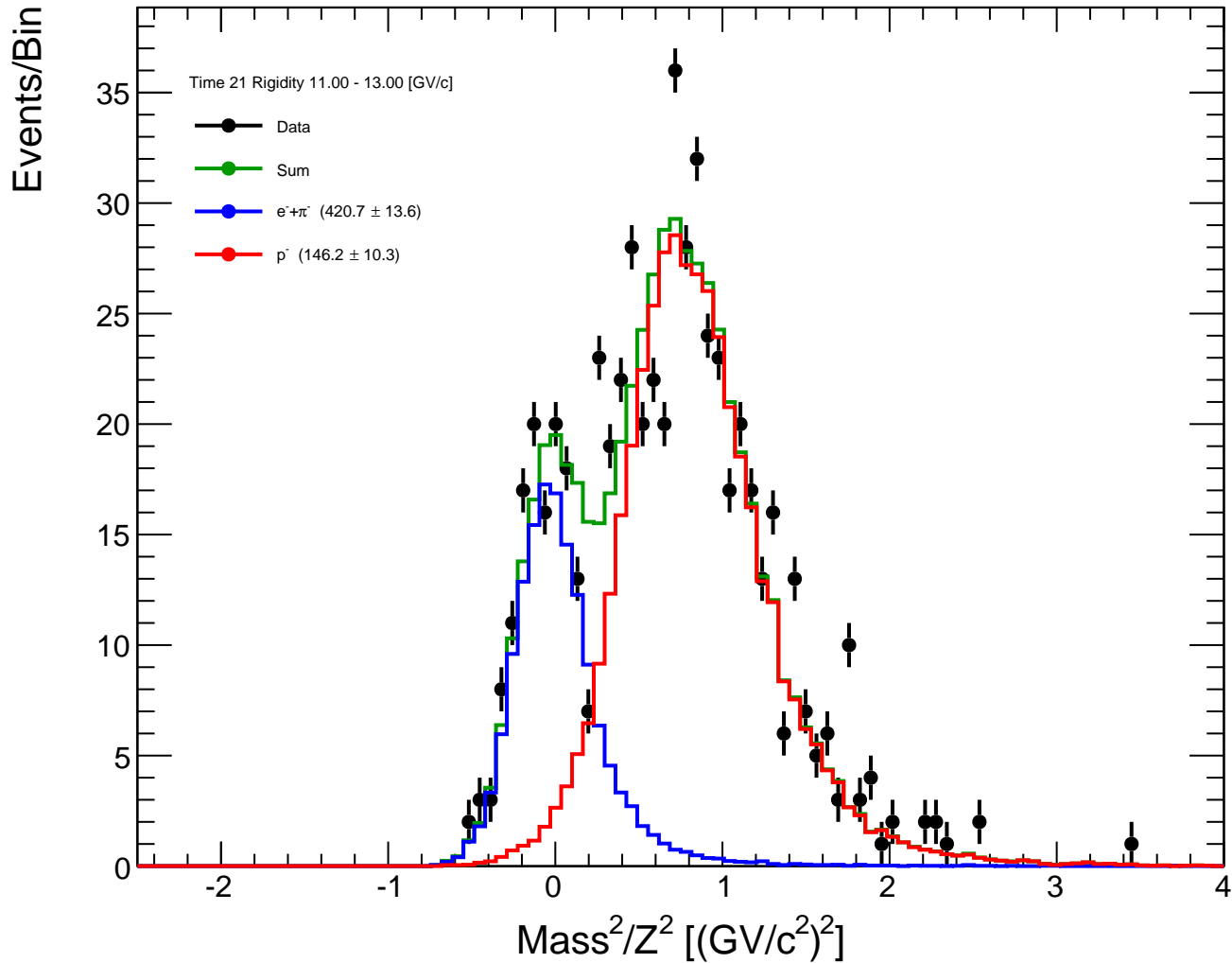
Events/Bin



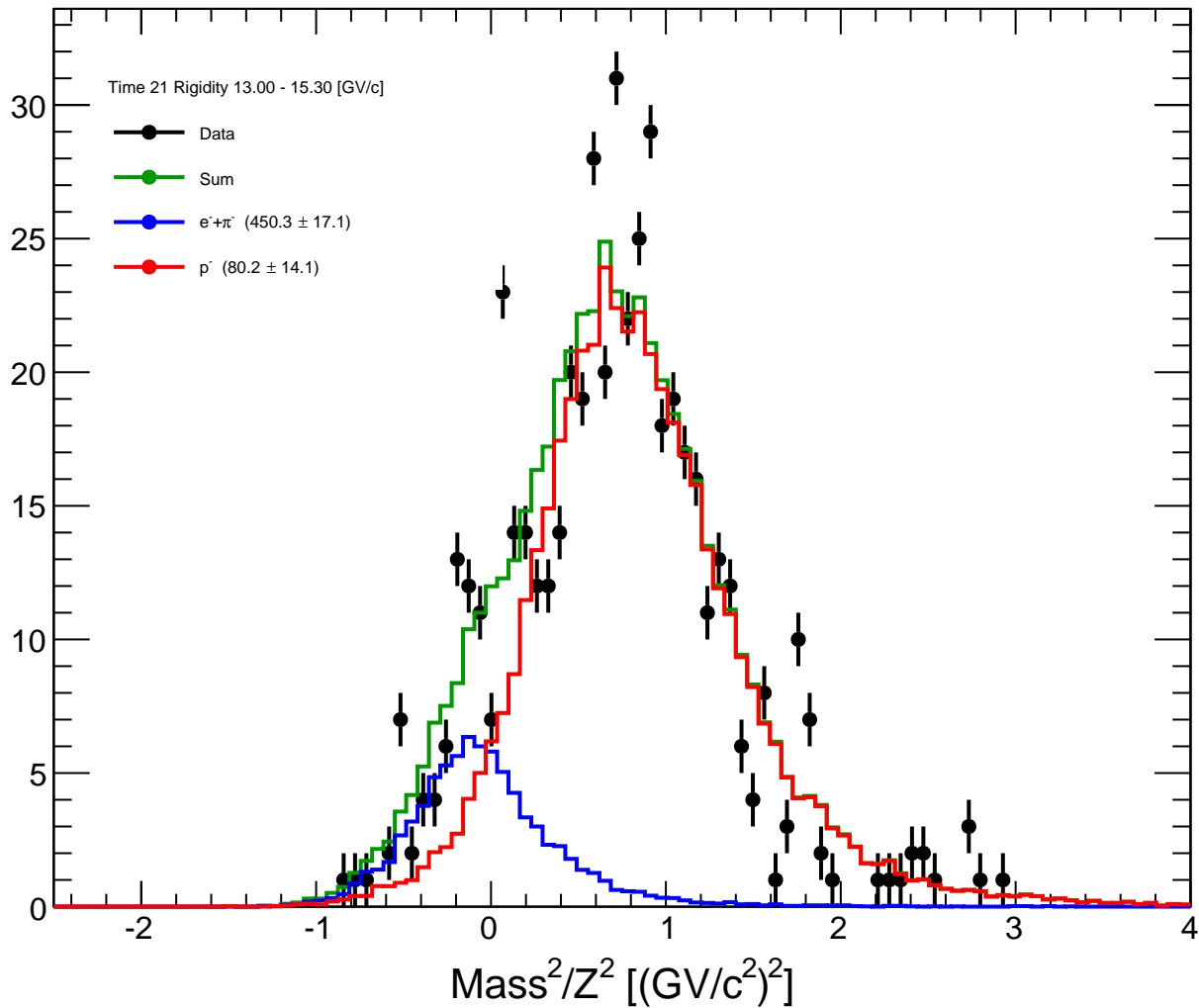


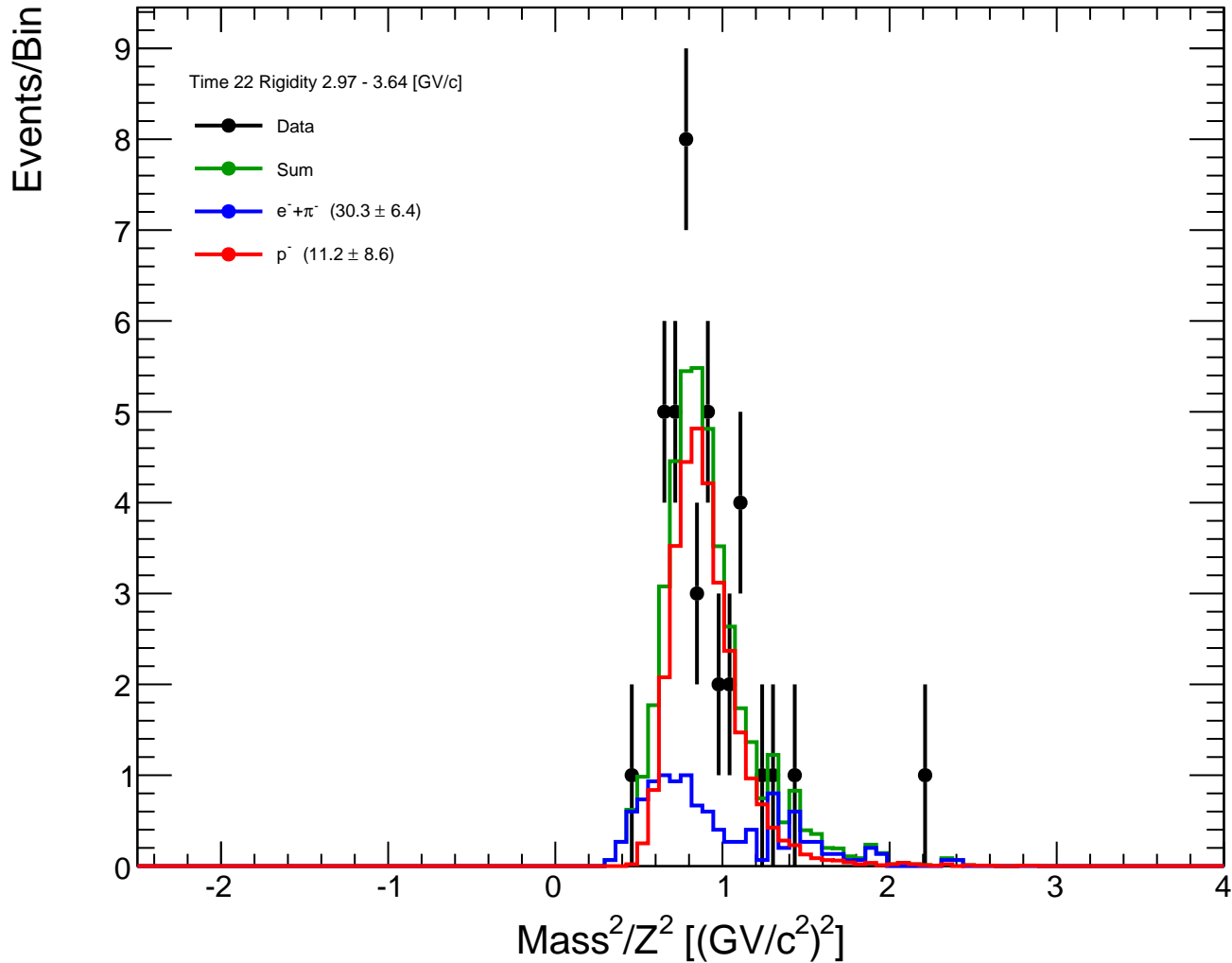
Events/Bin

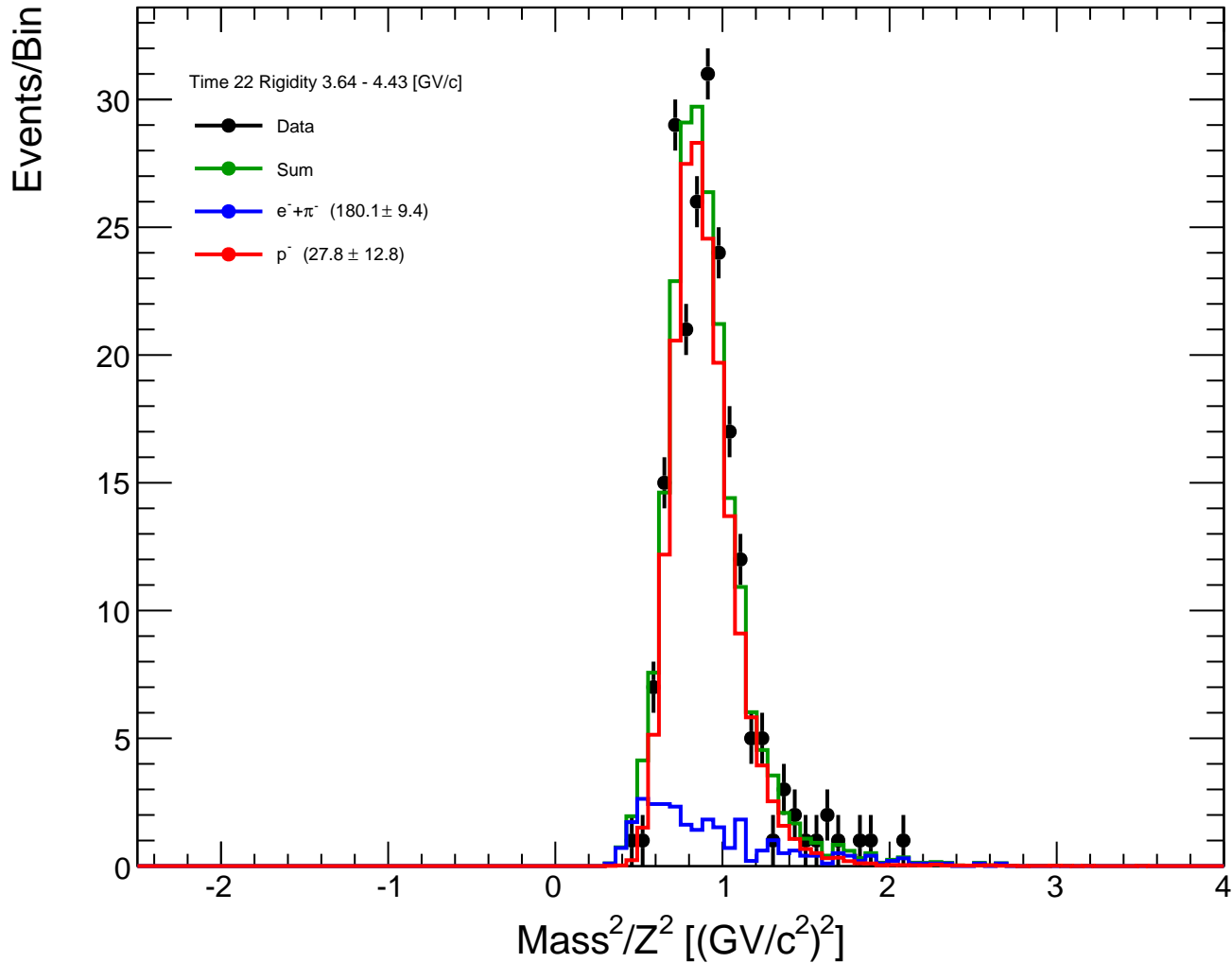


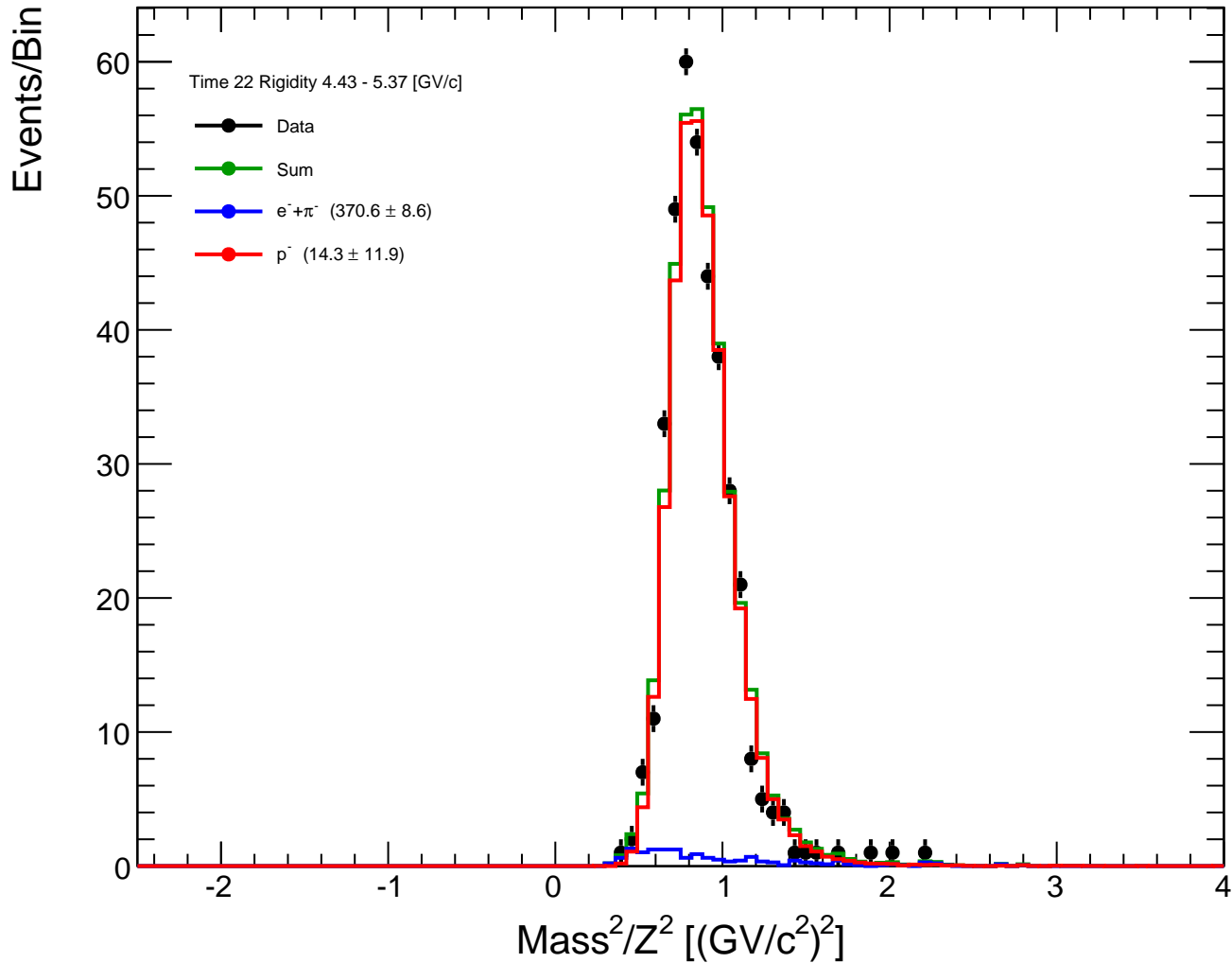


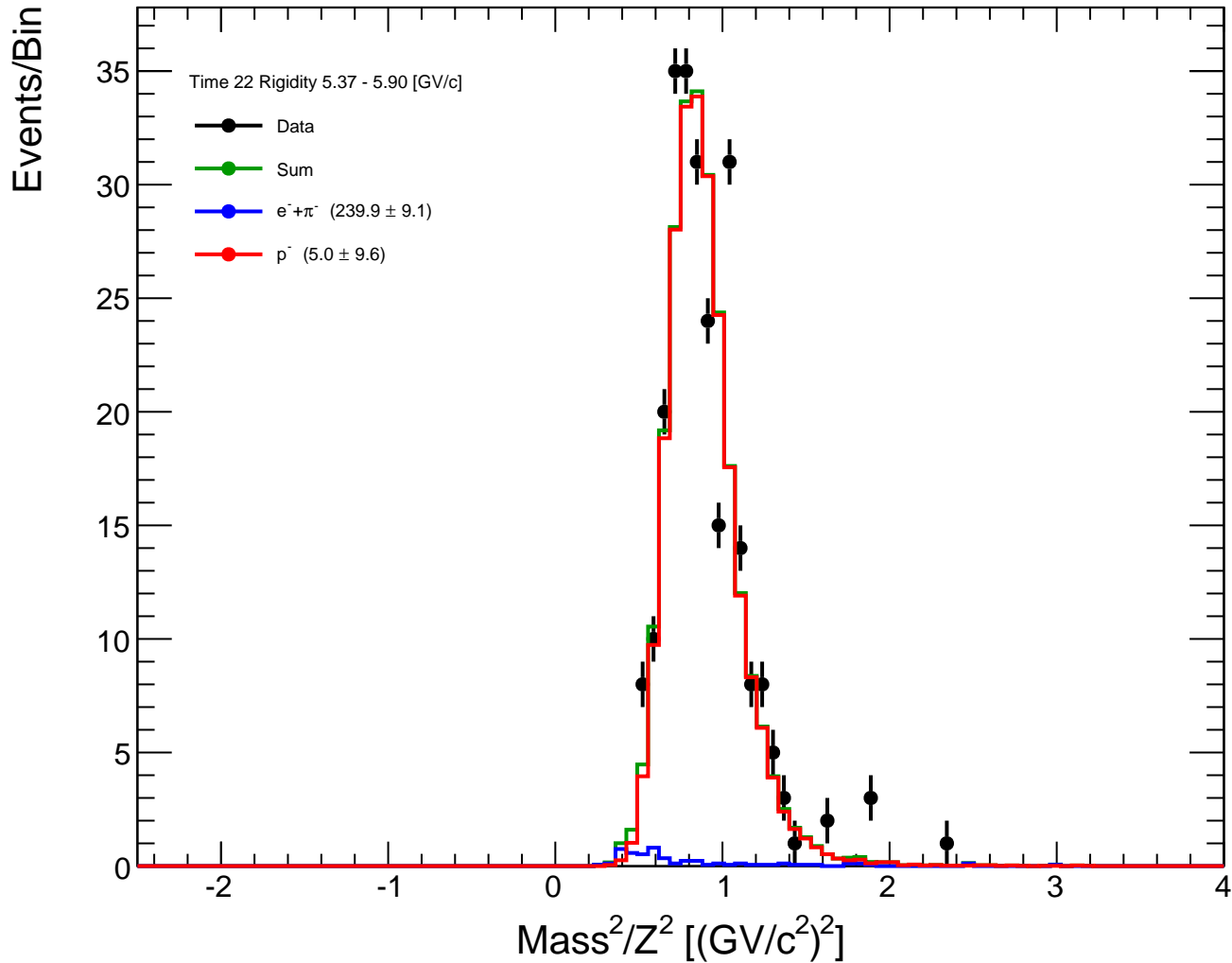
Events/Bin







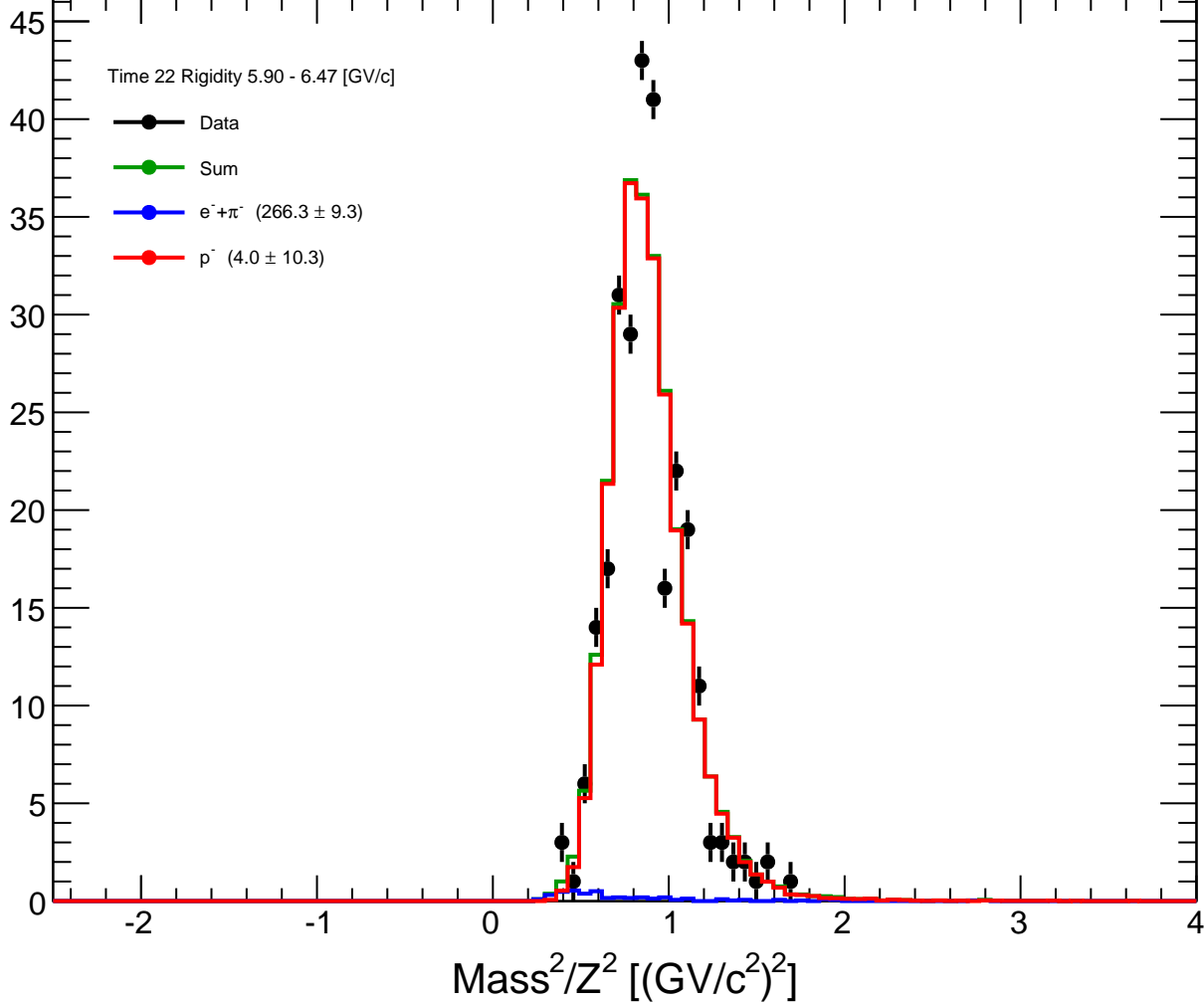


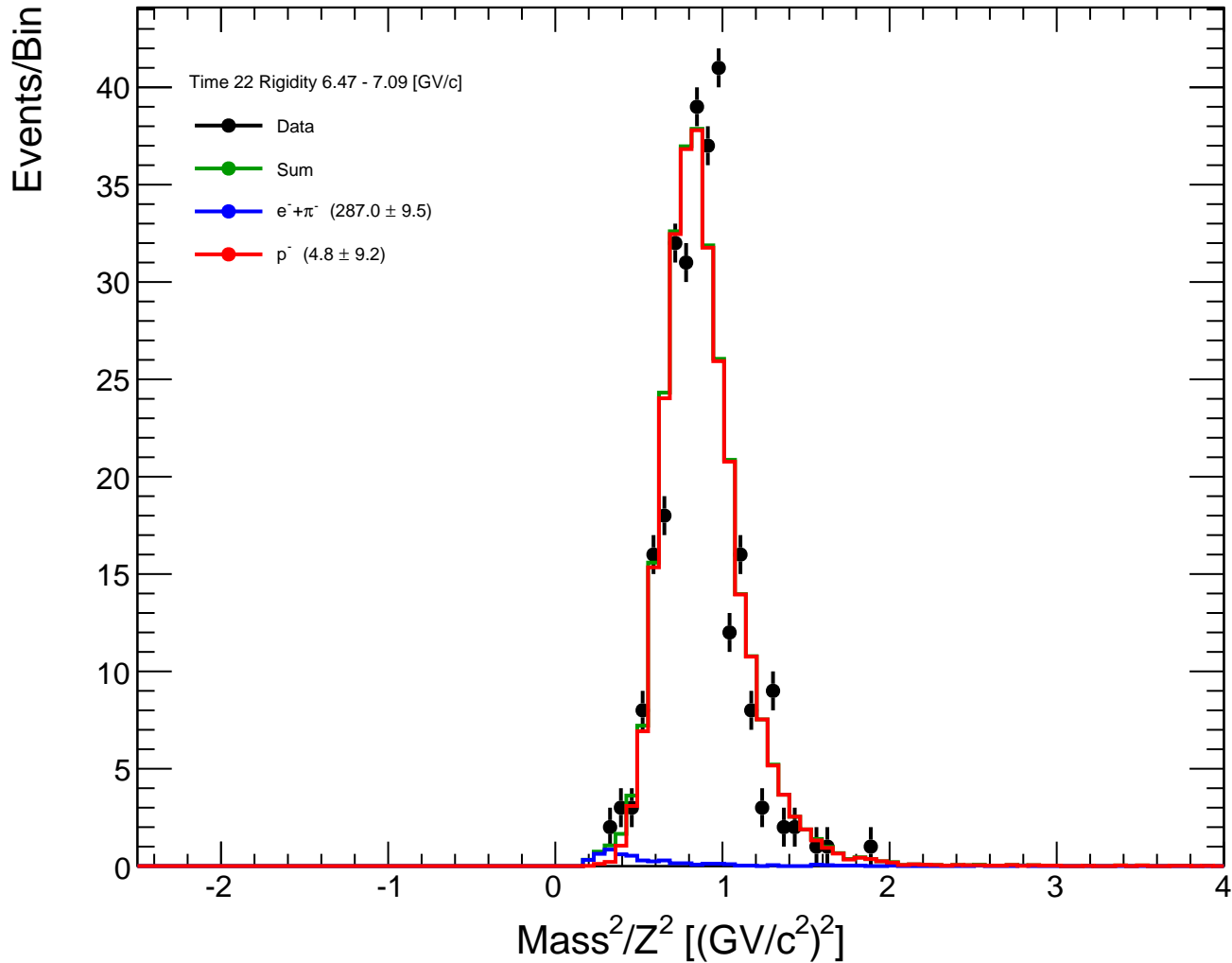


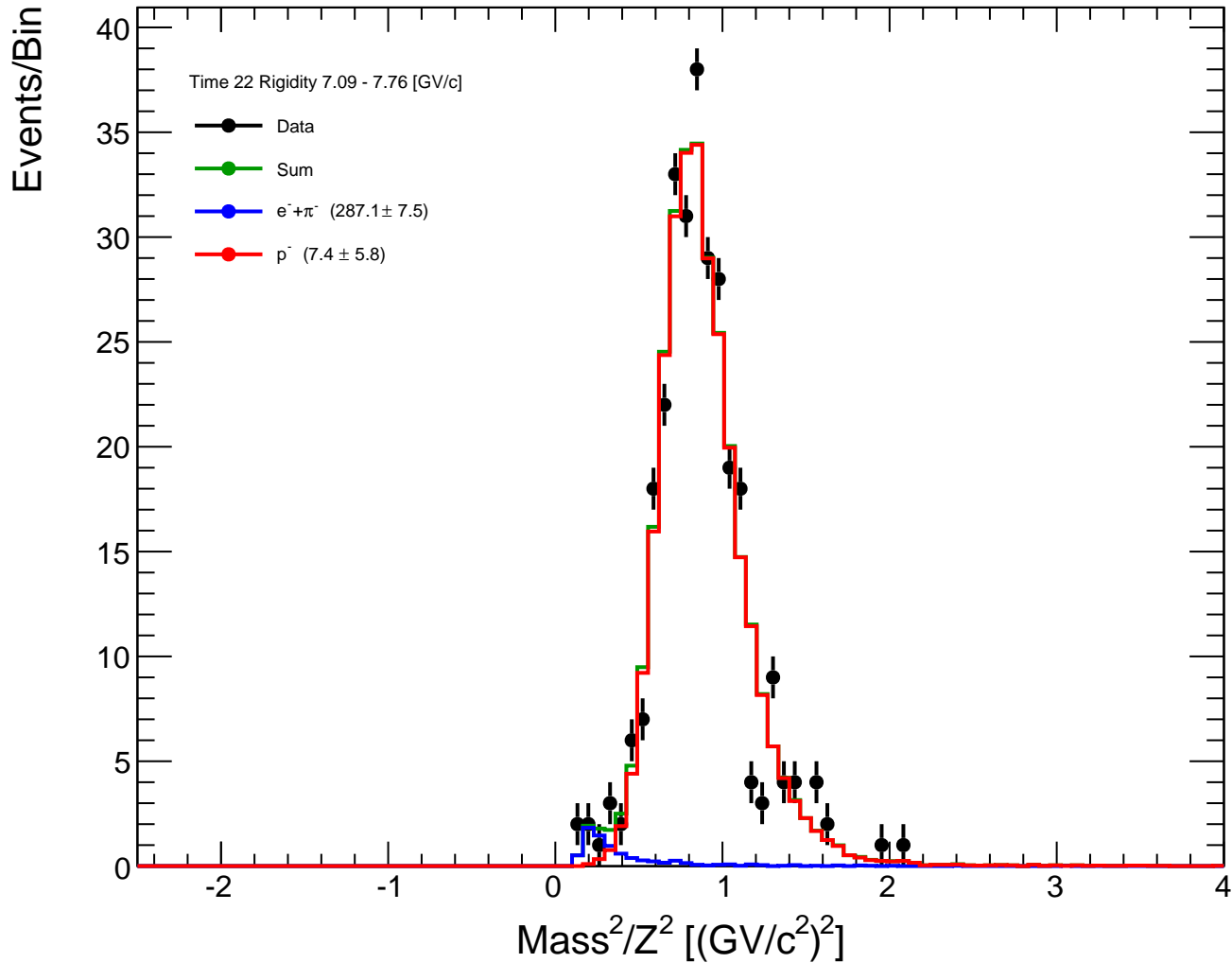
Events/Bin

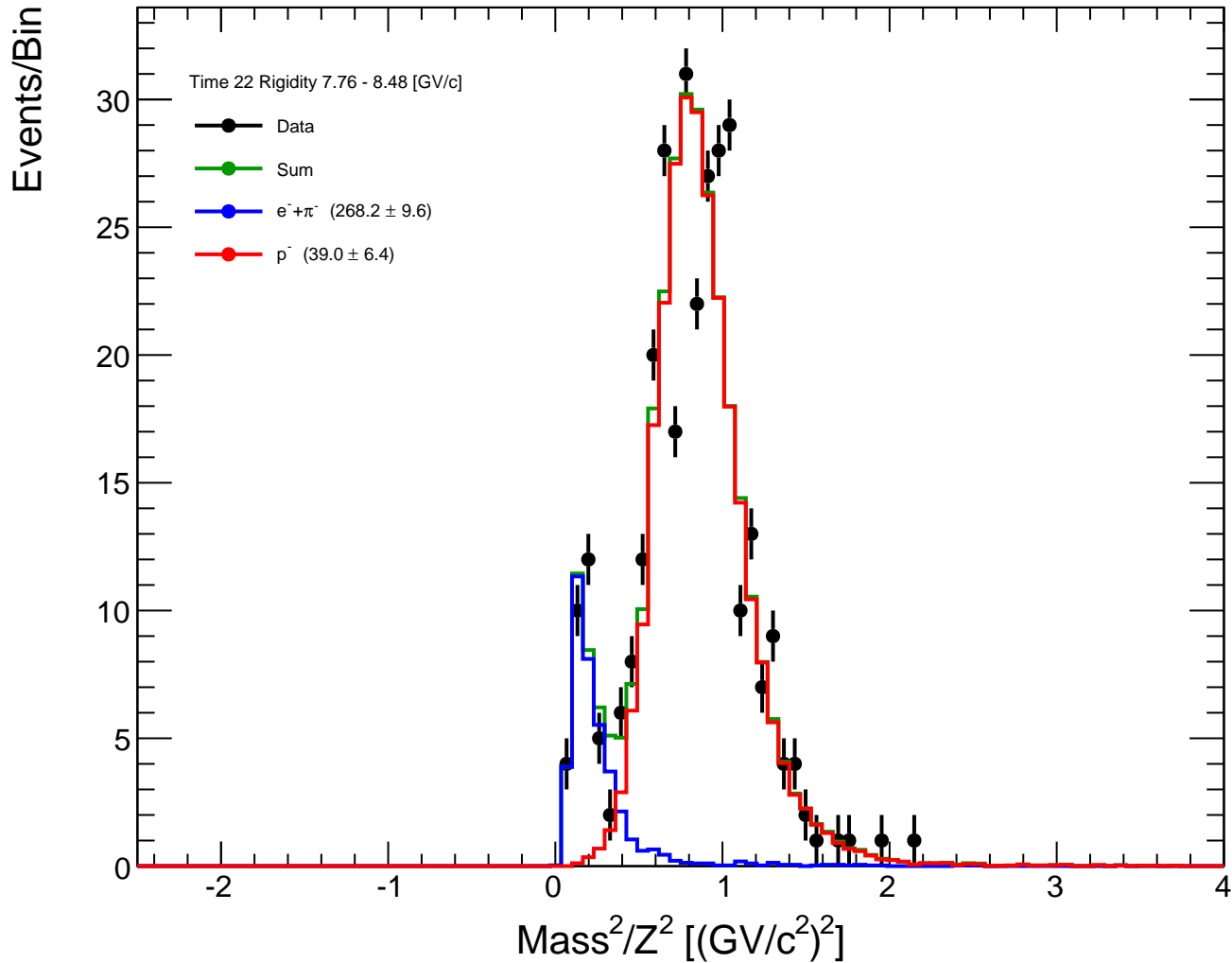
Time 22 Rigidity 5.90 - 6.47 [GV/c]

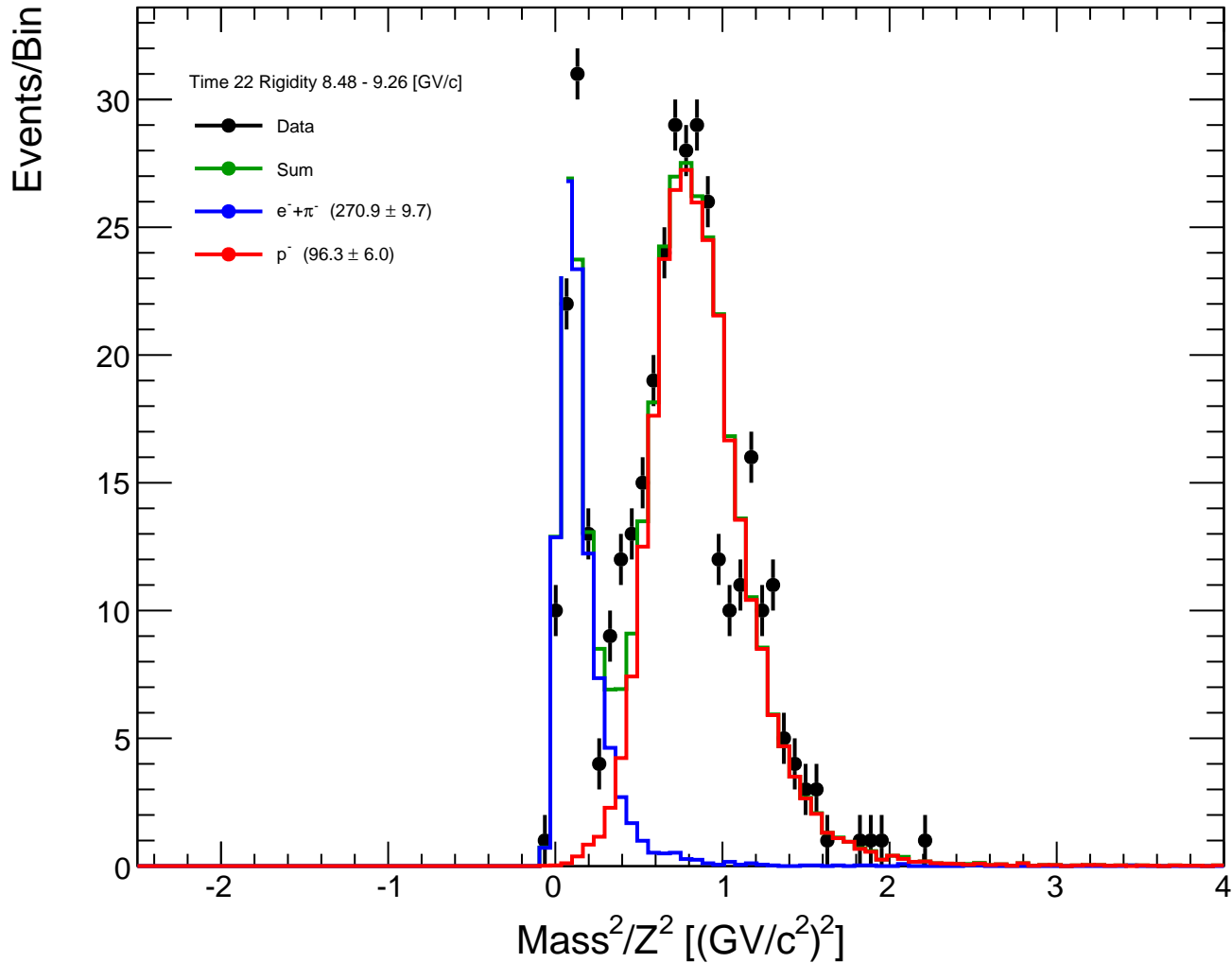
- Data
- Sum
- $e^+\pi^-$ (266.3 ± 9.3)
- p^- (4.0 ± 10.3)

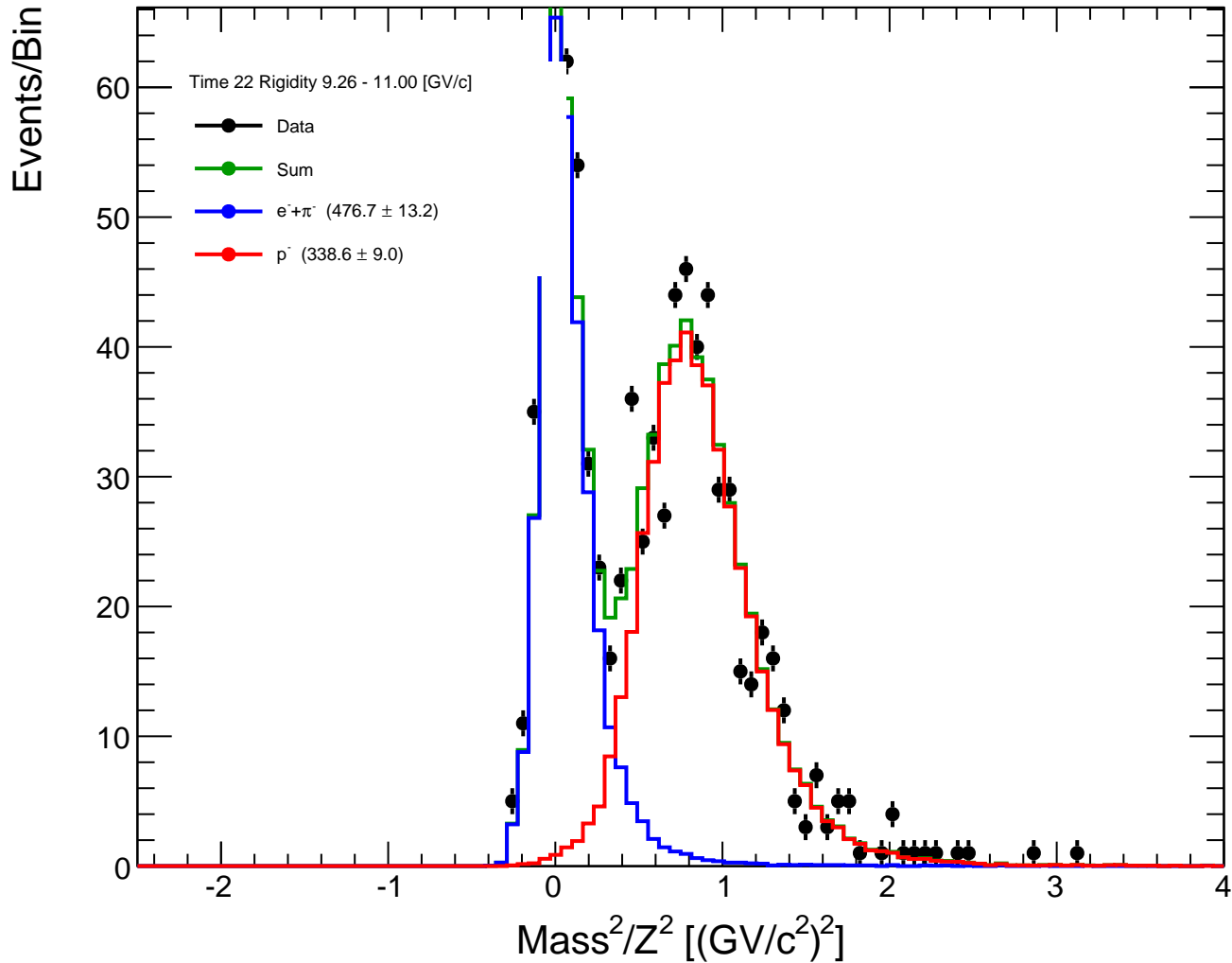


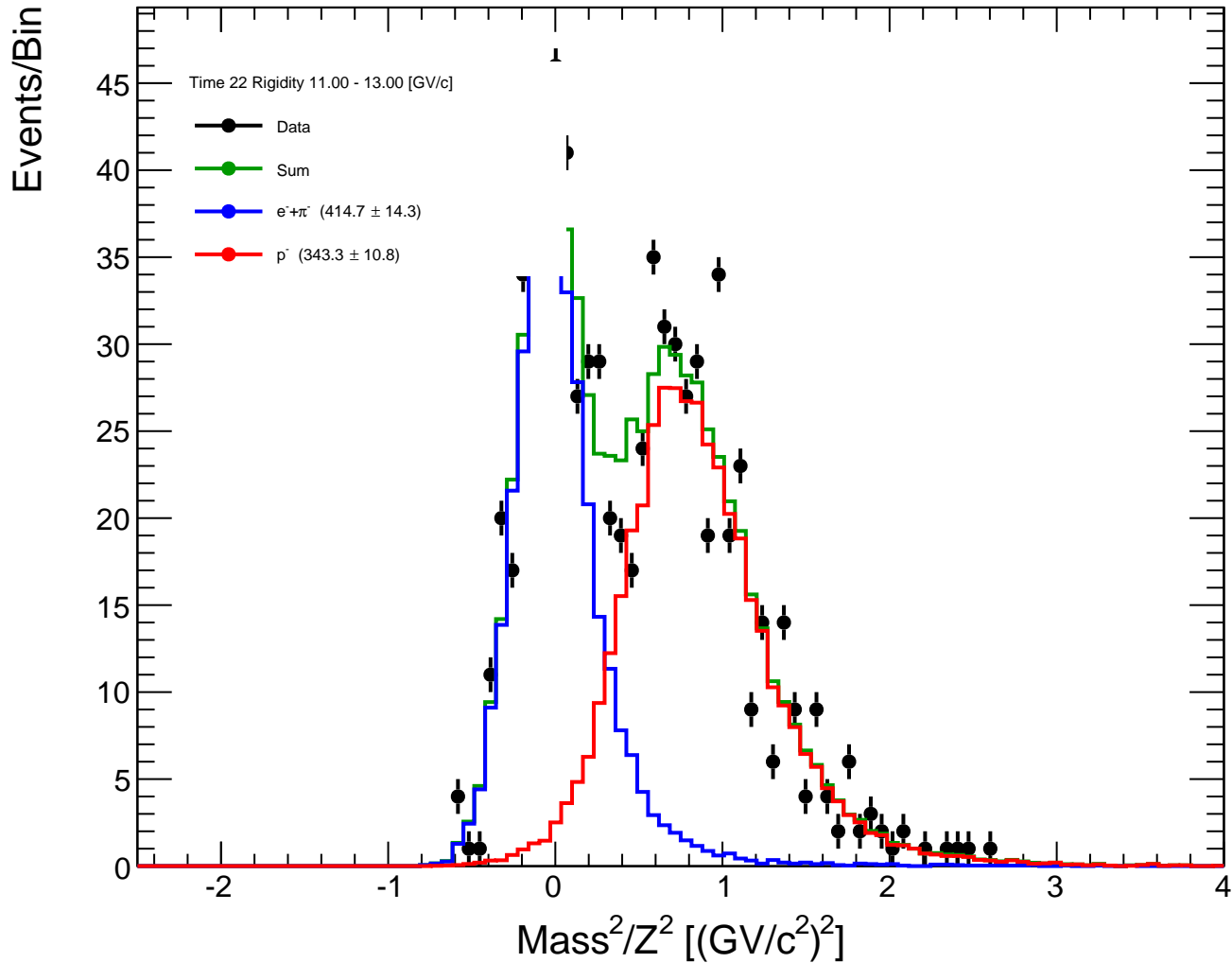


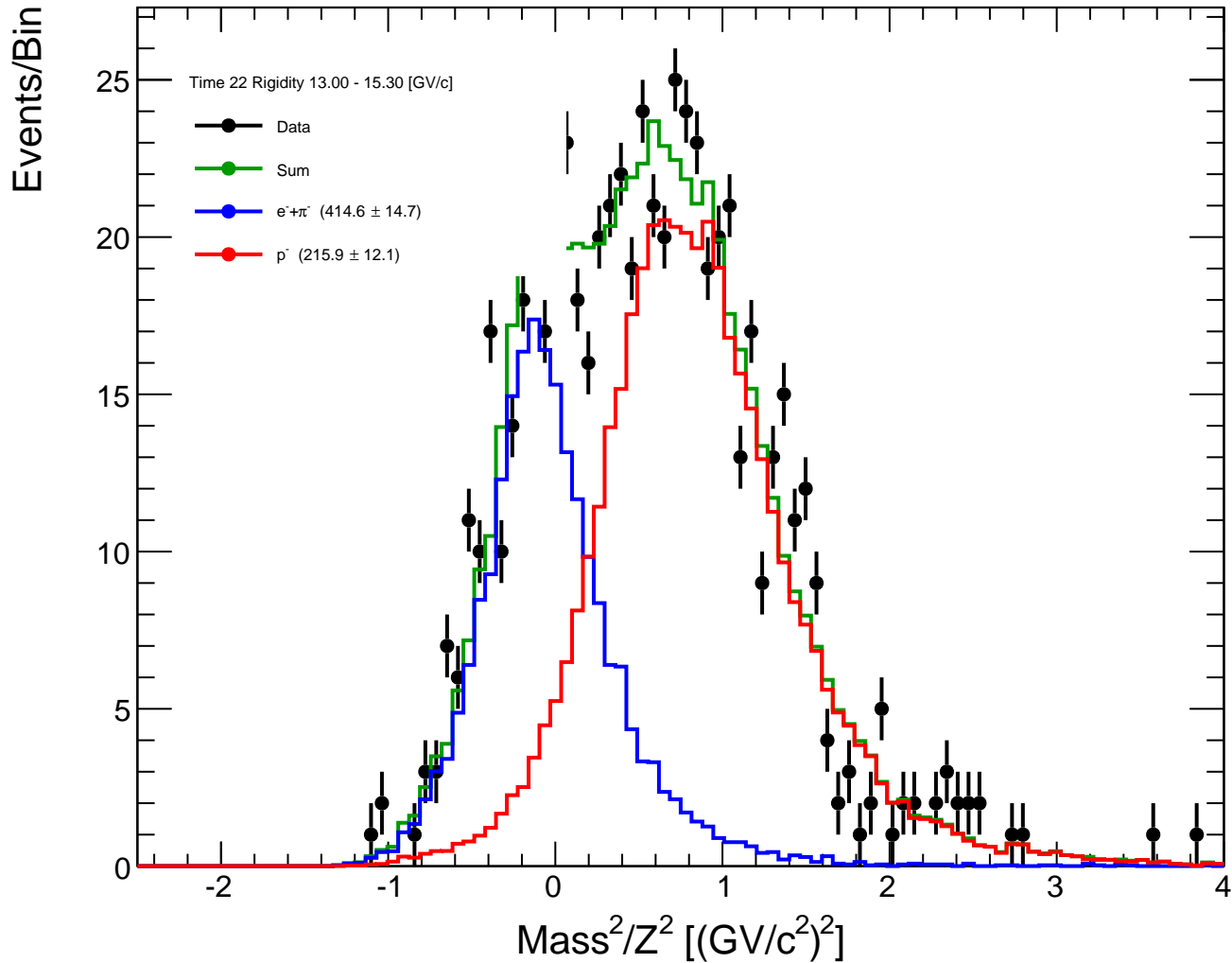


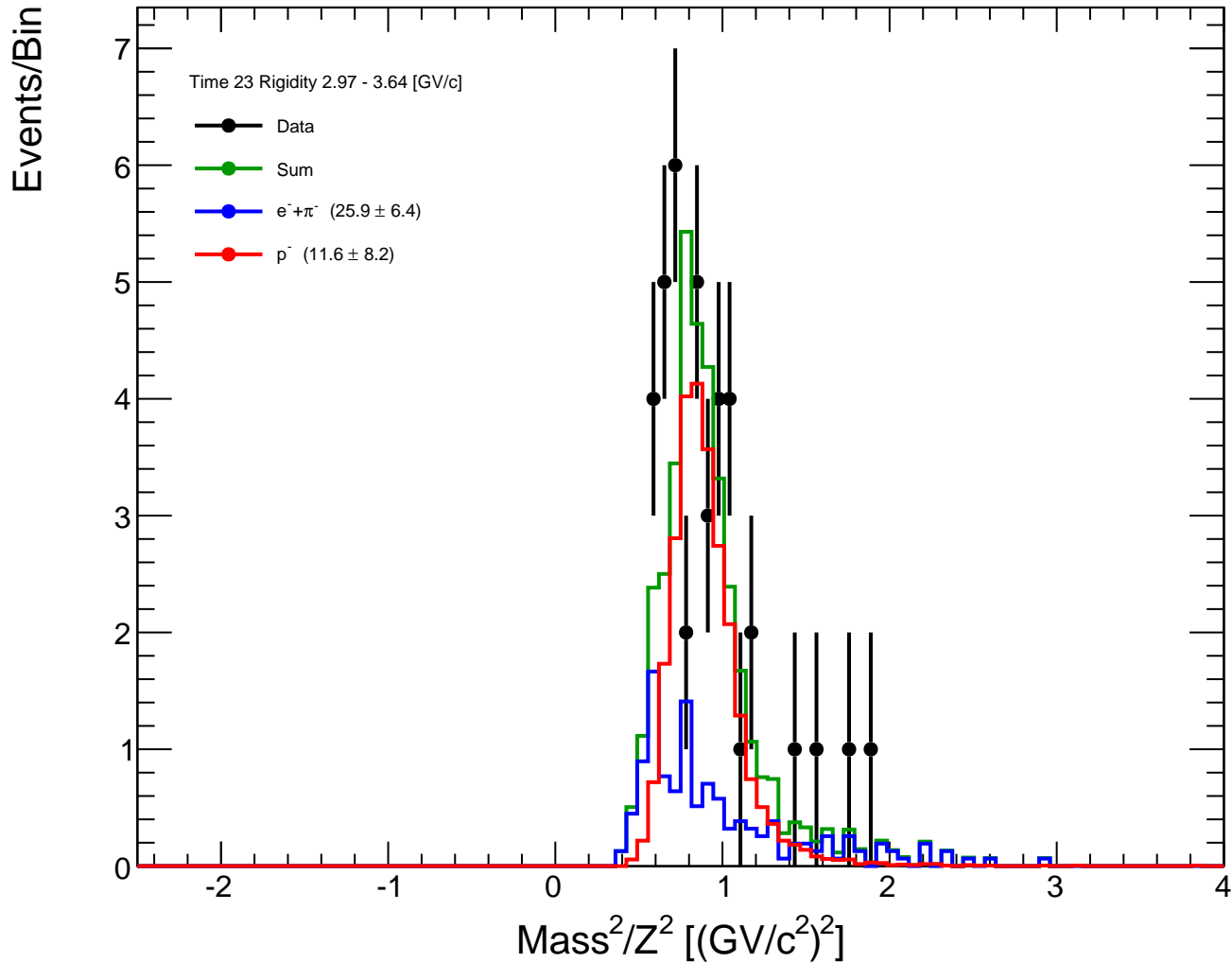


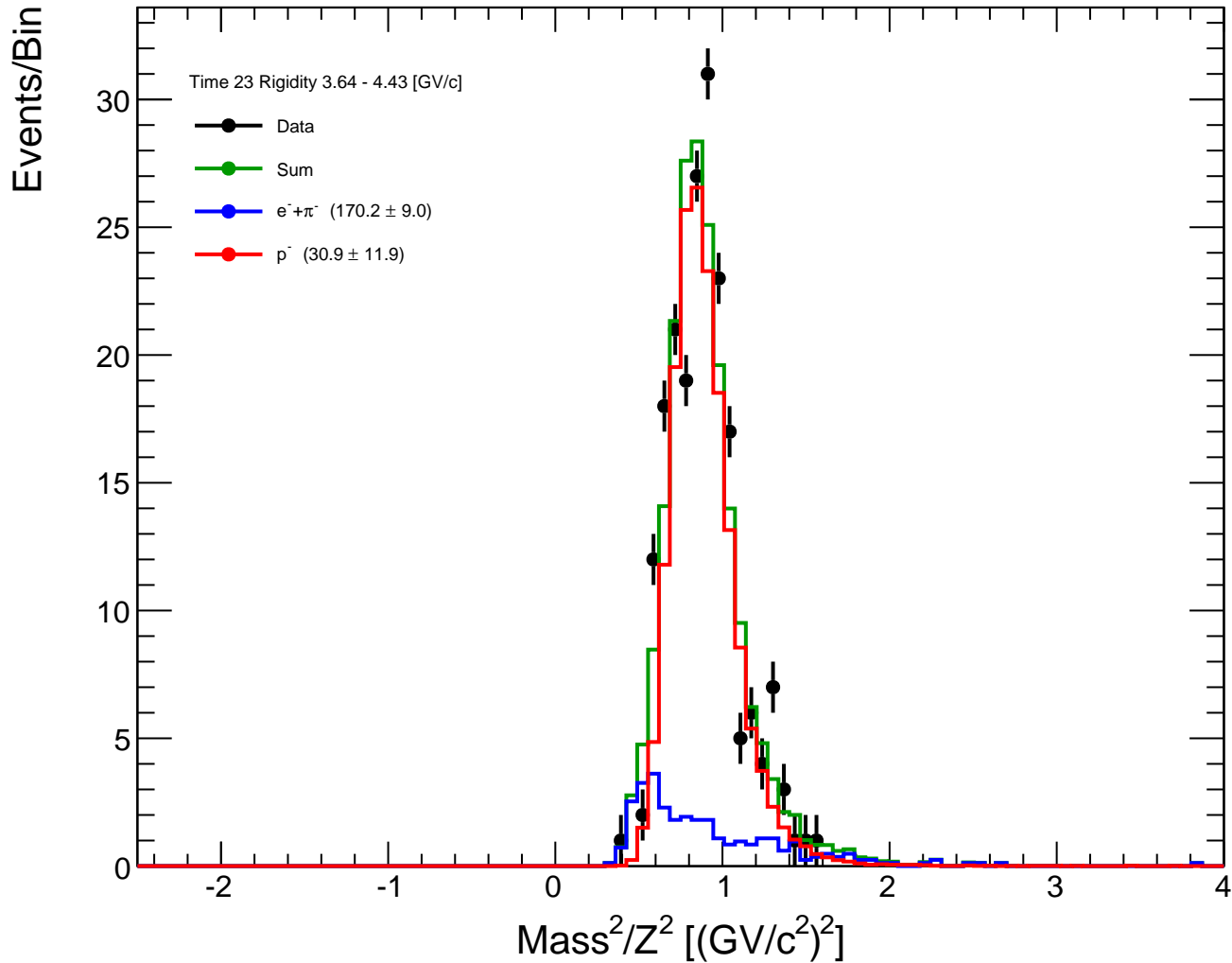


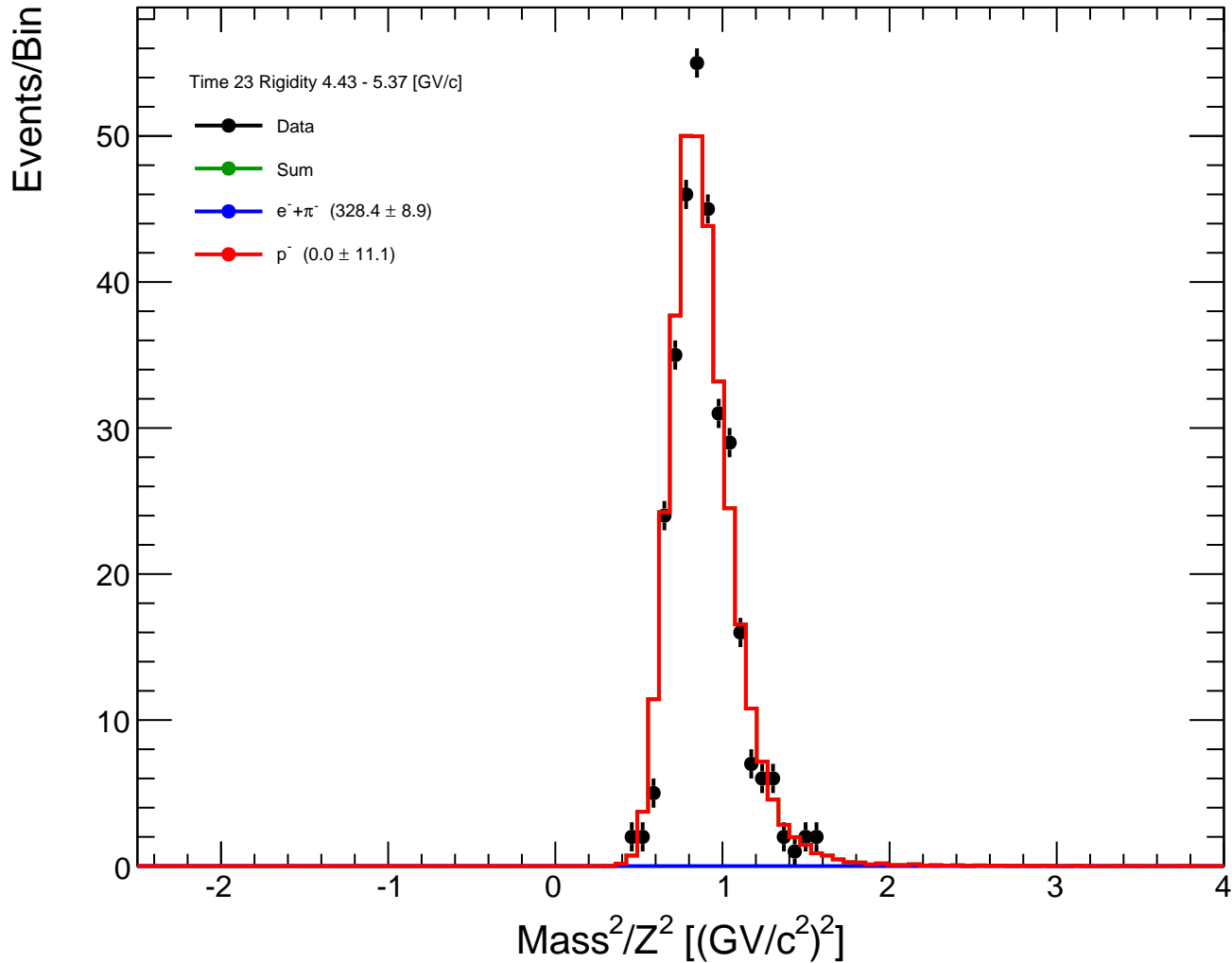


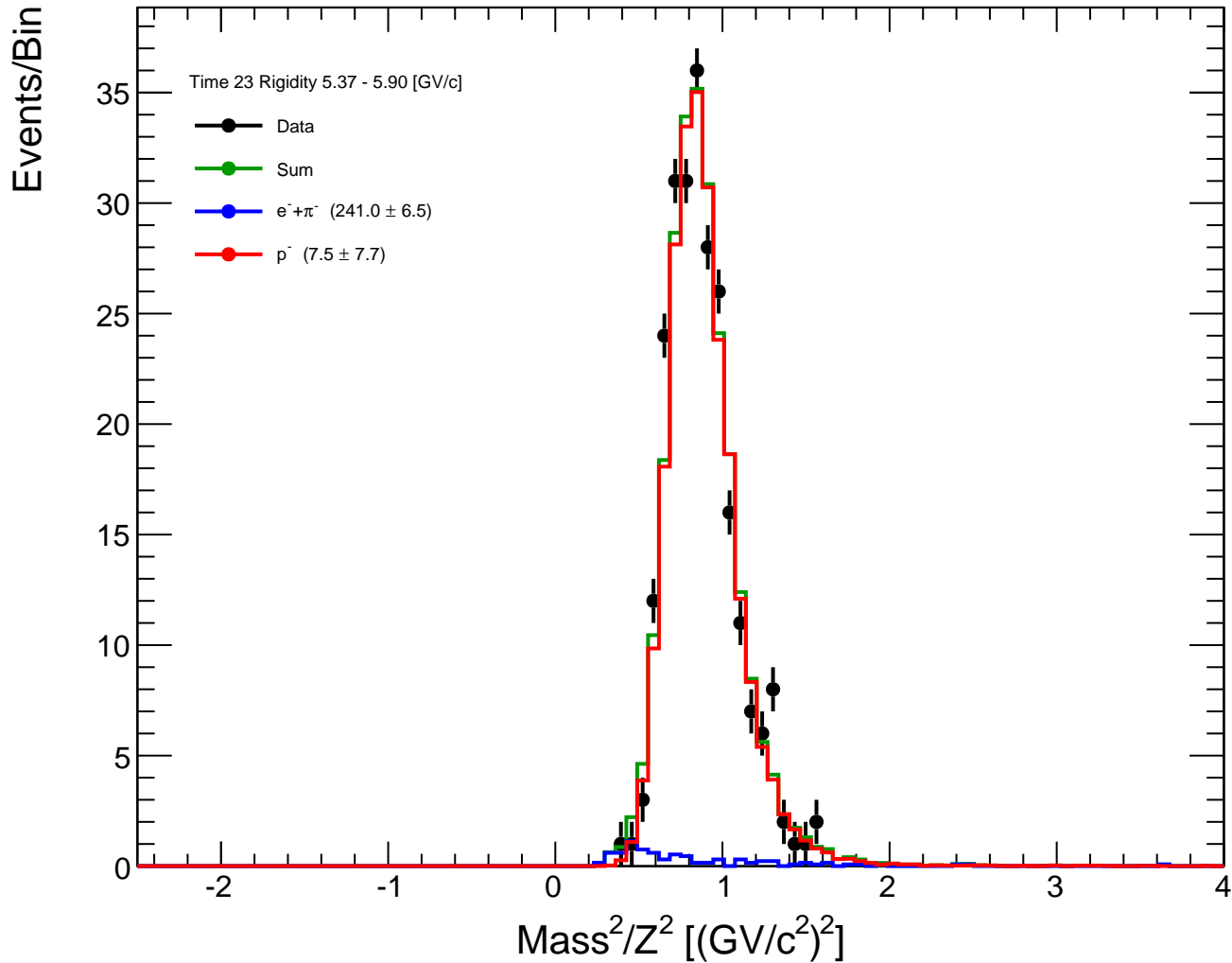


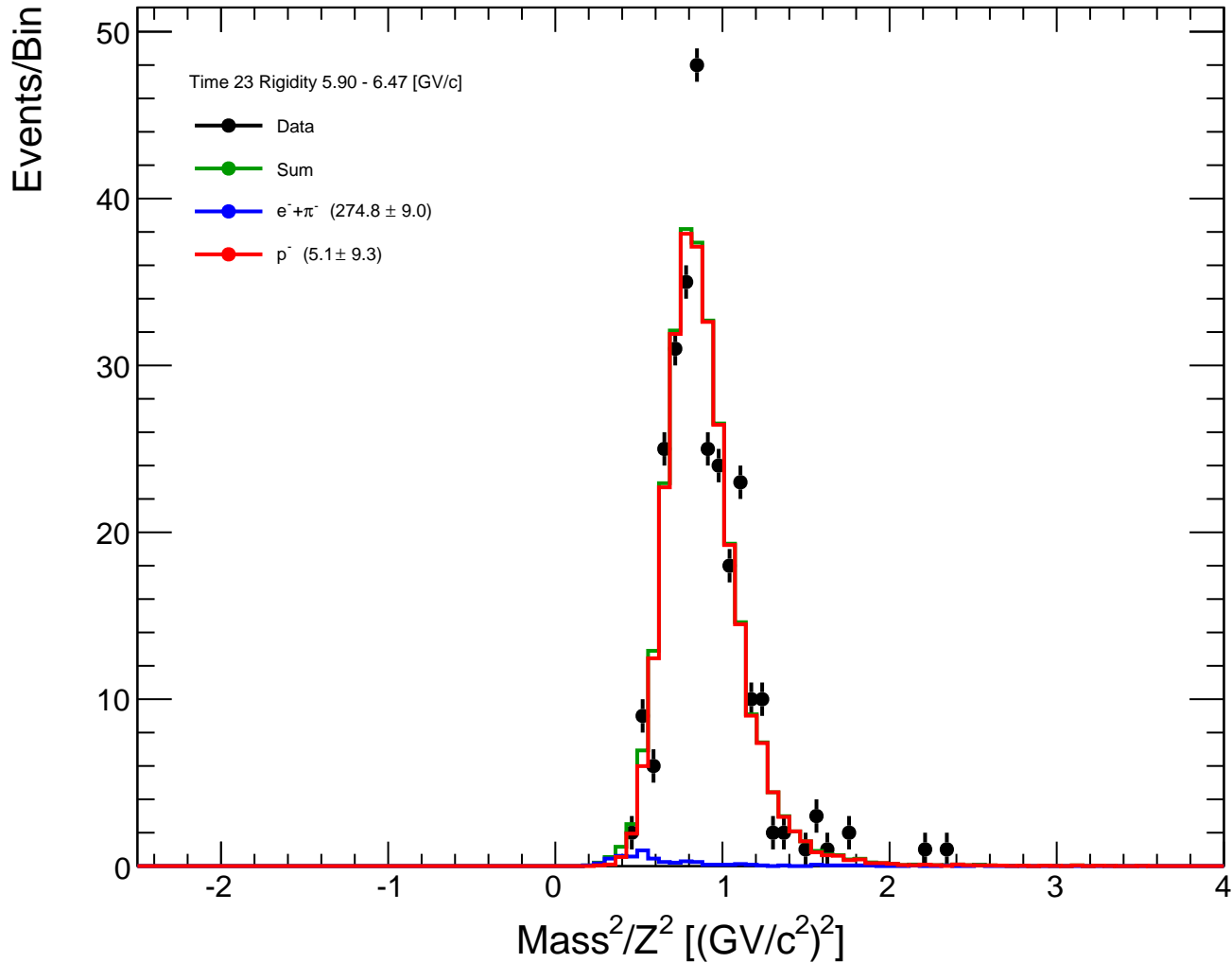


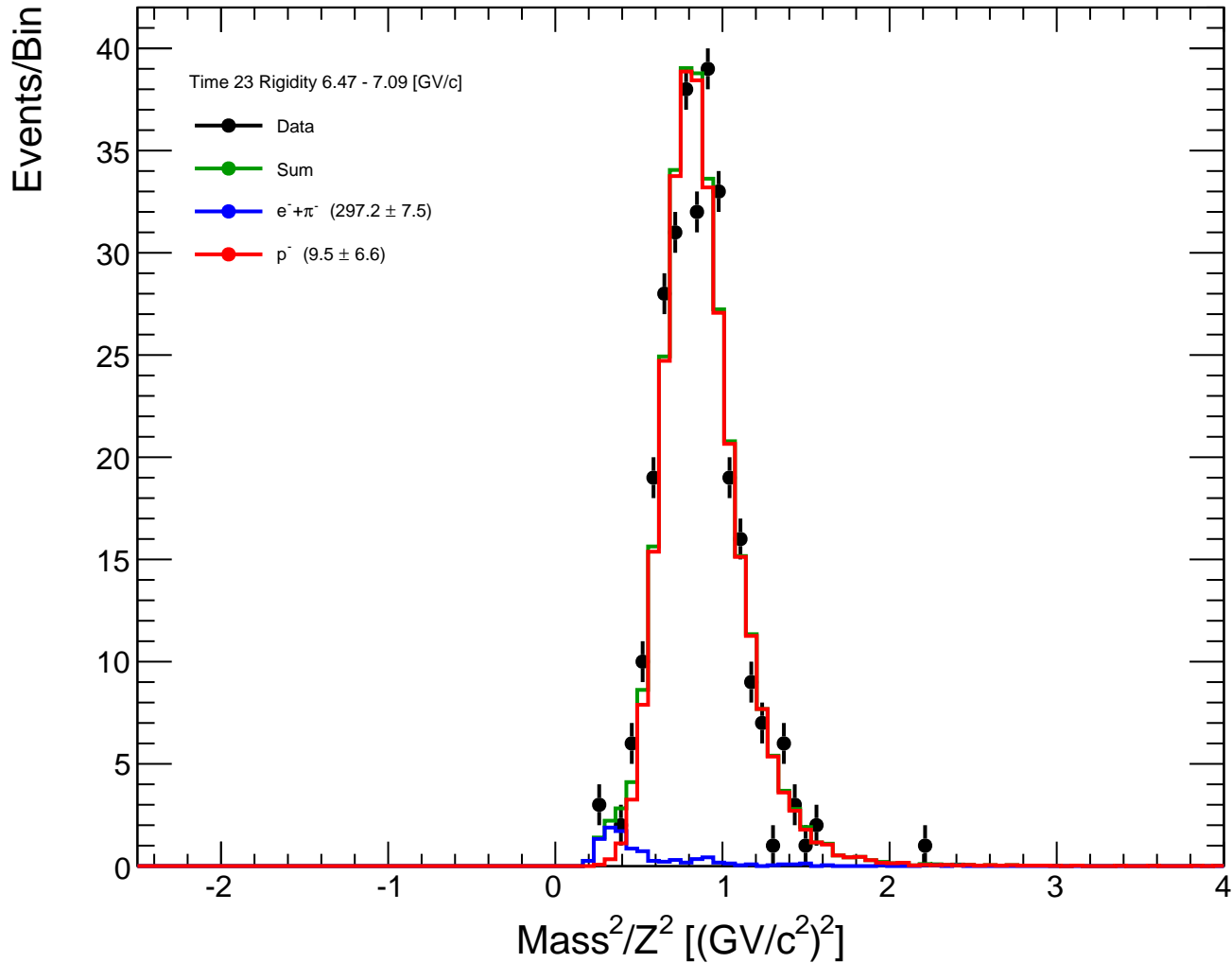


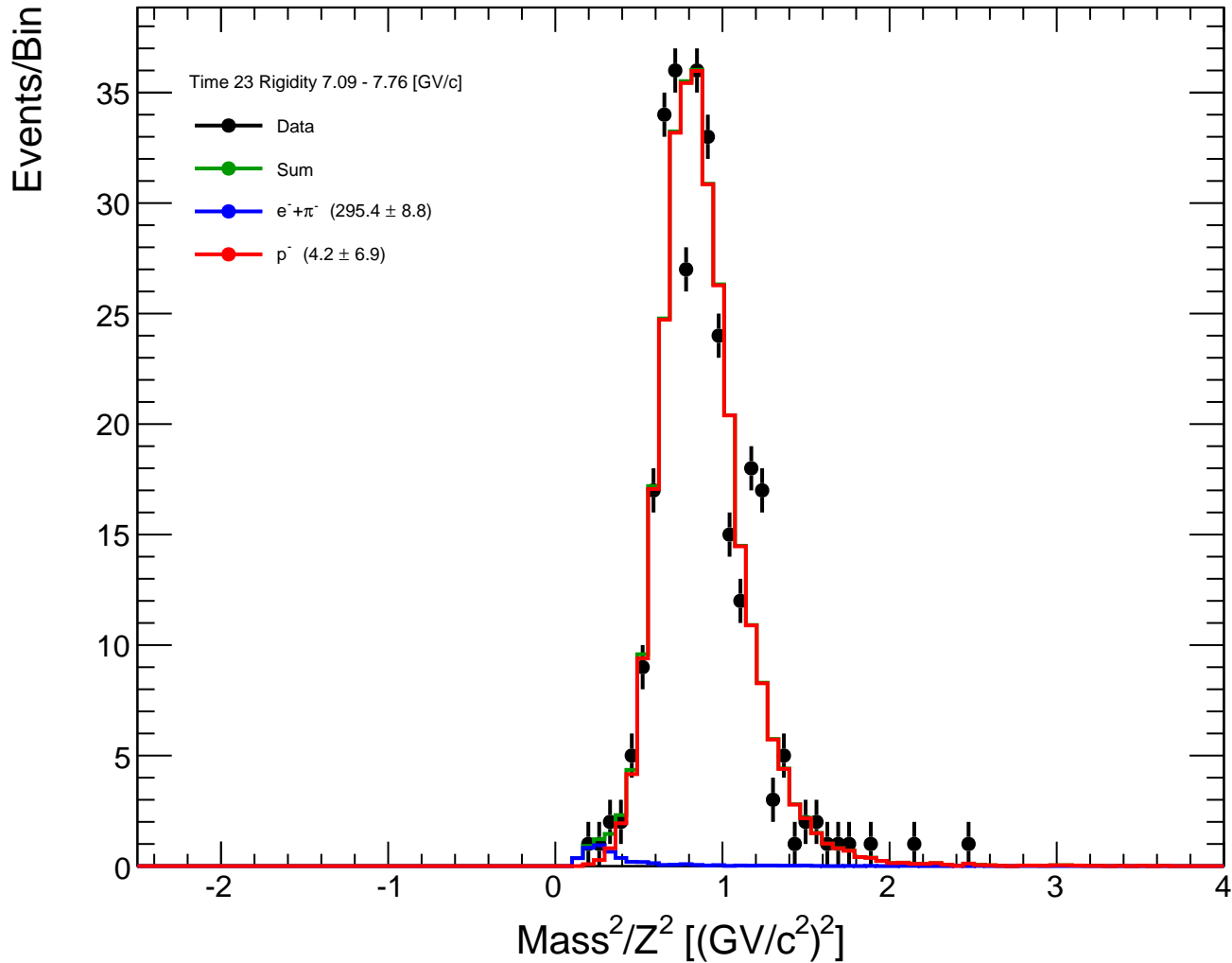


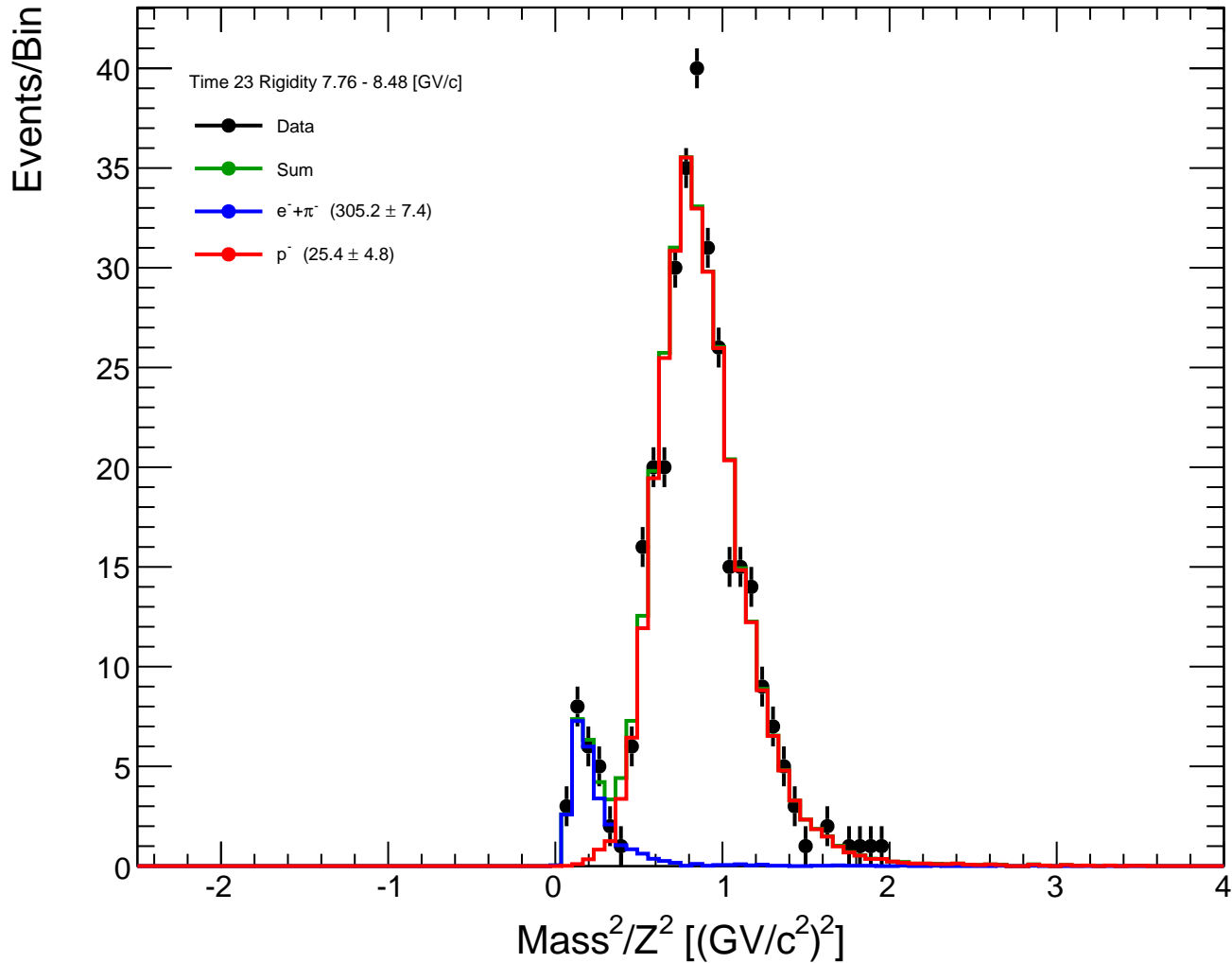




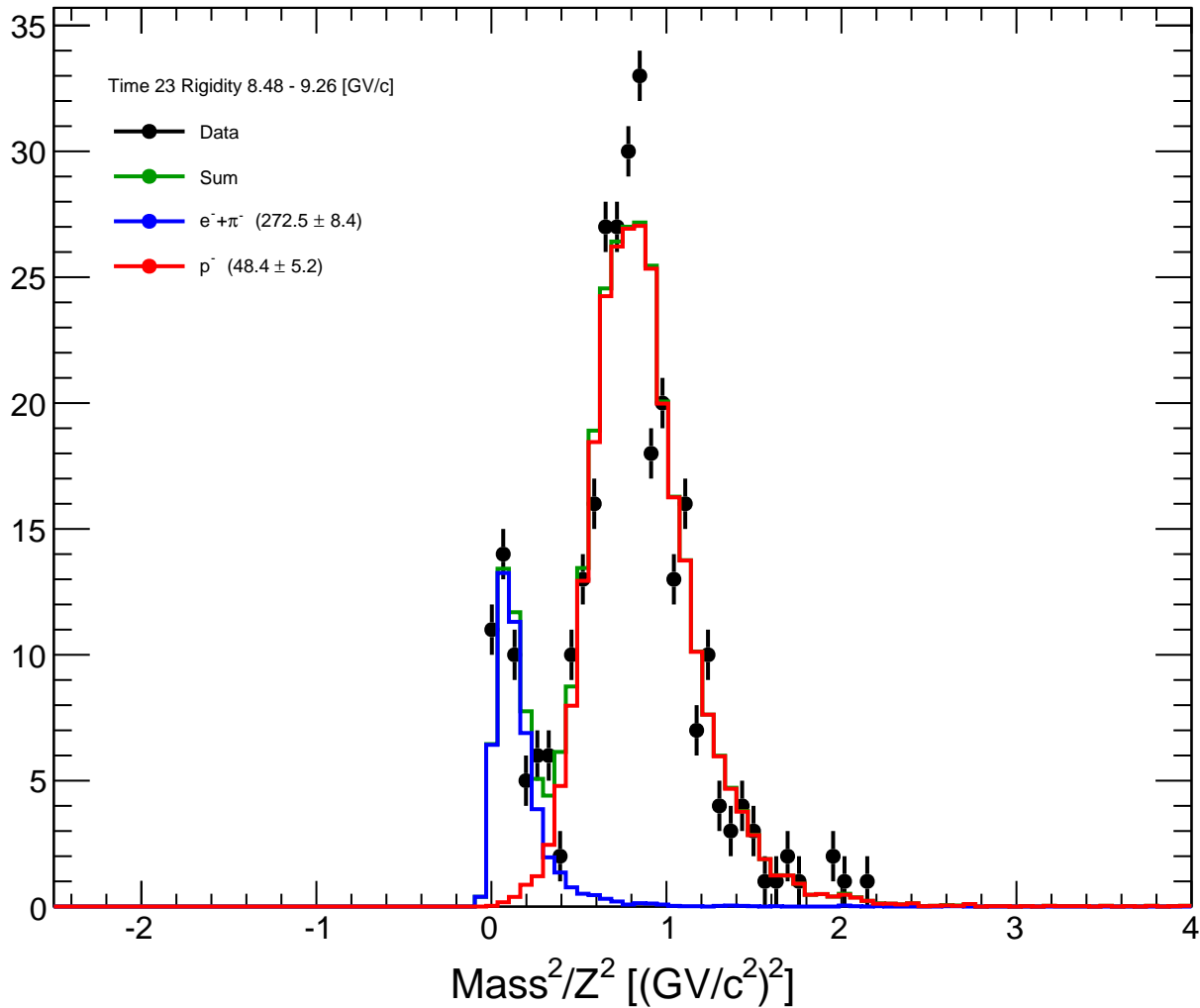




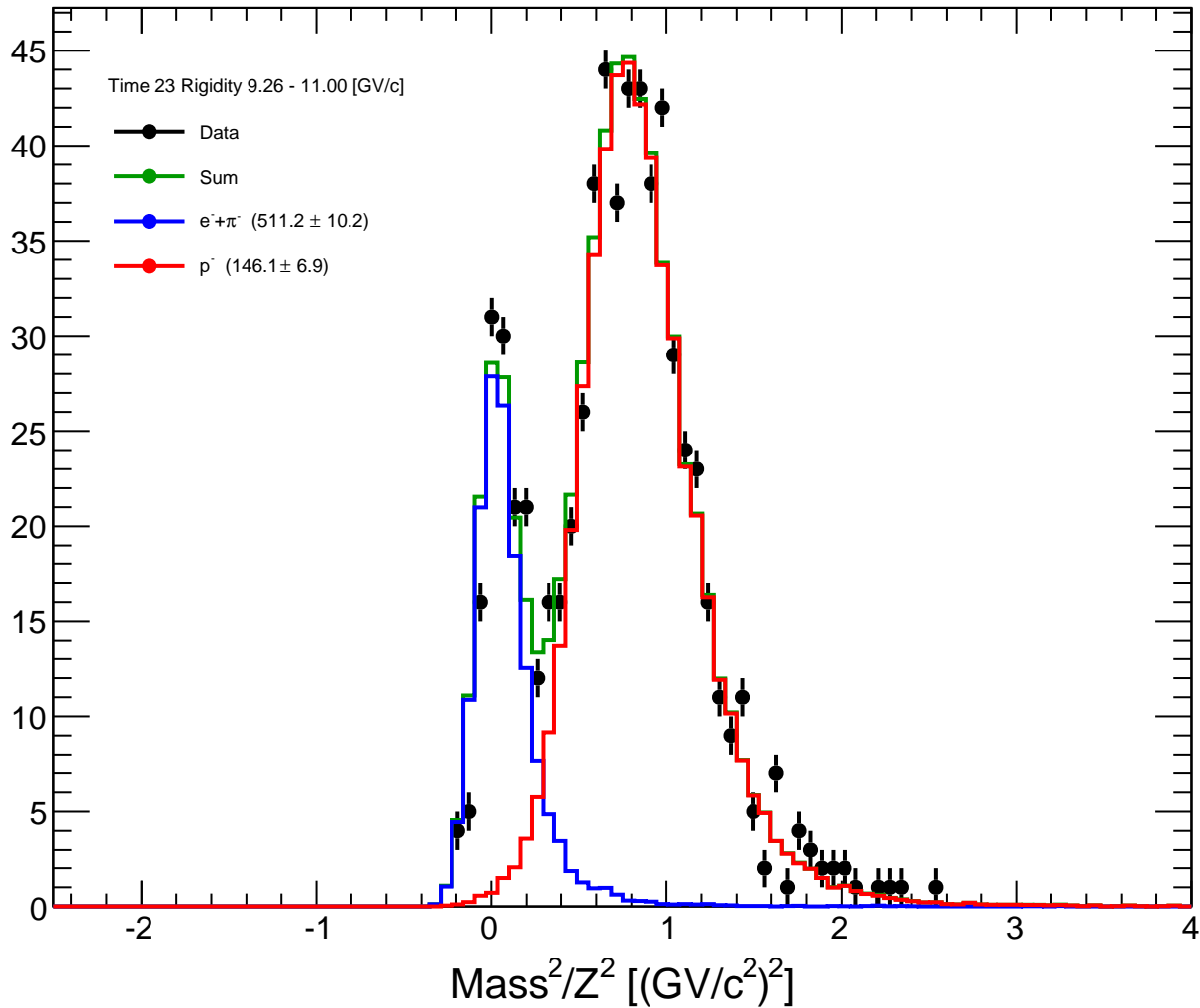




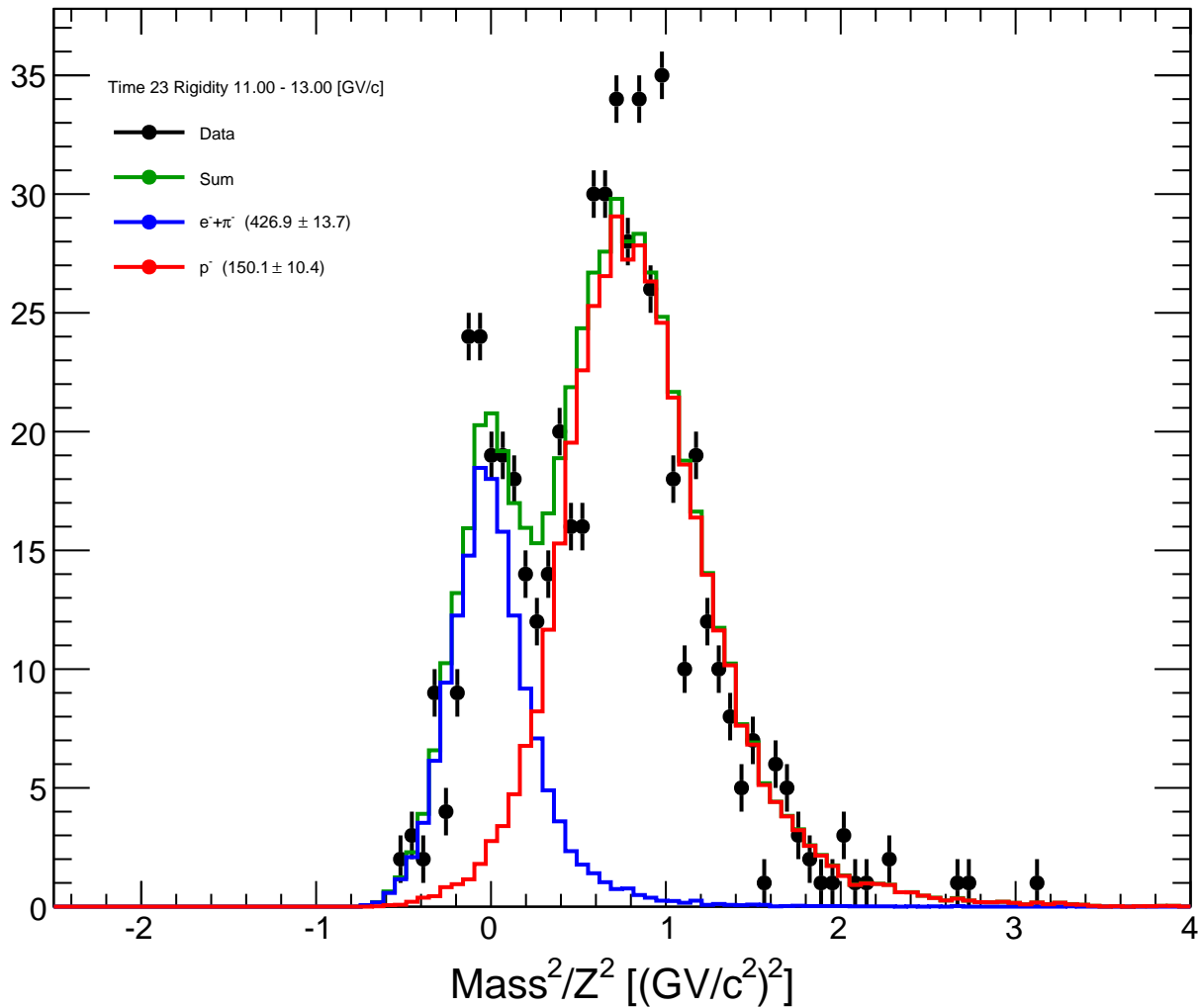
Events/Bin

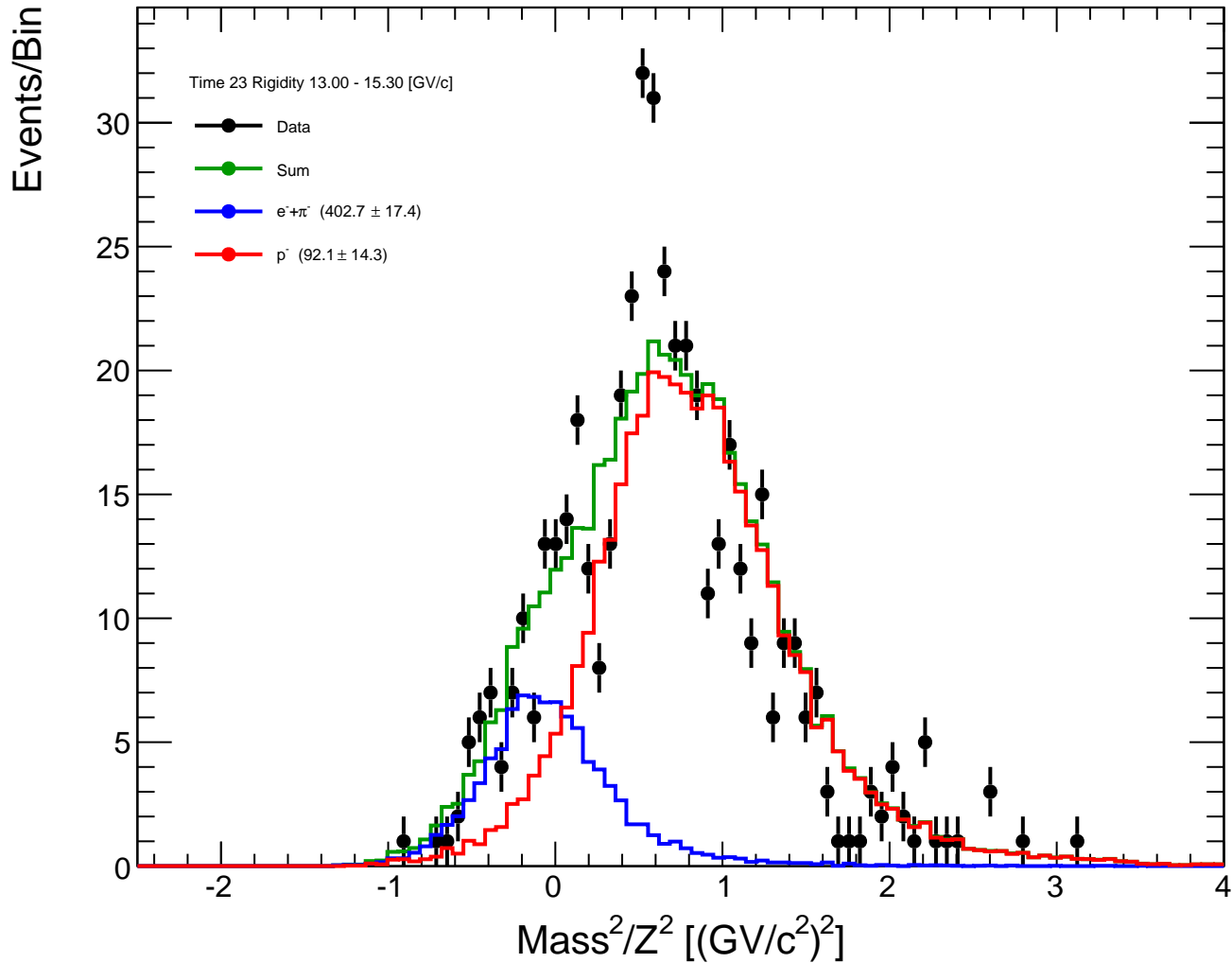


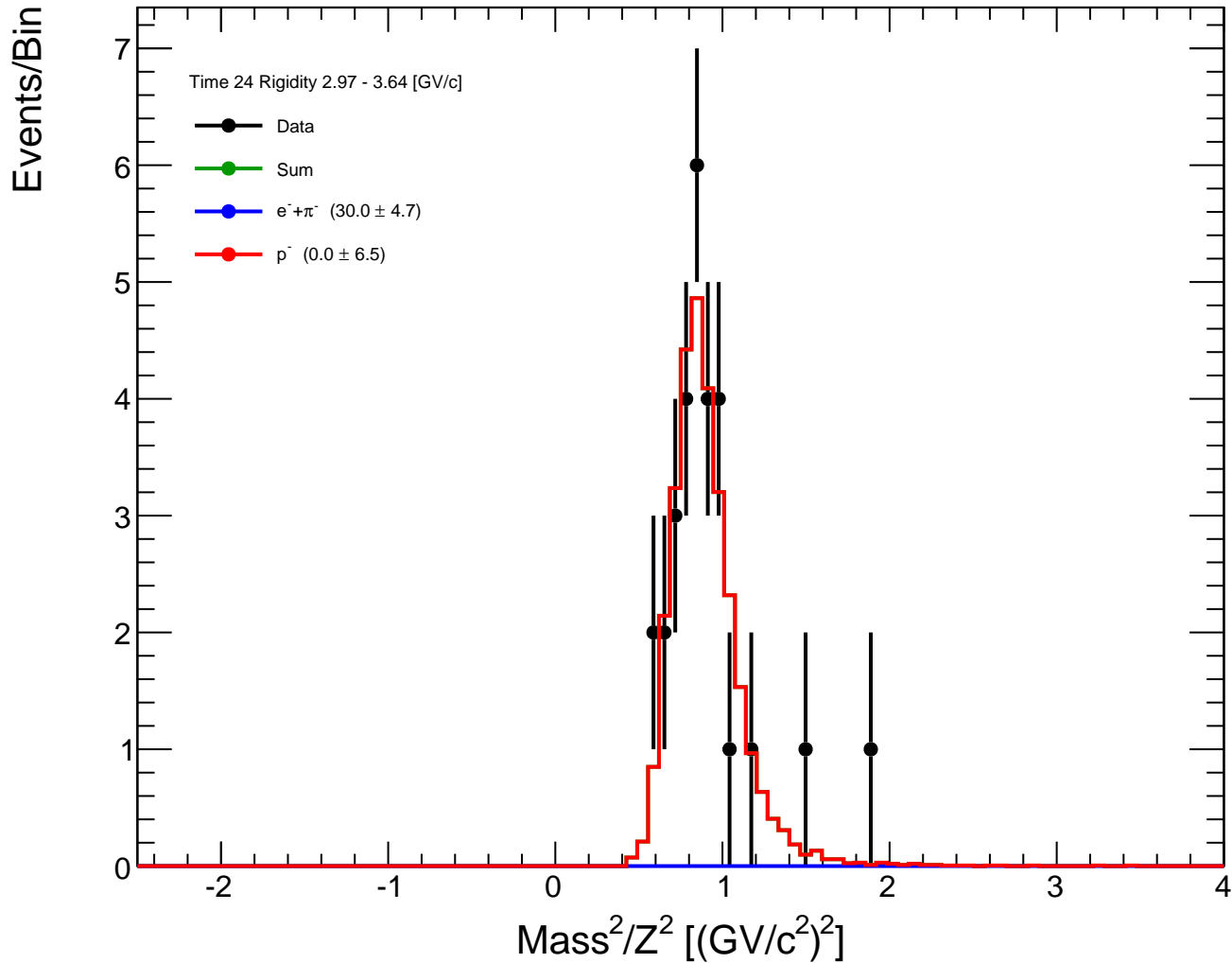
Events/Bin

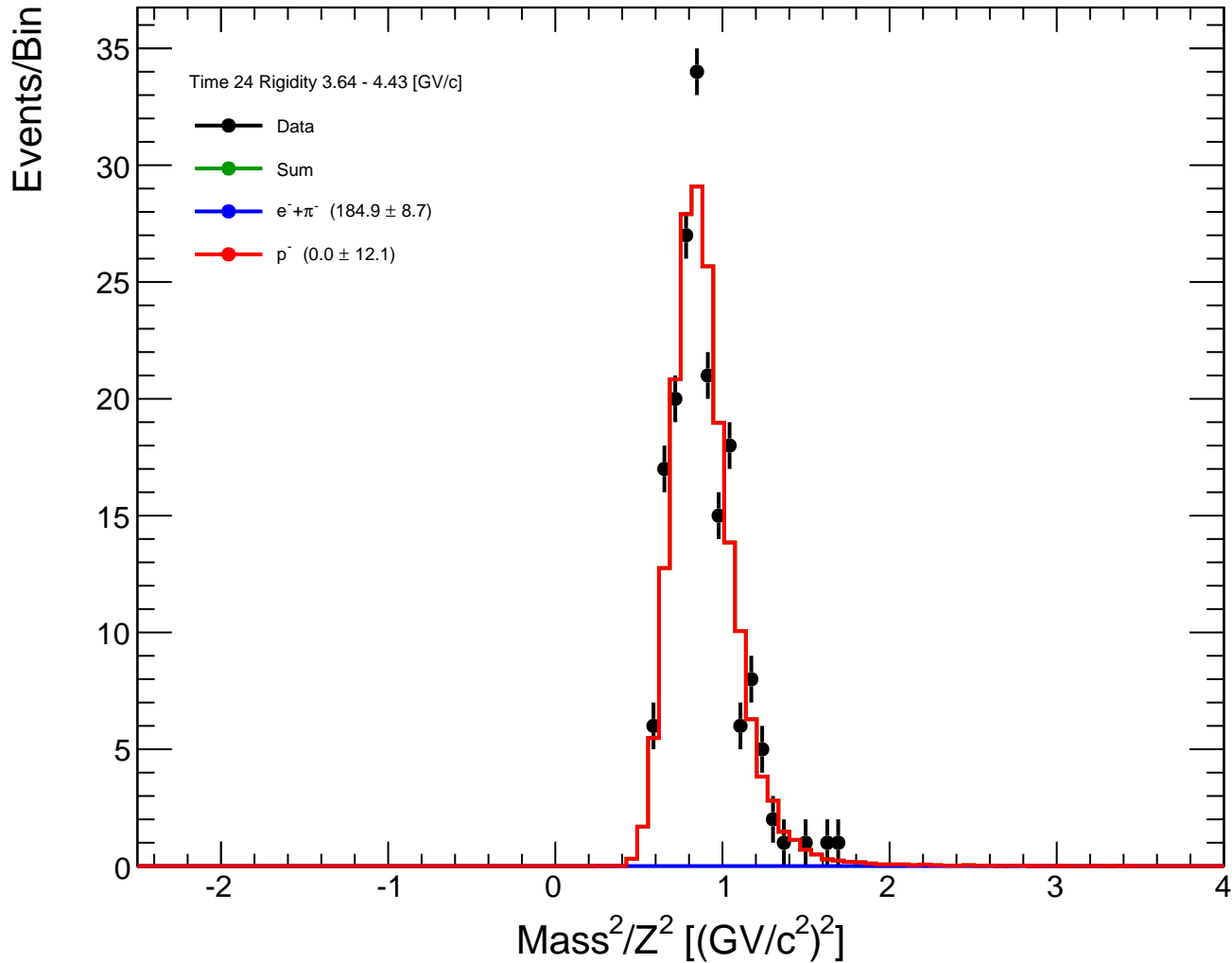


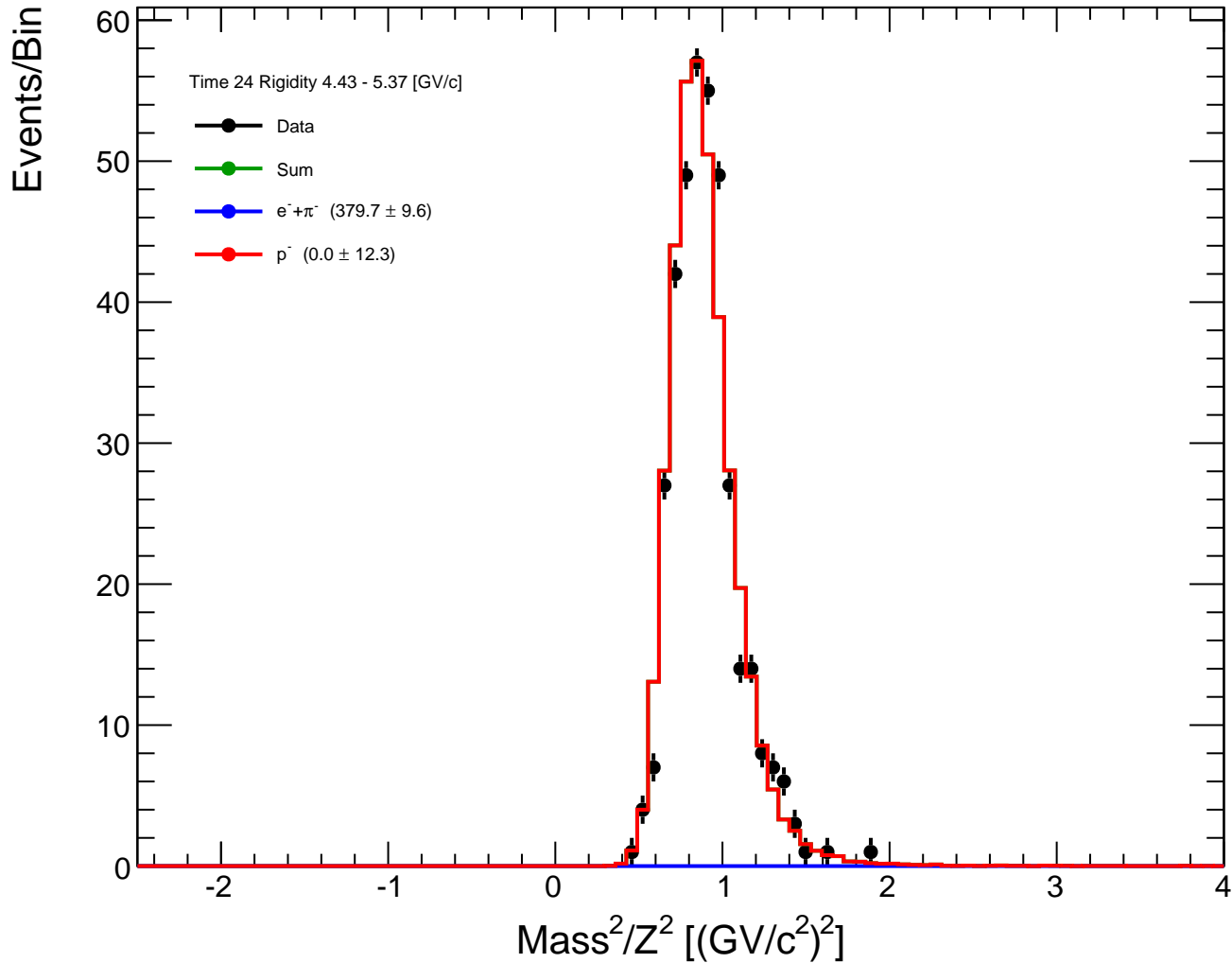
Events/Bin

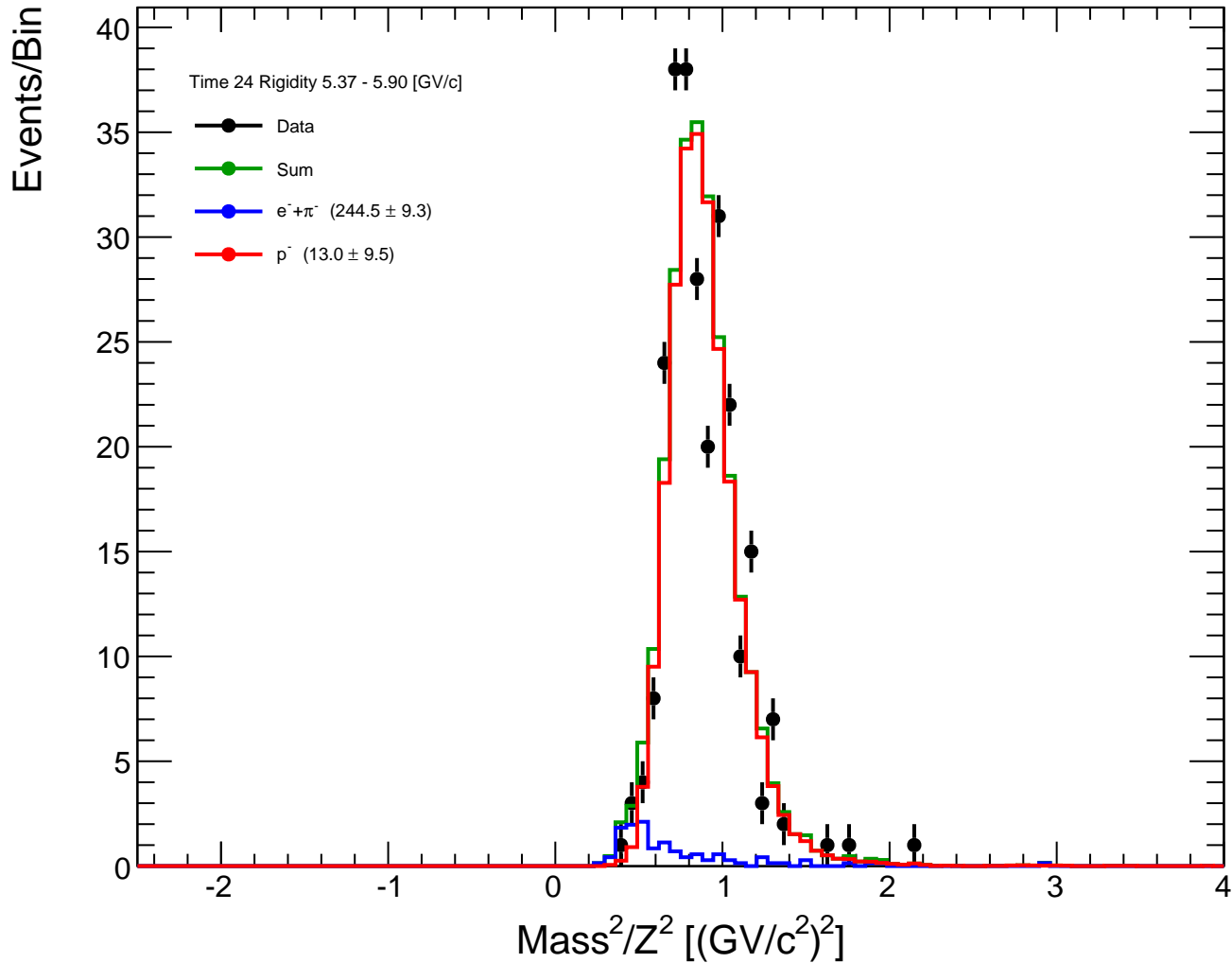


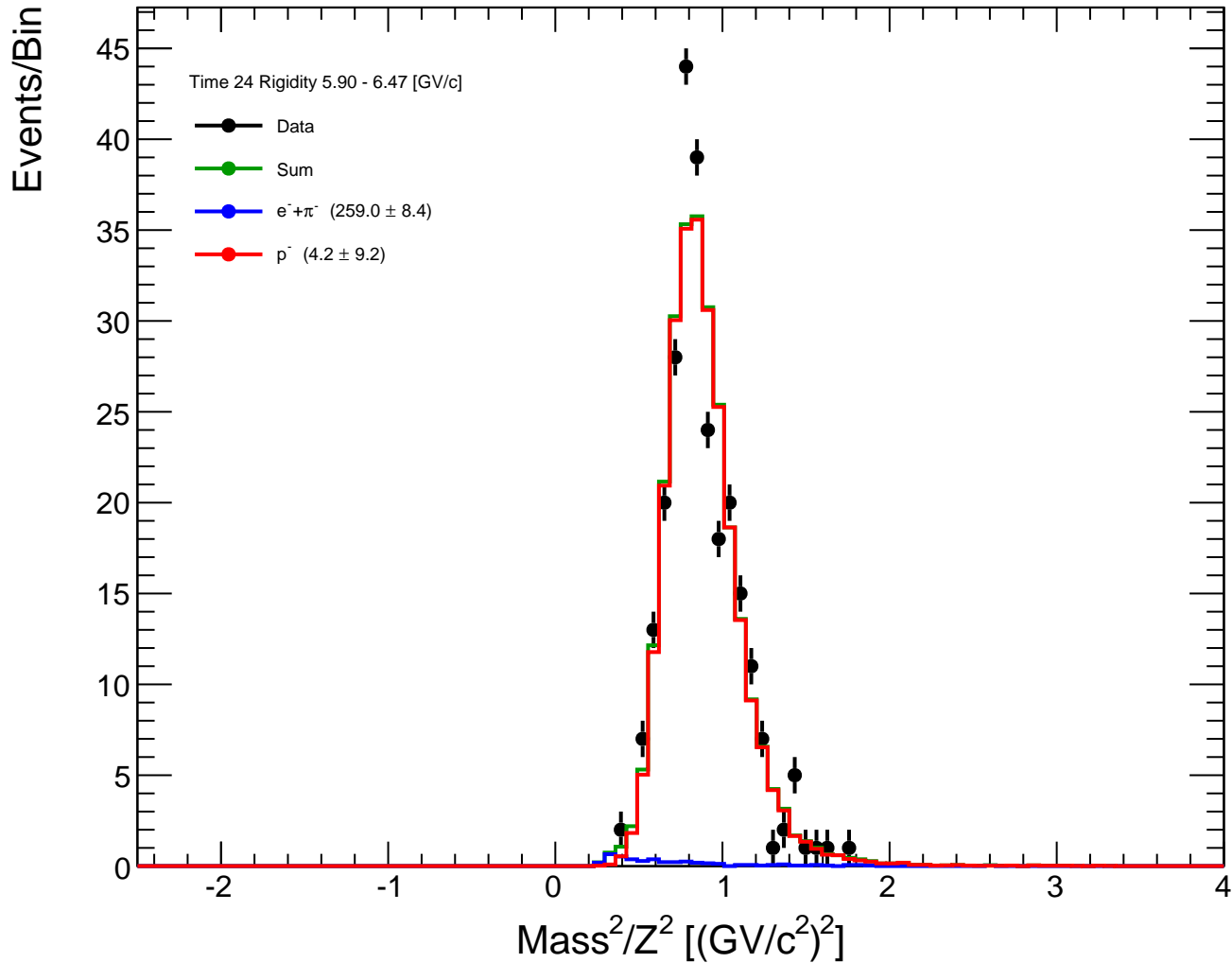


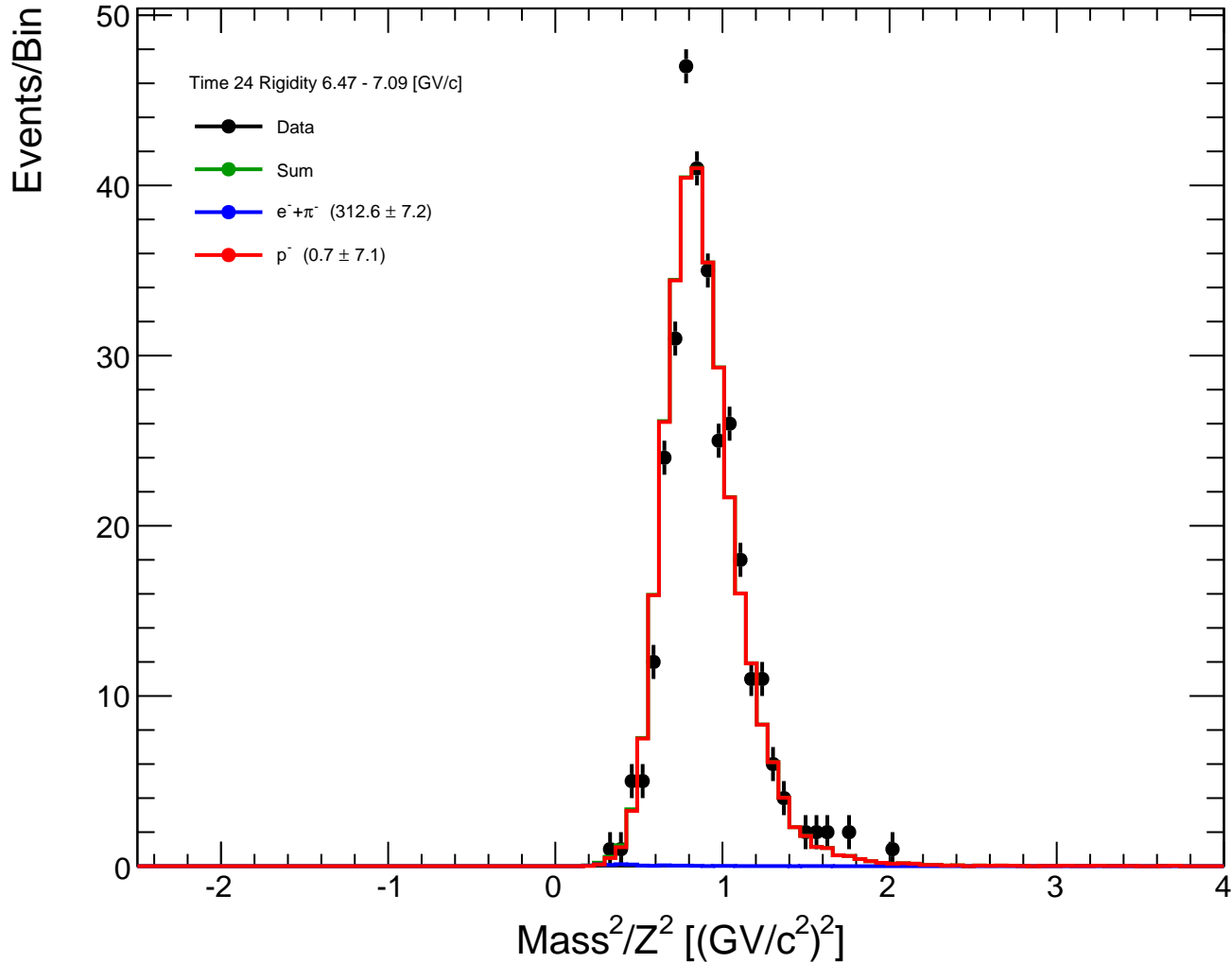


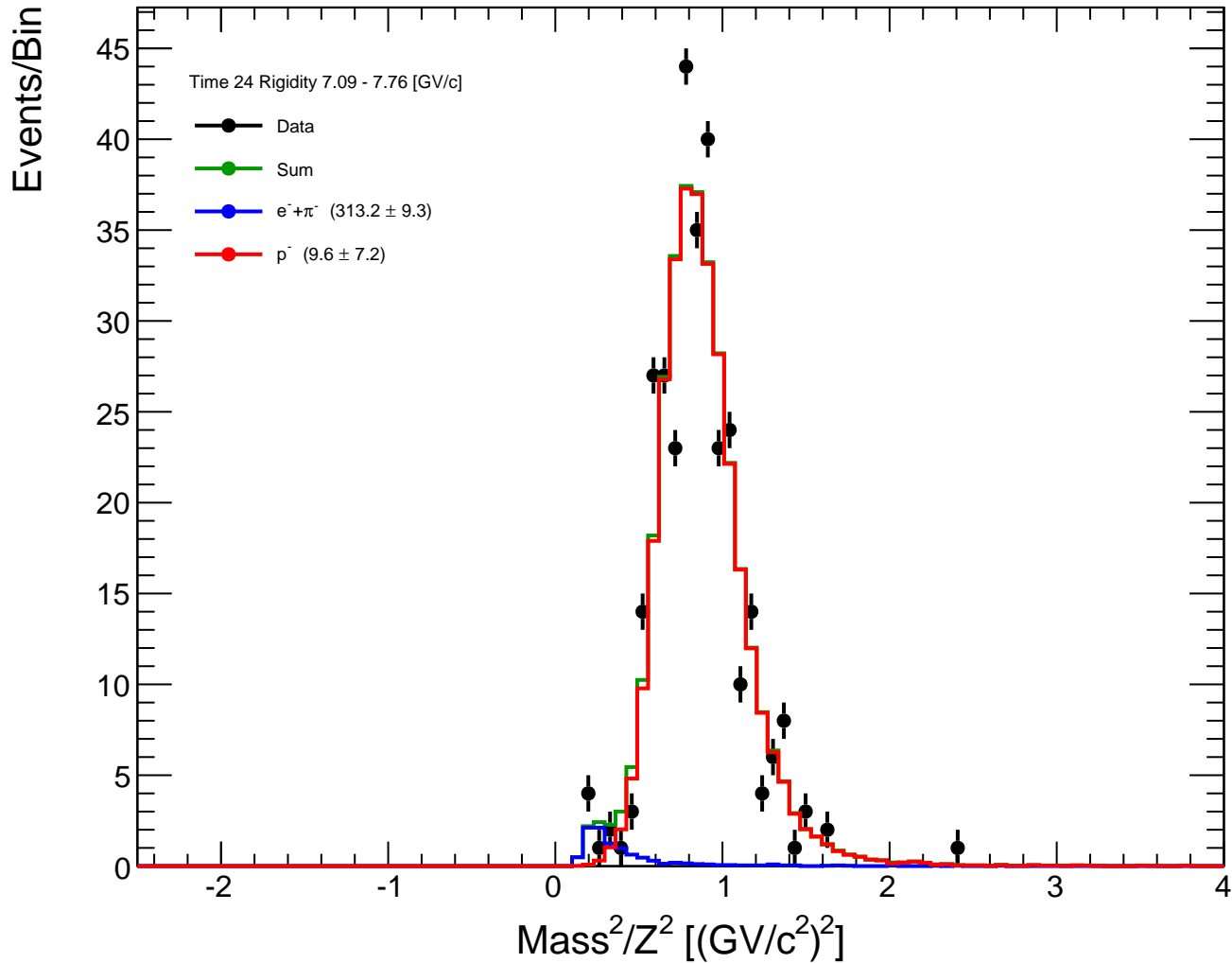


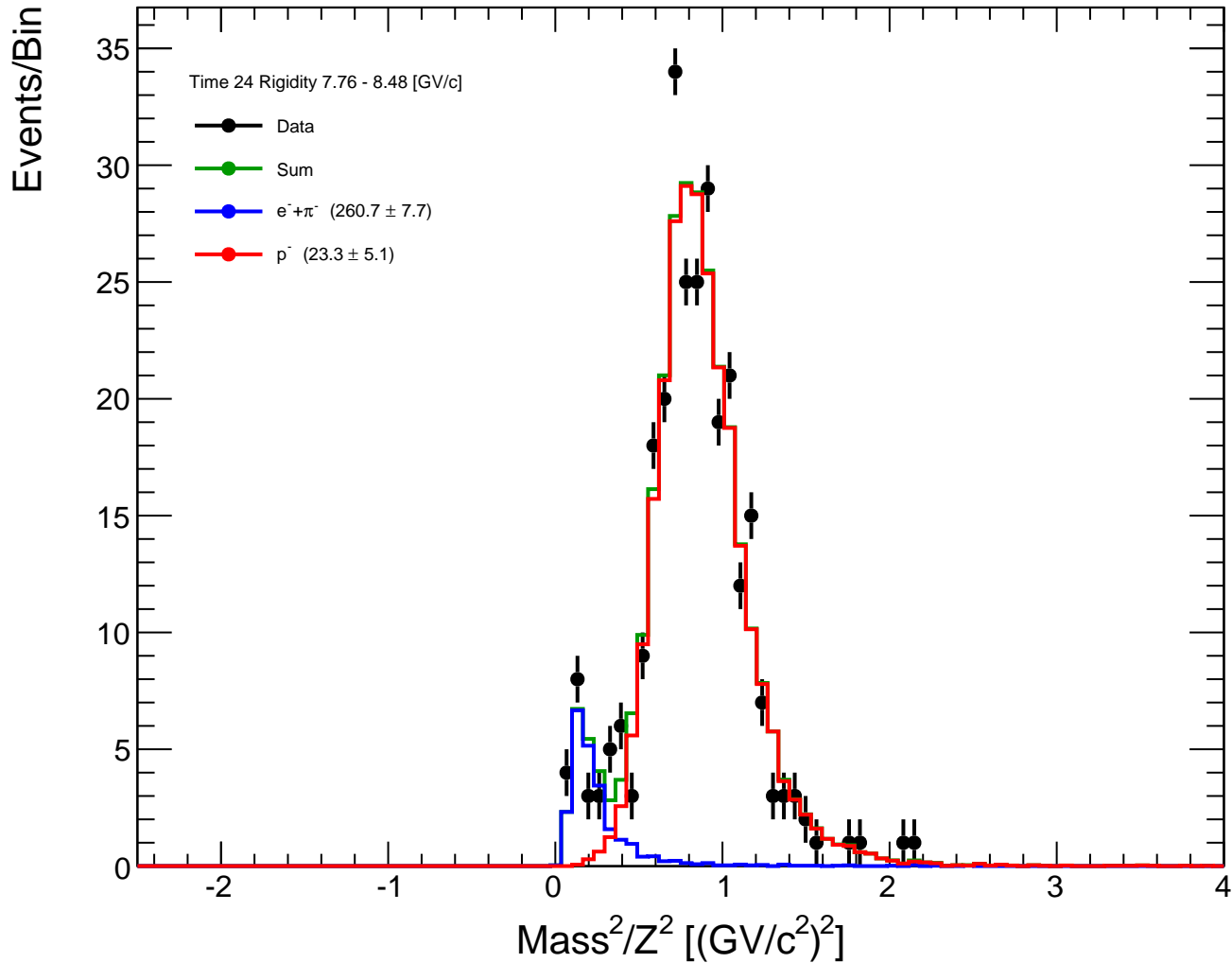




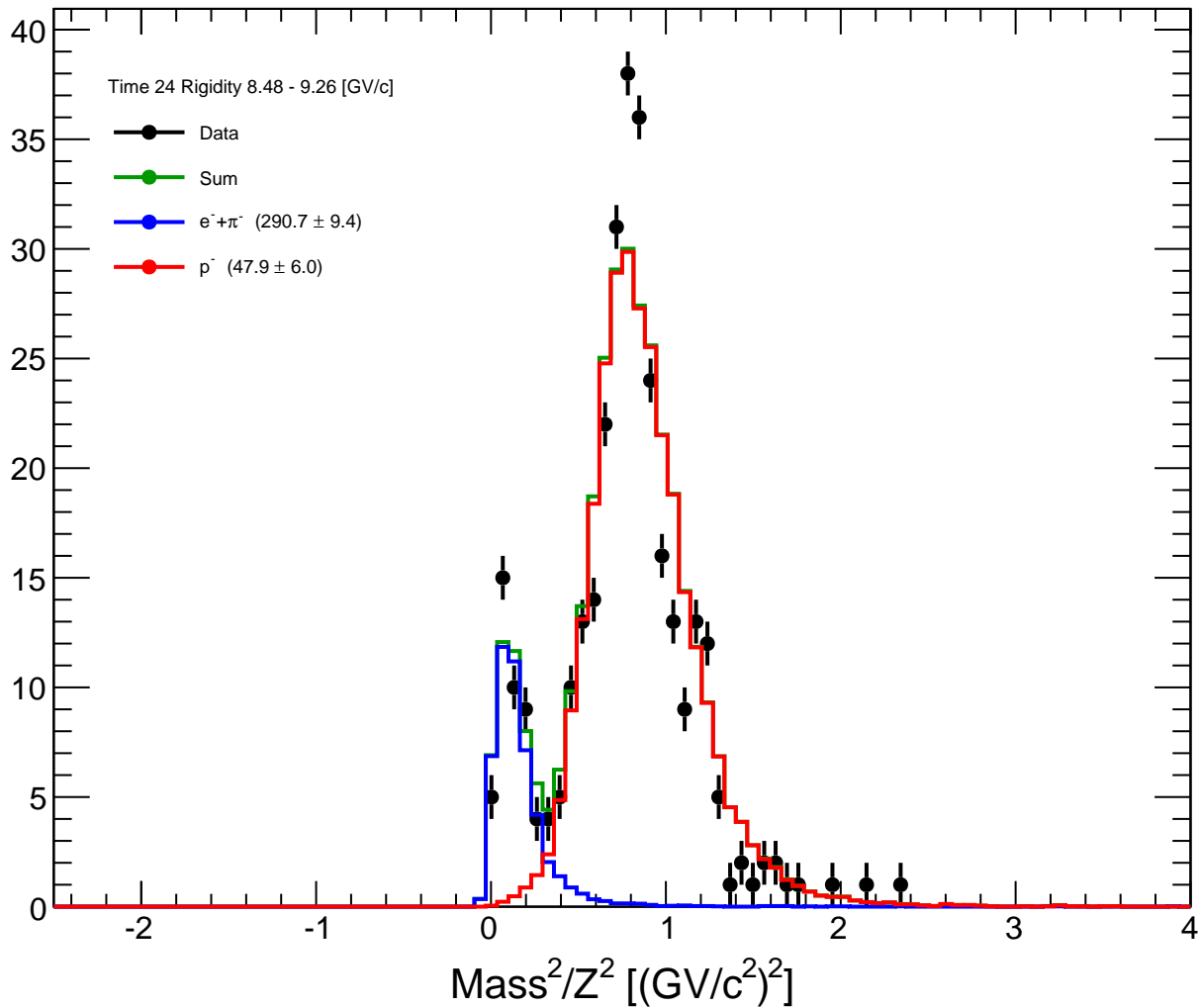


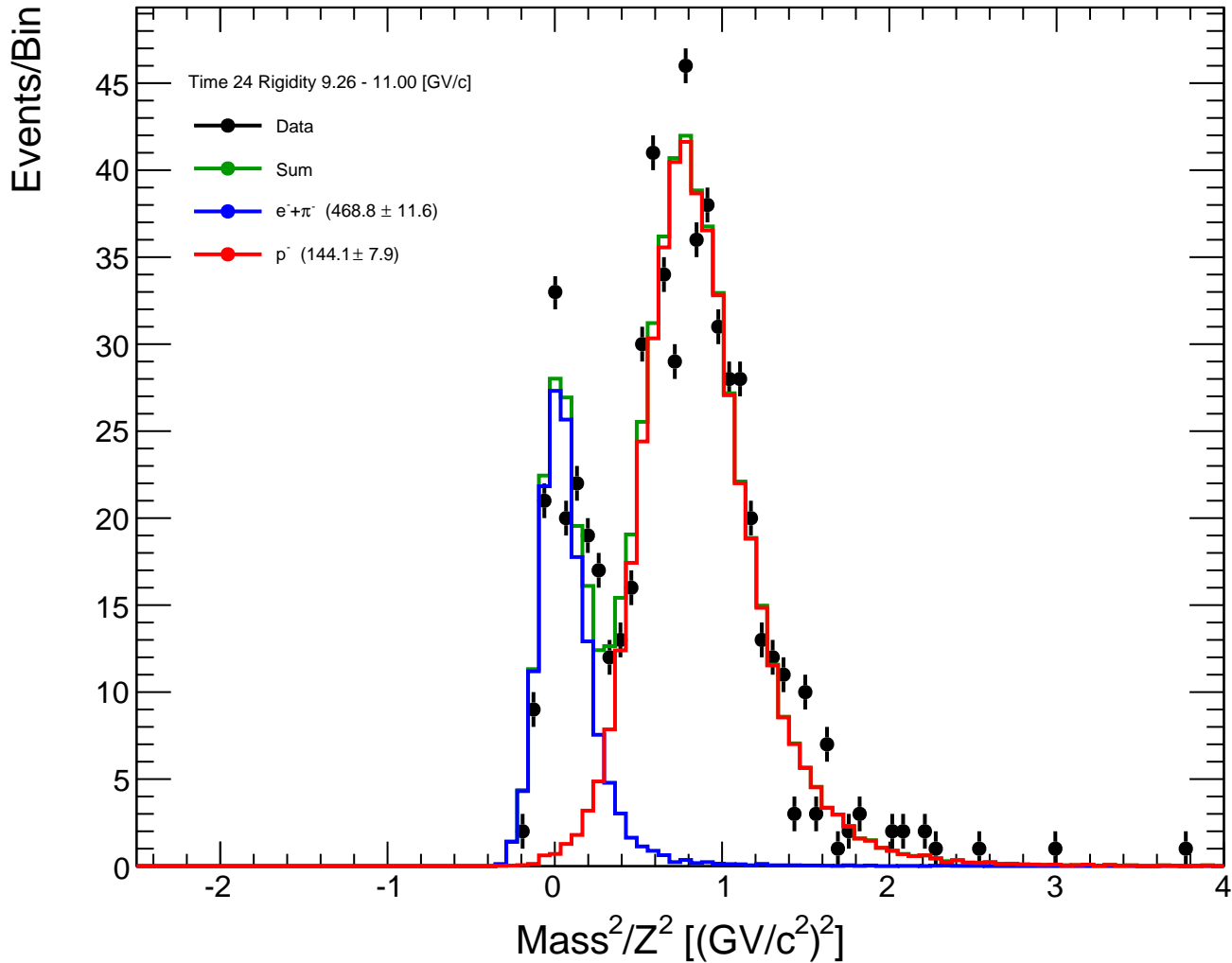


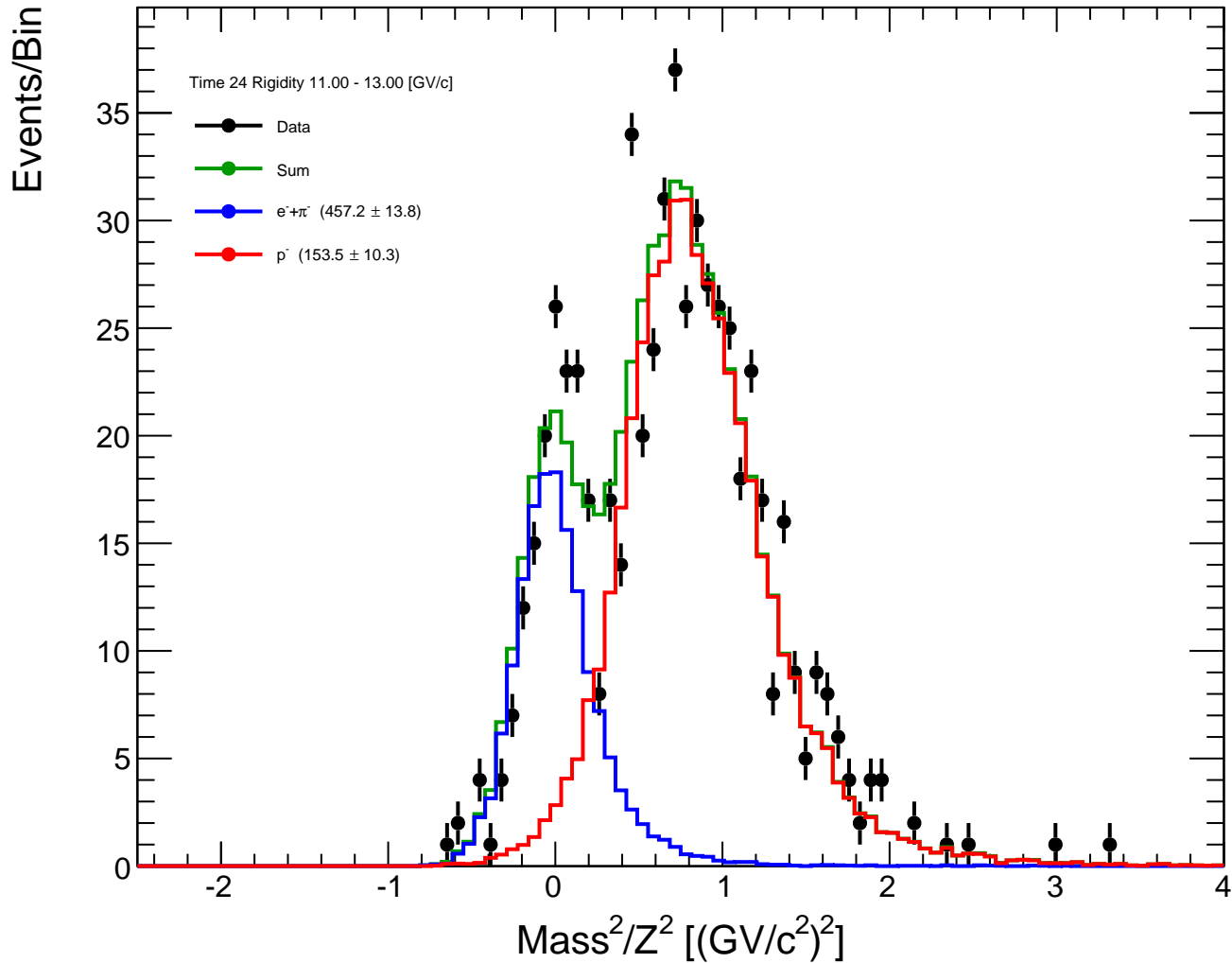




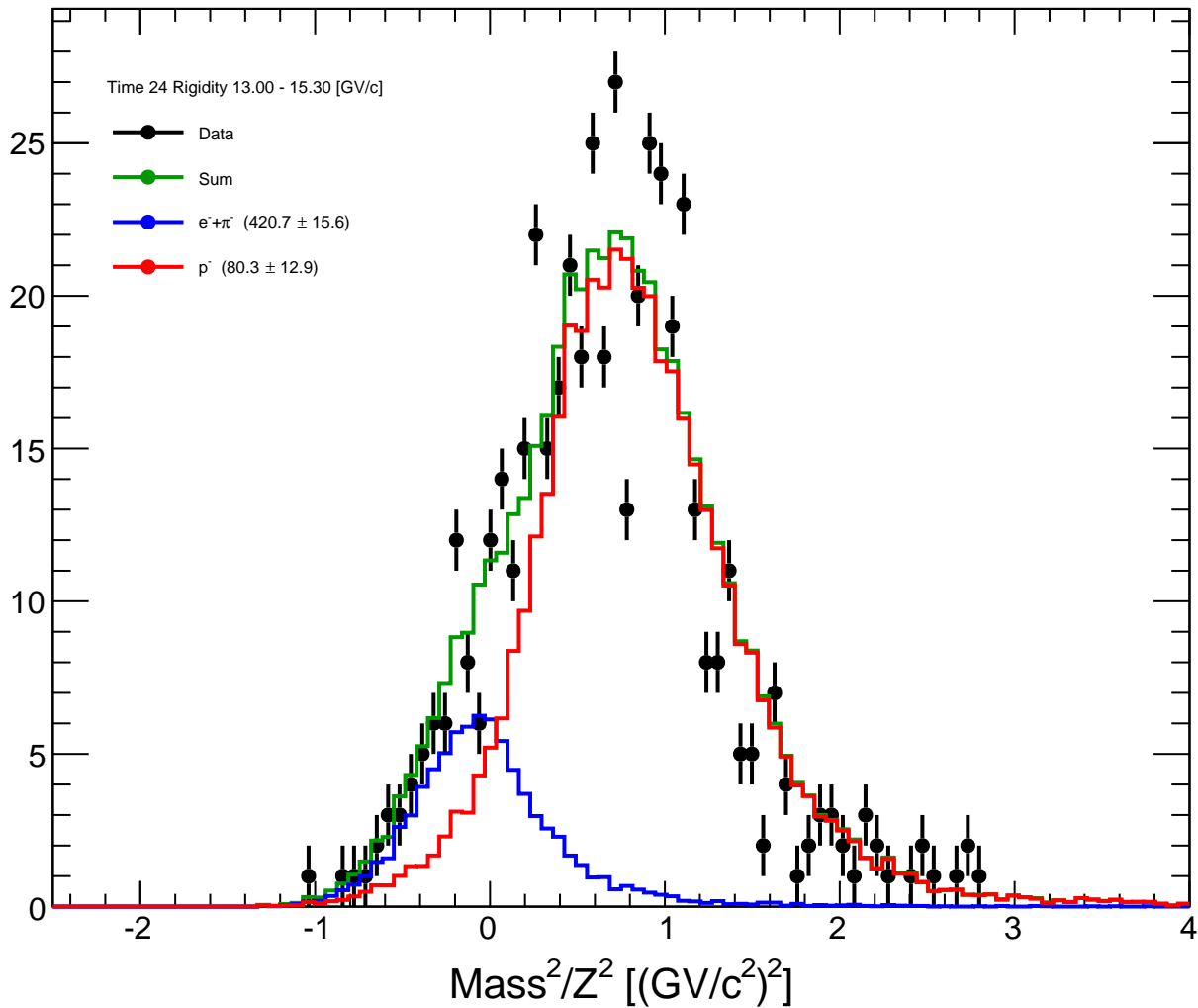
Events/Bin

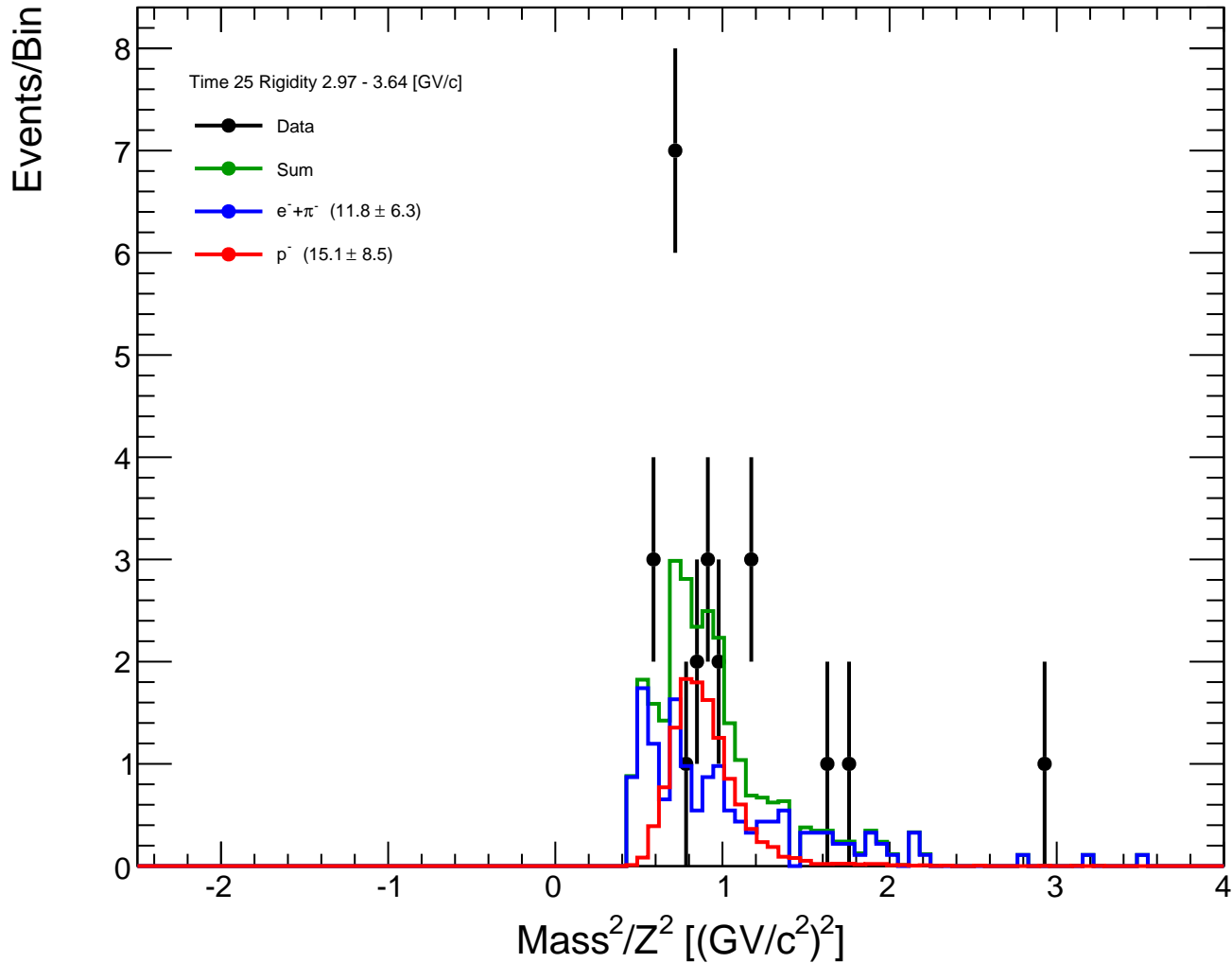


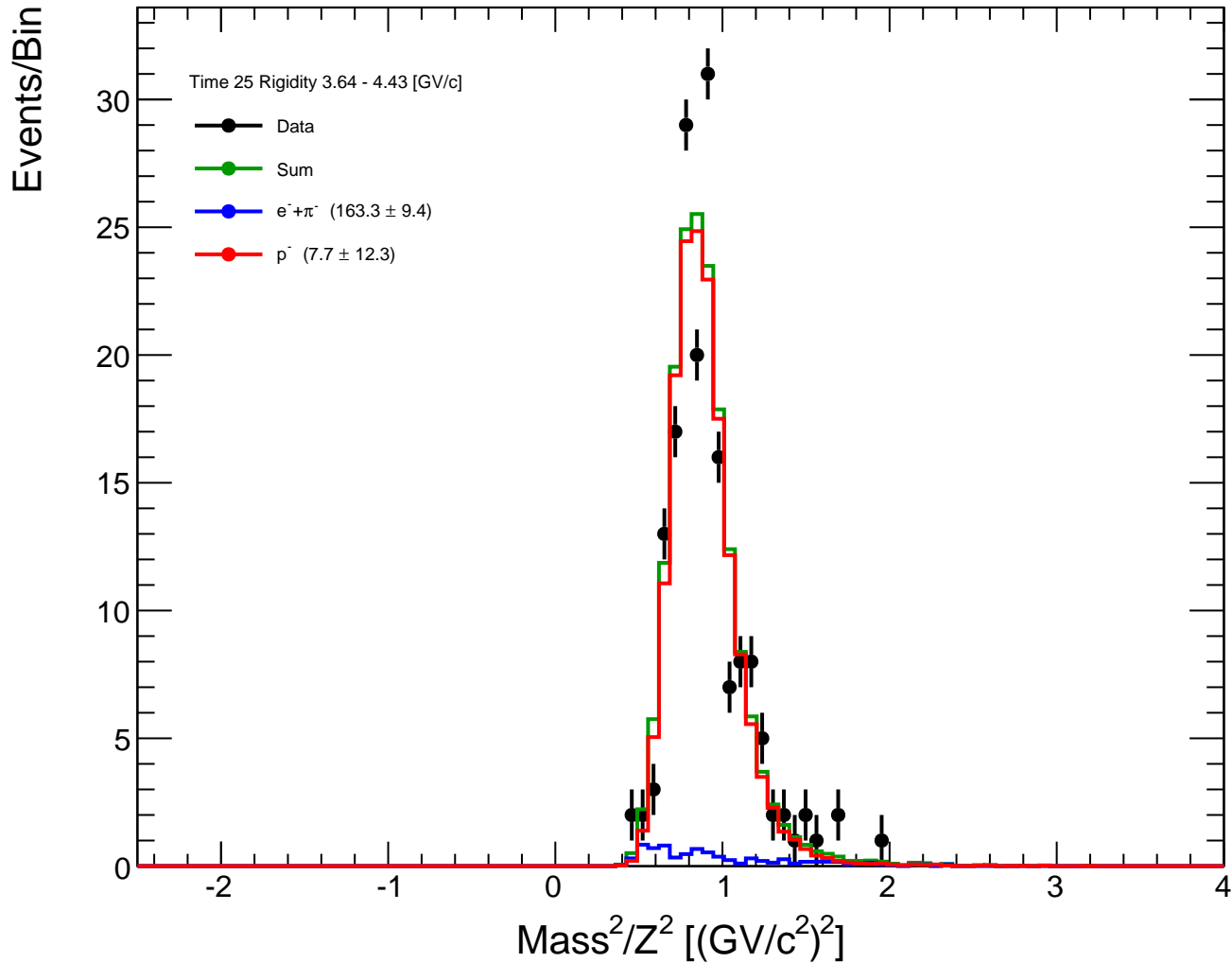


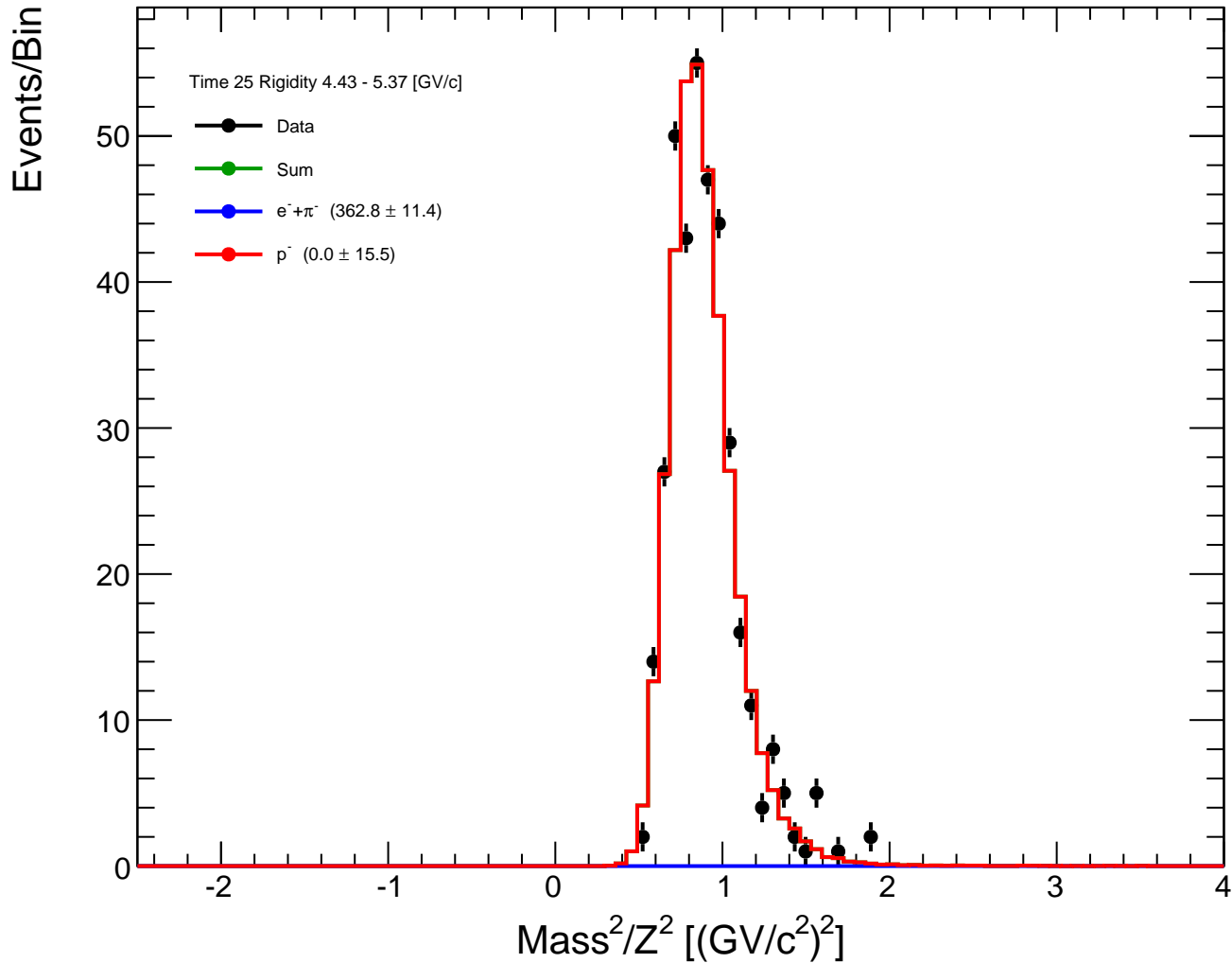


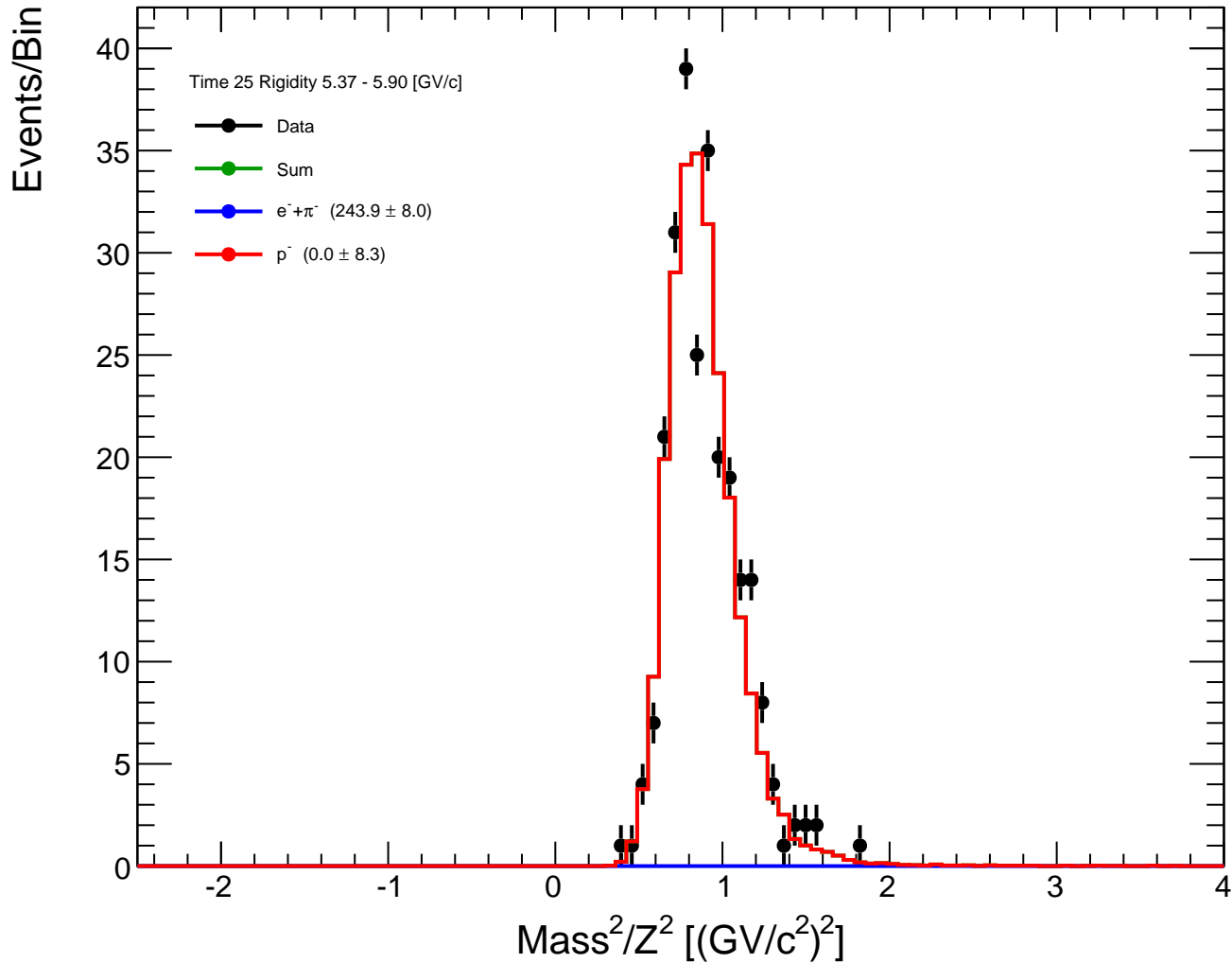
Events/Bin

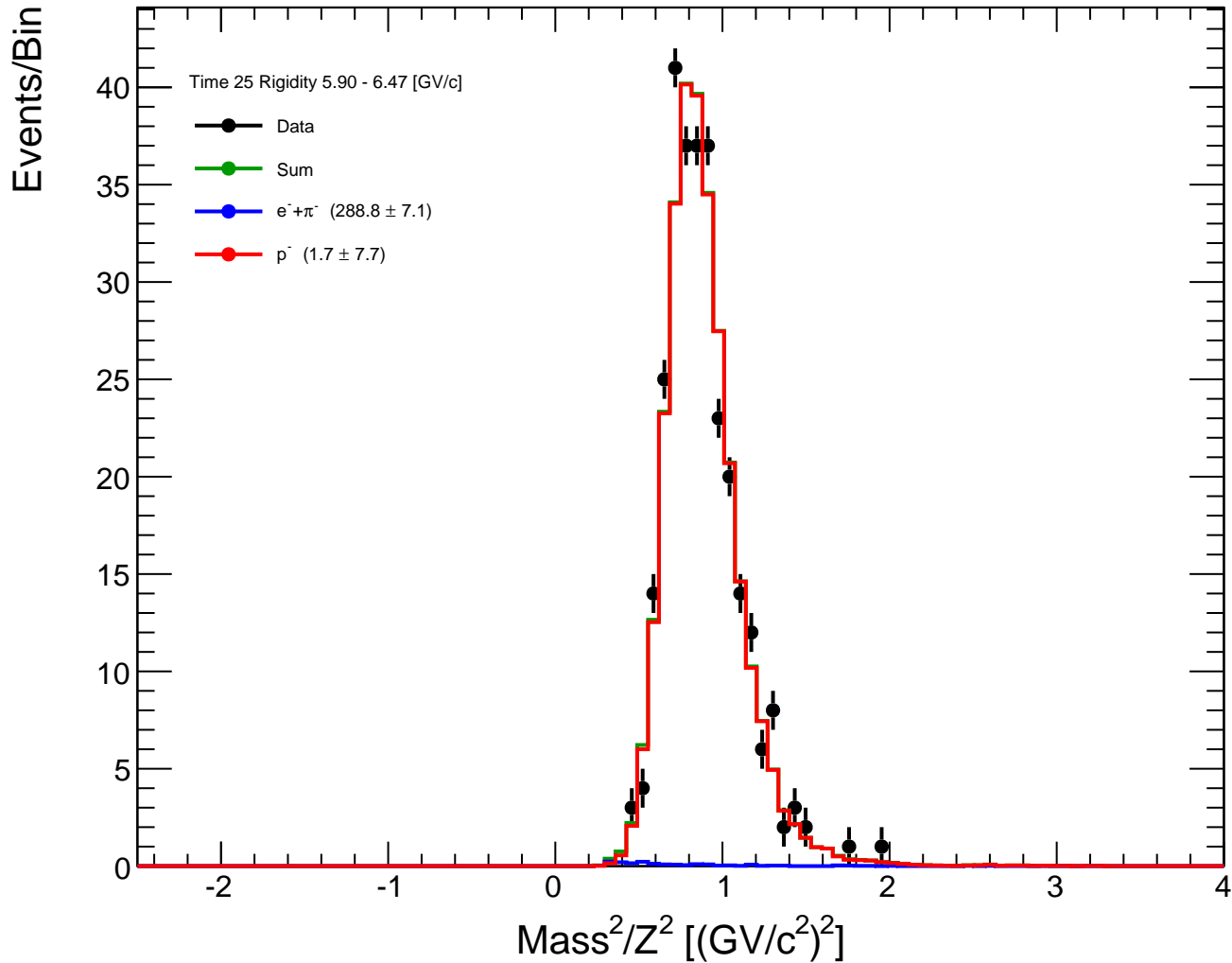




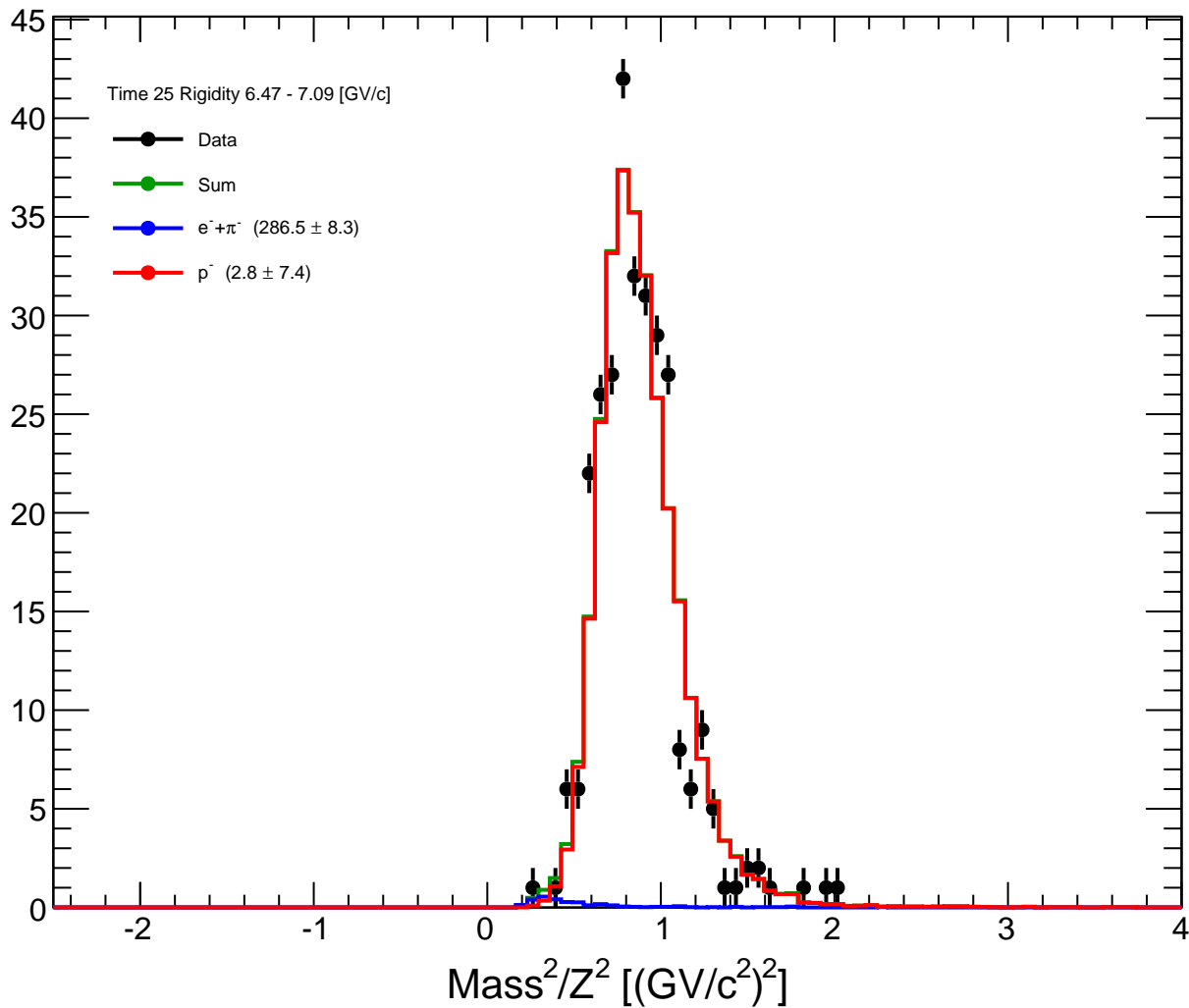




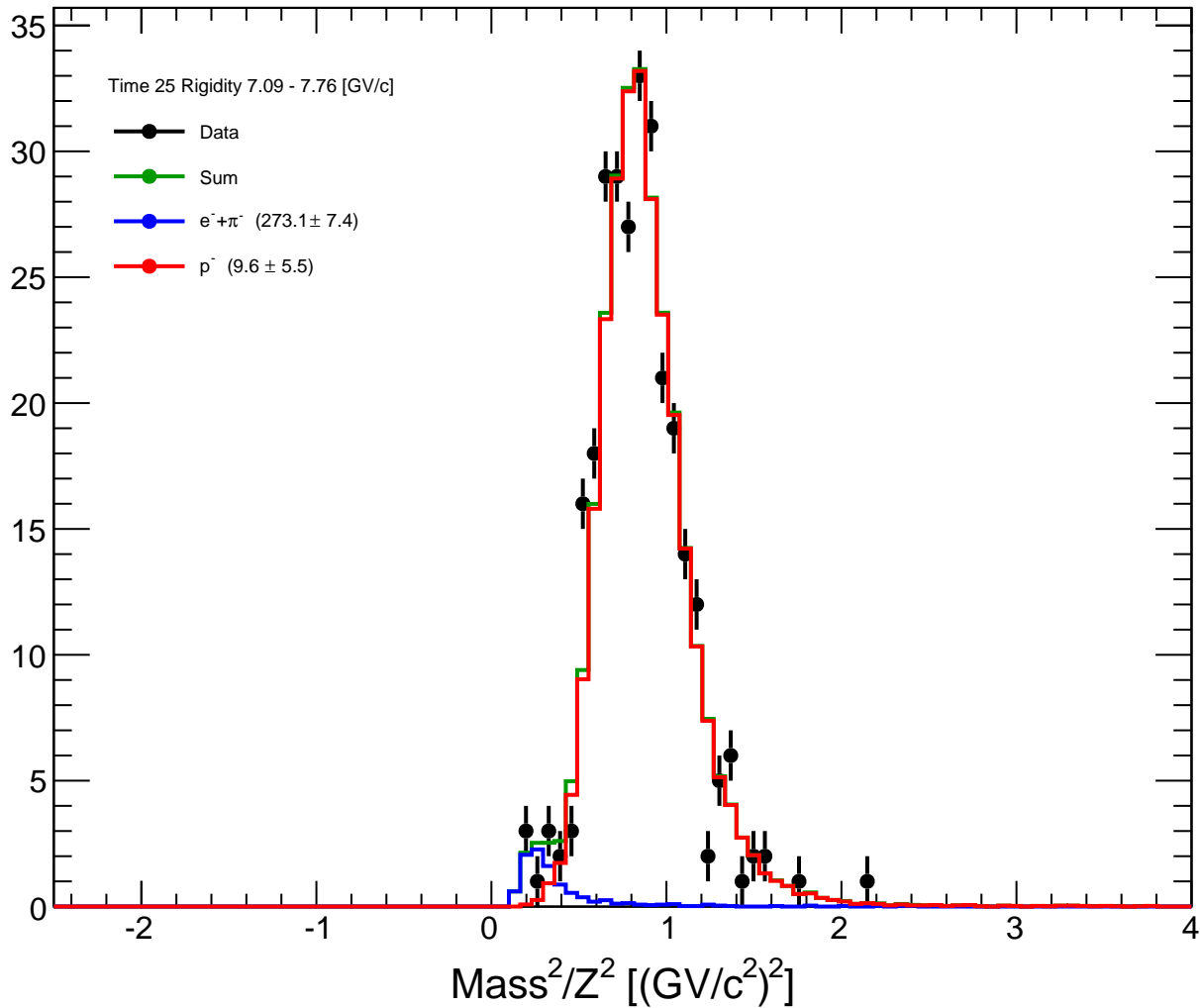


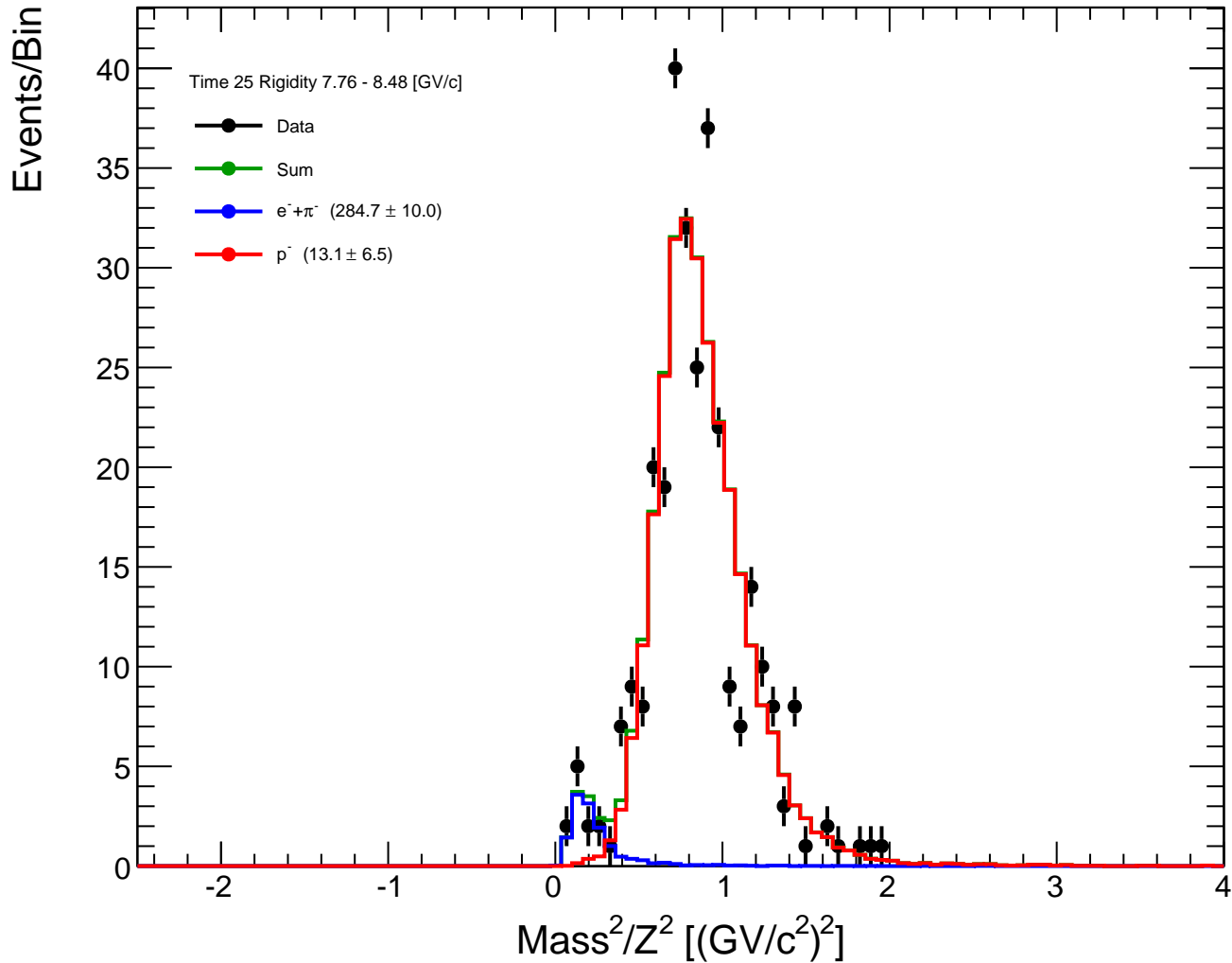


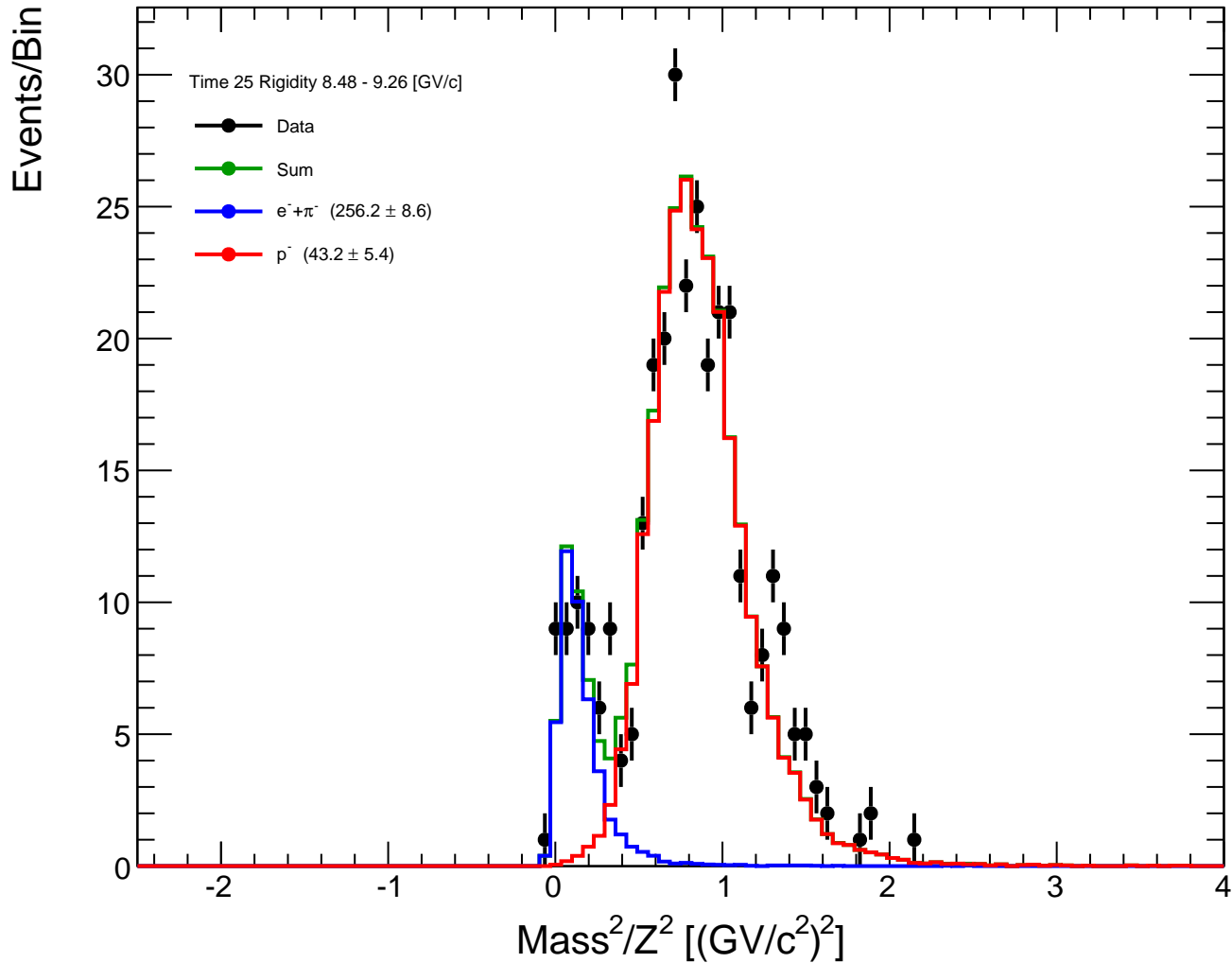
Events/Bin

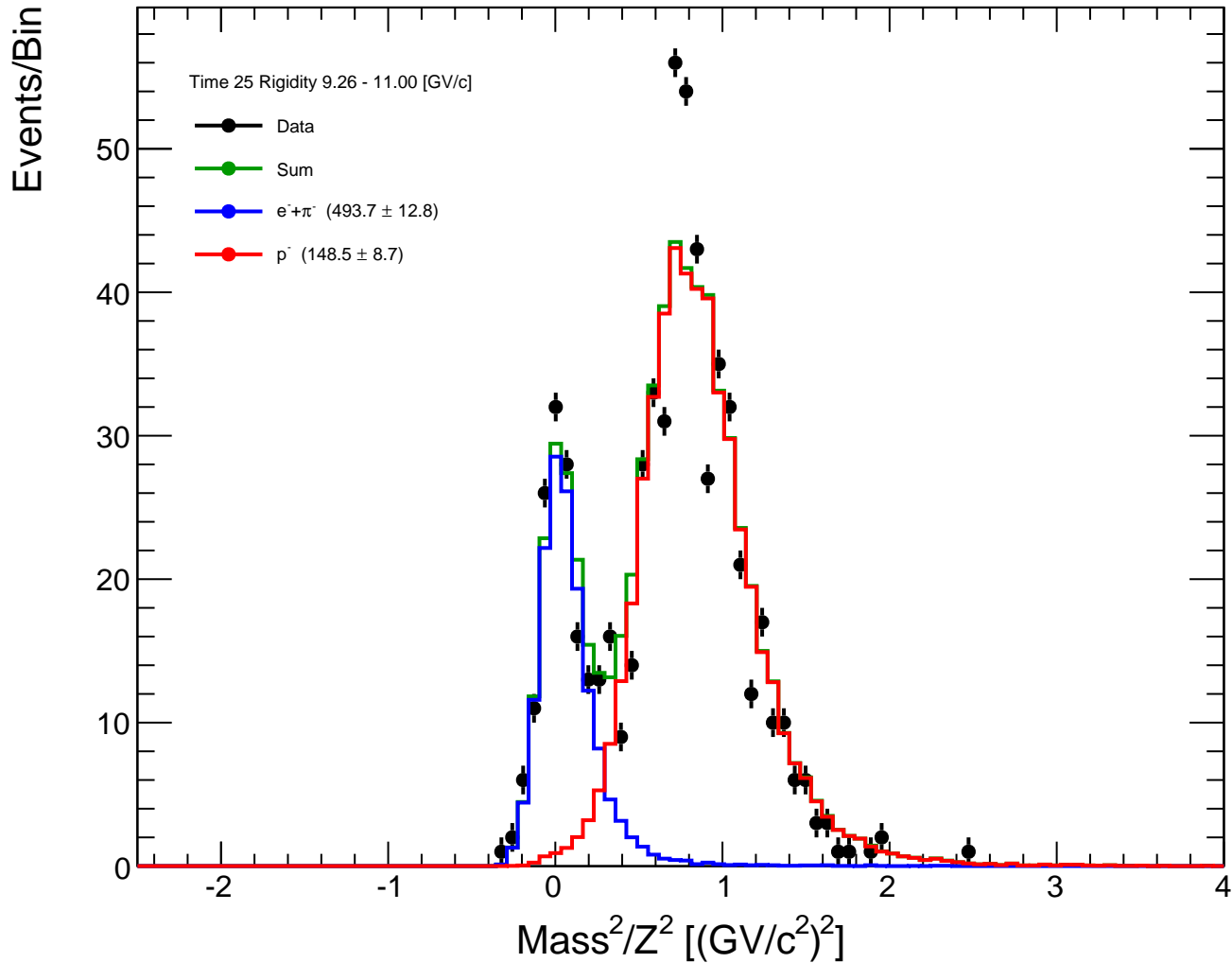


Events/Bin

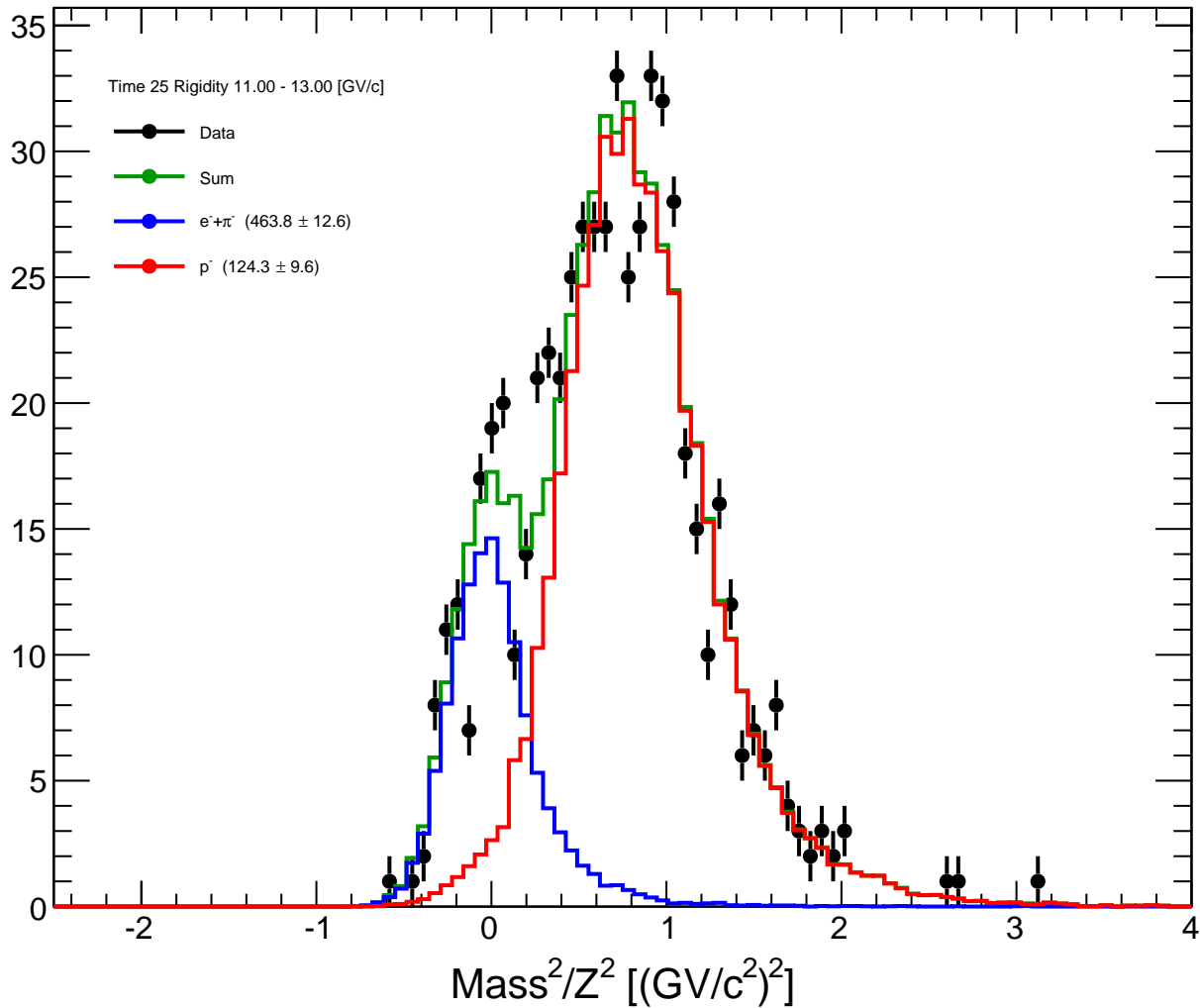




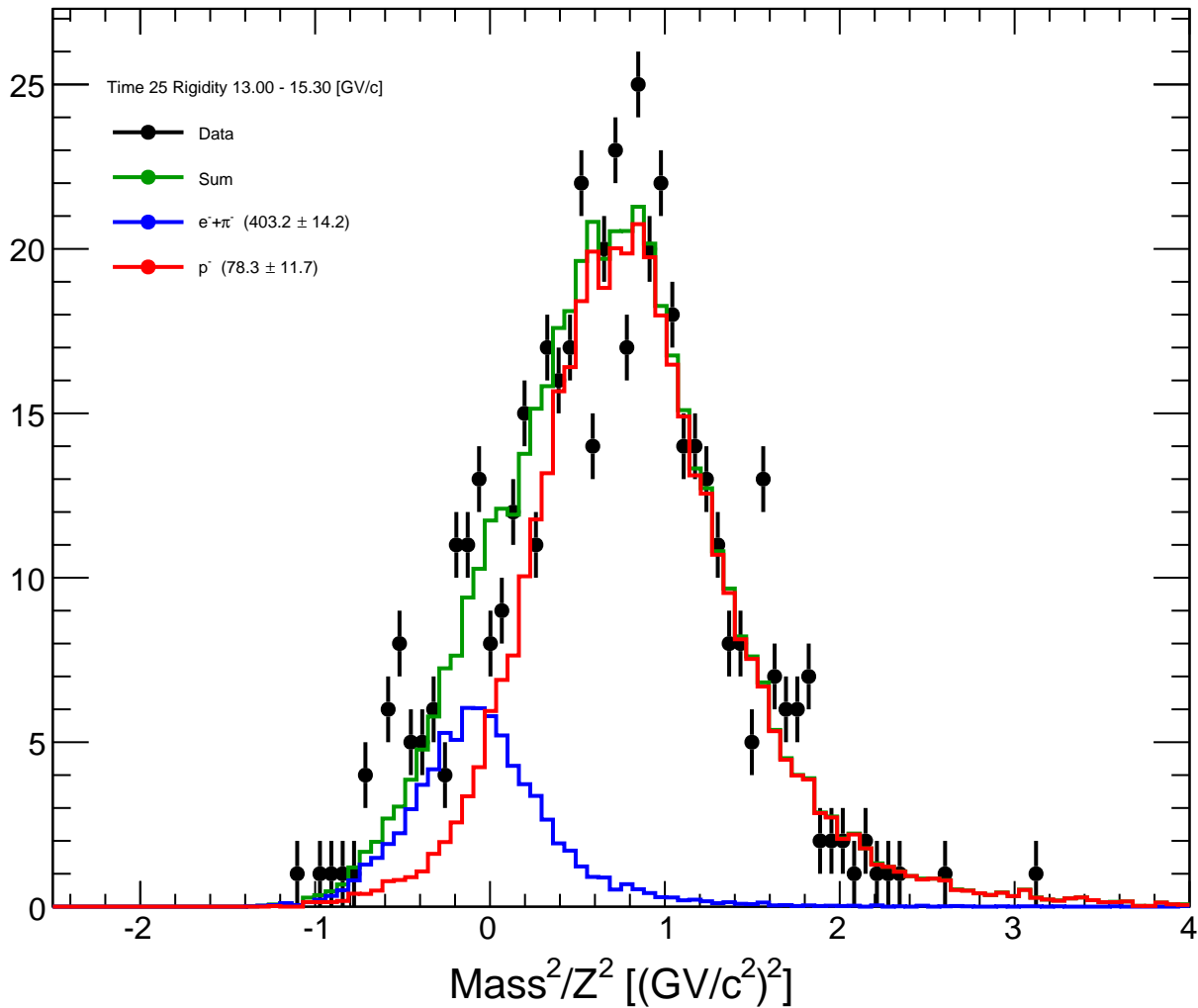


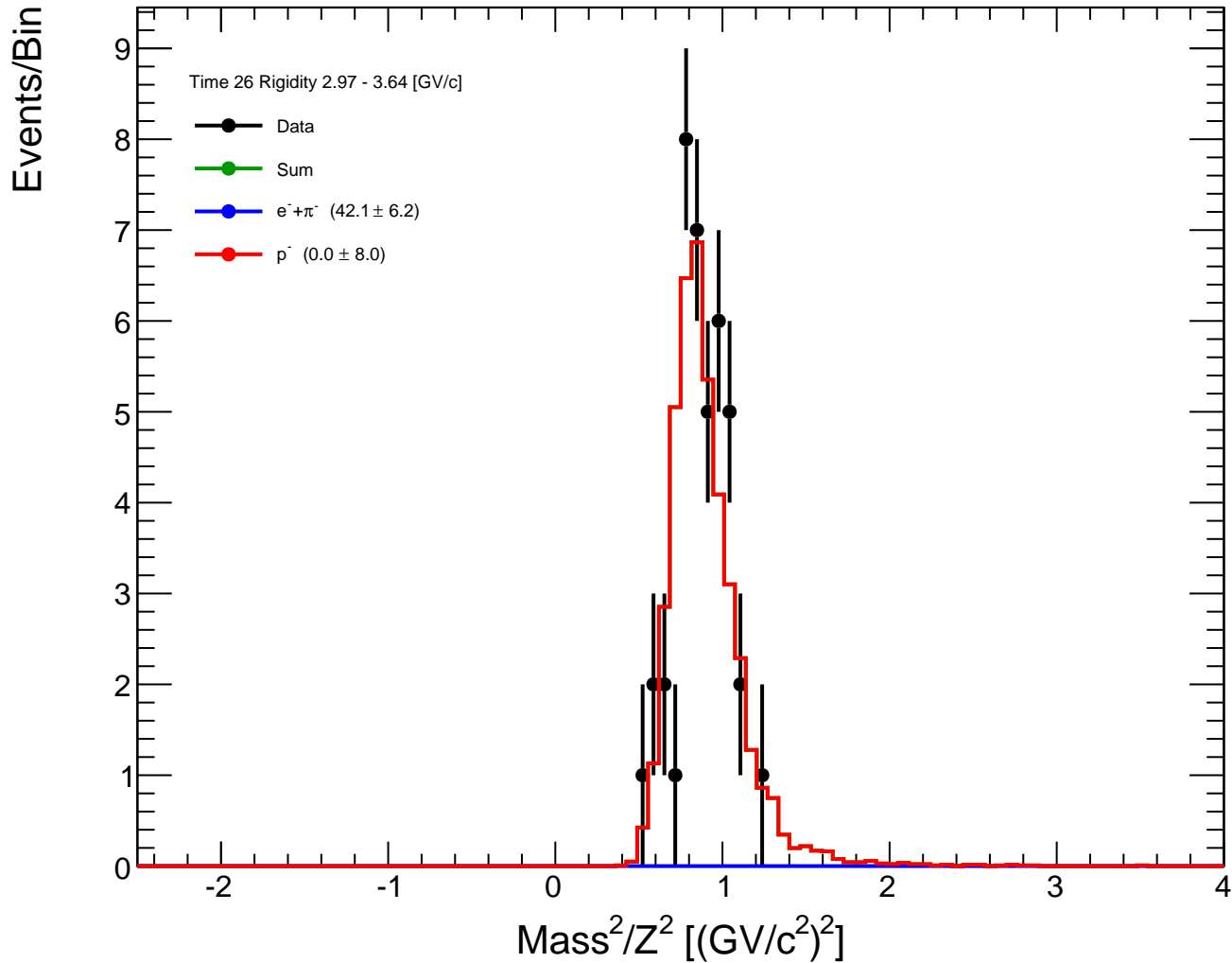


Events/Bin

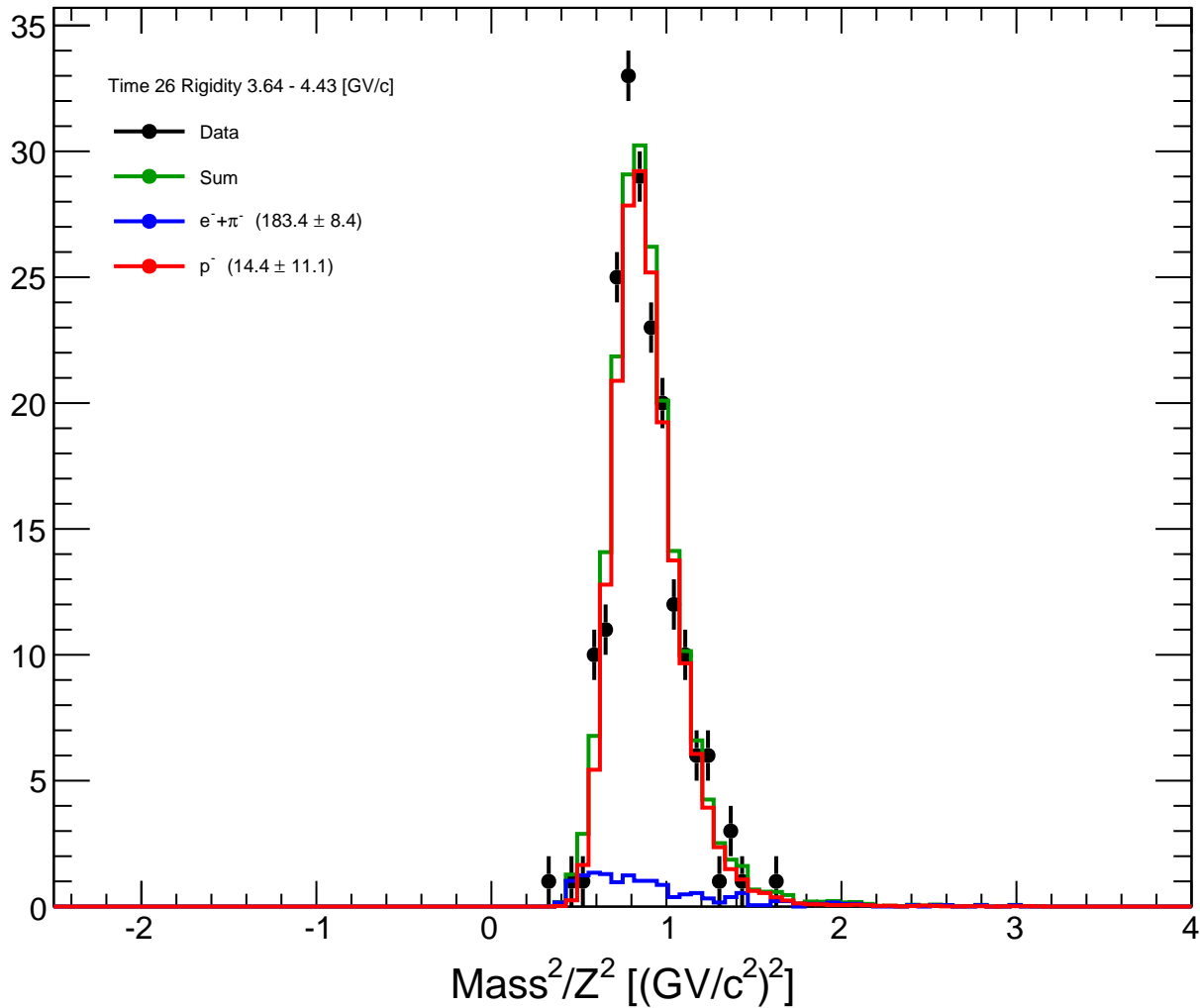


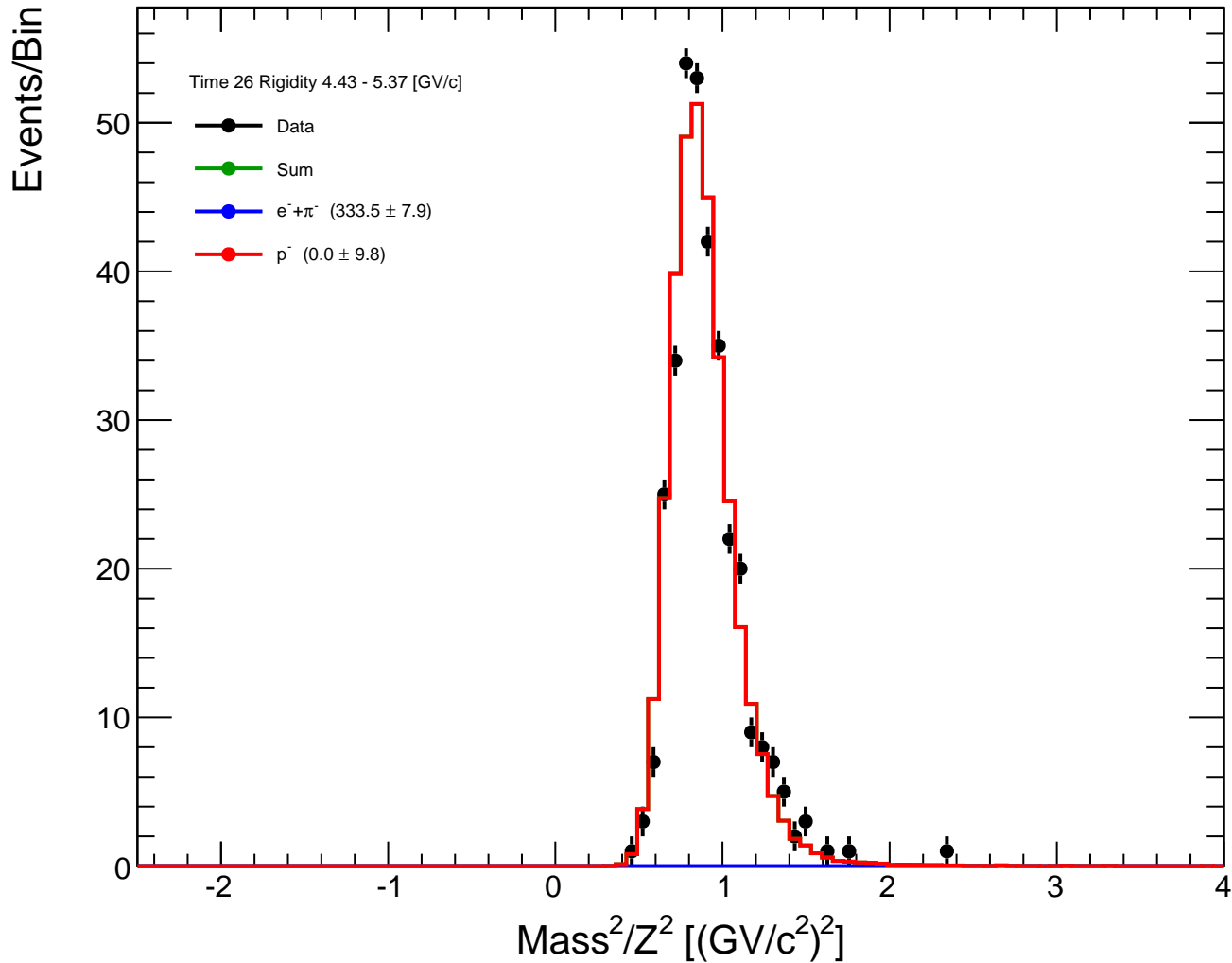
Events/Bin





Events/Bin

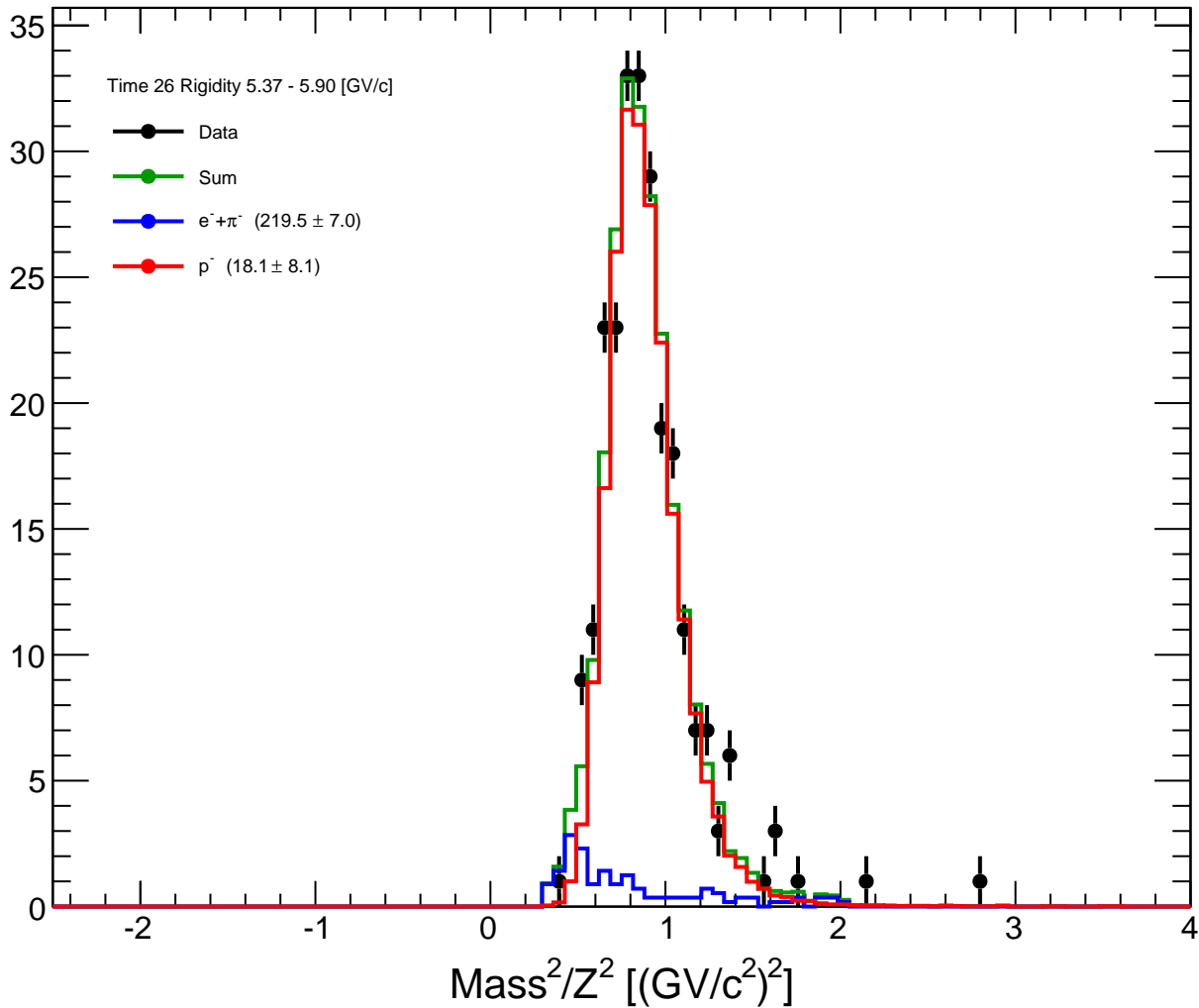


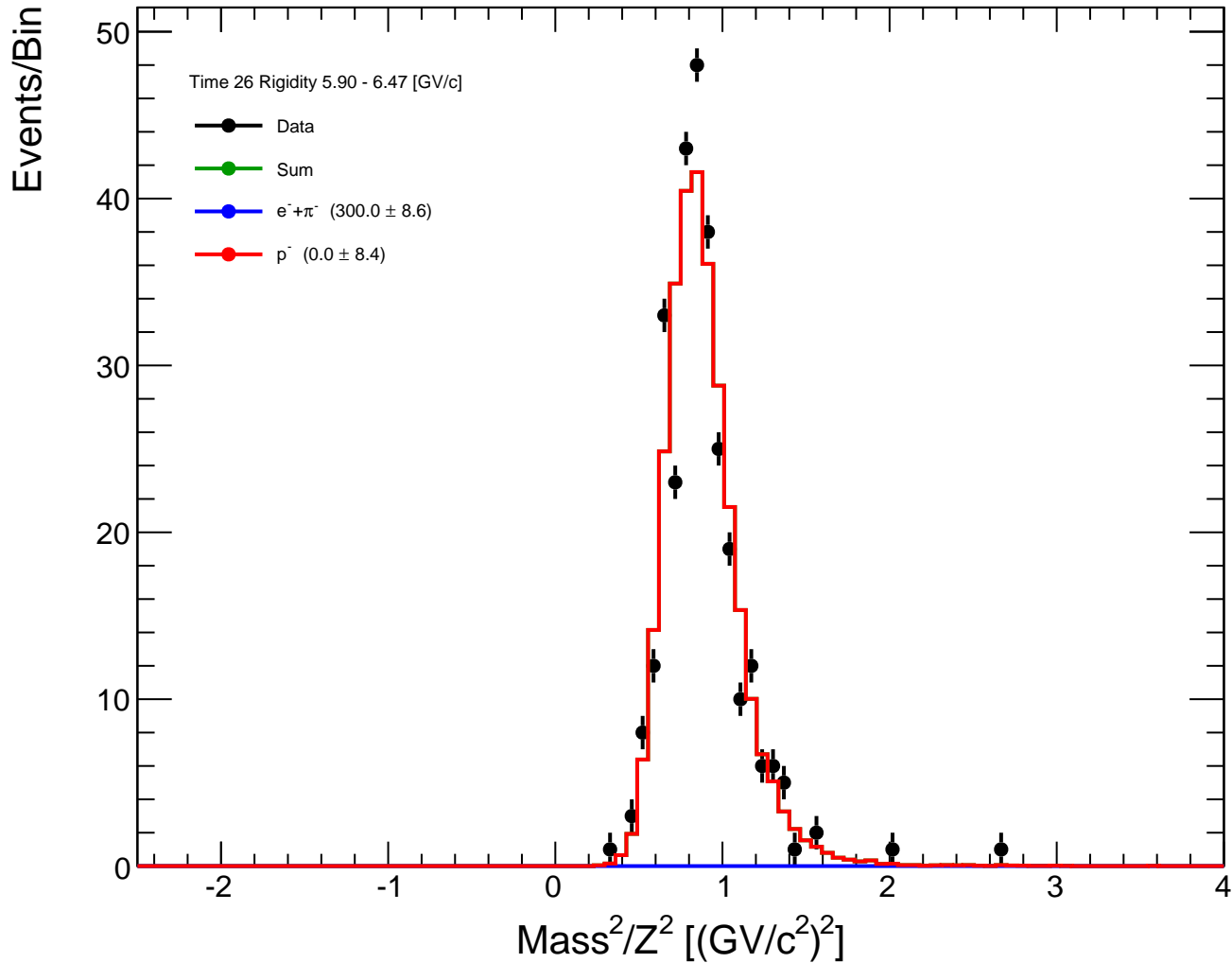


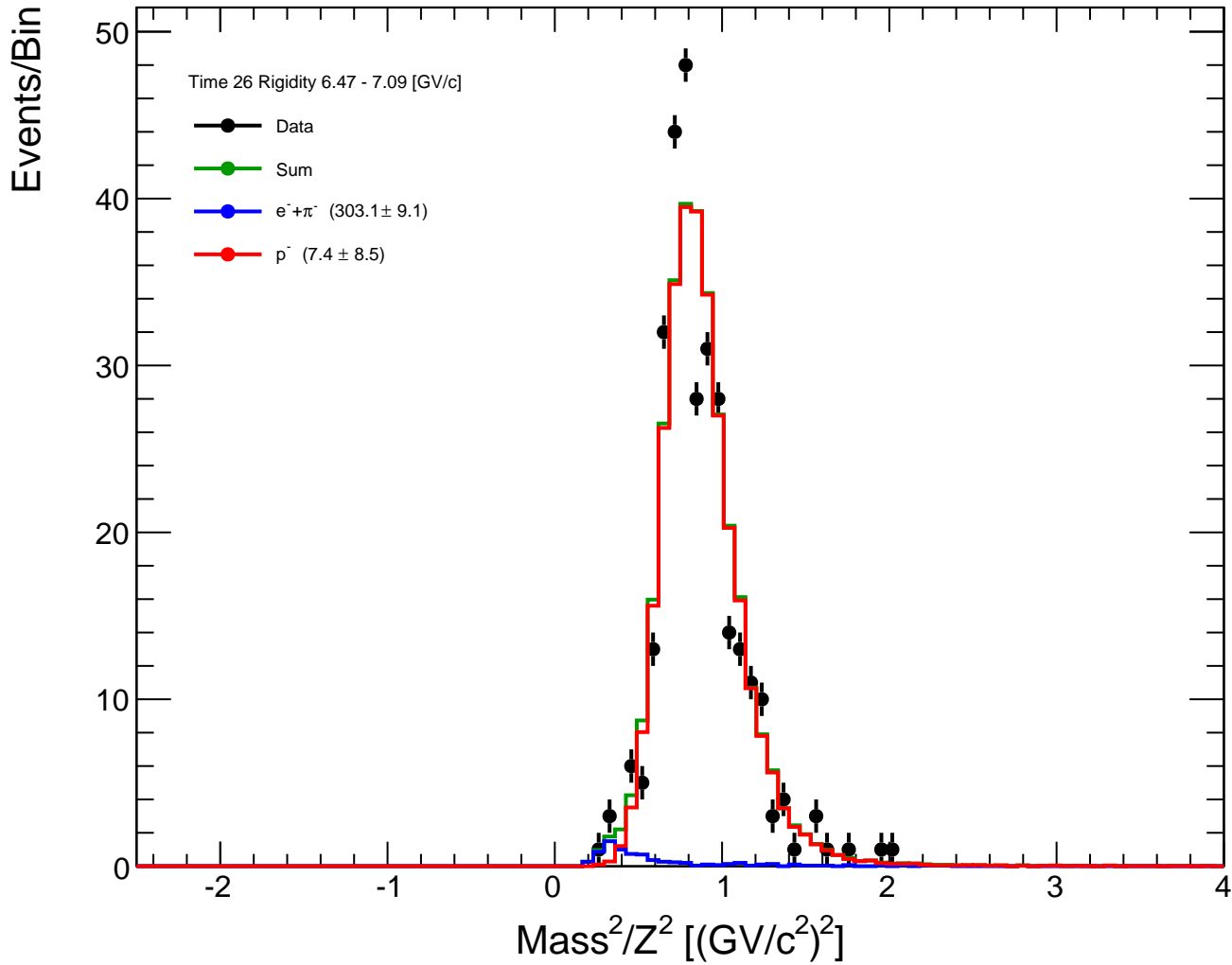
Events/Bin

Time 26 Rigidity 5.37 - 5.90 [GV/c]

- Data
- Sum
- $e^- + \pi^-$ (219.5 ± 7.0)
- p^- (18.1 ± 8.1)



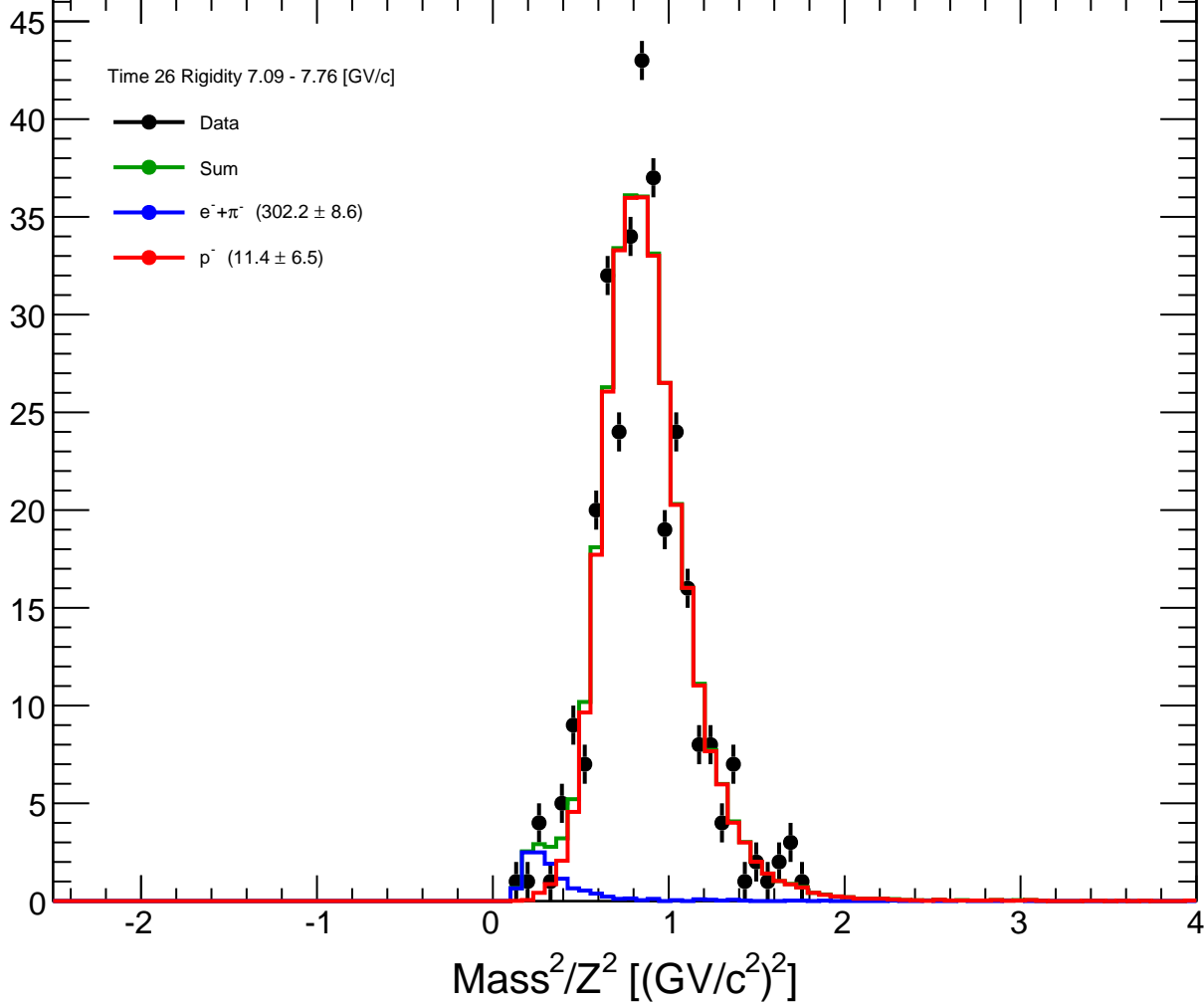


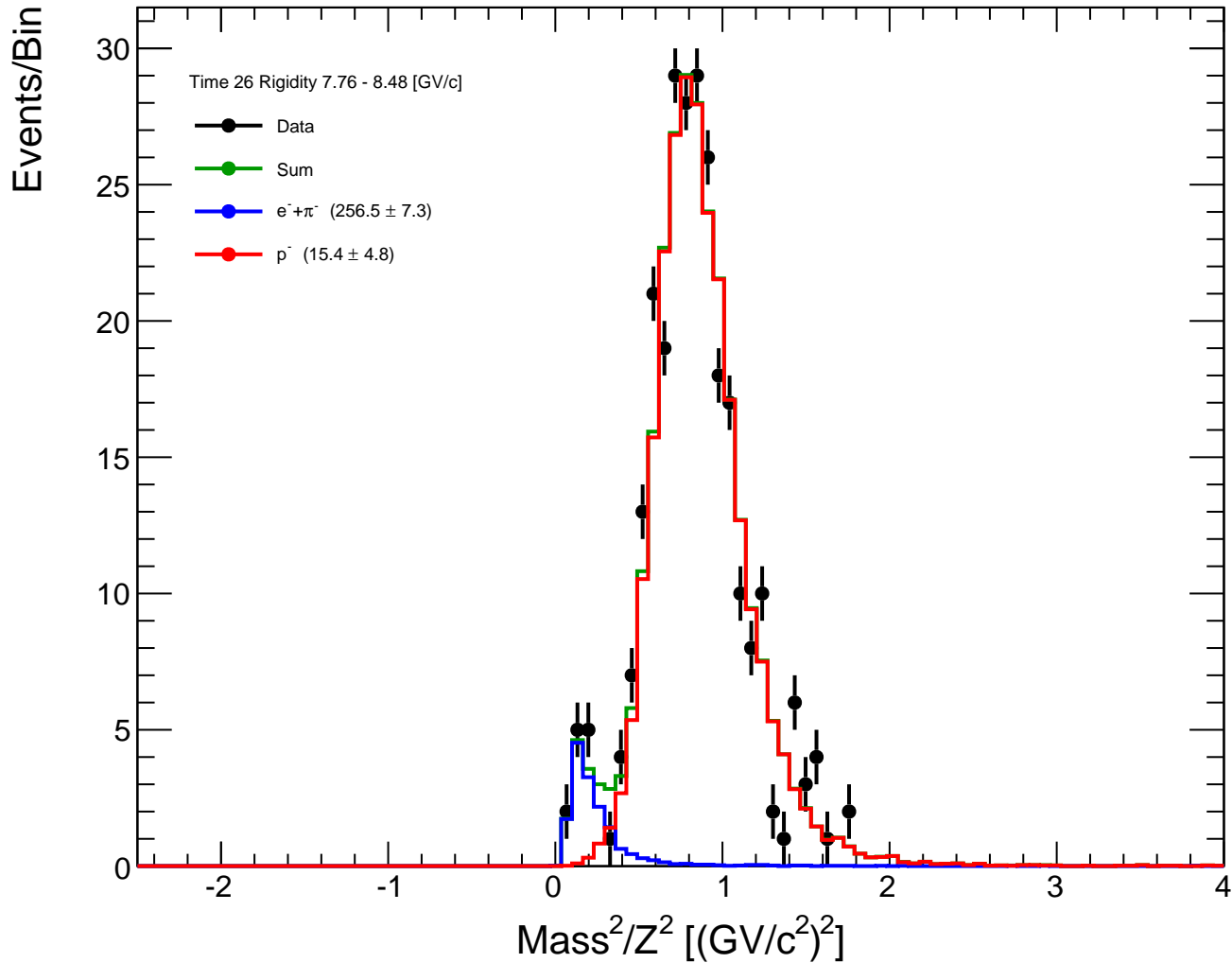


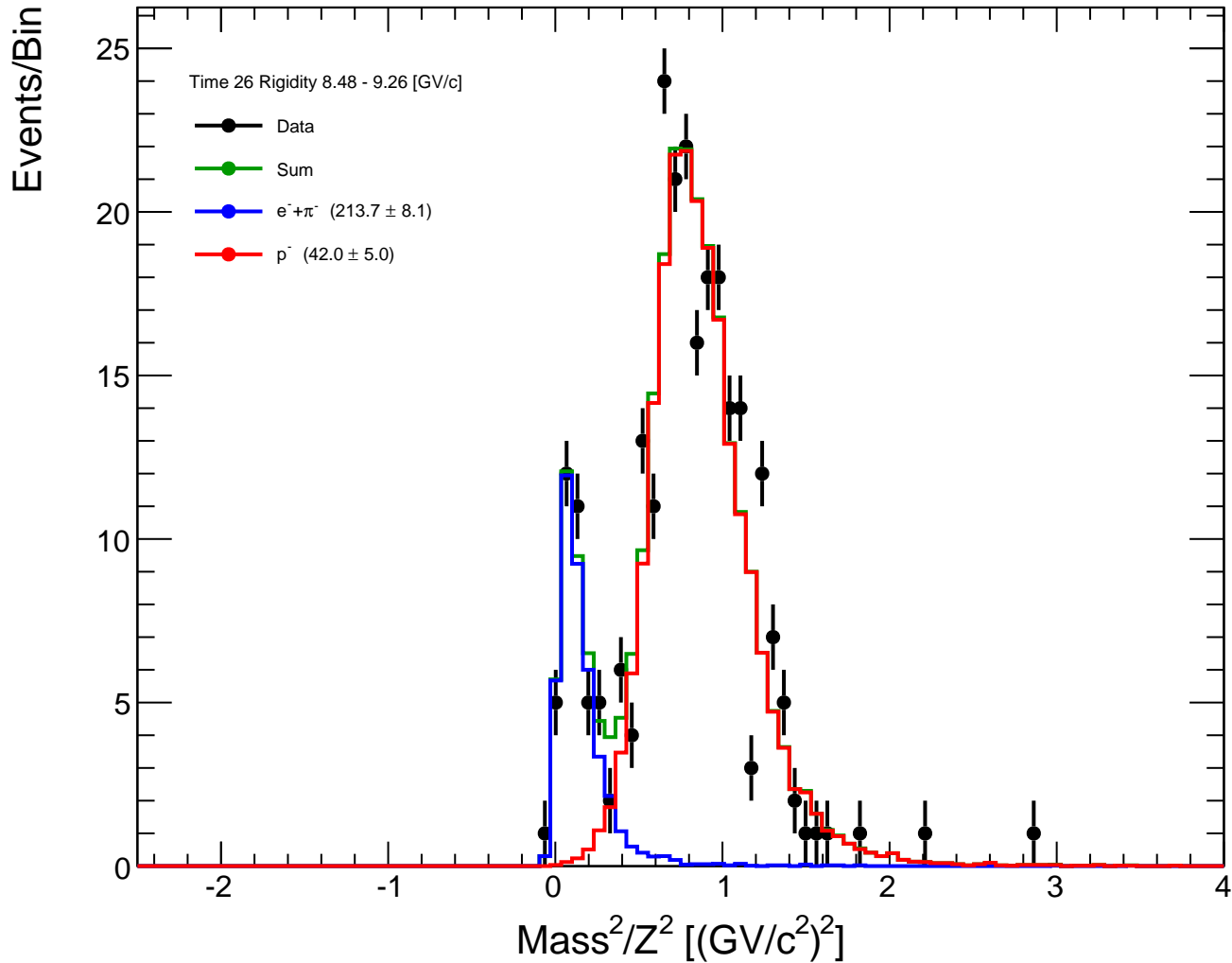
Events/Bin

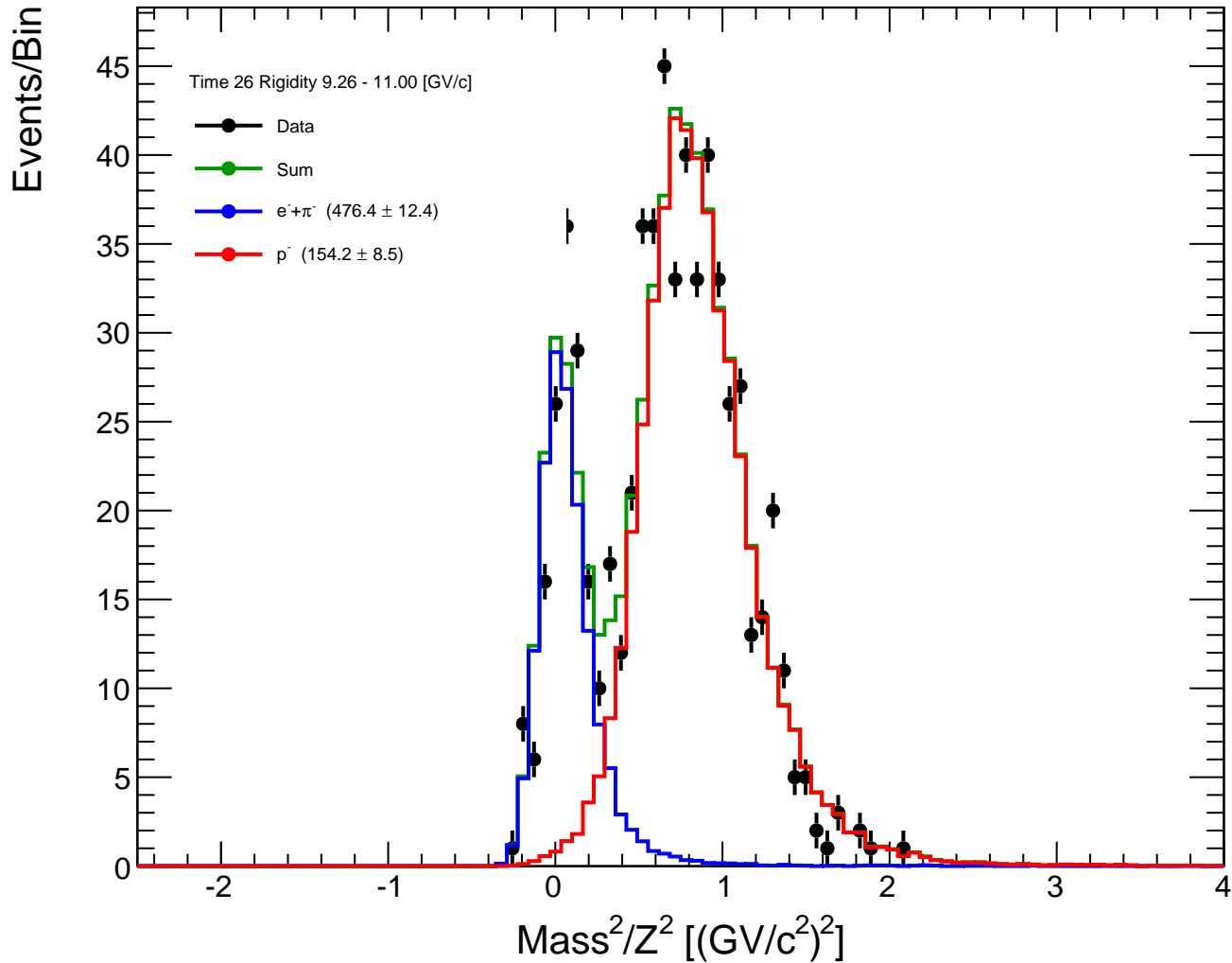
Time 26 Rigidity 7.09 - 7.76 [GV/c]

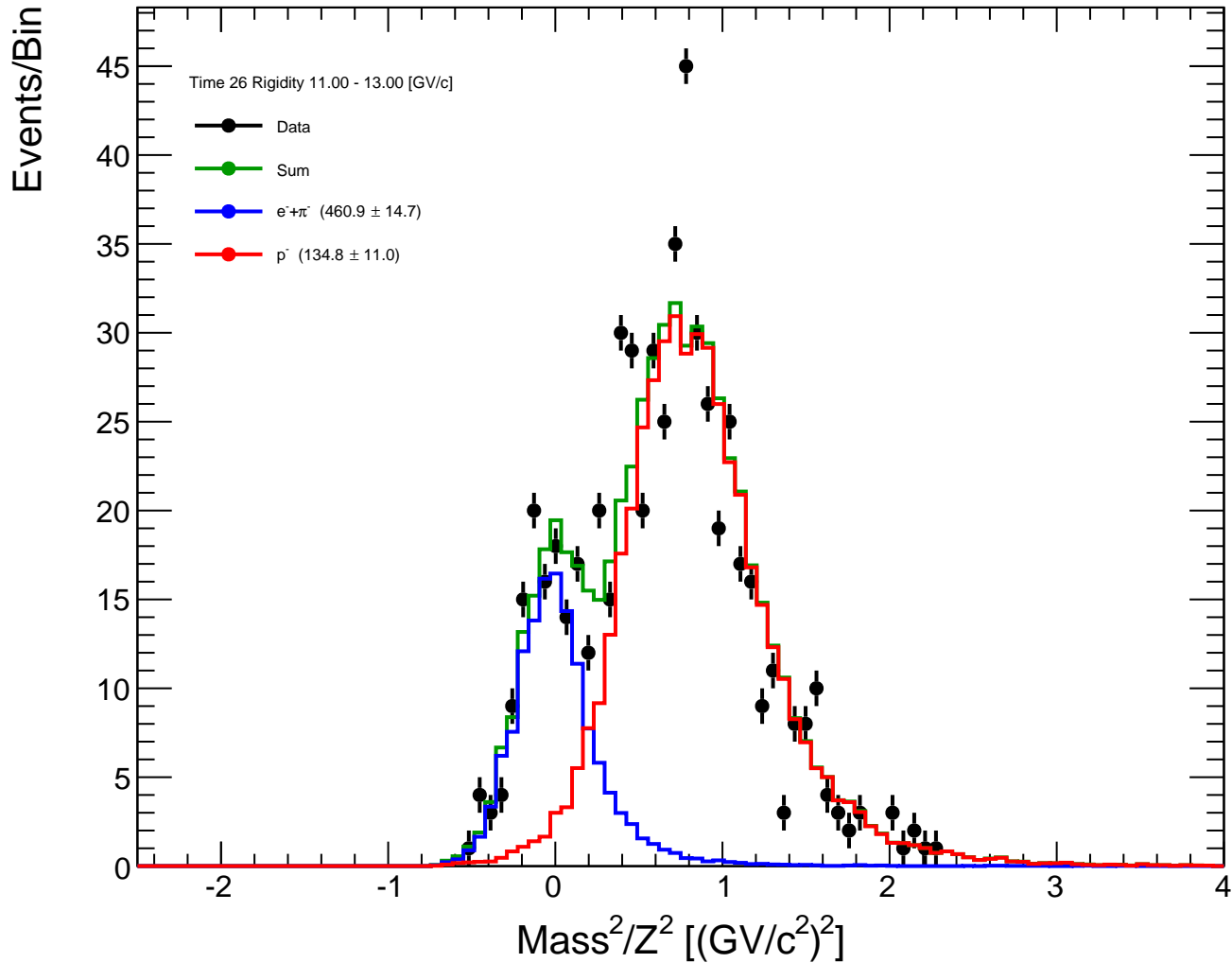
- Data
- Sum
- $e^- + \pi^-$ (302.2 ± 8.6)
- p^- (11.4 ± 6.5)



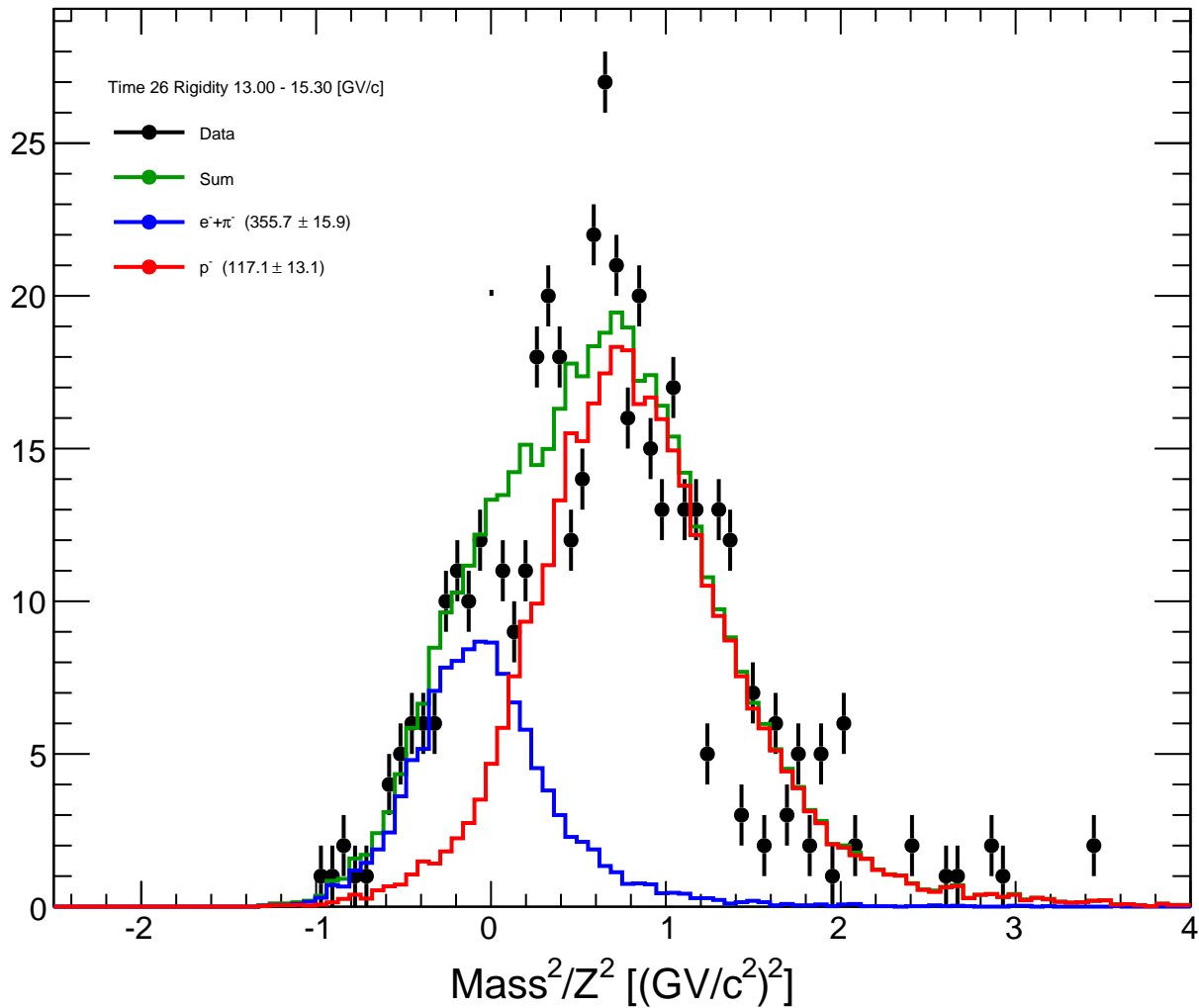


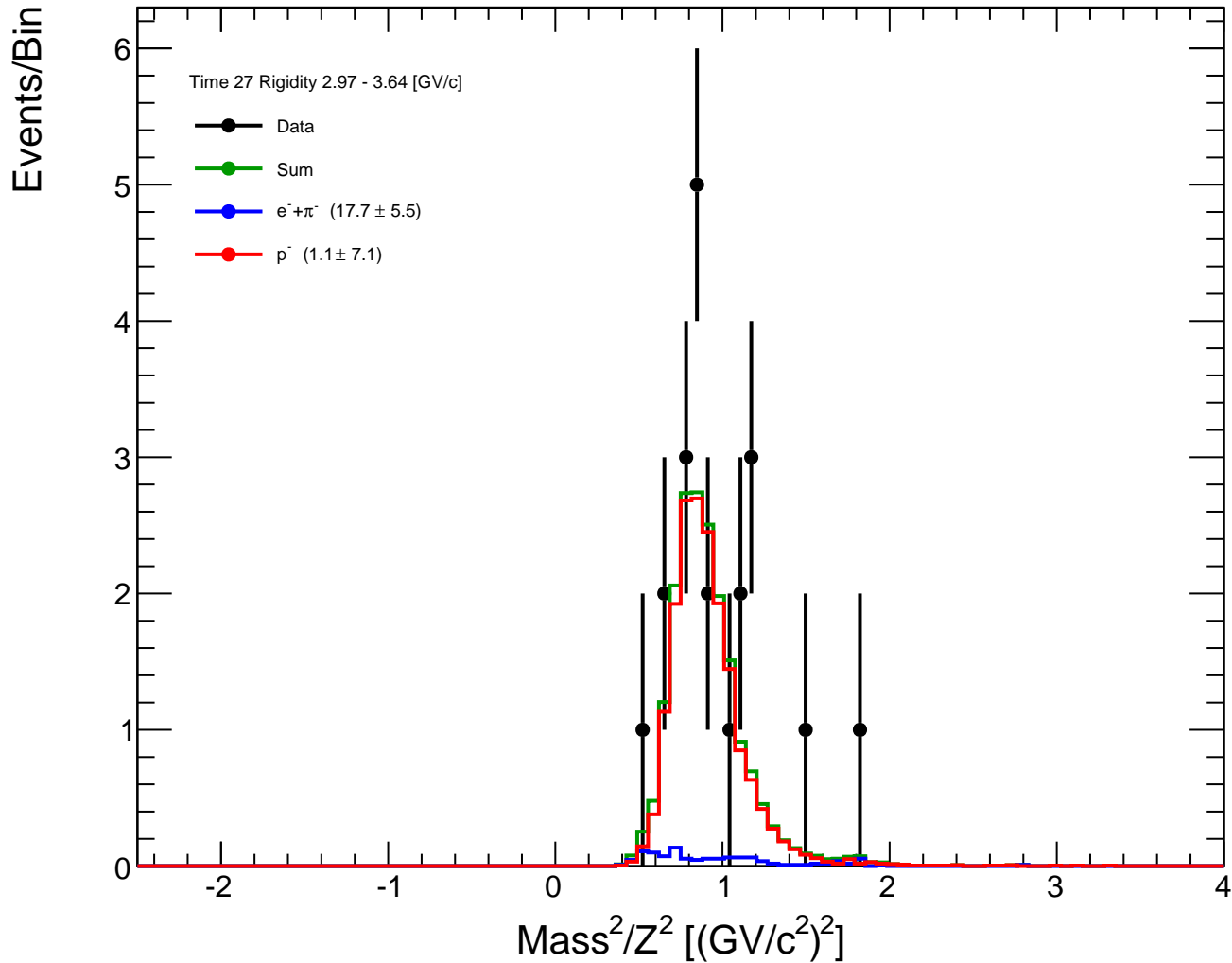


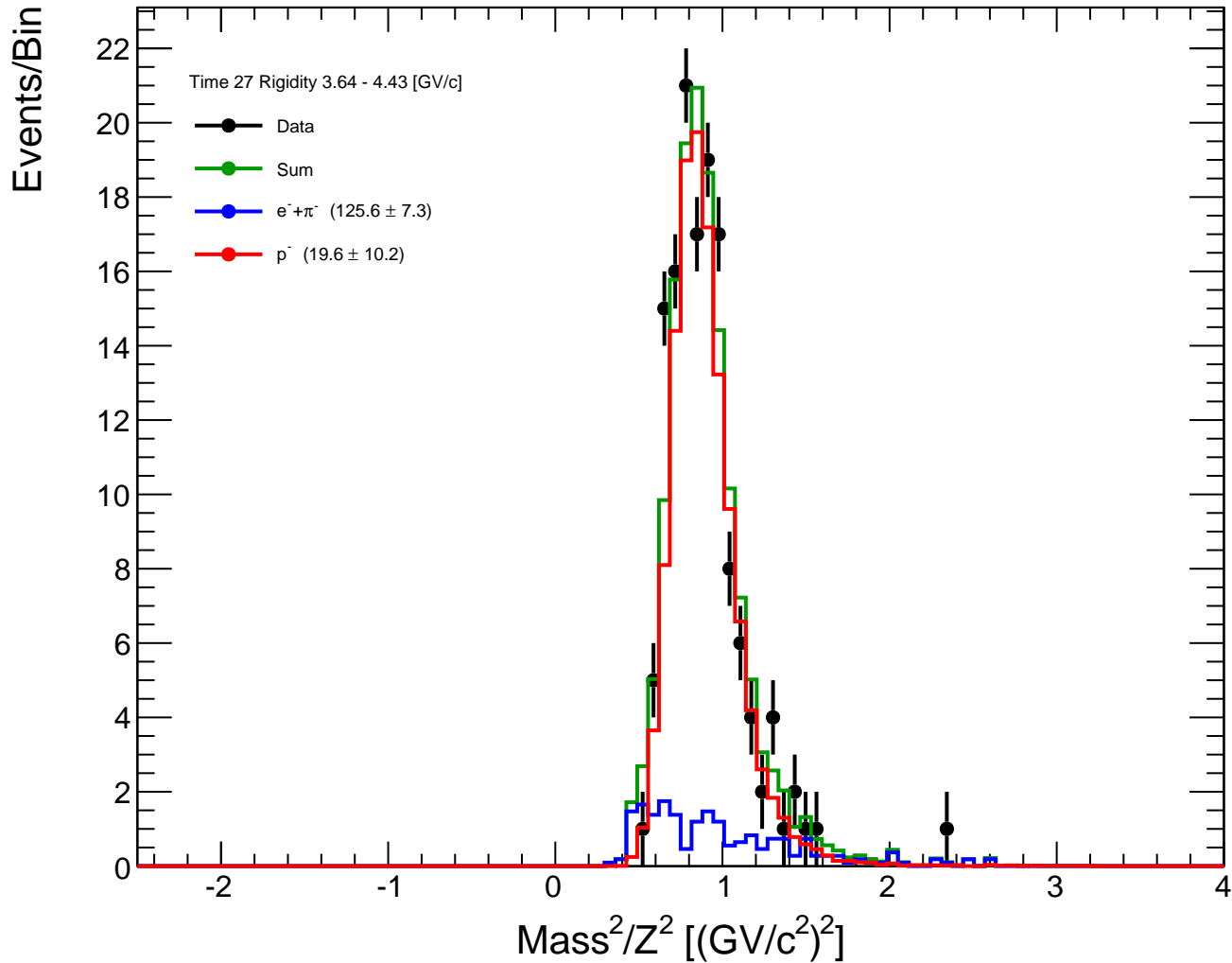


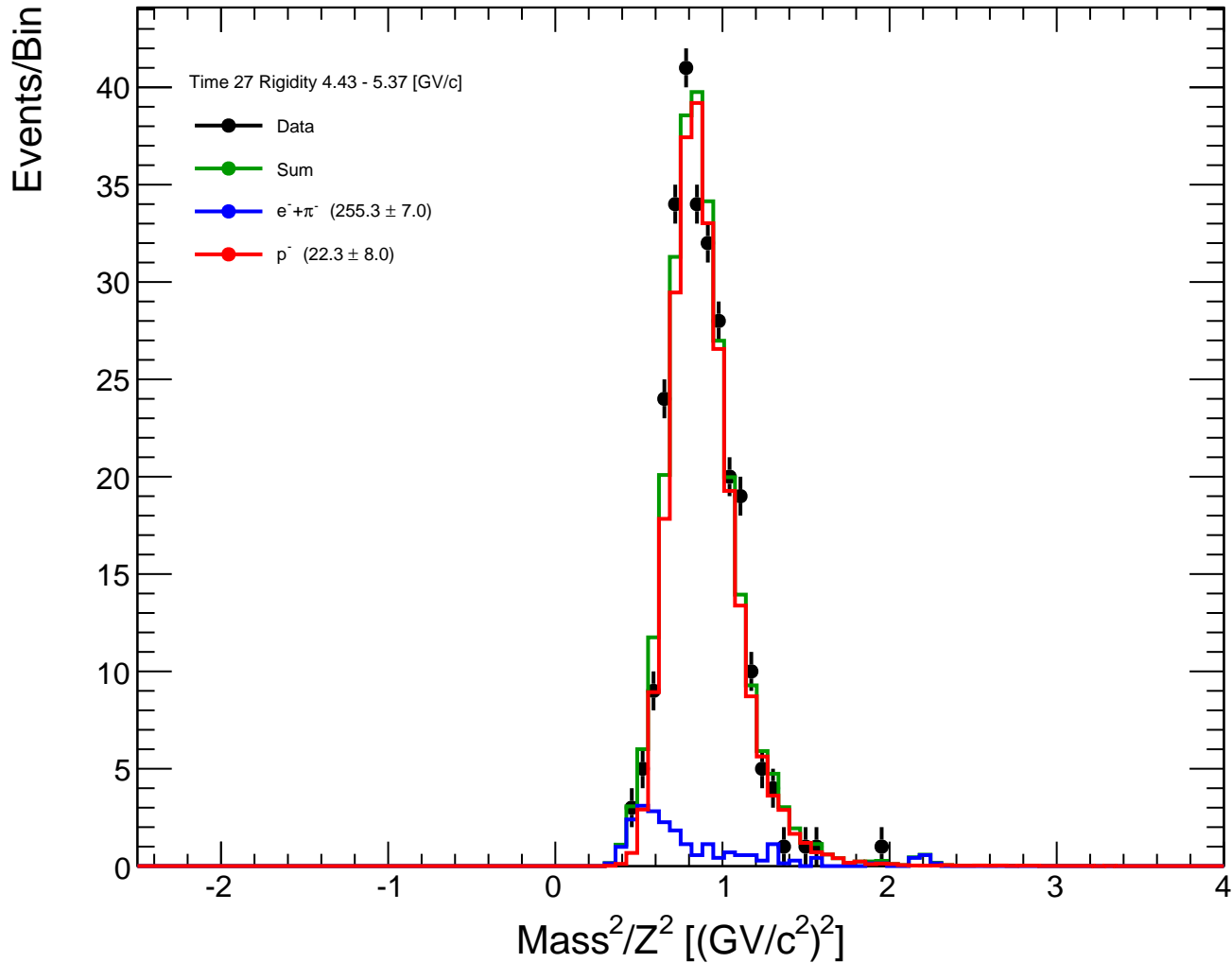


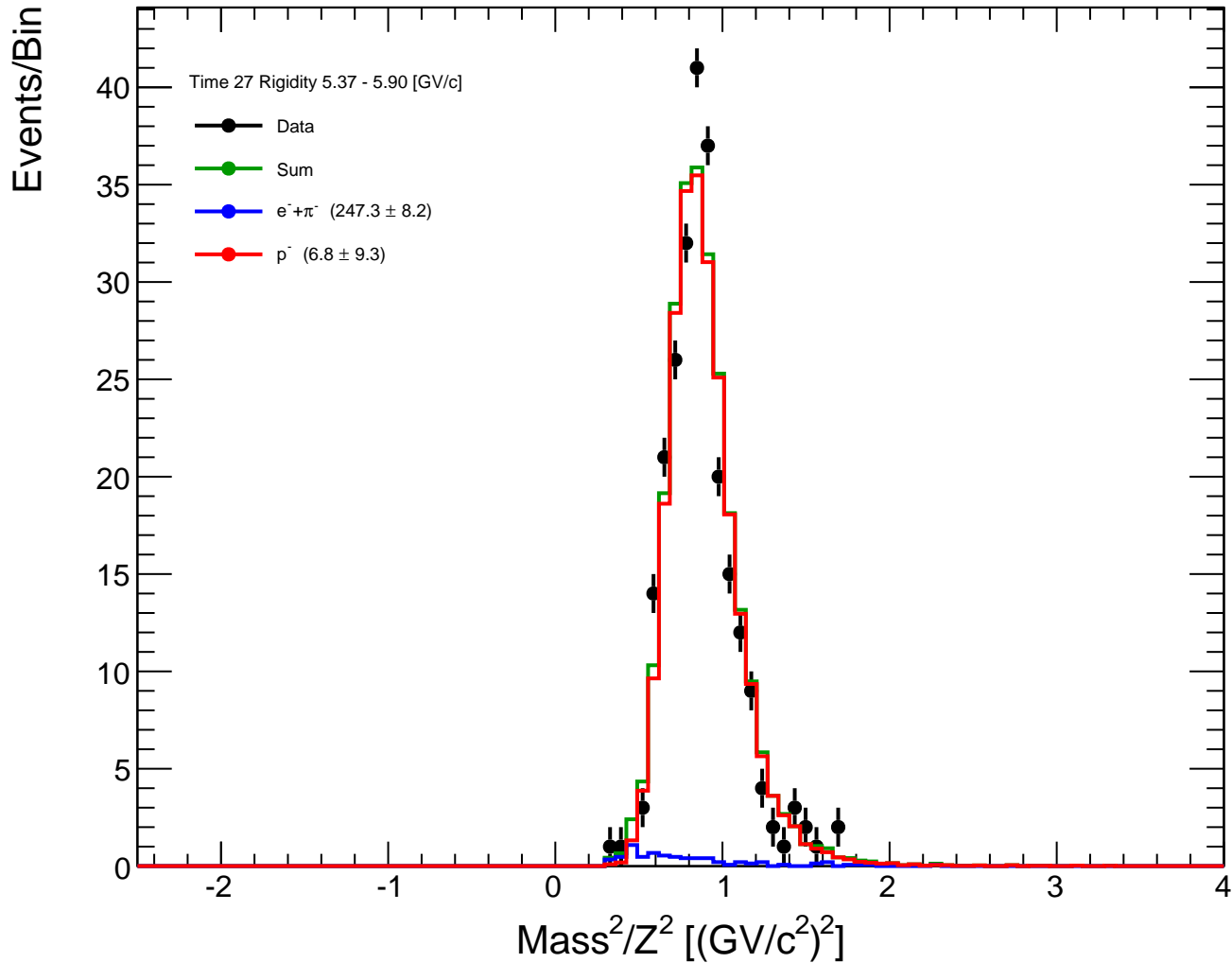
Events/Bin

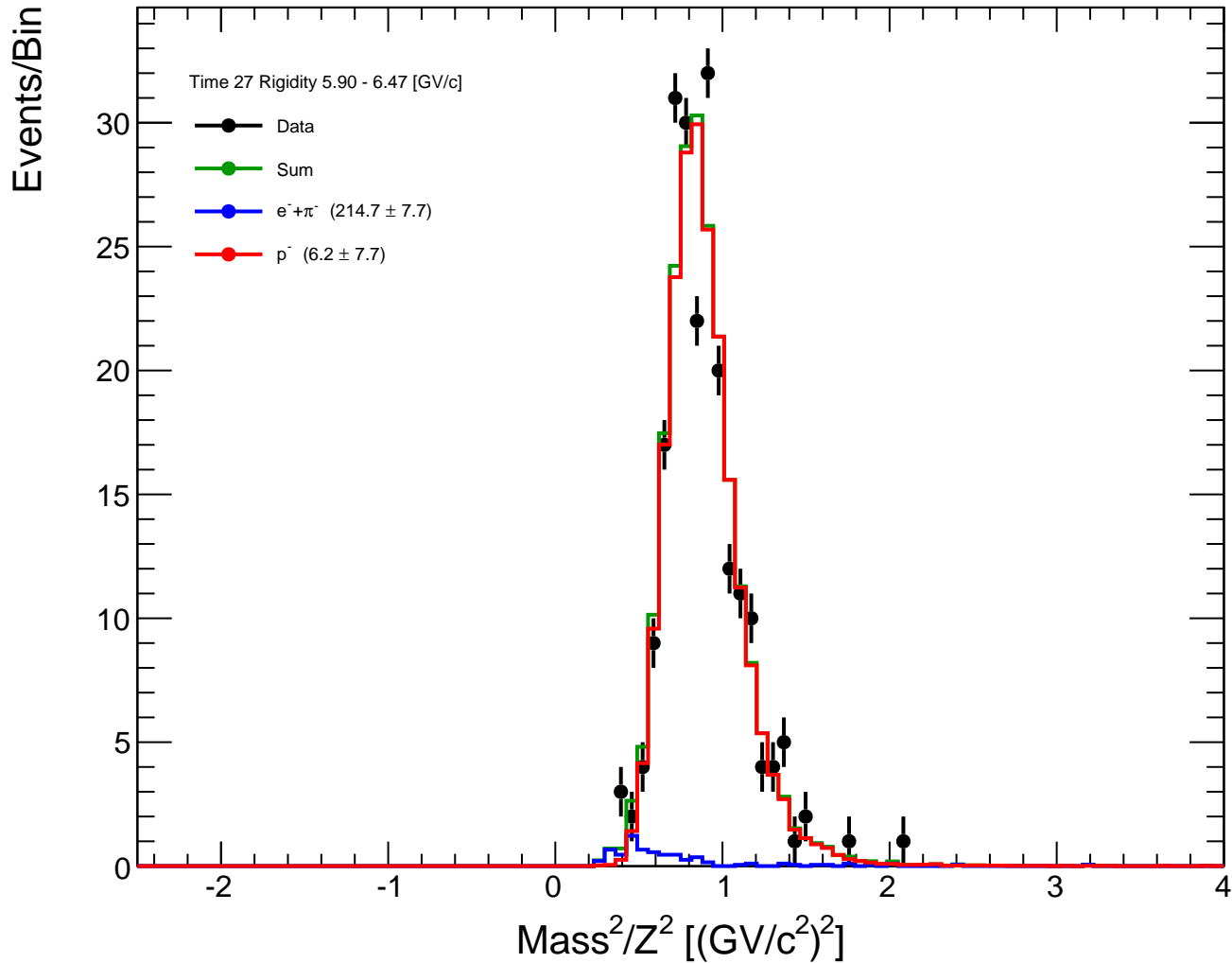


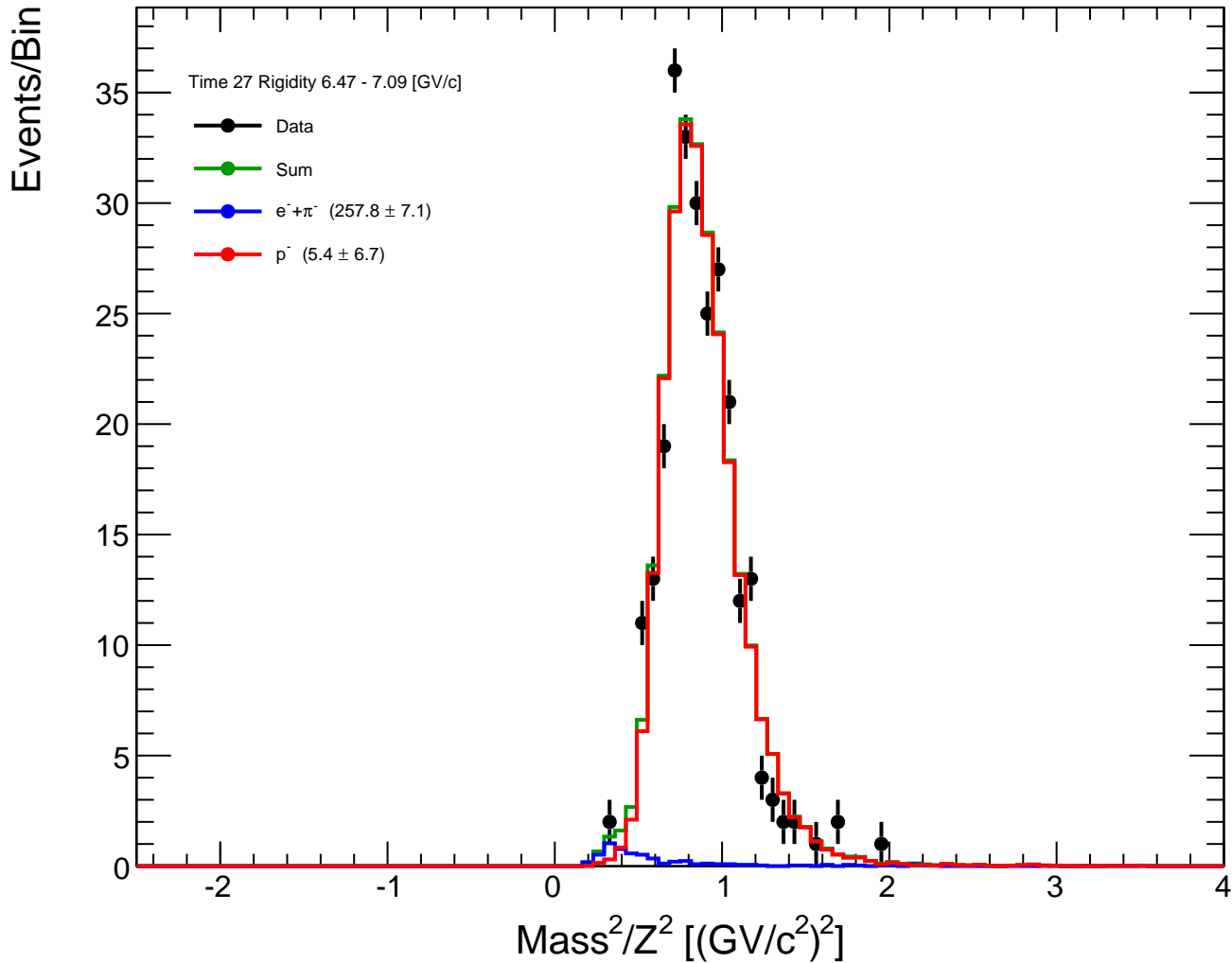


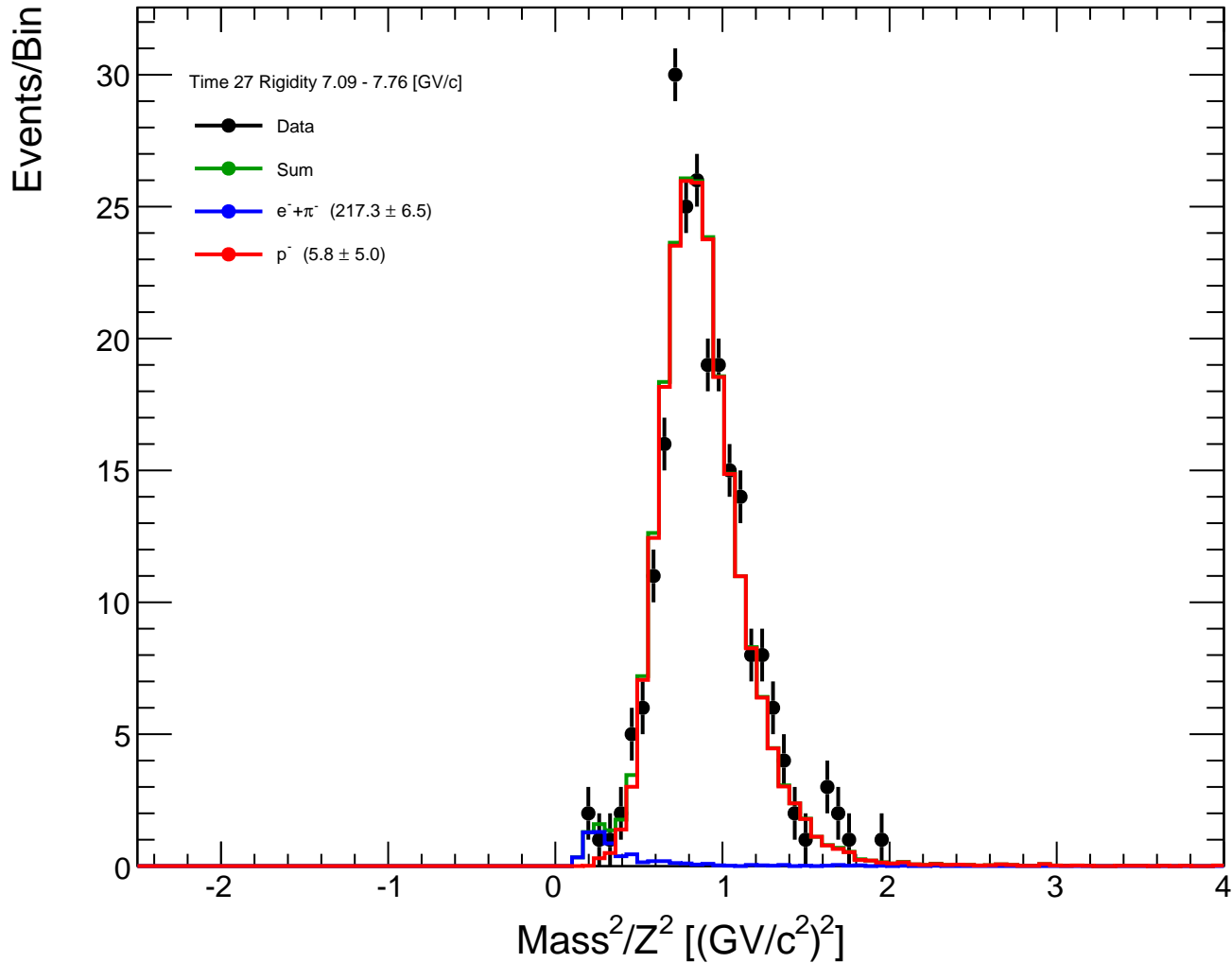


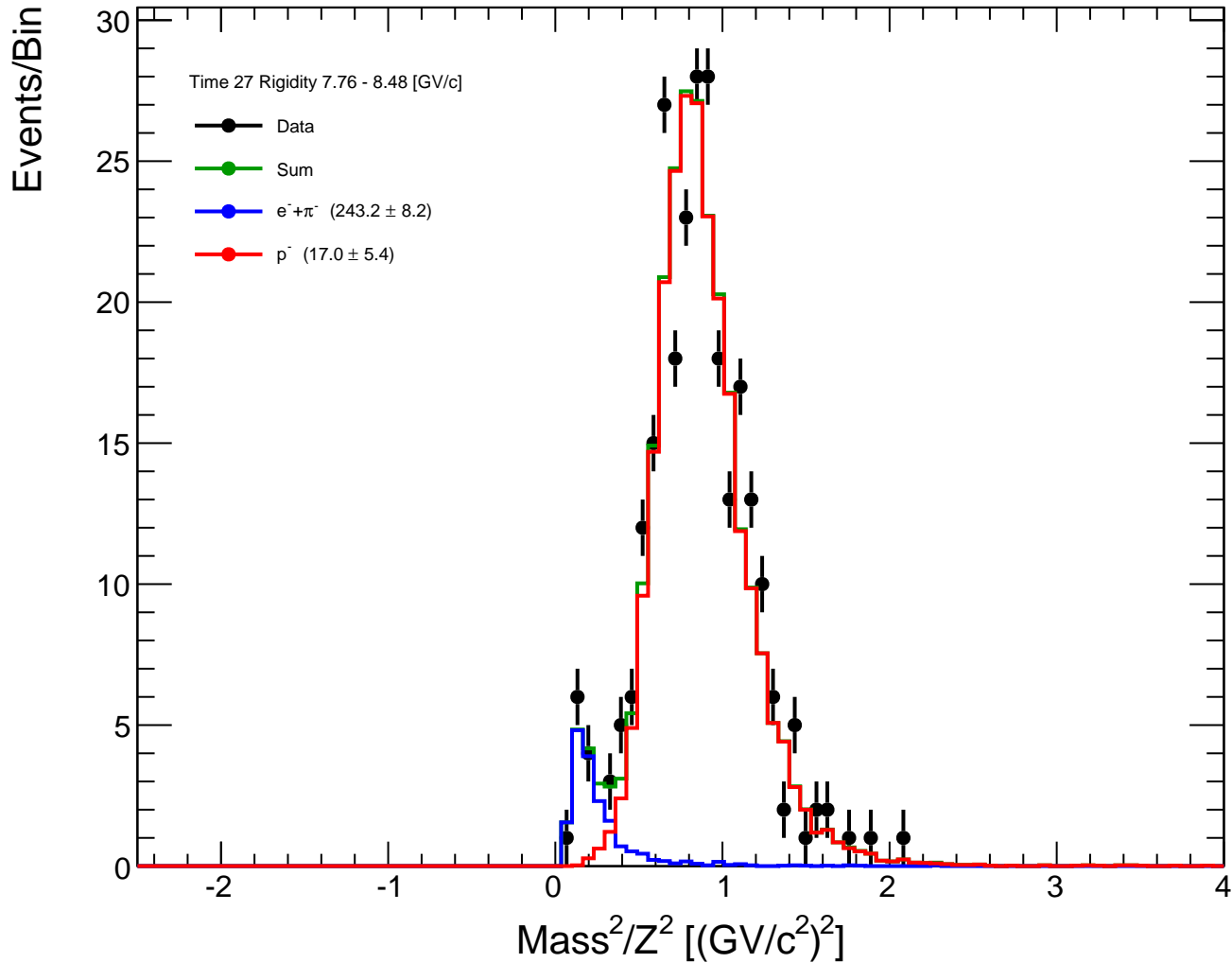


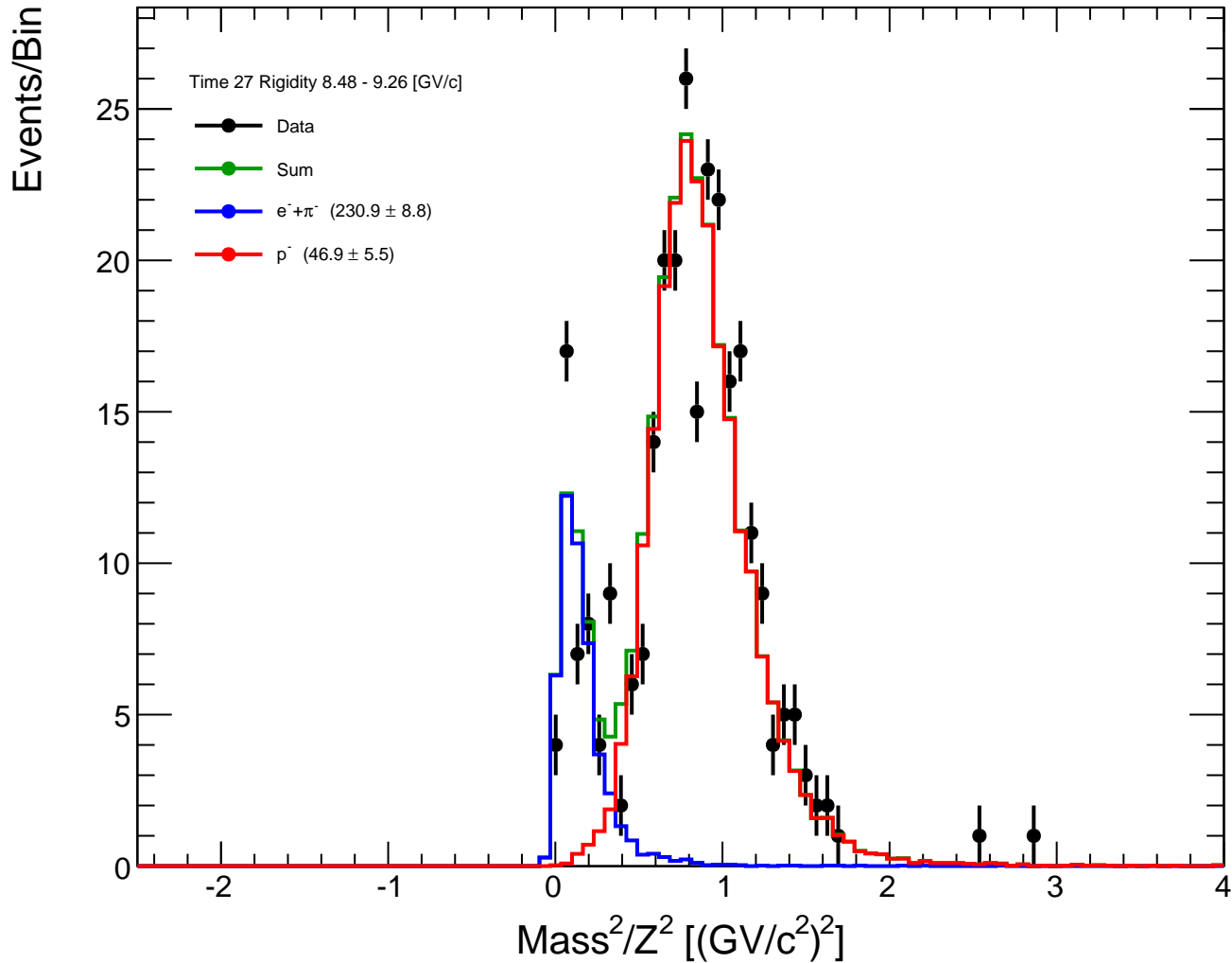


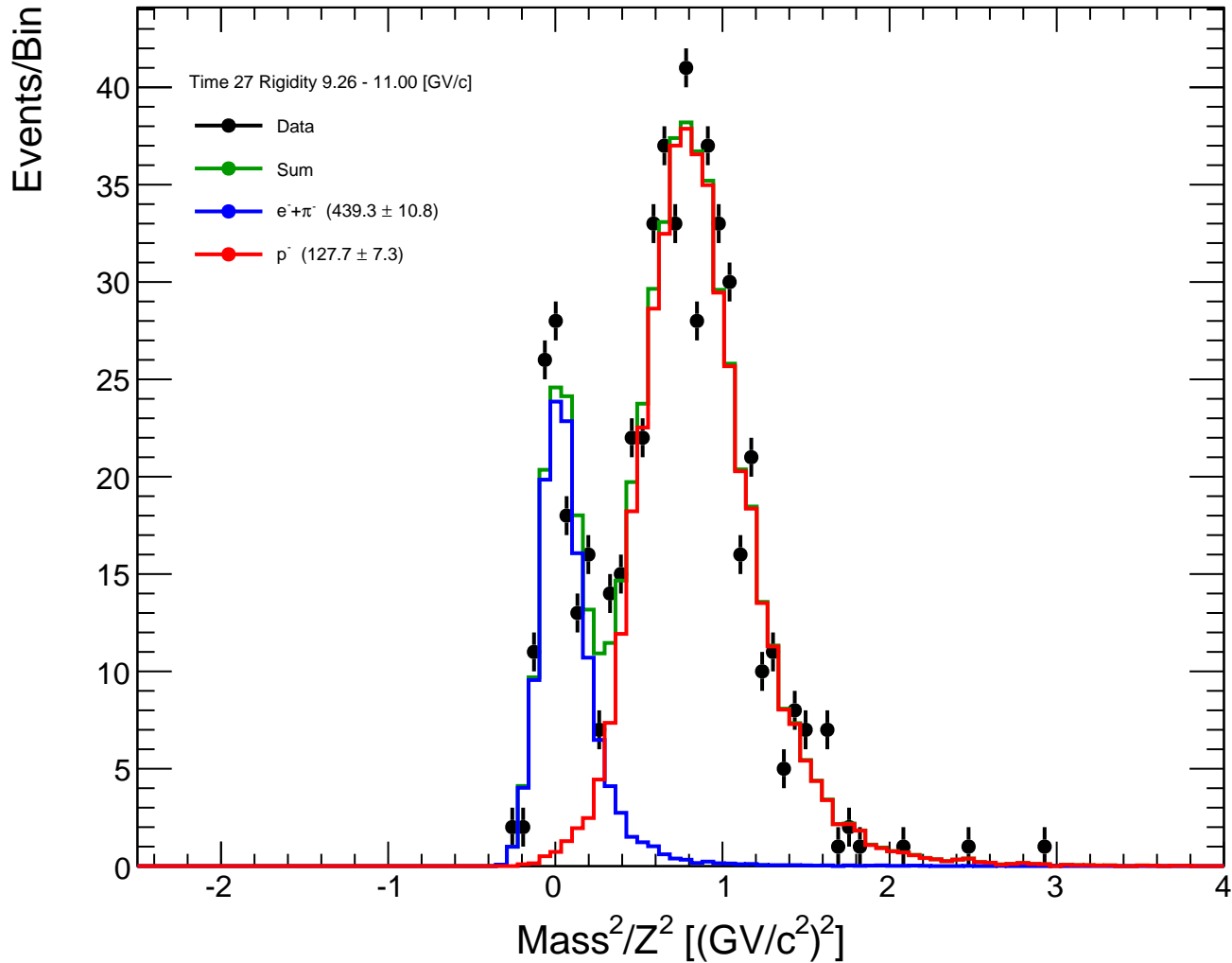


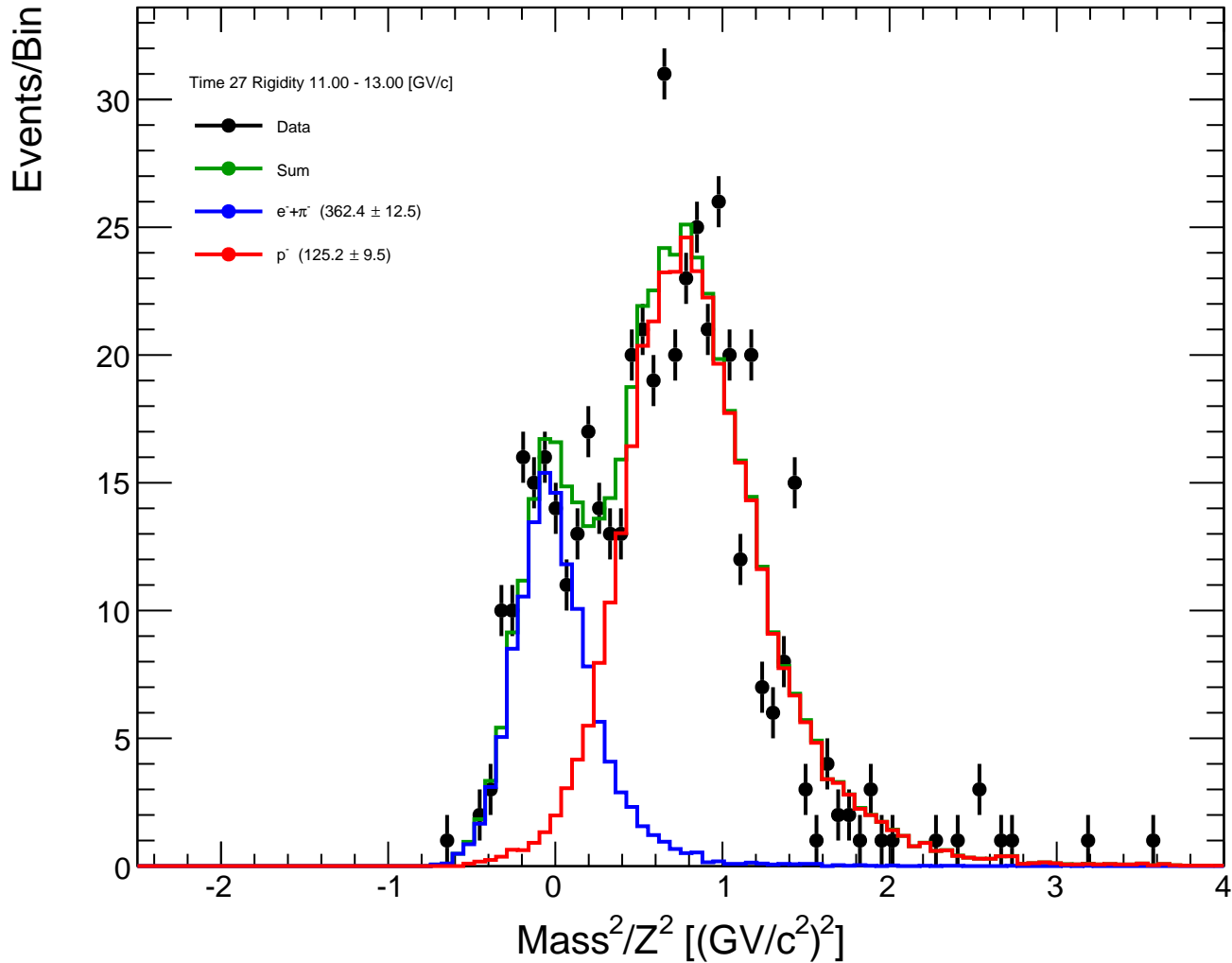




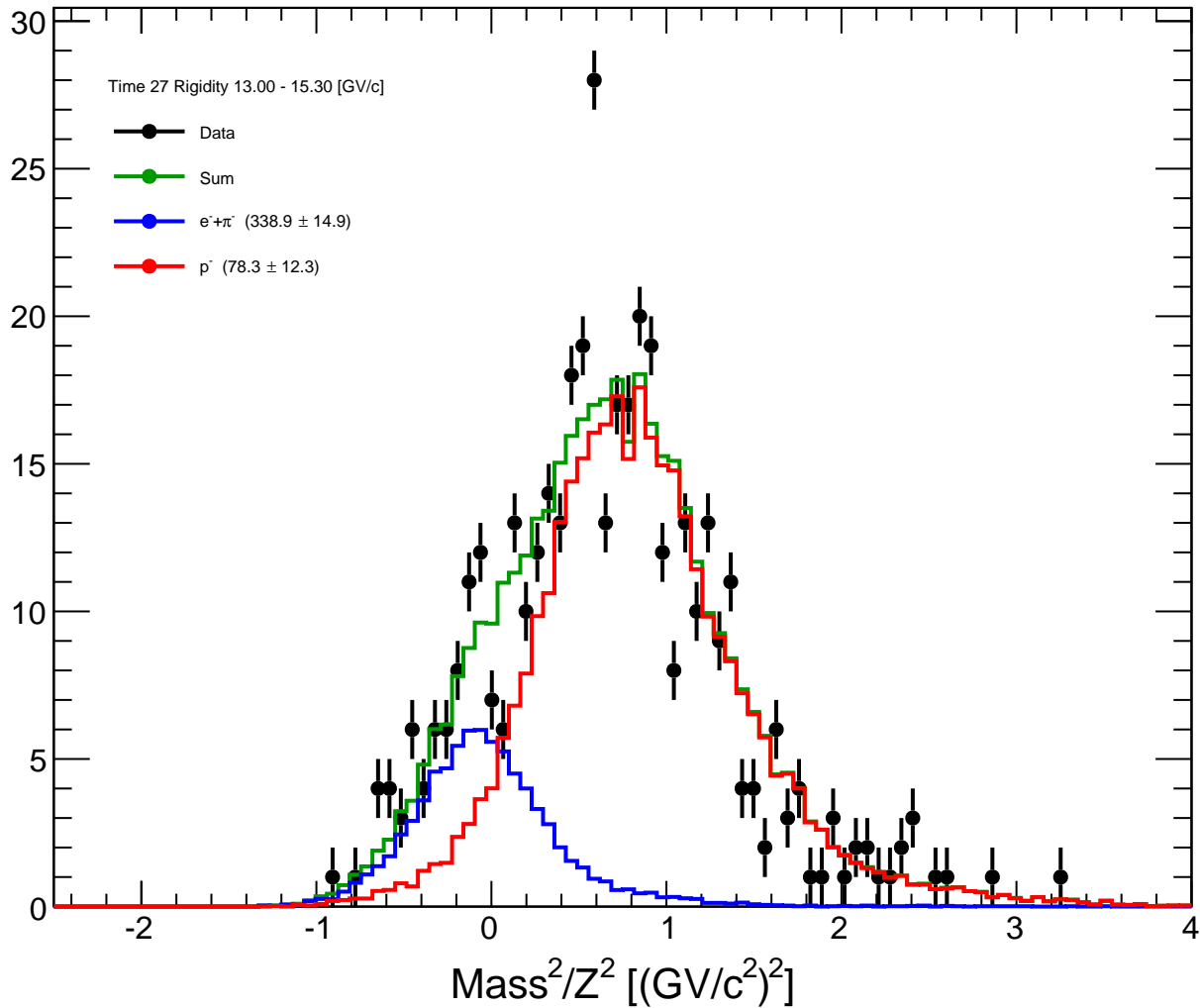


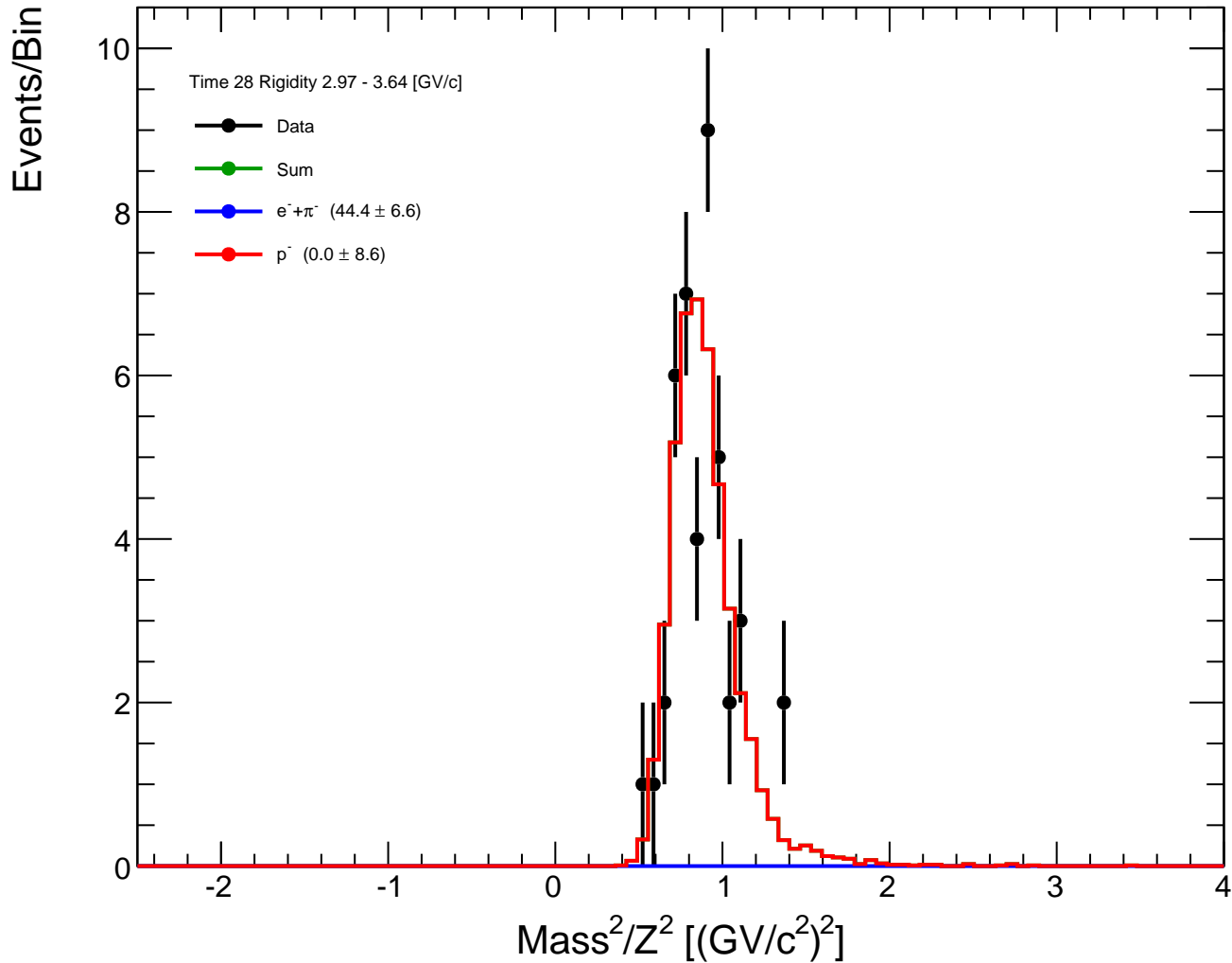


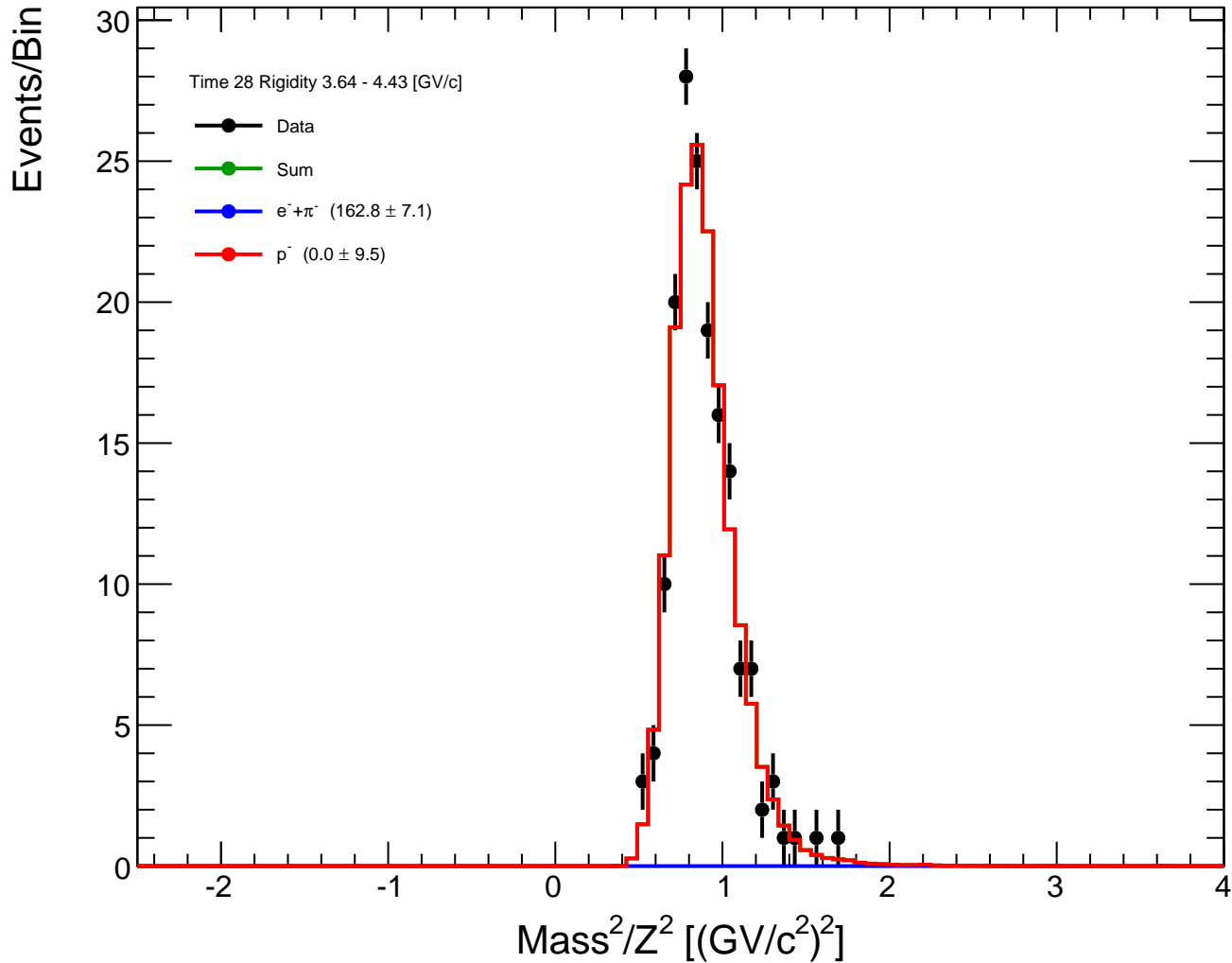


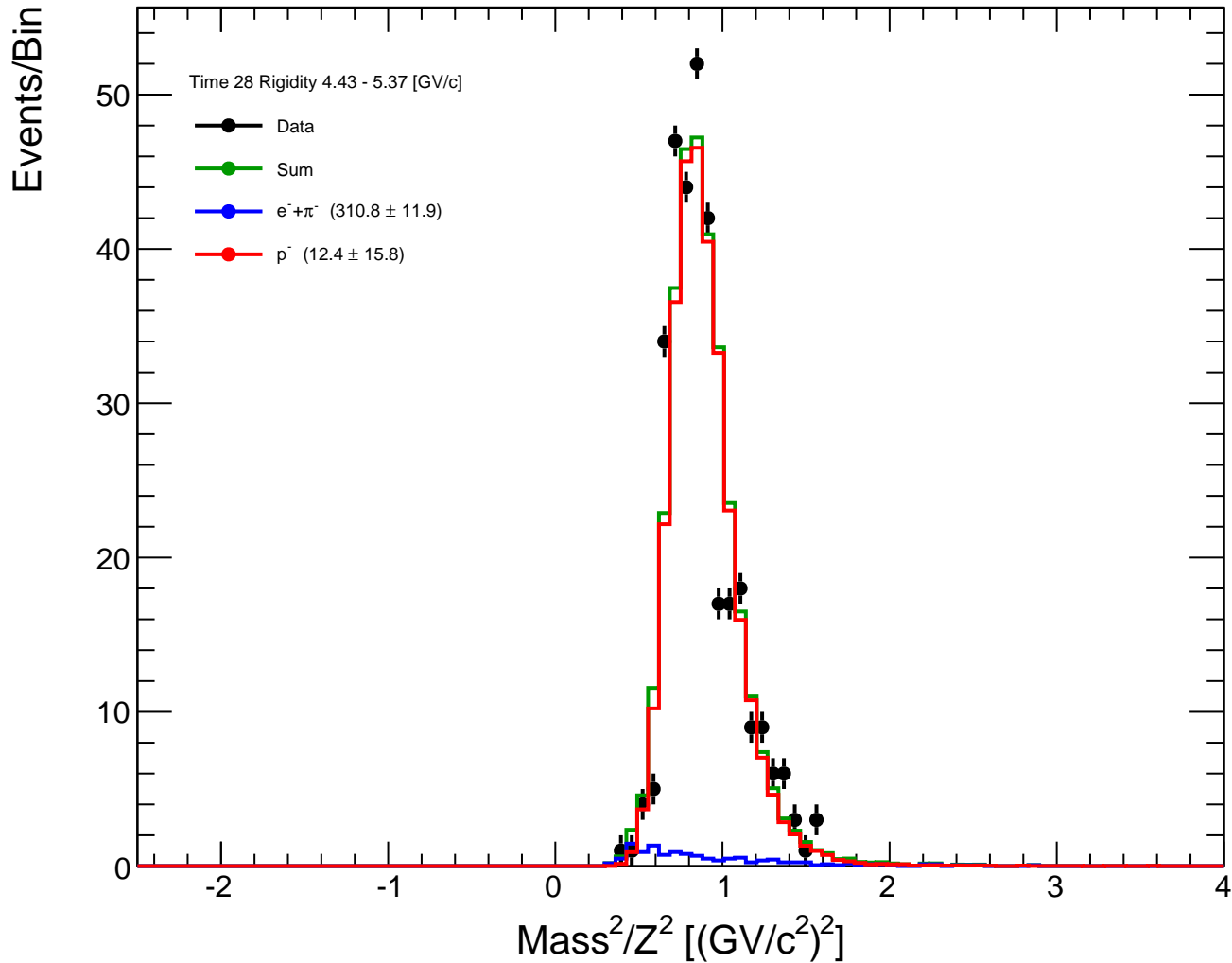


Events/Bin

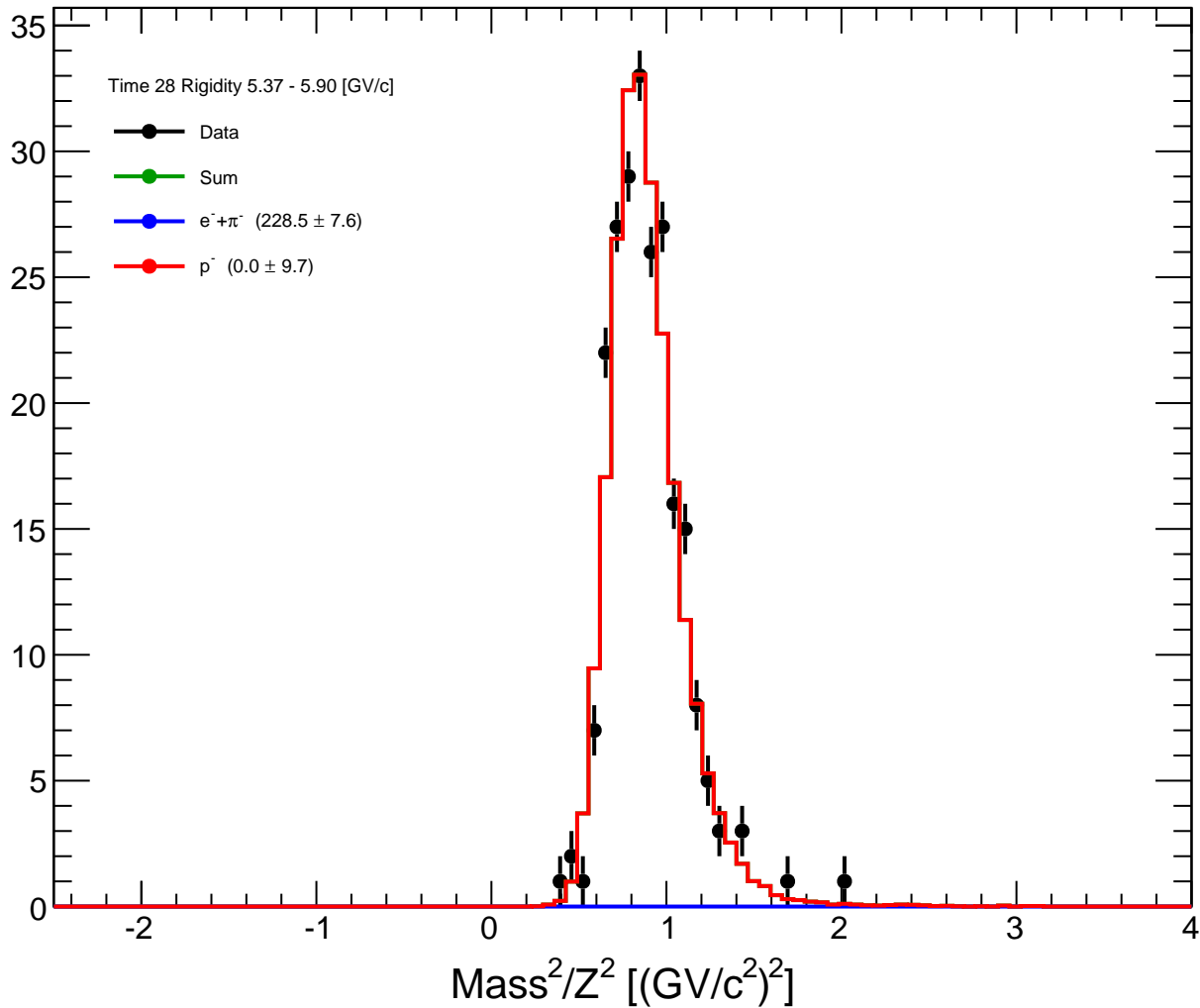


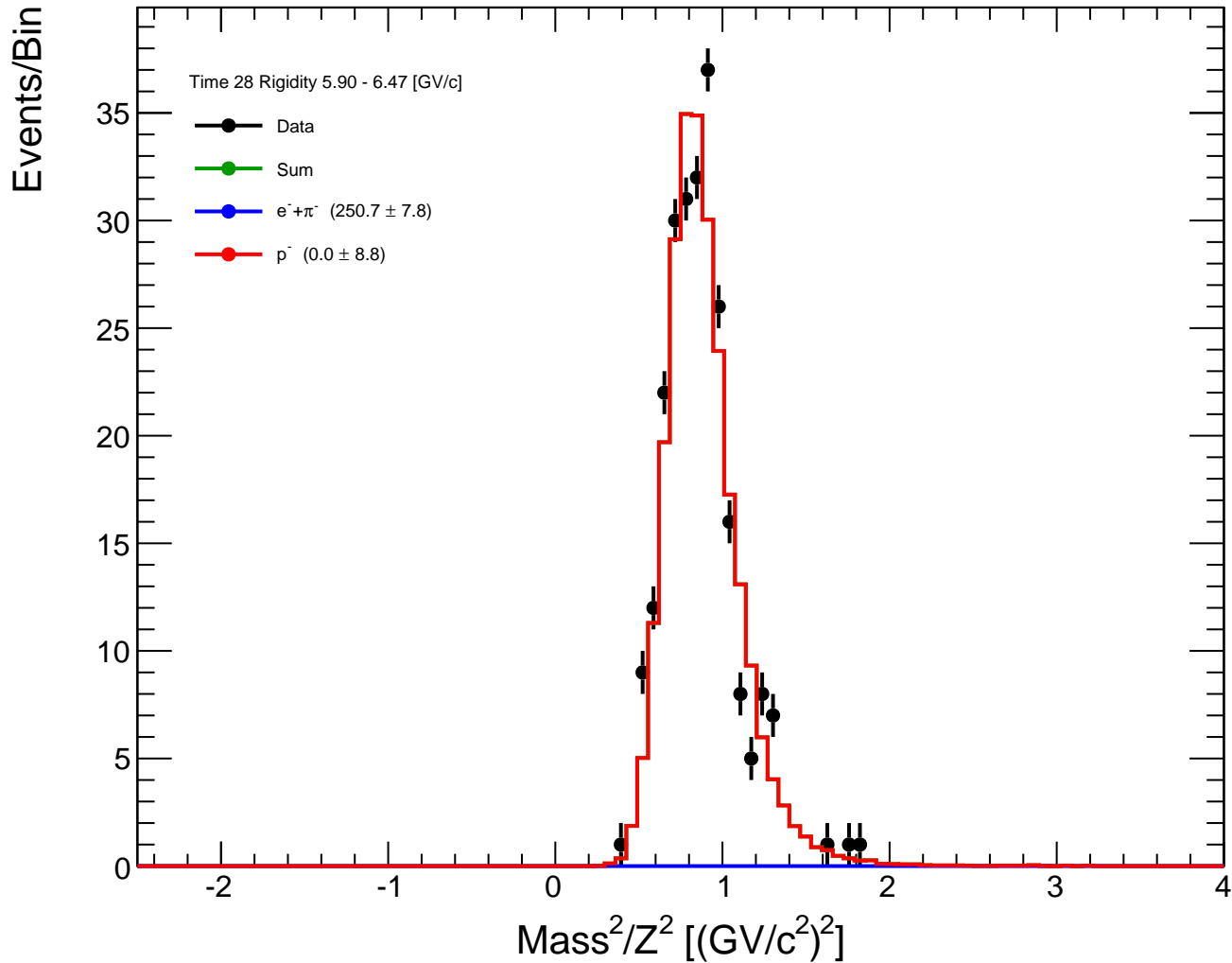






Events/Bin





Events/Bin

Time 28 Rigidity 6.47 - 7.09 [GV/c]

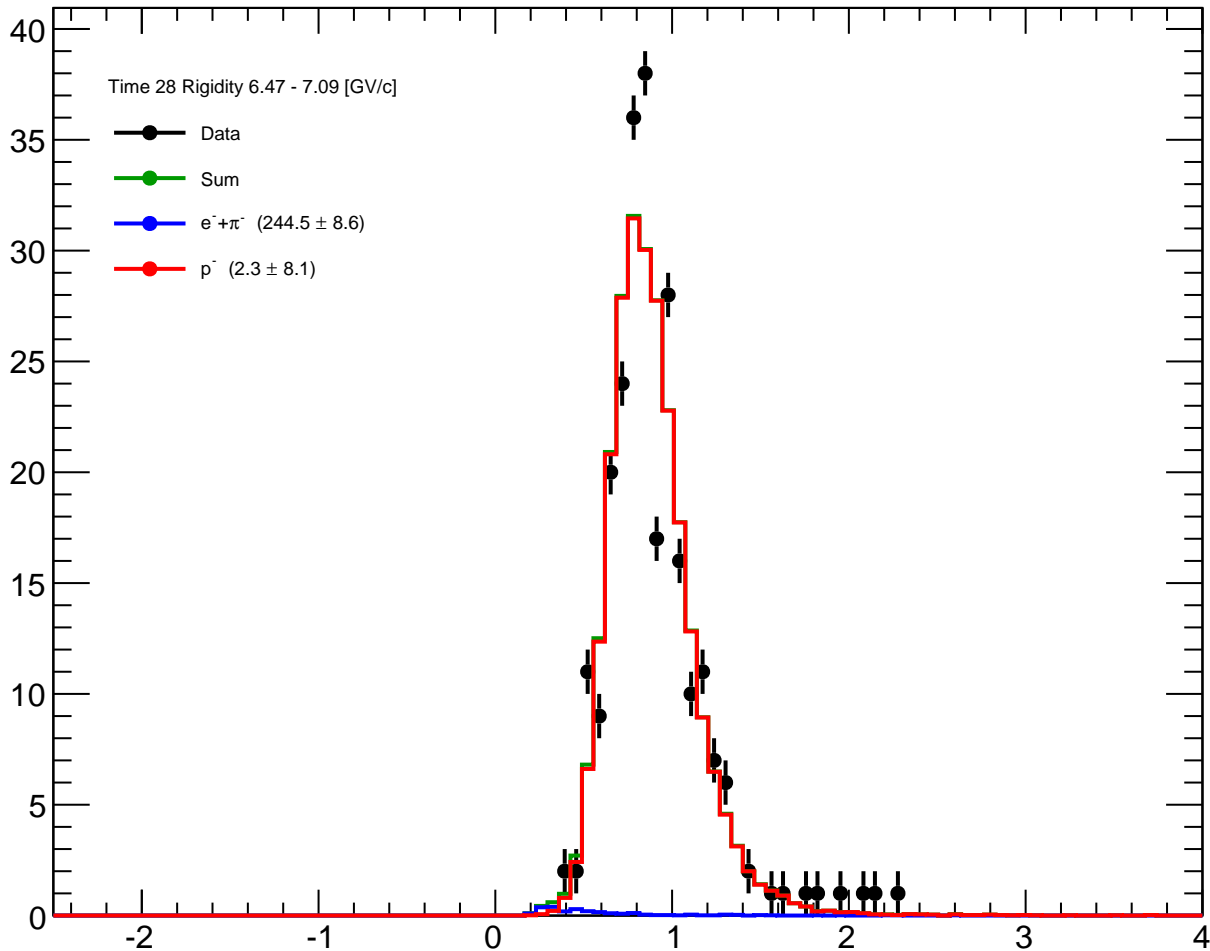
● Data

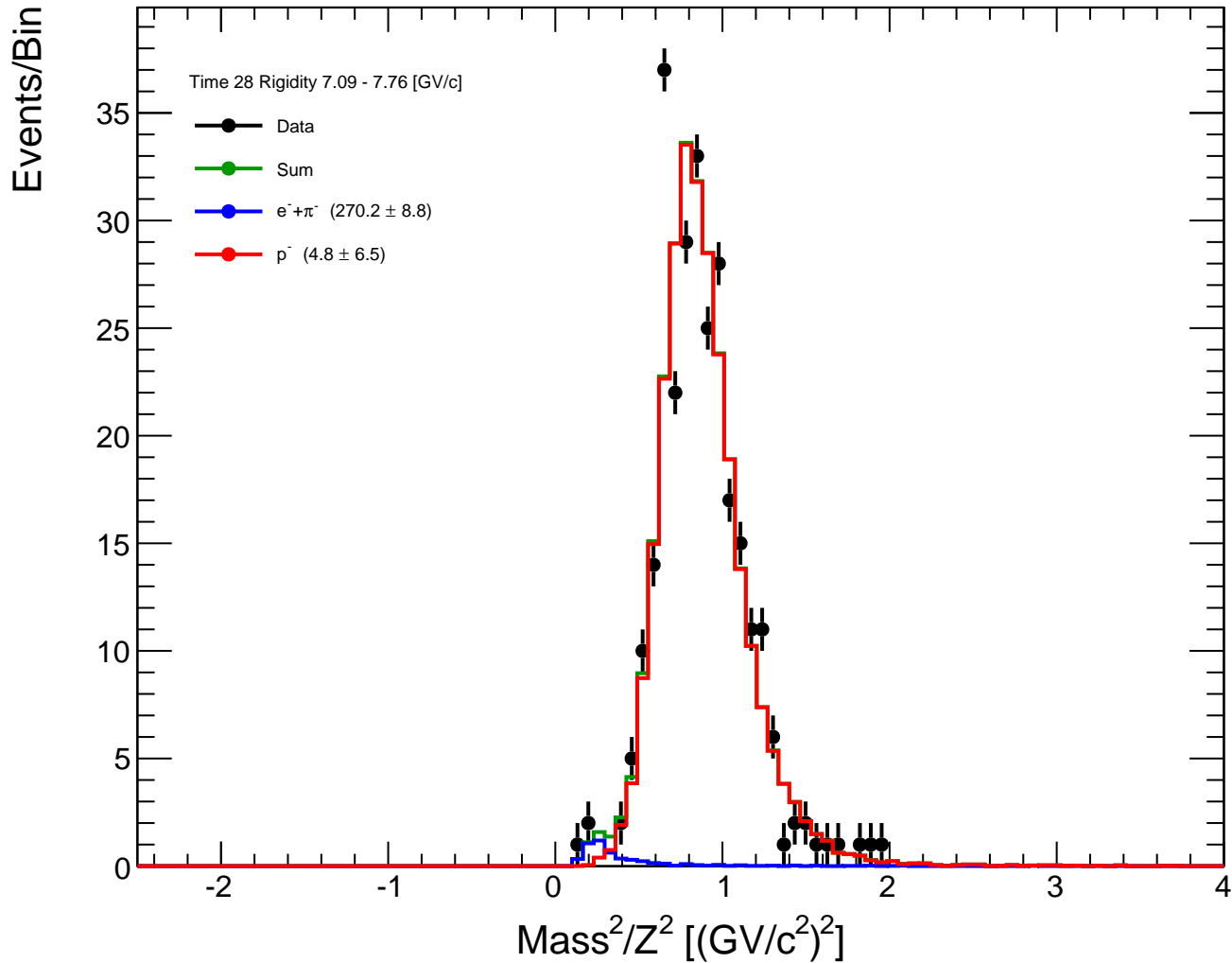
● Sum

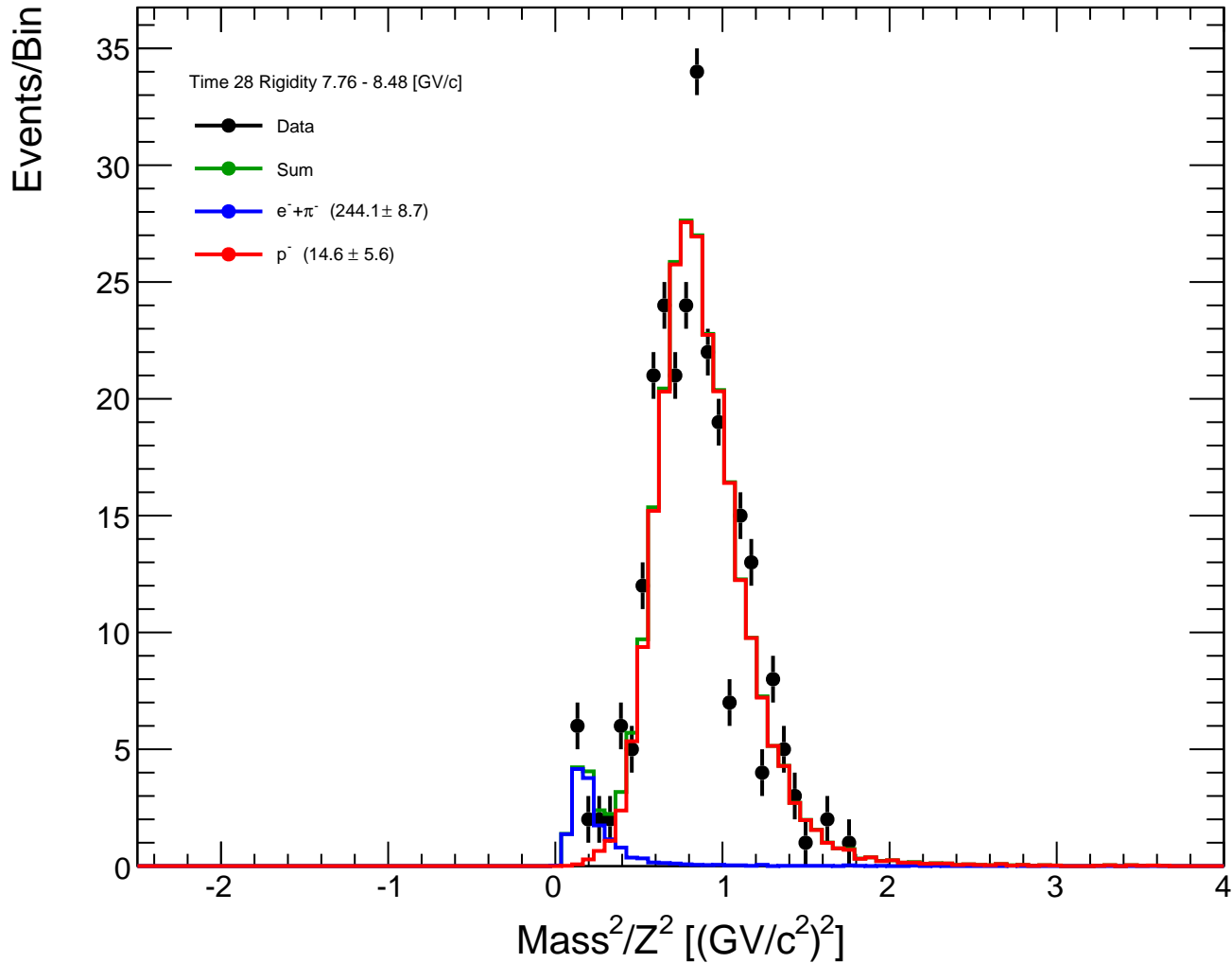
● $e^- + \pi^-$ (244.5 ± 8.6)

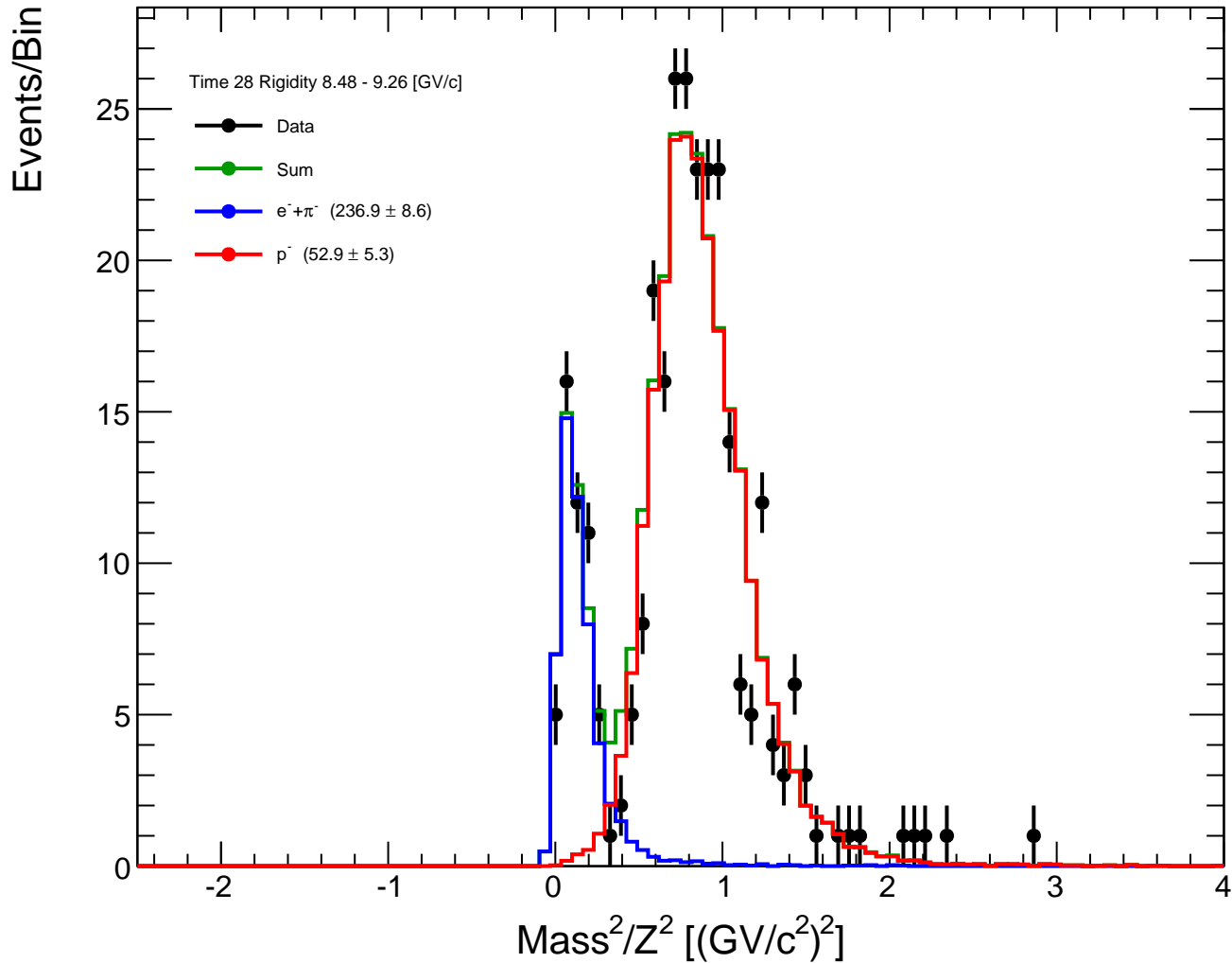
● p^- (2.3 ± 8.1)

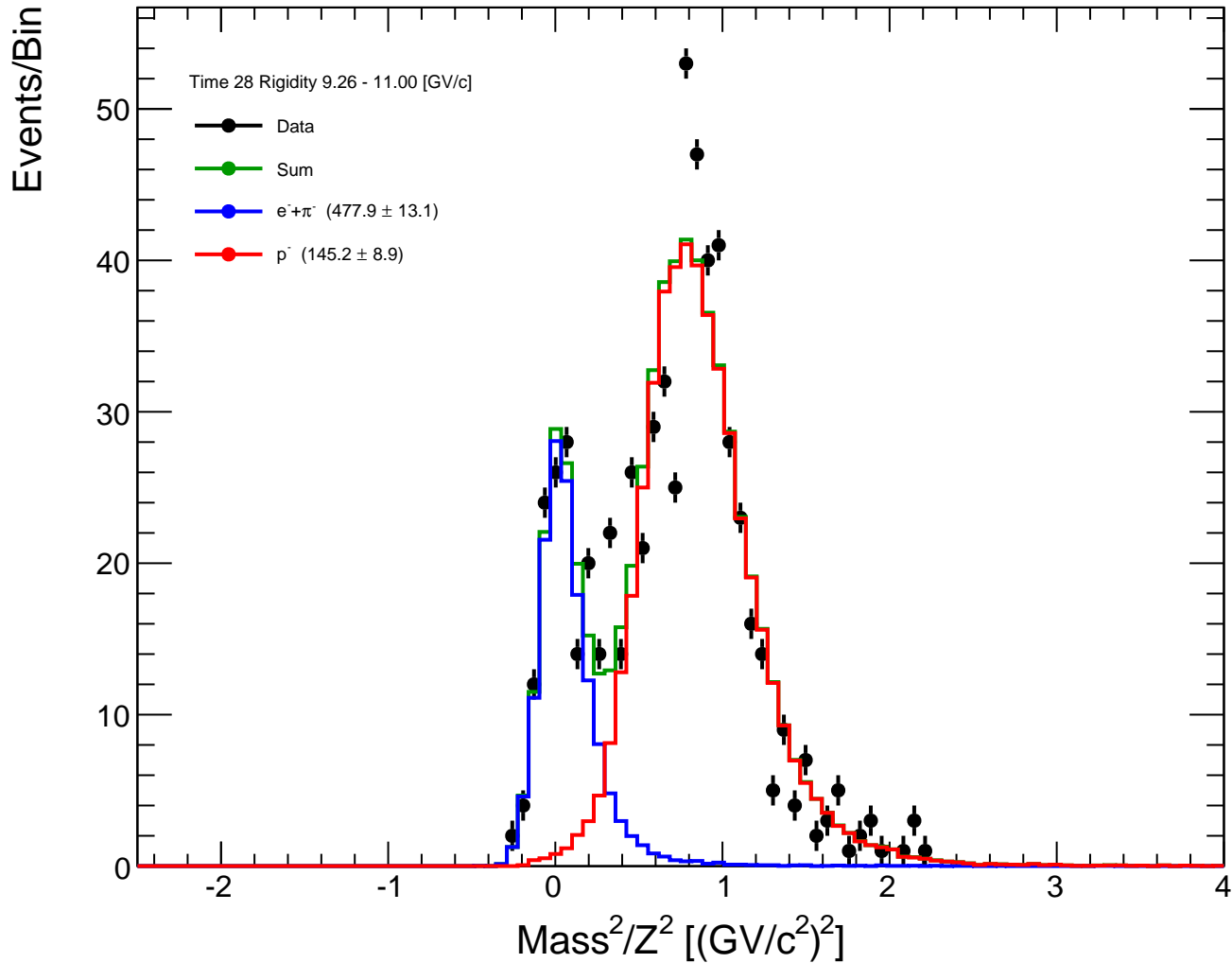
$\text{Mass}^2/Z^2 [(\text{GV}/c^2)^2]$

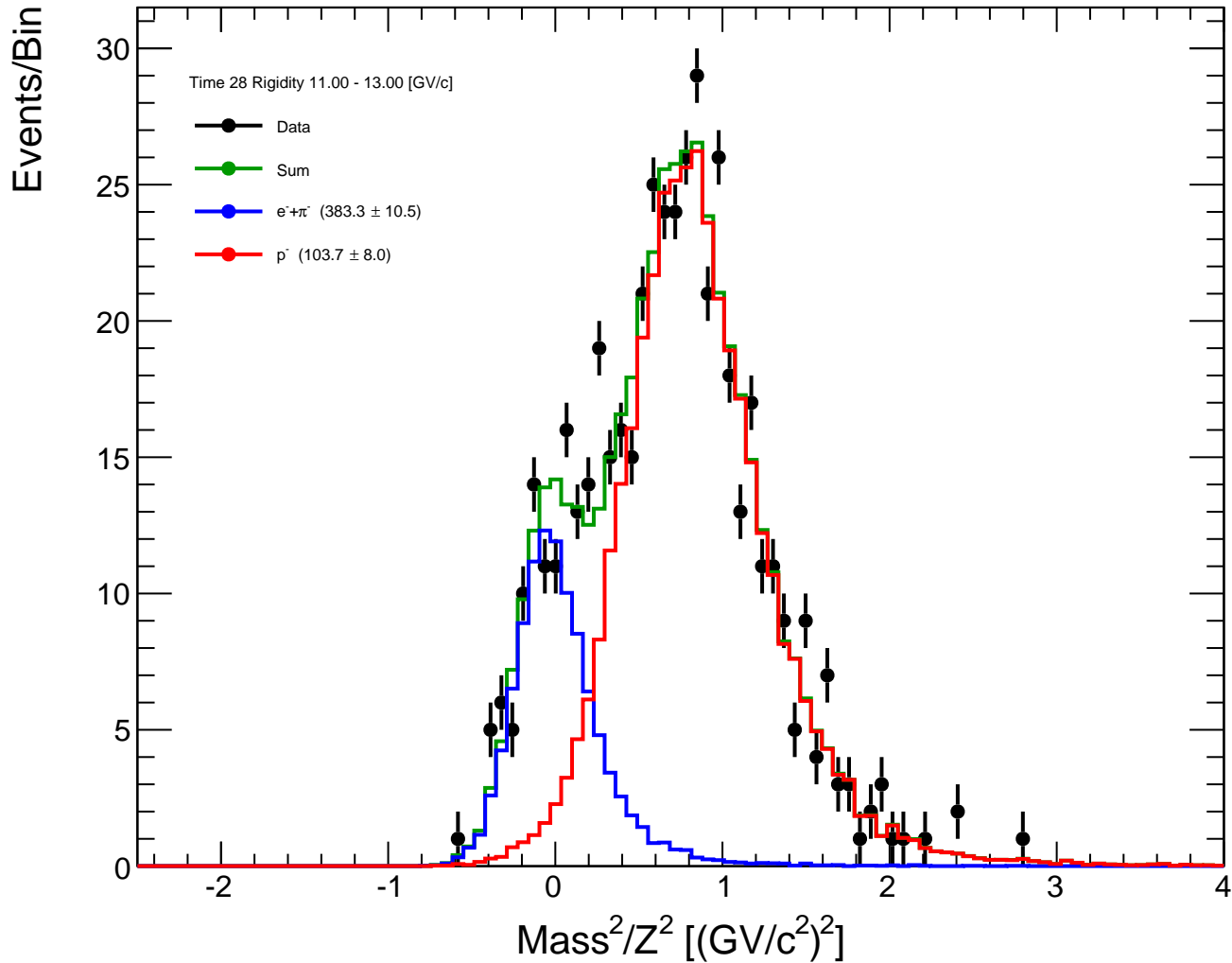


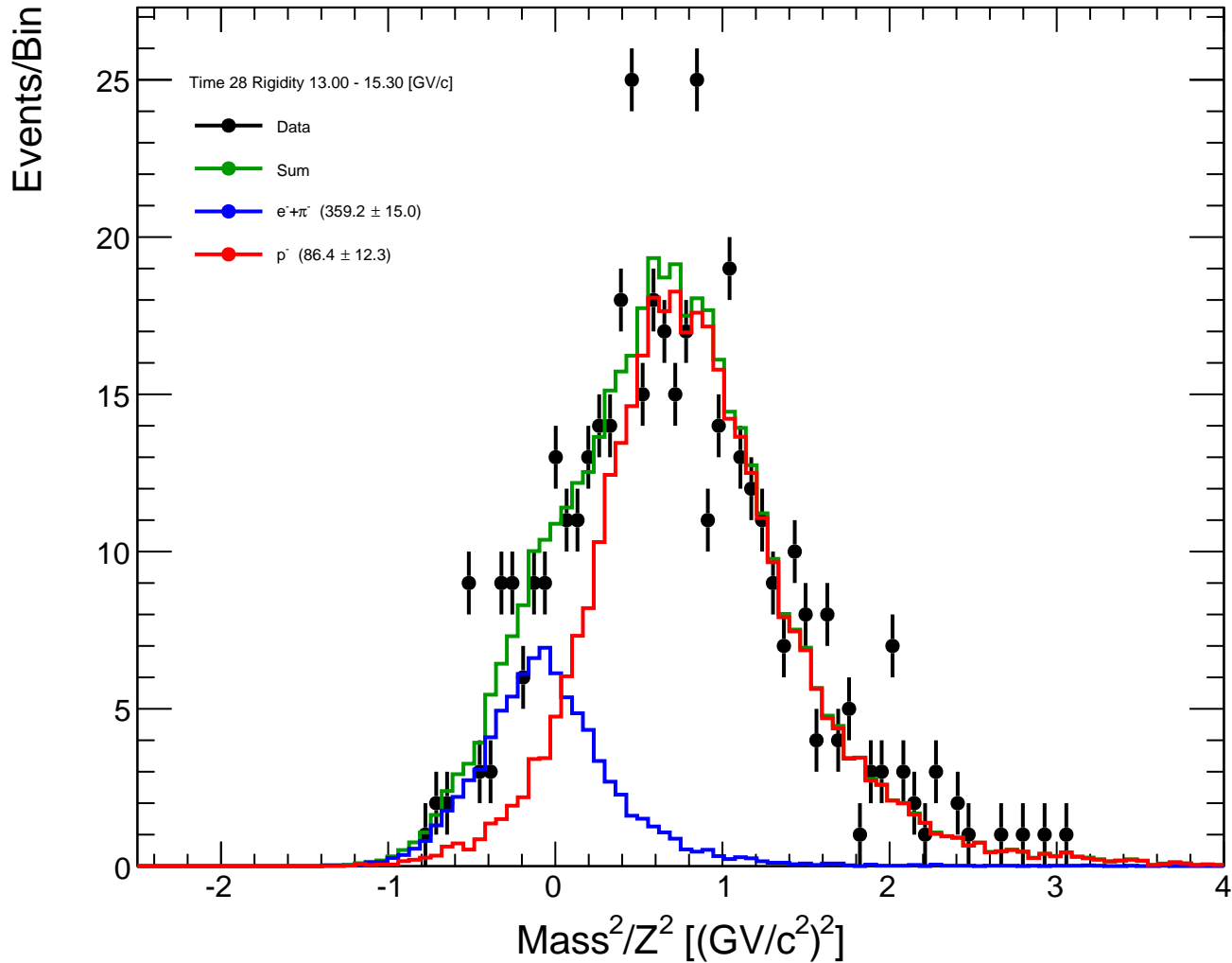


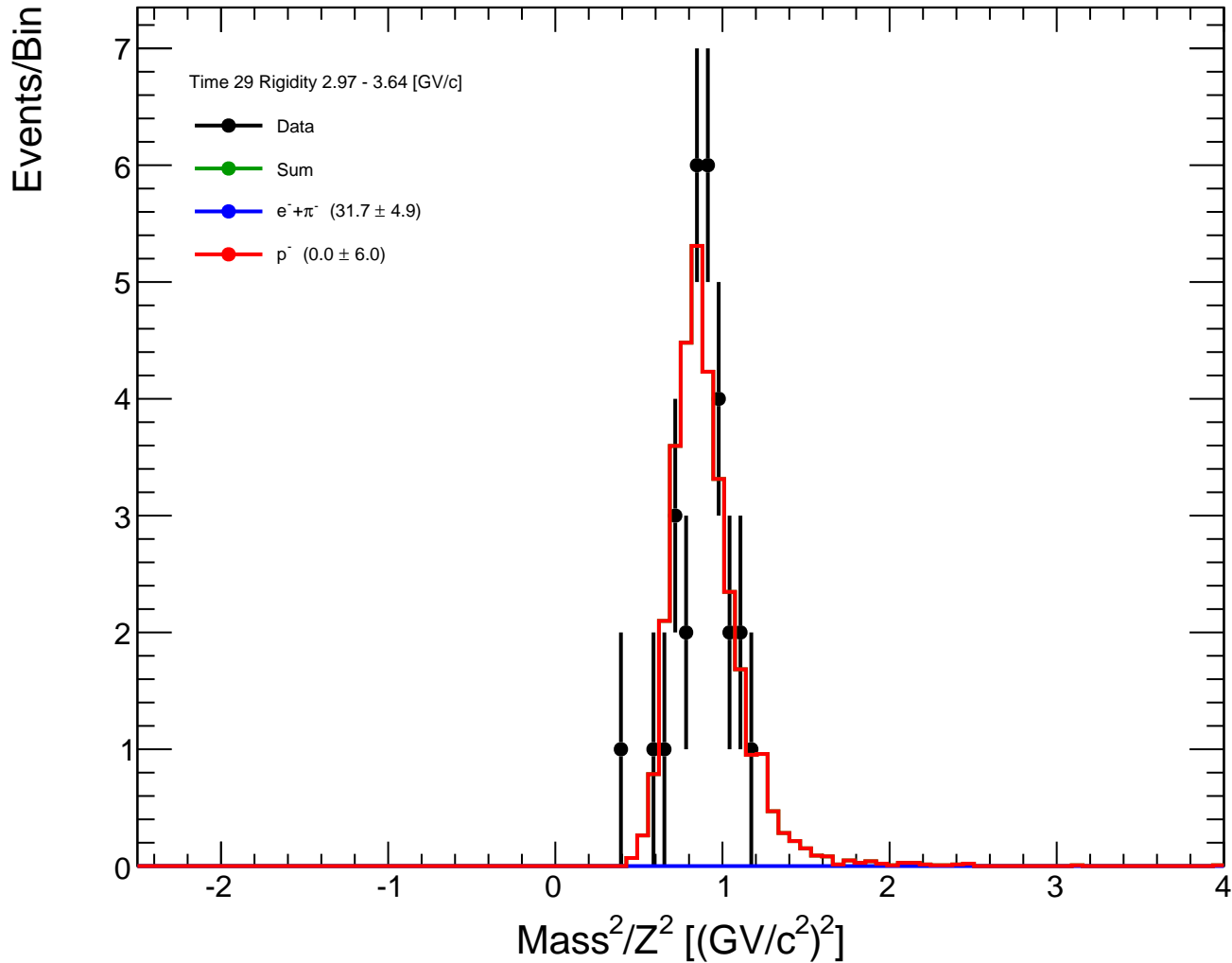


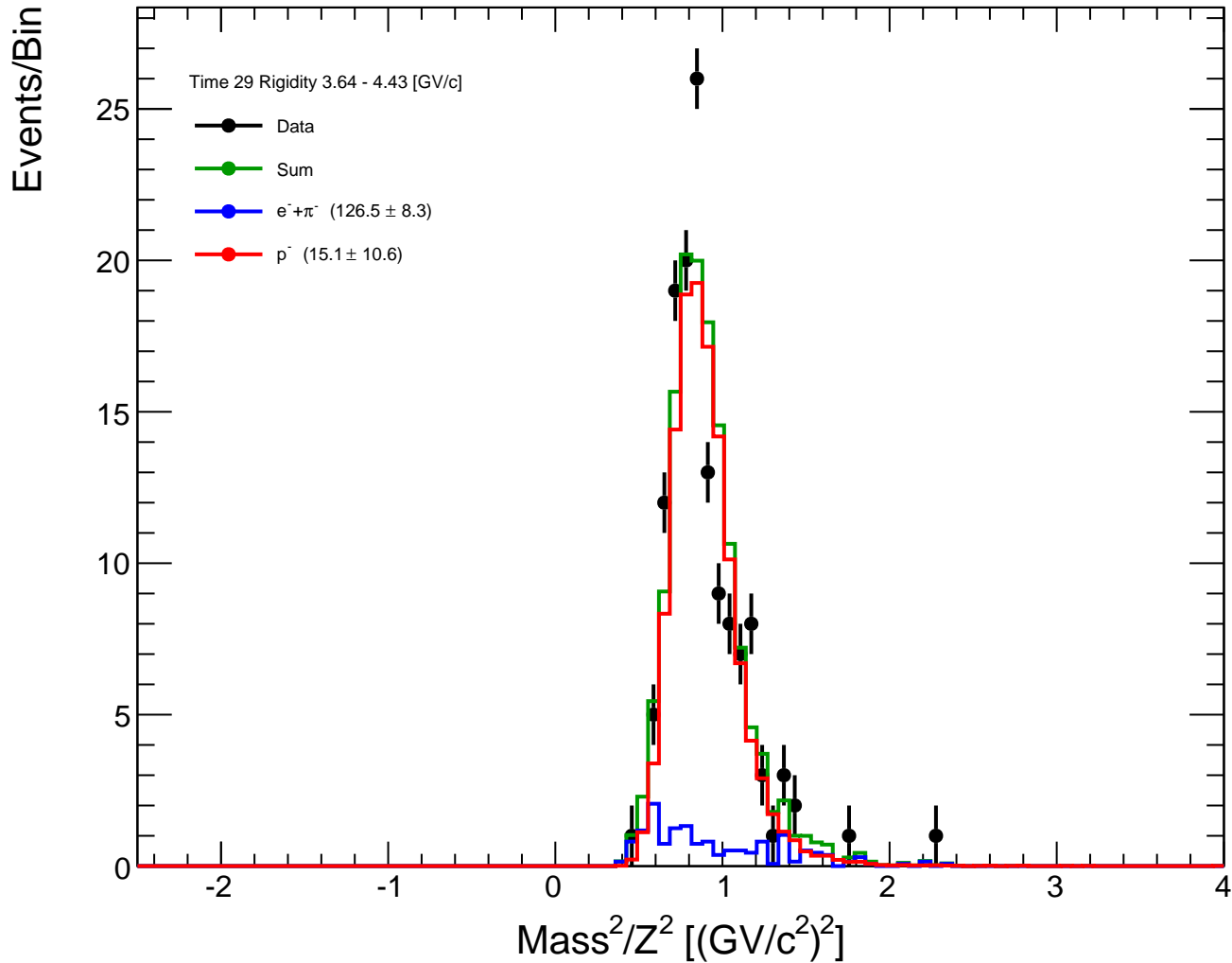


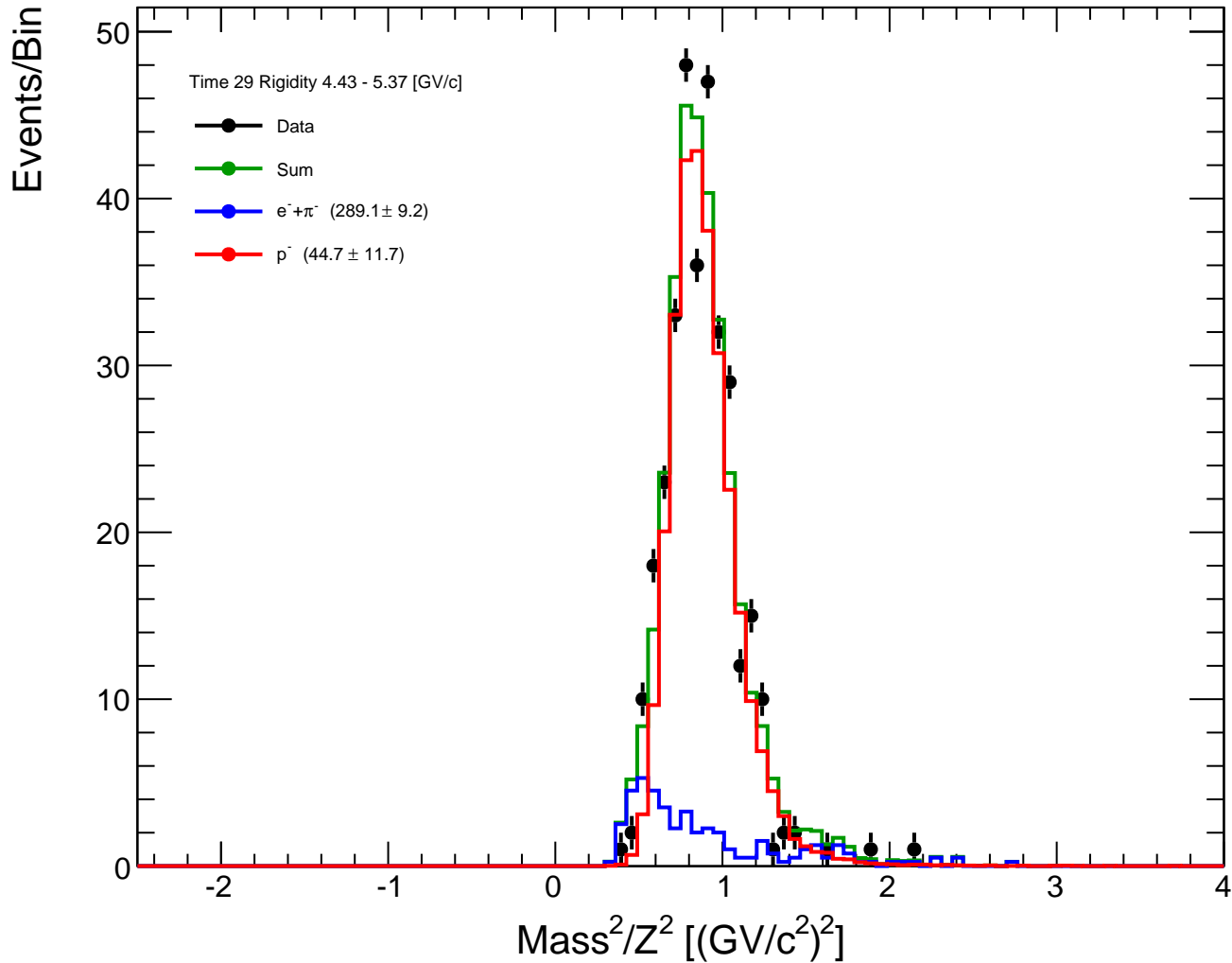


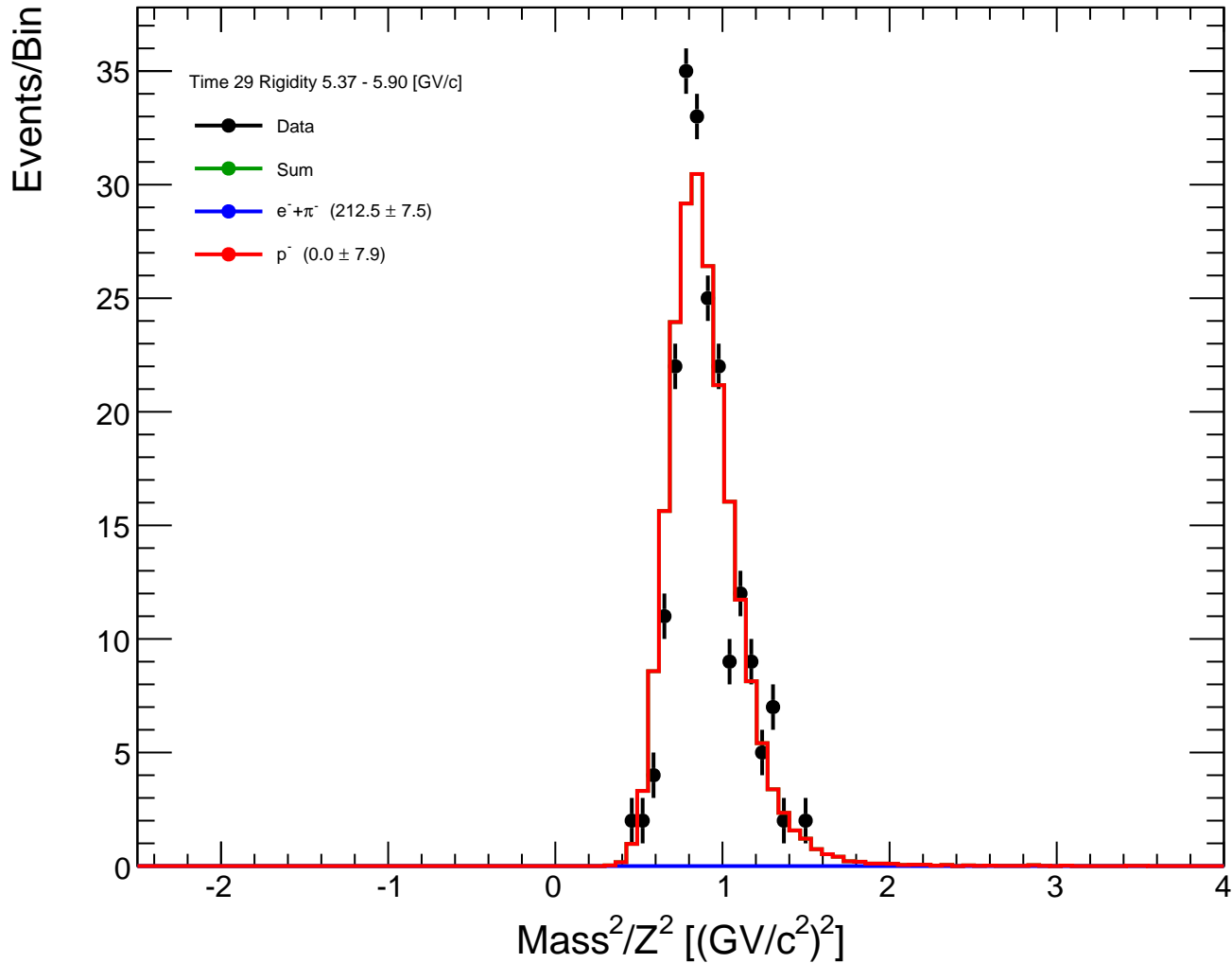


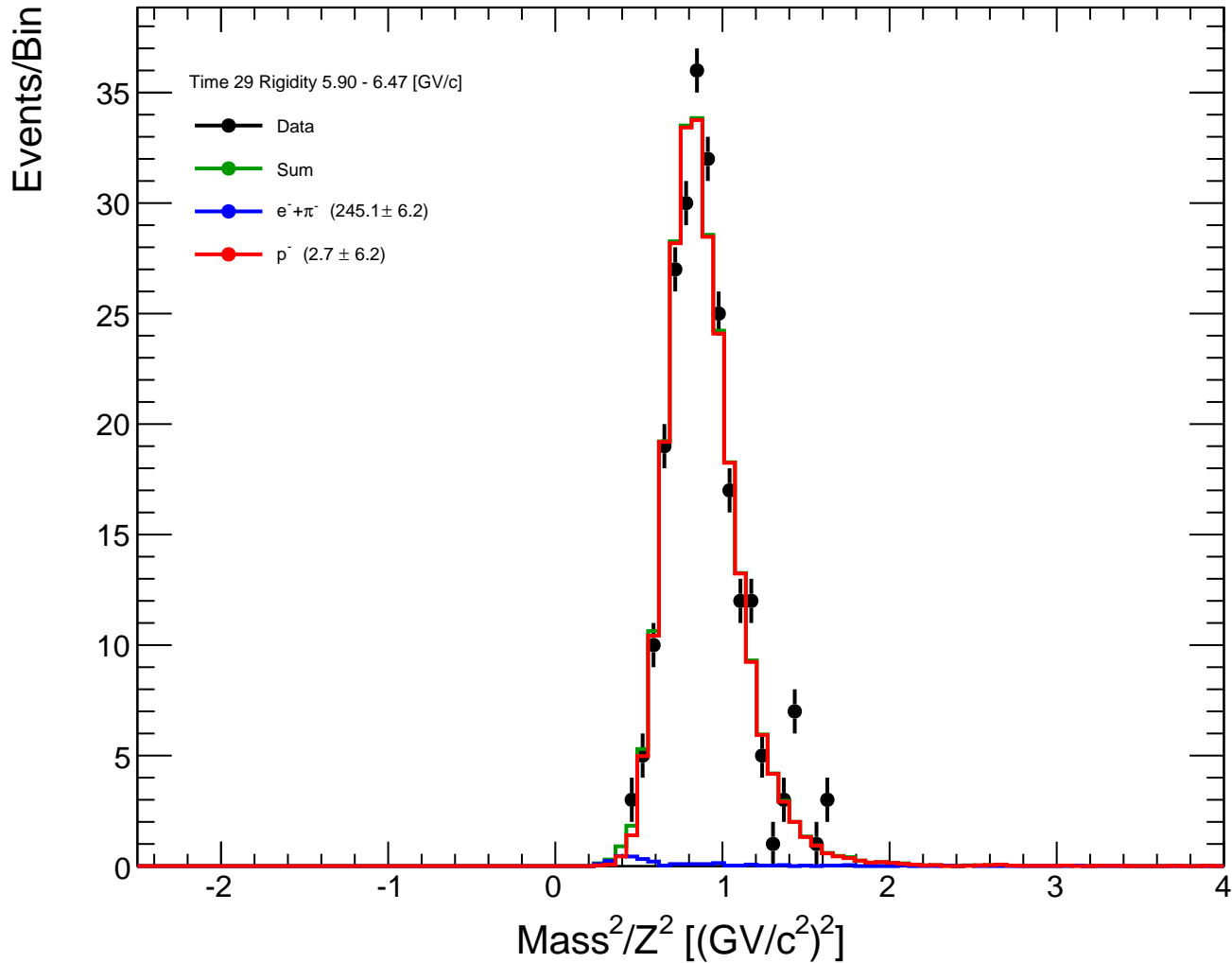


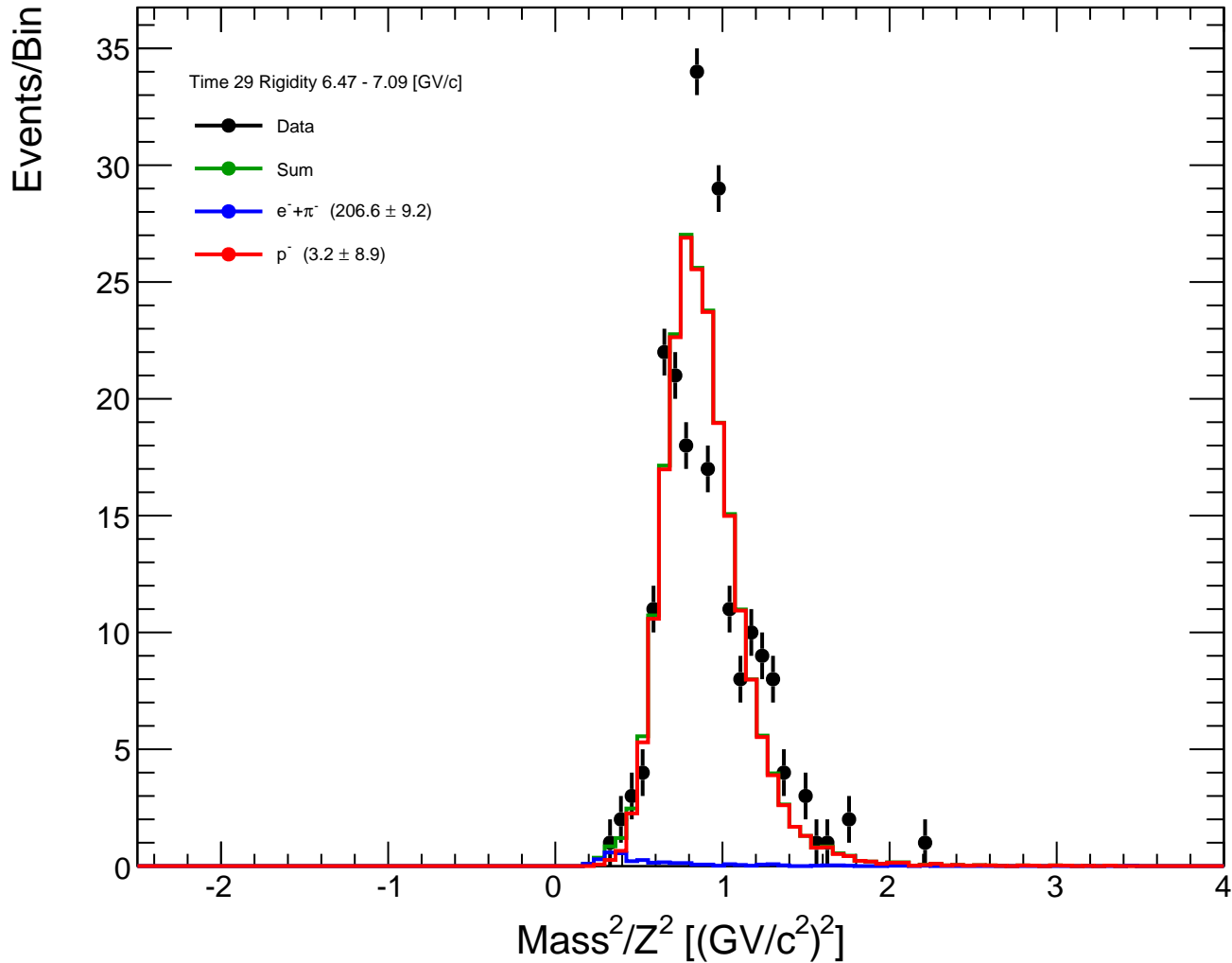


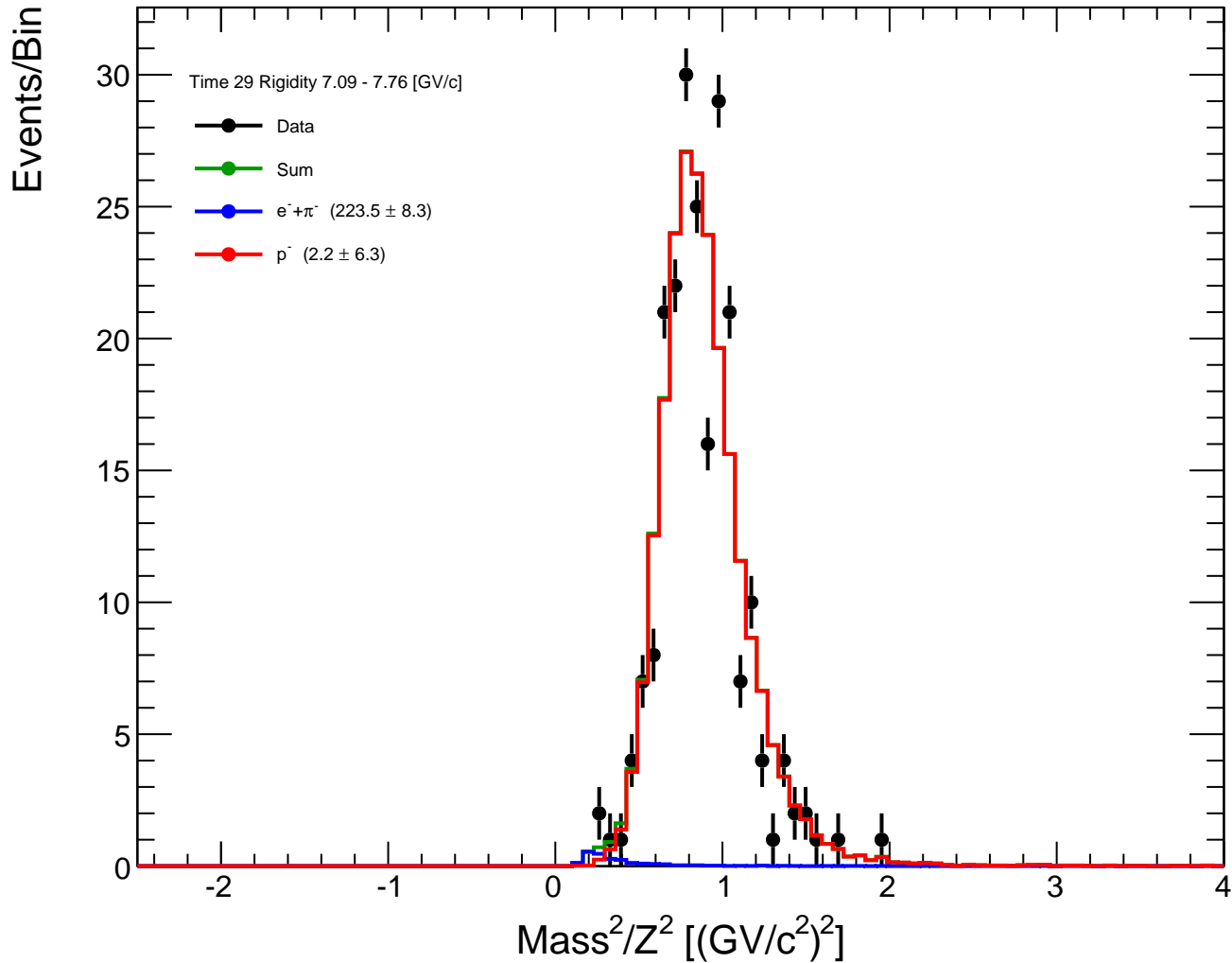


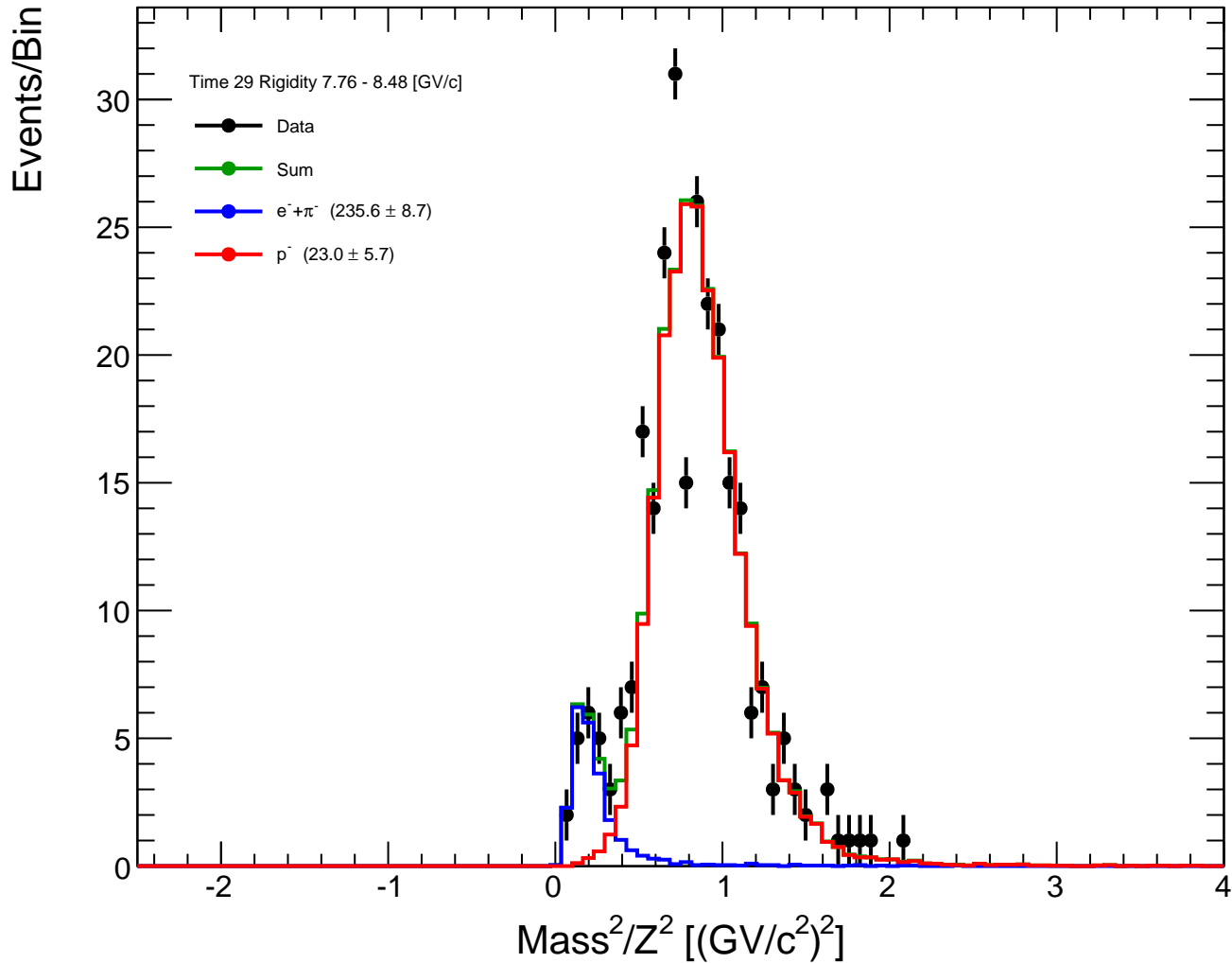




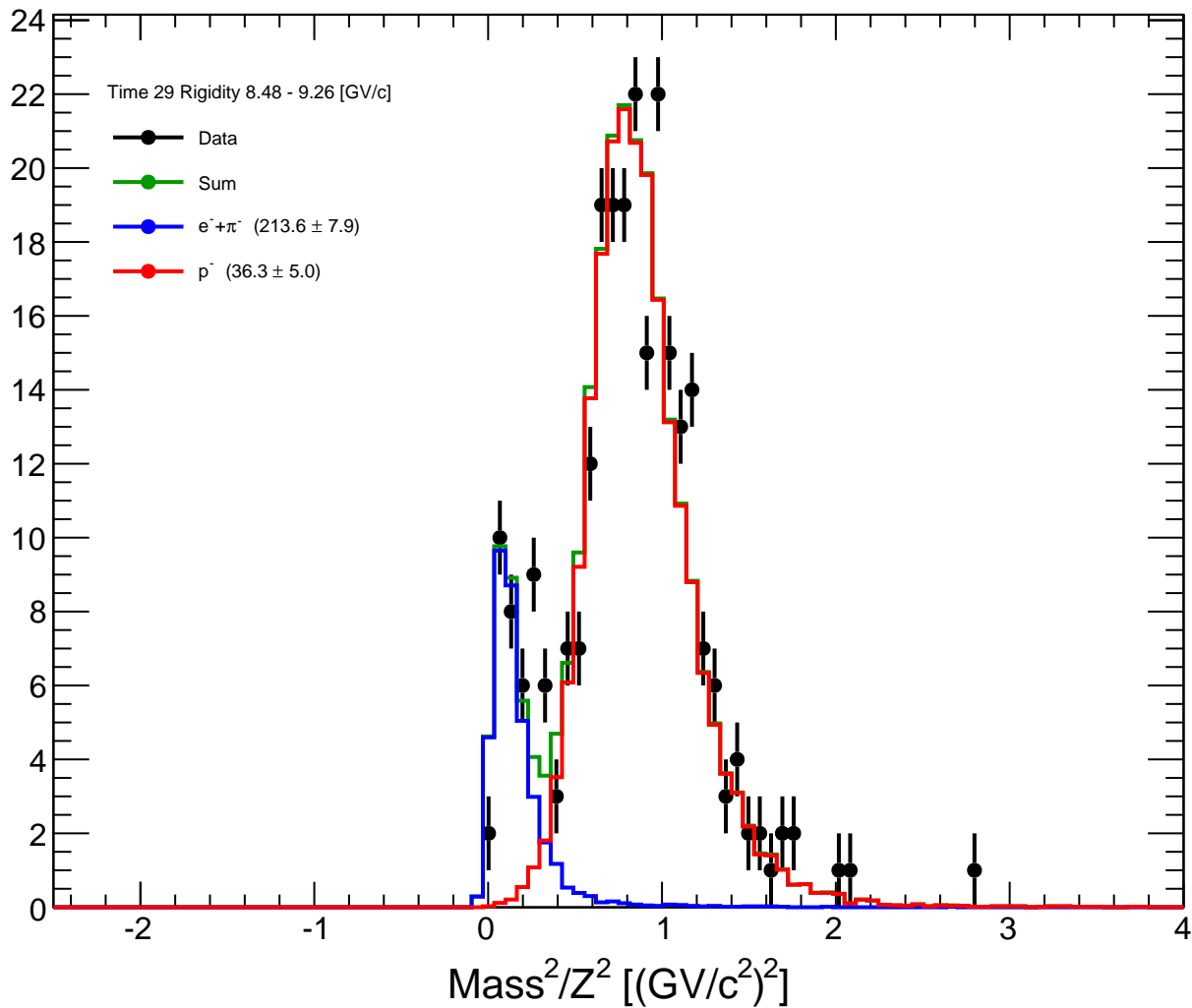


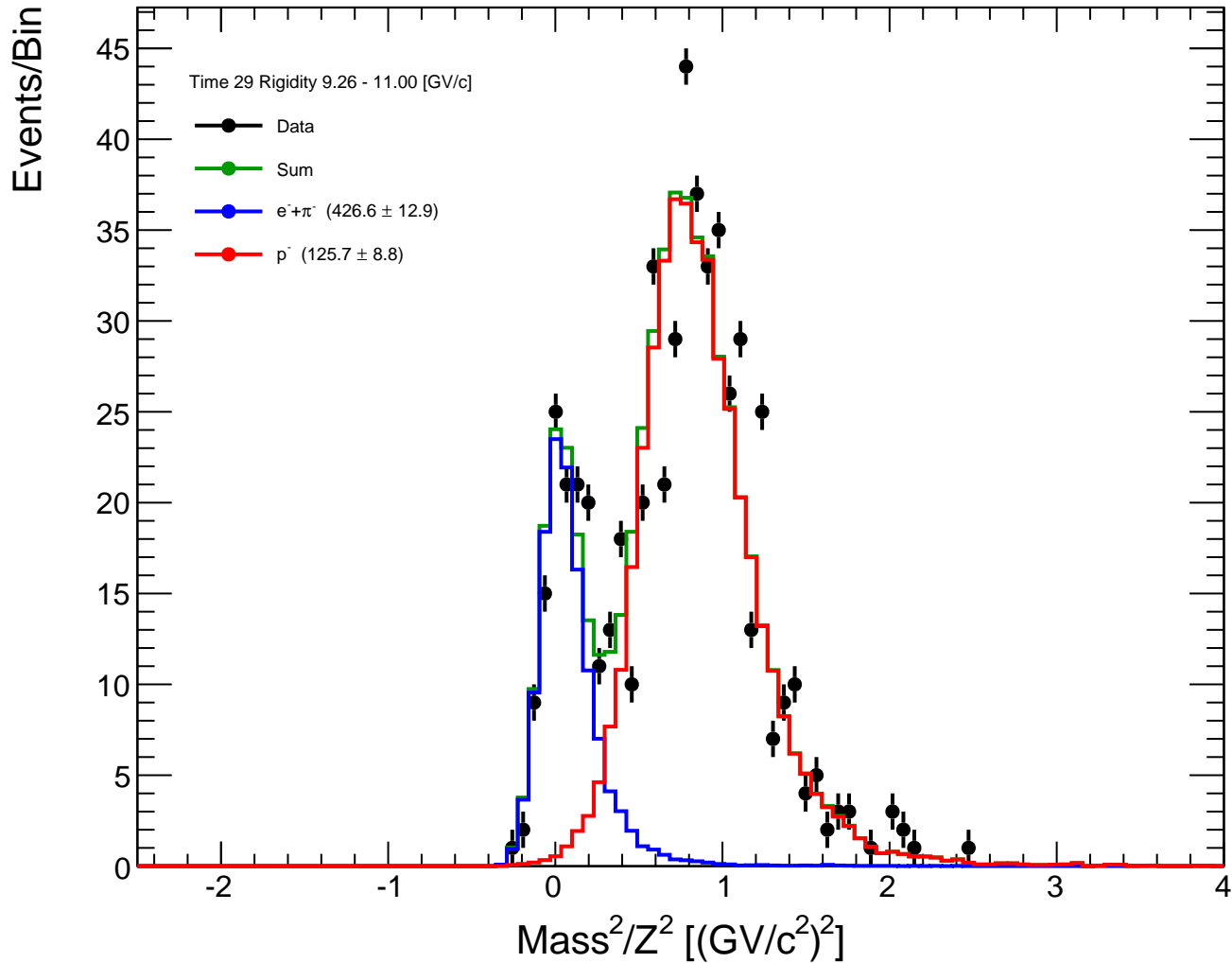




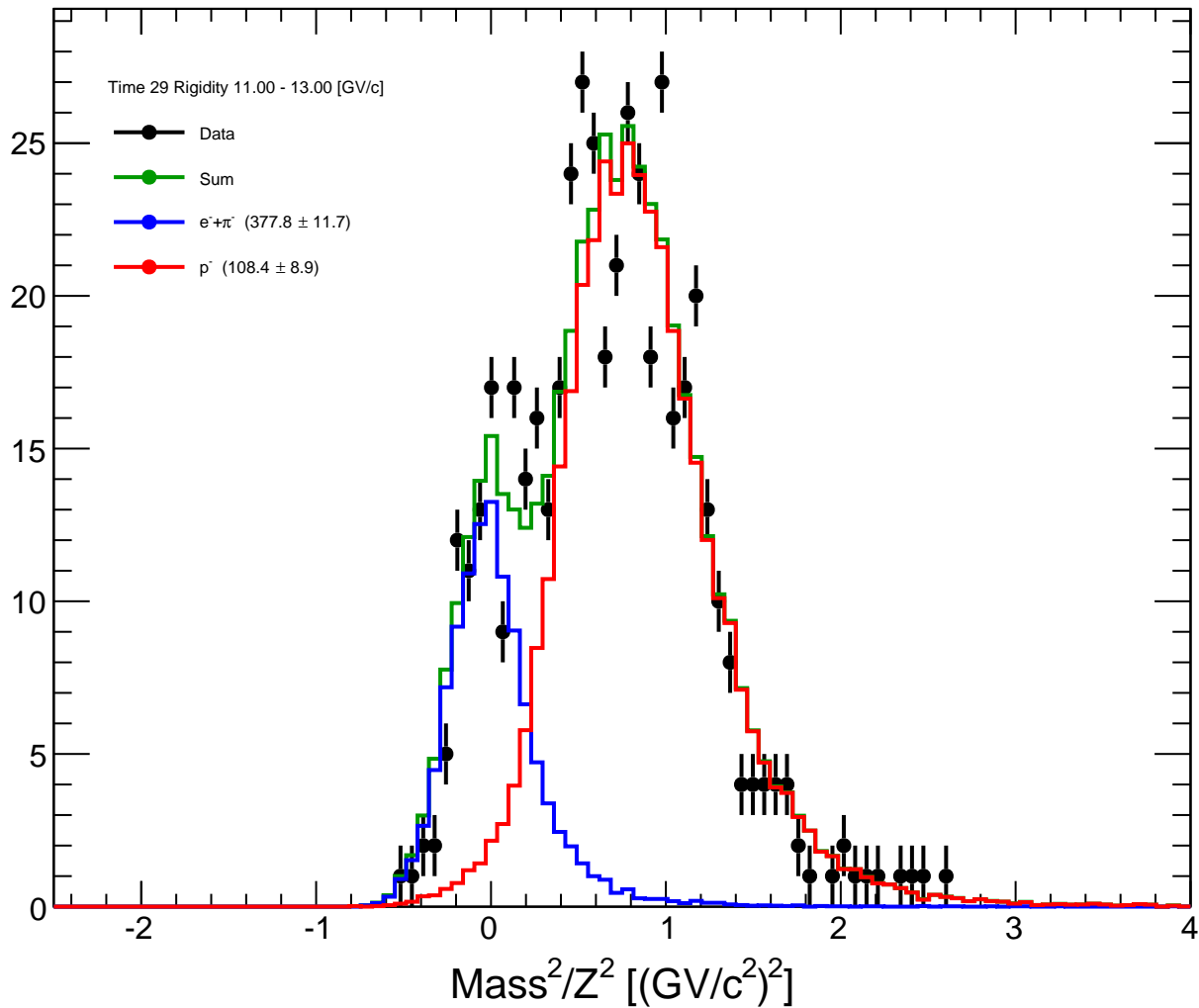


Events/Bin

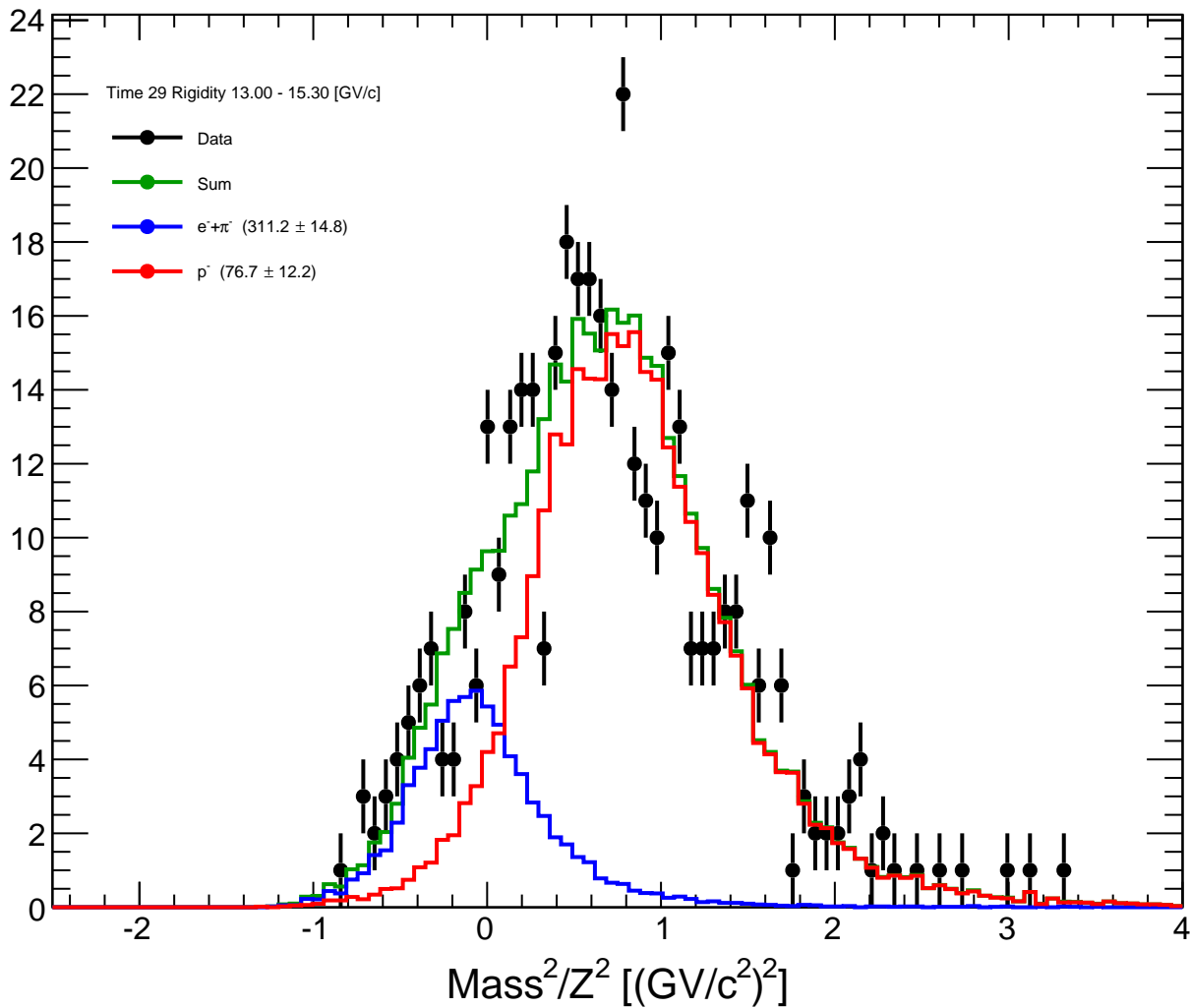


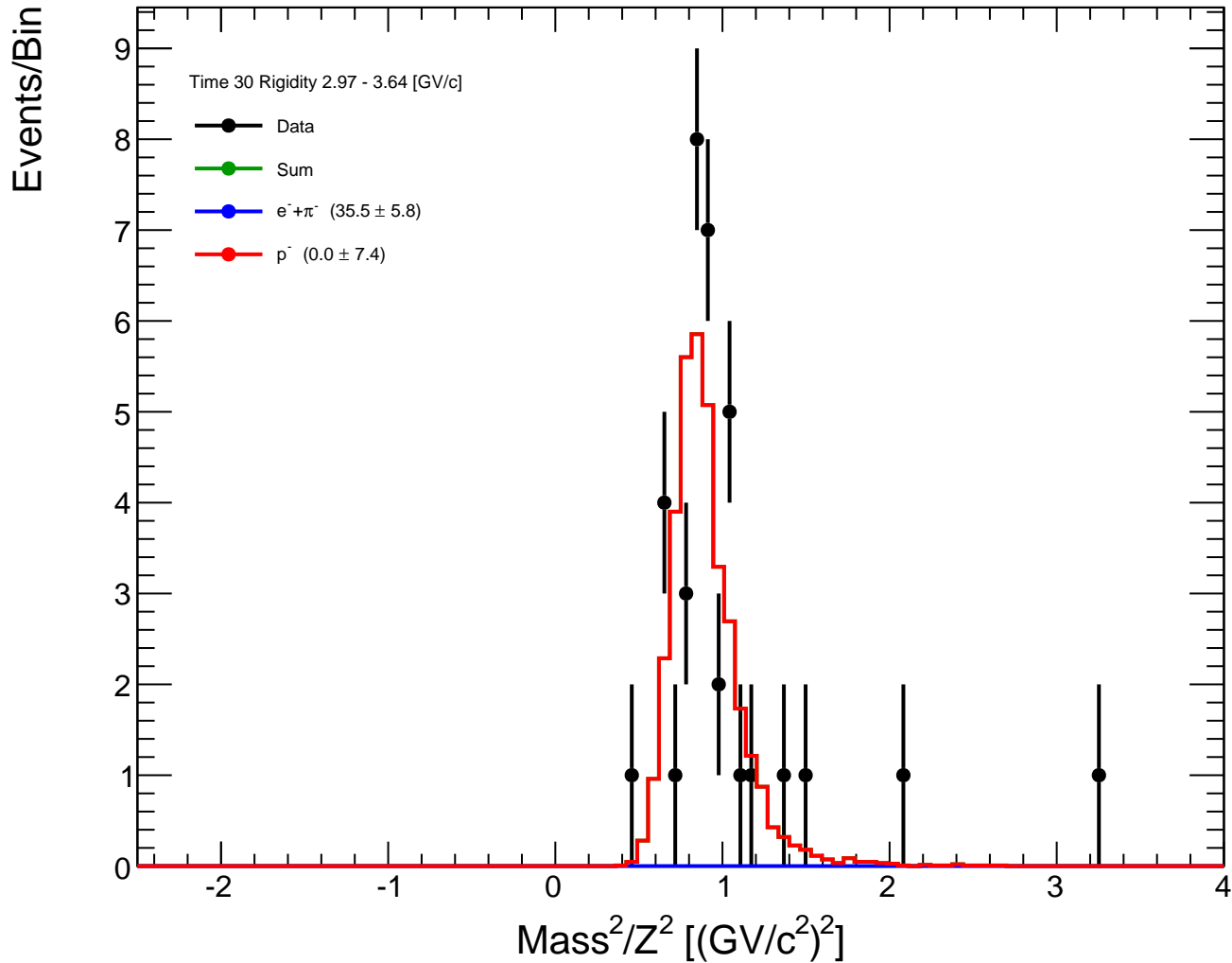


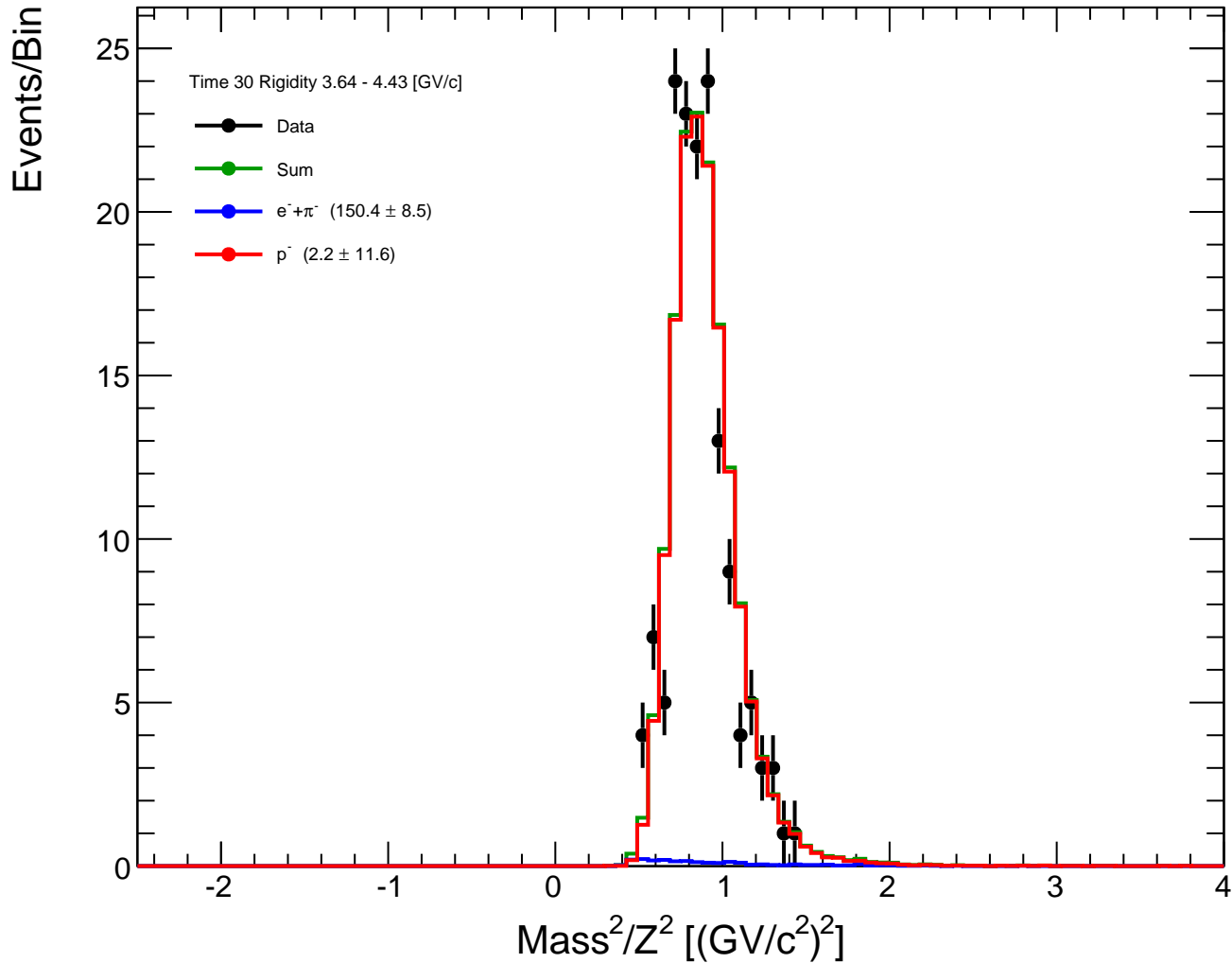
Events/Bin



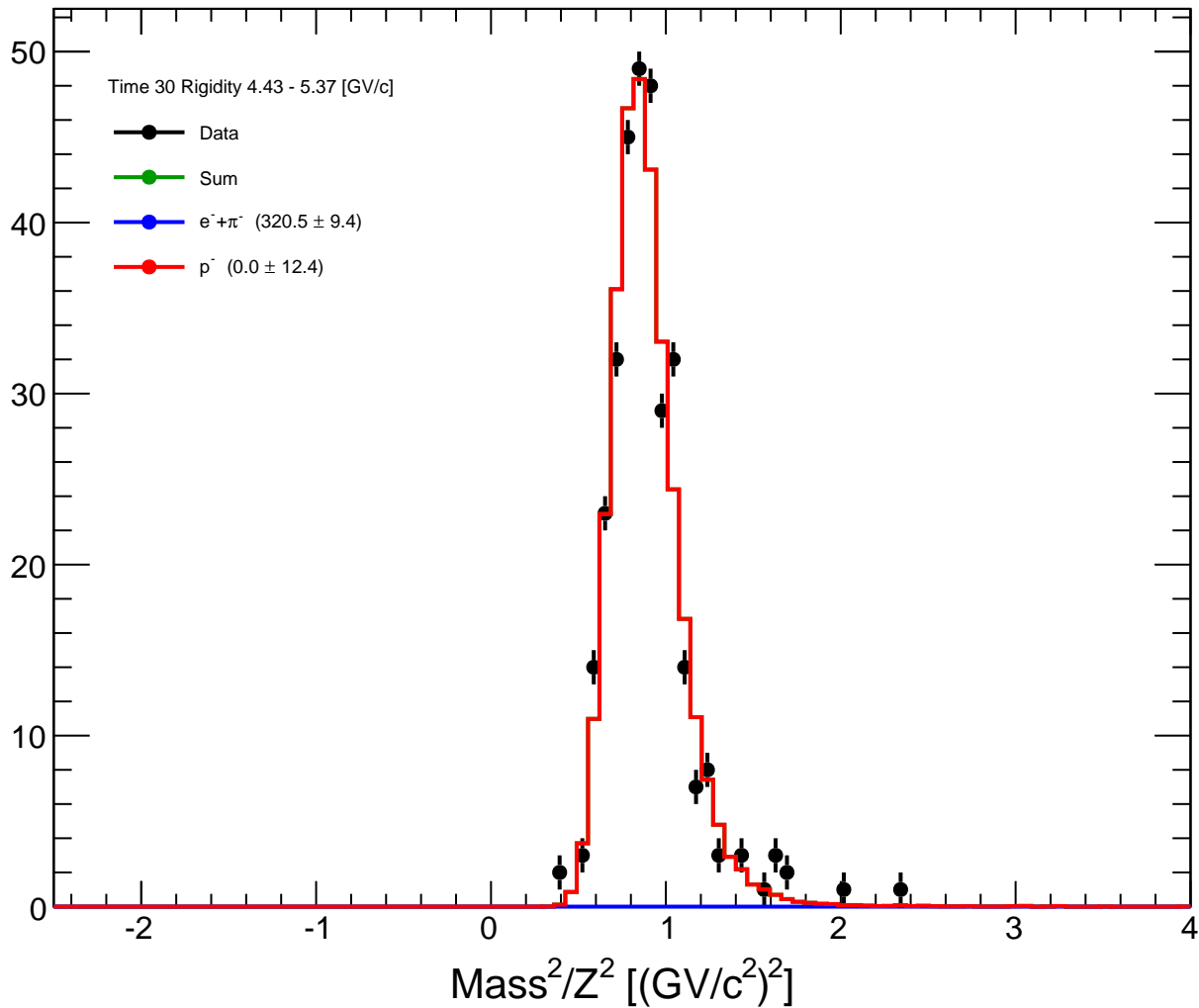
Events/Bin

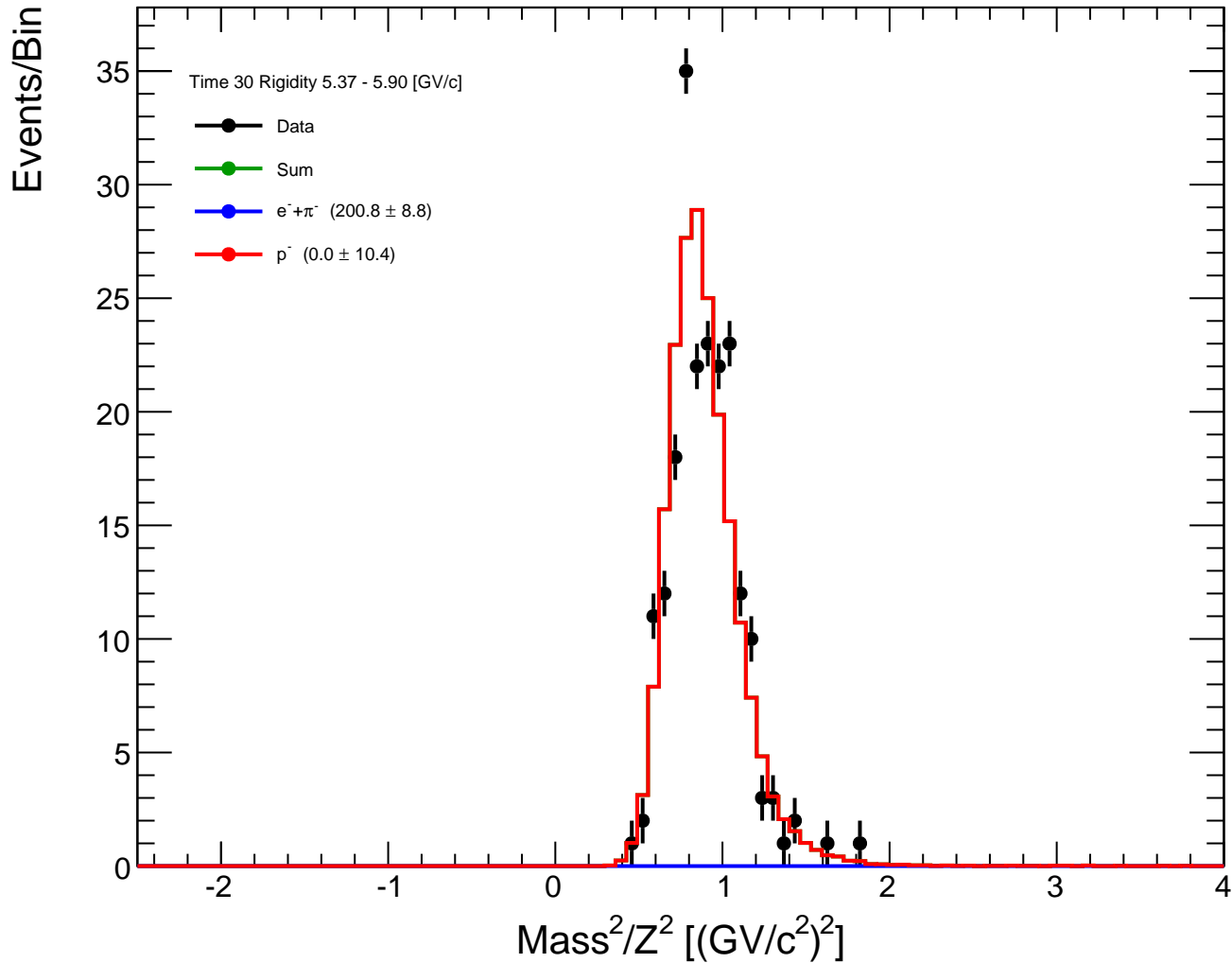


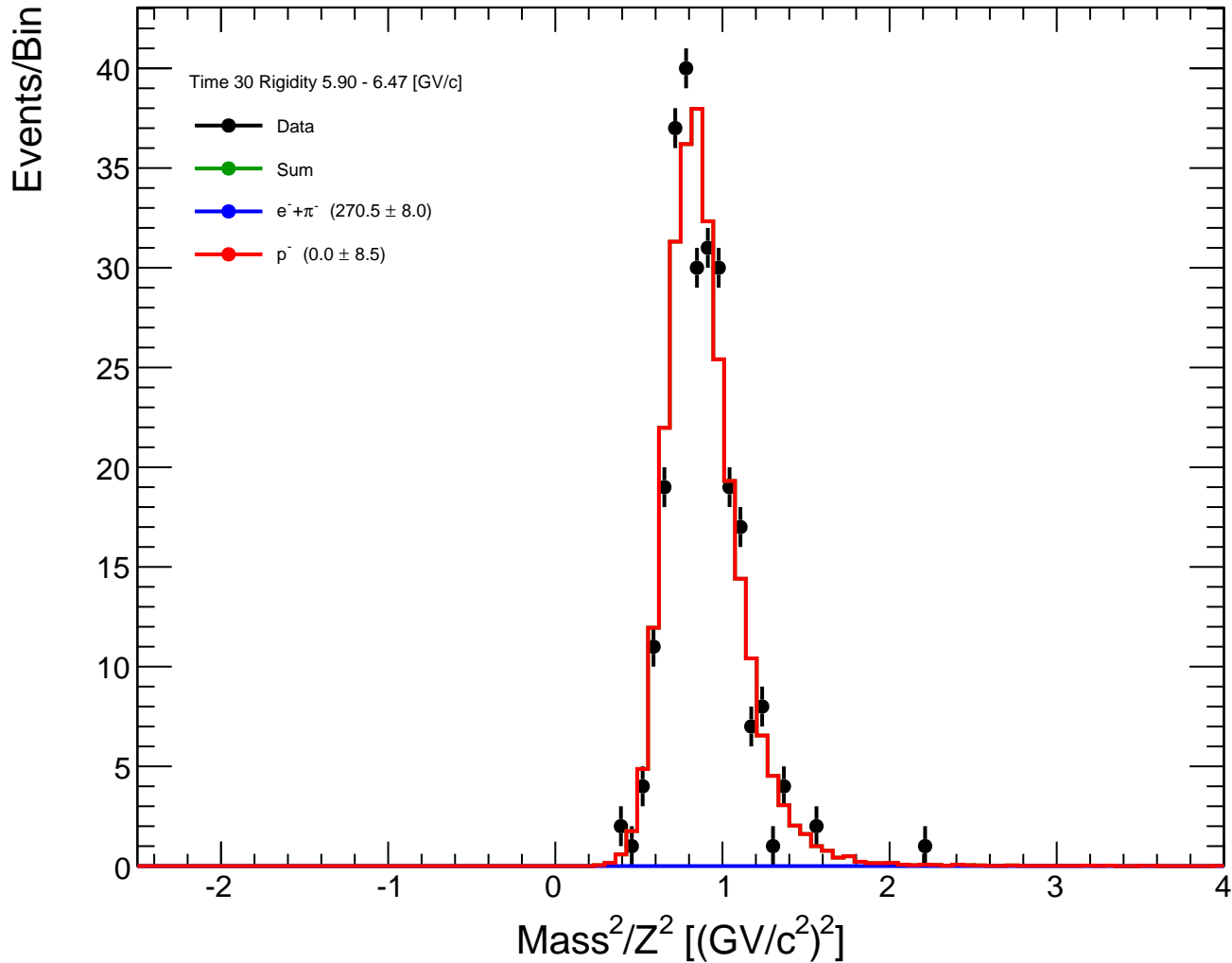


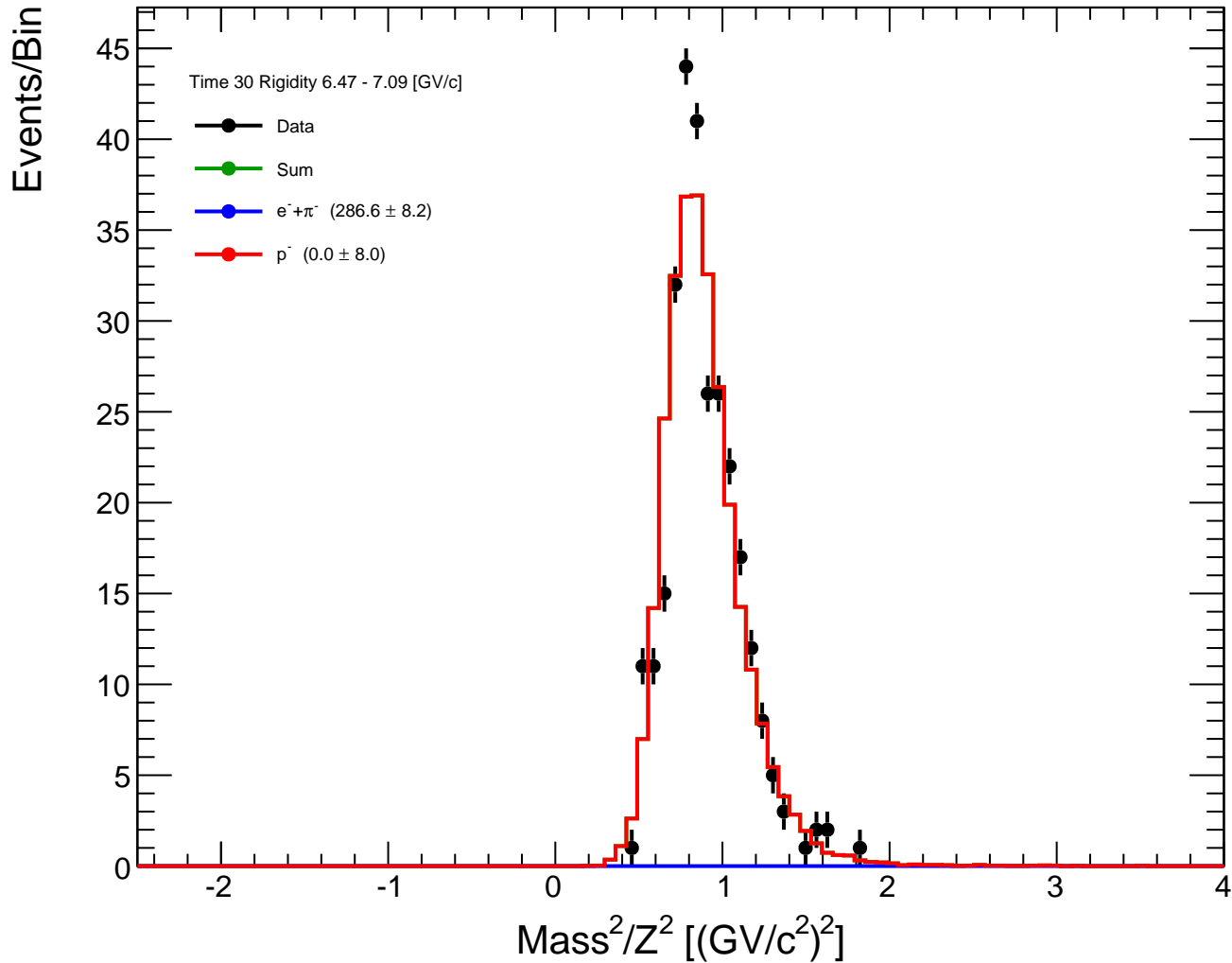


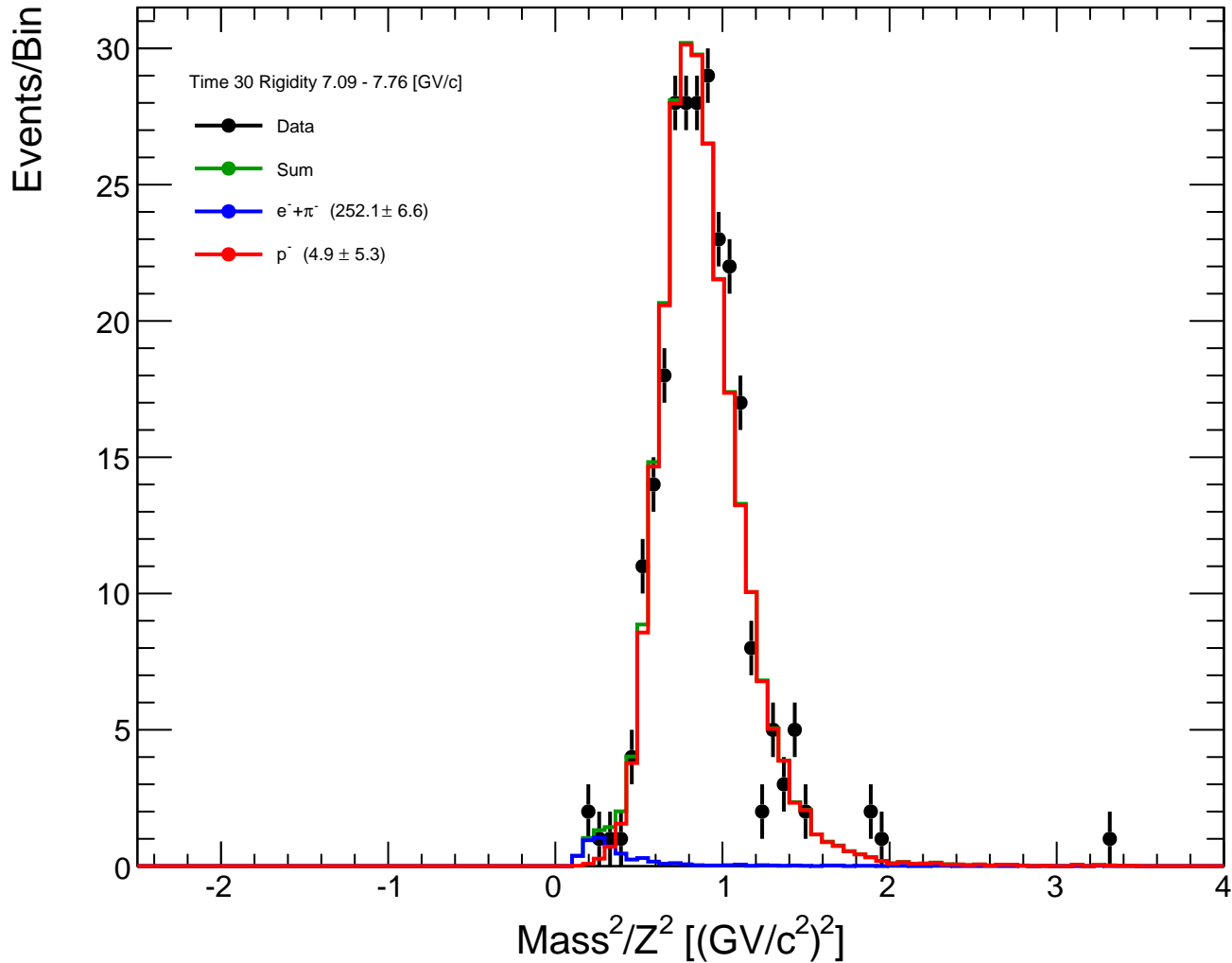
Events/Bin



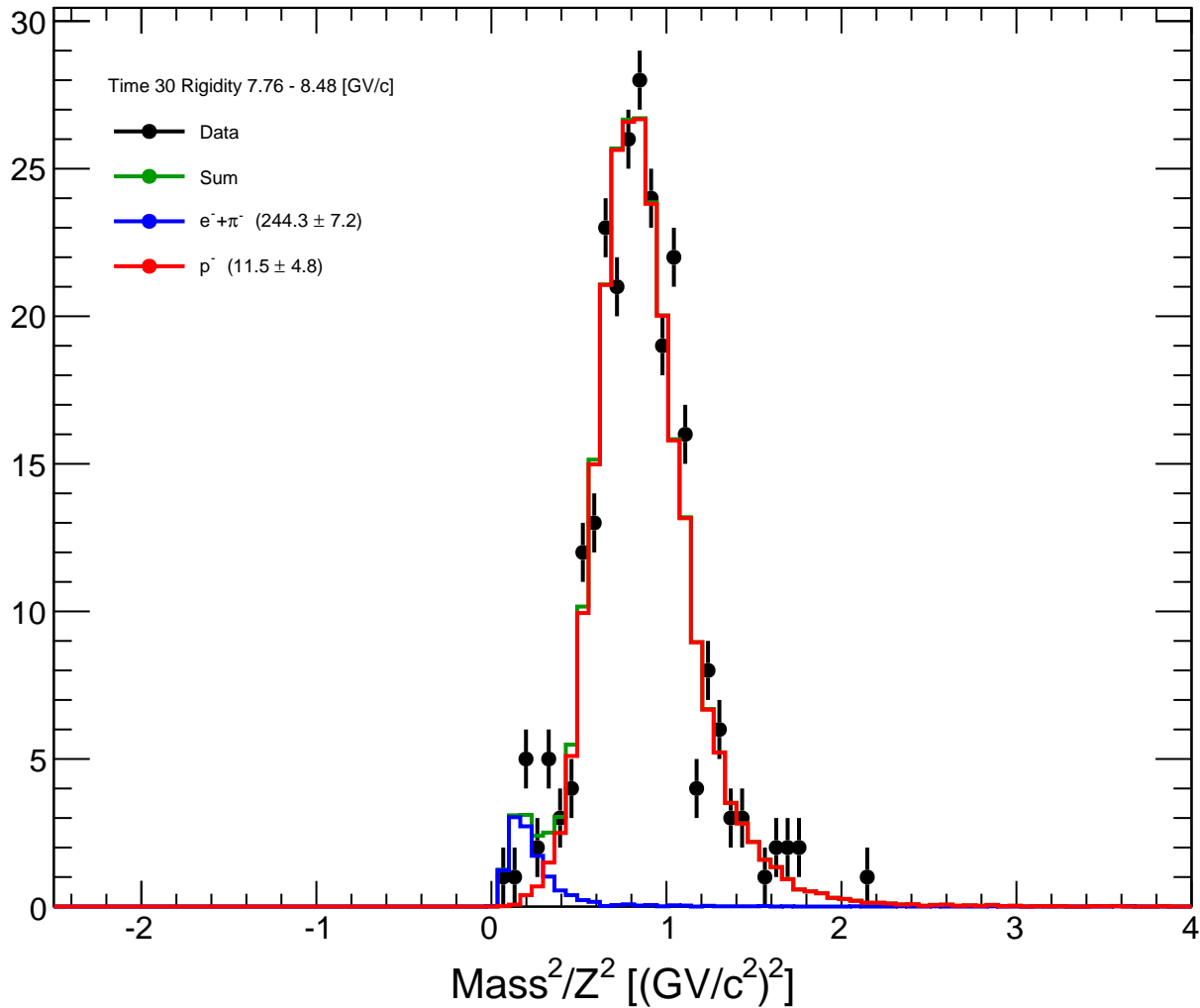




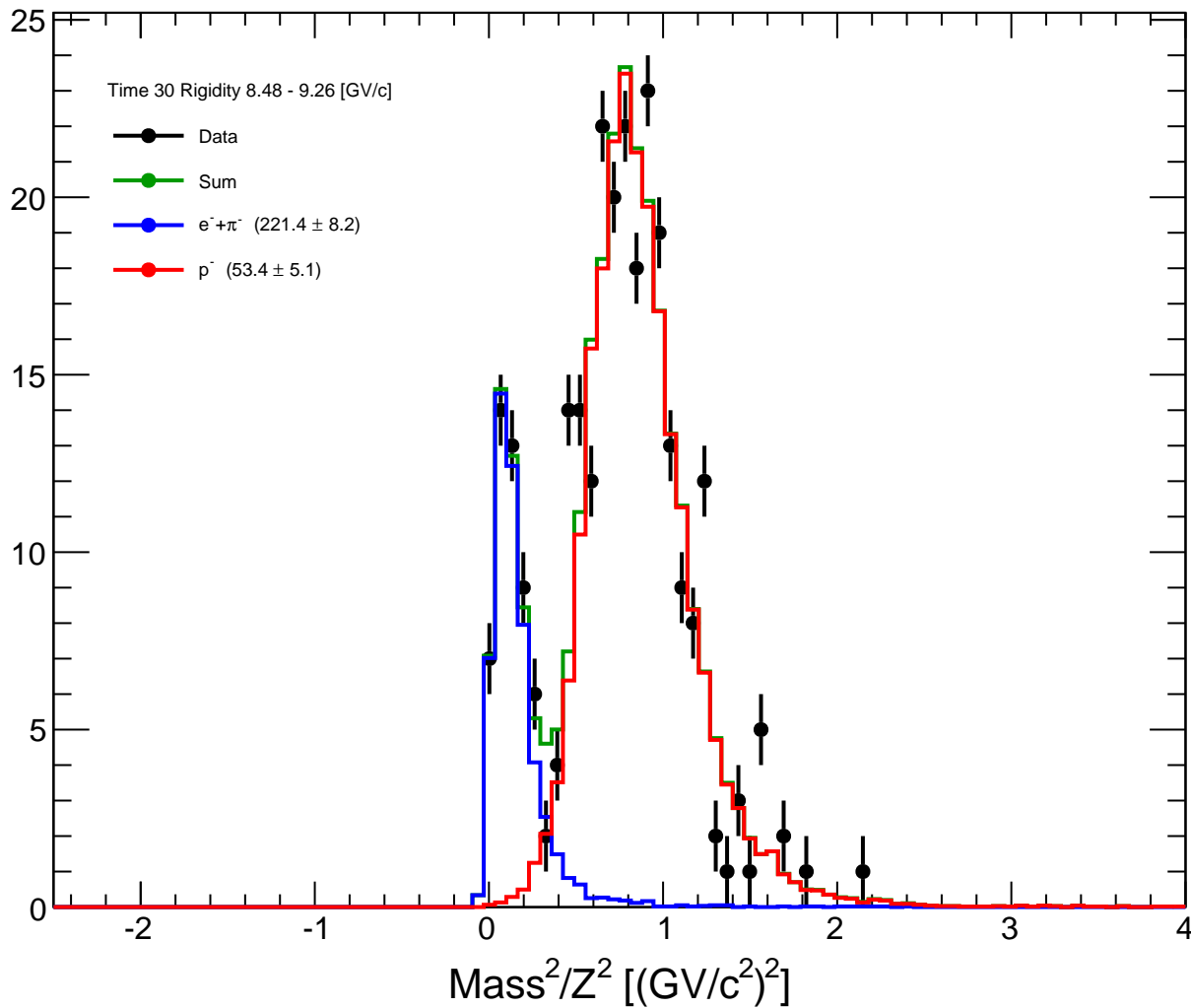




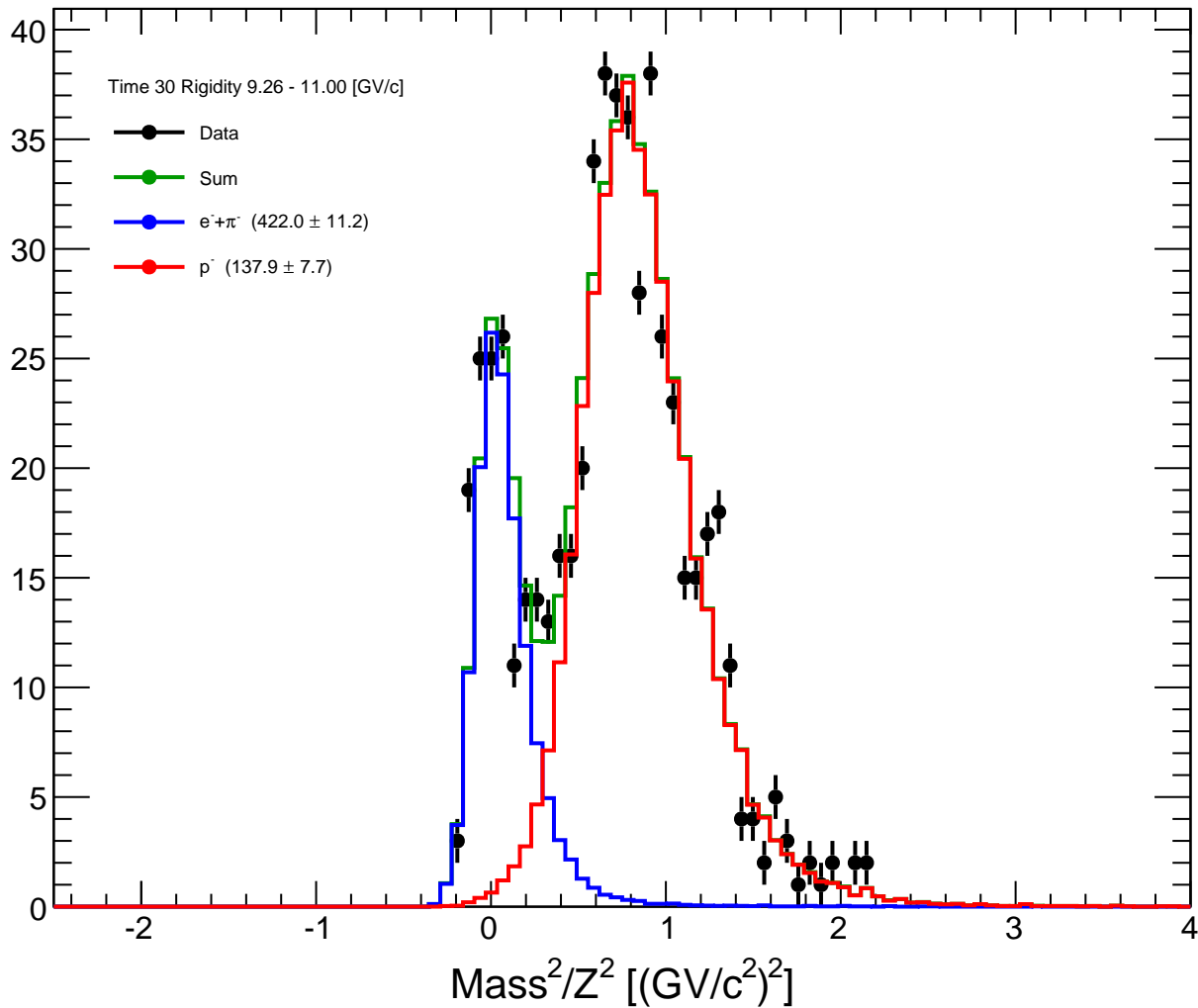
Events/Bin

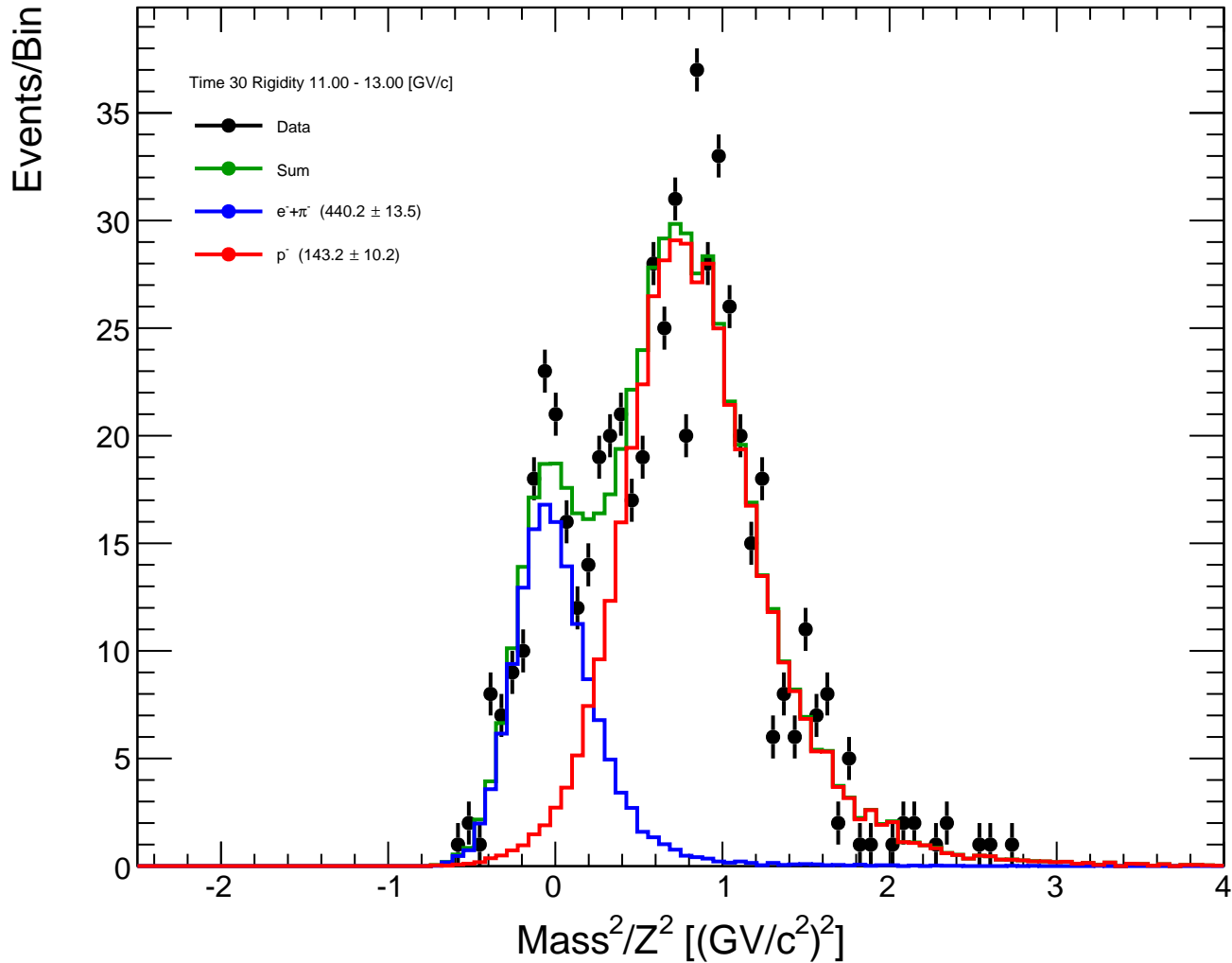


Events/Bin

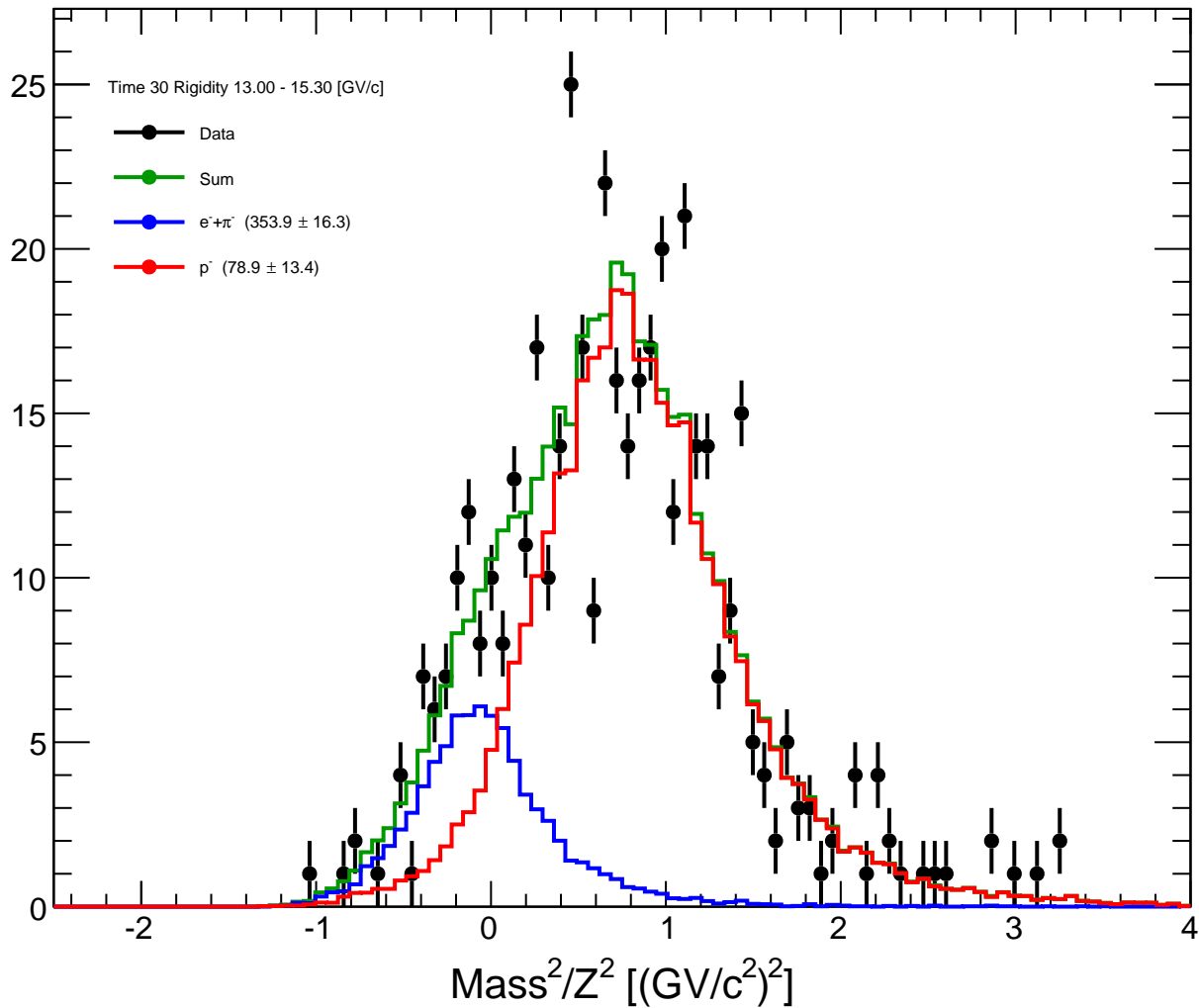


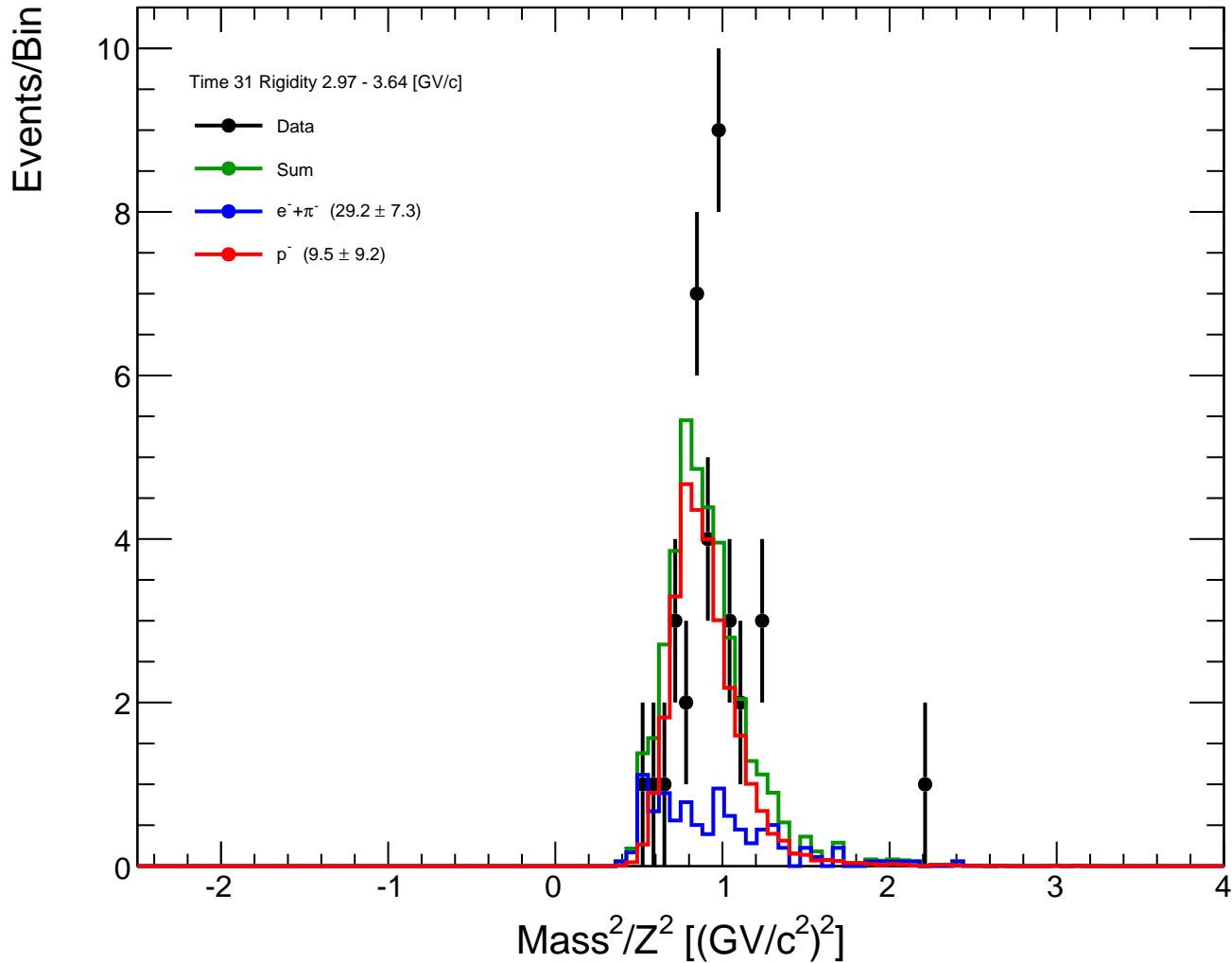
Events/Bin

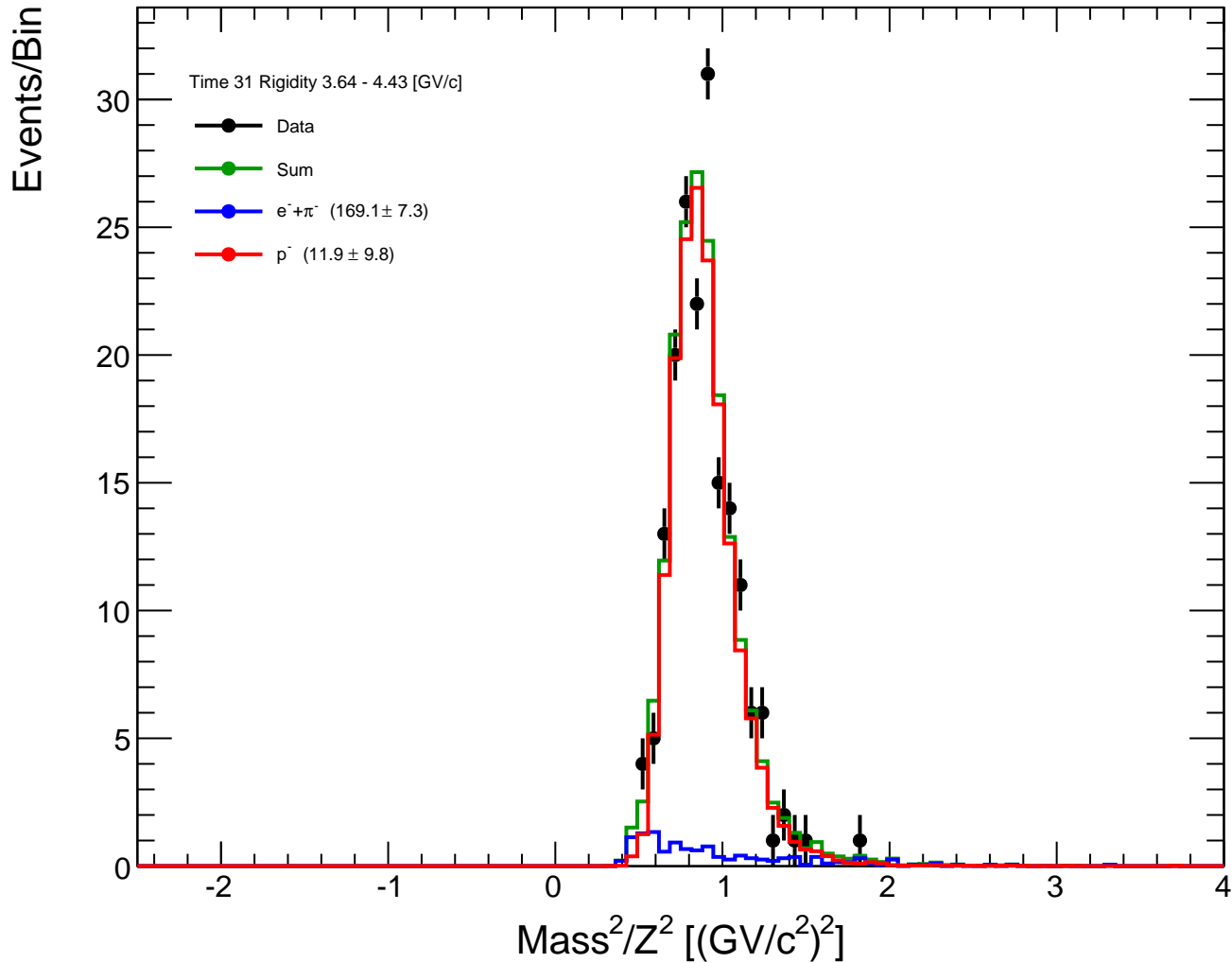




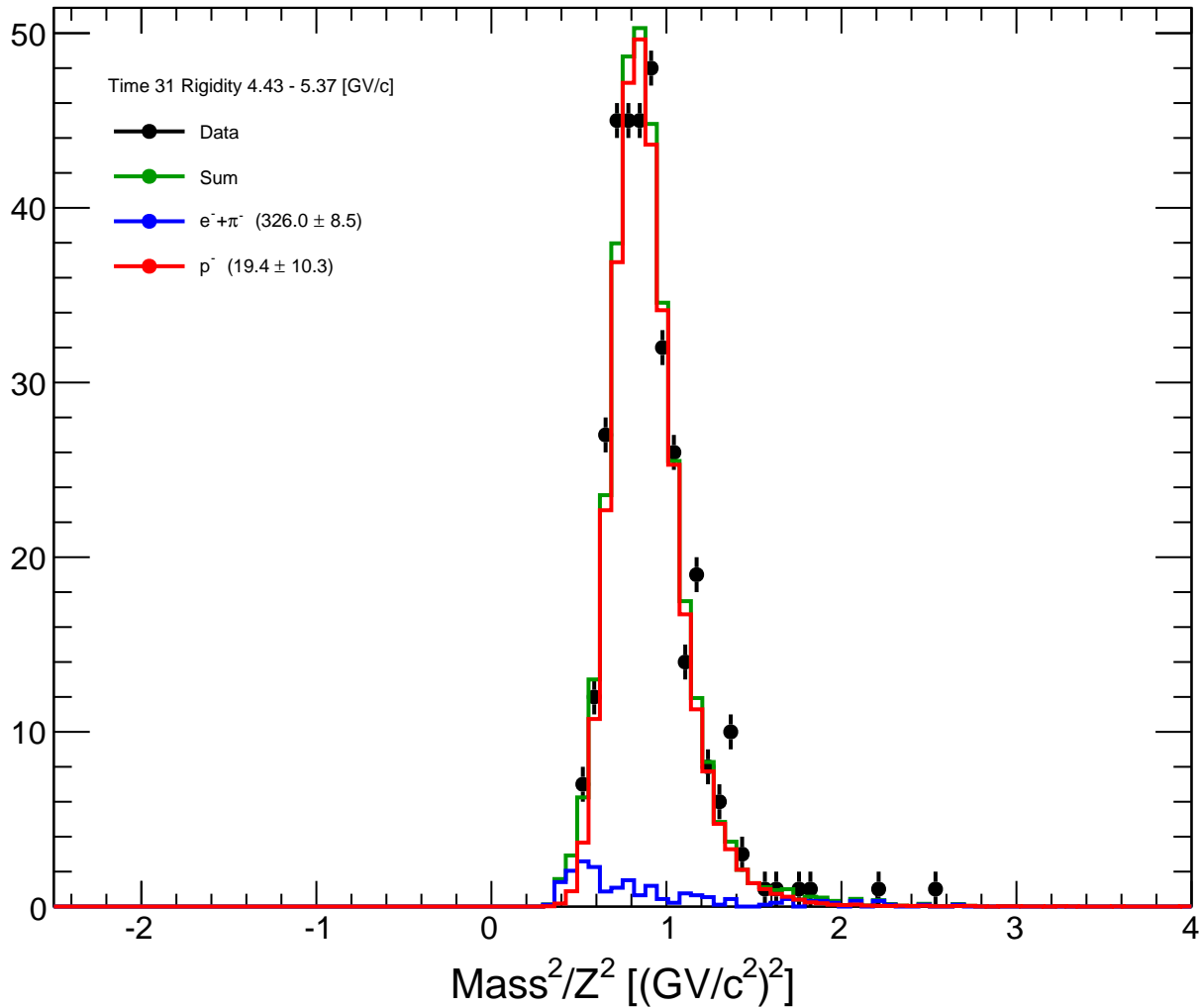
Events/Bin

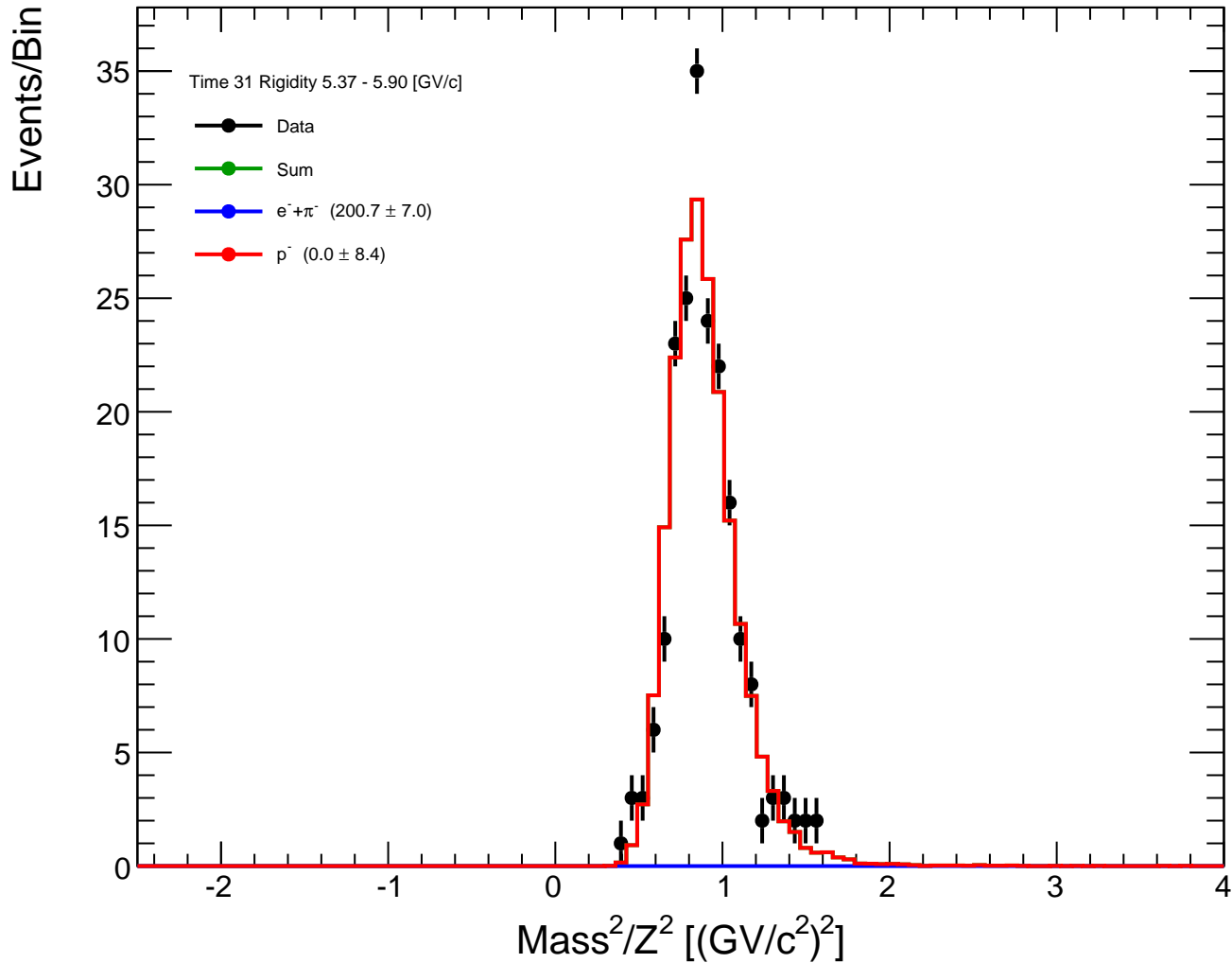


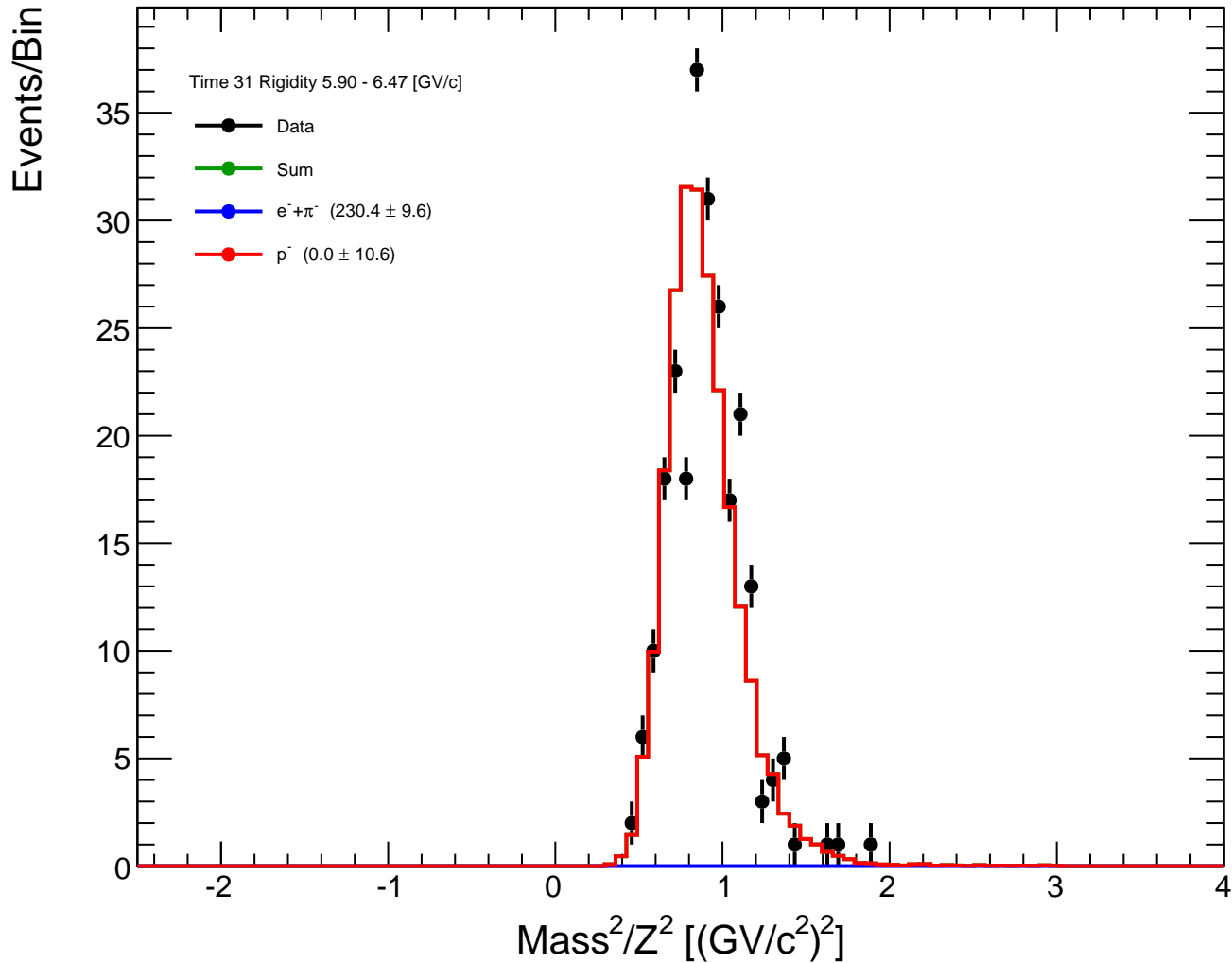




Events/Bin



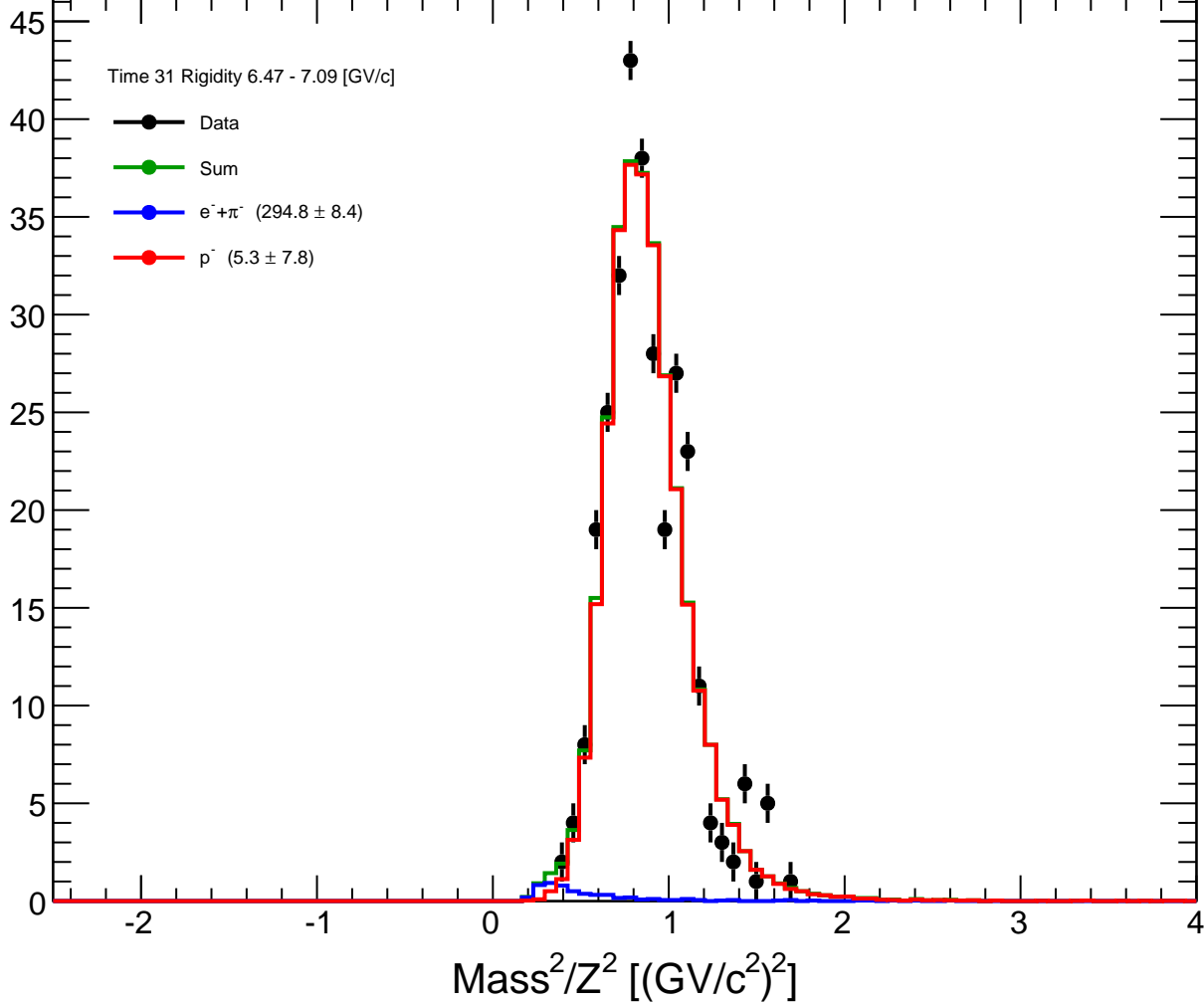




Events/Bin

Time 31 Rigidity 6.47 - 7.09 [GV/c]

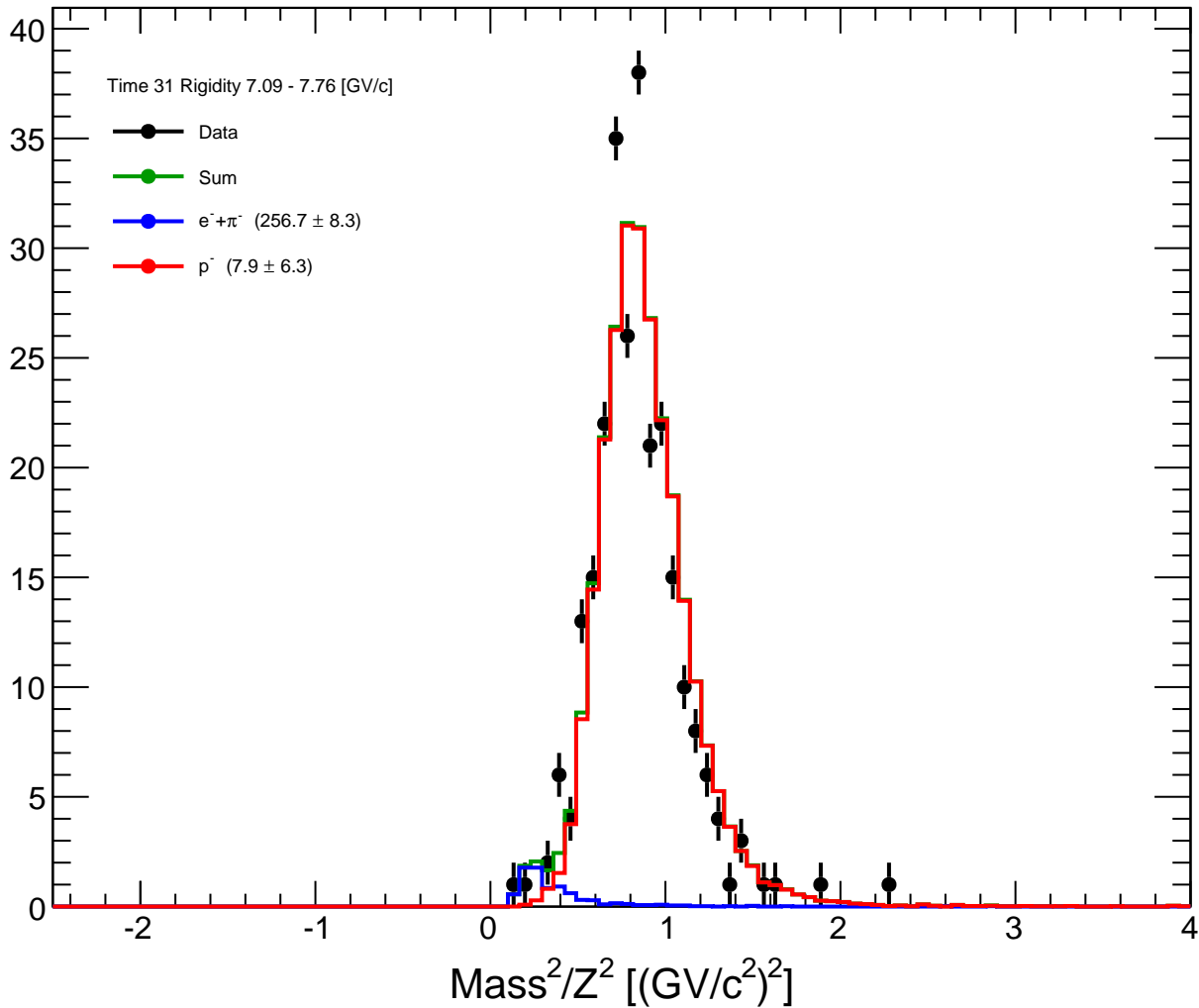
- Data
- Sum
- $e^- + \pi^-$ (294.8 ± 8.4)
- p^- (5.3 ± 7.8)



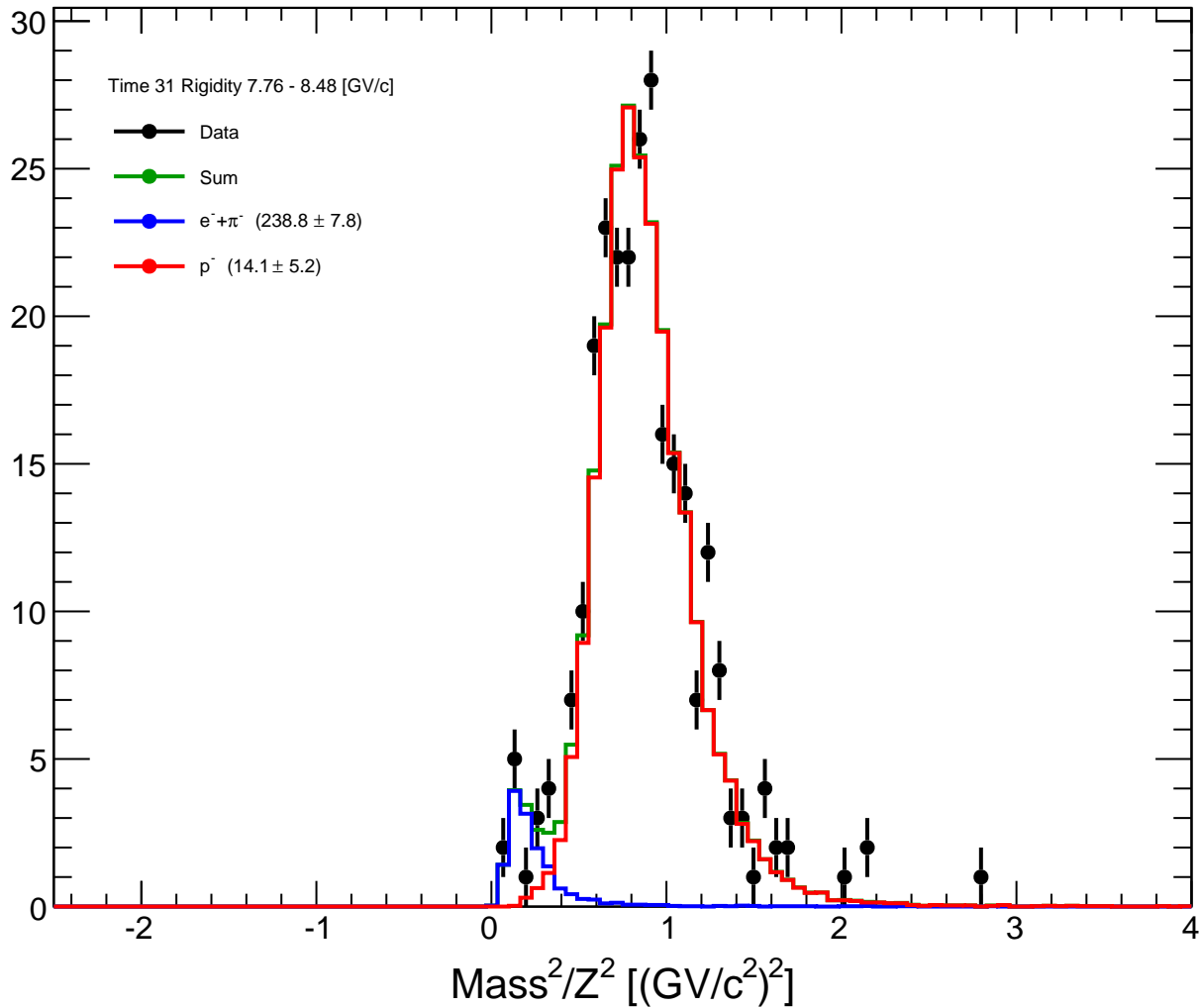
Events/Bin

Time 31 Rigidity 7.09 - 7.76 [GV/c]

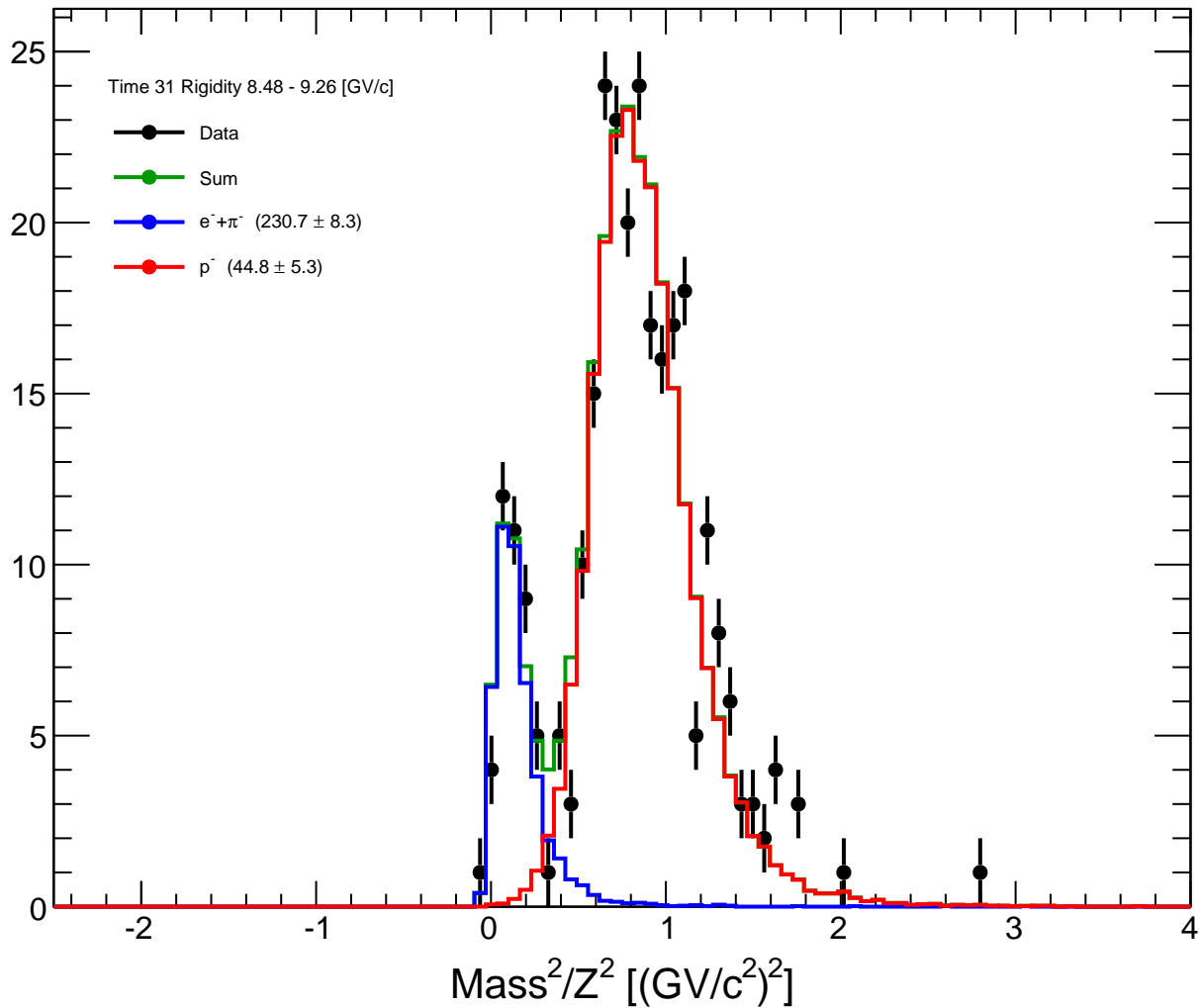
- Data
- Sum
- $e^- + \pi^-$ (256.7 ± 8.3)
- p^- (7.9 ± 6.3)



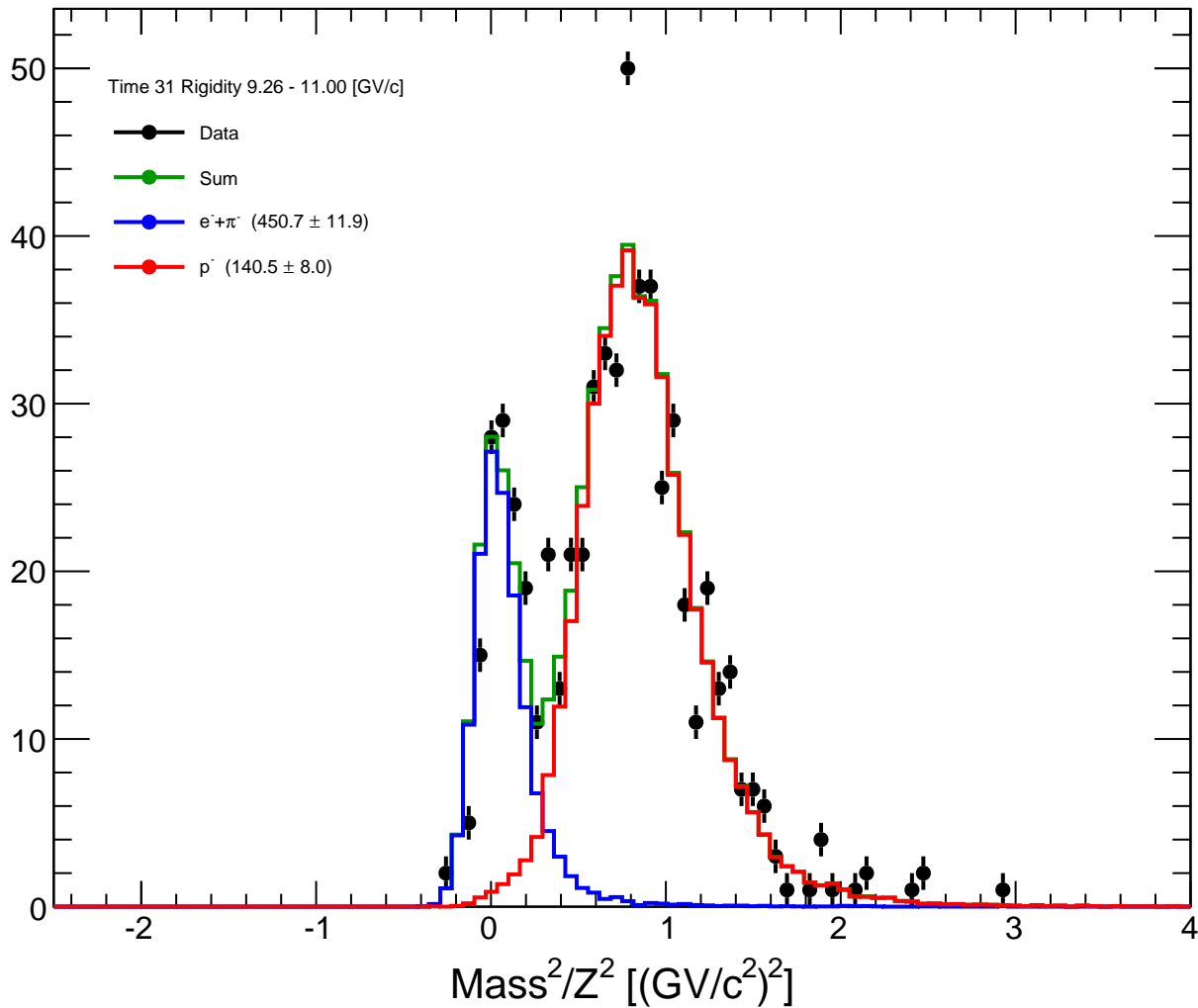
Events/Bin

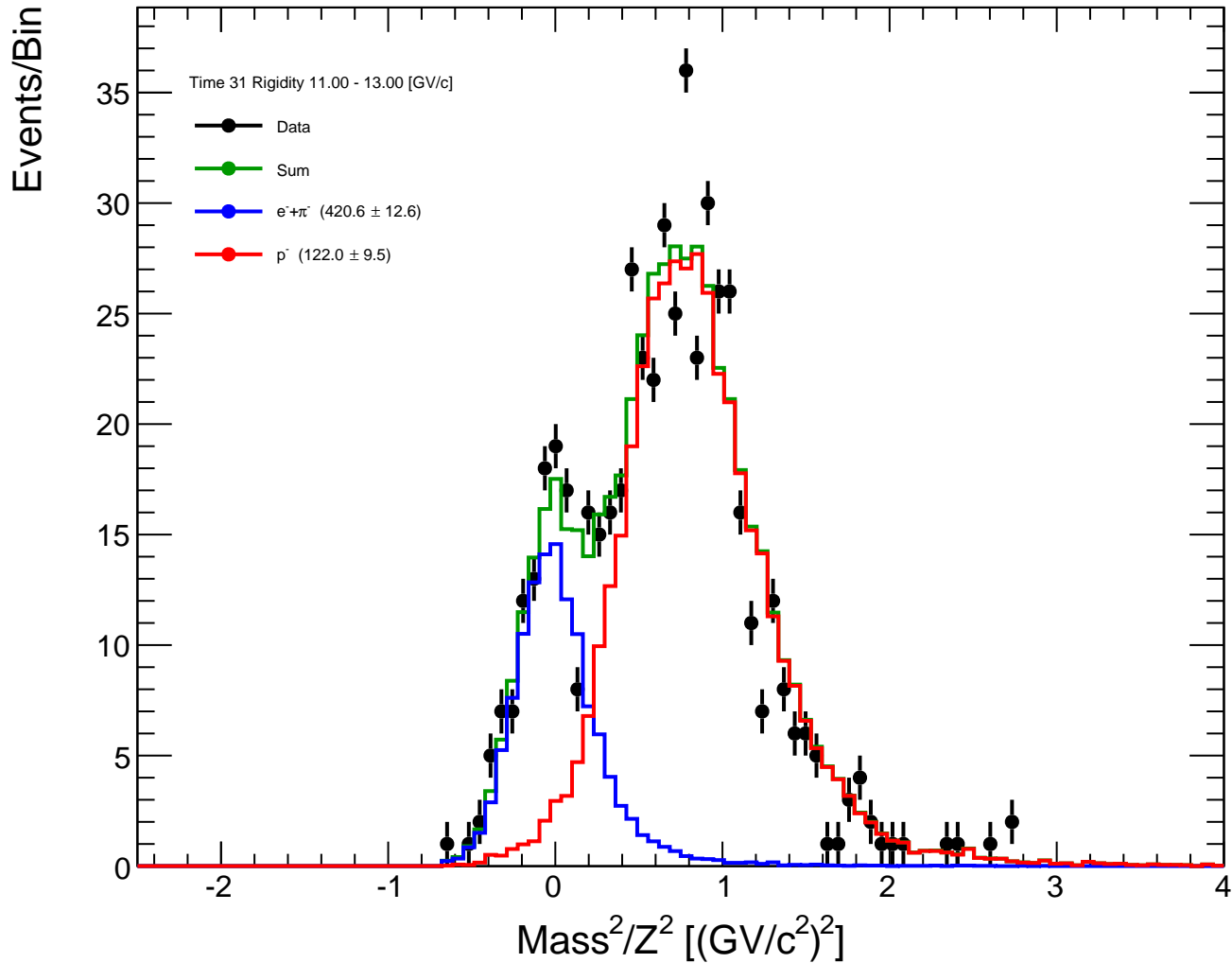


Events/Bin

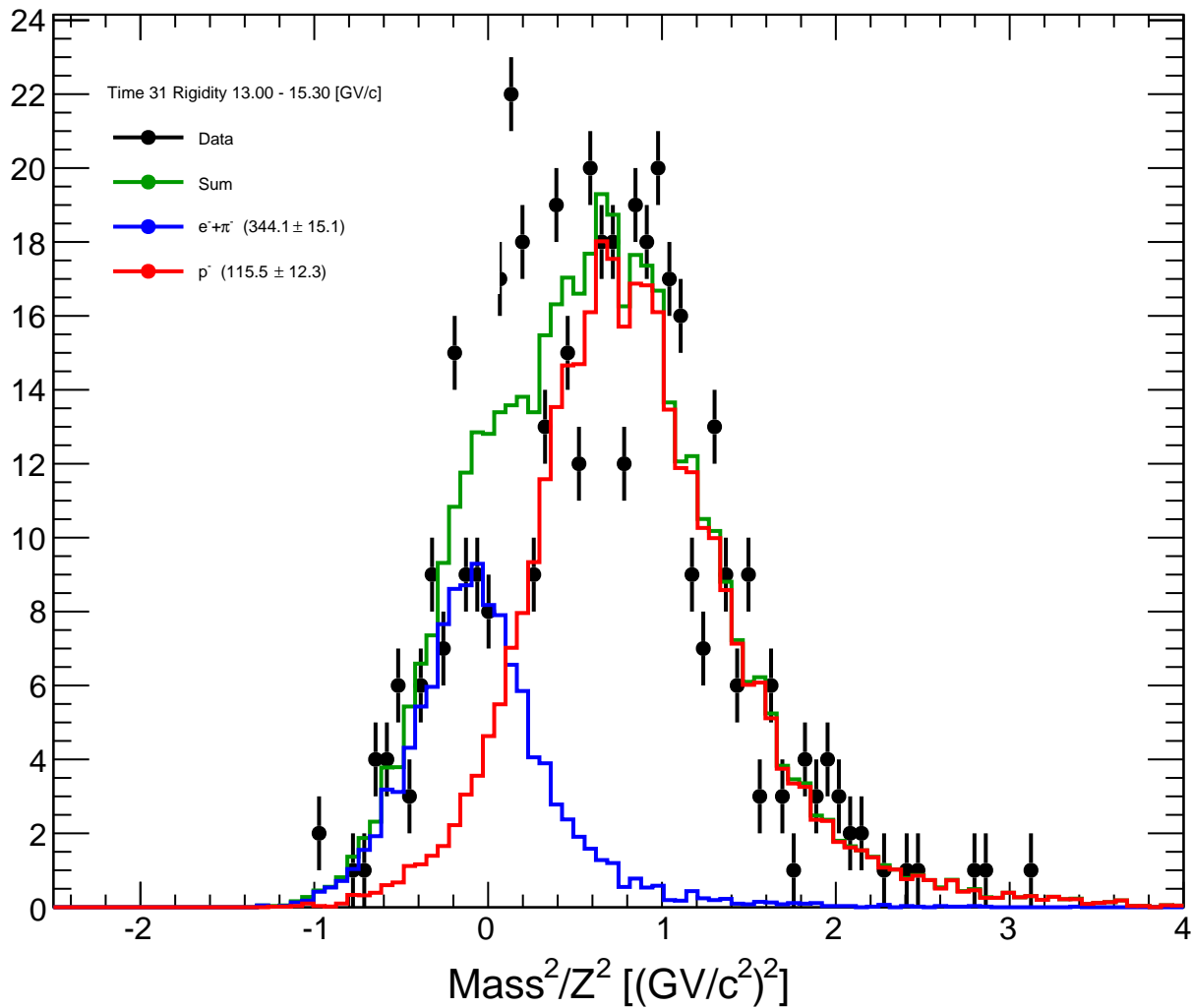


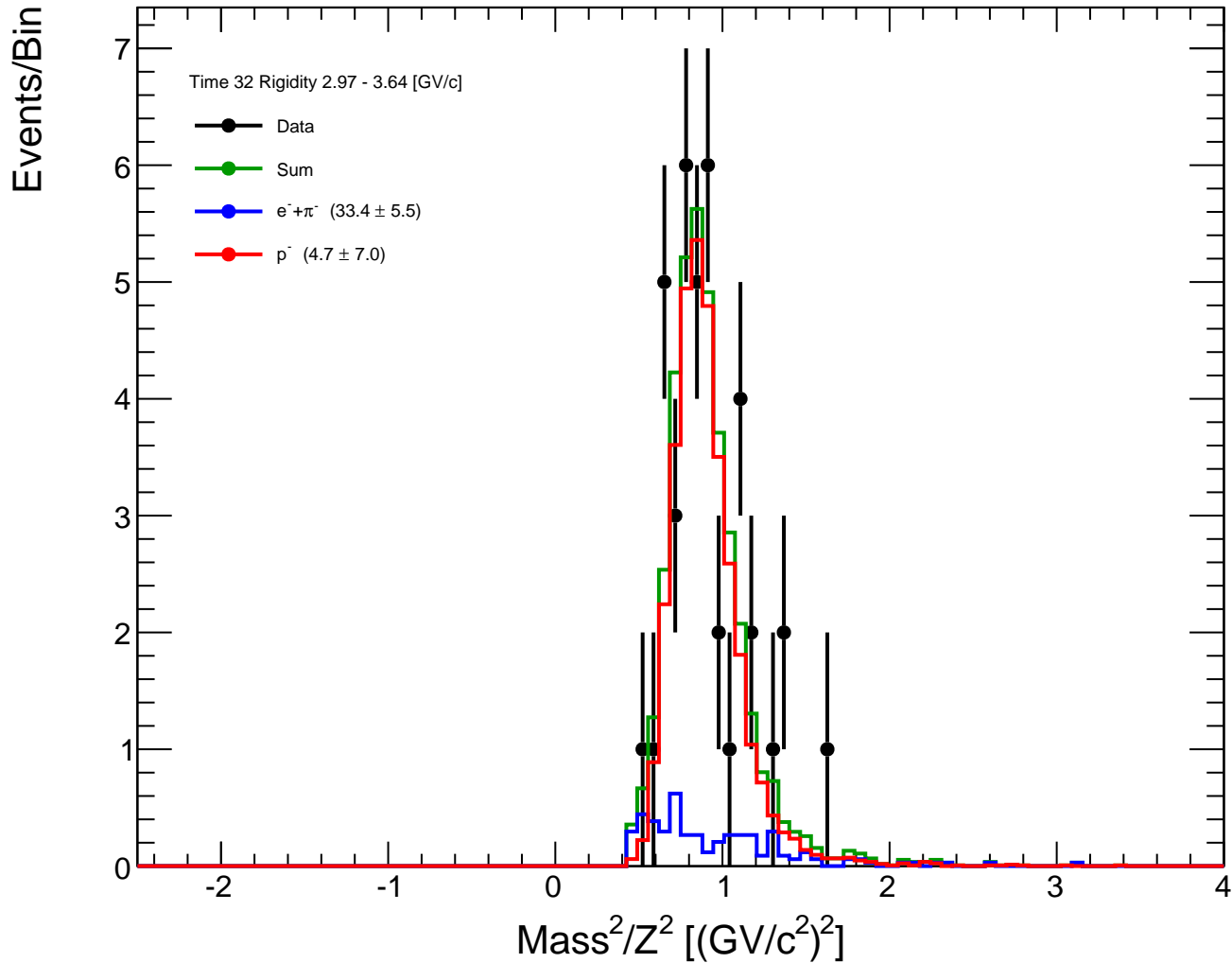
Events/Bin

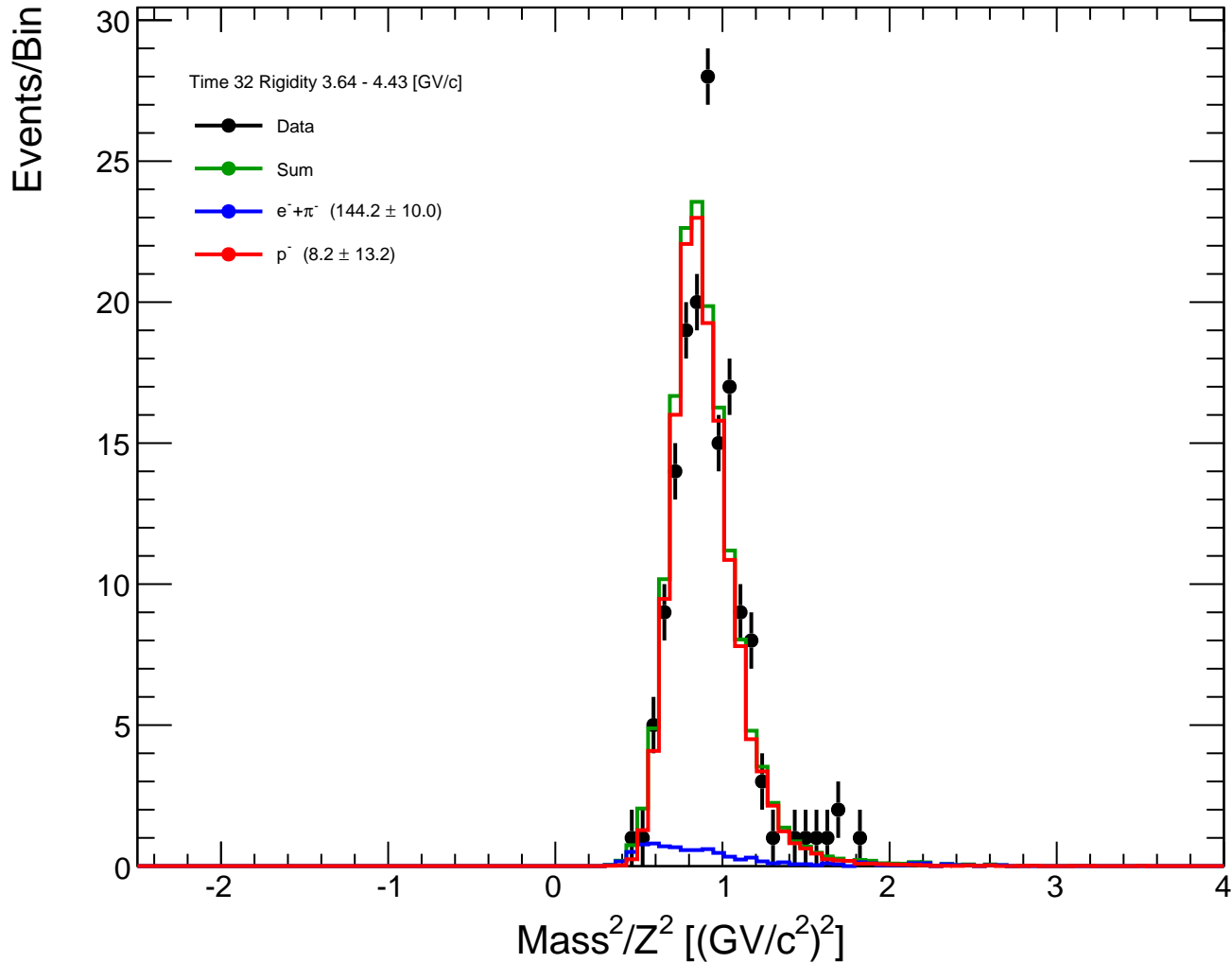


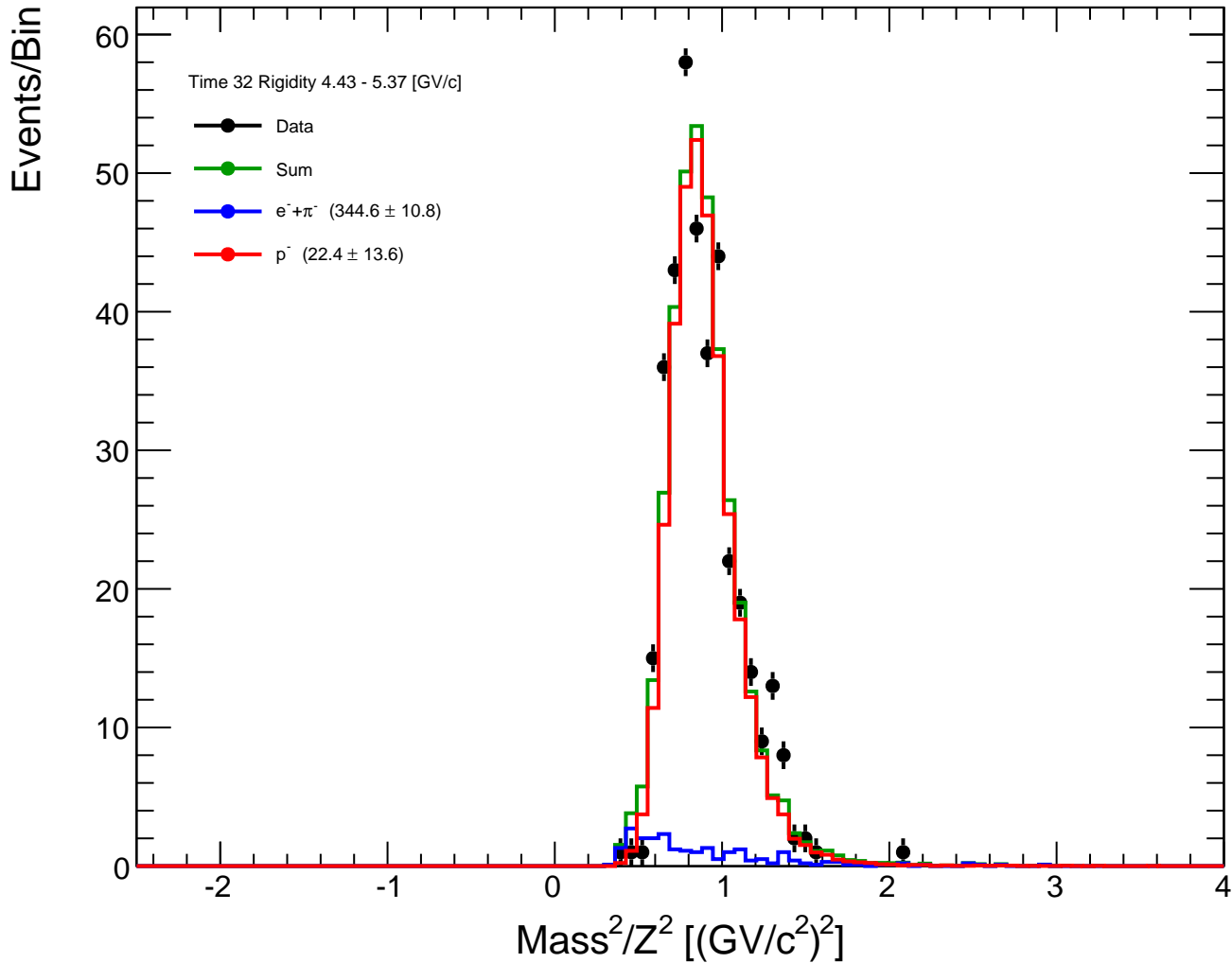


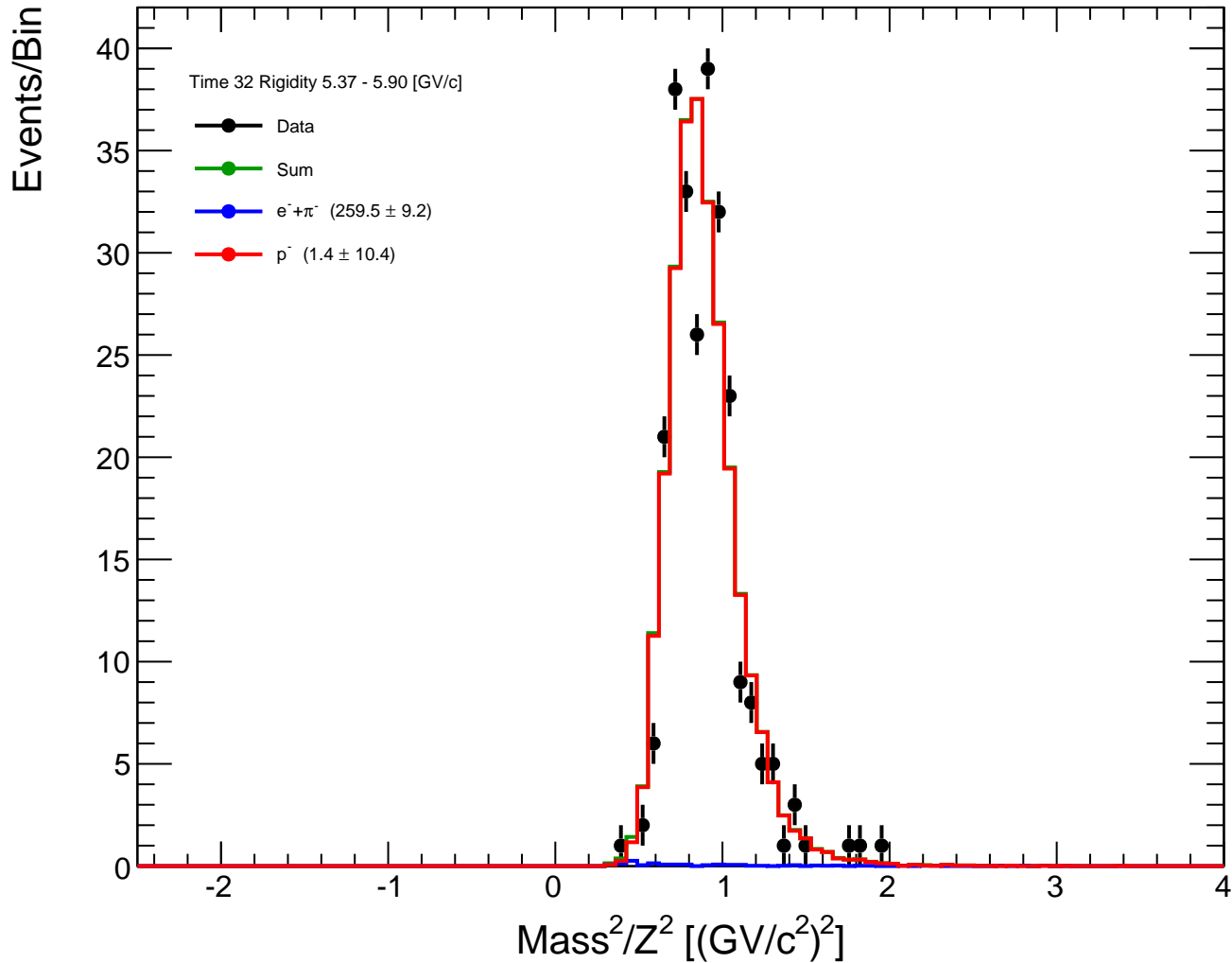
Events/Bin



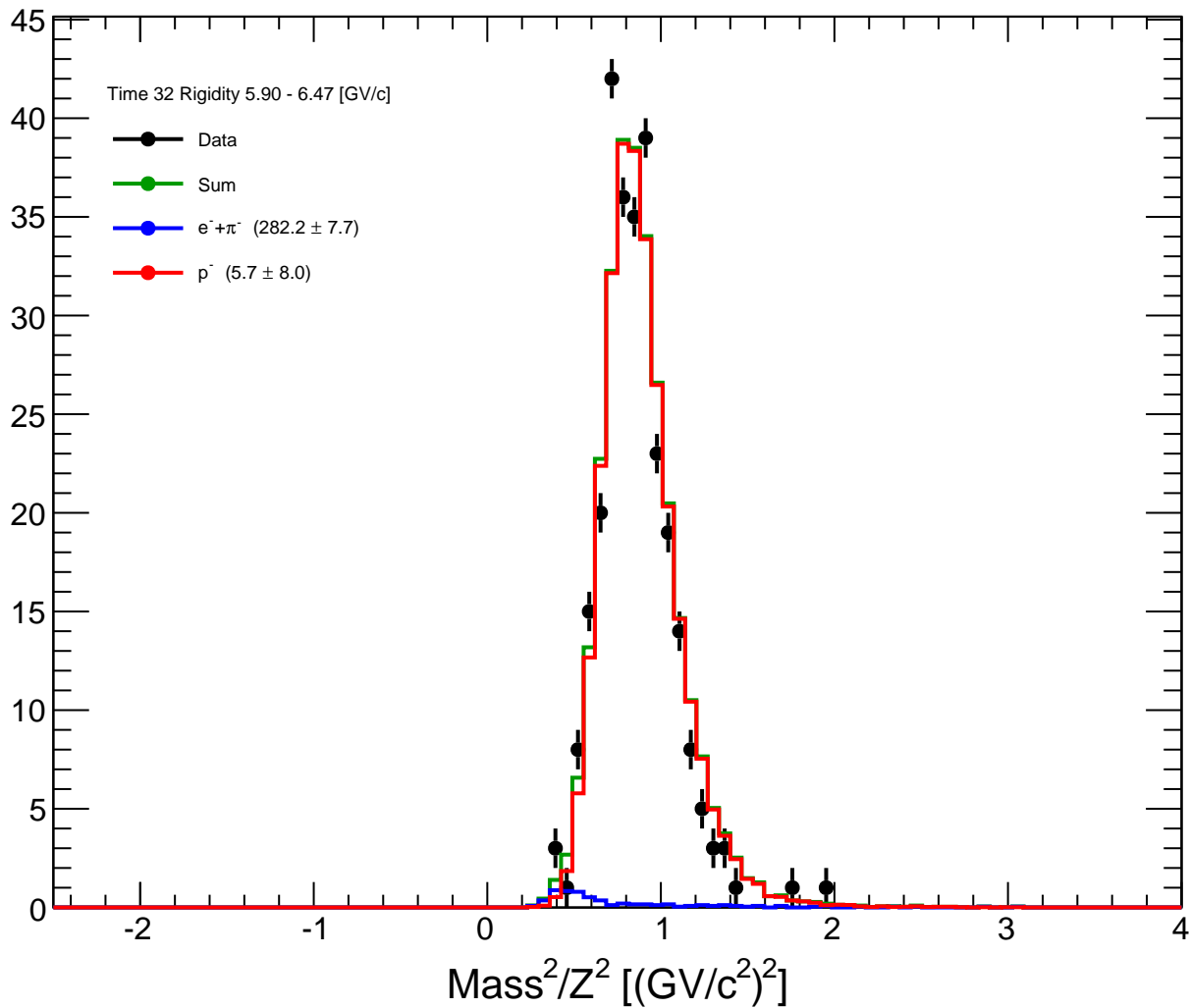


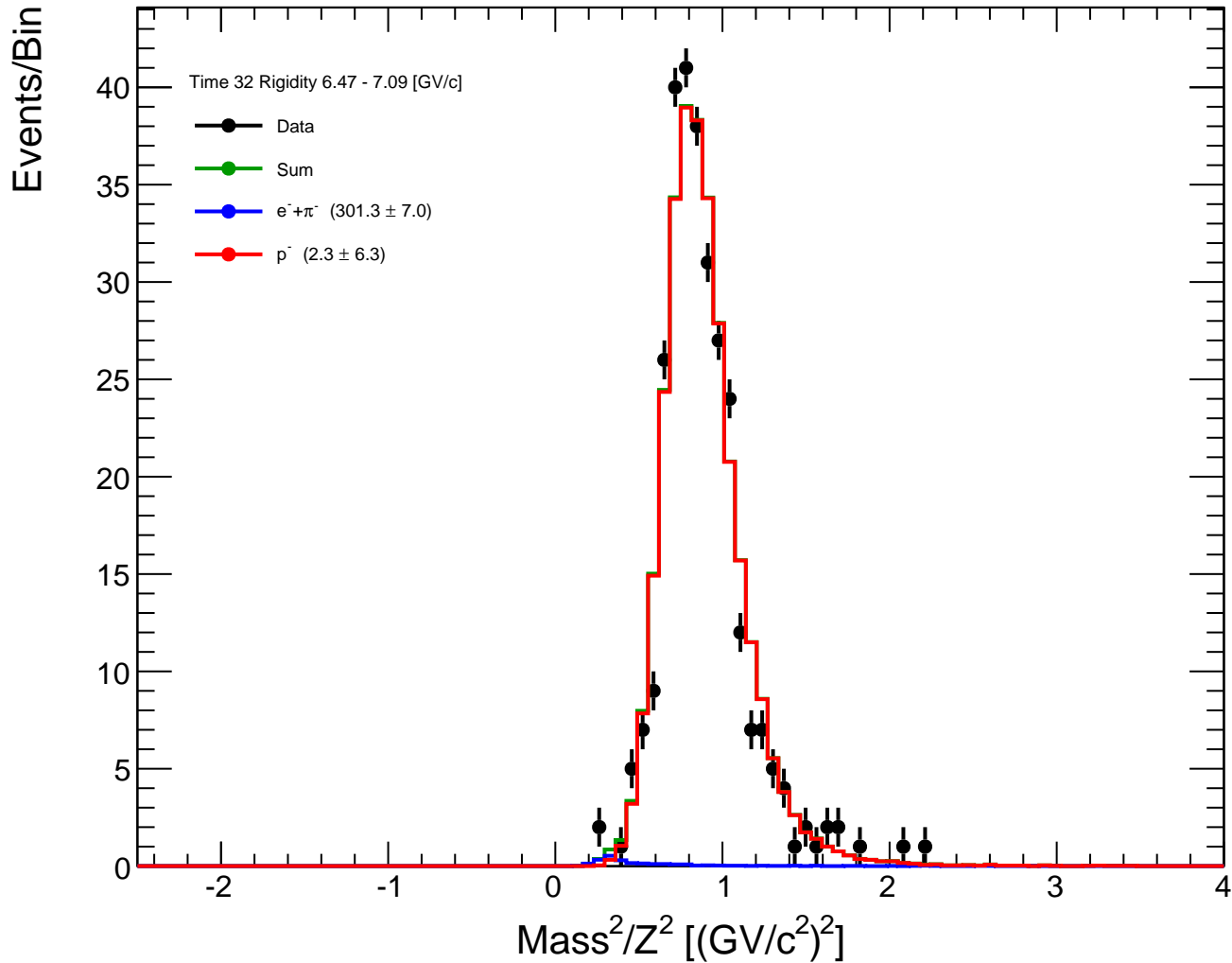


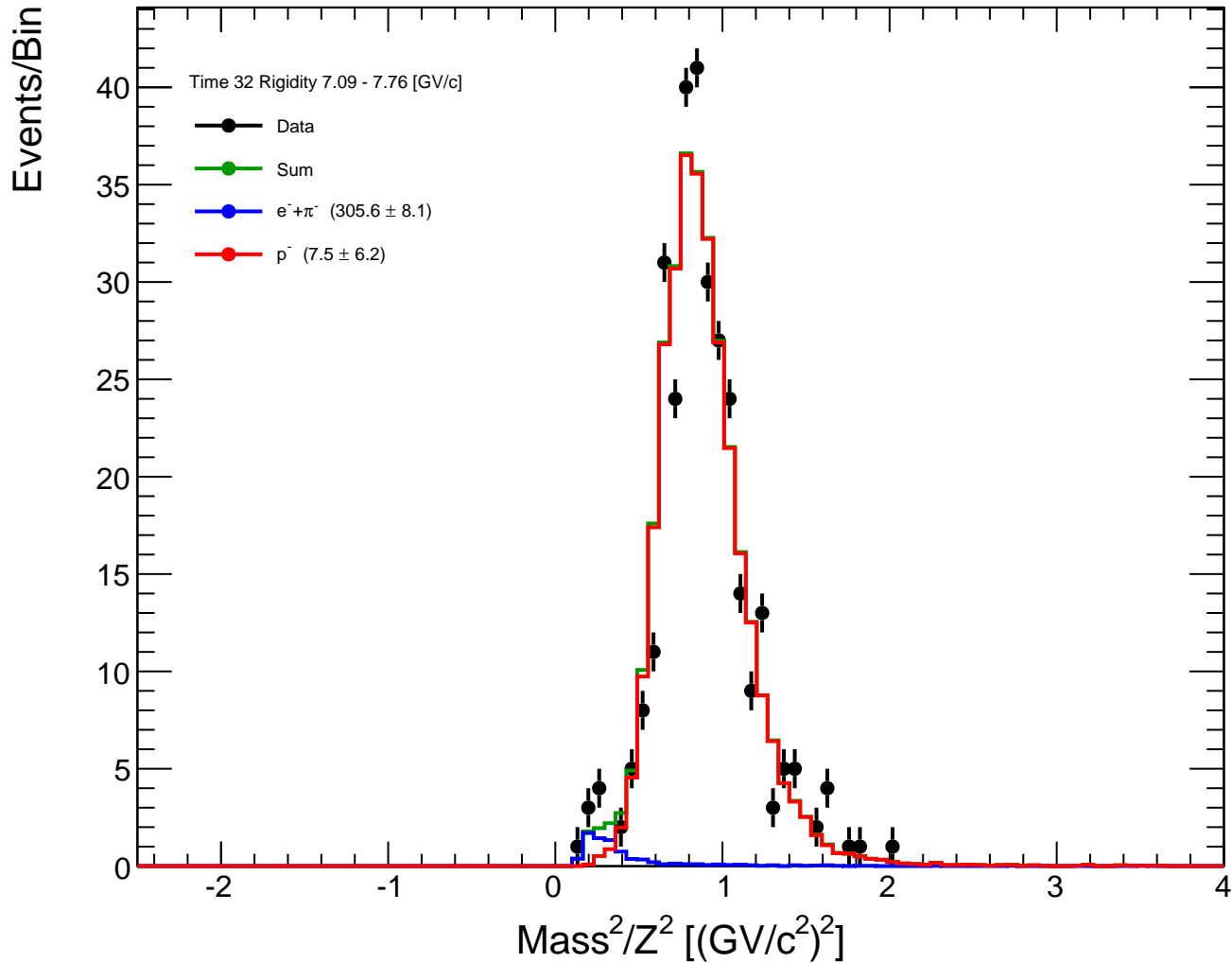




Events/Bin



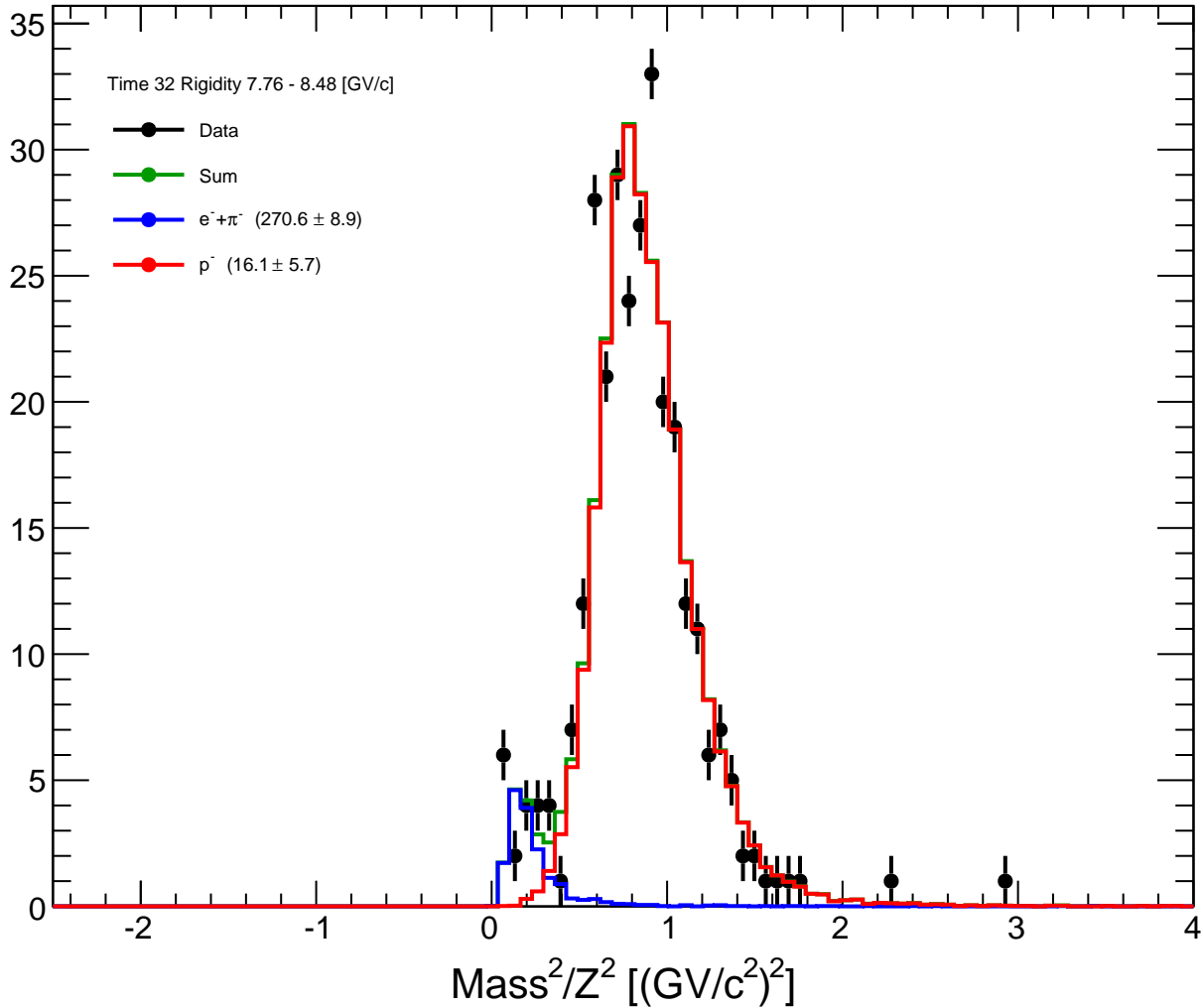


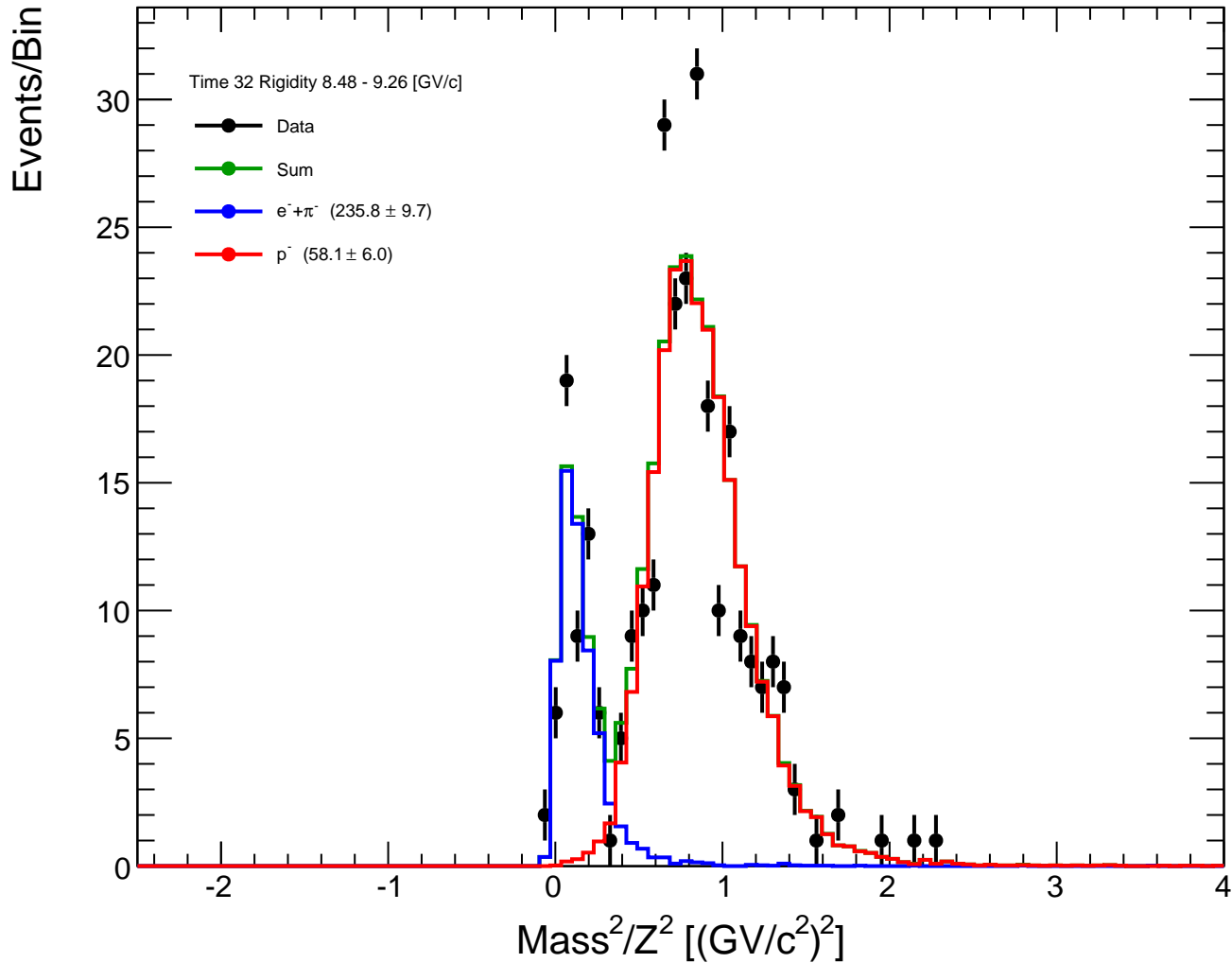


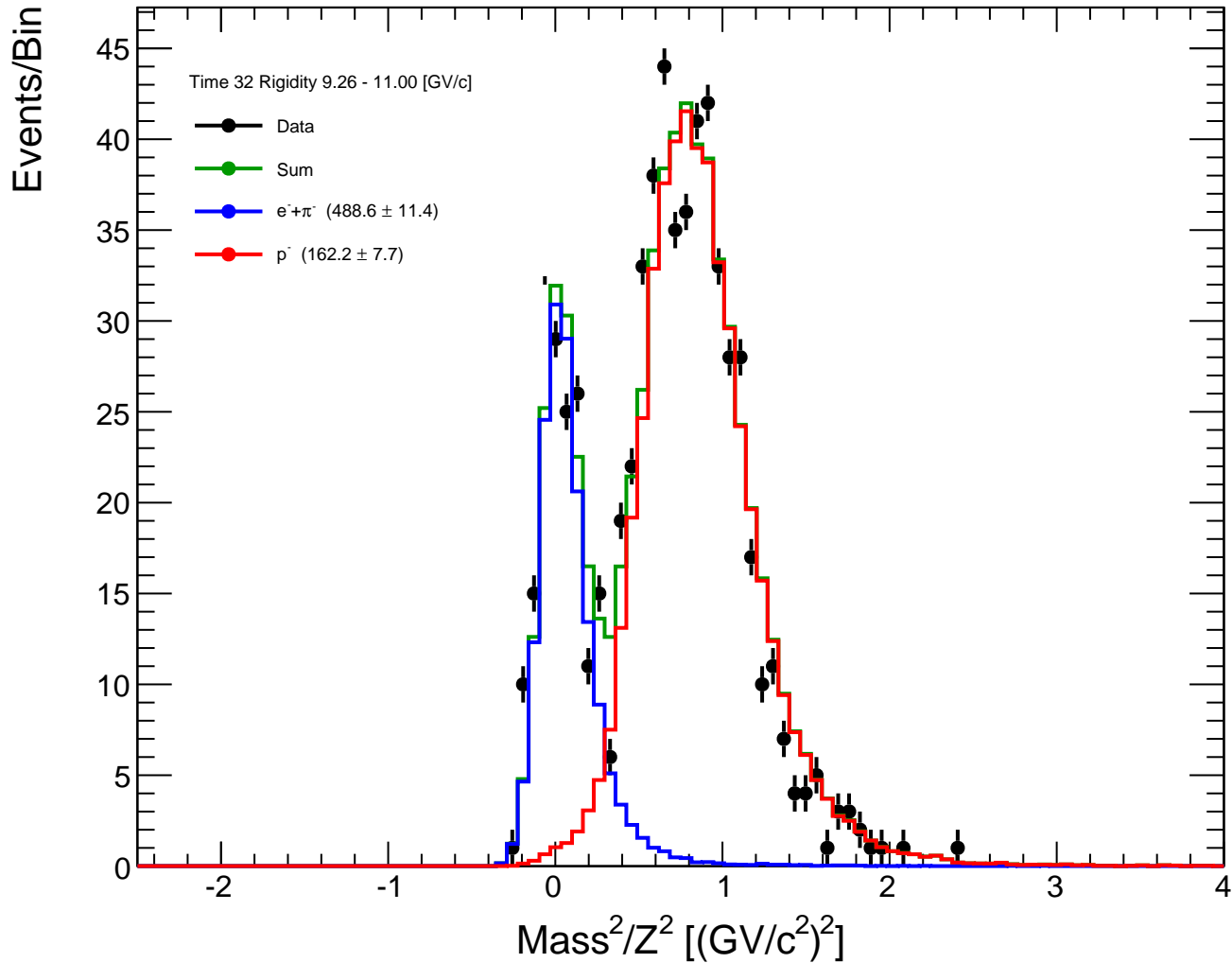
Events/Bin

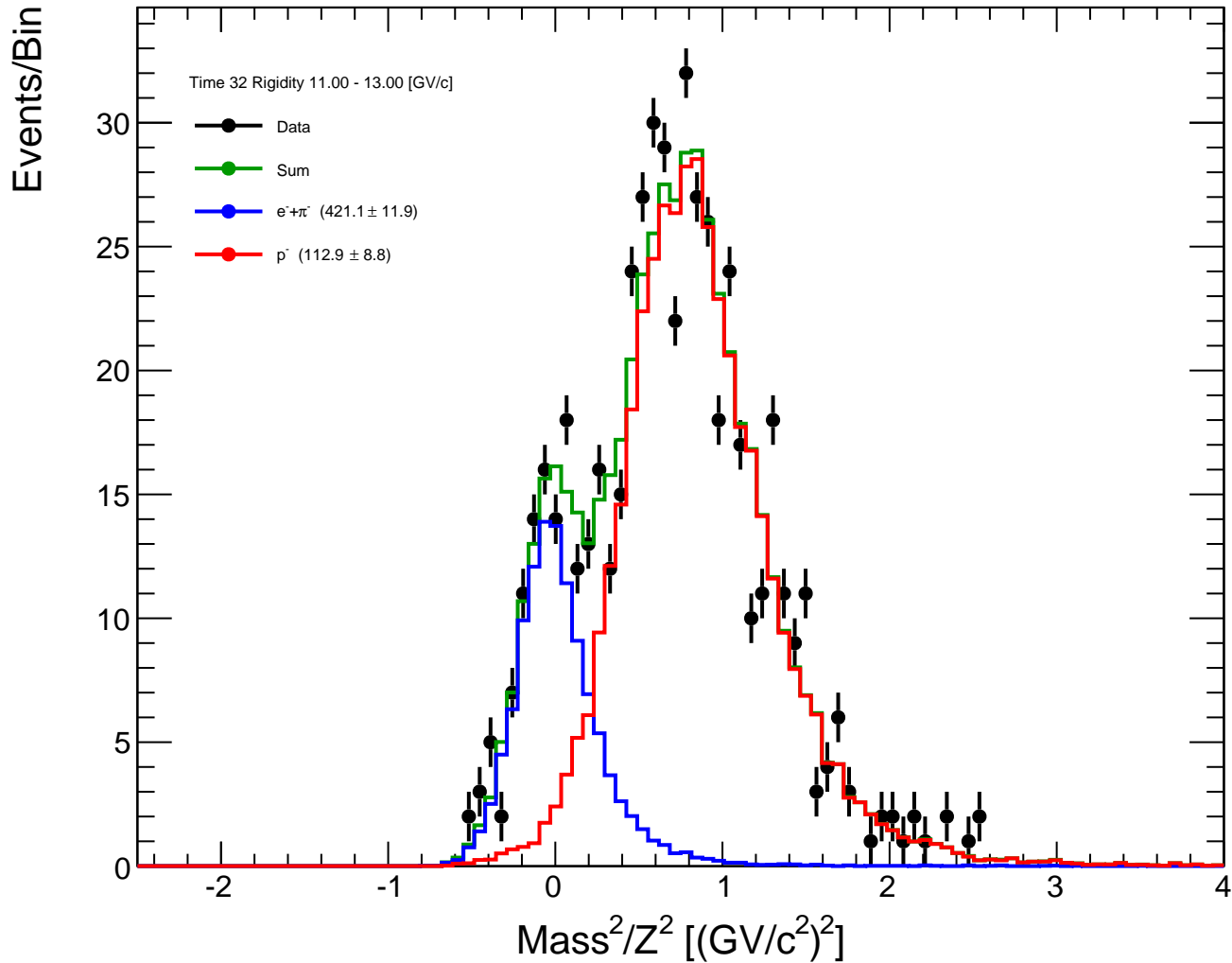
Time 32 Rigidity 7.76 - 8.48 [GV/c]

- Data
- Sum
- $e^- + \pi^-$ (270.6 ± 8.9)
- p^- (16.1 ± 5.7)

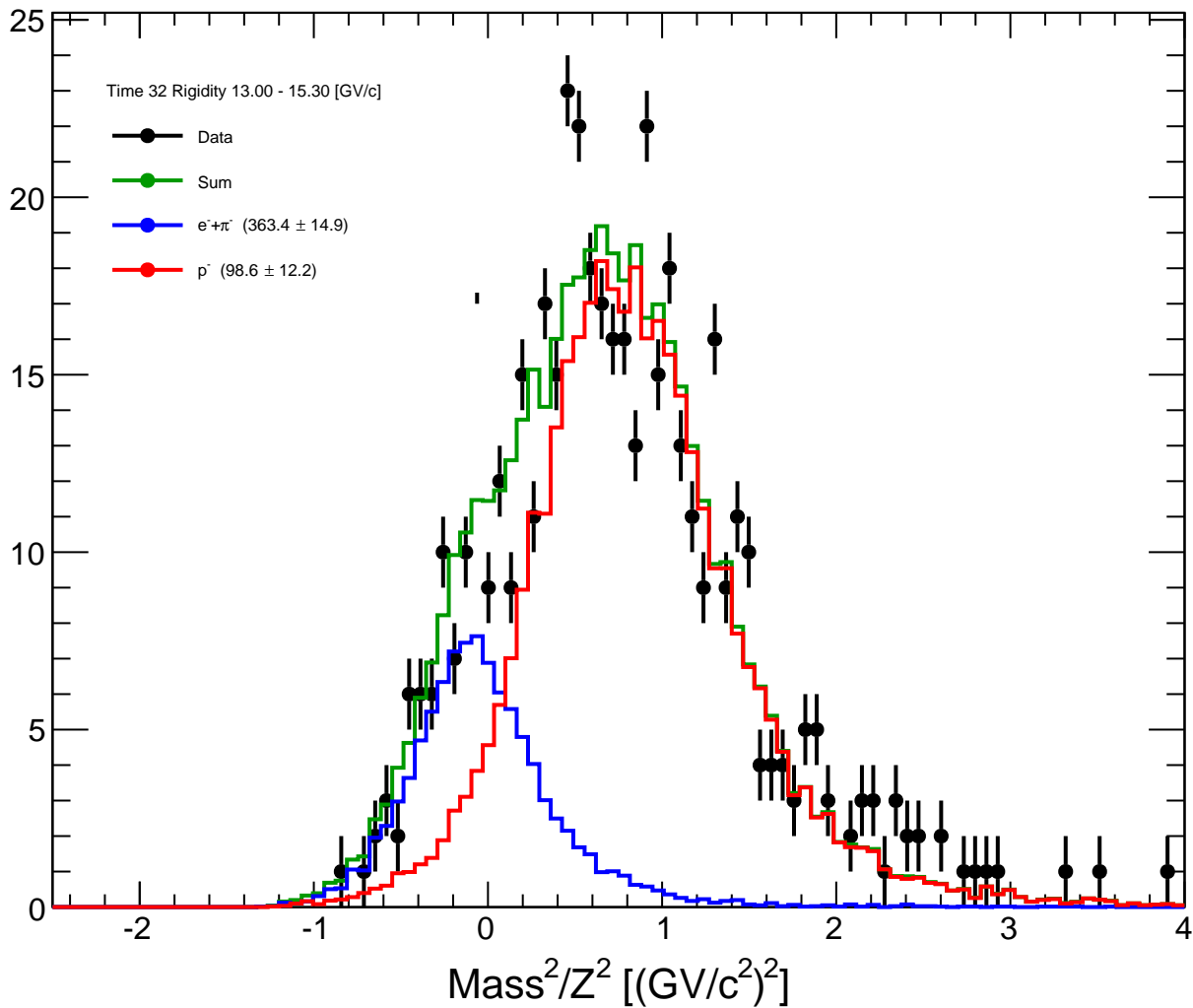


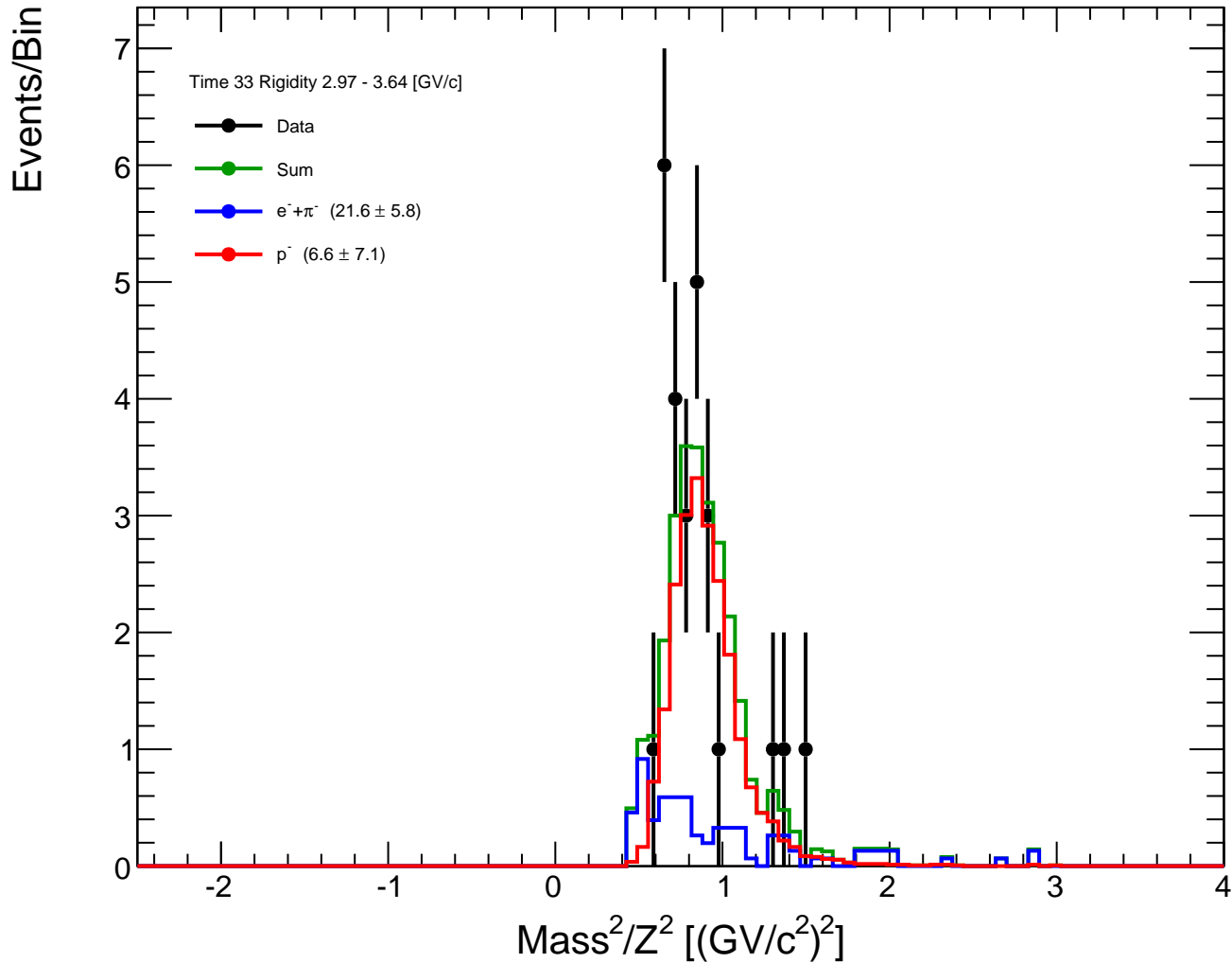


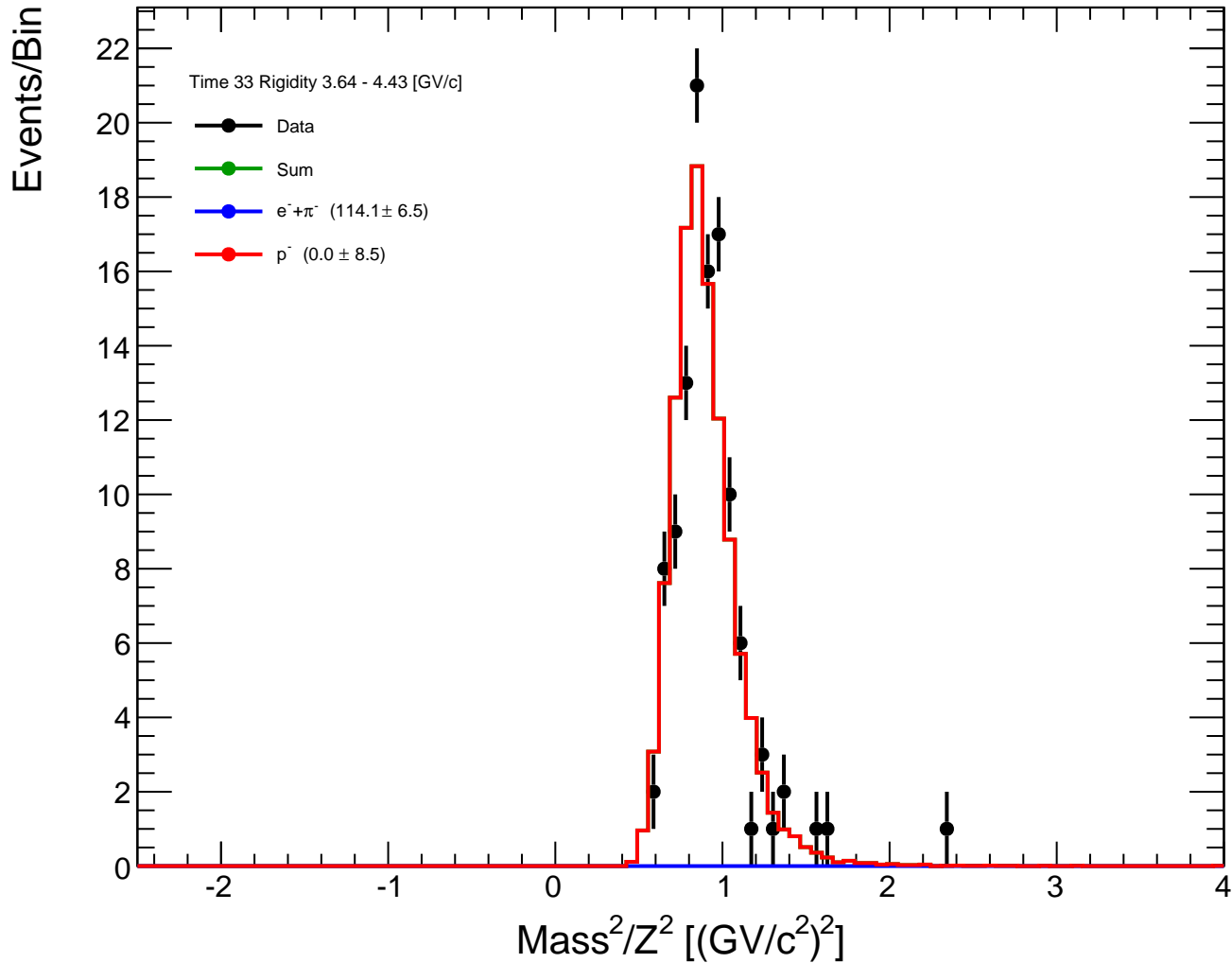


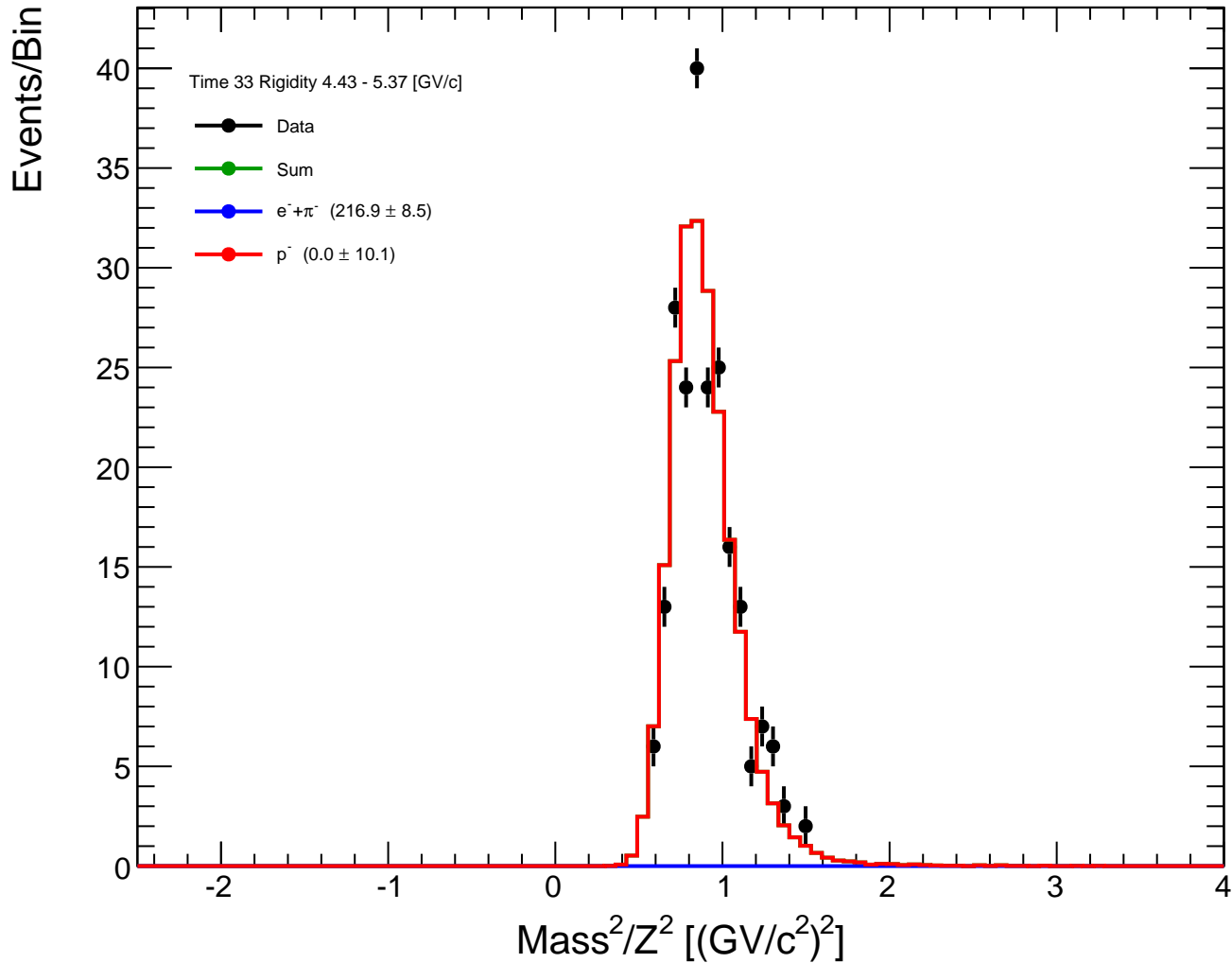


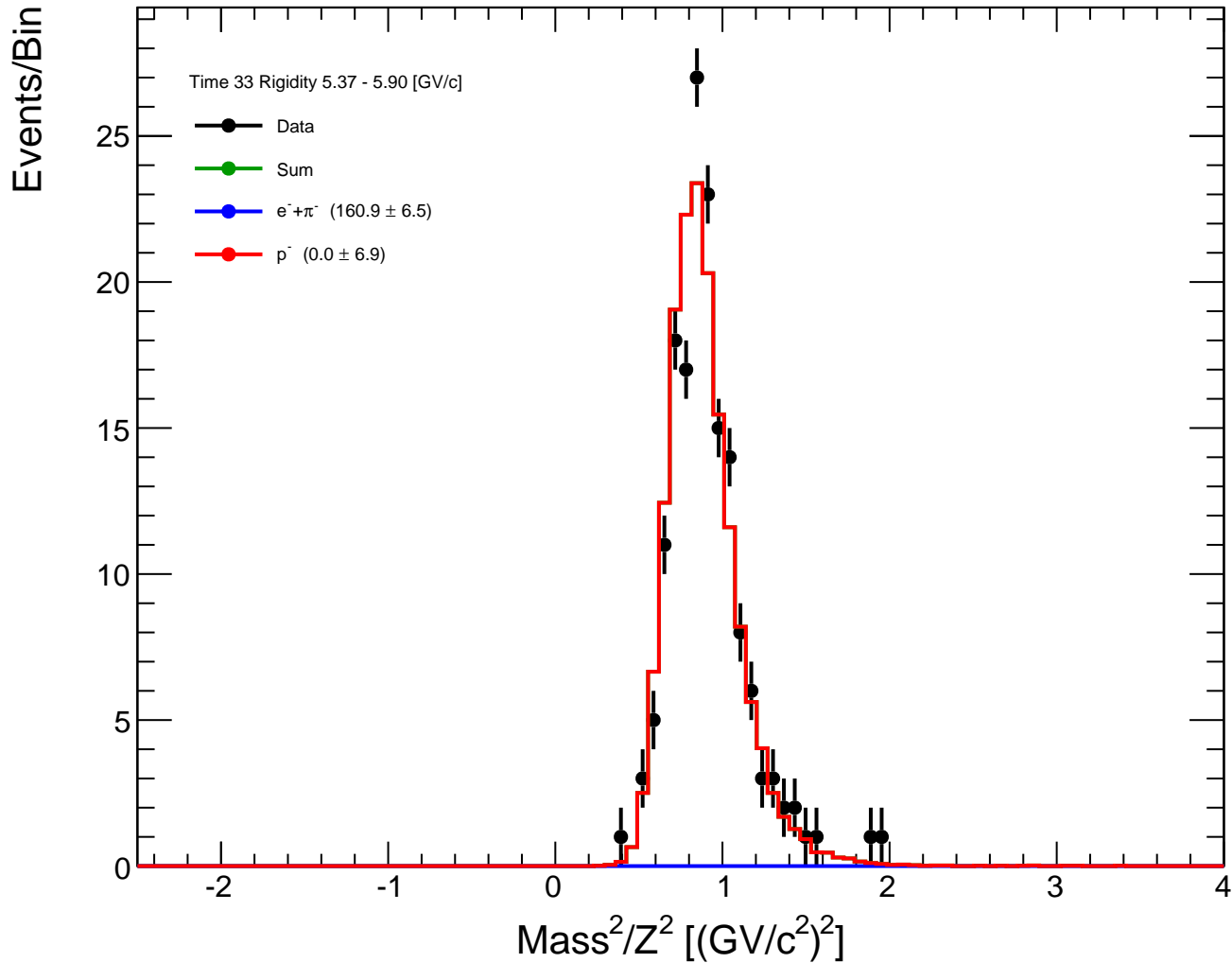
Events/Bin

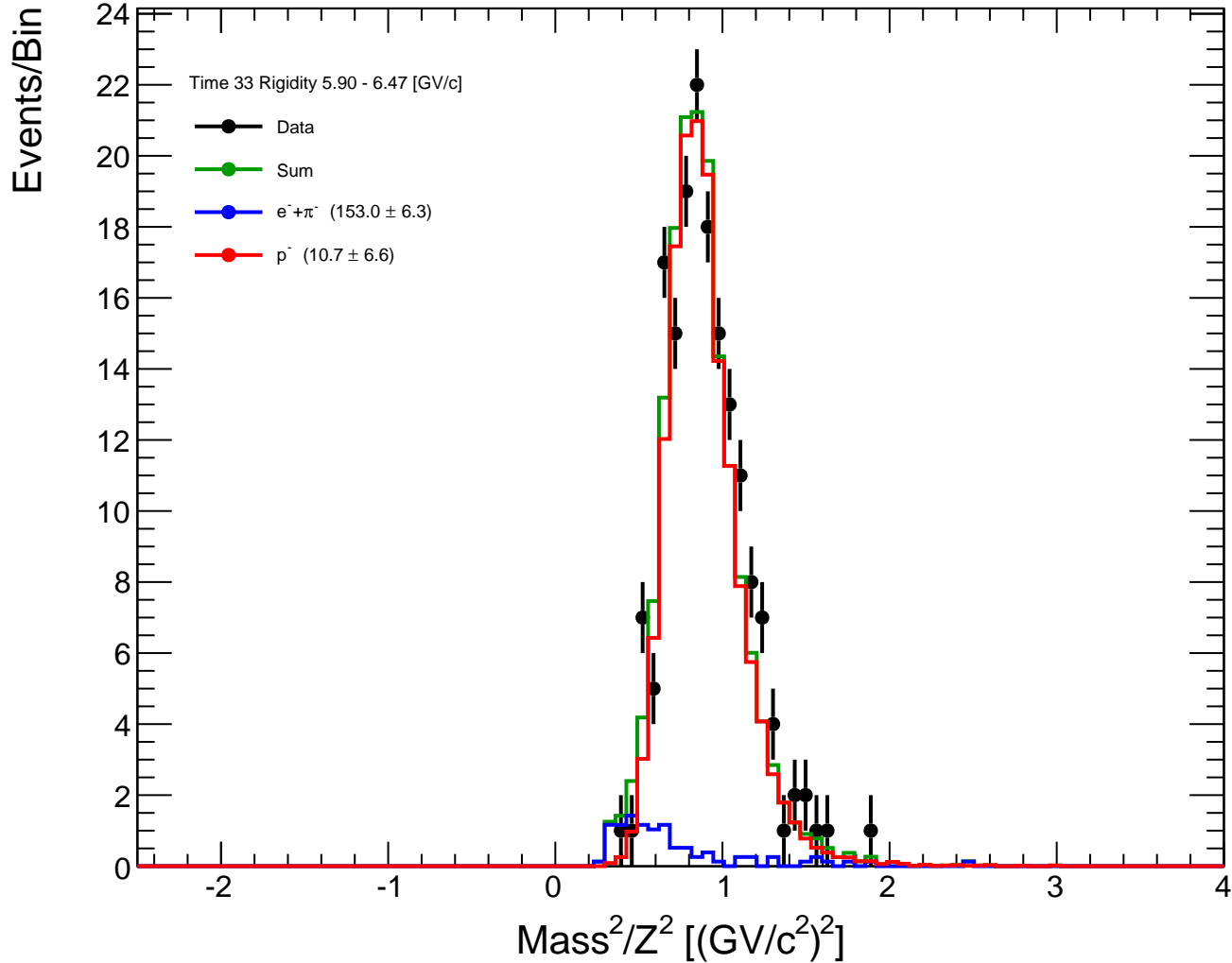


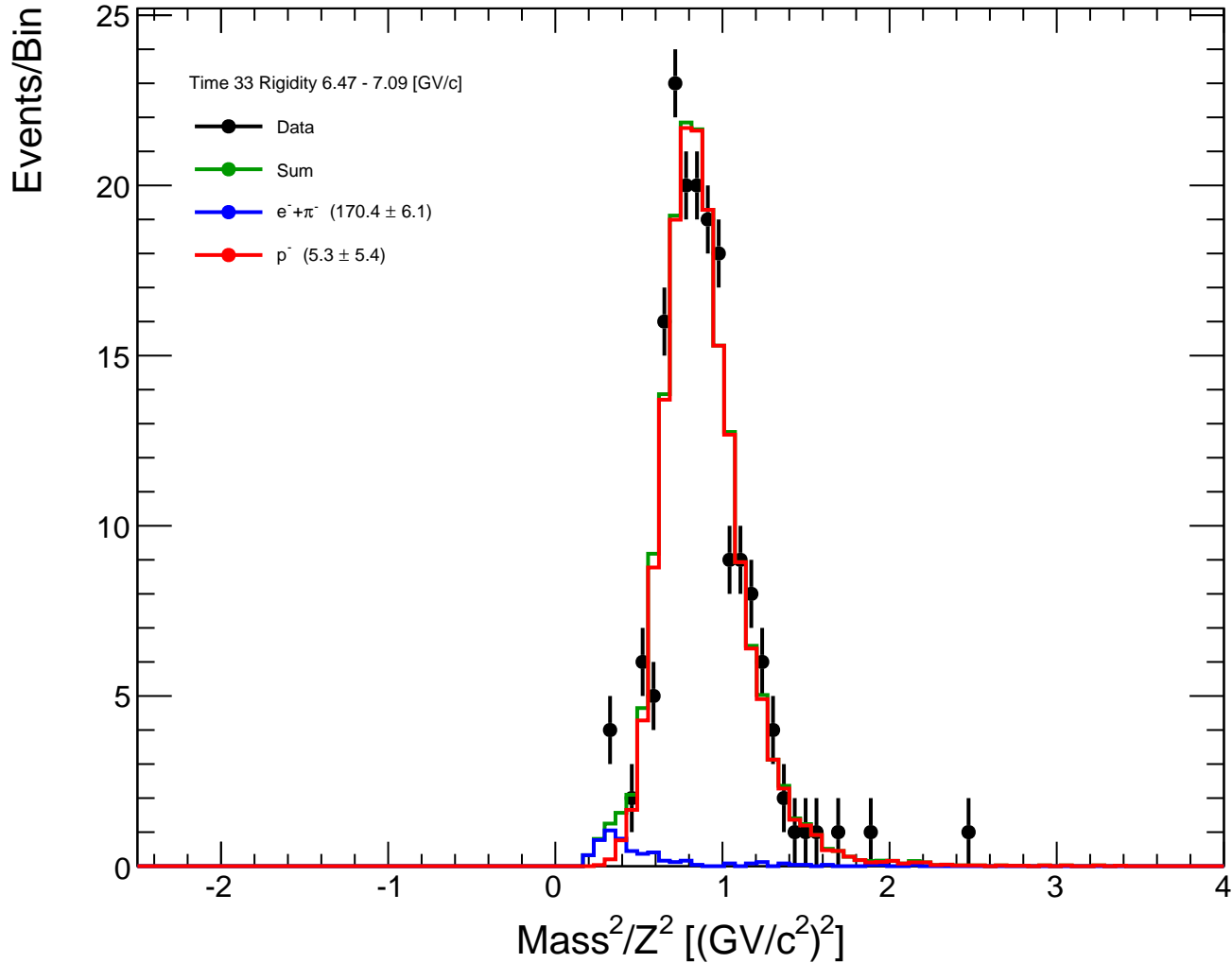


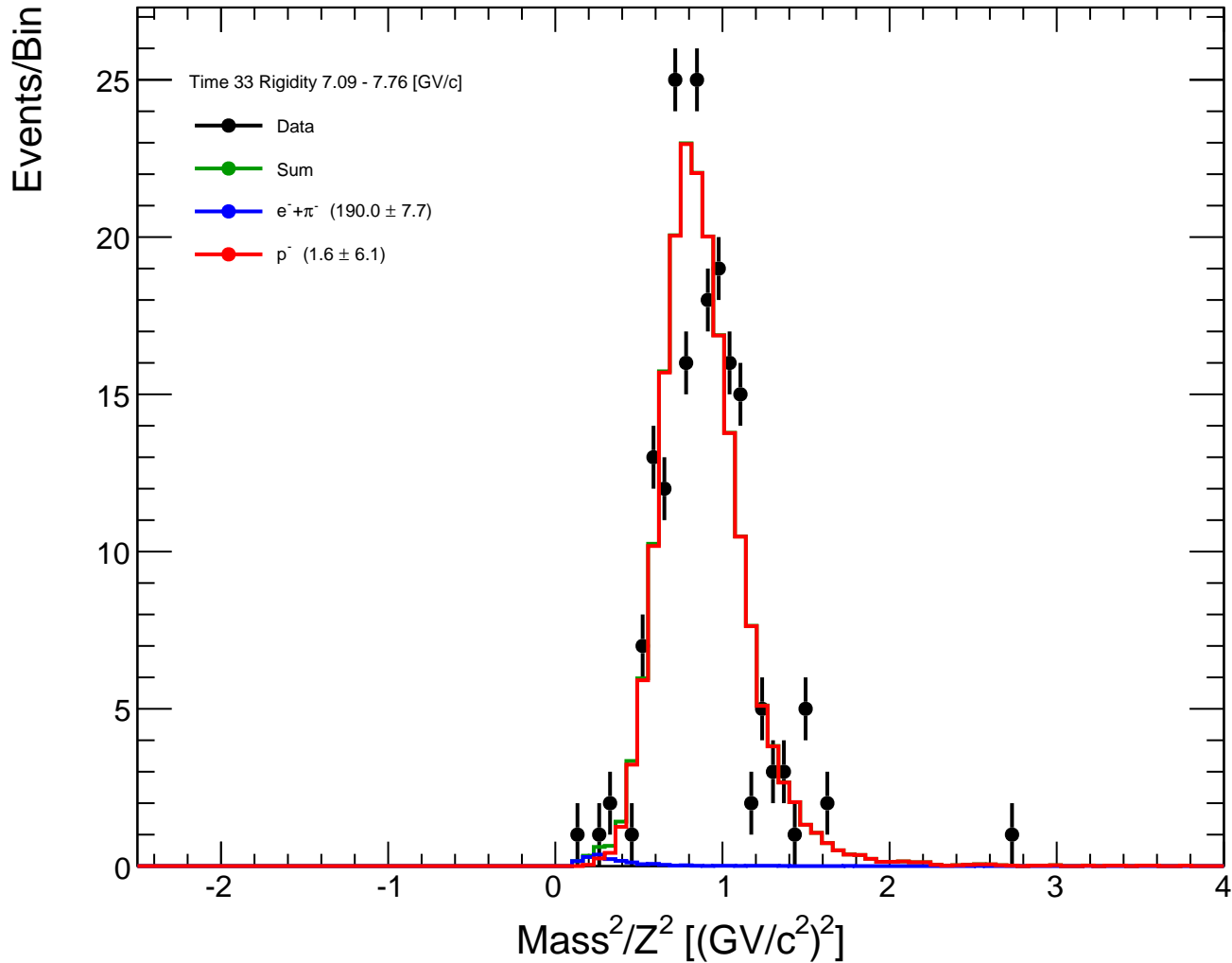


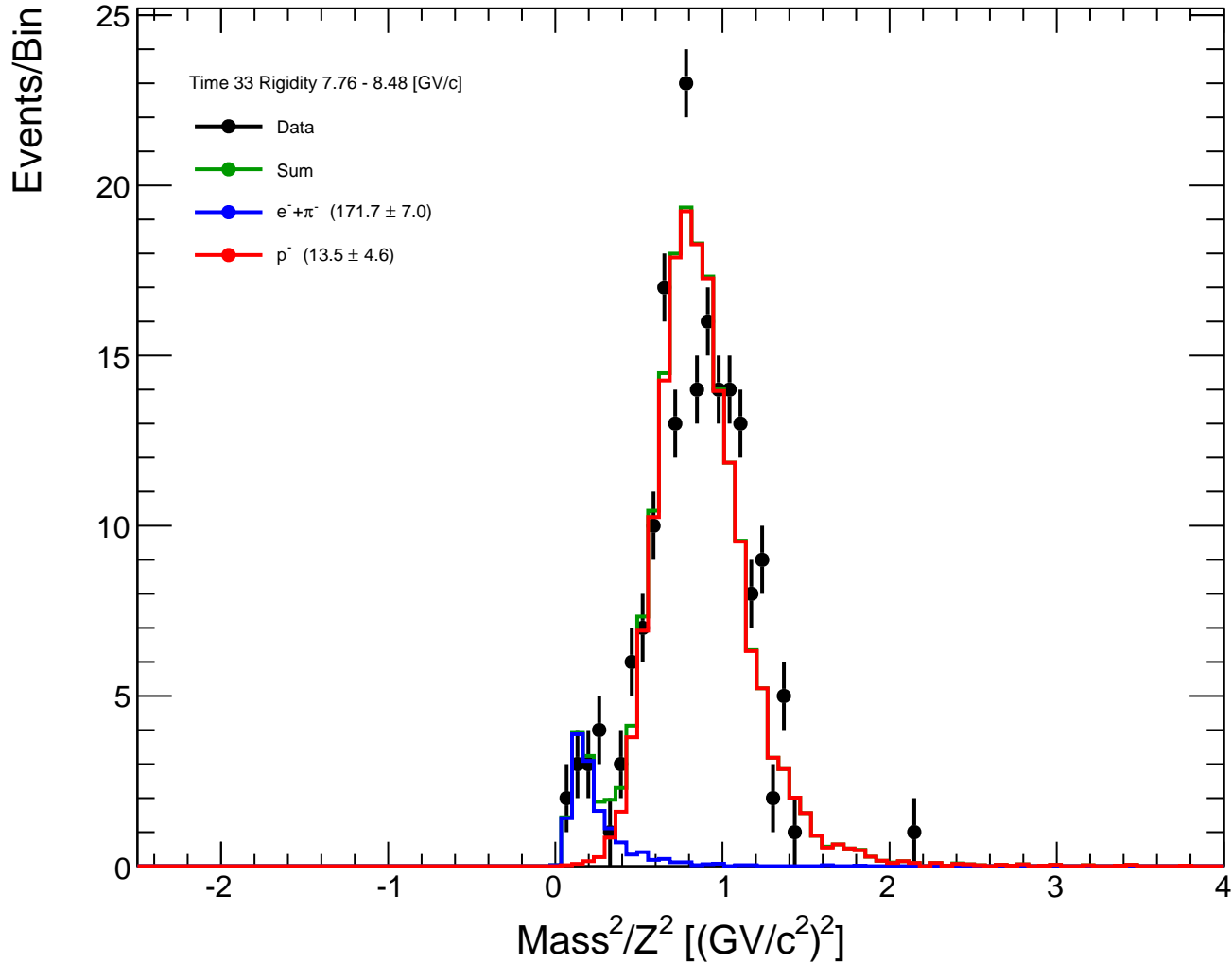


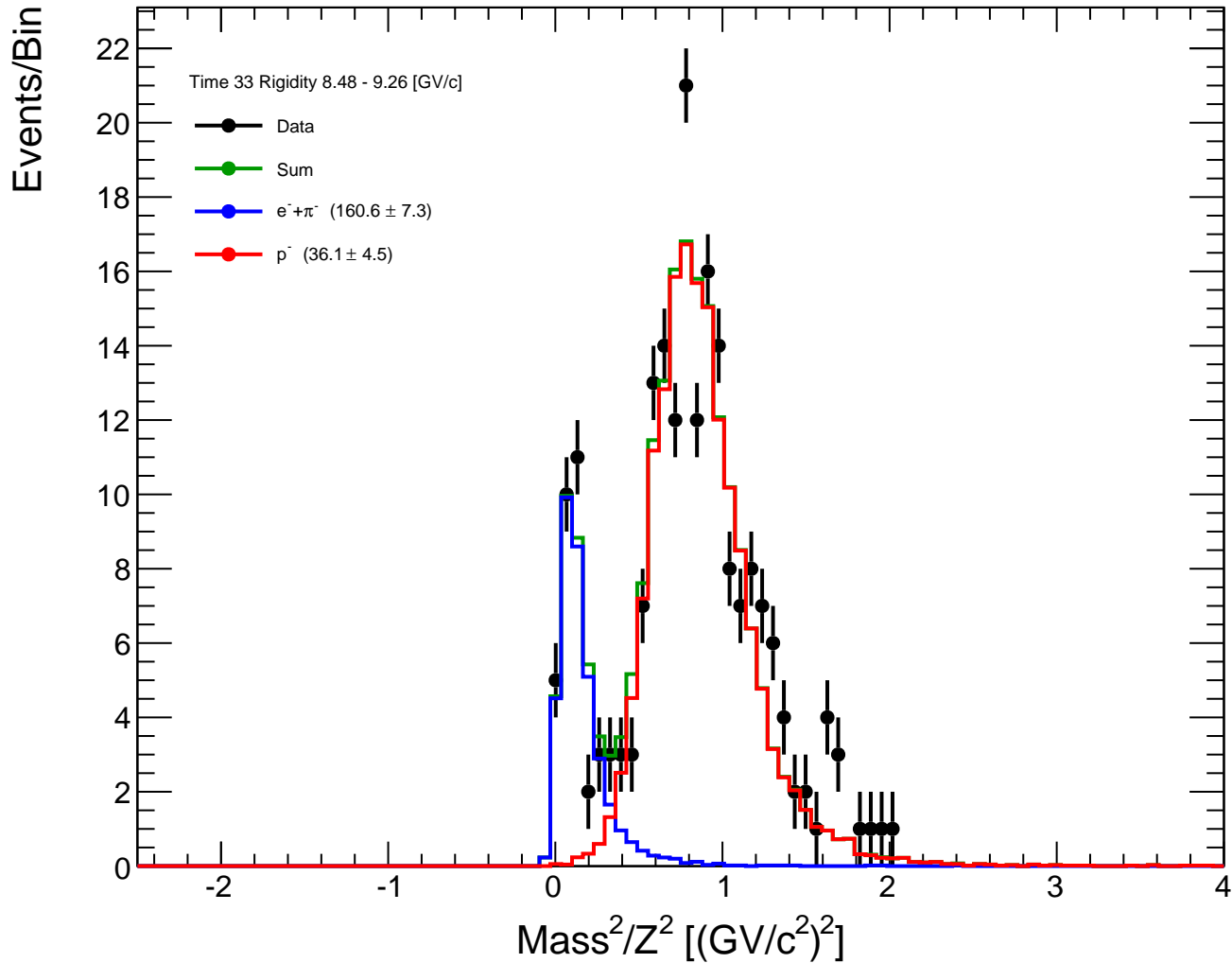


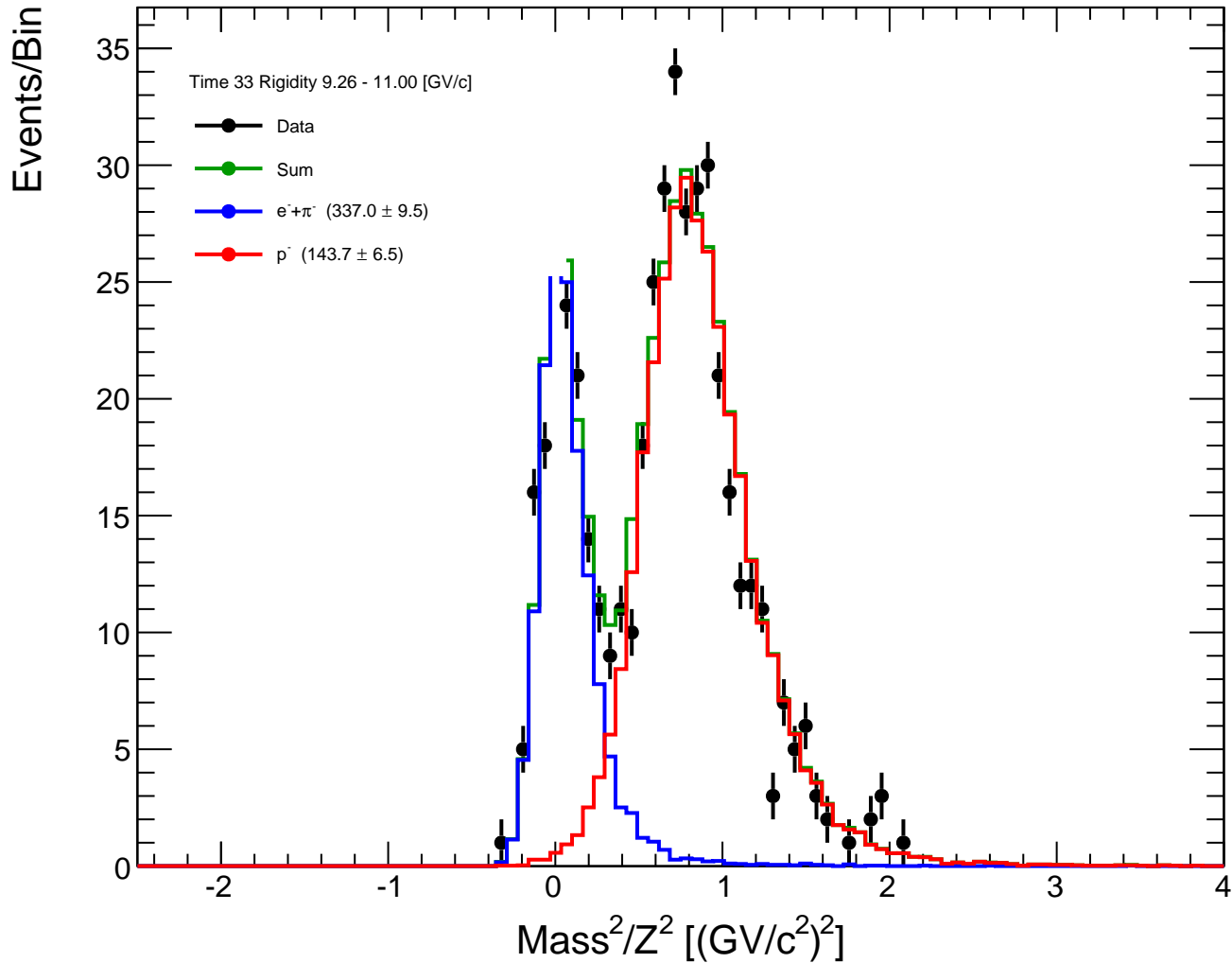




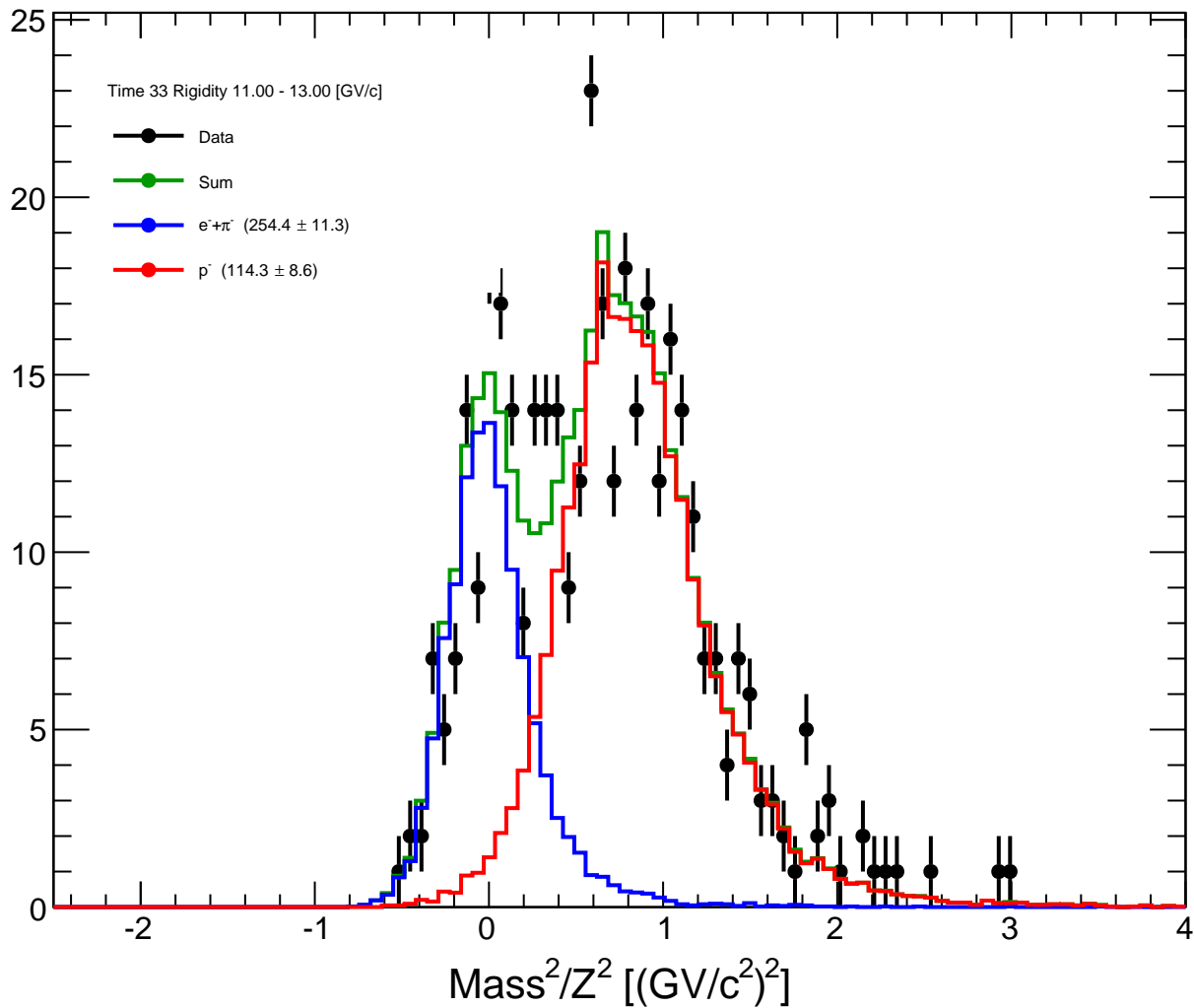




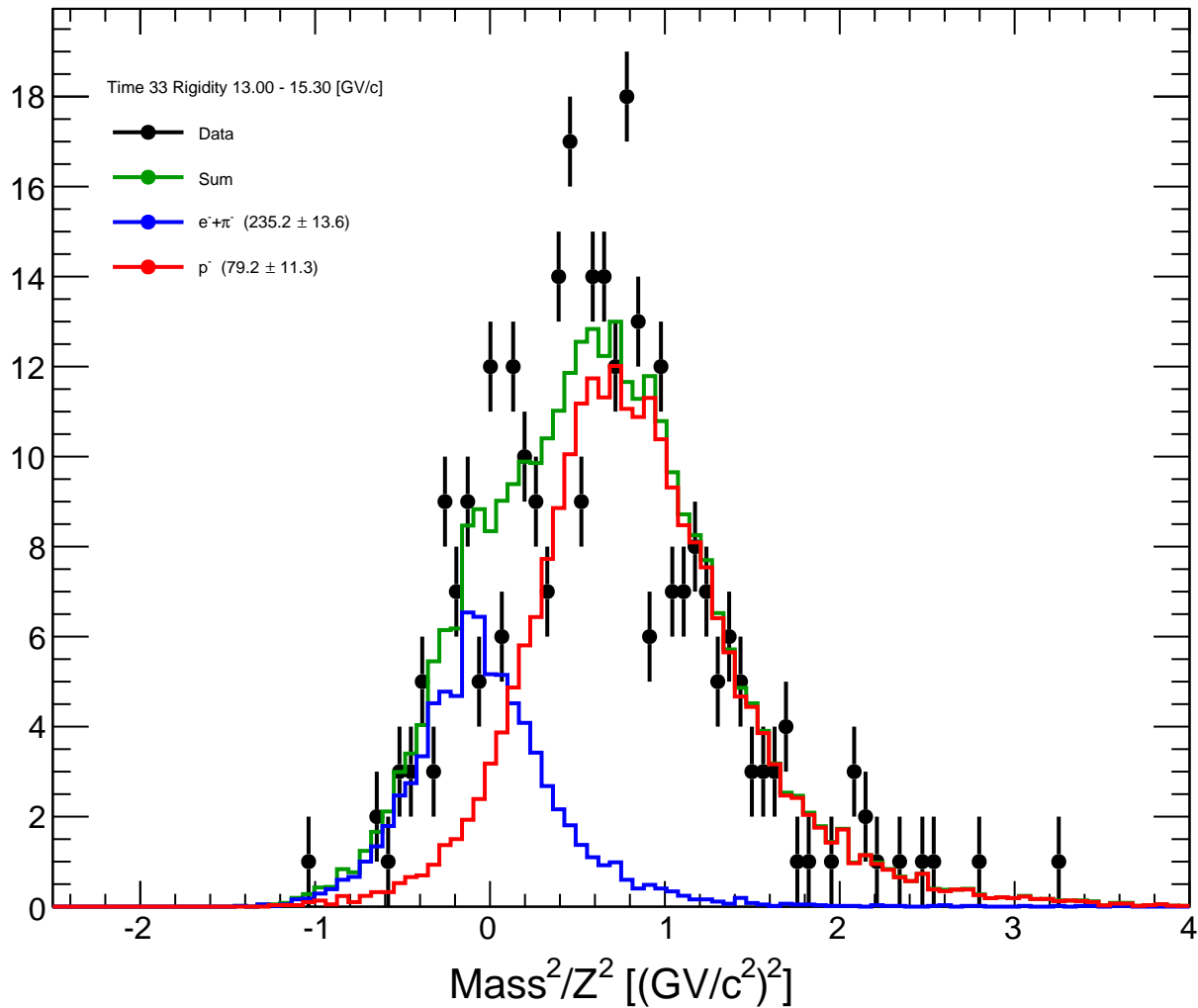


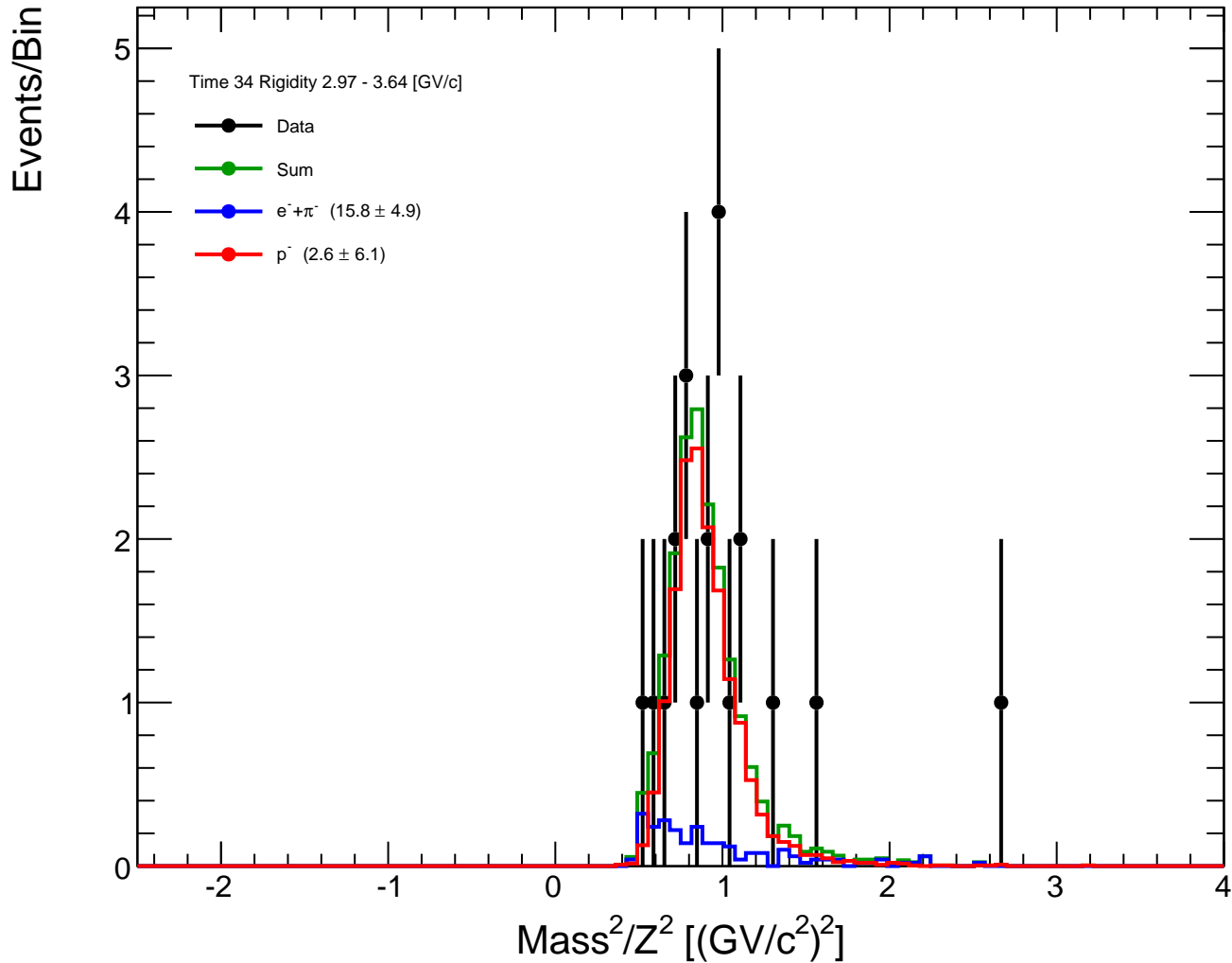


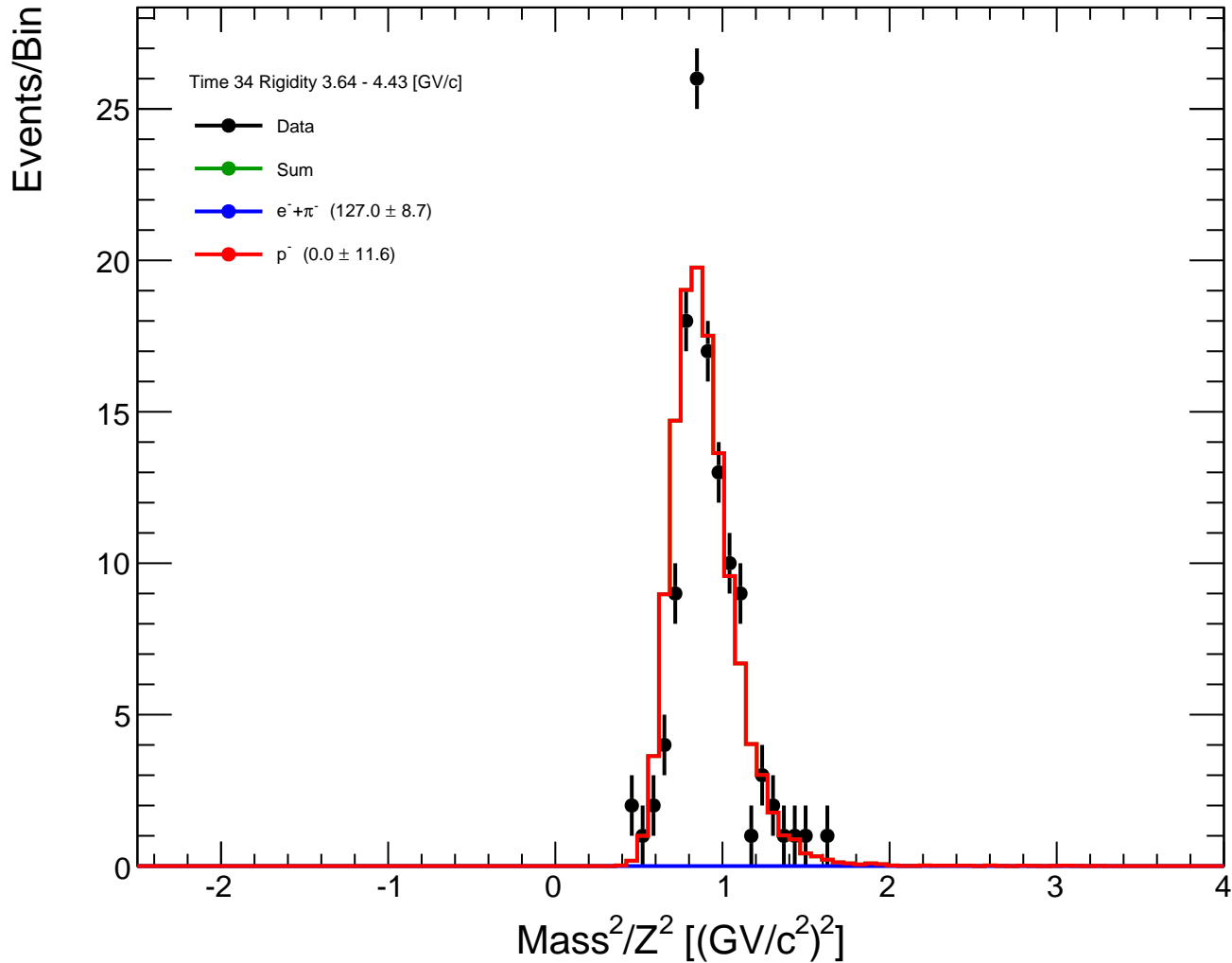
Events/Bin

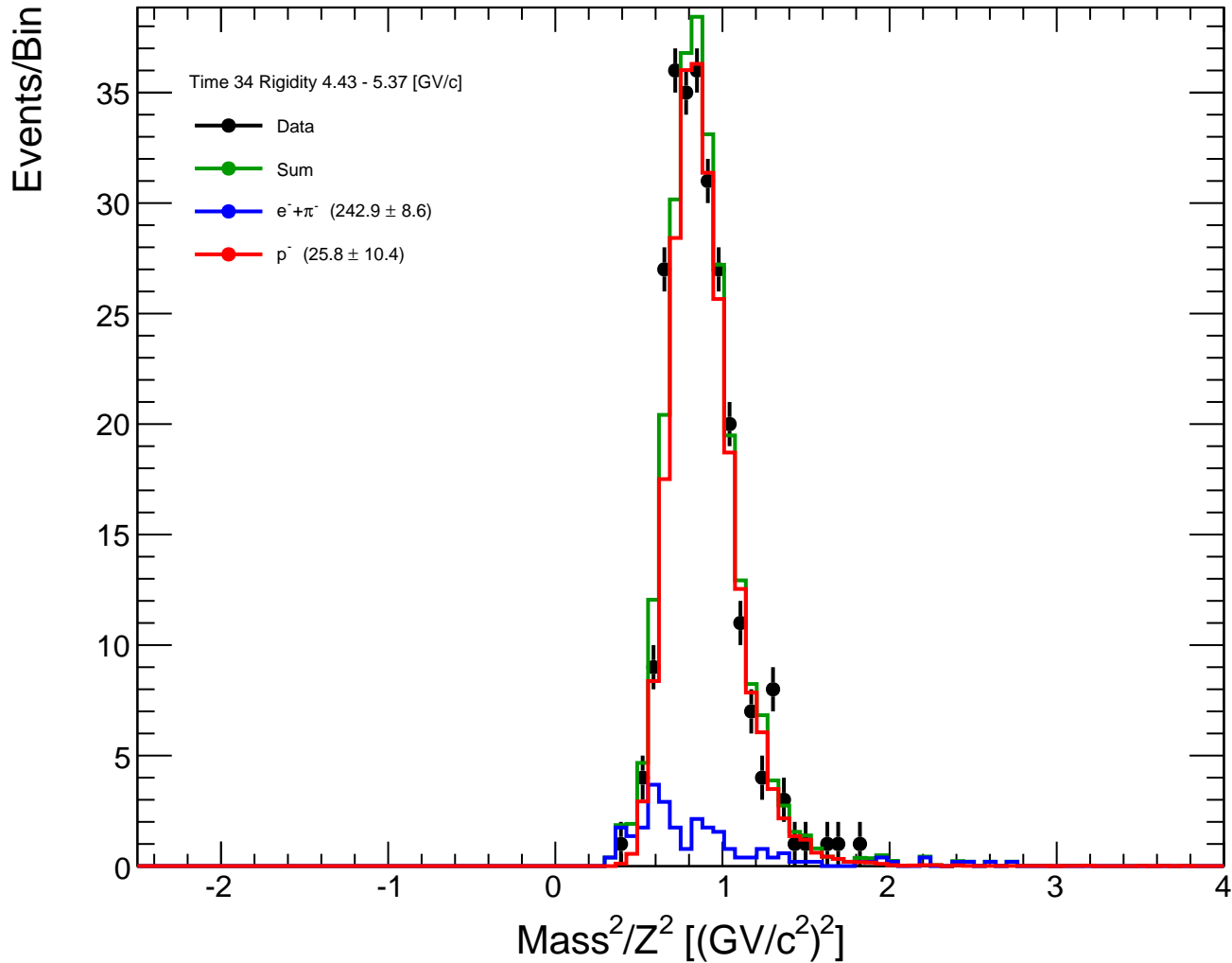


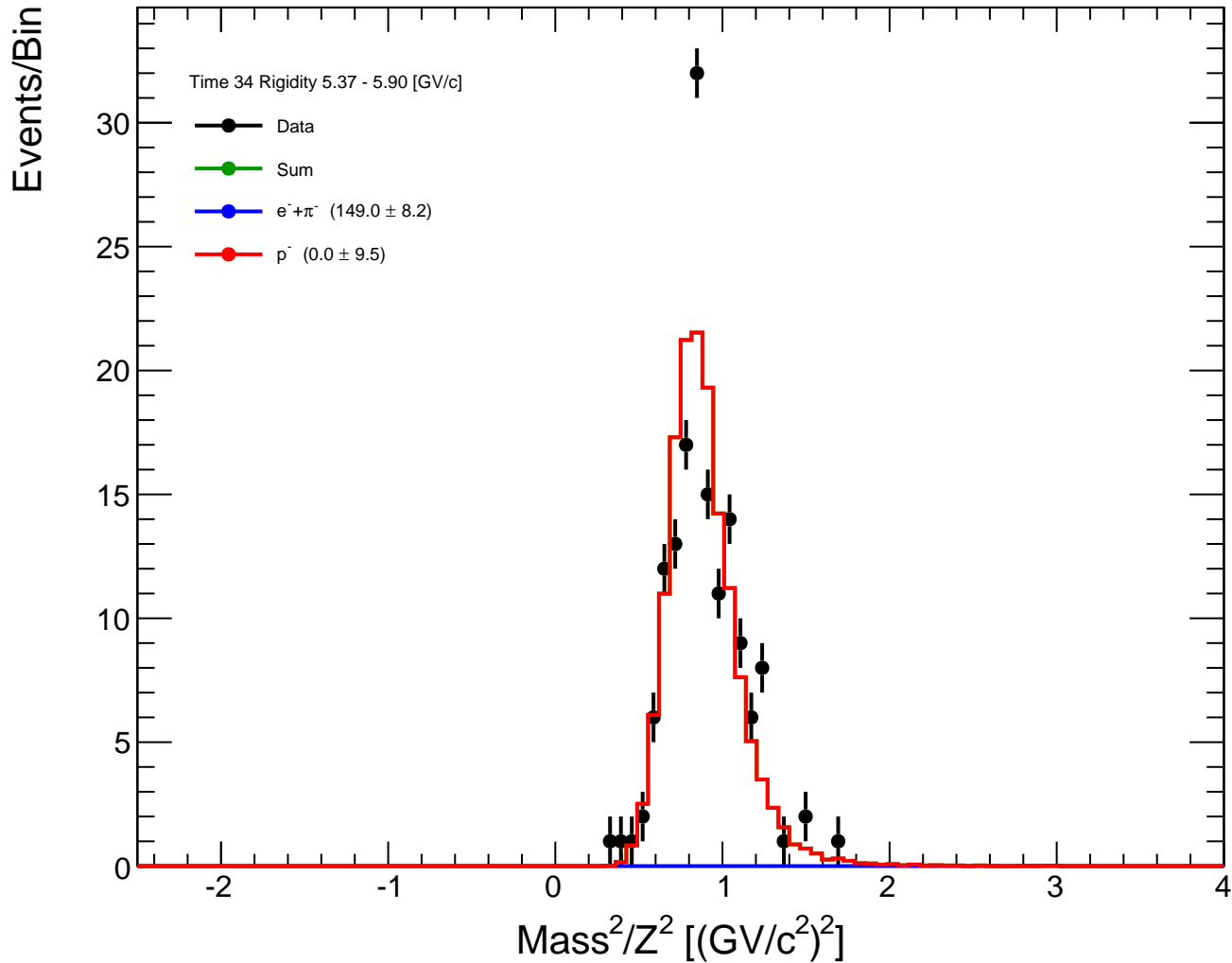
Events/Bin

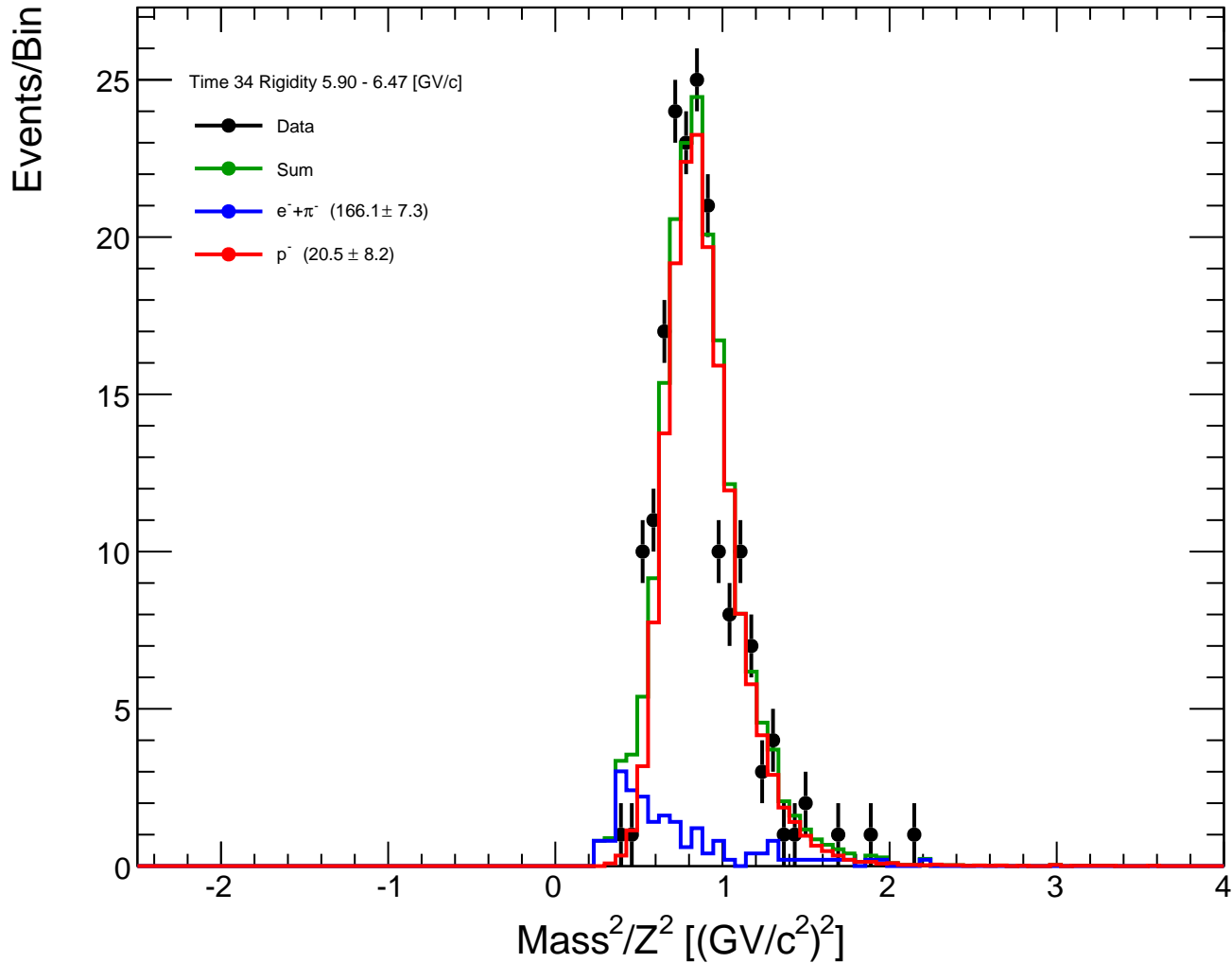


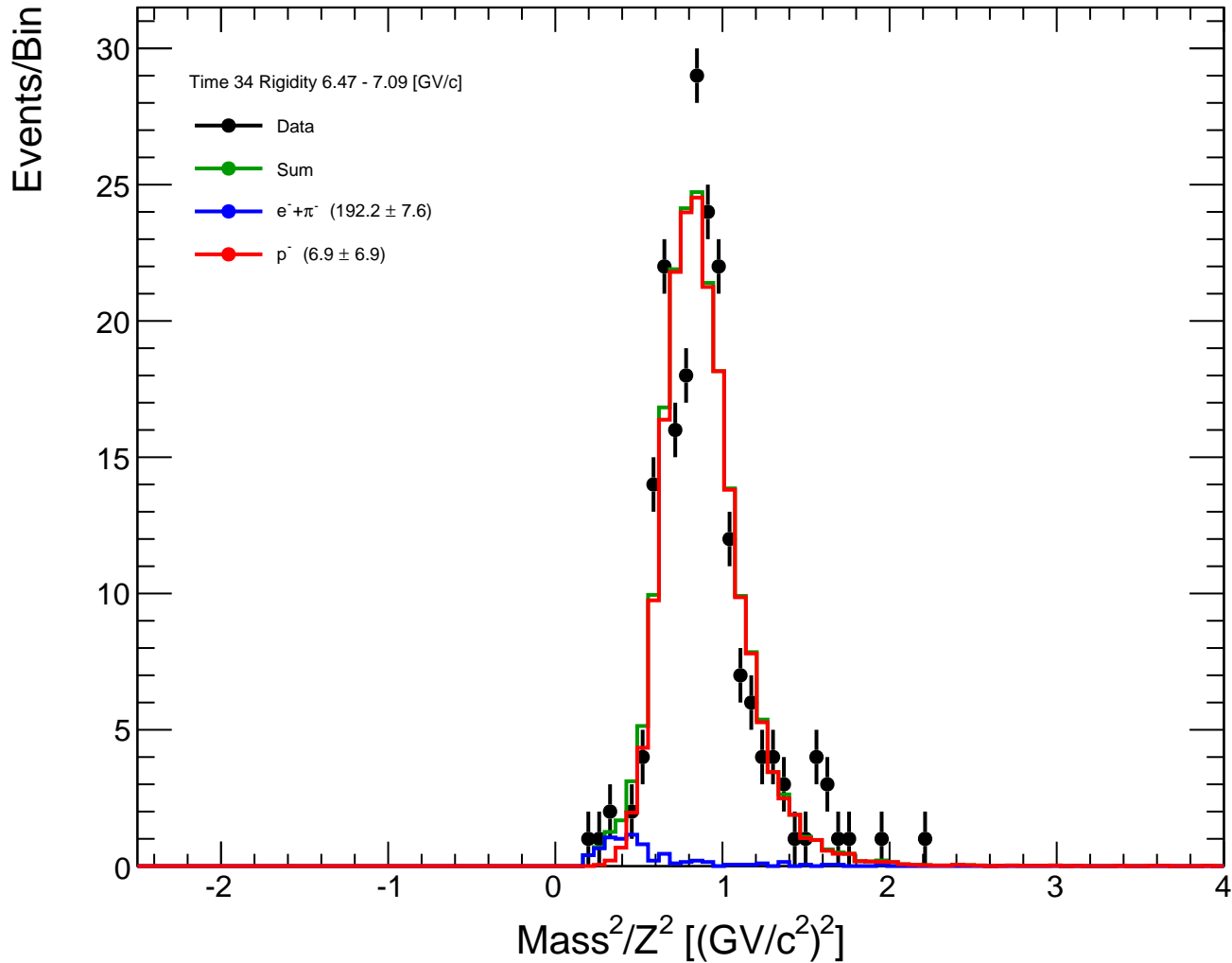


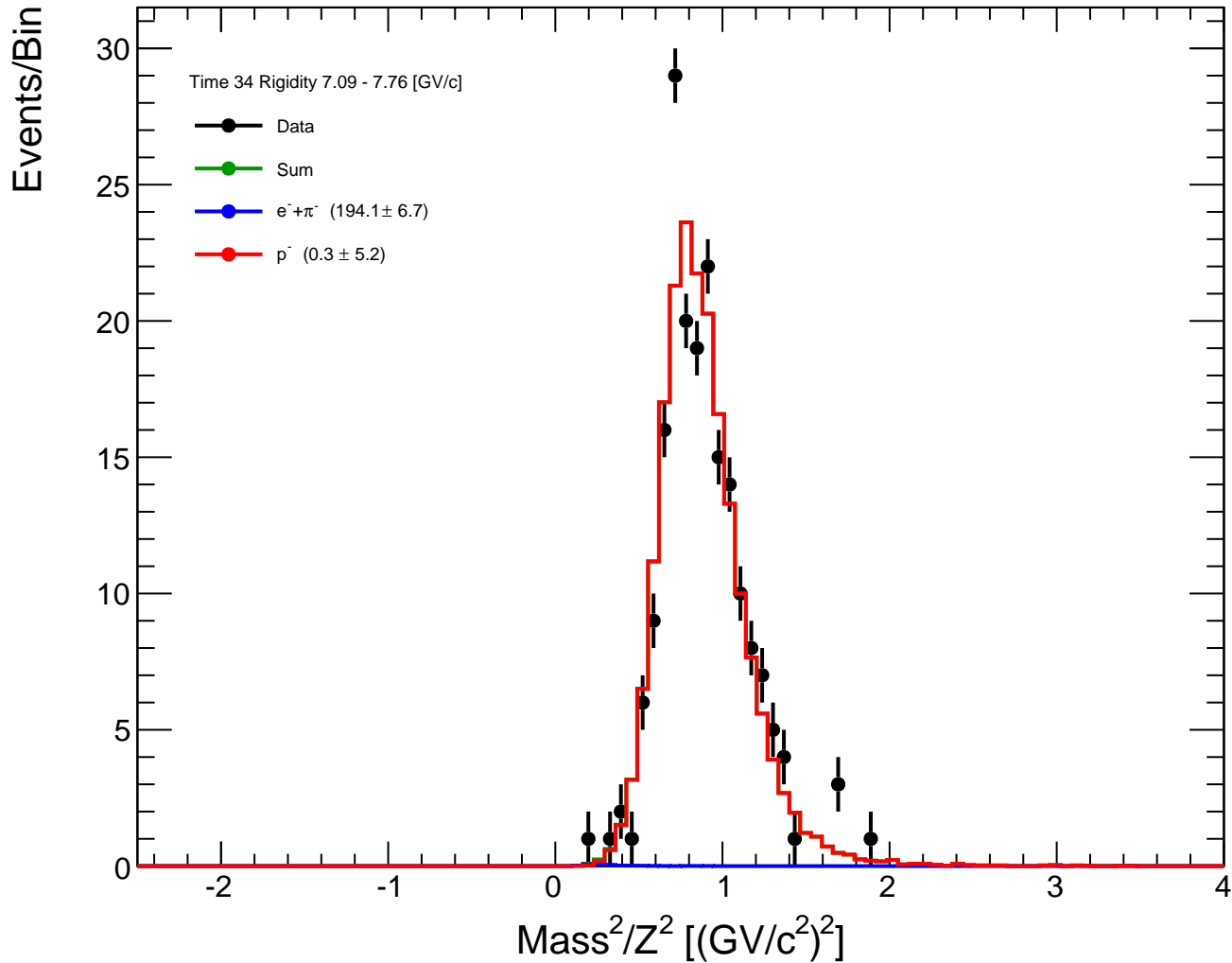


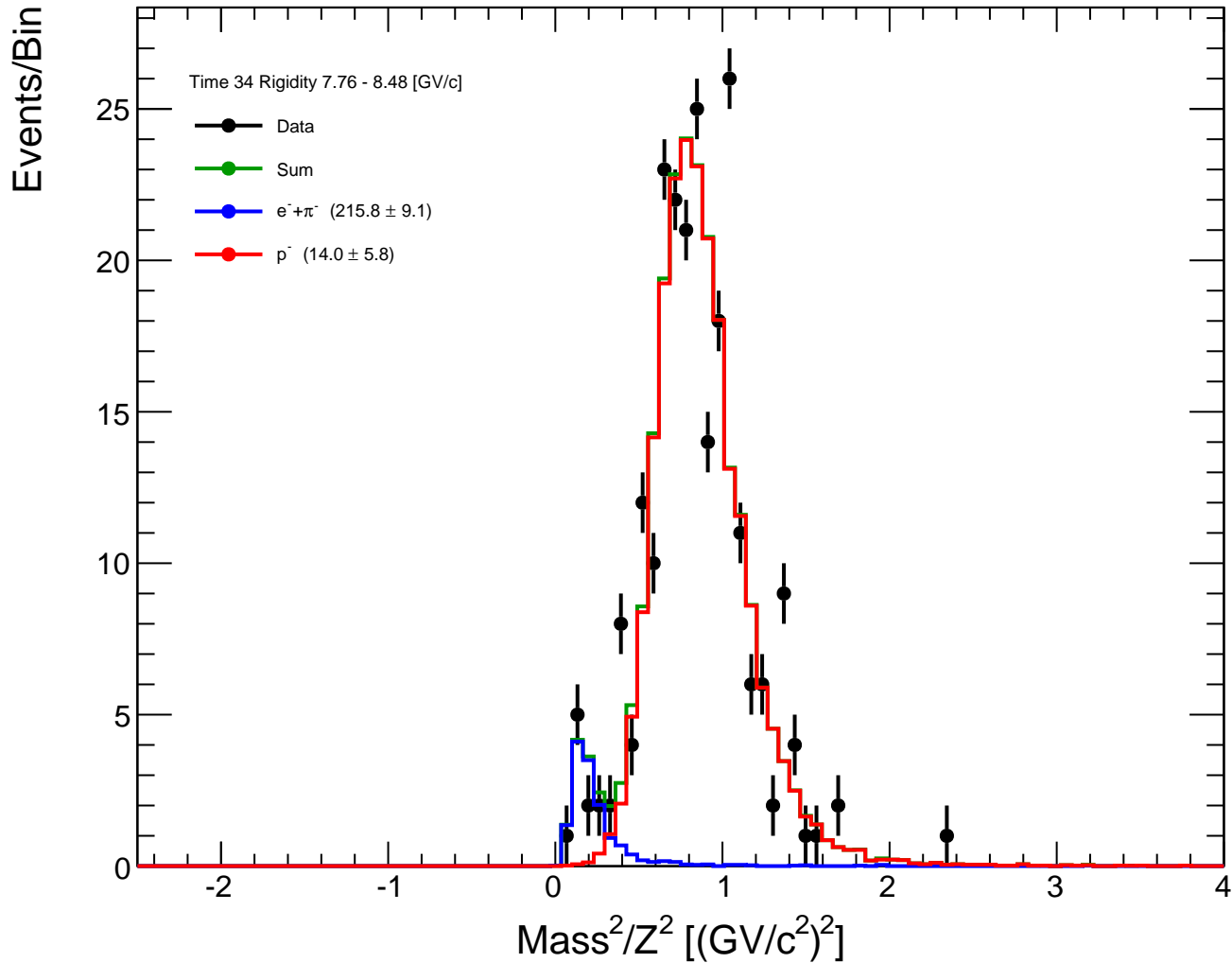


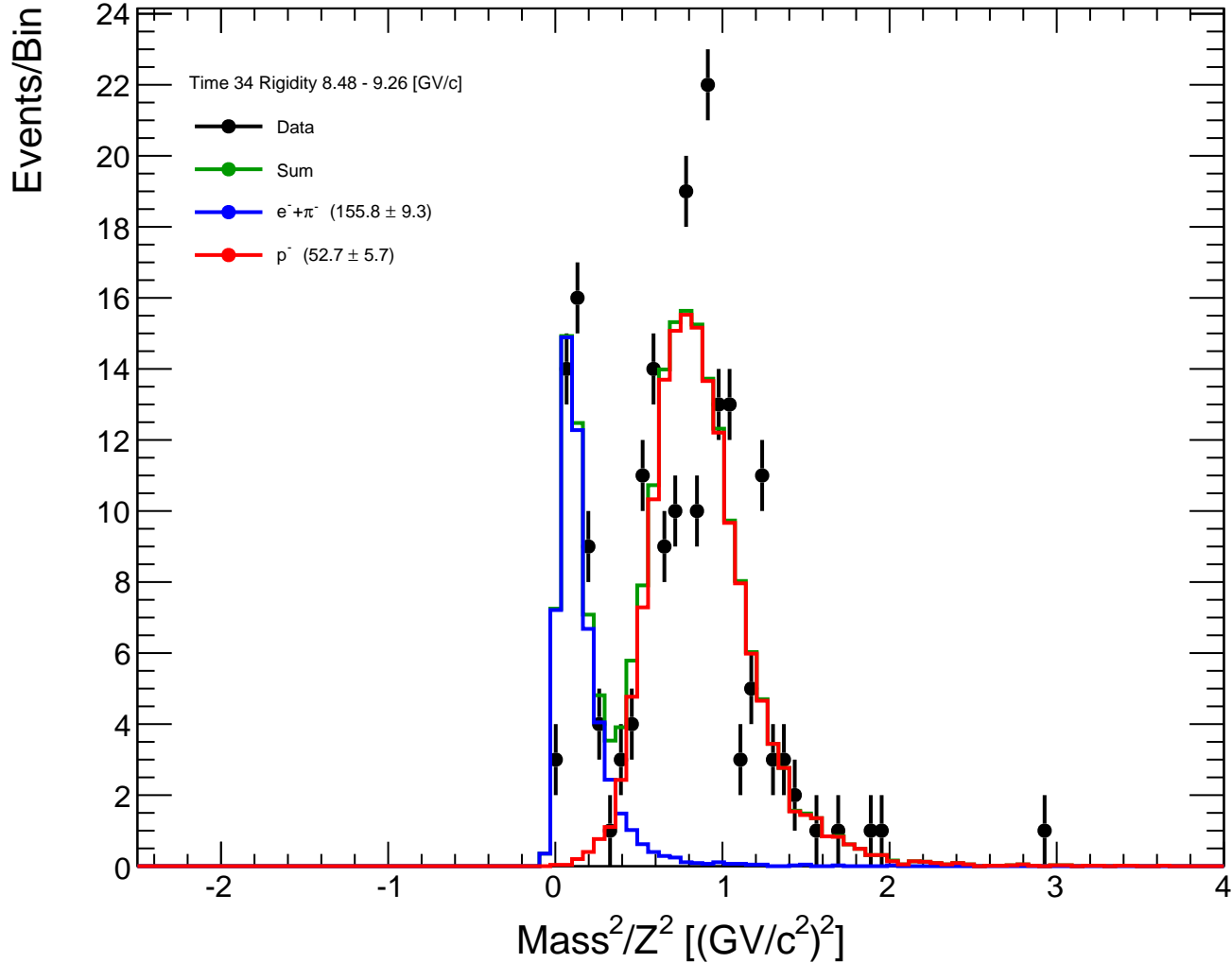




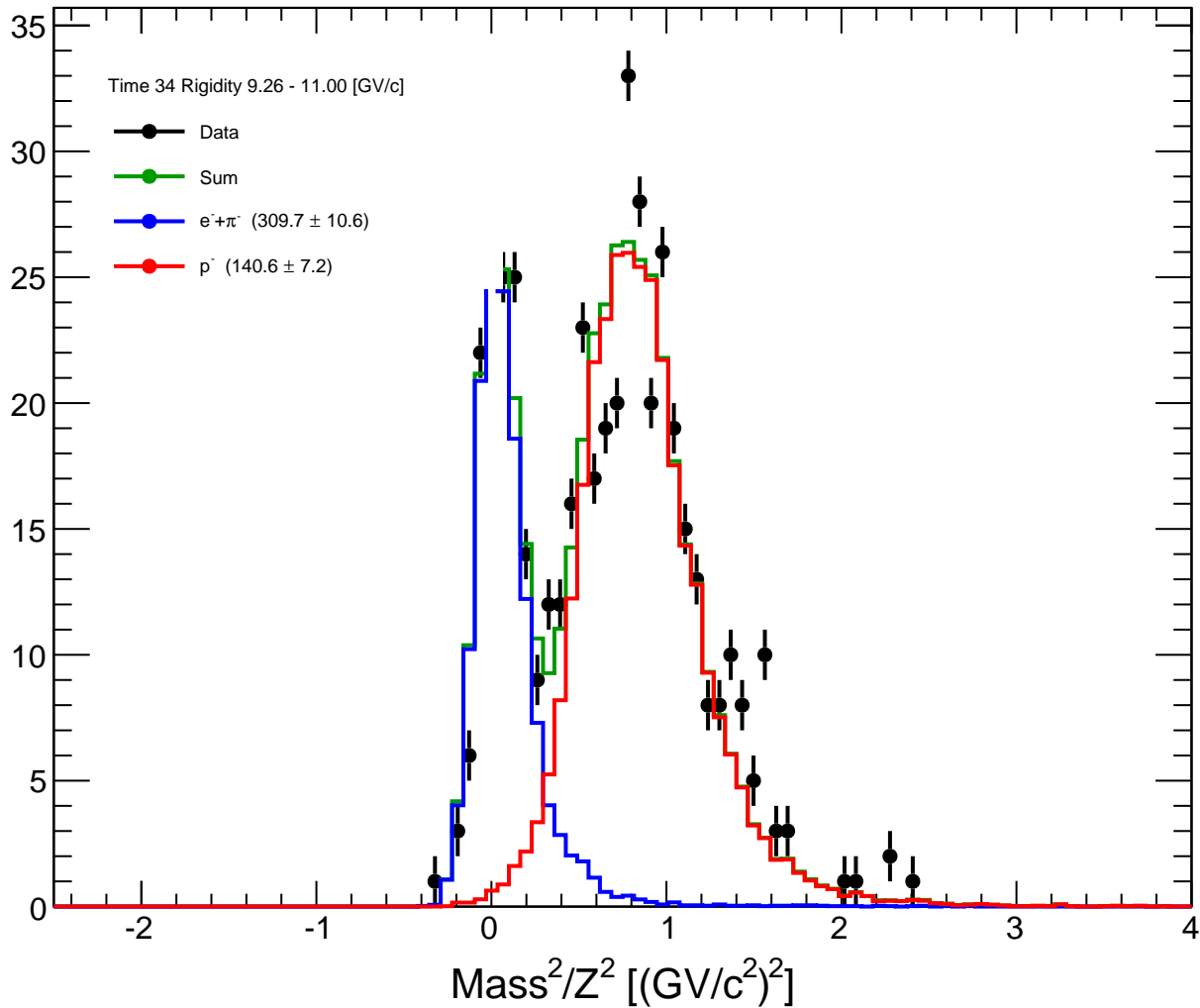




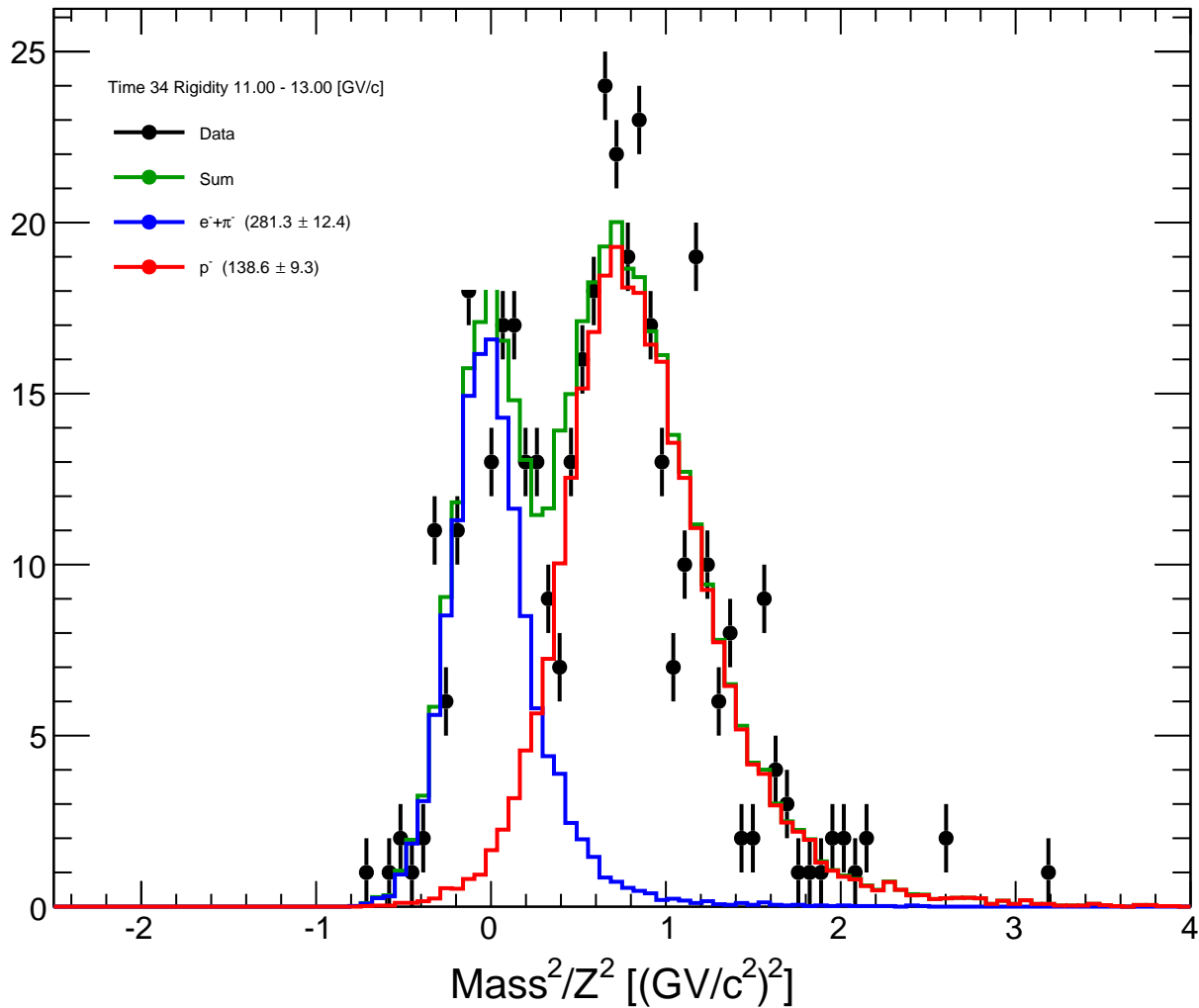




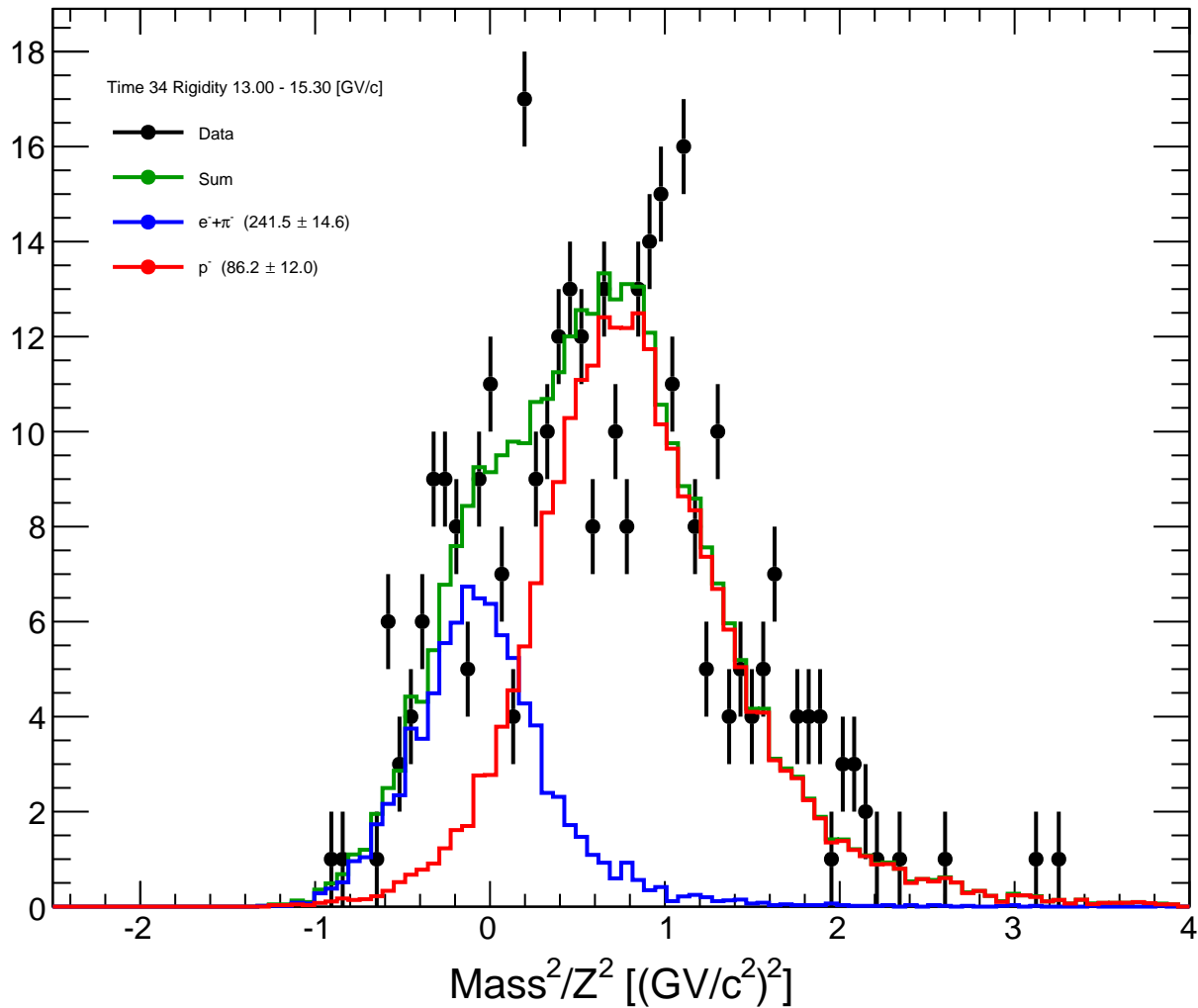
Events/Bin



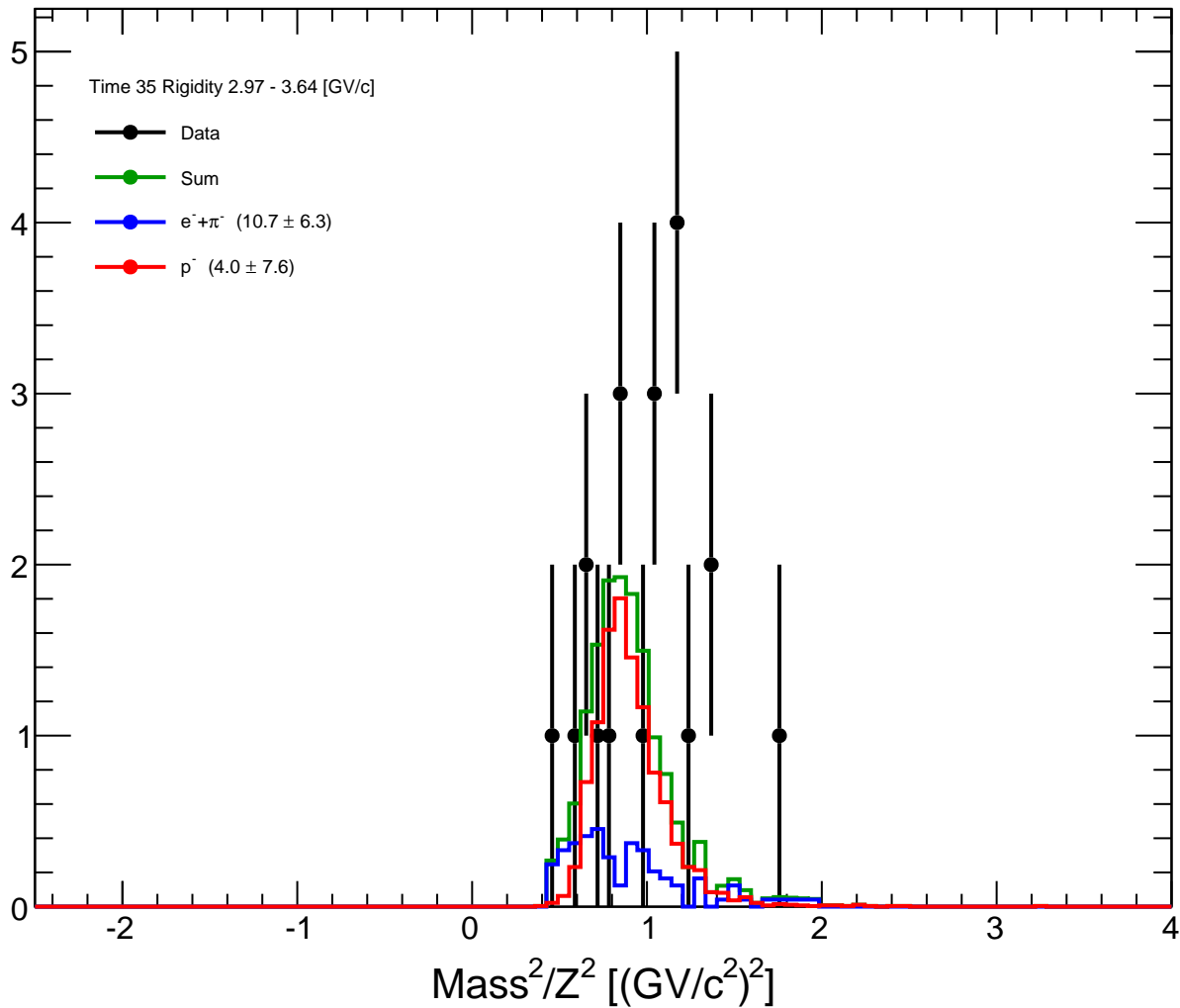
Events/Bin

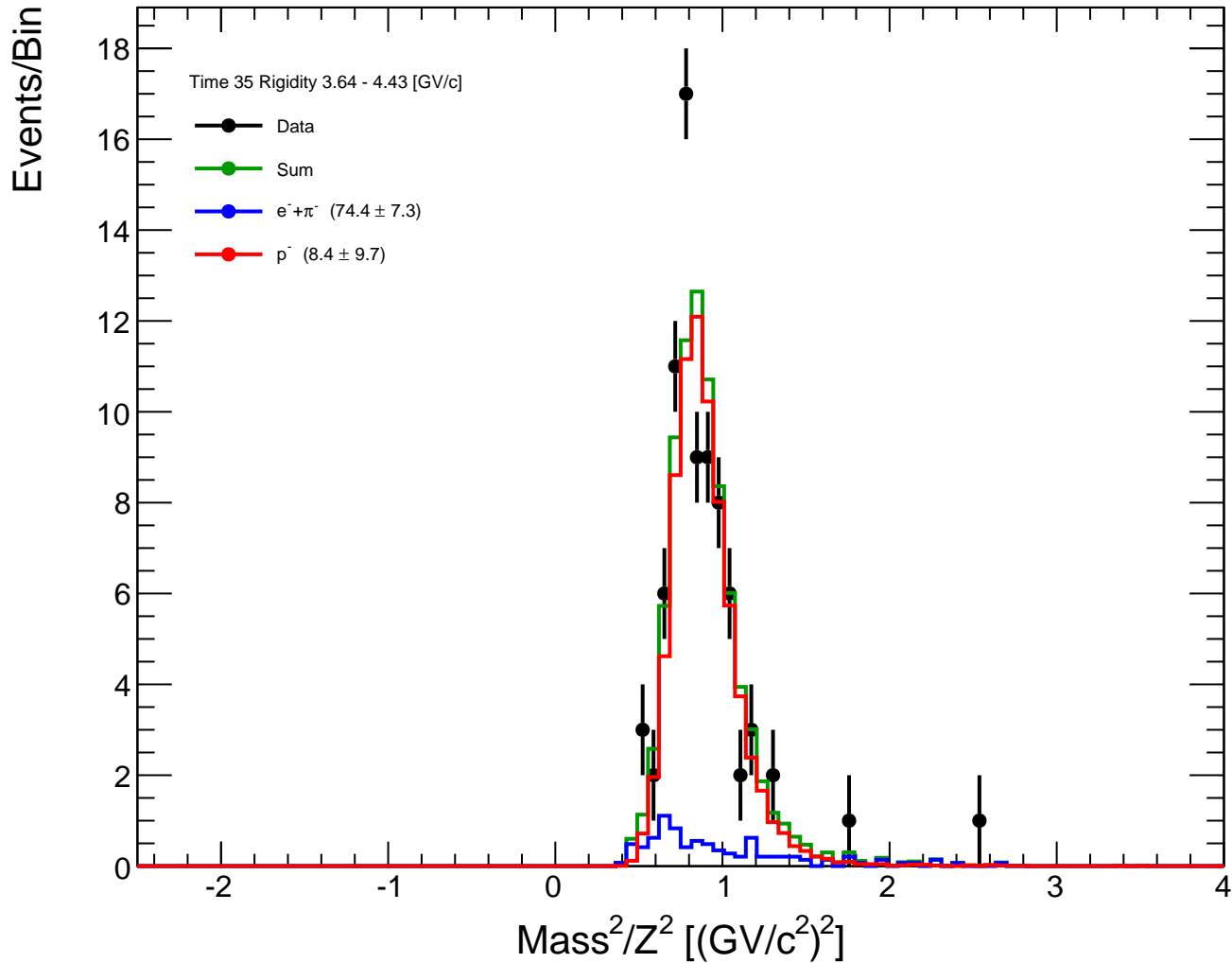


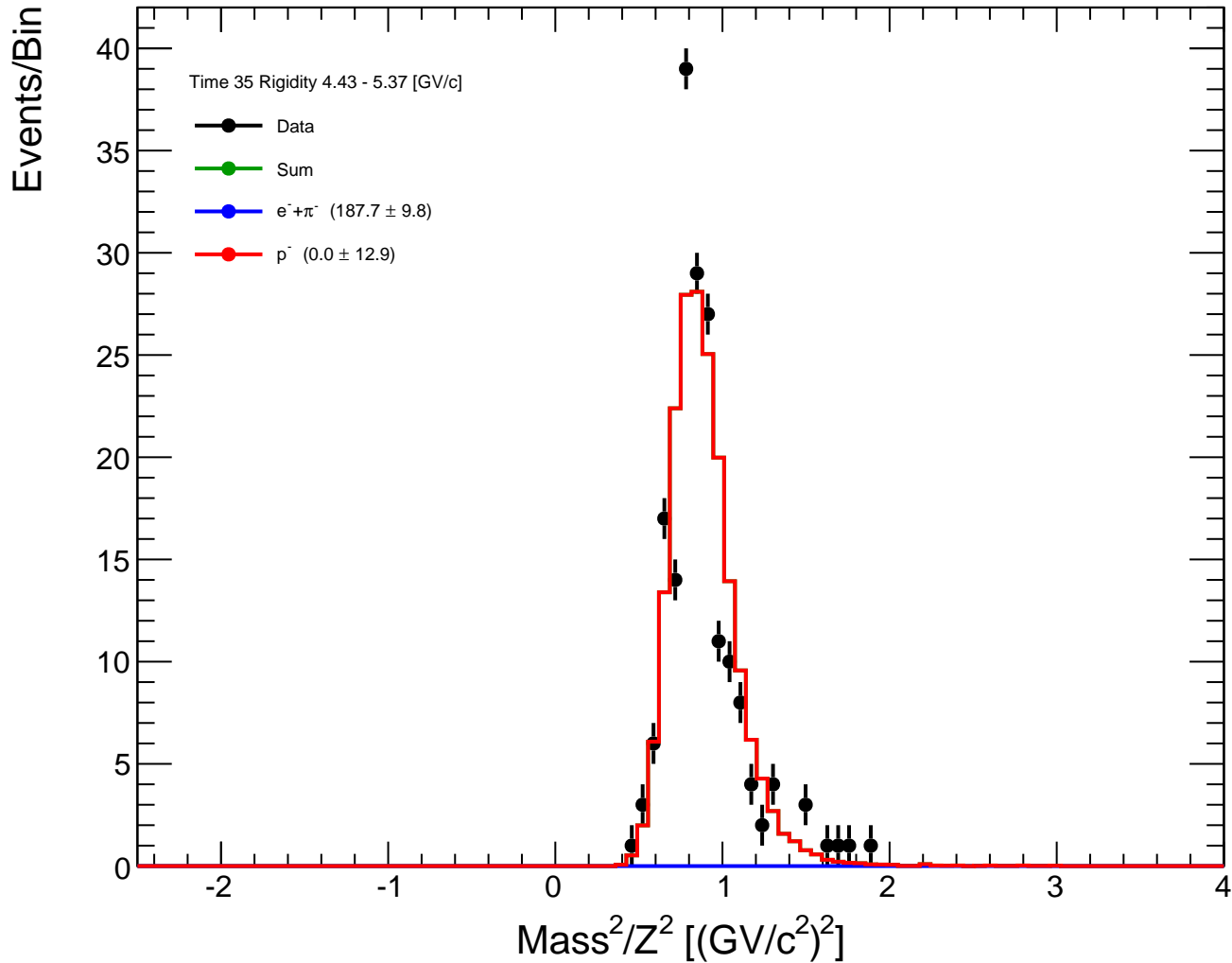
Events/Bin

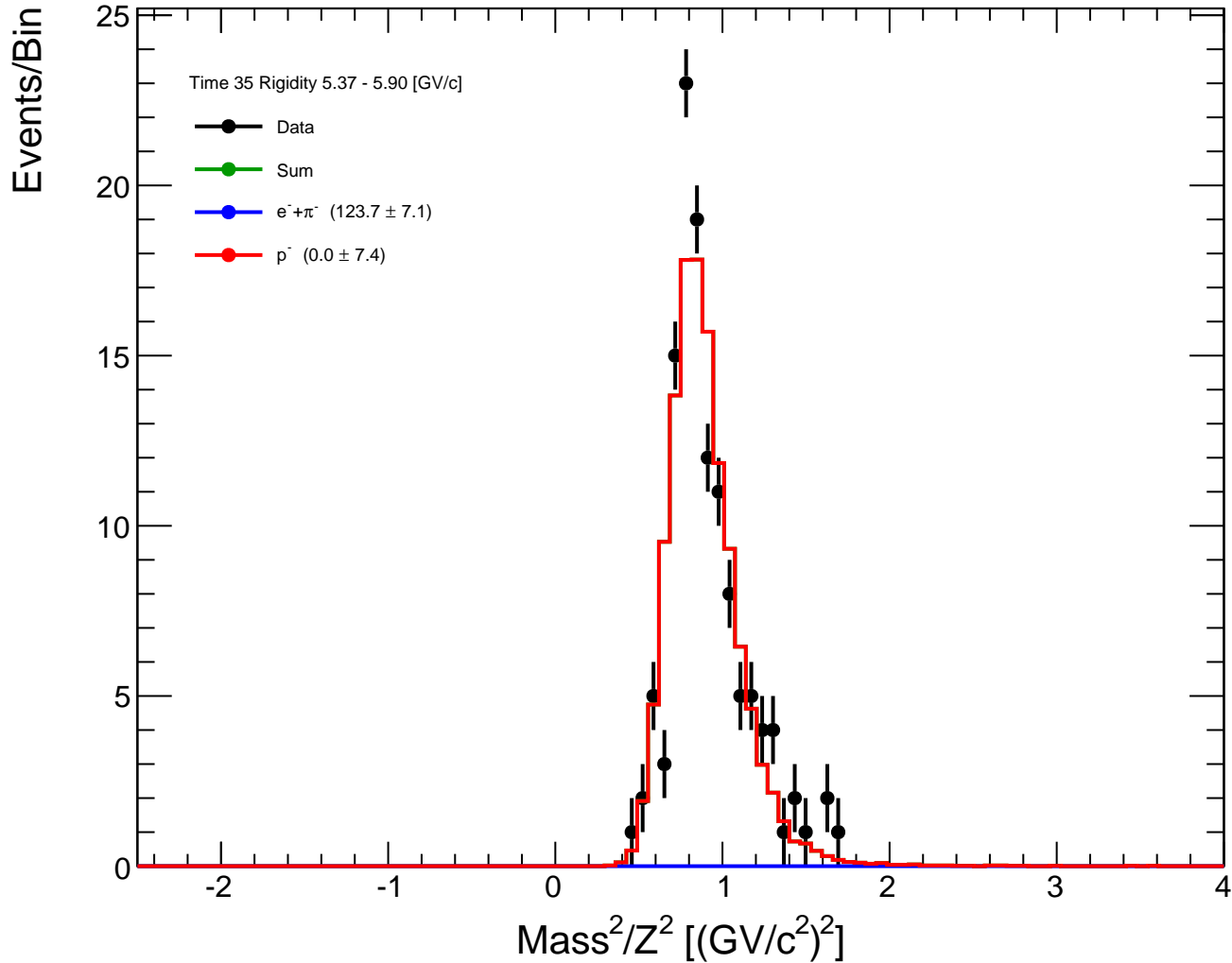


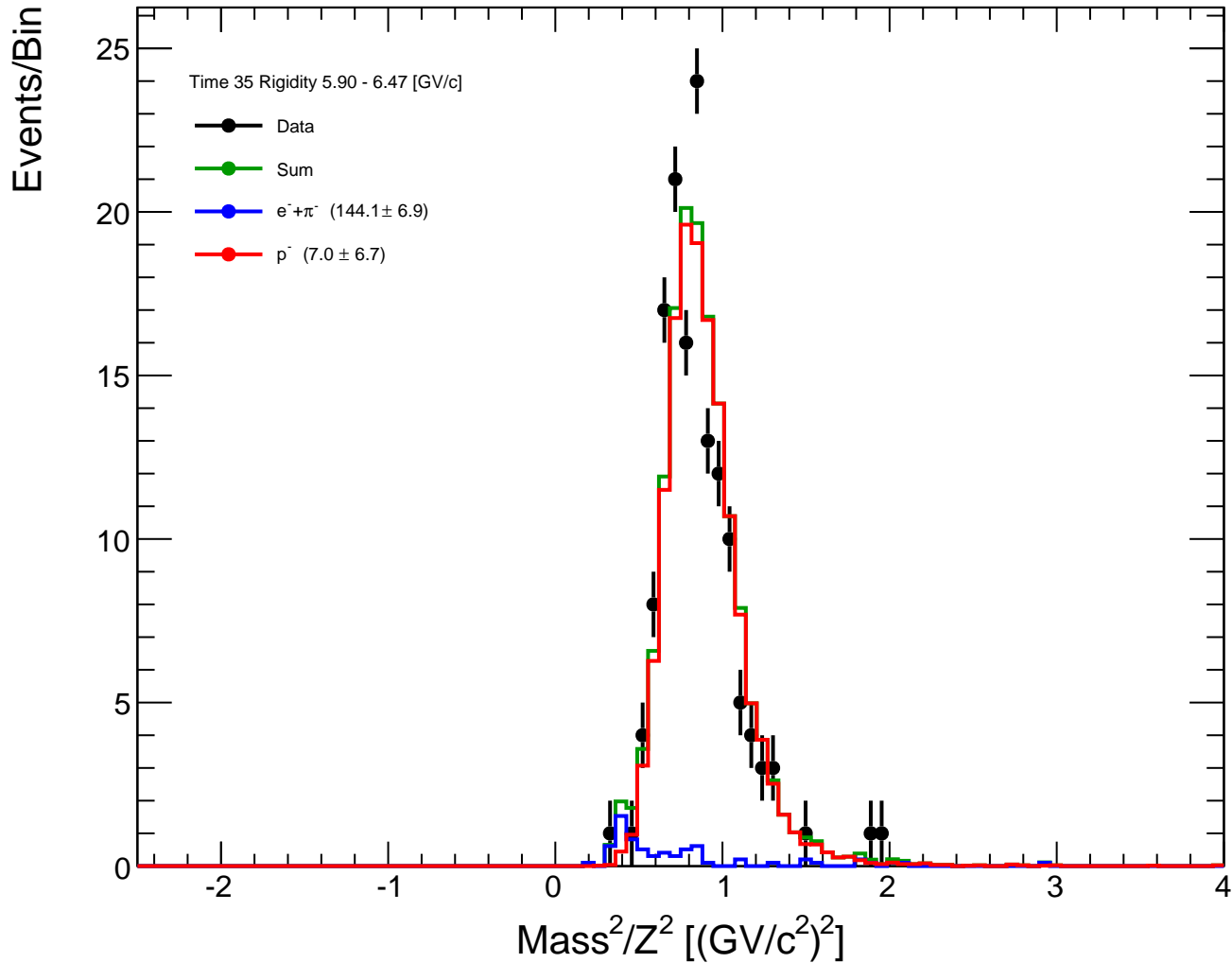
Events/Bin

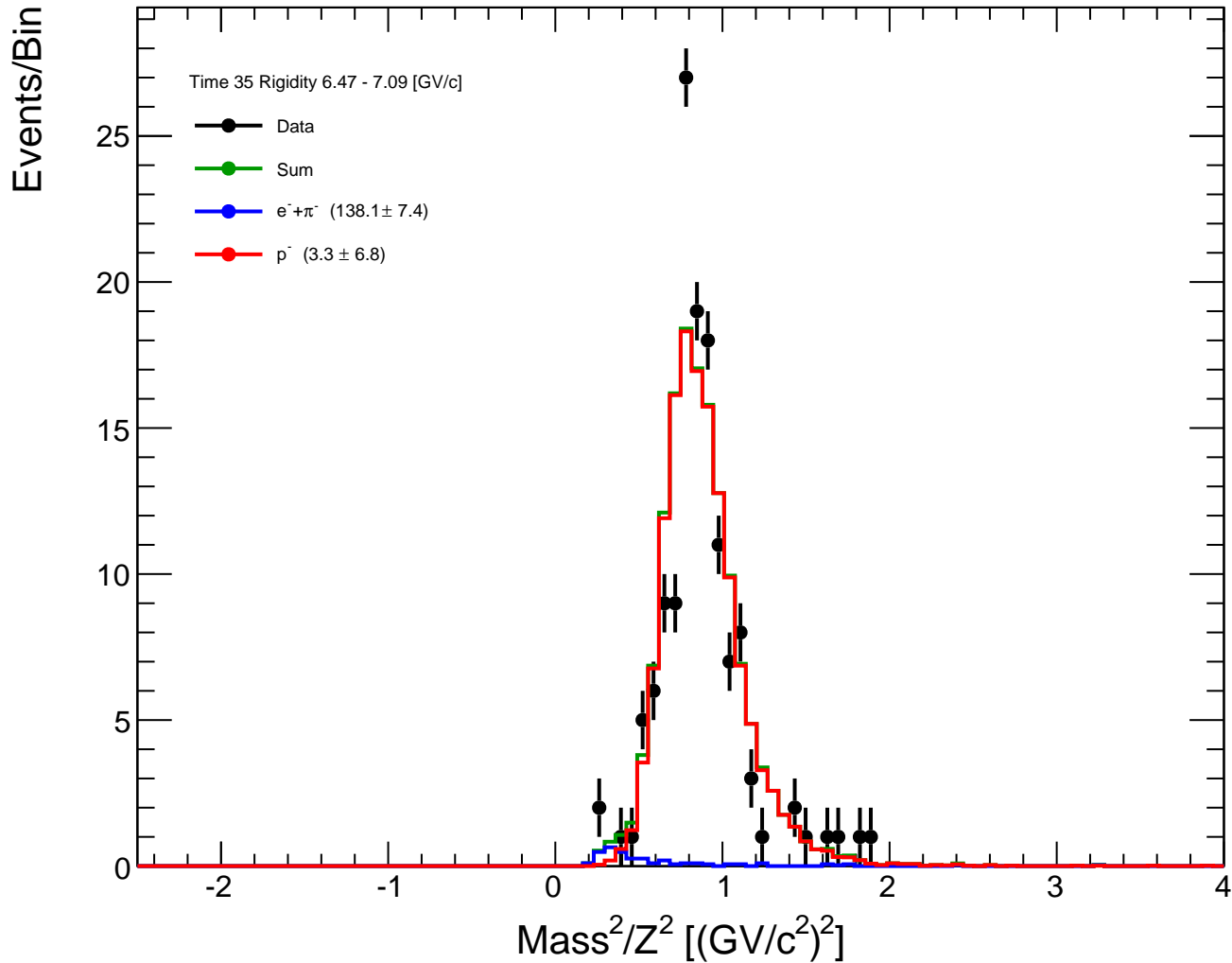




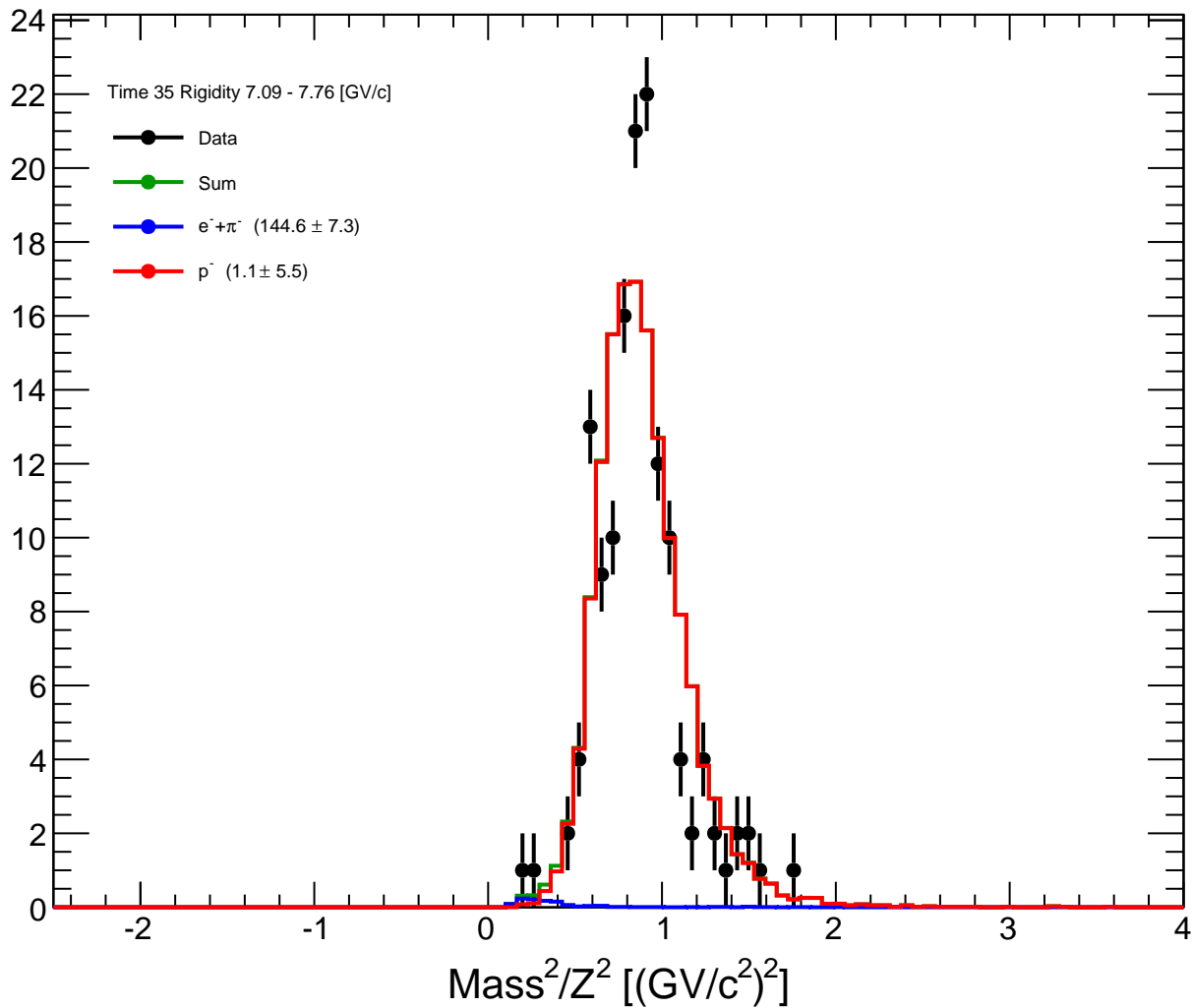








Events/Bin



Events/Bin

Time 35 Rigidity 7.76 - 8.48 [GV/c]

● Data

● Sum

● $e^- + \pi^-$ (132.1 ± 7.0)

● p^- (8.6 ± 4.4)

16
14
12
10
8
6
4
2
0

$\text{Mass}^2/Z^2 [(\text{GV}/c^2)^2]$

-2

-1

0

1

2

3

4

0

2

4

6

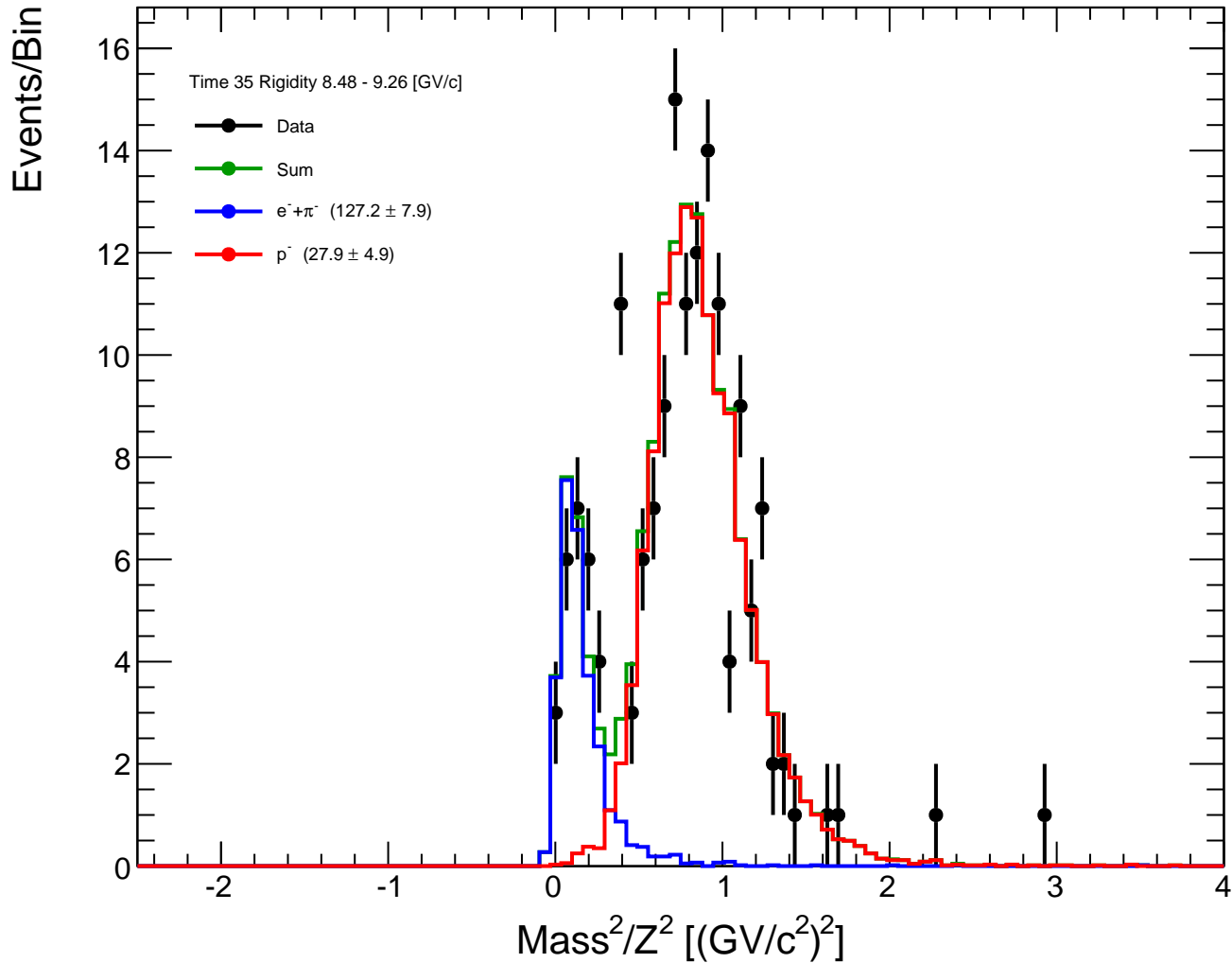
8

10

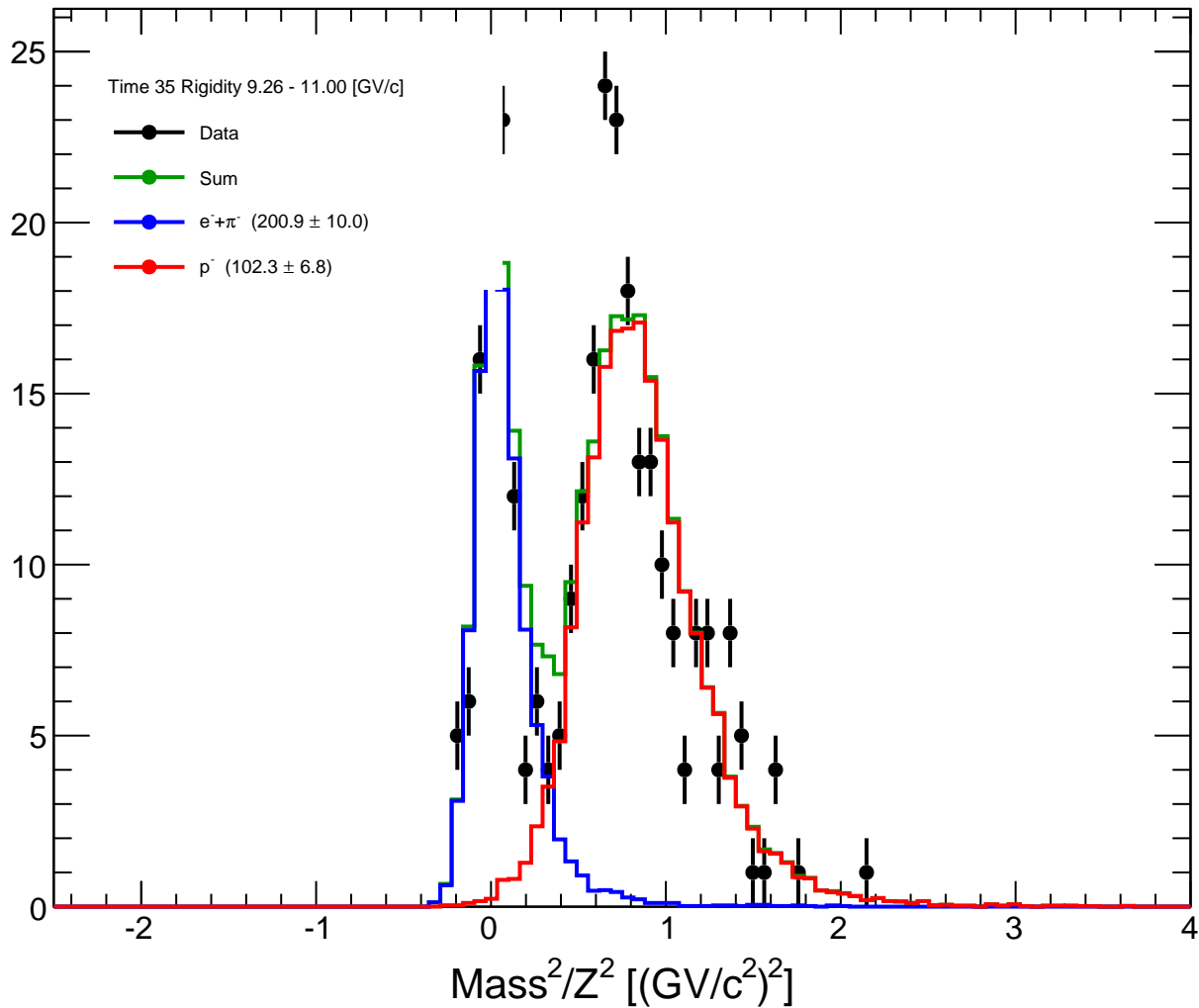
12

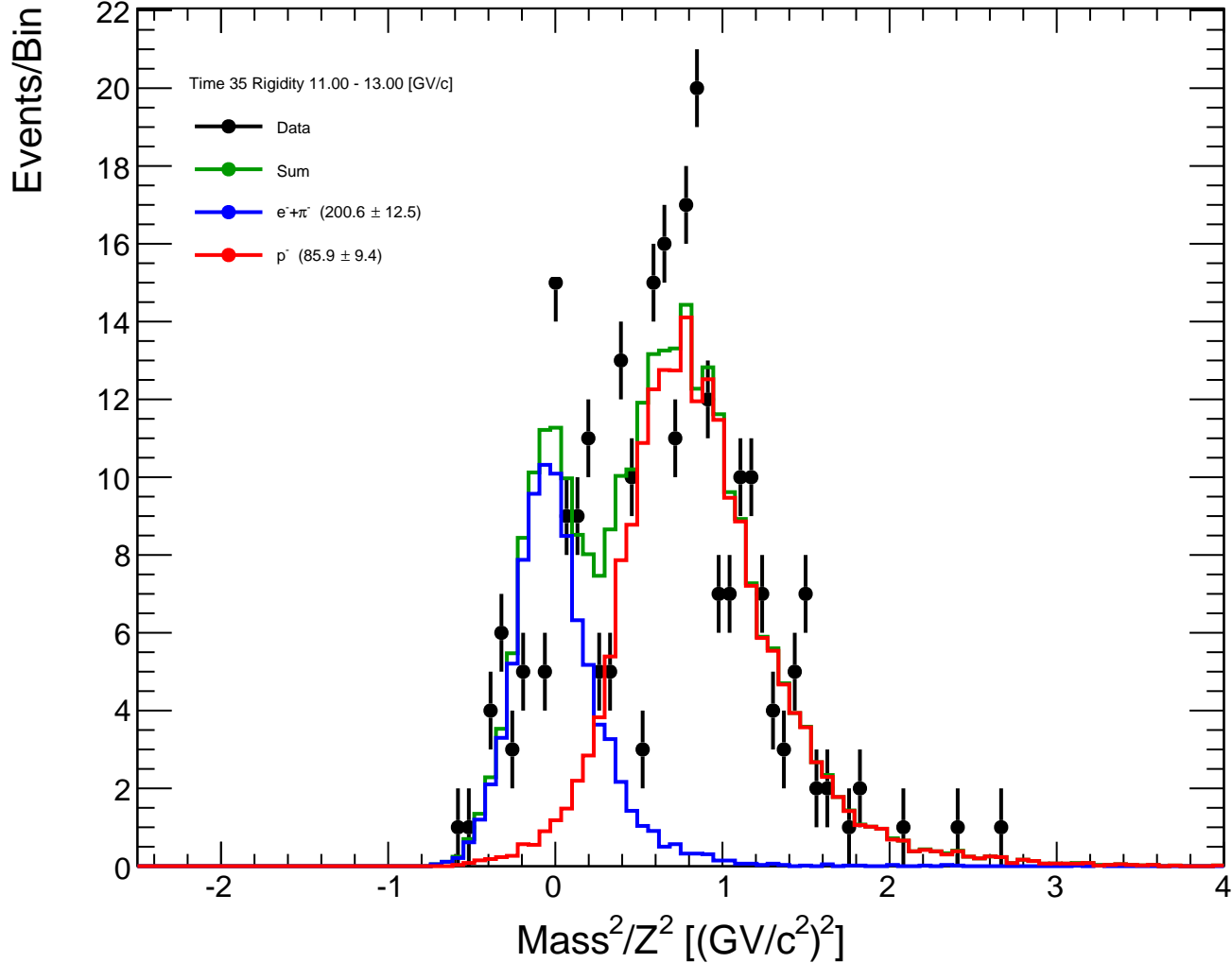
14

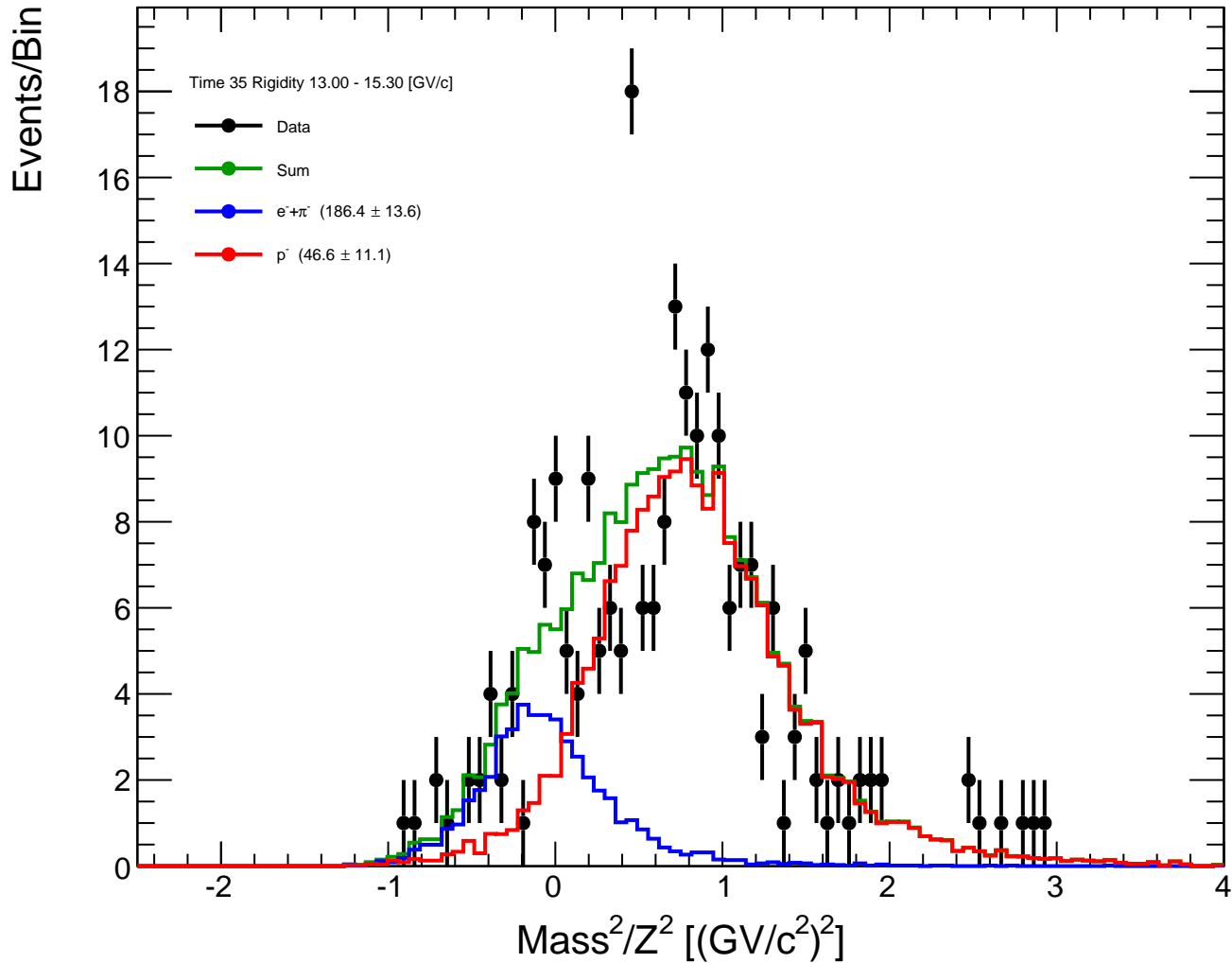
16



Events/Bin







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