BB E efficiency dependent on theta, phi, and $\left|q\right|$ cut

1. Theta

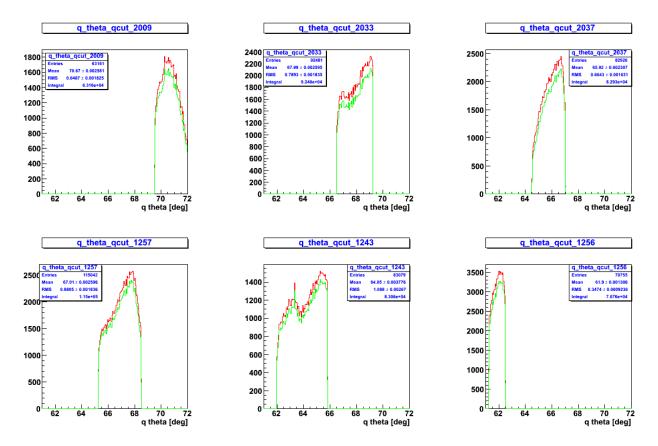
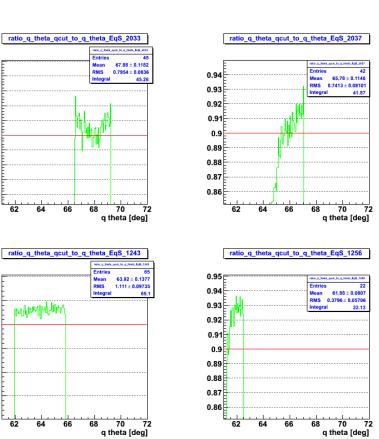
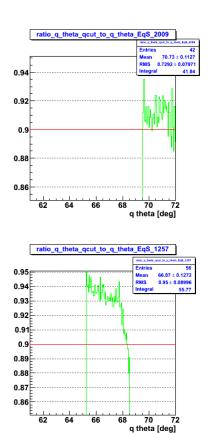


Figure 1.1: Red line---> Electron cut. Green line-->Passing E_q graphic cut





0.95

0.94

0.93

0.92

0.91

0.9

0.89

0.88

0.87

0.86 62

0.95

0.9

0.85

0.8

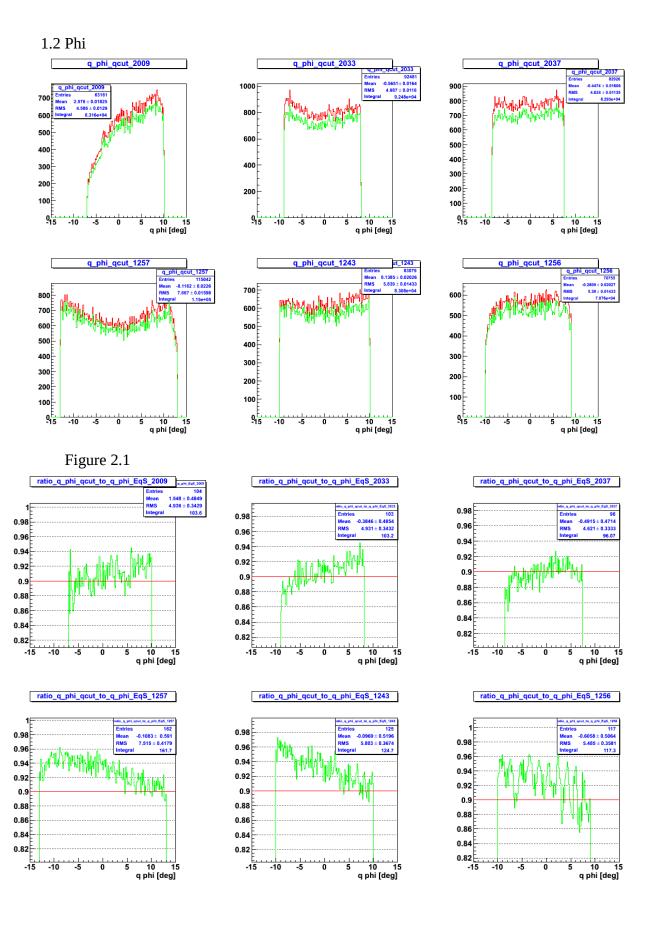
0.75

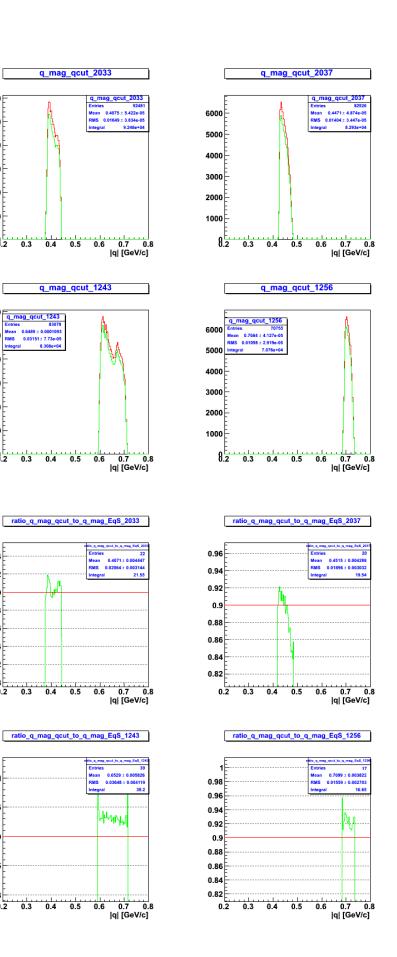
62

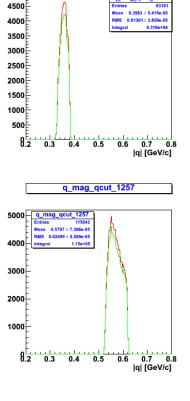
64

64

Figure 1.2: Ratio







q_mag_qcut_2009

4500

q_mag_qcut_20

6000 F

5000

4000

3000

2000

1000

3000

2500

2000

1500

1000

500

0.94

0.92

0.9

0.88

0.86

0.84

0.82

0.8

0.95

0.9

0.85

0.8

0.2

0.2

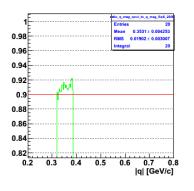
0.3

8.2

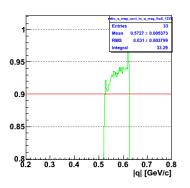
8.2

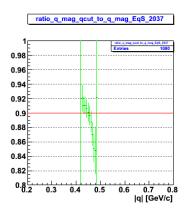
0.3

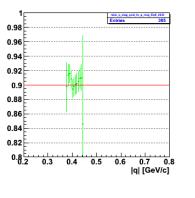


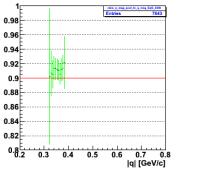






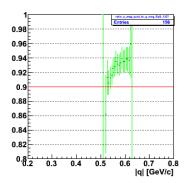




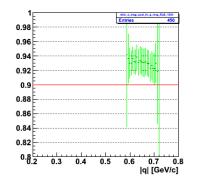


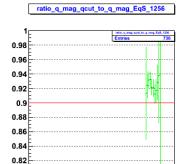
ratio_q_mag_qcut_to_q_mag_EqS_2009











0.3 0.4 0.5

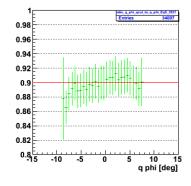
0.7 0.8 |q| [GeV/c]

0.6

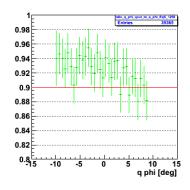
0.8



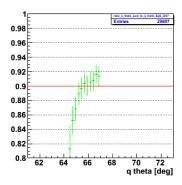




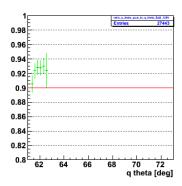


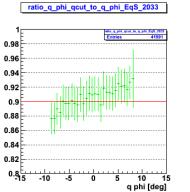


ratio_q_theta_qcut_to_q_theta_EqS_2037

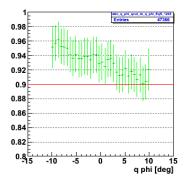




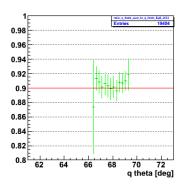












ratio_q_theta_qcut_to_q_theta_EqS_1243

