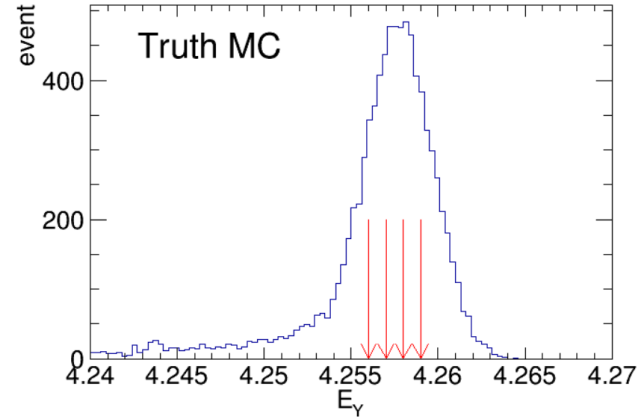
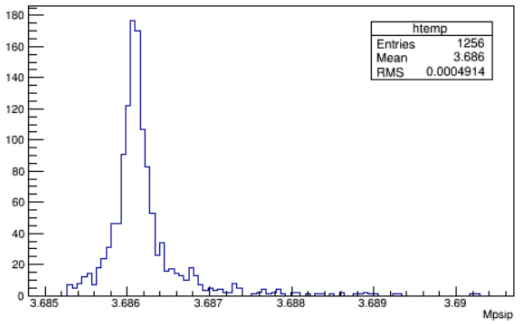
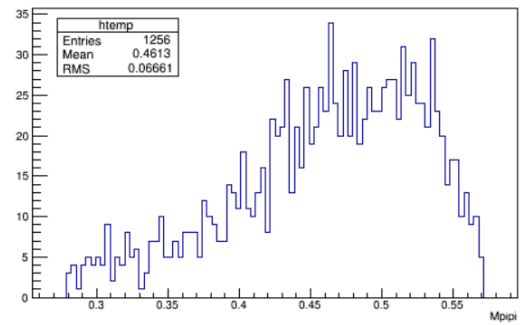
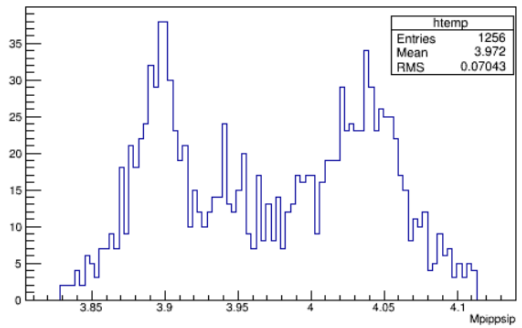
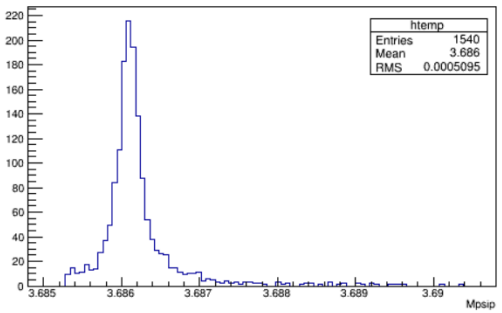
[4.256,4.257]
[4.257,4.258]
[4.258,4.259]

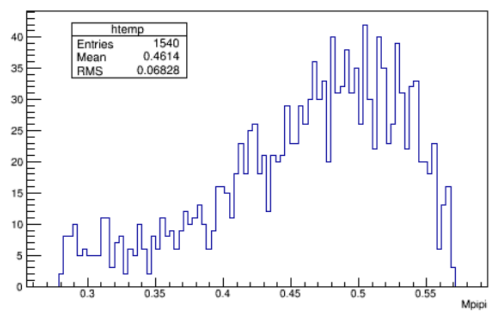


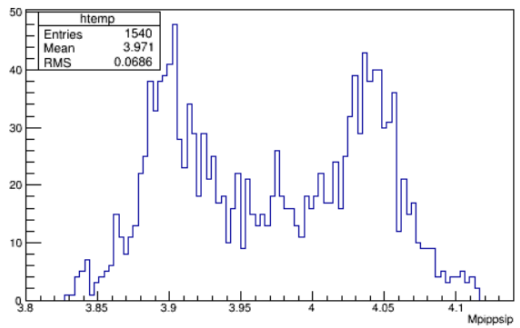


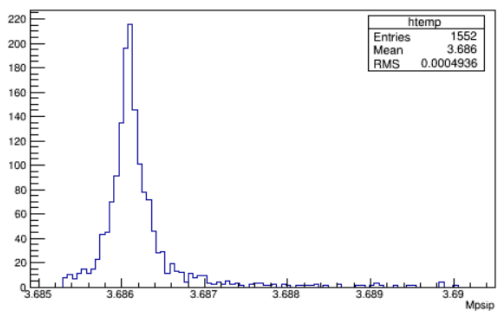


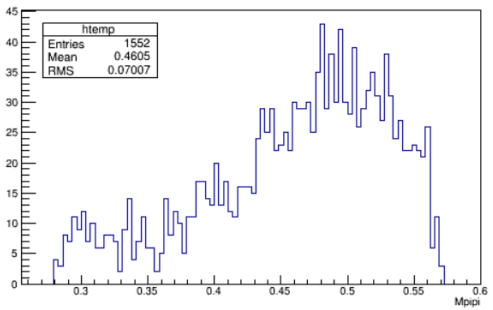


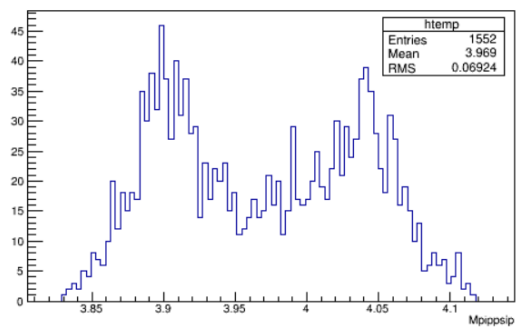




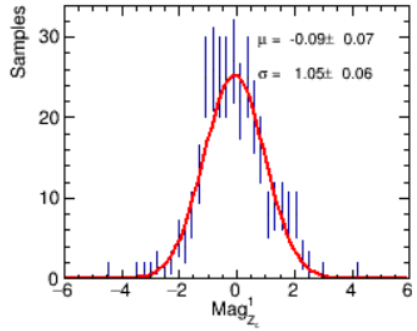


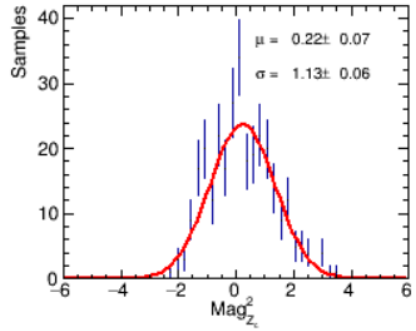


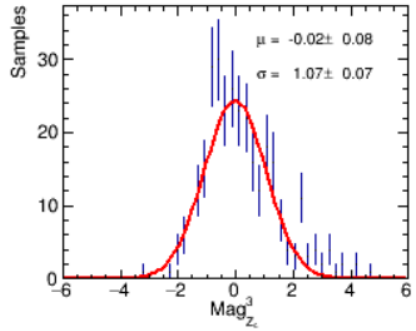


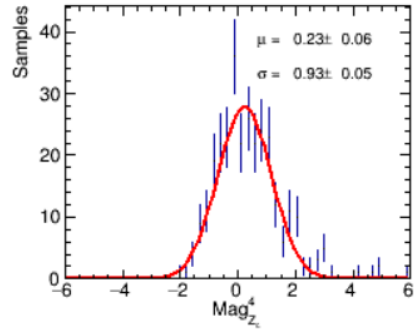


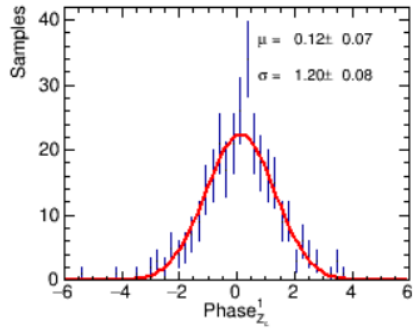
Ey ∈ [4.256,4.257]

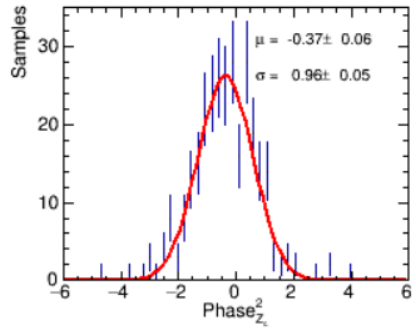

Samples
μ = -0.09± 0.07
σ = 1.05± 0.06
Mag$^1_{Z_c}$

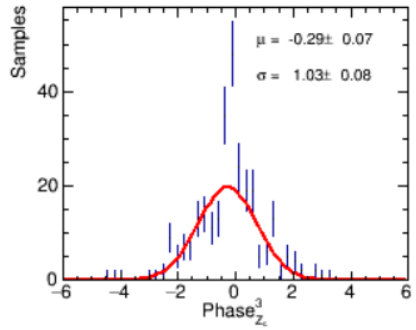

Samples
μ = 0.22± 0.07
σ = 1.13± 0.06
Mag$^2_{Z_c}$

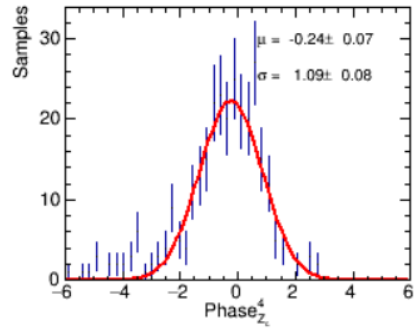

Samples
μ = -0.02± 0.08
σ = 1.07± 0.07
Mag$^3_{Z_c}$

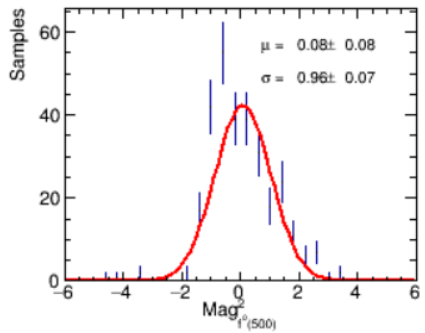

Samples
μ = 0.23± 0.06
σ = 0.93± 0.05
Mag$^4_{Z_c}$

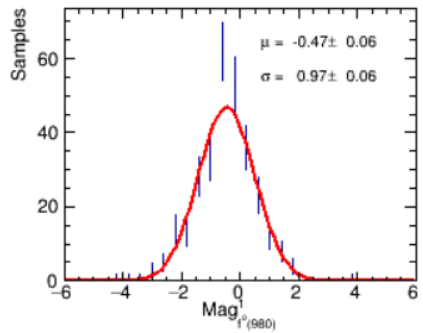

Samples
μ = 0.12± 0.07
σ = 1.20± 0.08
Phase$^1_{Z_c}$

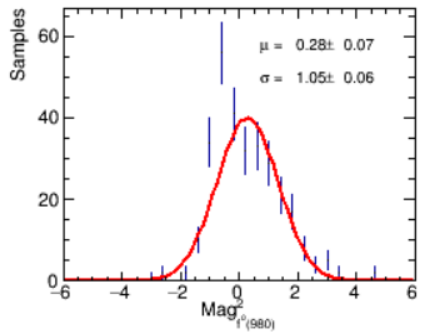

Samples
μ = -0.37± 0.06
σ = 0.96± 0.05
Phase$^2_{Z_c}$

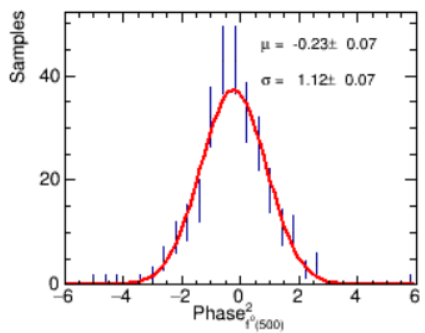

Samples
μ = -0.29± 0.07
σ = 1.03± 0.08
Phase$^3_{Z_c}$

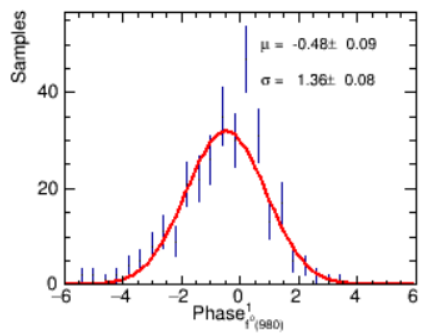

Samples
μ = -0.24± 0.07
σ = 1.09± 0.08
Phase$^4_{Z_c}$

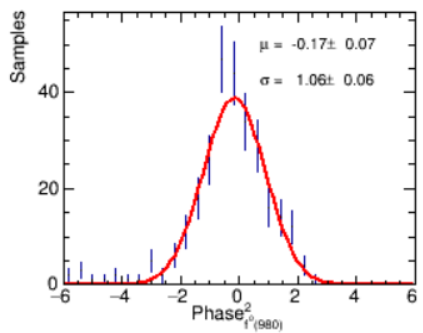

Samples
μ = 0.08± 0.08
σ = 0.96± 0.07
Mag$^2_{f^0(500)}$


Samples
μ = -0.47± 0.06
σ = 0.97± 0.06
Mag$^1_{f^0(980)}$

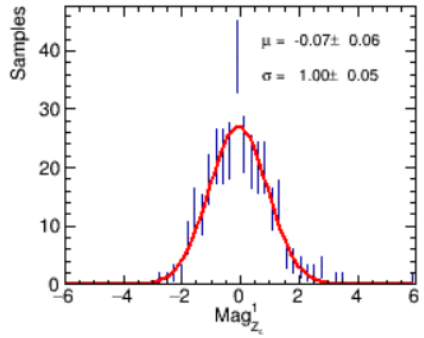

Samples
μ = 0.28± 0.07
σ = 1.05± 0.06
Mag$^2_{f^0(980)}$

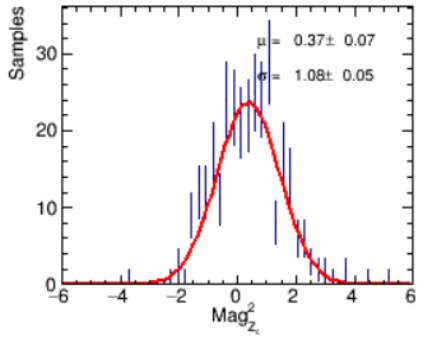

Samples
μ = -0.23± 0.07
σ = 1.12± 0.07
Phase$^2_{f^0(500)}$

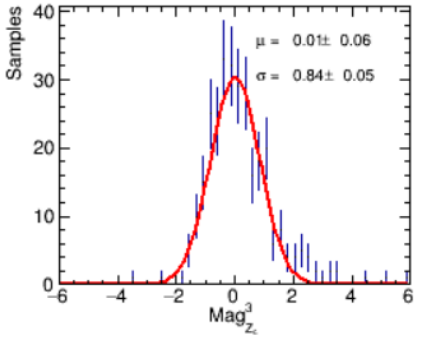

Samples
μ = -0.48± 0.09
σ = 1.36± 0.08
Phase$^1_{f^0(980)}$

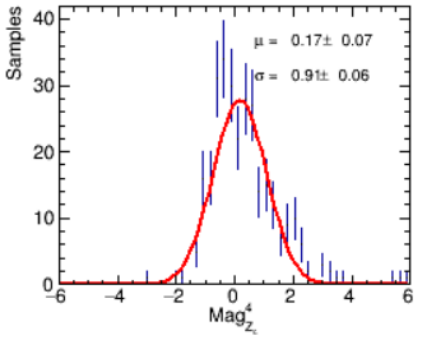

Samples
μ = -0.17± 0.07
σ = 1.06± 0.06
Phase$^2_{f^0(980)}$

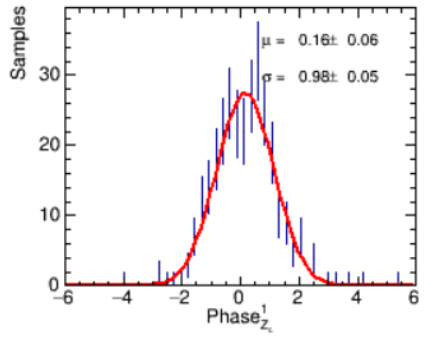
Ey ∈ [4.257,4.258]

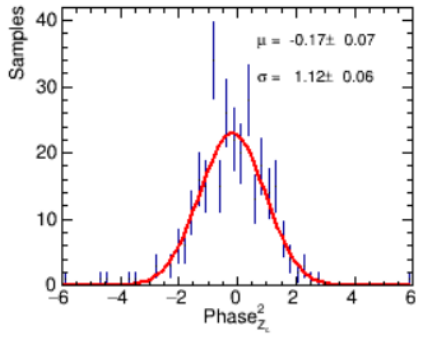

Samples
μ = -0.07± 0.06
σ = 1.00± 0.05
Mag$^1_{Z_c}$

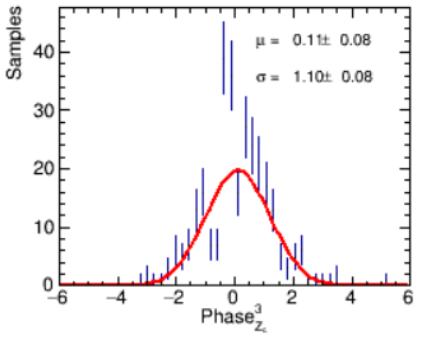

Samples
μ = 0.37± 0.07
σ = 1.08± 0.05
Mag$^2_{Z_c}$

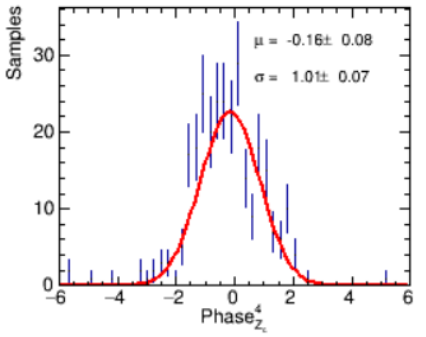

Samples
μ = 0.01± 0.06
σ = 0.84± 0.05
Mag$^3_{Z_c}$

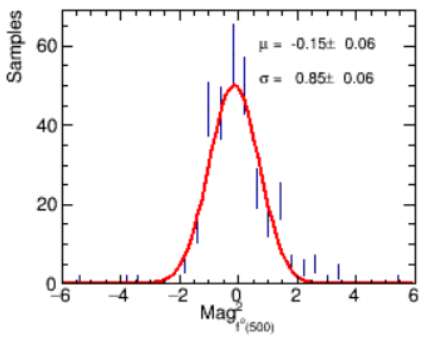

Samples
μ = 0.17± 0.07
σ = 0.91± 0.06
Mag$^4_{Z_c}$

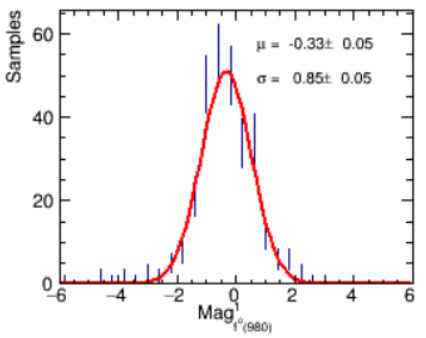

Samples
μ = 0.16± 0.06
σ = 0.98± 0.05
Phase$^1_{Z_c}$

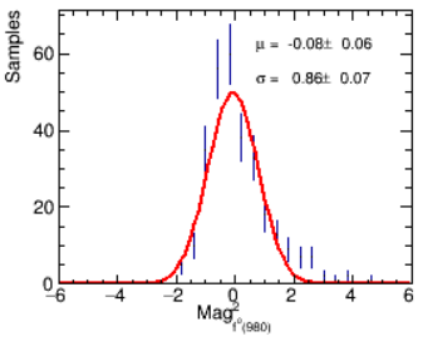

Samples
μ = -0.17± 0.07
σ = 1.12± 0.06
Phase$^2_{Z_c}$

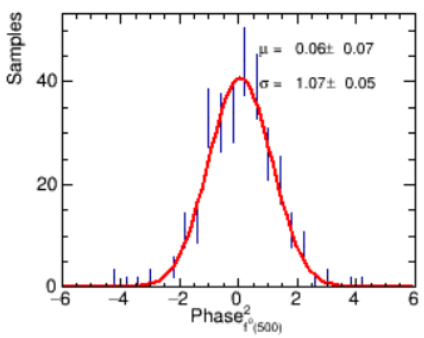

Samples
μ = 0.11± 0.08
σ = 1.10± 0.08
Phase$^3_{Z_c}$

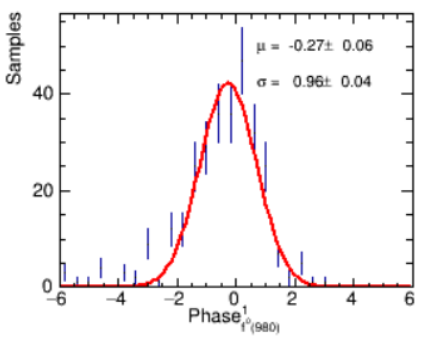

Samples
μ = -0.16± 0.08
σ = 1.01± 0.07
Phase$^4_{Z_c}$

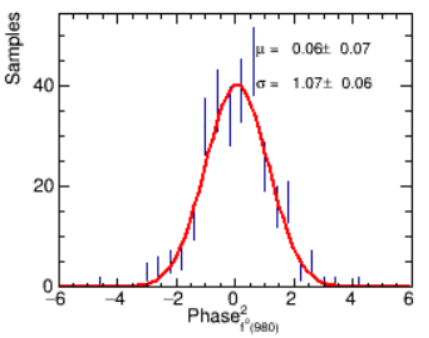

Samples
μ = -0.15± 0.06
σ = 0.85± 0.06
Mag$^2_{f^0(500)}$


Samples
μ = -0.33± 0.05
σ = 0.85± 0.05
Mag$^1_{f^0(980)}$

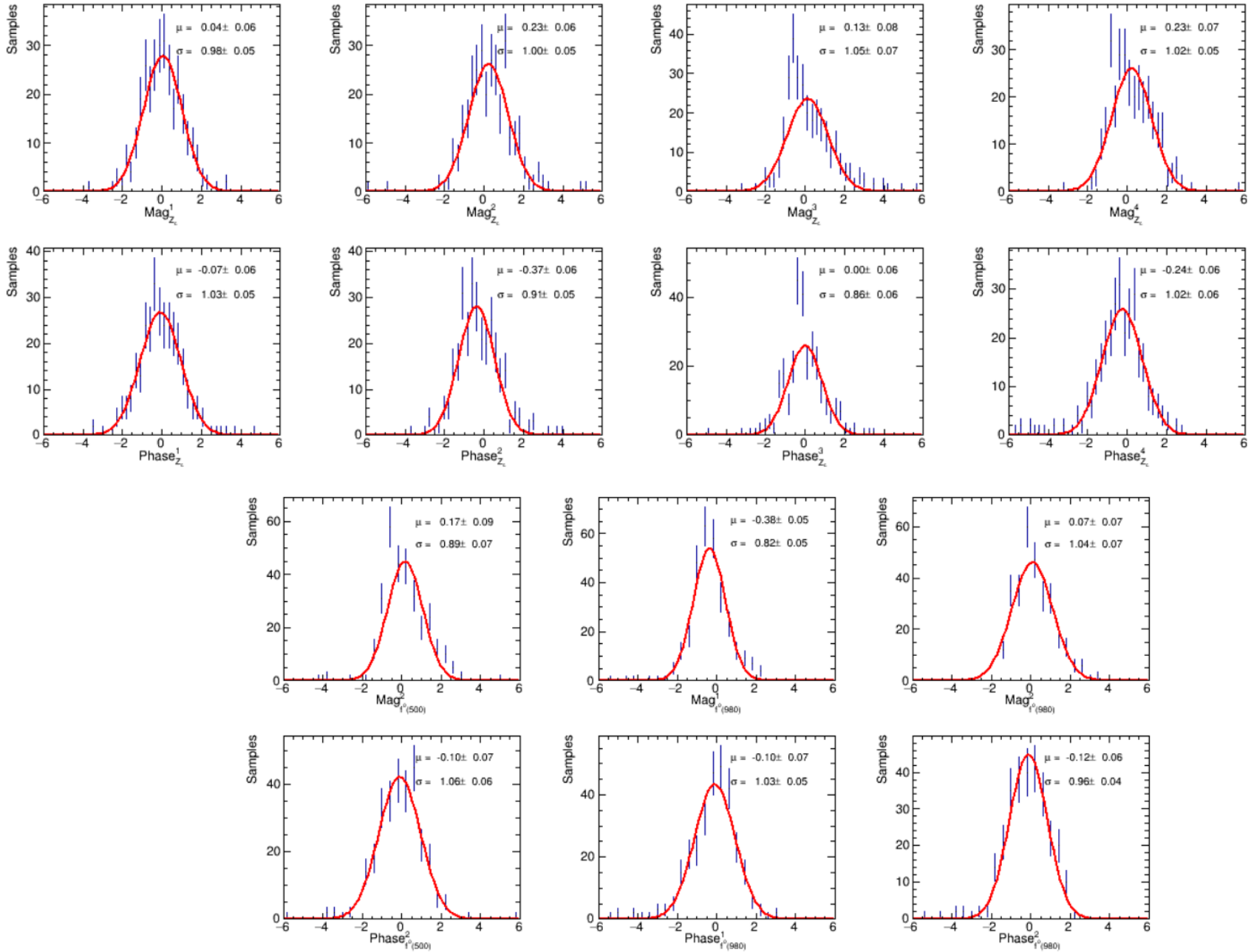

Samples
μ = -0.08± 0.06
σ = 0.86± 0.07
Mag$^2_{f^0(980)}$

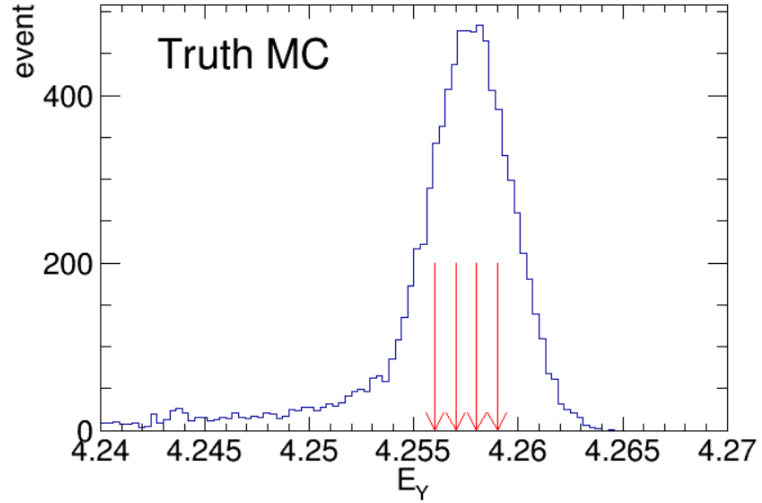

Samples
μ = 0.06± 0.07
σ = 1.07± 0.05
Phase$^2_{f^0(500)}$


Samples
μ = -0.27± 0.06
σ = 0.96± 0.04
Phase$^1_{f^0(980)}$


Samples
μ = 0.06± 0.07
σ = 1.07± 0.06
Phase$^2_{f^0(980)}$

Ey ∈ [4.258,4.259]

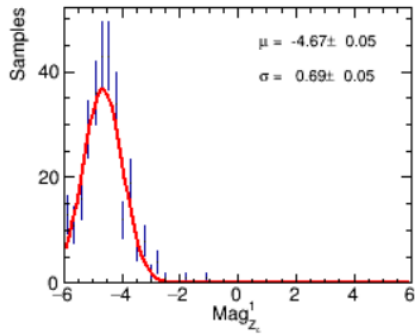

Samples
μ = 0.04± 0.06
σ = 0.98± 0.05
Mag$^1_{Z_c}$
μ = 0.23± 0.06
σ = 1.00± 0.05
Mag$^2_{Z_c}$
μ = 0.13± 0.08
σ = 1.05± 0.07
Mag$^3_{Z_c}$
μ = 0.23± 0.07
σ = 1.02± 0.05
Mag$^4_{Z_c}$
μ = -0.07± 0.06
σ = 1.03± 0.05
Phase$^1_{Z_c}$
μ = -0.37± 0.06
σ = 0.91± 0.05
Phase$^2_{Z_c}$
μ = 0.00± 0.06
σ = 0.86± 0.06
Phase$^3_{Z_c}$
μ = -0.24± 0.06
σ = 1.02± 0.06
Phase$^4_{Z_c}$
μ = 0.17± 0.09
σ = 0.89± 0.07
Mag$^1_{f^0(500)}$
μ = -0.38± 0.05
σ = 0.82± 0.05
Mag$^1_{f^0(980)}$
μ = 0.07± 0.07
σ = 1.04± 0.07
Mag$^2_{f^0(980)}$
μ = -0.10± 0.07
σ = 1.06± 0.06
Phase$^2_{f^0(500)}$
μ = -0.10± 0.07
σ = 1.03± 0.05
Phase$^1_{f^0(980)}$
μ = -0.12± 0.06
σ = 0.96± 0.04
Phase$^2_{f^0(980)}$

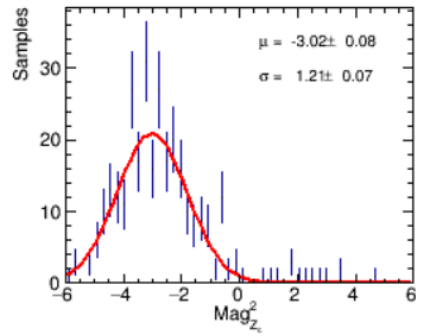


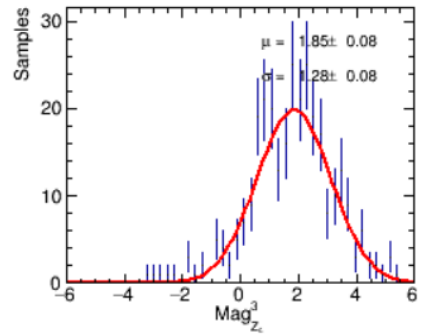
$$\sigma_{MC} = \frac{1}{N_{MC}} \sum_{i=1}^{N_{MC}} \left(\frac{d\sigma}{d\Phi_n} \right)_i$$

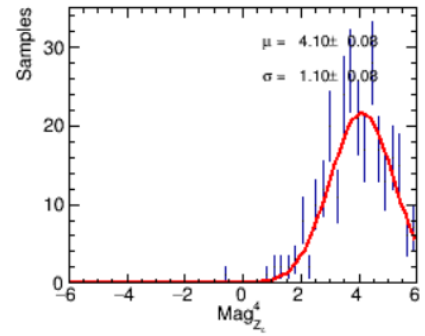
$$\mathcal{L}(\xi_1, \xi_2, \ldots) = \prod_i^N P(\xi_i) = \prod_i^N \frac{\omega(\xi_i)\,\varepsilon(\xi_i)}{\sigma_{MC}}.$$

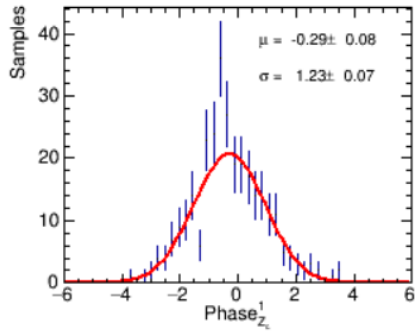
- The phsp of different Ey range is differnet
- The corresponding σ_{MC} is differnet

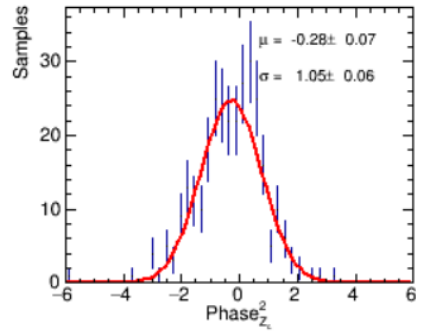

Samples
μ = -4.67± 0.05
σ = 0.69± 0.05
Mag$^1_{Z_c}$

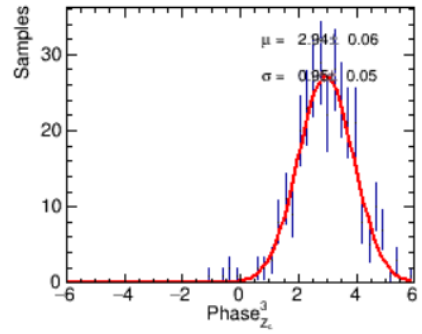

Samples
μ = -3.02± 0.08
σ = 1.21± 0.07
Mag$^2_{Z_c}$

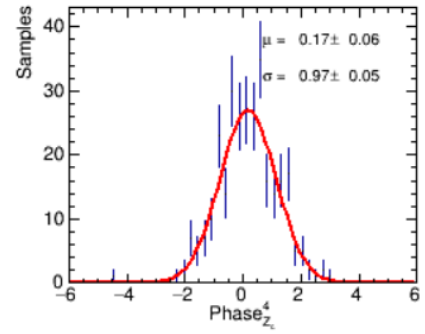

Samples
μ = 1.85± 0.08
σ = 1.28± 0.08
Mag$^3_{Z_c}$

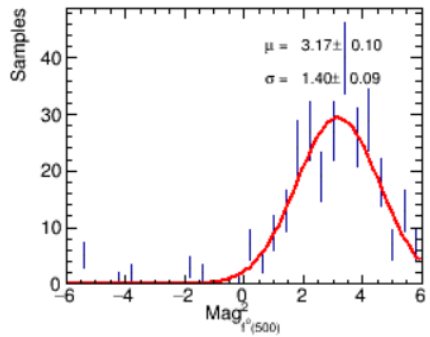

Samples
μ = 4.10± 0.08
σ = 1.10± 0.08
Mag$^4_{Z_c}$

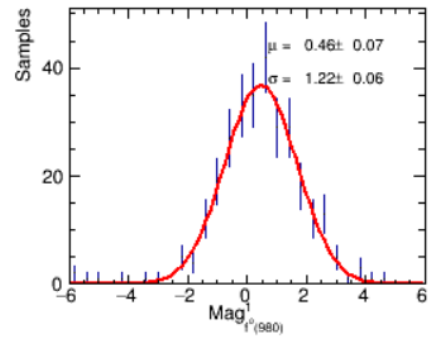

Samples
μ = -0.29± 0.08
σ = 1.23± 0.07
Phase$^1_{Z_c}$

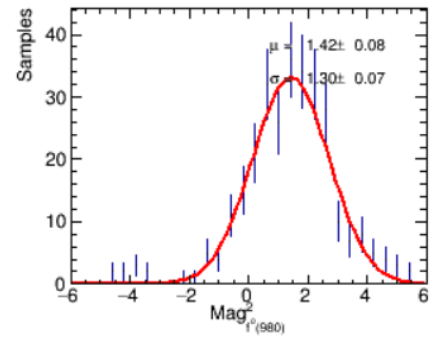

Samples
μ = -0.28± 0.07
σ = 1.05± 0.06
Phase$^2_{Z_c}$

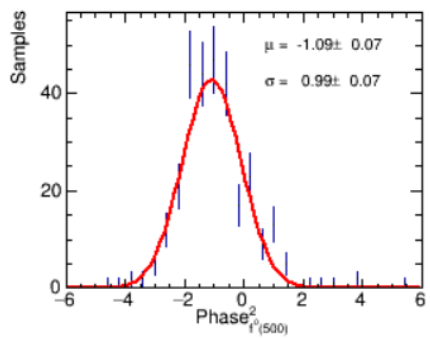

Samples
μ = 2.94± 0.06
σ = 0.95± 0.05
Phase$^3_{Z_c}$

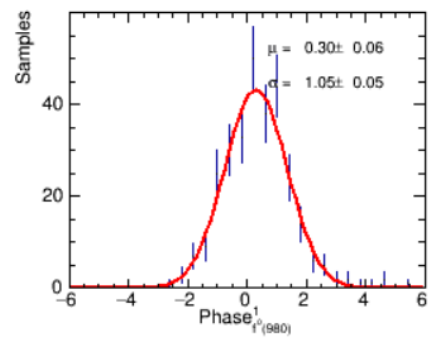

Samples
μ = 0.17± 0.06
σ = 0.97± 0.05
Phase$^4_{Z_c}$

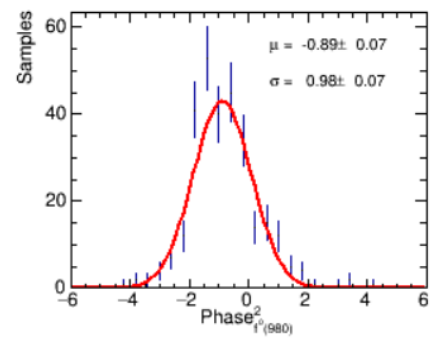

Samples
μ = 3.17± 0.10
σ = 1.40± 0.09
Mag$^2_{f^0(500)}$


Samples
μ = 0.46± 0.07
σ = 1.22± 0.06
Mag$^1_{f^0(980)}$


Samples
μ = 1.42± 0.08
σ = 1.30± 0.07
Mag$^2_{f^0(980)}$


Samples
μ = -1.09± 0.07
σ = 0.99± 0.07
Phase$^2_{f^0(500)}$


Samples
μ = 0.30± 0.06
σ = 1.05± 0.05
Phase$^1_{f^0(980)}$


Samples
μ = -0.89± 0.07
σ = 0.98± 0.07
Phase$^2_{f^0(980)}$