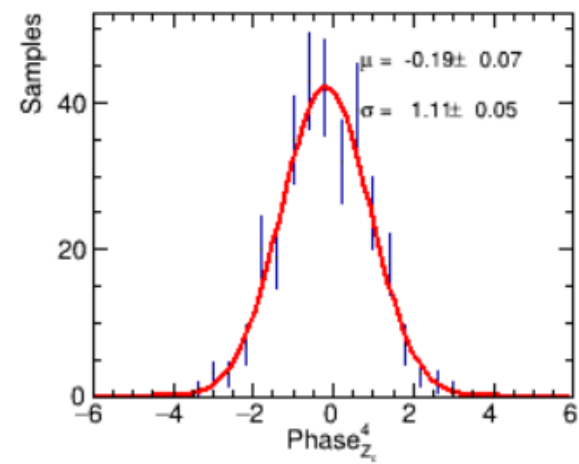
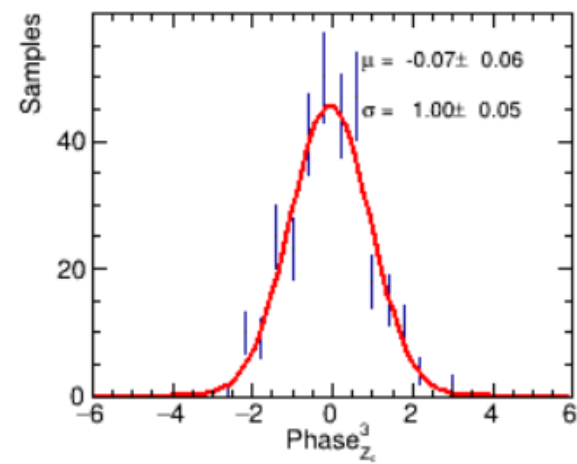
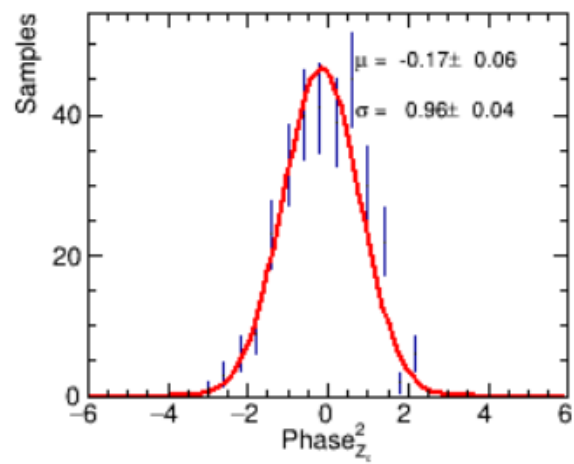
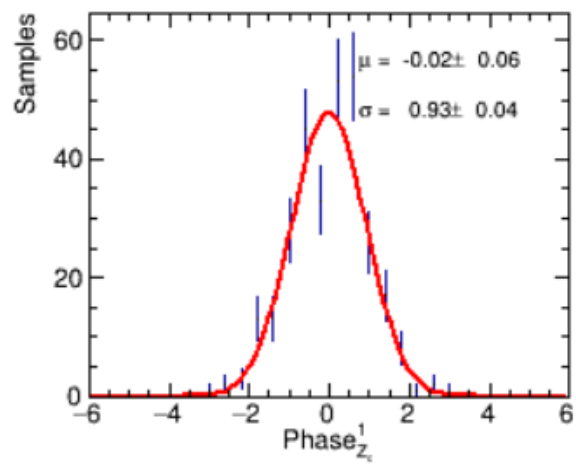
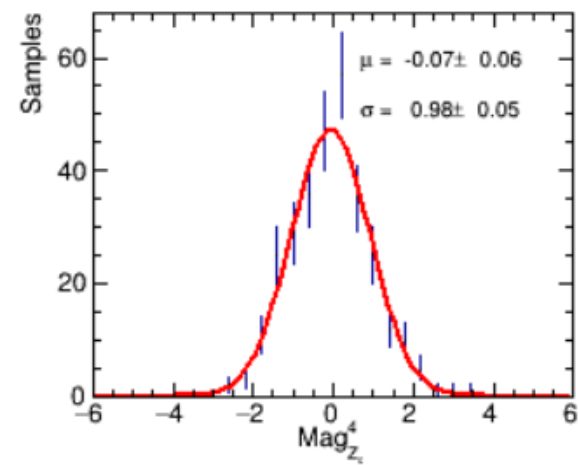
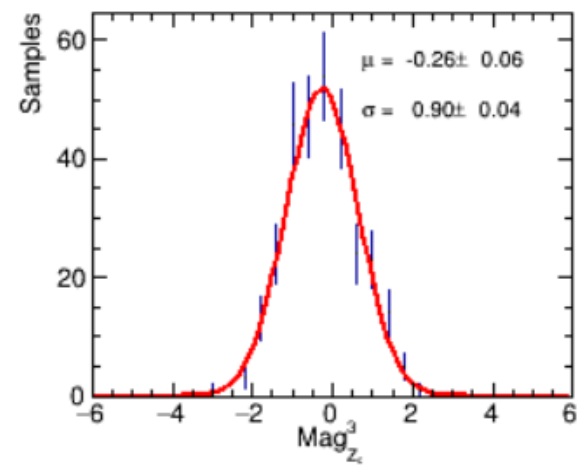
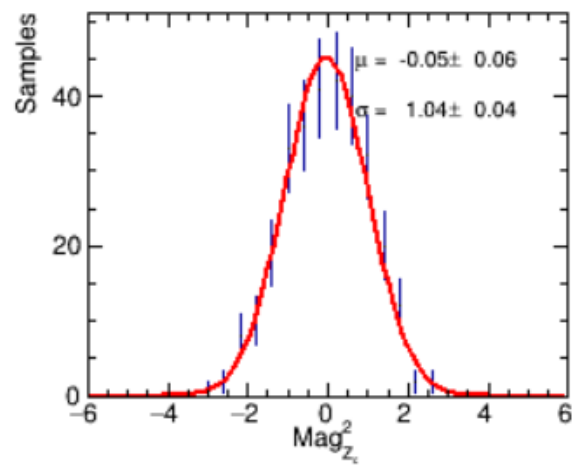
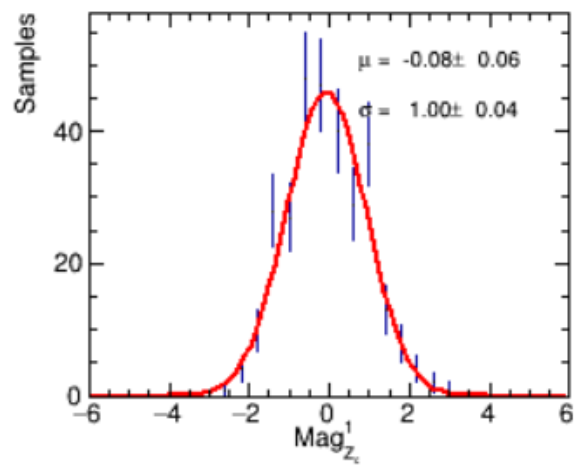
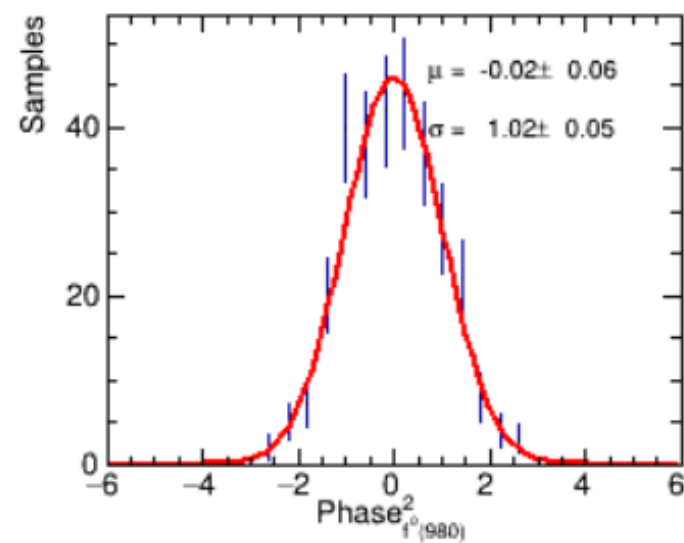
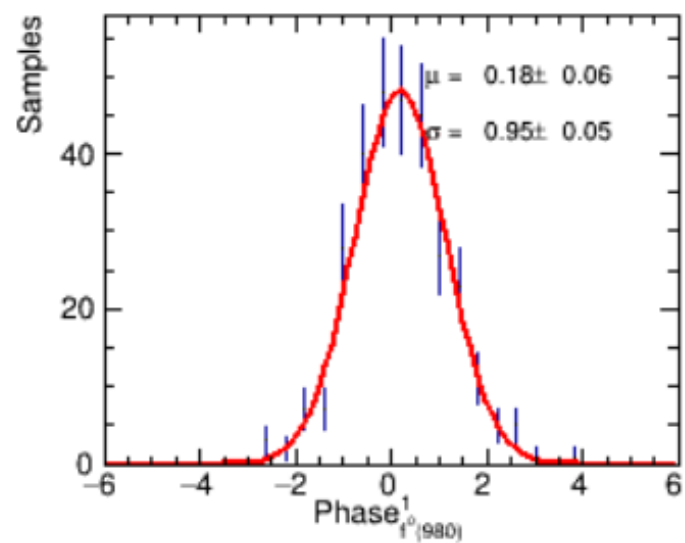
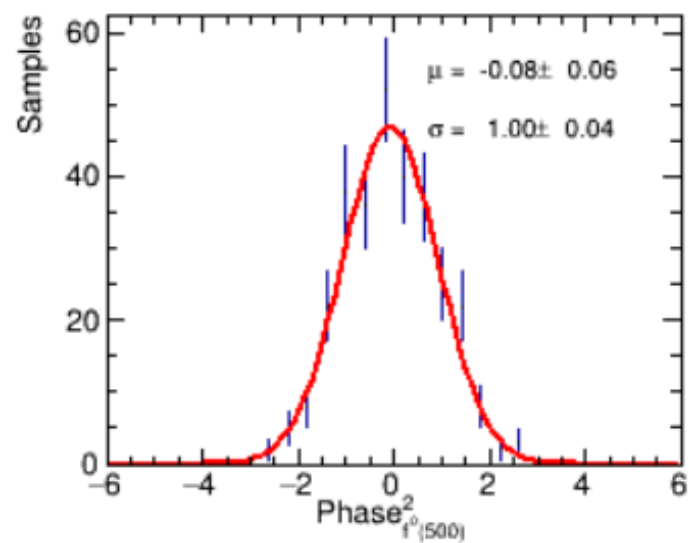
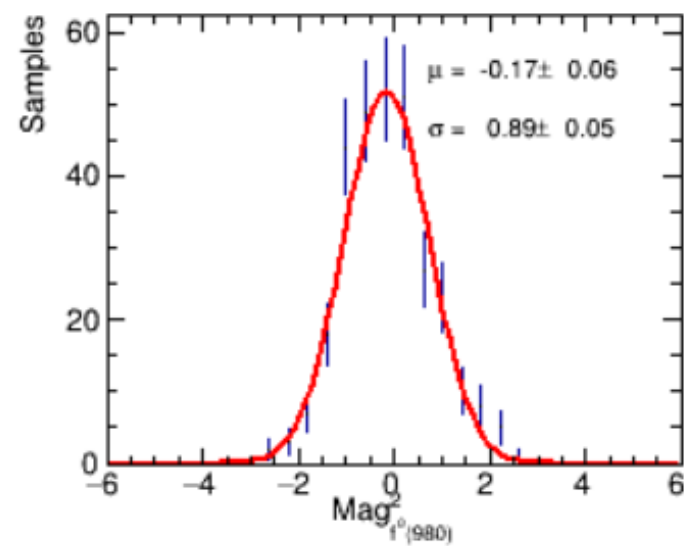
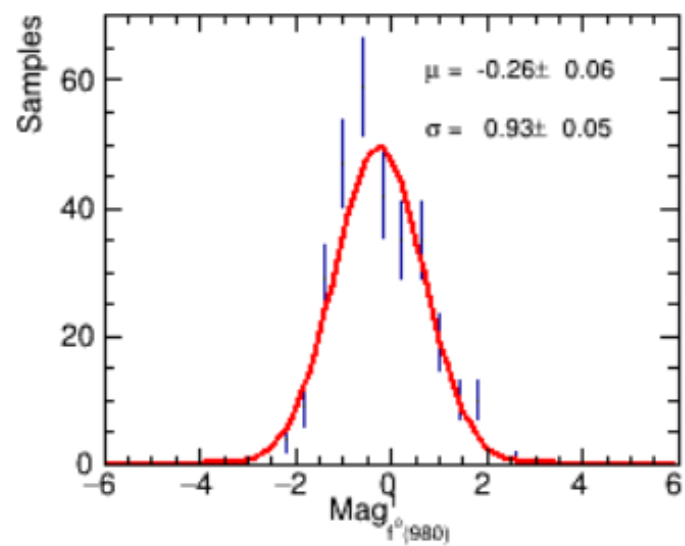
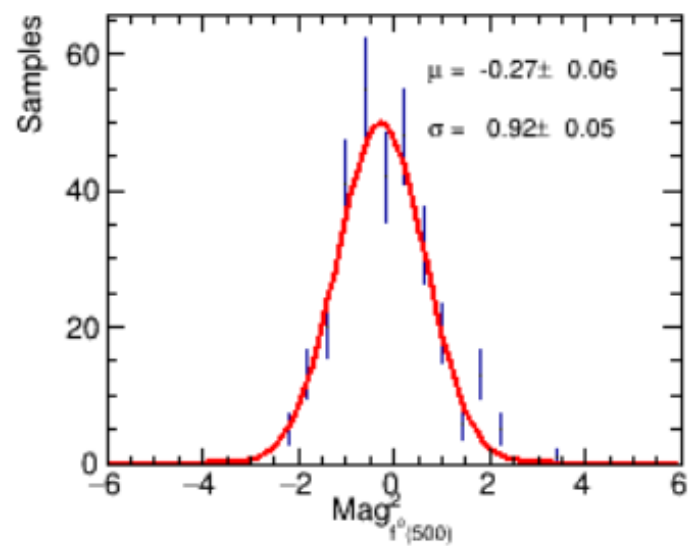
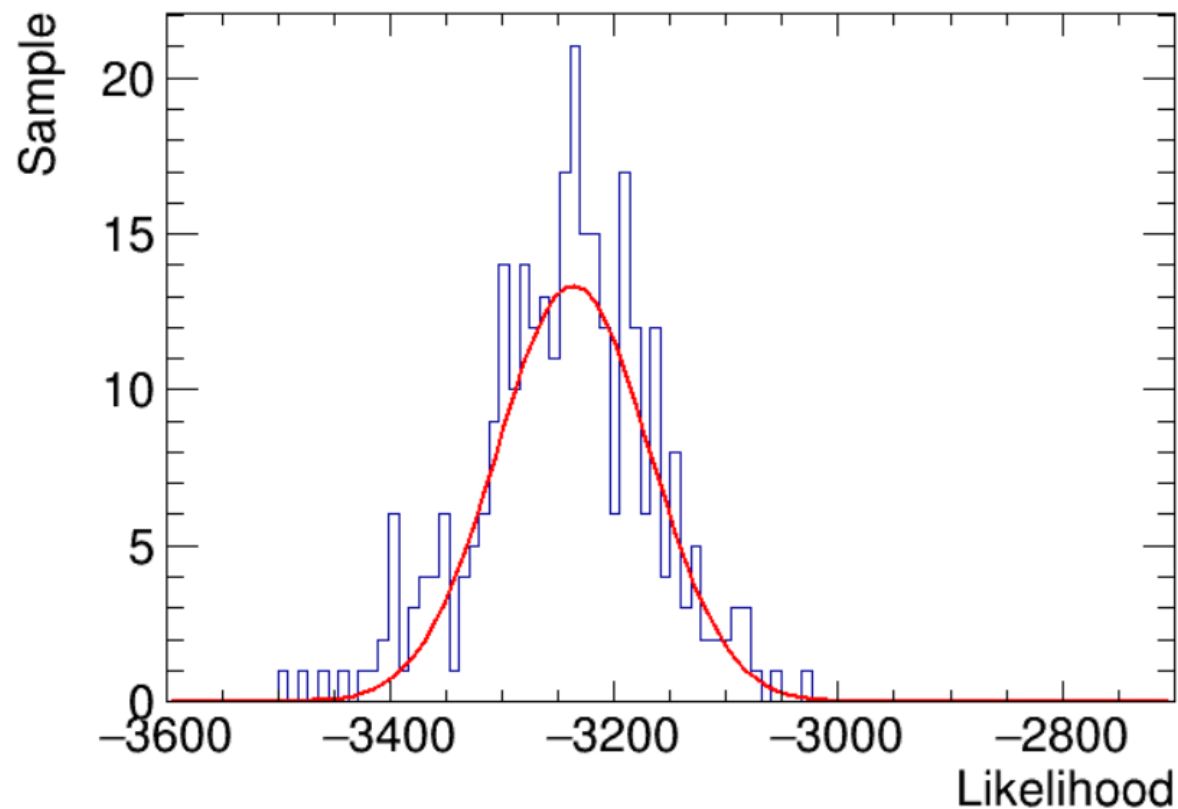








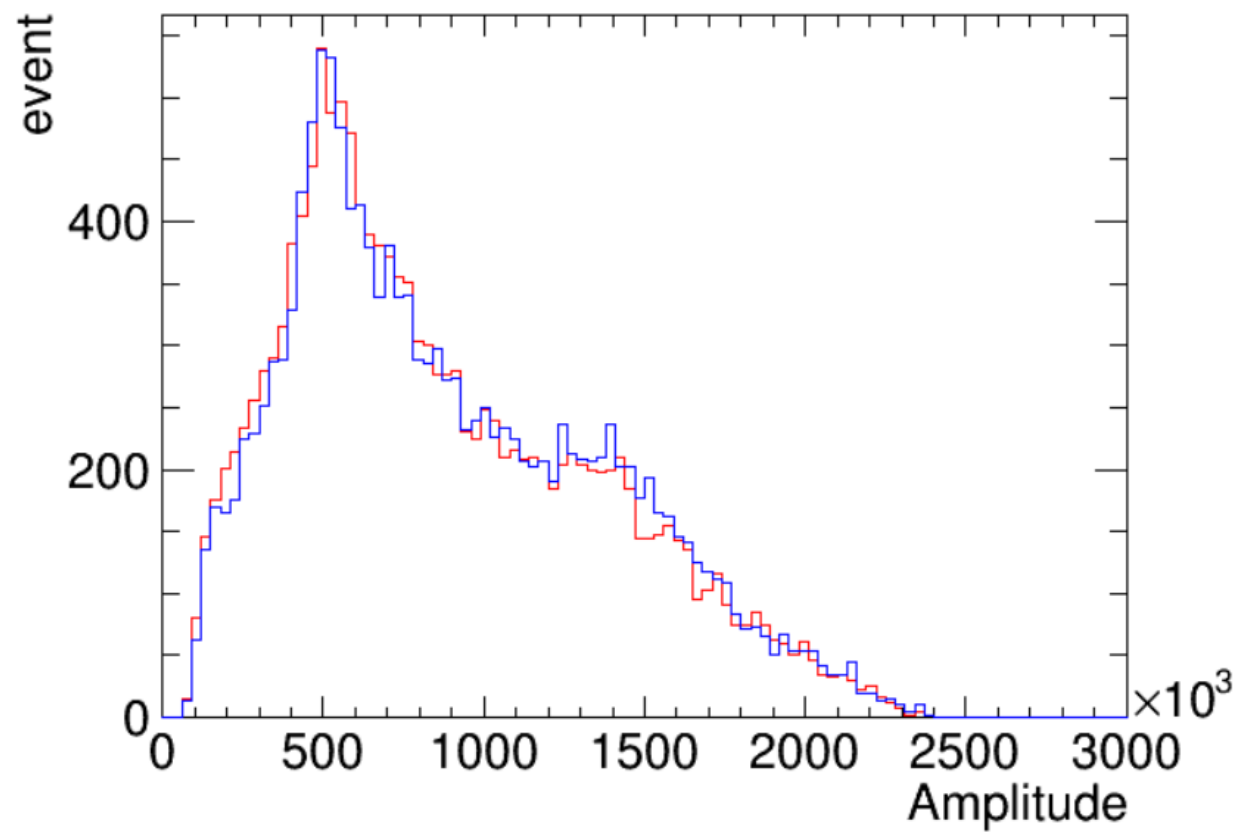
The likelihood distribution when all parameters fixed

The min one: -3025

The max one: -3498

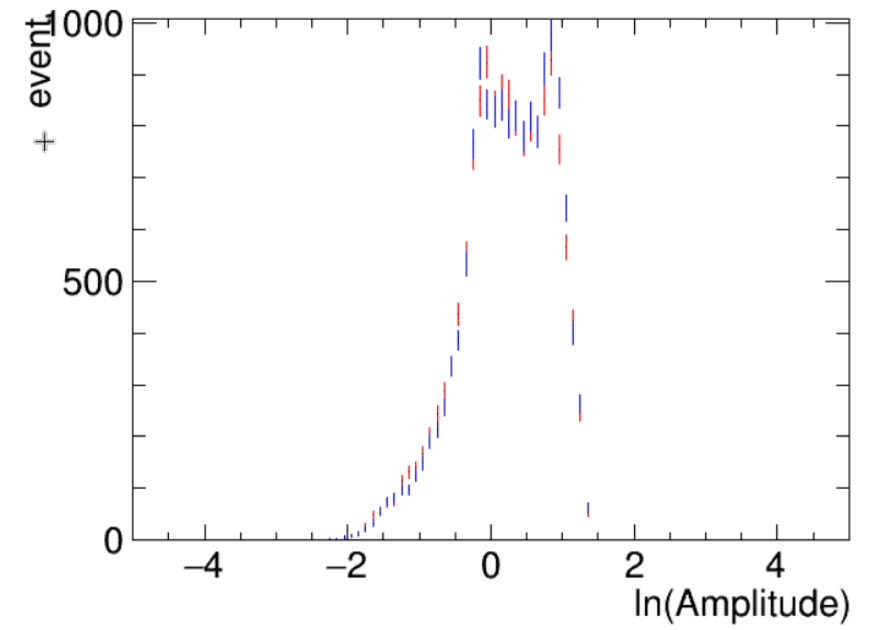
```
FCN=47.703 FROM MIGRAD    STATUS=CONVERGED    72 CALLS    73 TOTAL
                        EDM=2.37995e-09    STRATEGY= 1    ERROR MATRIX ACCURATE

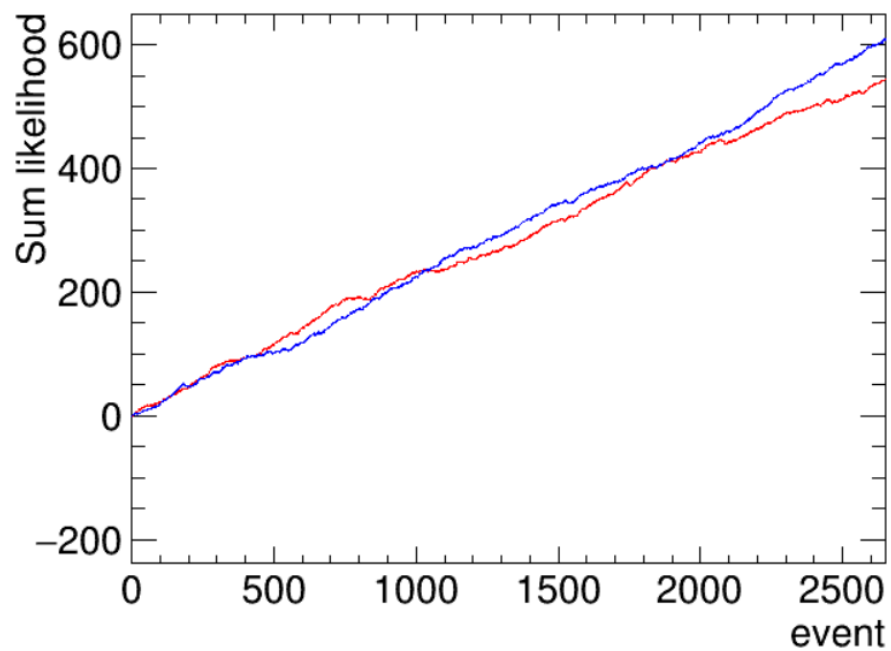
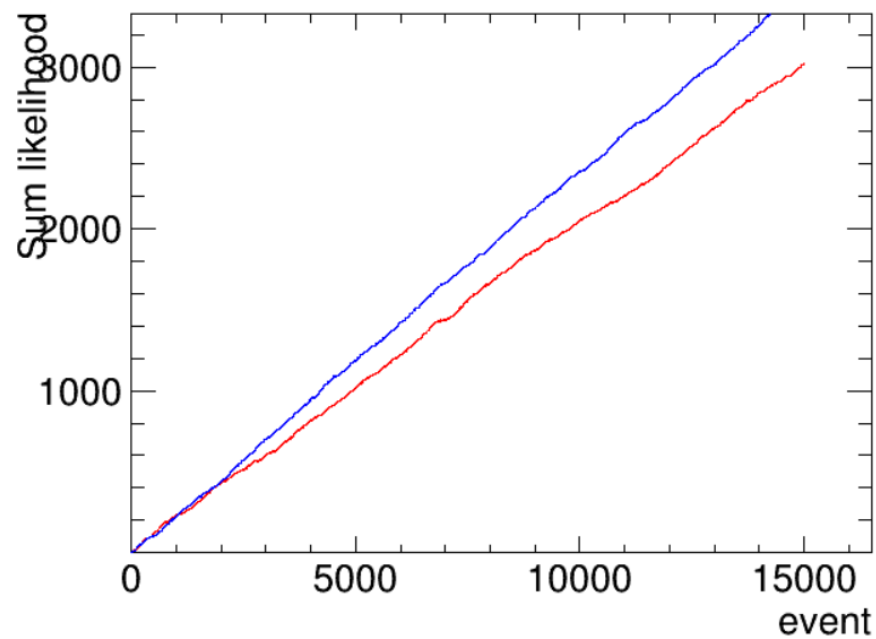
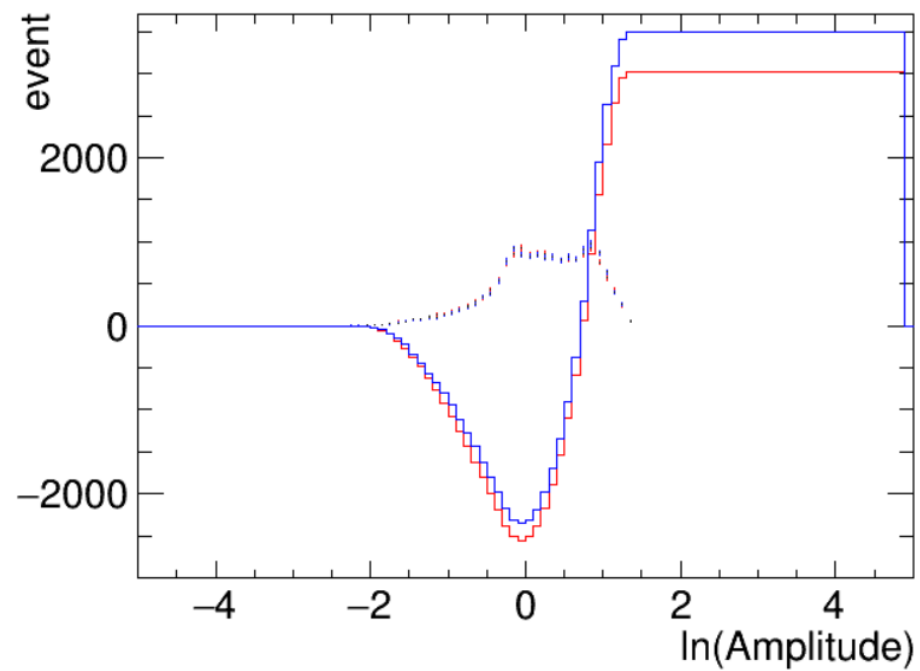
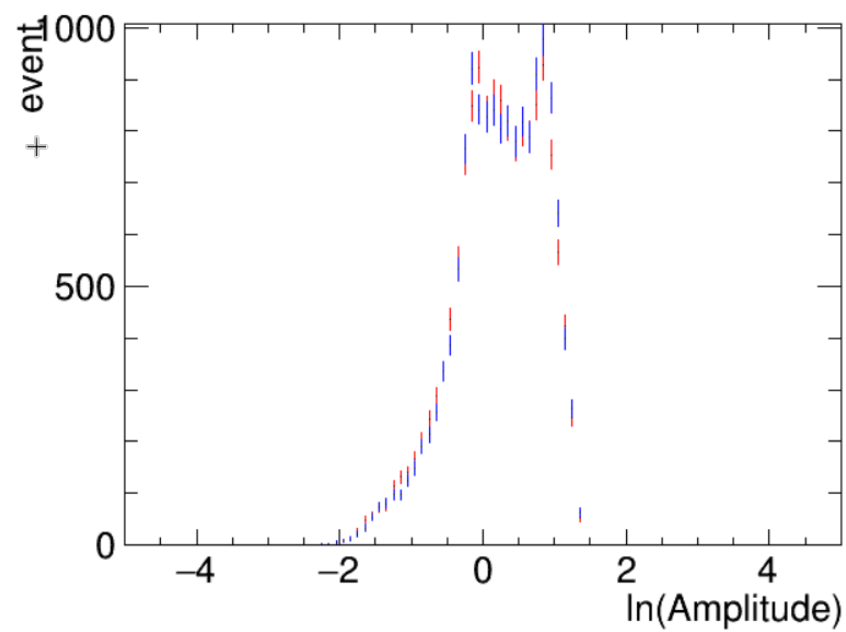
EXT  PARAMETER
NO.  NAME      VALUE      ERROR      STEP      FIRST
 1   Constant  1.33538e+01  1.22686e+00  2.87075e-03  -7.27831e-05
 2   Mean     -3.23689e+03  4.40149e+00  1.49629e-02   8.45942e-07
 3   Sigma     6.79872e+01  4.75988e+00  5.07373e-05  -4.45002e-03
```



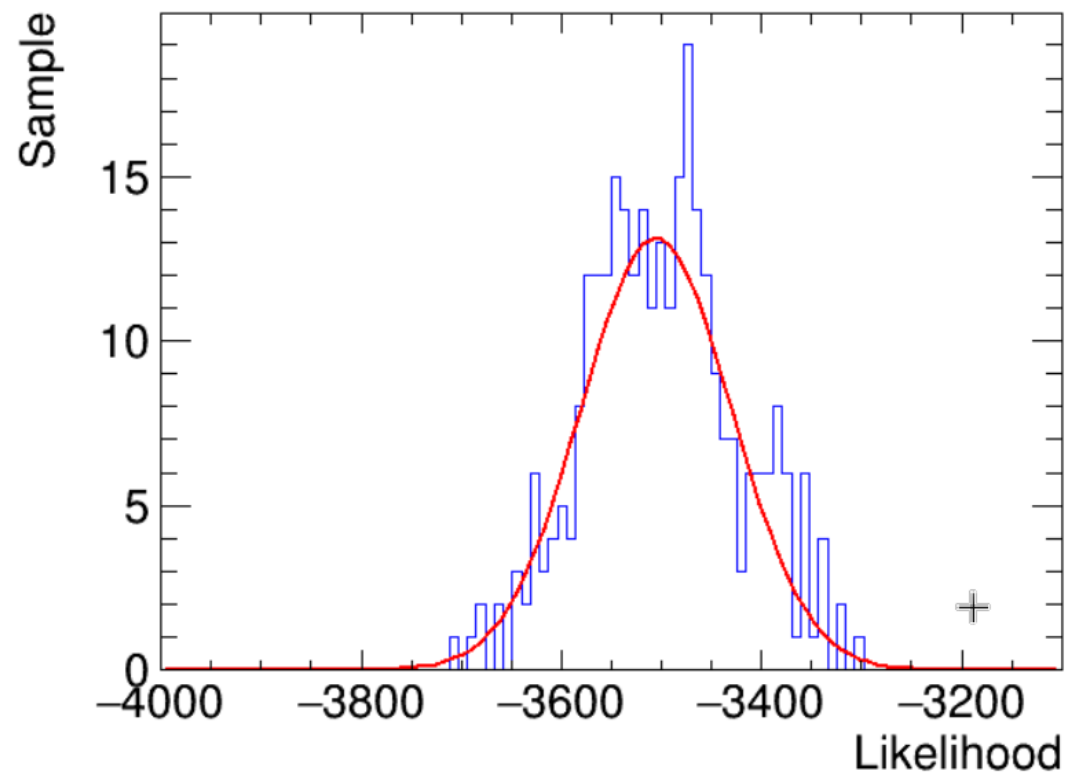
The red one: -3025

The blue one: -3498





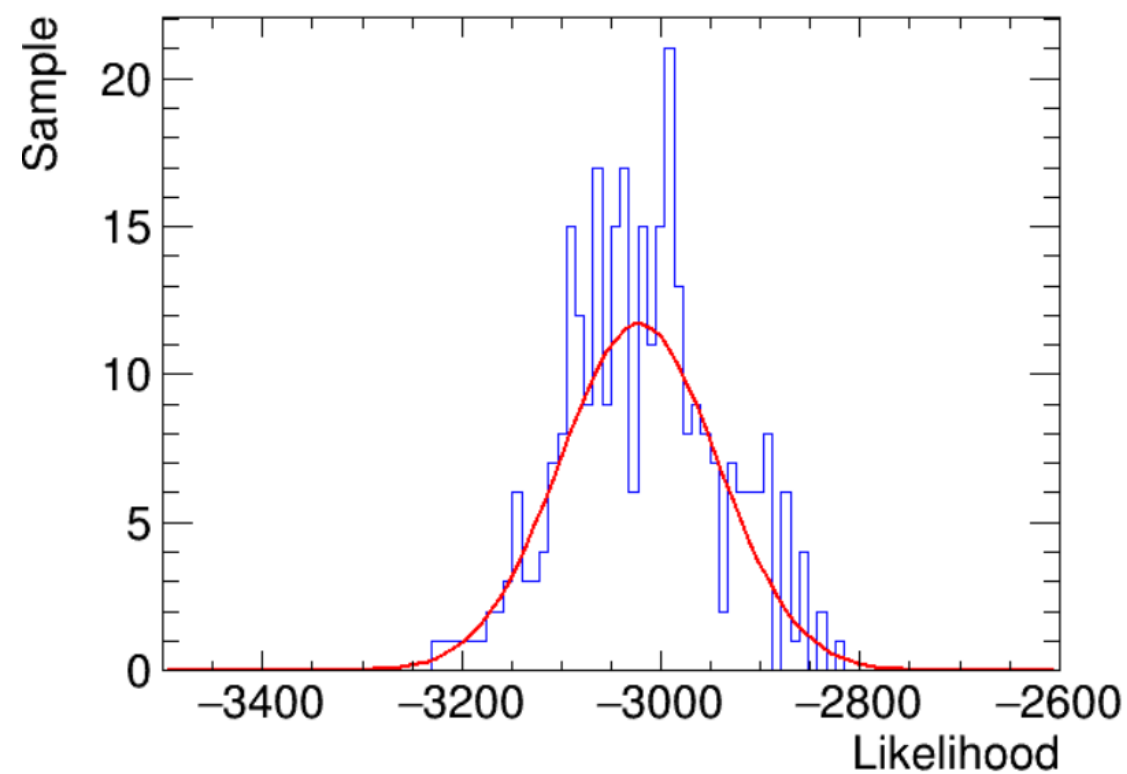
The max one: -3498



EXT PARAMETER

NO.	NAME	VALUE	ERROR
1	Constant	1.31375e+01	1.11350e+00
2	Mean	-3.50537e+03	4.89035e+00
3	Sigma	7.50796e+01	5.01724e+00

The min one: -3025

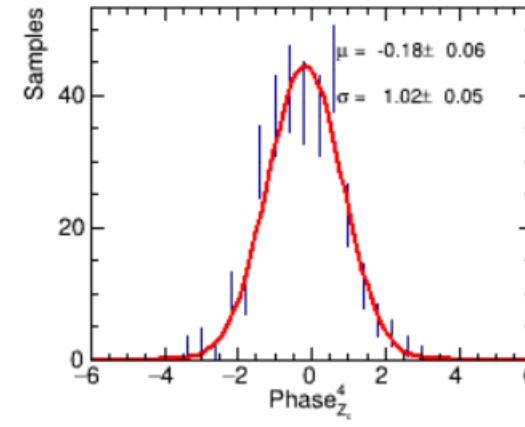
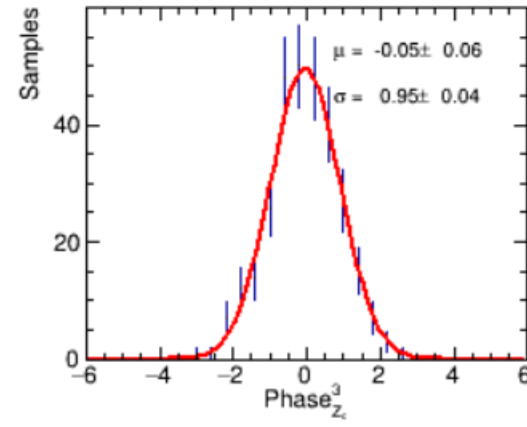
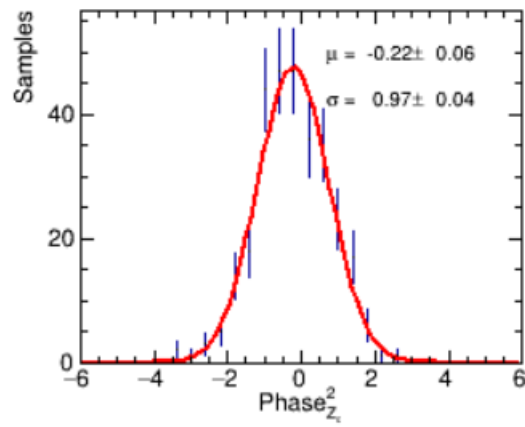
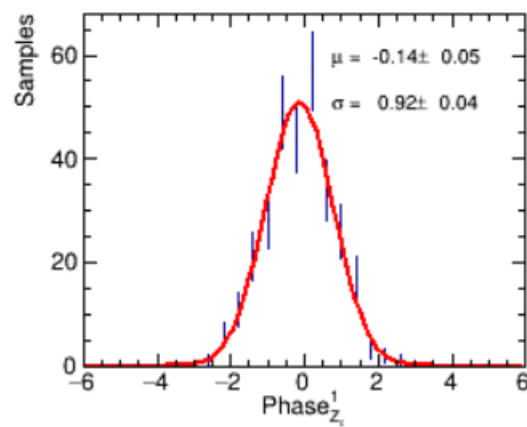
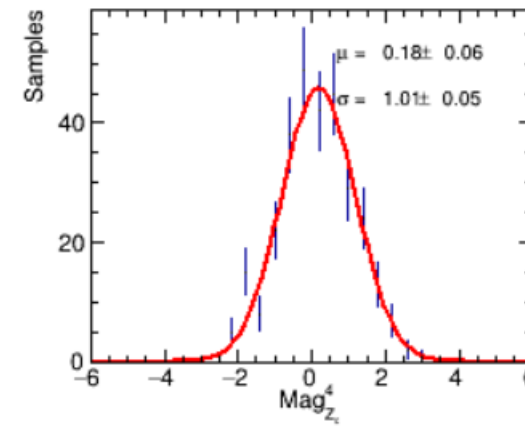
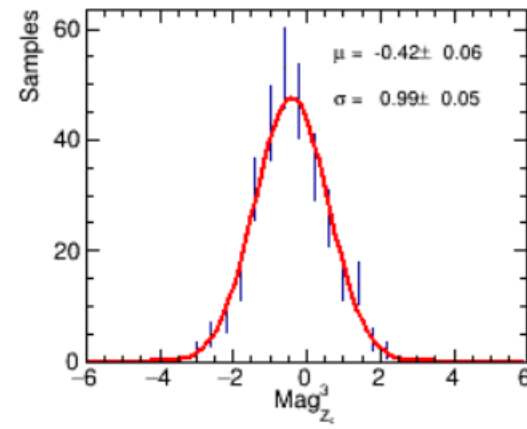
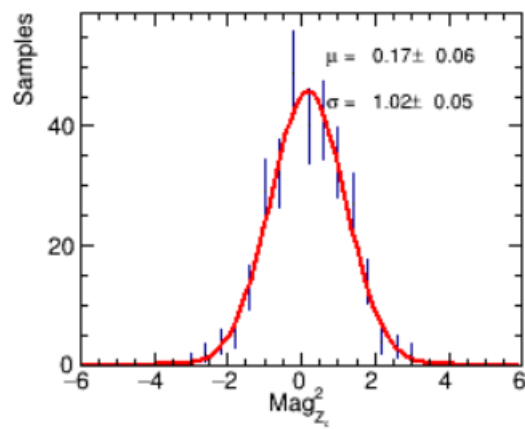
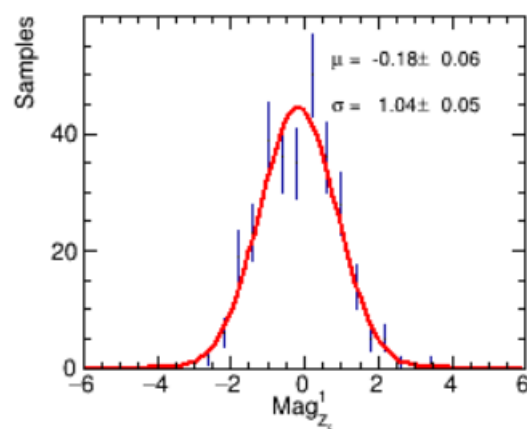


EXT PARAMETER

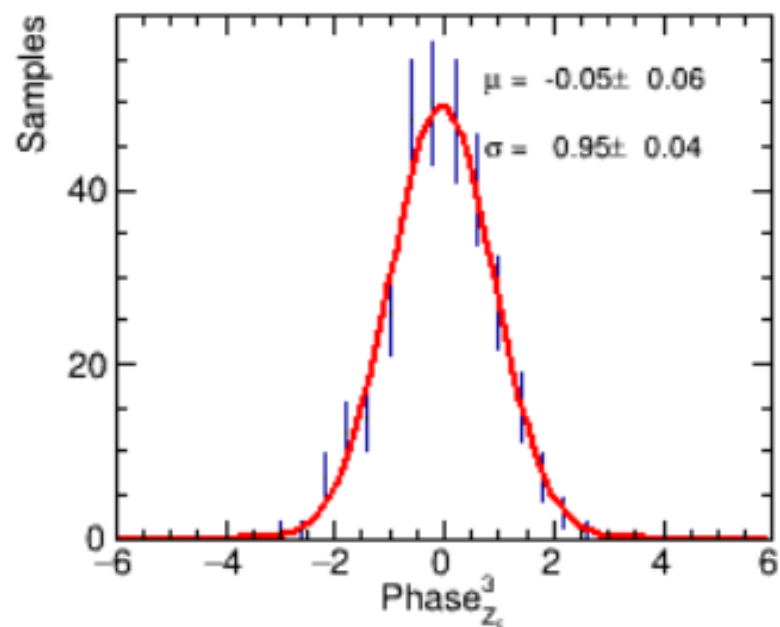
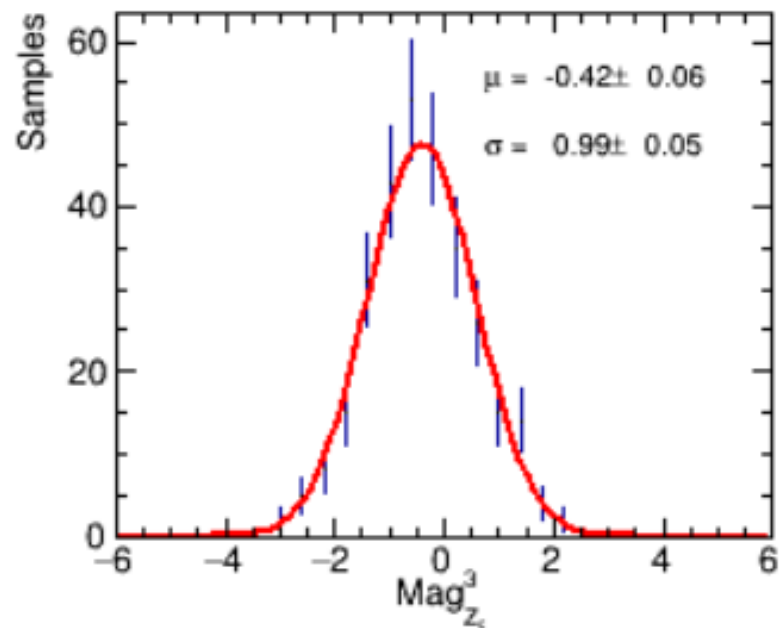
NO.	NAME	VALUE	ERROR
1	Constant	1.17014e+01	1.01675e+00
2	Mean	-3.02223e+03	5.70085e+00
3	Sigma	7.91236e+01	5.43292e+00

#		input		output_140		pull value		output_283		pull value				
#														
ana_4260_Zc1_paral_mag	=	53.39021225		48.78073761	+ -	3.953115663		1.16604		50.29058599	+ -	3.990792101		0.776694
ana_4260_Zc1_paral_phase	=	1.43035651		1.518992228	+ -	0.08817737262		-1.0052		1.285394134	+ -	0.09089908089		1.59476
#														
ana_4260_Zc1_para2_mag	=	61.76089253		64.75577037	+ -	5.254030419		-0.570015		55.42113874	+ -	5.169147737		1.22646
#														
ana_4260_Zc1_para2_phase	=	2.009867657		1.945706734	+ -	0.08251268205		0.777589		2.115051066	+ -	0.08740551009		-1.2034
#														
ana_4260_Zc1_para3_mag	=	34.32719605		32.99556091	+ -	2.267747583		0.587206		33.82674904	+ -	2.036231722		0.245771
#														
ana_4260_Zc1_para3_phase	=	6.086967017		6.000141285	+ -	0.07206693612		1.20479		6.131991497	+ -	0.06993084165		-0.643843
#														
ana_4260_Zc1_para4_mag	=	42.14130691		42.4275863	+ -	2.904946391		-0.0985489		42.11093623	+ -	2.665589747		0.0113936
#														
ana_4260_Zc1_para4_phase	=	0.7040924797		0.6135031472	+ -	0.05850282434		1.54846		0.8164710434	+ -	0.0618439474		-1.81713
#														
ana_4260_sigma_para2_mag	=	57.88416742		56.1330847	+ -	3.591732039		0.487532		58.0786863	+ -	3.443840153		-0.0564831
#														
ana_4260_sigma_para2_phase	=	5.018468194		4.982450917	+ -	0.08080070666		0.445754		5.007559422	+ -	0.07296083547		0.149515
#														
ana_4260_f0980_paral_mag	=	748.741602		732.77347	+ -	35.17203888		0.454001		758.6958501	+ -	24.53292342		-0.405751
#														
ana_4260_f0980_paral_phase	=	3.501289914		3.43806483	+ -	0.07485334518		0.844653		3.629588928	+ -	0.06536091349		-1.96293
#														
ana_4260_f0980_para2_mag	=	902.0298819		859.4536289	+ -	48.60829095		0.875905		899.5240891	+ -	45.09935373		0.0555616
#														
ana_4260_f0980_para2_phase	=	2.59672716		2.564762277	+ -	0.07509941026		0.425634		2.596615809	+ -	0.0686240653		0.00162262
#														

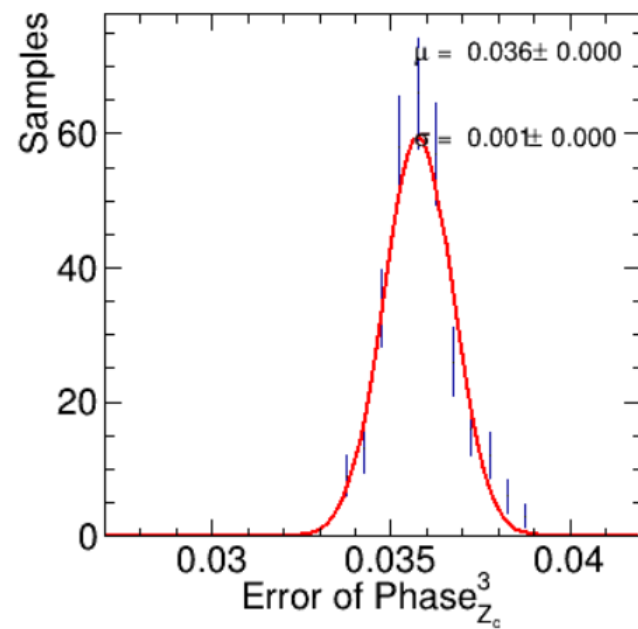
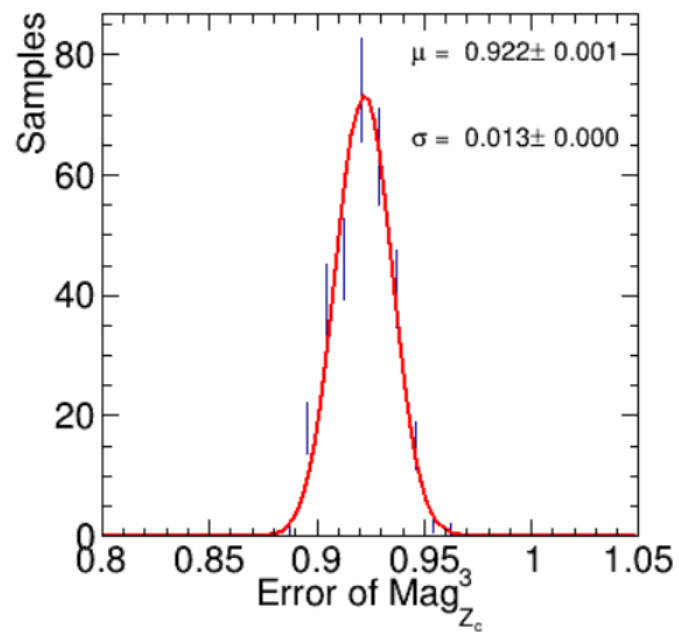
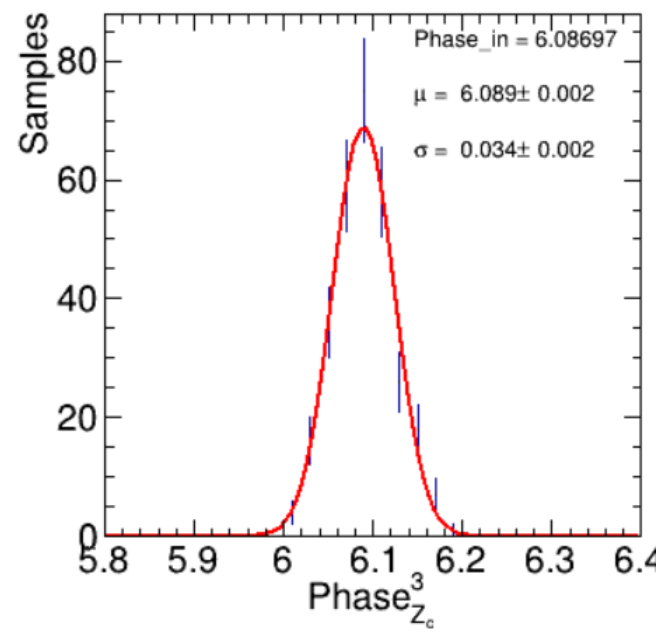
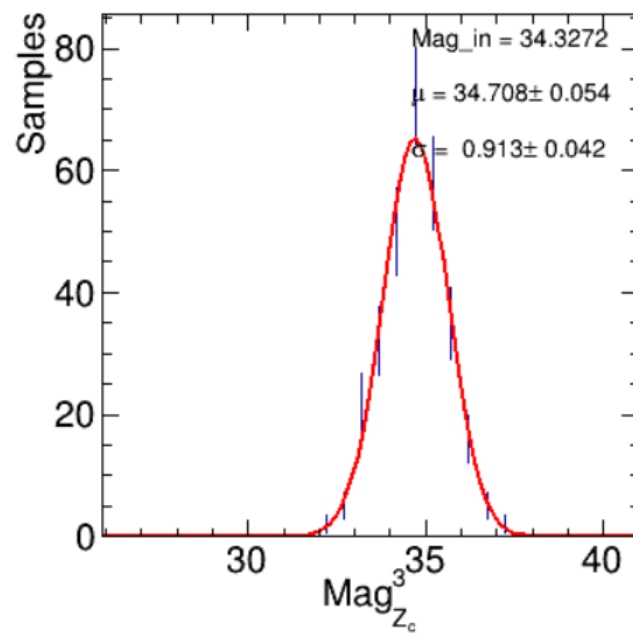
Float only one magnitude and one phase



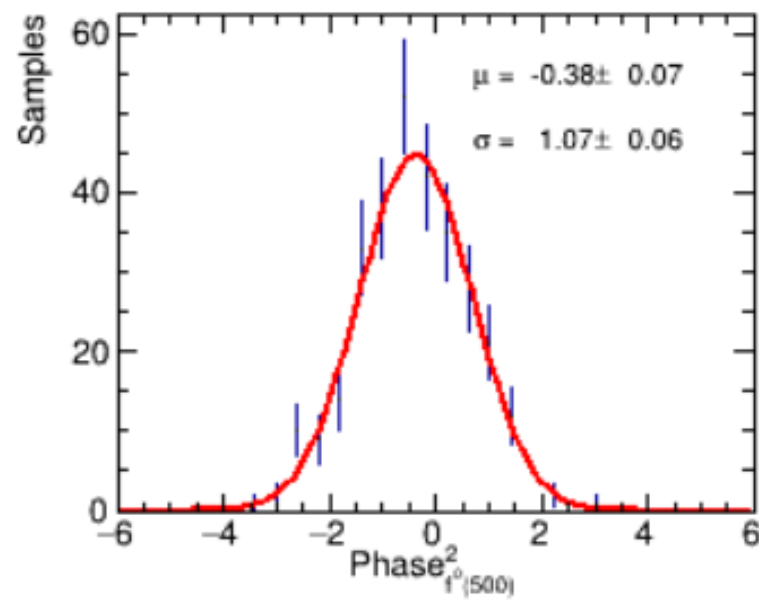
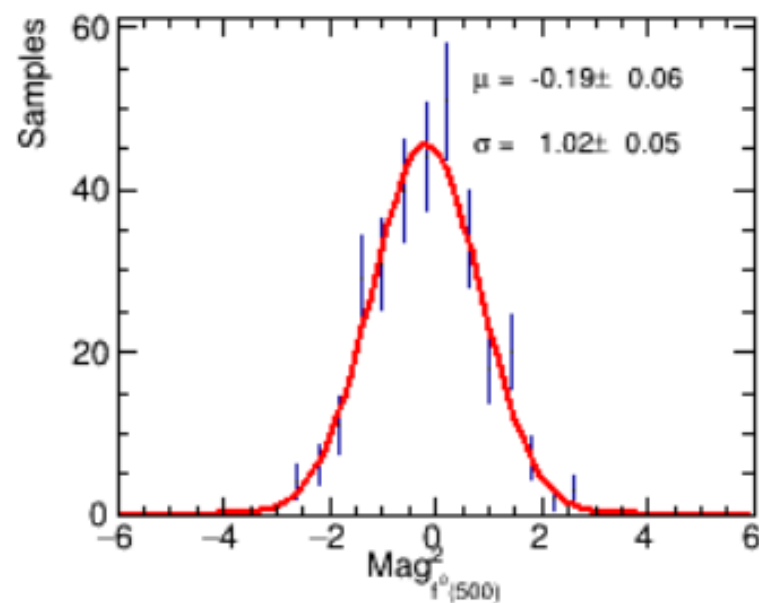
Pull distribution



parameters distribution



Pull distribution



parameters distribution

