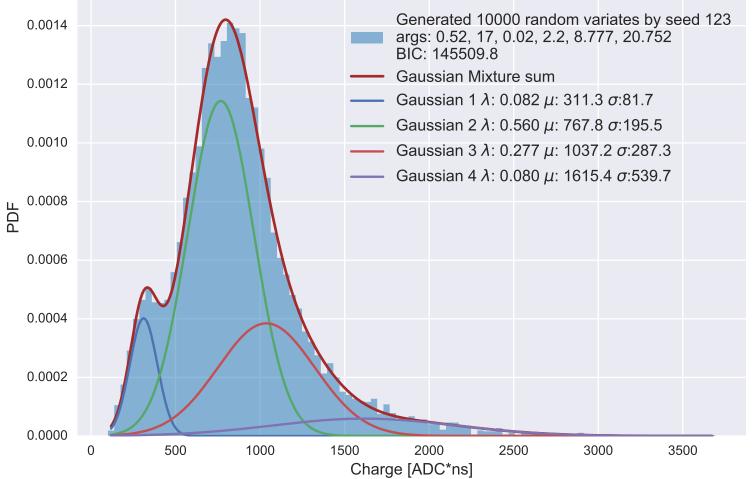
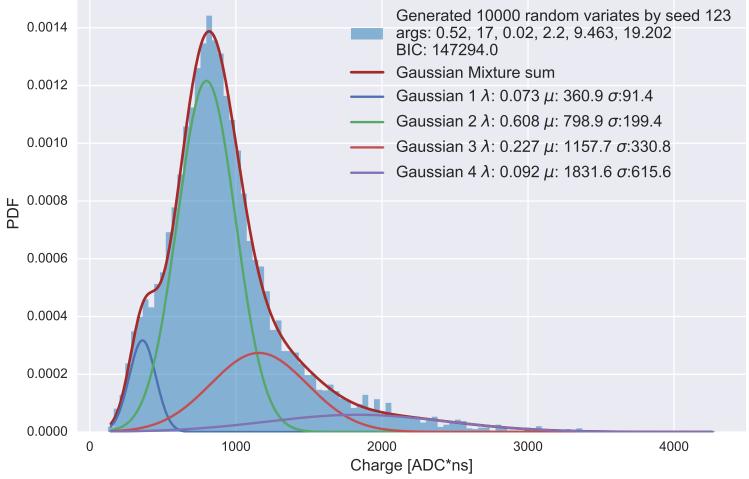
Charge PDF Gaussian decomposition with 10000 sample 16 inits Generated 10000 random variates by seed 123 0.0014 args: 0.52, 17, 0.02, 2.2, 8.777, 19.202 BIC: 146421.3 Gaussian Mixture sum 0.0012 Gaussian 1 λ : 0.075 μ : 330.4 σ :85.7 Gaussian 2 λ : 0.611 μ : 786.7 σ :200.6 0.0010 Gaussian 3 λ : 0.230 μ : 1116.0 σ :311.4 Gaussian 4 λ : 0.084 μ : 1732.0 σ :581.2 0.0008 0.0006 0.0004 0.0002 0.0000 500 1000 1500 2000 2500 3000 3500 4000 0 Charge [ADC*ns]



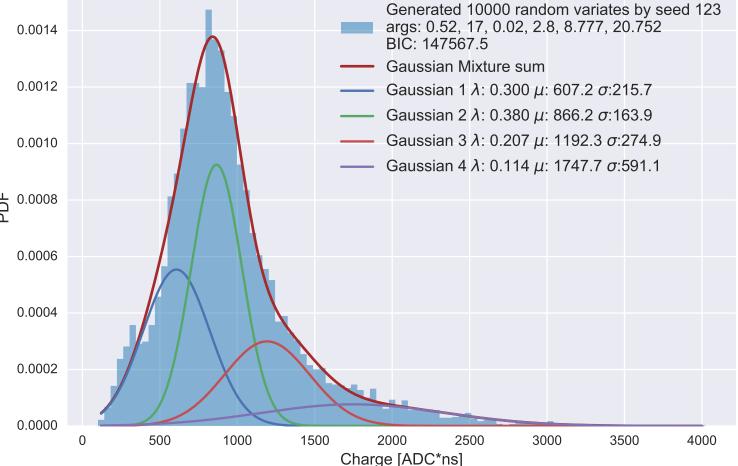


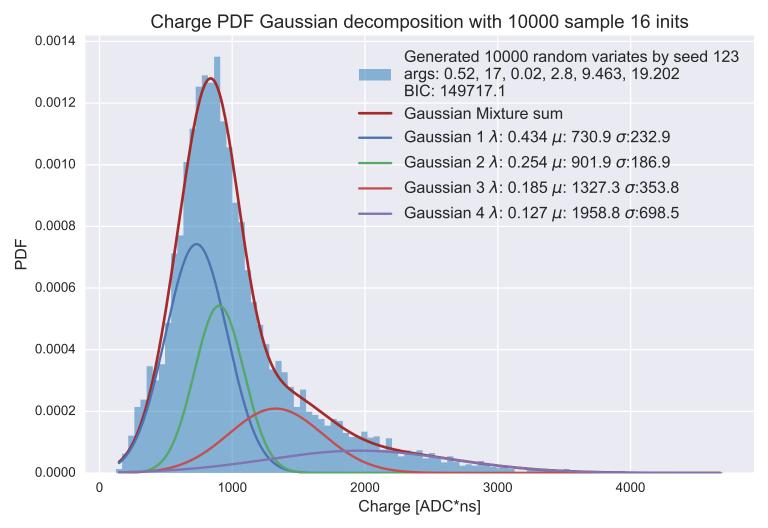
Charge PDF Gaussian decomposition with 10000 sample 16 inits Generated 10000 random variates by seed 123 0.0014 args: 0.52, 17, 0.02, 2.2, 9.463, 20.752 BIC: 146311.4 Gaussian Mixture sum 0.0012 Gaussian 1 λ : 0.078 μ : 335.3 σ :84.6 Gaussian 2 λ : 0.580 μ : 783.0 σ :195.6 0.0010 Gaussian 3 λ : 0.253 μ : 1085.2 σ :303.9 Gaussian 4 λ : 0.089 μ : 1706.9 σ :572.0 0.0008 0.0006 0.0004 0.0002 0.0000 500 1000 1500 2000 2500 3000 3500 4000

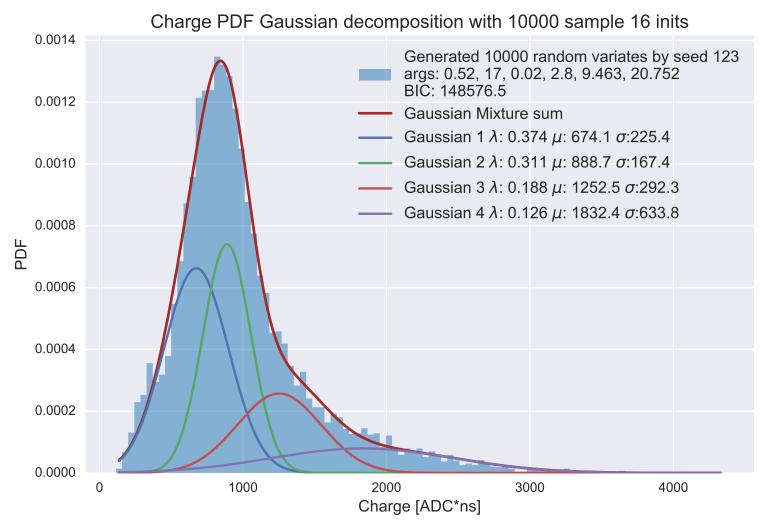
Charge [ADC*ns]

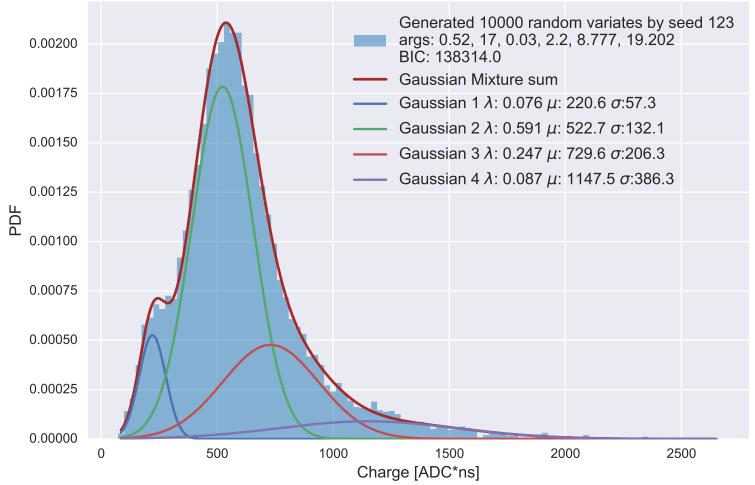
Charge PDF Gaussian decomposition with 10000 sample 16 inits 0.0014 Generated 10000 random variates by seed 123 args: 0.52, 17, 0.02, 2.8, 8.777, 19.202 BIC: 148669.7 0.0012 Gaussian Mixture sum Gaussian 1 λ : 0.373 μ : 691.9 σ :236.3 Gaussian 2 λ : 0.317 μ : 884.1 σ :182.9 0.0010 Gaussian 3 λ : 0.193 μ : 1257.5 σ :337.4 Gaussian 4 λ : 0.117 μ : 1851.7 σ :656.0 0.0008 0.0006 0.0004 0.0002 0.0000 1000 2000 3000 4000 Charge [ADC*ns]

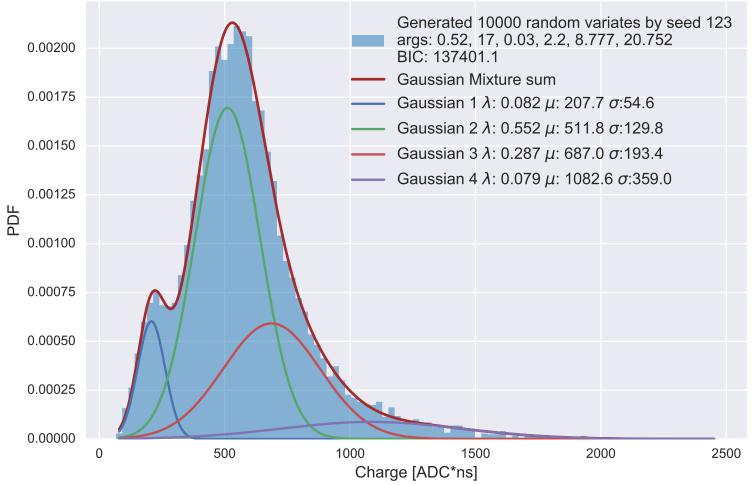
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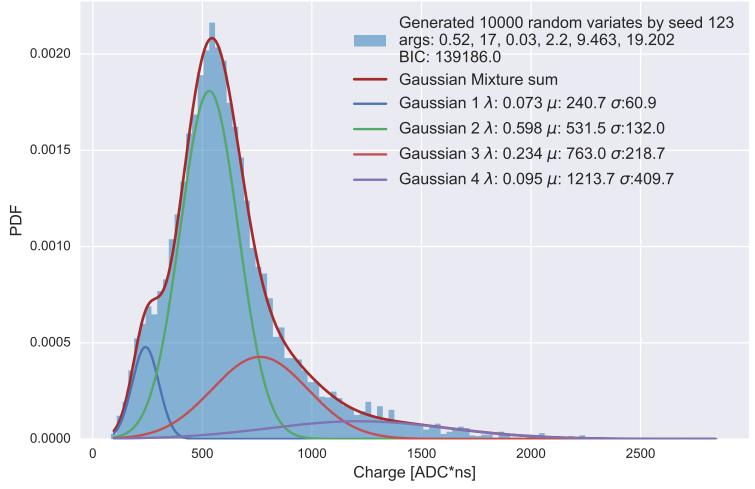


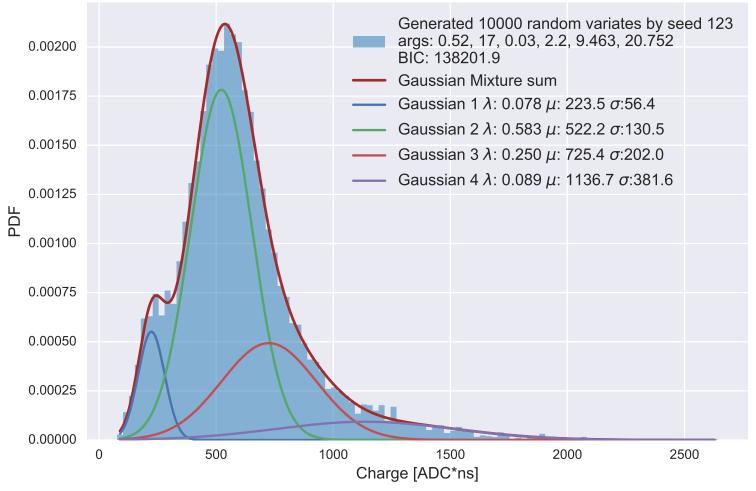


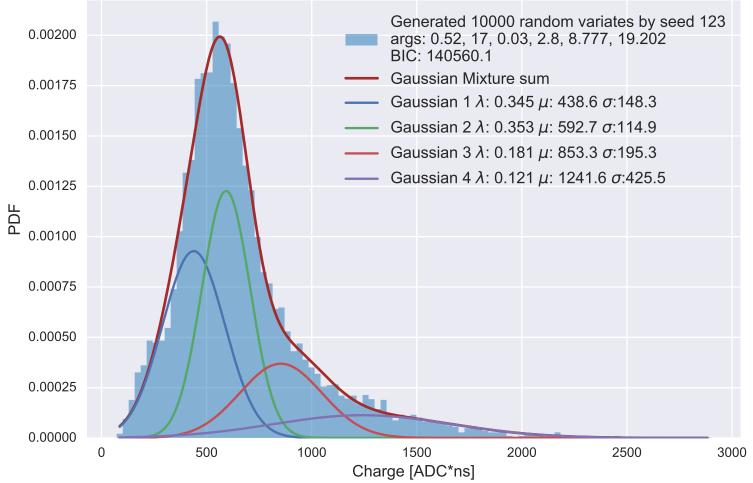


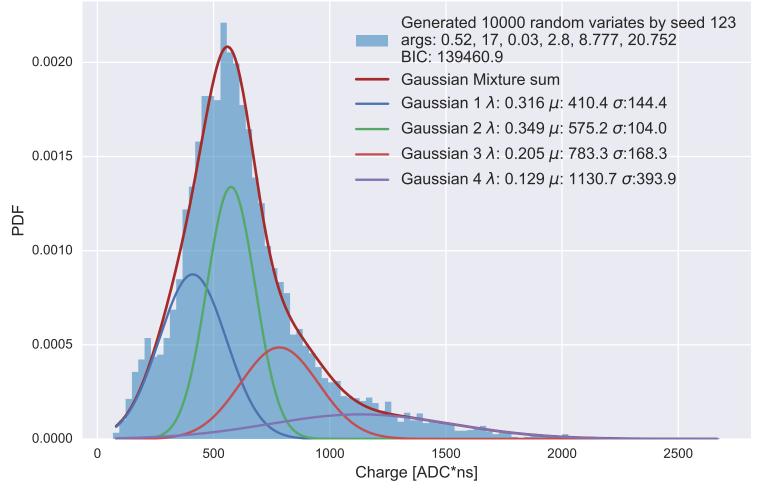


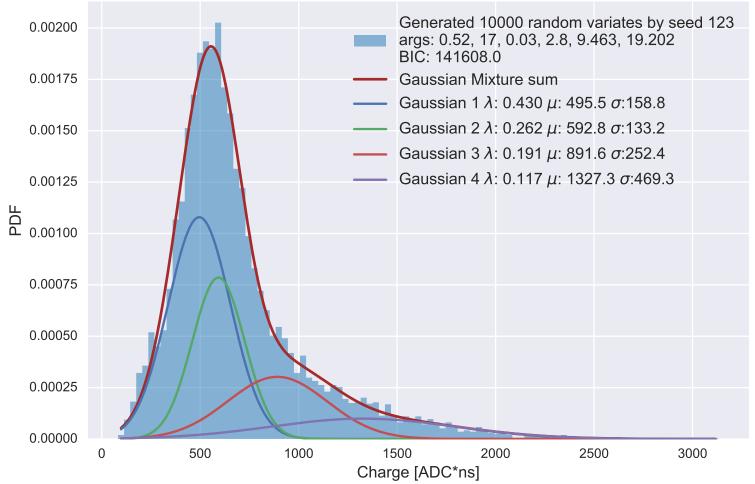


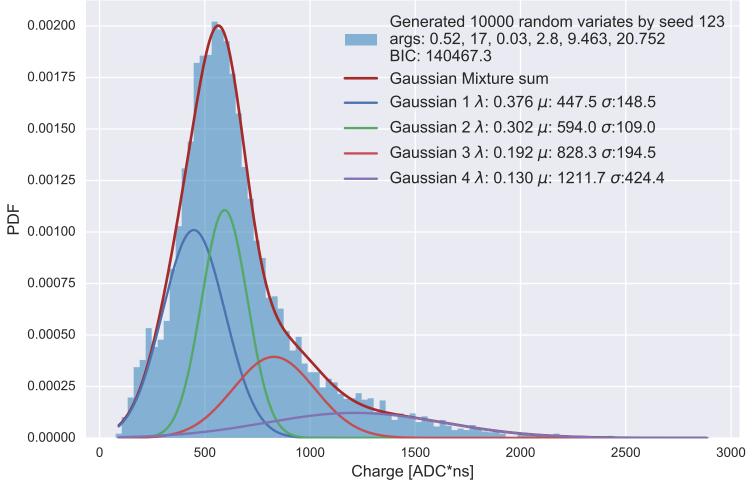


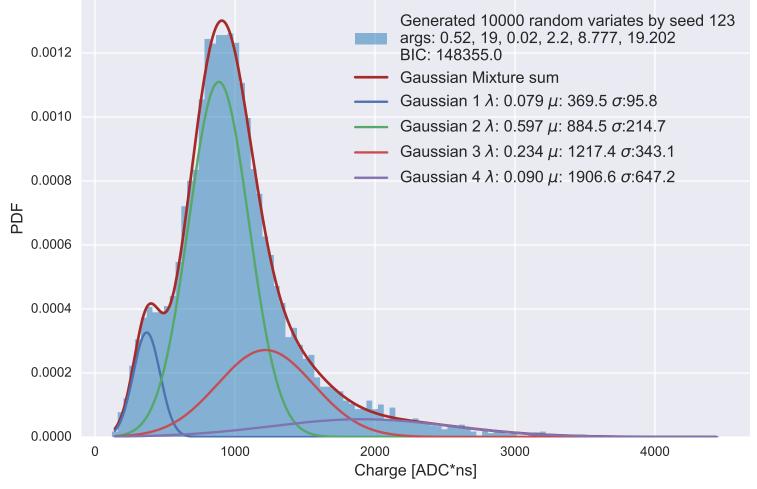


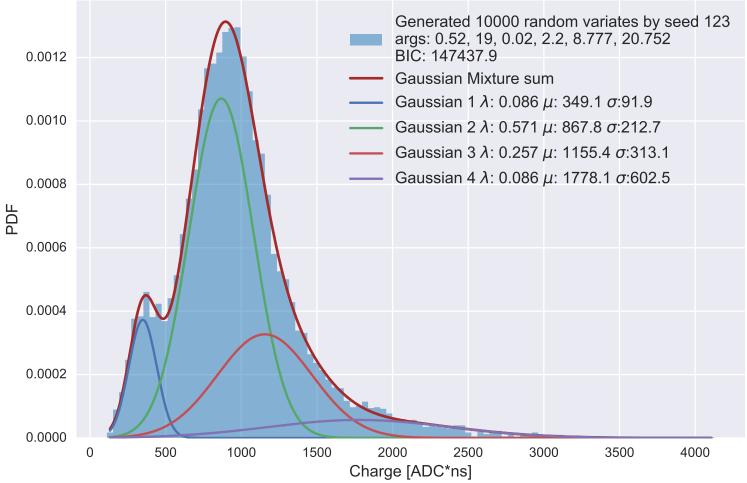


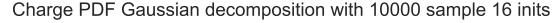


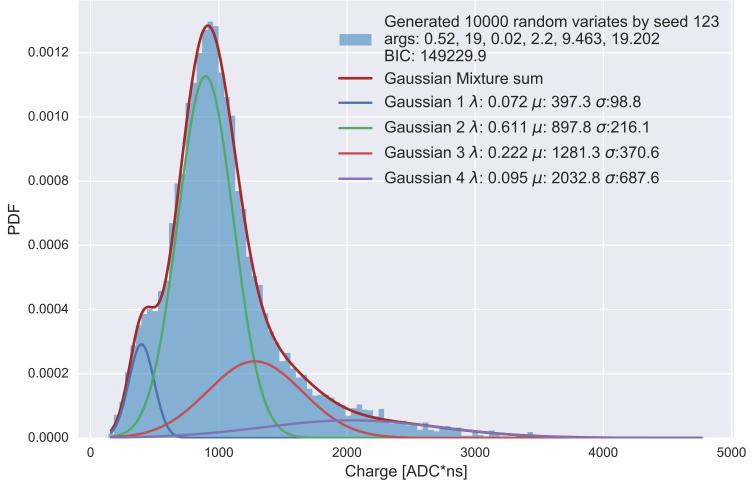


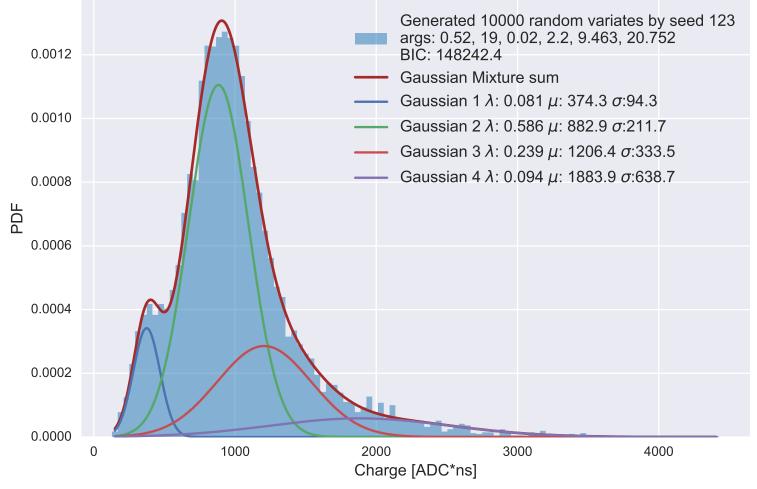


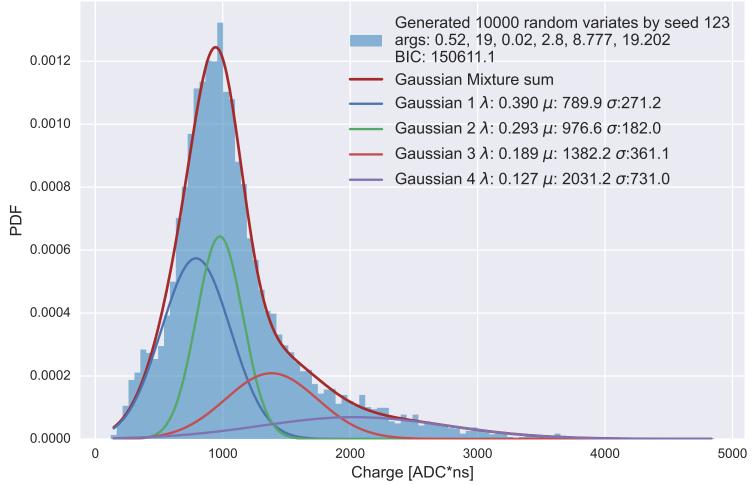


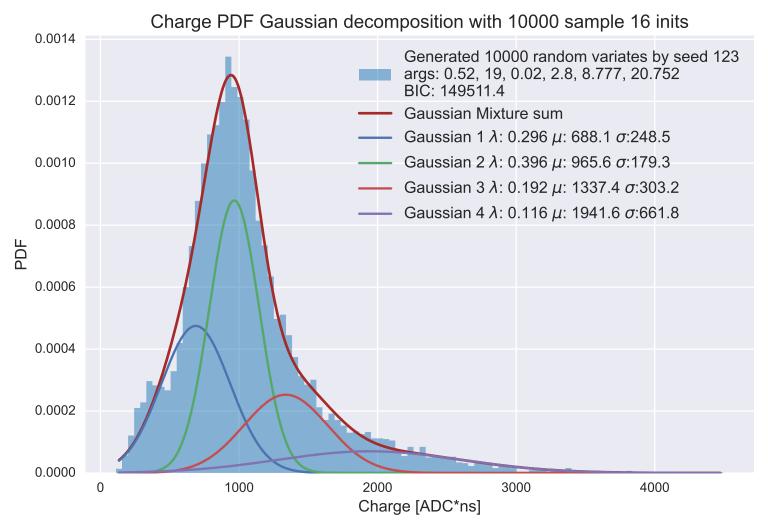


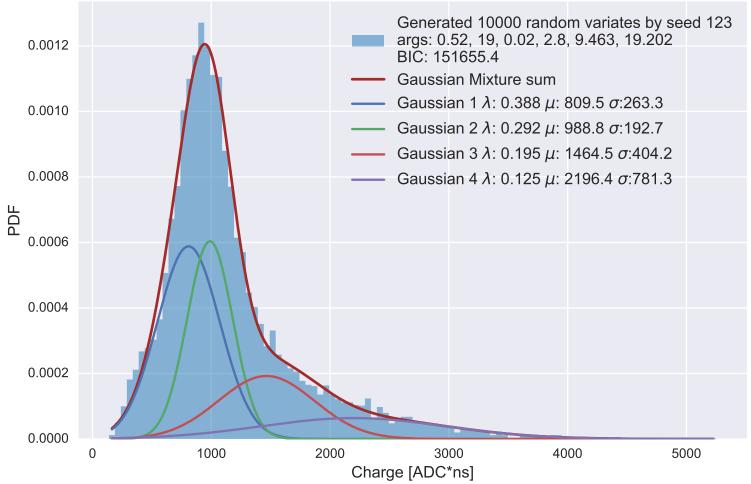


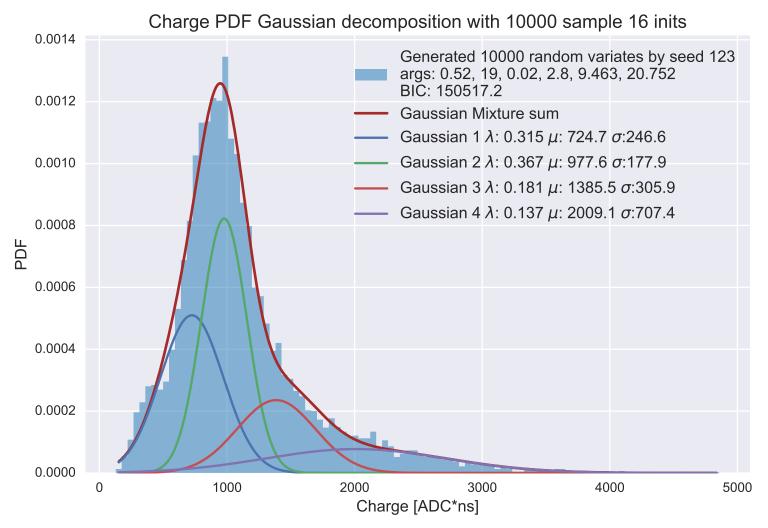


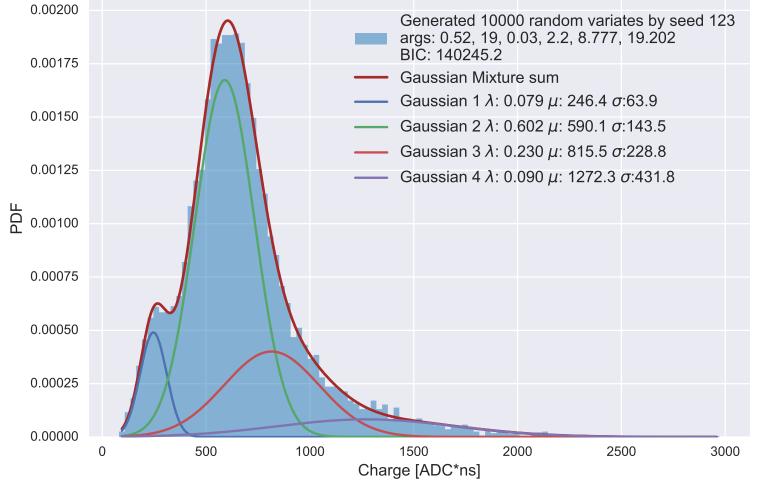


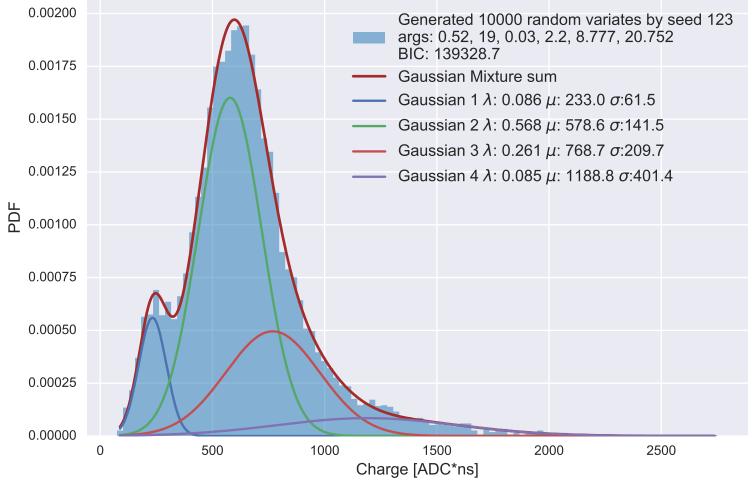


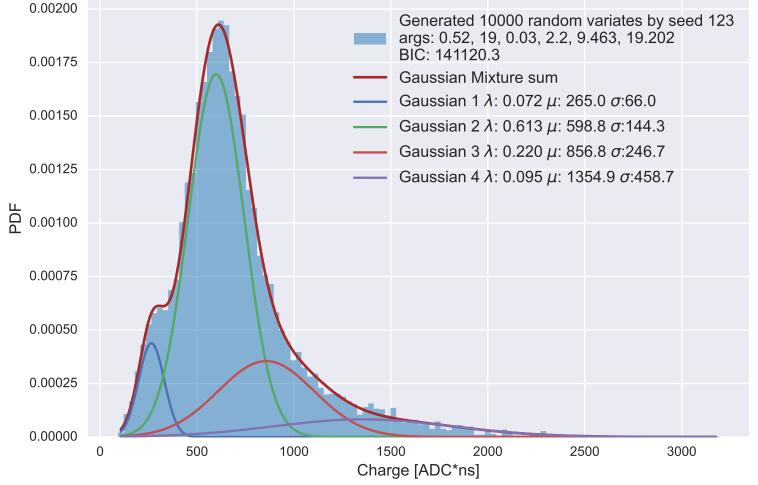


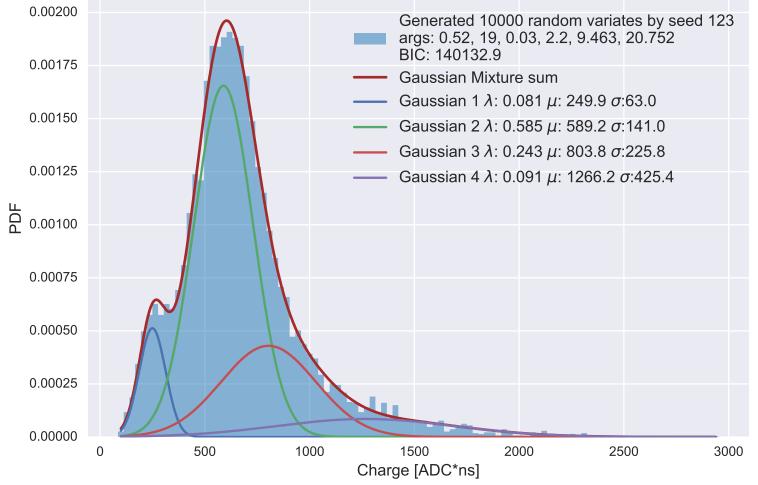


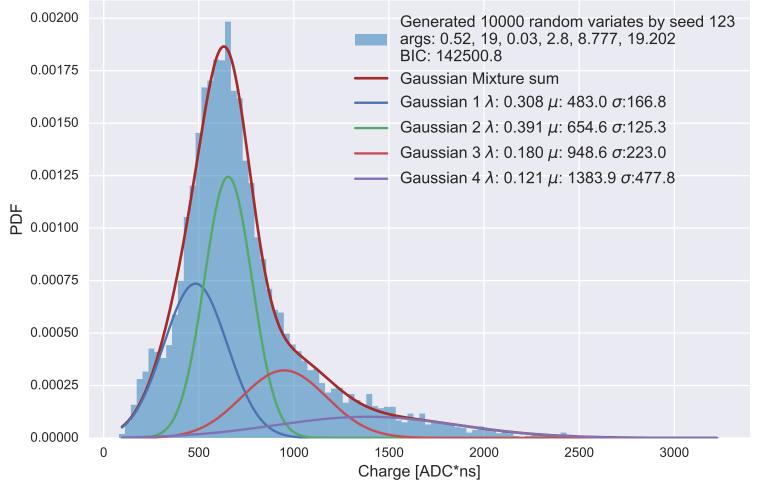


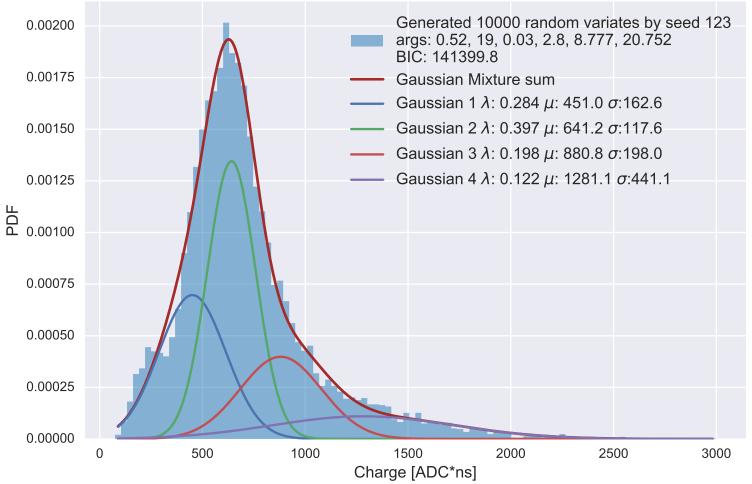


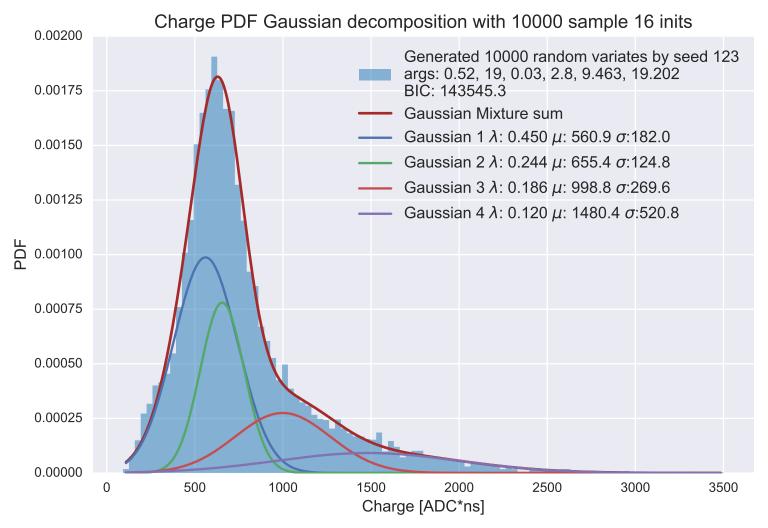


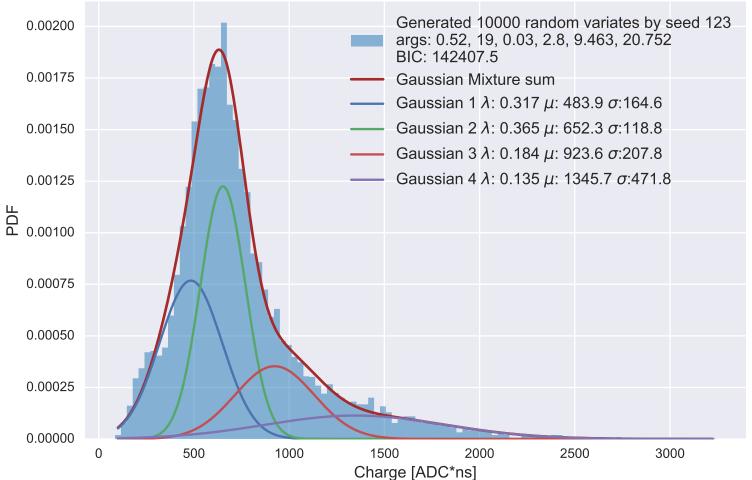


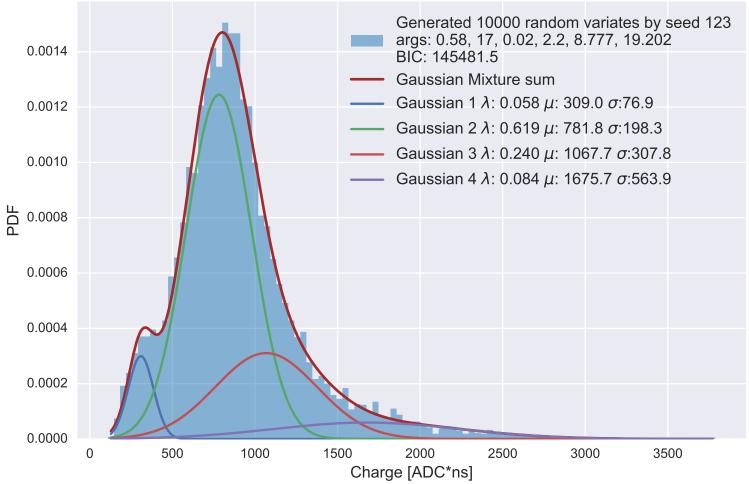


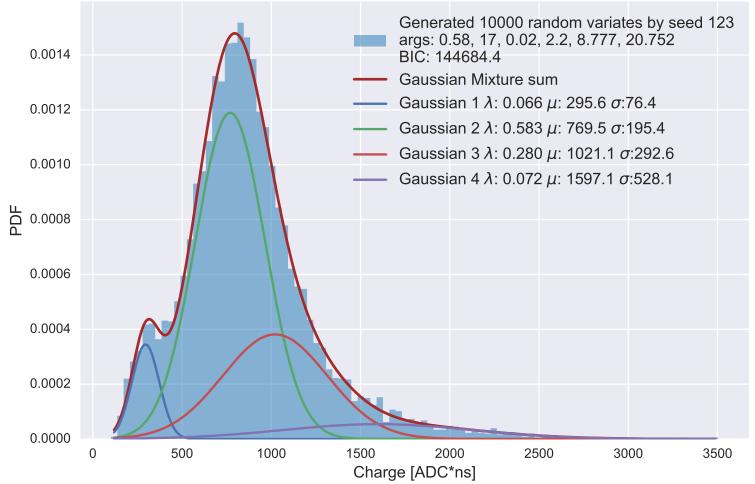




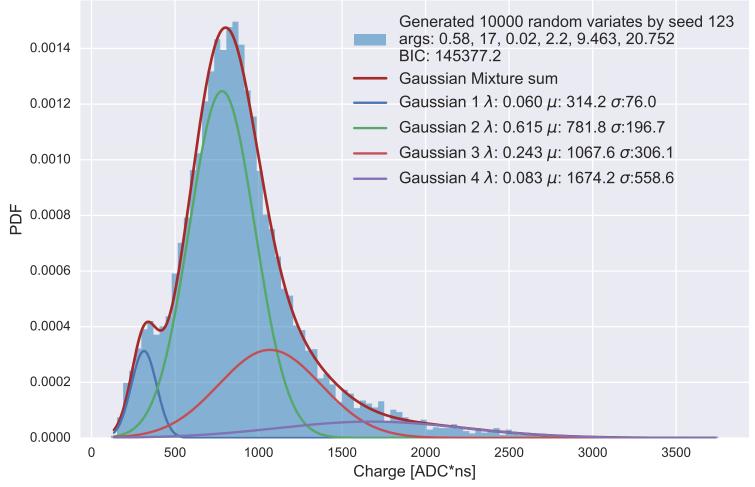


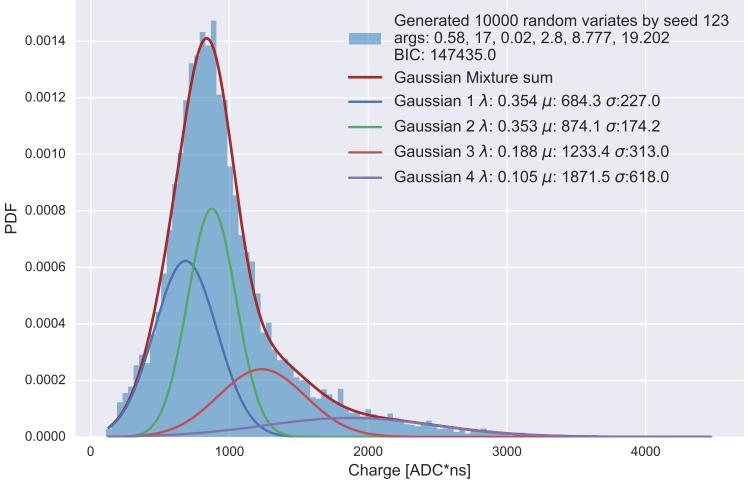


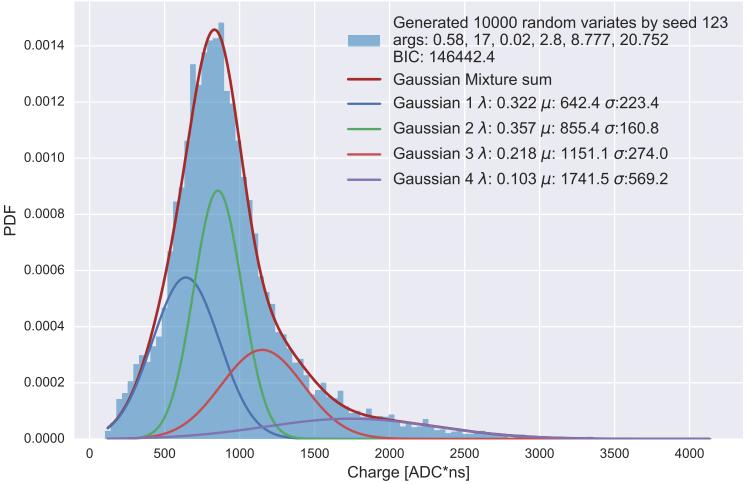




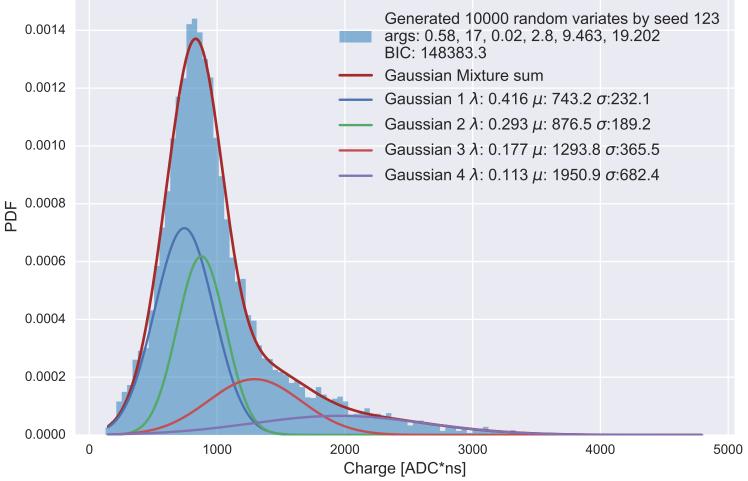
Charge PDF Gaussian decomposition with 10000 sample 16 inits 0.0016 Generated 10000 random variates by seed 123 args: 0.58, 17, 0.02, 2.2, 9.463, 19.202 BIC: 146353.3 0.0014 Gaussian Mixture sum Gaussian 1 λ : 0.329 μ : 606.1 σ :200.0 0.0012 Gaussian 2 λ : 0.368 μ : 870.5 σ :150.5 Gaussian 3 λ : 0.194 μ : 1150.2 σ :265.6 0.0010 Gaussian 4 λ : 0.109 μ : 1711.6 σ :593.1 0.0008 0.0006 0.0004 0.0002 0.0000 500 1000 1500 2000 2500 3000 3500 4000 0 Charge [ADC*ns]

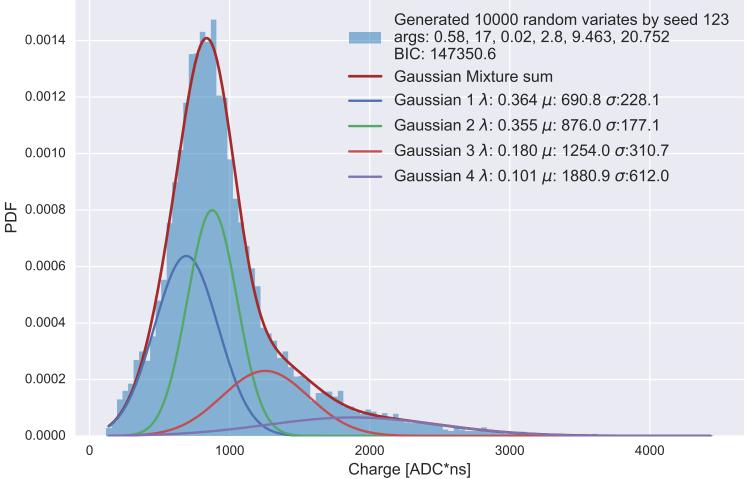


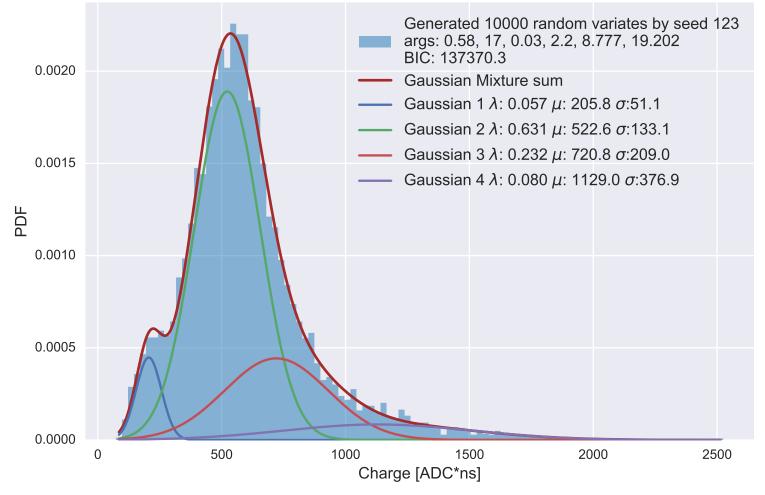


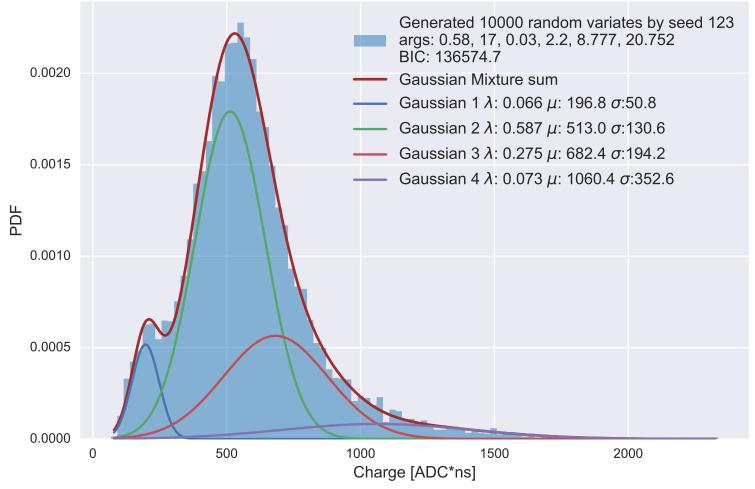


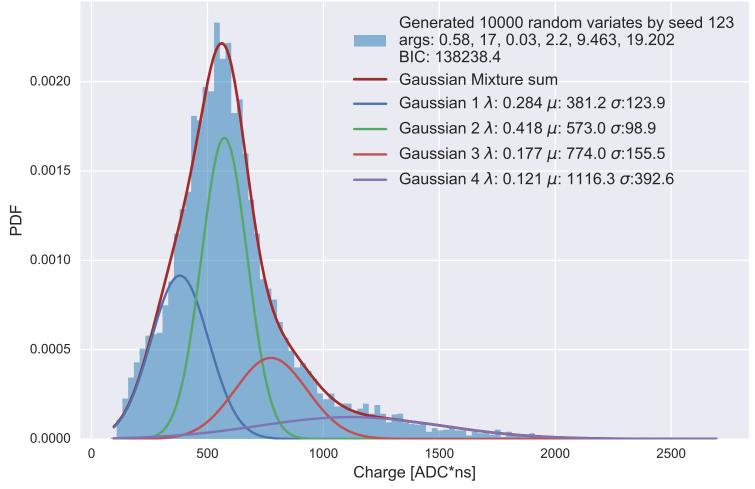


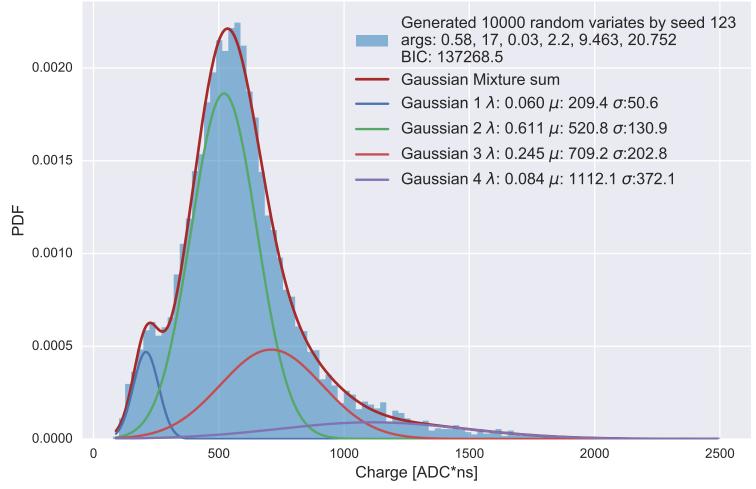


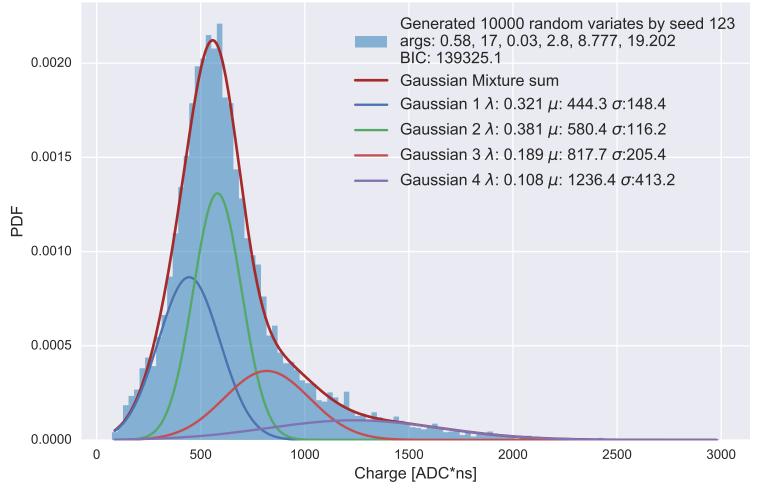


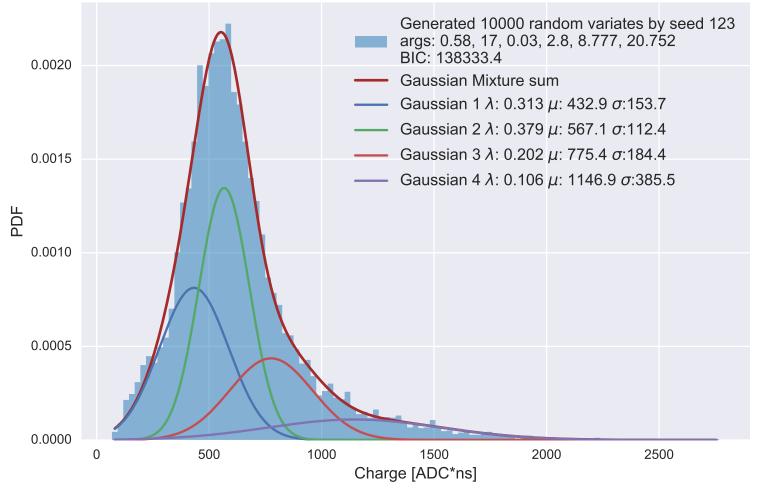


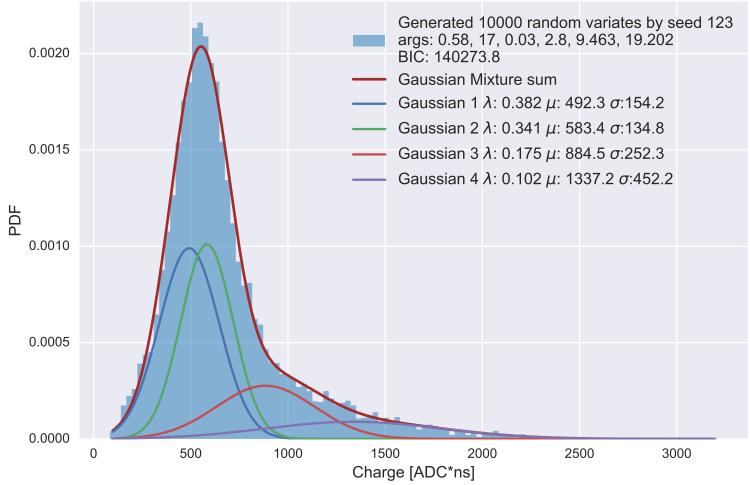


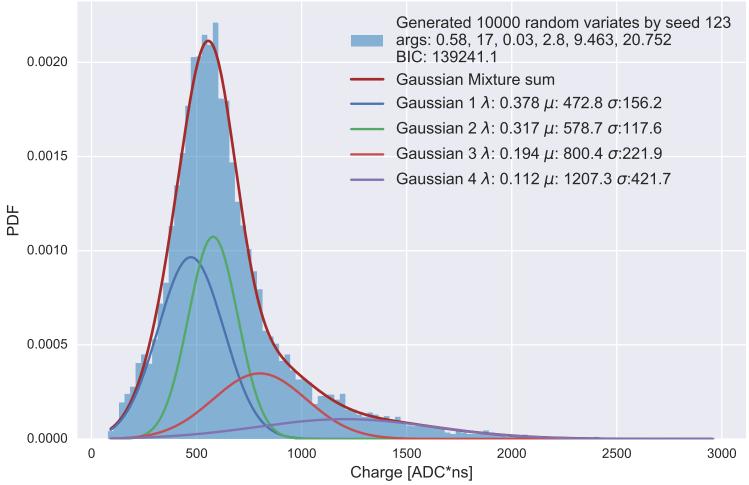


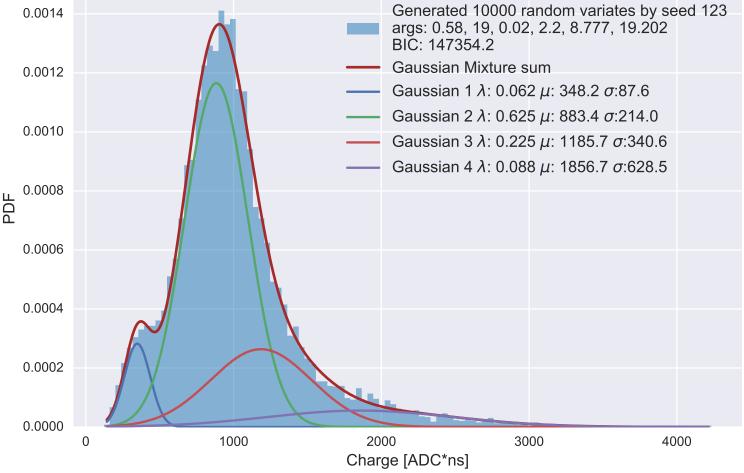


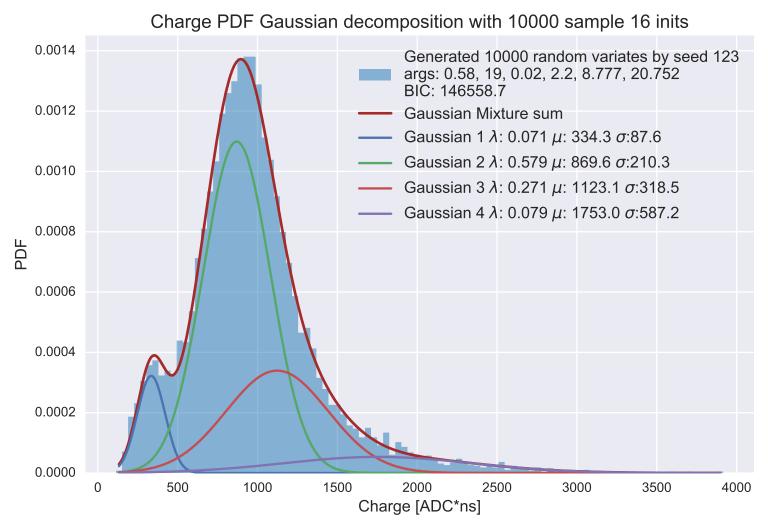












Charge PDF Gaussian decomposition with 10000 sample 16 inits 0.0014 Generated 10000 random variates by seed 123 args: 0.58, 19, 0.02, 2.2, 9.463, 19.202 BIC: 148107.4 Gaussian Mixture sum 0.0012 Gaussian 1 λ : 0.054 μ : 368.3 σ :86.1 Gaussian 2 λ : 0.655 μ : 895.0 σ :217.2 0.0010 Gaussian 3 λ : 0.197 μ : 1256.1 σ :365.2 Gaussian 4 λ : 0.094 μ : 1970.0 σ :668.6 0.0008 0.0006 0.0004 0.0002 0.0000 1000 2000 3000 4000

Charge [ADC*ns]

