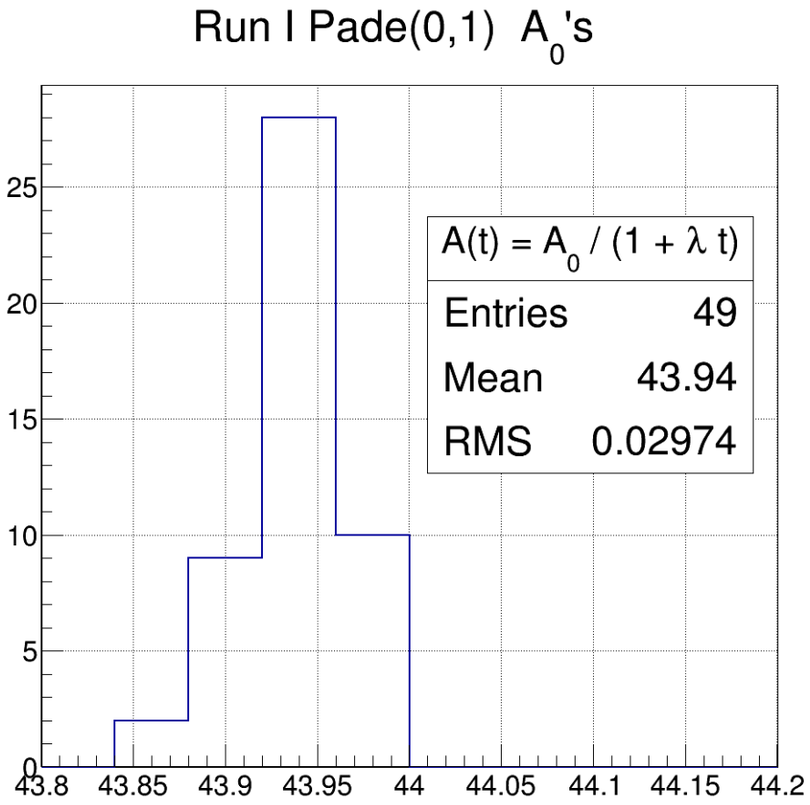
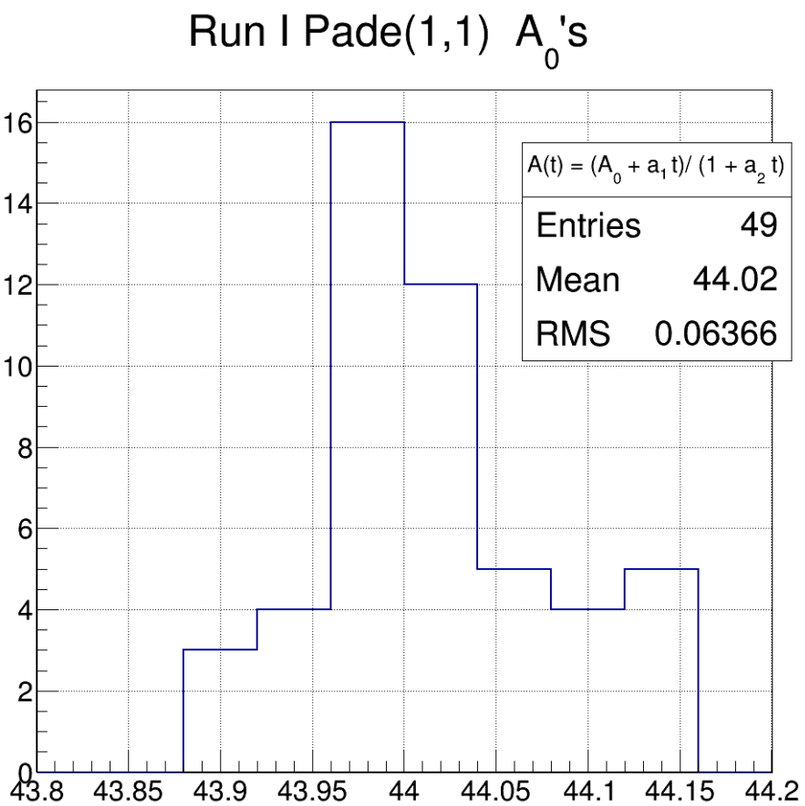
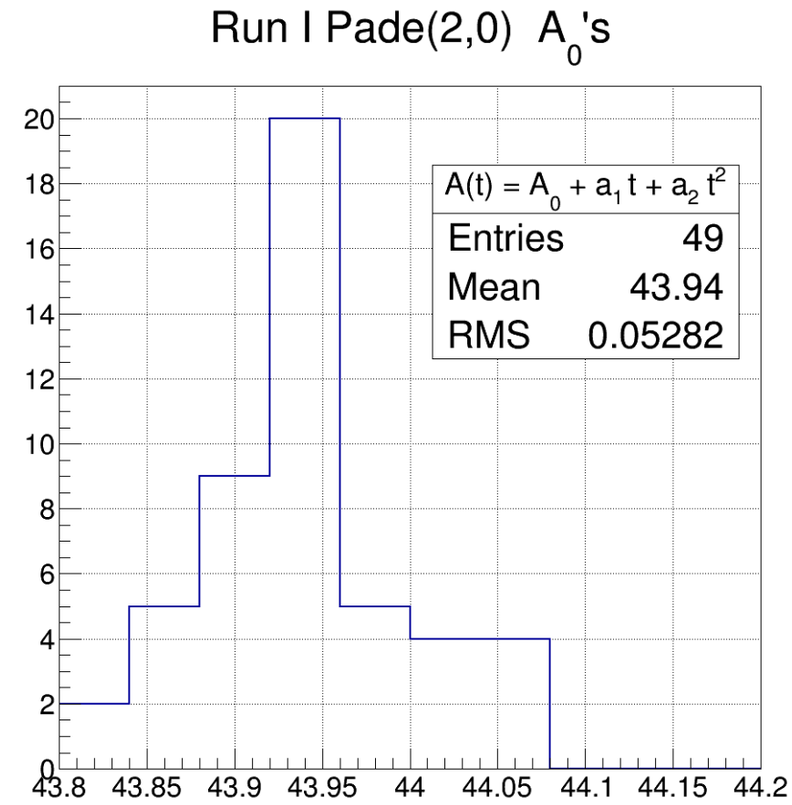
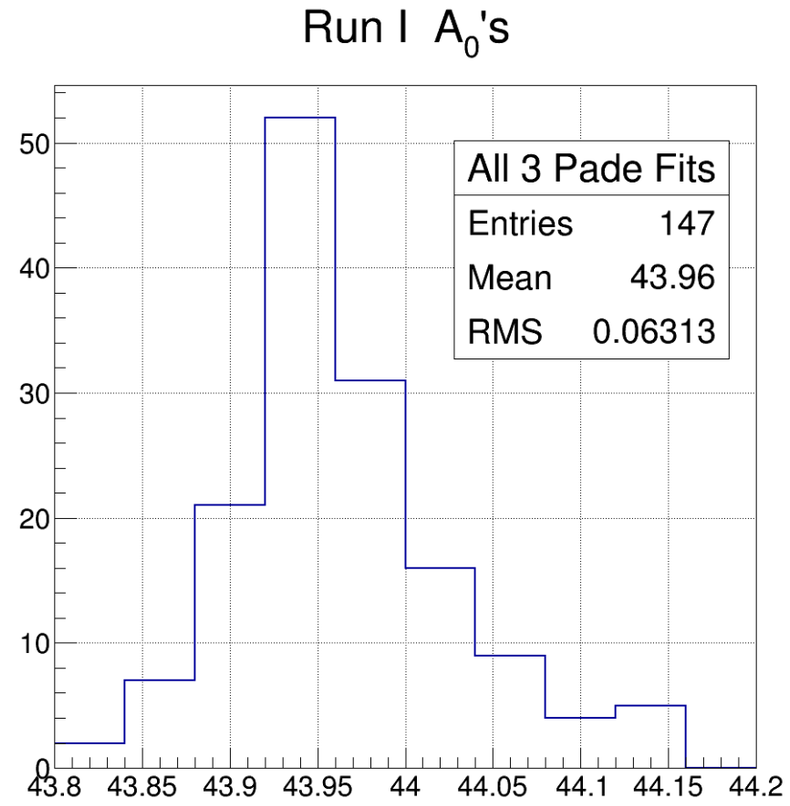
Run I

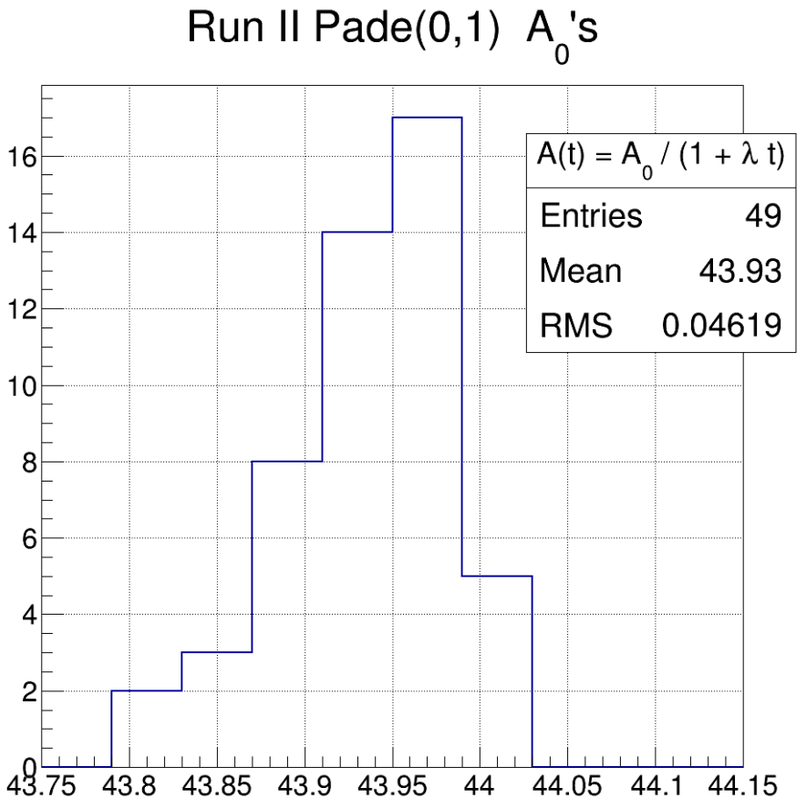

Run I Pade(0,1) A0's
A(t) = A0 / (1 + λ t)
Entries 49
Mean 43.94
RMS 0.02974

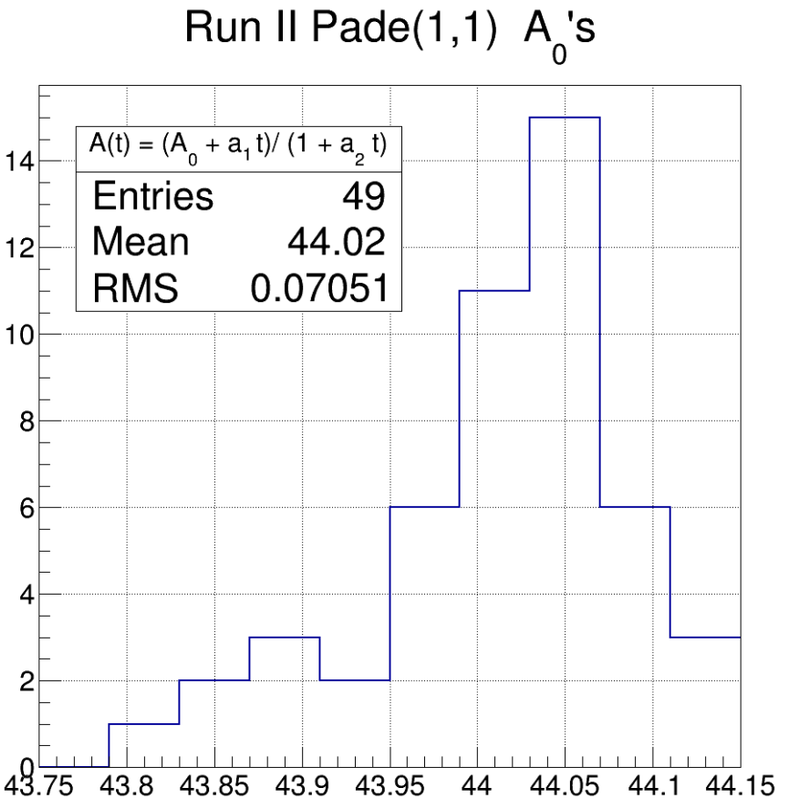

Run I Pade(1,1) A0's
A(t) = (A0 + a1 t)/ (1 + a2 t)
Entries 49
Mean 44.02
RMS 0.06366

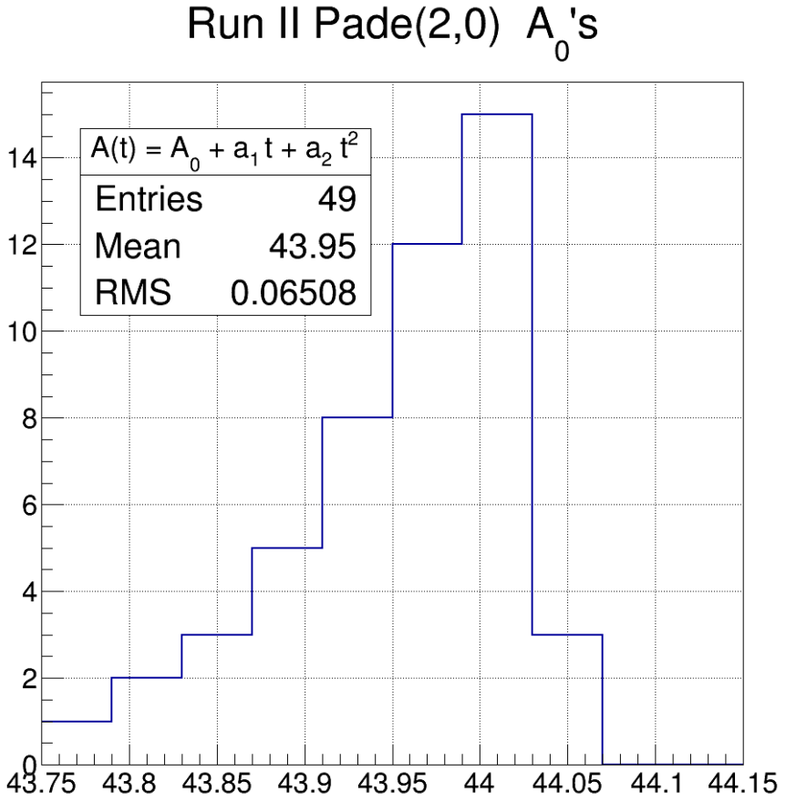

Run I Pade(2,0) A0's
A(t) = A0 + a1 t + a2 t2
Entries 49
Mean 43.94
RMS 0.05282

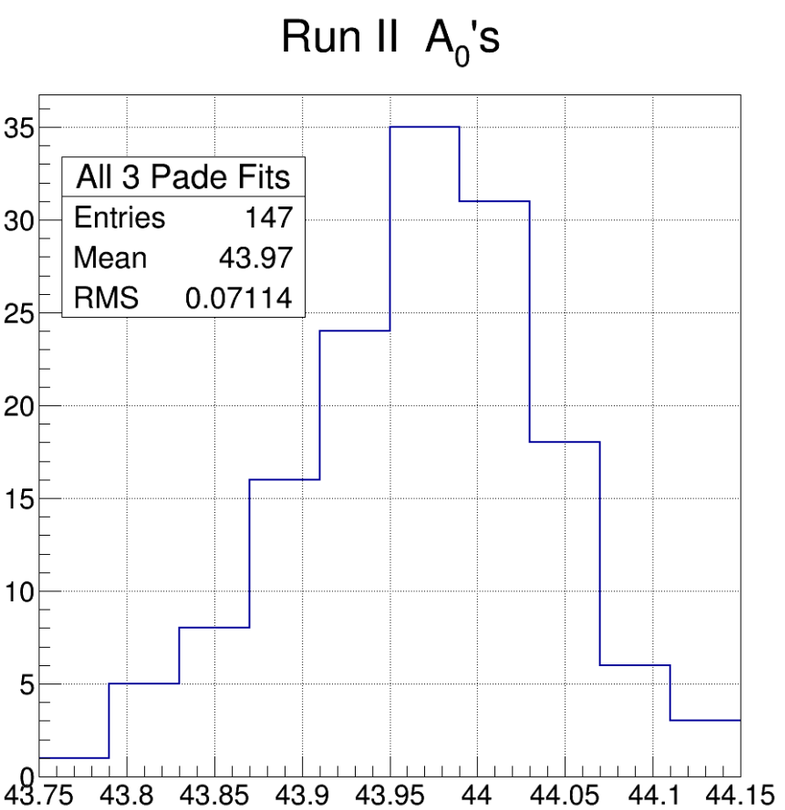

Run I A0's
All 3 Pade Fits
Entries 147
Mean 43.96
RMS 0.06313

Run II


Run II Pade(0,1) A_0's
$A(t) = A_0 / (1 + \lambda t)$
Entries 49
Mean 43.93
RMS 0.04619


Run II Pade(1,1) A_0's
$A(t) = (A_0 + a_1 t)/ (1 + a_2 t)$
Entries 49
Mean 44.02
RMS 0.07051


Run II Pade(2,0) A_0's
$A(t) = A_0 + a_1 t + a_2 t^2$
Entries 49
Mean 43.95
RMS 0.06508


Run II A_0's
All 3 Pade Fits
Entries 147
Mean 43.97
RMS 0.07114

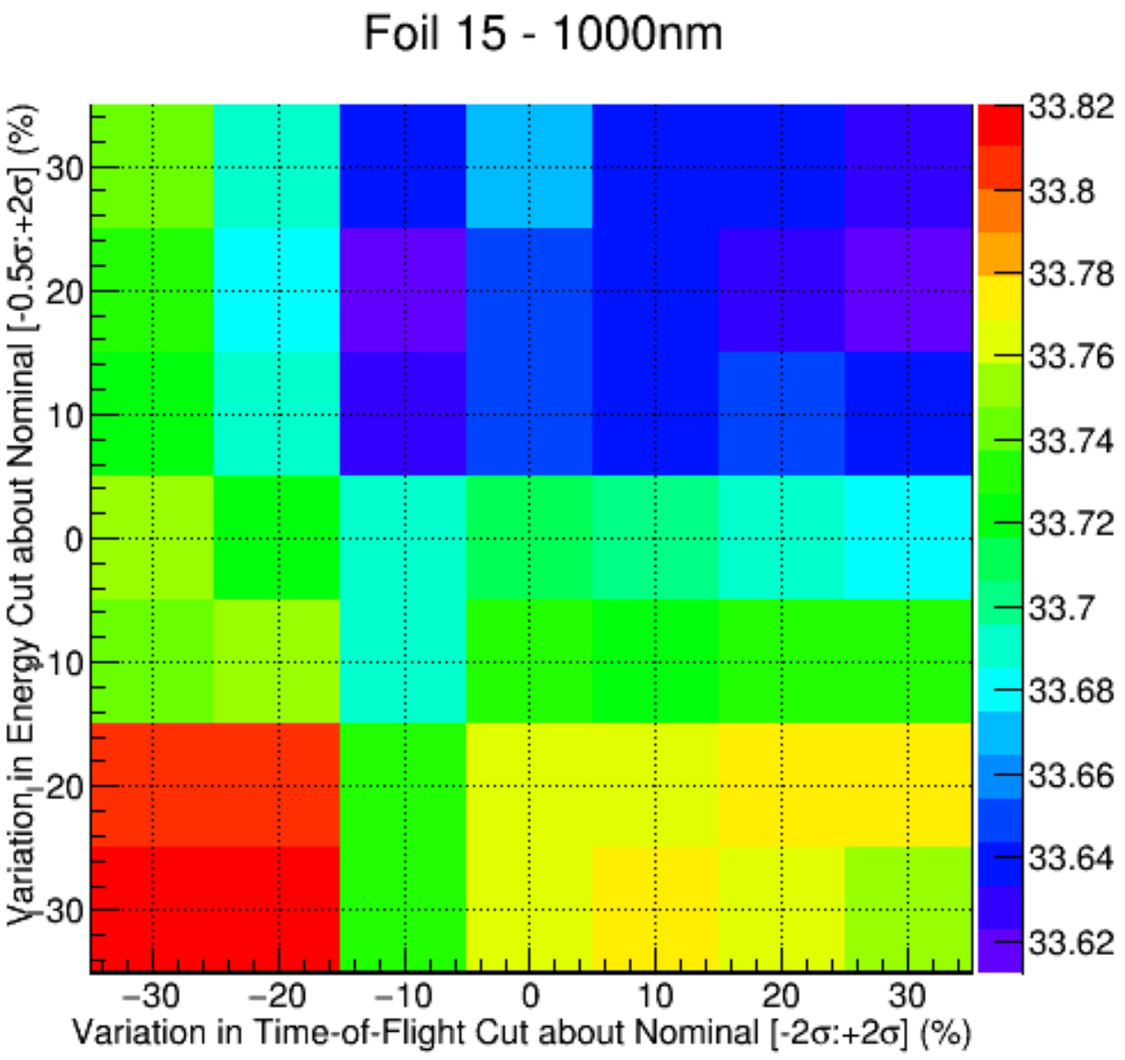
Run I and II A_0's

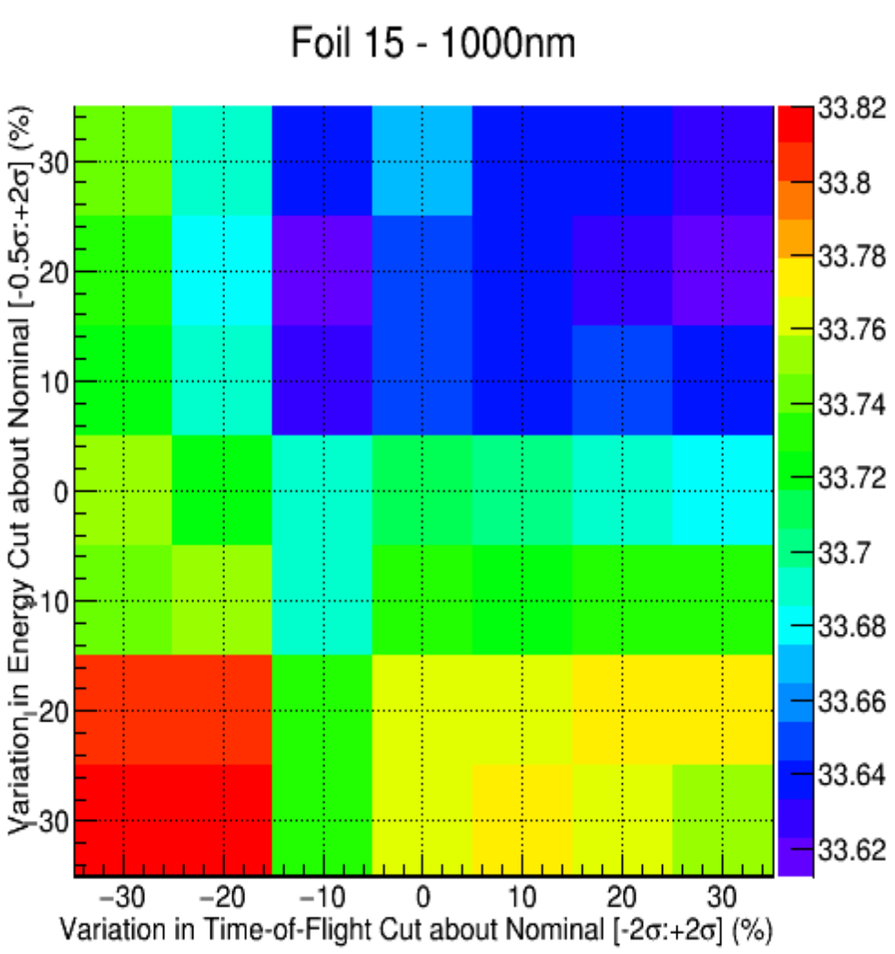
Fit	Run I	Run II
Pade(0,1) = $A_0 / (1+\lambda t)$	43.94 ± 0.03	43.93 ± 0.05
Pade(1,1) = $(A_0 + a_1) / (1+a_2 t)$	44.02 ± 0.06	44.02 ± 0.07
Pade(2,0) = $A_0 + a_1 t + a_2 t^2$	43.94 ± 0.05	43.95 ± 0.07
All 3 Fits	43.96 ± 0.06	43.97 ± 0.07

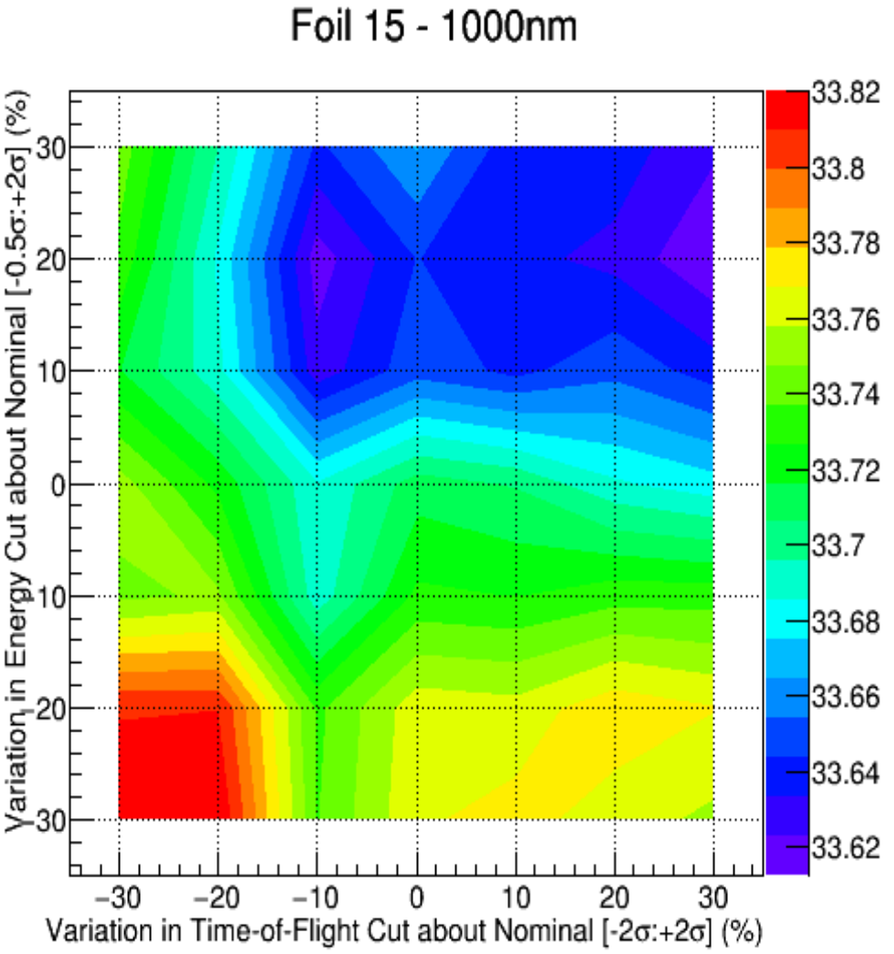
Run I 1000 nm Foil

	%	T -1.4 : +1.4	T: -1.6 : +1.6	T: -1.8 : +1.8	T: -2 : +2	T: -2.2 : +2.2	T: -2.4 : +2.4	T: -2.6 : +2.6
		-30	-20	-10	0	10	20	30
E: -0.875 : 2.375	30	33.74	33.70	33.64	33.67	33.64	33.64	33.63
E: -0.75 : +2.25	20	33.73	33.68	33.62	33.64	33.64	33.63	33.61
E: -0.625 : +2.125	10	33.72	33.69	33.63	33.65	33.64	33.65	33.64
E: -0.5 : +2	0	33.75	33.72	33.69	33.71	33.71	33.69	33.68
E: -0.375 : +1.875	-10	33.75	33.75	33.69	33.73	33.73	33.73	33.73
E: -0.25 : +1.75	-20	33.81	33.81	33.73	33.76	33.76	33.78	33.77
E: -0.125 : +1.625	-30	33.82	33.82	33.74	33.77	33.77	33.76	33.76

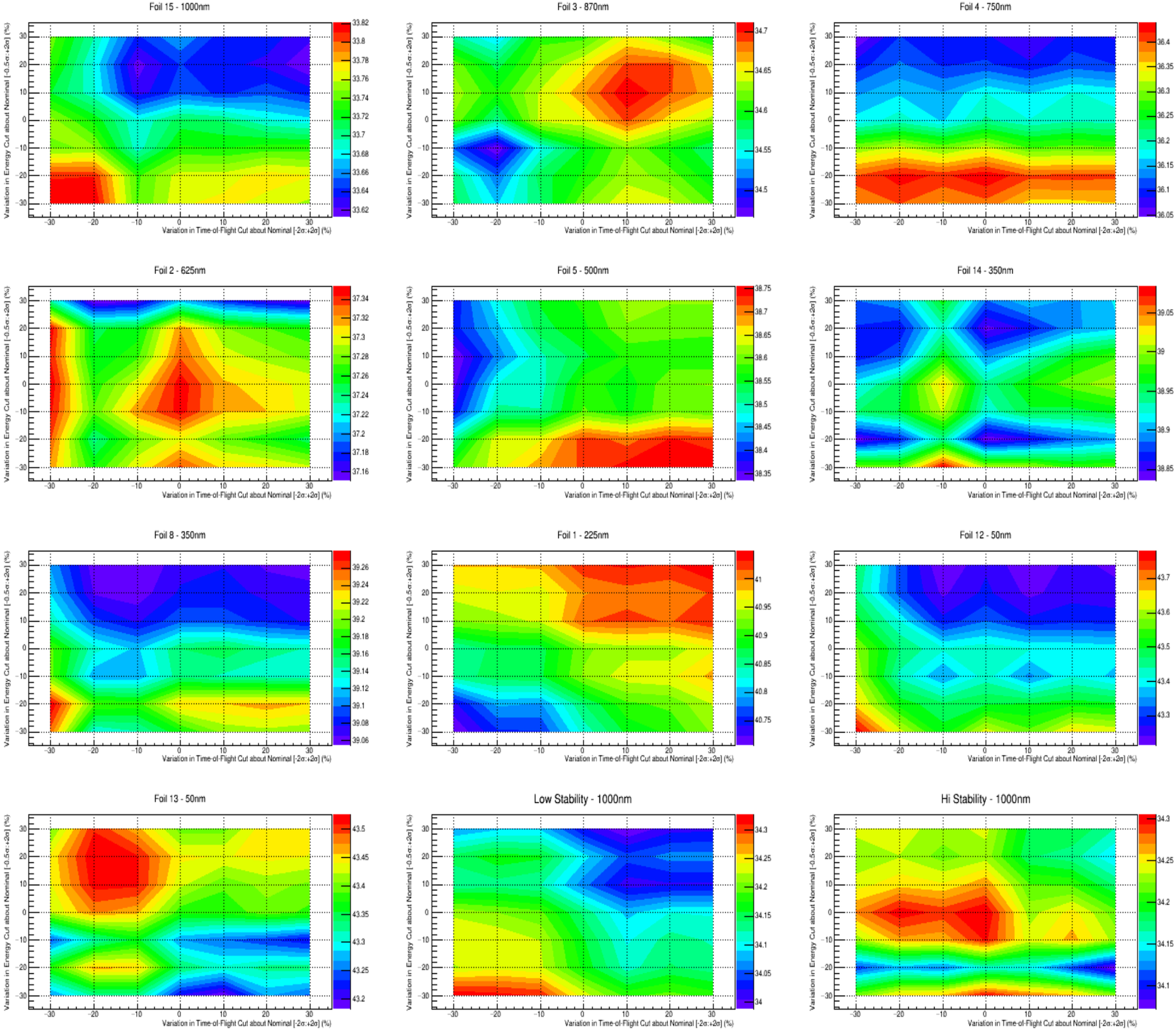
Color plot of A_0 vs Variation from Nominal Cuts



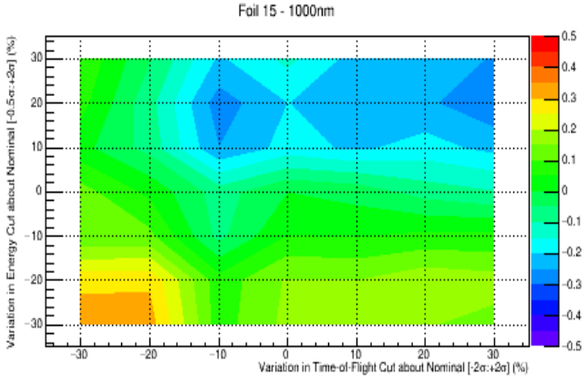


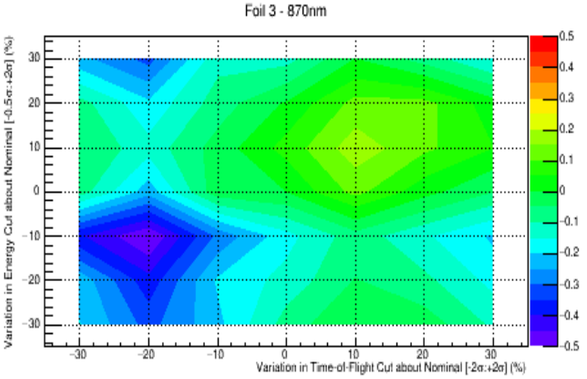


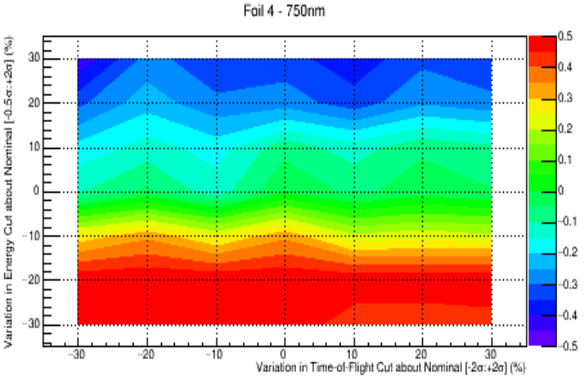
Color Plot ---> Contour Plot

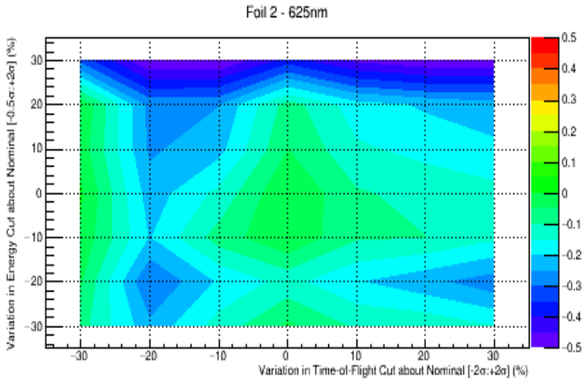


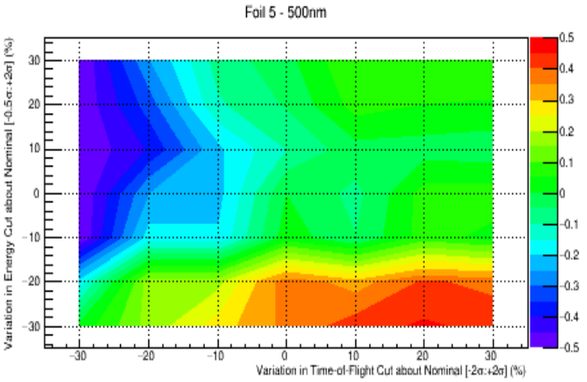
Run I, By Foil Contour Plots of A_0 vs Variation From Nominal Cuts
No Normalization

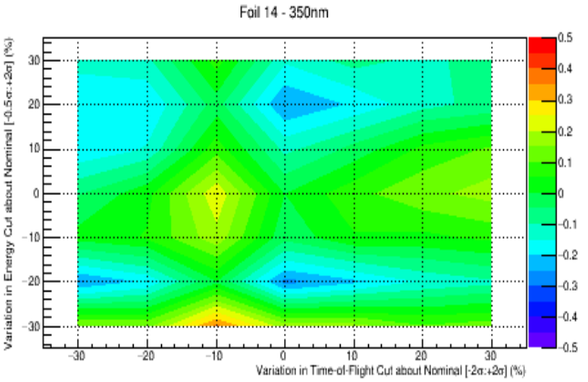


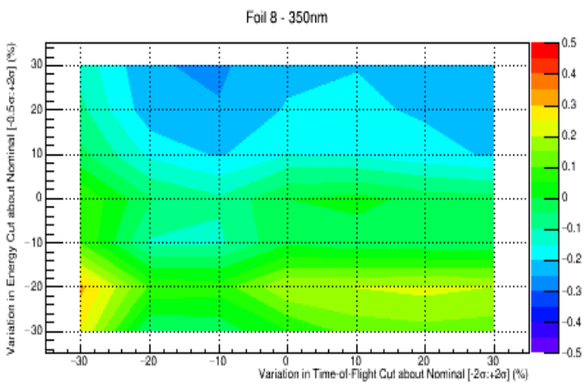


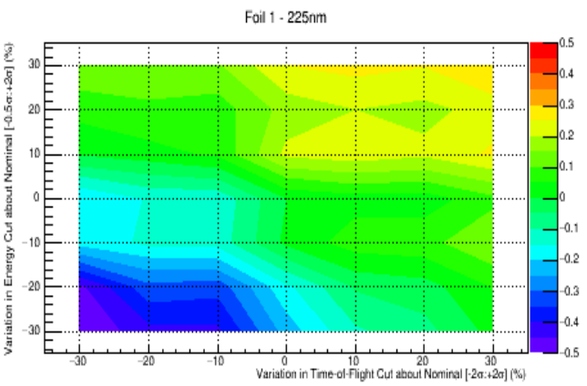


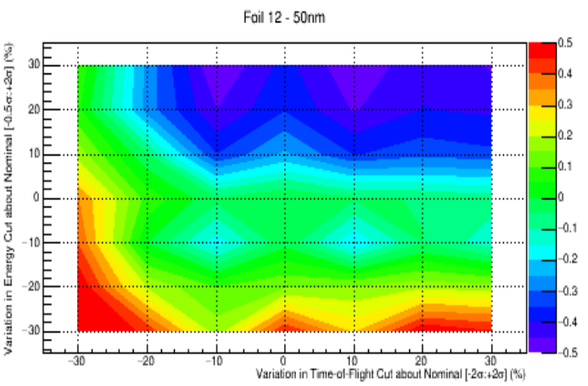


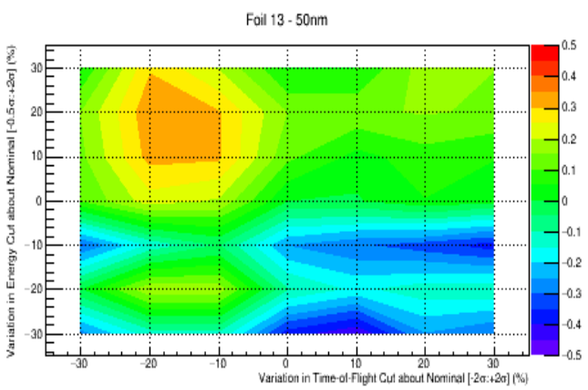


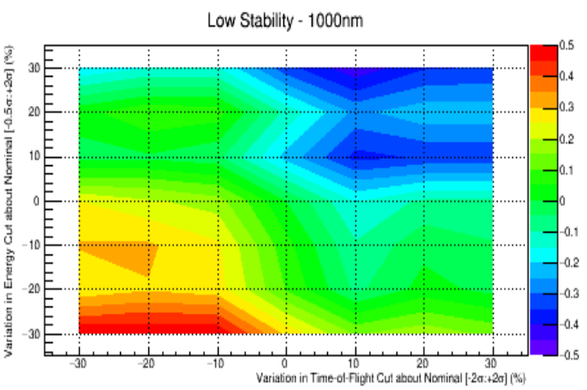


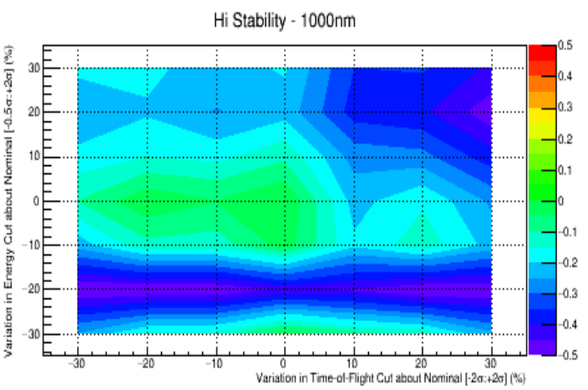












$$A_{new} = (A_{old} - A_{nom}) / A_{nom}$$