Bibliography

1. G. G. Ohlsen, Jr. and P. W. Keaton,"Techniques For Measurement of Spin-1/2 and Spin-1 Polarization Analyzing Tensors ", Nucl. Instrum. Meth. **109**, 41 (1973)
2. M.L.Stutzman, D.Moser and T.J.Gay, "Extrapolation of Asymmetry Data to Determine Ao ", JLAB-TN-17-010
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Appendix

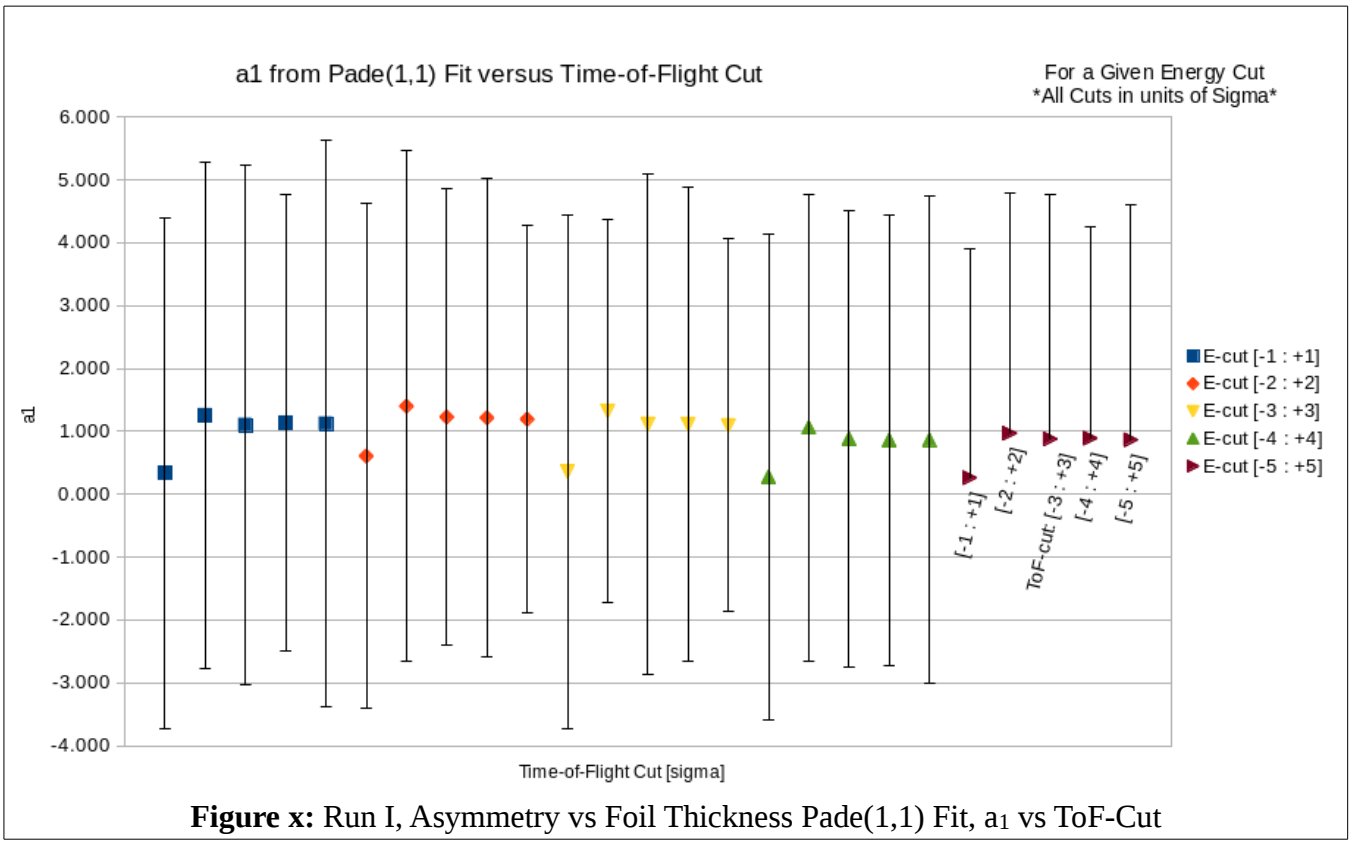

Figure x: Run I, Asymmetry vs Foil Thickness Pade(1,1) Fit, a_1 vs ToF-Cut

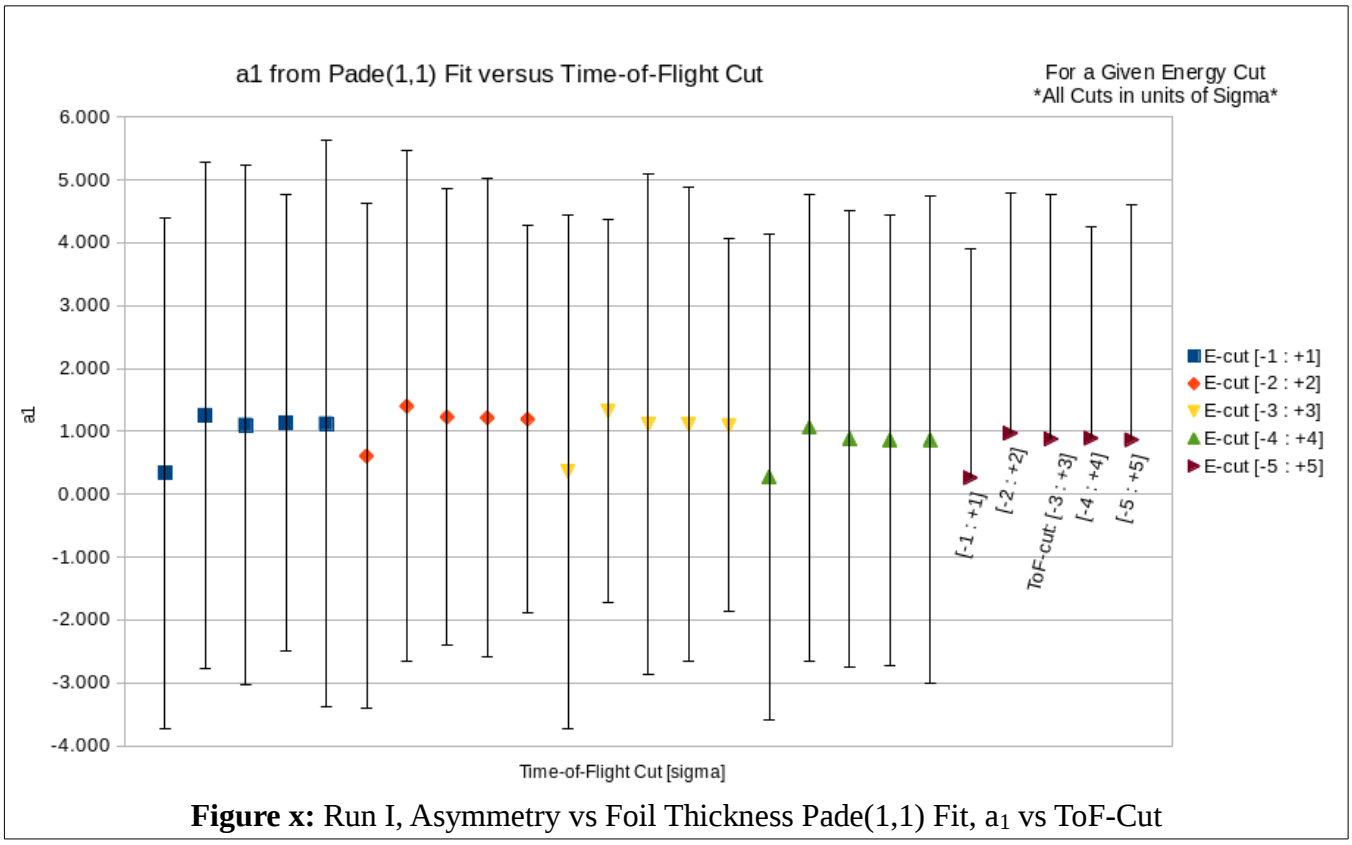

Figure x: Run I, Asymmetry vs Foil Thickness Pade(1,1) Fit, a_1 vs ToF-Cut

±1 to ±5 in ToF-cut range sequentially from left to right for a given Energy cut, omission of energy cut

±5 negative error bars.

a_1 exhibits a very similar dependence to choice of ToF-cut range as A_0. The ToF-cut range ±1 sigma has a slightly less than all other choices of ToF-cut range, but still within the error bars of all other choices. Otherwise, choice of ToF-cut range does not affect parameter a_1 and its large uncertainty.

a_2 also exhibits a very similar depedence to choice of ToF-cut range as A_0. All values are within one another's uncertainty for a given Energy cut, and ToF-cut range ±1 sigma is slightly less than all other choices. Appendix ## is a table of all Pade(1,1) fit parameters versus ToF-cut.

Run I Asymmetry vs Thickness, Pade(1,1) Fit Parameters									
Energy Cut [E-fit sigma]	ToF Cut [ToF-fit sigma]	A_0	$d(A_0)$	a_1	$d(a_1)$	a_2	$d(a_2)$	Chi^2/NDF	Probability
[-1 : +1]	[-1 : +1]	44.03	0.13	0.335	4.072	0.332	0.117	0.803	0.613
[-1 : +1]	[-2 : +2]	44.13	0.12	1.257	4.021	0.362	0.115	1.056	0.392
[-1 : +1]	[-3 : +3]	44.14	0.12	1.101	4.132	0.358	0.118	1.027	0.415
[-1 : +1]	[-4 : +4]	44.14	0.12	1.137	3.640	0.359	0.104	1.031	0.412
[-1 : +1]	[-5 : +5]	44.14	0.13	1.121	4.510	0.359	0.129	1.031	0.412
[-2 : +2]	[-1 : +1]	44.00	0.12	0.608	4.013	0.342	0.115	0.700	0.710
[-2 : +2]	[-2 : +2]	44.04	0.11	1.400	4.059	0.366	0.116	1.035	0.409
[-2 : +2]	[-3 : +3]	44.04	0.11	1.229	3.625	0.362	0.104	1.006	0.432
[-2 : +2]	[-4 : +4]	44.04	0.11	1.217	3.809	0.362	0.109	1.007	0.431
[-2 : +2]	[-5 : +5]	44.04	0.10	1.194	3.083	0.361	0.088	1.011	0.429
[-3 : +3]	[-1 : +1]	43.93	0.12	0.364	4.084	0.337	0.117	0.624	0.777
[-3 : +3]	[-2 : +2]	43.97	0.10	1.326	3.055	0.366	0.087	0.988	0.447
[-3 : +3]	[-3 : +3]	43.96	0.11	1.119	3.980	0.361	0.114	0.970	0.463
[-3 : +3]	[-4 : +4]	43.96	0.11	1.116	3.776	0.361	0.108	0.975	0.459
[-3 : +3]	[-5 : +5]	43.96	0.10	1.096	2.966	0.360	0.085	0.976	0.458
[-4 : +4]	[-1 : +1]	43.82	0.12	0.275	3.859	0.335	0.111	0.619	0.782
[-4 : +4]	[-2 : +2]	43.84	0.10	1.059	3.709	0.358	0.106	0.923	0.503
[-4 : +4]	[-3 : +3]	43.83	0.10	0.881	3.639	0.354	0.104	0.879	0.543
[-4 : +4]	[-4 : +4]	43.83	0.10	0.860	3.579	0.354	0.103	0.883	0.539
[-4 : +4]	[-5 : +5]	43.83	0.11	0.864	3.875	0.354	0.111	0.887	0.536
[-5 : +5]	[-1 : +1]	43.72	0.11	0.264	3.637	0.335	0.105	0.656	0.750
[-5 : +5]	[-2 : +2]	43.73	0.11	0.971	3.822	0.357	0.110	0.999	0.438
[-5 : +5]	[-3 : +3]	43.72	0.11	0.881	3.895	0.355	0.112	0.965	0.466
[-5 : +5]	[-4 : +4]	43.72	0.10	0.892	3.371	0.355	0.097	0.978	0.456
[-5 : +5]	[-5 : +5]	43.71	0.10	0.867	3.735	0.354	0.107	0.980	0.454
[-0.5 : +2]	[-1 : +1]	44.06	0.13	0.986	3.917	0.343	0.112	0.790	0.626
[-0.5 : +2]	[-2 : +2]	44.11	0.12	1.428	3.808	0.357	0.108	1.066	0.384
[-0.5 : +2]	[-3 : +3]	44.11	0.12	1.263	3.905	0.353	0.111	1.026	0.416
[-0.5 : +2]	[-4 : +4]	44.11	0.12	1.266	3.772	0.353	0.107	1.027	0.415
[-0.5 : +2]	[-5 : +5]	44.11	0.12	1.270	3.928	0.353	0.112	1.027	0.415

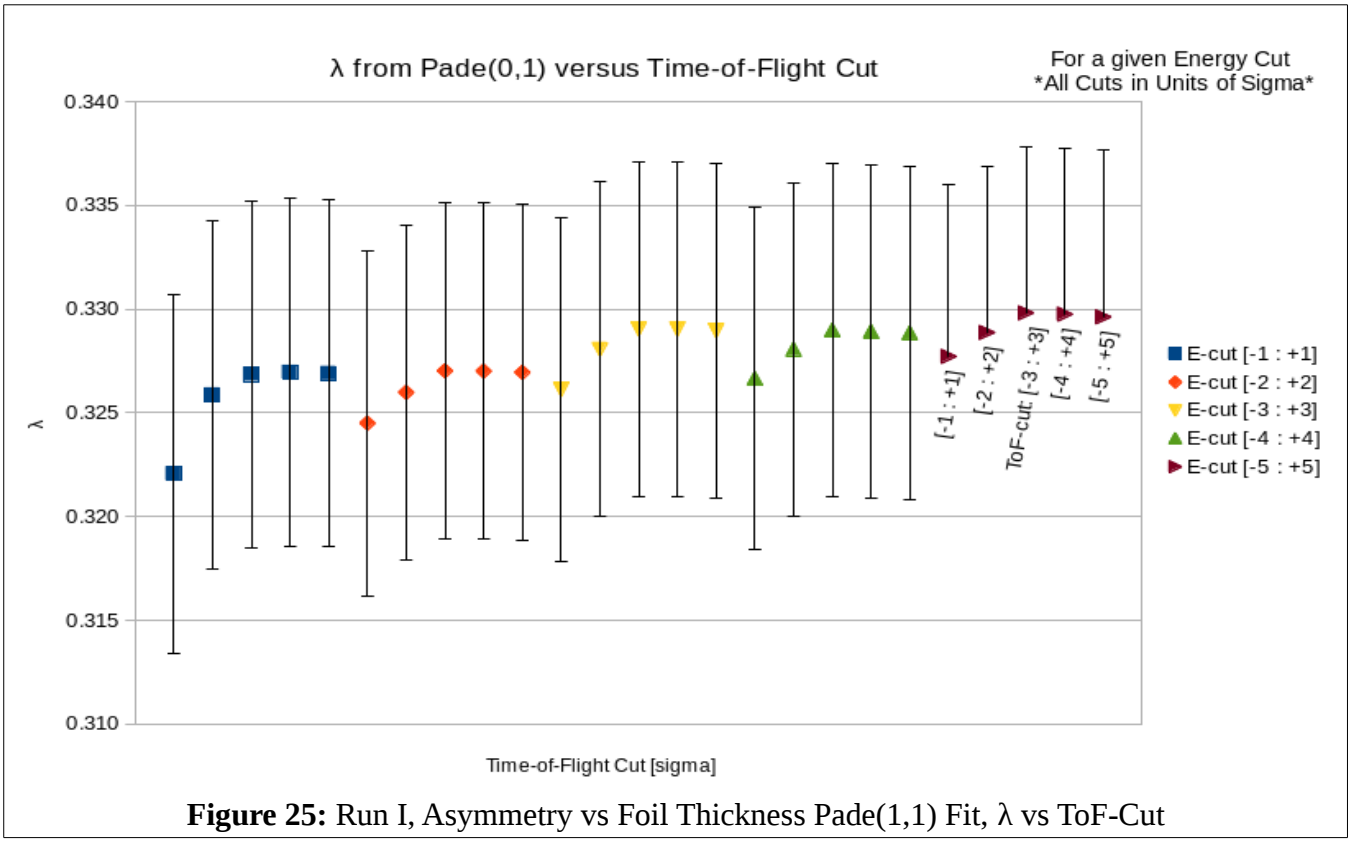

Figure 25: Run I, Asymmetry vs Foil Thickness Pade(1,1) Fit, λ vs ToF-Cut

Run I Asymmetry vs Thickness Pade(0,1) Fit Parameters							
Energy Cut [E-fit sigma]	**ToF Cut [ToF-fit sigma]**	**A_0**	**$d(A_0)$**	**λ**	**d(λ)**	**Chi^2/NDF**	**Probability**
[-1 : +1]	[-1 : +1]	44.03	0.10	0.322	0.009	0.724	0.703
[-1 : +1]	[-2 : +2]	44.11	0.09	0.326	0.008	0.961	0.475
[-1 : +1]	[-3 : +3]	44.11	0.09	0.327	0.008	0.932	0.502
[-1 : +1]	[-4 : +4]	44.12	0.09	0.327	0.008	0.936	0.498
[-1 : +1]	[-5 : +5]	44.11	0.09	0.327	0.008	0.937	0.498
[-2 : +2]	[-1 : +1]	43.99	0.09	0.325	0.008	0.632	0.788
[-2 : +2]	[-2 : +2]	44.02	0.08	0.326	0.008	0.945	0.490
[-2 : +2]	[-3 : +3]	44.02	0.08	0.327	0.008	0.917	0.516
[-2 : +2]	[-4 : +4]	44.02	0.08	0.327	0.008	0.917	0.516
[-2 : +2]	[-5 : +5]	44.01	0.08	0.327	0.008	0.920	0.513
[-3 : +3]	[-1 : +1]	43.93	0.09	0.326	0.008	0.563	0.846
[-3 : +3]	[-2 : +2]	43.95	0.08	0.328	0.008	0.902	0.530
[-3 : +3]	[-3 : +3]	43.95	0.08	0.329	0.008	0.882	0.549
[-3 : +3]	[-4 : +4]	43.94	0.08	0.329	0.008	0.886	0.545
[-3 : +3]	[-5 : +5]	43.94	0.08	0.329	0.008	0.887	0.544
[-4 : +4]	[-1 : +1]	43.81	0.09	0.327	0.008	0.558	0.849
[-4 : +4]	[-2 : +2]	43.82	0.08	0.328	0.008	0.839	0.590
[-4 : +4]	[-3 : +3]	43.82	0.08	0.329	0.008	0.797	0.632
[-4 : +4]	[-4 : +4]	43.82	0.08	0.329	0.008	0.801	0.628
[-4 : +4]	[-5 : +5]	43.81	0.08	0.329	0.008	0.804	0.625
[-5 : +5]	[-1 : +1]	43.71	0.09	0.328	0.008	0.591	0.823
[-5 : +5]	[-2 : +2]	43.71	0.08	0.329	0.008	0.906	0.526
[-5 : +5]	[-3 : +3]	43.71	0.08	0.330	0.008	0.875	0.556
[-5 : +5]	[-4 : +4]	43.70	0.08	0.330	0.008	0.886	0.545
[-5 : +5]	[-5 : +5]	43.70	0.08	0.330	0.008	0.888	0.544
[-0.5 : +2]	[-1 : +1]	44.04	0.10	0.315	0.009	0.717	0.709
[-0.5 : +2]	[-2 : +2]	44.08	0.09	0.316	0.008	0.974	0.464
[-0.5 : +2]	[-3 : +3]	44.08	0.09	0.317	0.008	0.934	0.500
[-0.5 : +2]	[-4 : +4]	44.09	0.09	0.317	0.008	0.935	0.499
[-0.5 : +2]	[-5 : +5]	44.08	0.09	0.317	0.008	0.936	0.499