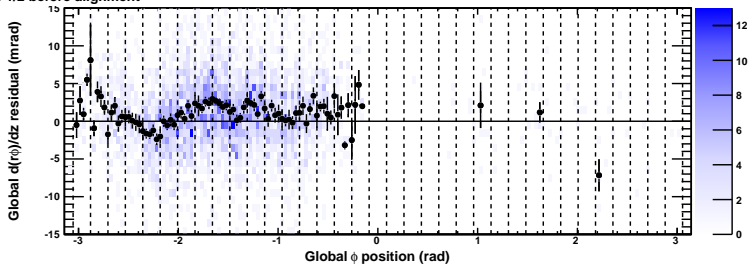
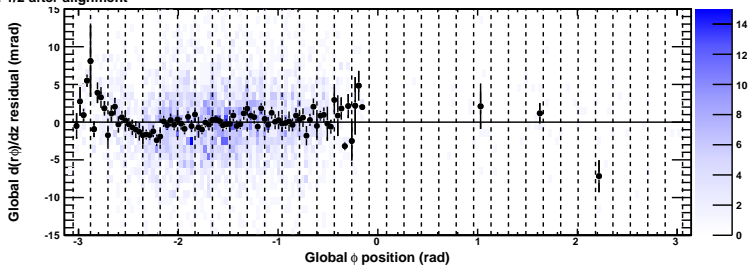


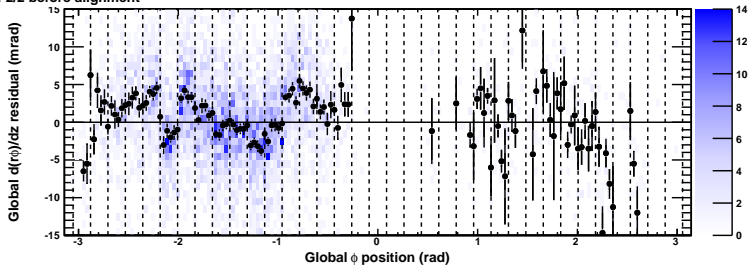
ME-1/2 before alignment



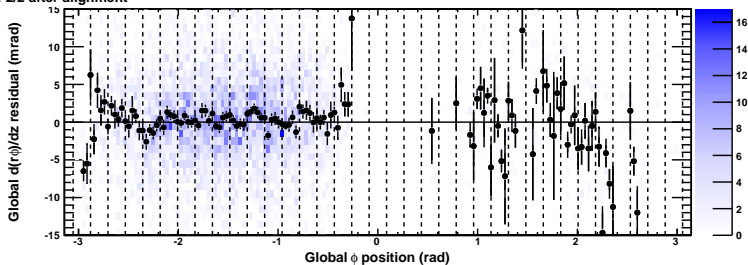
ME-1/2 after alignment



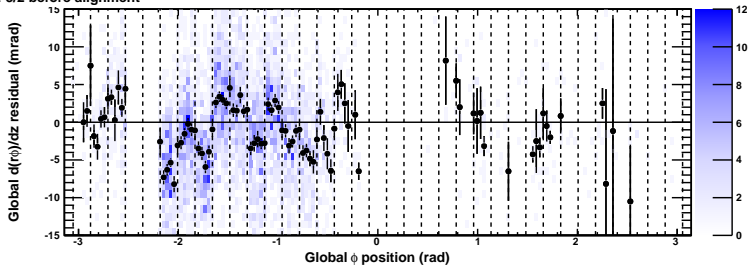
ME-2/2 before alignment



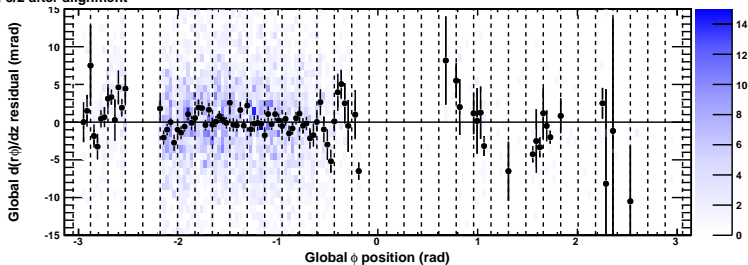
ME-2/2 after alignment



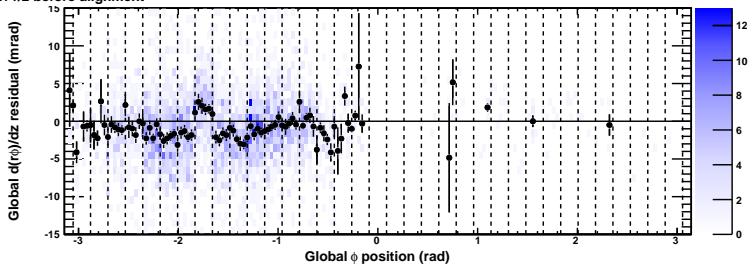
ME-3/2 before alignment



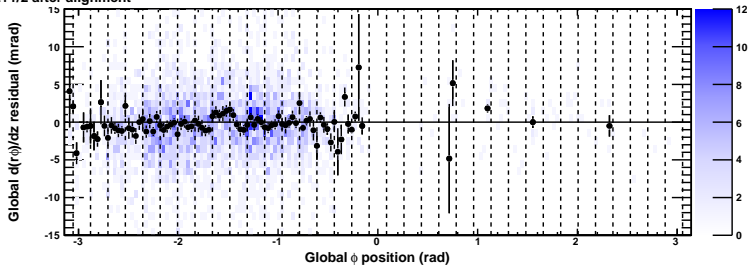
ME-3/2 after alignment



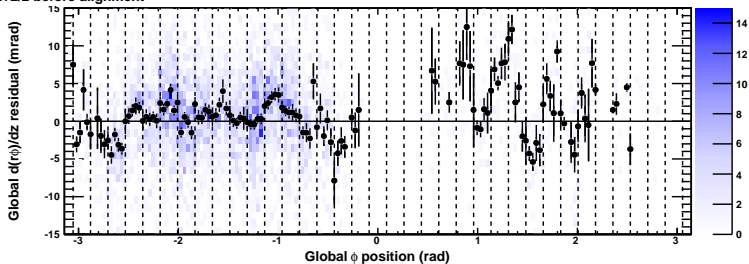
ME+1/2 before alignment



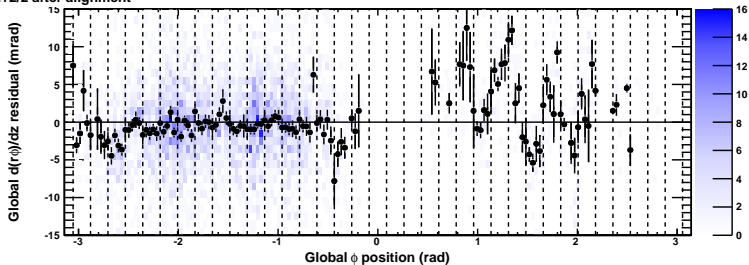
ME+1/2 after alignment



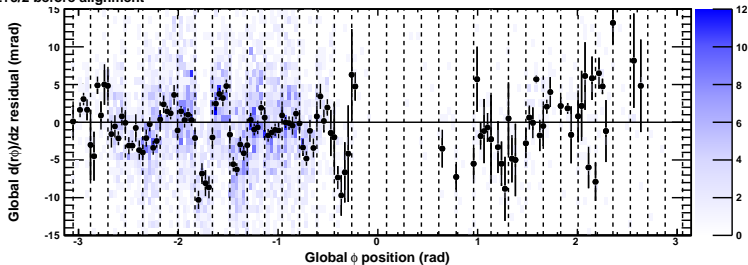
ME+2/2 before alignment



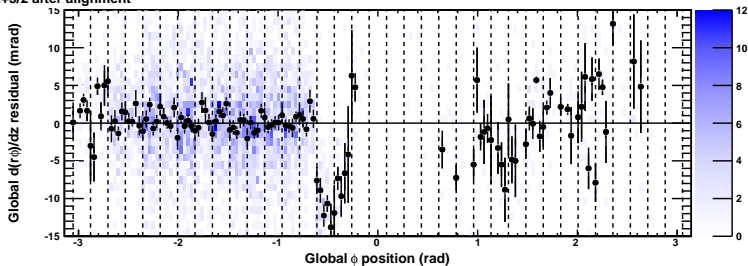
ME+2/2 after alignment



ME+3/2 before alignment



ME+3/2 after alignment



Chamber	Iter 1	Iter 2	Iter 3
ME+1/1, 25	-0.43	0.39	-0.35
ME+1/1, 26	0.81	-0.81	0.81
ME+1/1, 28	-0.23	0.17	-0.13
ME+1/1, 30	-1.00	0.54	-0.29
ME+1/1, 31	1.04	FAIL	FAIL
ME+1/1, 32	-2.05	1.45	FAIL
ME+1/4, 25	-0.43	0.39	-0.35
ME+1/4, 26	0.81	-0.81	0.81
ME+1/4, 28	-0.23	0.17	-0.13
ME+1/4, 30	-1.00	0.54	-0.29
ME+1/4, 31	1.04	FAIL	FAIL
ME+1/4, 32	-2.05	1.45	FAIL
ME+1/2, 24	1.03	0.00	0.00
ME+1/2, 25	1.63	0.00	-0.00
ME+1/2, 26	1.32	0.00	0.00
ME+1/2, 27	-2.73	-0.01	-0.00
ME+1/2, 28	3.32	0.01	-0.00
ME+1/2, 29	2.02	0.01	-0.00
ME+1/2, 30	1.38	0.01	0.00
ME+1/2, 31	0.25	0.00	0.00
ME+1/2, 32	0.28	0.00	0.00
ME+1/2, 33	-0.27	-0.00	-0.00
ME+1/2, 34	1.41	0.01	0.00
ME+1/3, 25	3.74	FAIL	FAIL
ME+1/3, 26	0.51	0.00	0.00
ME+1/3, 30	1.63	0.01	0.00
ME+2/1, 12	-6.25	-0.04	-0.00
ME+2/1, 13	-1.69	-0.01	-0.00
ME+2/1, 14	1.44	0.01	0.00
ME+2/1, 15	-0.76	-0.01	-0.00
ME+2/2, 23	FAIL	-1.80	-0.01
ME+2/2, 24	-1.63	-0.01	0.00
ME+2/2, 25	-2.83	-0.01	-0.00
ME+2/2, 26	-0.39	-0.00	-0.00

Chamber	Iter 1	Iter 2	Iter 3
ME+2/2, 27	-1.34	-0.00	-0.00
ME+2/2, 28	-1.14	-0.00	-0.00
ME+2/2, 29	-0.97	0.00	-0.00
ME+2/2, 30	-0.48	-0.00	-0.00
ME+2/2, 31	-2.87	-0.01	-0.00
ME+2/2, 32	-2.07	-0.01	0.00
ME+2/2, 33	0.97	FAIL	FAIL
ME+2/2, 34	0.32	-0.00	-0.00
ME+3/1, 12	-0.26	-0.00	-0.00
ME+3/1, 14	0.08	0.00	-0.00
ME+3/2, 22	-0.78	-0.00	-0.00
ME+3/2, 23	-3.35	-0.02	-0.00
ME+3/2, 24	-2.66	-0.01	0.00
ME+3/2, 25	1.47	0.00	0.00
ME+3/2, 26	0.68	0.00	0.00
ME+3/2, 27	-9.61	-0.03	0.00
ME+3/2, 28	2.19	0.01	0.00
ME+3/2, 29	-4.97	-0.01	-0.00
ME+3/2, 30	0.31	0.00	0.00
ME+3/2, 31	-1.14	-0.00	-0.00
ME+3/2, 32	0.30	-0.00	-0.00
ME+3/2, 33	-3.91	FAIL	FAIL
ME+3/2, 34	12.36	-0.03	-0.00
ME+4/1, 14	0.46	0.00	FAIL
ME-1/1, 25	2.92	-1.79	1.12
ME-1/1, 27	-0.47	0.30	-0.20
ME-1/1, 28	1.14	-0.82	0.59
ME-1/1, 29	-0.81	0.80	-0.79
ME-1/1, 30	FAIL	FAIL	4.98
ME-1/1, 33	FAIL	0.88	-1.19
ME-1/4, 25	2.92	-1.79	1.12
ME-1/4, 27	-0.47	0.30	-0.20
ME-1/4, 28	1.14	-0.82	0.59
ME-1/4, 29	-0.81	0.80	-0.79

Chamber	Iter 1	Iter 2	Iter 3
ME-1/4, 30	FAIL	FAIL	4.98
ME-1/4, 33	FAIL	0.88	-1.19
ME-1/2, 23	0.80	0.00	0.00
ME-1/2, 25	-0.11	-0.00	-0.00
ME-1/2, 26	1.23	0.00	0.00
ME-1/2, 27	2.63	0.01	0.00
ME-1/2, 28	2.32	0.01	-0.00
ME-1/2, 29	0.68	0.00	0.00
ME-1/2, 30	1.50	FAIL	FAIL
ME-1/2, 31	0.75	0.00	0.00
ME-1/2, 32	0.21	0.00	0.00
ME-1/2, 33	1.35	0.01	-0.00
ME-1/2, 34	1.10	0.01	0.00
ME-1/3, 23	0.43	-0.00	0.00
ME-1/3, 24	-0.84	0.00	0.00
ME-1/3, 25	0.88	0.00	0.00
ME-1/3, 26	0.75	0.00	0.00
ME-1/3, 27	2.35	0.01	0.00
ME-1/3, 28	0.47	0.00	-0.00
ME-1/3, 30	0.04	0.00	0.00
ME-1/3, 31	-2.78	-0.01	-0.00
ME-1/3, 32	-0.29	FAIL	FAIL
ME-2/1, 12	-0.10	-0.00	-0.00
ME-2/1, 13	3.02	0.03	0.00
ME-2/1, 14	-2.93	-0.02	0.00
ME-2/1, 15	-1.04	-0.00	-0.00
ME-2/2, 23	3.01	0.01	0.00
ME-2/2, 24	5.11	0.02	-0.00
ME-2/2, 25	-2.86	-0.01	0.00
ME-2/2, 26	3.30	0.01	-0.00
ME-2/2, 27	0.67	0.02	-0.02
ME-2/2, 28	-1.06	-0.00	0.00
ME-2/2, 29	-0.52	-0.00	-0.00
ME-2/2, 30	-4.44	-0.00	-0.00

Chamber	Iter 1	Iter 2	Iter 3
ME-2/2, 31	-0.81	-0.00	-0.00
ME-2/2, 32	3.81	0.01	0.00
ME-2/2, 33	3.05	0.01	0.00
ME-2/2, 34	1.34	0.00	0.00
ME-3/1, 13	0.70	0.01	0.00
ME-3/1, 14	2.00	0.02	-0.00
ME-3/1, 15	-4.01	FAIL	FAIL
ME-3/2, 25	5.34	0.02	-0.00
ME-3/2, 26	1.30	0.01	0.00
ME-3/2, 27	5.97	0.01	0.00
ME-3/2, 28	-2.55	-0.01	-0.00
ME-3/2, 29	-1.96	-0.00	-0.00
ME-3/2, 30	2.57	0.01	-0.00
ME-3/2, 31	-1.79	-0.00	-0.00
ME-3/2, 32	1.63	0.01	-0.00
ME-3/2, 33	3.53	0.01	-0.00
ME-3/2, 34	1.21	0.00	0.00
ME-4/1, 14	1.81	0.01	0.00