Sl.	HV file	Run #	Events	Notes
0	run_777_hv.set	11817	587131	
1	run_777_hv_plus10.0mV.set	11819	679598	
2	run_777_hv_minus10.0mV.set	11824	536046	DAQ Crashes (rate went to zero) between 11819 and 11824
3	run_777_hv_plus20.0mV.set	11827	395778	Can add to run 11826 - would have run longer, but DAQ crashed (rate went to zero) for both runs
4	run_777_hv_minus20.0mV.set	11829	531560	11828 Junk (DAQ event-rate crash again)
5	run_777_hv_plus30.0mV.set			Did not proceed beyond this point. See halog 3937328

First round of HV scan was finished. Fitting these data we came up with a new HV settings to align all the peaks at 20mV (hv_updated_sh_ps_20mV_11_5_21.set). Tonight we will start our 2nd round of HV scan basing of off this HV setting.

Sl.	HV file	Run #	Events	BBcal Th. (mV)	Notes
0	hv_updated_sh_ps_20mV_11_5_21.set	11845	785499	-35.5	
1	run_999_hv_plus10.0mV.set	11847	647242	-37.5	
2	run_999_hv_minus10.0mV.set	11849	687059	-33	
3	run_999_hv_plus20.0mV.set	11850	631298	-39	
4	run_999_hv_minus20.0mV.set	11851	616509	-30	
5	run_999_hv_plus40.0mV.set	11852	635433	-44	
6	run_999_hv_minus40.0mV.set	11853	614184	-27	
7	run_999_hv_plus80.0mV.set	11854	~630k	-55	Didn't get a chance to see exactly how many events before Alex took over the DAQ and started another run with GMN1

	Fitting the above runs we got the following HV settings:				
	hv_updated_sh_ps_20mV_11_6_21.set	20	mV		
	hv_updated_sh_ps_25mV_11_6_21.set	25	mV	AKA	run_25_hv.set
	hv_updated_sh_ps_15mV_11_6_21.set	15	mV	AKA	run_15_hv.set

8	run_999_hv_minus80.0mV.set	11868	803000	-22	
9	run_999_hv_plus60.0mV.set				
10	run_999_hv_minus60.0mV.set	11888	747487	-23	
11	run_999_hv_plus100.0mV.set				
12	run_999_hv_minus100.0mV.set	11886	755858	-18.8	

Starting BBCal HV scan around 25mV.

Sl.	HV file	Run #	Events	BBcal Th. (mV)	Notes
0	run_25_hv.set	11870	631623	-45	
1	run_25_hv_plus10.0mV.set	11874	630536	-48.2	
2	run_25_hv_minus10.0mV.set	11875	687197	-42	
3	run_25_hv_plus20.0mV.set	11876	610916	-50	
4	run_25_hv_minus20.0mV.set	11877	610668	-39	

Starting BBCal HV scan around 15mV.

Sl.	HV file	Run #	Events	BBcal Th. (mV)	Notes
0	run_15_hv.set	11878	670692	-25	
1	run_15_hv_plus10.0mV.set	11879	652342	-27	

		HV file	Run #	Events	BBcal Th. (mV)	Notes
	2	run_15_hv_minus10.0mV.set	11883	698842	-24.5	DAQ froze at 5:30AM, could not recover. Posted halog (https://logbooks.jlab.org/entry/3938274) and in slack. Waiting on reply.
	3	run_15_hv_plus20.0mV.set	11884	632465	-27.8	
	4	run_15_hv_minus20.0mV.set	11885	635488	-21.8	
		Determining the best set of alphas.				
Sl.		**HV file**	**Run #**	**Events**	**BBcal Th. (mV)**	**Notes**
	0	test_run_11817_hv_tweaked_alpha_11845_11886_15.0mV.set	11889	749687	-23.5	
	1	test_run_11817_hv_tweaked_alpha_11878_11885_15.0mV.set	11890	650000	-23.5	No hodo HV on (disabled 1/2 through run)