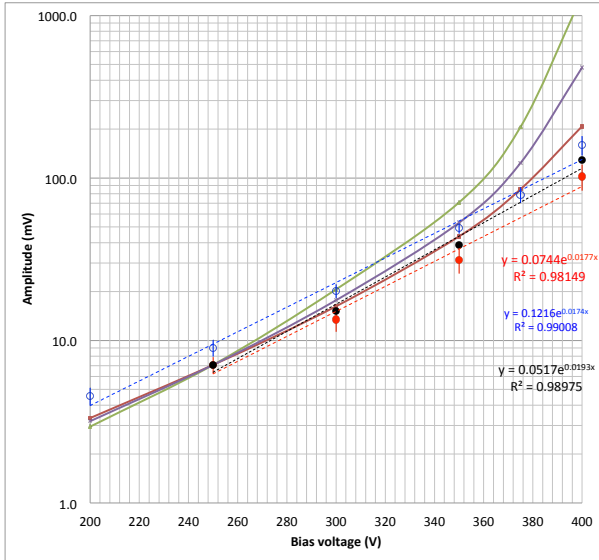


α in NaI	photons	total photons	acceptance APD(s8664)		photons	quantum efficiency	electrons	charge	att. by 80+10pF	charge / 1pF
MeV	/MeV		distance: mm	η	in APD	by Catalog	in APD	1.6E-19/e	by Ltsipce	mV
5.5	40000	220000	3.5	0.162	35747	0.7	25023	4.004E-15	0.6	2.40

Bias Voltage	Amplitude:1st meas.					APD (s8664)										Amplitude:2nd meas.				Amplitude: Shaper x 10			Preamp/shaper
	Ave. mV	Ave. scaled at 200V	rms mV	rms/Ave	gain@20°C	Scaled gain at 200V @20°C	gain@40°C	Scaled gain at 200V @40°C	gain@60°C	Scaled gain at 200V @60°C	Scaled to 2nd Preamp @20°C	Scaled to 2nd Preamp @40°C	Scaled to 2nd Preamp @60°C	Ave. mV	Scaled to 1st Preamp.	rms mV	rms/Ave	Ave. mV	Scaled to 2nd Preamp.	rms mV	rms/Ave		
400	159.5	35.1	21.9	0.14	900.0	450.0	270.0	150.0	100	62.5	1327.5	477.9	208.2	102.4	28.9	18.8	0.18	2590	128.6	583.9	0.23	25.3	
375	79.0	17.4	8.9	0.11	140.0	70.0	70.0	38.9	41	25.6	206.5	123.9	85.4										
350	49.1	10.8	3.6	0.07	48.0	24.0	30.0	16.7	21	13.1	70.8	53.1	43.7	31.3	8.8	5.5	0.18	784	38.9	130.0	0.17	25.0	
300	20.2	4.4	2.0	0.10	14.0	7.0	10.0	5.6	7.8	4.9	20.7	17.7	16.2	13.5	3.8	2.2	0.16	305	15.1	76.2	0.25	22.6	
250	9.02	2.0	1.1	0.12	4.8	2.4	4.0	2.2	3.4	2.1	7.1	7.1	7.1	7.1	2.0	0.8	0.12	143	7.1	29.2	0.20	20.2	
200	4.54	1.0	0.6	0.13	2.0	1.0	1.8	1.0	1.6	1.0	3.0	3.2	3.3										
										for gain=1		1.5	1.8	2.1	:2nd meas.								
												2.3	2.5	2.8	:1st meas.								



■ 増倍率－逆電圧

