

Segment nr	Number of photoelectrons per MeV			Number of photoelectrons per MeV in % (values relative to the average for the HEX segments nr 0-44; pentagon values scaled with the volume ratio HEX/PENT)			Number of photoelectrons per MeV changes in % since previous measurement	
	Spring 2005	Jan 2009	24 Jan 2012	Spring 2005	Jan 2009	24 Jan 2012	2005 to 2009	2009 to 2012
0	604	466	417	85	79	81	-22.8	-10.4
1	550	456	432	77	78	84	-17.1	-5.2
2	618	461	460	87	78	89	-25.4	-0.2
3	764	538	497	108	91	96	-29.6	-7.7
4	881	631	624	124	107	121	-28.4	-1.1
5	756	552	533	106	94	103	-27.0	-3.5
6	806	562	528	113	96	102	-30.3	-6.1
7	896	707	647	126	120	125	-21.1	-8.4
8	726	507	334	102	86	65	-30.2	-34.2
9	781	601	542	110	102	105	-23.0	-9.7
10	798	670	618	112	114	120	-16.0	-7.7
11	884	739	654	124	126	127	-16.4	-11.5
12	696	493	478	98	84	92	-29.2	-3.1
13	826	630	579	116	107	112	-23.7	-8.1
14	770	538	454	108	91	88	-30.1	-15.6
15	633	551	489	89	94	95	-13.0	-11.3
16	567	573	500	80	97	97	1.1	-12.7
17	689	737	593	97	125	115	7.0	-19.5
18	866	715	603	122	122	117	-17.4	-15.6
19	826	699	640	116	119	124	-15.4	-8.4
20	707	611	514	100	104	99	-13.6	-15.9
21	843	818	636	119	139	123	-3.0	-22.3
22	889	758	668	125	129	129	-14.7	-11.9
23	727	556	444	102	95	86	-23.5	-20.2
24	702	458	417	99	78	81	-34.8	-9.0
25	761	644	490	107	109	95	-15.4	-23.9
26	744	653	489	105	111	95	-12.2	-25.1
27	370	658	473	52	112	91	77.8	-28.1
28	835	-	593	118	-	115	-	-
29	688	651	590	97	111	114	-5.4	-9.3
30	779	581	472	110	99	91	-25.4	-18.8
31	739	575	566	104	98	109	-22.2	-1.5
32	761	519	483	107	88	93	-31.8	-6.9
33	604	297	118	85	50	23	-50.8	-60.3
34	686	555	534	97	94	103	-19.1	-3.8
35	607	519	493	85	88	95	-14.5	-5.0
36	619	589	637	87	100	123	-4.8	8.2
37	654	582	450	92	99	87	-11.0	-22.7
38	566	471	466	80	80	90	-16.8	-1.0
39	761	619	599	107	105	116	-18.7	-3.2
40	811	727	722	114	124	140	-10.4	-0.7
41	610	621	519	86	106	100	1.8	-16.4
42	670	643	582	94	109	112	-4.0	-9.6
43	634	743	577	89	126	112	17.2	-22.3
44	252	206	111	35	35	21	-18.3	-46.0
45	409	204	270	174	105	158	-50.1	32.3
46	378	213	228	161	109	133	-43.7	7.2
47	575	183	226	244	94	132	-68.2	23.6
48	465	206	221	198	106	129	-55.7	7.4
49	416	259	270	177	133	158	-37.7	4.2
Average	684.0	549.9	489.6	109.1	101.0	104.2	-19.1	-10.2
Std dev	147.7	159.8	140.5	33.8	19.5	25.6	21.1	15.0
Max	896	818	722	244	139	158	78	32
Min	252	183	111	35	35	21	-68	-60
Hex volume	3.23							
Pent volume	1.07							

