

**Table 1:**

**14.7 meV neutron  
Monochromator PG002 Mosaic 35'**

**Transverse Bragg Widths (FWHM units  $0.0001 \text{ \AA}^{-1}$ )**

Q( $\text{\AA}^{-1}$ )	PG002 35' mosaic 40-40-40-40	PG002 35' mosaic 40-10-10-40	PG002 35' mosaic 10-40-10-40	PG002 35' mosaic 10-10-10-40	PG002 35' mosaic 10-10-10-10	Ge220 1' mosaic 40-40-40-40	Ge220 1' mosaic 10-10-10-10
1	45	19	30	18	15	36	11
1.5	68	29	52	27	22	51	15
2.0	91	39	73	34	29	60	17
2.5	113	49	77	42	36	51	16
3.0	136	58	76	49	44	18	13
3.5	159	68	78	58	51	38	17
4.0	181	78	83	66	58	80	27
4.5	204	88	90	75	65	115	38
5.0	227	97	98	84	73	146	48
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>

**Longitudinal Bragg Widths (FWHM units  $0.0001 \text{ \AA}^{-1}$ )**

Q( $\text{\AA}^{-1}$ )	PG002 35' mosaic 40-40-40-40	PG002 35' mosaic 40-10-10-40	PG002 35' mosaic 10-40-10-40	PG002 35' mosaic 10-10-10-40	PG002 35' mosaic 10-10-10-10	Ge220 1' mosaic 40-40-40-40	Ge220 1' mosaic 10-10-10-10
1.0	280	120	113	87	83	247	66
1.5	240	152	101	83	75	196	53
2.0	225	193	95	86	71	141	40
2.5	241	238	99	96	73	83	27
3.0	288	286	111	111	82	25	17
3.5	358	335	132	131	96	53	22
4.0	444	386	158	154	115	127	37
4.5	545	438	192	180	139	213	58
5.0	673	493	234	212	169	321	86
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>

**Table 2:**

**14.7 meV neutron  
Monochromator PG002 Mosaic 35'  
Analyser GeHHL Mosaic 1'**

**Longitudinal Bragg Widths (FWHM units  $0.0001 \text{ \AA}^{-1}$ )**

$Q(\text{\AA}^{-1})$	Ge111 10-10-10-10	Ge220 10-10-10-10	Ge311 10-10-10-10	Ge004 10-10-10-10	Ge220 10-10-10-40	Ge220 40-10-10-40	Ge220 10-40-10-40
1.4	30	56	66	69	65	65	89
1.6	24	50	58	67	59	59	80
1.8	20	45	53	62	52	52	71
2.0	20	40	49	59	46	46	62
2.2	23	34	44	55	39	39	52
2.4	28	29	40	52	33	21	43
2.6	36	24	35	48	26	26	34
2.8	44	20	30	44	21	21	25
3.0	52	17	25	40	18	18	19
3.2	62	17	21	36	18	18	18
3.4	71	20	17	32	22	22	23
3.6	81	24	15	27	28	29	33
3.8	91	30	16	23	36	36	44
4.0	102	37	19	18	45	45	56
4.2	113	45	24	14	55	55	70
4.4	124	54	31	12	65	66	84
4.6	136	63	39	13	77	77	100
	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>