Table 43A-12-001. $K_2Cd_2(SO_4)_3$ (2% Co doped). Fractional atomic coordinates [89Per]. Parameter: *T*.

Atom	Parameter	440 K	540 K	640 K
K(1)	*x*	0.8146(2)	0.8146(2)	0.8148(3)
K(2)	*x*	0.0520(2)	0.0518(2)	0.0516(4)
Cd(1)	*x*	0.32984(5)	0.3303(1)	0.3305(1)
Cd(2)	*x*	0.58701(5)	0.5872(1)	0.5876(1)
S(1)	*x*	0.3752(2)	0.3752(2)	0.3749(2)
	y	0.2266(2)	0.2264(2)	0.2263(2)
	z	0.0117(1)	0.0119(2)	0.0121(2)
O(1)	*x*	0.0962(7)	0.0962(7)	0.0978(10)
	y	0.0064(11)	0.0088(11)	0.0080(15)
	z	0.3244(8)	0.3242(9)	0.3260(11)
O(2)	*x*	0.2811(8)	0.2816(8)	0.2865(12)
	y	0.3180(8)	0.3176(7)	0.3171(11)
	z	0.9602(10)	0.9608(10)	0.9583(15)
O(3)	*x*	0.4175(10)	0.4160(10)	0.4170(14)
	y	0.2602(11)	0.2600(11)	0.2632(14)
	z	0.1431(7)	0.1437(8)	0.1412(11)
O(4)	*x*	0.9311(9)	0.9322(9)	0.9335(12)
	y	0.4891(10)	0.4890(10)	0.4878(13)
	z	0.2394(12)	0.2394(11)	0.2434(14)

Table 43A-12-002. $K_2Cd_2(SO_4)_3$ (2% Co doped). Temperature parameters [89Per]. Parameter: *T*. U_{ij} [Å^2] is defined by Eq. (d) in Introduction.

Atom	Parameter	440 K	540 K	640 K
K(1)	U_{11}	0.0405(7)	0.0480(8)	0.0528(13)
	U_{23}	–0.0022(7)	–0.0017(9)	–0.0014(13)
K(2)	U_{11}	0.0432(8)	0.0514(10)	0.0576(15)
	U_{23}	0.0008(8)	0.0014(10)	0.0020(15)
Cd(1)	U_{11}	0.0277(2)	0.0299(2)	0.0322(3)
	U_{23}	–0.0040(2)	–0.0031(2)	–0.0027(3)
Cd(2)	U_{11}	0.0236(2)	0.0278(2)	0.0311(3)
	U_{23}	–0.0010(2)	–0.0012(2)	–0.0016(3)
S(1)	U_{11}	0.0185(6)	0.0216(7)	0.0239(10)
	U_{22}	0.0189(7)	0.0218(8)	0.0242(12)
	U_{33}	0.0183(7)	0.0207(7)	0.0229(11)
	U_{23}	0.0008(5)	0.0003(6)	0.0000(9)
	U_{13}	0.0018(5)	0.0019(5)	0.0018(8)
	U_{12}	0.0040(5)	0.0042(5)	0.0047(8)
O(1)	U_{11}	0.0263(31)	0.0257(34)	0.0301(49)
	U_{22}	0.1168(76)	0.1202(79)	0.1184(108)
	U_{33}	0.0647(46)	0.0763(54)	0.0715(72)
	U_{23}	–0.0384(50)	–0.0401(54)	–0.0377(73)
	U_{13}	–0.0119(32)	–0.0128(34)	–0.0188(47)
	U_{12}	0.0130(39)	0.0127(42)	0.0153(60)
O(2)	U_{11}	0.0572(52)	0.0589(54)	0.0625(79)
	U_{22}	0.0543(49)	0.0563(51)	0.0592(75)
	U_{33}	0.1137(80)	0.1148(79)	0.1249(118)
	U_{23}	0.0061(47)	0.0041(48)	–0.0010(70)
	U_{13}	–0.0339(48)	–0.0387(49)	–0.0465(72)
	U_{12}	0.0331(40)	0.0304(41)	0.0340(61)
O(3)	U_{11}	0.0790(61)	0.0880(68)	0.0819(88)
	U_{22}	0.1078(72)	0.1040(72)	0.0909(90)
	U_{33}	0.0343(36)	0.0405(41)	0.0460(59)
	U_{23}	–0.0309(41)	–0.0309(41)	–0.0309(55)
	U_{13}	–0.0160(39)	–0.0187(44)	–0.0091(60)
	U_{12}	0.0079(59)	0.0116(62)	0.0052(78)
O(4)	U_{11}	0.0826(70)	0.0773(66)	0.0749(87)
	U_{22}	0.0638(58)	0.0663(61)	0.0638(80)
	U_{33}	0.1433(91)	0.1387(87)	0.1122(100)
	U_{23}	0.0253(60)	0.0283(60)	0.0191(72)
	U_{13}	0.0258(71)	0.0184(68)	0.0061(82)
	U_{12}	0.0615(58)	0.0535(57)	0.0483(74)

Table 43A-12-003. $K_2Cd_2(SO_4)_3$. Atomic coordinates [78Abr]. Five rows given for each atom correspond to the coordinates at 298, 351, 390.5, 417.5 K (phase II) and 443.5 K (phase I).

Atom	*x*	*y*	*z*	Atom	*x*	*y*	*z*
K (1)	0.17012 (9)	0.31356 (10)	0.69223 (10)	O (4)	0.2110 (3)	0.4345 (3)	0.1572 (3)
	0.16941 (20)	0.31319 (21)	0.69278 (24)		0.2104 (7)	0.4344 (7)	0.1567 (7)
	0.17104 (12)	0.31240 (13)	0.69221 (12)		0.2158 (4)	0.4333 (4)	0.1548 (4)
	0.17315 (21)	0.31260 (19)	0.69123 (23)		0.2206 (9)	0.4318 (7)	0.1542 (8)
	0.18522 (37)	0.31478	0.68522		0.2594	0.4178	0.1431
K (2)	0.03815 (10)	0.05562 (12)	0.06101 (10)	O (5)	0.3054 (3)	0.9308 (3)	0.3384 (3)
	0.03830 (24)	0.05571 (27)	0.06070 (26)		0.3042 (8)	0.9315 (7)	0.3391 (8)
	0.03993 (15)	0.05457 (16)	0.06013 (12)		0.3028 (4)	0.9343 (5)	0.3382 (4)
	0.04203 (25)	0.05334 (24)	0.05926 (23)		0.2981 (7)	0.9418 (8)	0.3349 (6)
	0.05282 (39)	0.05282	0.05282		0.2786 (4)	0.9616 (7)	0.3165 (4)
Cd (1)	0.30681 (2)	0.34105 (3)	0.33136 (3)	O (6)	0.3909 (3)	0.1427 (3)	0.2881 (3)
	0.30791 (5)	0.34086 (5)	0.33162 (5)		0.3912 (9)	0.1435 (7)	0.2879 (9)
	0.30957 (3)	0.34058 (3)	0.33177 (3)		0.3937 (6)	0.1445 (5)	0.2843 (5)
	0.31304 (6)	0.33944 (4)	0.33198 (6)		0.3968 (9)	0.1460 (6)	0.2796 (7)
	0.32987 (9)	0.32987	0.32987		0.4178 (6)	0.1431 (4)	0.2594 (7)
Cd (2)	0.39831 (2)	0.09039 (3)	0.92580 (3)	O (7)	0.5176 (3)	0.9550 (3)	0.2517 (4)
	0.39920 (5)	0.08996 (5)	0.92526 (5)		0.5214 (8)	0.9532 (8)	0.2526 (11)
	0.40030 (3)	0.08974 (3)	0.92451 (3)		0.5168 (4)	0.9531 (5)	0.2529 (6)
	0.40262 (6)	0.08920 (5)	0.92298 (5)		0.5129 (8)	0.9499 (8)	0.2476 (9)
	0.41305 (9)	0.08695	0.91305		0.4904	0.9303	0.2423
S (1)	0.21410 (8)	0.37222 (8)	0.02556 (9)	O (8)	0.3284 (4)	0.9881 (4)	0.1161 (3)
	0.21523 (15)	0.37238 (15)	0.02501 (18)		0.3265 (8)	0.9908 (8)	0.1132 (7)
	0.21600 (8)	0.37225 (9)	0.02394 (9)		0.3278 (5)	0.9923 (5)	0.1128 (4)
	0.21810 (17)	0.37313 (15)	0.02209 (18)		0.3245 (8)	0.9941 (8)	0.1122 (6)
	0.22678 (8)	0.37504 (8)	0.01178 (9)		0.3216	0.0053	0.0966
S (2)	0.38451 (8)	0.00655 (9)	0.24697 (9)	O (9)	0.0561 (3)	0.0940 (3)	0.3170 (3)
	0.38351 (15)	0.00769 (15)	0.24599 (17)		0.0559 (8)	0.0915 (7)	0.3186 (9)
	0.38339 (8)	0.00793 (9)	0.24467 (9)		0.0540 (6)	0.0951 (5)	0.3184 (5)
	0.38141 (19)	0.00895 (15)	0.24202 (17)		0.0441 (9)	0.0939 (7)	0.3187 (9)
	0.37504	0.01178	0.22678		0.0053	0.0966	0.3216
S (3)	0.00036 (8)	0.21604 (8)	0.36900 (8)	O (10)	0.9031 (3)	0.1885 (4)	0.4702 (3)
	0.00051 (15)	0.21700 (15)	0.36951 (17)		0.9052 (11)	0.1896 (12)	0.4721 (9)
	0.00129 (9)	0.21723 (9)	0.36943 (9)		0.9059 (5)	0.1903 (7)	0.4731 (5)
	0.00030 (17)	0.21873 (14)	0.37001 (19)		0.9089 (9)	0.1979 (12)	0.4736 (9)
	0.01178	0.22678	0.37504		0.9303 (6)	0.2423 (8)	0.4904 (5)
O (1)	0.3056 (3)	0.2628 (3)	0.0336 (3)	O (11)	0.9353 (3)	0.2817 (4)	0.2570 (4)
	0.3037 (10)	0.2626 (8)	0.0294 (10)		0.9339 (9)	0.2828 (9)	0.2603 (9)
	0.3076 (5)	0.2638 (5)	0.0272 (5)		0.9376 (6)	0.2868 (6)	0.2629 (5)
	0.3067 (10)	0.2645 (7)	0.0189 (9)		0.9417 (10)	0.2928 (9)	0.2654 (9)
	0.3165	0.2786	0.9616		0.9616	0.3165	0.2786
O (2)	0.0824 (3)	0.3259 (3)	0.9880 (3)	O (12)	0.1063 (3)	0.2980 (4)	0.4217 (3)
	0.0829 (7)	0.3286 (8)	0.9885 (9)		0.1074 (6)	0.2966 (7)	0.4240 (9)
	0.0832 (4)	0.3274 (5)	0.9899 (5)		0.1091 (4)	0.2955 (5)	0.4235 (5)
	0.0848 (7)	0.3261 (7)	0.9909 (8)		0.1155 (9)	0.2896 (10)	0.4230 (8)
	0.0966 (4)	0.3216 (5)	0.0053 (6)		0.1431	0.2594	0.4178
O (3)	0.2593 (3)	0.4634 (3)	0.9226 (3)				
	0.2607 (7)	0.4640 (7)	0.9266 (8)				
	0.2599 (5)	0.4644 (5)	0.9250 (5)				
	0.2582 (10)	0.4659 (8)	0.9223 (7)				
	0.2423	0.4904	0.9303				

Table 43A-12-004. $K_2Cd_2(SO_4)_3$. Temperature parameters B_{ij} [$\cdot 10^{-5}$] at the same temperatures as those in Table 43A-12-003 [78Abr]. B_{ij} is defined by Eq. (a) in Introduction.

Atom	B_{11}	B_{22}	B_{33}	B_{12}	B_{13}	B_{23}
K (1)	396 (7)	408 (7)	411 (7)	−98 (11)	−66 (11)	32 (11)
	471 (14)	454 (13)	468 (17)	−183 (18)	−72 (20)	20 (20)
	473 (8)	519 (8)	594 (9)	−133 (11)	−72 (11)	33 (12)
	500 (20)	594 (16)	636 (23)	−30 (12)	−36 (14)	4 (13)
	775 (23)	775	775	−80 (46)	−80	−80
K (2)	476 (8)	603 (8)	387 (7)	−87 (13)	94 (12)	−80 (13)
	515 (15)	722 (17)	408 (17)	−192 (23)	89 (23)	−96 (24)
	596 (9)	781 (11)	465 (8)	−140 (14)	83 (12)	−91 (13)
	677 (25)	805 (20)	515 (26)	−67 (15)	94 (16)	−2 (15)
	822 (26)	822	822	21 (50)	21	21
Cd (1)	214 (2)	240 (2)	247 (2)	19 (3)	−40 (3)	17 (3)
	252 (3)	259 (3)	245 (3)	17 (4)	−44 (5)	20 (5)
	281 (2)	295 (2)	335 (2)	4 (3)	−50 (3)	6 (3)
	388 (7)	377 (4)	450 (7)	−12 (3)	−39 (4)	−10 (3)
	527 (5)	527	527	−154 (11)	−154	−154
Cd (2)	257 (2)	266 (2)	246 (2)	3 (3)	−52 (3)	−23 (3)
	292 (3)	301 (3)	234 (3)	2 (5)	−62 (5)	−23 (5)
	308 (2)	337 (2)	320 (2)	7 (3)	−61 (3)	−29 (3)
	401 (7)	400 (5)	391 (7)	0 (3)	−38 (4)	−25 (3)
	458 (4)	458	458	−40 (10)	−40	−40
S (1)	180 (6)	194 (6)	229 (6)	50 (9)	8 (9)	−9 (9)
	249 (10)	220 (9)	150 (11)	43 (13)	−26 (14)	−28 (14)
	227 (6)	248 (6)	256 (6)	73 (8)	24 (7)	−34 (8)
	228 (17)	273 (12)	225 (18)	35 (8)	−32 (10)	−24 (9)
	377 (6)	358 (6)	315 (6)	167 (10)	10 (9)	50 (9)
S (2)	213 (6)	217 (6)	181 (6)	−34 (9)	−28 (9)	1 (10)
	272 (10)	218 (9)	178 (11)	−1 (14)	−39 (15)	33 (15)
	267 (6)	254 (6)	257 (5)	−24 (8)	−82 (8)	15 (9)
	312 (18)	219 (12)	300 (21)	−9 (9)	−100 (11)	17 (9)
	358	315	377	50	167	10
S (3)	187 (6)	211 (6)	210 (6)	−22 (9)	−49 (9)	−65 (9)
	207 (10)	209 (9)	206 (11)	−26 (13)	−39 (14)	−93 (14)
	256 (6)	248 (6)	250 (5)	−15 (8)	−60 (8)	−88 (8)
	242 (17)	238 (11)	261 (19)	−8 (8)	−28 (11)	−40 (9)
	315	377	358	10	50	167
O (1)	419 (23)	453 (25)	503 (27)	−511 (38)	246 (43)	−88 (43)
	937 (66)	494 (48)	409 (58)	−703 (78)	281 (97)	5 (76)
	644 (30)	438 (26)	731 (33)	−593 (40)	189 (51)	−21 (46)
	989 (93)	350 (55)	1198 (102)	−310 (52)	496 (77)	−198 (50)
	839	924	2346	817	493	−1181
O (2)	327 (23)	445 (25)	479 (26)	211 (38)	−21 (40)	380 (41)
	344 (42)	563 (48)	473 (57)	269 (67)	145 (68)	340 (76)
	294 (25)	604 (29)	727 (31)	159 (39)	−2 (38)	562 (45)
	313 (63)	728 (68)	1117 (100)	128 (49)	−49 (58)	445 (64)
	438 (32)	1245 (42)	2132 (64)	−514 (62)	569 (82)	−1632 (86)

(continued)

Table 43A-12-004 (continued)

Atom	B_{11}	B_{22}	B_{33}	B_{12}	B_{13}	B_{23}
O (3)	536 (27)	337 (25)	463 (26)	− 53 (41)	128 (45)	381 (41)
	381 (43)	405 (43)	575 (53)	− 11 (58)	269 (71)	587 (65)
	577 (31)	501 (28)	623 (27)	− 8 (43)	217 (45)	657 (41)
	1285 (110)	774 (74)	287 (85)	48 (62)	163 (74)	282 (55)
	2261	1208	1981	432	684	2334
O (4)	408 (23)	420 (25)	274 (22)	122 (39)	− 6 (38)	87 (38)
	514 (45)	487 (45)	214 (46)	177 (66)	202 (64)	21 (67)
	625 (30)	541 (29)	325 (25)	283 (42)	246 (35)	205 (38)
	1138 (102)	403 (61)	913 (101)	172 (54)	431 (73)	190 (53)
	2127	1356	513	− 371	− 1043	− 275
O (5)	309 (22)	584 (28)	307 (22)	14 (40)	− 258 (39)	− 224 (39)
	498 (47)	475 (44)	355 (48)	− 49 (69)	− 256 (76)	− 248 (67)
	337 (25)	819 (34)	455 (25)	− 155 (43)	− 179 (36)	− 366 (44)
	492 (70)	1138 (79)	30 (63)	− 336 (51)	− 146 (43)	− 114 (47)
	924 (37)	2346 (73)	839 (39)	− 1181 (81)	817 (54)	493 (83)
O (6)	541 (27)	325 (24)	478 (27)	209 (41)	− 81 (46)	− 274 (42)
	681 (57)	265 (42)	777 (68)	387 (68)	− 190 (94)	− 590 (70)
	740 (37)	311 (28)	858 (36)	48 (47)	− 308 (55)	− 503 (45)
	920 (88)	320 (50)	568 (71)	1 (46)	− 71 (58)	− 57 (37)
	1356 (59)	513 (34)	2127 (72)	− 275 (73)	− 371 (132)	− 1043 (76)
O (7)	196 (21)	529 (25)	686 (28)	333 (37)	278 (42)	96 (52)
	463 (53)	519 (51)	613 (66)	184 (76)	349 (88)	89 (92)
	288 (27)	645 (31)	869 (37)	362 (41)	276 (45)	97 (59)
	366 (76)	856 (67)	1072 (92)	274 (55)	269 (59)	9 (66)
	1208	1981	2261	2334	432	684
O (8)	672 (30)	473 (27)	301 (25)	− 479 (45)	177 (43)	53 (42)
	725 (53)	681 (53)	124 (45)	− 674 (76)	264 (68)	− 170 (69)
	756 (33)	702 (34)	242 (23)	− 537 (50)	175 (38)	− 125 (41)
	628 (72)	954 (68)	129 (66)	− 425 (58)	139 (49)	42 (43)
	1245	2132	438	− 1632	− 514	569
O (9)	492 (24)	329 (23)	455 (26)	341 (39)	67 (42)	− 139 (40)
	545 (49)	273 (44)	628 (63)	276 (63)	− 5 (84)	− 211 (74)
	947 (40)	457 (31)	567 (32)	532 (50)	− 7 (55)	− 246 (46)
	1311 (108)	263 (52)	1160 (104)	245 (54)	124 (82)	− 231 (52)
	2132	438	1245	569	− 1632	− 514
O (10)	538 (27)	626 (30)	450 (28)	− 472 (47)	− 402 (45)	− 80 (48)
	840 (69)	1037 (87)	253 (57)	− 419 (117)	− 666 (84)	− 90(101)
	576 (31)	1169 (51)	464 (29)	− 610 (58)	− 499 (41)	− 61 (59)
	707 (90)	1909 (144)	451 (89)	− 58 (98)	− 381 (68)	− 123 (89)
	1981 (61)	2261 (92)	1208 (45)	684 (146)	2334 (71)	432(113)
O (11)	347 (24)	643 (30)	526 (27)	64 (44)	188 (45)	− 483 (48)
	637 (60)	701 (56)	490 (56)	12 (83)	286 (83)	− 813 (75)
	685 (36)	760 (34)	672 (30)	159 (52)	369 (46)	− 868 (42)
	942 (107)	1097 (96)	827 (105)	217 (72)	366 (77)	− 538 (72)
	2346	839	924	493	− 1181	817
O (12)	324 (23)	592 (28)	491 (28)	408 (41)	− 92 (45)	190 (47)
	168 (37)	589 (48)	666 (59)	362 (59)	− 170 (71)	246 (82)
	401 (26)	743 (32)	653 (30)	611 (40)	− 14 (43)	306 (51)
	529 (77)	1134 (101)	829 (102)	359 (64)	− 198 (64)	235 (65)
	513	2127	1356	− 1043	− 275	− 371

Table 43A-12-005. $K_2Cd_2(SO_4)_3$ (2% Co doped). Deformation parameters ϕ, X, Δ for CdO_6 octahedra vs. T [89Per]. ϕ: rotation of the two oxygen triangles away from the ideal 60° rotation. X: displacement of the metal atom from the center of gravity of the octahedron along the triad axis towards the larger of the two triangles. Δ: variation in the larger of the two triangles of oxygen atoms. The distortion parameter Δ is defined as $\Delta = | A_1 - A_2 | / (A_1 + A_2)$ where A_1 and A_2 are the areas of the two triangles.

Site	Parameter	440 K	540 K	640 K
M1	ϕ [°]	6.98	7.27	8.70
	X [Å]	0.132	0.124	0.121
	Δ	0.074	0.065	0.054
M2	ϕ [°]	–2.16	–1.51	–2.22
	X [Å]	0.198	0.203	0.207
	Δ	–0.123	–0.118	–0.108

Table 43A-12-006. $K_2Cd_2(SO_4)_3$. Electromechanical coupling factors $k_{i\lambda}$ and piezoelectric constants $d_{i\lambda}$ [81Ant].

T	k_{14}	k_{25}	k_{36}	d_{14}	d_{25}	d_{36}
[°C]				[$\cdot 10^{-12}$ CN^{-1}]		
25	0.08	0.08	0.04	3.5(2)	3.4(2)	1.7(2)
200	0.04	–	–	3.8(2)	–	–

Table 43A-12-007. $K_2Cd_2(SO_4)_3$. Elastic compliance coefficients [$\cdot 10^{-11}$ m^2 N^{-1}] at 25 °C [81Ant].

$s_{11} = 1.8(2)$	$s_{12} = -1.1(2)$	$s^E_{44} = 6.45(6)$
$s_{22} = 1.6(2)$	$s_{13} = -1.2(2)$	$s^E_{55} = 6.51(6)$
$s_{33} = 1.3(2)$	$s_{23} = -0.6(2)$	$s^E_{66} = 5.65(6)$

Table 43A-12-008. $K_2Cd_2(SO_4)_3$. Temperature dependence of the rotatory power [$\cdot 10^3$ m^{-1}] for different directions [96Kam].

T [K]	[100]	[010]	[001]	[0.82 0.57 0]
RT	–1.0(4)	–1.6(2)	3.4(2)	
298	–3.4(4)	–2.0(2)	2.3(2)	–2.5(3)
351			2.6(2)	–2.3(2)
390				–1.5(2)
417	–1.5(4)	–1.0(2)	1.4(2)	–1.3(2)
443	0.27(5)	0.36(5)	0.28(5)	0.30(5)

Table 43A-12-009. $K_2Cd_2(SO_4)_3$. Dispersion of rotatory power [$\cdot 10^3$ m^{-1}] at 298 K [96Kam].

λ [nm]	[100]	[010]	[001]
400	–2.5(5)	–5.5(5)	10(1)
500	–1.7(5)	–3.4(4)	8.1(8)
600	–1.3(5)	–2.0(3)	4.4(4)

Table 43A-12-010. $K_2Cd_2(SO_4)_3$. Lines of Raman spectra [cm^{-1}] [86Dev]. ν_1, ν_2, ν_3, ν_4 refer to the internal vibrations of the SO_4 ions. vvs: very very strong, vs: very strong, s: strong, m: medium, w: weak, vw: very weak, vvw: very very weak, sh: shoulder.

Description of vibrations	Phase II (orth)	Phase I (cub)
ν_3	1206 vvw	1206 vw
	1195 vvw	1200 vw
	1132 w	
	1119 w	1110 w
	1104 vw	
	1093 m	1093 m
	1087 m	1087 w
ν_1	1022 vvs	1020 vs
	1009 s	
ν_4	643 s	635 w
	629 w	623 m
	620 w	617 w
	614 m	606 w
	601 w	
ν_2	477 wsh	
	471 m	467 m
	456 m	453 w
	441 w	447 w
	437 w	441 w
External	247 w	231 sh
	228 vw?	209 m
	218 m	196 sh
	181 vvw	172 w?
	137 vw	141 w
	109 vw	132 w
	93 vw	104 vw
	86 w	86 wsh
	79 w	77 w
	63 w	68 w?
	56 w	
	46 vw	
	39 w	
	26 vw	

Table 43A-12-011. $K_2Cd_2(SO_4)_3$. Frequencies of Raman lines [cm^{-1}] [83Moi].

y (*xx*) *z*	*x* (*yy*) *z*	*y* (*zz*) *x*	*x* (*yx*) *z*	*x* (*zx*) *y*	*y* (*xy*) *x*
26	26	26	–	–	–
40	40	40	–	–	–
–	–	51	–	55	–
–	63	–	–	–	–
76	78	81	–	81	81
–	125	127	–	–	–
142	139	–	–	–	–
173	–	–	–	–	–
207	207	207	–	207	–
236	236	236	–	236	236
–	428	424	–	434	–
–	–	441	236	–	445
462	463	–	466	–	–
–	593	593	599	–	594
–	607	607	–	–	–
–	615	614	615	615	615
633	–	–	636	–	636
1006	1006	1006	1006	1006	1006
1019	1019	1019	1019	1019	1019
1087	1086	1084	–	–	1086
1092	–	–	–	–	–
1118	1118	1112	–	–	1115
1129	–	1129	–	–	–
–	1142	–	1135	–	1151
–	–	–	–	1188	–