$p1$ No. 1

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p1$ L1	s	$\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

$p\bar{1}$ No. 2

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p\bar{1}$ L2	0, 1/2 $[s, -s]$	$\not{p}\bar{1}$ R2 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p\bar{1}$ L2

$p112$ No. 3

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p112$ L3	0, 1/2 $[s, -s]$	$\not{p}121$ R3 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p11m$ No. 4

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p11m$ L4	s	$\not{p}1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p11m$ L4

$p11a$ No. 5

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p11a$ L5	s	$\not{p}1c1$ R5
[010]	$[\bar{1}00]$	$p11b$ L5	$[s, (s + \frac{1}{2})]$	$\not{p}1$ R1
[010]	$[\bar{1}\bar{1}0]$	$p11n$ L5	$[s, (s + \frac{1}{2})]$	$\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p11a$ L5
Any u, odd v	Even q	$p11b$ L5
Any u, odd v	Odd q	$p11n$ L5

$p112/m$ No. 6

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p112/m$ L6	0, 1/2 $[s, -s]$	$\not{p}12/m1$ R6 $\not{p}1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

$p112/a$ No. 7

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p112/a$ L7	0, 1/2 $[s, -s]$	$\not{p}12/c1$ R7 $\not{p}1c1$ R5
[010]	$[\bar{1}00]$	$p112/b$ L7	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}\bar{1}$ R2 $\not{p}121$ R3 $\not{p}1$ R1
[010]	$[\bar{1}\bar{1}0]$	$p112/n$ L7	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}\bar{1}$ R2 $\not{p}121$ [1/4] R3 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p112/a$ L7
Any u, odd v	Even q	$p112/b$ L7
Any u, odd v	Odd q	$p112/n$ L7

$p211$ No. 8

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p211$ L8	0, 1/2 $[s, -s]$	$\not{p}112$ R8 $\not{p}1$ R1
[010]	$[\bar{1}00]$	$p121$ L8	s	$\not{p}211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

$p2_111$ No. 9

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p2_111$ L9	0, 1/2 $[s, -s]$	$\not{p}112_1$ R9 $\not{p}1$ R1
[010]	$[\bar{1}00]$	$p12_11$ L9	$[s, (s + \frac{1}{2})]$	$\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

$c211$ No. 10

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$c211$ L10	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112$ R8 $\not{p}112_1$ R9 $\not{p}1$ R1
[010]	$[\bar{1}00]$	$c121$ L10	$[s, (s + \frac{1}{2})]$	$\not{p}211$ R3

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p + q)/2, (p - q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v Even u OR even v	$[u, v, 0]/2$ $[u, v, 0]$	Any p, q	$p1$ L1

$pm11$ No. 11

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$pm11$ L11	s	$\not{p}11m$ R10
[010]	$[\bar{1}00]$	$p1m1$ L11	0, 1/2 $[s, -s]$	$\not{p}m11$ R4 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

*pb*11 No. 12

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pb*11 L12	$[s, (s + \frac{1}{2})]$	$\wp 1$ R1
[010]	$[\bar{1}00]$	*p*1*a*1 L12	0, 1/2 $[s, -s]$	$\wp c11$ R5 $\wp 1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

*cm*11 No. 13

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*cm*11 L13	$[s, (s + \frac{1}{2})]$	$\wp 11m$ R10
[010]	$[\bar{1}00]$	*c*1*m*1 L13	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\wp m11$ R4 $\wp c11$ R5 $\wp 1$ R1

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p + q)/2, (p - q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v Even u OR even v	$[u, v, 0]/2$ $[u, v, 0]$	Any p, q	$p1$ L1

*p*2/*m*11 No. 14

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*p*2/*m*11 L14	0, 1/2 $[s, -s]$	$\wp 112/m$ R11 $\wp 11m$ R10
[010]	$[\bar{1}00]$	*p*12/*m*1 L14	0, 1/2 $[s, -s]$	$\wp 2/m11$ R6 $\wp 211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p\bar{1}$ L2

$p2_1/m11$ No. 15

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p2_1/m11$ L15	0, 1/2 $[s, -s]$	$\not{p}112_1/m$ R12 $\not{p}11m$ [1/4] R10
[010]	$[\bar{1}00]$	$p12_1/m1$ L15	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}\bar{1}$ R2 $\not{p}m11$ R4 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p\bar{1}$ L2

$p2/b11$ No. 16

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p2/b11$ L16	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}\bar{1}$ R2 $\not{p}112$ R8 $\not{p}1$ R1
[010]	$[\bar{1}00]$	$p12/a1$ L16	0, 1/2 $[s, -s]$	$\not{p}2/c11$ R7 $\not{p}211$ [1/4] R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p\bar{1}$ L2

$p2_1/b11$ No. 17

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100]	[010]	$p2_1/b11$ L17	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}\bar{1}$ R2 $\not{p}112_1$ R9 $\not{p}1$ R1
[010]	$[\bar{1}00]$	$p12_1/a1$ L17	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}\bar{1}$ R2 $\not{p}c11$ R5 $\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p\bar{1}$ L2

$c2/m11$ No. 18

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100]	[010]	$c2/m11$ L18	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112/m$ R11 $\not{p}112_1/m$ [1/4] R12 $\not{p}11m$ R10
[010]	$[\bar{1}00]$	$c12/m1$ L18	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}2/m11$ R6 $\not{p}2/c11$ [1/4] R7 $\not{p}211$ R3

Orientation $[uv0]$	**c**	Scanning direction **d** = $[(p+q)/2, (p-q)/2, 0]$	Scanning group (**c**, **d**, **z**)
Odd u, odd v Even u OR even v	$[u, v, 0]/2$ $[u, v, 0]$	Any p, q	$p\bar{1}$ L2

$p222$ No. 19

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	$p222$ L19	0, 1/2 $[s, -s]$	$\not{p}222$ R13 $\not{p}211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p2_122$ No. 20

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p2_122$ L20	0, 1/2 $[s, -s]$	$\not{p}222_1$ R14 $\not{p}211$ [1/4] R3
[010]	$[\bar{1}00]$	$p22_12$ L20	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}121$ R3 $\not{p}112$ R8 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p2_12_12_1$ No. 21

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	$p2_12_12_1$ L21	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}121$ R3 $\not{p}112_1$ R9 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

*c*222 No. 22

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] [$\bar{1}$00]	*c*222 L22	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}222$ R13 $\not{p}222_1$ R14 $\not{p}211$ R3

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p+q)/2, (p-q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v Even u OR even v	$[u, v, 0]/2$ $[u, v, 0]$	Any p, q	$p112$ L3

*pmm*2 No. 23

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] [$\bar{1}$00]	*pmm*2 L23	0, 1/2 $[s, -s]$	$\not{p}m2m$ R18 $\not{p}11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

*pma*2 No. 24

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pma*2 L24	0, 1/2 $[s, -s]$	$\not{p}c2m$ R19 $\not{p}11m$ [1/4] R10
[010]	[$\bar{1}$00]	*pbm*2 L24	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}121$ R3 $\not{p}m11$ R4 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

*pba*2 No. 25

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pba*2 L25	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p121$ R3 $pc11$ R5 $p1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

*cmm*2 No. 26

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*cmm*2 L26	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$pm2m$ R18 $pc2m$ R19 $p11m$ R10

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p+q)/2, (p-q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v Even u OR even v	$[u, v, 0]/2$ $[u, v, 0]$	Any p, q	$p112$ L3

*pm*2*m* No. 27

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pm*2*m* L27	s	$p2mm$ R18
[010]	$[\bar{1}00]$	*p*2*mm* L27	0, 1/2 $[s, -s]$	$pmm2$ R15 $p1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p11m$ L4

$pm2_1b$ No. 28

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$pm2_1b$ L28	$[s, (s + \frac{1}{2})]$	$\not{p}11m$ R10
[010]	$[\bar{1}00]$	$p2_1ma$ L28	0, 1/2 $[s, -s]$	$\not{p}mc2_1$ R17 $\not{p}1c1$ R5

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Even u, odd v	Odd p	$p11a$ L5
Odd u, any v	Even p	$p11b$ L5
Odd u, any v	Odd p	$p11n$ L5

$pb2_1m$ No. 29

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$pb2_1m$ L29	$[s, (s + \frac{1}{2})]$	$\not{p}1m1$ R4
[010]	$[\bar{1}00]$	$p2_1am$ L29	0, 1/2 $[s, -s]$	$\not{p}cm2_1$ R17 $\not{p}1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p11m$ L4

pb2b No. 30

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pb2b* L30	$[s, (s + \frac{1}{2})]$	$\not{p}211$ R3
[010]	$[\bar{1}00]$	*p2aa* L30	0, 1/2 $[s, -s]$	$\not{p}cc2$ R16 $\not{p}1c1$ R5

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Even u, odd v	Odd p	$p11a$ L5
Odd u, any v	Even p	$p11b$ L5
Odd u, any v	Odd p	$p11n$ L5

pm2a No. 31

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pm2a* L31	s	$\not{p}2cm$ R19
[010]	$[\bar{1}00]$	*p2mb* L31	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112$ R8 $\not{p}m11$ R4 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p11a$ L5
Any u, odd v	Even q	$p11b$ L5
Any u, odd v	Odd q	$p11n$ L5

$pm2_1n$ No. 32

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100]	[010]	$pm2_1n$ L32	$[s, (s + \frac{1}{2})]$	$\not{p}11m$ R10
[010]	$[\bar{1}00]$	$p2_1mn$ L32	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}m11$ R4 $\not{p}112_1$ R9 $\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Odd u, odd v	Any p, q	$p11a$ L5
Even u OR even v	Odd p, q	$p11b$ L5
Even u, odd v Odd u, even v	Even q Even p	$p11n$ L5

$pb2_1a$ No. 33

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100]	[010]	$pb2_1a$ L33	$[s, (s + \frac{1}{2})]$	$\not{p}1c1$ R5
[010]	$[\bar{1}00]$	$p2_1ab$ L33	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112_1$ R9 $\not{p}c11$ R5 $\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Odd u, even v	Odd q	$p11a$ L5
Any u, odd v	Even q	$p11b$ L5
Any u, odd v	Odd q	$p11n$ L5

*pb*2*n* No. 34

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pb*2*n* L34	$[s, (s + \frac{1}{2})]$	$\wp 211$ R3
[010]	$[\bar{1}00]$	*p*2*an* L34	[0, 1/2]	$\wp 112$ R8
			[1/4, 3/4]	$\wp c11$ R5
			$[\pm s, (\frac{1}{2} \pm s)]$	$\wp 1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	Any p, q	$p11a$ L5
Even u OR even v	Odd p, q	$p11b$ L5
Even u, odd v	Even q	$p11n$ L5
Odd u, even v	Even p	

*cm*2*m* No. 35

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*cm*2*m* L35	$[s, (s + \frac{1}{2})]$	$\wp 2mm$ R18
[010]	$[\bar{1}00]$	*c*2*mm* L35	[0, 1/2]	$\wp mm2$ R15
			[1/4, 3/4]	$\wp cm2_1$ R17
			$[\pm s, (\frac{1}{2} \pm s)]$	$\wp 1m1$ R4

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p + q)/2, (p - q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	$[u, v, 0]/2$	Any p, q	$p11m$ L4
Even u OR even v	$[u, v, 0]$		

*cm*2*e* No. 36

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*cm*2*e* L36	$[s, (s + \frac{1}{2})]$	$\not{p}2cm$ R19
[010]	$[\bar{1}00]$	*c*2*me* L36	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}cc2$ R16 $\not{p}mc2_1$ R17 $\not{p}1c1$ R5

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p + q)/2, (p - q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v OR even u, odd v	$[u, v, 0]$	Any p, q	$p11a$ L5
Odd u, v	$[u, v, 0]/2$	Even $(p \pm q)$	$p11b$ L5
Odd u, v	$[u, v, 0]/2$	Odd $(p \pm q)$	$p11n$ L5

pmmm No. 37

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pmmm* L37	0, 1/2 $[s, -s]$	$\not{p}mmm$ R20 $\not{p}2mm$ R18

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

pmaa No. 38

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pmaa* L38	0, 1/2 $[s, -s]$	$\not{p}ccm$ R21 $\not{p}2cm$ R19
[010]	$[\bar{1}00]$	*pbmb* L38	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}2/m11$ R6 $\not{p}222$ R13 $\not{p}211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p112/a$ L7
Any u, odd v	Even q	$p112/b$ L7
Any u, odd v	Odd q	$p112/n$ L7

pban No. 39

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pban* L39	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}2/c11$ R7 $\not{p}222$ [1/4] R13 $\not{p}211$ [1/4] R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	Any p, q	$p112/a$ L7
Even u OR even v	Odd p, q	$p112/b$ L7
Even u, odd v Odd u, even v	Even q Even p	$p112/n$ L7

pmam No. 40

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pmam* L40	0, 1/2 $[s, -s]$	ρcmm R22 $\rho 2mm$ [1/4] R18
[010]	$[\bar{1}00]$	*pbmm* L40	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\rho 12/m1$ R6 $\rho mm2$ R15 $\rho 1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

pmma No. 41

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pmma* L41	0, 1/2 $[s, -s]$	ρmcm R22 $\rho 2cm$ R19
[010]	$[\bar{1}00]$	*pmmb* L41	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\rho 112/m$ R11 $\rho m2m$ R18 $\rho 11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p112/a$ L7
Any u, odd v	Even q	$p112/b$ L7
Any u, odd v	Odd q	$p112/n$ L7

pman No. 42

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pman* L42	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p112/m$ R11 $pc2m$ R19 $p11m$ R10
[010]	$[\bar{1}00]$	*pbmn* L42	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p2/m11$ R6 $p222_1$ R14 $p211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	Any p, q	$p112/a$ L7
Even u OR even v	Odd p, q	$p112/b$ L7
Even u, odd v Odd u, even v	Even q Even p	$p112/n$ L7

pbaa No. 43

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pbaa* L43	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p12/c1$ R7 $pcc2$ R16 $p1c1$ R5
[010]	$[\bar{1}00]$	*pbab* L43	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p2/c11$ R7 $p222_1$ R14 $p211$ [1/4] R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p112/a$ L7
Any u, odd v	Even q	$p112/b$ L7
Any u, odd v	Odd q	$p112/n$ L7

pbam No. 44

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pbam* L44	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p12/m1$ R6 $pcm2_1$ R17 $p1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

pbma No. 45

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	*pbma* L45	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p12/c1$ R7 $pmc2_1$ R17 $p1c1$ R5
[010]	$[\bar{1}00]$	*pmab* L45	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p112_1/m$ R12 $pc2m$ R19 $p11m$ [1/4] R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, even v	Odd q	$p112/a$ L7
Any u, odd v	Even q	$p112/b$ L7
Any u, odd v	Odd q	$p112/n$ L7

pmmn No. 46

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pmmn* L46	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112_1/m$ R12 $\not{p}m2m$ [1/4] R18 $\not{p}11m$ [1/4] R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	Any p, q	$p112/a$ L7
Even u OR even v	Odd p, q	$p112/b$ L7
Even u, odd v Odd u, even v	Even q Even p	$p112/n$ L7

cmmm No. 47

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*cmmm* L47	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}mmm$ R20 $\not{p}cmm$ [1/4] R22 $\not{p}2mm$ R18

Orientation $[uv0]$	$\mathbf{c}$	Scanning direction $\mathbf{d} = [(p+q)/2, (p-q)/2, 0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v Even u OR even v	$[u, v, 0]/2$ $[u, v, 0]$	Any p, q	$p112/m$ L6

cmme No. 48

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location *s***d**	Sectional rod group (**d**, **z**, **c**)
[100]	[010]	*cmme* L48	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}ccm$ R21 $\not{p}mcm$ [1/4] R22 $\not{p}2cm$ R19
[010]	$[\bar{1}00]$	*cmme* L48 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}mcm$ R22 $\not{p}ccm$ [1/4] R21 $\not{p}2cm$ R19

Orientation $[uv0]$	**c**	Scanning direction **d** = $[(p+q)/2, (p-q)/2, 0]$	Scanning group (**c**, **d**, **z**)
Odd u, even v OR even u, odd v	$[u, v, 0]$	Any p, q	$p112/a$ L7
Odd u, v	$[u, v, 0]/2$	Even $(p \pm q)$	$p112/b$ L7
Odd u, v	$[u, v, 0]/2$	Odd $(p \pm q)$	$p112/n$ L7

*p*4 No. 49

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location *s***d**	Sectional rod group (**d**, **z**, **c**)
[100] [010] [110] $[1\bar{1}0]$	[010] $[\bar{1}00]$ $[\bar{1}00]$ [100]	$p112$ L3	0, 1/2 $[s, -s]$	$\not{p}121$ R3 $\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p112$ L3

$p\bar{4}$ No. 50

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110] [1$\bar{1}$0]	[010] [$\bar{1}$00] [$\bar{1}$00] [100]	$p112$ L3	0, 1/2 $[s, -s]$	$\not{p}121$ R3 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p4/m$ No. 51

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110] [1$\bar{1}$0]	[010] [$\bar{1}$00] [$\bar{1}$00] [100]	$p112/m$ L6	0, 1/2 $[s, -s]$	$\not{p}12/m1$ R6 $\not{p}1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

$p4/n$ No. 52

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	$p112/n$ L7	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\wp\bar{1}$ R2 $\wp 121$ [1/4] R3 $\wp 1$ R1
[110] $[1\bar{1}0]$	$[\bar{1}00]$ [100]	$p112/a$ L7	0, 1/2 $[s, -s]$	$\wp 12/c1$ R7 $\wp 1c1$ R5

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	Any p, q	$p112/a$ L7
Even u OR even v	Odd p, q	$p112/b$ L7
Even u, odd v Odd u, even v	Even q Even p	$p112/n$ L7

$p422$ No. 53

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	$p222$ L19	0, 1/2 $[s, -s]$	$\wp 222$ R13 $\wp 211$ R3
[110] $[1\bar{1}0]$	$[\bar{1}10]$ [110]	$c222$ L22	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\wp 222$ R13 $\wp 222_1$ R14 $\wp 211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p42_12$ No. 54

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	$p2_12_12_1$ L21	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}121$ R3 $\not{p}112_1$ R9 $\not{p}1$ R1
[110] $[1\bar{1}0]$	$[\bar{1}10]$ [110]	$c222$ L22 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}222_1$ R14 $\not{p}222$ [1/4] R13 $\not{p}211$ [1/4] R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p4mm$ No. 55

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	$pmm2$ L23	0, 1/2 $[s, -s]$	$\not{p}m2m$ R18 $\not{p}11m$ R10
[110] $[1\bar{1}0]$	$[\bar{1}10]$ [110]	$cmm2$ L26	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}m2m$ R18 $\not{p}c2m$ R19 $\not{p}11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

*p*4*bm* No. 56

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] [$\bar{1}$00]	*pba*2 L25	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}$121 R3 $\not{p}c$11 R5 $\not{p}$1 R1
[110] [1$\bar{1}$0]	[$\bar{1}$10] [110]	*cmm*2 L26 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}c2m$ R19 $\not{p}m2m$ [1/4] R18 $\not{p}11m$ [1/4] R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	*p*112 L3

p$\bar{4}$2*m* No. 57

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] [$\bar{1}$00]	*p*222 L19	0, 1/2 $[s, -s]$	$\not{p}$222 R13 $\not{p}$211 R3
[110] [1$\bar{1}$0]	[$\bar{1}$10] [110]	*cmm*2 L26	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}m2m$ R18 $\not{p}c2m$ R19 $\not{p}11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	*p*112 L3

$p\bar{4}2_1m$ No. 58

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] [$\bar{1}$00]	$p2_12_12_1$ L21	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p121$ R3 $p112_1$ R9 $p1$ R1
[110] [1$\bar{1}$0]	[$\bar{1}$10] [110]	$cmm2$ L26 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$pc2m$ R19 $pm2m$ [1/4] R18 $p11m$ [1/4] R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p\bar{4}m2$ No. 59

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] [$\bar{1}$00]	$pmm2$ L23	0, 1/2 $[s, -s]$	$pm2m$ R18 $p11m$ R10
[110] [1$\bar{1}$0]	[$\bar{1}$10] [110]	$c222$ L22	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p222$ R13 $p222_1$ R14 $p211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p\bar{4}b2$ No. 60

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$pba2$ L25	[0, 1/2]	$\not{p}121$ R3
[010]	$[\bar{1}00]$		[1/4, 3/4]	$\not{p}c11$ R5
			$[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}1$ R1
[110]	$[\bar{1}10]$	$c222$ L22	[0, 1/2]	$\not{p}222_1$ R14
$[1\bar{1}0]$	[110]	[1/4, 1/4, 0]	[1/4, 3/4]	$\not{p}222$ [1/4] R13
			$[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}211$ [1/4] R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p4/mmm$ No. 61

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$pmmm$ L37	0, 1/2	$\not{p}mmm$ R20
[010]	$[\bar{1}00]$		$[s, -s]$	$\not{p}2mm$ R18
[110]	$[\bar{1}10]$	$cmmm$ L47	[0, 1/2]	$\not{p}mmm$ R20
$[1\bar{1}0]$	[110]		[1/4, 3/4]	$\not{p}cmm$ [1/4] R22
			$[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}2mm$ R18

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

*p*4/*nbm* No. 62

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pban* L39	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p2/c11$ R7 $p222$ [1/4] R13 $p211$ [1/4] R3
[110]	$[\bar{1}10]$	*cmme* L48	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$pccm$ R21 $pmcm$ [1/4] R22 $p2cm$ R19
$[1\bar{1}0]$	[110]	*cmme* L48 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$pmcm$ R22 $pccm$ [1/4] R21 $p2cm$ R19

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Odd u, odd v	Any p, q	$p112/a$ L7
Even u OR even v	Odd p, q	$p112/b$ L7
Even u, odd v Odd u, even v	Even q Even p	$p112/n$ L7

*p*4/*mbm* No. 63

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010]	[010] $[\bar{1}00]$	*pbam* L44	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$p12/m1$ R6 $pcm2_1$ R17 $p1m1$ R4
[110] $[1\bar{1}0]$	$[\bar{1}10]$ [110]	*cmmm* L47 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$pcmm$ R22 $pmmm$ [1/4] R20 $p2mm$ [1/4] R18

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6

$p4/nmm$ No. 64

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100] [010]	[010] $[\bar{1}00]$	*pmmn* L46	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112_1/m$ R12 $\not{p}m2m$ [1/4] R18 $\not{p}11m$ [1/4] R10
[110]	$[\bar{1}10]$	*cmme* L48 [1/4, 1/4, 0]	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}mcm$ R22 $\not{p}ccm$ [1/4] R21 $\not{p}2cm$ R19
$[1\bar{1}0]$	[110]	*cmme* L48	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}ccm$ R21 $\not{p}mcm$ [1/4] R22 $\not{p}2cm$ R19

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Odd u, odd v	Any p, q	$p112/a$ L7
Even u OR even v	Odd p, q	$p112/b$ L7
Even u, odd v Odd u, even v	Even q Even p	$p112/n$ L7

$p3$ No. 65

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100] [010] [110] $[1\bar{1}0]$ [120] [210]	[010] $[\bar{1}00]$ $[\bar{1}00]$ [100] [010] $[\bar{1}00]$	$p1$ L1	s	$\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p1$ L1

$p\bar{3}$ No. 66

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100] [010] [110] [1$\bar{1}$0] [120] [210]	[010] [$\bar{1}$00] [$\bar{1}$00] [100] [010] [$\bar{1}$00]	$p\bar{1}$ L2	0, 1/2 $[s, -s]$	$\not{p}\bar{1}$ R2 $\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p\bar{1}$ L2

$p312$ No. 67

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100] [010] [110]	[120] [$\bar{2}\bar{1}$0] [$\bar{1}$10]	$c121$ L10	$[s, (s + \frac{1}{2})]$	$\not{p}211$ R3
[1$\bar{1}$0] [120] [210]	[110] [$\bar{1}$00] [010]	$c211$ L10	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112$ R8 $\not{p}112_1$ R9 $\not{p}1$ R1

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p1$ L1

$p321$ No. 68

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$	$c211$ L10	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}112$ R8 $\not{p}112_1$ R9 $\not{p}1$ R1
$[1\bar{1}0]$ [120] [210]	[110] $[\bar{1}00]$ [010]	$c121$ L10	$[s, (s + \frac{1}{2})]$	$\not{p}211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

$p3m1$ No. 69

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$	$cm11$ L13	$[s, (s + \frac{1}{2})]$	$\not{p}11m$ R10
$[1\bar{1}0]$ [120] [210]	[110] $[\bar{1}00]$ [010]	$c1m1$ L13	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}m11$ R4 $\not{p}c11$ R5 $\not{p}1$ R1

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

$p31m$ No. 70

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$	$c1m1$ L13	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not p m11$ R4 $\not p c11$ R5 $\not p 1$ R1
$[1\bar{1}0]$ [120] [210]	[110] $[\bar{1}00]$ [010]	$cm11$ L13	$[s, (s + \frac{1}{2})]$	$\not p 11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p1$ L1

$p\bar{3}1m$ No. 71

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$	$c12/m1$ L18	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not p 2/m11$ R6 $\not p 2/c11$ [1/4] R7 $\not p 211$ R3
$[1\bar{1}0]$ [120] [210]	[110] $[\bar{1}00]$ [010]	$c2/m11$ L18	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not p 112/m$ R11 $\not p 112_1/m$ [1/4] R12 $\not p 11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p\bar{1}$ L2

$p\bar{3}m1$ No. 72

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[120]	$c2/m11$ L18	[0, 1/2]	$\not{p}112/m$ R11
[010]	$[\bar{2}\bar{1}0]$		[1/4, 3/4]	$\not{p}112_1/m$ [1/4] R12
[110]	$[\bar{1}10]$		$[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}11m$ R10
$[1\bar{1}0]$	[110]	$c12/m1$ L18	[0, 1/2]	$\not{p}2/m11$ R6
[120]	$[\bar{1}00]$		[1/4, 3/4]	$\not{p}2/c11$ [1/4] R7
[210]	[010]		$[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p\bar{1}$ L2

$p6$ No. 73

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100]	[010]	$p112$ L3	0, 1/2	$\not{p}121$ R3
[010]	$[\bar{1}00]$		$[s, -s]$	$\not{p}1$ R1
[110]	$[\bar{1}00]$			
$[1\bar{1}0]$	[100]			
[120]	[010]			
[210]	$[\bar{1}00]$			

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112$ L3

$p\bar{6}$ No. 74

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100] [010] [110] [1$\bar{1}$0] [120] [210]	[010] [$\bar{1}$00] [$\bar{1}$00] [100] [010] [$\bar{1}$00]	$p11m$ L4	s	$\not{p}1m1$ R4

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p11m$ L4

$p6/m$ No. 75

Orientation $[uvw]$ = **c**	Scanning direction **d**	Scanning group (**c**, **d**, **z**)	Location s**d**	Sectional rod group (**d**, **z**, **c**)
[100] [010] [110] [1$\bar{1}$0] [120] [210]	[010] [$\bar{1}$00] [$\bar{1}$00] [100] [010] [$\bar{1}$00]	$p112/m$ L6	0, 1/2 $[s, -s]$	$\not{p}12/m1$ R6 $\not{p}1m1$ R4

Orientation $[uv0]$ = **c**	Scanning direction **d** = $[pq0]$	Scanning group (**c**, **d**, **z**)
Any u, v	Any p, q	$p112/m$ L6

*p*622 No. 76

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110] $[1\bar{1}0]$ [120] [210]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$ [110] $[\bar{1}00]$ [010]	*c*222 L22	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}222$ R13 $\not{p}222_1$ R14 $\not{p}211$ R3

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	*p*112 L3

*p*6*mm* No. 77

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110] $[1\bar{1}0]$ [120] [210]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$ [110] $[\bar{1}00]$ [010]	*cmm*2 L26	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}m2m$ R18 $\not{p}c2m$ R19 $\not{p}11m$ R10

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	*p*112 L3

$p\bar{6}m2$ No. 78

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$	$cm2m$ L35	$[s, (s + \frac{1}{2})]$	$\not{p}2mm$ R18
$[1\bar{1}0]$ [120] [210]	[110] $[\bar{1}00]$ [010]	$c2mm$ L35	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}mm2$ R15 $\not{p}cm2_1$ R17 $\not{p}1m1$ R4

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p11m$ L4

$p\bar{6}2m$ No. 79

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$	$c2mm$ L35	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	$\not{p}mm2$ R15 $\not{p}cm2_1$ R17 $\not{p}1m1$ R4
$[1\bar{1}0]$ [120] [210]	[110] $[\bar{1}00]$ [010]	$cm2m$ L35	$[s, (s + \frac{1}{2})]$	$\not{p}2mm$ R18

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p11m$ L4

$p6/mmm$ No. 80

Orientation $[uvw] = \mathbf{c}$	Scanning direction $\mathbf{d}$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$	Location $s\mathbf{d}$	Sectional rod group $(\mathbf{d}, \mathbf{z}, \mathbf{c})$
[100] [010] [110] $[1\bar{1}0]$ [120] [210]	[120] $[\bar{2}\bar{1}0]$ $[\bar{1}10]$ [110] $[\bar{1}00]$ [010]	*cmmm* L47	[0, 1/2] [1/4, 3/4] $[\pm s, (\frac{1}{2} \pm s)]$	*pmmm* R20 *pcmm* [1/4] R22 *p*2*mm* R18

Orientation $[uv0] = \mathbf{c}$	Scanning direction $\mathbf{d} = [pq0]$	Scanning group $(\mathbf{c}, \mathbf{d}, \mathbf{z})$
Any u, v	Any p, q	$p112/m$ L6