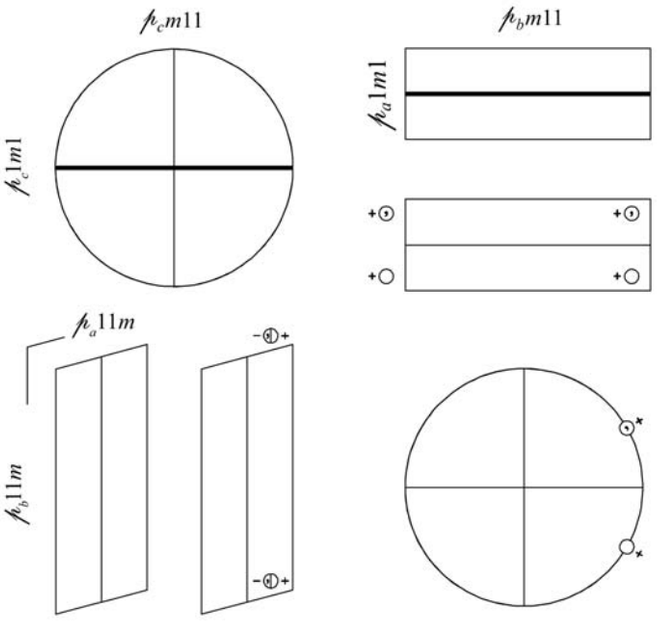
$\not{p}m11$ m Monoclinic/Oblique

No. 4 $\not{p}m11$ Patterson symmetry $\not{p}2/m11$



Origin on mirror plane m

Asymmetric unit $0 \le x; \quad 0 \le z \le 1$

Symmetry operations

(1) 1 (2) m $0, y, z$

Generators selected (1); $t(0,0,1)$; (2)

Positions

Multiplicity, Wyckoff letter, Site symmetry		Coordinates		Reflection conditions
				General:
2	b 1	(1) x,y,z	(2) $\bar{x},y,z$	no conditions
				Special: no extra conditions
1	a m	$0,y,z$		

Symmetry of special projections

Along [001] $1m1$
Origin at $0,0,z$

Along [100] $p112$
$\mathbf{a}' = \mathbf{c}$
Origin at $x,0,0$

Along [010] $p11m$
$\mathbf{a}' = \mathbf{c}_p$
Origin at $0,y,0$

Maximal non-isotypic non-enantiomorphic subgroups

I [2] $p1$ (1) 1

IIa none

IIb [2] $pc11$ ($\mathbf{c}' = 2\mathbf{c}$) (5)

Maximal isotypic subgroups and enantiomorphic subgroups of lowest index

IIc [2] $pm11$ ($\mathbf{c}' = 2\mathbf{c}$) (4)

Minimal non-isotypic non-enantiomorphic supergroups

I [2] $p2/m11$ (6); [2] $pmm2$ (15); [2] $pmc2_1$ (17); [2] $p2mm$ (18); [3] $p3m1$ (49)

II none