MPG No. 28.2.108   231′   [Type II, cubic]

Table 1: Wyckoff site: 1o, site symmetry: 231'

No.	position	mapping
1	[0, 0, 0]	[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24]

Table 2: Wyckoff site: 4a, site symmetry: .3.

No.	position	mapping
1	$[x, x, x]$	[1,5,9,13,17,21]
2	$[-x, -x, x]$	[4,8,12,16,20,24]
3	$[-x, x, -x]$	[3,7,11,15,19,23]
4	$[x, -x, -x]$	[2,6,10,14,18,22]

Table 3: Wyckoff site: 6b, site symmetry: 2..

No.	position	mapping
1	$[x, 0, 0]$	[1,2,13,14]
2	$[-x, 0, 0]$	[3,4,15,16]
3	$[0, x, 0]$	[9,11,21,23]
4	$[0, -x, 0]$	[10,12,22,24]
5	$[0, 0, x]$	[5,8,17,20]
6	$[0, 0, -x]$	[6,7,18,19]

Table 4: Wyckoff site: 12c, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	[1,13]
2	$[-x, -y, z]$	[4,16]
3	$[-x, y, -z]$	[3,15]
4	$[x, -y, -z]$	[2,14]
5	$[z, x, y]$	[9,21]
6	$[z, -x, -y]$	[10,22]
7	$[-z, -x, y]$	[12,24]
8	$[-z, x, -y]$	[11,23]
9	$[y, z, x]$	[5,17]
10	$[-y, z, -x]$	[7,19]
11	$[y, -z, -x]$	[6,18]
12	$[-y, -z, x]$	[8,20]