MSG No. 11.52 $P2_1'/m$ [Type III, monoclinic]

Table 1: Wyckoff site: `2a`, site symmetry: `-1'`

No.	position	mapping
1	$[0,\ 0,\ 0]$	`[1,4]`
2	$\left[0,\ \frac{1}{2},\ 0\right]$	`[2,3]`

Table 2: Wyckoff site: `2b`, site symmetry: `-1'`

No.	position	mapping
1	$\left[\frac{1}{2},\ 0,\ 0\right]$	`[1,4]`
2	$\left[\frac{1}{2},\ \frac{1}{2},\ 0\right]$	`[2,3]`

Table 3: Wyckoff site: `2c`, site symmetry: `-1'`

No.	position	mapping
1	$\left[0,\ 0,\ \frac{1}{2}\right]$	`[1,4]`
2	$\left[0,\ \frac{1}{2},\ \frac{1}{2}\right]$	`[2,3]`

Table 4: Wyckoff site: `2d`, site symmetry: `-1'`

No.	position	mapping
1	$\left[\frac{1}{2},\ 0,\ \frac{1}{2}\right]$	`[1,4]`
2	$\left[\frac{1}{2},\ \frac{1}{2},\ \frac{1}{2}\right]$	`[2,3]`

Table 5: Wyckoff site: `2e`, site symmetry: `m`

No.	position	mapping
1	$\left[x,\ \frac{1}{4},\ z\right]$	`[1,2]`
2	$\left[-x,\ \frac{3}{4},\ -z\right]$	`[3,4]`

Table 6: Wyckoff site: `4f`, site symmetry: `1`

No.	position	mapping
1	$[x,\ y,\ z]$	`[1]`
2	$\left[x,\ \frac{1}{2}-y,\ z\right]$	`[2]`

continued ...

Table 6

No.	position	mapping
3	$\left[-x,\, y+\frac{1}{2},\, -z\right]$	`[3]`
4	$[-x,\, -y,\, -z]$	`[4]`