MSG No. 39.199 $Ab'm'2$ [Type III, orthorhombic]

Table 1: Wyckoff site: `4a`, site symmetry: `..2`

No.	position	mapping
1	$[0,\ 0,\ z]$	`[1,2]`
2	$\left[0,\ 0,\ z+\frac{1}{2}\right]$	`[3,4]`
3	$\left[0,\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,6]`
4	$\left[0,\ \frac{1}{2},\ z\right]$	`[7,8]`

Table 2: Wyckoff site: `4b`, site symmetry: `..2`

No.	position	mapping
1	$\left[\frac{1}{2},\ 0,\ z\right]$	`[1,2]`
2	$\left[\frac{1}{2},\ 0,\ z+\frac{1}{2}\right]$	`[3,4]`
3	$\left[\frac{1}{2},\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,6]`
4	$\left[\frac{1}{2},\ \frac{1}{2},\ z\right]$	`[7,8]`

Table 3: Wyckoff site: `4c`, site symmetry: `.m'.`

No.	position	mapping
1	$\left[x,\ \frac{1}{4},\ z\right]$	`[1,8]`
2	$\left[-x,\ \frac{3}{4},\ z\right]$	`[2,7]`
3	$\left[-x,\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[3,6]`
4	$\left[x,\ \frac{3}{4},\ z+\frac{1}{2}\right]$	`[4,5]`

Table 4: Wyckoff site: `8d`, site symmetry: `1`

No.	position	mapping
1	$[x,\ y,\ z]$	`[1]`
2	$[-x,\ -y,\ z]$	`[2]`
3	$\left[-x,\ y,\ z+\frac{1}{2}\right]$	`[3]`
4	$\left[x,\ -y,\ z+\frac{1}{2}\right]$	`[4]`
5	$\left[x,\ y+\frac{1}{2},\ z+\frac{1}{2}\right]$	`[5]`
6	$\left[-x,\ \frac{1}{2}-y,\ z+\frac{1}{2}\right]$	`[6]`
7	$\left[-x,\ y+\frac{1}{2},\ z\right]$	`[7]`
8	$\left[x,\ \frac{1}{2}-y,\ z\right]$	`[8]`