$coordinates

| | | | |
|---|---|---|---|
| Sn | 0.91582725618010 | -1.56862113684961 | -2.07770156114213 |
| Sn | 1.86340000830588 | 2.40360117941799 | 1.72481318048476 |
| Ag | -2.24217511787074 | -1.19289414985518 | 2.40964564417331 |
| Ag | -2.06981752170345 | 3.05515293932609 | -2.06215773228457 |

$end

vibrational frequencies, intensities

| mode | au_amu | cm-1 | km/mol |
|---|---|---|---|
| 7 | 0.006657 | 34.2 | 0.00 |
| 8 | 0.013411 | 68.9 | 0.00 |
| 9 | 0.017632 | 90.6 | 0.94 |
| 10 | 0.021955 | 112.9 | 0.03 |
| 11 | 0.022827 | 117.3 | 0.10 |
| 12 | 0.033420 | 171.8 | 1.94 |

Frequencies (cm-1) and normal modes

7: 34.2 8: 68.9 9: 90.6 10: 112.9 11: 117.3 12: 171.8

| | | | | | | |
|---|---|---|---|---|---|---|
| Sn x | -0.2674 | -0.0149 | -0.4066 | -0.4025 | 0.0279 | -0.0820 |
| y | 0.0326 | -0.3561 | 0.3162 | -0.1665 | 0.2747 | 0.4732 |
| z | 0.0220 | 0.3691 | 0.2962 | -0.2101 | -0.2507 | 0.4483 |
| Sn x | -0.2725 | 0.0110 | 0.5218 | -0.2992 | 0.0370 | -0.2898 |
| y | 0.0381 | 0.3544 | 0.1945 | 0.2977 | 0.2407 | -0.4174 |
| z | 0.0316 | -0.3707 | 0.2109 | 0.2396 | -0.2835 | -0.4080 |
| Ag x | 0.2704 | -0.0806 | -0.0527 | 0.3486 | -0.4832 | 0.2006 |
| y | -0.4395 | -0.3459 | -0.2715 | 0.1792 | -0.2244 | 0.0939 |
| z | 0.3969 | -0.3304 | -0.2669 | -0.2664 | 0.3441 | -0.1529 |
| Ag x | 0.2960 | 0.0847 | -0.0682 | 0.3875 | 0.4151 | 0.1894 |
| y | 0.3654 | 0.3476 | -0.2641 | -0.3168 | -0.3162 | -0.1524 |
| z | -0.4531 | 0.3321 | -0.2651 | 0.2354 | 0.2163 | 0.1106 |