

YAlO₃ [010]

| Spacegroup Pbnm | | | | | |
|-----------------|-------|-------|-------|------|-------|
| A | B | C | Alpha | Beta | Gamma |
| 5.423 | 5.500 | 7.708 | 90 | 90 | 90 |
| Omega | | Chi | | Phi | |
| -90 | | 180 | | 90 | |

| Laue Plane Projector | | | | |
|----------------------|---------|---------|------------------|------------------|
| Dist | Width | Height | X-Offset | Y-Offset |
| 50.000 | 180.000 | 120.000 | 0.000 | 0.000 |
| Omega | Chi | Phi | Q _{min} | Q _{max} |
| 180.000 | 0.000 | 0.000 | 0.000 | 6.283 |

