

| | | |
|----|-------|----|
| | X_0 | |
| Be | 651.9 | mm |
| Al | 240.1 | mm |

| Incident angle | | | Thickness | | Be | | Al | |
|----------------|--------|----------|-----------|--------|---------|-----------|---------|-----------|
| deg | mrad | rad | wall | actual | x/X_0 | % x/X_0 | x/X_0 | % x/X_0 |
| 0.5 | 8.73 | 0.008727 | 1 | 114.59 | 0.1758 | 17.6 | 0.4773 | 47.7 |
| 1 | 17.45 | 0.017453 | 1 | 57.30 | 0.0879 | 8.8 | 0.2386 | 23.9 |
| 1.5 | 26.18 | 0.02618 | 1 | 38.20 | 0.0586 | 5.9 | 0.1591 | 15.9 |
| 2 | 34.91 | 0.034907 | 1 | 28.65 | 0.0440 | 4.4 | 0.1193 | 11.9 |
| 2.5 | 43.63 | 0.043633 | 1 | 22.93 | 0.0352 | 3.5 | 0.0955 | 9.5 |
| 3 | 52.36 | 0.05236 | 1 | 19.11 | 0.0293 | 2.9 | 0.0796 | 8.0 |
| 4 | 69.81 | 0.069813 | 1 | 14.34 | 0.0220 | 2.2 | 0.0597 | 6.0 |
| 5 | 87.27 | 0.087266 | 1 | 11.47 | 0.0176 | 1.8 | 0.0478 | 4.8 |
| 6 | 104.72 | 0.10472 | 1 | 9.57 | 0.0147 | 1.5 | 0.0398 | 4.0 |
| 10 | 174.53 | 0.174533 | 1 | 5.76 | 0.0088 | 0.9 | 0.0240 | 2.4 |
| 15 | 261.80 | 0.261799 | 1 | 3.86 | 0.0059 | 0.6 | 0.0161 | 1.6 |
| 20 | 349.07 | 0.349066 | 1 | 2.92 | 0.0045 | 0.4 | 0.0122 | 1.2 |
| 30 | 523.60 | 0.523599 | 1 | 2.00 | 0.0031 | 0.3 | 0.0083 | 0.8 |