

TOROID SHIELDING

Dose rate in $\mu\text{Sv/h}$ from only the VT beampipe (100 day running, 1 day cooling)

Contact dose rate calculated by Shupe and Hedberg using omega factors
30 day run / 1 day cool

1-2 mSv/h

- 167
- 223
- 340
- 827

10 mm

VT Beampipe

- 156 •
- 209 •
- 318 •
- 776 •

Beampipe support

- 57 •
- 53
- 49
- 150 •
- 144
- 118
- 206 •
- 204
- 157
- 304 •
- 343
- 220
- 494 •
- 770
- 316
- 1039 •
- 1821
- 423
- 469

Flange

0.4 m

0.5 m