

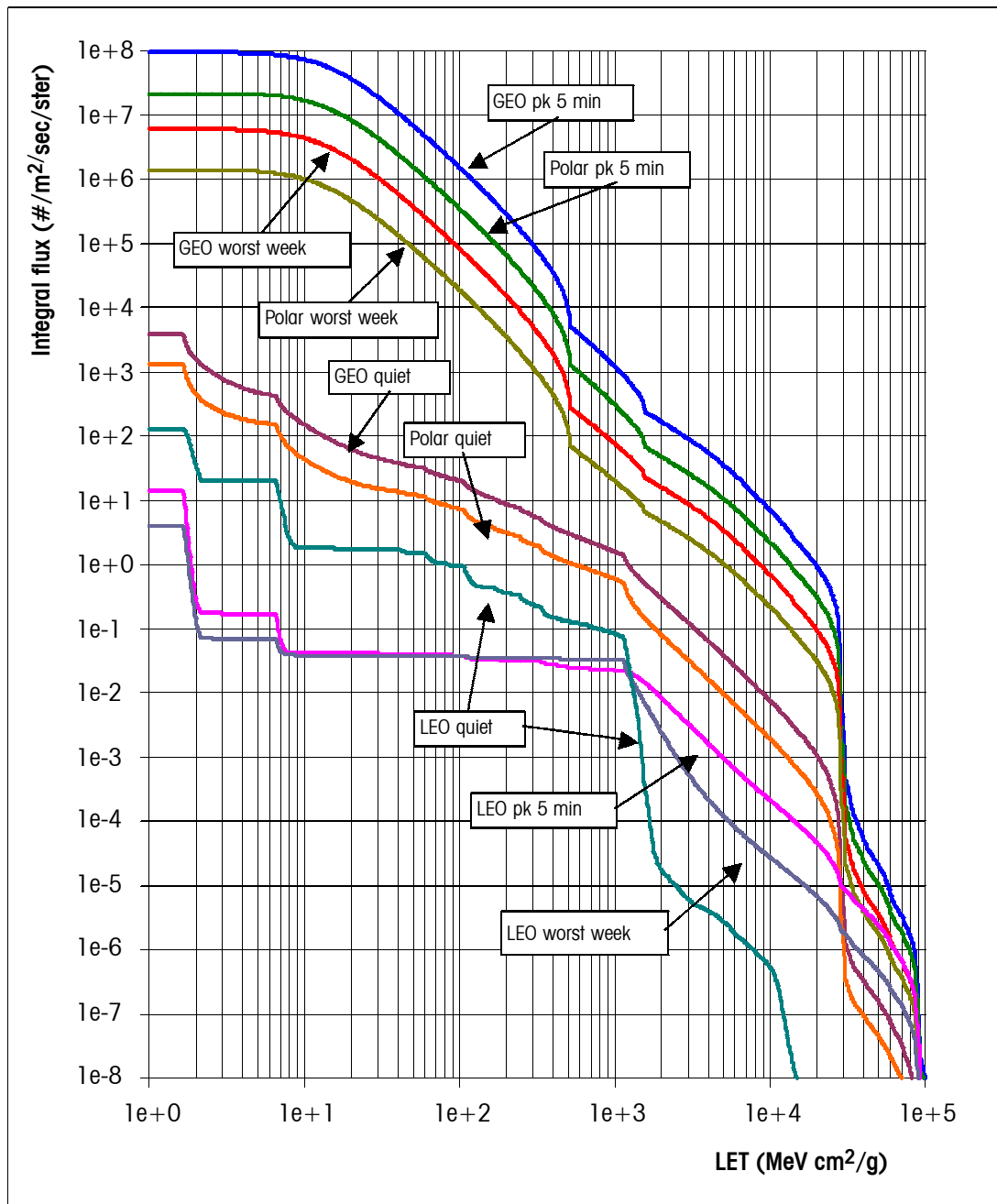


Figure 19: Cosmic ray LET spectra for typical missions

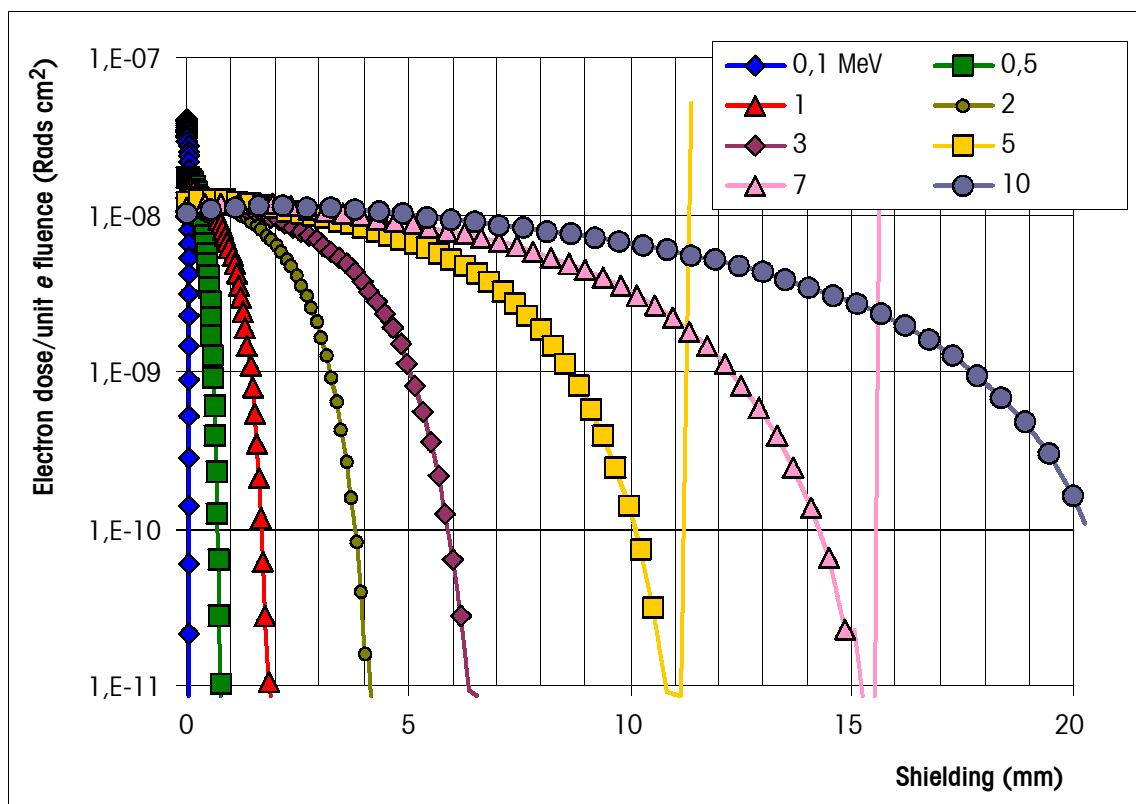
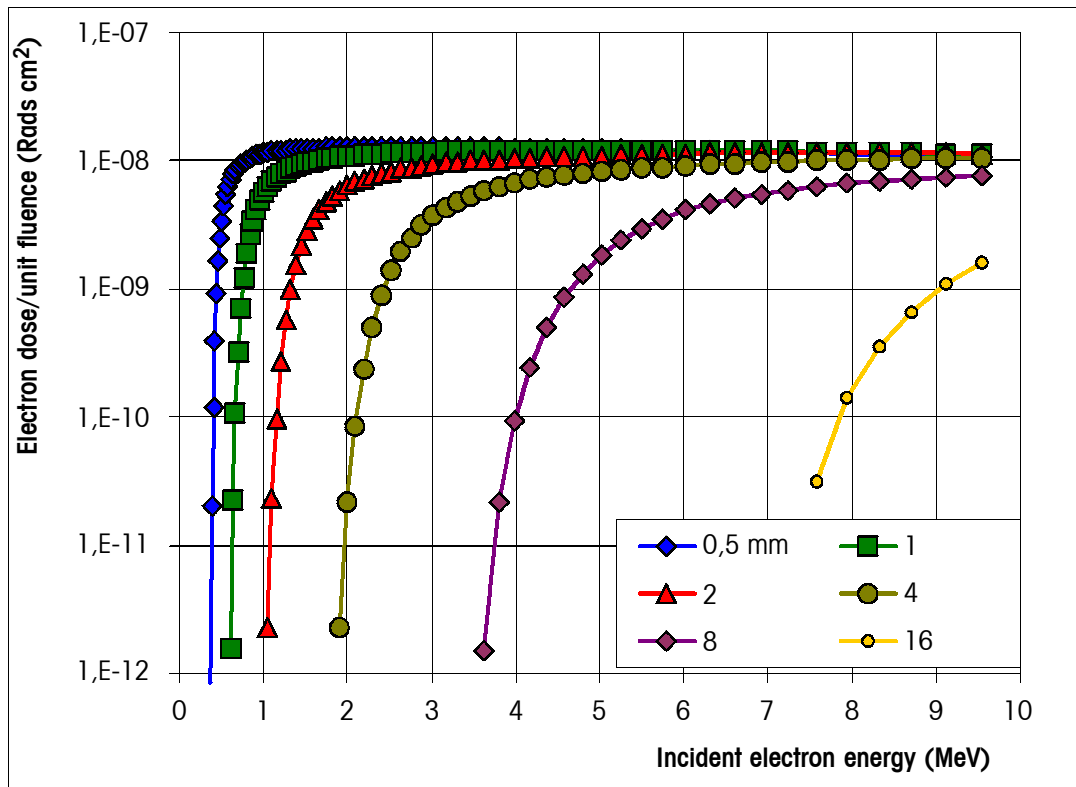


Figure 20: SHIELDOSE dataset for computing doses for arbitrary spectra:
(a) Electron doses as a function of energy and depth

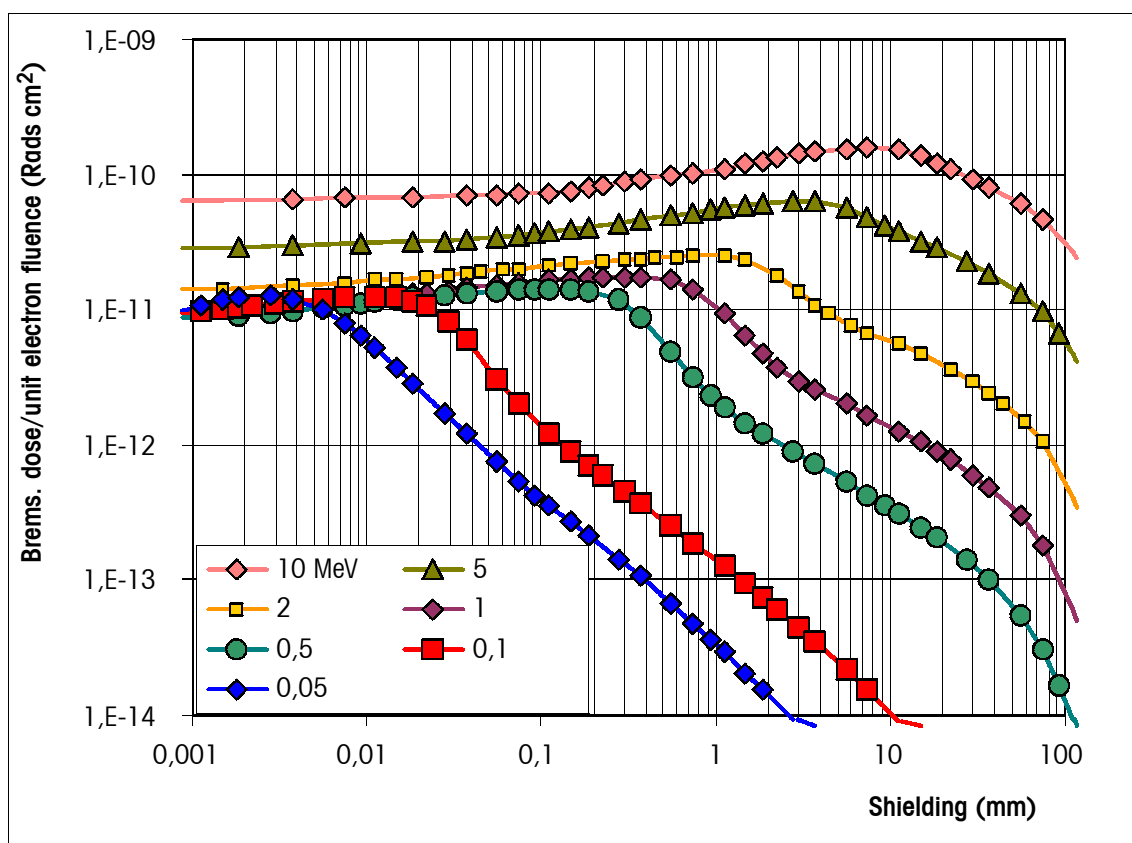
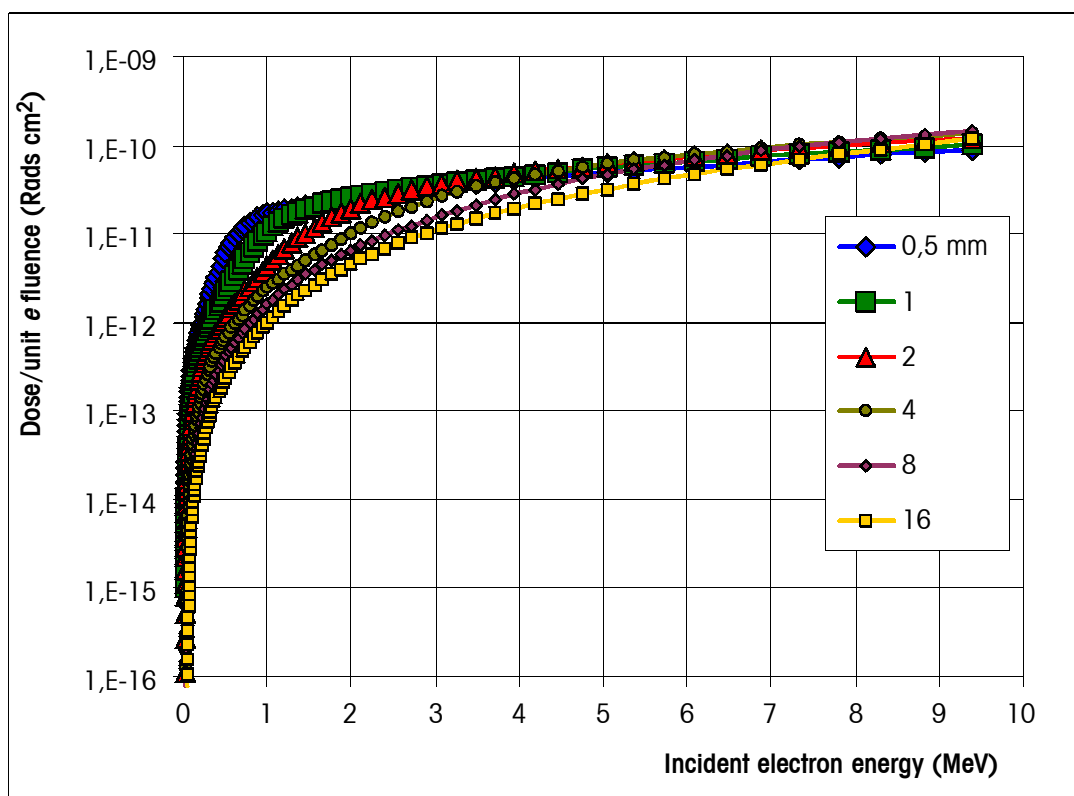


Figure 20 (continued): (b) Bremsstrahlung doses as a function of energy and depth

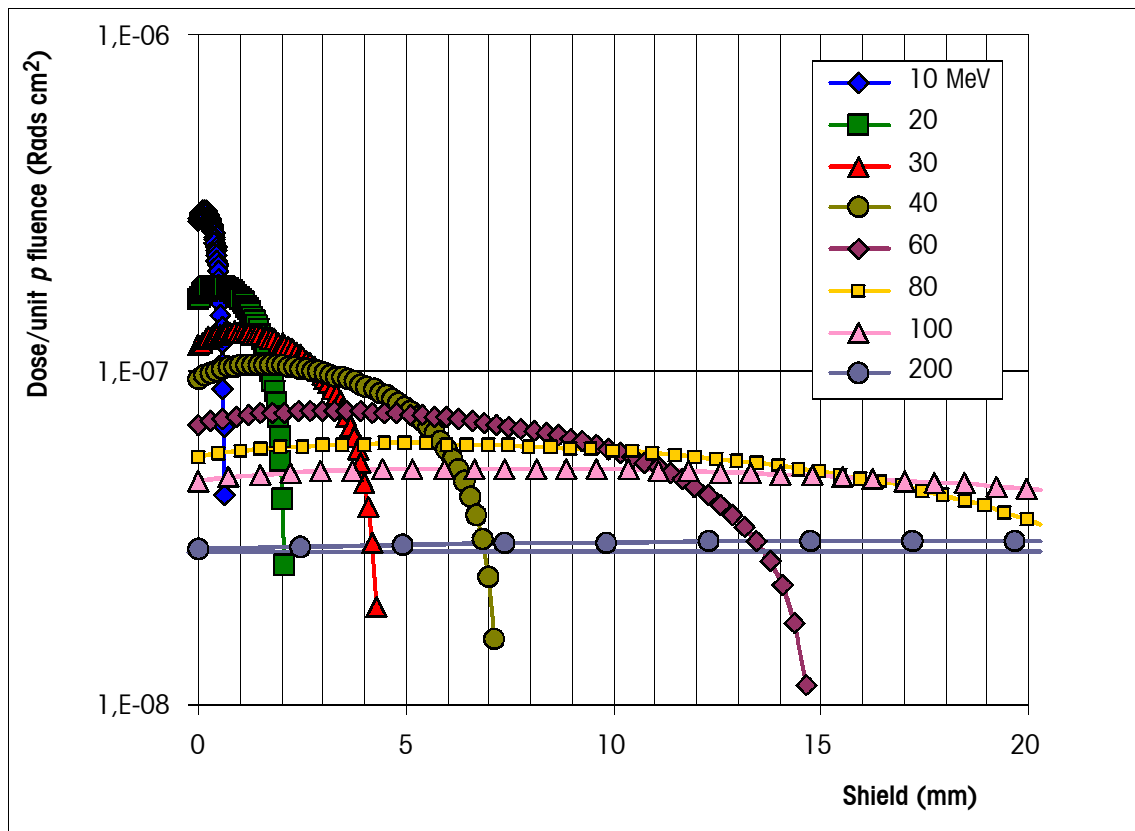
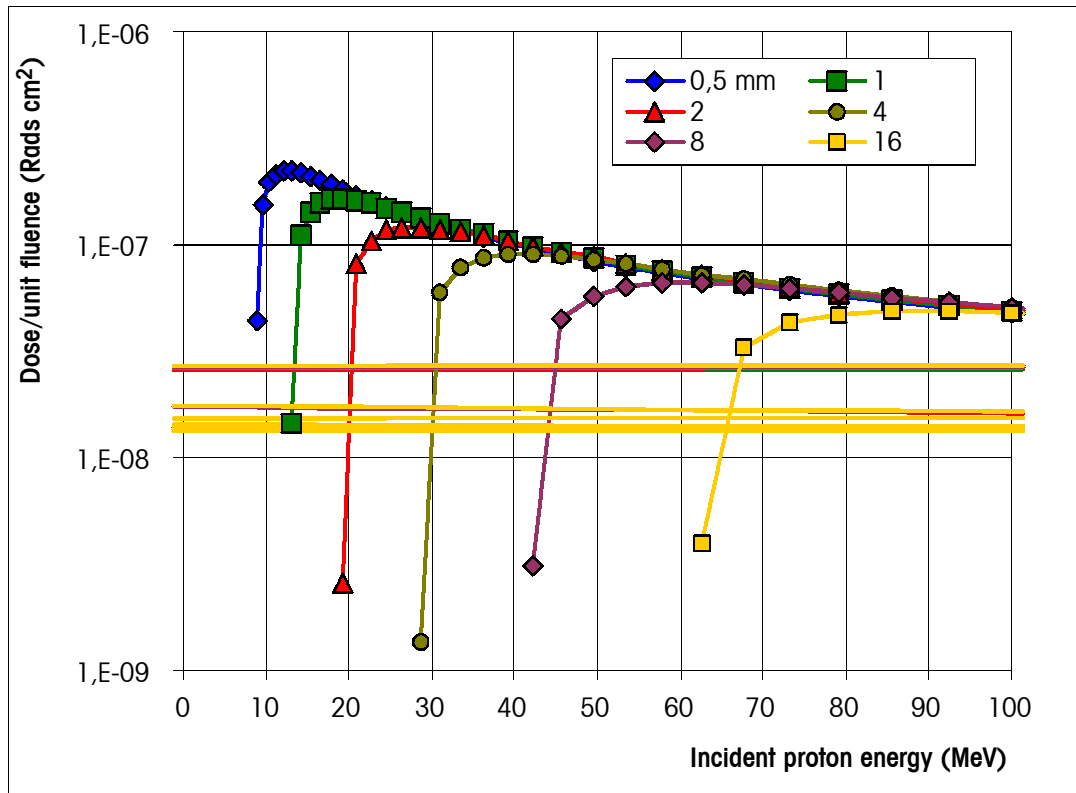


Figure 20 (continued): (c) Proton doses as a function of energy and depth

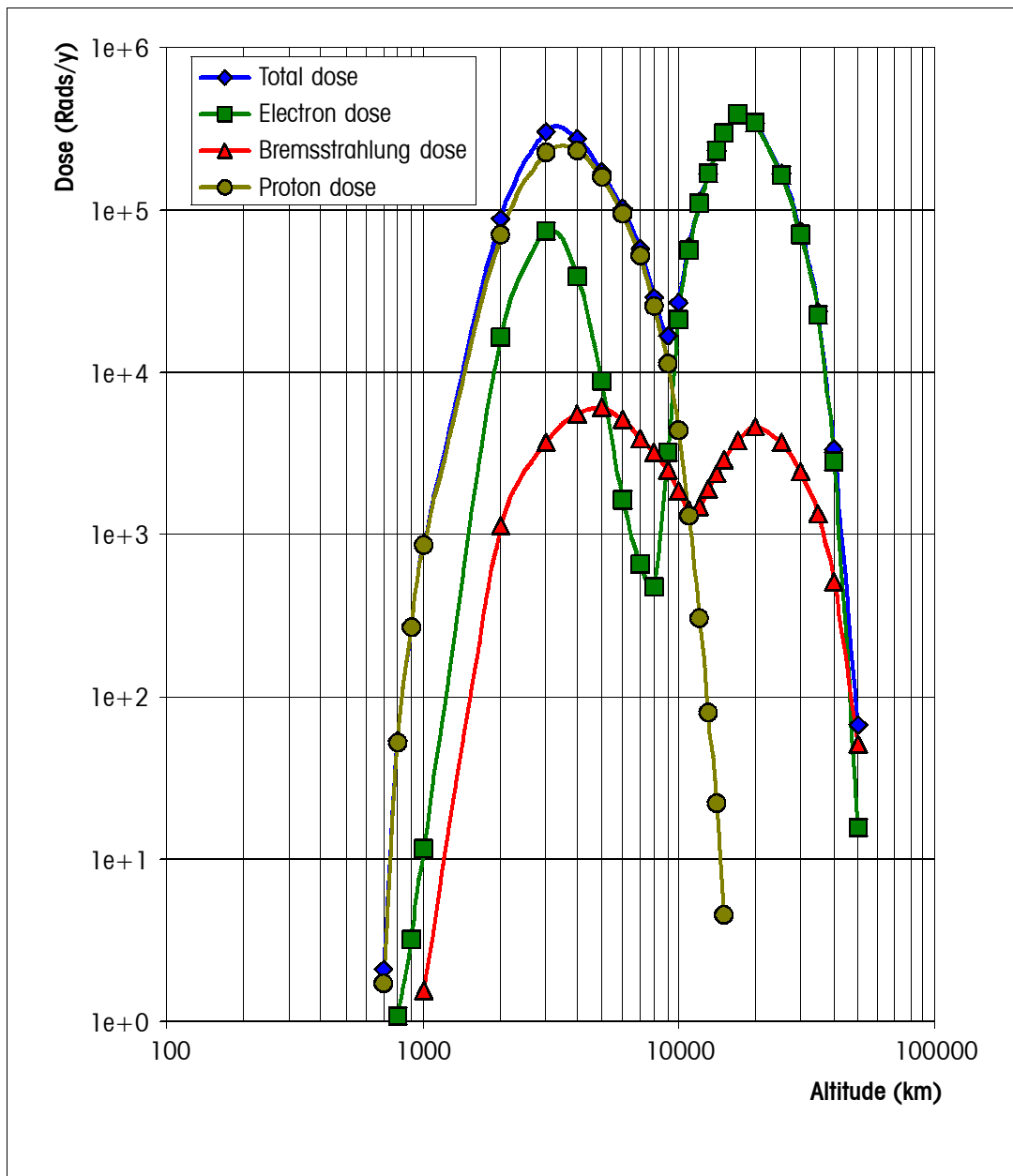


Figure 21: Annual doses behind 4 mm spherical shielding on circular equatorial orbits in the radiation belts, as a function of orbit height