Method 1

(Hedberg - Shupe)

Input:

Stardensity maps calculated with GCALOR

Contact dose rate =
$$\omega$$
 • Stardensity

30 days irradiation 1 day cooling off

Copper 1.0

Steel 1.3

Lead 1.5

Tungsten 1.1

Aluminium 0.2

Concrete 0.3

Marble 0.06

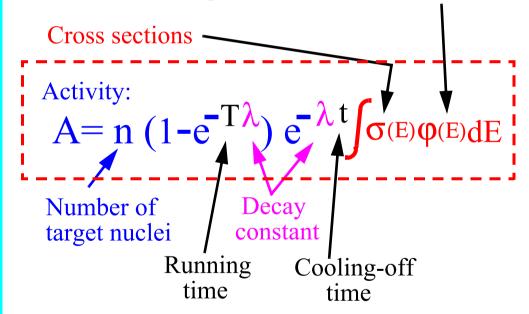
Method 2

(Morev et al.)

Input:

Material and geometry description of the experiment

Particle flux maps calculated with GCALOR



The programs DOT-III and MCNP are used to calculate photon transport.