TITLE

simple target

GLOBAL 1. 1.0

DEFAULTS NEW-DEFA

BEAM -7.E-4 2.0 2.0 1.0ELECTRON

BEAMPOS 0.0 0.0 0.001 0.0 0.0

GEOBEGIN COMBNAME

 0 0 Target geometry

\* Black body

SPH blkbody 0.0 0.0 0.0 10000000.0

\* Void sphere

SPH void 0.0 0.0 0.0 100.0

\* Void sphere

SPH airgap 0.0 0.0 0.0 50.0

\* Cylindrical target

RCC target 0.0 0.0 0.0 0.0 0.0 6.0 5.0

END

\* Black hole

BLKBODY 5 +blkbody -void

\* Void around

VOID 5 +void -airgap

\* Void around

AIRSURD 5 +airgap -target

\* Target

TARGET 5 +target

END

GEOEND

\* ..+....1....+....2....+....3....+....4....+....5....+....6....+....7..

ASSIGNMA BLCKHOLE BLKBODY

ASSIGNMA VACUUM VOID

ASSIGNMA ARGON AIRSURD

ASSIGNMA ALUMINUM TARGET

USRBIN 10. ENERGY -21. 10.0 10.0 0.3PDD

USRBIN -10.0 -10.0 0.0 20.0 20.0 200.0&

EMFCUT 1.0E-6 1.0E-6 0.0

EMFCUT 1.0E-6 1.0E-6 PROD-CUT

RANDOMIZ 1.0

START 5.0E6

STOP

Simulated depth Dose profile for 700 keV in Aluminum



**Simulated depth Dose profile for 7 MeV in Aluminum**

