

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

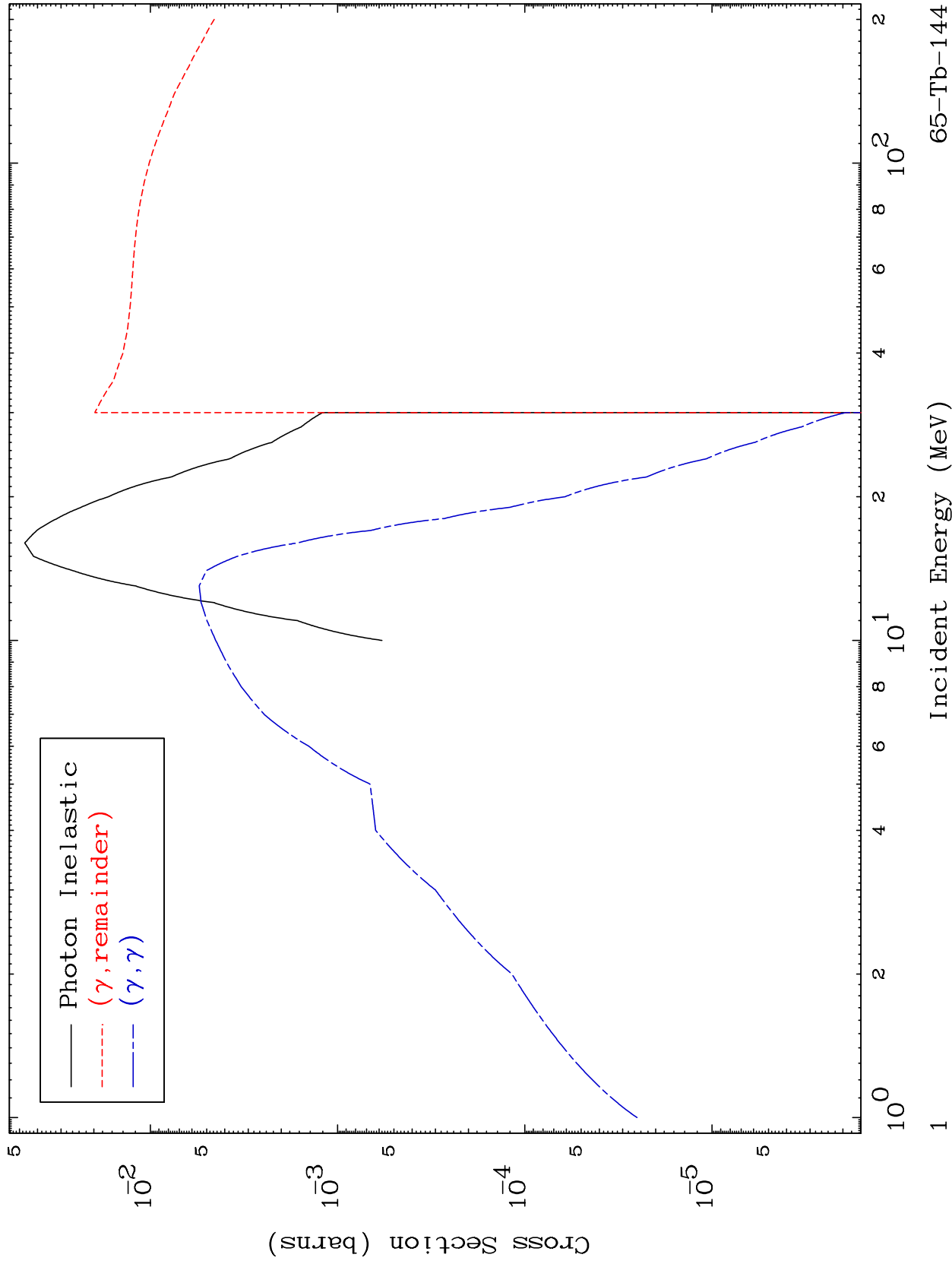
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6481

Photon Major
0 Kelvin Cross Sections

65-Tb-144

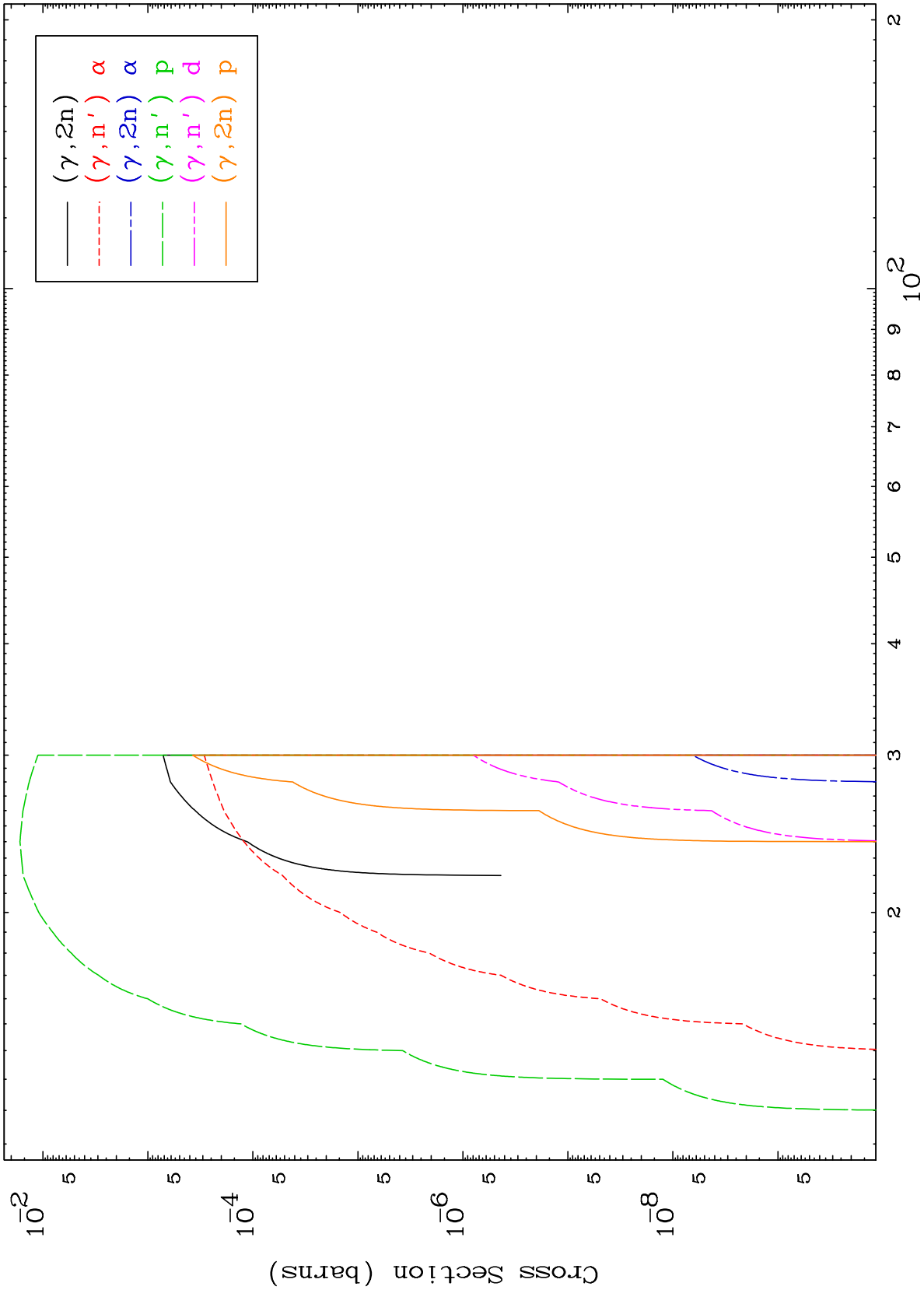


65-Tb-144

MAT 6481

Photon Neutron Production
0 Kelvin Cross Sections

65-Tb-144



2

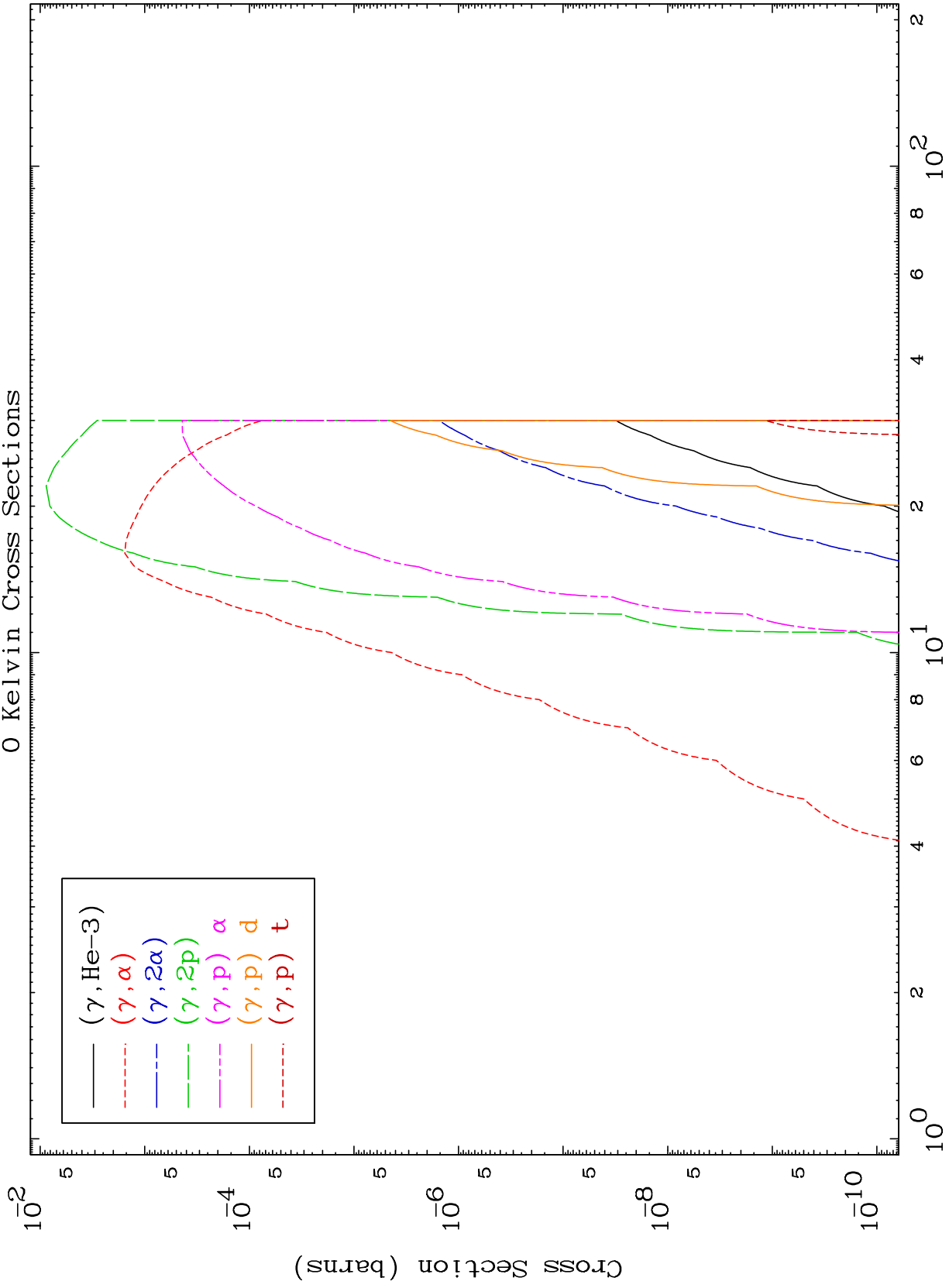
Incident Energy (MeV)

65-Tb-144

MAT 6481

Photon Charged Particle
0 Kelvin Cross Sections

65-Tb-144



65-Tb-144

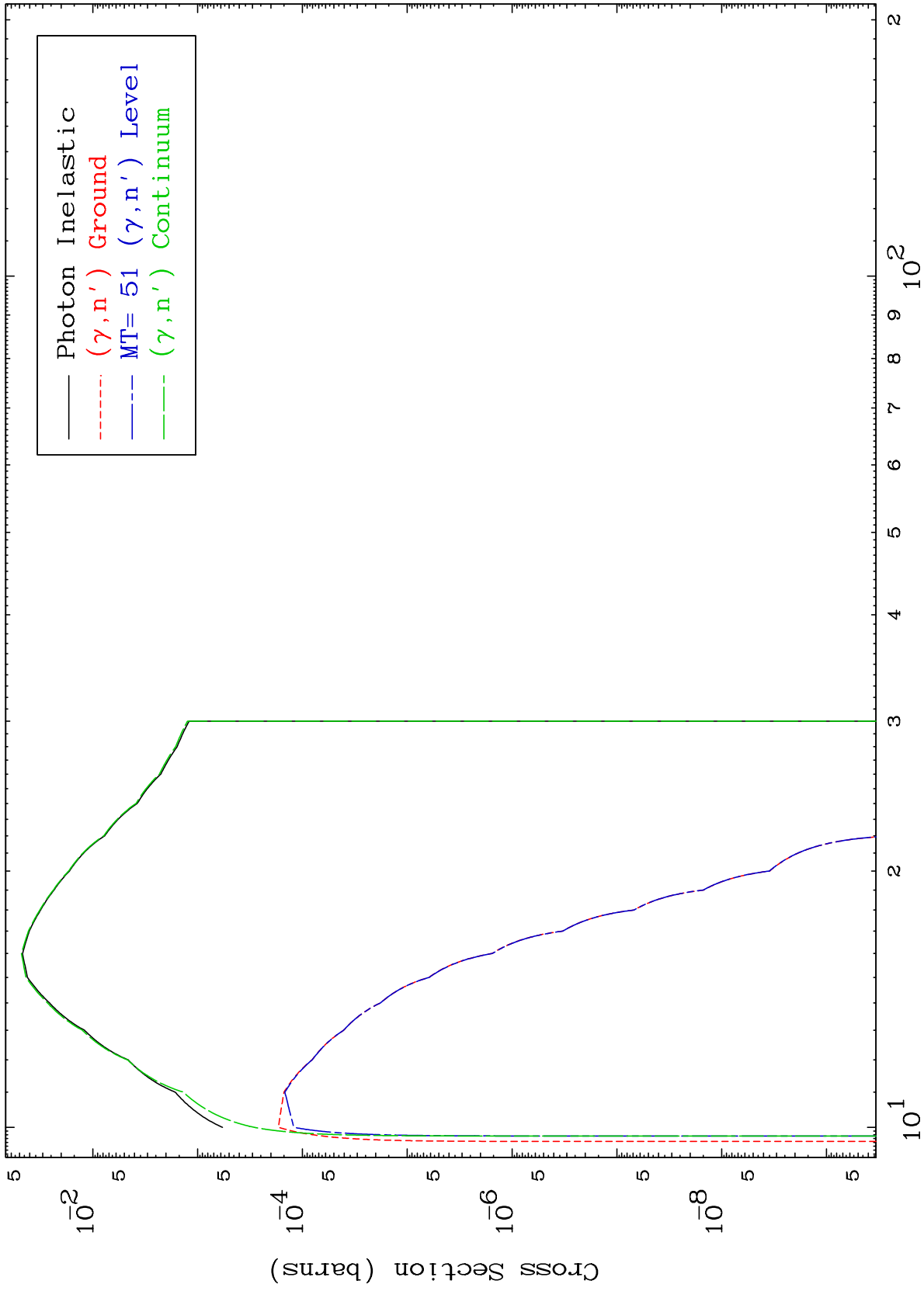
Incident Energy (MeV)

4

MAT 6481

(γ, n') Level
0 Kelvin Cross Sections

65-Tb-144



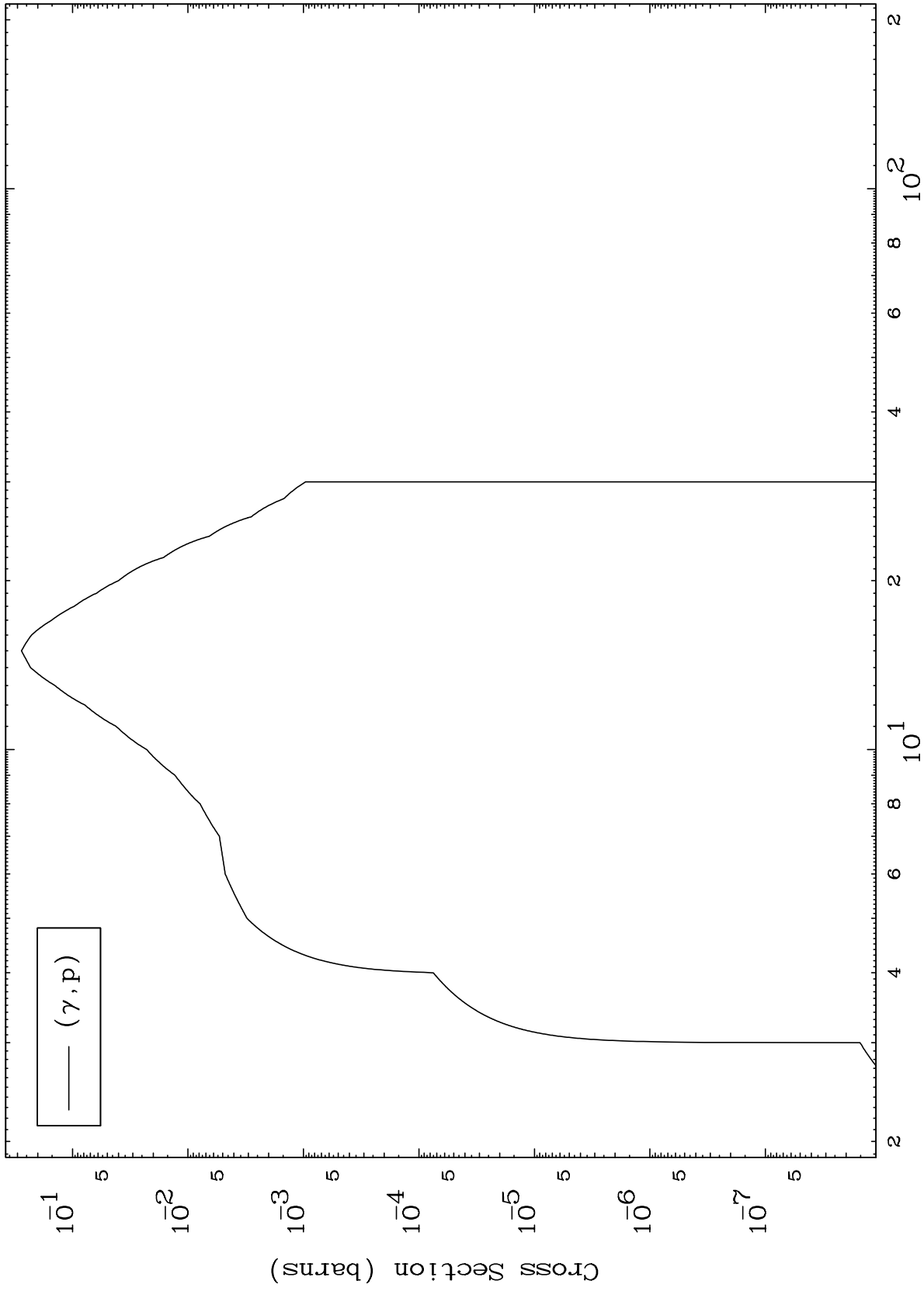
Incident Energy (MeV)

65-Tb-144

MAT 6481

(γ, p) Levels
0 Kelvin Cross Sections

65-Tb-144



6

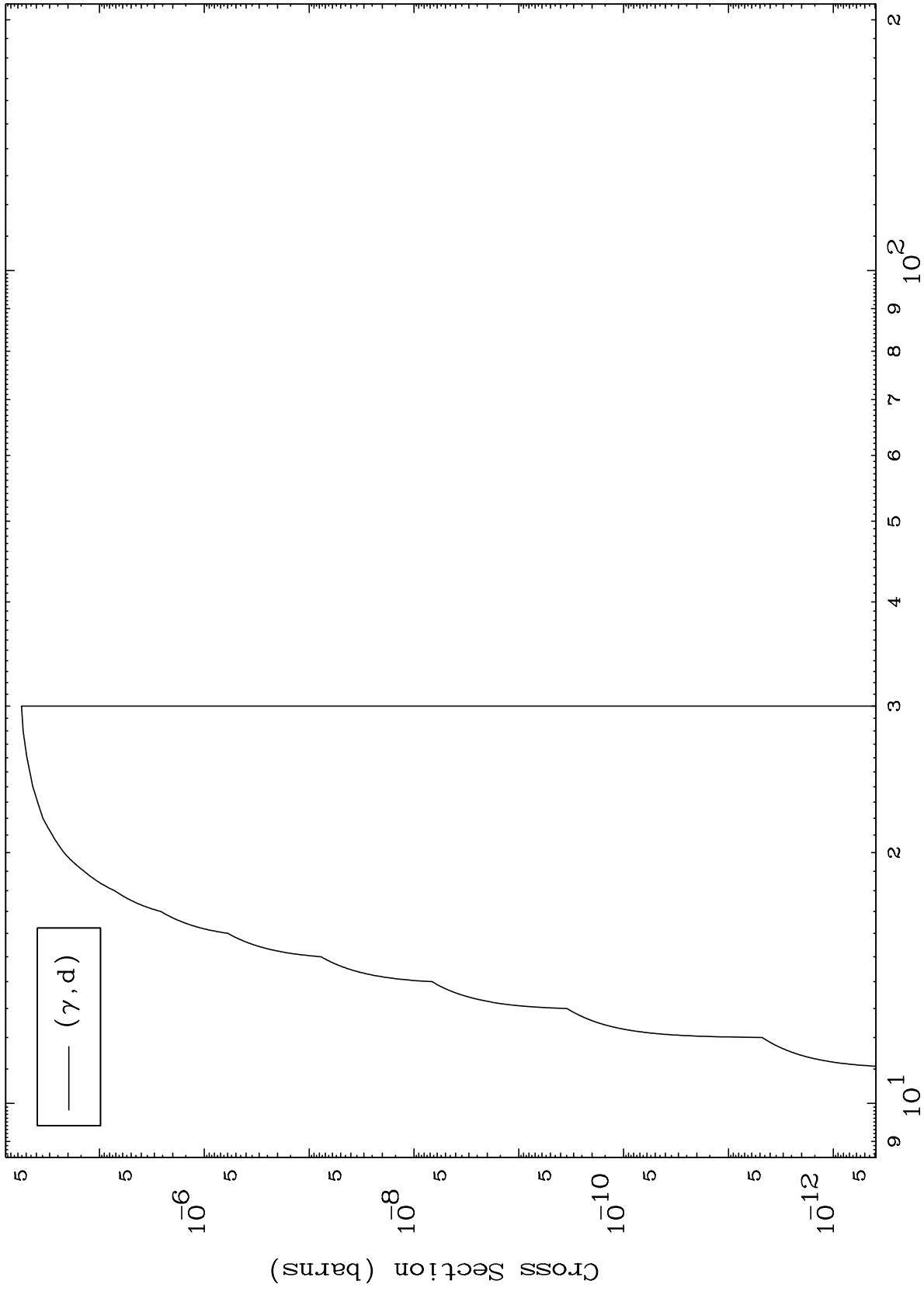
Incident Energy (MeV)

65-Tb-144

MAT 6481

(γ, d) Levels
0 Kelvin Cross Sections

65-Tb-144



γ

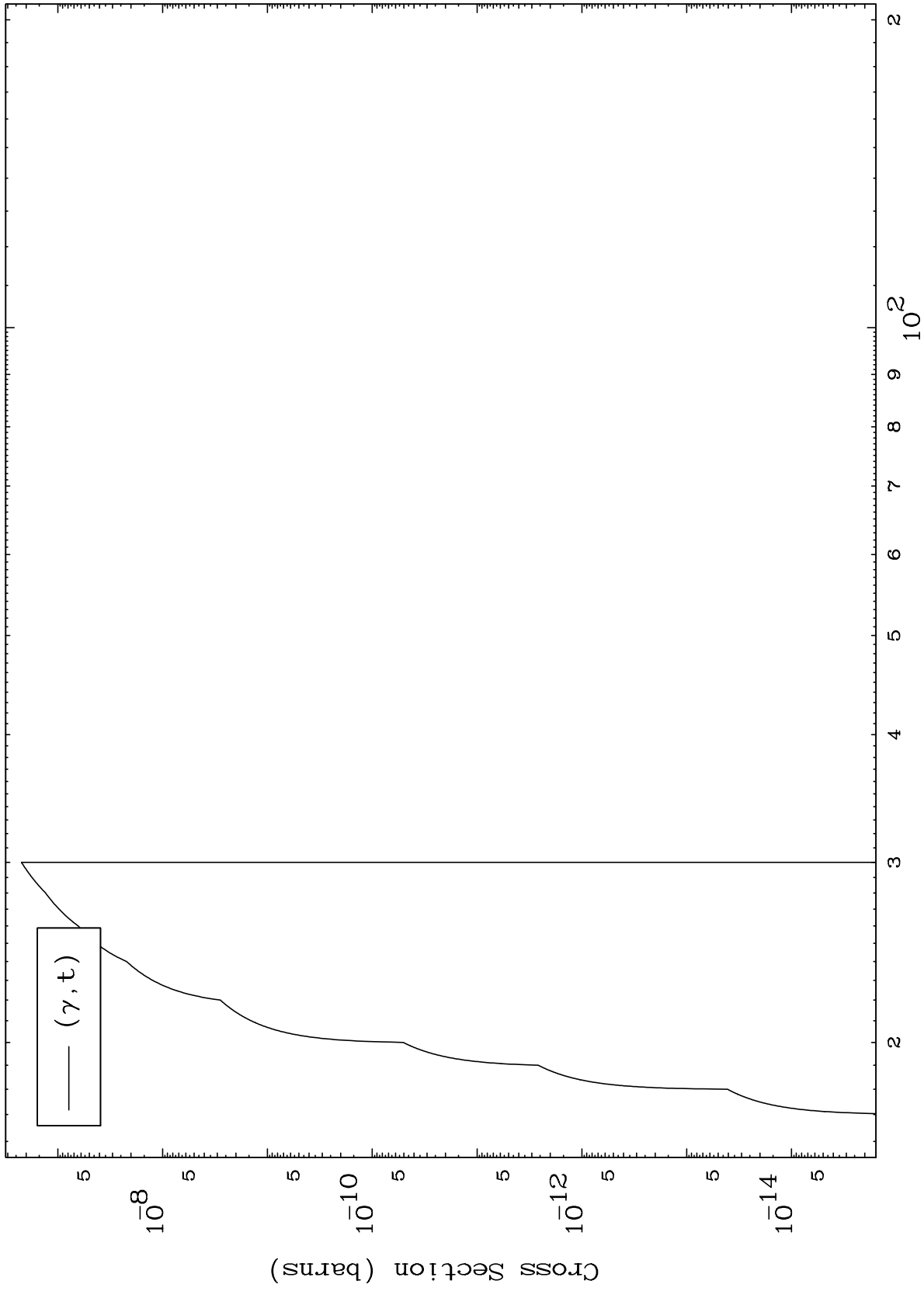
Incident Energy (MeV)

65-Tb-144

MAT 6481

(γ, t) Levels
0 Kelvin Cross Sections

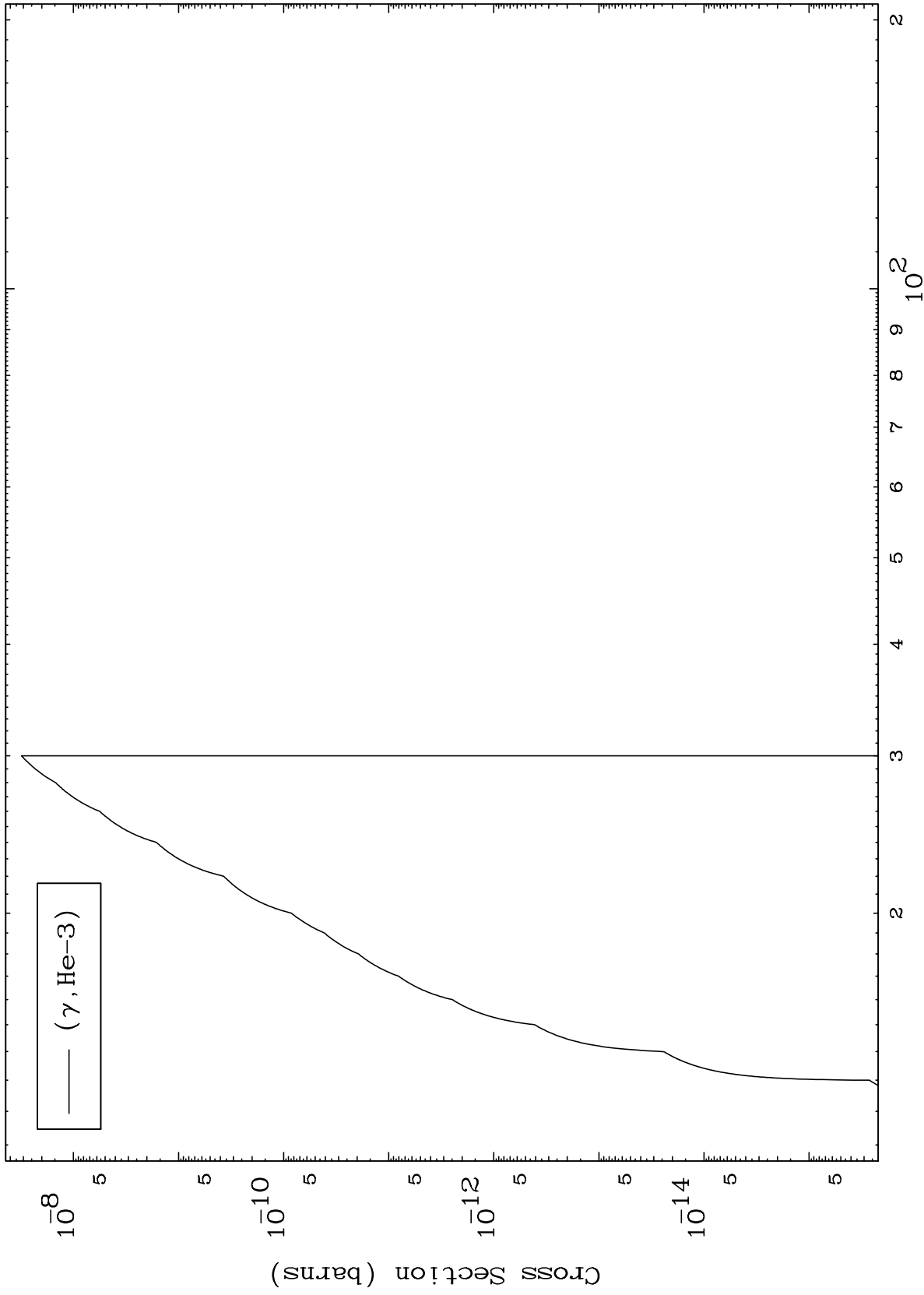
65-Tb-144



8

Incident Energy (MeV)

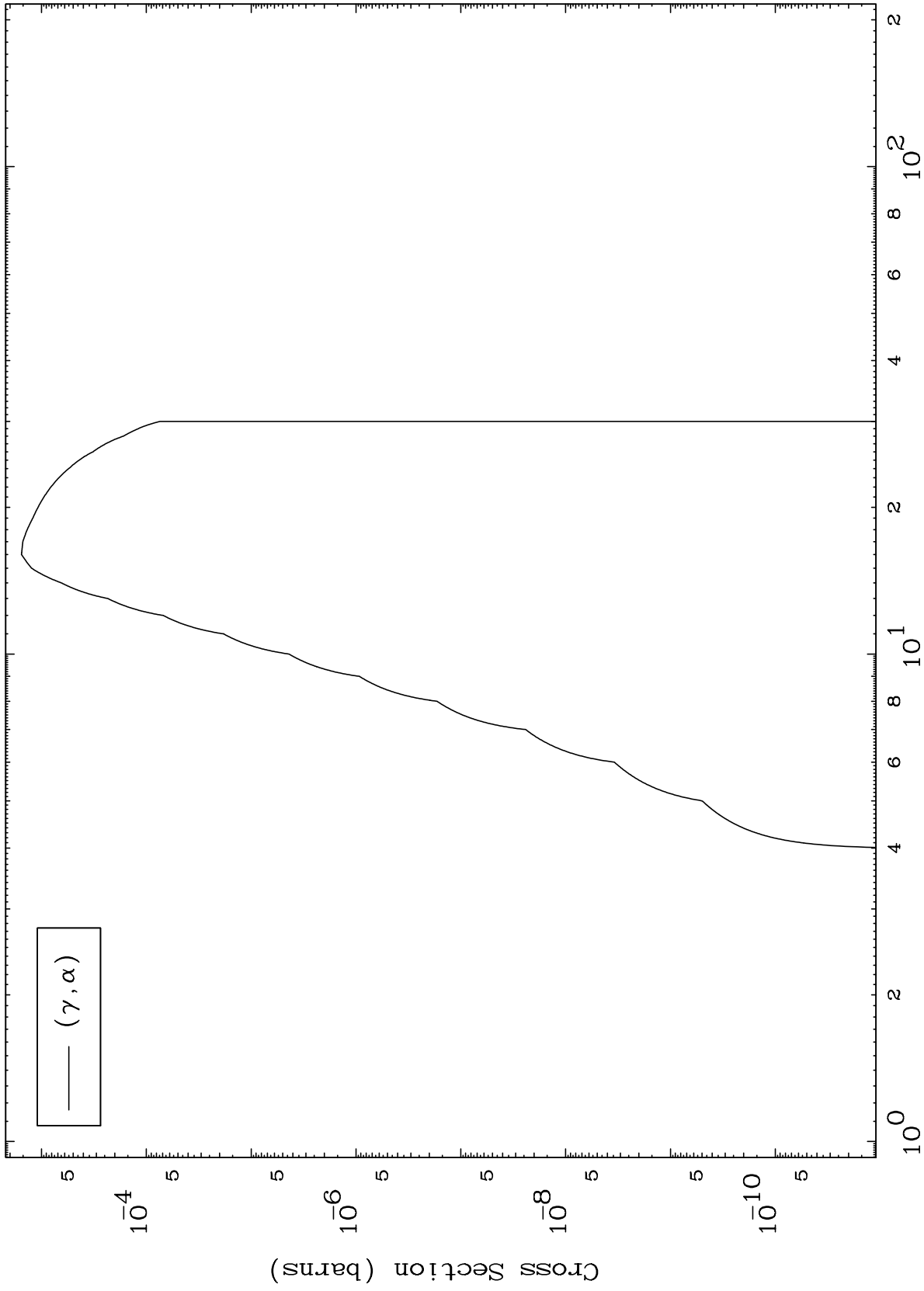
65-Tb-144



MAT 6481

(γ, α) Levels
0 Kelvin Cross Sections

65-Tb-144



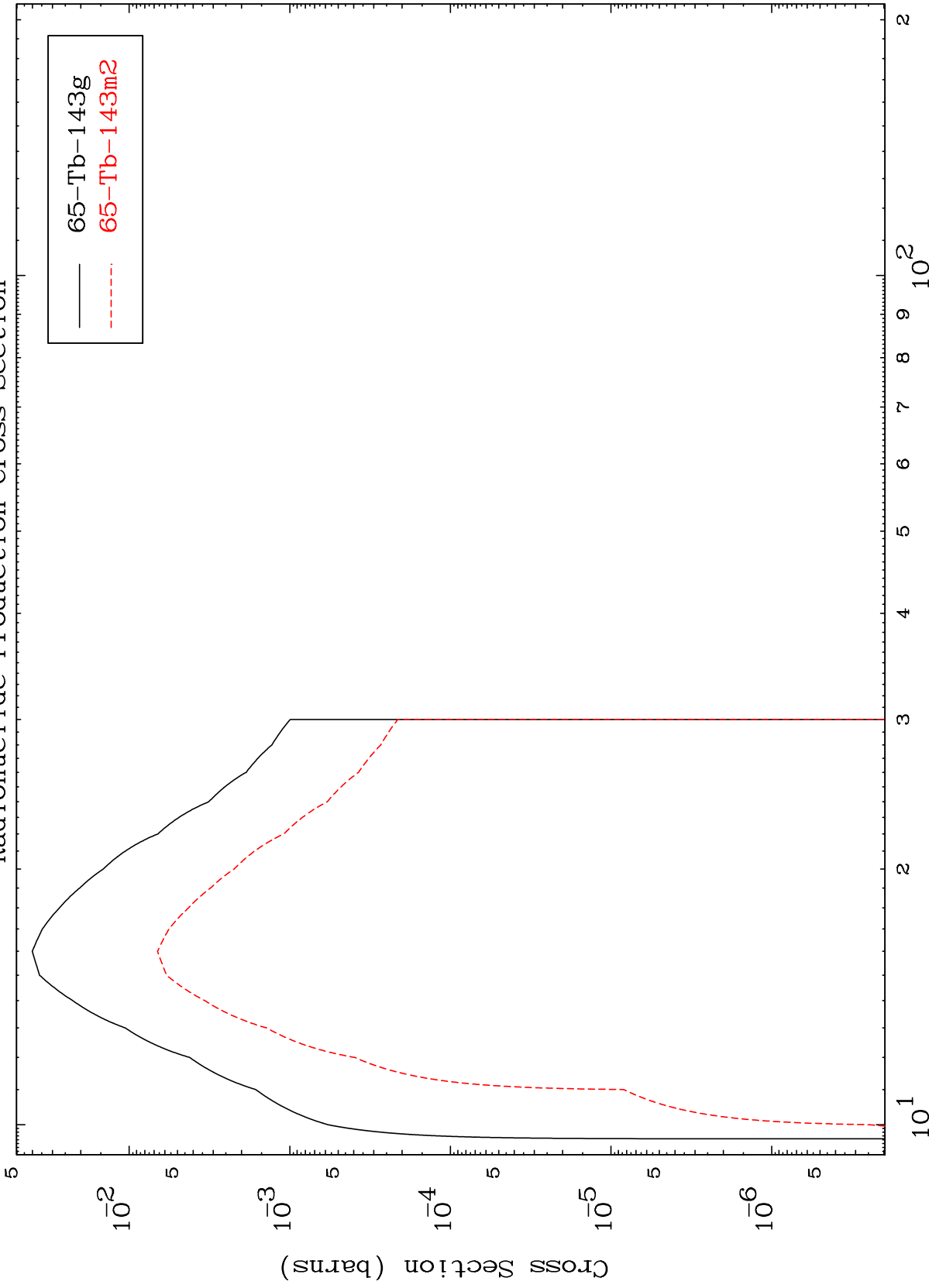
Incident Energy (MeV)

65-Tb-144

MAT 6481

65-Tb-144

Photon Inelastic
Radionuclide Production Cross Section



65-Tb-144

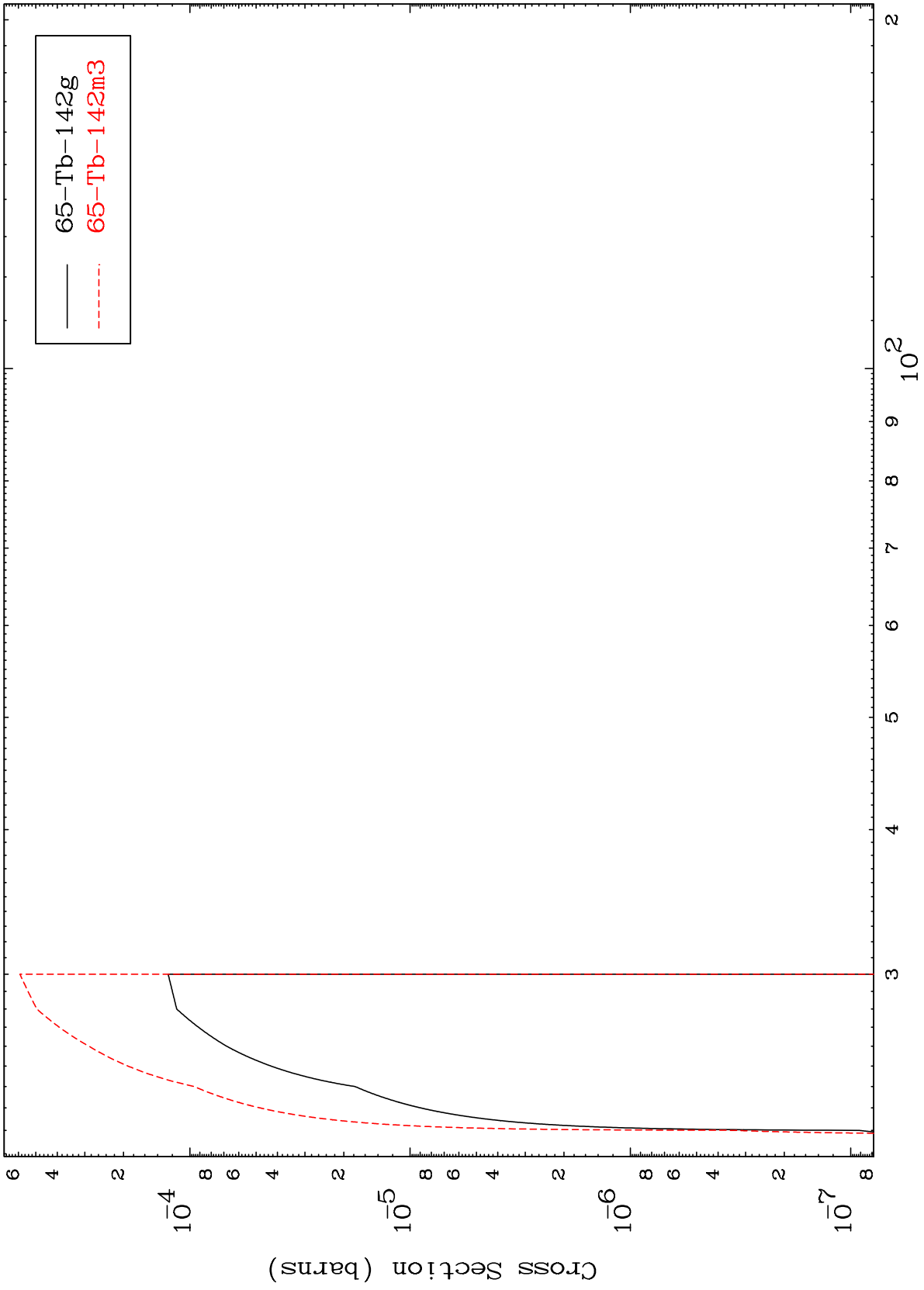
Incident Energy (MeV)

11

MAT 6481

65-Tb-144

($\gamma, 2n$)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

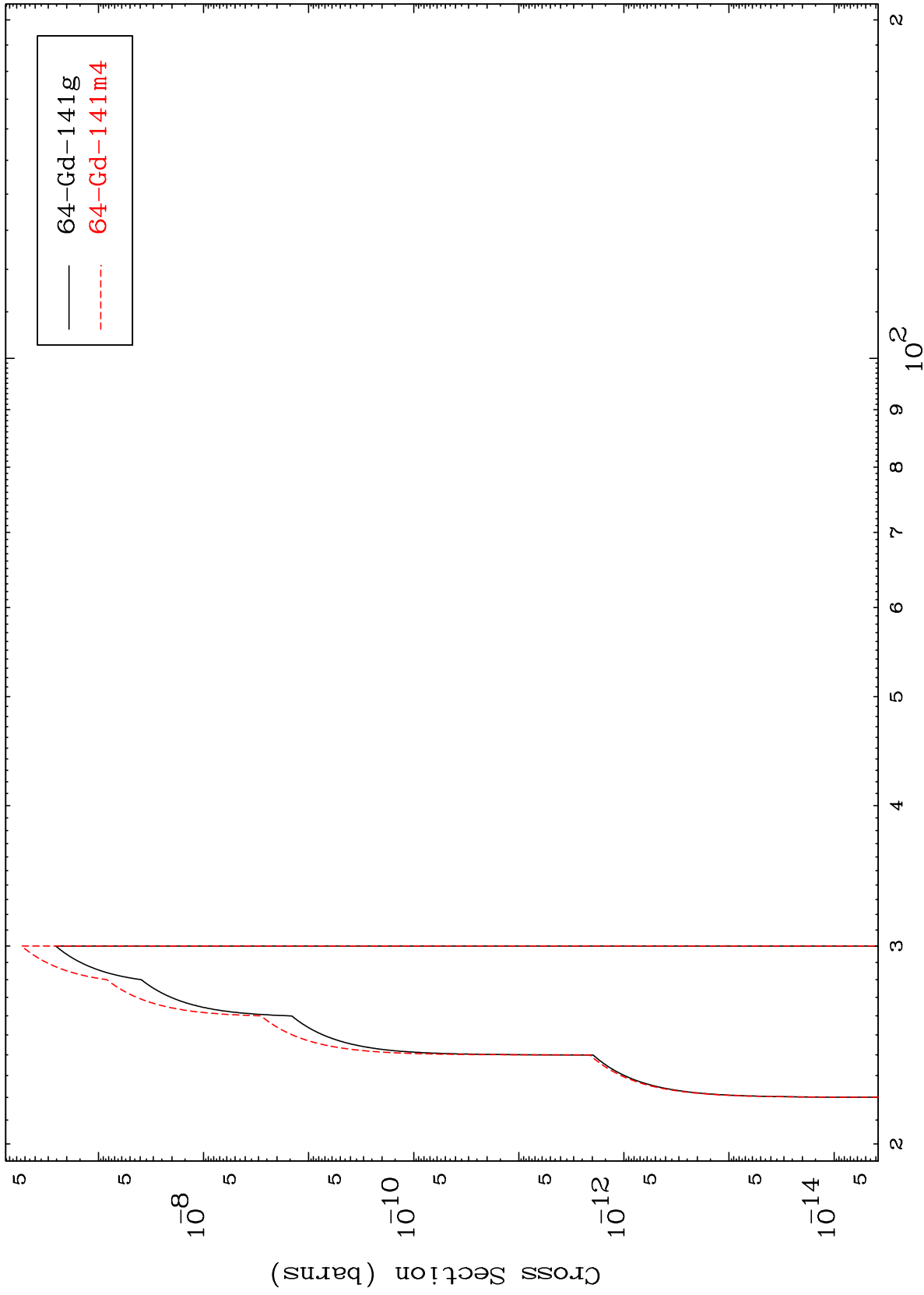
65-Tb-144

MAT 6481

(γ, n') d

65-Tb-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

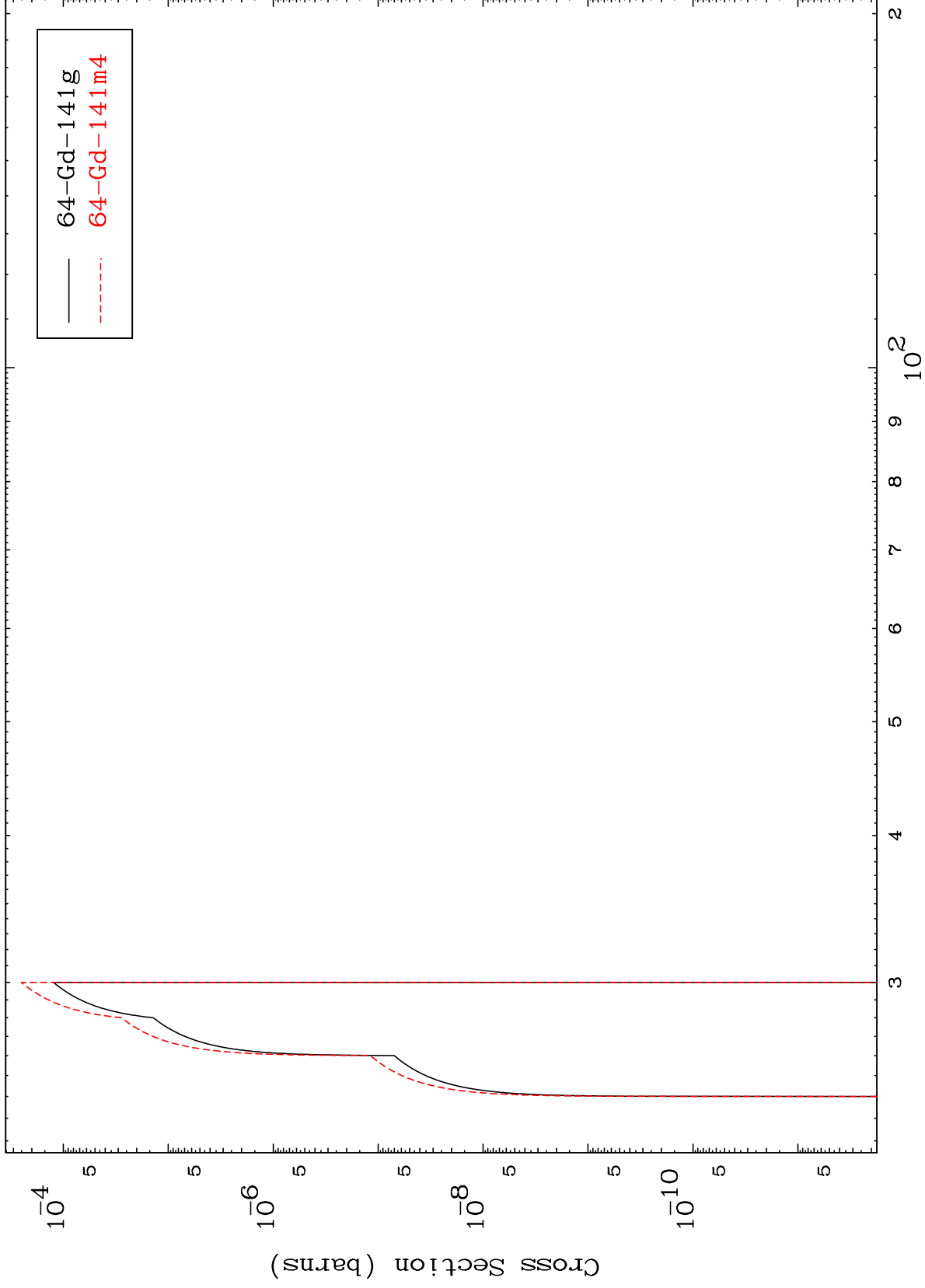
65-Tb-144

MAT 6481

($\gamma, 2n$) p

65-Tb-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

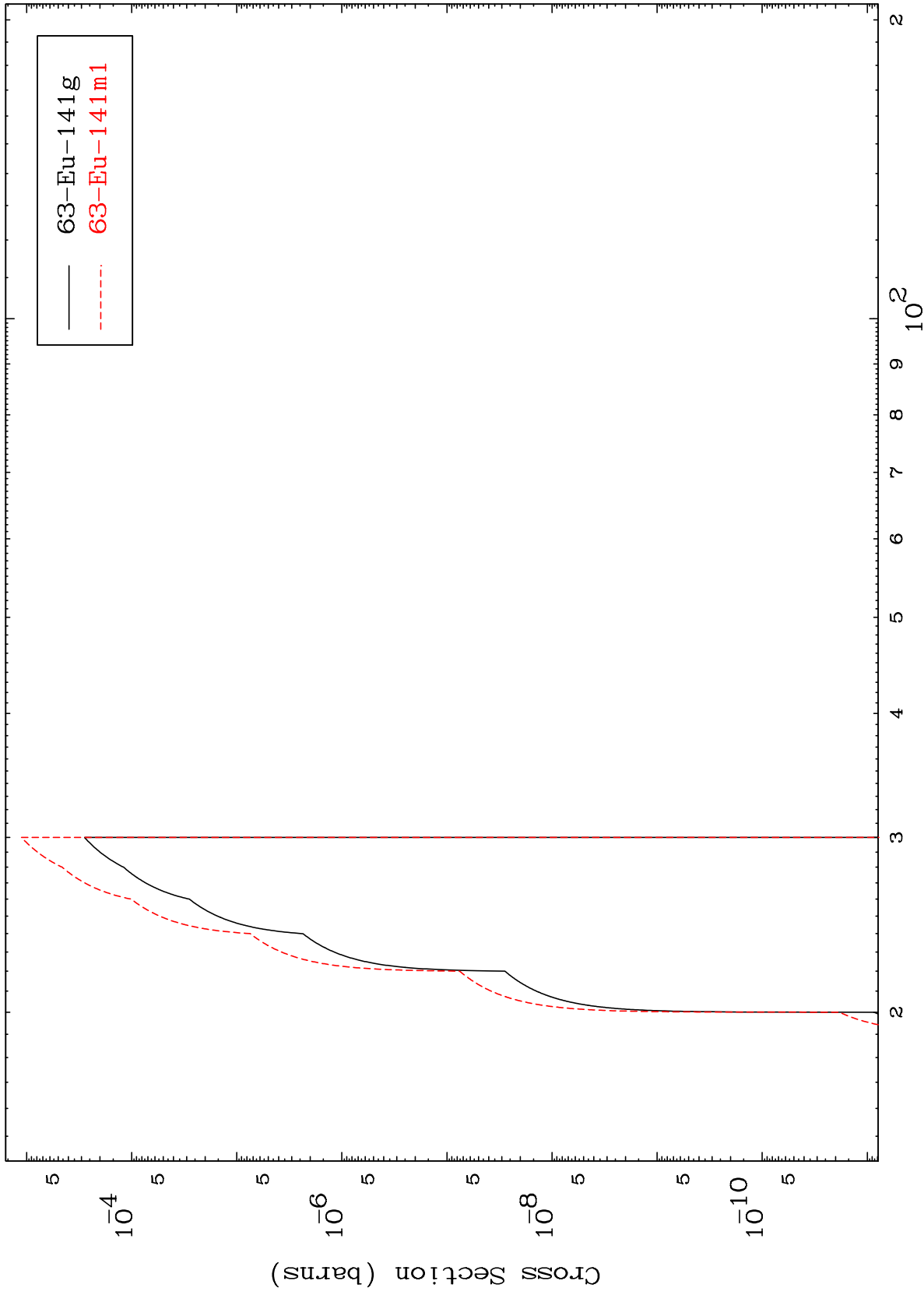
65-Tb-144

MAT 6481

($\gamma, 2n$) p

65-Tb-144

Radionuclide Production Cross Section



15

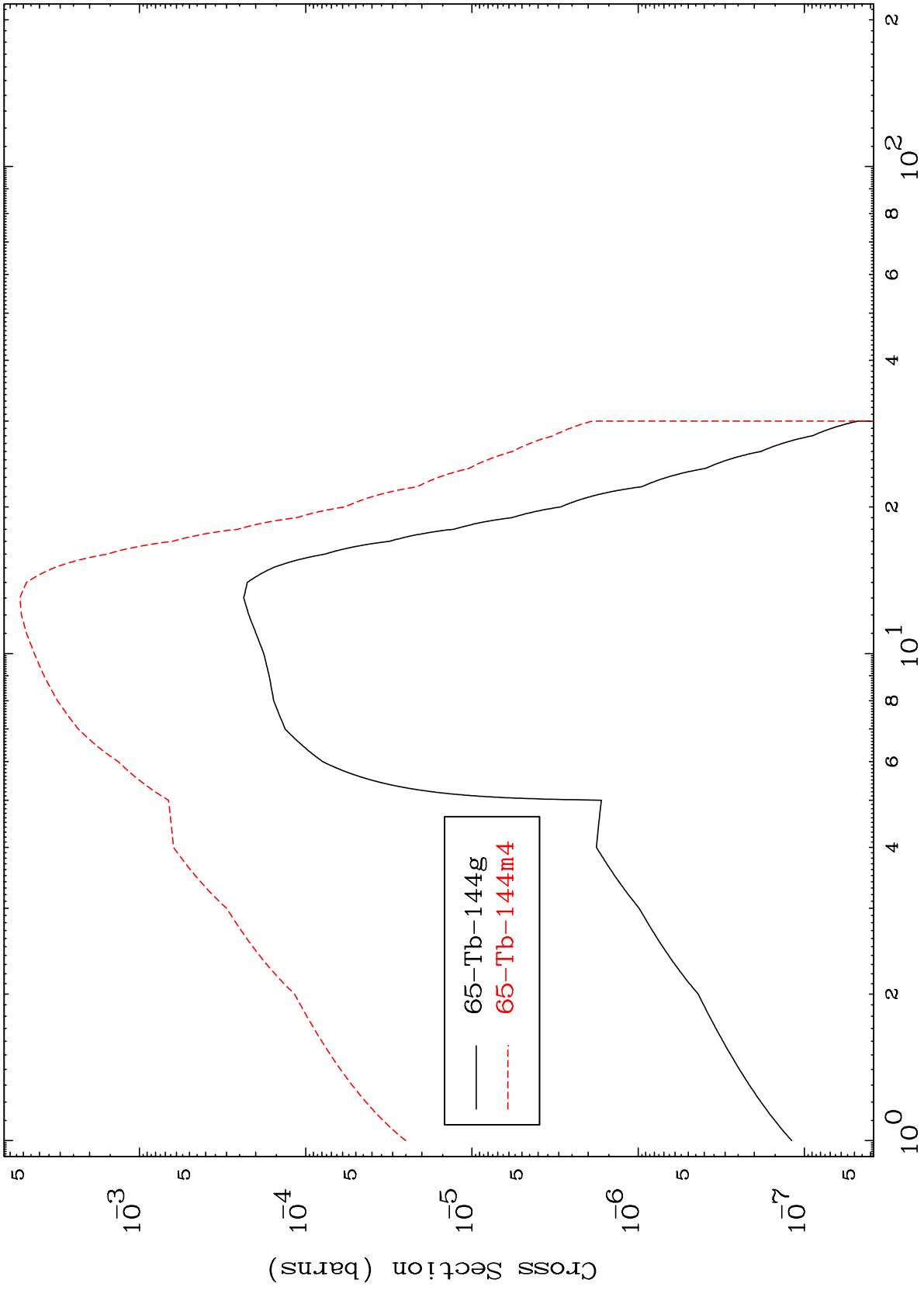
Incident Energy (MeV)

65-Tb-144

MAT 6481

Radionuclide Production Cross Section
(γ, γ)

65-Tb-144



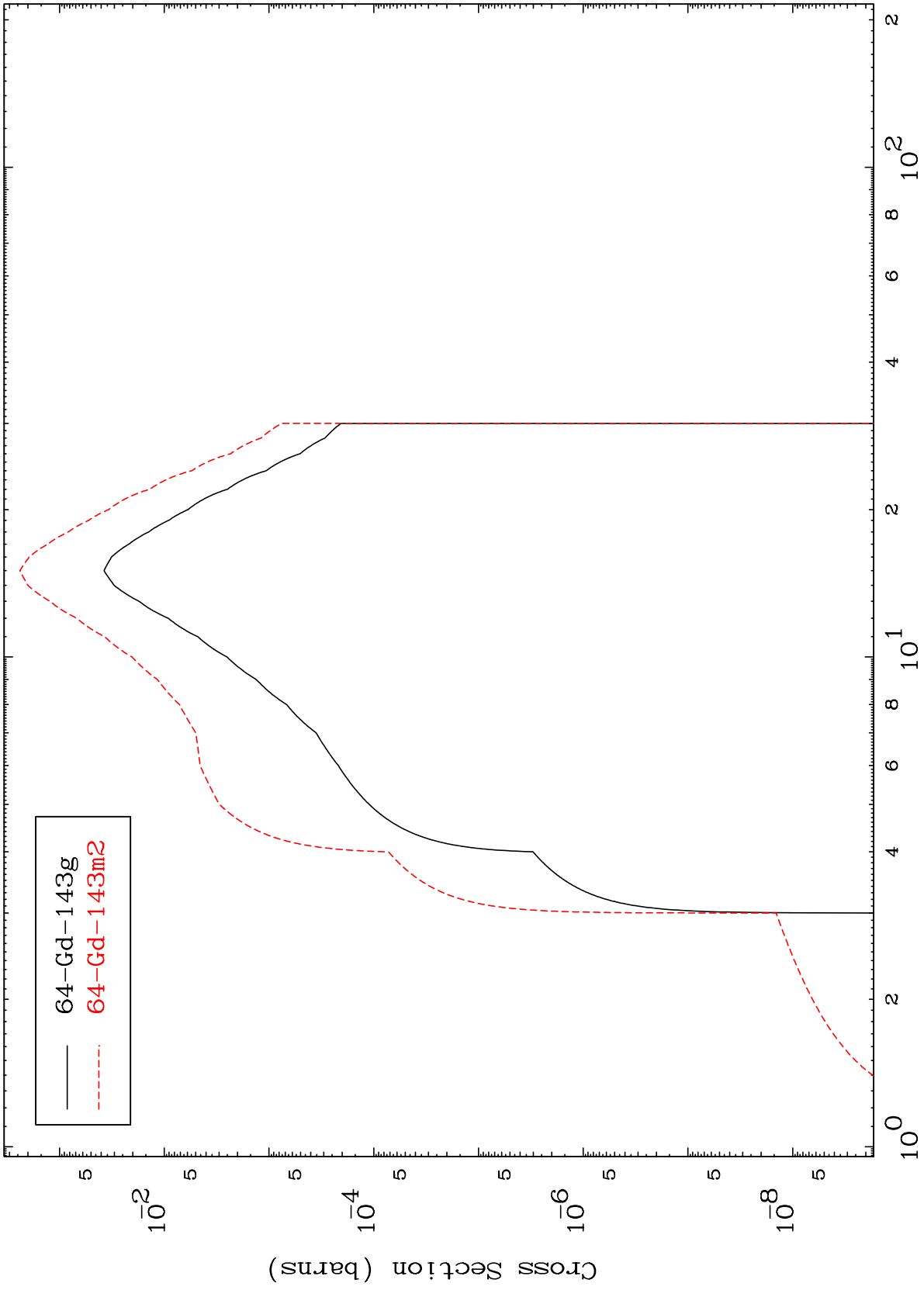
Incident Energy (MeV)

65-Tb-144

MAT 6481

Radionuclide Production Cross Section
(γ, p)

$^{65}\text{Tb-144}$



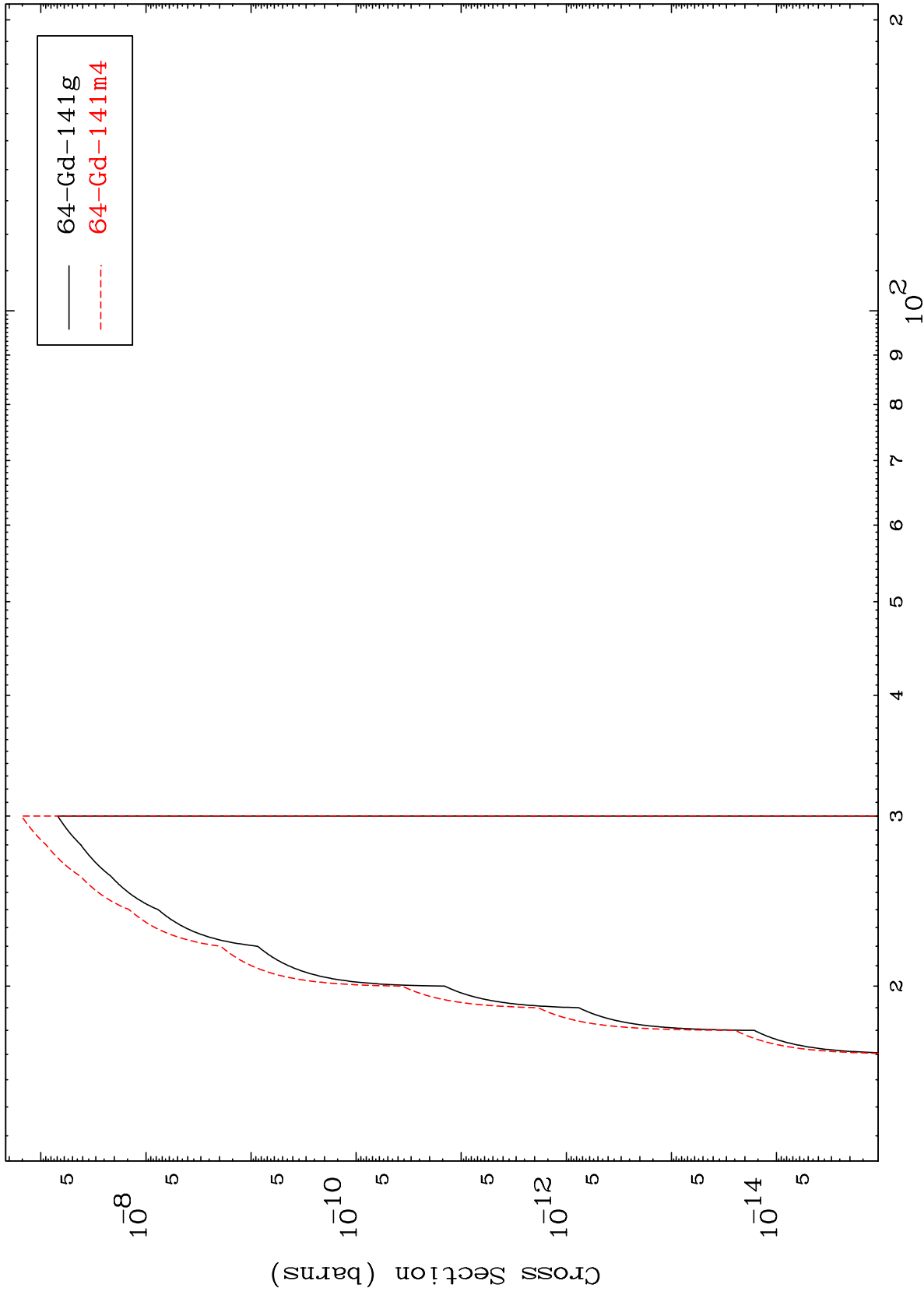
Incident Energy (MeV)

$^{65}\text{Tb-144}$

MAT 6481

65-Tb-144

(γ, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

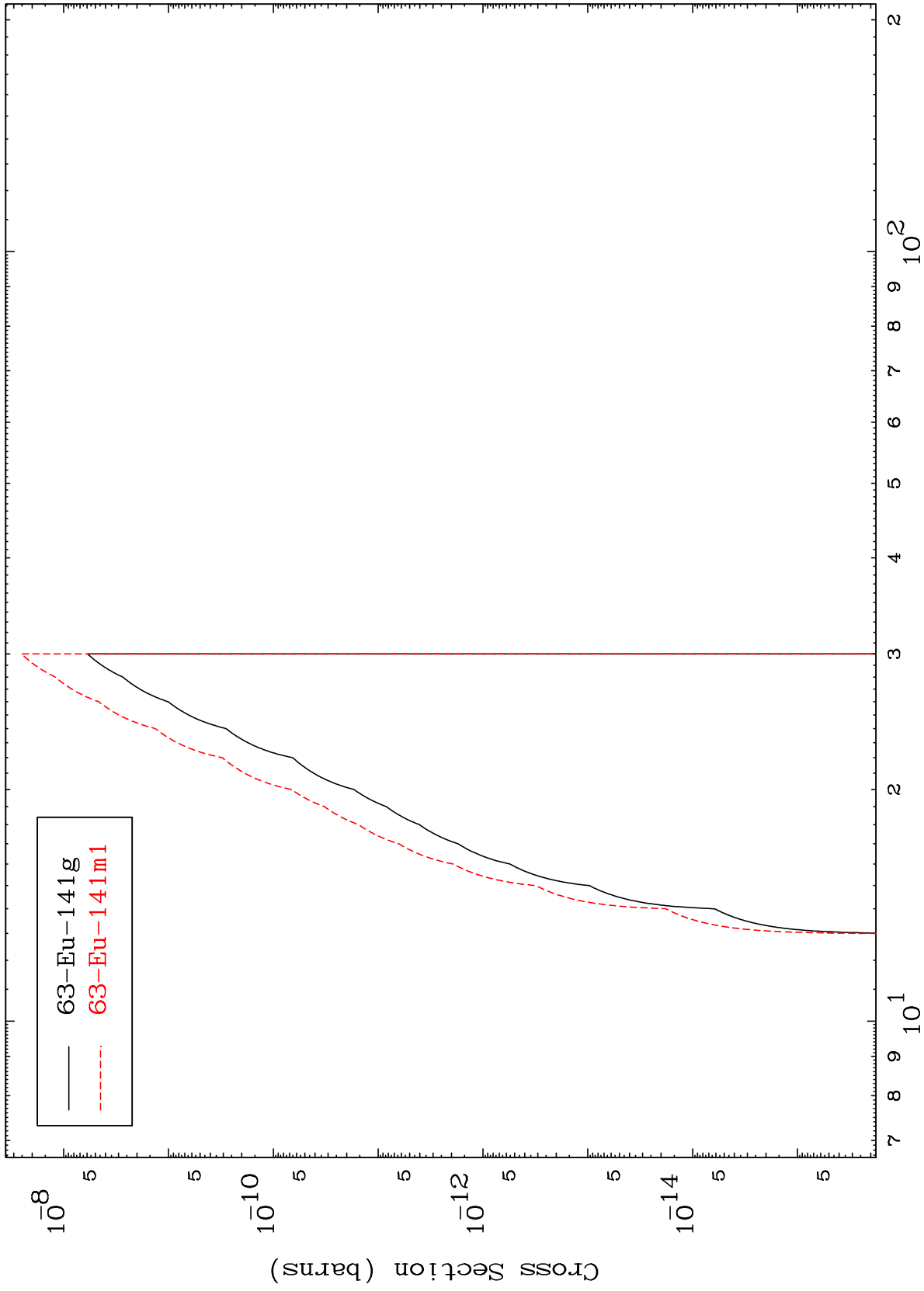
65-Tb-144

MAT 6481

($\gamma, \text{He-3}$)

65-Tb-144

Radionuclide Production Cross Section



19

Incident Energy (MeV)

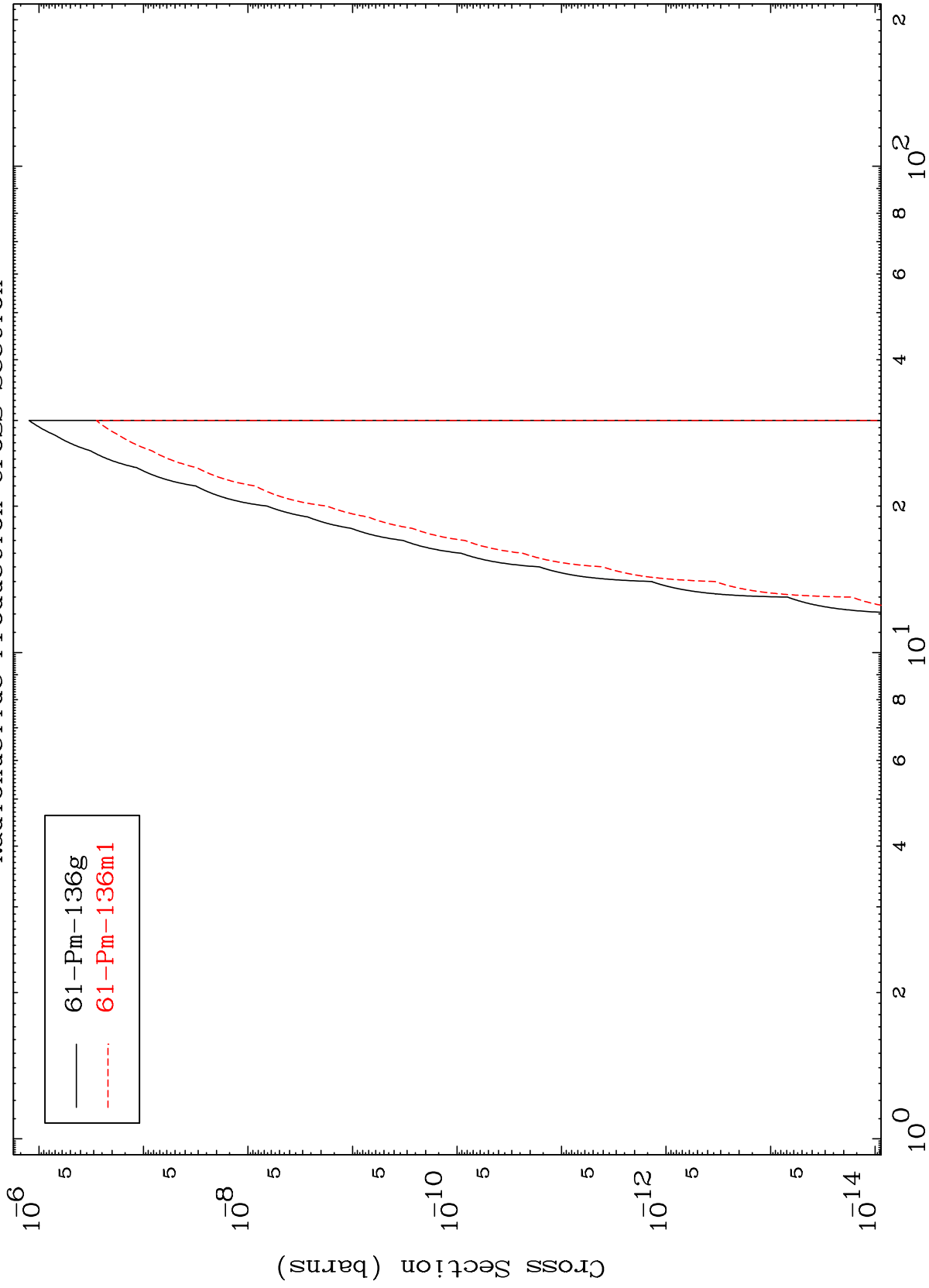
65-Tb-144

MAT 6481

($\gamma, 2\alpha$)

65-Tb-144

Radionuclide Production Cross Section



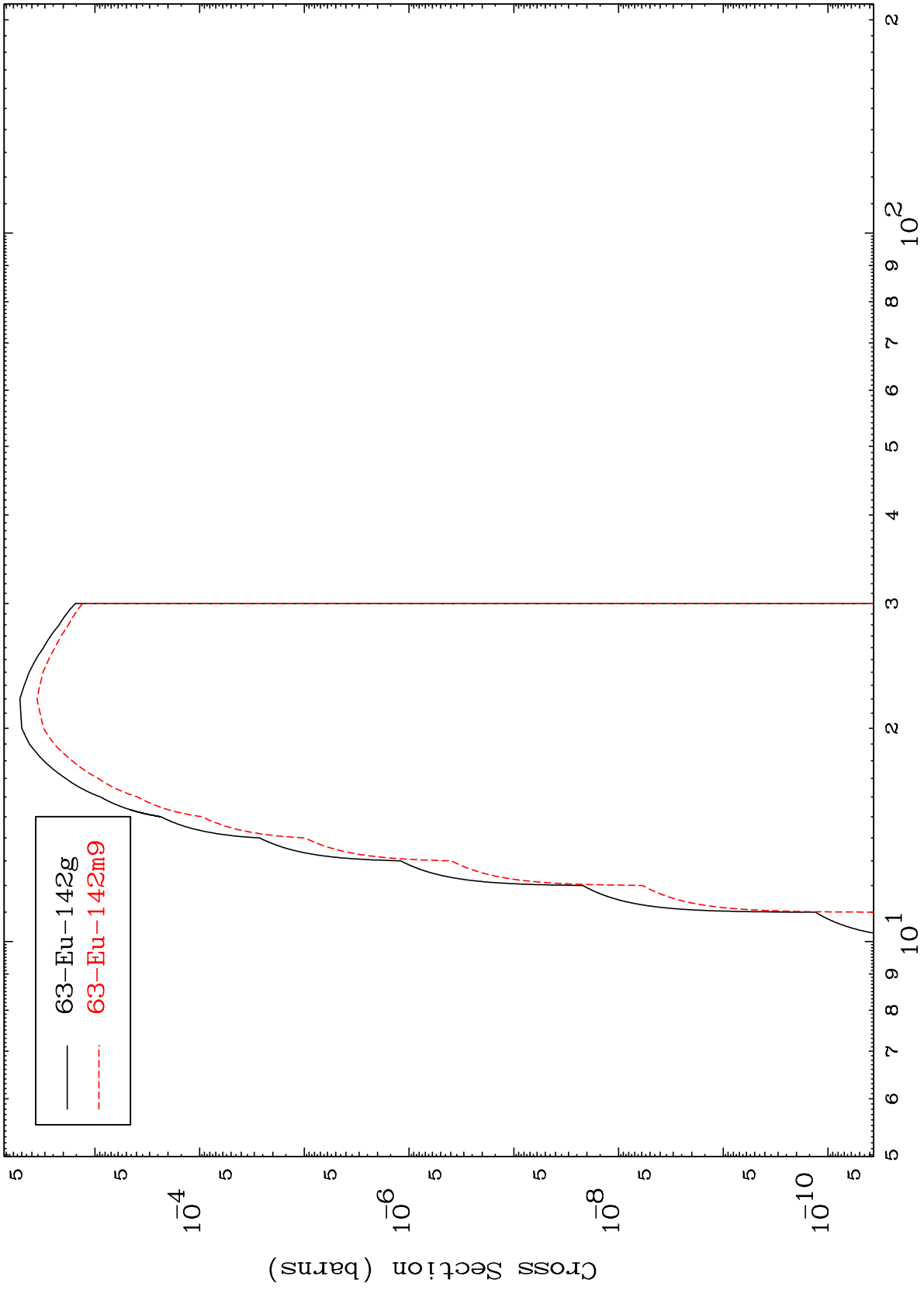
Incident Energy (MeV)

65-Tb-144

MAT 6481

65-Tb-144

($\gamma, 2p$)
Radionuclide Production Cross Section



21

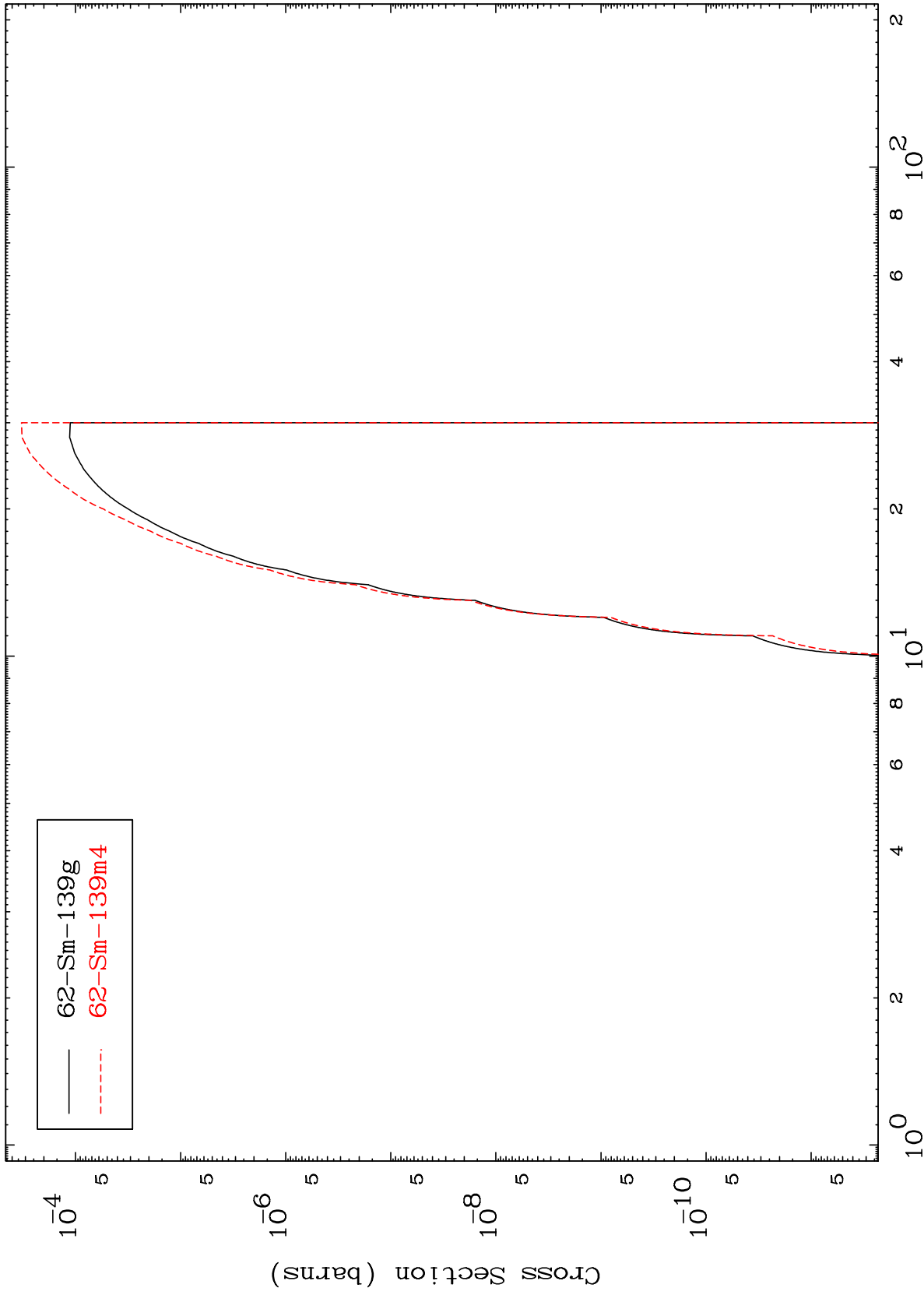
65-Tb-144

MAT 6481

(γ, p) α

65-Tb-144

Radionuclide Production Cross Section



22

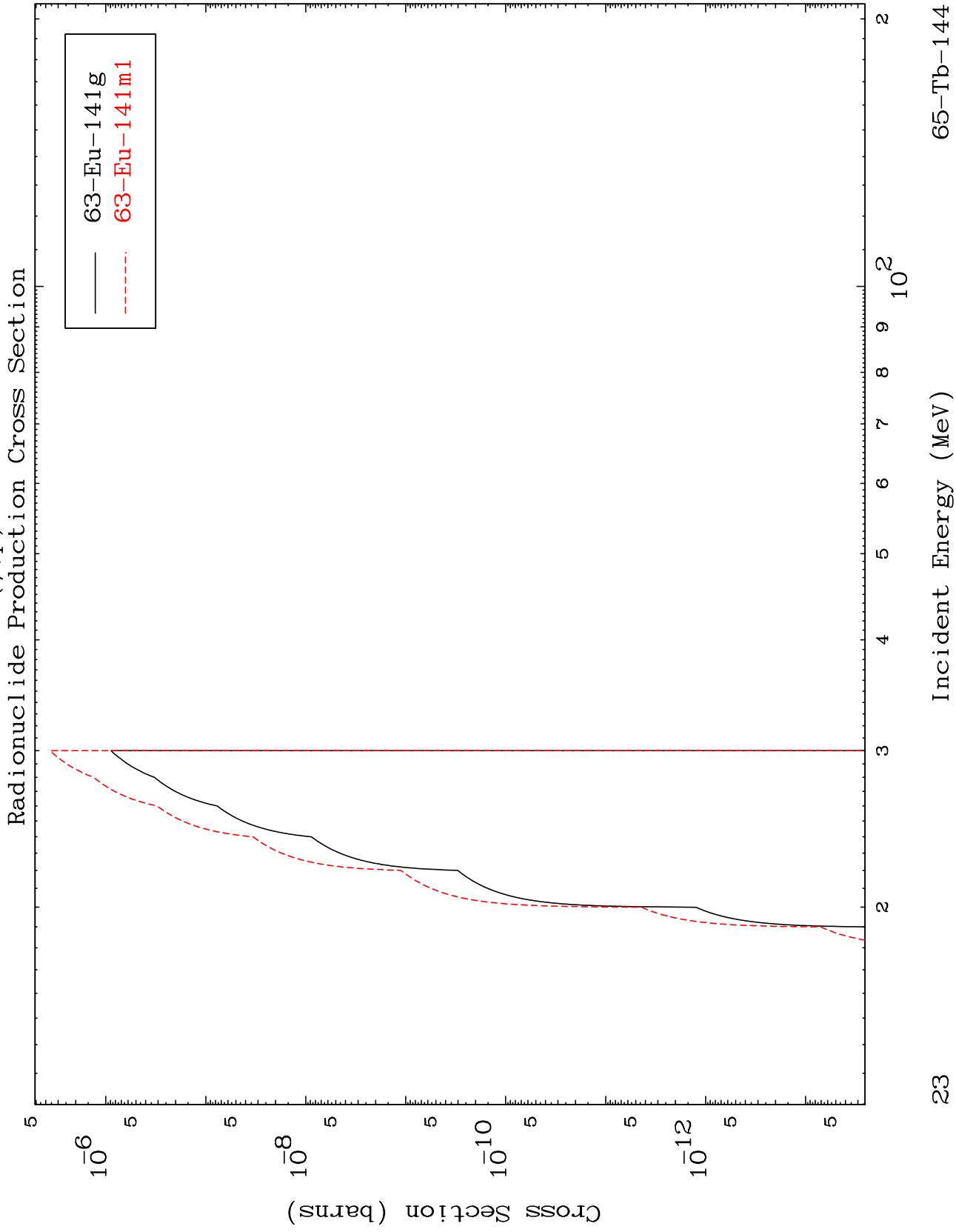
Incident Energy (MeV)

65-Tb-144

MAT 6481

(γ, p) d

65-Tb-144



23

65-Tb-144