

Program EVALPLOT
(Version 2021-1)

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

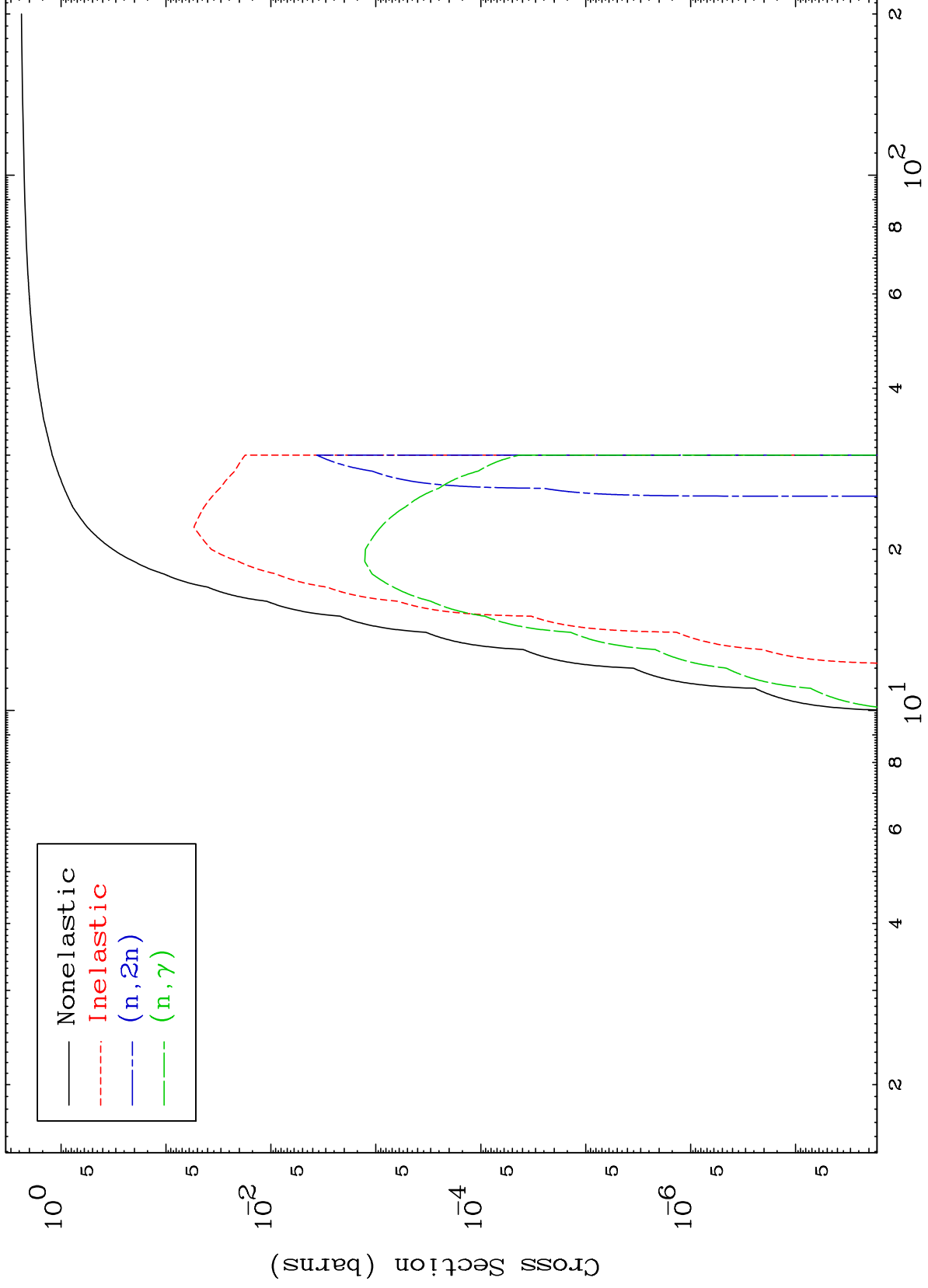
Press Mouse Button to Start

MAT 6481

0 Kelvin Cross Sections

α Major

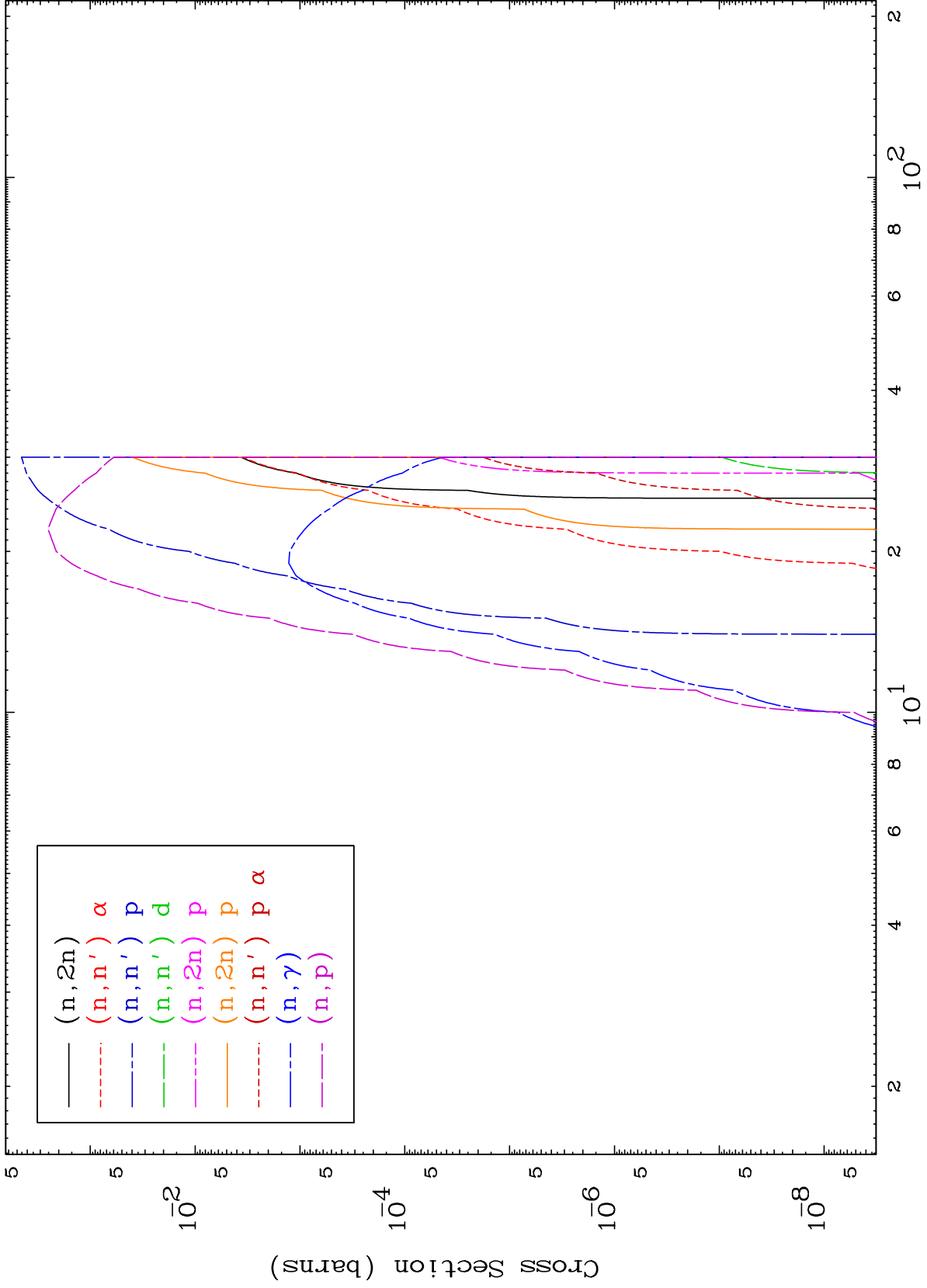
65-Tb-144m



MAT 6481

α Neutron Absorption
0 Kelvin Cross Sections

65-Tb-144m



2

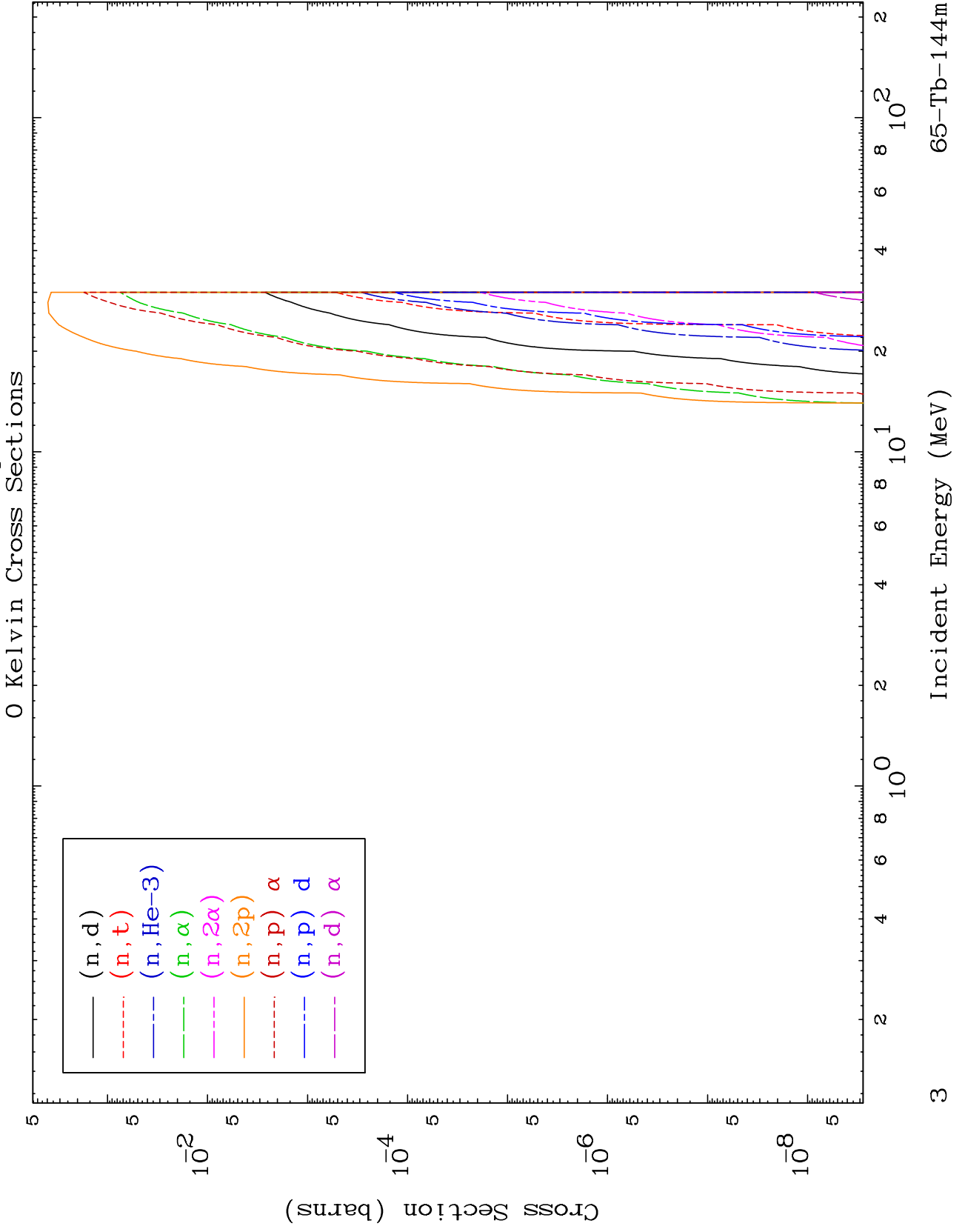
Incident Energy (MeV)

65-Tb-144m

MAT 6481

α Neutron Absorption

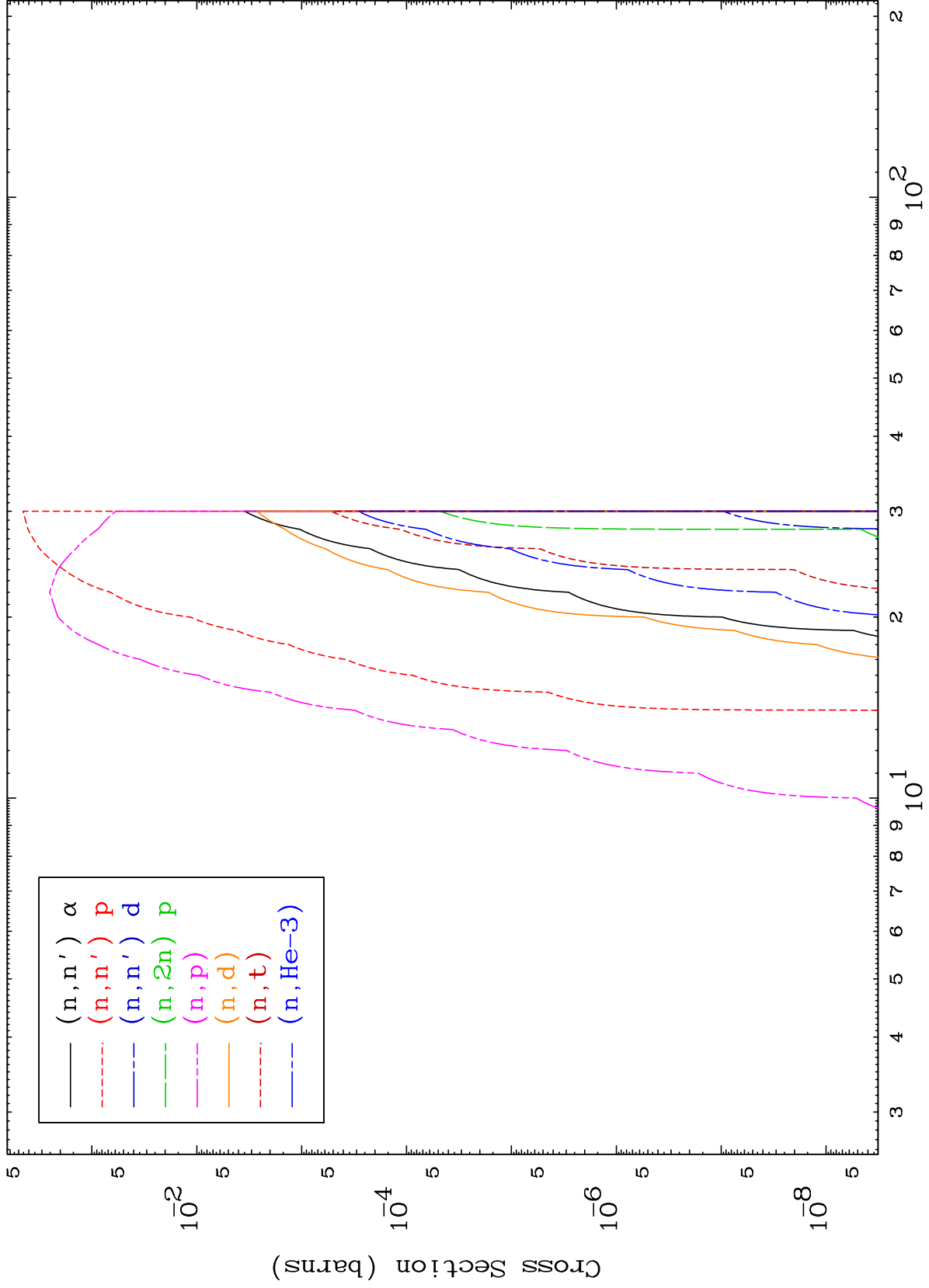
65-Tb-144m



MAT 6481

α Charged Particle
0 Kelvin Cross Sections

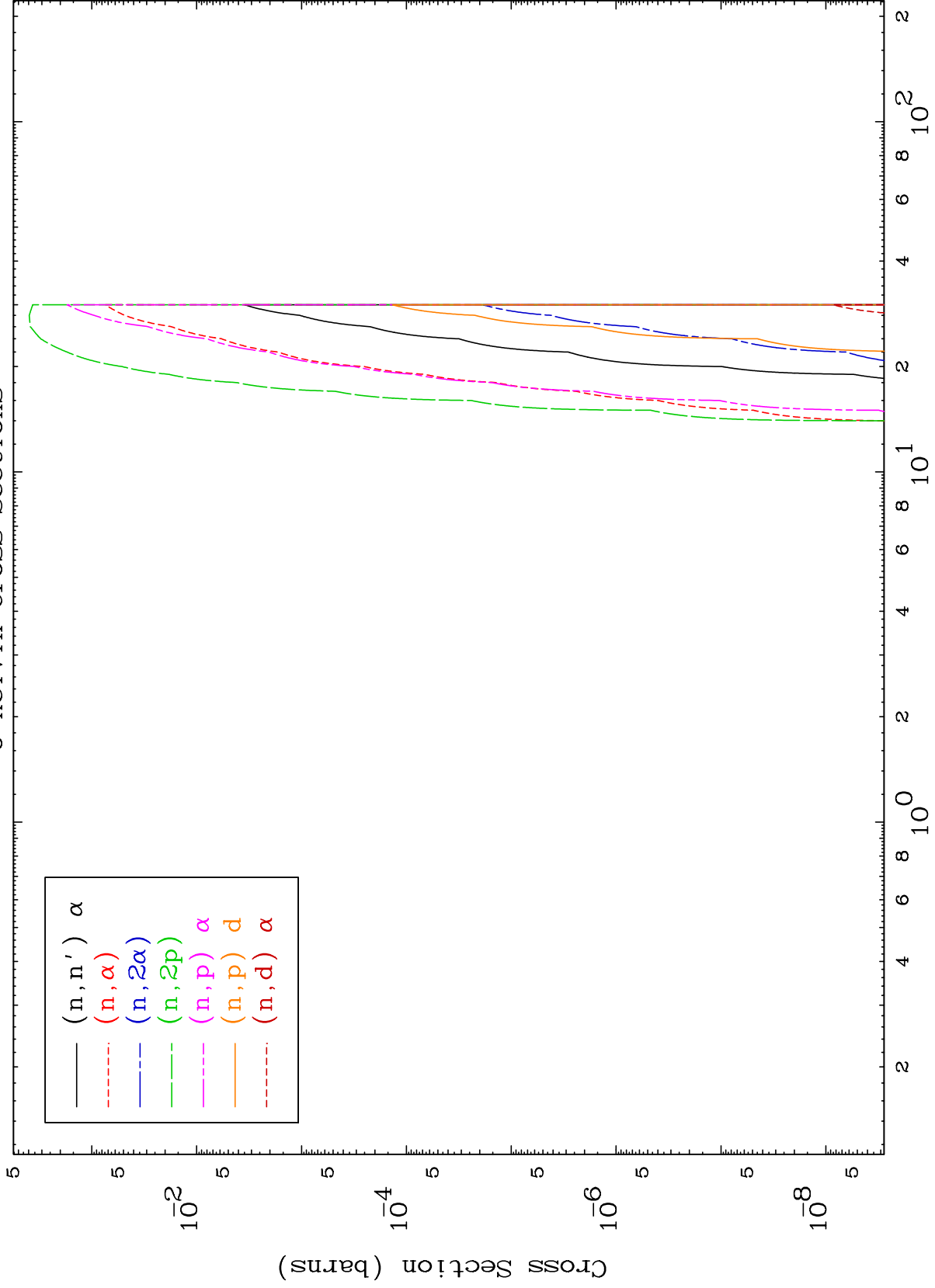
65-Tb-144m



MAT 6481

α Charged Particle
0 Kelvin Cross Sections

65-Tb-144m

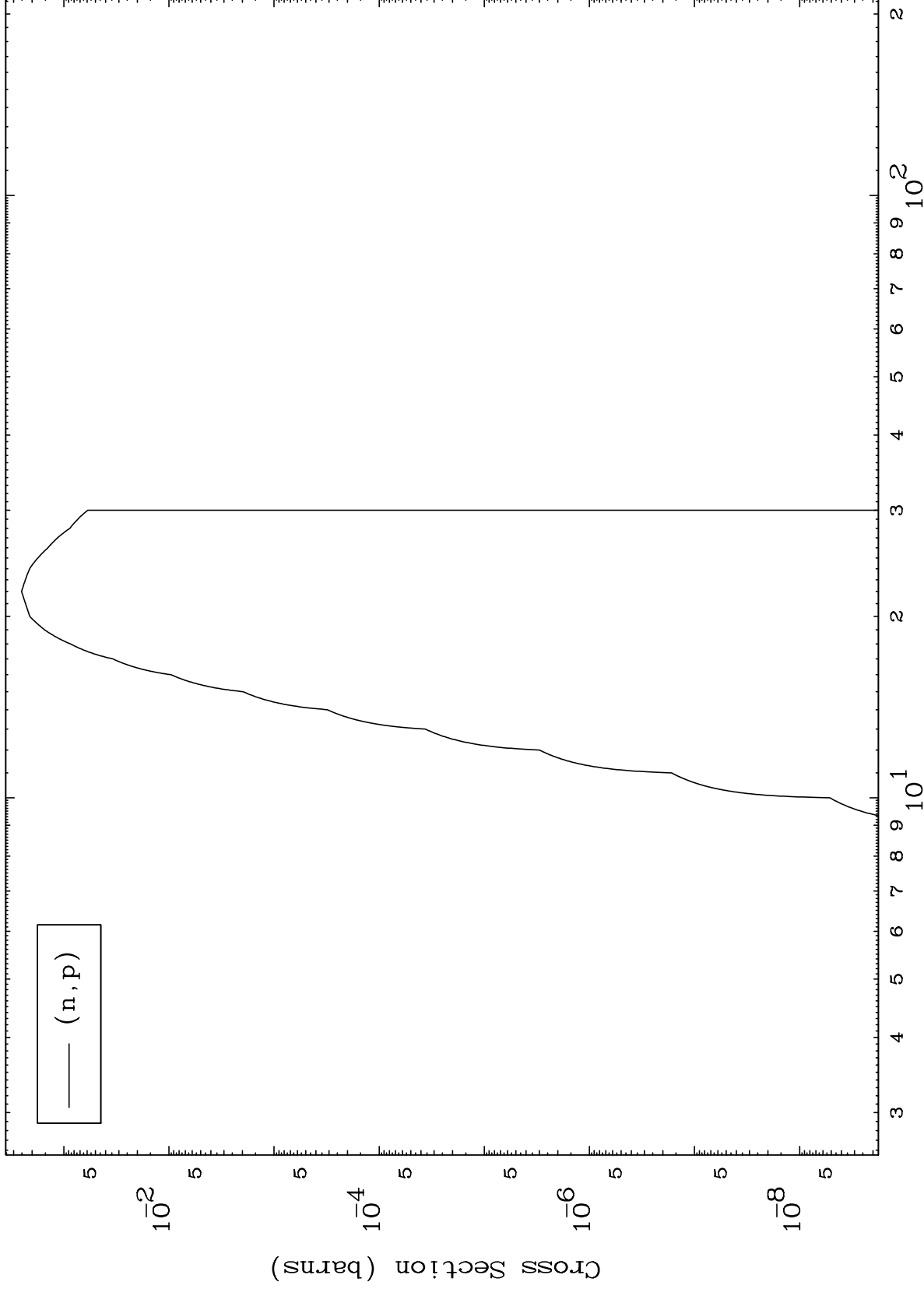


MAT 6481

(α, p) Levels

65-Tb-144m

0 Kelvin Cross Sections



6

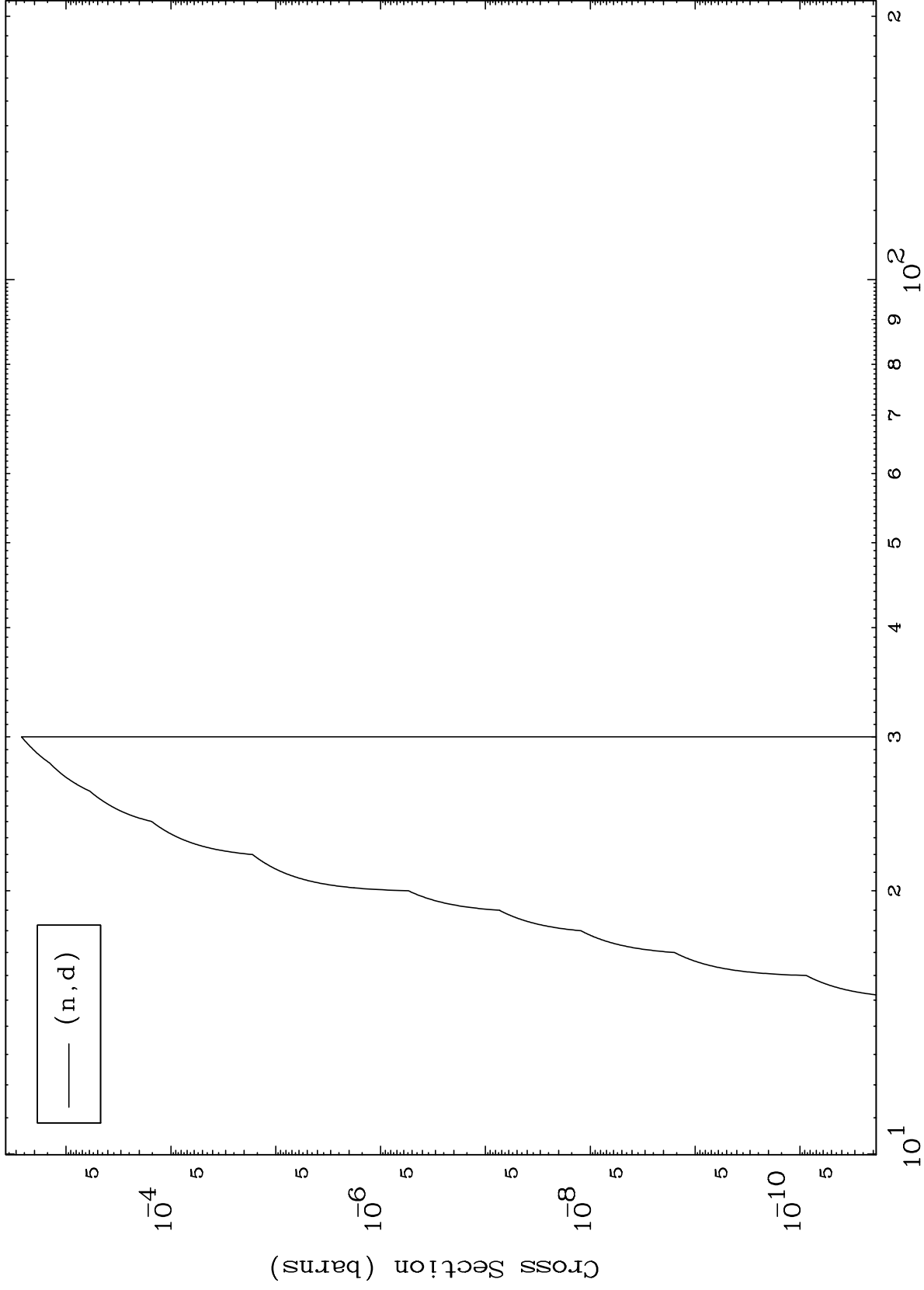
Incident Energy (MeV)

65-Tb-144m

MAT 6481

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-144m



65-Tb-144m

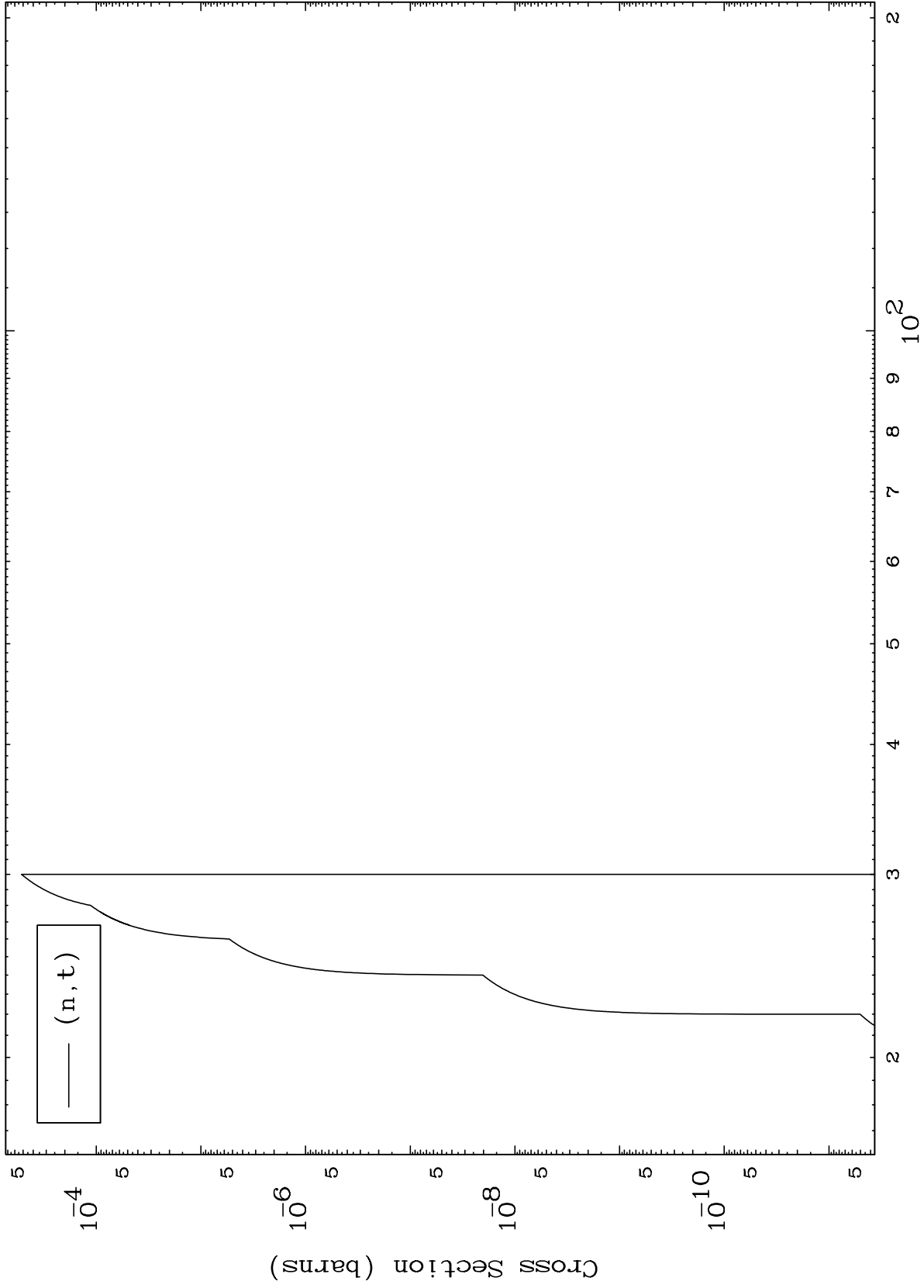
Incident Energy (MeV)

7

MAT 6481

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-144m



8

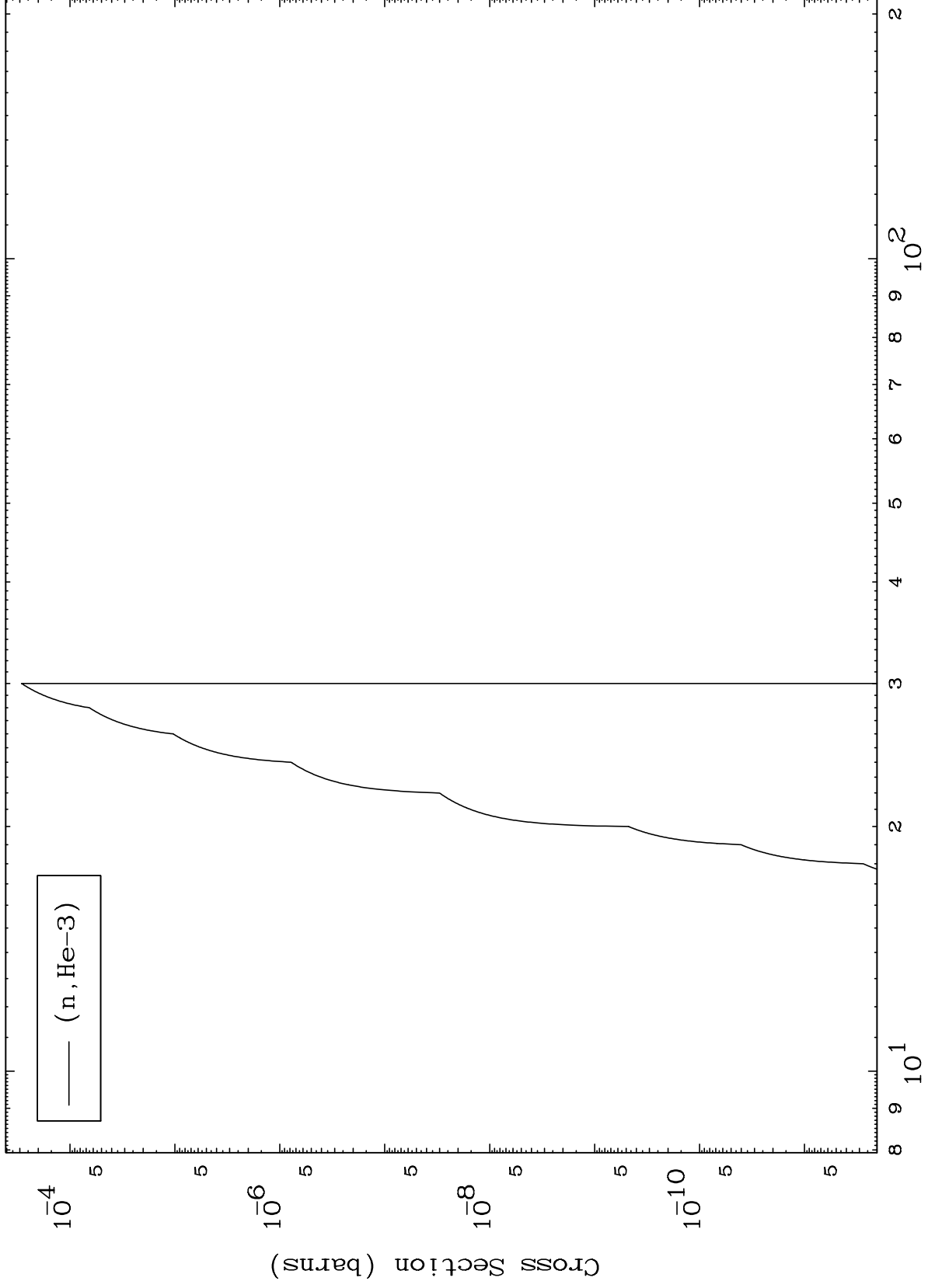
Incident Energy (MeV)

65-Tb-144m

MAT 6481

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

65-Tb-144m



9

Incident Energy (MeV)

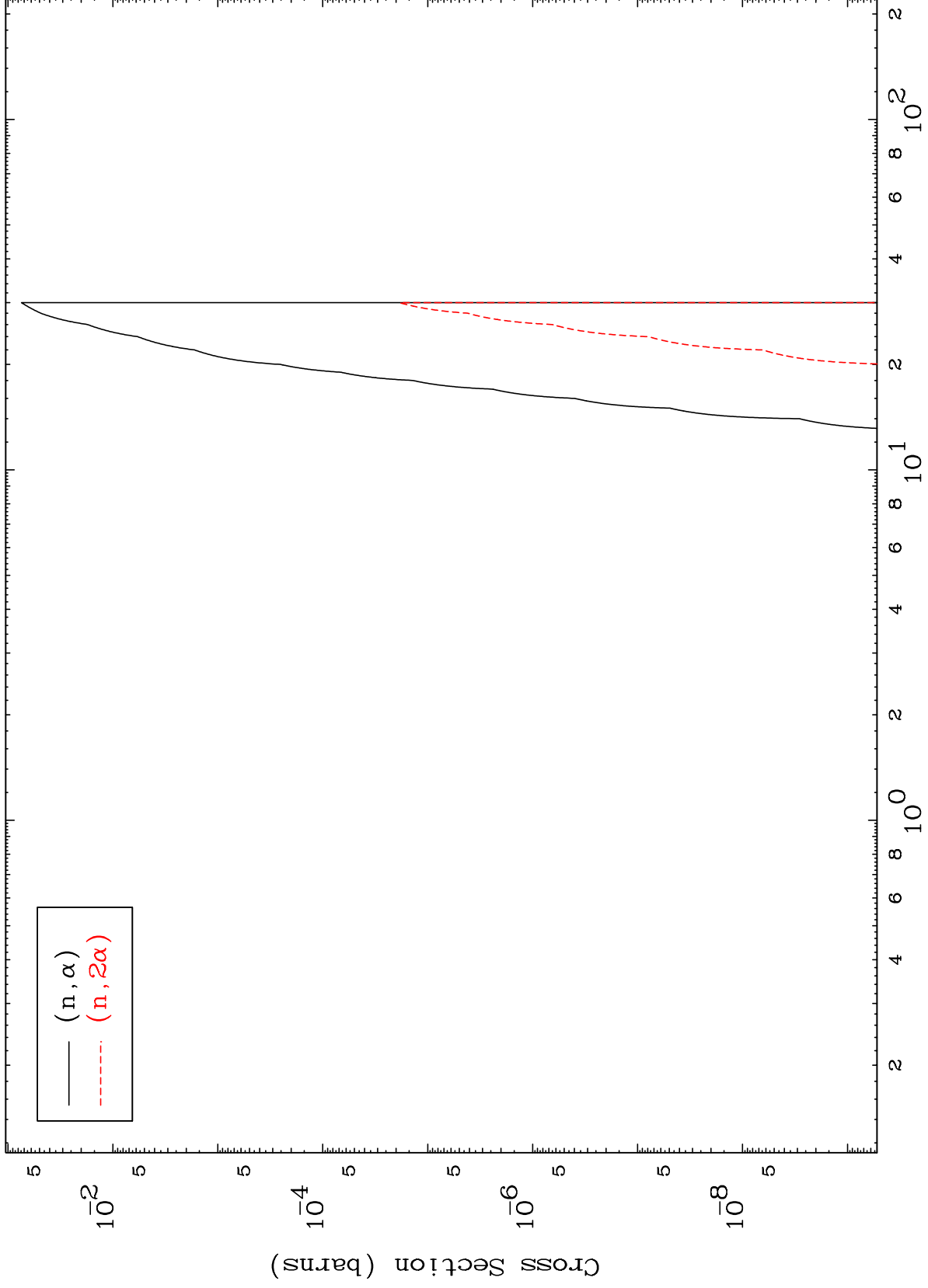
65-Tb-144m

MAT 6481

(α, α) Levels

65-Tb-144m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

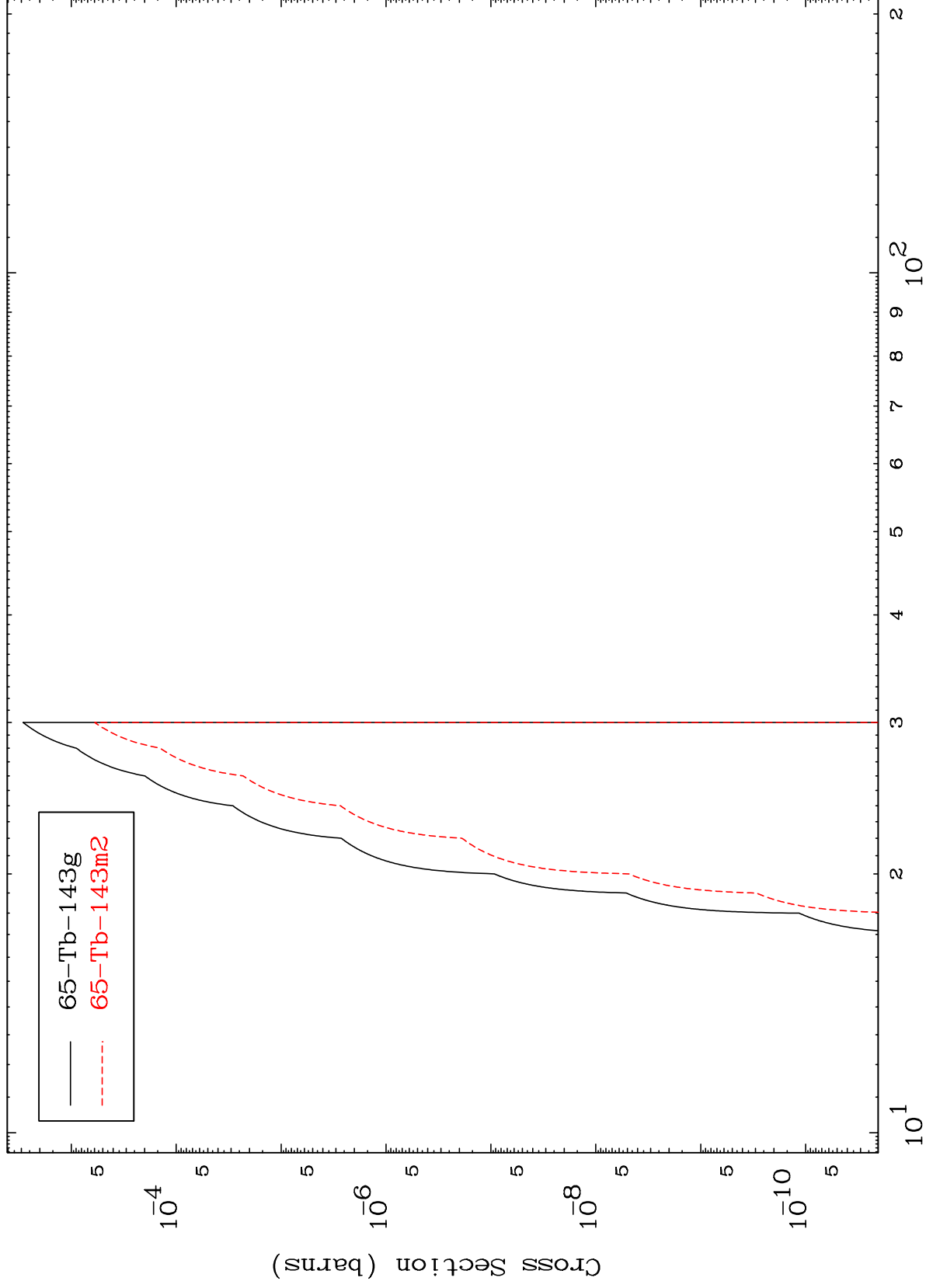
65-Tb-144m

MAT 6481

(n,n') α

65-Tb-144m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-144m

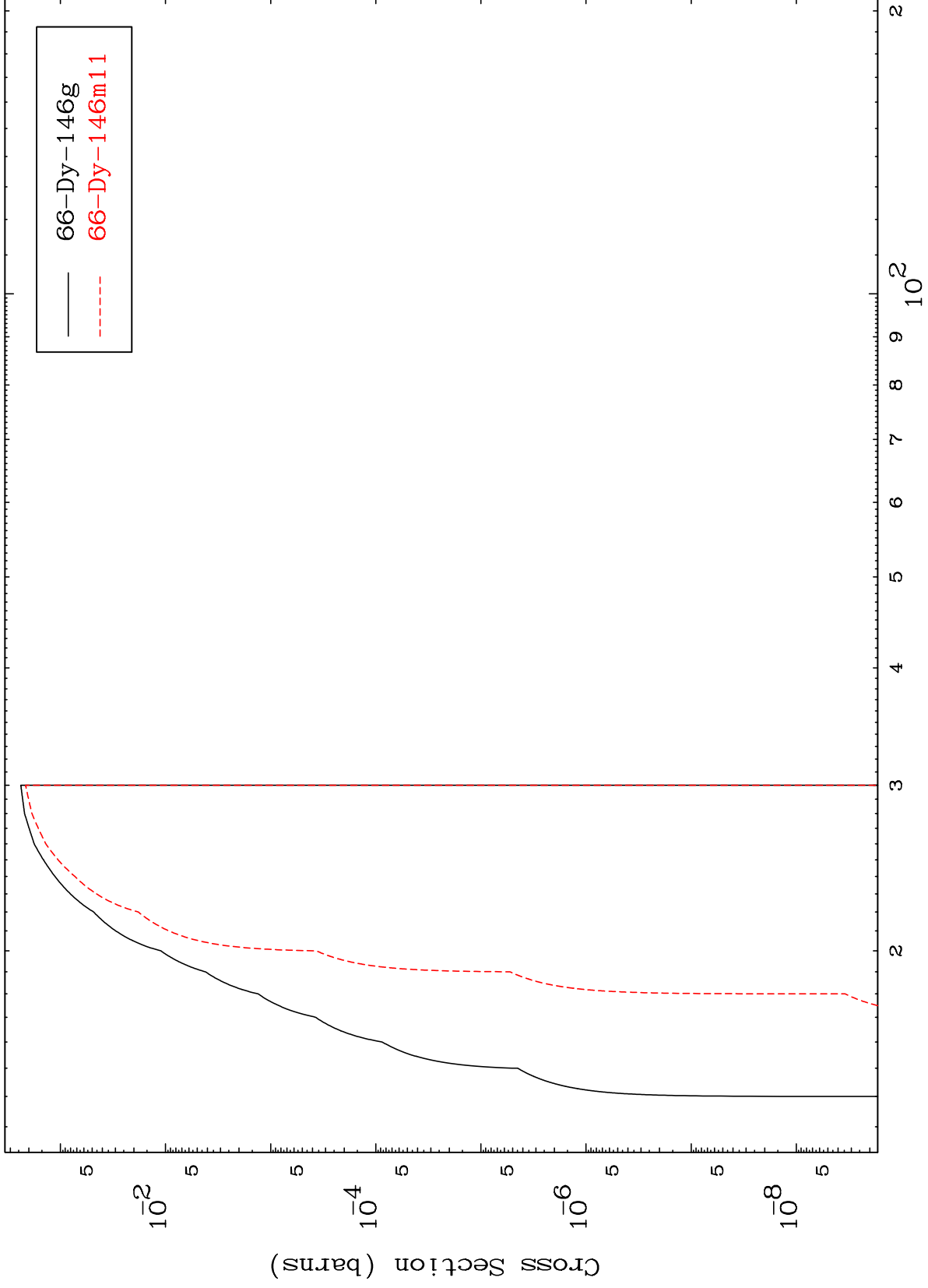
11

MAT 6481

(n,n') p

65-Tb-144m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

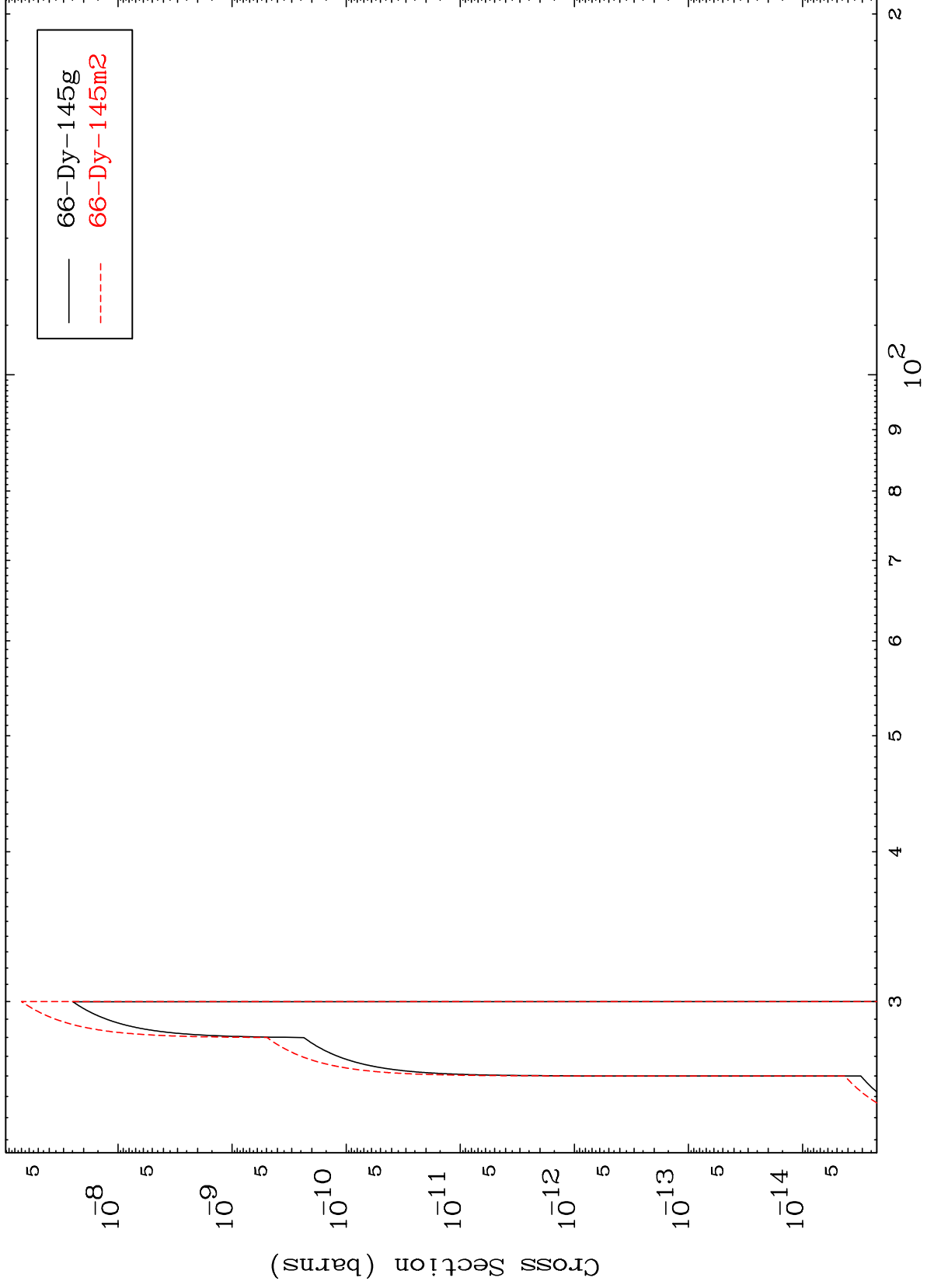
65-Tb-144m

MAT 6481

(n,n') d

65-Tb-144m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

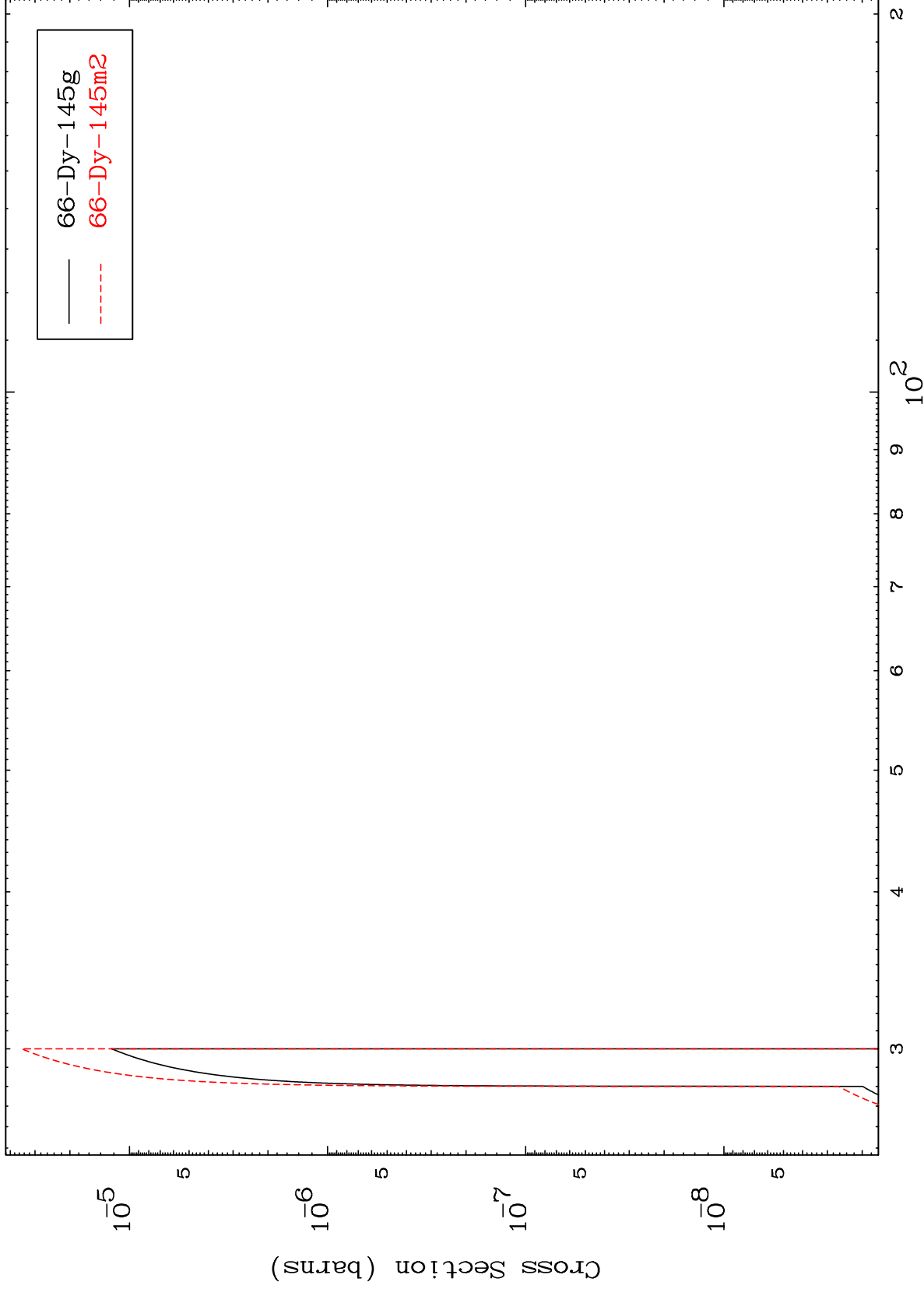
65-Tb-144m

MAT 6481

(n,2n) p

65-Tb-144m

Radionuclide Production Cross Section



14

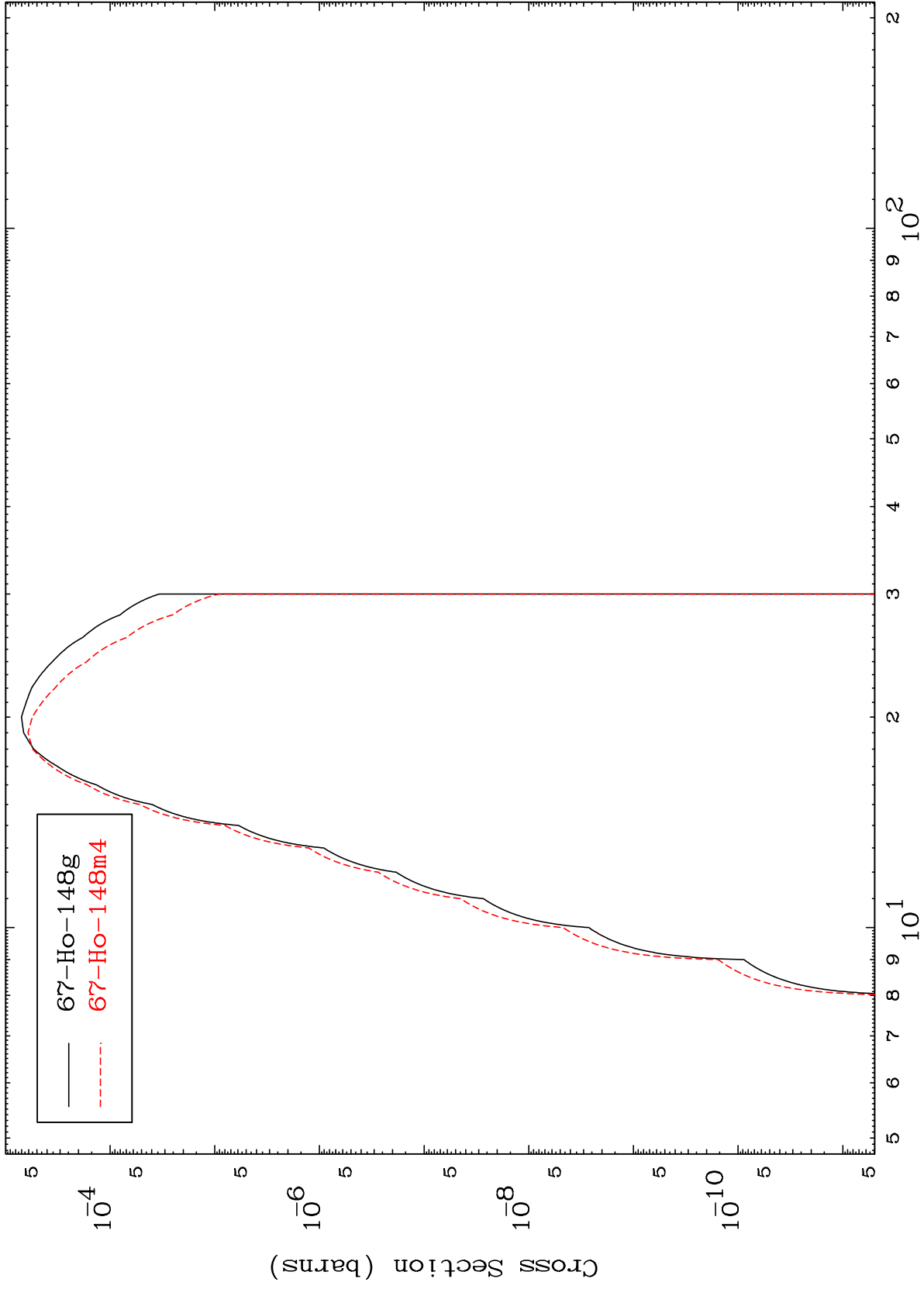
Incident Energy (MeV)

65-Tb-144m

MAT 6481

65-Tb-144m

Radionuclide Production Cross Section
(n, γ)



65-Tb-144m

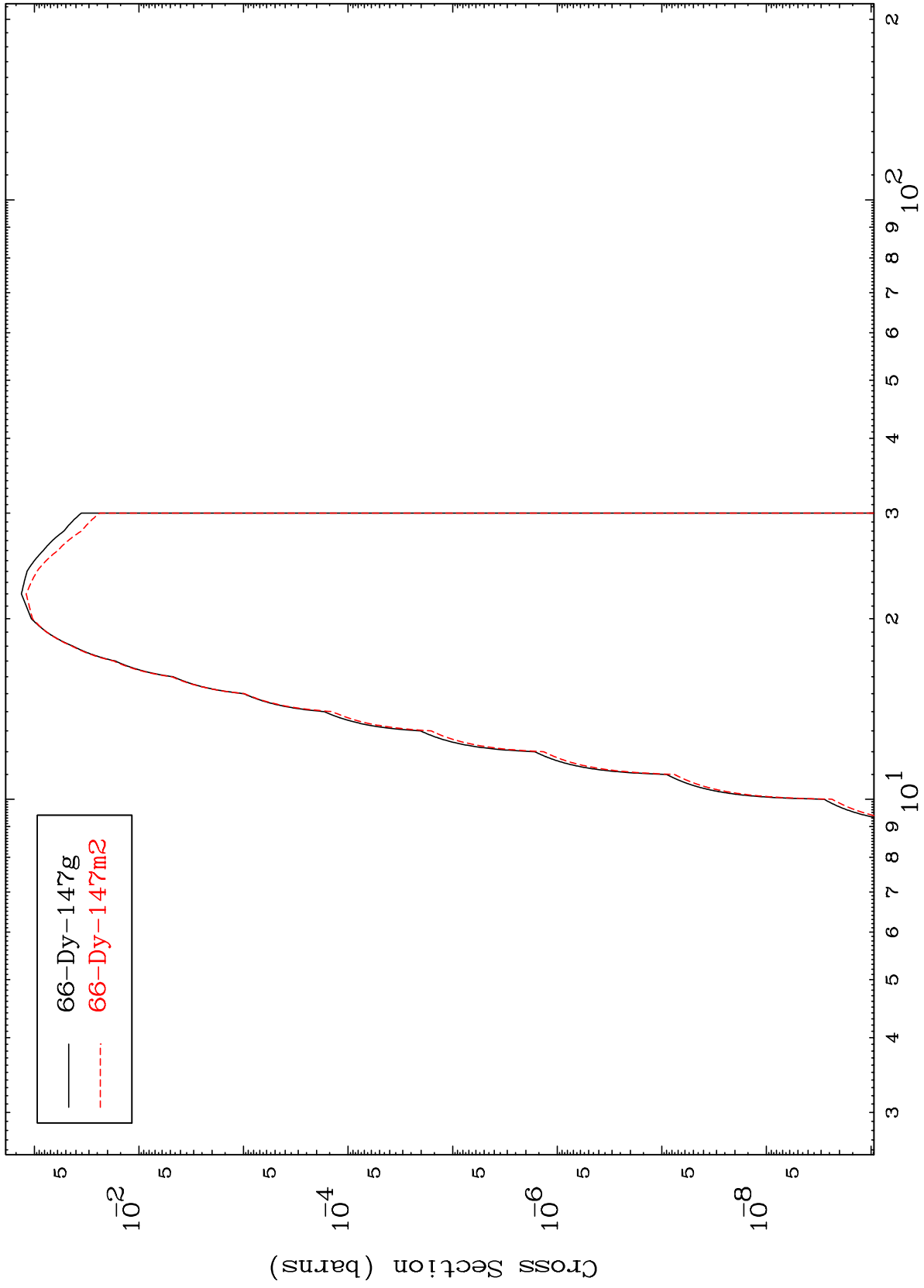
Incident Energy (MeV)

15

MAT 6481

65-Tb-144m

(n,p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

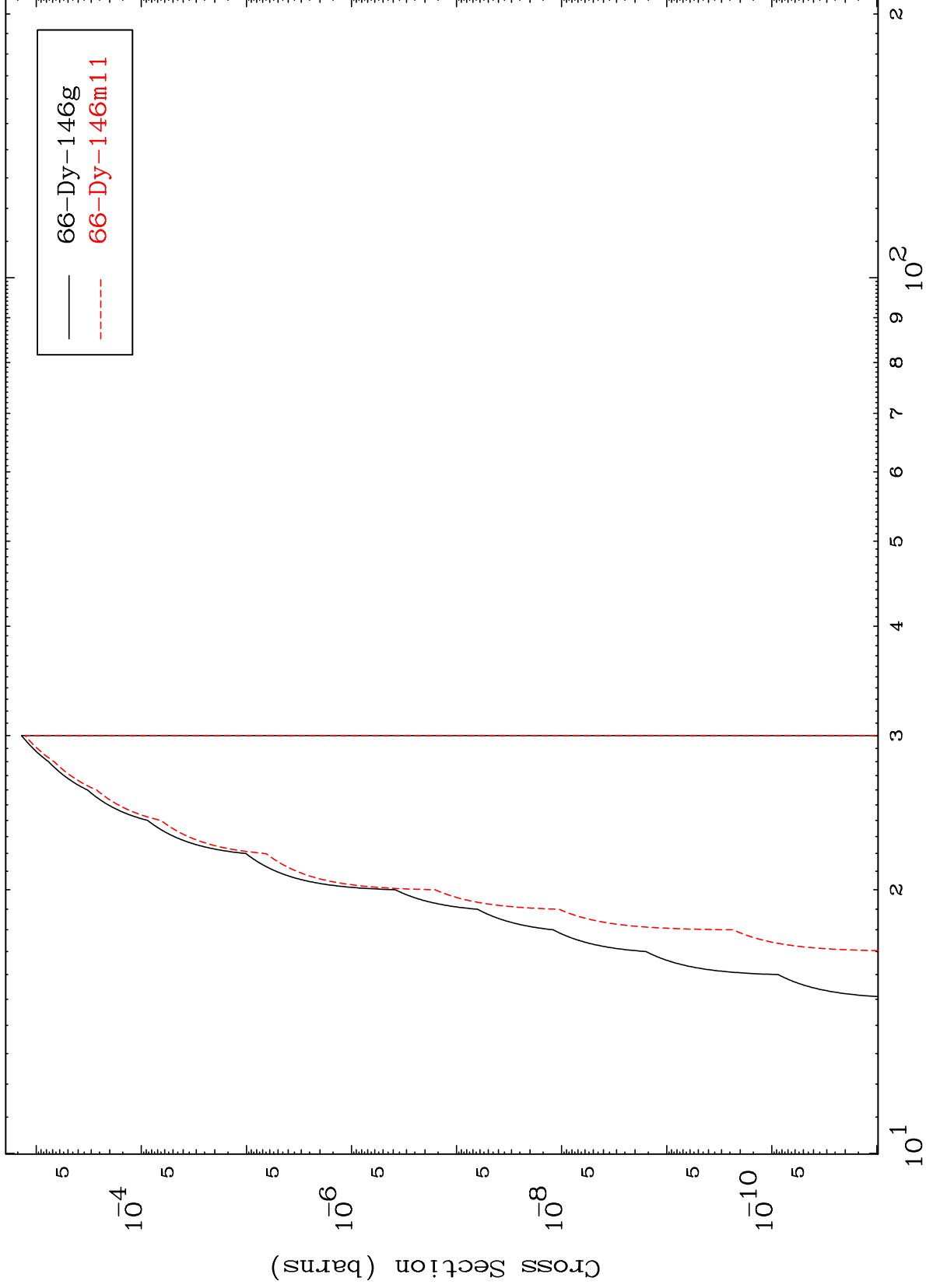
65-Tb-144m

MAT 6481

(n,d)

65-Tb-144m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

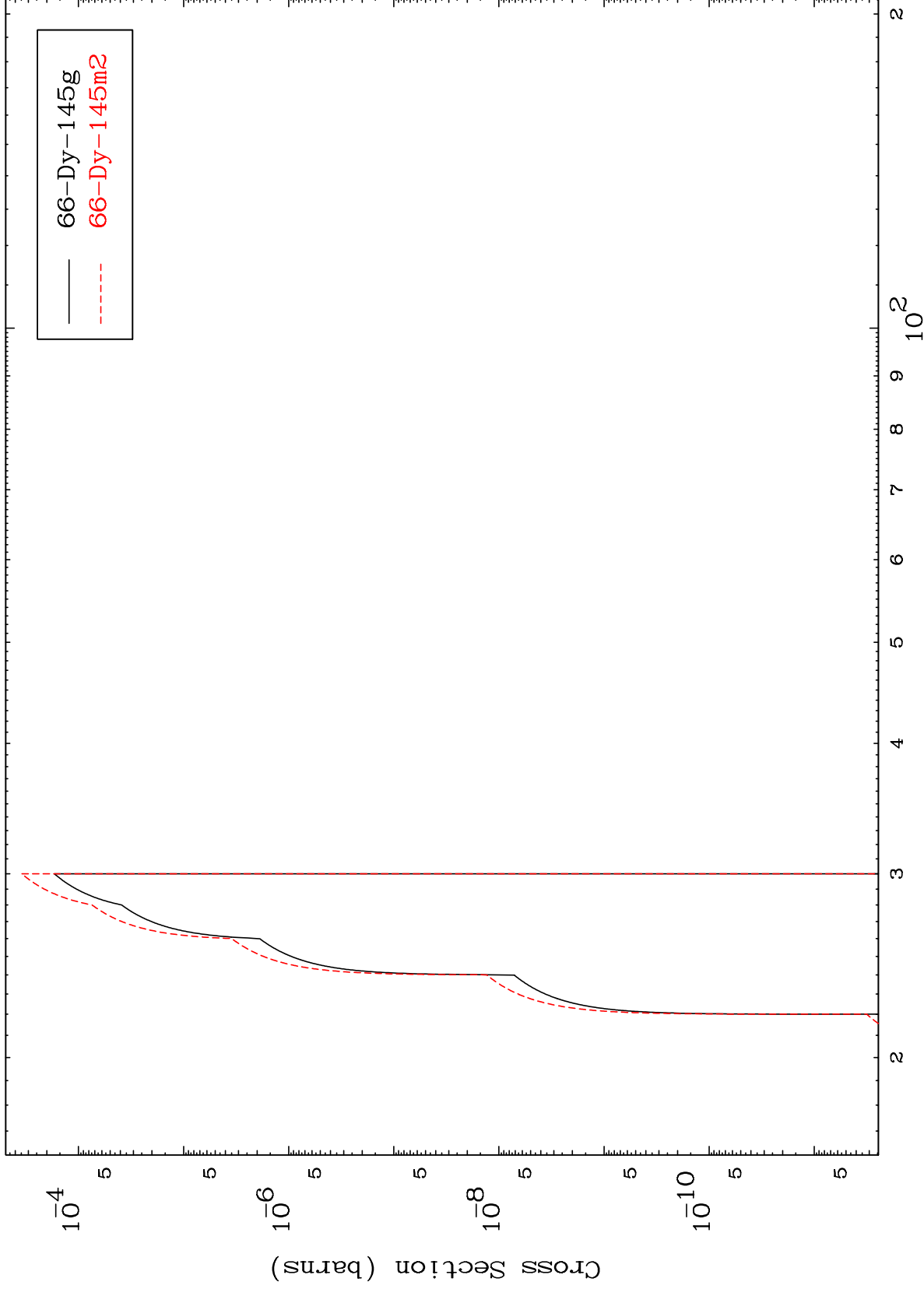
65-Tb-144m

MAT 6481

(n, t)

65-Tb-144m

Radionuclide Production Cross Section



18

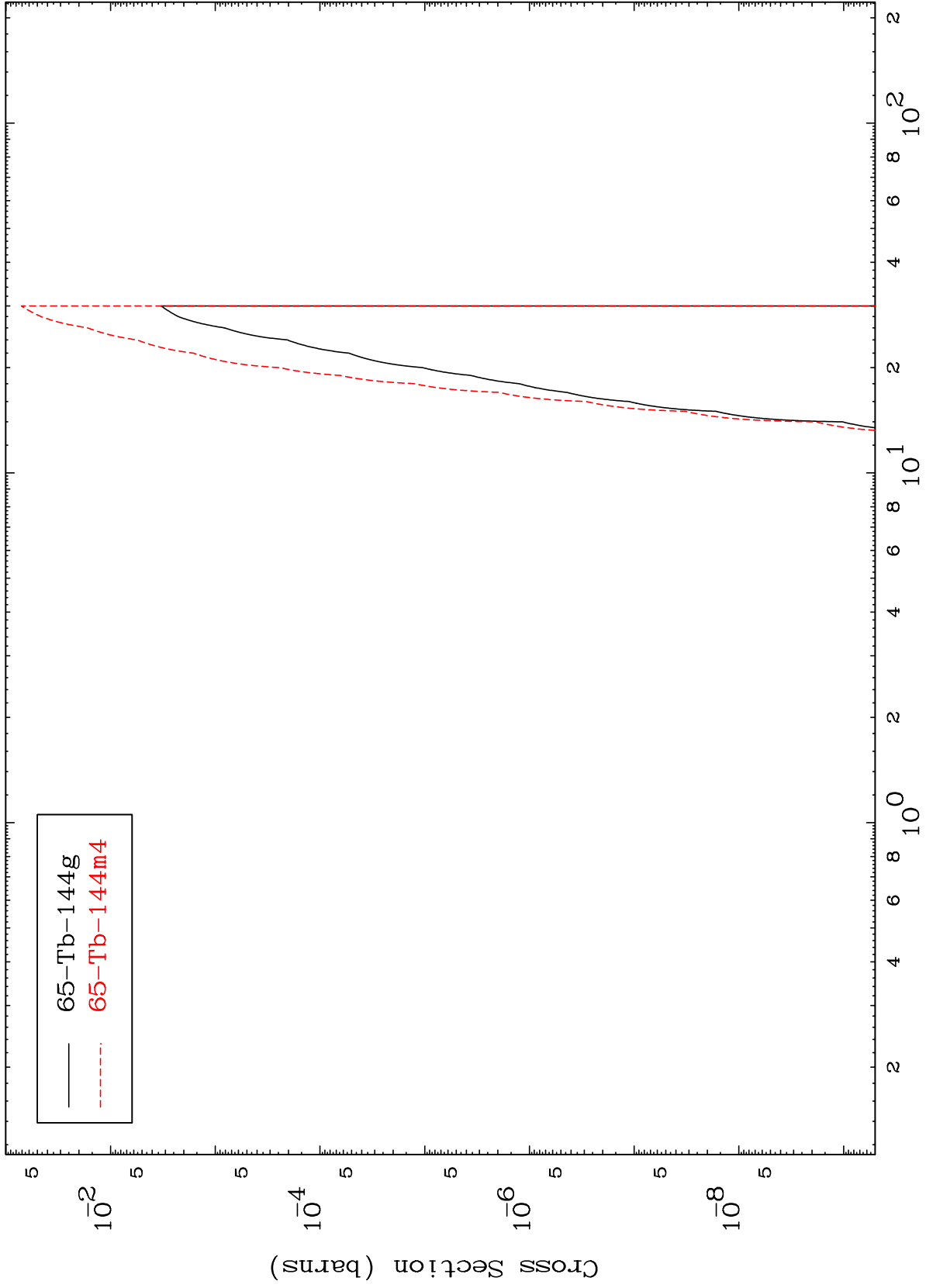
Incident Energy (MeV)

65-Tb-144m

MAT 6481

65-Tb-144m

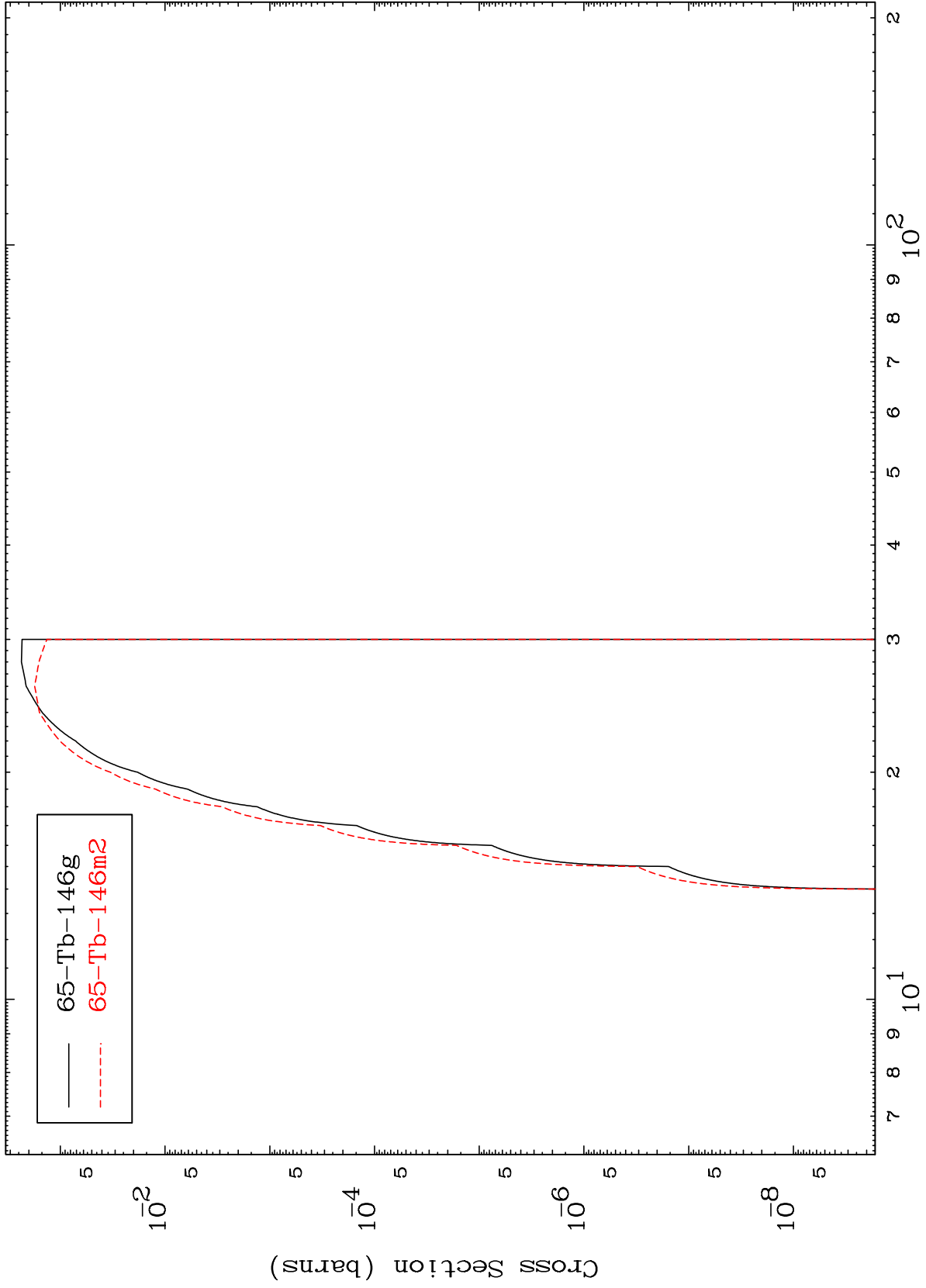
Radionuclide Production Cross Section
(n, α)



MAT 6481

65-Tb-144m

Radionuclide Production Cross Section
(n,2p)



20

Incident Energy (MeV)

65-Tb-144m

MAT 6481

(n,p) α

65-Tb-144m

Radionuclide Production Cross Section

