

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

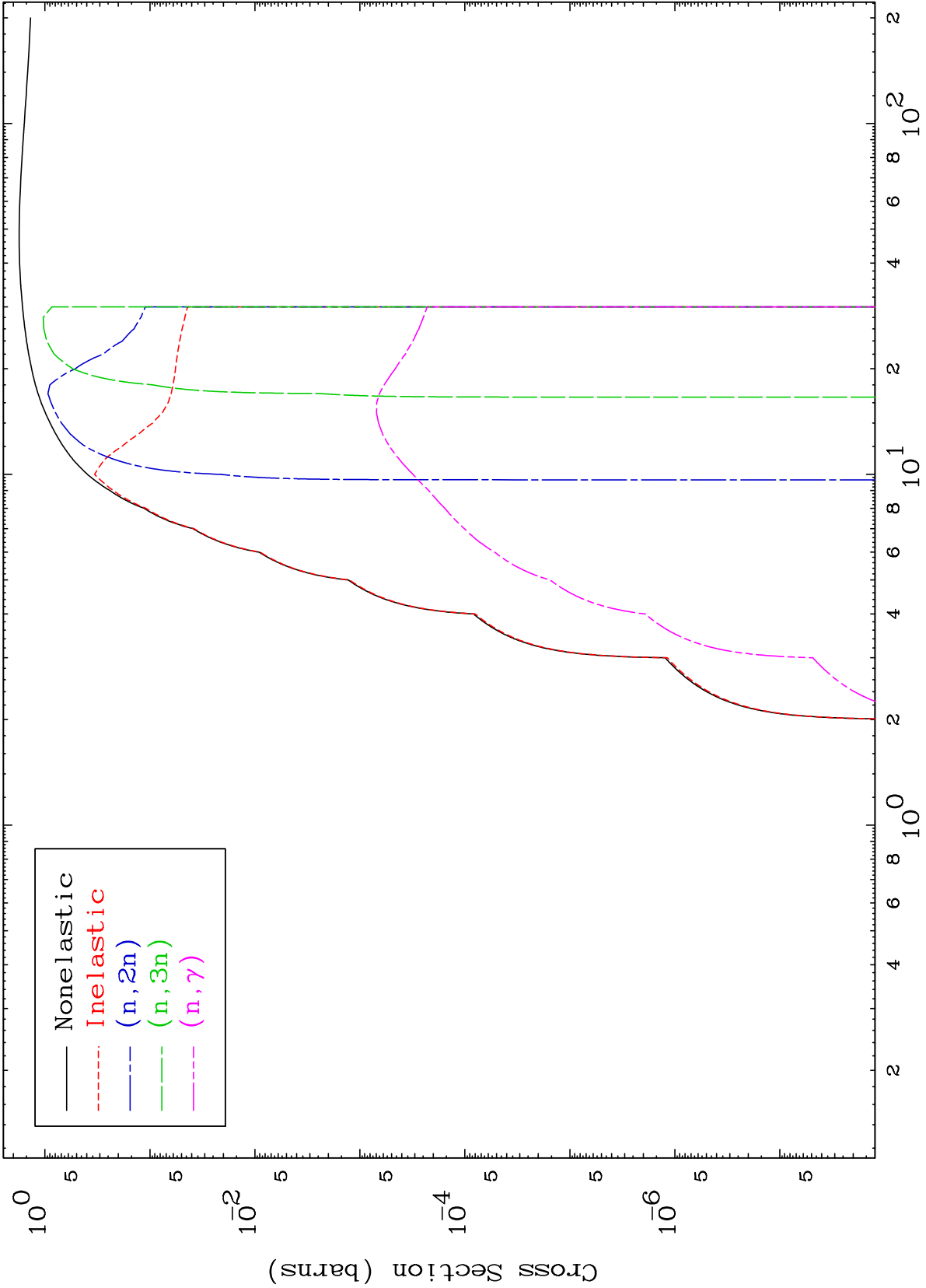
Press Mouse Button to Start

MAT 6440

Proton Major

64-Gd-157

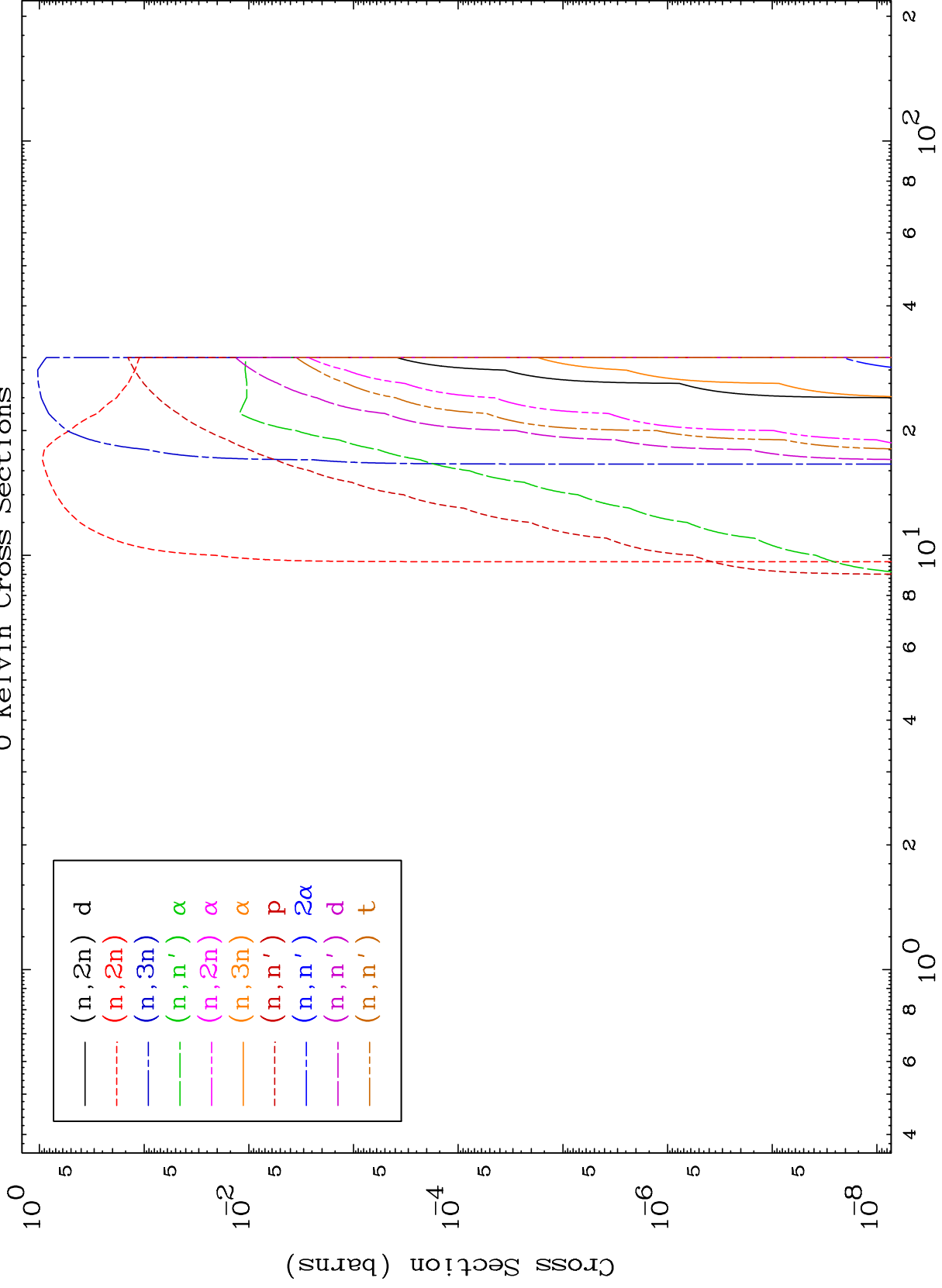
0 Kelvin Cross Sections



MAT 6440

Proton Neutron Absorption
0 Kelvin Cross Sections

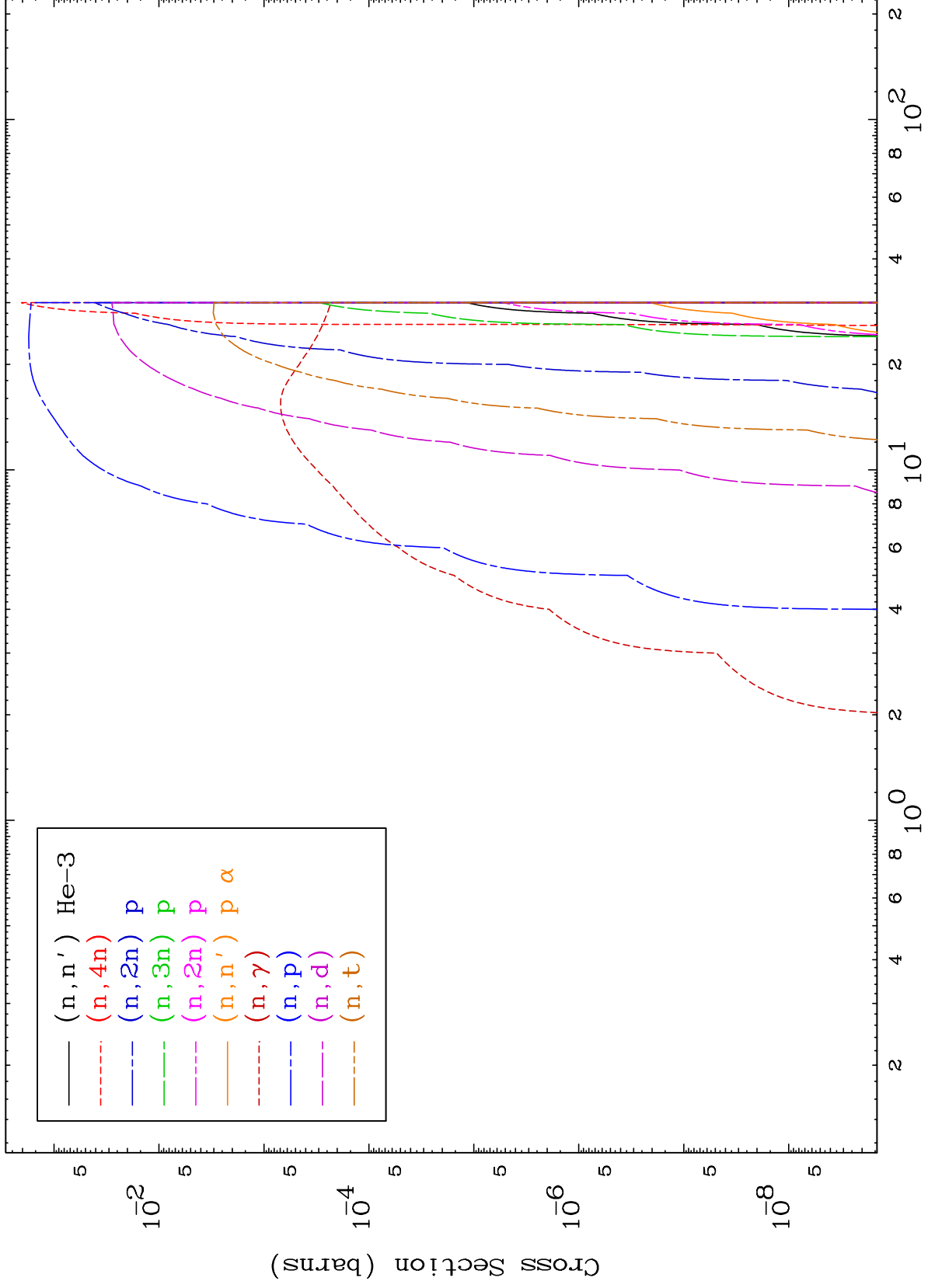
64-Gd-157



2

Incident Energy (MeV)

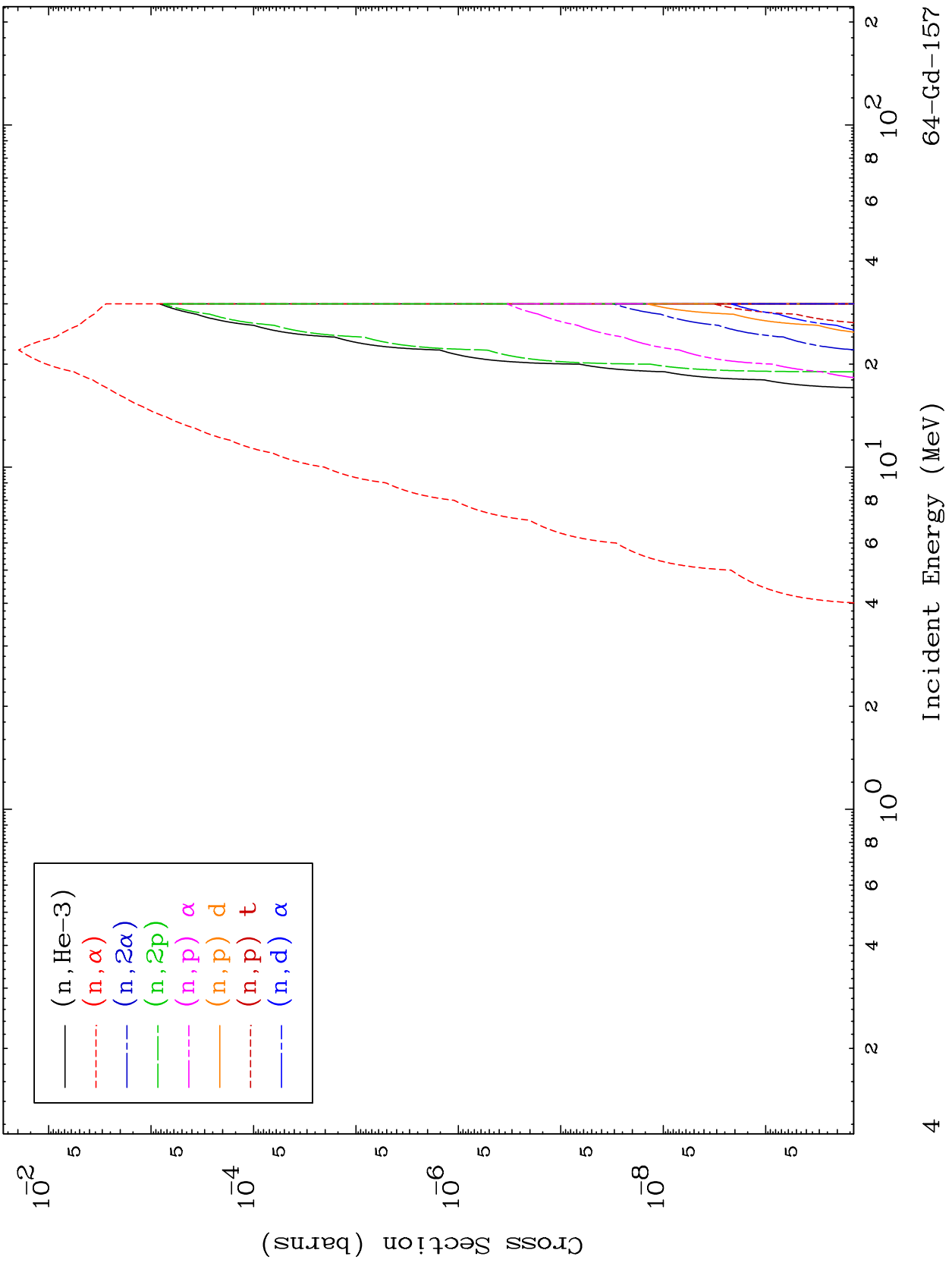
64-Gd-157



MAT 6440

Proton Neutron Absorption
0 Kelvin Cross Sections

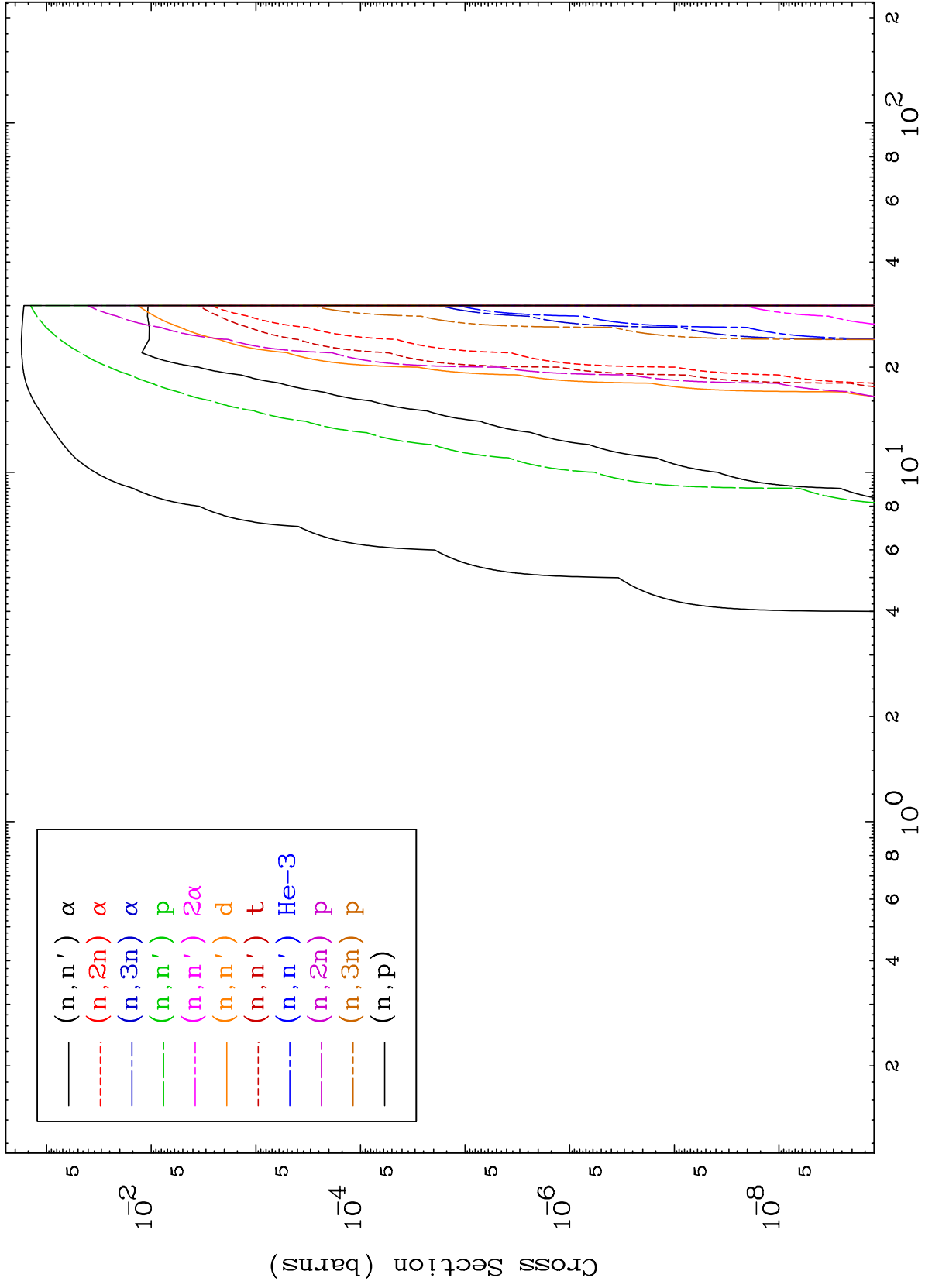
64-Gd-157



MAT 6440

Proton Charged Particle
0 Kelvin Cross Sections

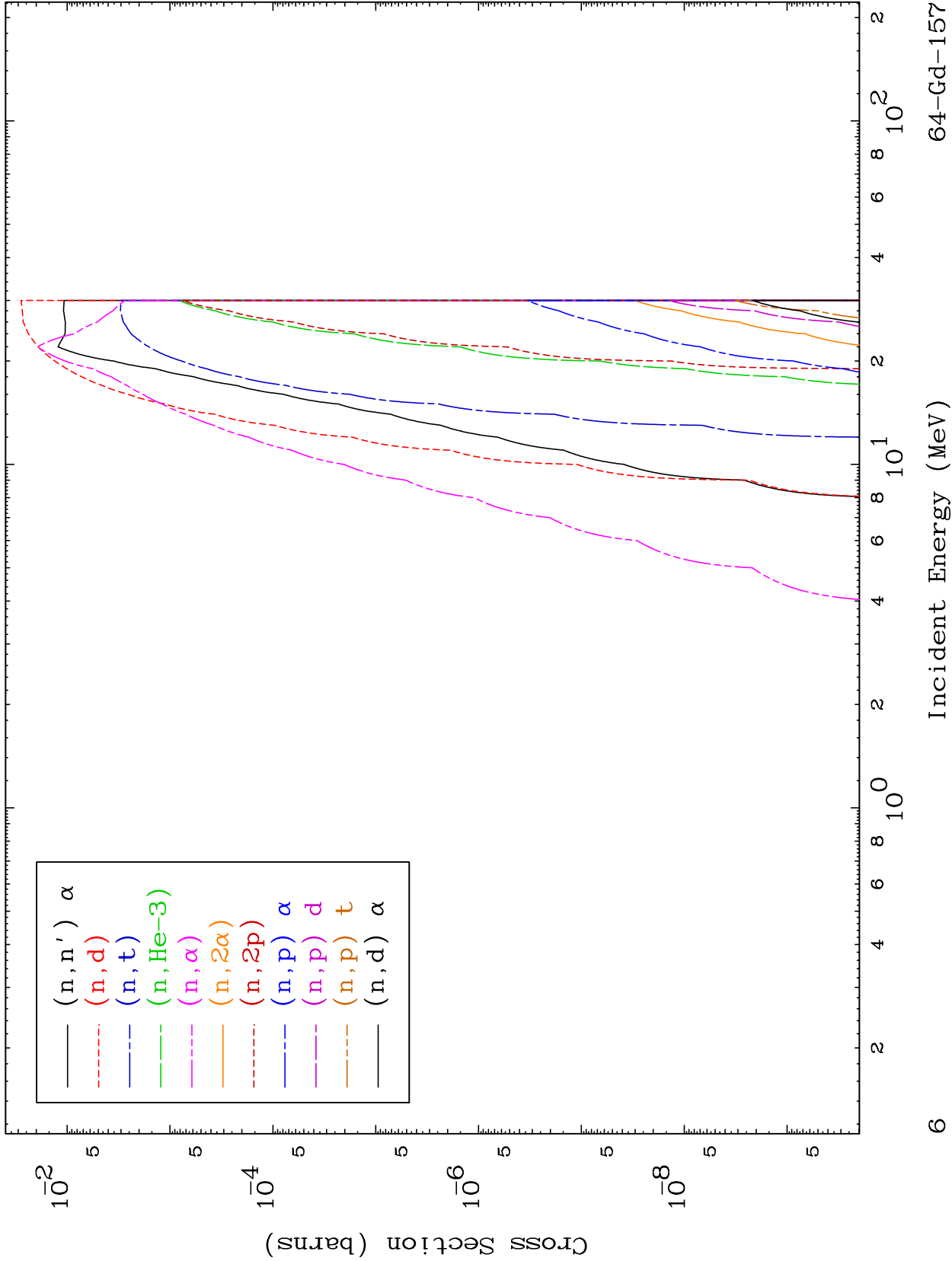
64-Gd-157



MAT 6440

Proton Charged Particle
0 Kelvin Cross Sections

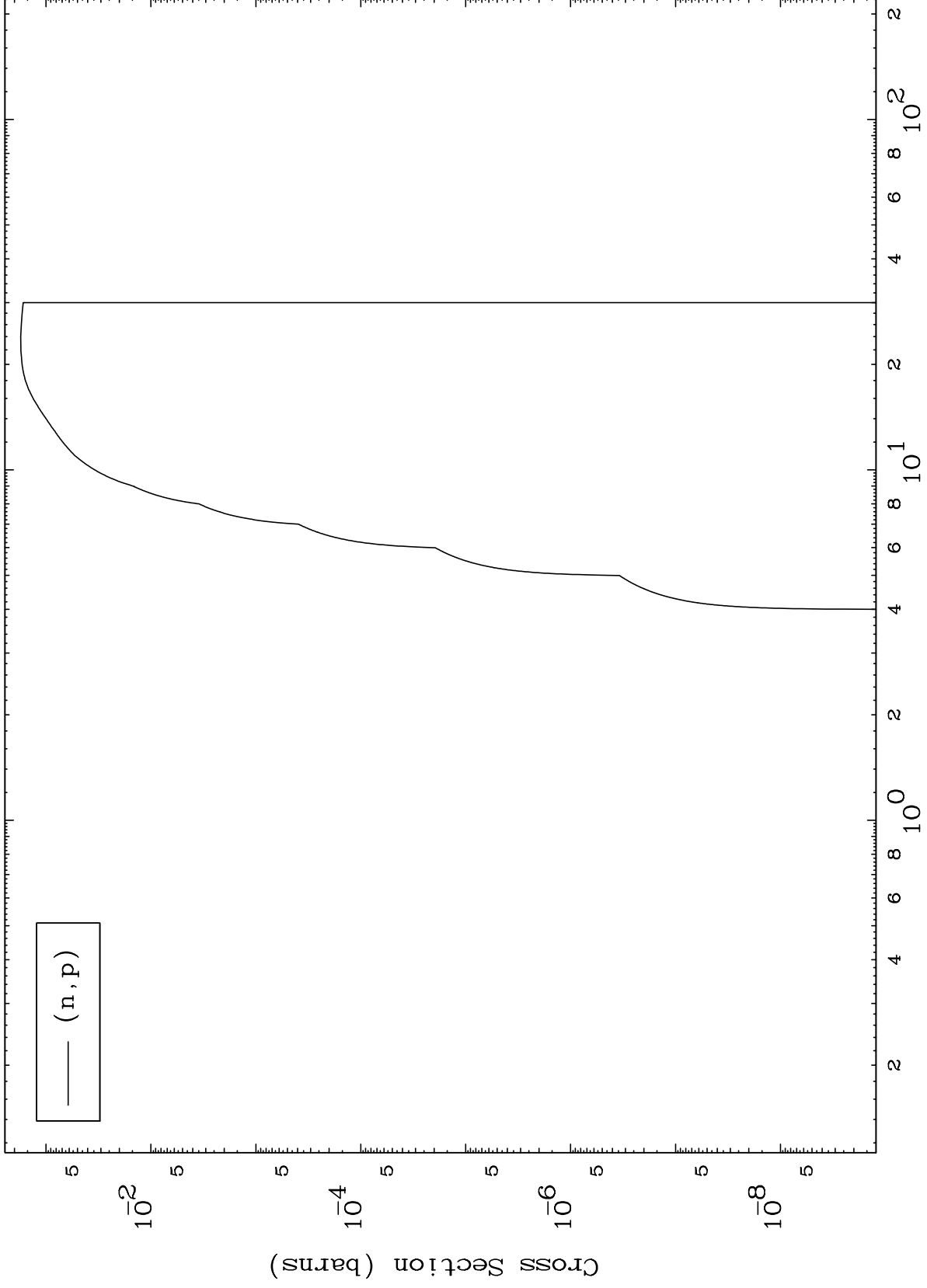
64-Gd-157



MAT 6440

(p,p) Levels
0 Kelvin Cross Sections

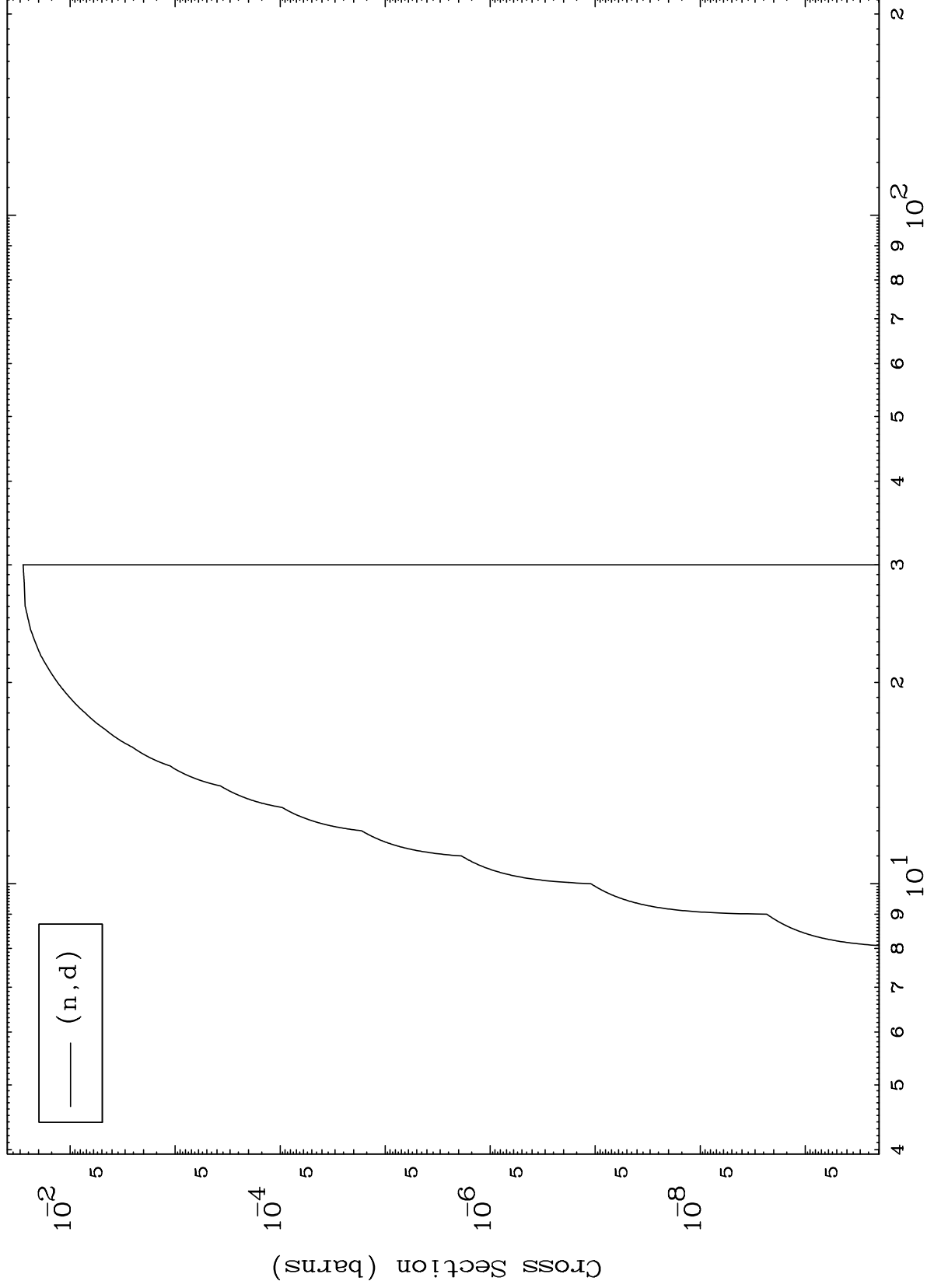
64-Gd-157



MAT 6440

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-157



Incident Energy (MeV)

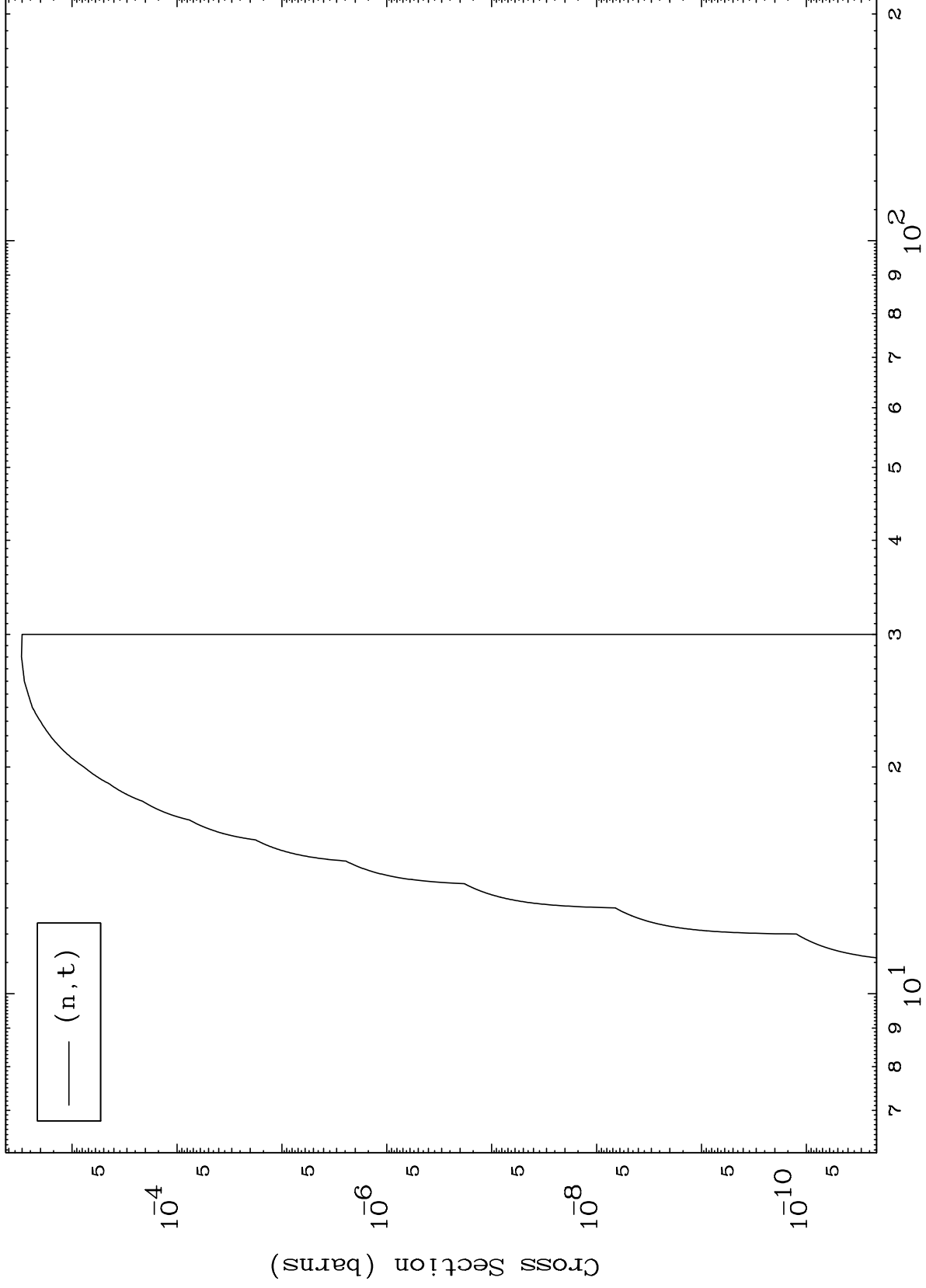
64-Gd-157

8

MAT 6440

(p, t) Levels
0 Kelvin Cross Sections

64-Gd-157



9

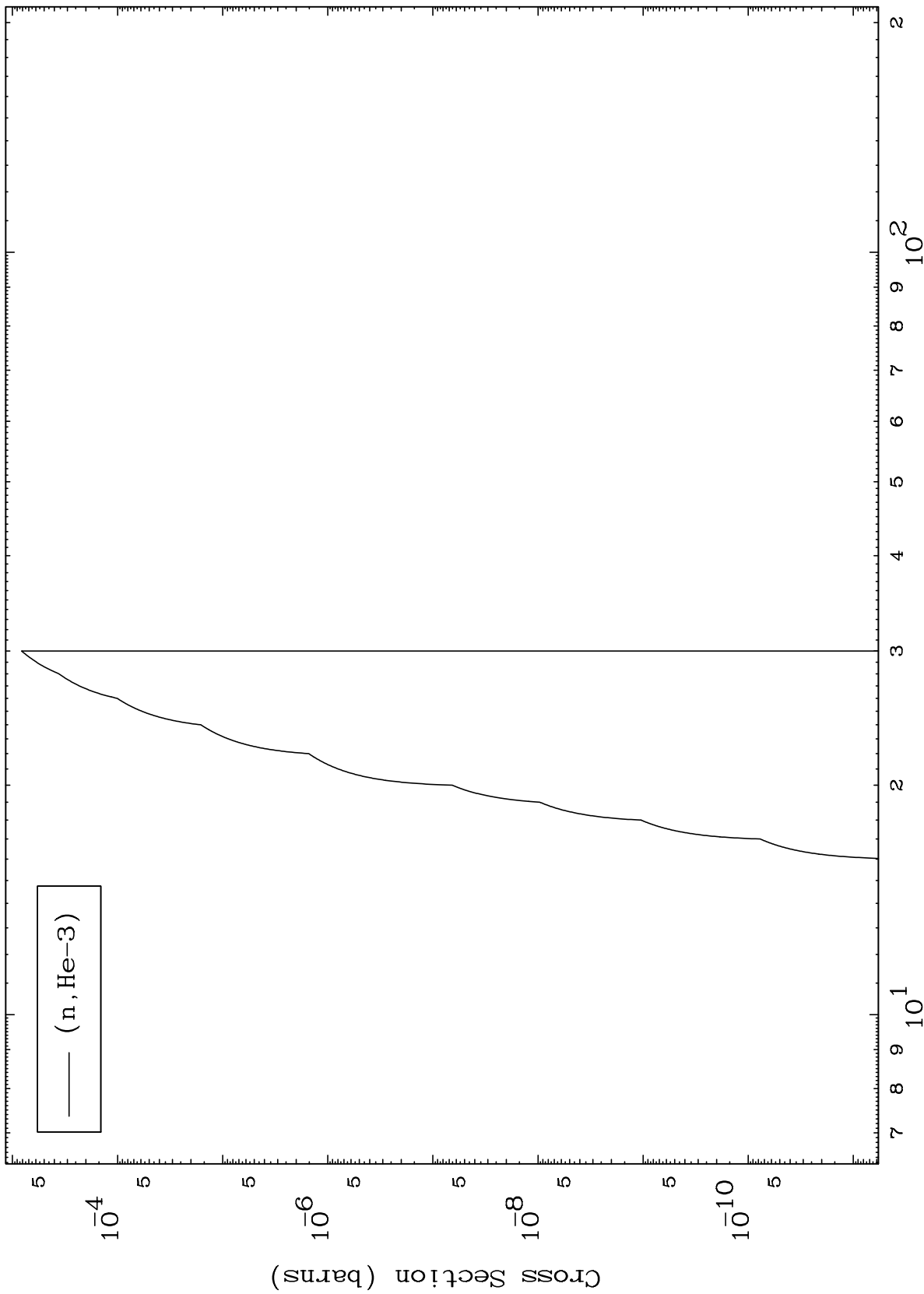
Incident Energy (MeV)

64-Gd-157

MAT 6440

64-Gd-157

(p,He3) Levels
0 Kelvin Cross Sections



64-Gd-157

Incident Energy (MeV)

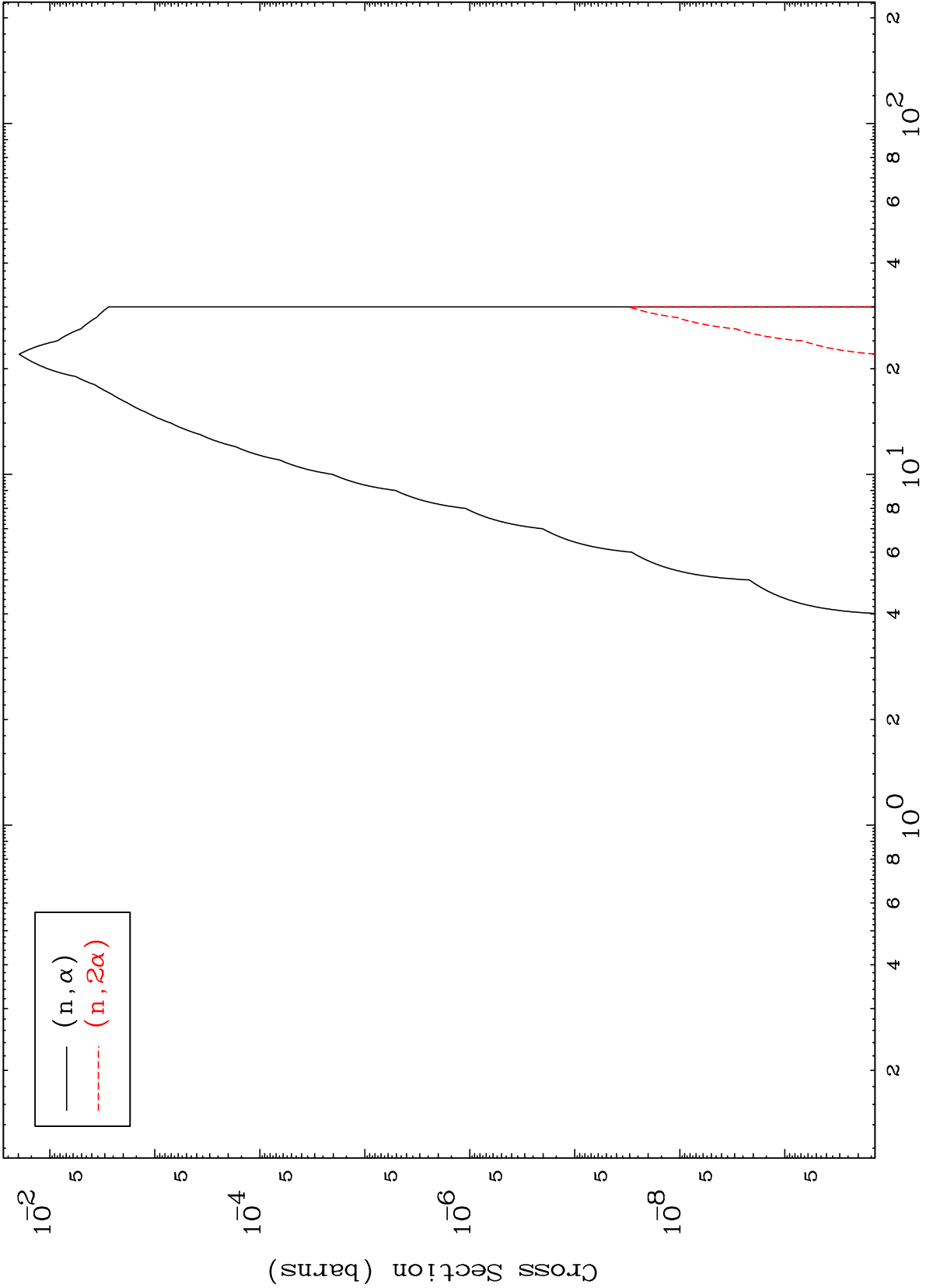
10

MAT 6440

(p, α) Levels

64-Gd-157

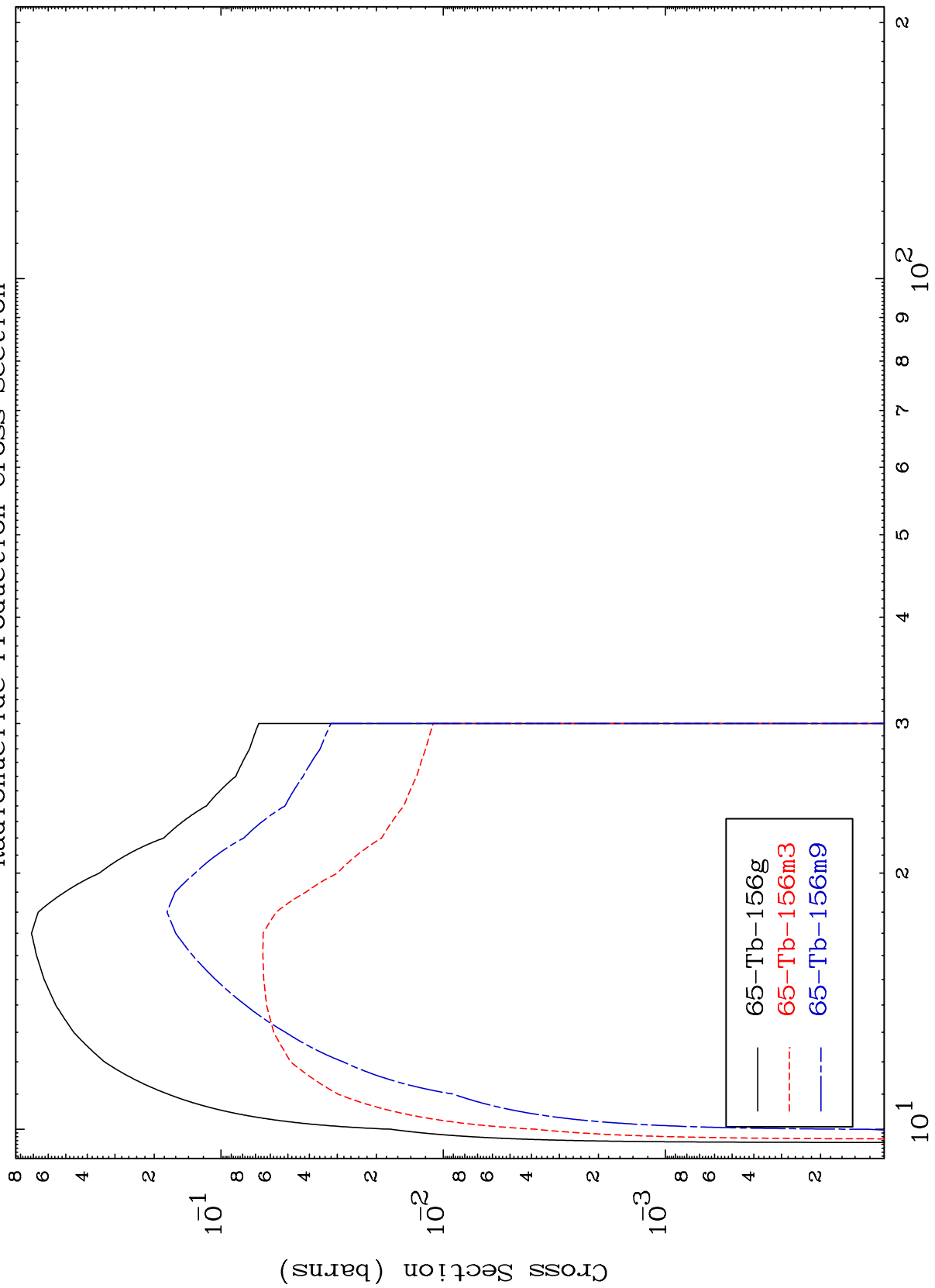
0 Kelvin Cross Sections



MAT 6440

64-Gd-157

(n,2n)
Radionuclide Production Cross Section



64-Gd-157

Incident Energy (MeV)

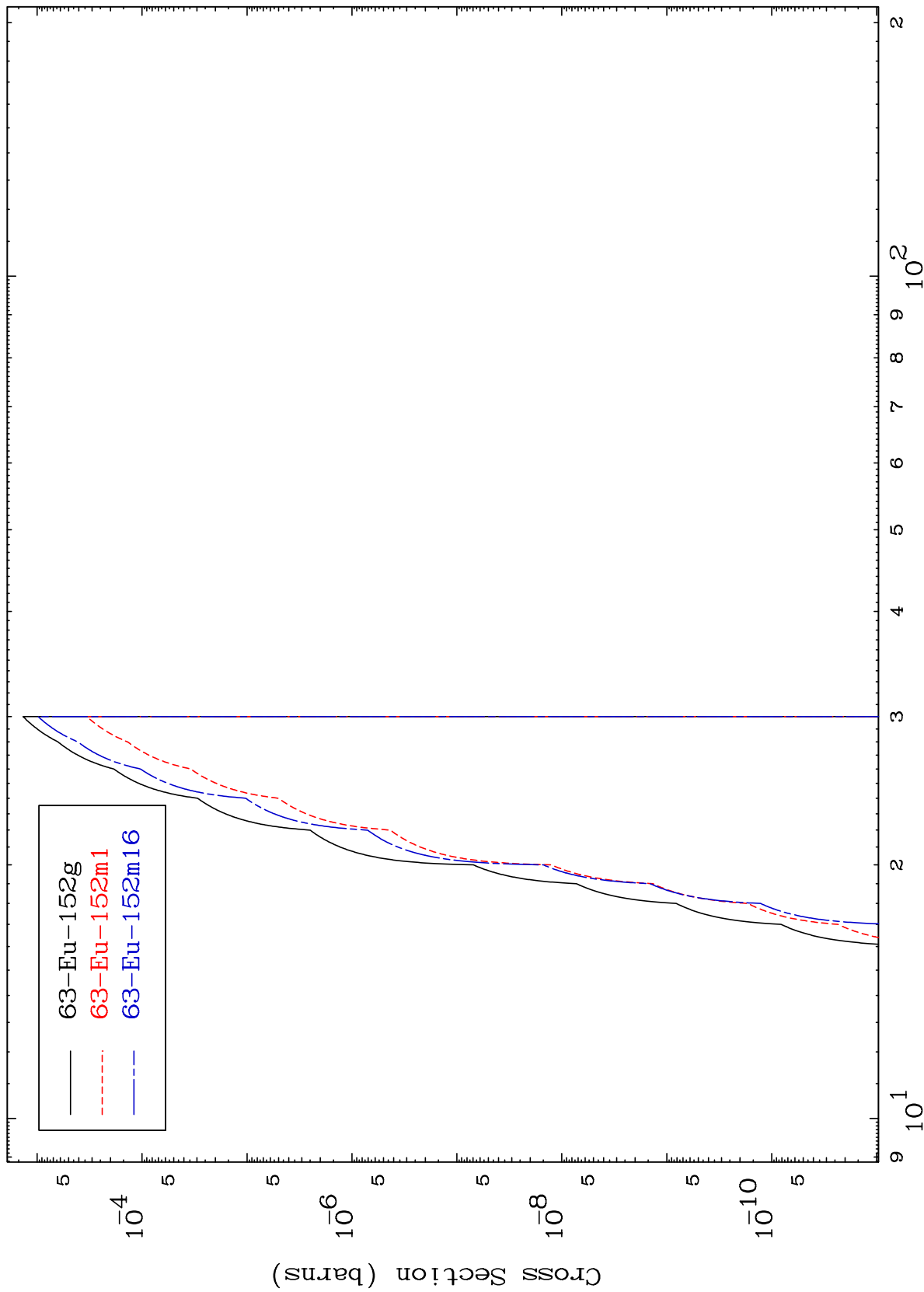
12

MAT 6440

(n,2n) α

64-Gd-157

Radionuclide Production Cross Section



Incident Energy (MeV)

64-Gd-157

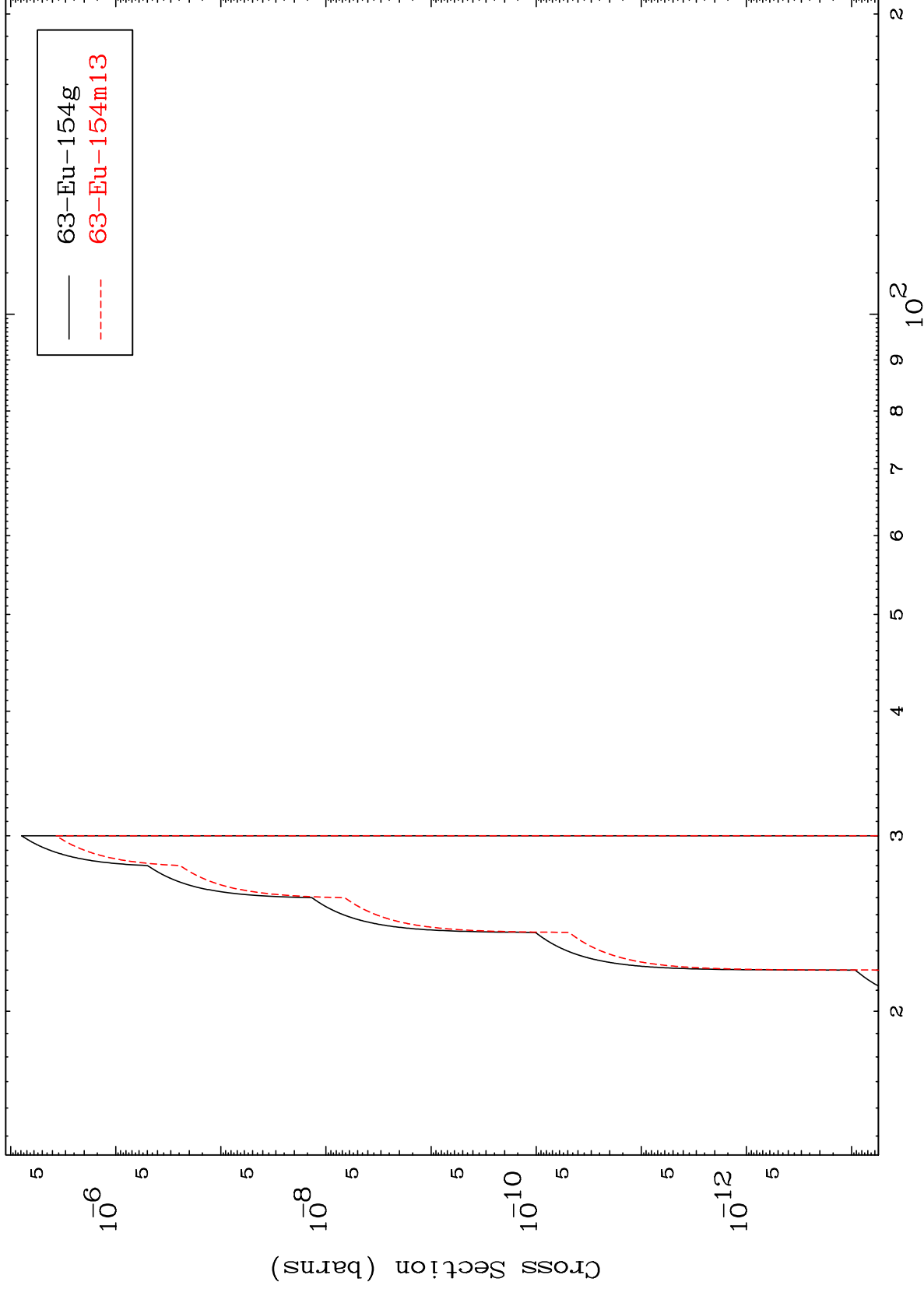
13

MAT 6440

(n,n') He-3

64-Gd-157

Radionuclide Production Cross Section



14

Incident Energy (MeV)

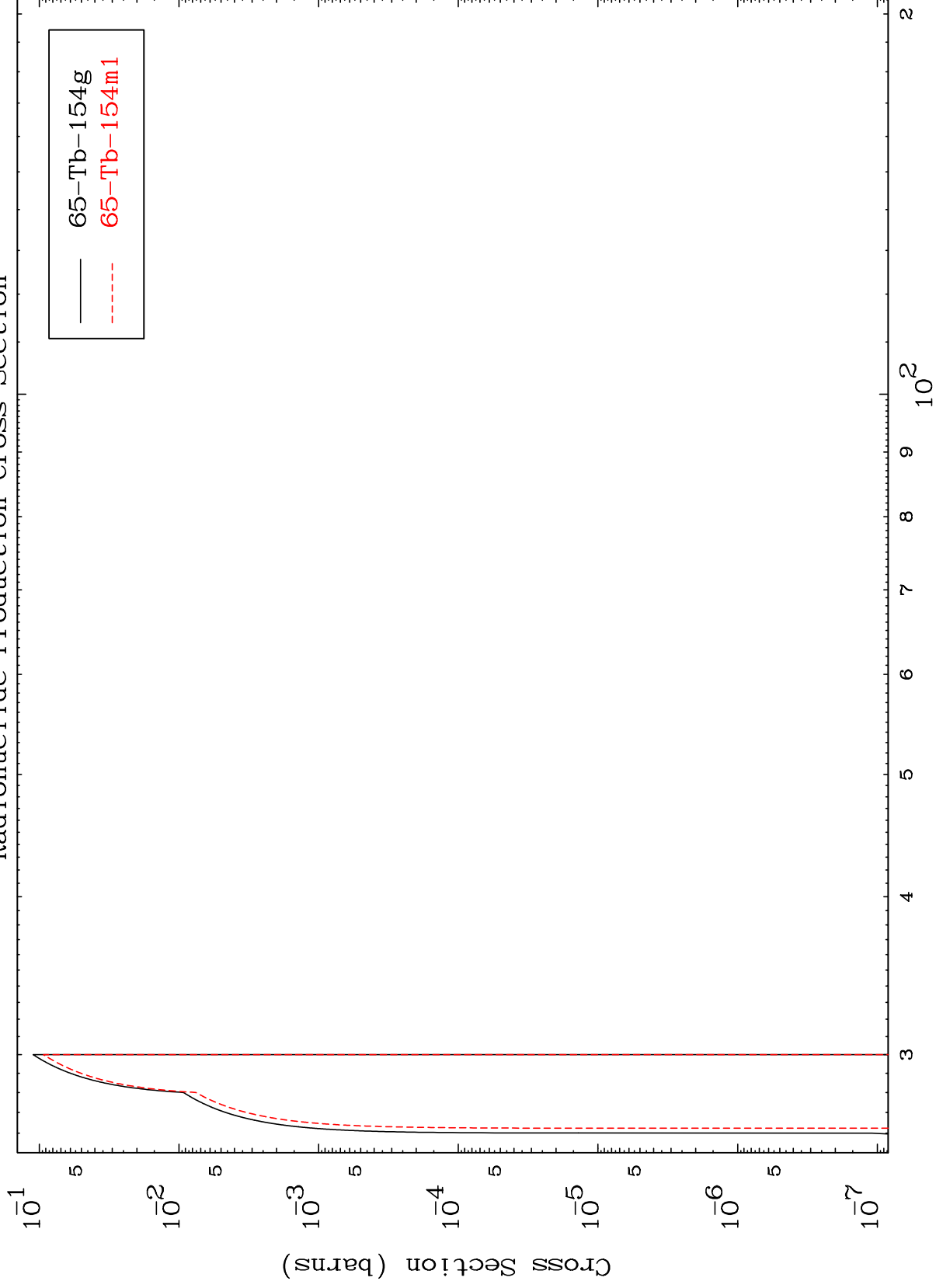
64-Gd-157

MAT 6440

(n,4n)

64-Gd-157

Radionuclide Production Cross Section



15

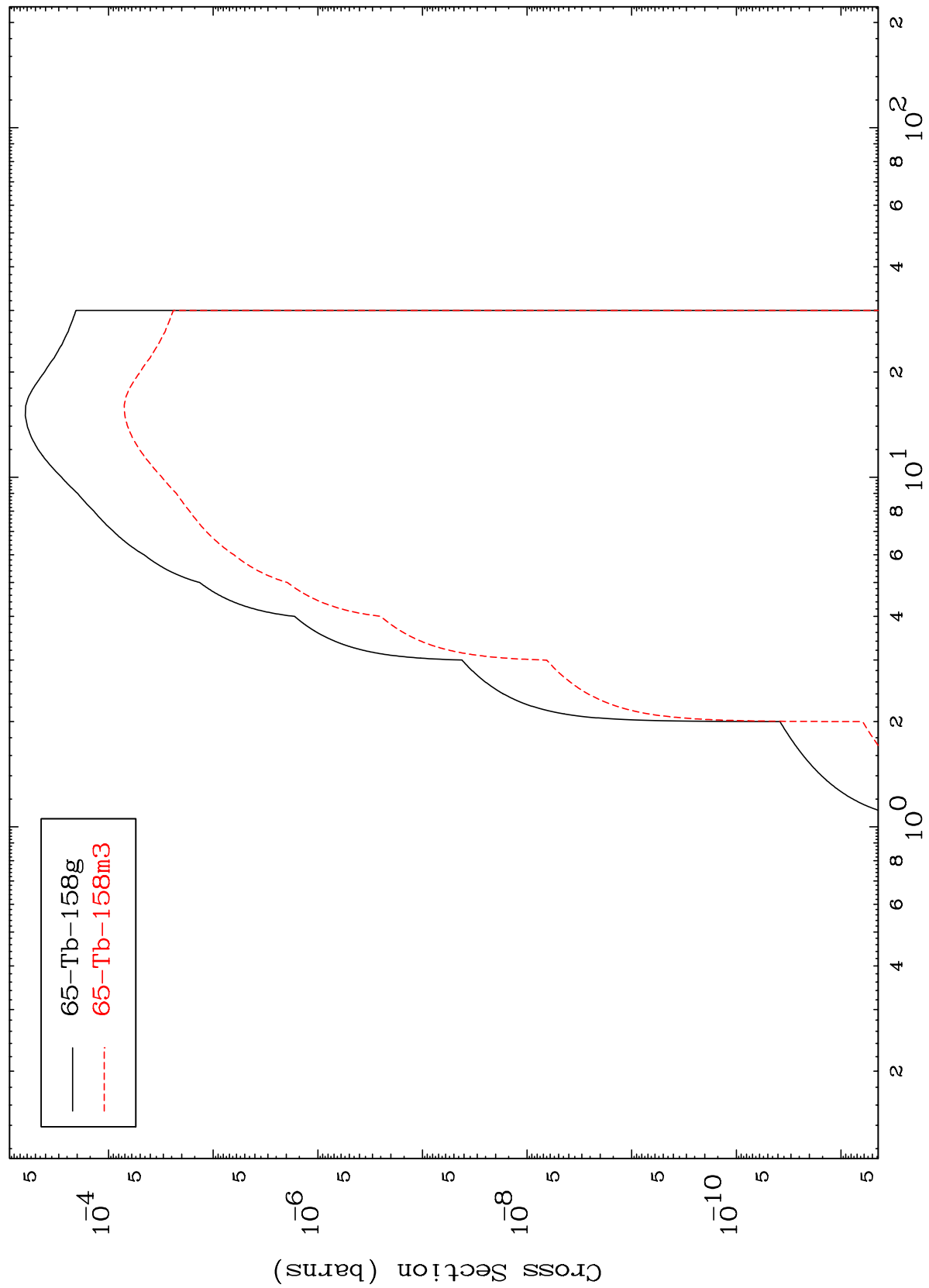
Incident Energy (MeV)

64-Gd-157

MAT 6440

64-Gd-157

(n, γ)
Radionuclide Production Cross Section



64-Gd-157

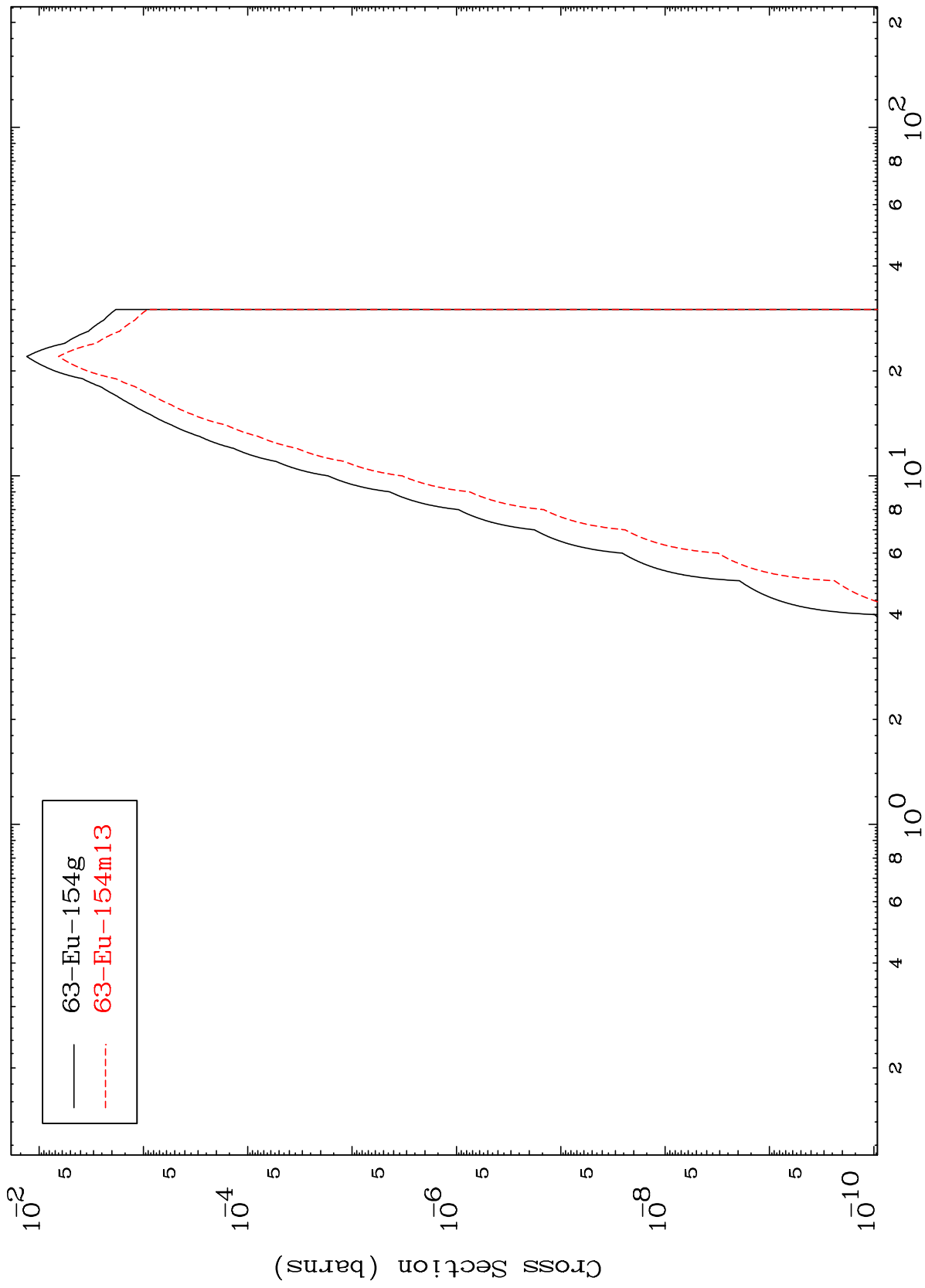
Incident Energy (MeV)

16

MAT 6440

64-Gd-157

Radionuclide Production Cross Section



17

Incident Energy (MeV)

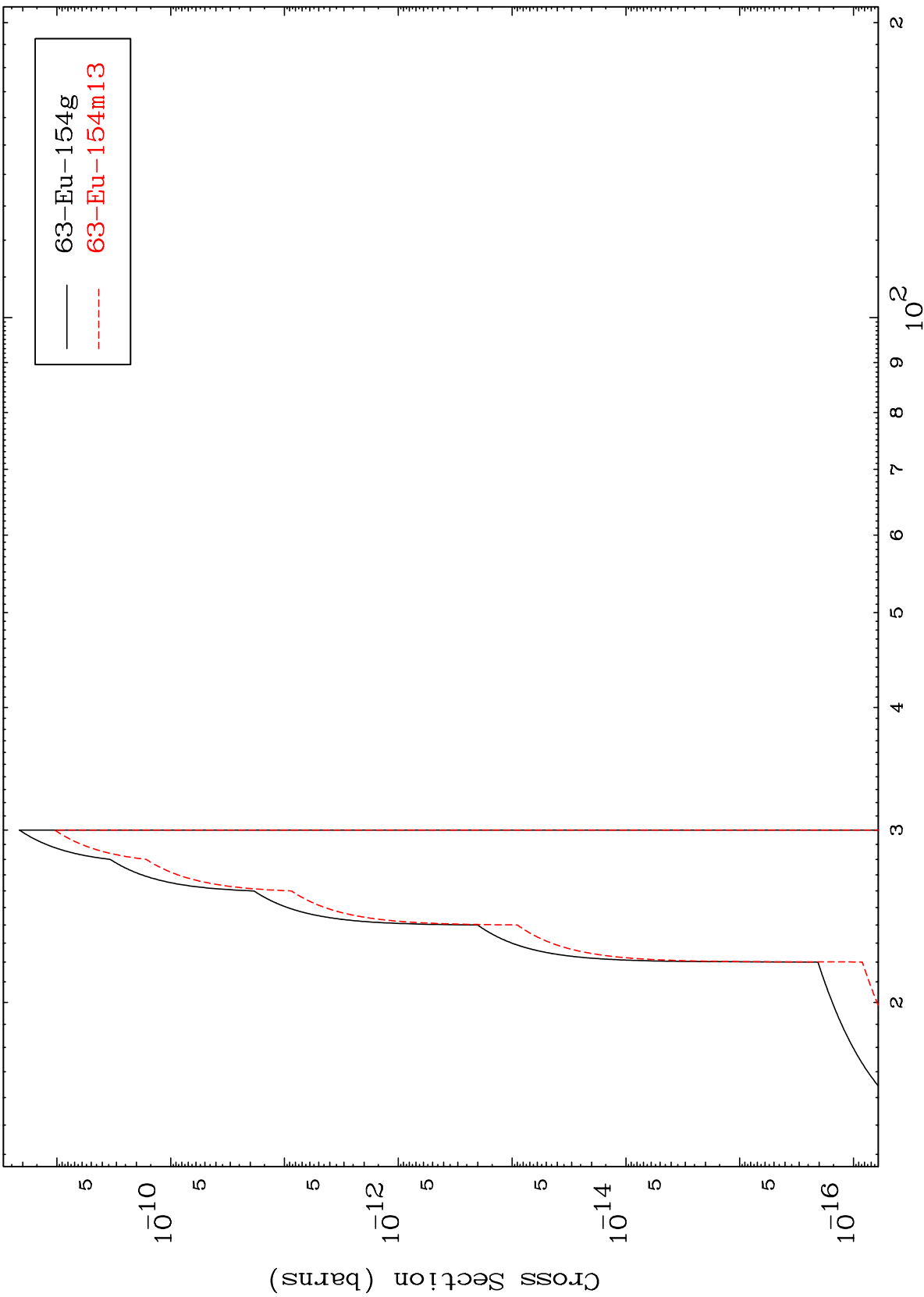
64-Gd-157

MAT 6440

(n,p) t

64-Gd-157

Radionuclide Production Cross Section



18

Incident Energy (MeV)

64-Gd-157