

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

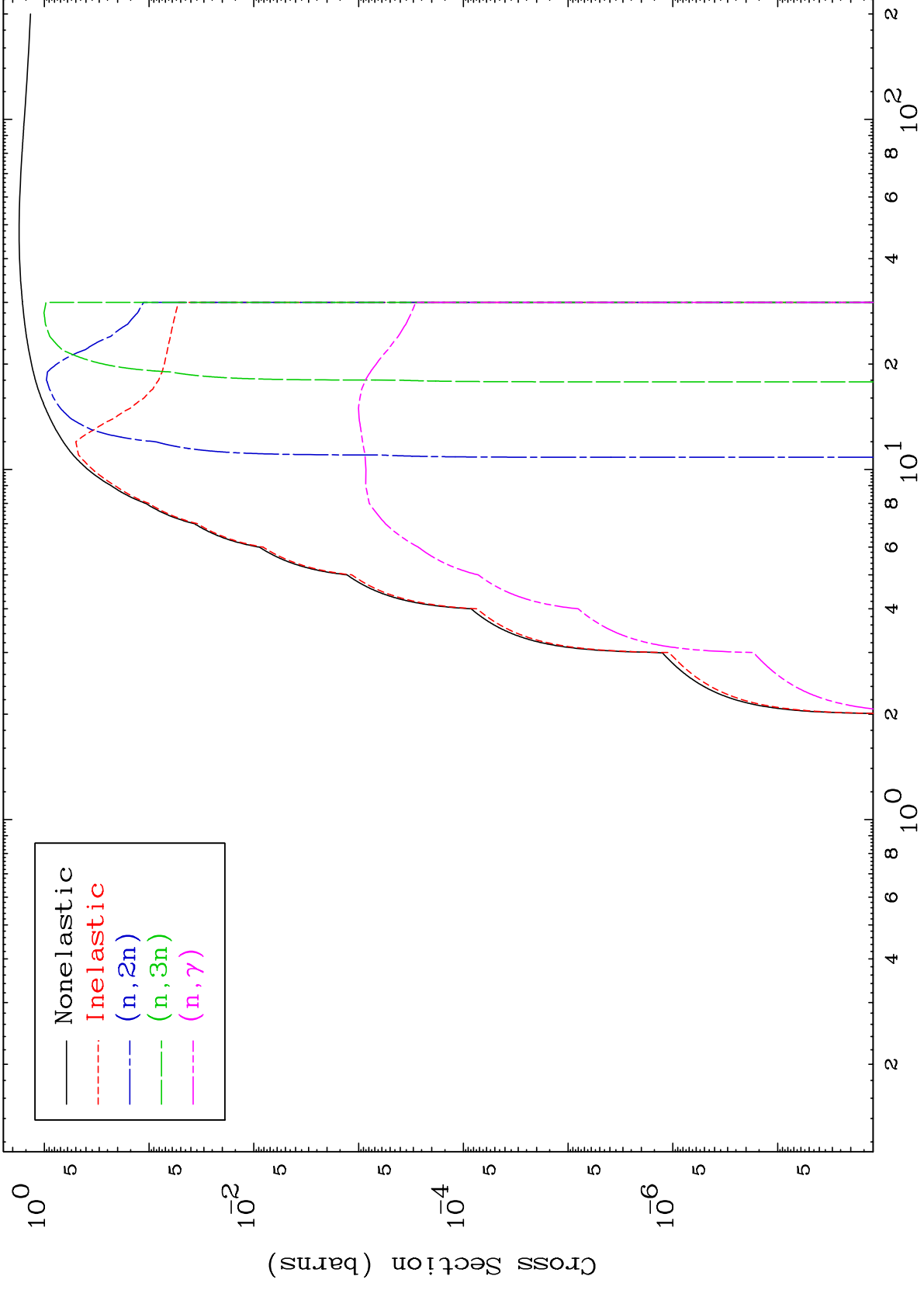
Press Mouse Button to Start

MAT 6434

Proton Major

64-Gd-155

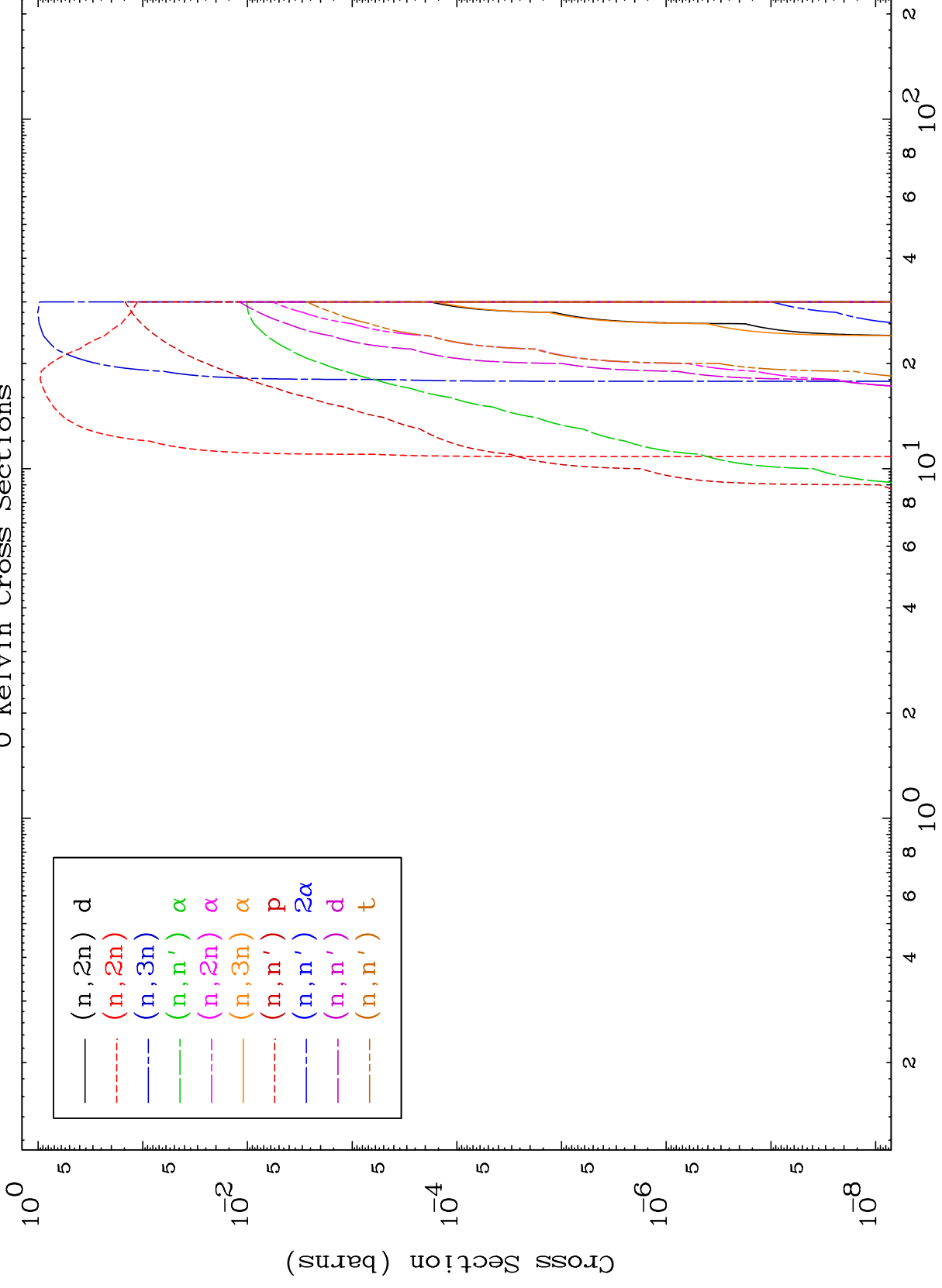
0 Kelvin Cross Sections



MAT 6434

Proton Neutron Absorption
0 Kelvin Cross Sections

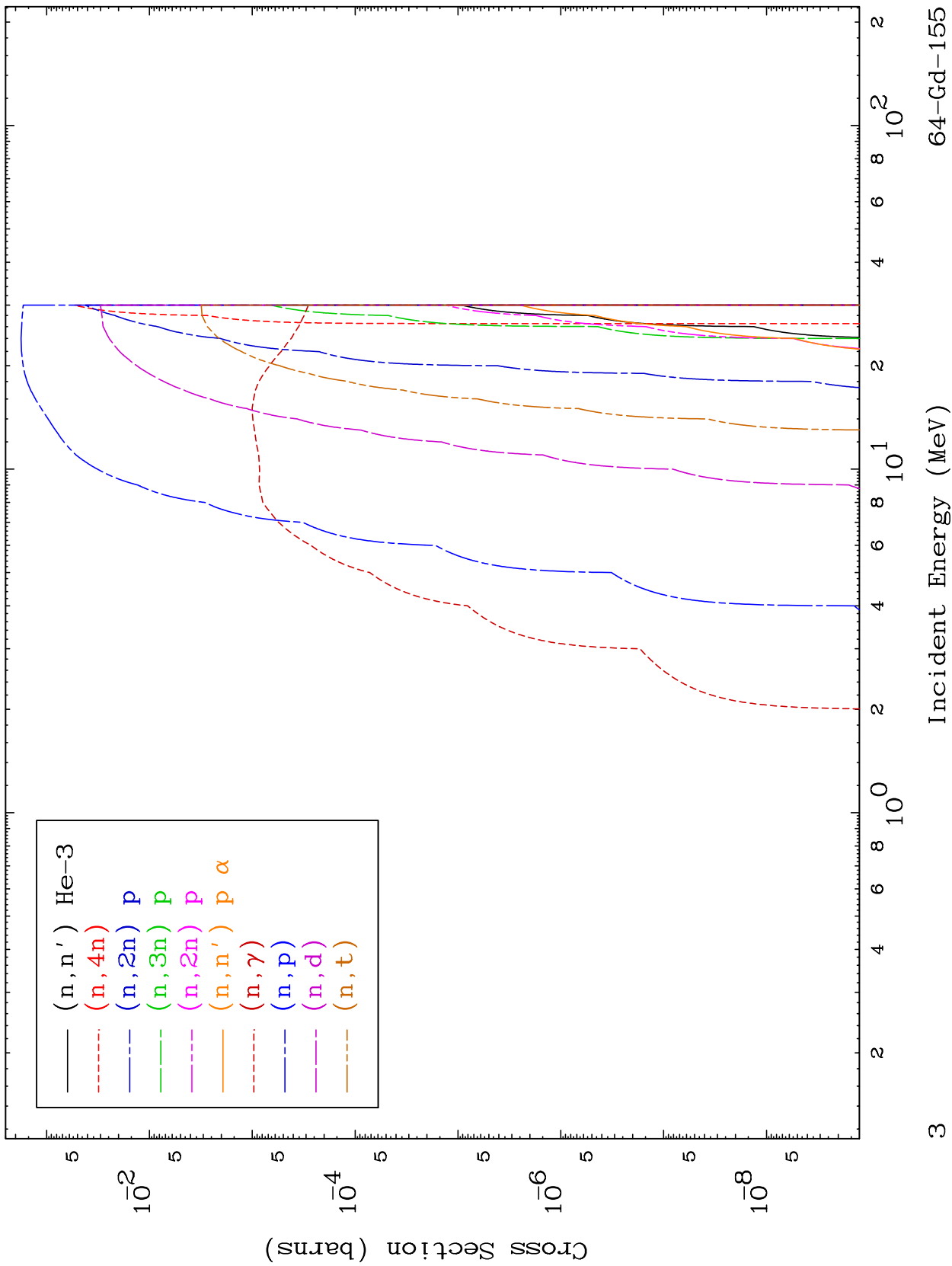
64-Gd-155



MAT 6434

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-155

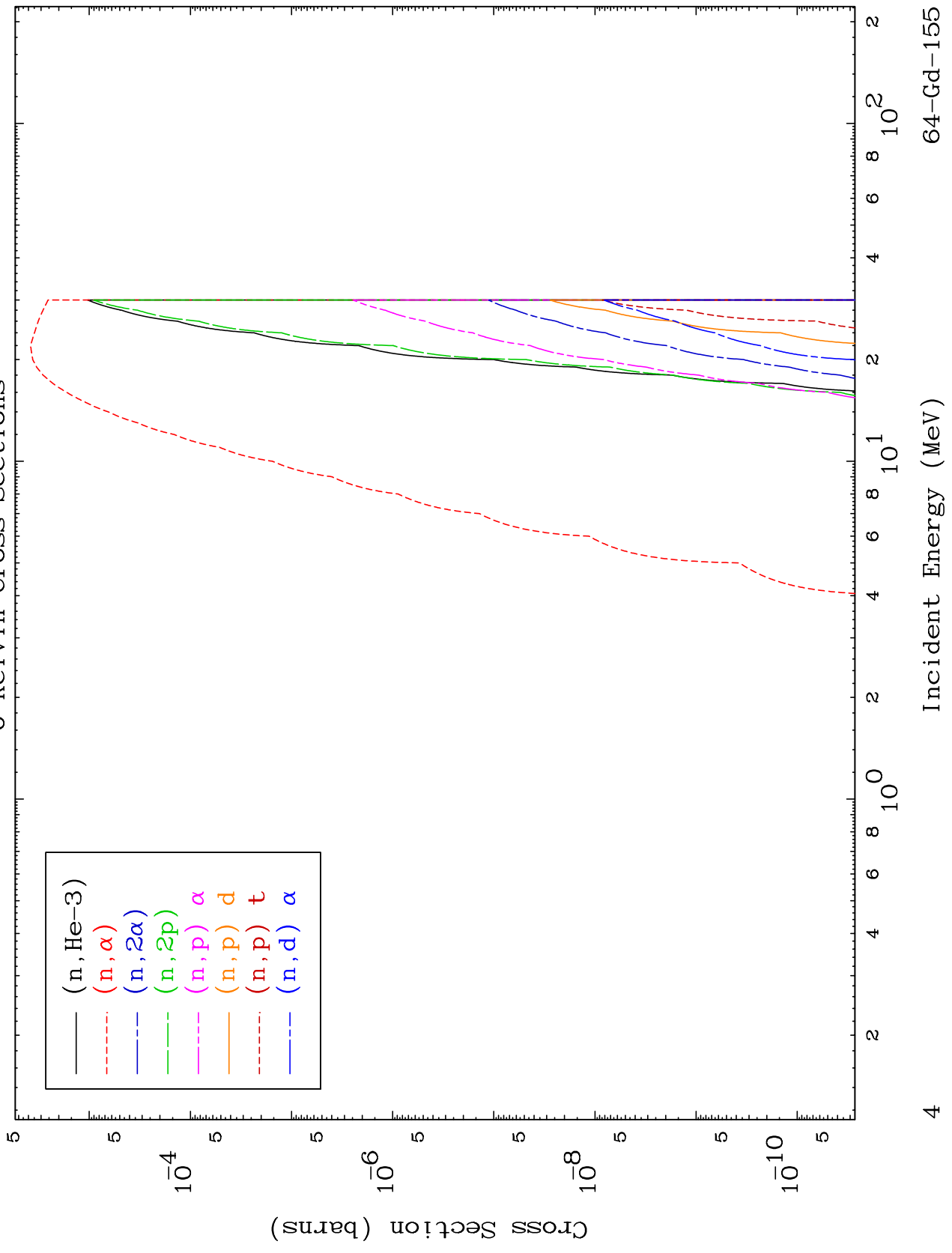


64-Gd-155

MAT 6434

Proton Neutron Absorption
0 Kelvin Cross Sections

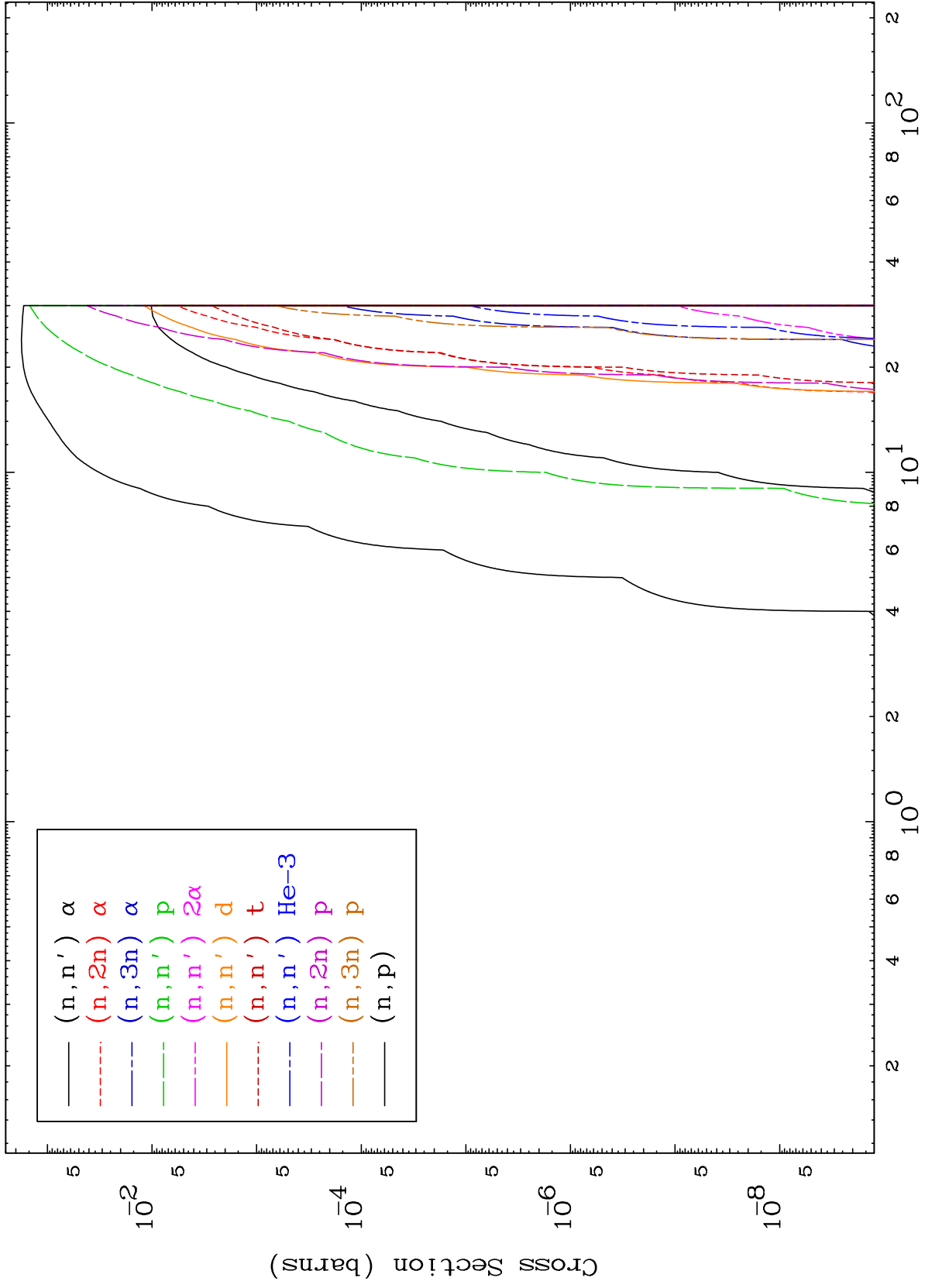
64-Gd-155



MAT 6434

Proton Charged Particle
0 Kelvin Cross Sections

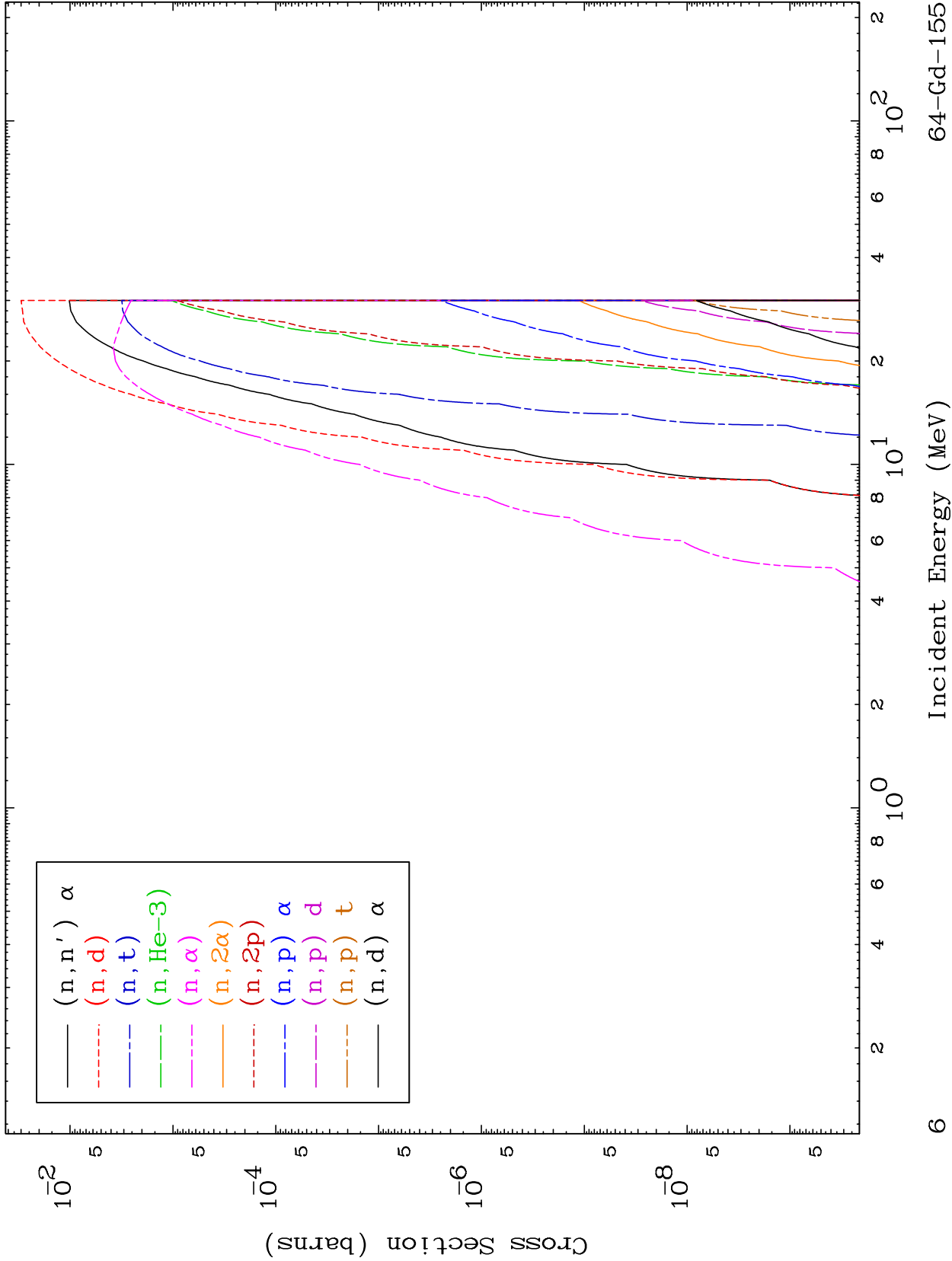
64-Gd-155



MAT 6434

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-155

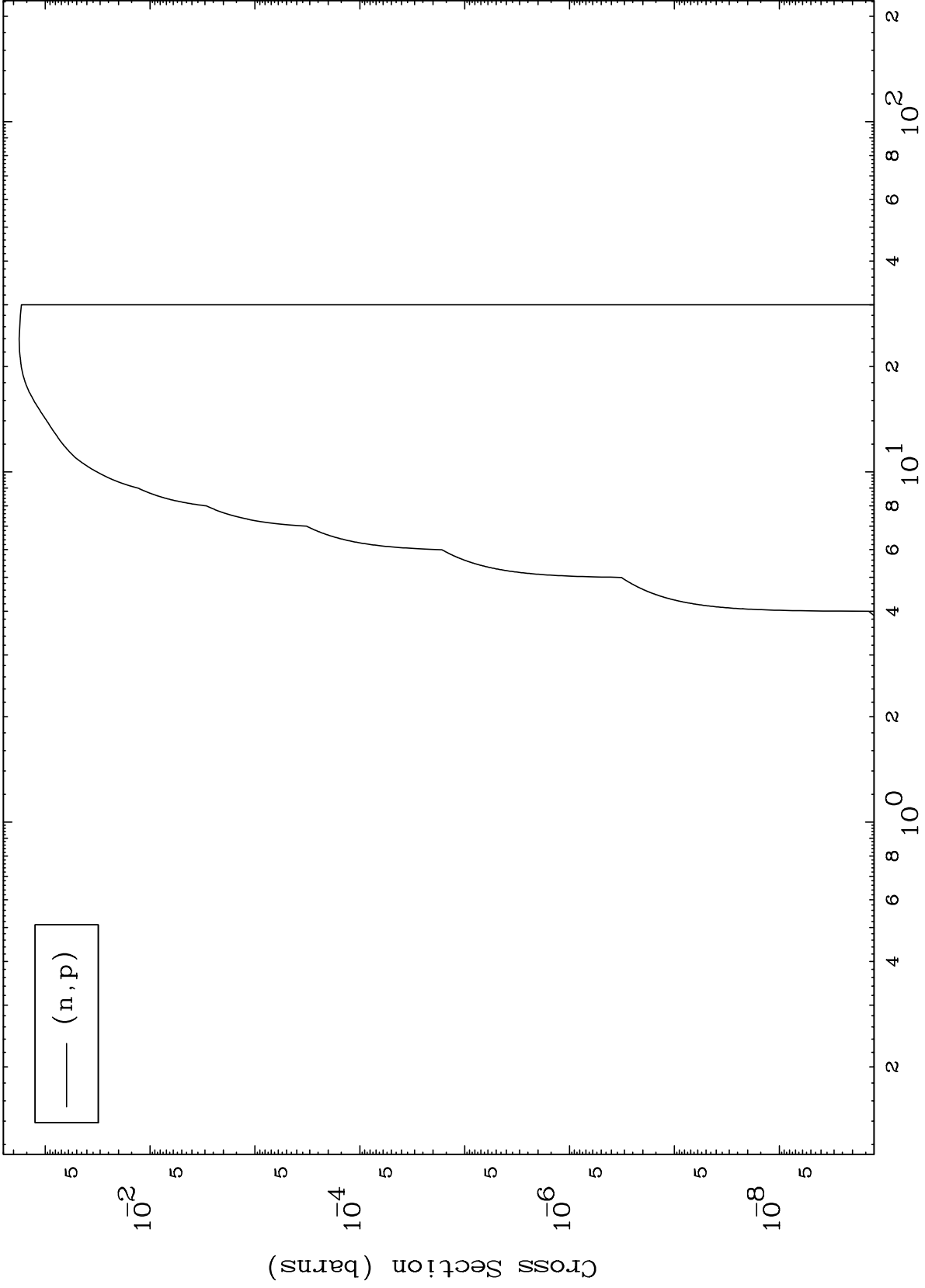


MAT 6434

(p,p) Levels

64-Gd-155

0 Kelvin Cross Sections



7

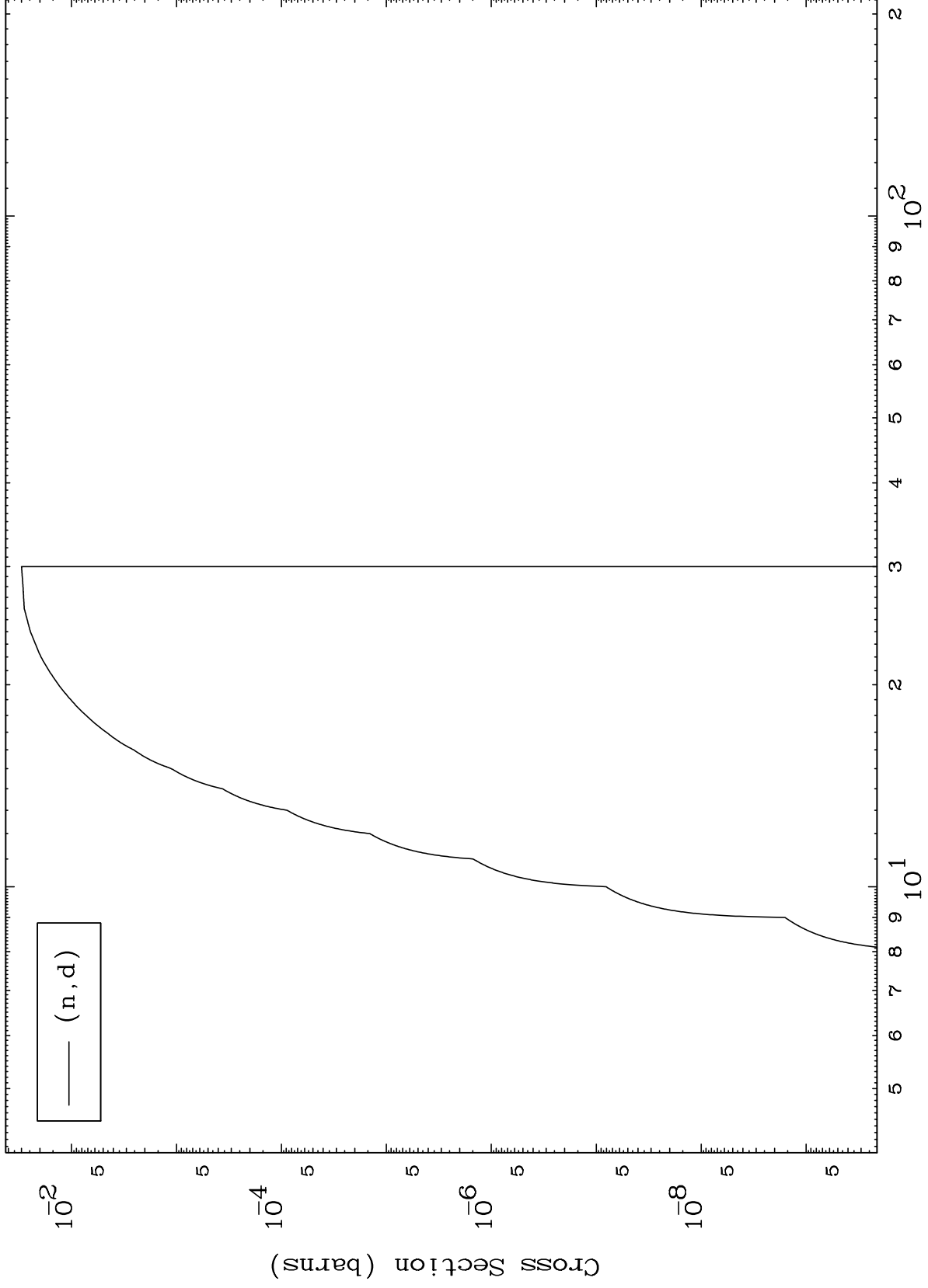
Incident Energy (MeV)

64-Gd-155

MAT 6434

(p,d) Levels
0 Kelvin Cross Sections

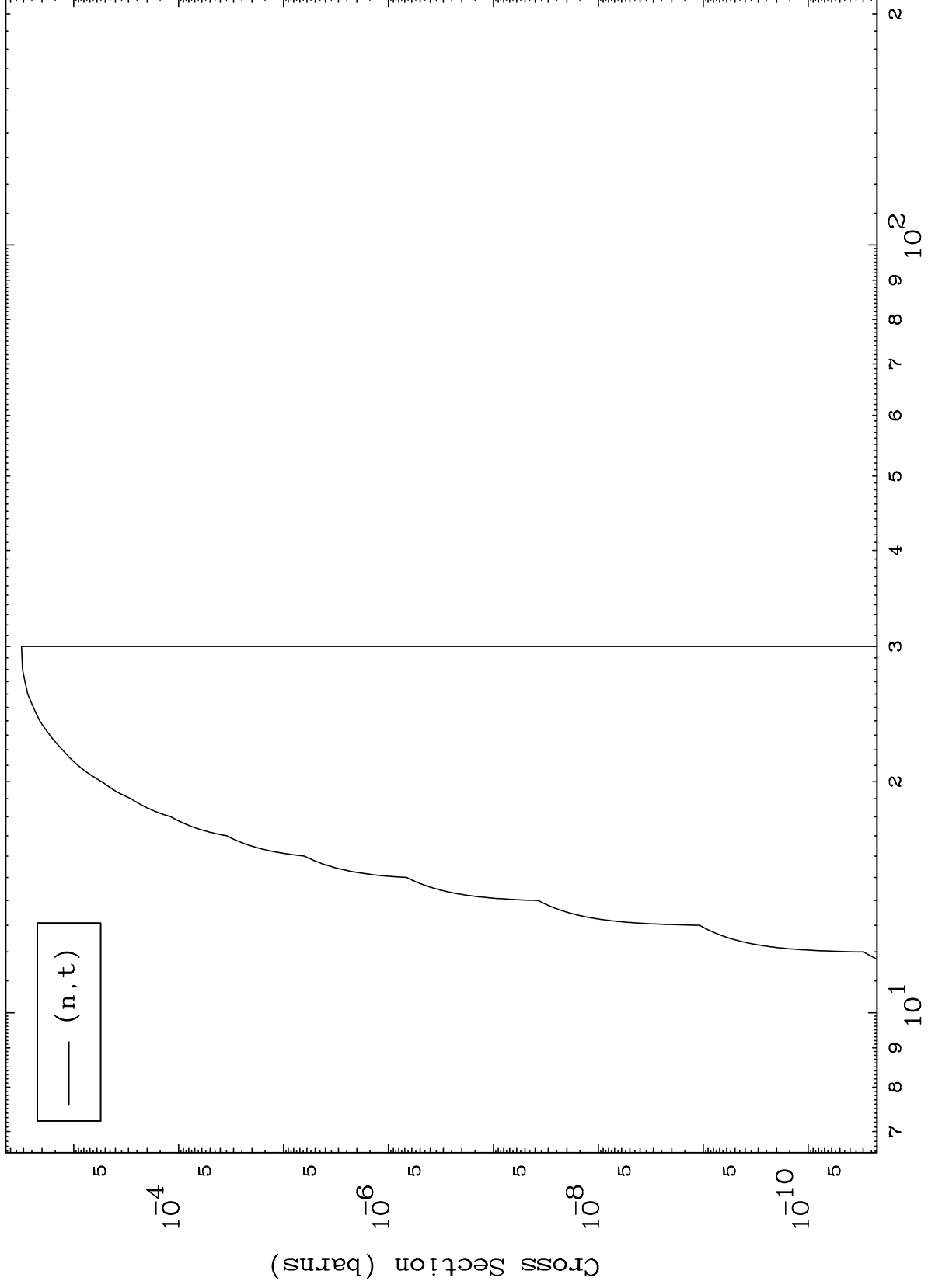
64-Gd-155



MAT 6434

(p, t) Levels
0 Kelvin Cross Sections

64-Gd-155



9

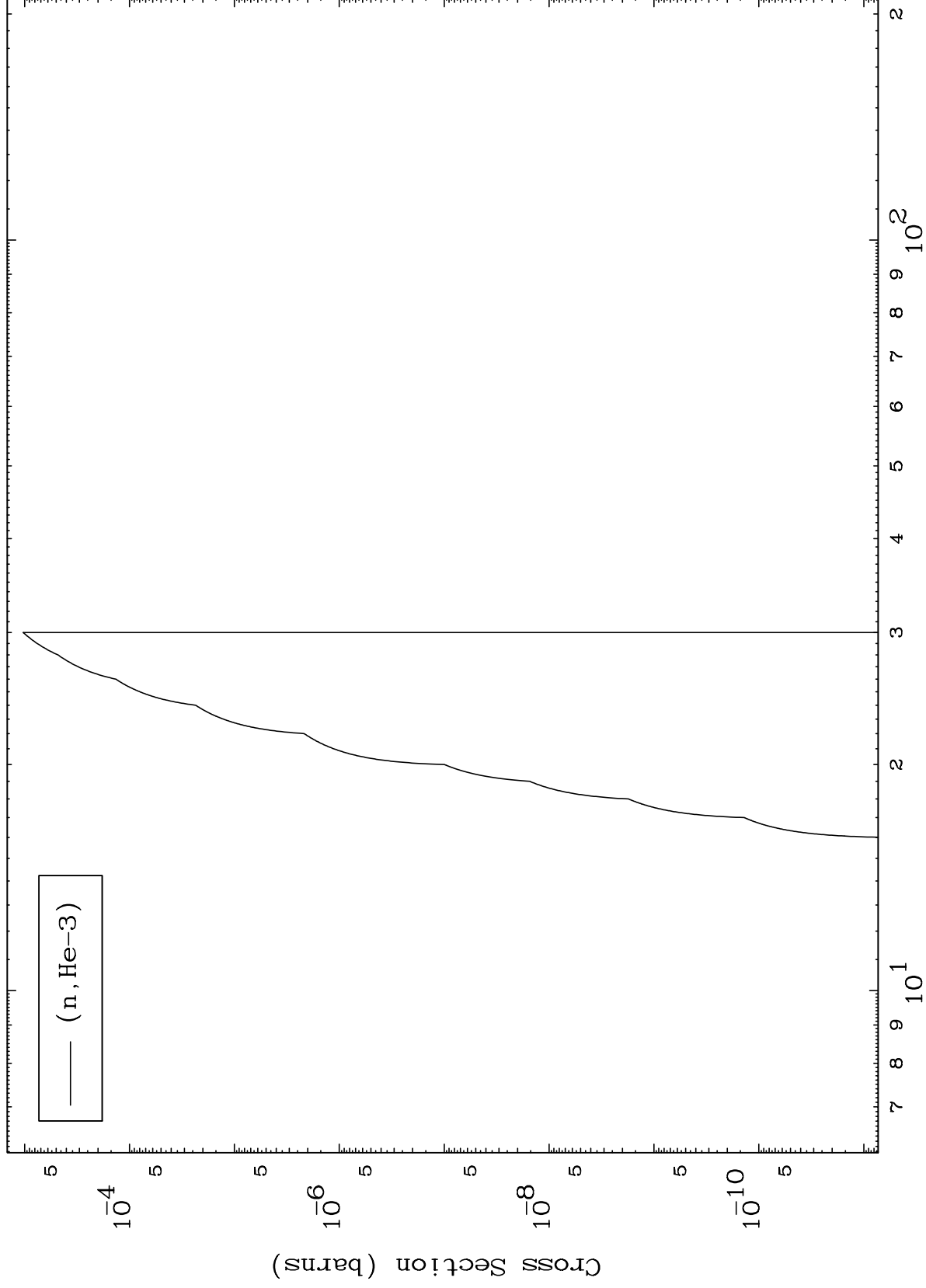
Incident Energy (MeV)

64-Gd-155

MAT 6434

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-155



10

Incident Energy (MeV)

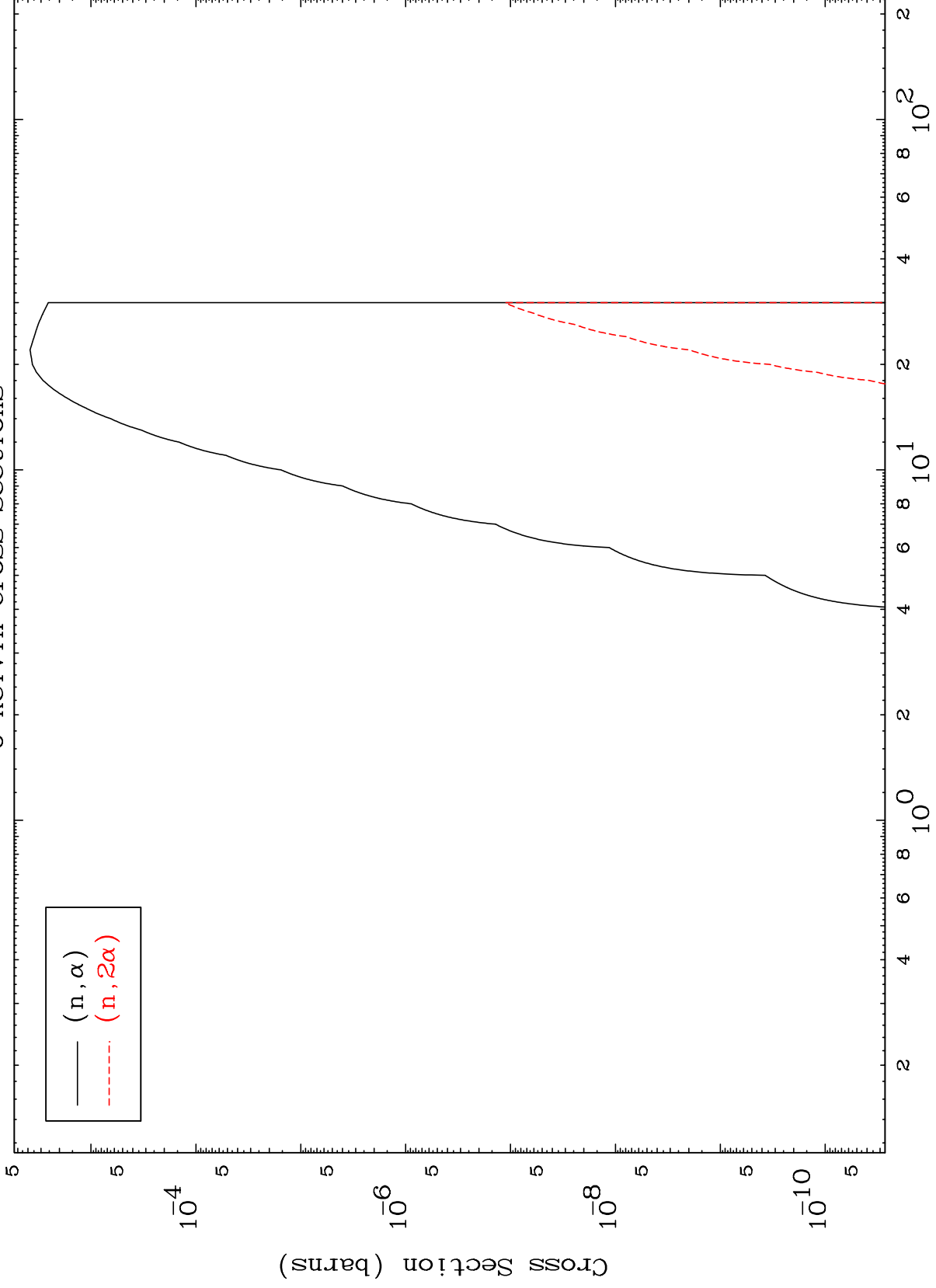
64-Gd-155

MAT 6434

(p, α) Levels

64-Gd-155

0 Kelvin Cross Sections

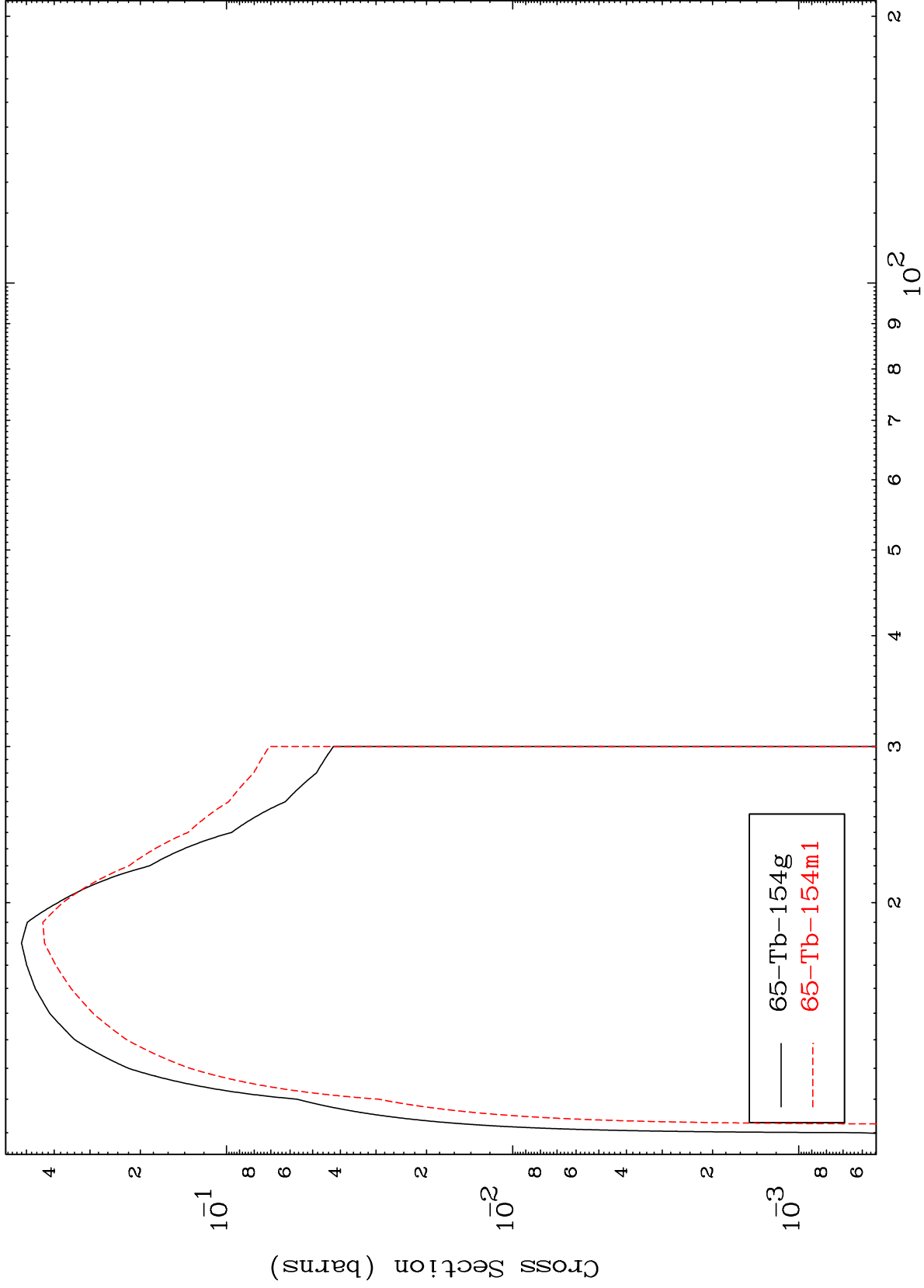


MAT 6434

(n,2n)

64-Gd-155

Radionuclide Production Cross Section



12

Incident Energy (MeV)

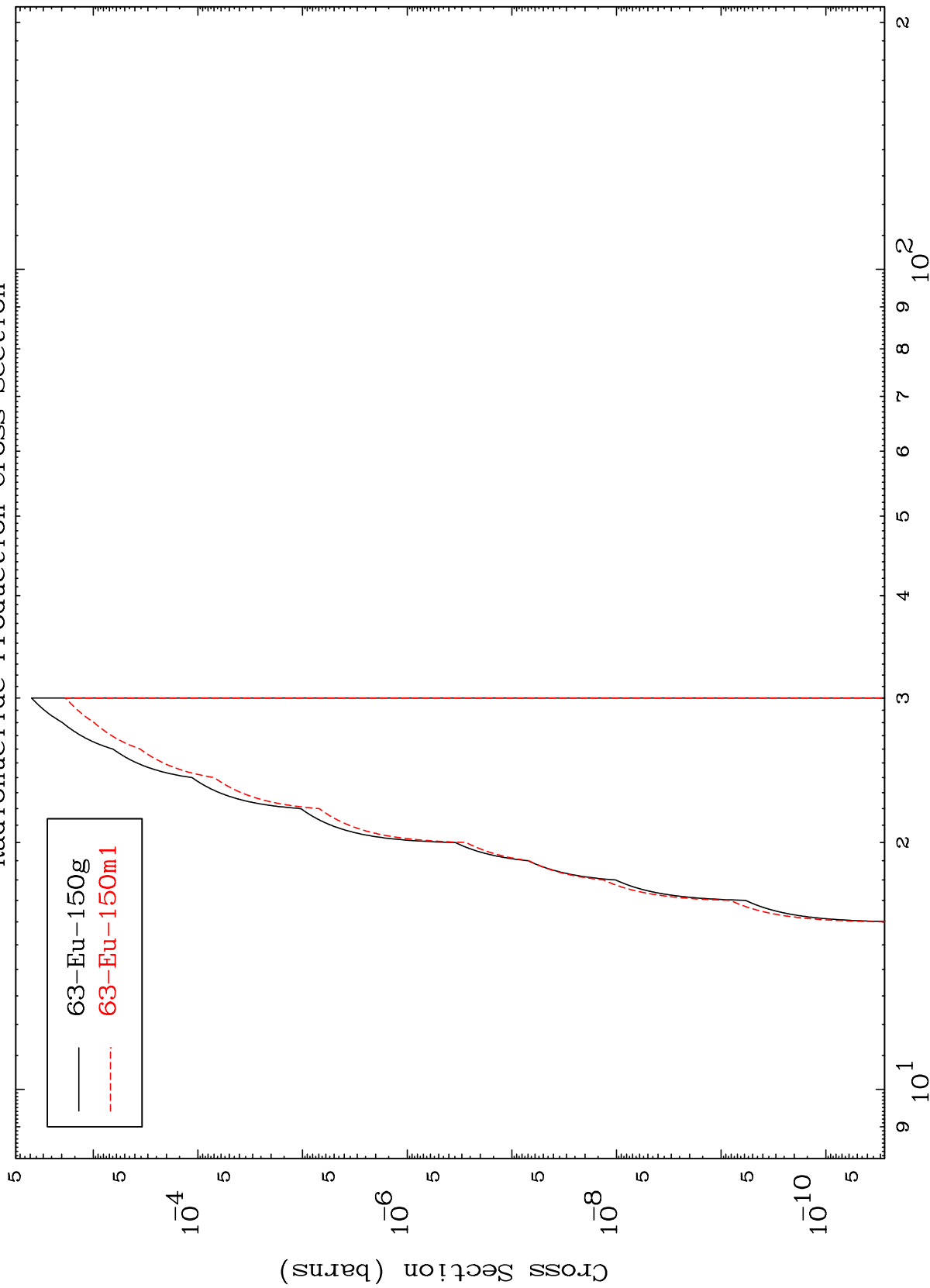
64-Gd-155

MAT 6434

(n,2n) α

64-Gd-155

Radionuclide Production Cross Section



63-Eu-150g
63-Eu-150m1

Incident Energy (MeV)

64-Gd-155

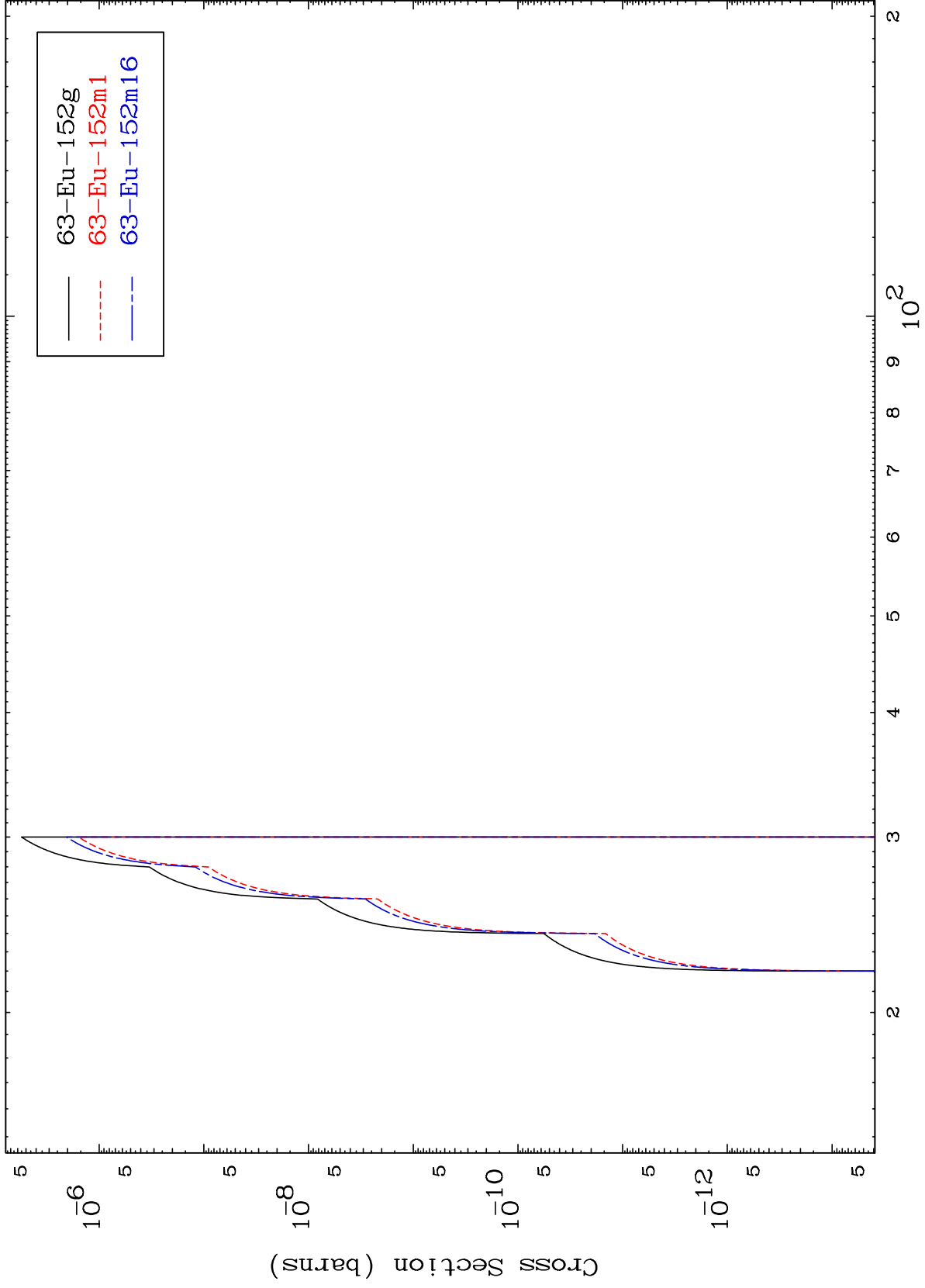
13

MAT 6434

(n,n') He-3

64-Gd-155

Radionuclide Production Cross Section



14

Incident Energy (MeV)

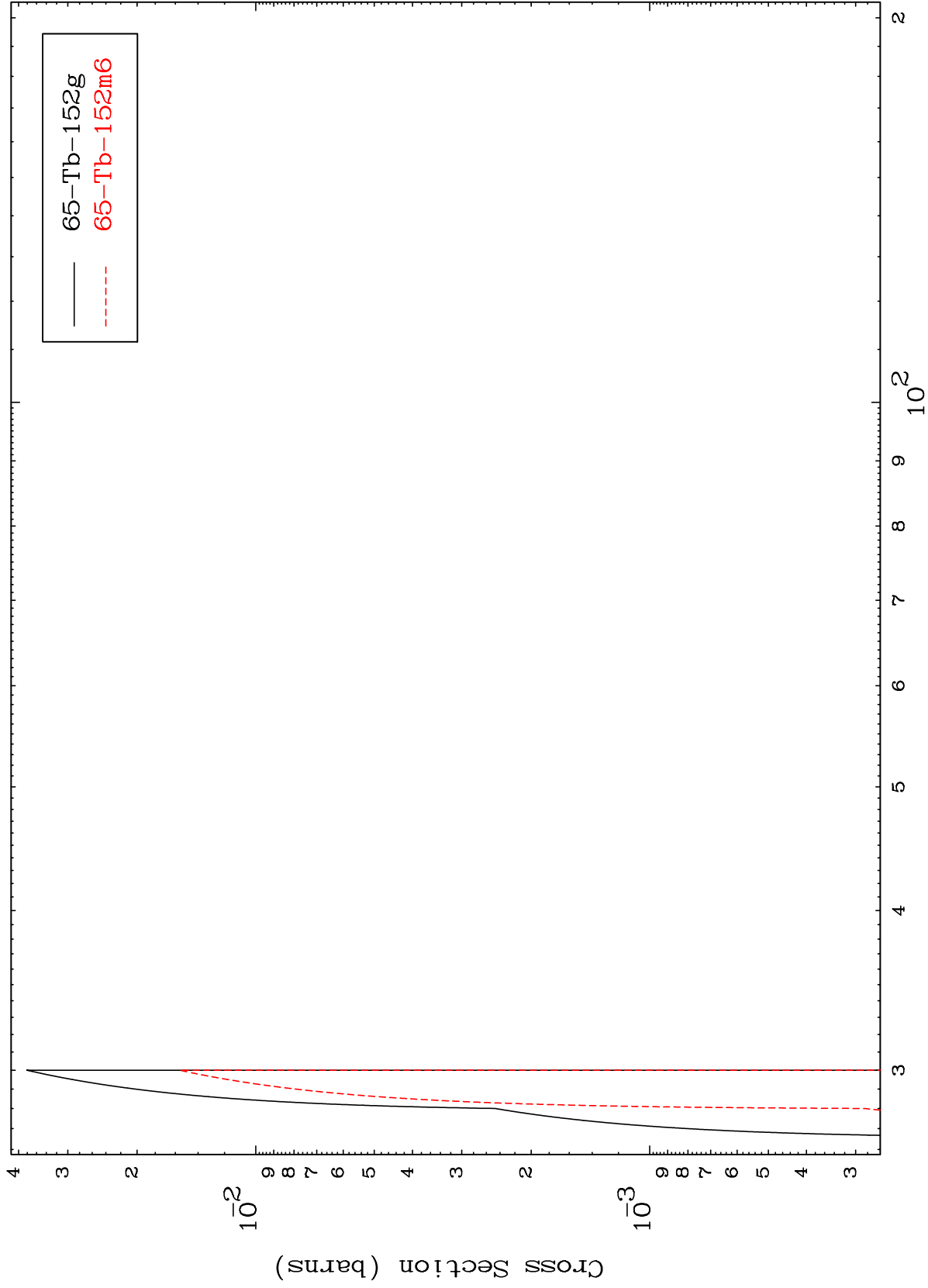
64-Gd-155

MAT 6434

(n,4n)

64-Gd-155

Radionuclide Production Cross Section



15

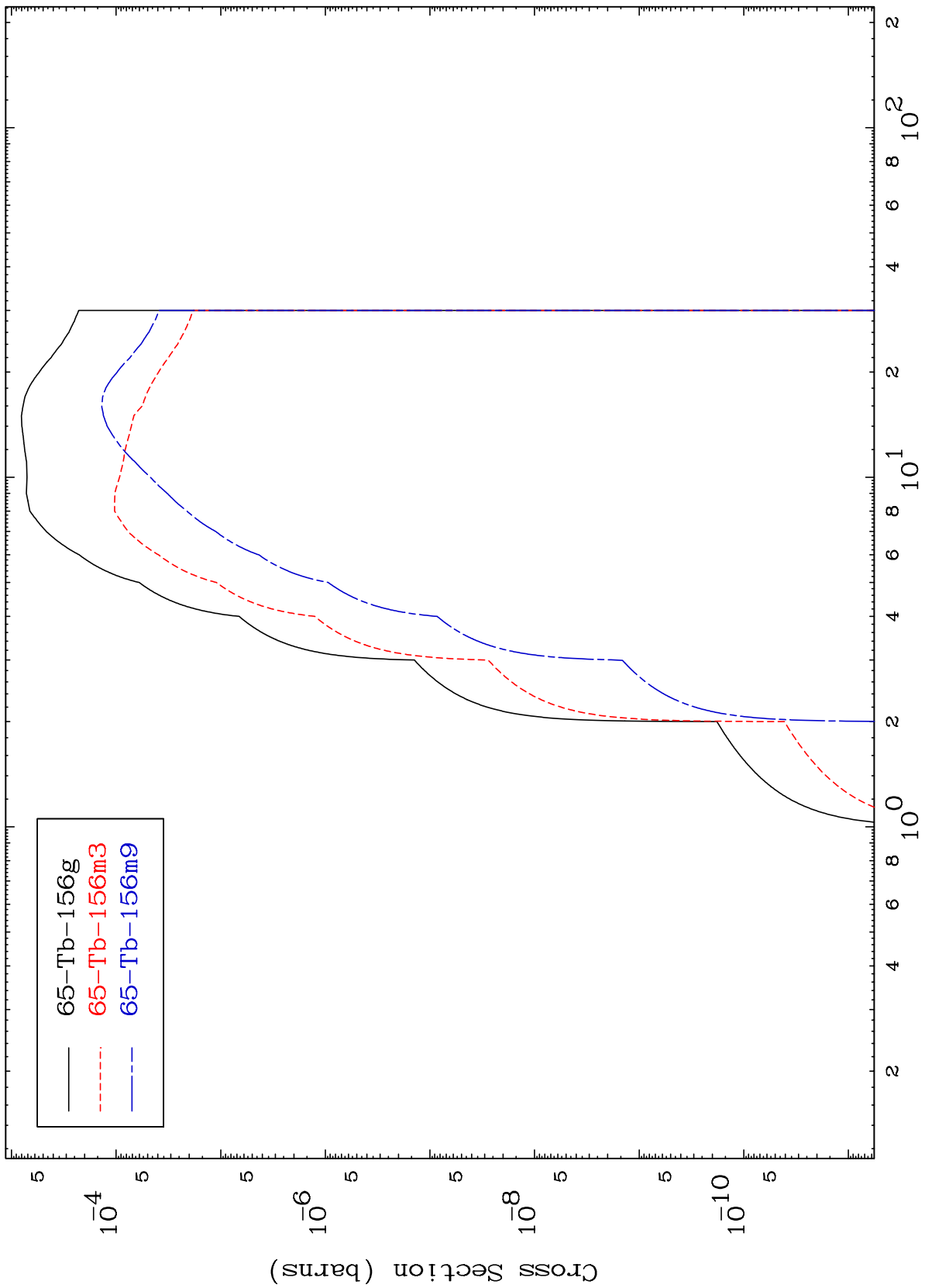
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

(n, γ)
Radionuclide Production Cross Section



65-Tb-156g
65-Tb-156m3
65-Tb-156m9

64-Gd-155

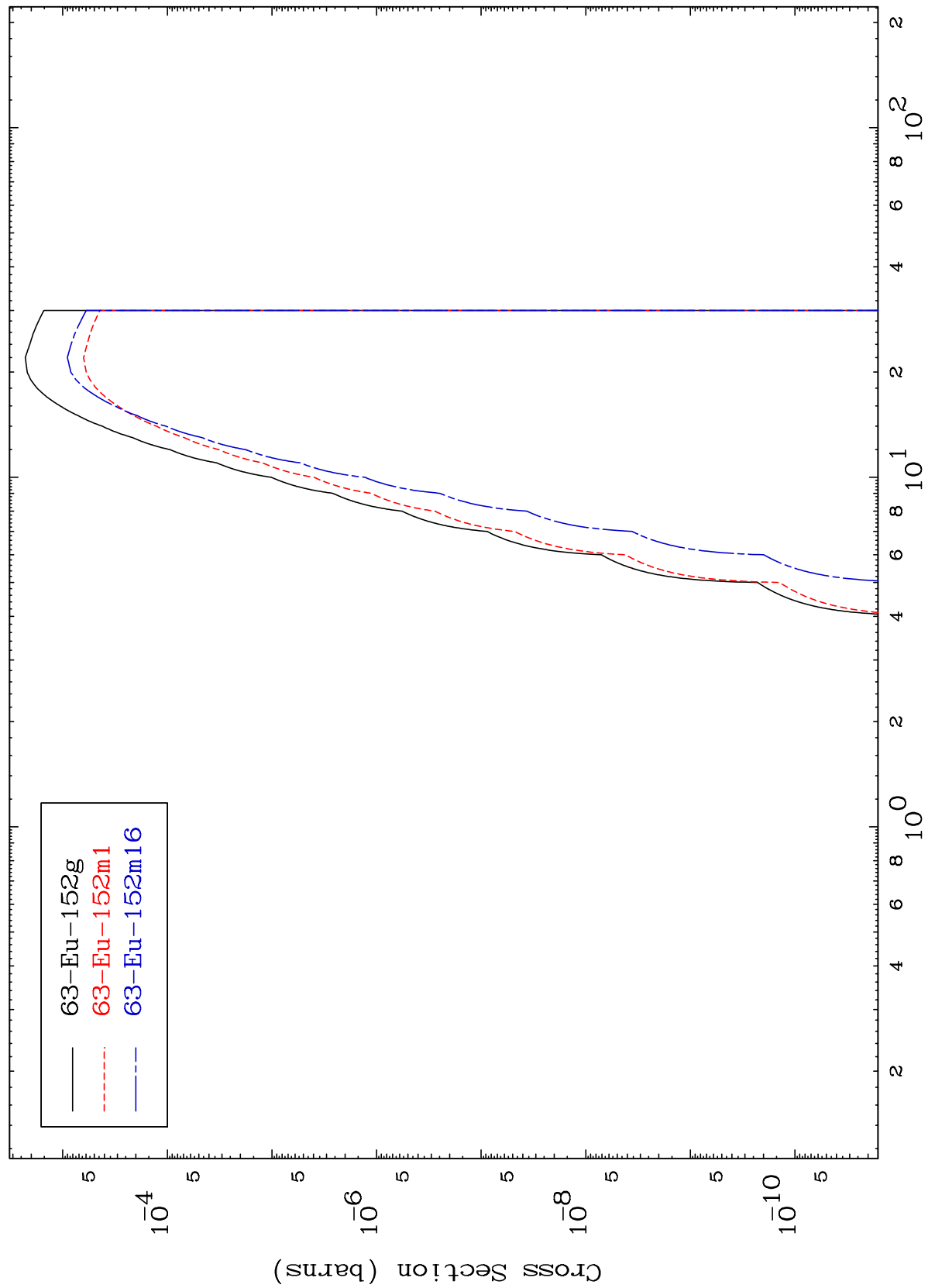
Incident Energy (MeV)

16

MAT 6434

64-Gd-155

Radionuclide Production Cross Section
(n, α)



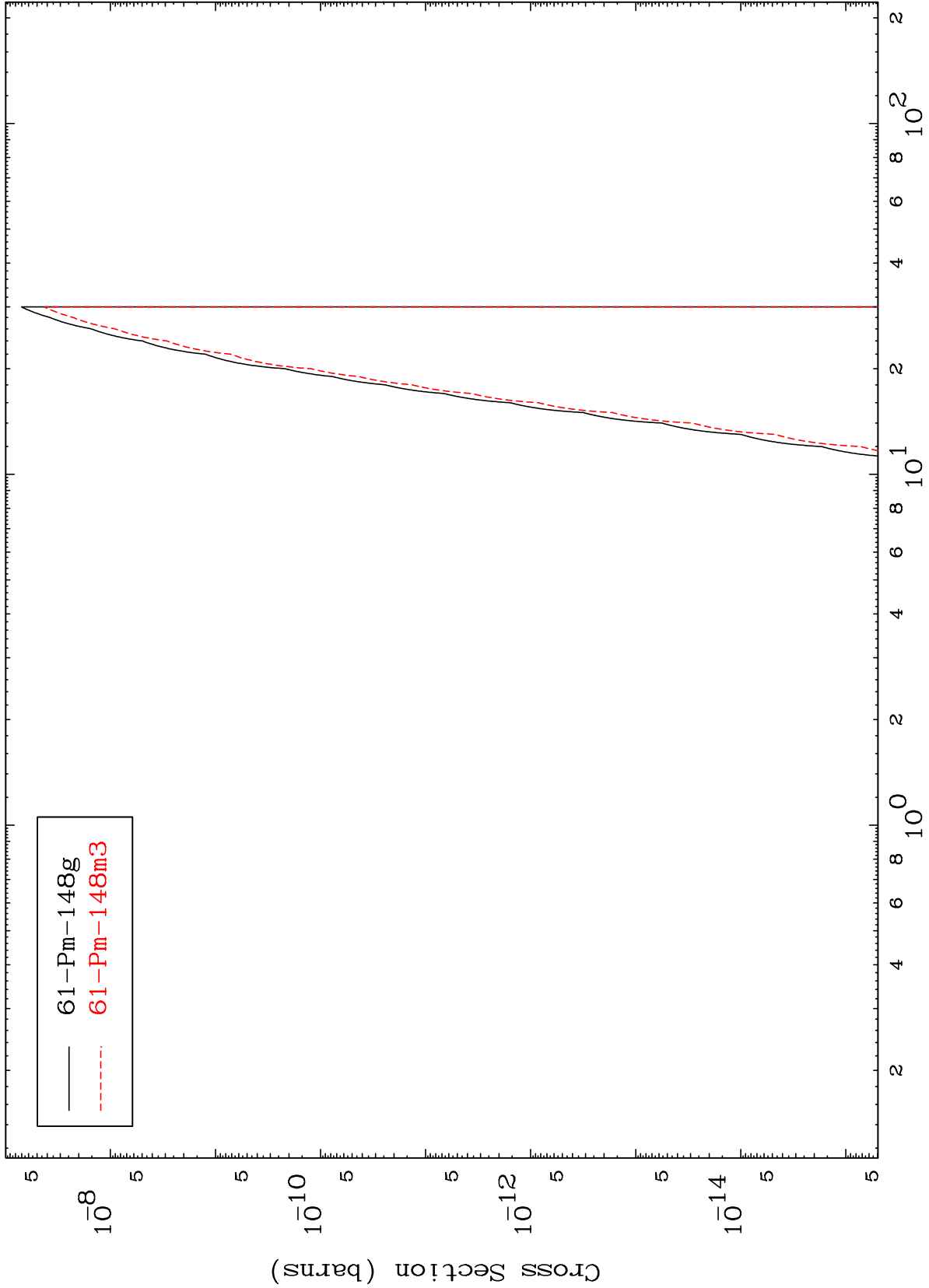
63-Eu-152g
63-Eu-152m1
63-Eu-152m16

MAT 6434

(n,2α)

64-Gd-155

Radionuclide Production Cross Section

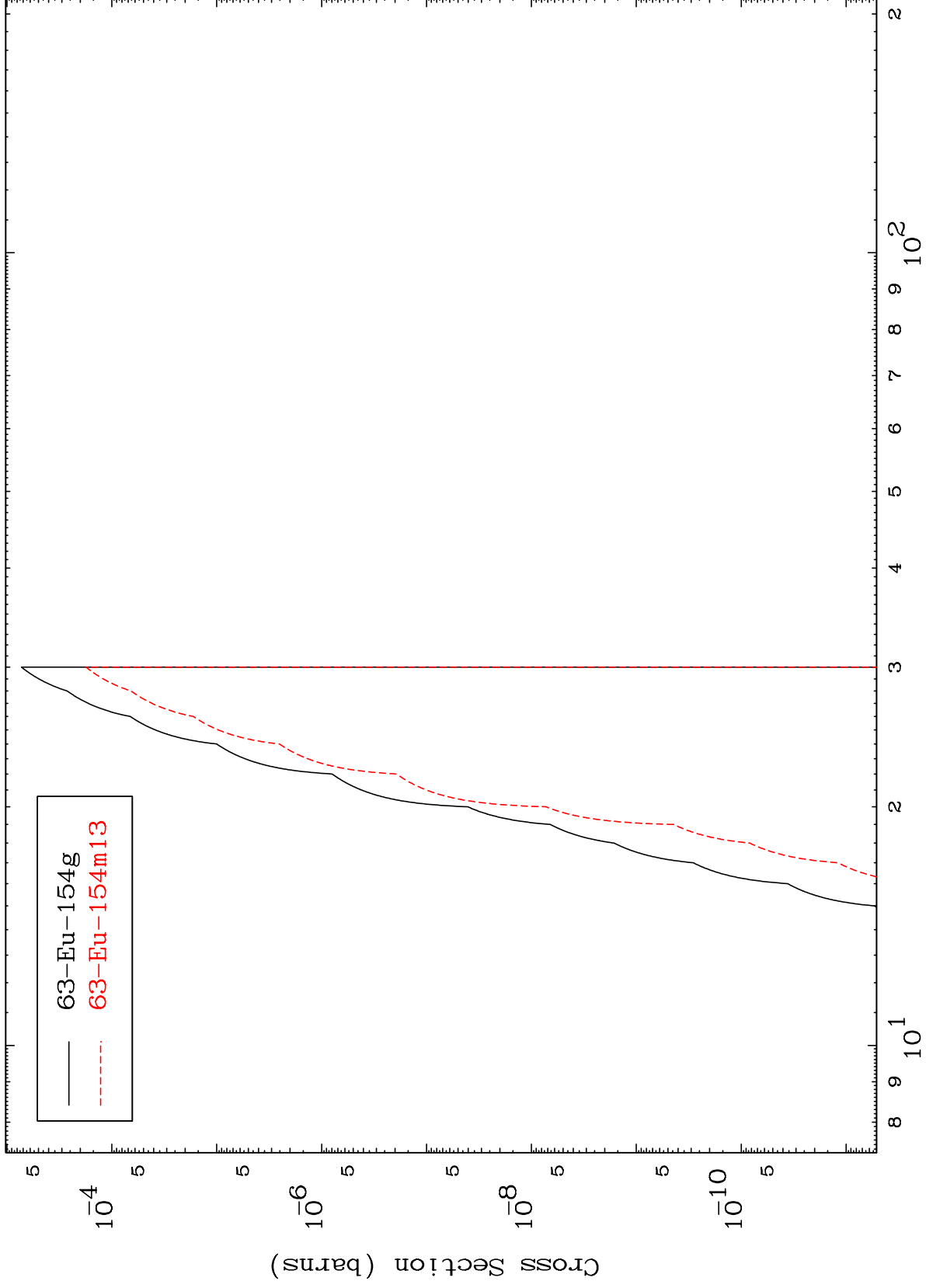


61-Pm-148g
61-Pm-148m3

MAT 6434

64-Gd-155

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-155

