

Program EVALPLOT
(Version 2021-1)

by

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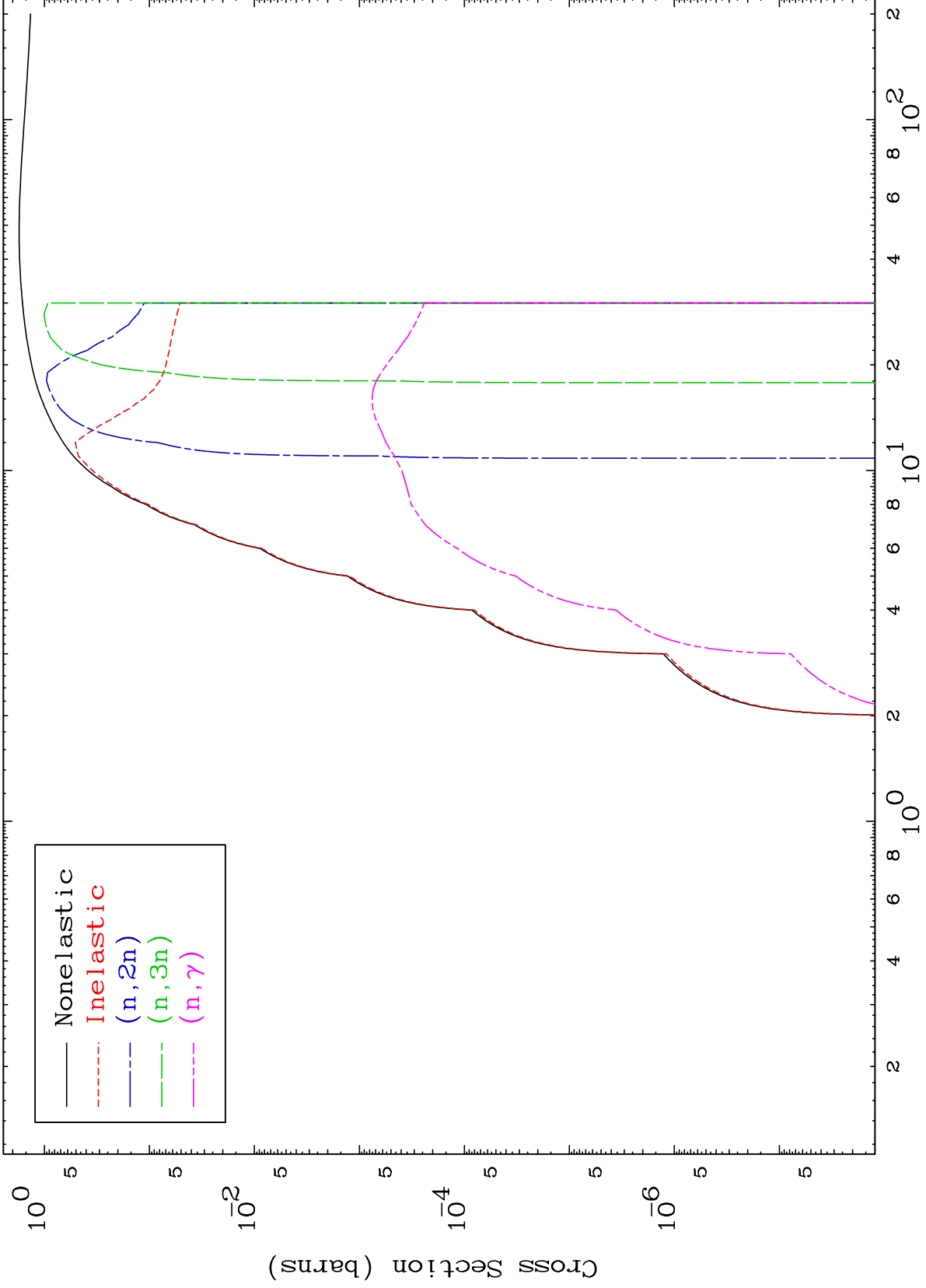
Press Mouse Button to Start

MAT 6434

Proton Major

64-Gd-155

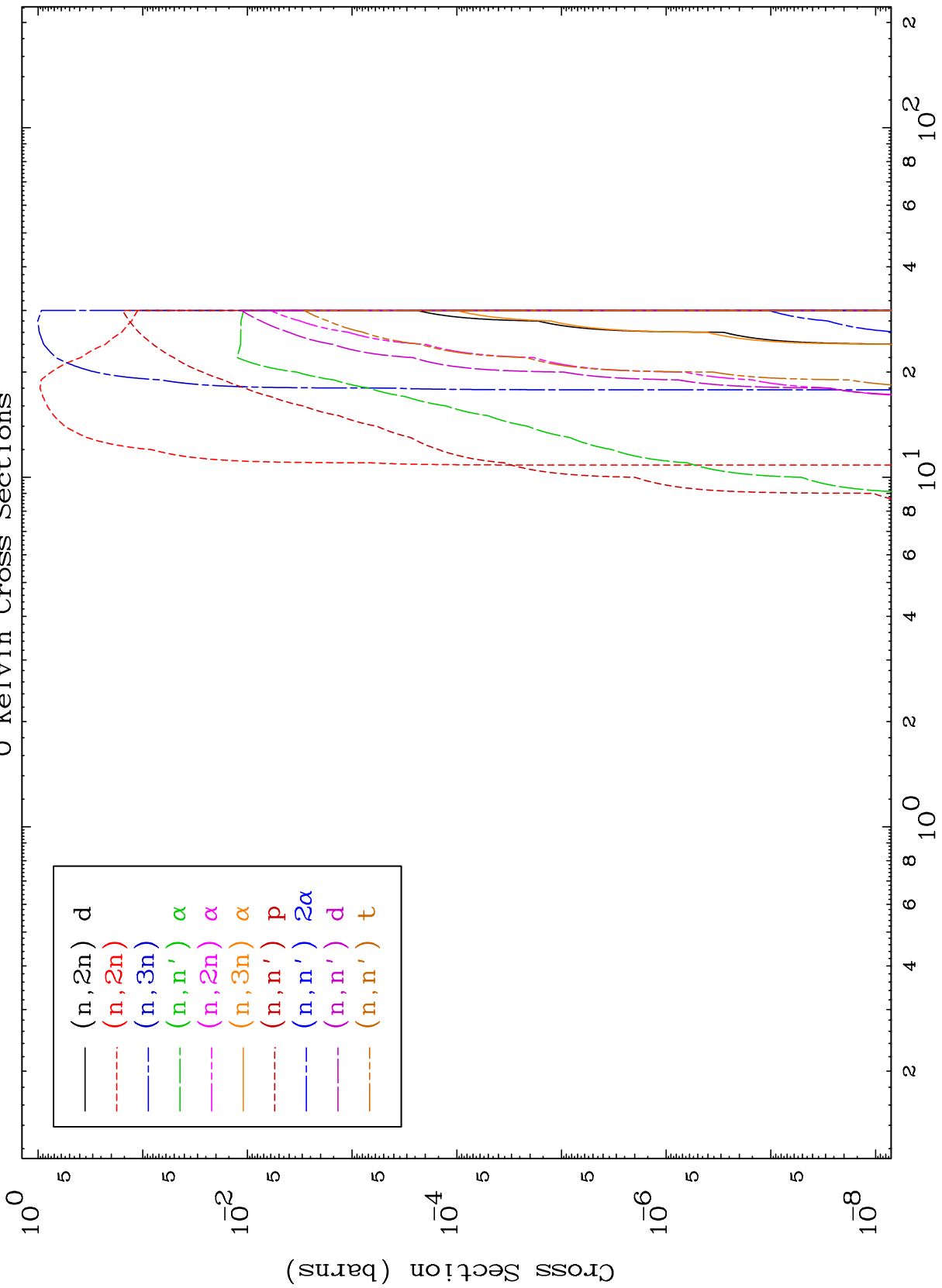
0 Kelvin Cross Sections



MAT 6434

Proton Neutron Absorption
0 Kelvin Cross Sections

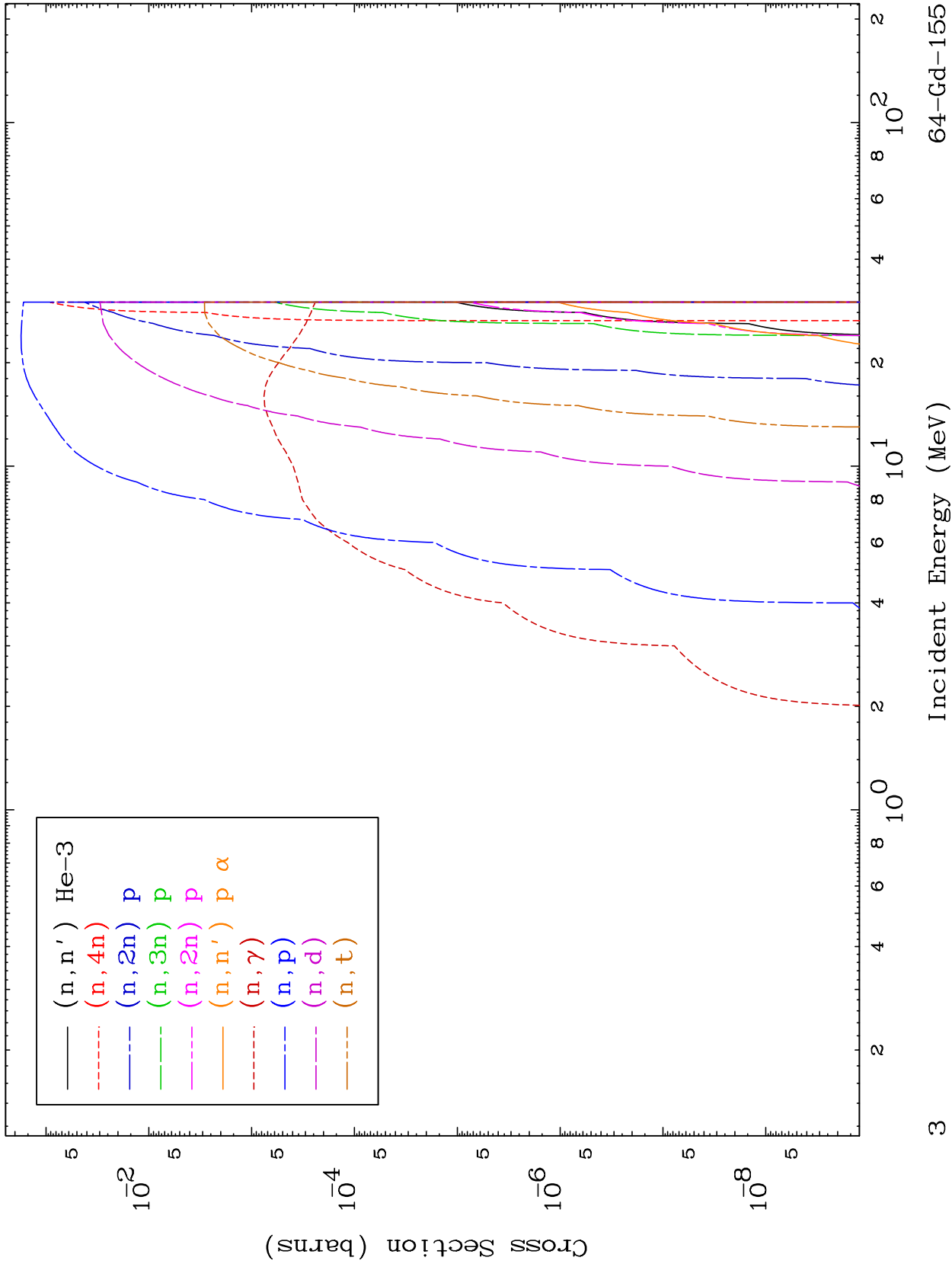
64-Gd-155



MAT 6434

Proton Neutron Absorption
0 Kelvin Cross Sections

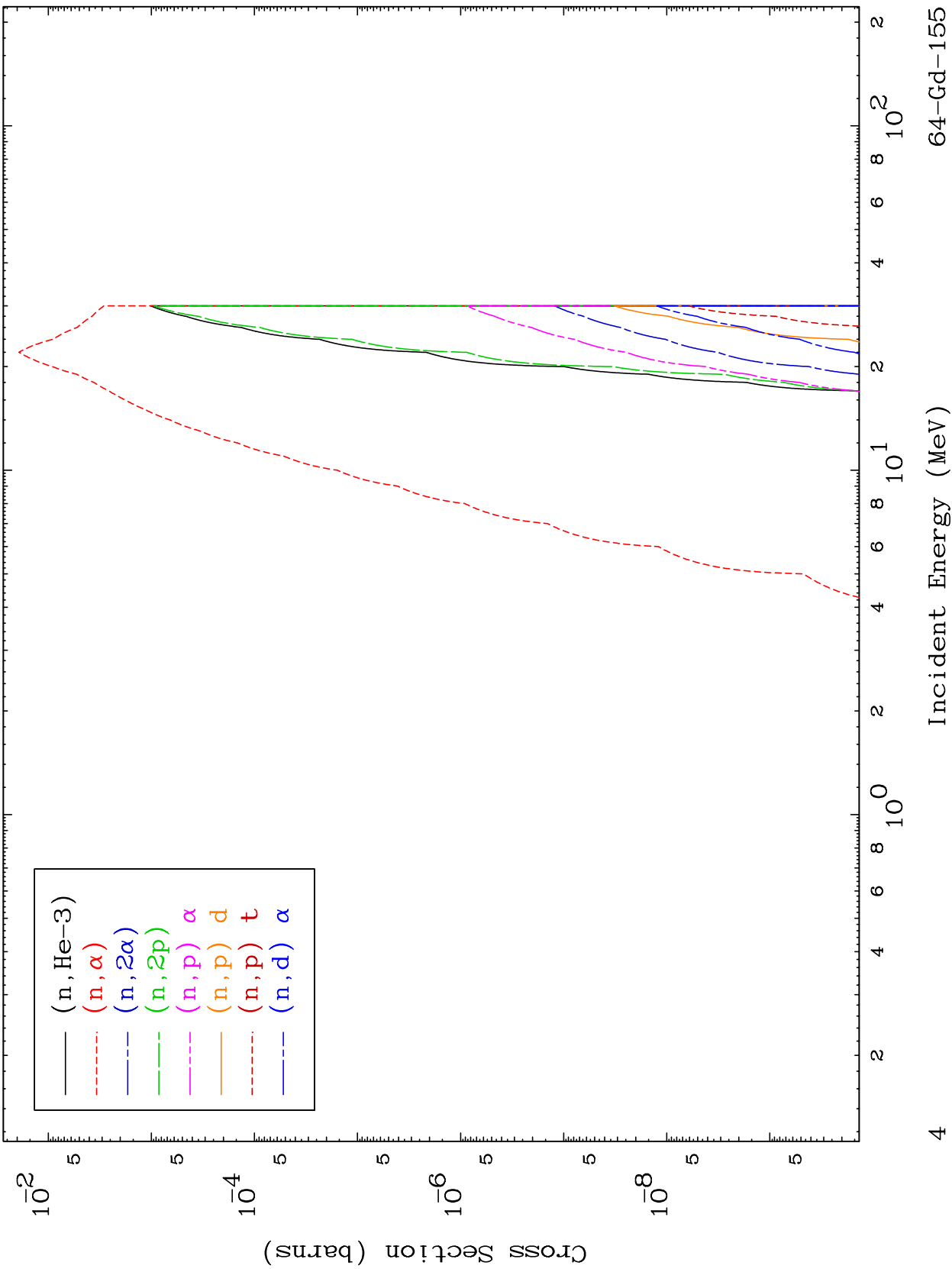
64-Gd-155



MAT 6434

Proton Neutron Absorption
0 Kelvin Cross Sections

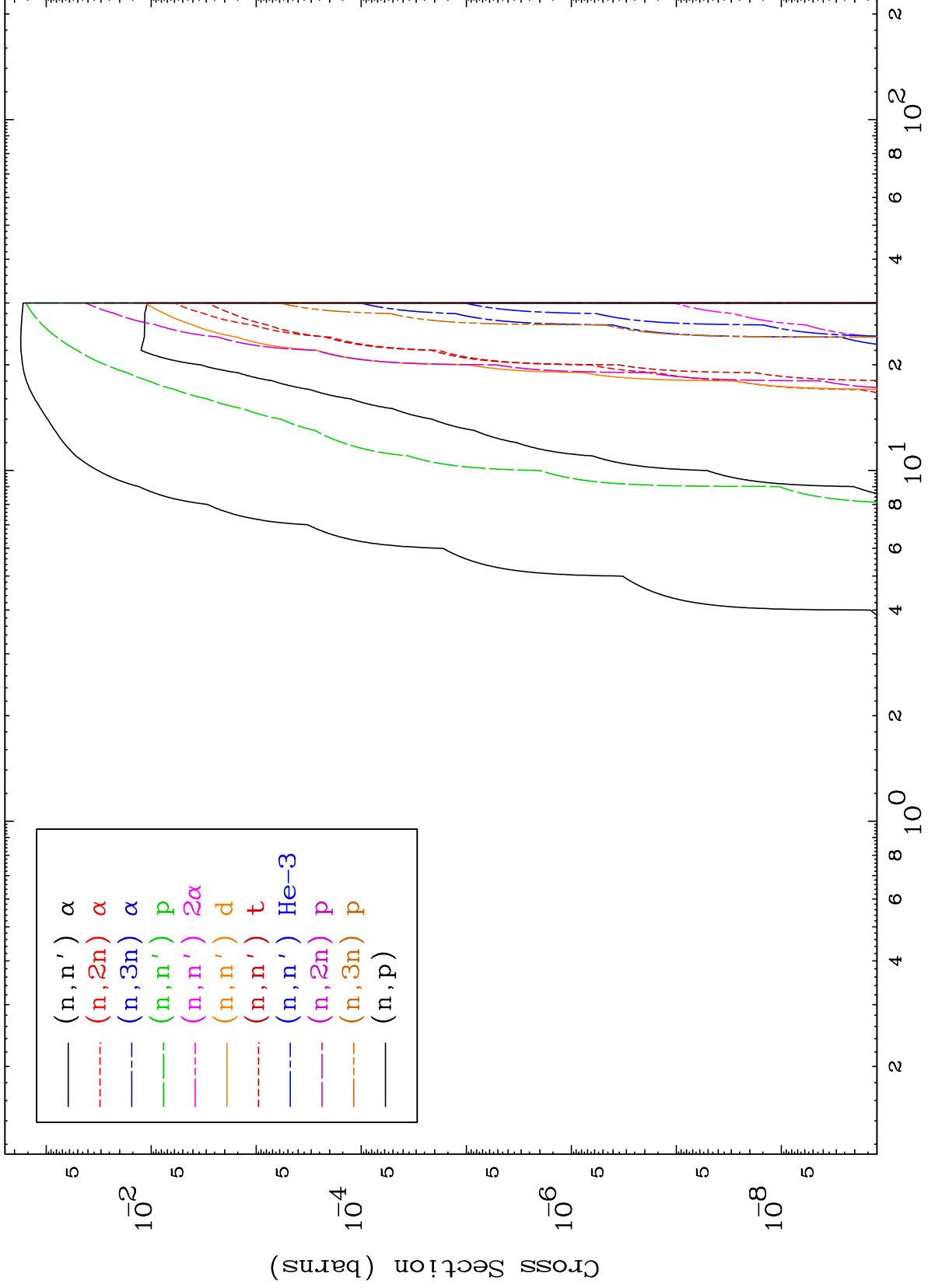
64-Gd-155



MAT 6434

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-155



5

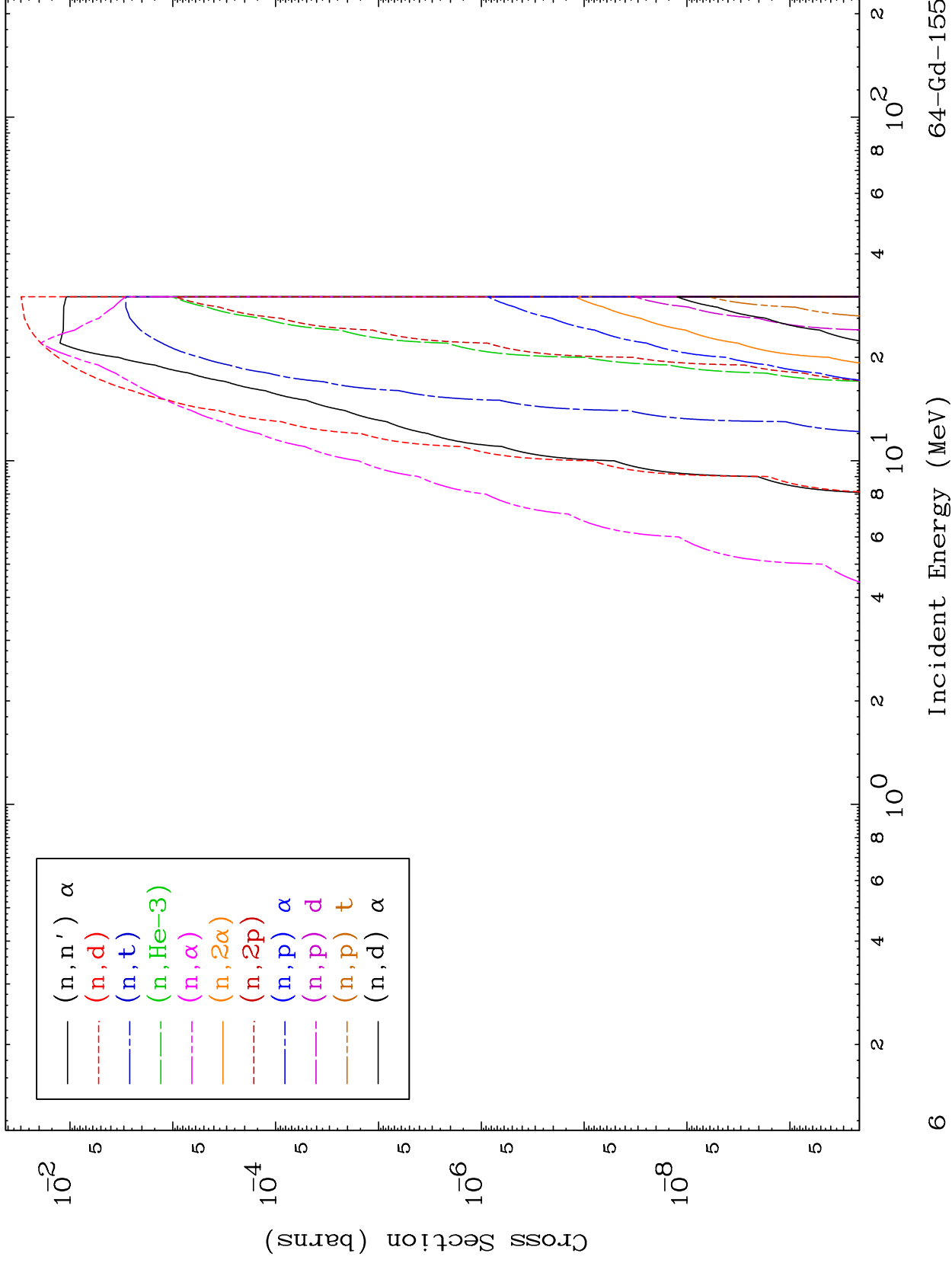
Incident Energy (MeV)

64-Gd-155

MAT 6434

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-155

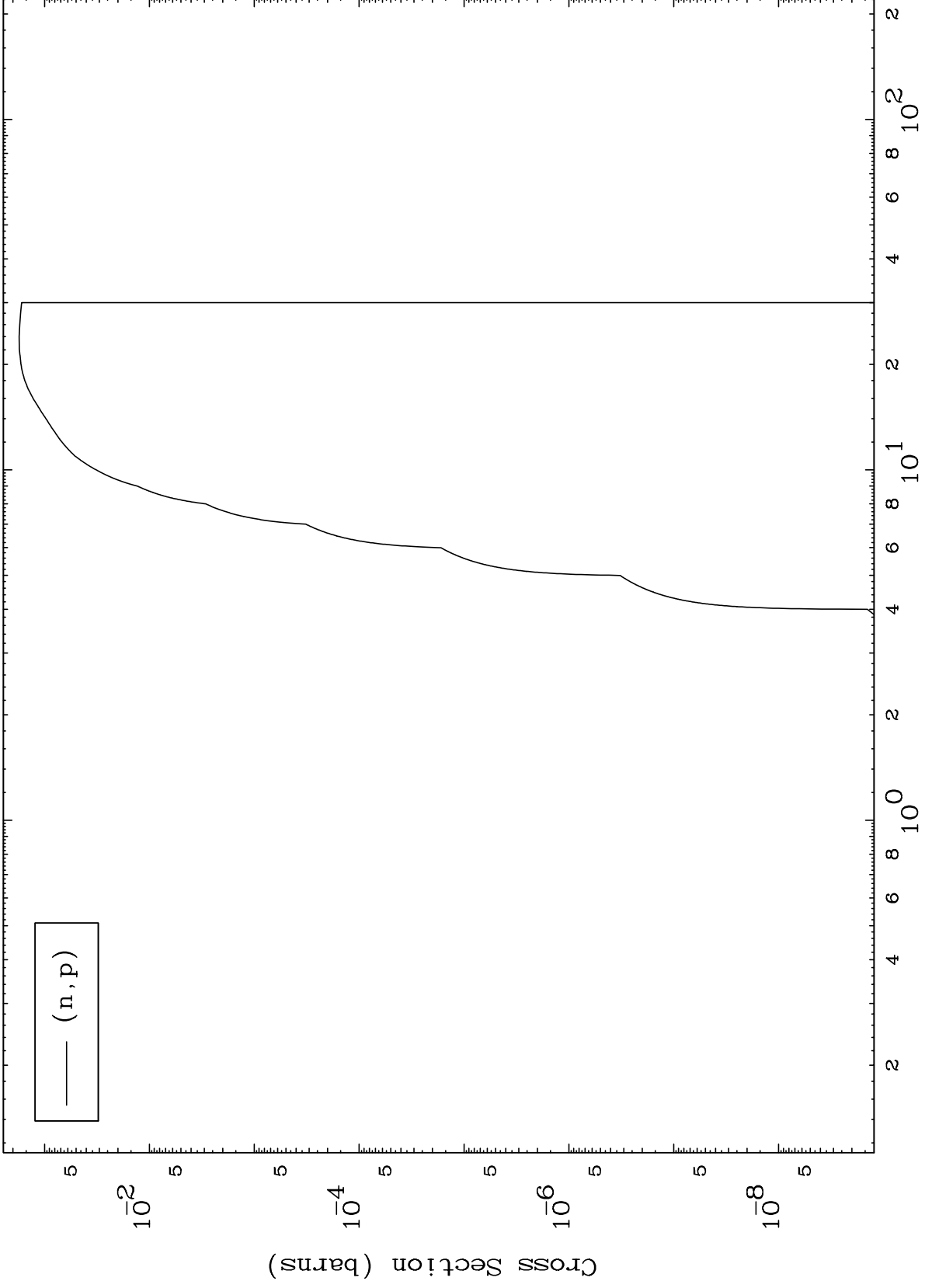


MAT 6434

(p,p) Levels

64-Gd-155

0 Kelvin Cross Sections

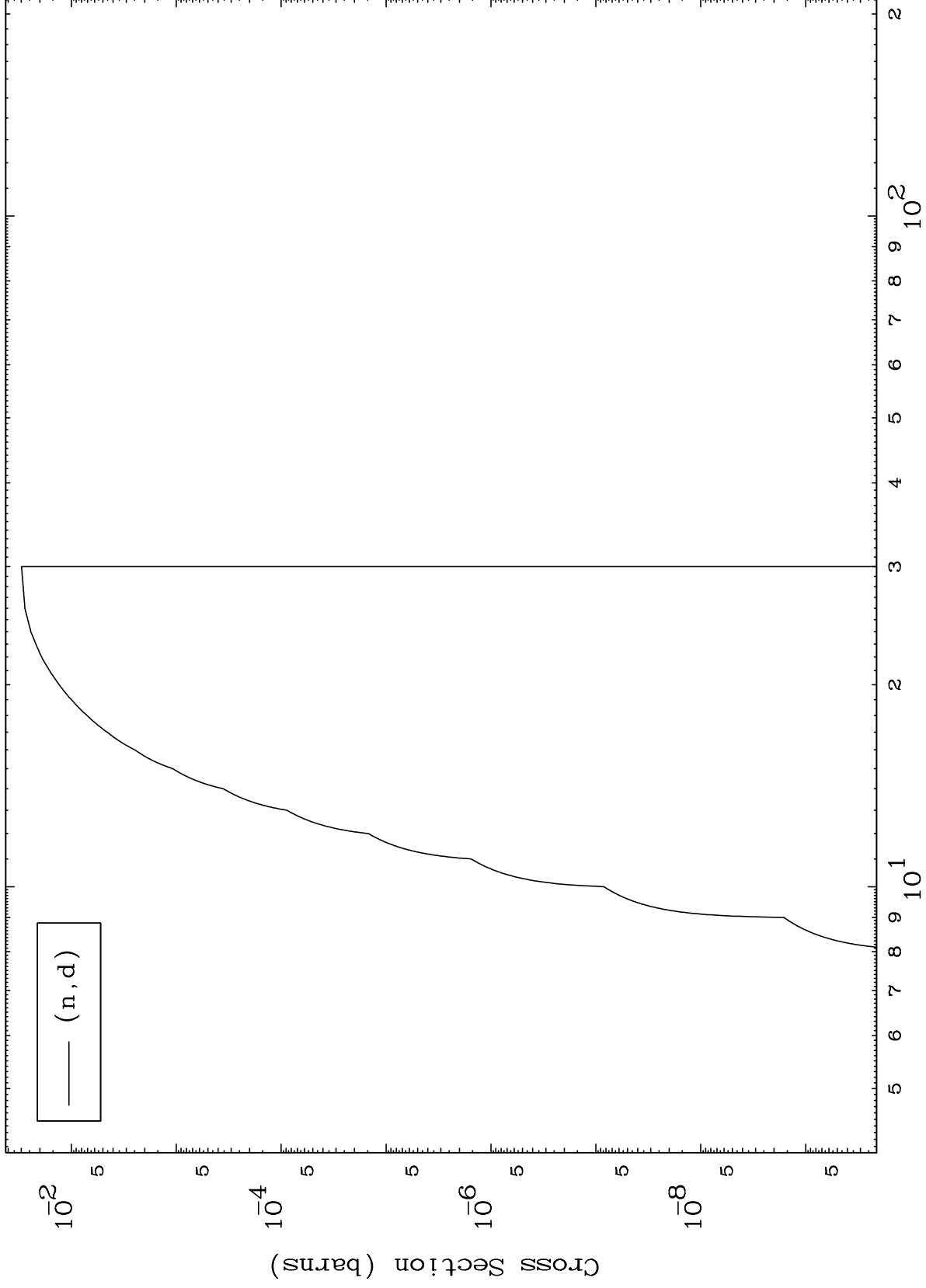


(n,p)

MAT 6434

(p,d) Levels
0 Kelvin Cross Sections

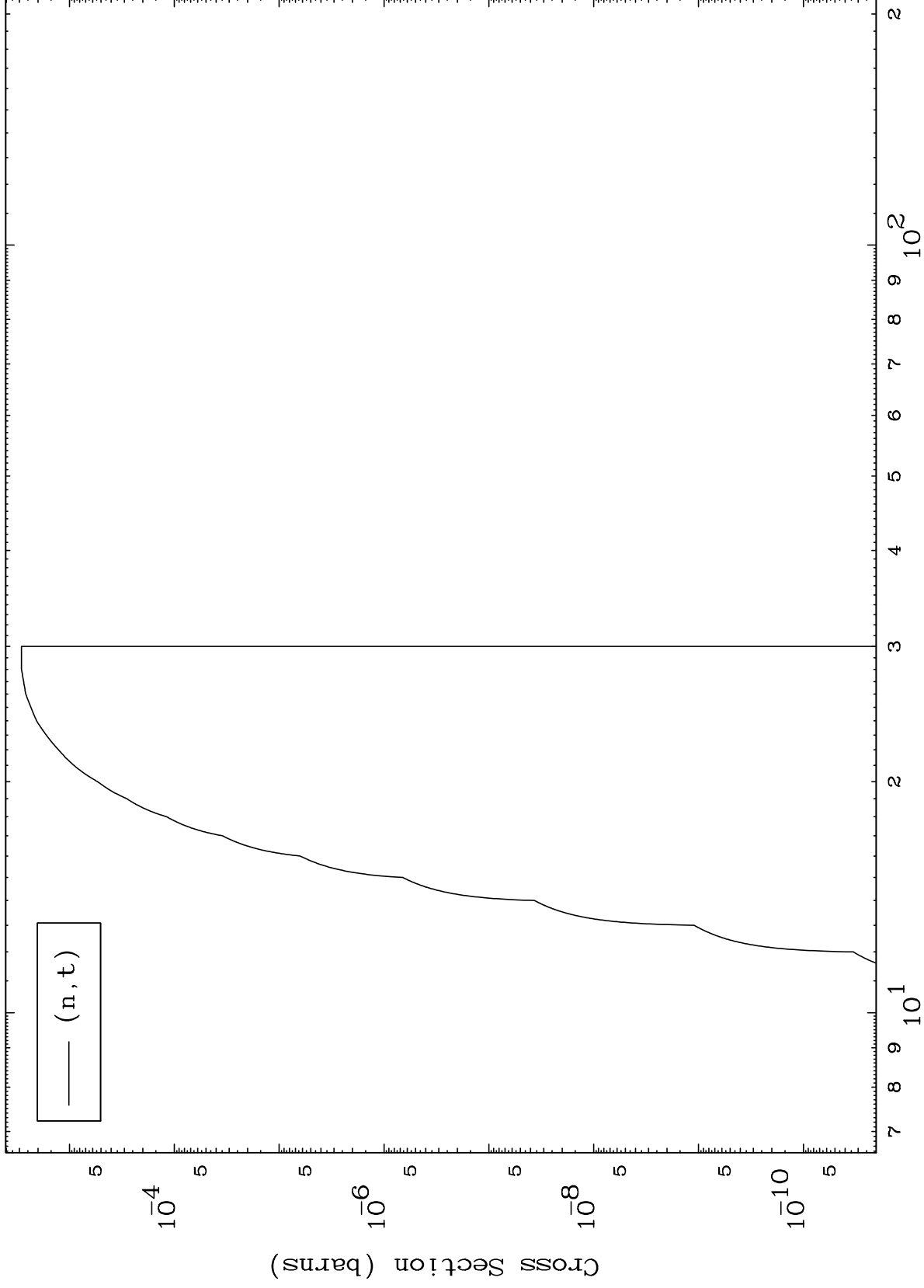
64-Gd-155



MAT 6434

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-155



9

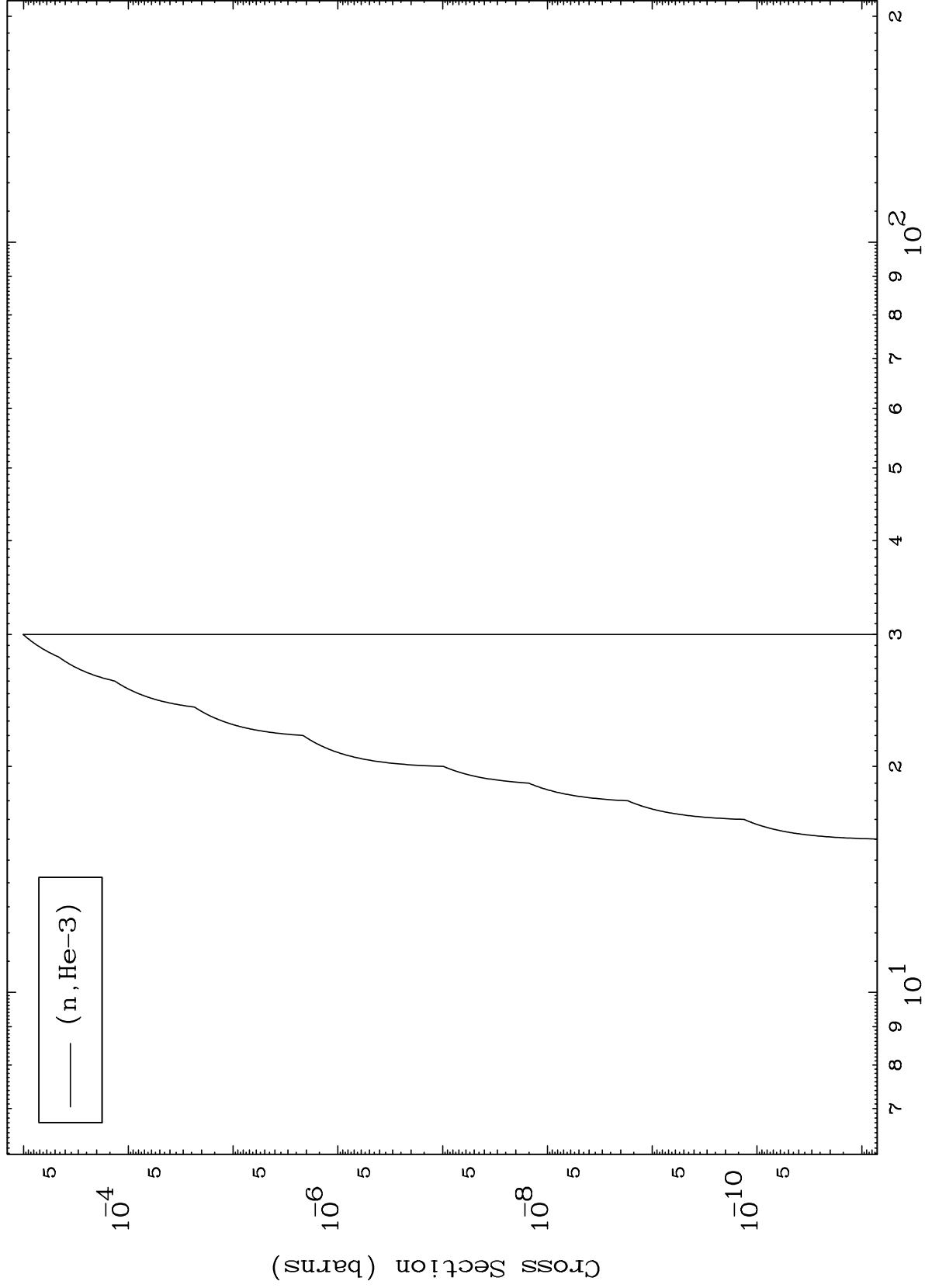
Incident Energy (MeV)

64-Gd-155

MAT 6434

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-155



10

Incident Energy (MeV)

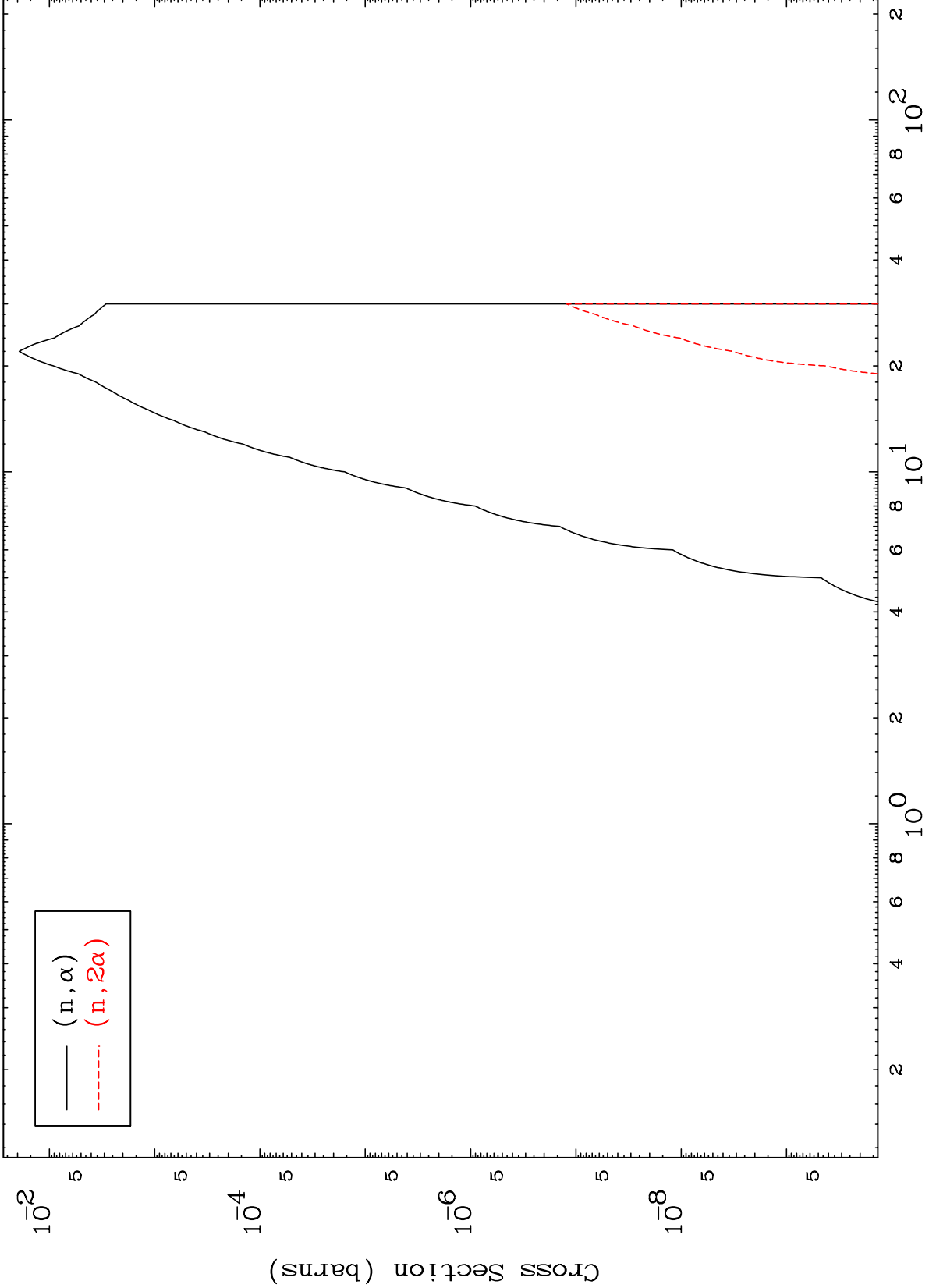
64-Gd-155

MAT 6434

(p, α) Levels

64-Gd-155

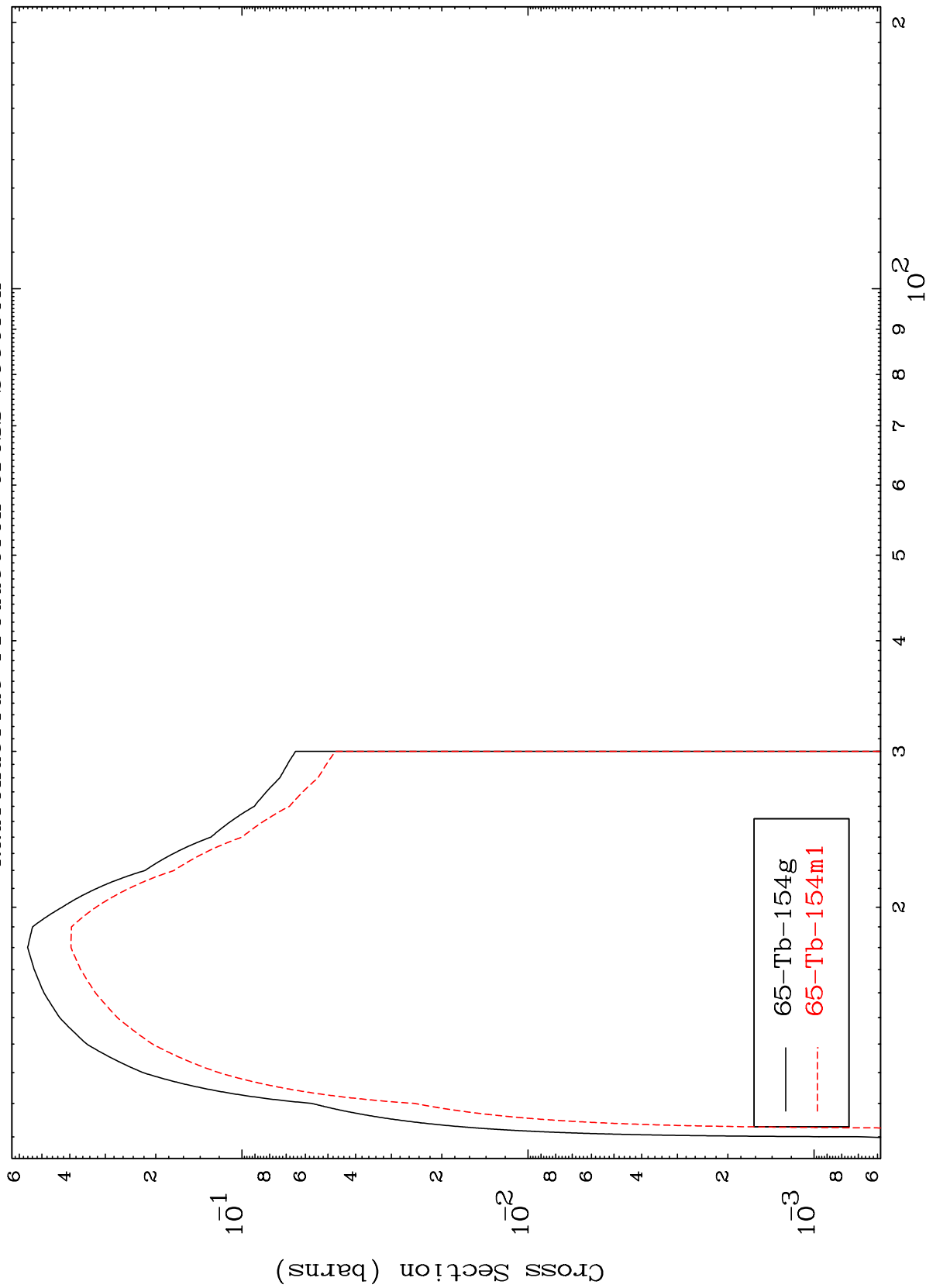
0 Kelvin Cross Sections



MAT 6434

64-Gd-155

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

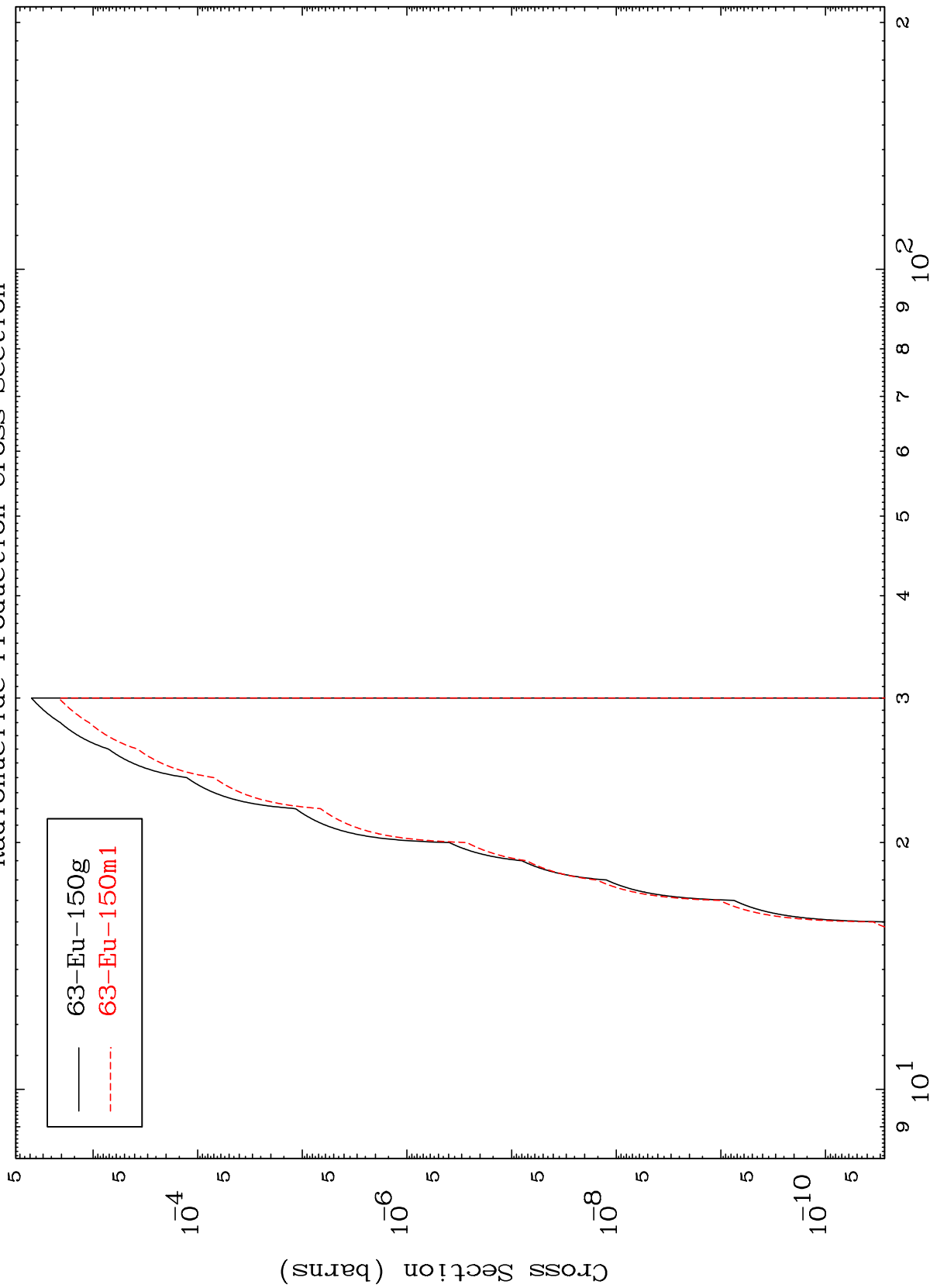
64-Gd-155

MAT 6434

(n,2n) α

64-Gd-155

Radionuclide Production Cross Section



13

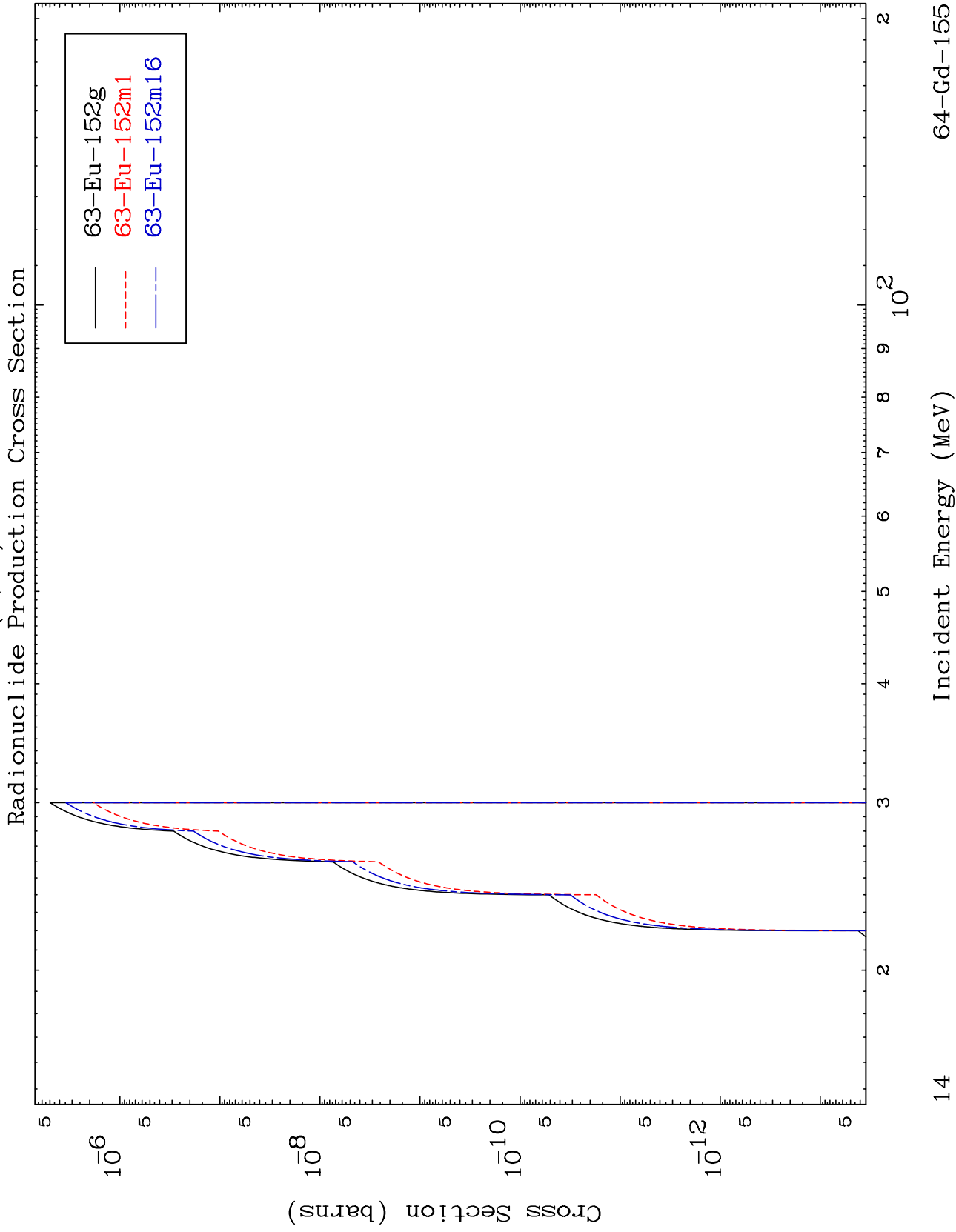
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,n') He-3

64-Gd-155



14

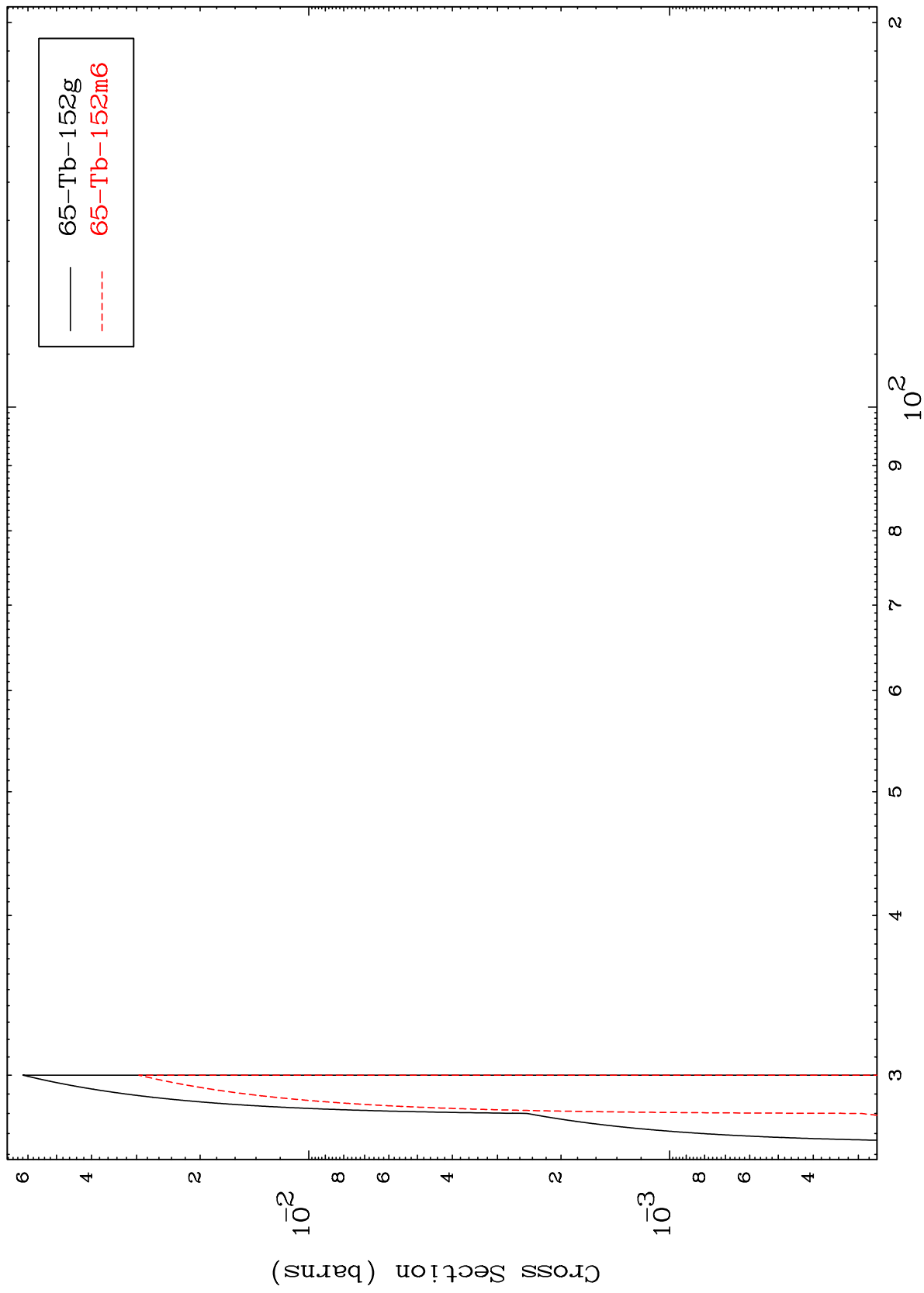
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

(n,4n)
Radionuclide Production Cross Section



15

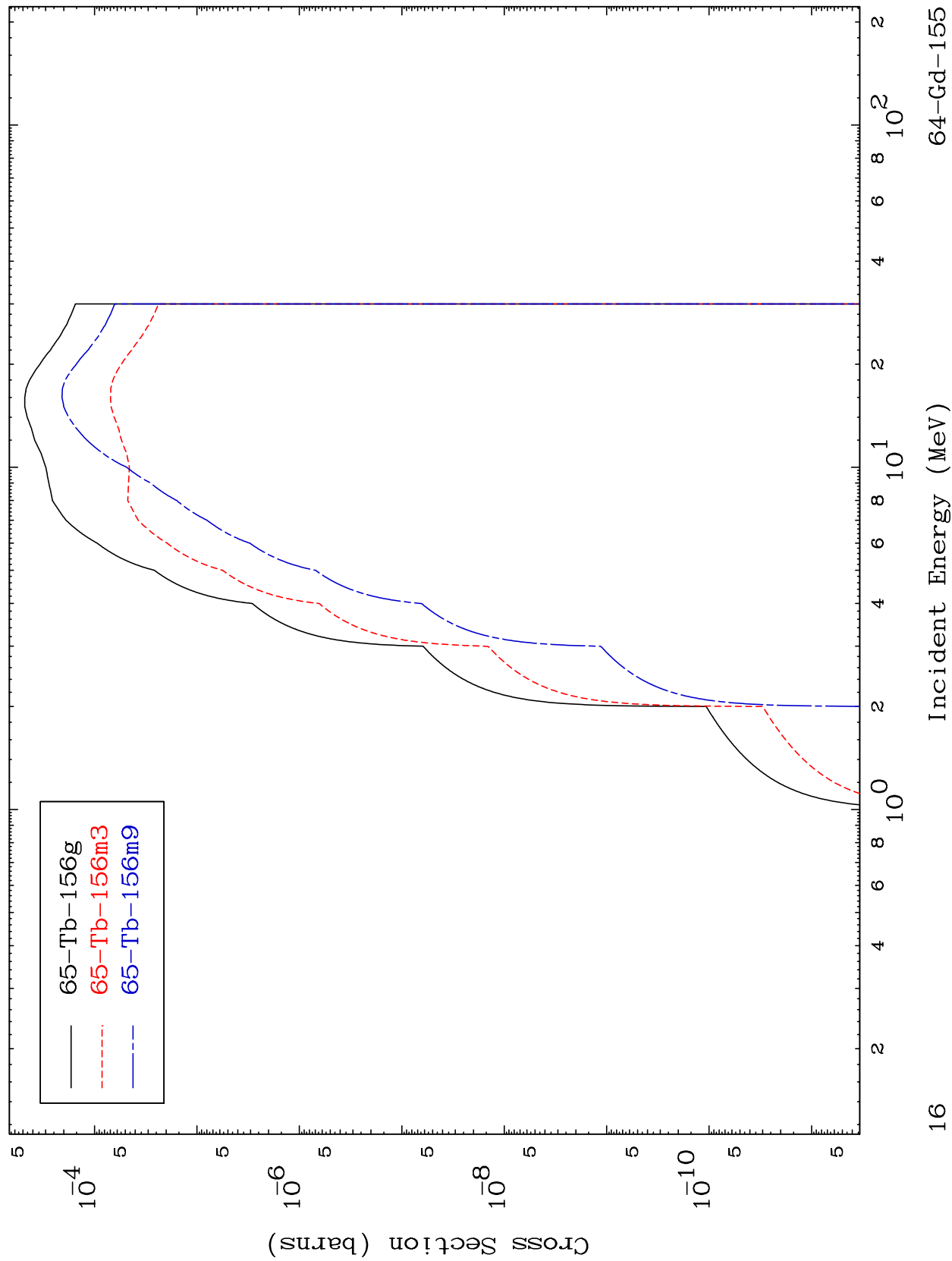
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

(n, γ)
Radionuclide Production Cross Section



64-Gd-155

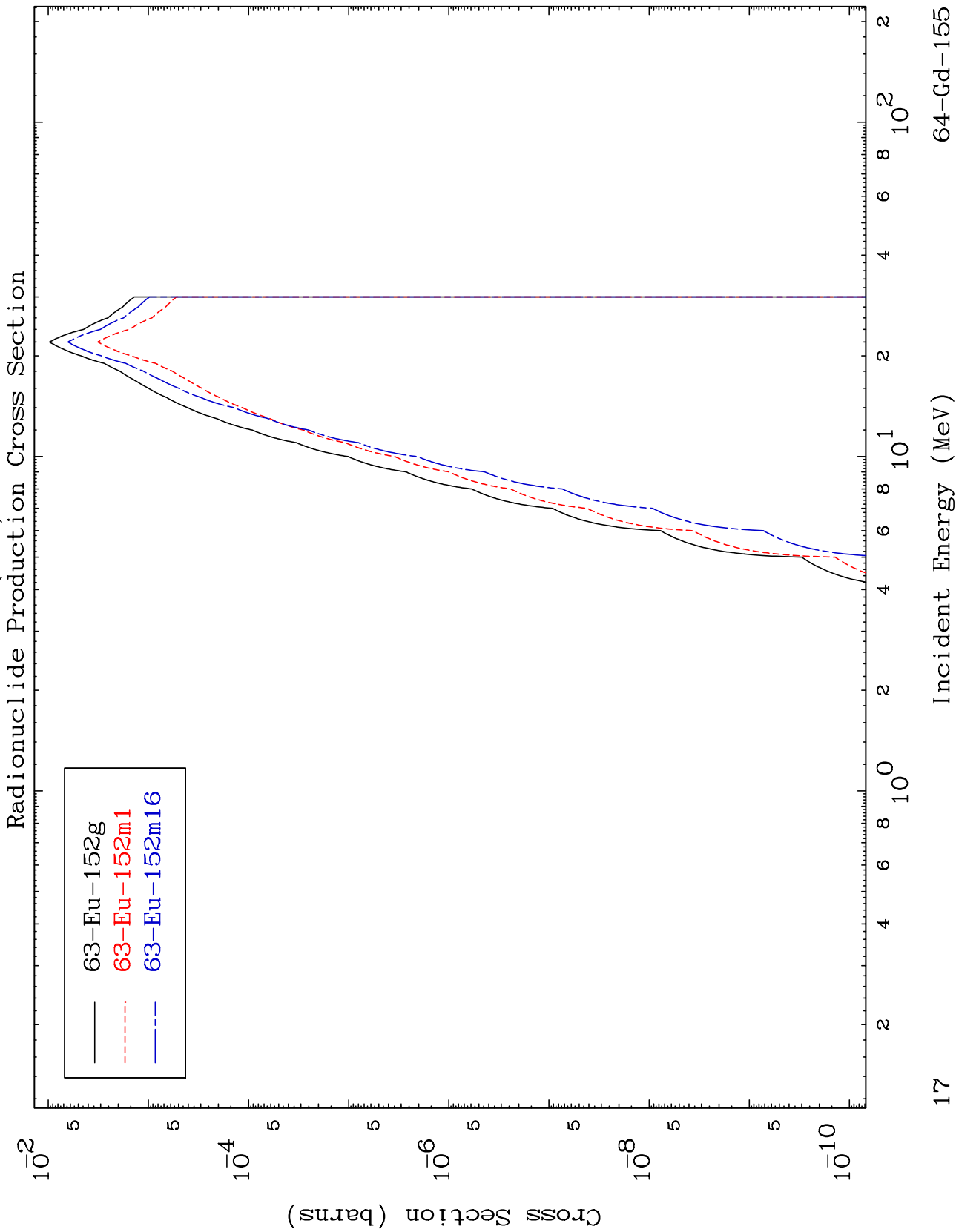
Incident Energy (MeV)

16

MAT 6434

(n, α)

64-Gd-155



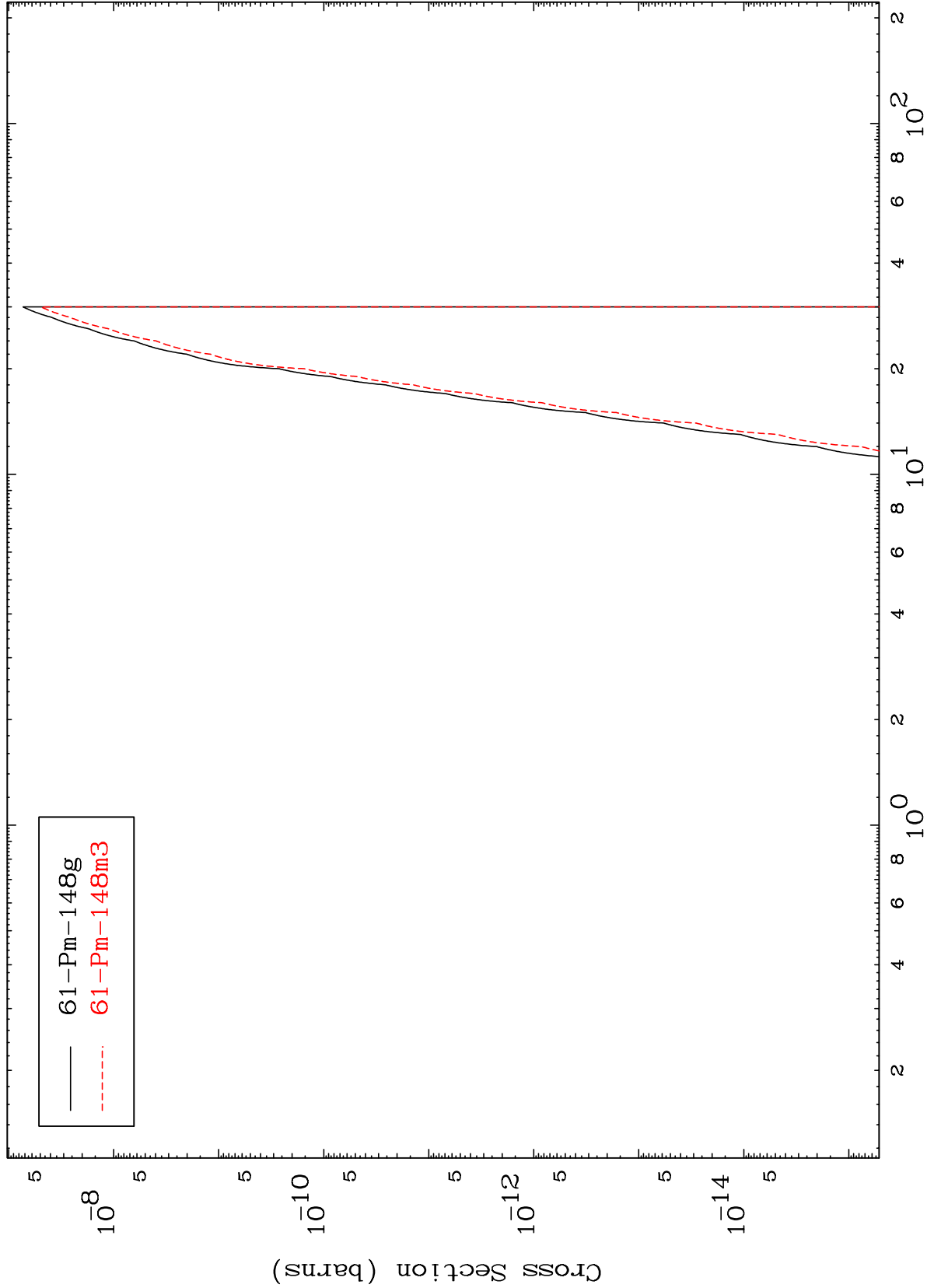
63-Eu-152g
63-Eu-152m1
63-Eu-152m16

MAT 6434

(n,2α)

64-Gd-155

Radionuclide Production Cross Section



— 61-Pm-148g
- - - 61-Pm-148m3

18

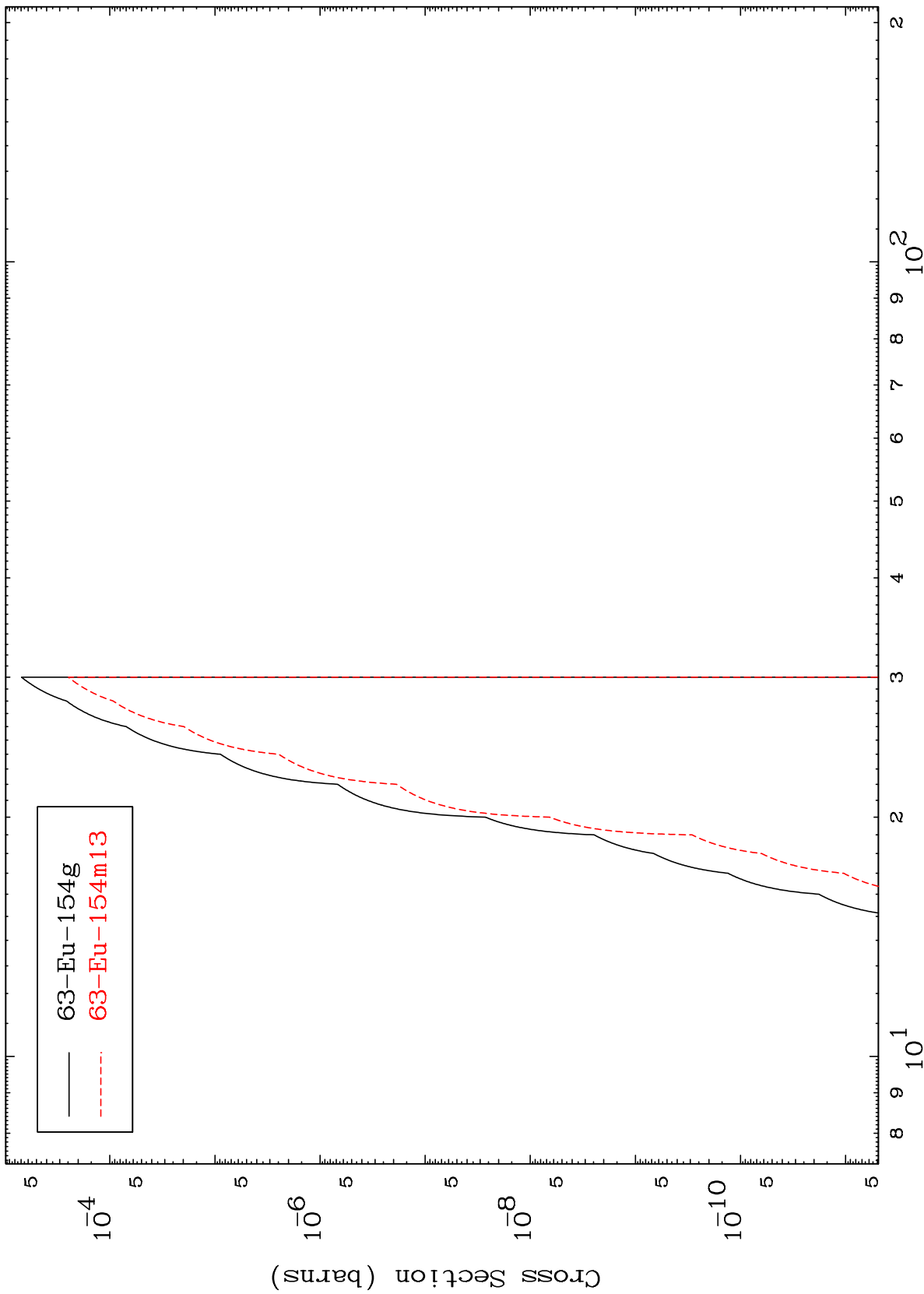
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

Radionuclide Production Cross Section
(n,2p)



63-Eu-154g
63-Eu-154m13

64-Gd-155

Incident Energy (MeV)

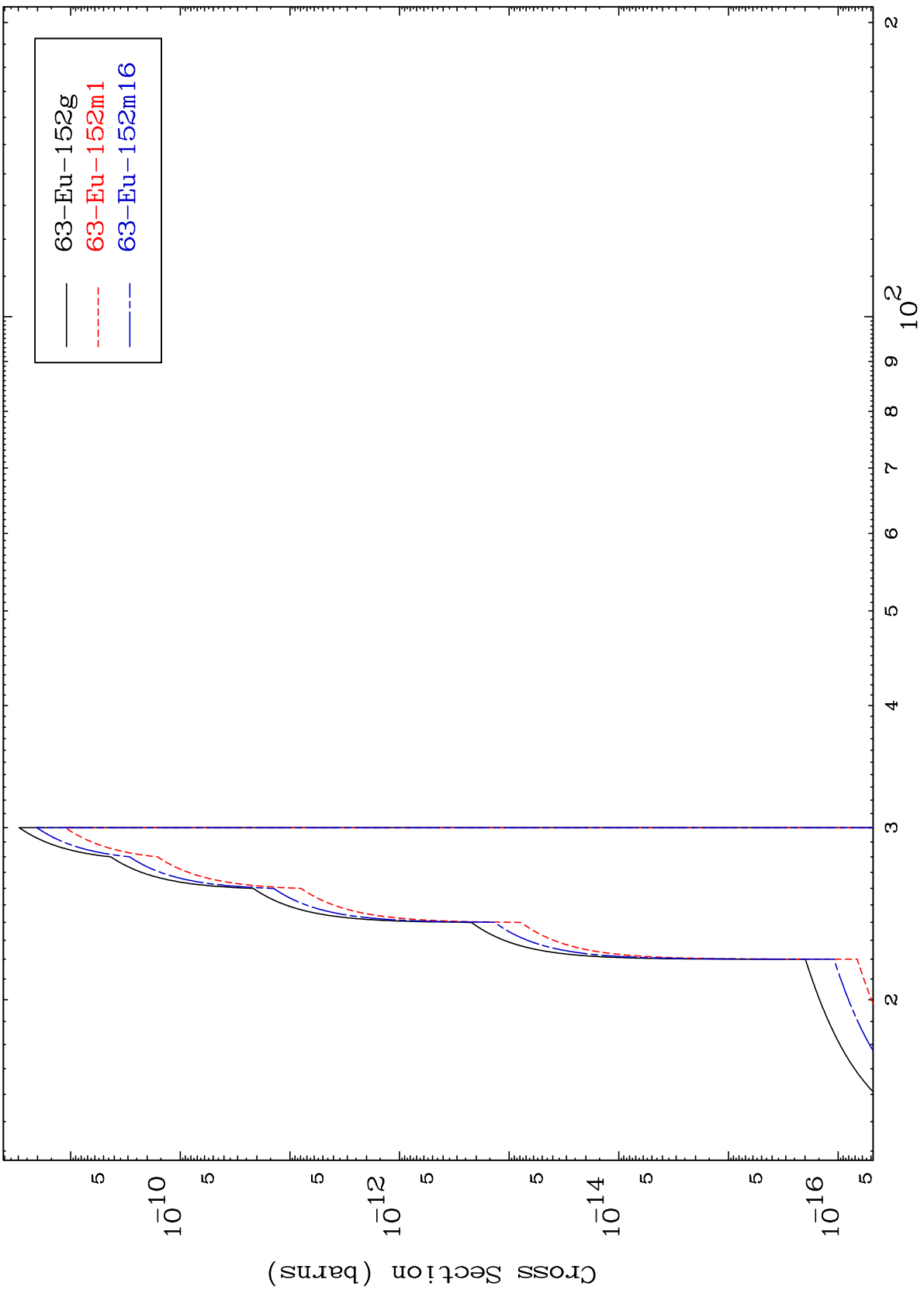
19

MAT 6434

(n,p) t

64-Gd-155

Radionuclide Production Cross Section



20

Incident Energy (MeV)

64-Gd-155