

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

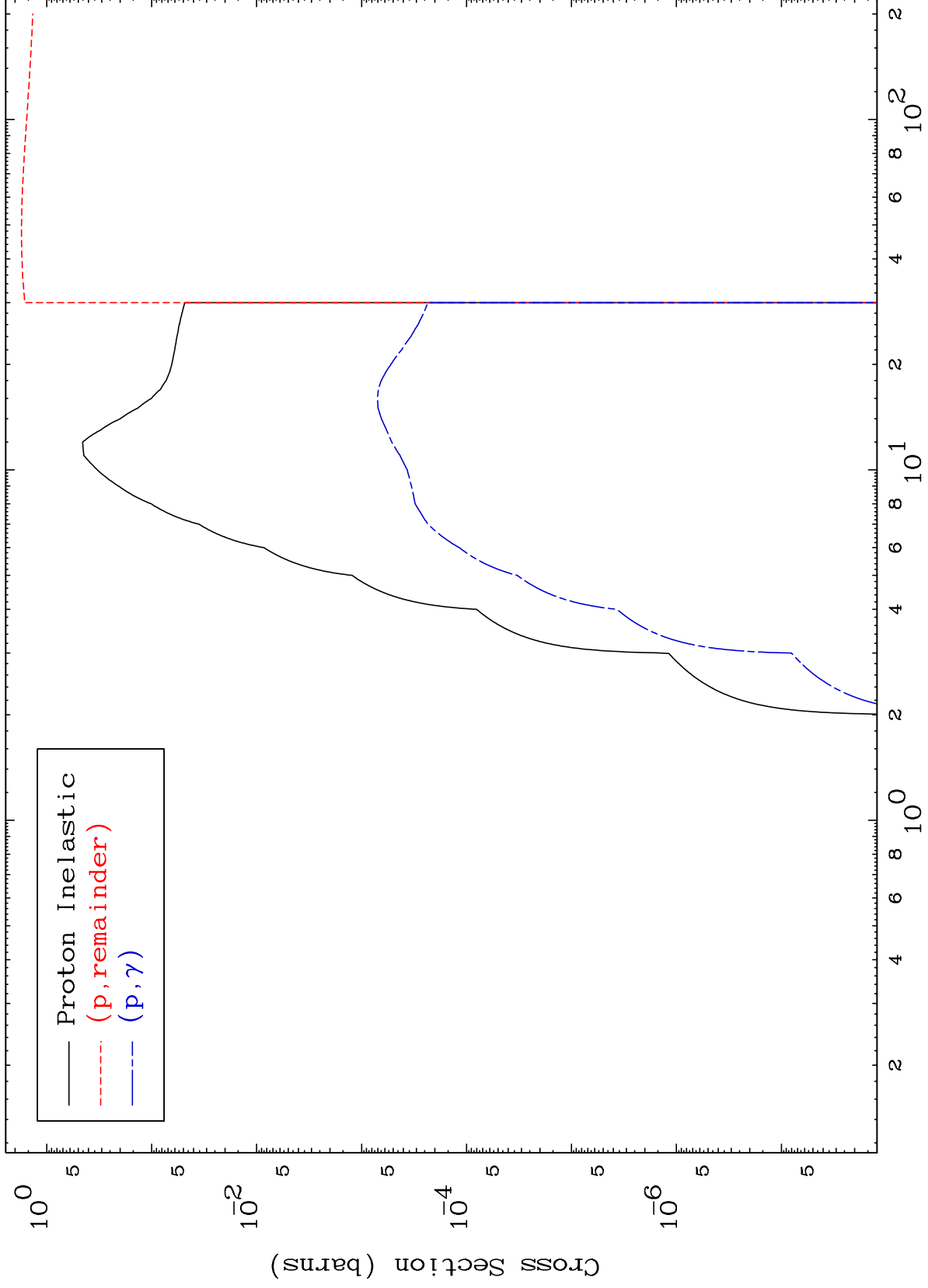
Press Mouse Button to Start

MAT 6434

Proton Major

64-Gd-155

0 Kelvin Cross Sections

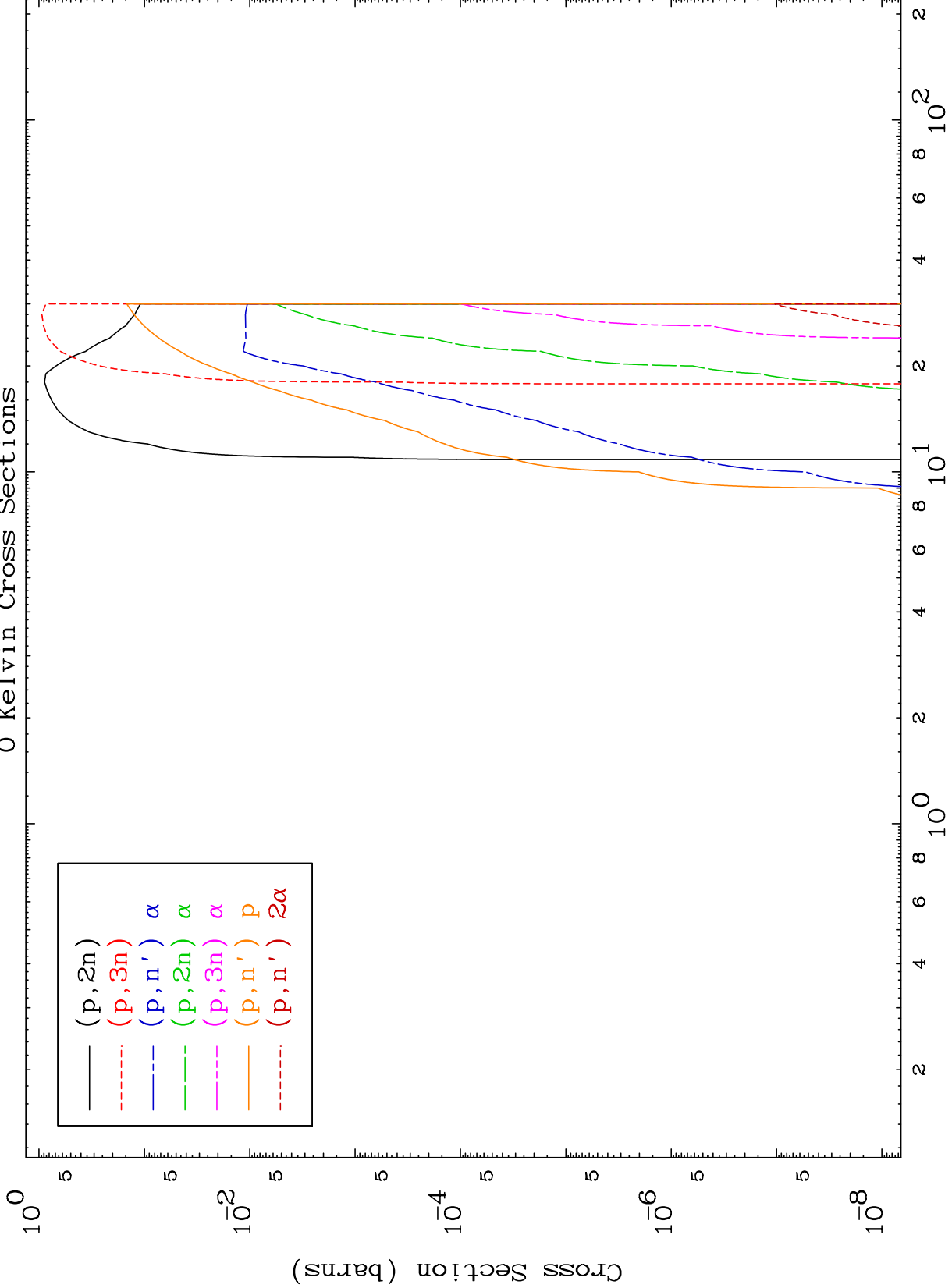


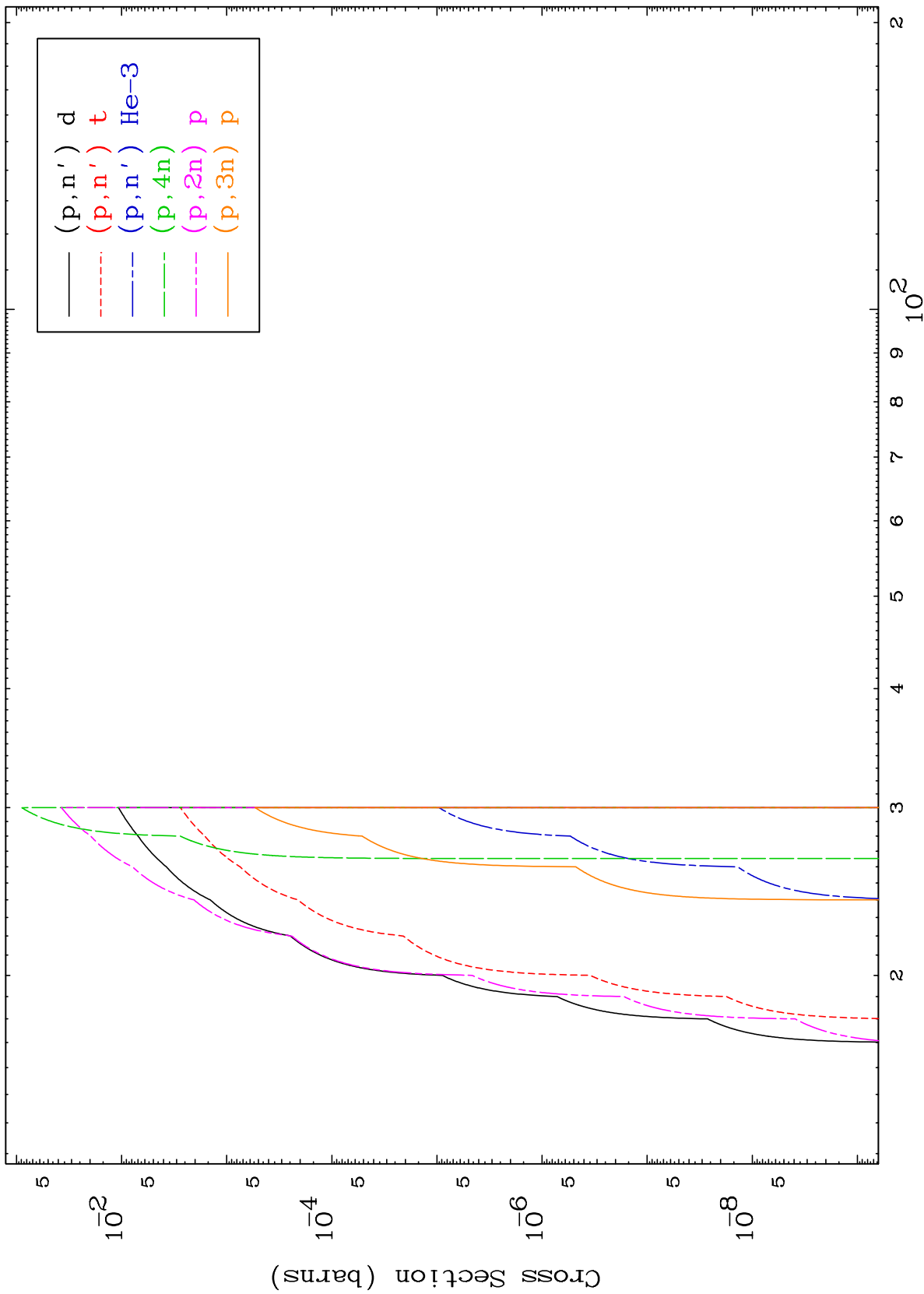
— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

MAT 6434

Proton Neutron Production
0 Kelvin Cross Sections

64-Gd-155

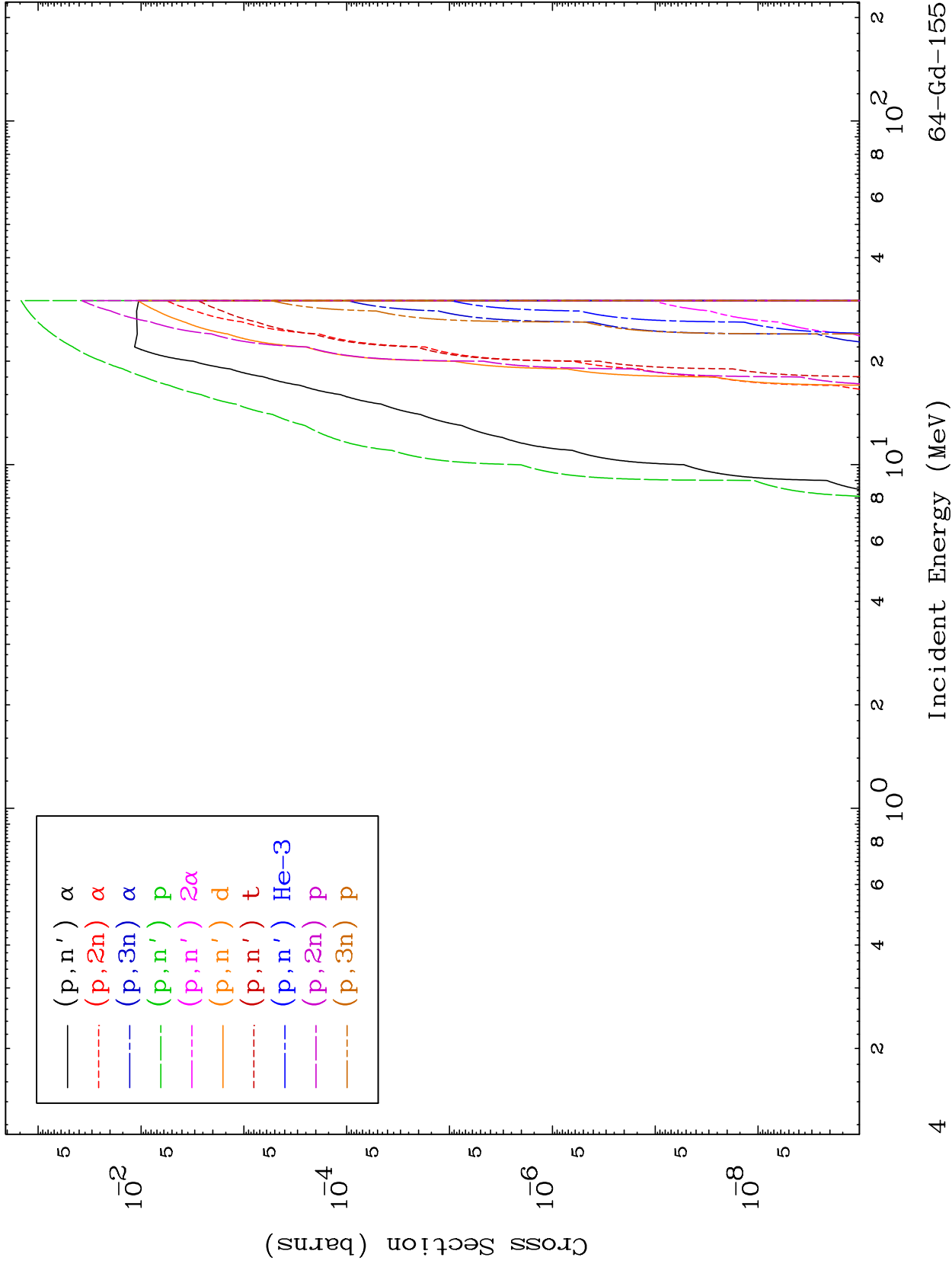


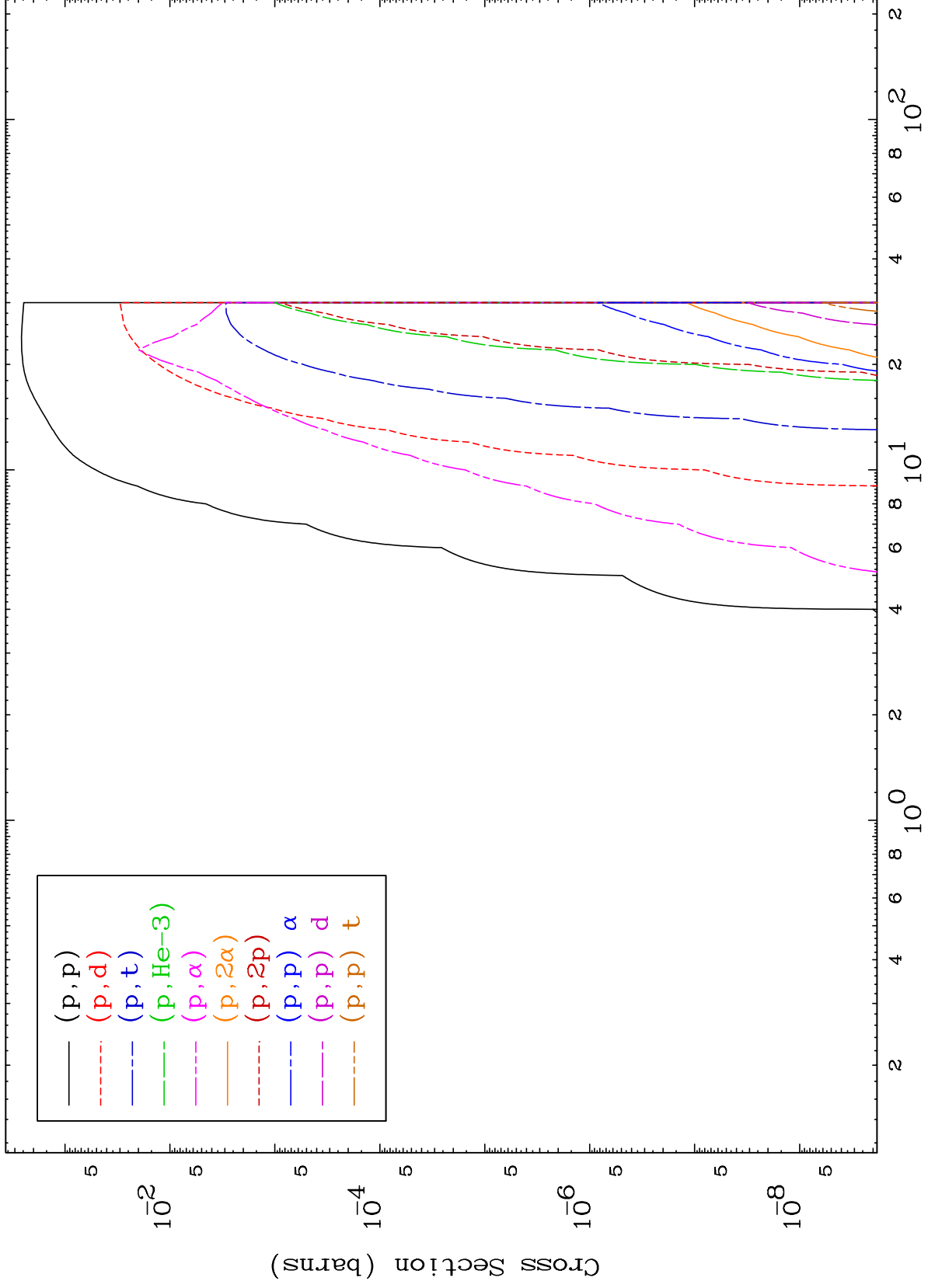


MAT 6434

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-155



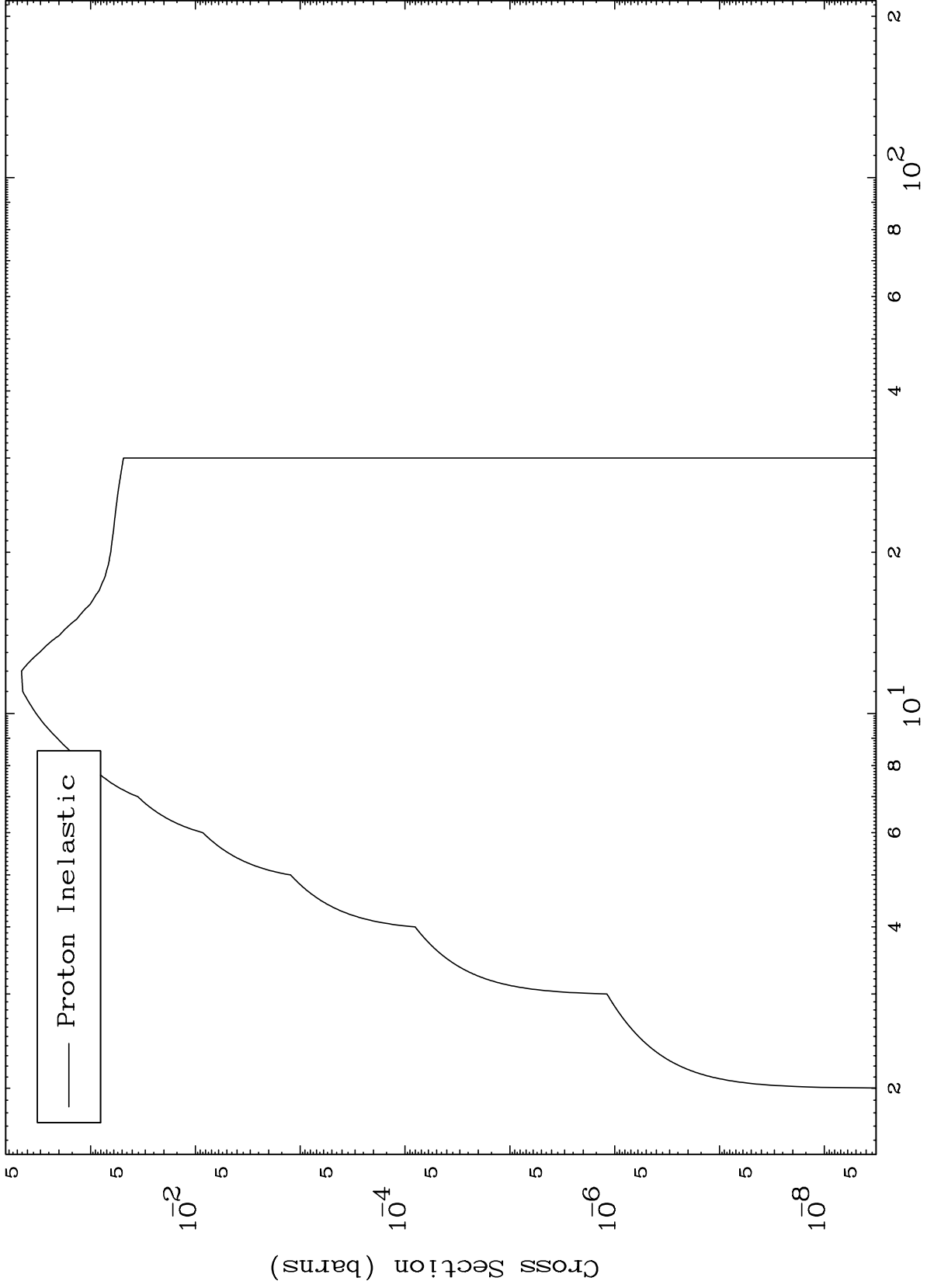


MAT 6434

(p,n') Level

64-Gd-155

0 Kelvin Cross Sections



Proton Inelastic

6

Incident Energy (MeV)

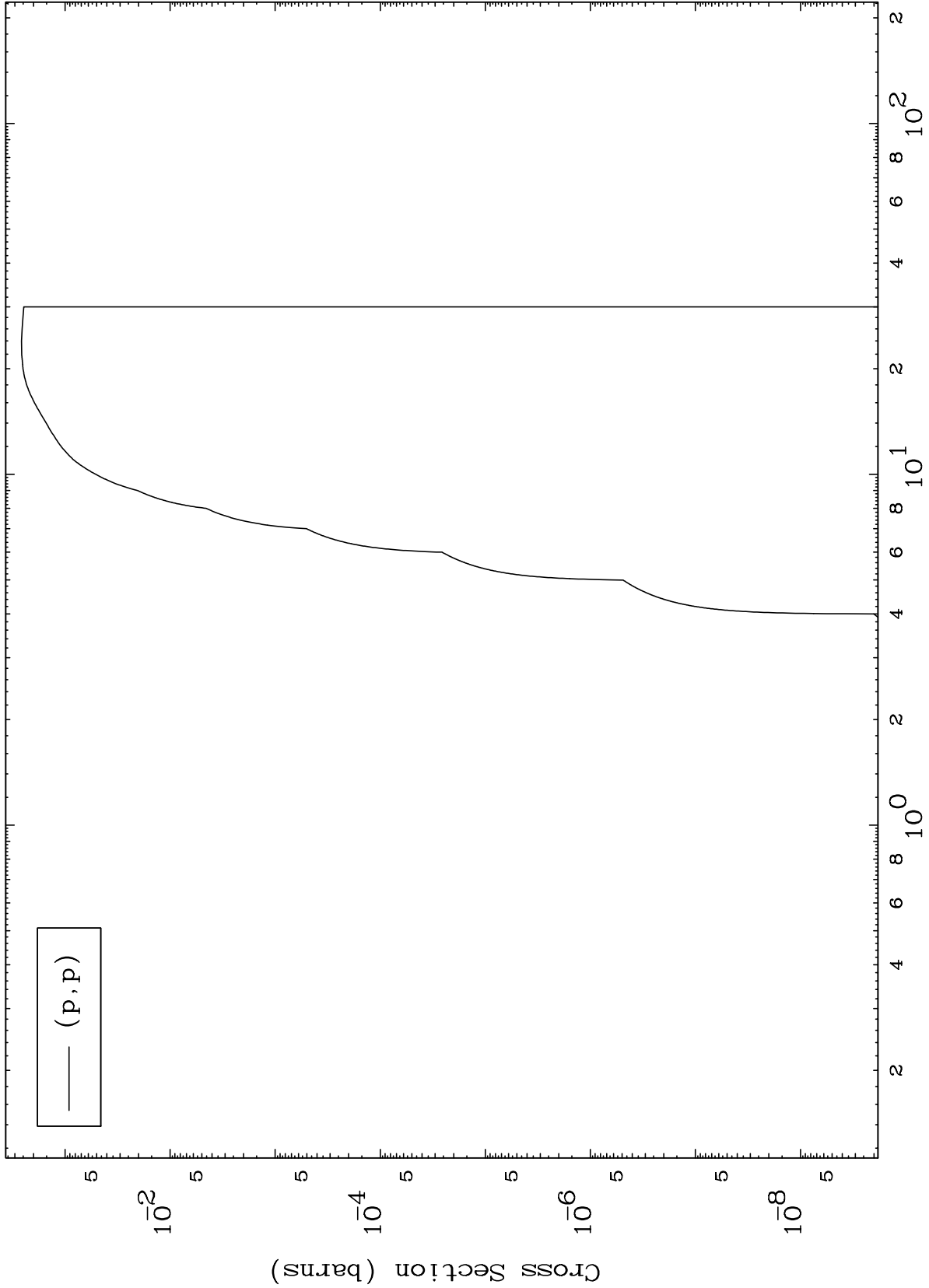
64-Gd-155

MAT 6434

(p,p) Levels

64-Gd-155

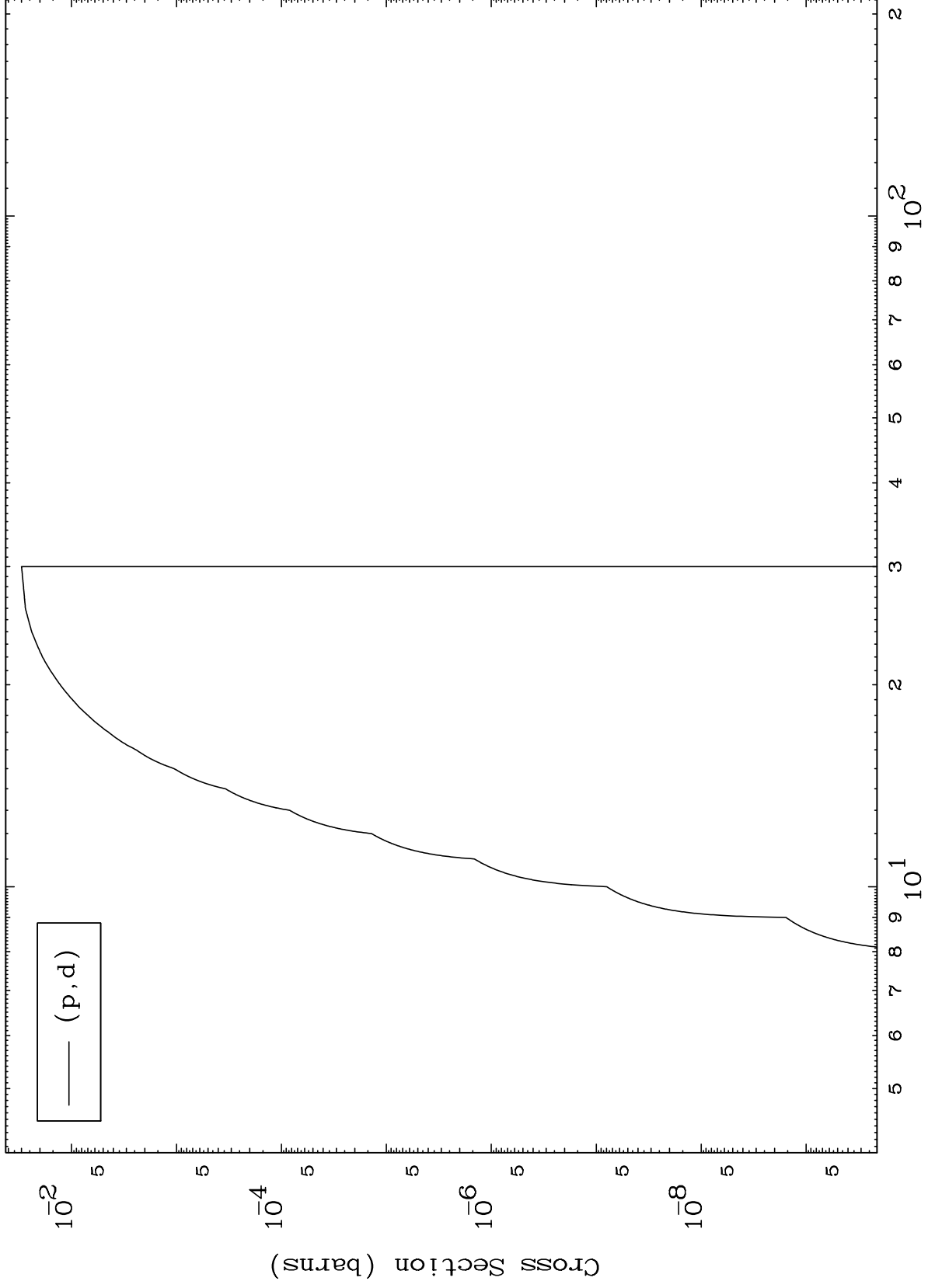
0 Kelvin Cross Sections



MAT 6434

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-155

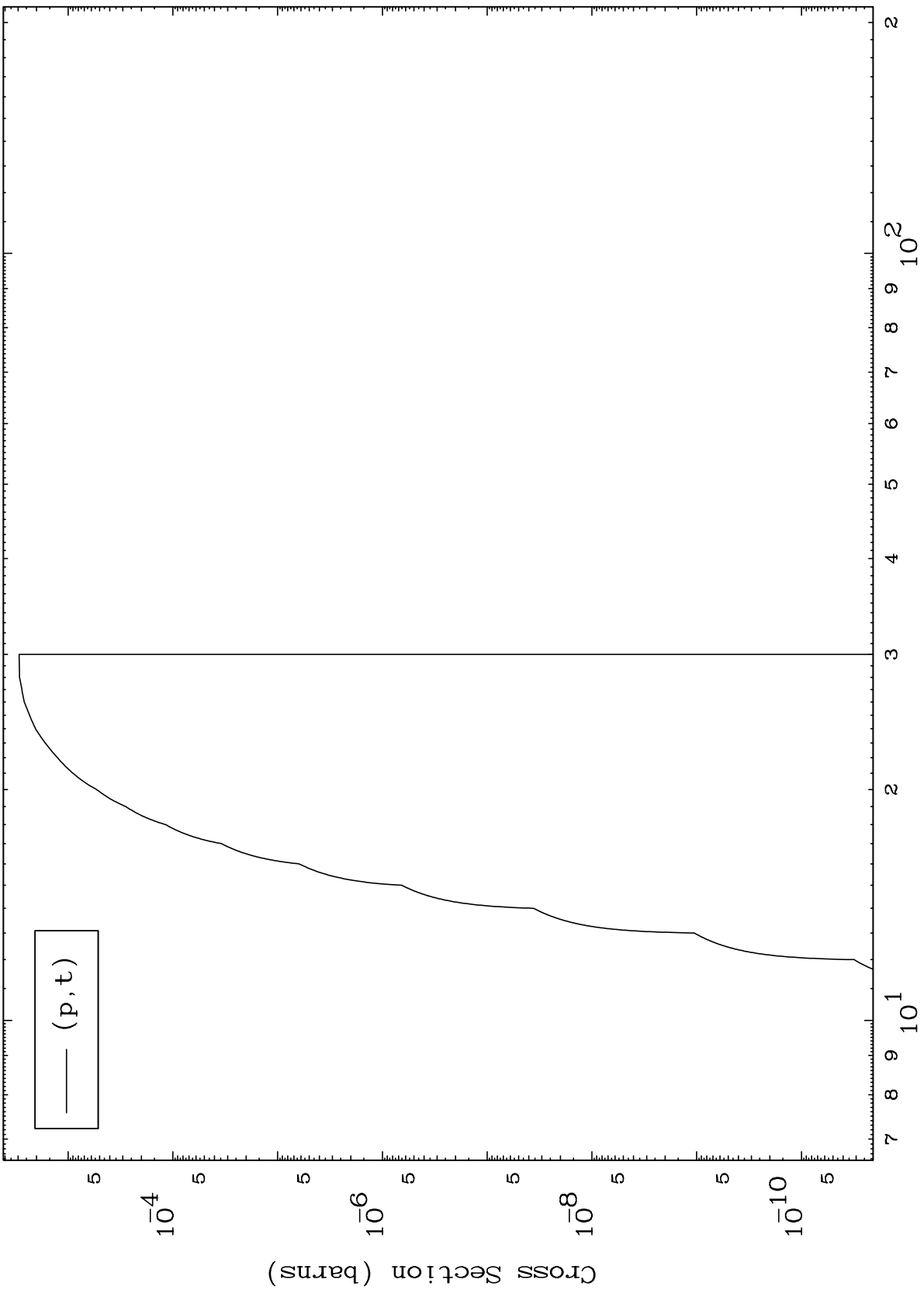


MAT 6434

(p, t) Levels

64-Gd-155

0 Kelvin Cross Sections



9

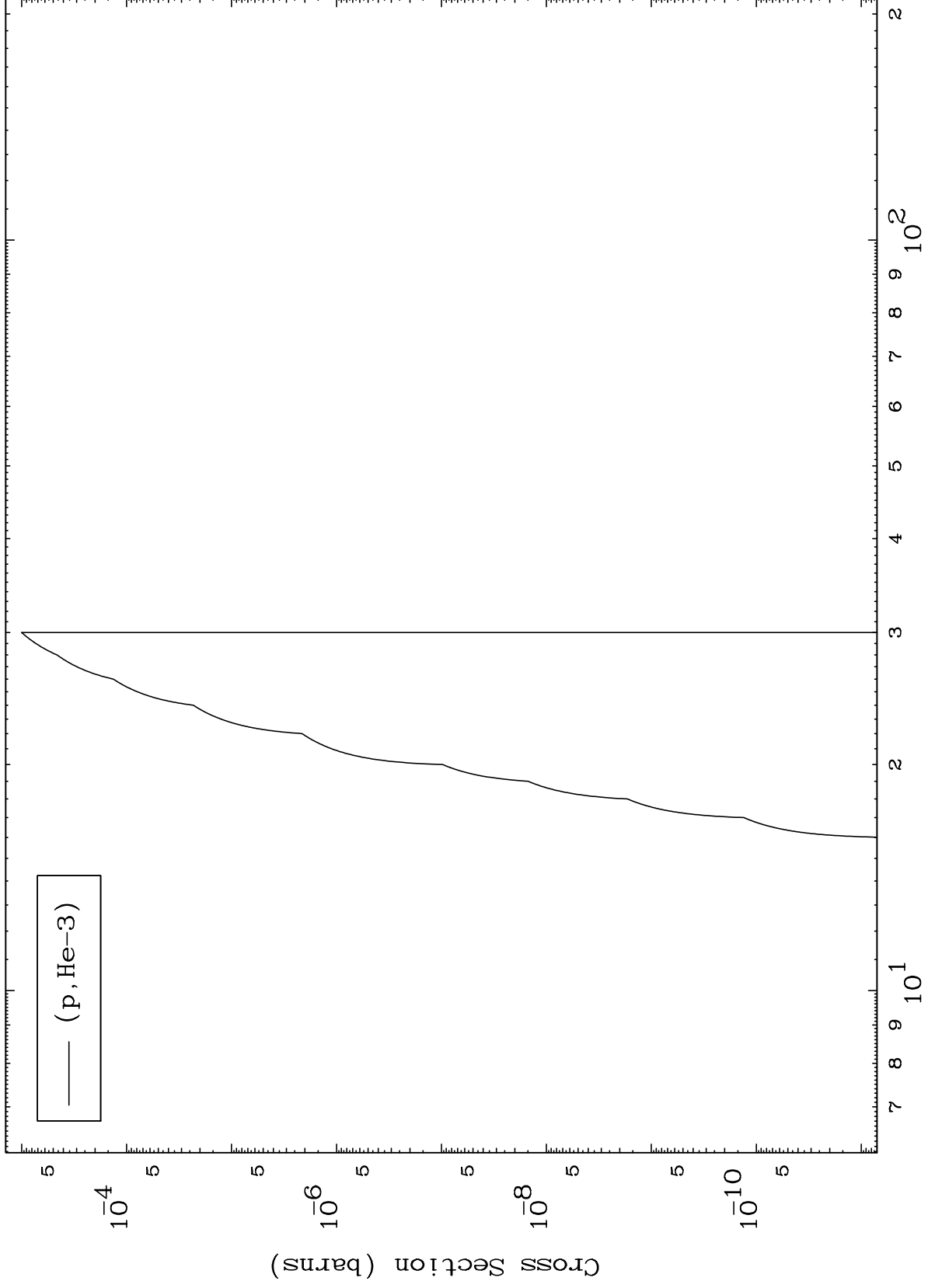
Incident Energy (MeV)

64-Gd-155

MAT 6434

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-155



10

Incident Energy (MeV)

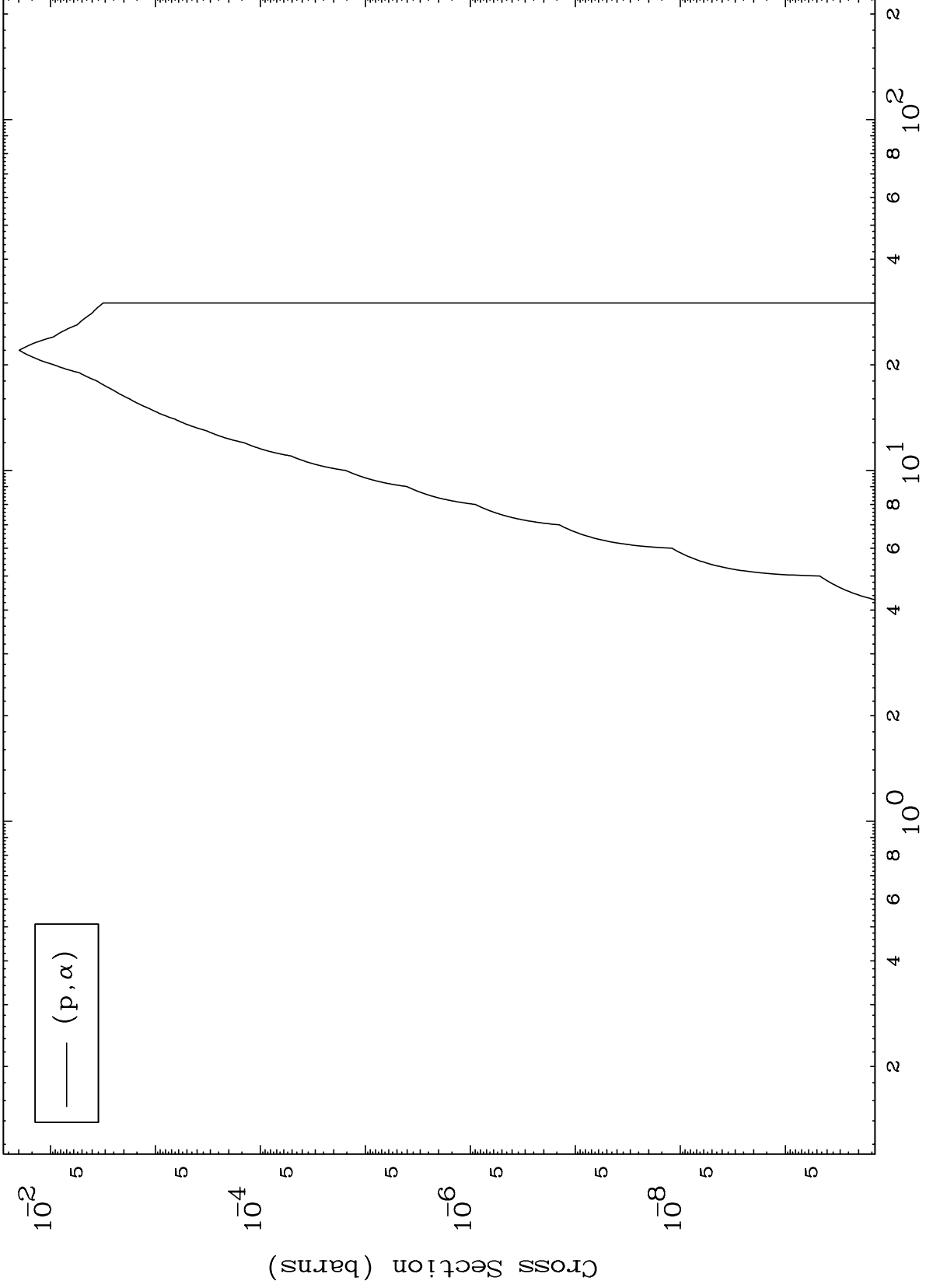
64-Gd-155

MAT 6434

(p, α) Levels

64-Gd-155

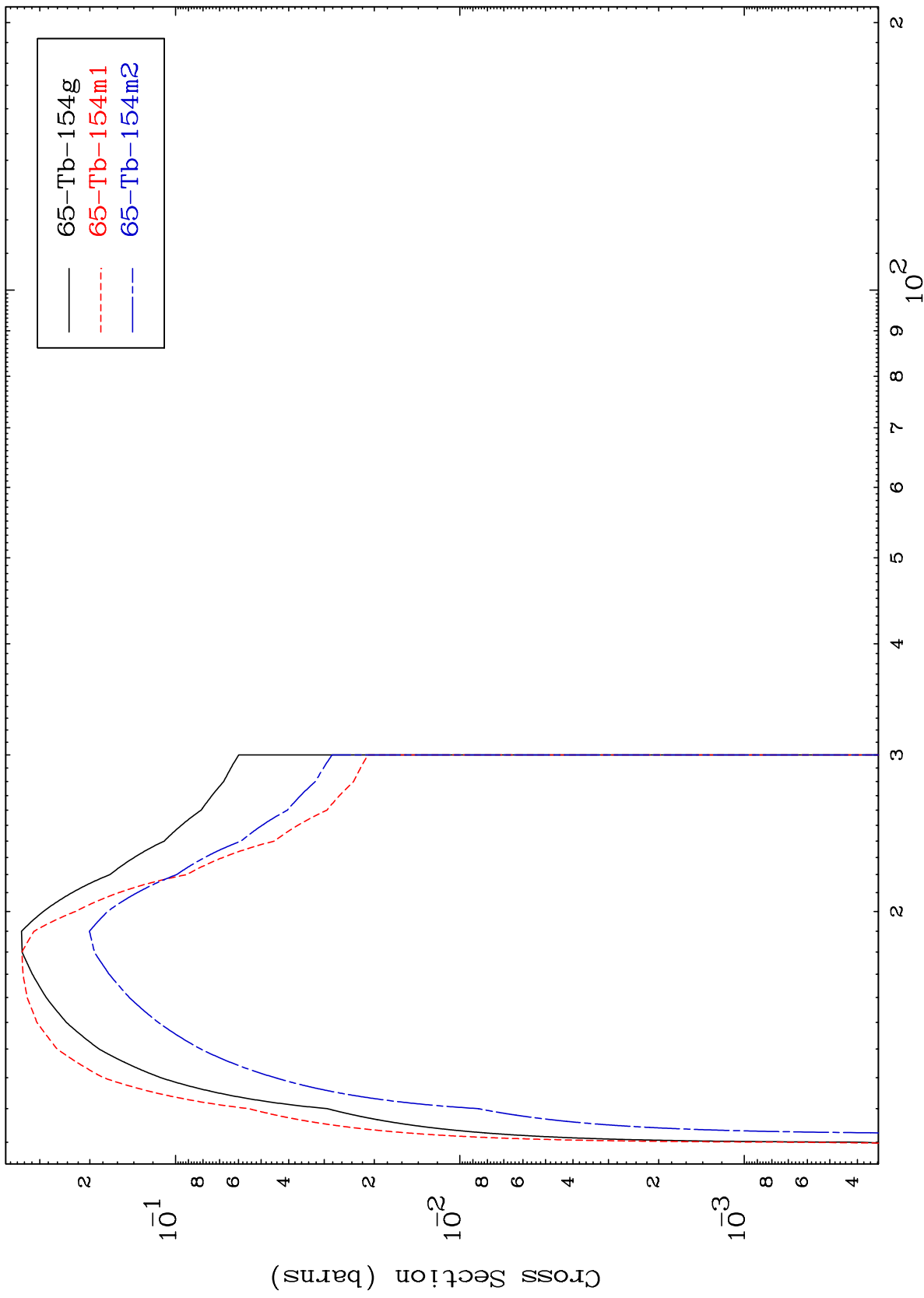
0 Kelvin Cross Sections



MAT 6434

64-Gd-155

(p,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

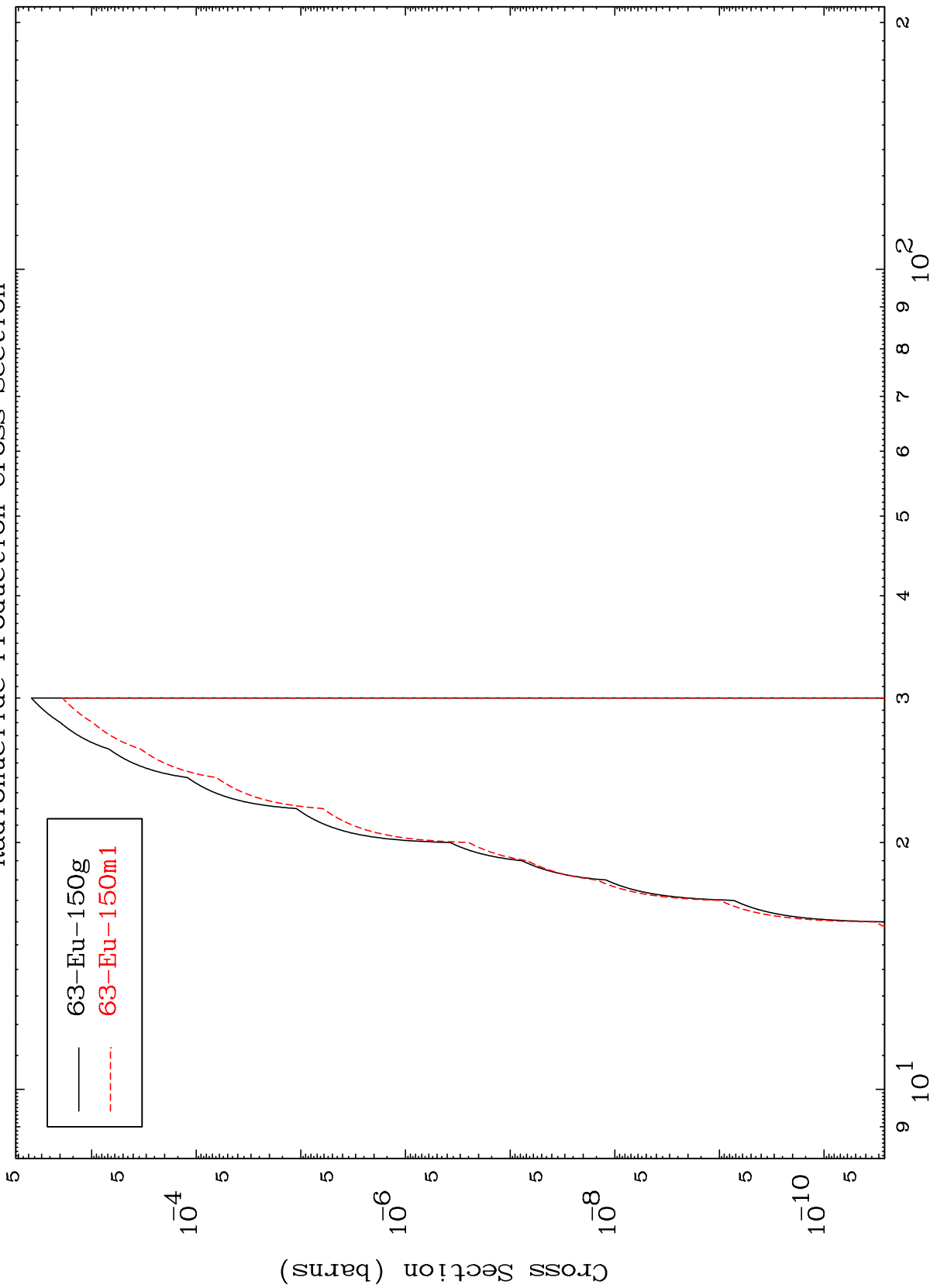
64-Gd-155

MAT 6434

(p,2n) α

64-Gd-155

Radionuclide Production Cross Section



13

Incident Energy (MeV)

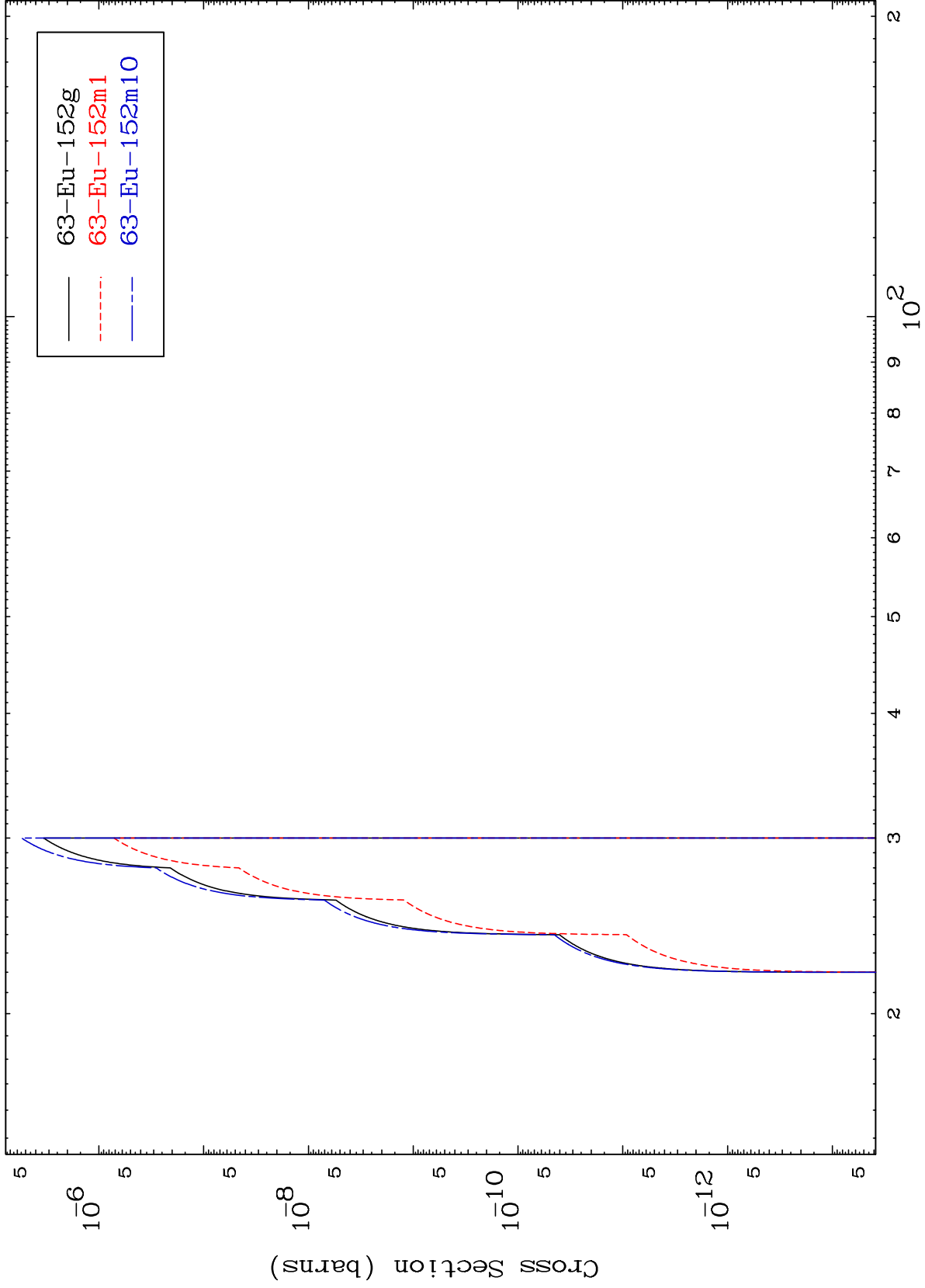
64-Gd-155

MAT 6434

(p,n') He-3

64-Gd-155

Radionuclide Production Cross Section



14

Incident Energy (MeV)

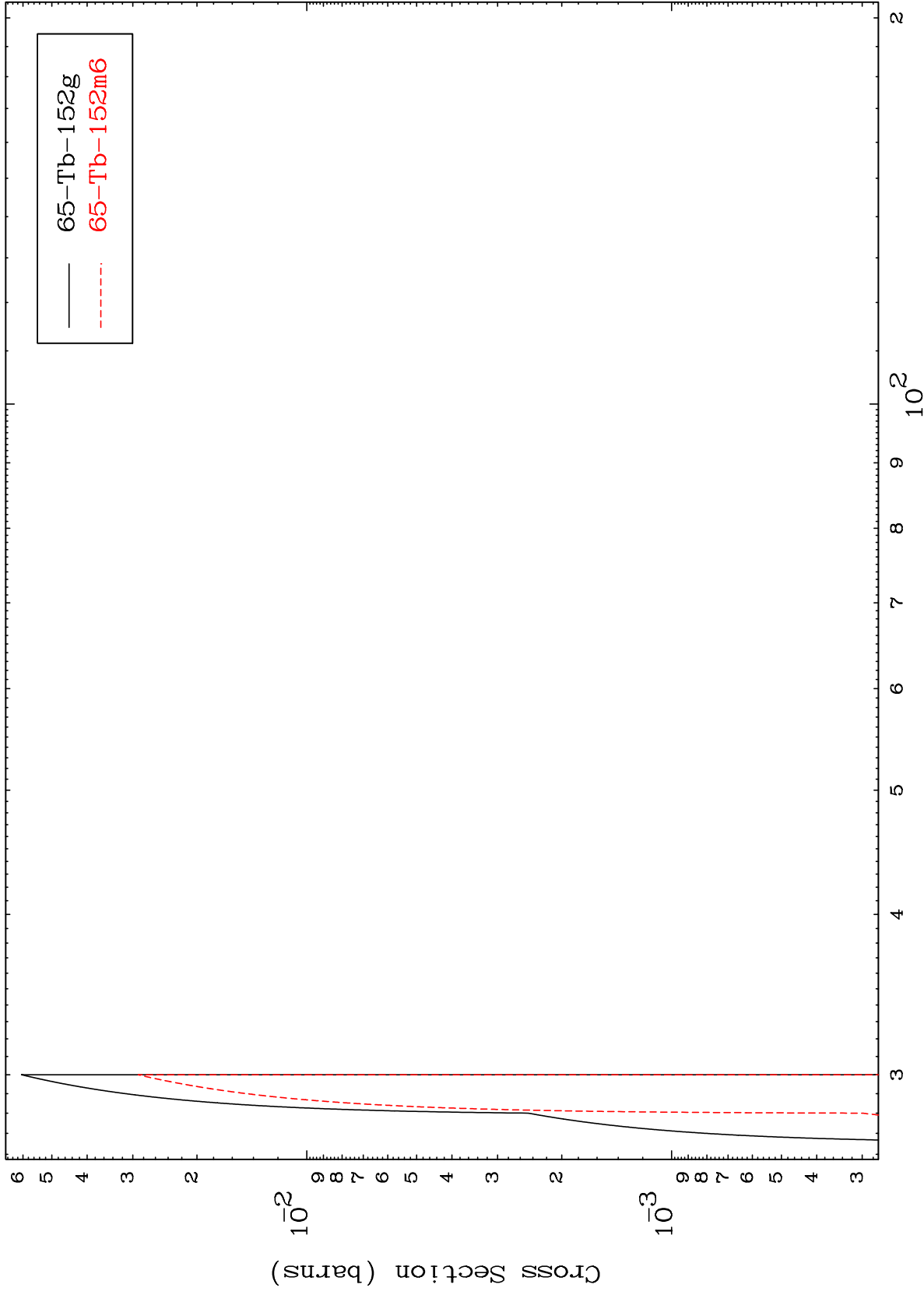
64-Gd-155

MAT 6434

(p,4n)

64-Gd-155

Radionuclide Production Cross Section



15

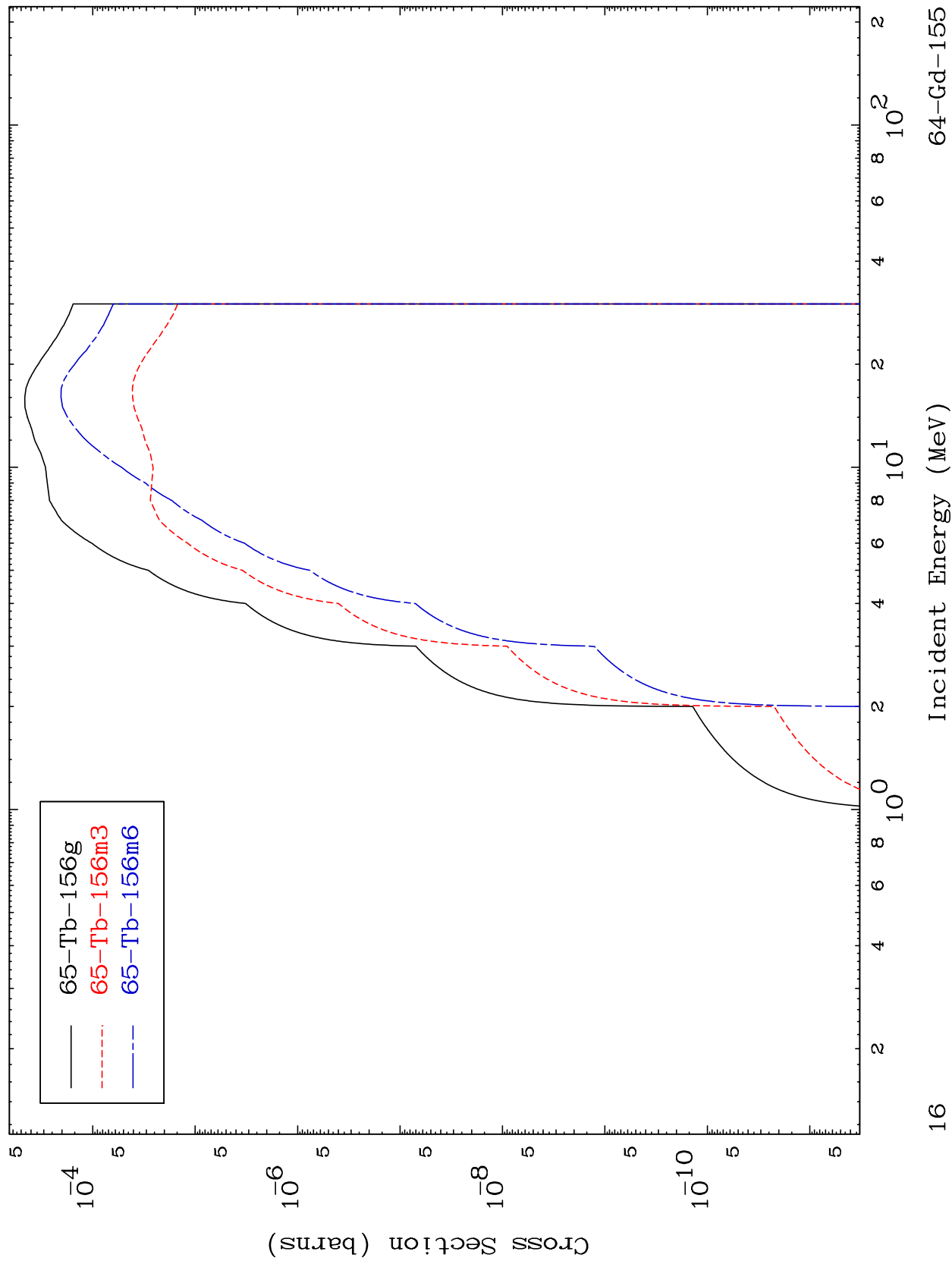
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

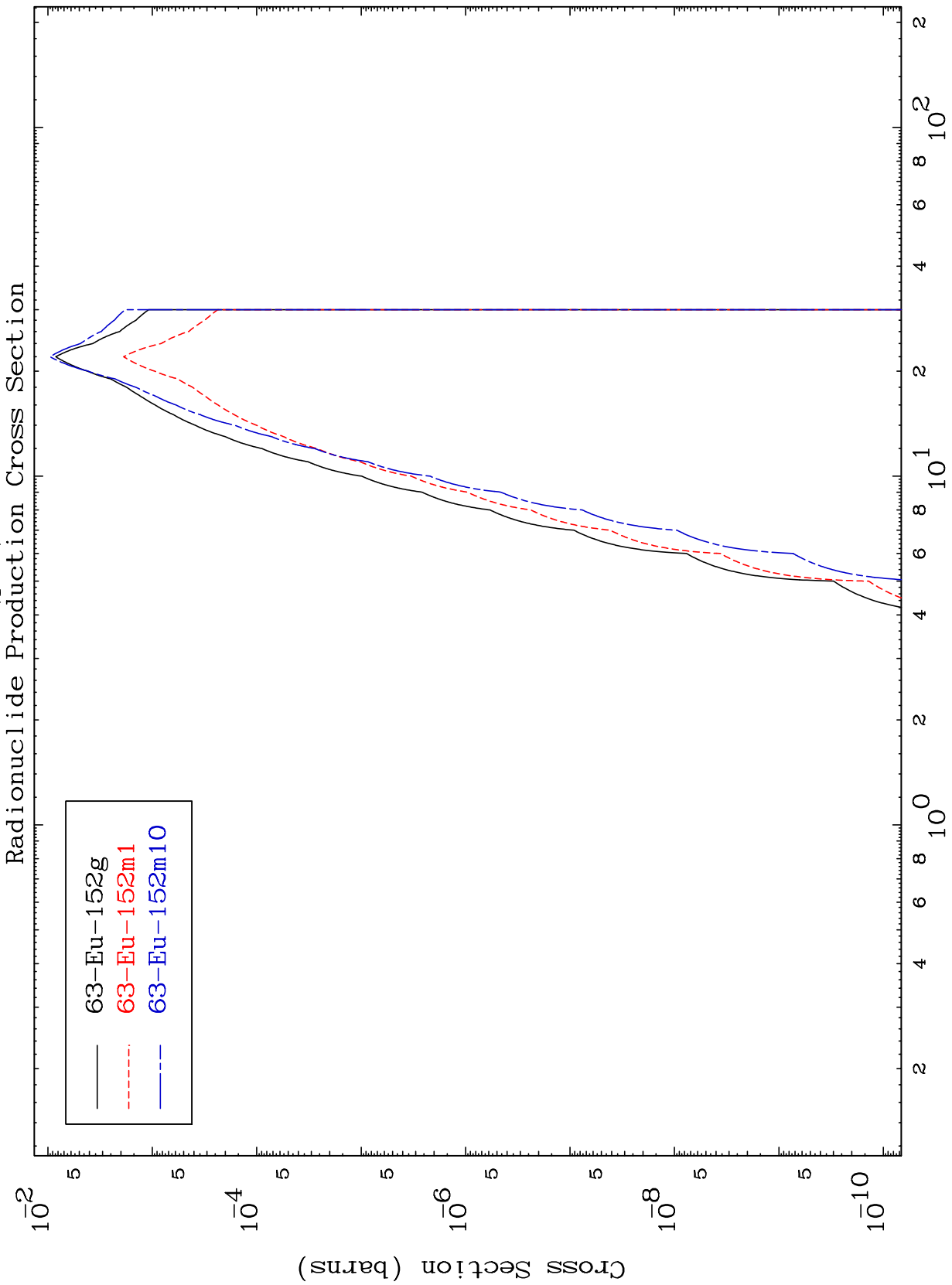
(p, γ)
Radionuclide Production Cross Section



MAT 6434

64-Gd-155

Radionuclide Production Cross Section
(p, α)

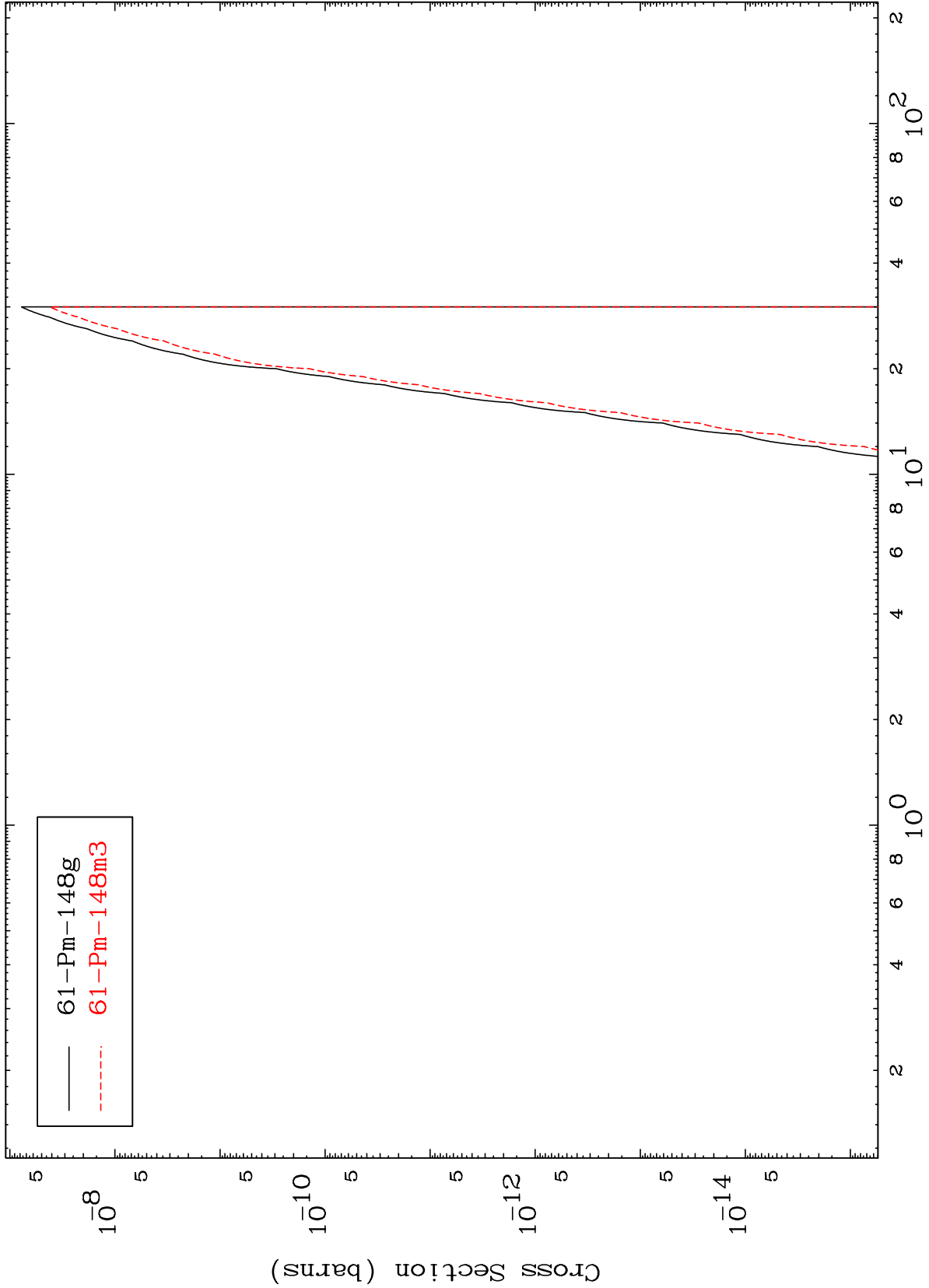


MAT 6434

(p,2α)

64-Gd-155

Radionuclide Production Cross Section

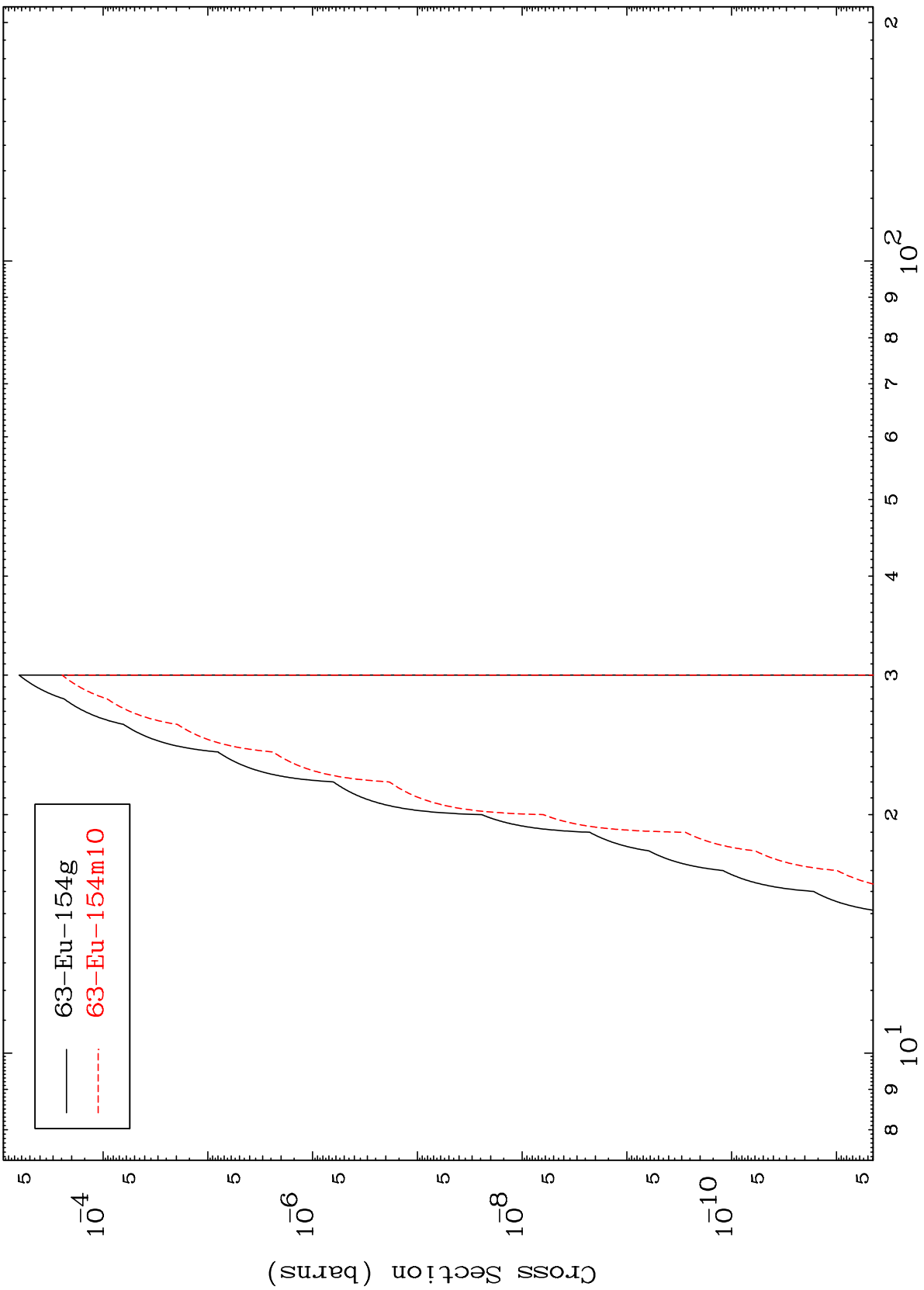


61-Pm-148g
61-Pm-148m3

MAT 6434

64-Gd-155

(p,2p)
Radionuclide Production Cross Section



63-Eu-154g
63-Eu-154m10

19

Incident Energy (MeV)

64-Gd-155

