

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

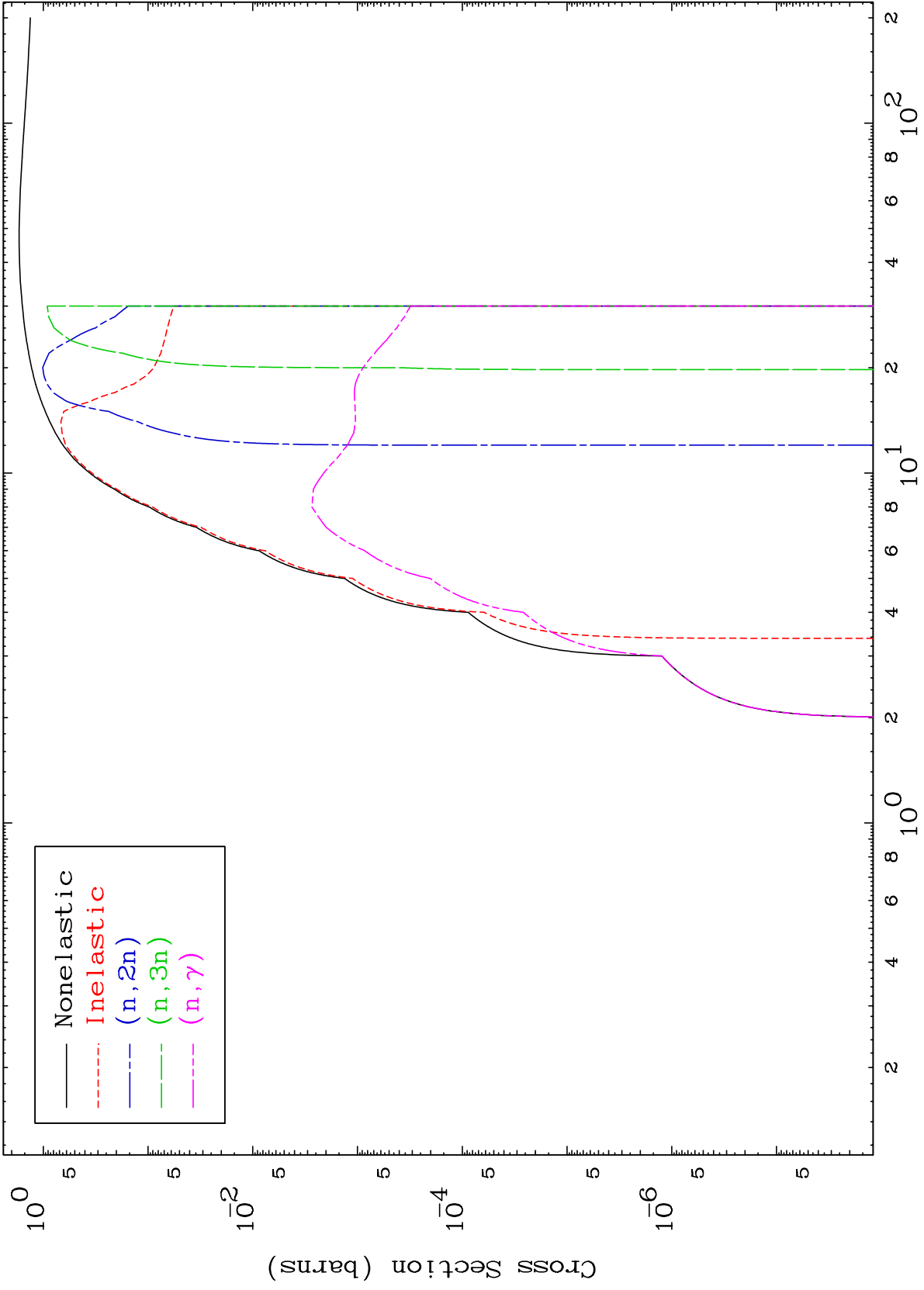
Press Mouse Button to Start

MAT 6422

Proton Major

64-Gd-151

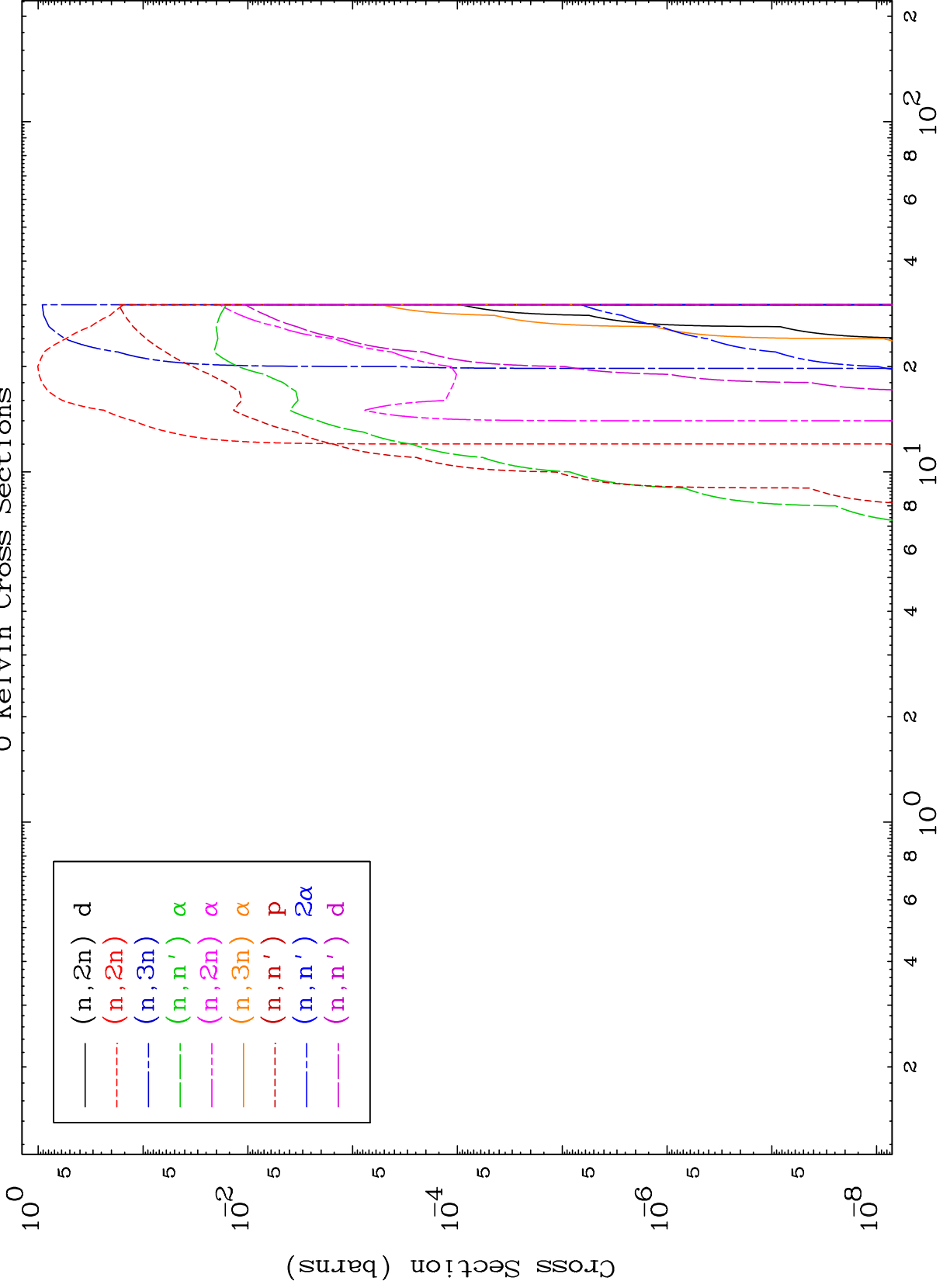
0 Kelvin Cross Sections

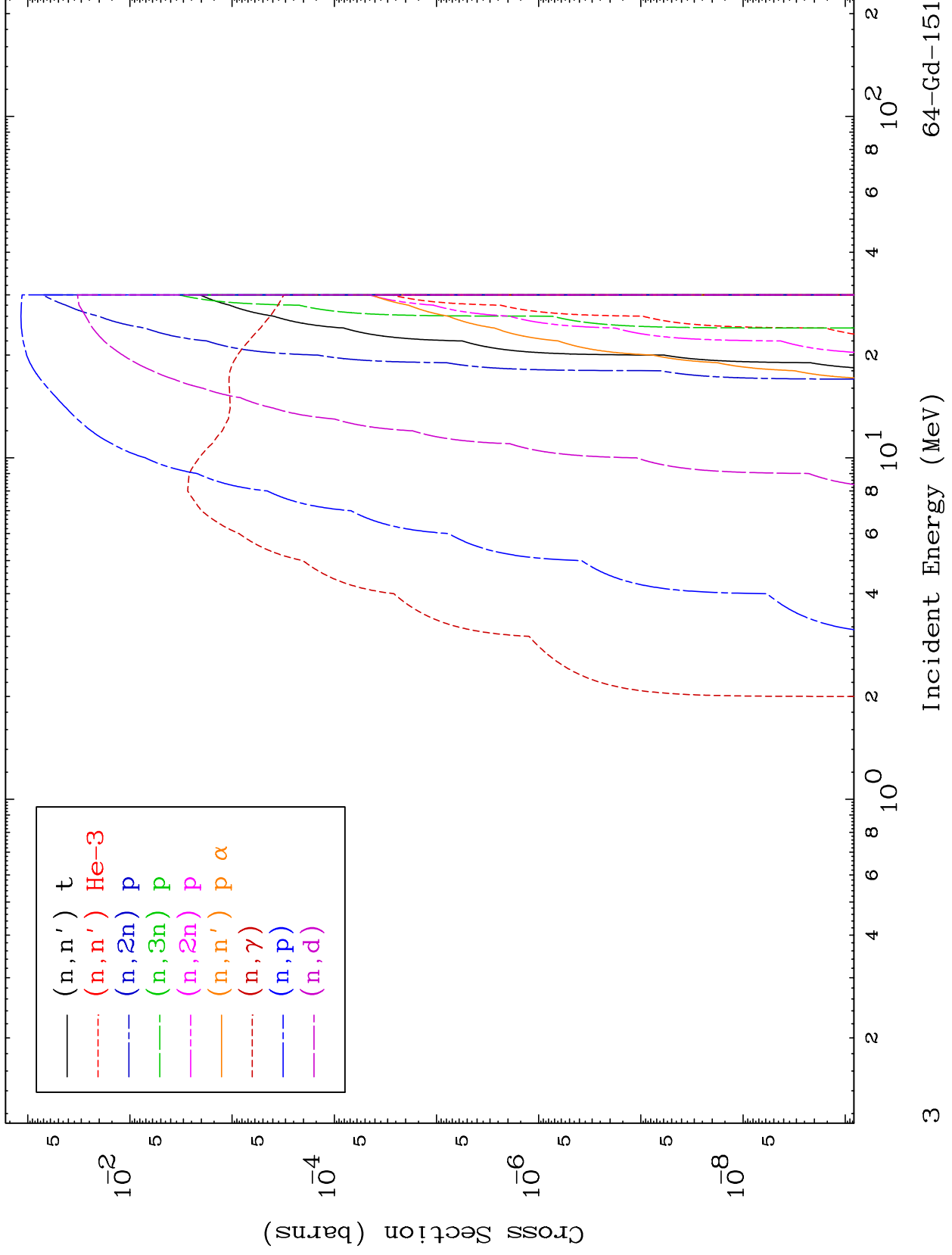


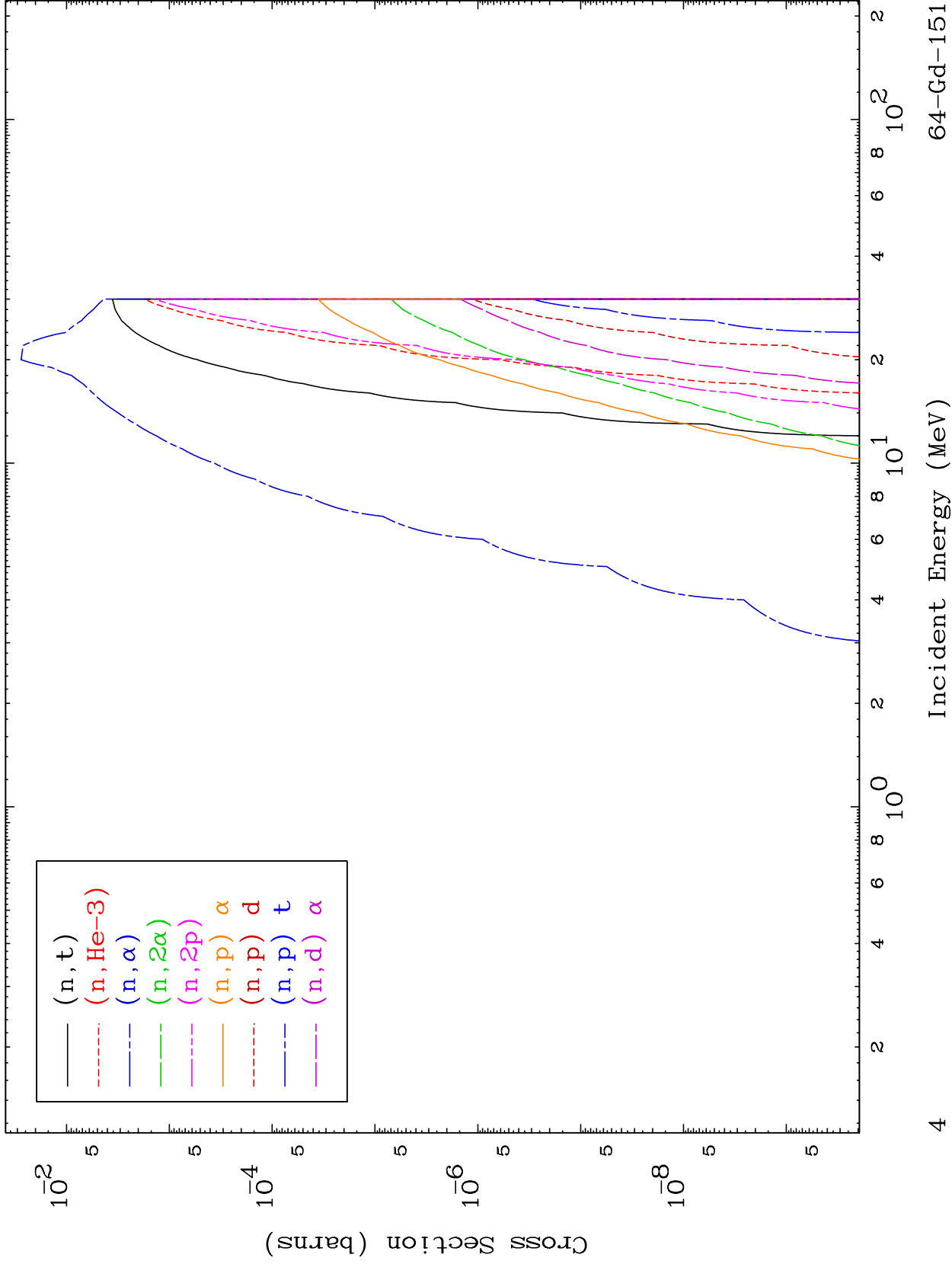
MAT 6422

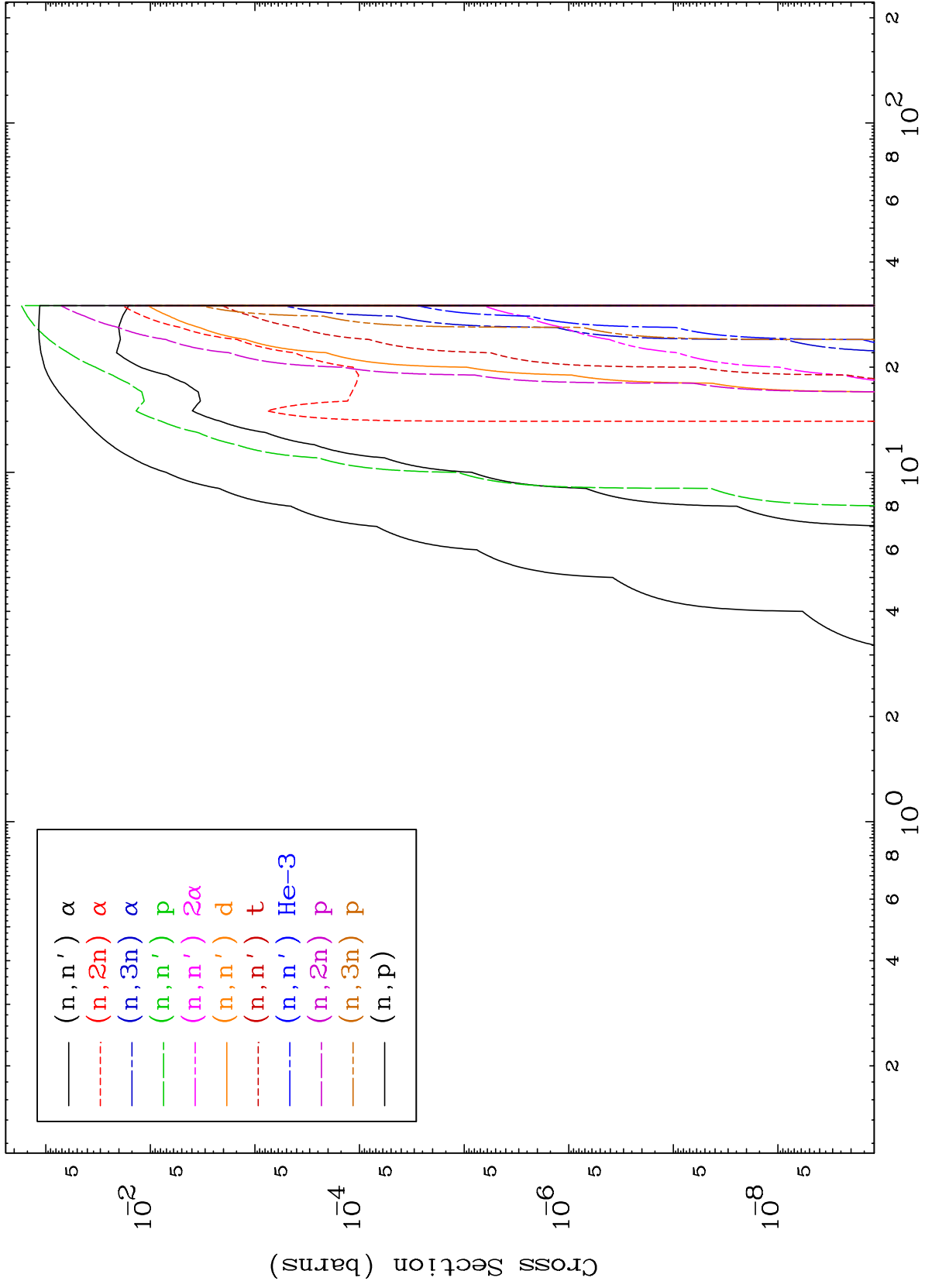
Proton Neutron Absorption
0 Kelvin Cross Sections

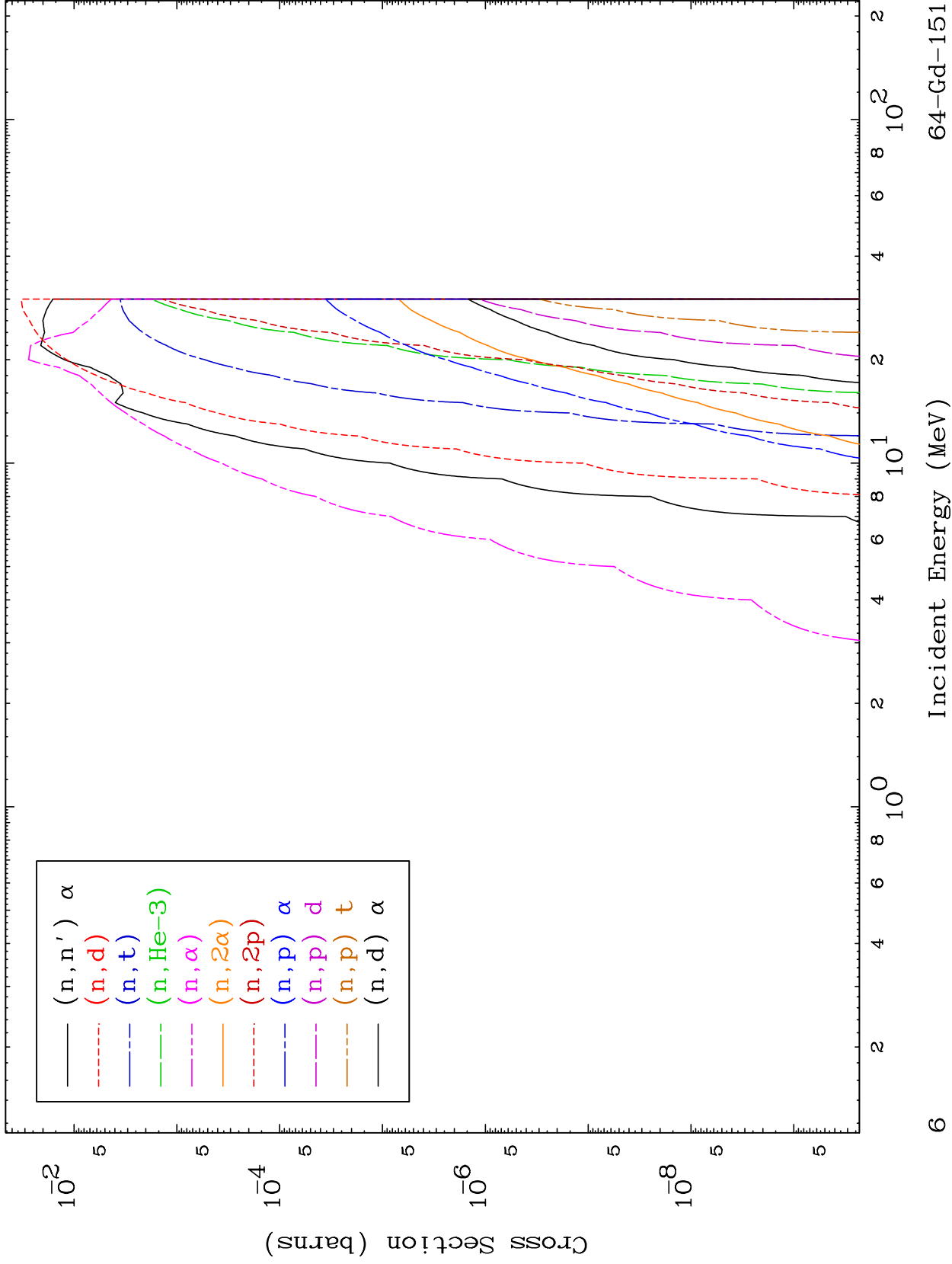
64-Gd-151







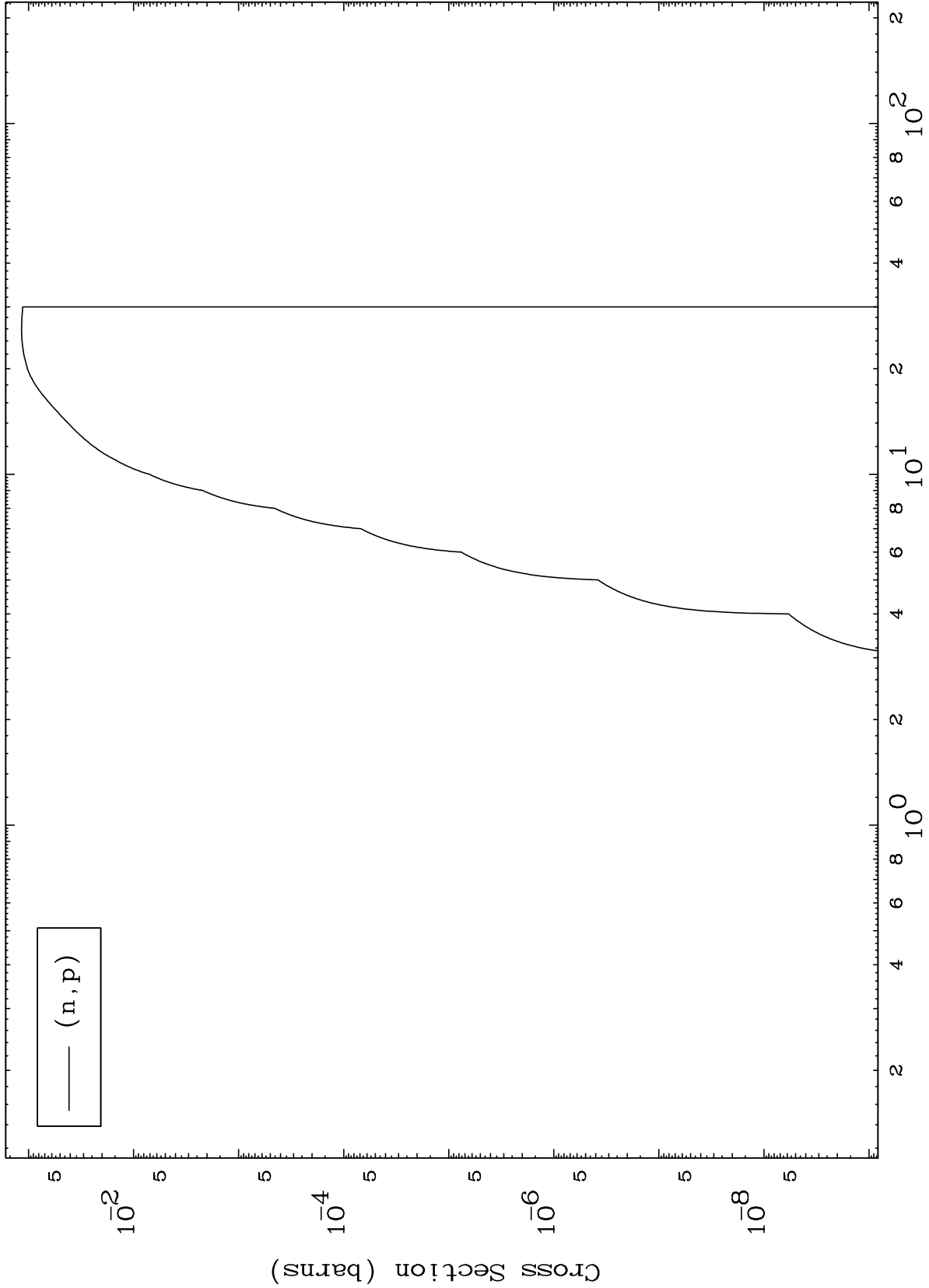




MAT 6422

64-Gd-151

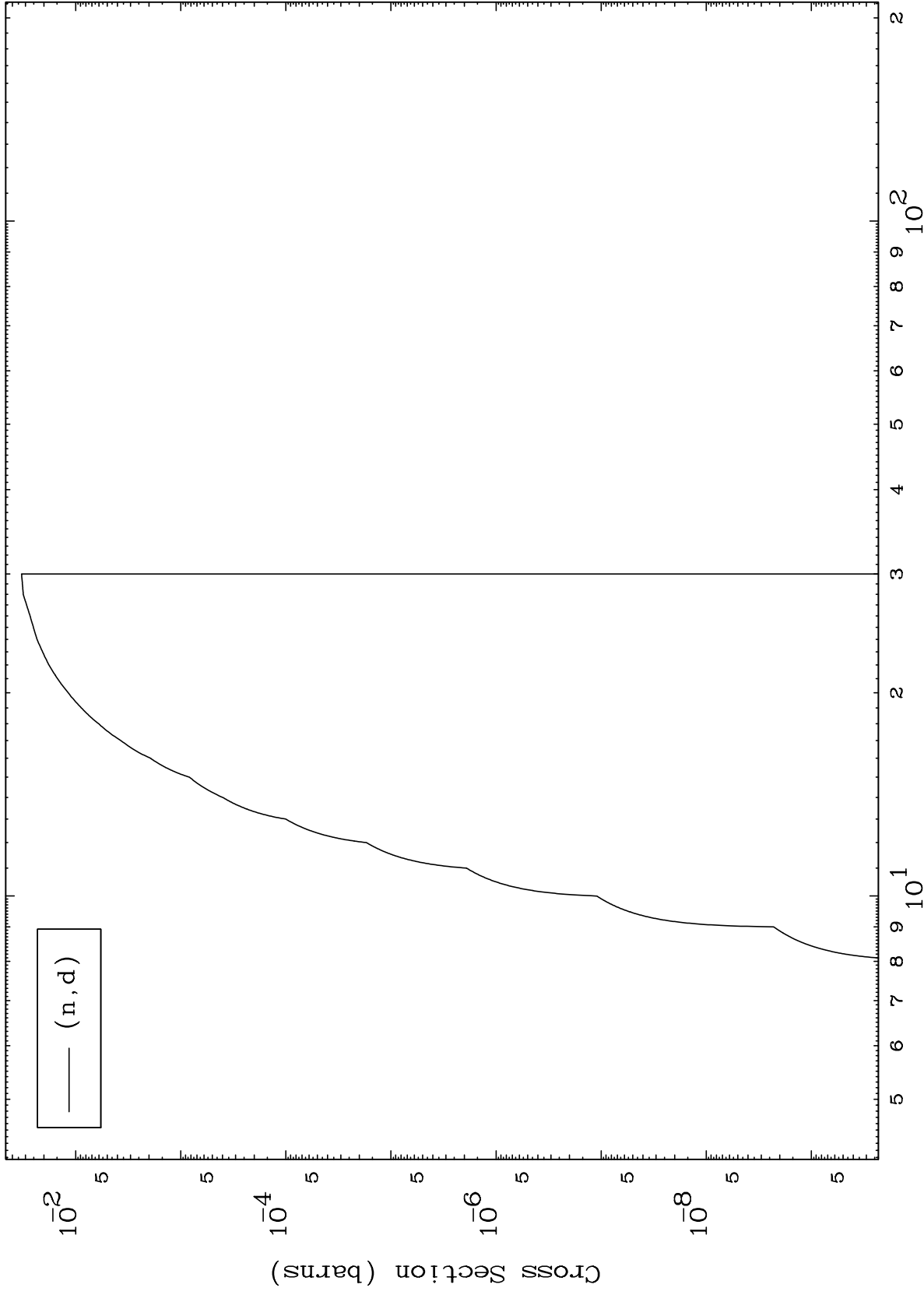
(p,p) Levels
0 Kelvin Cross Sections



MAT 6422

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-151



8

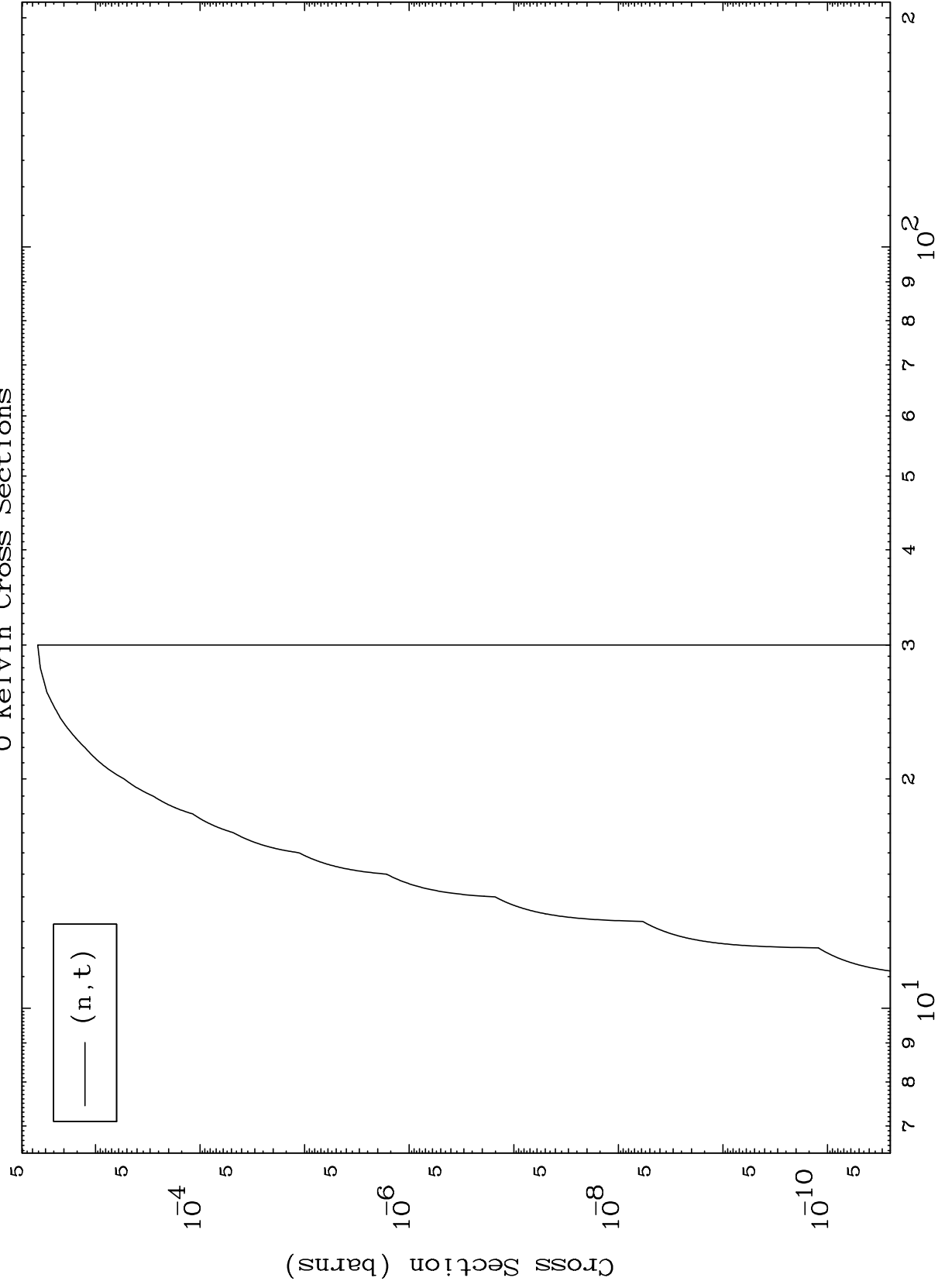
Incident Energy (MeV)

64-Gd-151

MAT 6422

(p, t) Levels
0 Kelvin Cross Sections

64-Gd-151



9

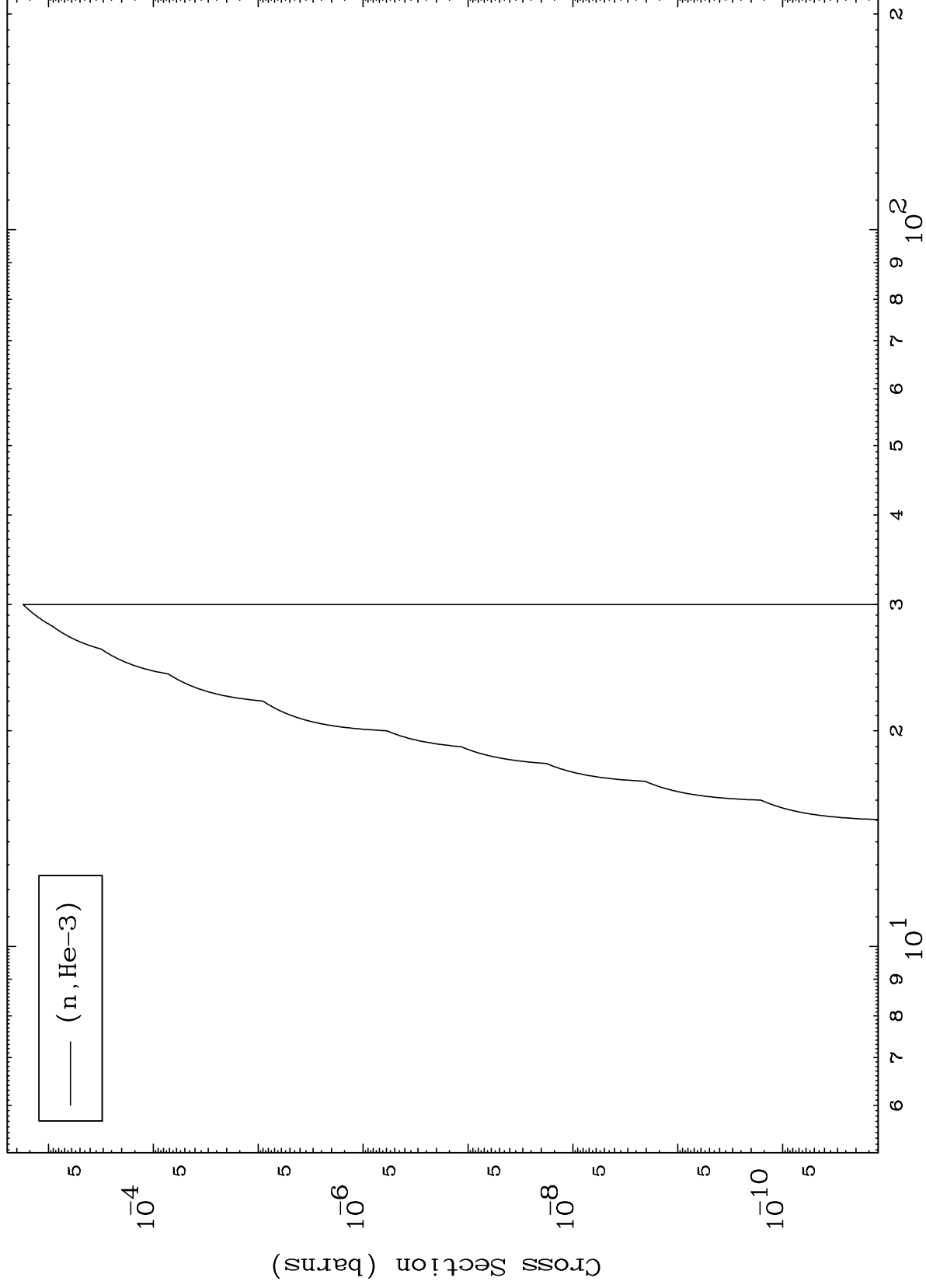
Incident Energy (MeV)

64-Gd-151

MAT 6422

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-151



10

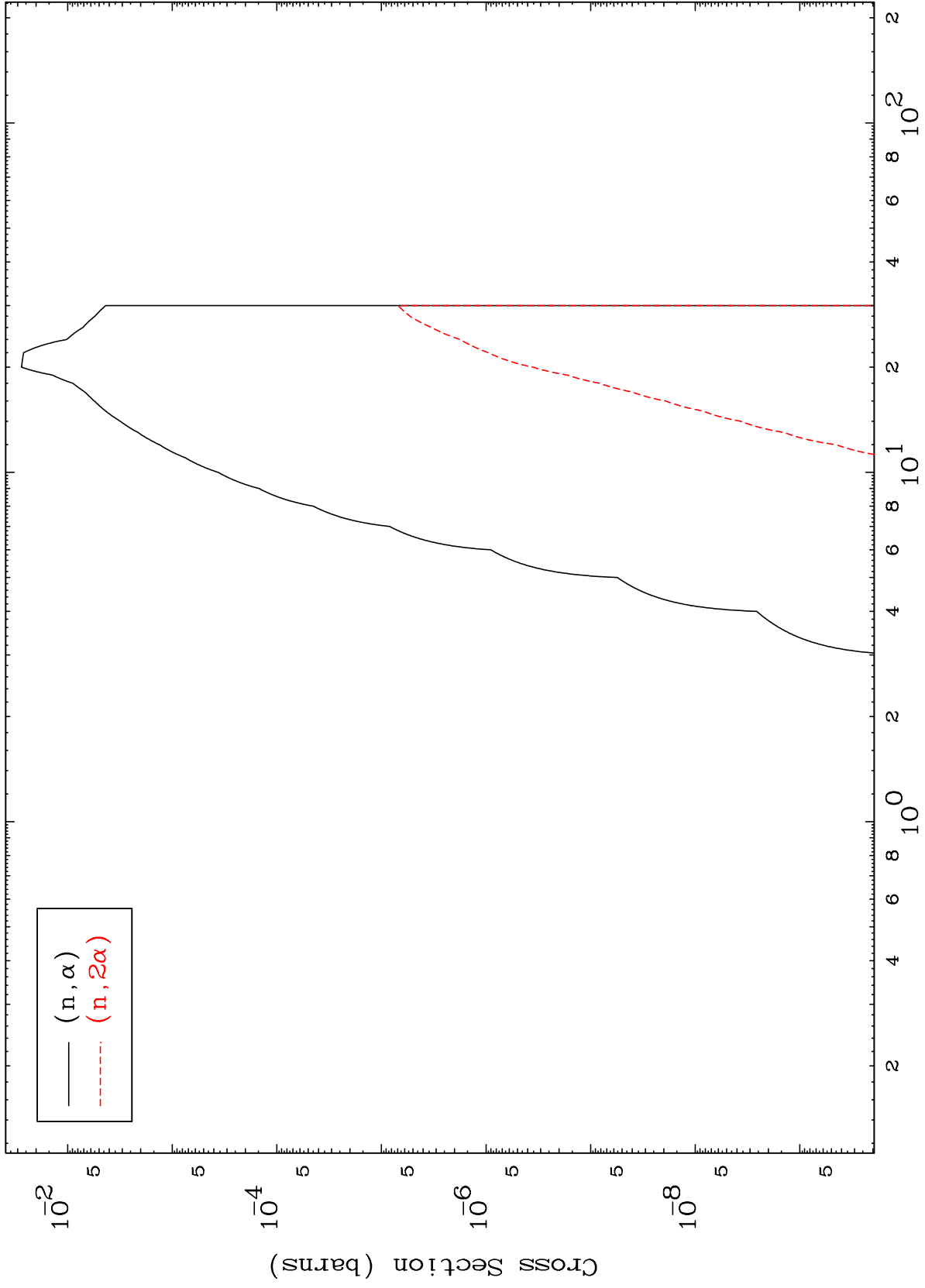
Incident Energy (MeV)

64-Gd-151

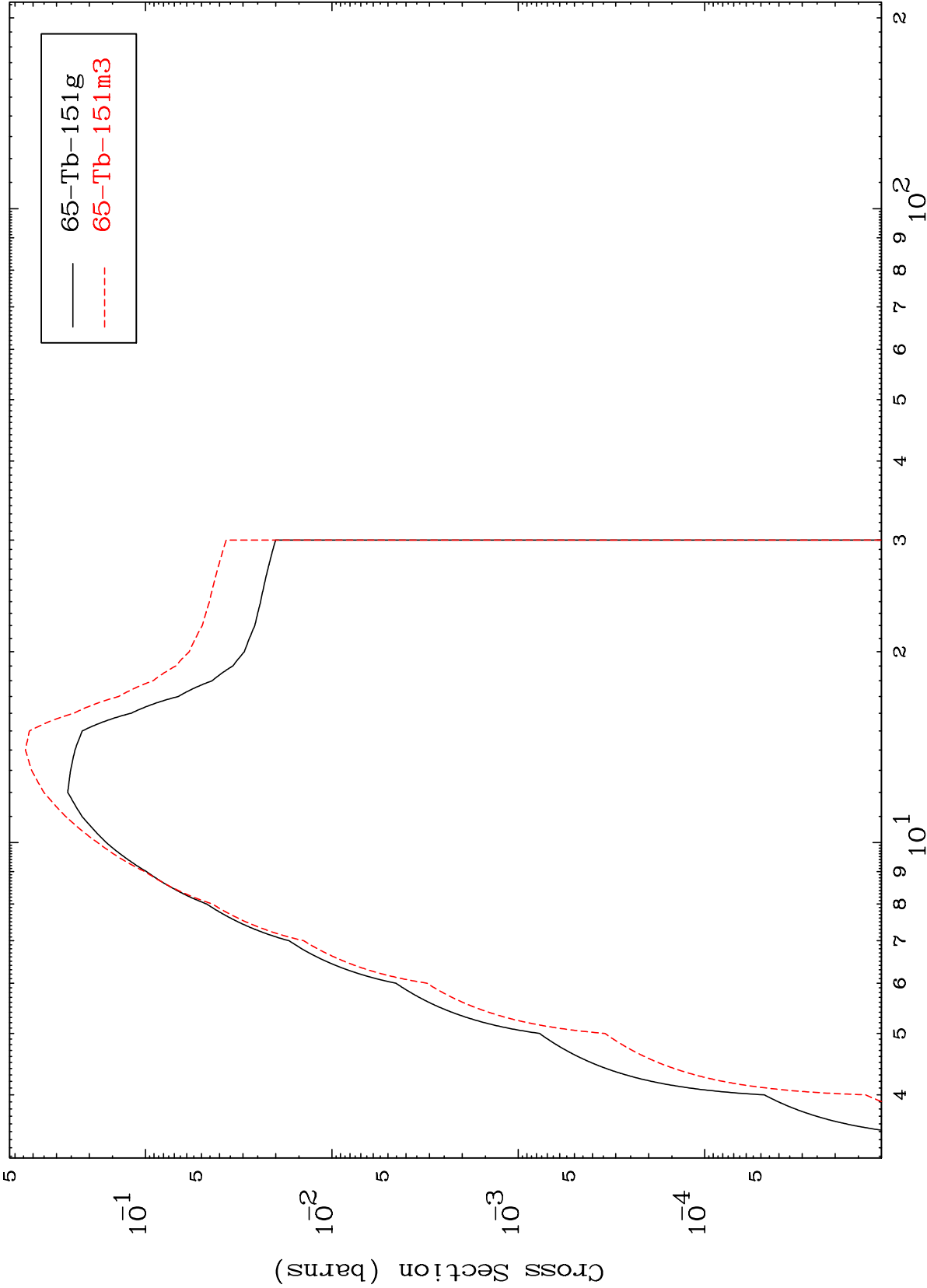
MAT 6422

(p, α) Levels
0 Kelvin Cross Sections

64-Gd-151



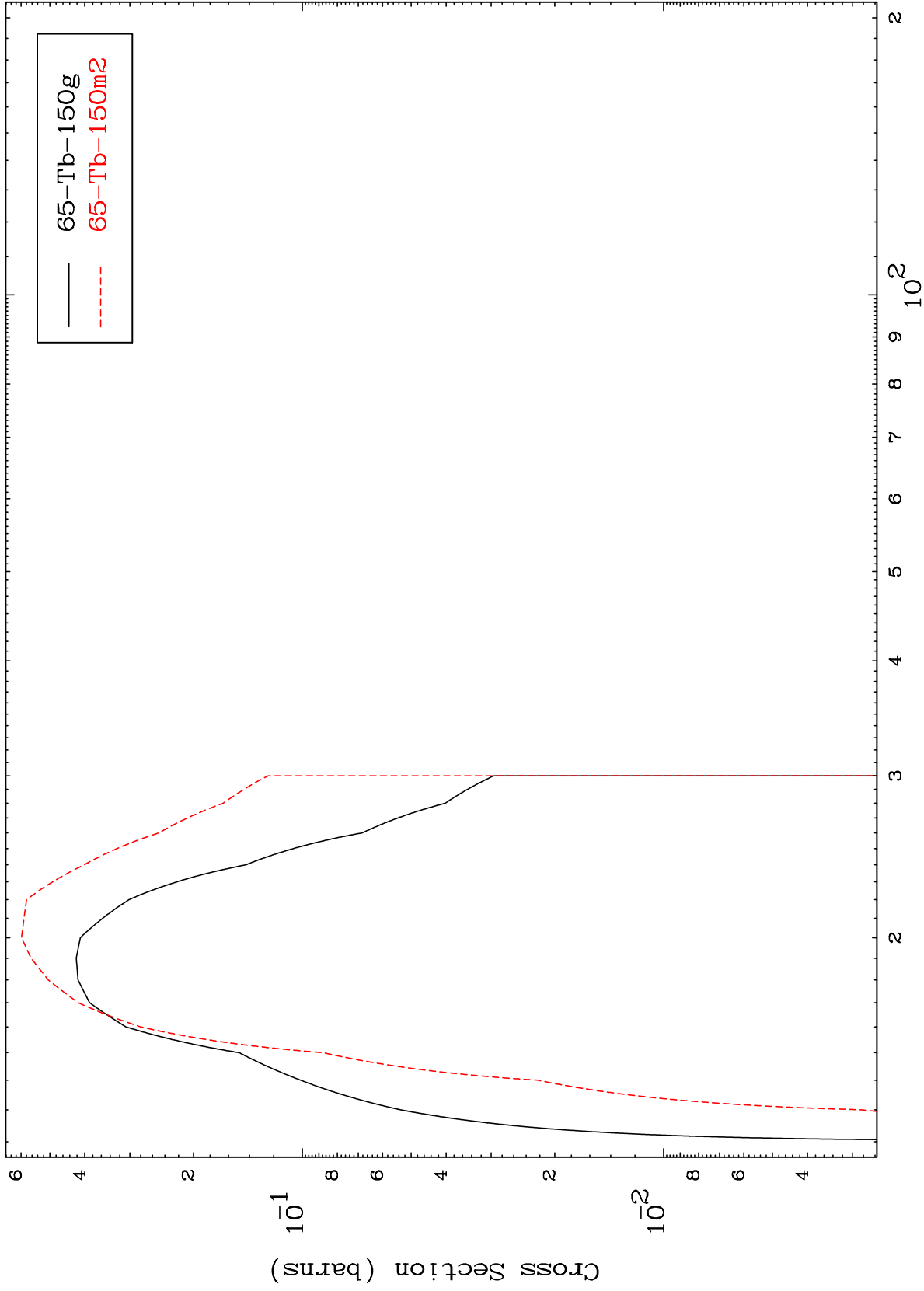
Inelastic
Radionuclide Production Cross Section



MAT 6422

64-Gd-151

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

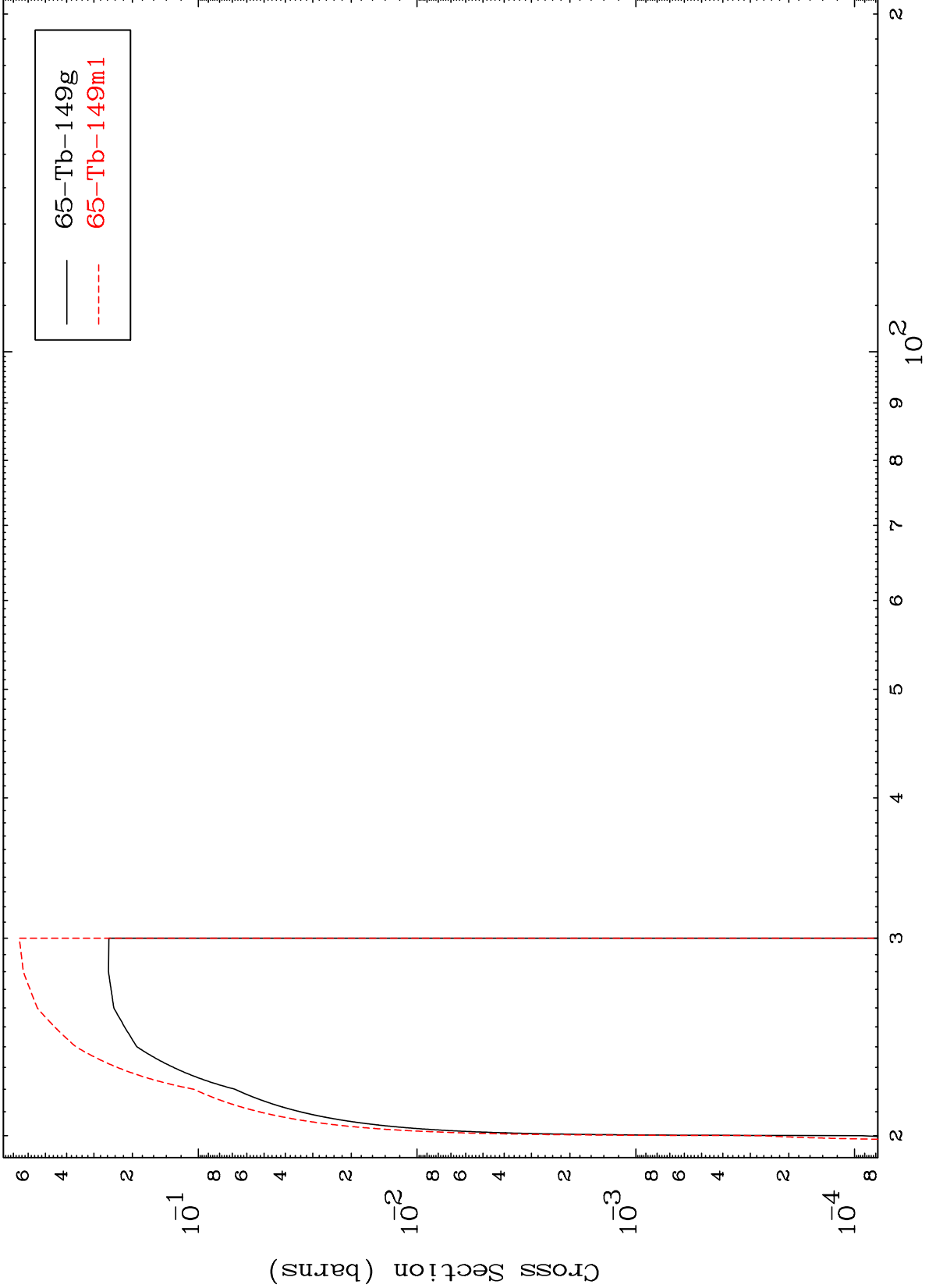
64-Gd-151

MAT 6422

(n,3n)

64-Gd-151

Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

14

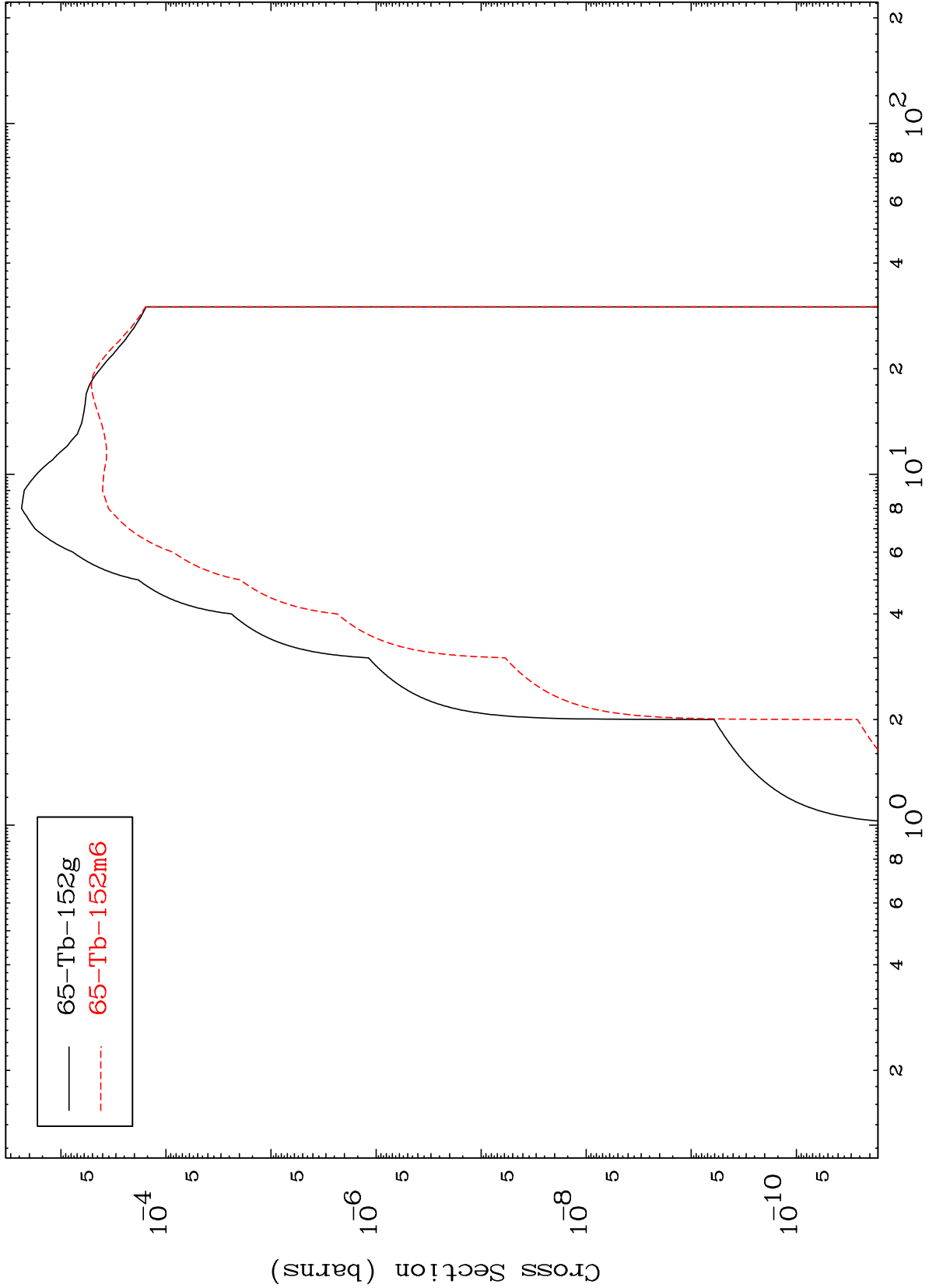
Incident Energy (MeV)

64-Gd-151

MAT 6422

64-Gd-151

(n,γ)
Radionuclide Production Cross Section



15

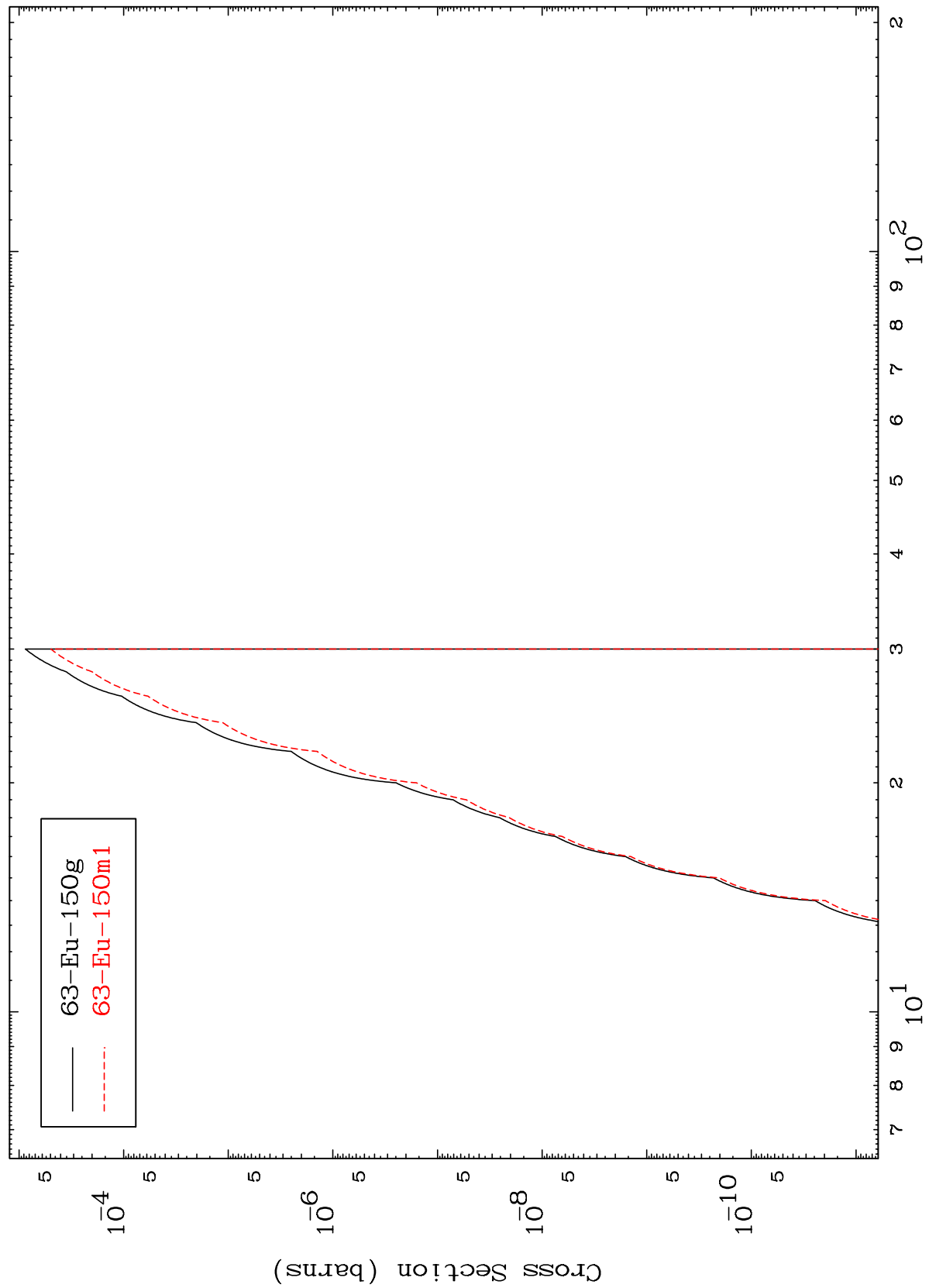
64-Gd-151

Incident Energy (MeV)

MAT 6422

64-Gd-151

(n,2p)
Radionuclide Production Cross Section



64-Gd-151

Incident Energy (MeV)

16