

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

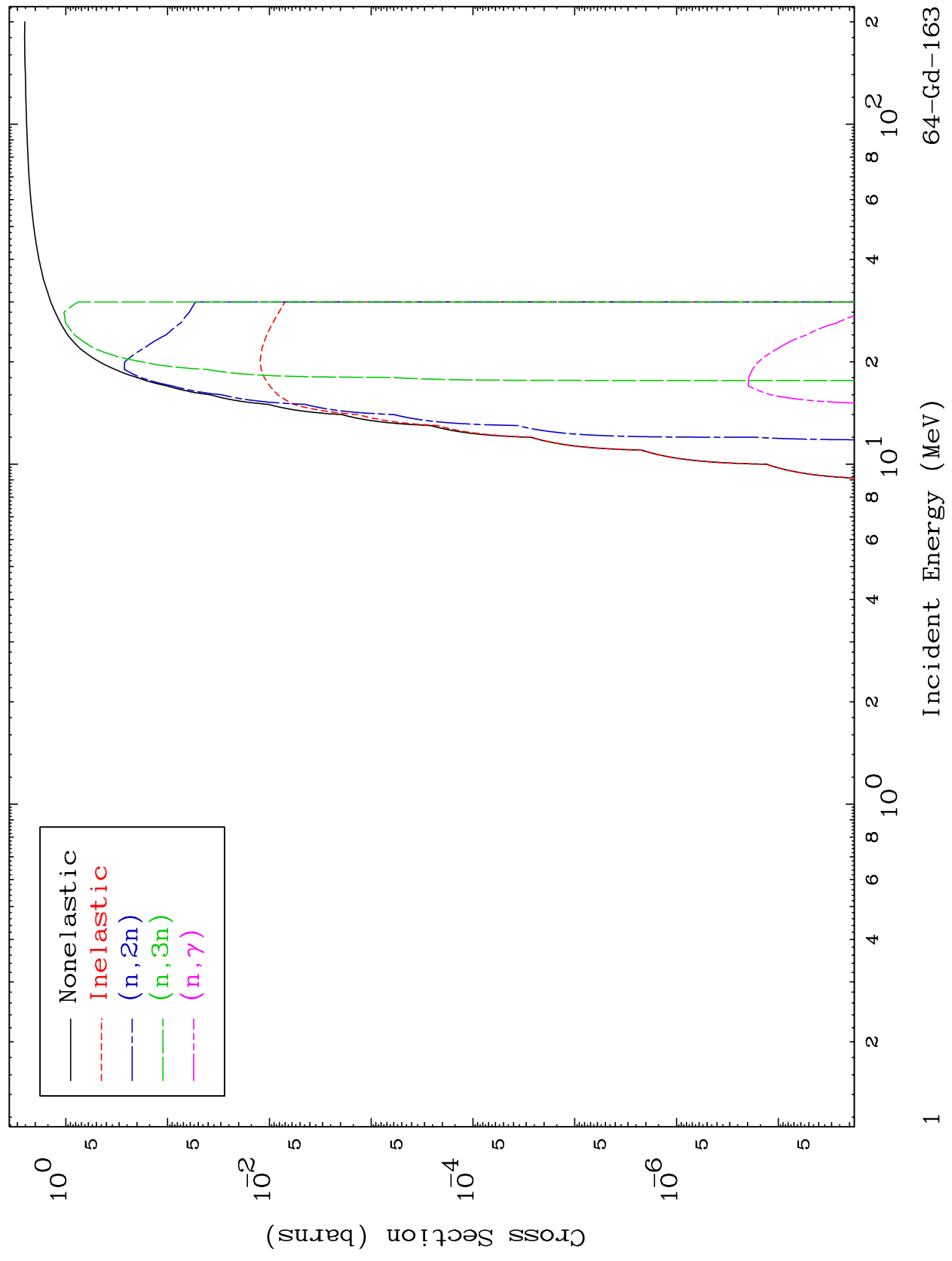
Press Mouse Button to Start

MAT 6458

0 Kelvin

α Major Cross Sections

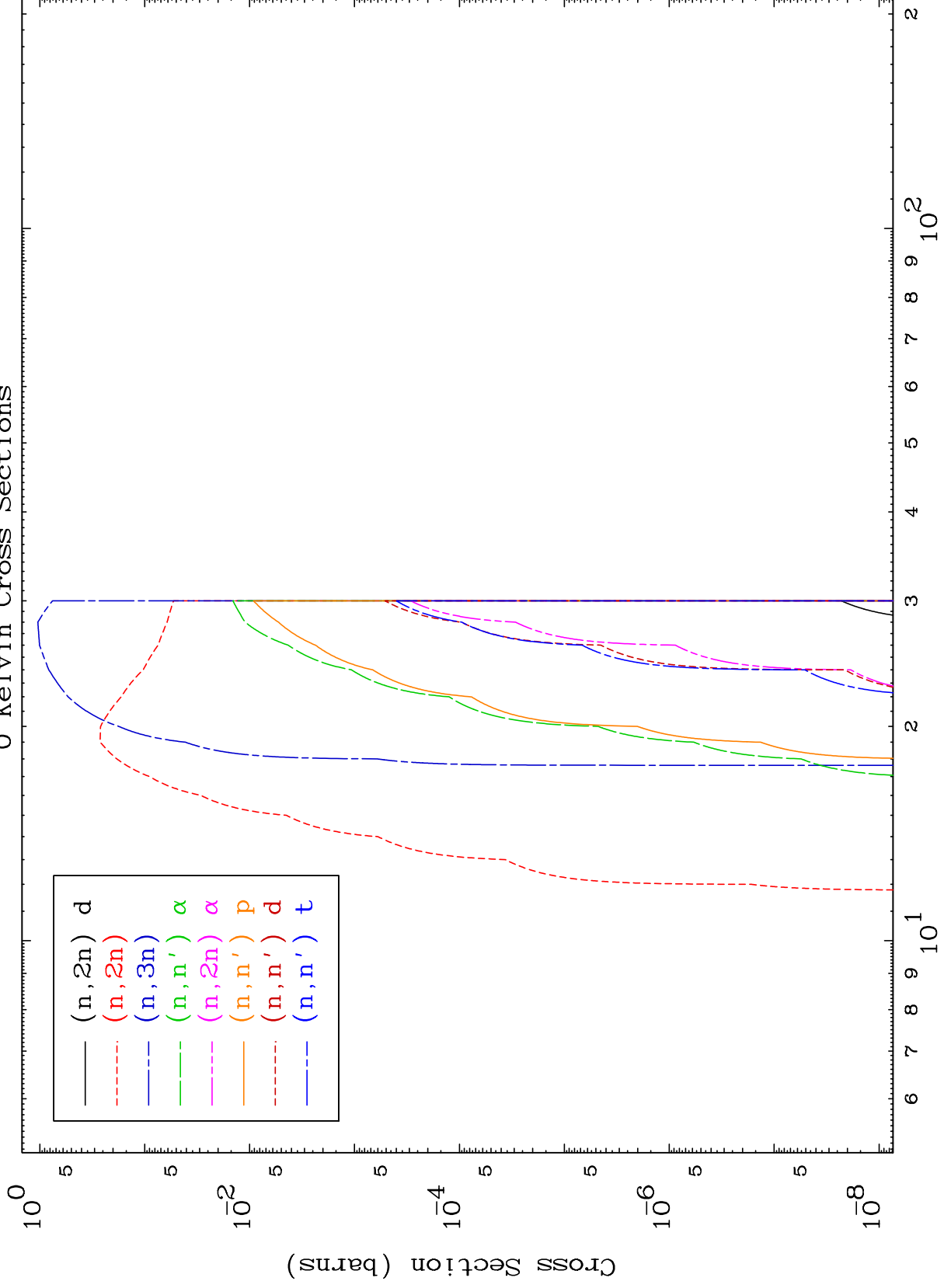
64-Gd-163



MAT 6458

α Neutron Absorption
0 Kelvin Cross Sections

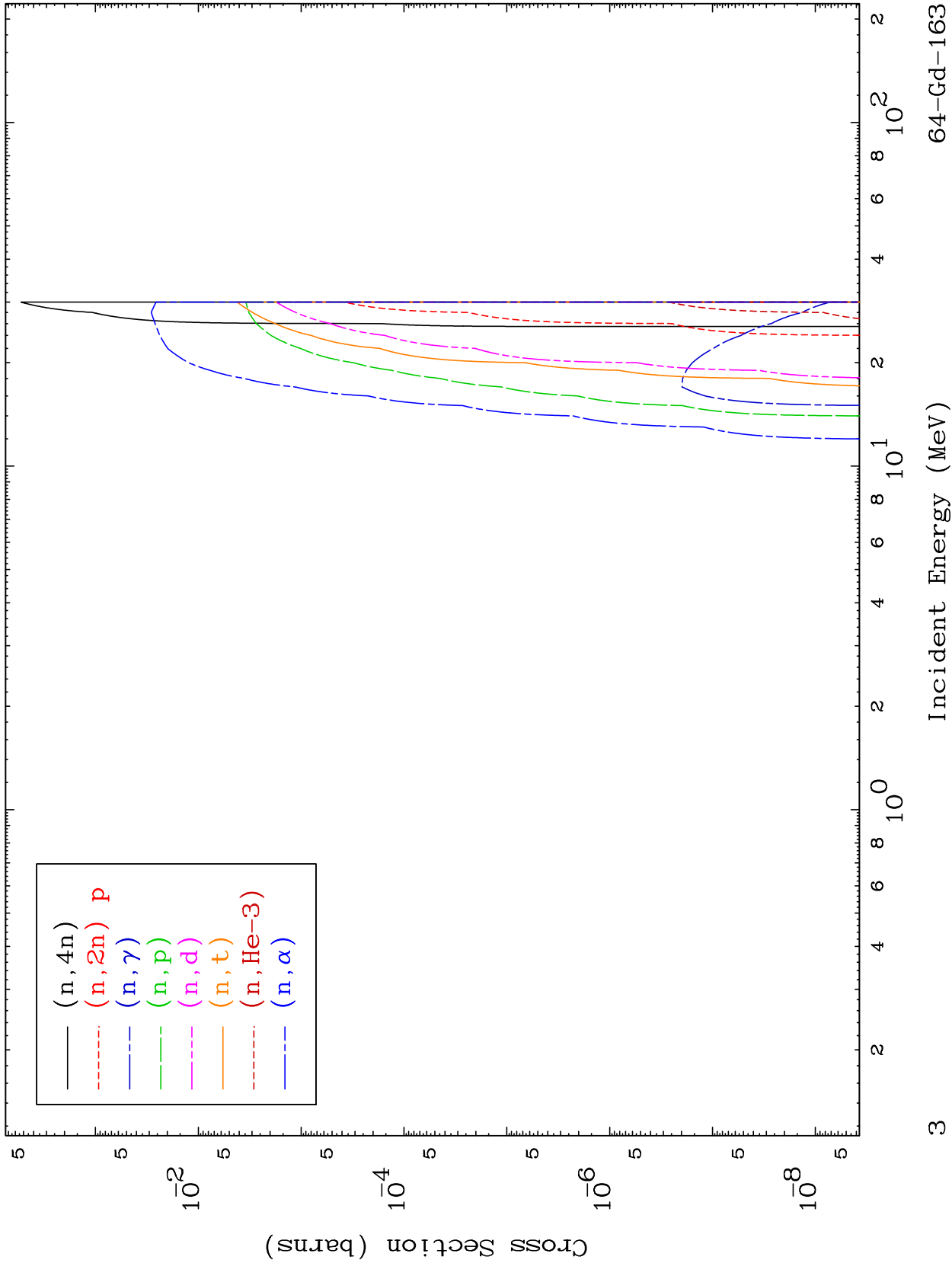
64-Gd-163



MAT 6458

α Neutron Absorption
0 Kelvin Cross Sections

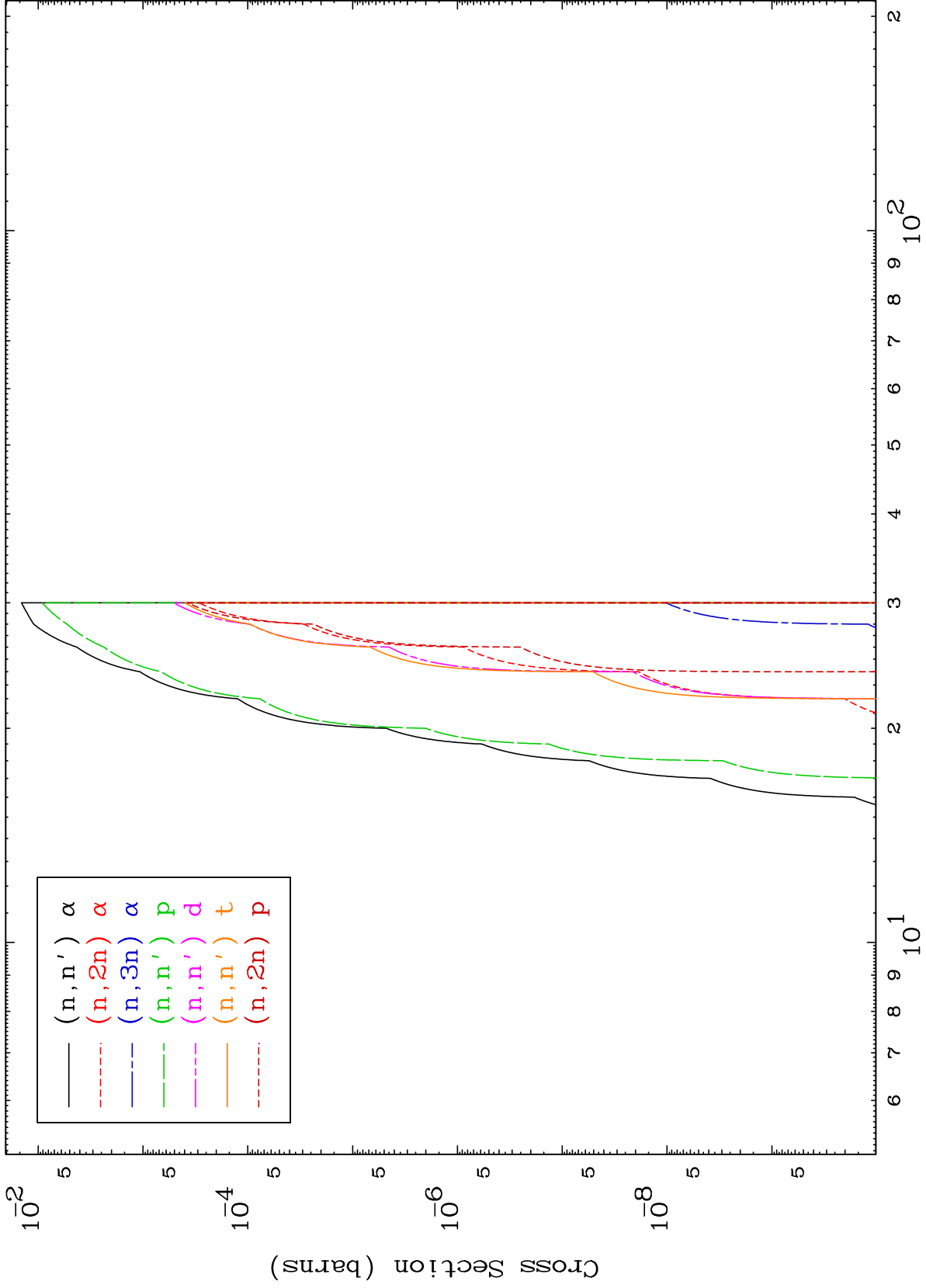
64-Gd-163



MAT 6458

α Charged Particle
0 Kelvin Cross Sections

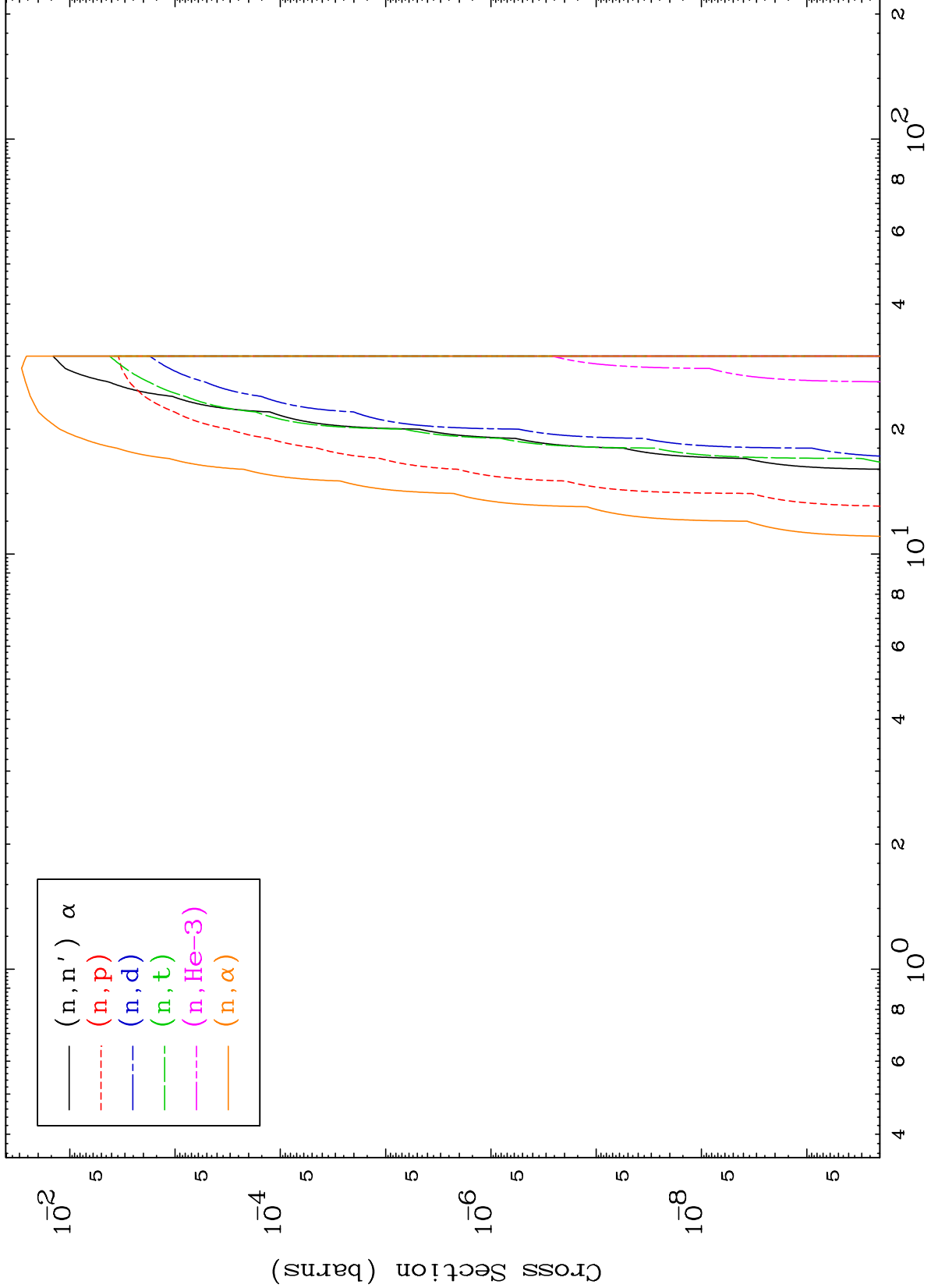
64-Gd-163



MAT 6458

α Charged Particle
0 Kelvin Cross Sections

64-Gd-163



5

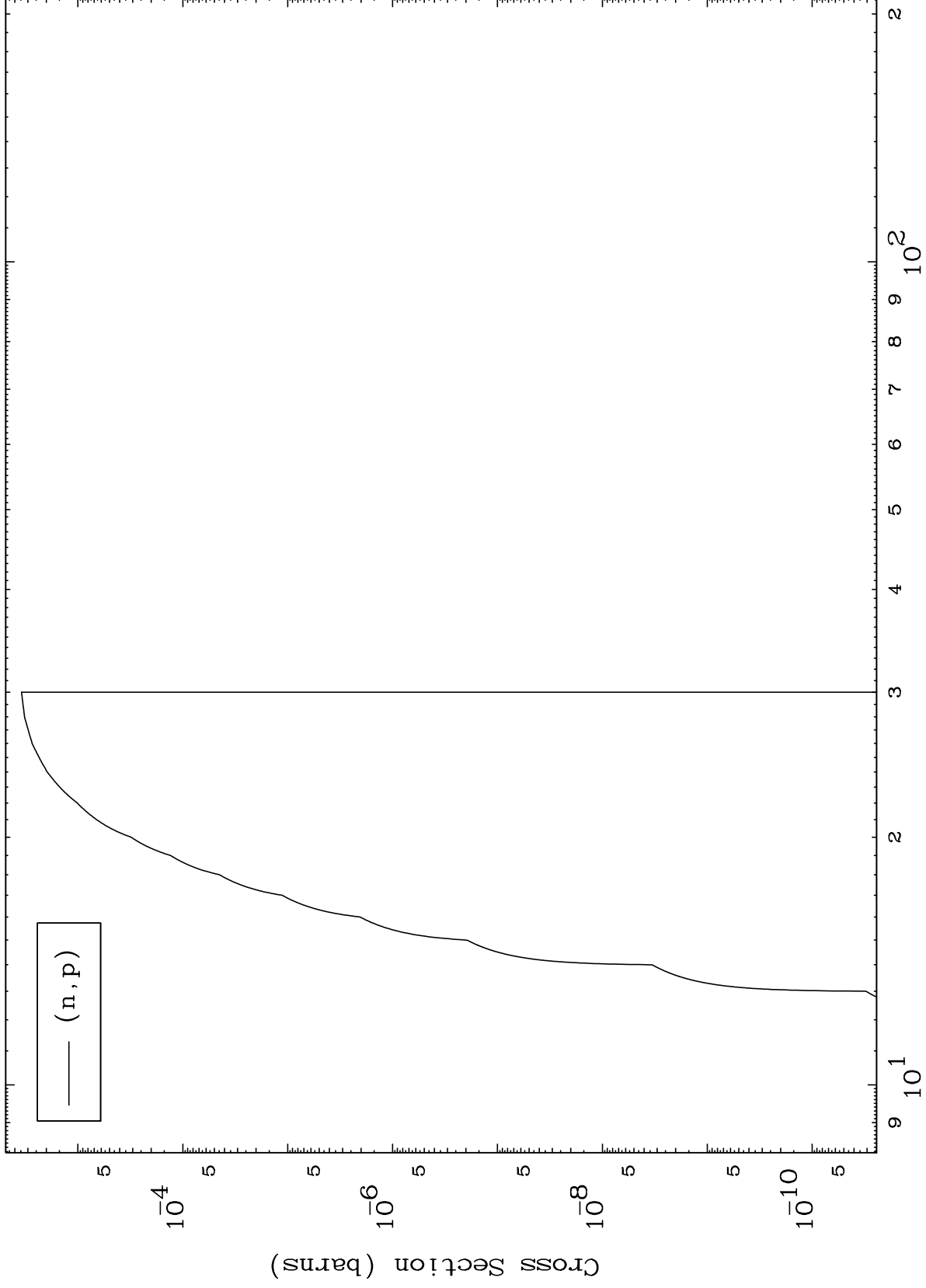
Incident Energy (MeV)

64-Gd-163

MAT 6458

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-163



Incident Energy (MeV)

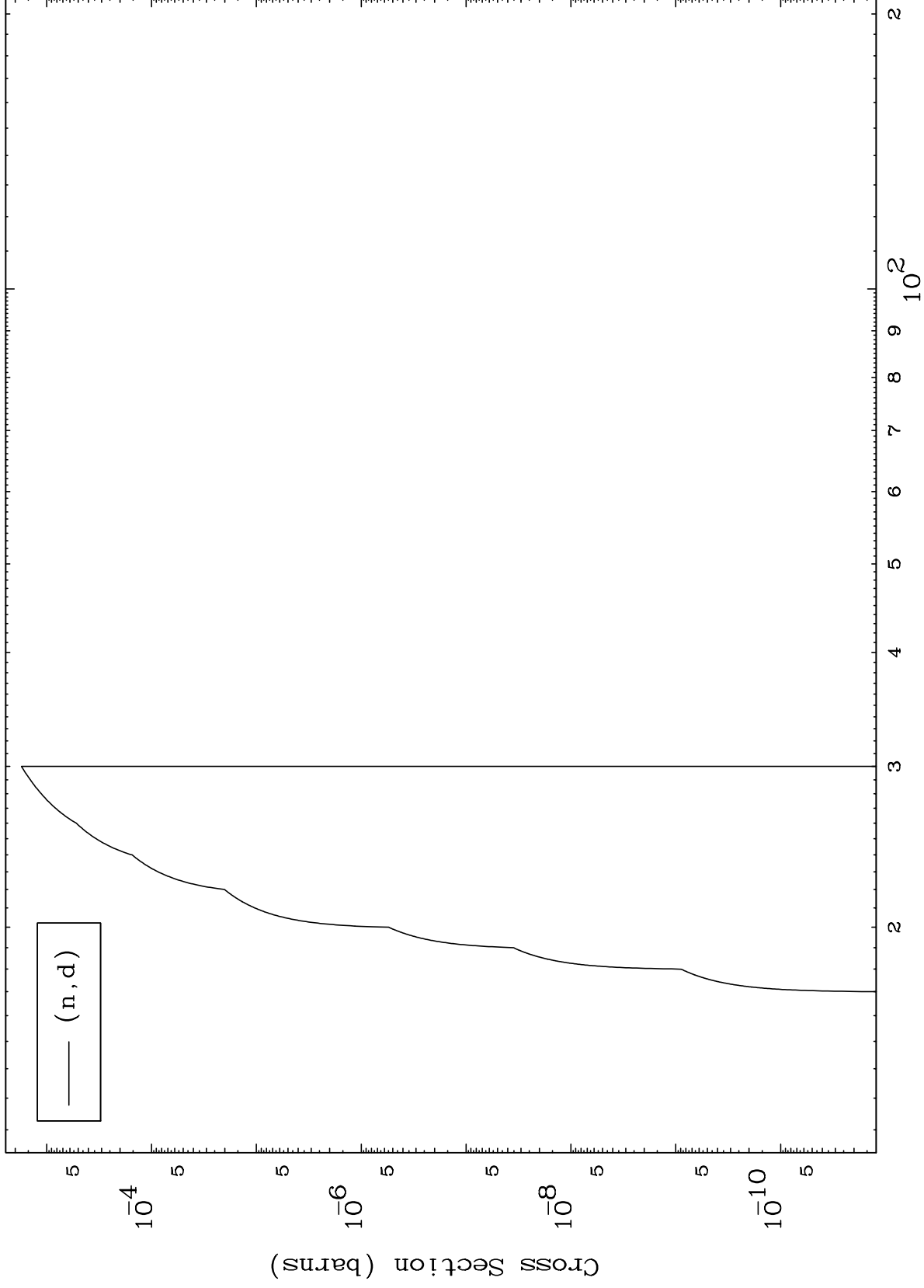
64-Gd-163

6

MAT 6458

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-163



7

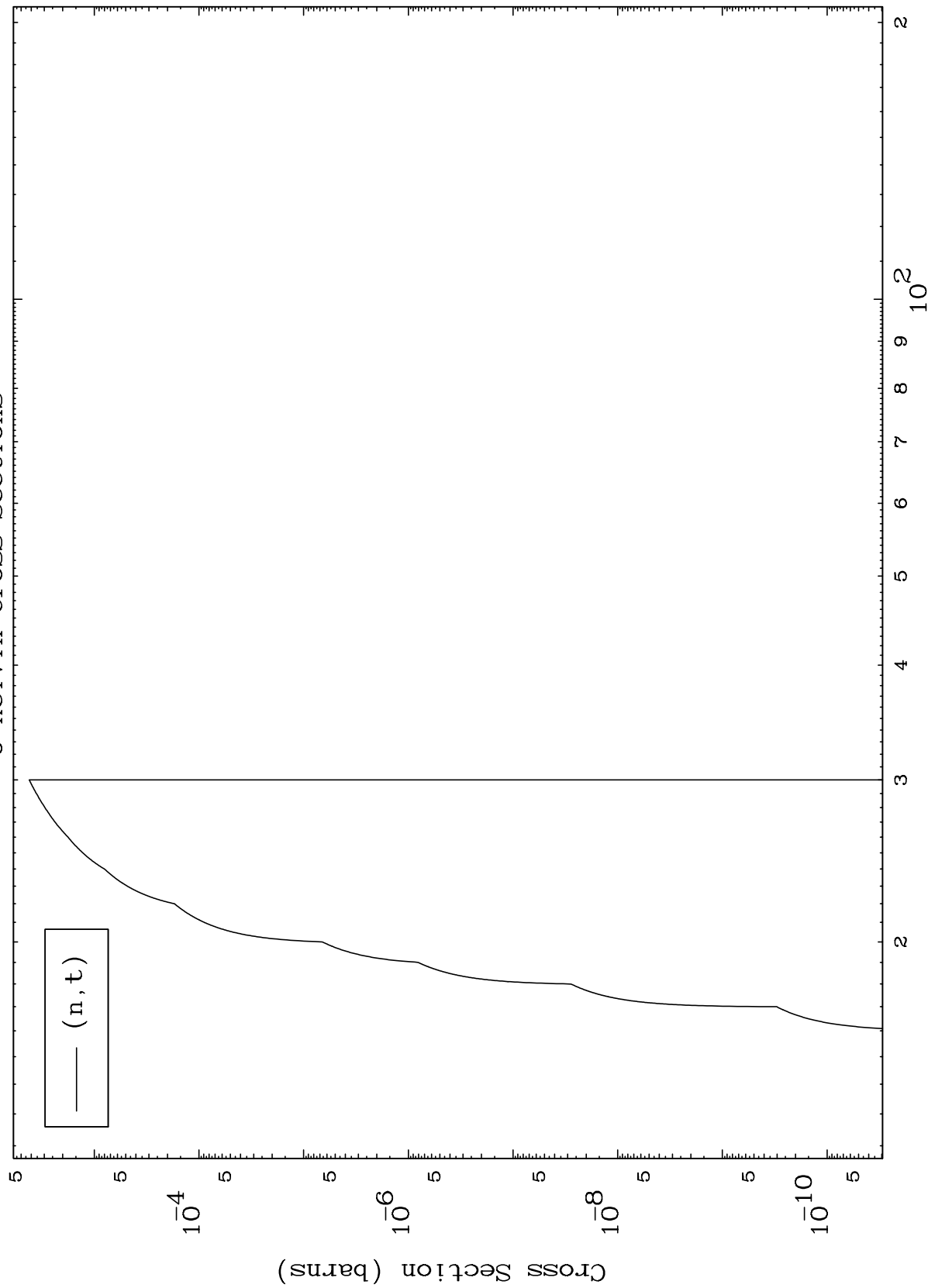
Incident Energy (MeV)

64-Gd-163

MAT 6458

64-Gd-163

(α, t) Levels
0 Kelvin Cross Sections

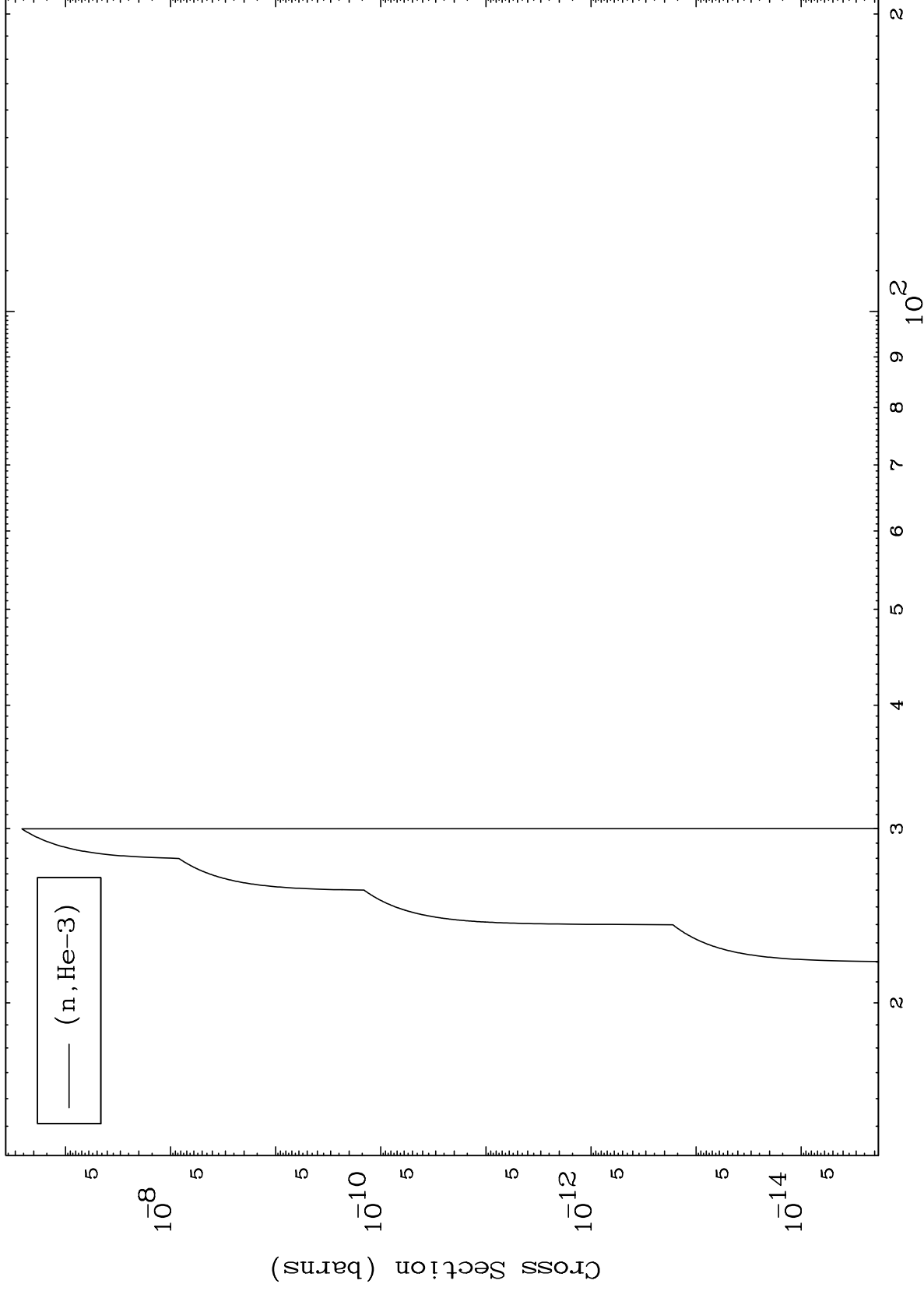


64-Gd-163

Incident Energy (MeV)

8

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

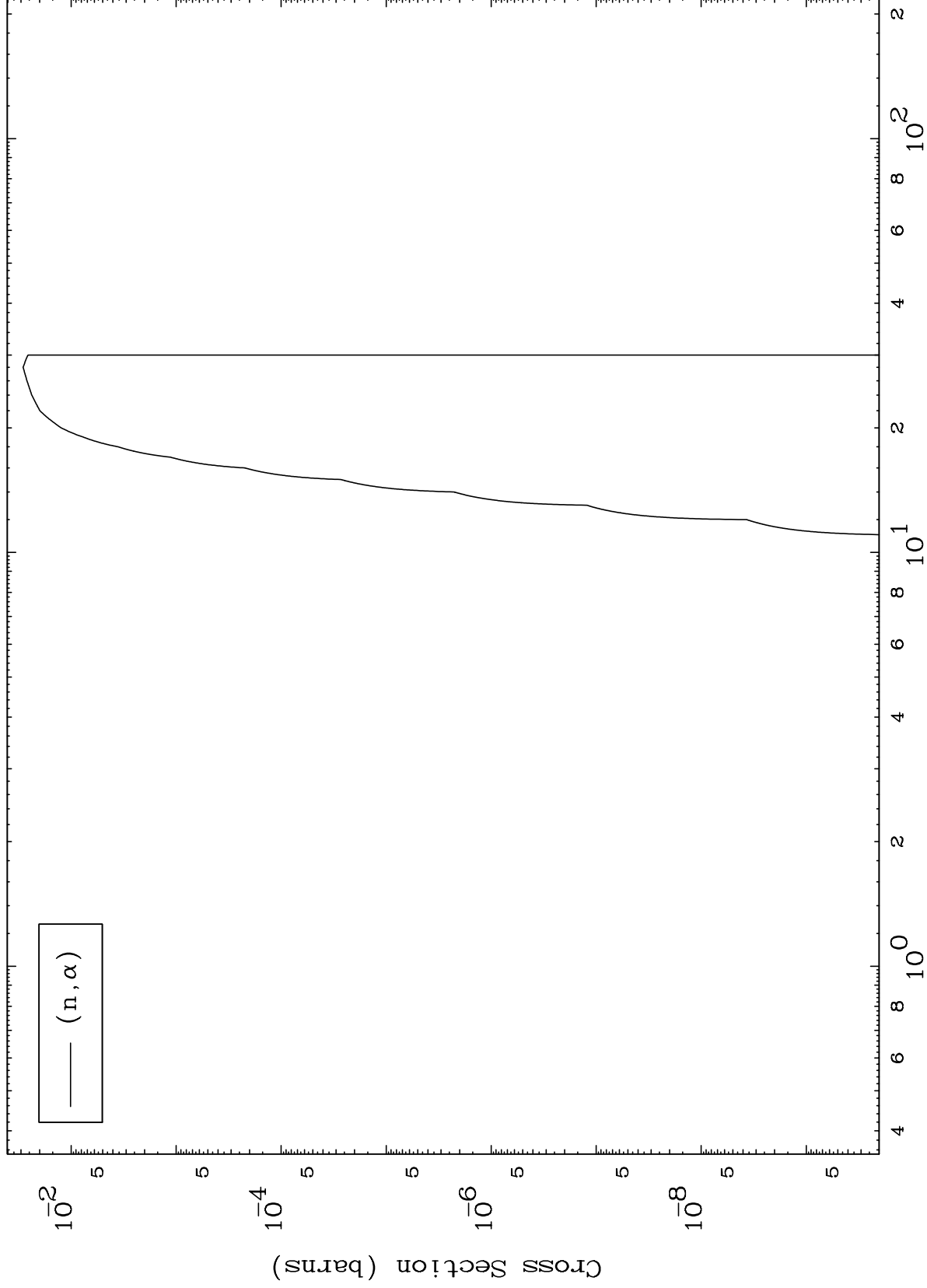


MAT 6458

(α, α) Levels

64-Gd-163

0 Kelvin Cross Sections



10

Incident Energy (MeV)

64-Gd-163

Radionuclide Production Cross Section (n,2n)

