

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

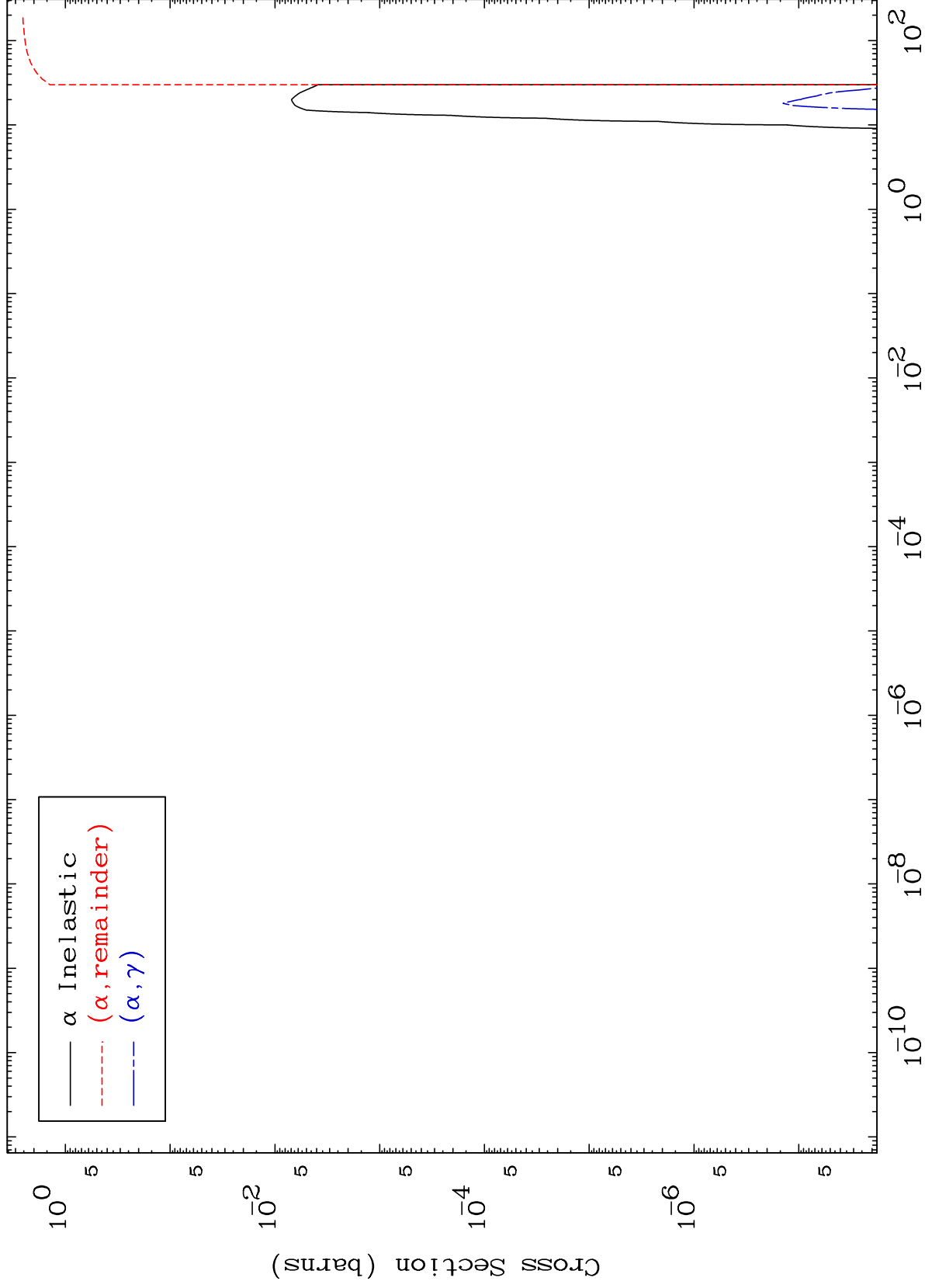
Press Mouse Button to Start

MAT 6458

α Major

64-Gd-163

0 Kelvin Cross Sections



1

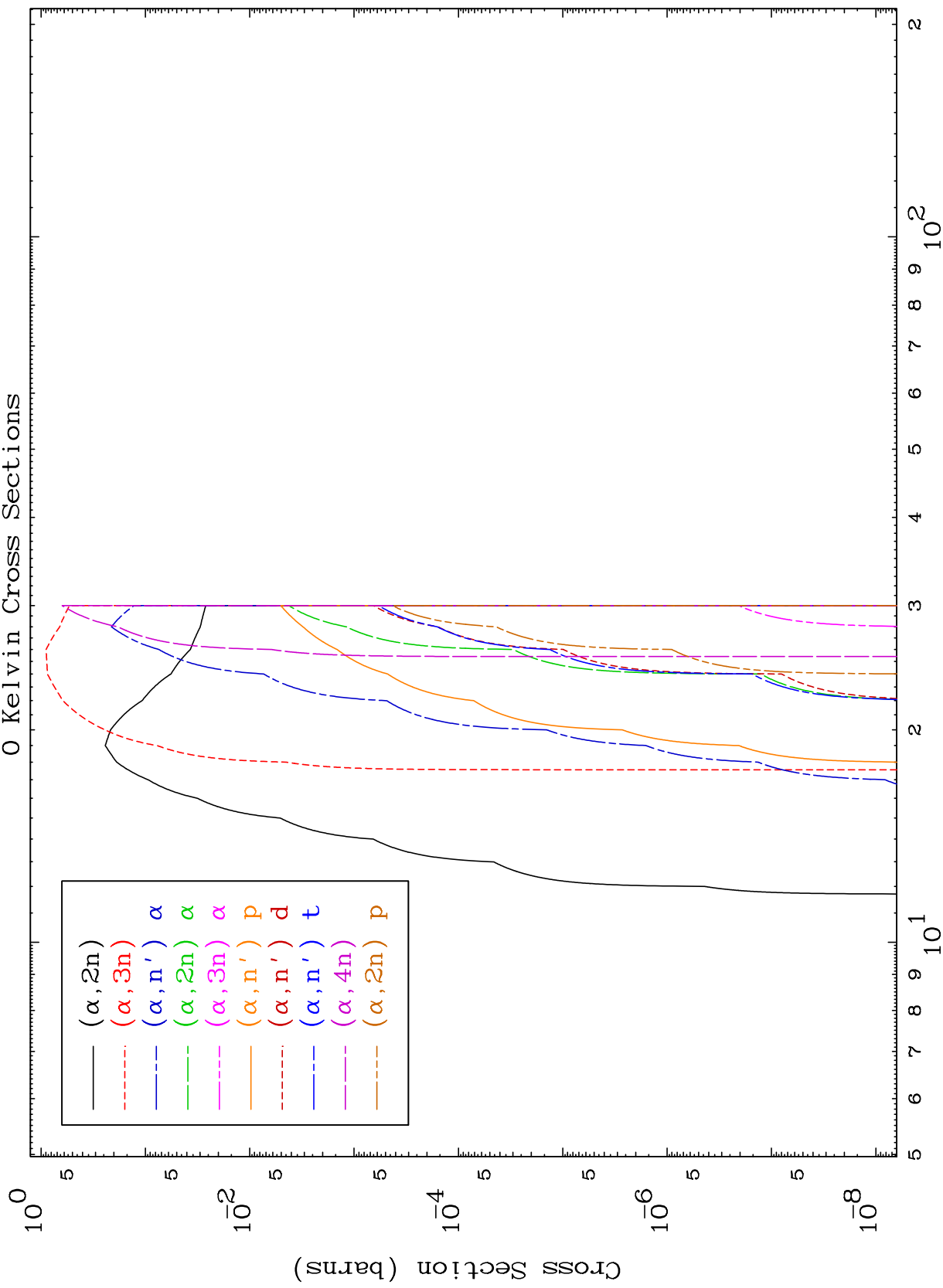
Incident Energy (MeV)

64-Gd-163

MAT 6458

α Neutron Production
0 Kelvin Cross Sections

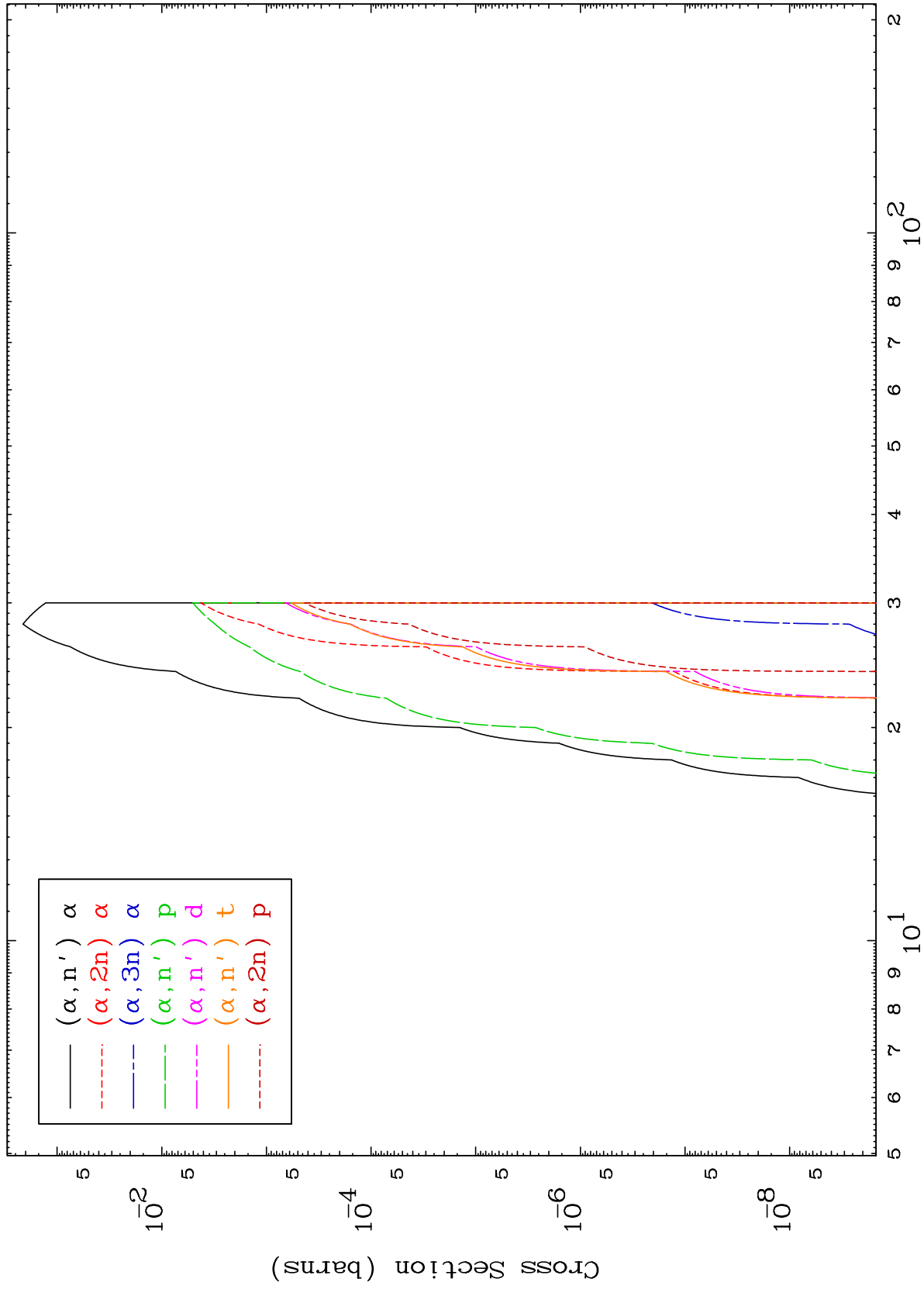
64-Gd-163



2

Incident Energy (MeV)

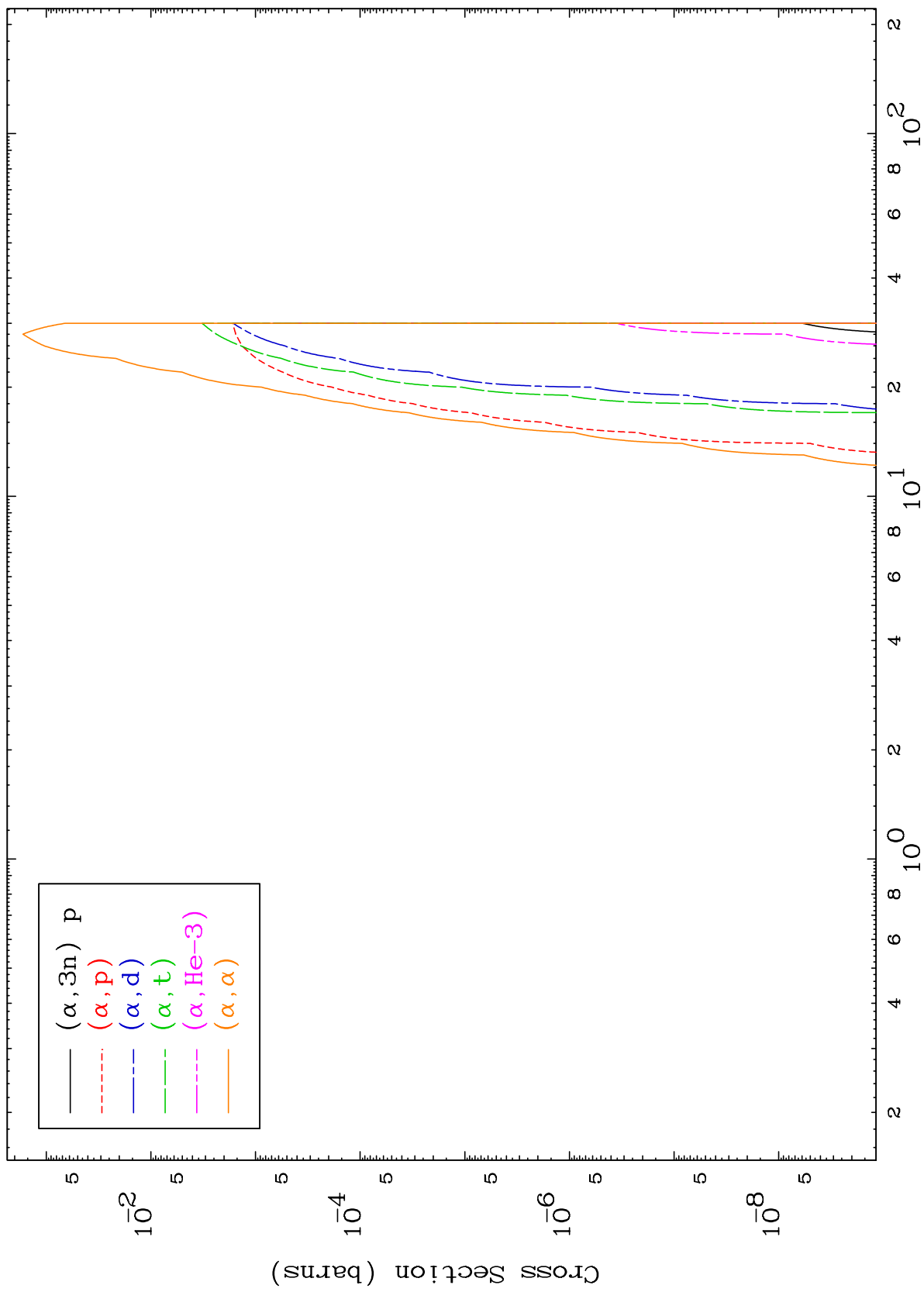
64-Gd-163



MAT 6458

α Charged Particle
0 Kelvin Cross Sections

64-Gd-163



4

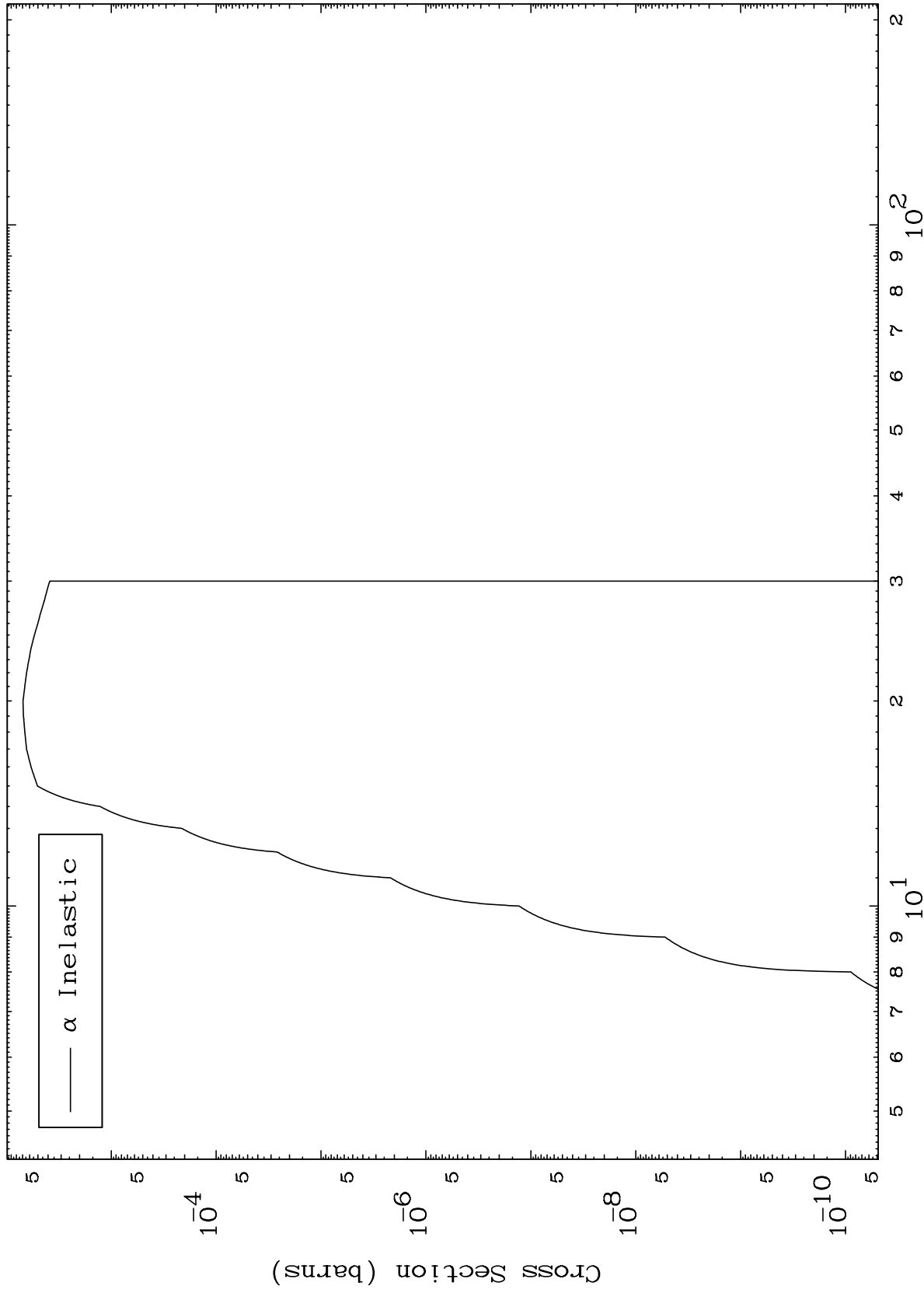
Incident Energy (MeV)

64-Gd-163

MAT 6458

64-Gd-163

(α, n') Level
0 Kelvin Cross Sections



5

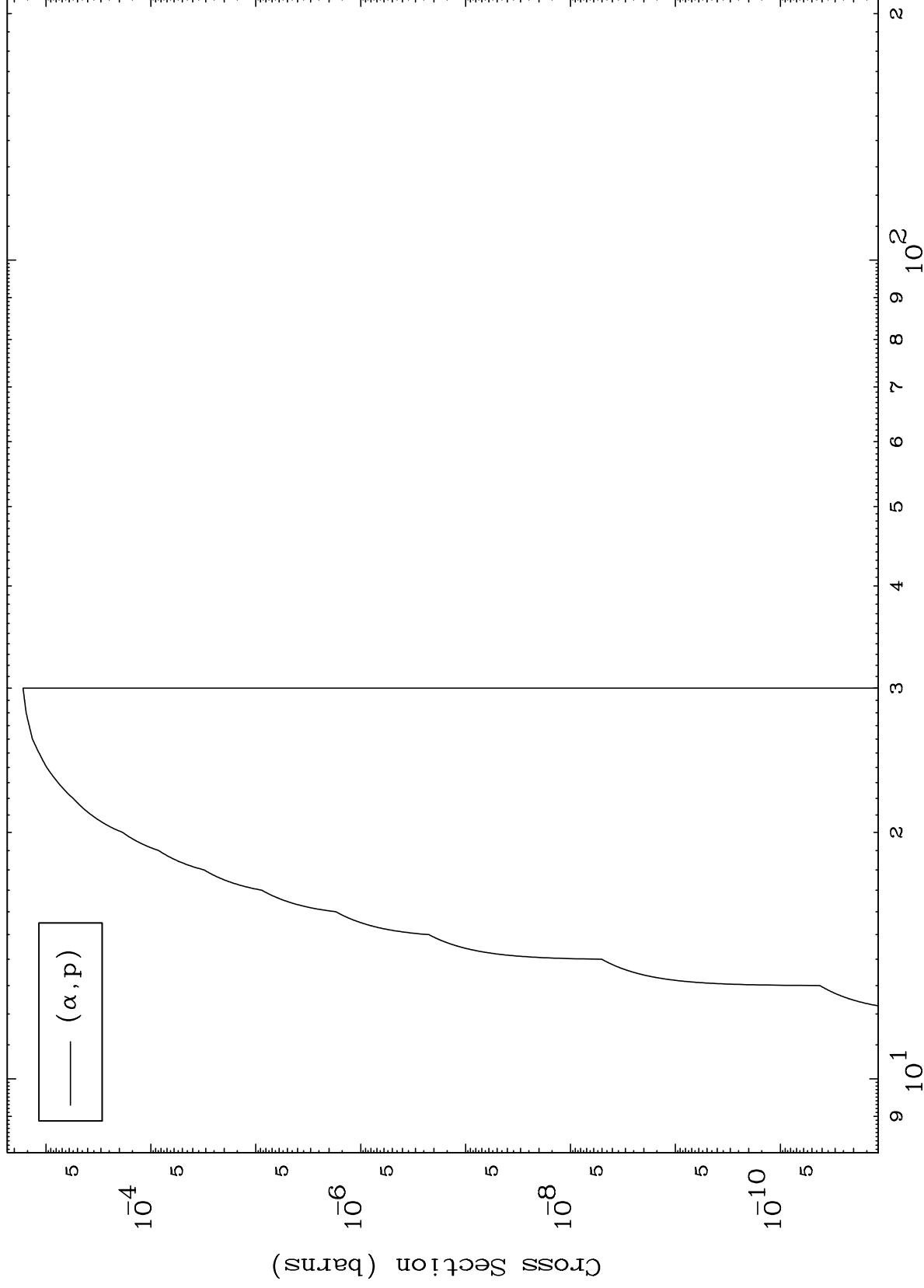
Incident Energy (MeV)

64-Gd-163

MAT 6458

64-Gd-163

(α ,p) Levels
0 Kelvin Cross Sections



6

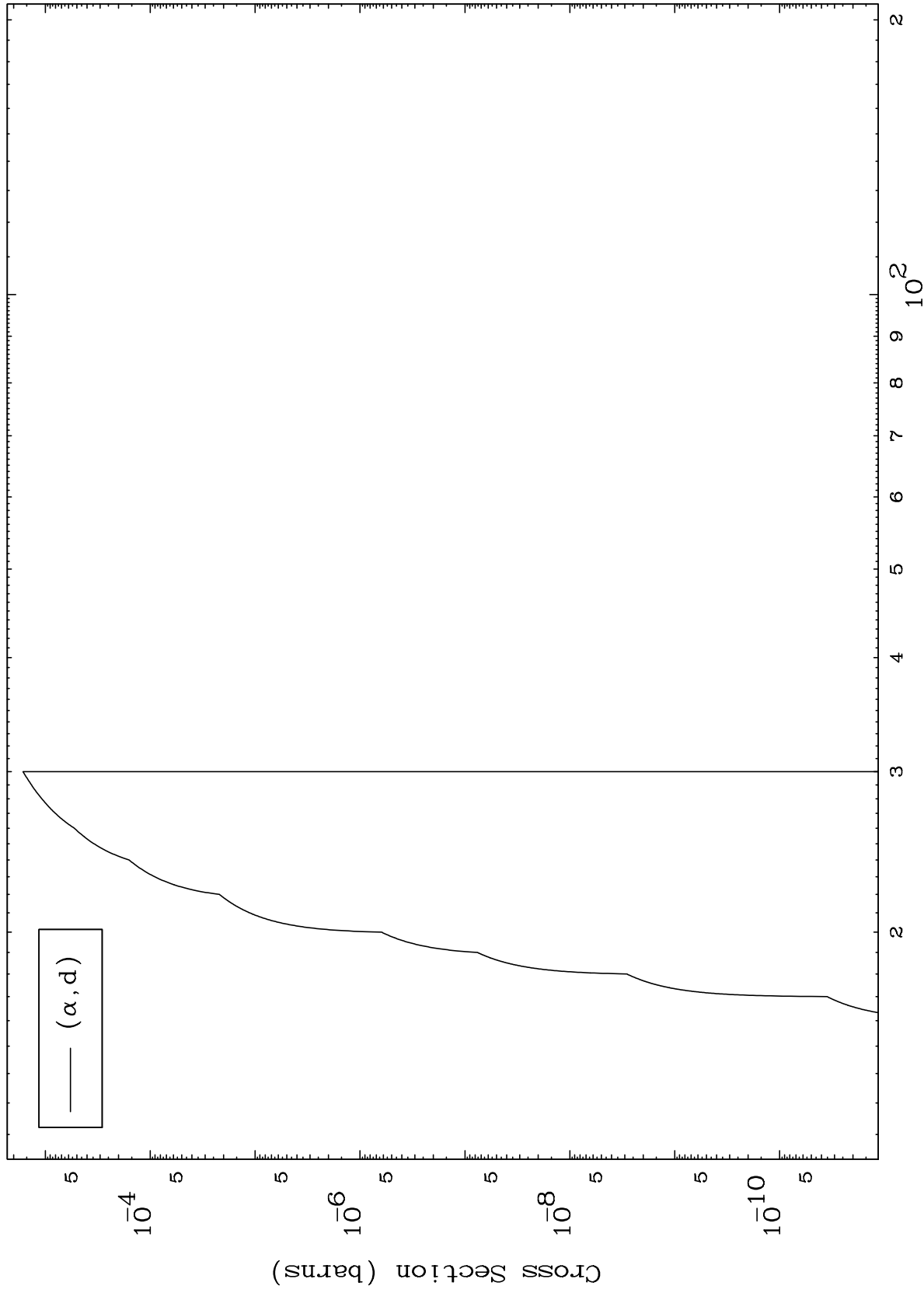
Incident Energy (MeV)

64-Gd-163

MAT 6458

64-Gd-163

(α ,d) Levels
0 Kelvin Cross Sections



7

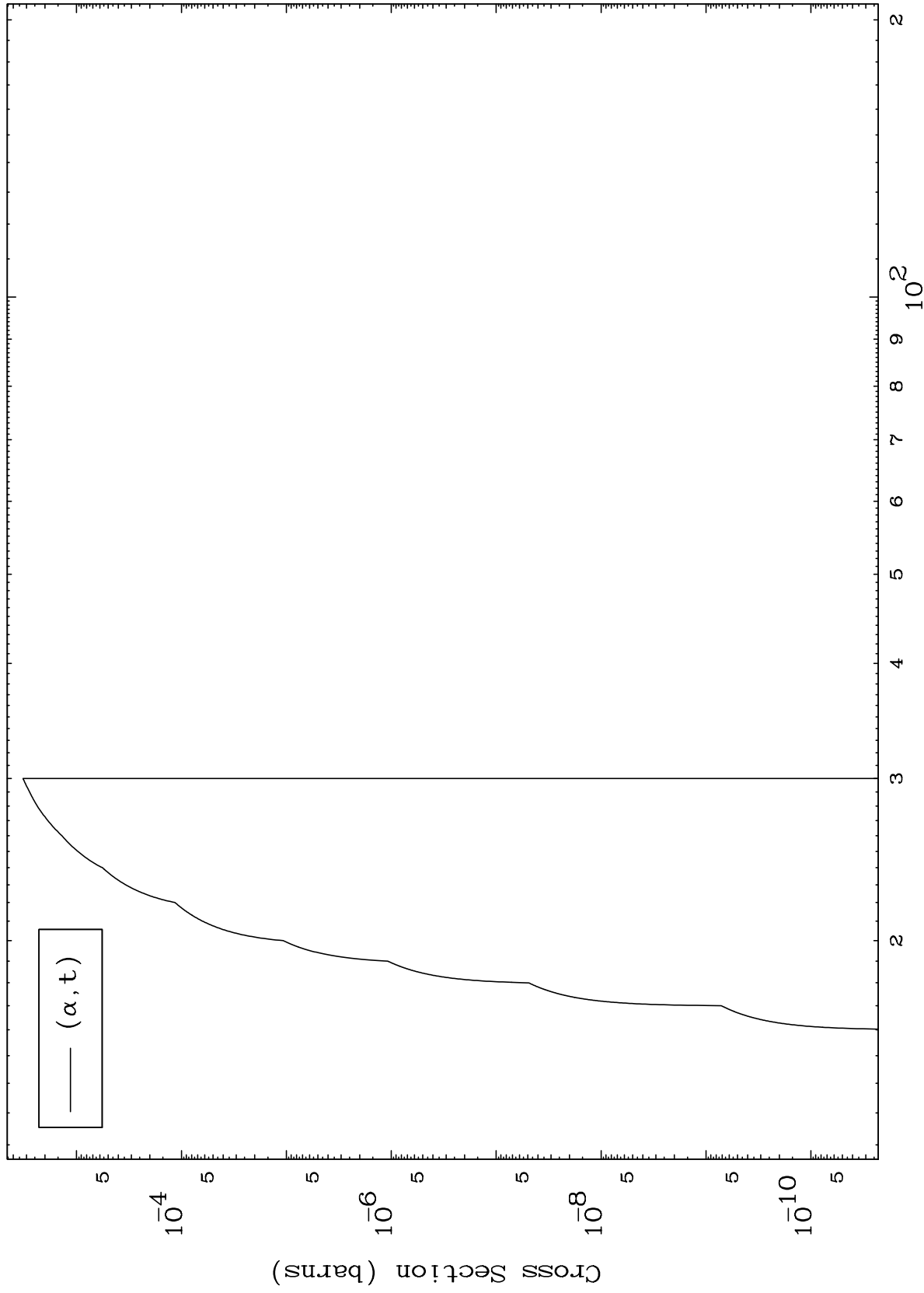
64-Gd-163

Incident Energy (MeV)

MAT 6458

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-163

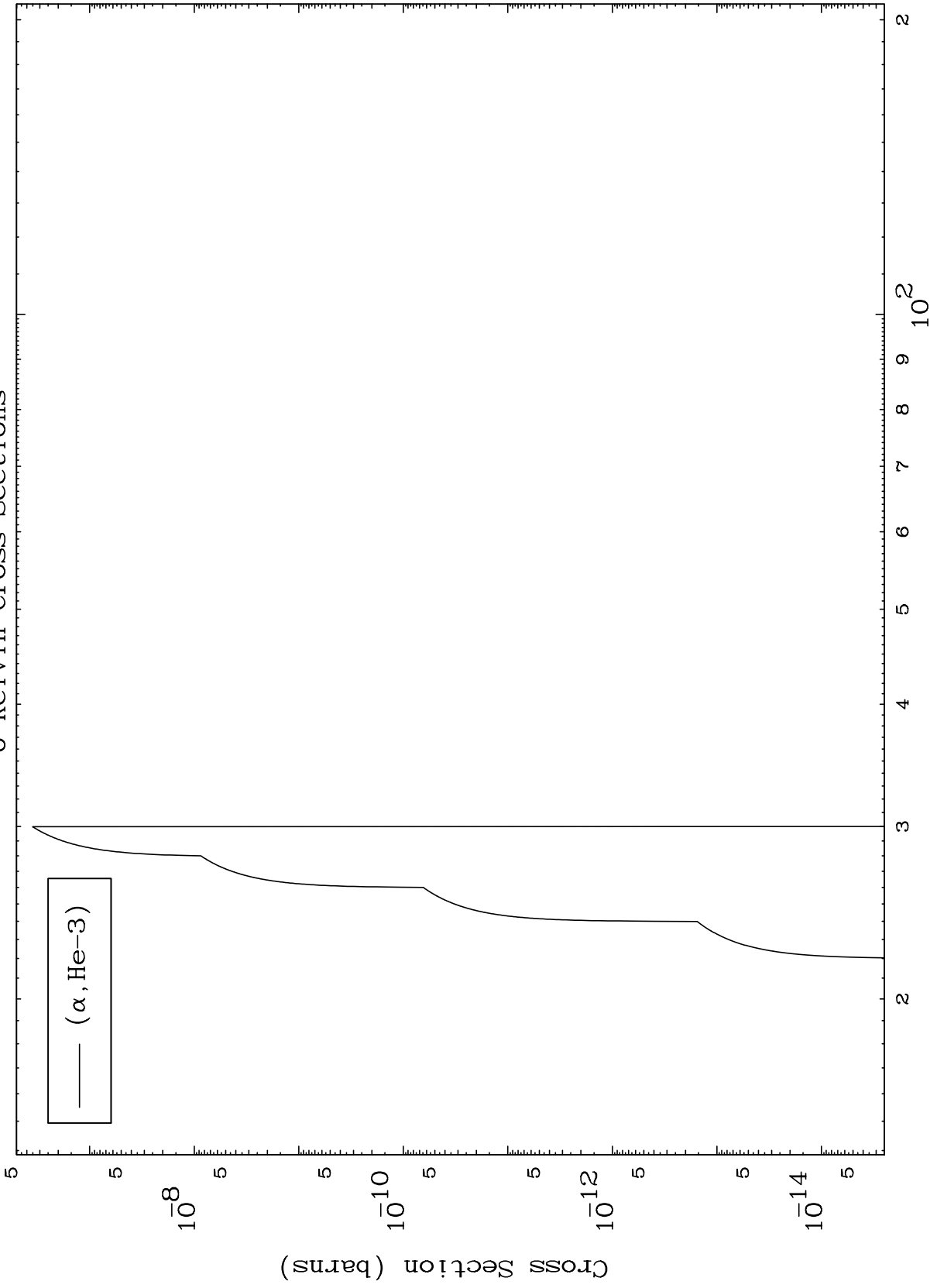


8

Incident Energy (MeV)

64-Gd-163

(α ,He3) Levels
0 Kelvin Cross Sections

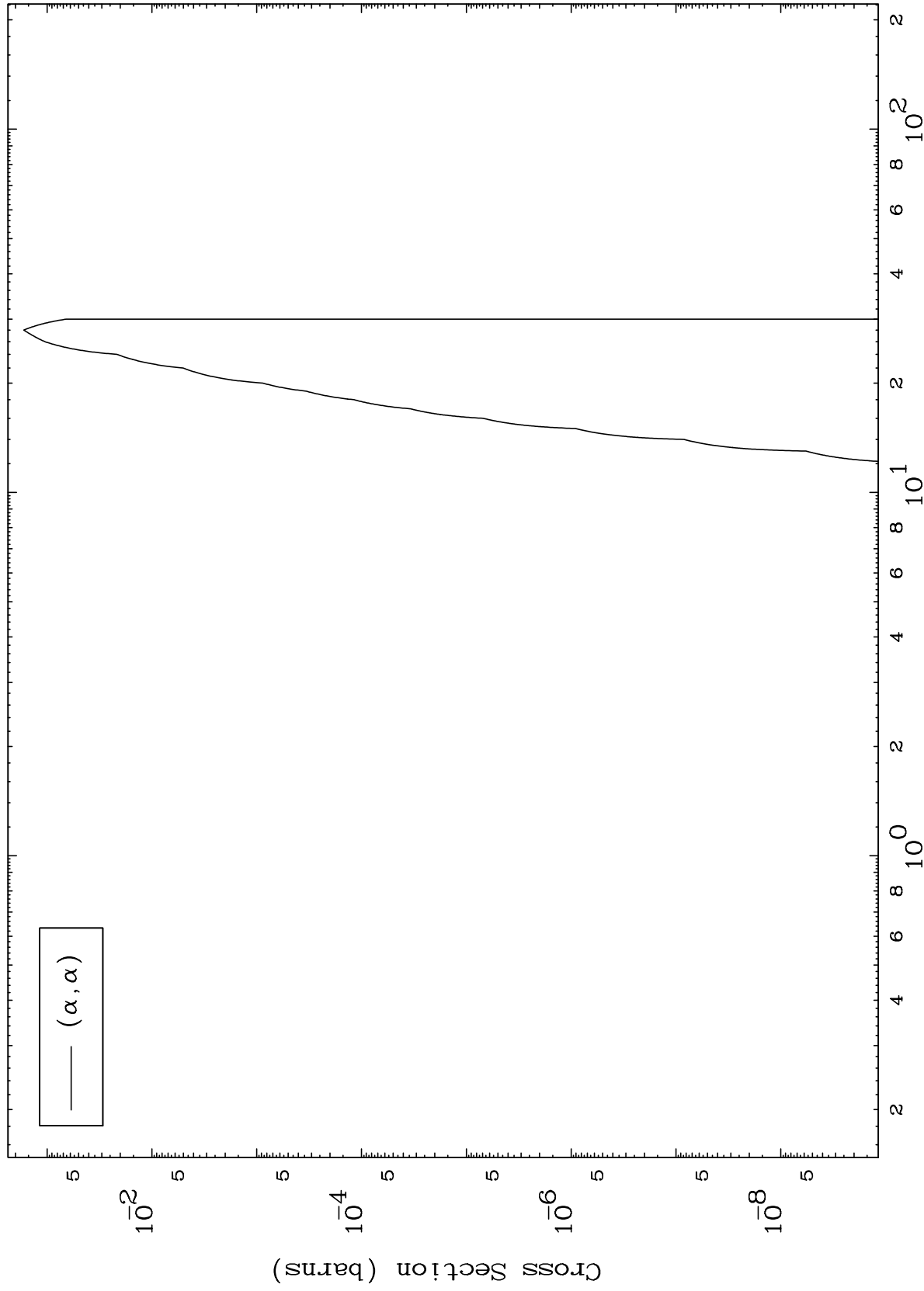


MAT 6458

(α, α) Levels

64-Gd-163

0 Kelvin Cross Sections



10

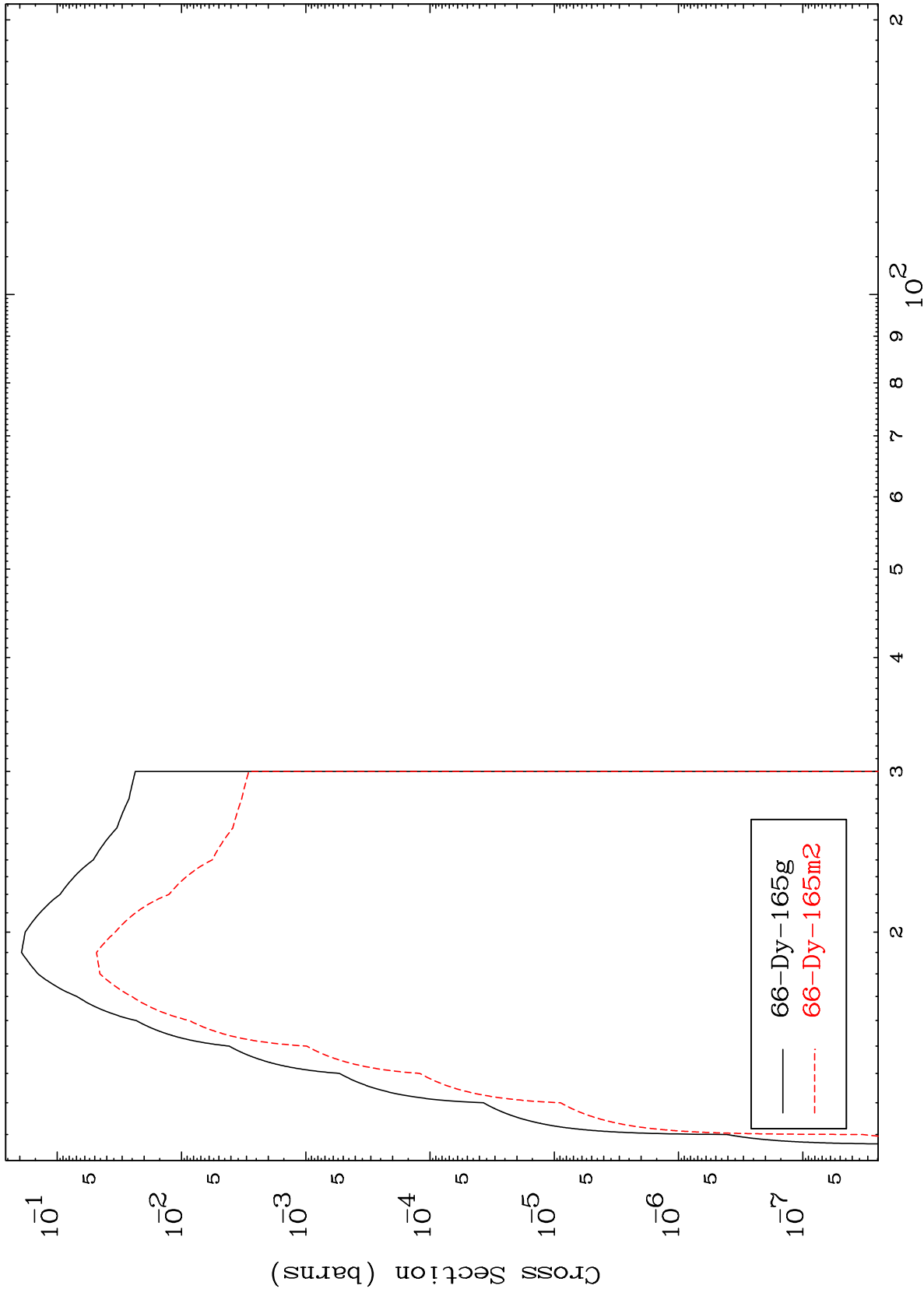
Incident Energy (MeV)

64-Gd-163

MAT 6458

64-Gd-163

Radionuclide Production Cross Section
($\alpha, 2n$)



11

Incident Energy (MeV)

64-Gd-163