

Program EVALPLOT
(Version 2018-1)

by

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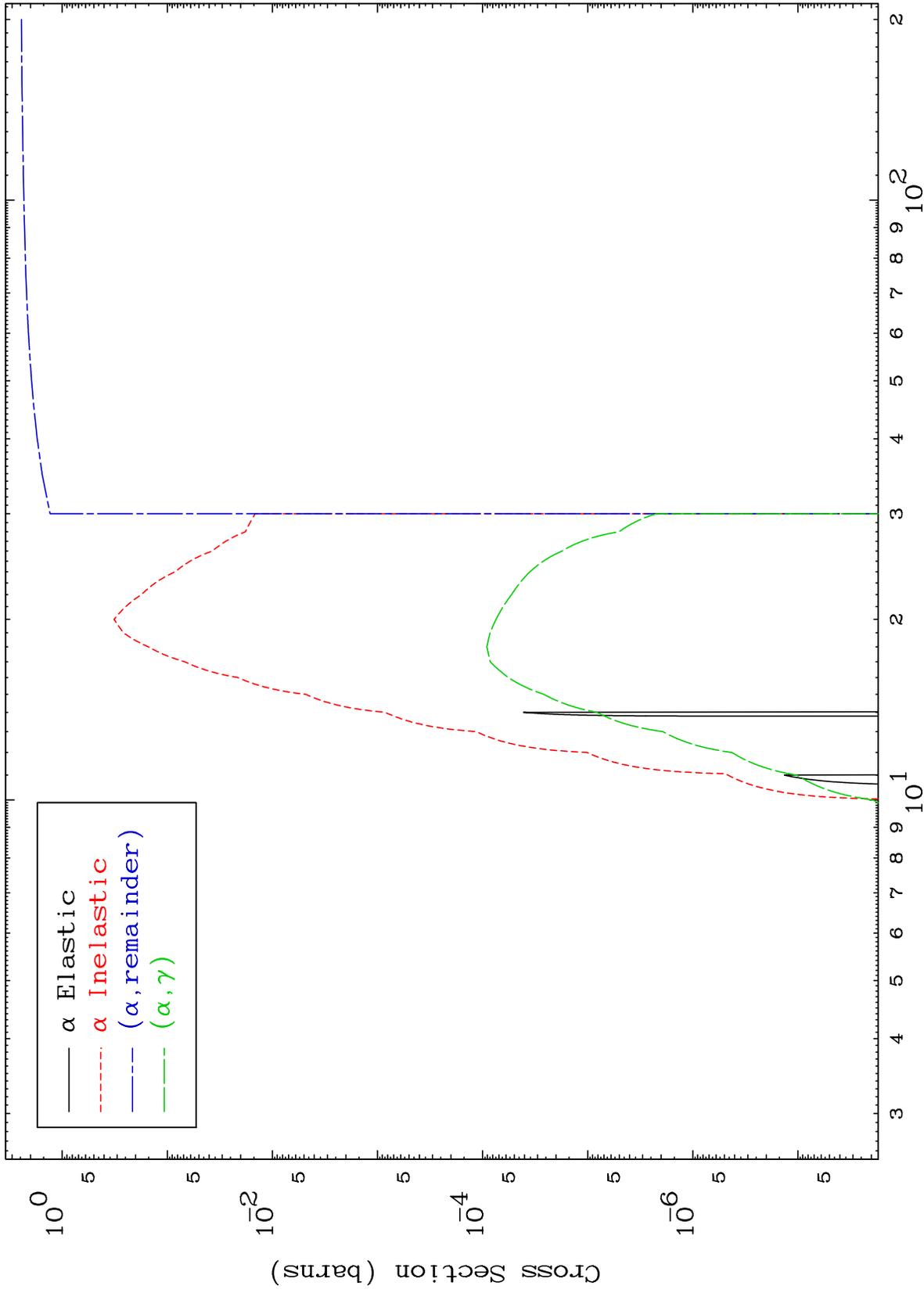
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6422

0 Kelvin α Major
Cross Sections

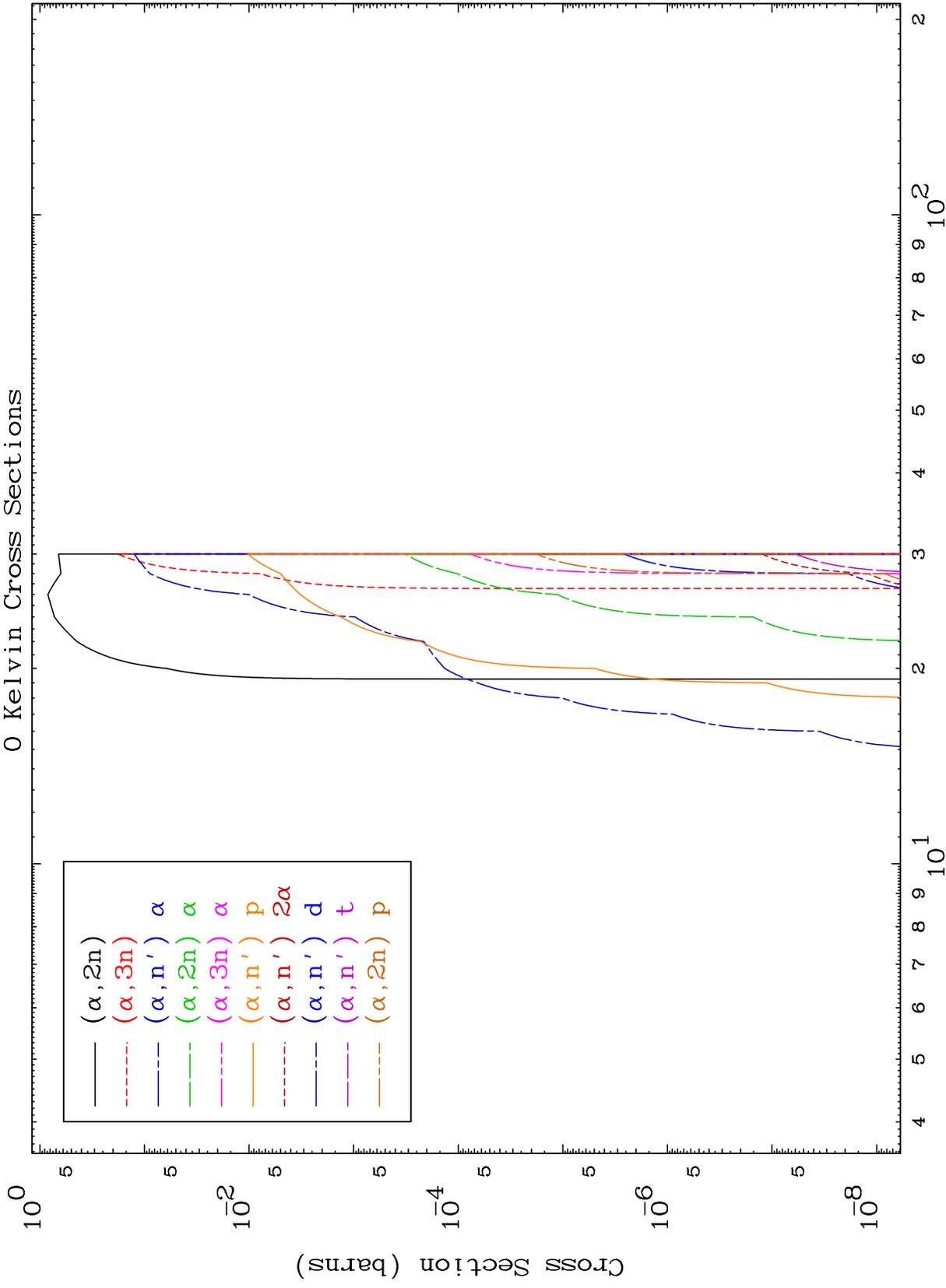
64-Gd-151



MAT 6422

α Neutron Production
0 Kelvin Cross Sections

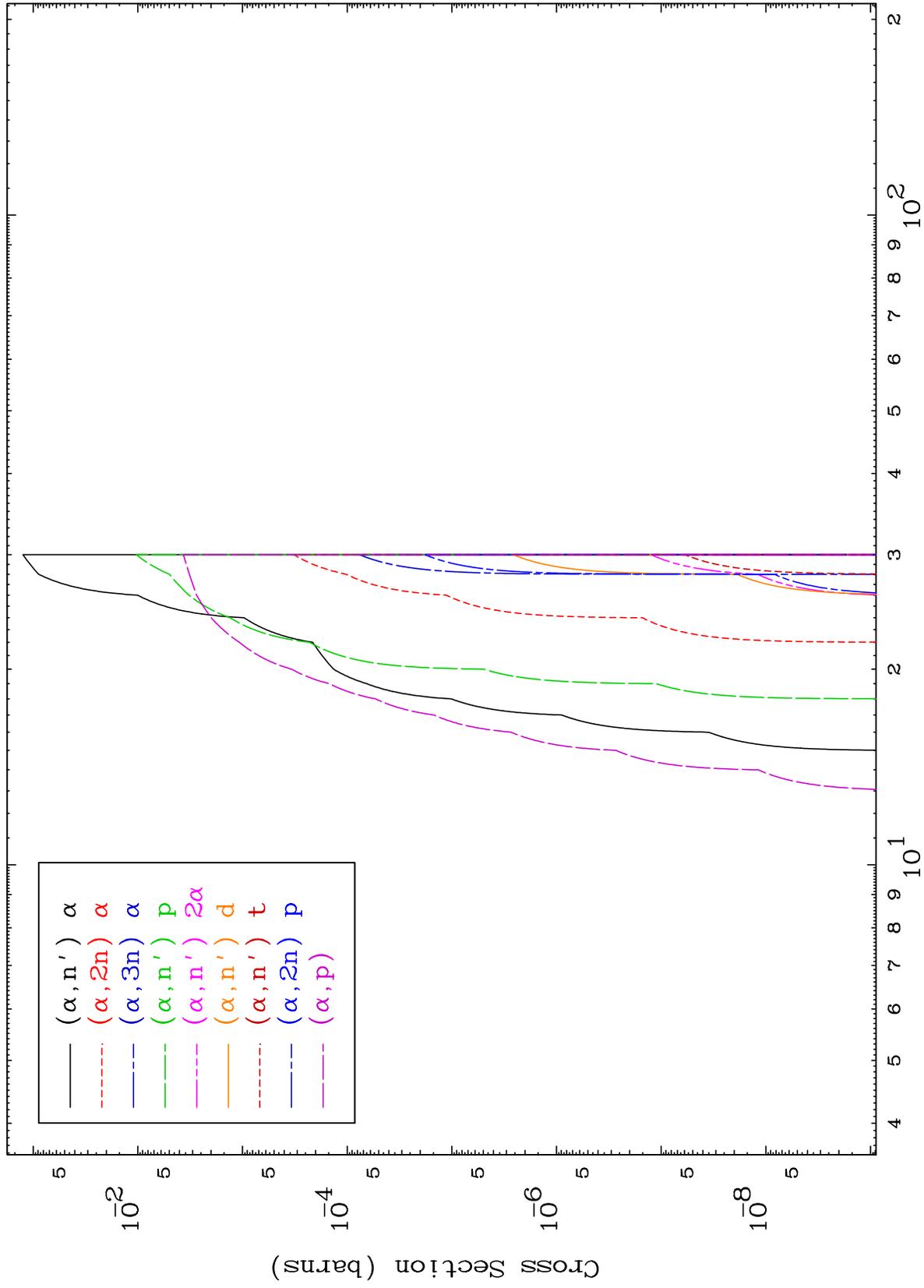
64-Gd-151



2

Incident Energy (MeV)

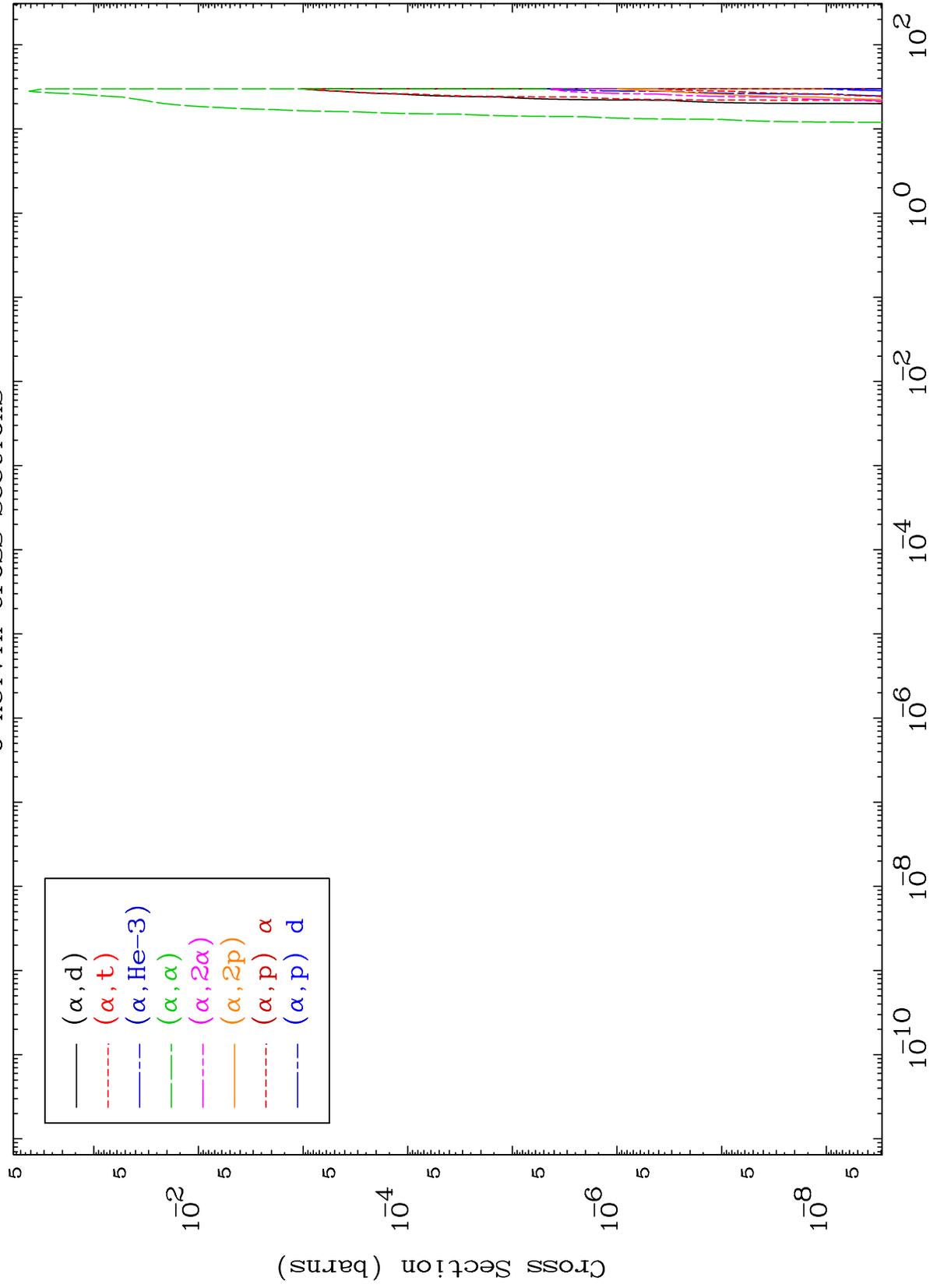
64-Gd-151



MAT 6422

α Charged Particle
0 Kelvin Cross Sections

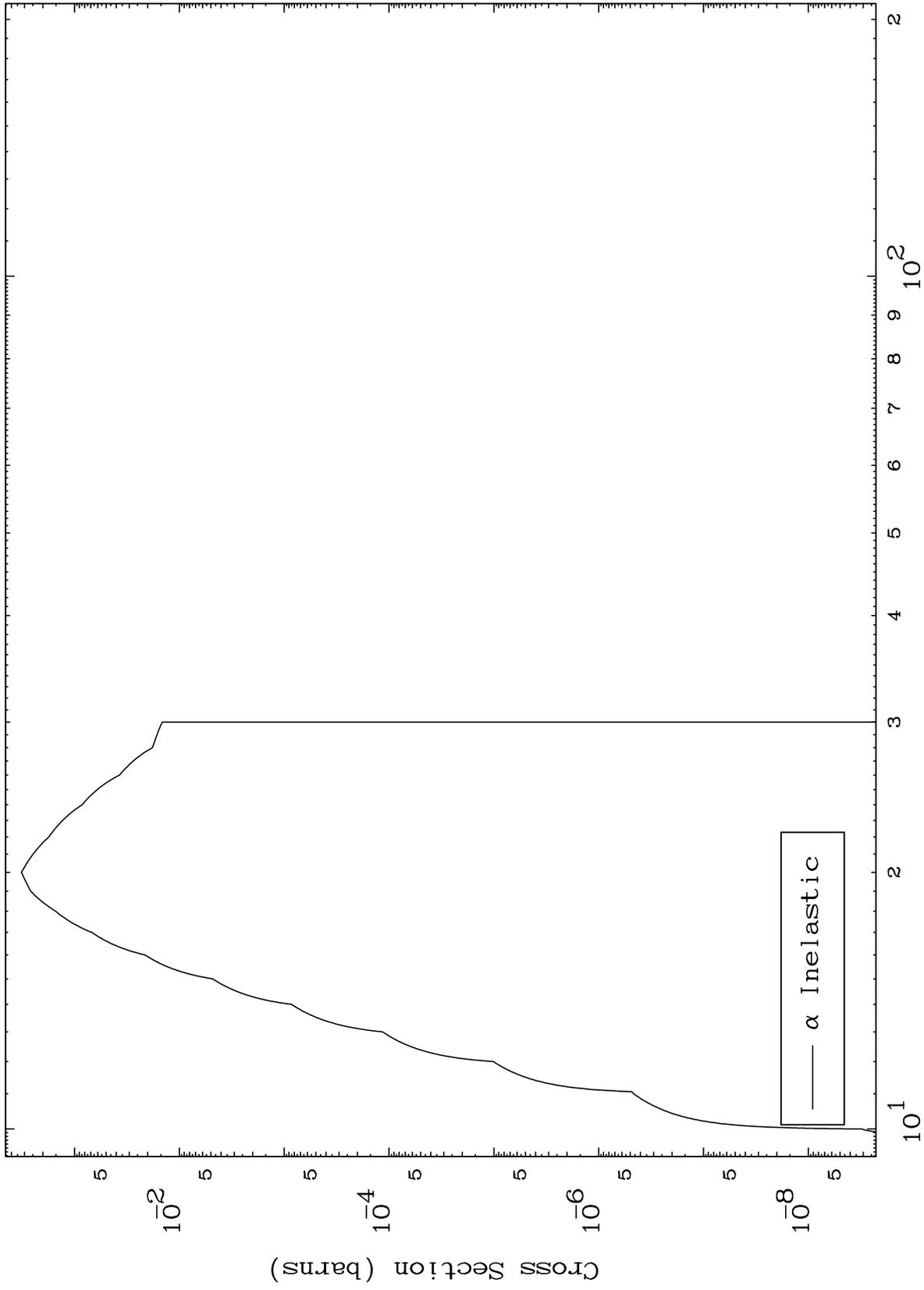
64-Gd-151



MAT 6422

(α, n') Level
0 Kelvin Cross Sections

64-Gd-151



64-Gd-151

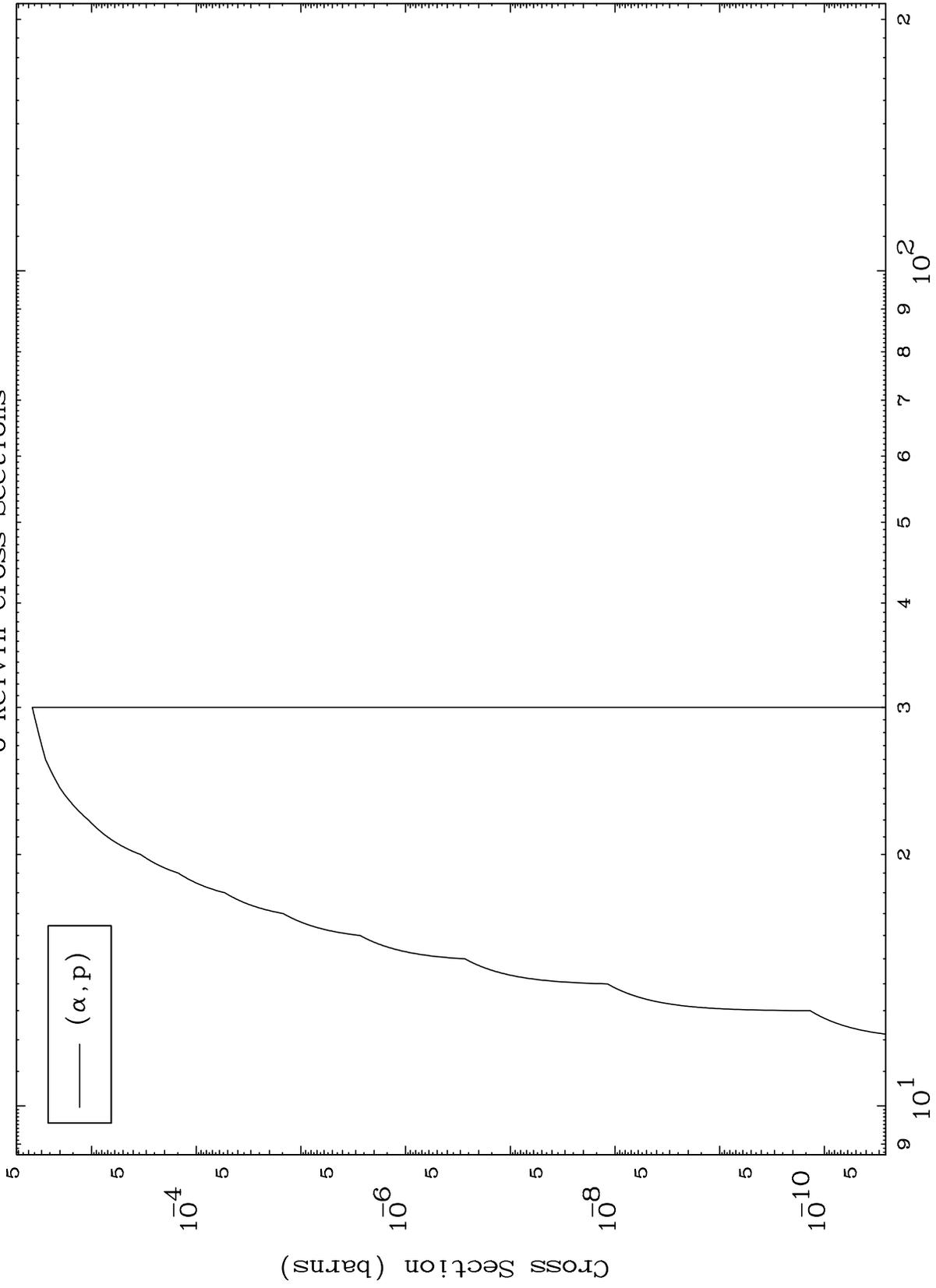
Incident Energy (MeV)

5

MAT 6422

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-151



6

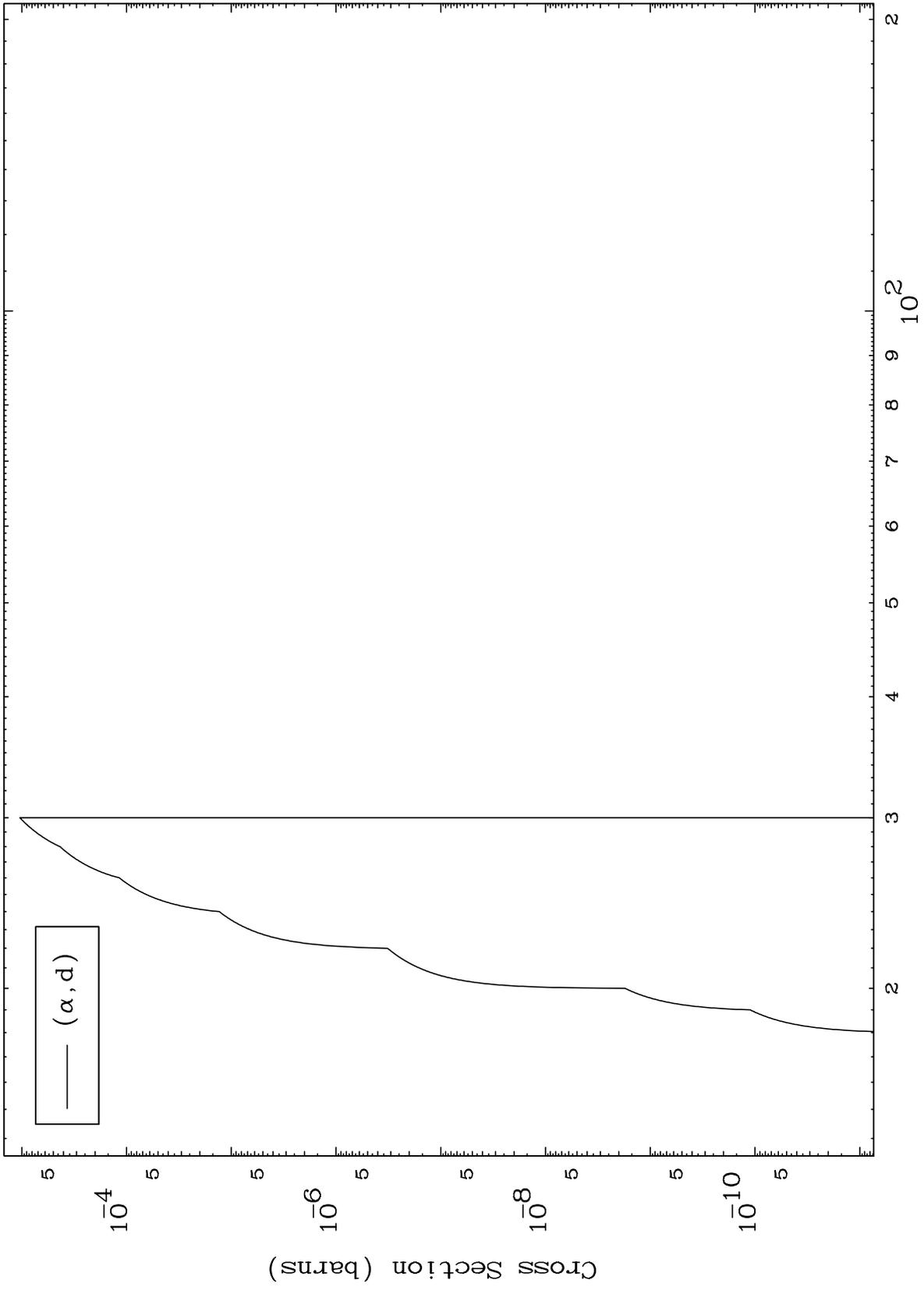
Incident Energy (MeV)

64-Gd-151

MAT 6422

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-151



7

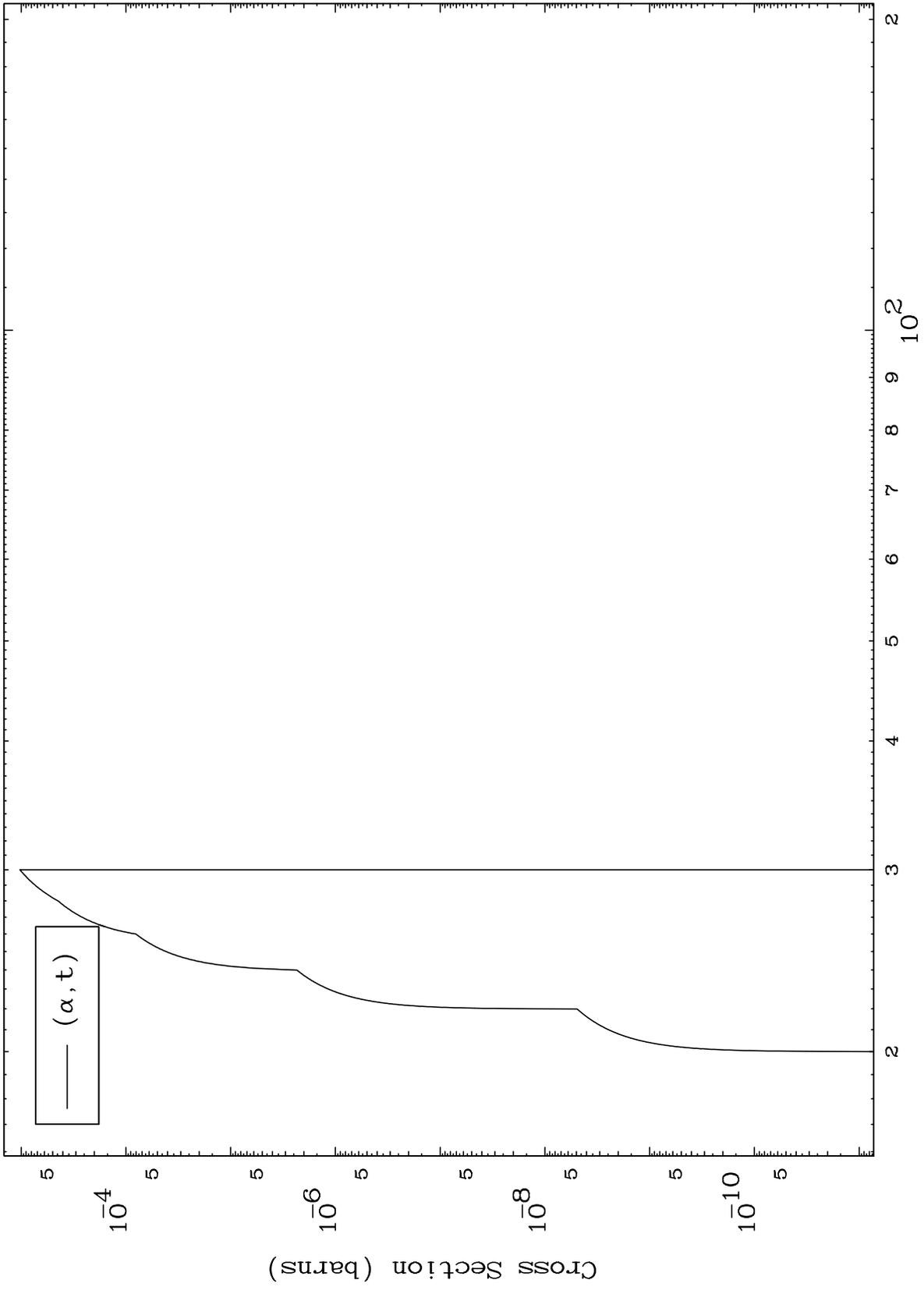
Incident Energy (MeV)

64-Gd-151

MAT 6422

(α, t) Levels
0 Kelvin Cross Sections

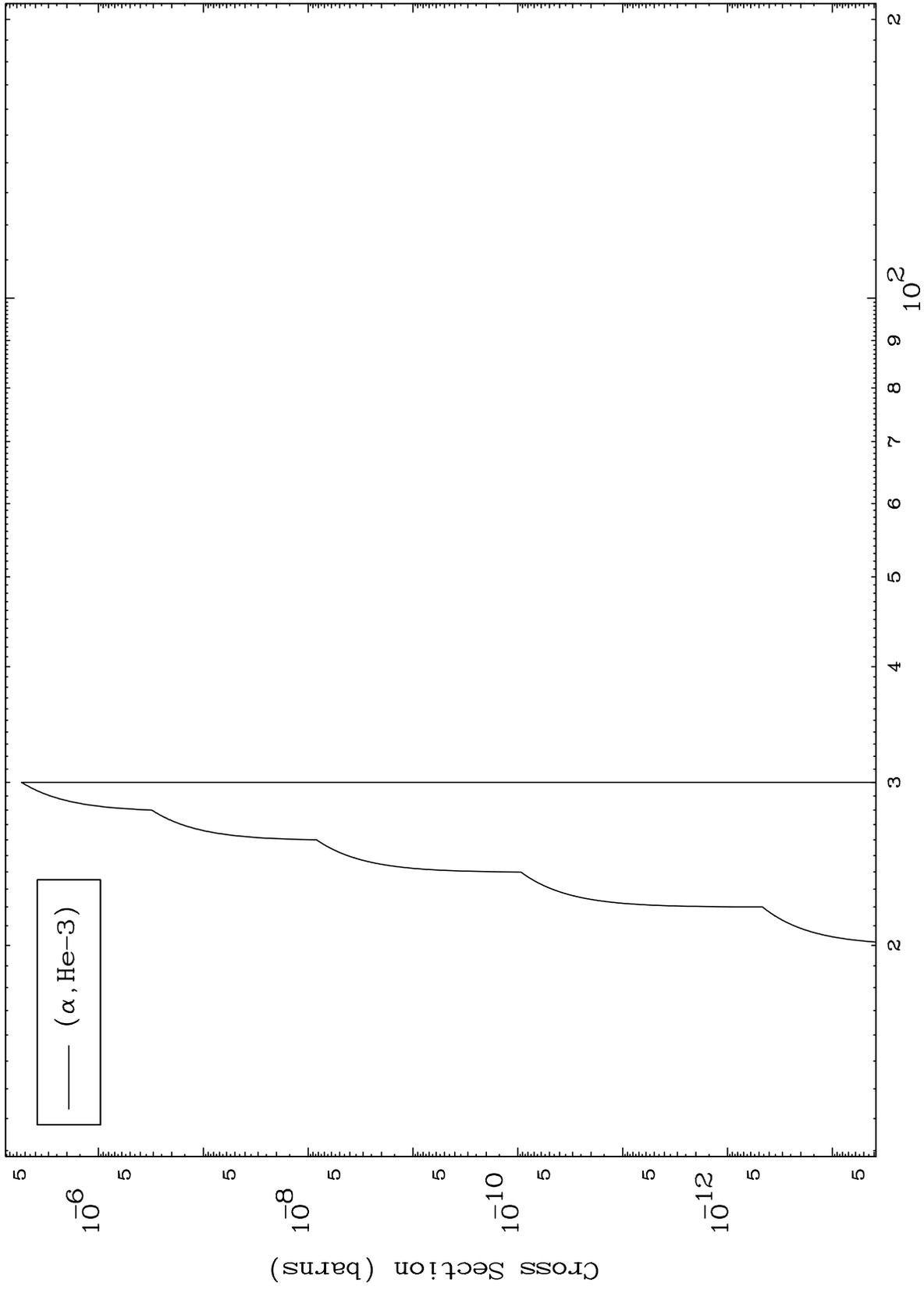
64-Gd-151



8

Incident Energy (MeV)

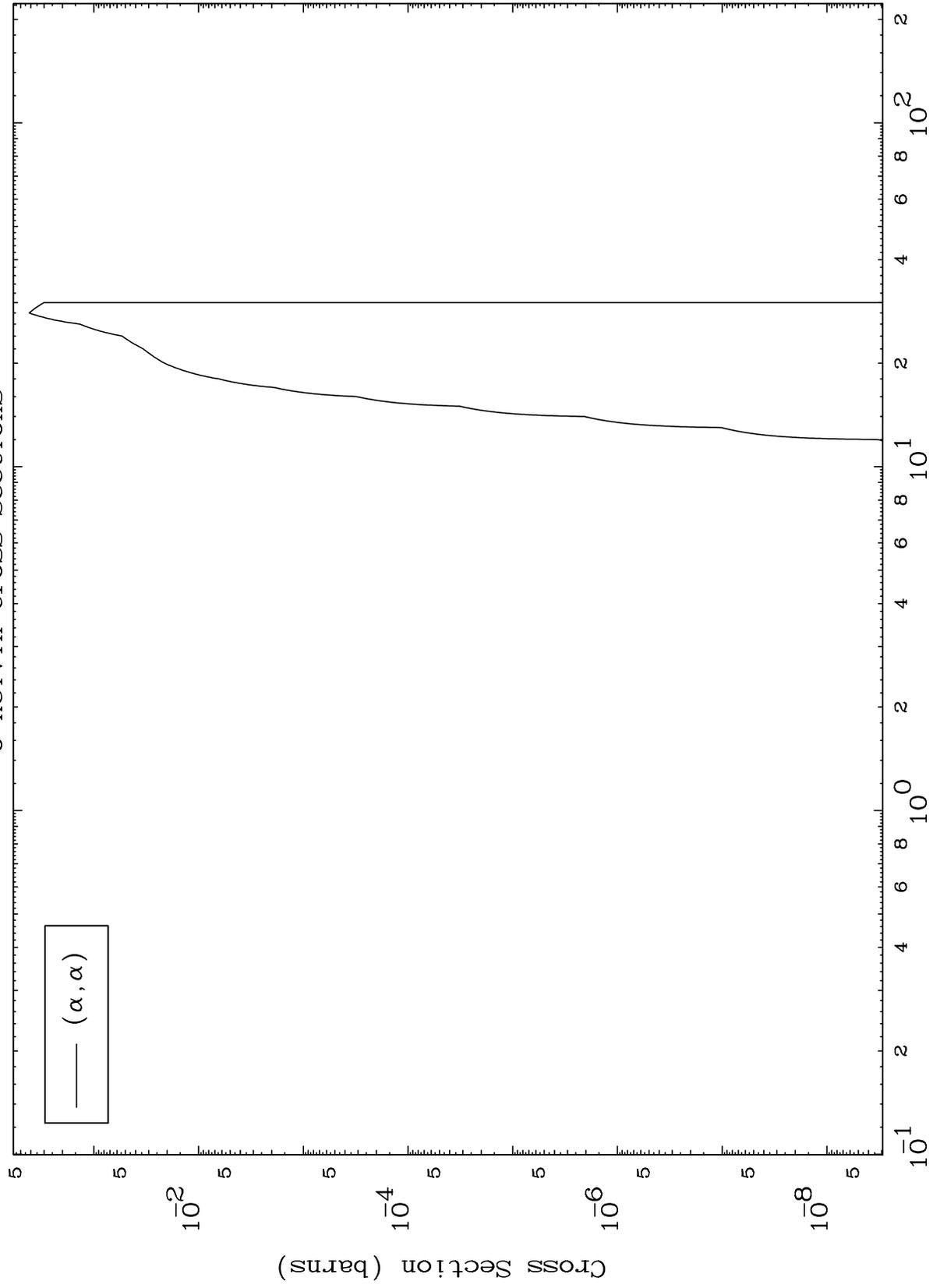
64-Gd-151



MAT 6422

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-151



10

Incident Energy (MeV)

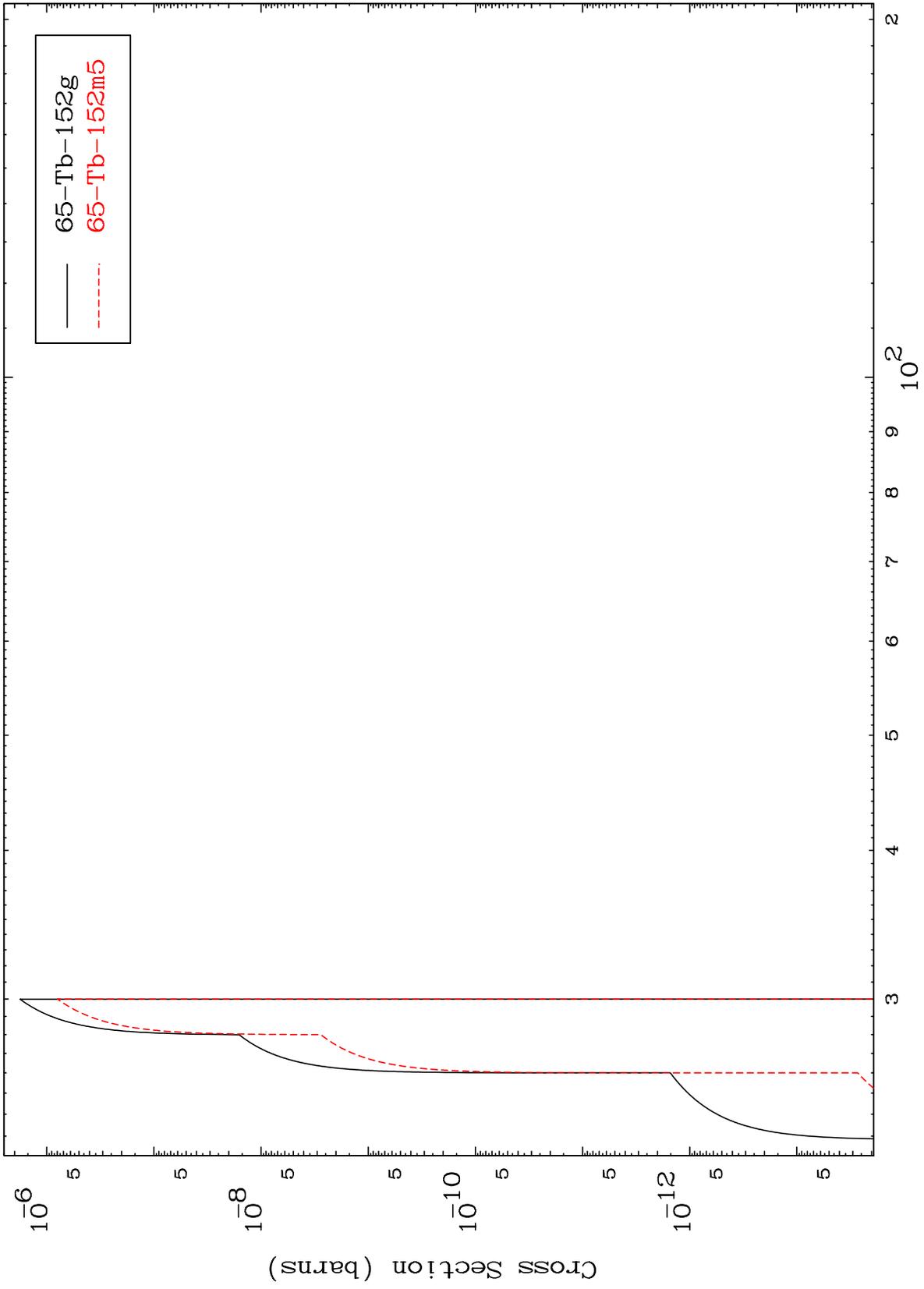
64-Gd-151

MAT 6422

(α, n') d

64-Gd-151

Radionuclide Production Cross Section



11

Incident Energy (MeV)

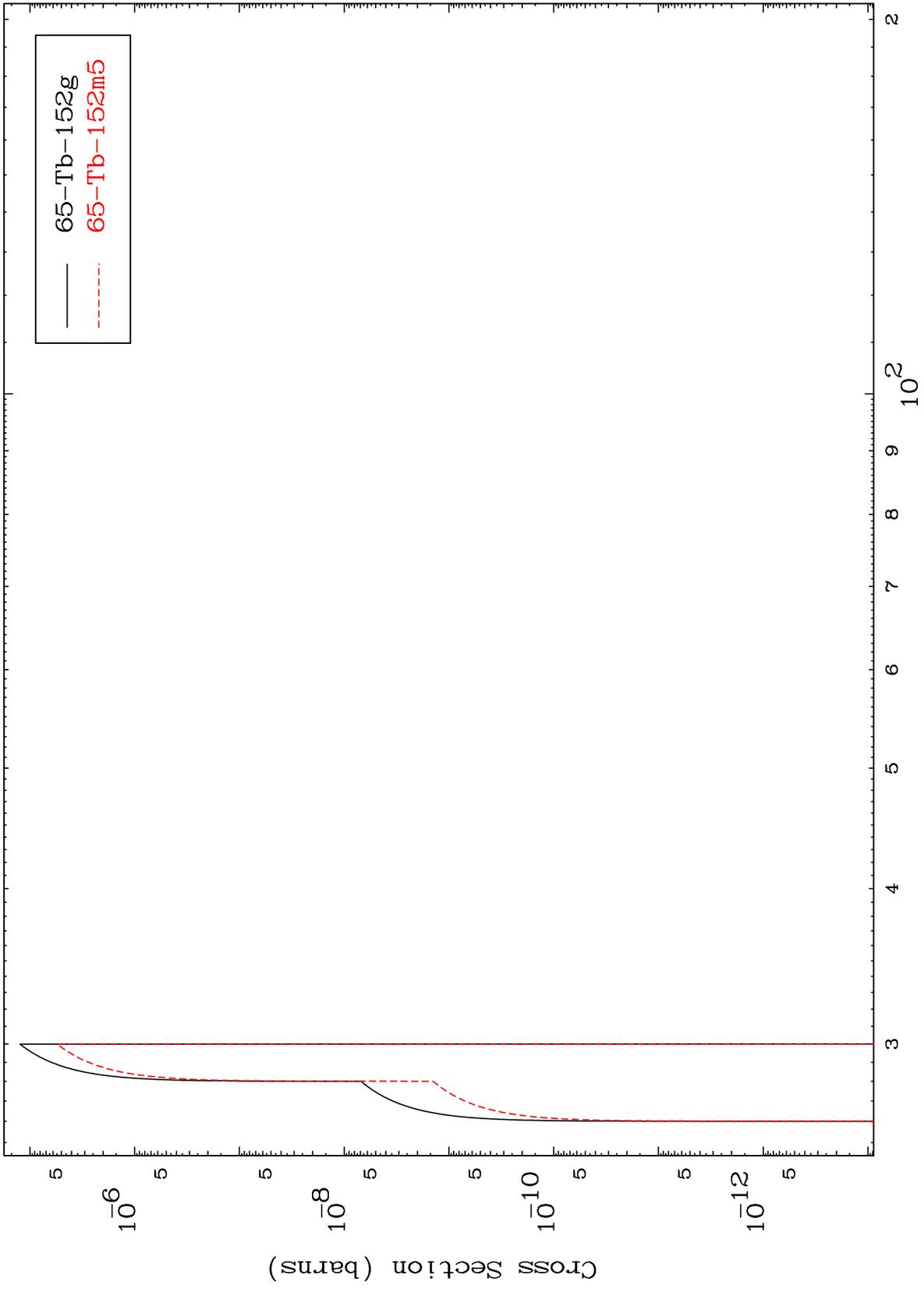
64-Gd-151

MAT 6422

($\alpha, 2n$) p

64-Gd-151

Radionuclide Production Cross Section



13

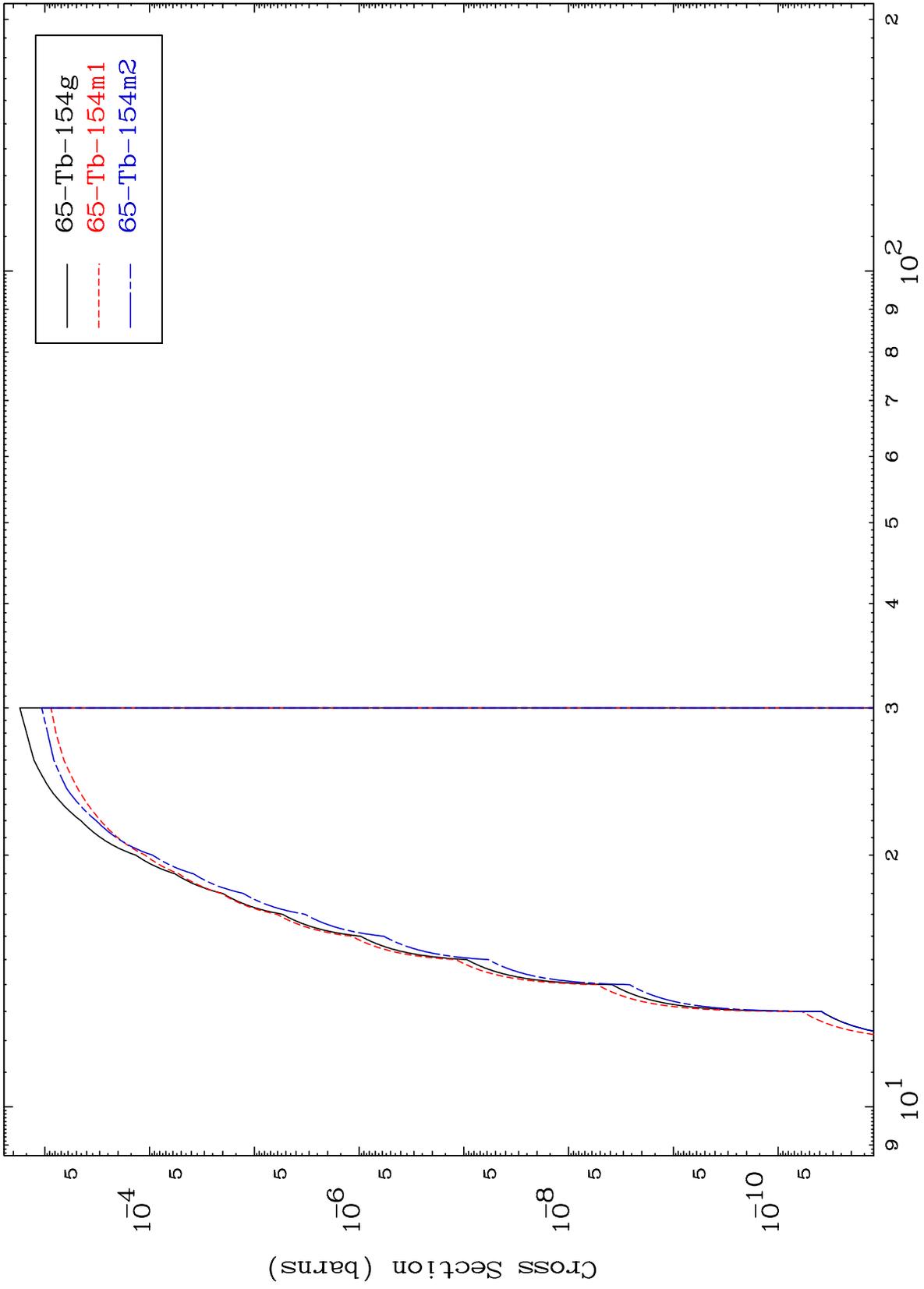
Incident Energy (MeV)

64-Gd-151

MAT 6422

64-Gd-151

Radionuclide Production Cross Section
(α, p)



64-Gd-151

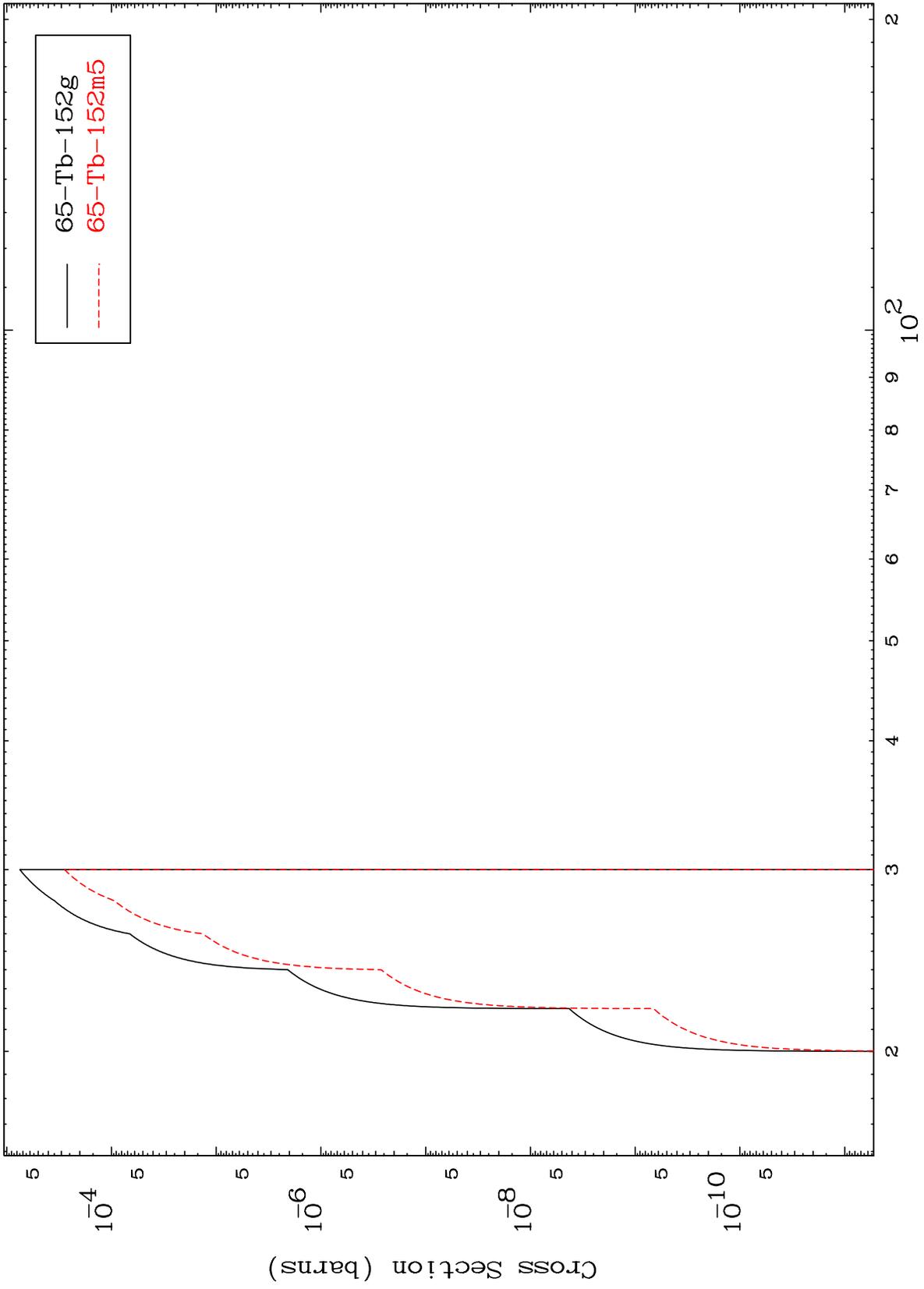
Incident Energy (MeV)

14

MAT 6422

64-Gd-151

(α, t)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

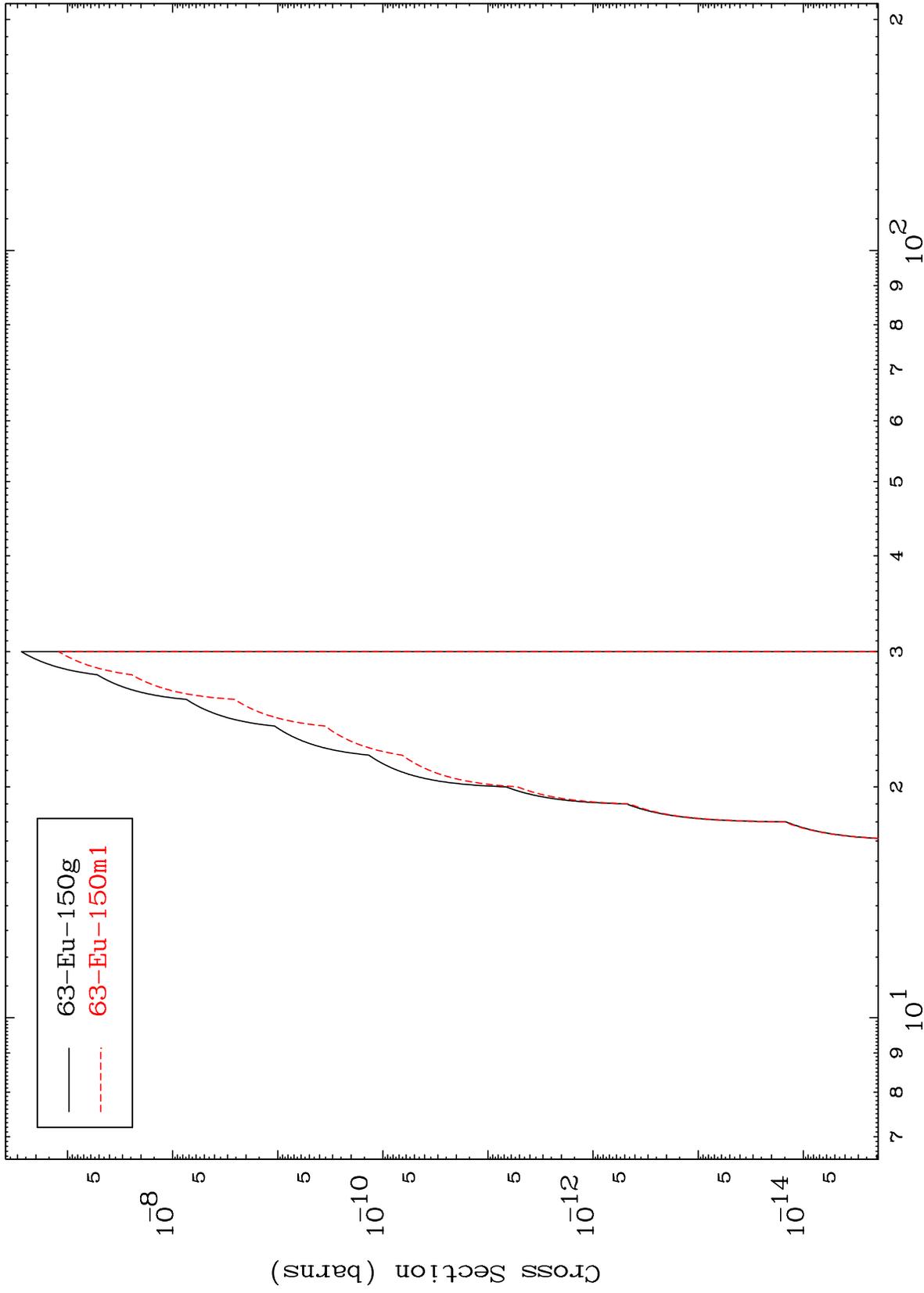
64-Gd-151

MAT 6422

(α, p) α

64-Gd-151

Radionuclide Production Cross Section



16

Incident Energy (MeV)

64-Gd-151