

Program EVALPLOT
(Version 2018-1)

by

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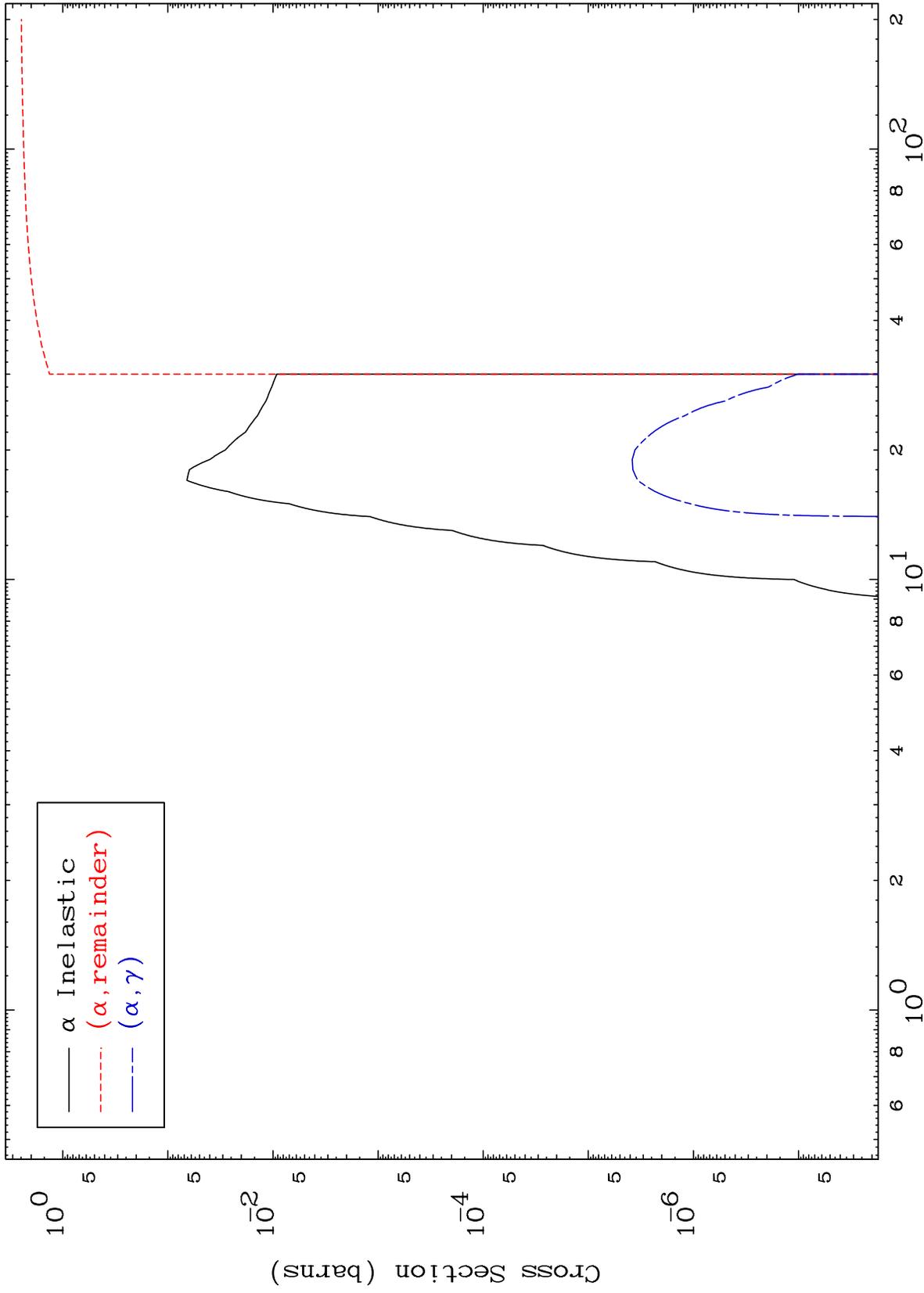
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6434

0 Kelvin α Major
Cross Sections

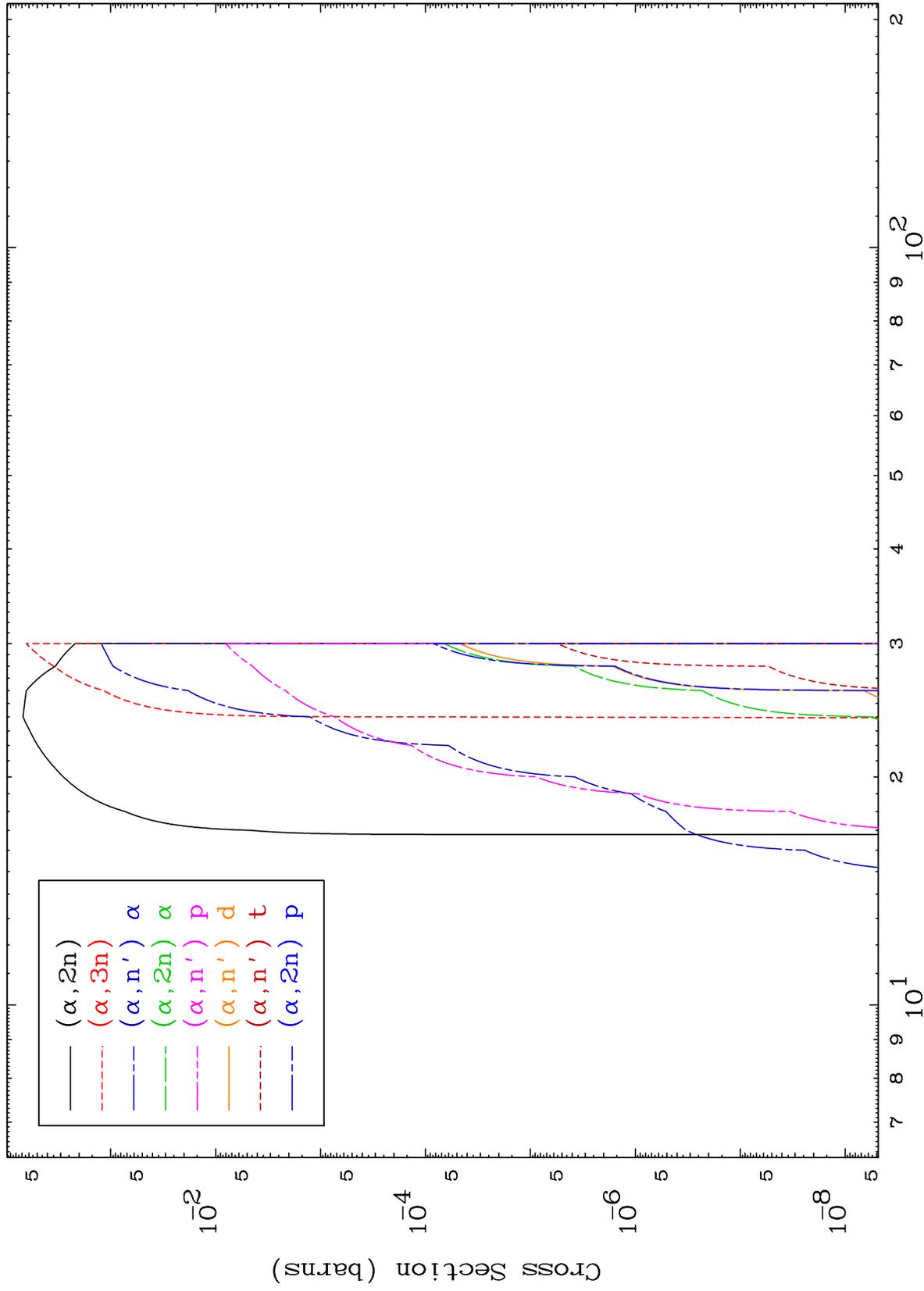
64-Gd-155



MAT 6434

α Neutron Production
0 Kelvin Cross Sections

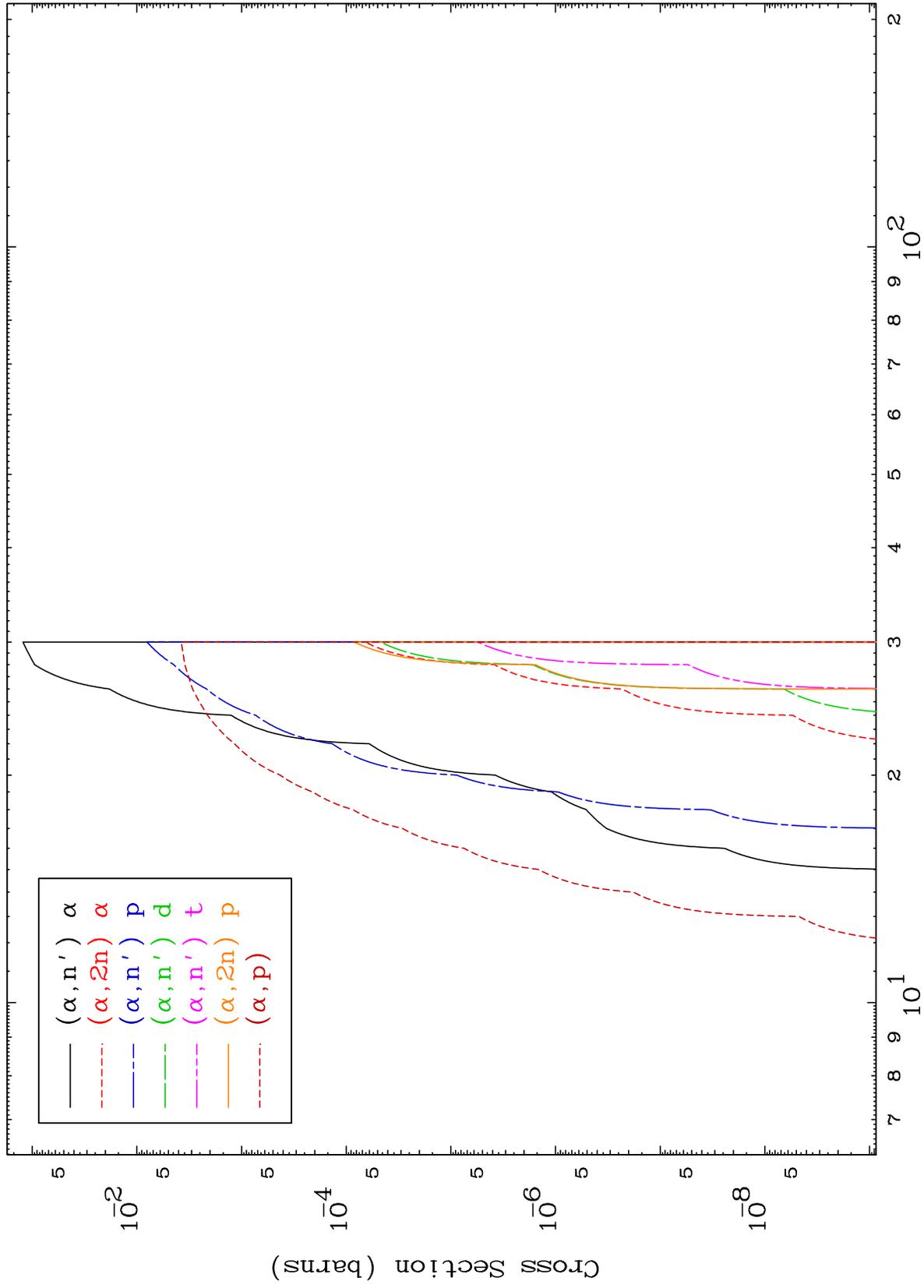
64-Gd-155



2

Incident Energy (MeV)

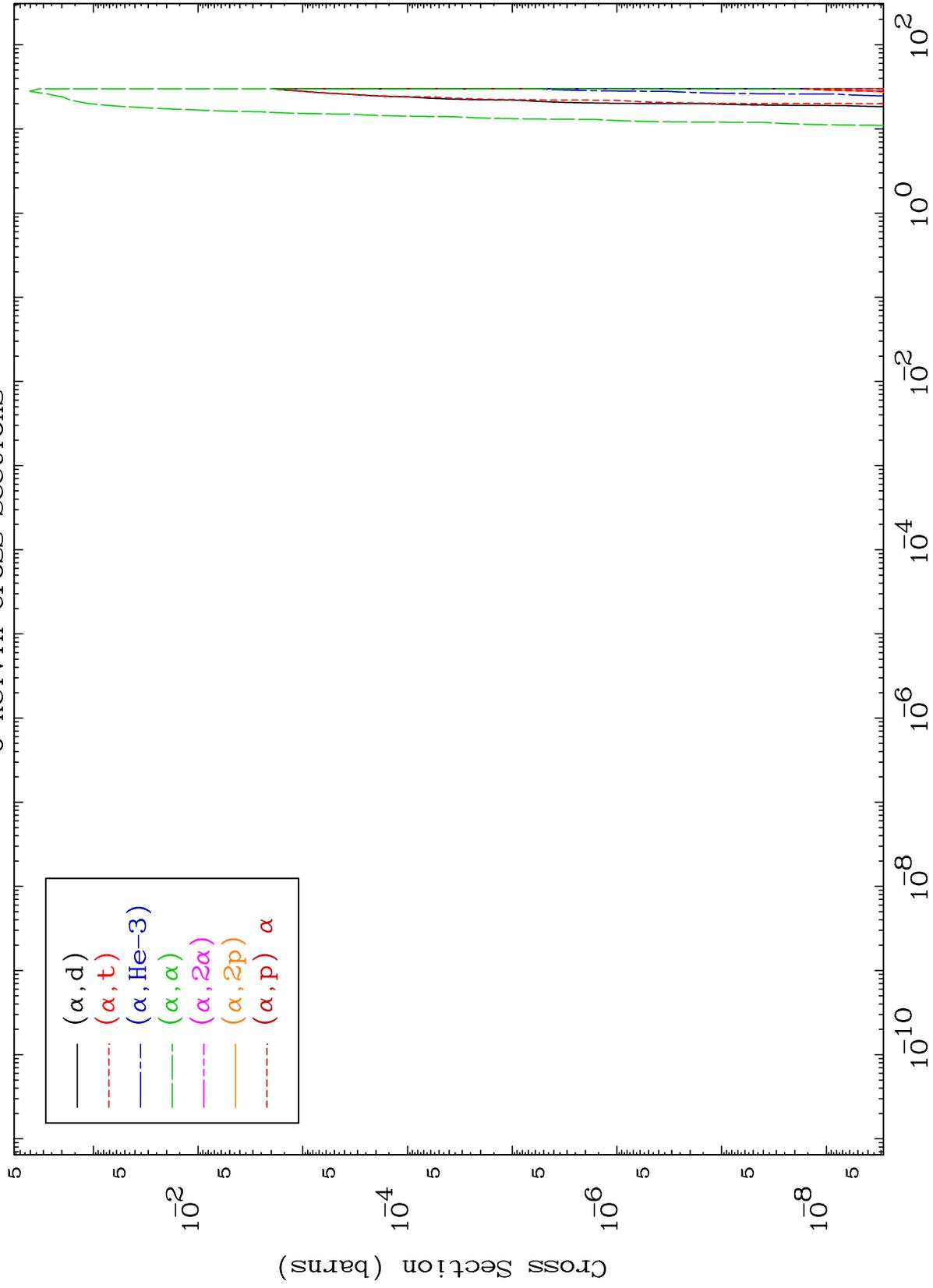
64-Gd-155



MAT 6434

α Charged Particle
0 Kelvin Cross Sections

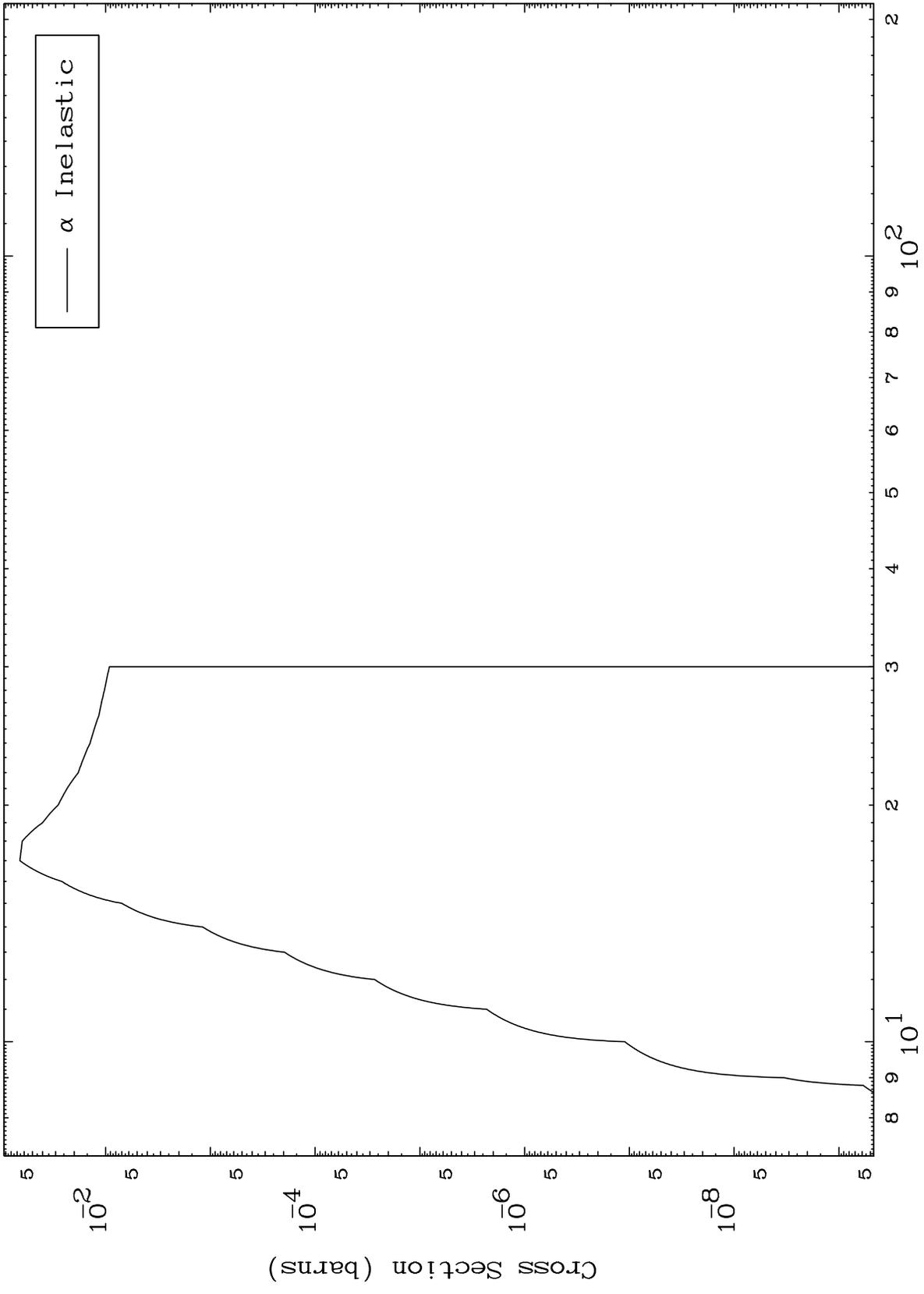
64-Gd-155



MAT 6434

(α, n') Level
0 Kelvin Cross Sections

64-Gd-155



5

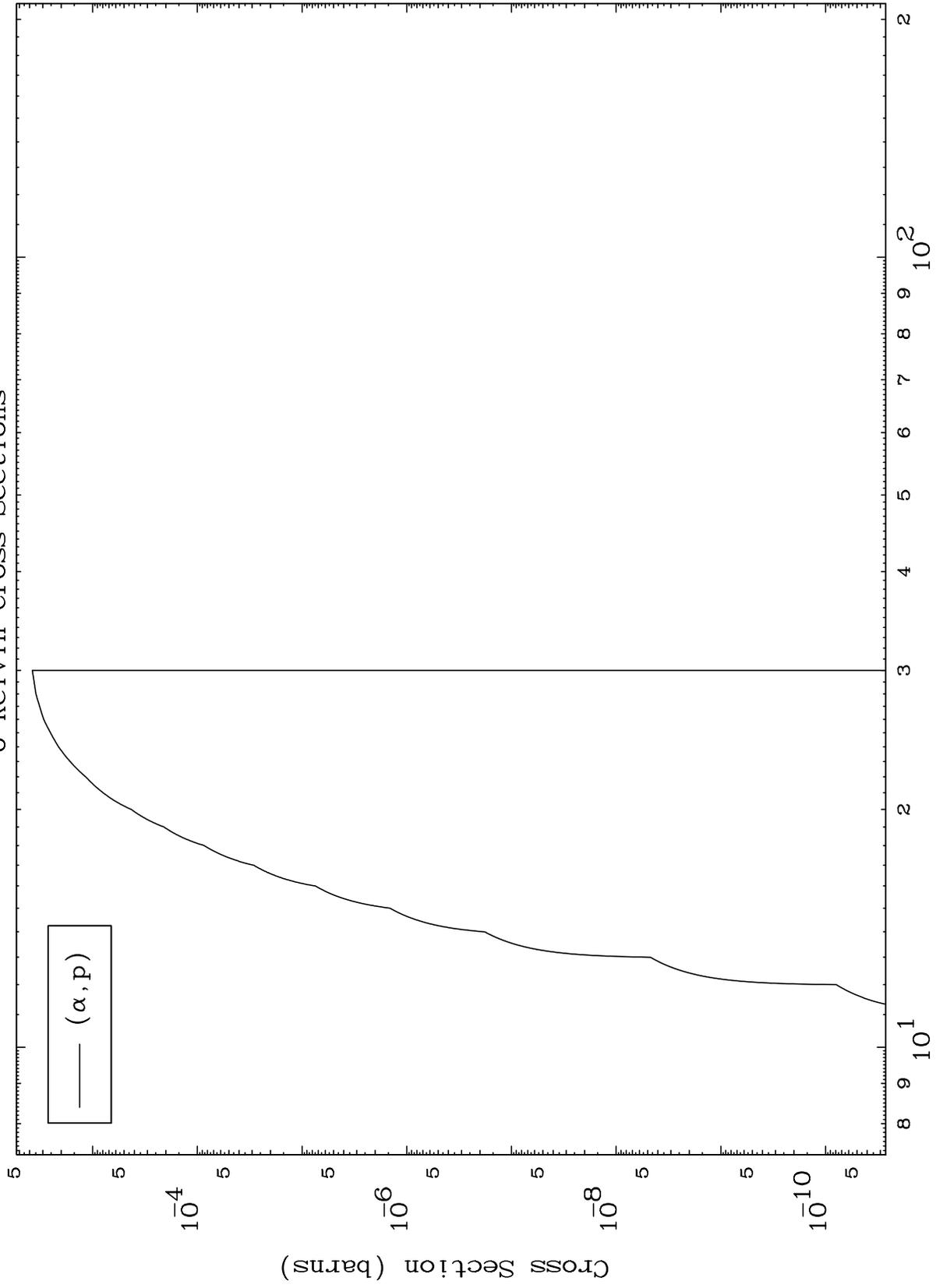
Incident Energy (MeV)

64-Gd-155

MAT 6434

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-155



6

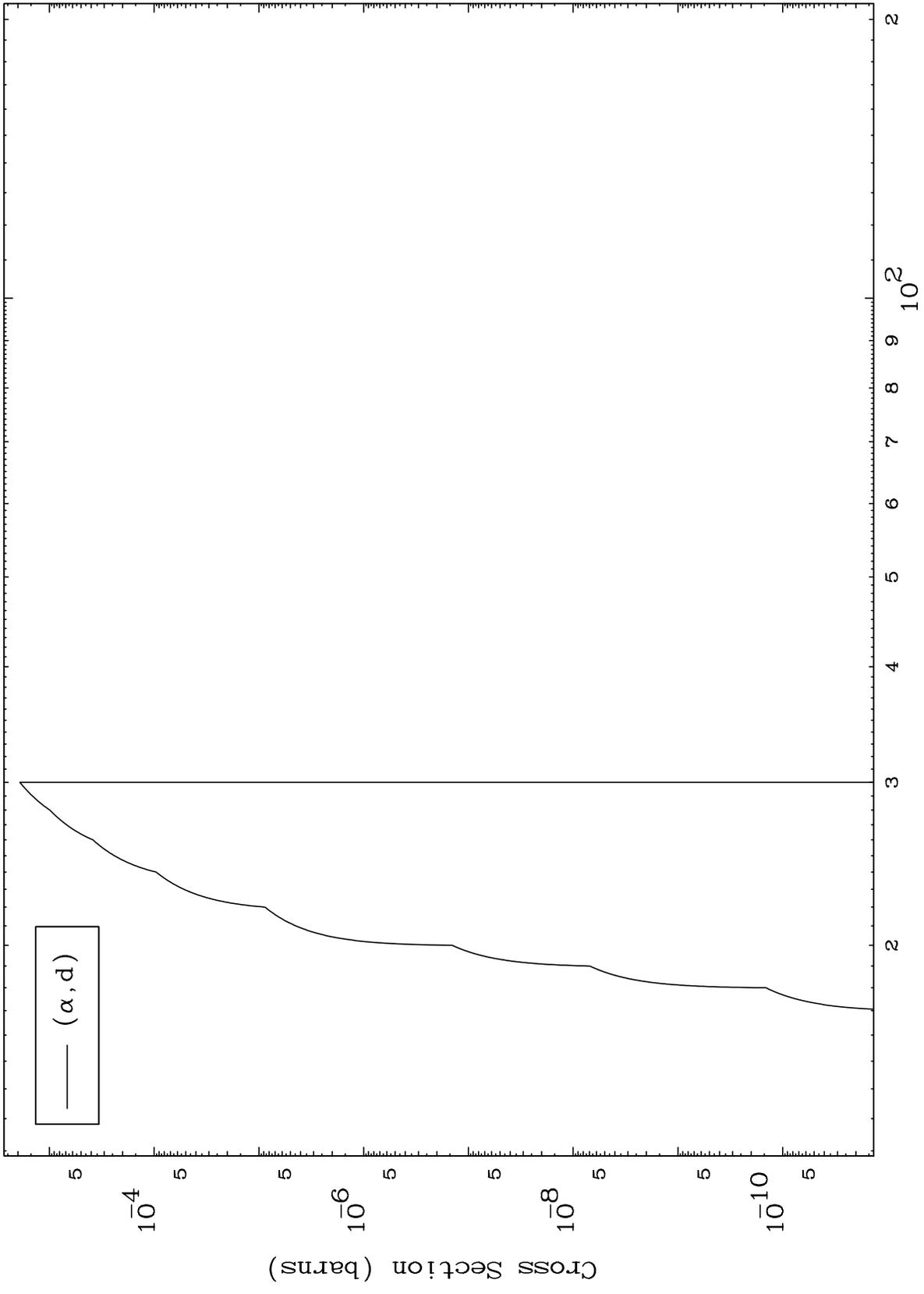
Incident Energy (MeV)

64-Gd-155

MAT 6434

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-155



7

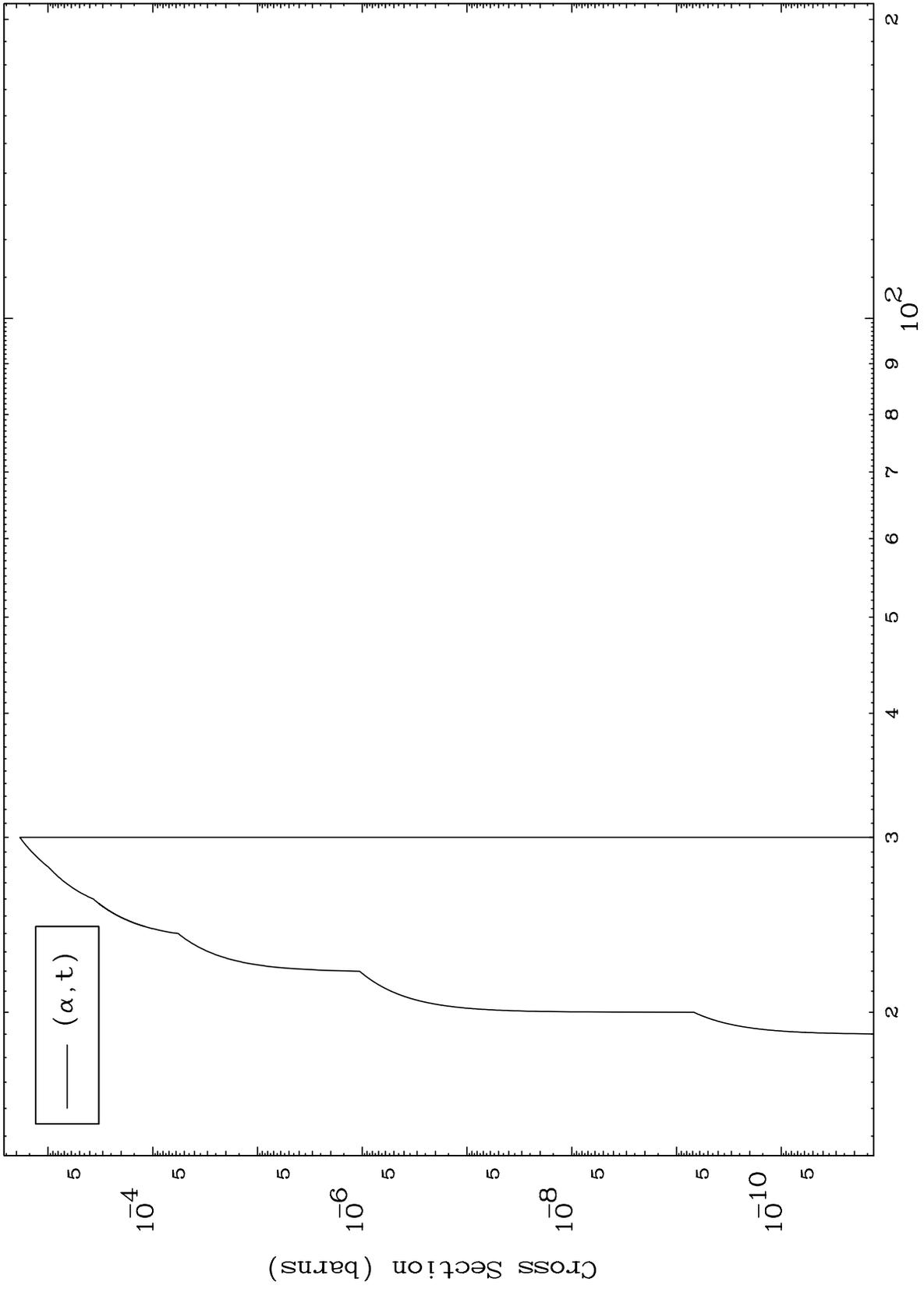
Incident Energy (MeV)

64-Gd-155

MAT 6434

(α, t) Levels
0 Kelvin Cross Sections

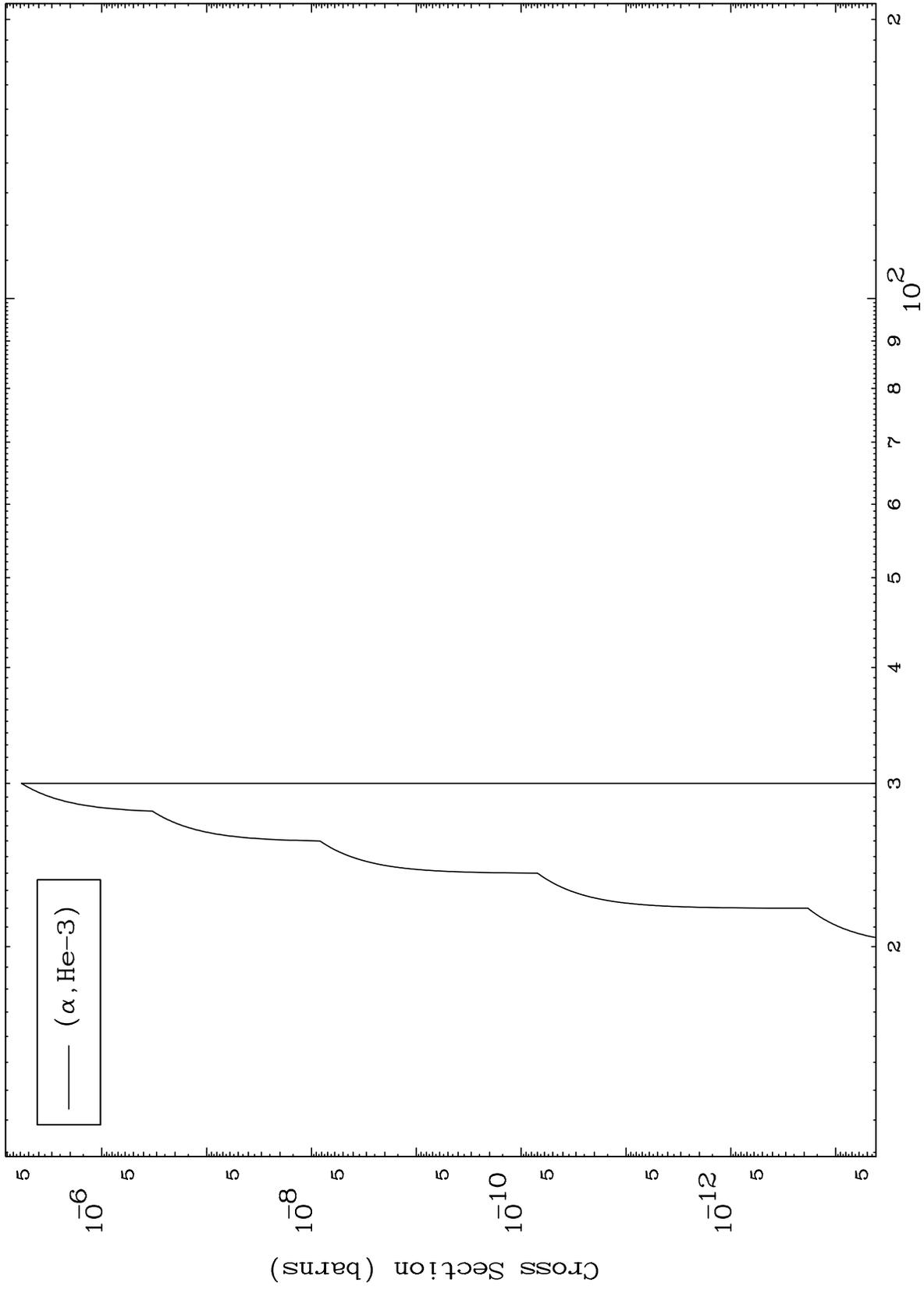
64-Gd-155



MAT 6434

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

64-Gd-155



9

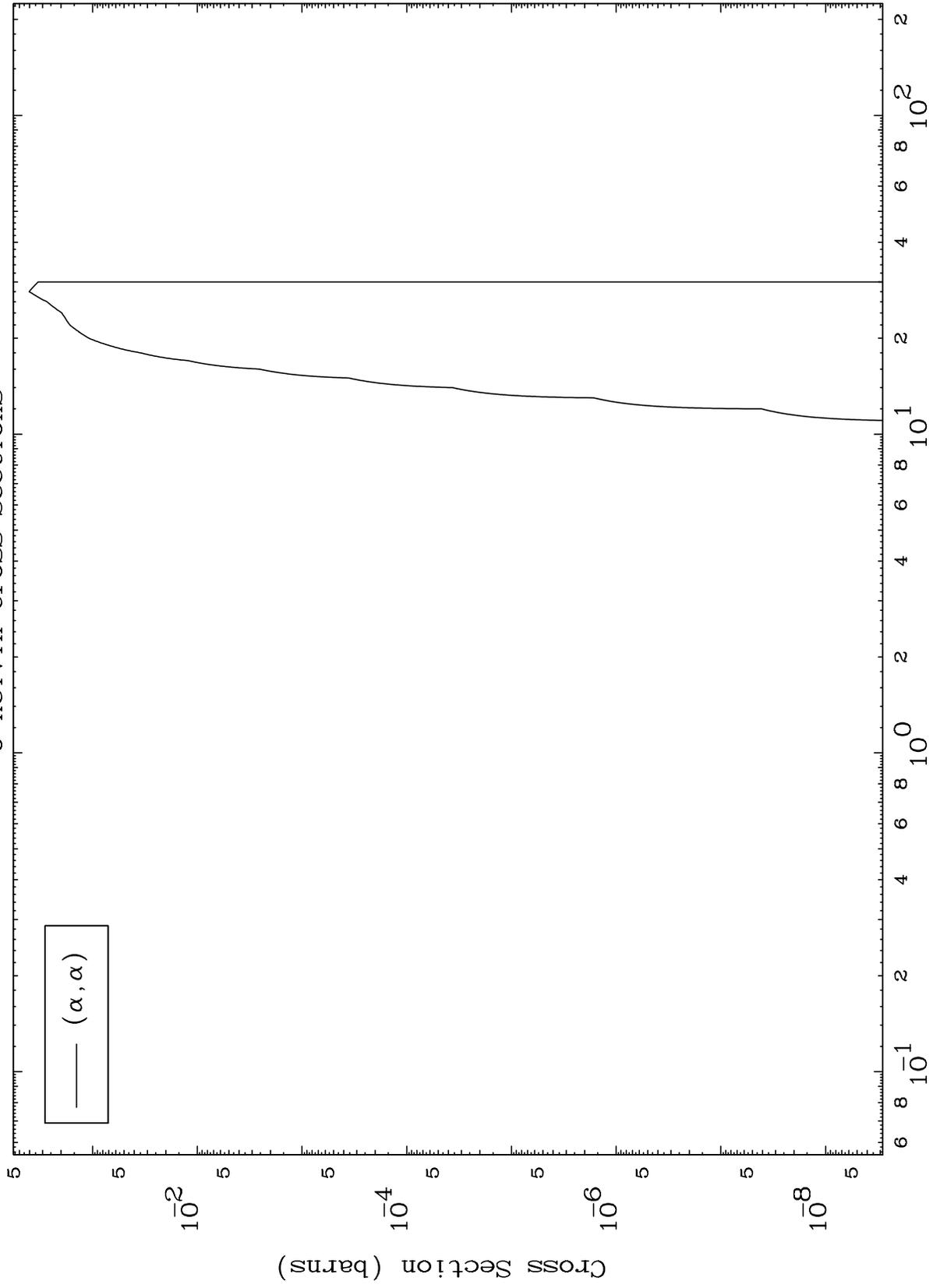
Incident Energy (MeV)

64-Gd-155

MAT 6434

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-155



10

Incident Energy (MeV)

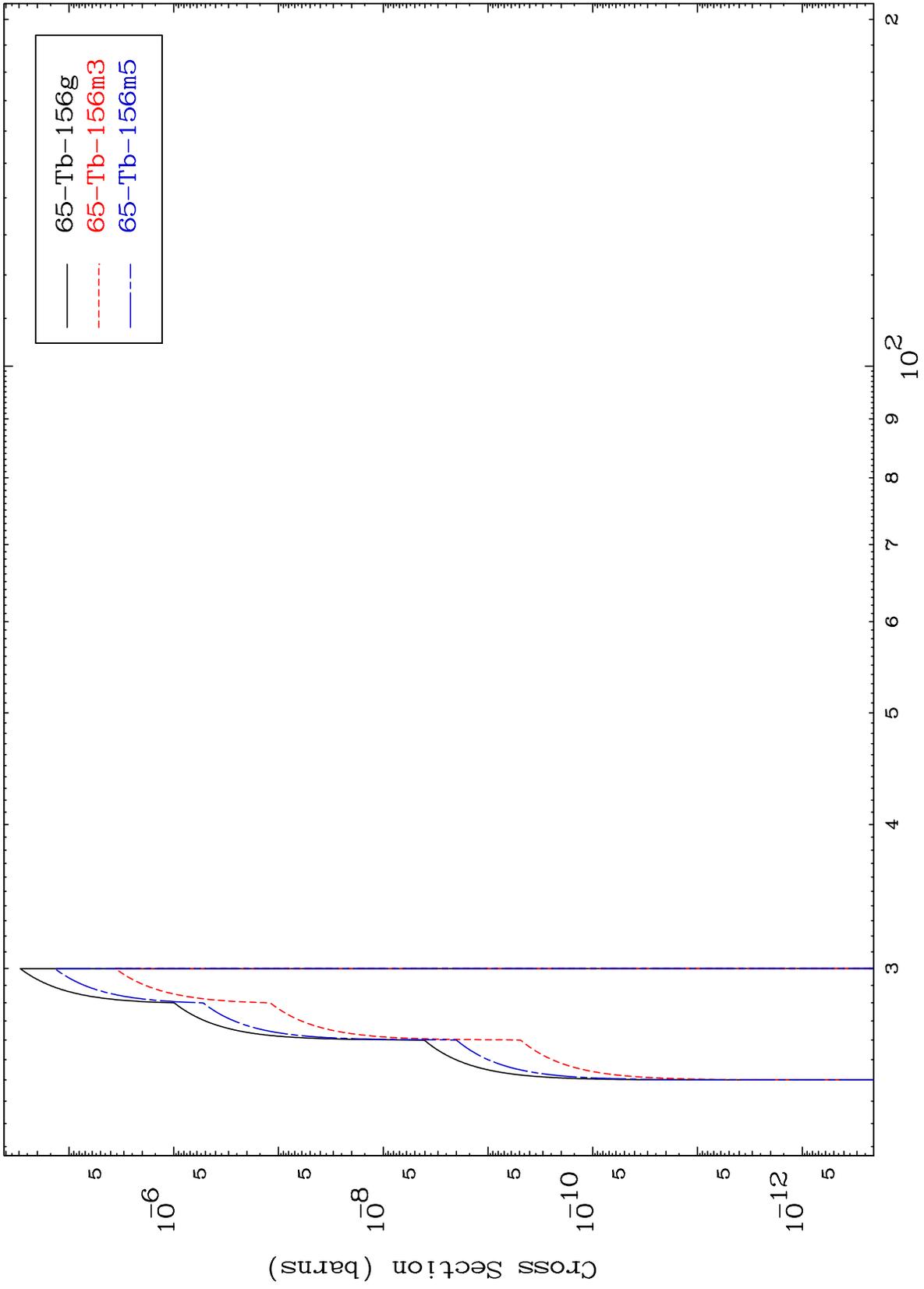
64-Gd-155

MAT 6434

(α, n') d

64-Gd-155

Radionuclide Production Cross Section



11

Incident Energy (MeV)

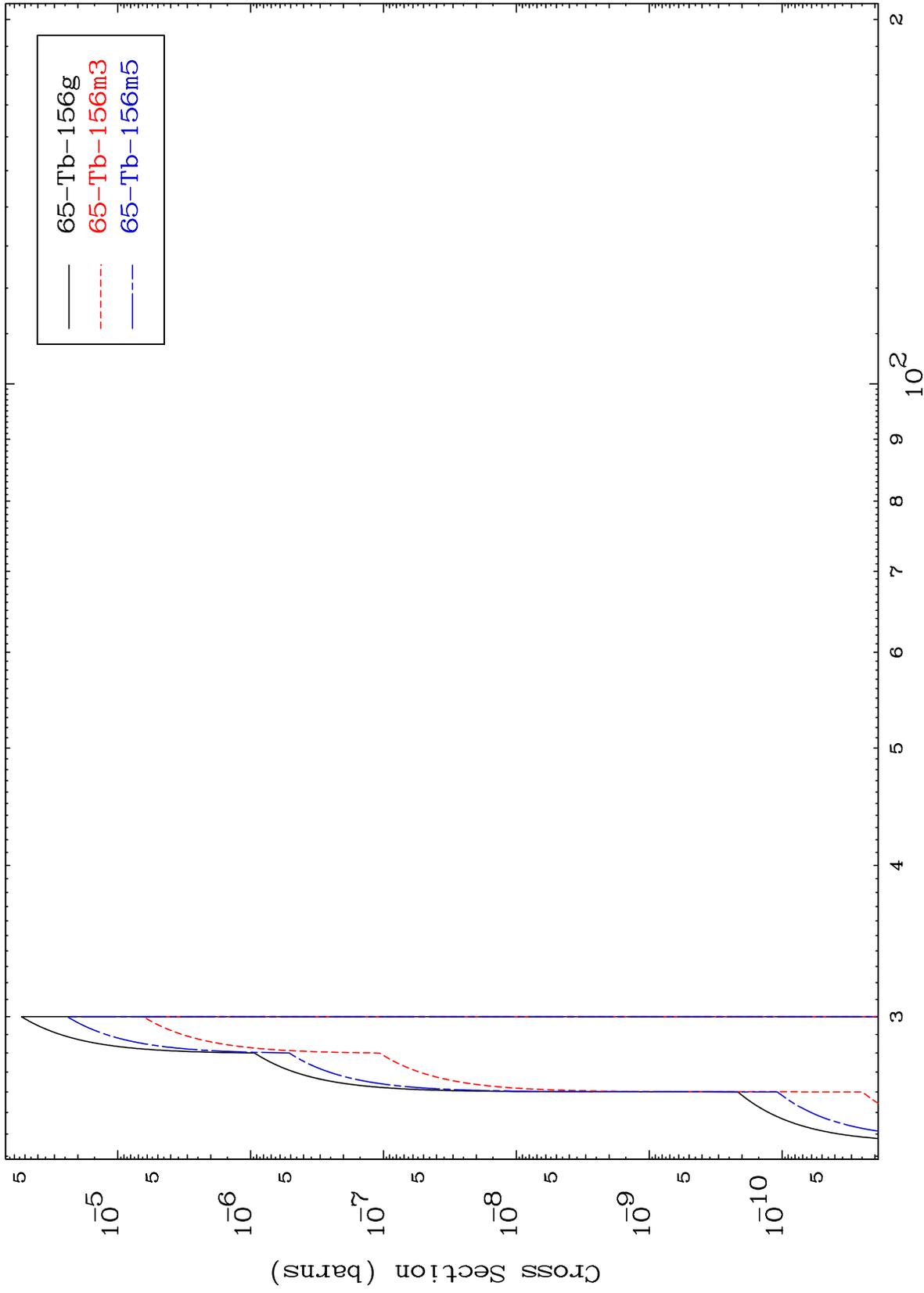
64-Gd-155

MAT 6434

$(\alpha, 2n)$ p

64-Gd-155

Radionuclide Production Cross Section



12

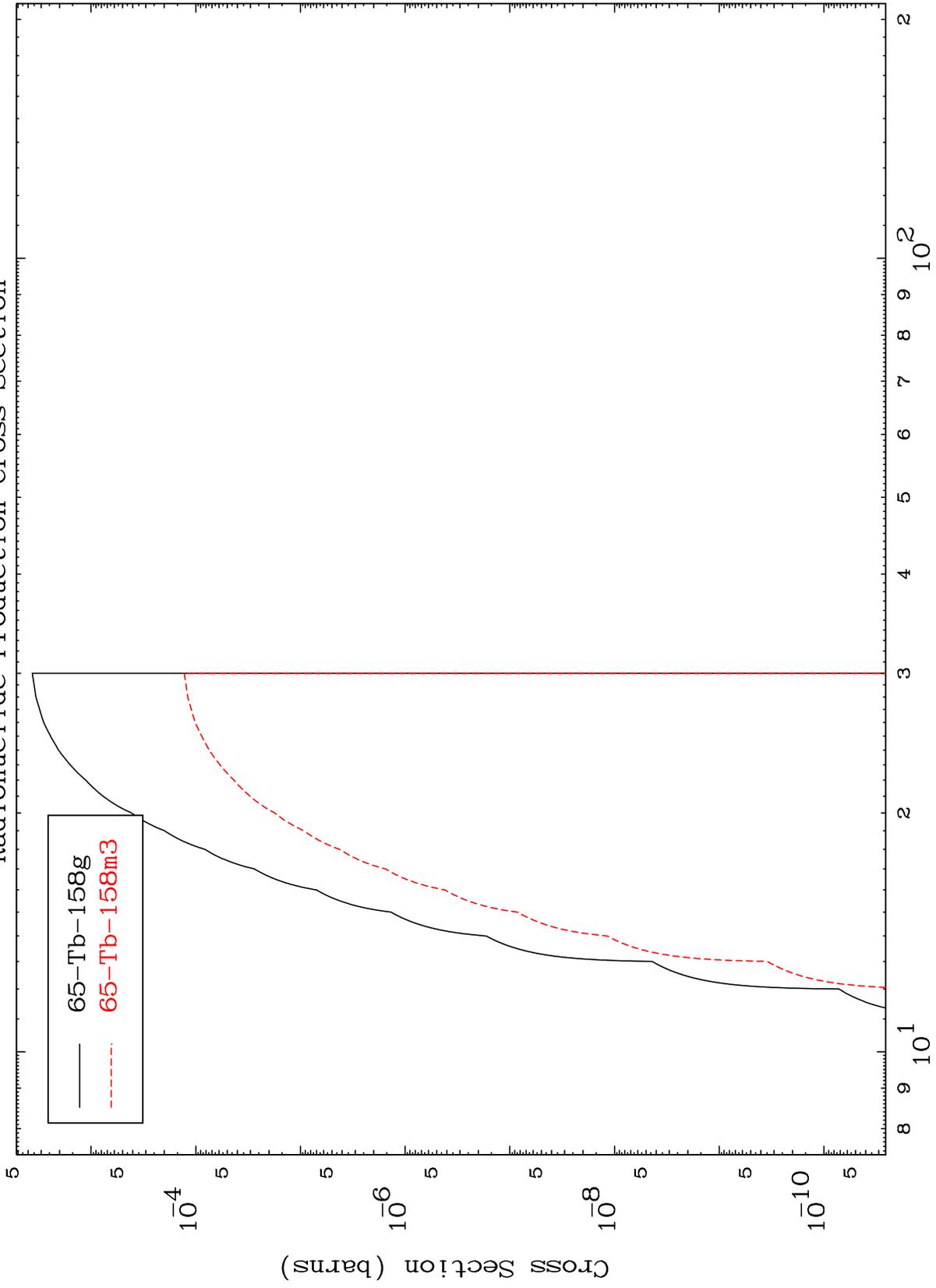
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

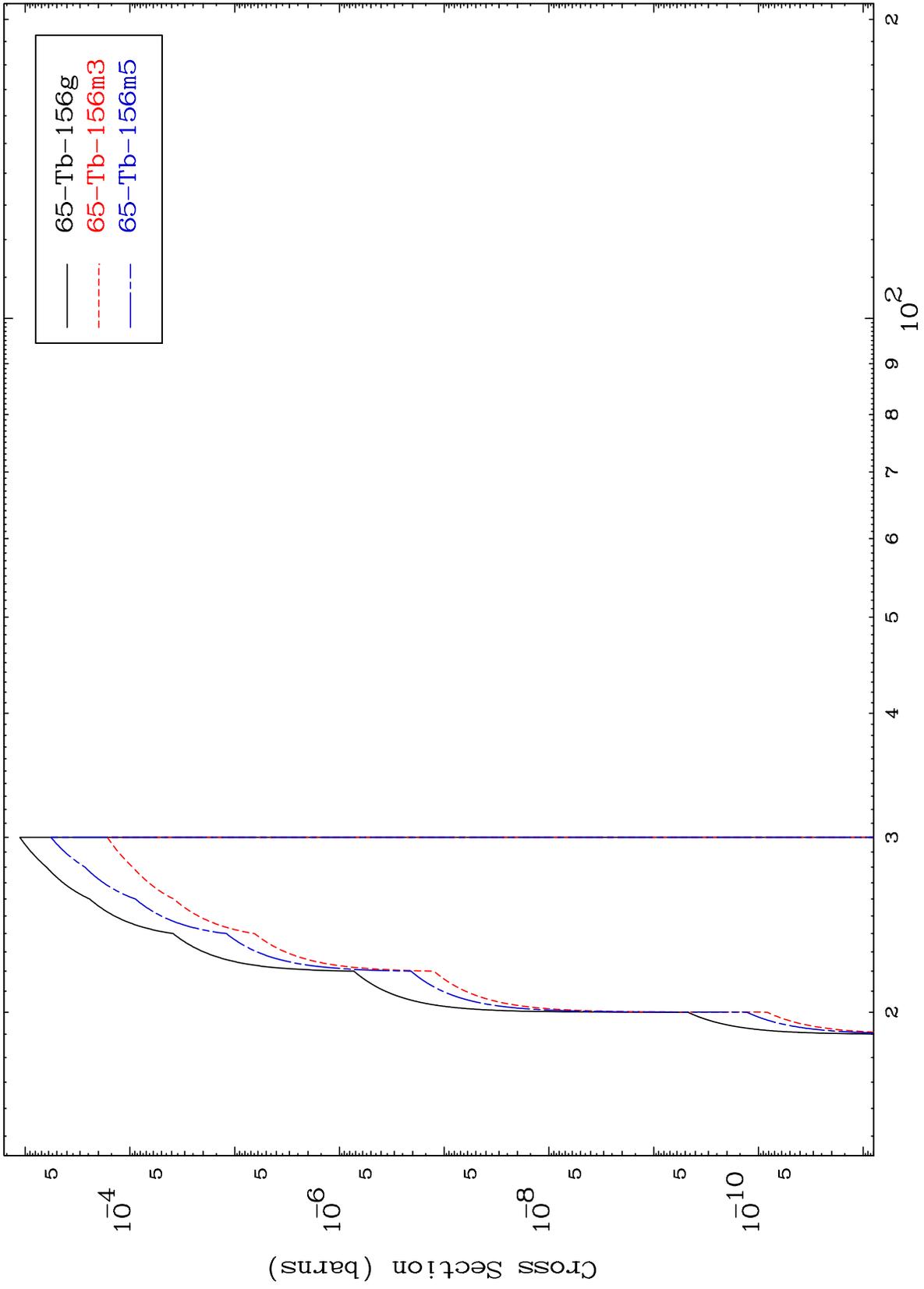
64-Gd-155

MAT 6434

(α, t)

64-Gd-155

Radionuclide Production Cross Section



14

Incident Energy (MeV)

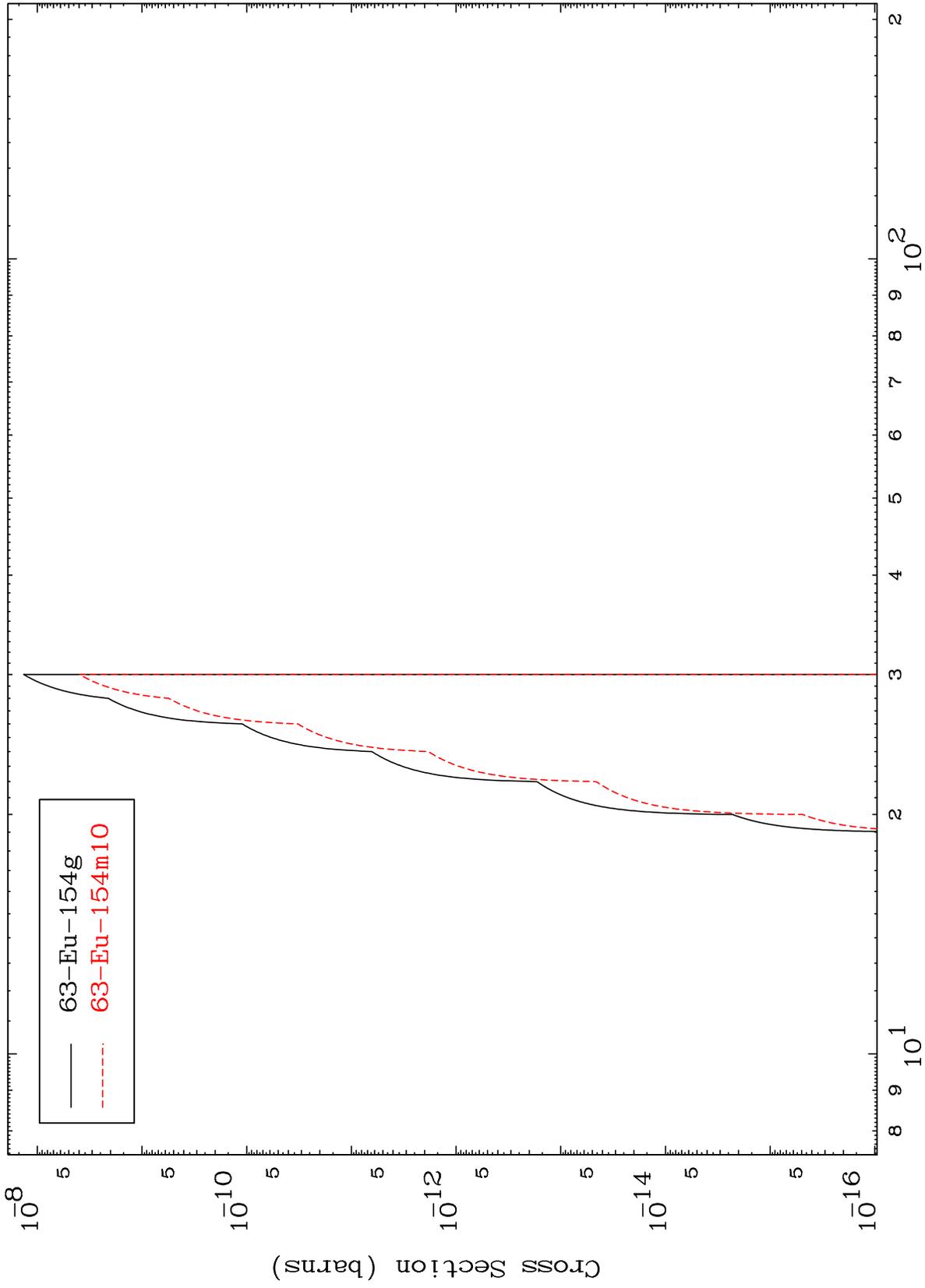
64-Gd-155

MAT 6434

(α, p) α

64-Gd-155

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-155