

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

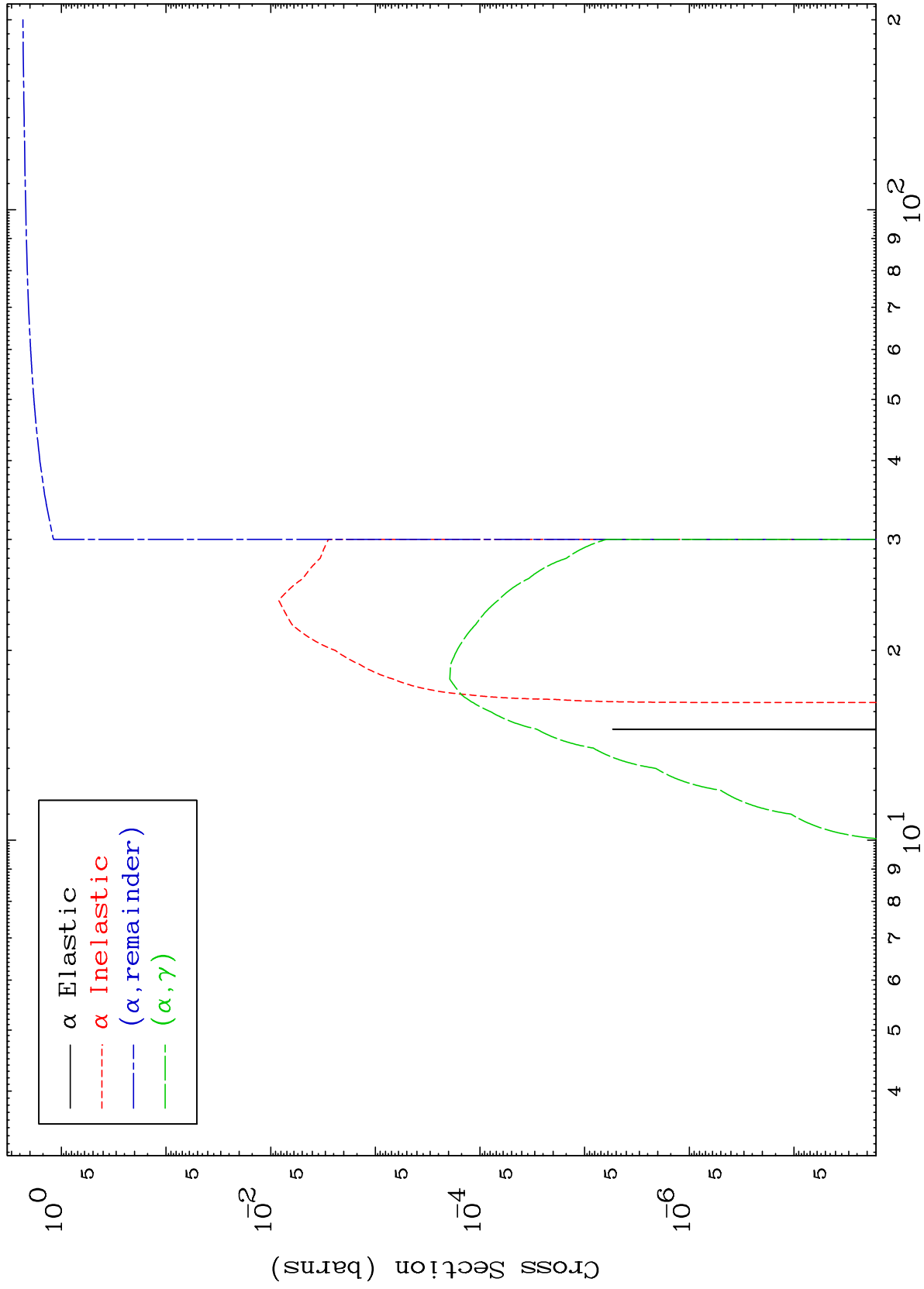
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6383

0 Kelvin α Major
Cross Sections

64-Gd-138



1

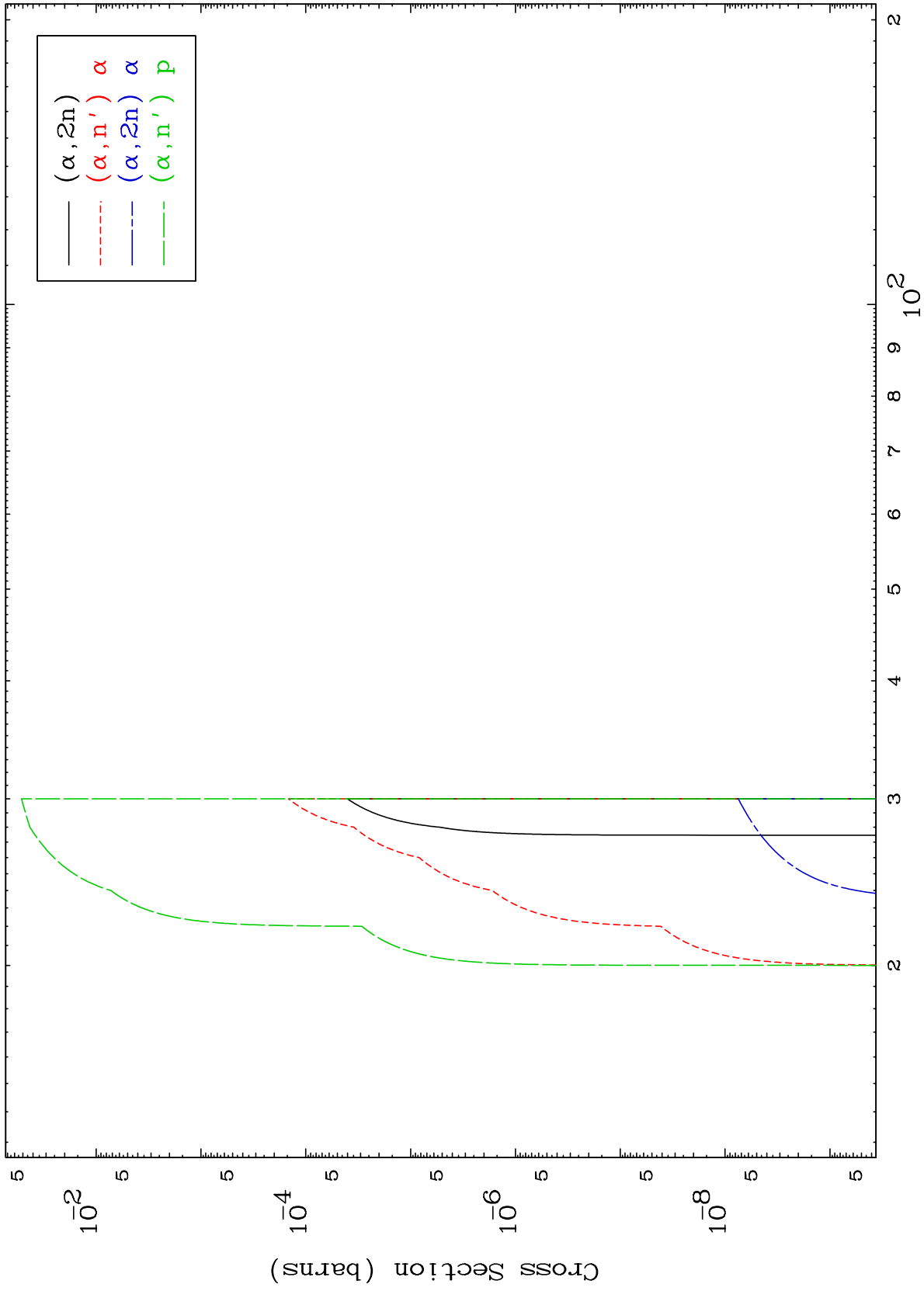
Incident Energy (MeV)

64-Gd-138

MAT 6383

α Neutron Production
0 Kelvin Cross Sections

64-Gd-138



2

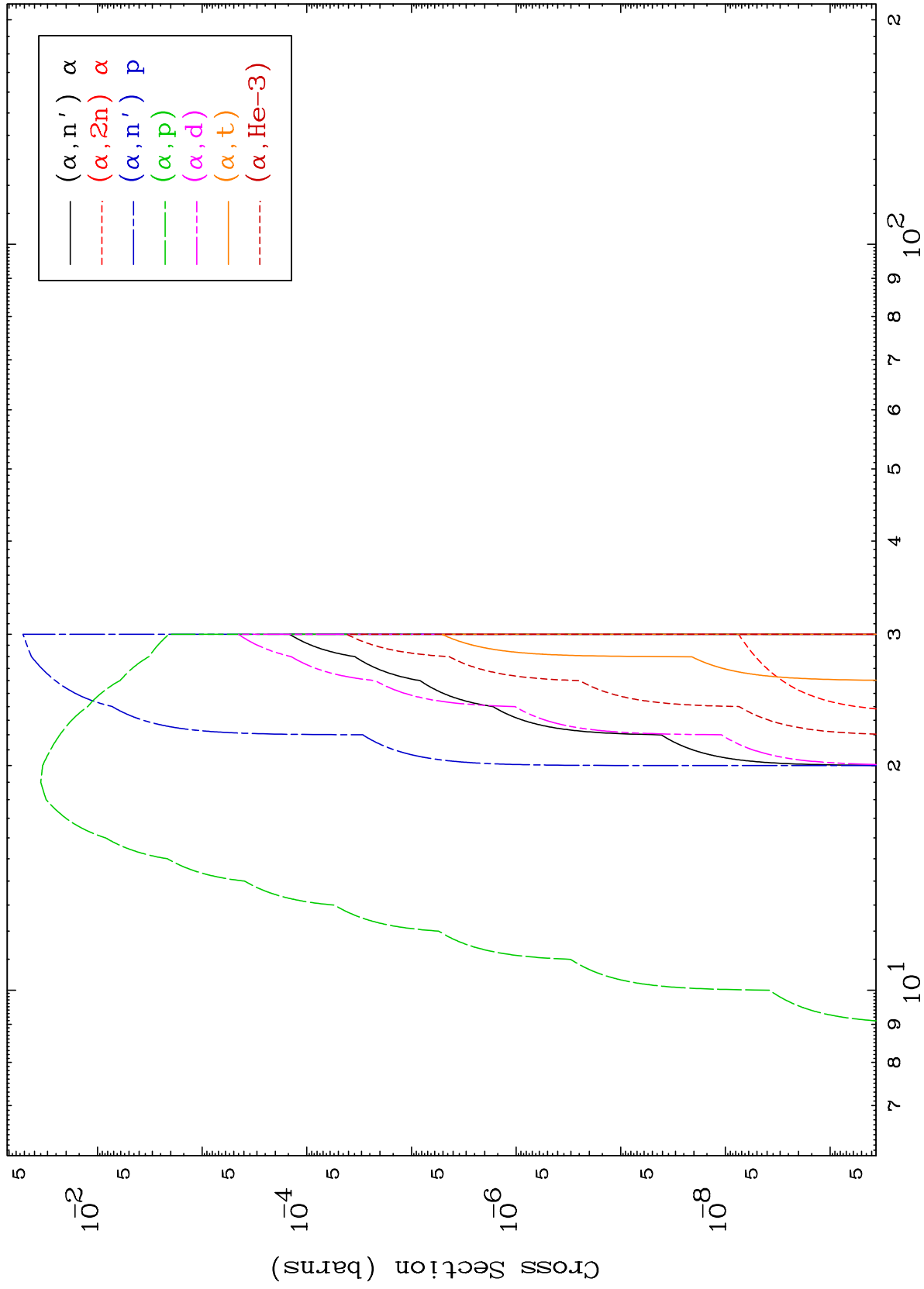
Incident Energy (MeV)

64-Gd-138

MAT 6383

α Charged Particle
0 Kelvin Cross Sections

64-Gd-138



3

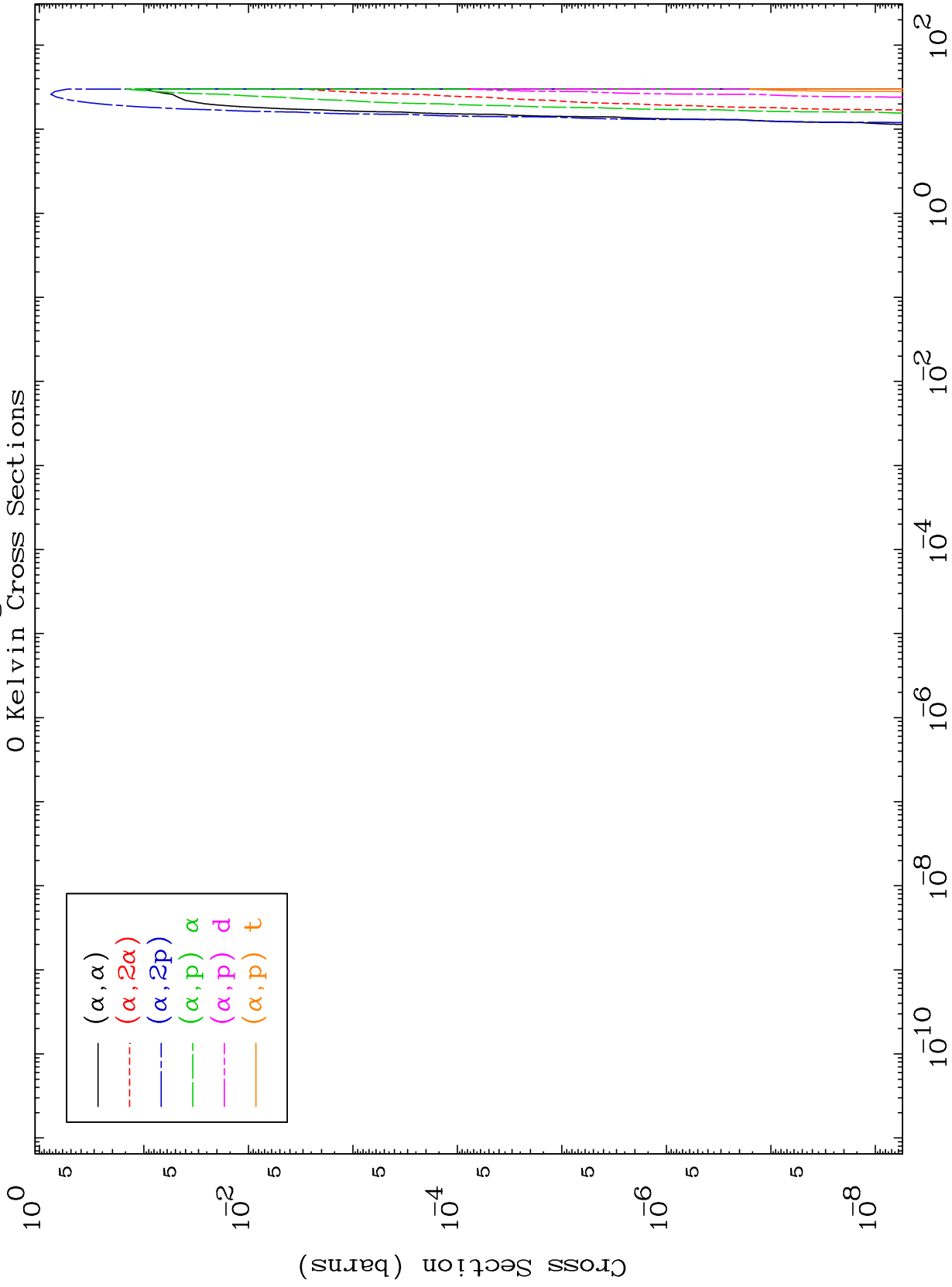
Incident Energy (MeV)

64-Gd-138

MAT 6383

α Charged Particle
0 Kelvin Cross Sections

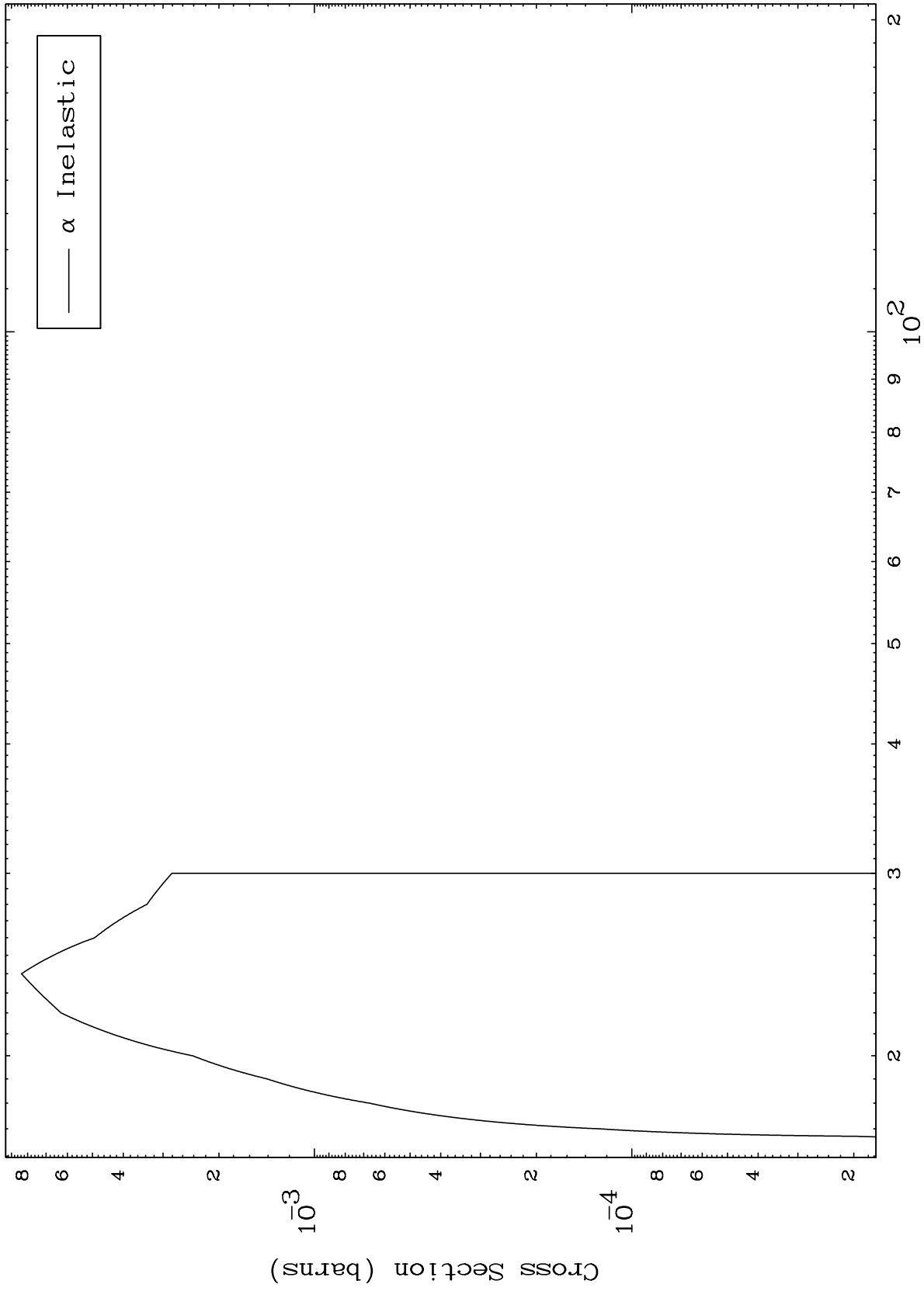
64-Gd-138



MAT 6383

(α, n') Level
0 Kelvin Cross Sections

64-Gd-138



5

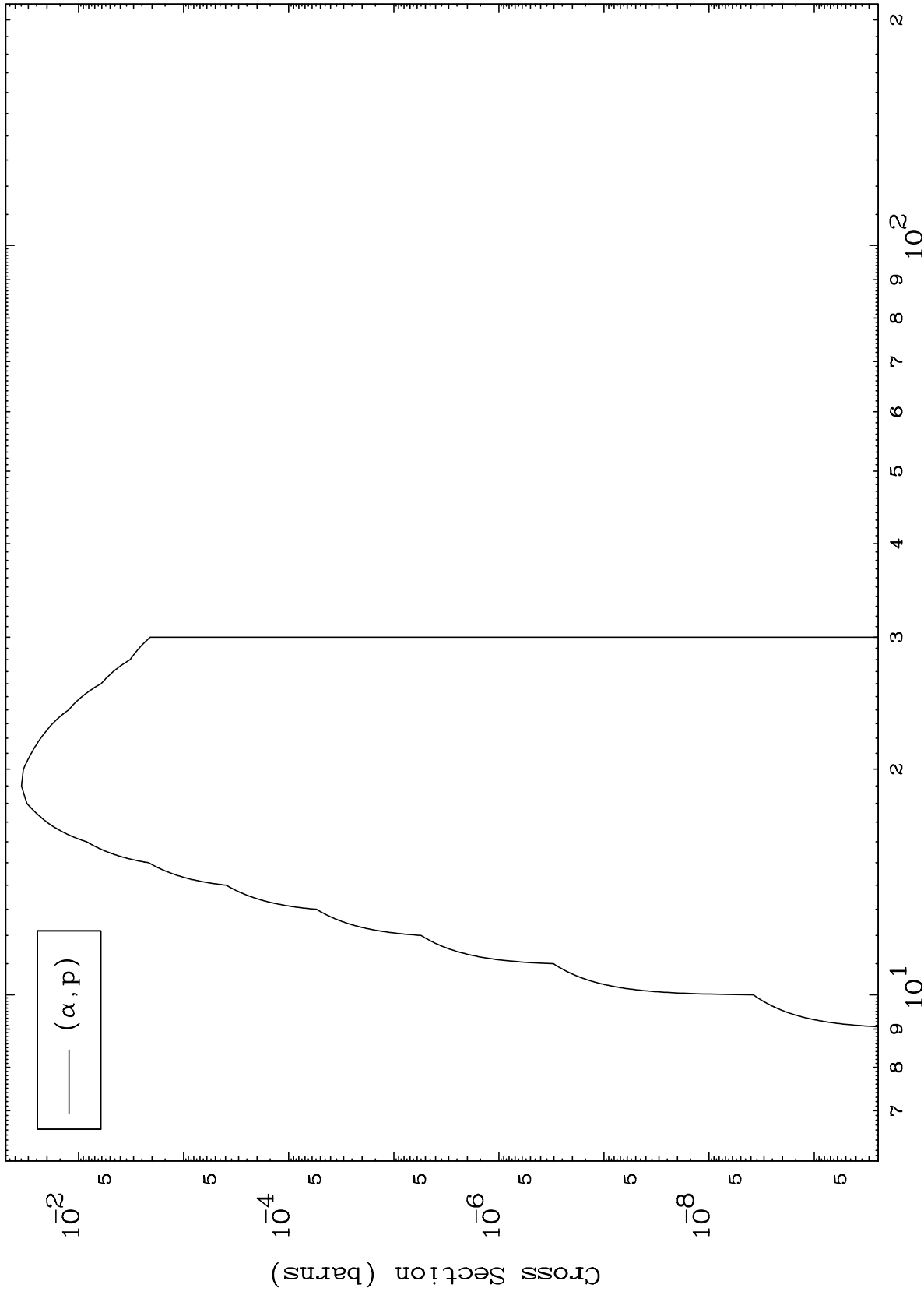
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-138



6

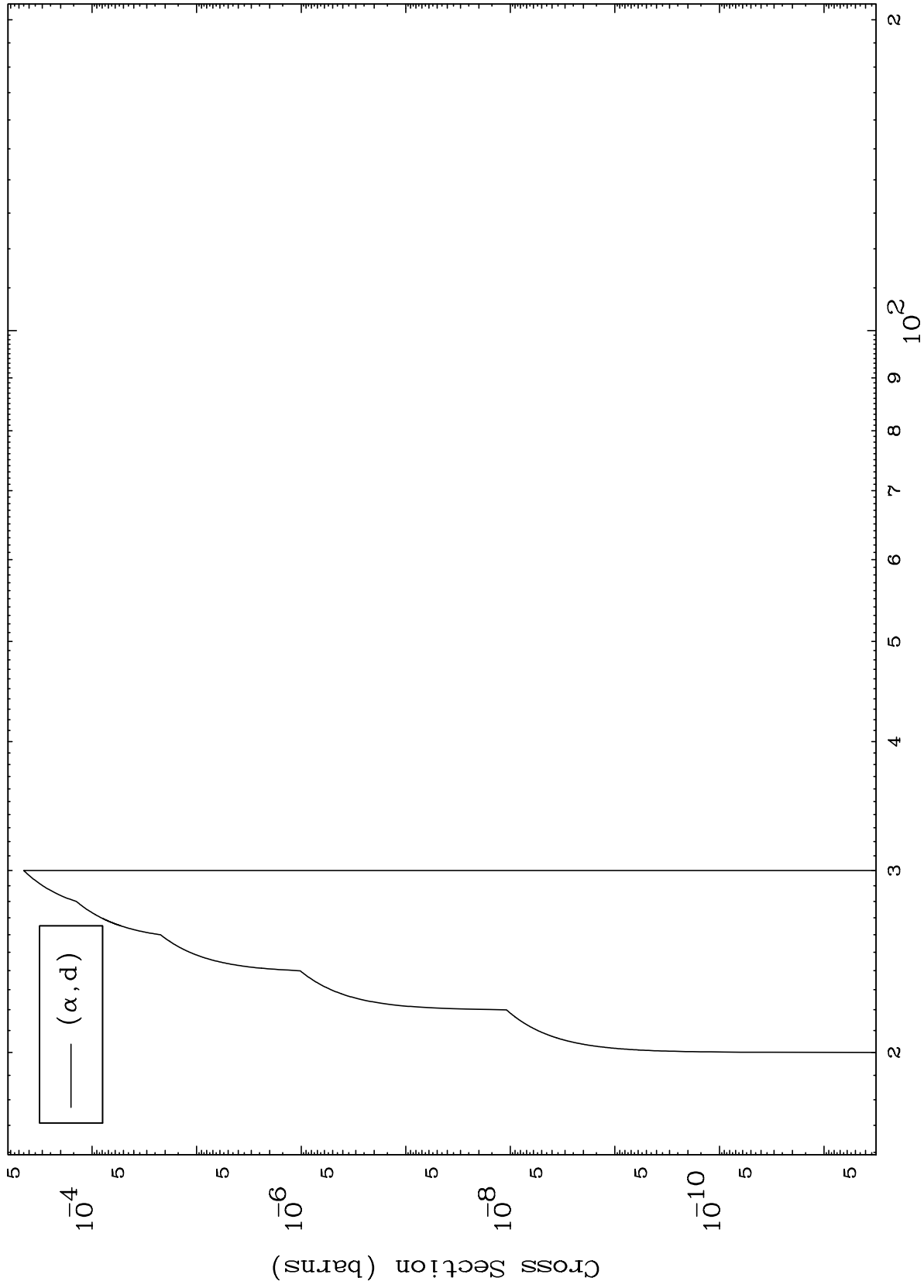
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α, d) Levels
0 Kelvin Cross Sections

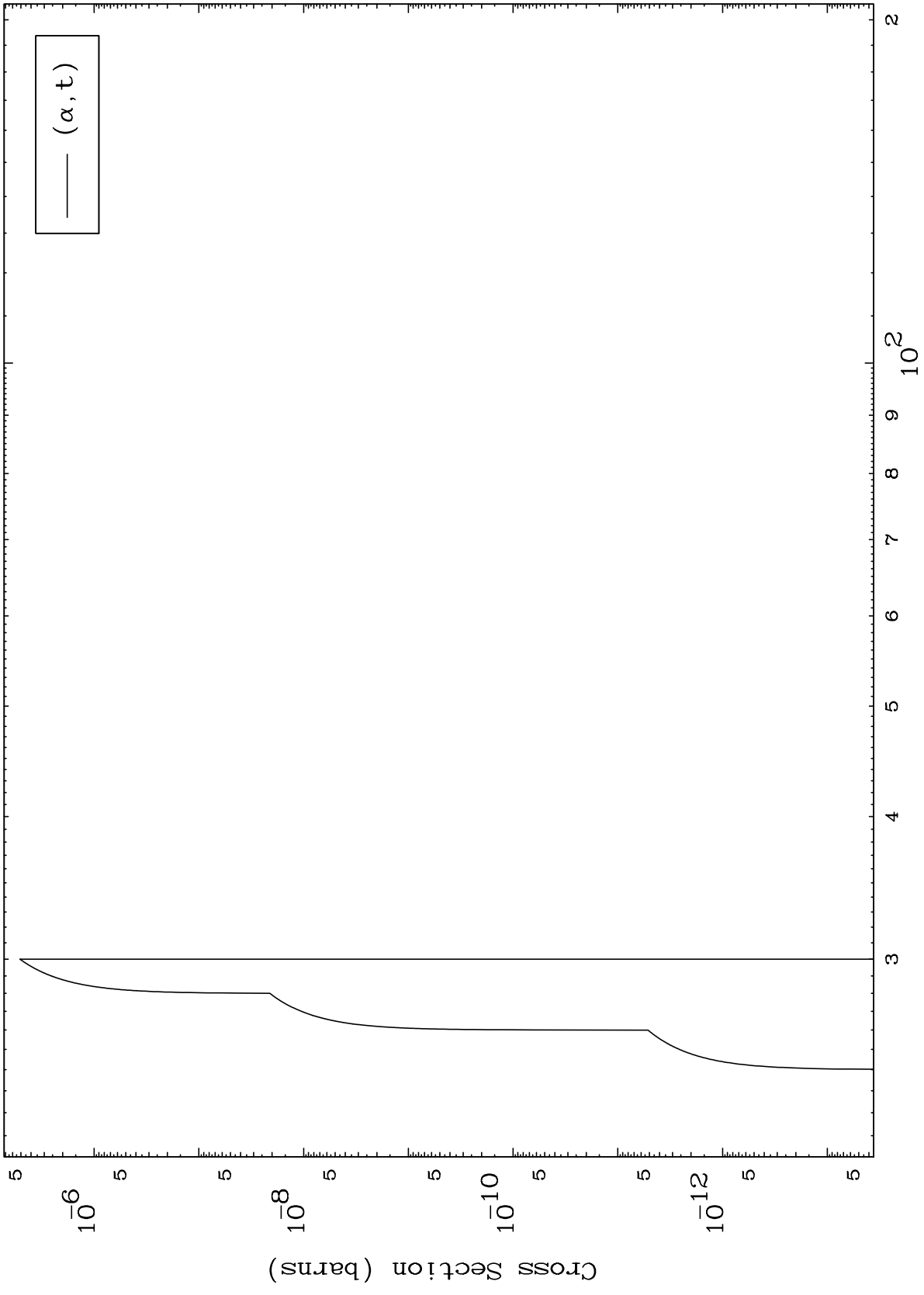
64-Gd-138



MAT 6383

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-138



8

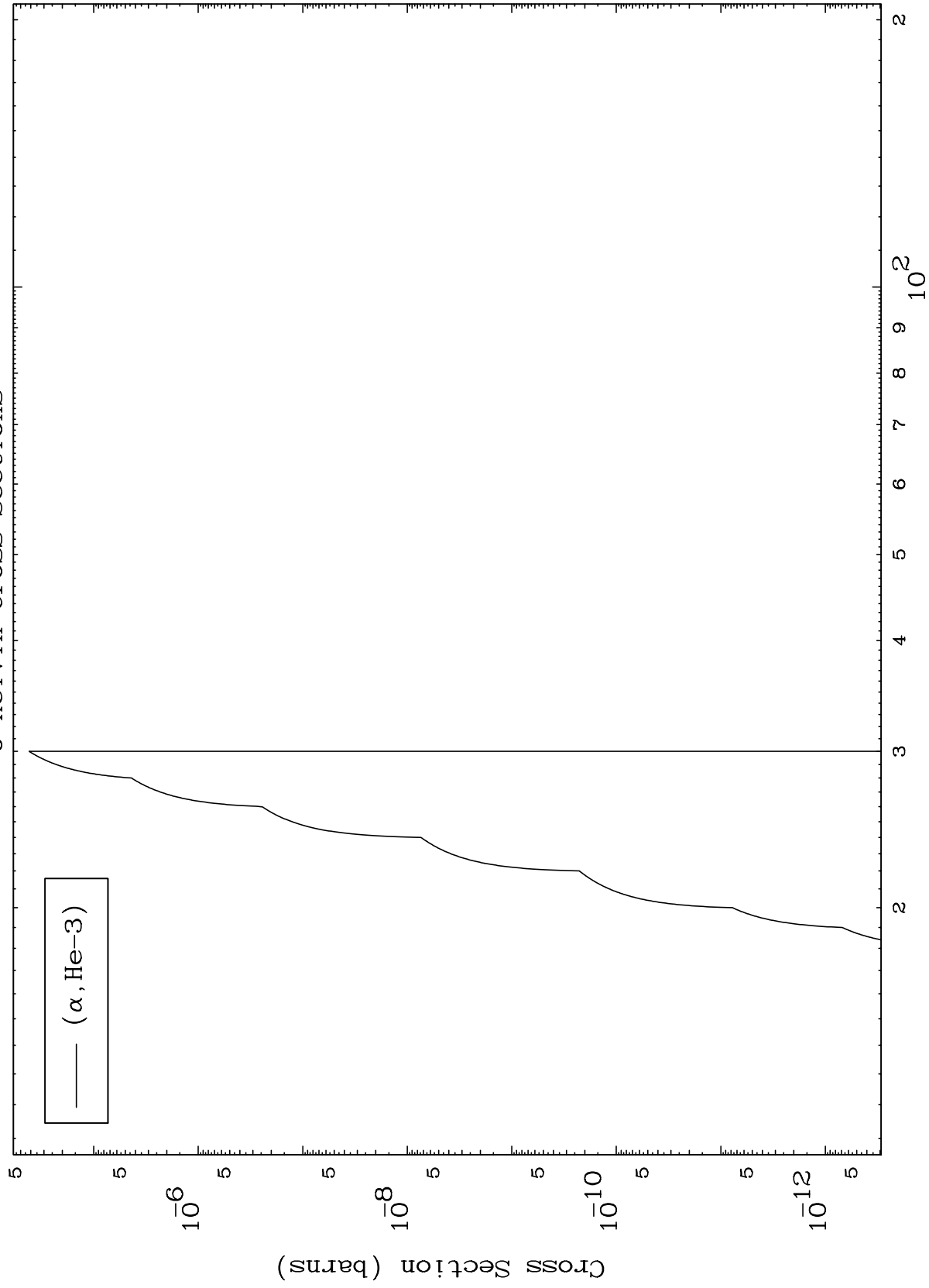
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α ,He3) Levels
0 Kelvin Cross Sections

64-Gd-138



9

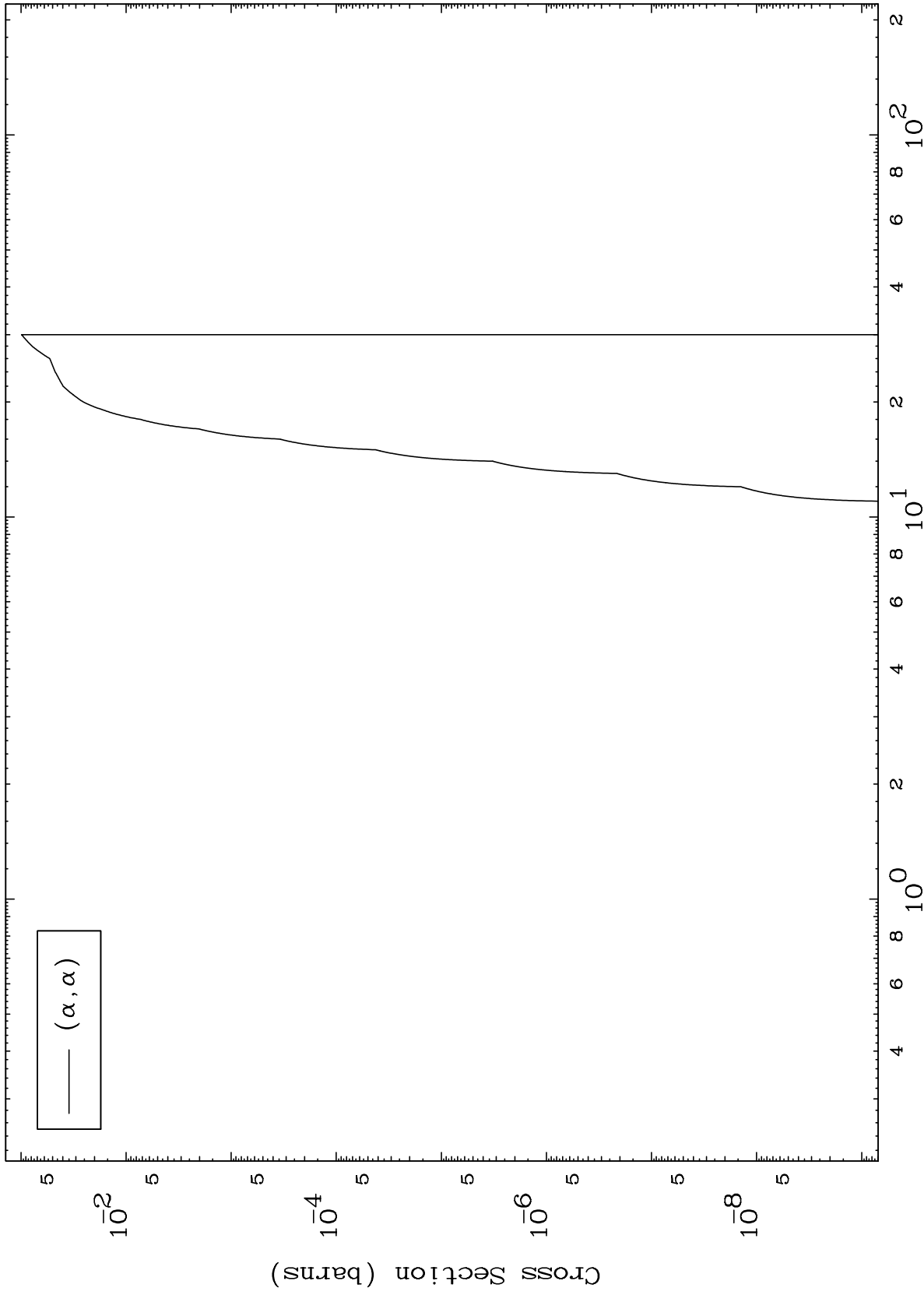
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-138



10

Incident Energy (MeV)

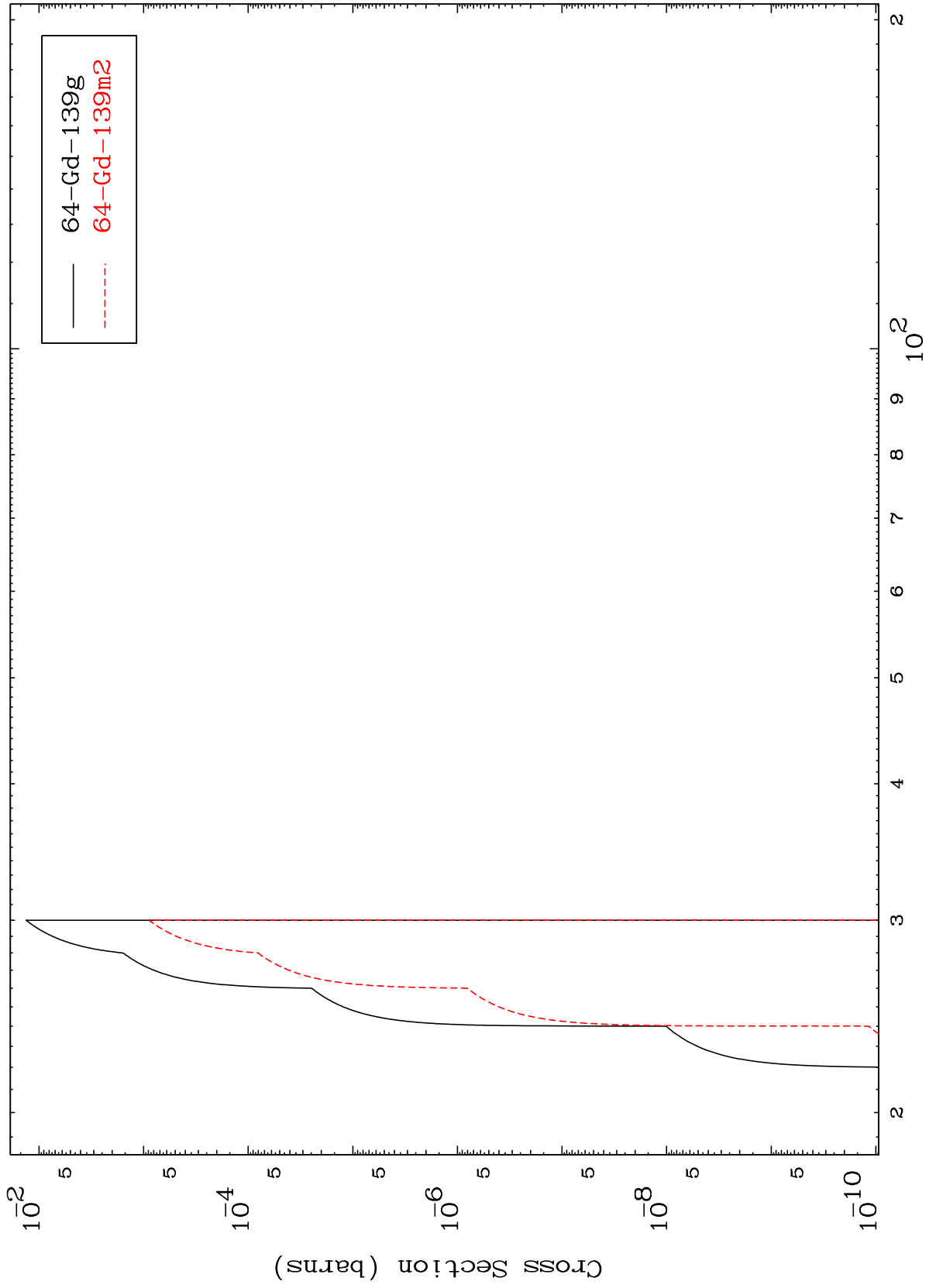
64-Gd-138

MAT 6383

($\alpha, 2n$) p

64-Gd-138

Radionuclide Production Cross Section

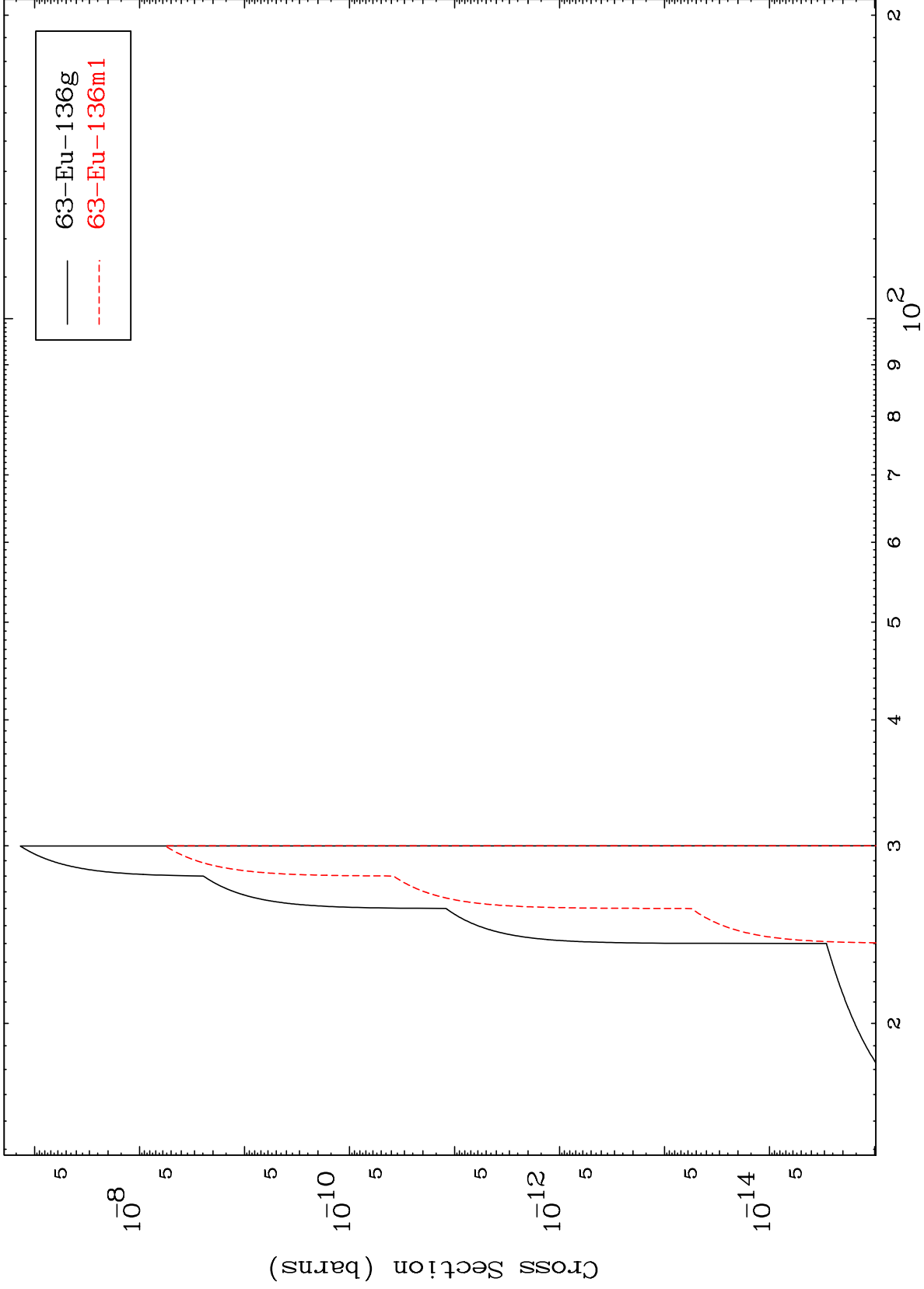


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(α, n') p α

64-Gd-138

Radionuclide Production Cross Section



12

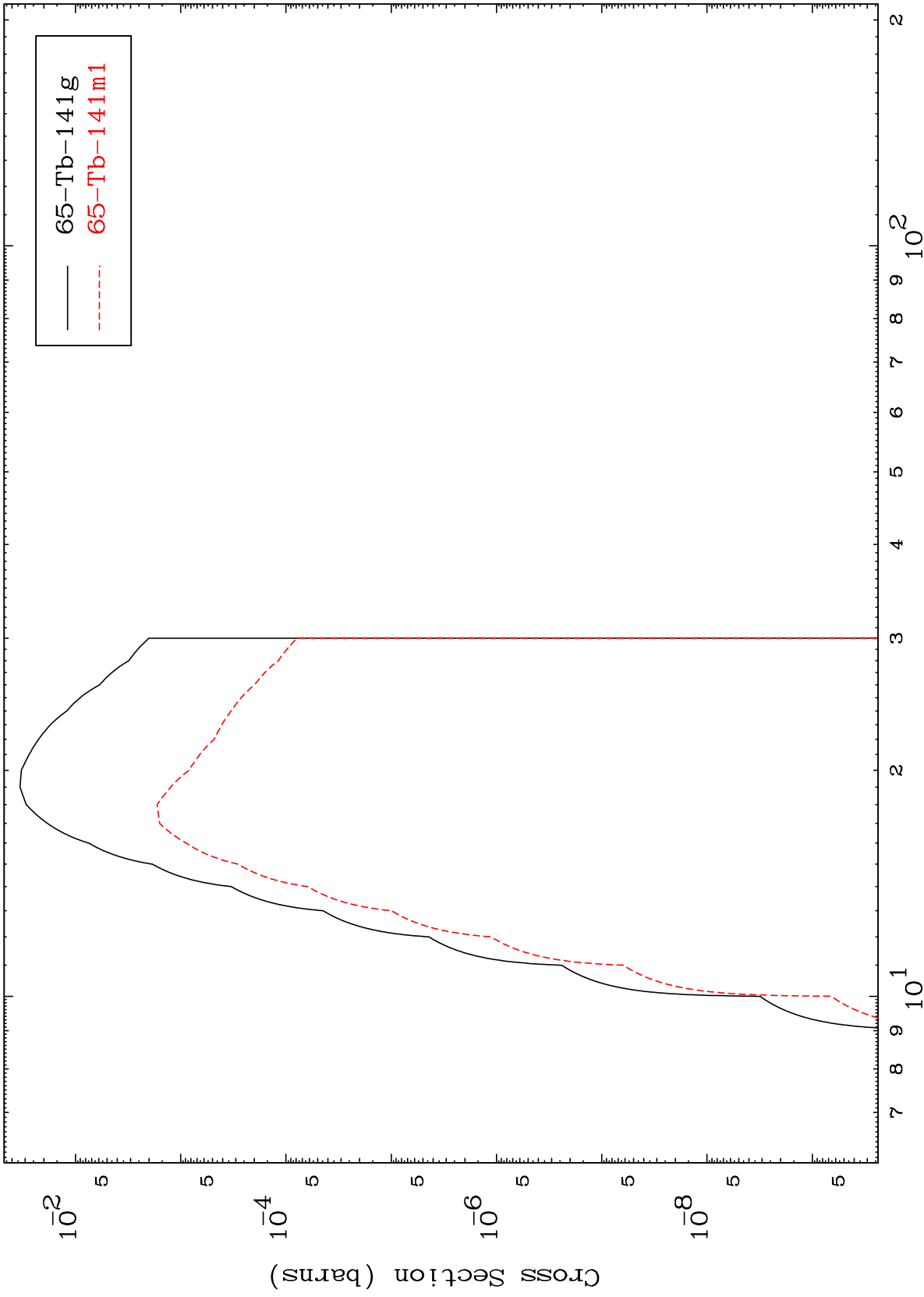
Incident Energy (MeV)

64-Gd-138

MAT 6383

64-Gd-138

(α, p)
Radionuclide Production Cross Section



13

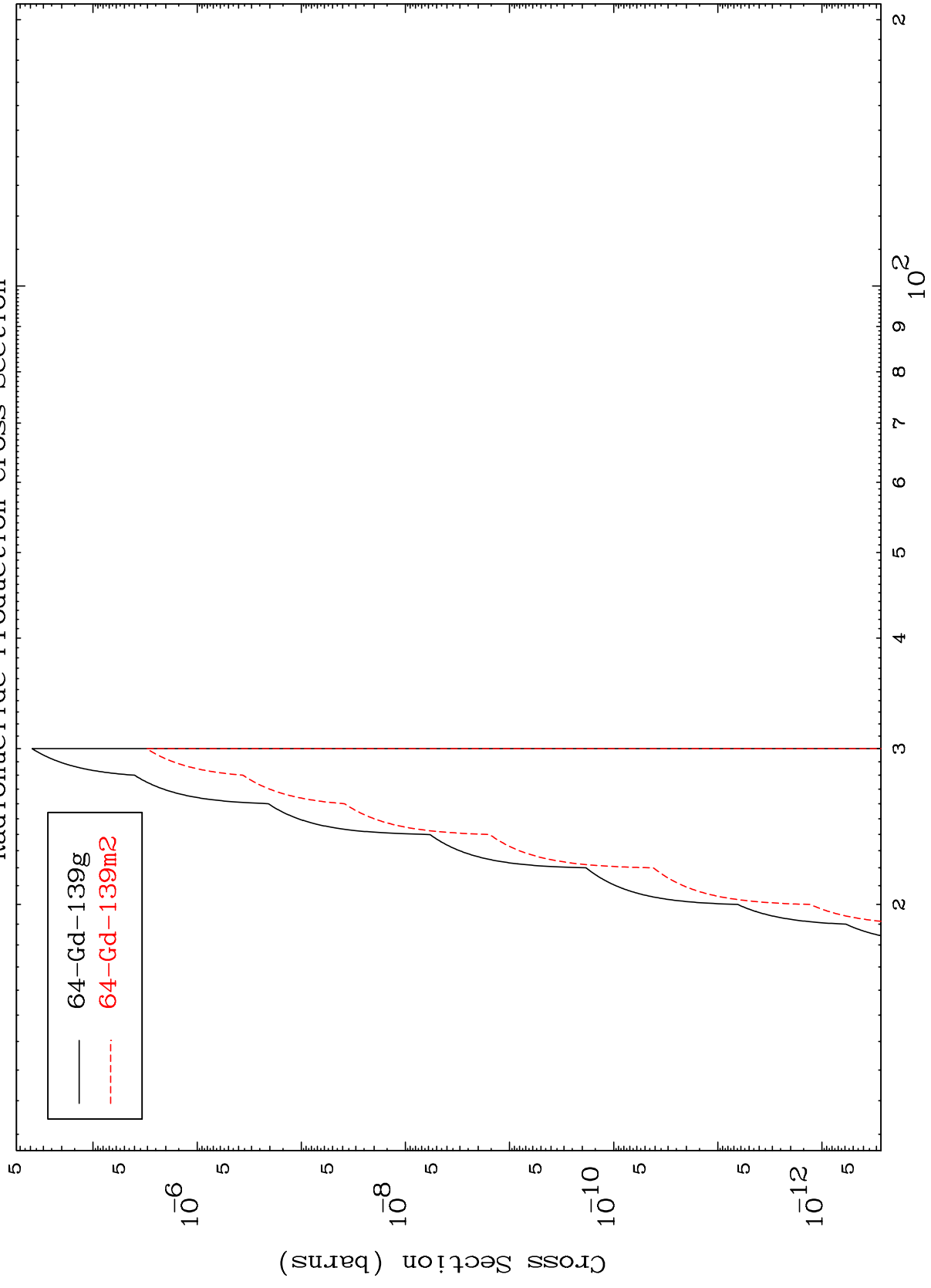
64-Gd-138

MAT 6383

($\alpha, \text{He-3}$)

64-Gd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

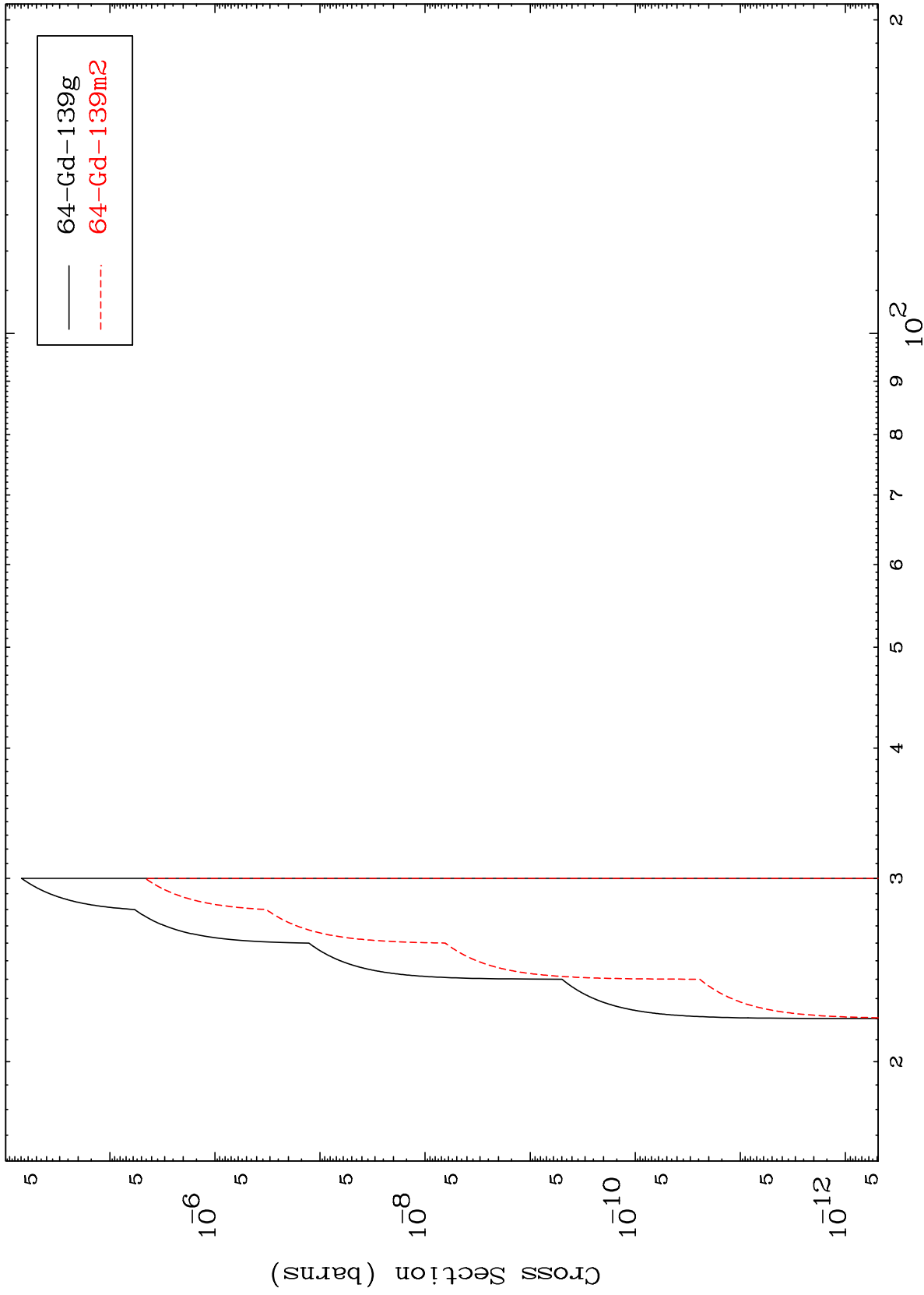
64-Gd-138

MAT 6383

(α, p) d

64-Gd-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-138