

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

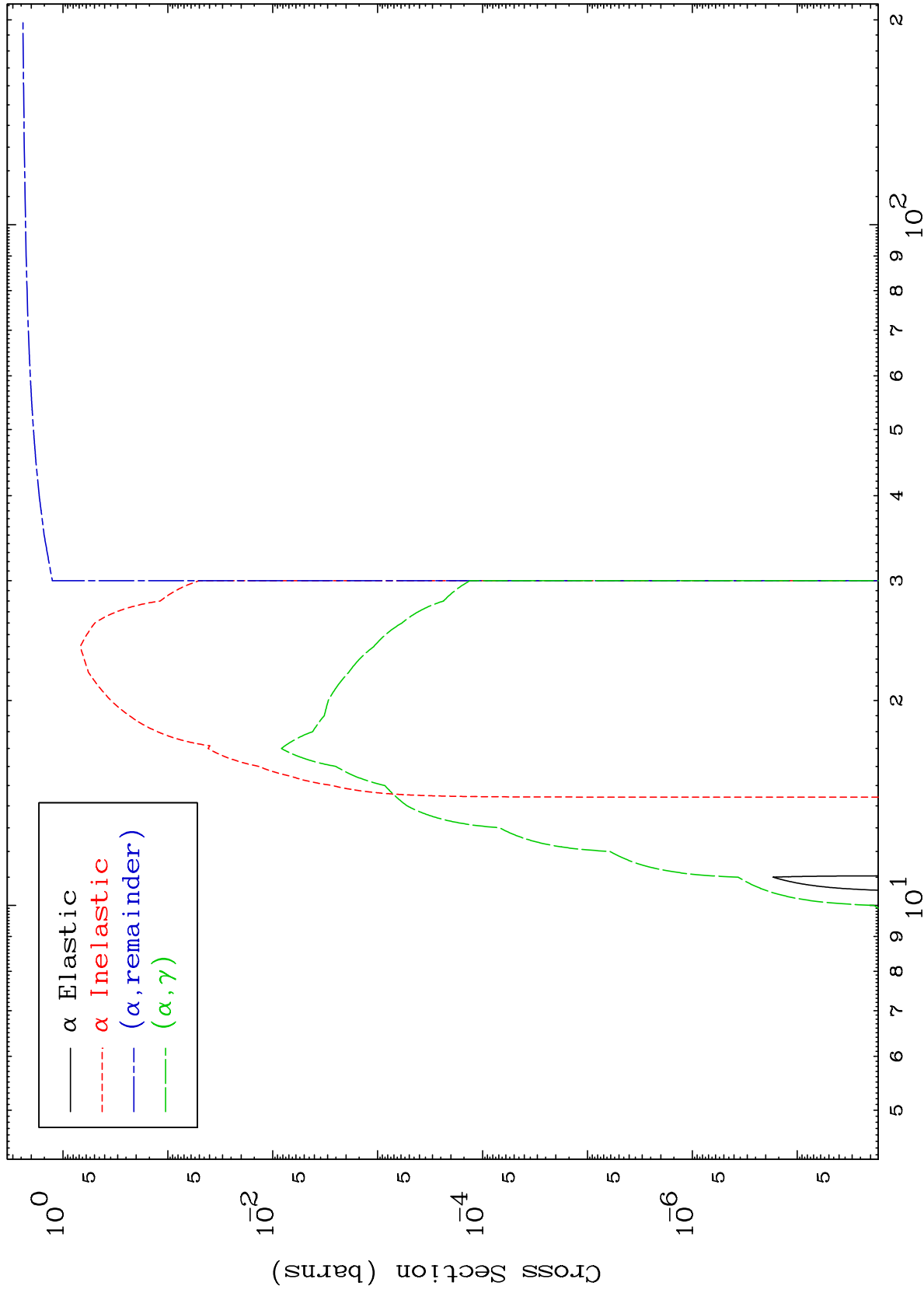
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

0 Kelvin α Major

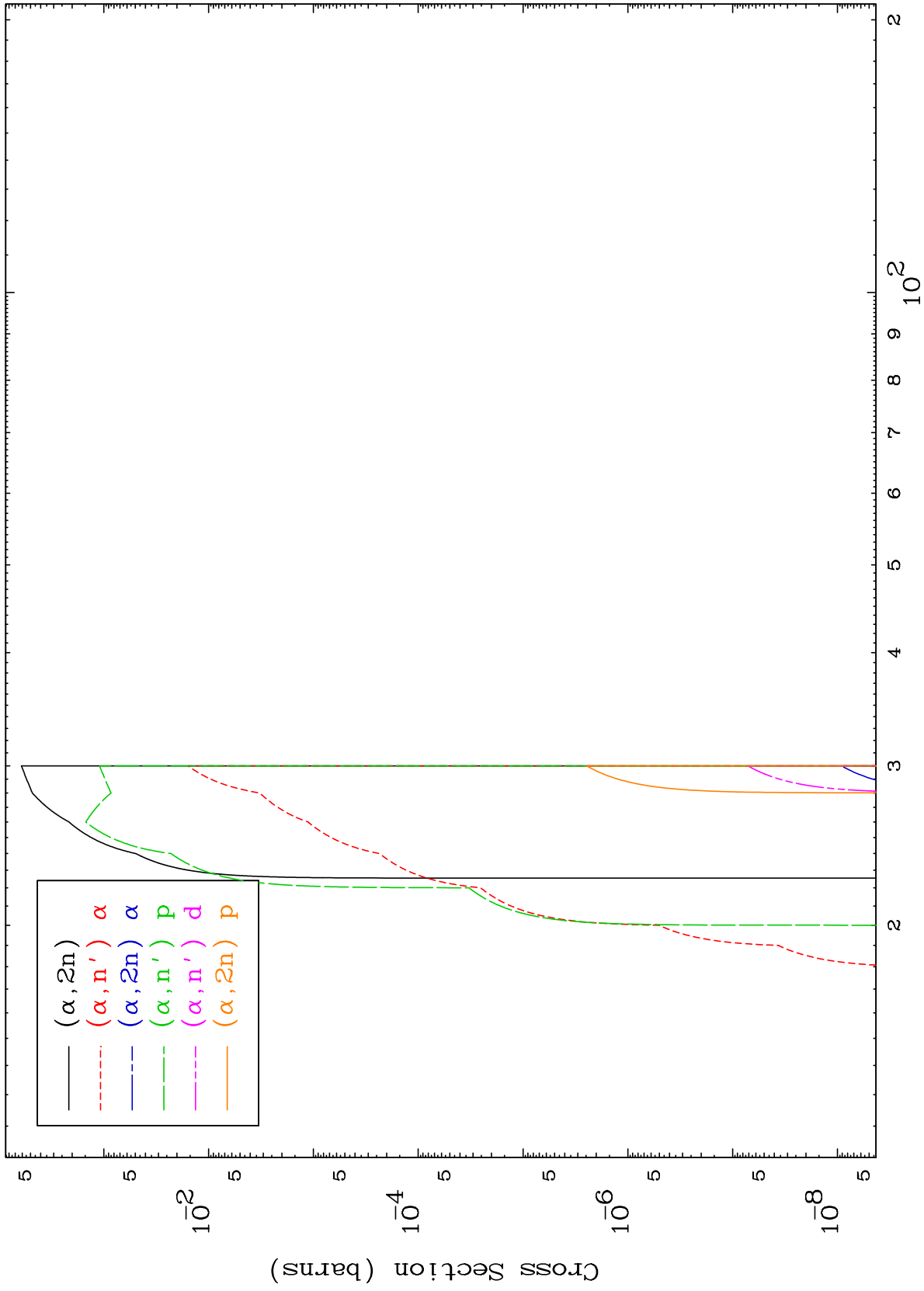
64-Gd-146



MAT 6407

α Neutron Production
0 Kelvin Cross Sections

64-Gd-146



2

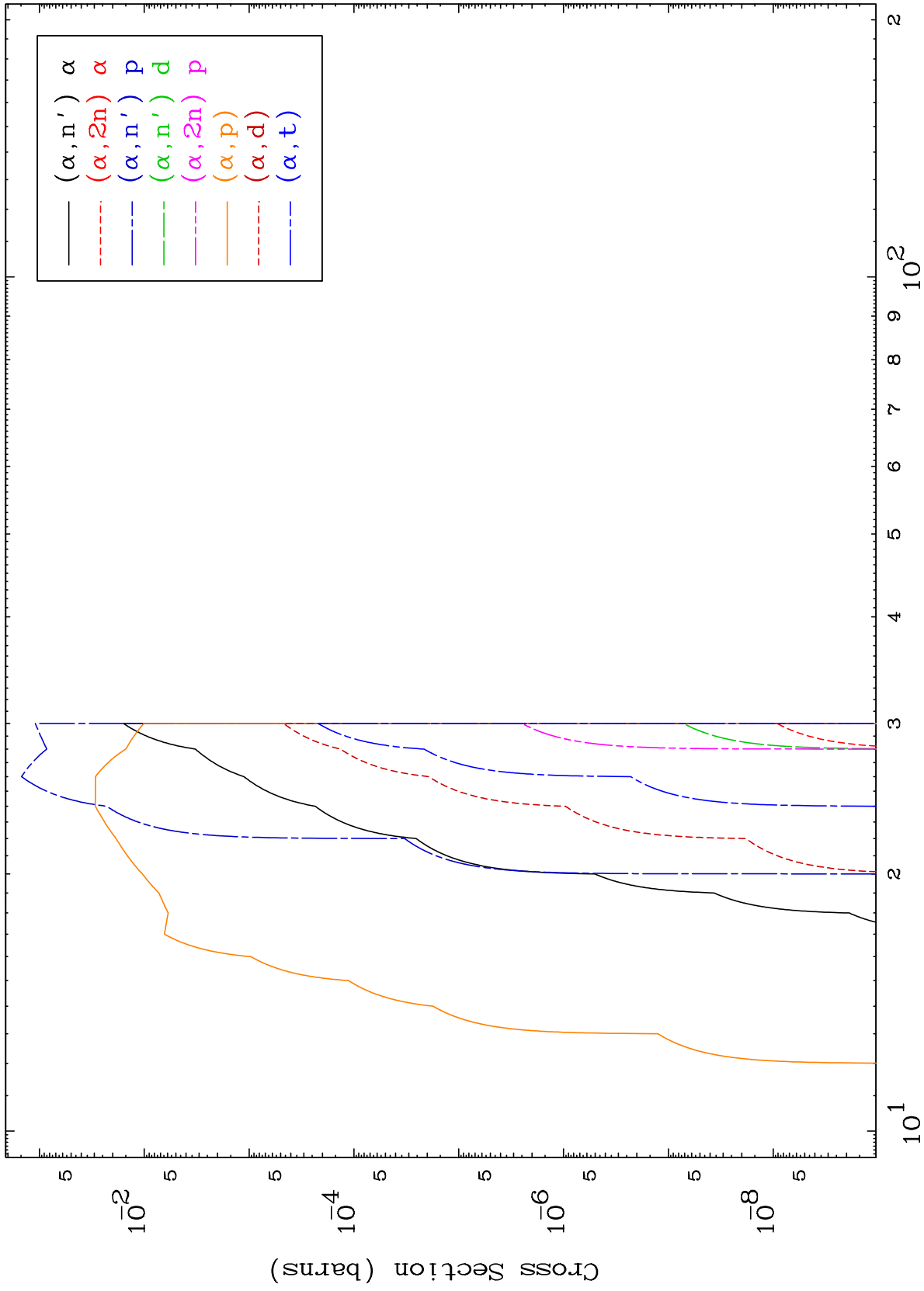
Incident Energy (MeV)

64-Gd-146

MAT 6407

α Charged Particle
0 Kelvin Cross Sections

64-Gd-146



64-Gd-146

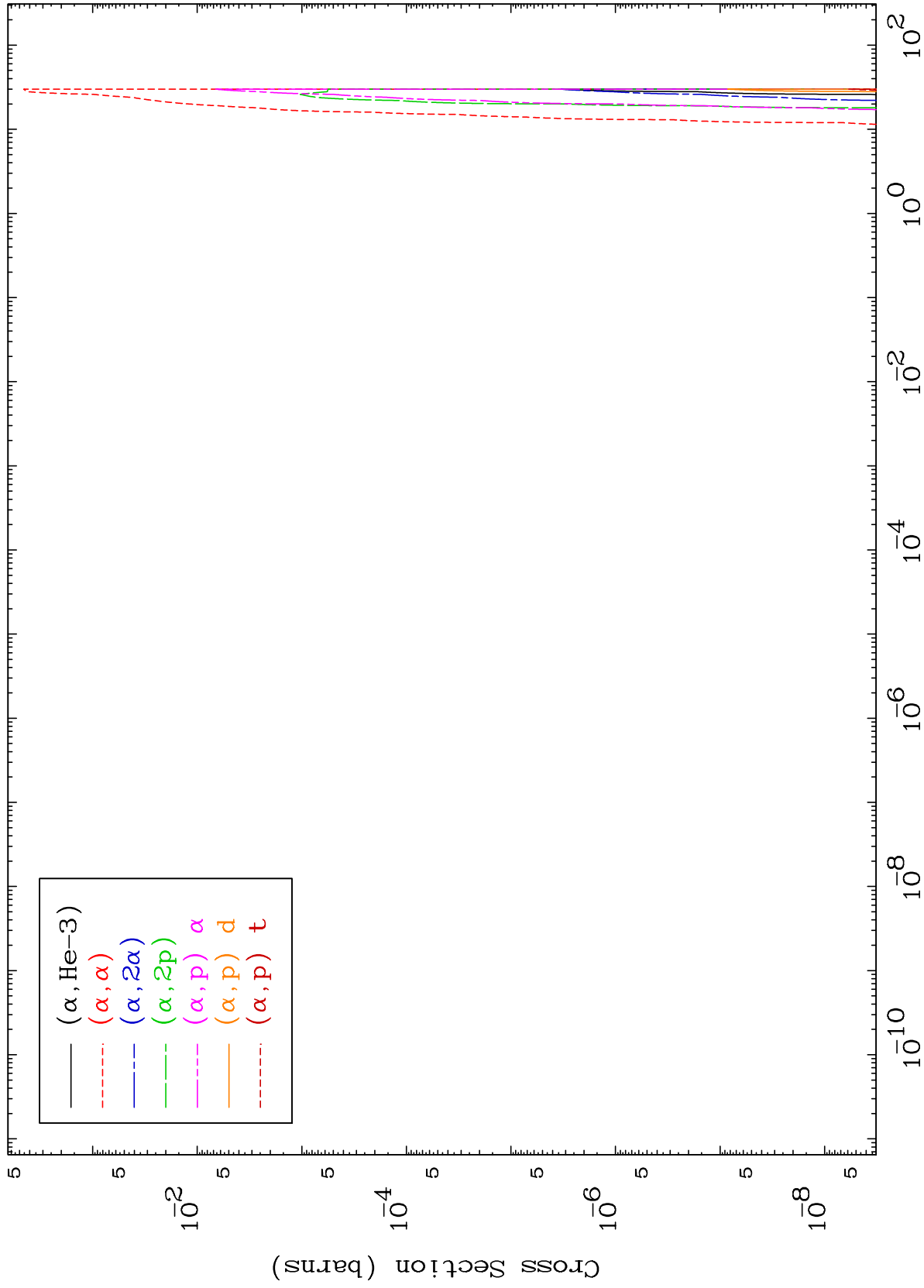
Incident Energy (MeV)

3

MAT 6407

α Charged Particle
0 Kelvin Cross Sections

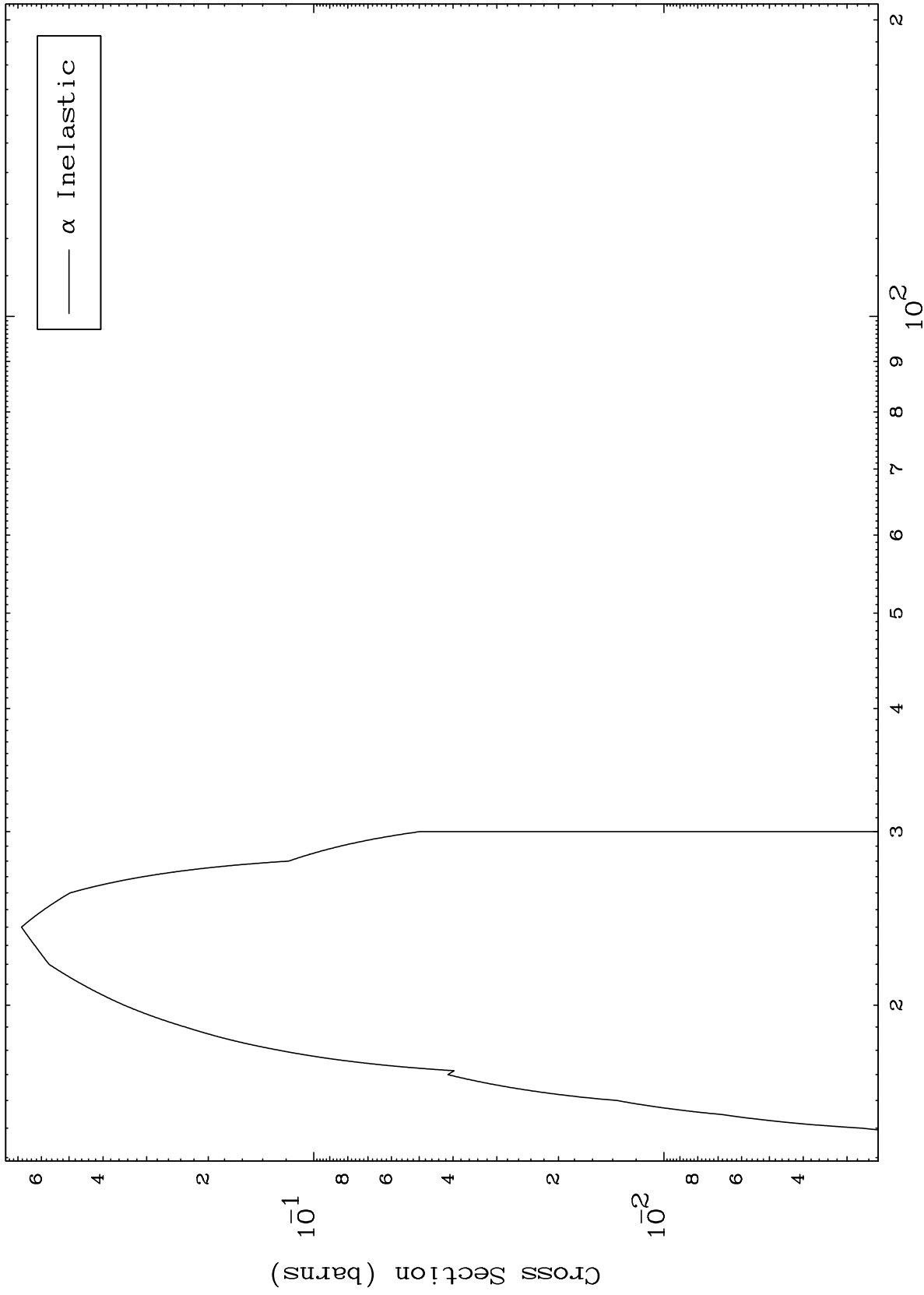
64-Gd-146



MAT 6407

(α, n') Level
0 Kelvin Cross Sections

64-Gd-146



— α Inelastic

5

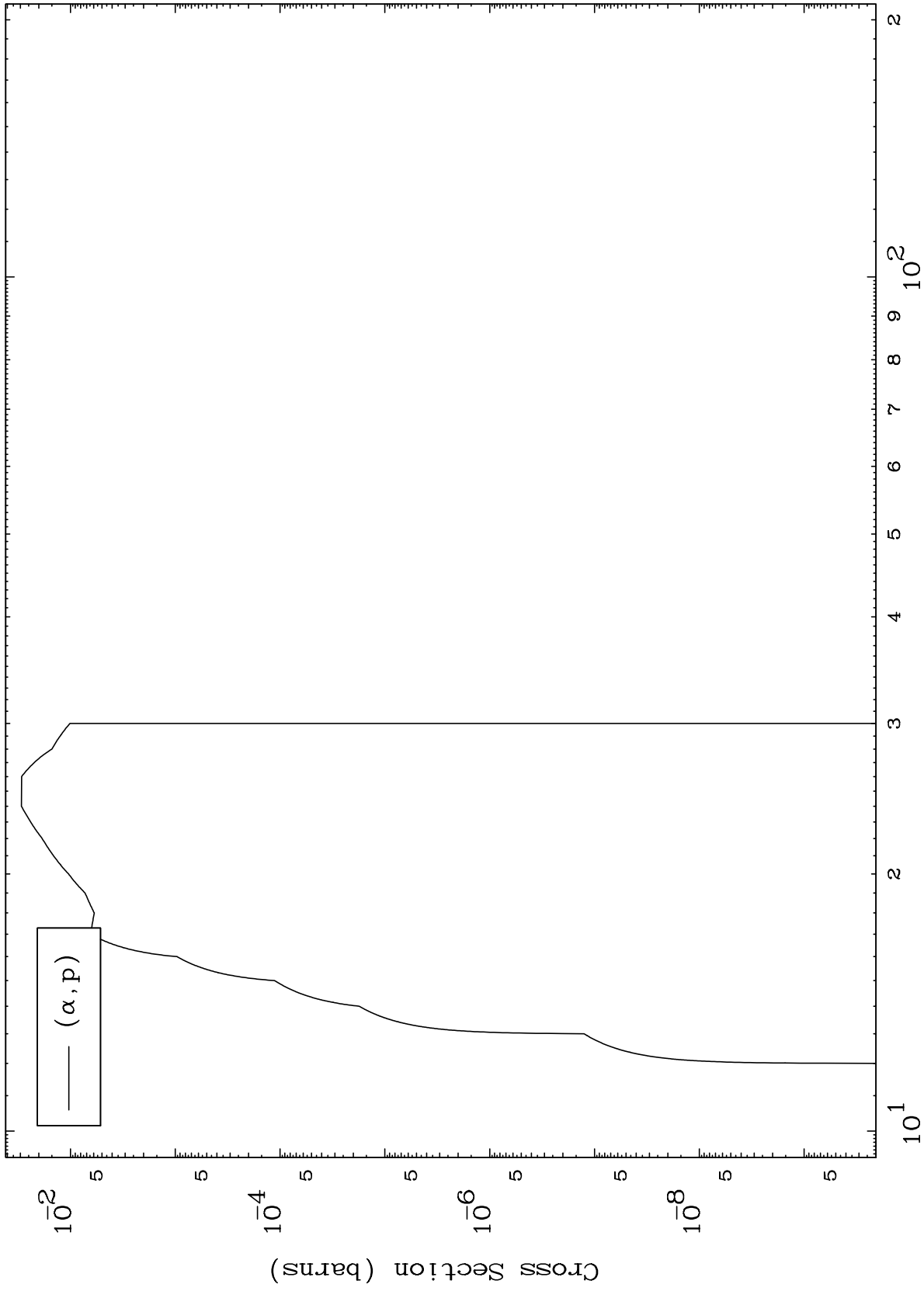
Incident Energy (MeV)

64-Gd-146

MAT 6407

(α, p) Levels
0 Kelvin Cross Sections

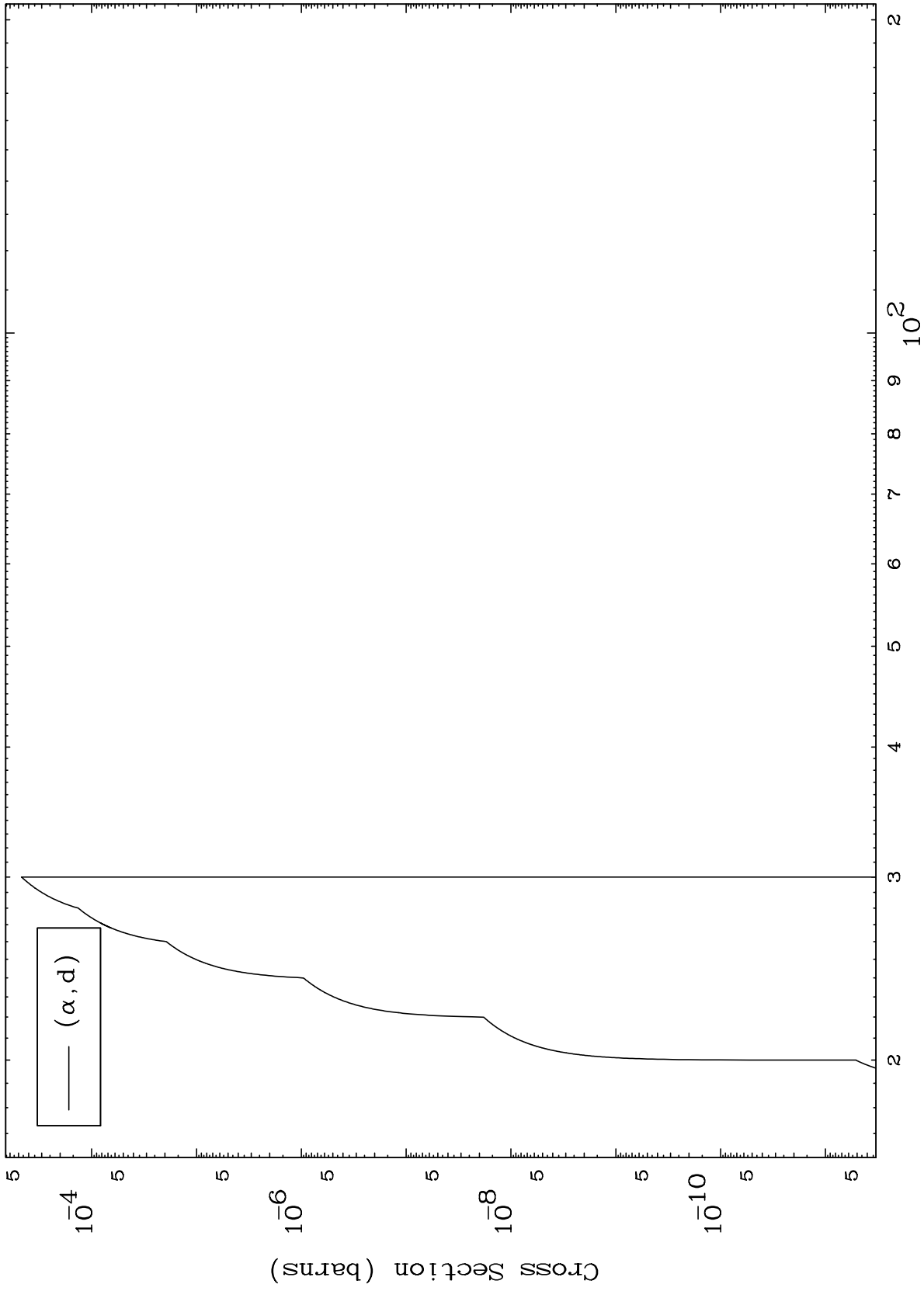
64-Gd-146



MAT 6407

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-146



7

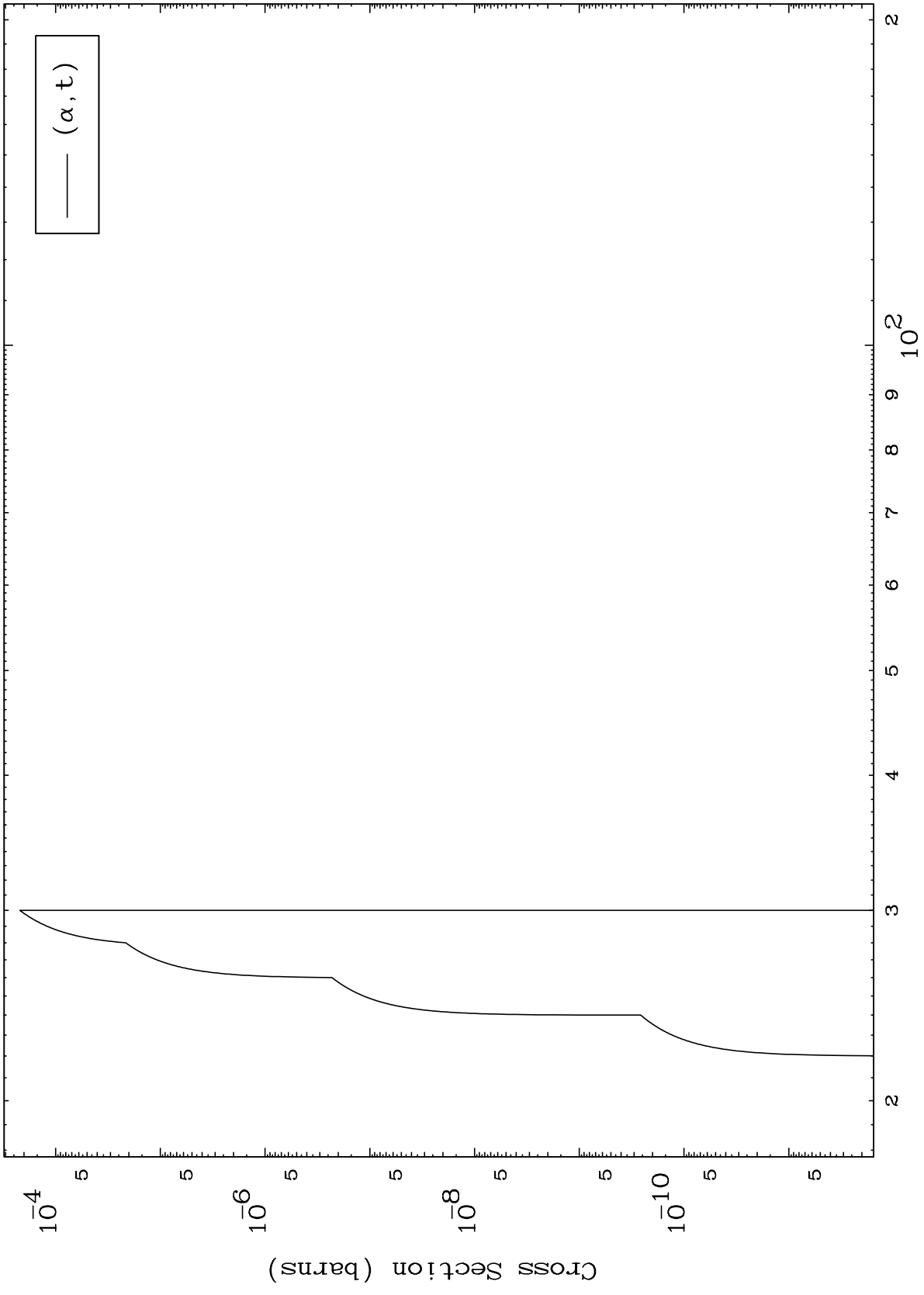
Incident Energy (MeV)

64-Gd-146

MAT 6407

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-146



8

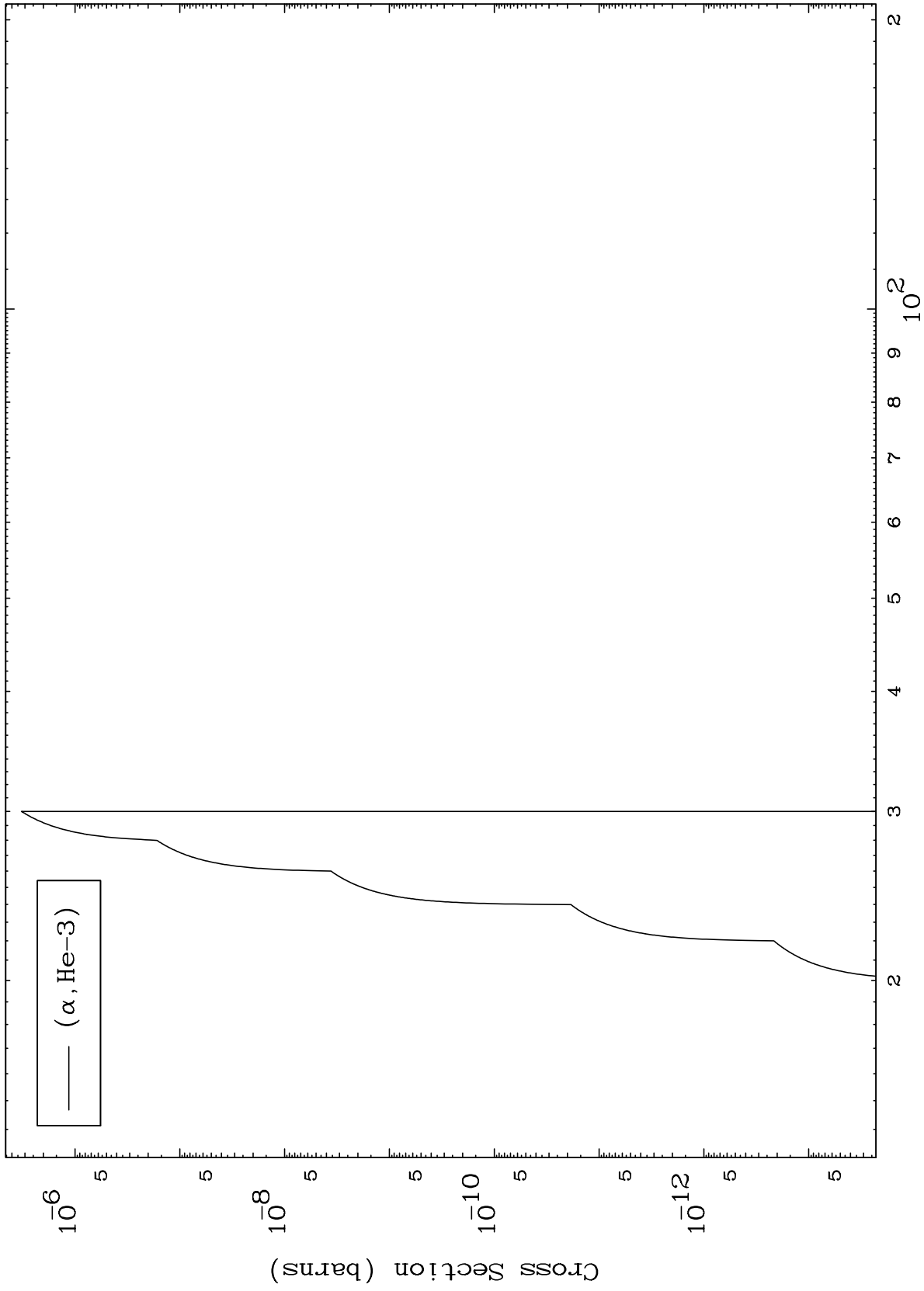
Incident Energy (MeV)

64-Gd-146

MAT 6407

(α ,He3) Levels
0 Kelvin Cross Sections

64-Gd-146



9

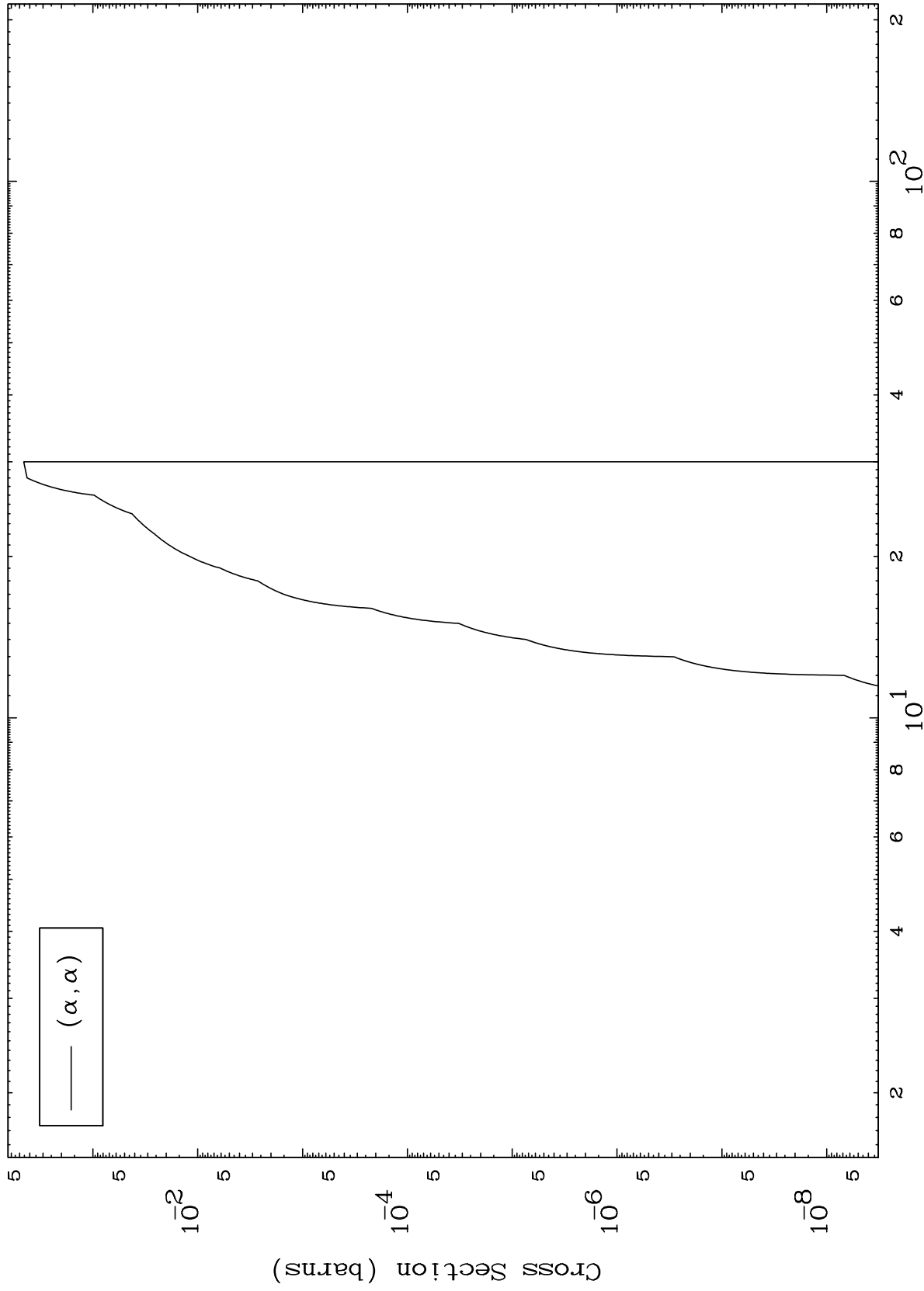
Incident Energy (MeV)

64-Gd-146

MAT 6407

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-146



10

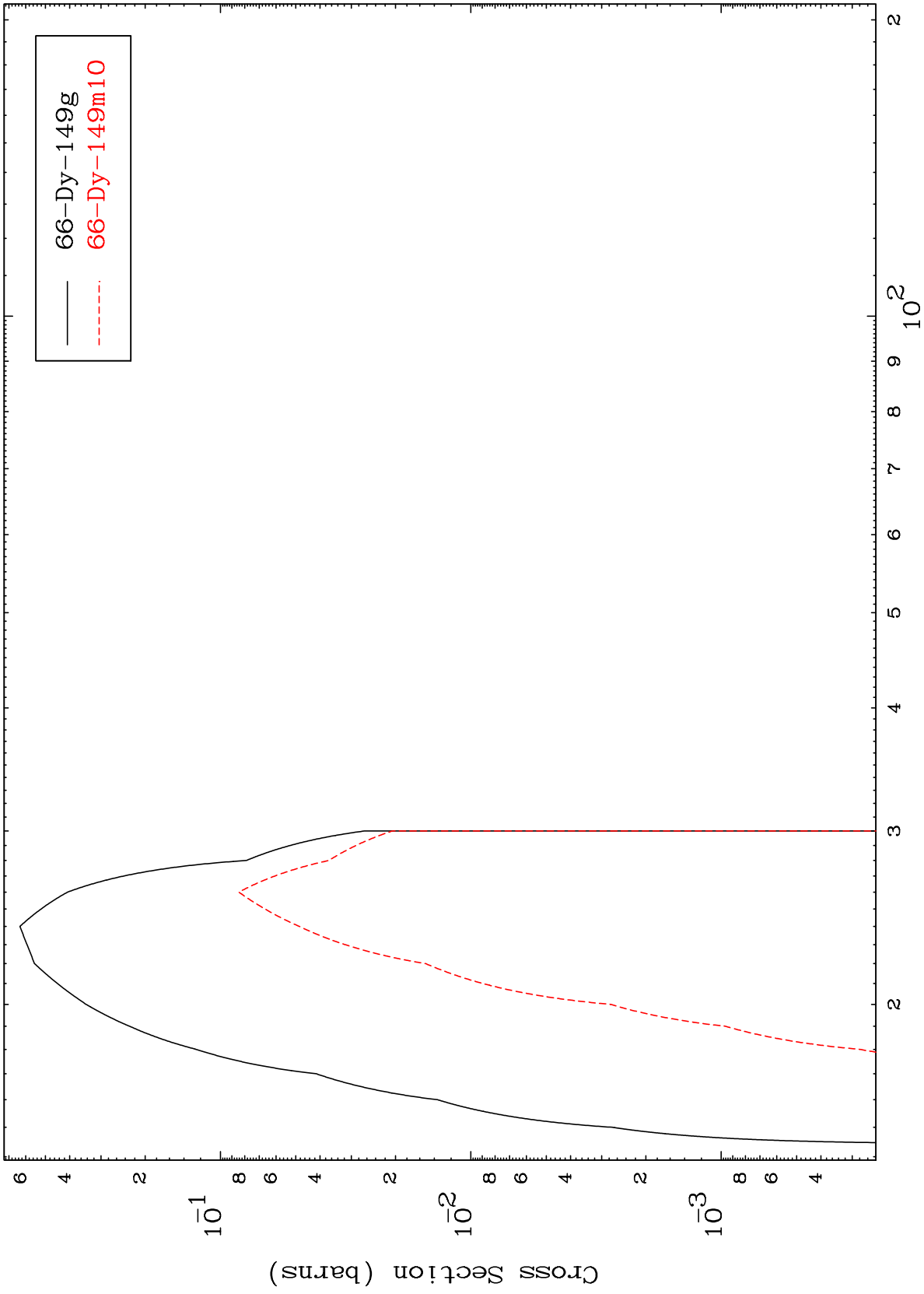
Incident Energy (MeV)

64-Gd-146

MAT 6407

α Inelastic
Radionuclide Production Cross Section

64-Gd-146



11

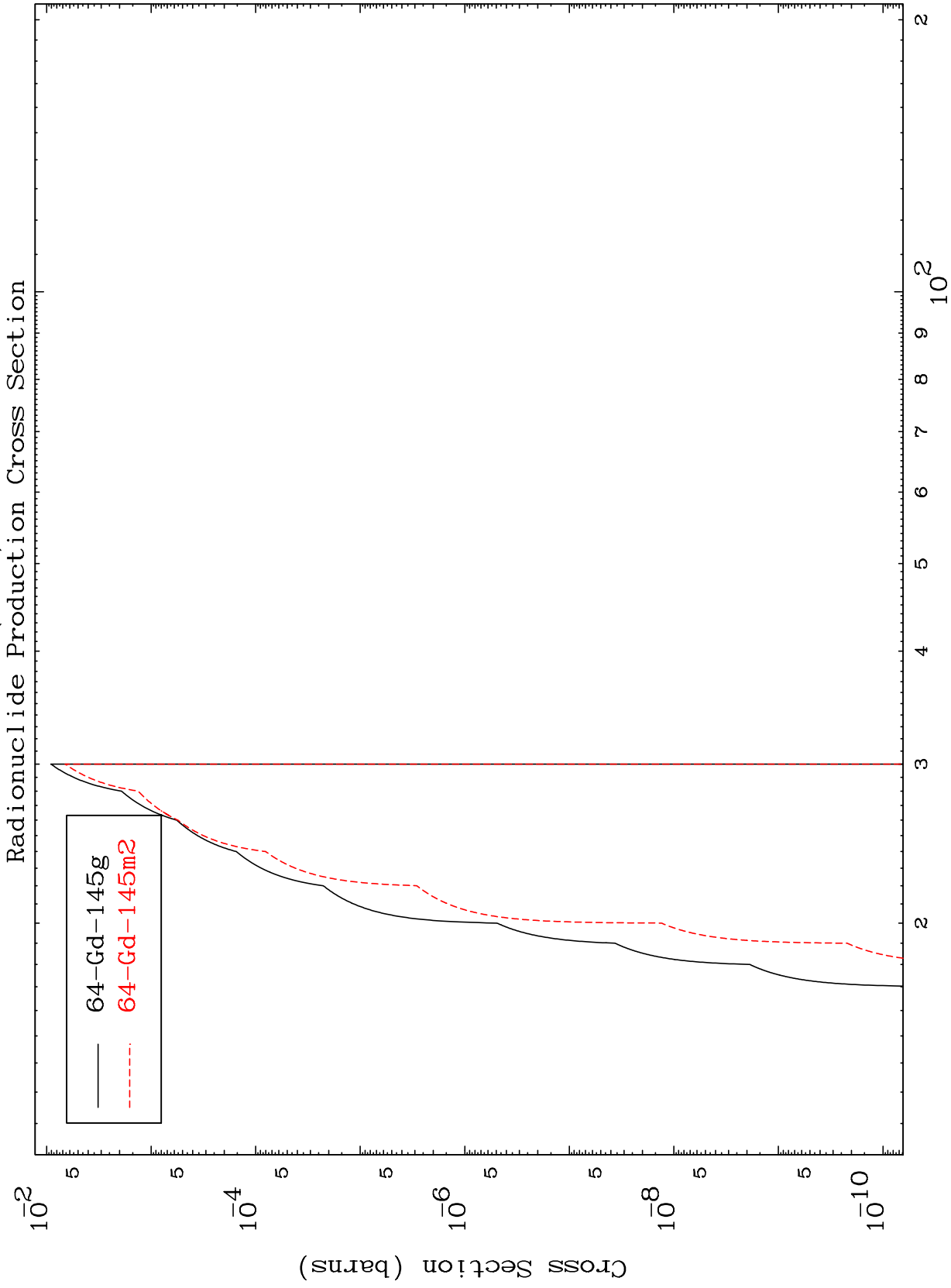
Incident Energy (MeV)

64-Gd-146

MAT 6407

(α, n') α

64-Gd-146



12

Incident Energy (MeV)

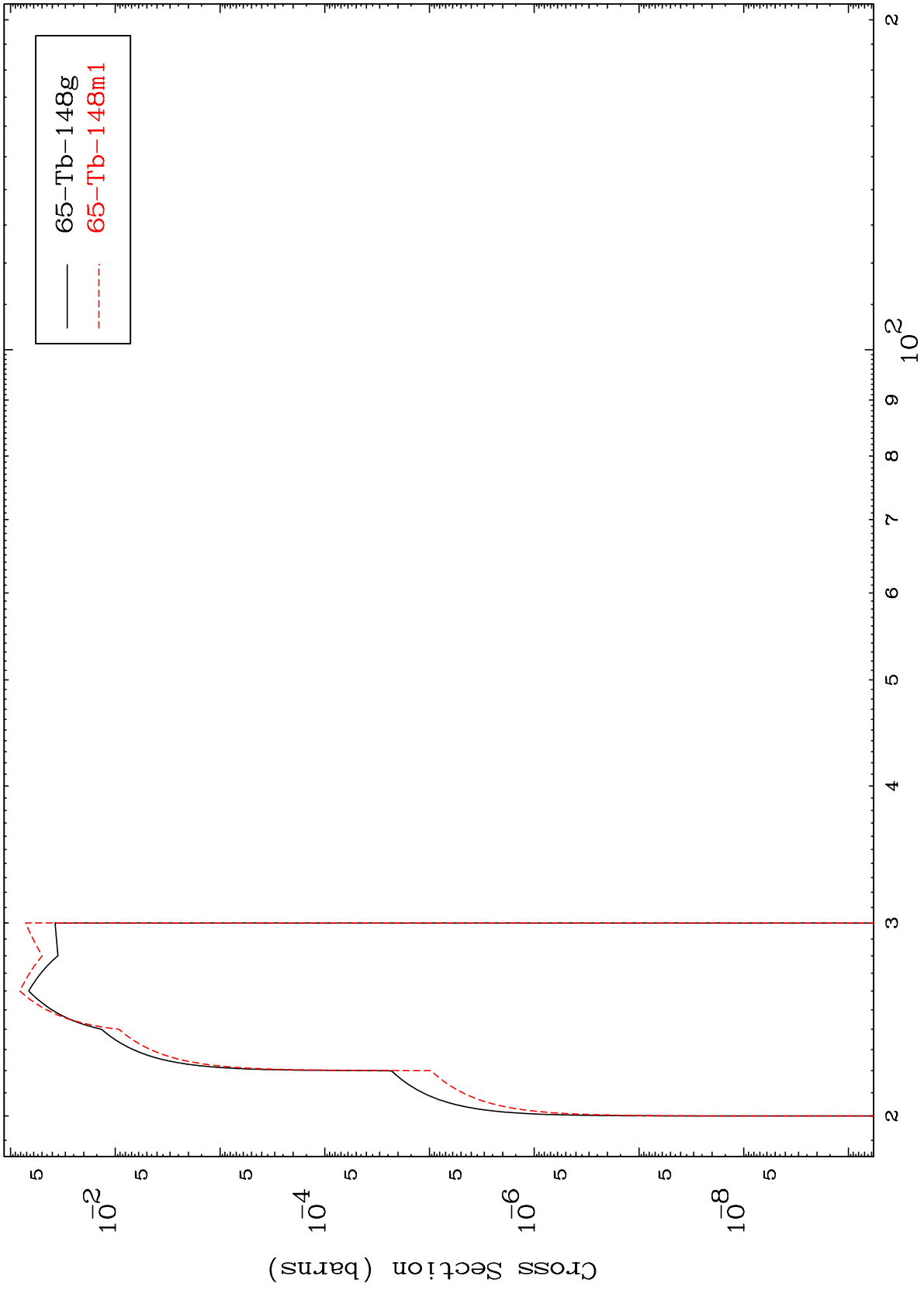
64-Gd-146

MAT 6407

(α, n') p

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

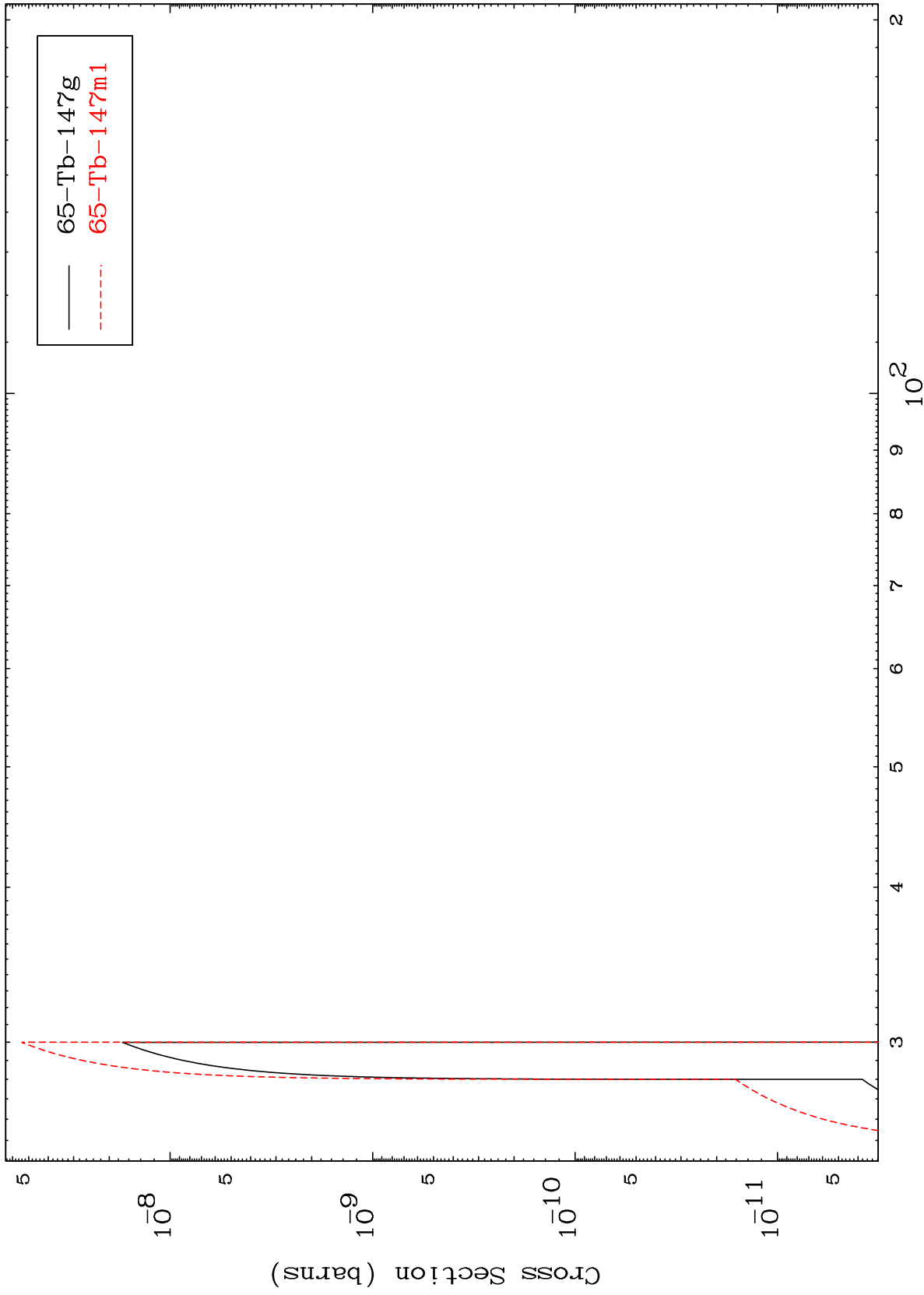
64-Gd-146

MAT 6407

(α, n') d

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

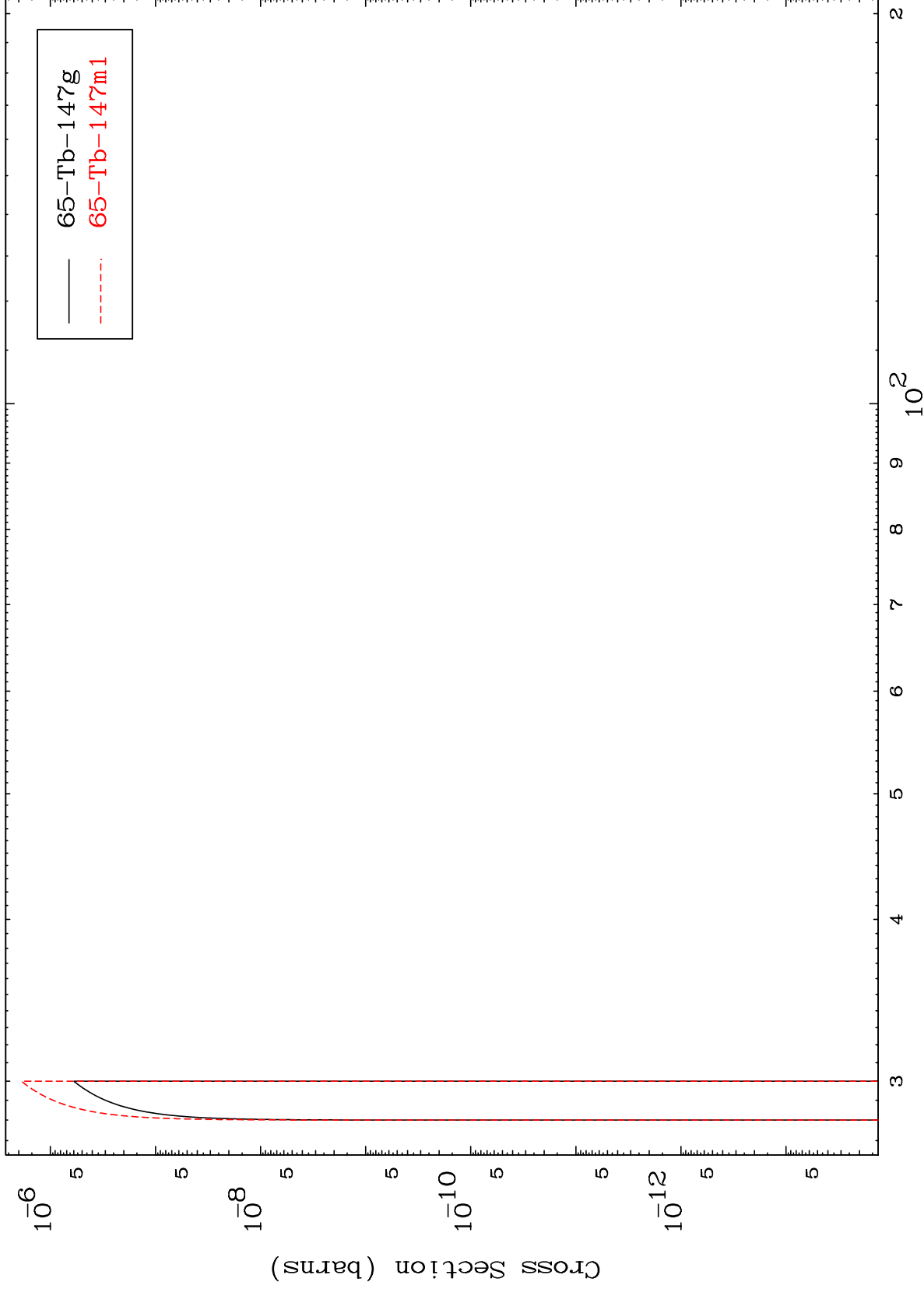
64-Gd-146

MAT 6407

$(\alpha, 2n)$ p

64-Gd-146

Radionuclide Production Cross Section



15

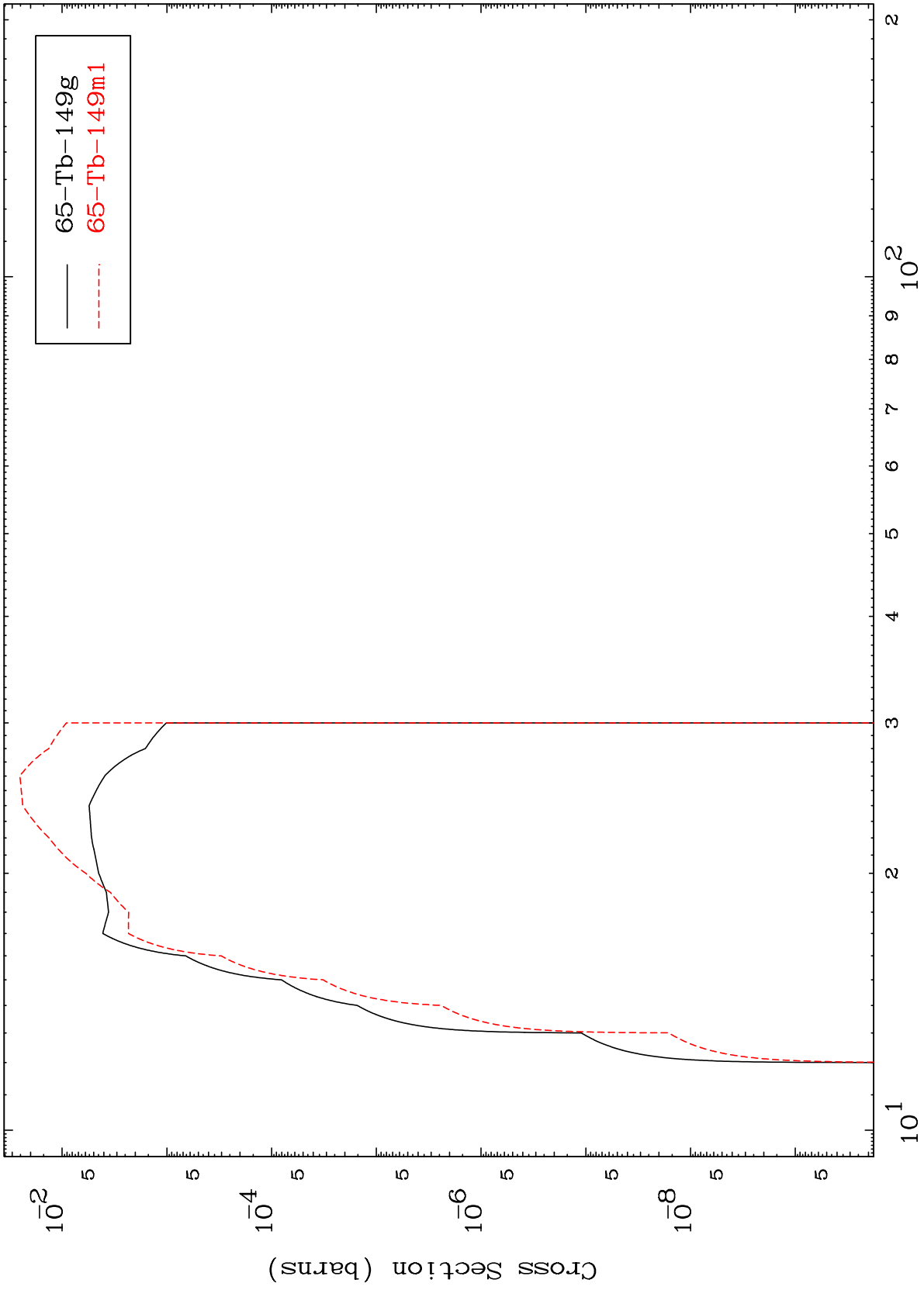
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

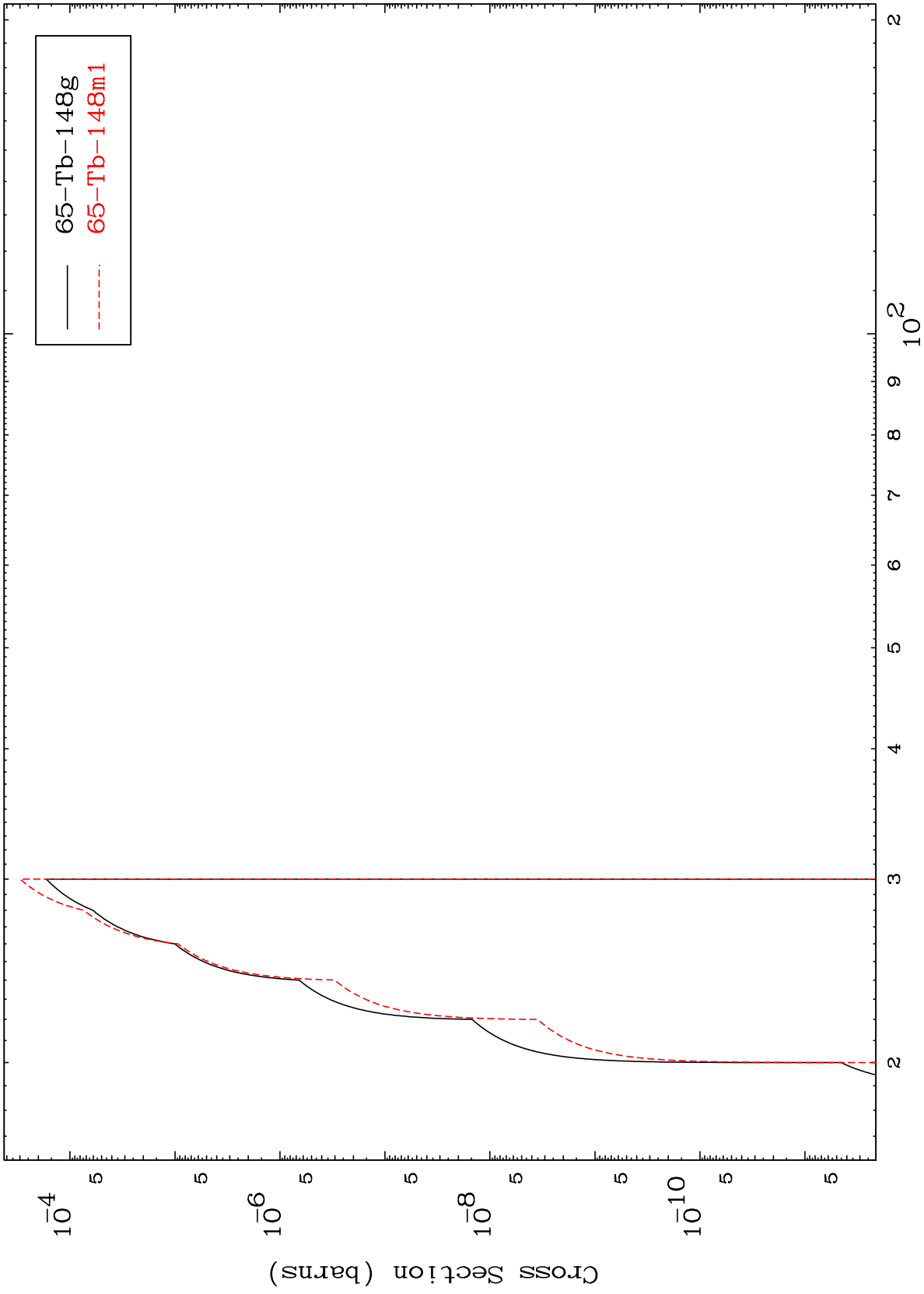
64-Gd-146

MAT 6407

(α, d)

64-Gd-146

Radionuclide Production Cross Section



17

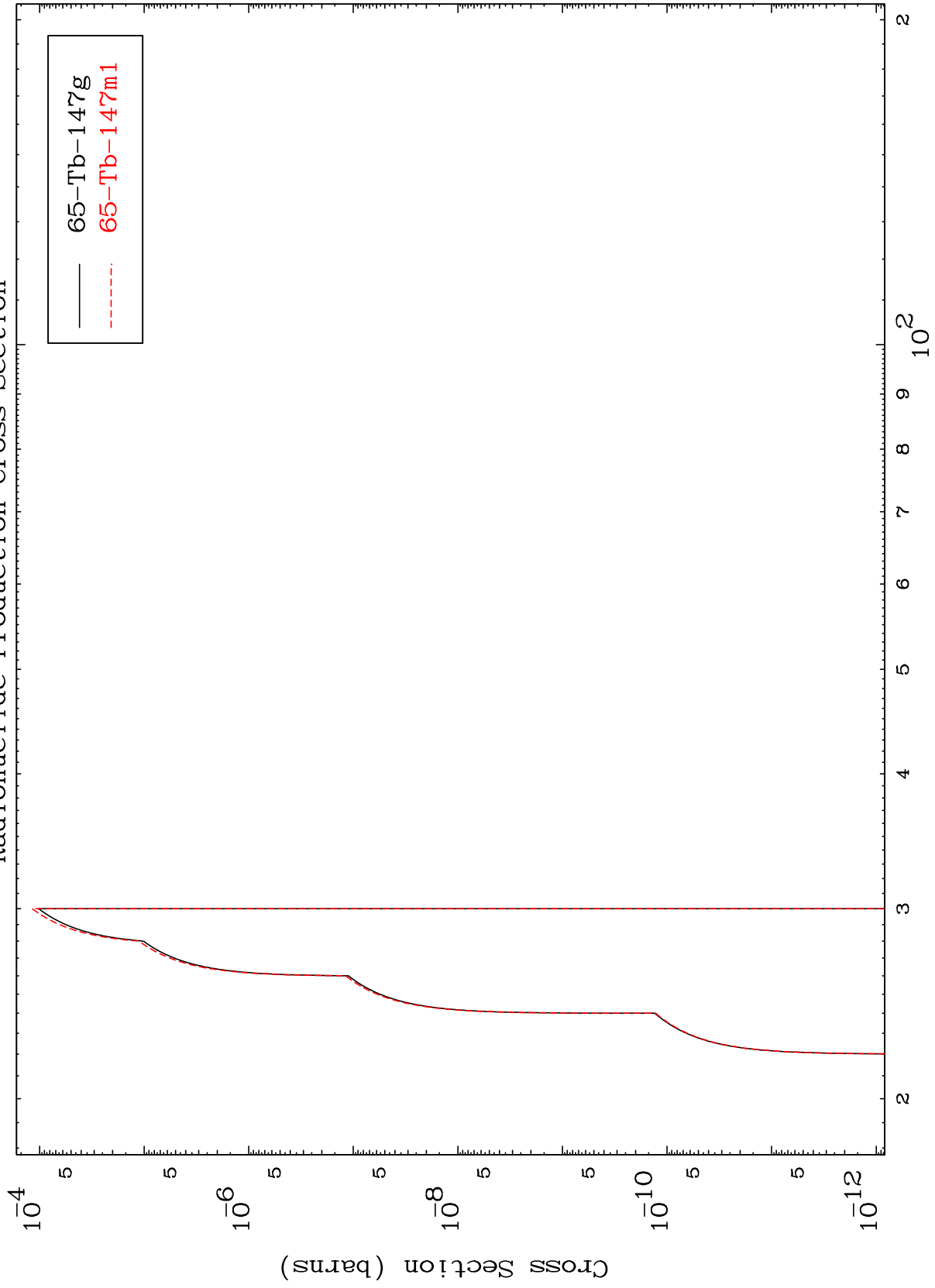
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(α, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

64-Gd-146