

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

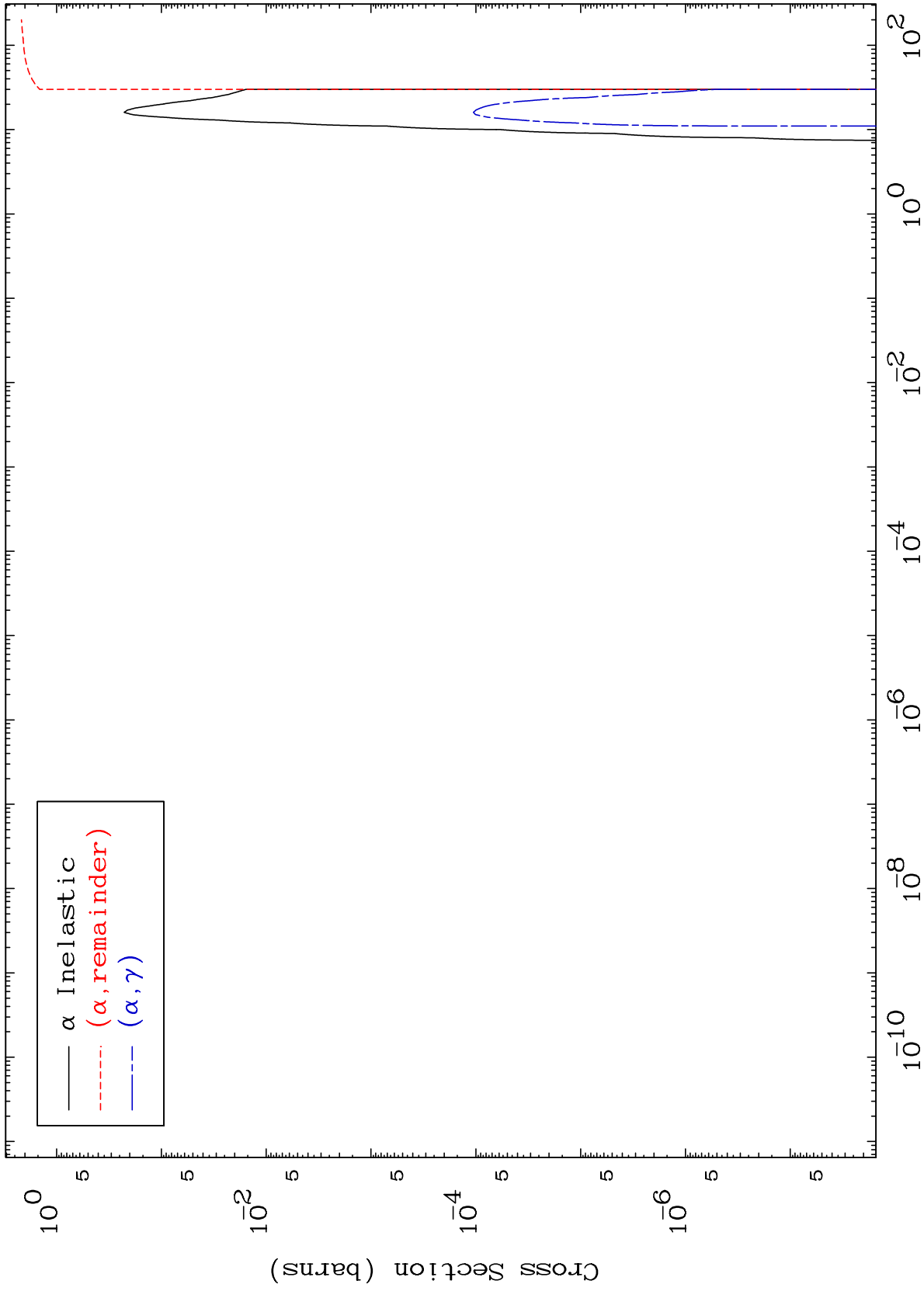
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4932

0 Kelvin α Major
Cross Sections

49-In-115



1

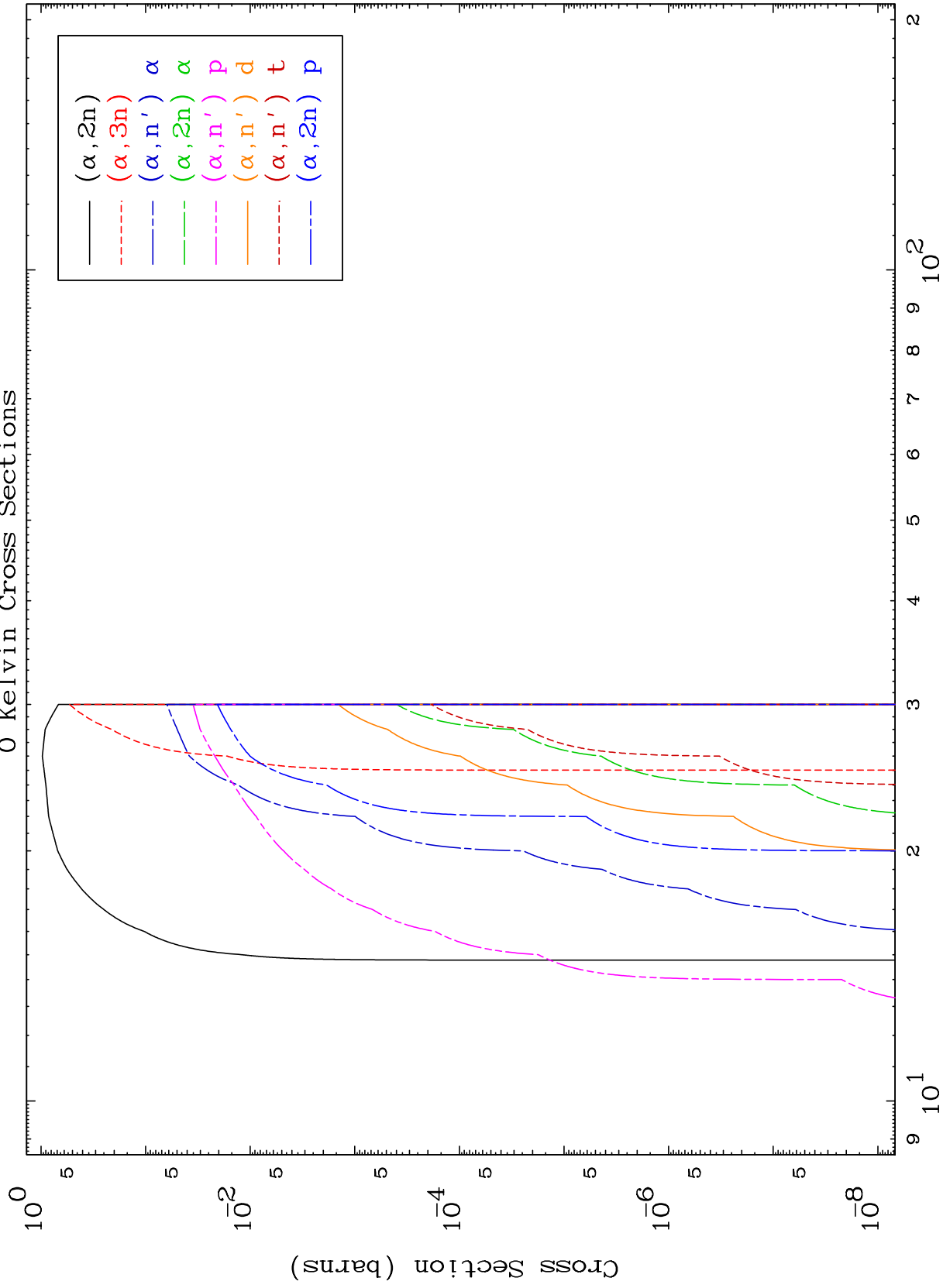
Incident Energy (MeV)

49-In-115

MAT 4932

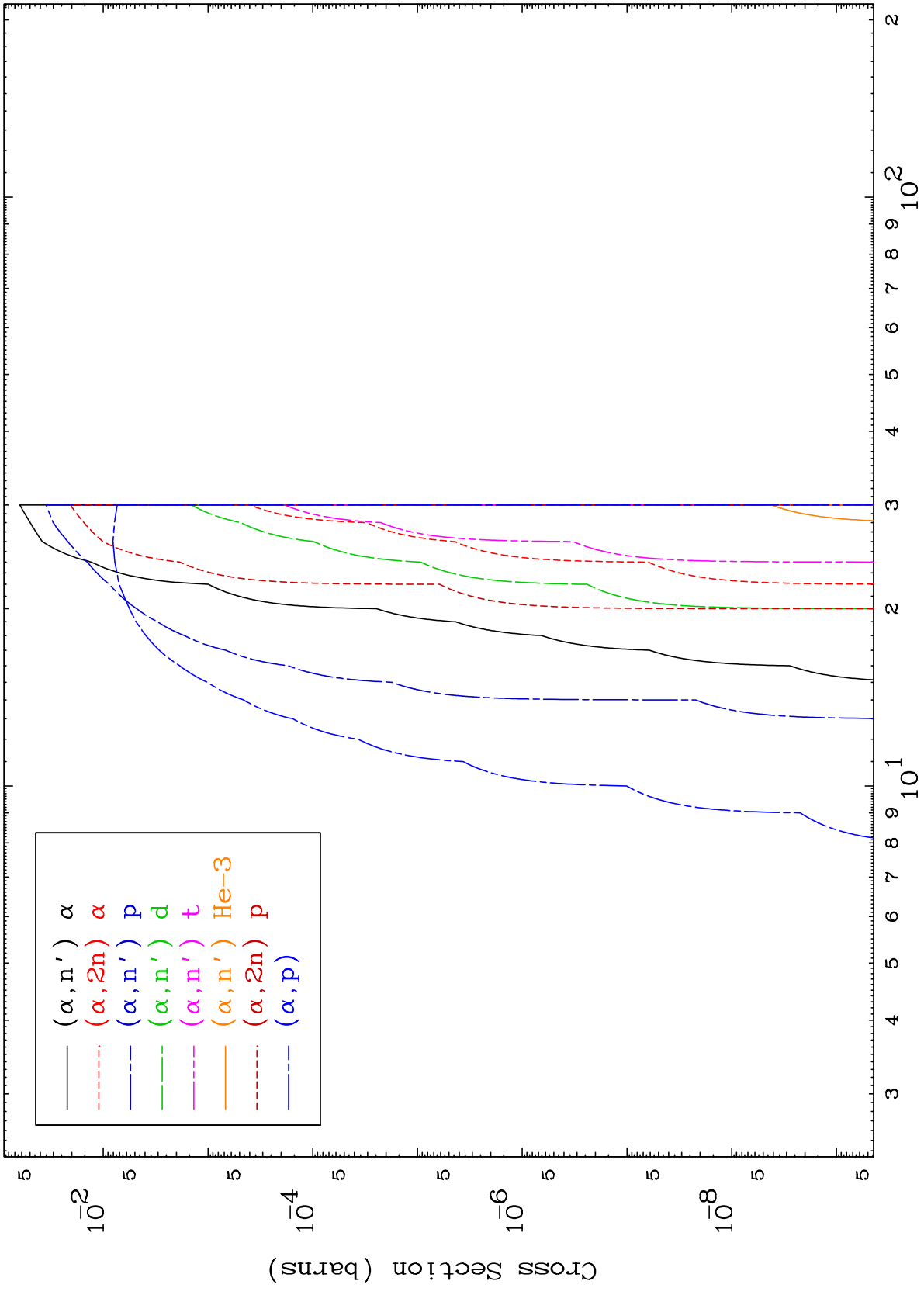
α Neutron Production
0 Kelvin Cross Sections

49-In-115



Incident Energy (MeV)

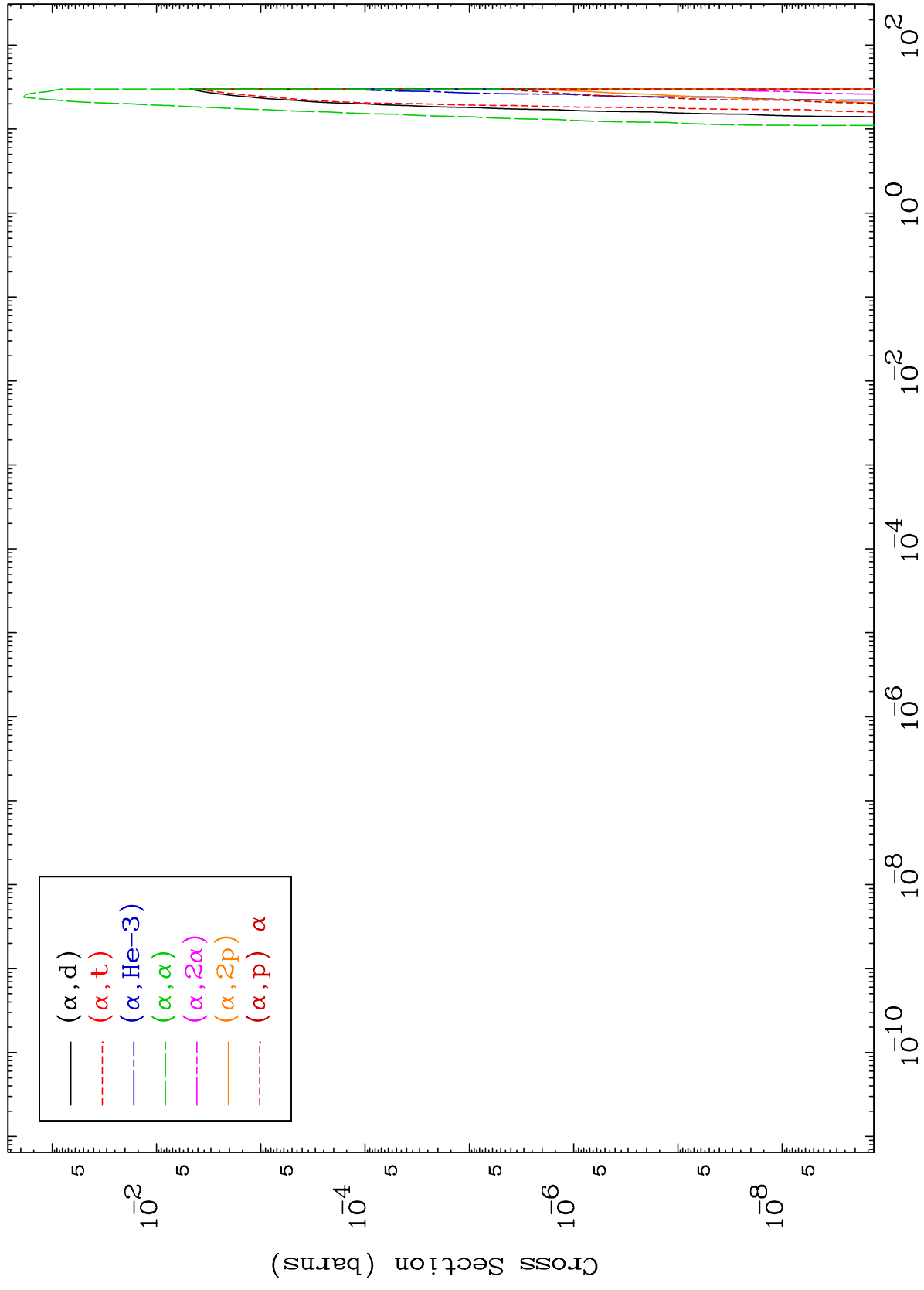
49-In-115



MAT 4932

α Charged Particle
0 Kelvin Cross Sections

49-In-115

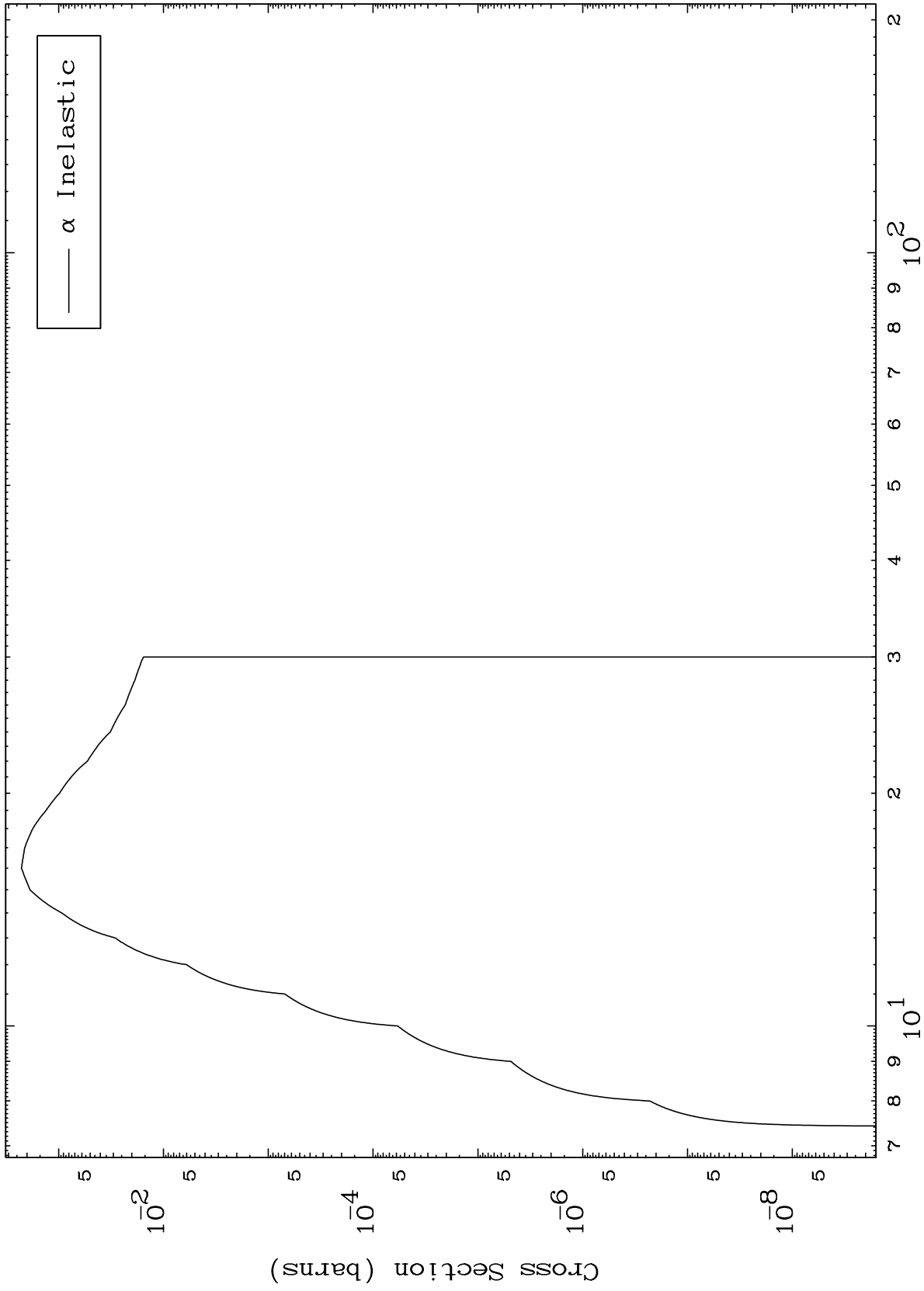


49-In-115

MAT 4932

(α, n') Level
0 Kelvin Cross Sections

49-In-115



5

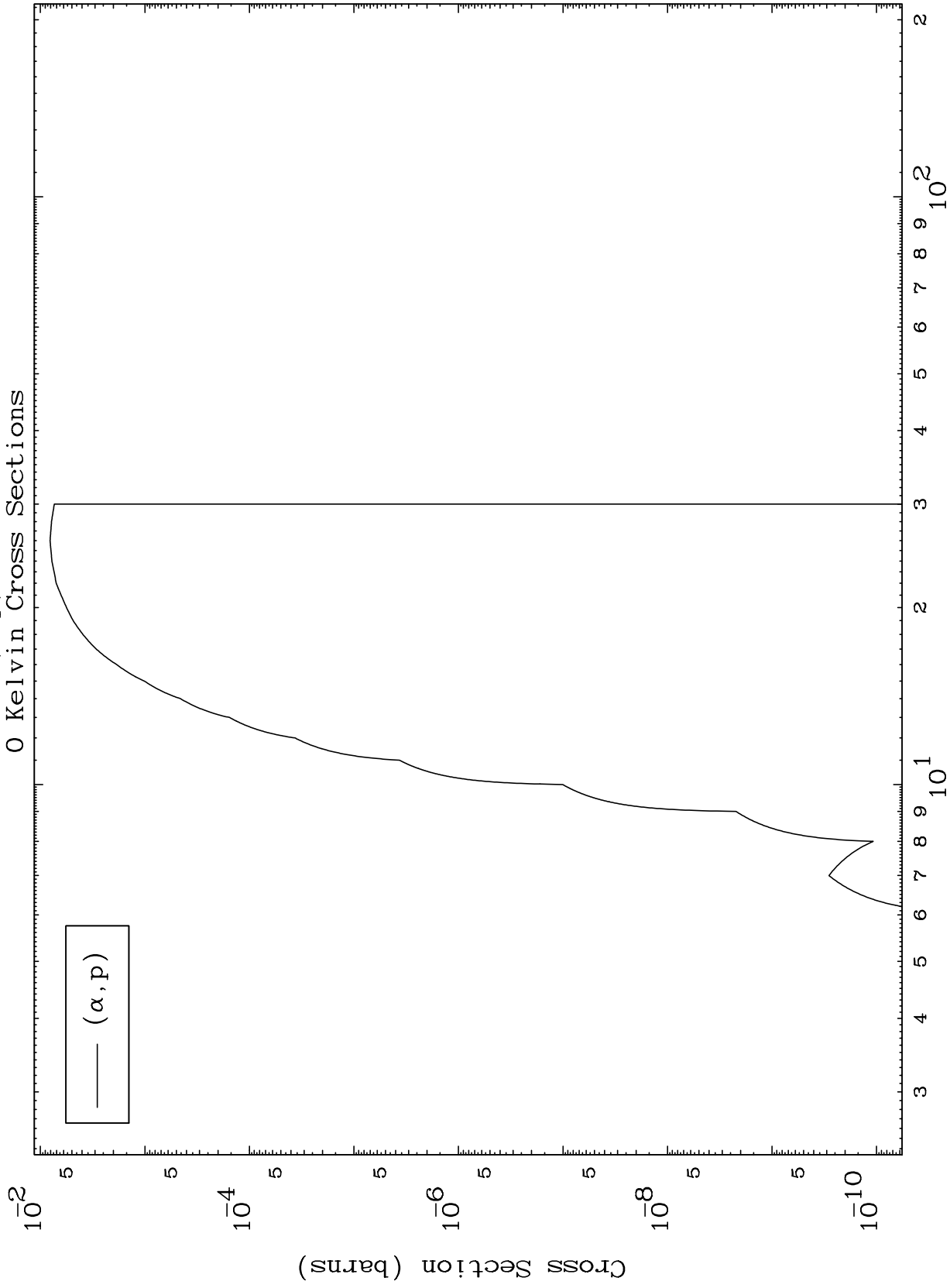
Incident Energy (MeV)

49-In-115

MAT 4932

(α, p) Levels
0 Kelvin Cross Sections

49-In-115



6

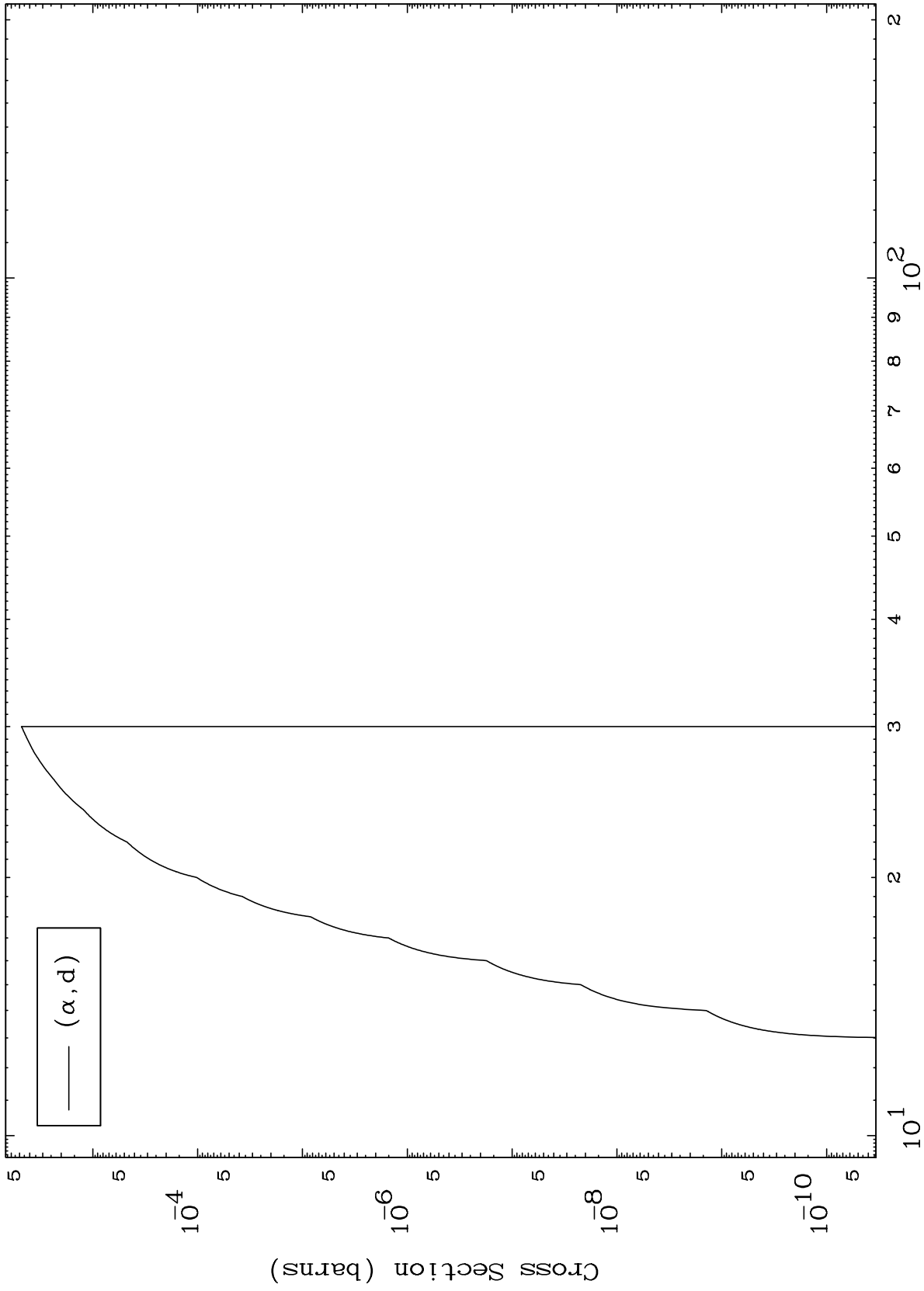
Incident Energy (MeV)

49-In-115

MAT 4932

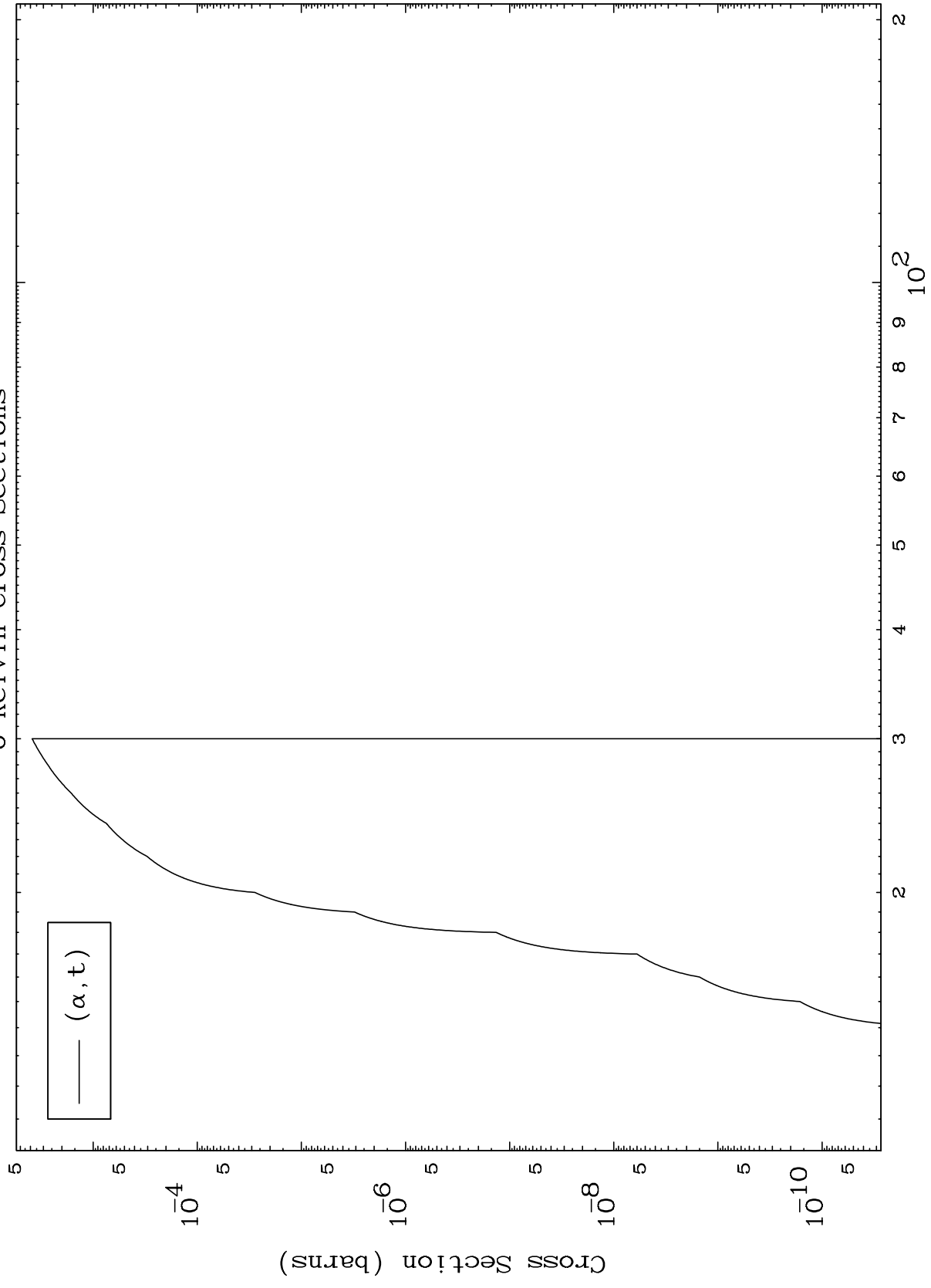
(α, d) Levels
0 Kelvin Cross Sections

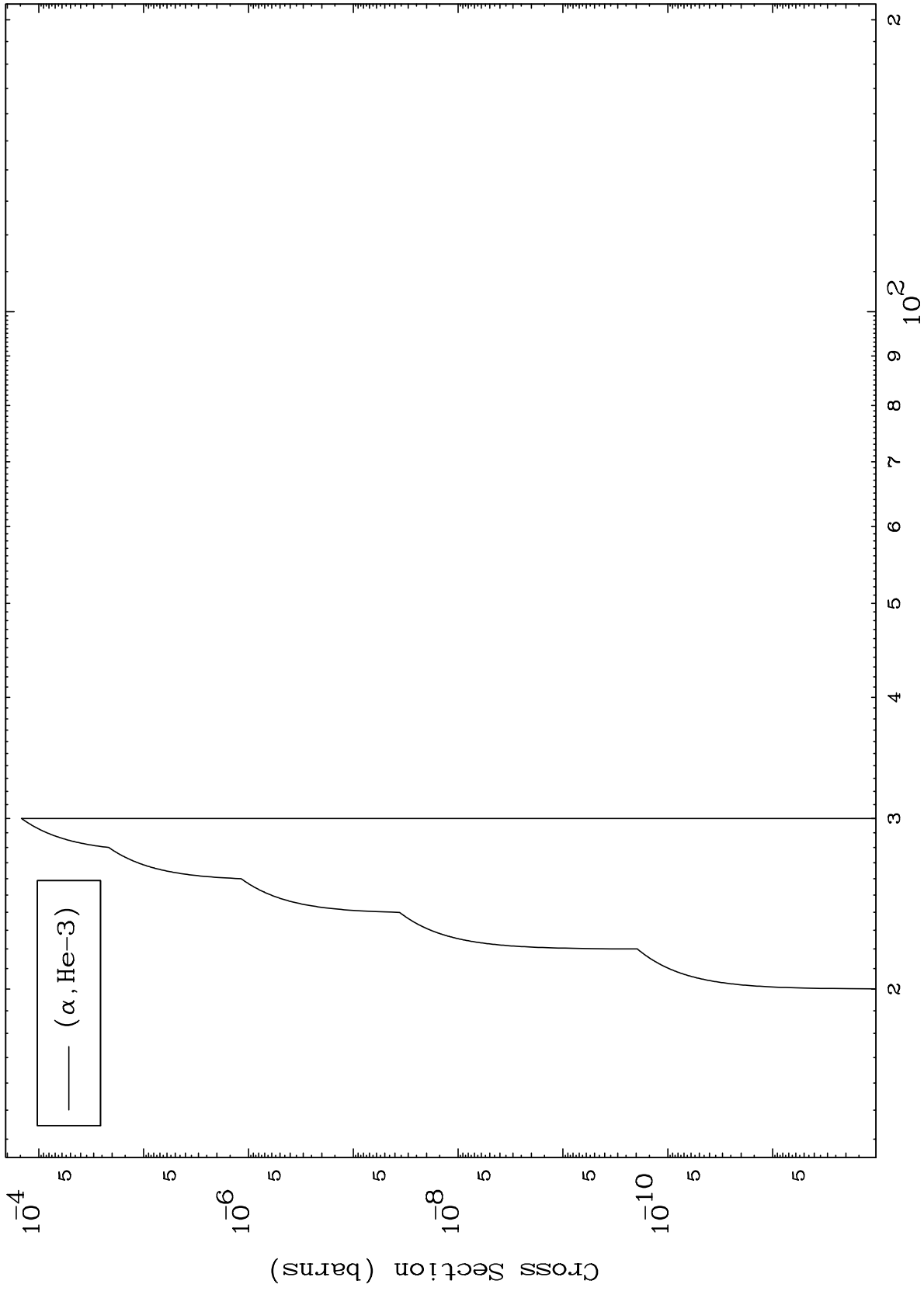
49-In-115



Incident Energy (MeV)

49-In-115

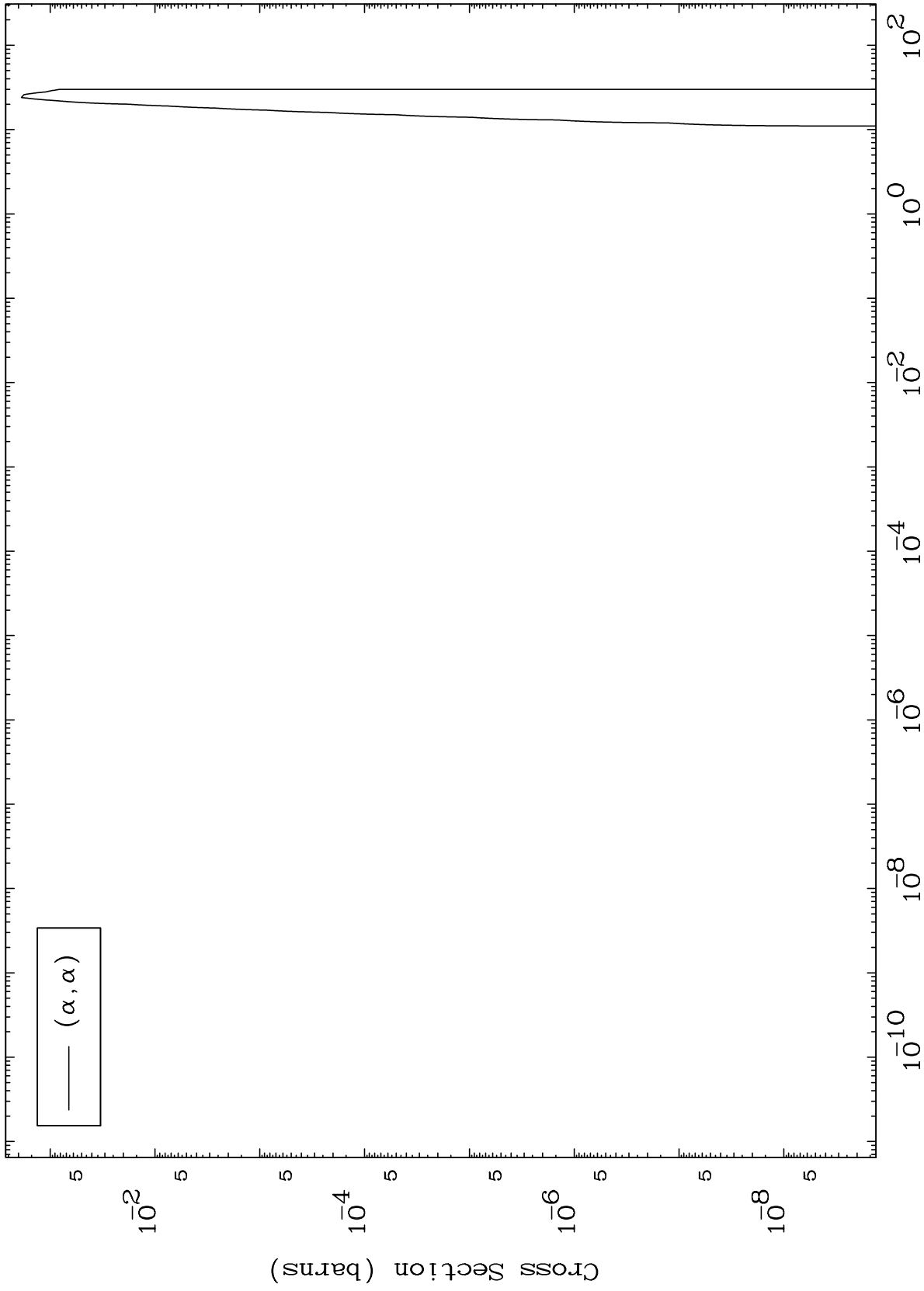




MAT 4932

(α, α) Levels
0 Kelvin Cross Sections

49-In-115

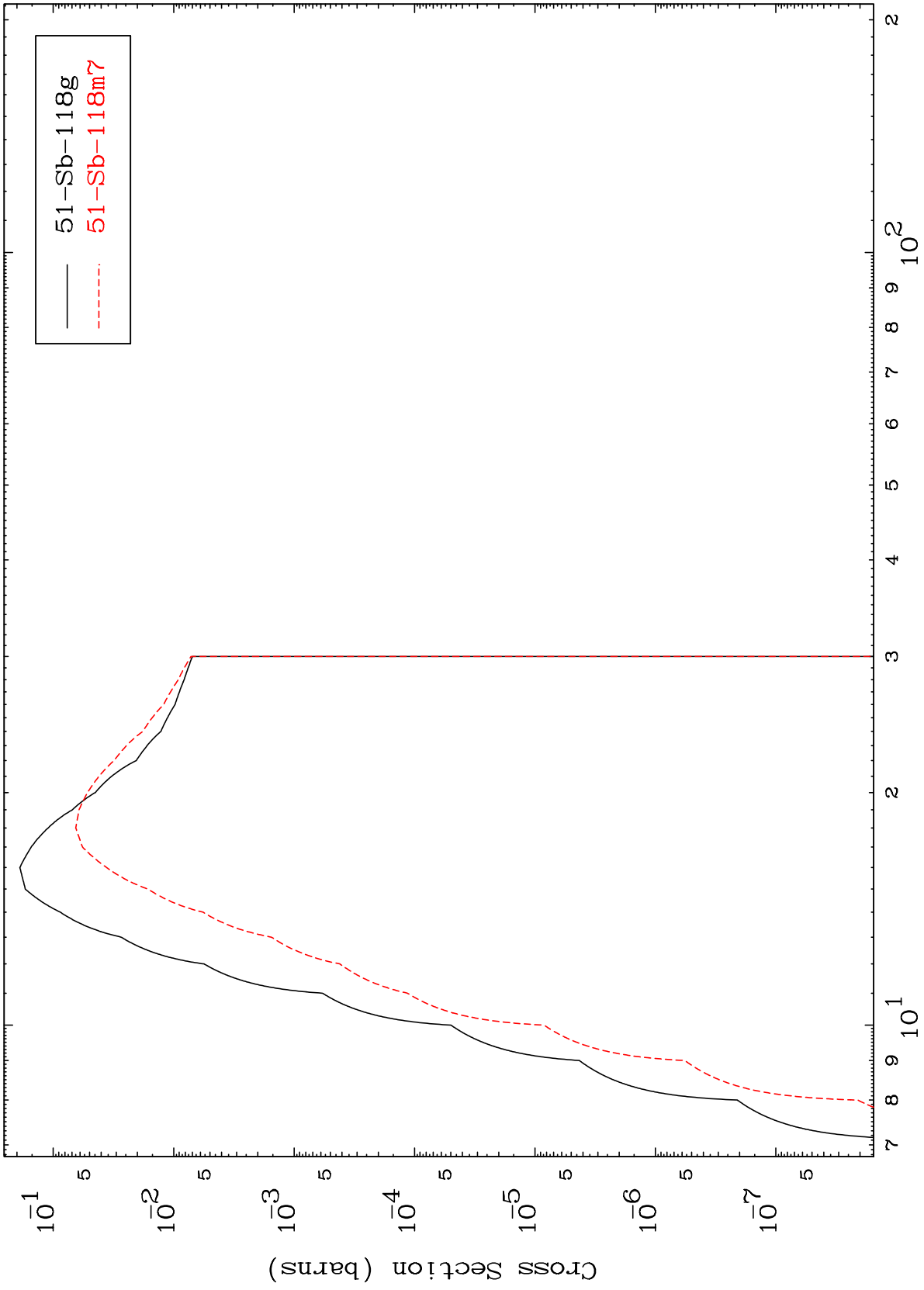


10

Incident Energy (MeV)

49-In-115

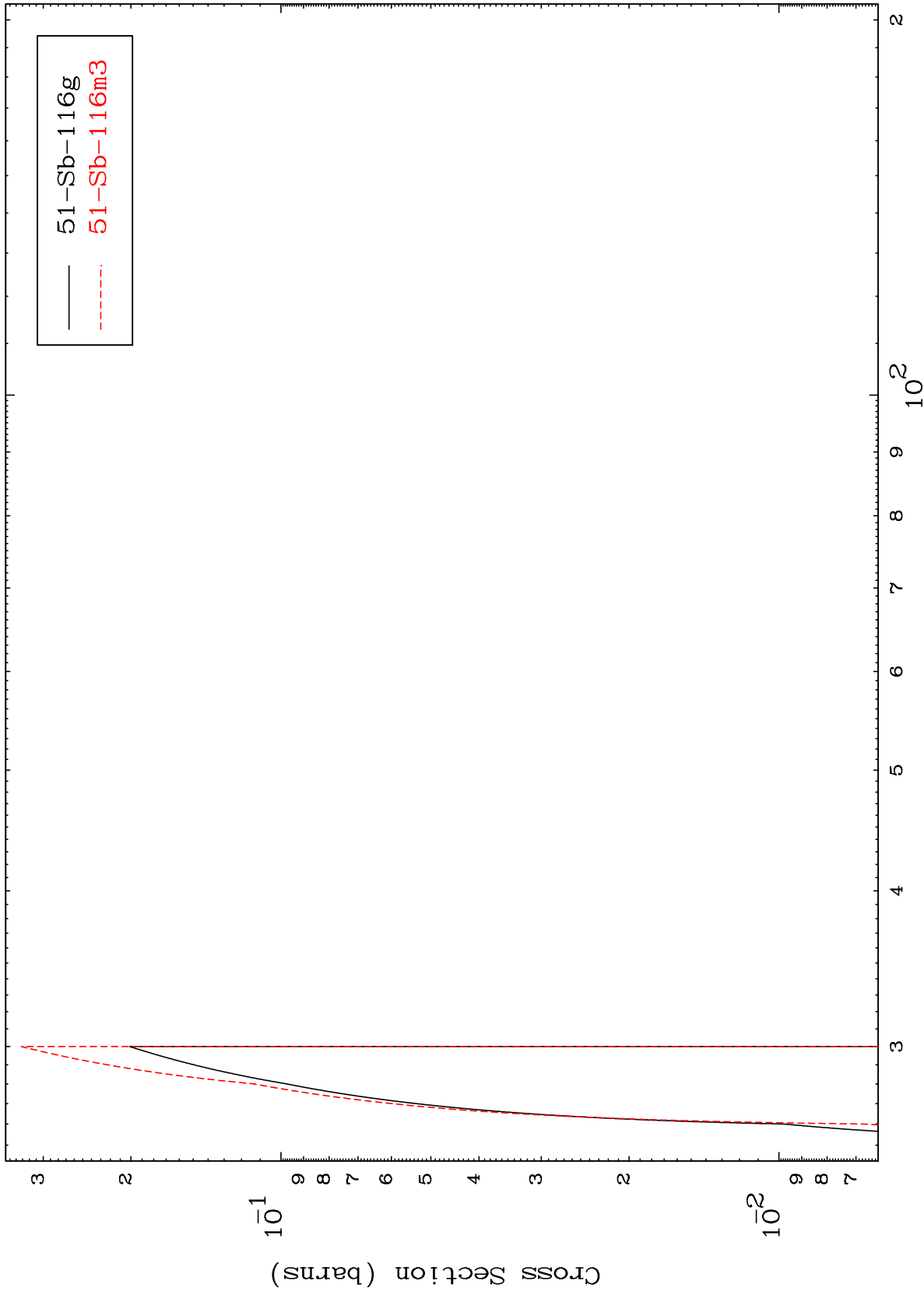
α Inelastic
Radionuclide Production Cross Section



MAT 4932

49-In-115

($\alpha, 3n$)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

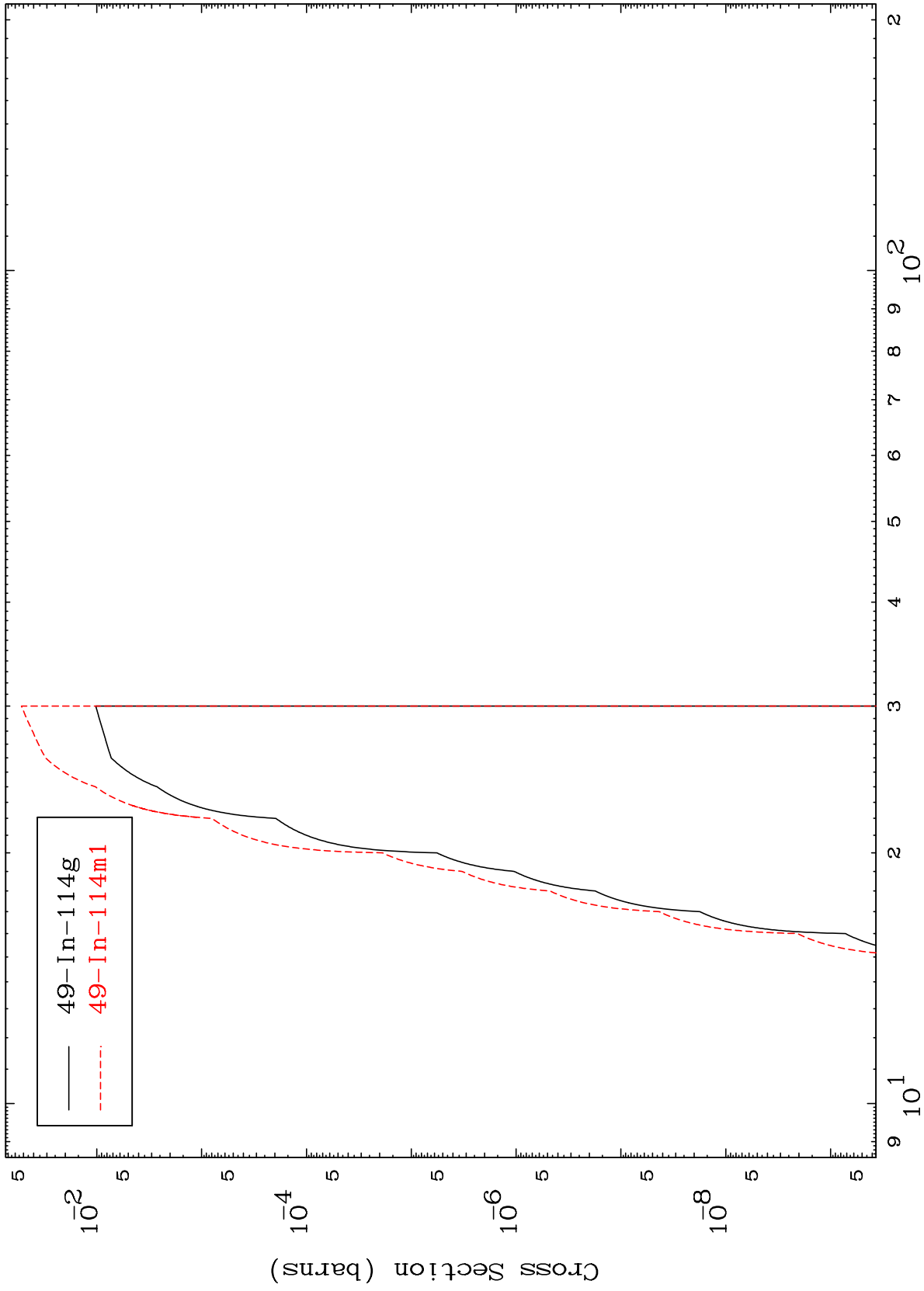
49-In-115

MAT 4932

(α, n') α

49-In-115

Radionuclide Production Cross Section



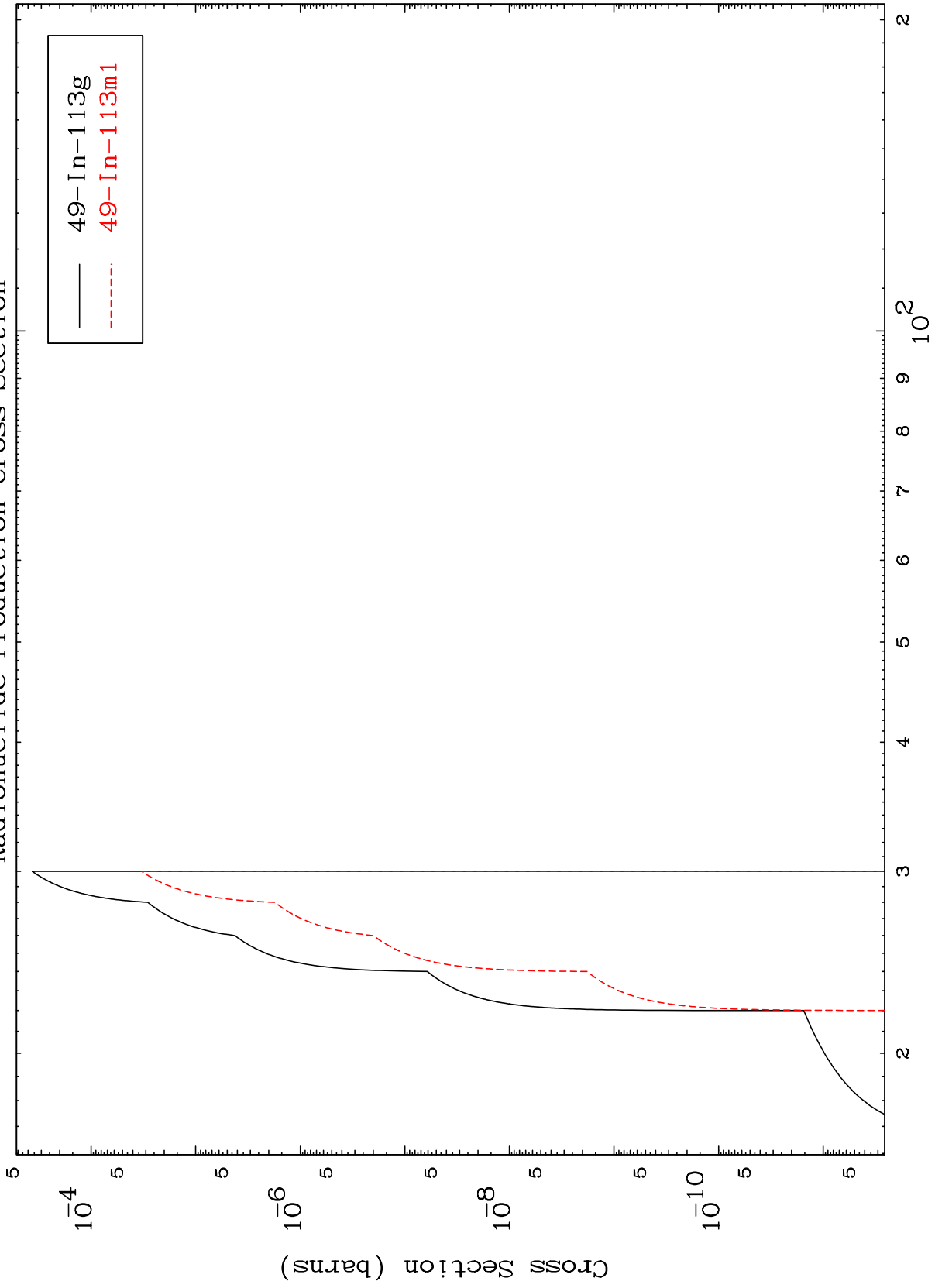
13

MAT 4932

($\alpha, 2n$) α

49-In-115

Radionuclide Production Cross Section



14

Incident Energy (MeV)

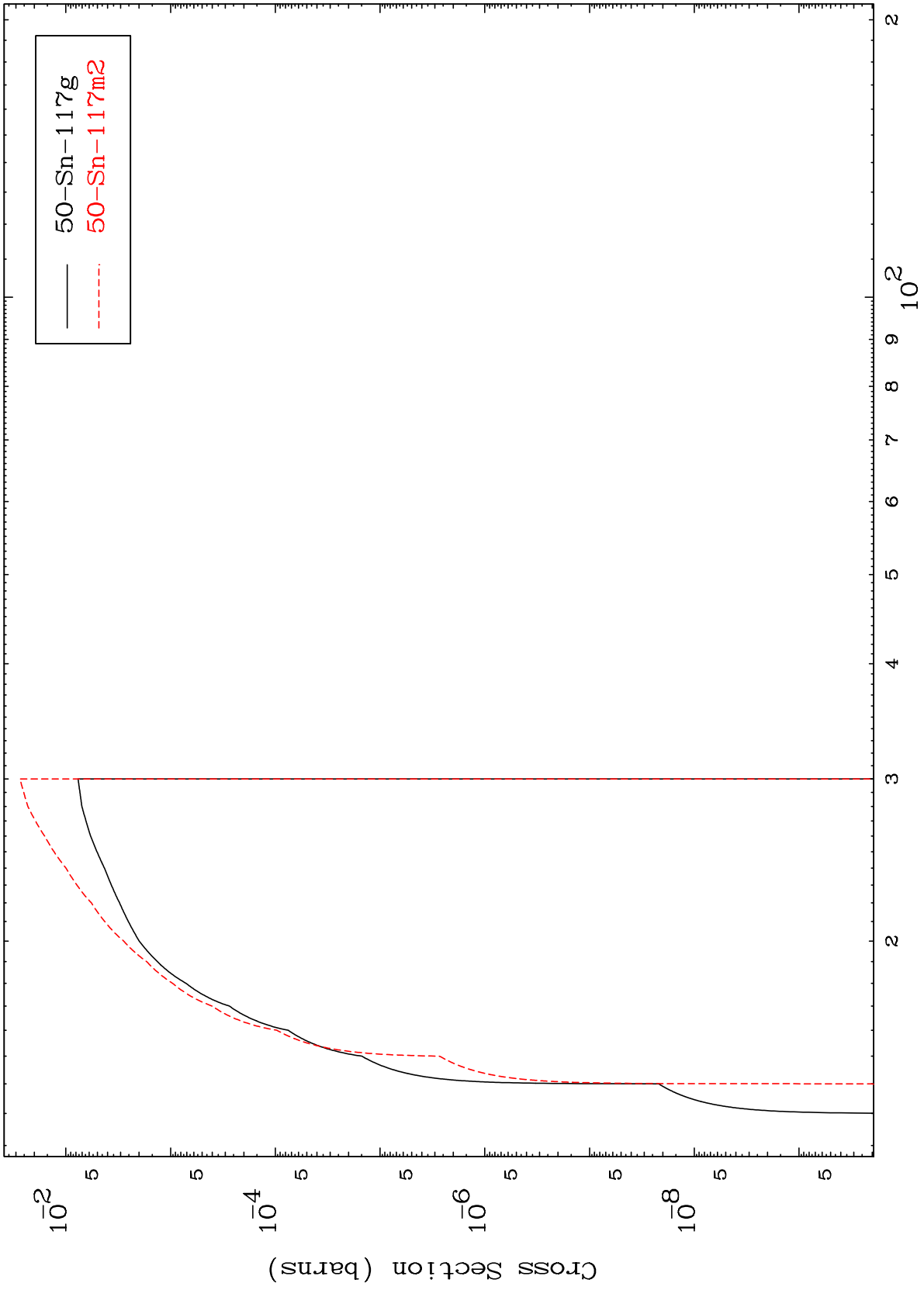
49-In-115

MAT 4932

(α, n') p

49-In-115

Radionuclide Production Cross Section



15

Incident Energy (MeV)

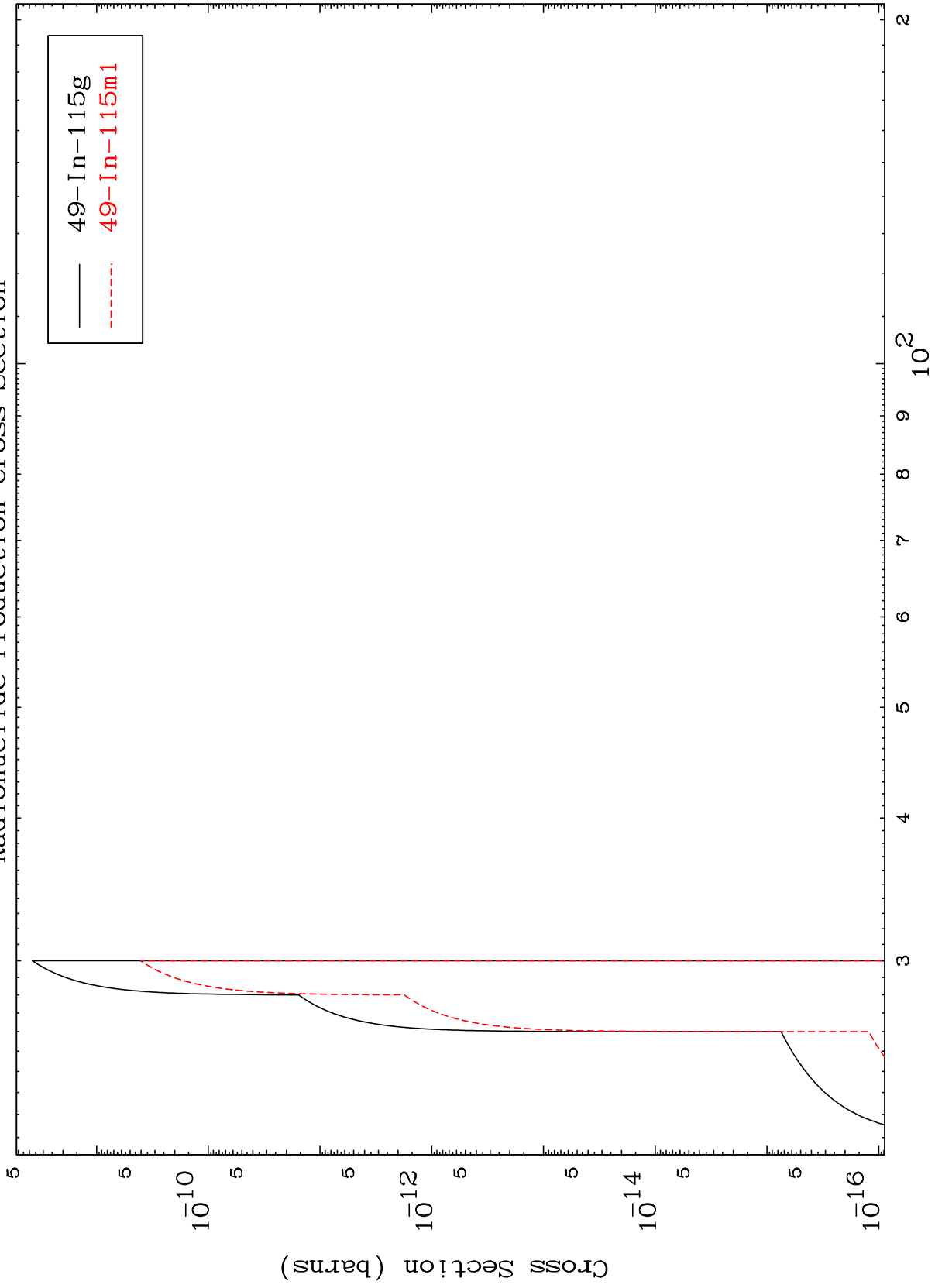
49-In-115

MAT 4932

(α, n') He-3

49-In-115

Radionuclide Production Cross Section



16

Incident Energy (MeV)

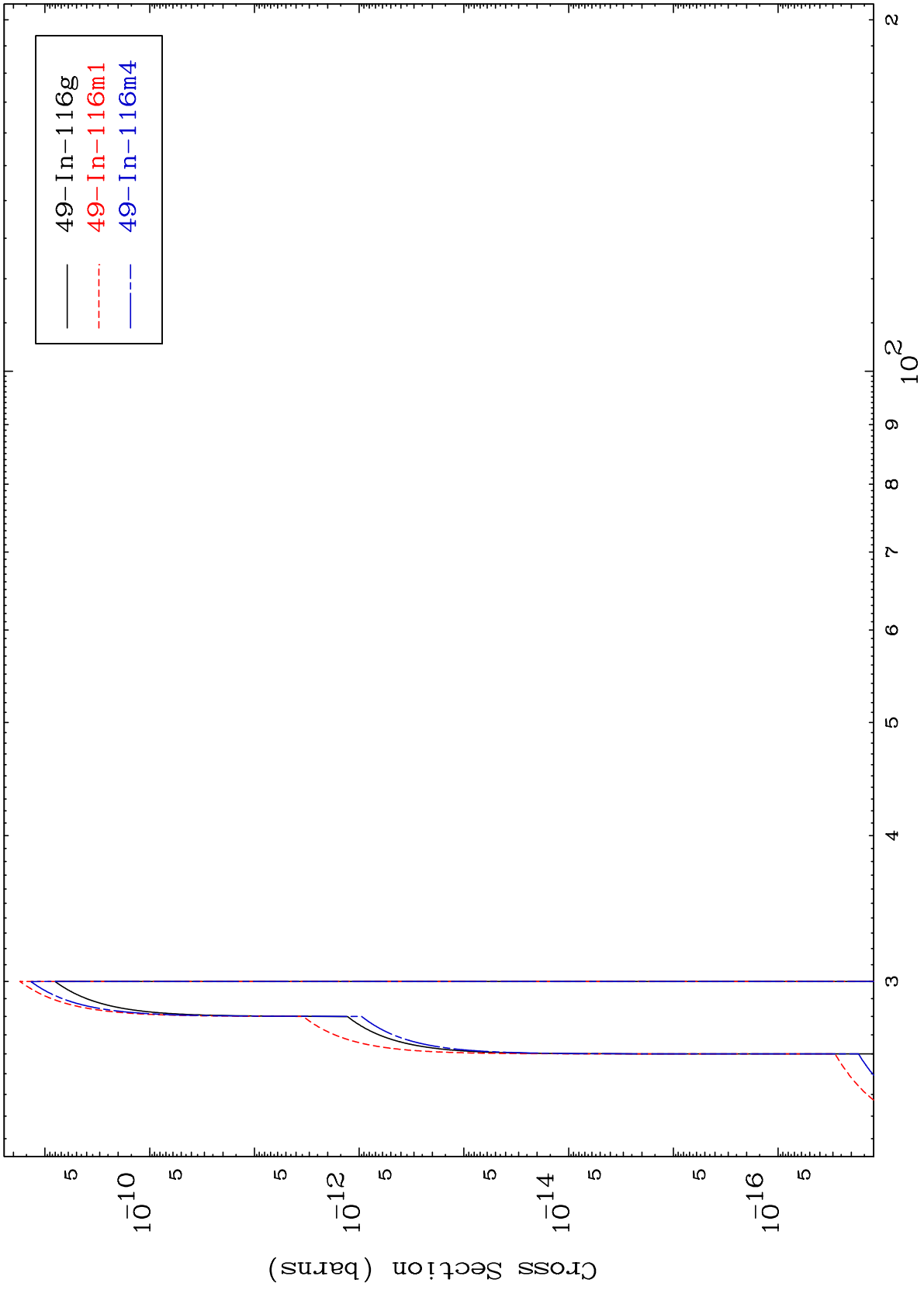
49-In-115

MAT 4932

($\alpha, 2n$) p

49-In-115

Radionuclide Production Cross Section



17

Incident Energy (MeV)

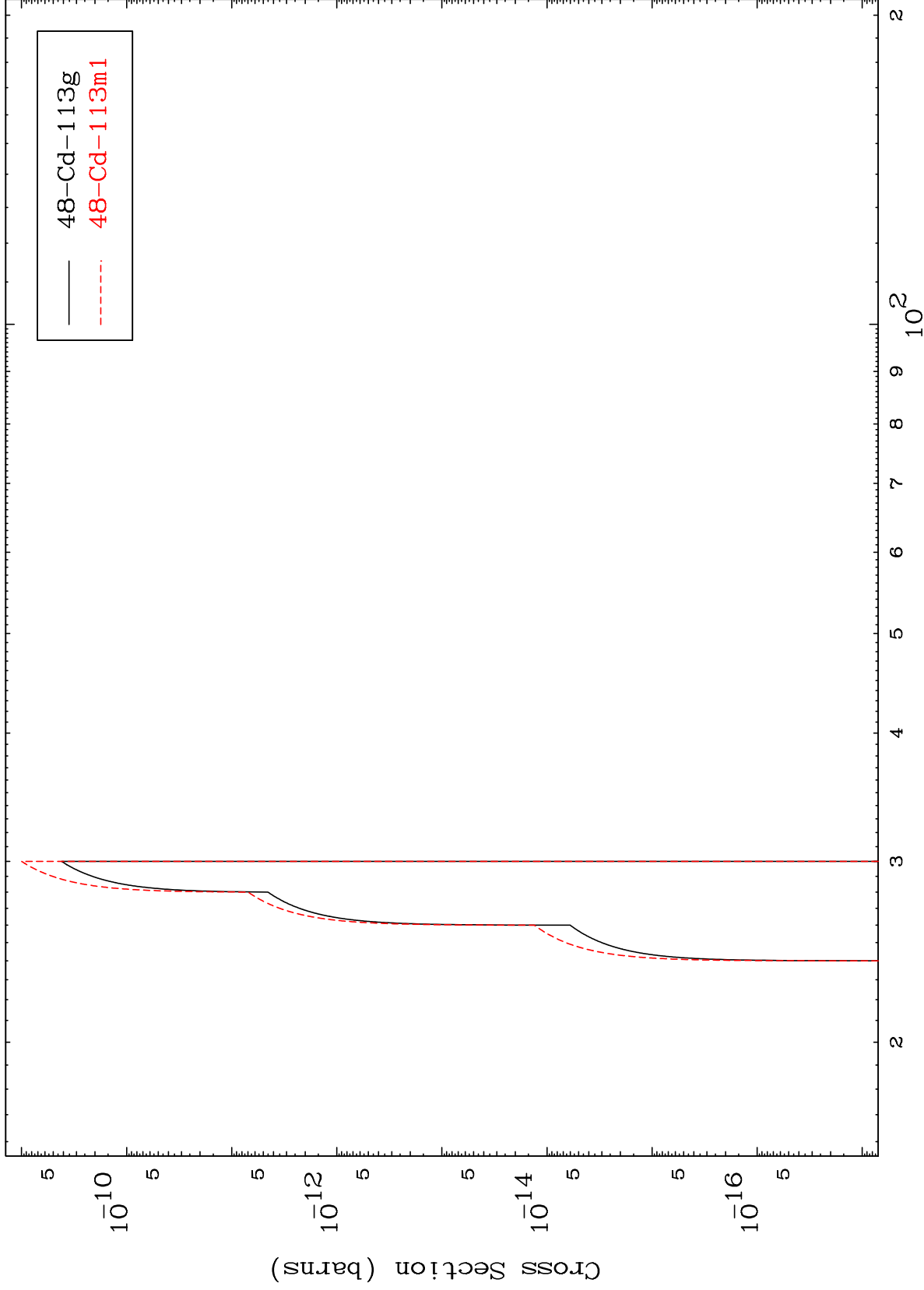
49-In-115

MAT 4932

(α, n') p α

49-In-115

Radionuclide Production Cross Section



18

Incident Energy (MeV)

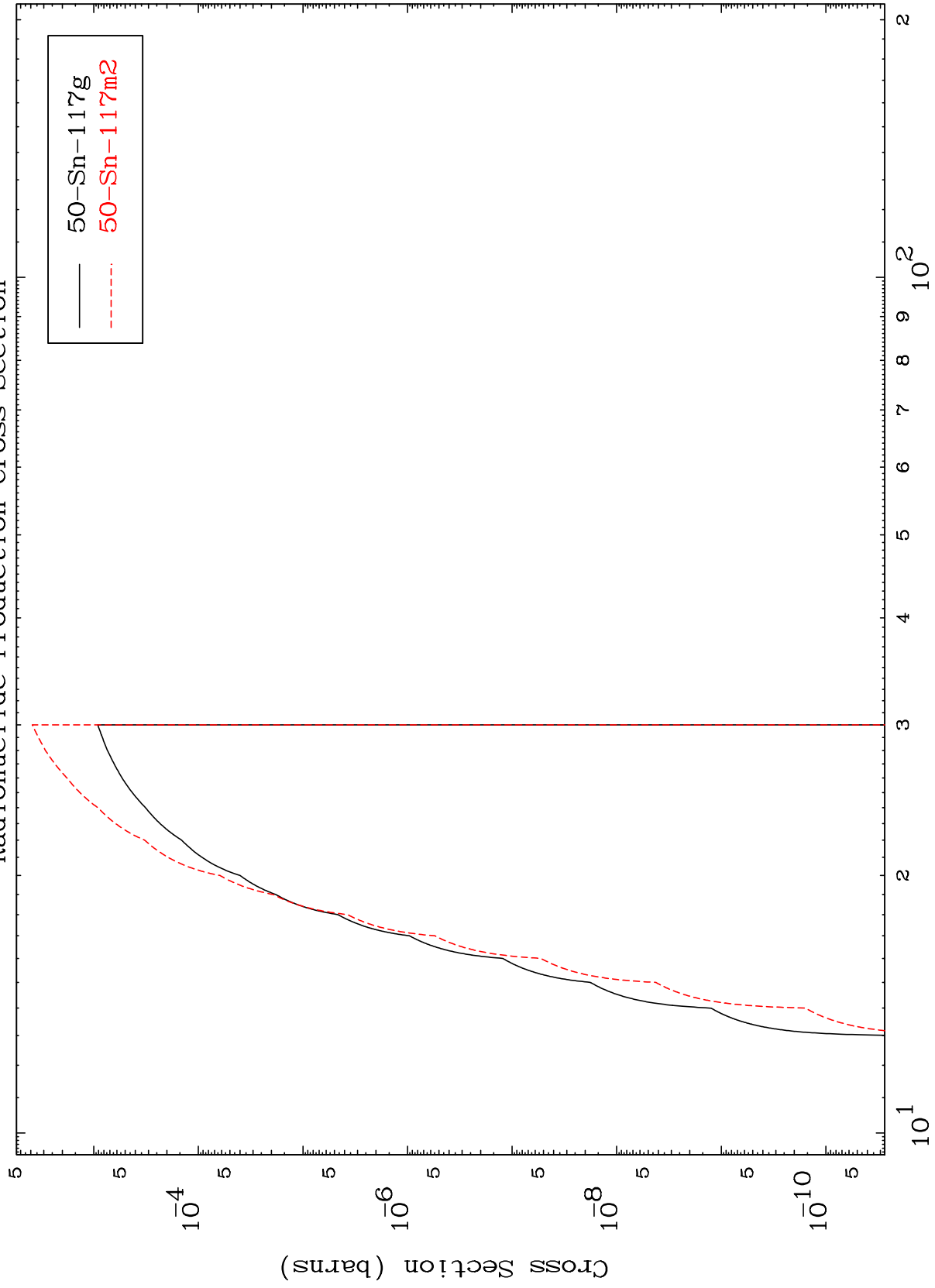
49-In-115

MAT 4932

(α, d)

49-In-115

Radionuclide Production Cross Section



Incident Energy (MeV)

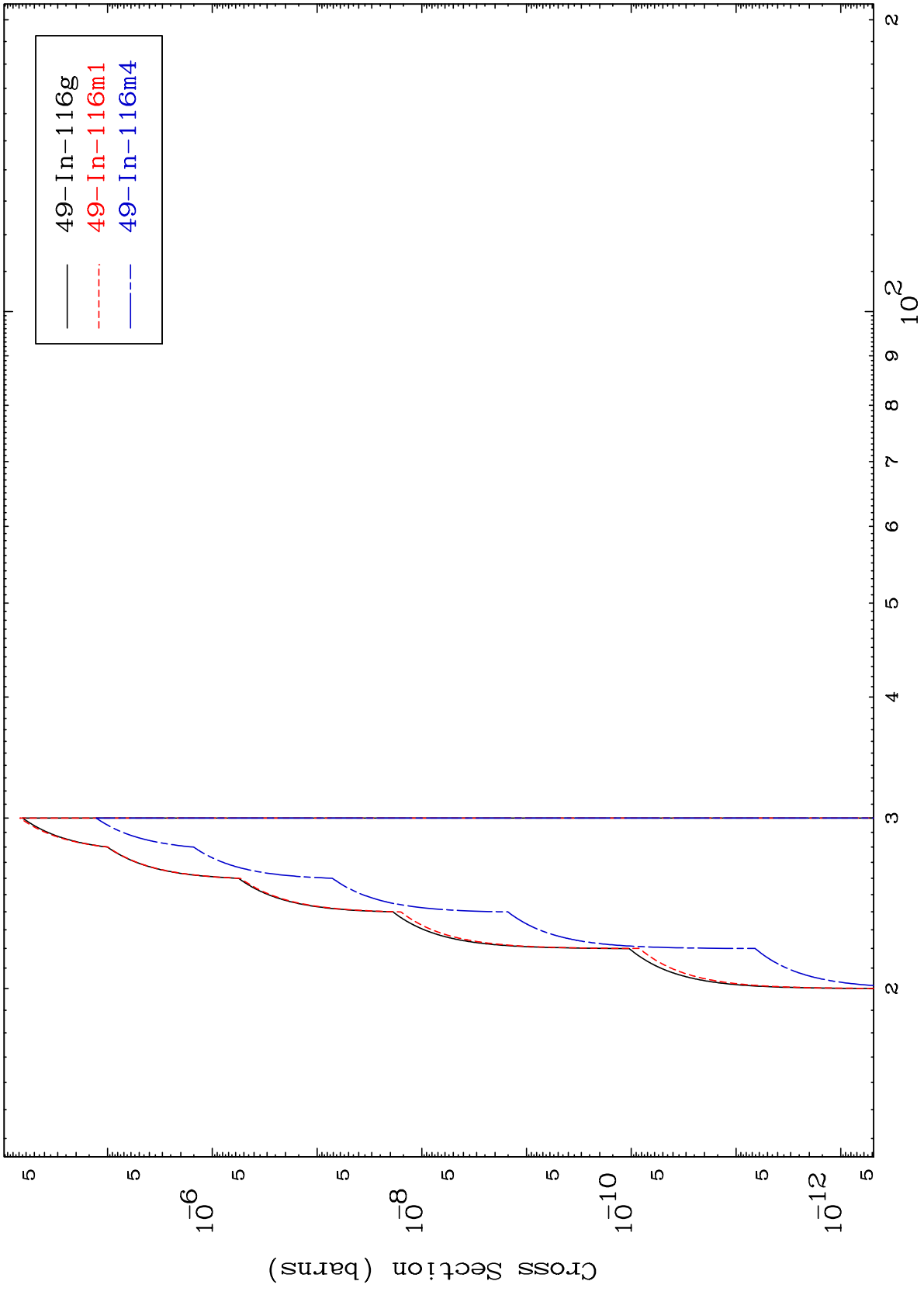
49-In-115

MAT 4932

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

49-In-115

Radionuclide Production Cross Section



20

Incident Energy (MeV)

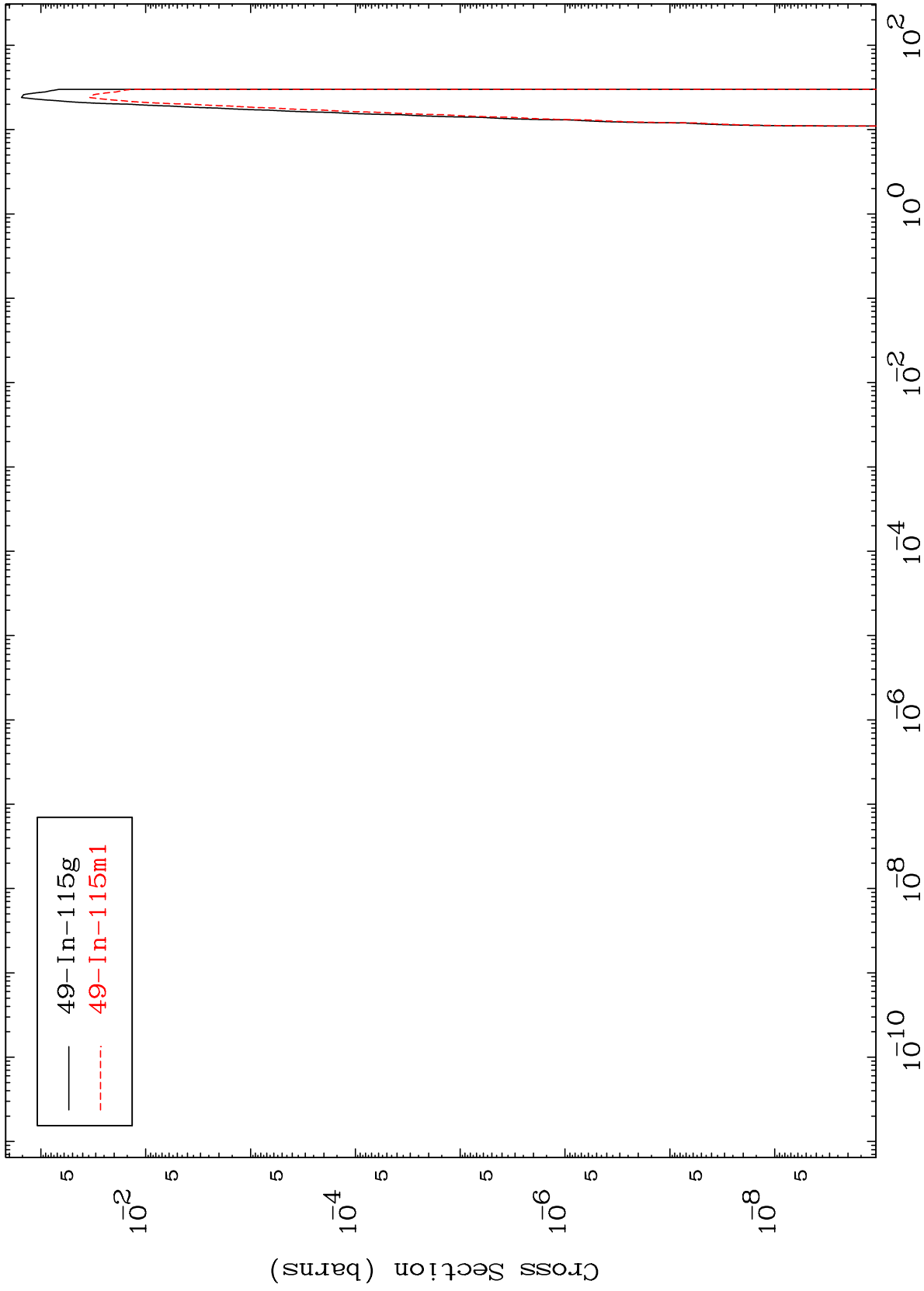
49-In-115

MAT 4932

(α, α)

49-In-115

Radionuclide Production Cross Section



21

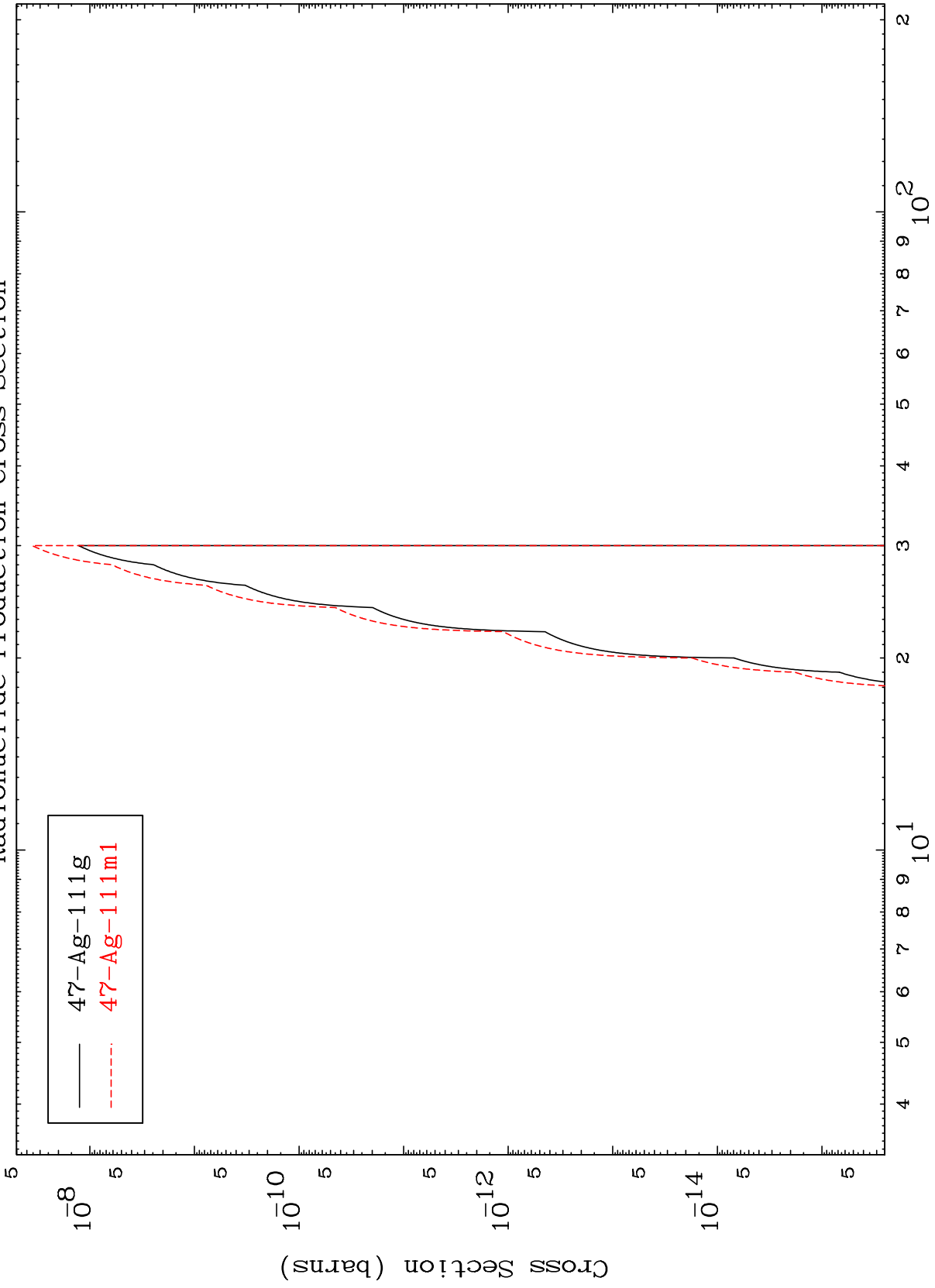
Incident Energy (MeV)

49-In-115

MAT 4932

49-In-115

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



— 47-Ag-111g
- - - 47-Ag-111m1

22

49-In-115

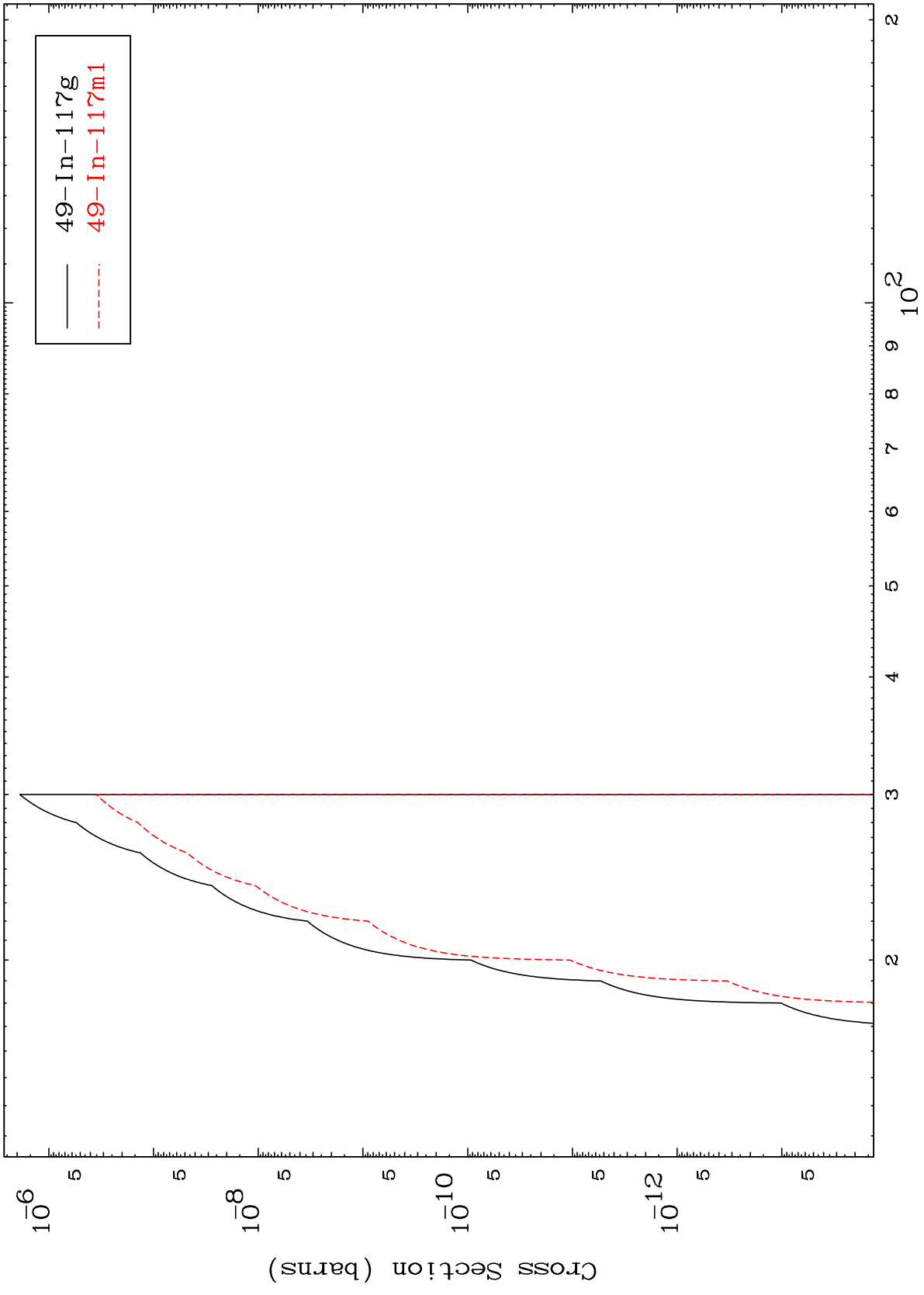
Incident Energy (MeV)

MAT 4932

($\alpha, 2p$)

49-In-115

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-115