

Program EVALPLOT
(Version 2018-1)

by

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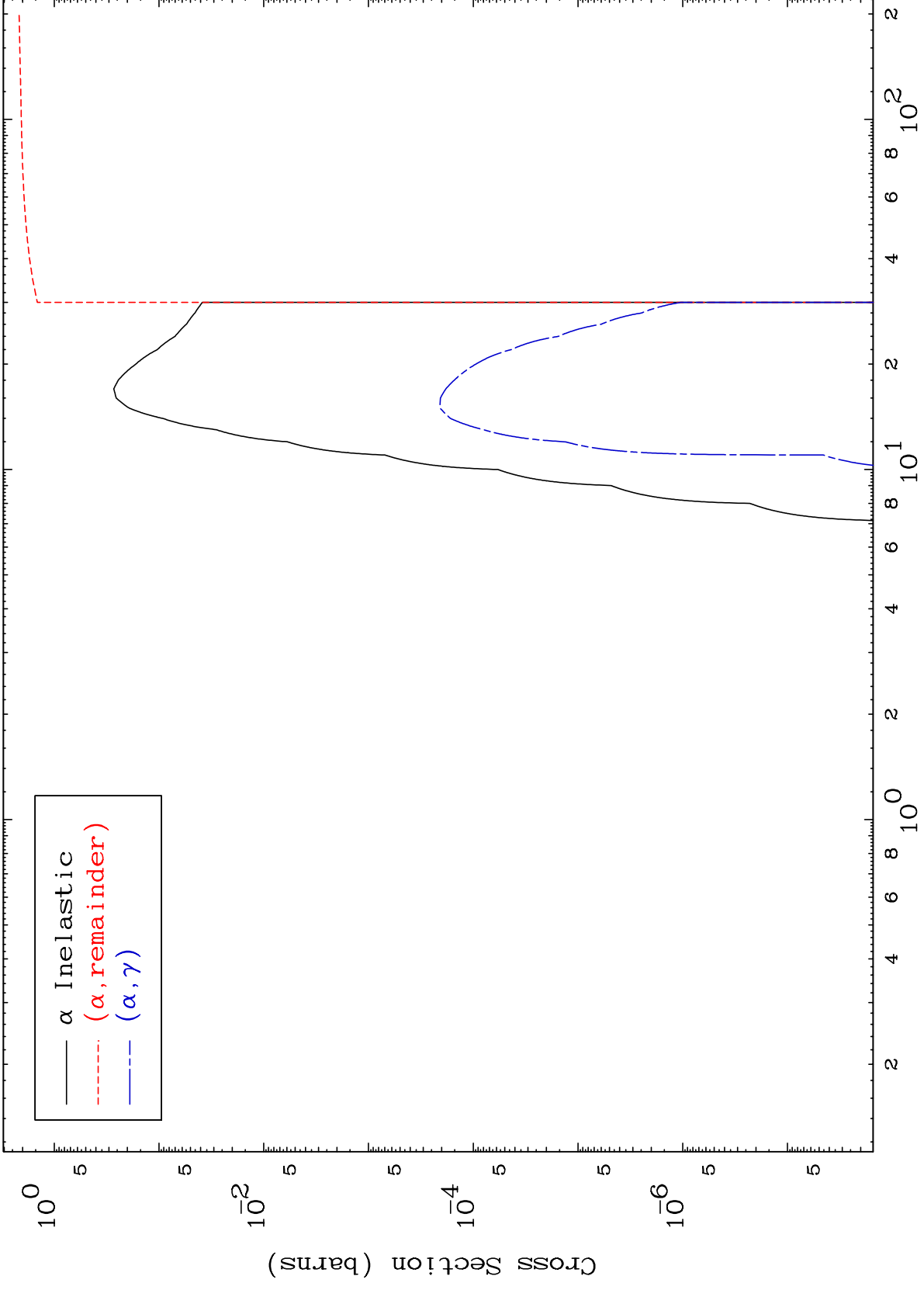
Press Mouse Button to Start

MAT 4932

α Major

49-In-115

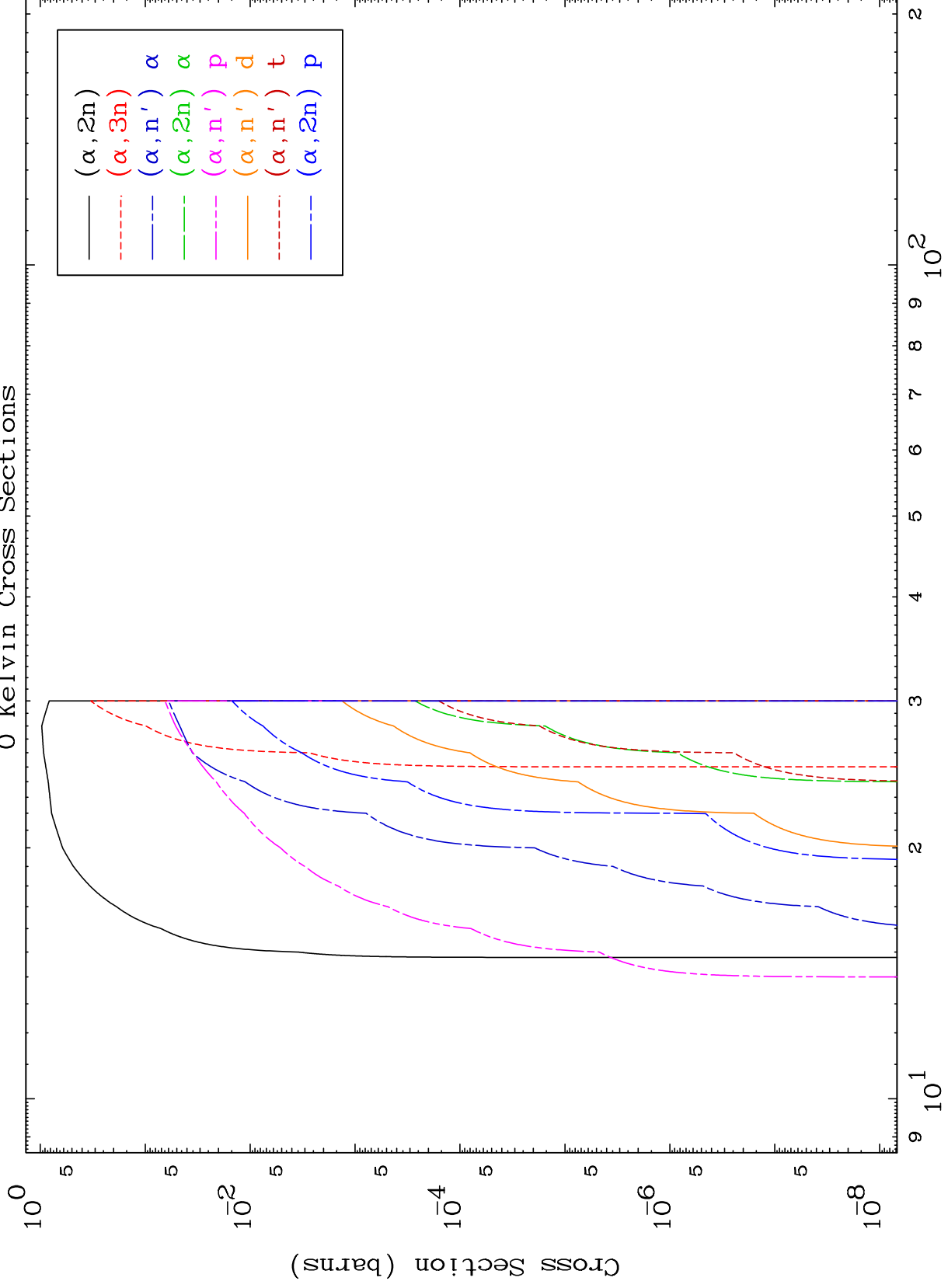
0 Kelvin Cross Sections



MAT 4932

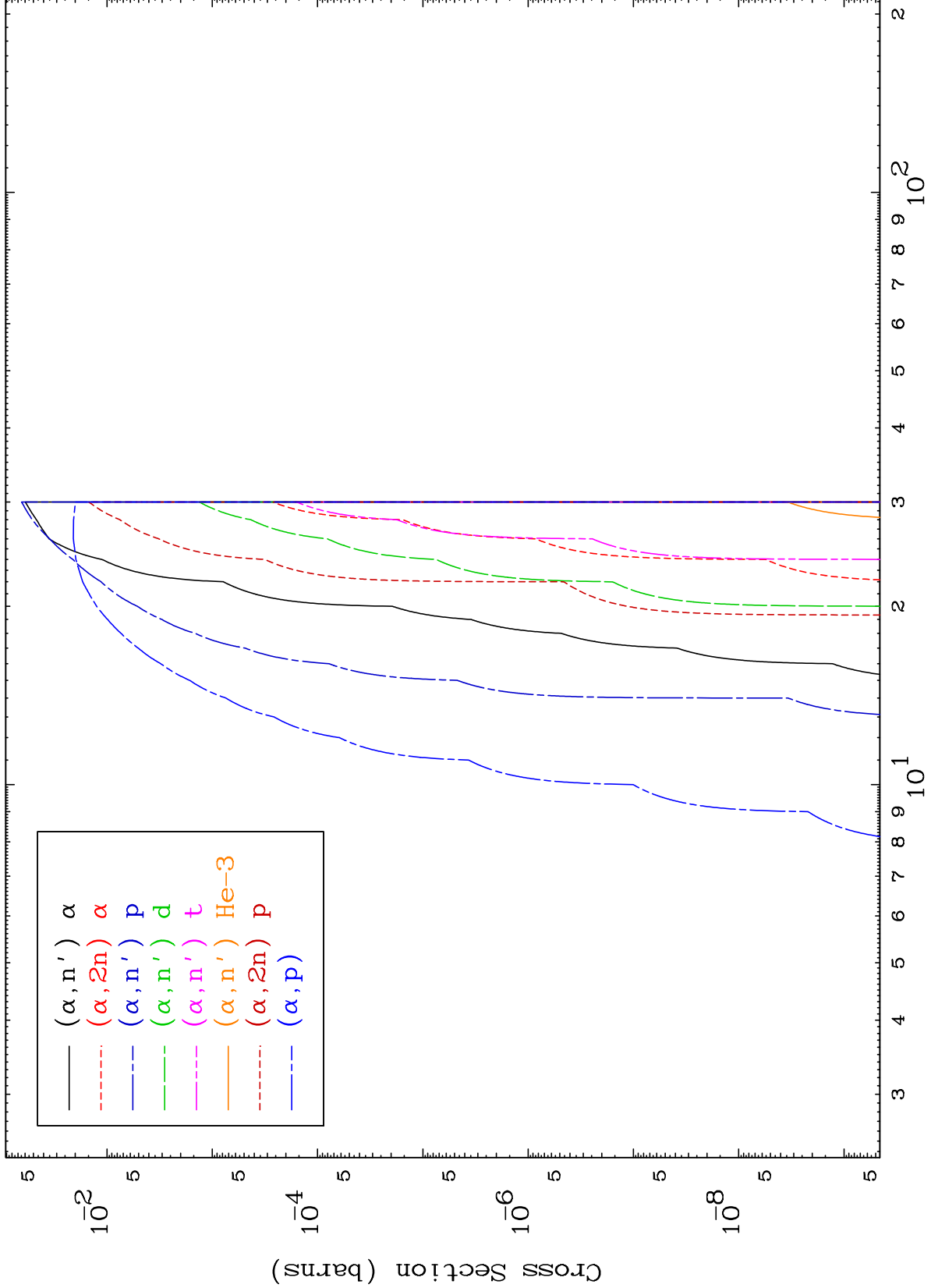
α Neutron Production
0 Kelvin Cross Sections

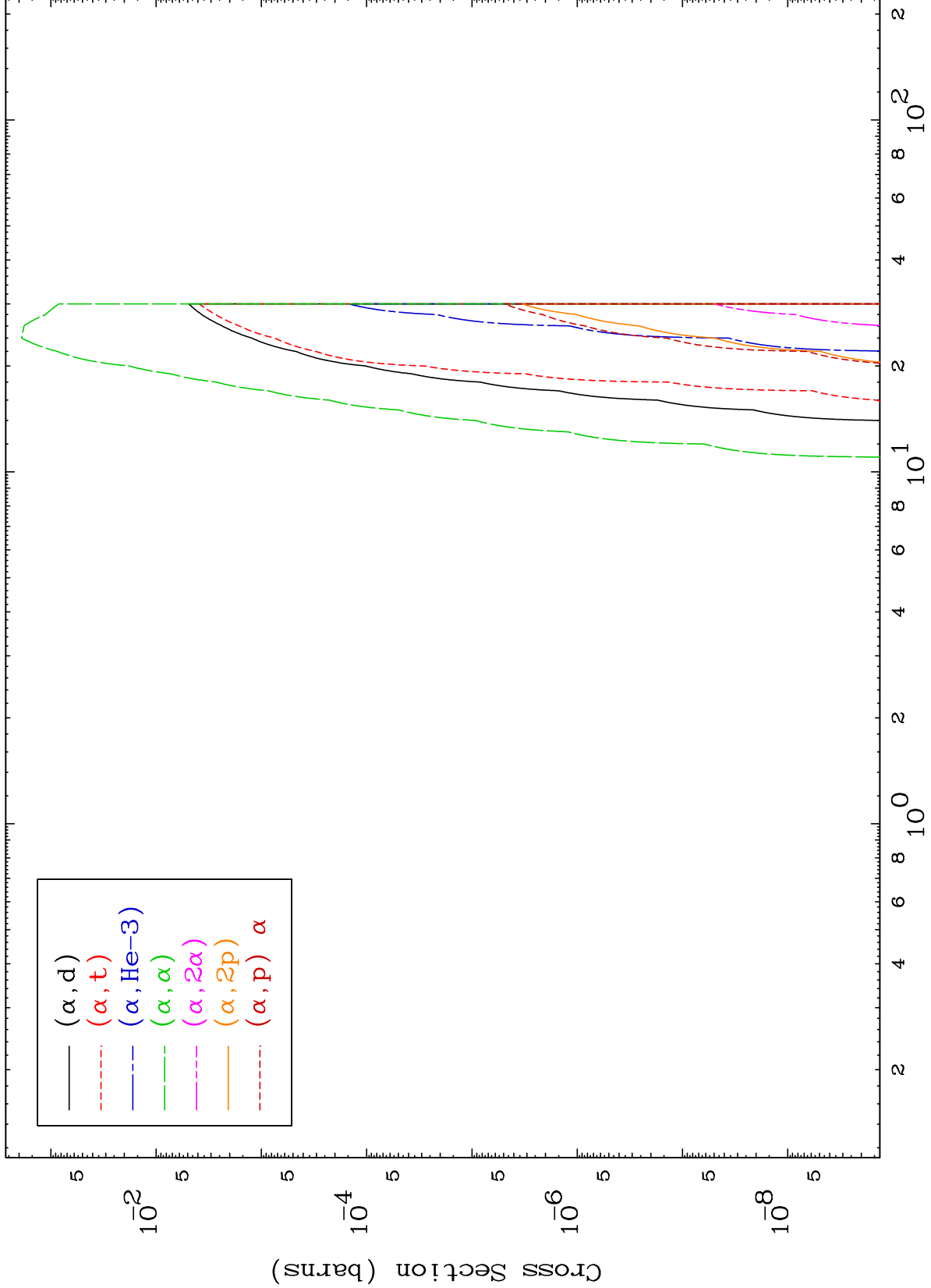
49-In-115



Incident Energy (MeV)

49-In-115



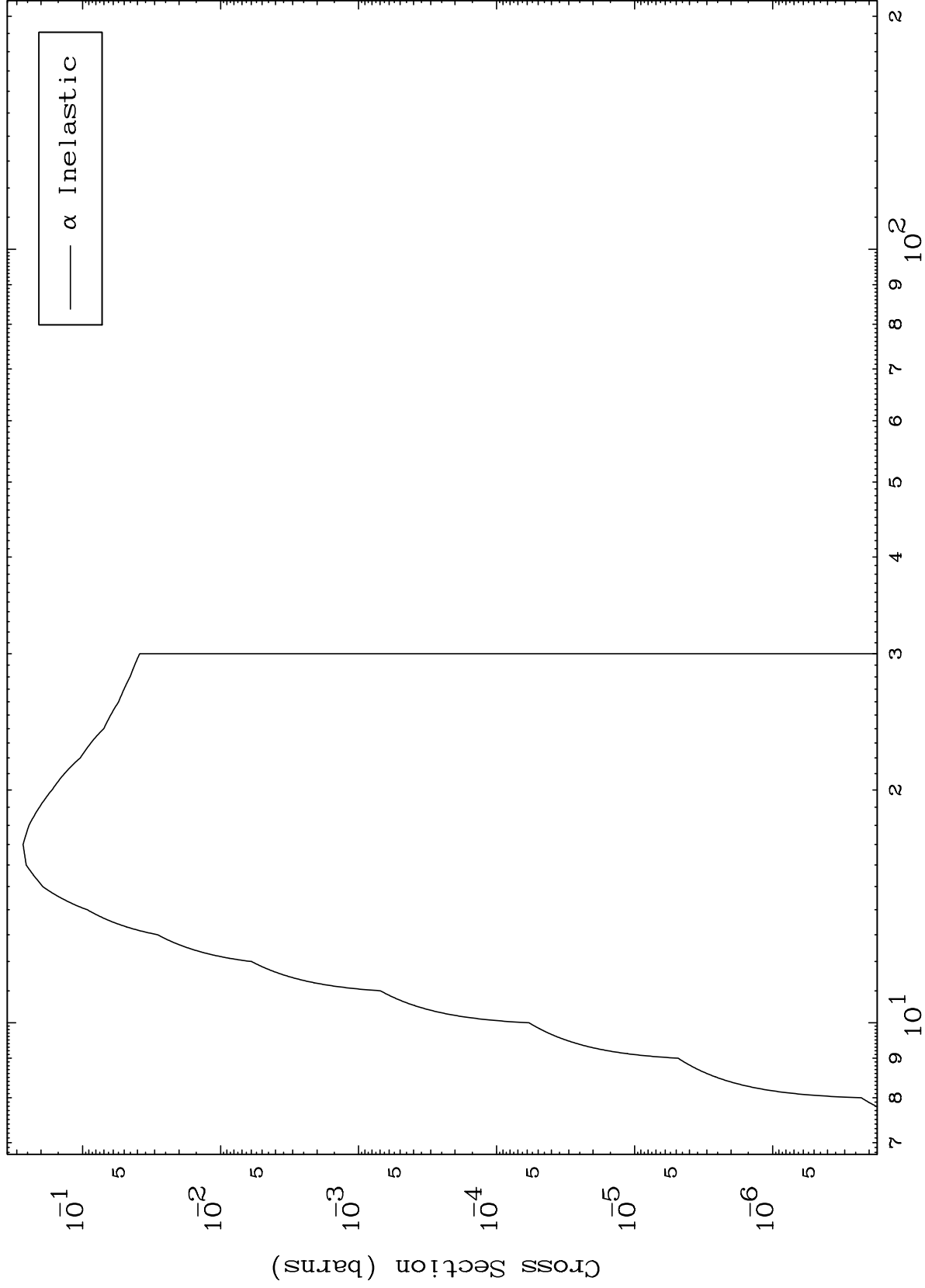


MAT 4932

(α, n') Level

49-In-115

0 Kelvin Cross Sections



5

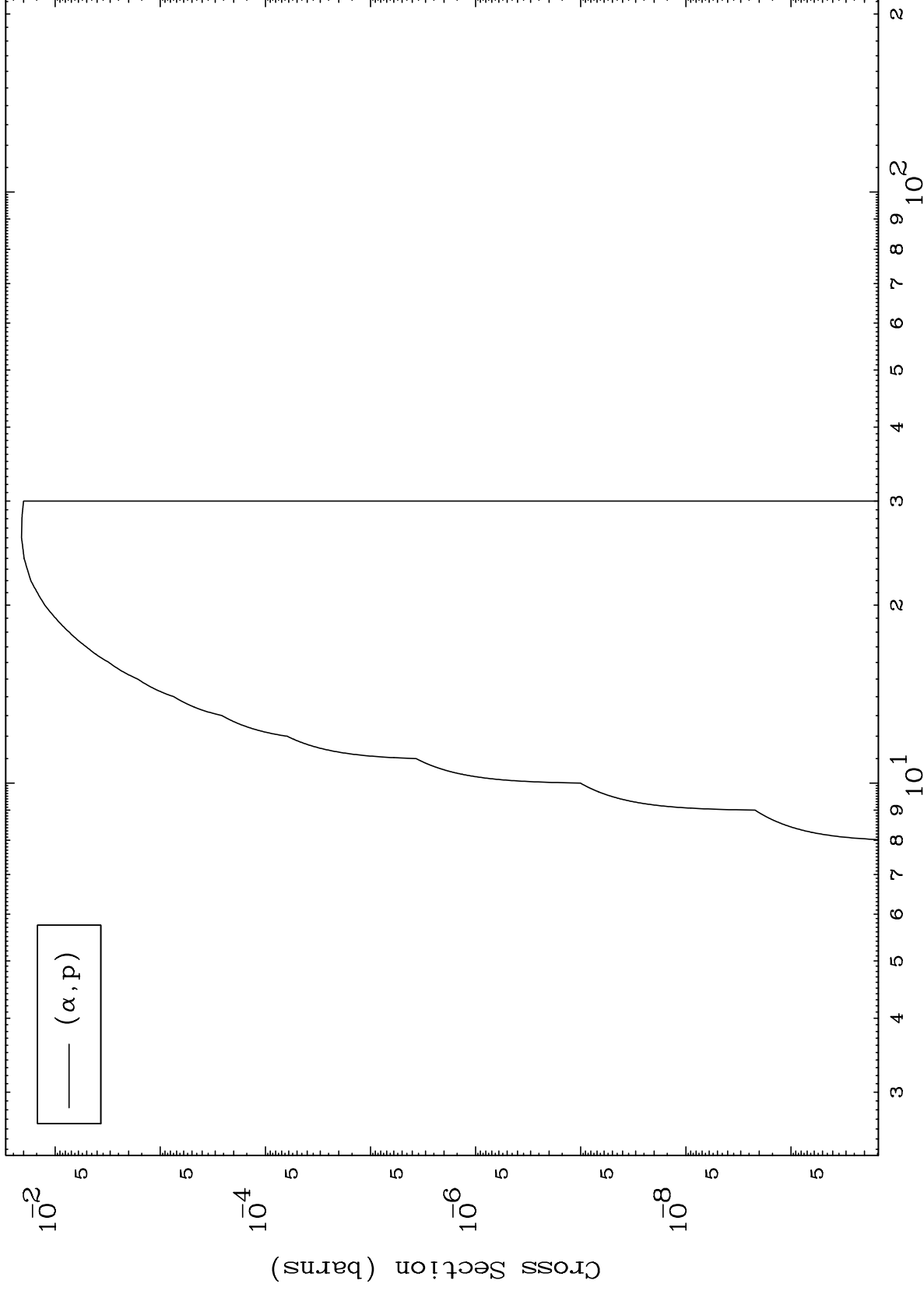
Incident Energy (MeV)

49-In-115

MAT 4932

(α, p) Levels
0 Kelvin Cross Sections

49-In-115



6

Incident Energy (MeV)

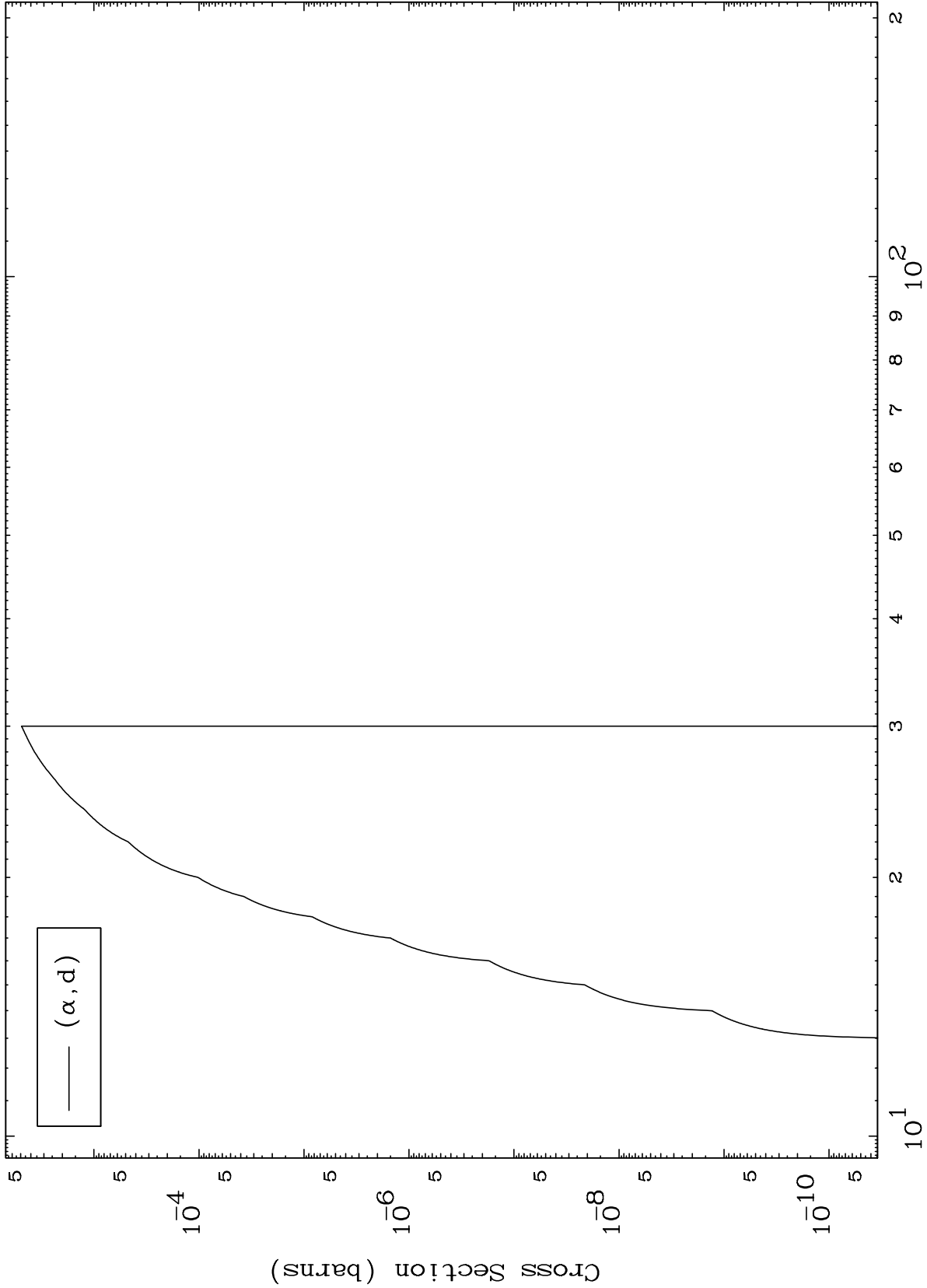
49-In-115

MAT 4932

(α, d) Levels

49-In-115

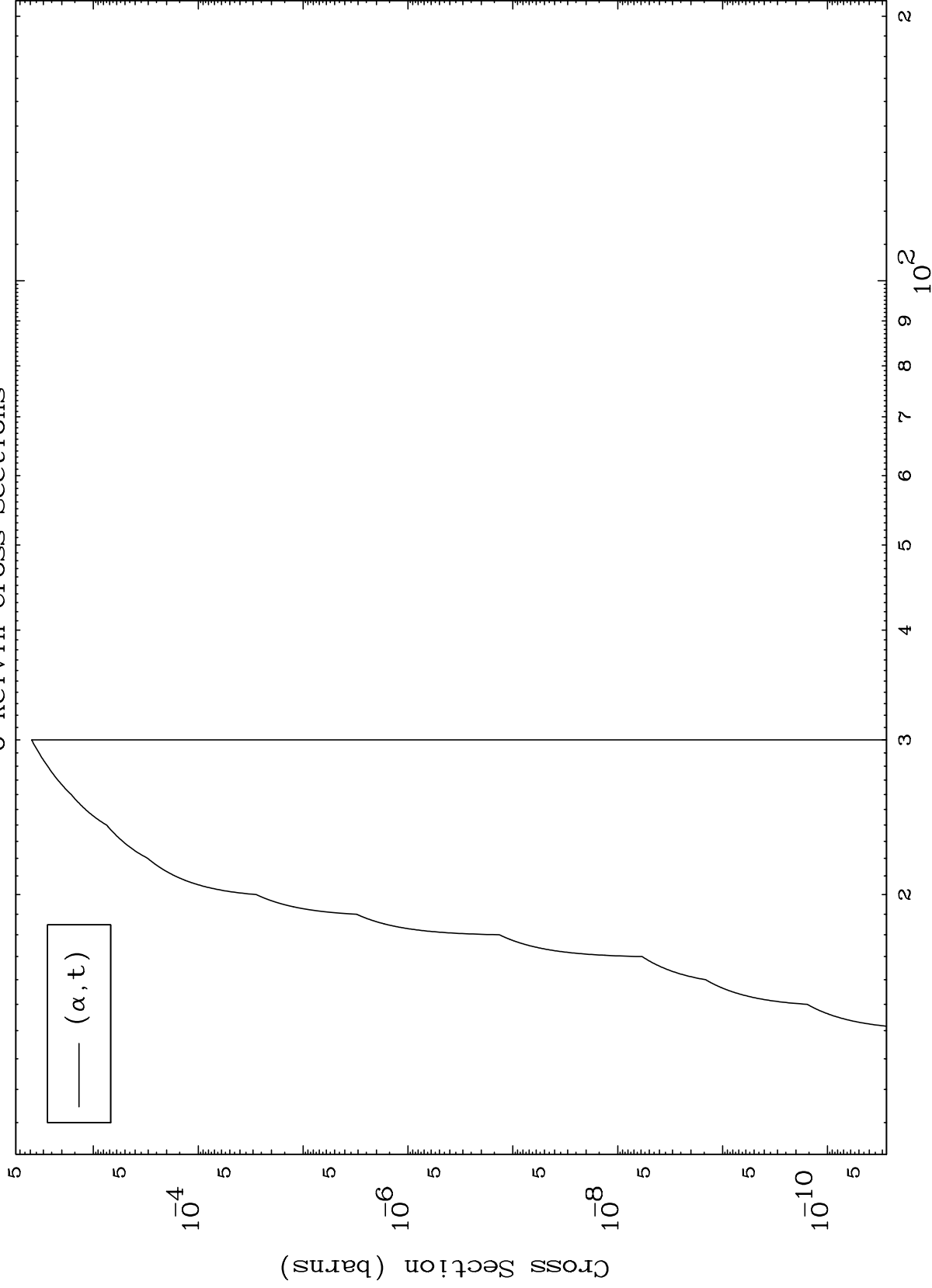
0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-115

(α, t) Levels
0 Kelvin Cross Sections

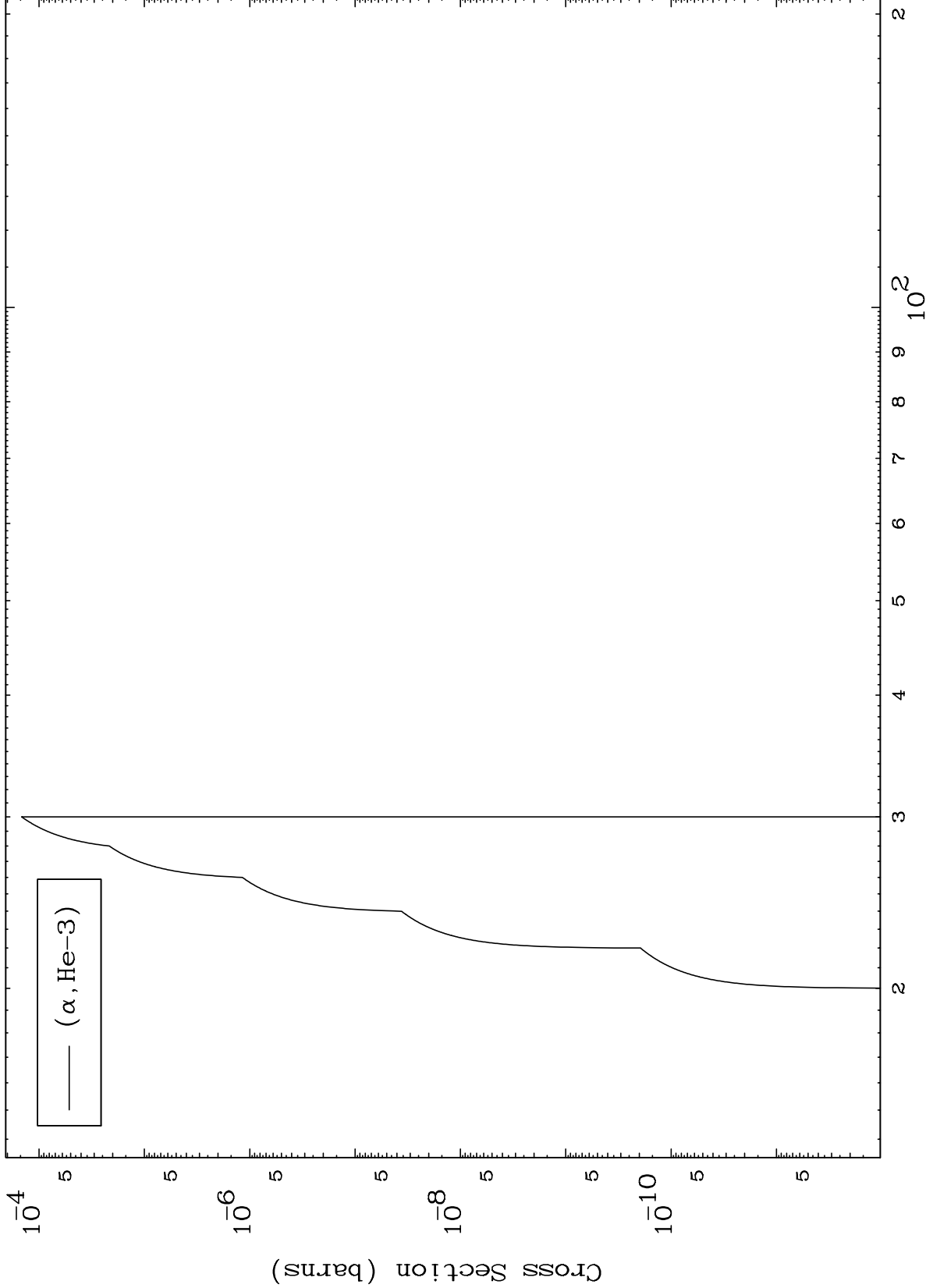


MAT 4932

(α , He3) Levels

49-In-115

0 Kelvin Cross Sections

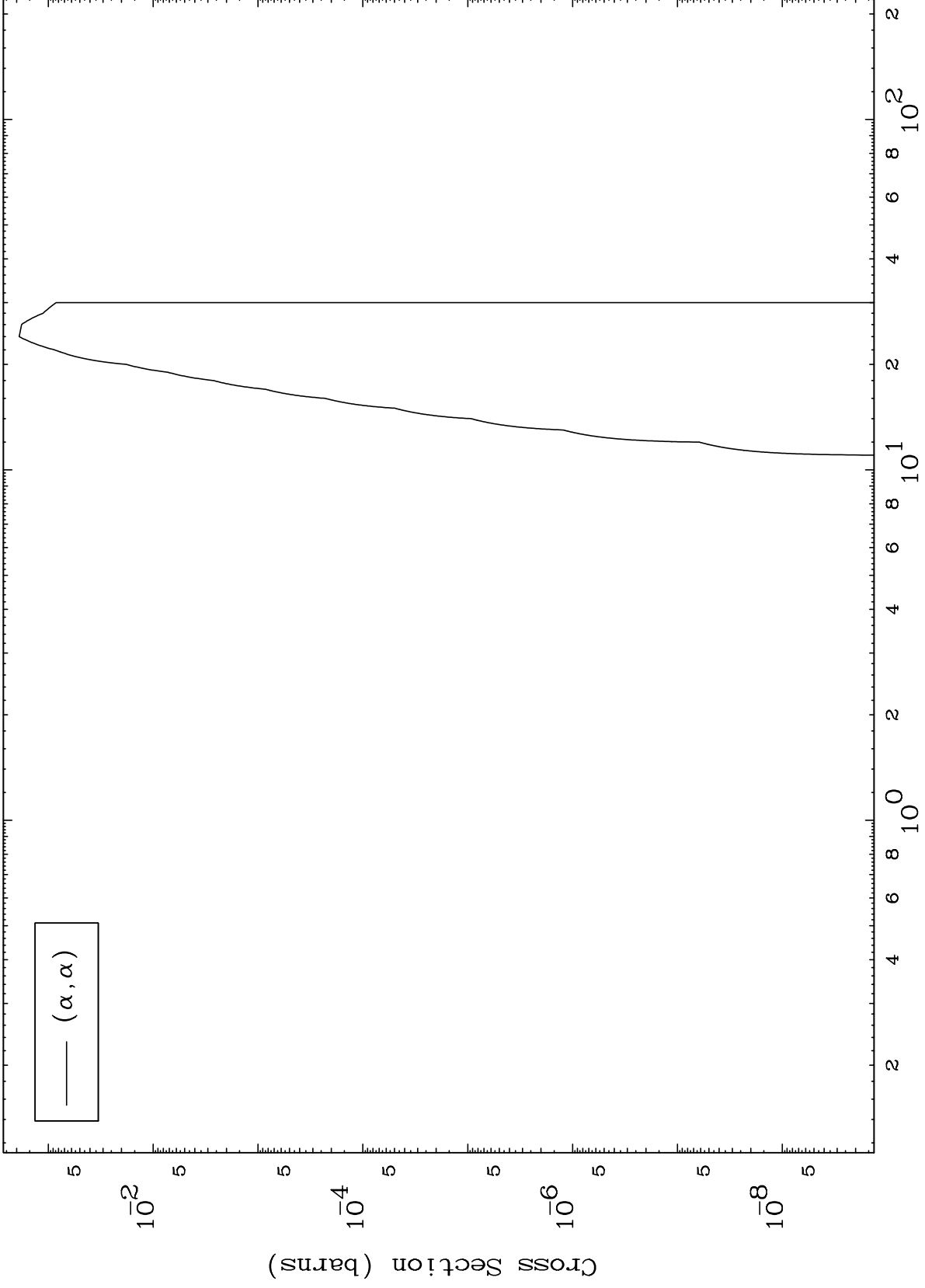


MAT 4932

(α, α) Levels

49-In-115

0 Kelvin Cross Sections



(α, α)

10

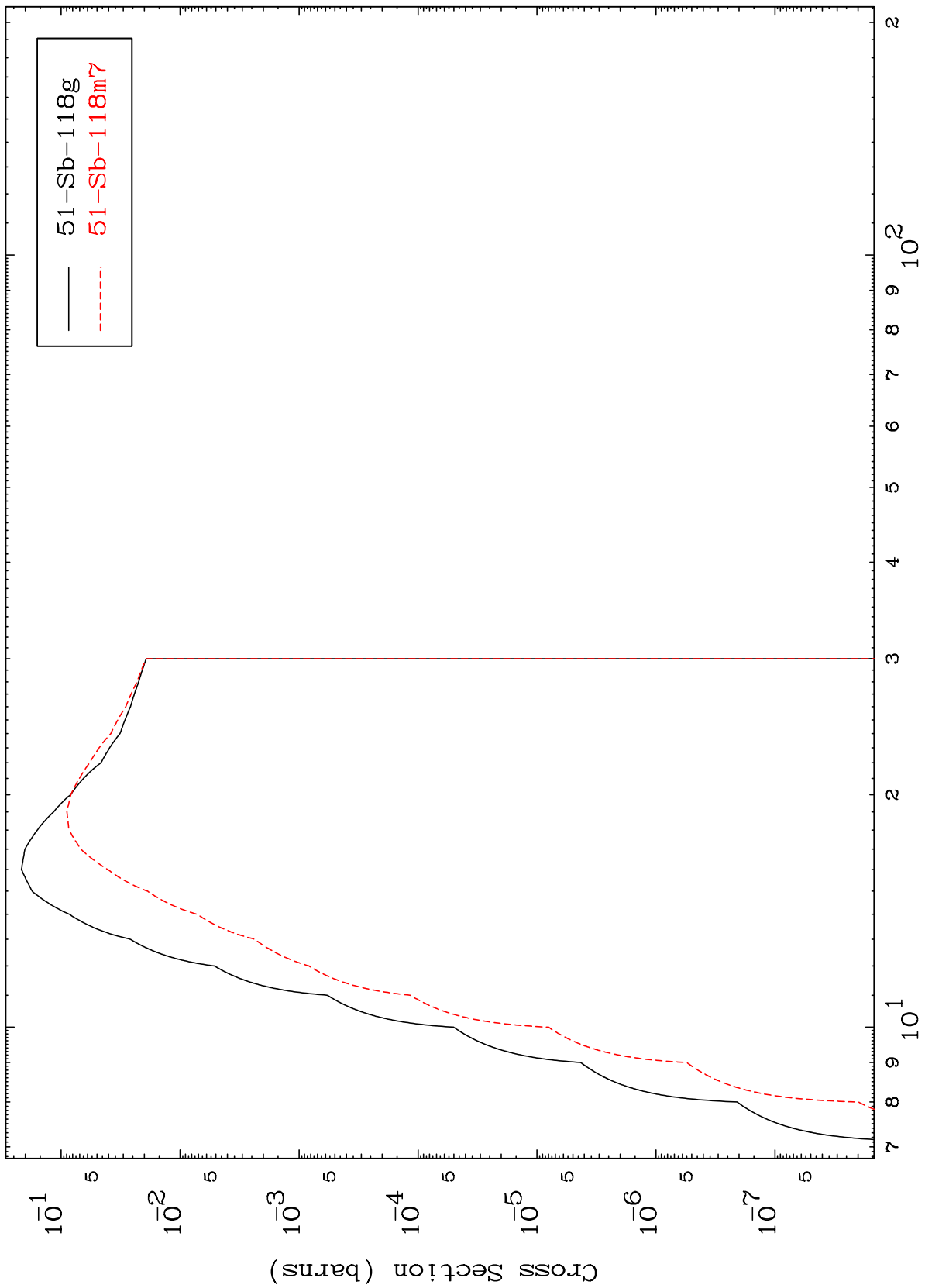
Incident Energy (MeV)

49-In-115

MAT 4932

49-In-115

Radionuclide Production α Inelastic Cross Section



11

Incident Energy (MeV)

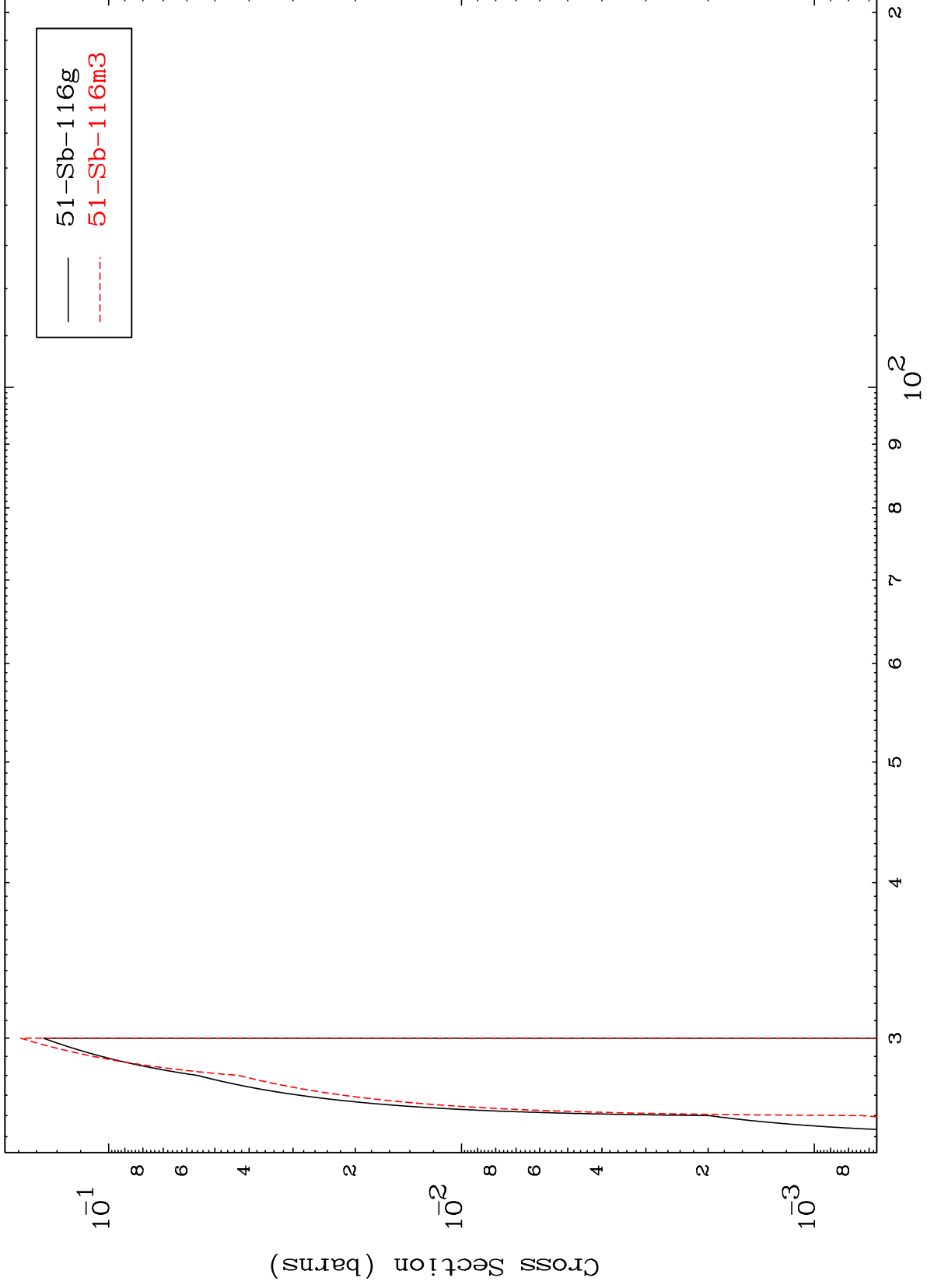
49-In-115

MAT 4932

($\alpha, 3n$)

49-In-115

Radionuclide Production Cross Section



12

Incident Energy (MeV)

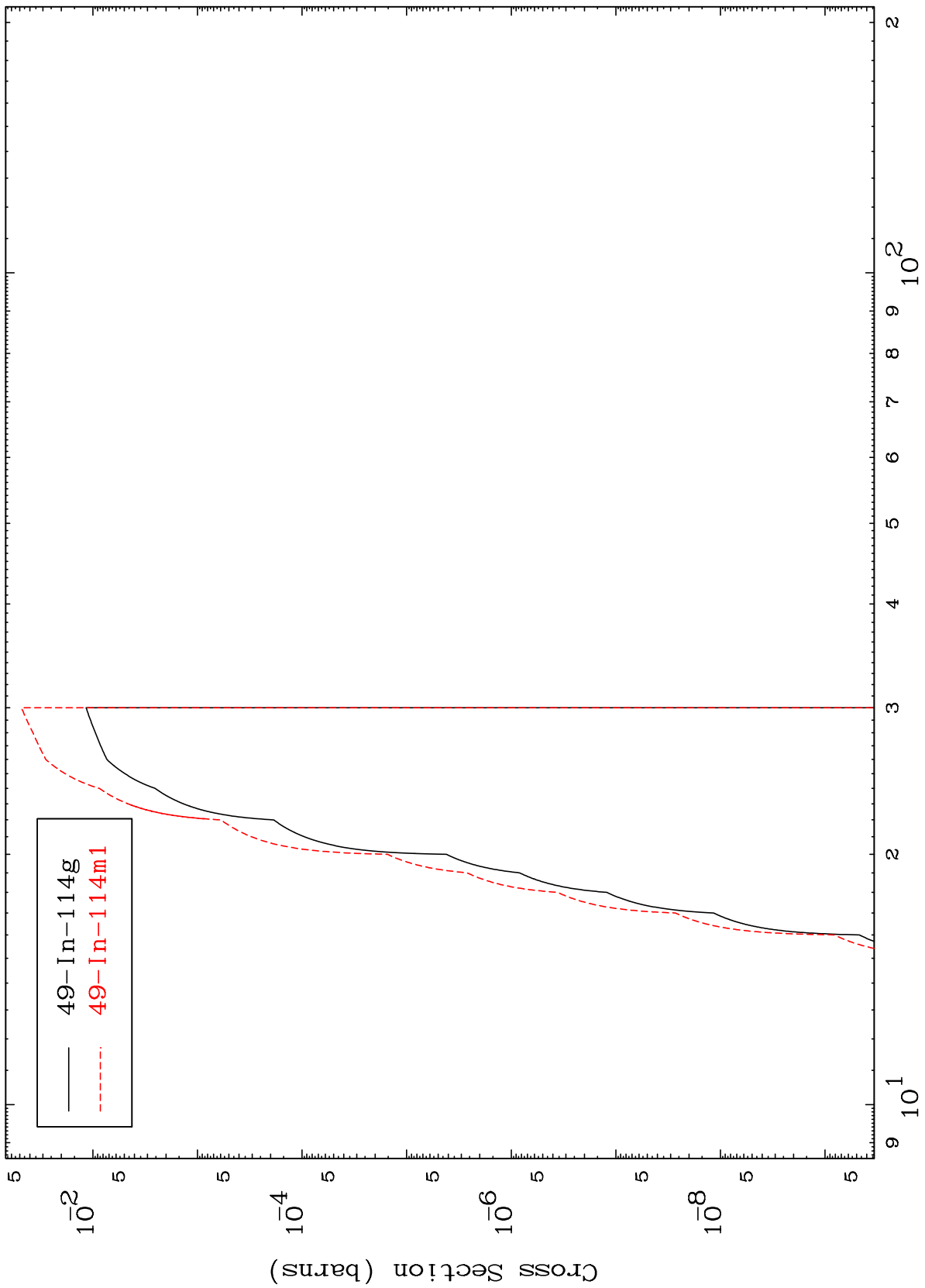
49-In-115

MAT 4932

49-In-115

(α, n') α

Radionuclide Production Cross Section



Legend:
— 49-In-114g
- - - 49-In-114m1

49-In-115

Incident Energy (MeV)

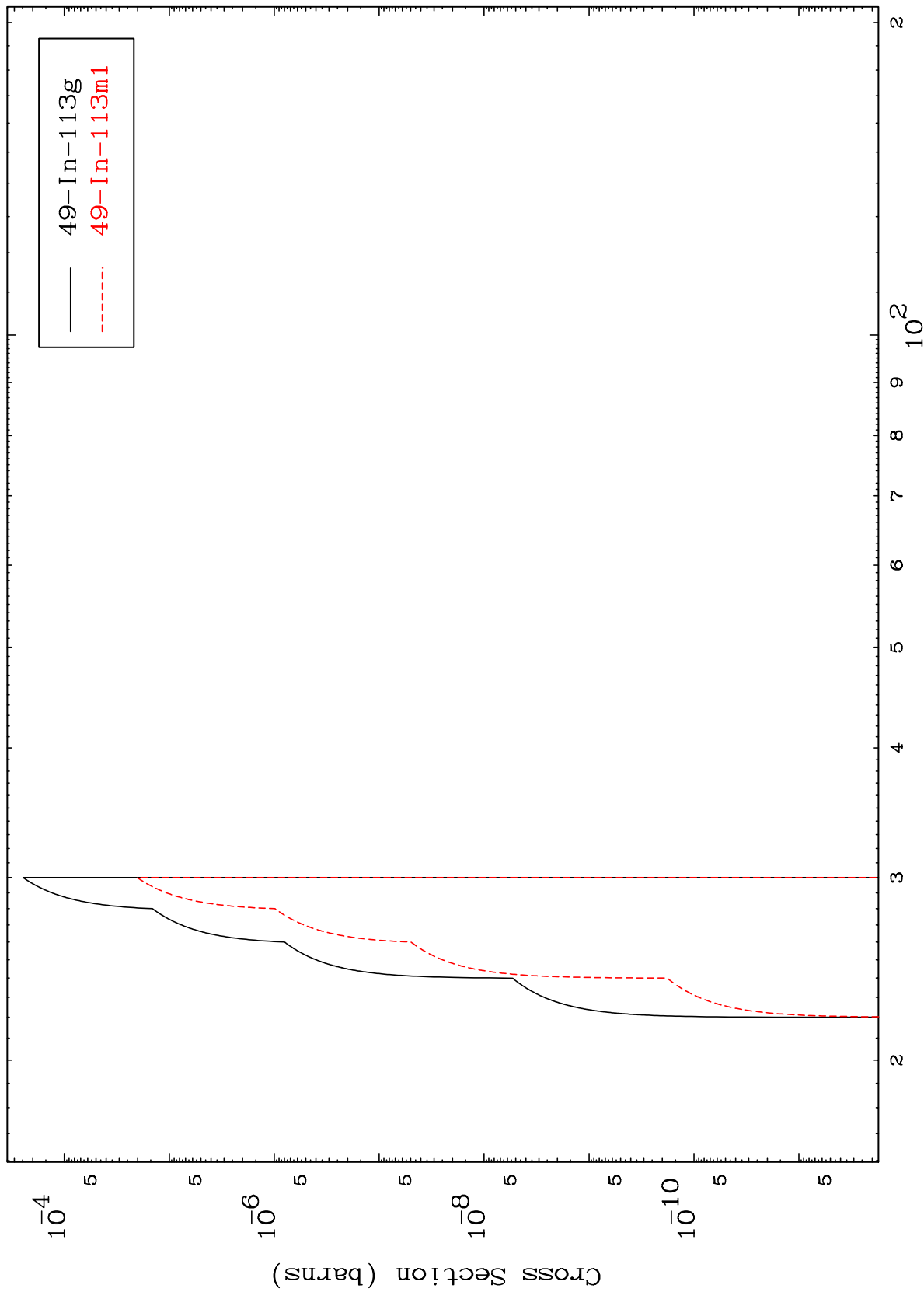
13

MAT 4932

($\alpha, 2n$) α

49-In-115

Radionuclide Production Cross Section



14

Incident Energy (MeV)

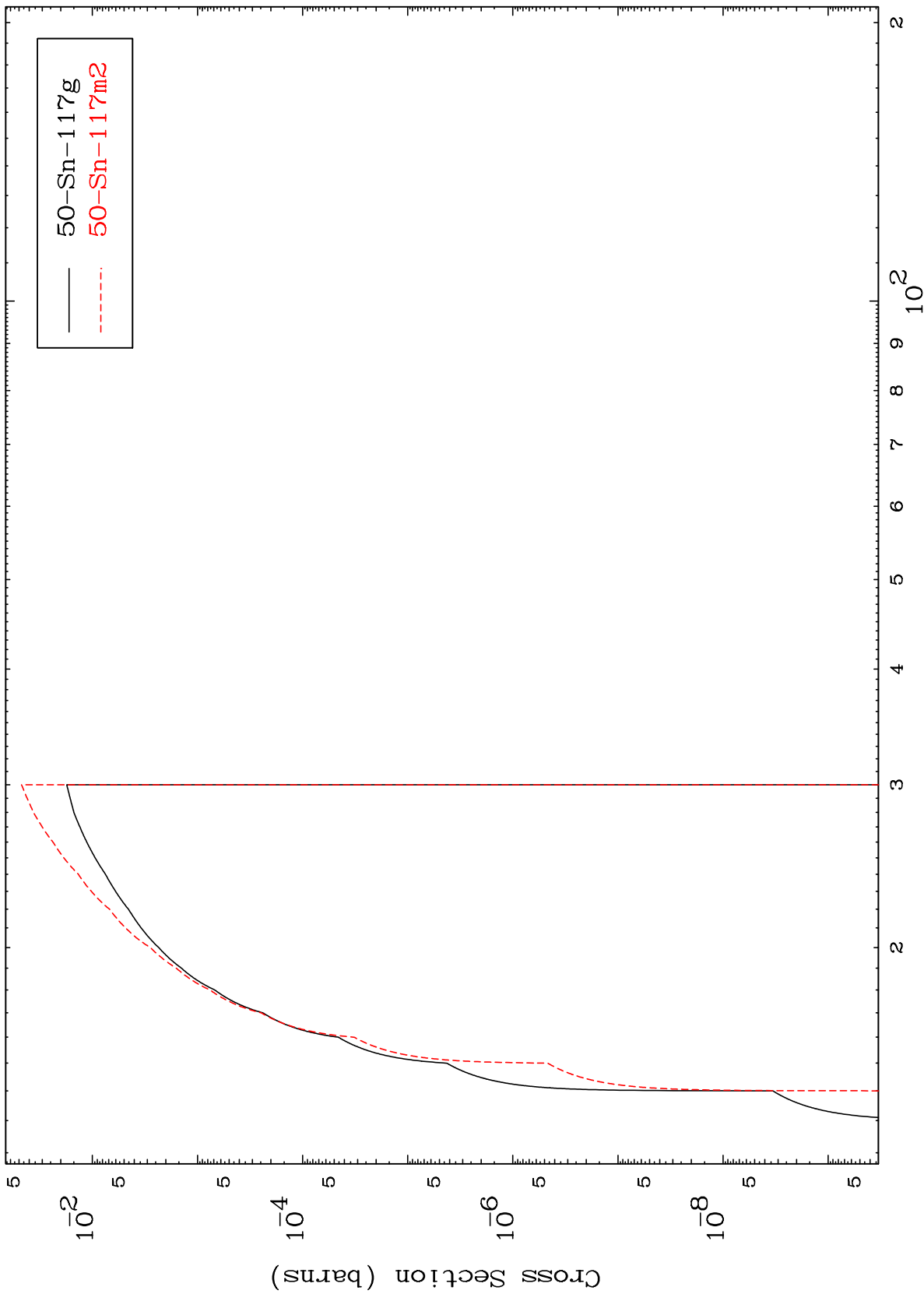
49-In-115

MAT 4932

(α, n') p

49-In-115

Radionuclide Production Cross Section



15

Incident Energy (MeV)

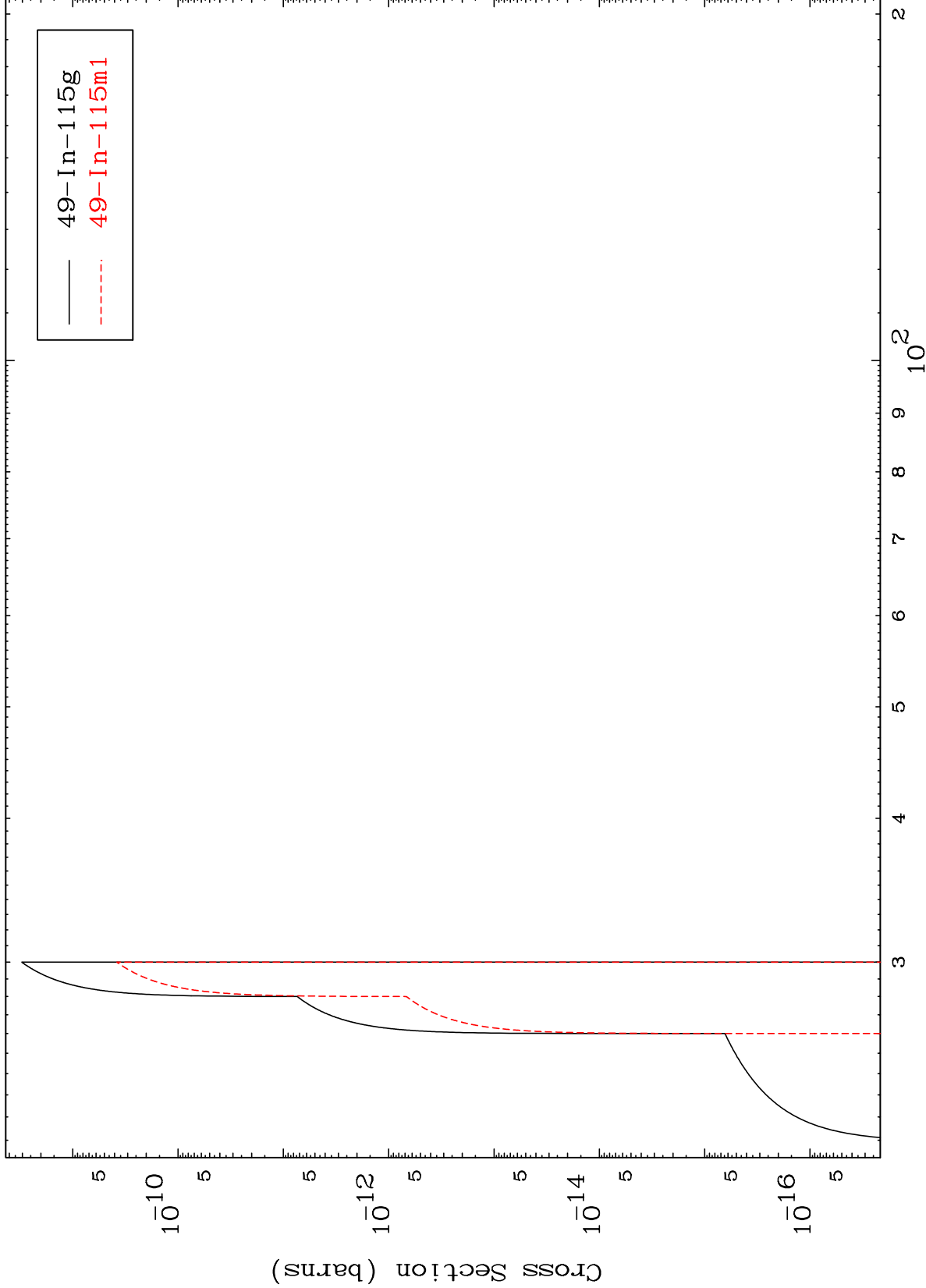
49-In-115

MAT 4932

(α, n') He-3

49-In-115

Radionuclide Production Cross Section

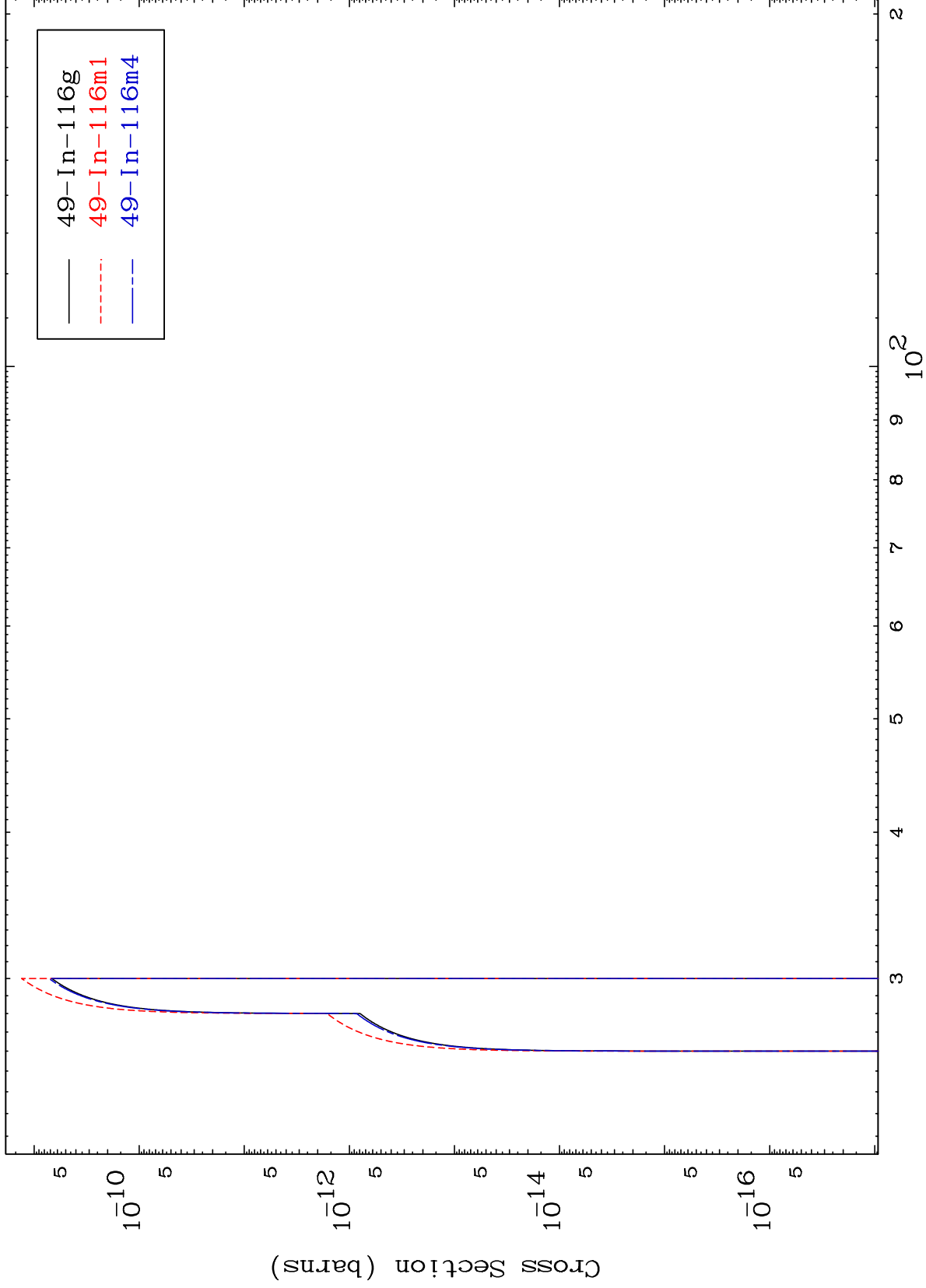


16

Incident Energy (MeV)

49-In-115

Radionuclide Production Cross Section

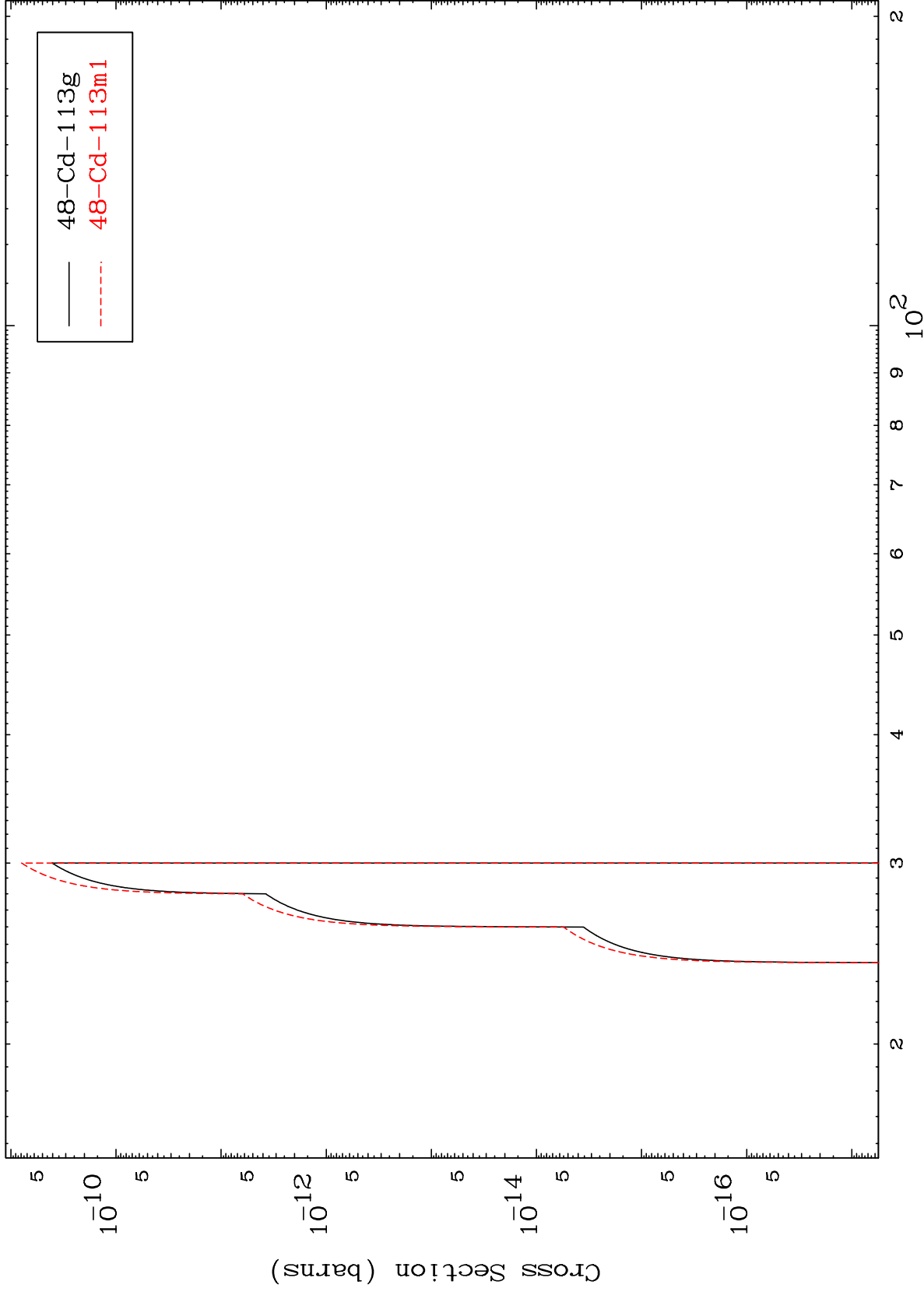


MAT 4932

(α, n') p α

49-In-115

Radionuclide Production Cross Section



18

Incident Energy (MeV)

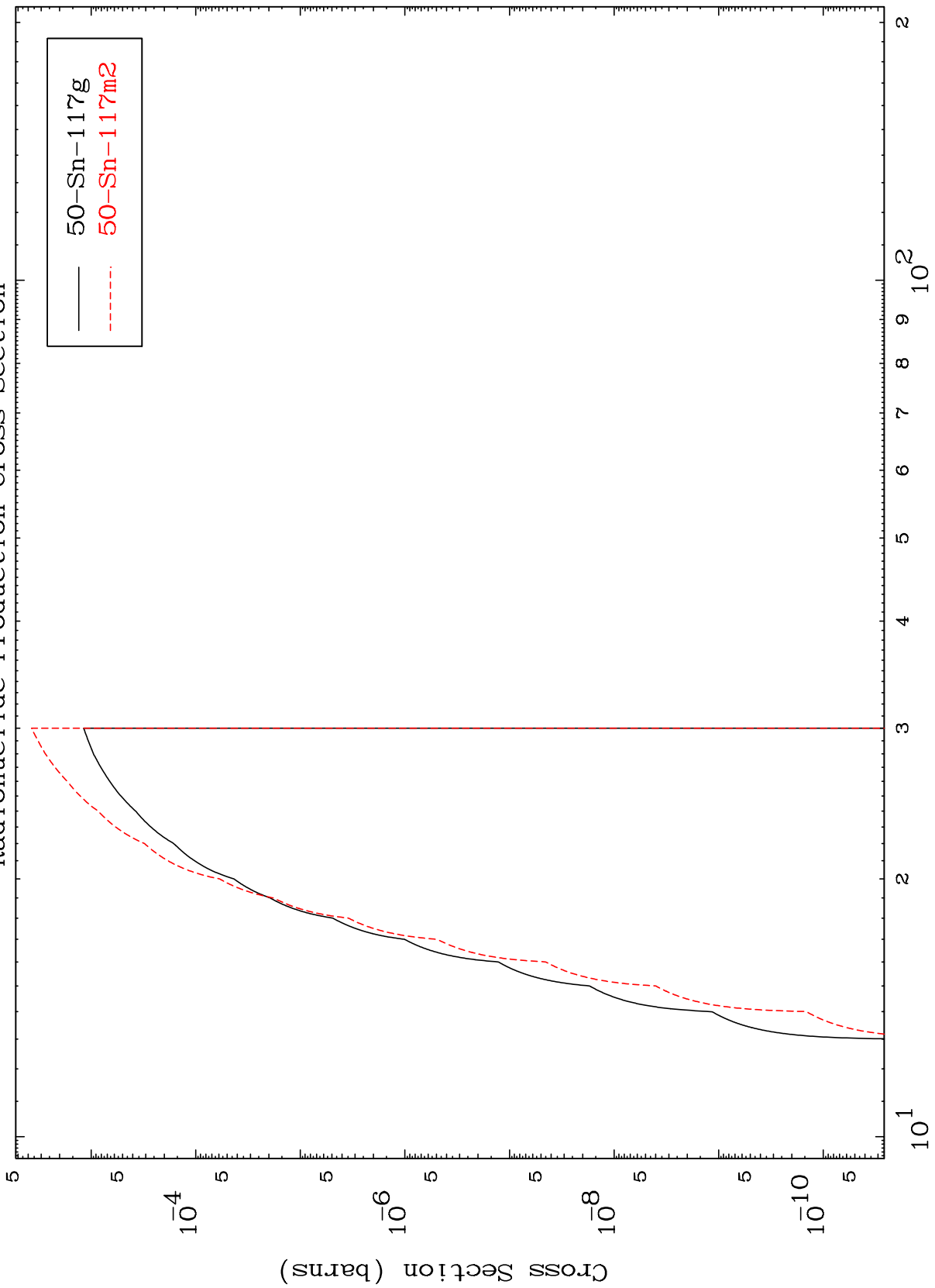
49-In-115

MAT 4932

(α, d)

49-In-115

Radionuclide Production Cross Section



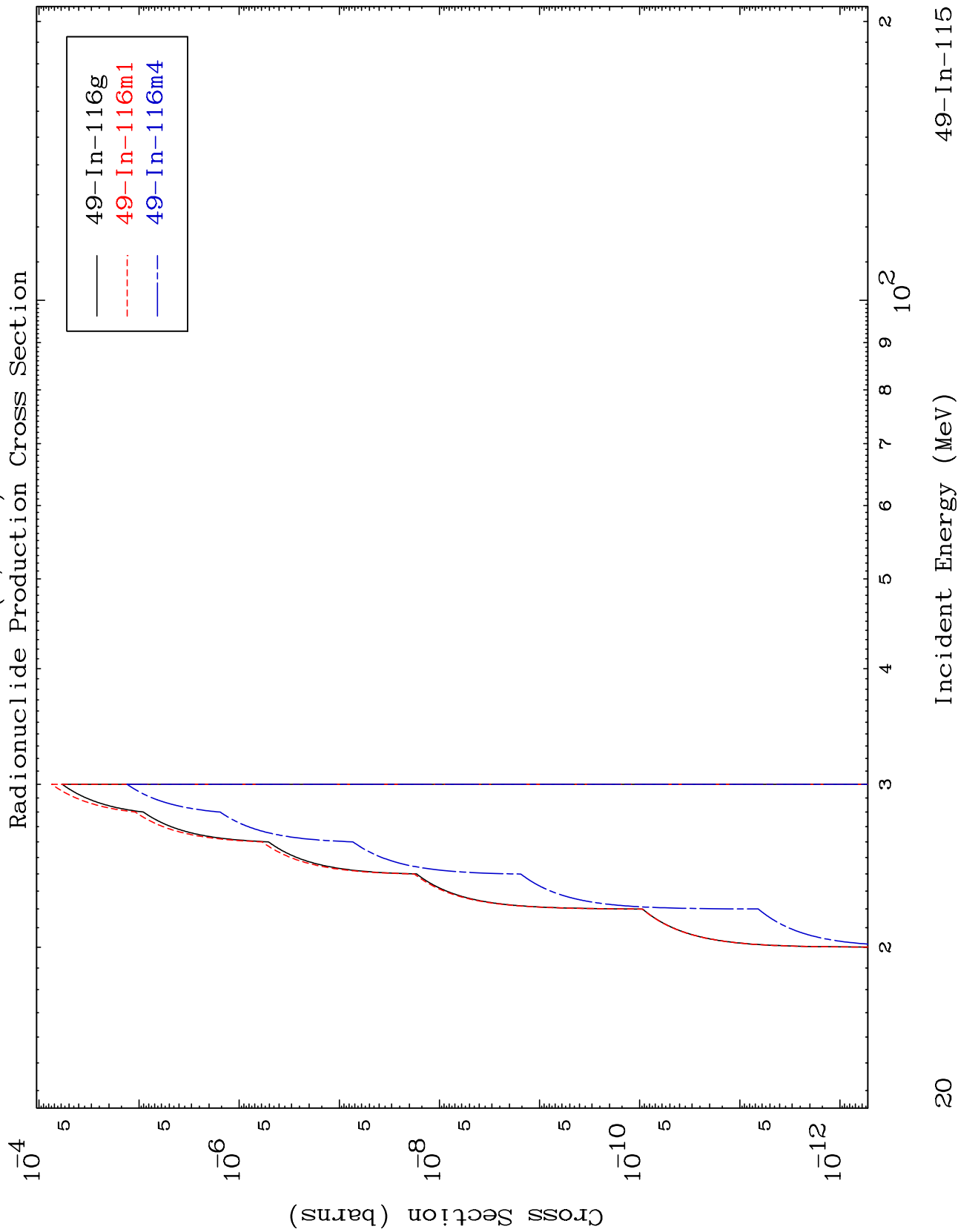
Incident Energy (MeV)

49-In-115

MAT 4932

49-In-115

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



20

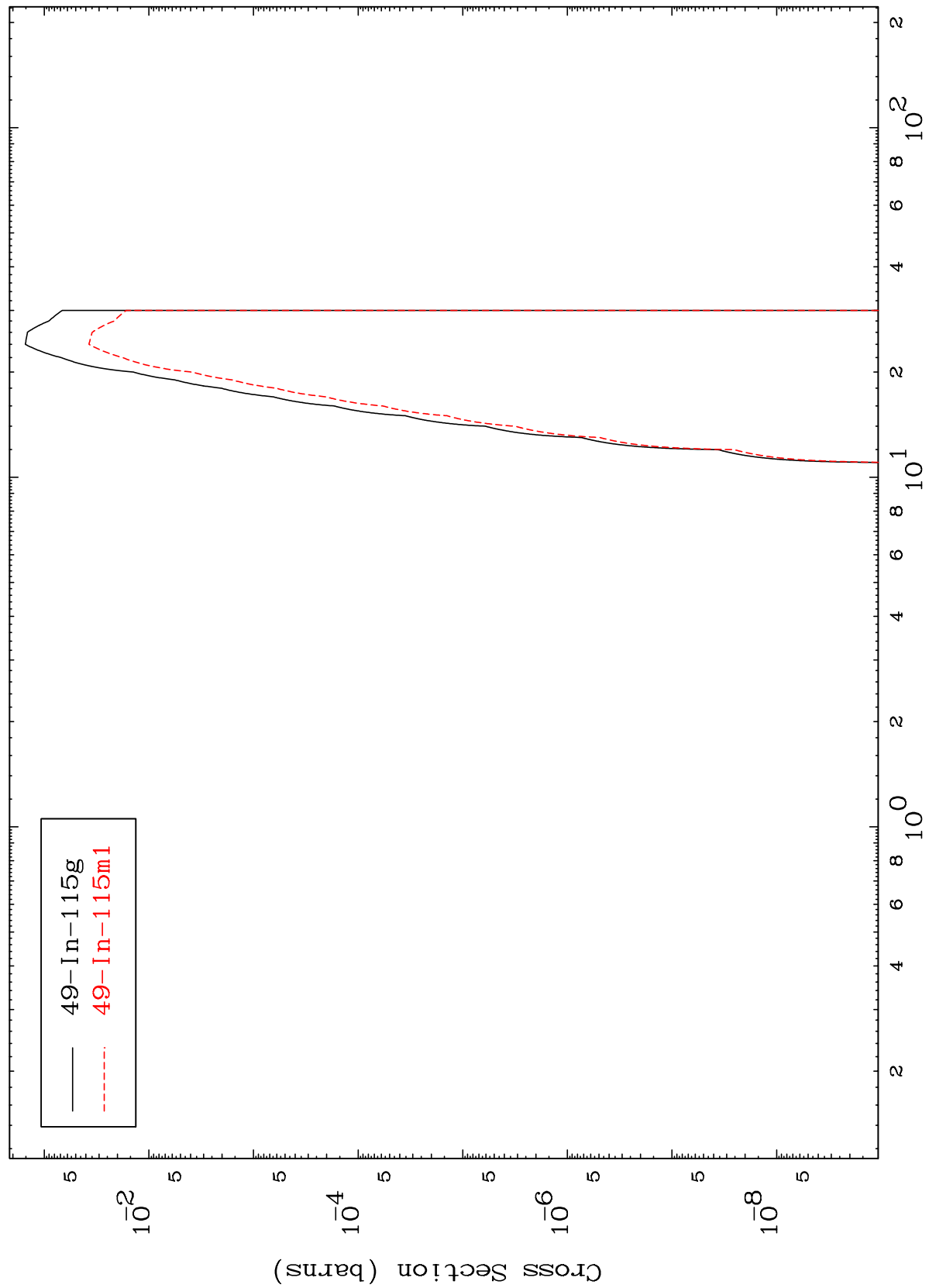
49-In-115

MAT 4932

49-In-115

(α, α)

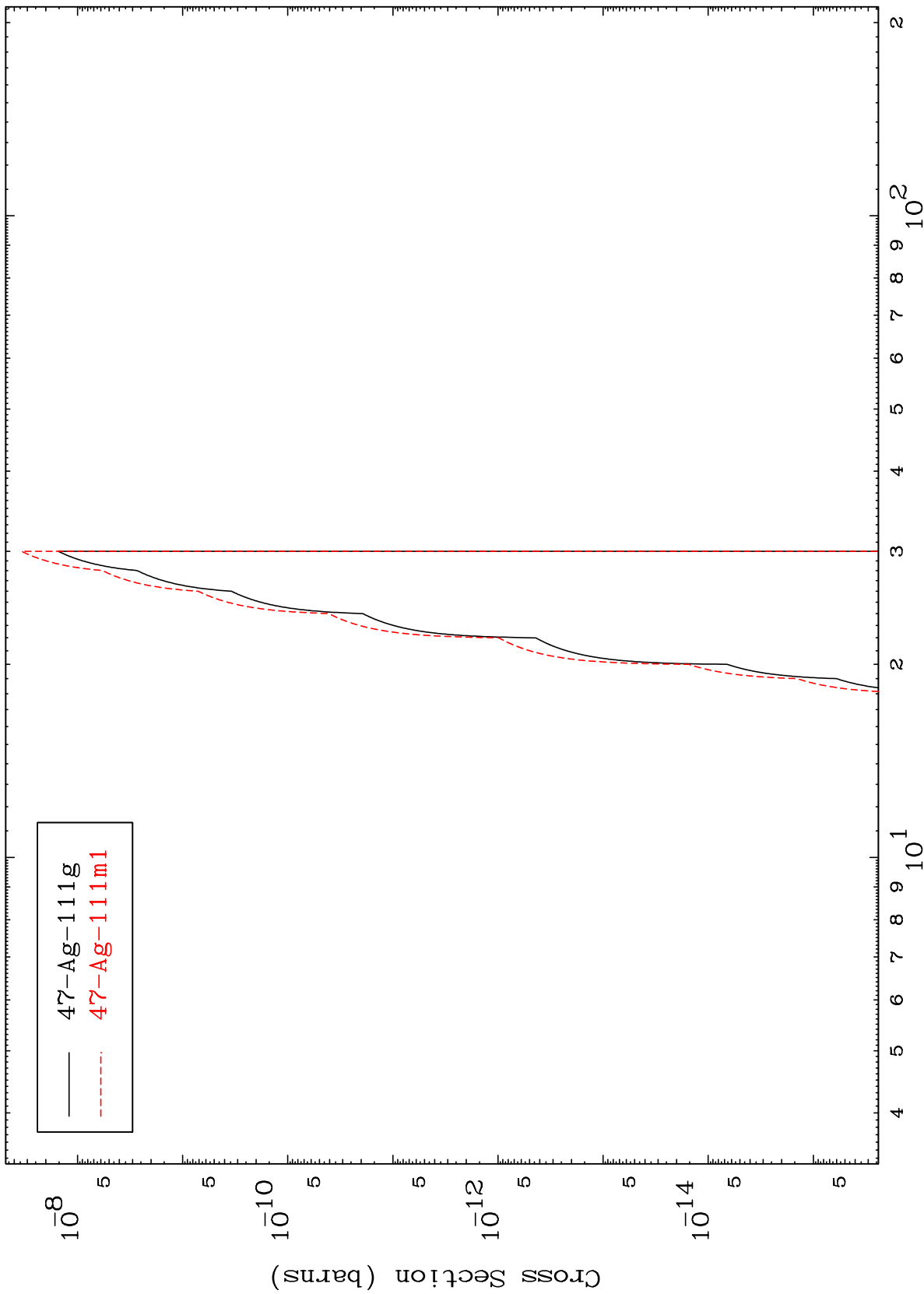
Radionuclide Production Cross Section



MAT 4932

49-In-115

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



22

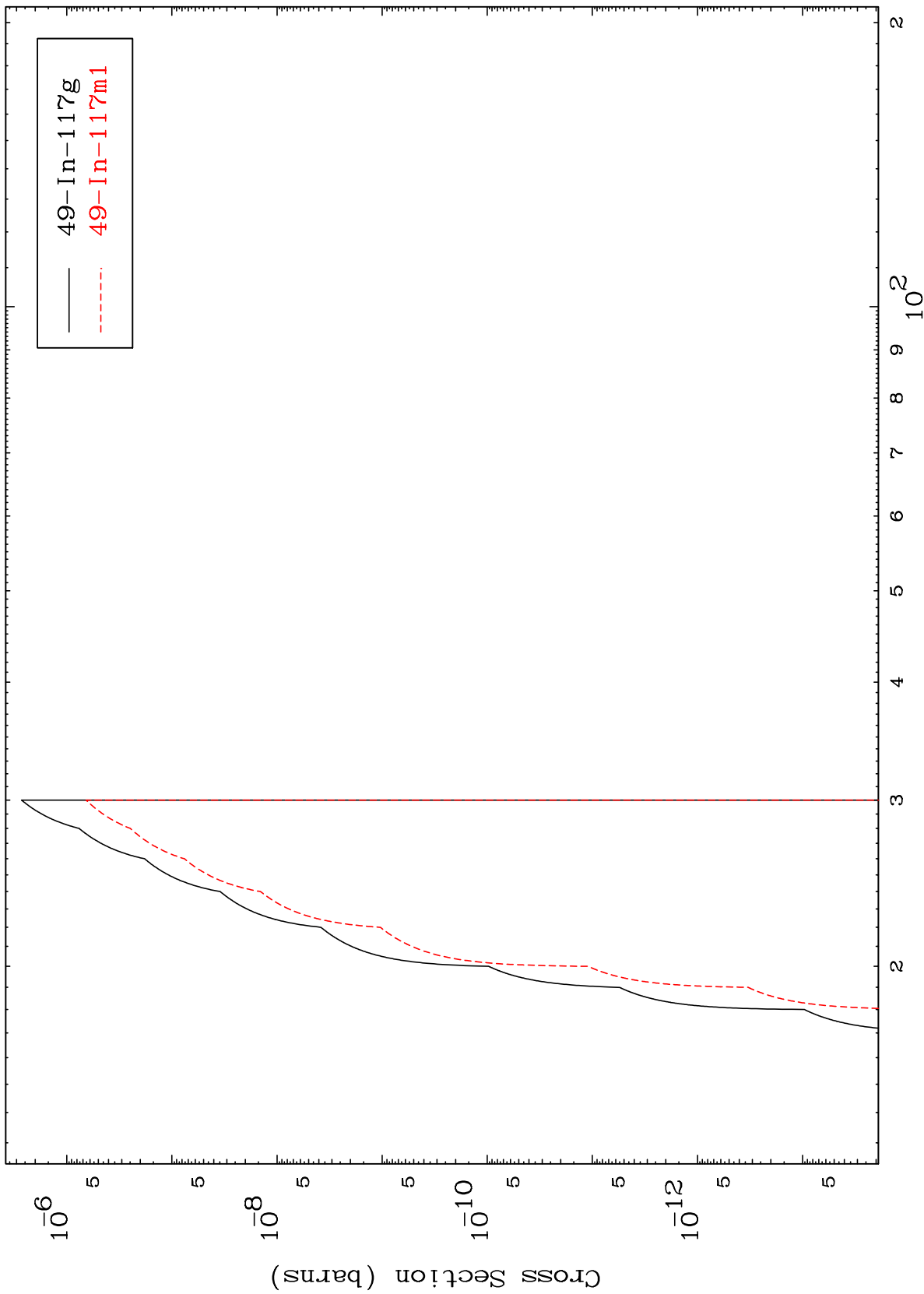
49-In-115

Incident Energy (MeV)

MAT 4932

49-In-115

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



23

49-In-115

Incident Energy (MeV)