

Program EVALPLOT
(Version 2021-1)

by

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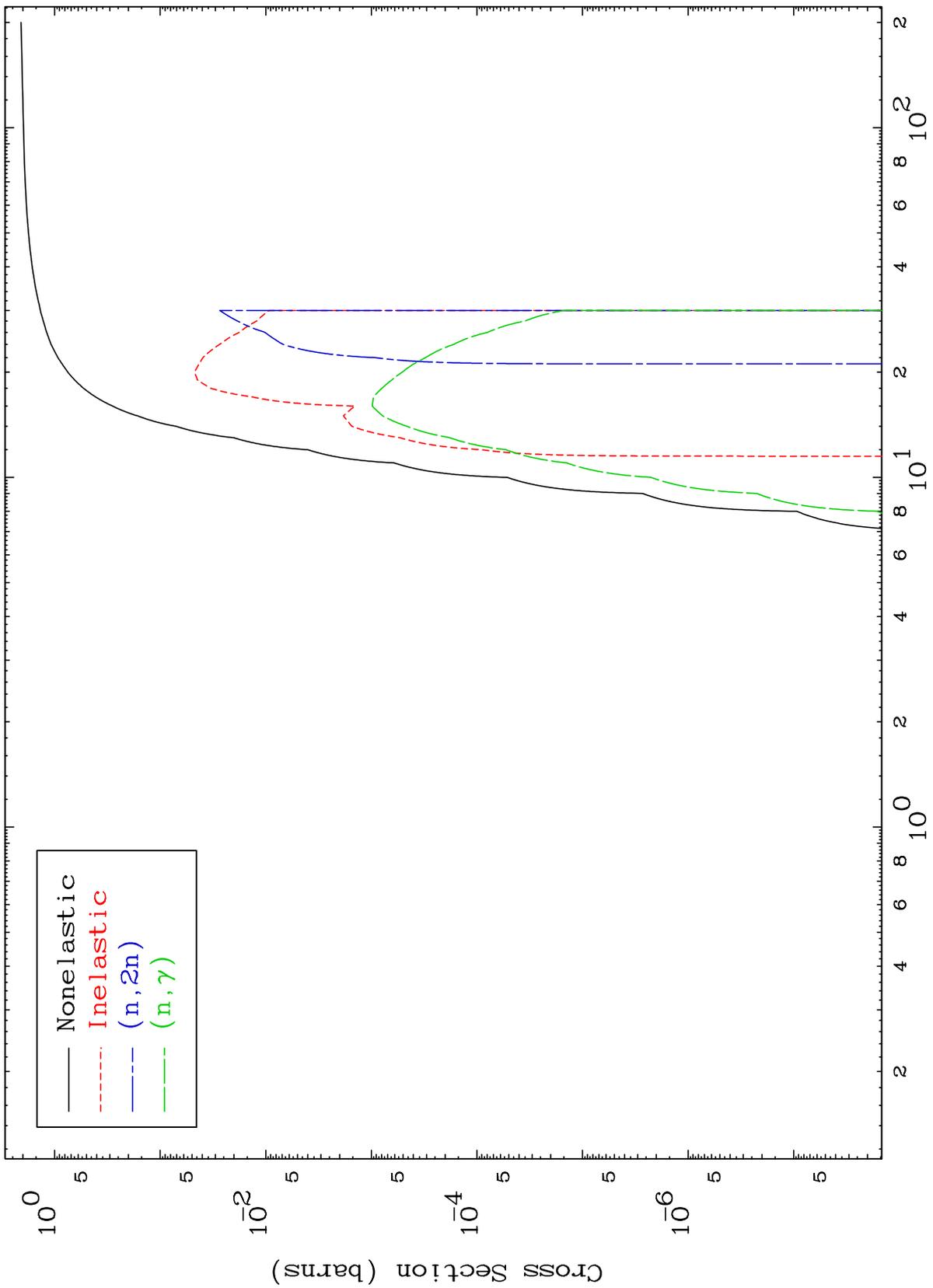
Press Mouse Button to Start

MAT 4908

α Major

49-In-107m

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, γ)

49-In-107m

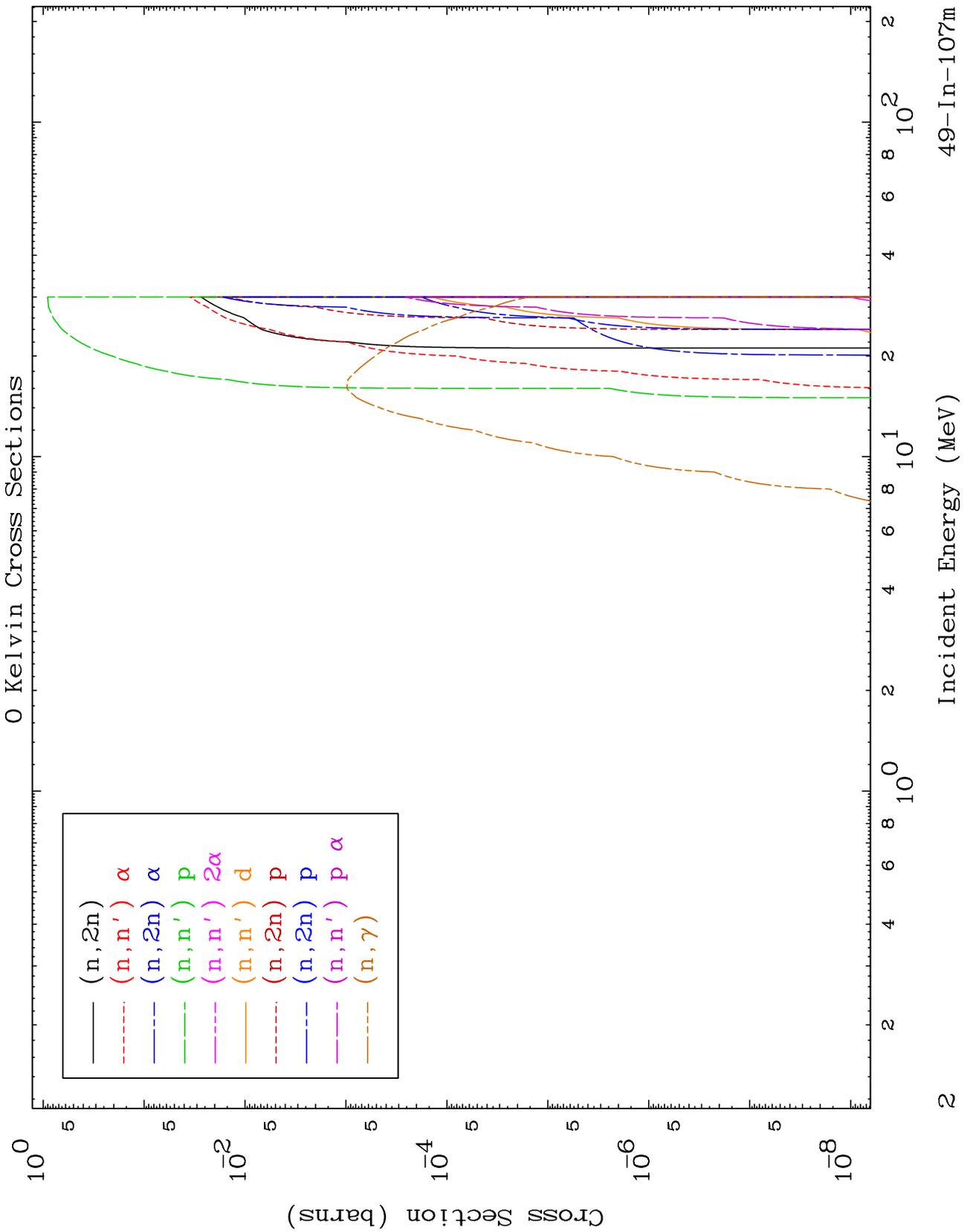
Incident Energy (MeV)

1

MAT 4908

α Neutron Absorption

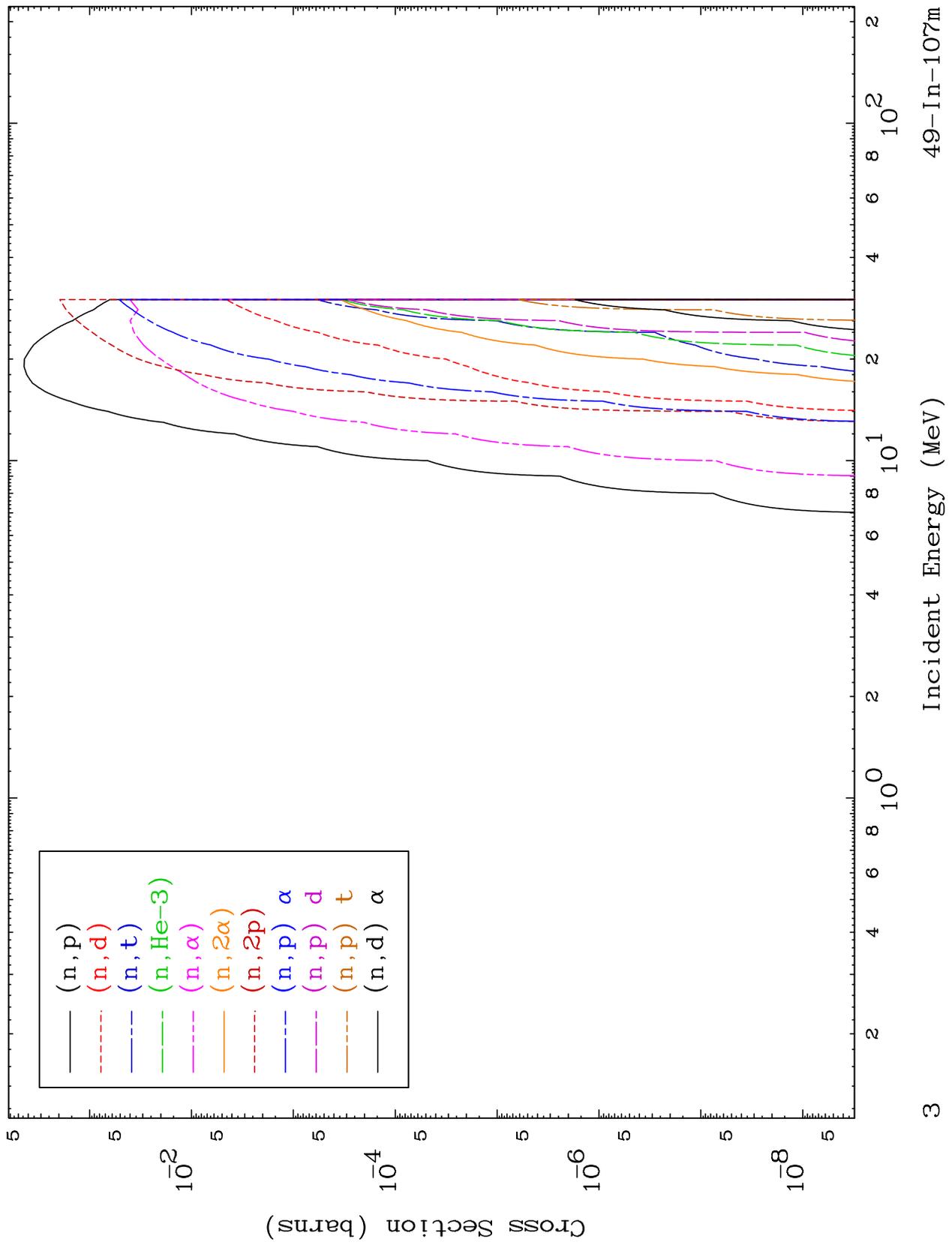
49-In-107m



MAT 4908

α Neutron Absorption
0 Kelvin Cross Sections

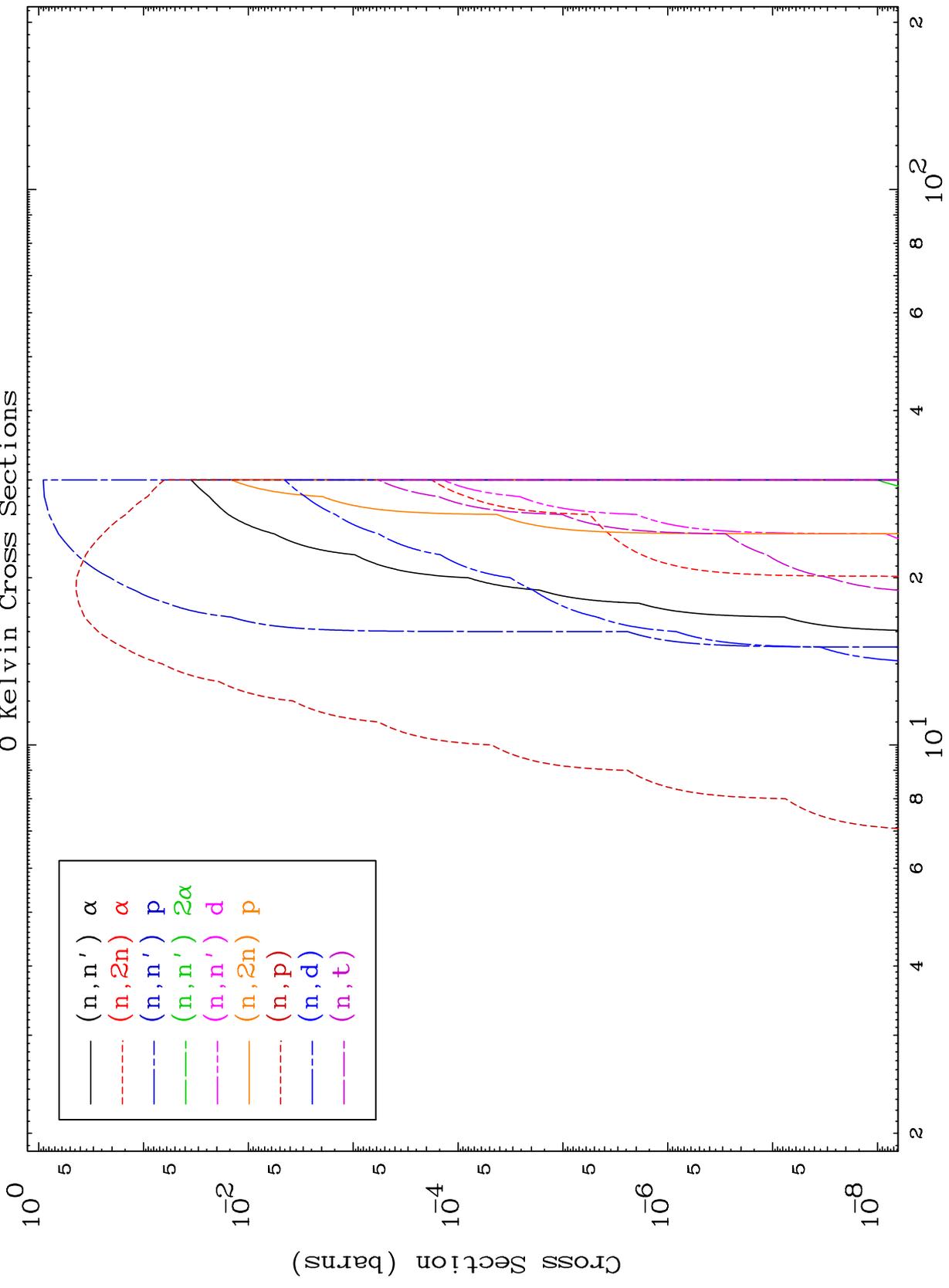
49-In-107m



MAT 4908

α Charged Particle
0 Kelvin Cross Sections

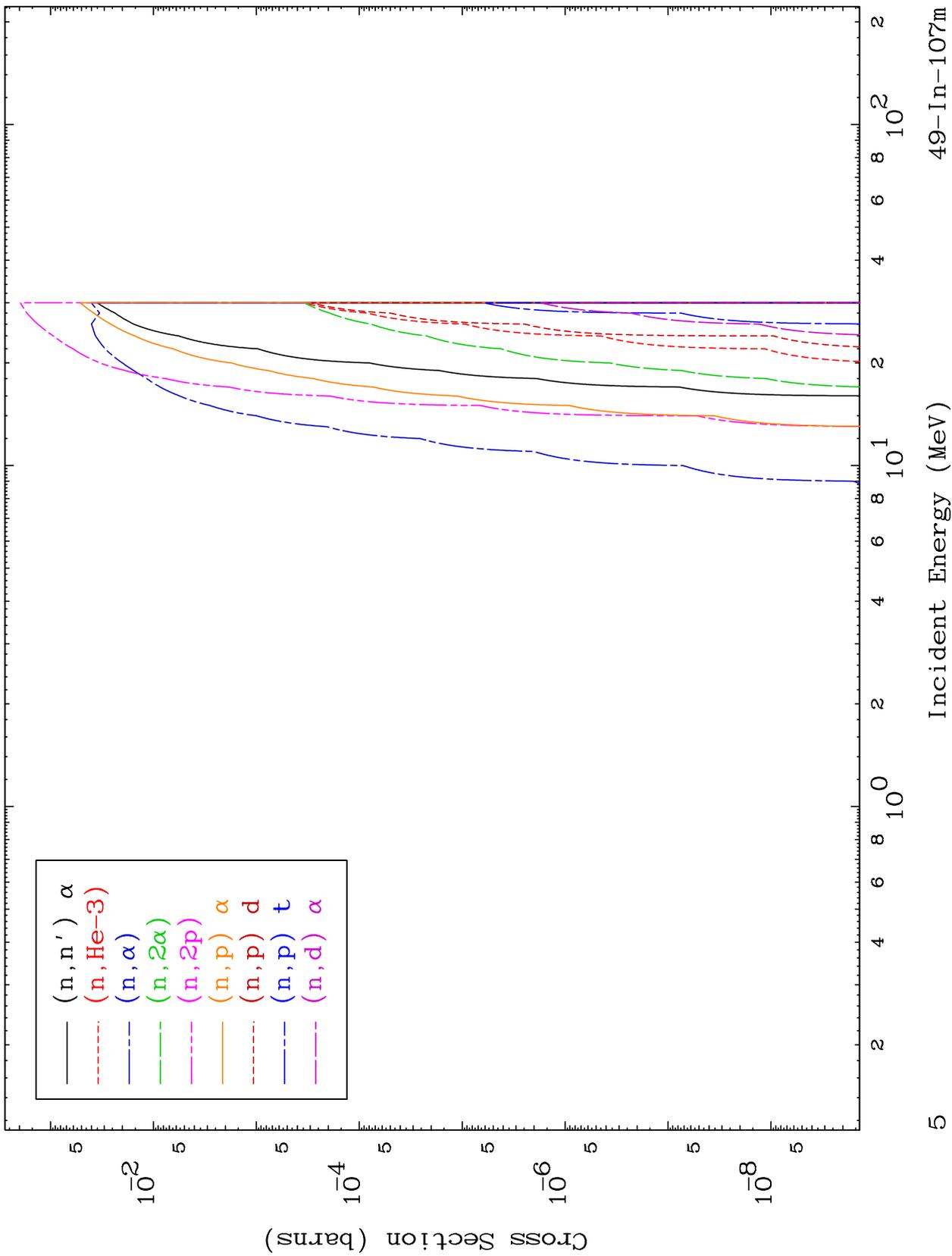
49-In-107m



Incident Energy (MeV)

49-In-107m

4

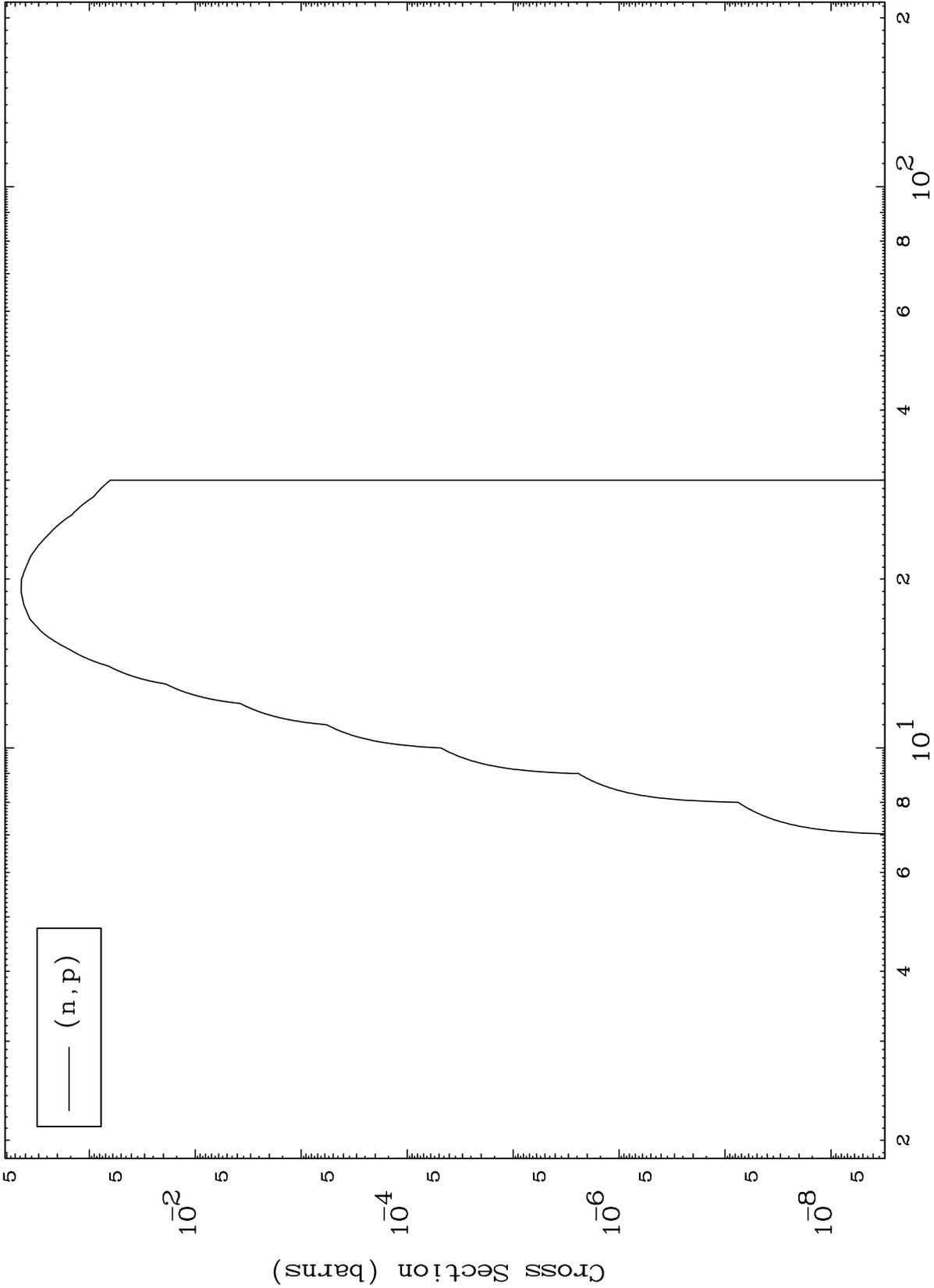


MAT 4908

(α, p) Levels

49-In-107m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-107m

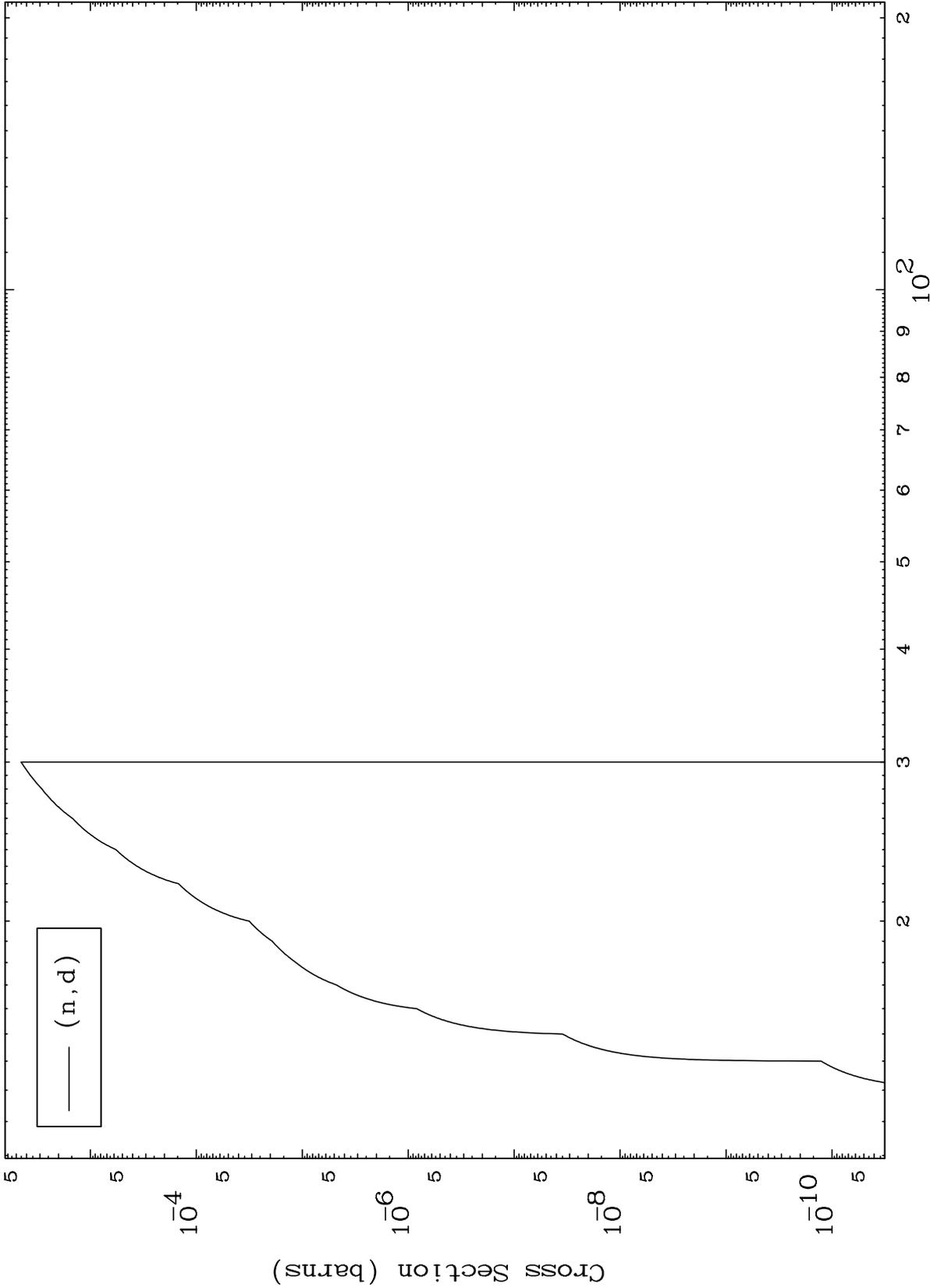
6

MAT 4908

(α, d) Levels

49-In-107m

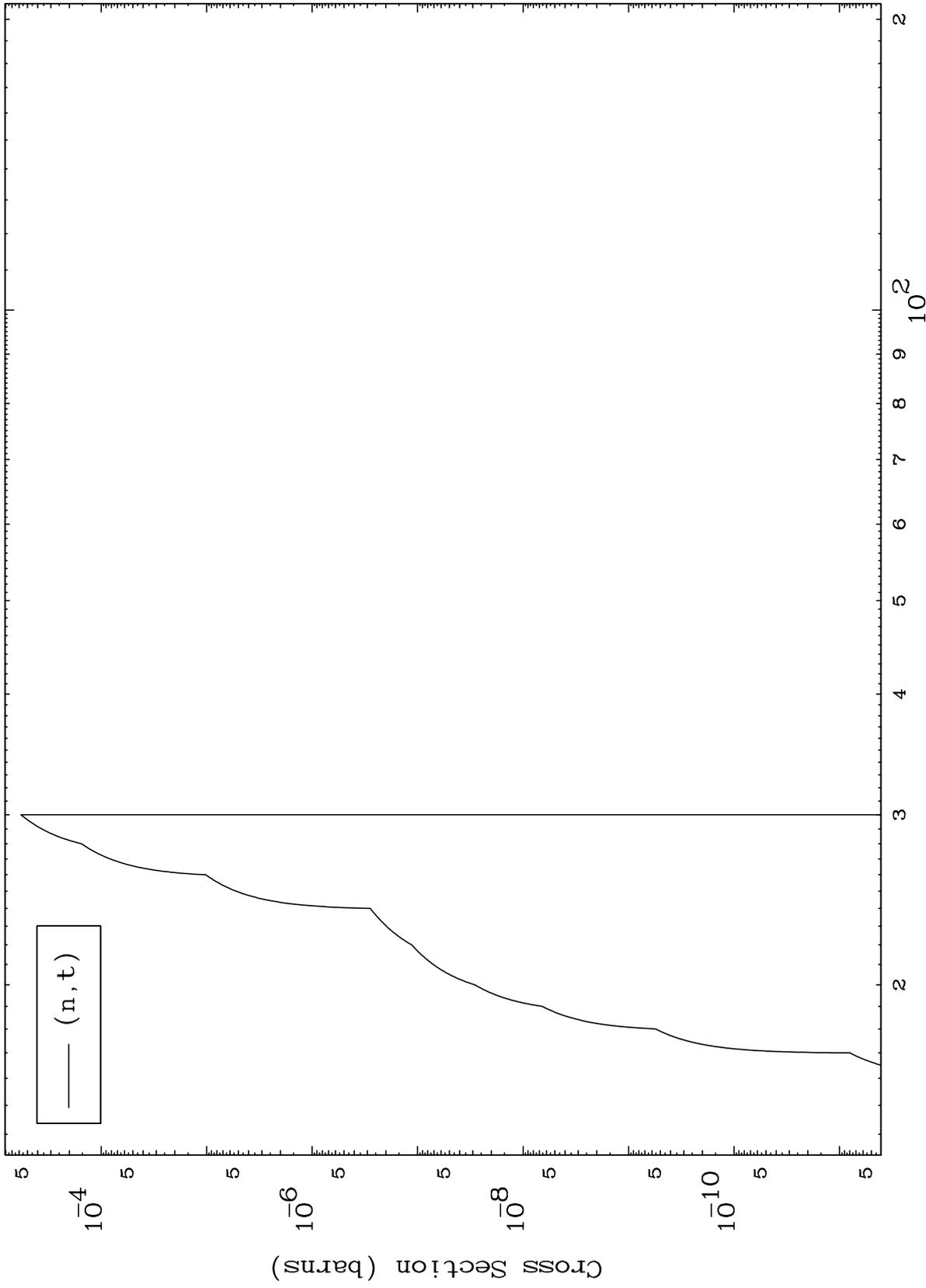
0 Kelvin Cross Sections



MAT 4908

(α, t) Levels
0 Kelvin Cross Sections

49-In-107m



8

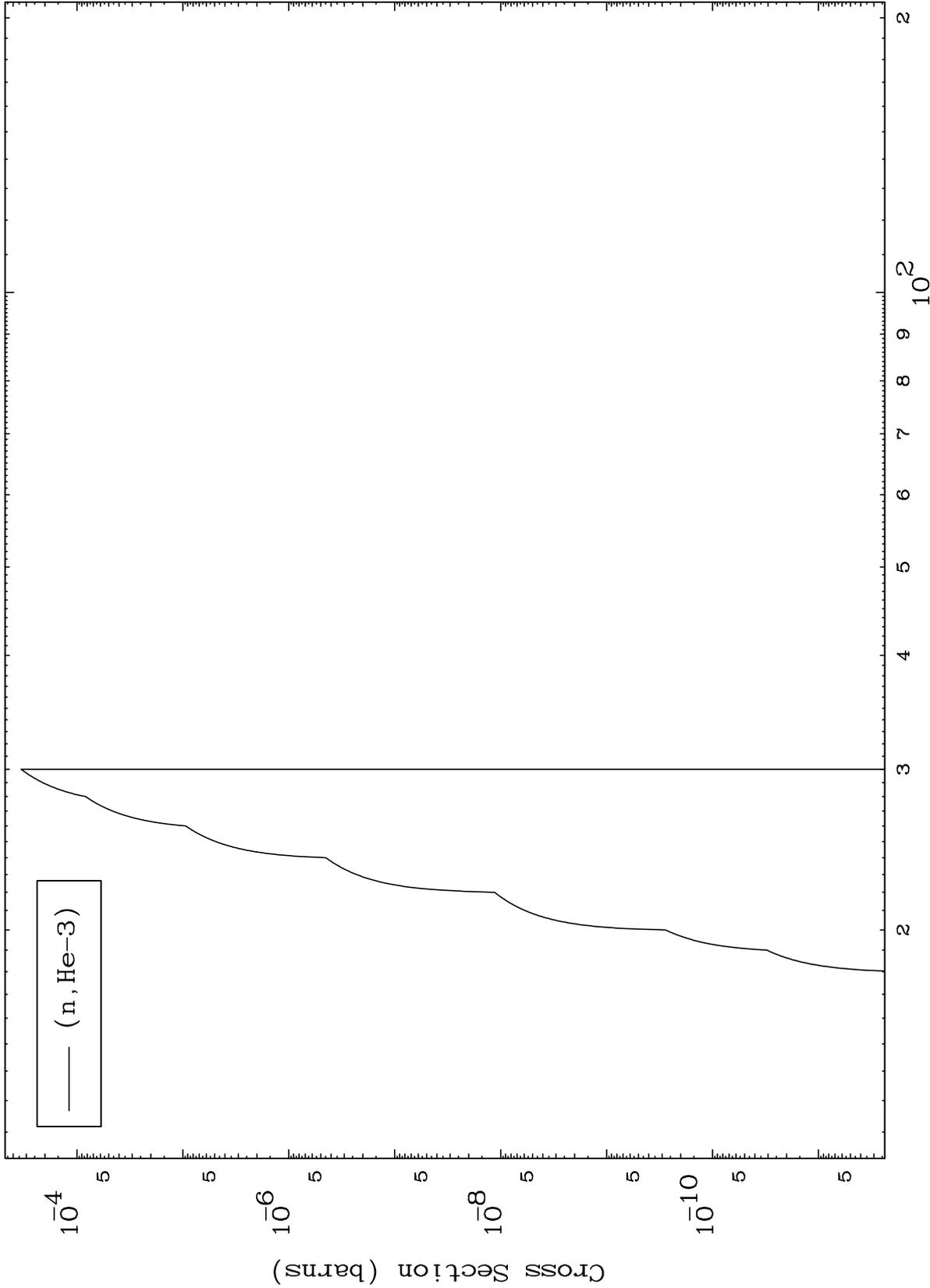
Incident Energy (MeV)

49-In-107m

MAT 4908

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

49-In-107m

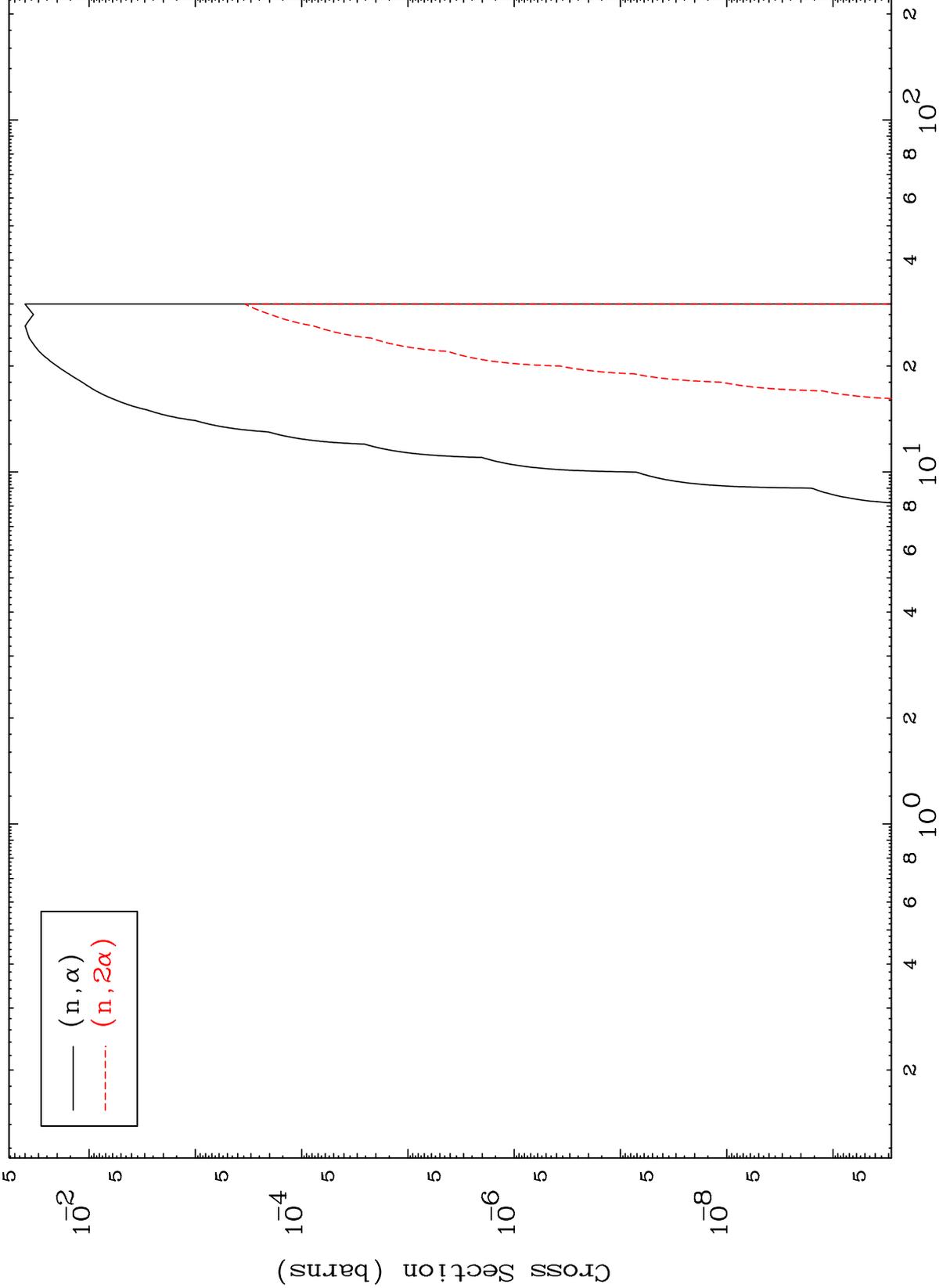


MAT 4908

(α, α) Levels

49-In-107m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

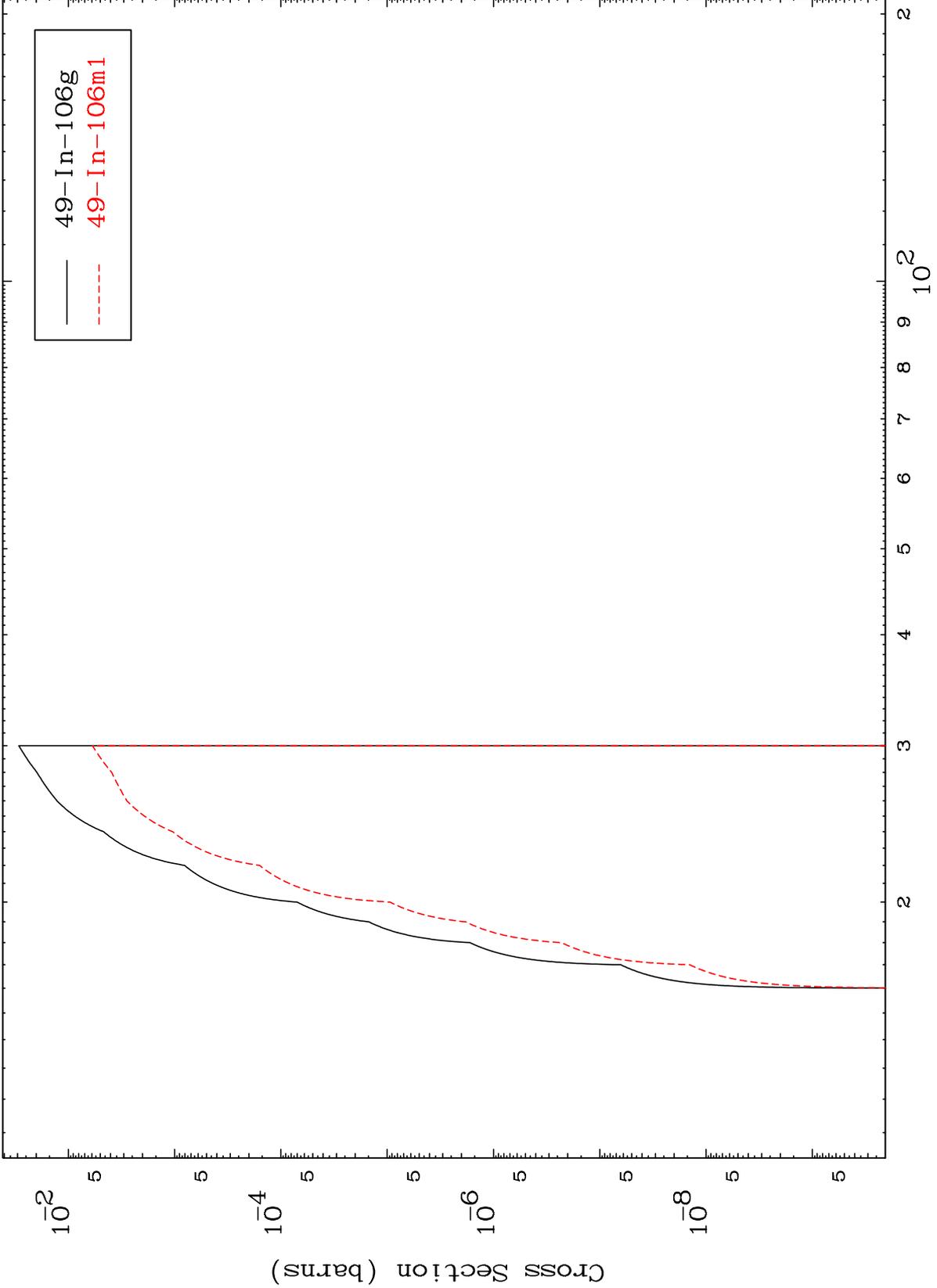
49-In-107m

MAT 4908

$(n, n') \alpha$

49-In-107m

Radionuclide Production Cross Section

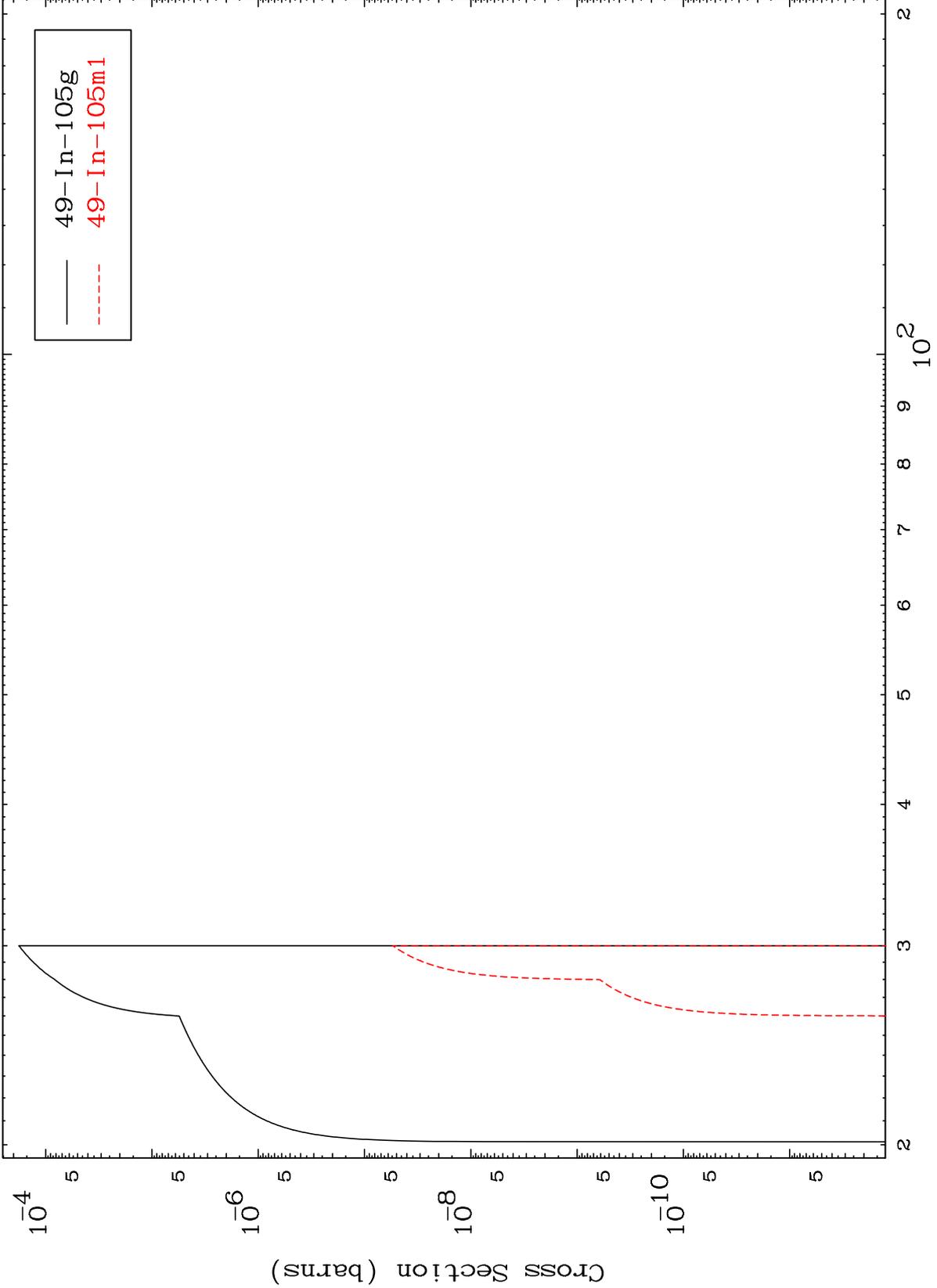


MAT 4908

(n,2n) α

49-In-107m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

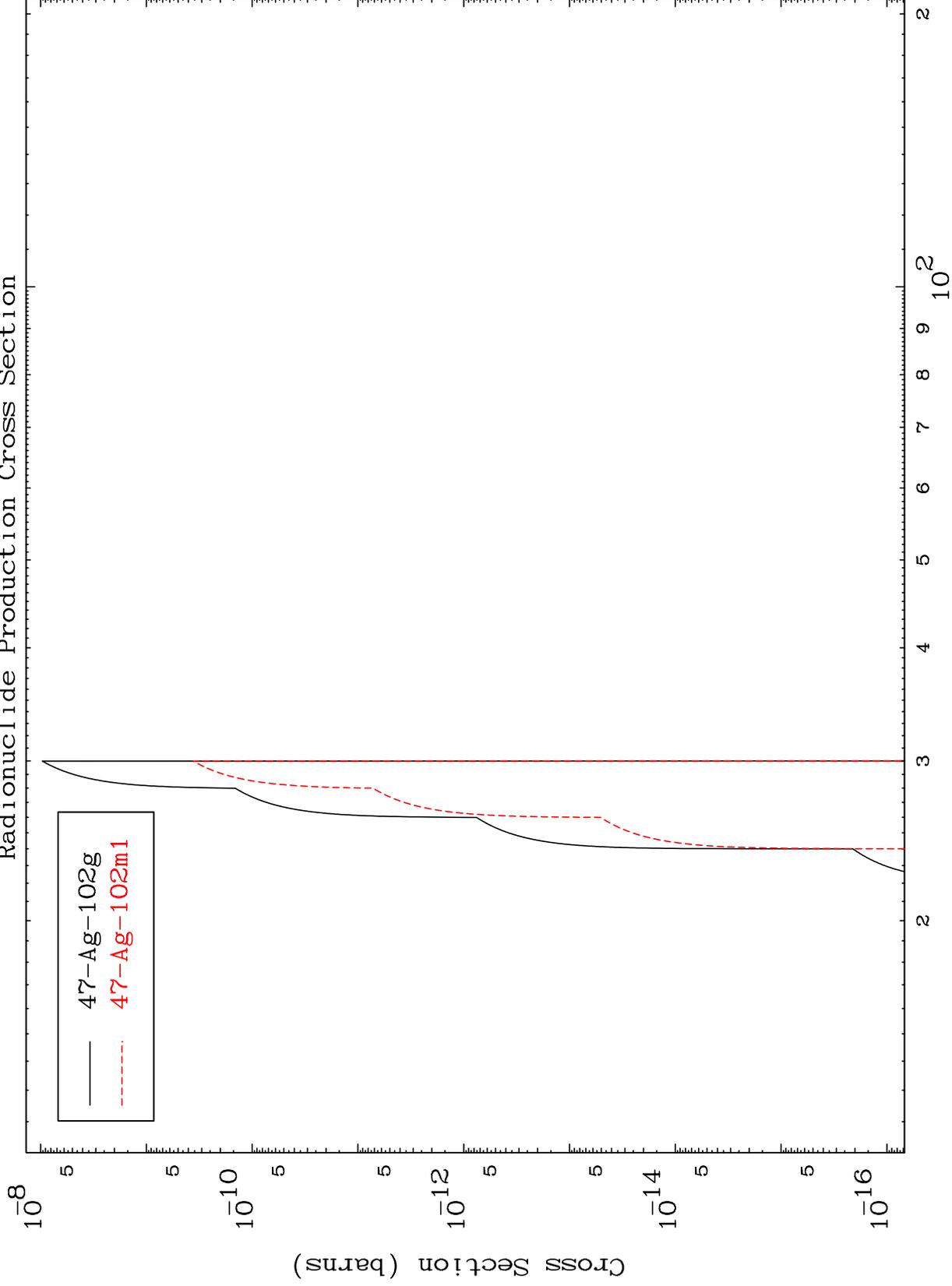
49-In-107m

MAT 4908

(n,n') 2 α

49-In-107m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-107m

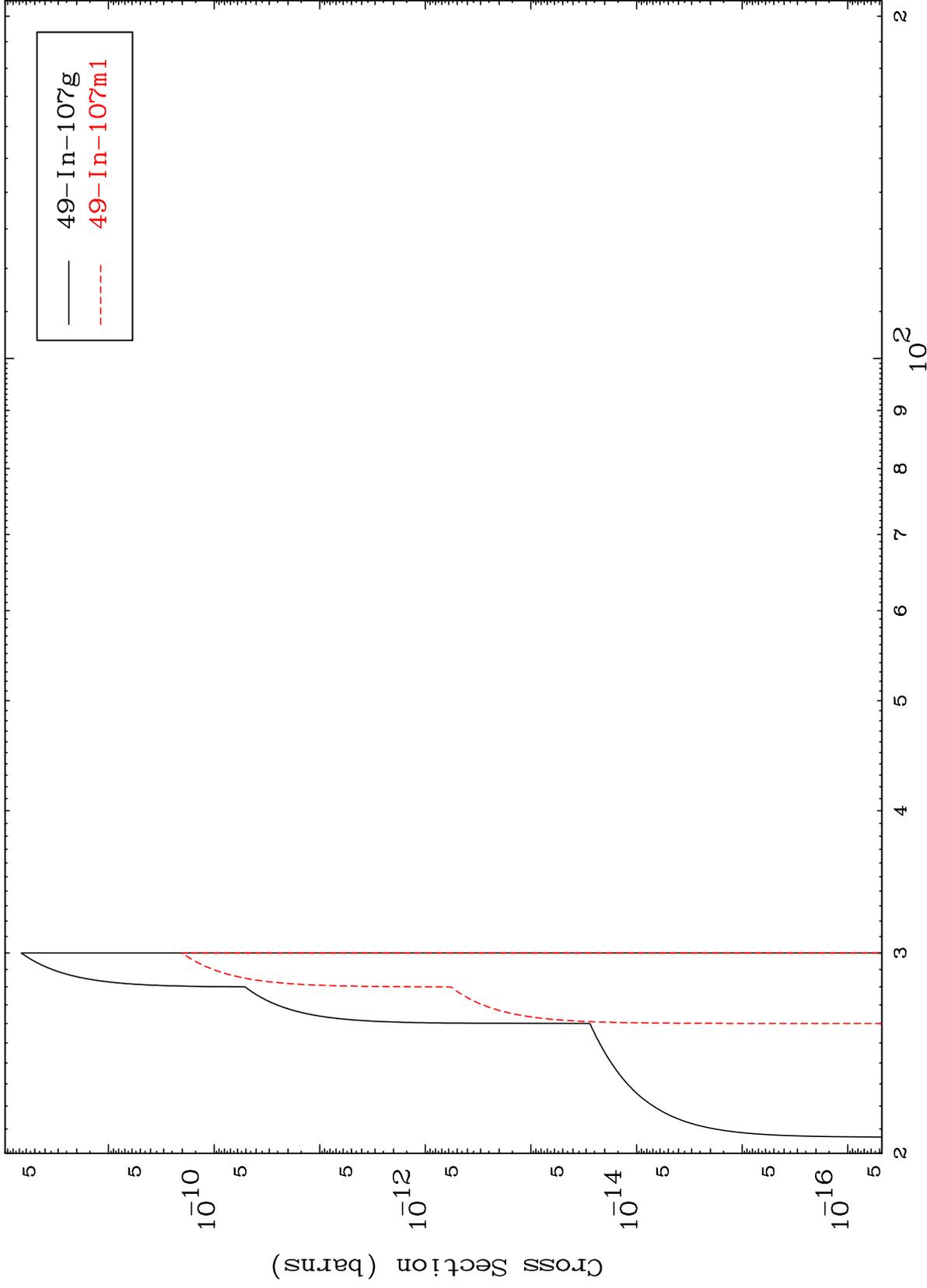
13

MAT 4908

(n,n') He-3

49-In-107m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

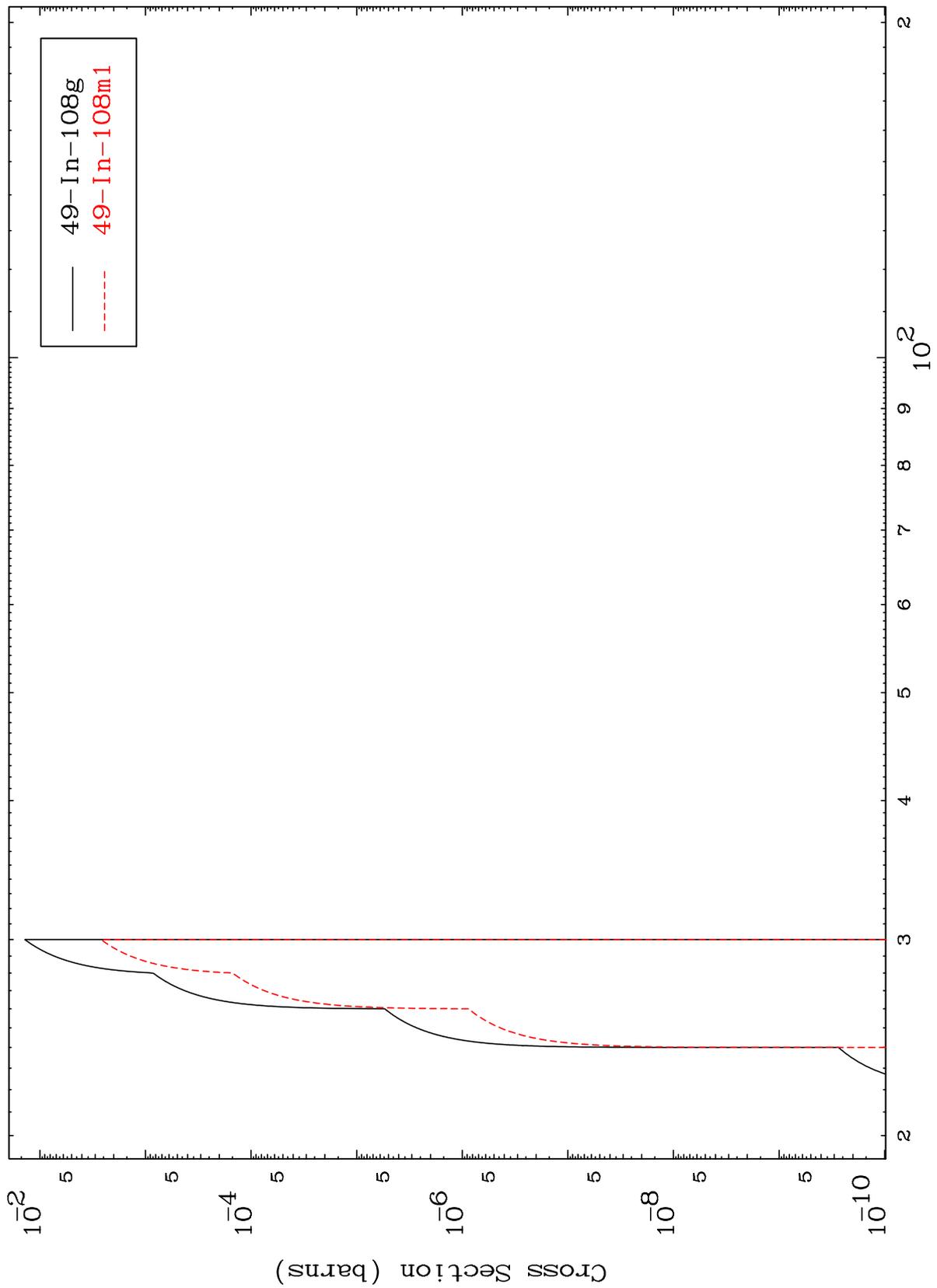
49-In-107m

MAT 4908

(n,2n) p

49-In-107m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

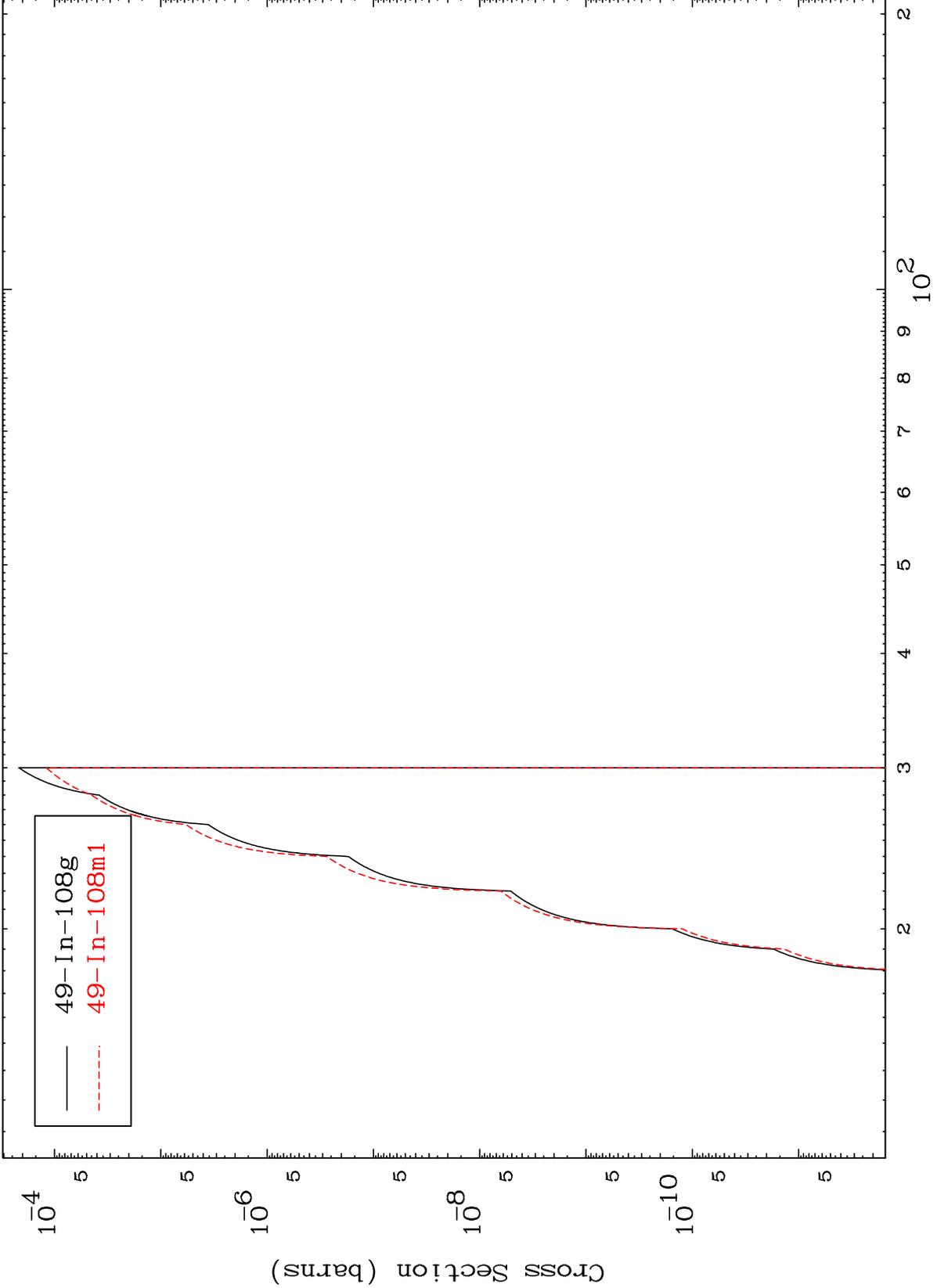
49-In-107m

MAT 4908

(n,He-3)

49-In-107m

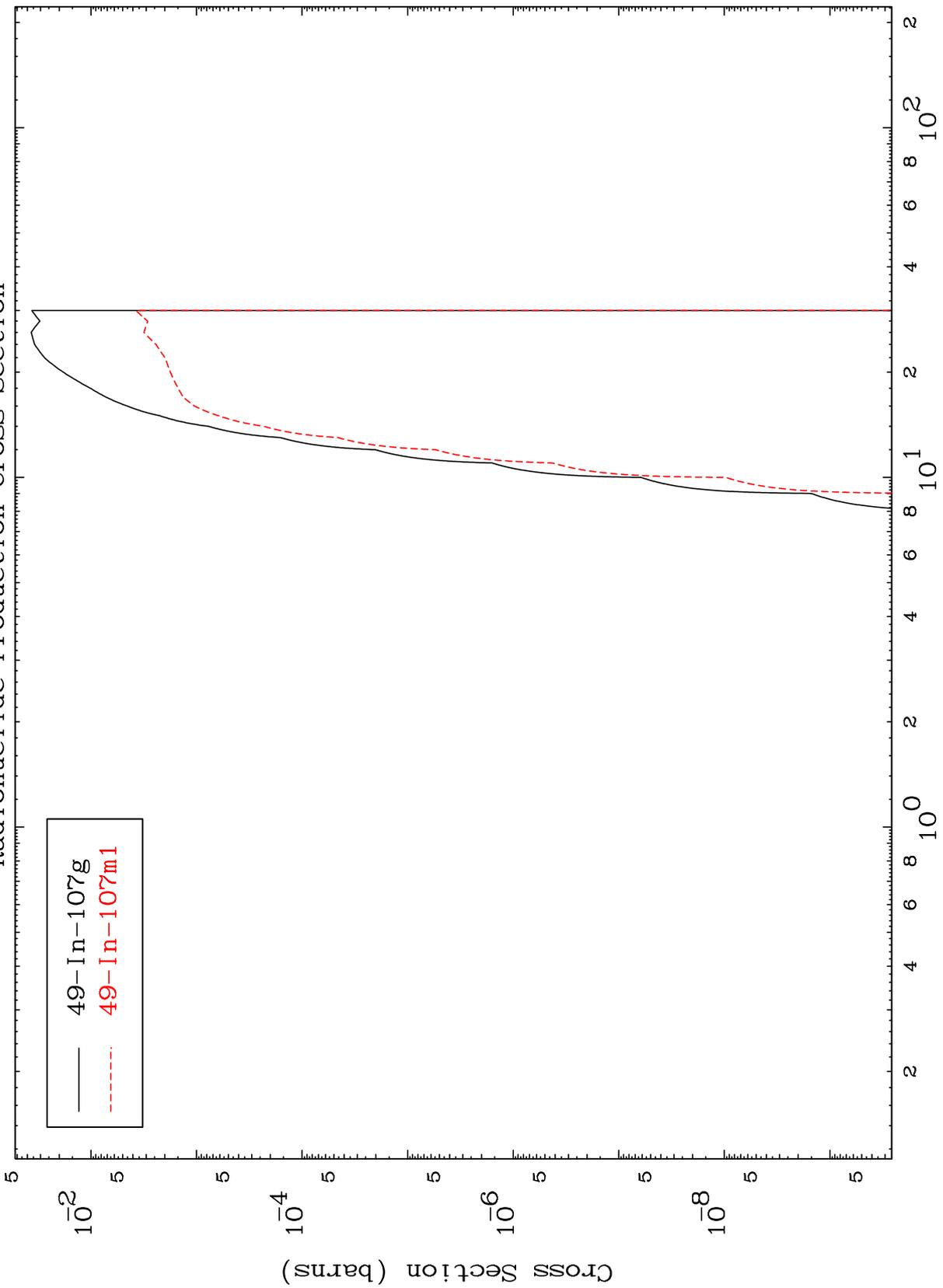
Radionuclide Production Cross Section



MAT 4908

49-In-107m

Radionuclide Production Cross Section
(n, α)



49-In-107m

Incident Energy (MeV)

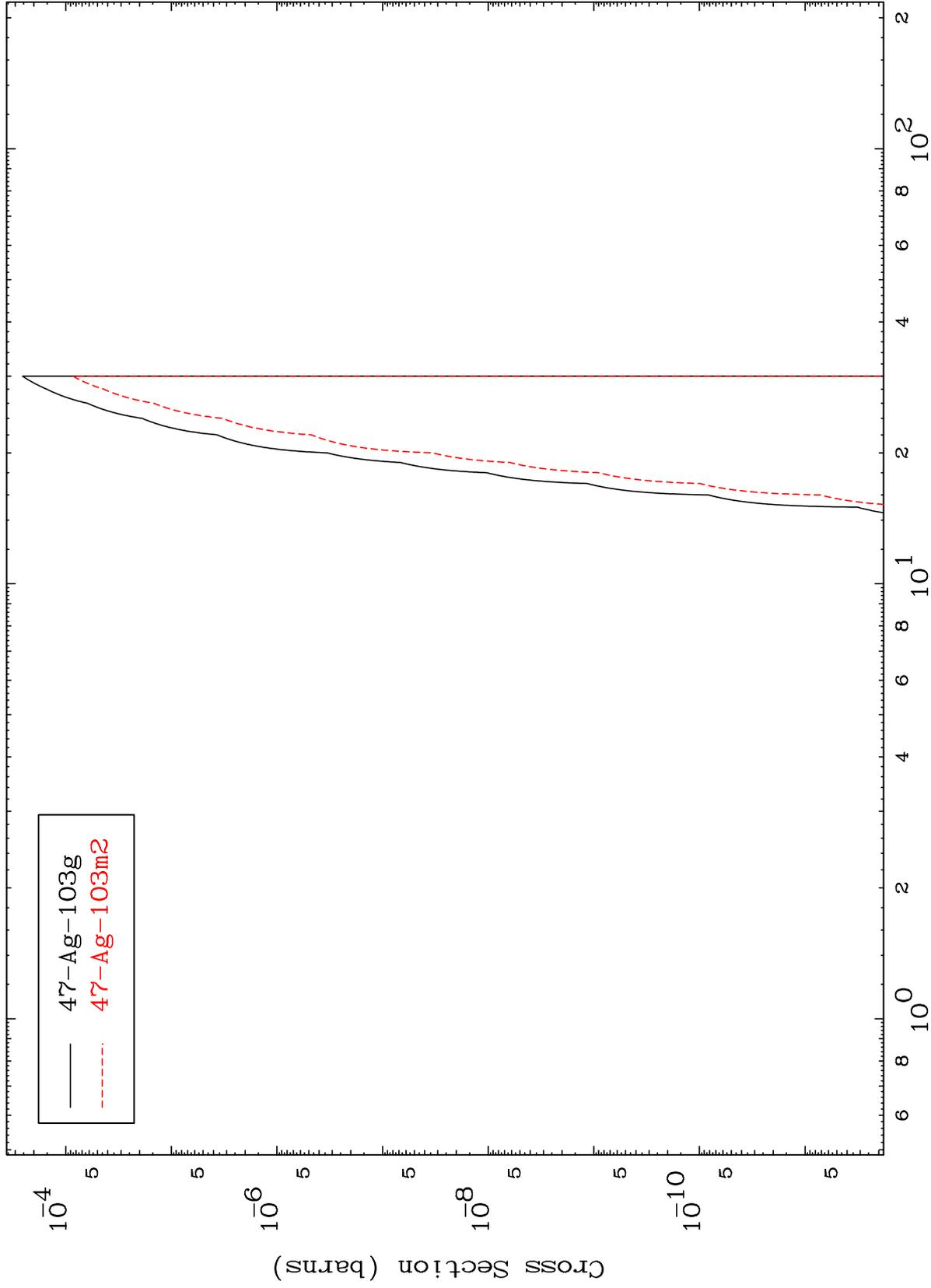
17

MAT 4908

(n,2α)

49-In-107m

Radionuclide Production Cross Section



18

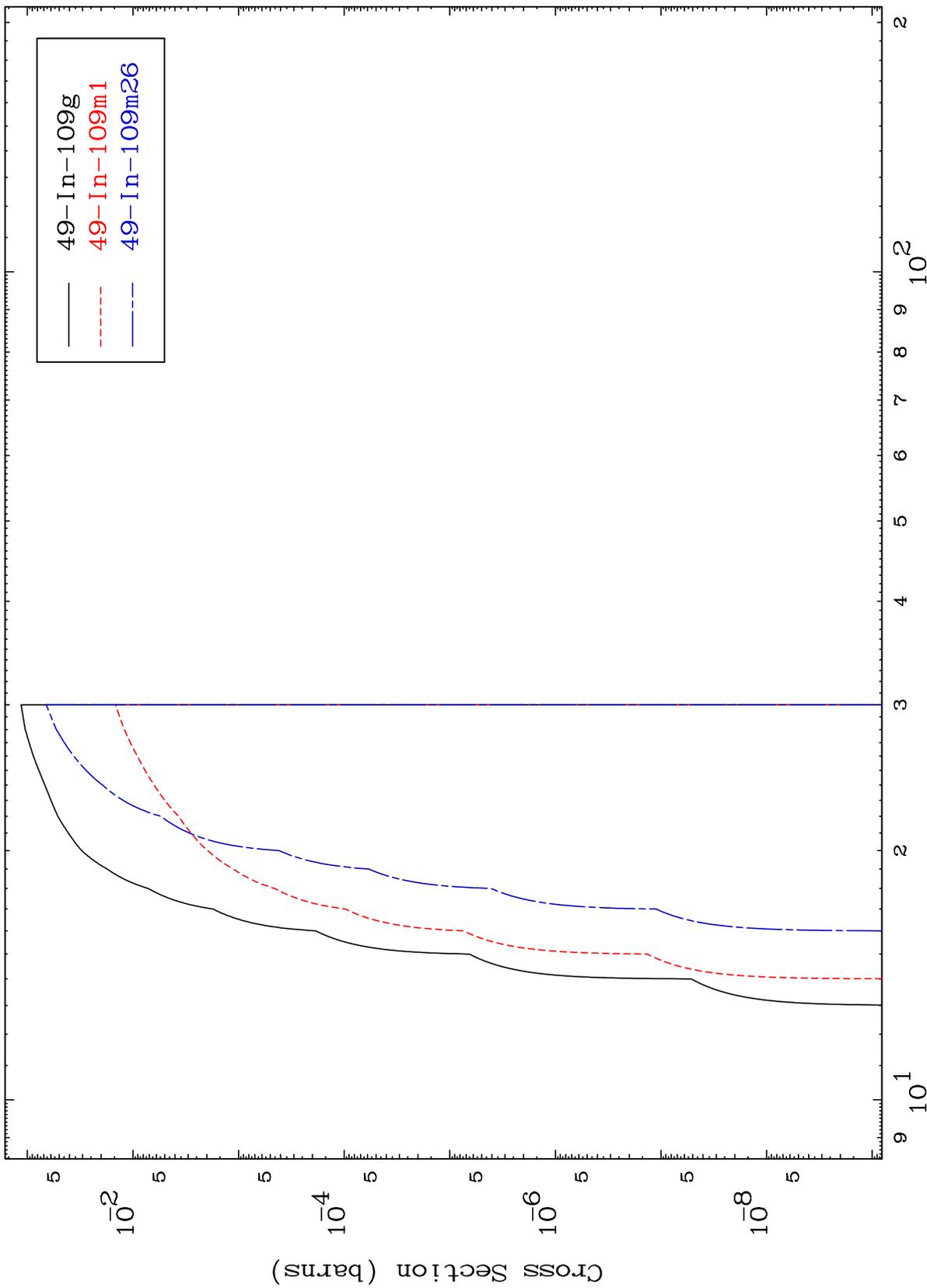
Incident Energy (MeV)

49-In-107m

MAT 4908

49-In-107m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

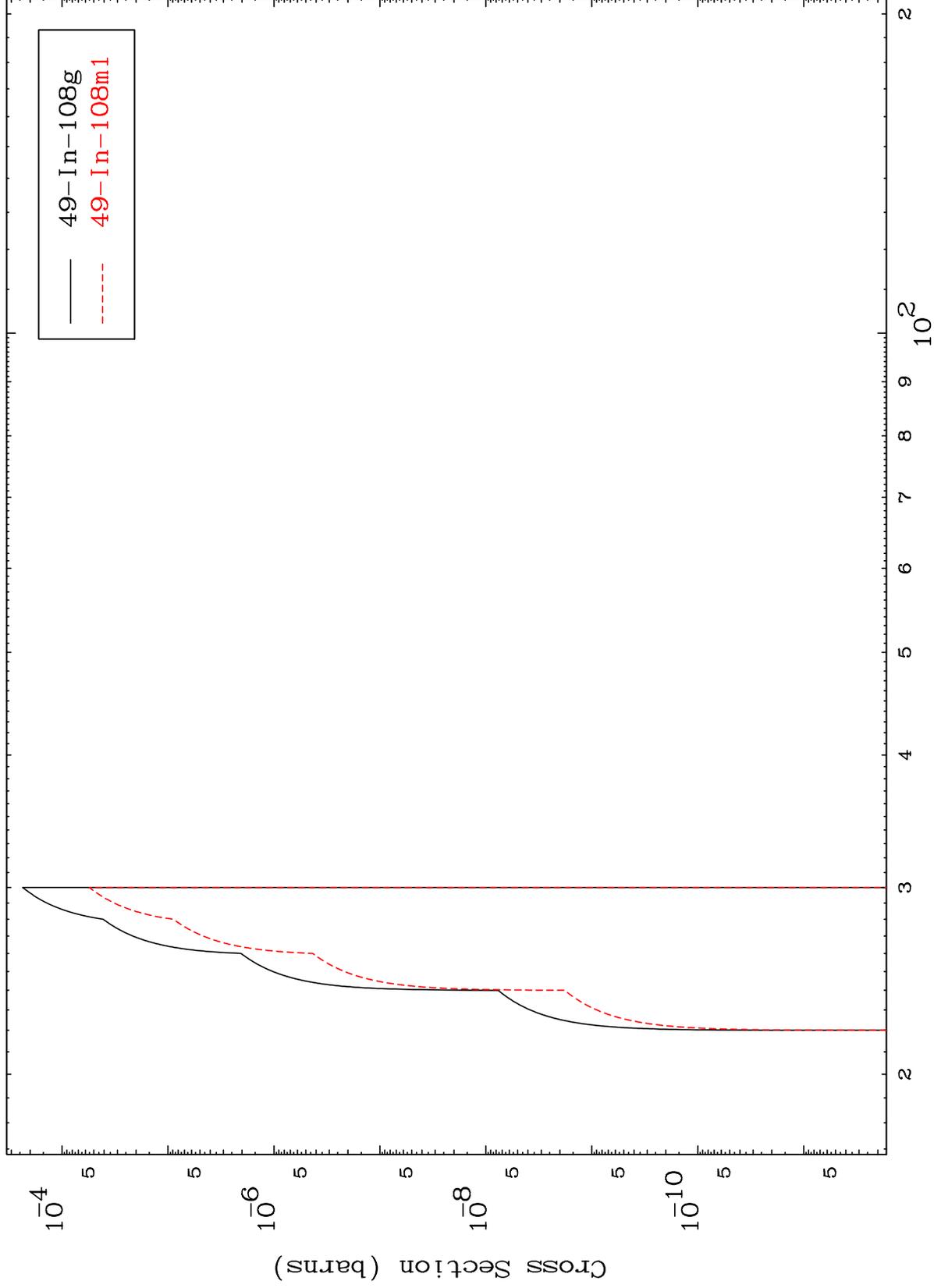
49-In-107m

MAT 4908

(n,p) d

49-In-107m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

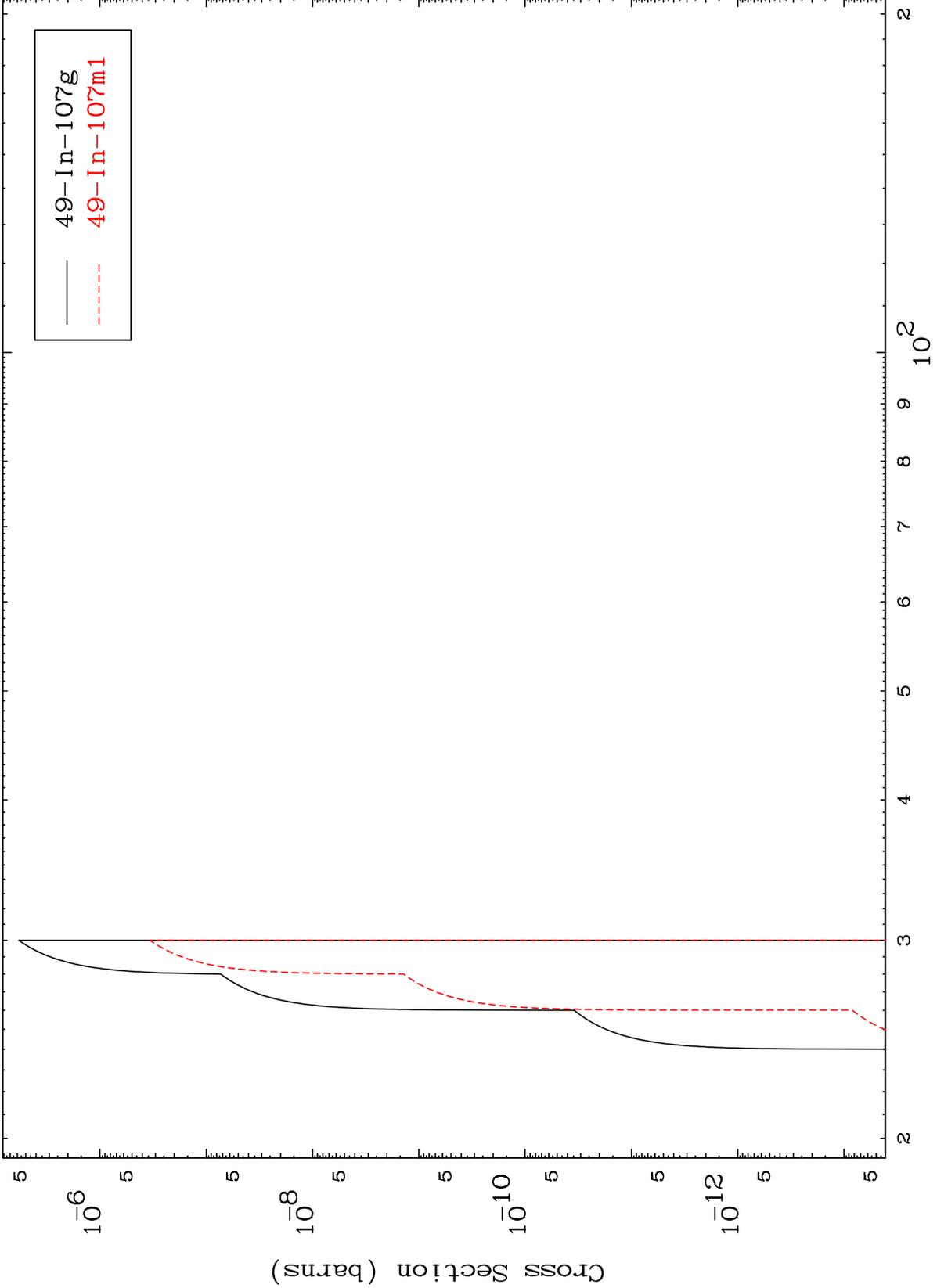
49-In-107m

MAT 4908

(n,p) t

49-In-107m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

49-In-107m