

Program EVALPLOT
(Version 2021-1)

by

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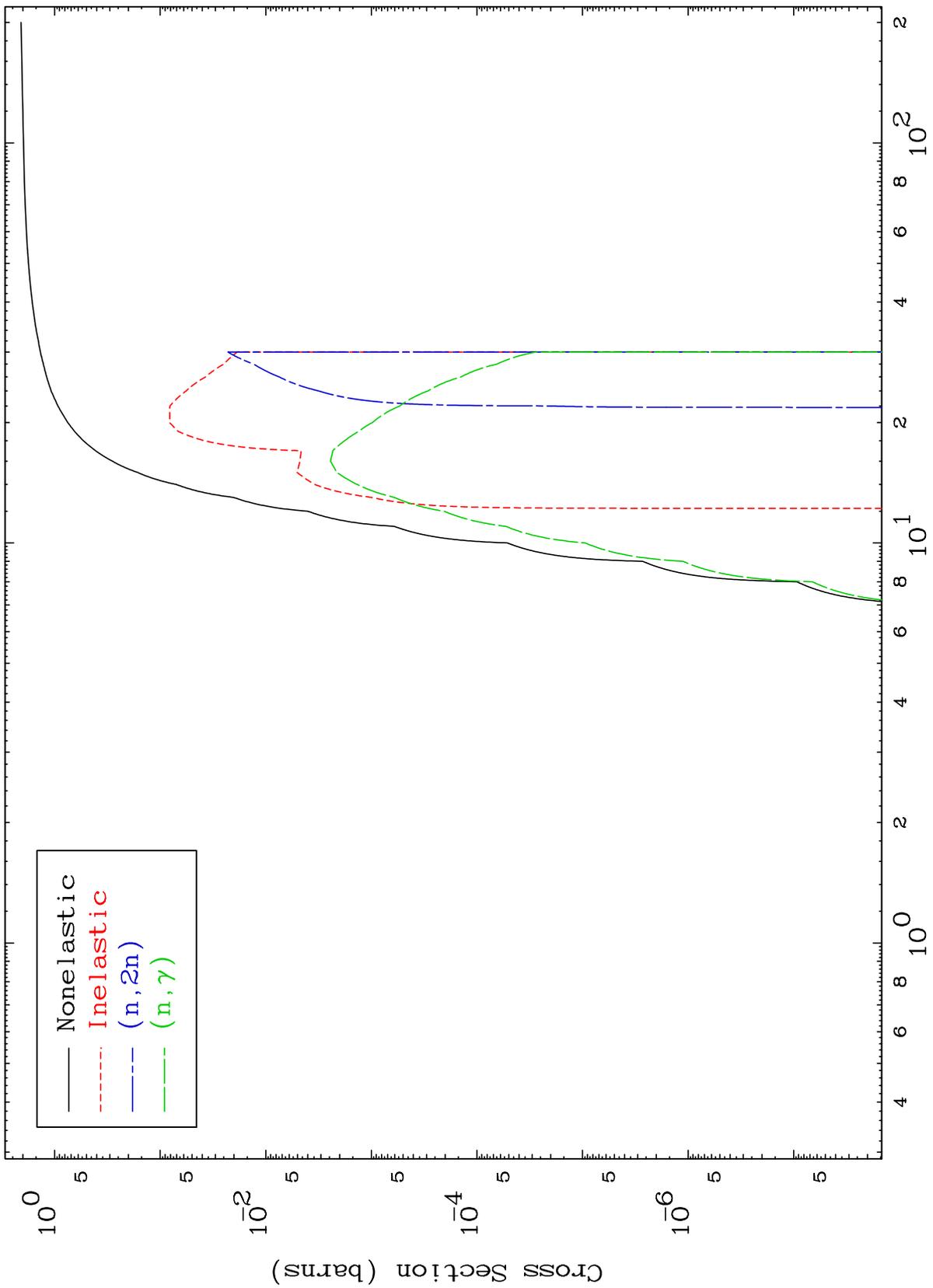
Press Mouse Button to Start

MAT 4907

0 Kelvin

Major Cross Sections

49-In-107

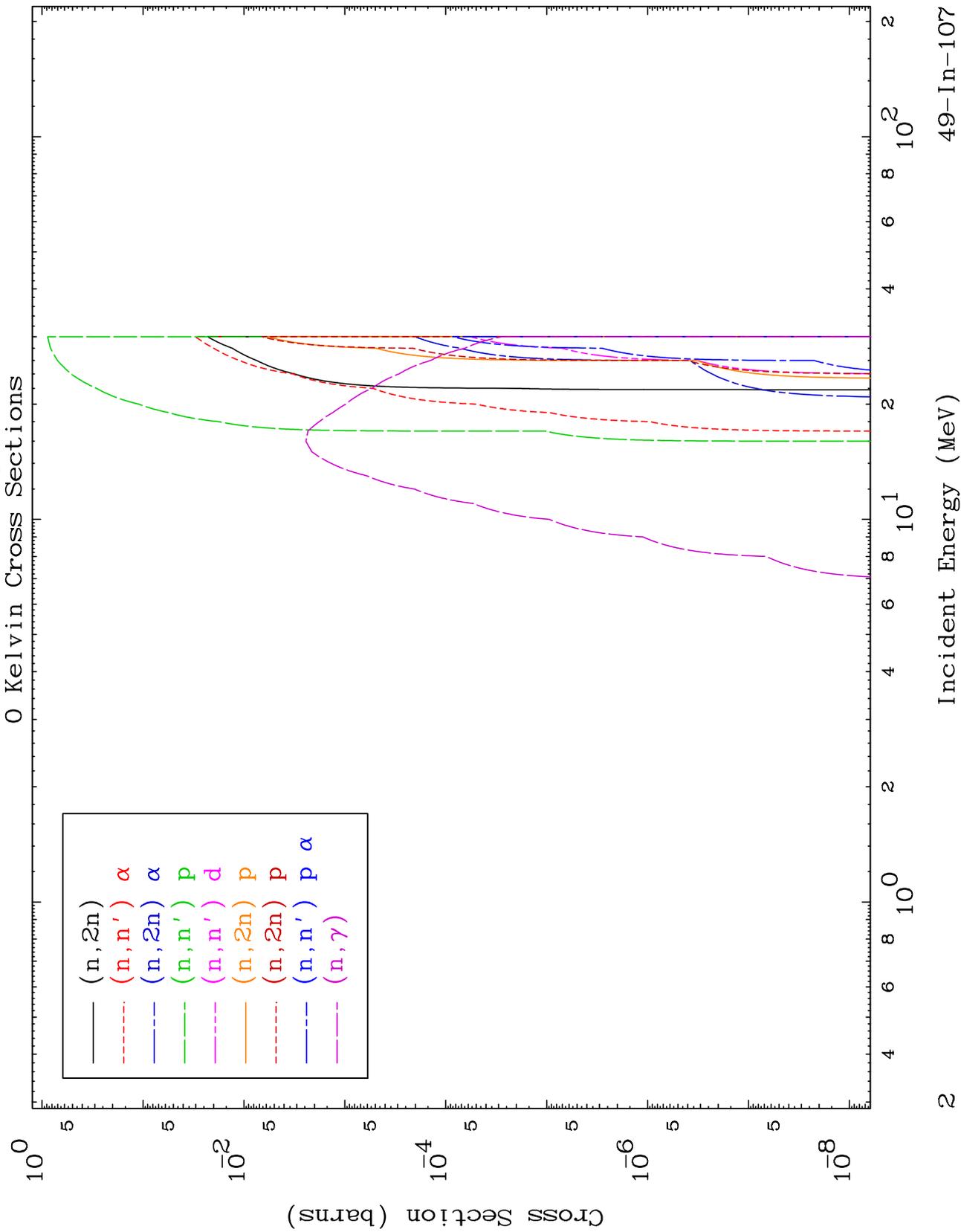


Legend:
— Nonelastic
- - - Inelastic
- . - (n, 2n)
- - - (n, γ)

MAT 4907

α Neutron Absorption

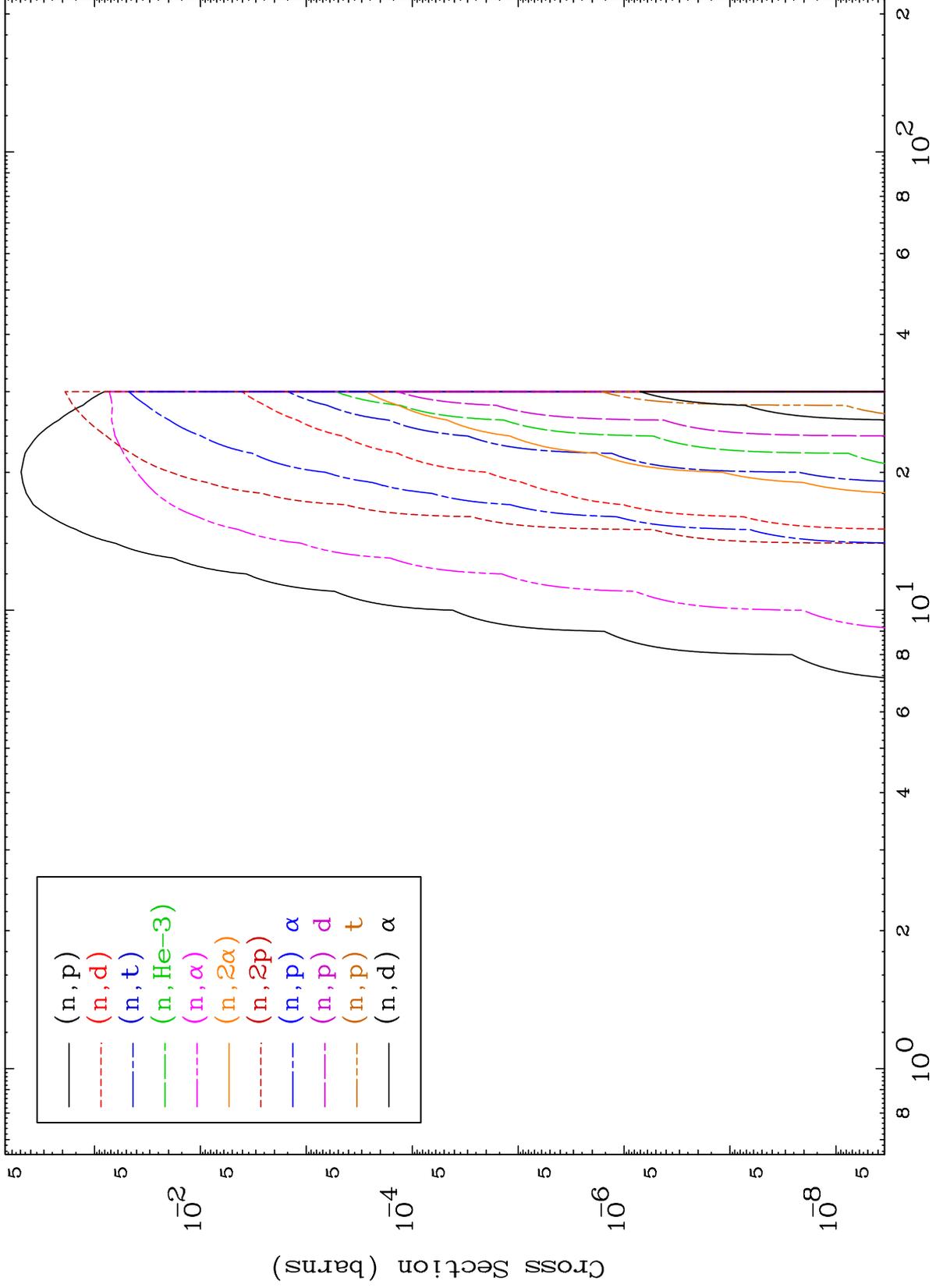
49-In-107



MAT 4907

α Neutron Absorption
0 Kelvin Cross Sections

49-In-107



3

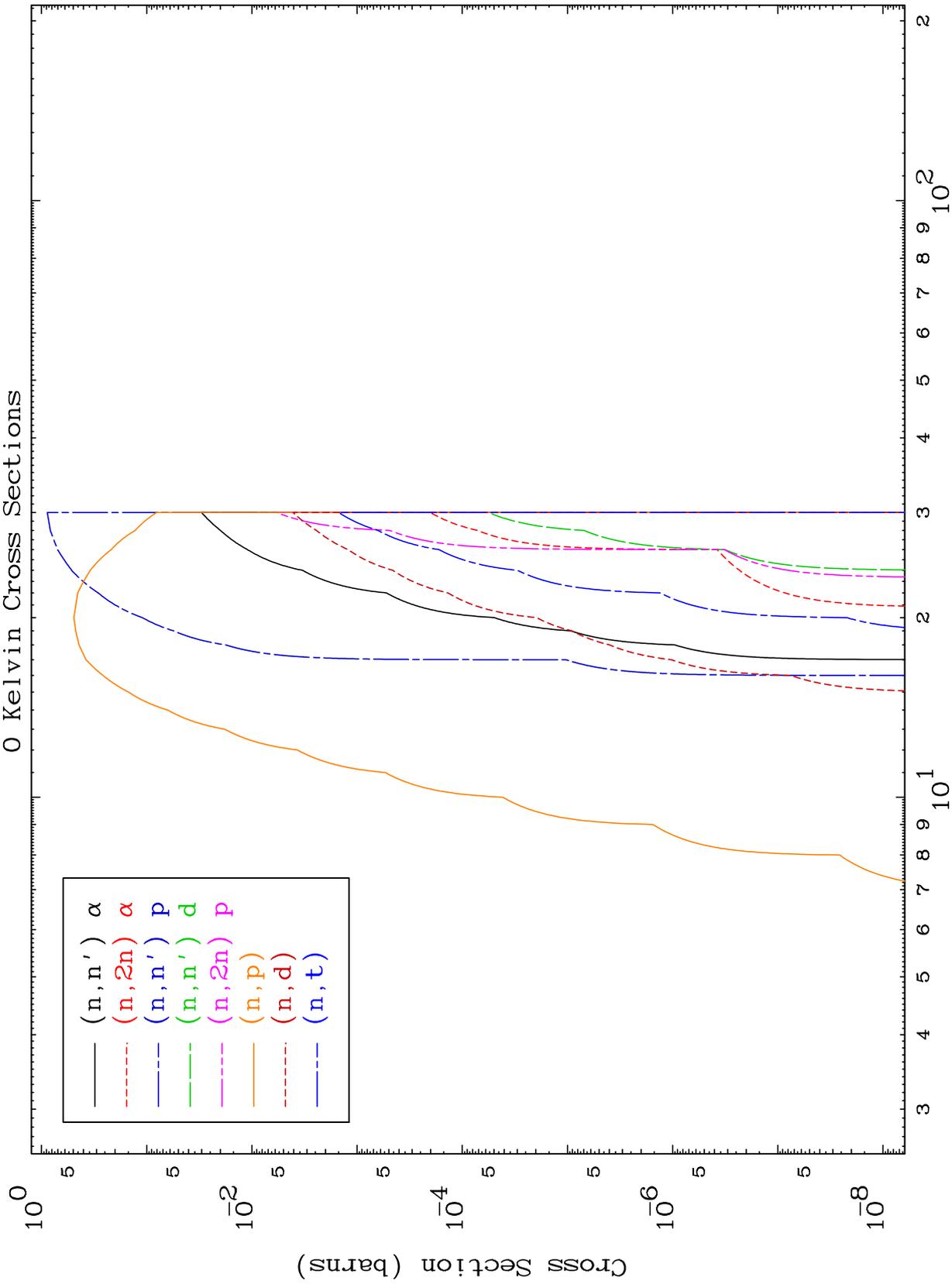
Incident Energy (MeV)

49-In-107

MAT 4907

α Charged Particle
0 Kelvin Cross Sections

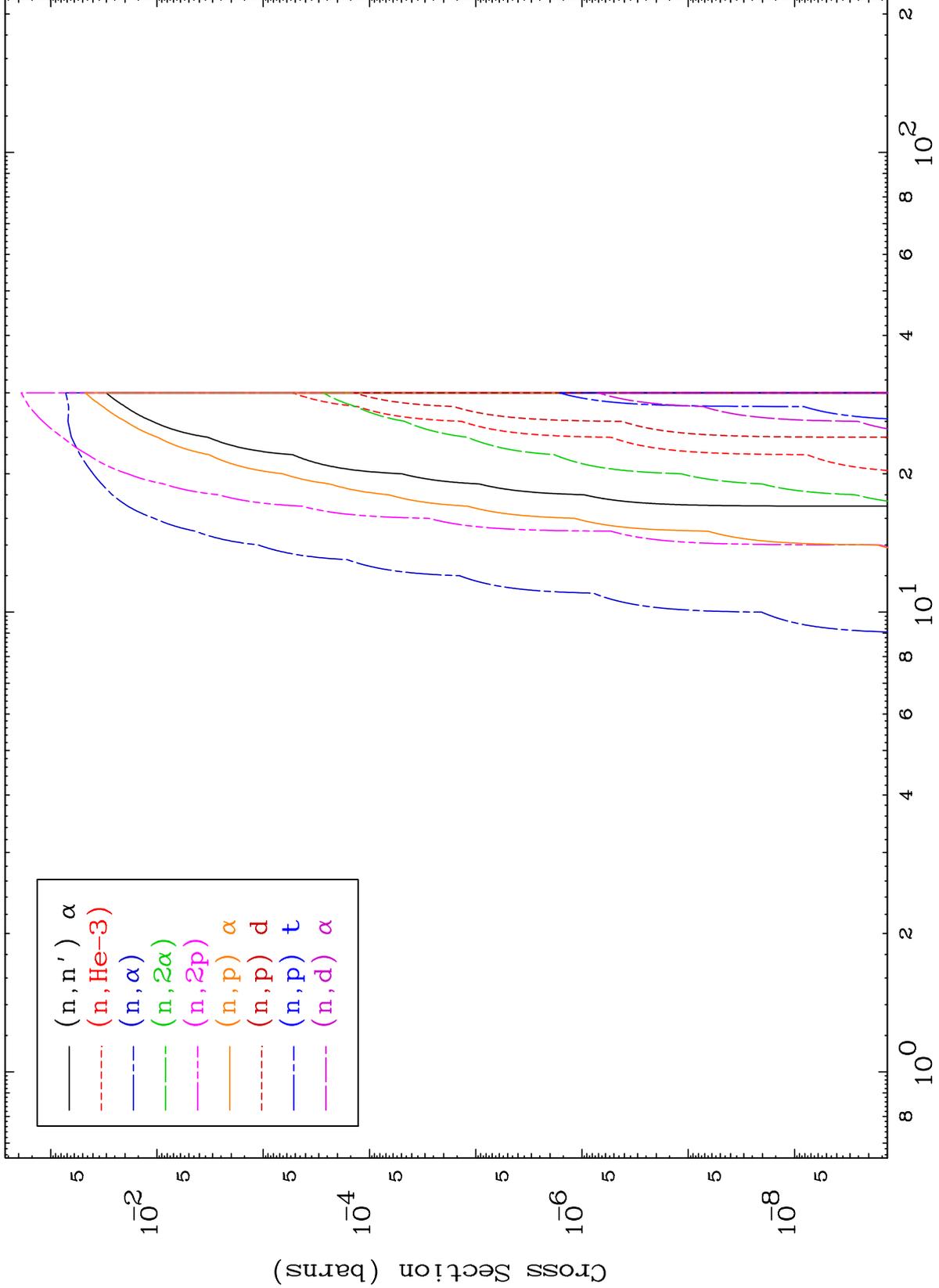
49-In-107



MAT 4907

α Charged Particle
0 Kelvin Cross Sections

49-In-107



5

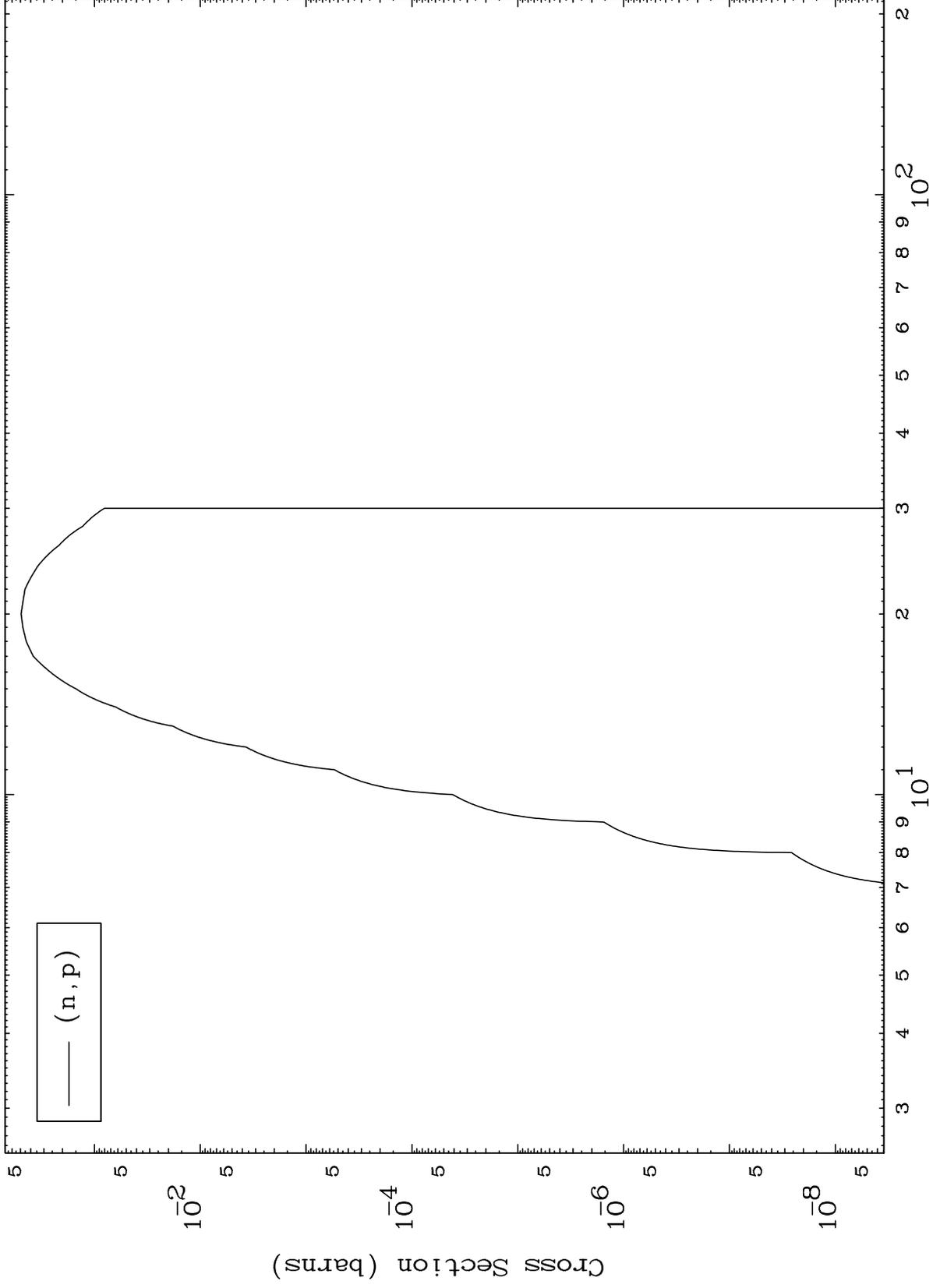
Incident Energy (MeV)

49-In-107

MAT 4907

(α, p) Levels
0 Kelvin Cross Sections

49-In-107



Incident Energy (MeV)

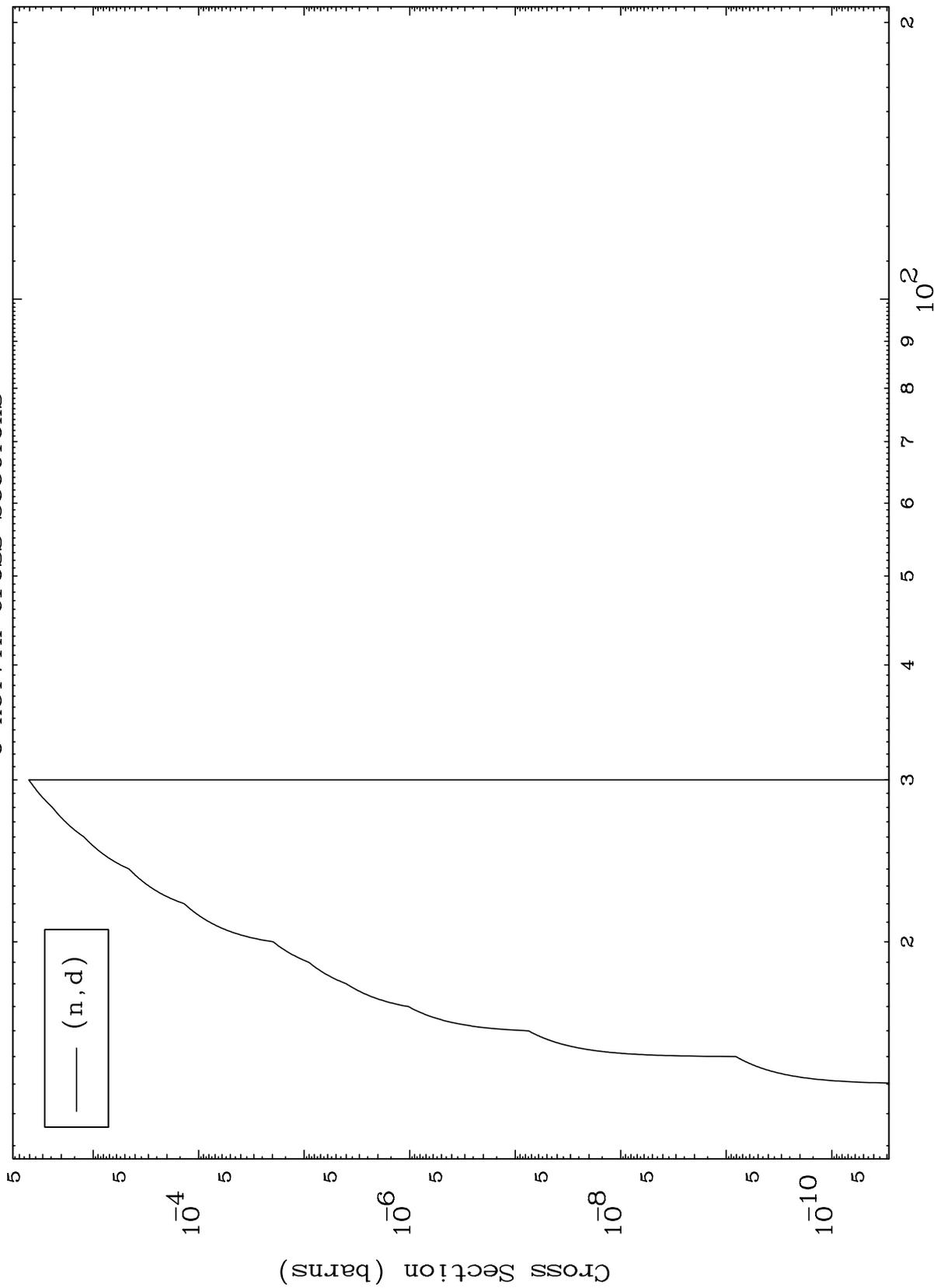
49-In-107

6

MAT 4907

49-In-107

(α, d) Levels
0 Kelvin Cross Sections



49-In-107

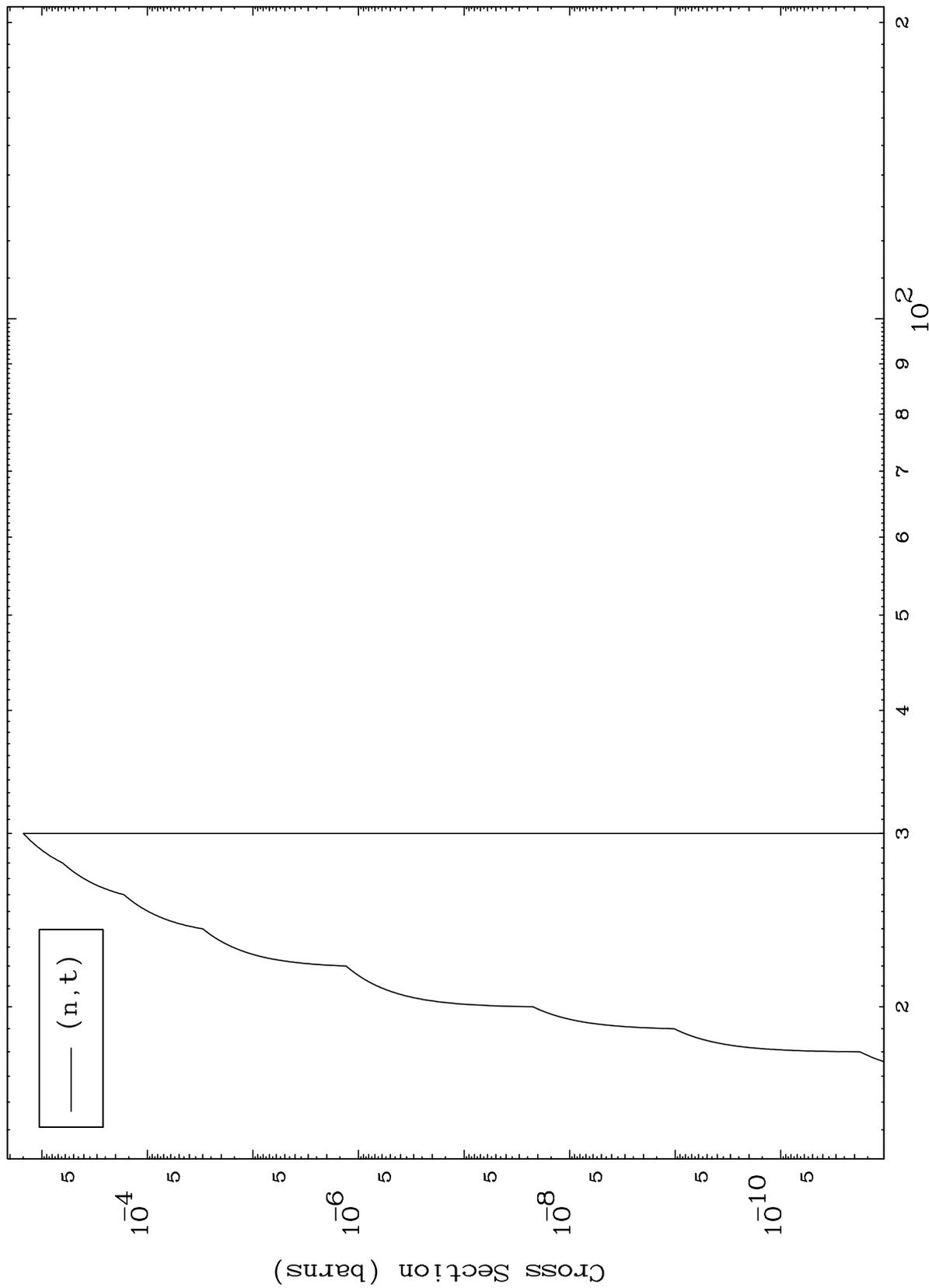
Incident Energy (MeV)

7

MAT 4907

49-In-107

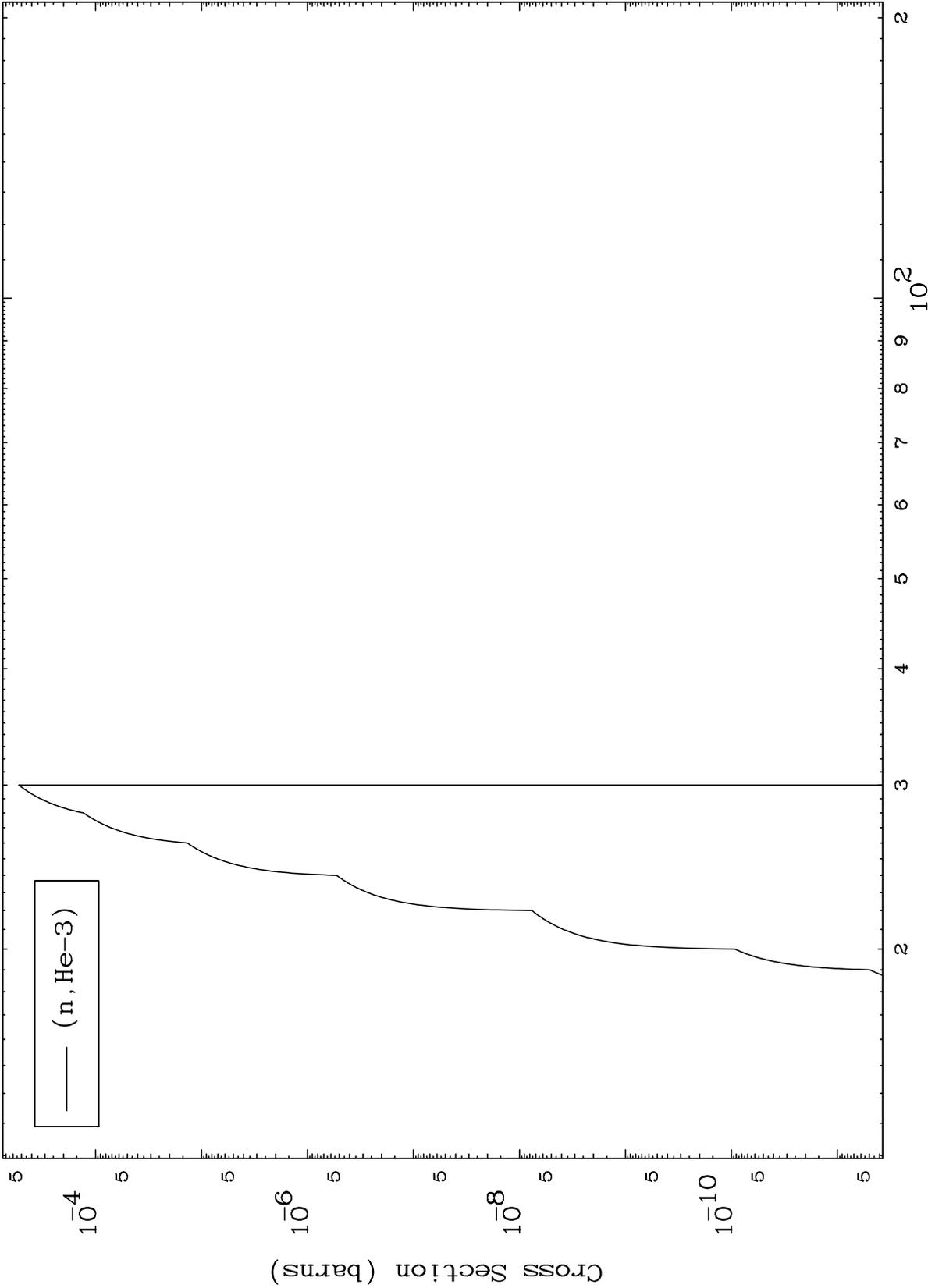
(α, t) Levels
0 Kelvin Cross Sections



49-In-107

Incident Energy (MeV)

8

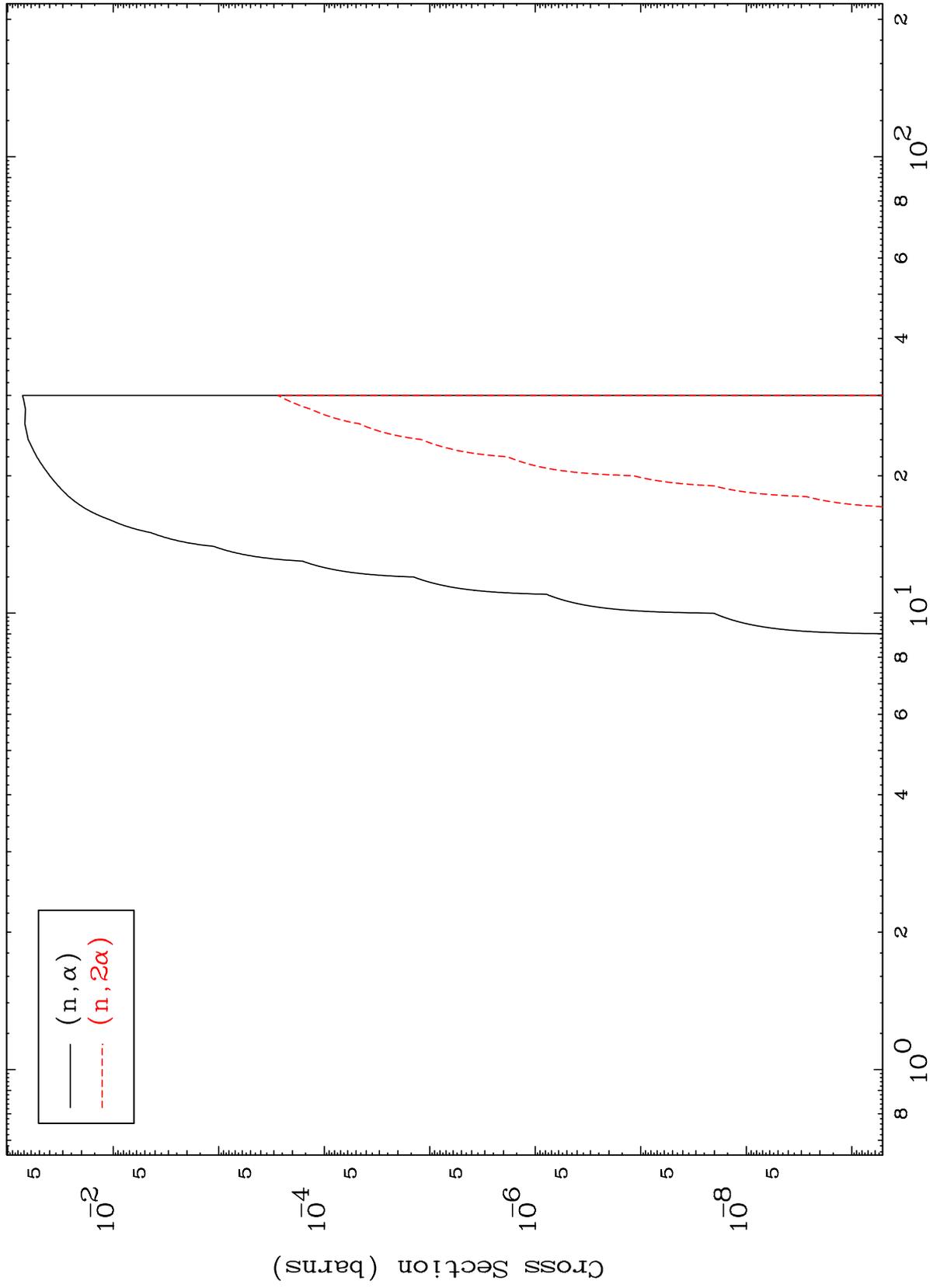


MAT 4907

(α, α) Levels

49-In-107

0 Kelvin Cross Sections



10

Incident Energy (MeV)

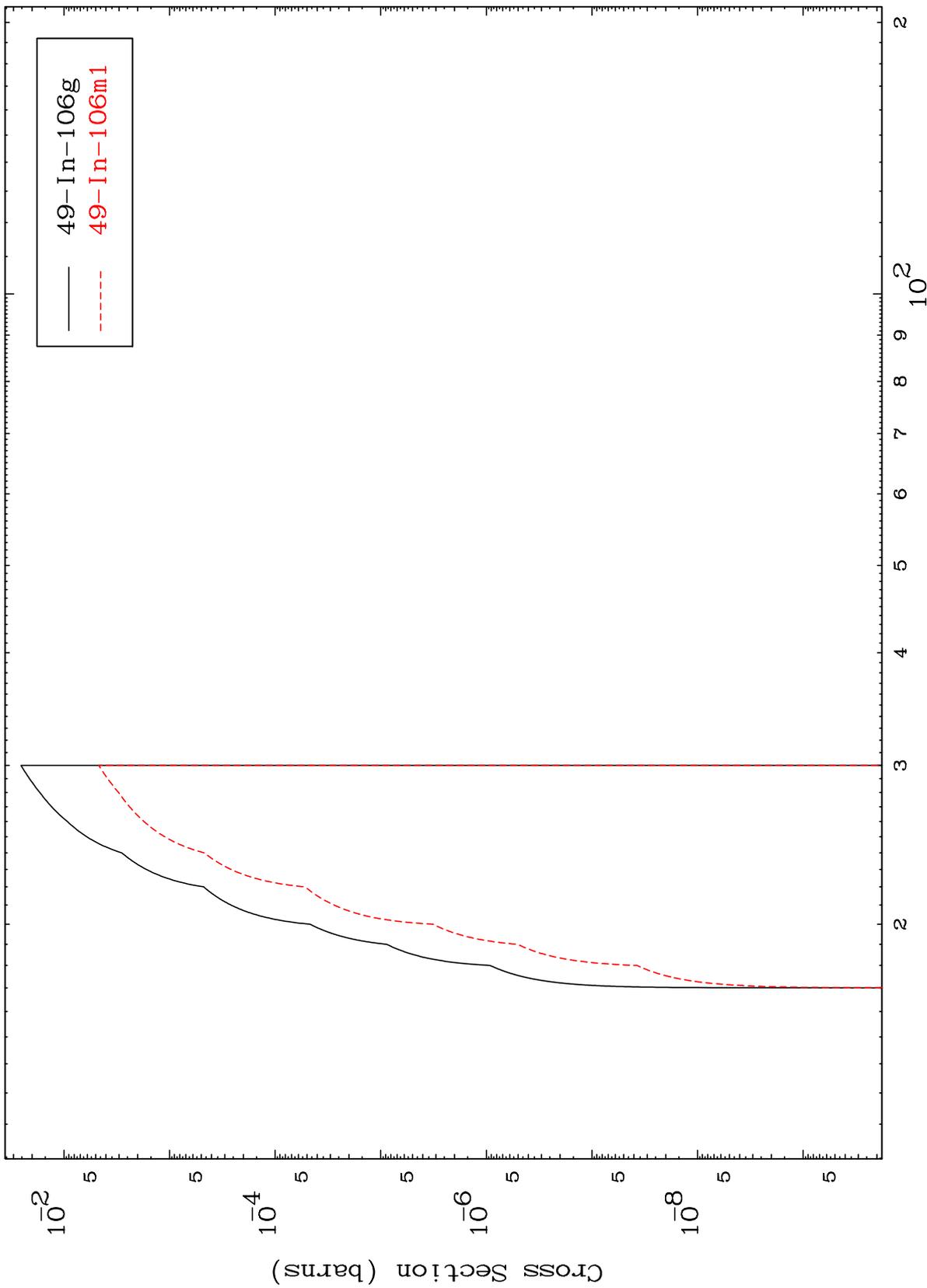
49-In-107

MAT 4907

$(n, n') \alpha$

49-In-107

Radionuclide Production Cross Section



11

Incident Energy (MeV)

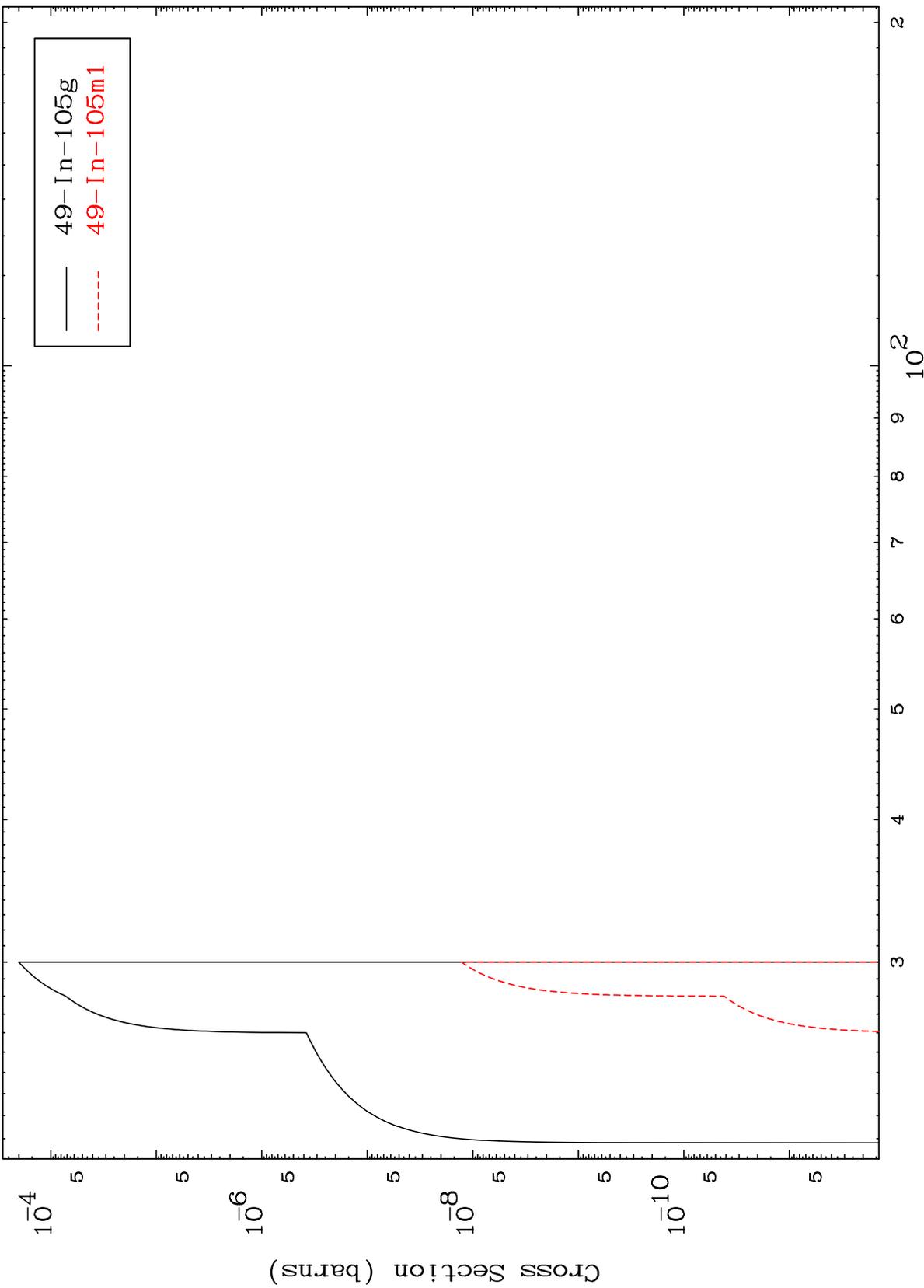
49-In-107

MAT 4907

(n,2n) α

49-In-107

Radionuclide Production Cross Section



49-In-105g
49-In-105ml

12

Incident Energy (MeV)

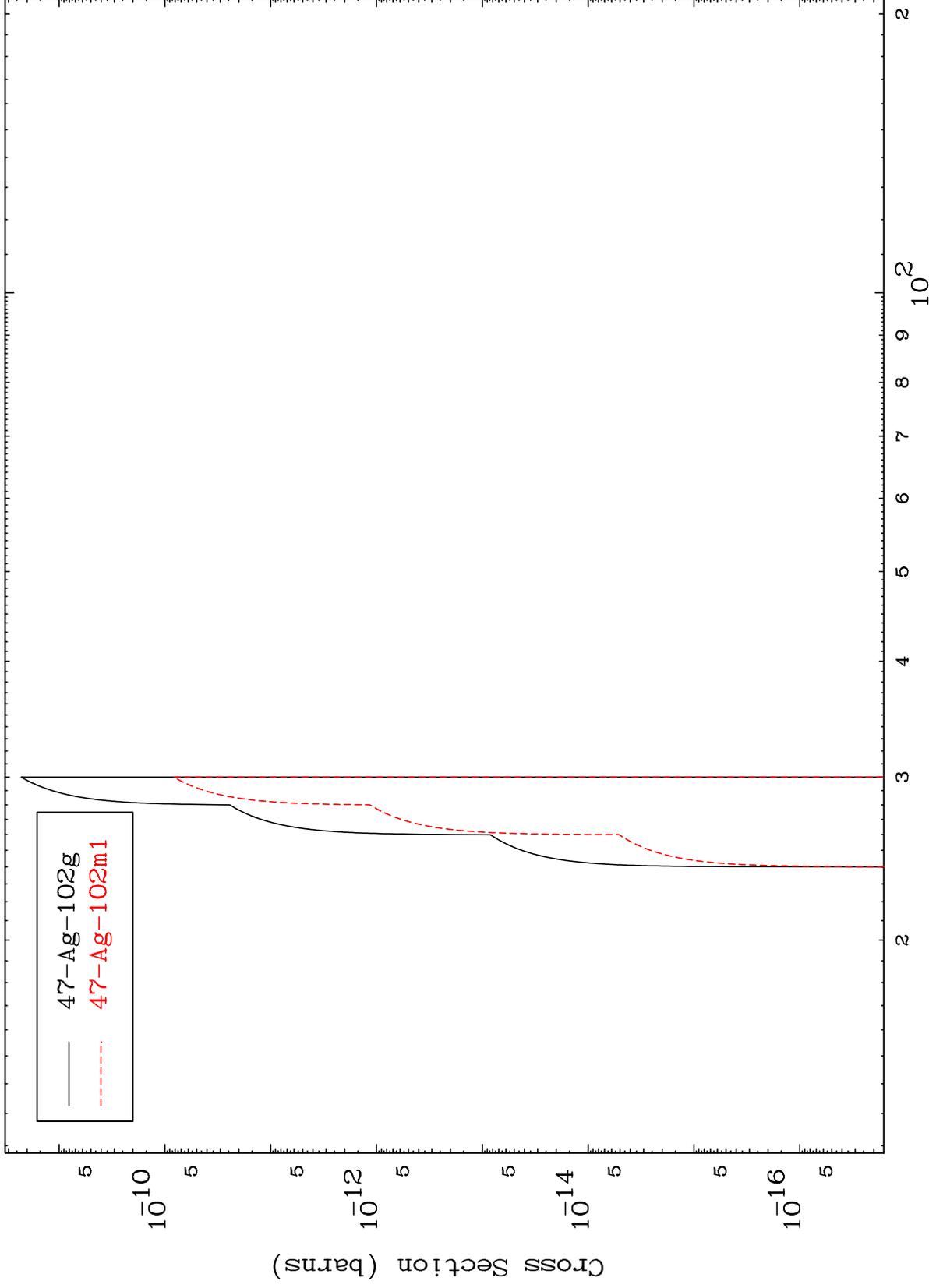
49-In-107

MAT 4907

(n,n') 2α

49-In-107

Radionuclide Production Cross Section



13

Incident Energy (MeV)

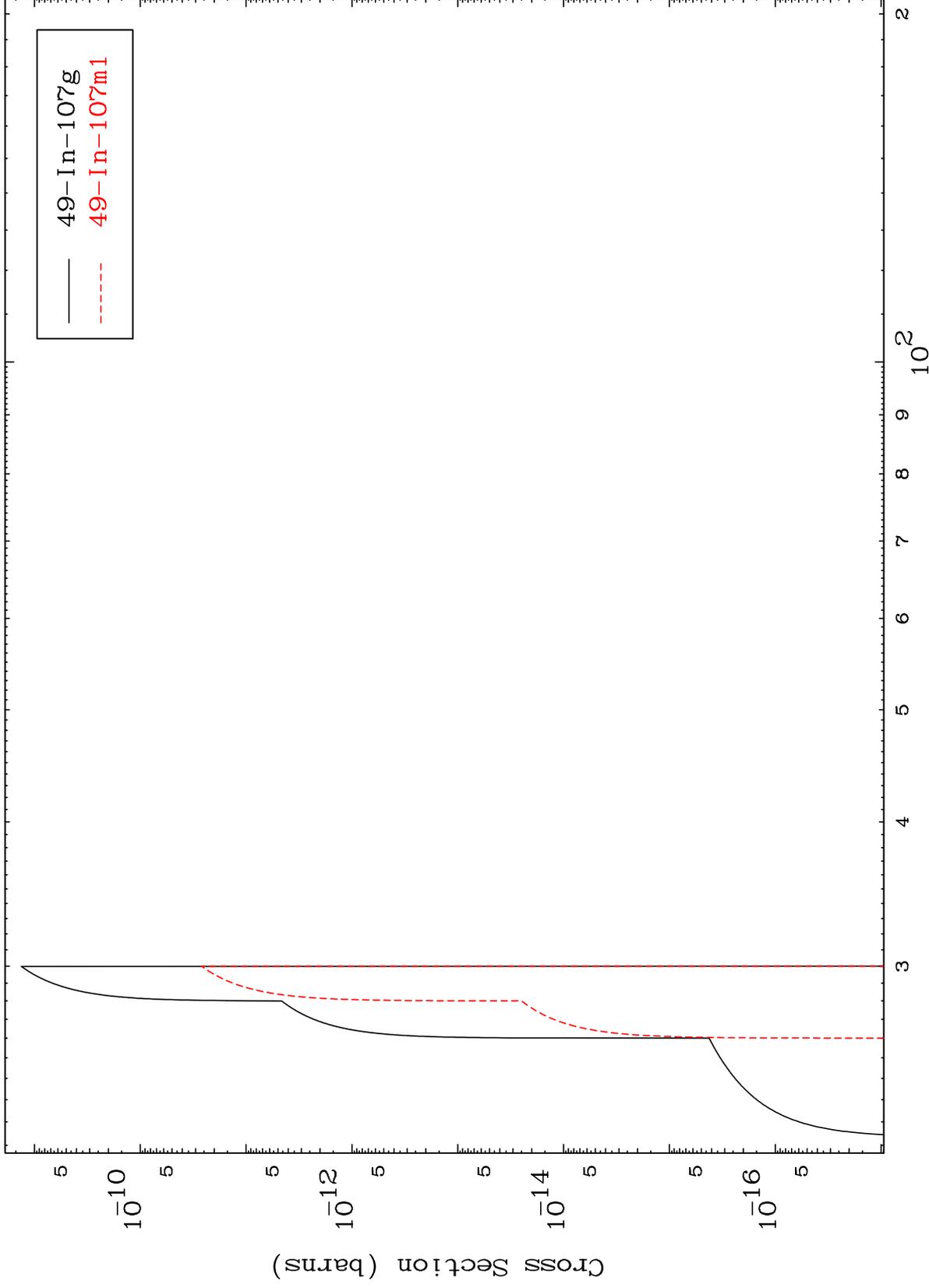
49-In-107

MAT 4907

(n,n') He-3

49-In-107

Radionuclide Production Cross Section



14

Incident Energy (MeV)

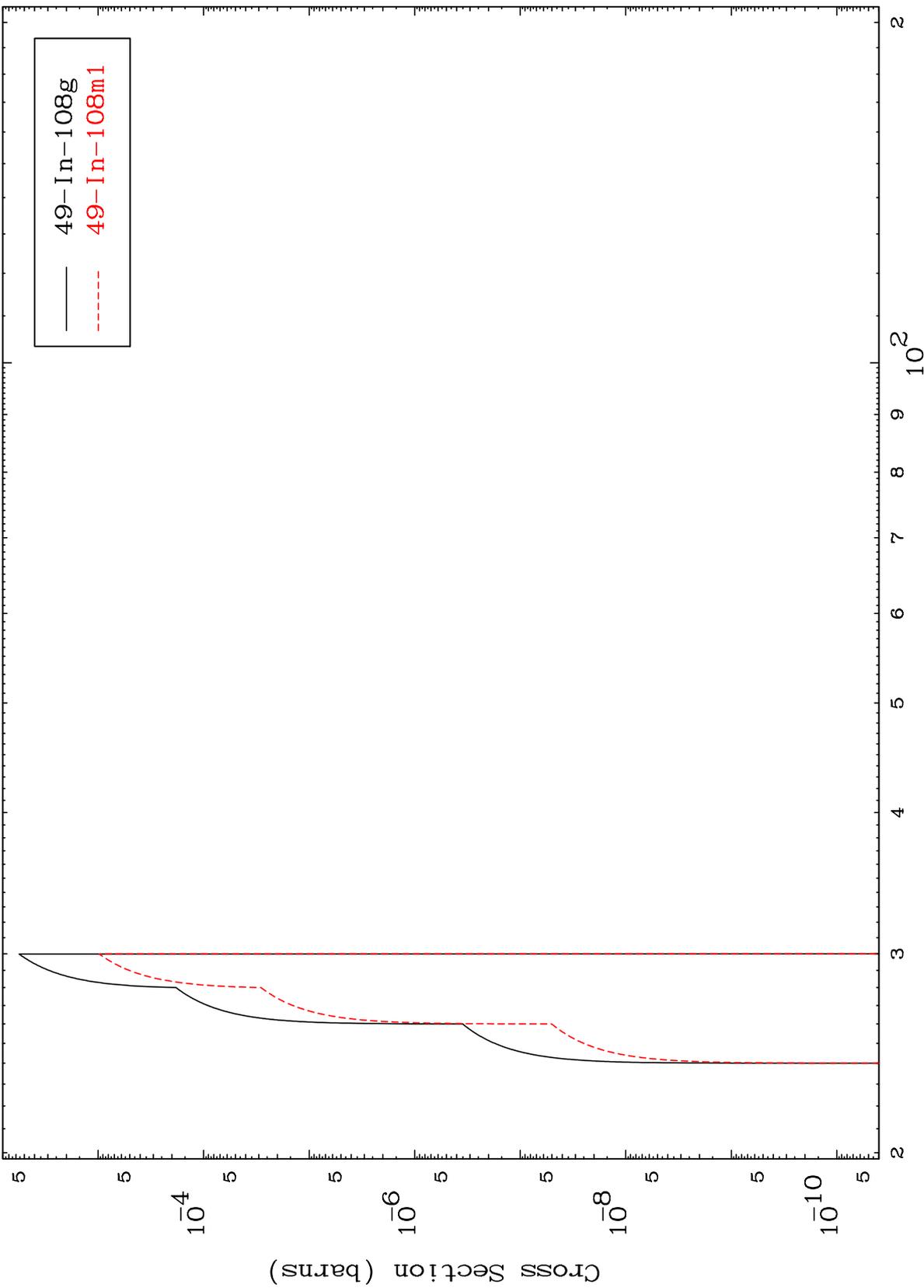
49-In-107

MAT 4907

(n,2n) p

49-In-107

Radionuclide Production Cross Section



15

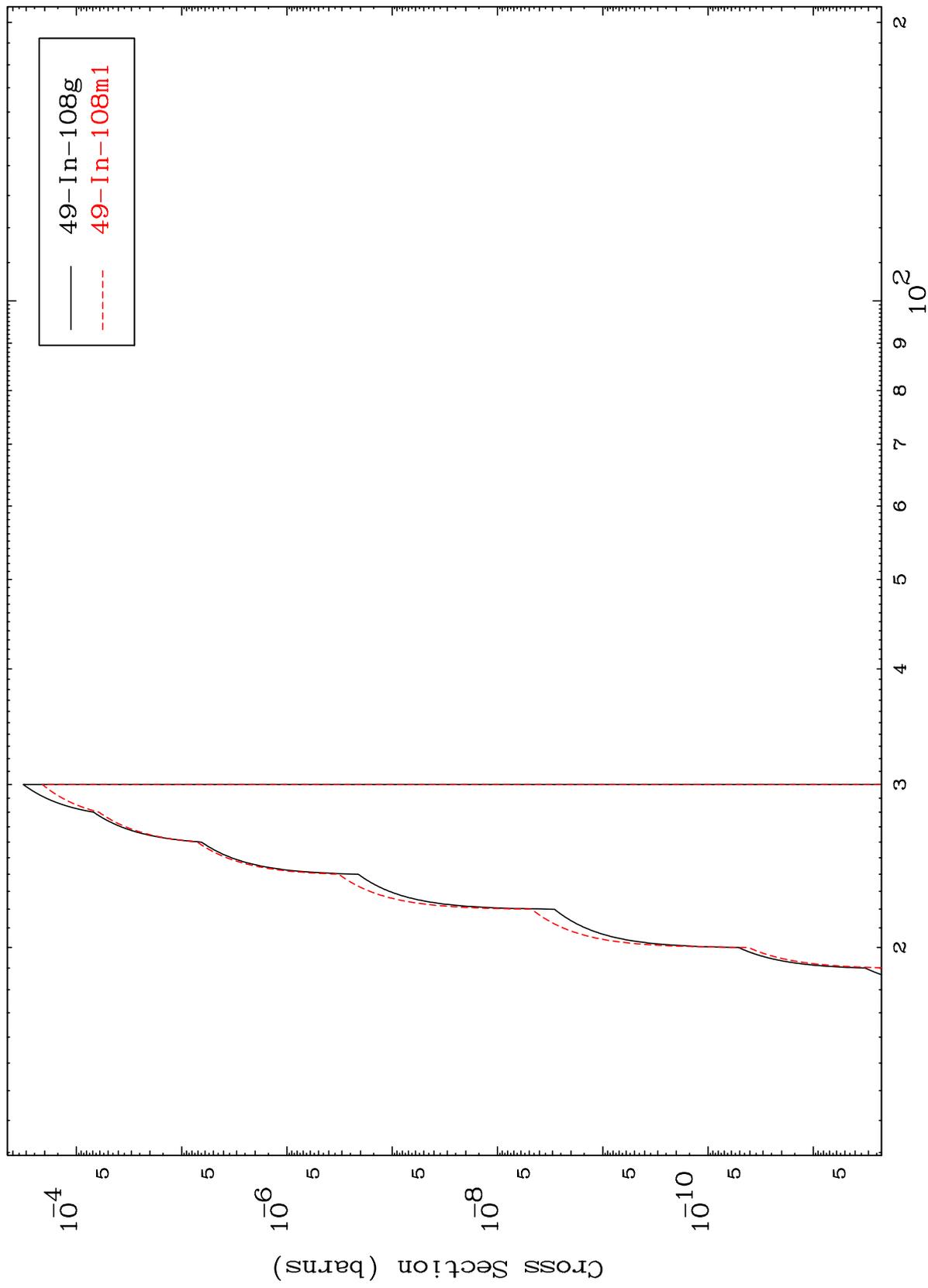
Incident Energy (MeV)

49-In-107

MAT 4907

49-In-107

(n,He-3)
Radionuclide Production Cross Section



16

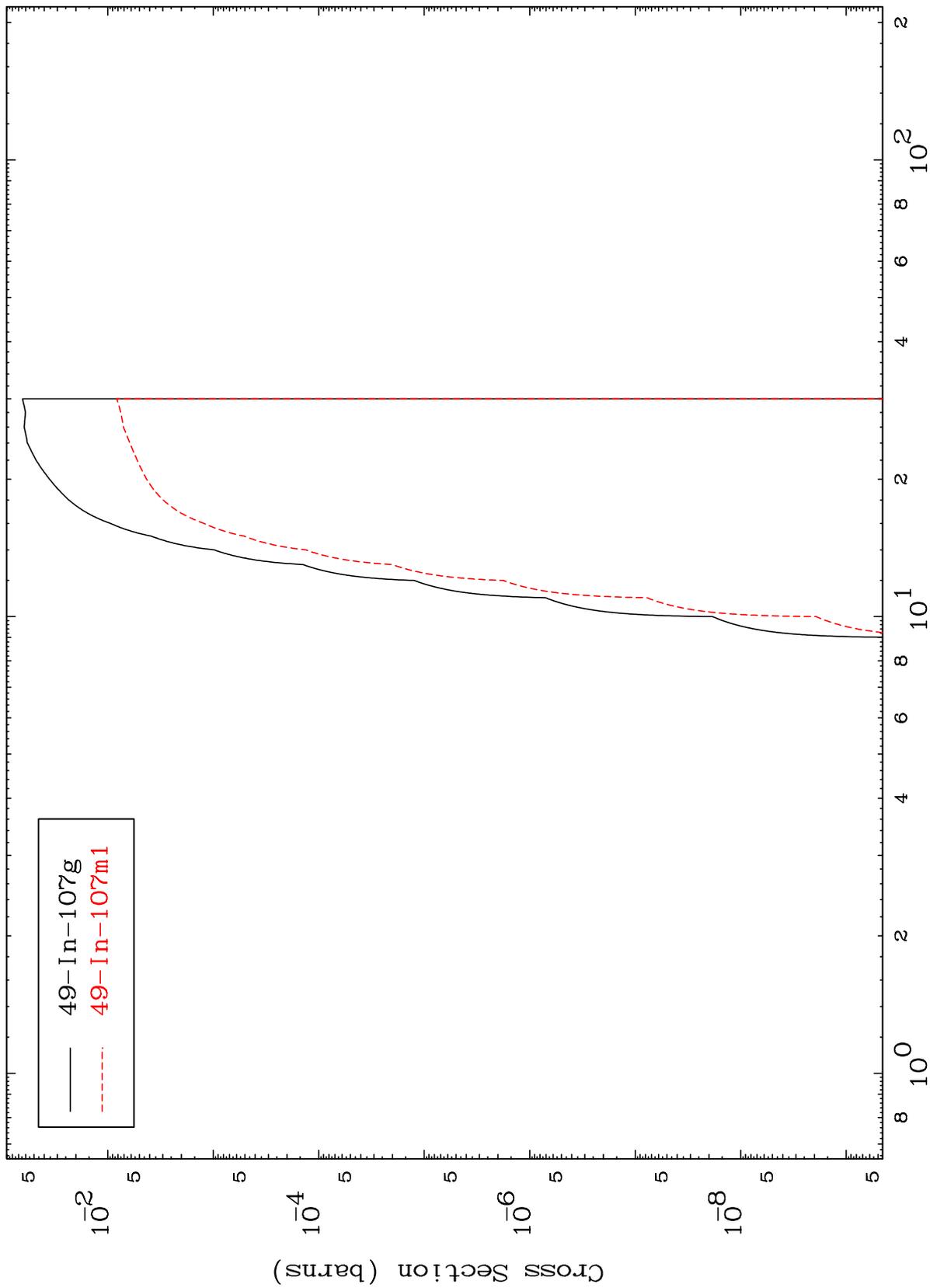
Incident Energy (MeV)

49-In-107

MAT 4907

49-In-107

Radionuclide Production Cross Section



17

Incident Energy (MeV)

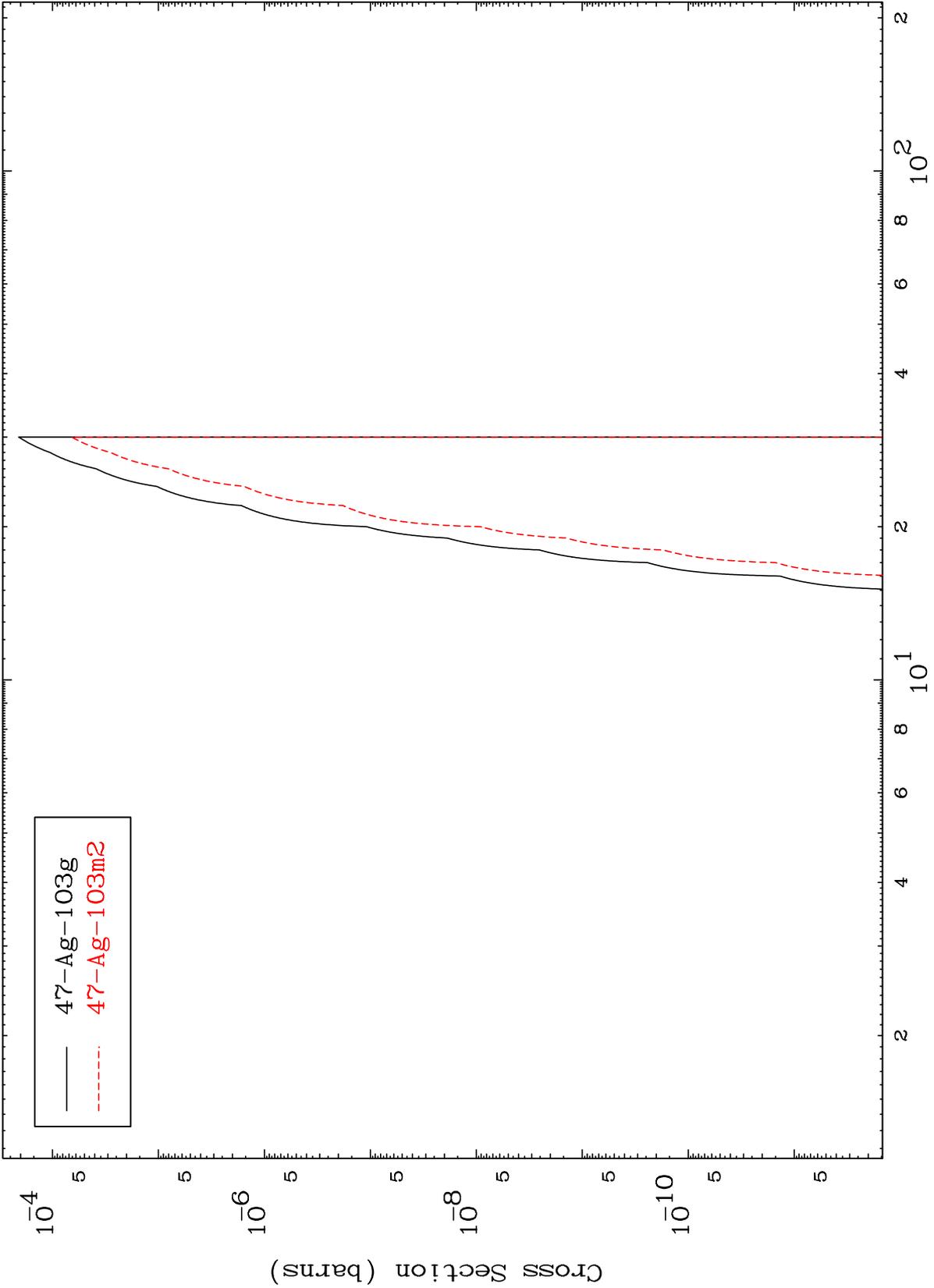
49-In-107

MAT 4907

(n,2α)

49-In-107

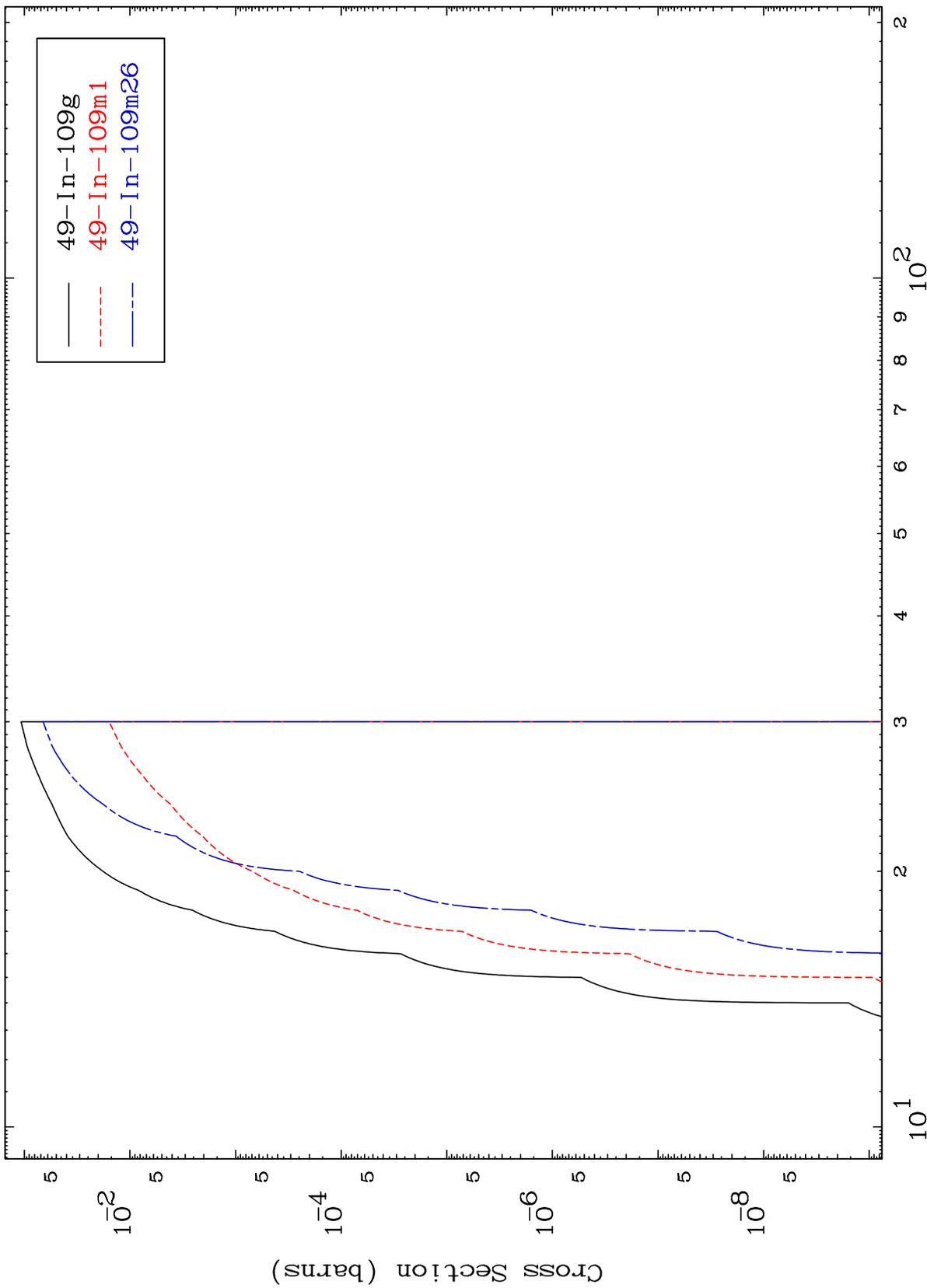
Radionuclide Production Cross Section



MAT 4907

49-In-107

(n,2p)
Radionuclide Production Cross Section



49-In-107

Incident Energy (MeV)

10¹

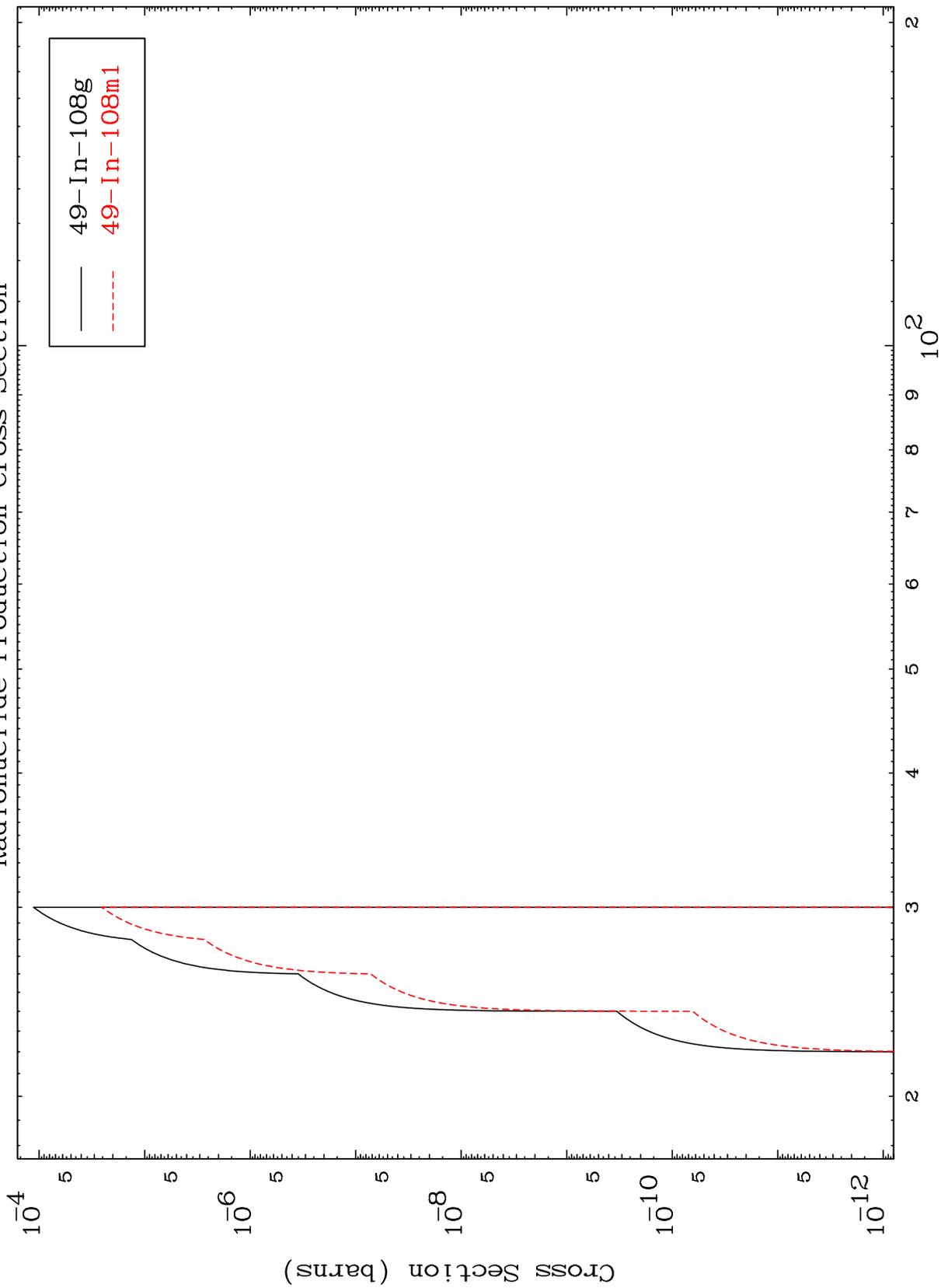
10²

MAT 4907

(n,p) d

49-In-107

Radionuclide Production Cross Section



20

Incident Energy (MeV)

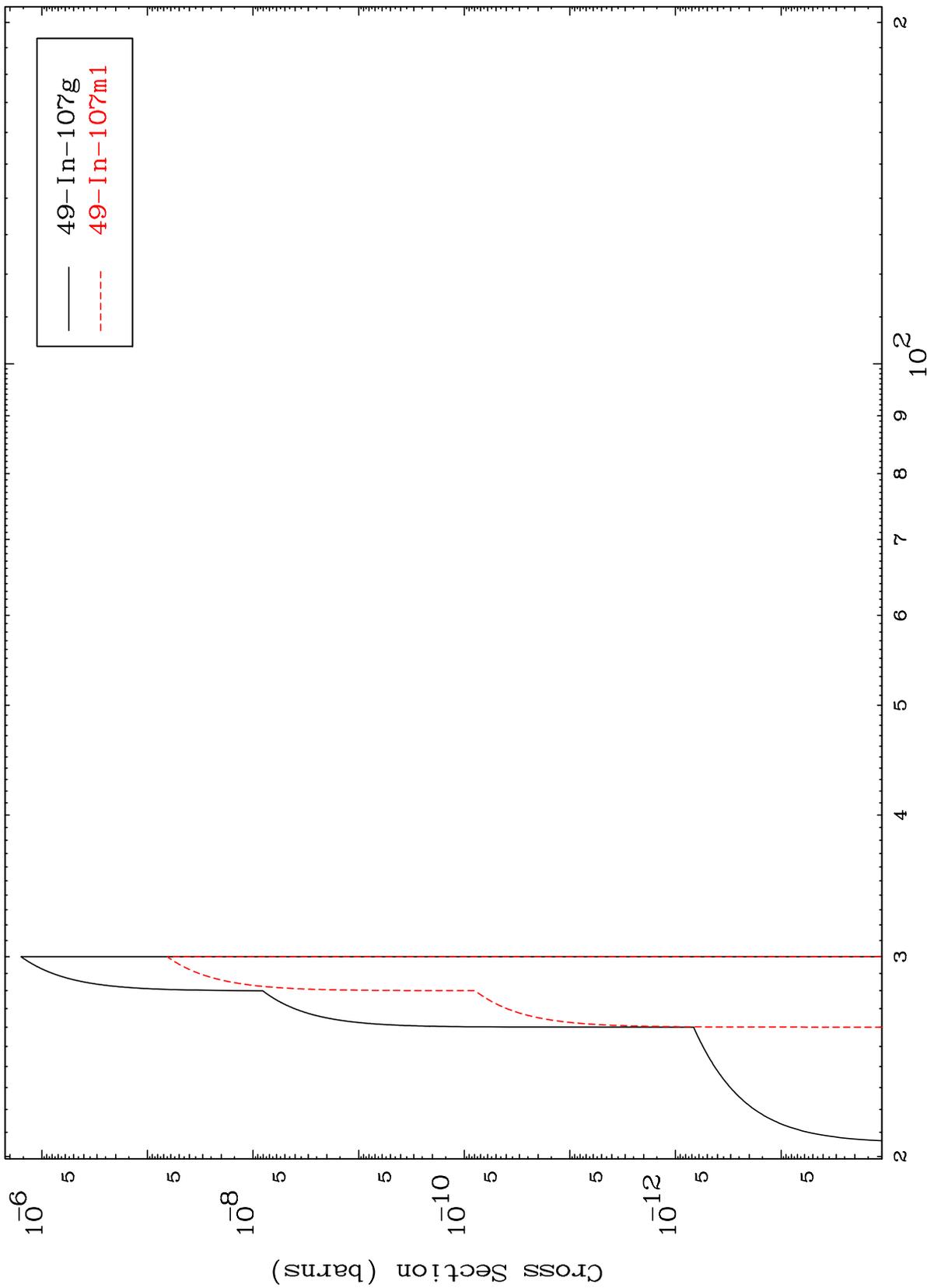
49-In-107

MAT 4907

(n,p) t

49-In-107

Radionuclide Production Cross Section



21

Incident Energy (MeV)

49-In-107