

Program EVALPLOT
(Version 2021-1)

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

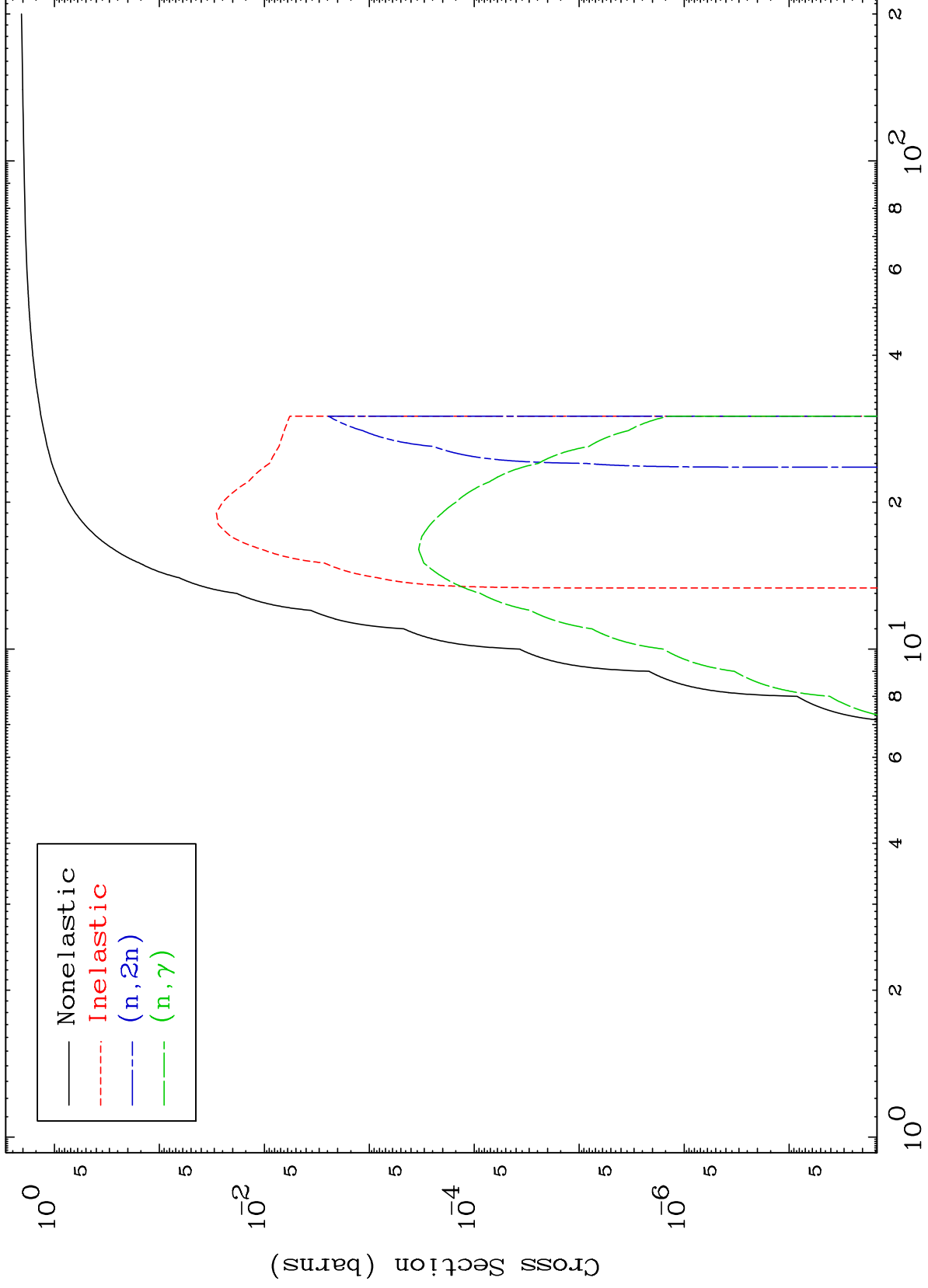
Press Mouse Button to Start

MAT 4901

α Major

49-In-105

0 Kelvin Cross Sections



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

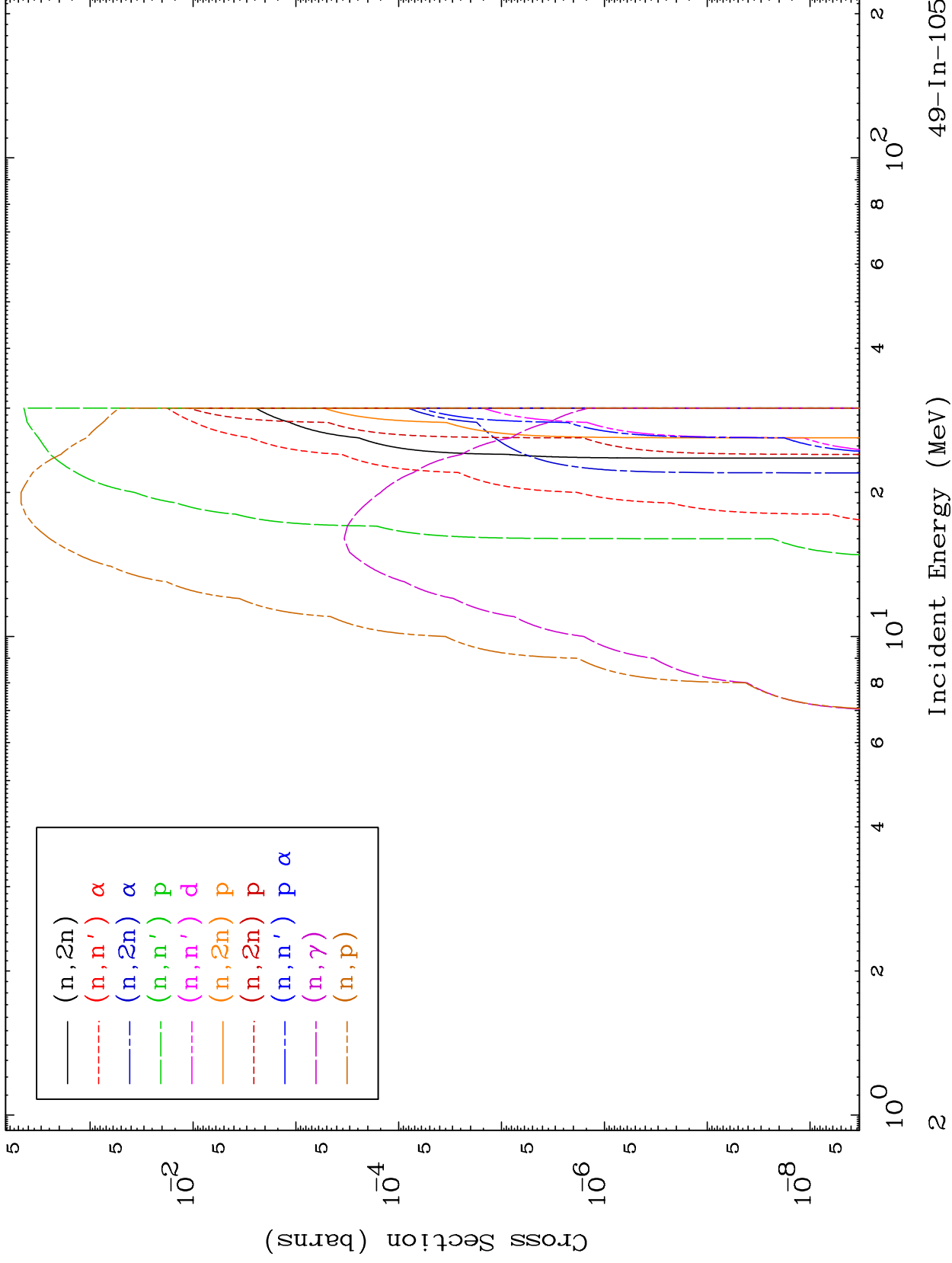
Incident Energy (MeV)

49-In-105

MAT 4901

α Neutron Absorption
0 Kelvin Cross Sections

49-In-105

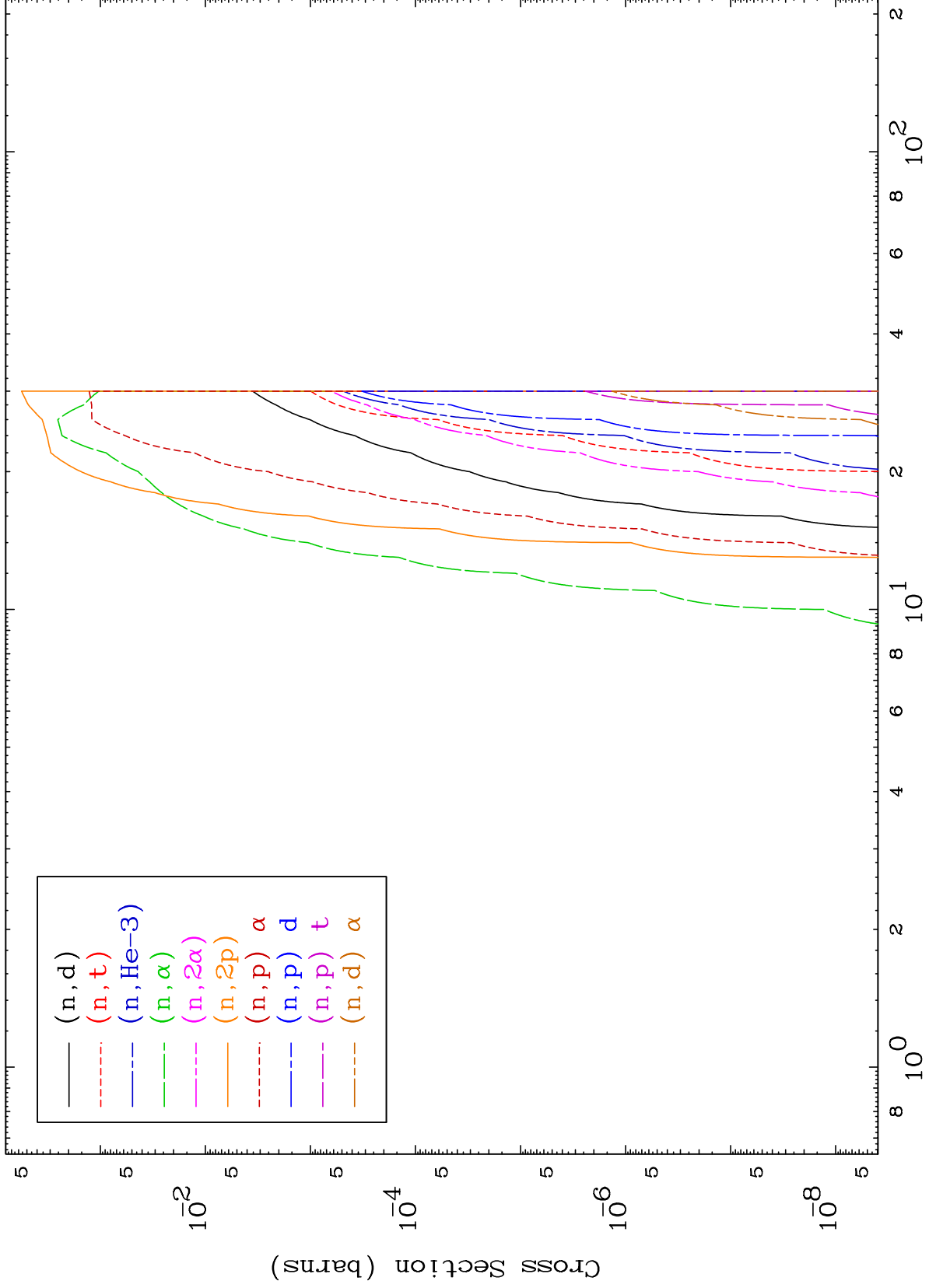


MAT 4901

α Neutron Absorption

49-In-105

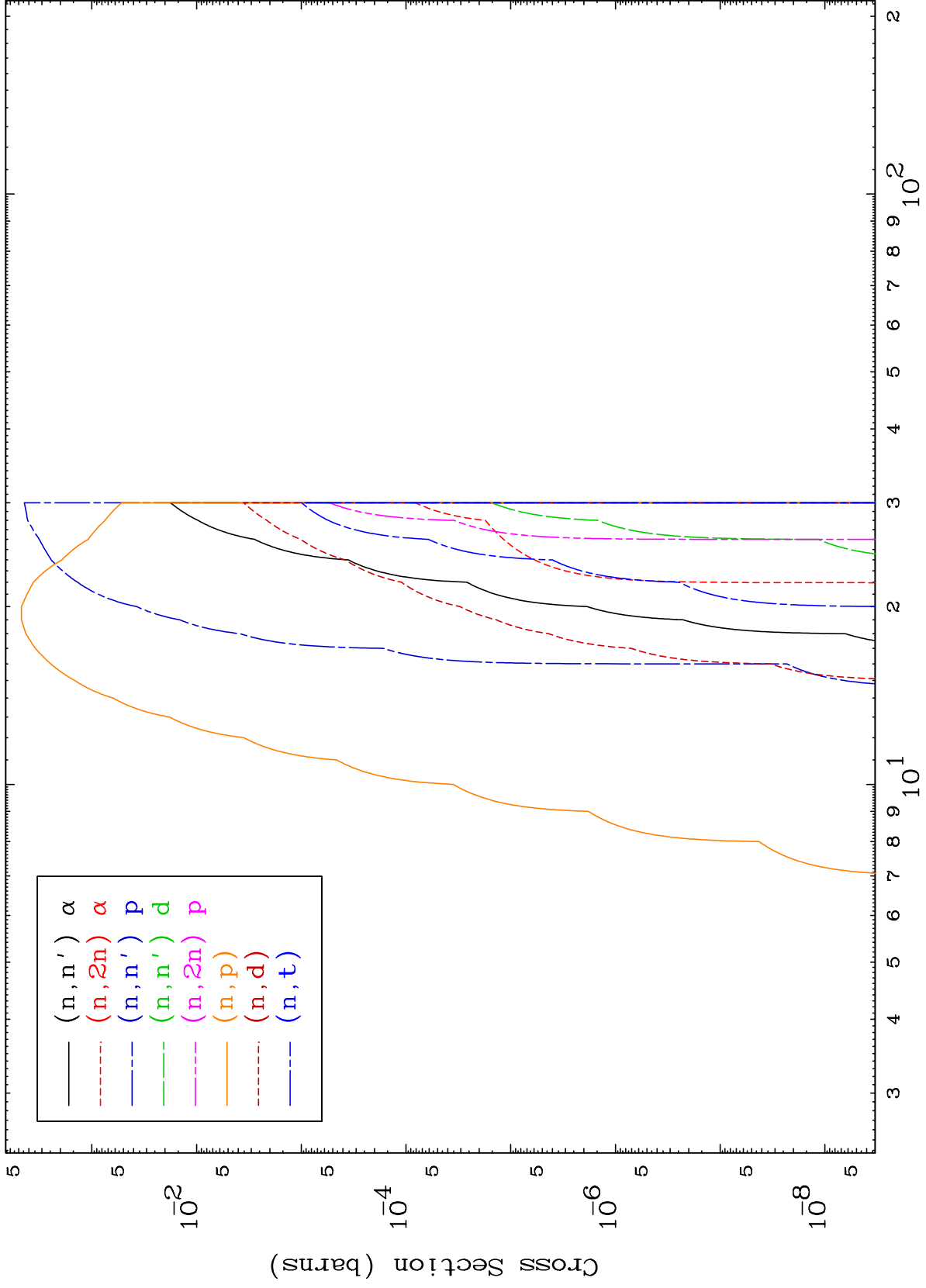
0 Kelvin Cross Sections



3

Incident Energy (MeV)

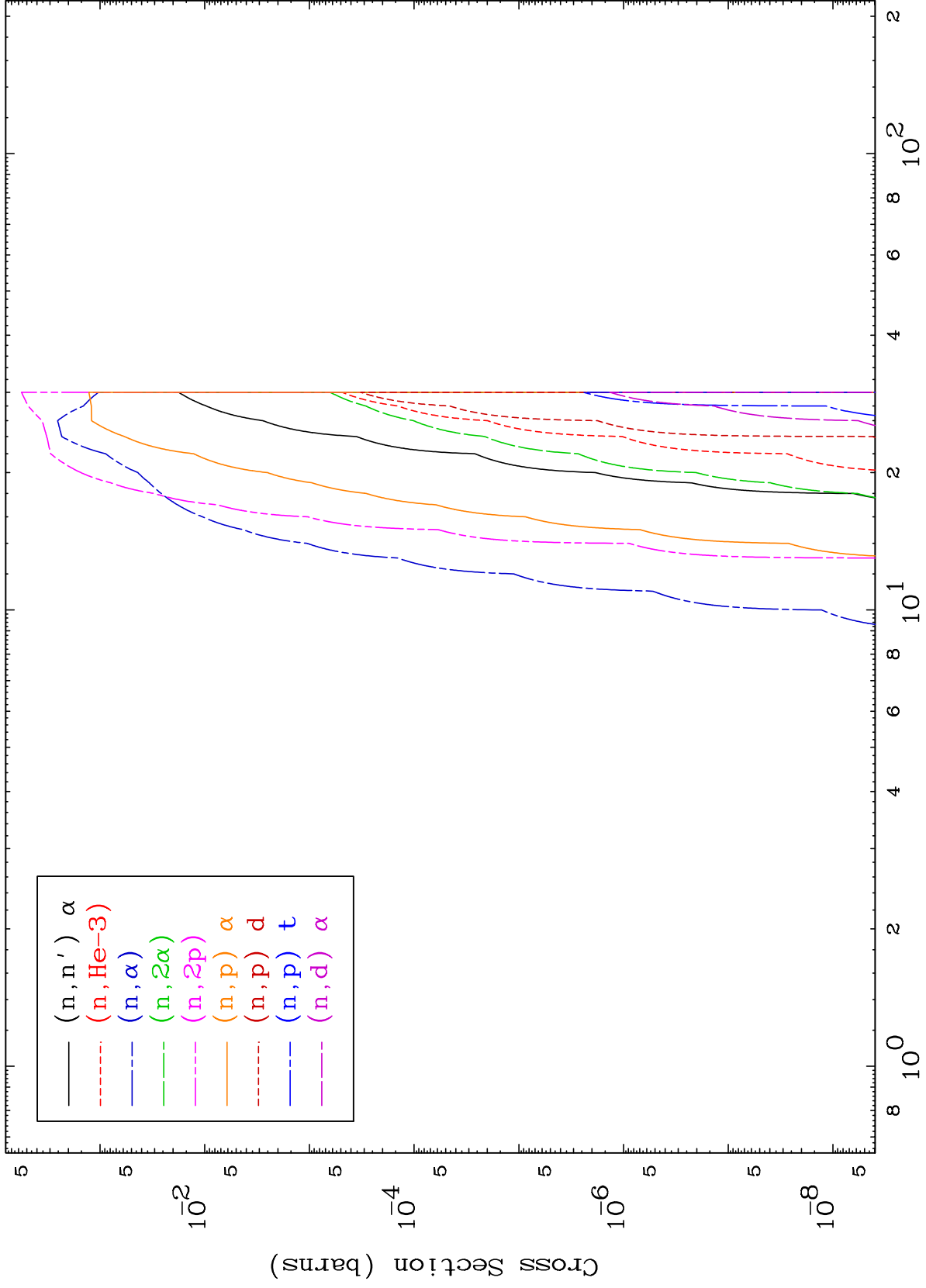
49-In-105



MAT 4901

α Charged Particle
0 Kelvin Cross Sections

49-In-105



5

Incident Energy (MeV)

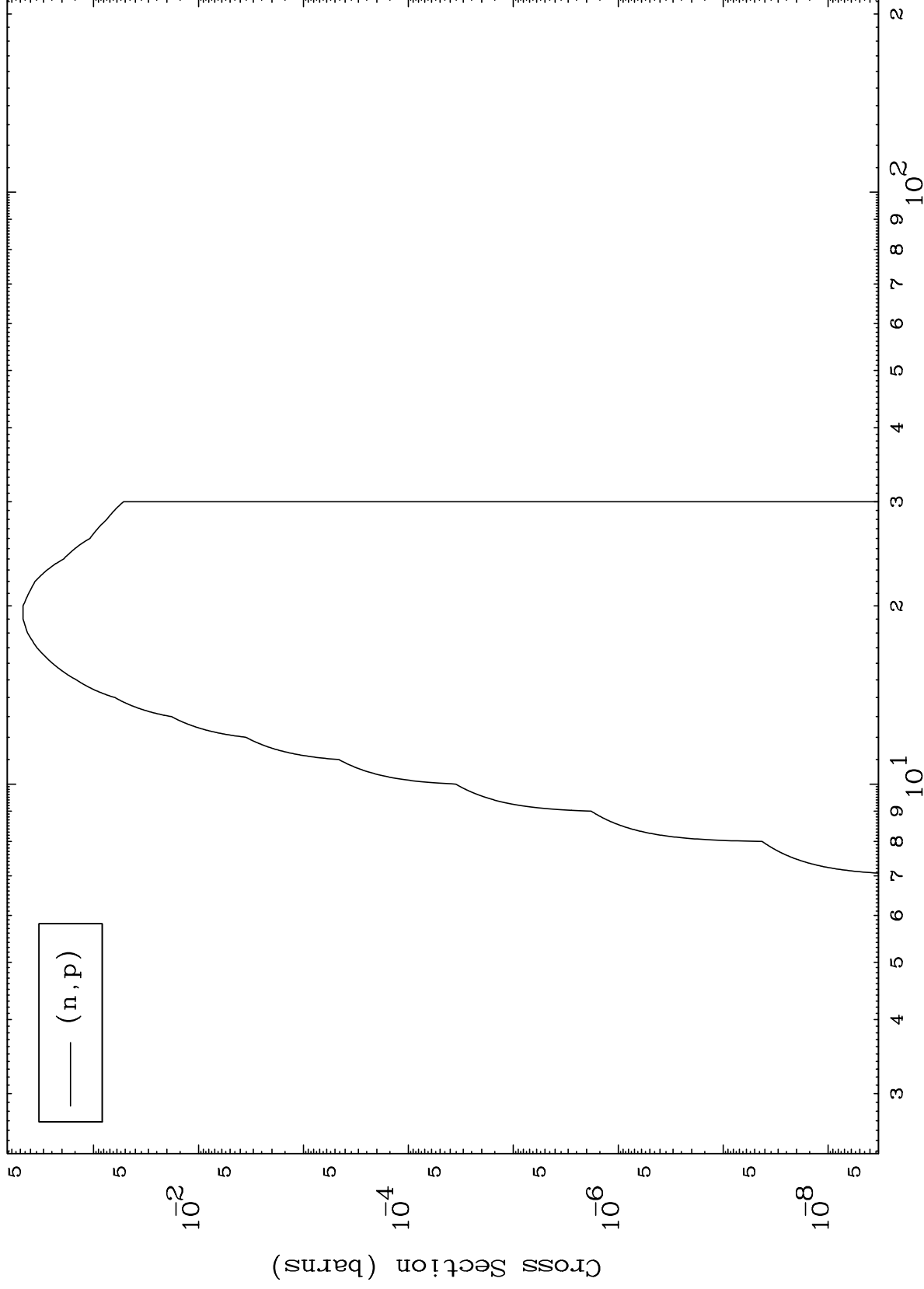
49-In-105

MAT 4901

(α, p) Levels

49-In-105

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-105

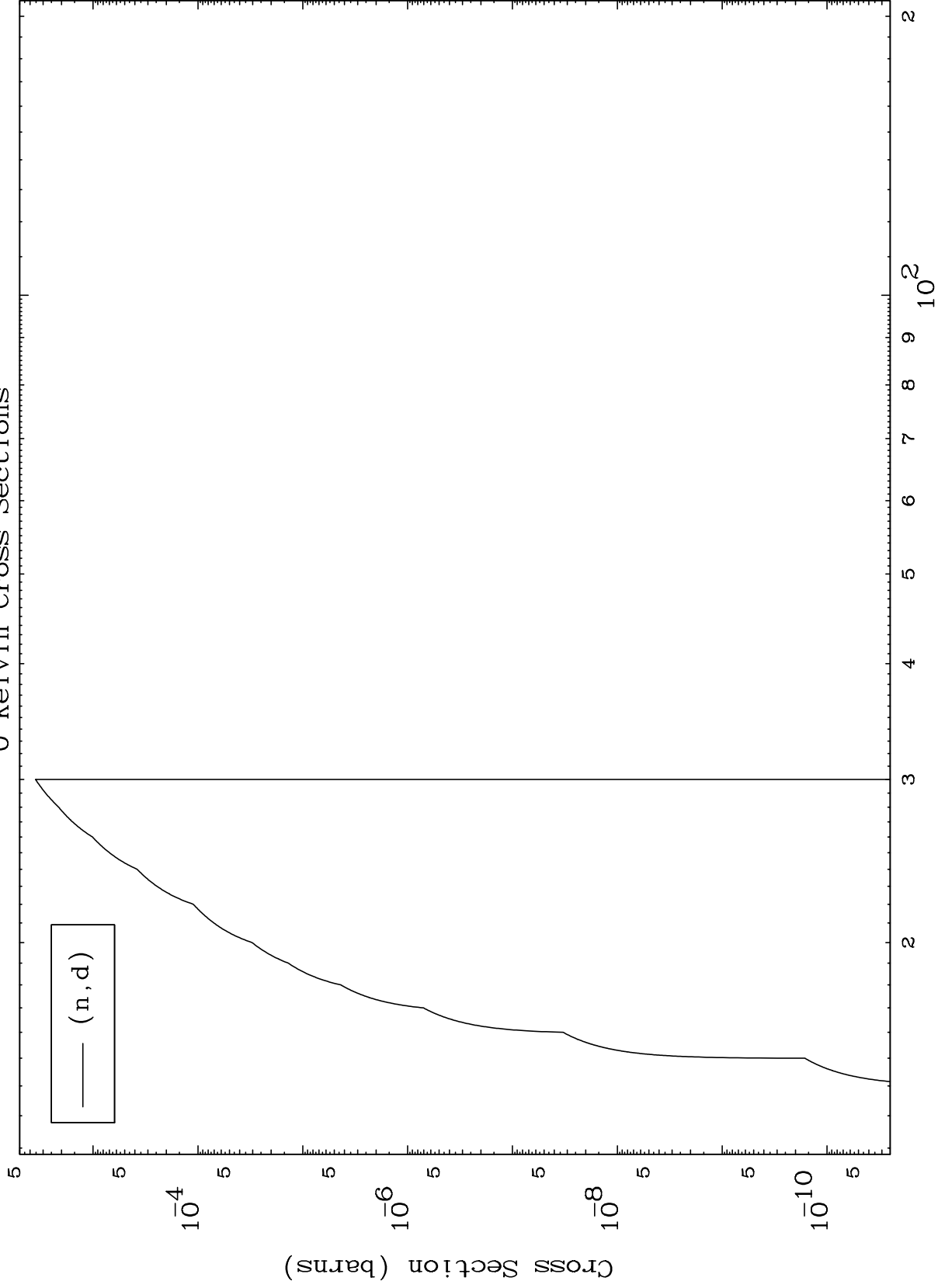
6

MAT 4901

(α, d) Levels

49-In-105

0 Kelvin Cross Sections



7

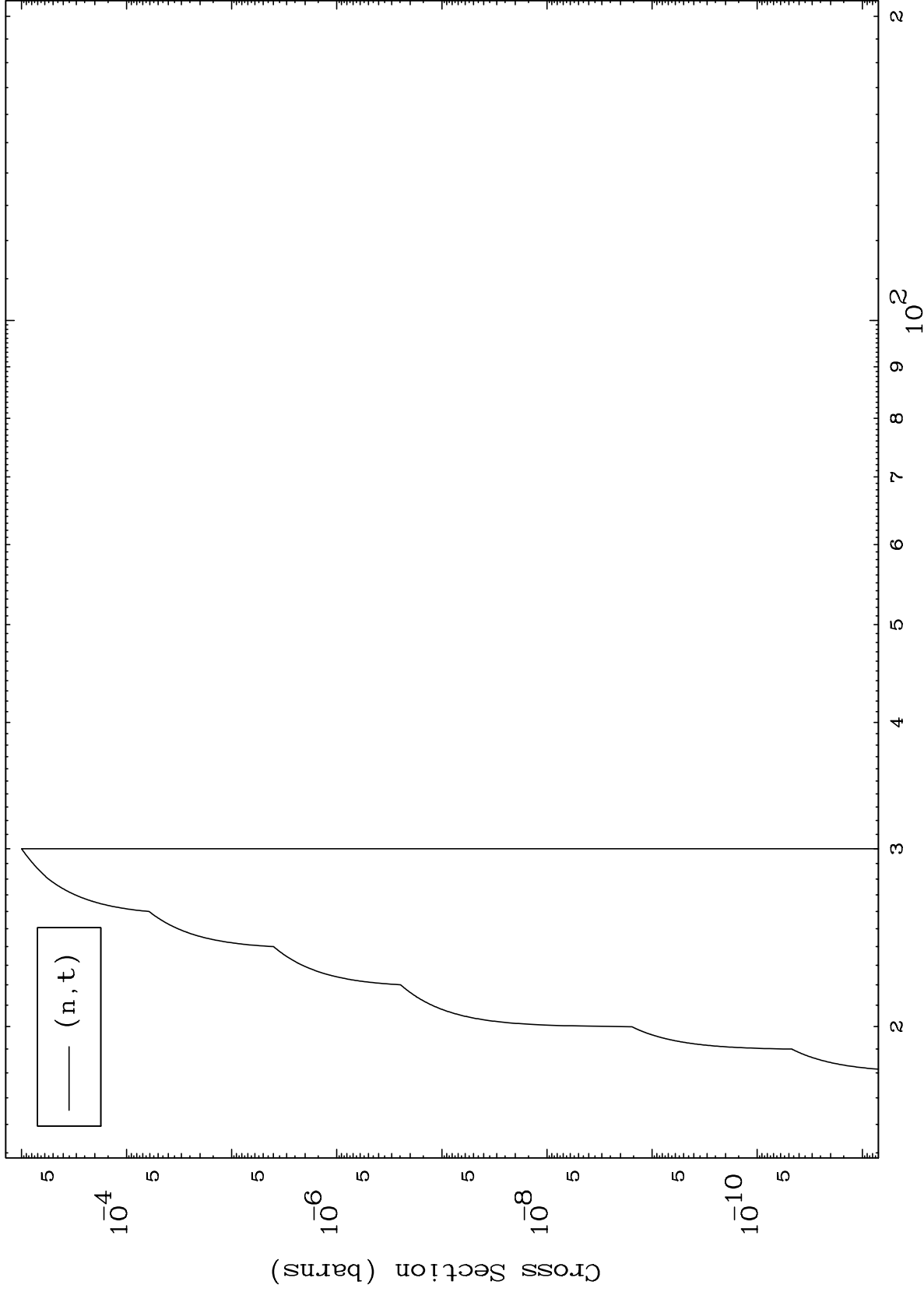
Incident Energy (MeV)

49-In-105

MAT 4901

(α, t) Levels
0 Kelvin Cross Sections

49-In-105



8

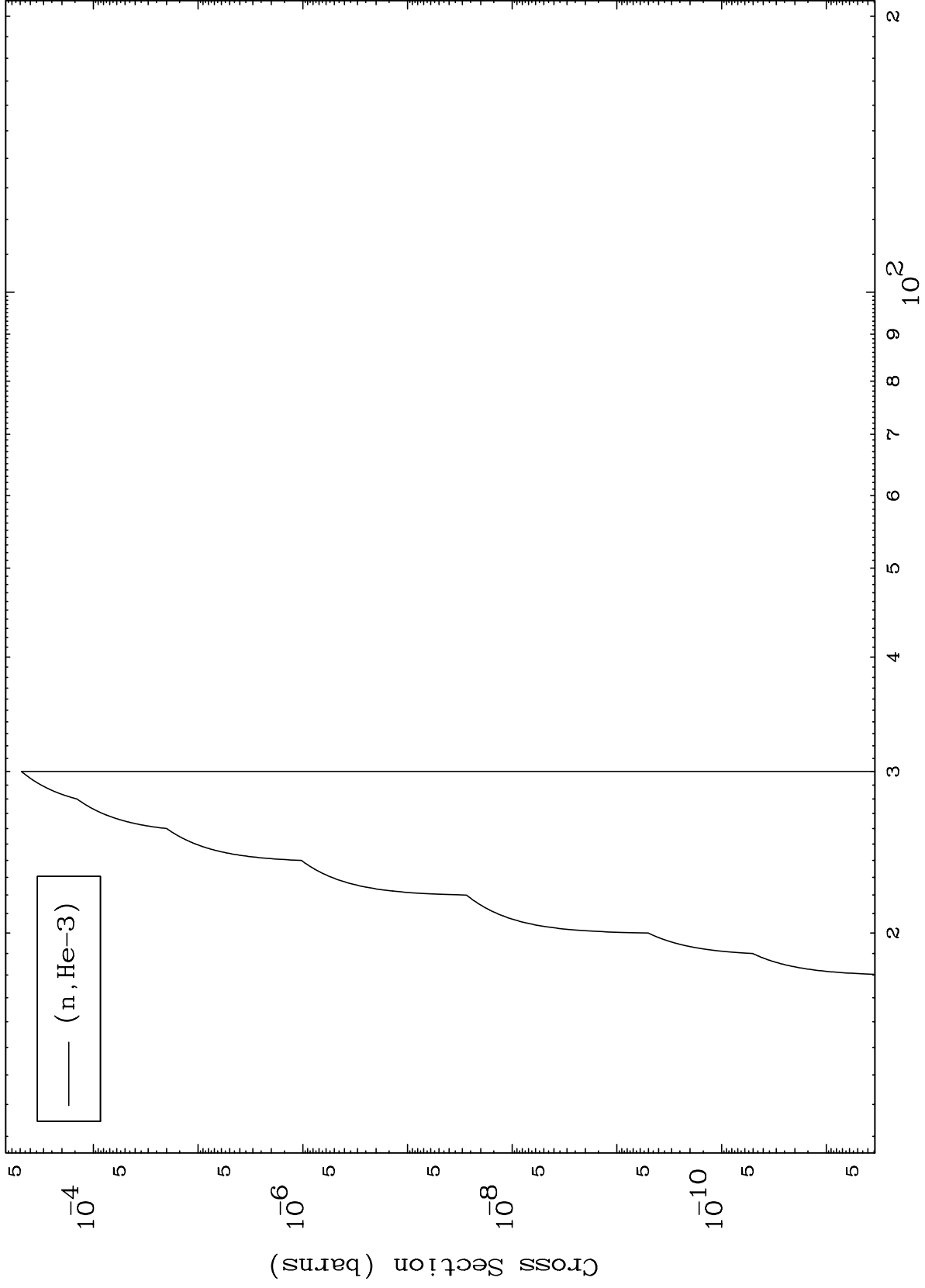
Incident Energy (MeV)

49-In-105

MAT 4901

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

49-In-105



9

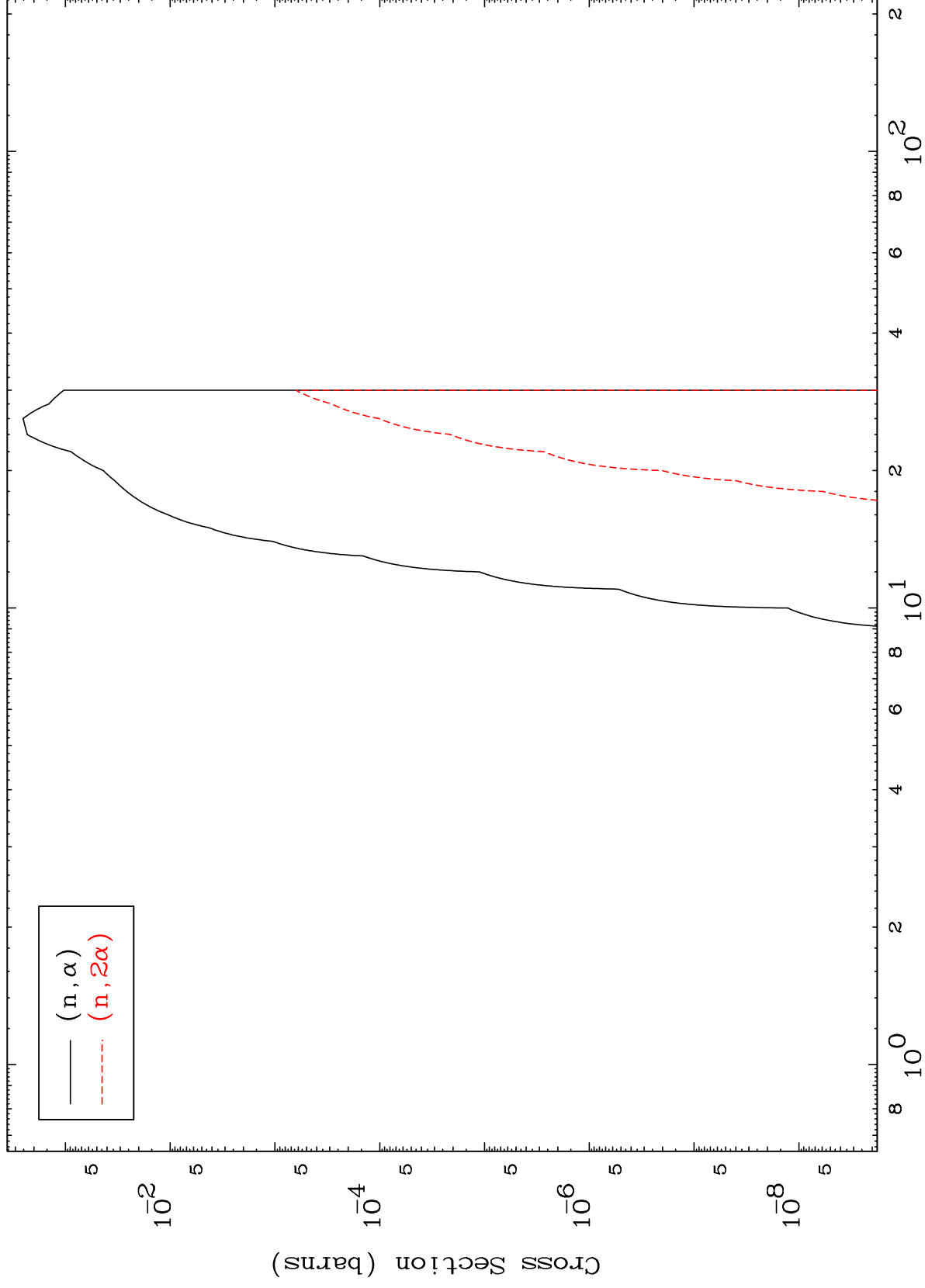
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

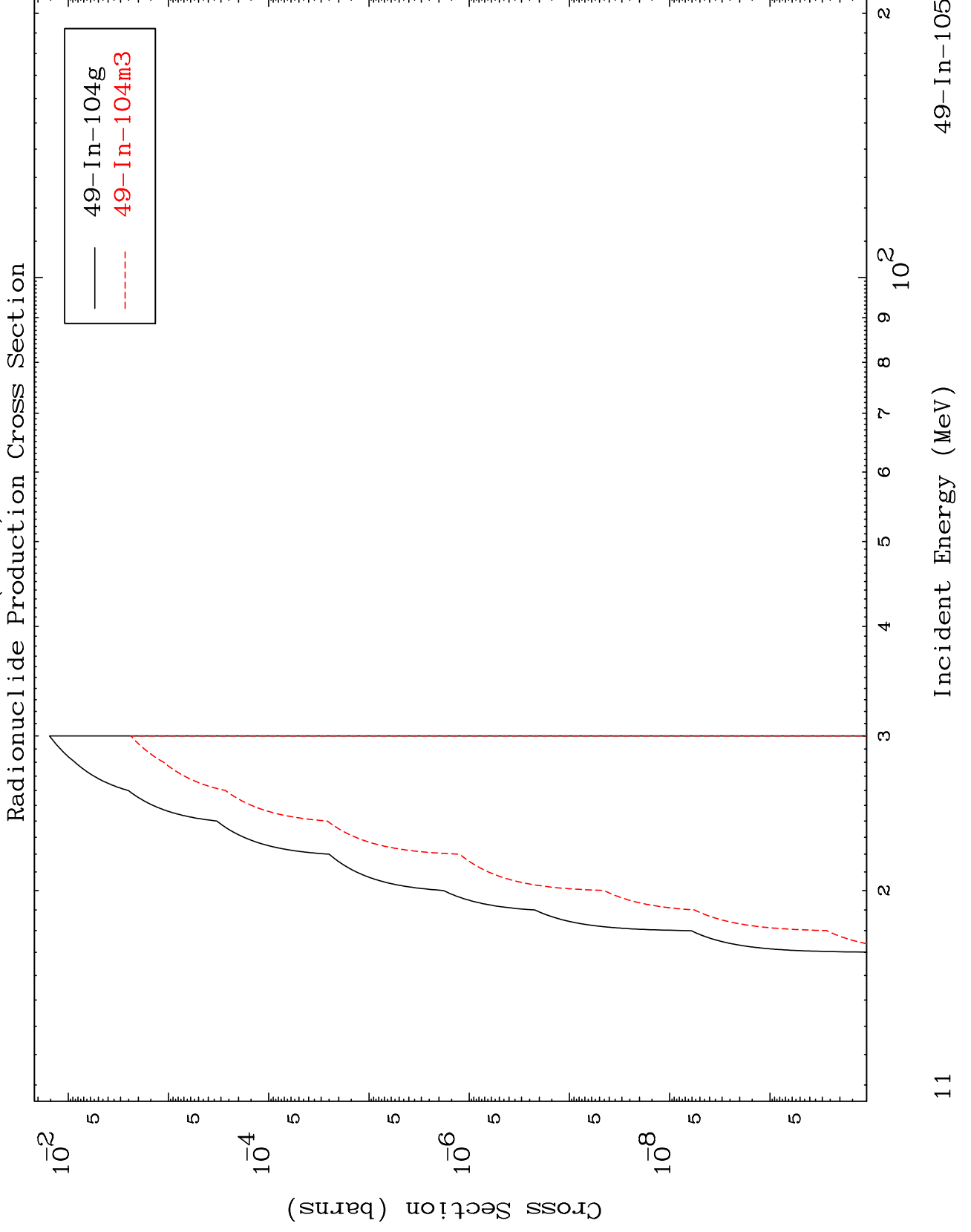
(α, α) Levels
0 Kelvin Cross Sections

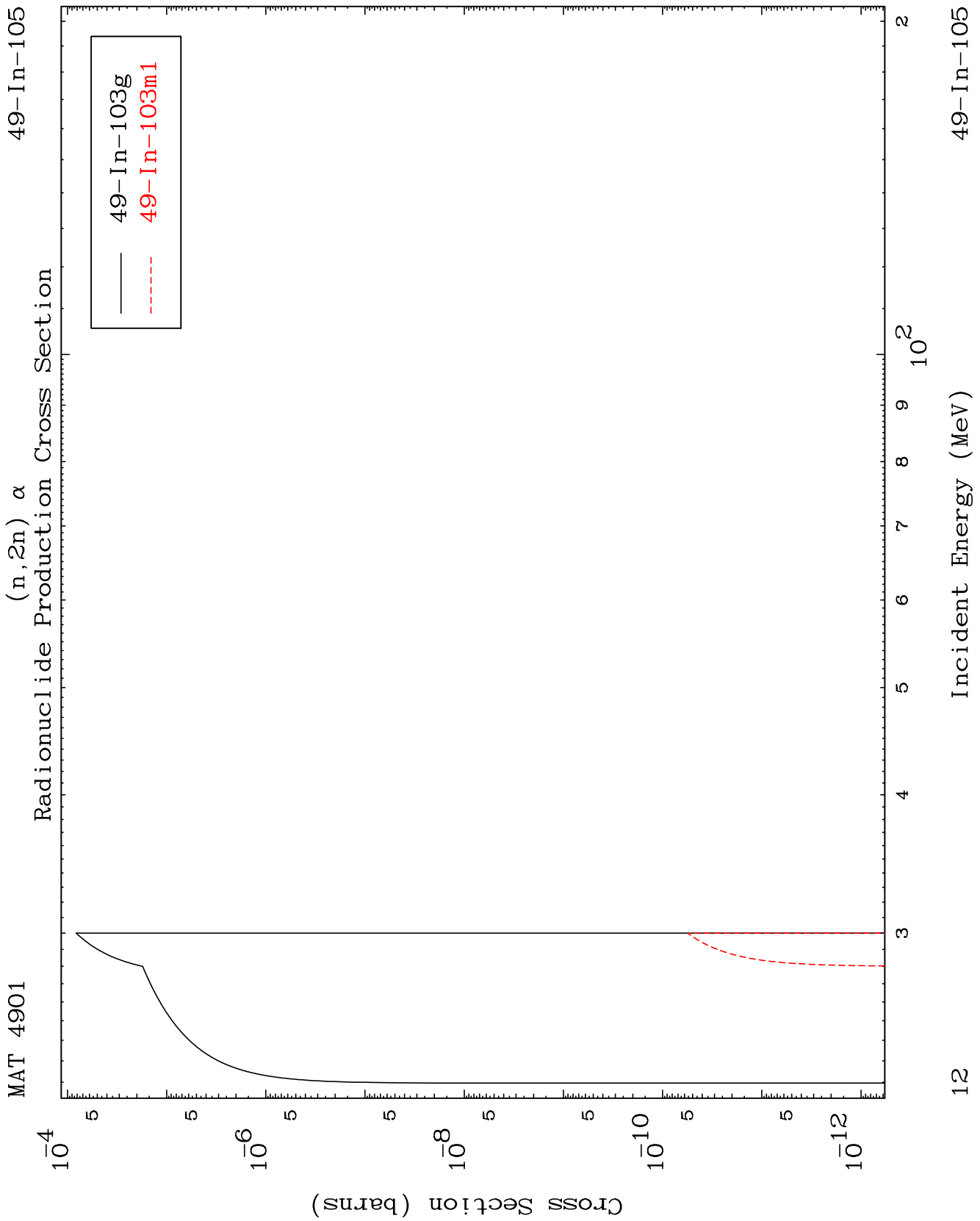


49-In-105

Incident Energy (MeV)

10



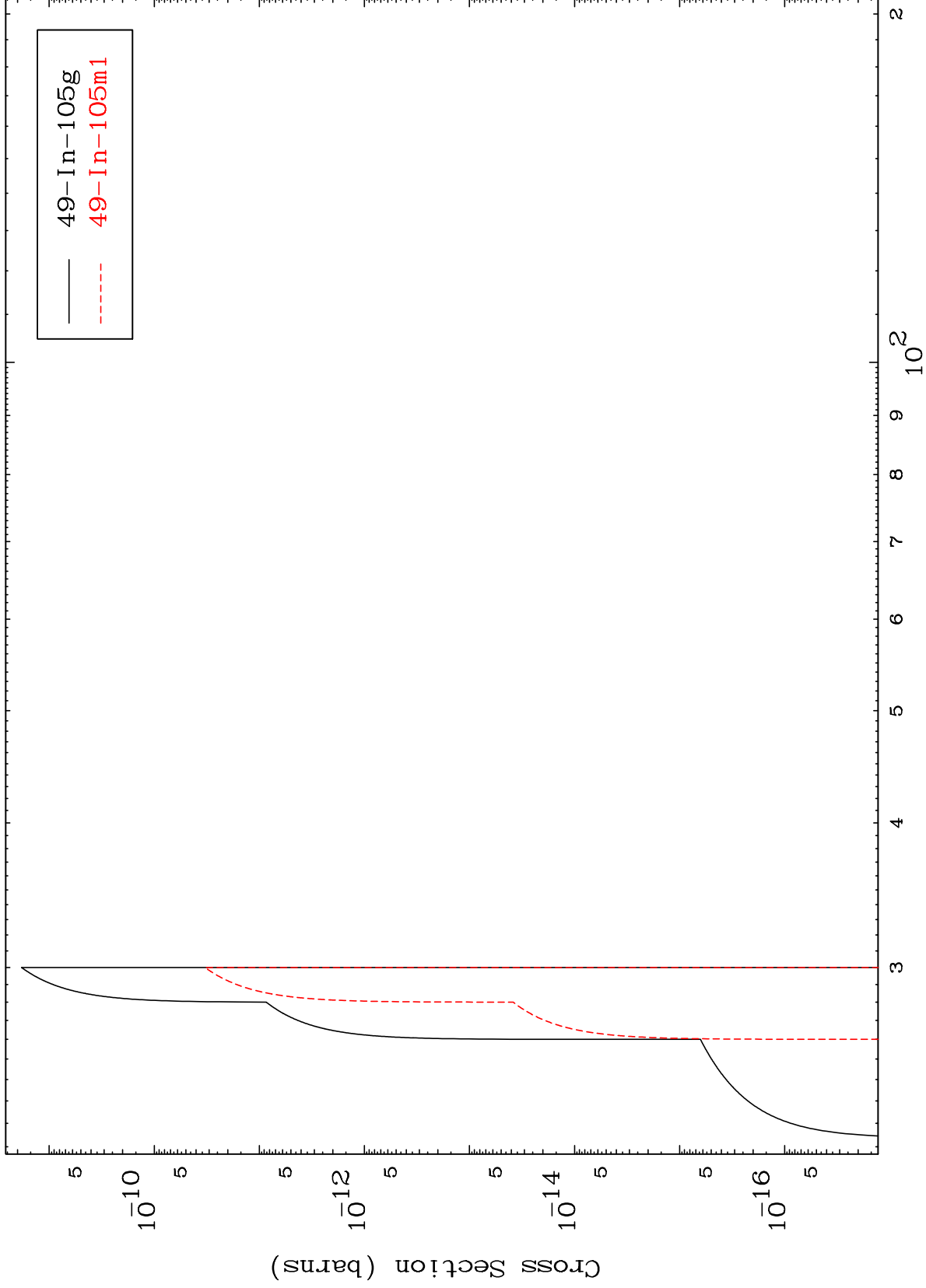


MAT 4901

(n,n') He-3

49-In-105

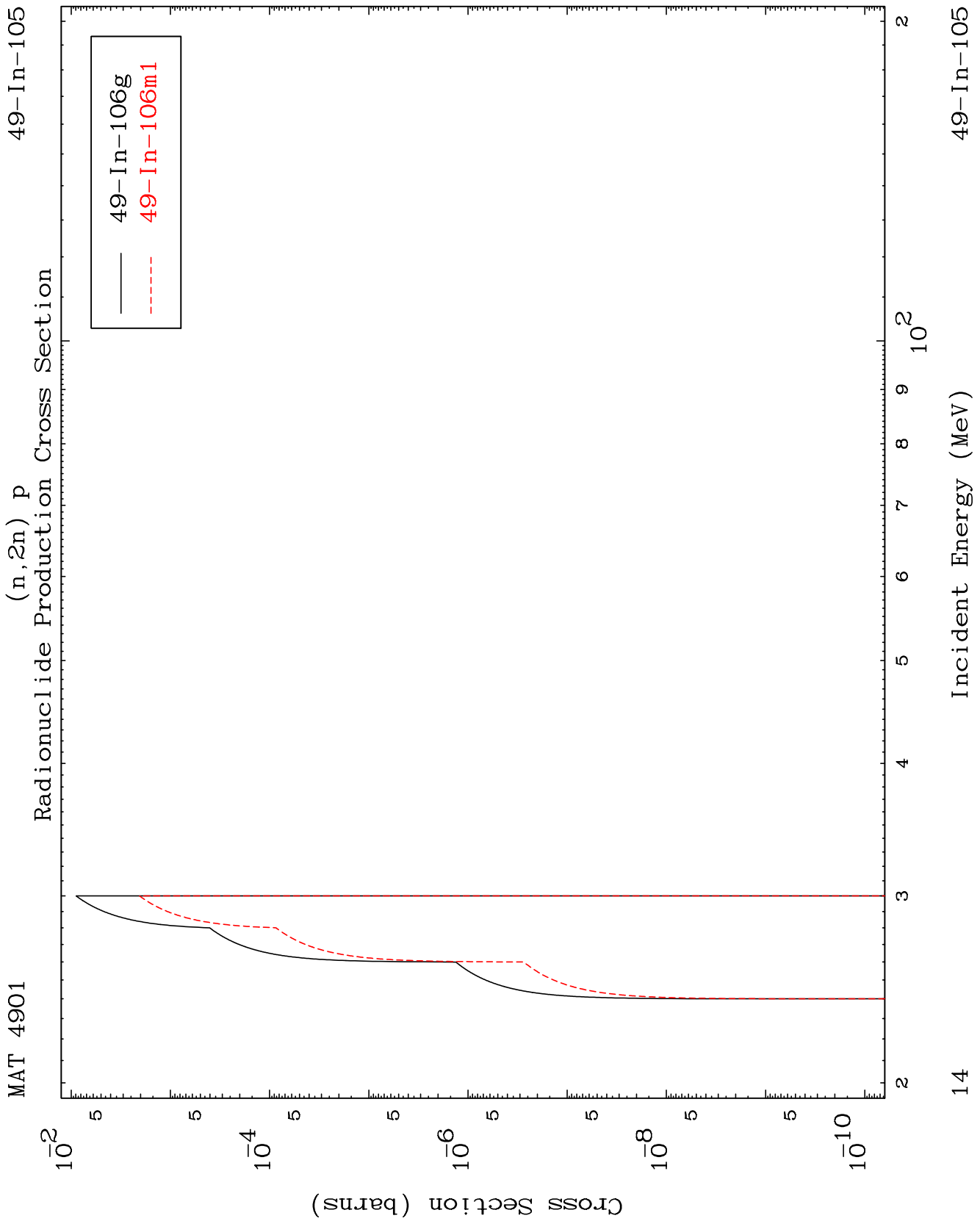
Radionuclide Production Cross Section



13

Incident Energy (MeV)

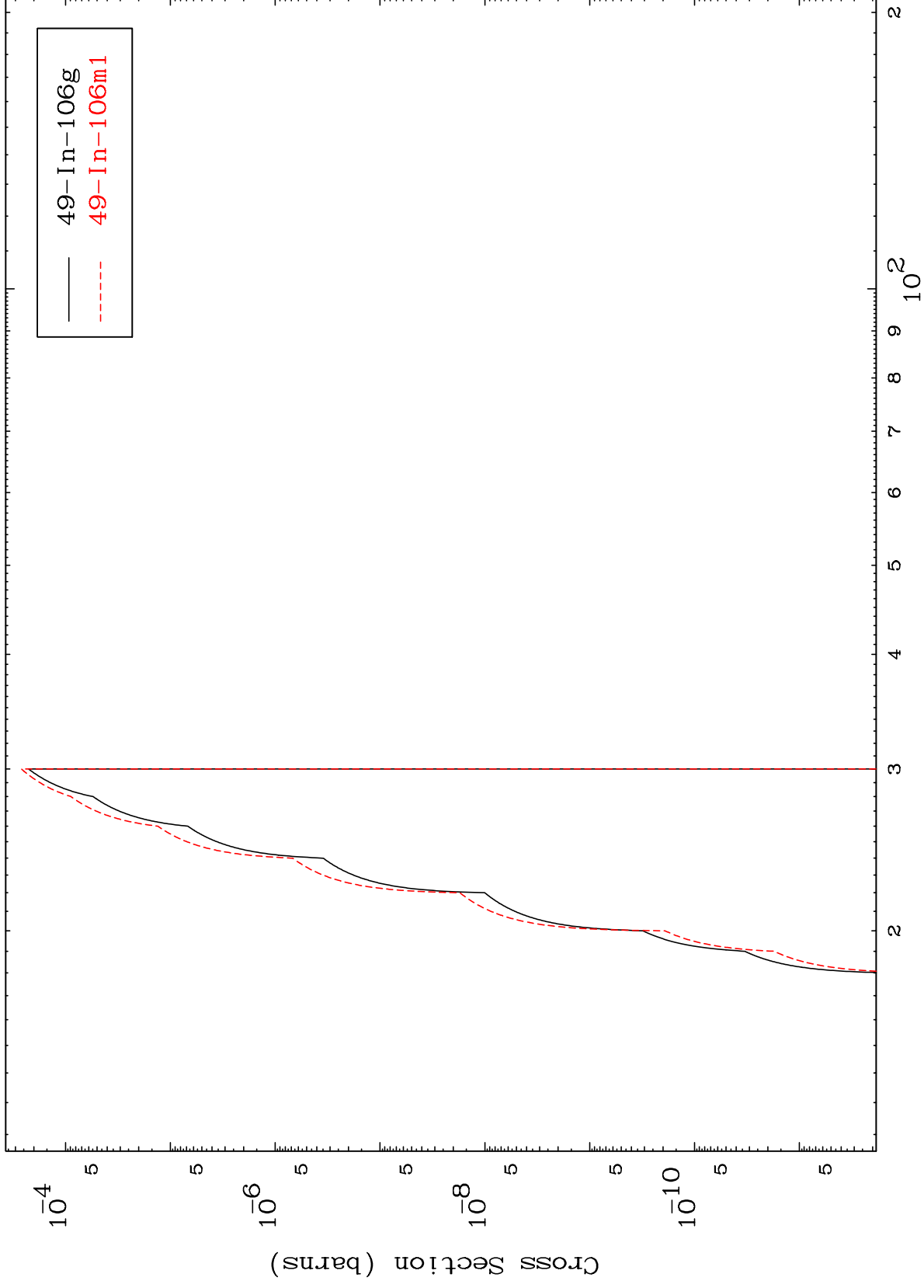
49-In-105



MAT 4901

49-In-105

(n,He-3)
Radionuclide Production Cross Section



15

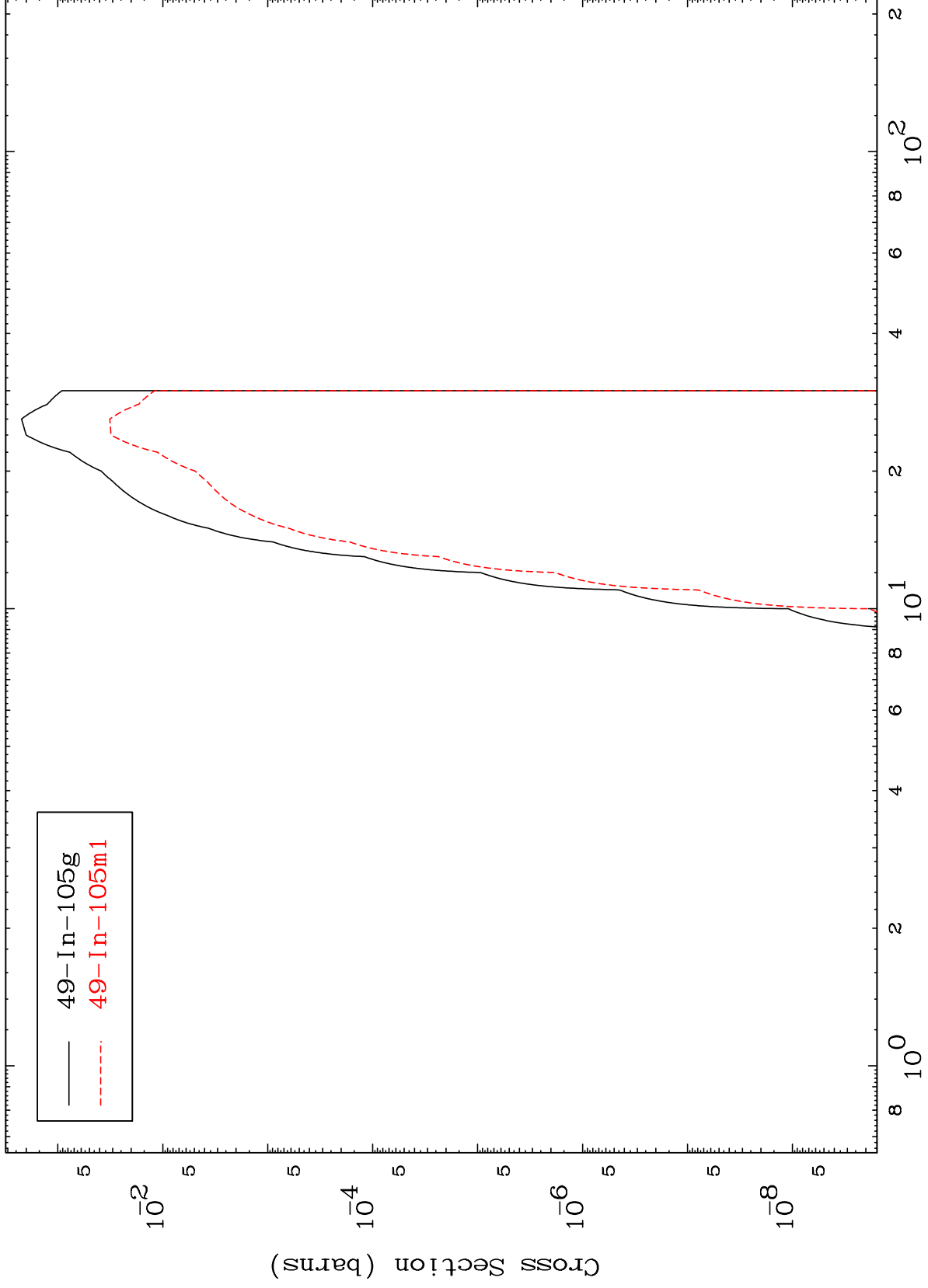
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n,α)
Radionuclide Production Cross Section



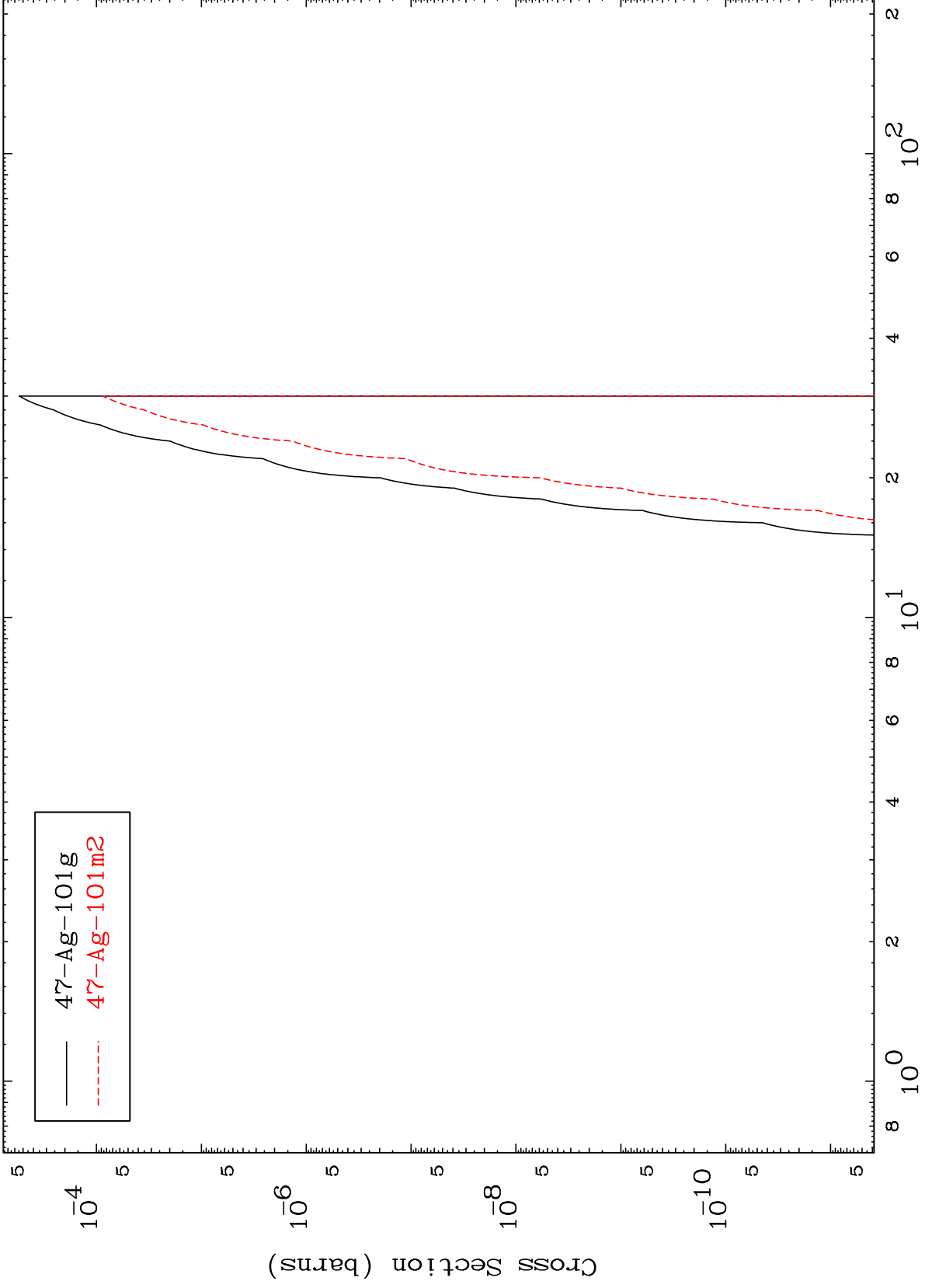
49-In-105g
49-In-105m1

MAT 4901

(n,2α)

49-In-105

Radionuclide Production Cross Section



17

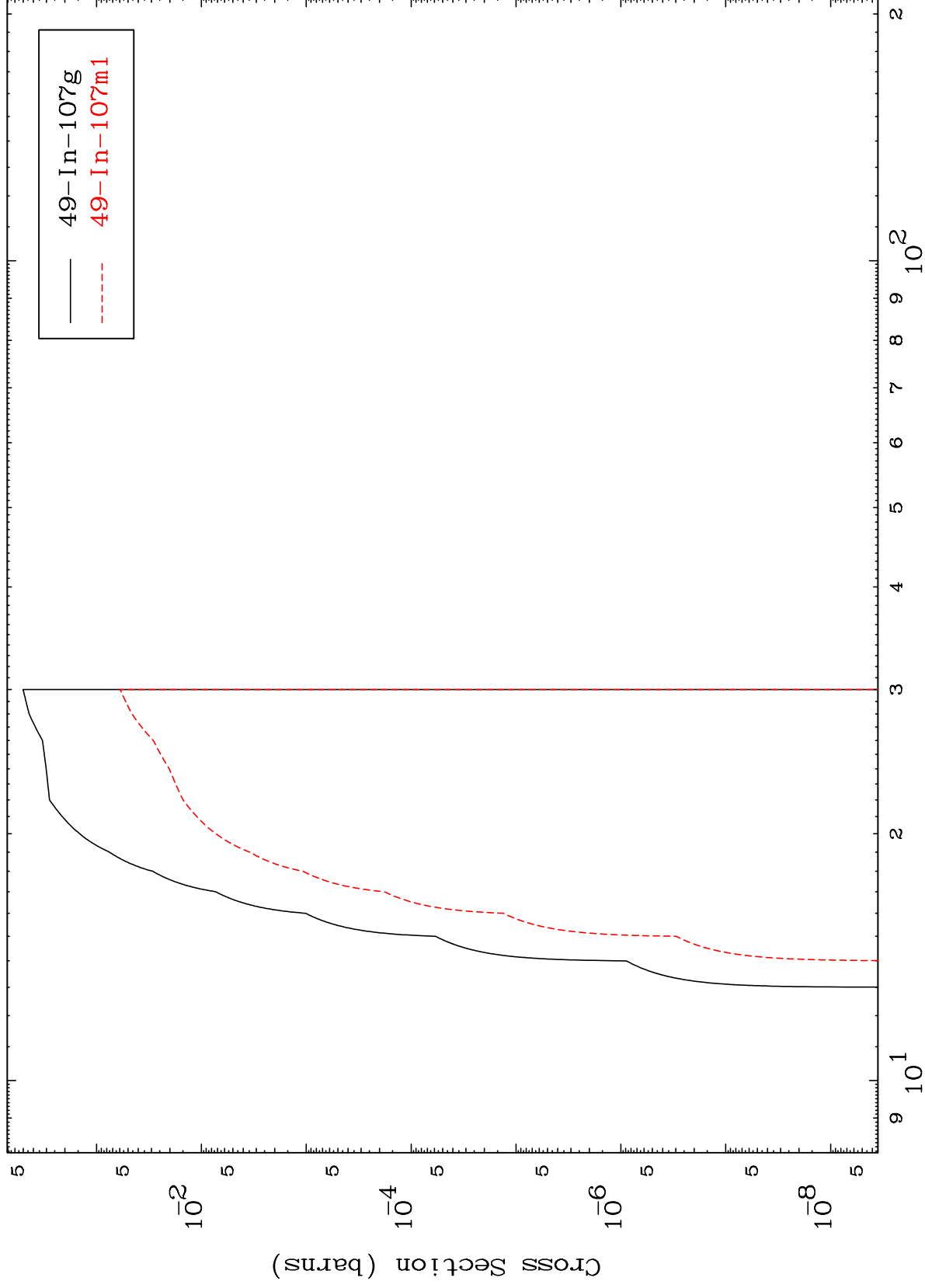
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n,2p)
Radionuclide Production Cross Section



49-In-105

Incident Energy (MeV)

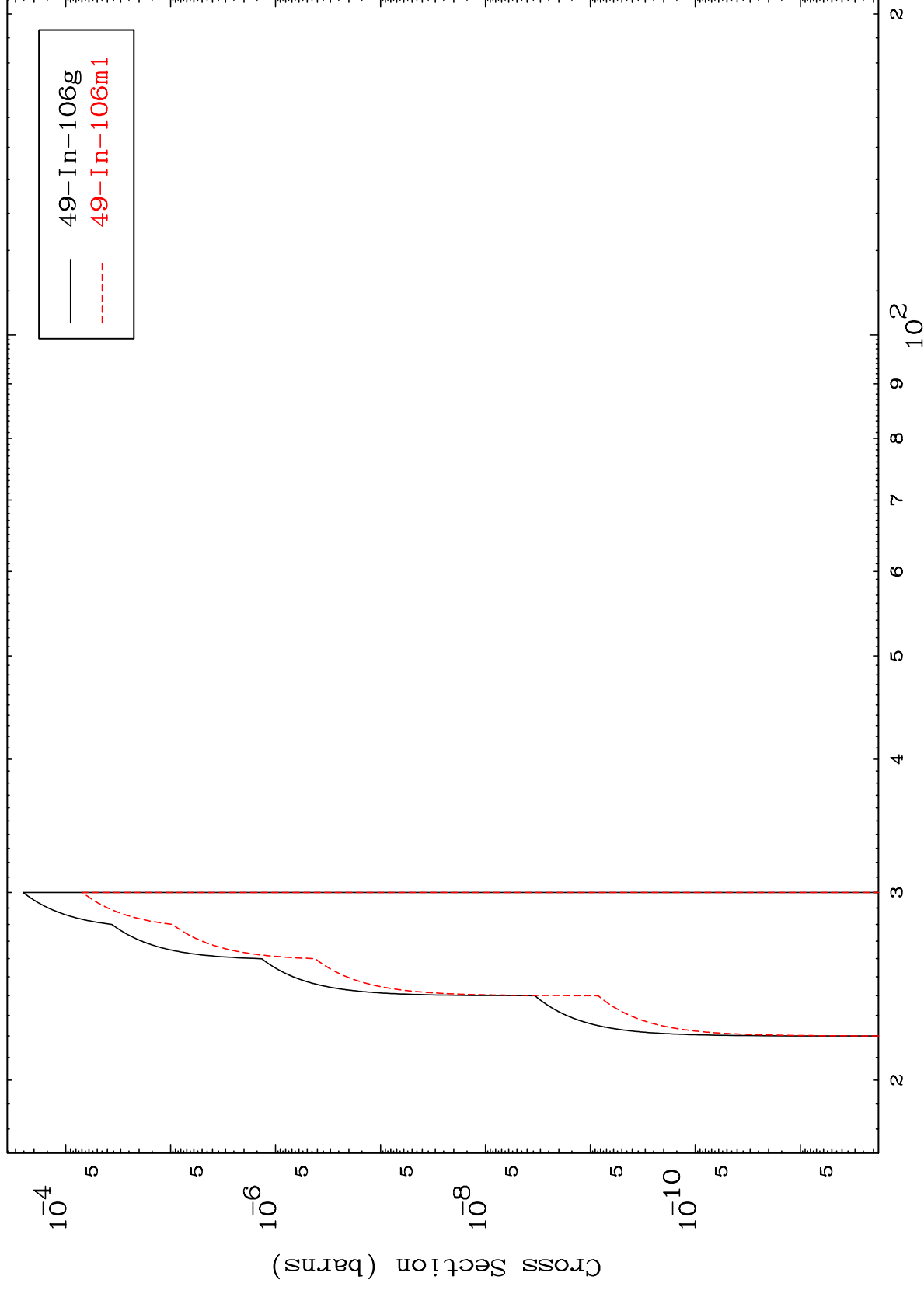
18

MAT 4901

(n,p) d

49-In-105

Radionuclide Production Cross Section



19

Incident Energy (MeV)

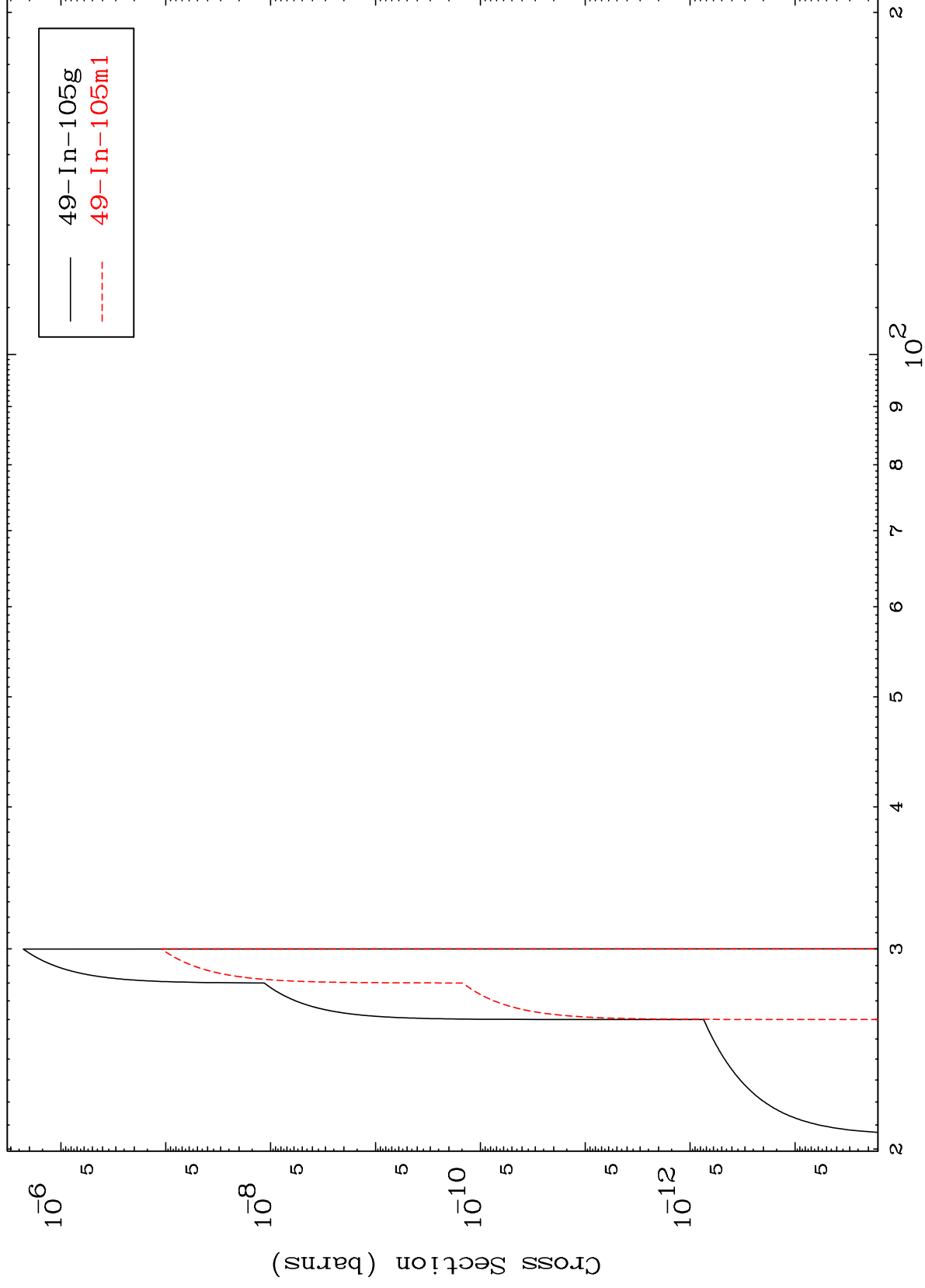
49-In-105

MAT 4901

(n,p) t

49-In-105

Radionuclide Production Cross Section



20

Incident Energy (MeV)

49-In-105