

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

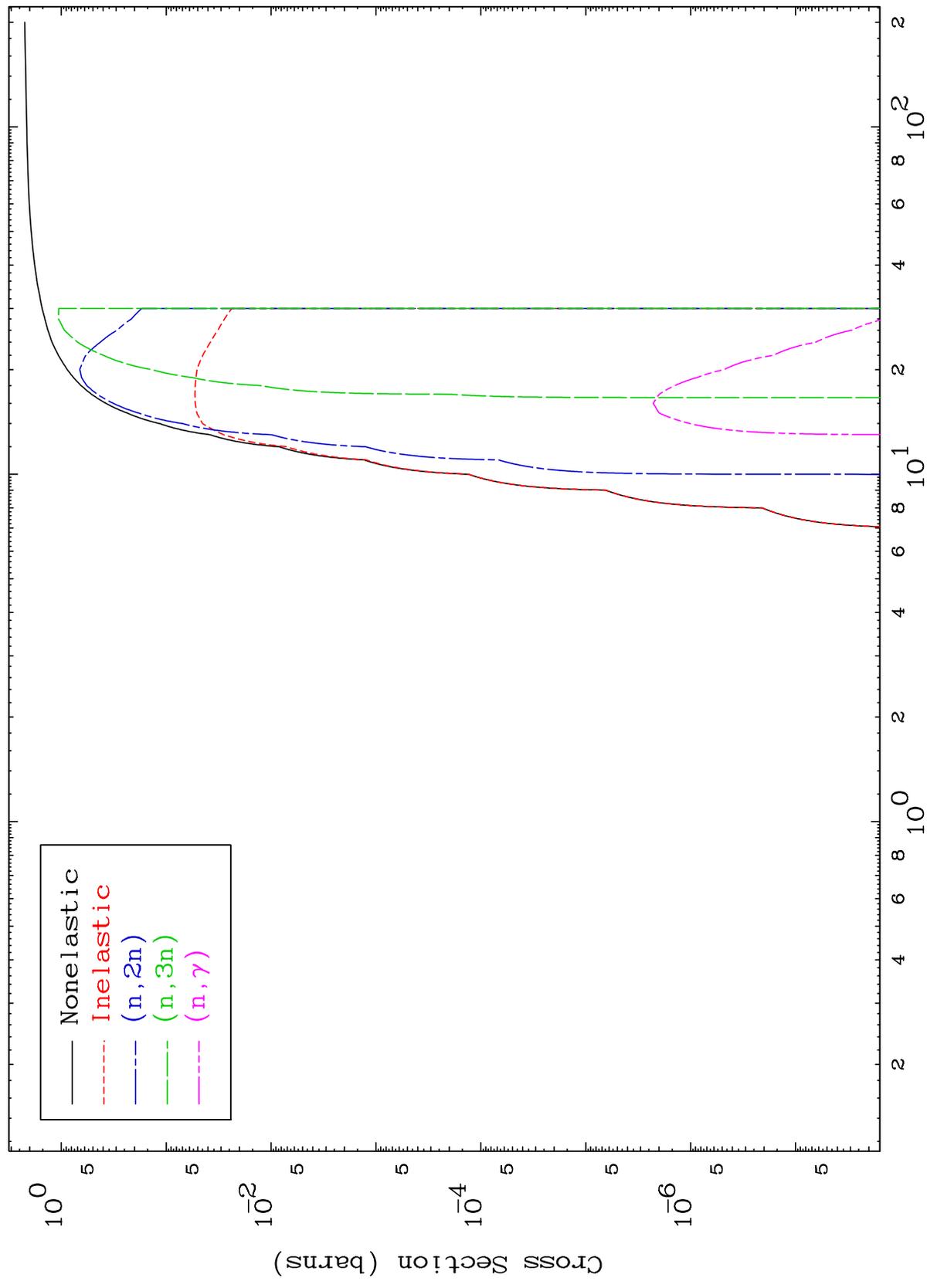
Press Mouse Button to Start

MAT 4953

0 Kelvin

Major Cross Sections

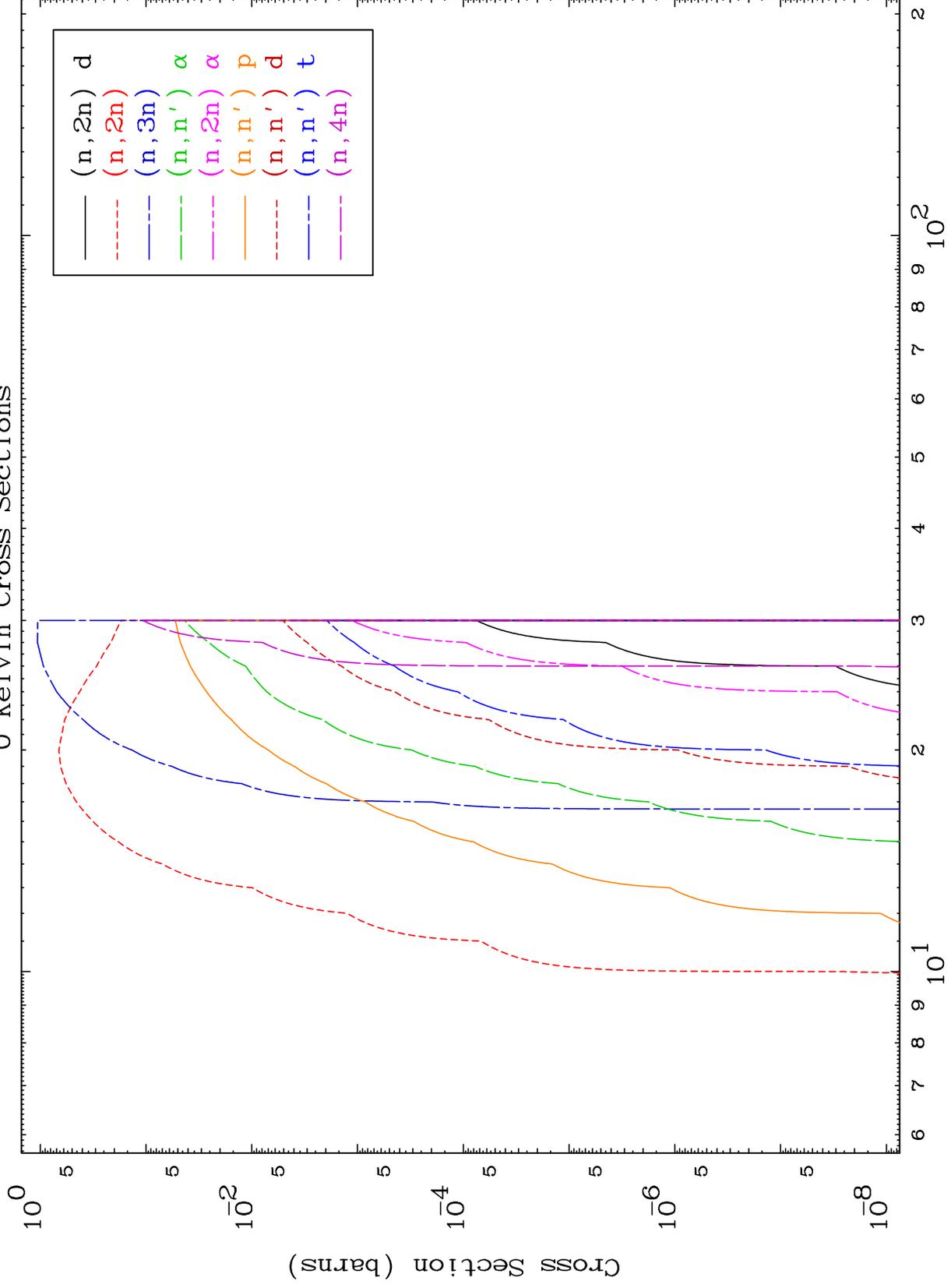
49-In-122m



MAT 4953

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

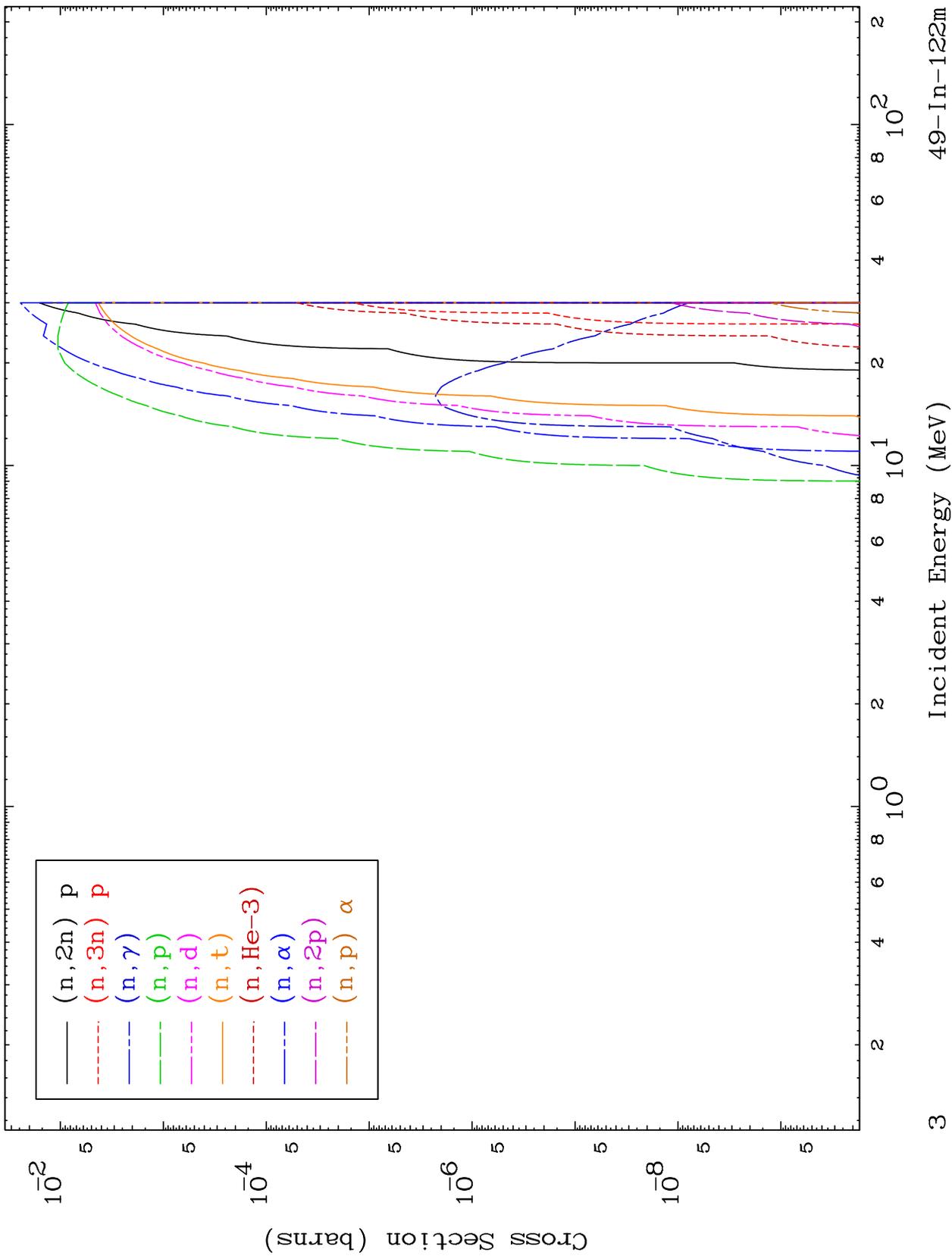
49-In-122m

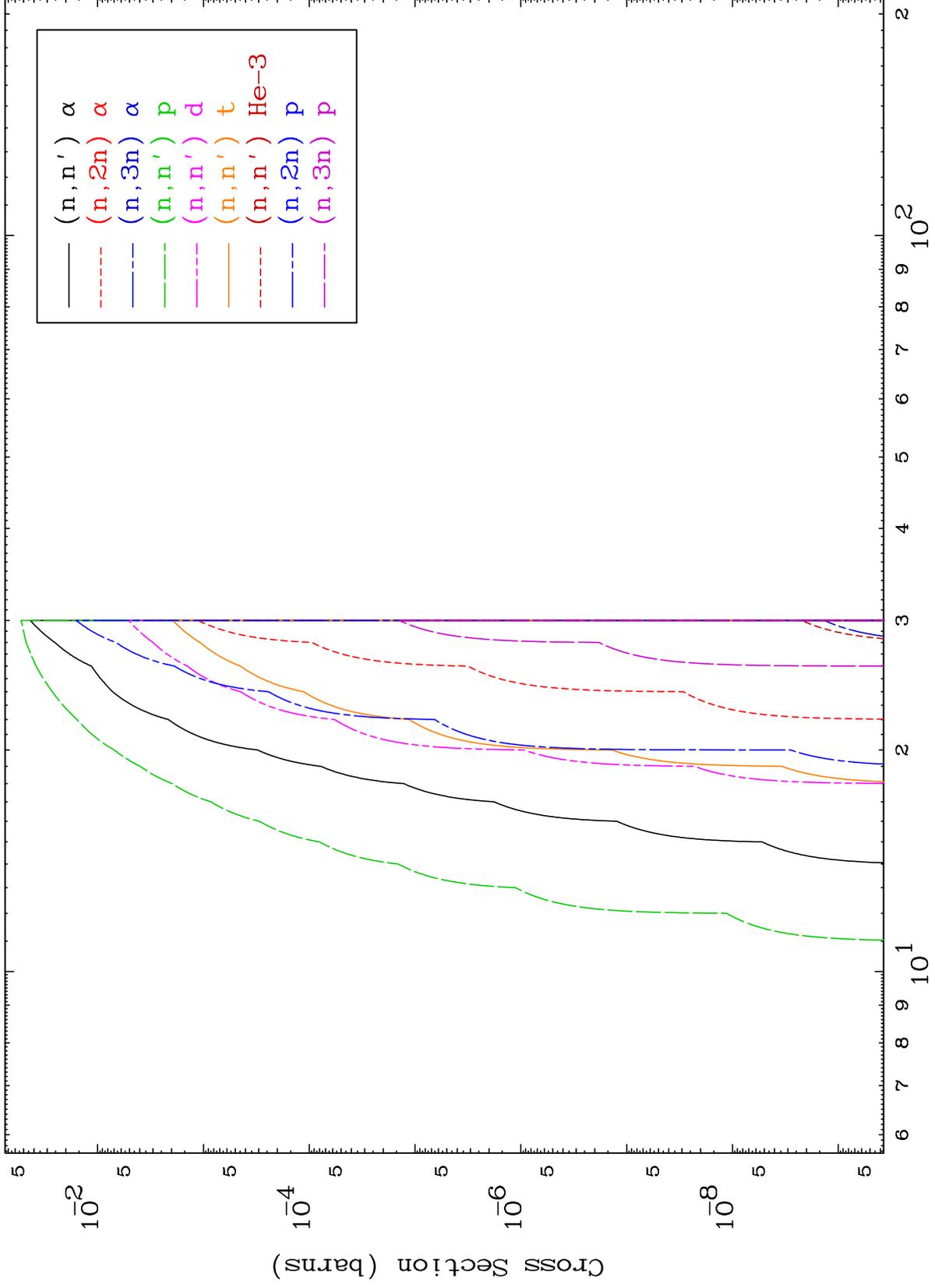


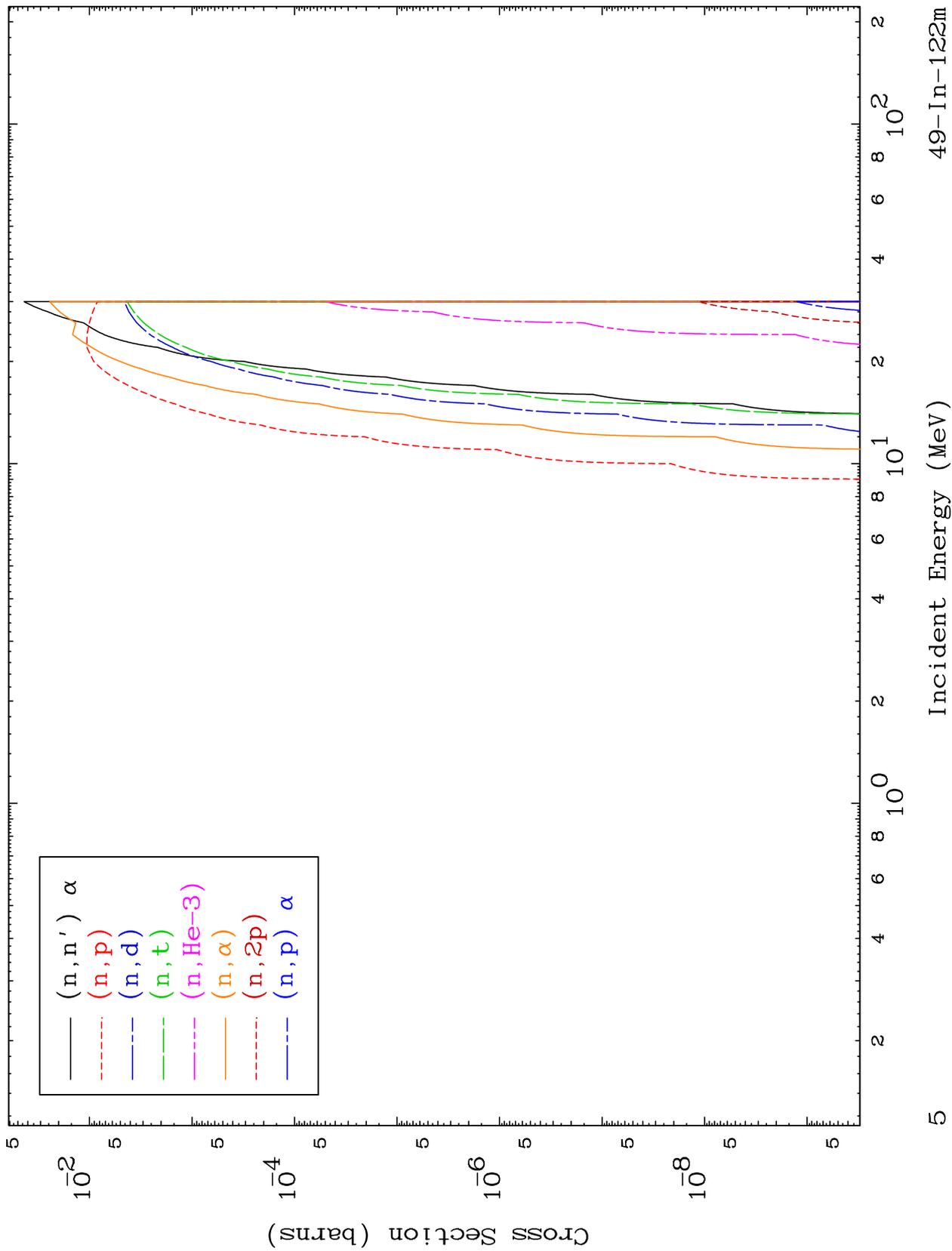
MAT 4953

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

49-In-122m





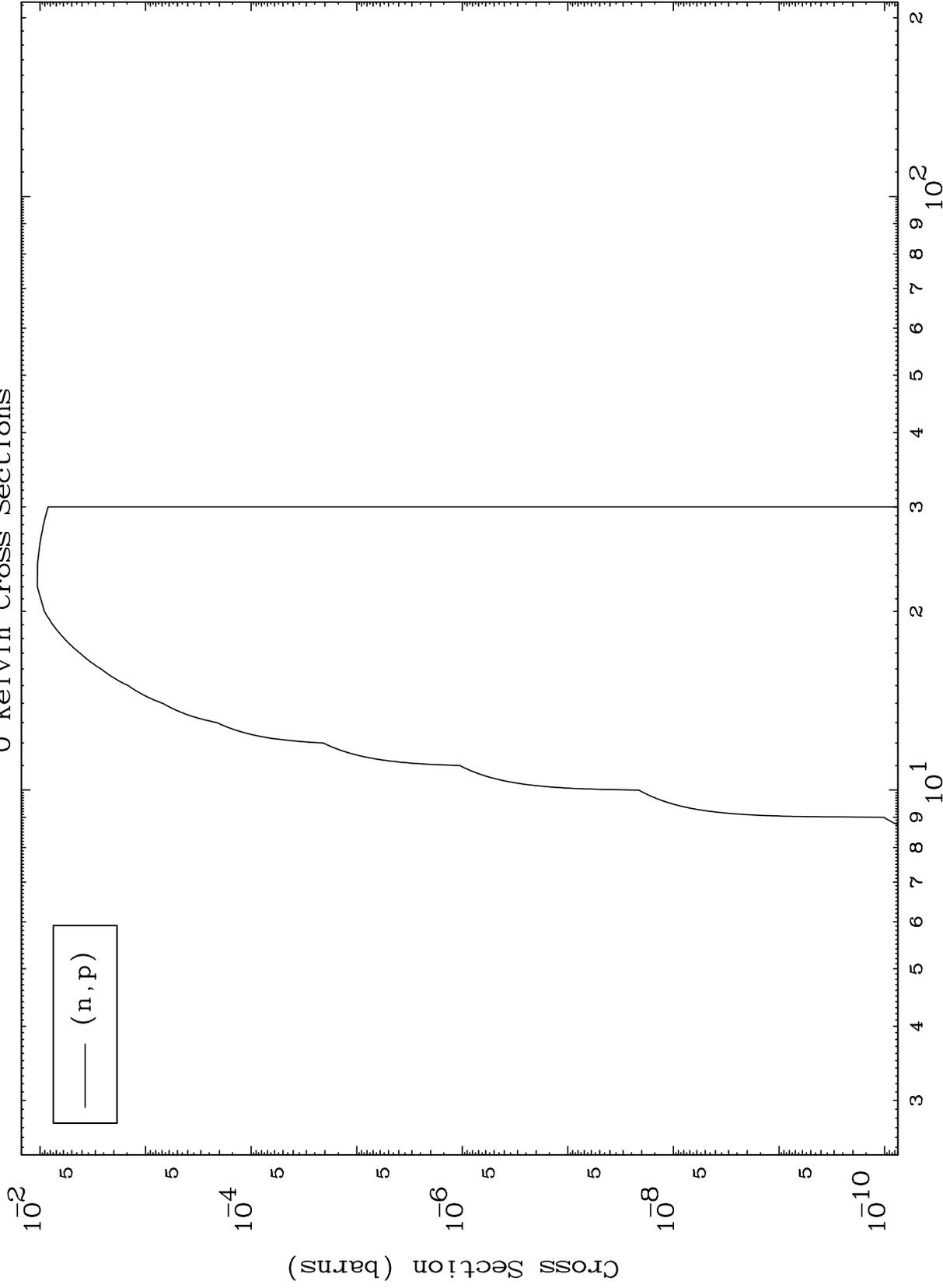


MAT 4953

( $\alpha, p$ ) Levels

49-In-122m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-122m

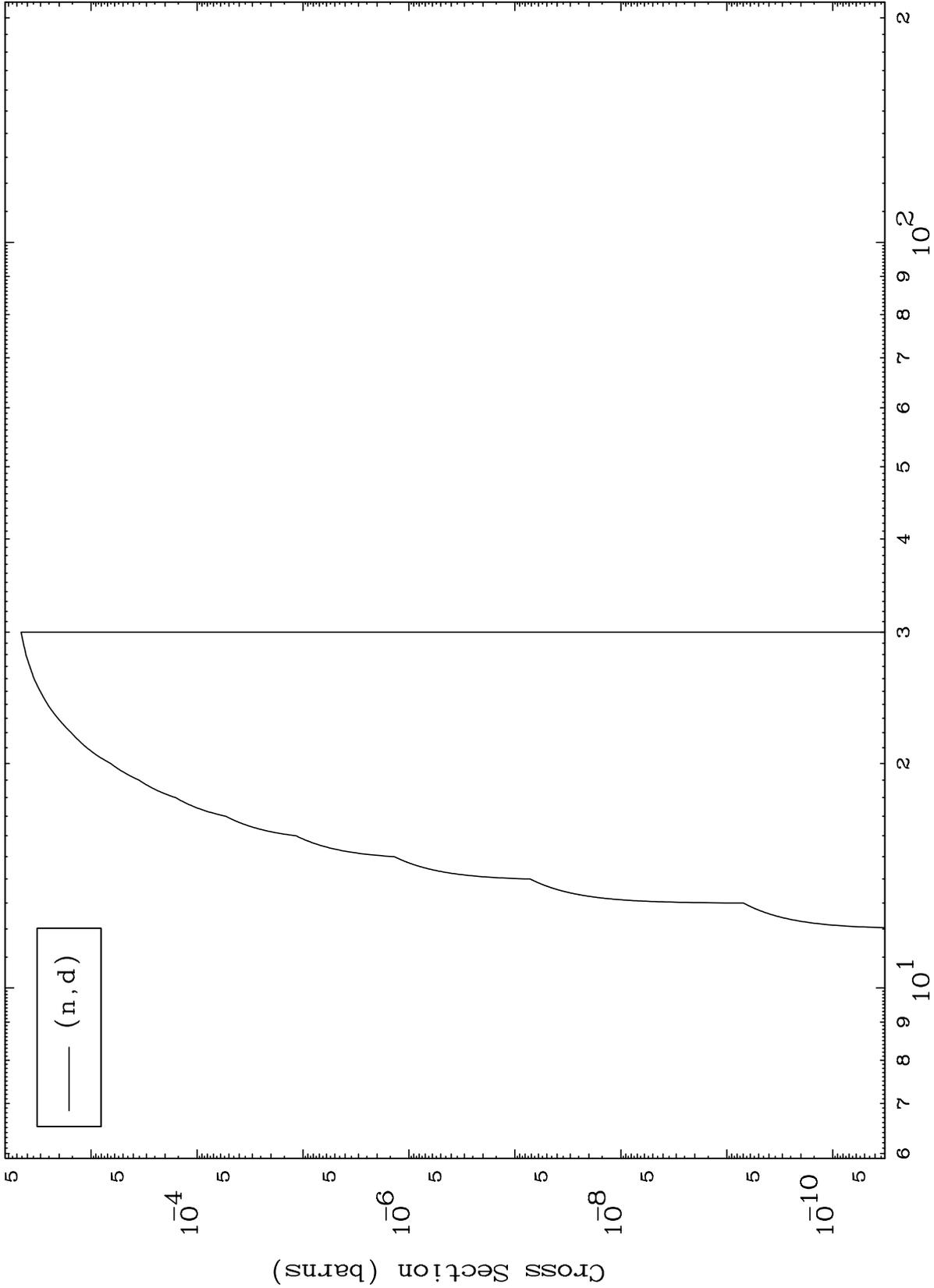
6

MAT 4953

( $\alpha, d$ ) Levels

49-In-122m

0 Kelvin Cross Sections



7

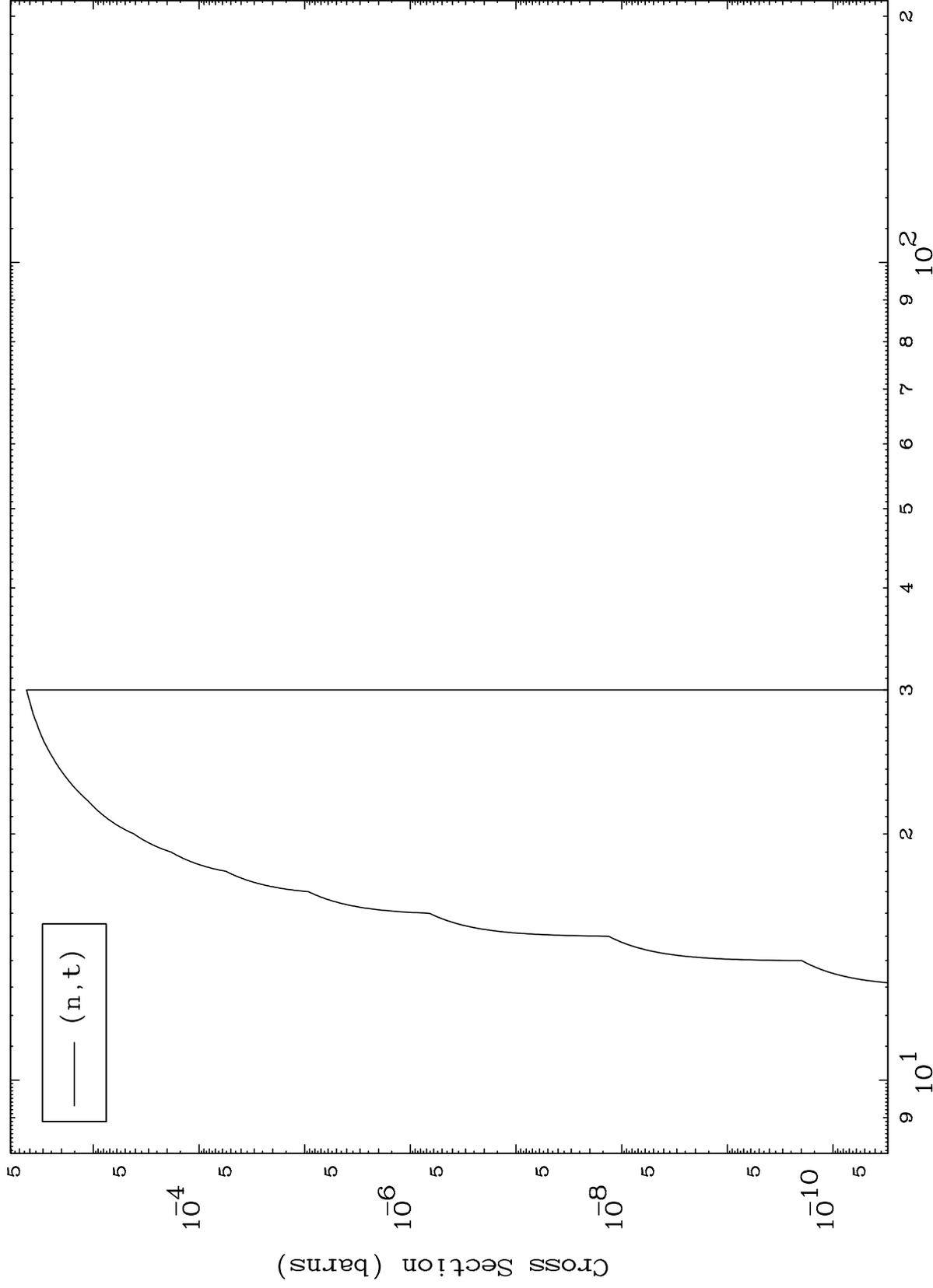
Incident Energy (MeV)

49-In-122m

MAT 4953

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

49-In-122m



8

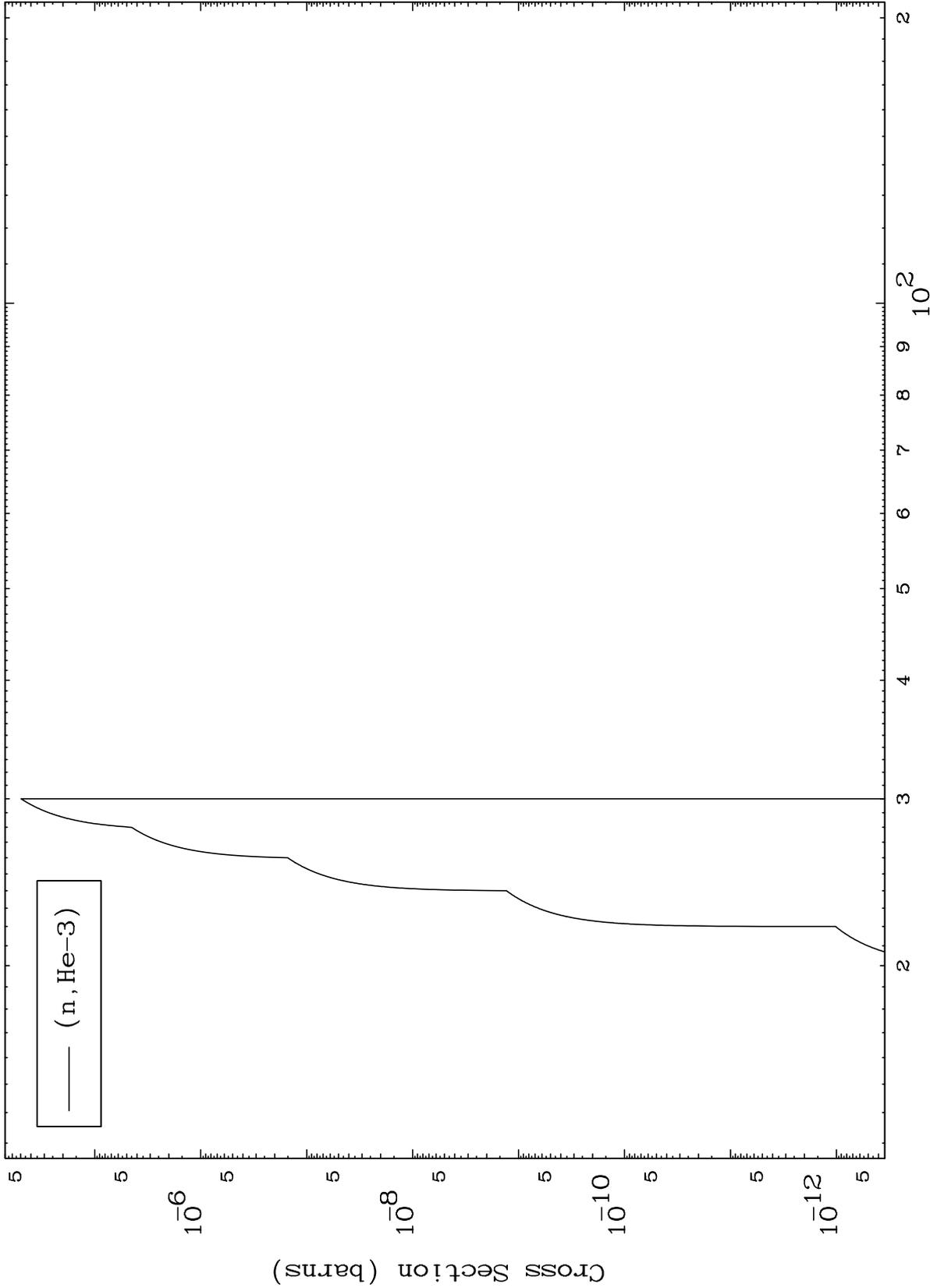
Incident Energy (MeV)

49-In-122m

MAT 4953

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

49-In-122m

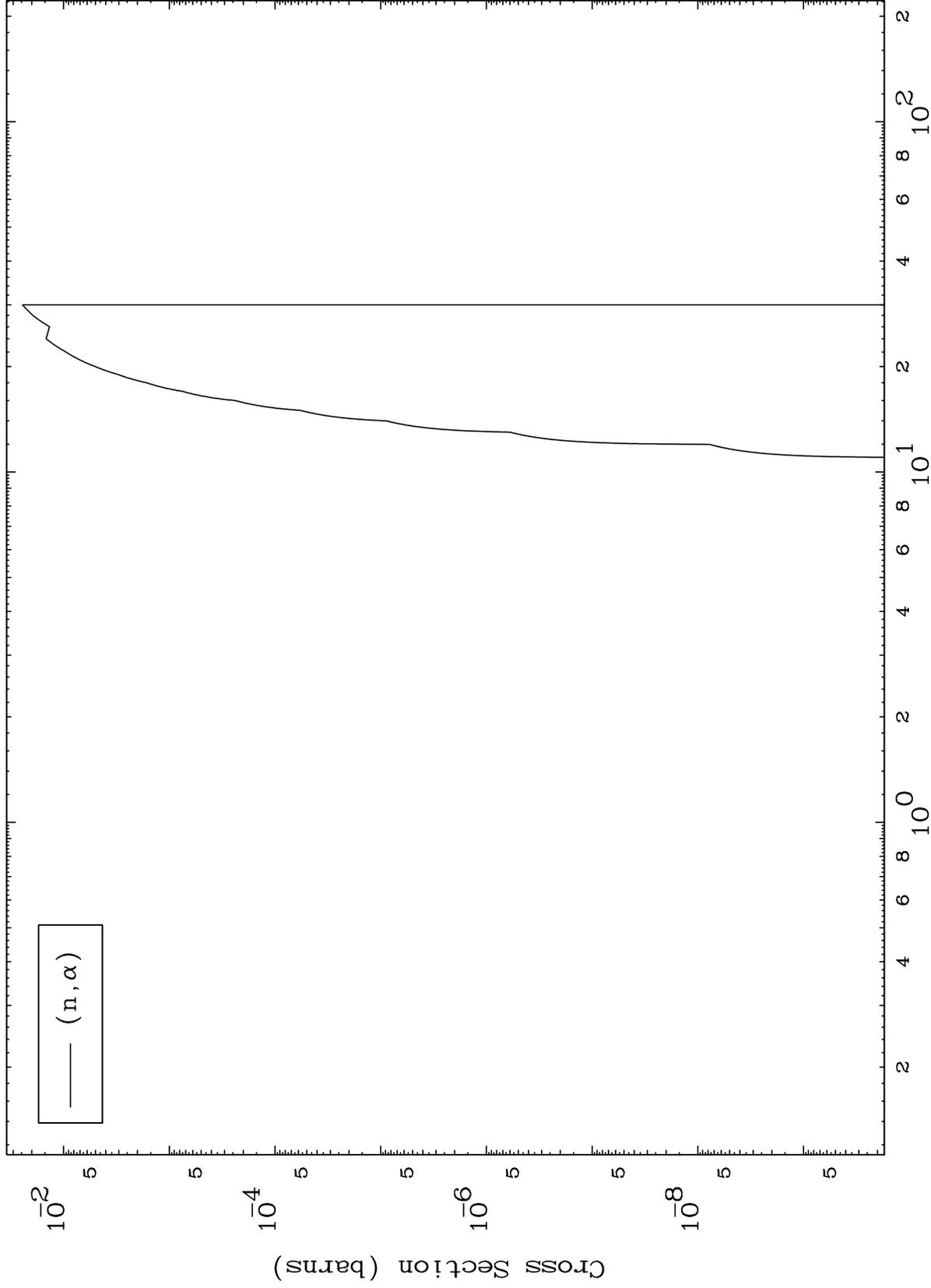


MAT 4953

( $\alpha, \alpha$ ) Levels

49-In-122m

0 Kelvin Cross Sections



10

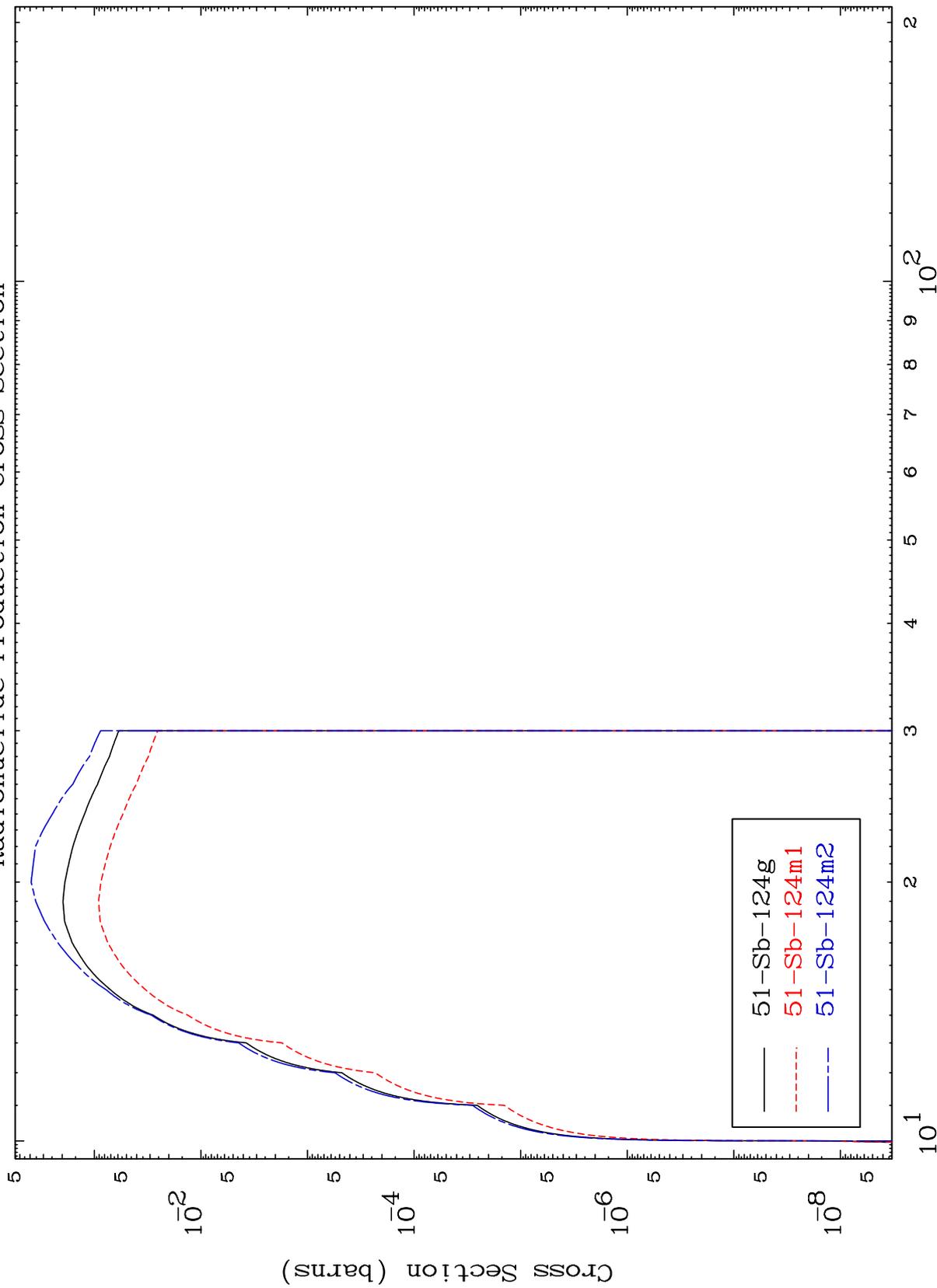
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

Radionuclide Production Cross Section



49-In-122m

Incident Energy (MeV)

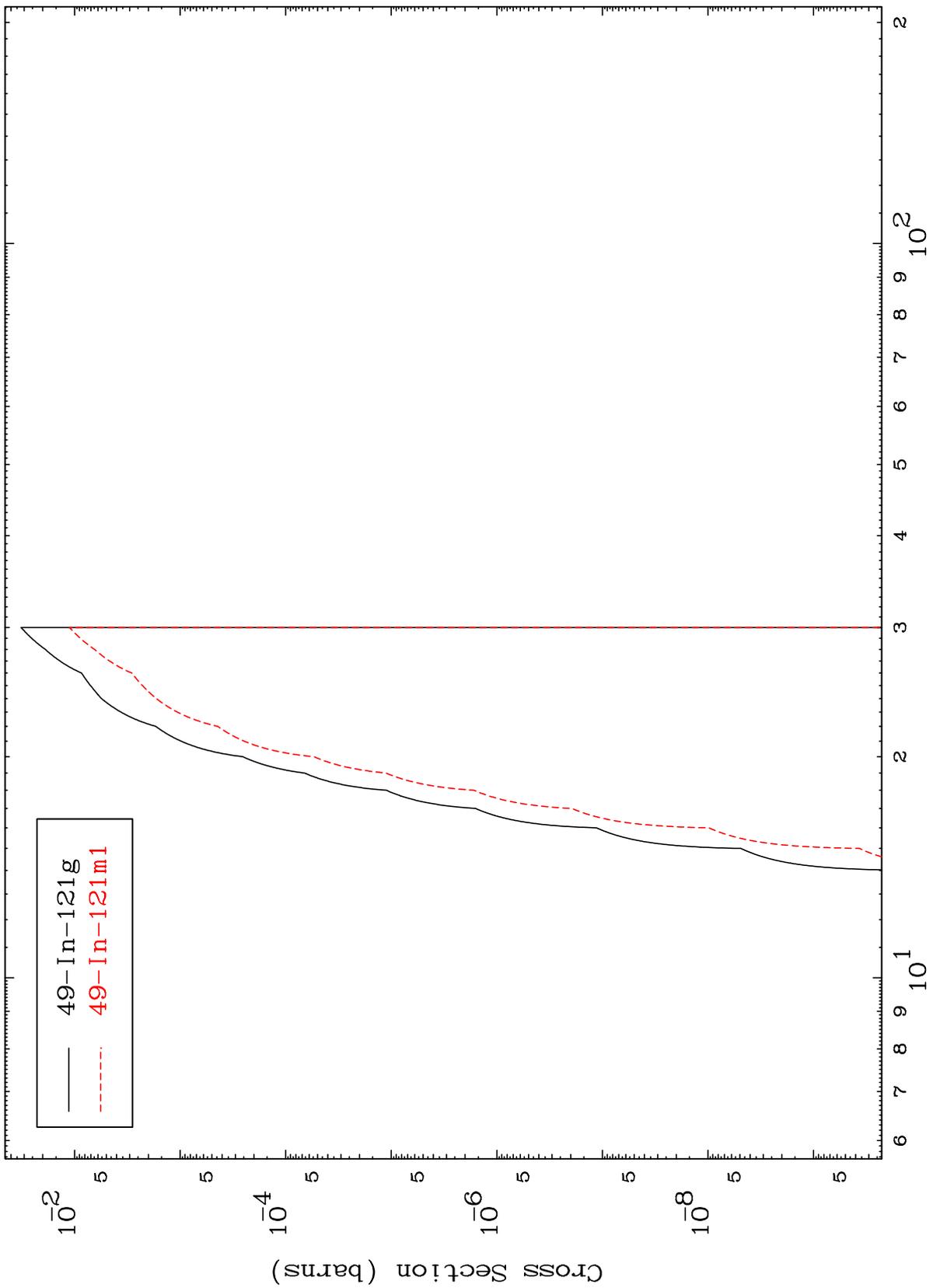
11

MAT 4953

(n,n')  $\alpha$

49-In-122m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

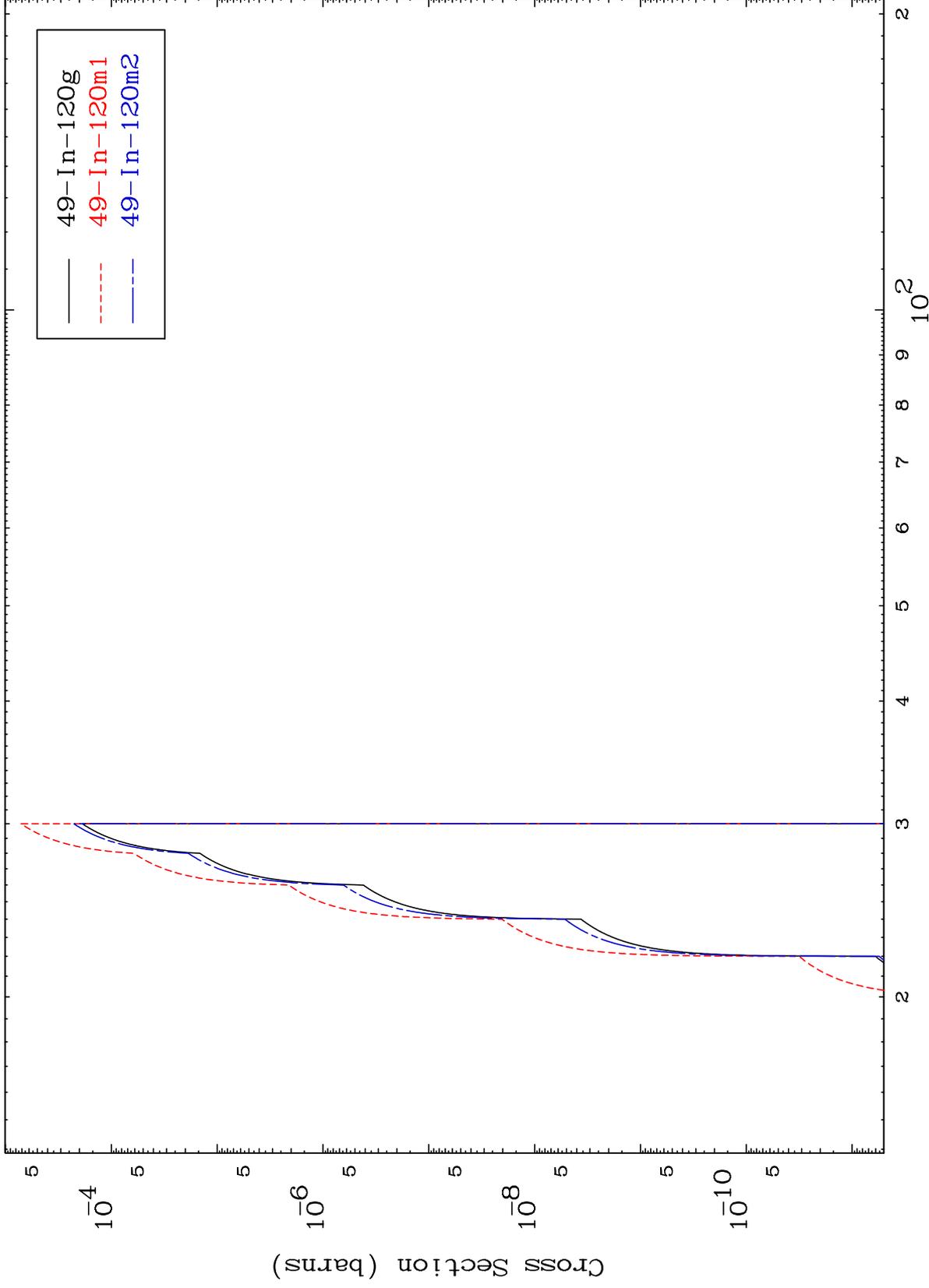
49-In-122m

MAT 4953

(n,2n)  $\alpha$

49-In-122m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

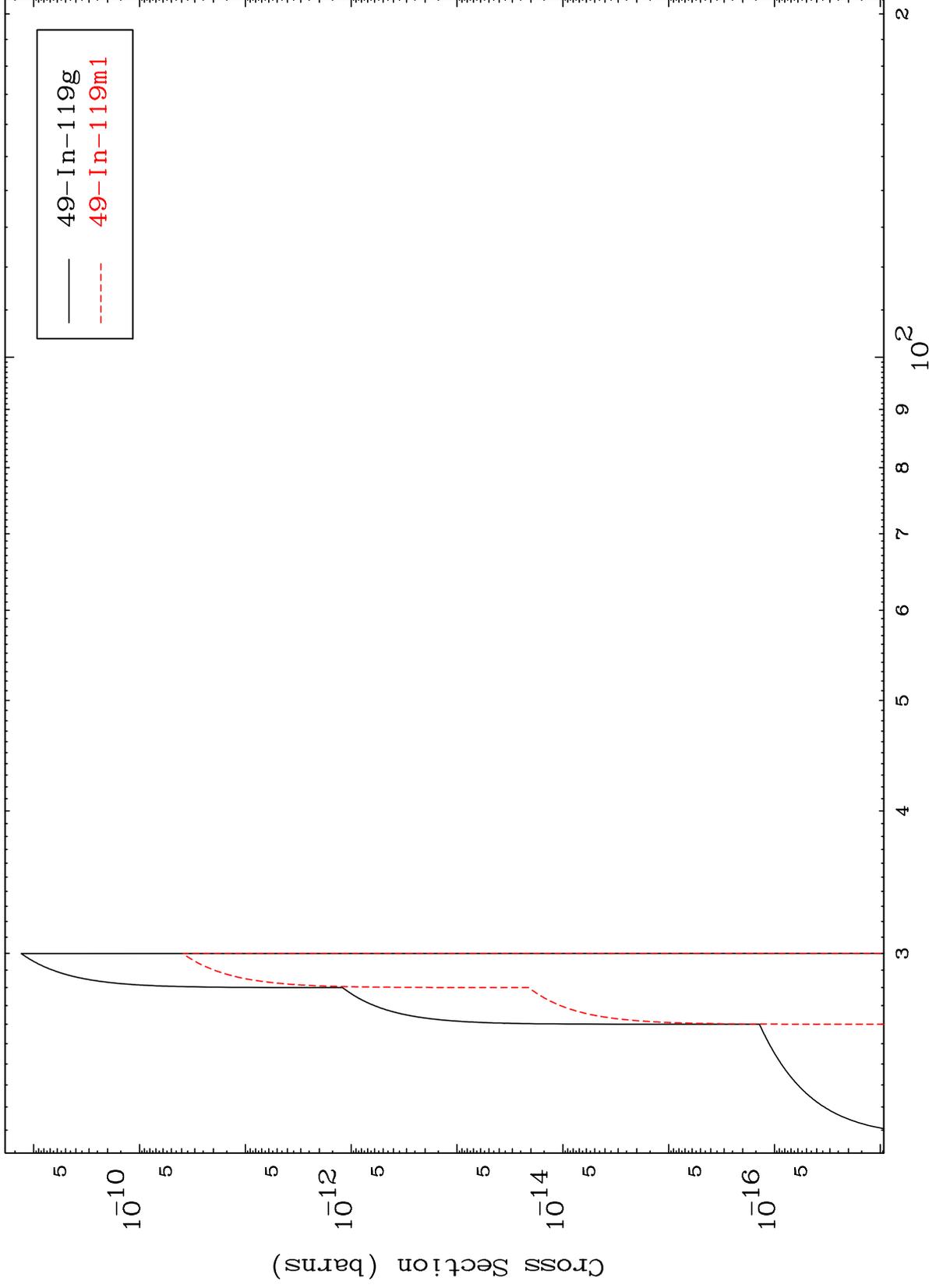
49-In-122m

MAT 4953

(n,3n)  $\alpha$

49-In-122m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

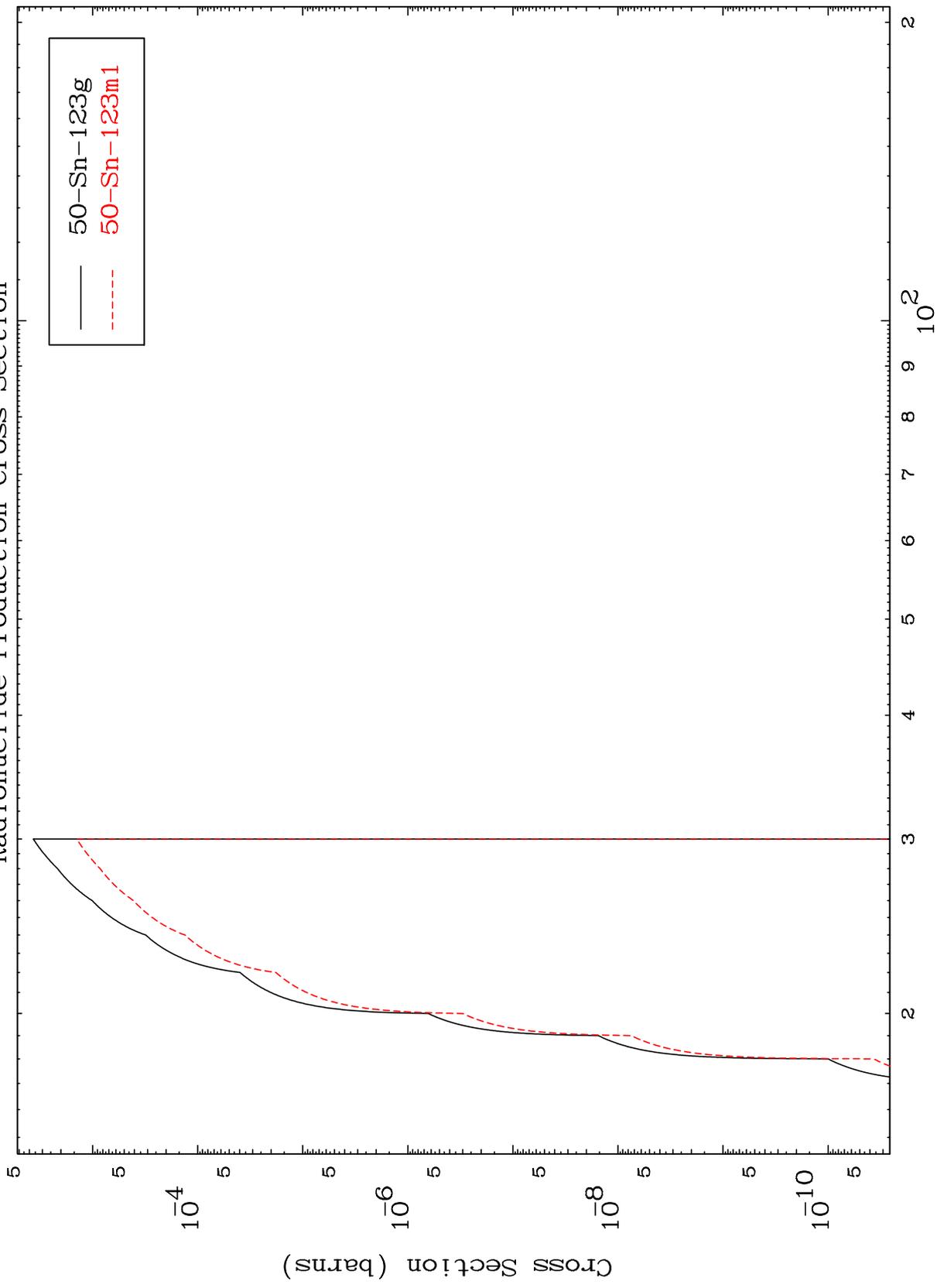
49-In-122m

MAT 4953

(n,n') d

49-In-122m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

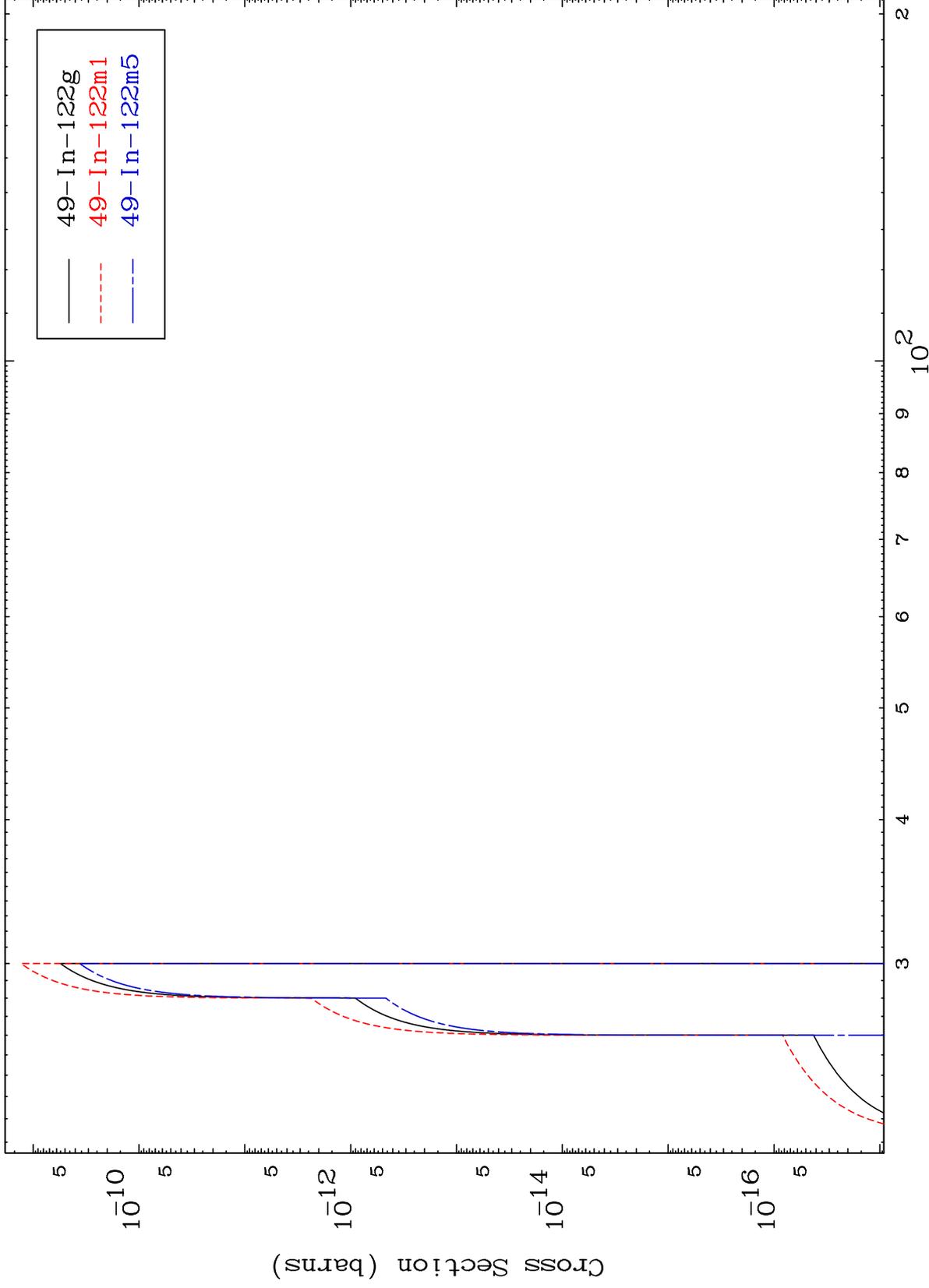
49-In-122m

MAT 4953

(n,n') He-3

49-In-122m

Radionuclide Production Cross Section



16

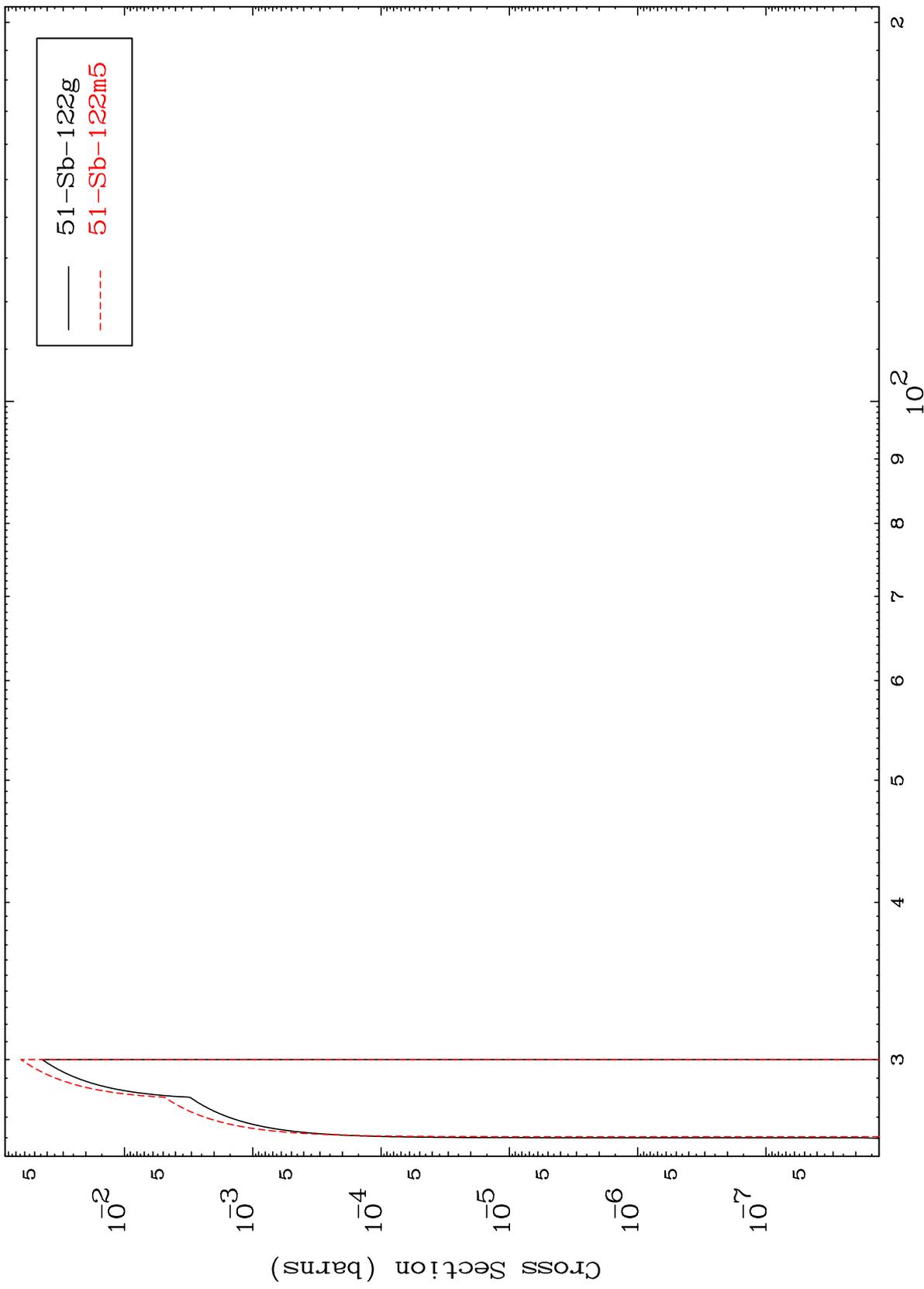
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

(n,4n)  
Radionuclide Production Cross Section



17

49-In-122m

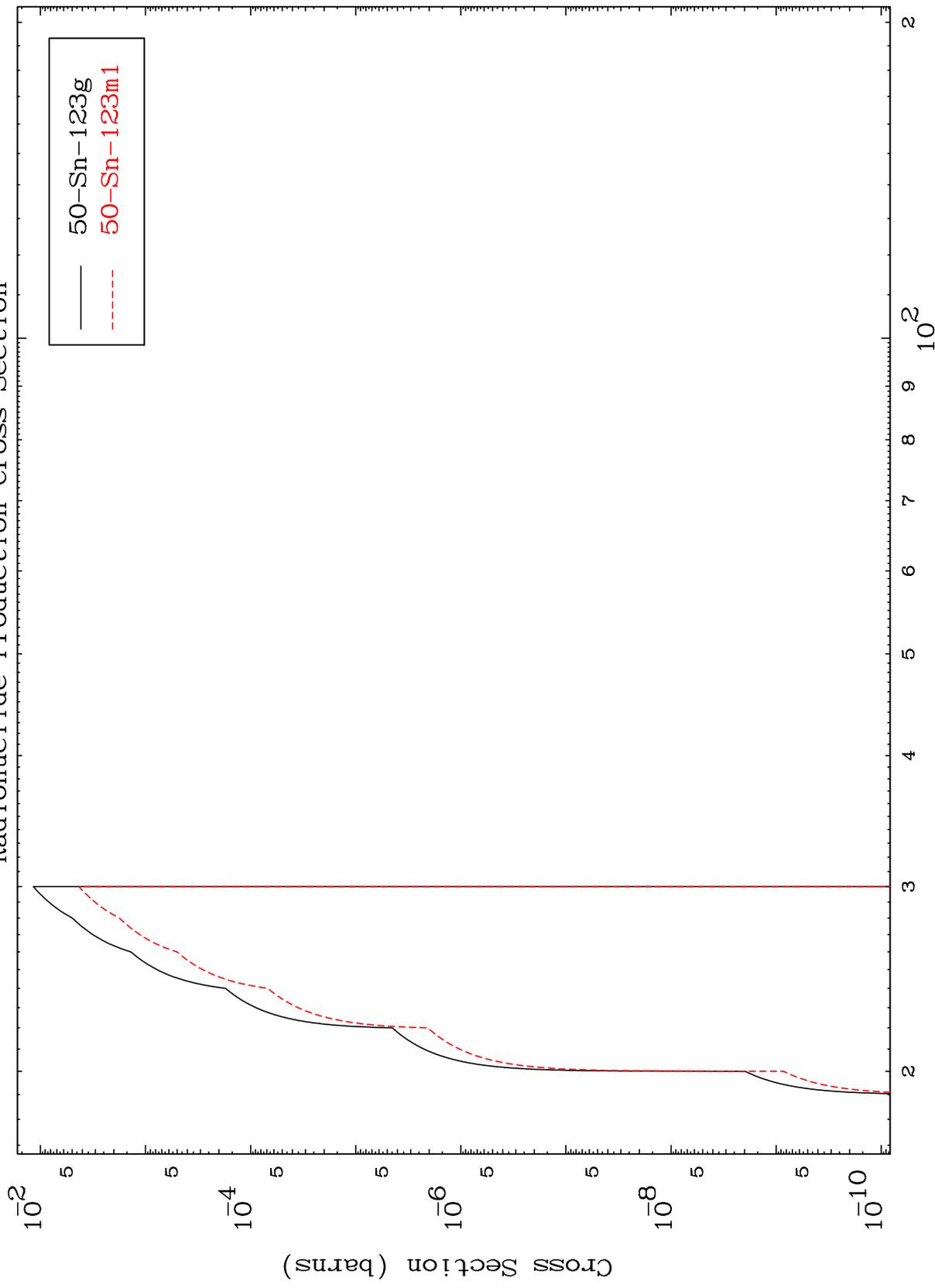
Incident Energy (MeV)

MAT 4953

(n,2n) p

49-In-122m

Radionuclide Production Cross Section



18

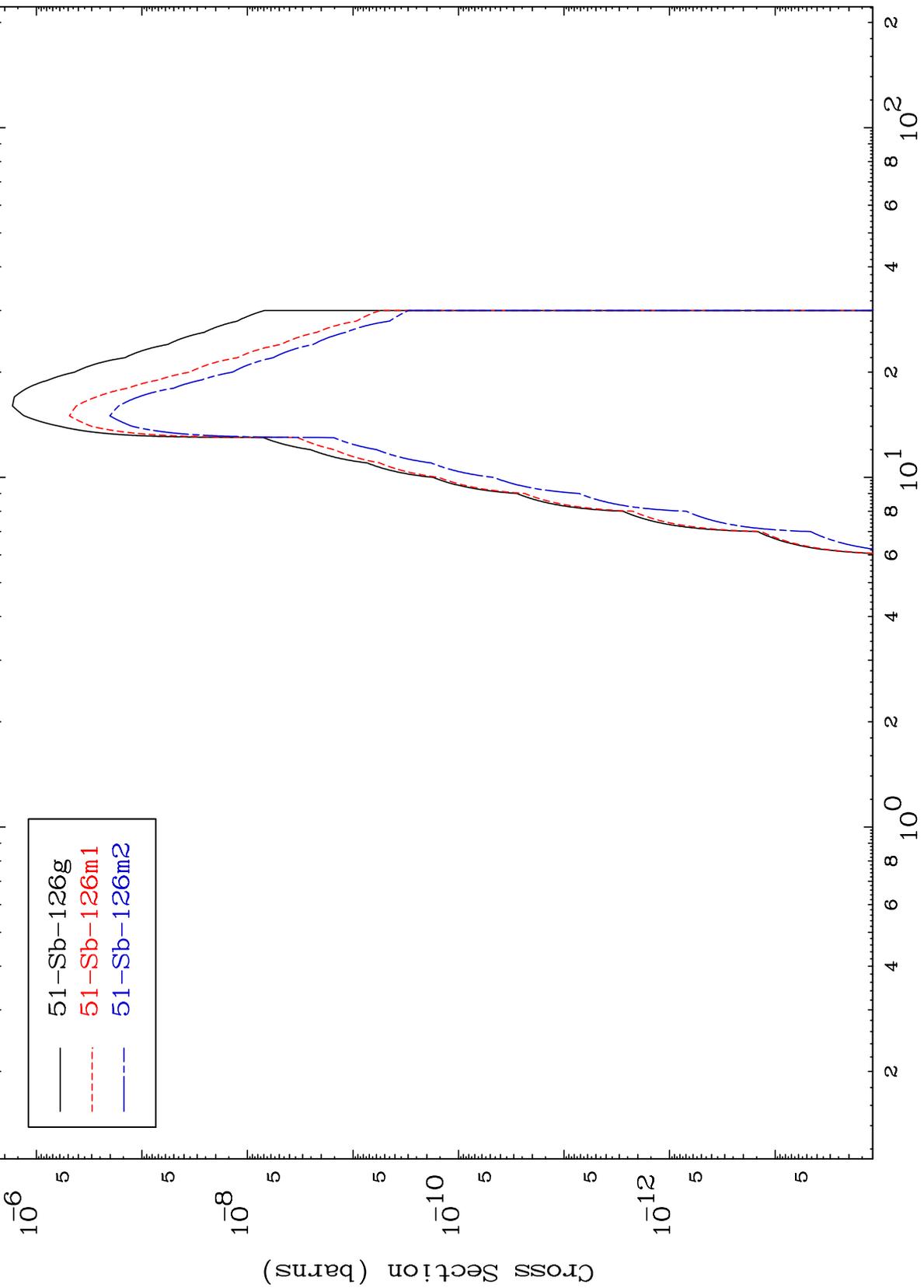
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

Radionuclide Production Cross Section

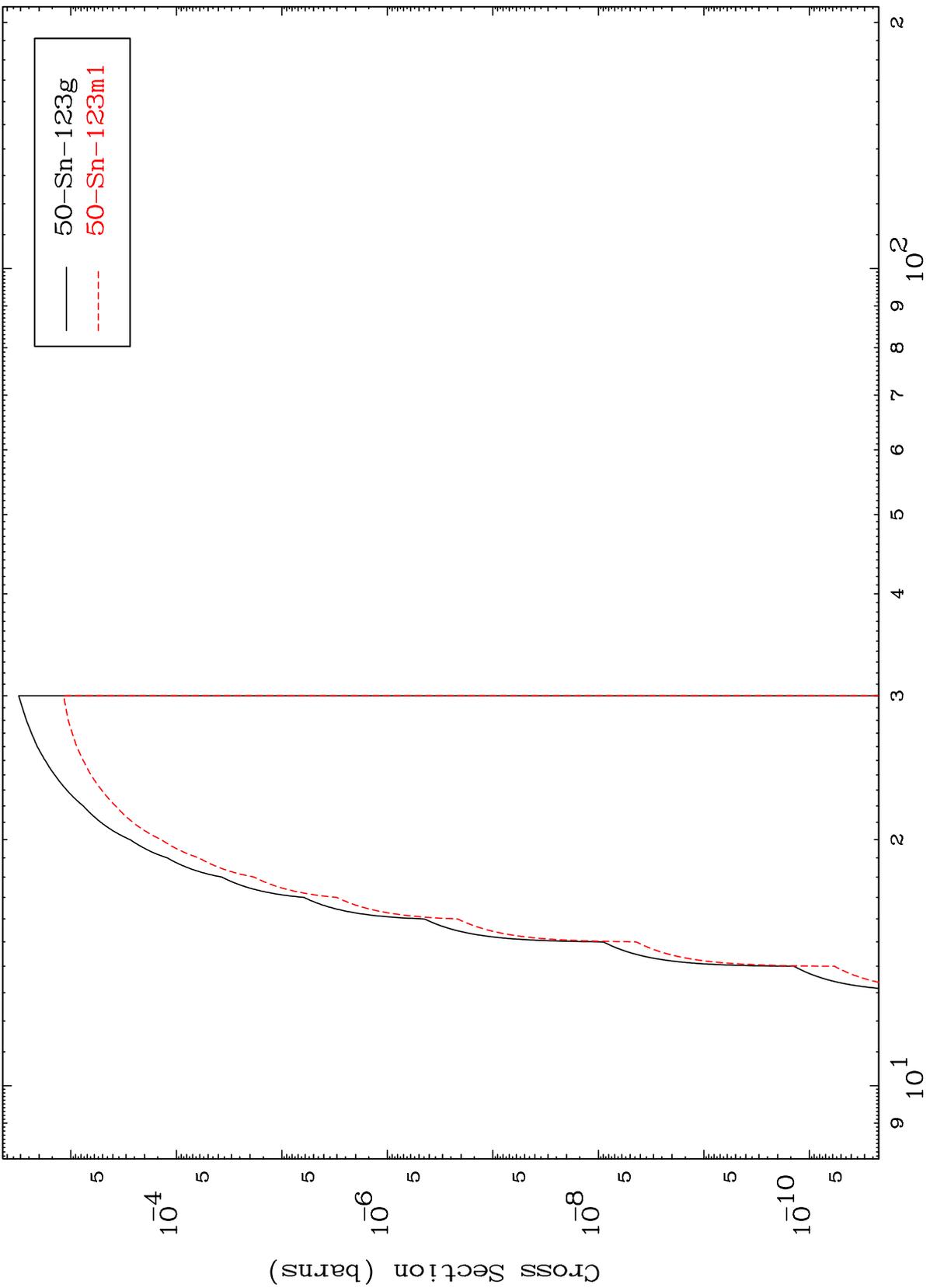




MAT 4953

49-In-122m

(n, t)  
Radionuclide Production Cross Section



21

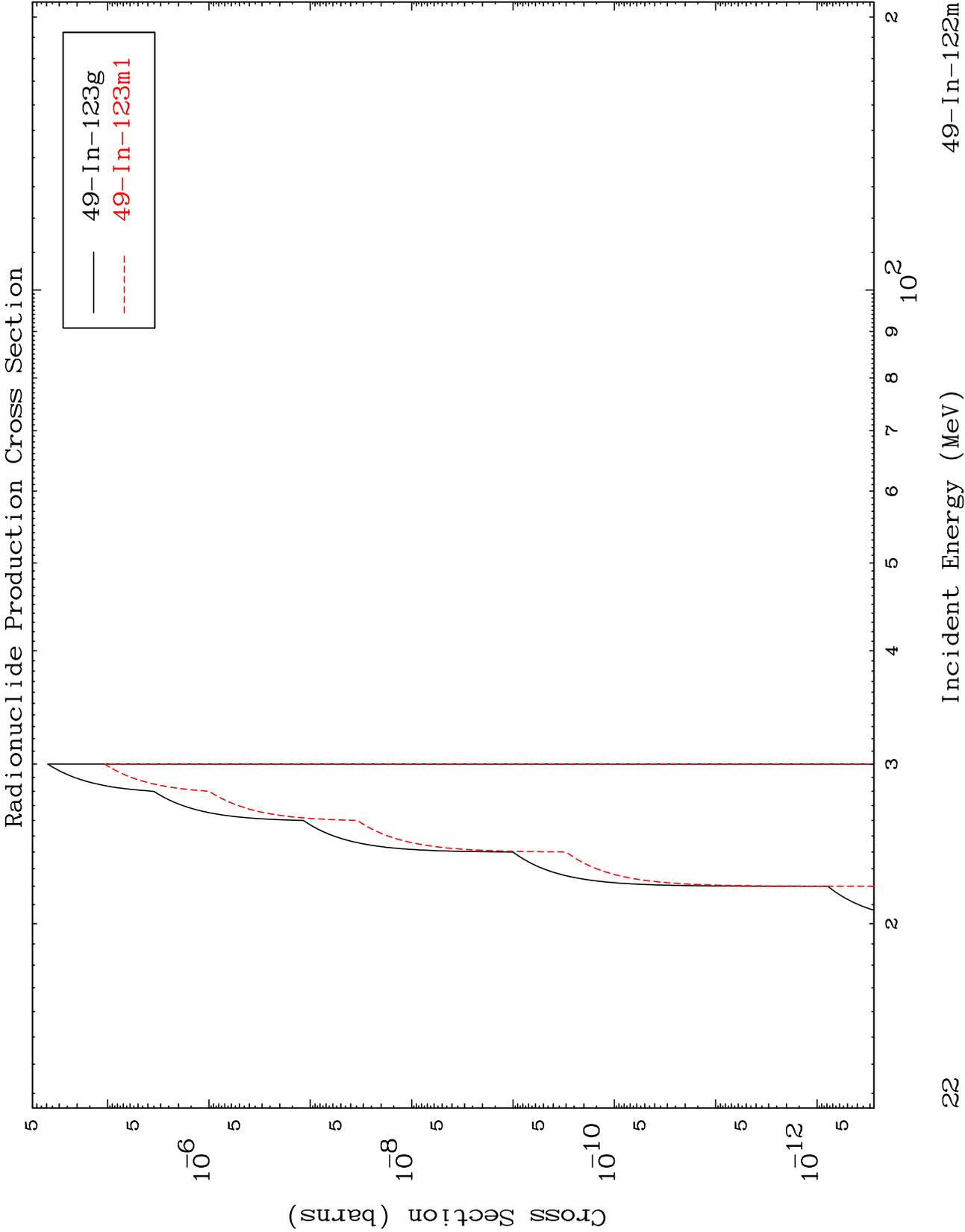
Incident Energy (MeV)

49-In-122m

MAT 4953

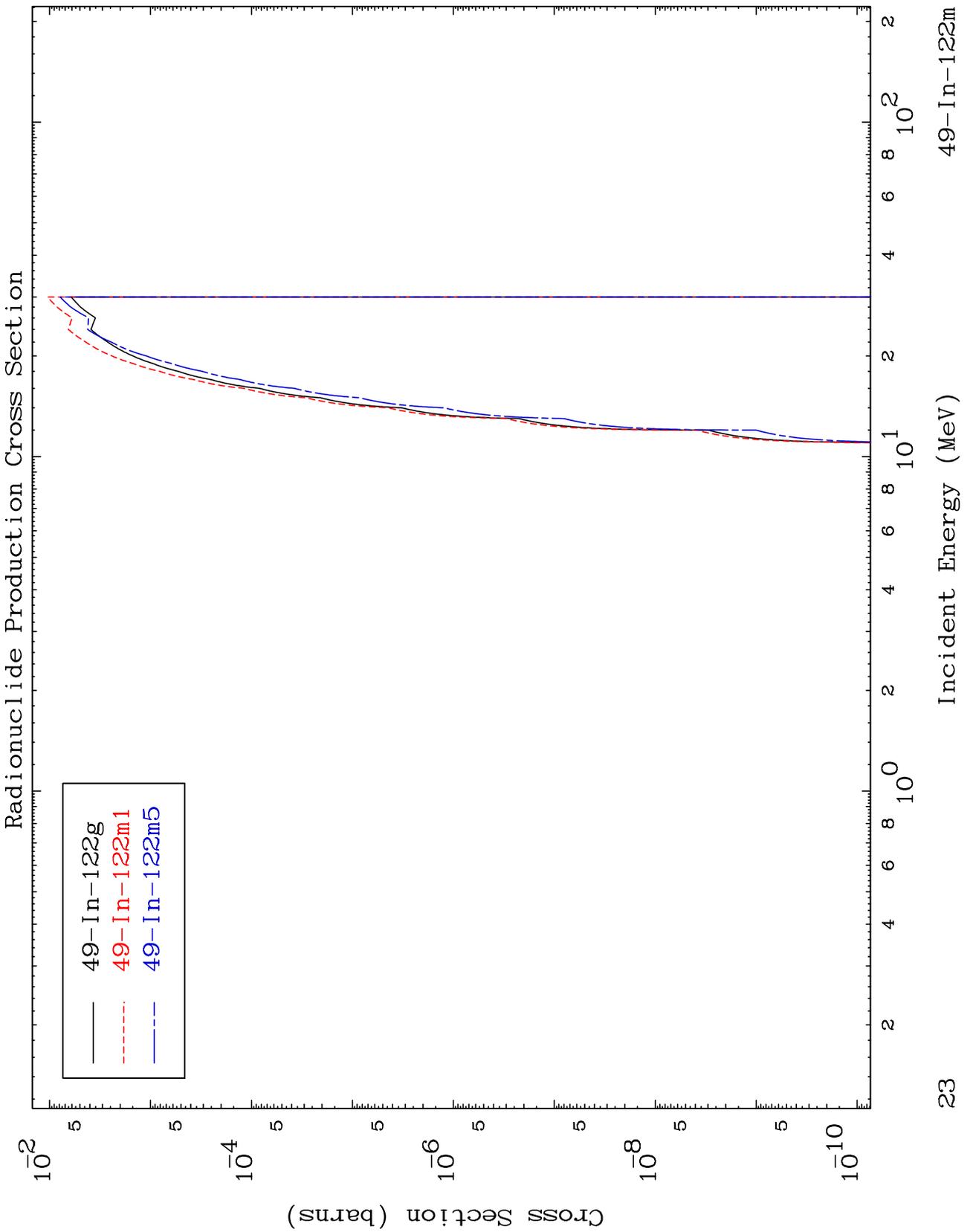
(n,He-3)

49-In-122m



MAT 4953

49-In-122m

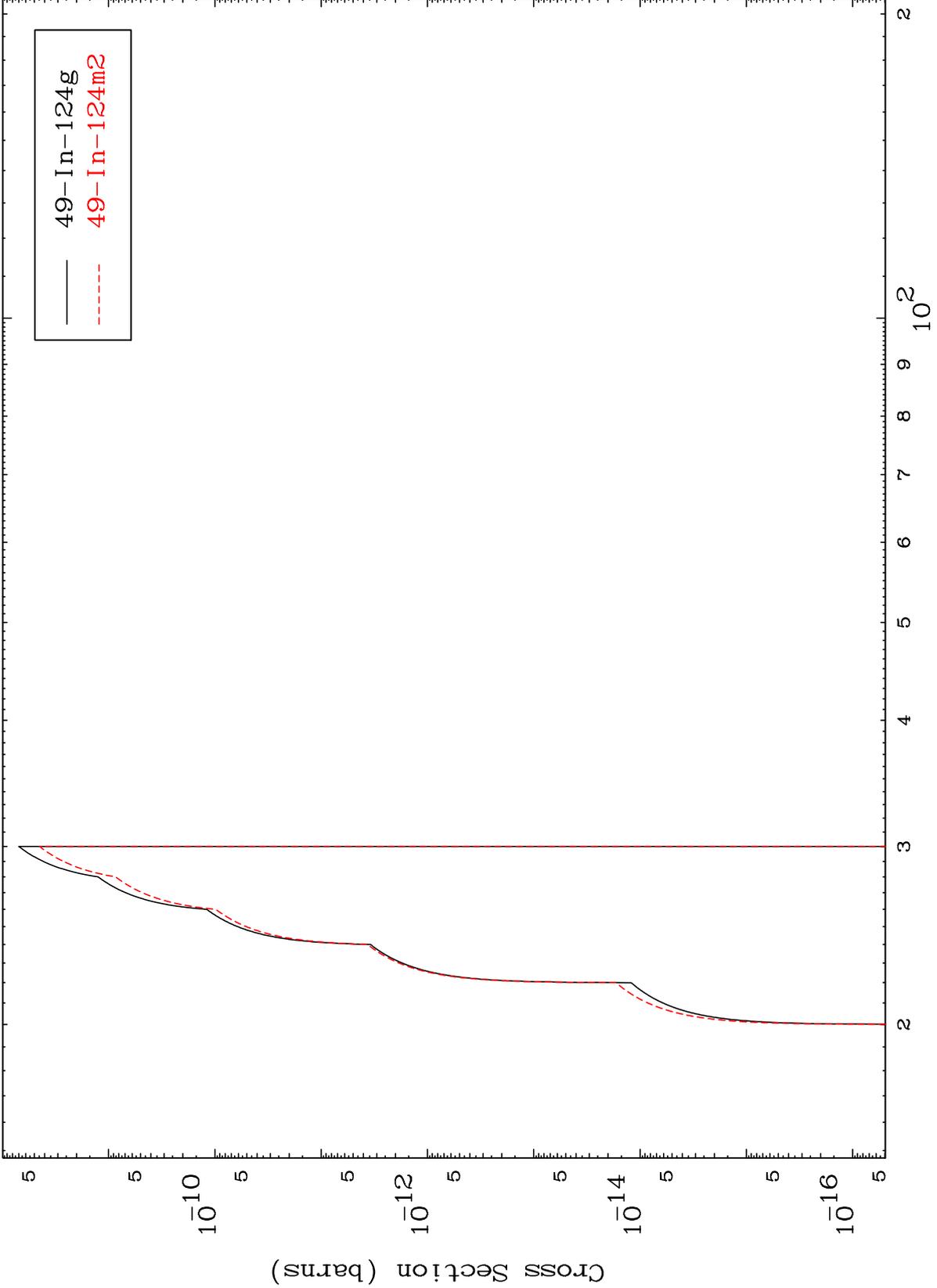


MAT 4953

(n,2p)

49-In-122m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

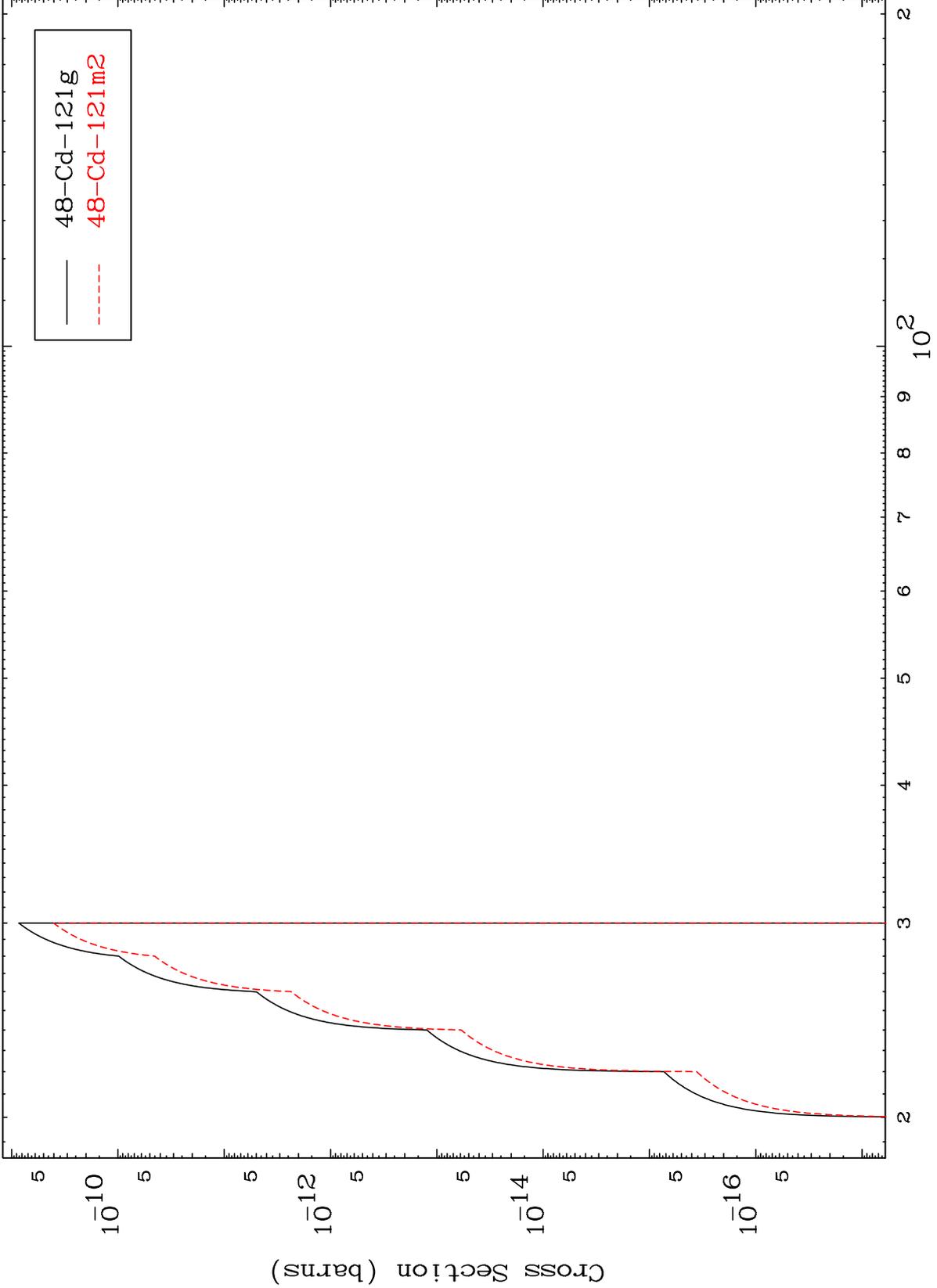
49-In-122m

MAT 4953

(n,p)  $\alpha$

49-In-122m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-122m