

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

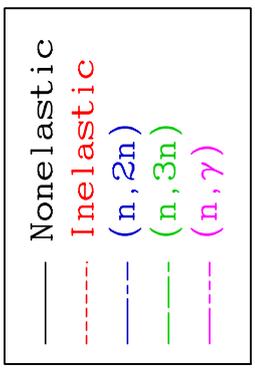
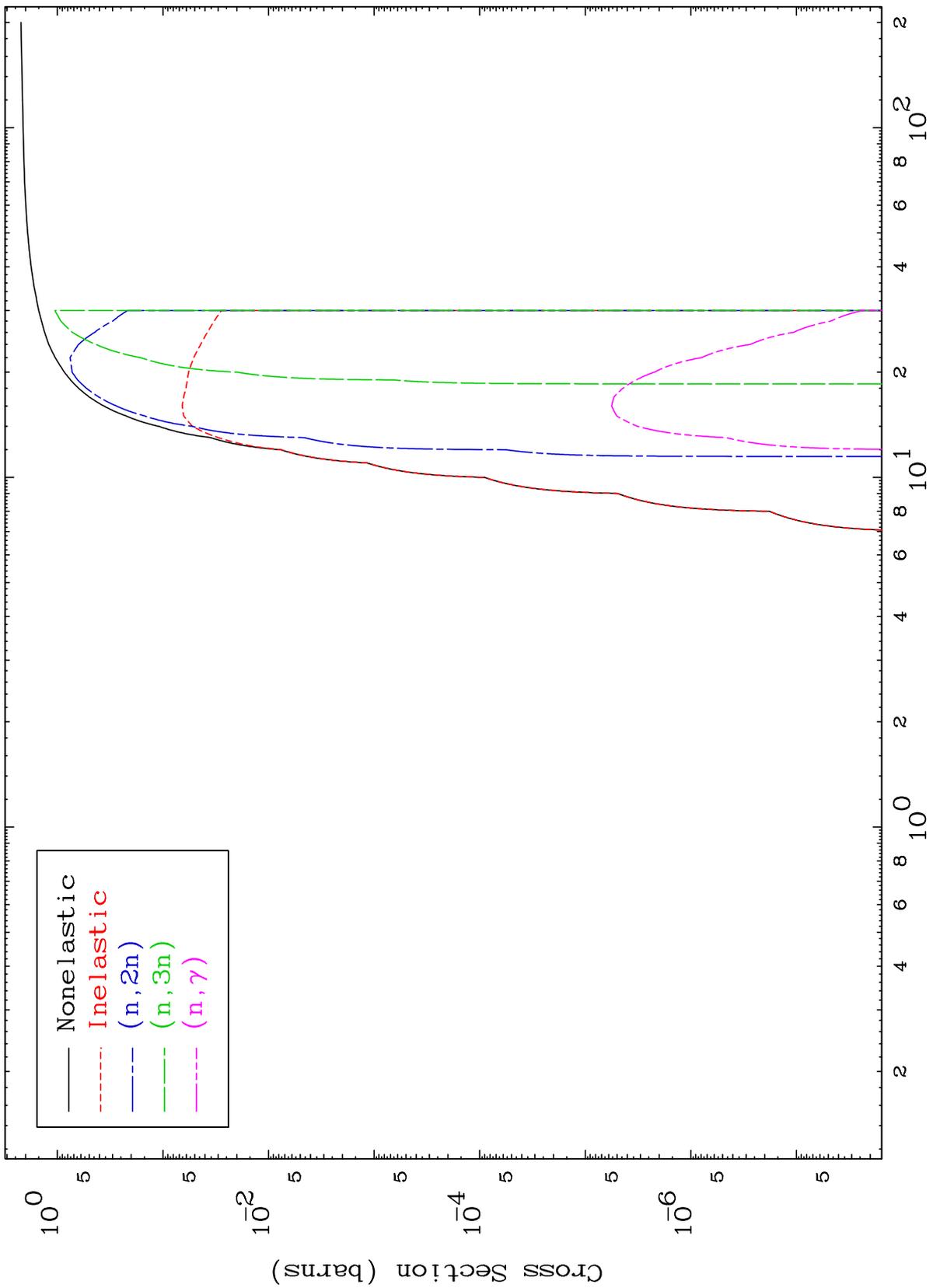
Press Mouse Button to Start

MAT 4946

$\alpha$  Major

49-In-120

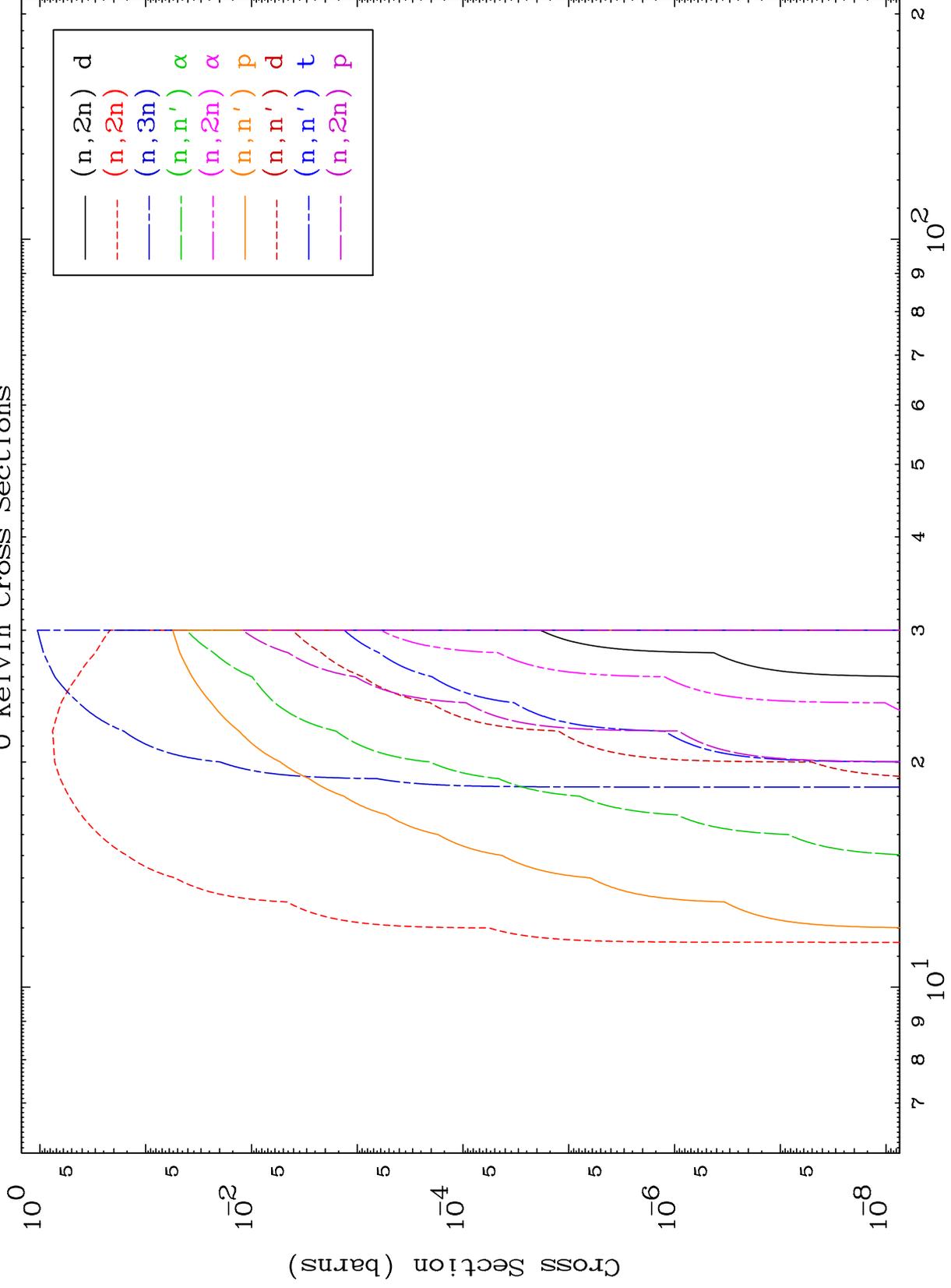
0 Kelvin Cross Sections



49-In-120

Incident Energy (MeV)

1

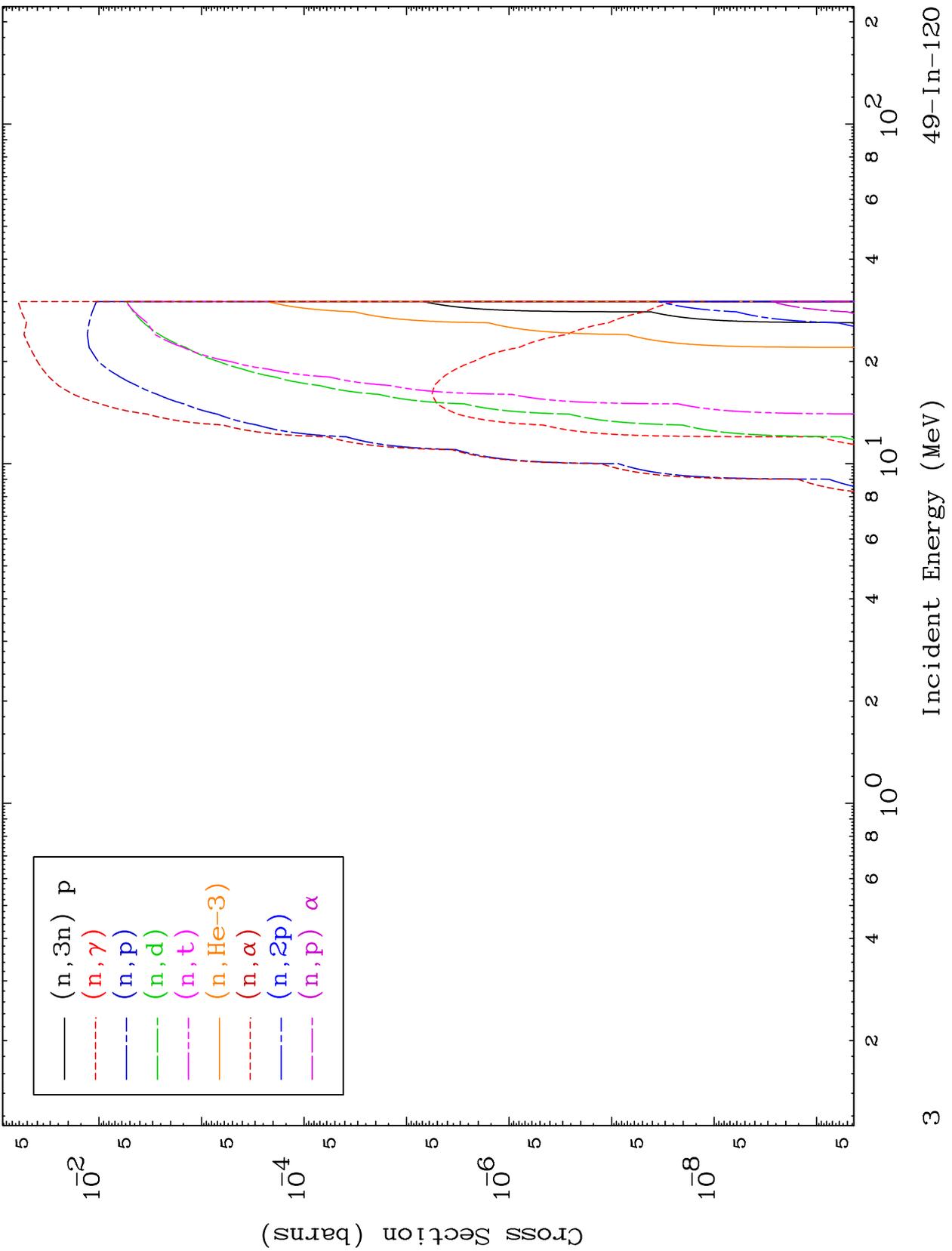


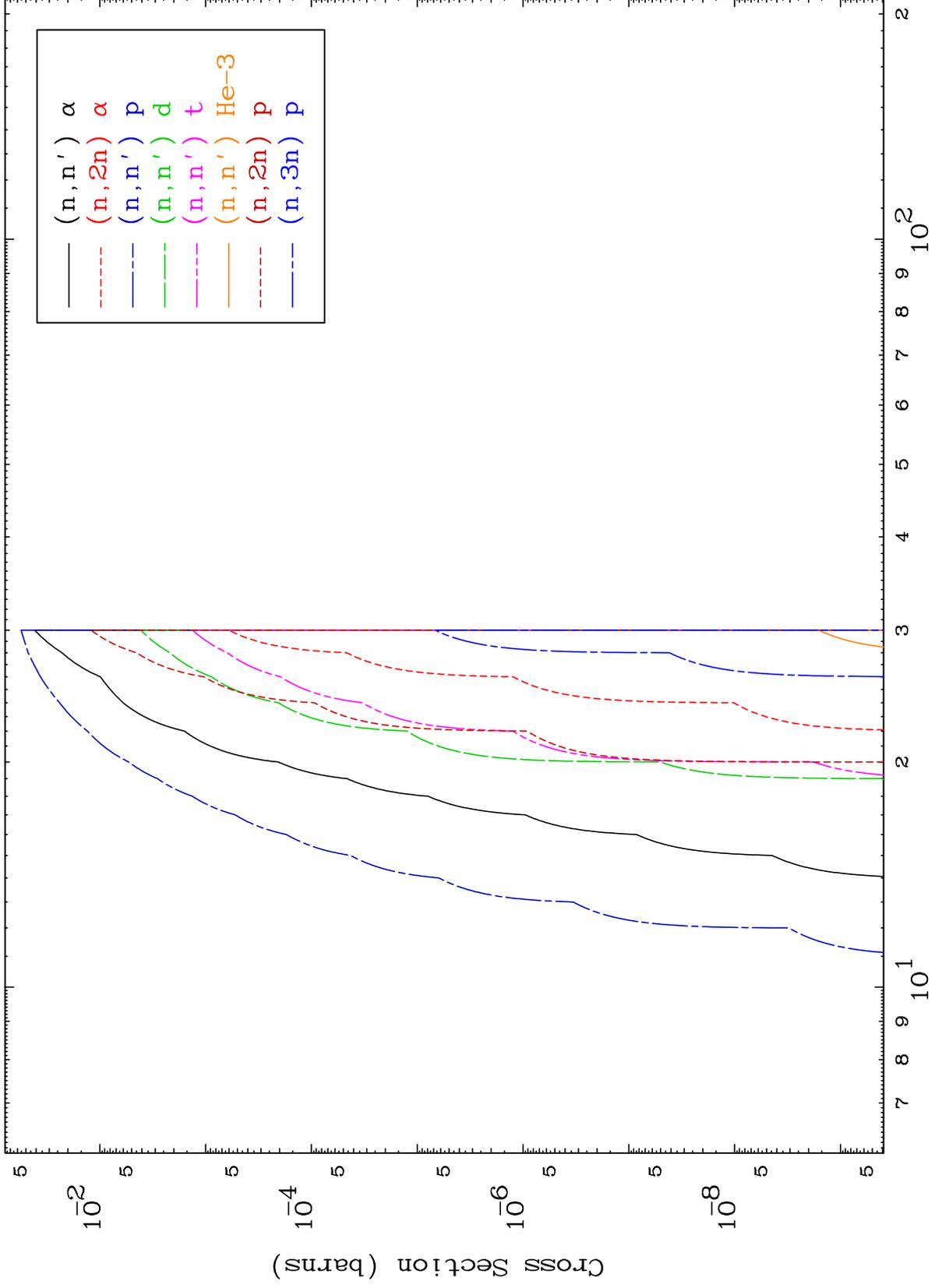
MAT 4946

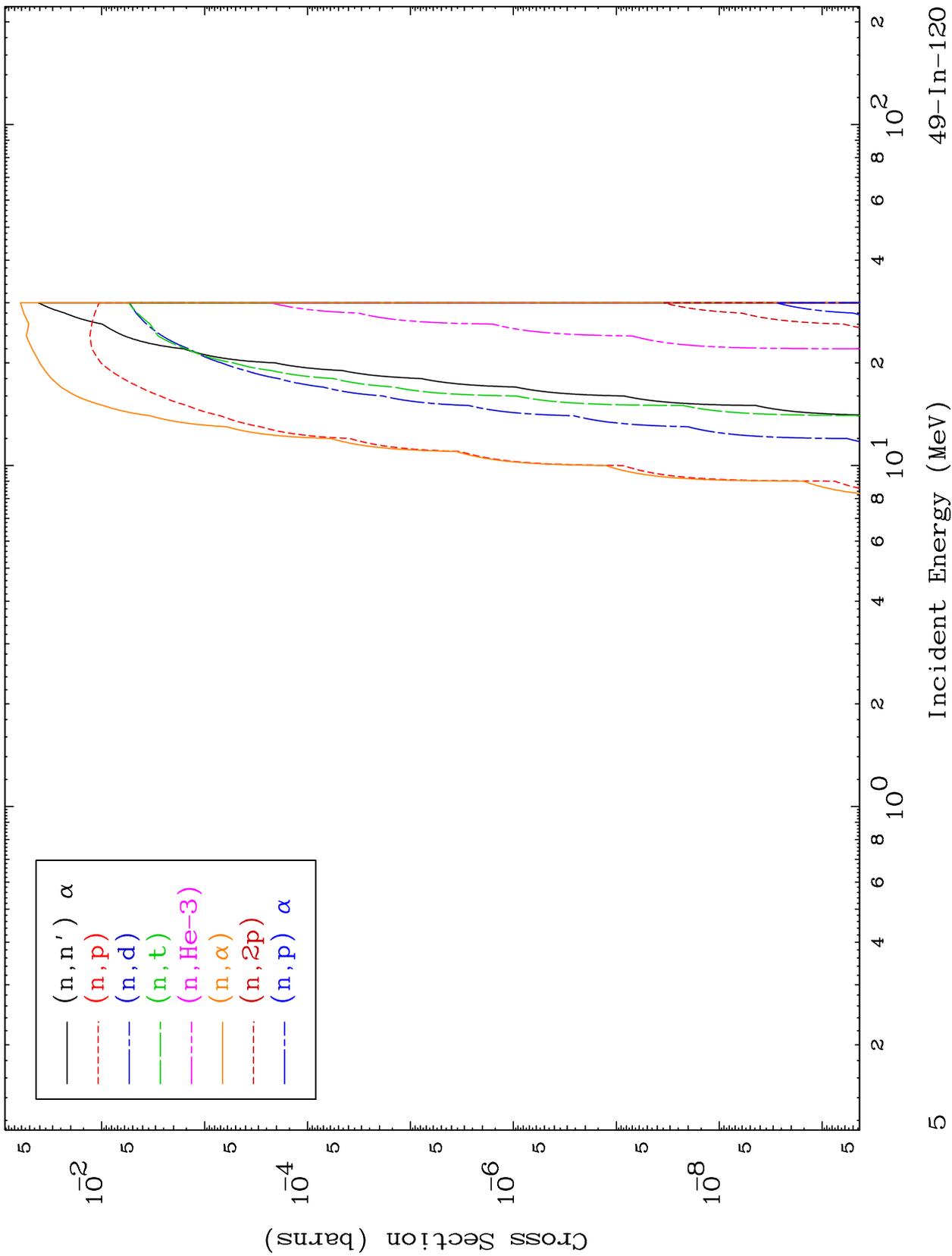
$\alpha$  Neutron Absorption

49-In-120

0 Kelvin Cross Sections





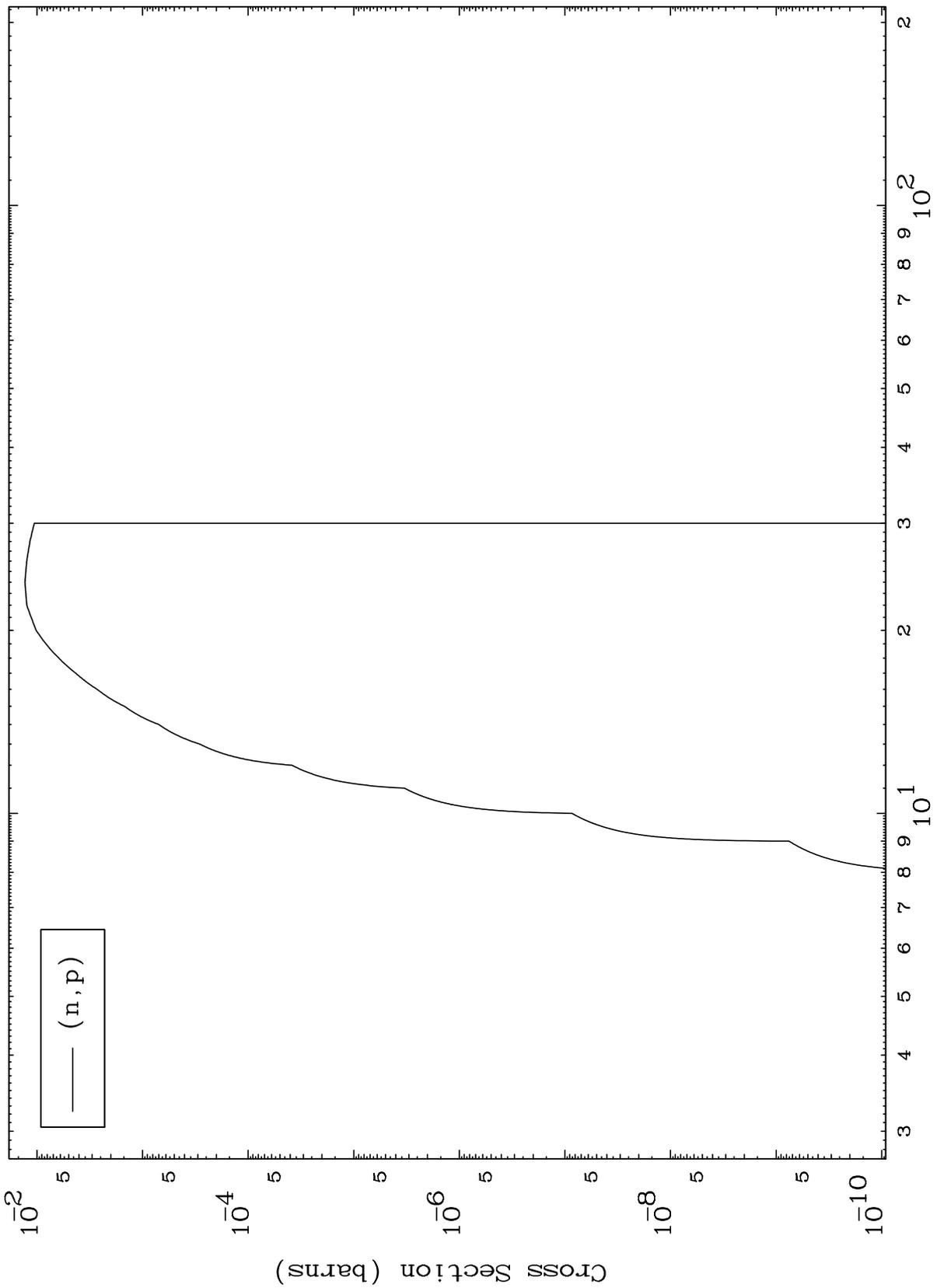


MAT 4946

( $\alpha, p$ ) Levels

49-In-120

0 Kelvin Cross Sections



6

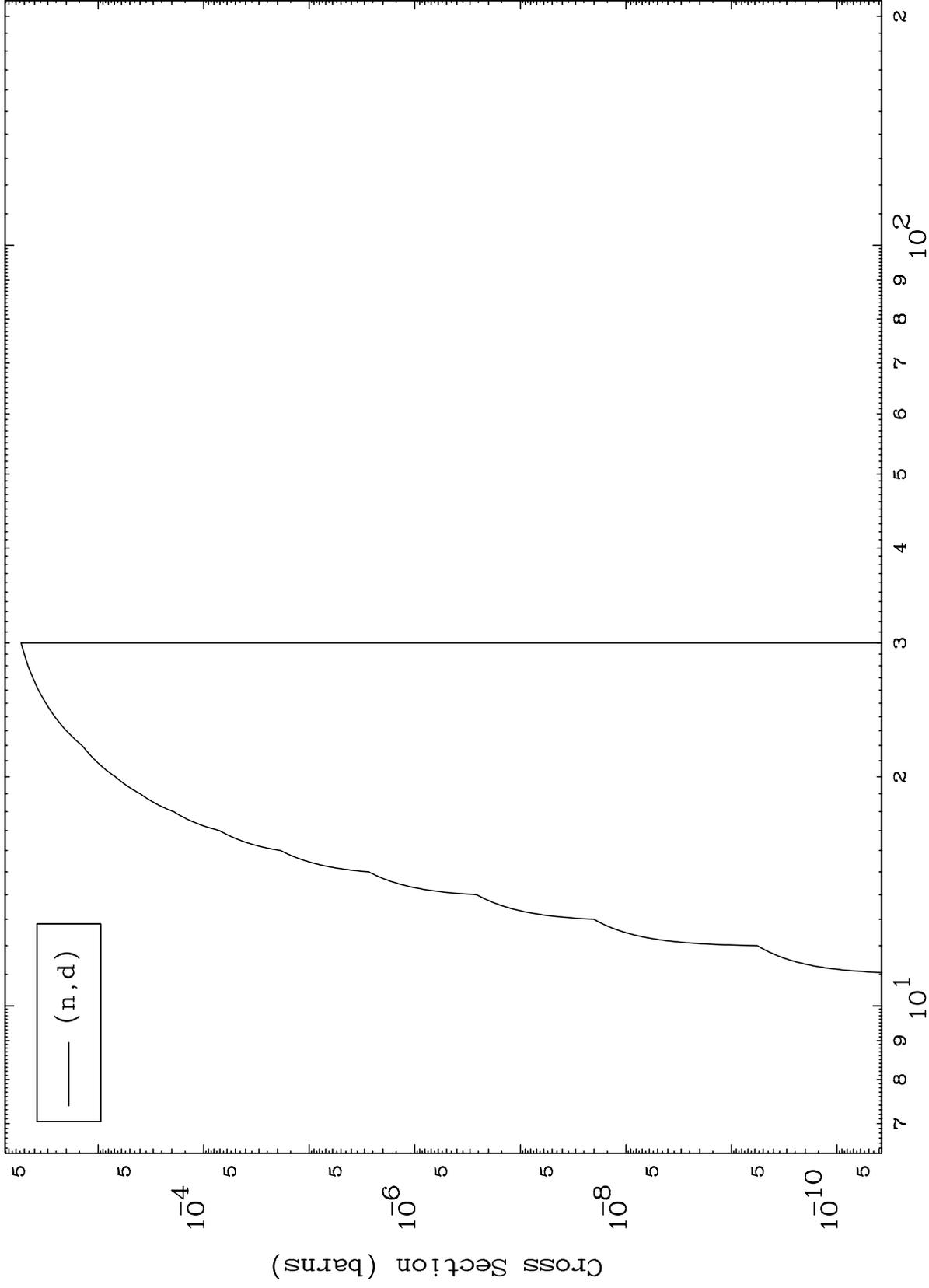
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



7

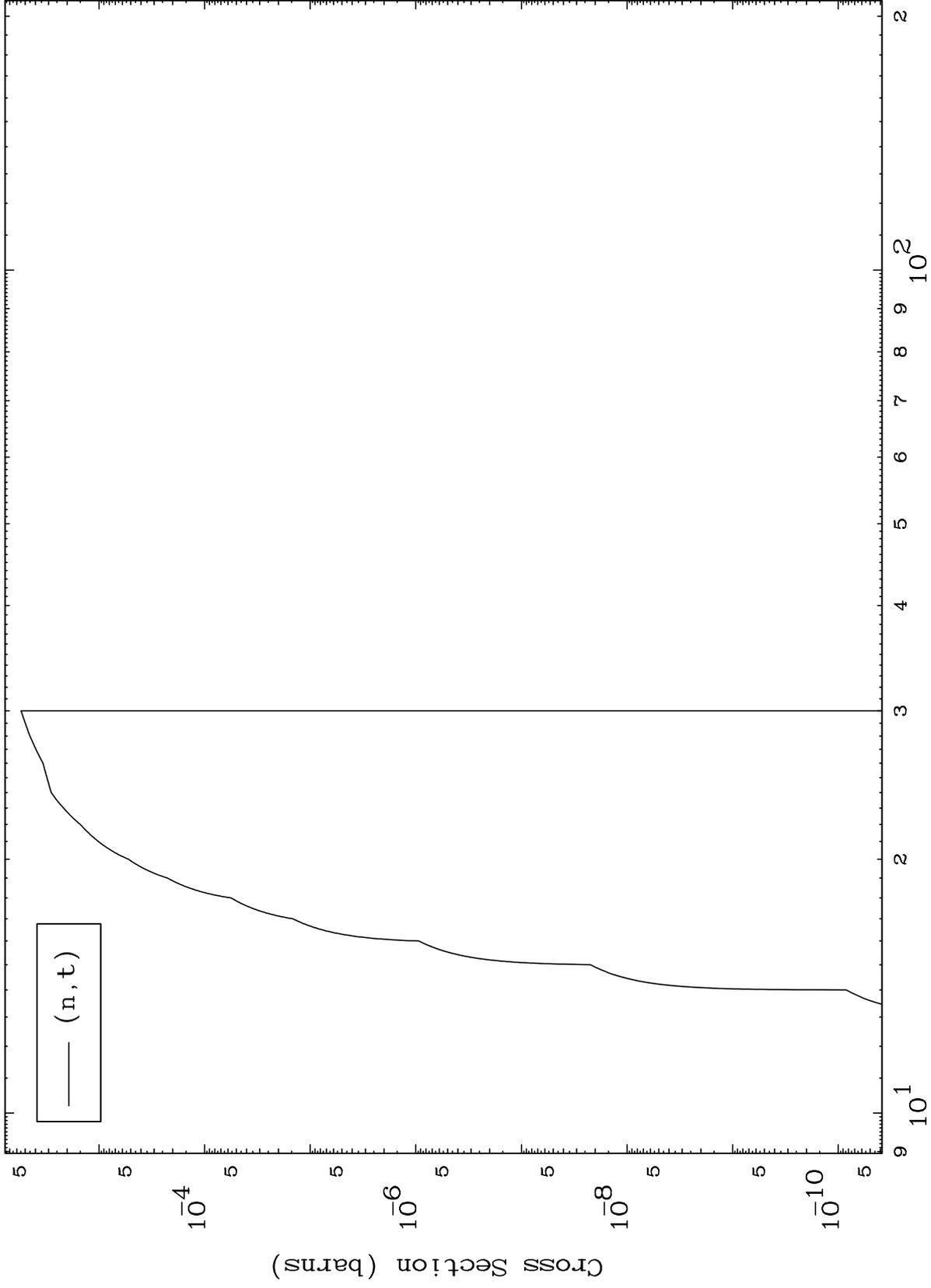
Incident Energy (MeV)

49-In-120

MAT 4946

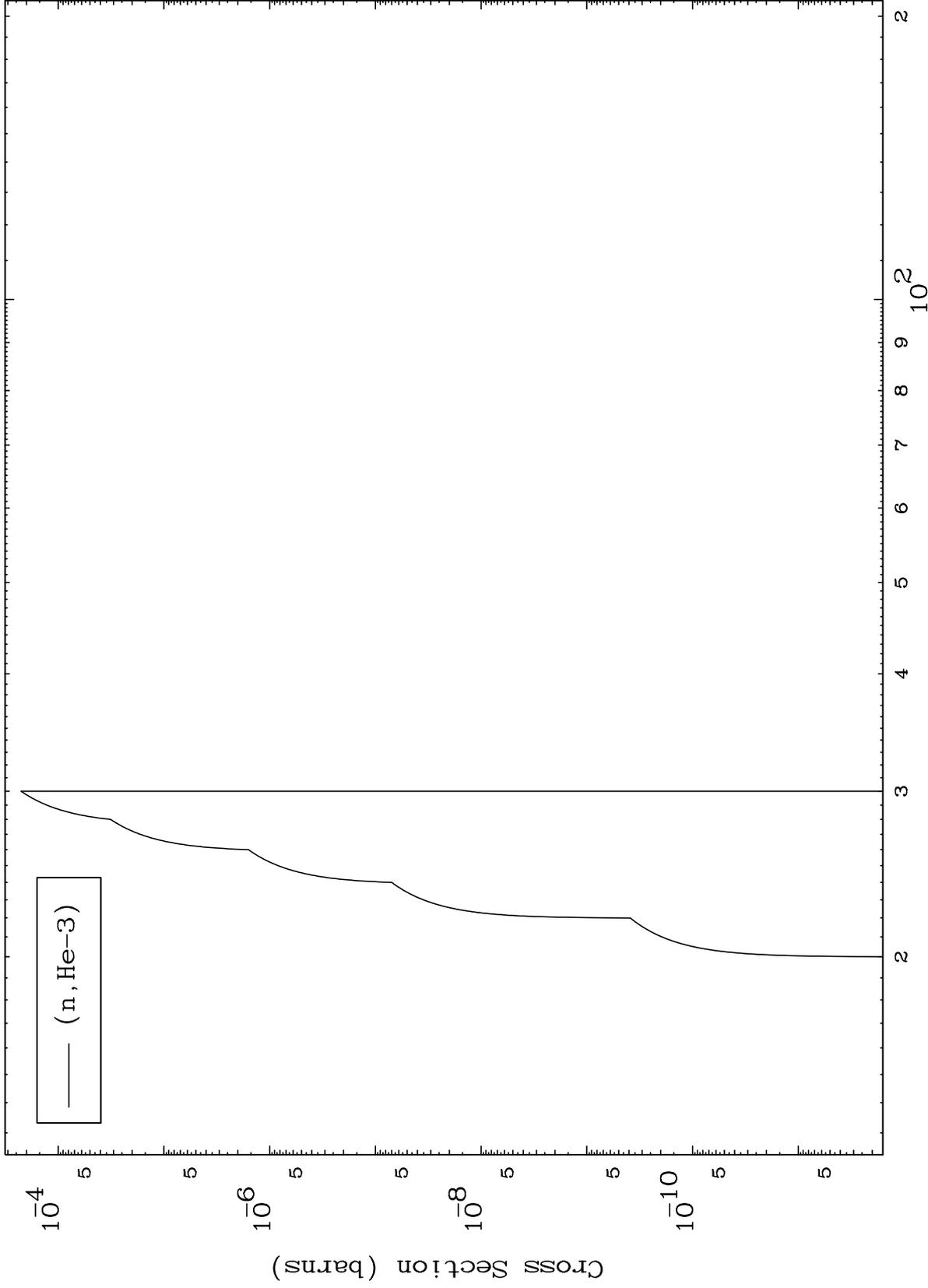
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

49-In-120



Incident Energy (MeV)

49-In-120

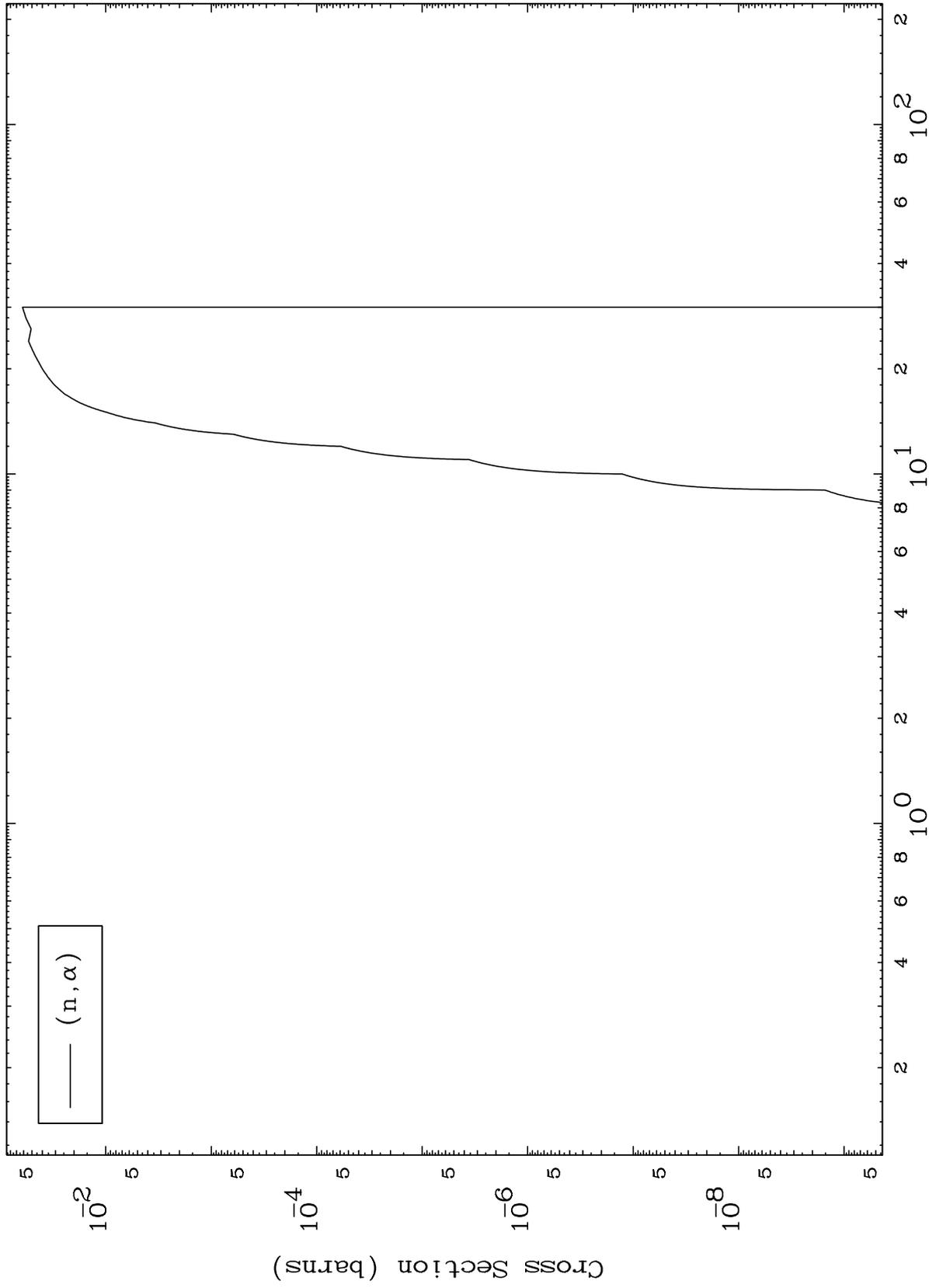


MAT 4946

( $\alpha, \alpha$ ) Levels

49-In-120

0 Kelvin Cross Sections



10

Incident Energy (MeV)

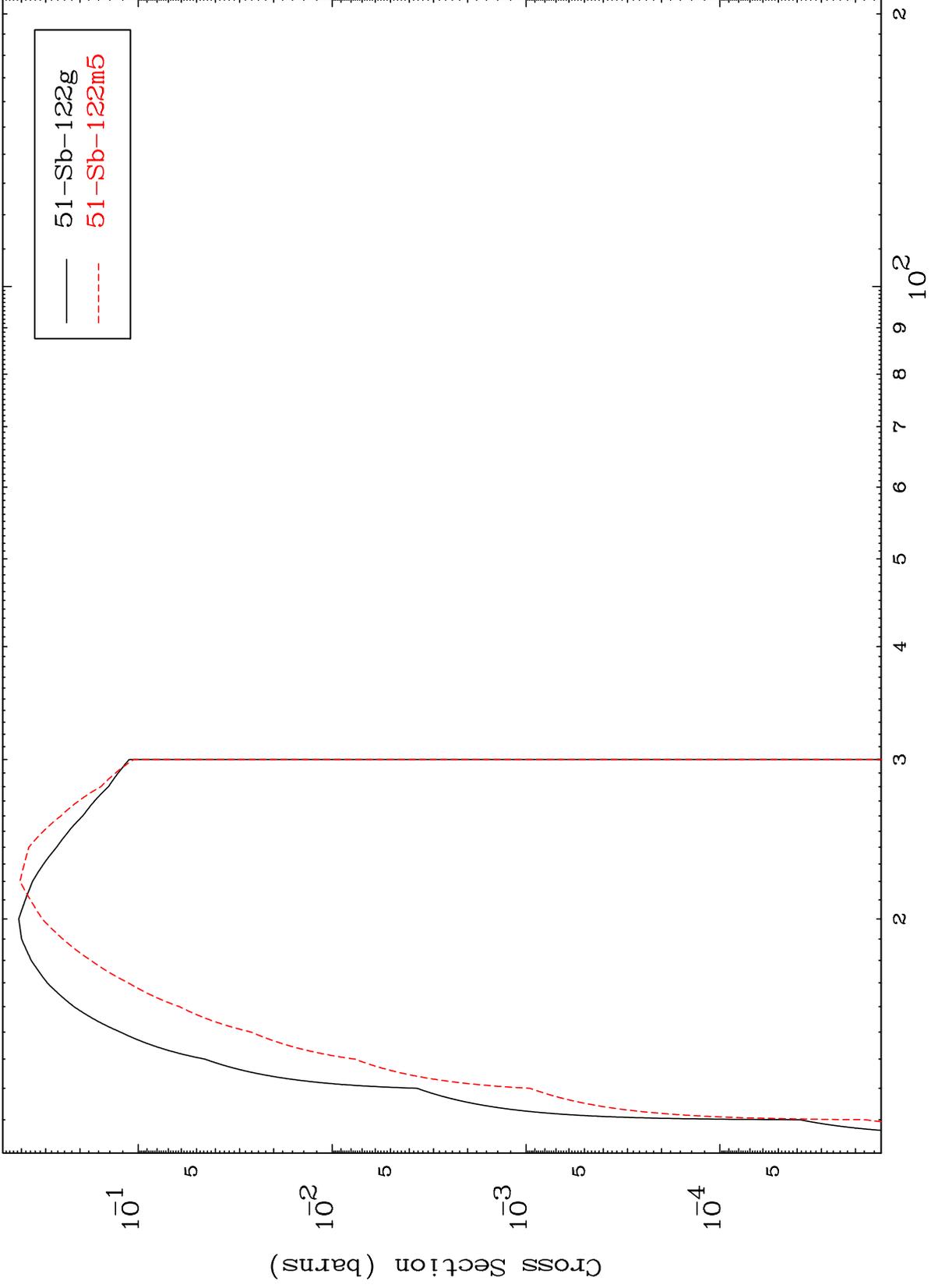
49-In-120

MAT 4946

(n,2n)

49-In-120

Radionuclide Production Cross Section

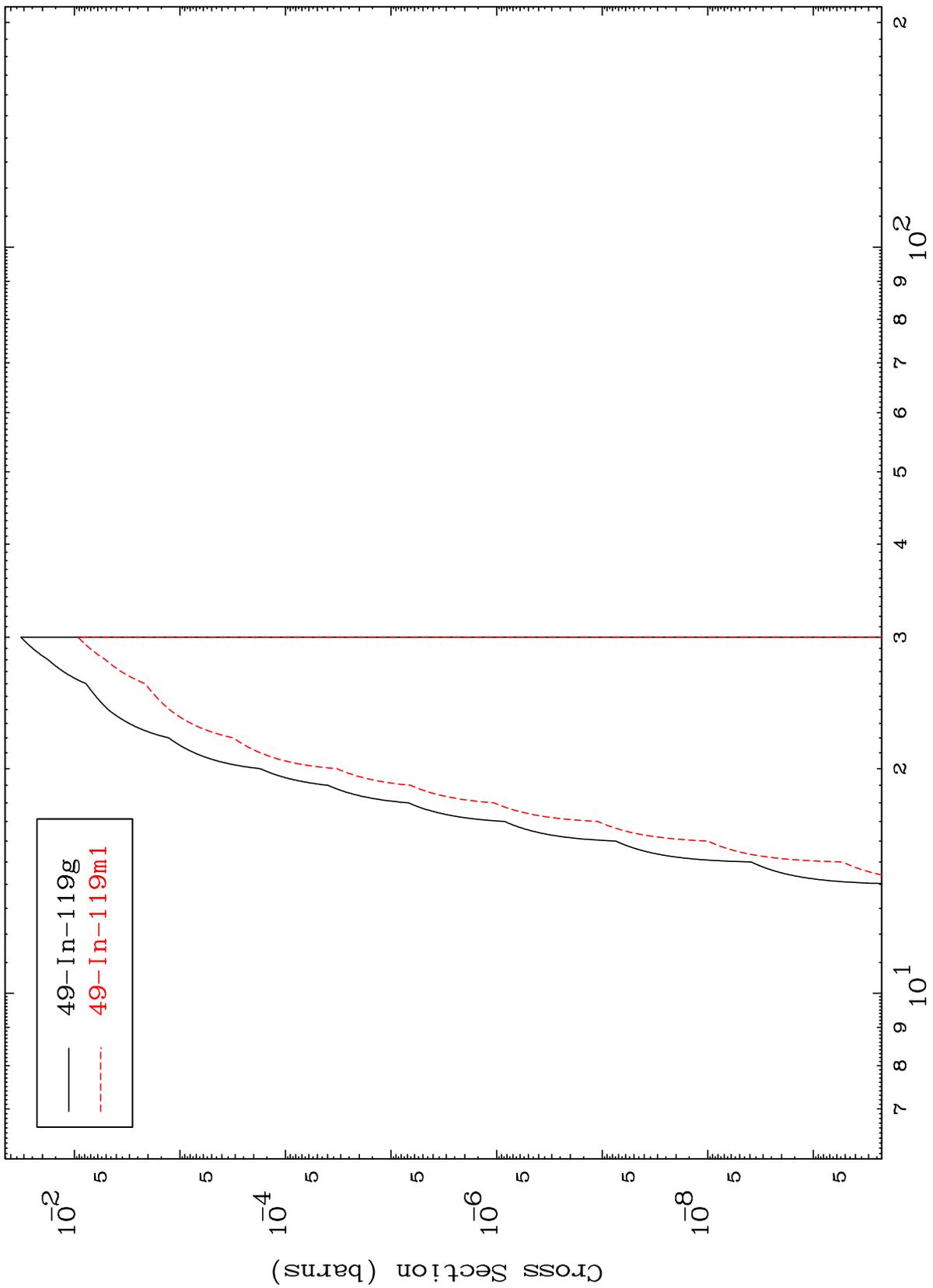


MAT 4946

(n,n')  $\alpha$

49-In-120

Radionuclide Production Cross Section



12

Incident Energy (MeV)

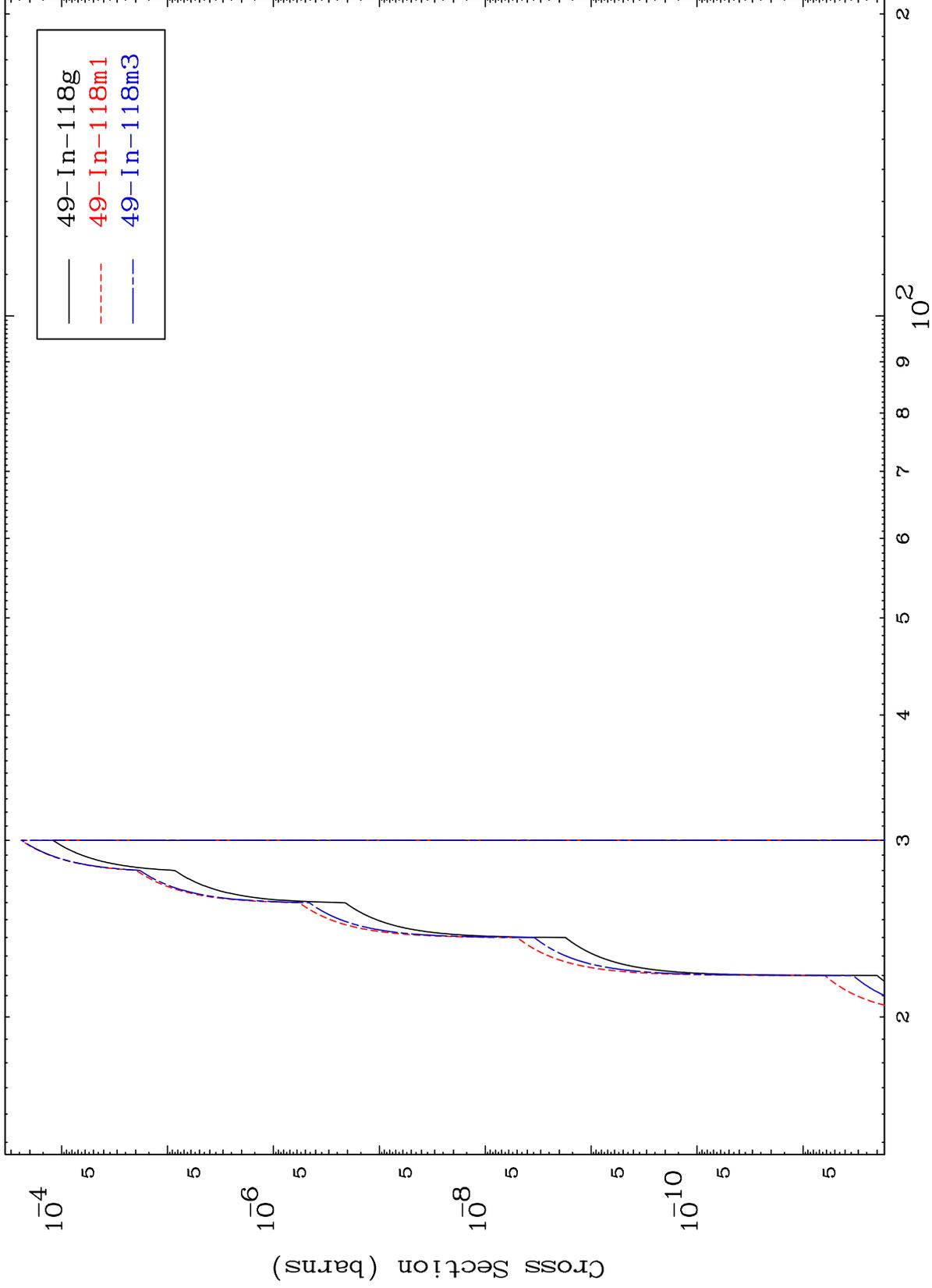
49-In-120

MAT 4946

(n,2n)  $\alpha$

49-In-120

Radionuclide Production Cross Section



13

Incident Energy (MeV)

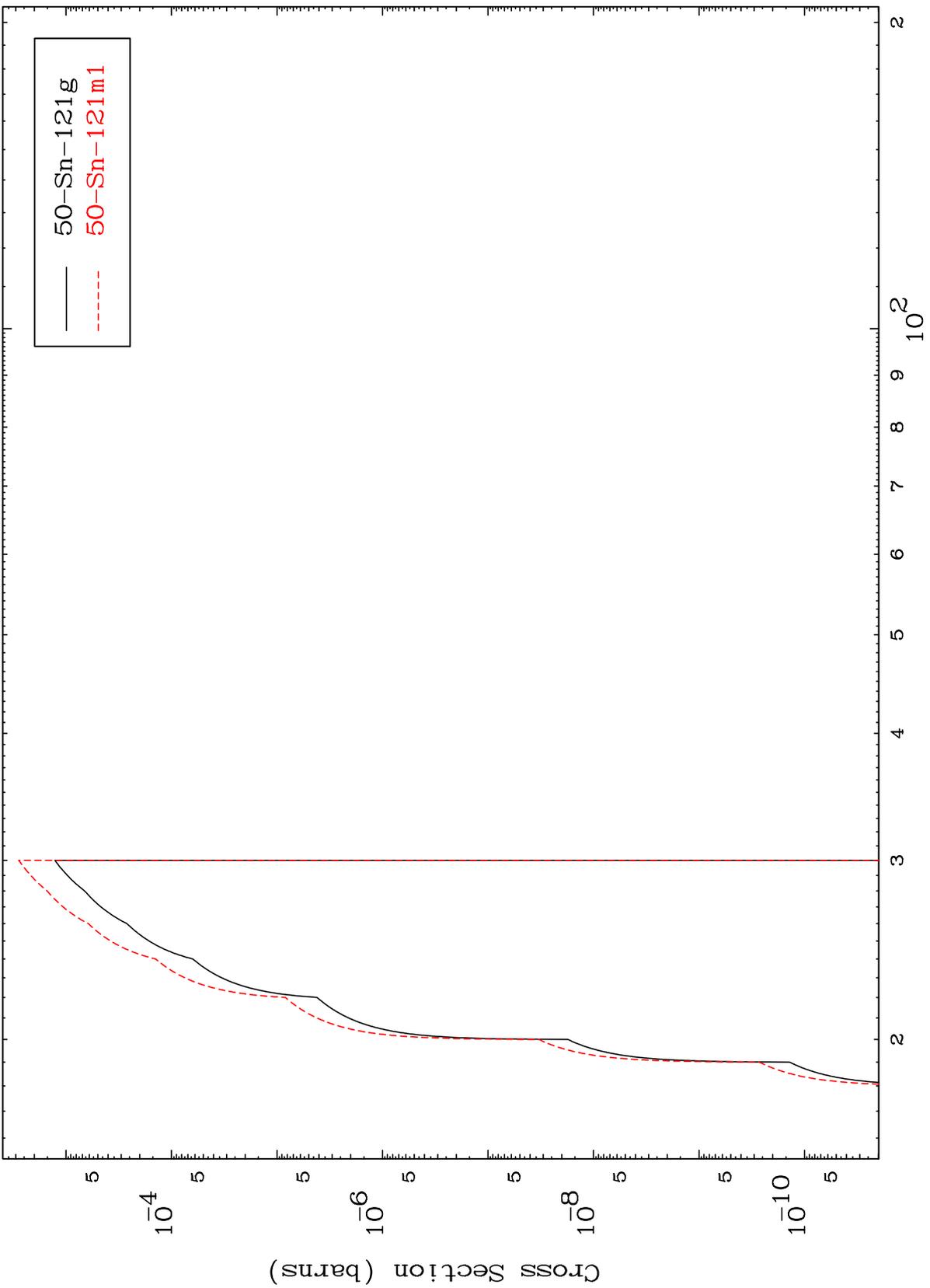
49-In-120

MAT 4946

(n,n') d

49-In-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

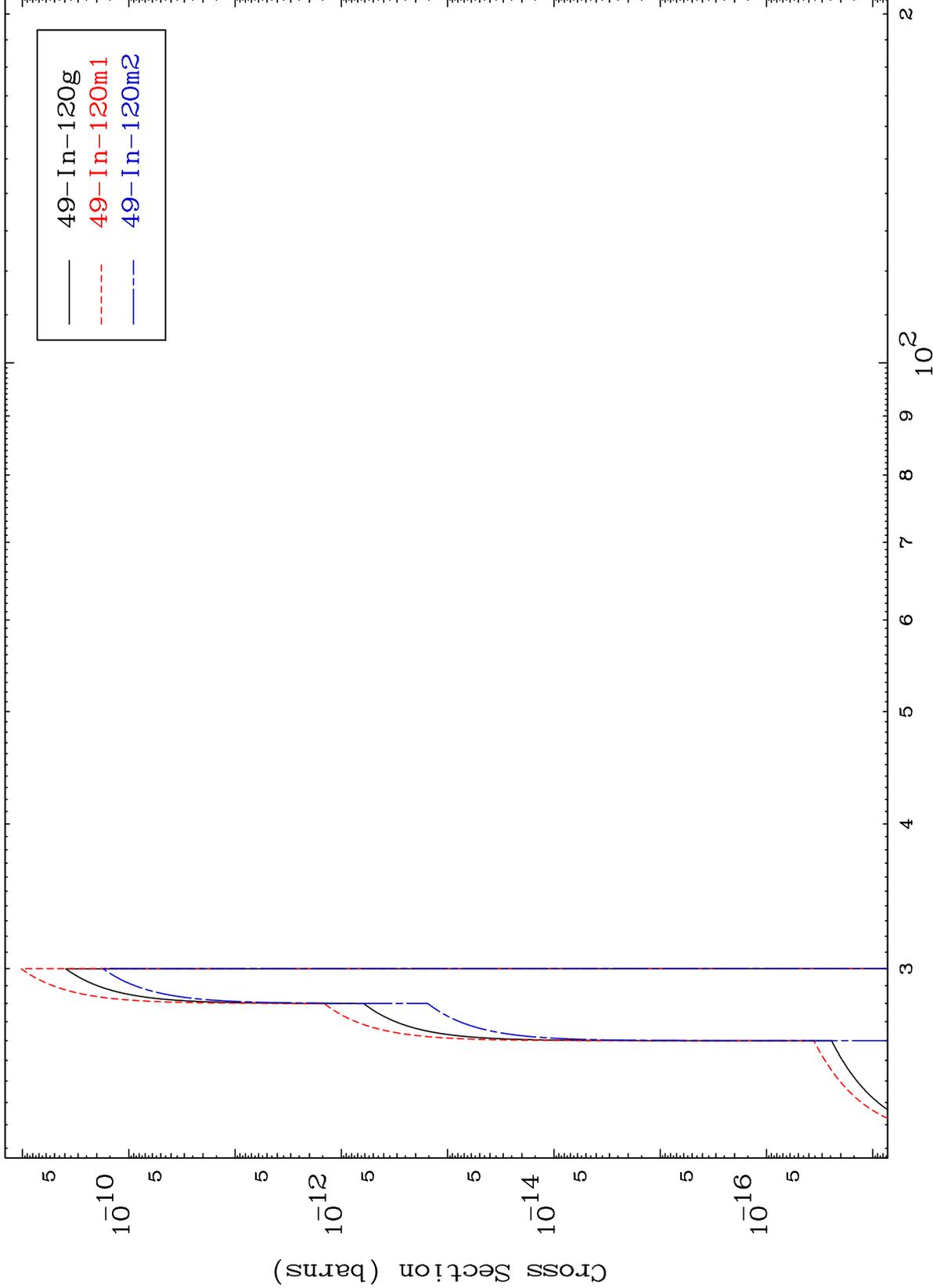
49-In-120

MAT 4946

(n,n') He-3

49-In-120

Radionuclide Production Cross Section



15

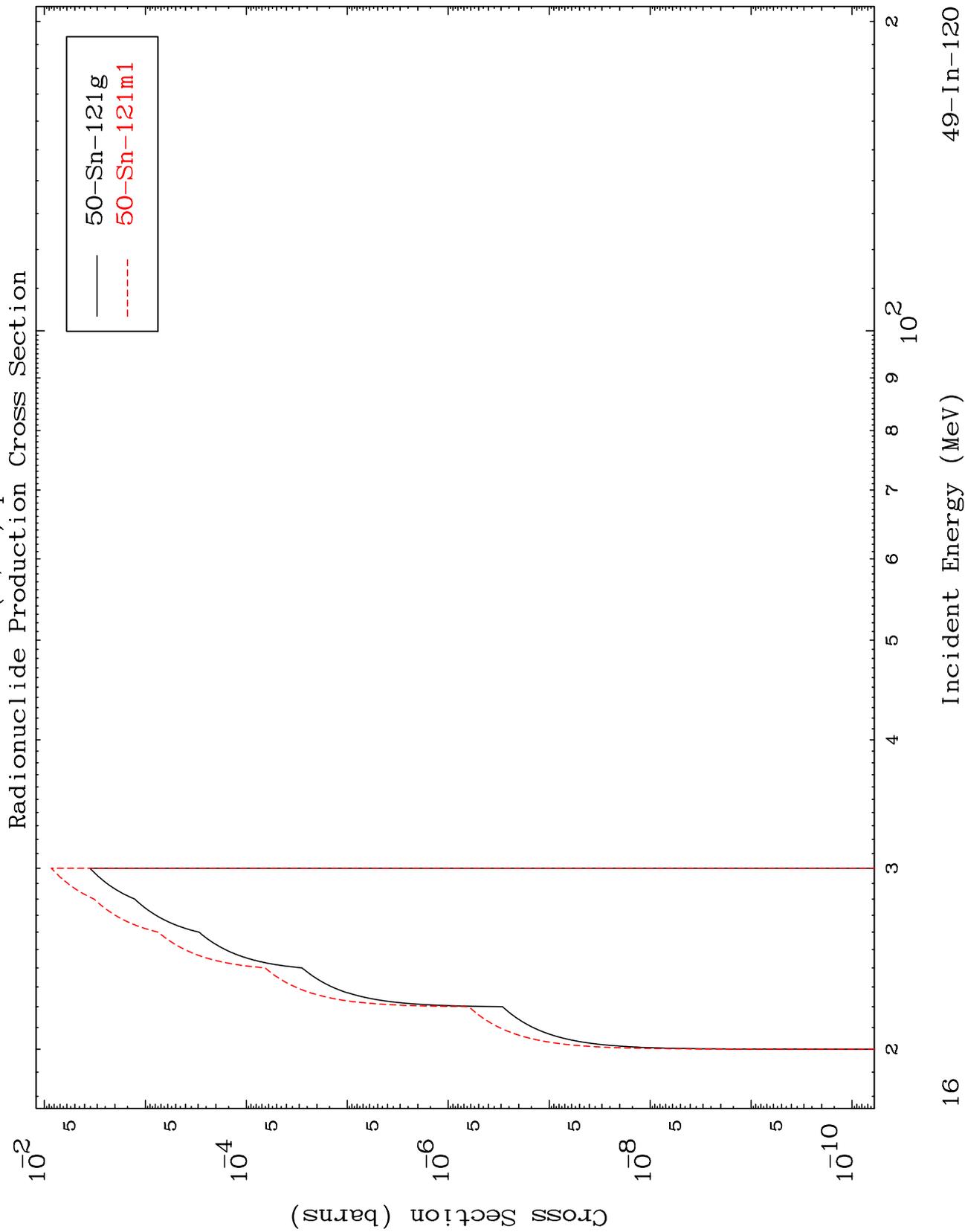
Incident Energy (MeV)

49-In-120

MAT 4946

(n,2n) p

49-In-120

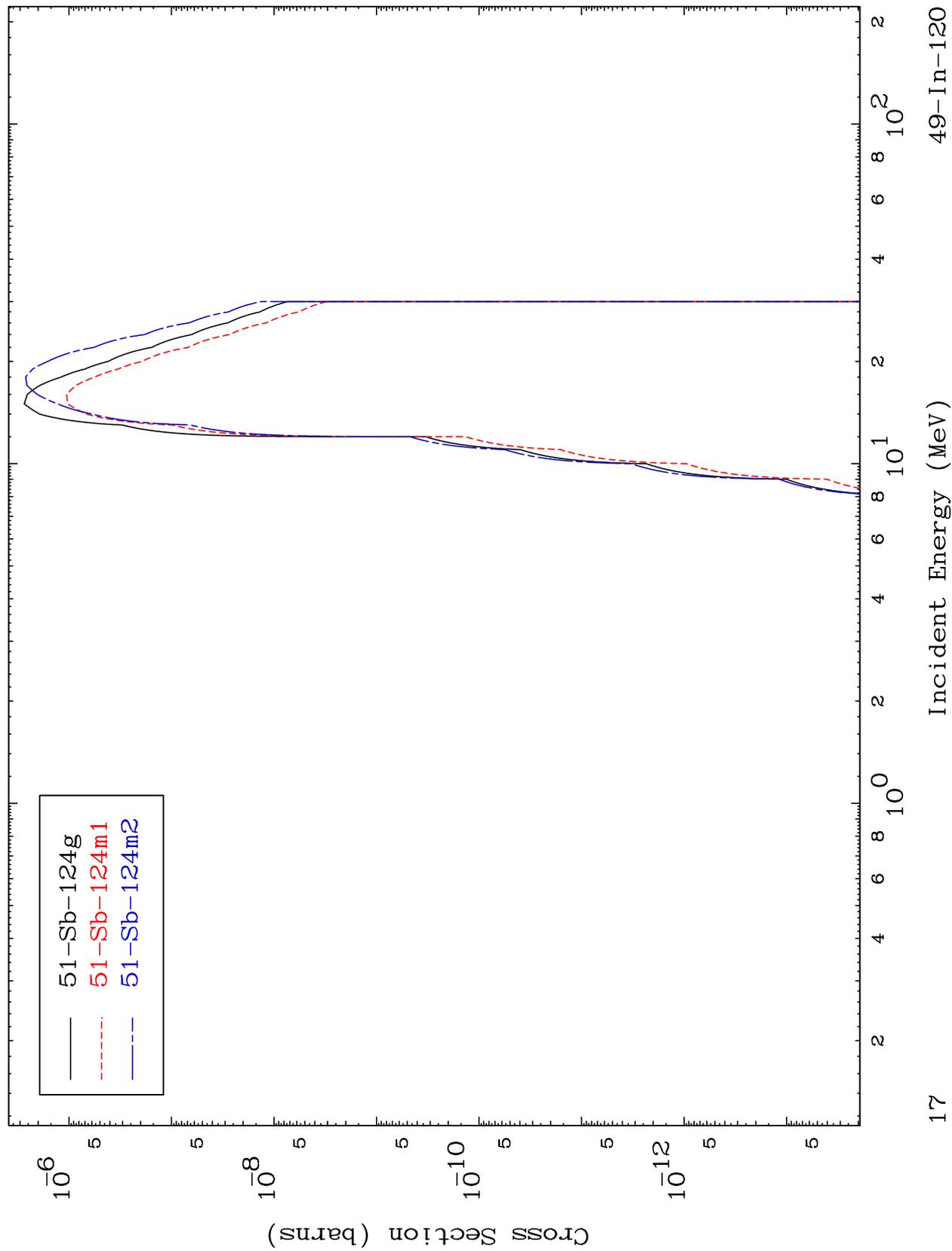


16

MAT 4946

49-In-120

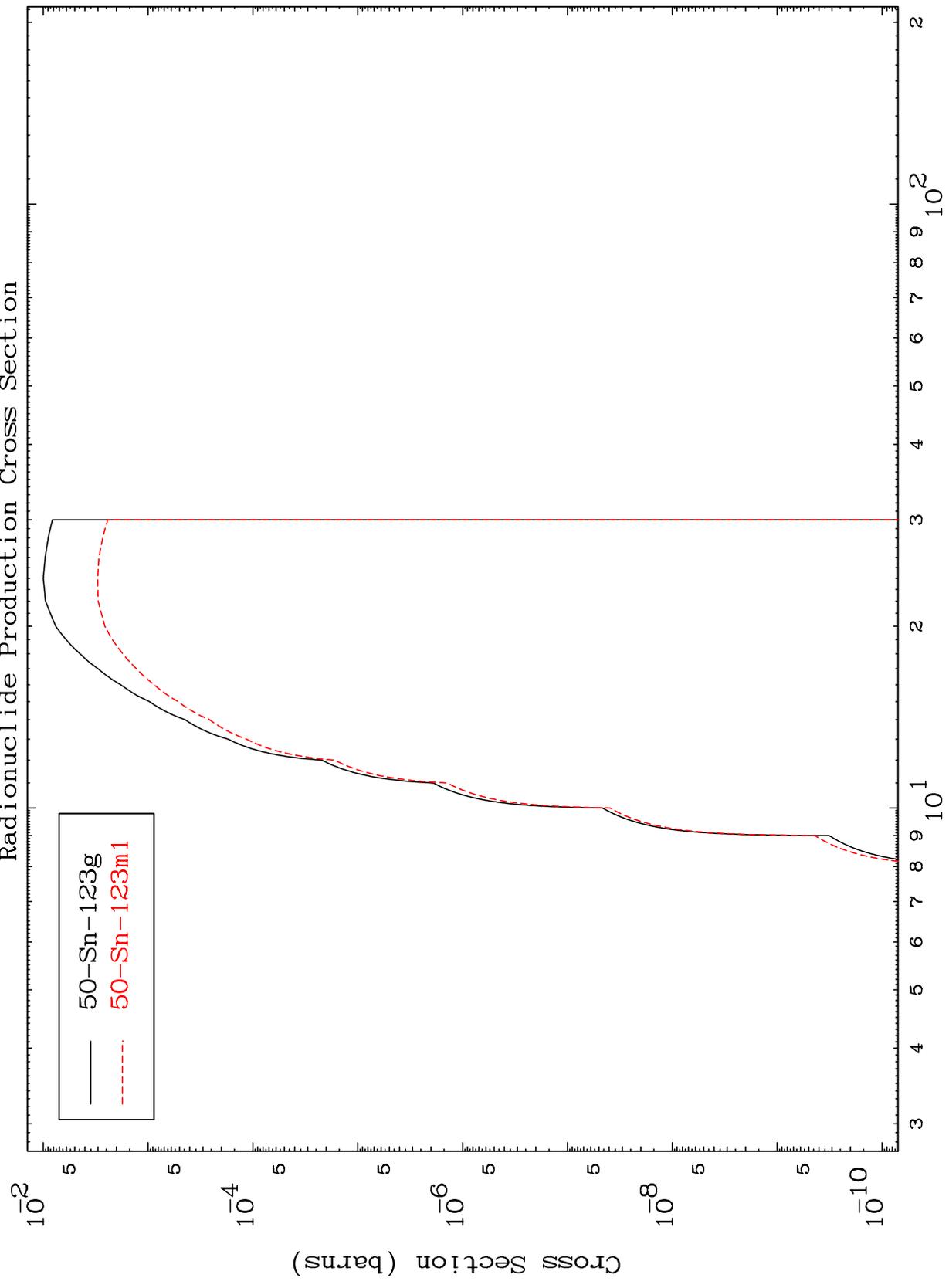
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4946

49-In-120

Radionuclide Production Cross Section (n,p)



49-In-120

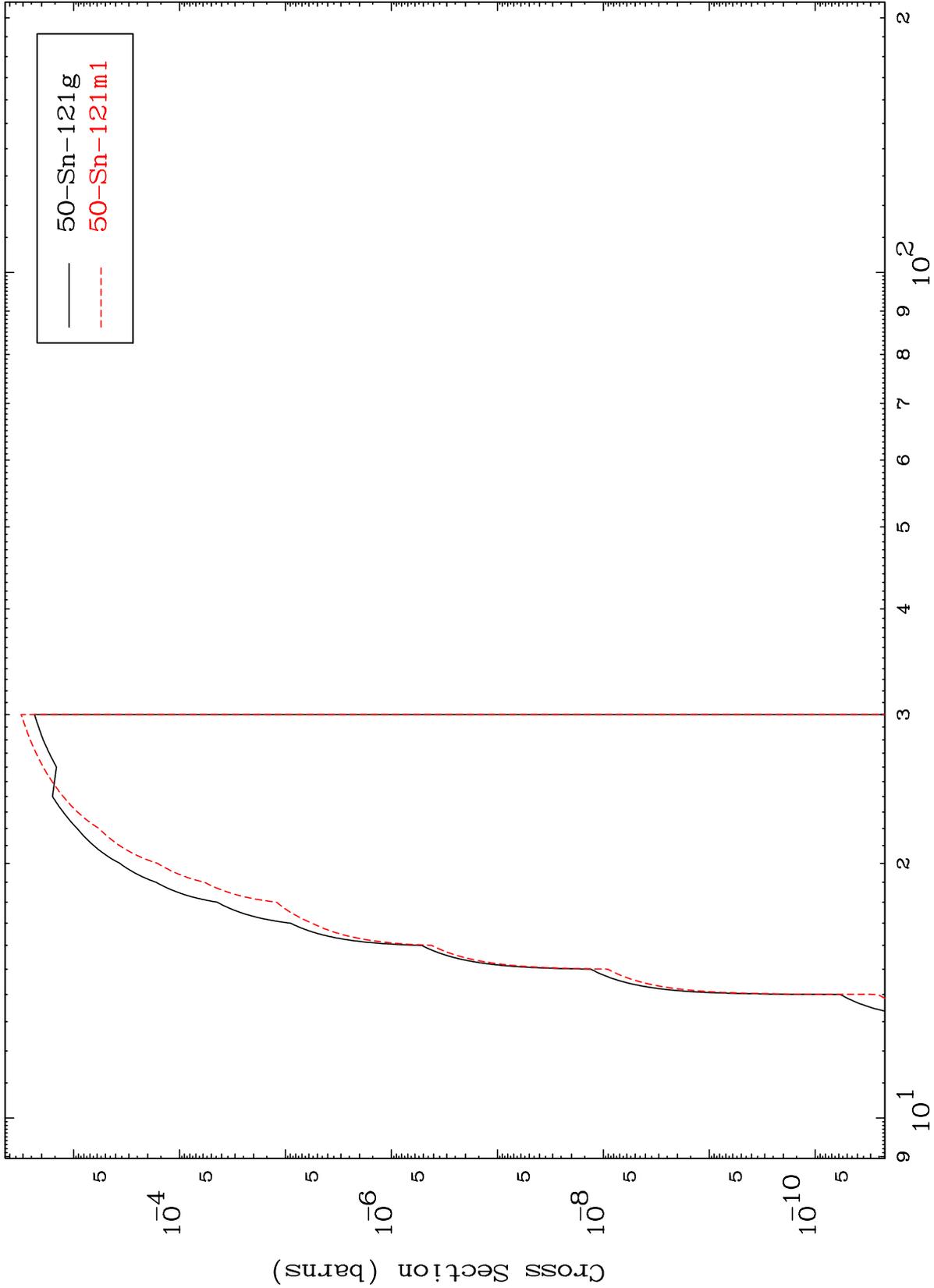
Incident Energy (MeV)

18

MAT 4946

49-In-120

(n,t)  
Radionuclide Production Cross Section



49-In-120

Incident Energy (MeV)

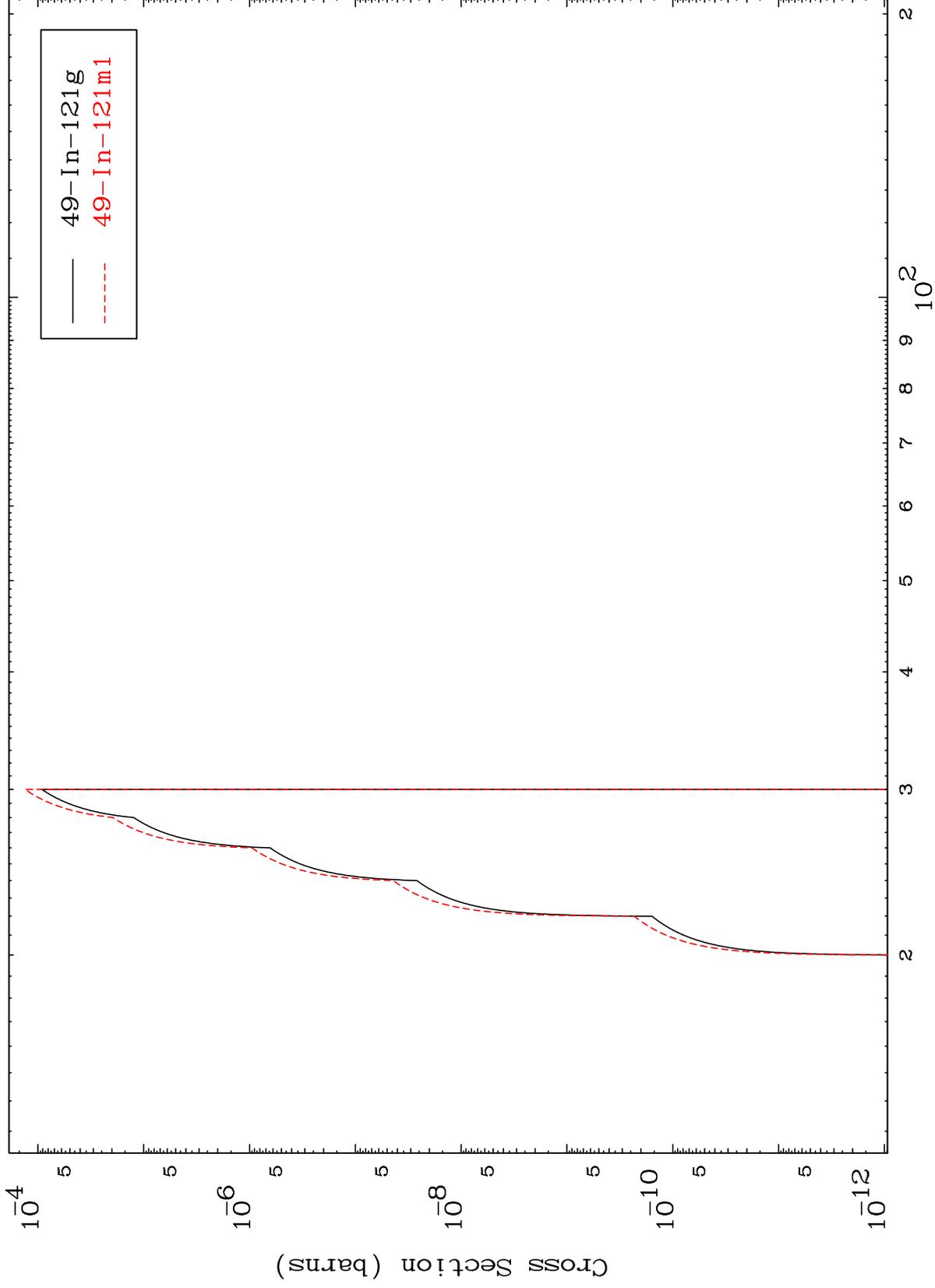
19

MAT 4946

(n,He-3)

49-In-120

Radionuclide Production Cross Section



20

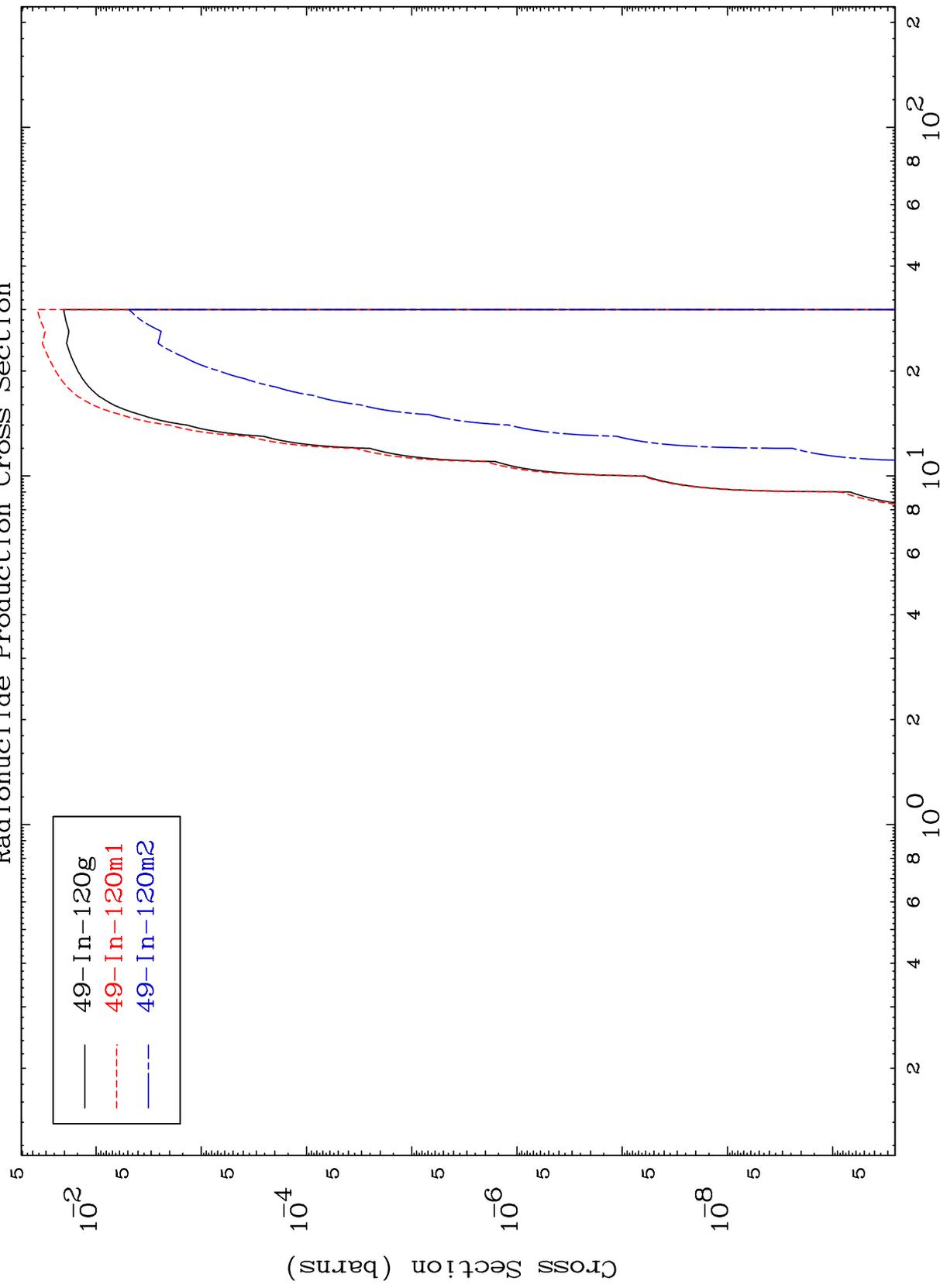
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

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



49-In-120

Incident Energy (MeV)

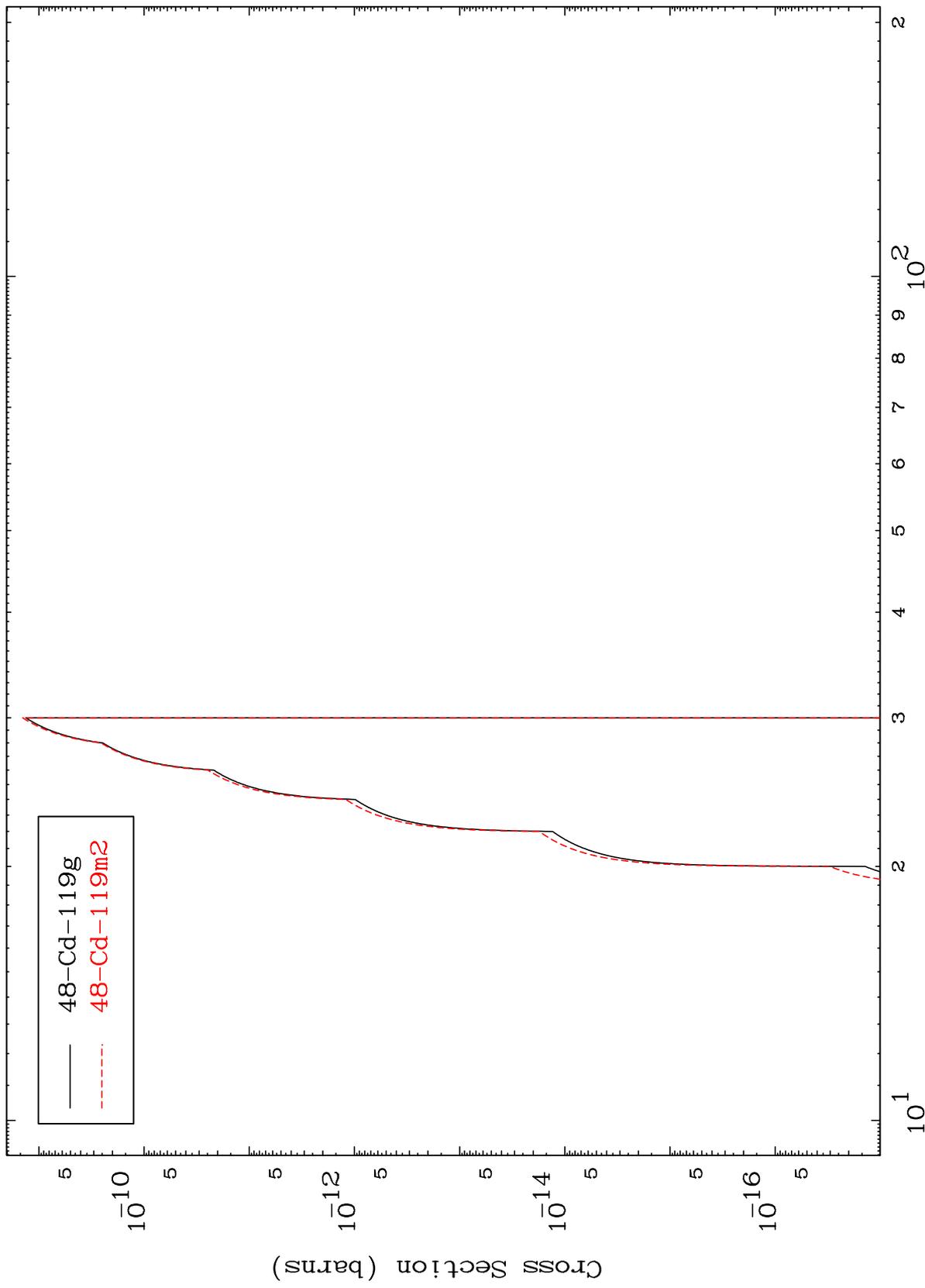


MAT 4946

49-In-120

(n,p)  $\alpha$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-120