

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

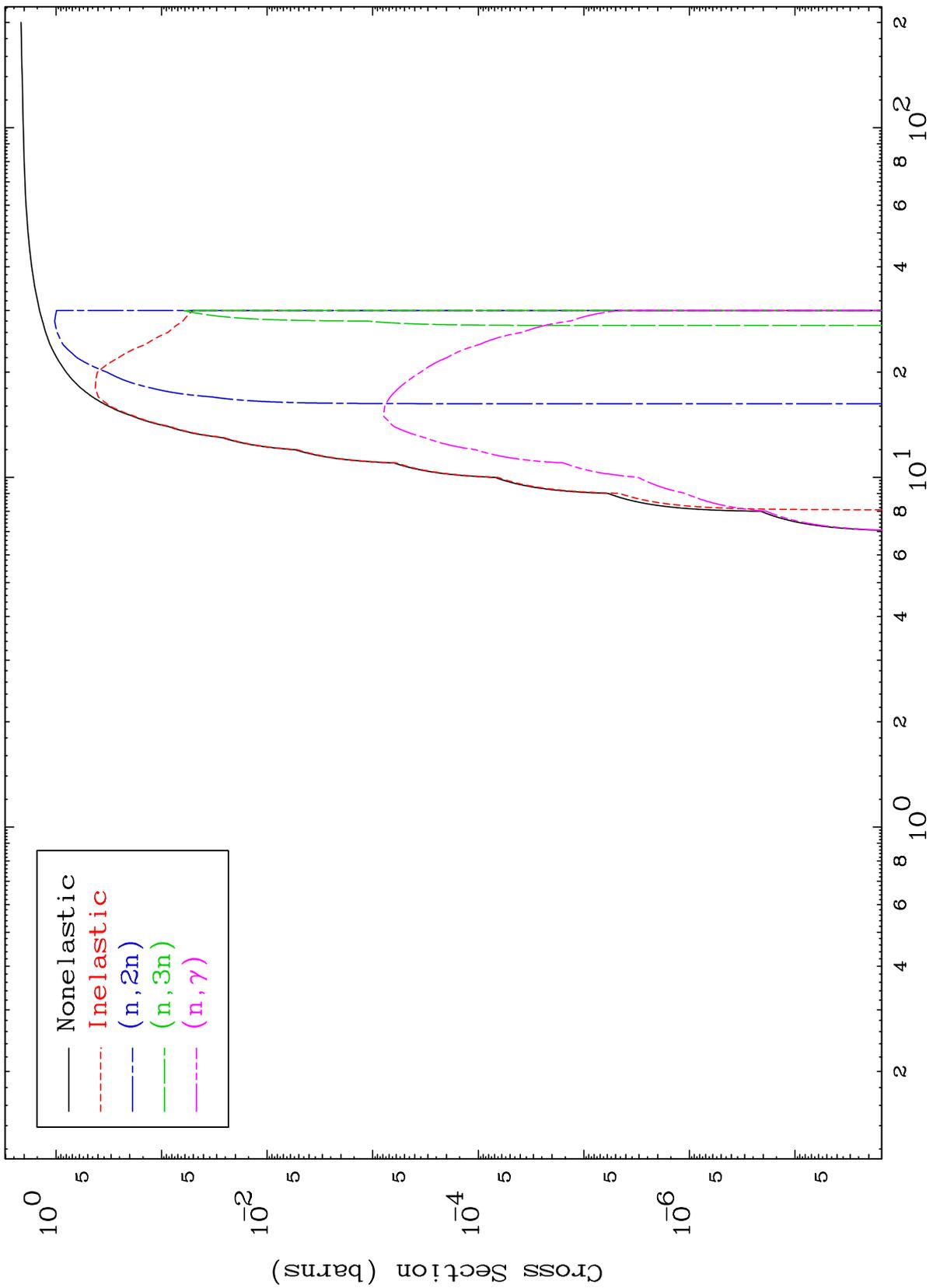
Press Mouse Button to Start

MAT 4926

$\alpha$  Major

49-In-113m

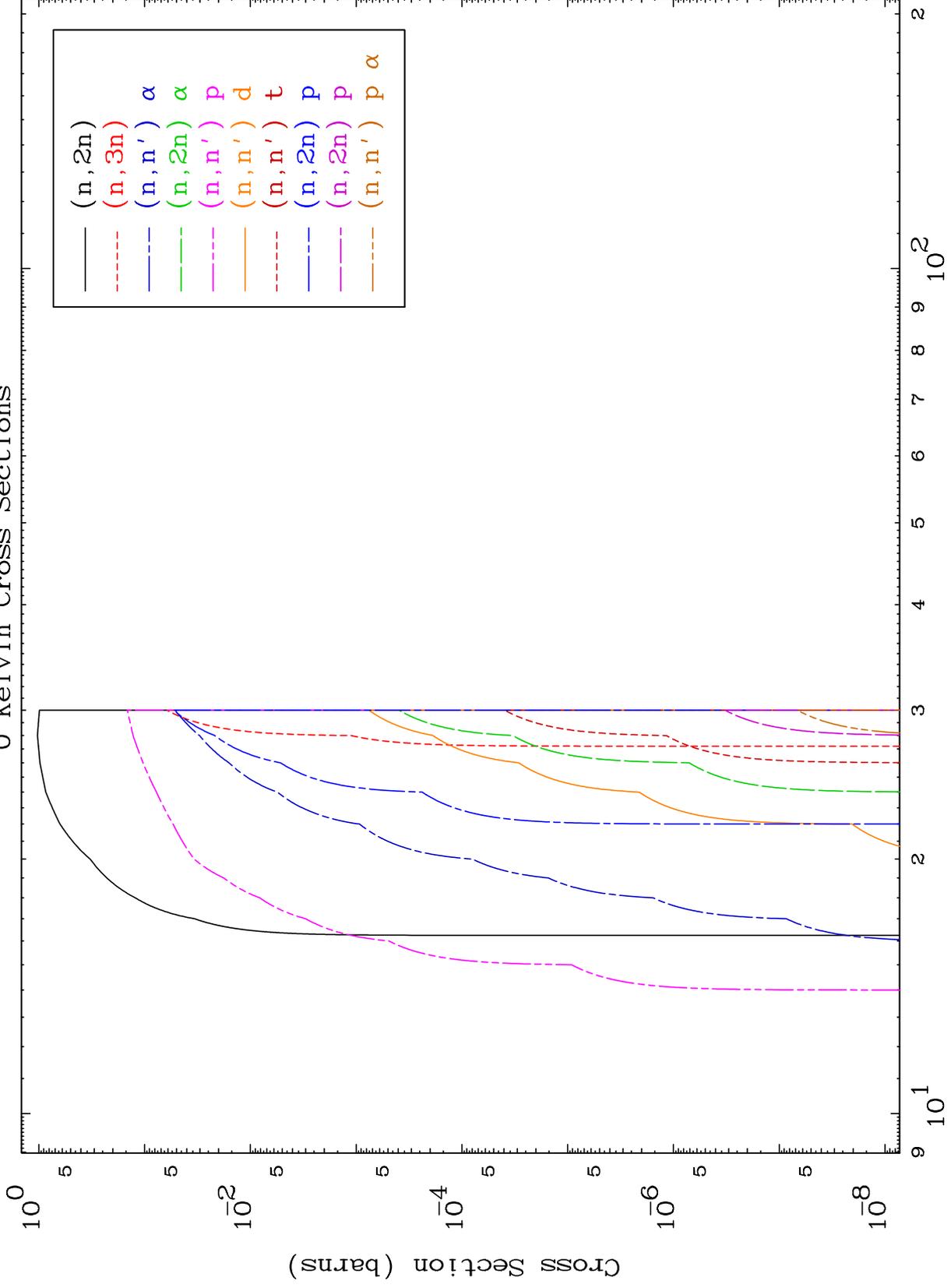
0 Kelvin Cross Sections



MAT 4926

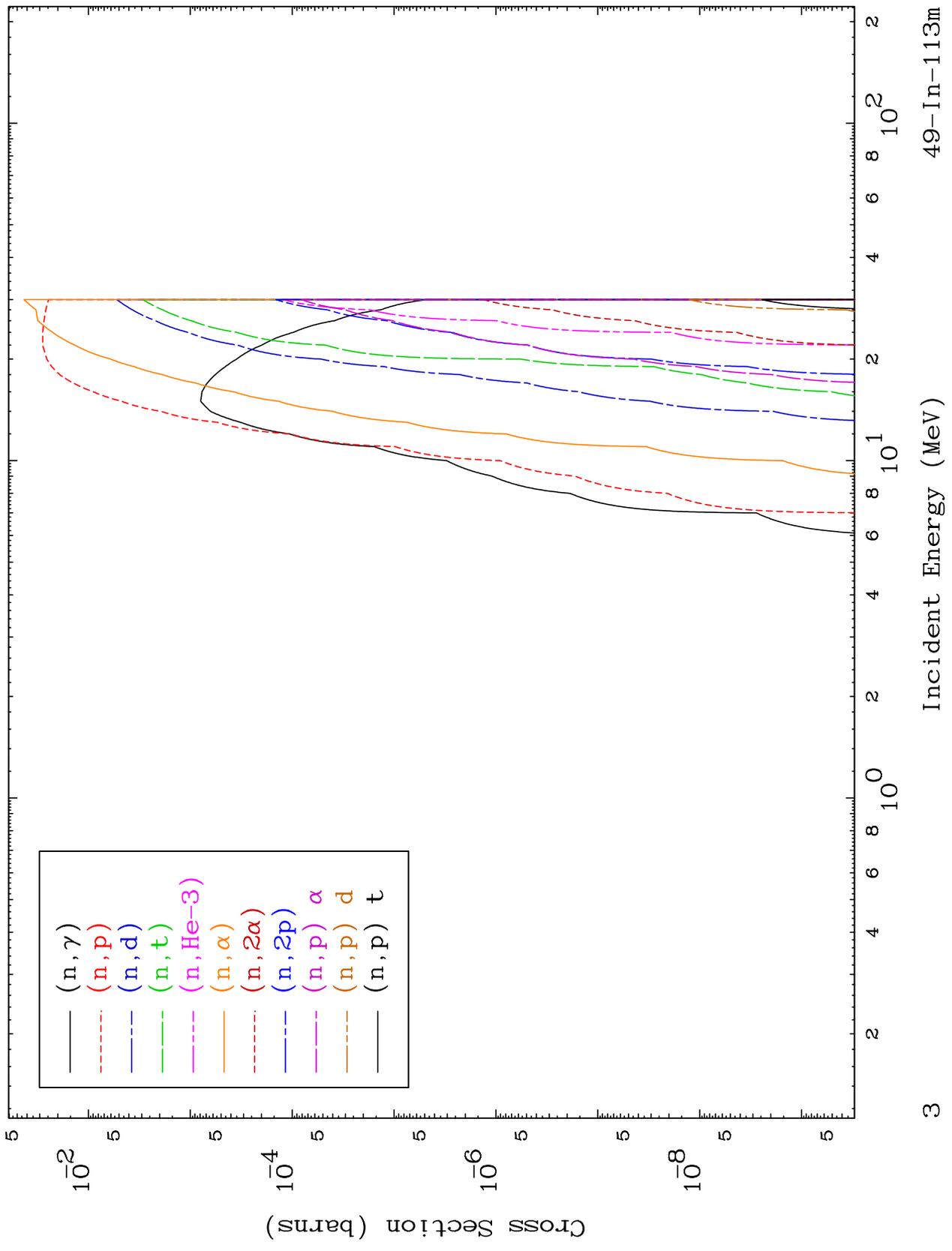
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

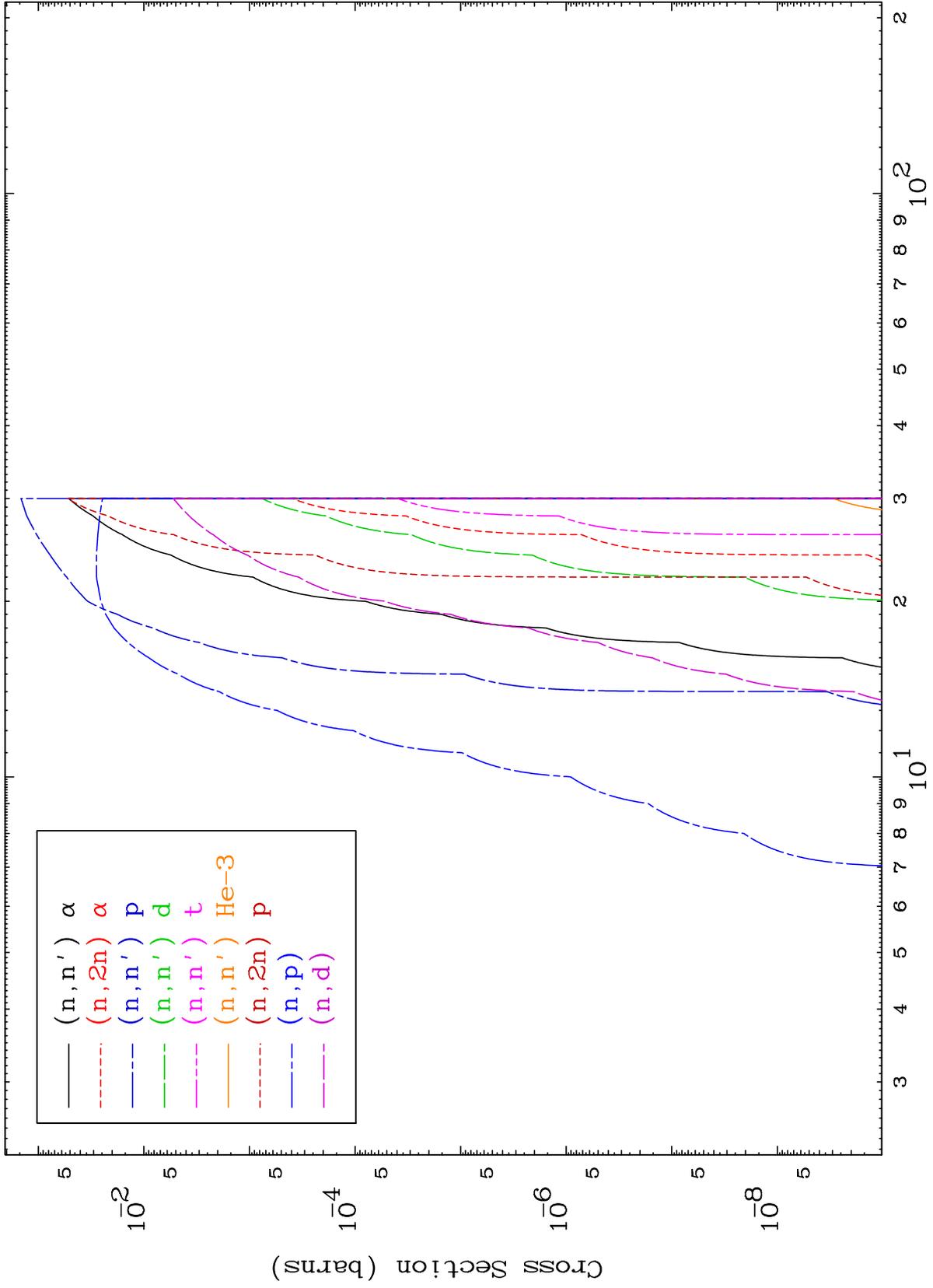
49-In-113m

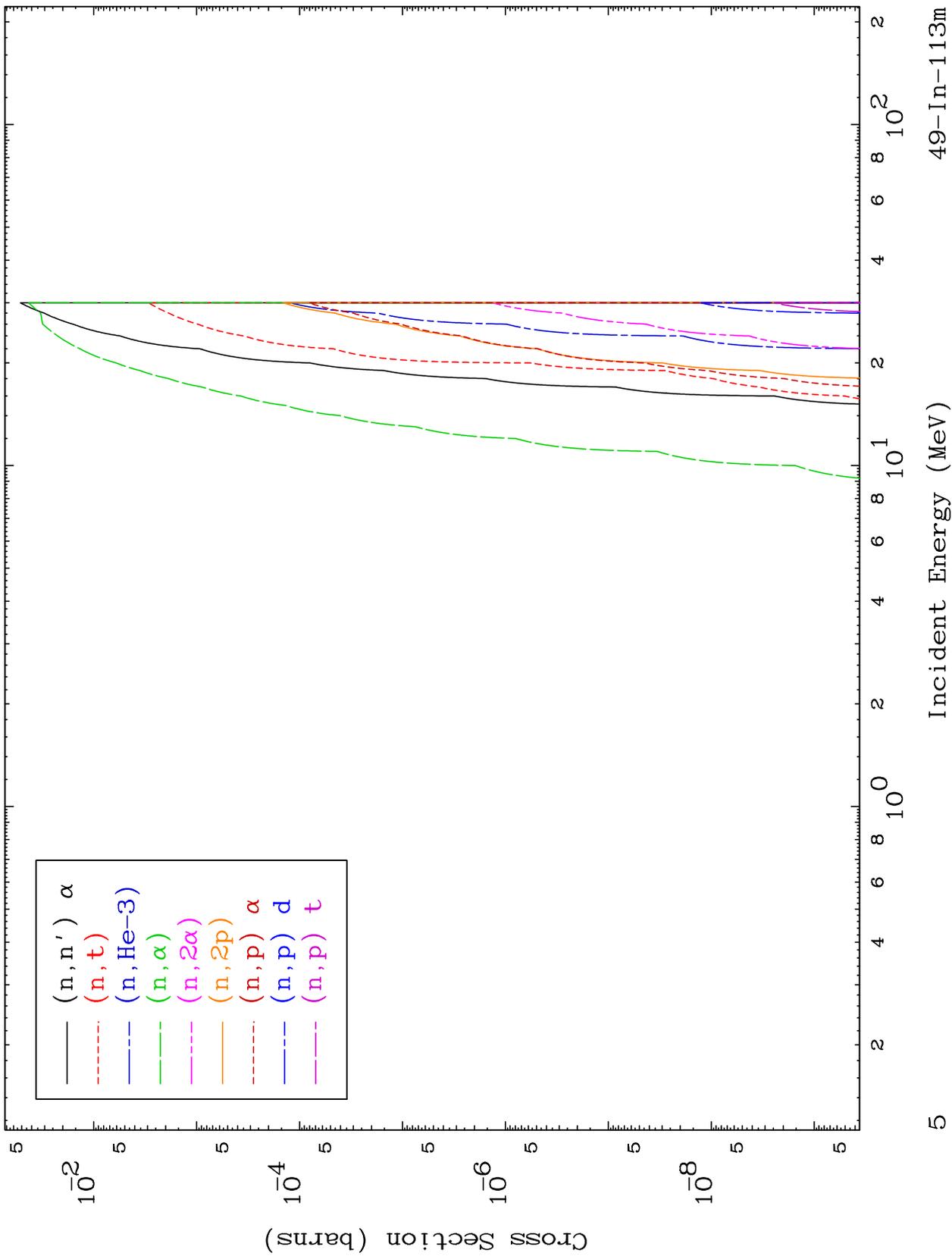


49-In-113m

Incident Energy (MeV)





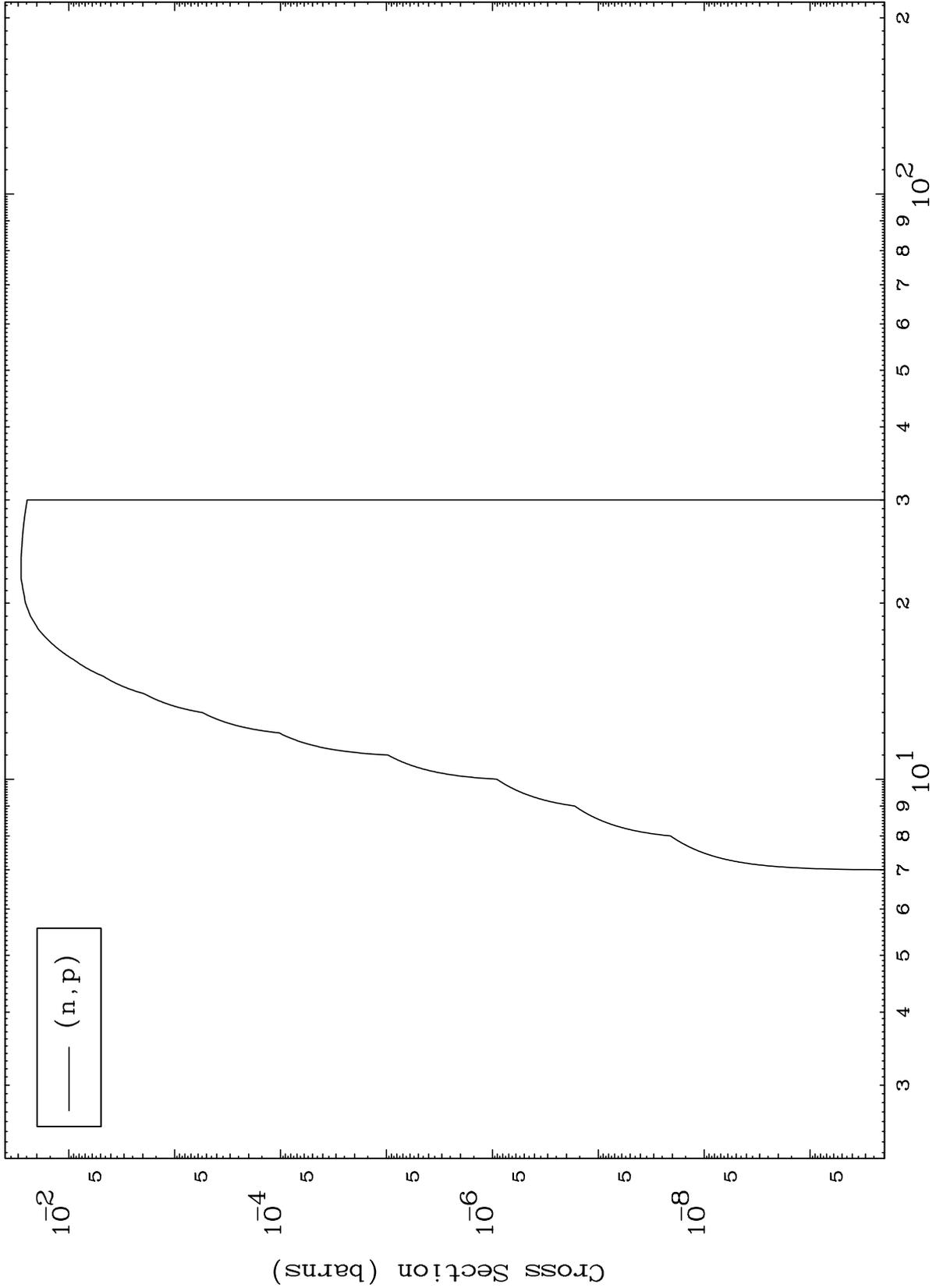


MAT 4926

( $\alpha, p$ ) Levels

49-In-113m

0 Kelvin Cross Sections

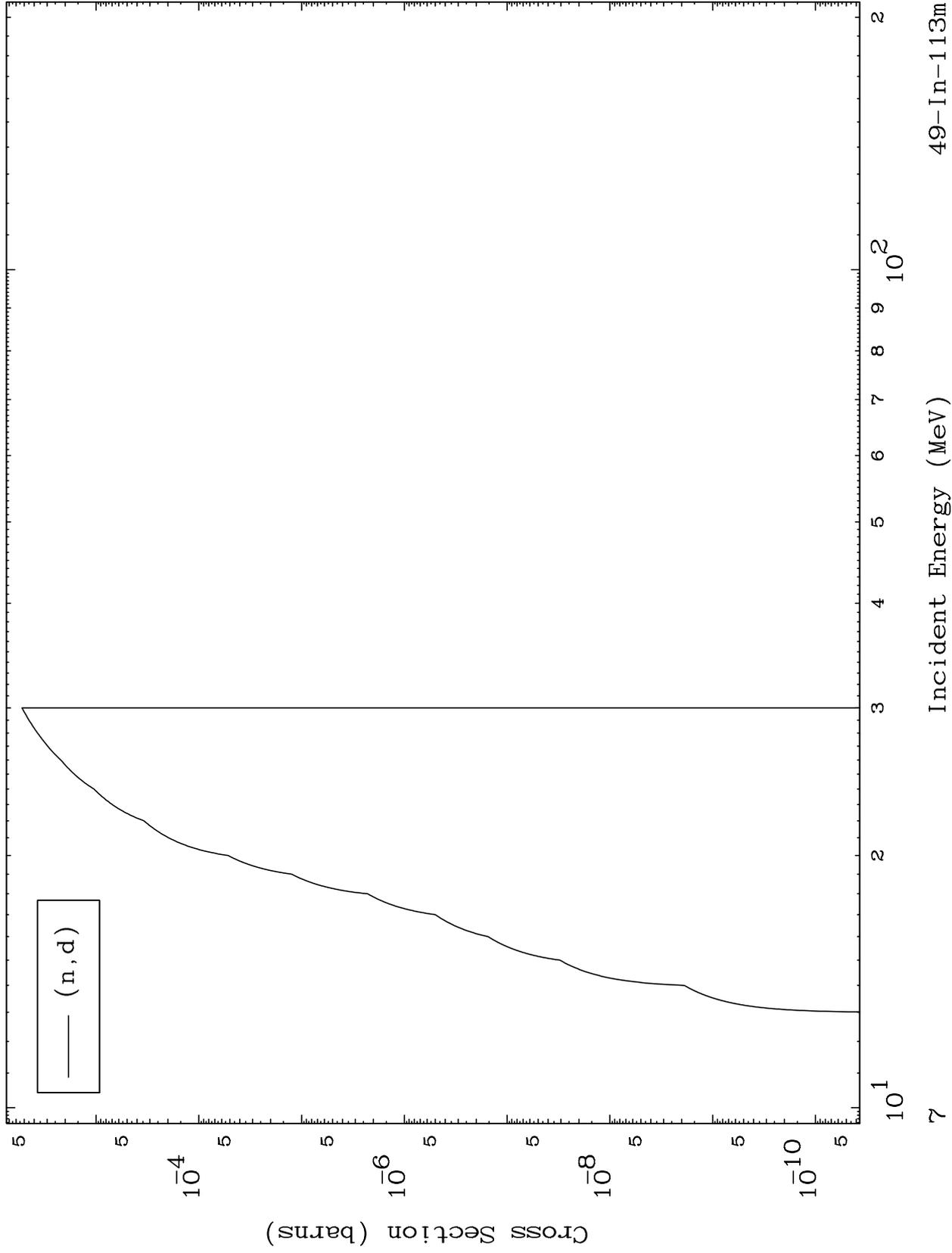


MAT 4926

( $\alpha, d$ ) Levels

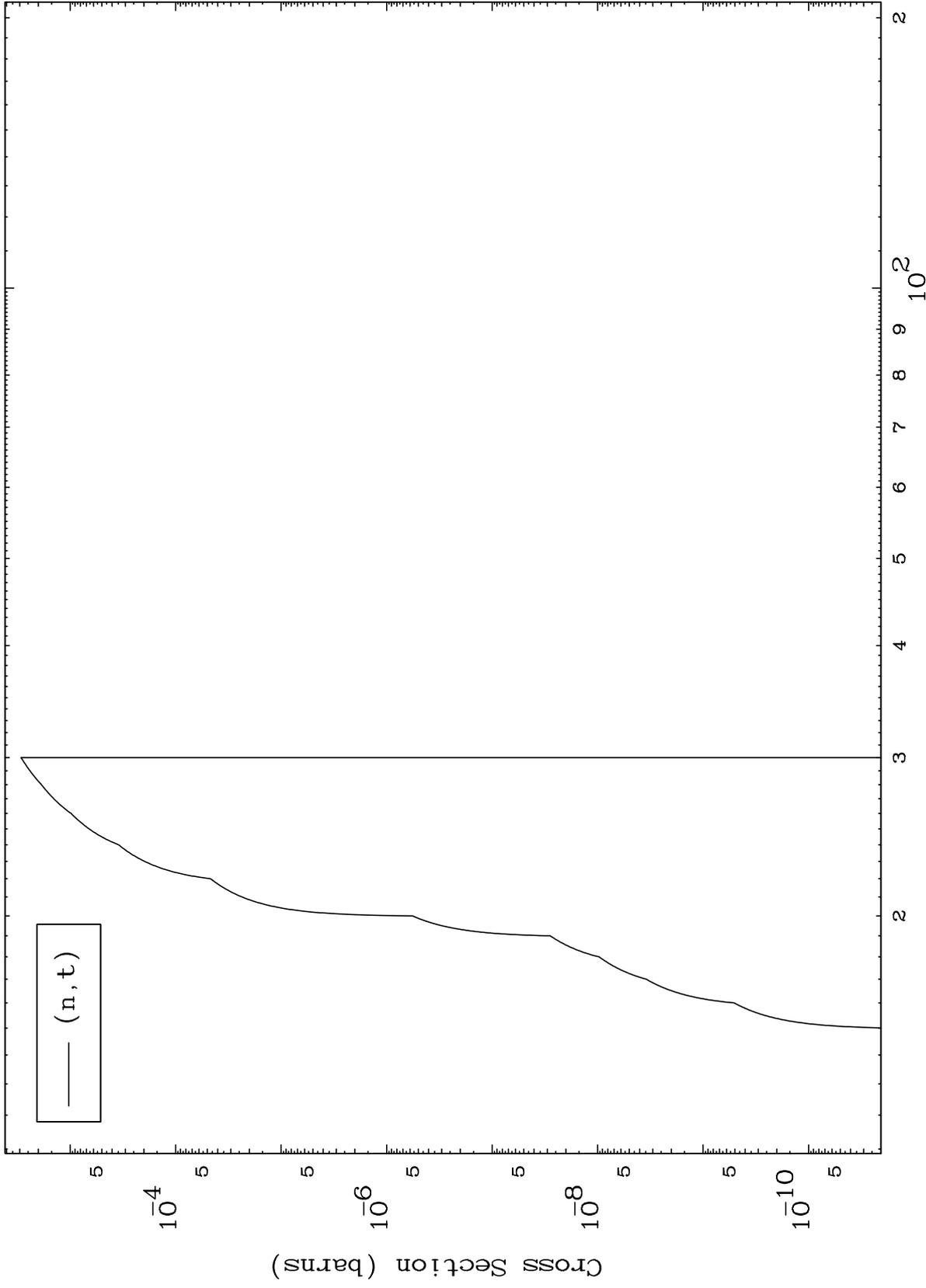
49-In-113m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-113m

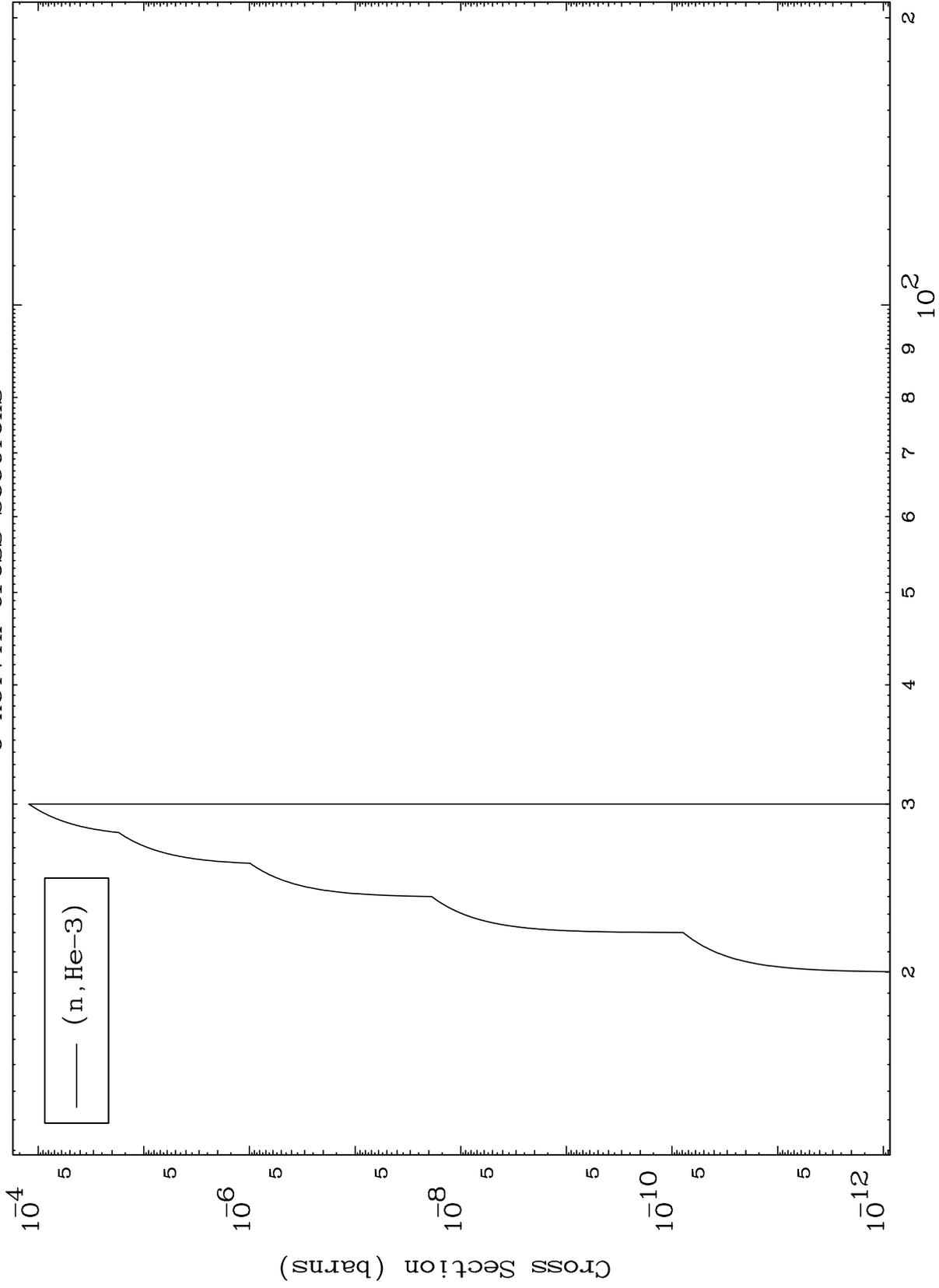


MAT 4926

( $\alpha, \text{He}3$ ) Levels

49-In-113m

0 Kelvin Cross Sections

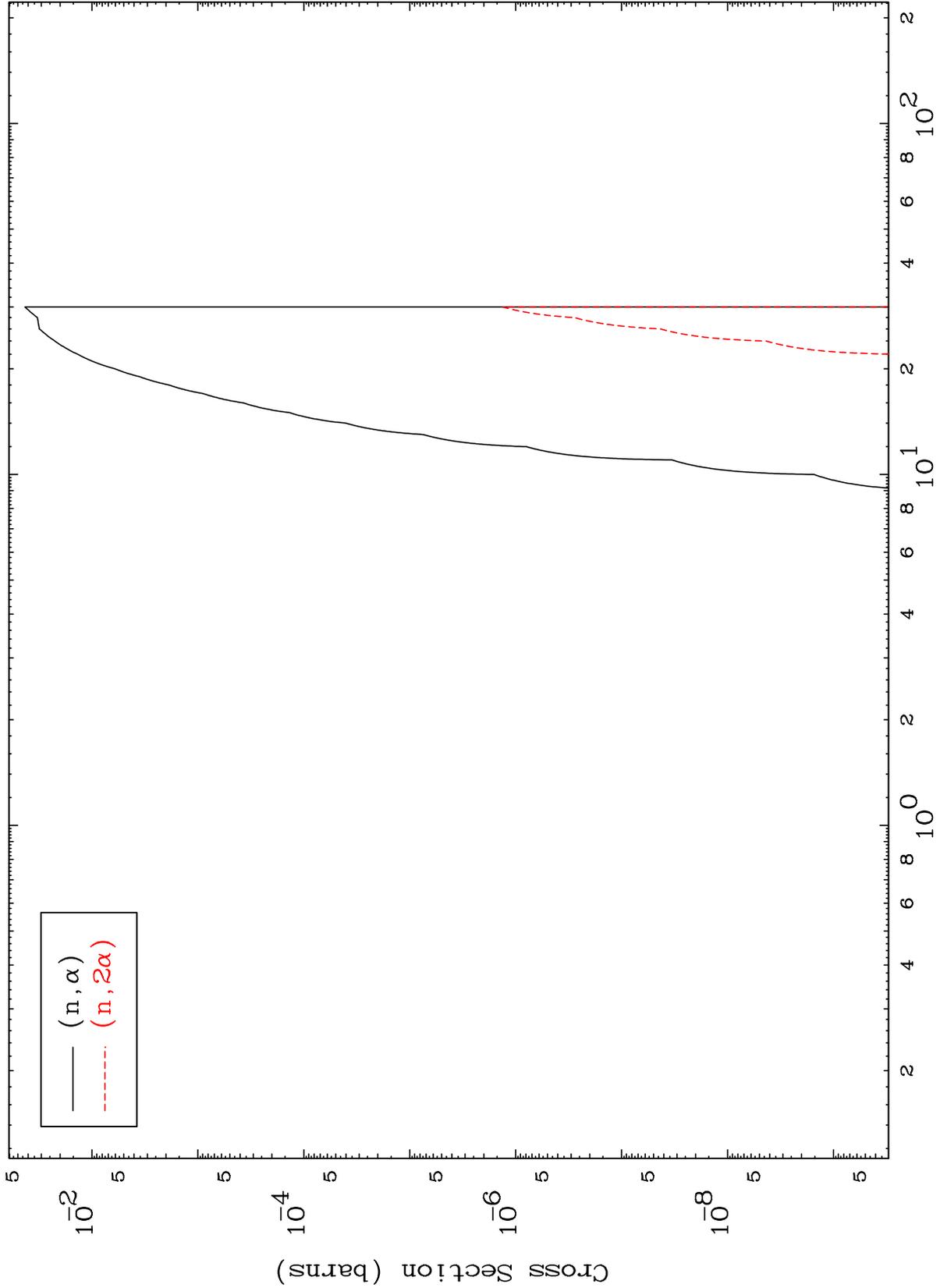


MAT 4926

( $\alpha, \alpha$ ) Levels

49-In-113m

0 Kelvin Cross Sections



10

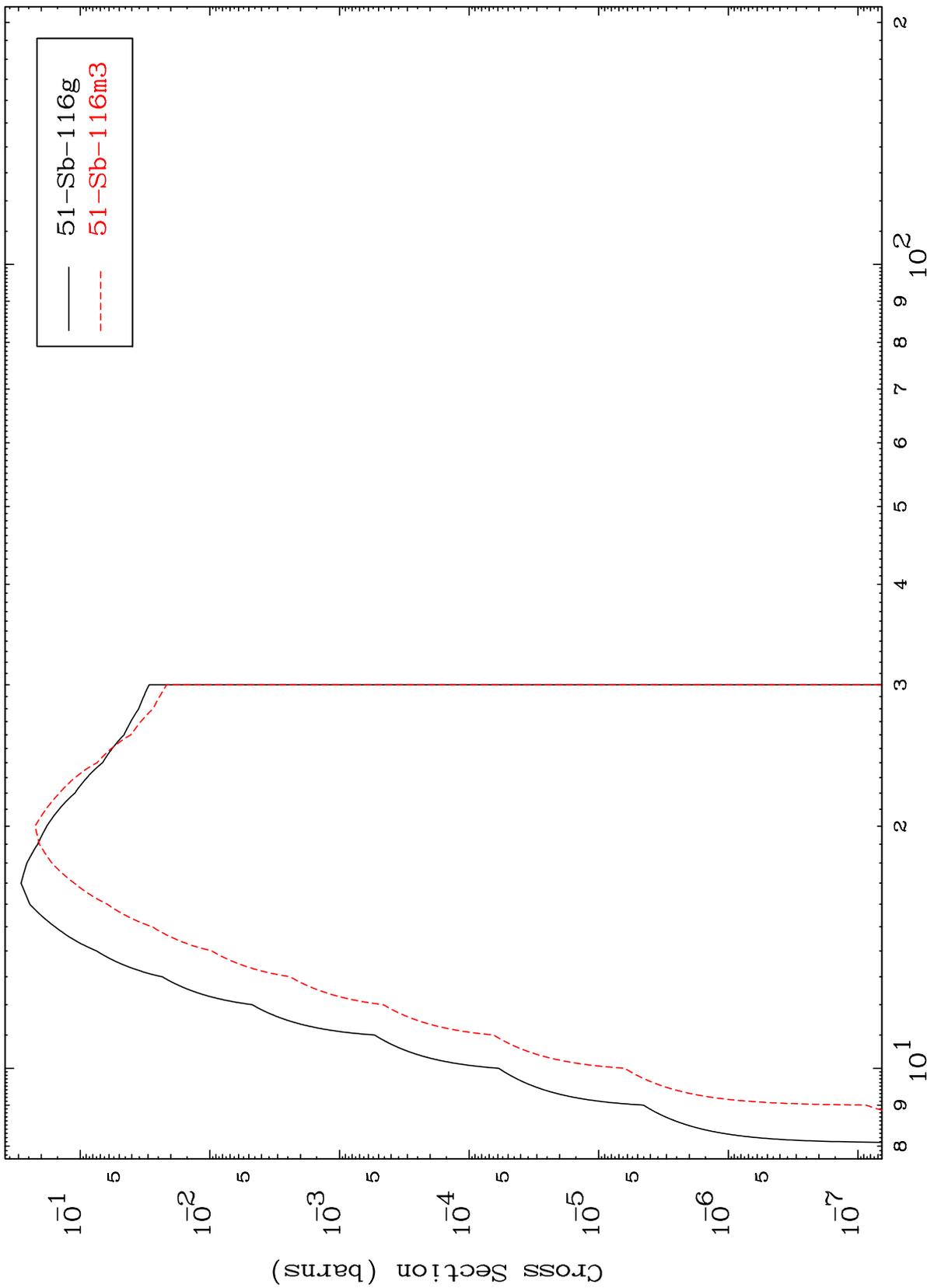
Incident Energy (MeV)

49-In-113m

MAT 4926

49-In-113m

Inelastic  
Radionuclide Production Cross Section



49-In-113m

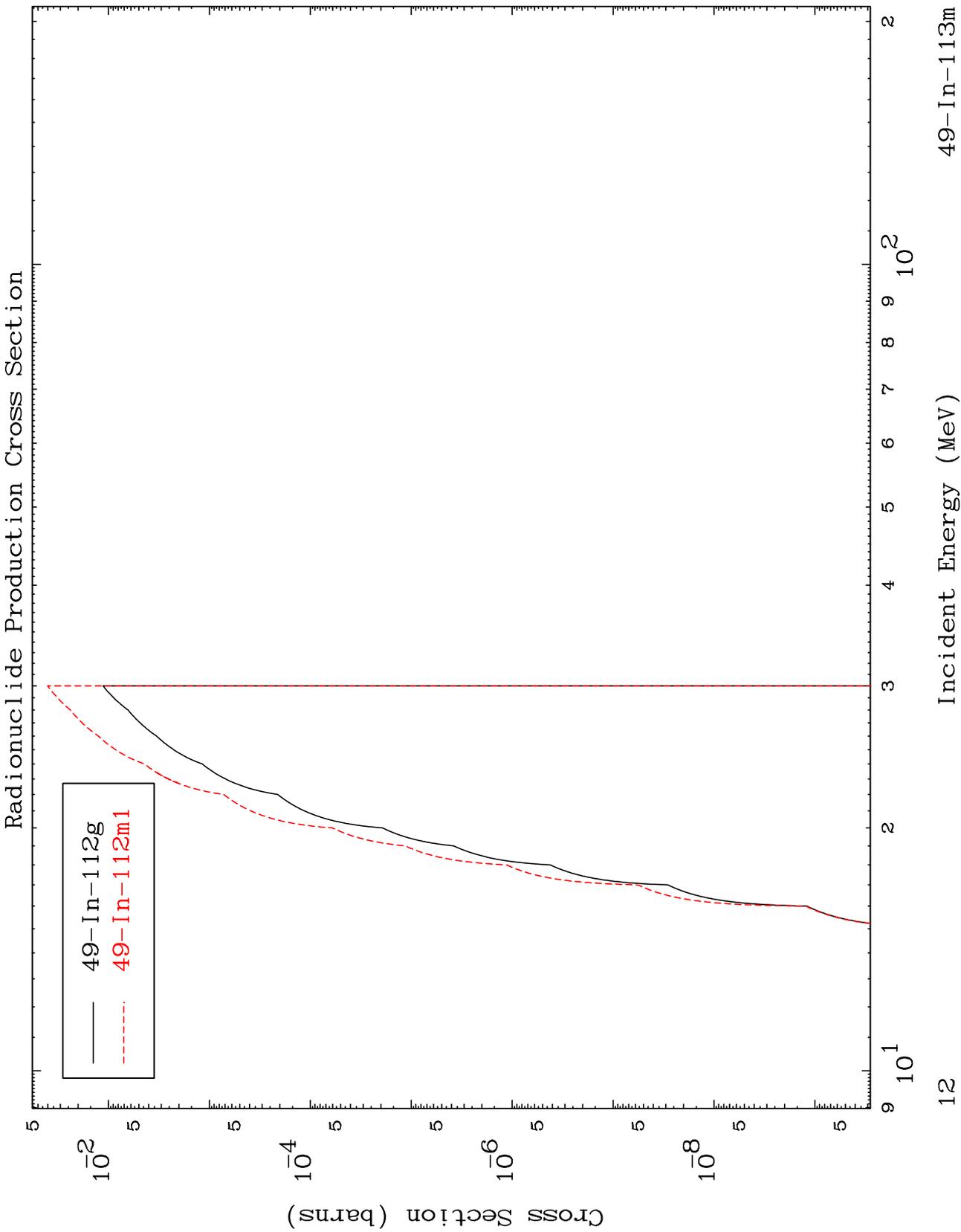
Incident Energy (MeV)

11

MAT 4926

(n,n')  $\alpha$

49-In-113m



12

Incident Energy (MeV)

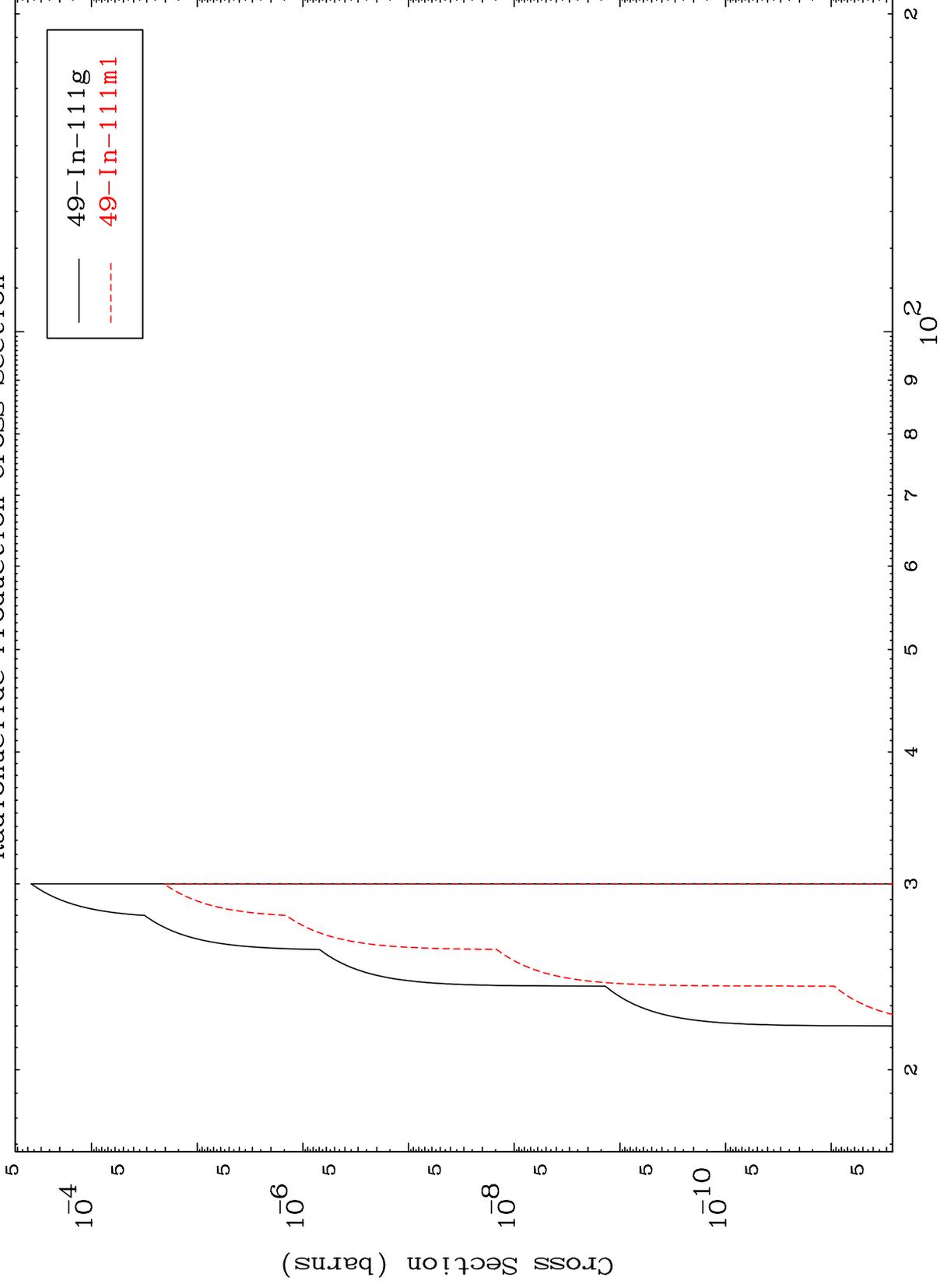
49-In-113m

MAT 4926

(n,2n)  $\alpha$

49-In-113m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

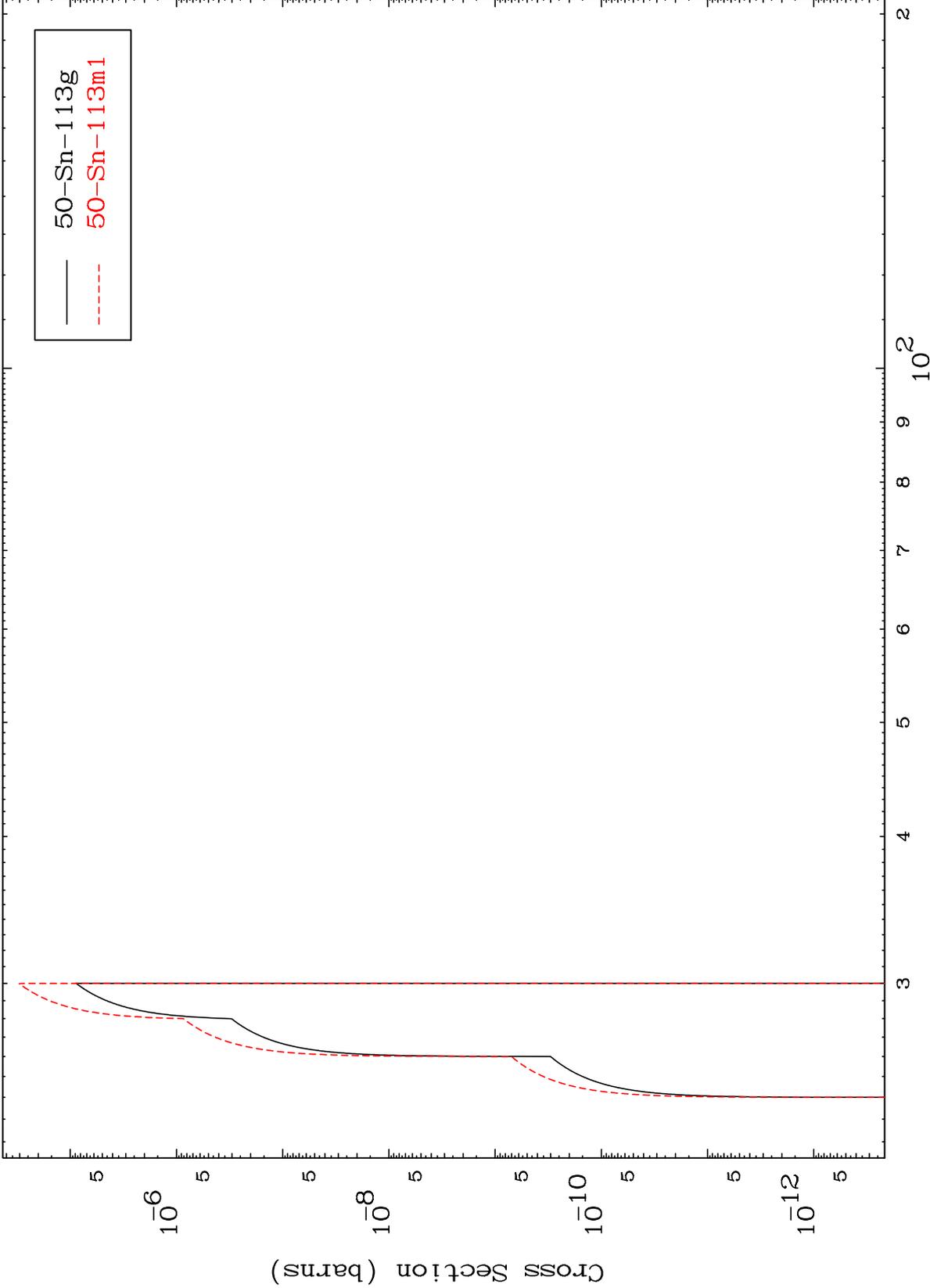
49-In-113m

MAT 4926

(n,n') t

49-In-113m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

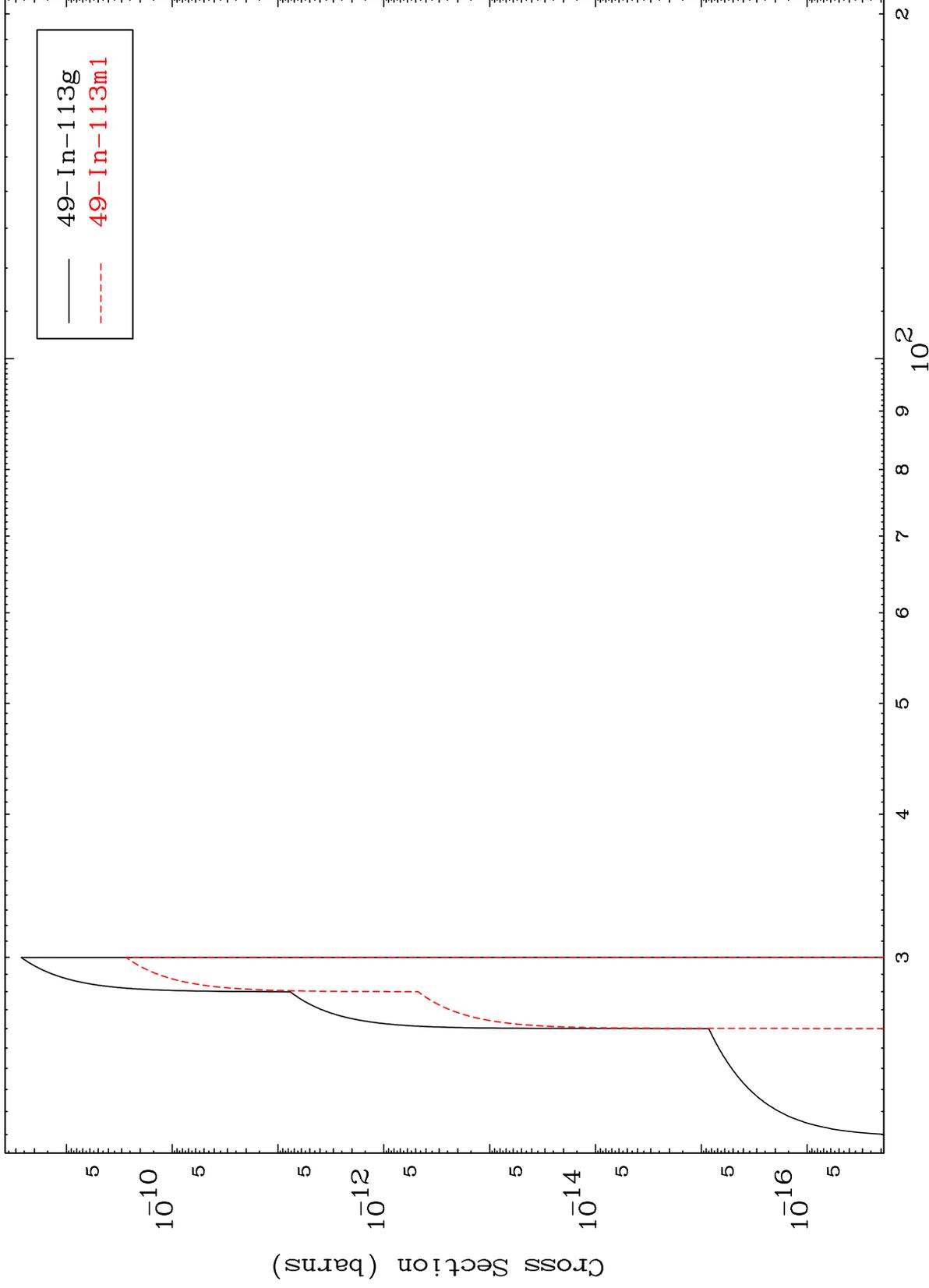
49-In-113m

MAT 4926

(n,n') He-3

49-In-113m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

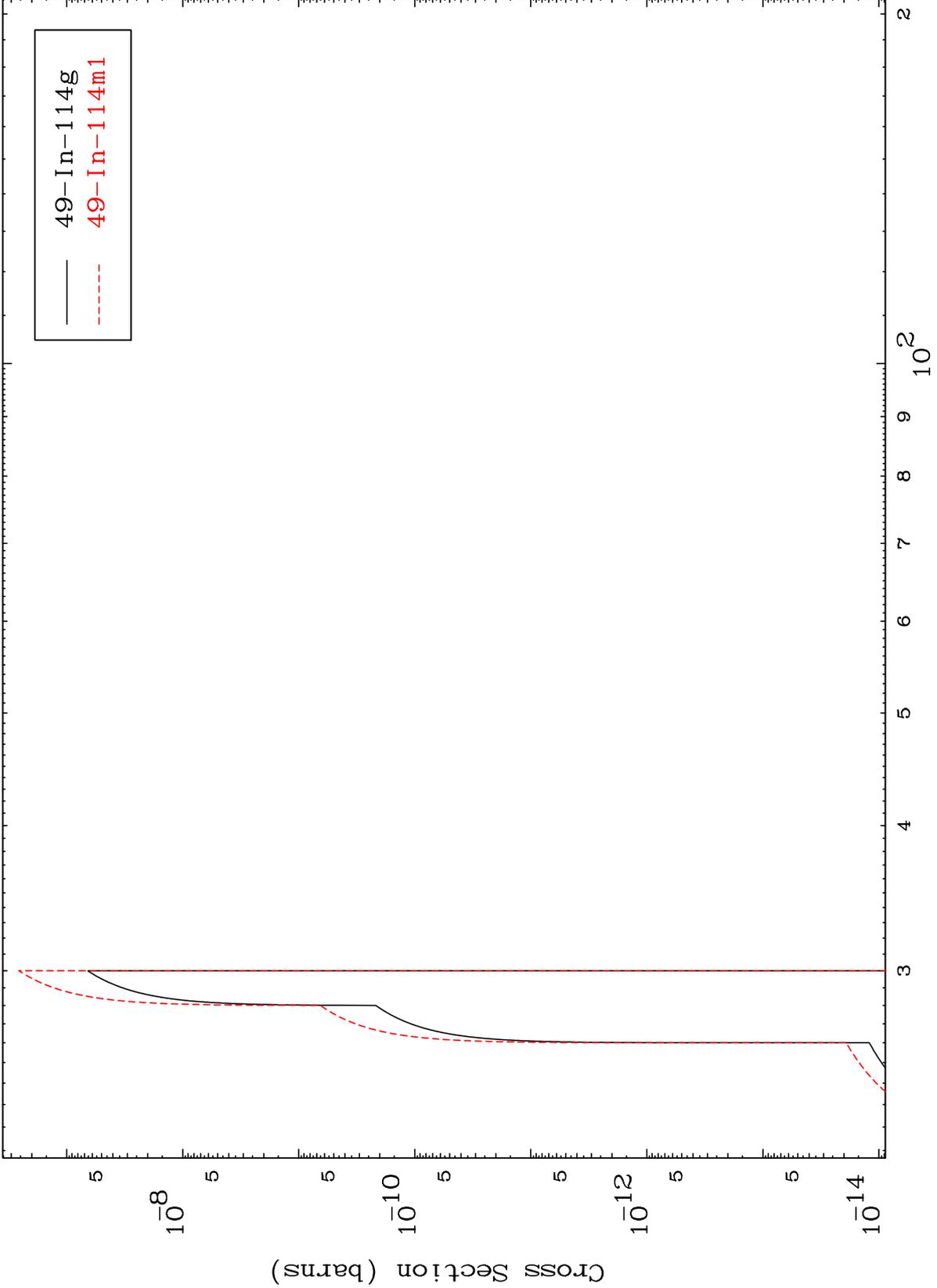
49-In-113m

MAT 4926

(n,2n) p

49-In-113m

Radionuclide Production Cross Section



16

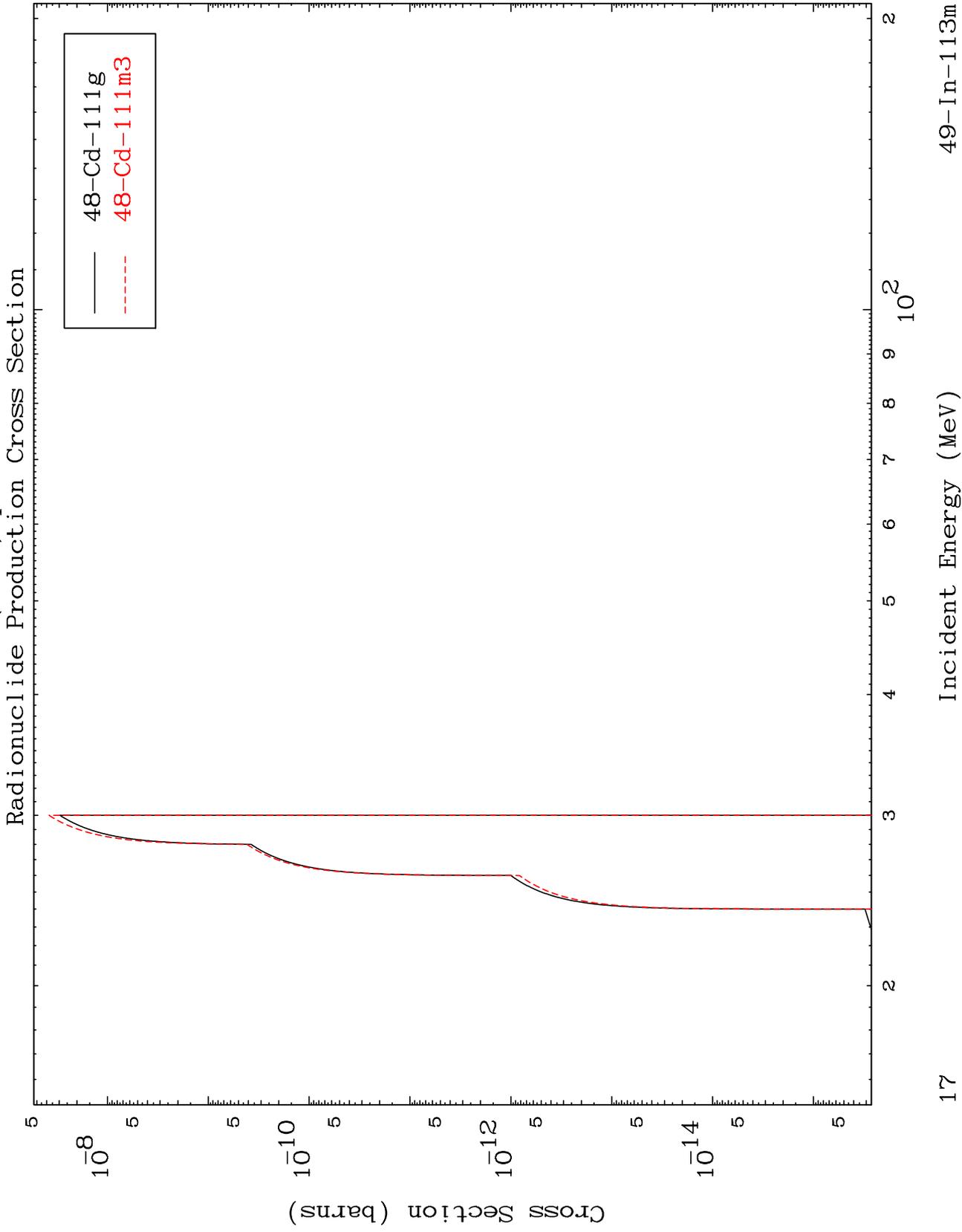
Incident Energy (MeV)

49-In-113m

MAT 4926

(n,n') p  $\alpha$

49-In-113m

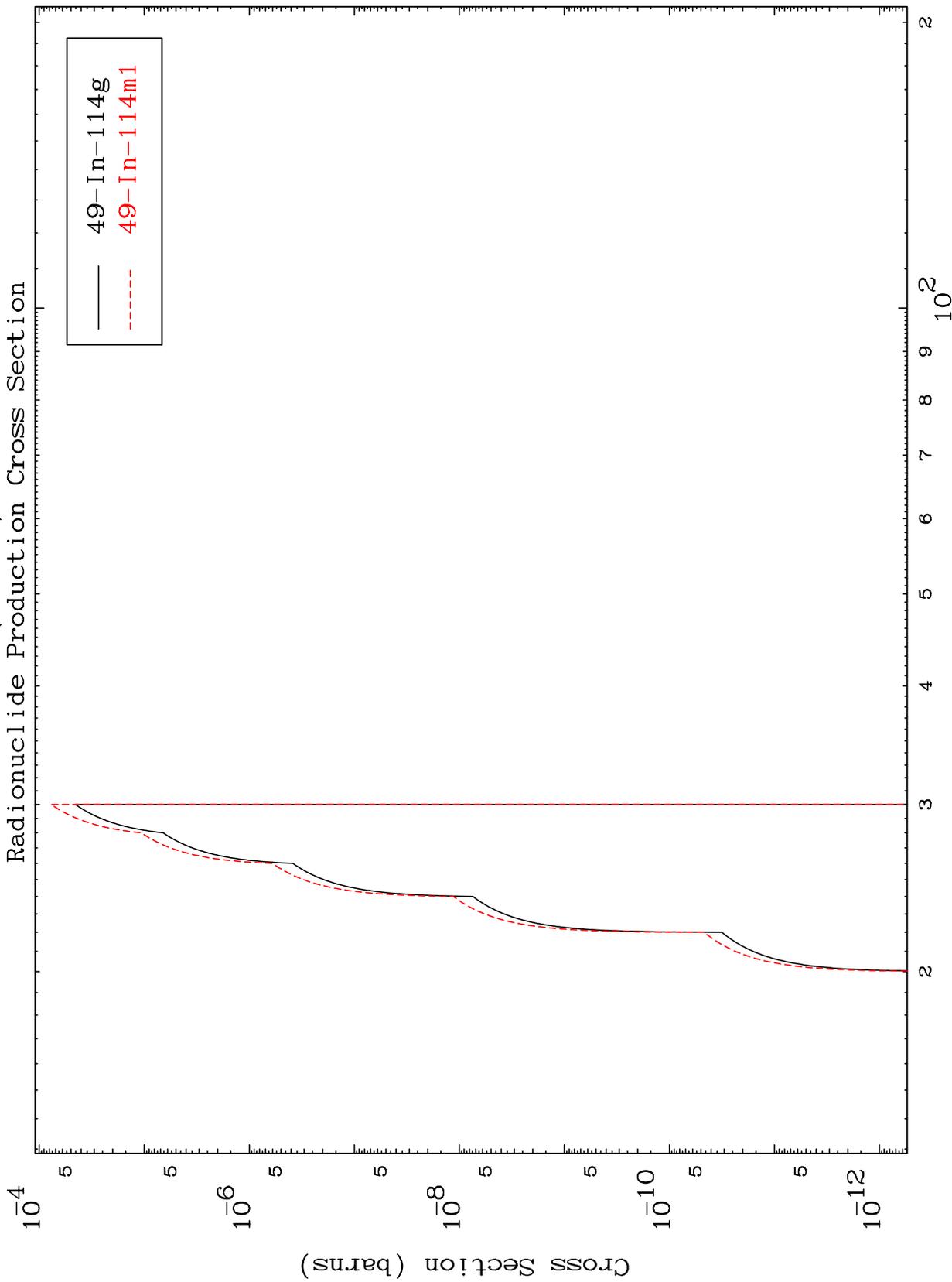


17

MAT 4926

49-In-113m

(n,He-3)  
Radionuclide Production Cross Section



18

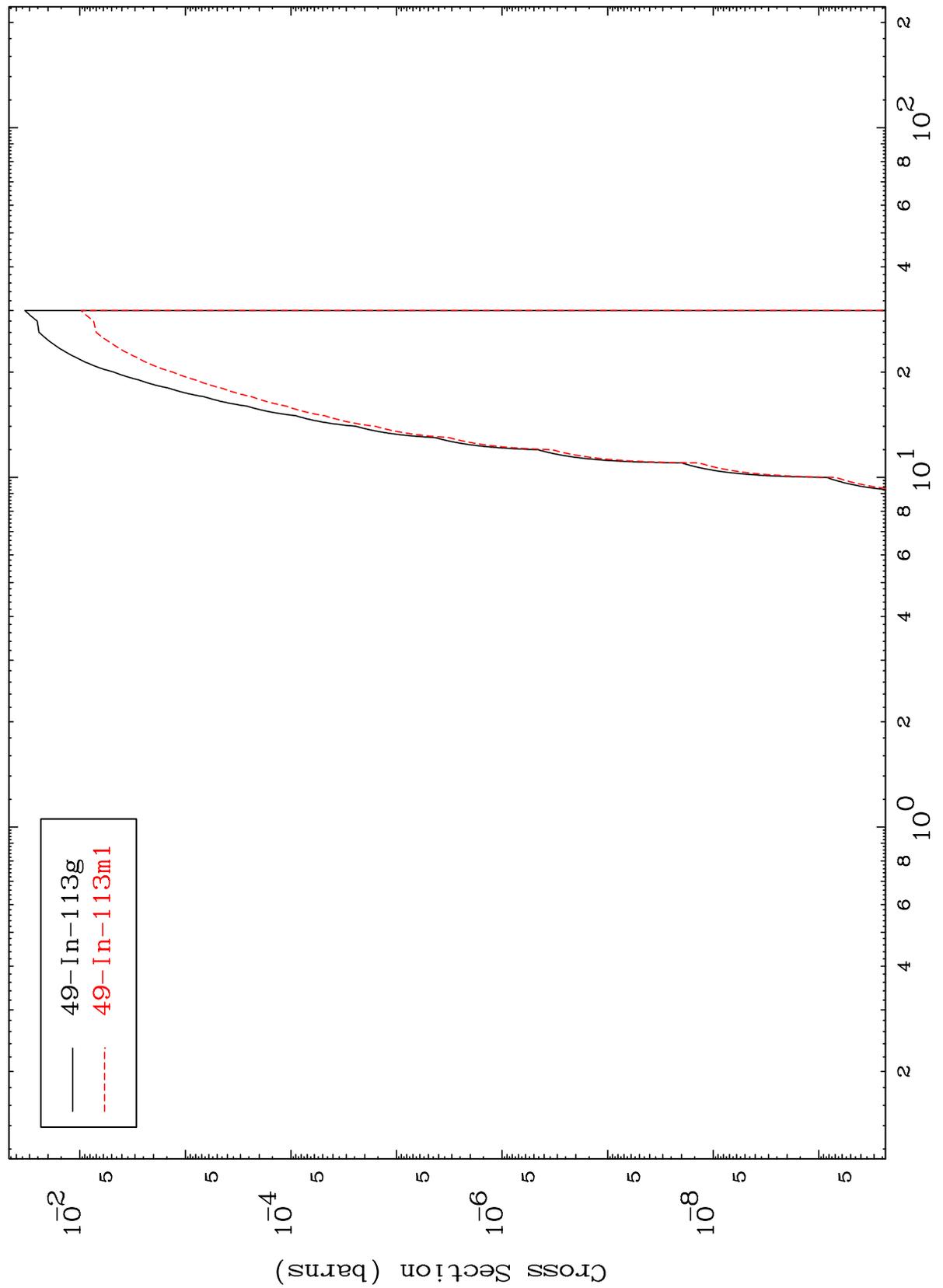
49-In-113m

Incident Energy (MeV)

MAT 4926

49-In-113m

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



49-In-113m

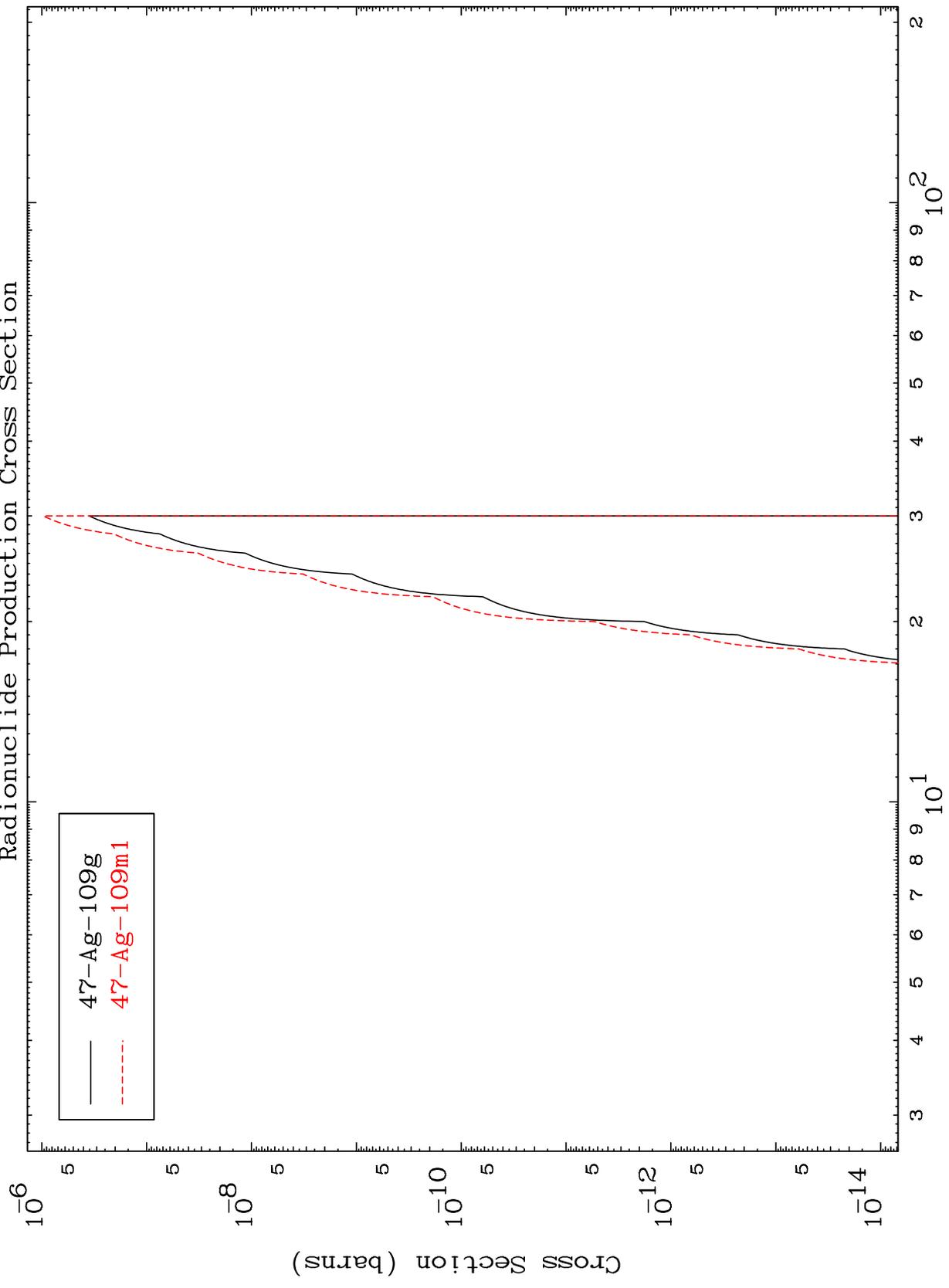
Incident Energy (MeV)

19

MAT 4926

49-In-113m

Radionuclide Production Cross Section



— 47-Ag-109g  
- - - 47-Ag-109m1

49-In-113m

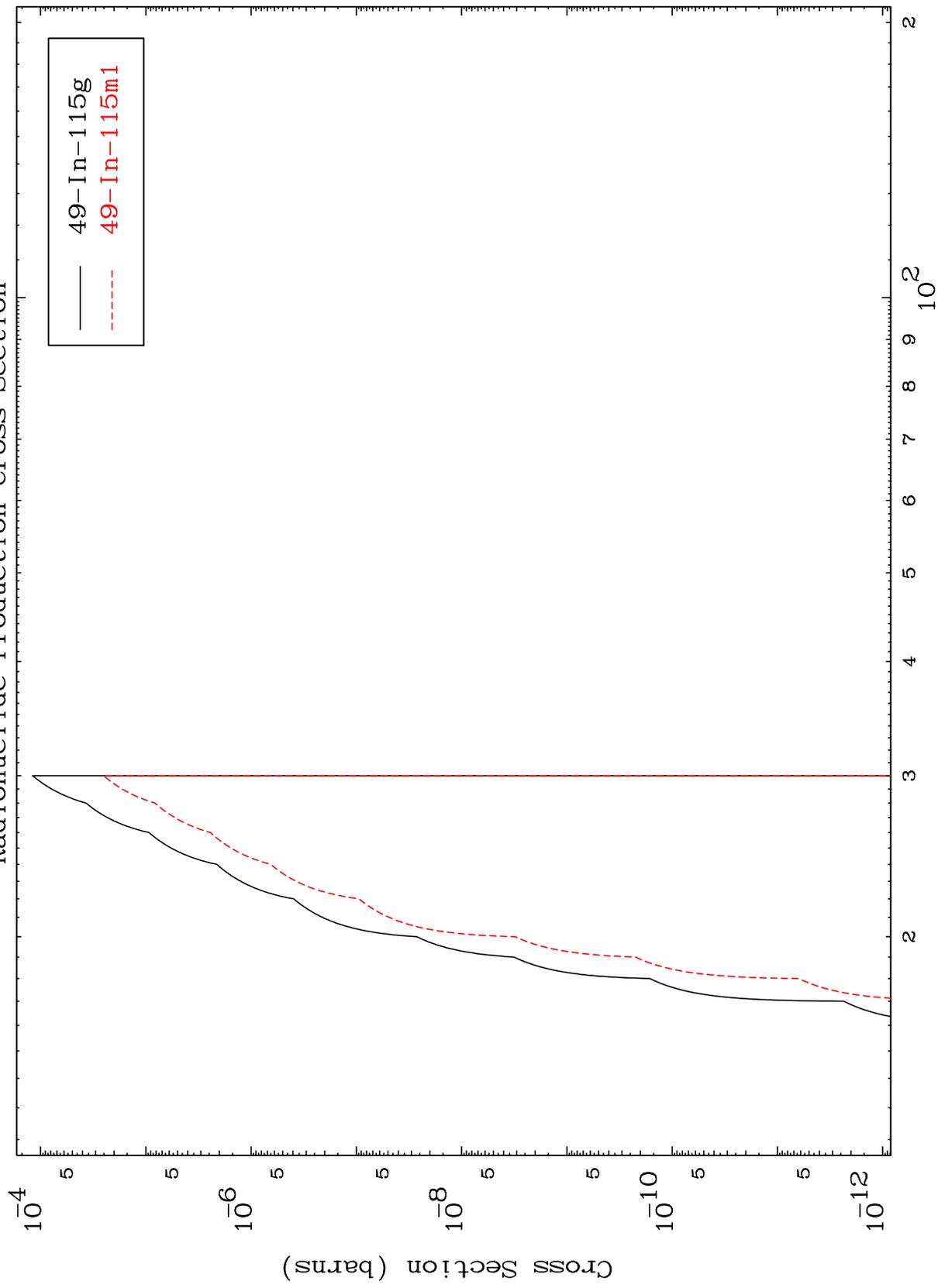
Incident Energy (MeV)

20

MAT 4926

49-In-113m

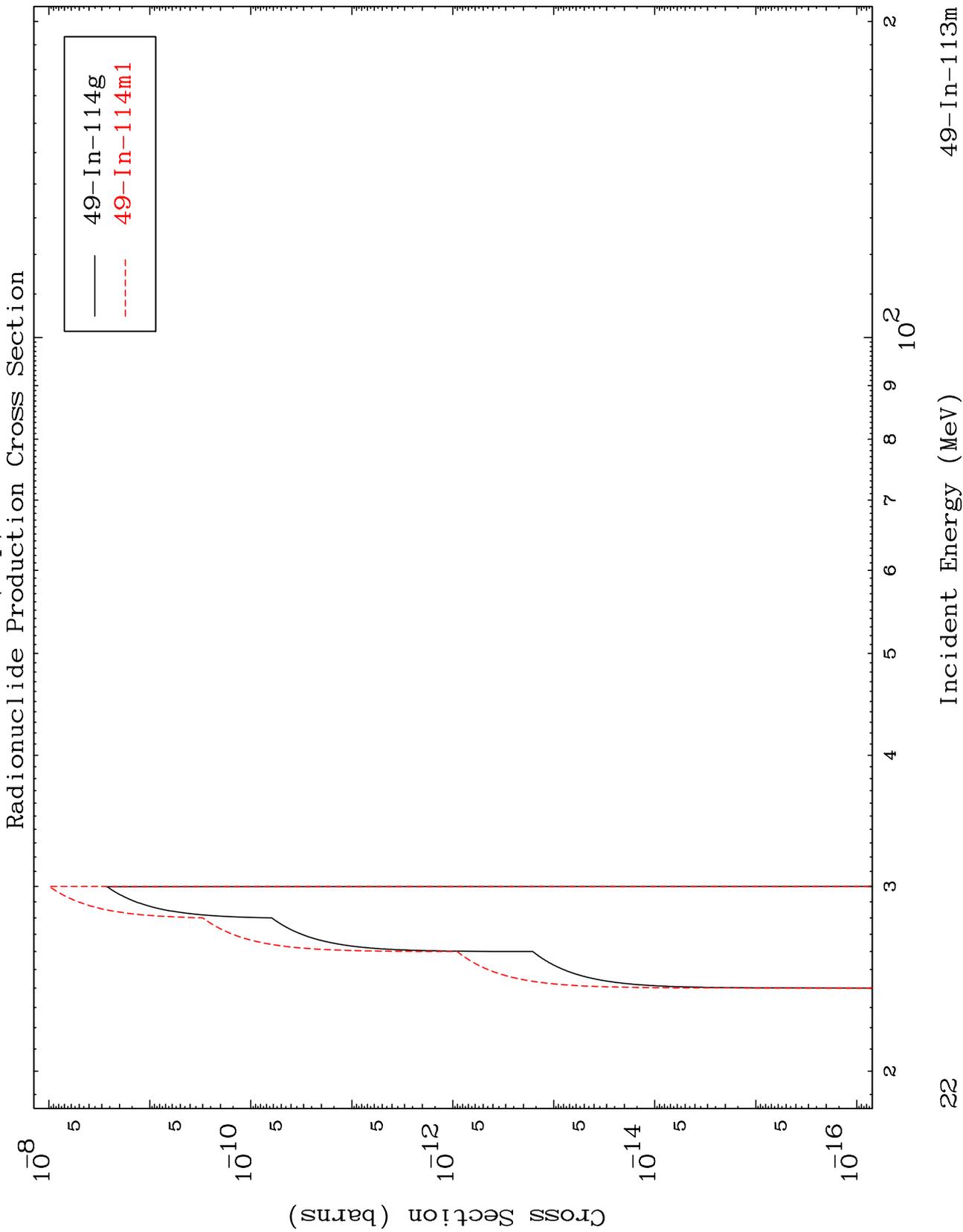
(n,2p)  
Radionuclide Production Cross Section



MAT 4926

(n,p) d

49-In-113m



22

Incident Energy (MeV)

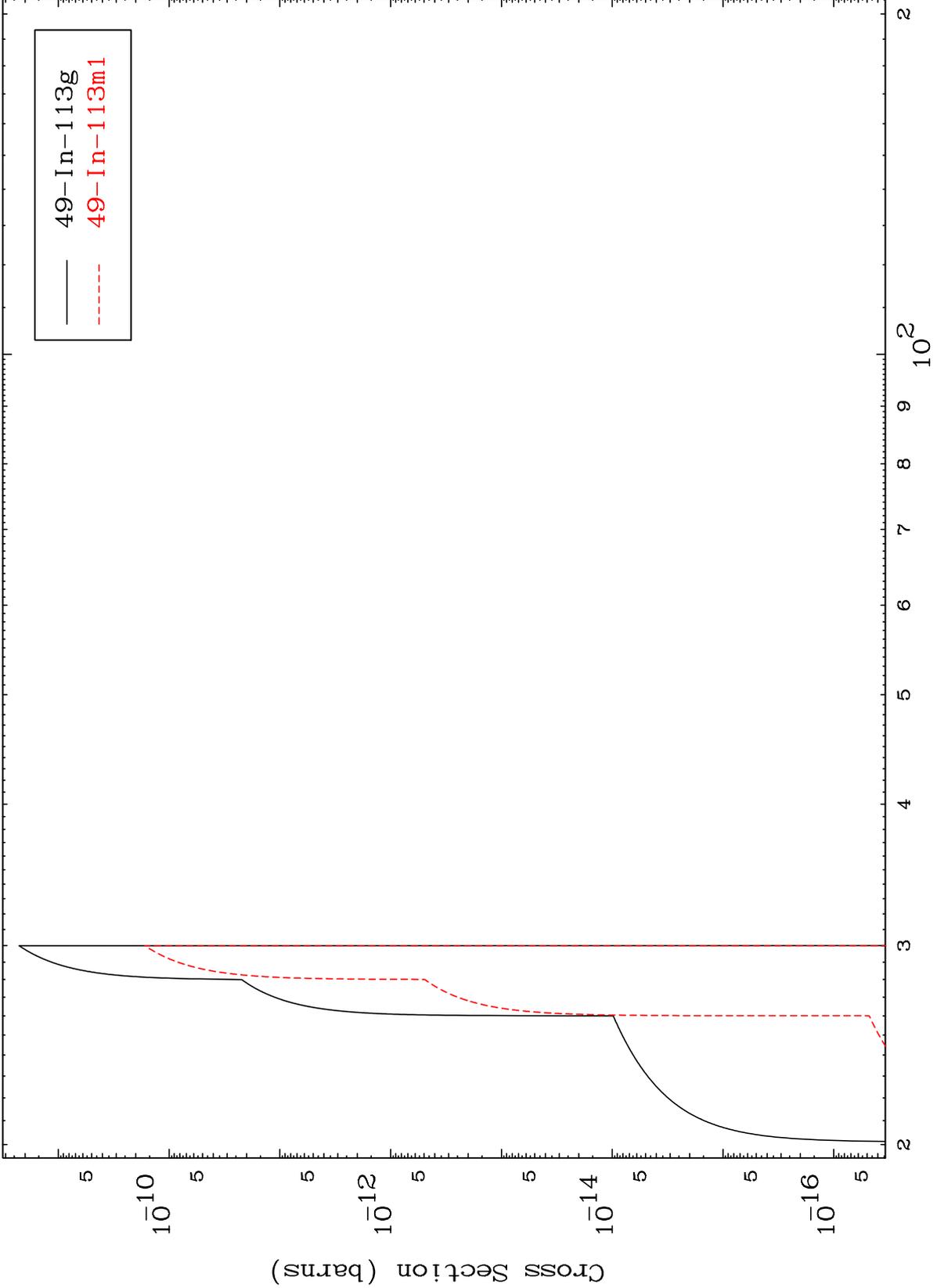
49-In-113m

MAT 4926

(n,p) t

49-In-113m

Radionuclide Production Cross Section



49-In-113g  
49-In-113m1