

Program EVALPLOT  
(Version 2021-1)

by

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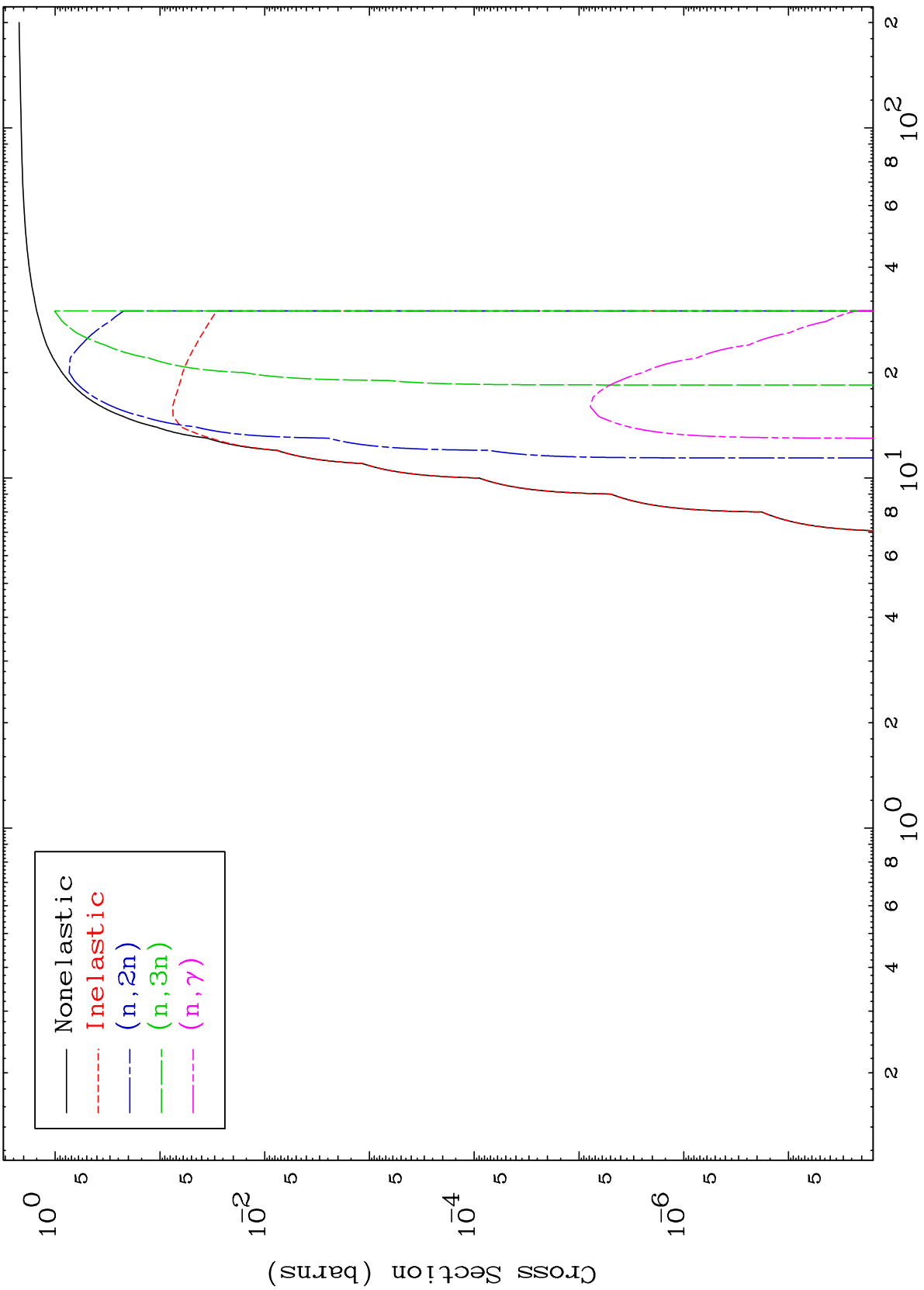
Press Mouse Button to Start

MAT 4947

$\alpha$  Major

49-In-120m

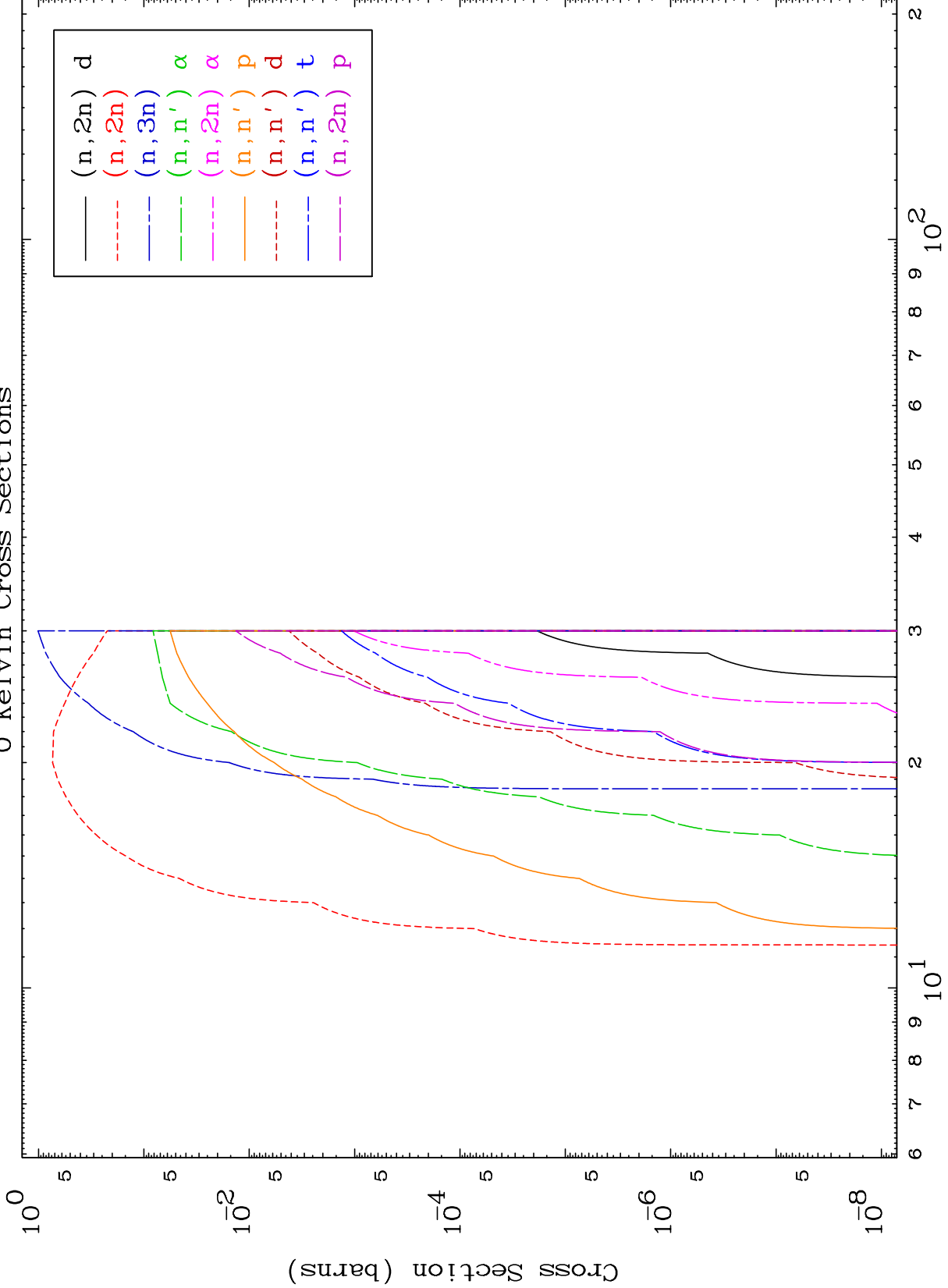
0 Kelvin Cross Sections



MAT 4947

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

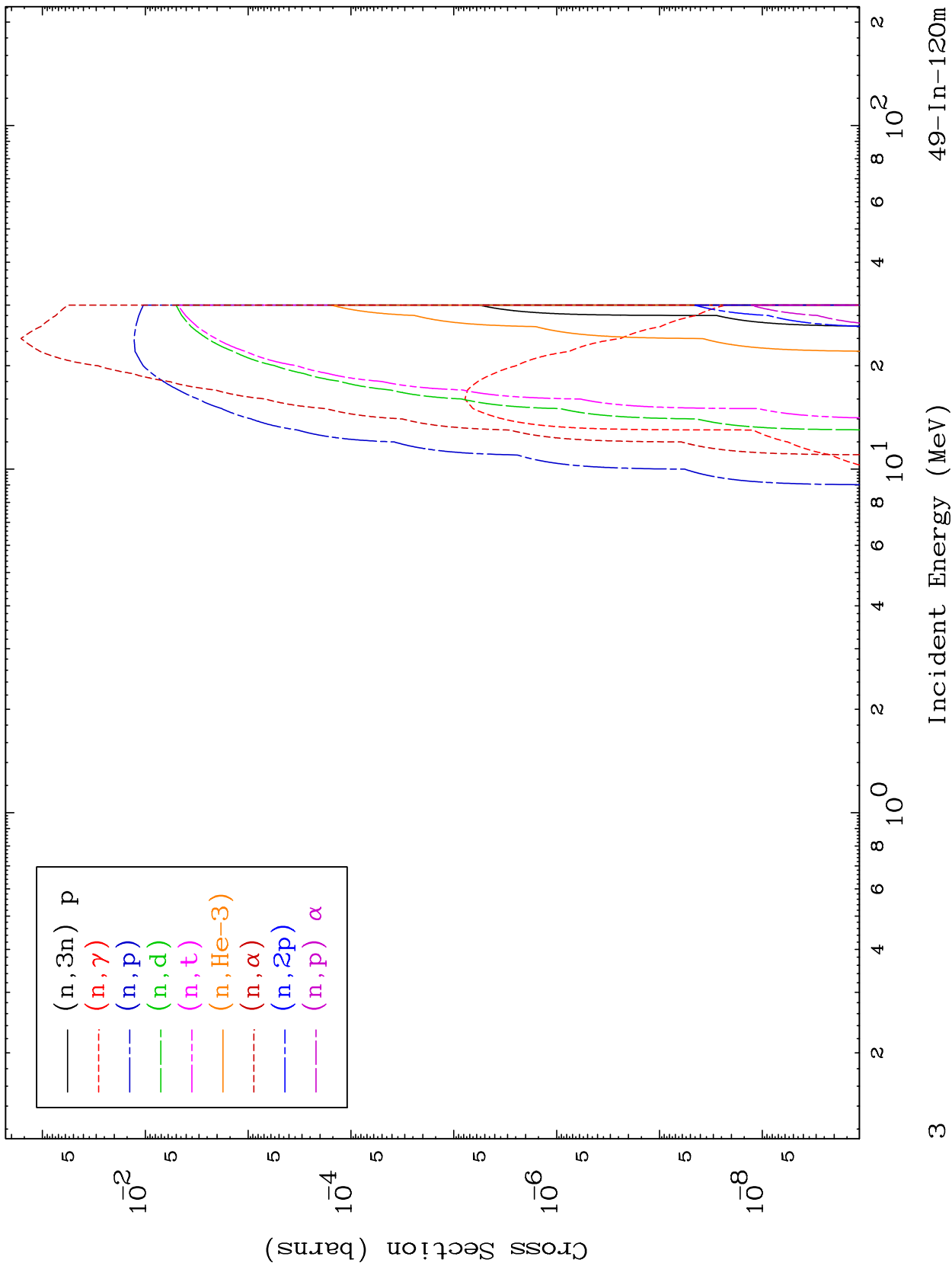
49-In-120m



MAT 4947

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

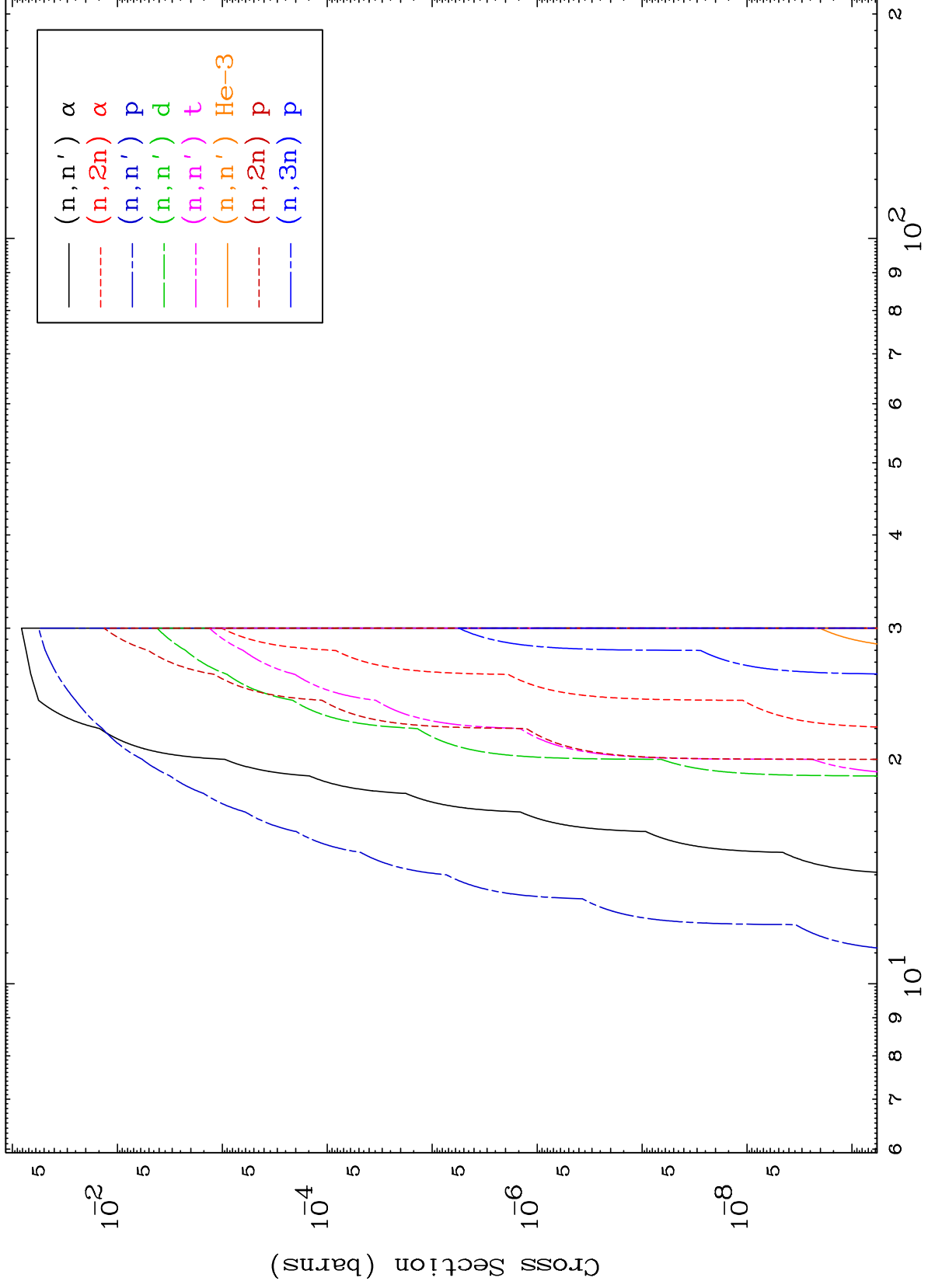
49-In-120m



MAT 4947

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

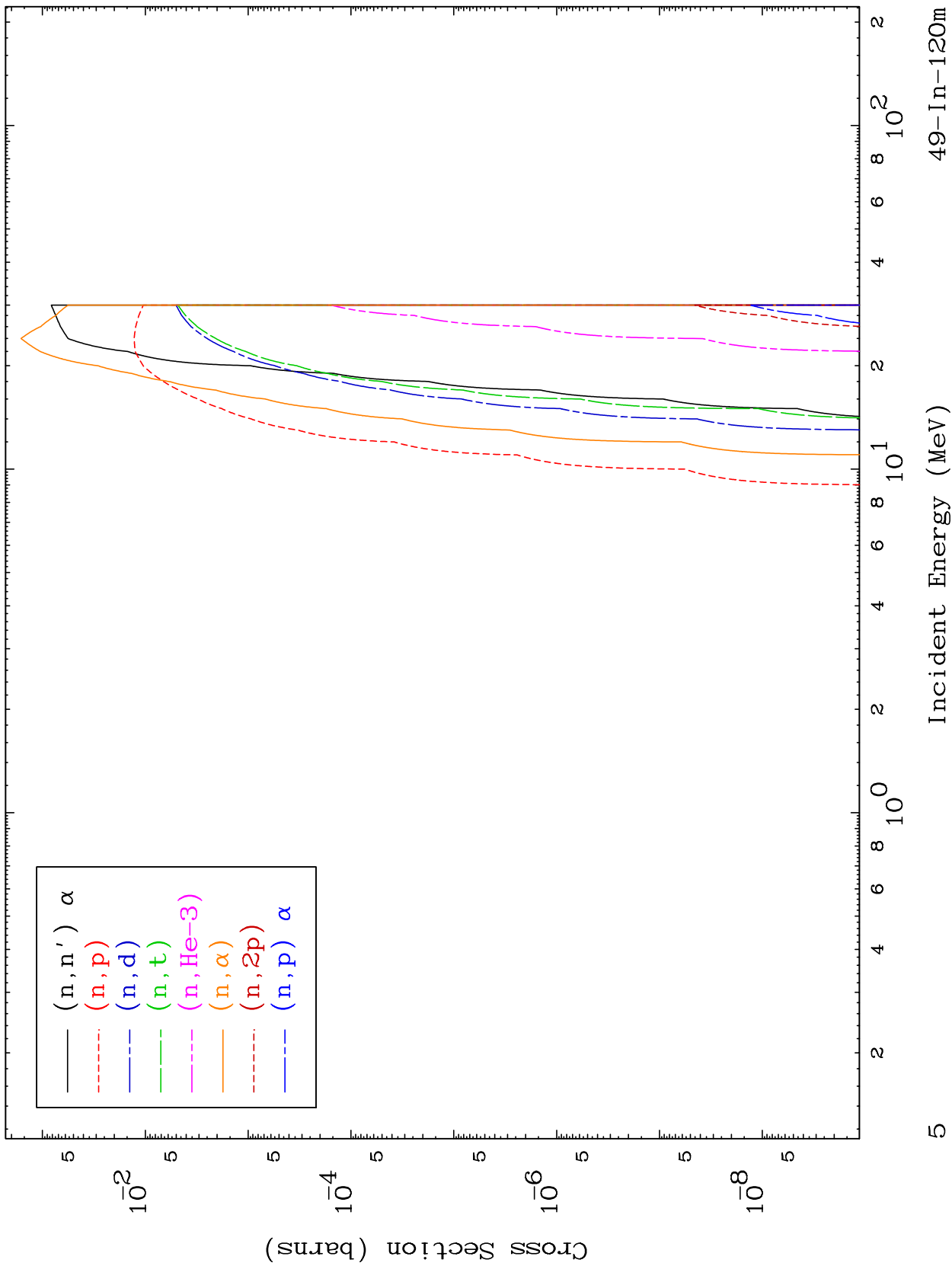
49-In-120m



MAT 4947

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

49-In-120m

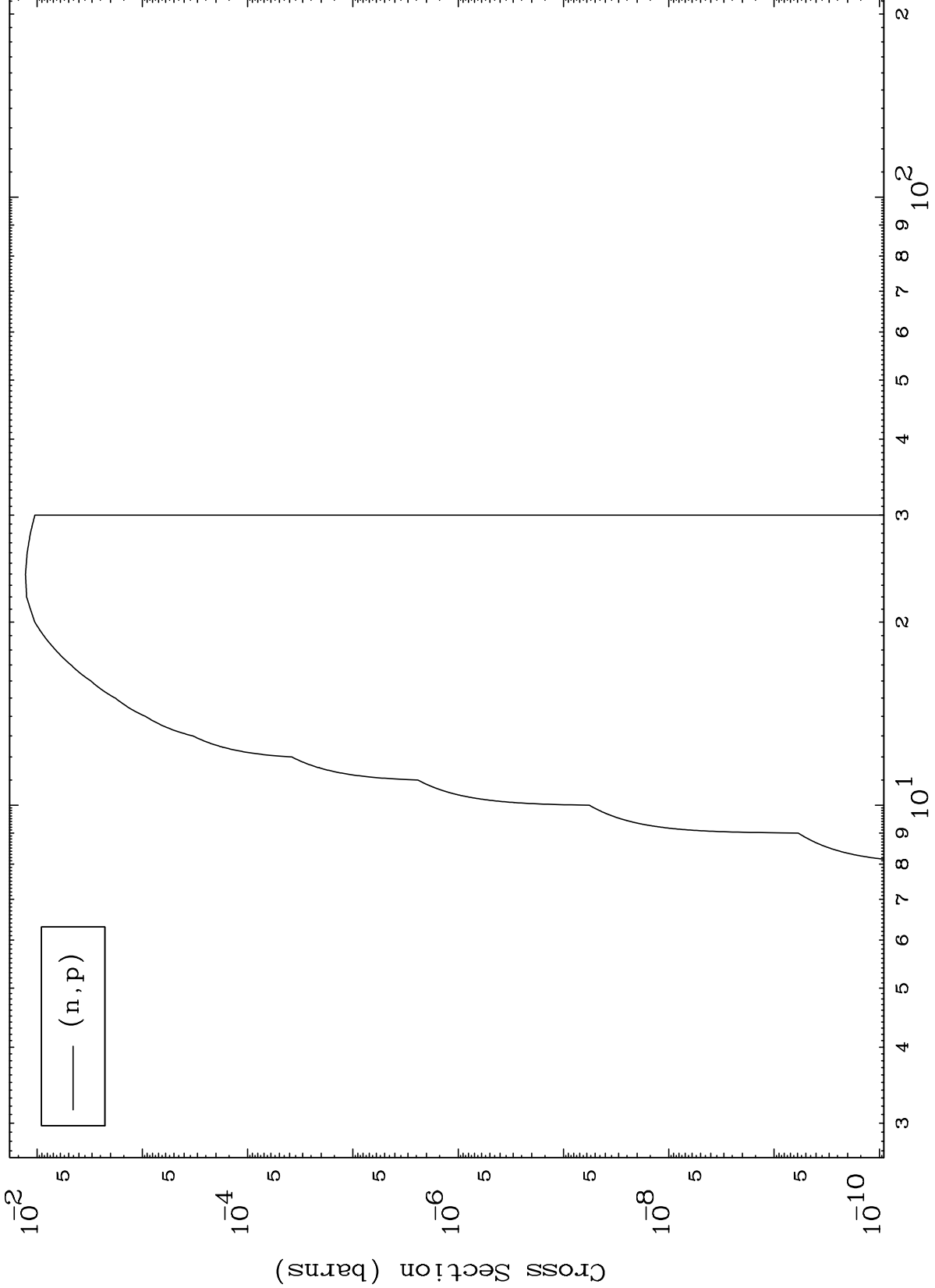


MAT 4947

( $\alpha, p$ ) Levels

49-In-120m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

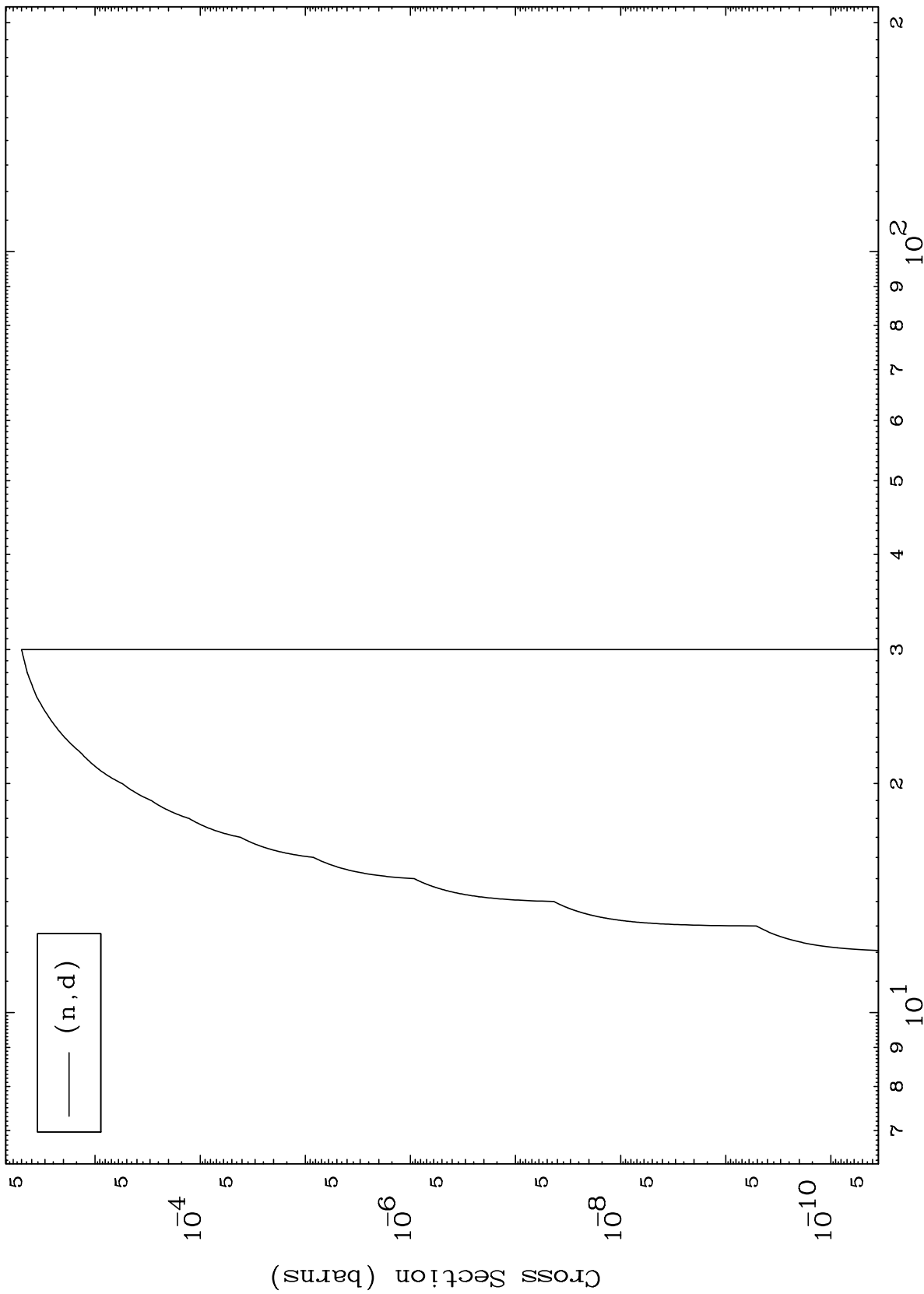
49-In-120m

MAT 4947

( $\alpha, d$ ) Levels

49-In-120m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

49-In-120m

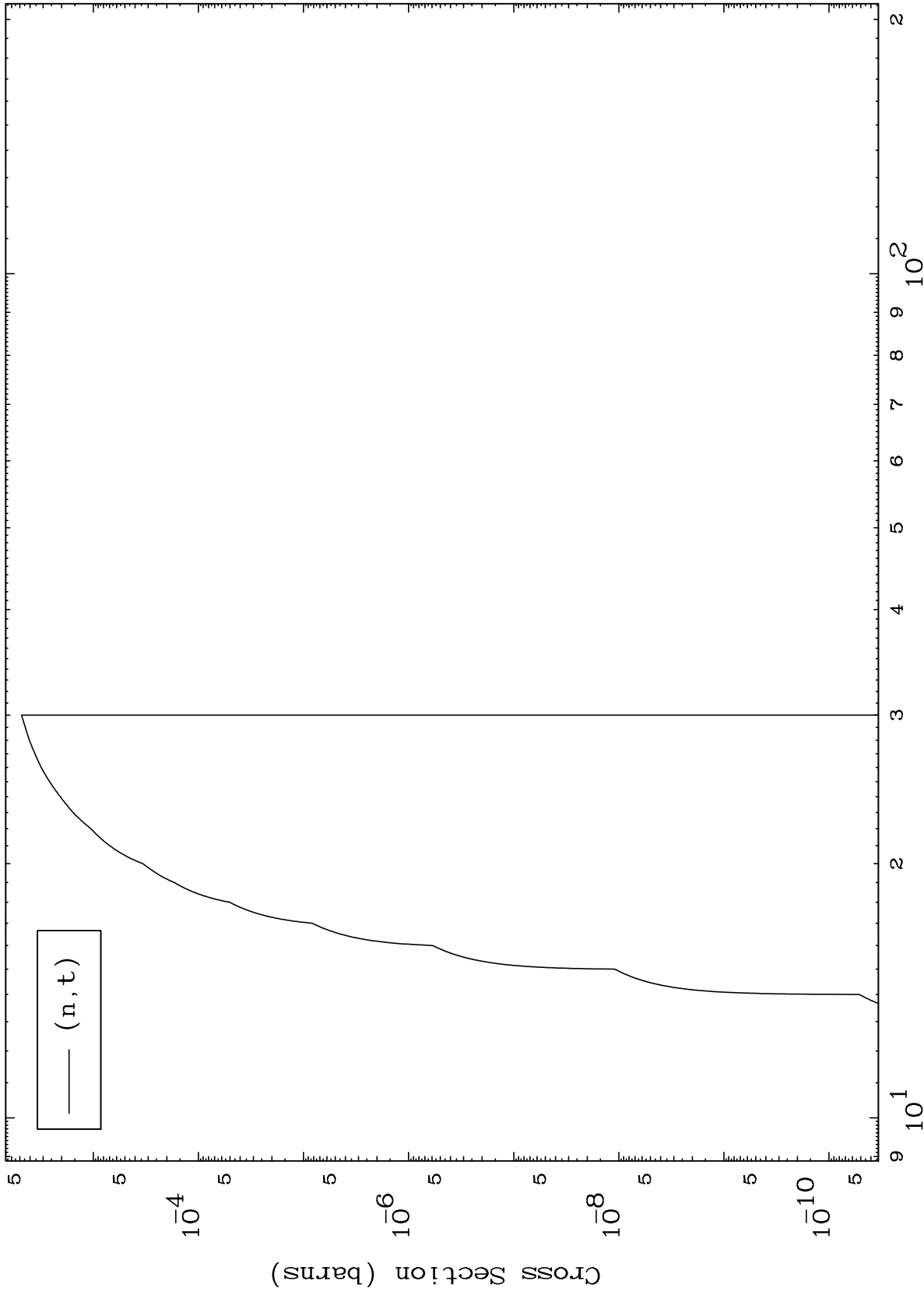


MAT 4947

( $\alpha, t$ ) Levels

49-In-120m

0 Kelvin Cross Sections



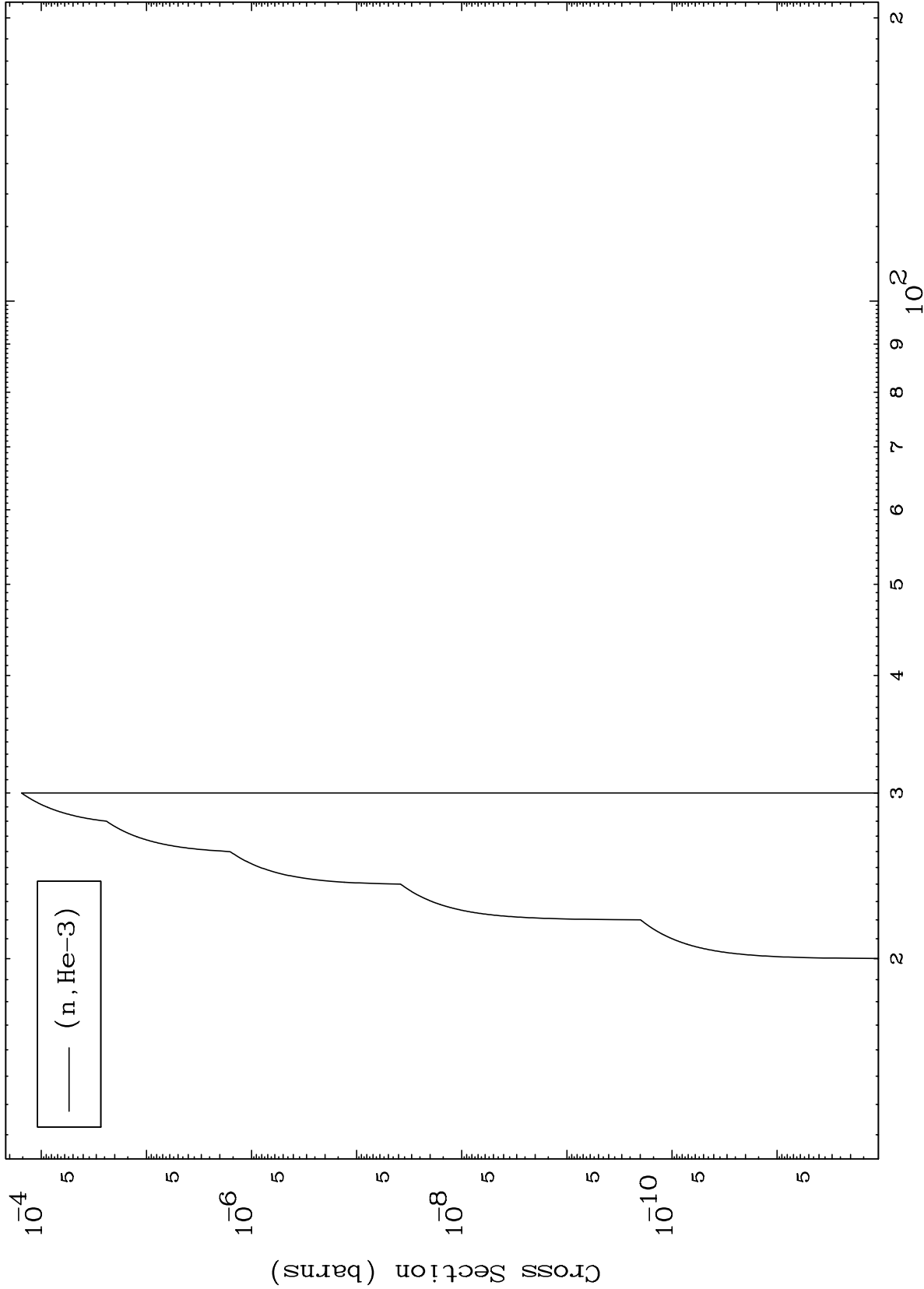
Incident Energy (MeV)

49-In-120m

MAT 4947

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

49-In-120m

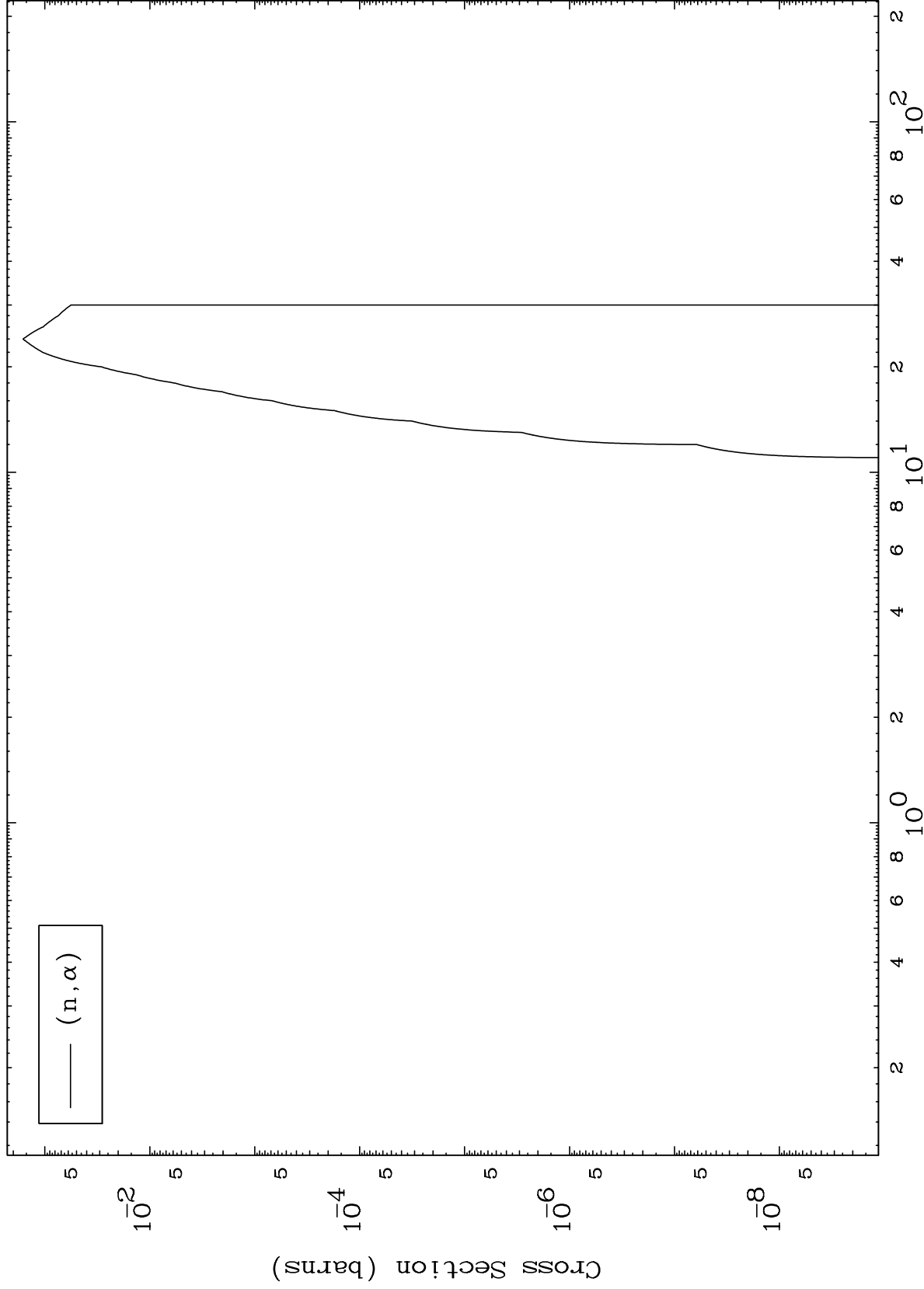


MAT 4947

( $\alpha, \alpha$ ) Levels

49-In-120m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

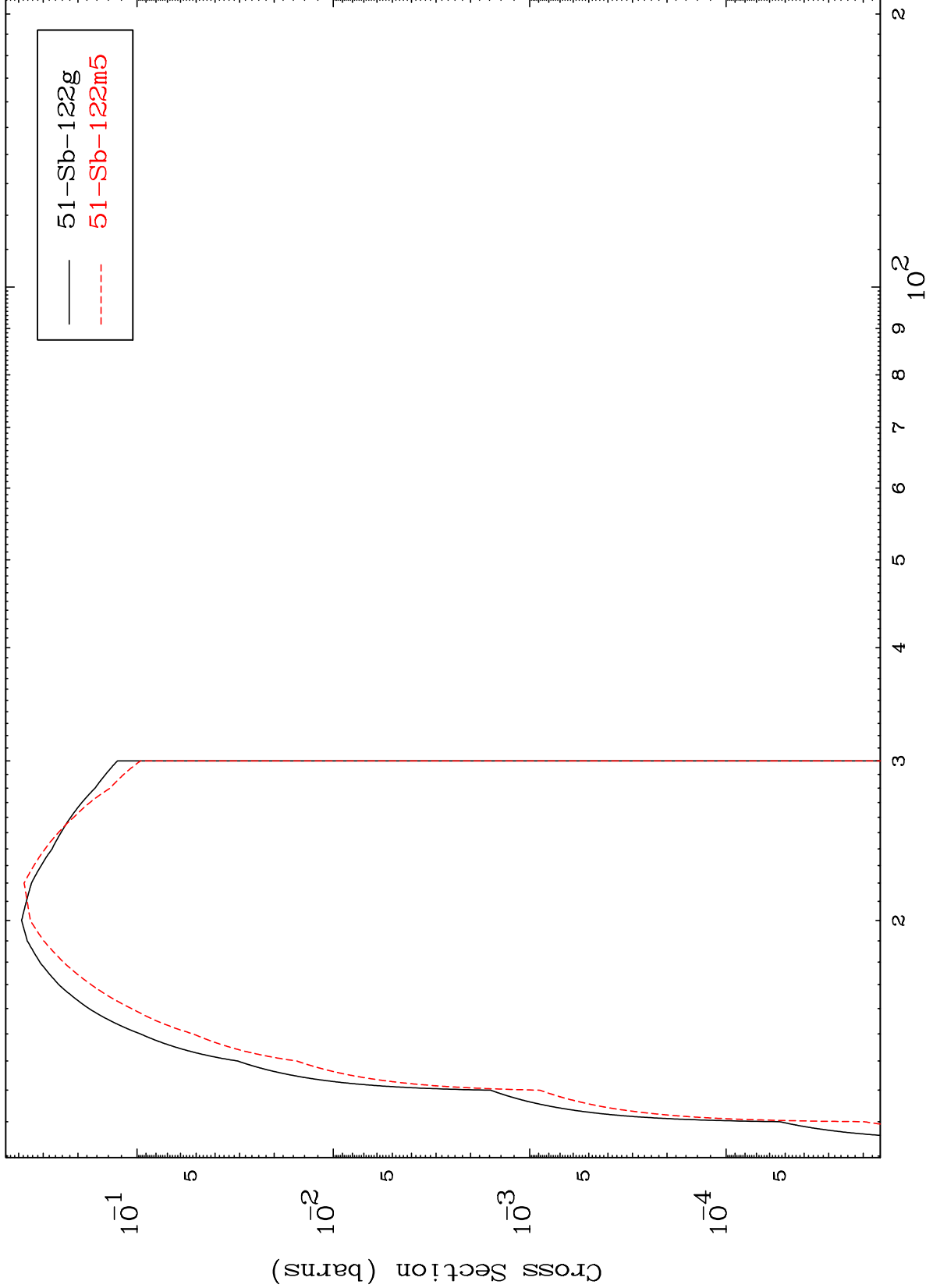
49-In-120m

MAT 4947

(n,2n)

49-In-120m

Radionuclide Production Cross Section

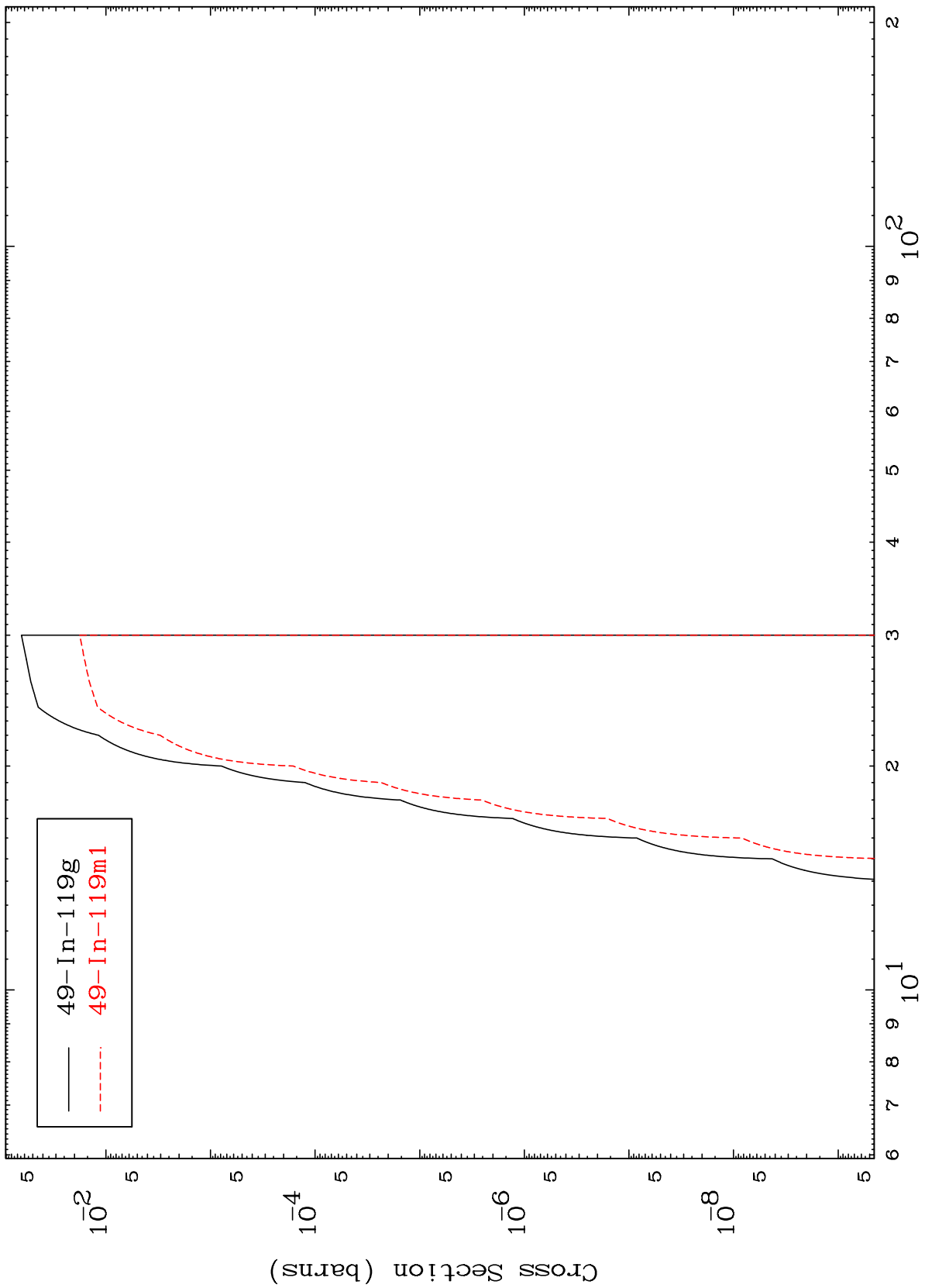


MAT 4947

(n,n')  $\alpha$

49-In-120m

Radionuclide Production Cross Section

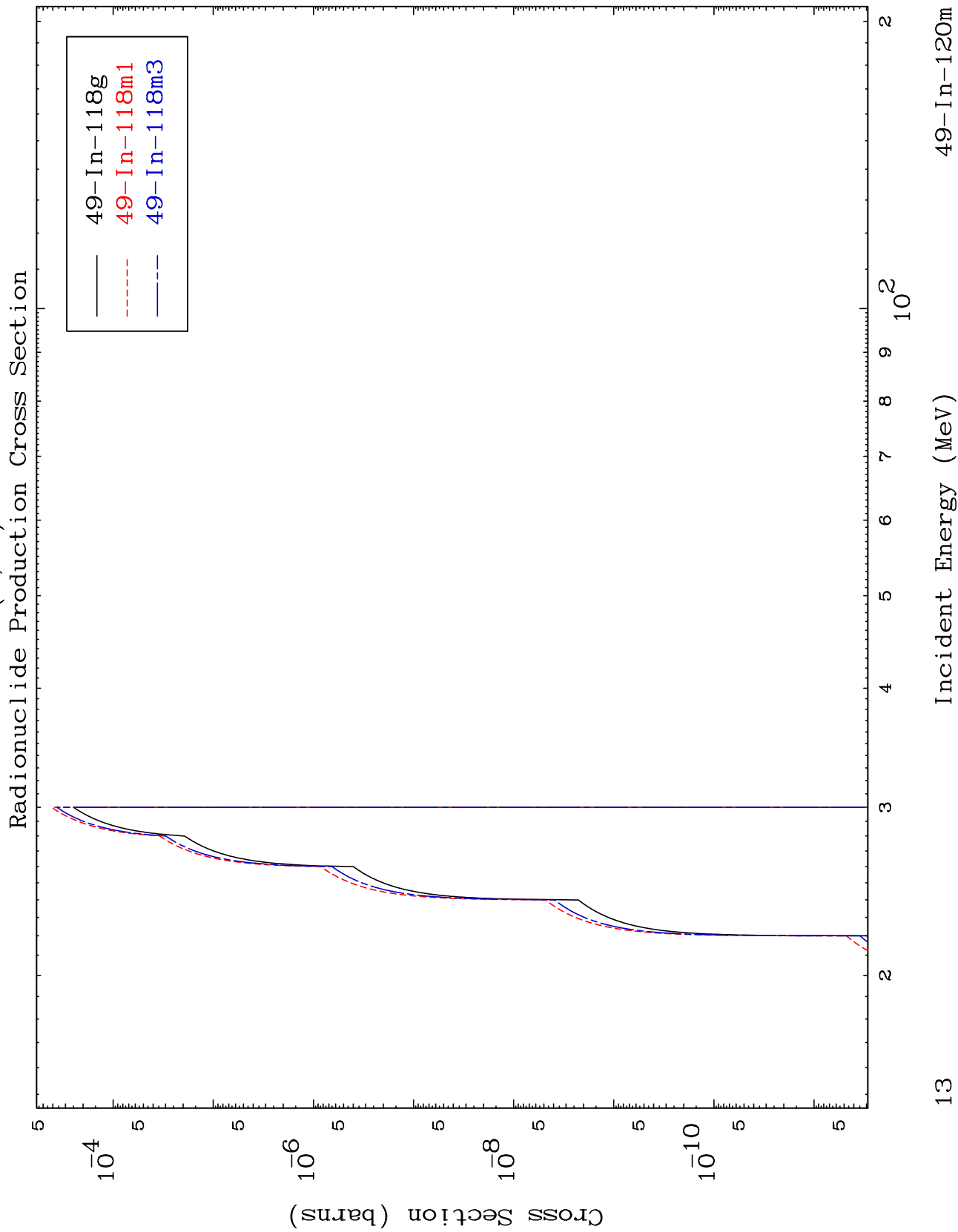


Legend:  
— 49-In-119g  
- - - 49-In-119m1

MAT 4947

(n,2n)  $\alpha$

49-In-120m



13

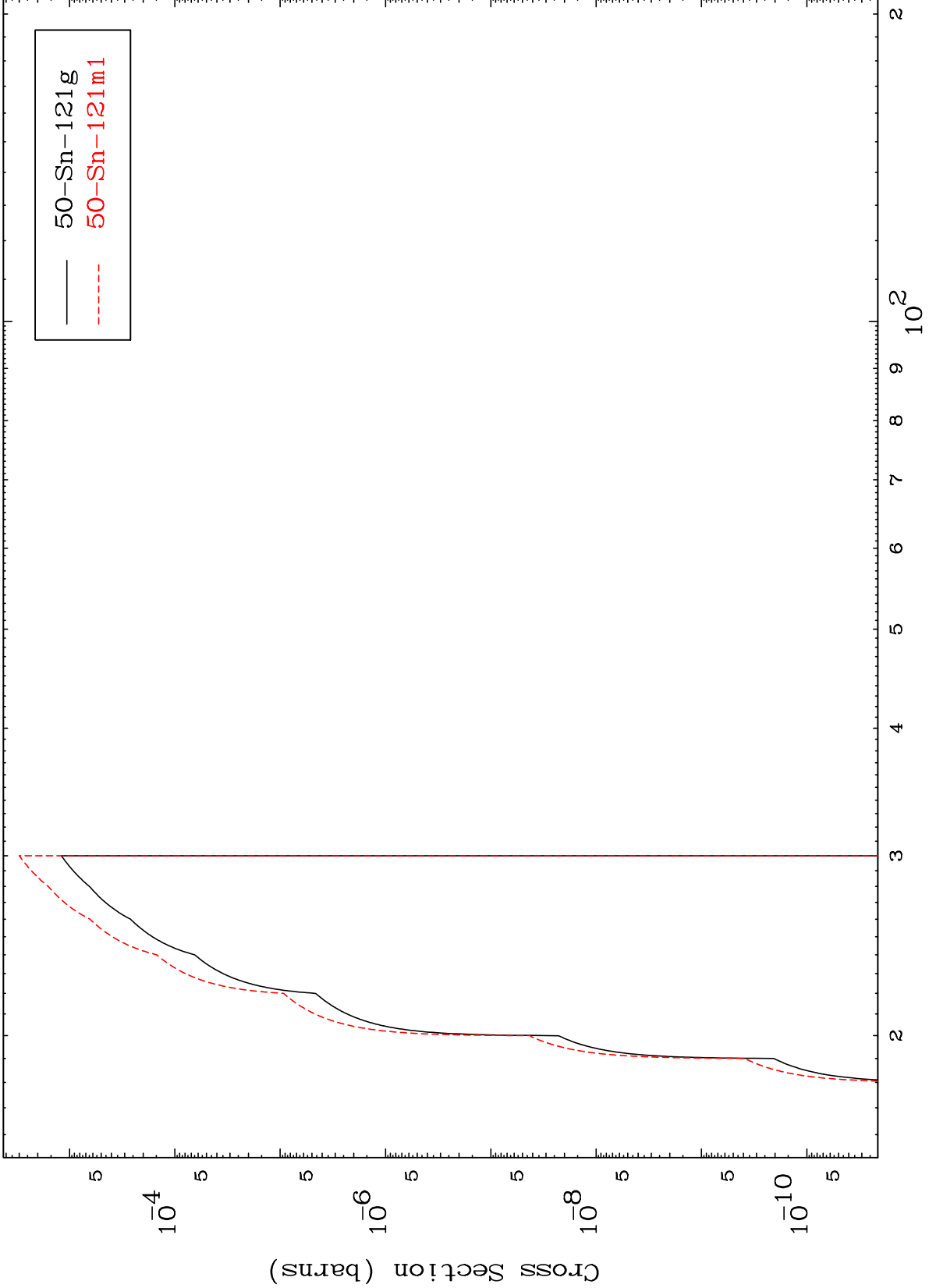
49-In-120m

MAT 4947

(n,n') d

49-In-120m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

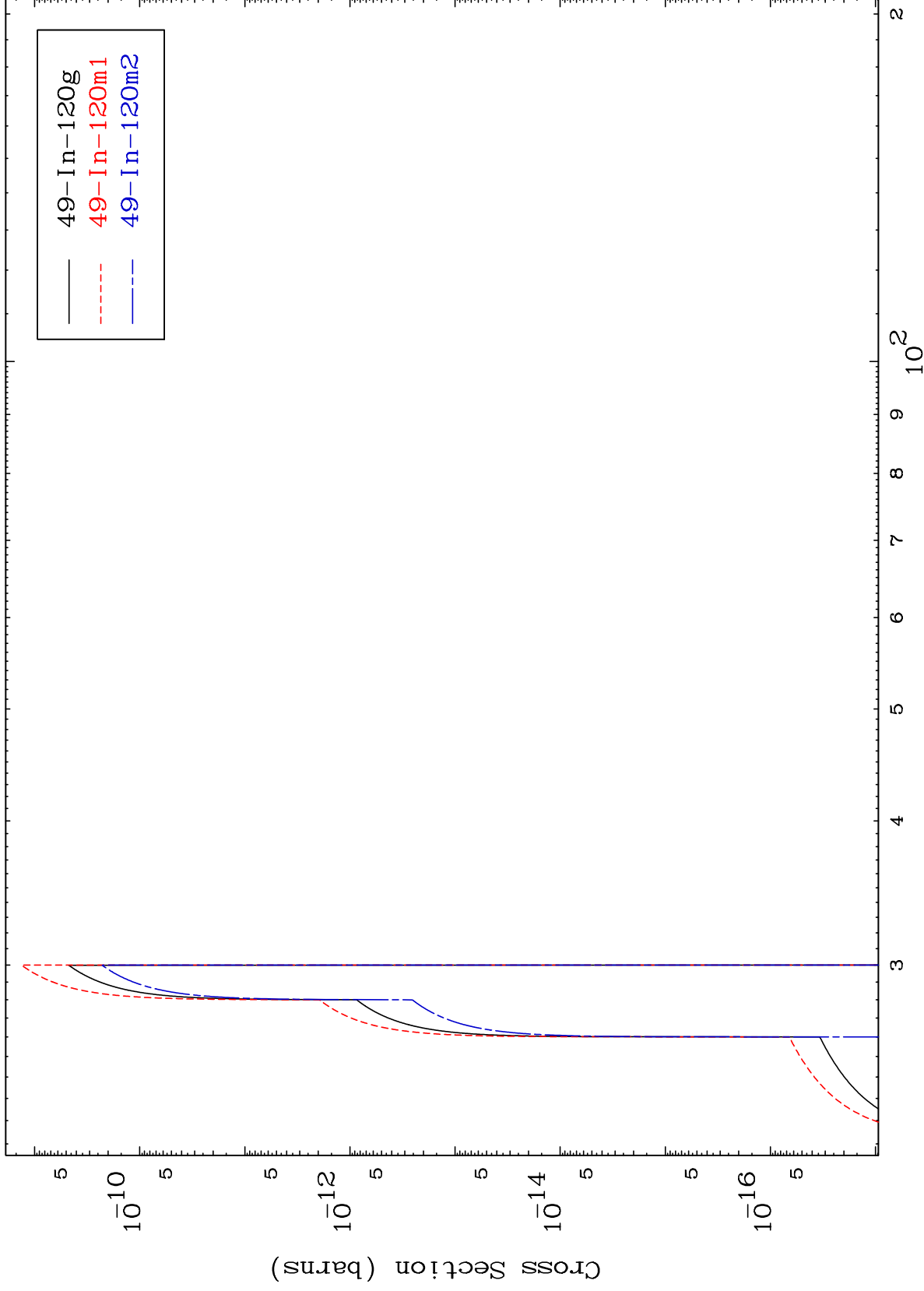
49-In-120m

MAT 4947

(n,n') He-3

49-In-120m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-120m

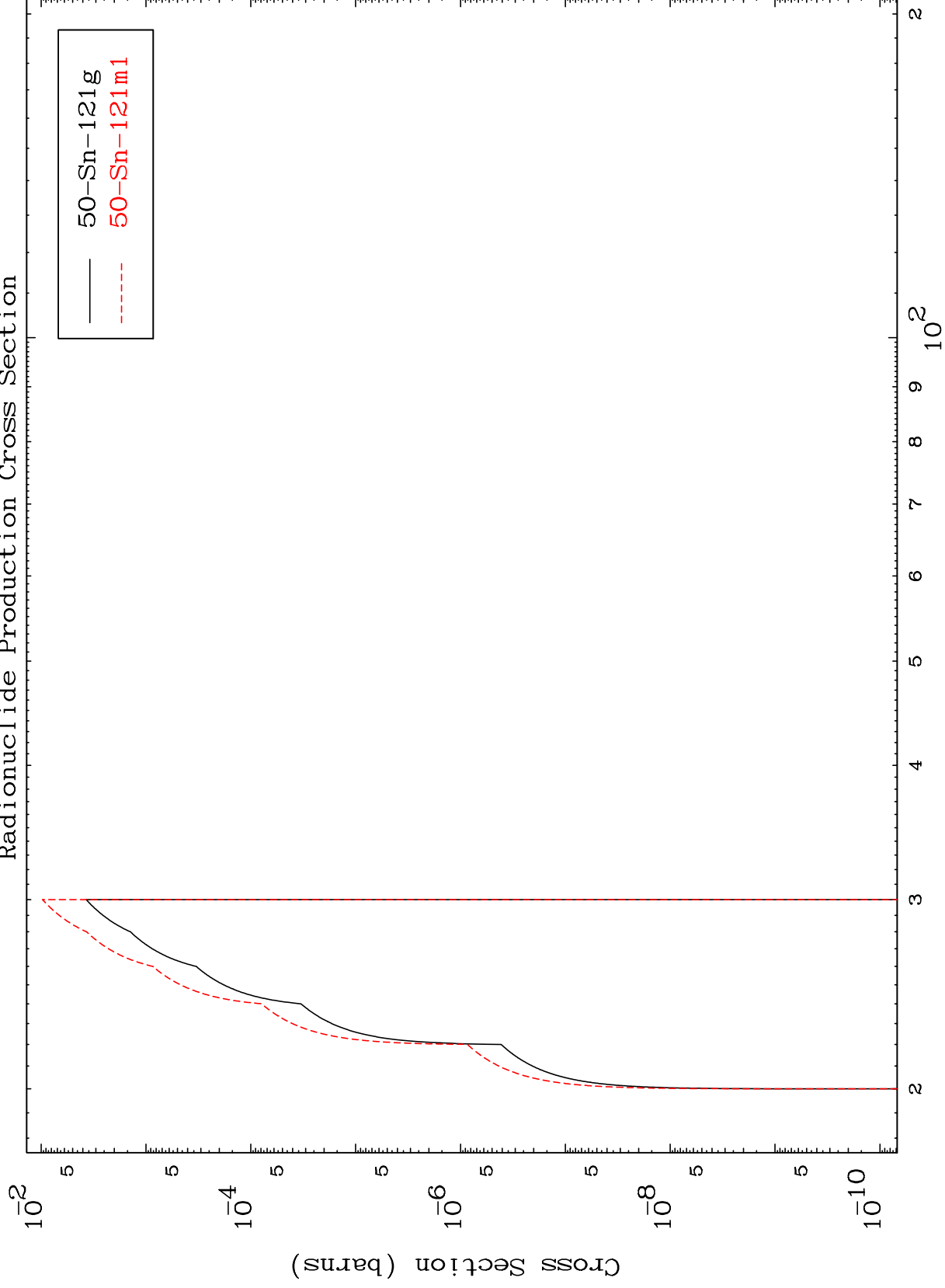


MAT 4947

(n,2n) p

49-In-120m

Radionuclide Production Cross Section



16

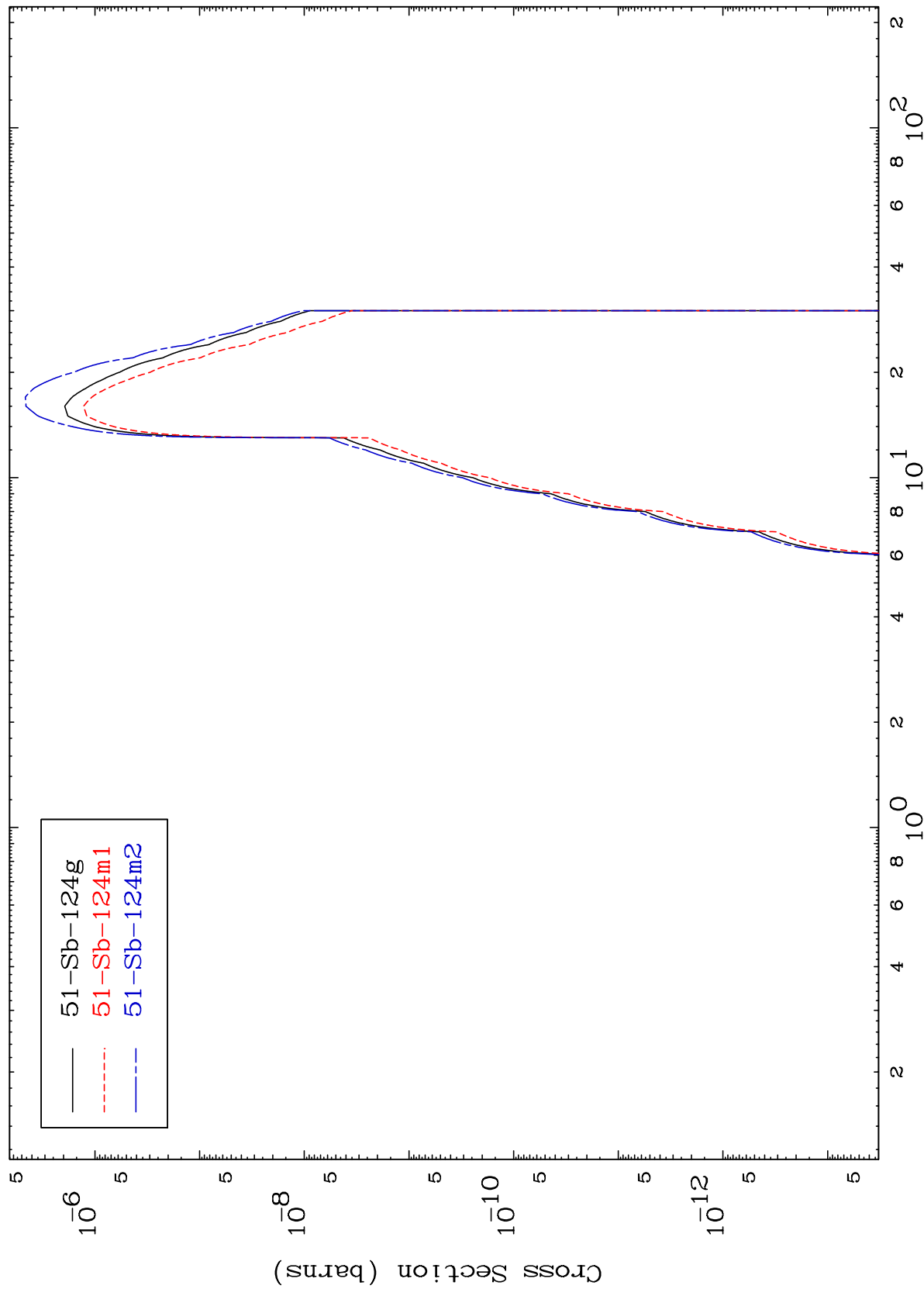
Incident Energy (MeV)

49-In-120m

MAT 4947

49-In-120m

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



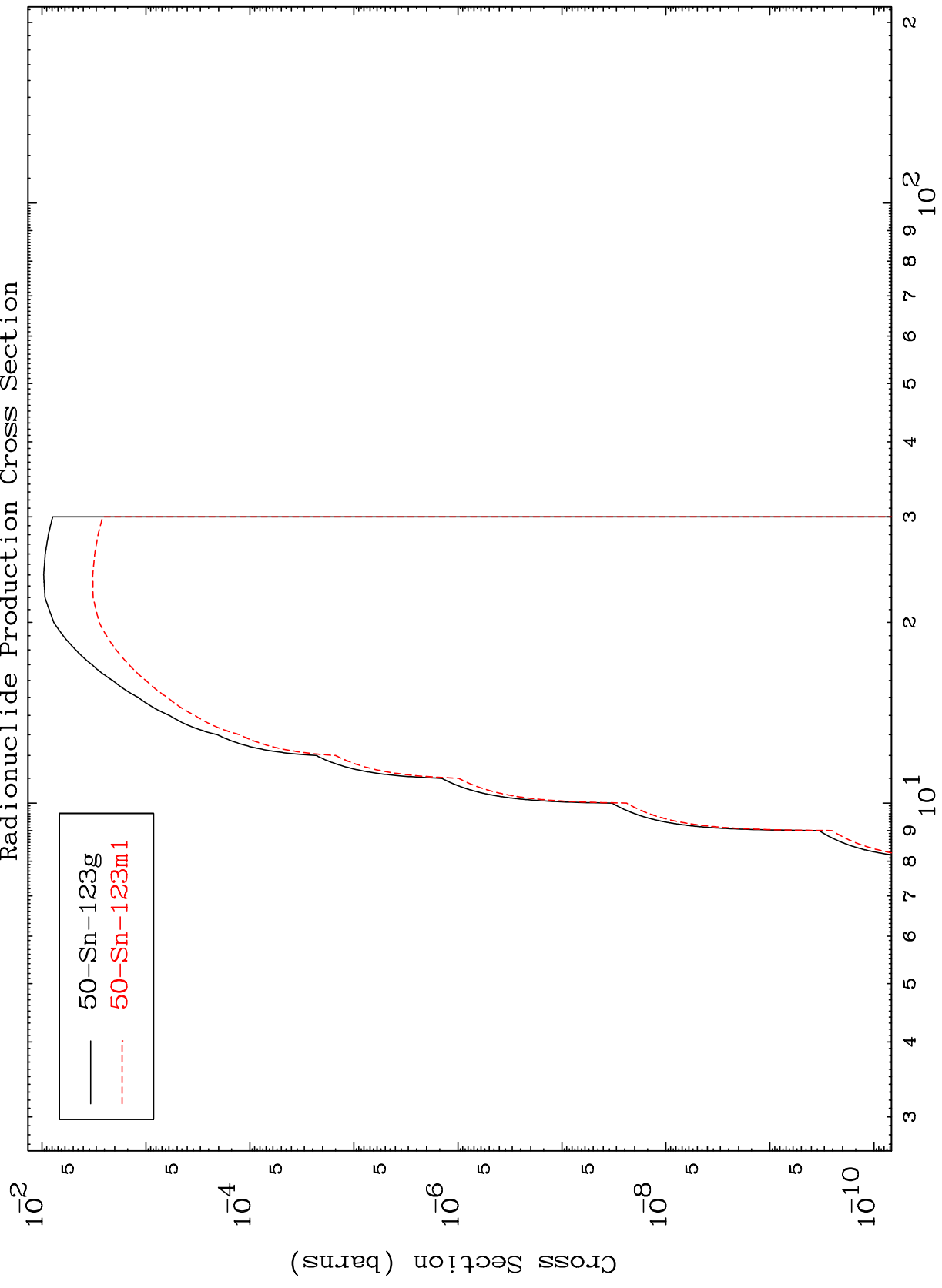
49-In-120m

Incident Energy (MeV)

MAT 4947

Radionuclide Production Cross Section  
(n,p)

49-In-120m



18

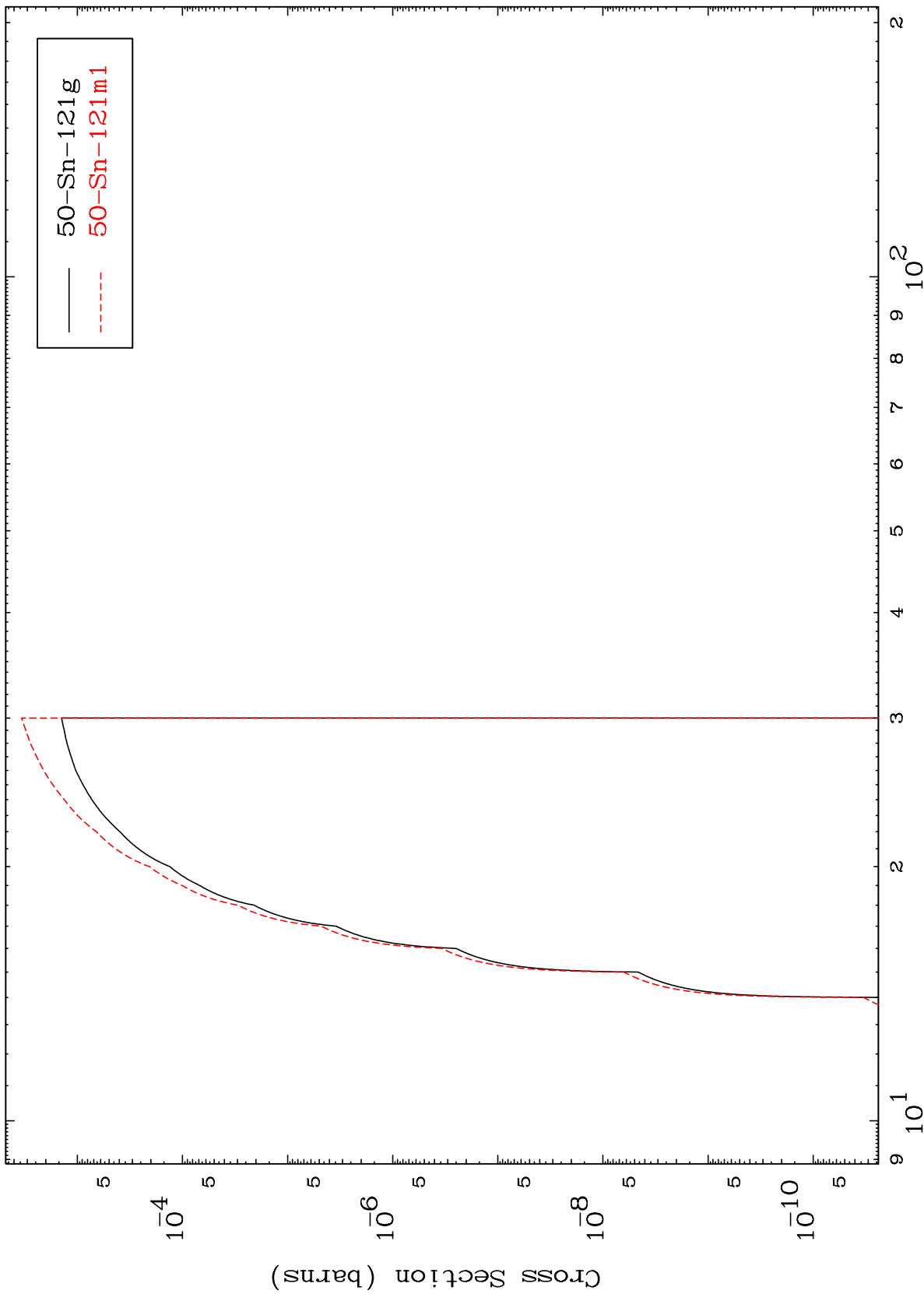
Incident Energy (MeV)

49-In-120m

MAT 4947

49-In-120m

(n,t)  
Radionuclide Production Cross Section



49-In-120m

Incident Energy (MeV)

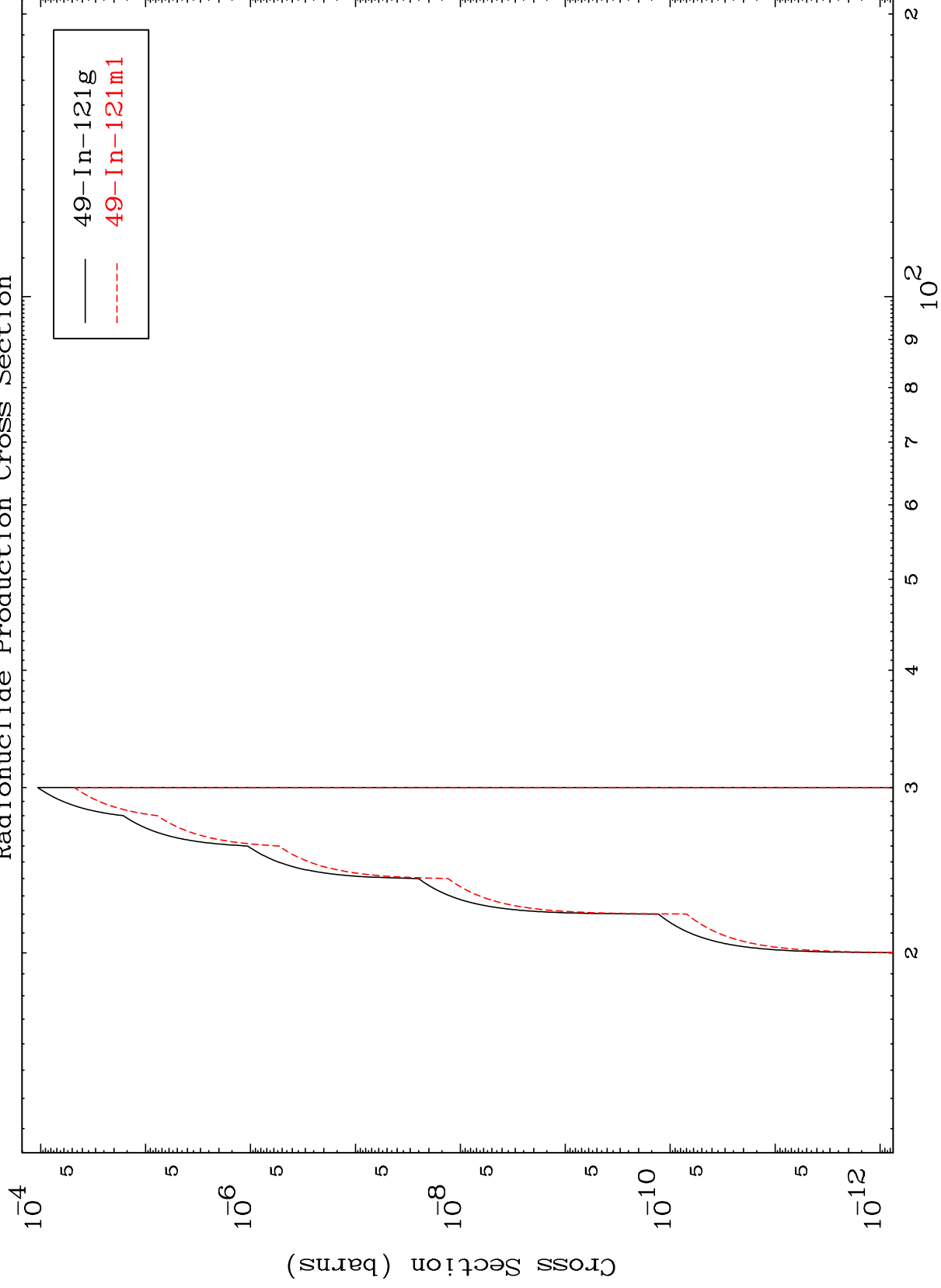
19

MAT 4947

(n,He-3)

49-In-120m

Radionuclide Production Cross Section



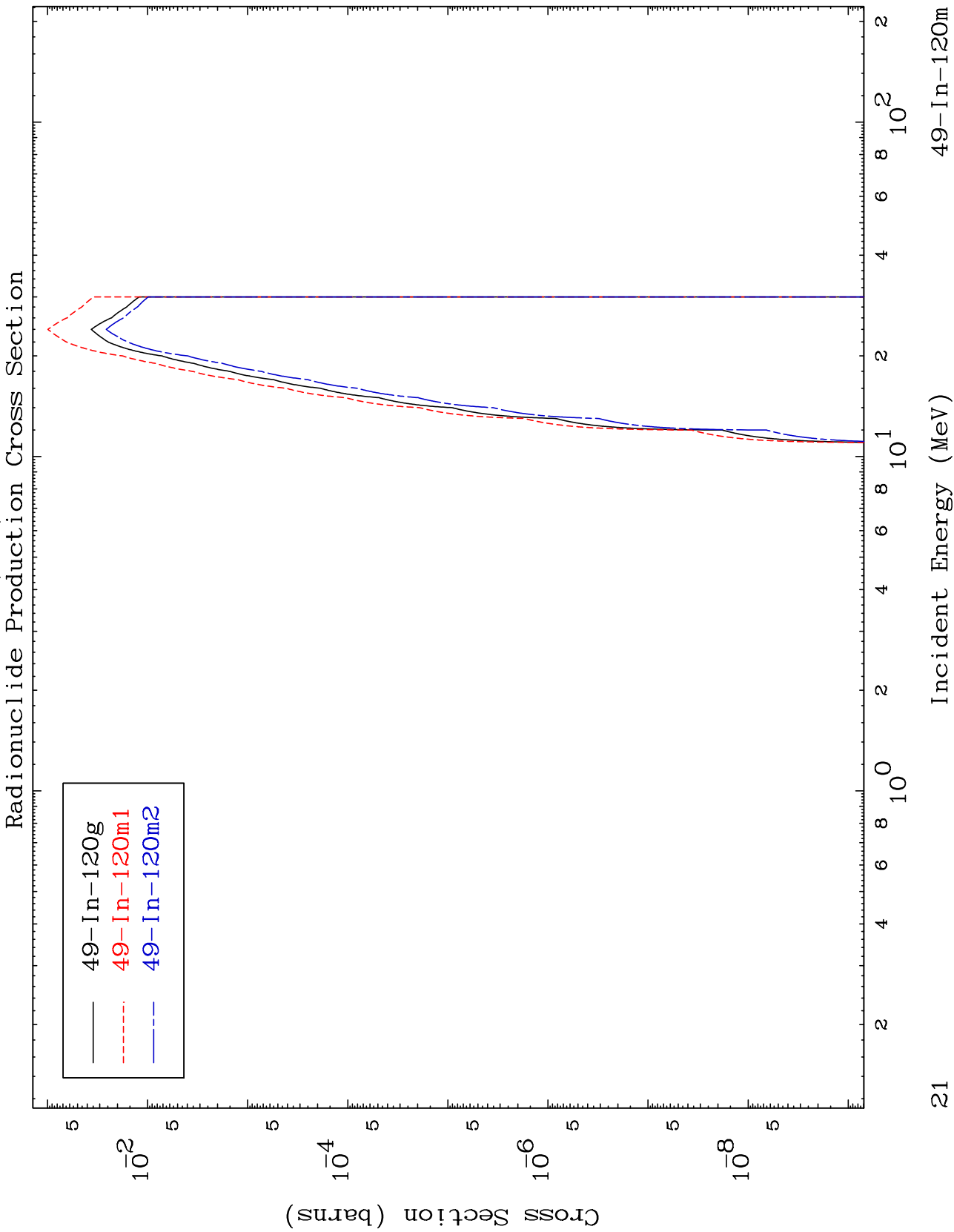
20

Incident Energy (MeV)

49-In-120m

MAT 4947

49-In-120m

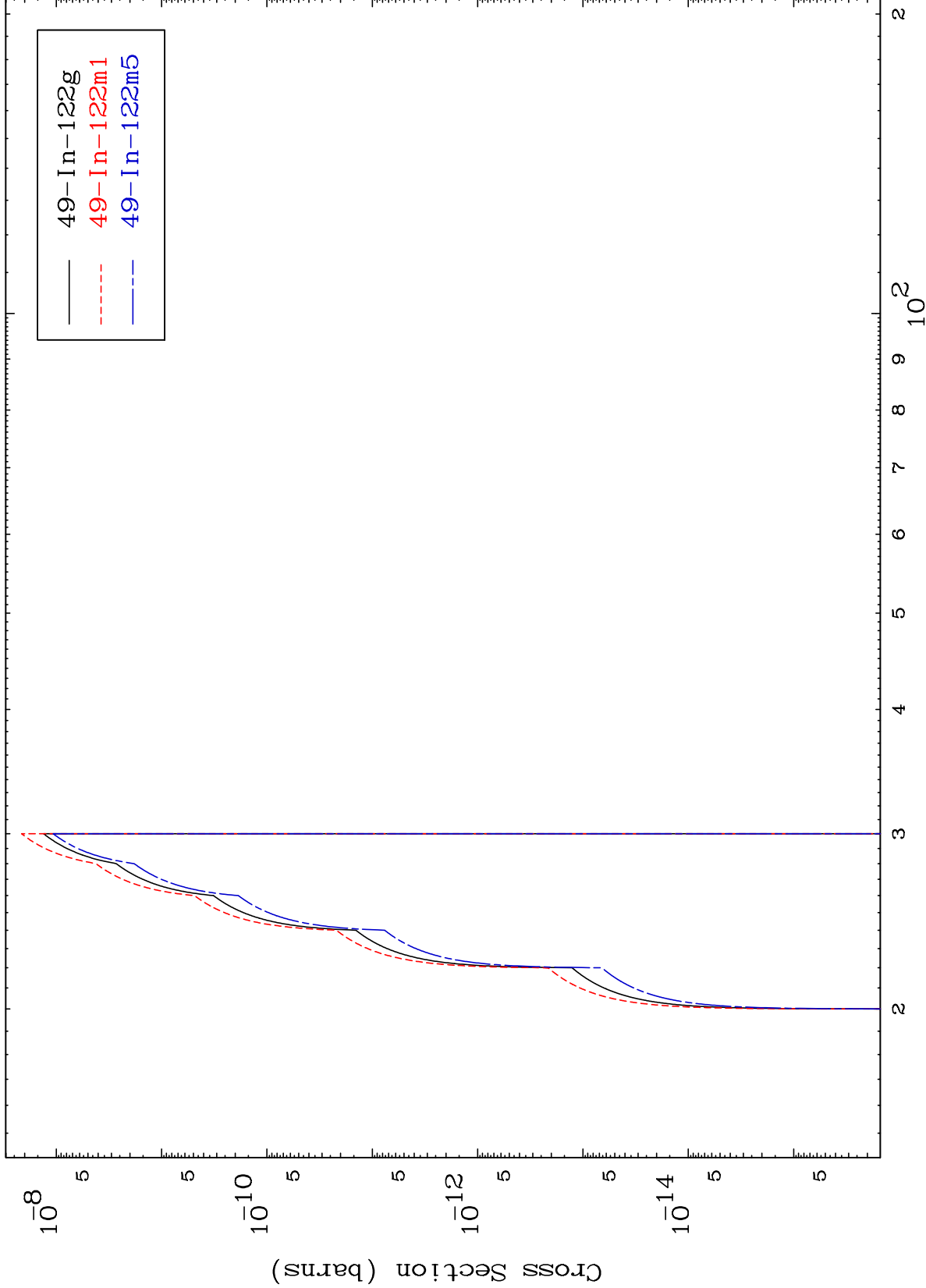


MAT 4947

(n,2p)

49-In-120m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

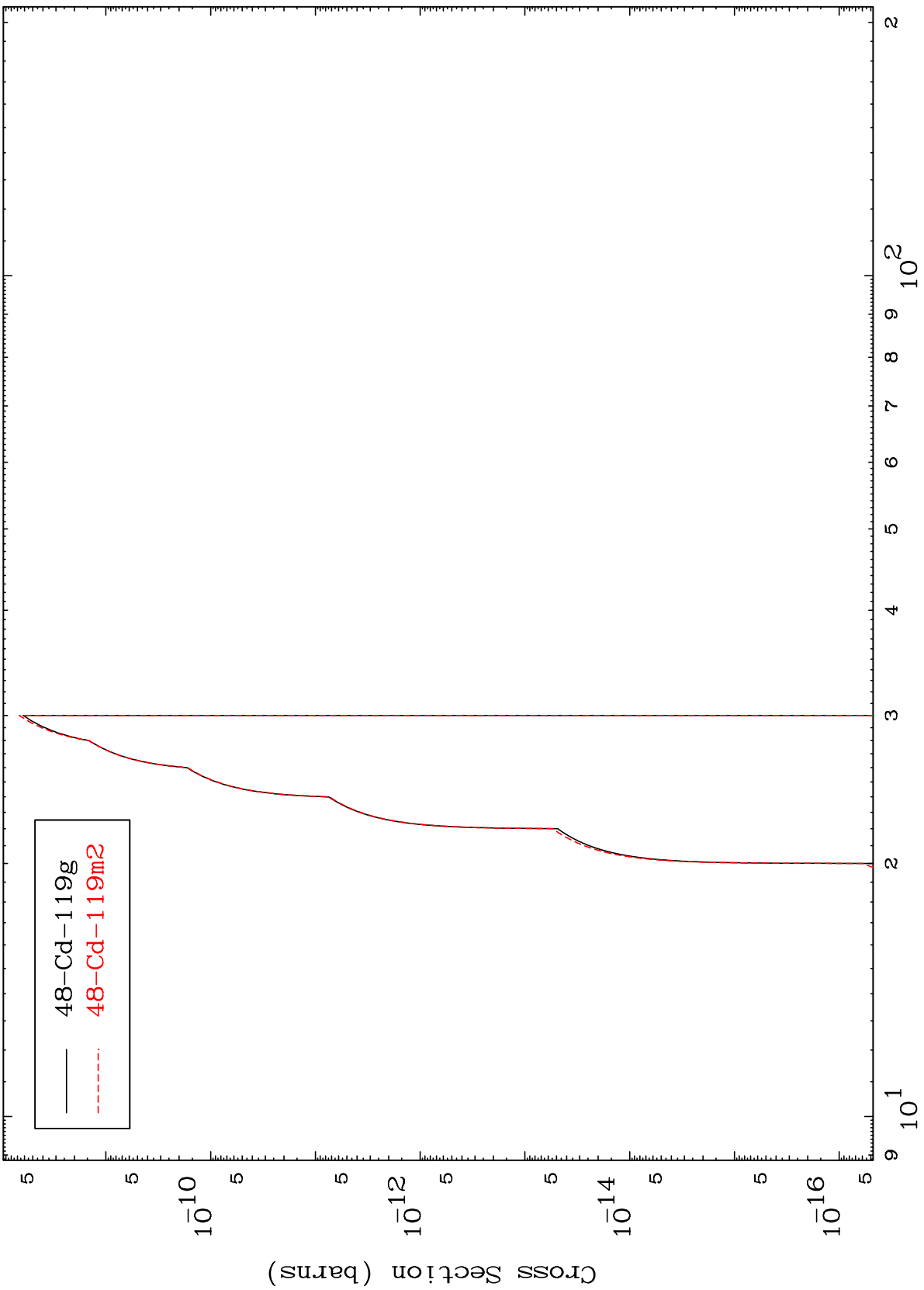
49-In-120m

MAT 4947

(n,p)  $\alpha$

49-In-120m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-120m