

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

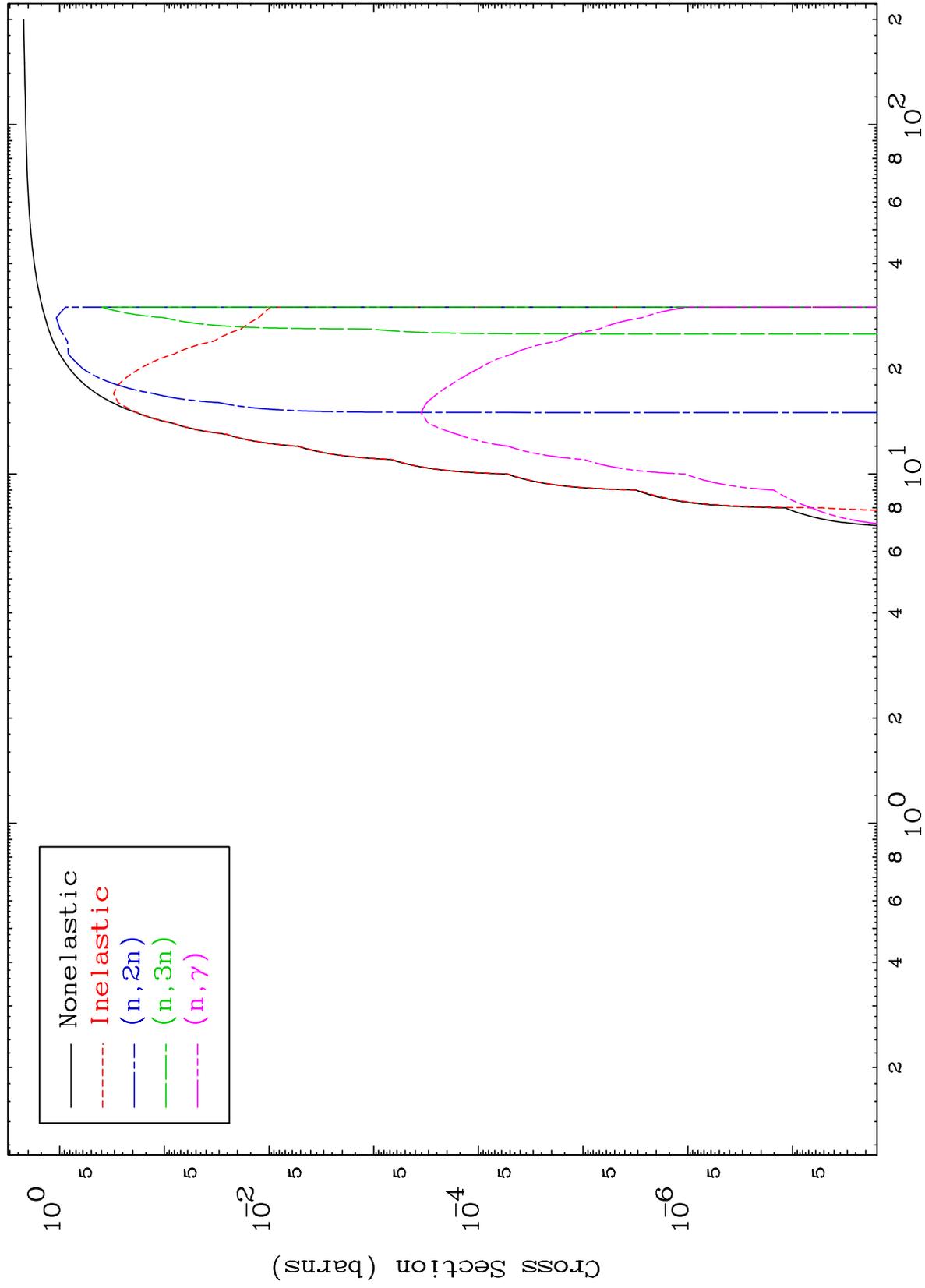
Press Mouse Button to Start

MAT 5049

$\alpha$  Major

0 Kelvin Cross Sections

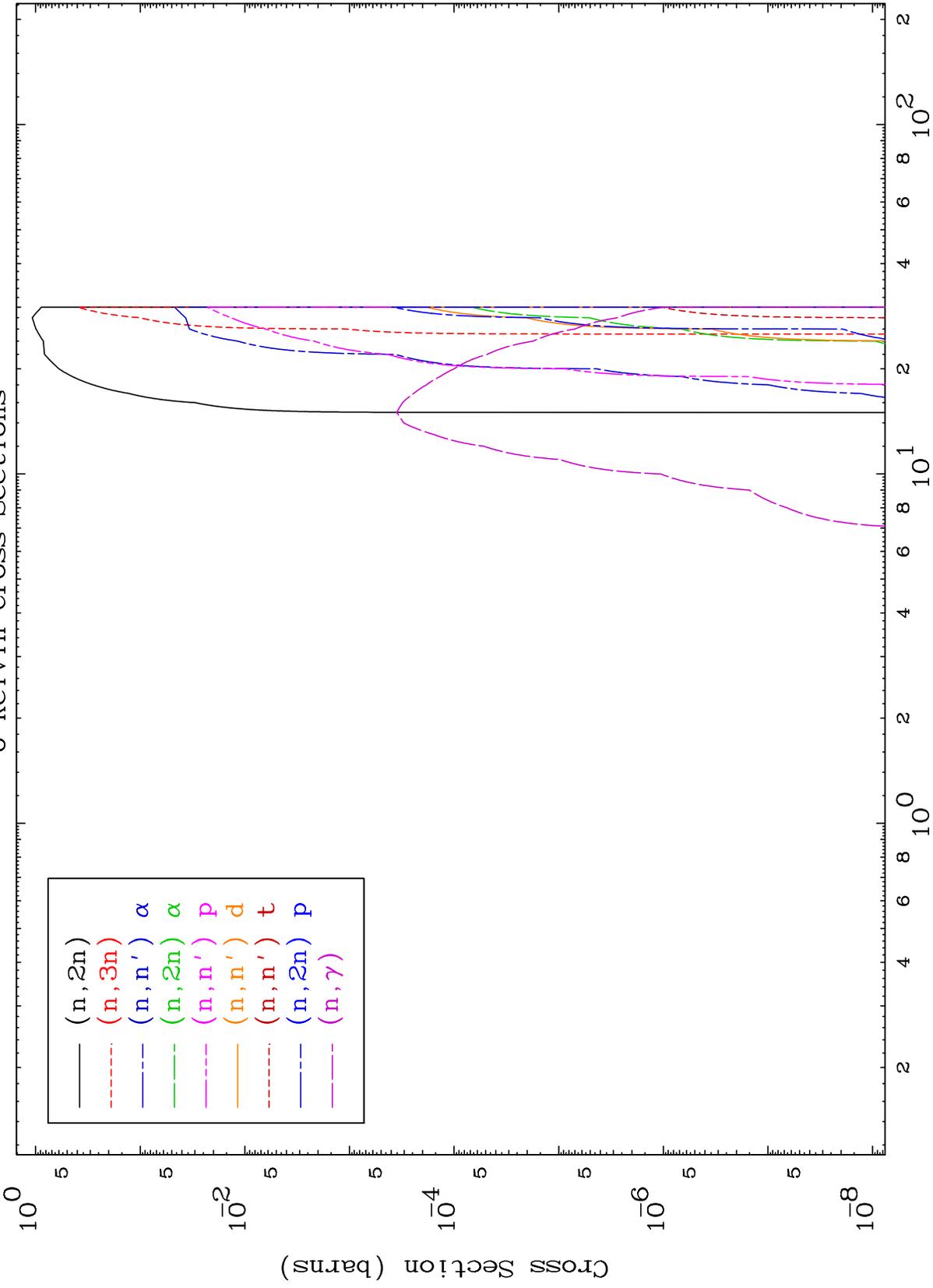
50-Sn-120



MAT 5049

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-120



2

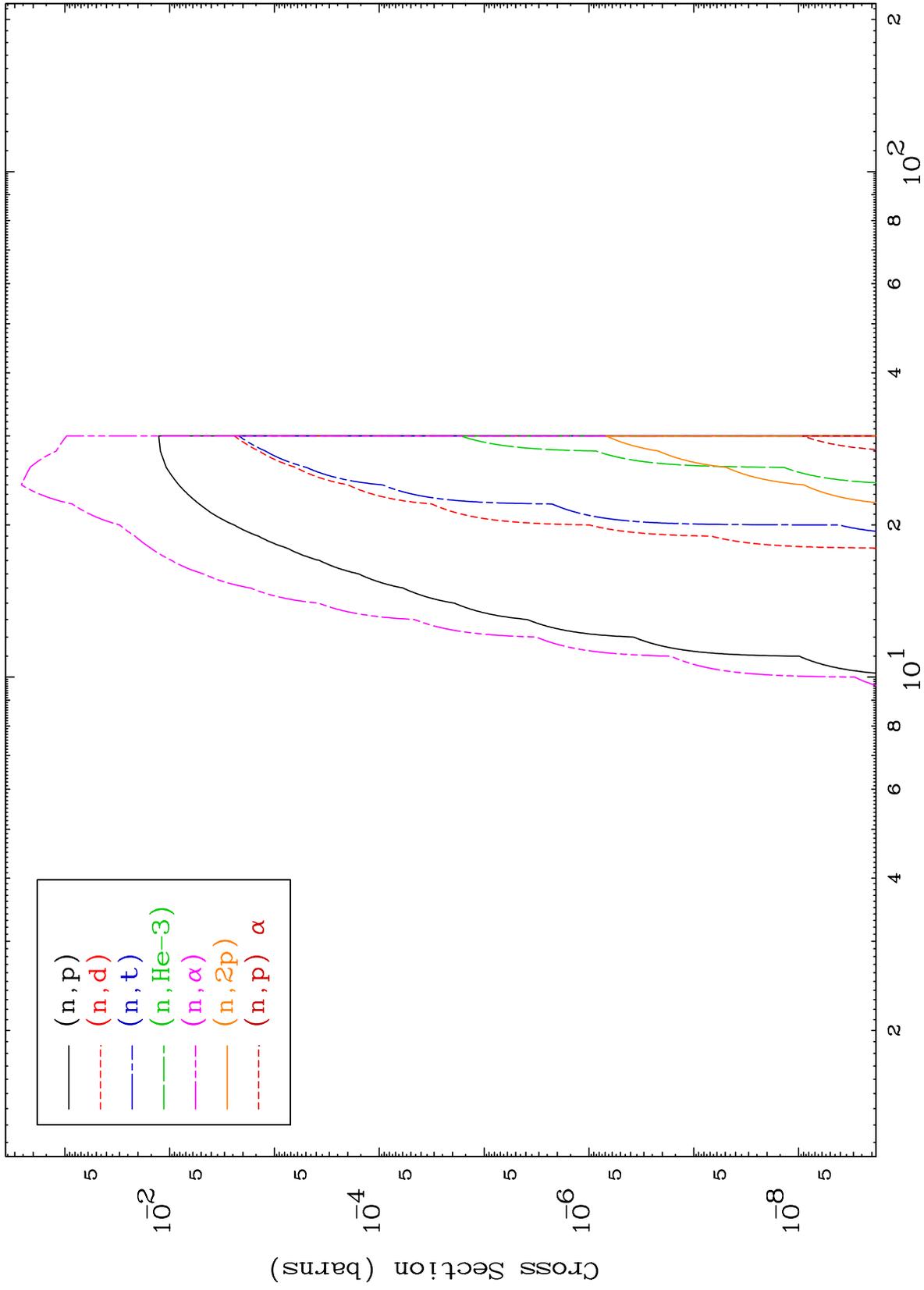
Incident Energy (MeV)

50-Sn-120

MAT 5049

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

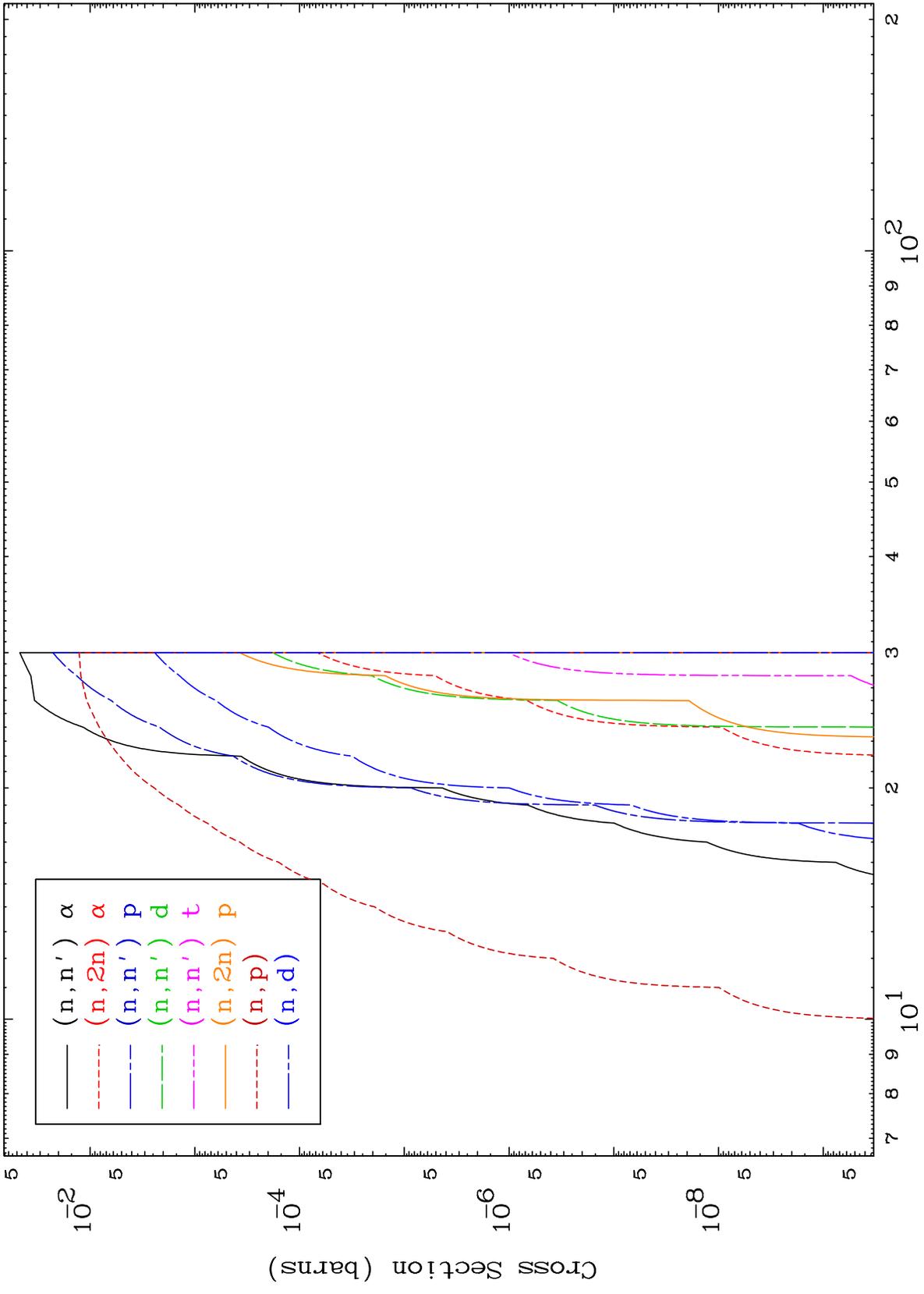
50-Sn-120

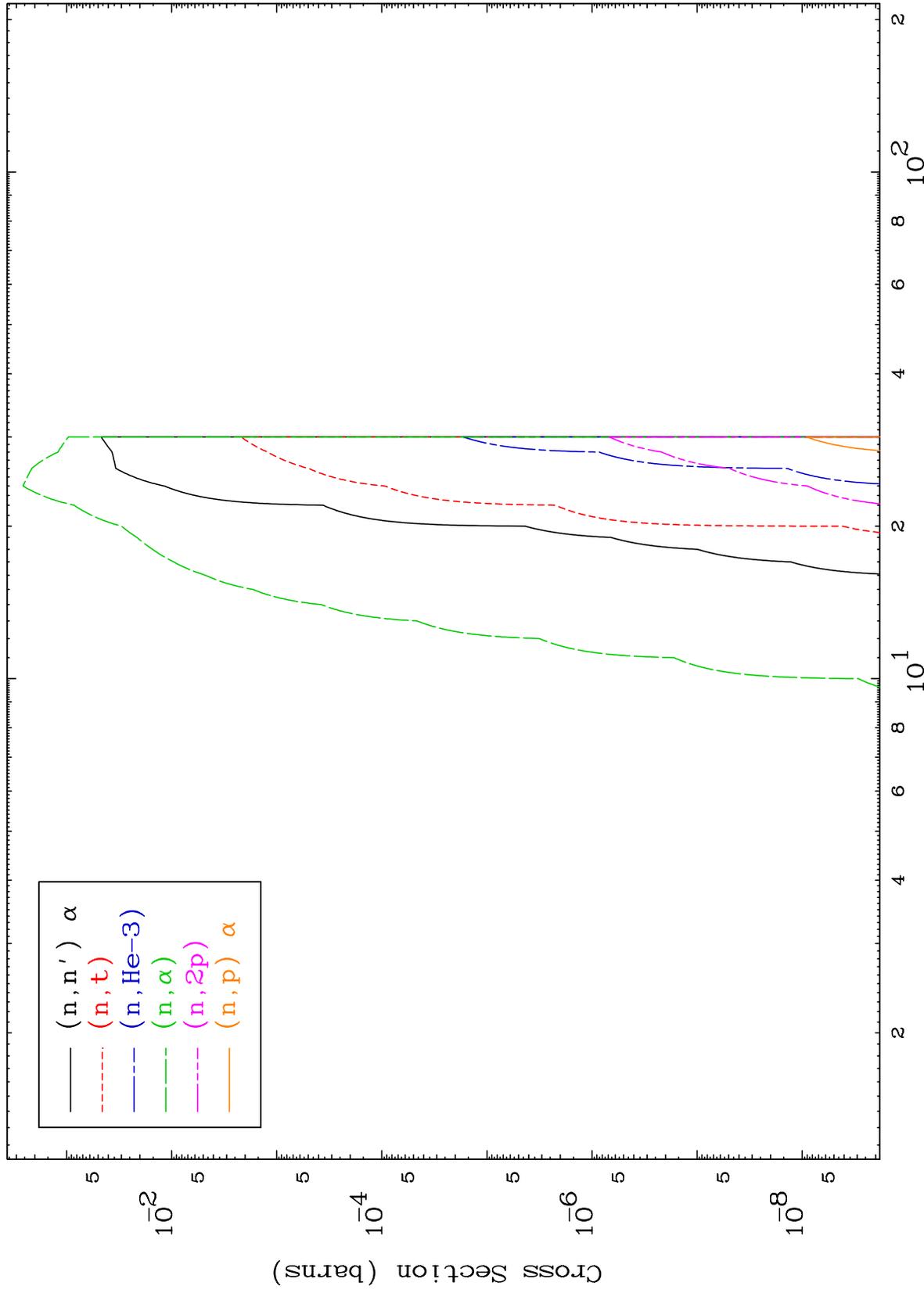


3

Incident Energy (MeV)

50-Sn-120

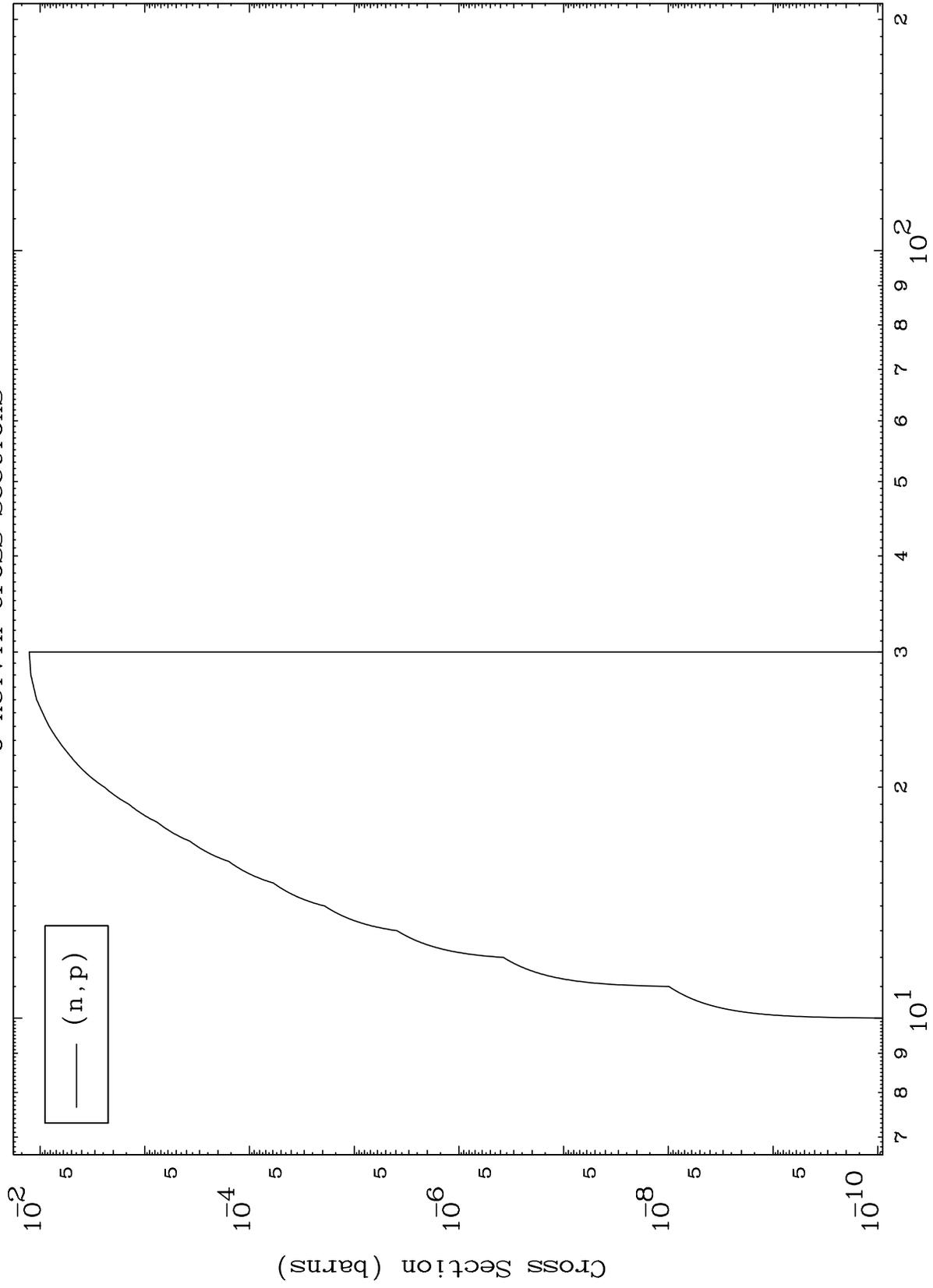




MAT 5049

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

50-Sn-120



6

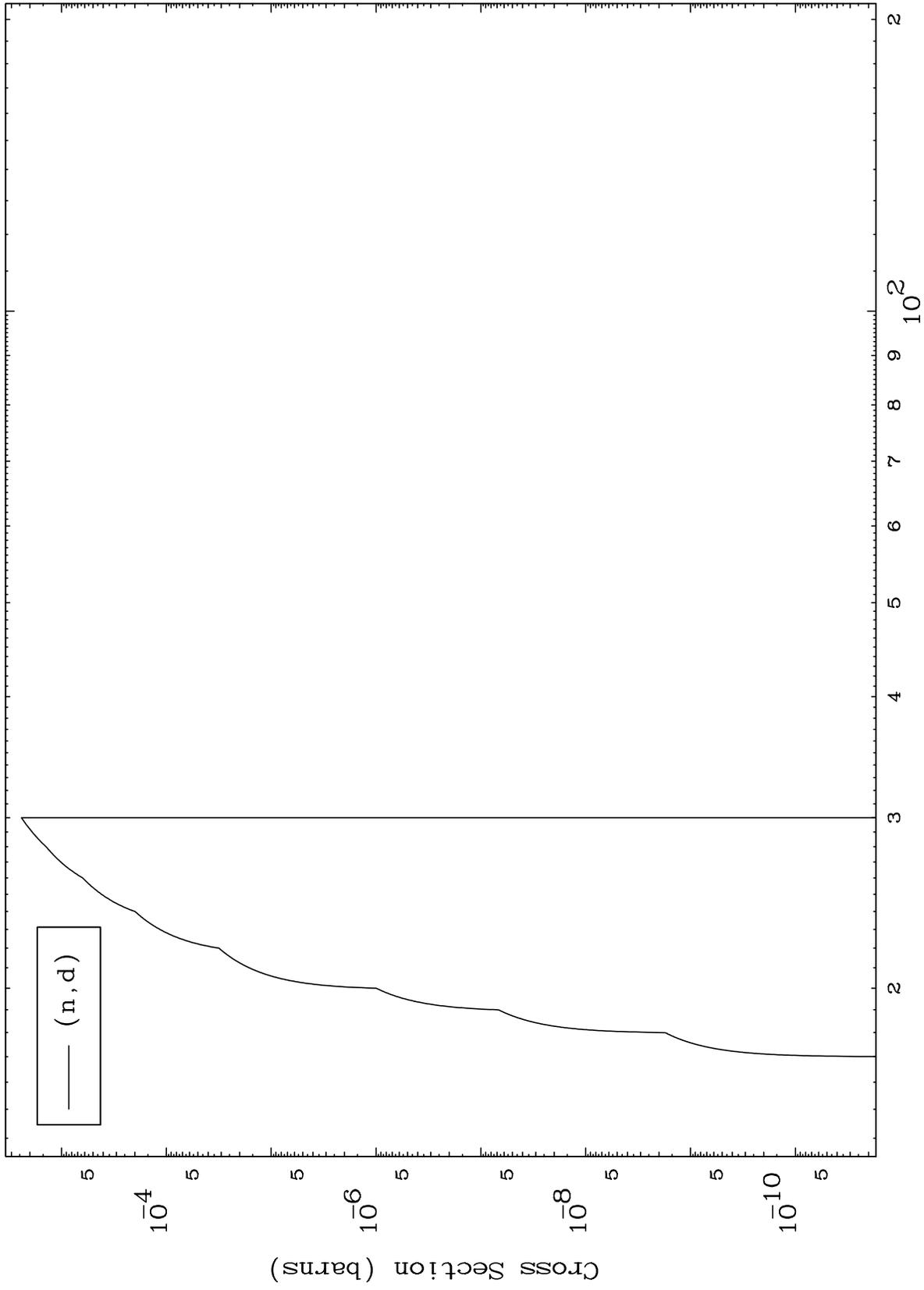
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



7

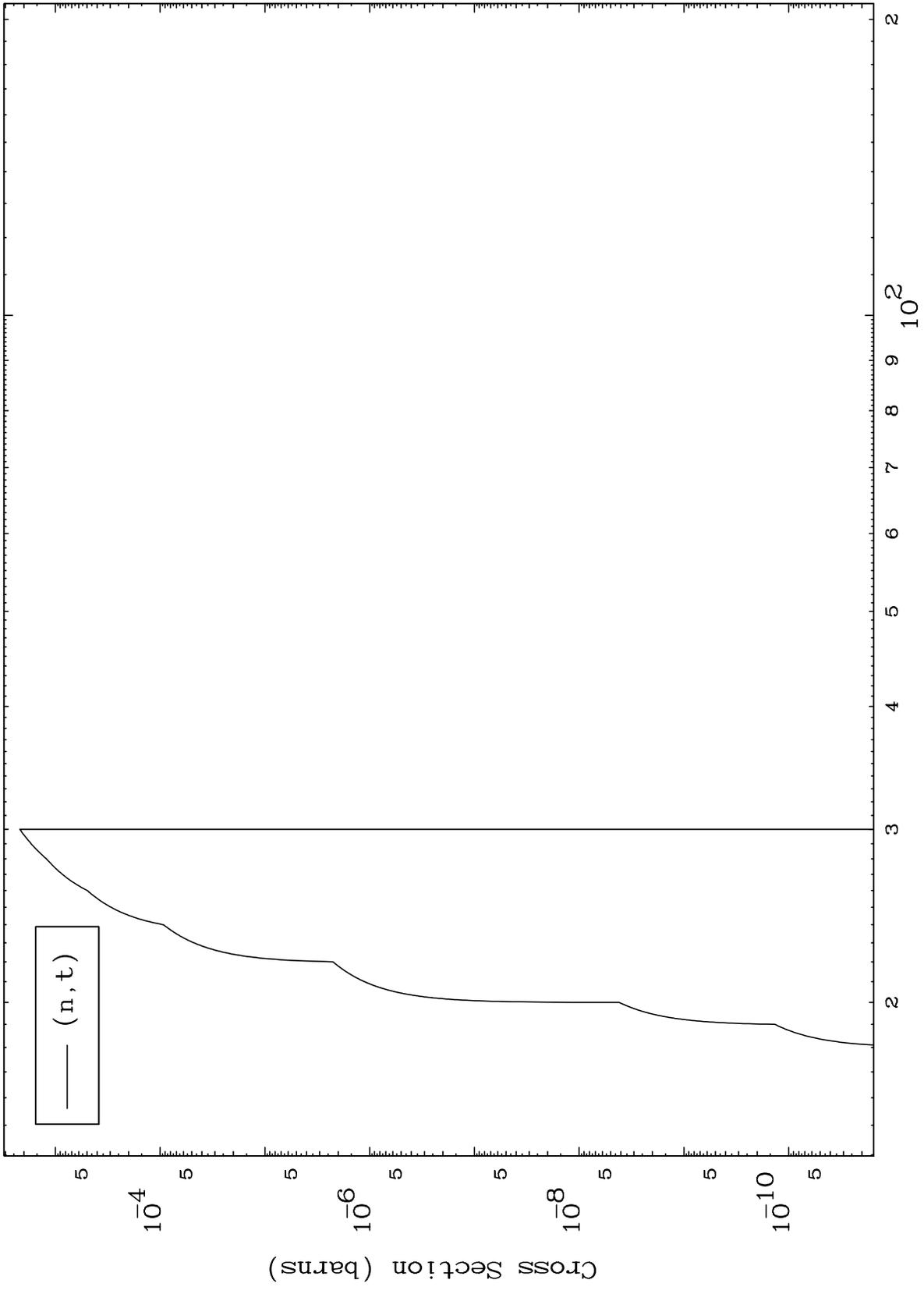
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



8

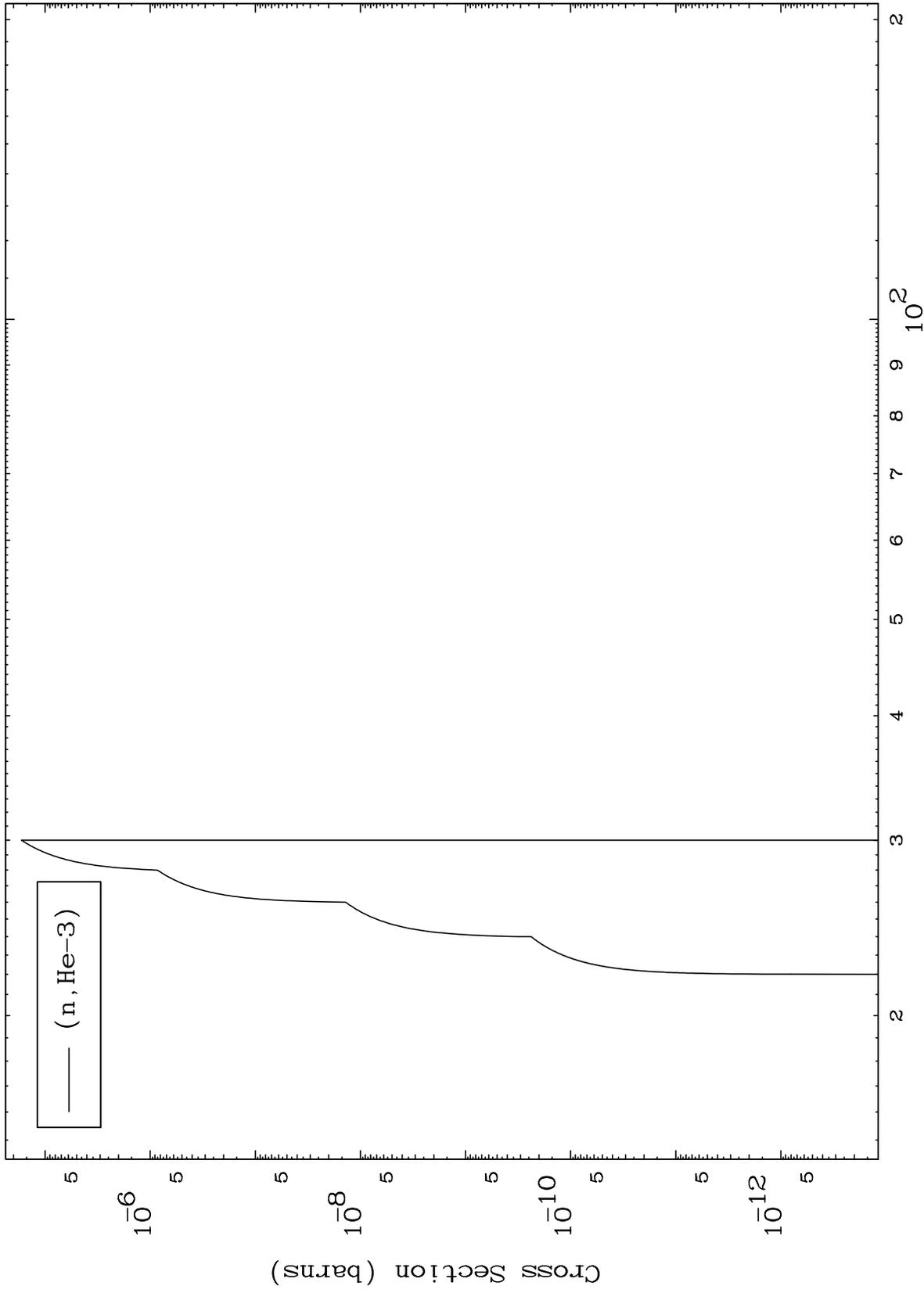
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



9

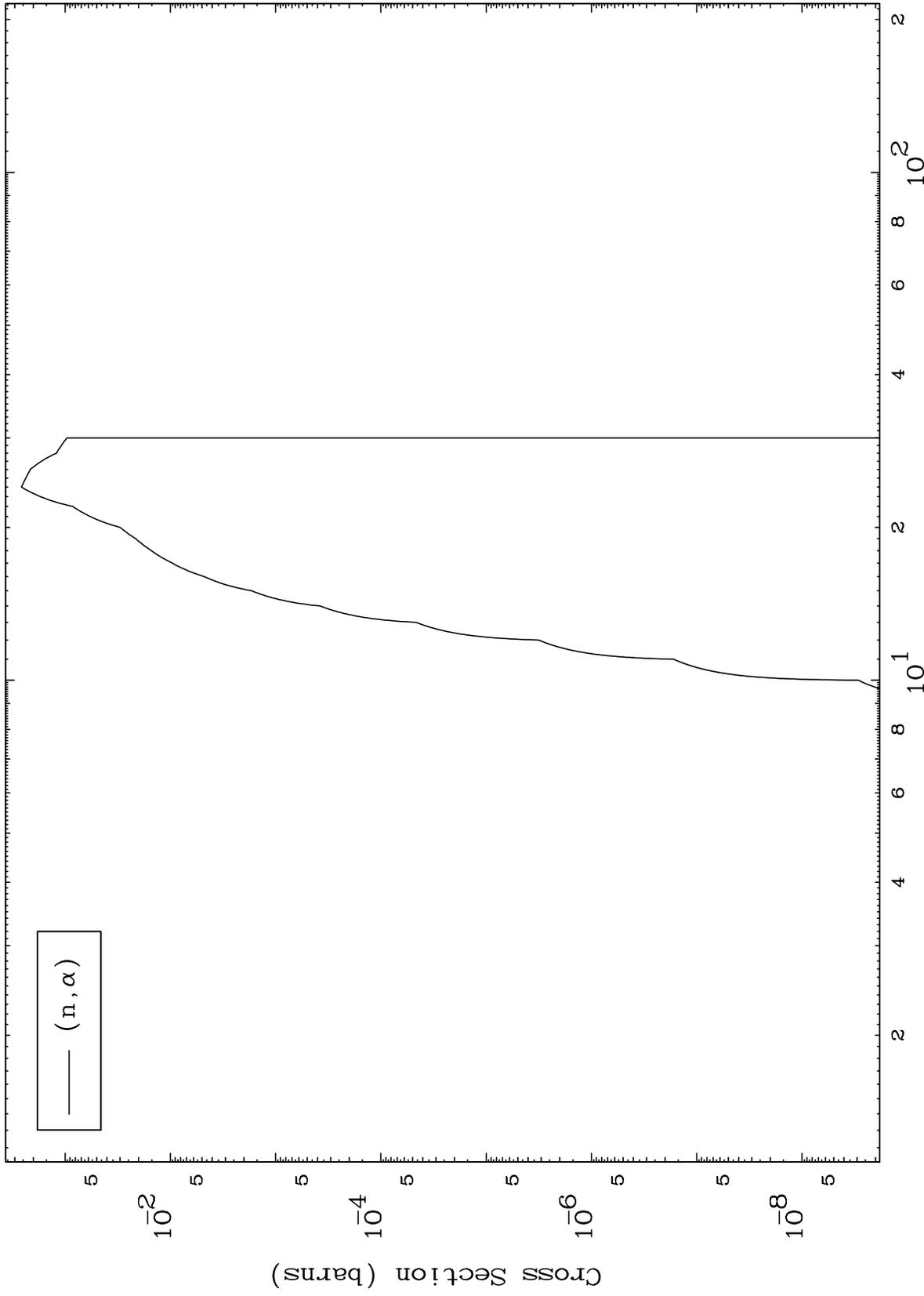
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



10

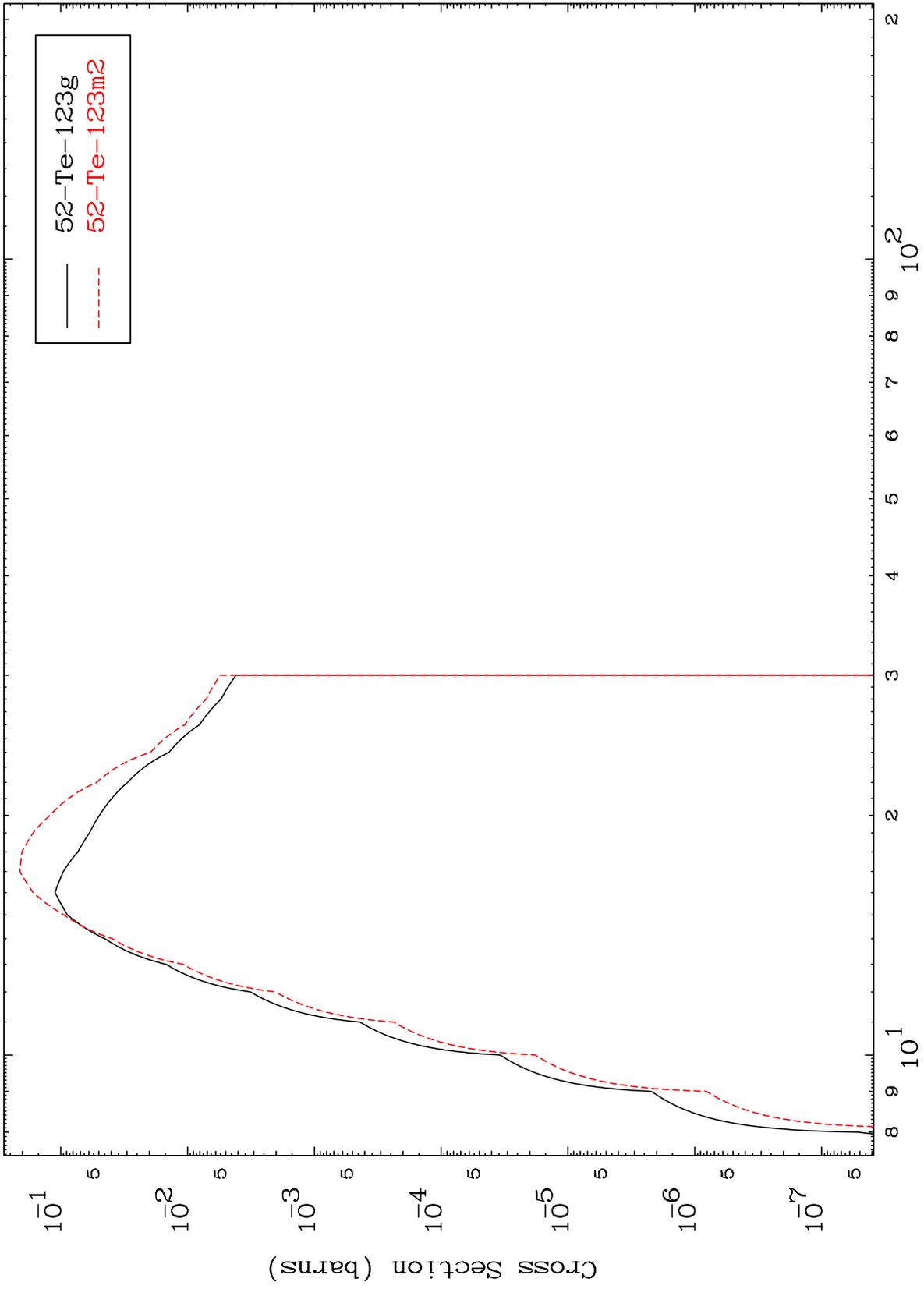
Incident Energy (MeV)

50-Sn-120

MAT 5049

Inelastic  
Radionuclide Production Cross Section

50-Sn-120



11

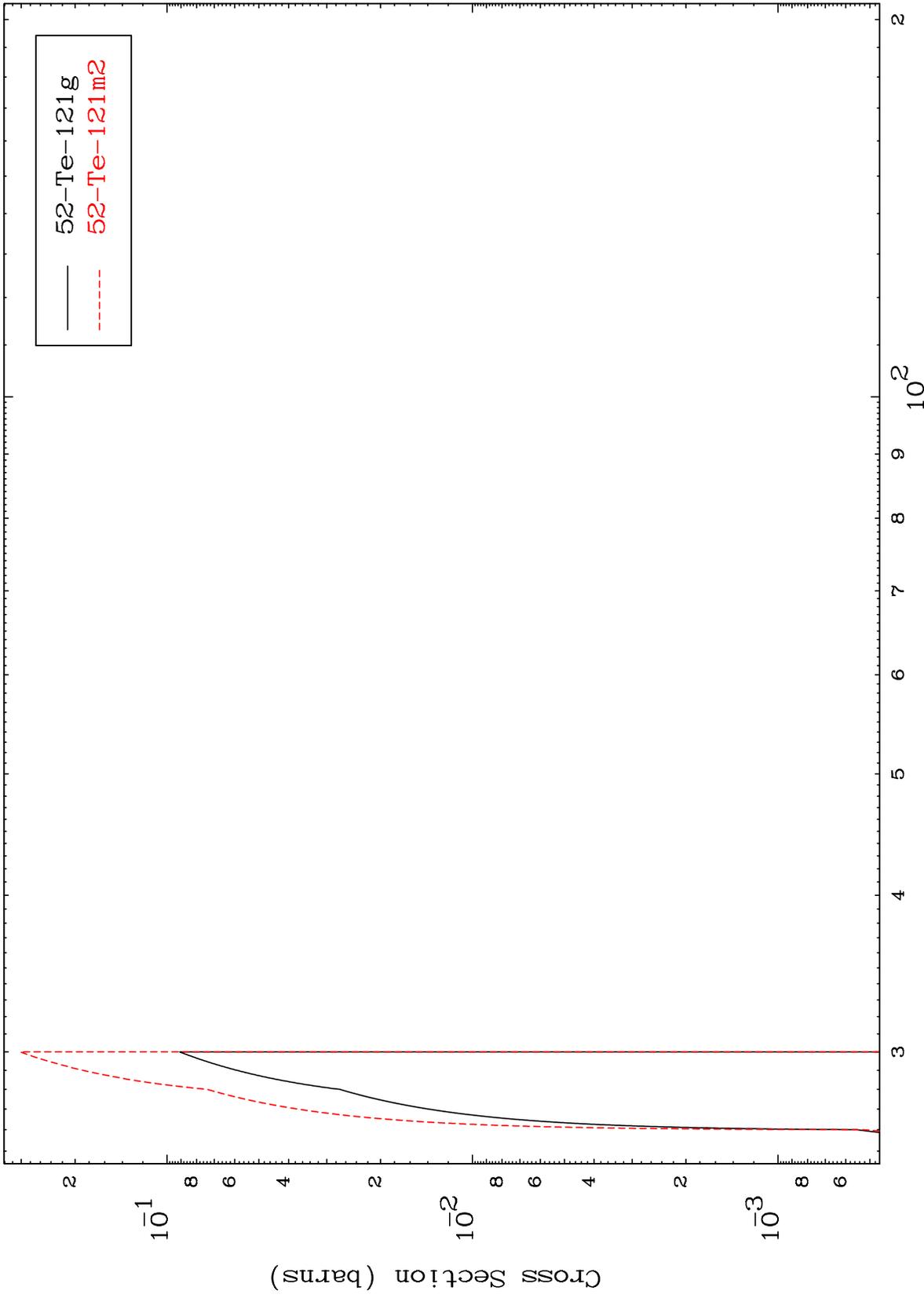
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,3n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

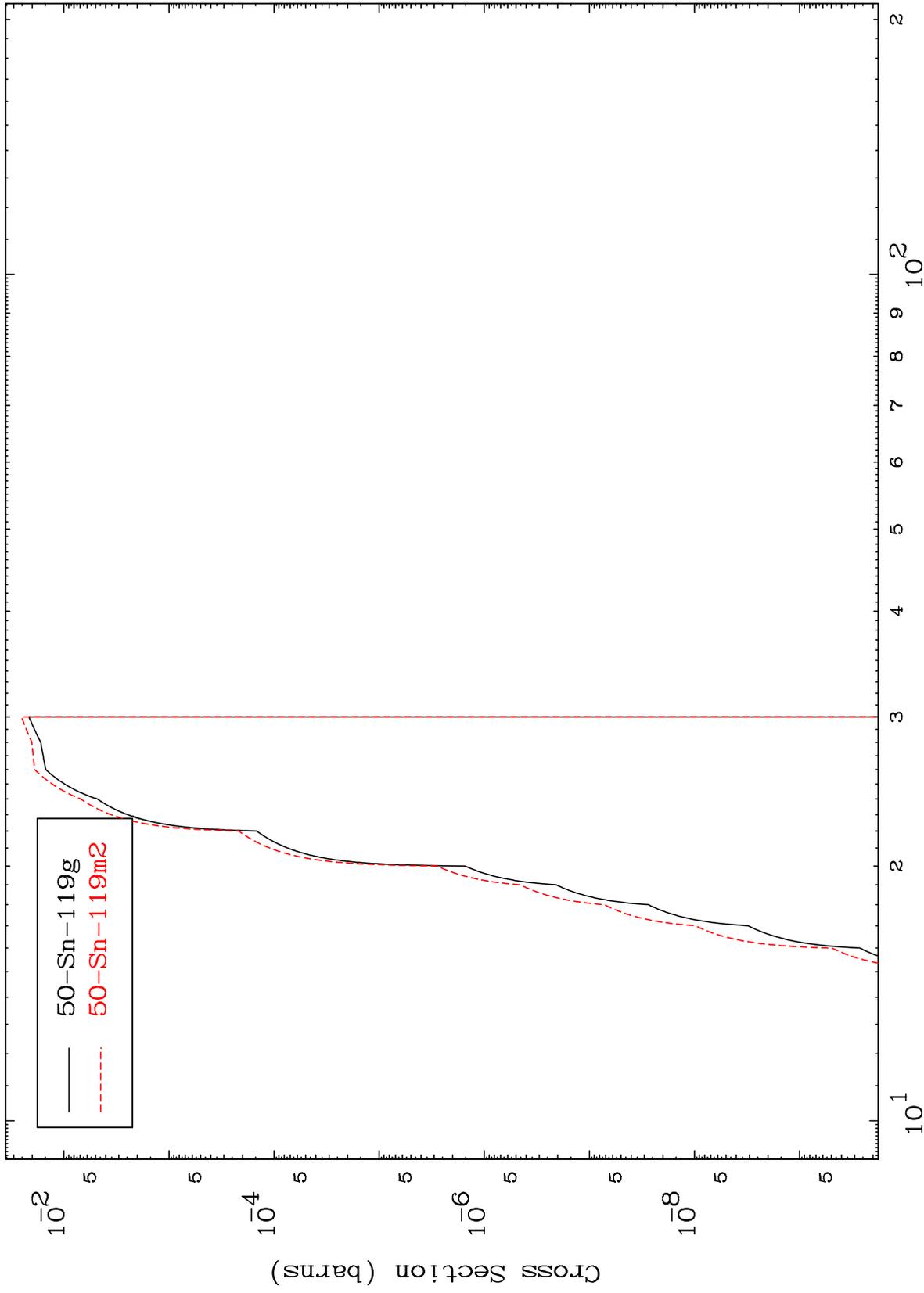
50-Sn-120

MAT 5049

(n,n')  $\alpha$

50-Sn-120

Radionuclide Production Cross Section



13

Incident Energy (MeV)

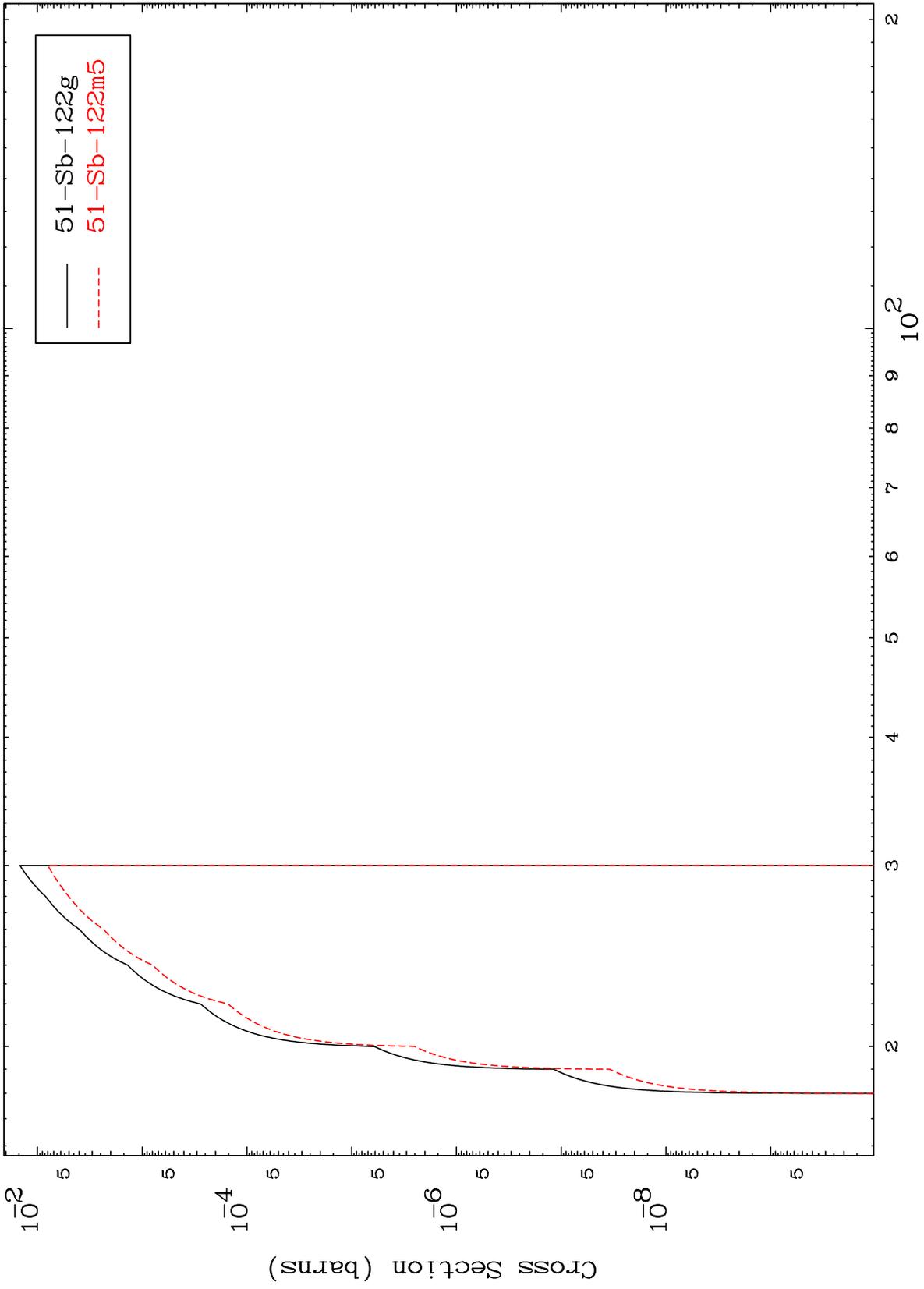
50-Sn-120

MAT 5049

(n,n') p

50-Sn-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

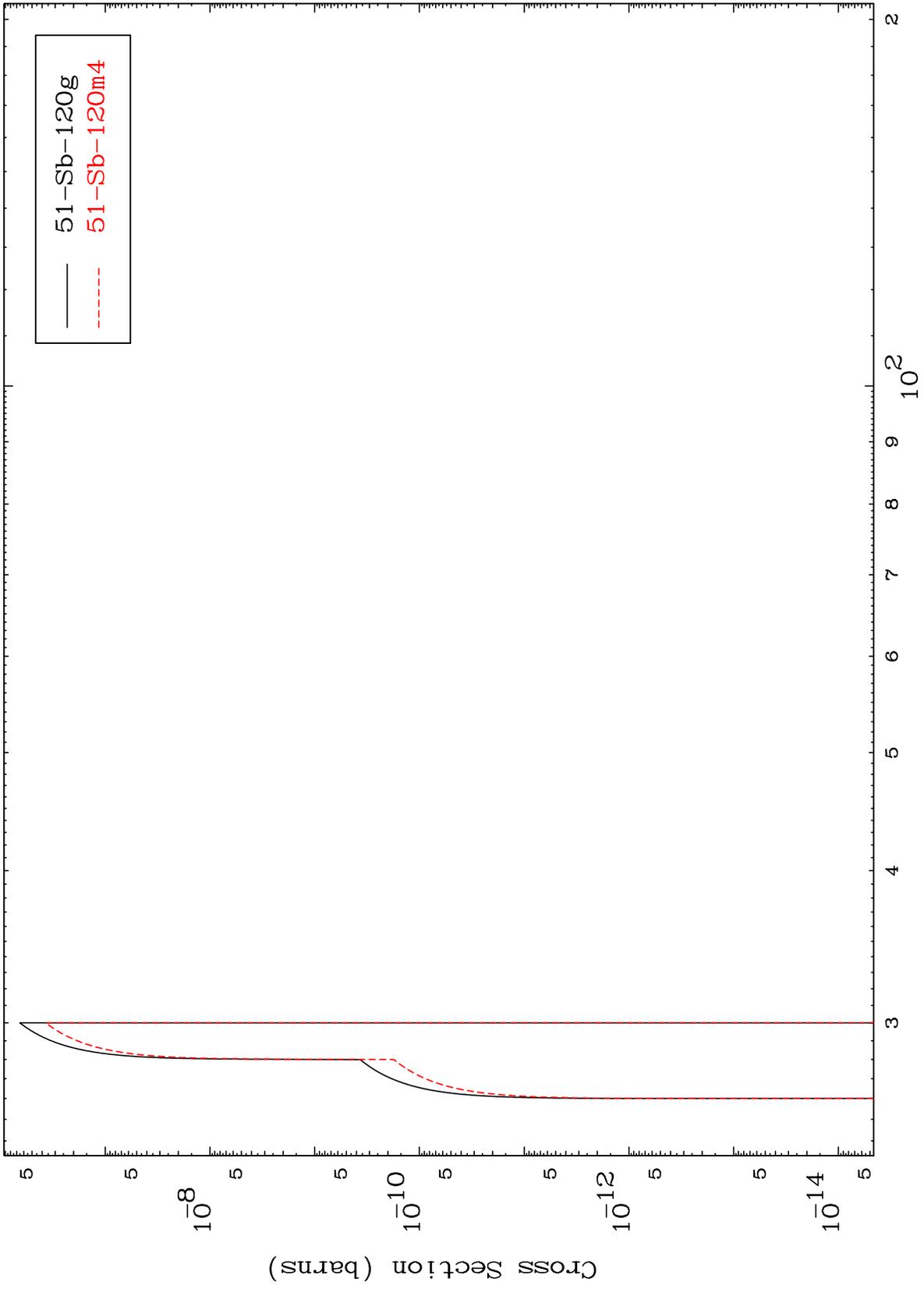
50-Sn-120

MAT 5049

(n,n') t

50-Sn-120

Radionuclide Production Cross Section



15

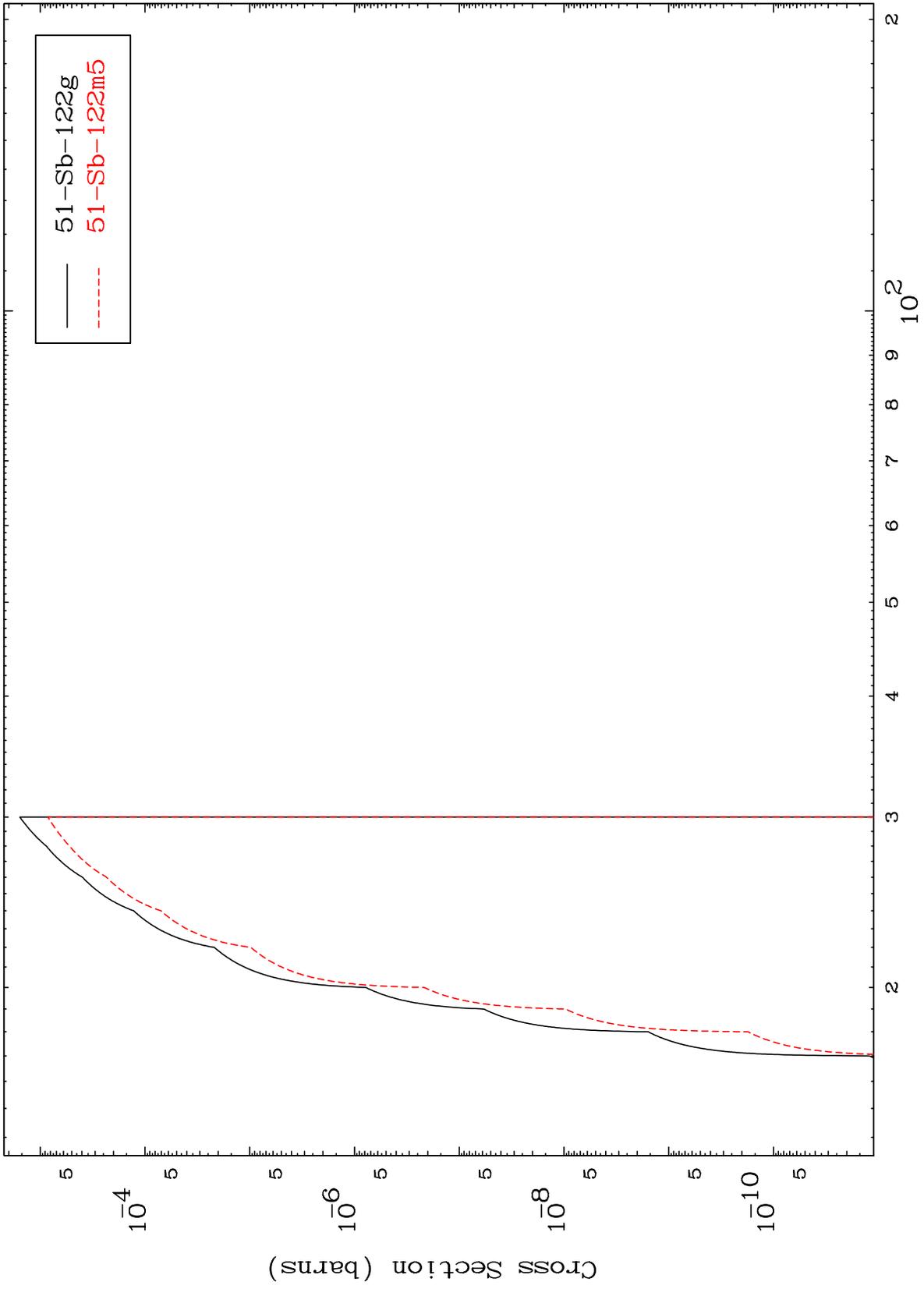
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,d)  
Radionuclide Production Cross Section

50-Sn-120



16

Incident Energy (MeV)

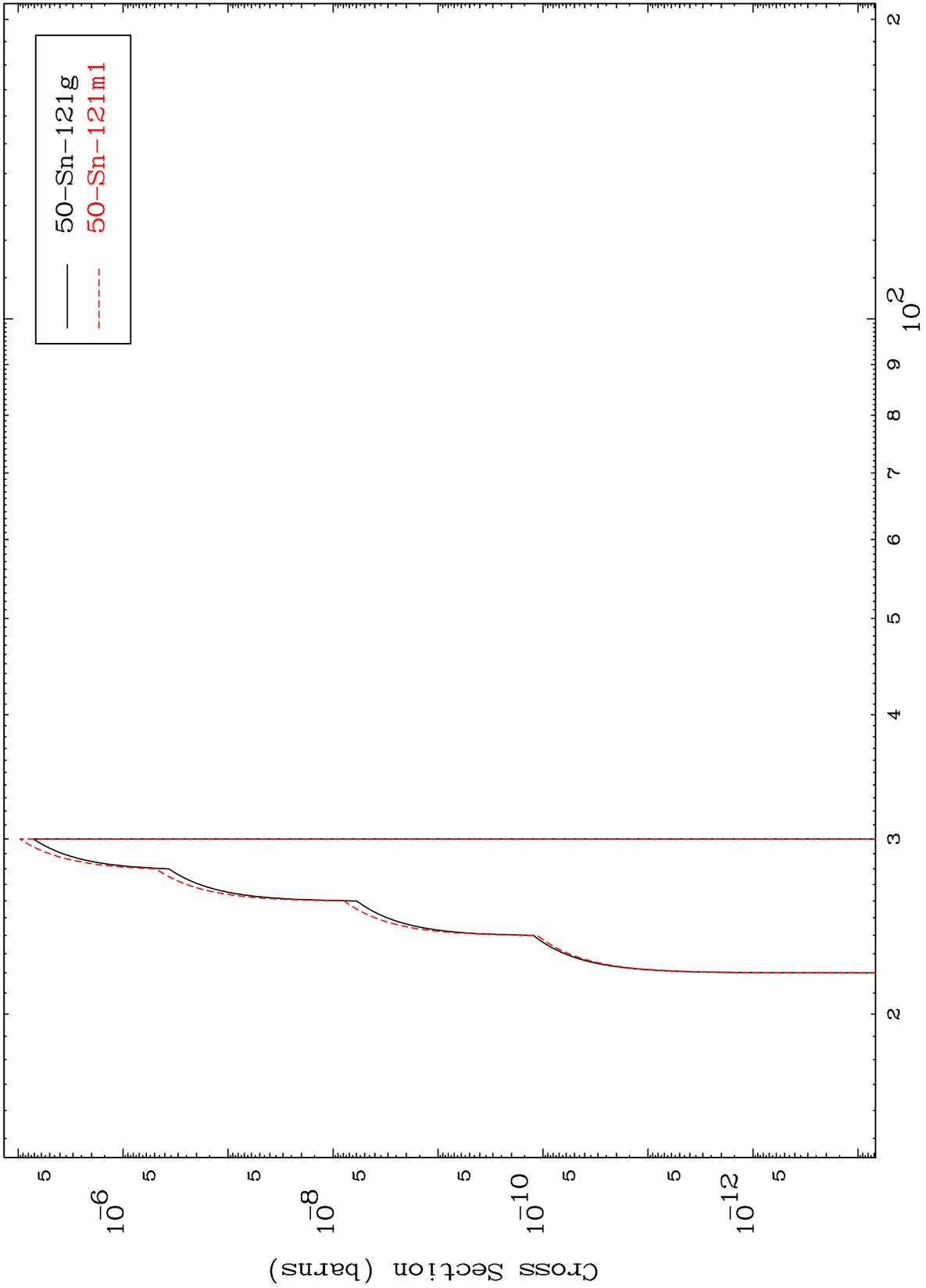
50-Sn-120

MAT 5049

(n, He-3)

50-Sn-120

Radionuclide Production Cross Section



17

Incident Energy (MeV)

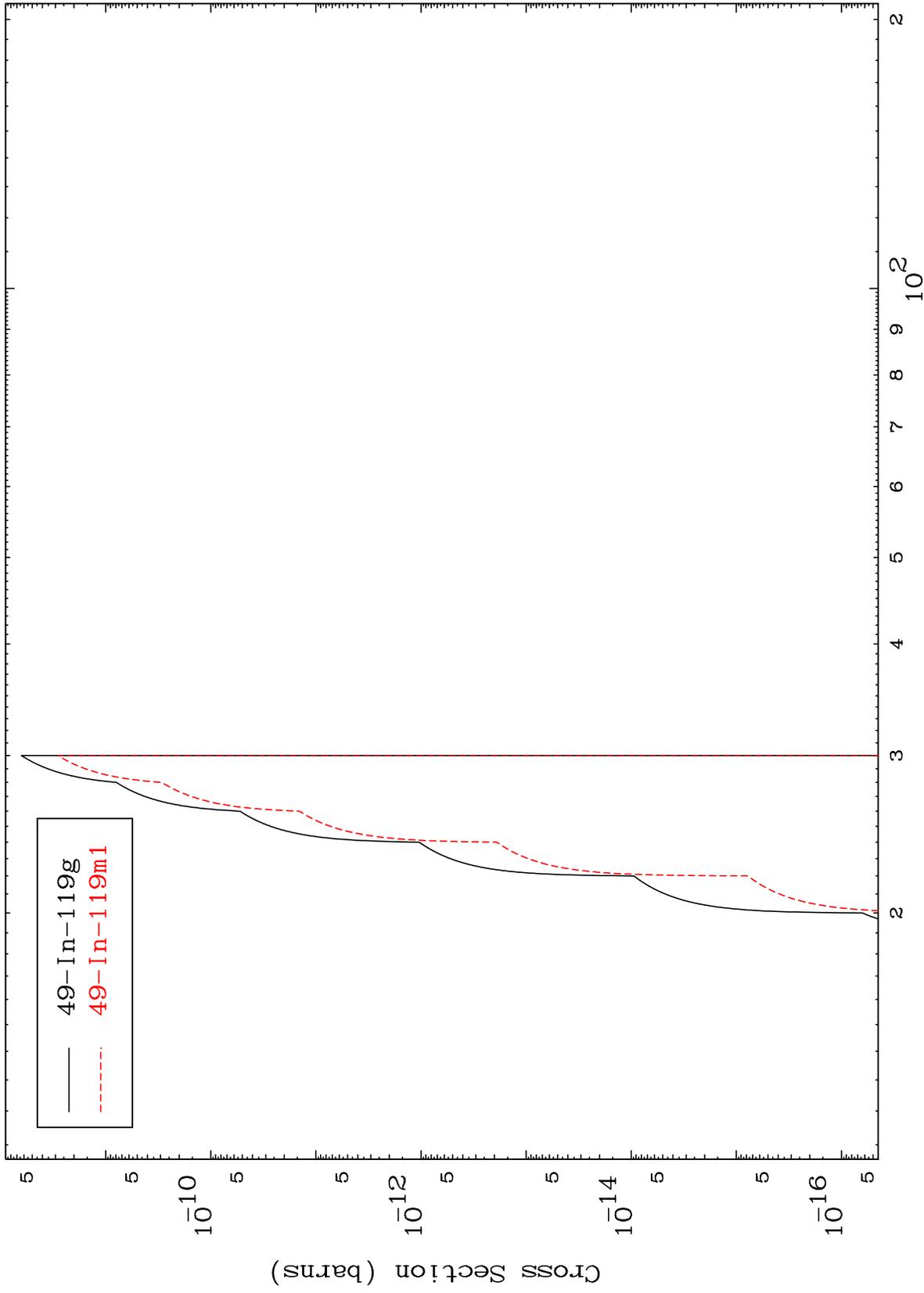
50-Sn-120

MAT 5049

(n,p)  $\alpha$

50-Sn-120

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-120