

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

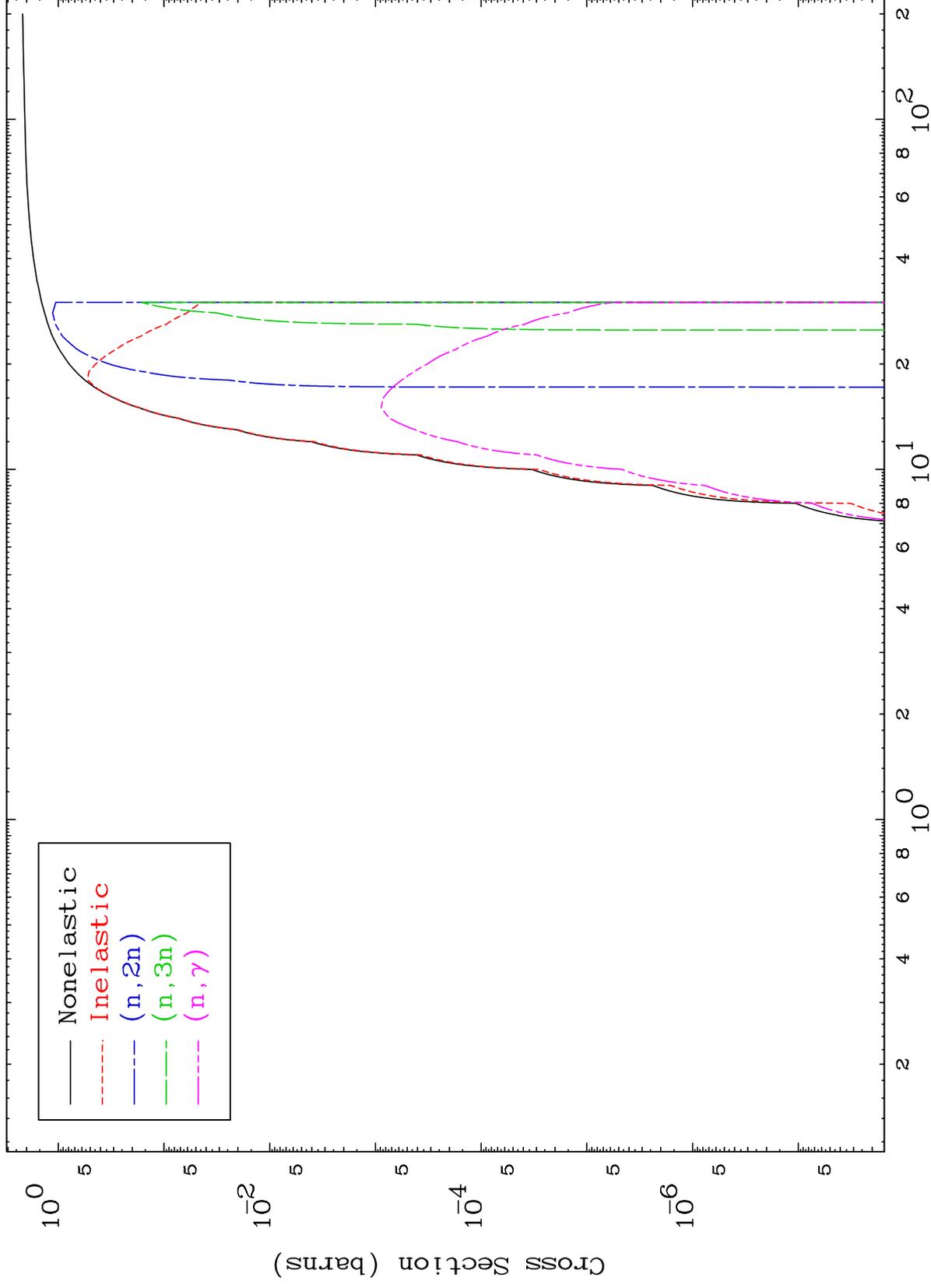
Press Mouse Button to Start

MAT 5041

$\alpha$  Major

50-Sn-117m

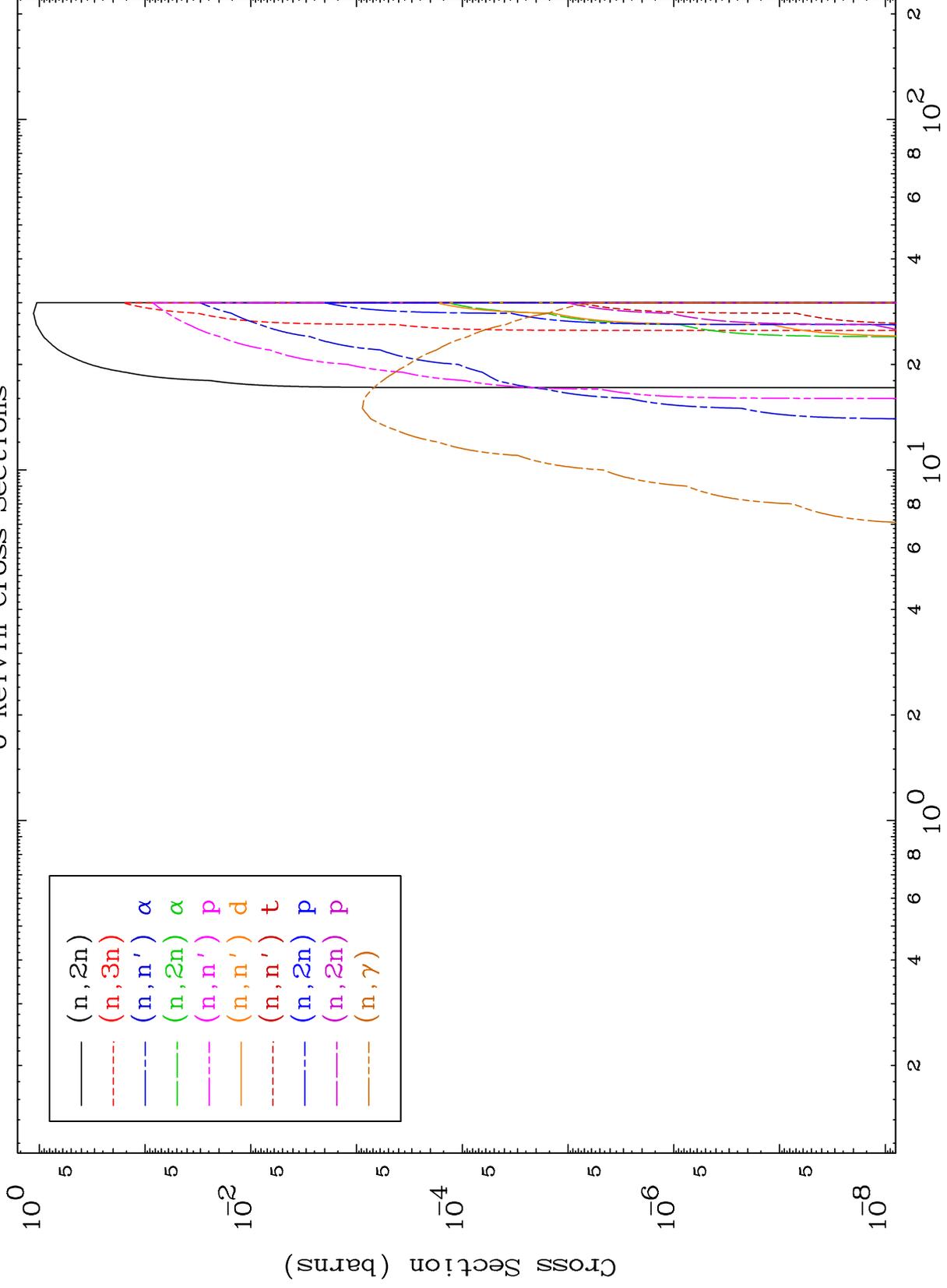
0 Kelvin Cross Sections



MAT 5041

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

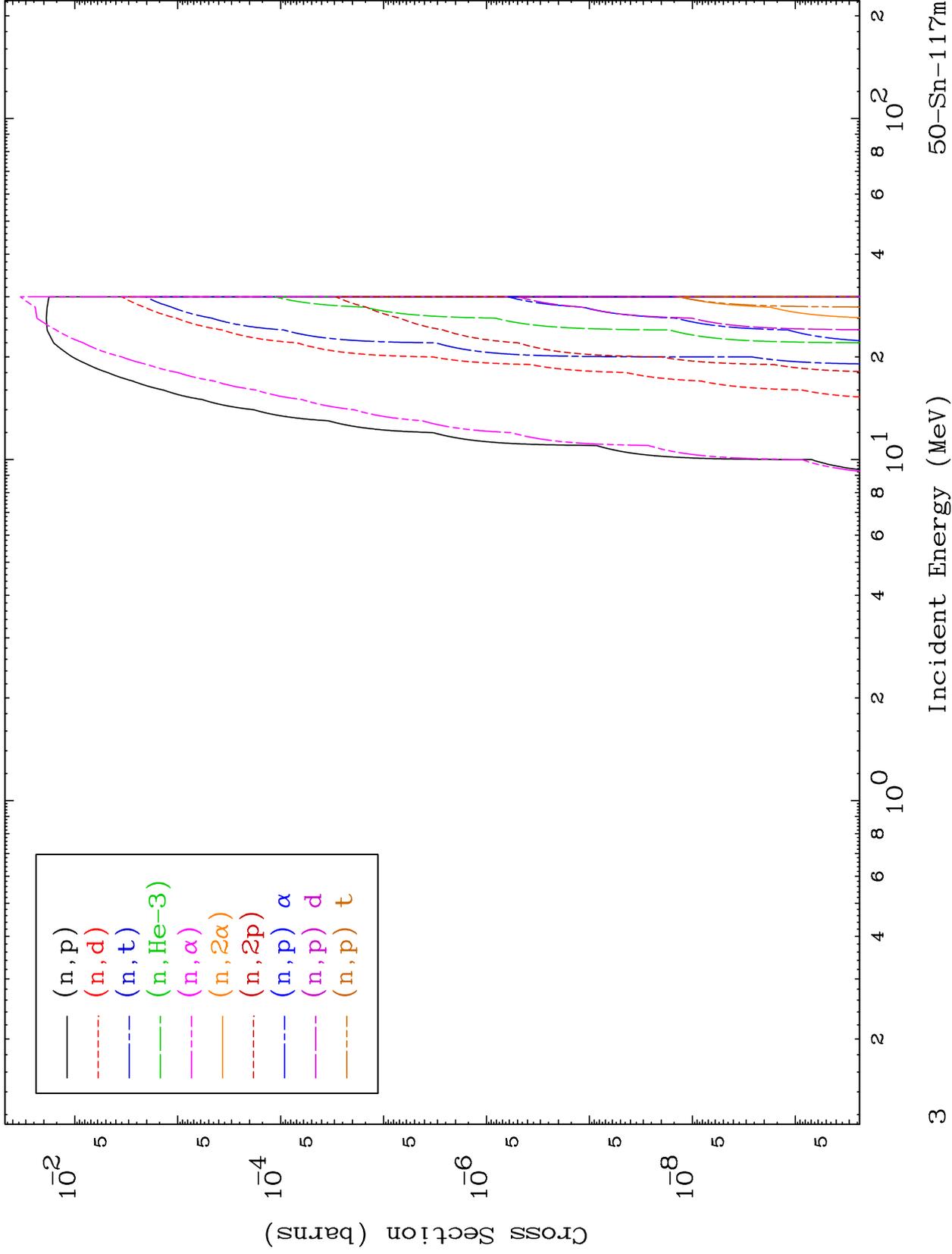
50-Sn-117m



MAT 5041

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

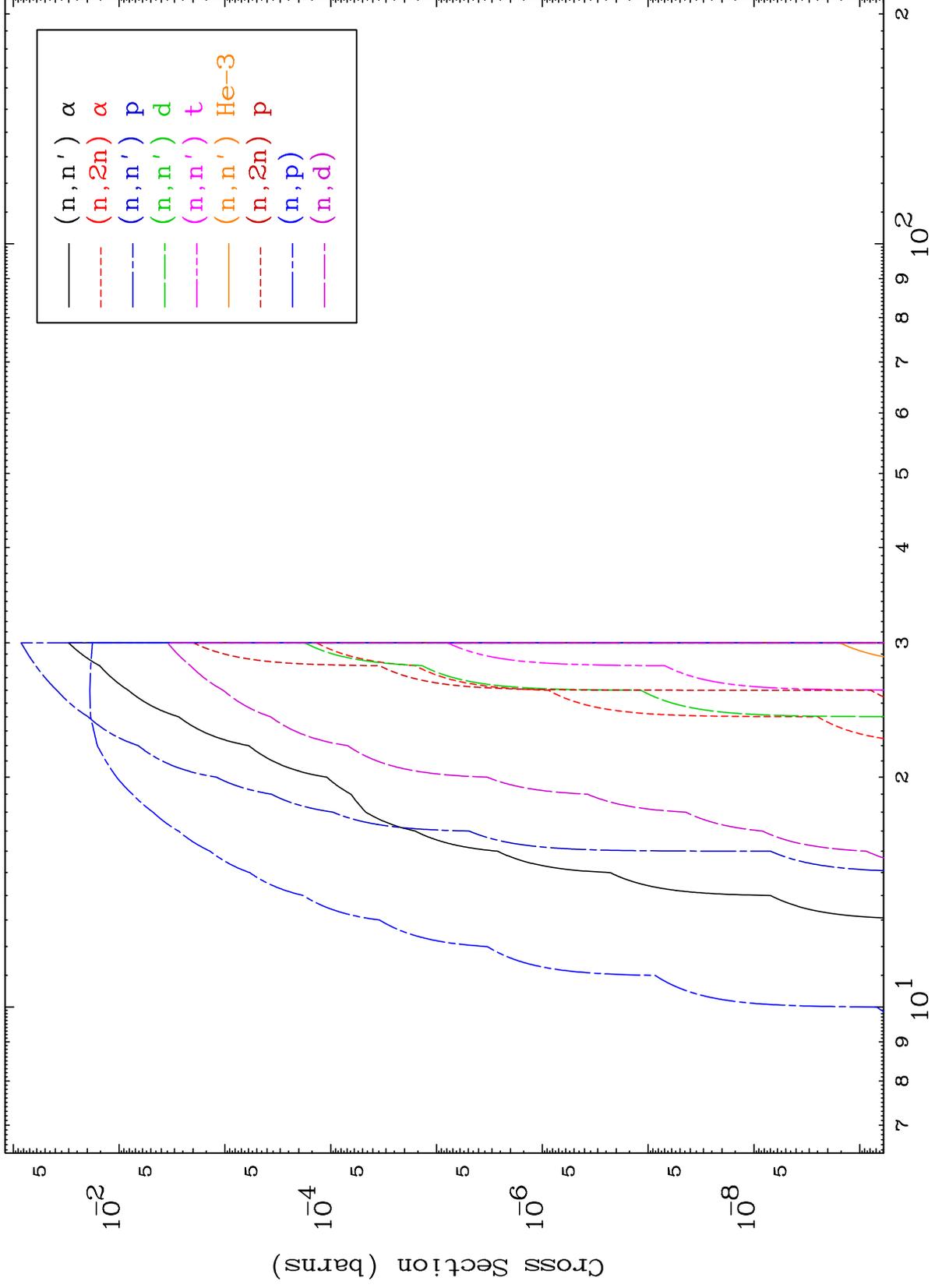
50-Sn-117m



MAT 5041

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

50-Sn-117m



4

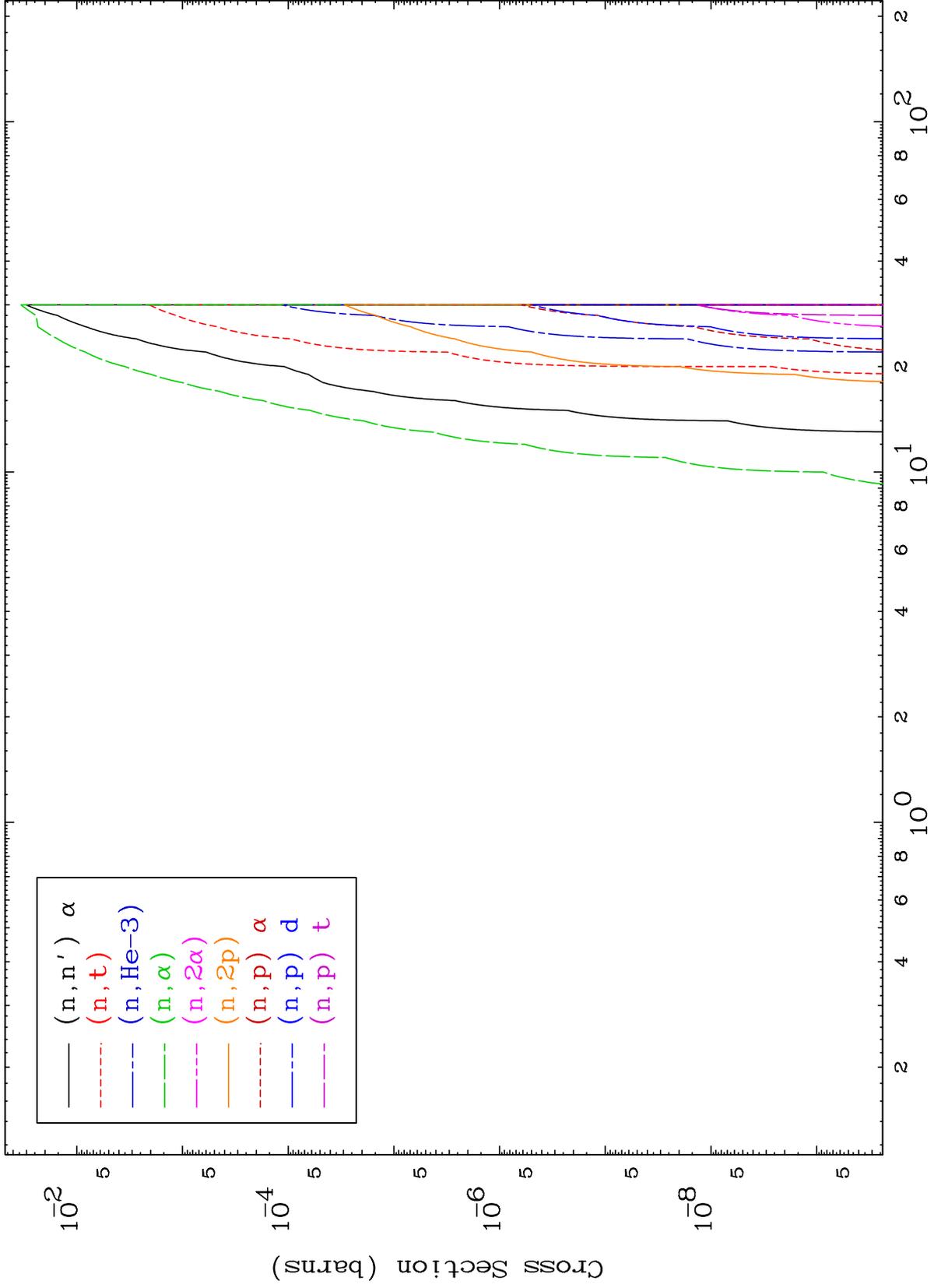
Incident Energy (MeV)

50-Sn-117m

MAT 5041

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

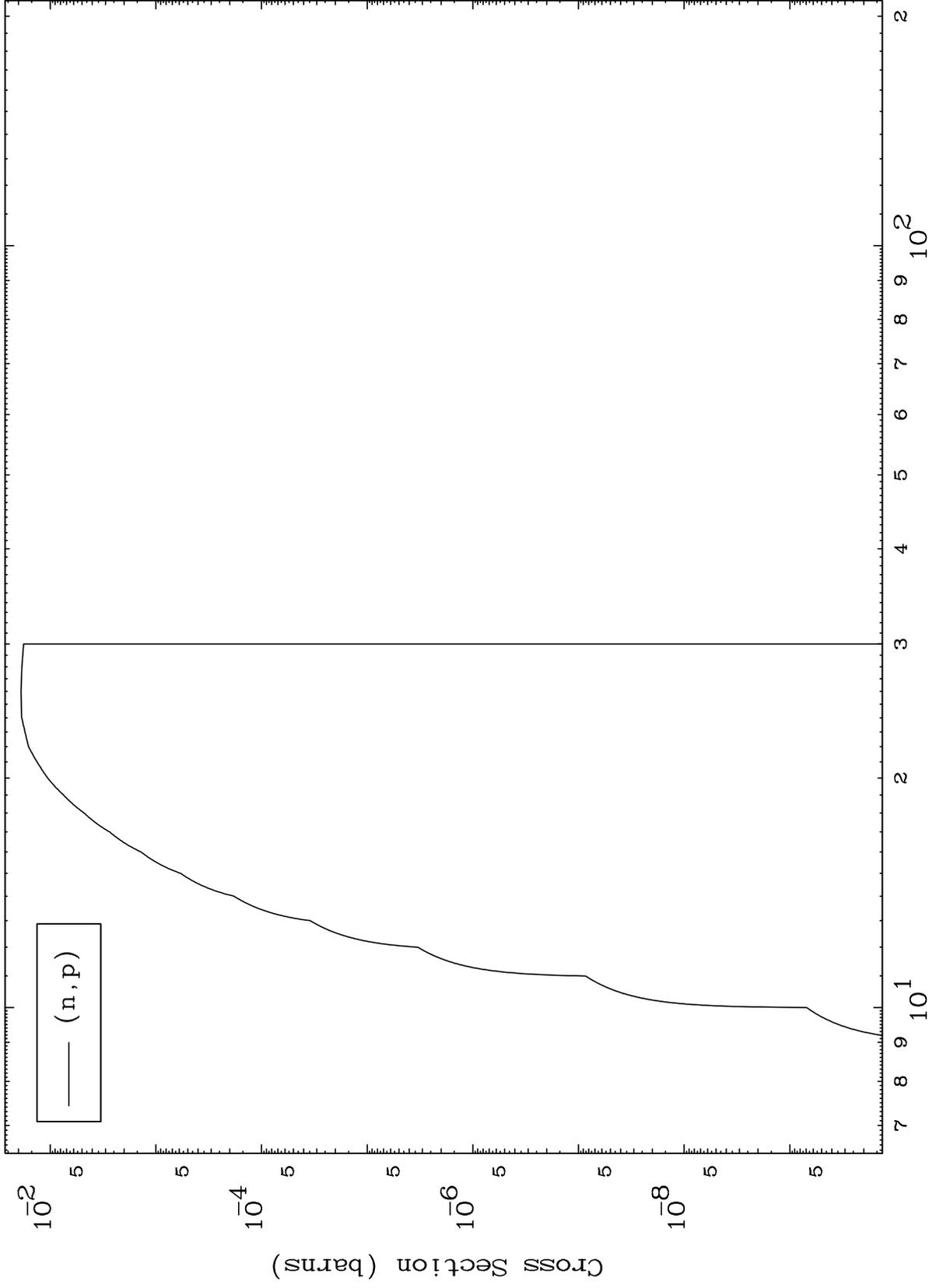
50-Sn-117m



MAT 5041

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

50-Sn-117m



6

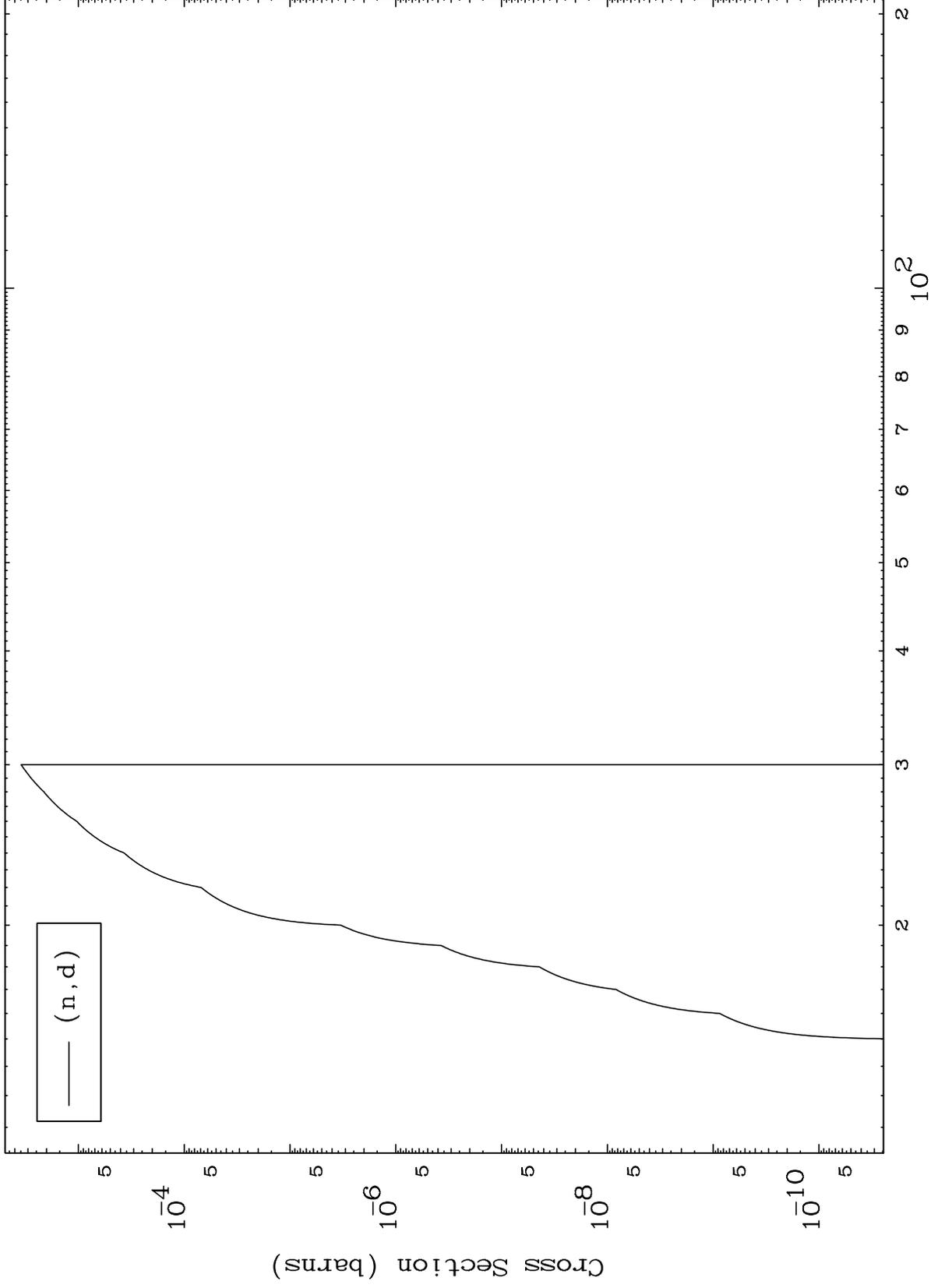
Incident Energy (MeV)

50-Sn-117m

MAT 5041

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

50-Sn-117m



7

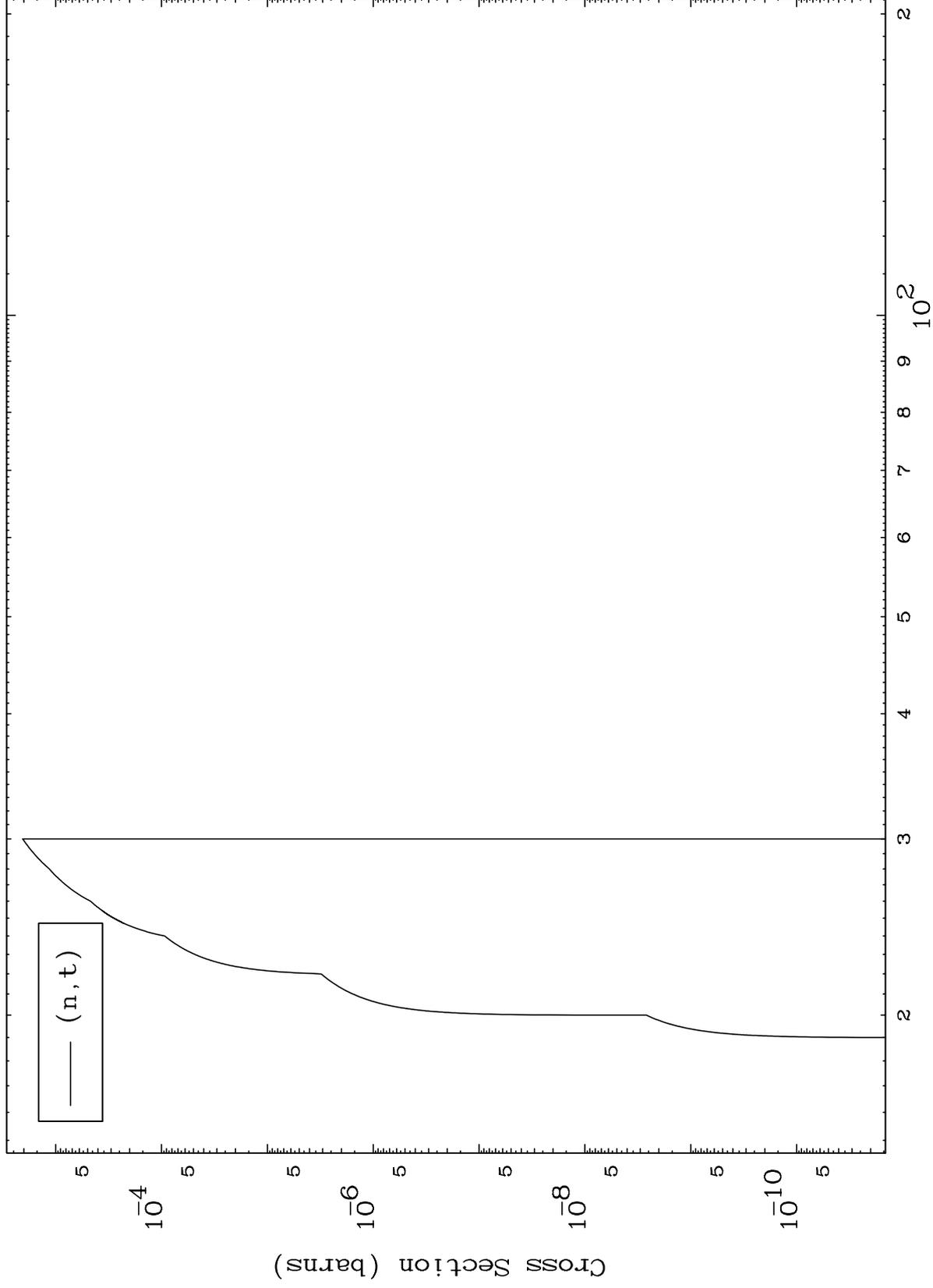
Incident Energy (MeV)

50-Sn-117m

MAT 5041

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

50-Sn-117m



8

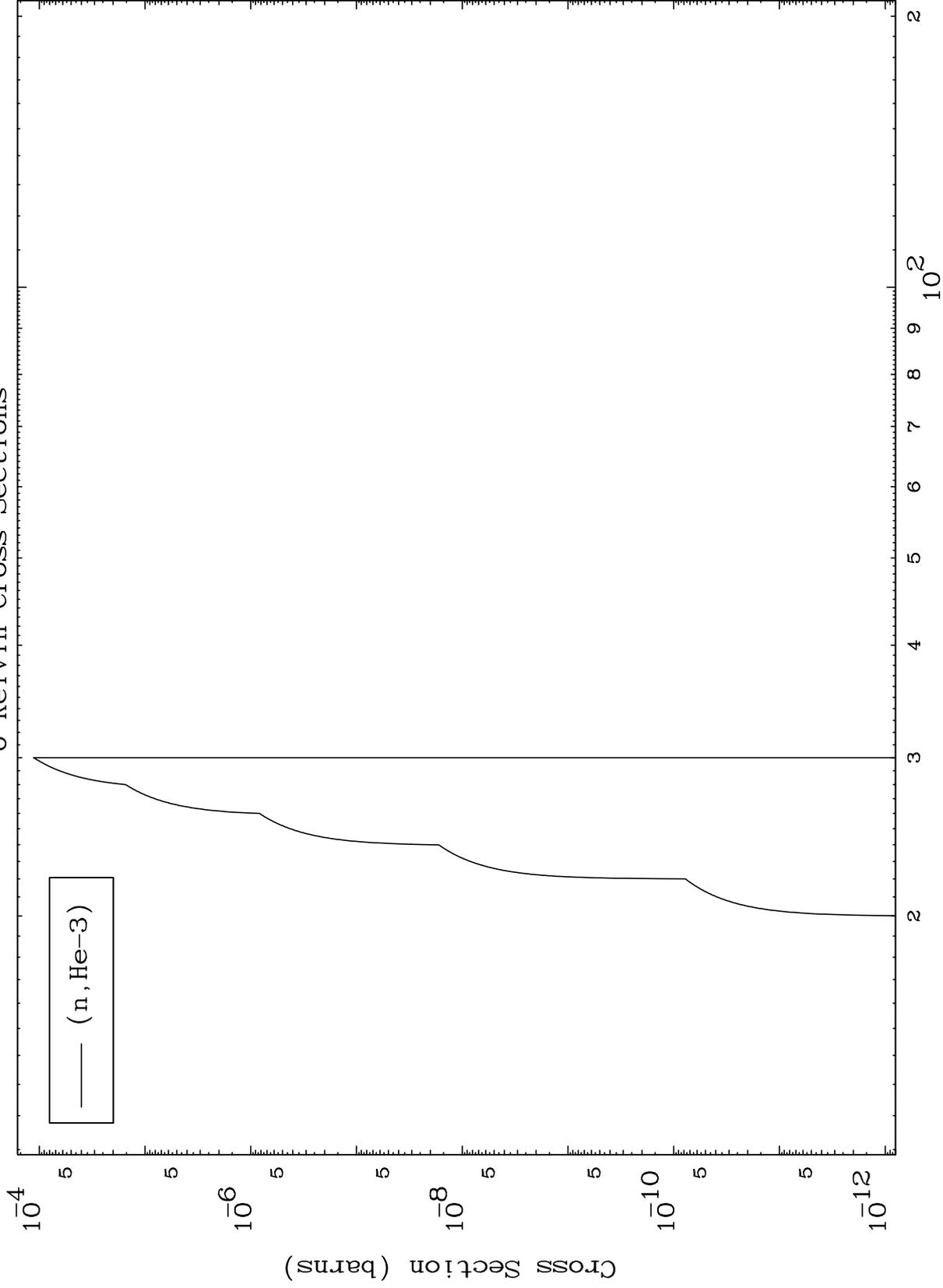
Incident Energy (MeV)

50-Sn-117m

MAT 5041

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

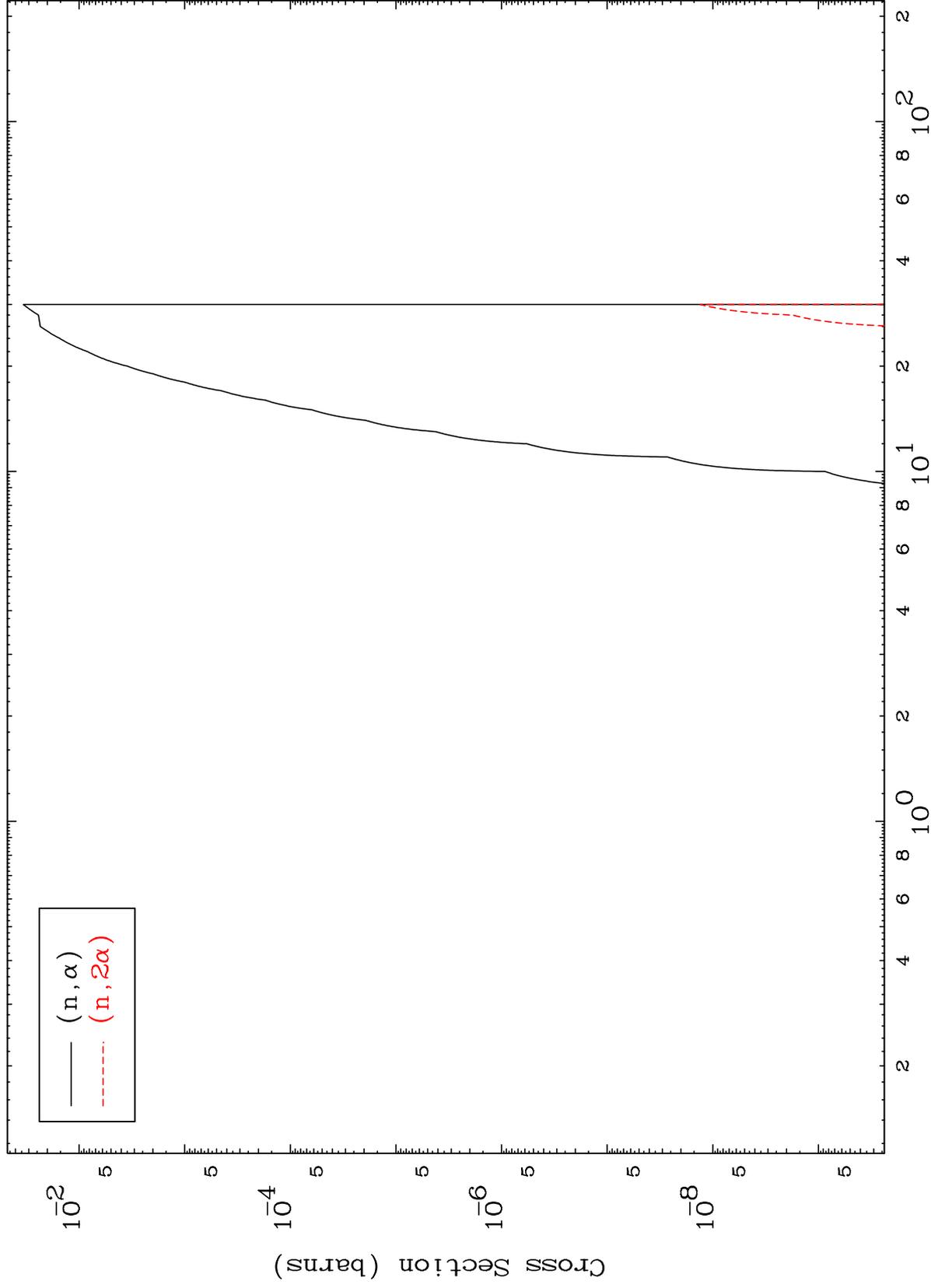
50-Sn-117m



MAT 5041

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

50-Sn-117m



10

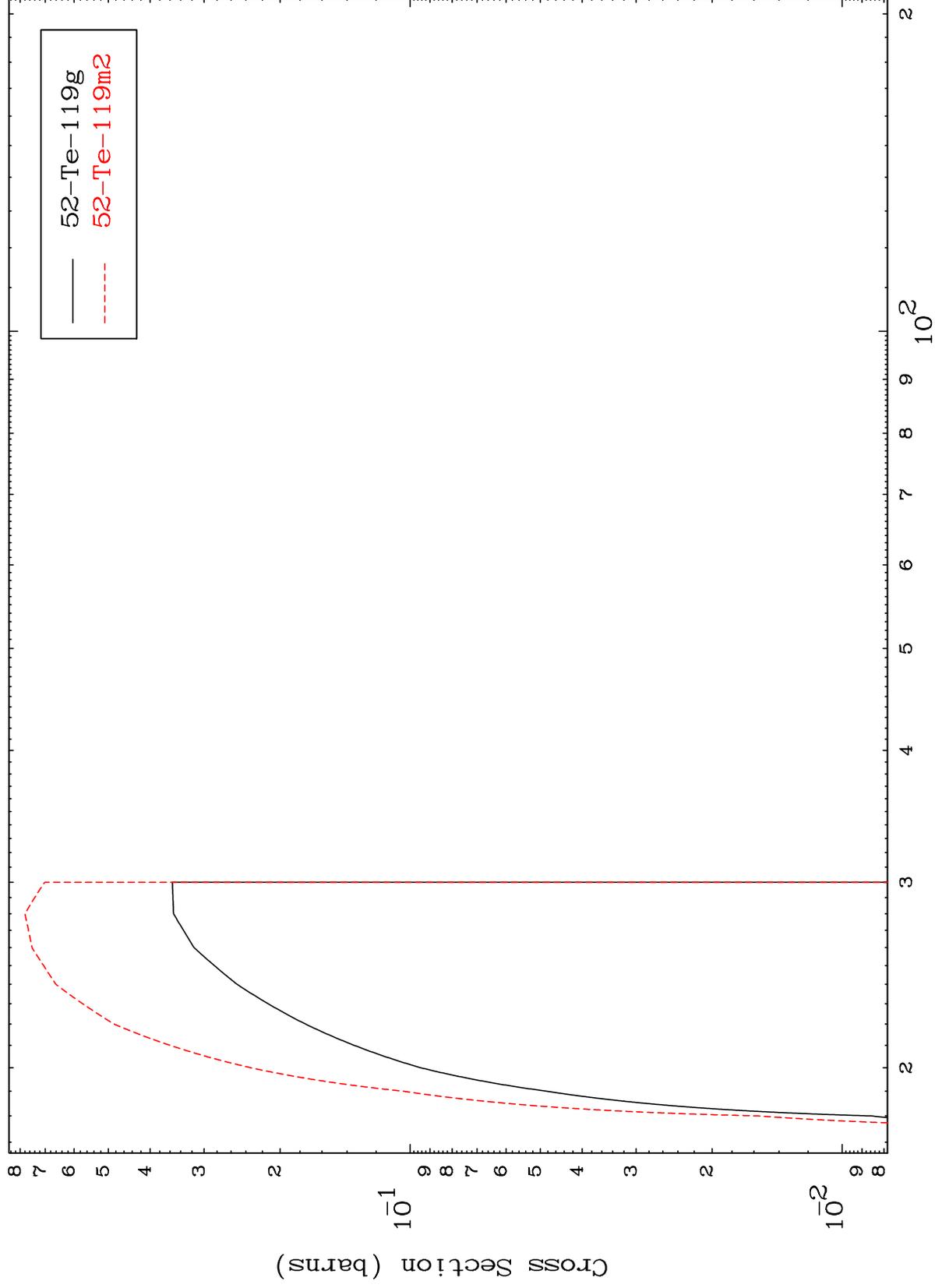
Incident Energy (MeV)

50-Sn-117m

MAT 5041

50-Sn-117m

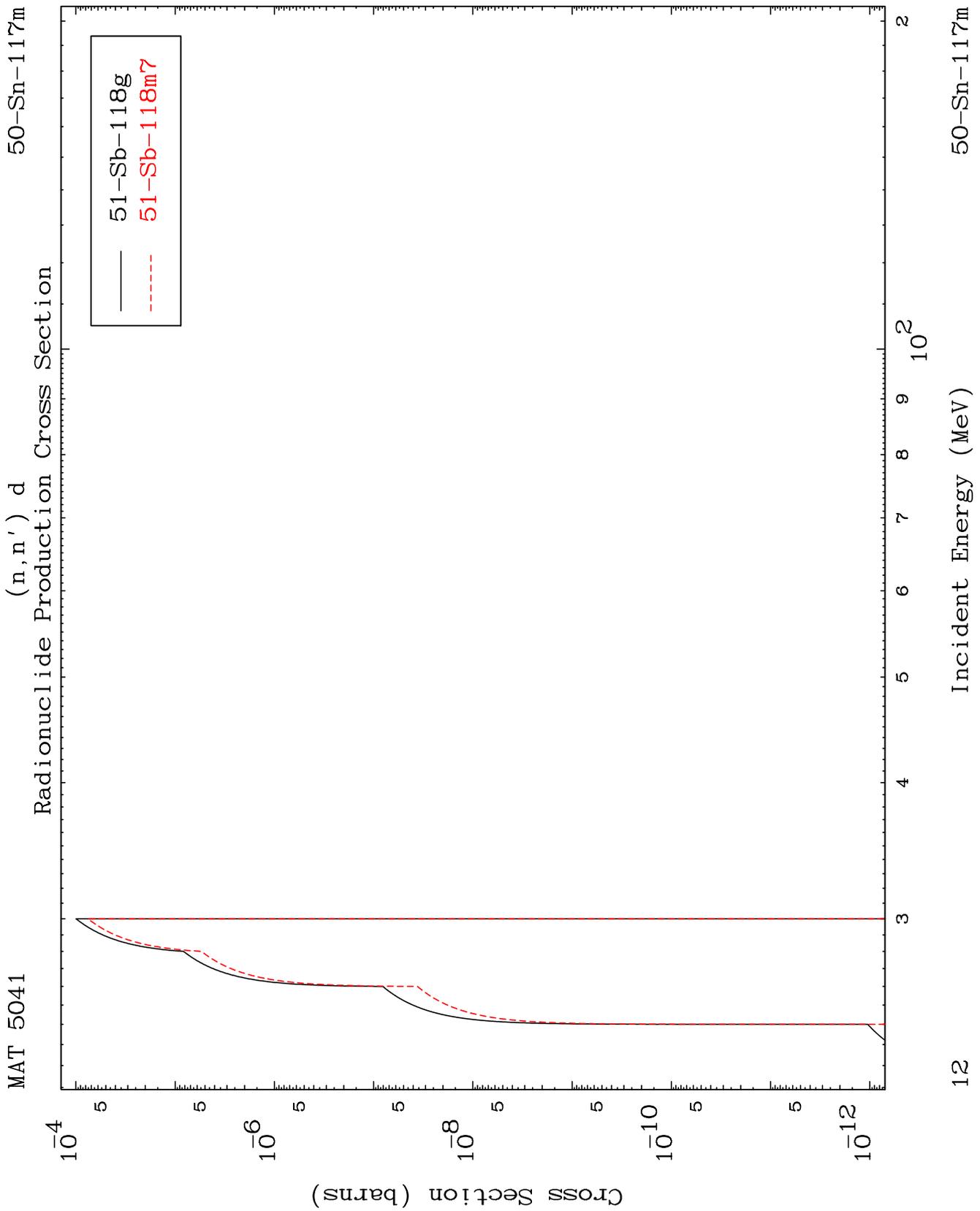
(n,2n)  
Radionuclide Production Cross Section



50-Sn-117m

Incident Energy (MeV)

11

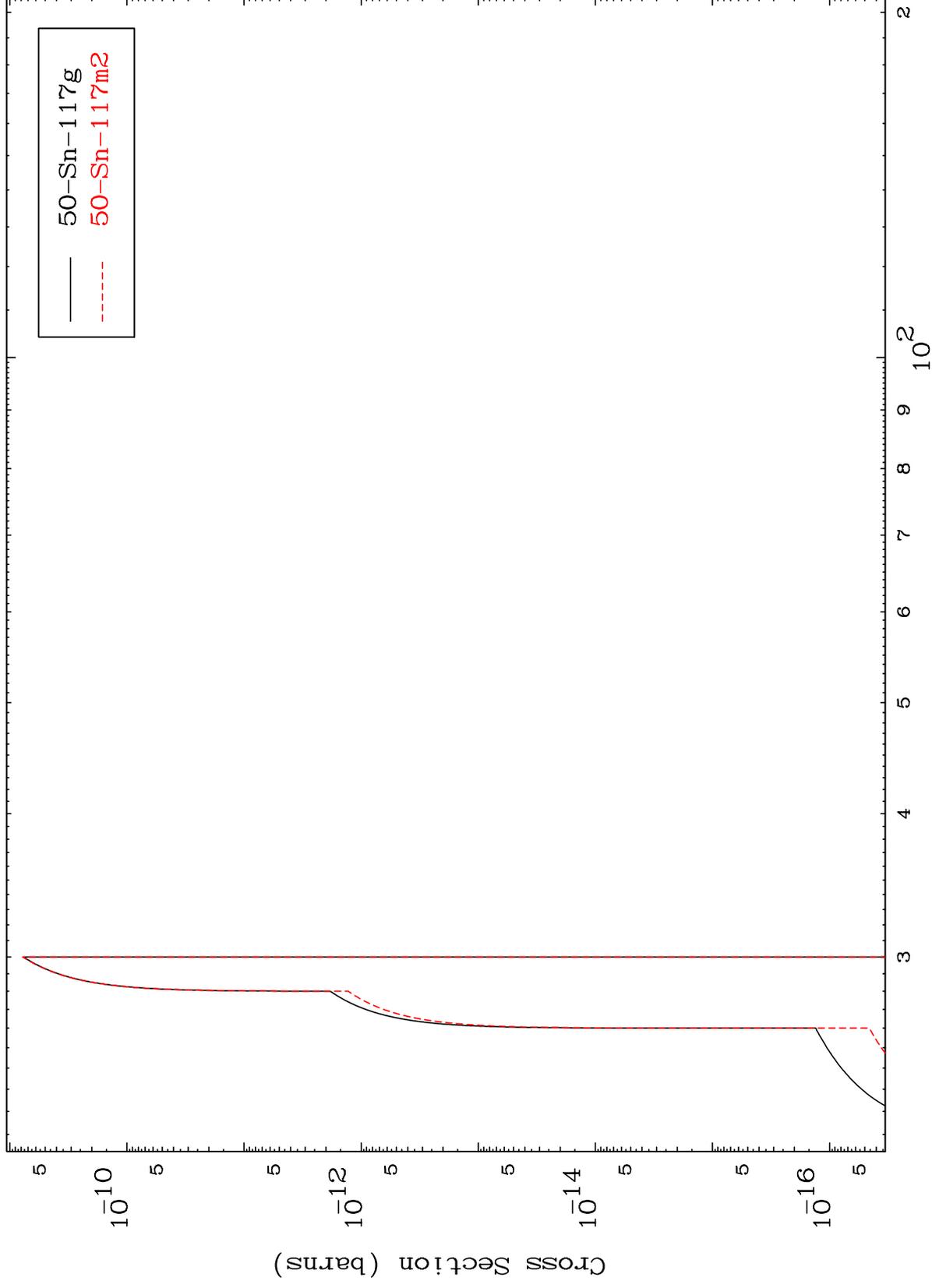


MAT 5041

(n,n') He-3

50-Sn-117m

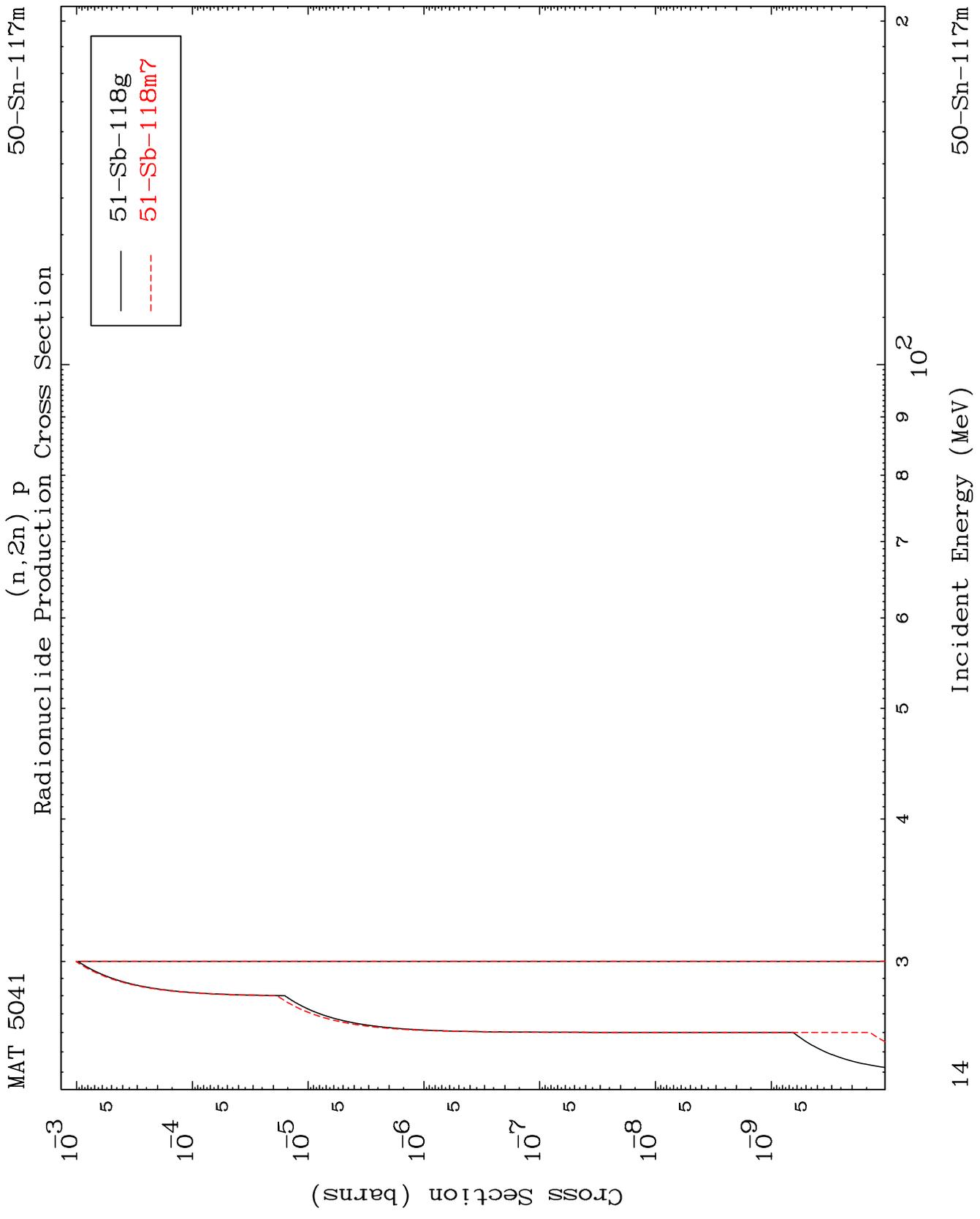
Radionuclide Production Cross Section



13

Incident Energy (MeV)

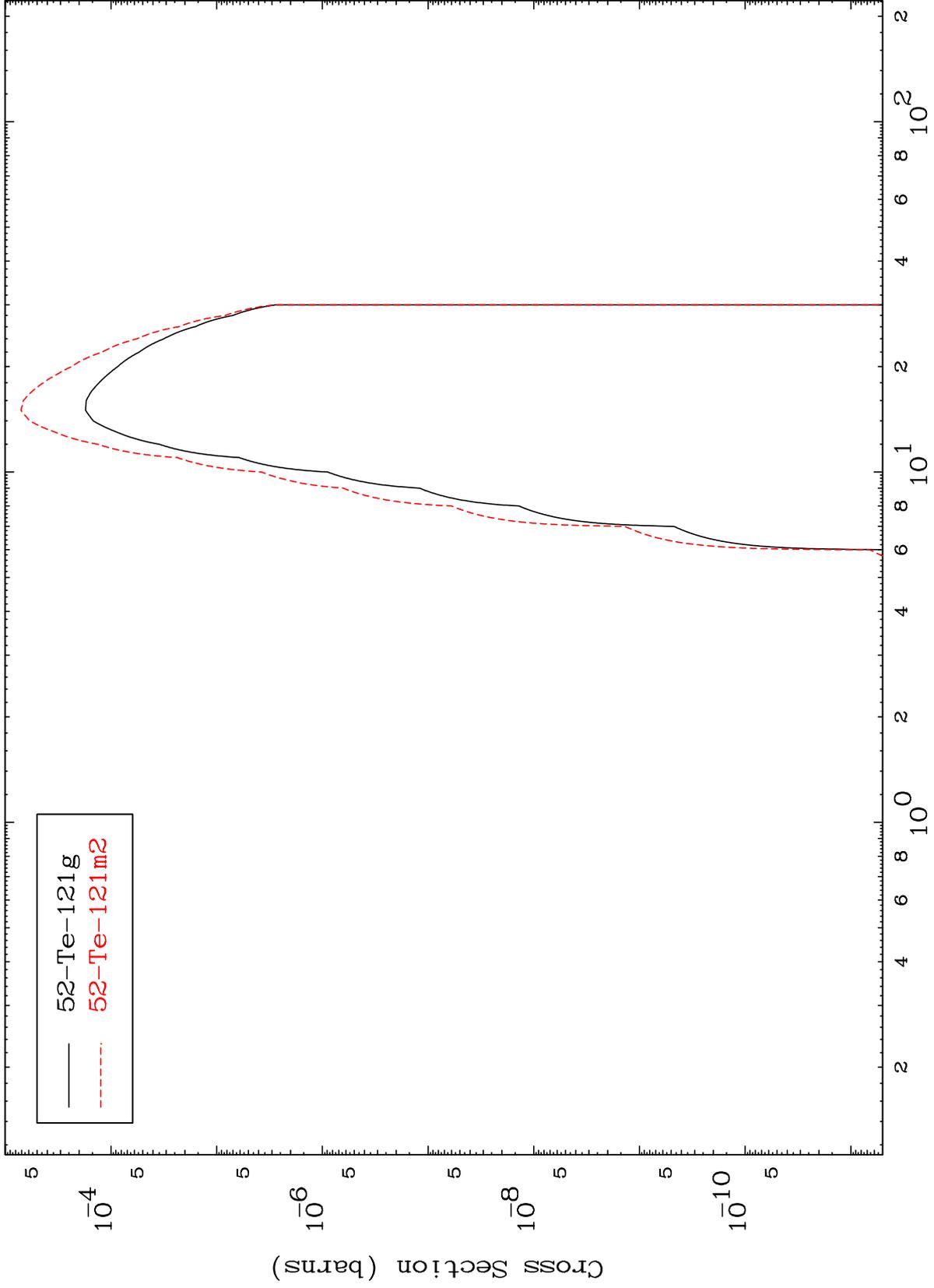
50-Sn-117m



MAT 5041

50-Sn-117m

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



15

50-Sn-117m

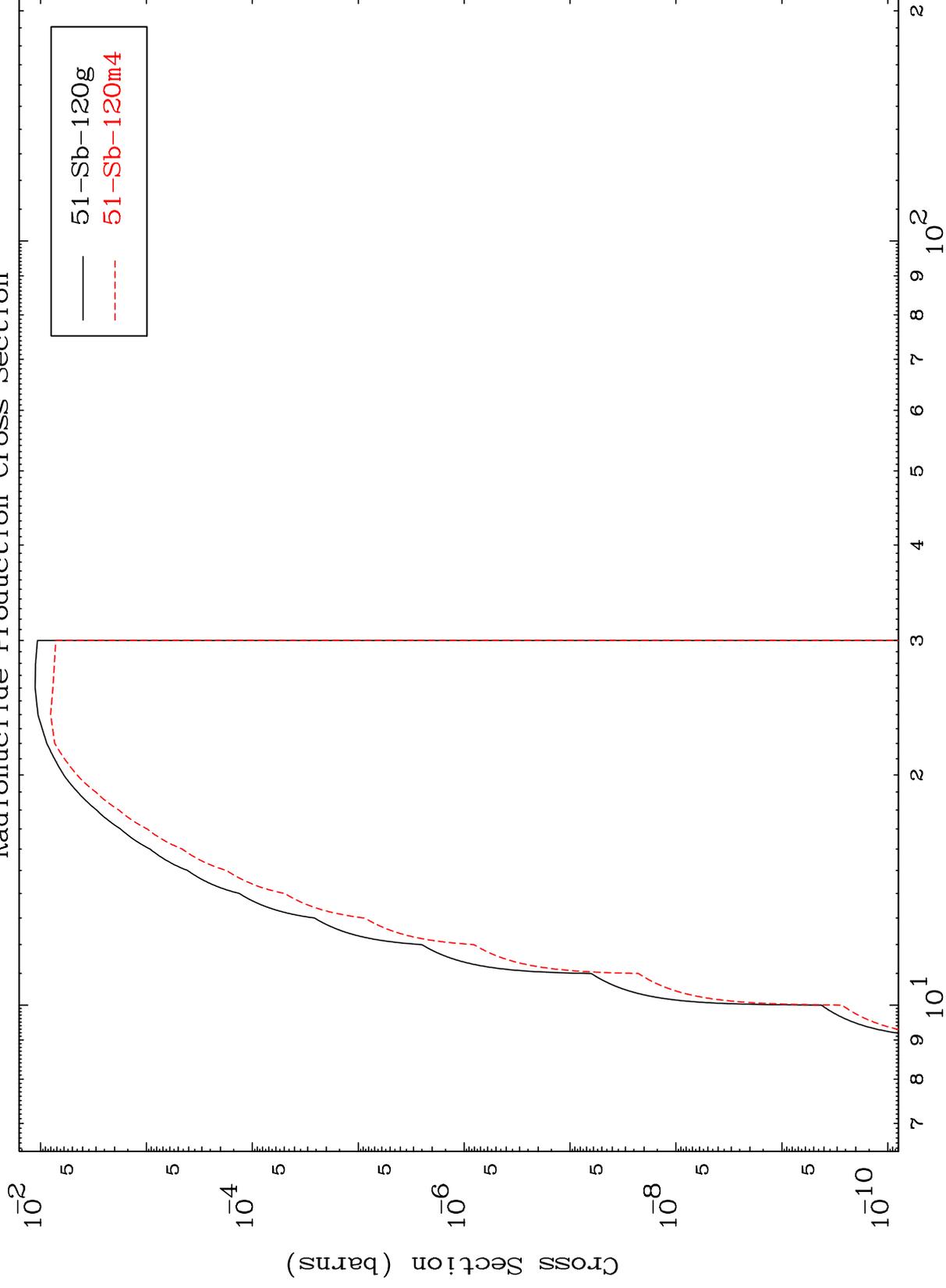
Incident Energy (MeV)

MAT 5041

(n,p)

50-Sn-117m

Radionuclide Production Cross Section



16

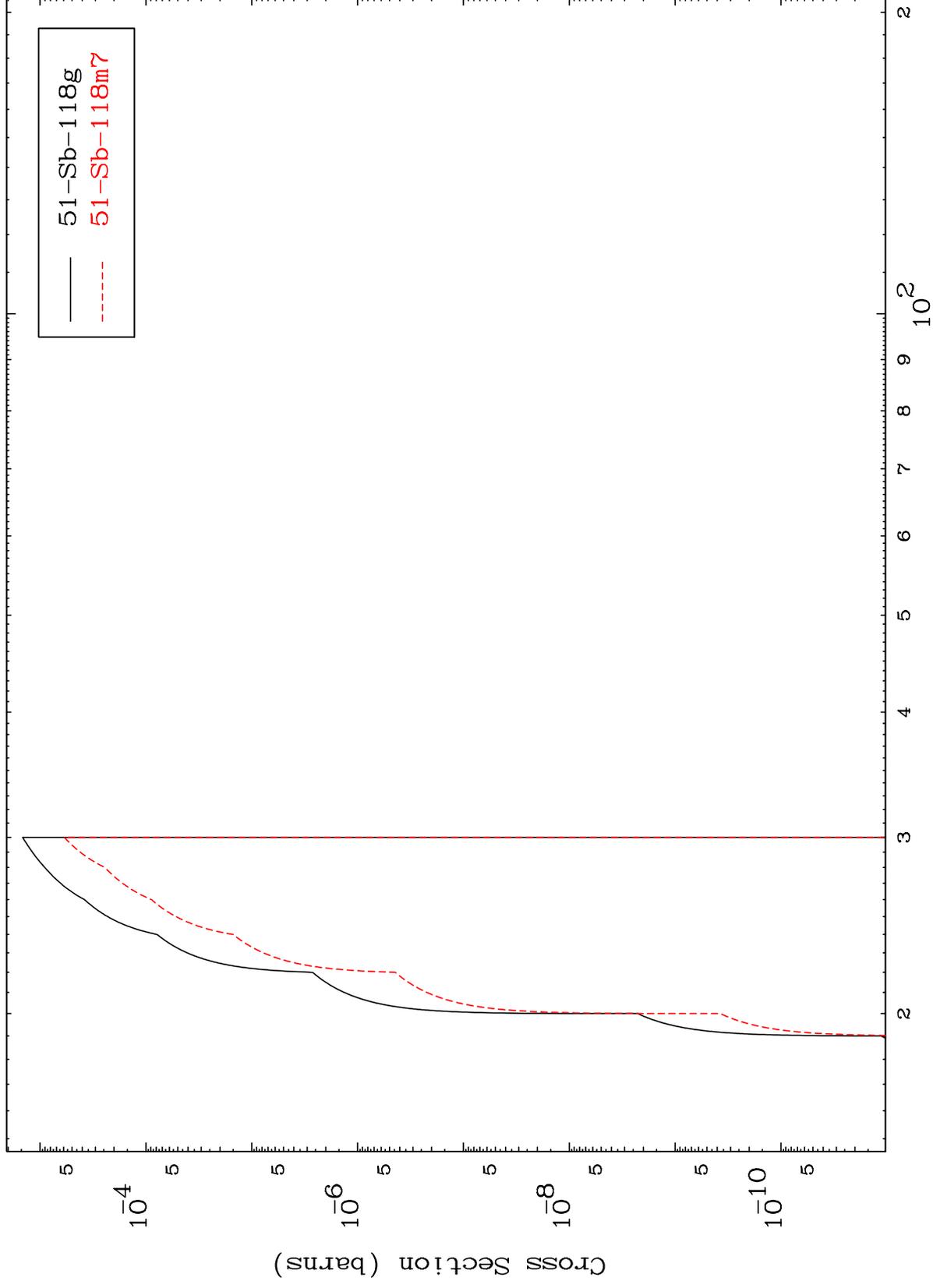
Incident Energy (MeV)

50-Sn-117m

MAT 5041

50-Sn-117m

(n,t)  
Radionuclide Production Cross Section



17

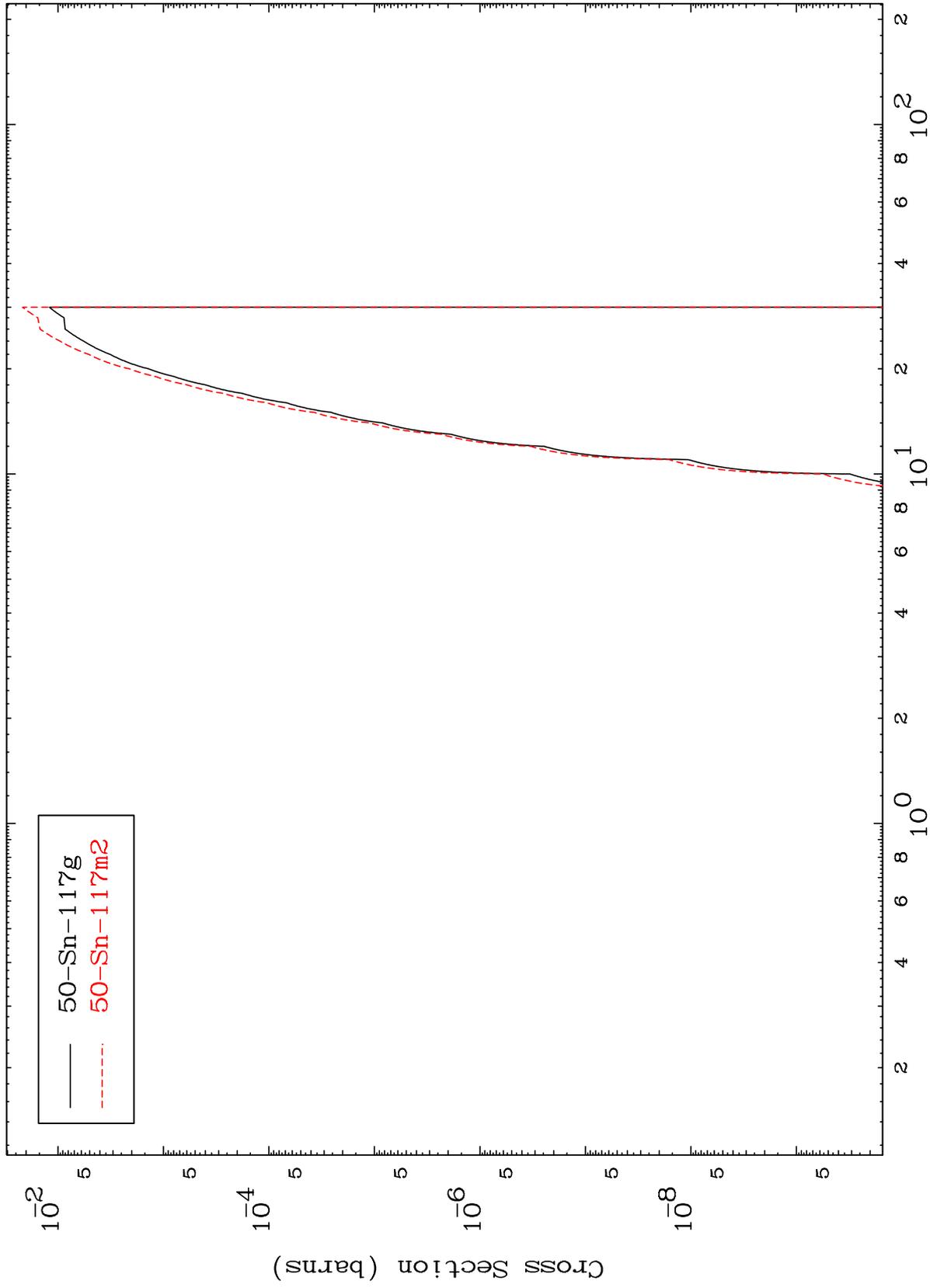
Incident Energy (MeV)

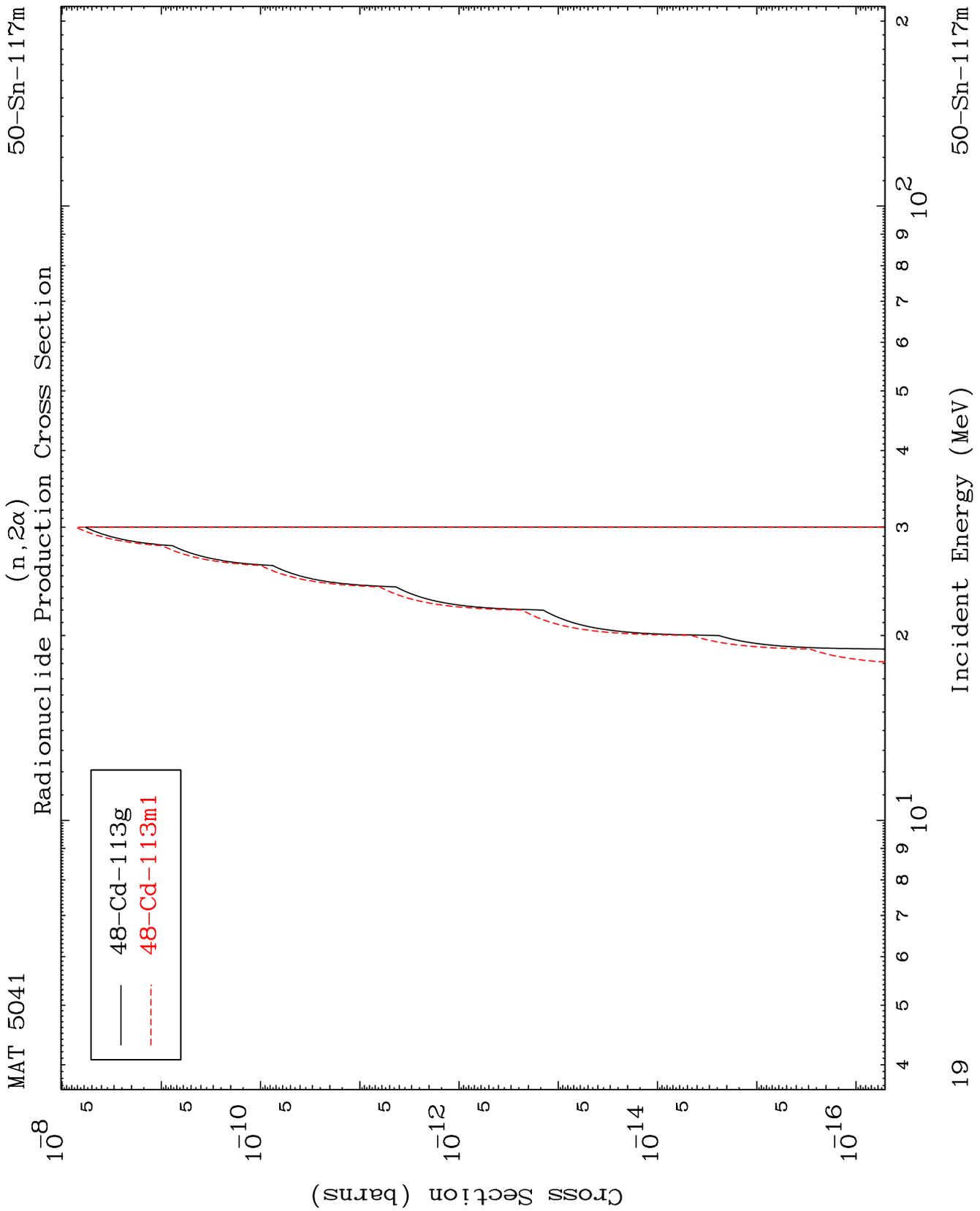
50-Sn-117m

MAT 5041

50-Sn-117m

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

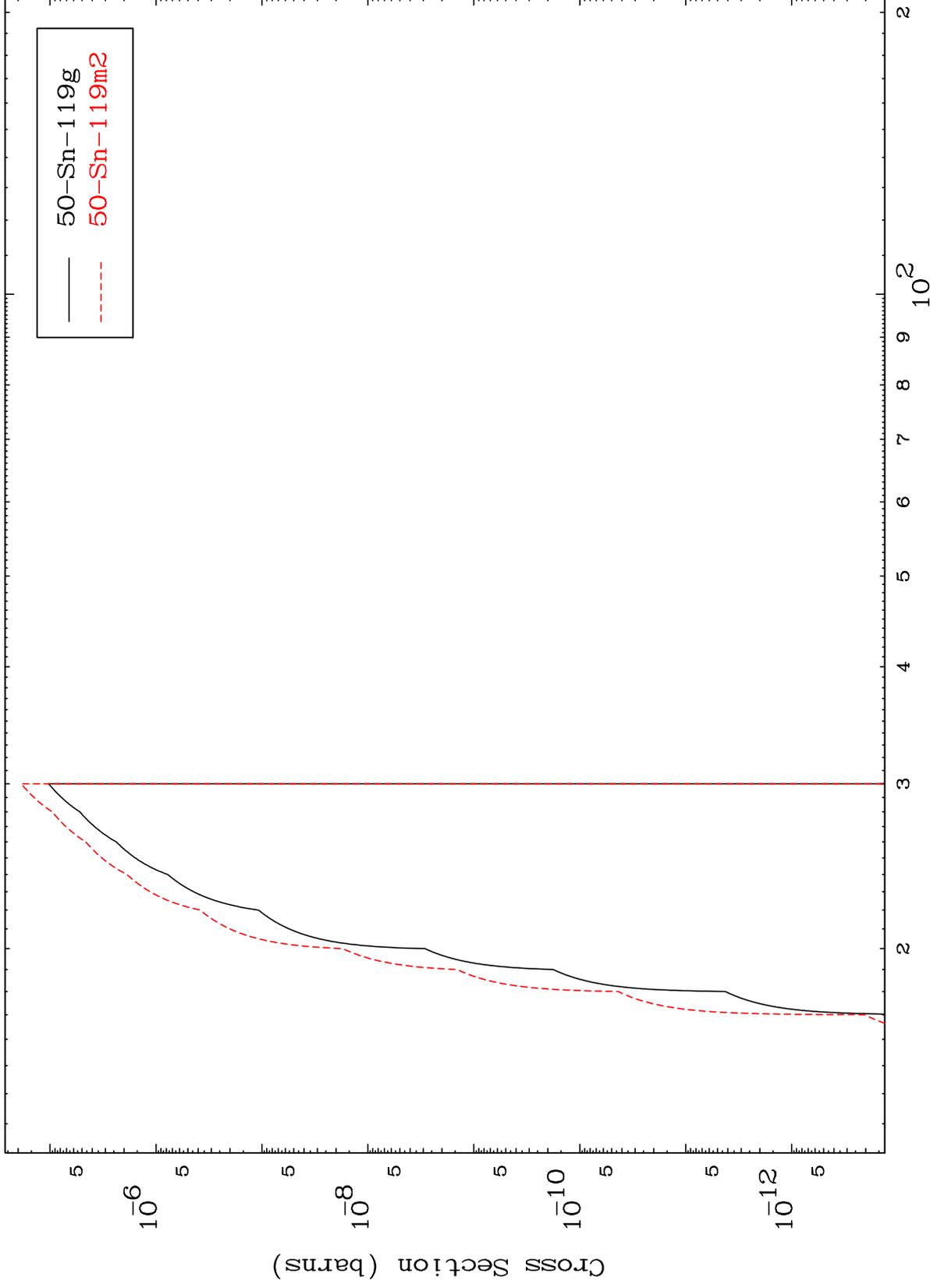




MAT 5041

50-Sn-117m

(n,2p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

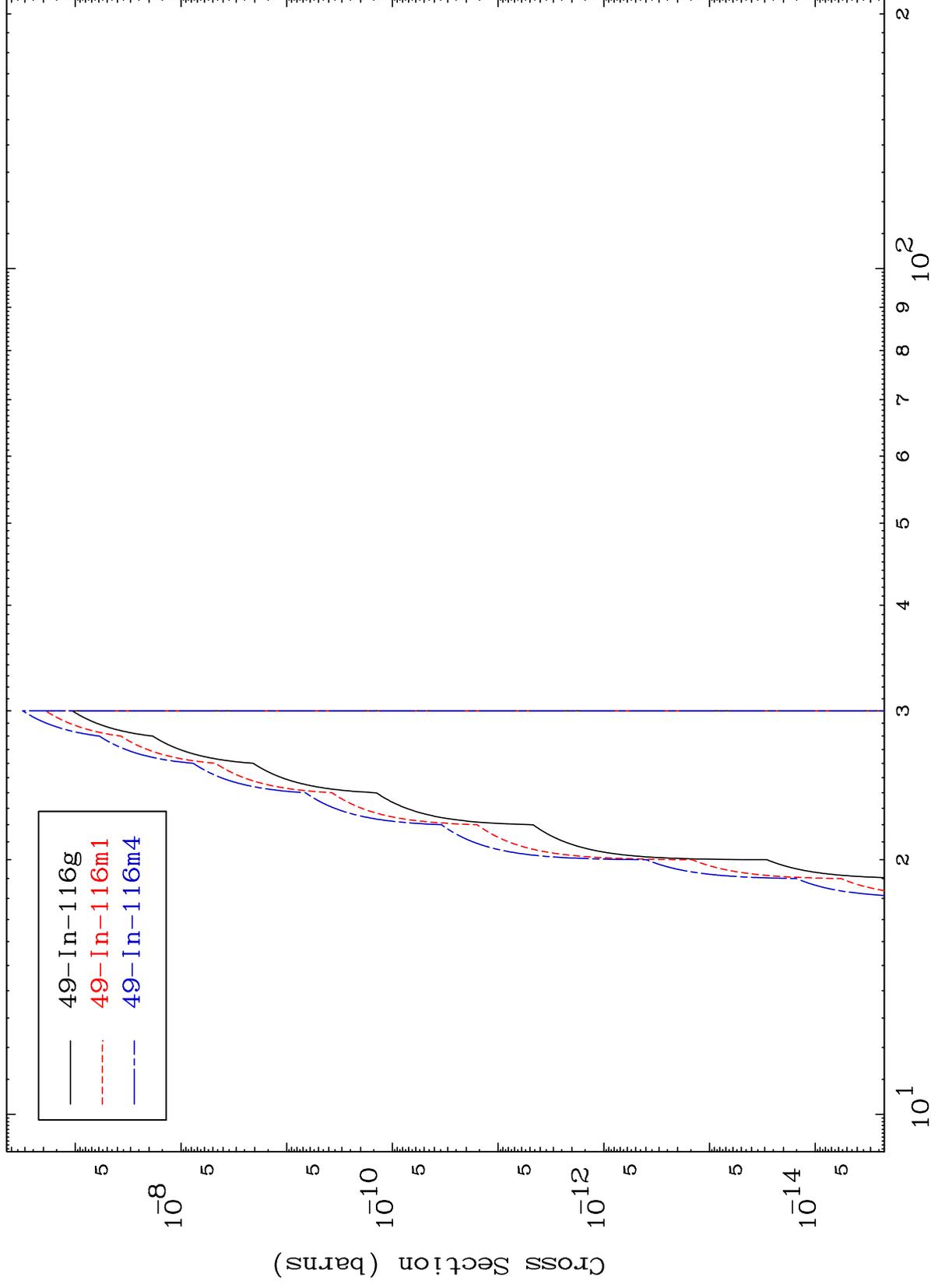
50-Sn-117m

MAT 5041

50-Sn-117m

(n,p)  $\alpha$

Radionuclide Production Cross Section



50-Sn-117m

Incident Energy (MeV)

21

