

Program EVALPLOT  
(Version 2021-1)

by

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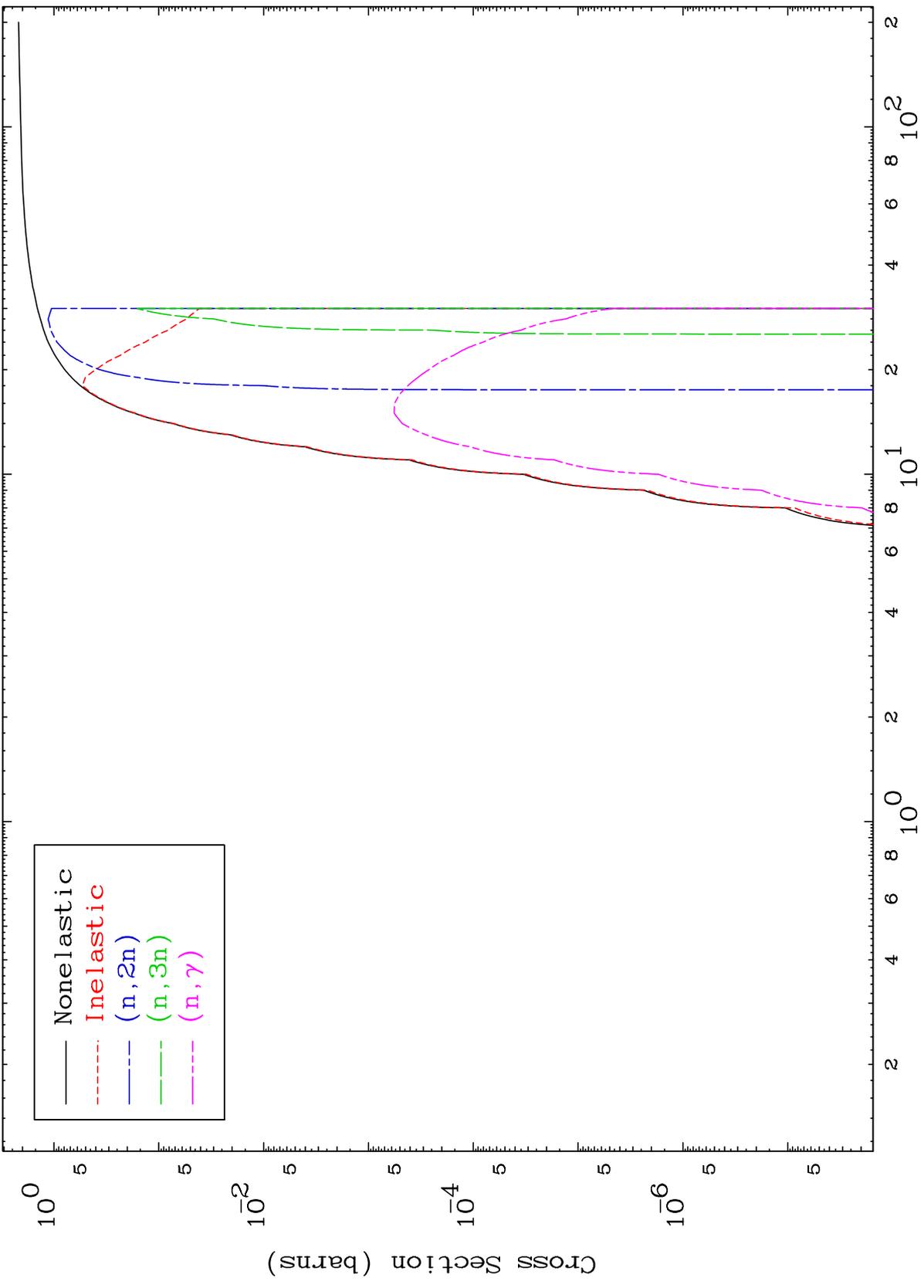
Press Mouse Button to Start

MAT 5040

$\alpha$  Major

50-Sn-117

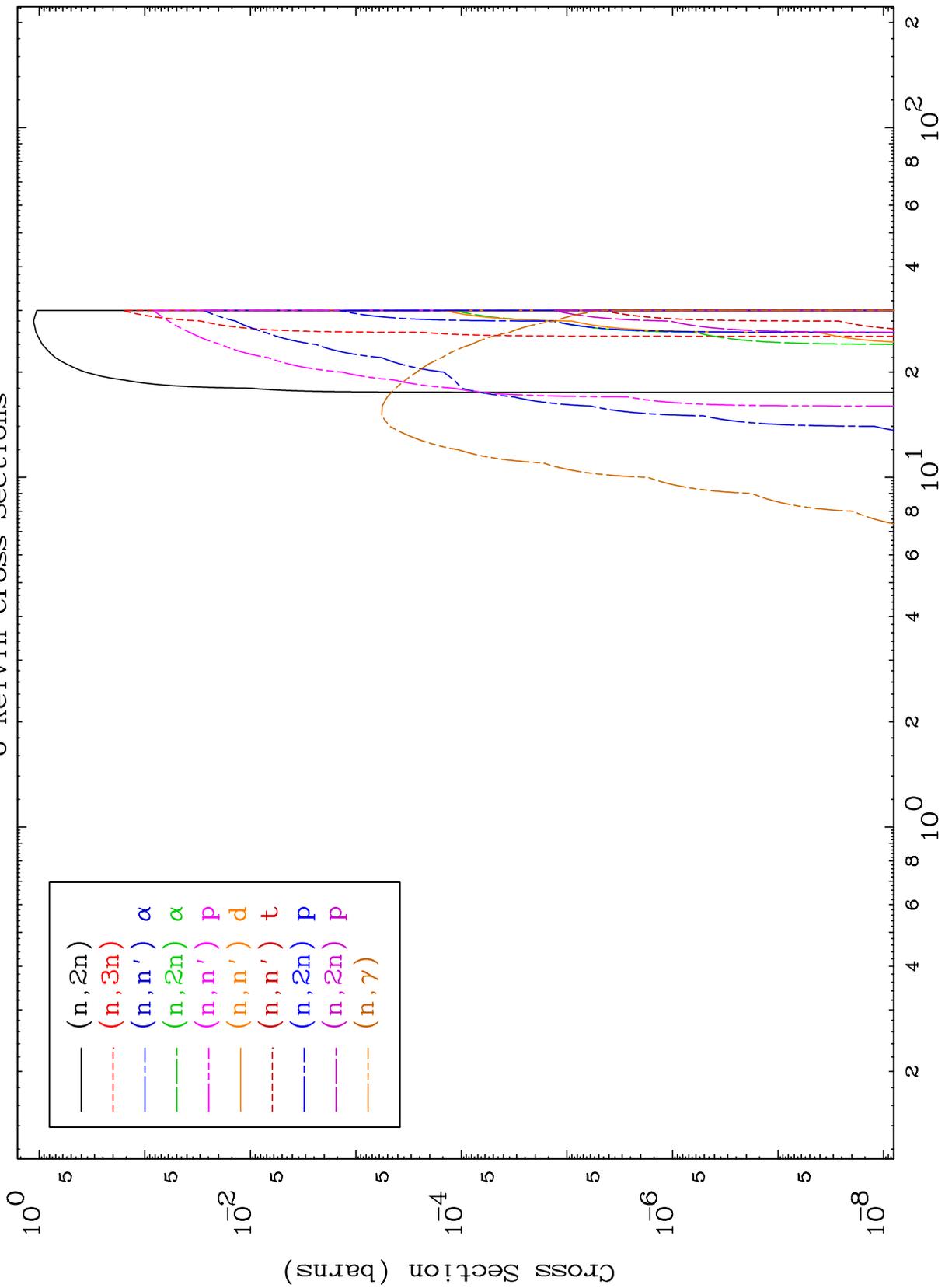
0 Kelvin Cross Sections



MAT 5040

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-117

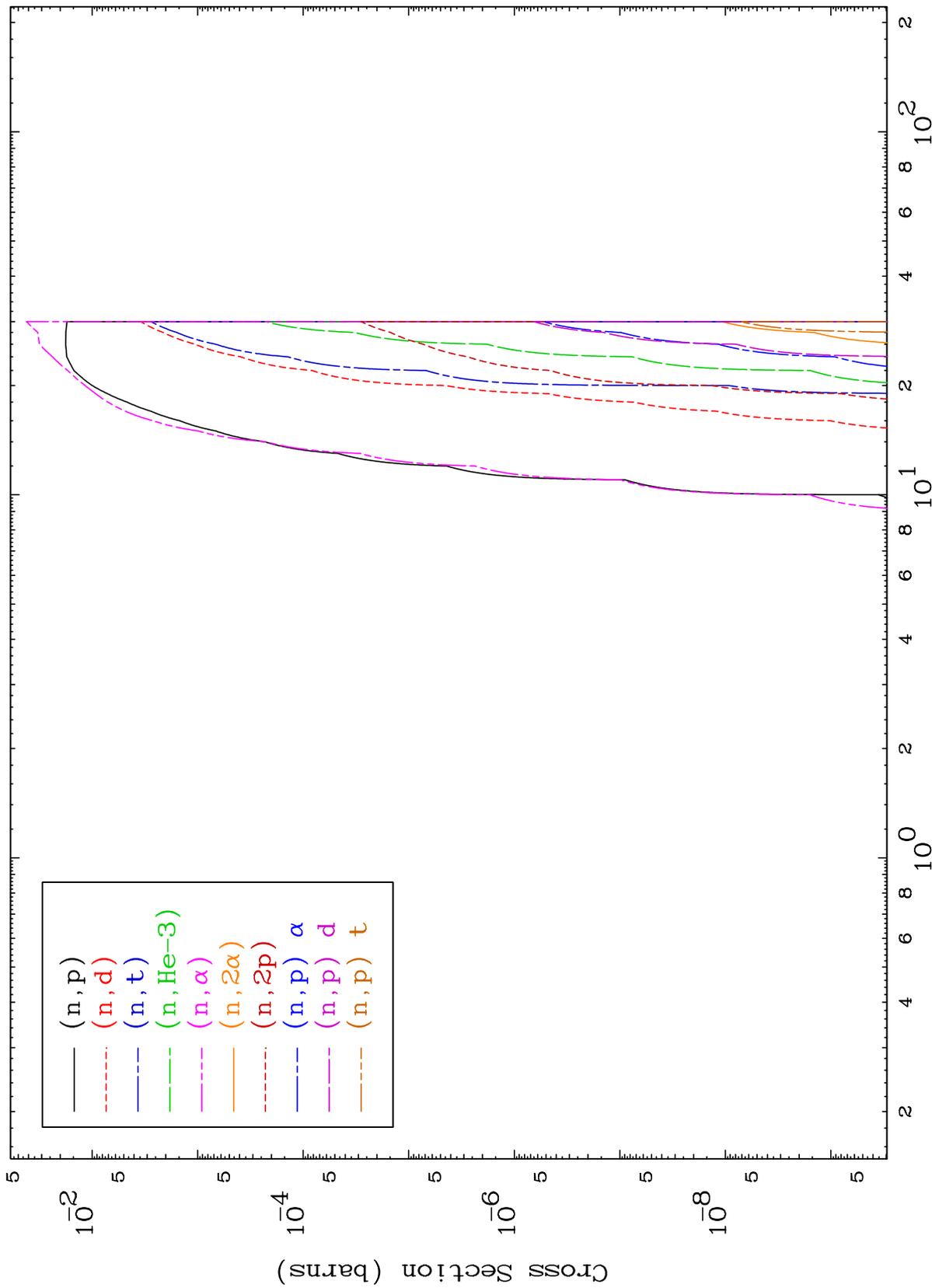


MAT 5040

$\alpha$  Neutron Absorption

50-Sn-117

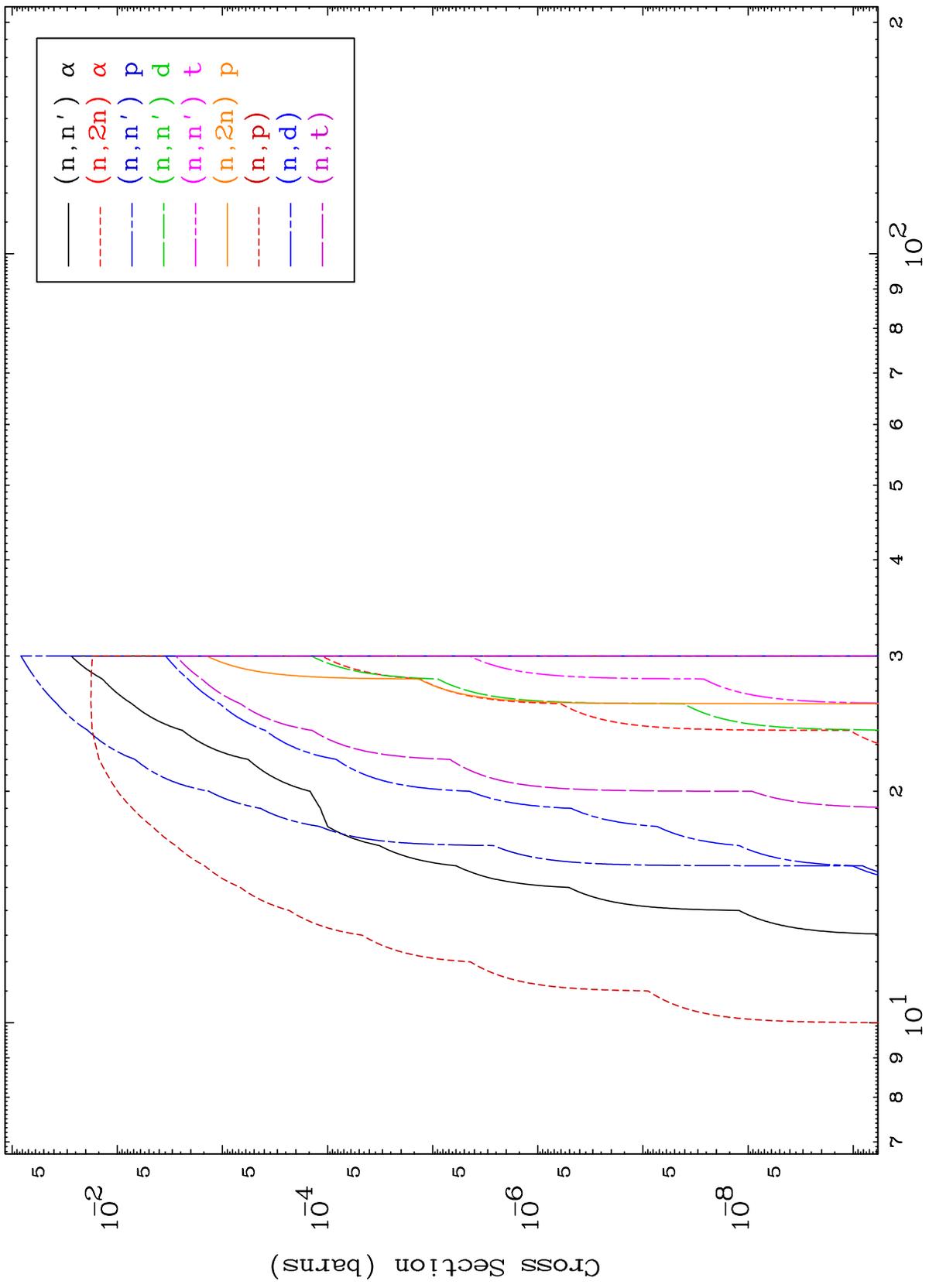
0 Kelvin Cross Sections



Incident Energy (MeV)

50-Sn-117

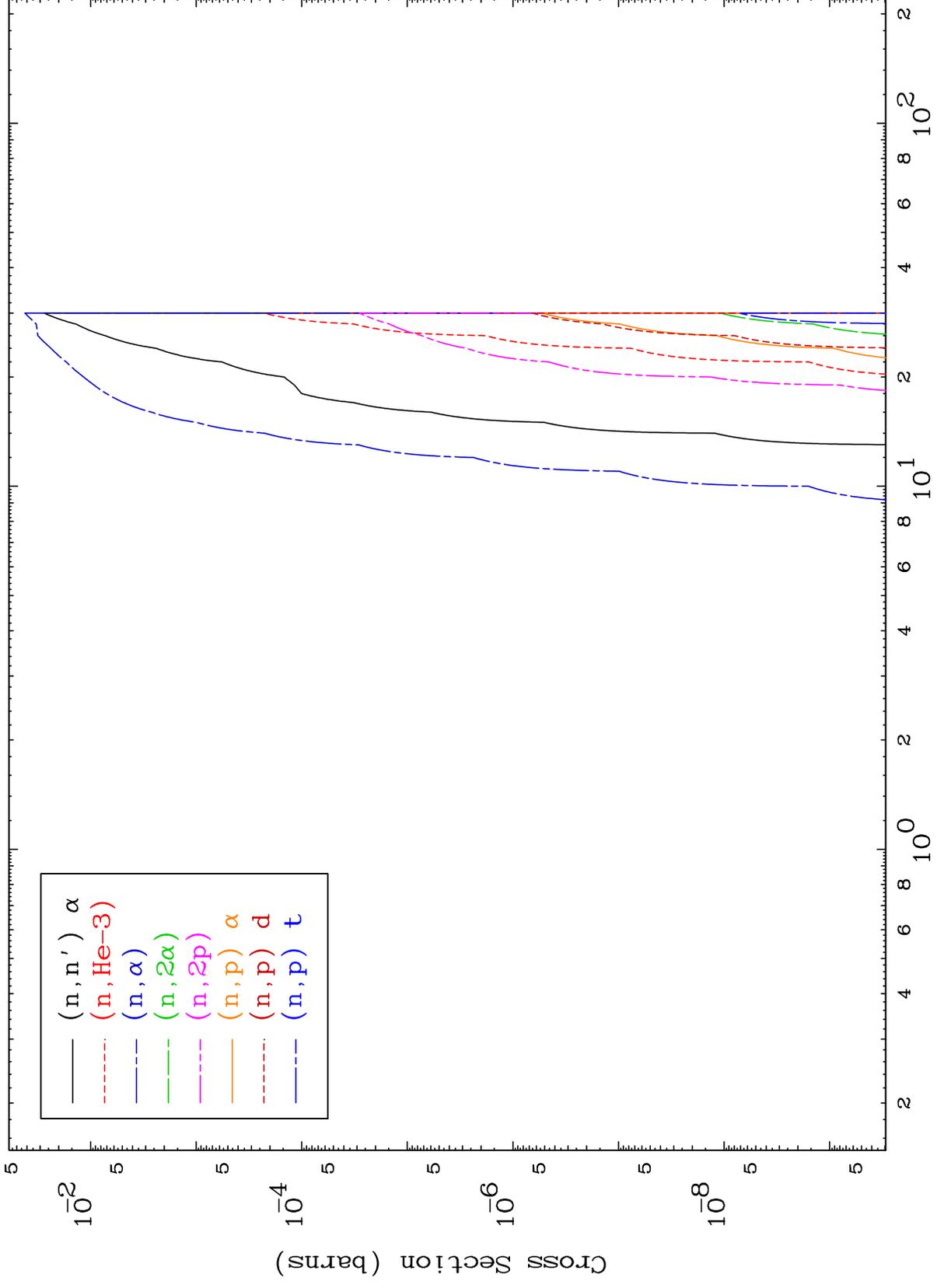
3



MAT 5040

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

50-Sn-117



5

Incident Energy (MeV)

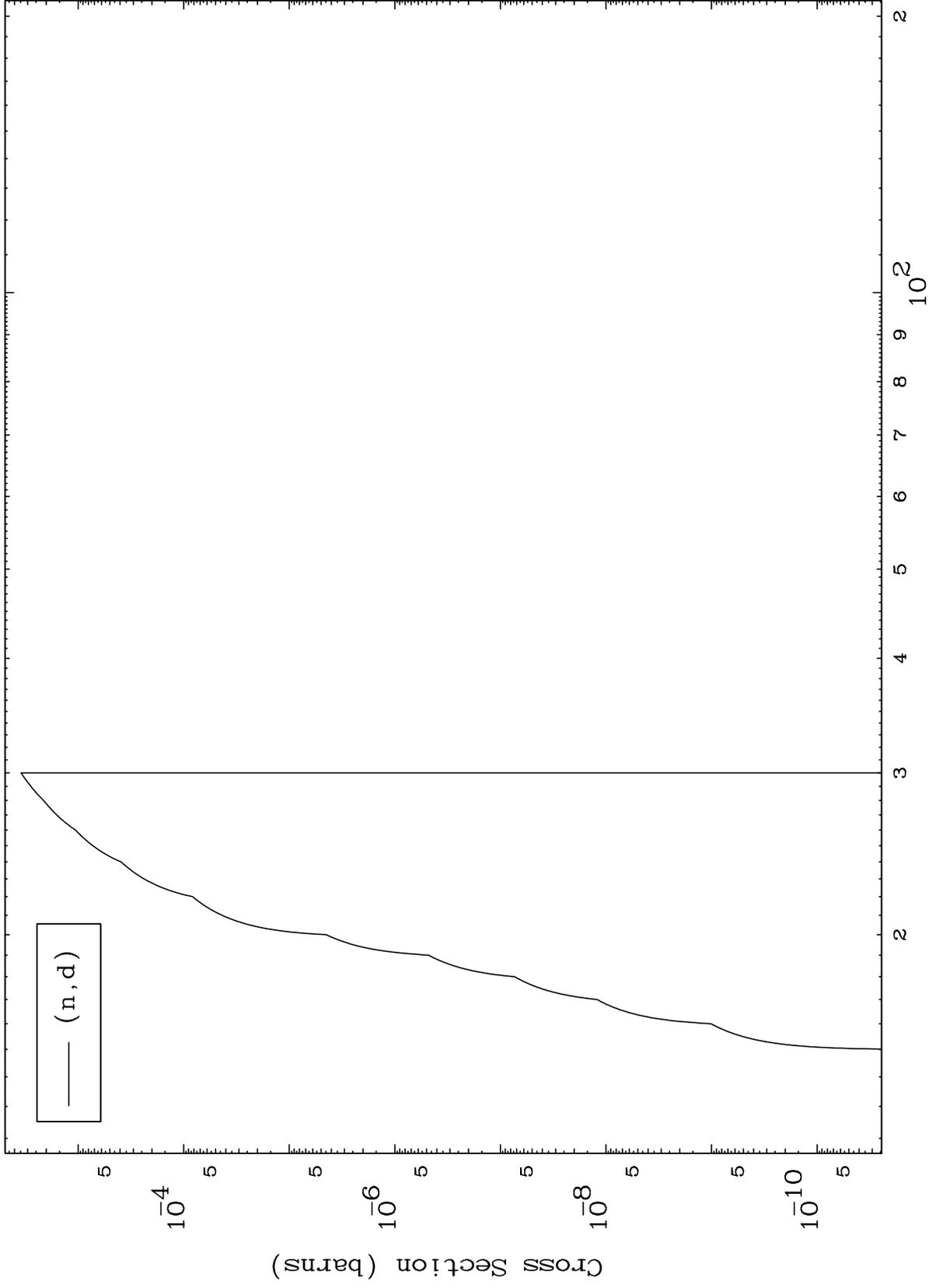
50-Sn-117



MAT 5040

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

50-Sn-117



7

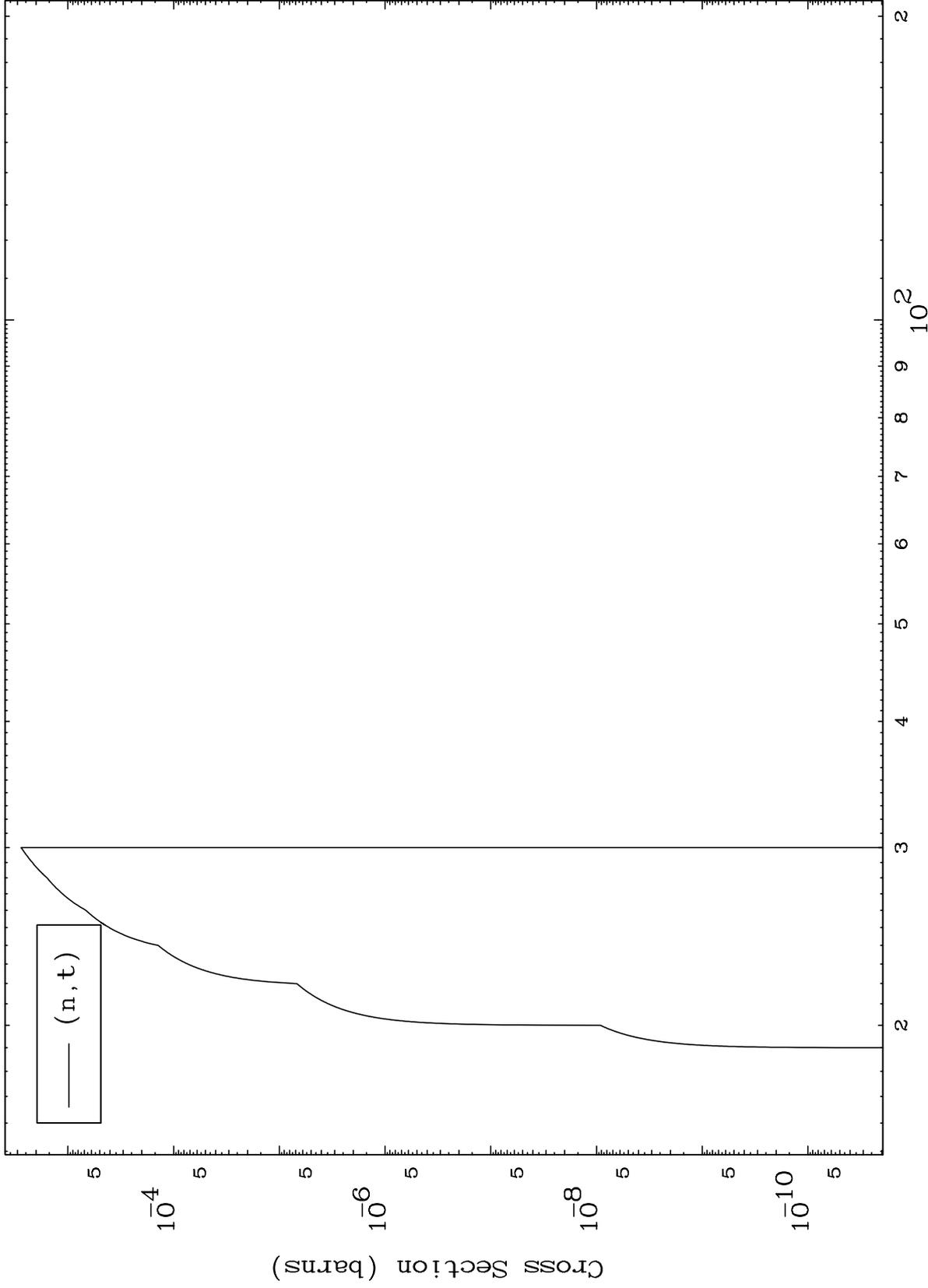
Incident Energy (MeV)

50-Sn-117

MAT 5040

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

50-Sn-117

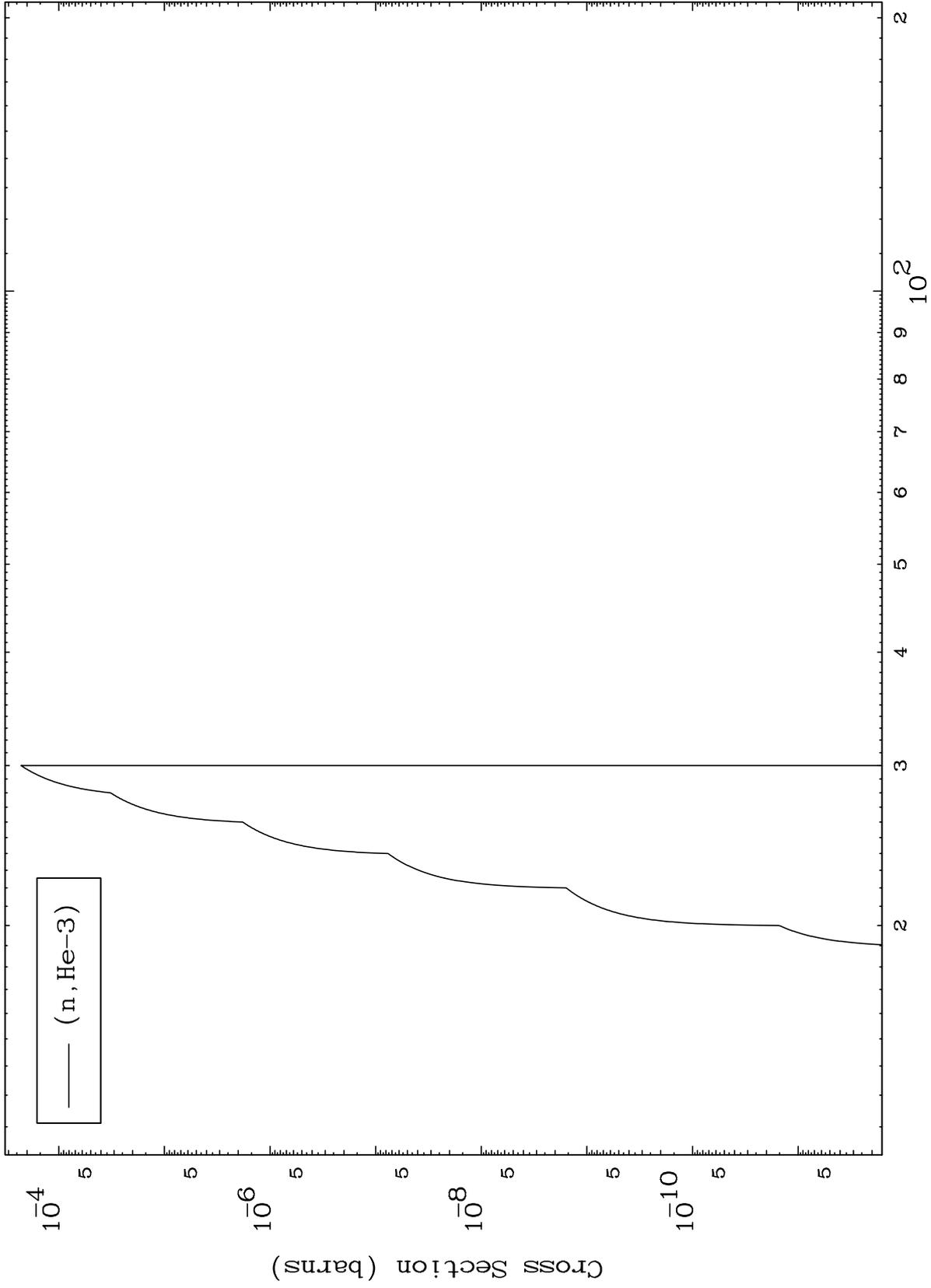


8

Incident Energy (MeV)

50-Sn-117

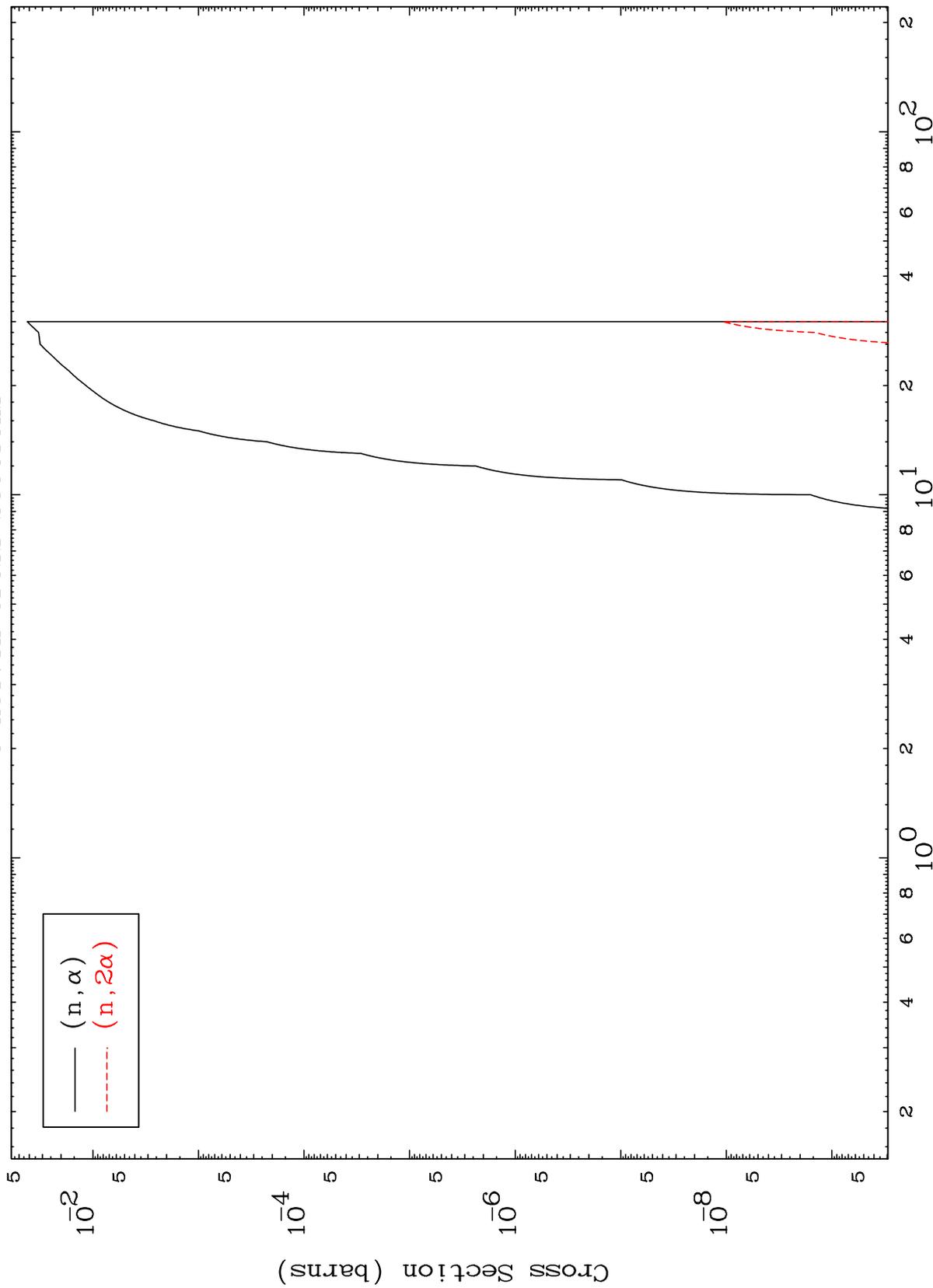
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



MAT 5040

50-Sn-117

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



50-Sn-117

Incident Energy (MeV)

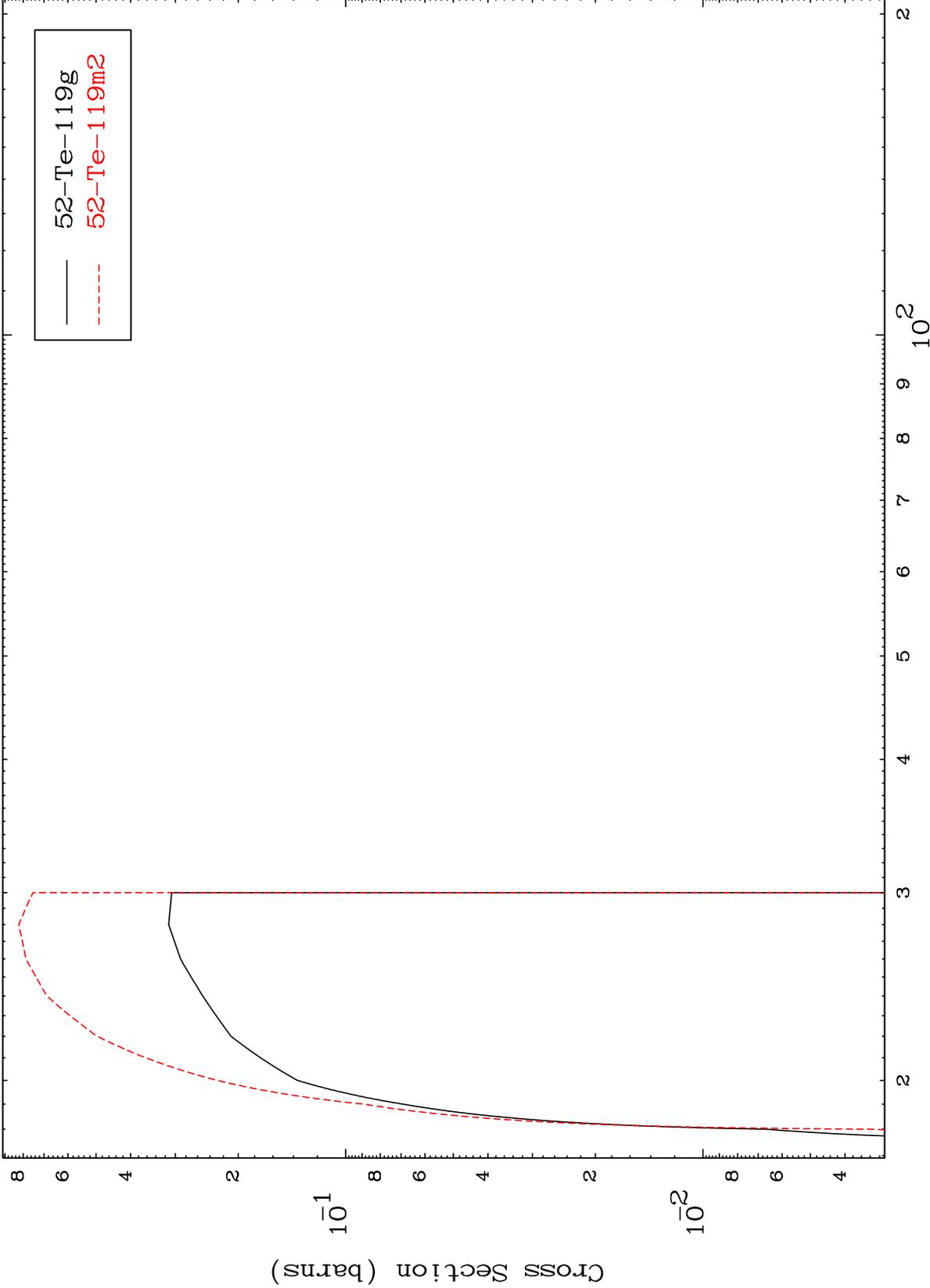
10

MAT 5040

(n,2n)

50-Sn-117

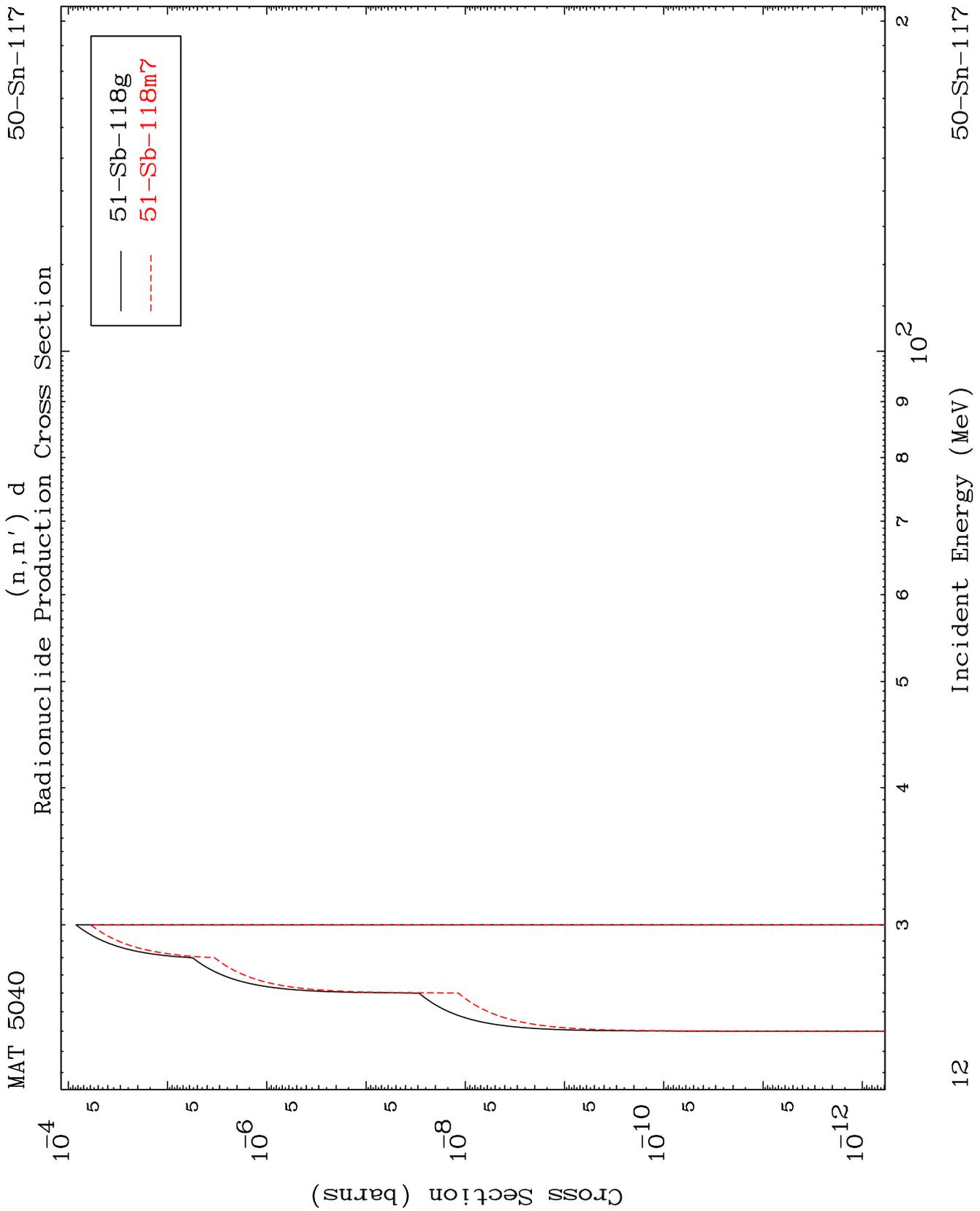
Radionuclide Production Cross Section



11

Incident Energy (MeV)

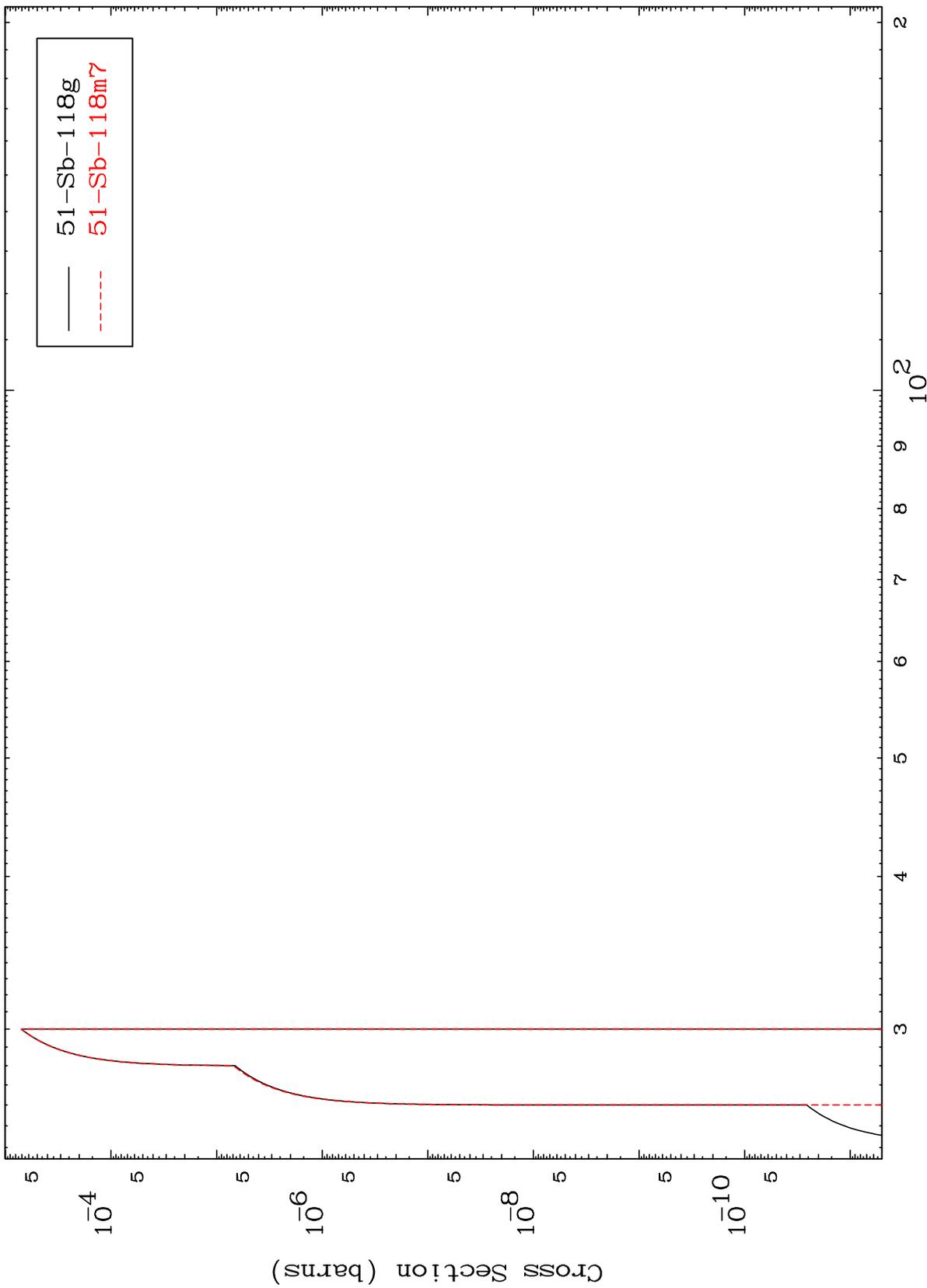
50-Sn-117



MAT 5040

50-Sn-117

(n,2n) p  
Radionuclide Production Cross Section



50-Sn-117

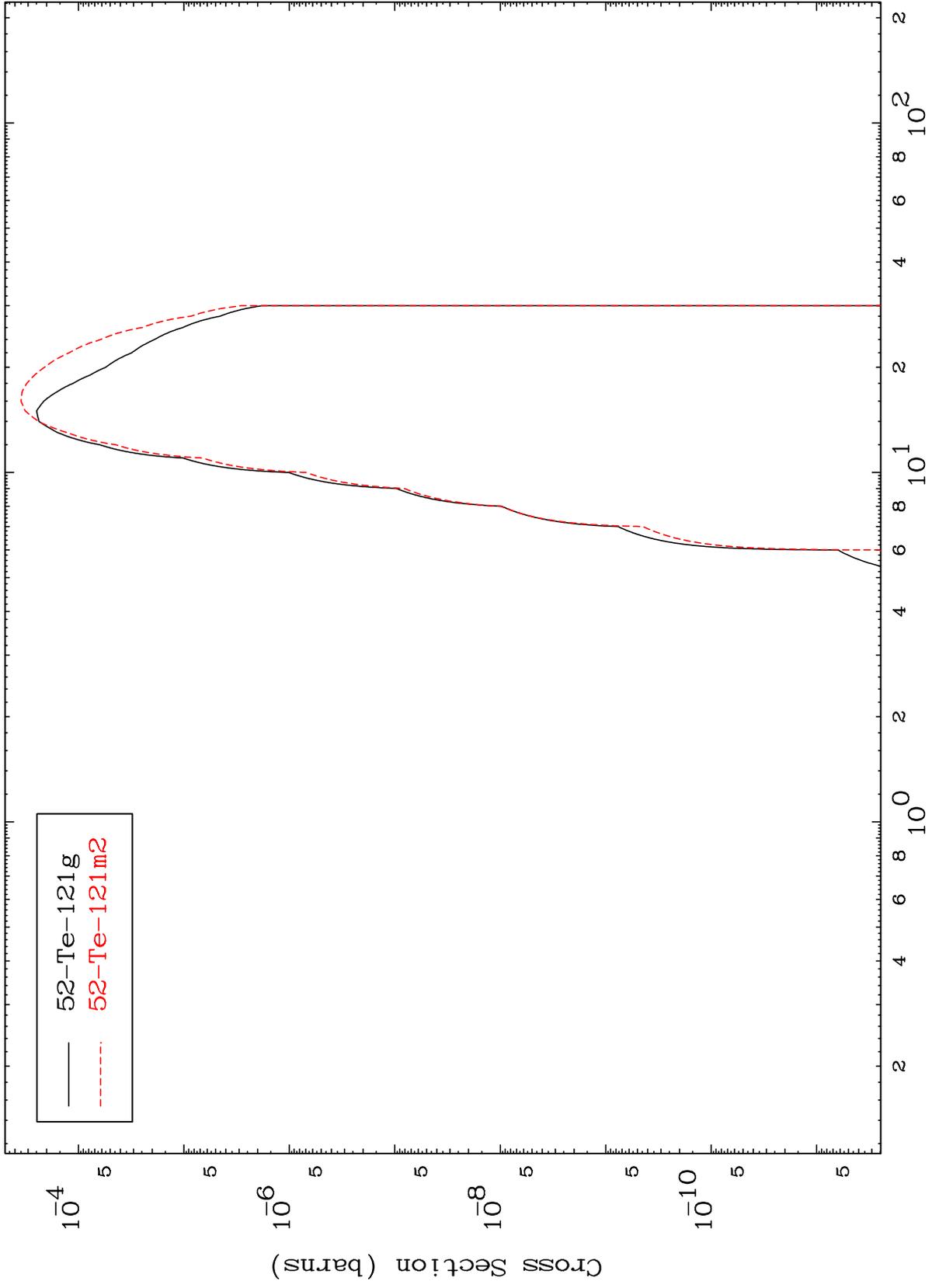
Incident Energy (MeV)

13

MAT 5040

50-Sn-117

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



— 52-Te-121g  
- - - 52-Te-121m2

50-Sn-117

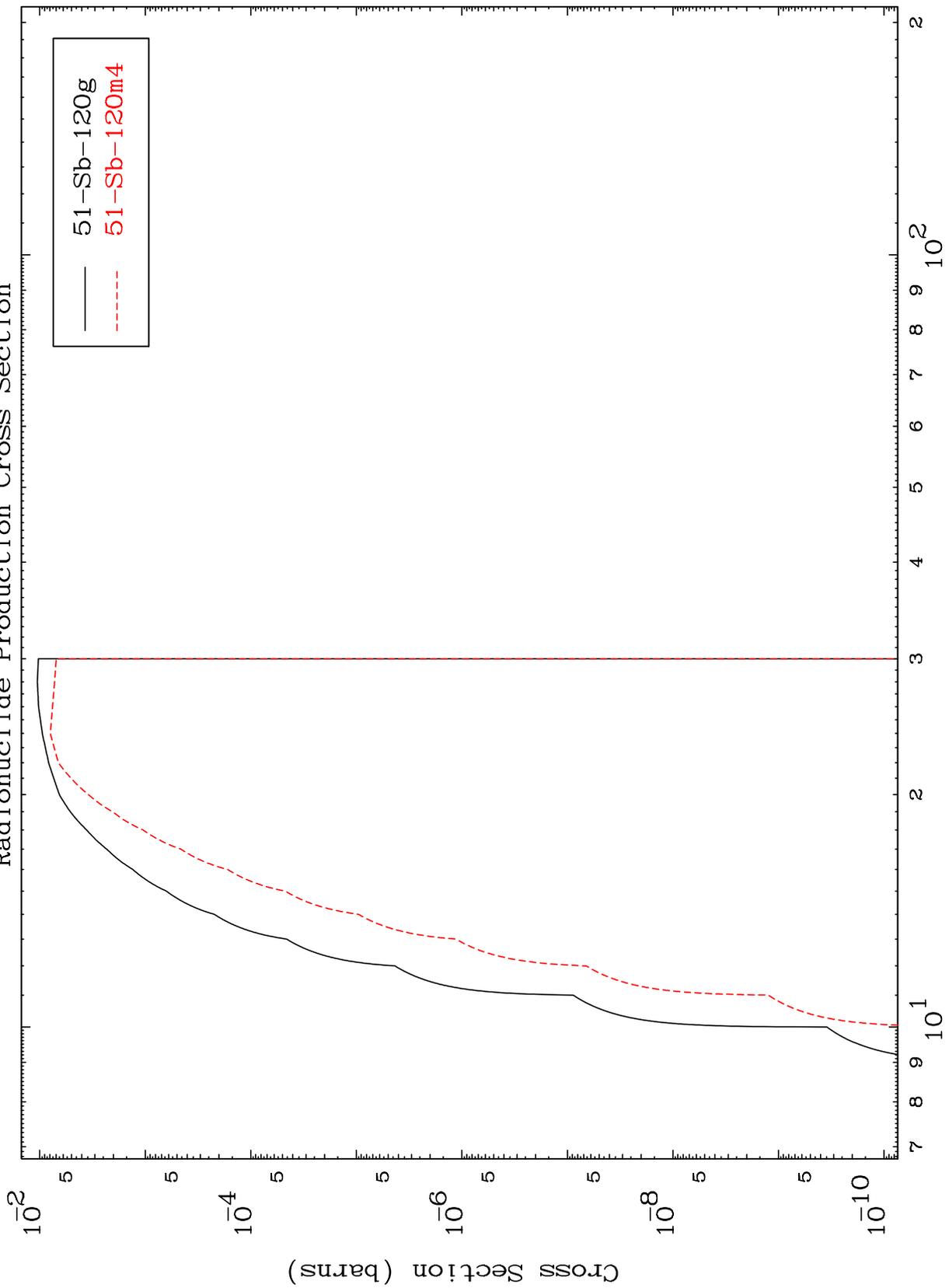
Incident Energy (MeV)

14

MAT 5040

50-Sn-117

(n,p)  
Radionuclide Production Cross Section

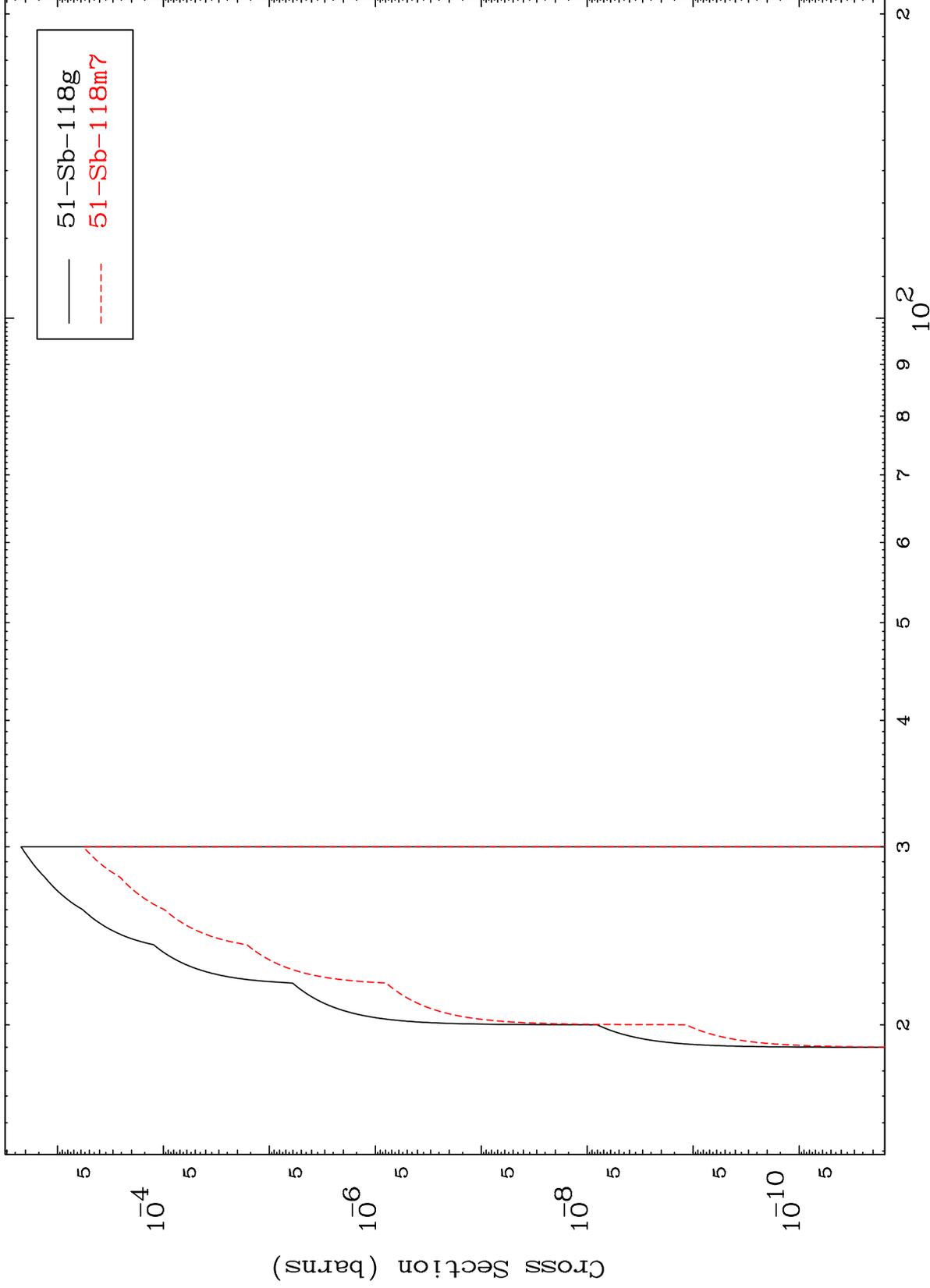


50-Sn-117

Incident Energy (MeV)

15

(n,t)  
Radionuclide Production Cross Section

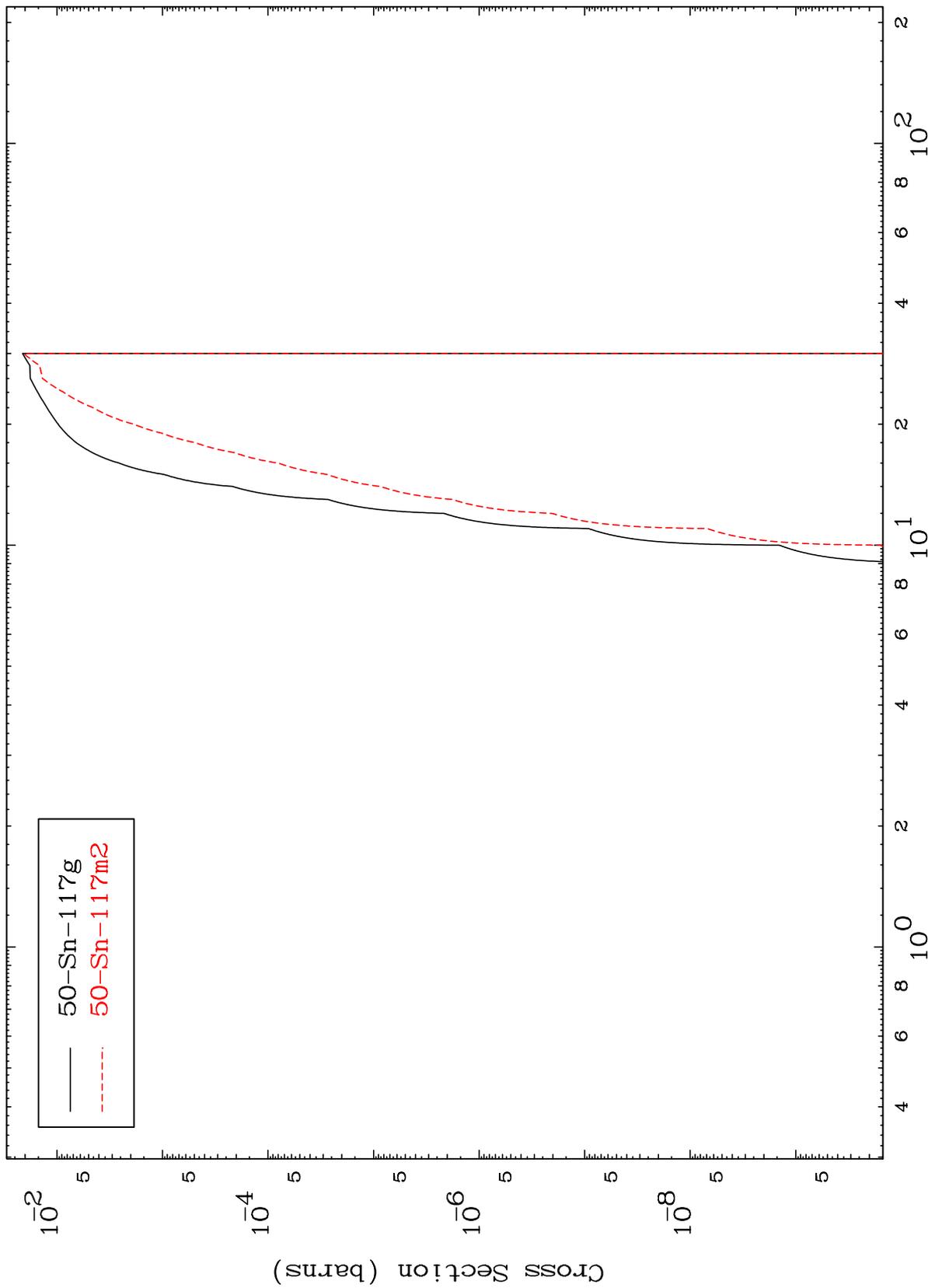


MAT 5040

(n,  $\alpha$ )

50-Sn-117

Radionuclide Production Cross Section



17

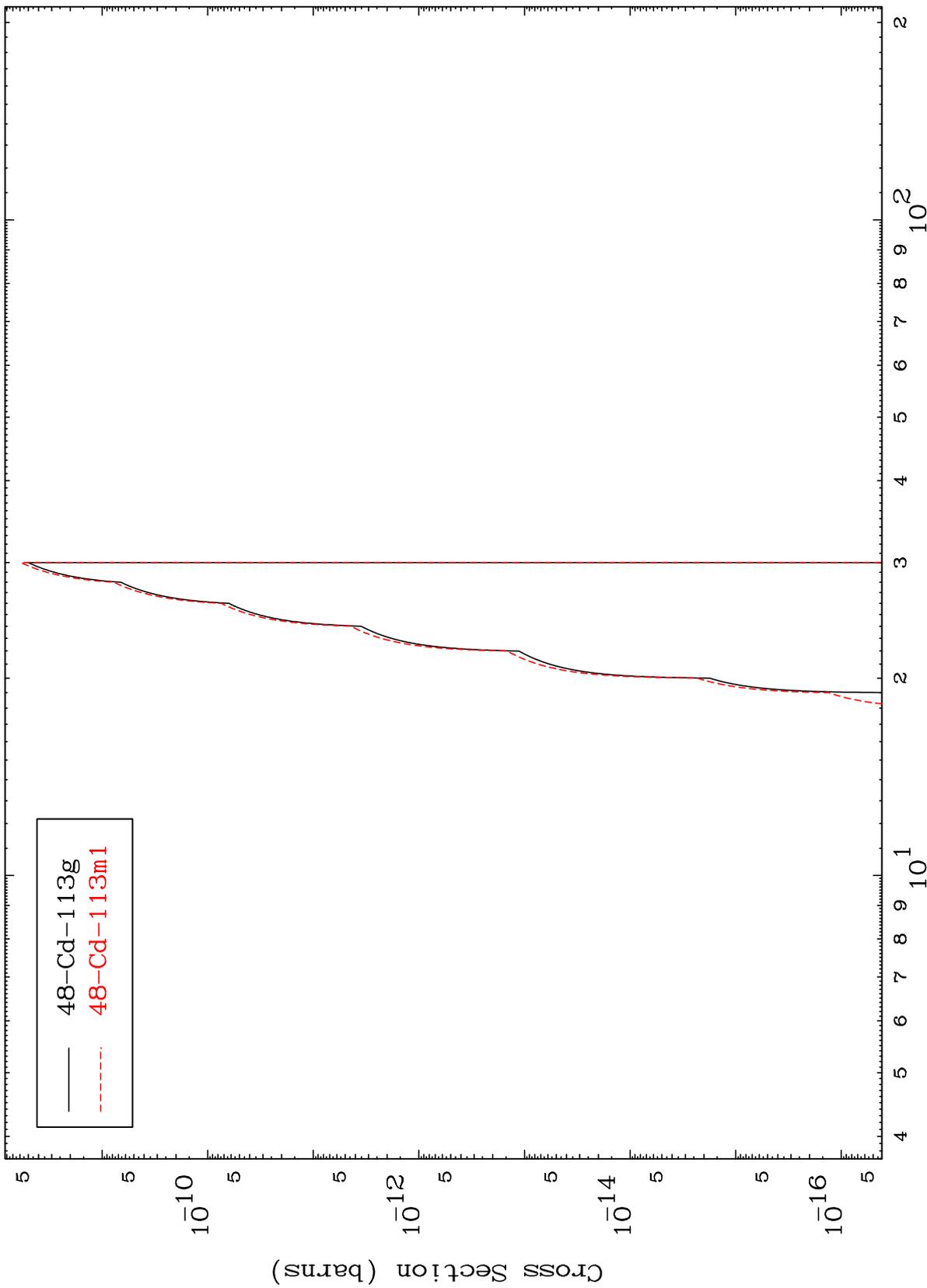
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,2α)  
Radionuclide Production Cross Section



50-Sn-117

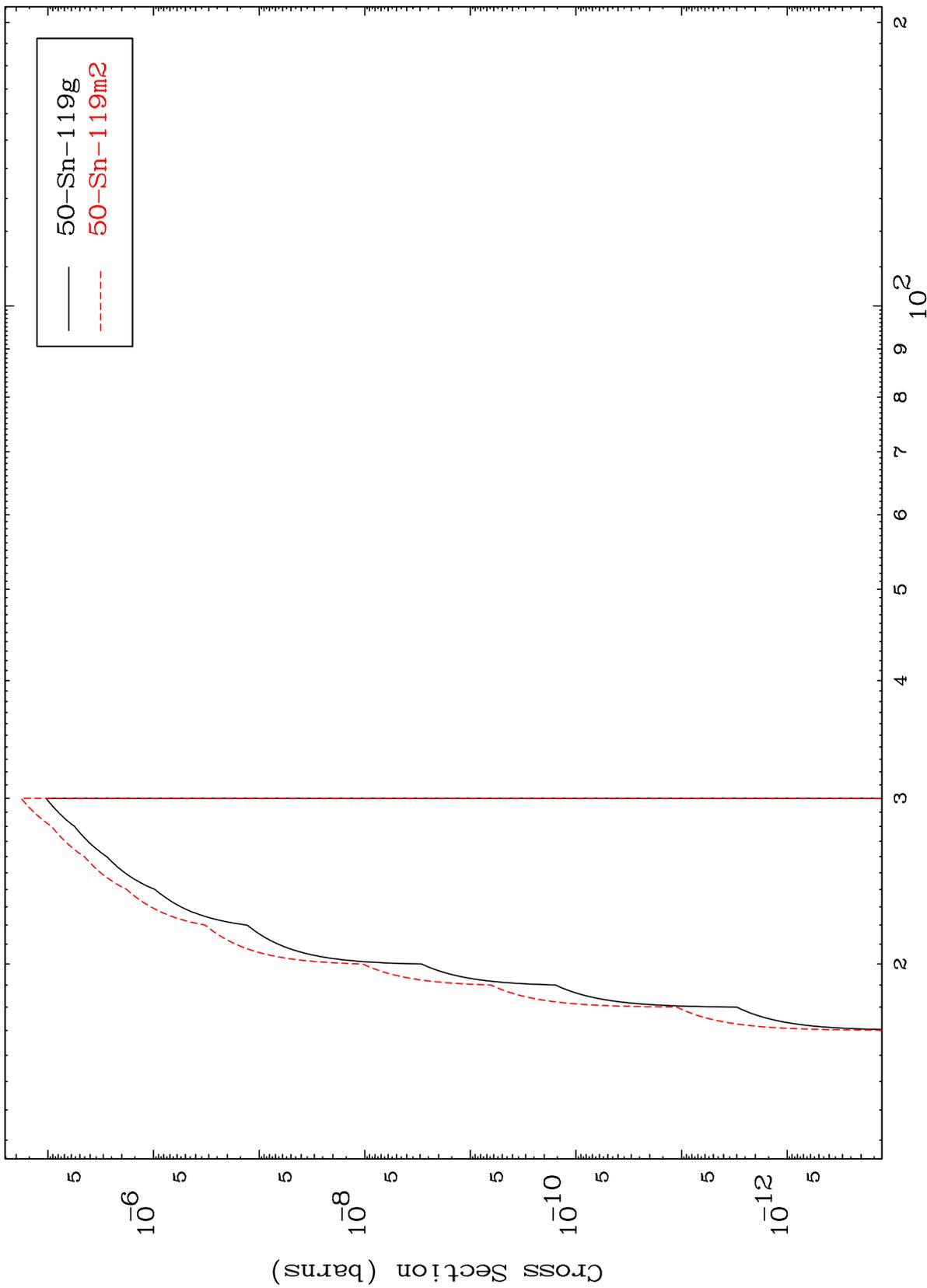
Incident Energy (MeV)

18

MAT 5040

50-Sn-117

(n,2p)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

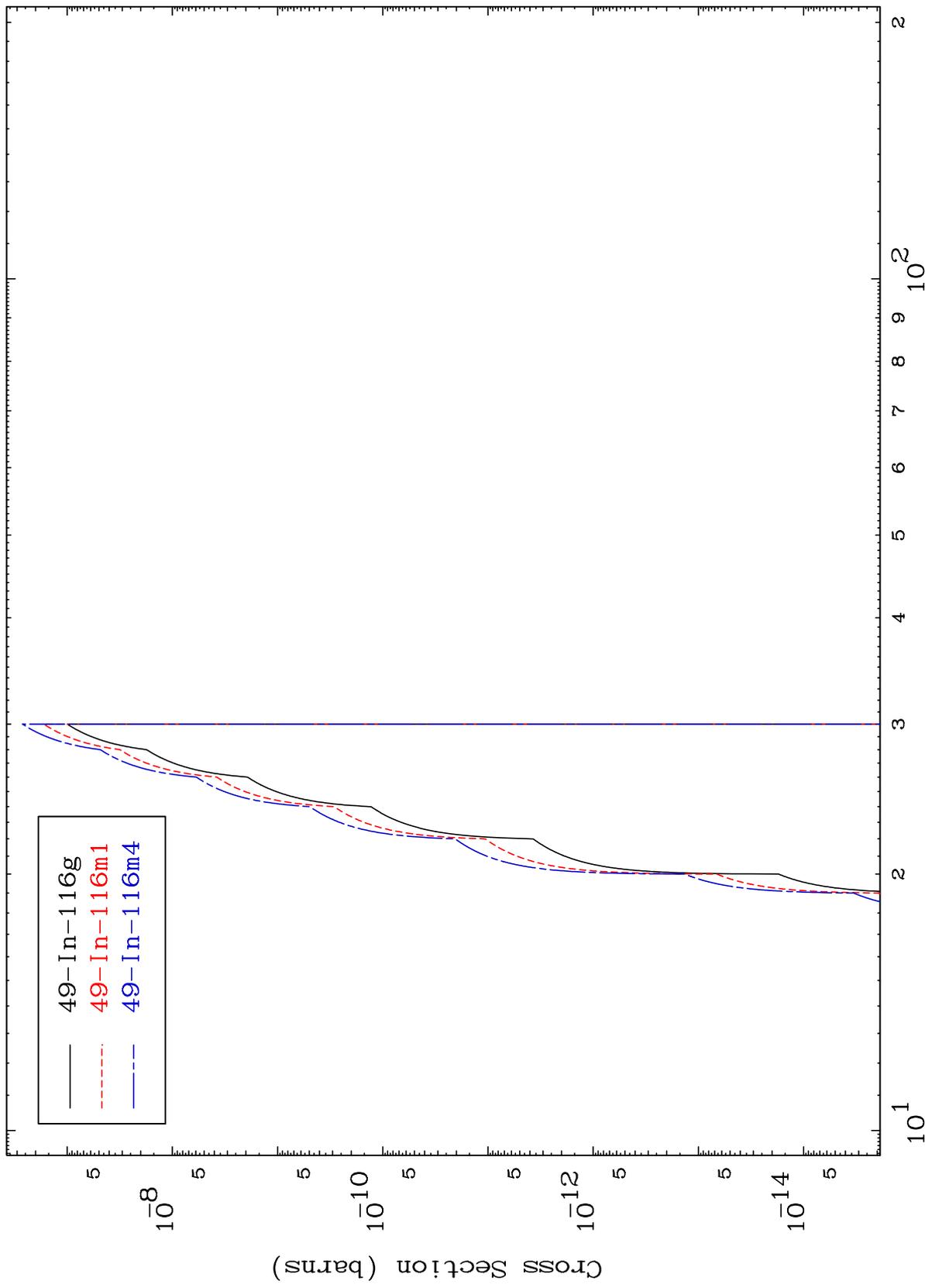
50-Sn-117

MAT 5040

50-Sn-117

(n,p)  $\alpha$

Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

10<sup>1</sup>

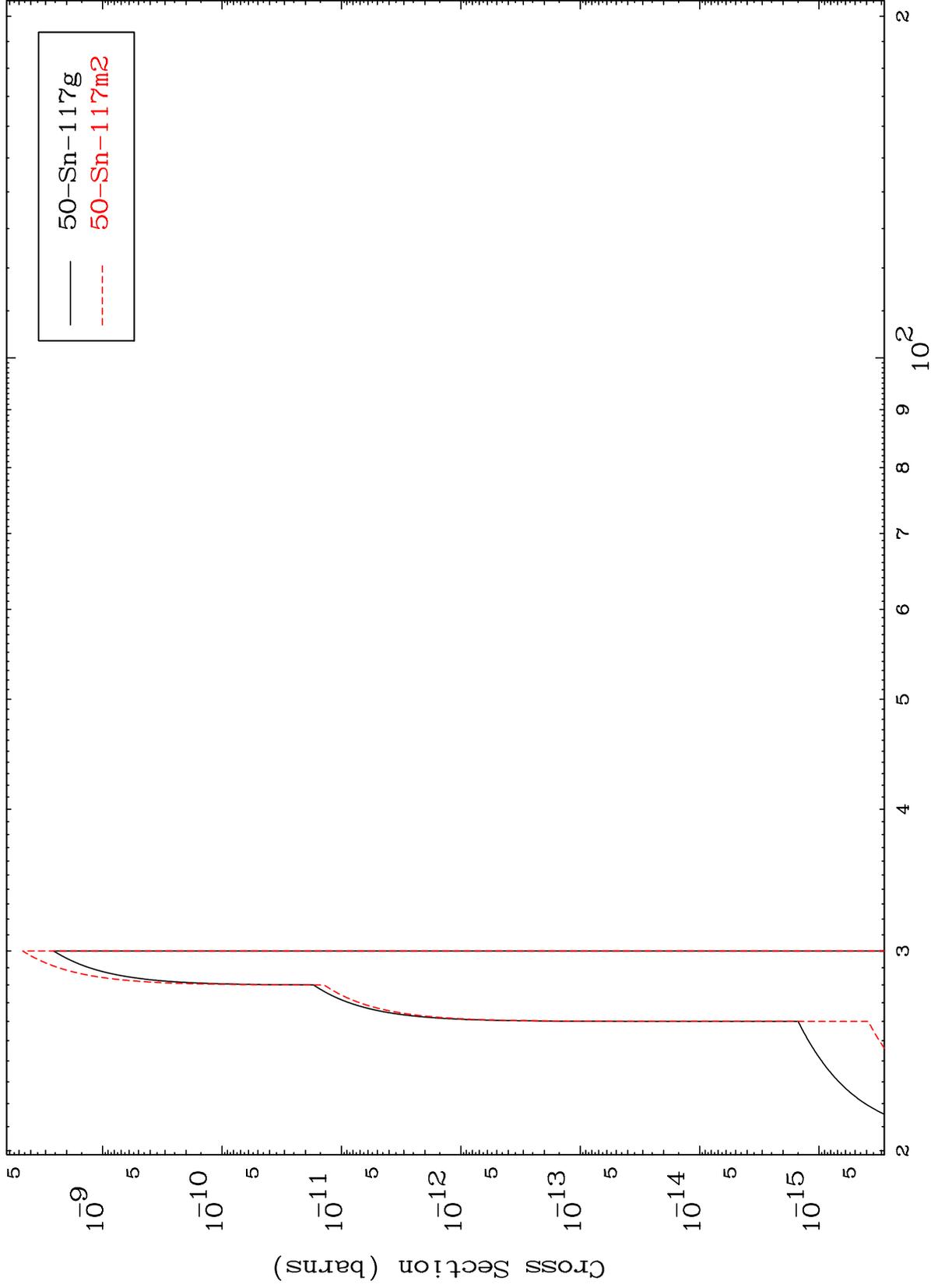
10<sup>2</sup>

MAT 5040

(n,p) t

50-Sn-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

50-Sn-117