

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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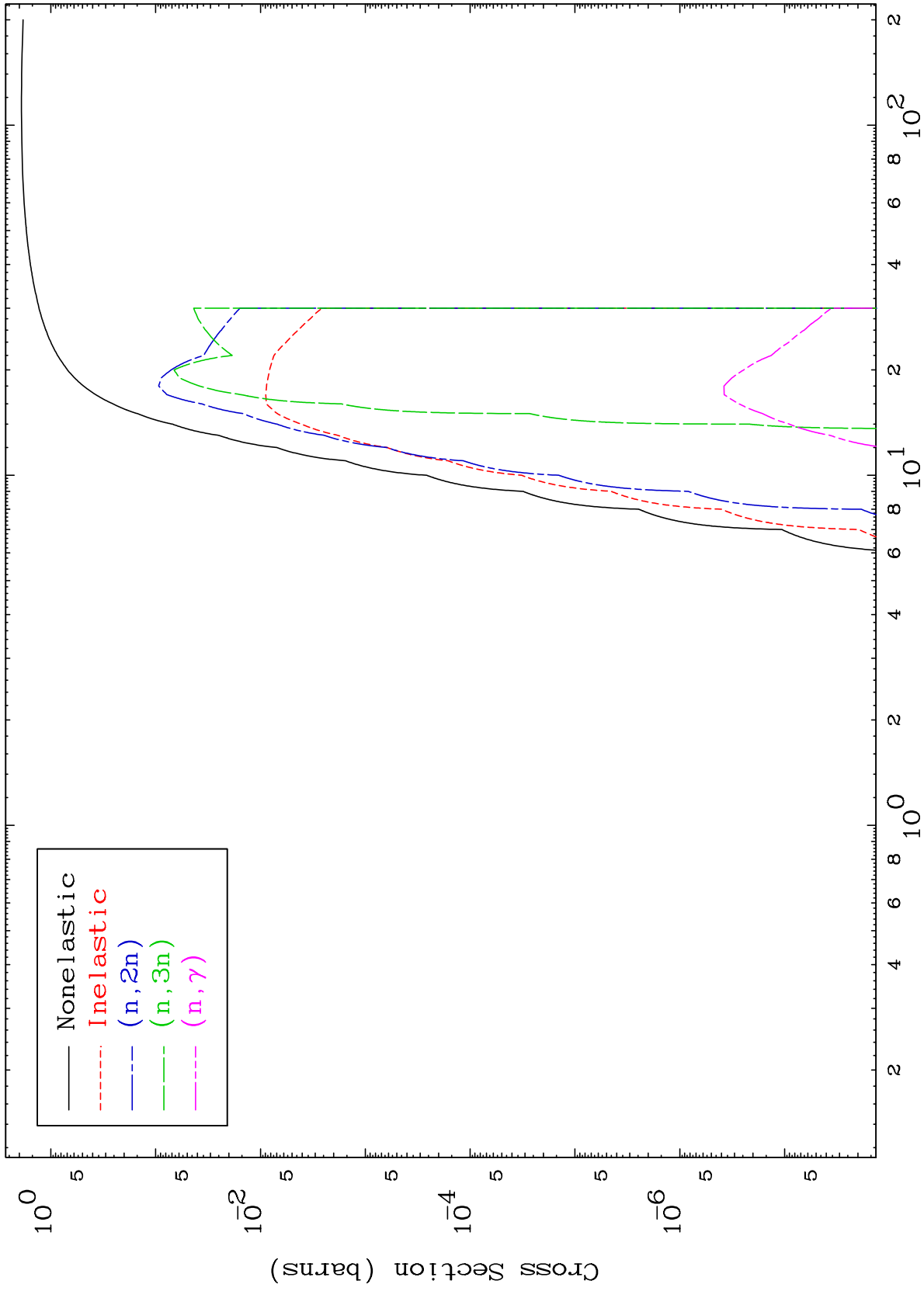
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5043

He-3 Major  
0 Kelvin Cross Sections

50-Sn-118

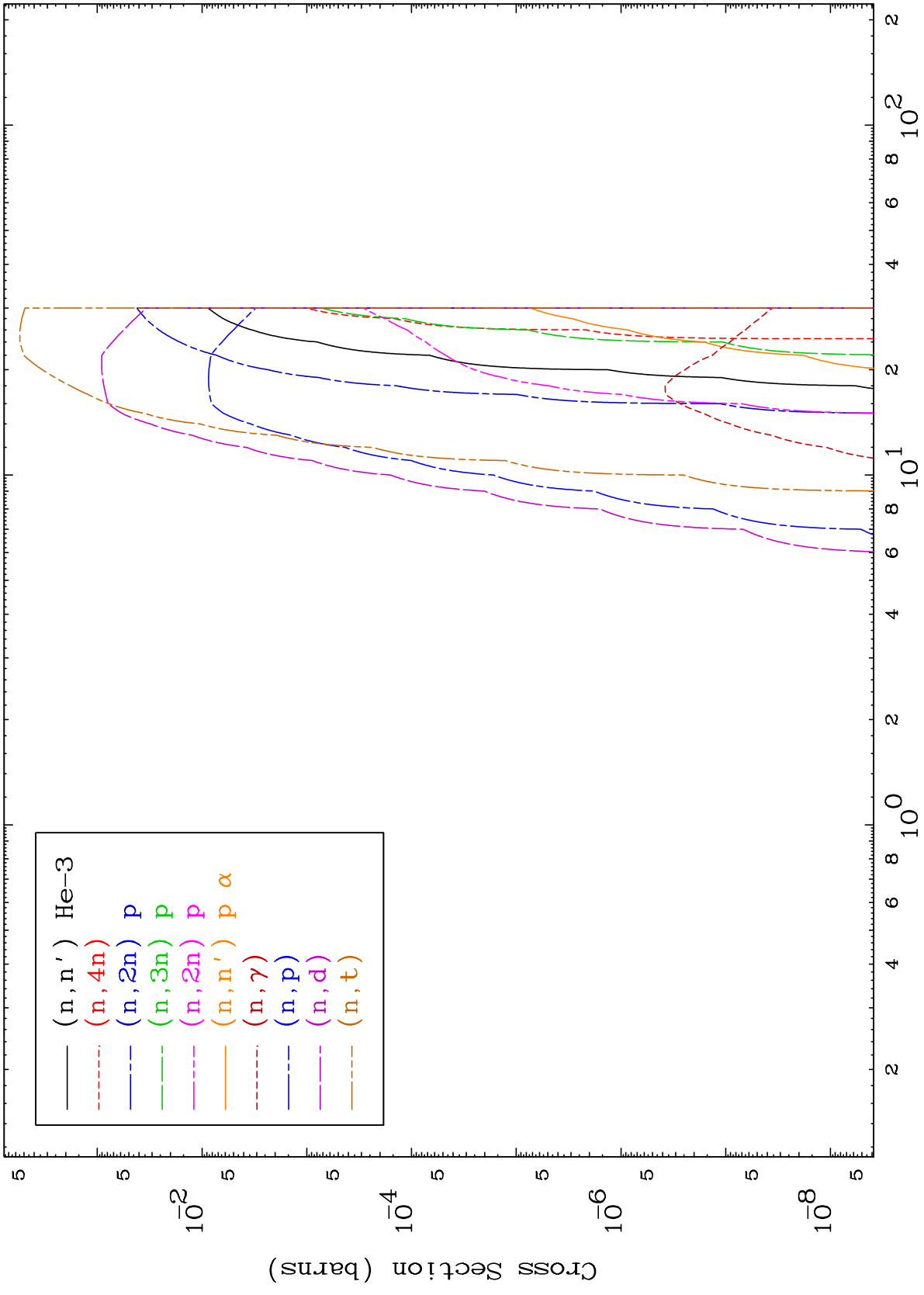




MAT 5043

He-3 Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-118



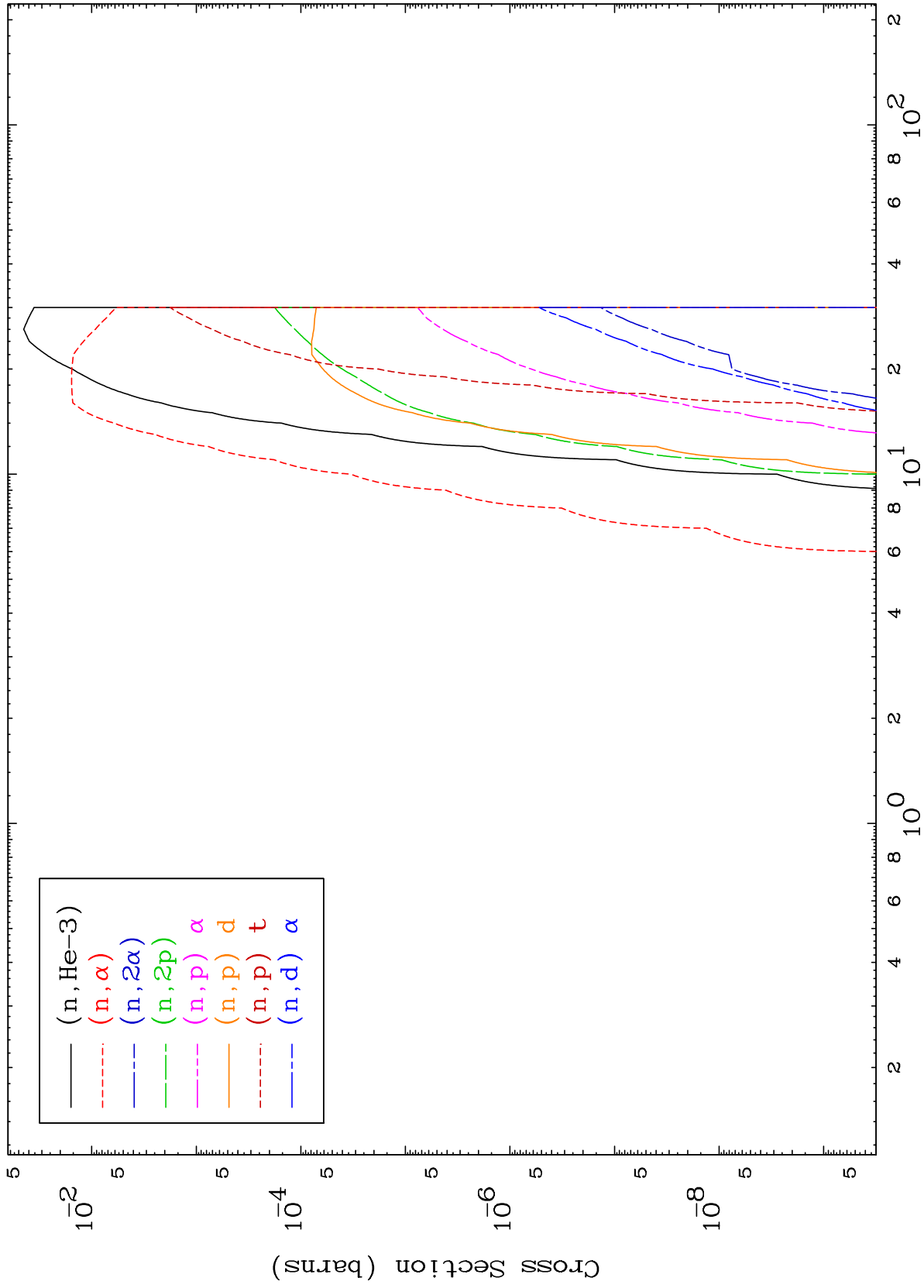
3

50-Sn-118

MAT 5043

He-3 Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-118

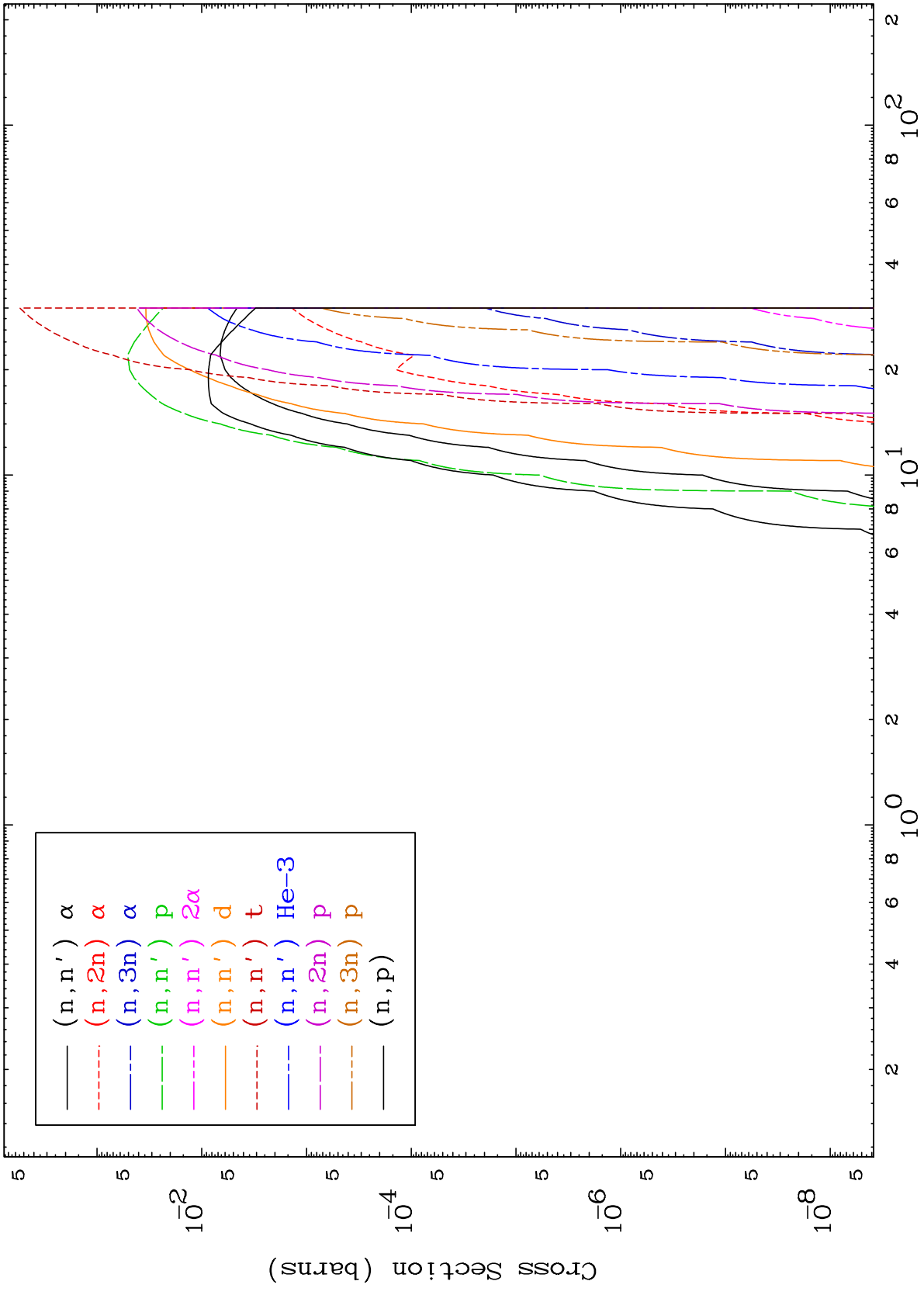


50-Sn-118

MAT 5043

He-3 Charged Particle  
0 Kelvin Cross Sections

50-Sn-118

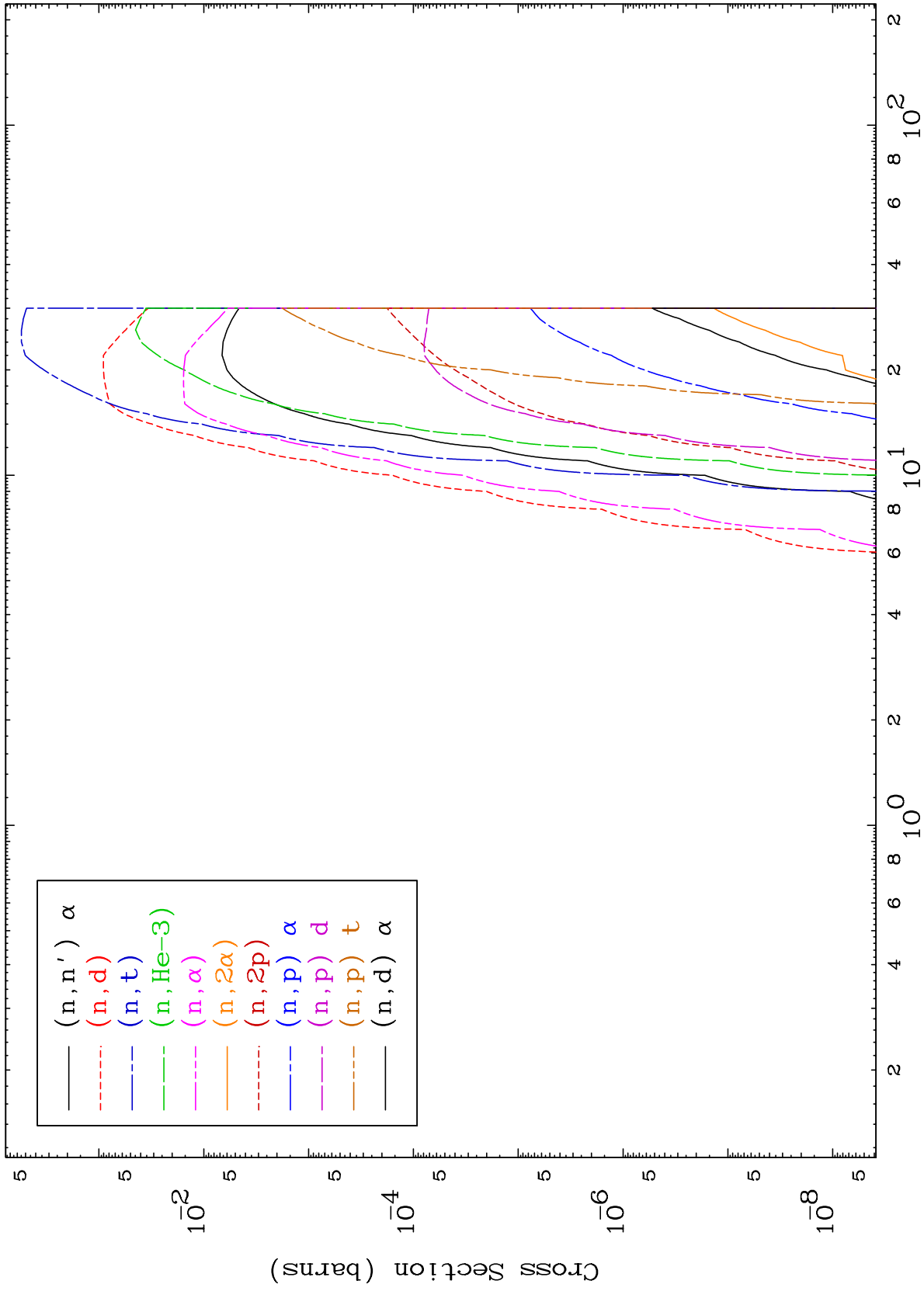


50-Sn-118

MAT 5043

He-3 Charged Particle  
0 Kelvin Cross Sections

50-Sn-118



6

Incident Energy (MeV)

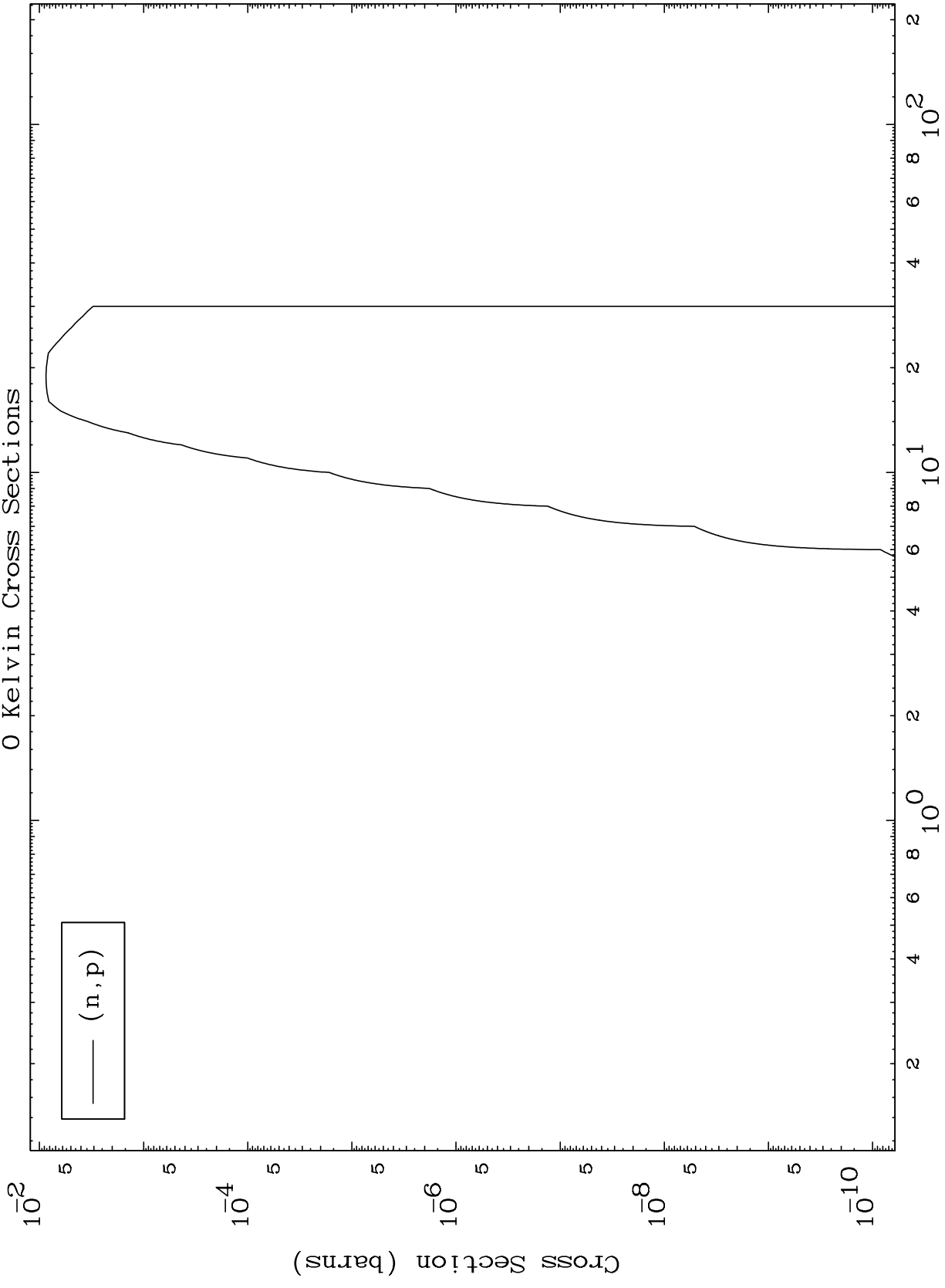
50-Sn-118

MAT 5043

(He-3,p) Levels

50-Sn-118

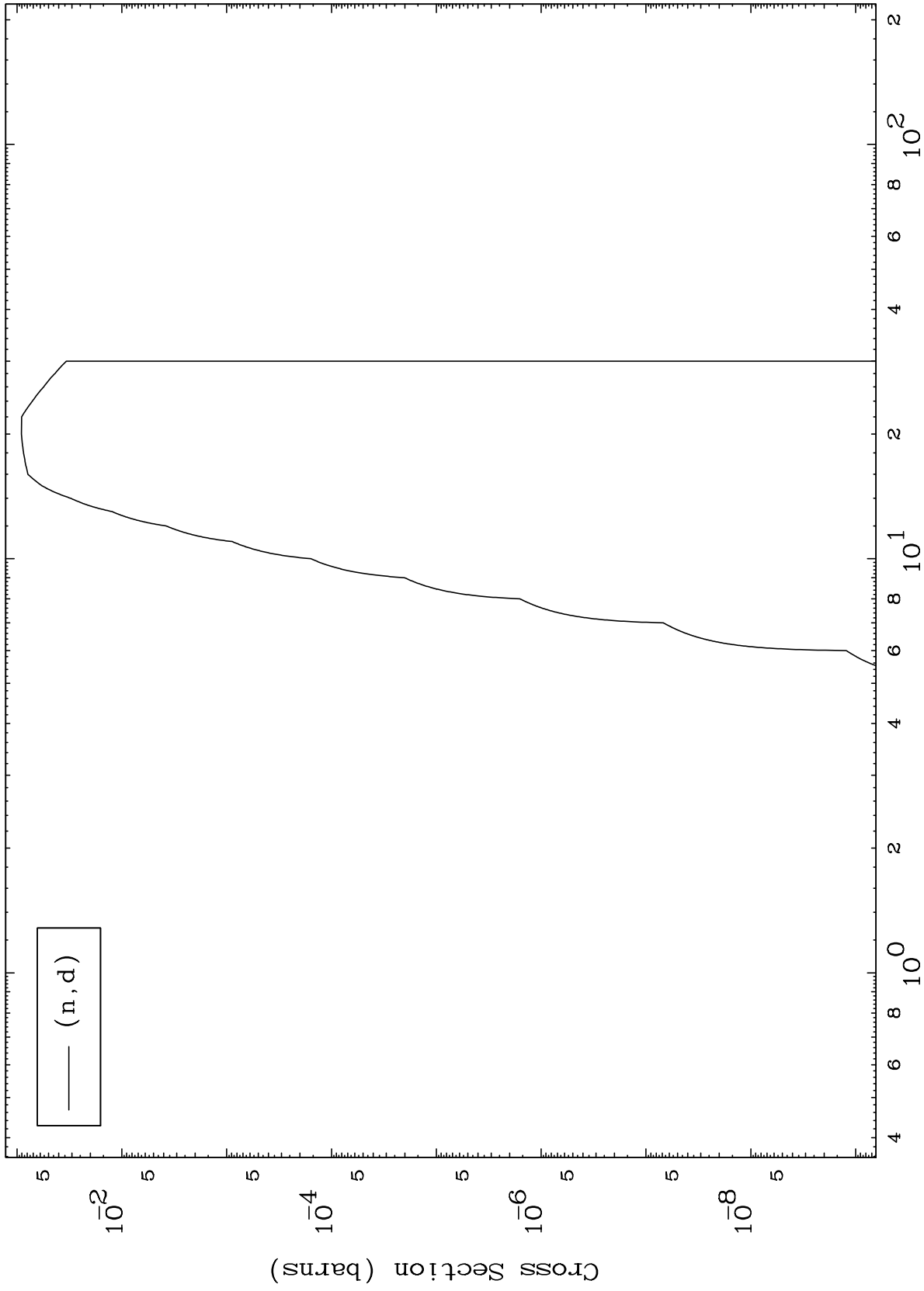
0 Kelvin Cross Sections



MAT 5043

(He-3,d) Levels  
0 Kelvin Cross Sections

50-Sn-118



8

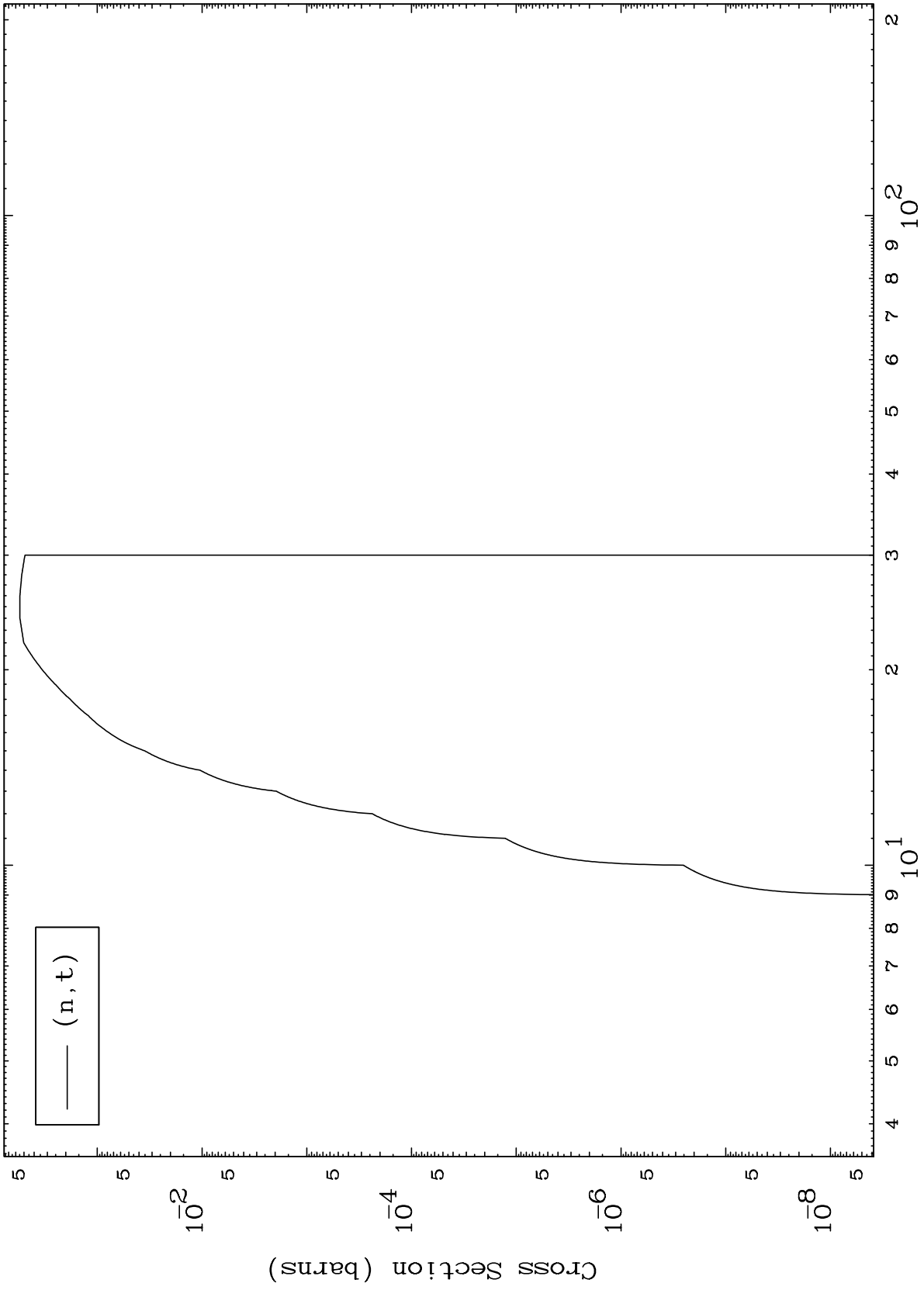
Incident Energy (MeV)

50-Sn-118

MAT 5043

(He-3,t) Levels  
0 Kelvin Cross Sections

50-Sn-118



9

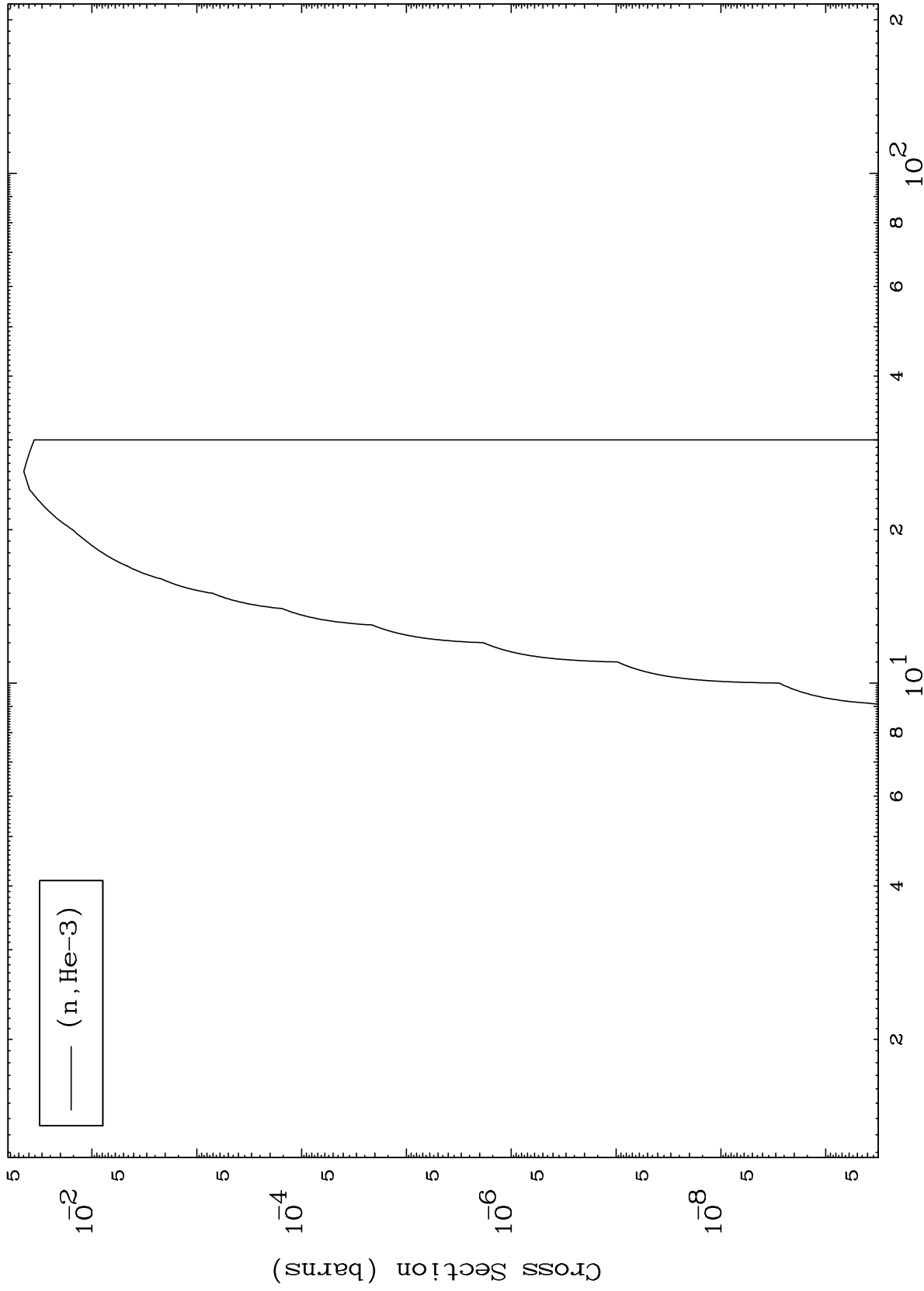
Incident Energy (MeV)

50-Sn-118

MAT 5043

(He-3, He3) Levels  
0 Kelvin Cross Sections

50-Sn-118



(n, He-3)

10

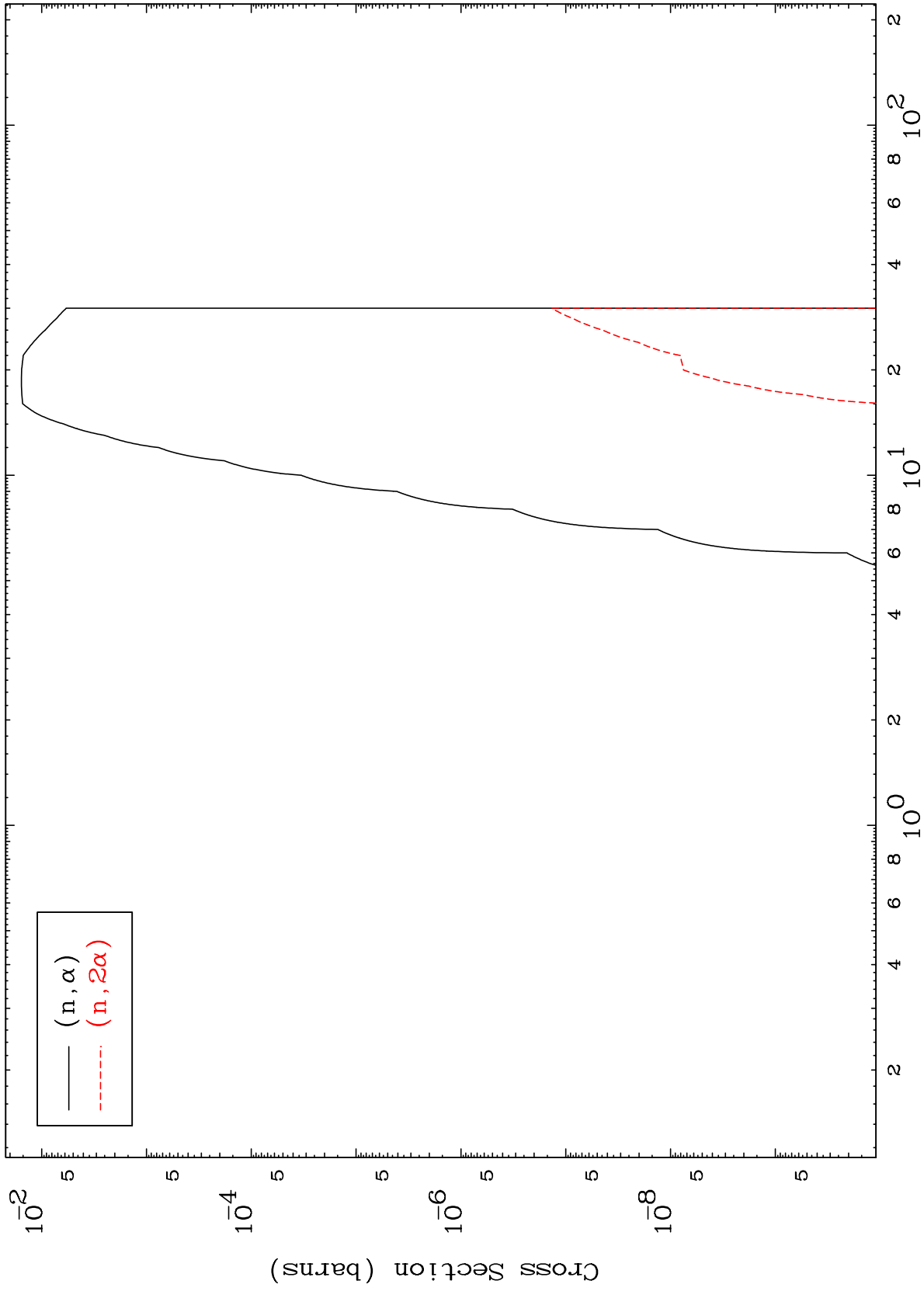
Incident Energy (MeV)

50-Sn-118

MAT 5043

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

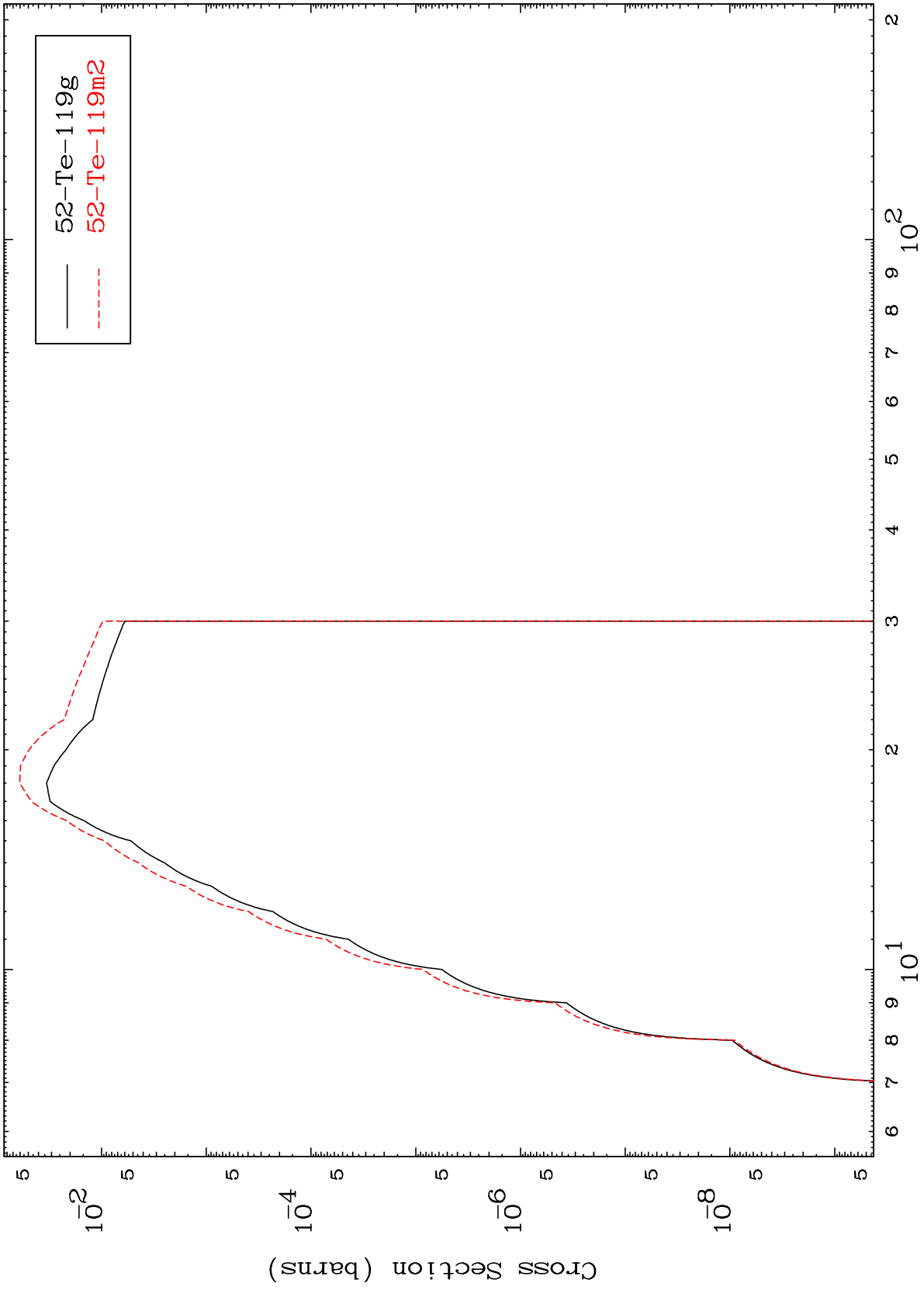
50-Sn-118



MAT 5043

50-Sn-118

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

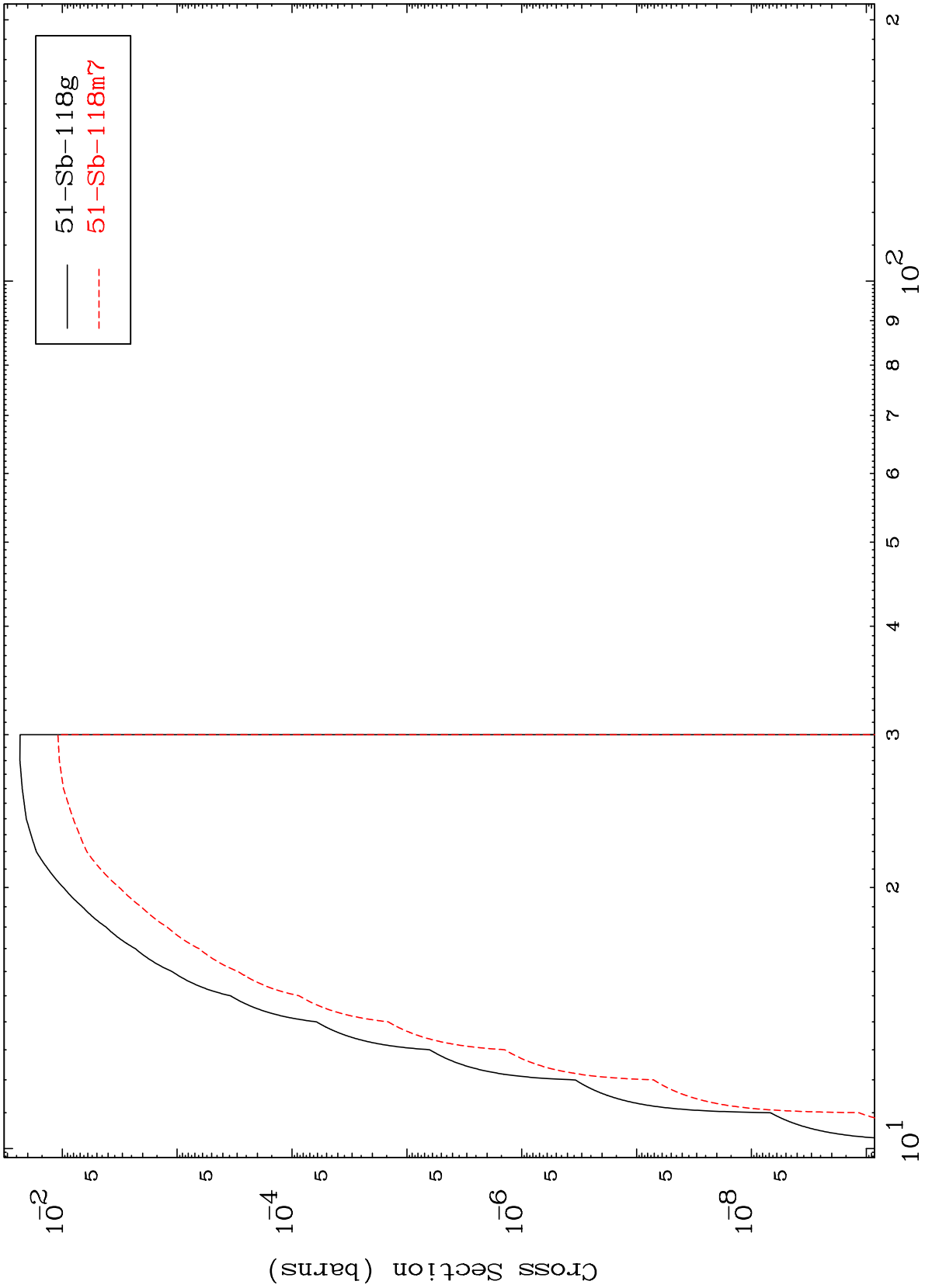
50-Sn-118

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(n,n') d

50-Sn-118

Radionuclide Production Cross Section



10<sup>1</sup>

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

10<sup>-12</sup>

10<sup>-14</sup>

10<sup>-16</sup>

10<sup>-18</sup>

50-Sn-118

Incident Energy (MeV)

2

3

4

5

6

7

8

9

10<sup>2</sup>

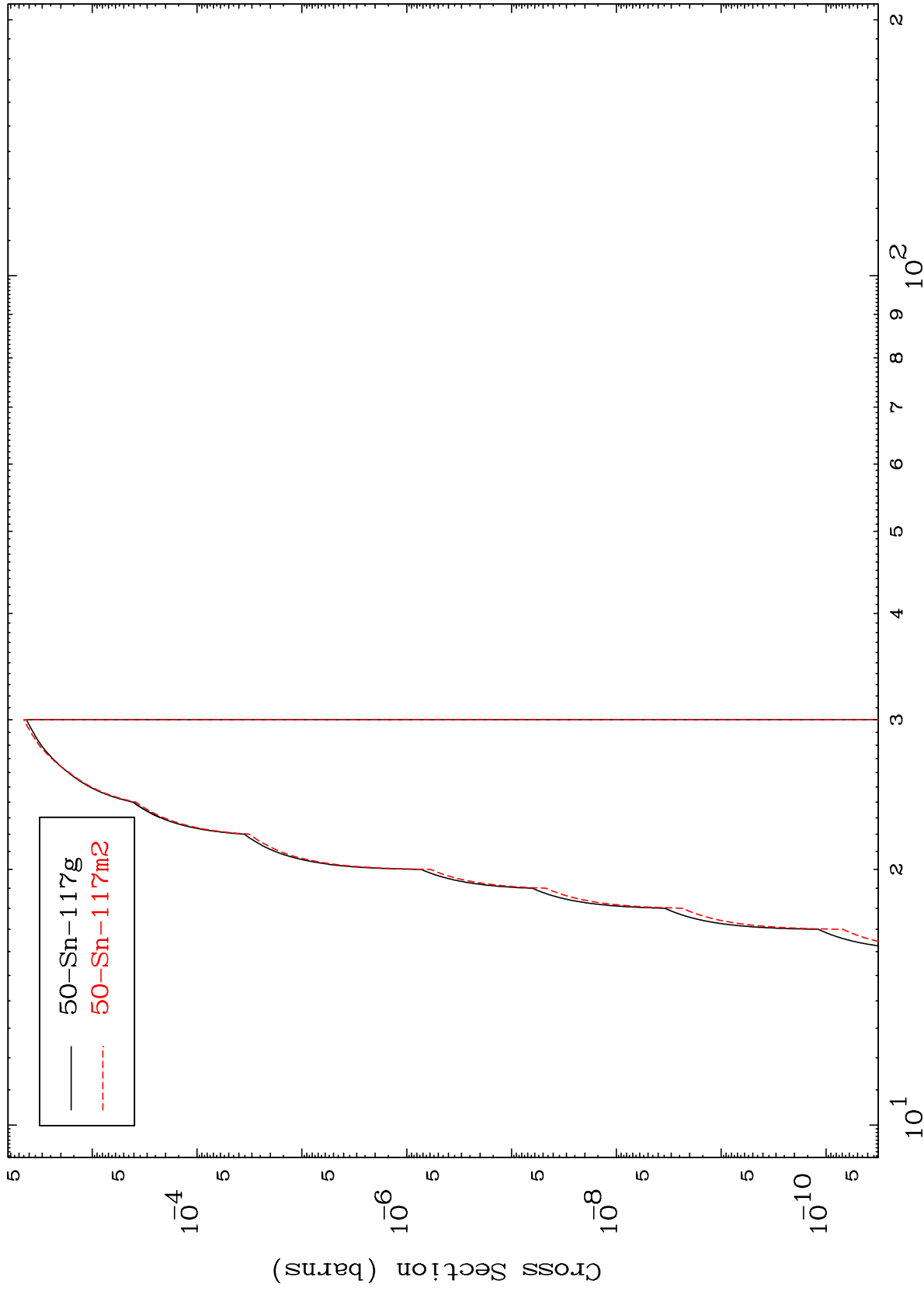
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(n, n') He-3

50-Sn-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

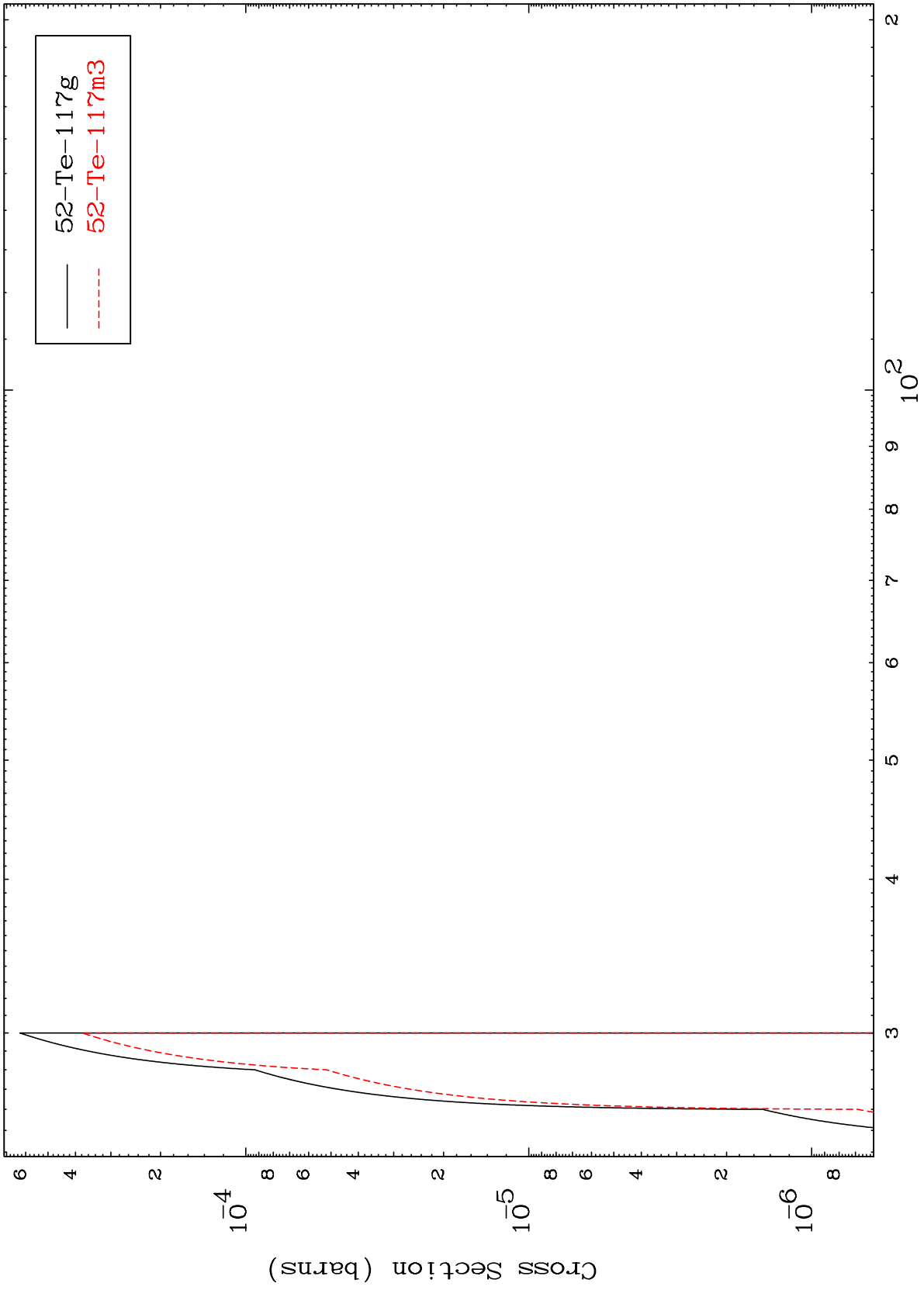
50-Sn-118

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(n,4n)

50-Sn-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

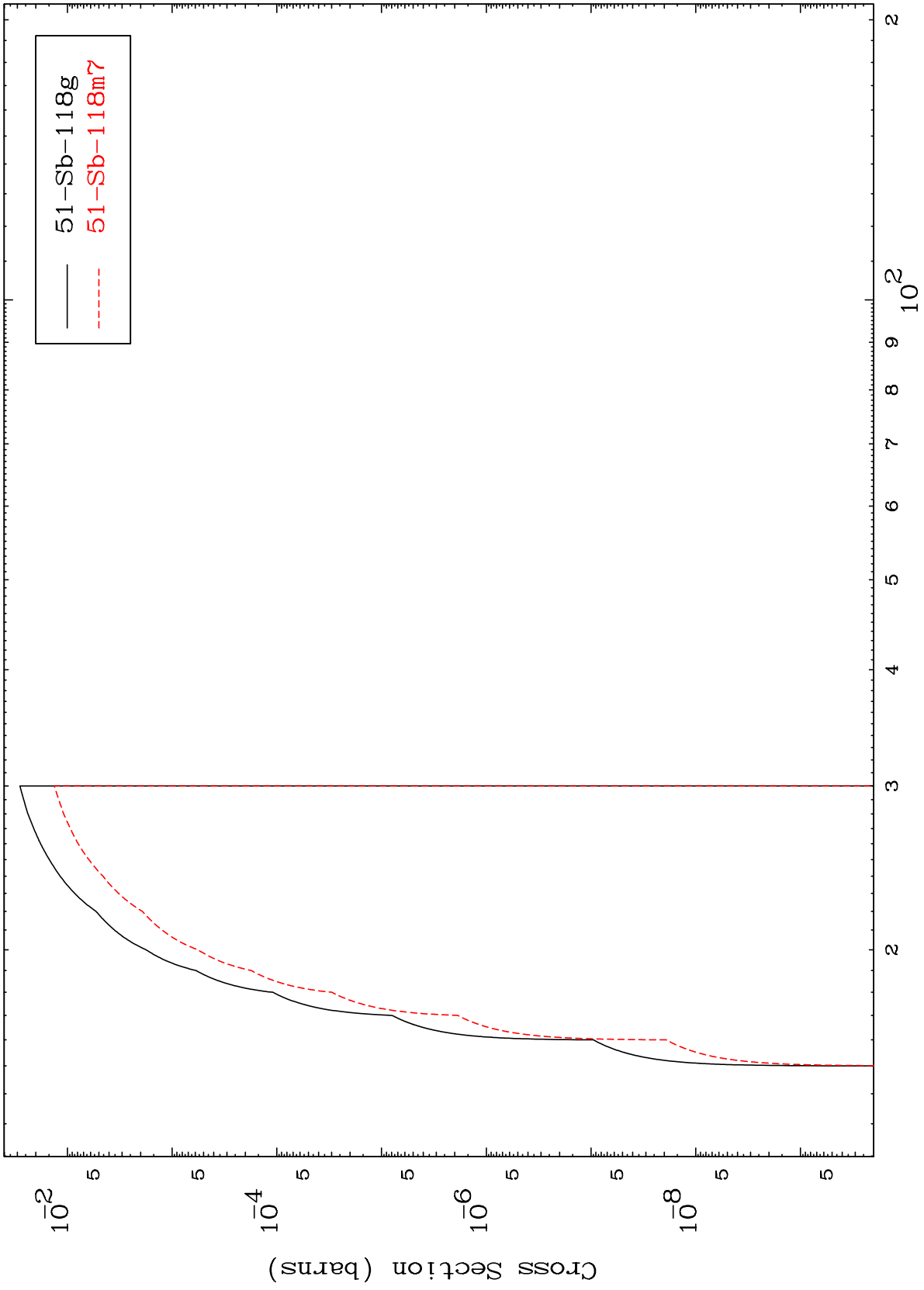
50-Sn-118

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(n,2n) p

50-Sn-118

Radionuclide Production Cross Section



16

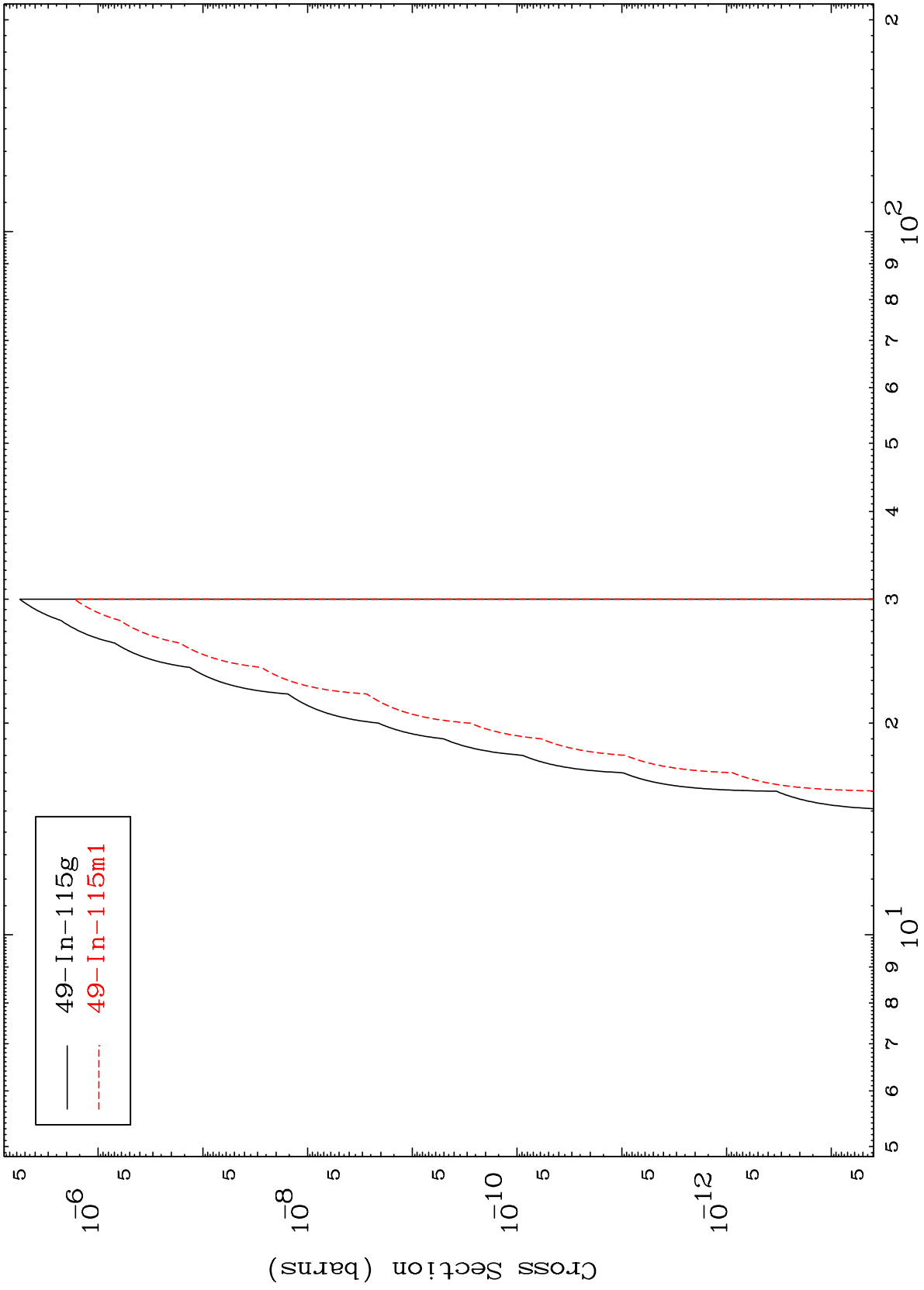
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

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



17

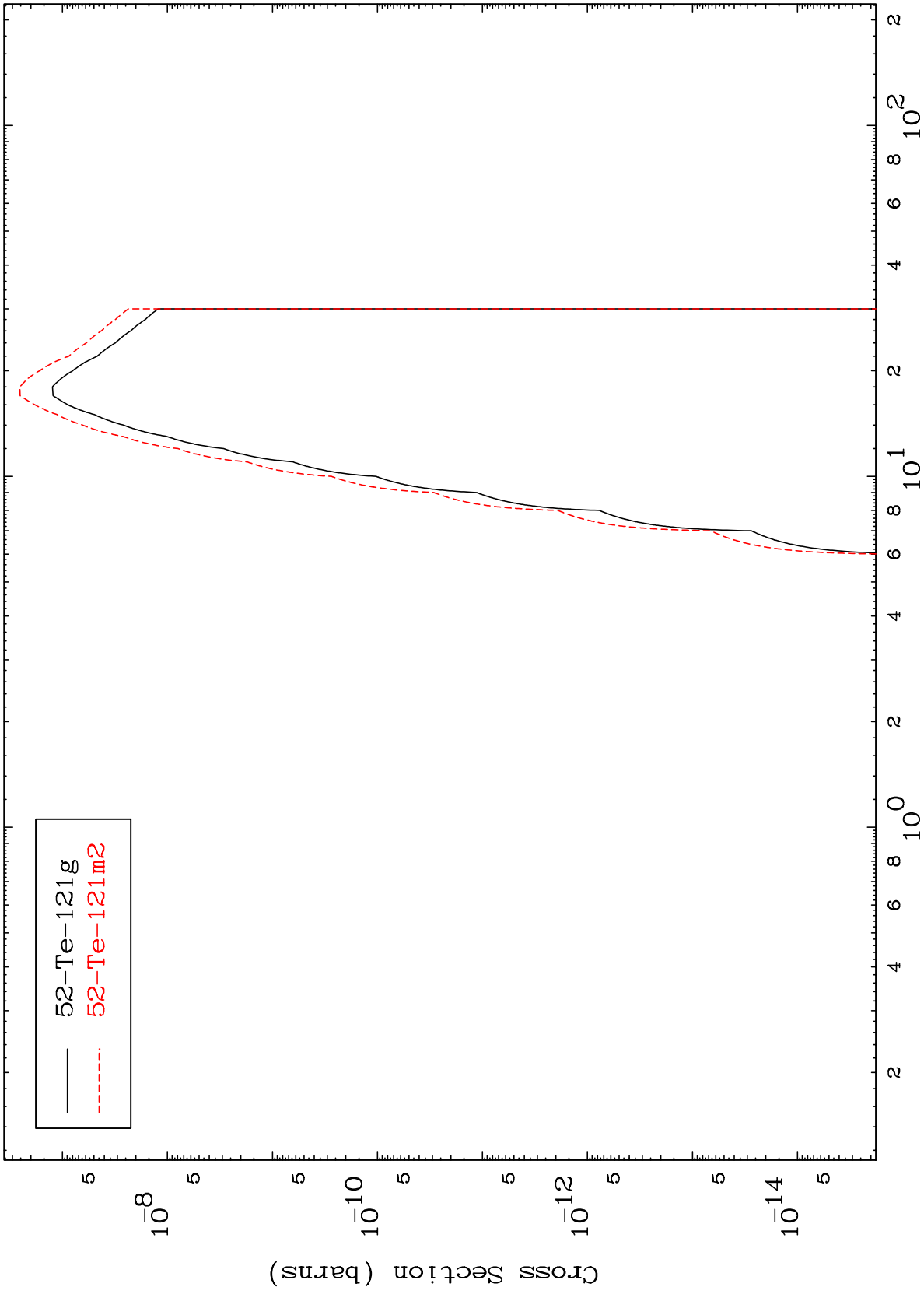
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

Radionuclide Production Cross Section  
(n,γ)



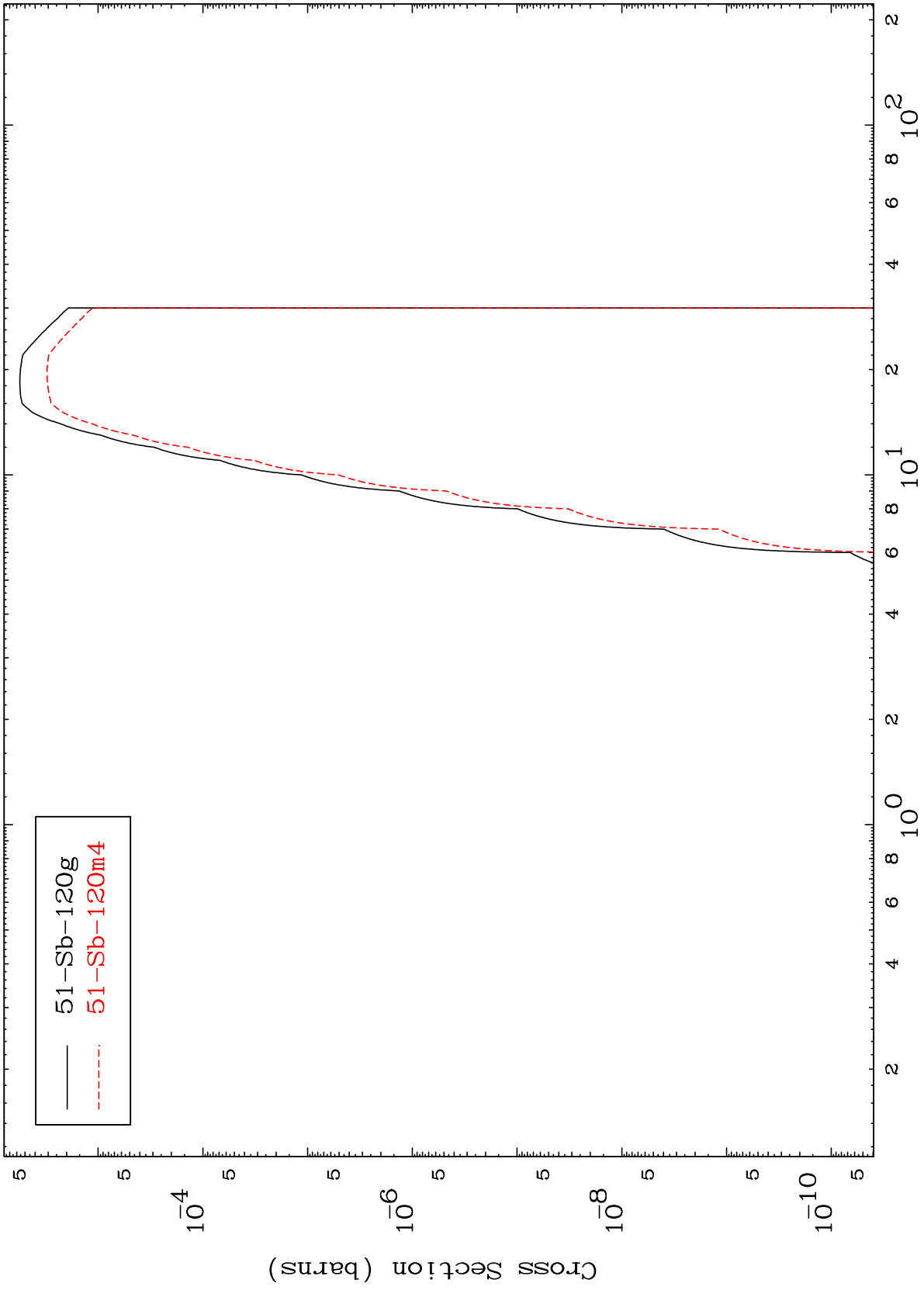
18

50-Sn-118

MAT 5043

50-Sn-118

Radionuclide Production Cross Section



19

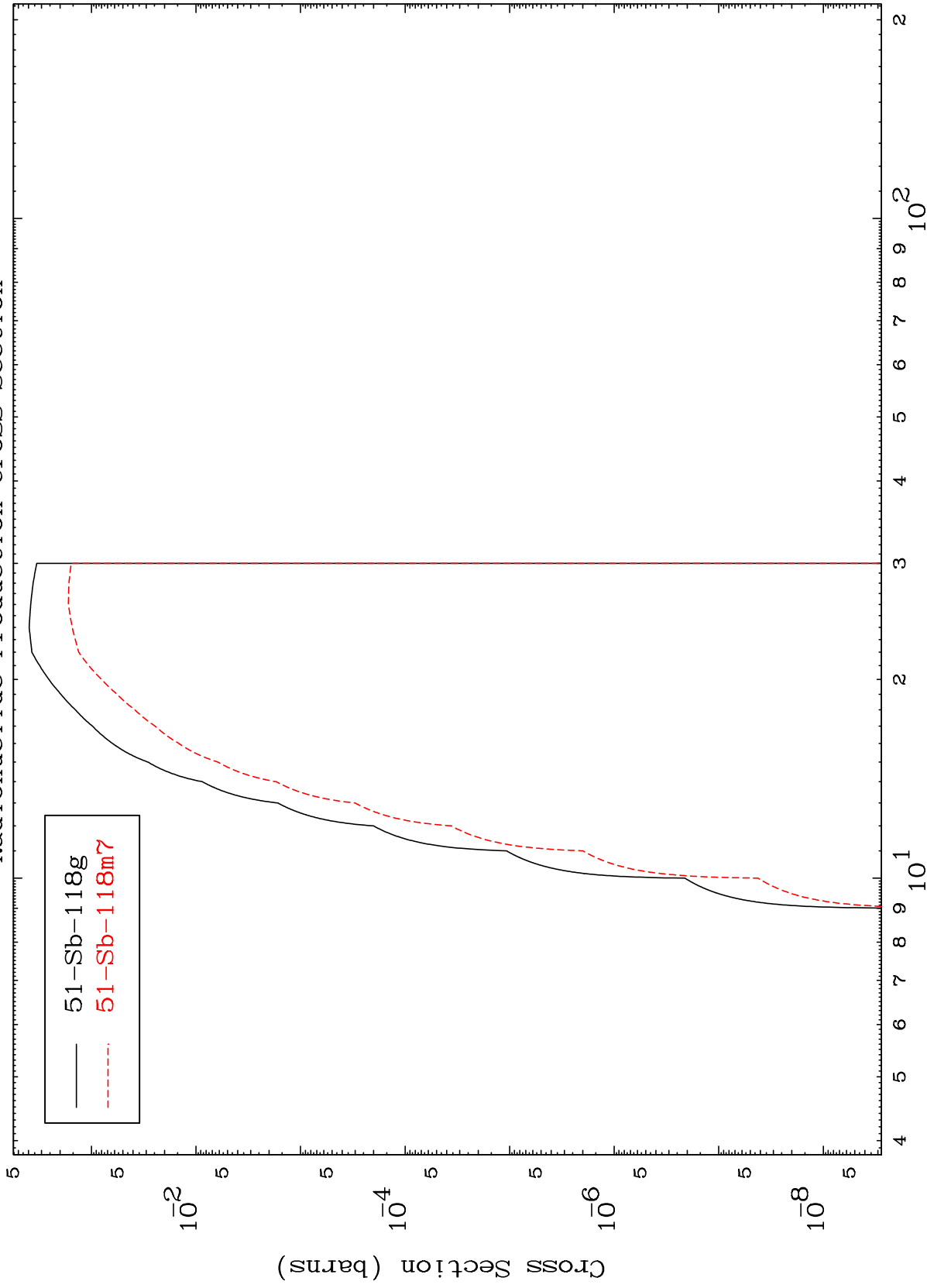
50-Sn-118

MAT 5043

50-Sn-118

Radionuclide Production Cross Section

(n, t)



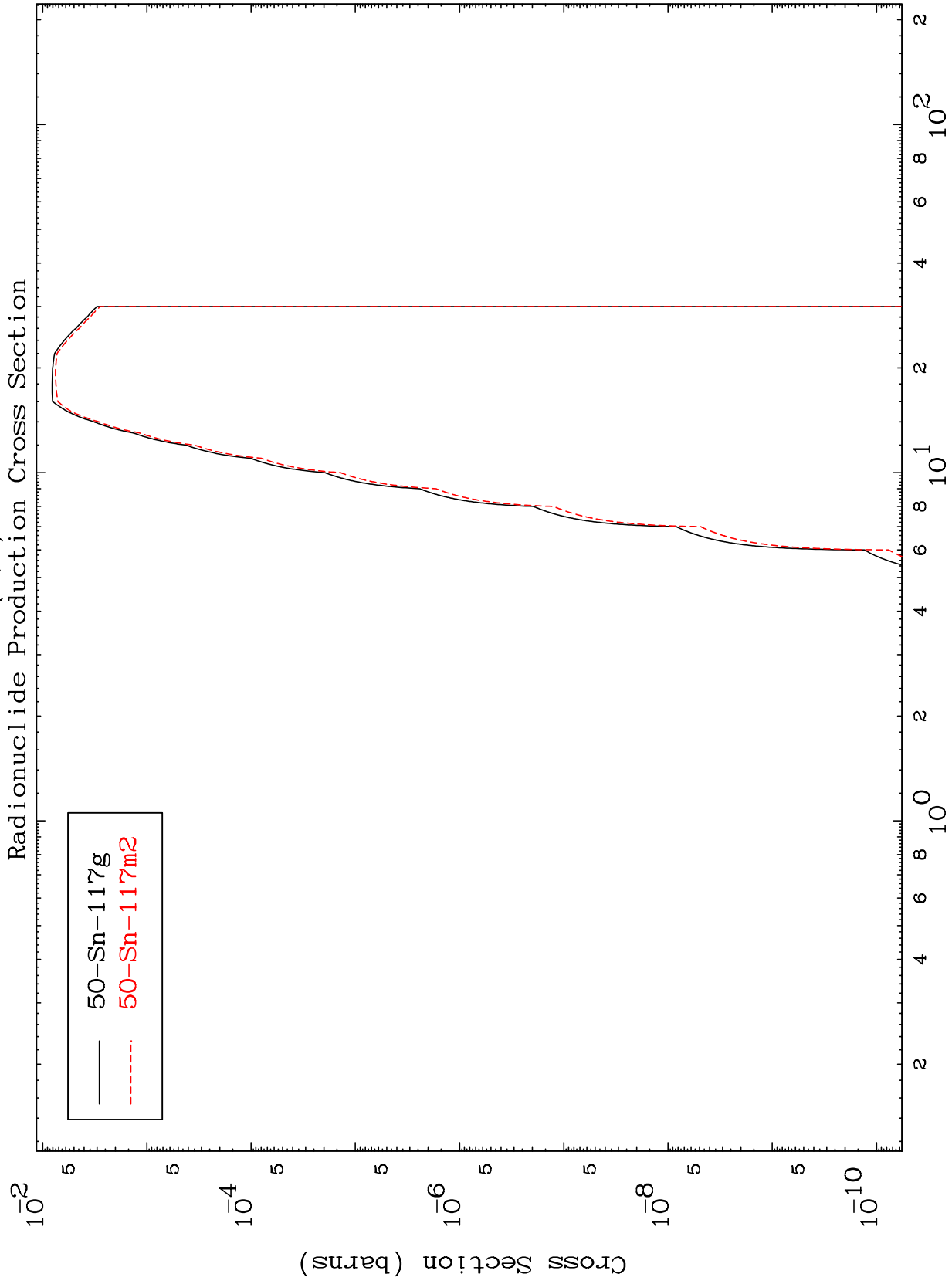
20

Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

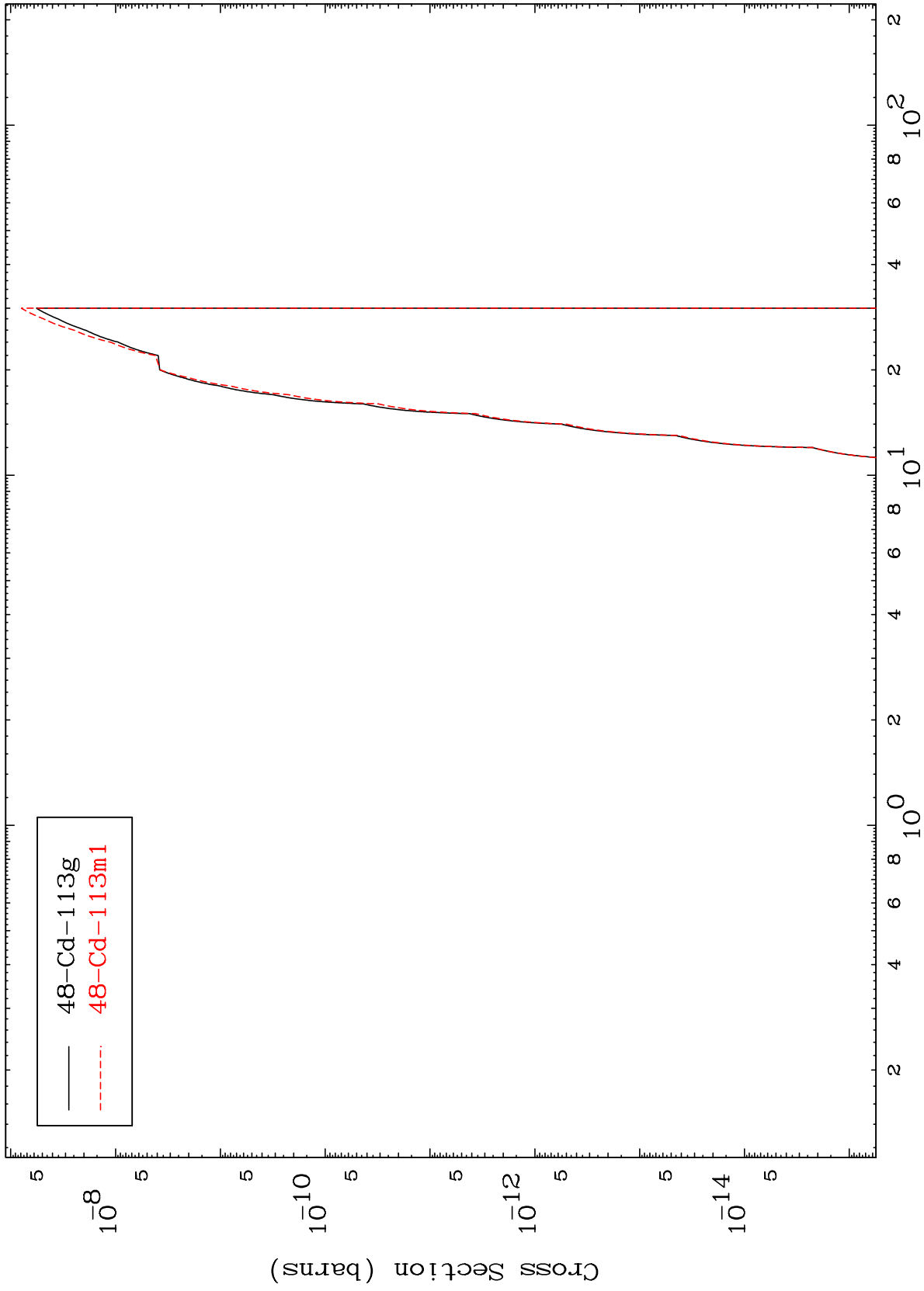


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(n,2α)

50-Sn-118

Radionuclide Production Cross Section



22

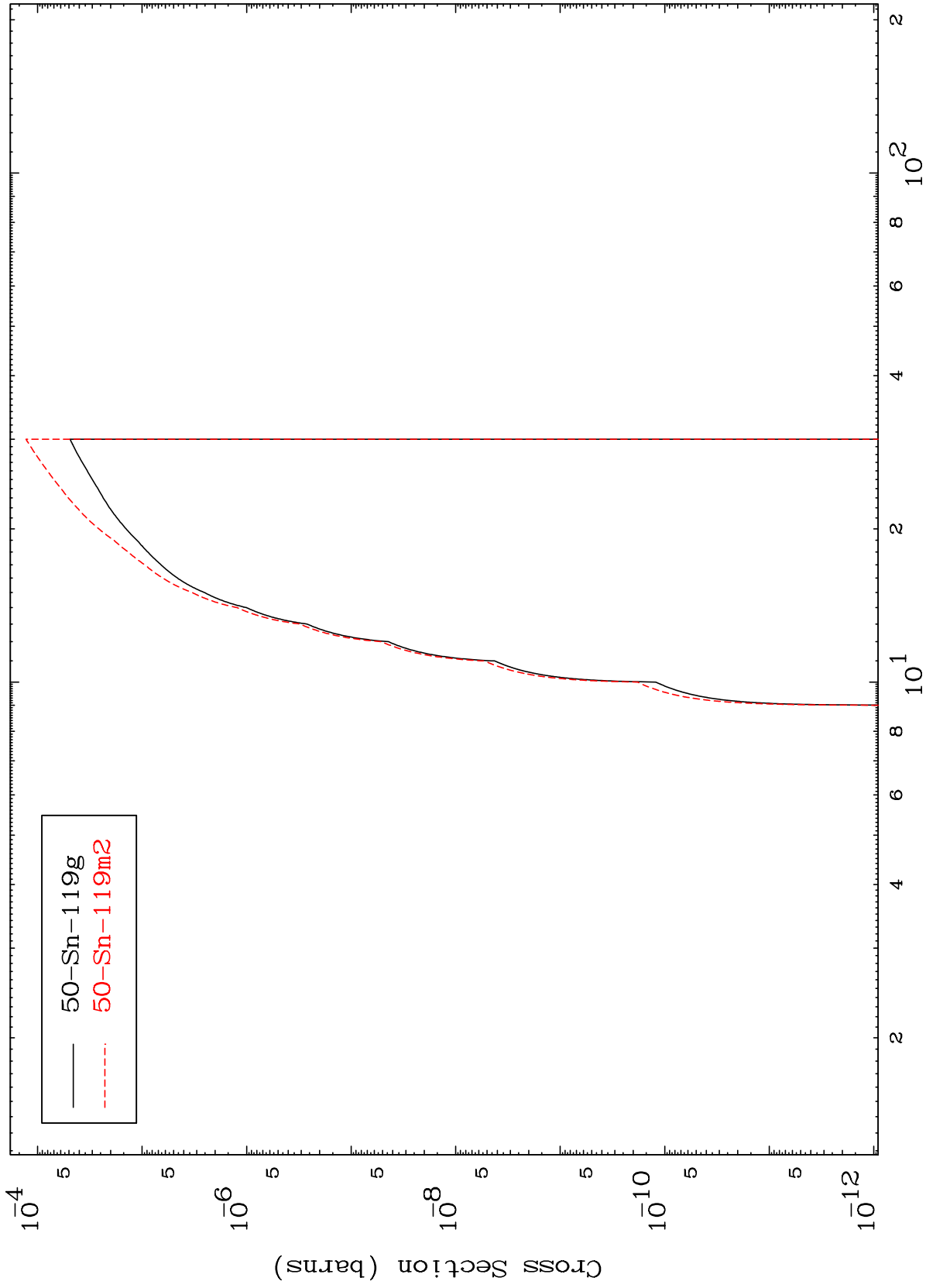
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,2p)  
Radionuclide Production Cross Section



23

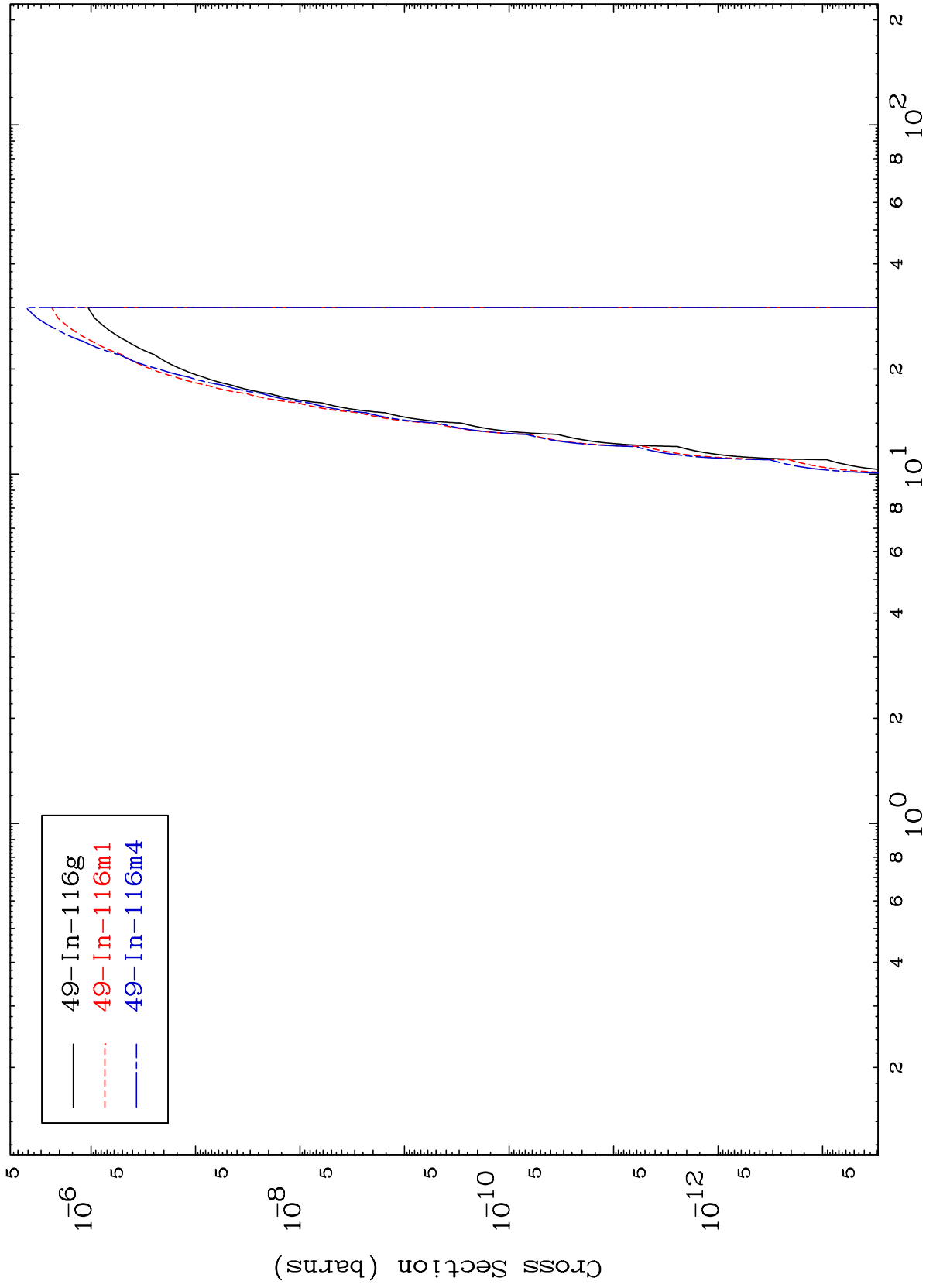
50-Sn-118

MAT 5043

(n,p)  $\alpha$

50-Sn-118

Radionuclide Production Cross Section

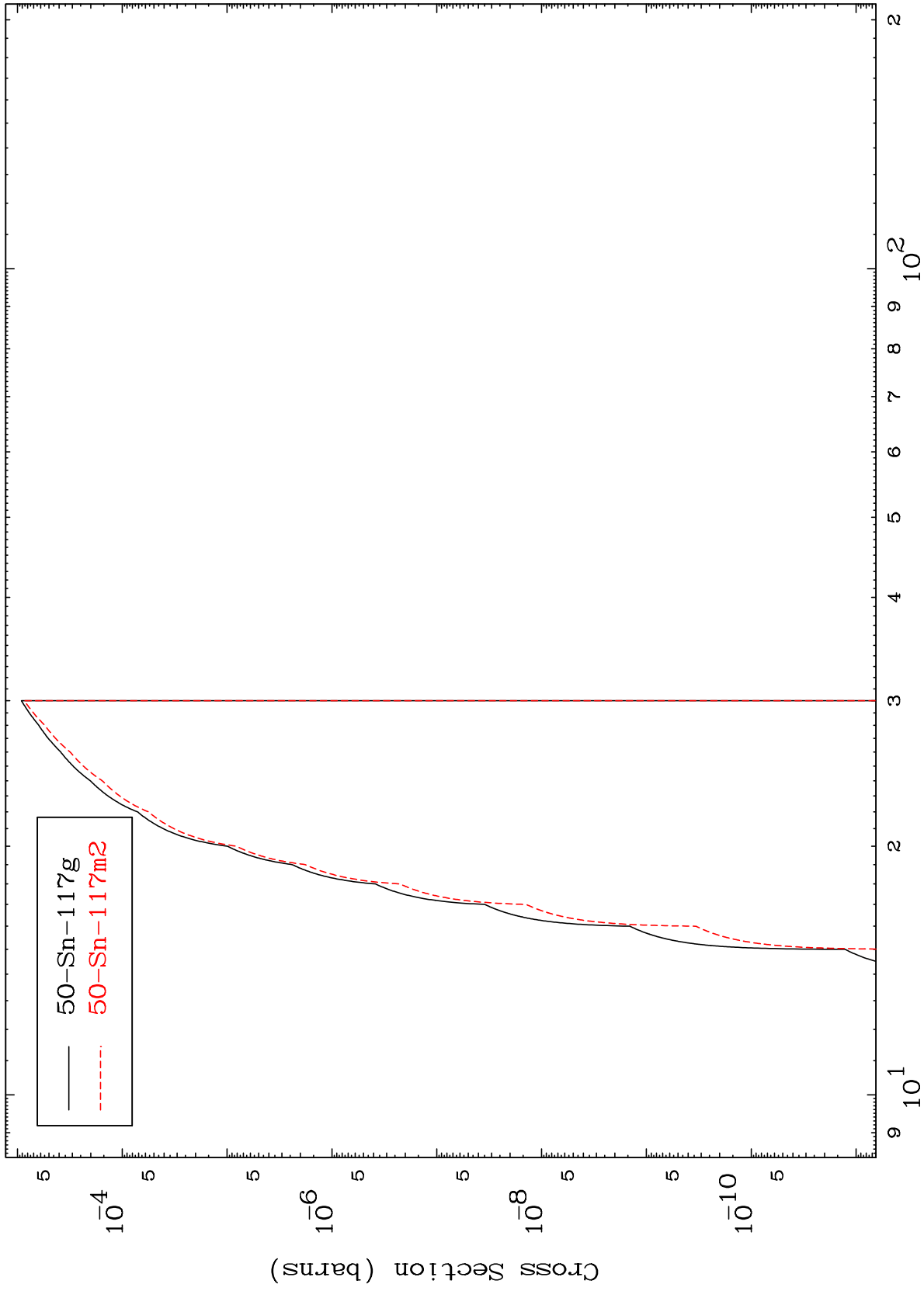


MAT 5043

(n,p) t

50-Sn-118

Radionuclide Production Cross Section



25

Incident Energy (MeV)

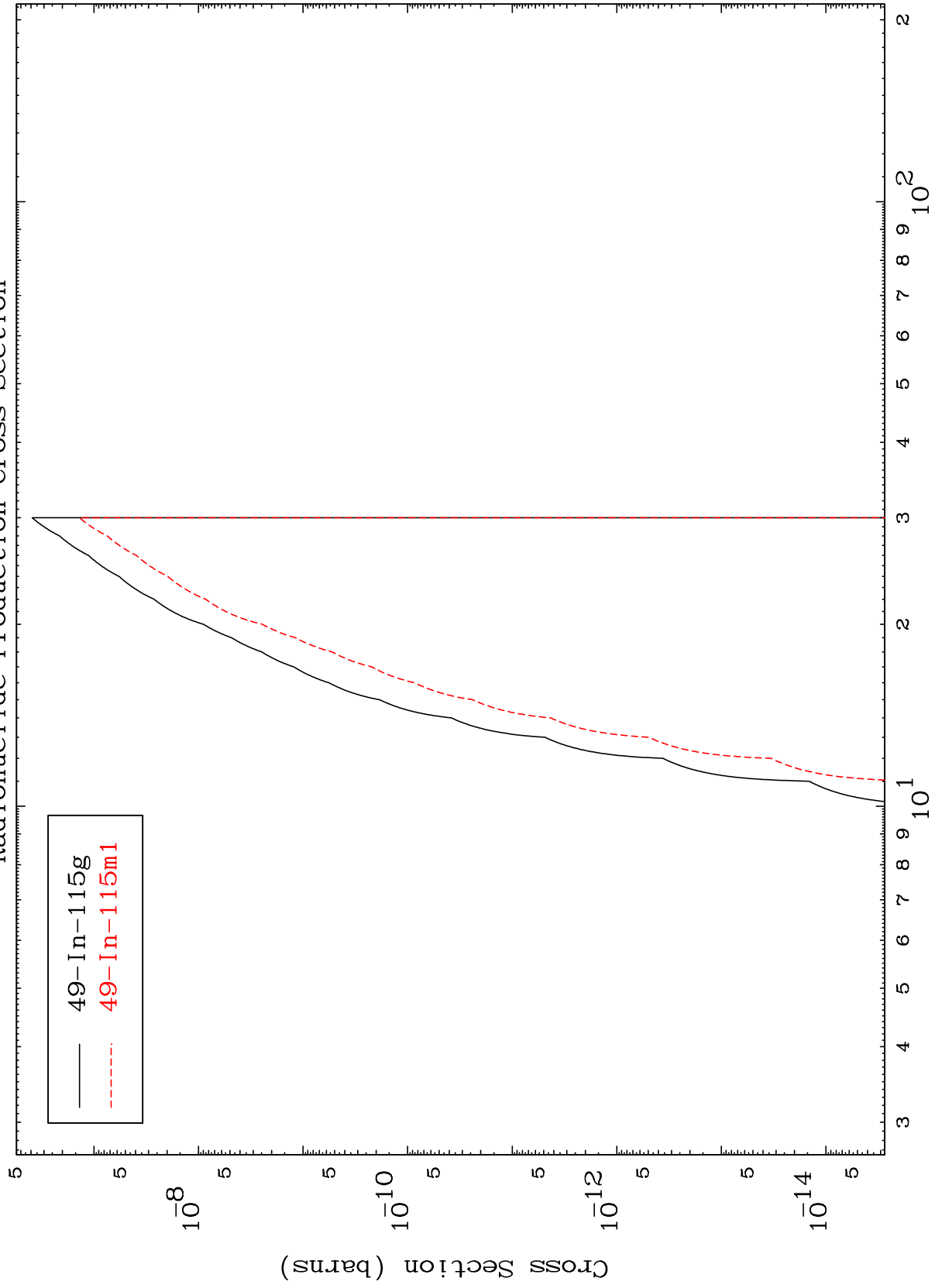
50-Sn-118

MAT 5043

(n,d)  $\alpha$

50-Sn-118

Radionuclide Production Cross Section



26