

Program EVALPLOT  
(Version 2021-1)

by

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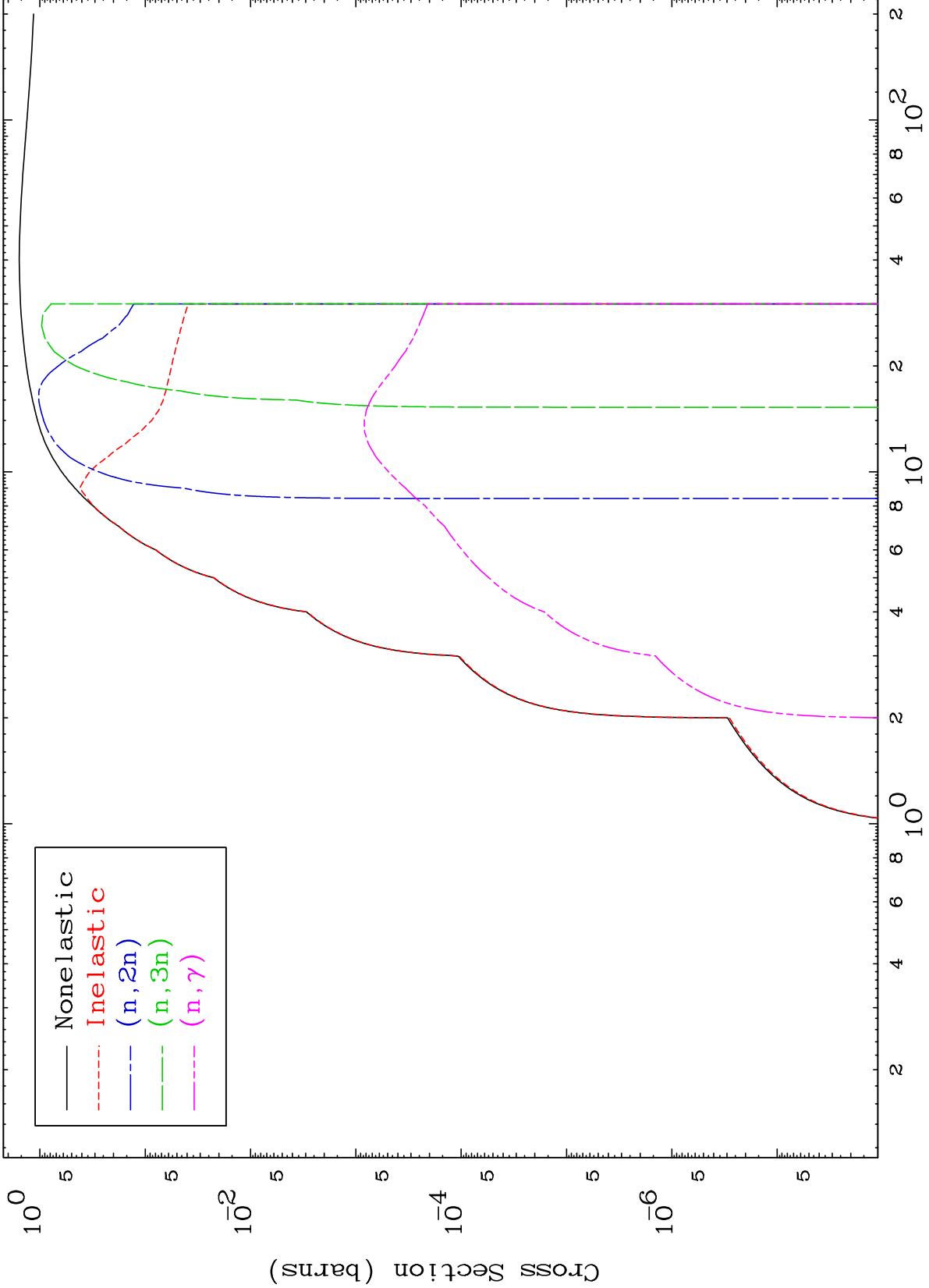
Press Mouse Button to Start

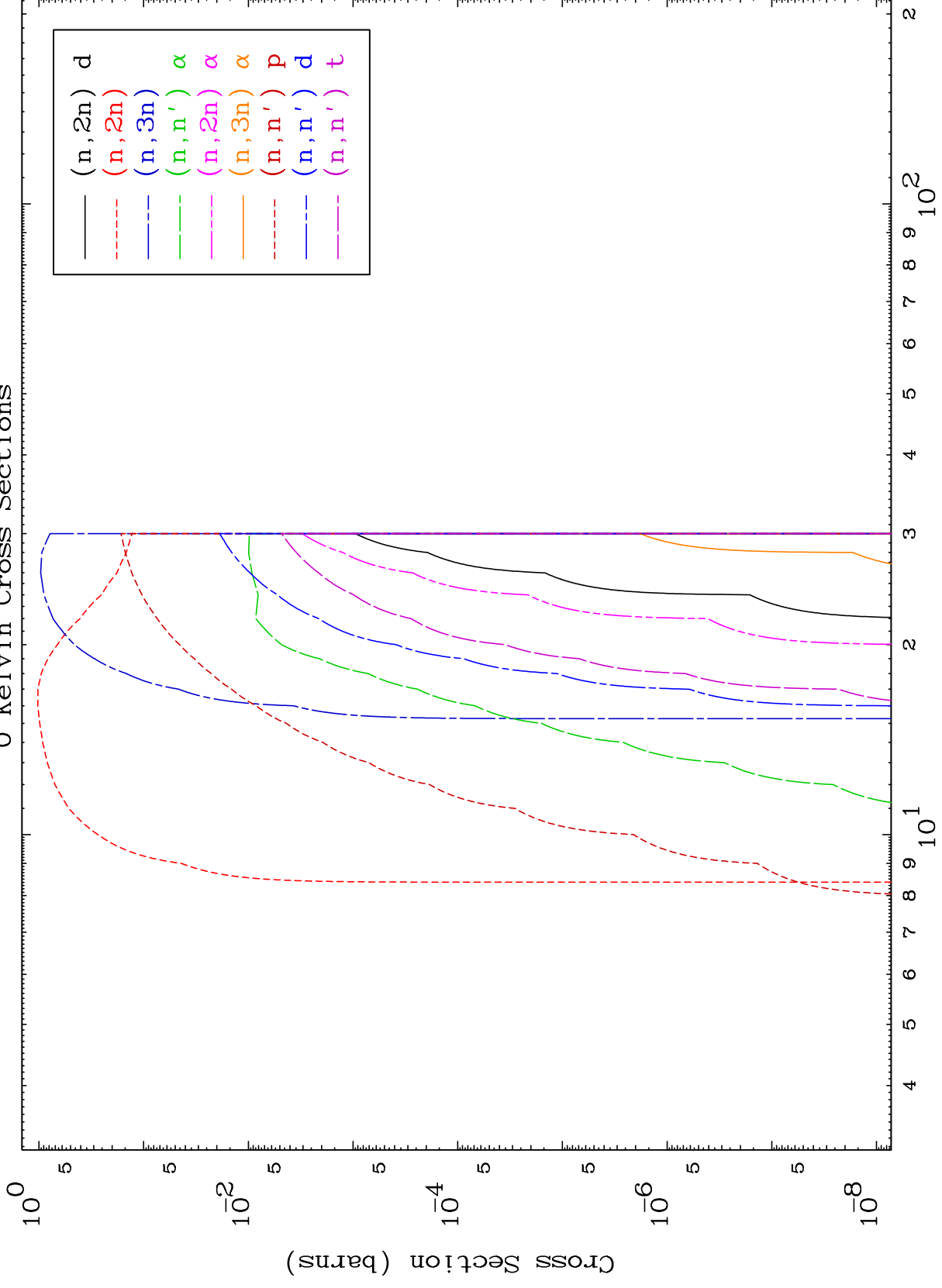
MAT 5058

Proton Major

50-Sn-123

0 Kelvin Cross Sections

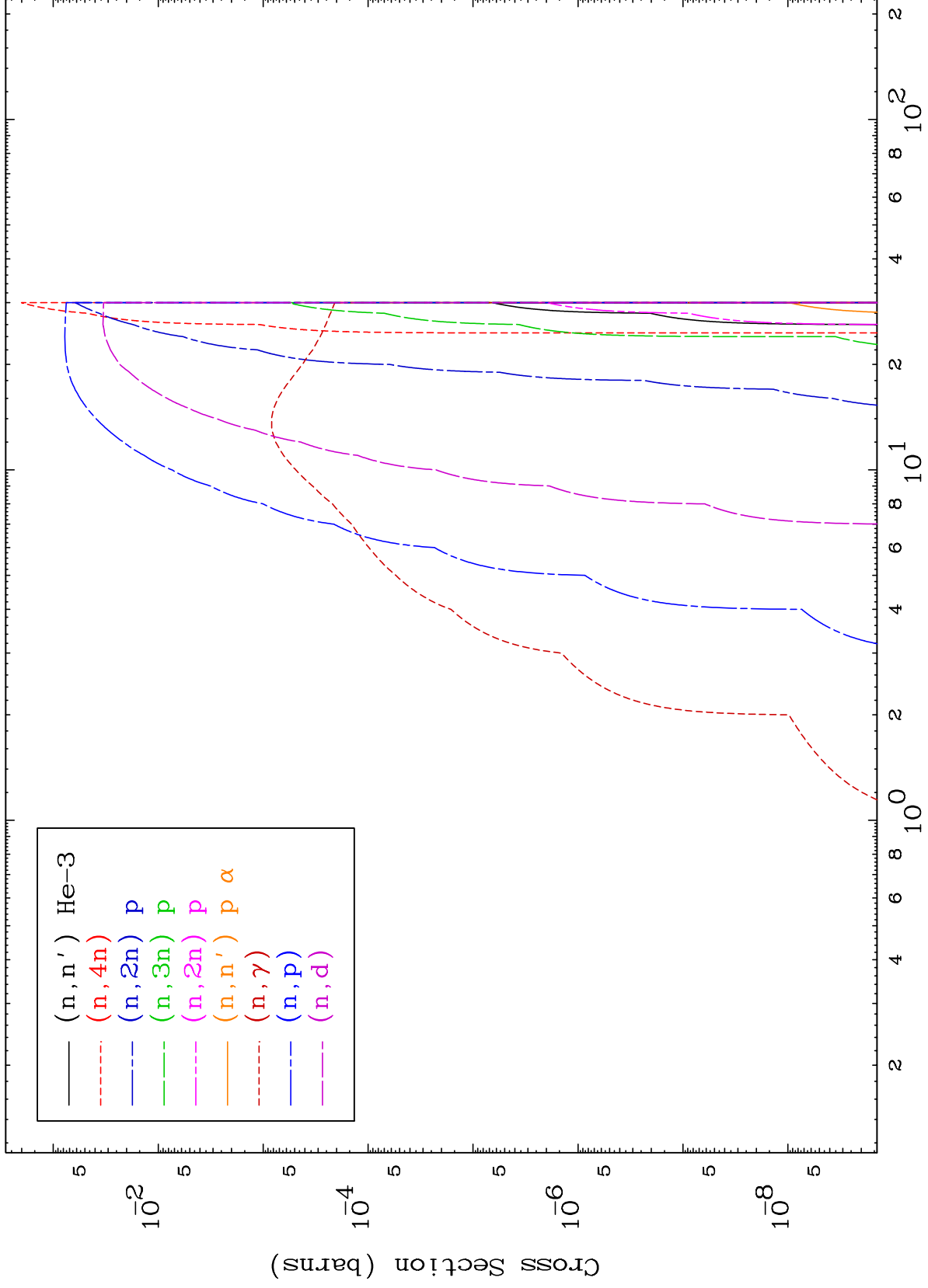




MAT 5058

Proton Neutron Absorption  
0 Kelvin Cross Sections

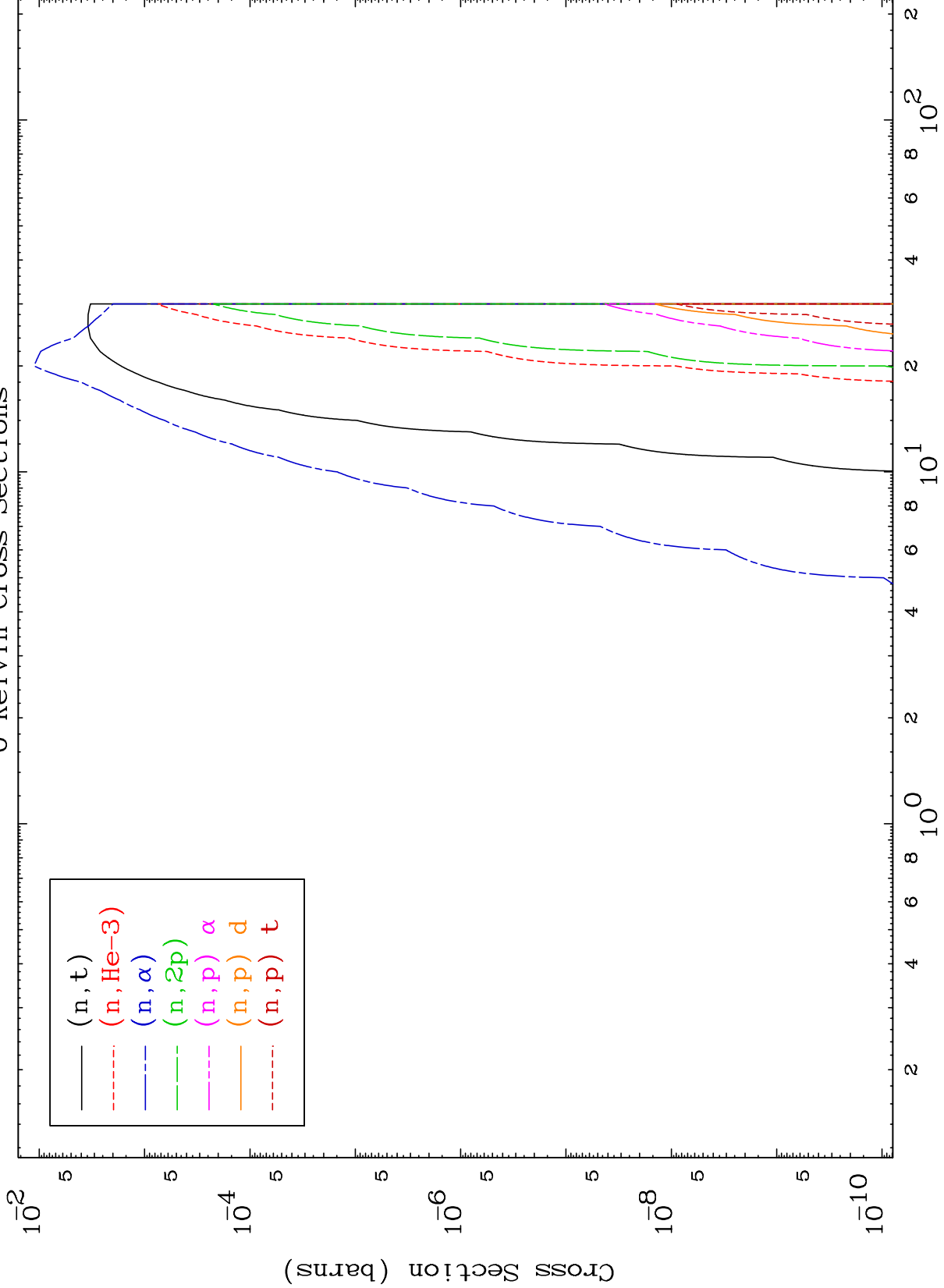
50-Sn-123



MAT 5058

Proton Neutron Absorption  
0 Kelvin Cross Sections

50-Sn-123



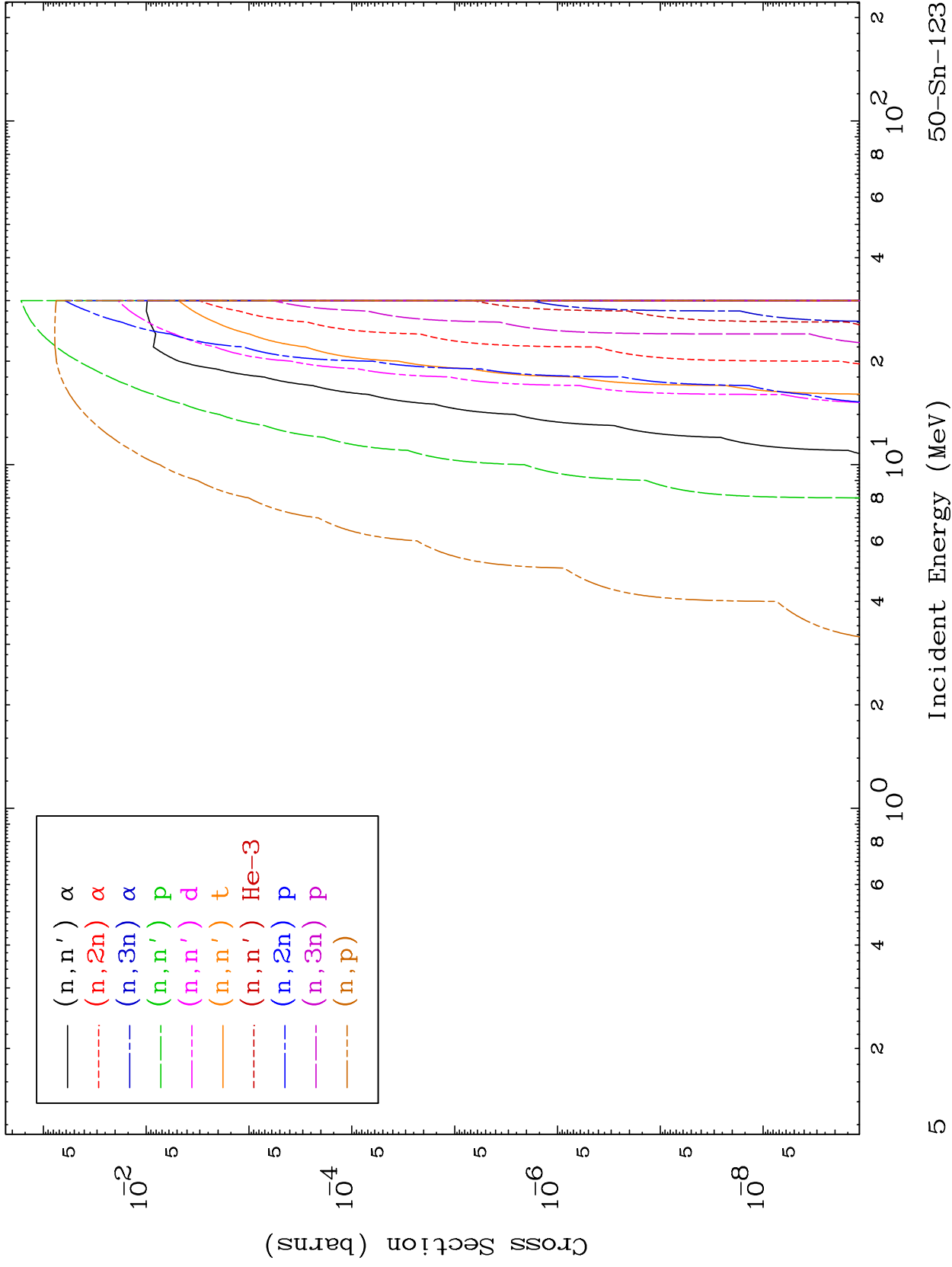
50-Sn-123

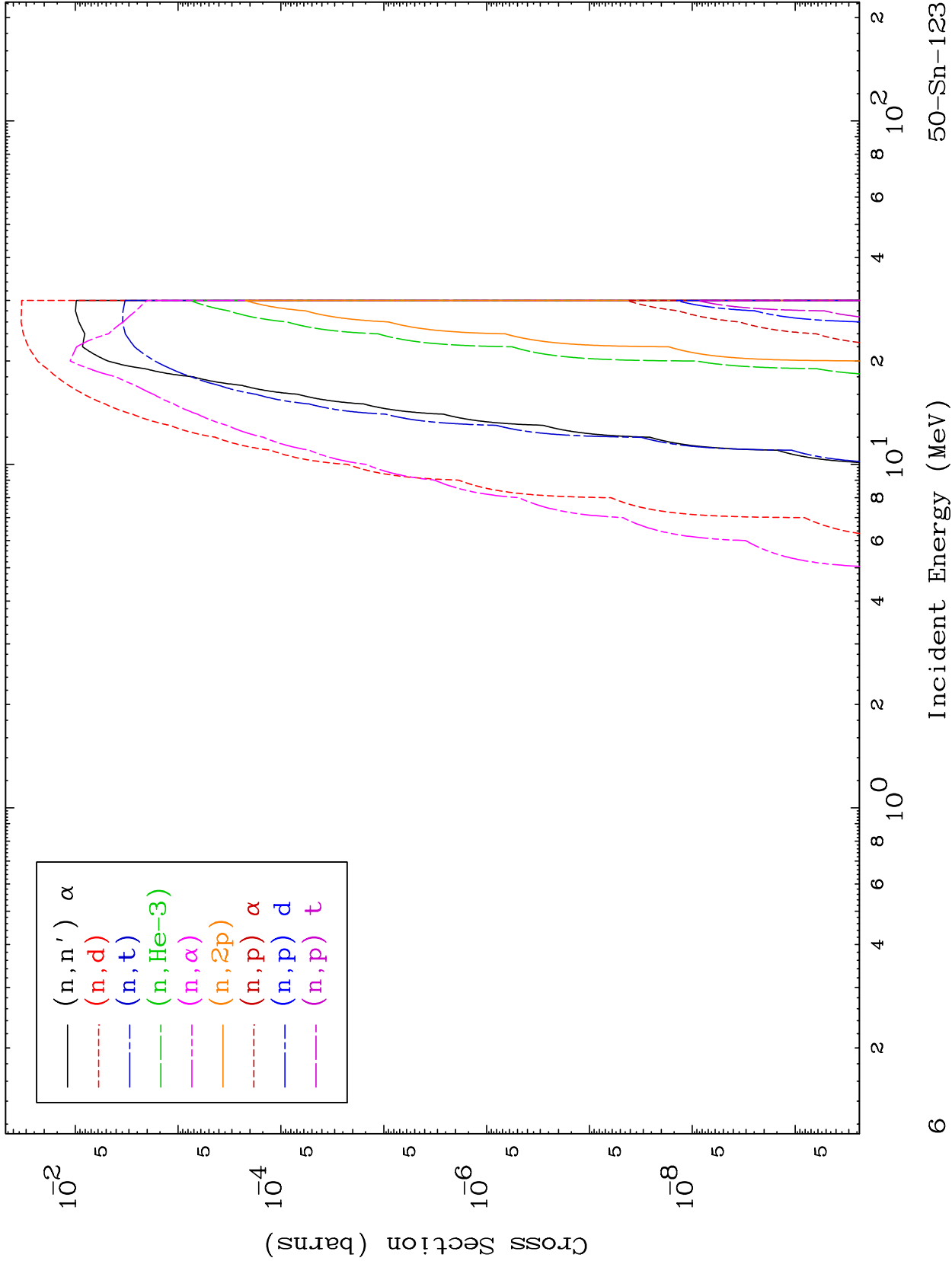
Incident Energy (MeV)

MAT 5058

Proton Charged Particle  
0 Kelvin Cross Sections

50-Sn-123

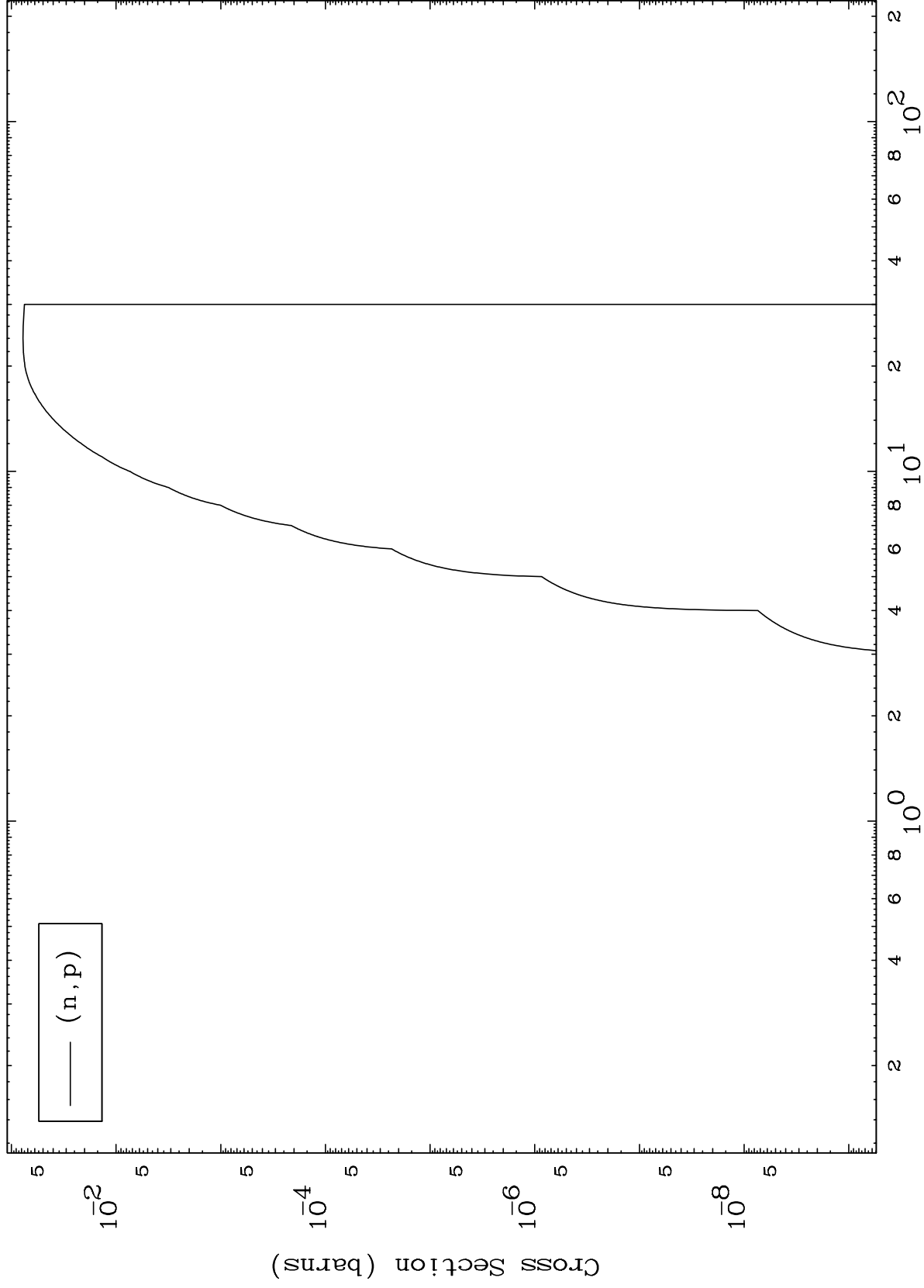




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(p,p) Levels  
0 Kelvin Cross Sections

50-Sn-123



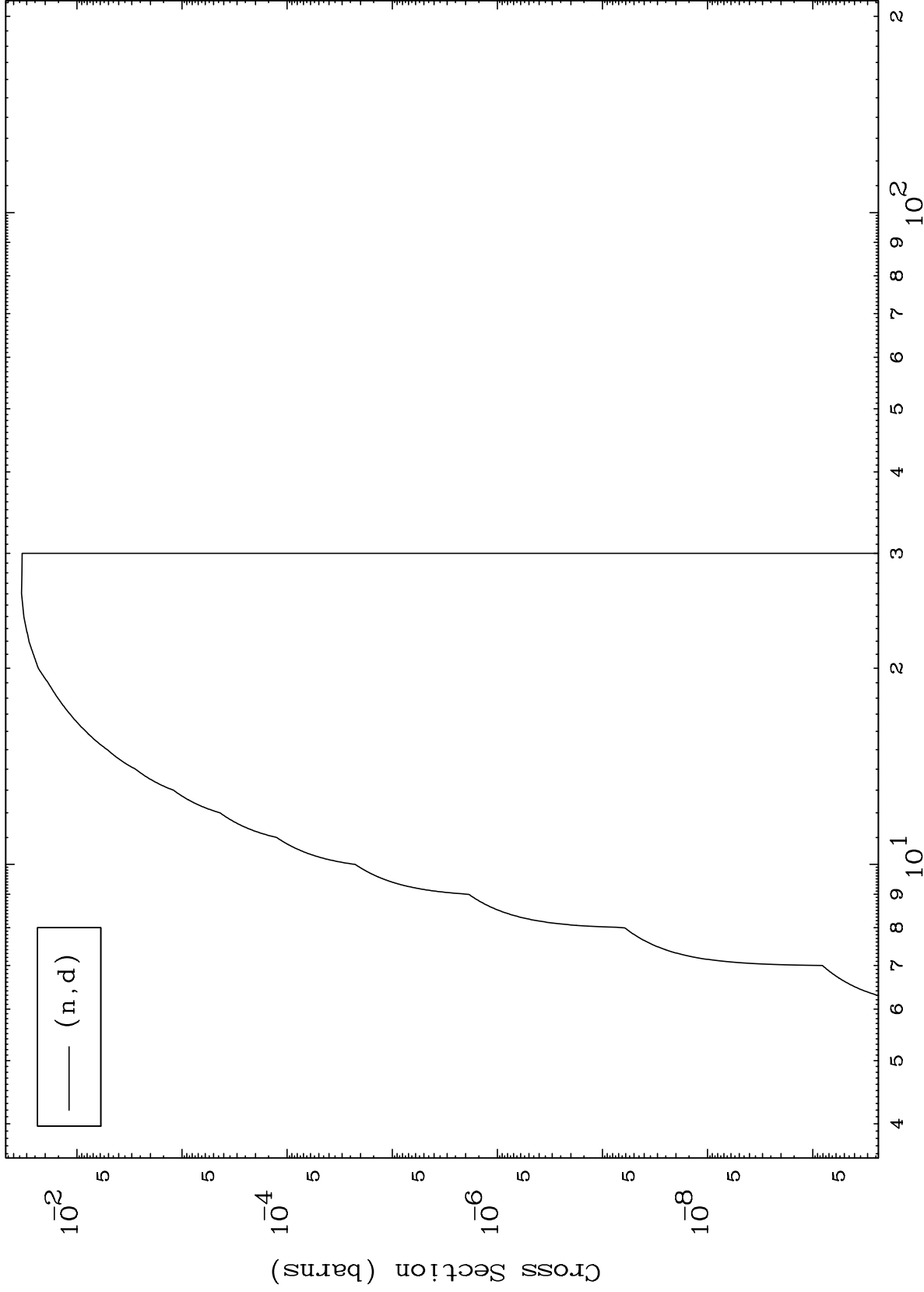
(n,p)



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(p,d) Levels  
0 Kelvin Cross Sections

50-Sn-123

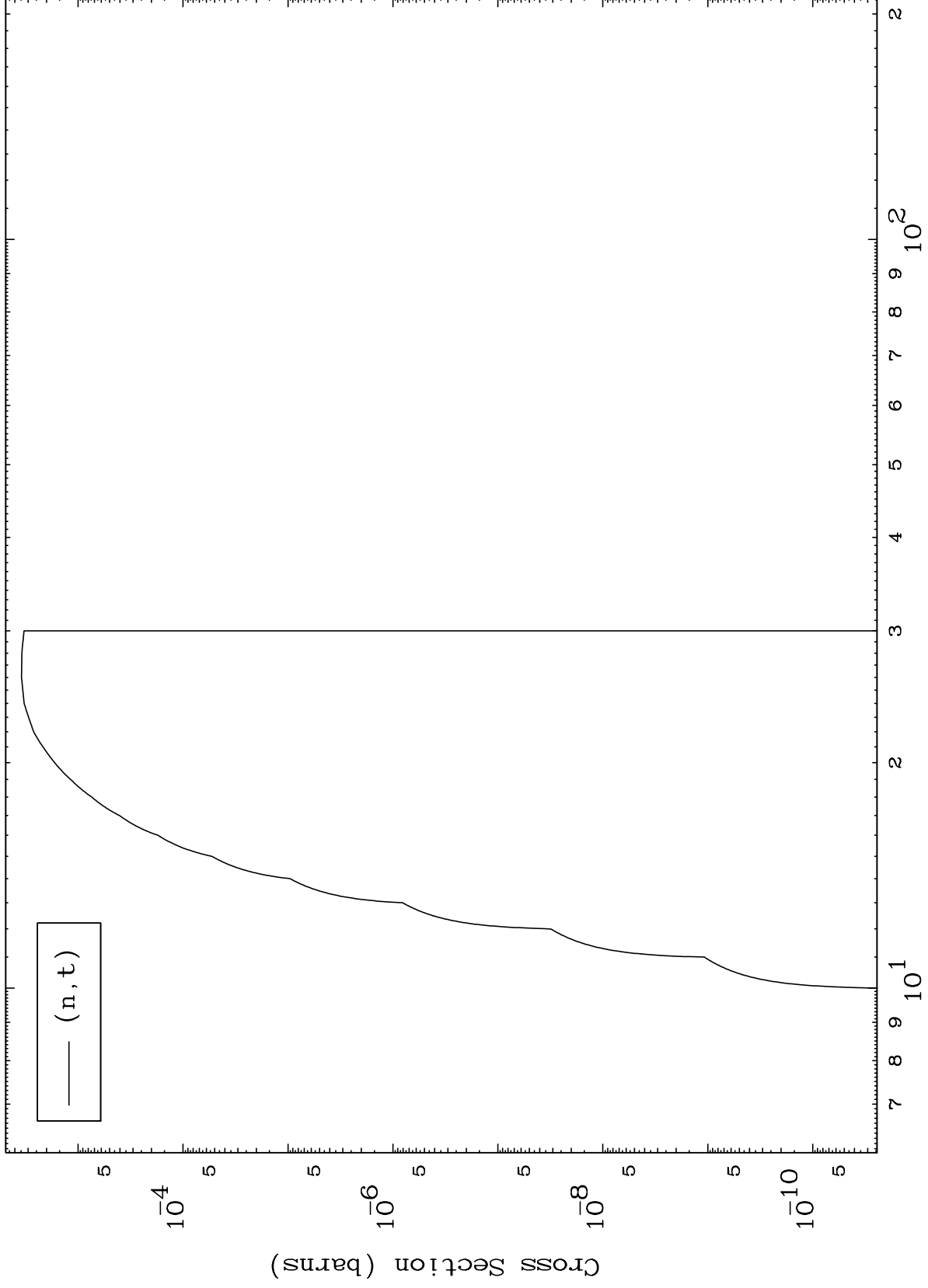


50-Sn-123

MAT 5058

(p, t) Levels  
0 Kelvin Cross Sections

50-Sn-123



9

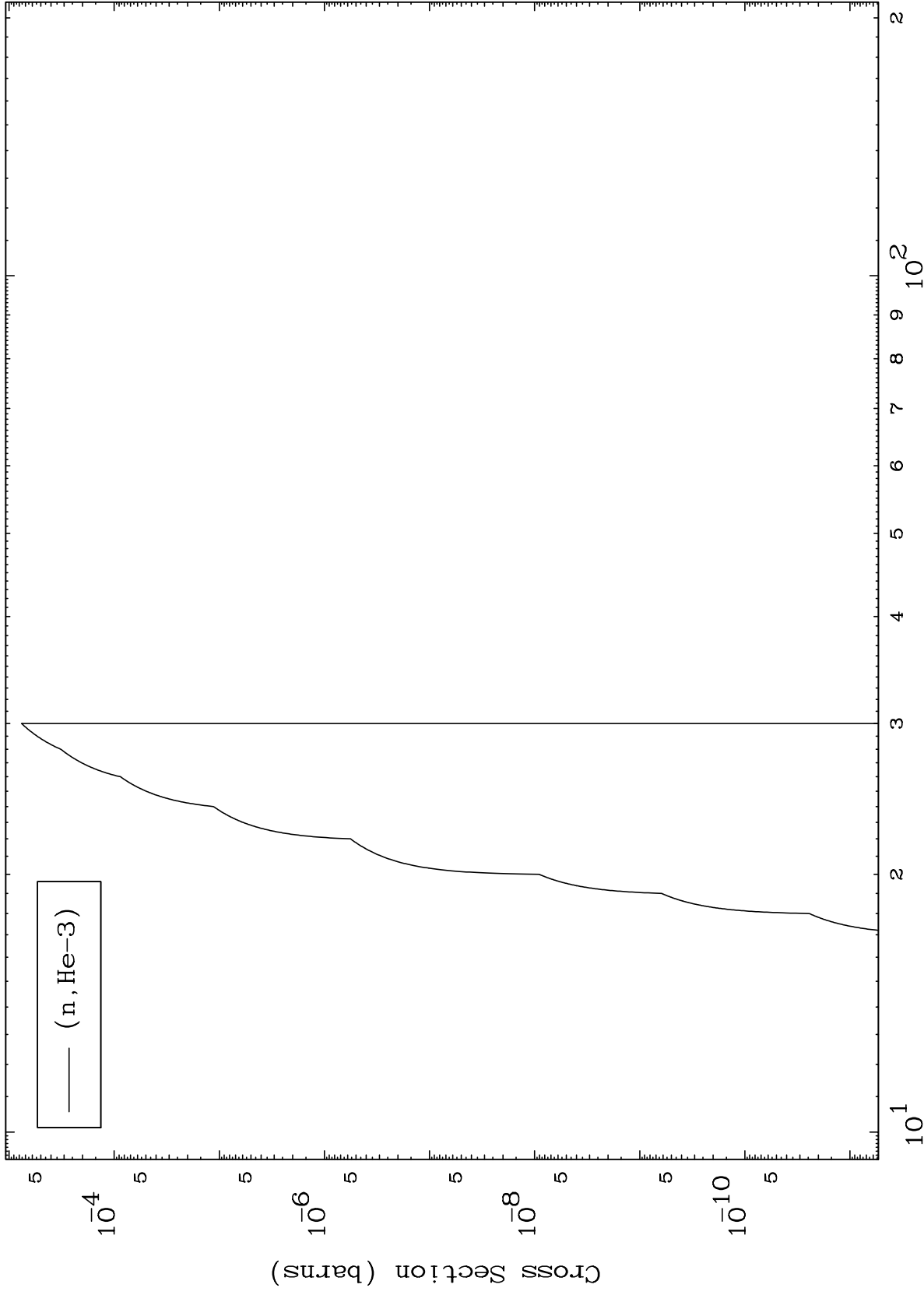
Incident Energy (MeV)

50-Sn-123

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(p,He3) Levels  
0 Kelvin Cross Sections

50-Sn-123



Incident Energy (MeV)

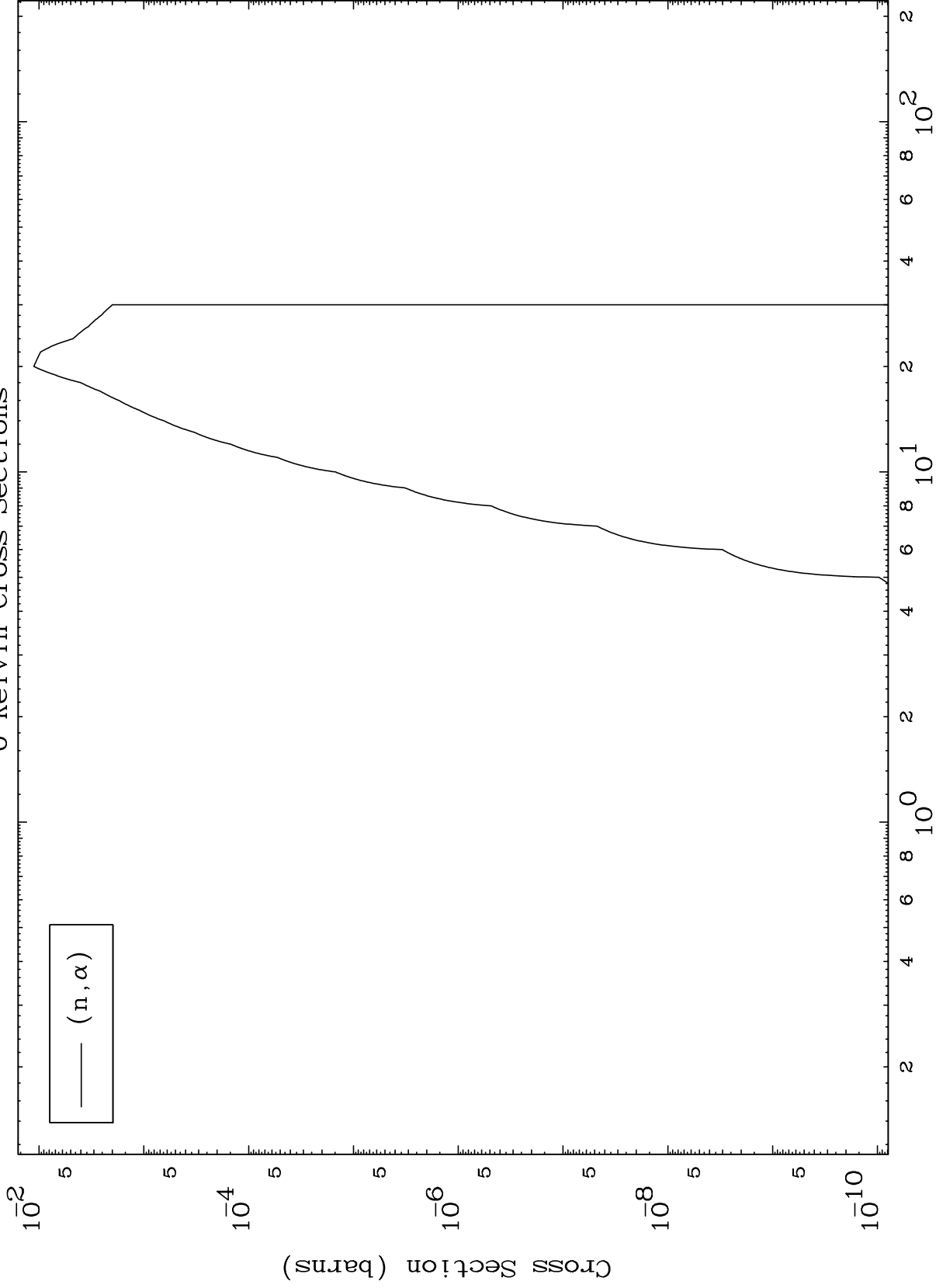
50-Sn-123

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(p,  $\alpha$ ) Levels

50-Sn-123

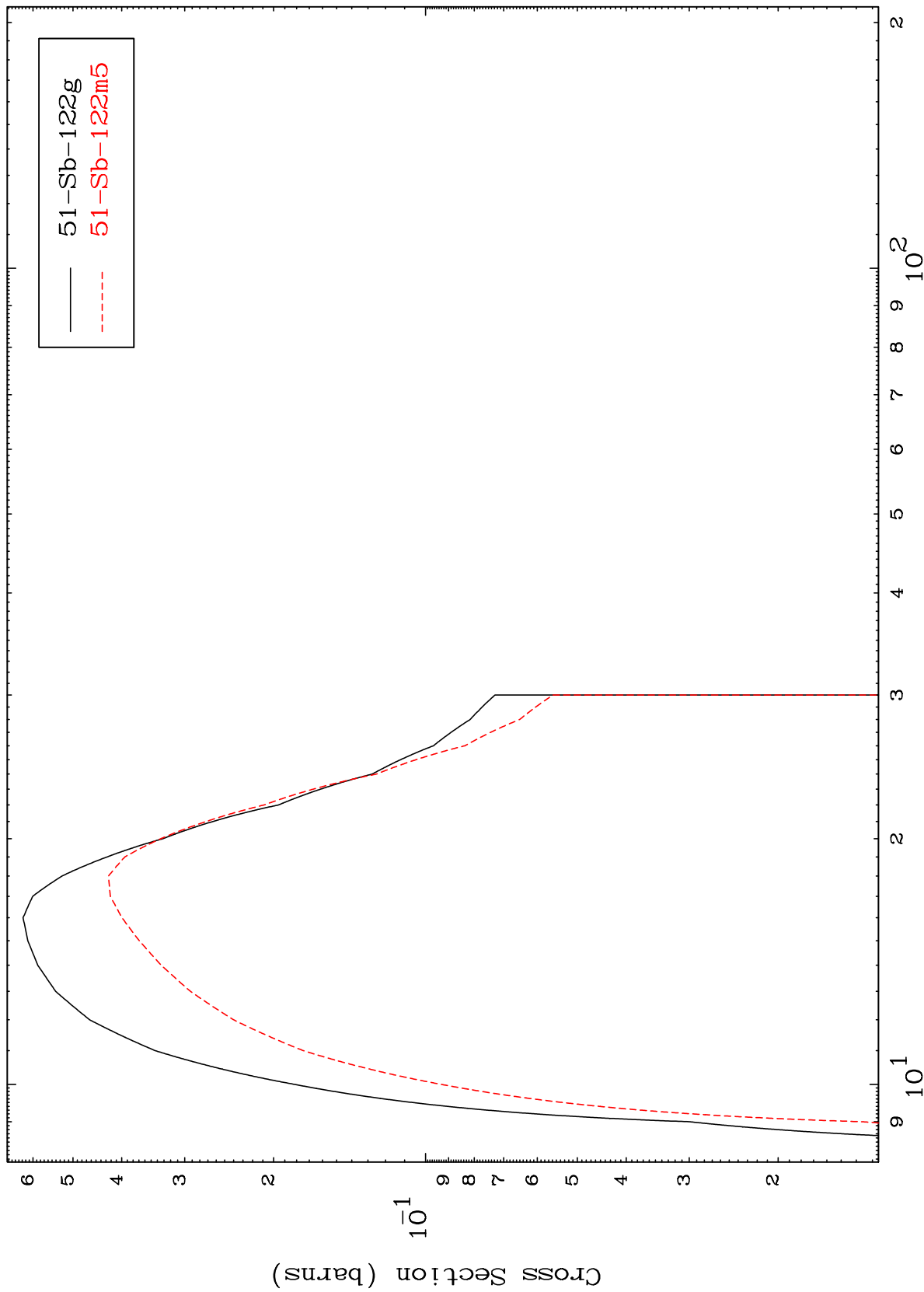
0 Kelvin Cross Sections



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50-Sn-123

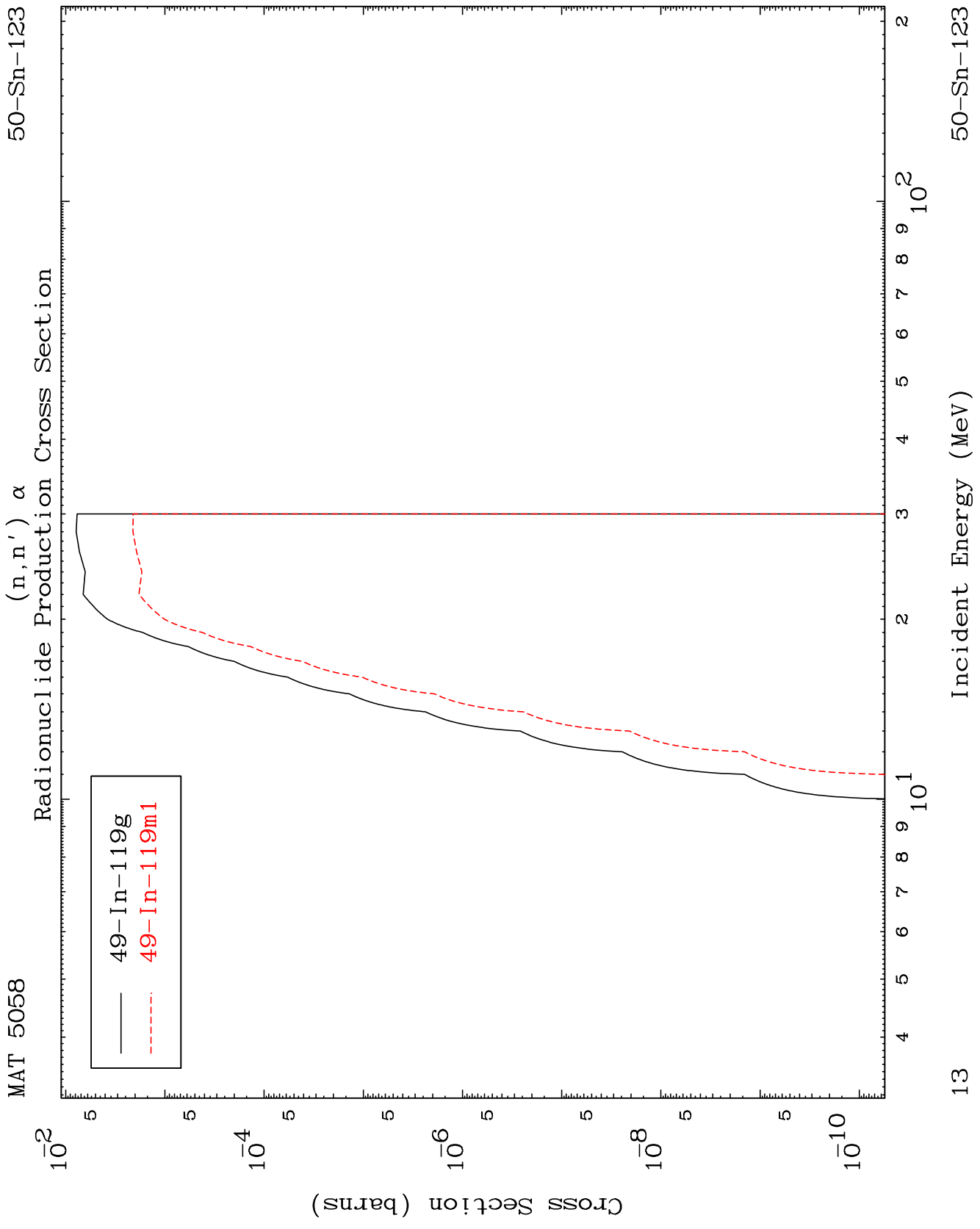
(n,2n)  
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

12

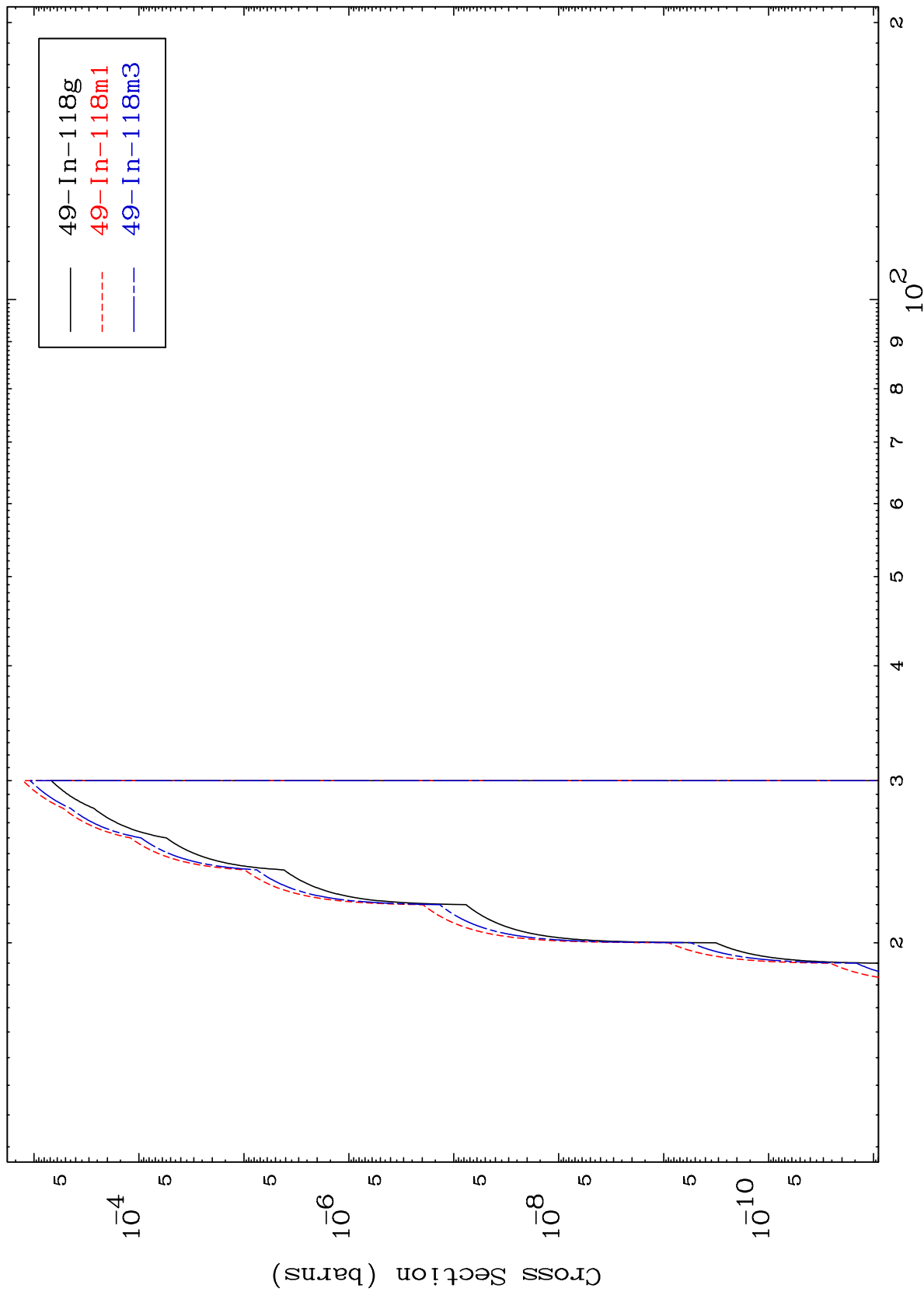


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50-Sn-123

(n,2n)  $\alpha$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

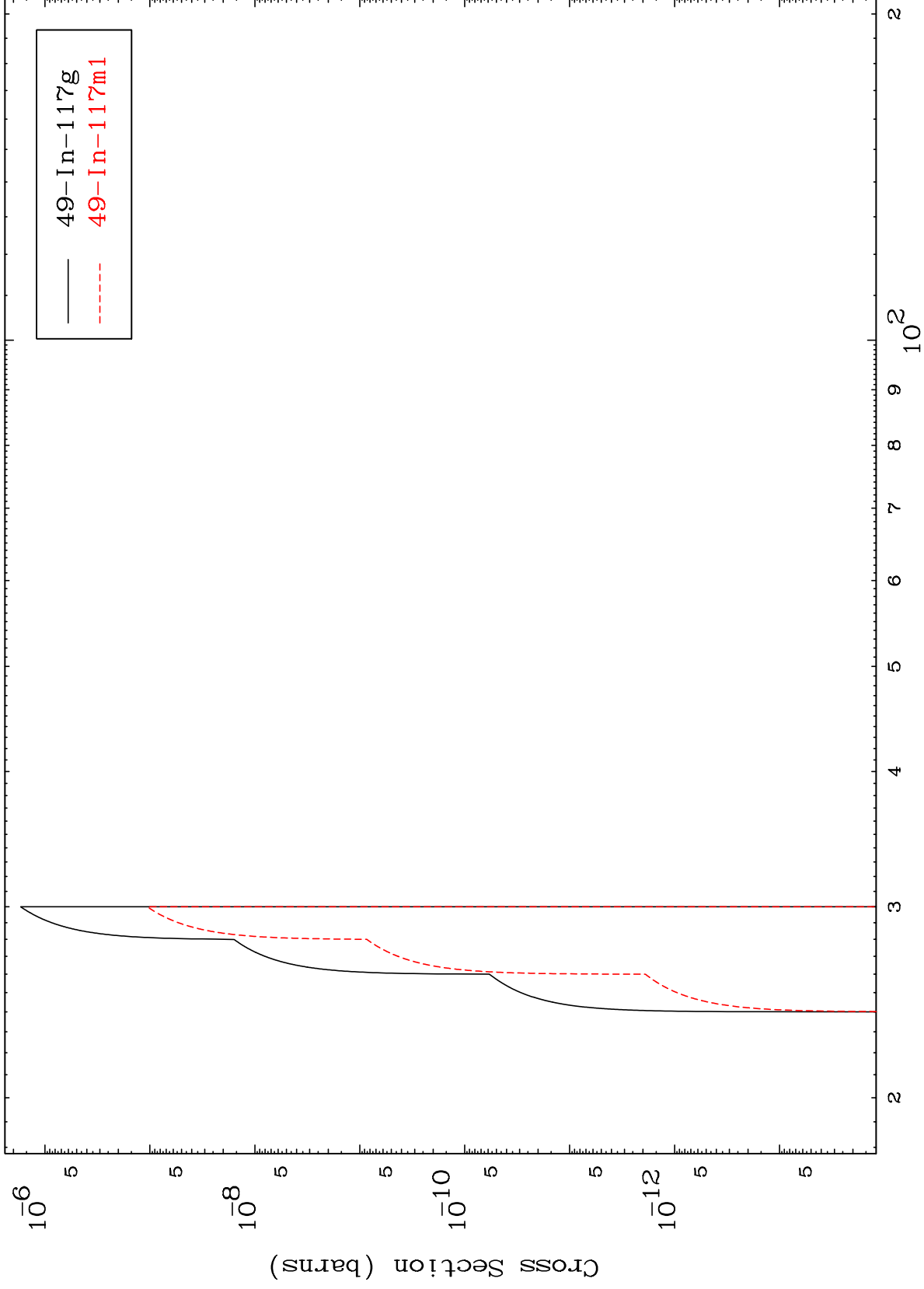
50-Sn-123

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(n,3n)  $\alpha$

50-Sn-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-123

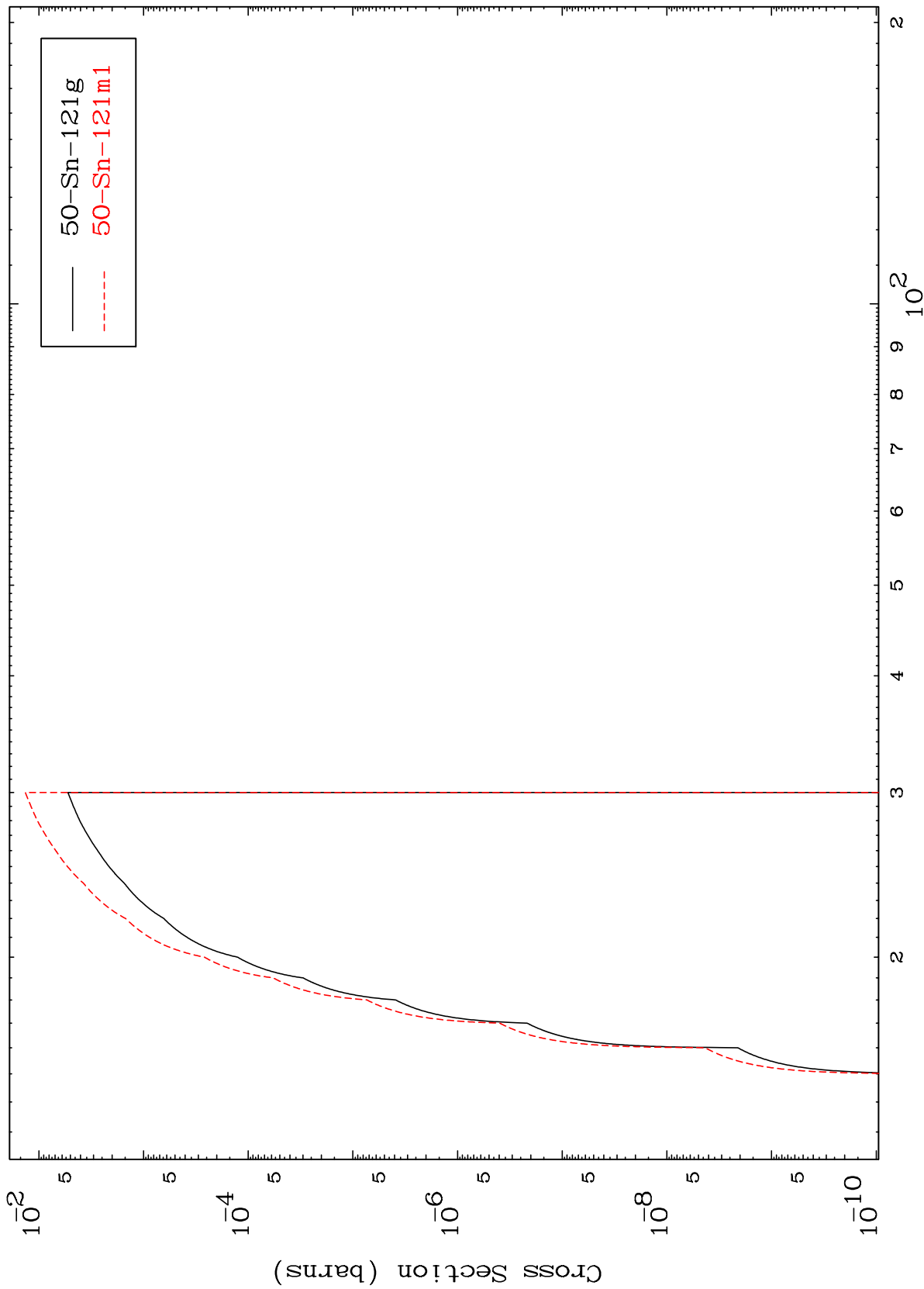


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(n,n') d

50-Sn-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

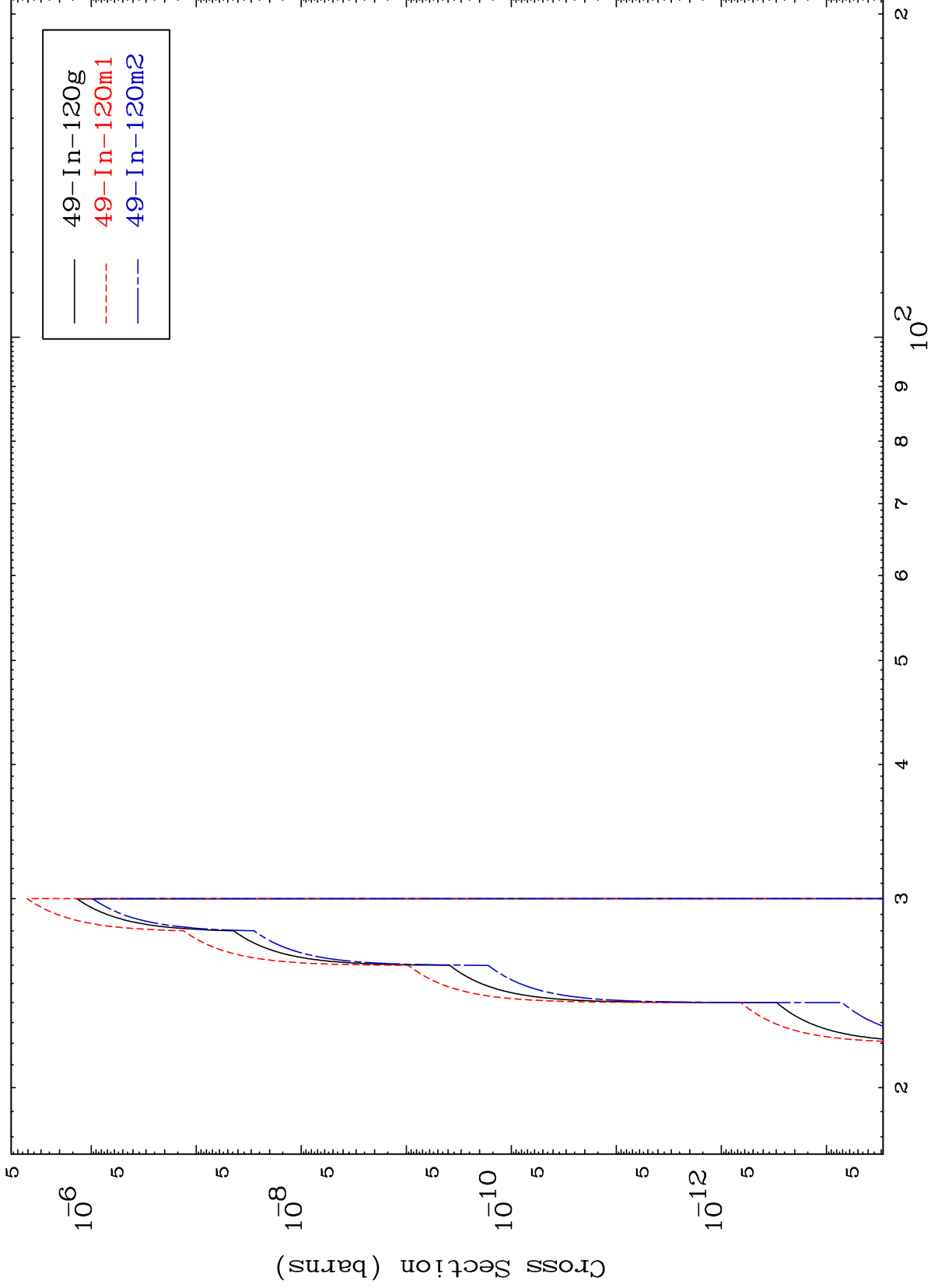
50-Sn-123

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(n,n') He-3

50-Sn-123

Radionuclide Production Cross Section



17

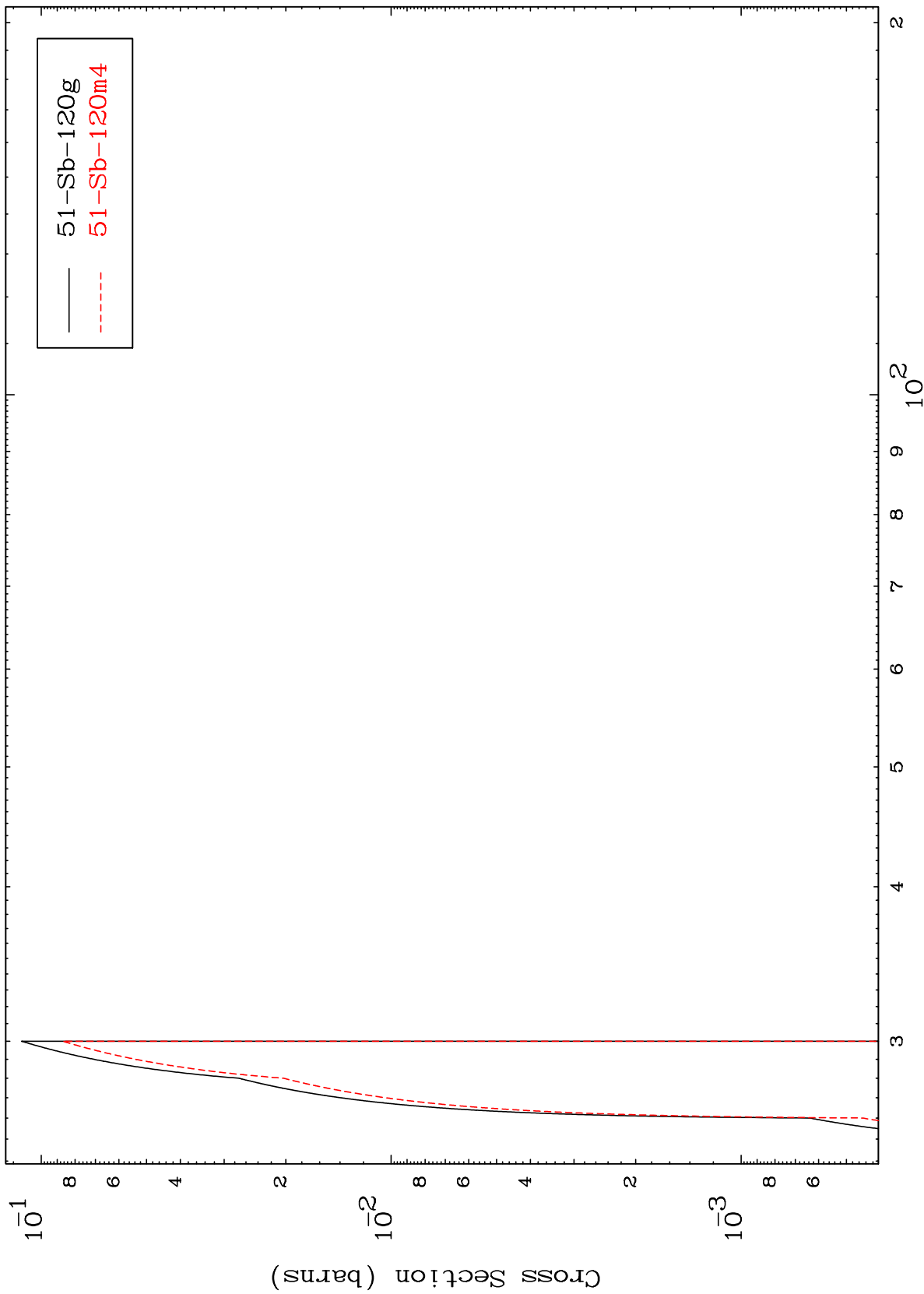
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(n,4n)  
Radionuclide Production Cross Section



18

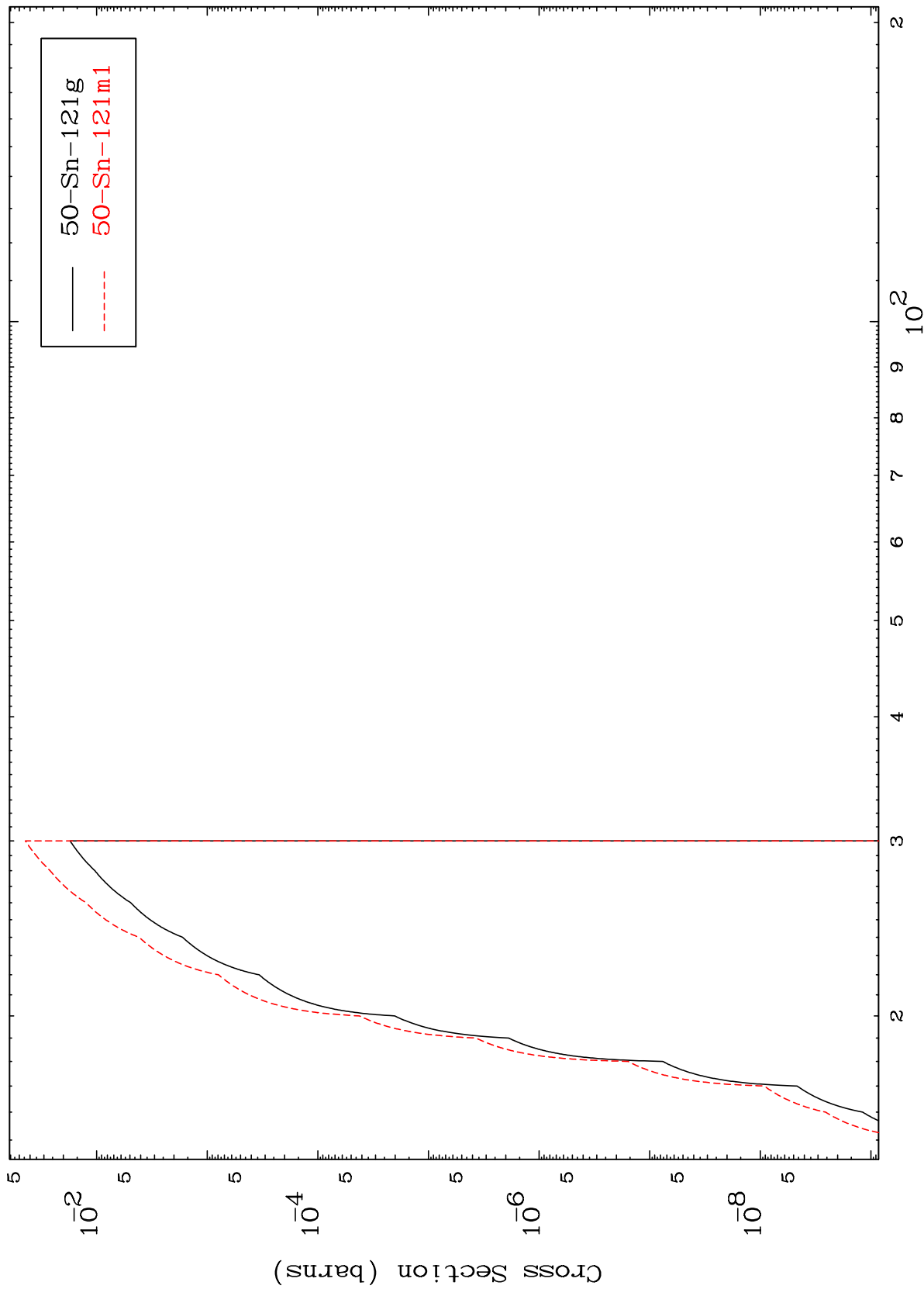
50-Sn-123

MAT 5058

(n,2n) p

50-Sn-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

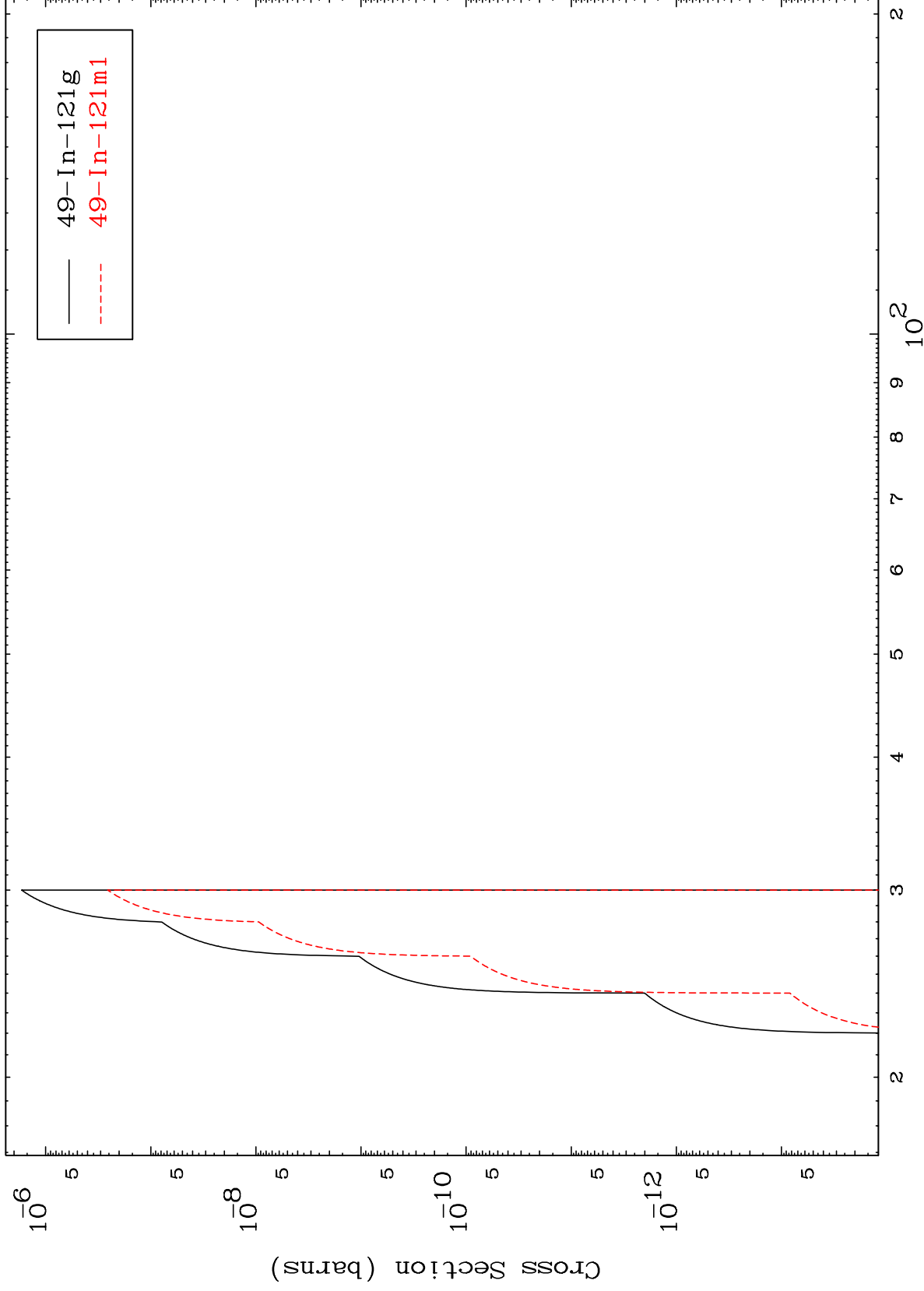
50-Sn-123

MAT 5058

(n,2n) p

50-Sn-123

Radionuclide Production Cross Section



20

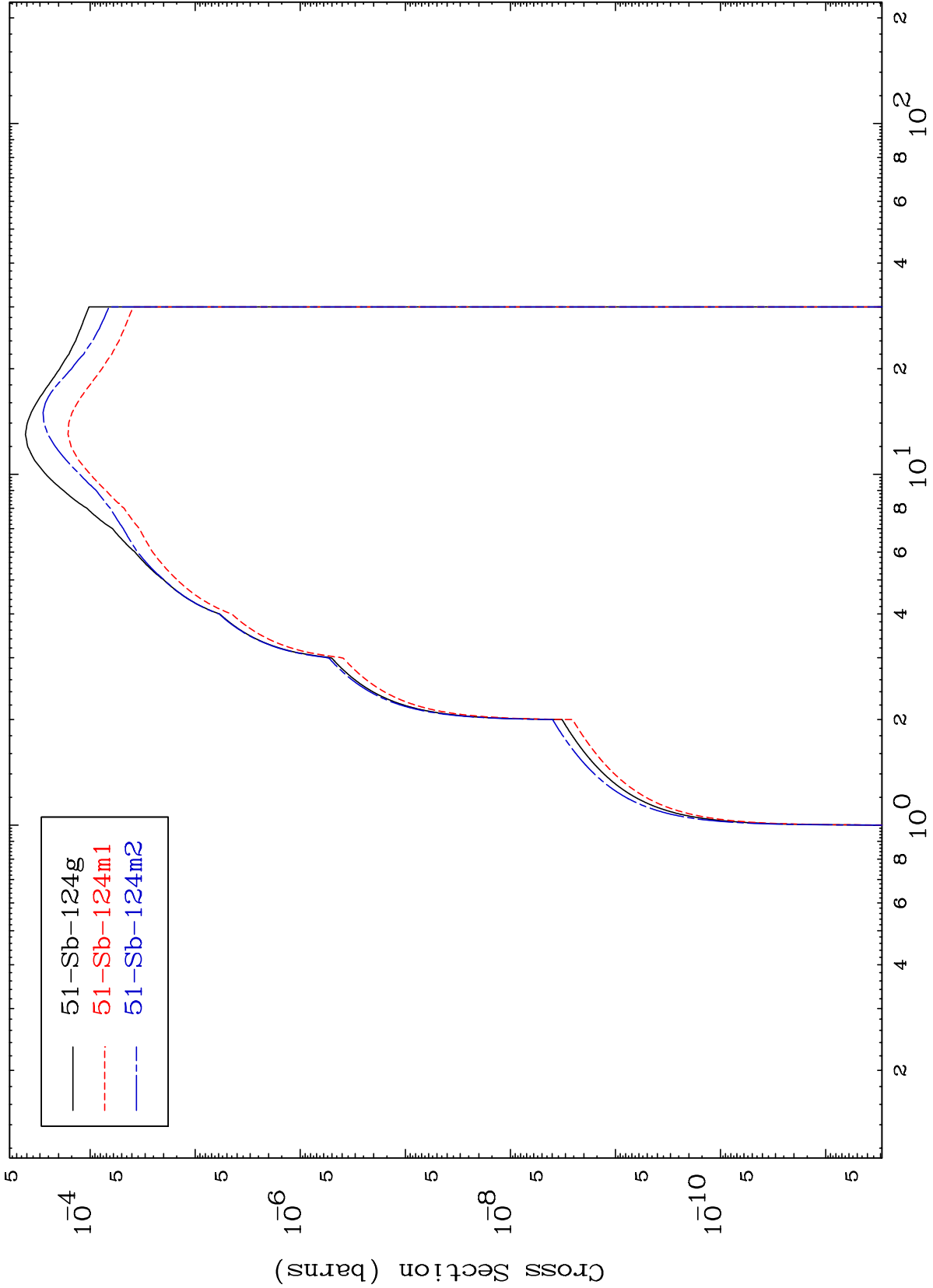
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

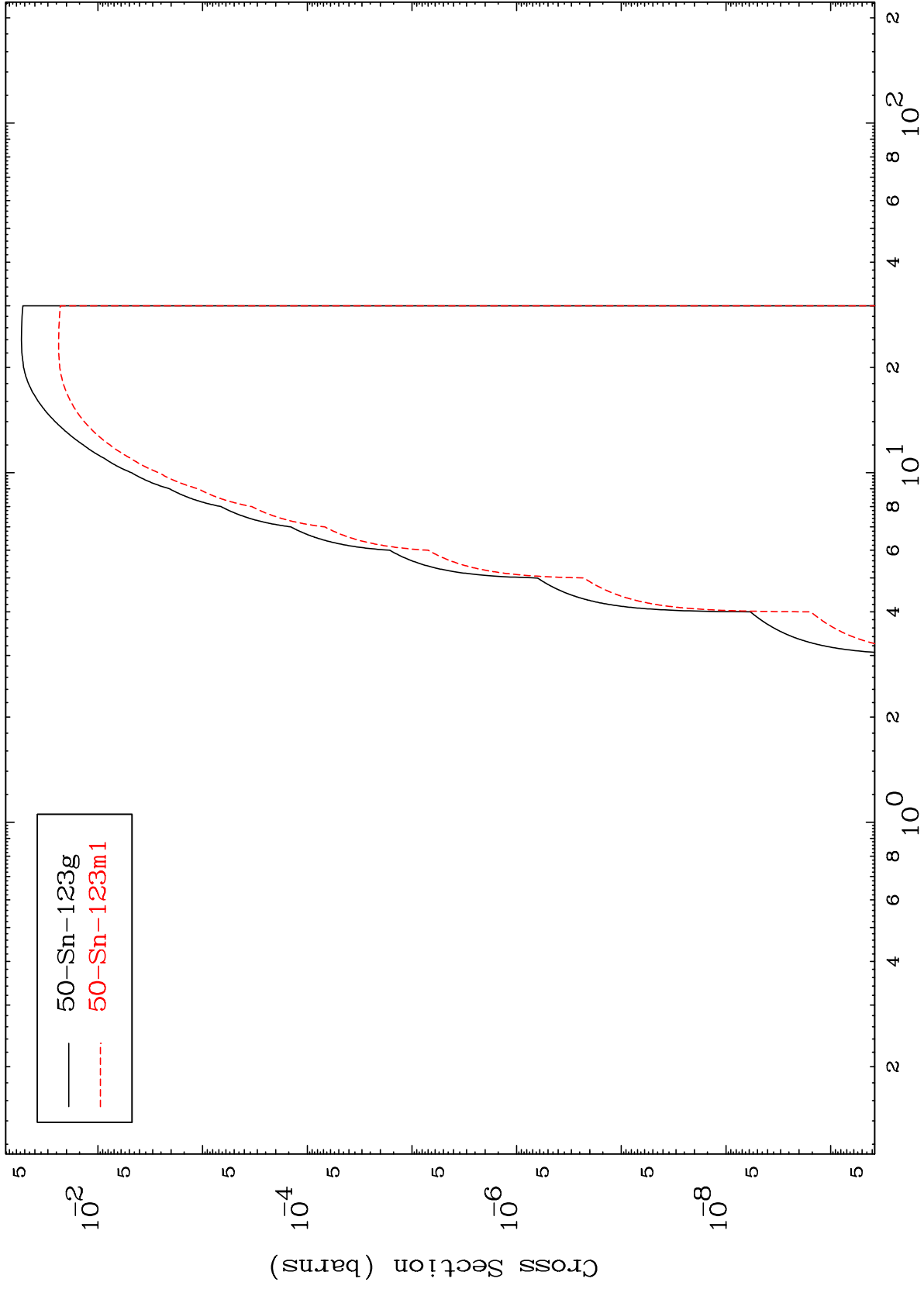
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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50-Sn-123

(n,p)  
Radionuclide Production Cross Section



50-Sn-123

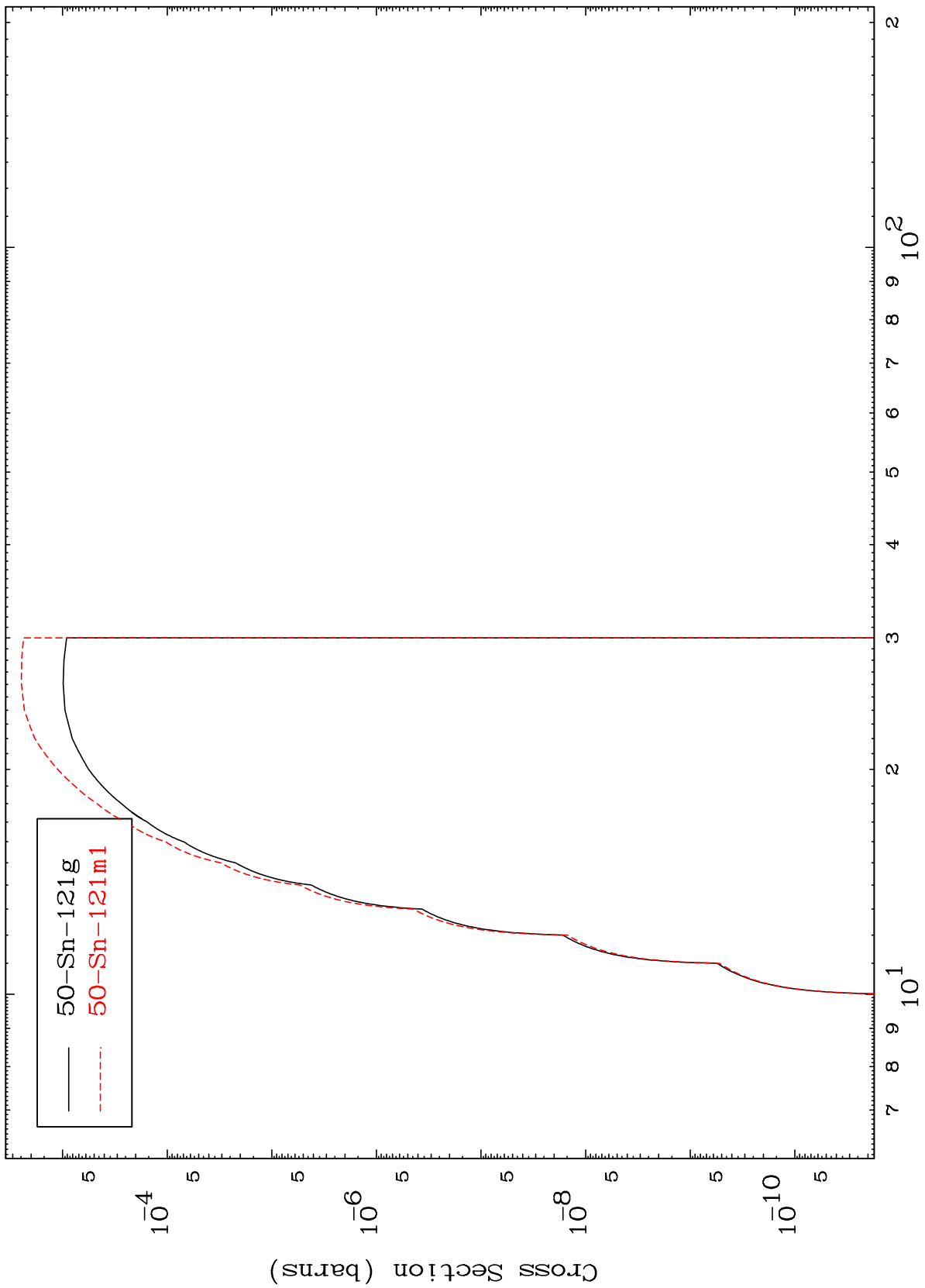
Incident Energy (MeV)

22

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50-Sn-123

(n,t)  
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

23

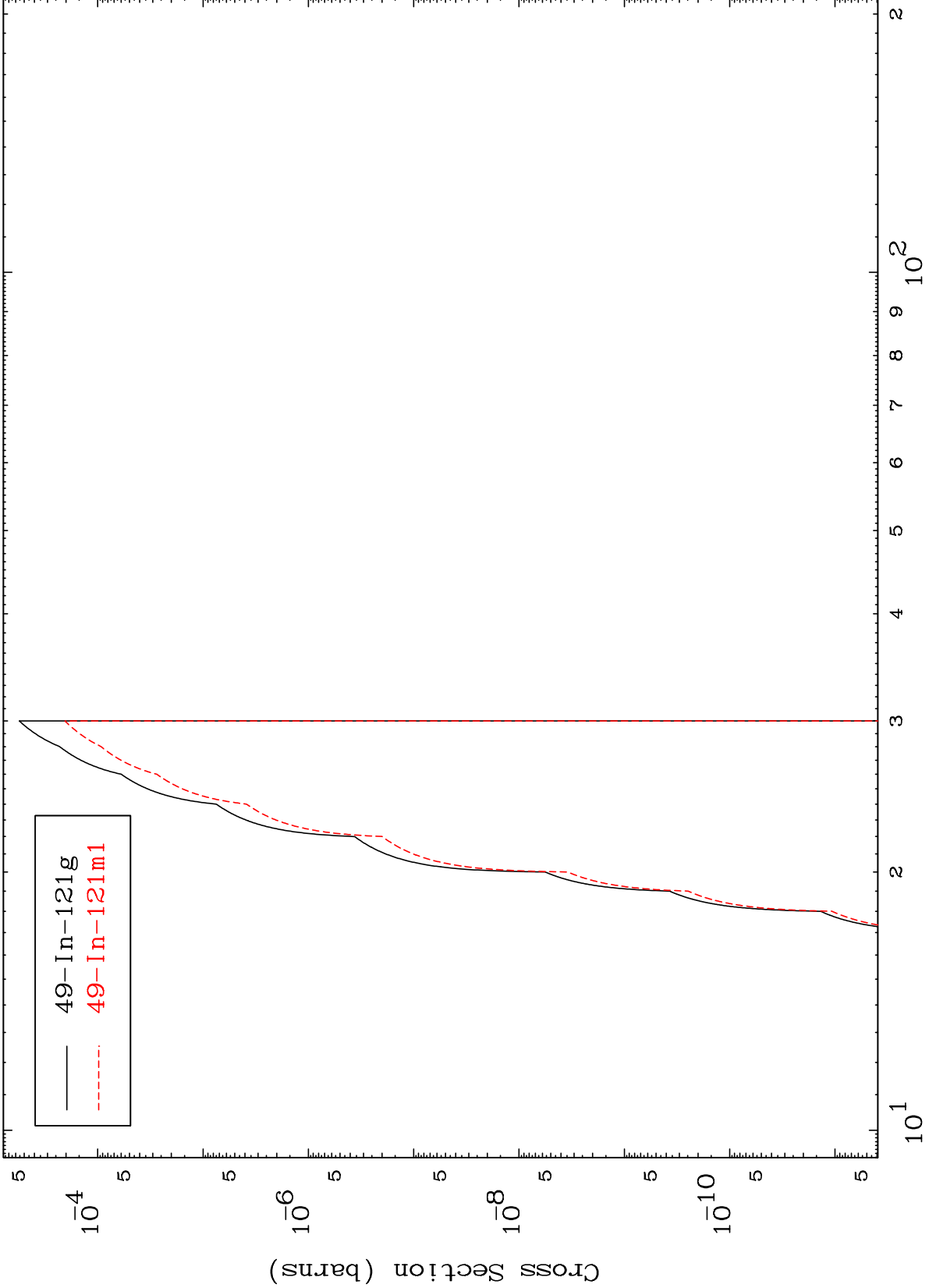


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(n,He-3)

50-Sn-123

Radionuclide Production Cross Section



24

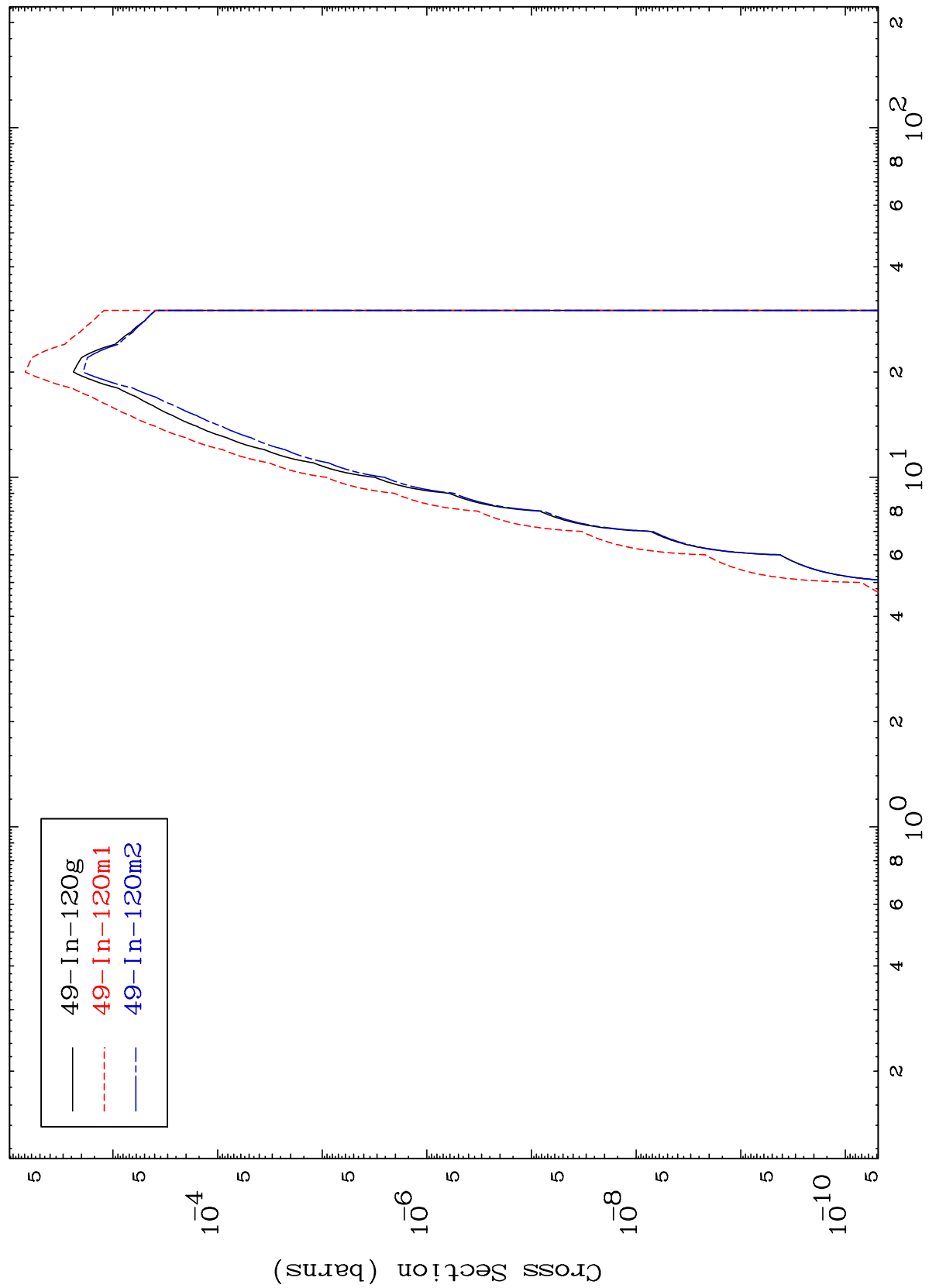
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

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



49-In-120g  
49-In-120m1  
49-In-120m2

50-Sn-123

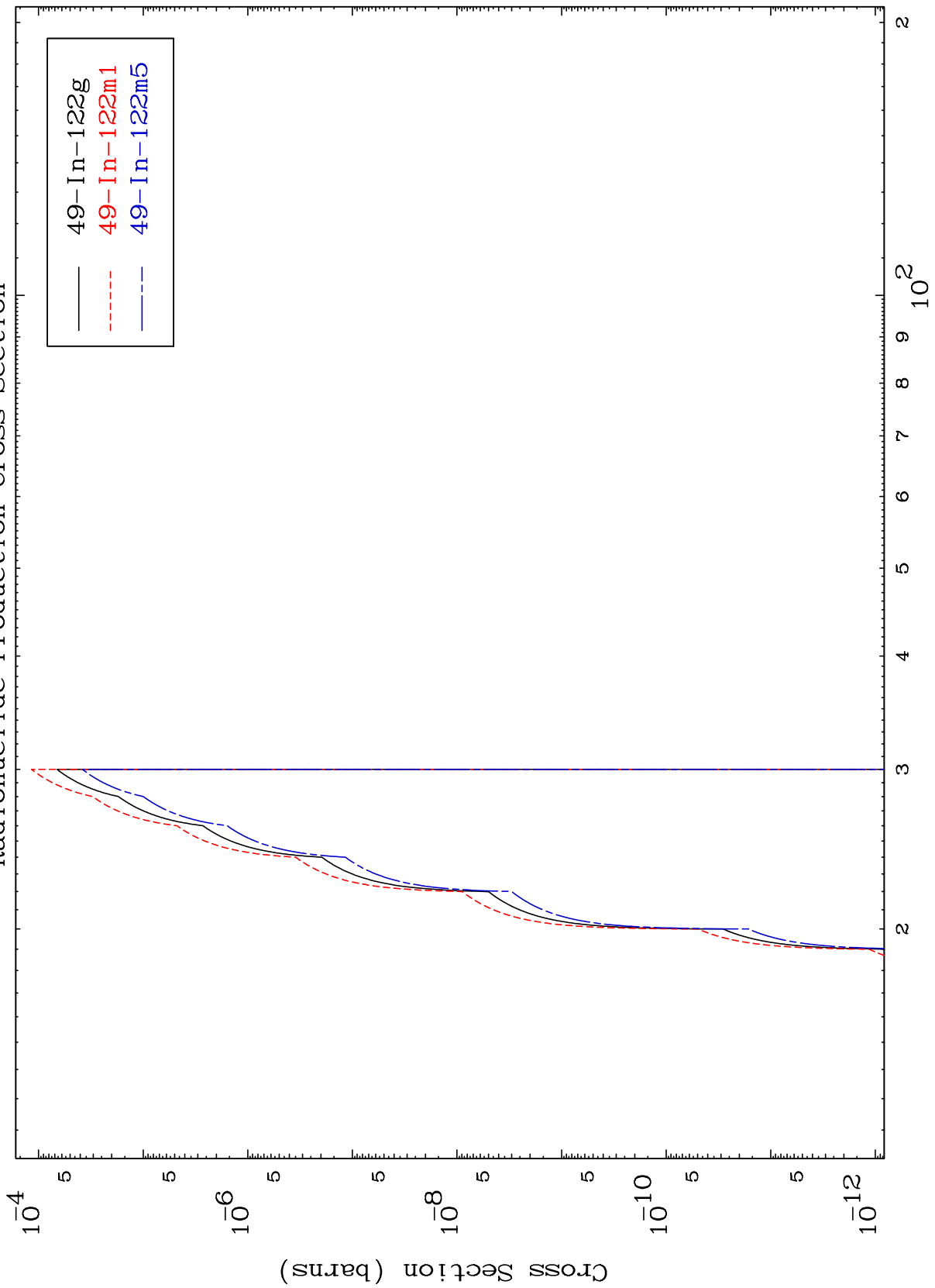
Incident Energy (MeV)

25

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50-Sn-123

(n,2p)  
Radionuclide Production Cross Section

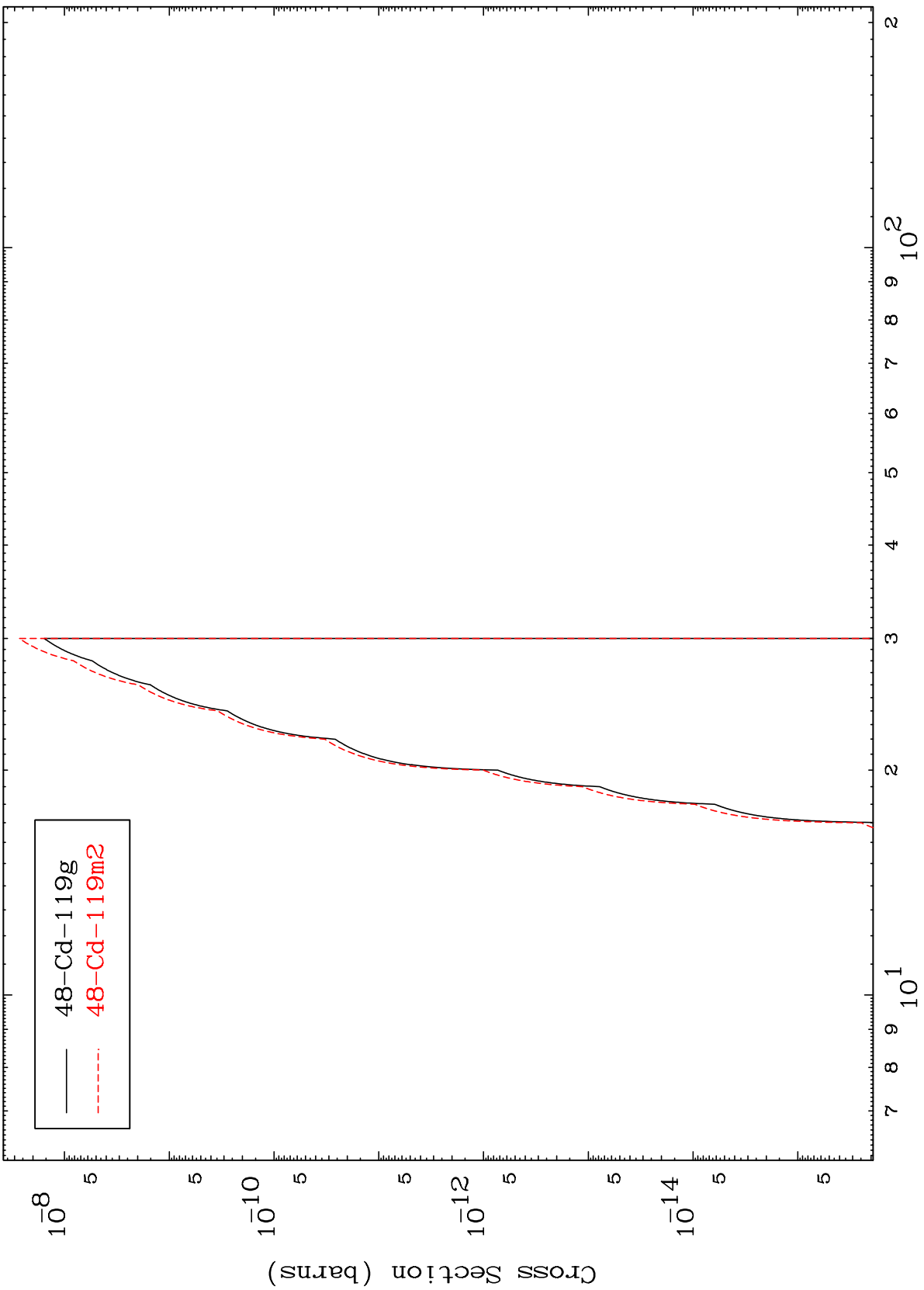


MAT 5058

(n,p)  $\alpha$

50-Sn-123

Radionuclide Production Cross Section

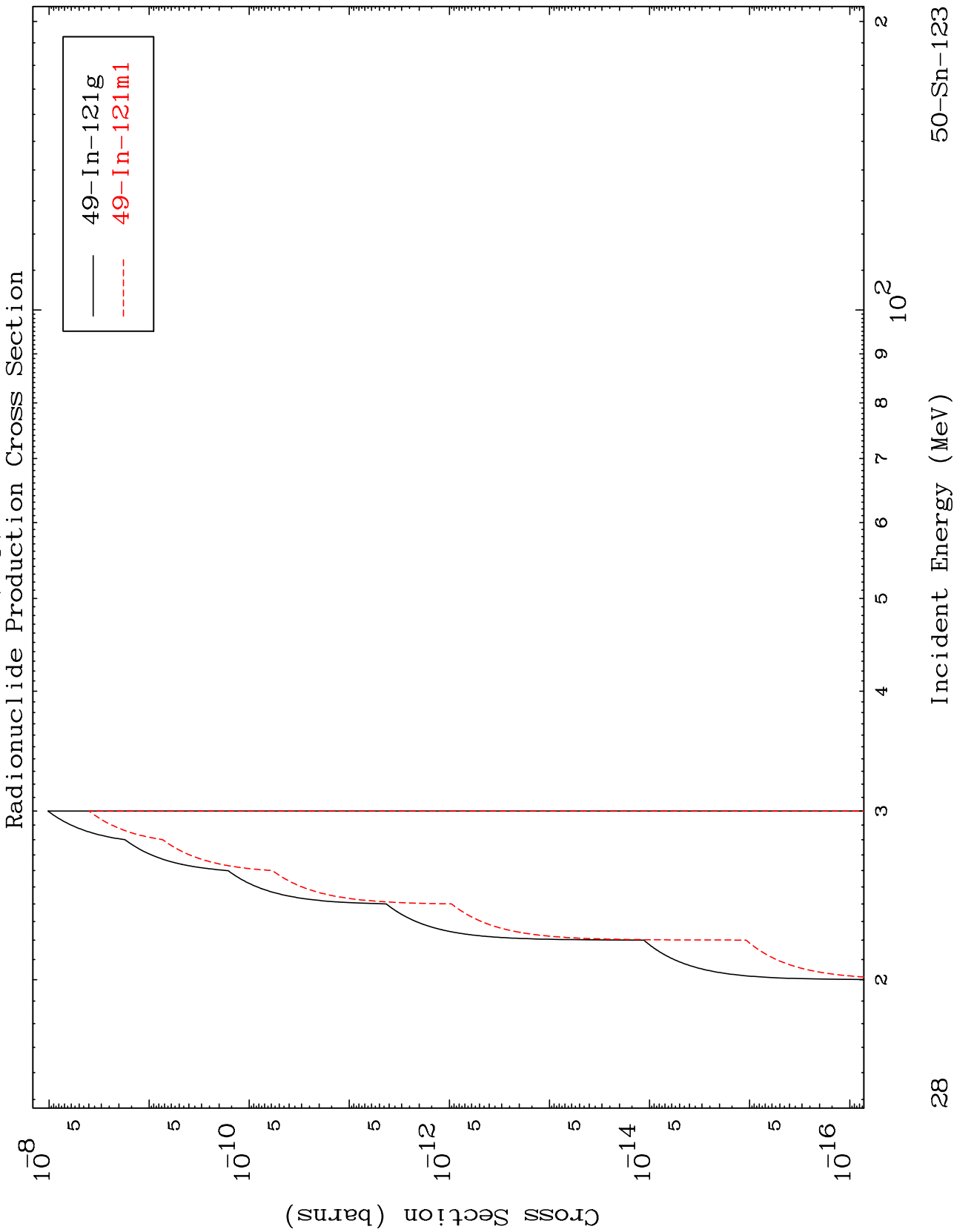


— 48-Cd-119g  
- - - 48-Cd-119m2

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(n,p) d

50-Sn-123



28

50-Sn-123

