

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

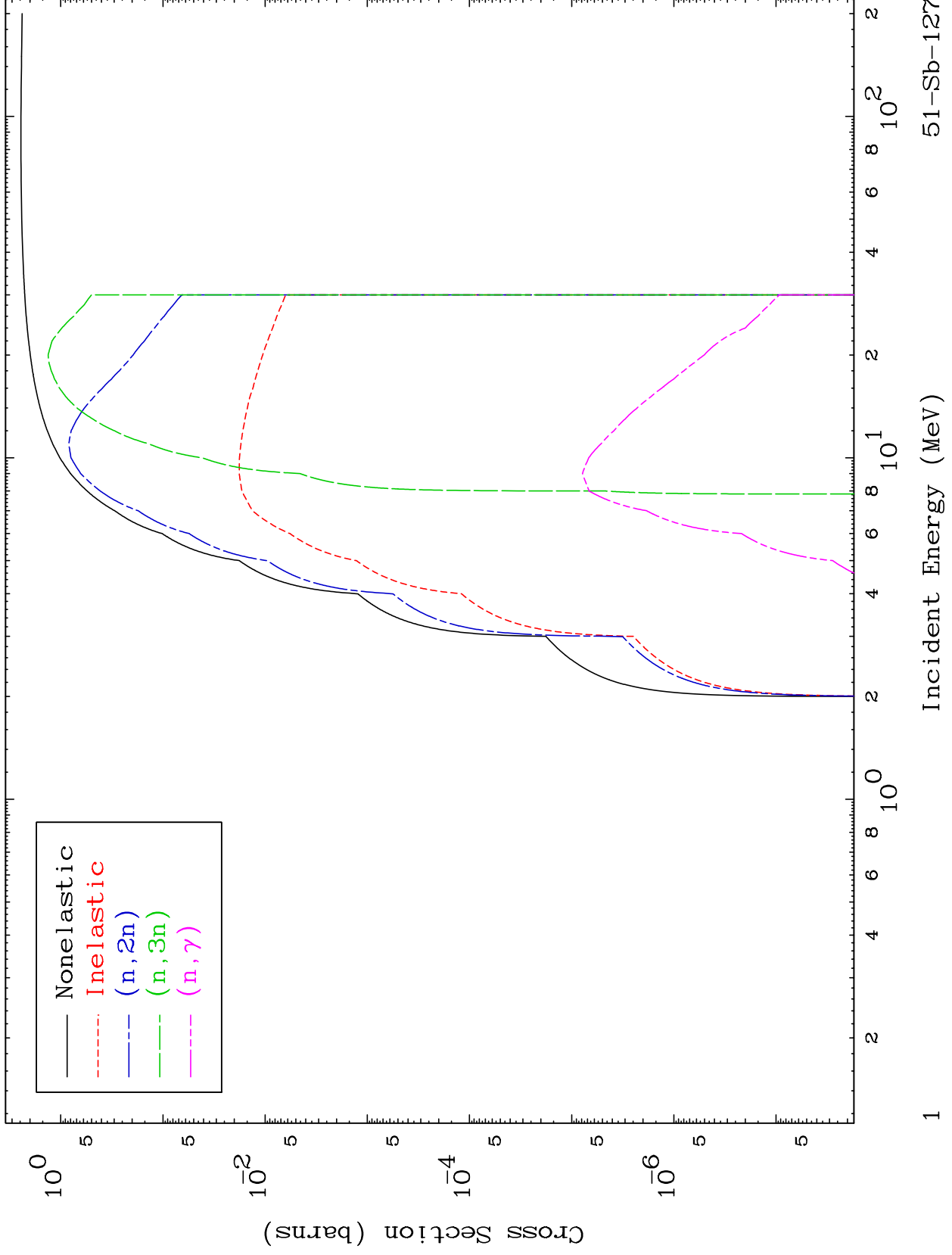
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

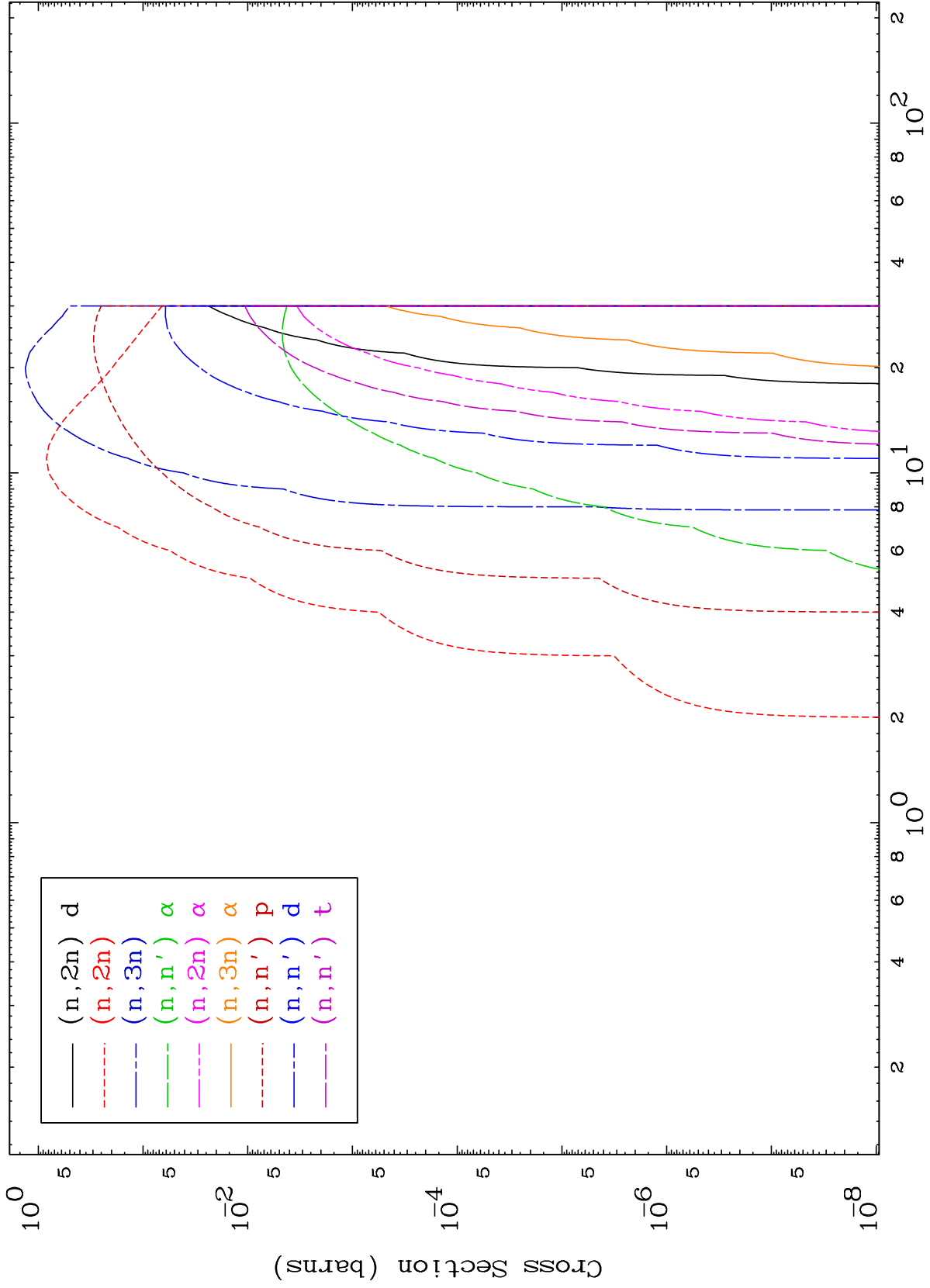
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

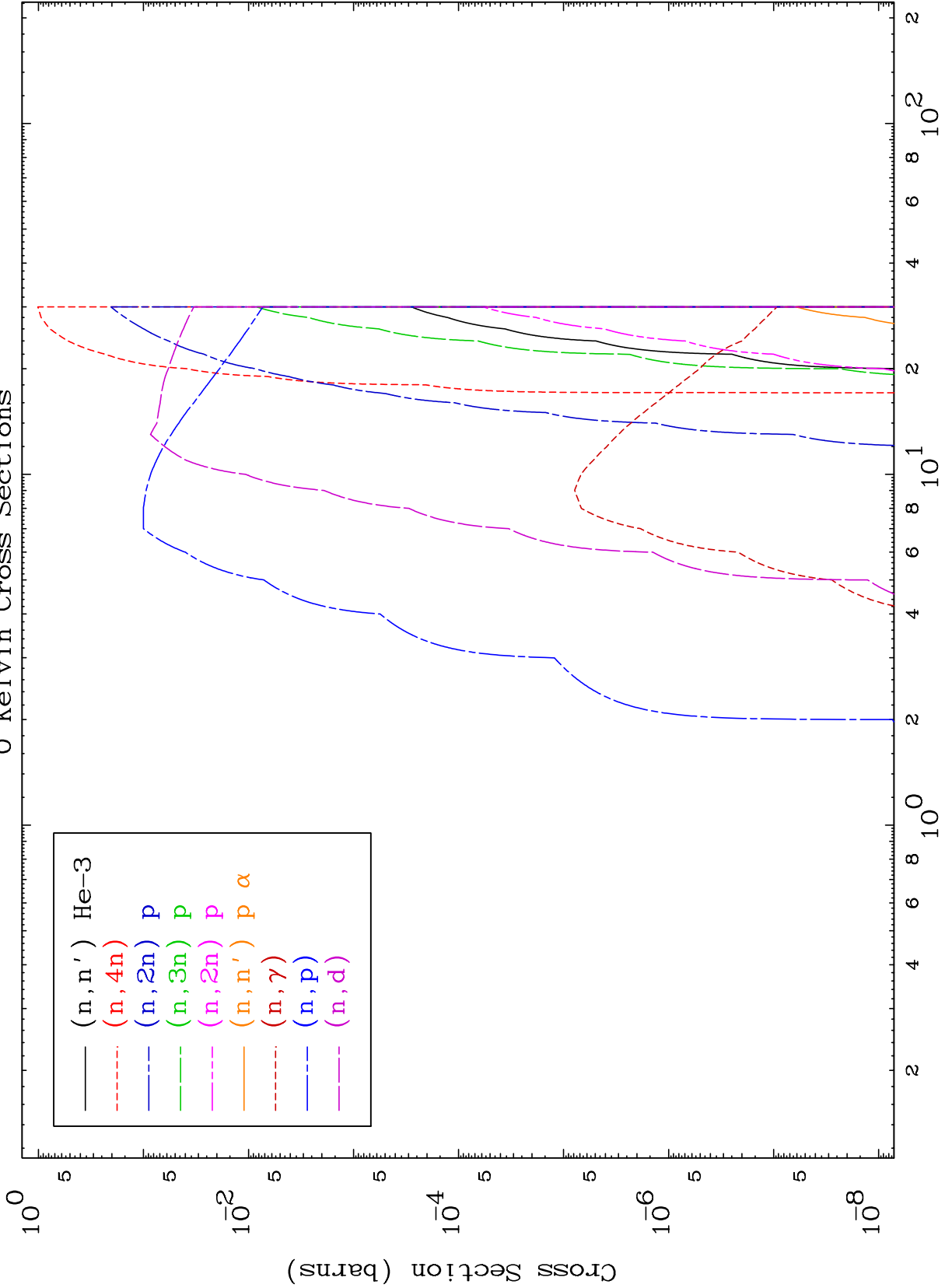




MAT 5143

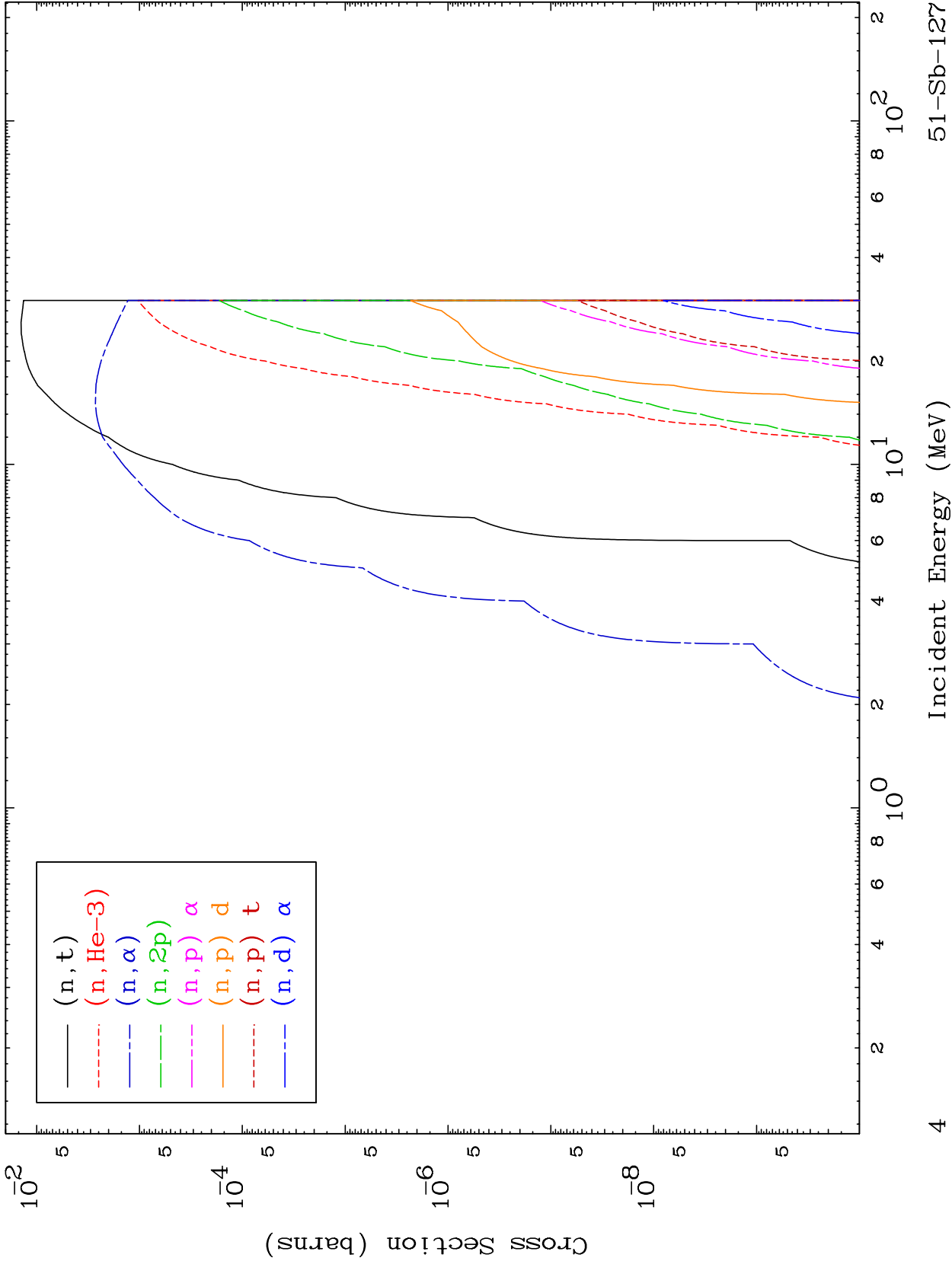
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

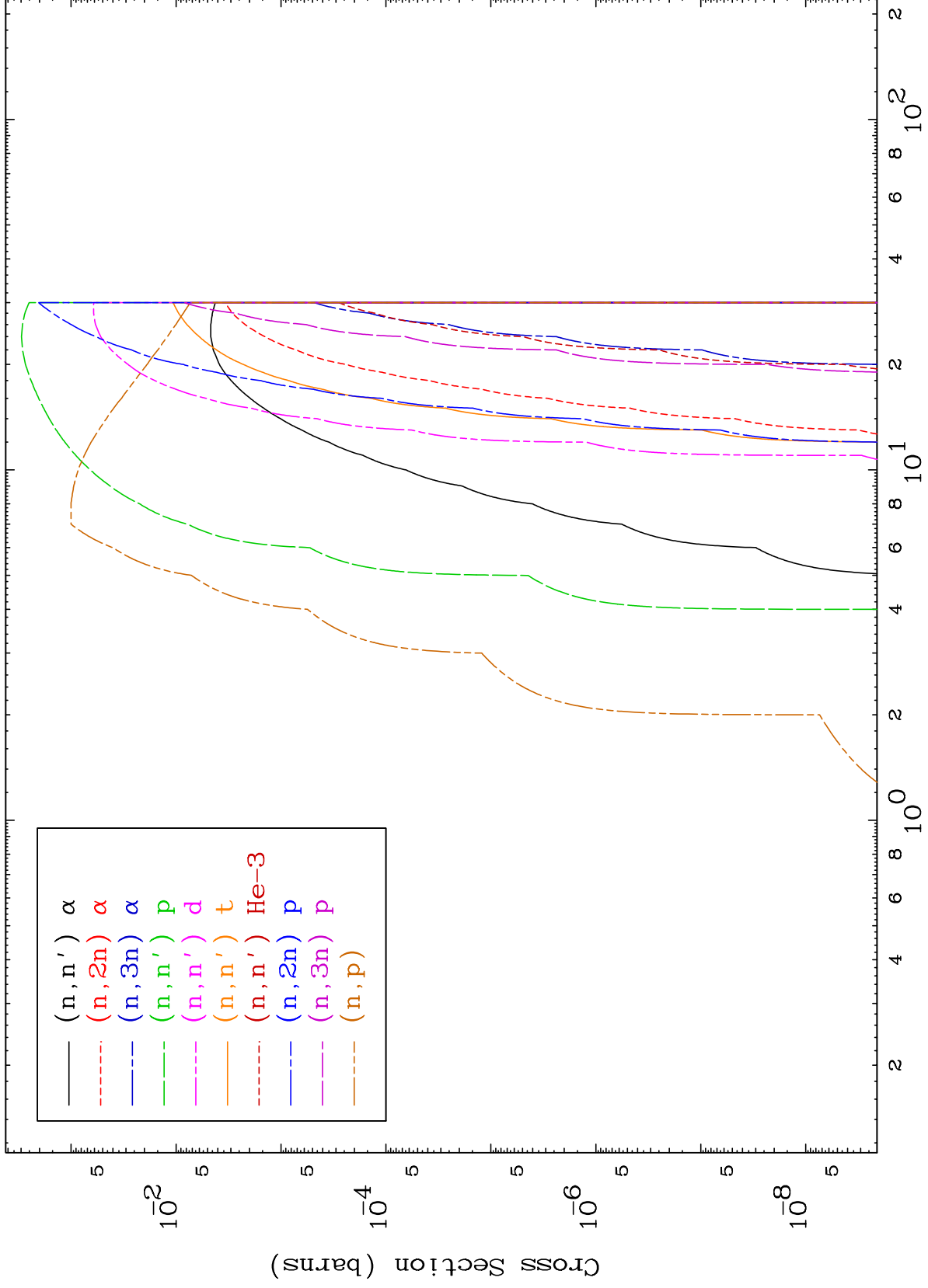
51-Sb-127

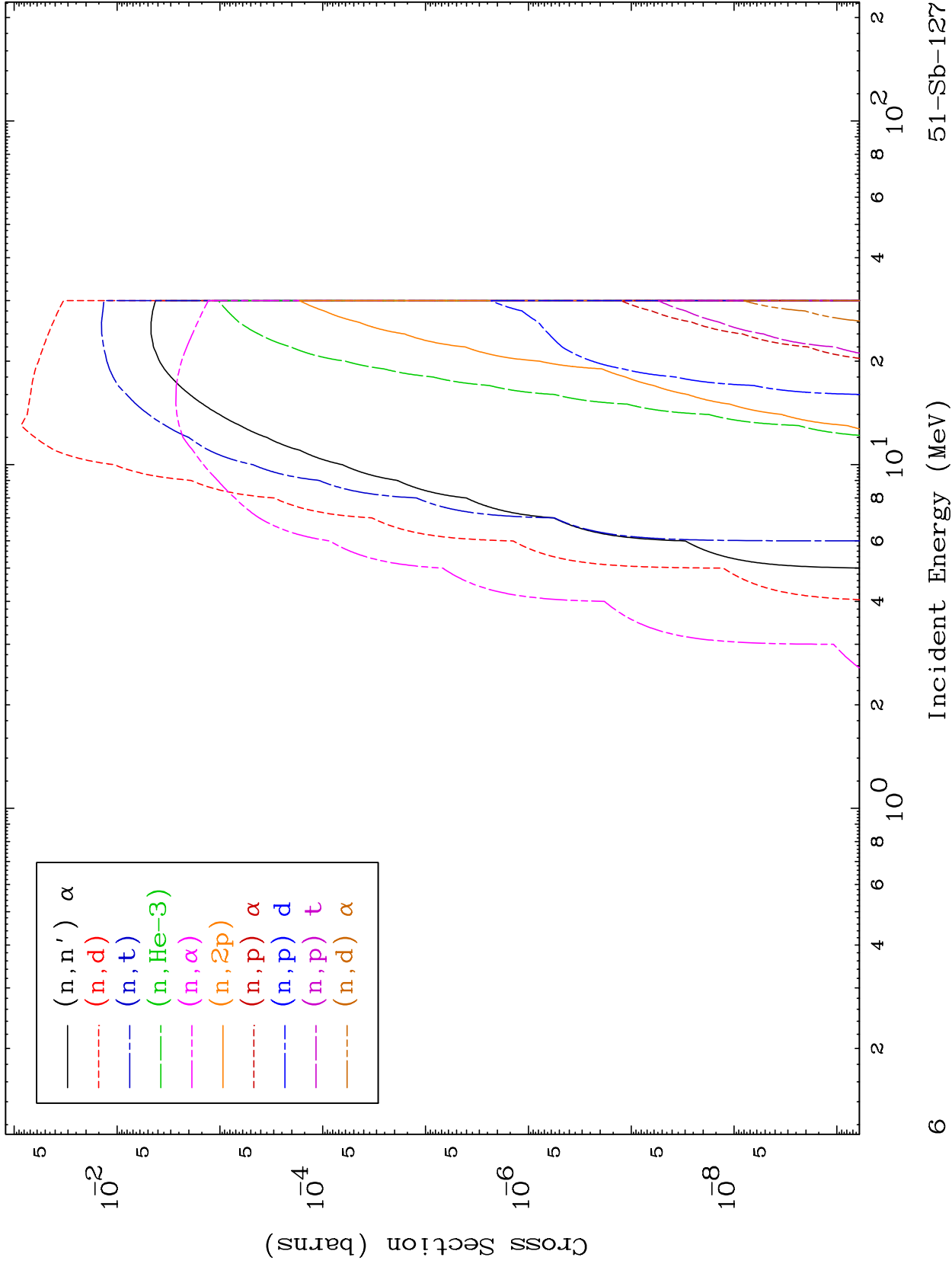


51-Sb-127

Incident Energy (MeV)



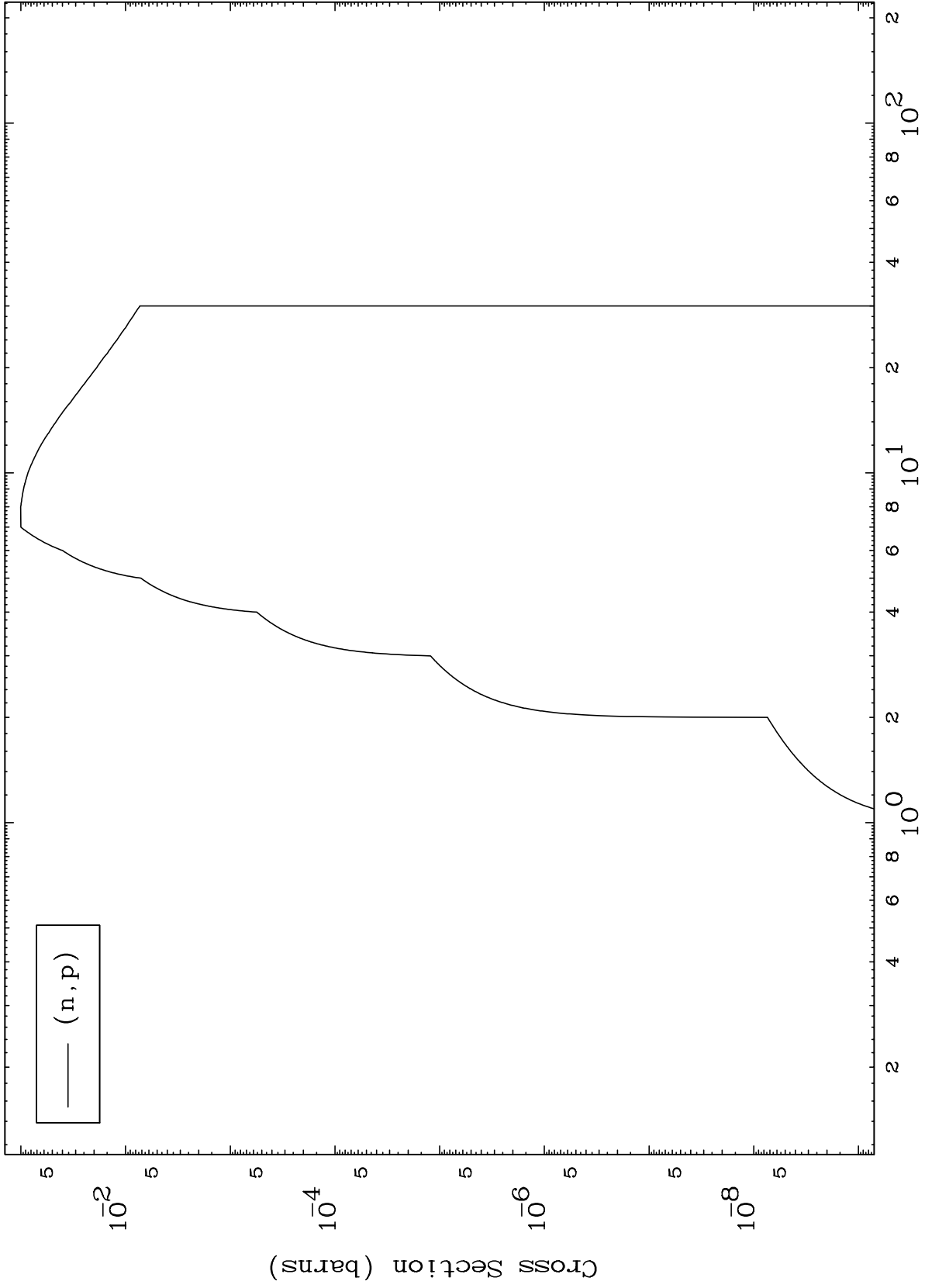




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(d,p) Levels  
0 Kelvin Cross Sections

51-Sb-127

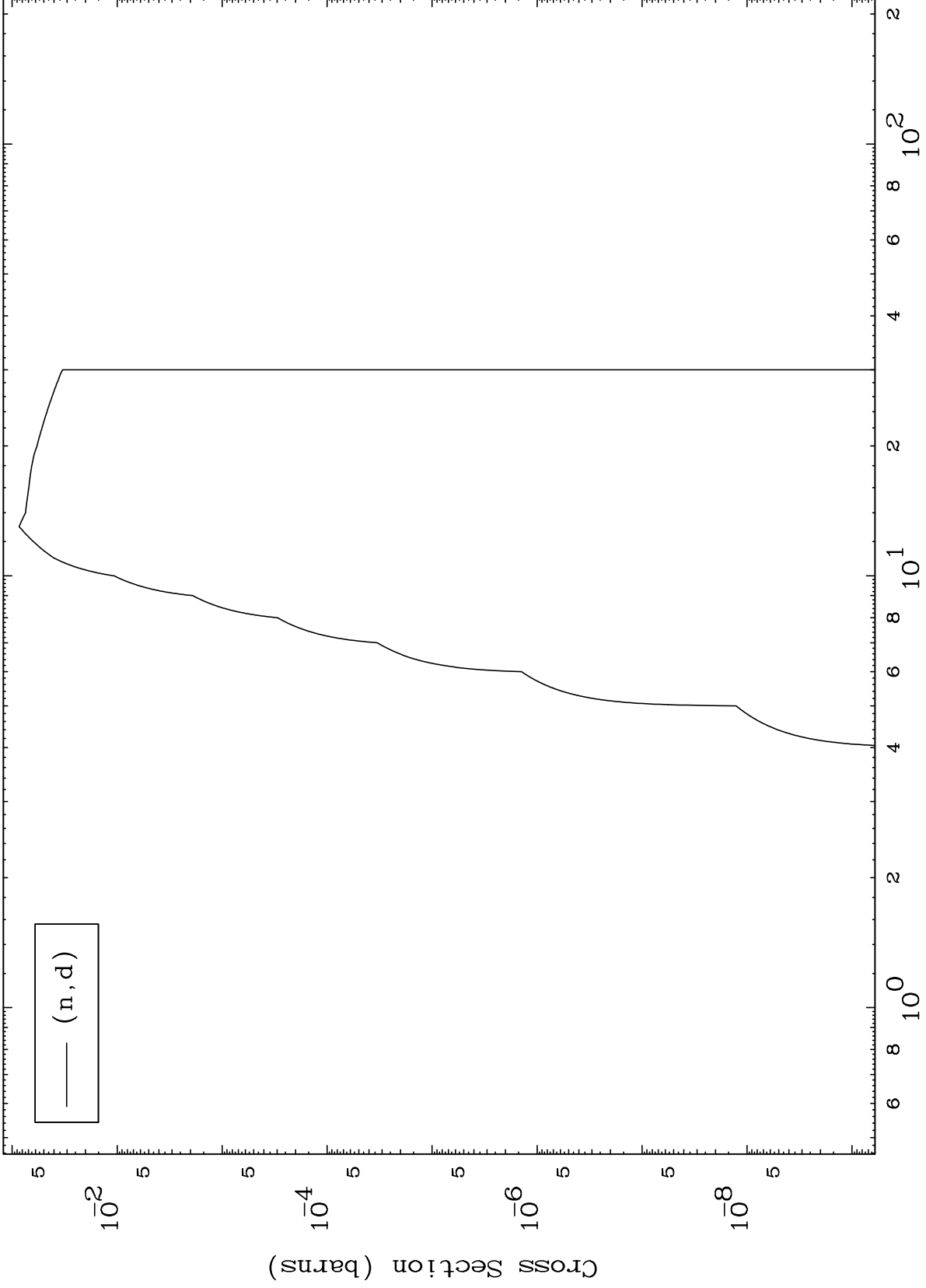




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51-Sb-127

(d,d) Levels  
0 Kelvin Cross Sections



51-Sb-127

Incident Energy (MeV)

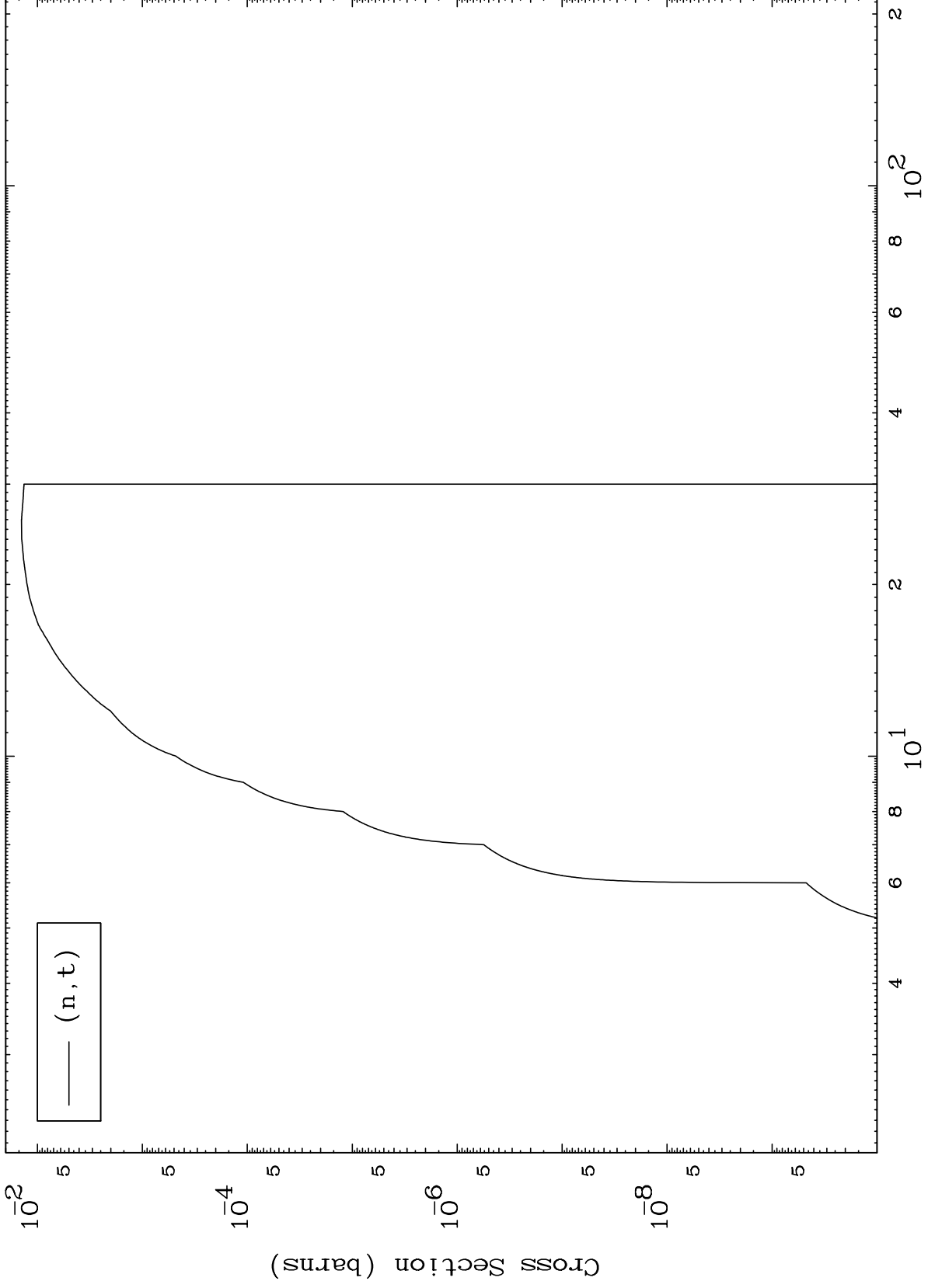
8

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(d,t) Levels

51-Sb-127

0 Kelvin Cross Sections

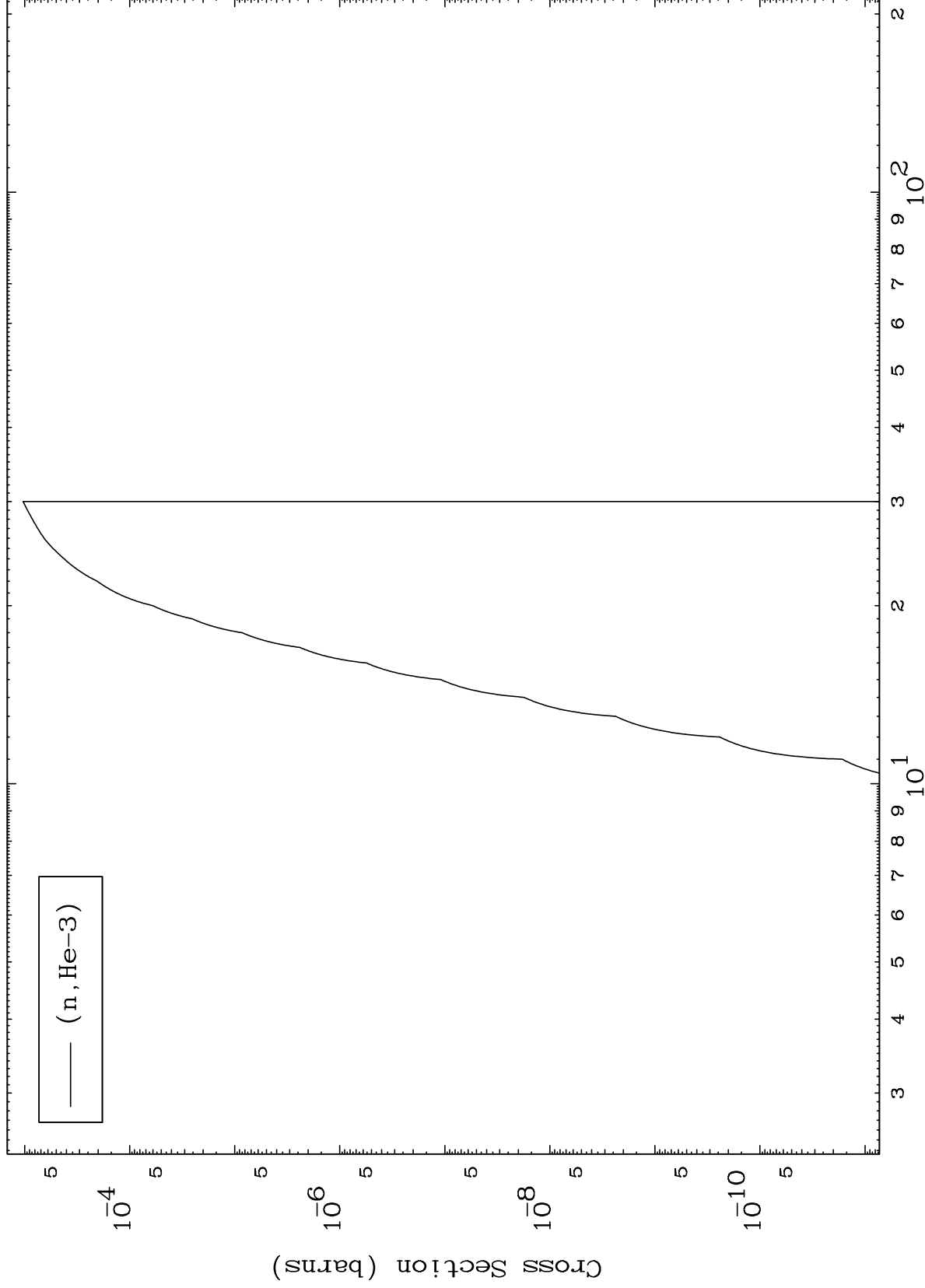


(n,t)

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(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-127



10

Incident Energy (MeV)

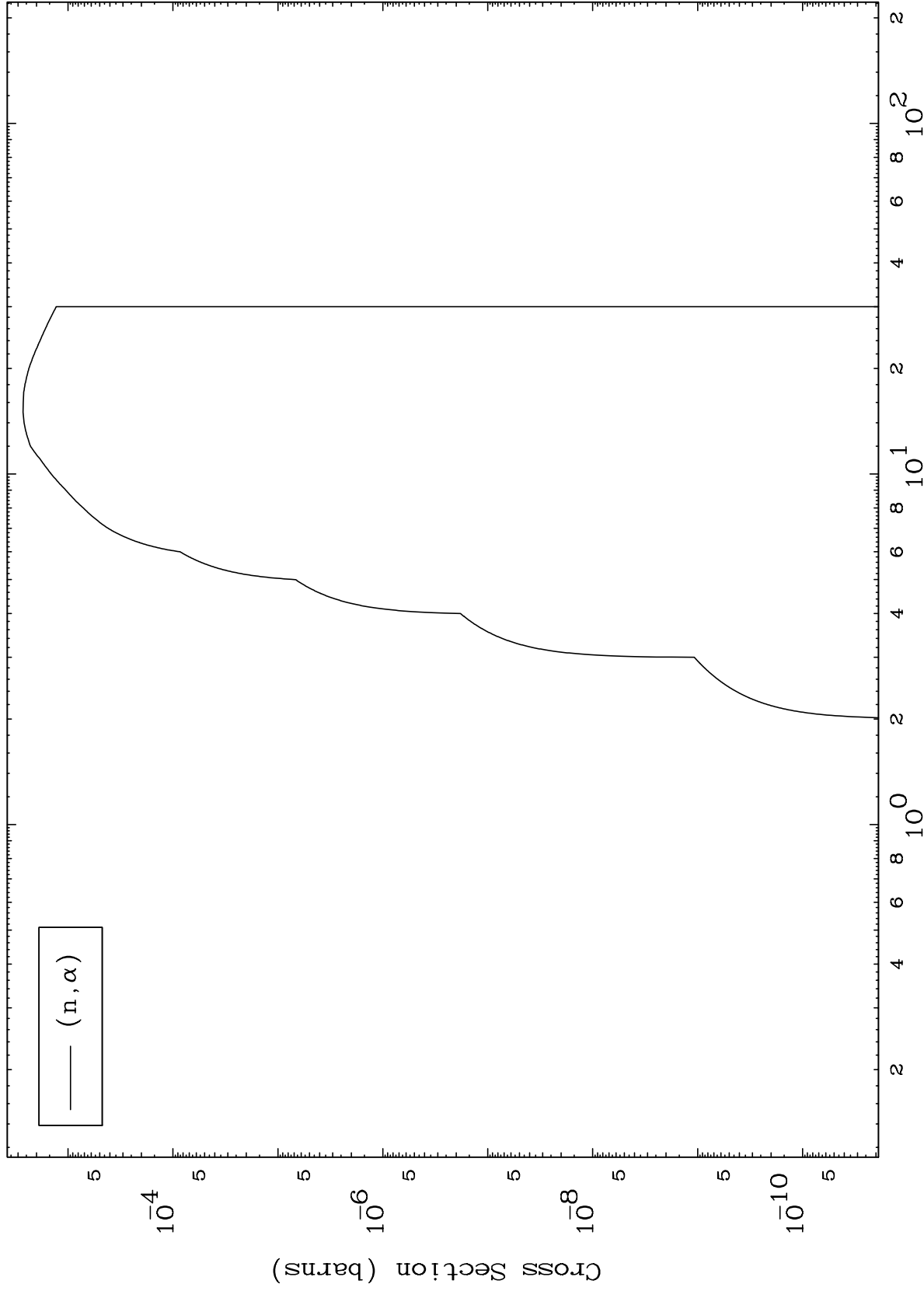
51-Sb-127

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(d,  $\alpha$ ) Levels

51-Sb-127

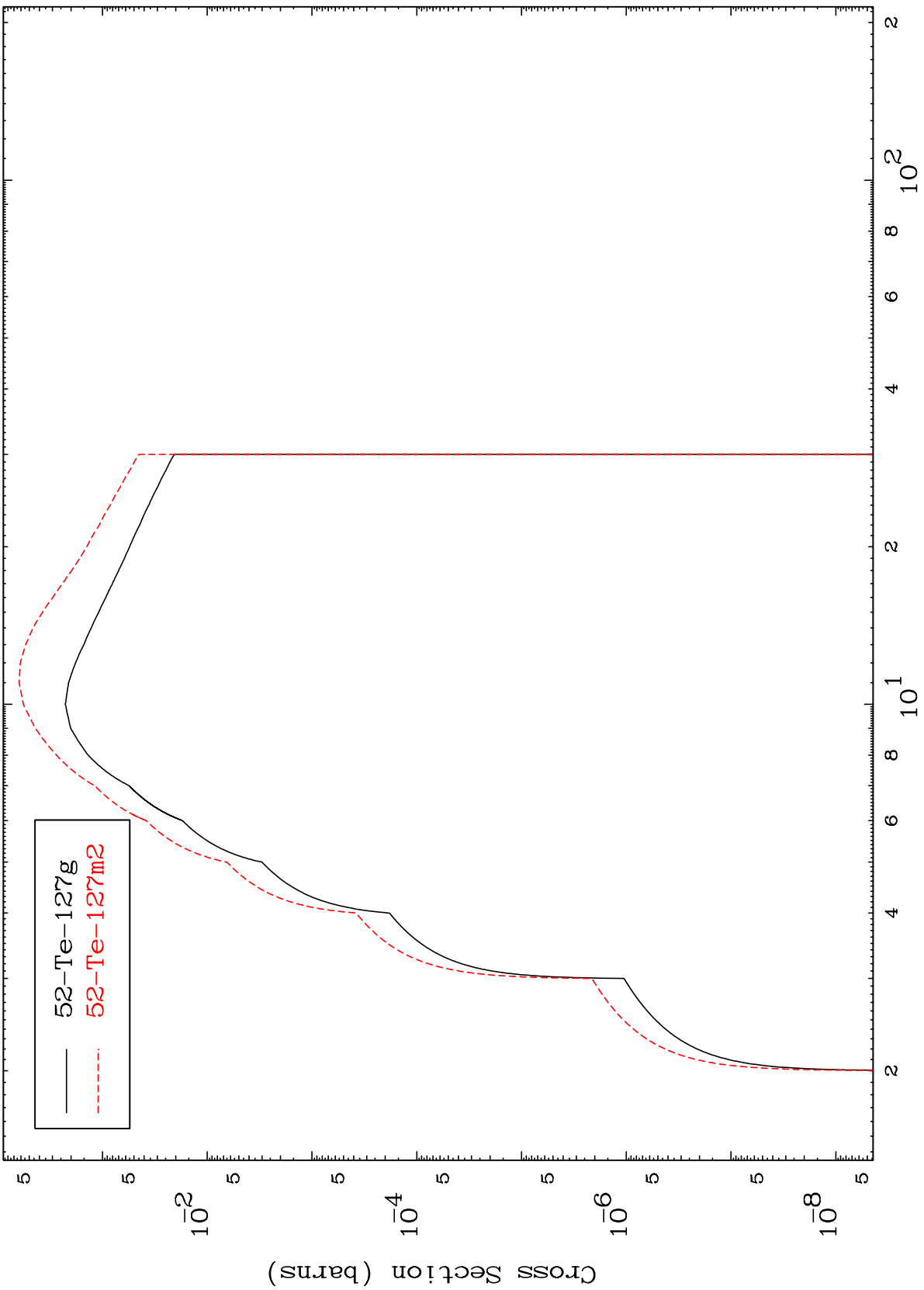
0 Kelvin Cross Sections



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51-Sb-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

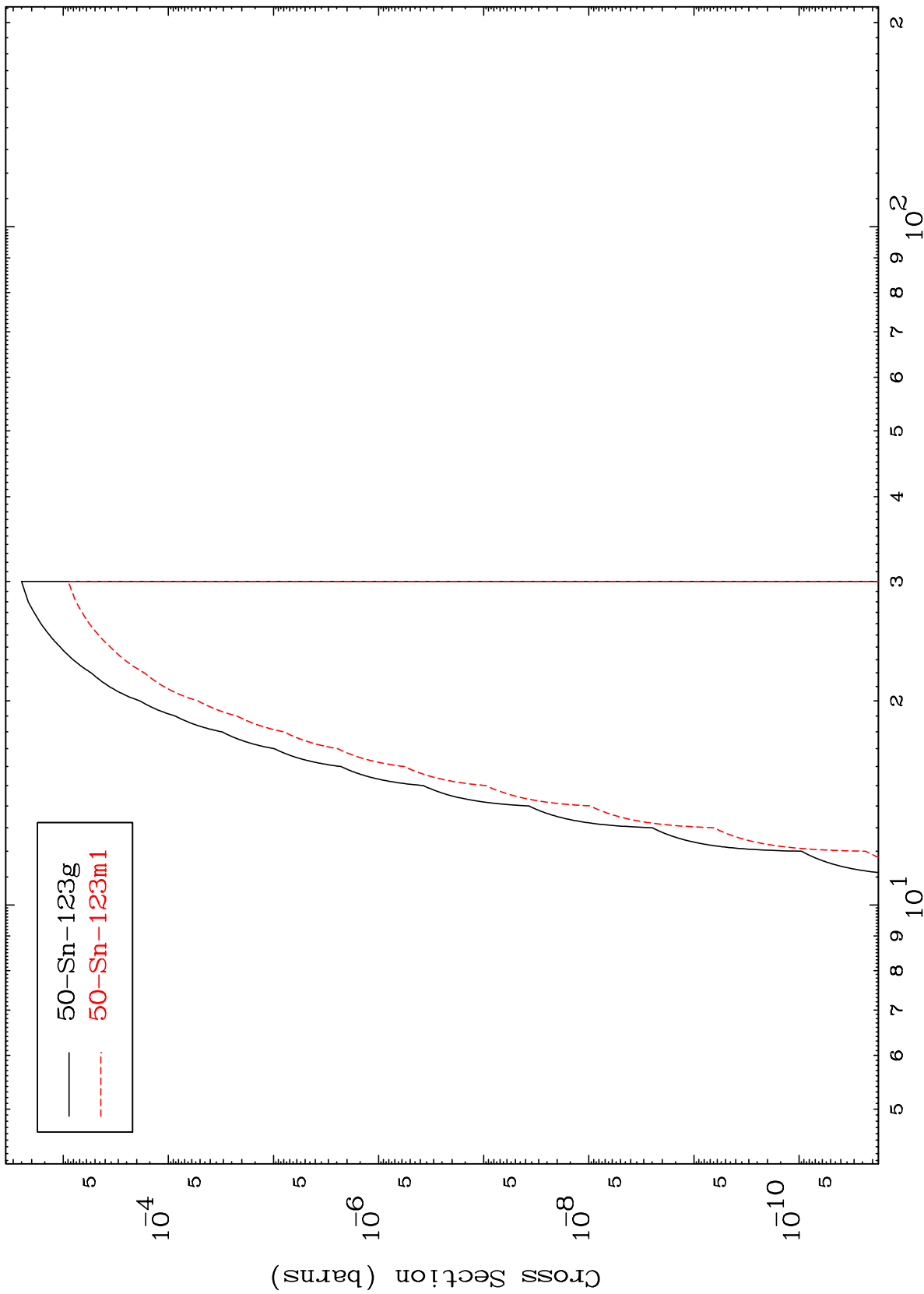
51-Sb-127

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(n,2n)  $\alpha$

51-Sb-127

Radionuclide Production Cross Section



13

Incident Energy (MeV)

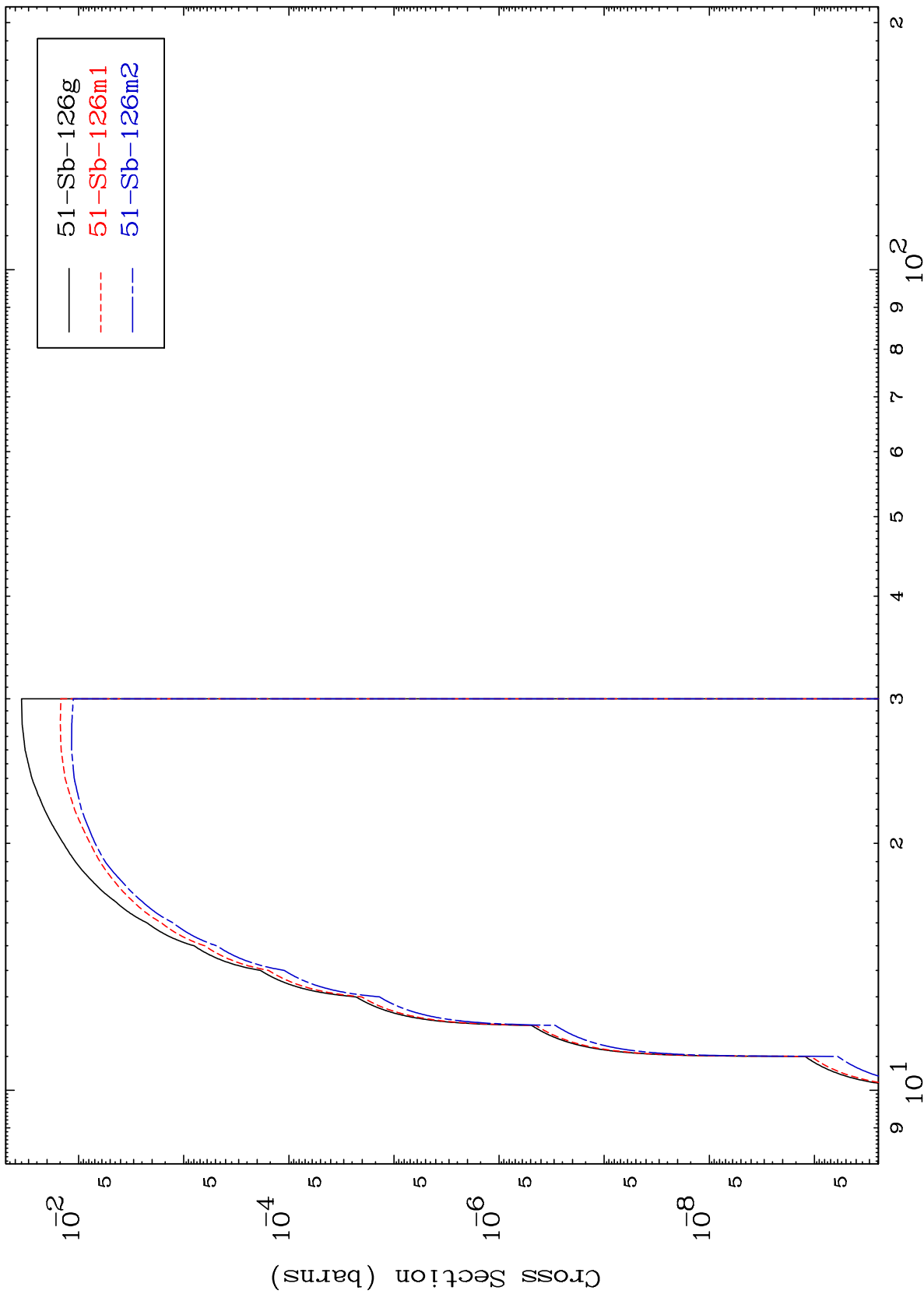
51-Sb-127

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(n,n') d

51-Sb-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

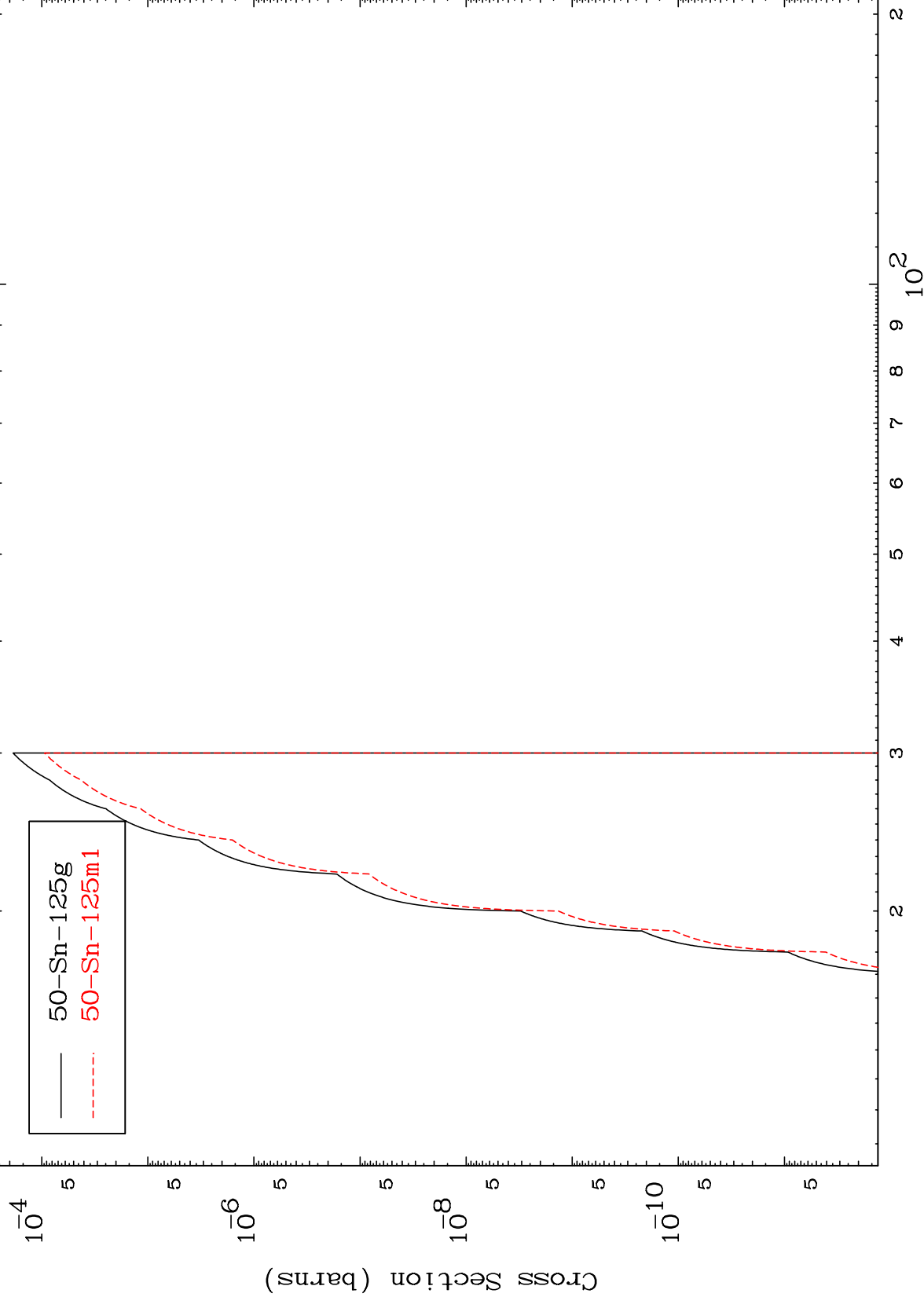
51-Sb-127

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(n,n') He-3

51-Sb-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

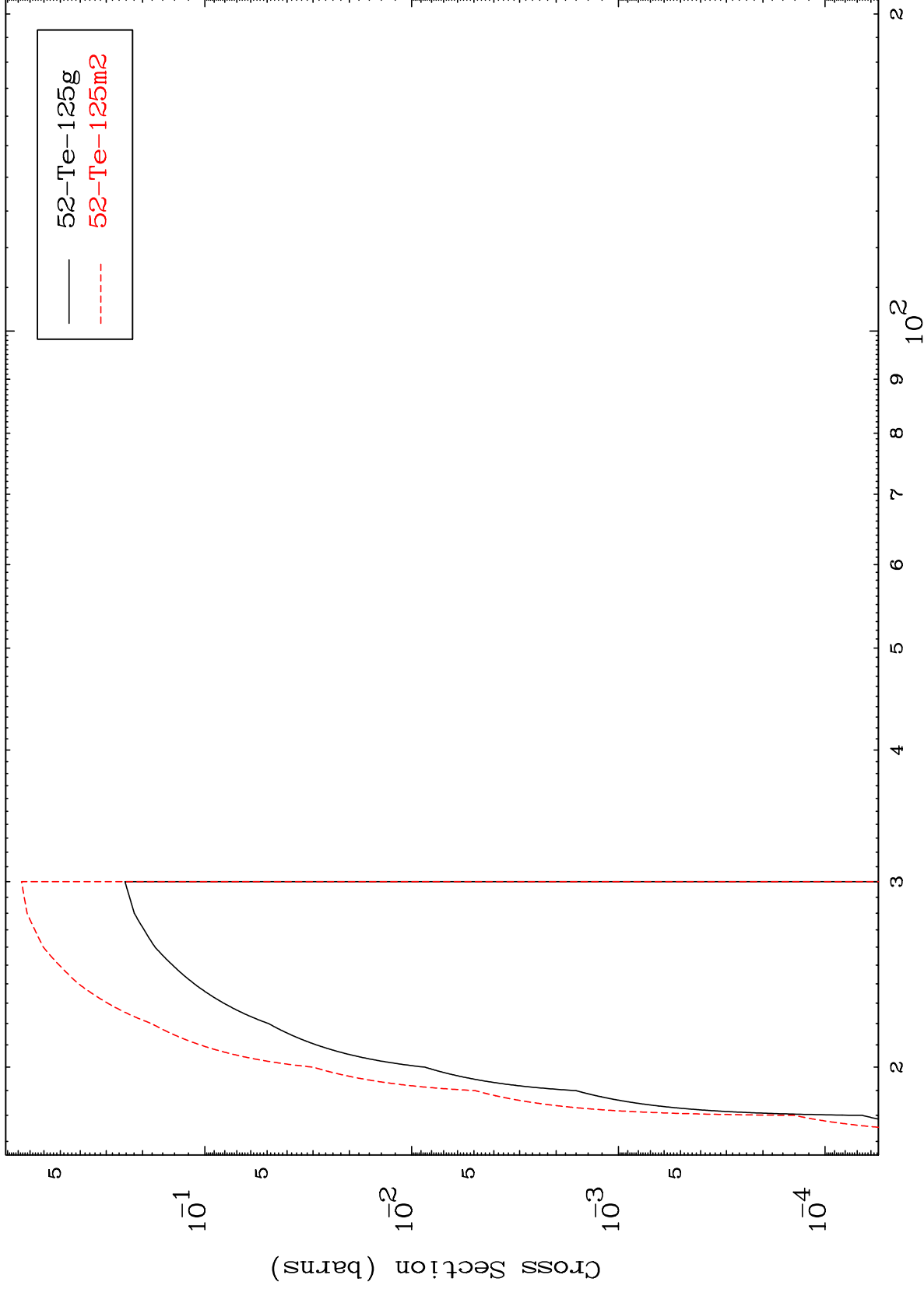
51-Sb-127



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51-Sb-127

(n,4n)  
Radionuclide Production Cross Section

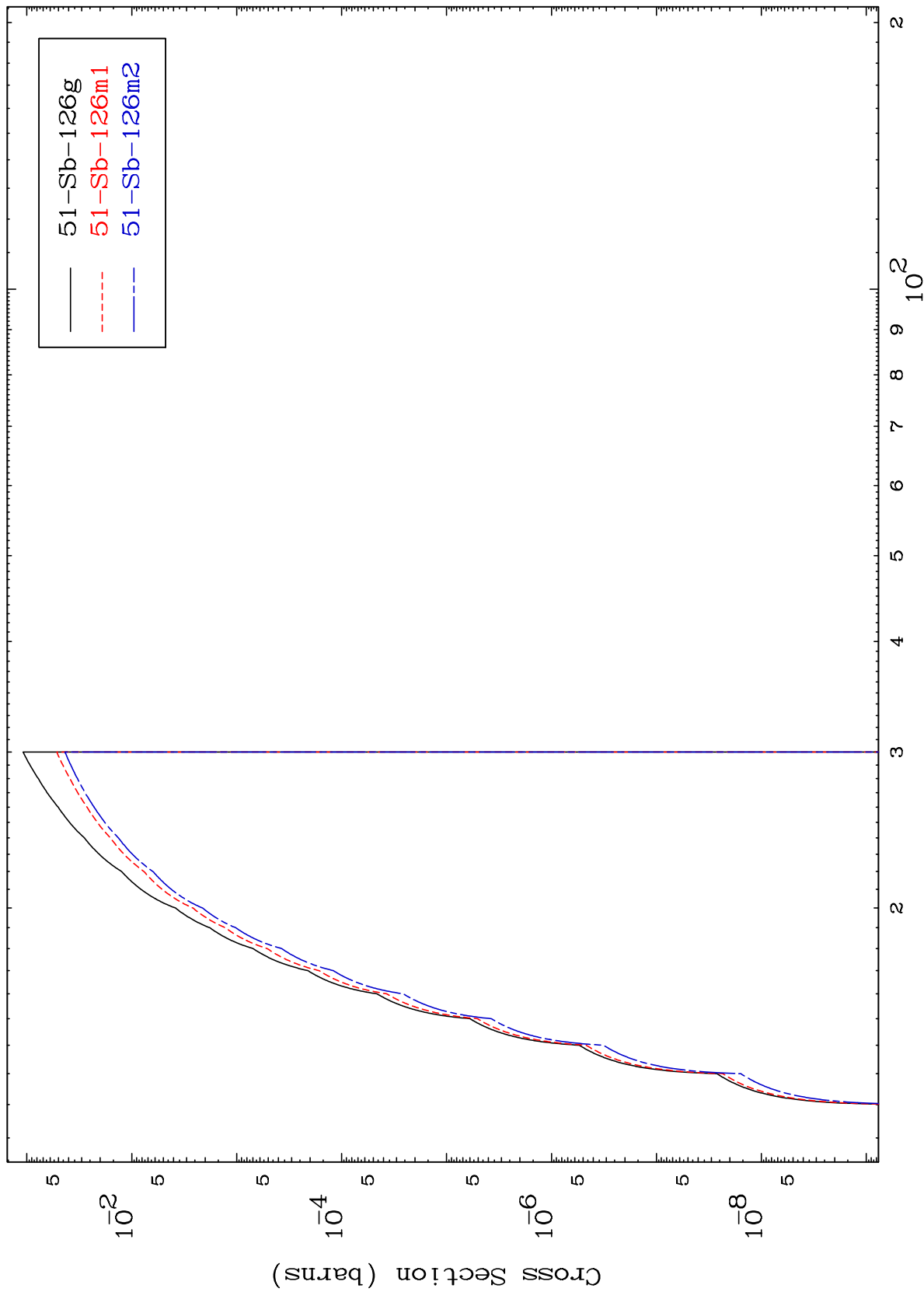


16

Incident Energy (MeV)

51-Sb-127

Radionuclide Production Cross Section

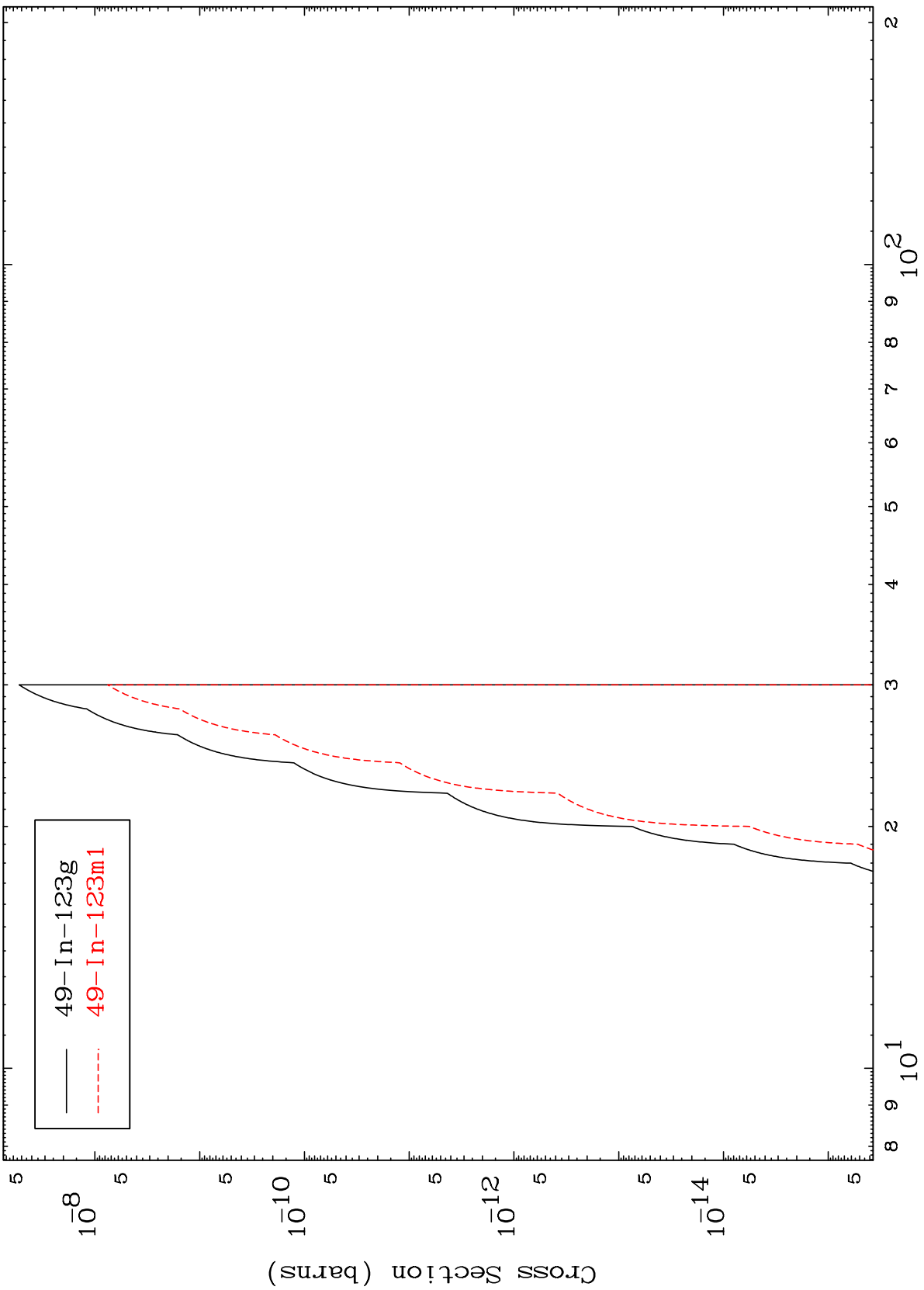


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(n,n') p  $\alpha$

51-Sb-127

Radionuclide Production Cross Section



18

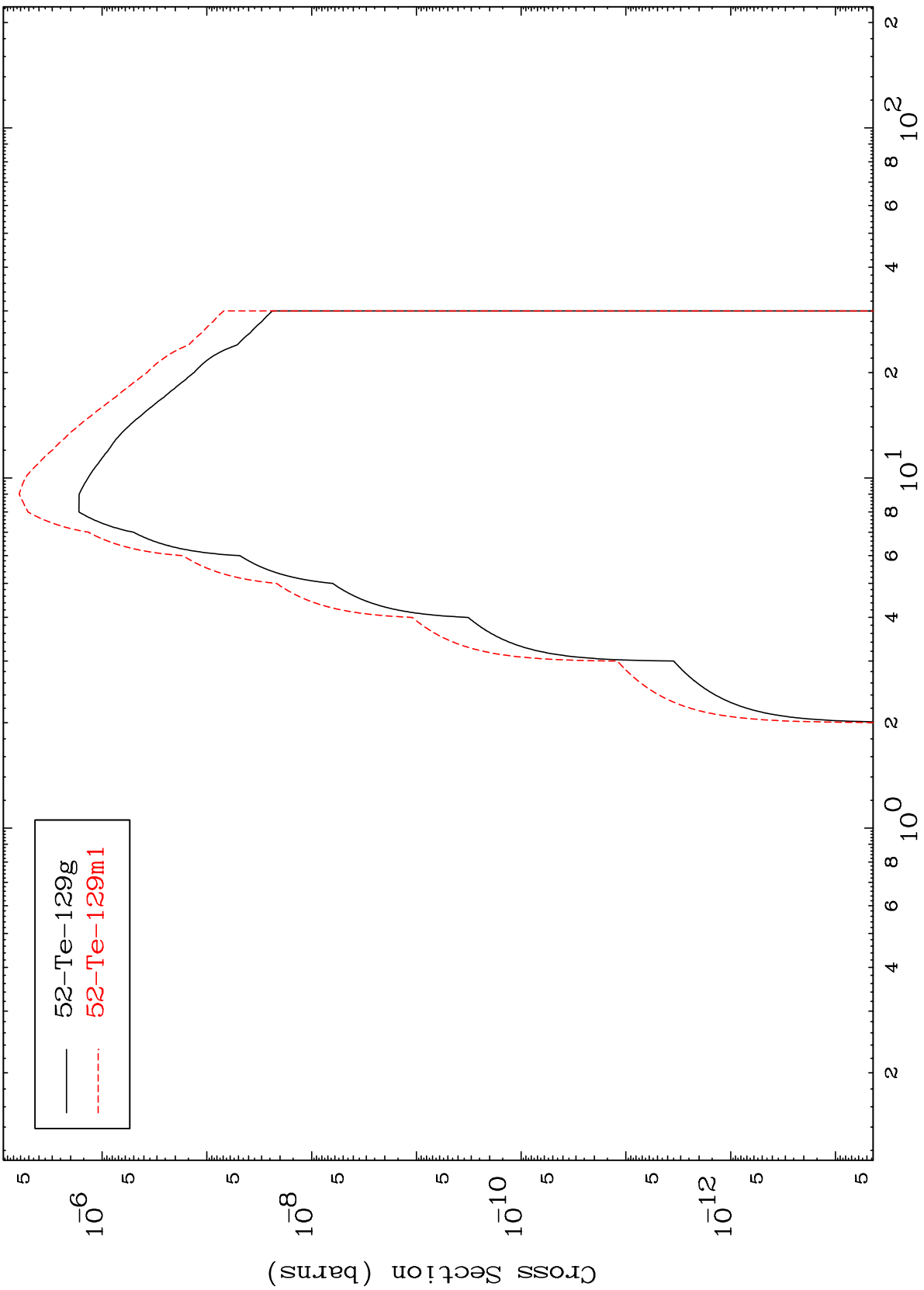
Incident Energy (MeV)

51-Sb-127

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51-Sb-127

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

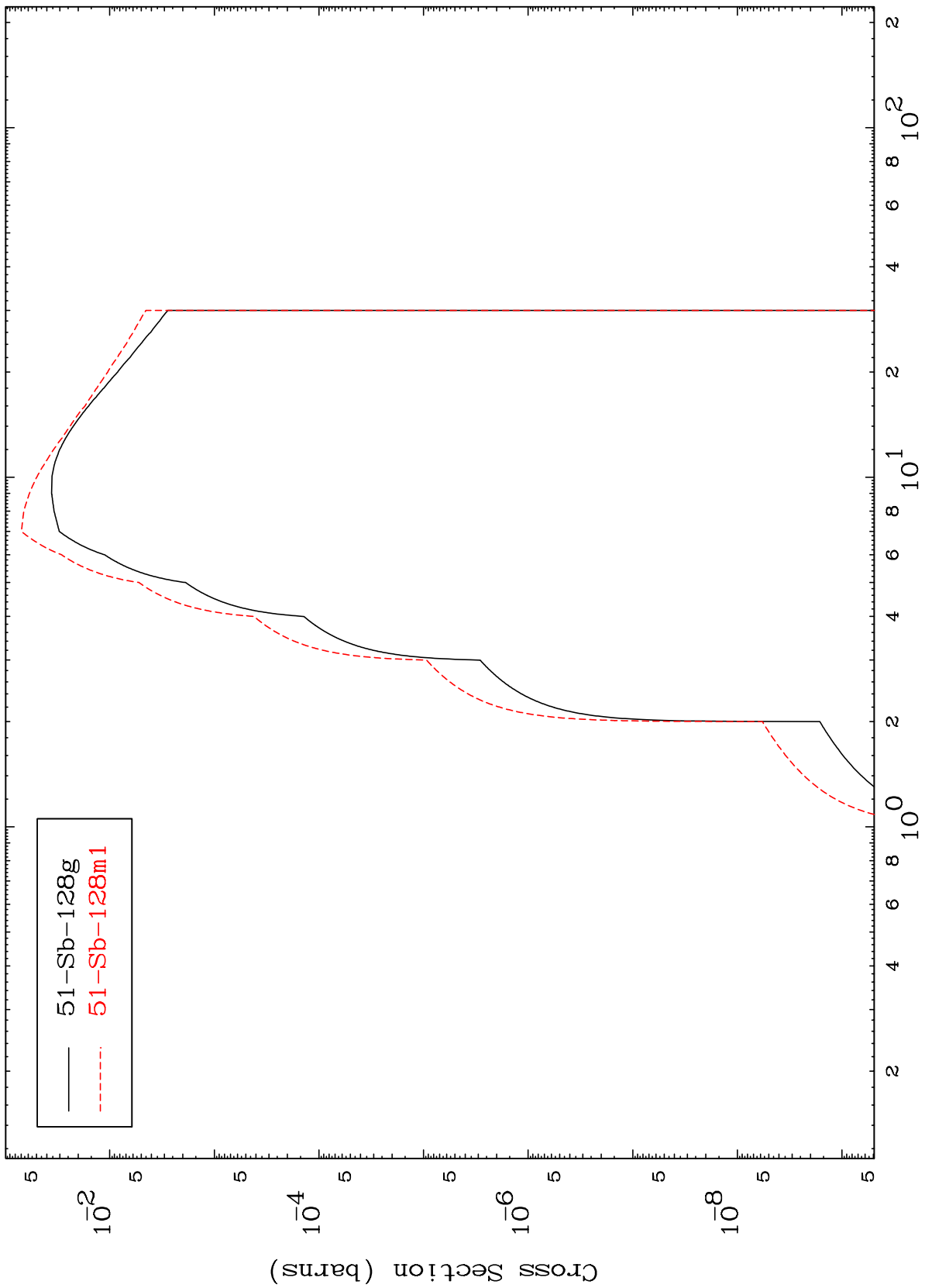


52-Te-129g  
52-Te-129m1

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51-Sb-127

(n,p)  
Radionuclide Production Cross Section

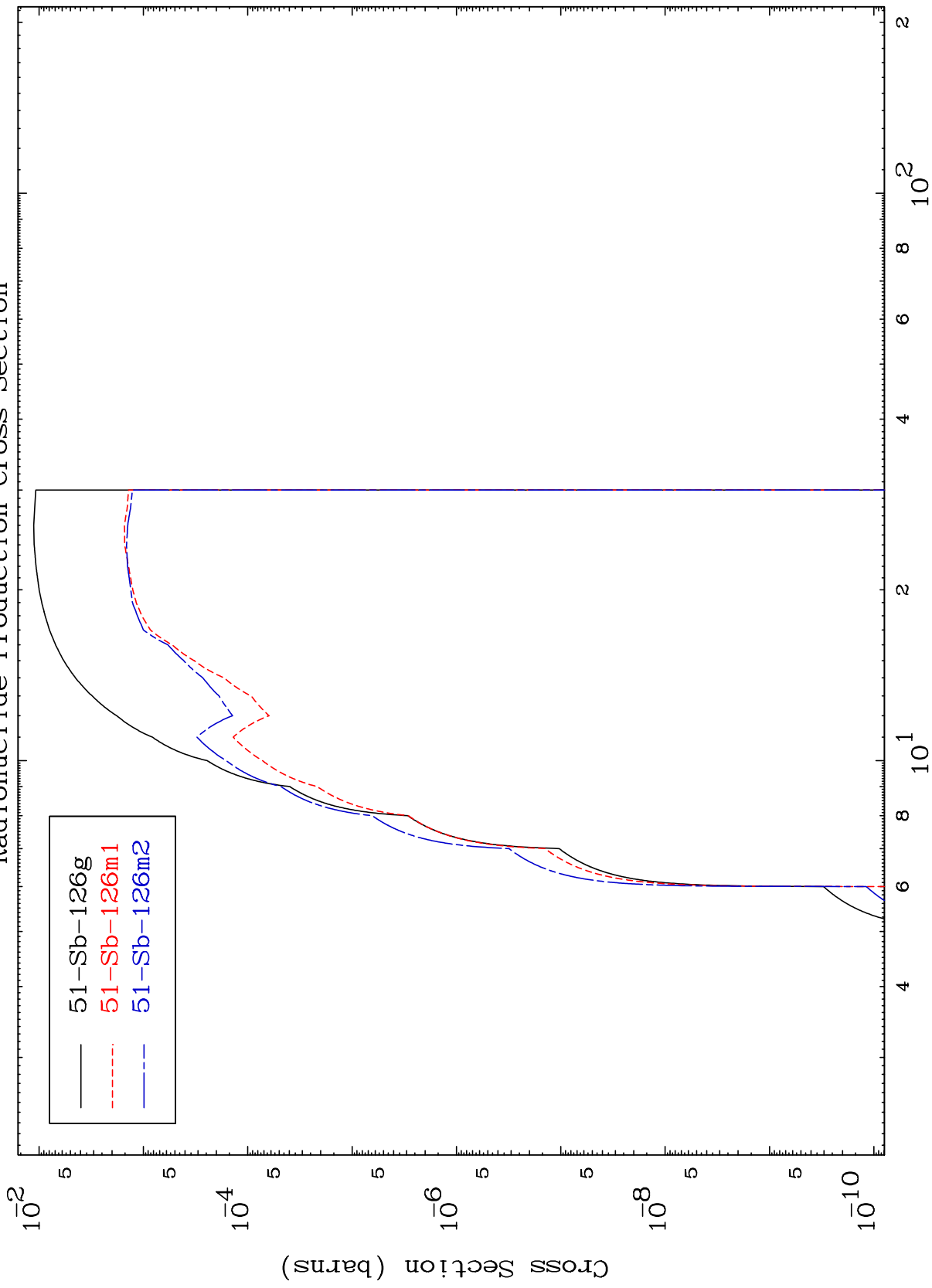


51-Sb-128g  
51-Sb-128m1

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51-Sb-127

Radionuclide Production Cross Section



51-Sb-127

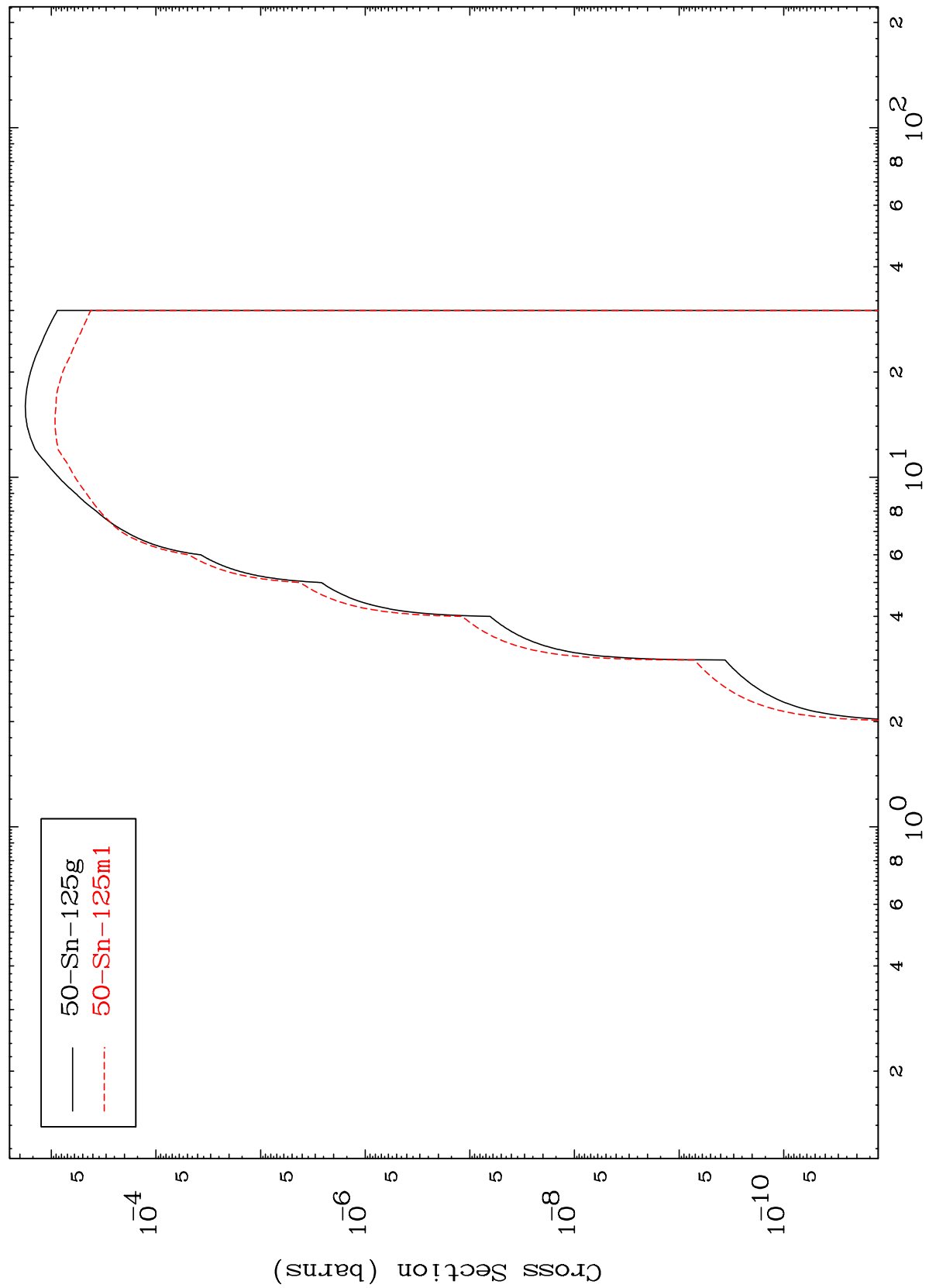
Incident Energy (MeV)

21

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51-Sb-127

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



51-Sb-127

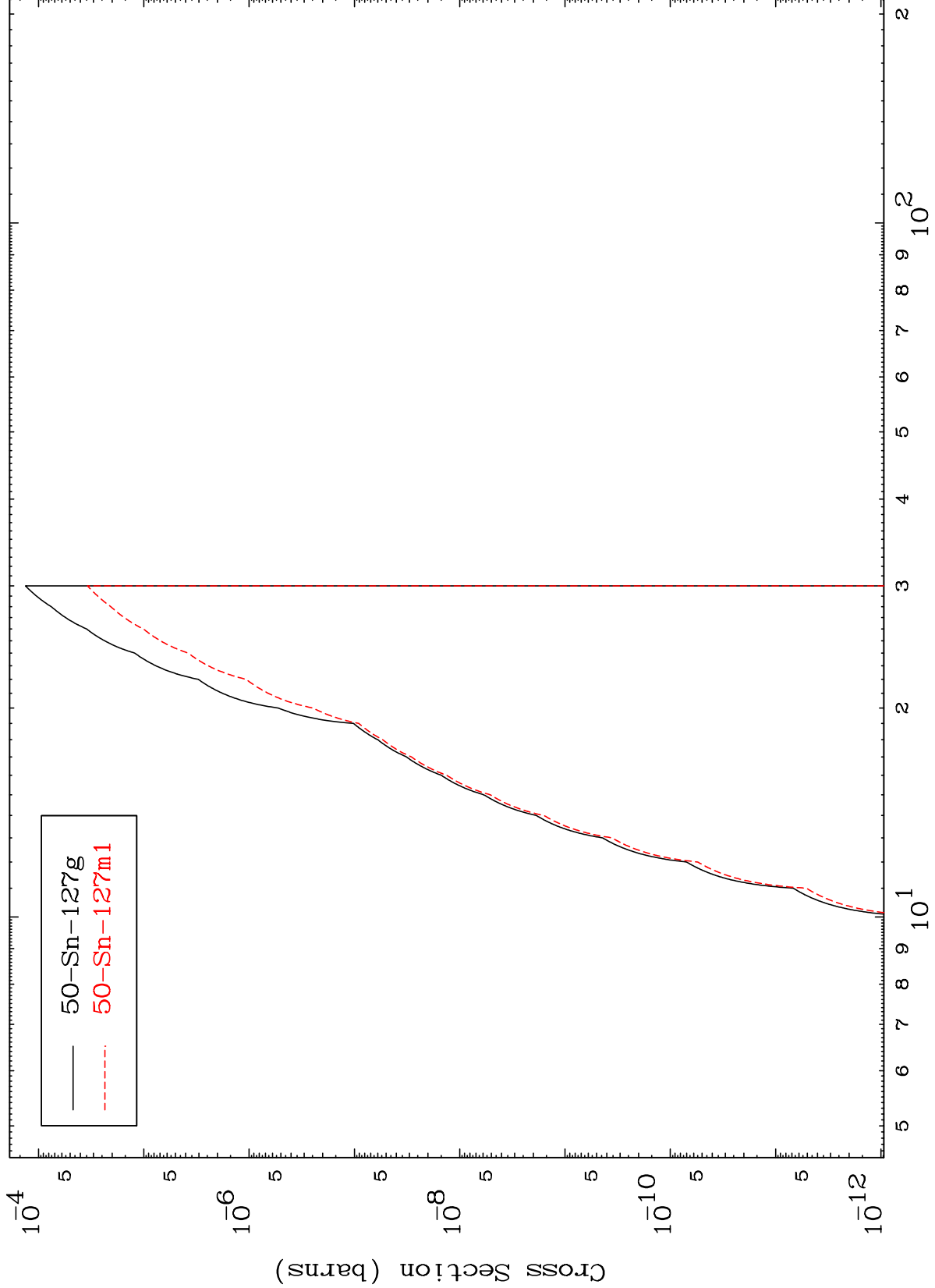
Incident Energy (MeV)

22

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51-Sb-127

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-127

23

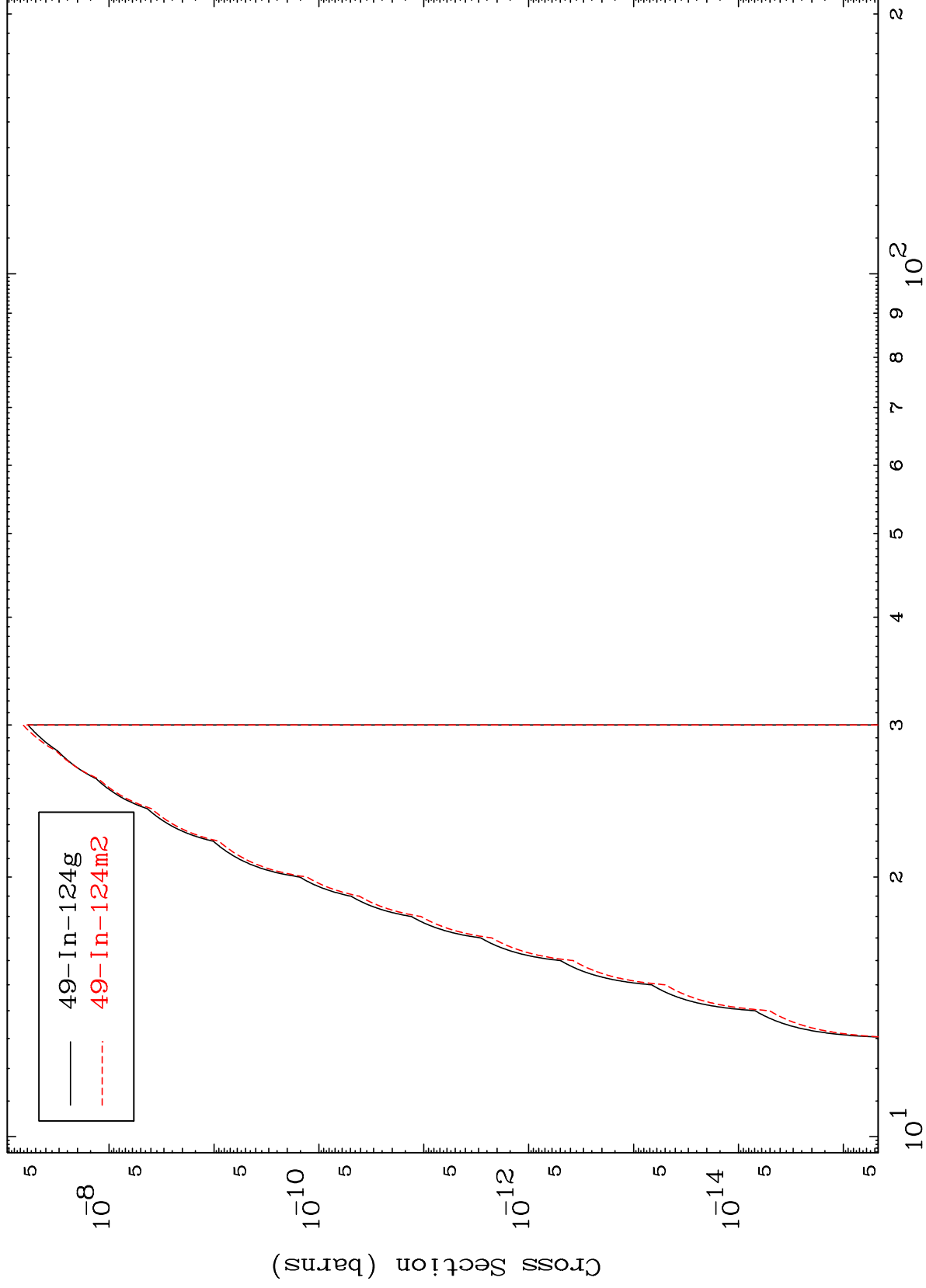


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(n,p)  $\alpha$

51-Sb-127

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-127

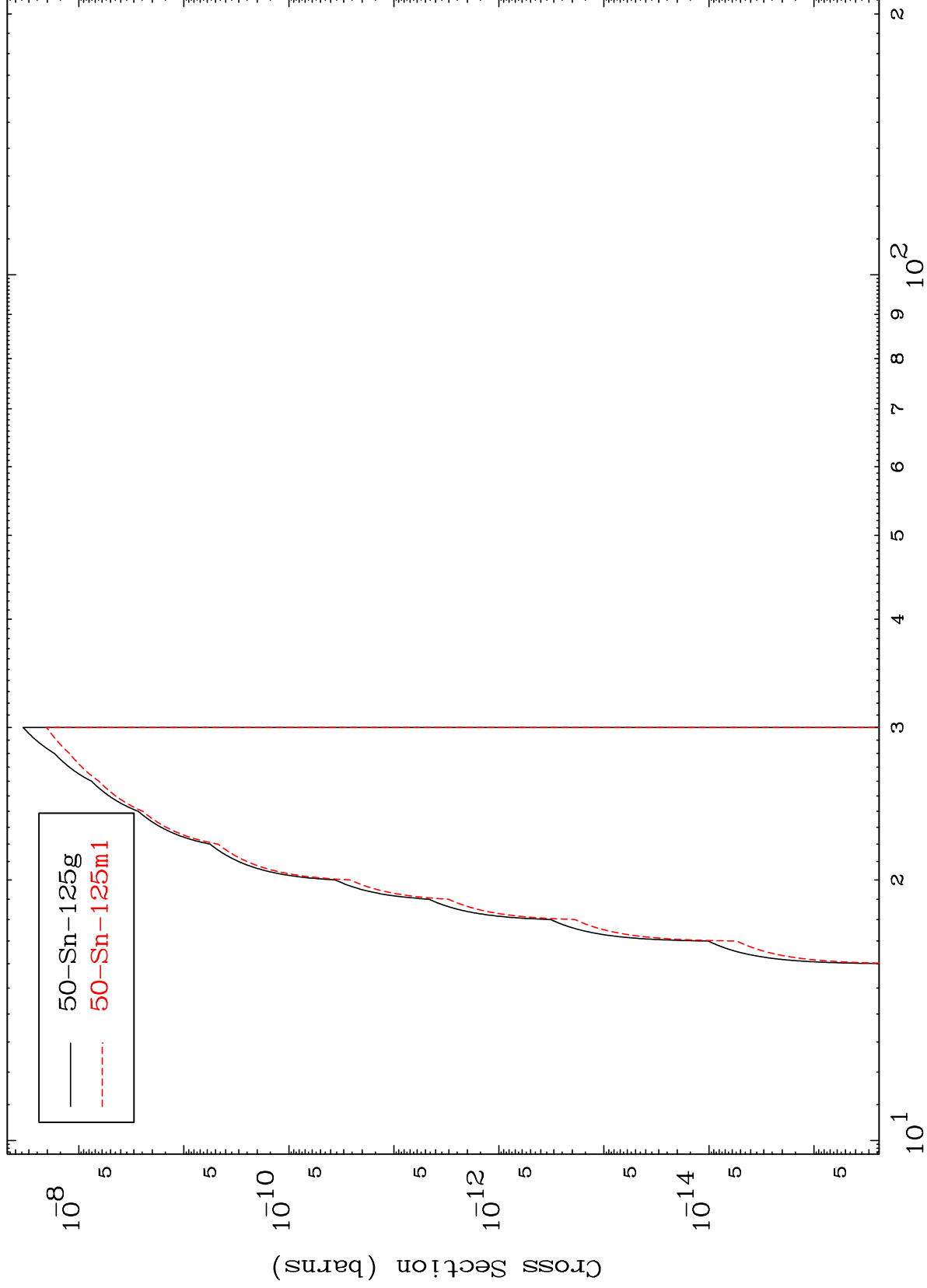
24

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(n,p) t

51-Sb-127

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-127

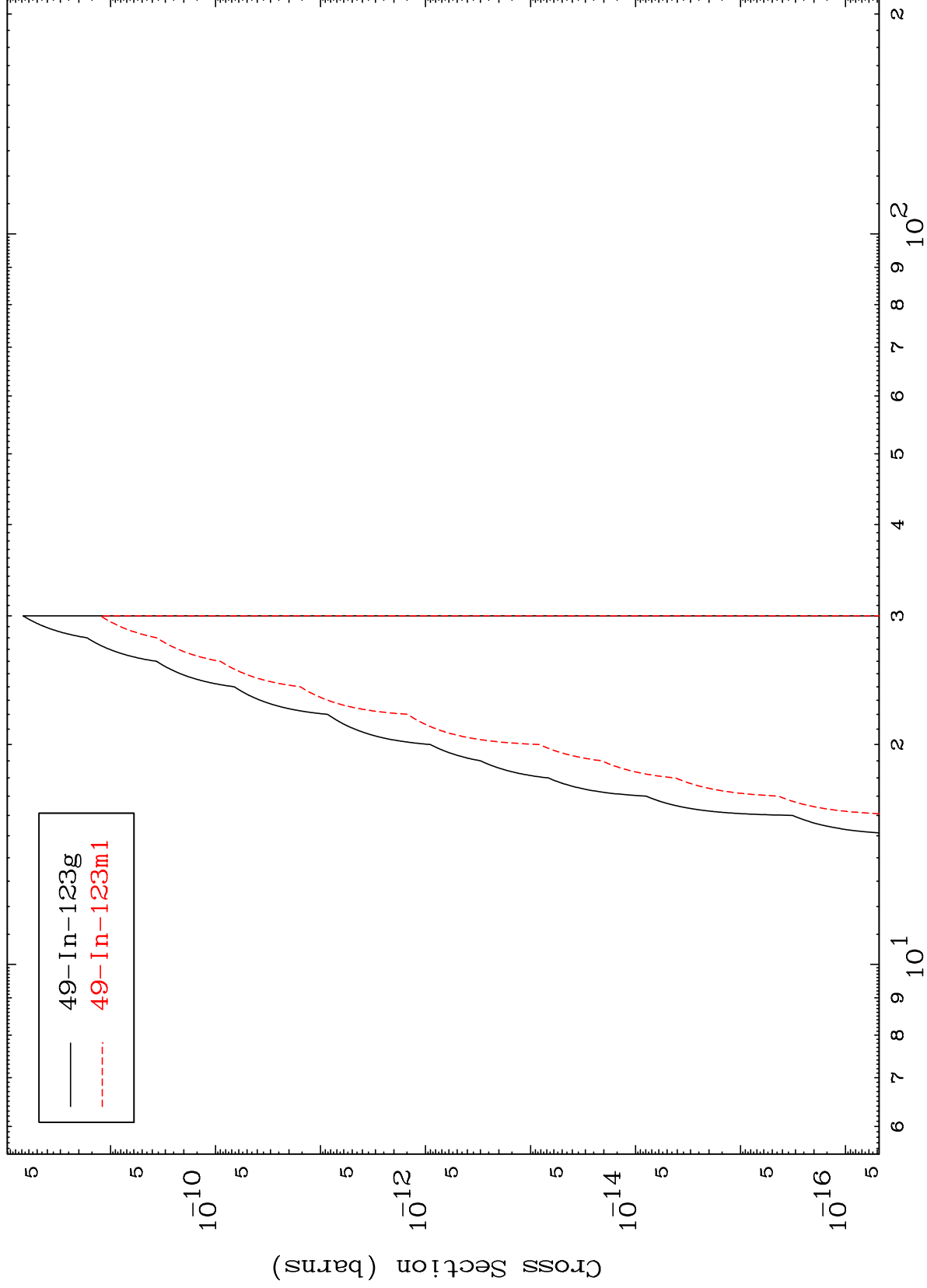
25

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(n,d)  $\alpha$

51-Sb-127

Radionuclide Production Cross Section



26

Incident Energy (MeV)

51-Sb-127