

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

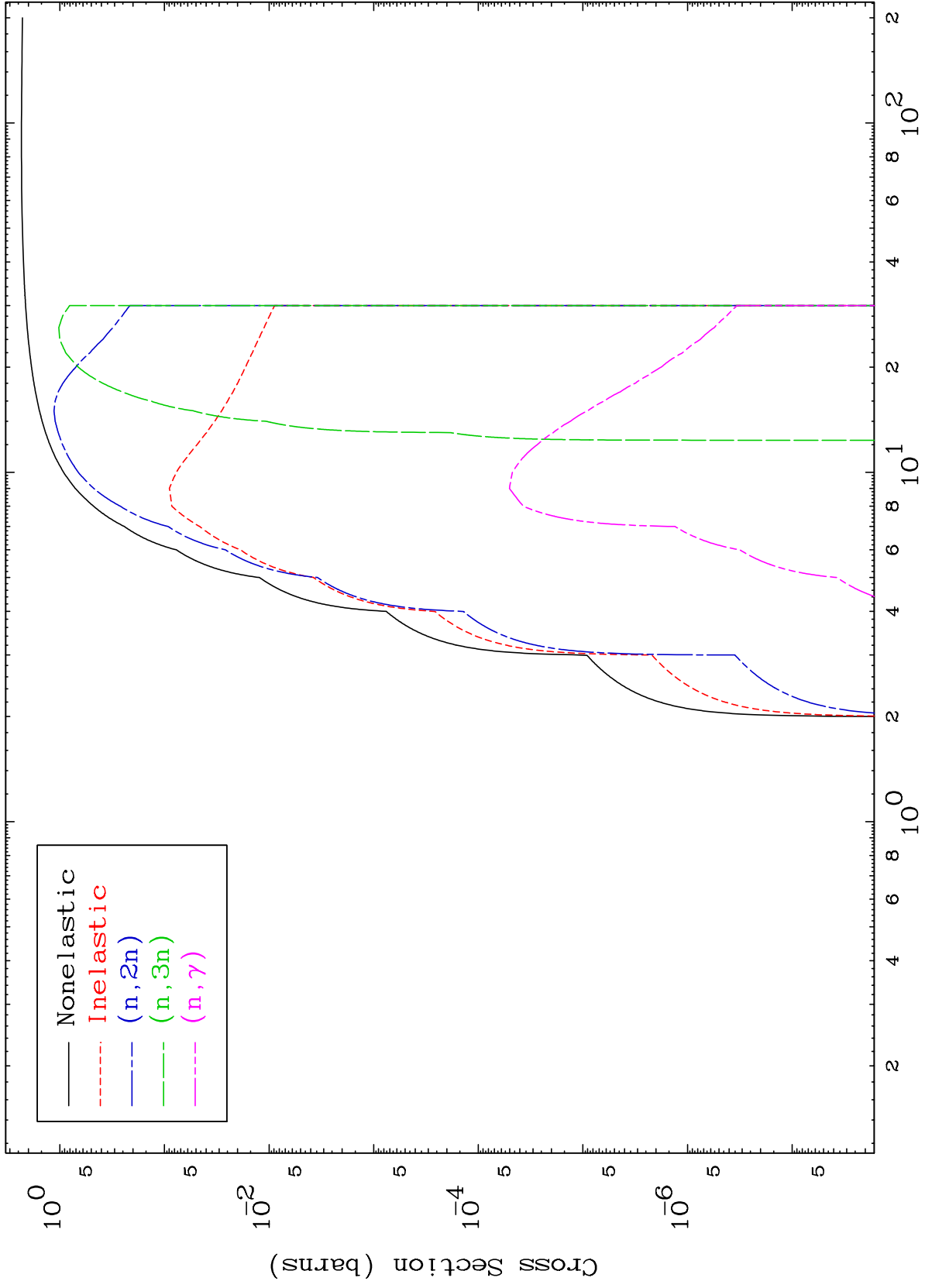
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

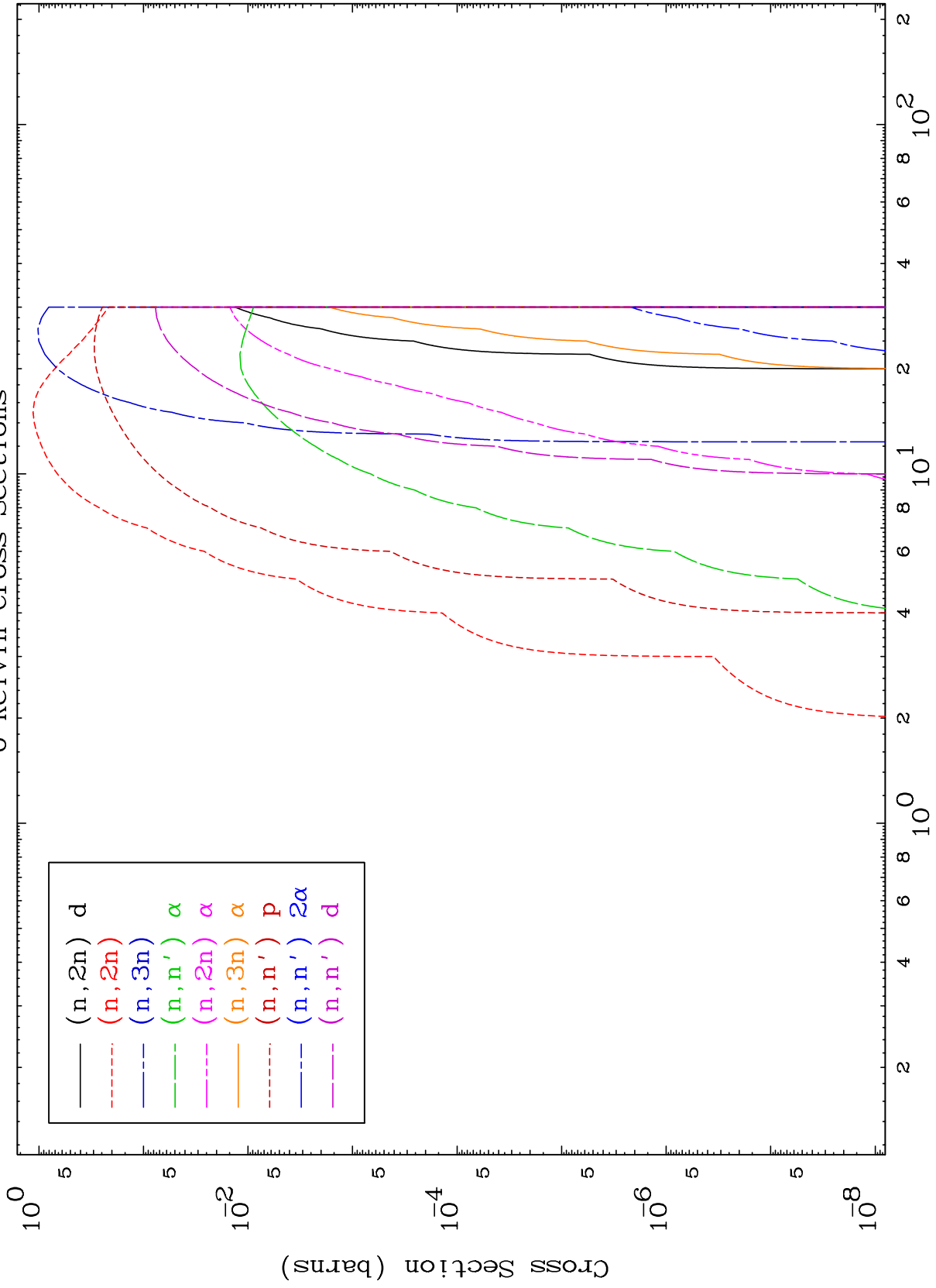
Press Mouse Button to Start

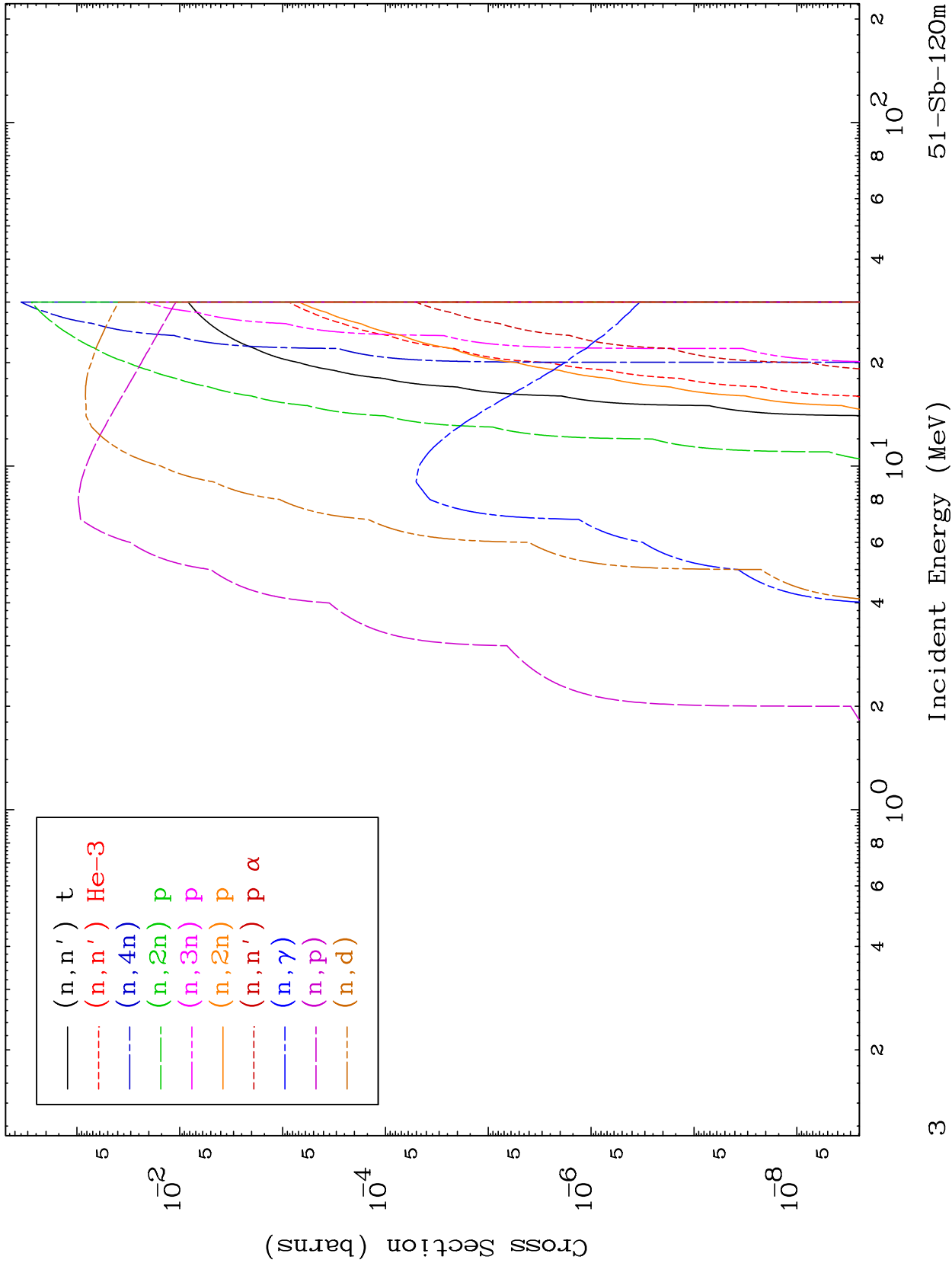


MAT 5123

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-120m

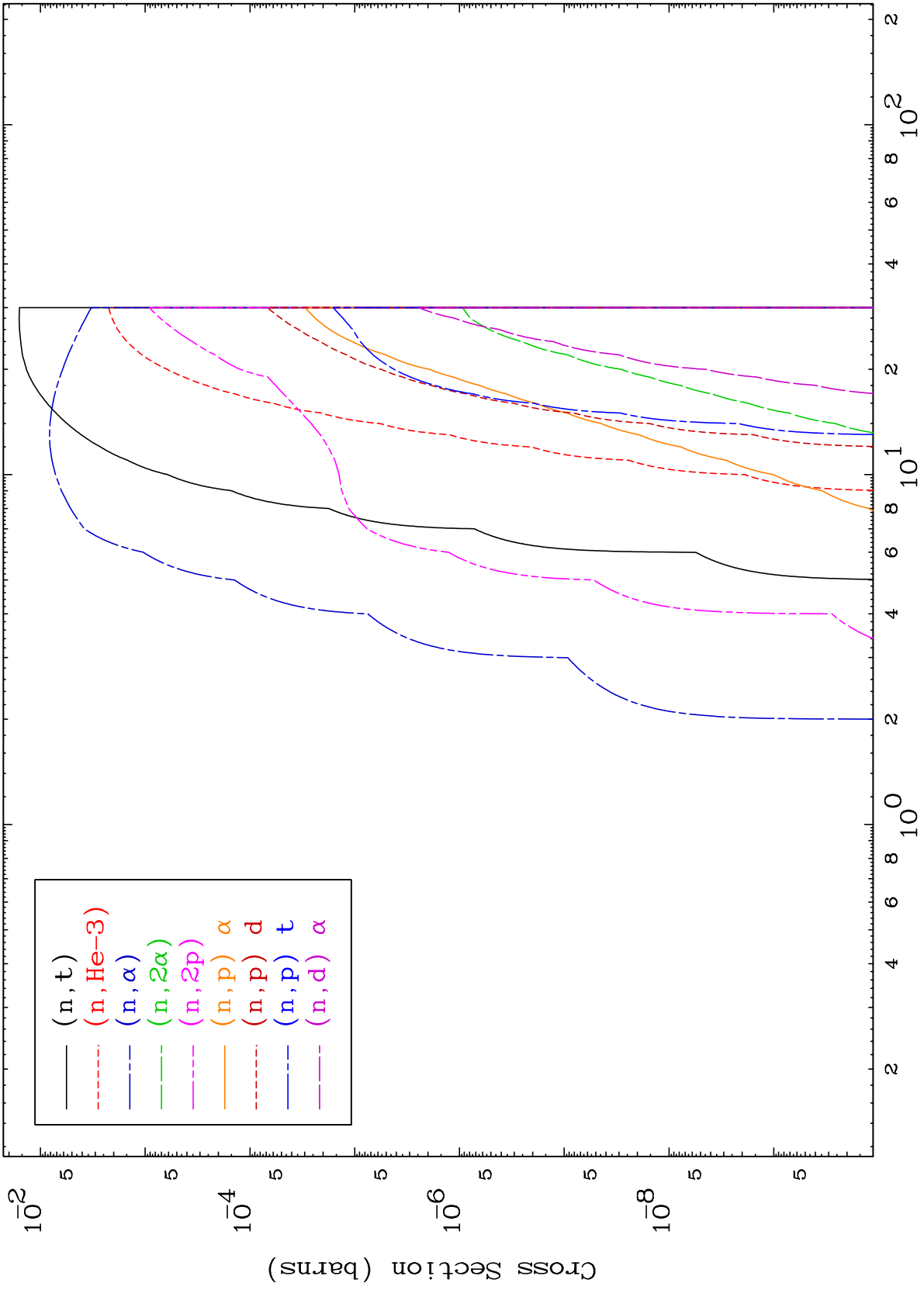




MAT 5123

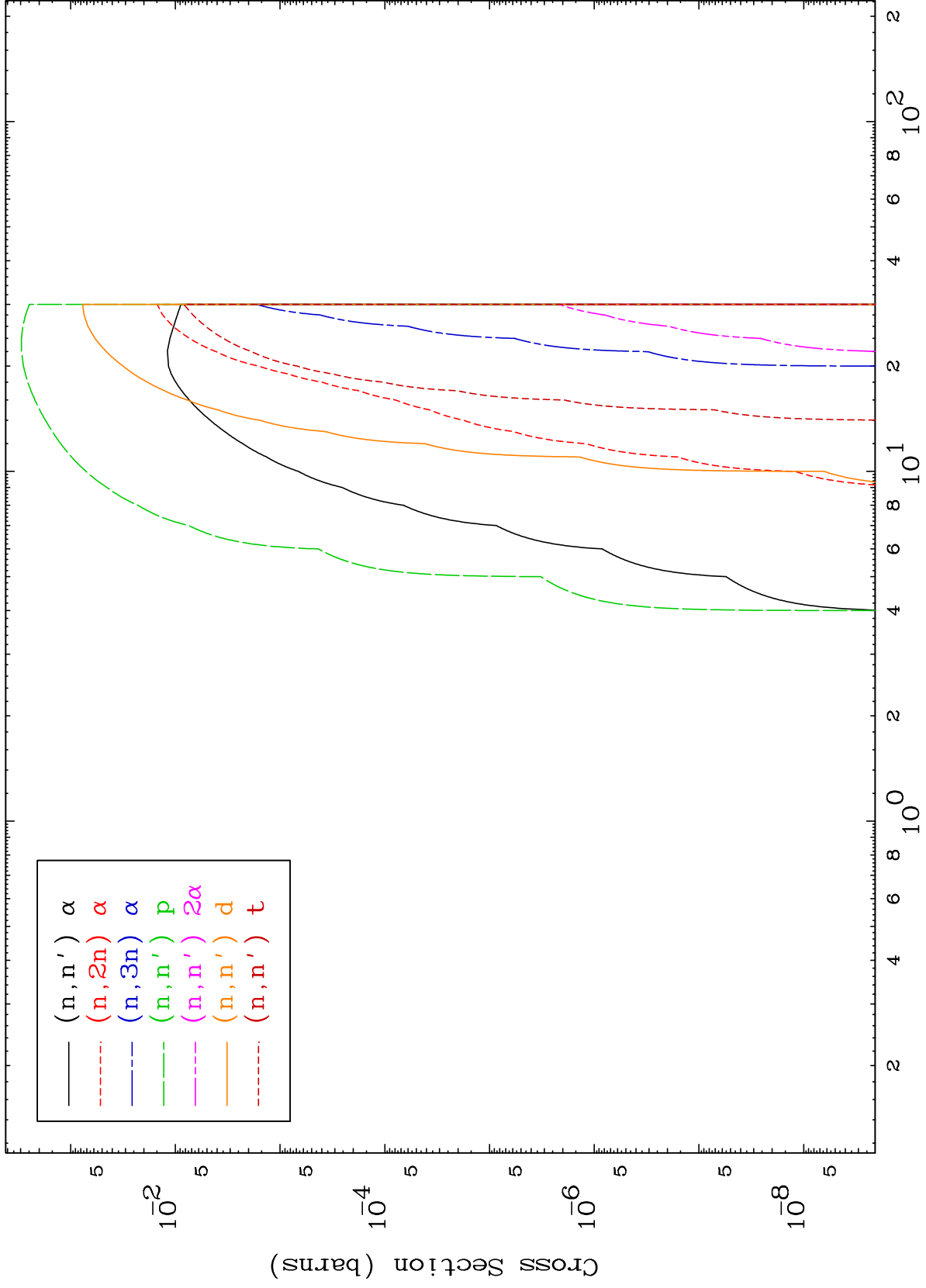
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-120m



51-Sb-120m

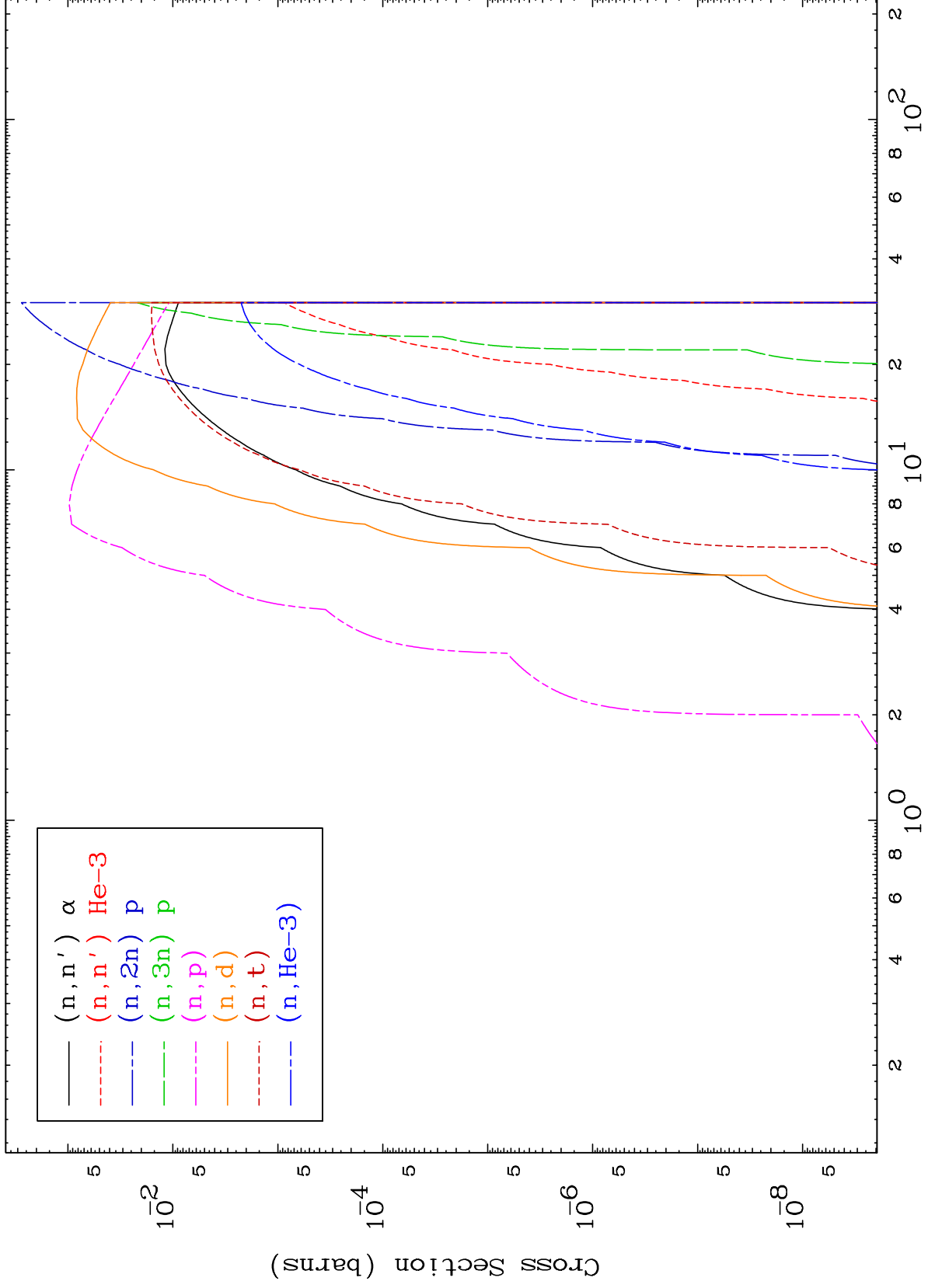
Incident Energy (MeV)



MAT 5123

Deuteron Charged Particle  
0 Kelvin Cross Sections

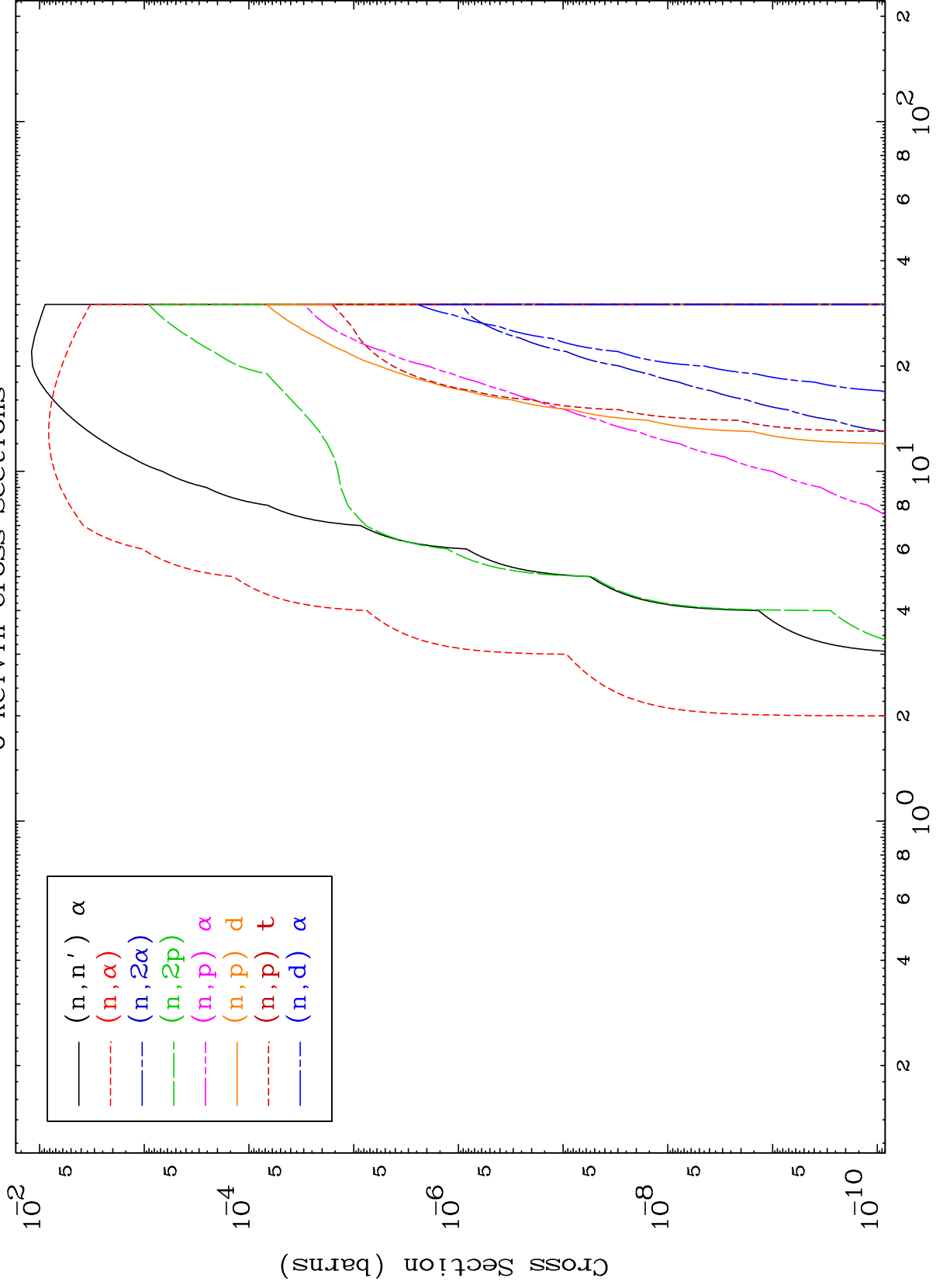
51-Sb-120m



MAT 5123

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-120m

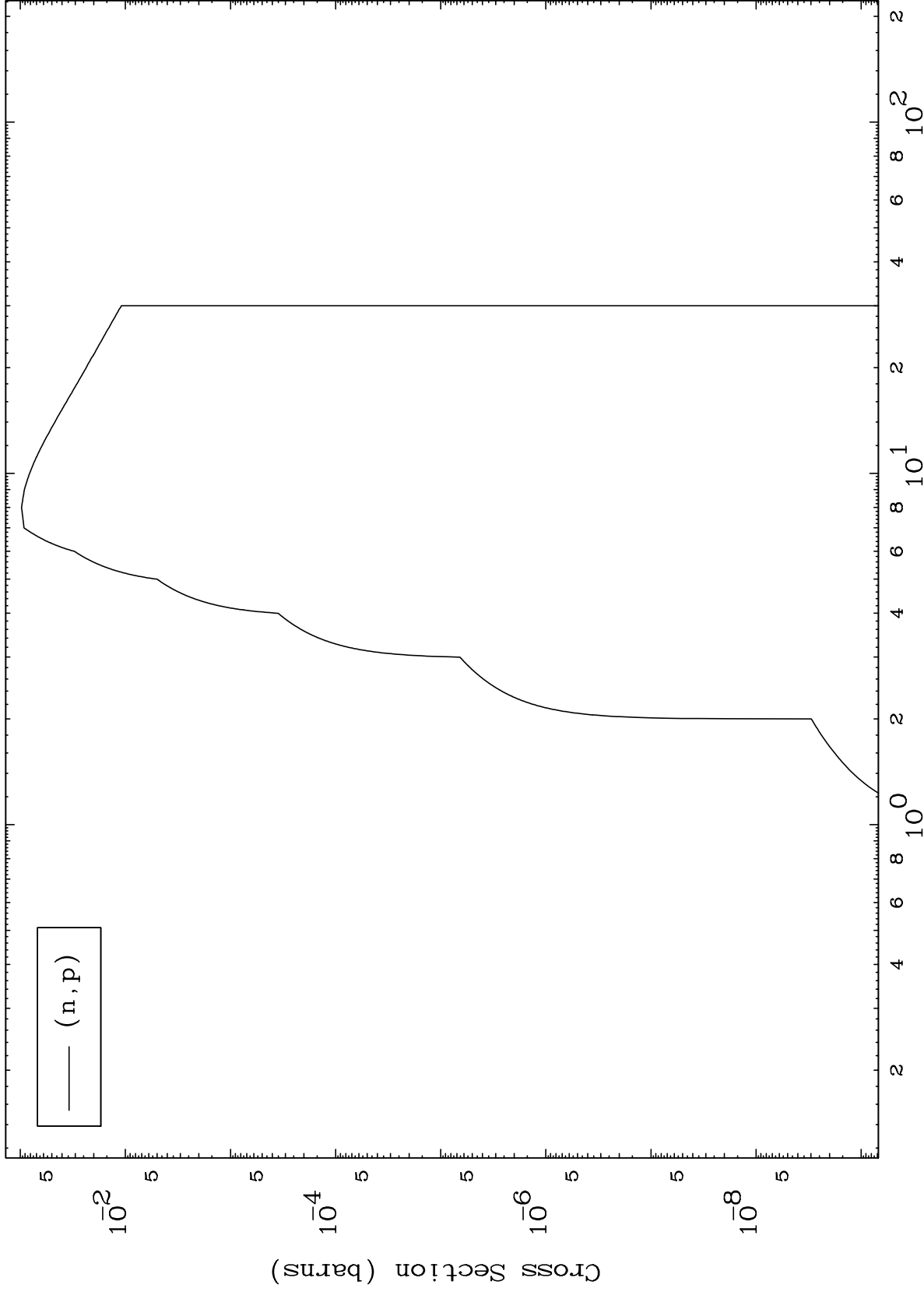




MAT 5123

(d,p) Levels  
0 Kelvin Cross Sections

51-Sb-120m

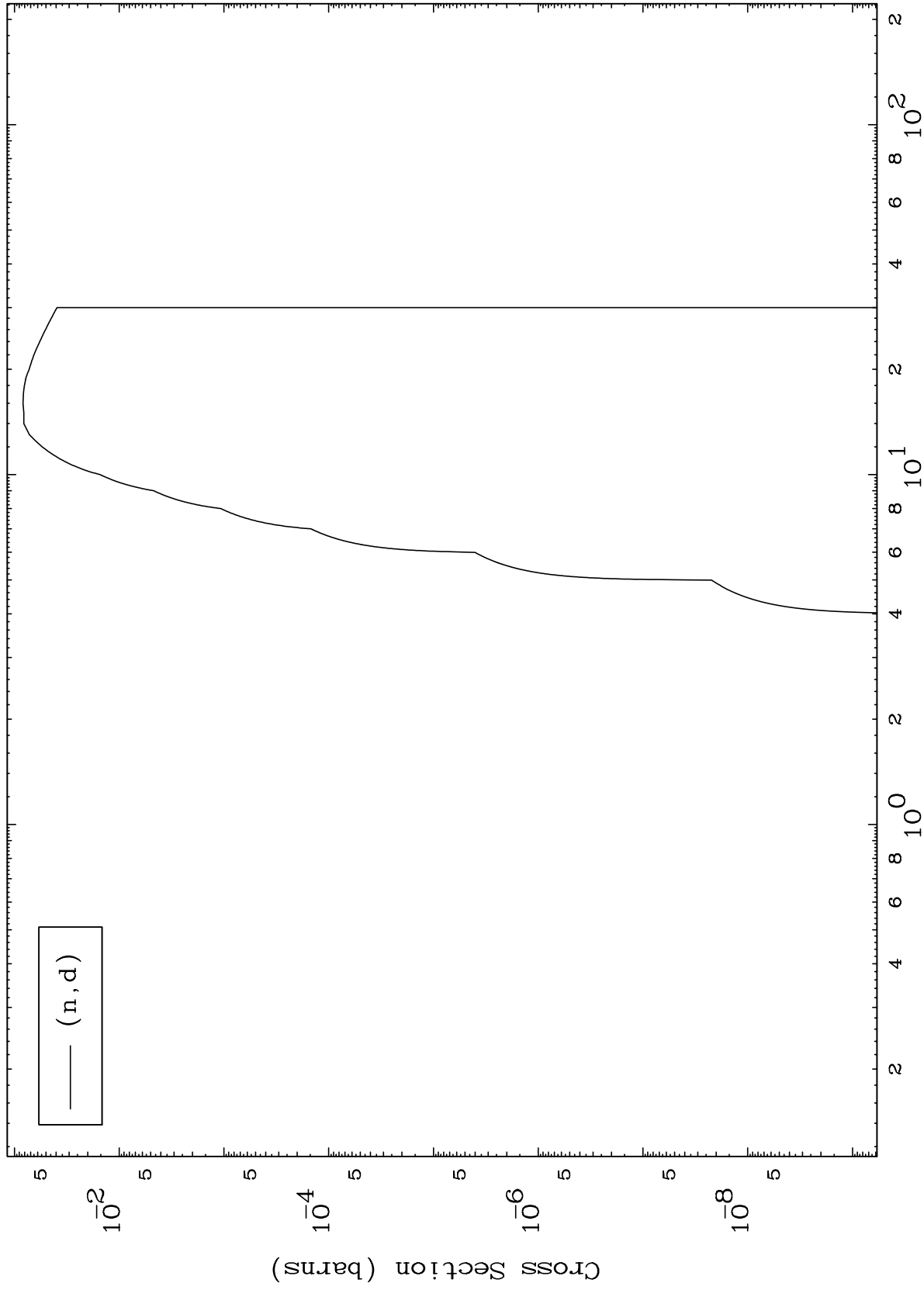


MAT 5123

(d,d) Levels

51-Sb-120m

0 Kelvin Cross Sections

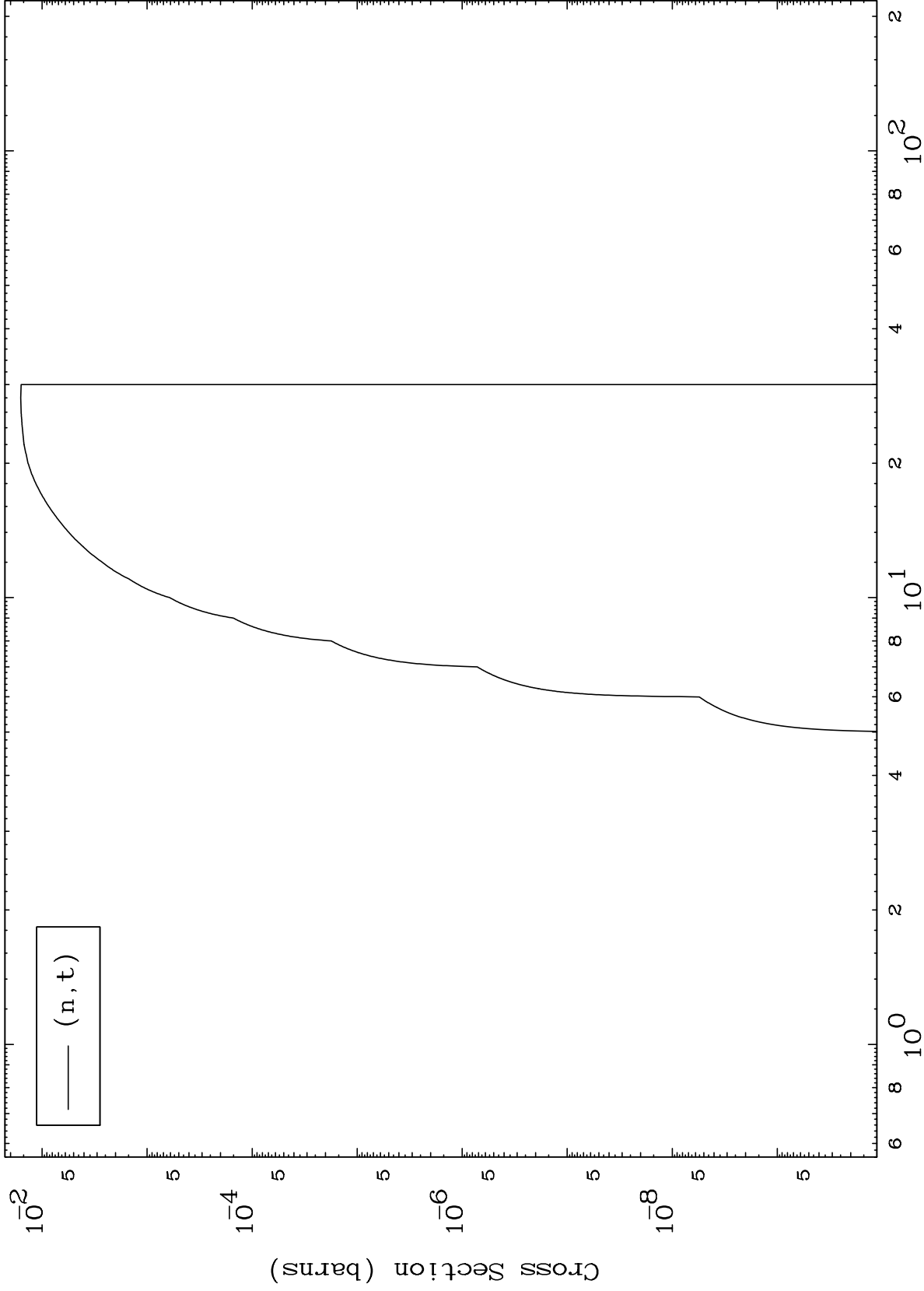


MAT 5123

(d, t) Levels

51-Sb-120m

0 Kelvin Cross Sections



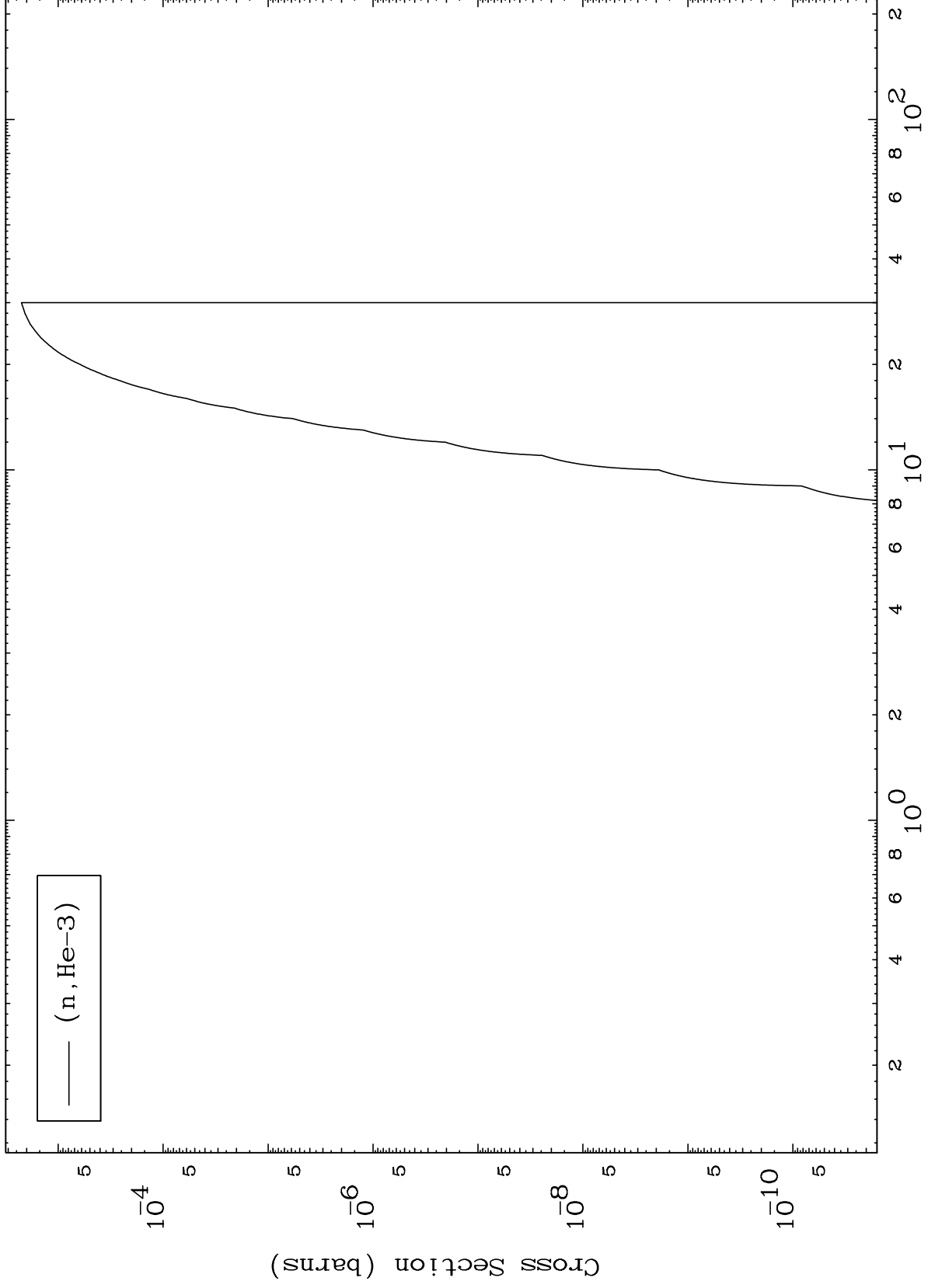
Incident Energy (MeV)

51-Sb-120m

MAT 5123

(d,He3) Levels  
0 Kelvin Cross Sections

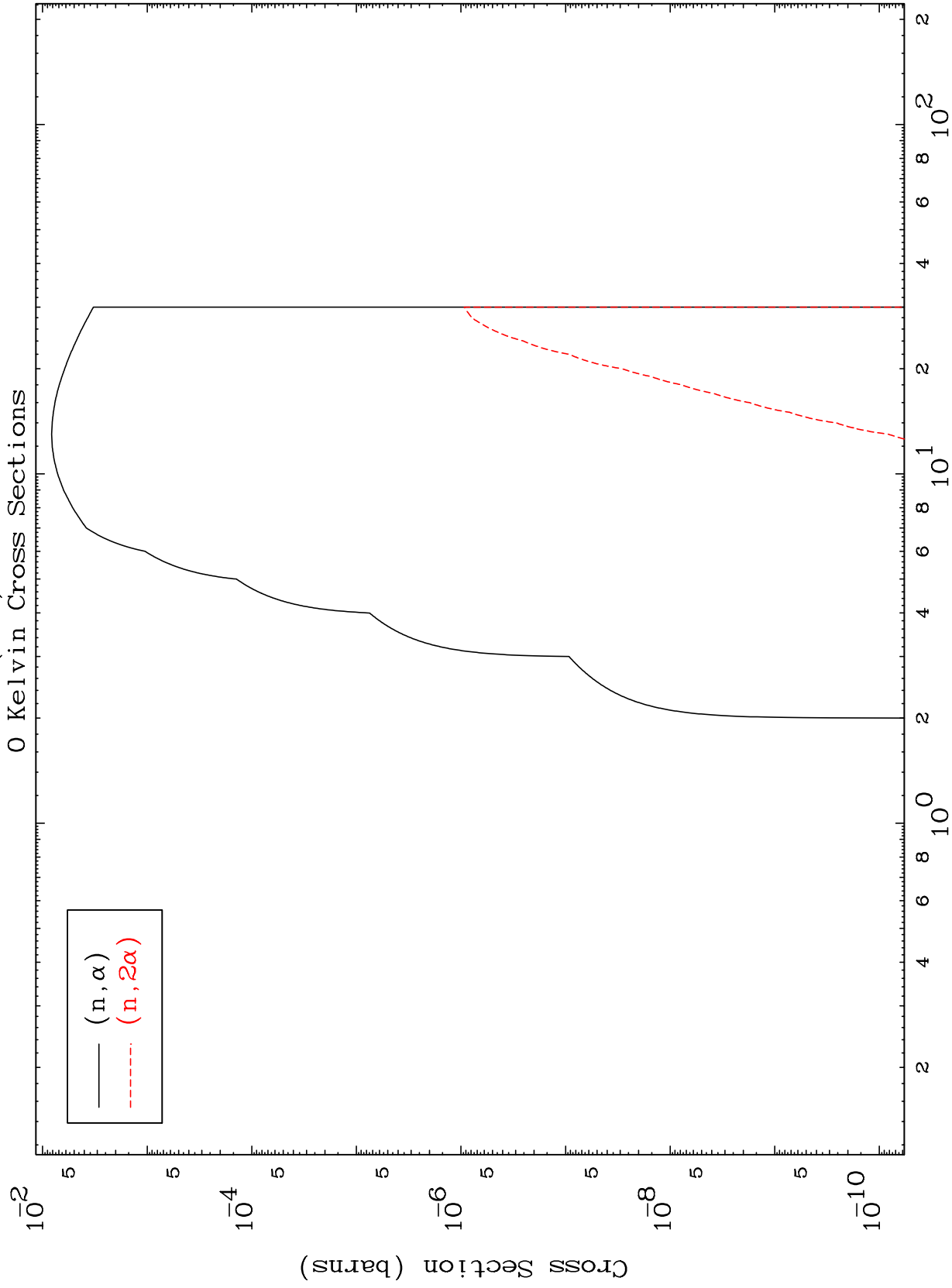
51-Sb-120m



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(d,  $\alpha$ ) Levels

51-Sb-120m



12

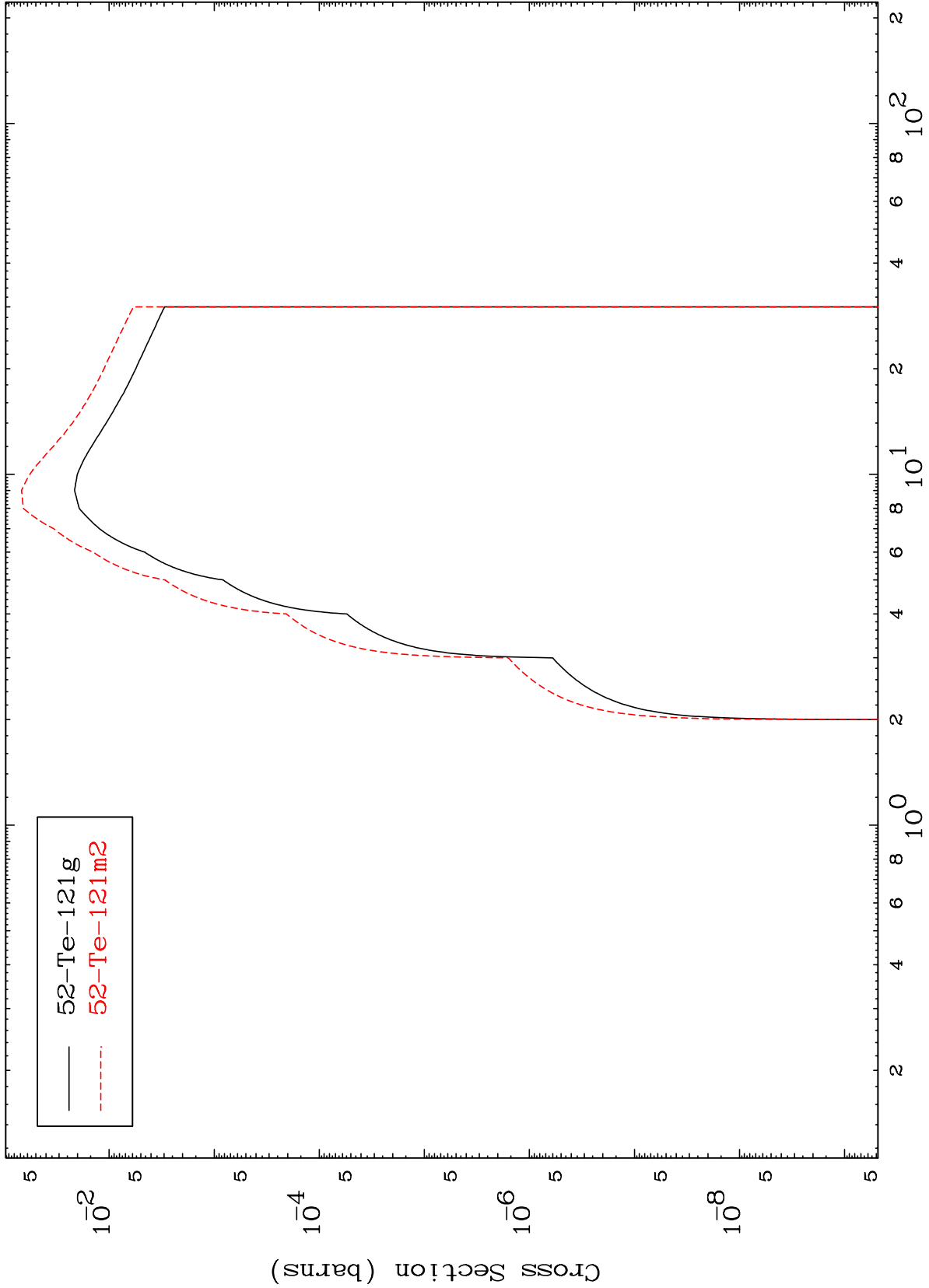
Incident Energy (MeV)

51-Sb-120m

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51-Sb-120m

Inelastic  
Radionuclide Production Cross Section



— 52-Te-121g  
- - - 52-Te-121m2

51-Sb-120m

Incident Energy (MeV)

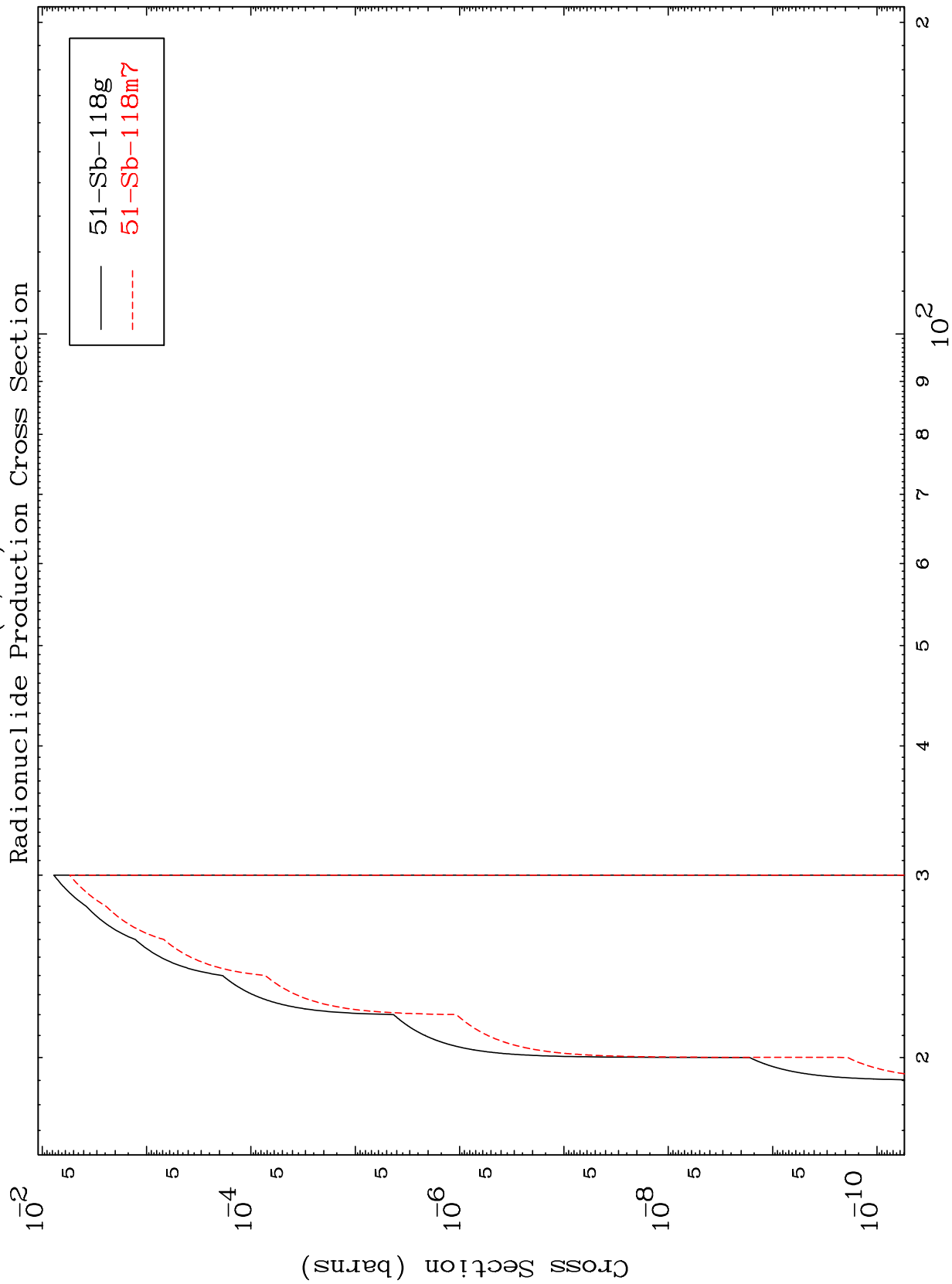
13

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51-Sb-120m

(n,2n) d

Radionuclide Production Cross Section



14

Incident Energy (MeV)

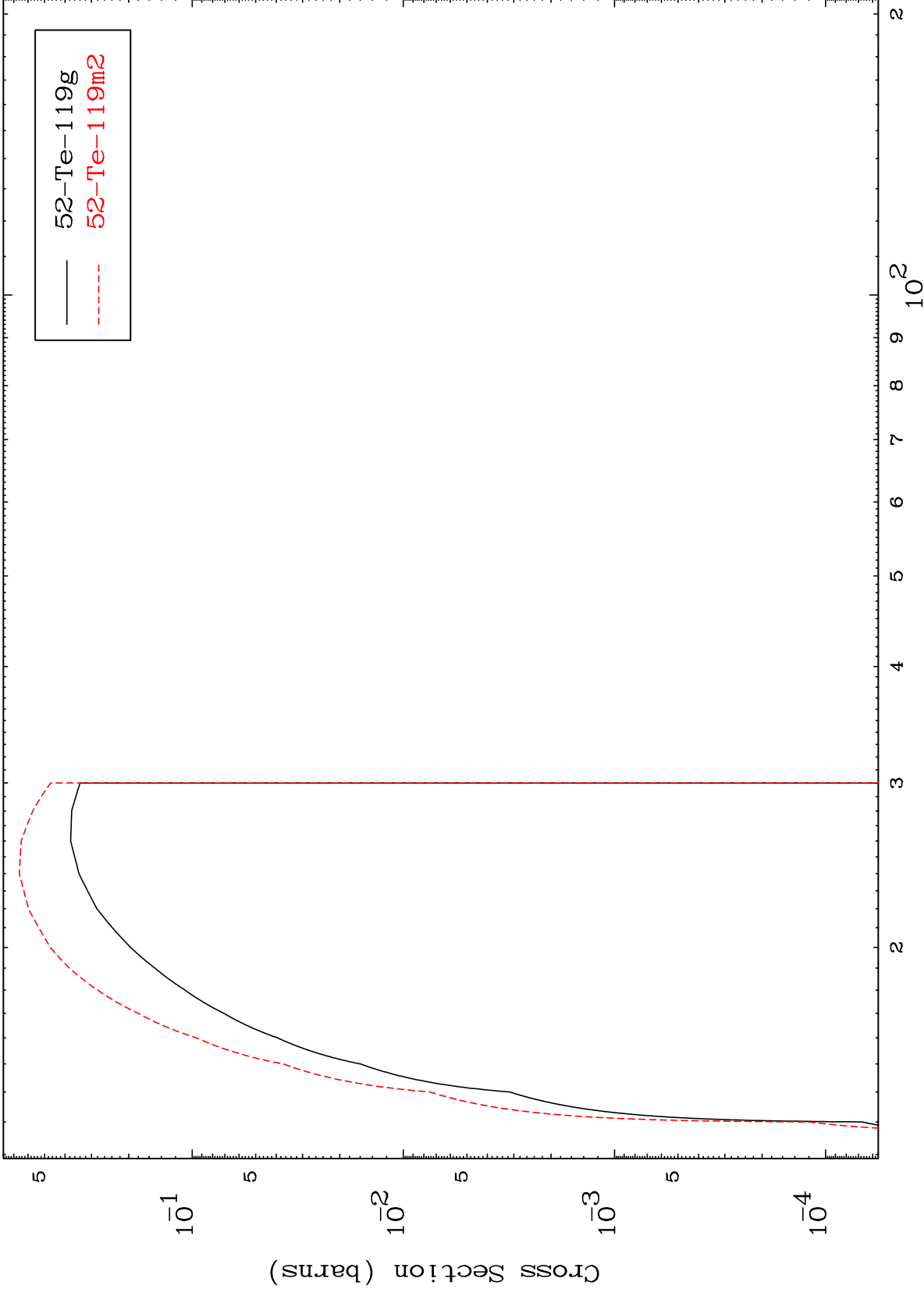
51-Sb-120m

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(n,3n)

51-Sb-120m

Radionuclide Production Cross Section



52-Te-119g  
52-Te-119m2

15

Incident Energy (MeV)

51-Sb-120m

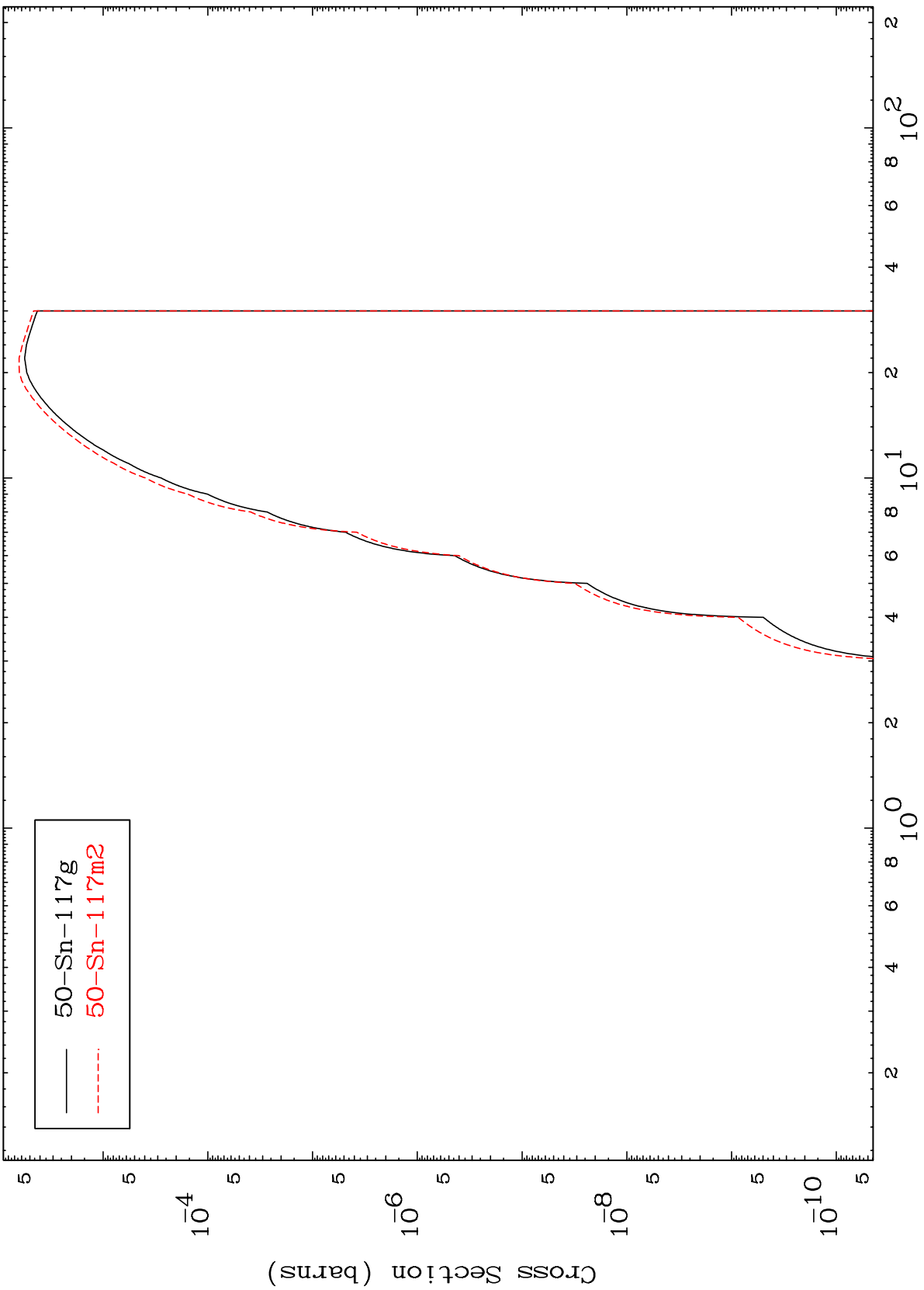


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(n,n')  $\alpha$

51-Sb-120m

Radionuclide Production Cross Section

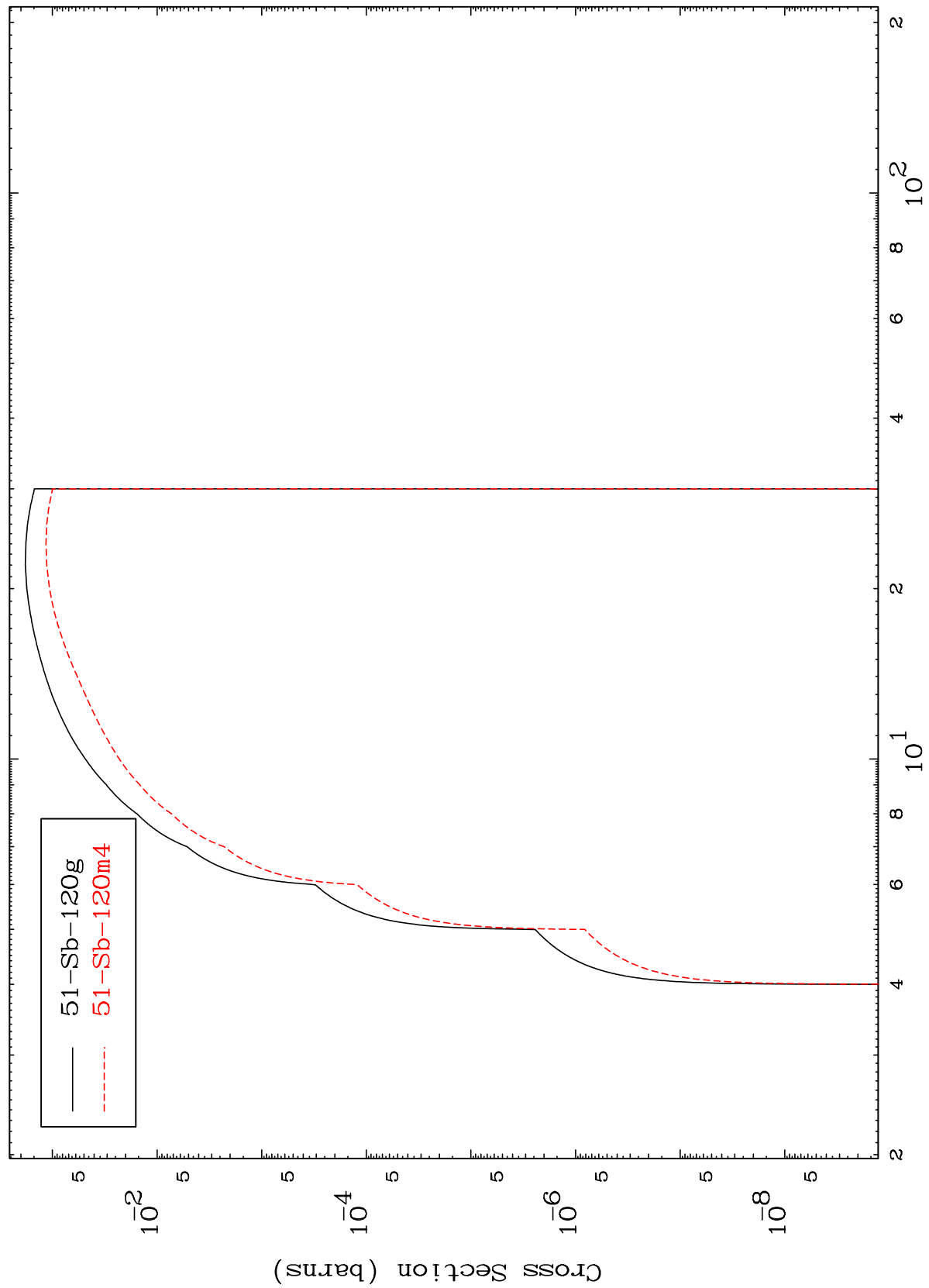


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51-Sb-120m

(n,n') p

Radionuclide Production Cross Section

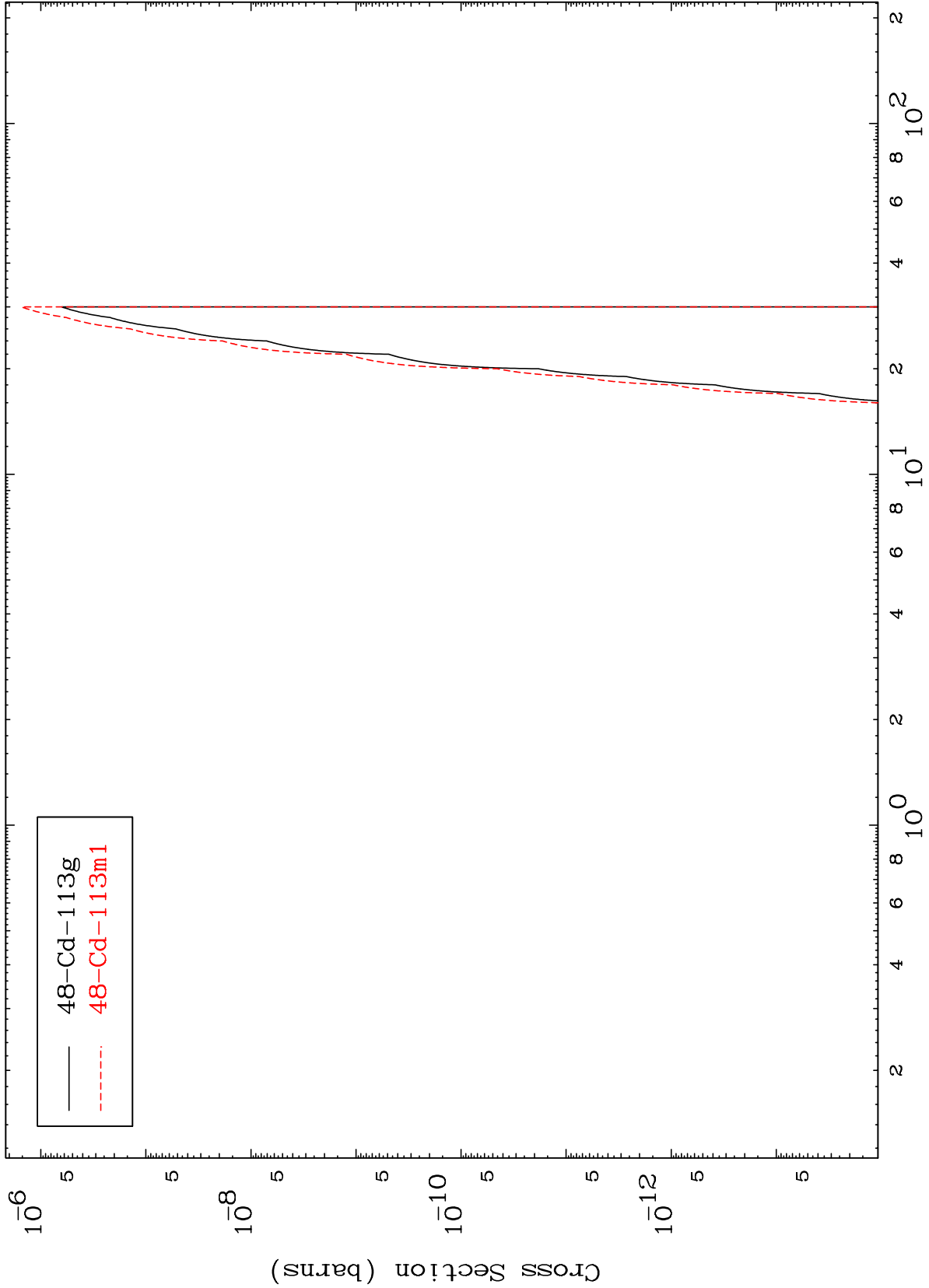


MAT 5123

(n,n') 2α

51-Sb-120m

Radionuclide Production Cross Section

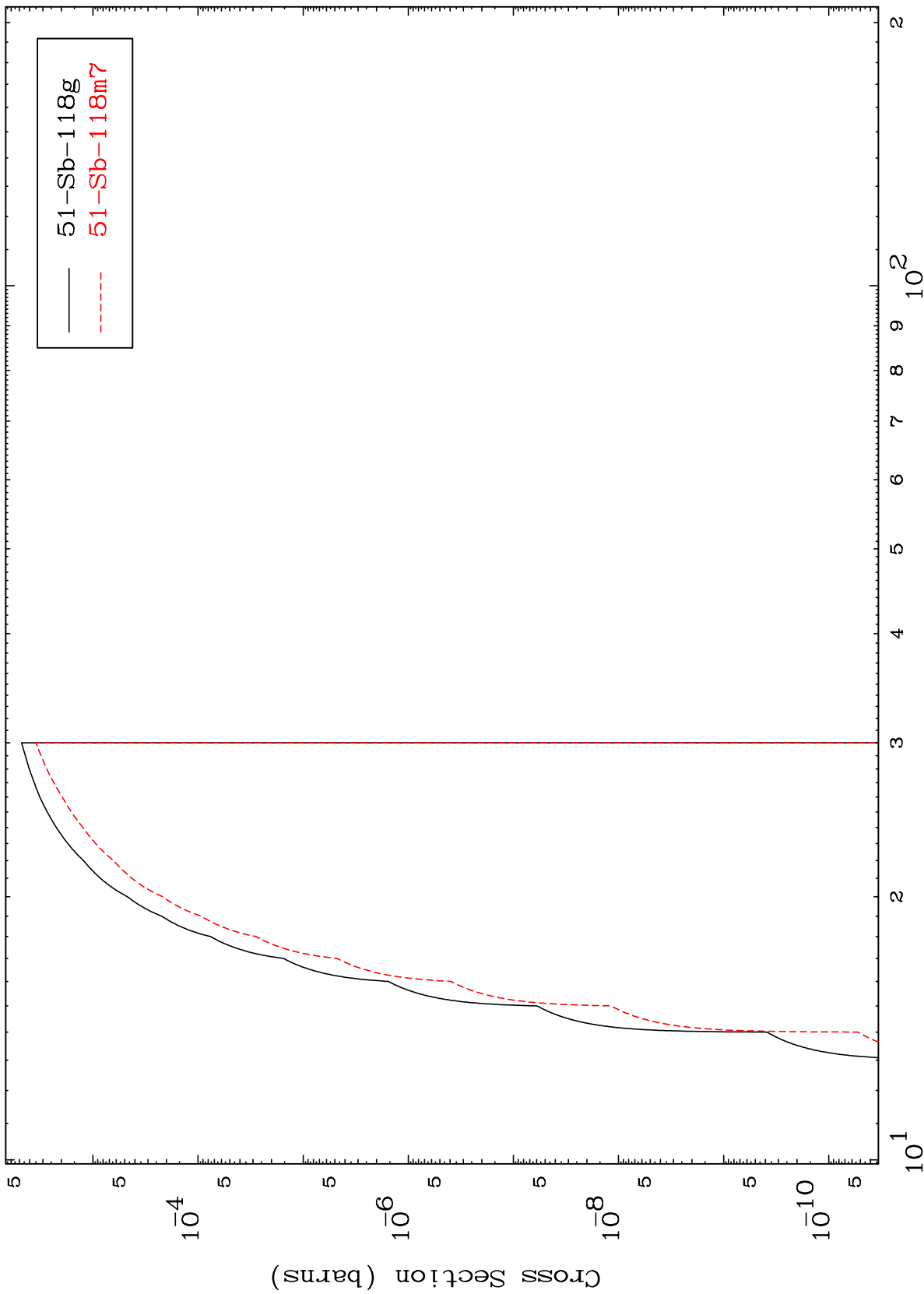


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(n,n') t

51-Sb-120m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

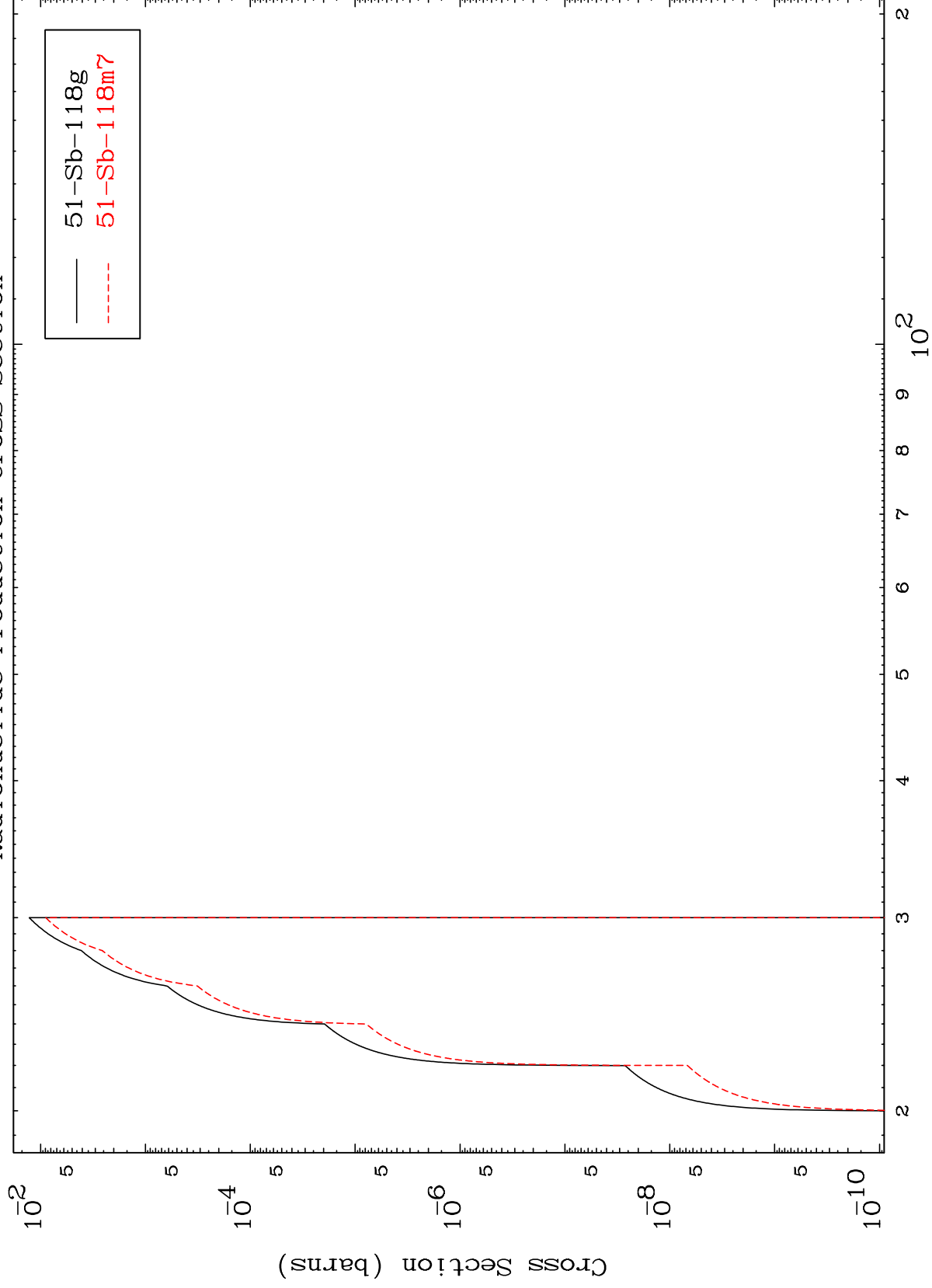
51-Sb-120m

MAT 5123

(n,3n) p

51-Sb-120m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

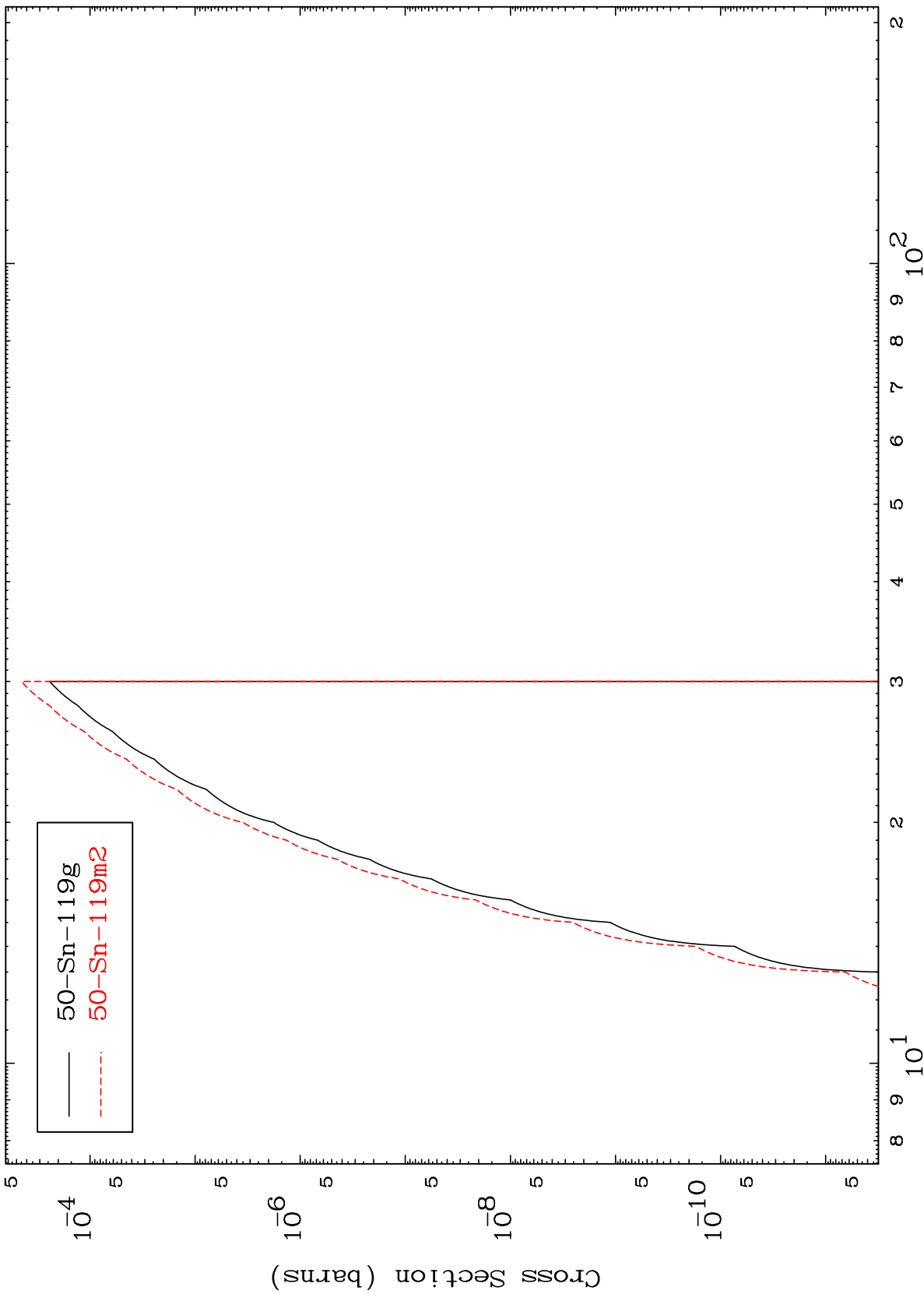
51-Sb-120m

MAT 5123

(n,2n) p

51-Sb-120m

Radionuclide Production Cross Section

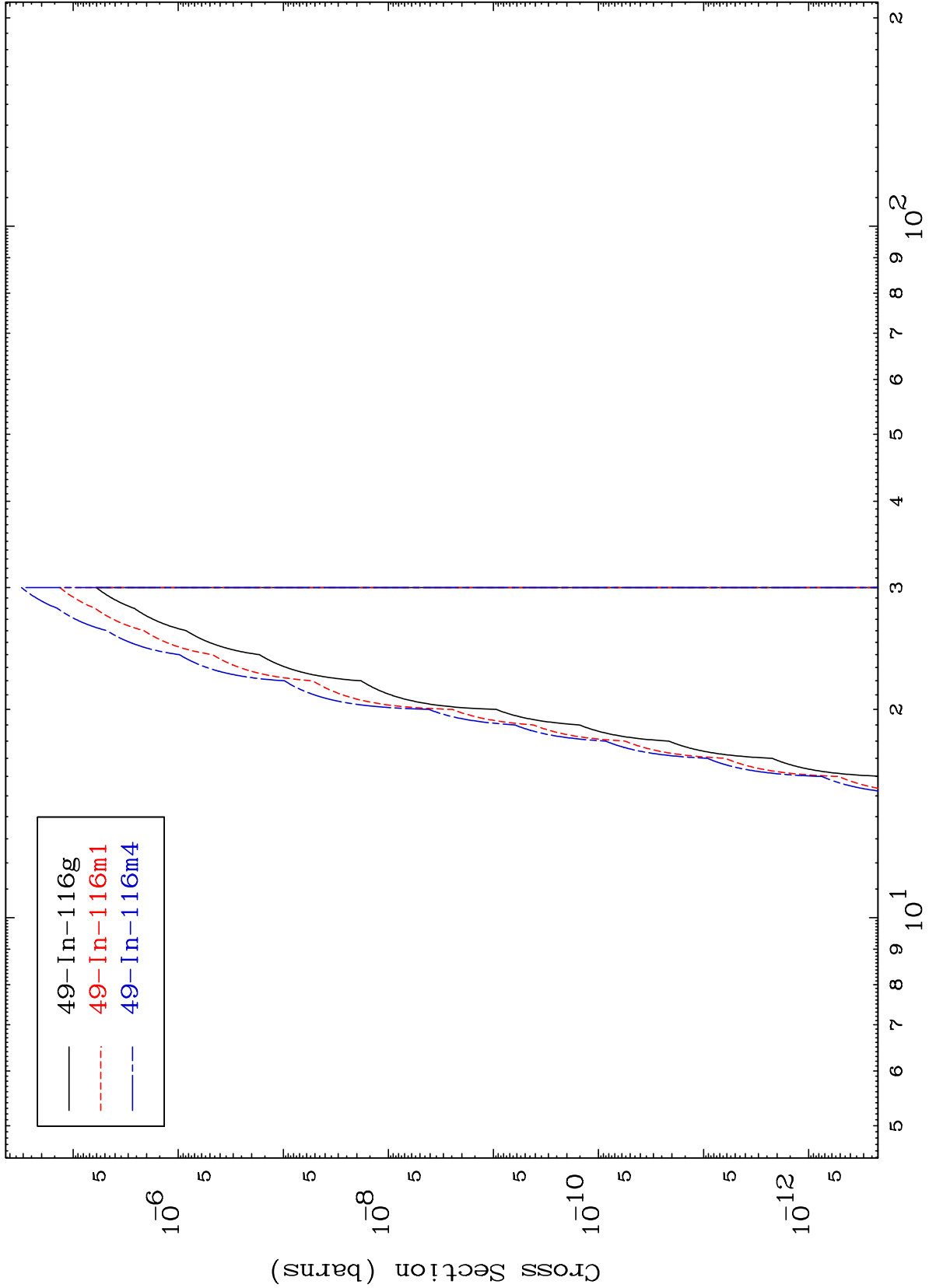


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51-Sb-120m

(n,n') p  $\alpha$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

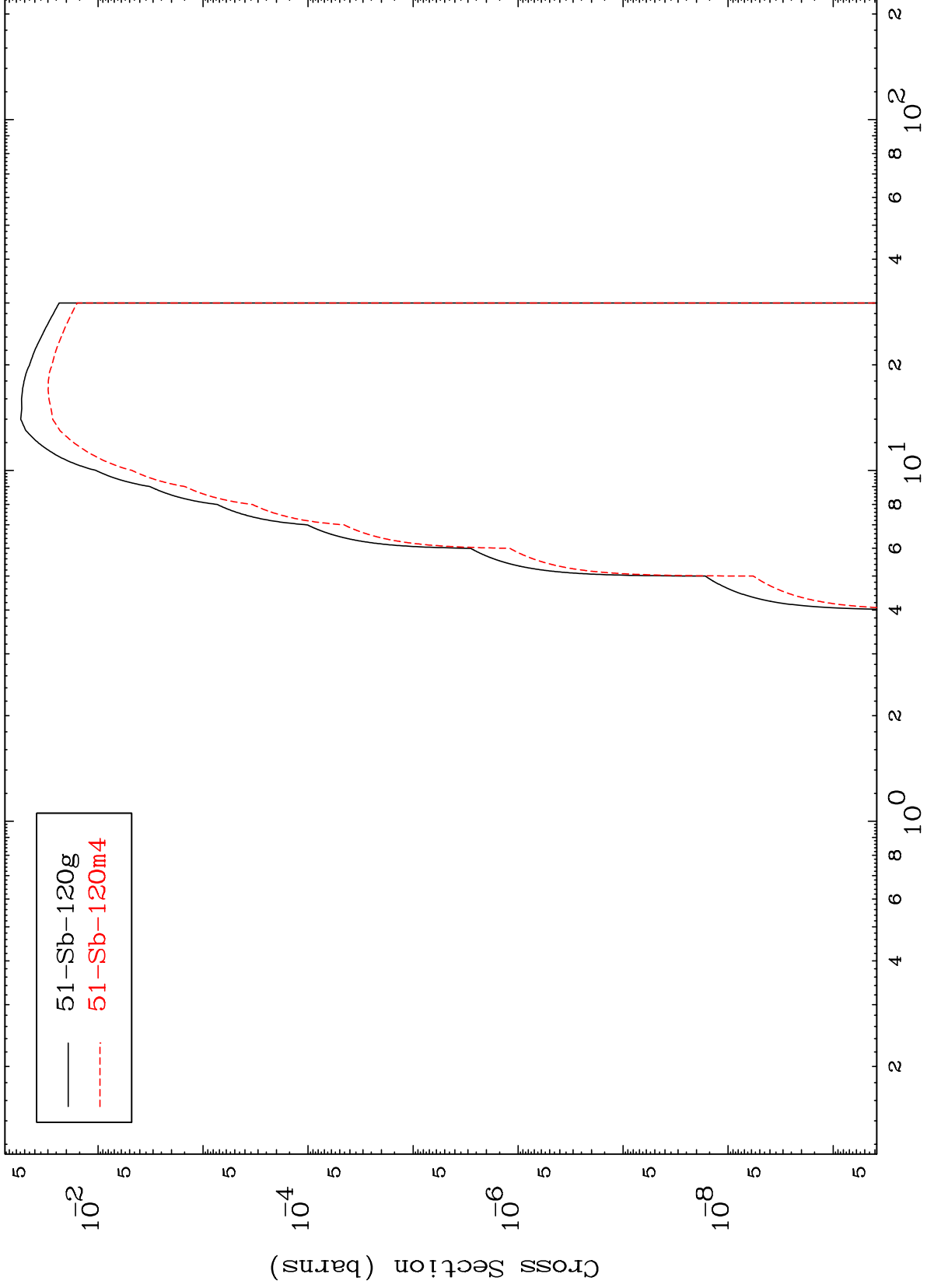
51-Sb-120m

MAT 5123

(n, d)

51-Sb-120m

Radionuclide Production Cross Section



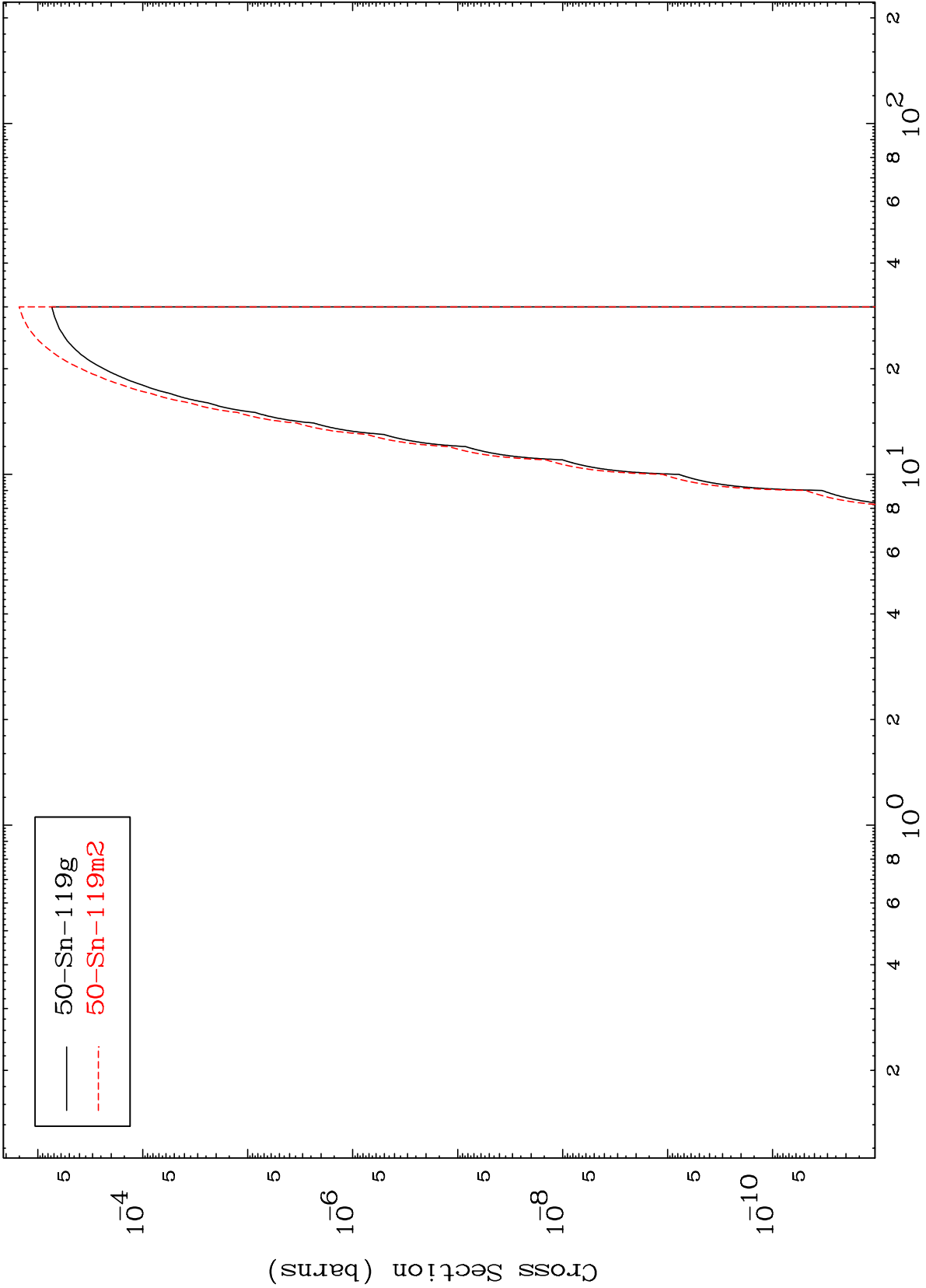


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(n,He-3)

51-Sb-120m

Radionuclide Production Cross Section

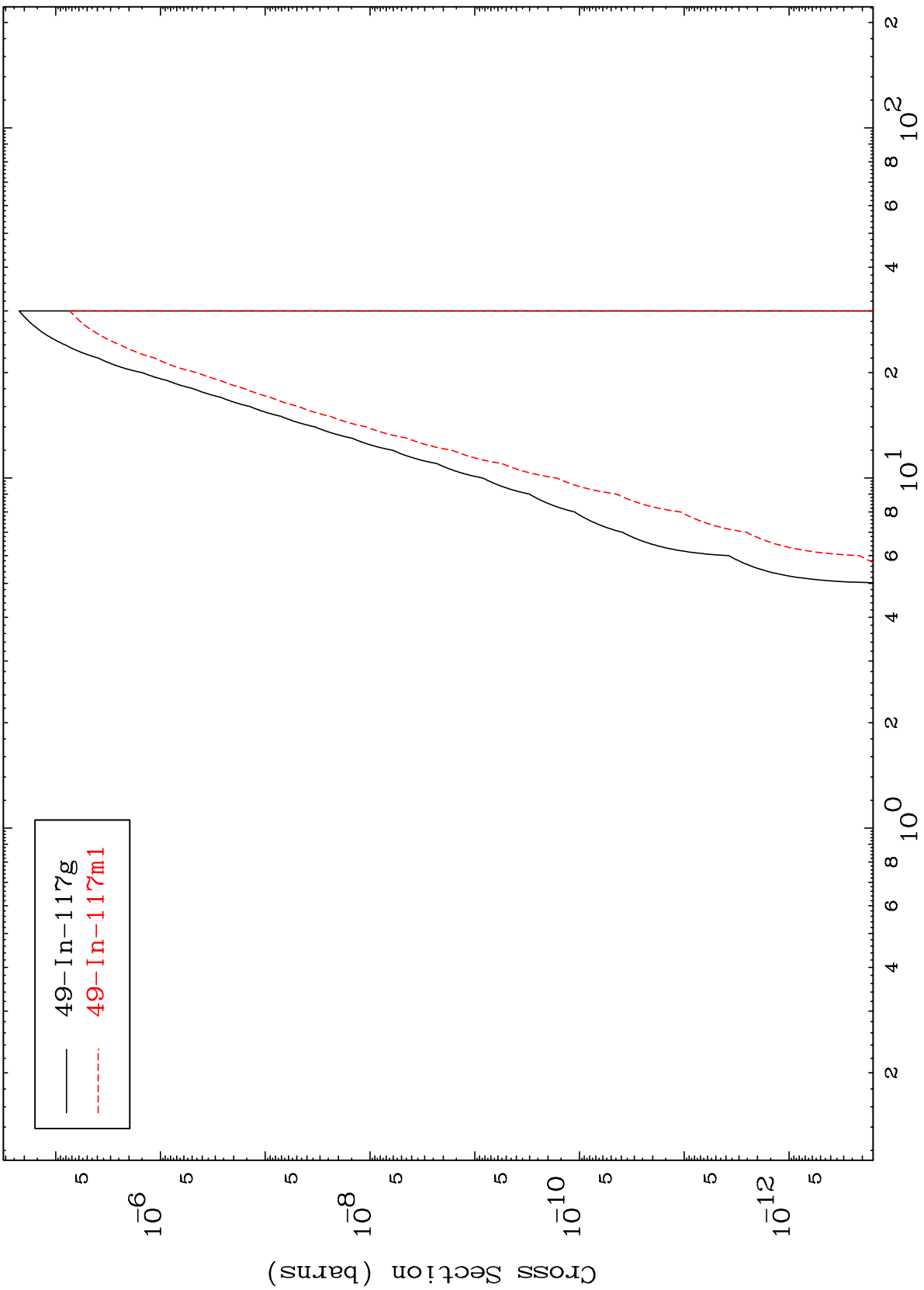


MAT 5123

(n,p)  $\alpha$

51-Sb-120m

Radionuclide Production Cross Section

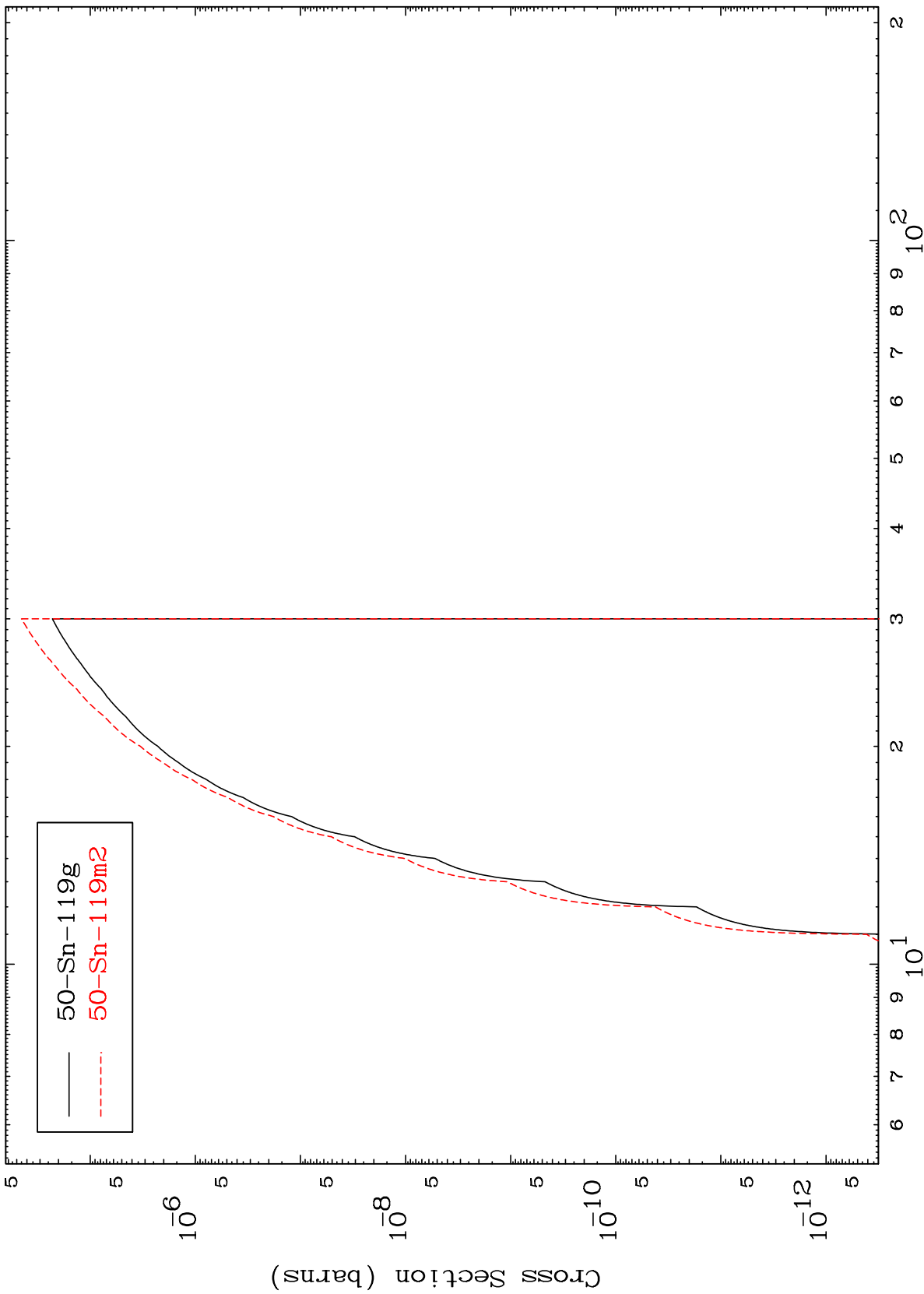


MAT 5123

51-Sb-120m

(n,p) d

Radionuclide Production Cross Section



26

Incident Energy (MeV)

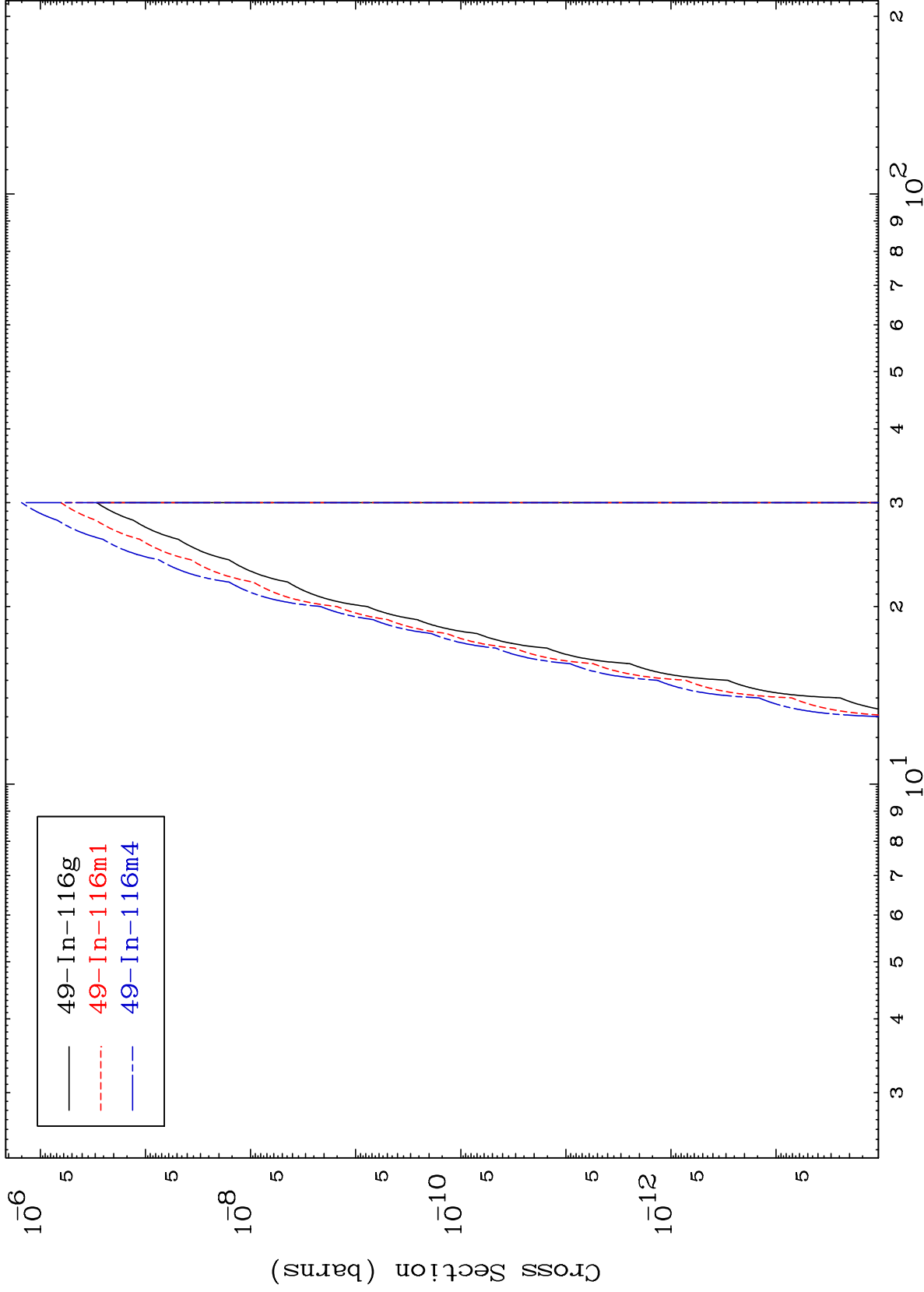
51-Sb-120m

MAT 5123

(n,d)  $\alpha$

51-Sb-120m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-120m