

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

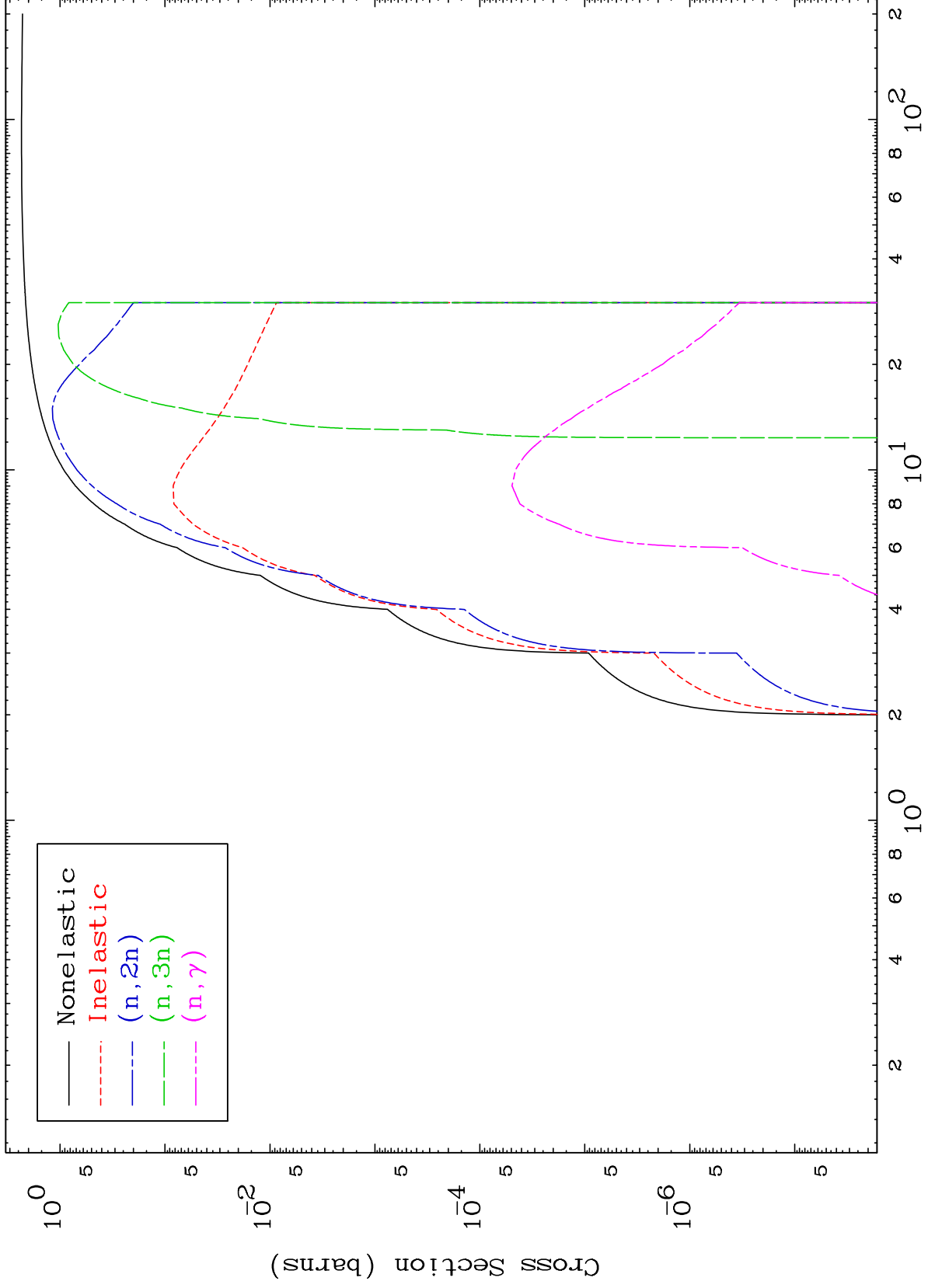
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Web:redcullen1.net/HOMEPAGE.NEW

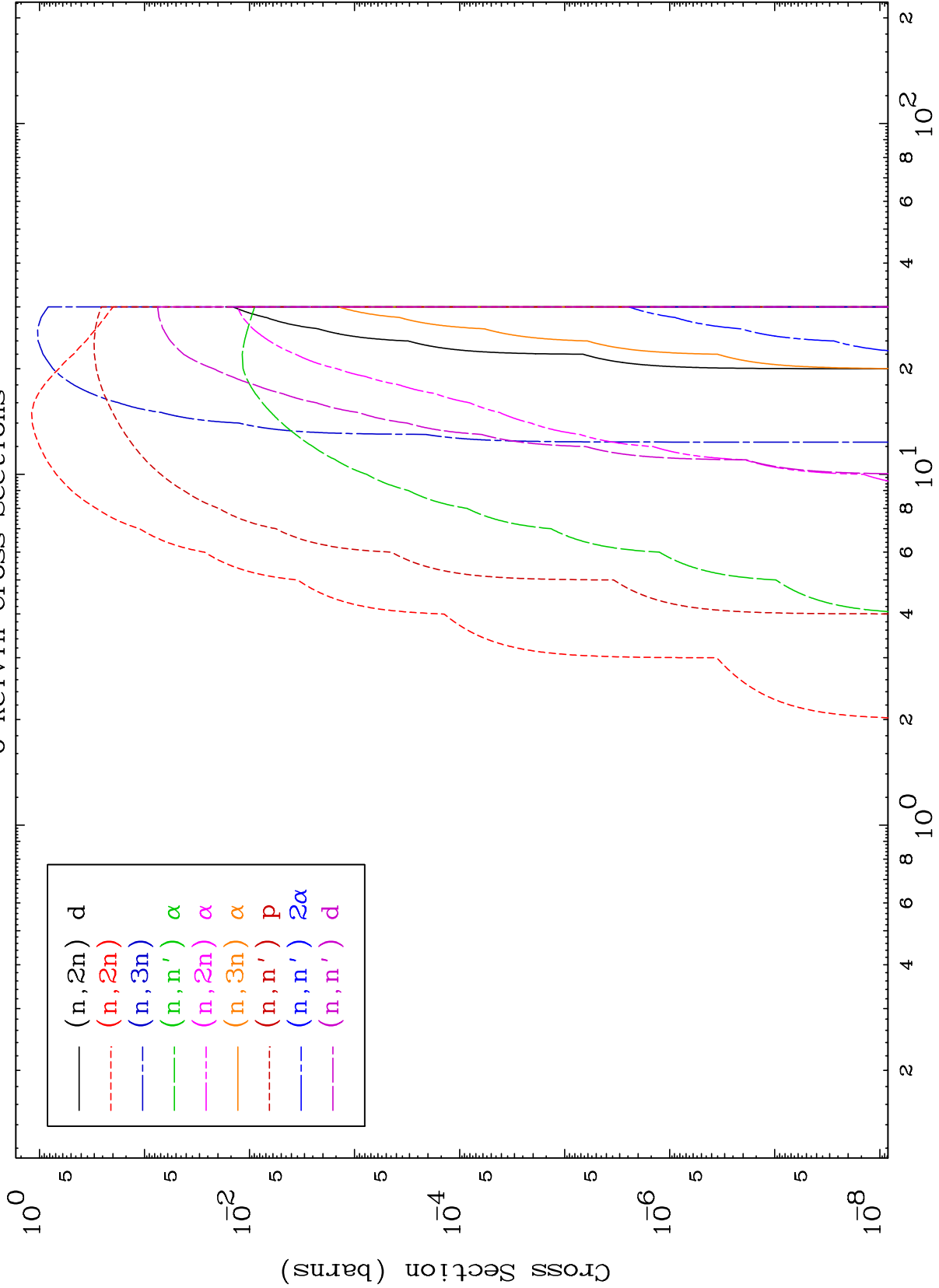
Press Mouse Button to Start



MAT 5123

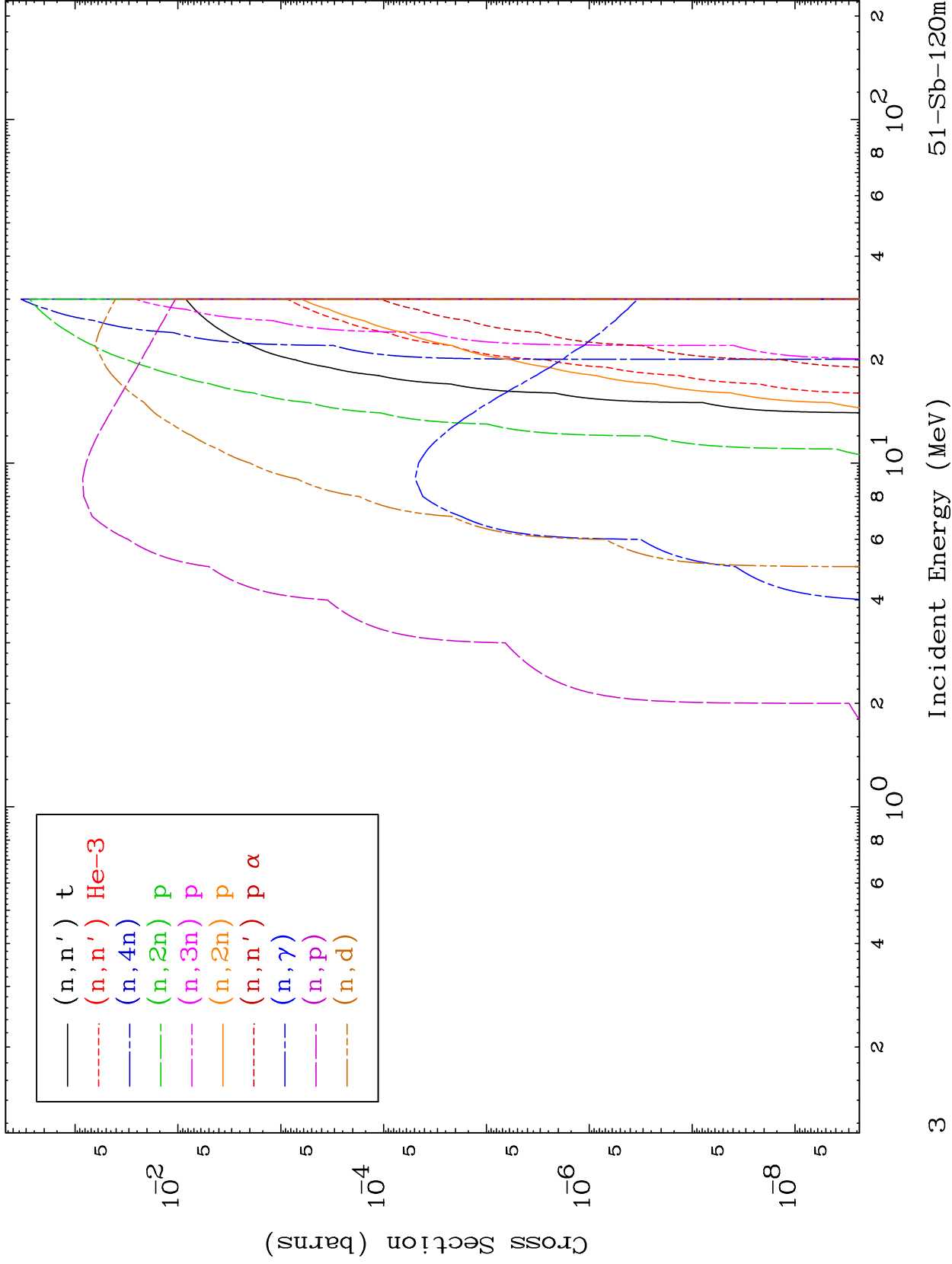
Deuteron Neutron Absorption
0 Kelvin Cross Sections

51-Sb-120m



51-Sb-120m

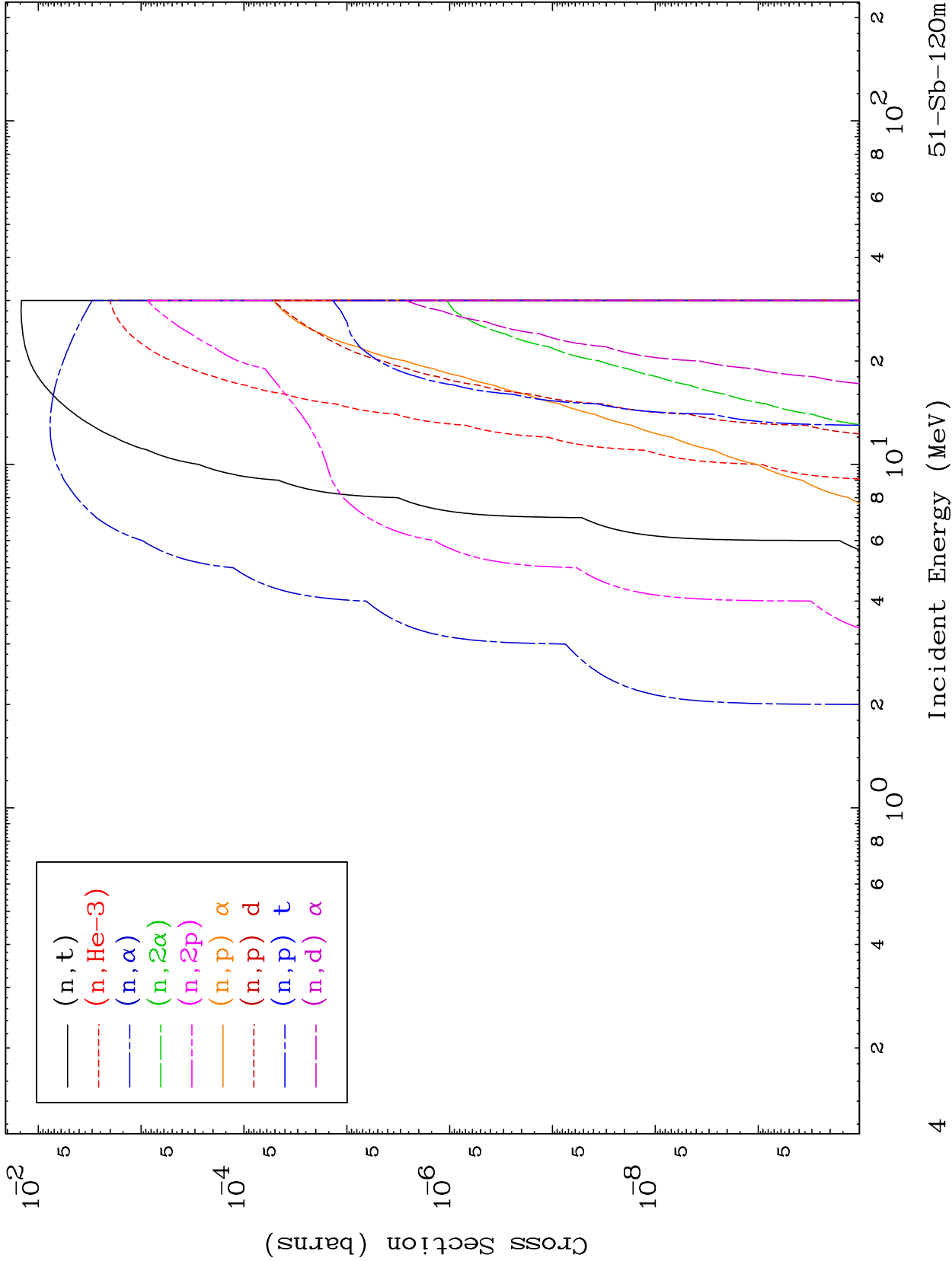
Incident Energy (MeV)



MAT 5123

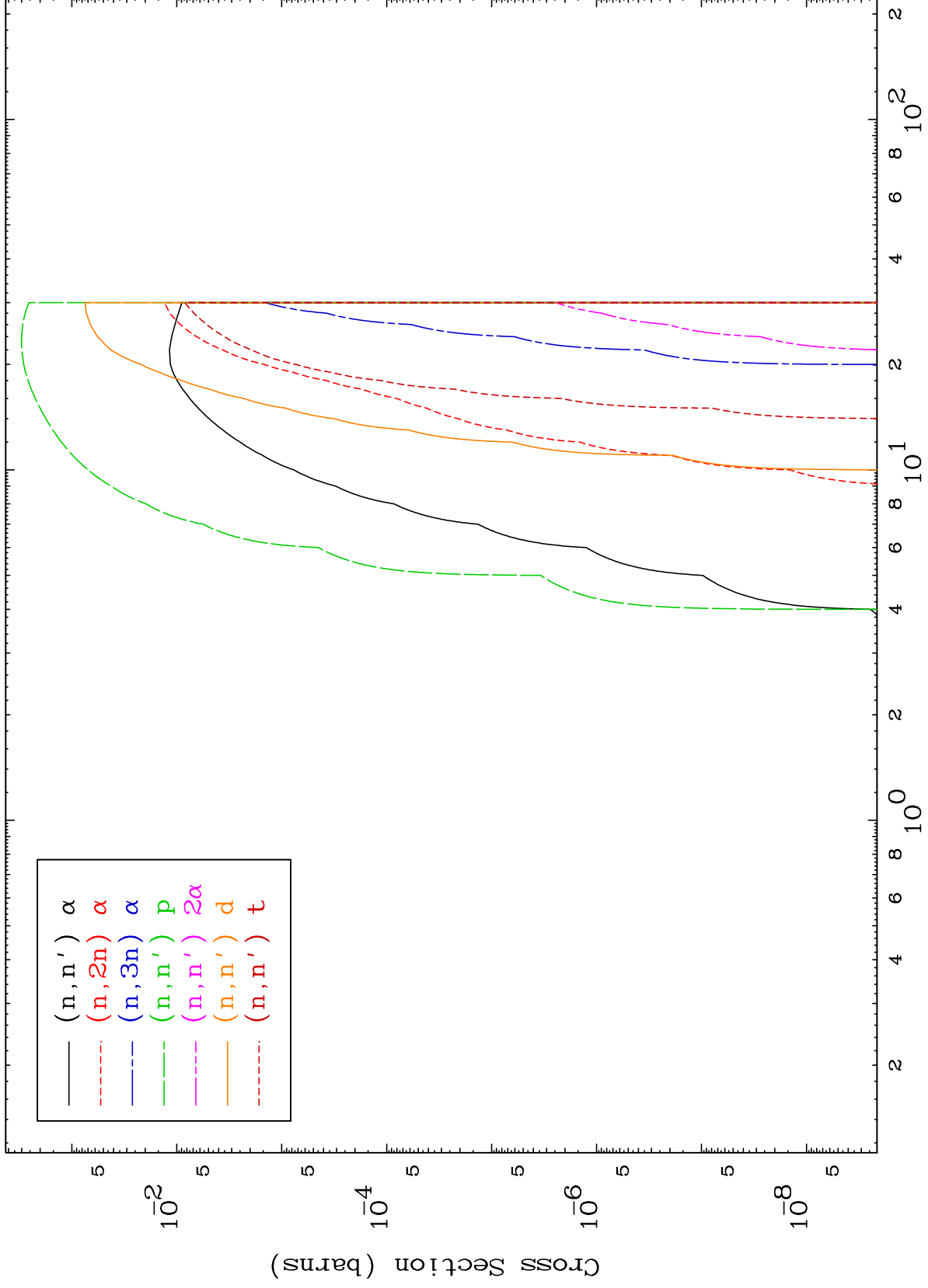
Deuteron Neutron Absorption
0 Kelvin Cross Sections

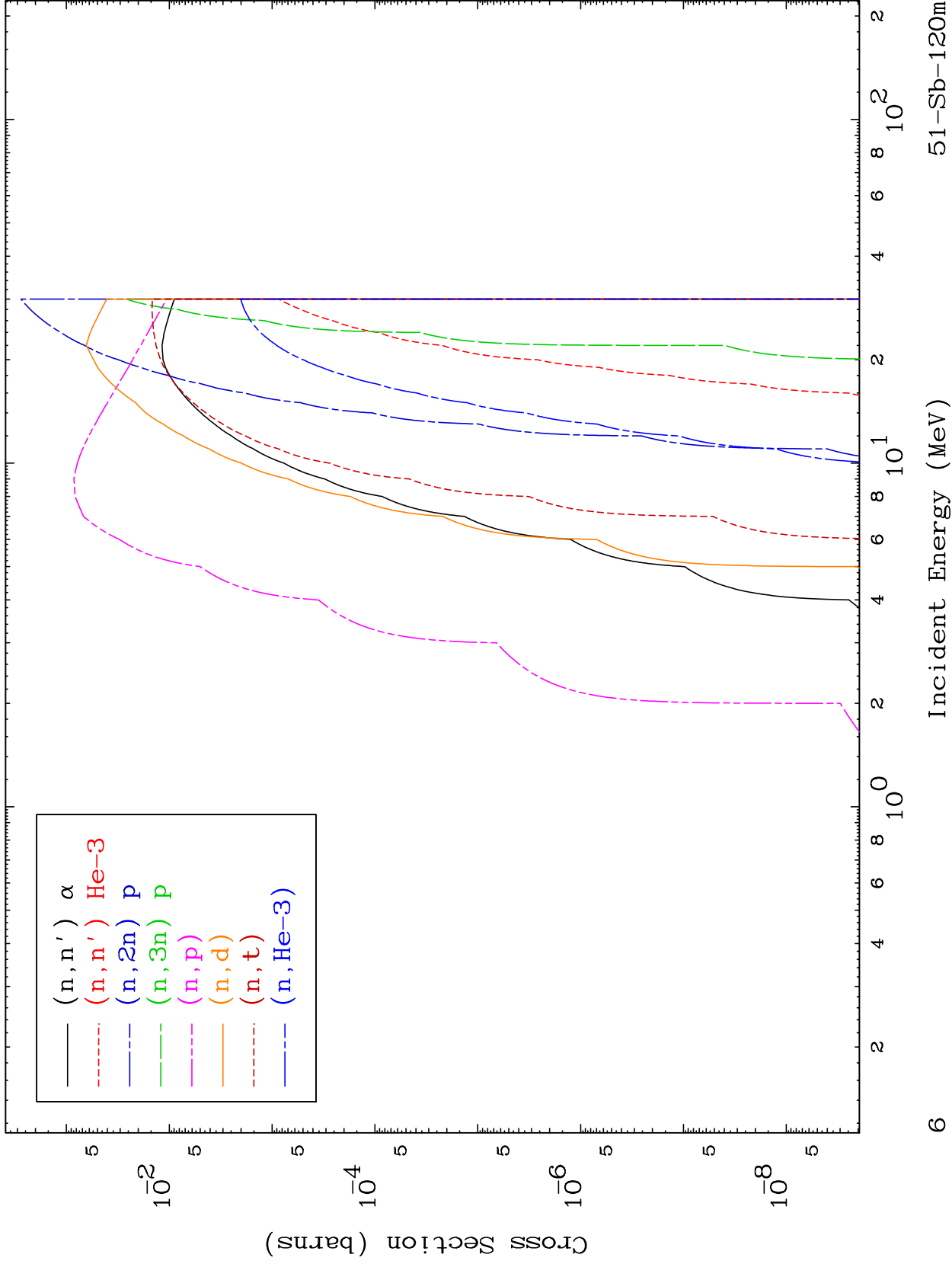
51-Sb-120m



51-Sb-120m

Incident Energy (MeV)

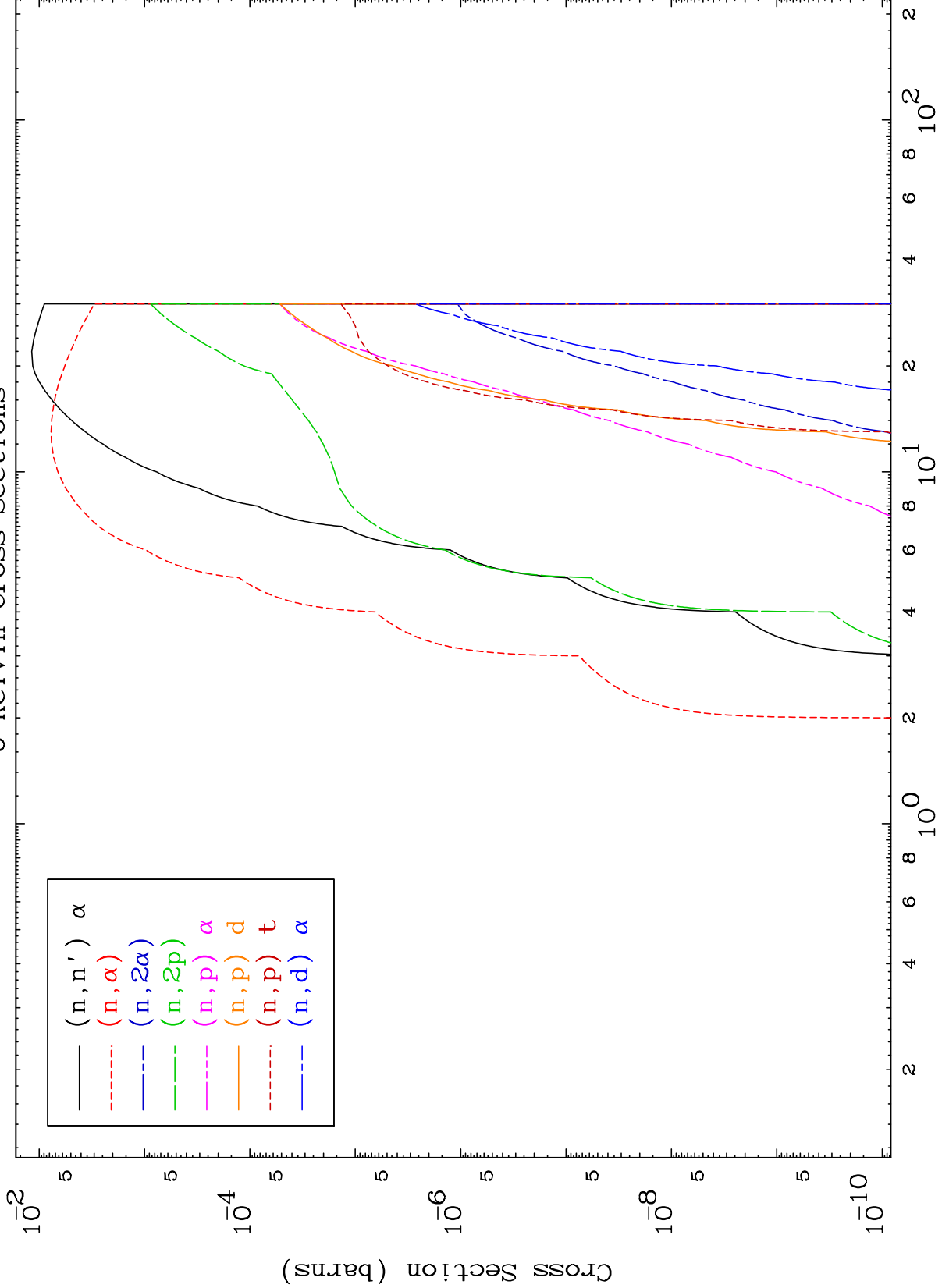




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Deuteron Charged Particle
0 Kelvin Cross Sections

51-Sb-120m



51-Sb-120m

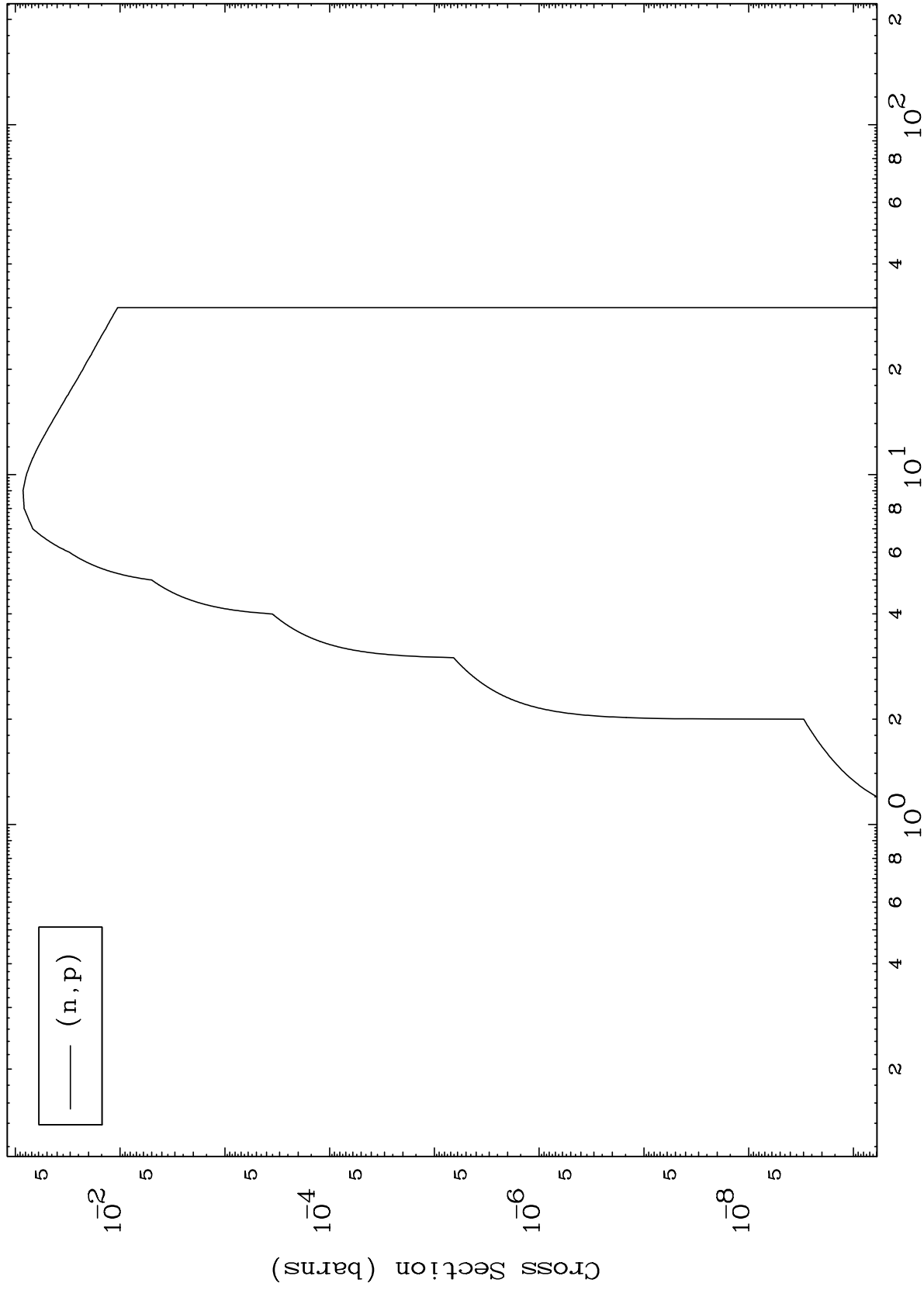
Incident Energy (MeV)

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(d,p) Levels

51-Sb-120m

0 Kelvin Cross Sections

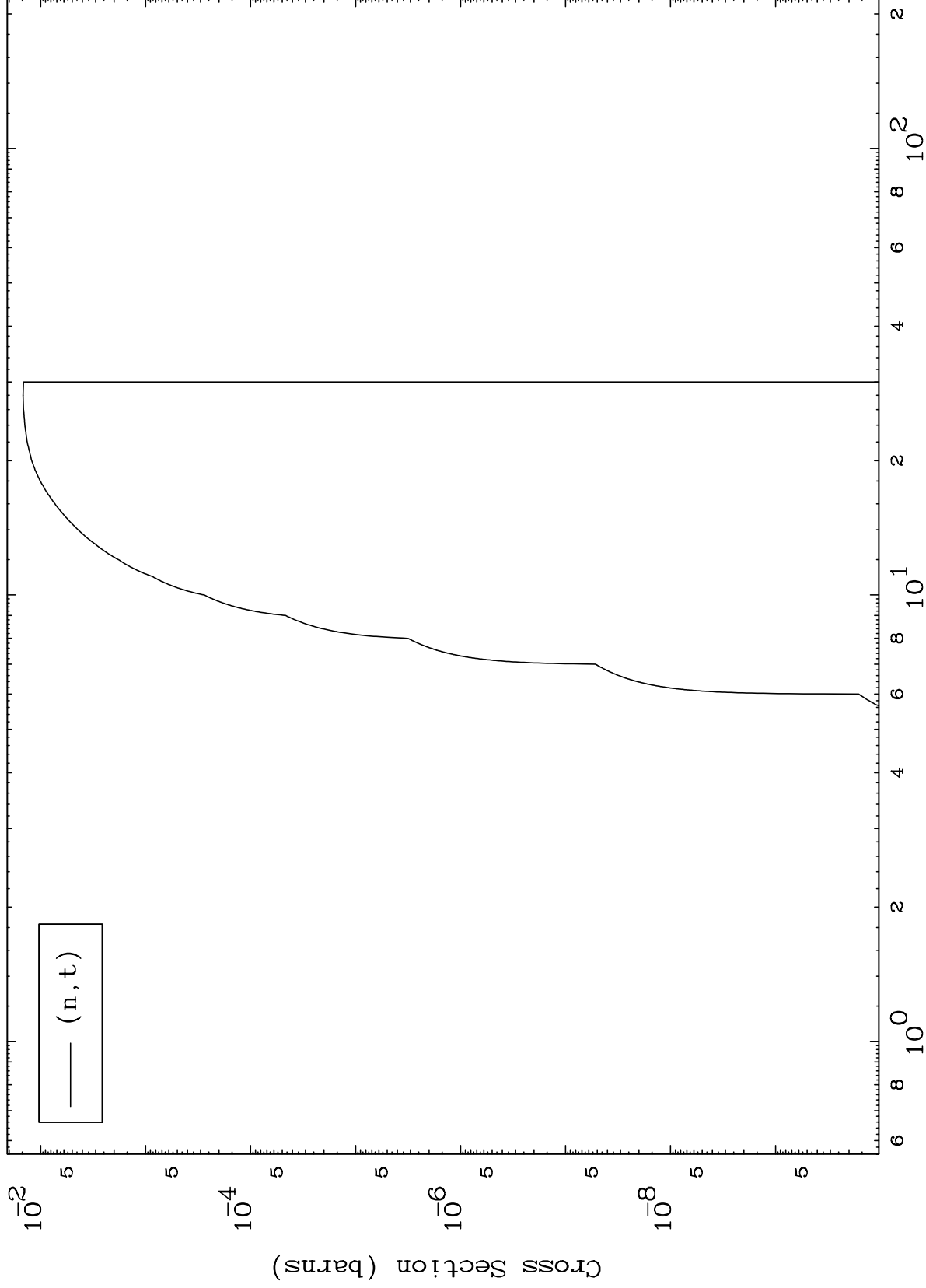


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(d, t) Levels

51-Sb-120m

0 Kelvin Cross Sections



Incident Energy (MeV)

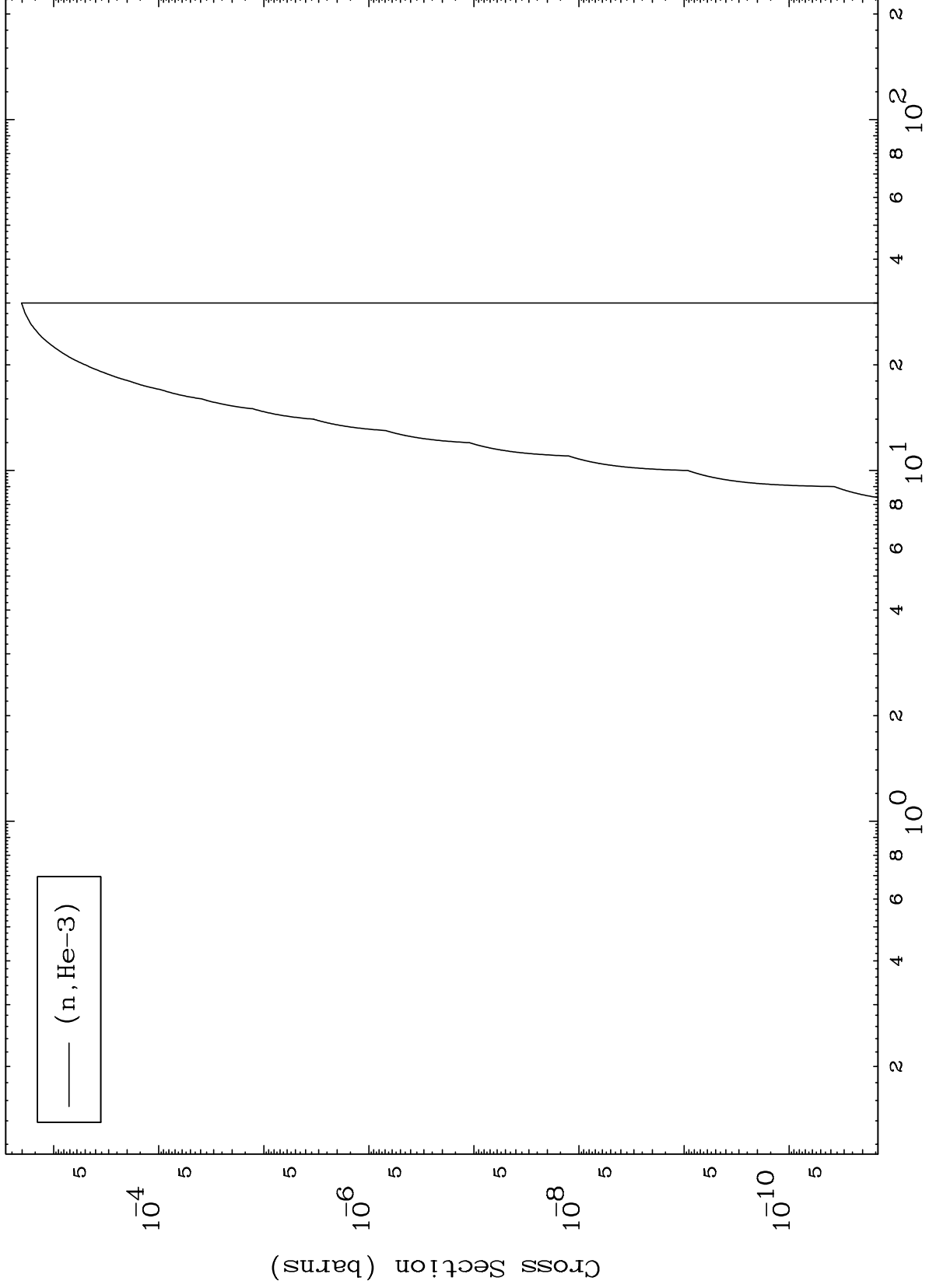
51-Sb-120m

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(d,He3) Levels

51-Sb-120m

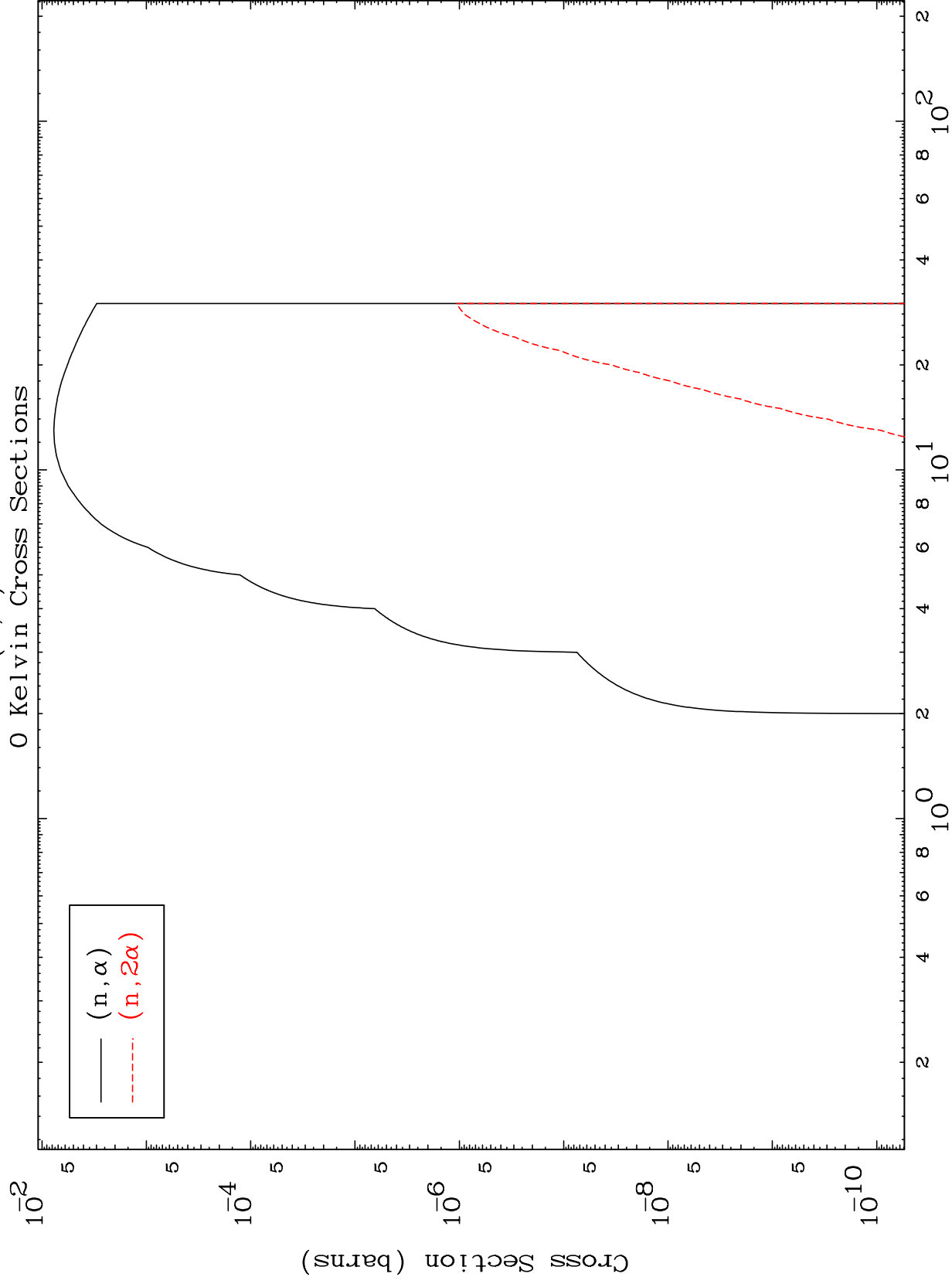
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

51-Sb-120m



12

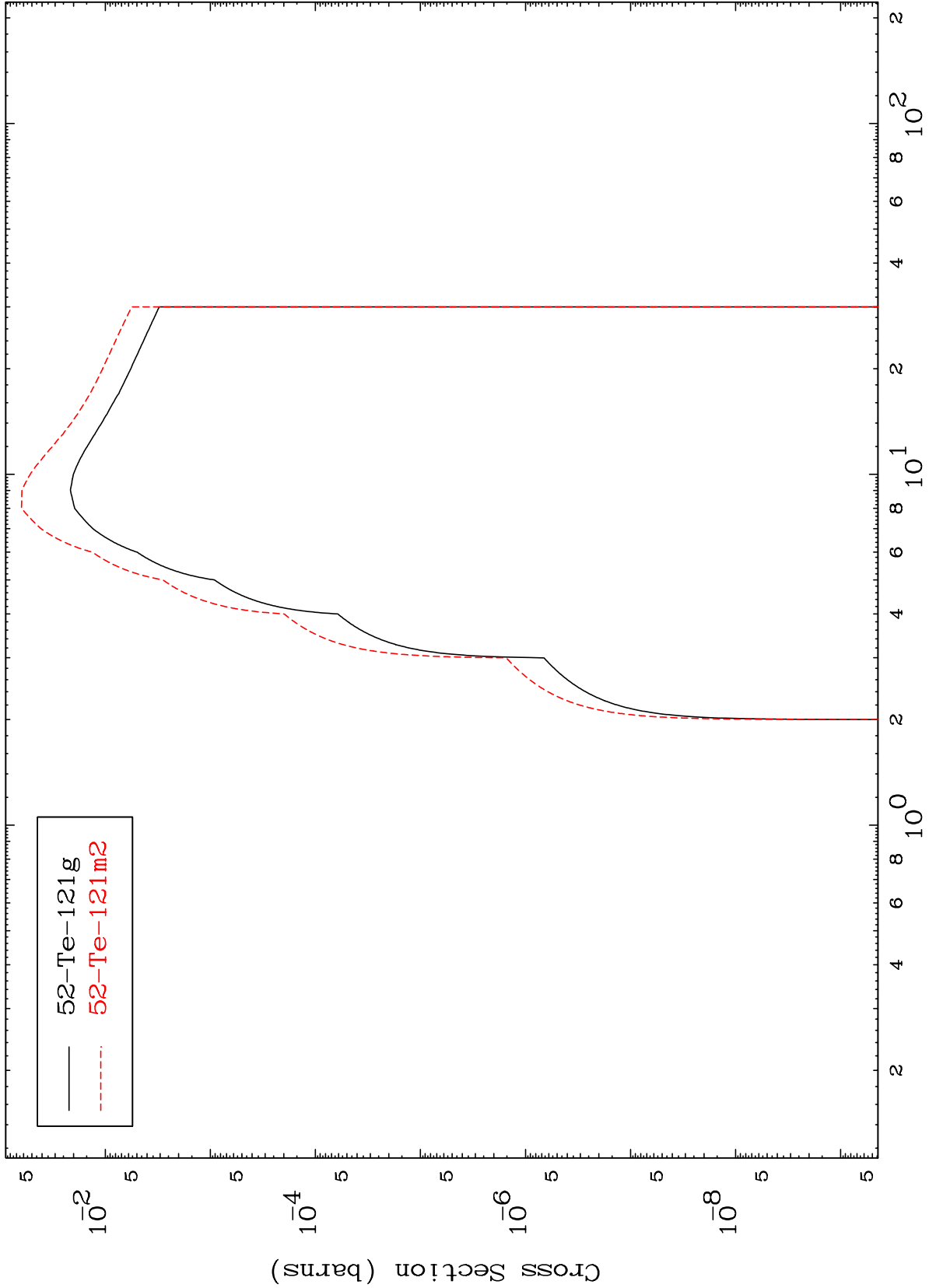
Incident Energy (MeV)

51-Sb-120m

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51-Sb-120m

Inelastic
Radionuclide Production Cross Section



— 52-Te-121g
- - - 52-Te-121m2

51-Sb-120m

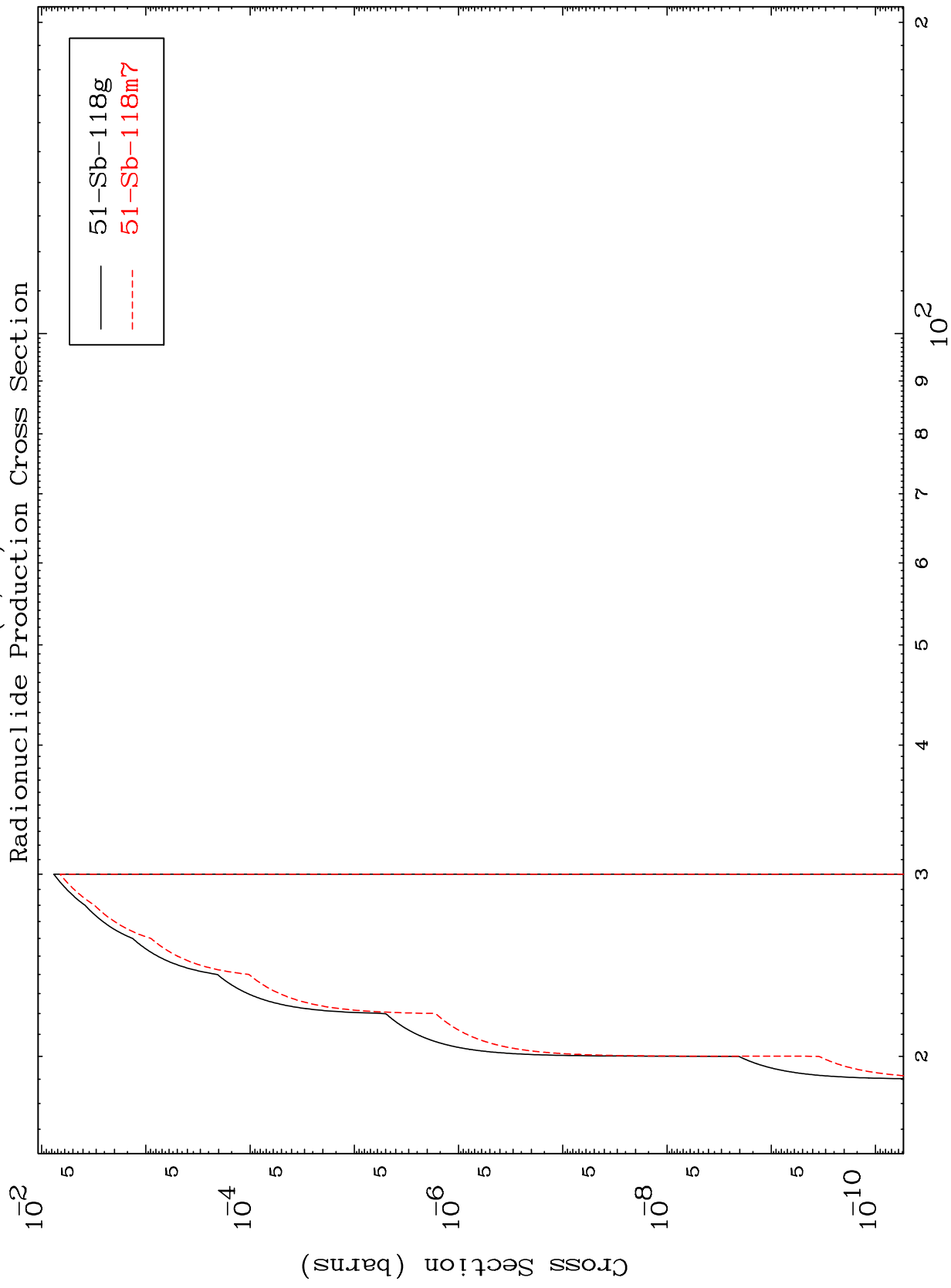
Incident Energy (MeV)

13

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(n,2n) d

51-Sb-120m



14

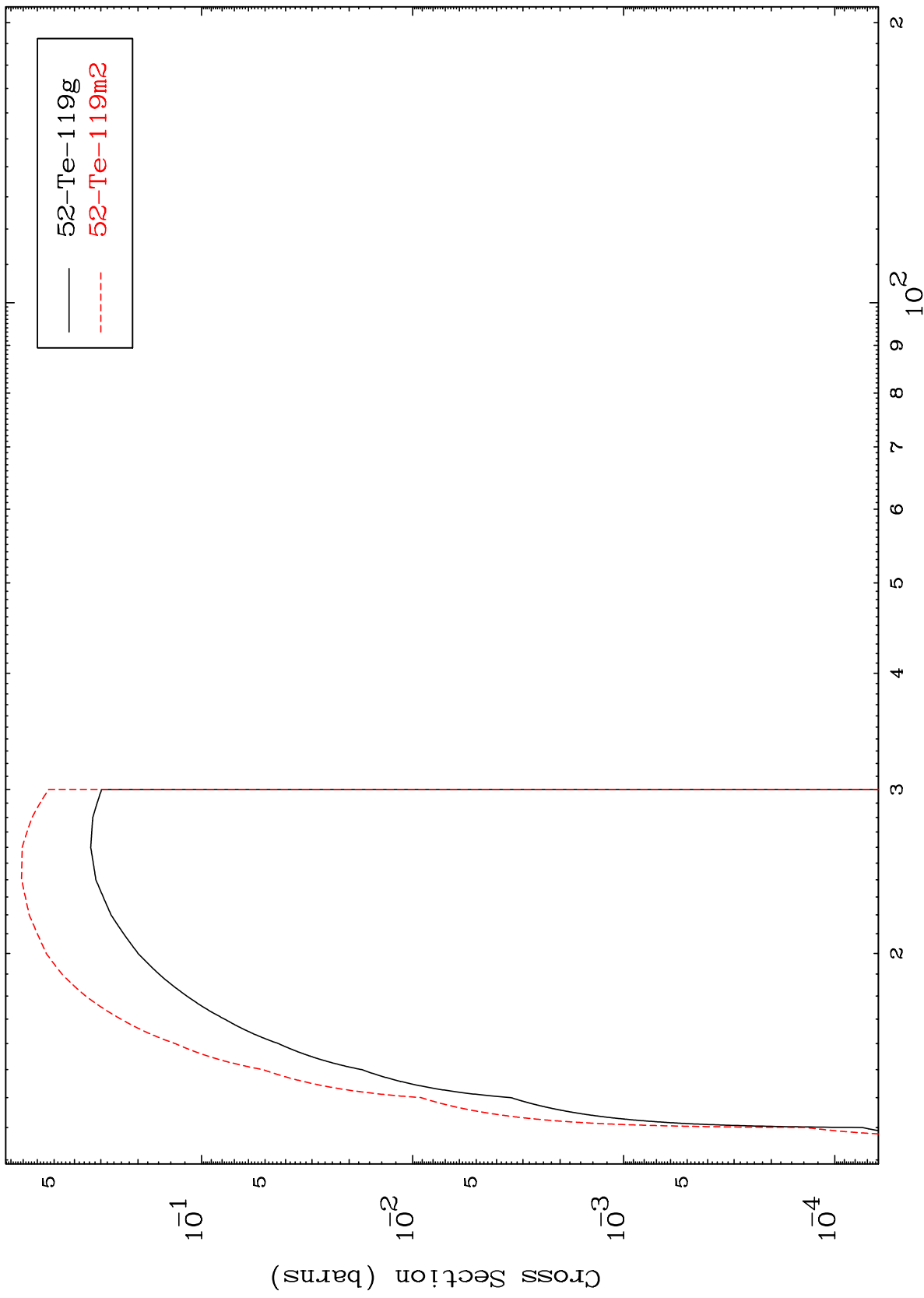
Incident Energy (MeV)

51-Sb-120m

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51-Sb-120m

(n,3n)
Radionuclide Production Cross Section



15

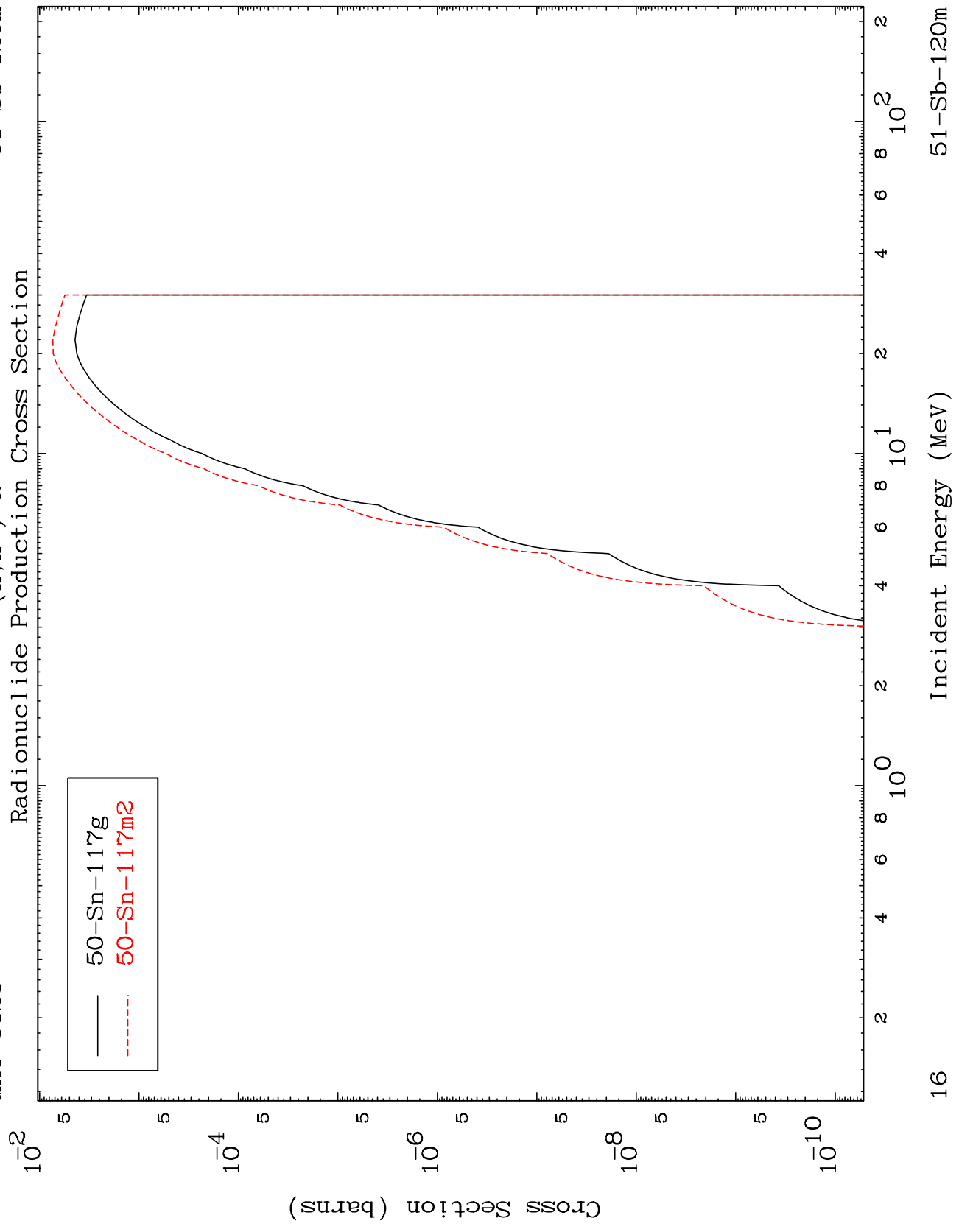
Incident Energy (MeV)

51-Sb-120m

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(n,n') α

51-Sb-120m

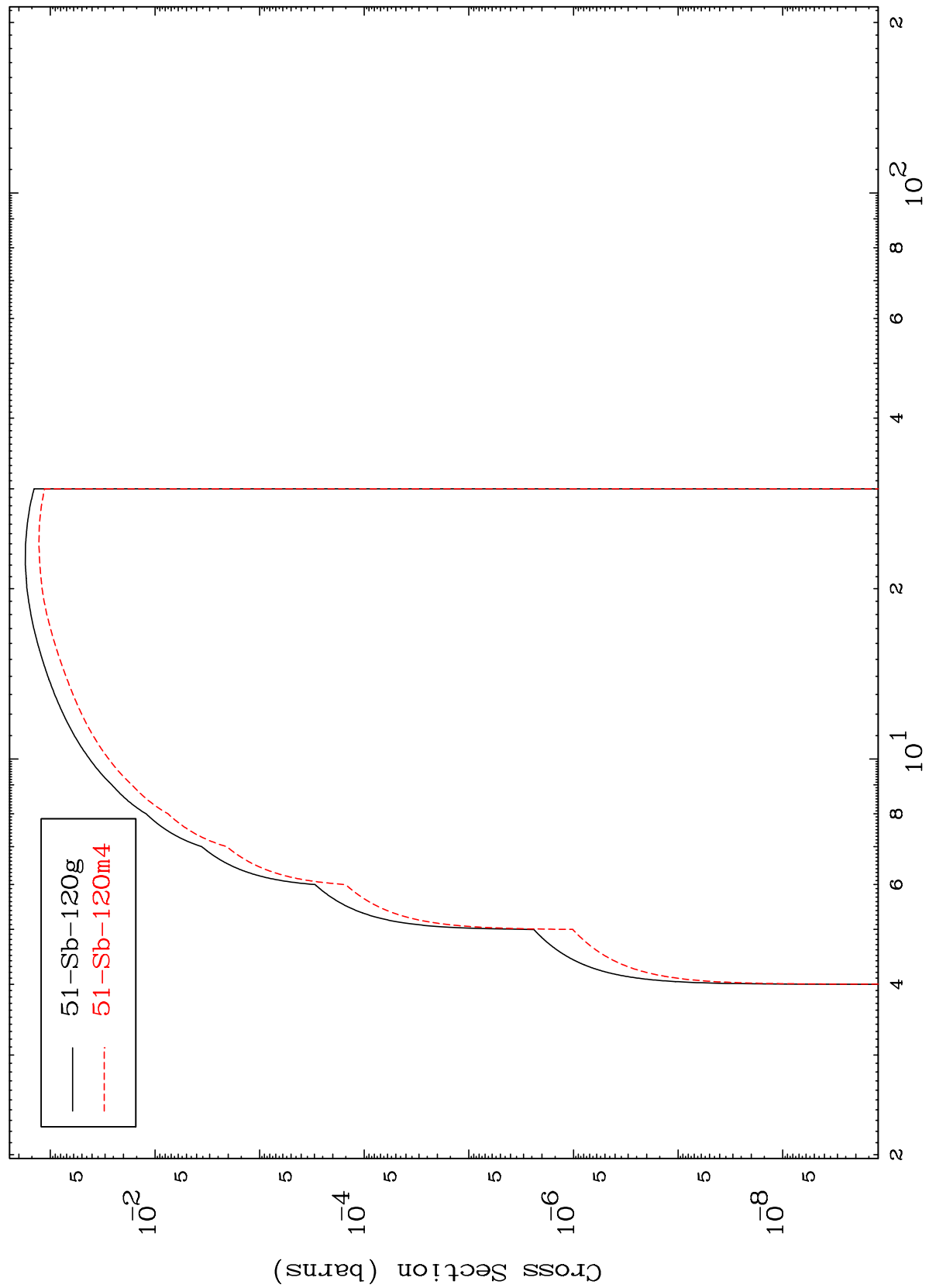


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51-Sb-120m

(n,n') p

Radionuclide Production Cross Section

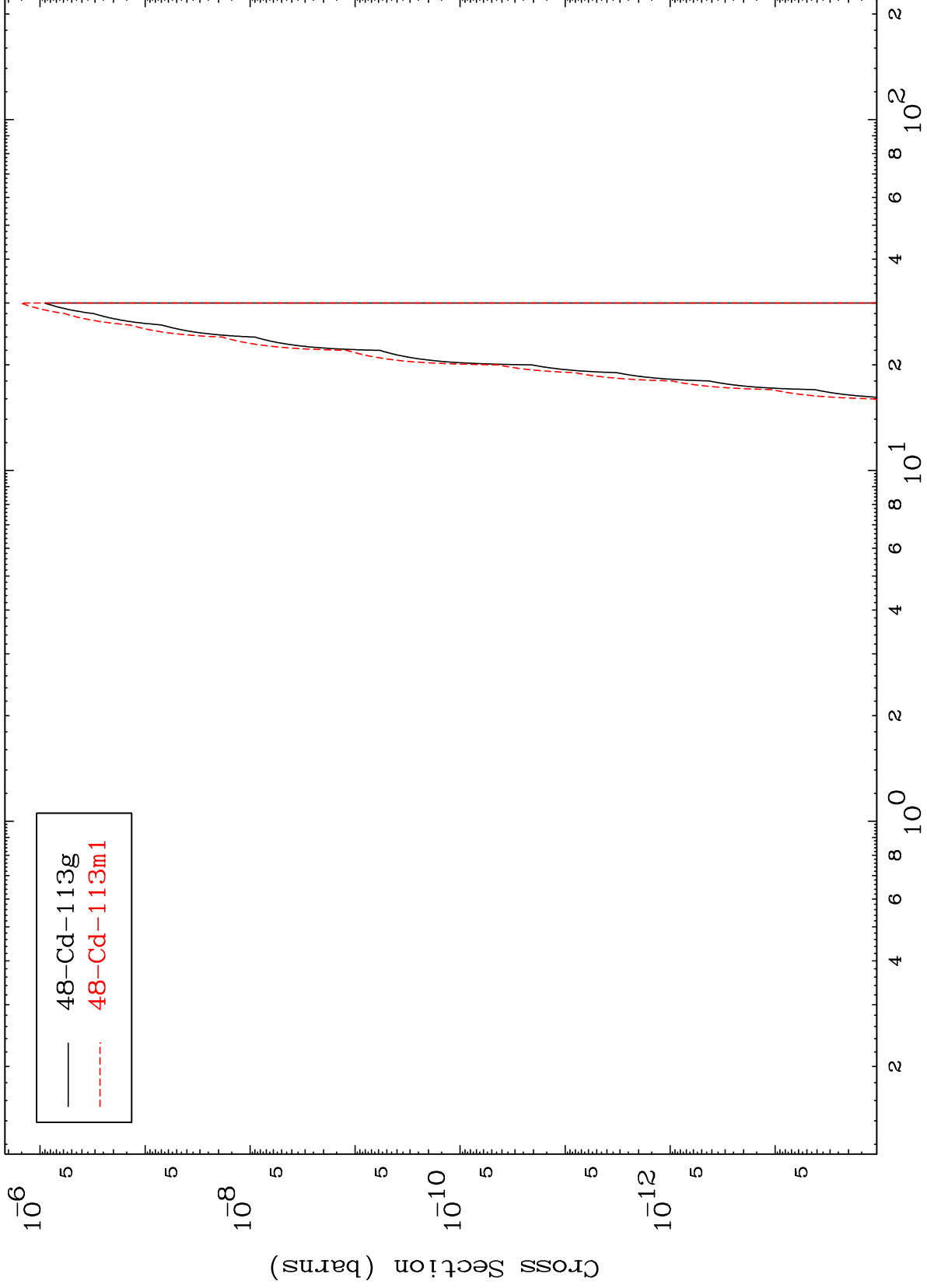


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(n,n') 2 α

51-Sb-120m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

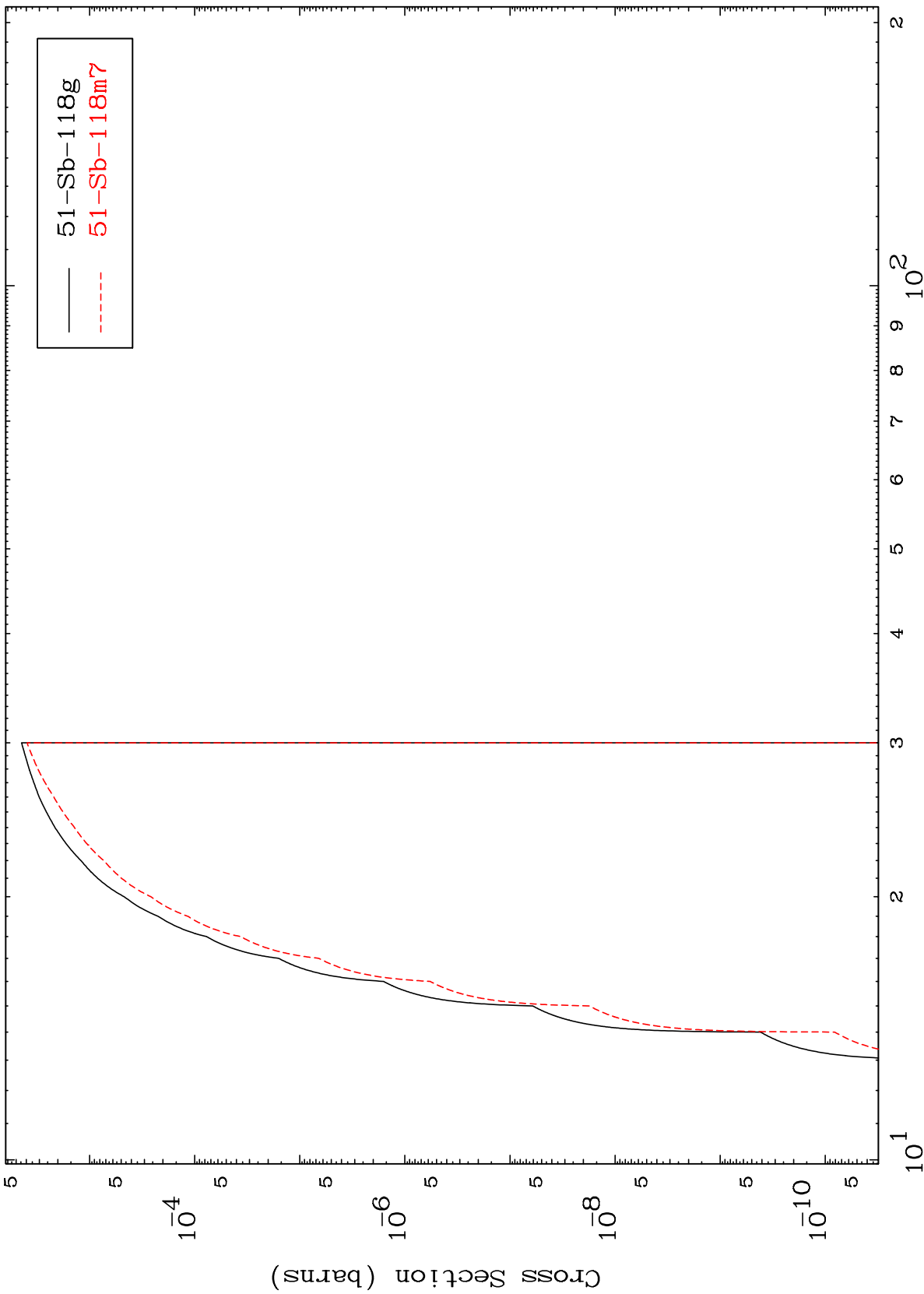
51-Sb-120m

MAT 5123

(n,n') t

51-Sb-120m

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

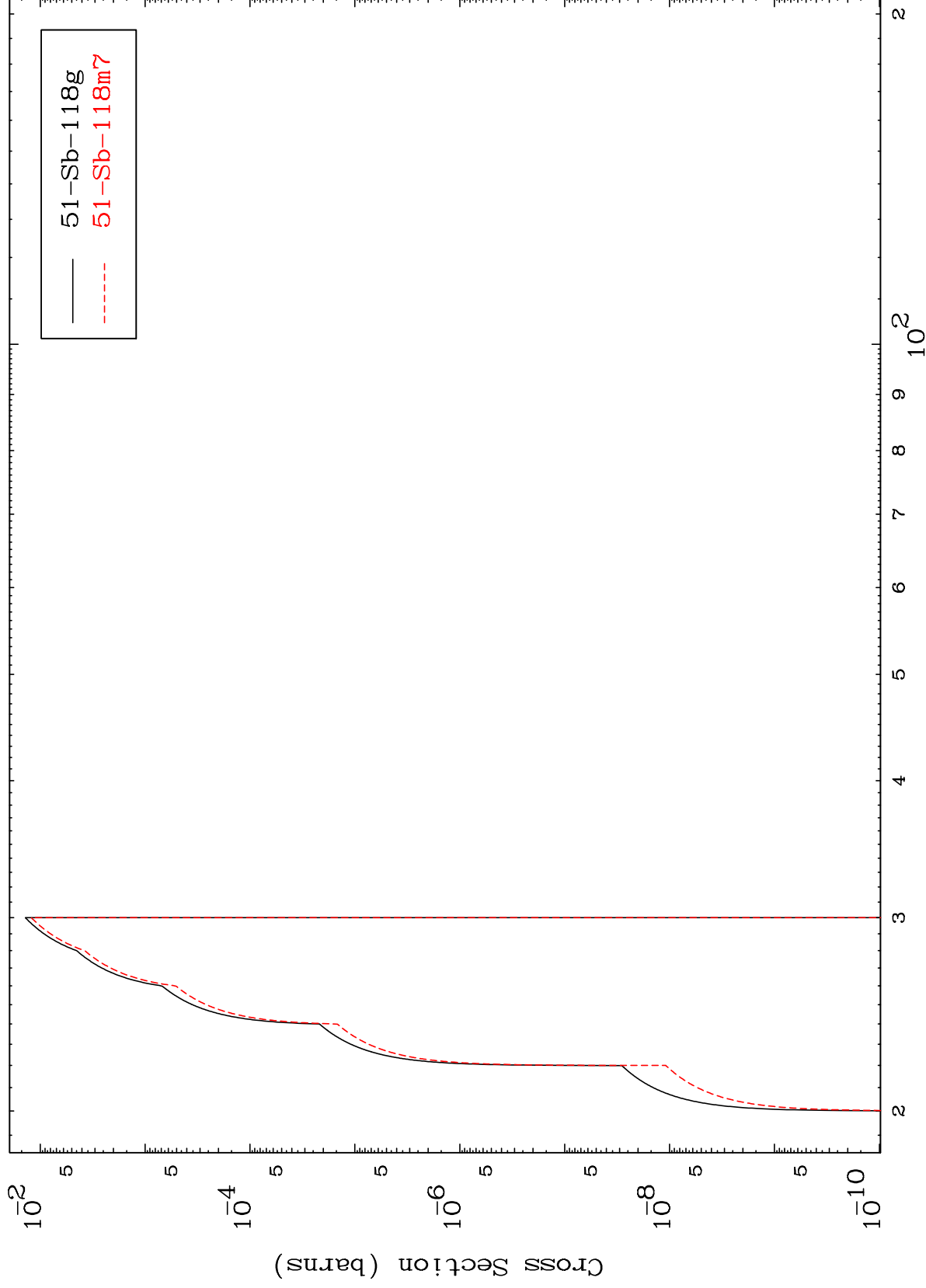
51-Sb-120m

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(n,3n) p

51-Sb-120m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

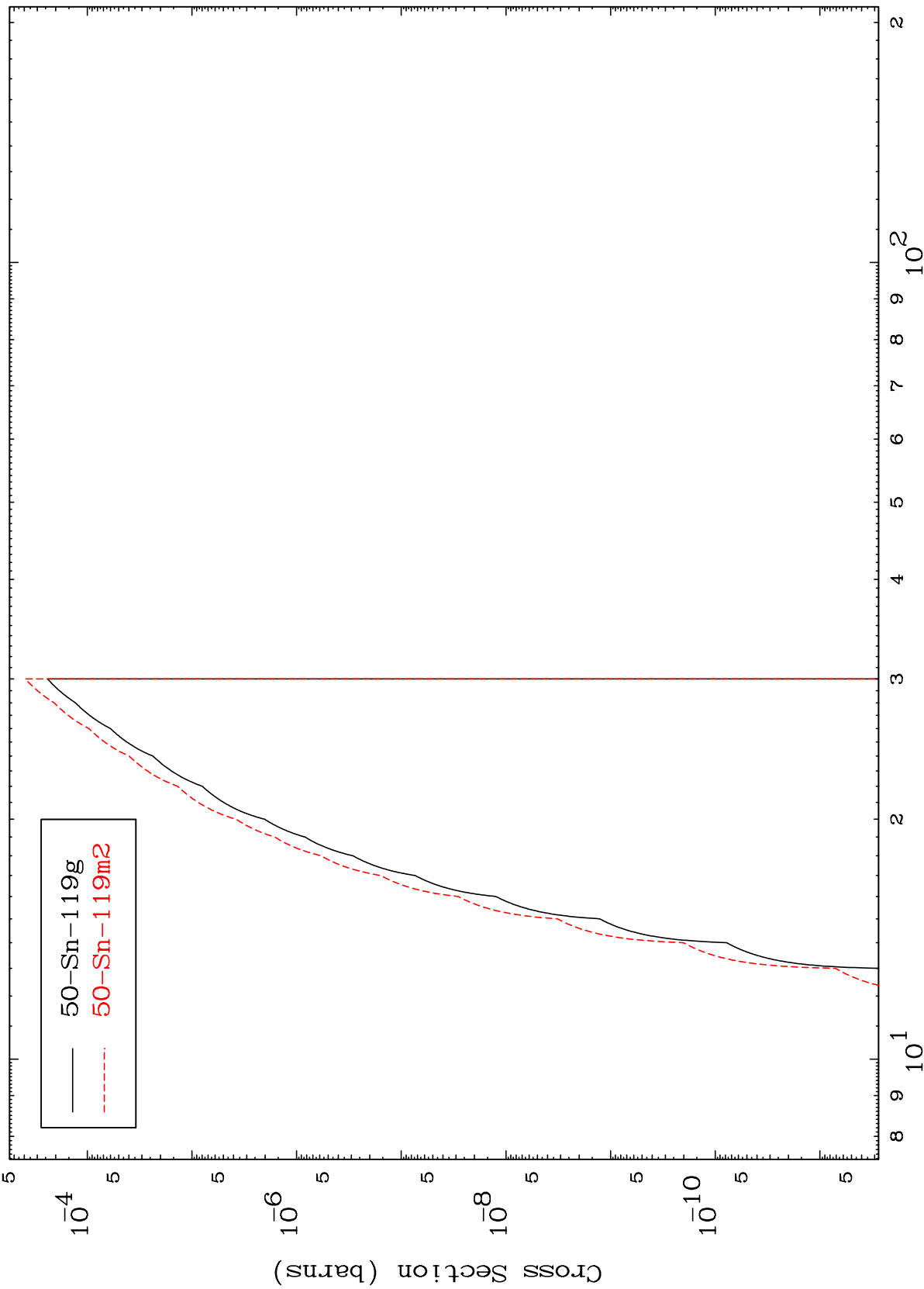
51-Sb-120m

MAT 5123

(n,2n) p

51-Sb-120m

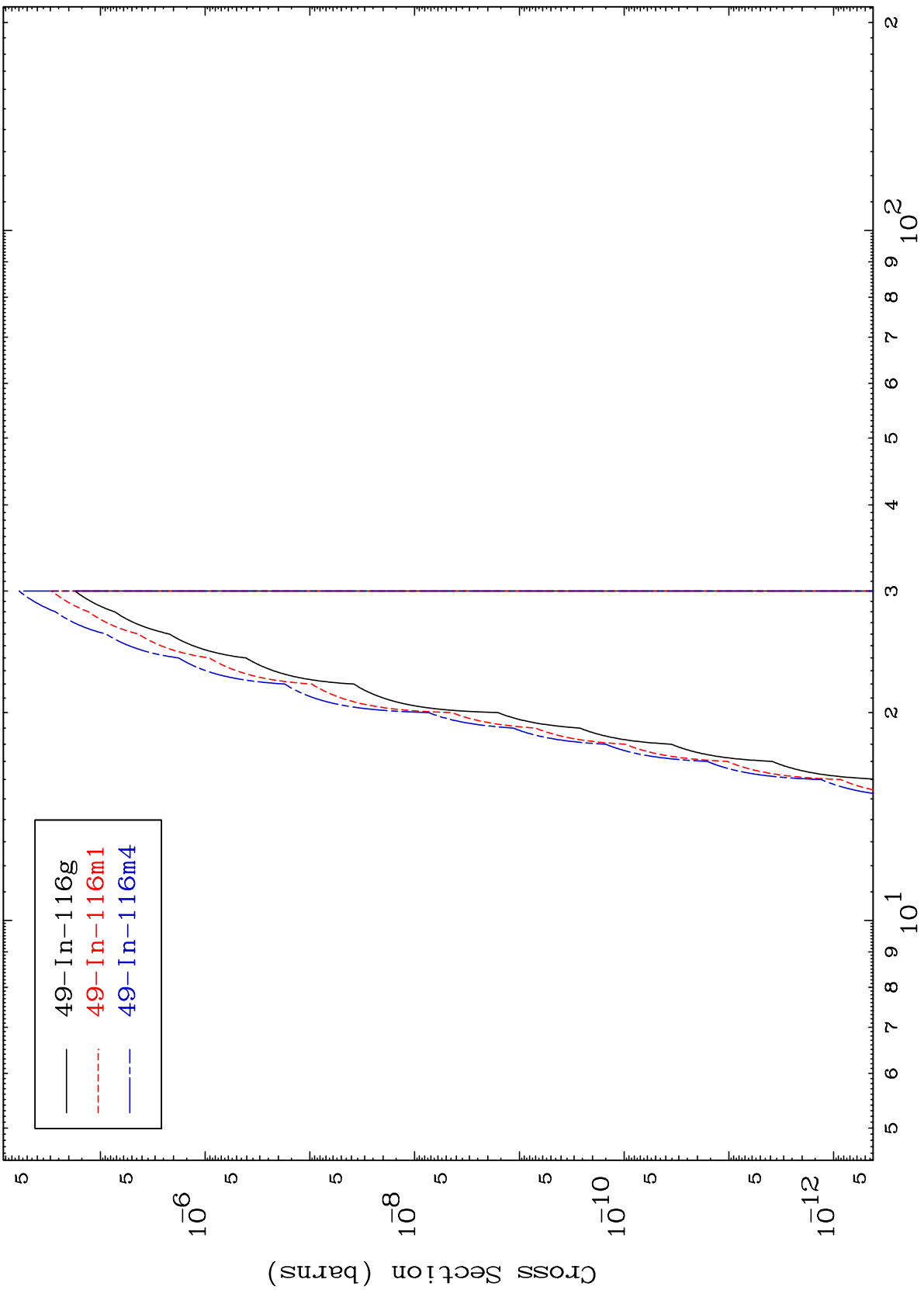
Radionuclide Production Cross Section



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51-Sb-120m

(n,n') p α
Radionuclide Production Cross Section



51-Sb-120m

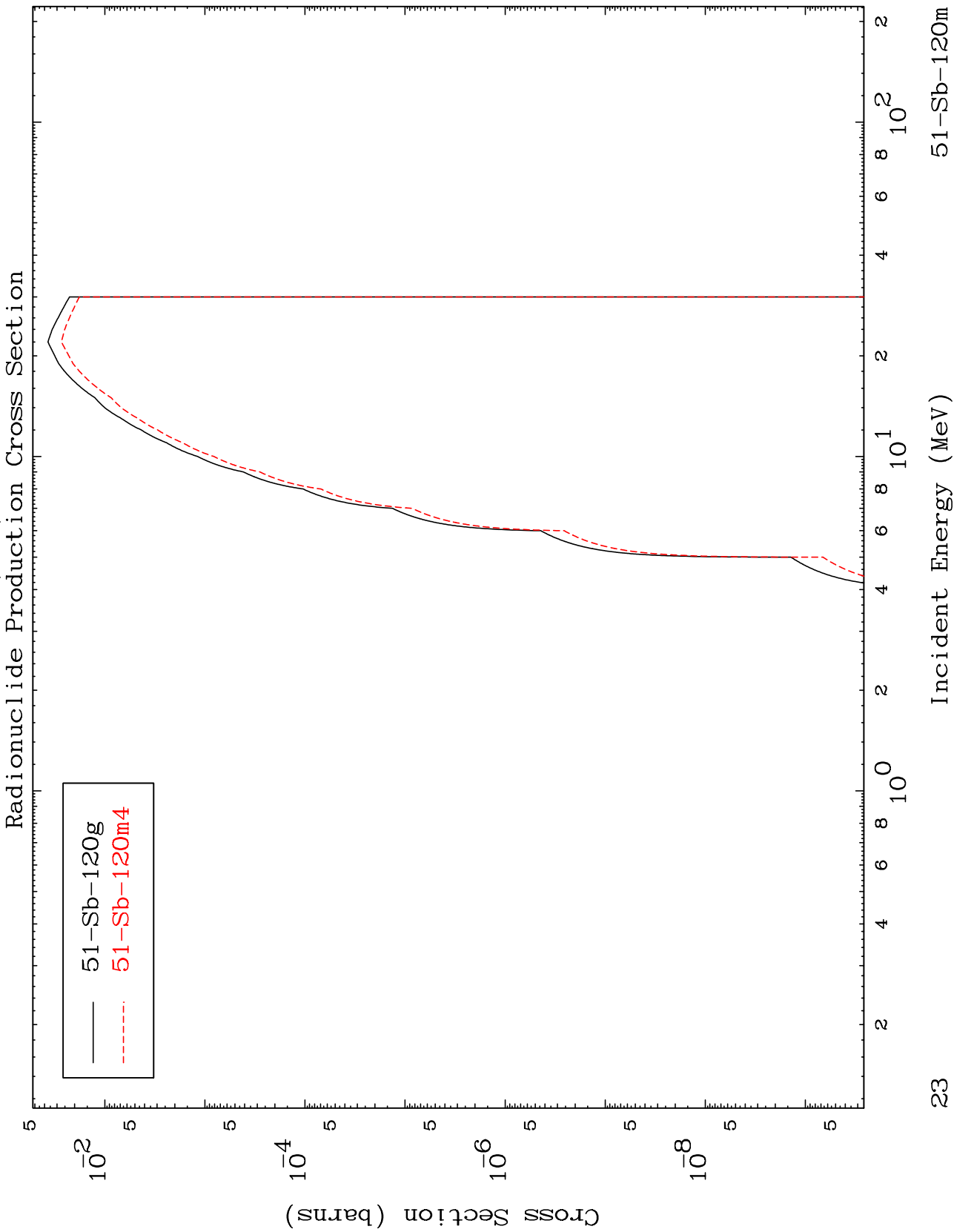
Incident Energy (MeV)

22

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(n, d)

51-Sb-120m

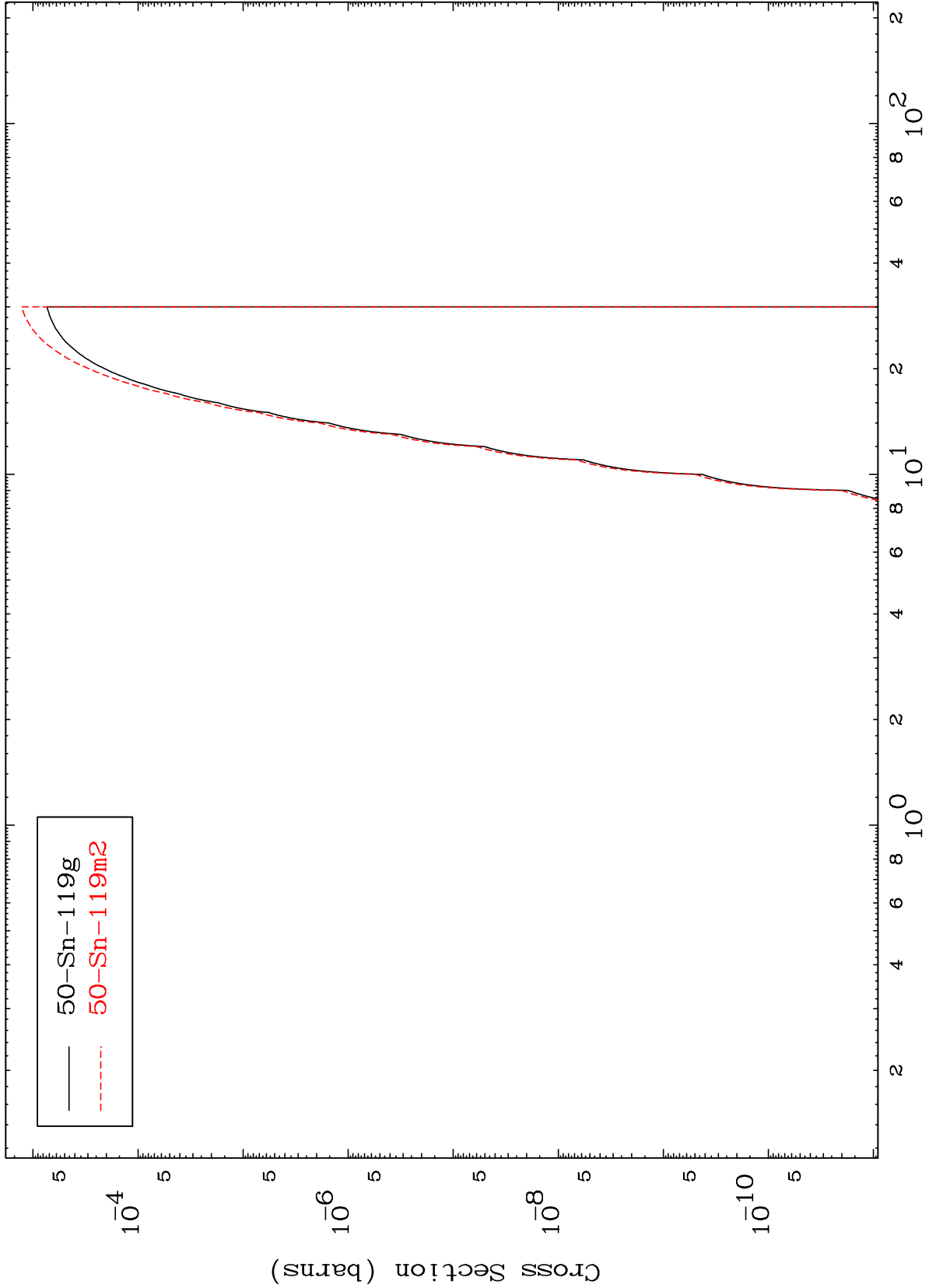


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(n,He-3)

51-Sb-120m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

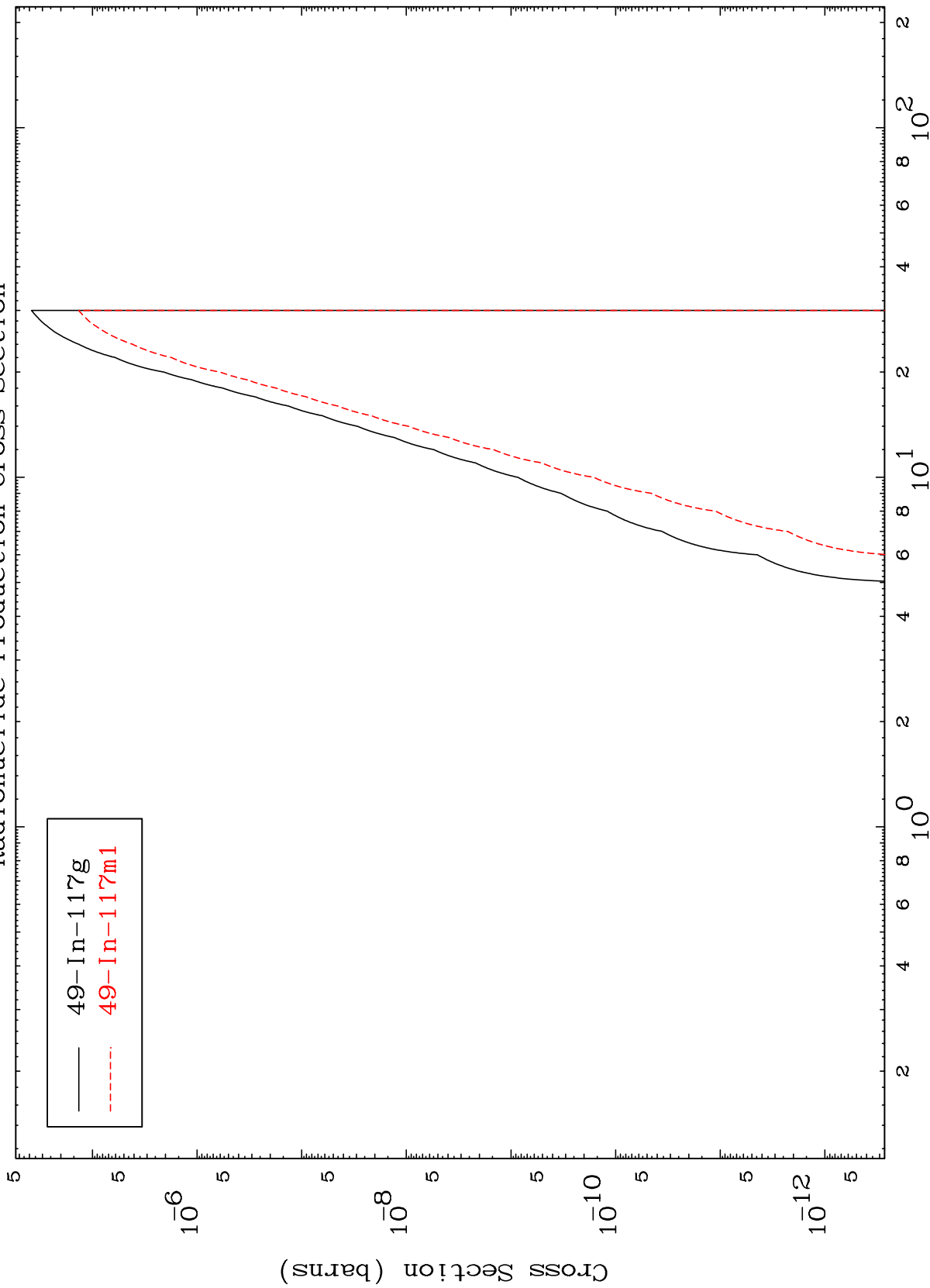
51-Sb-120m

MAT 5123

(n,p) α

51-Sb-120m

Radionuclide Production Cross Section

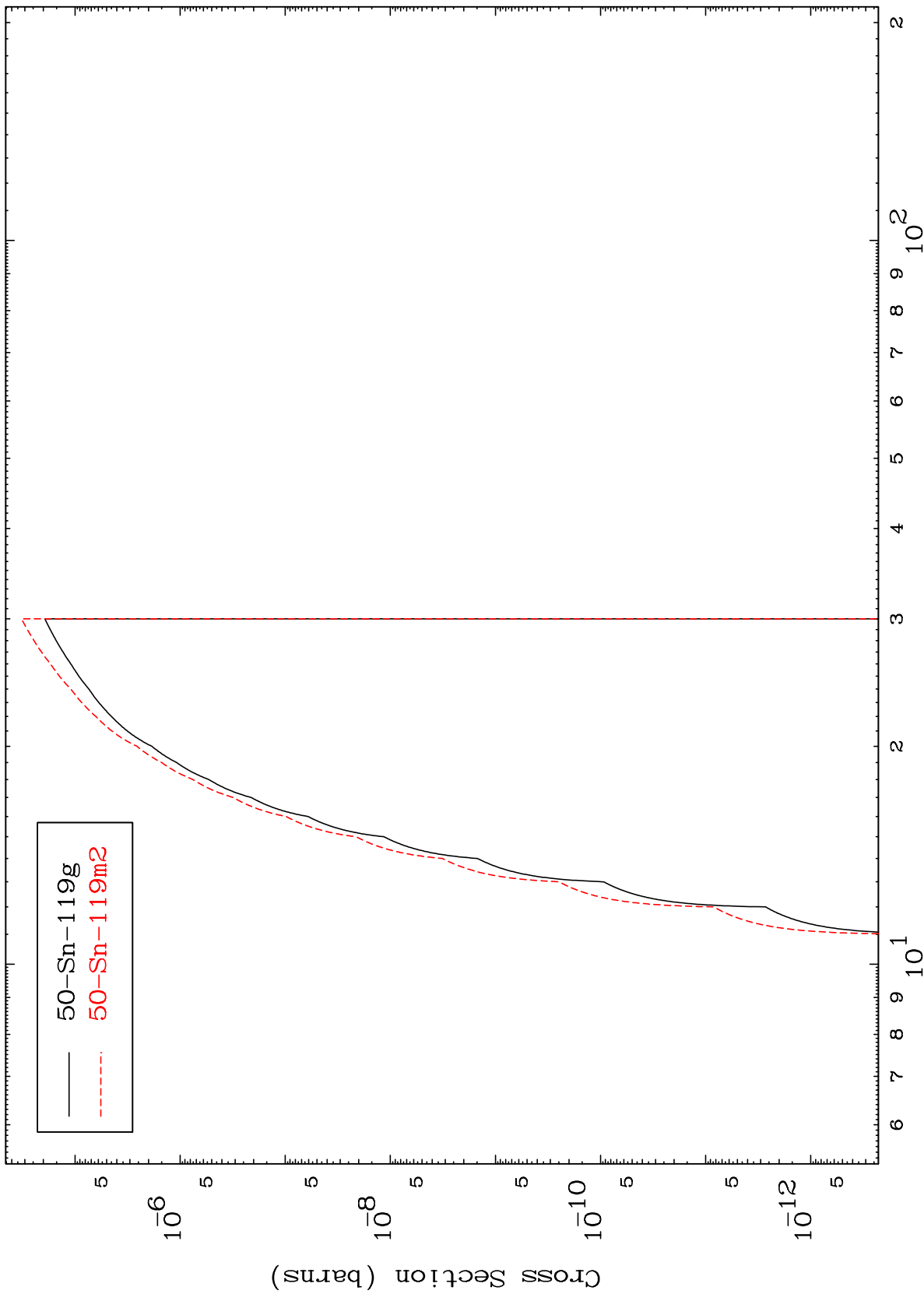


MAT 5123

51-Sb-120m

(n,p) d

Radionuclide Production Cross Section



26

Incident Energy (MeV)

51-Sb-120m

MAT 5123

(n,d) α

51-Sb-120m

Radionuclide Production Cross Section

