

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

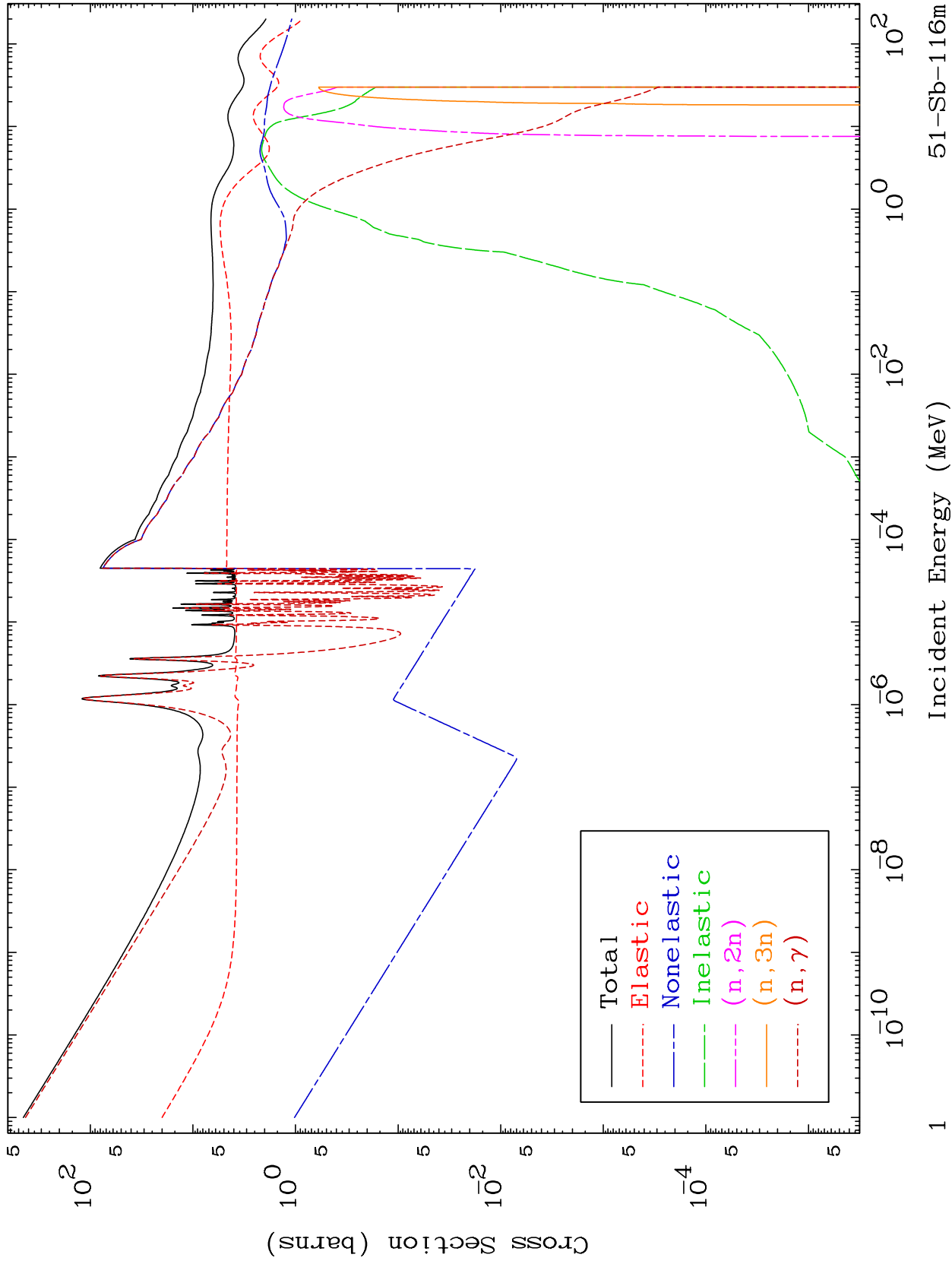
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5111

Neutron Major  
293 Kelvin Cross Sections

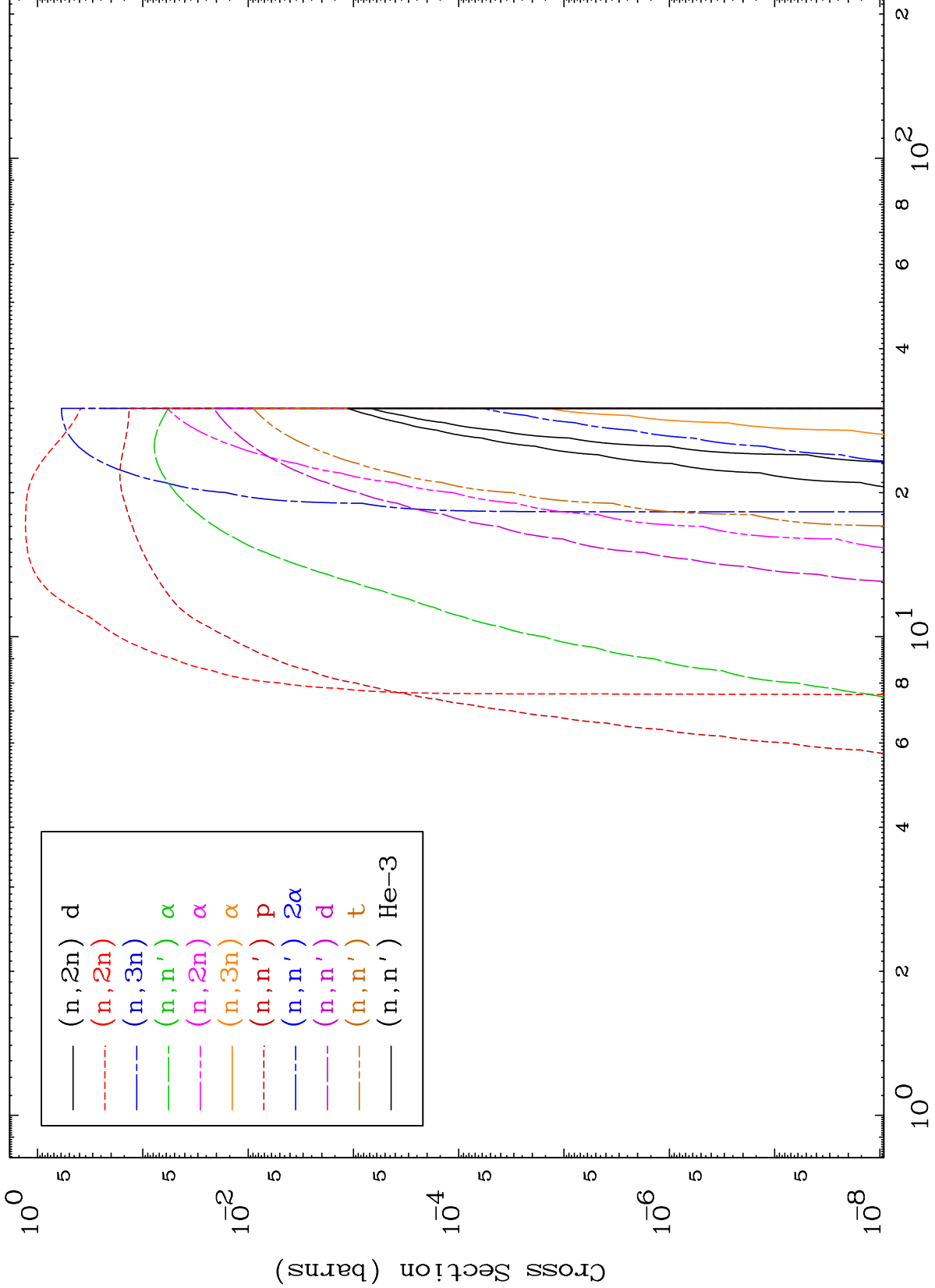
51-Sb-116m



MAT 5111

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-116m



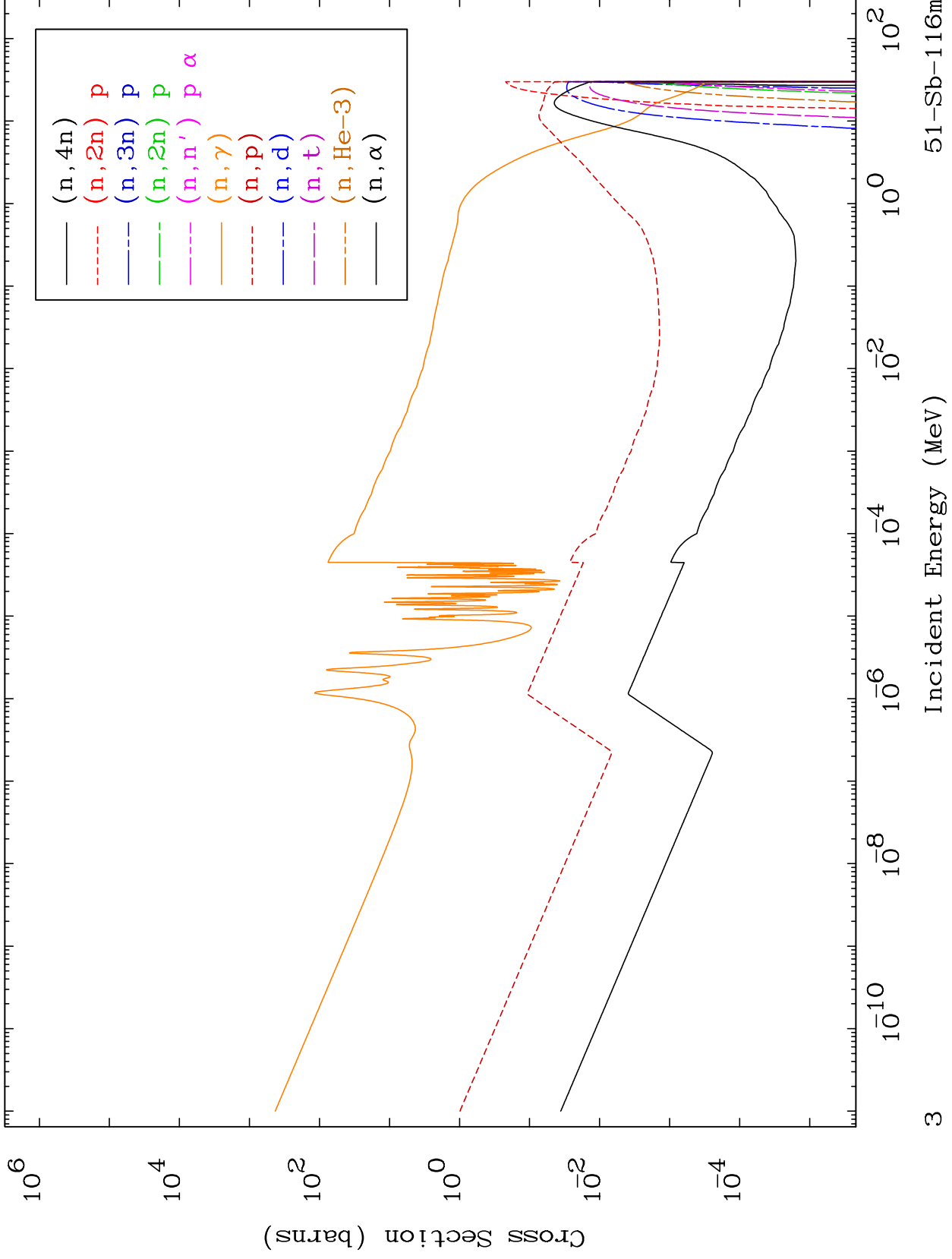
Incident Energy (MeV)

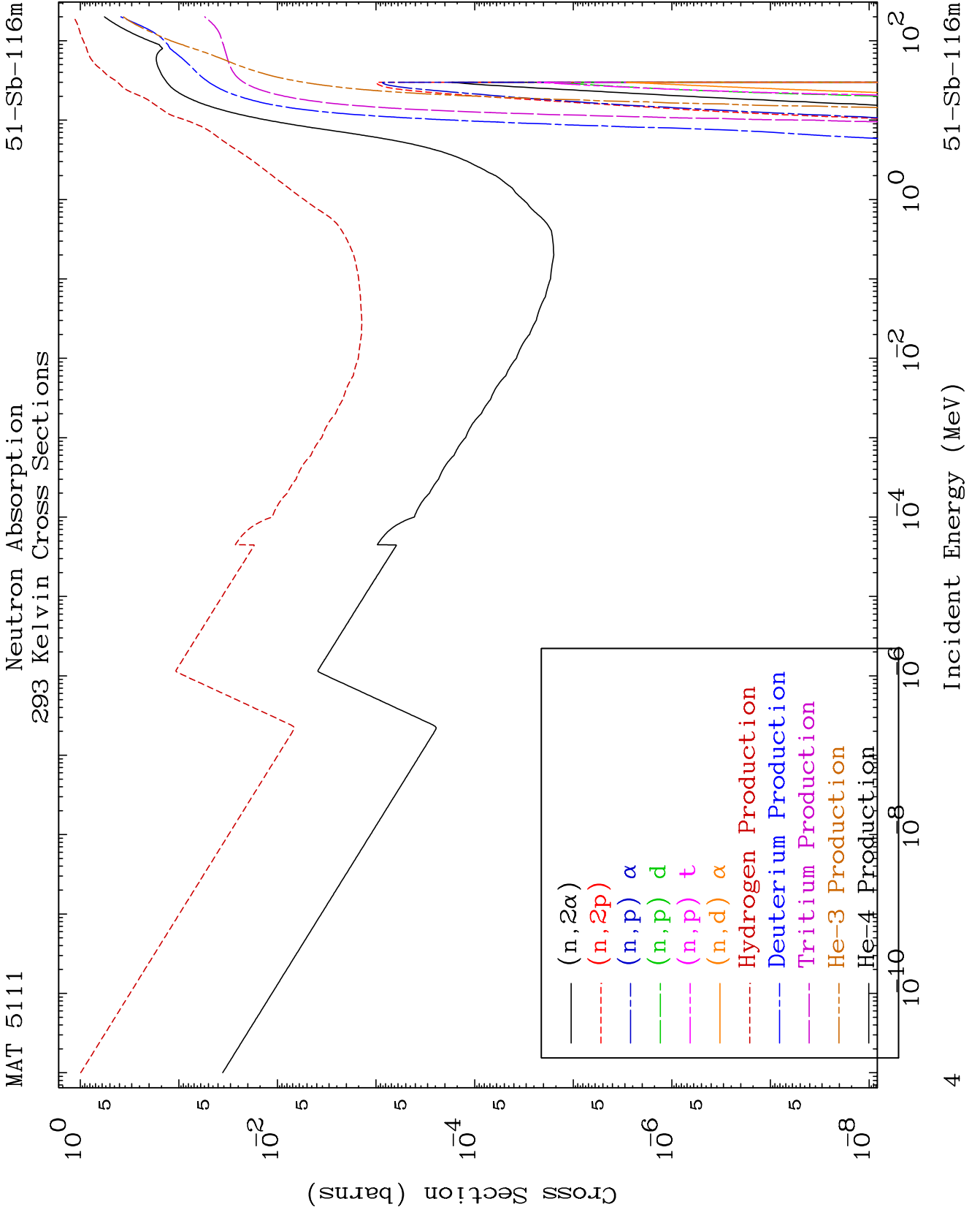
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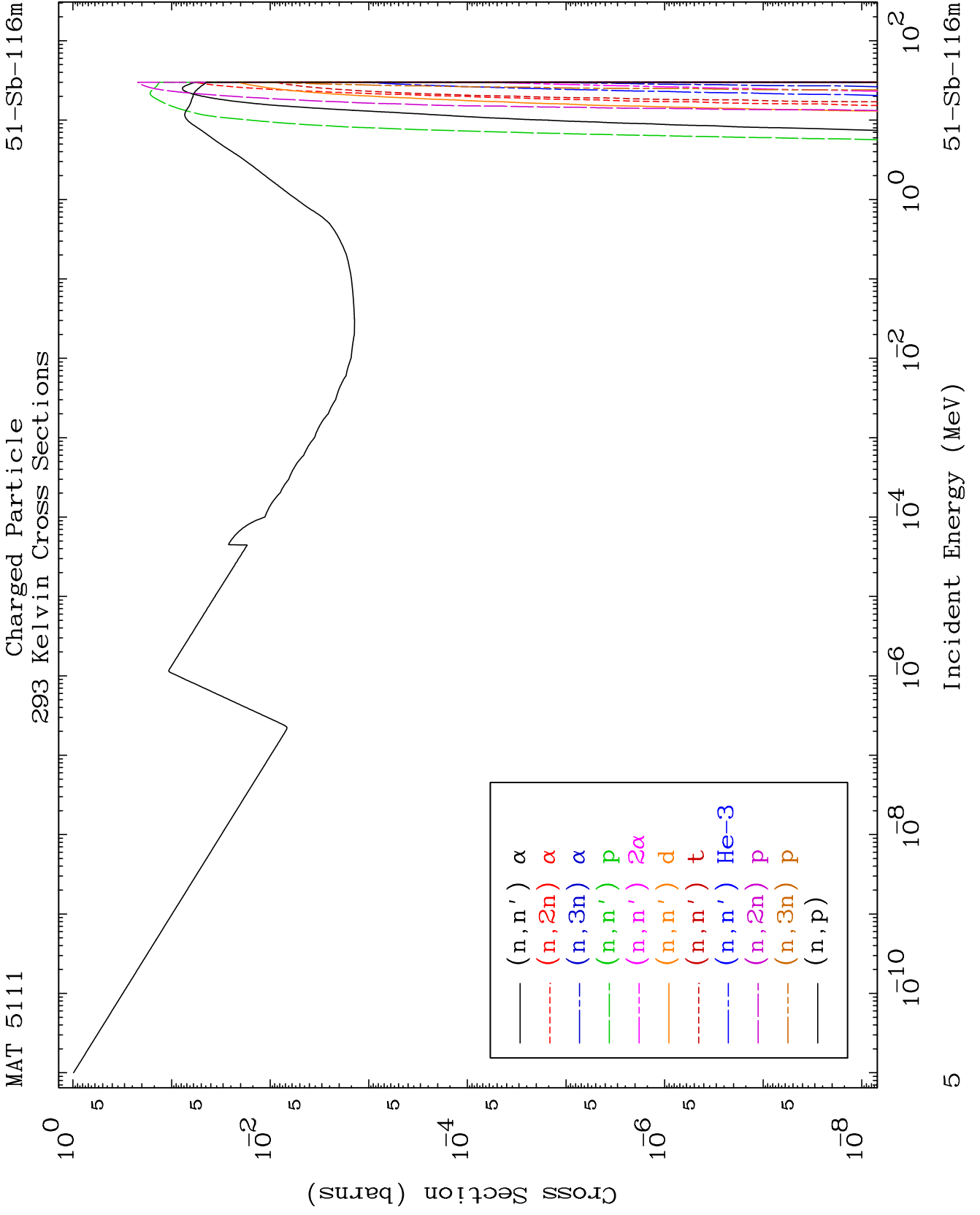
MAT 5111

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-116m



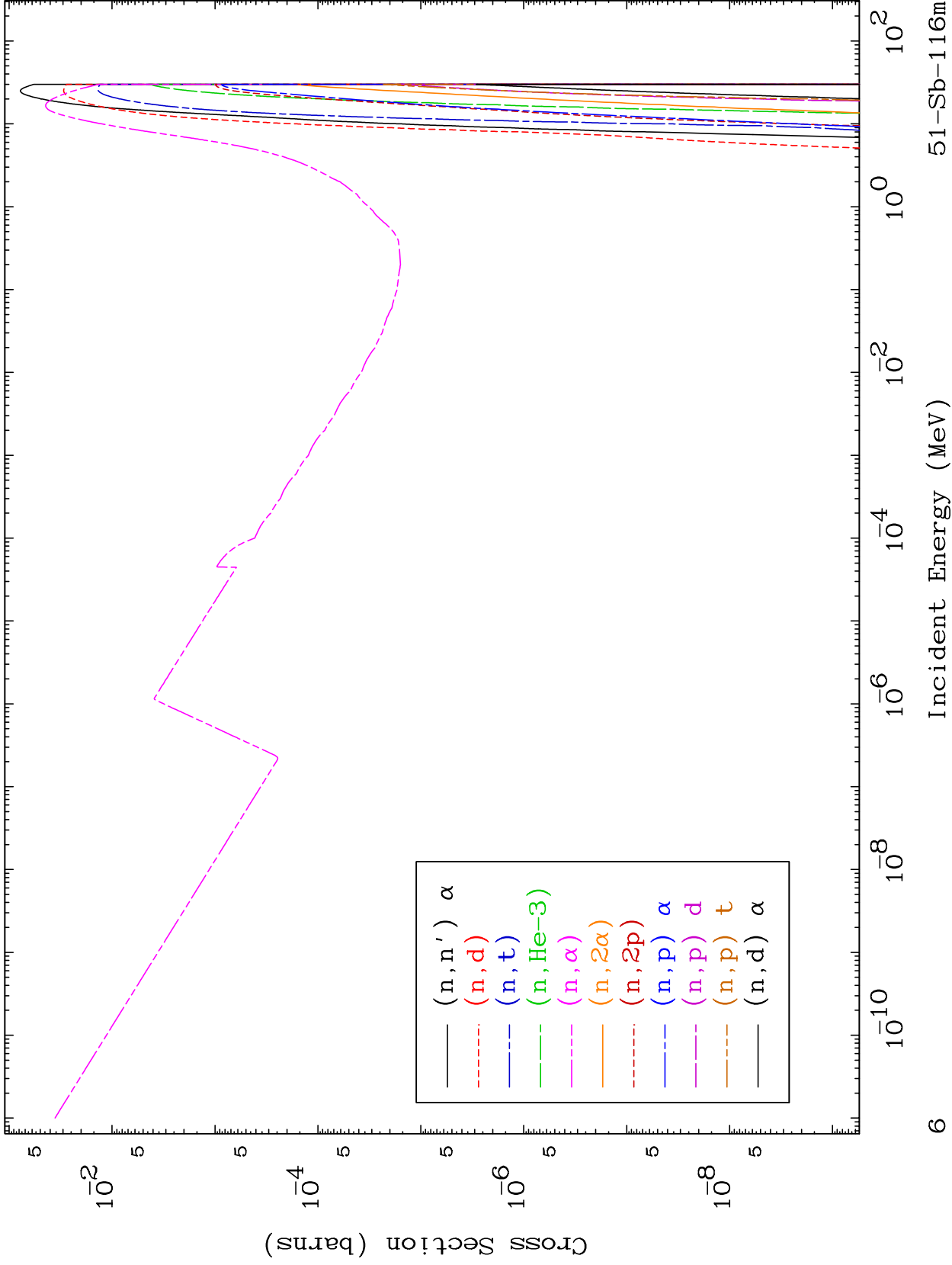




MAT 5111

Charged Particle  
293 Kelvin Cross Sections

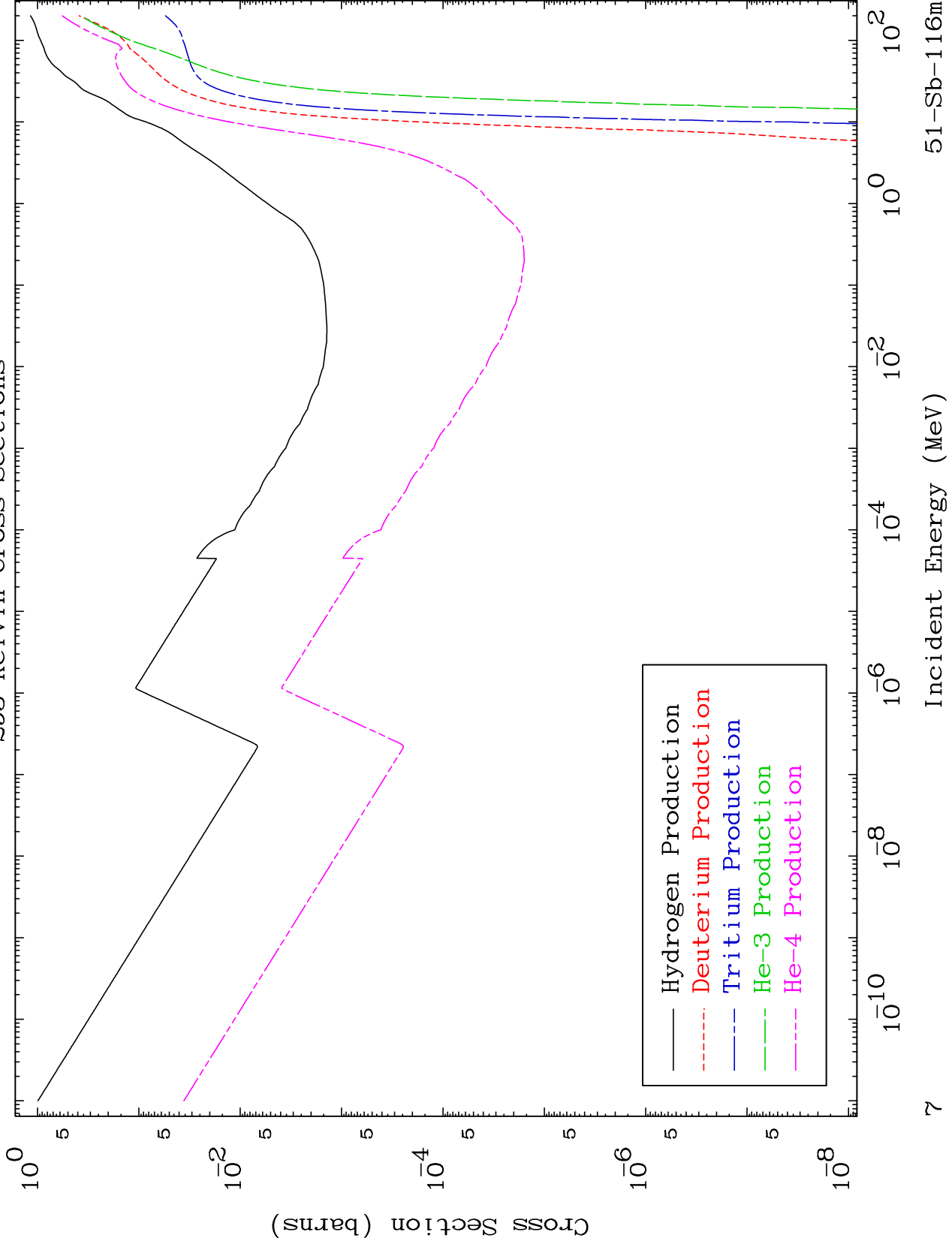
51-Sb-116m



MAT 5111

Particle Production  
293 Kelvin Cross Sections

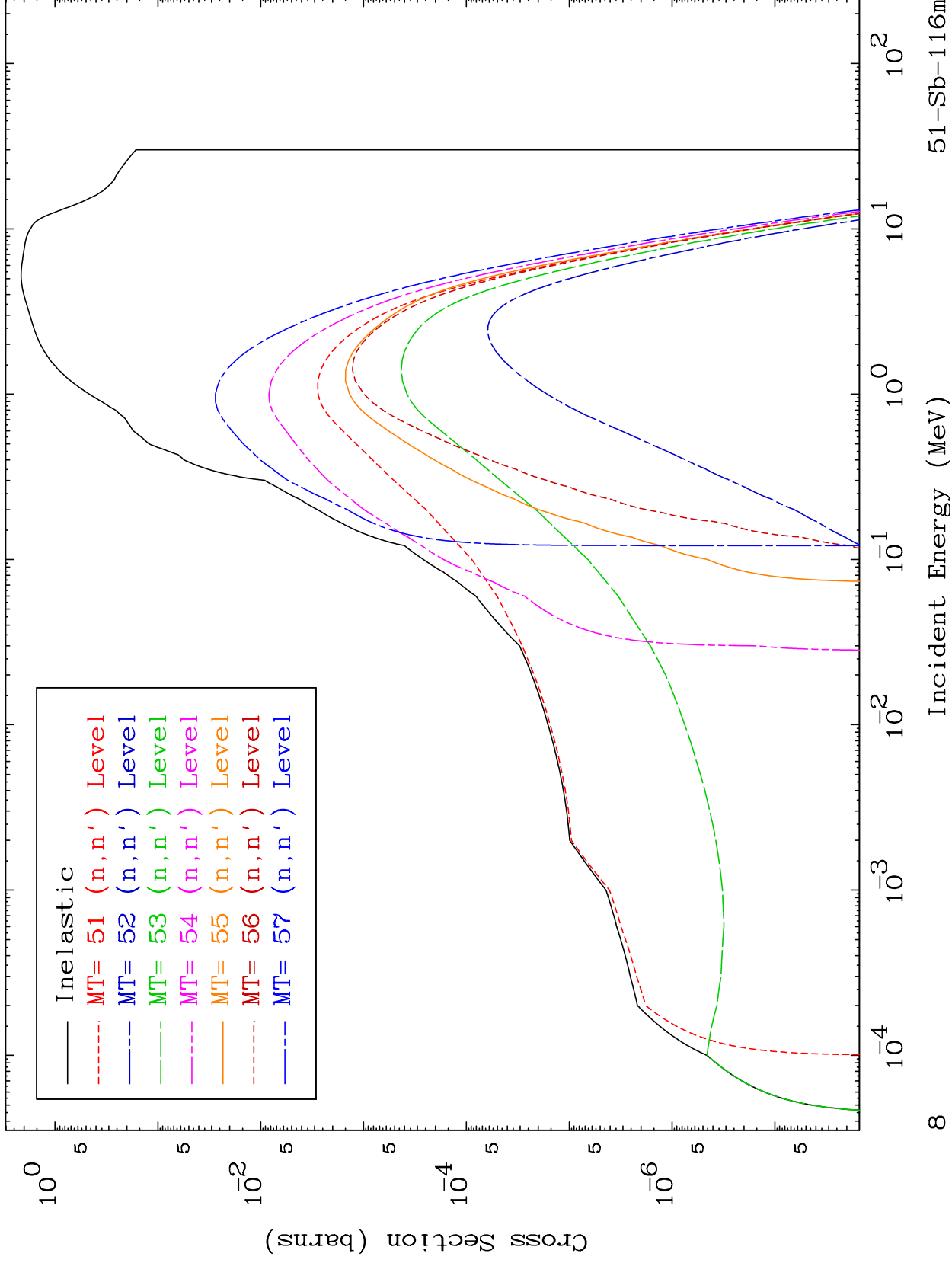
51-Sb-116m



MAT 5111

(n,n') Levels  
293 Kelvin Cross Sections

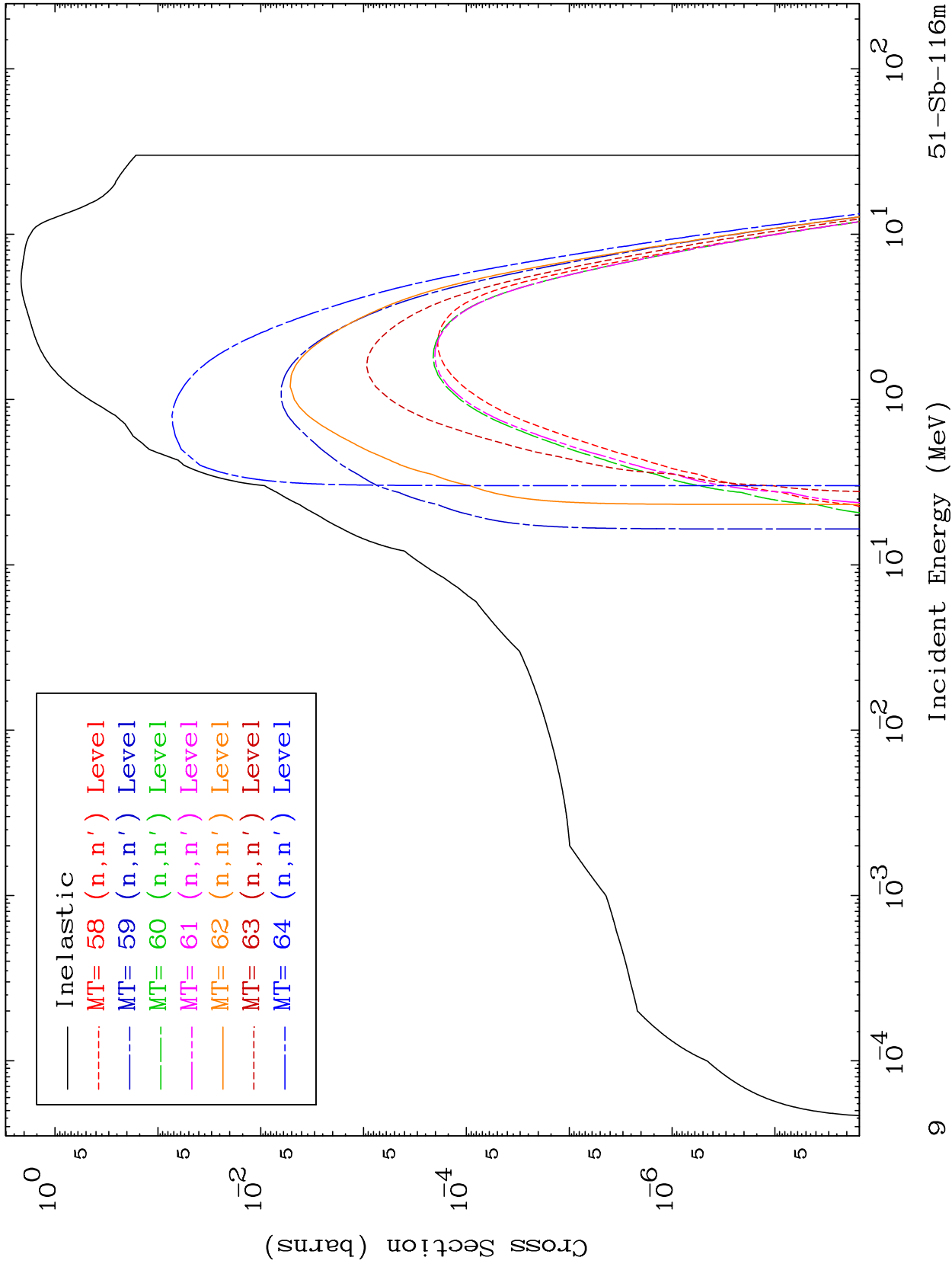
51-Sb-116m



MAT 5111

293 Kelvin Cross Sections  
(n,n') Levels

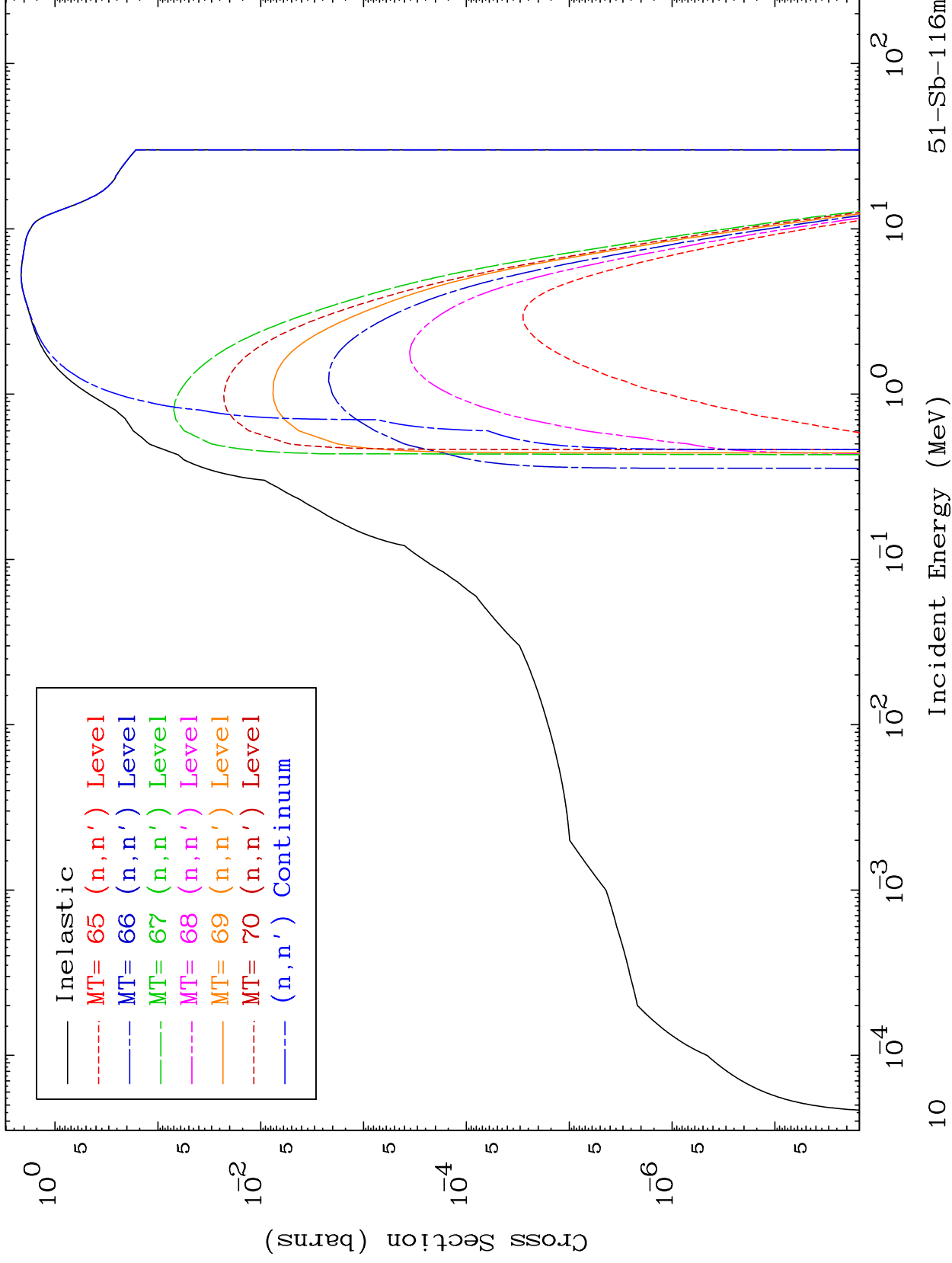
51-Sb-116m

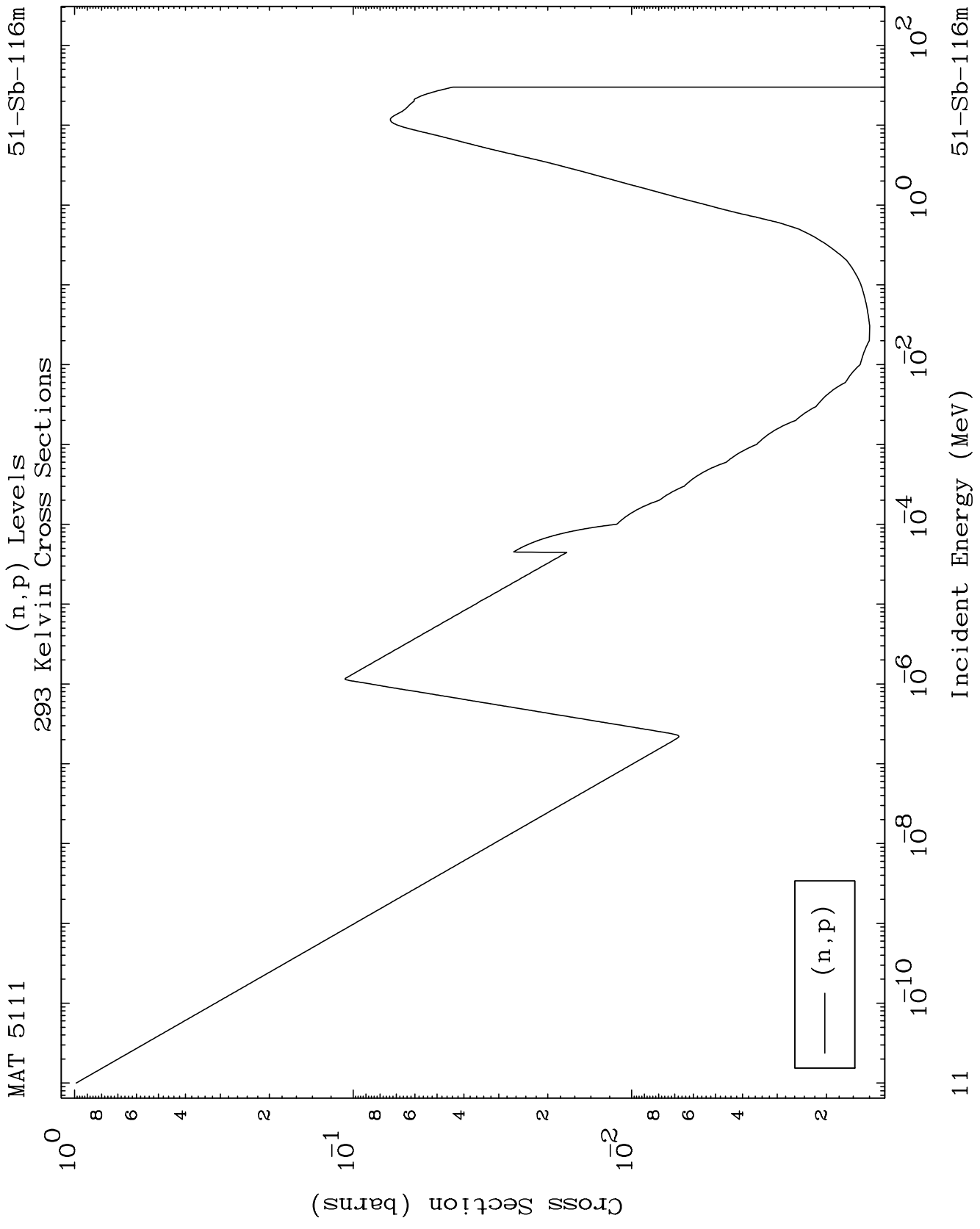


MAT 5111

293 Kelvin Cross Sections  
(n,n') Levels

51-Sb-116m

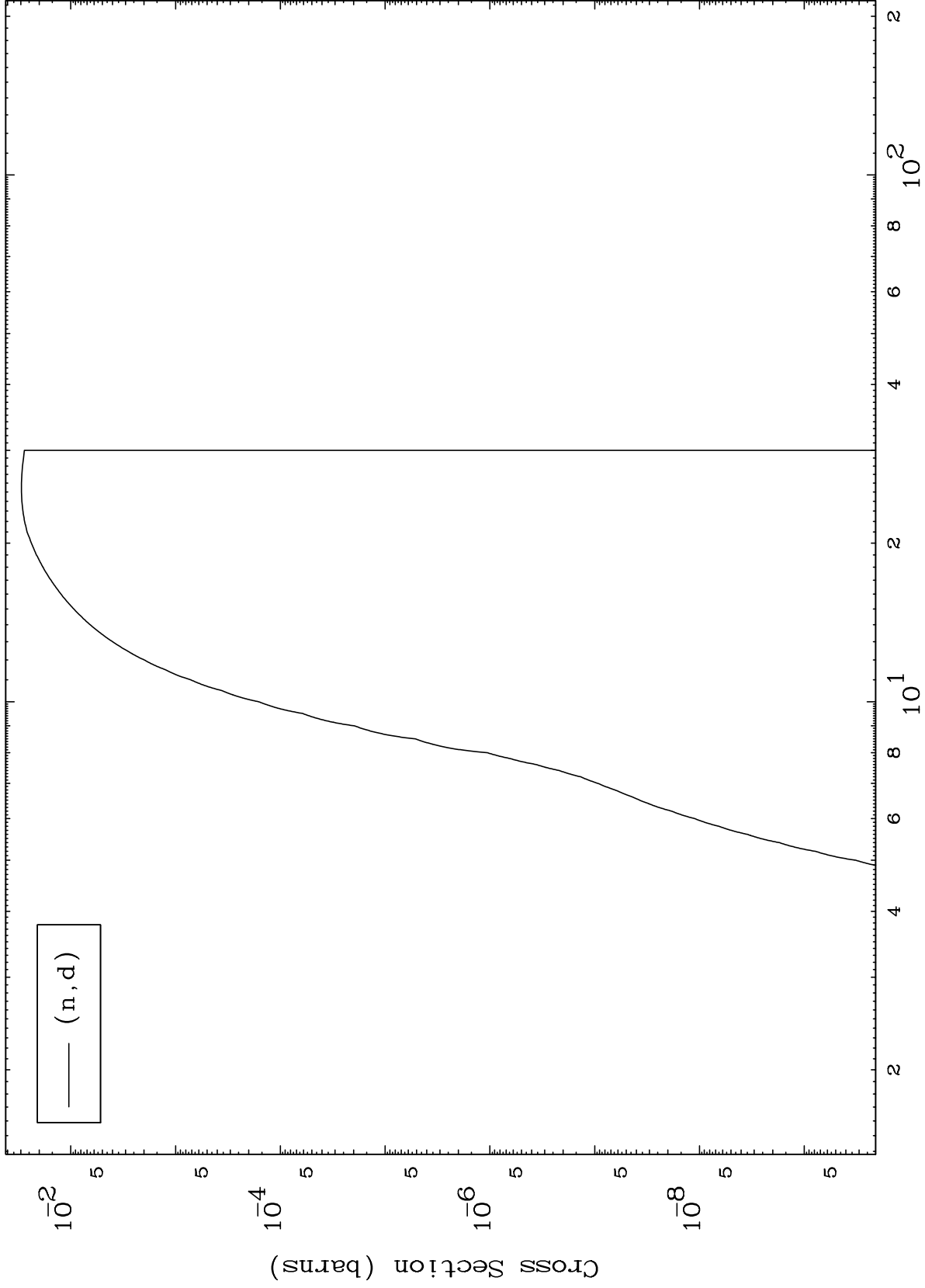




MAT 51111

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-116m



12

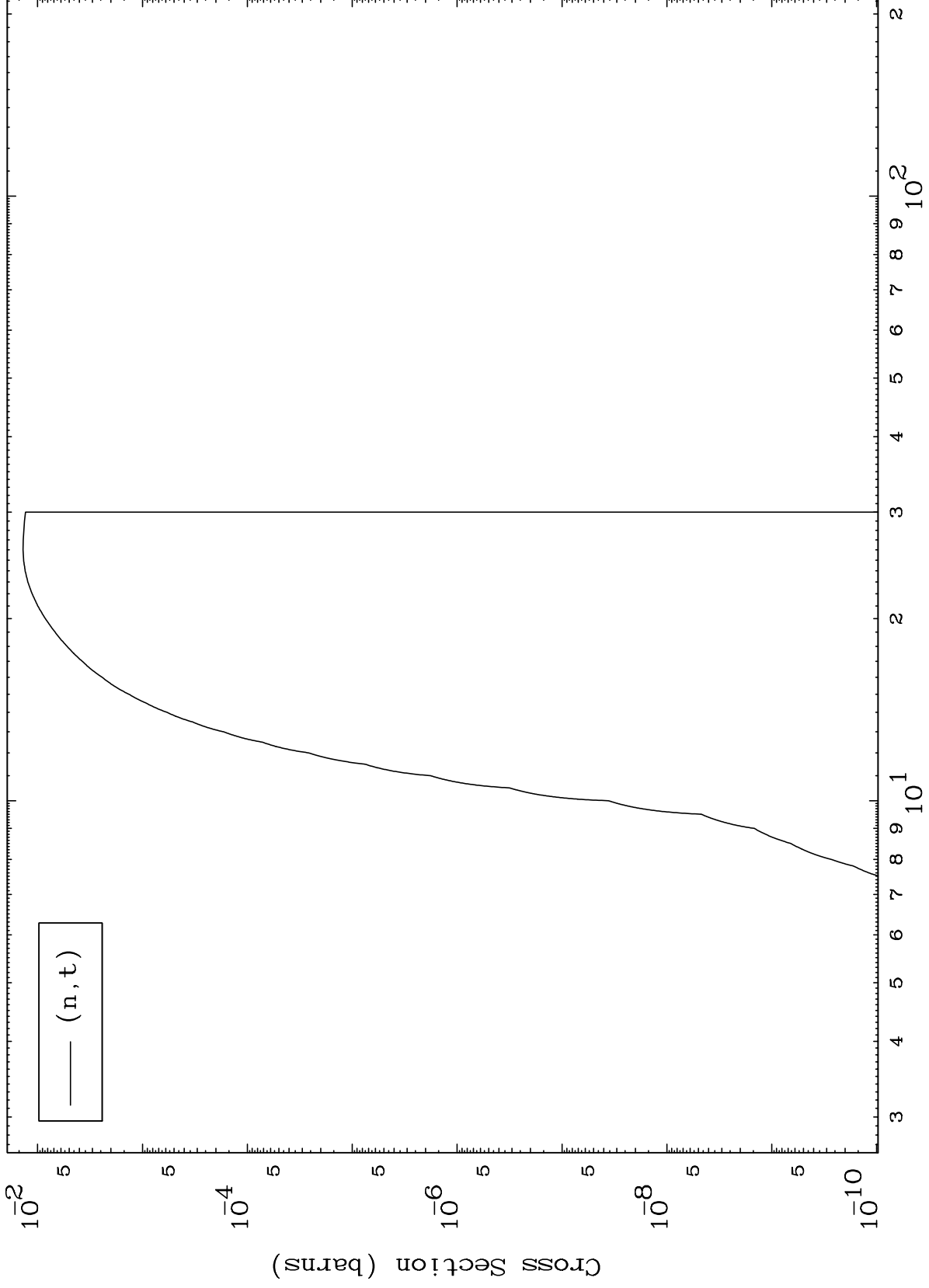
Incident Energy (MeV)

51-Sb-116m

MAT 5111

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-116m



13

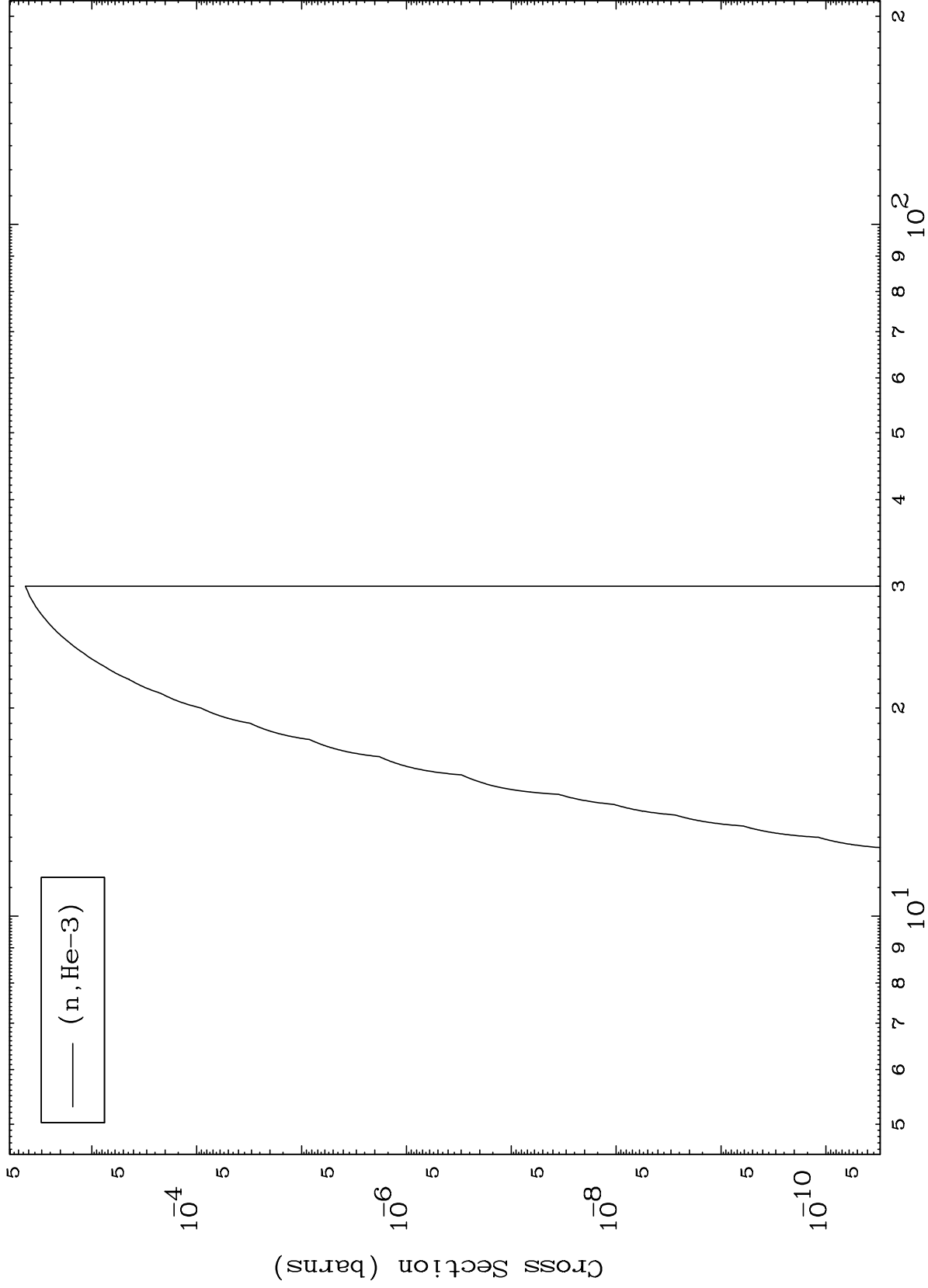
Incident Energy (MeV)

51-Sb-116m

MAT 5111

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-116m



14

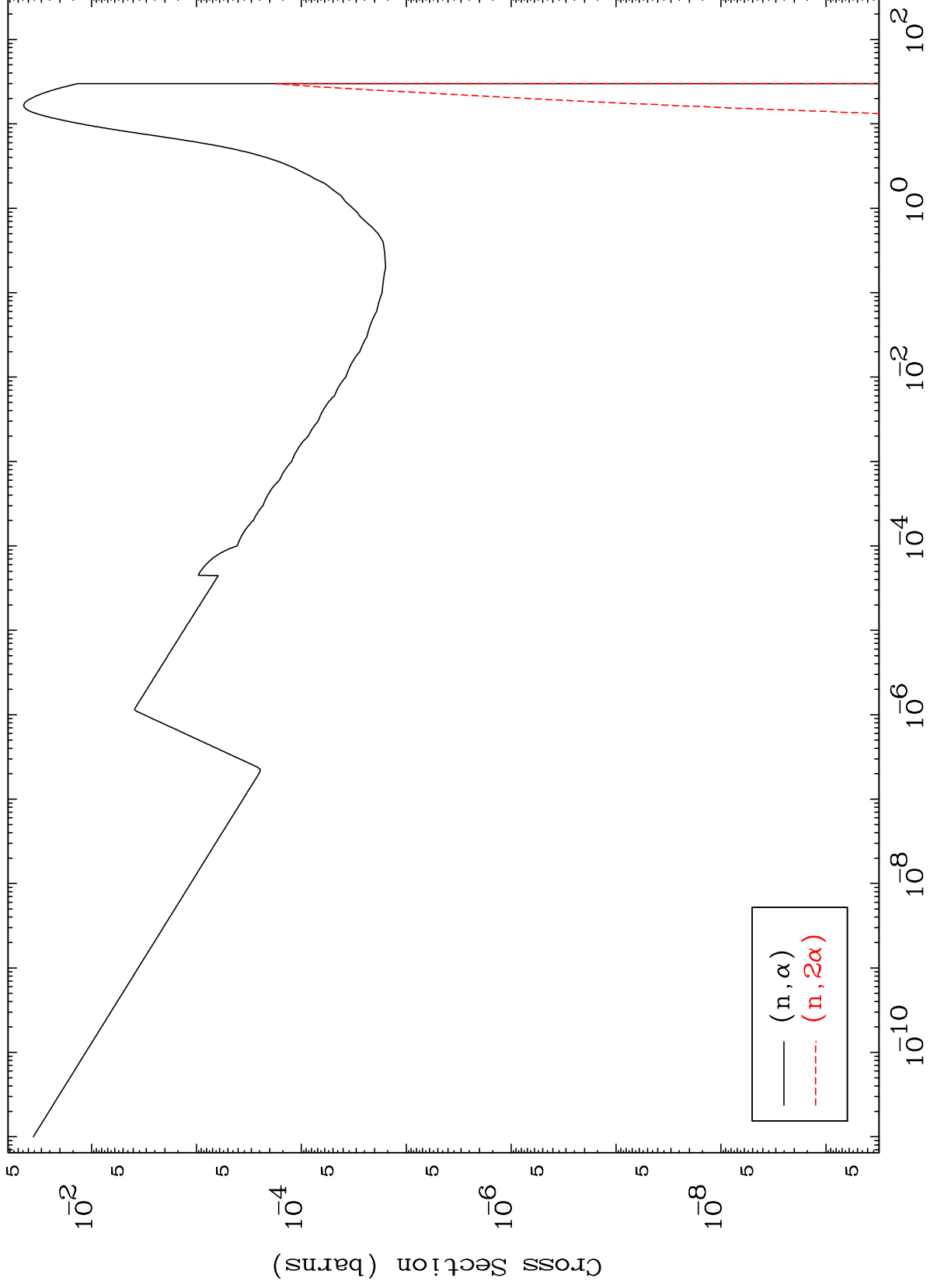
Incident Energy (MeV)

51-Sb-116m

MAT 5111

(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-116m



15

Incident Energy (MeV)

51-Sb-116m



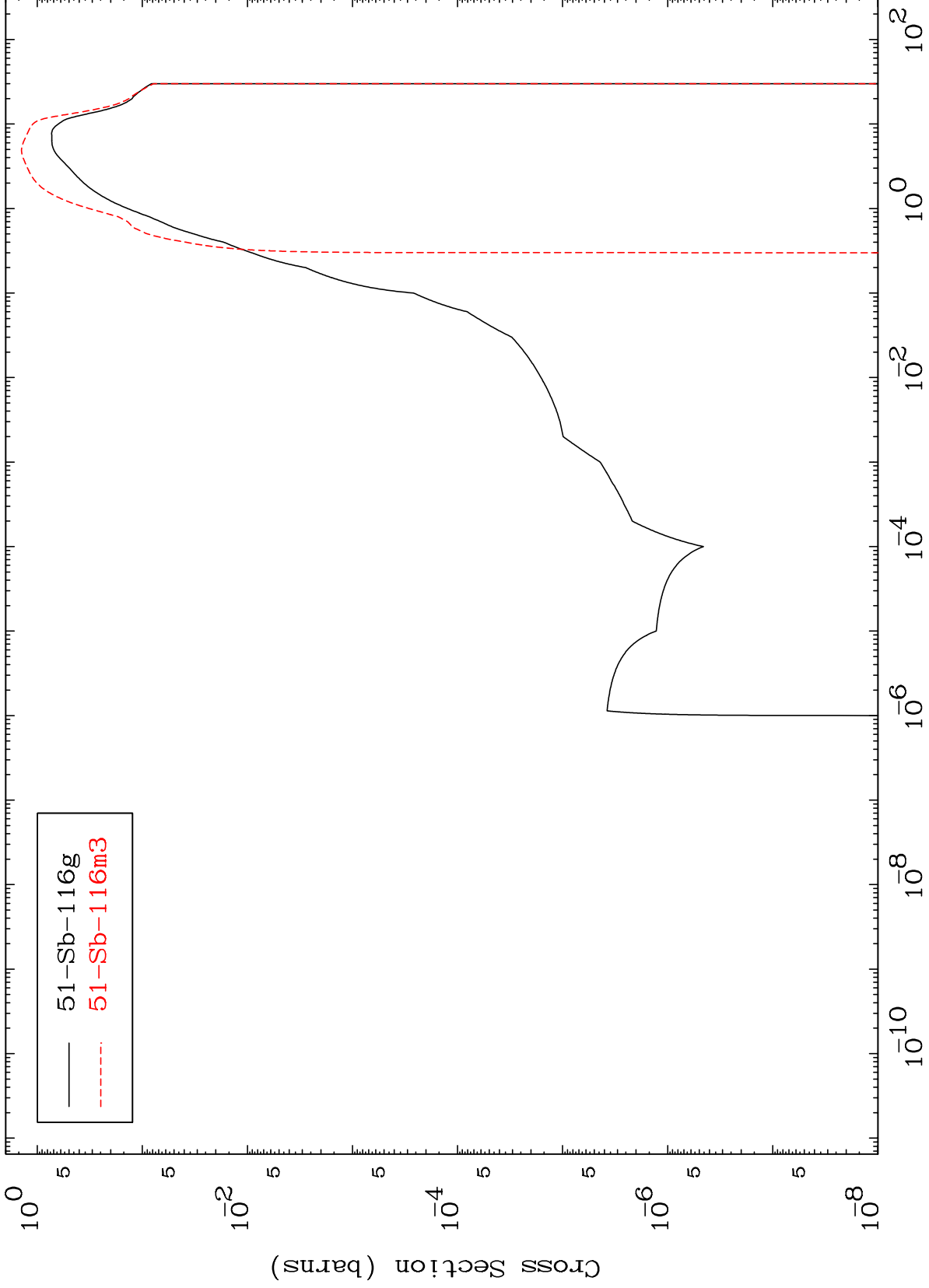




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Inelastic  
Radionuclide Production Cross Section

51-Sb-116m



51-Sb-116g  
51-Sb-116m3

Incident Energy (MeV)

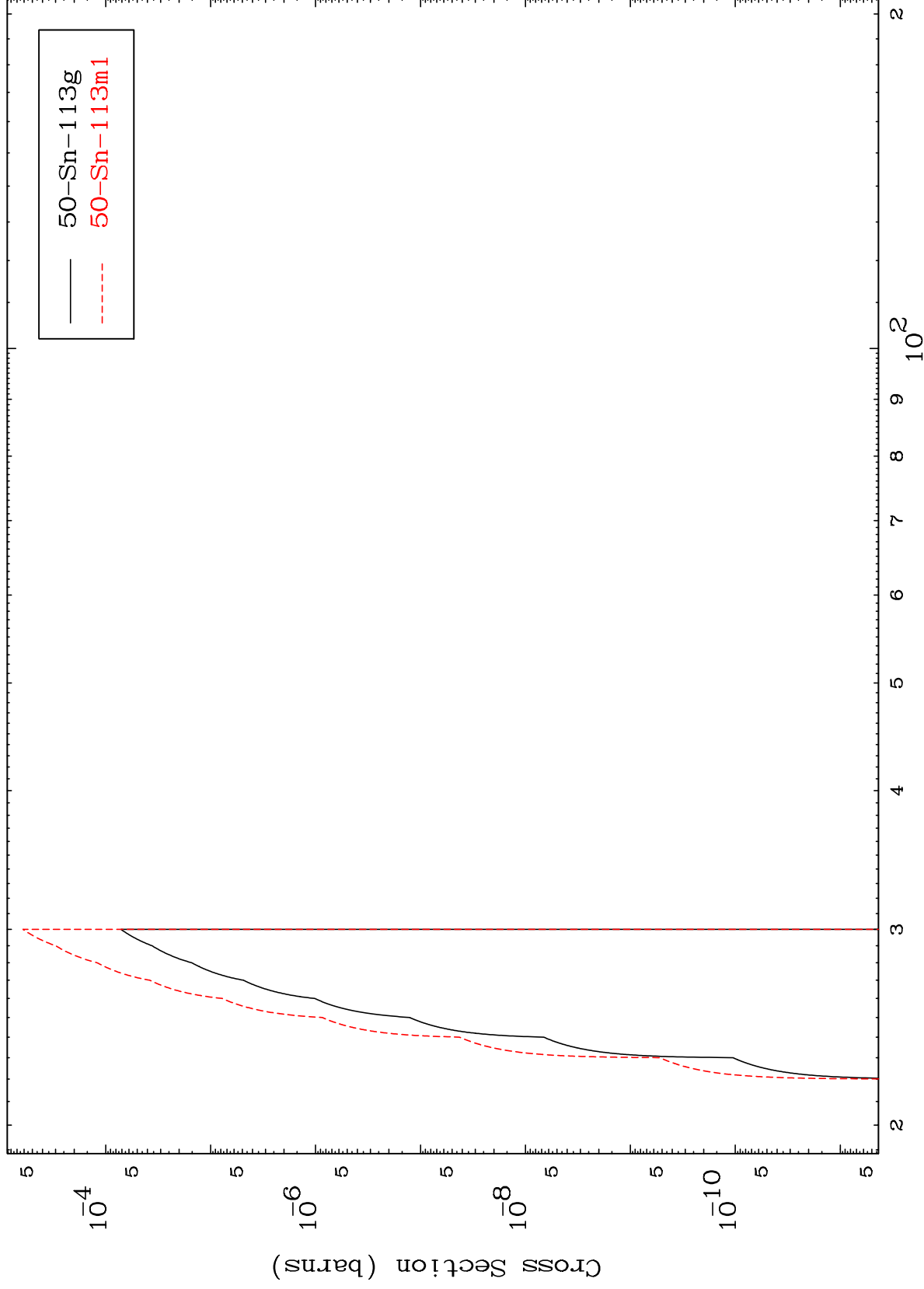
51-Sb-116m

MAT 5111

(n,2n) d

51-Sb-116m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

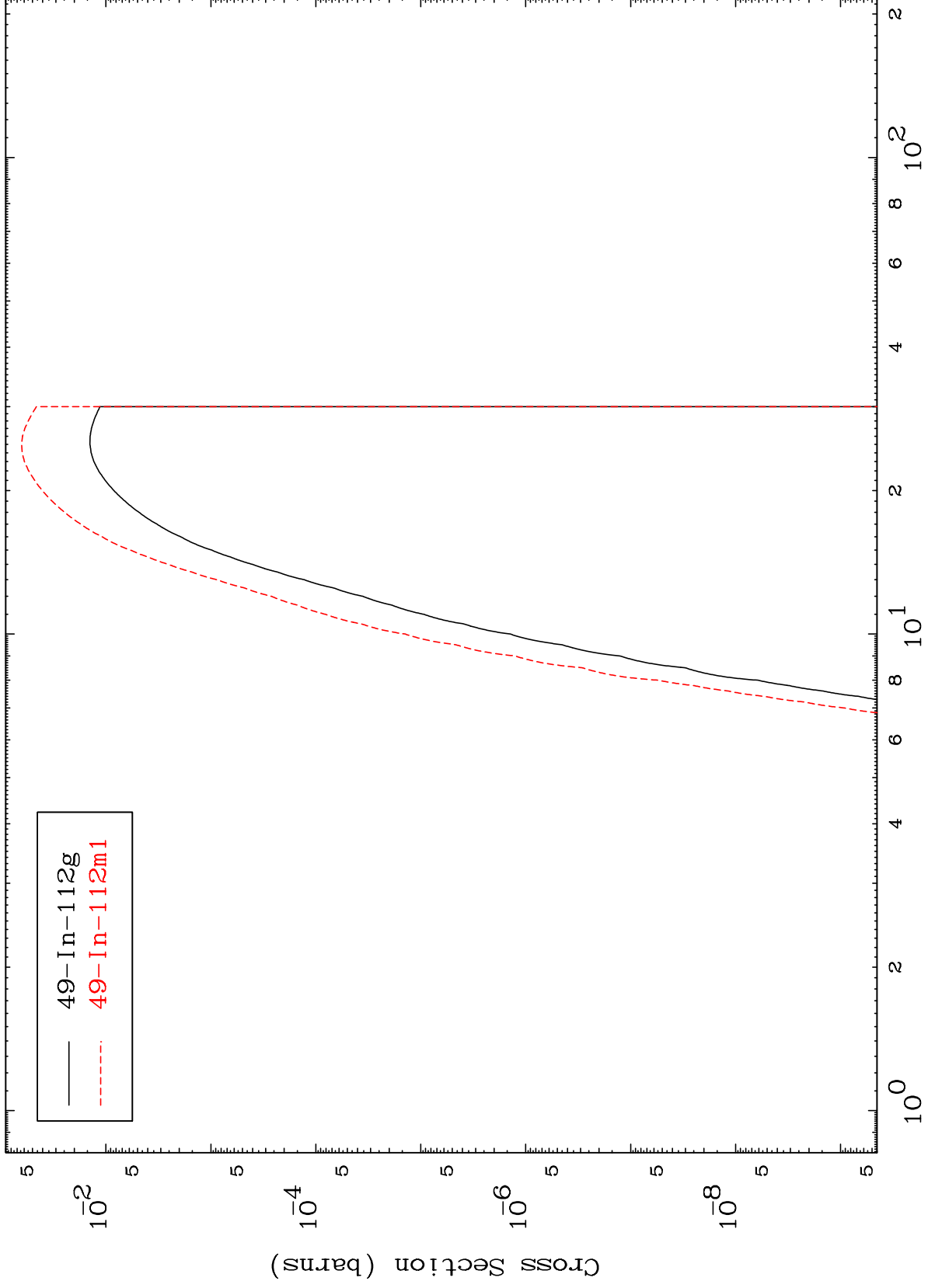
51-Sb-116m

MAT 5111

(n,n')  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



21

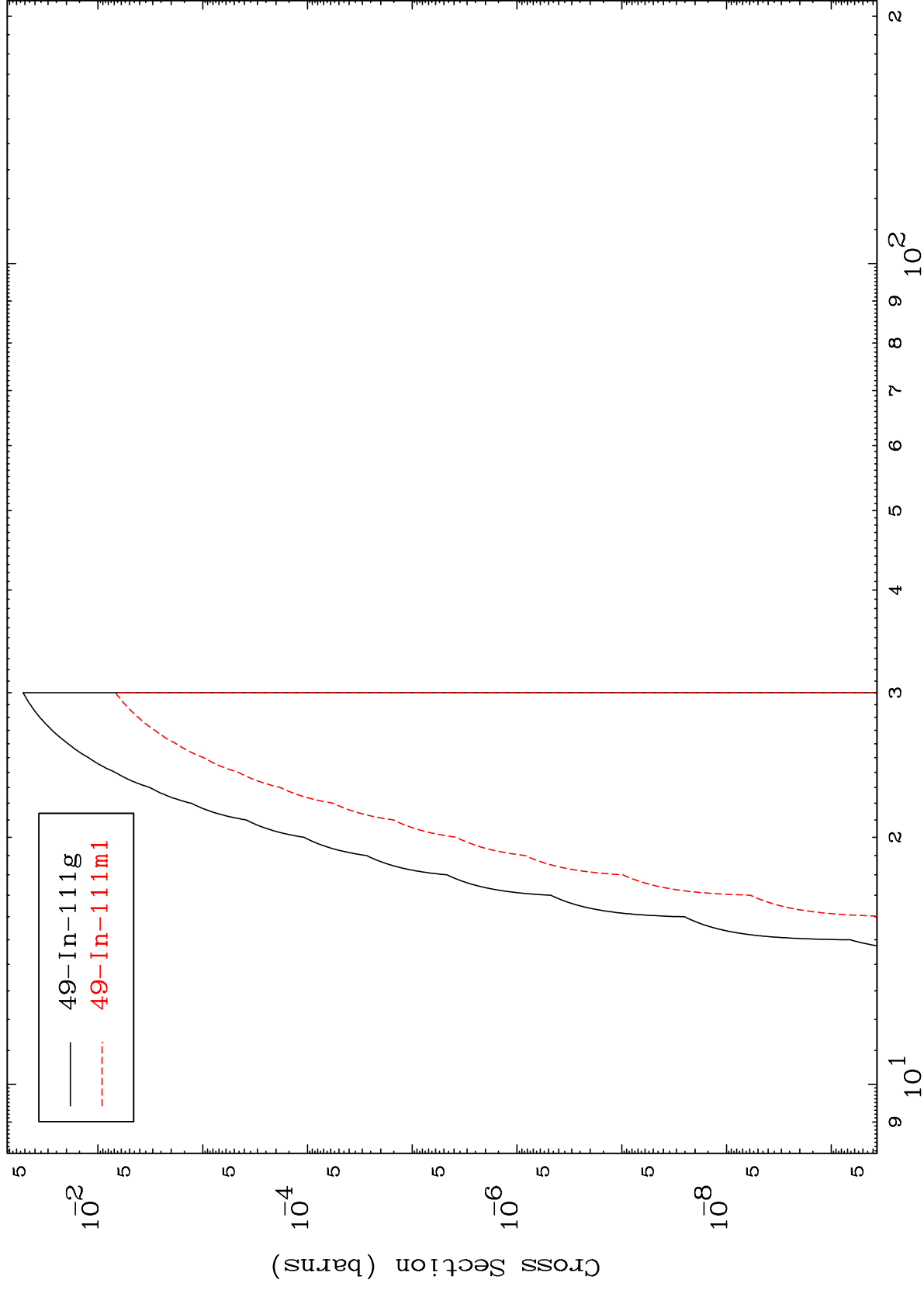
Incident Energy (MeV)

51-Sb-116m

MAT 5111

51-Sb-116m

(n,2n)  $\alpha$   
Radionuclide Production Cross Section



51-Sb-116m

Incident Energy (MeV)

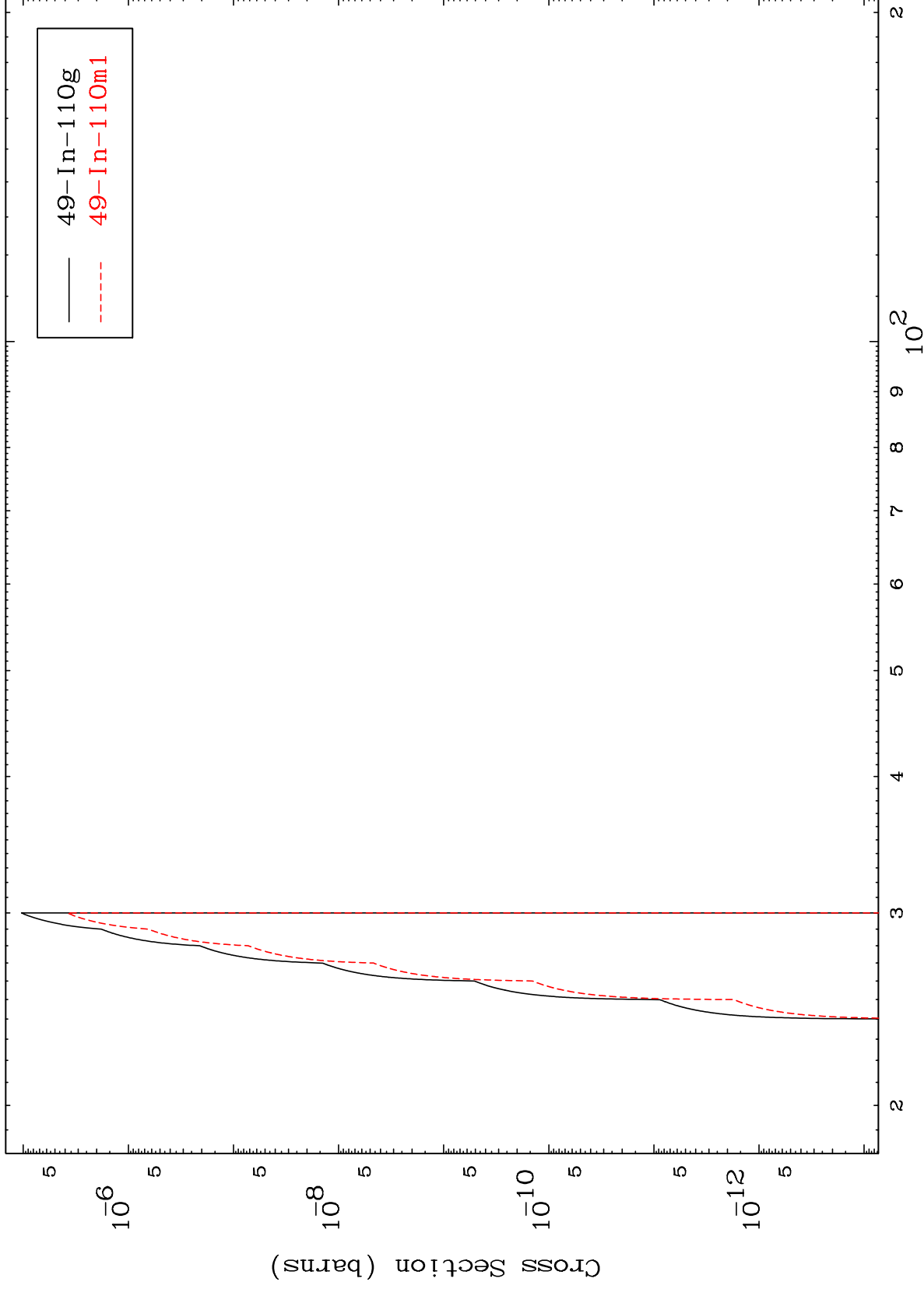
22

MAT 5111

(n,3n)  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

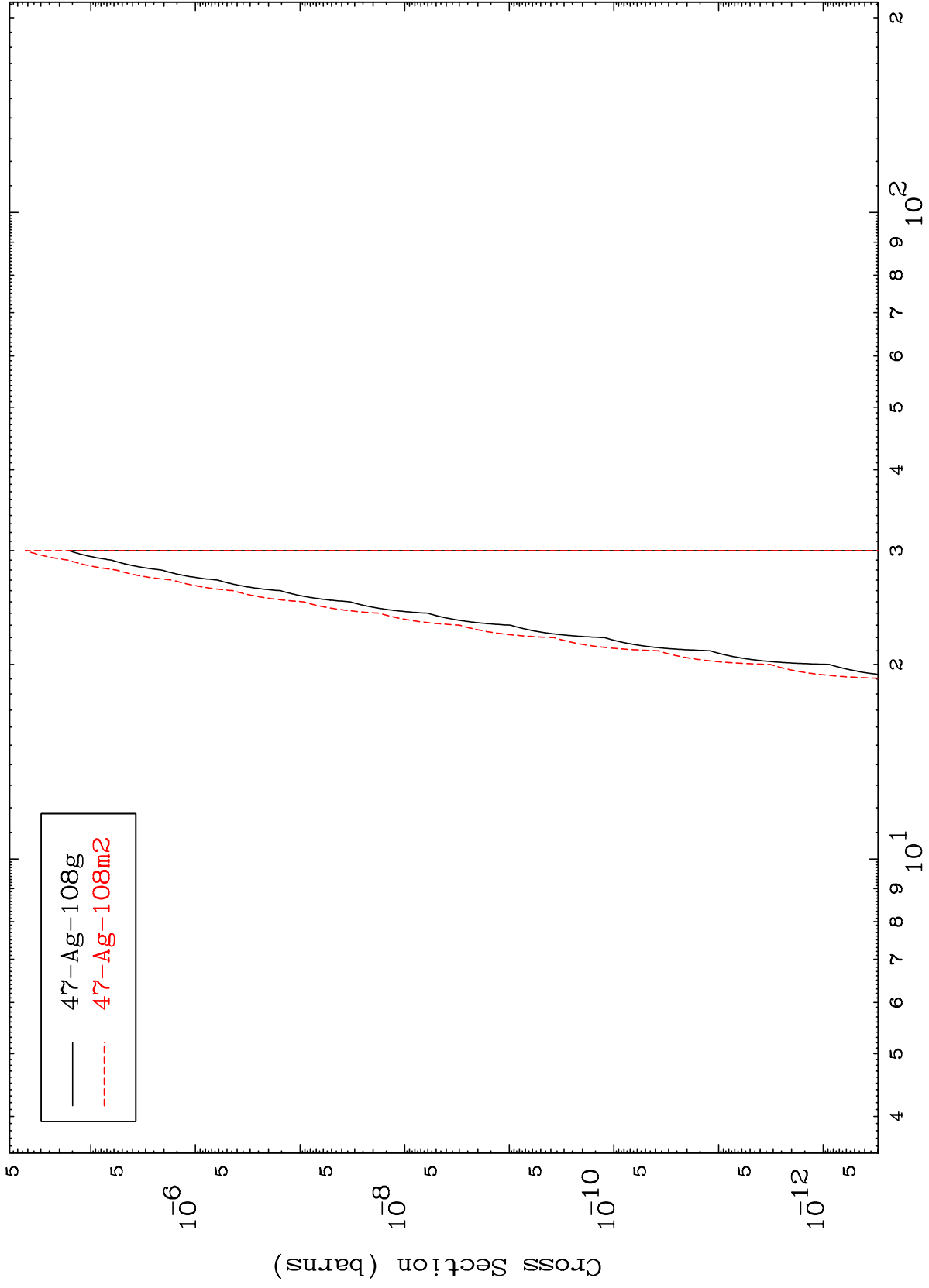
51-Sb-116m

MAT 5111

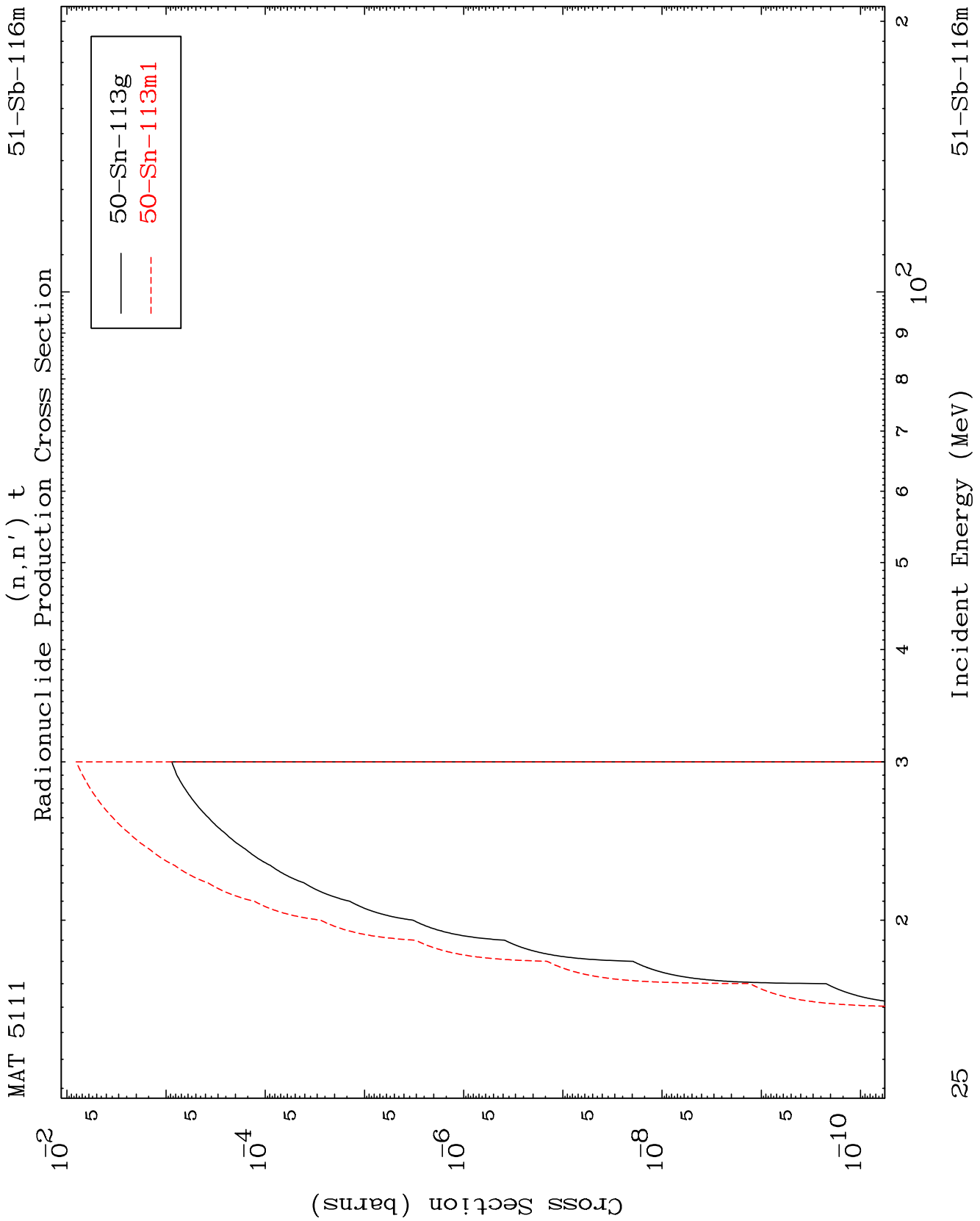
(n,n')  $2\alpha$

51-Sb-116m

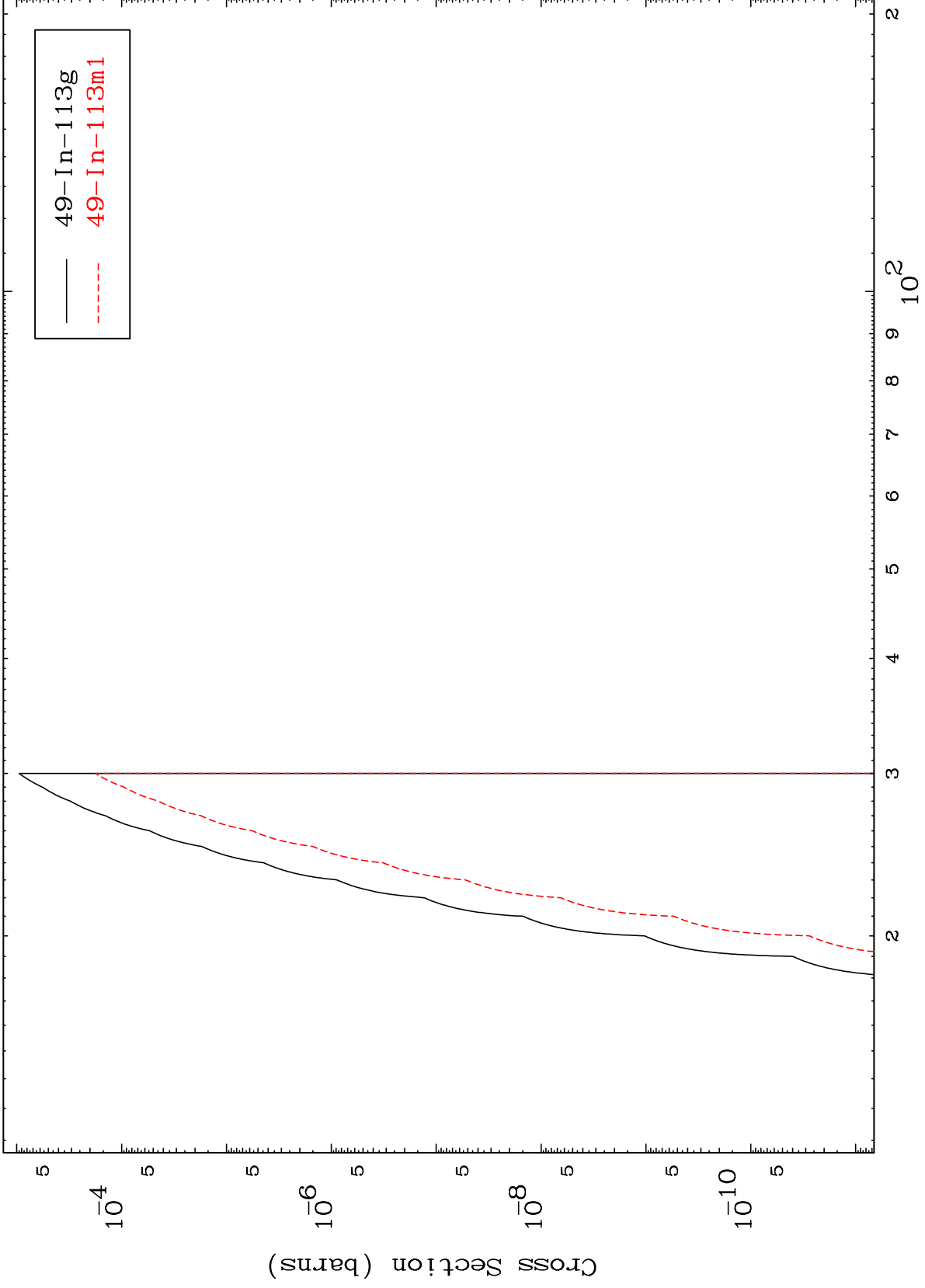
Radionuclide Production Cross Section

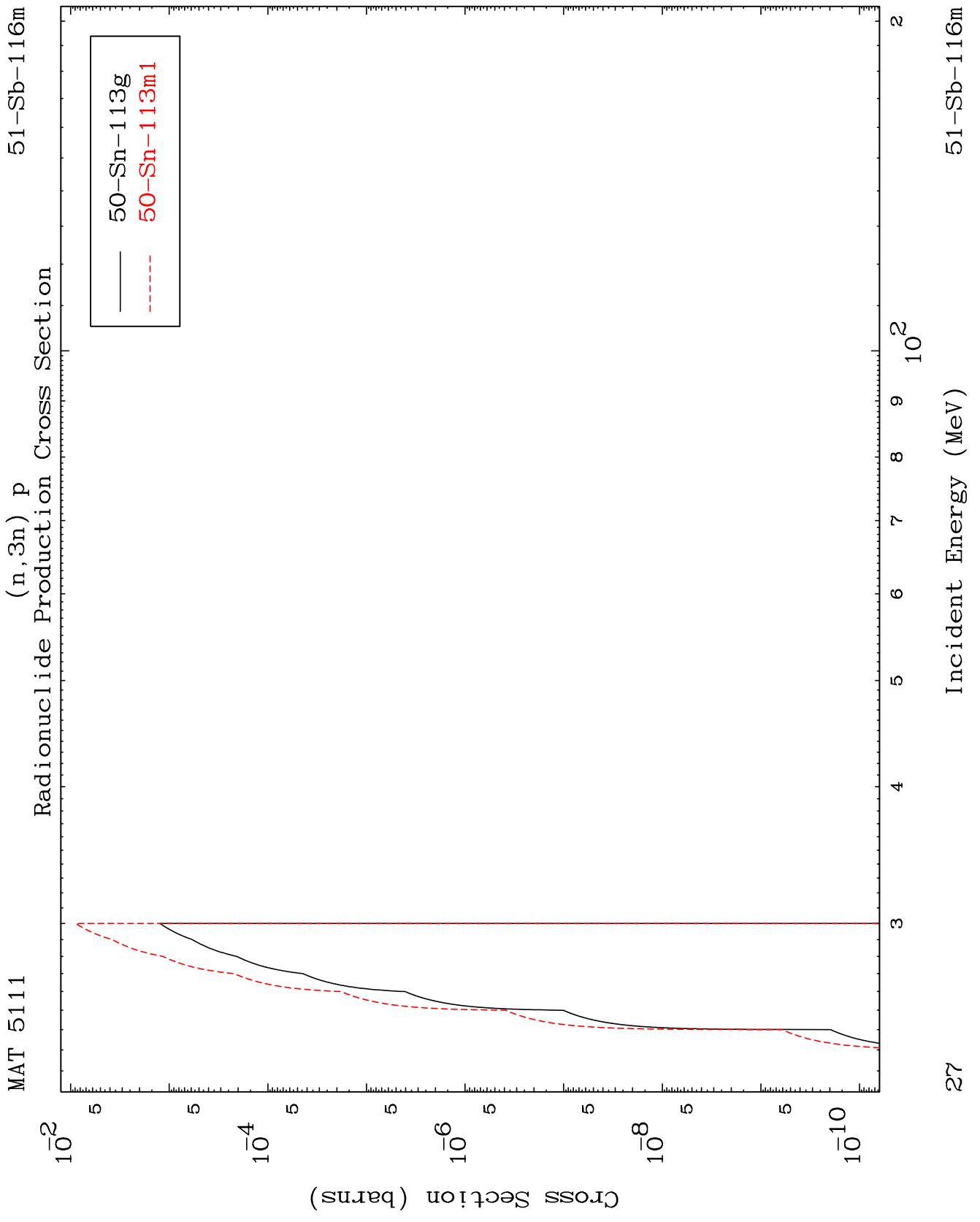


— 47-Ag-108g  
- - - 47-Ag-108m2



Radionuclide Production Cross Section



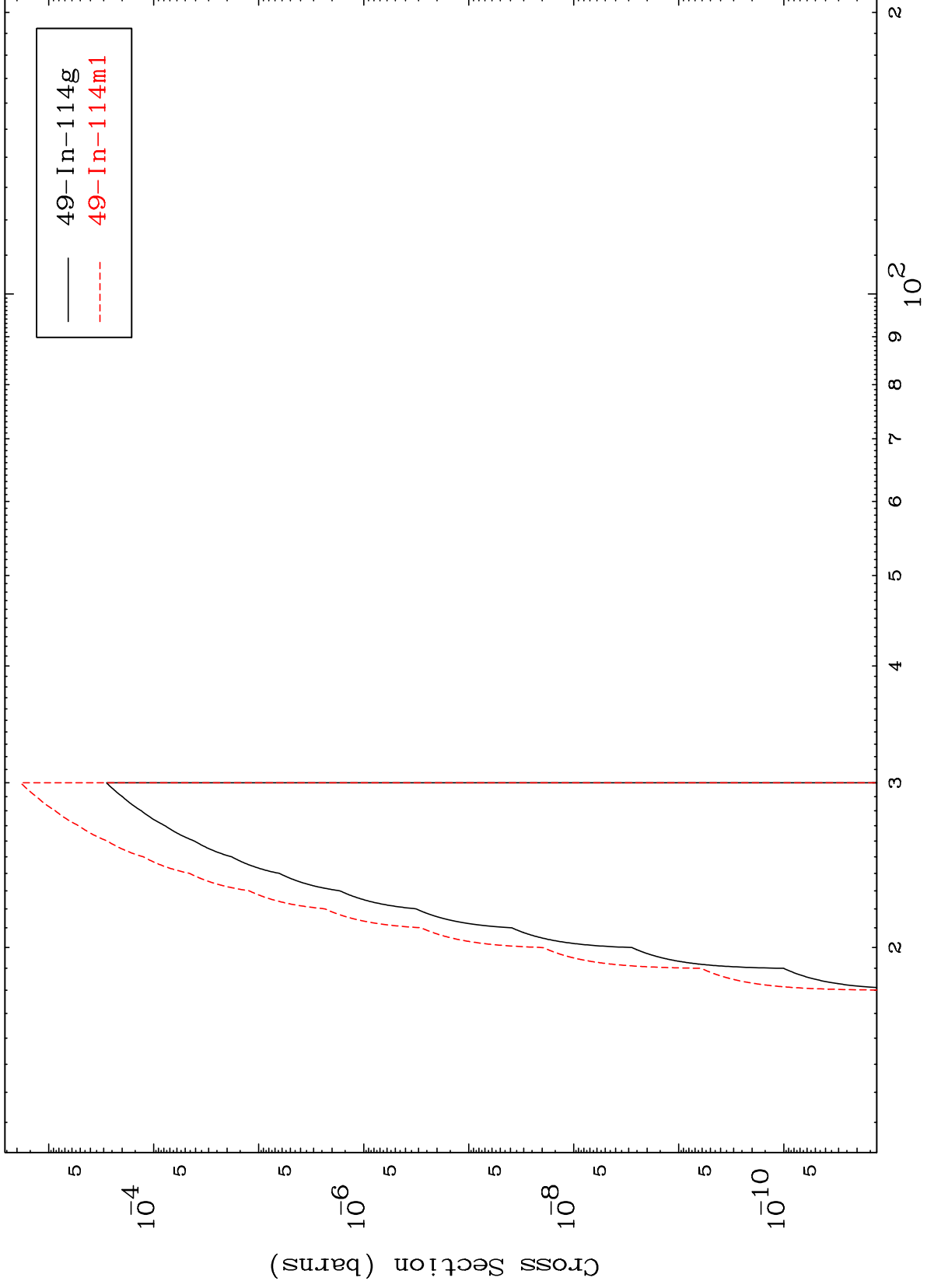


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(n,2n) p

51-Sb-116m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

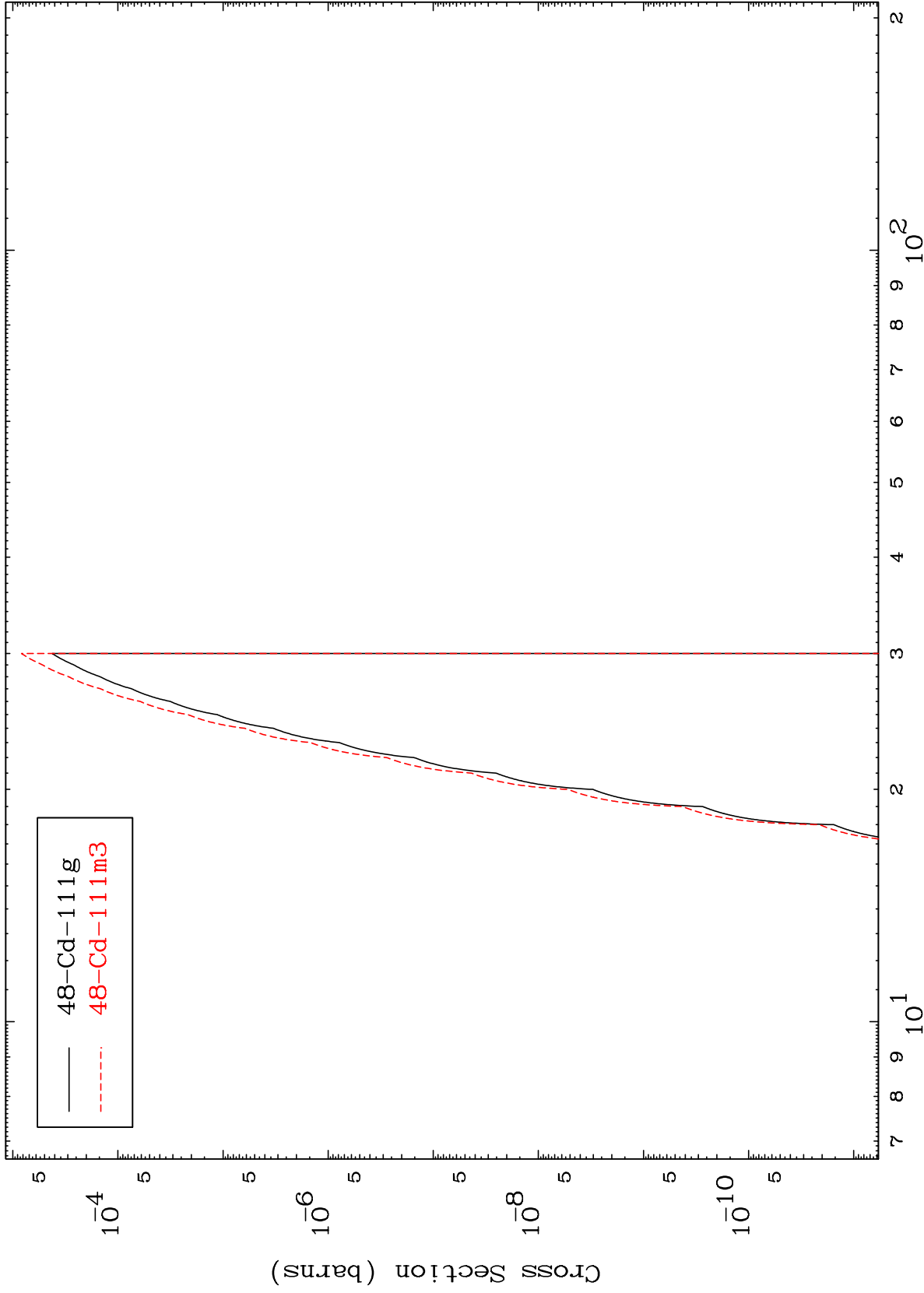
51-Sb-116m

MAT 5111

(n,n') p  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



— 48-Cd-111g  
- - - 48-Cd-111m3

29

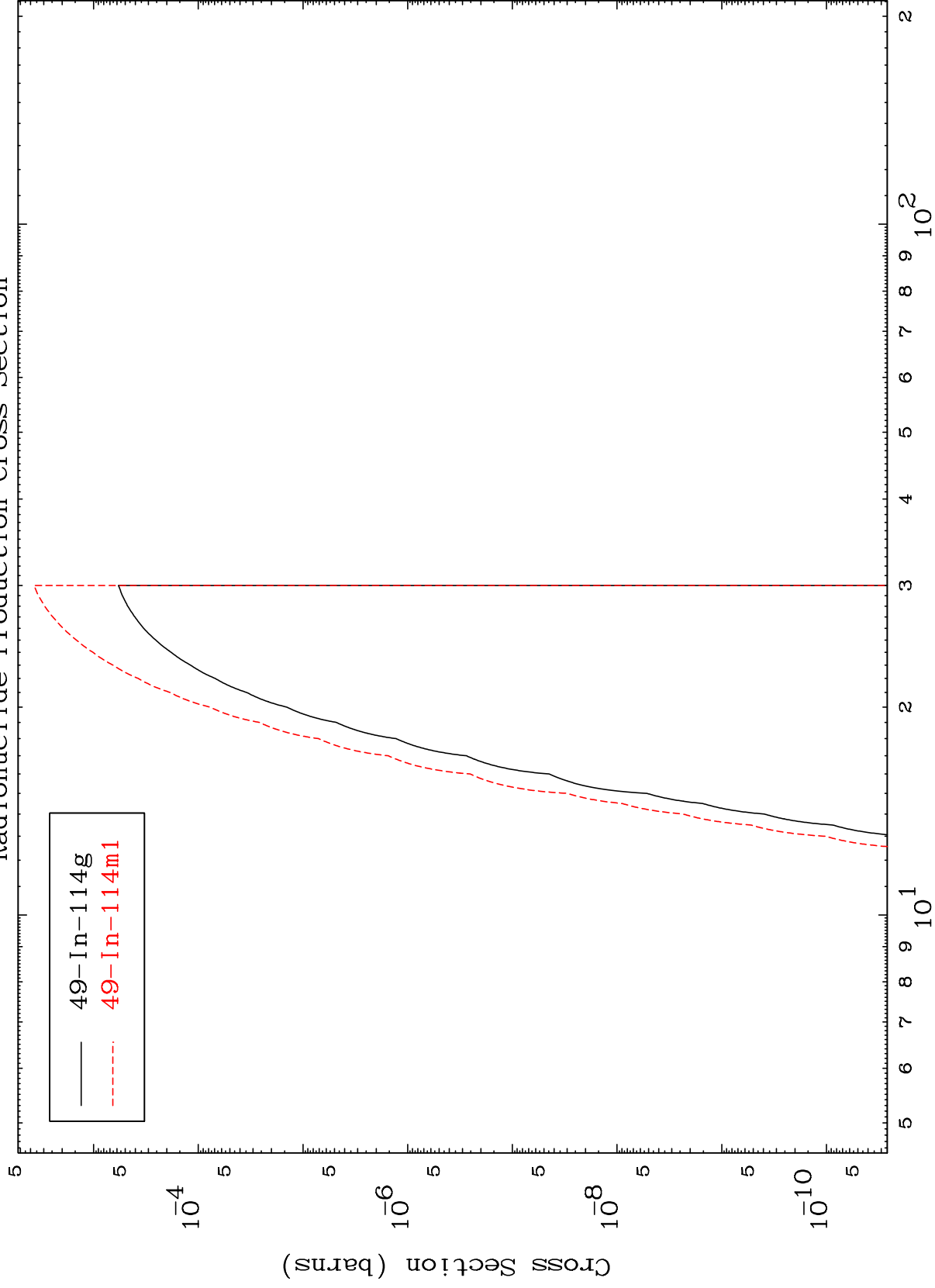
Incident Energy (MeV)

51-Sb-116m

MAT 5111

51-Sb-116m

Radionuclide Production Cross Section  
(n,He-3)



30

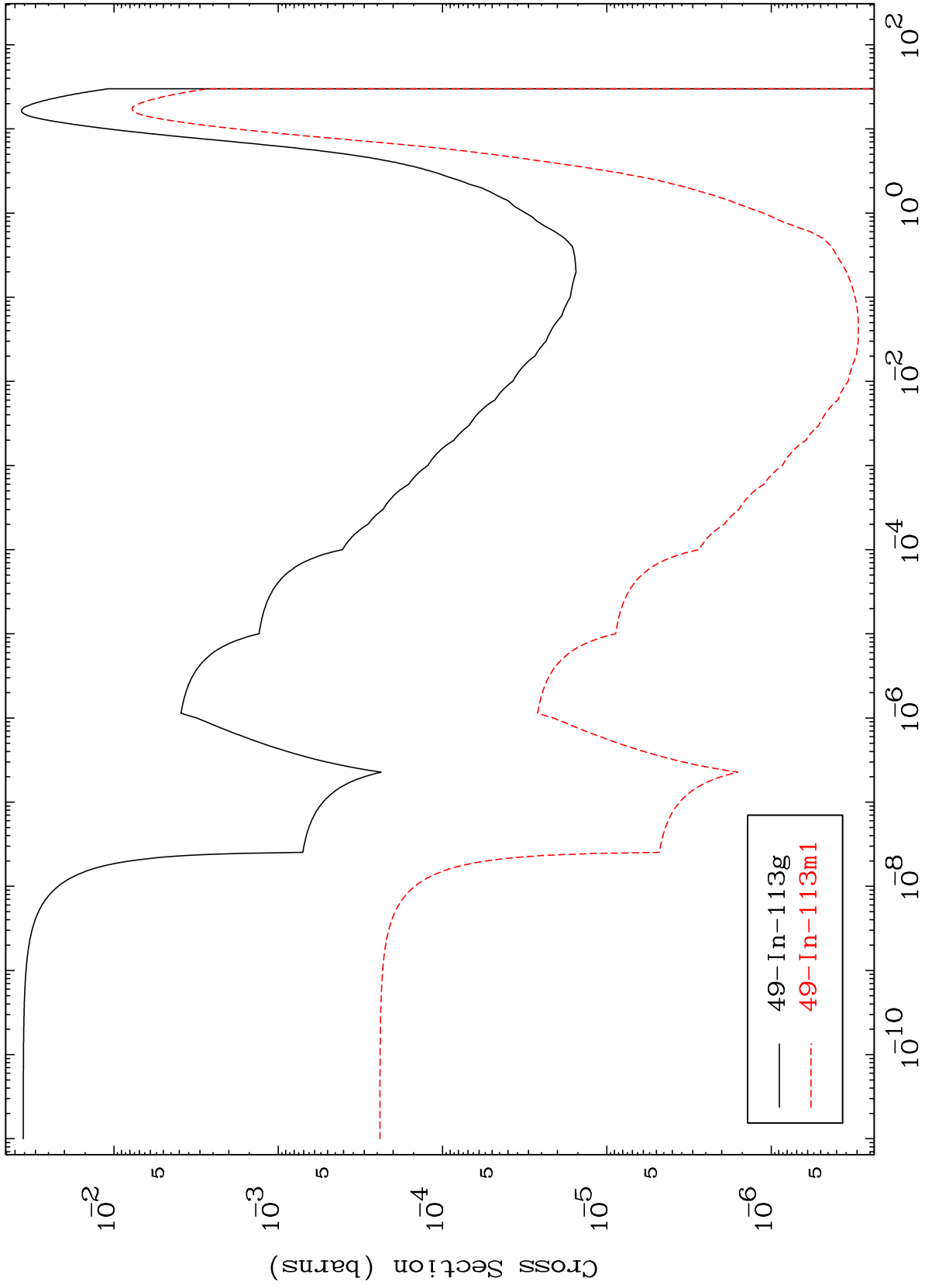
Incident Energy (MeV)

51-Sb-116m

MAT 5111

51-Sb-116m

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

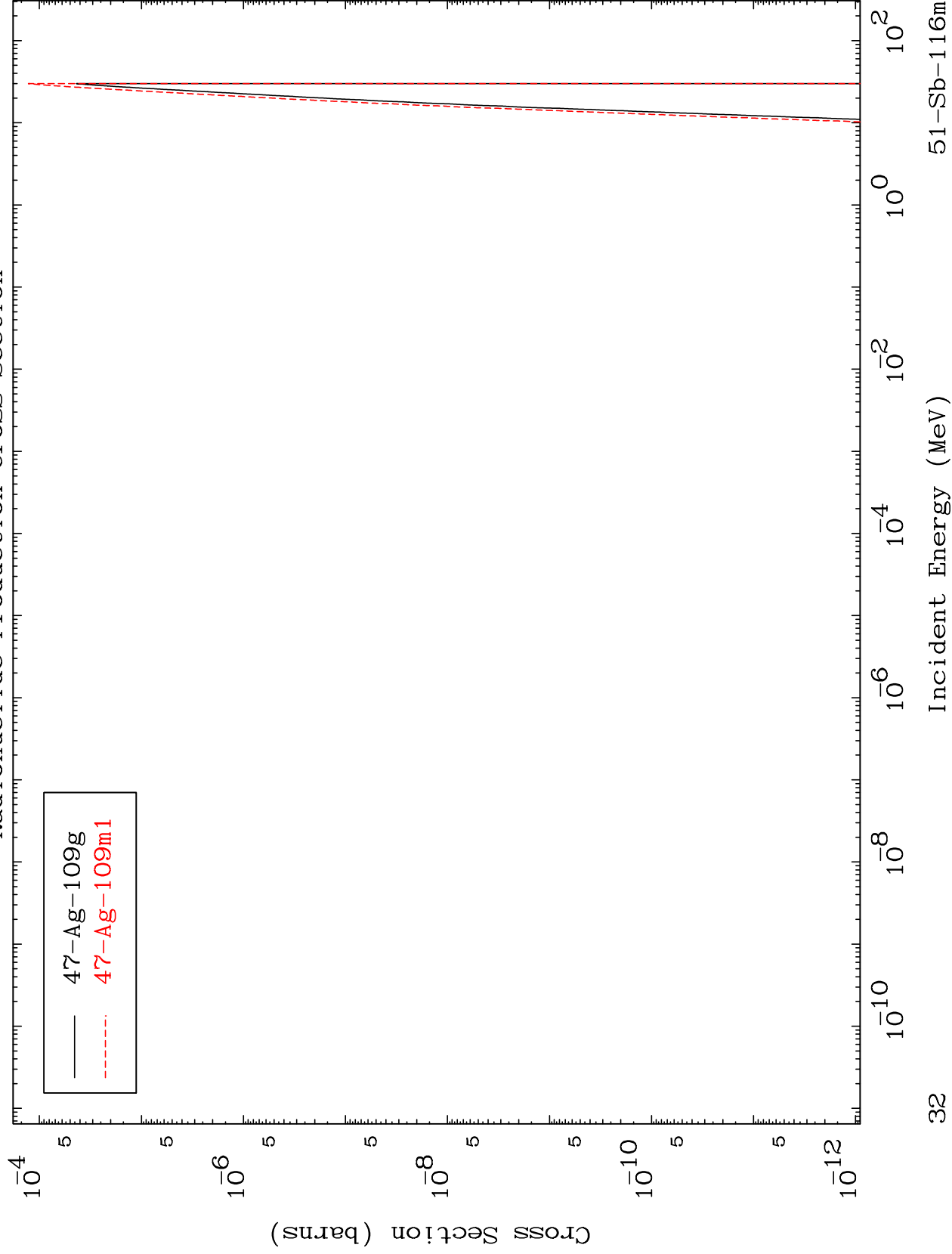


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(n,2α)

51-Sb-116m

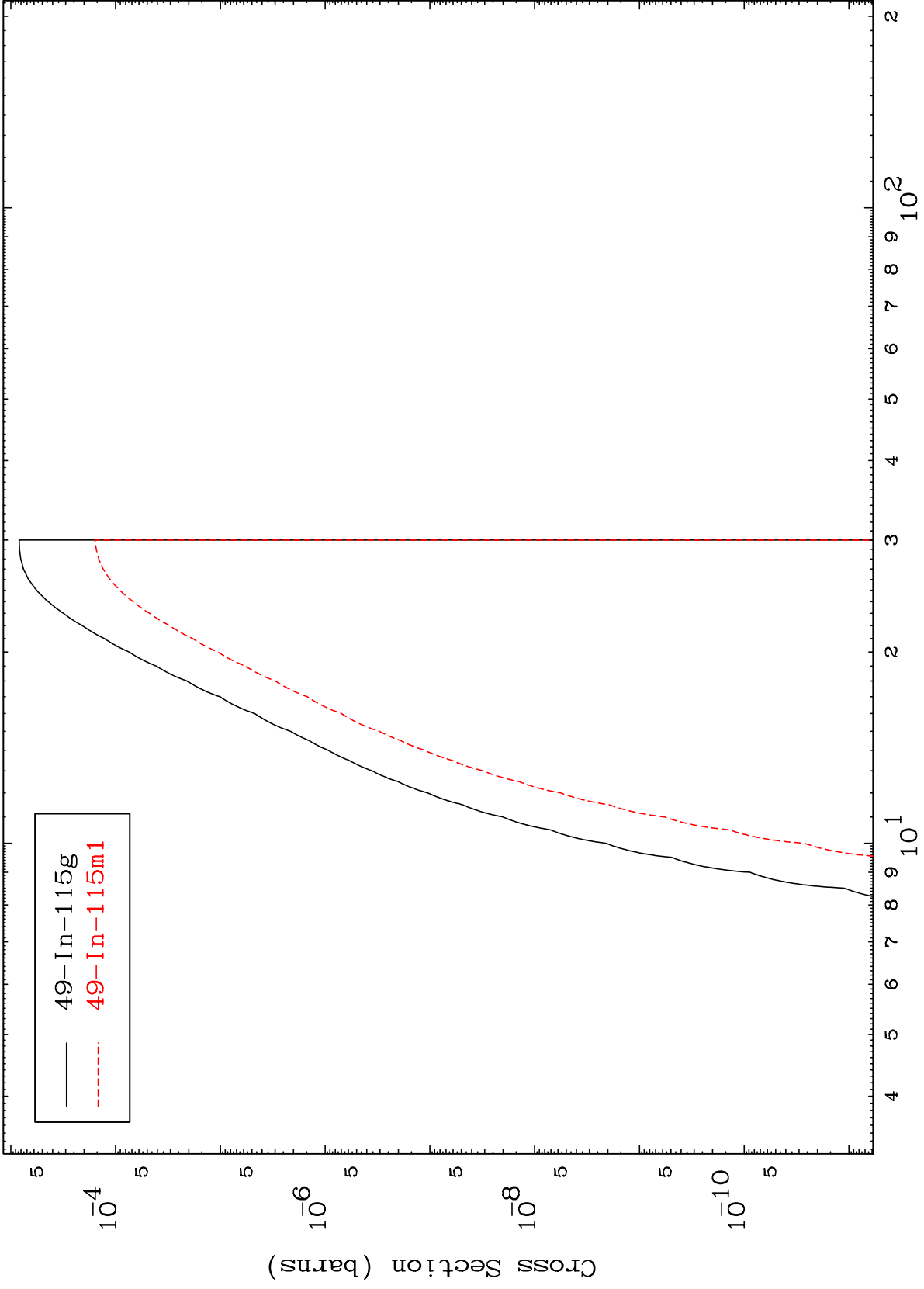
Radionuclide Production Cross Section



MAT 5111

51-Sb-116m

(n,2p)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

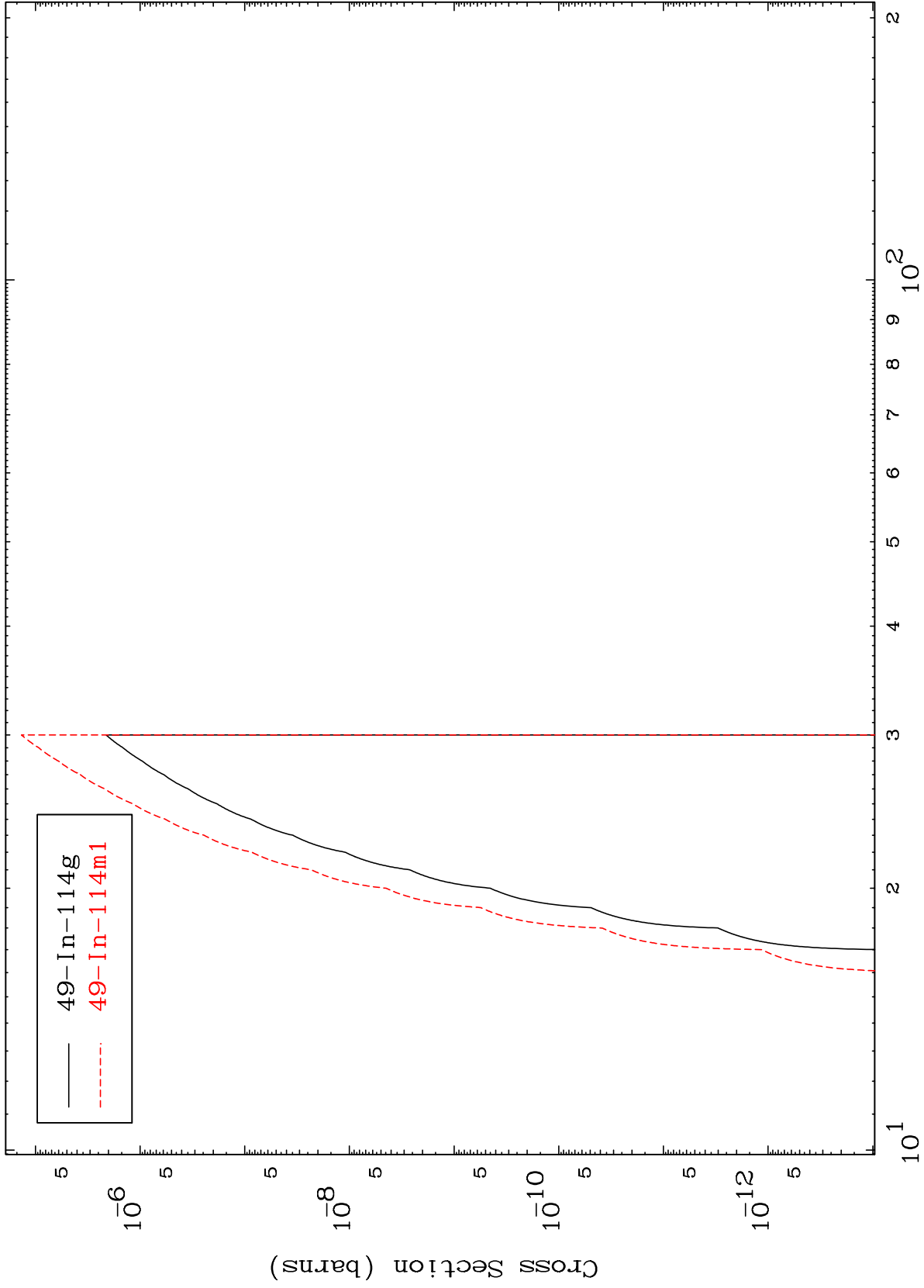
51-Sb-116m

MAT 5111

(n,p) d

51-Sb-116m

Radionuclide Production Cross Section

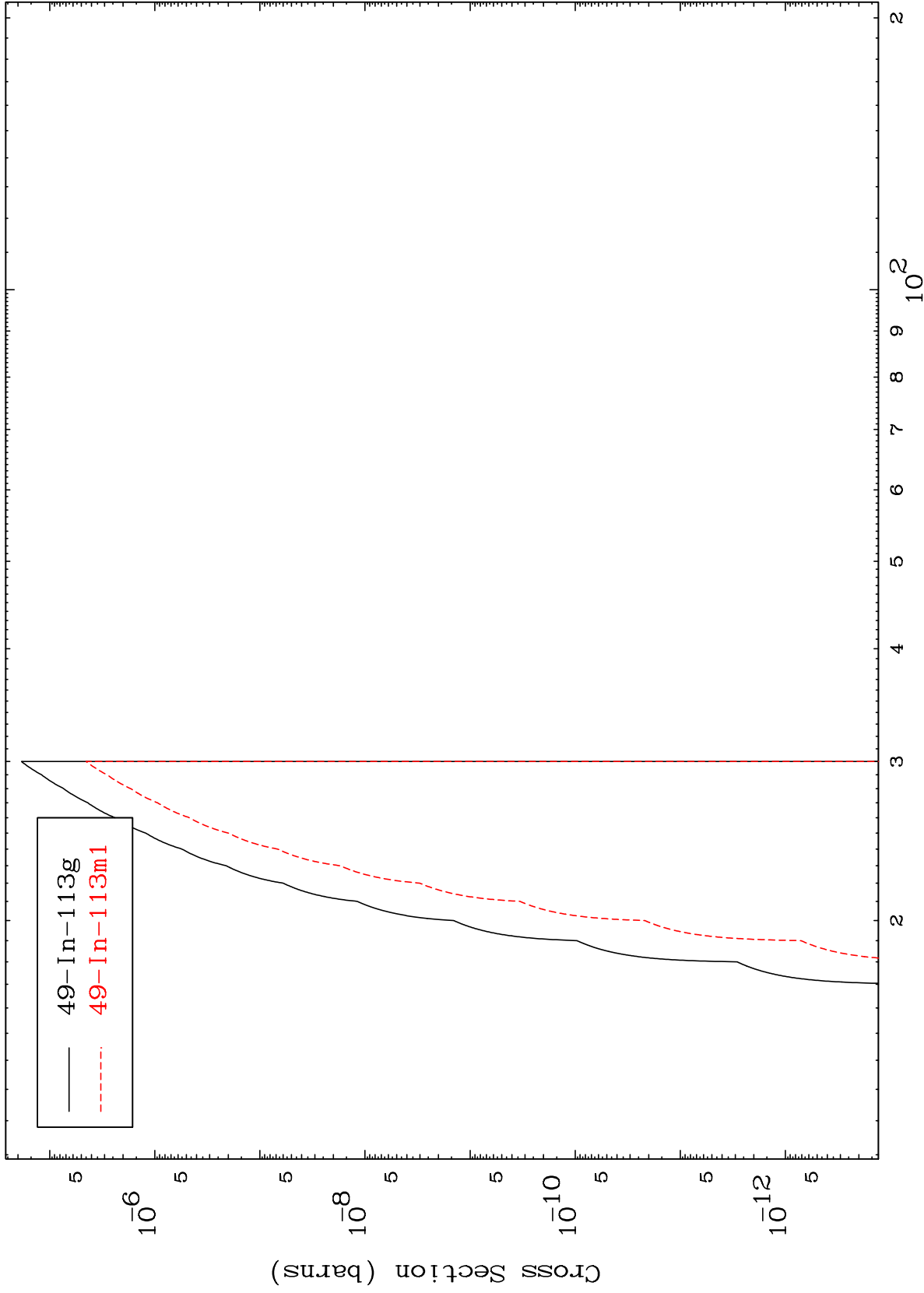


Incident Energy (MeV)

51-Sb-116m

34

Radionuclide Production Cross Section

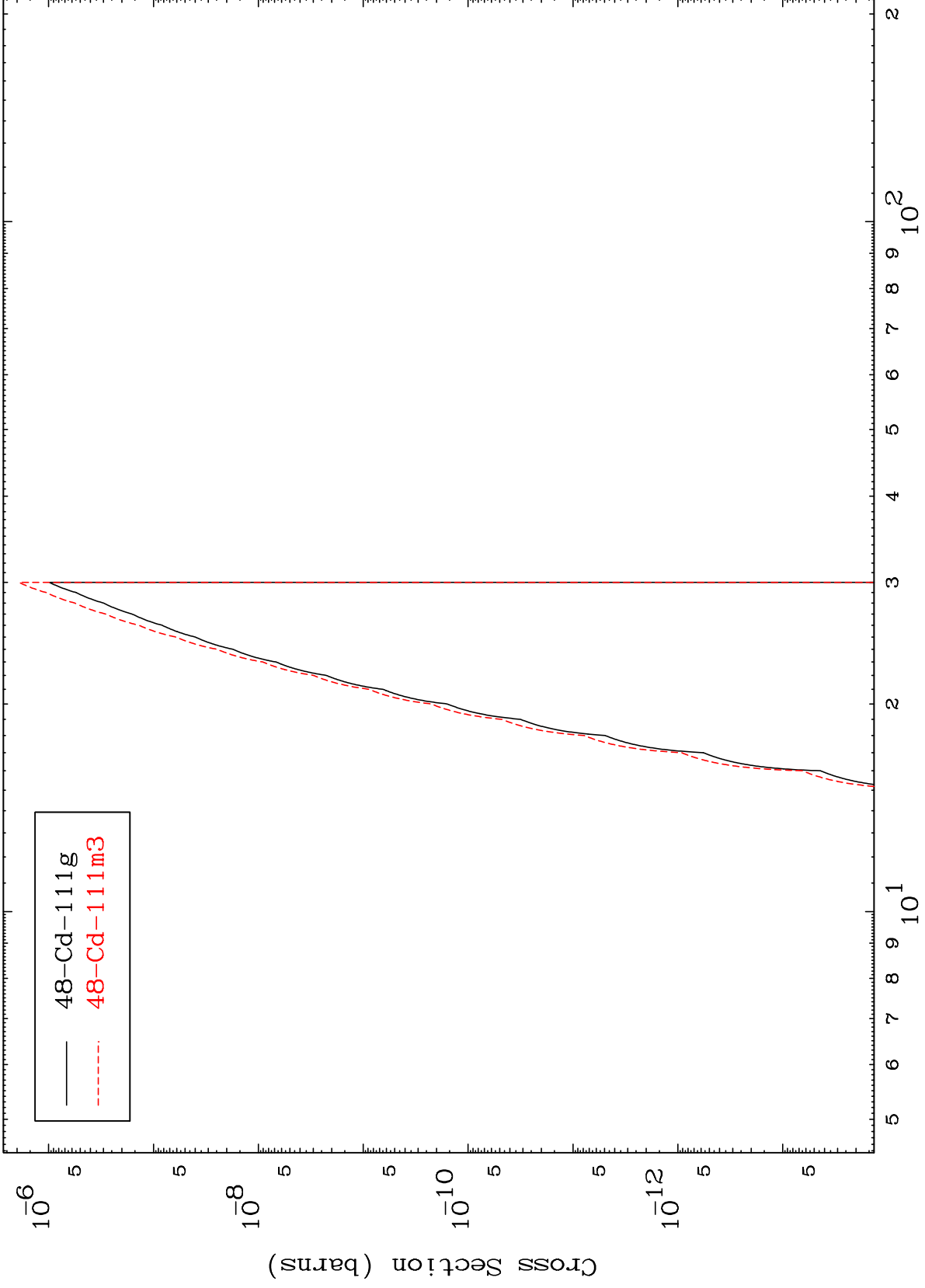


MAT 5111

(n,d)  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

51-Sb-116m