

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](mailto:redcullen1@comcast.net)

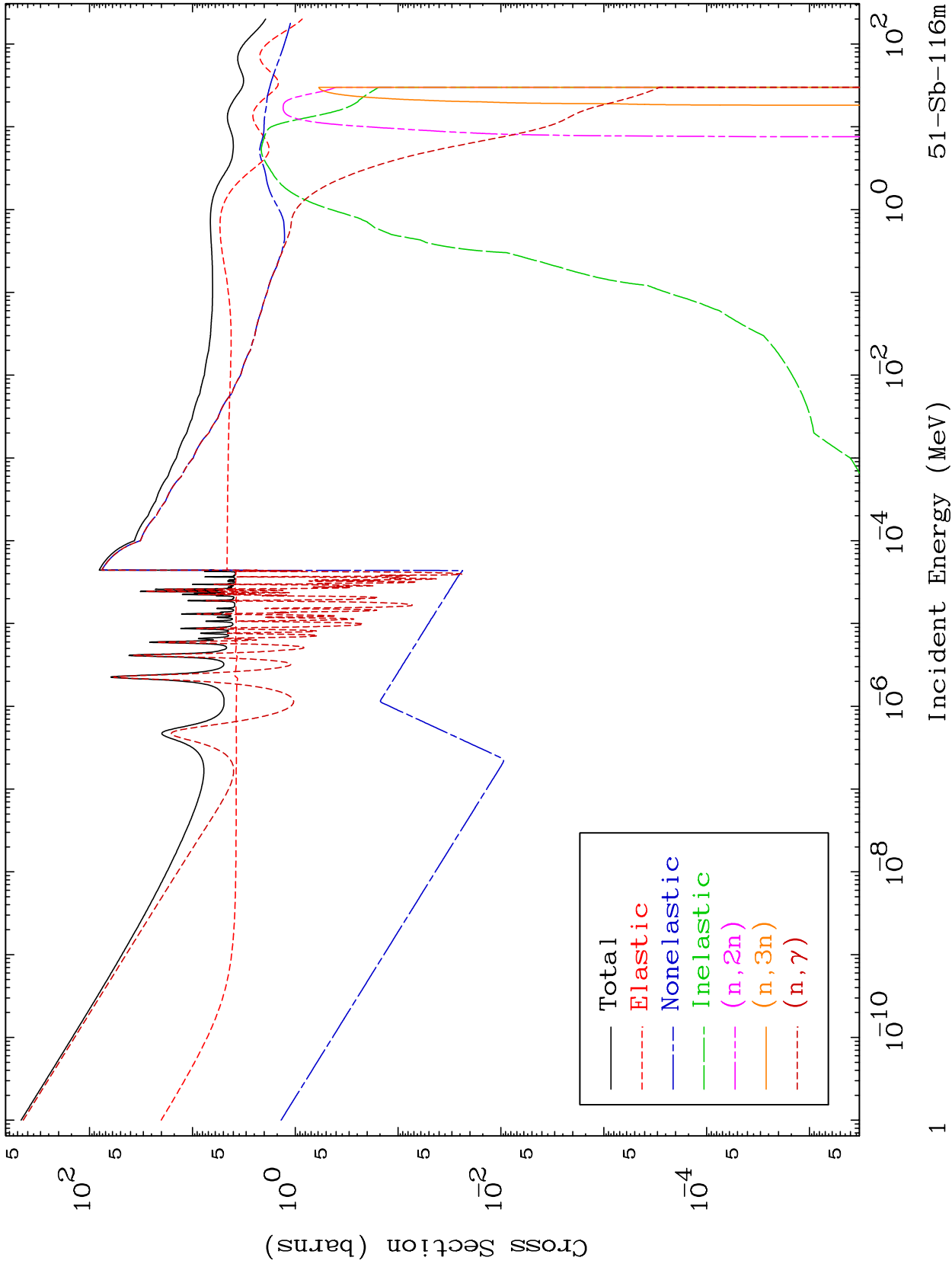
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5111

Neutron Major  
293 Kelvin Cross Sections

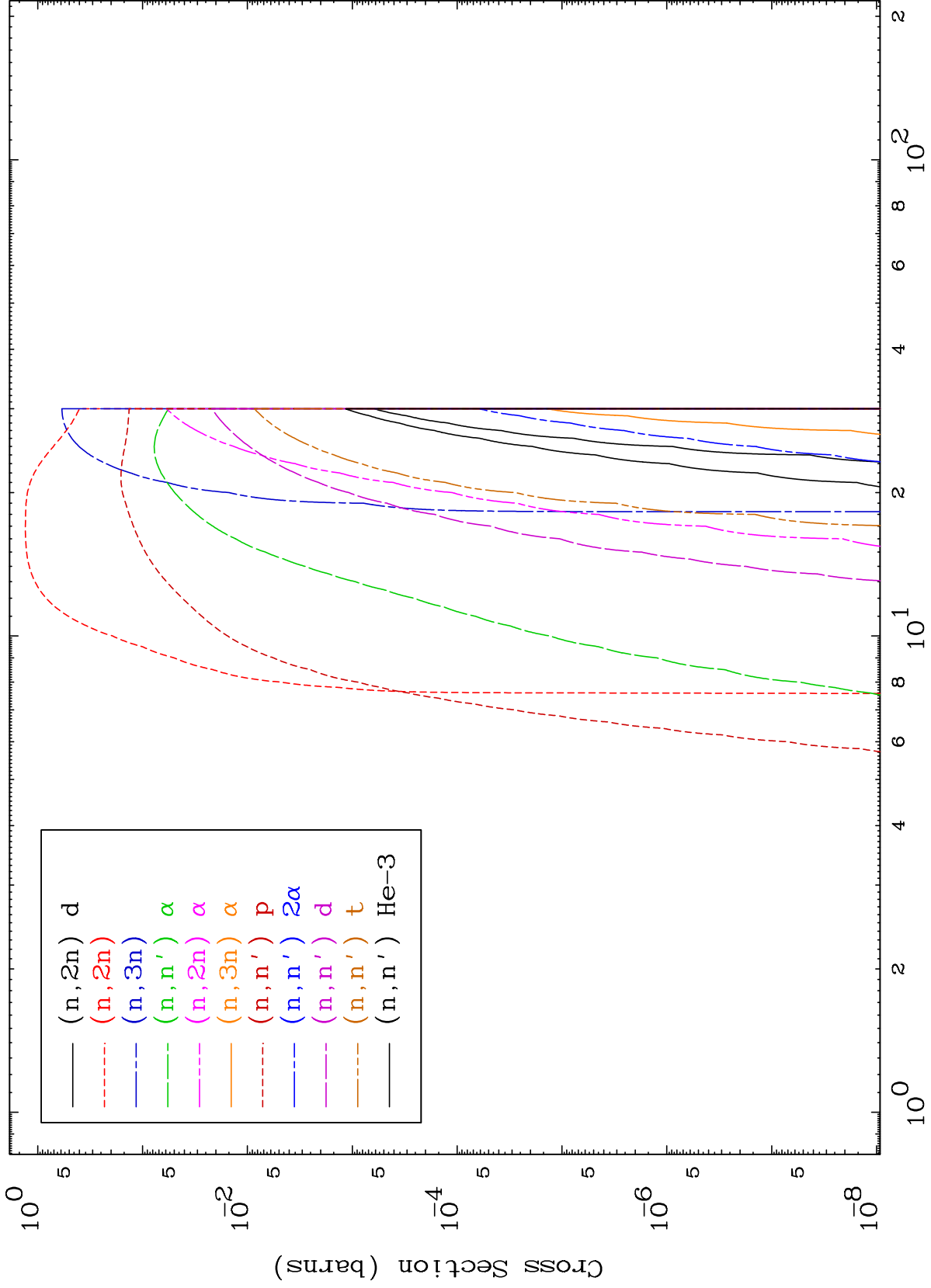
51-Sb-116m



MAT 5111

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-116m



51-Sb-116m

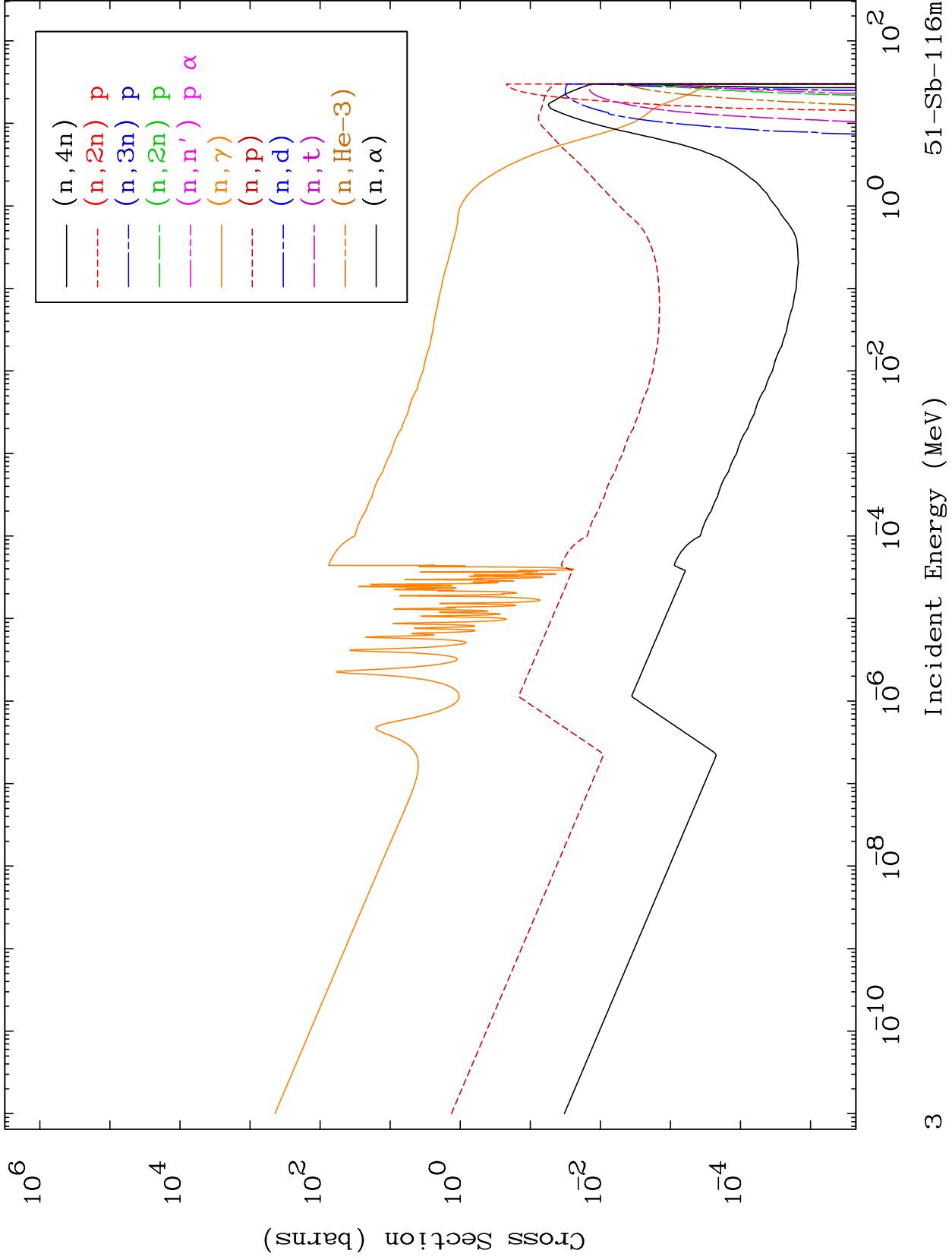
Incident Energy (MeV)

2

MAT 5111

Neutron Absorption  
293 Kelvin Cross Sections

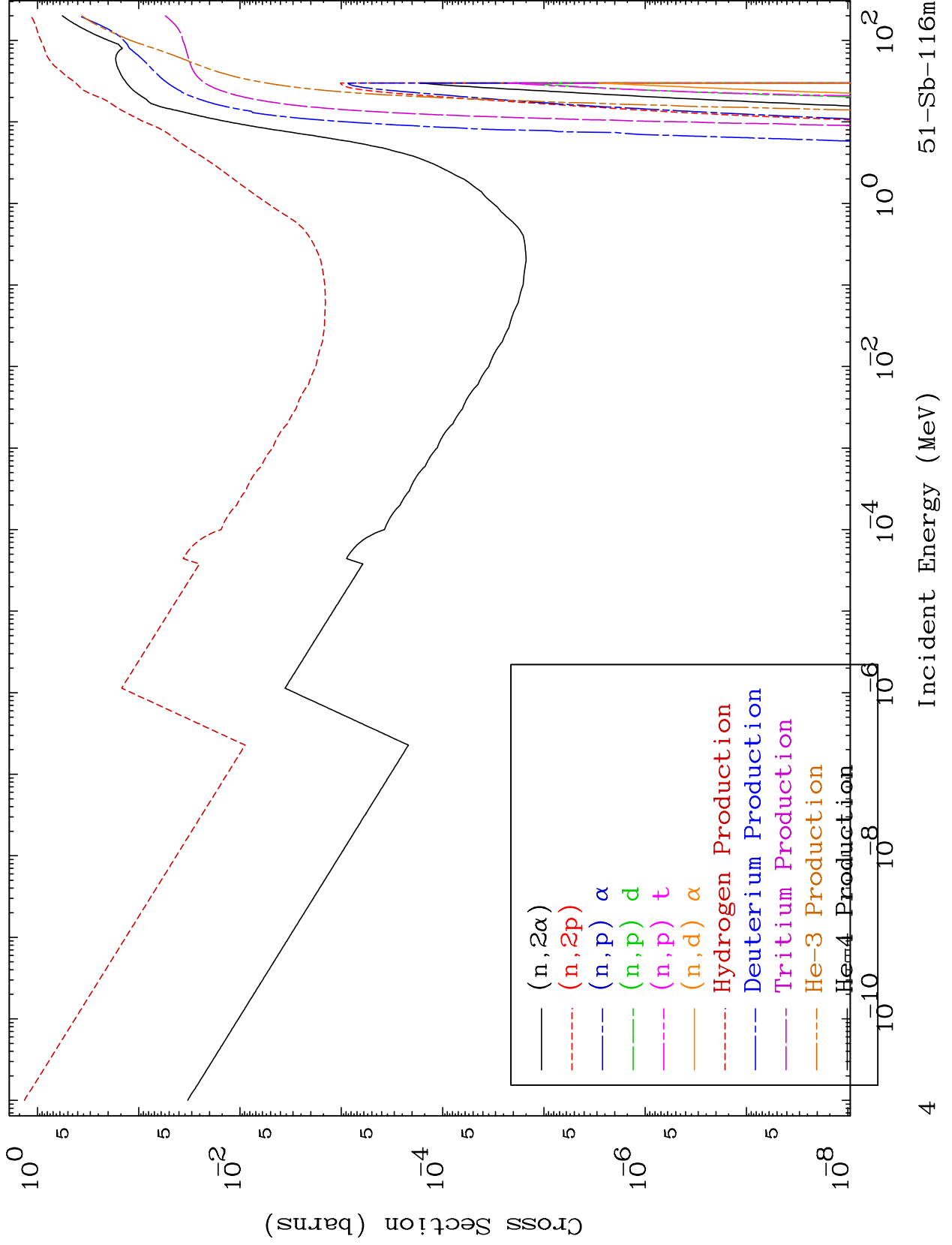
51-Sb-116m



MAT 5111

Neutron Absorption  
293 Kelvin Cross Sections

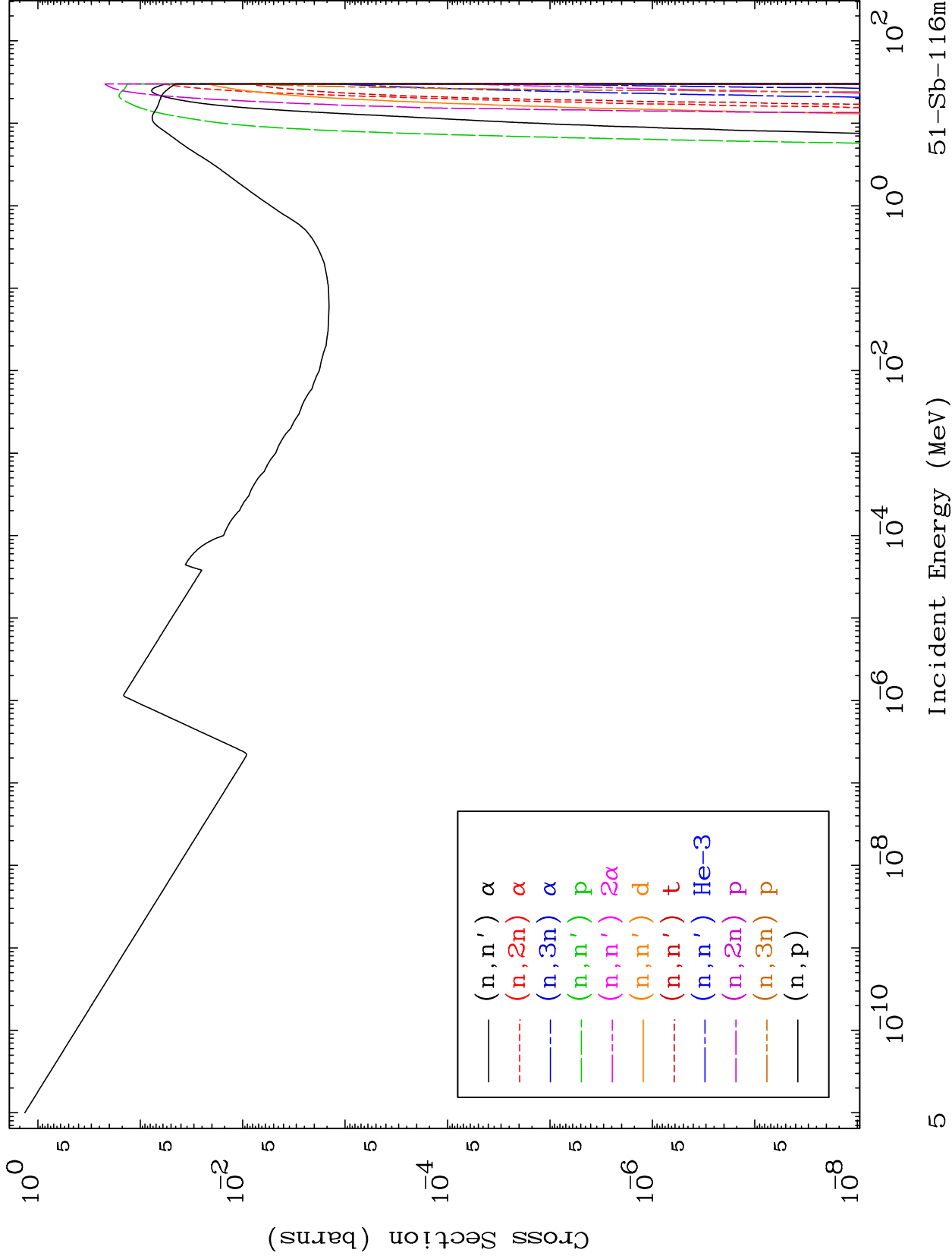
51-Sb-116m



MAT 5111

Charged Particle  
293 Kelvin Cross Sections

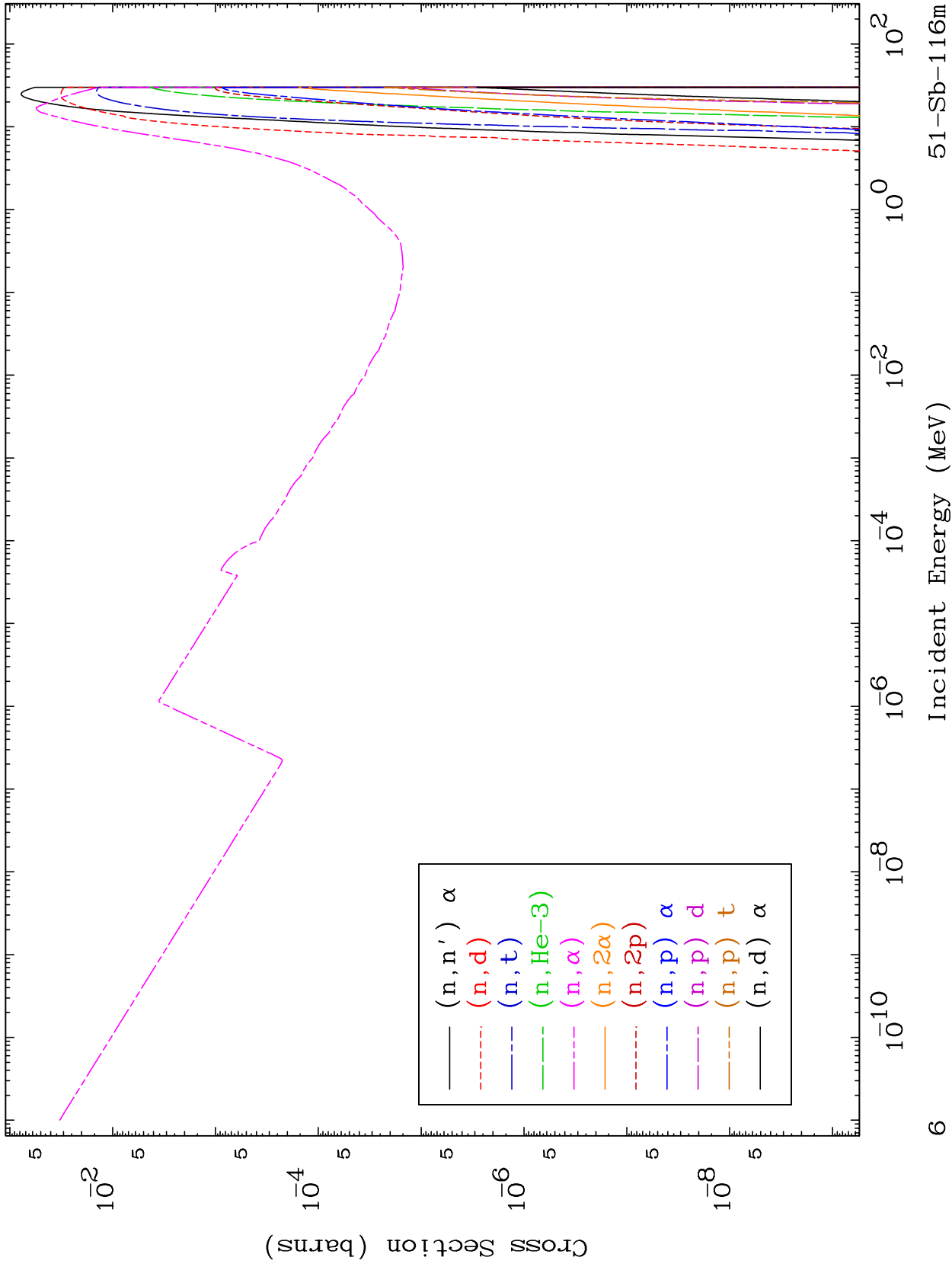
51-Sb-116m



MAT 5111

Charged Particle  
293 Kelvin Cross Sections

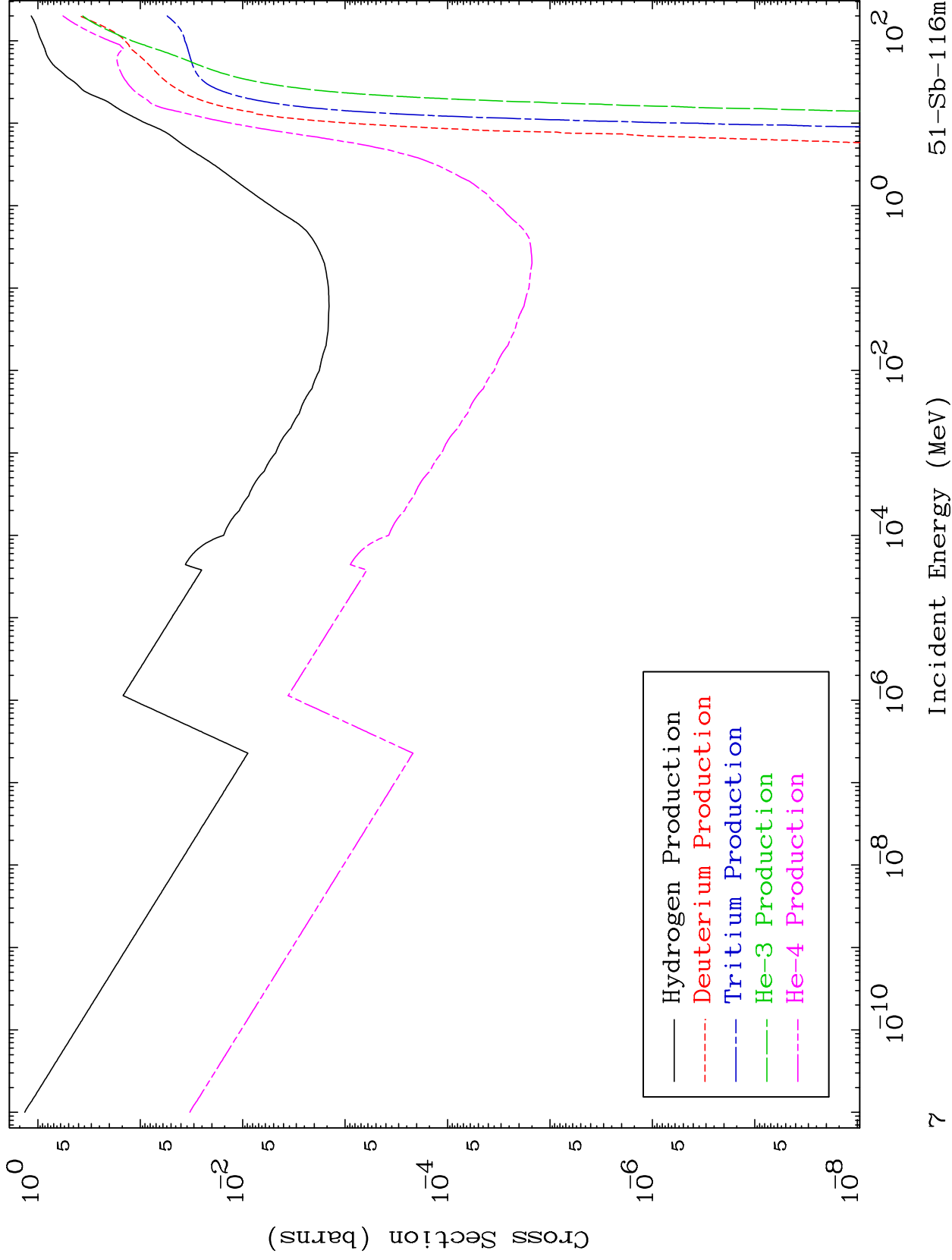
51-Sb-116m



MAT 5111

Particle Production  
293 Kelvin Cross Sections

51-Sb-116m

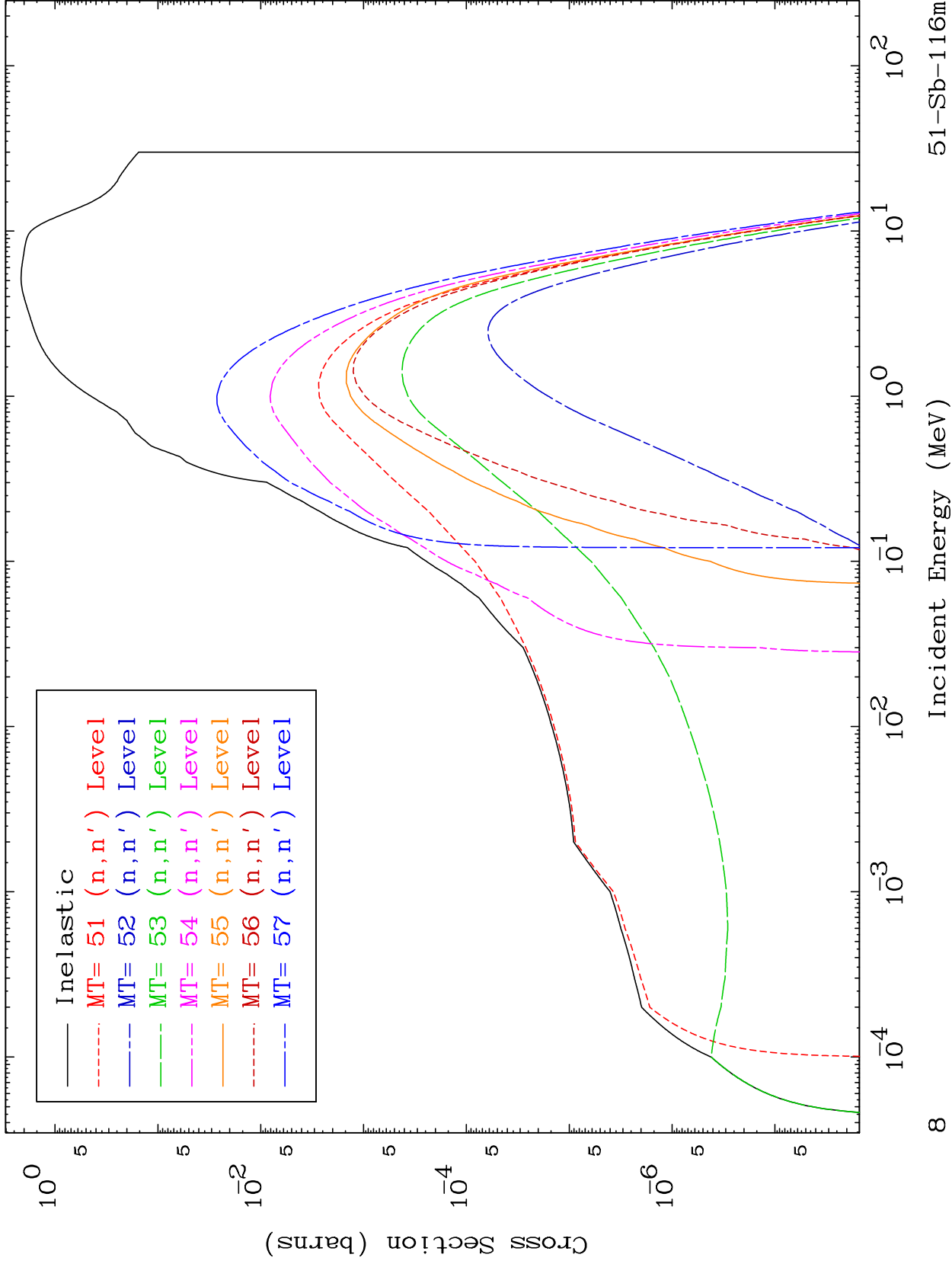




MAT 5111

(n,n') Levels  
293 Kelvin Cross Sections

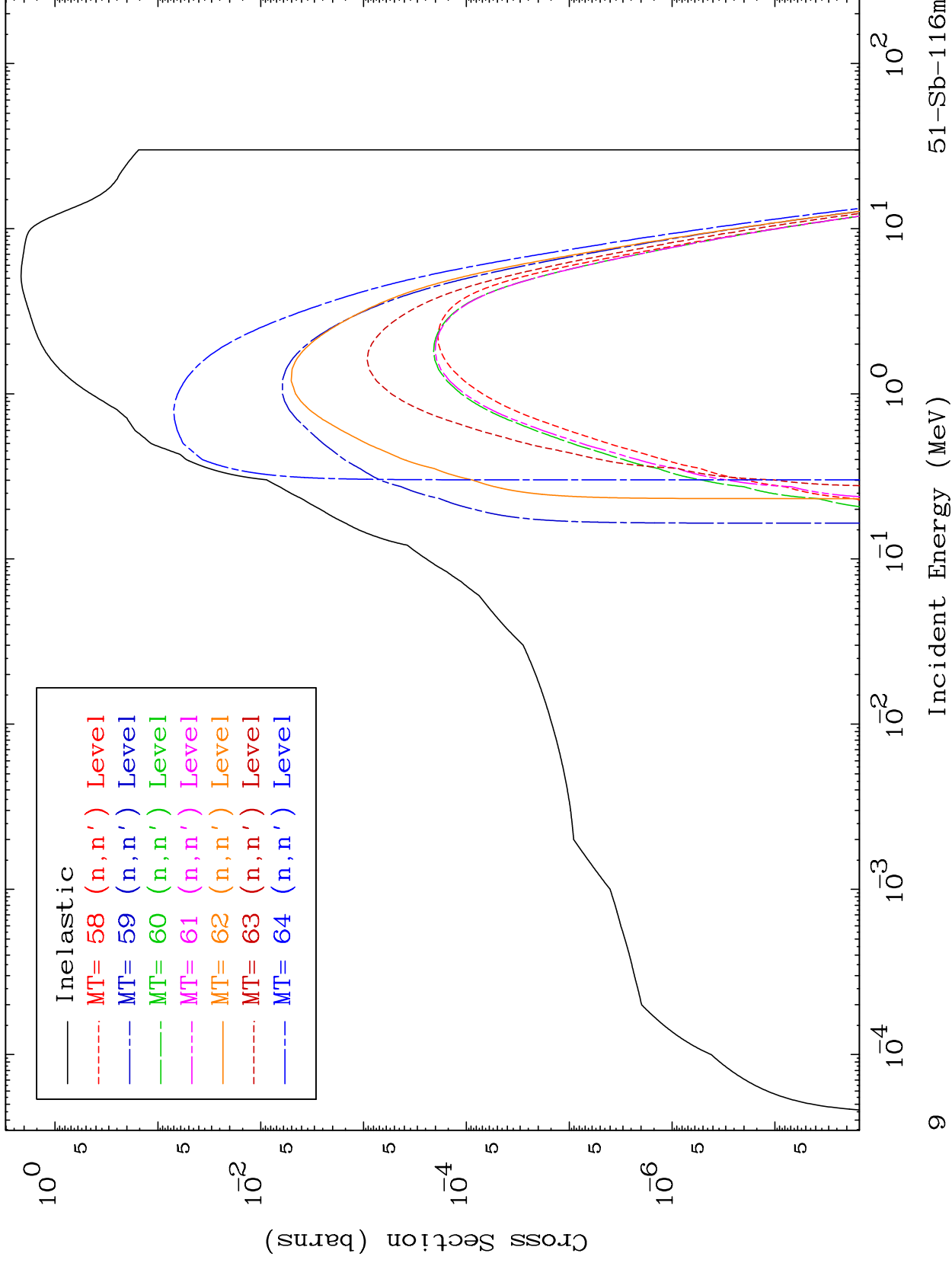
51-Sb-116m



MAT 5111

(n,n') Levels  
293 Kelvin Cross Sections

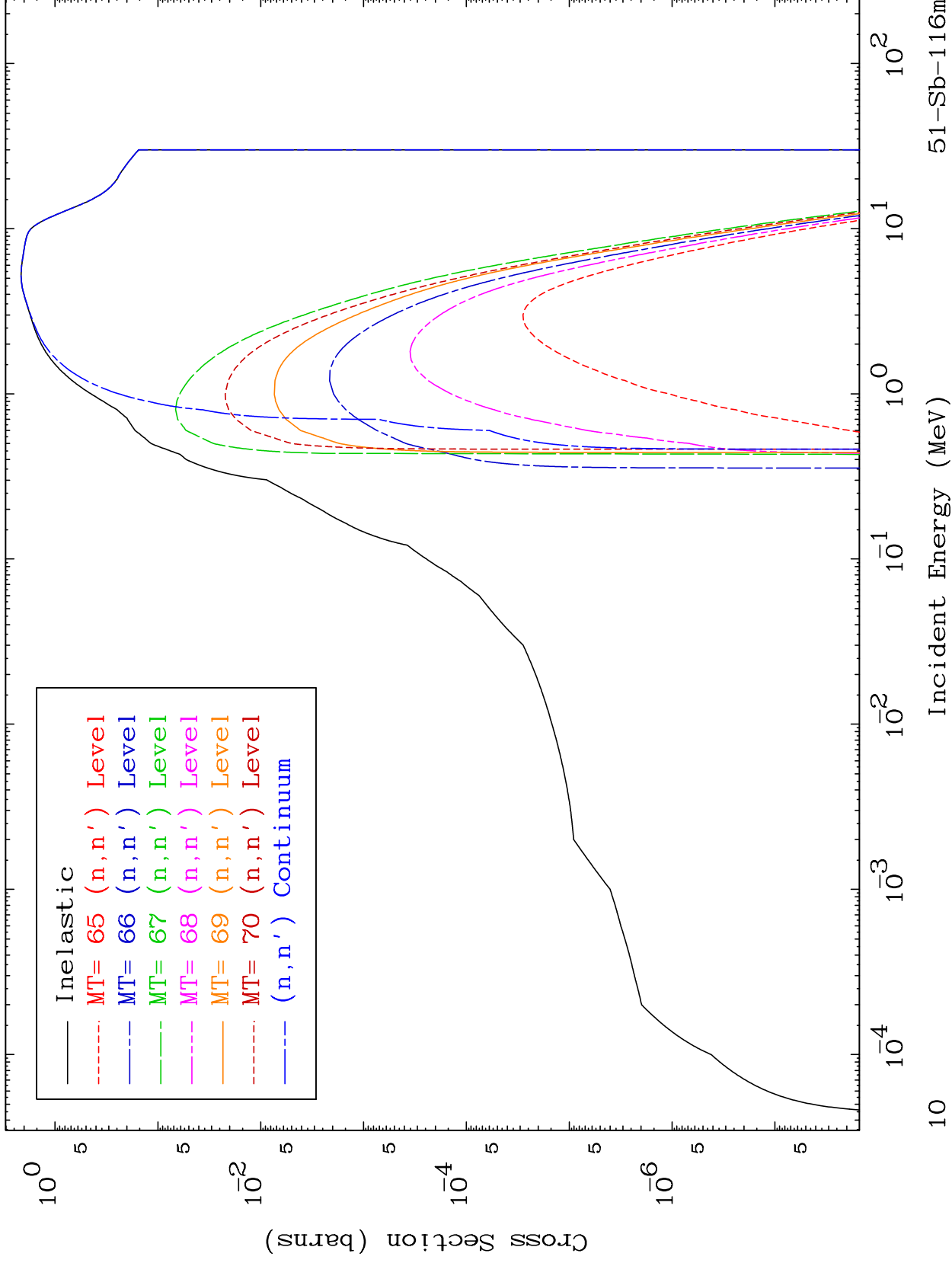
51-Sb-116m



MAT 5111

(n,n') Levels  
293 Kelvin Cross Sections

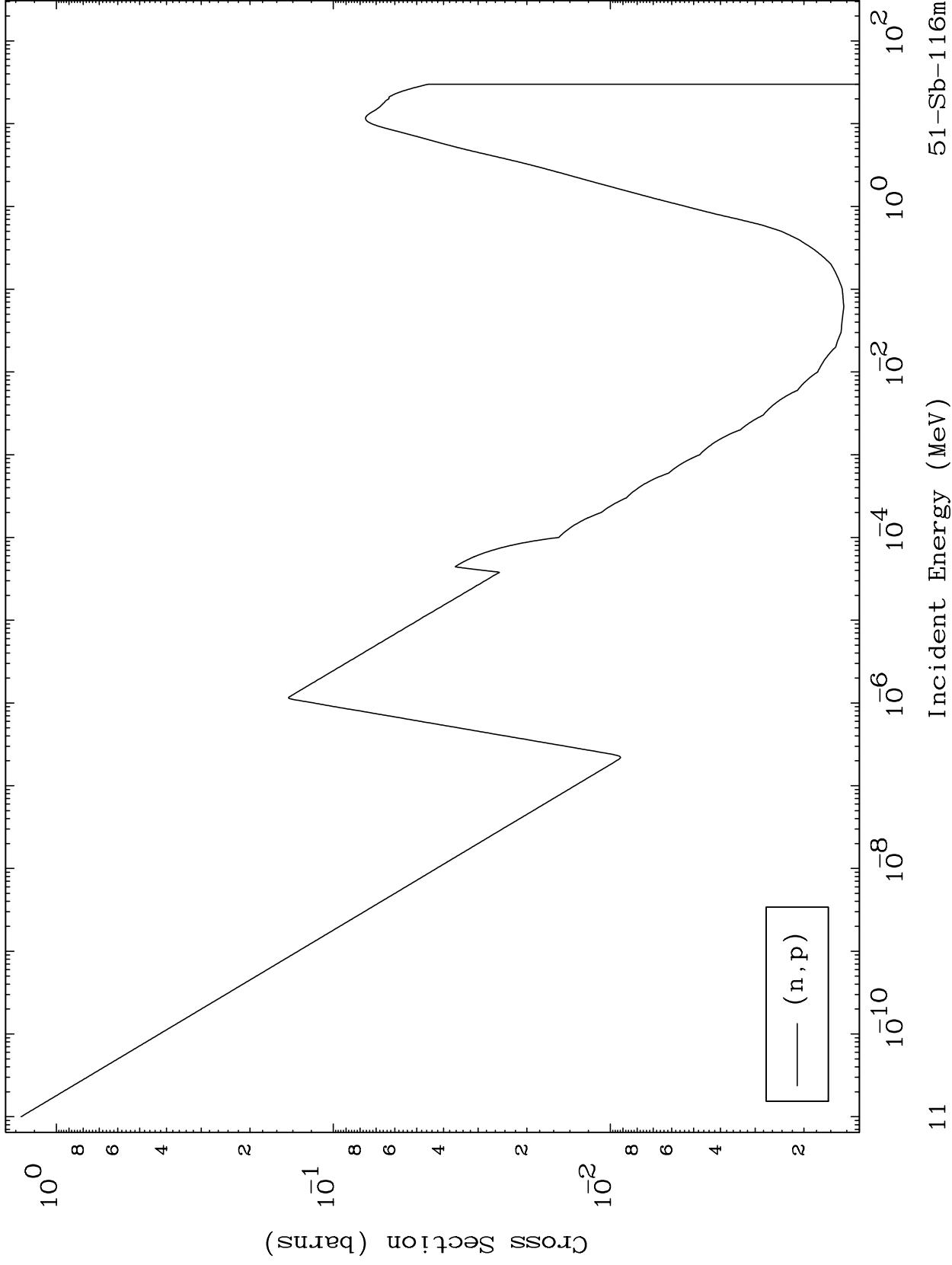
51-Sb-116m



MAT 5111

(n,p) Levels  
293 Kelvin Cross Sections

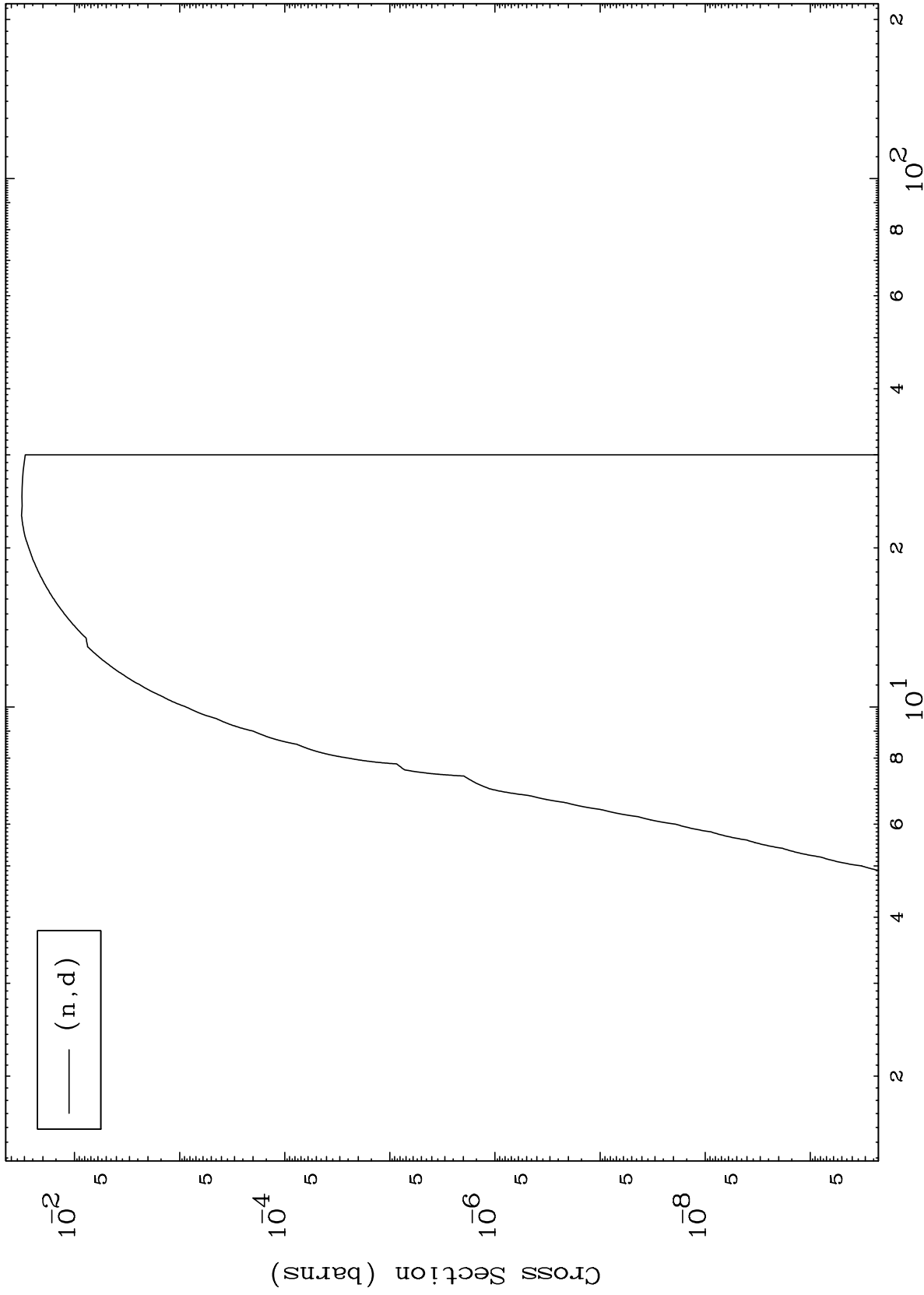
51-Sb-116m



MAT 51111

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-116m



12

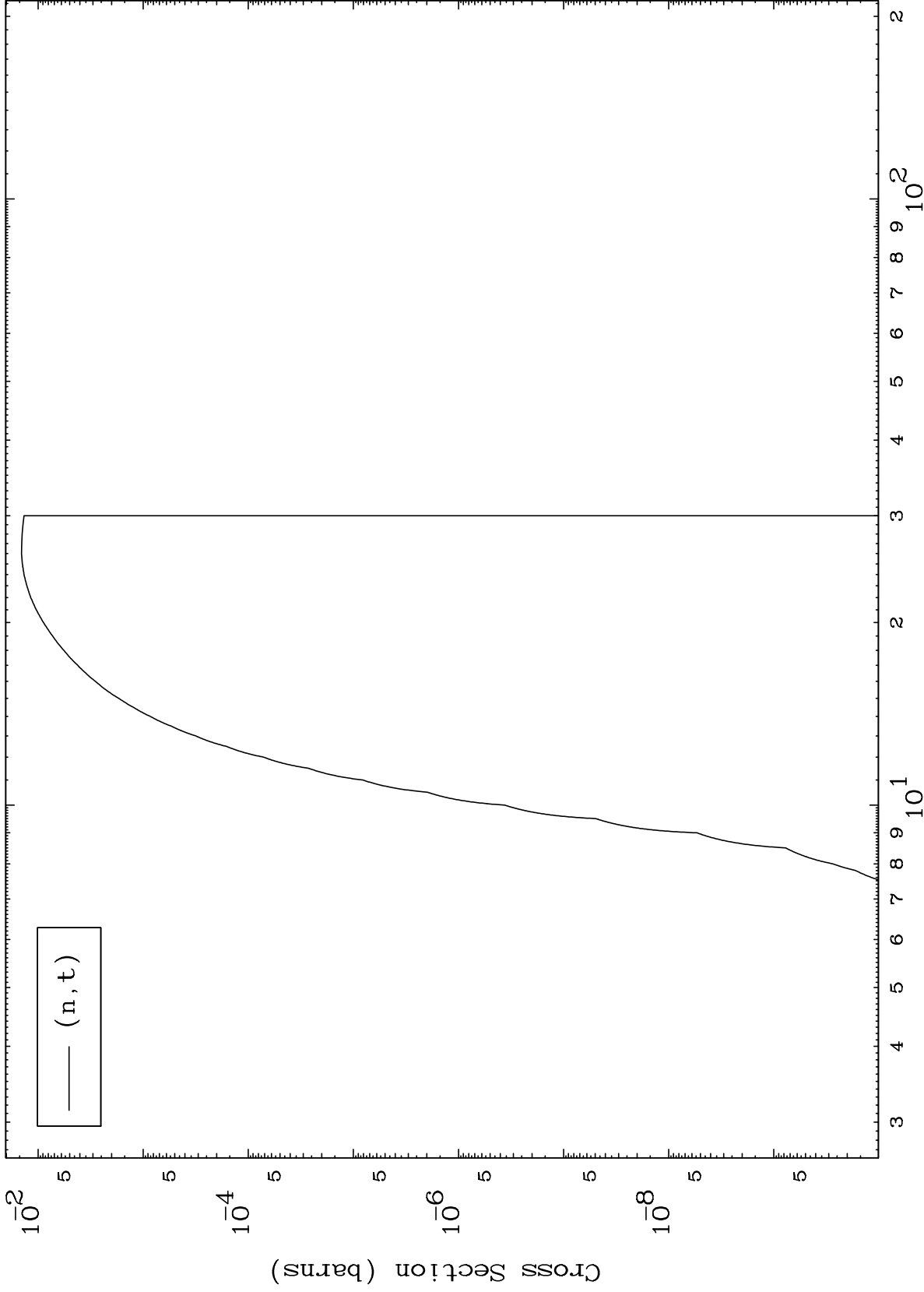
Incident Energy (MeV)

51-Sb-116m

MAT 5111

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-116m



13

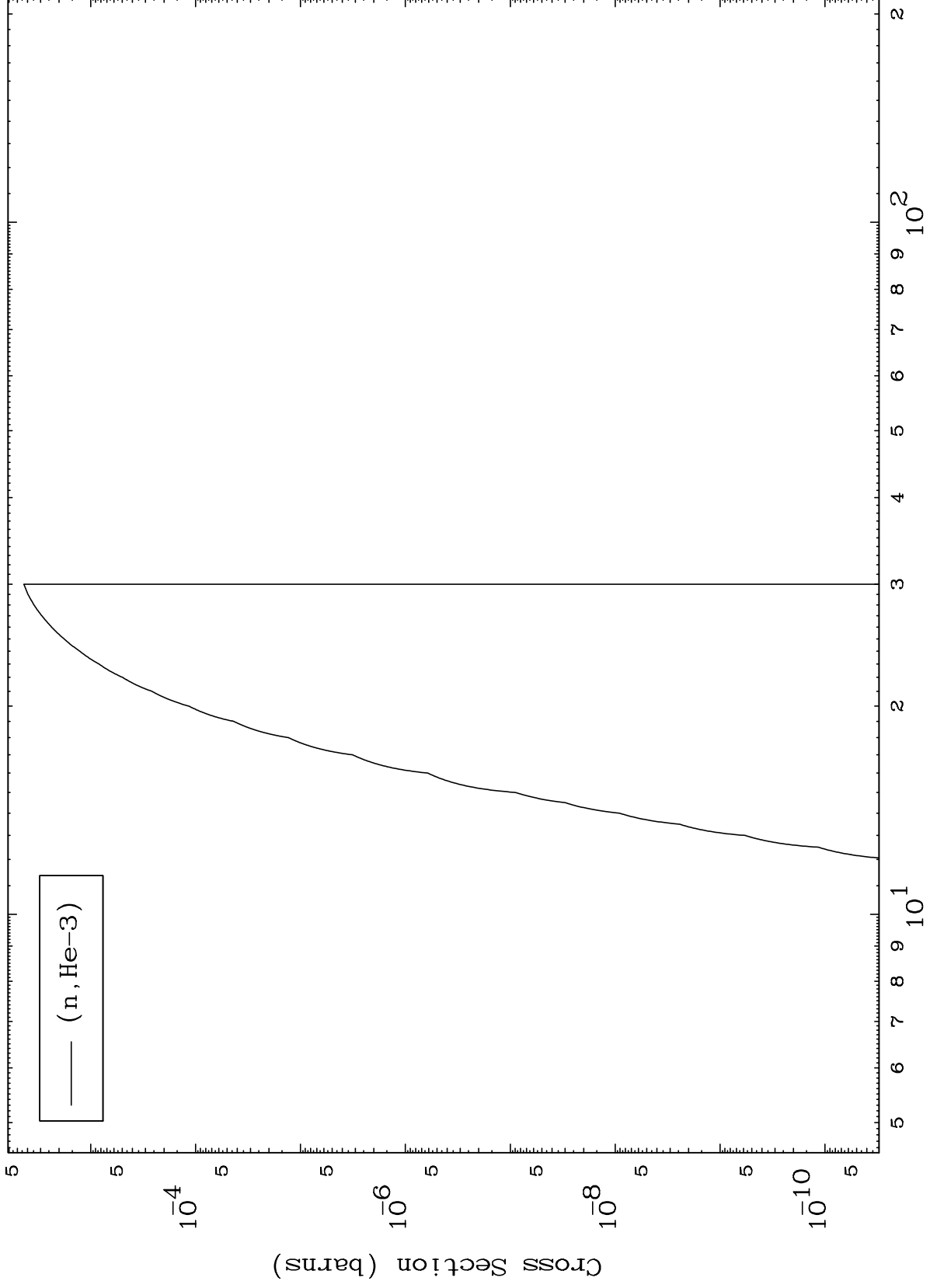
Incident Energy (MeV)

51-Sb-116m

MAT 5111

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-116m



14

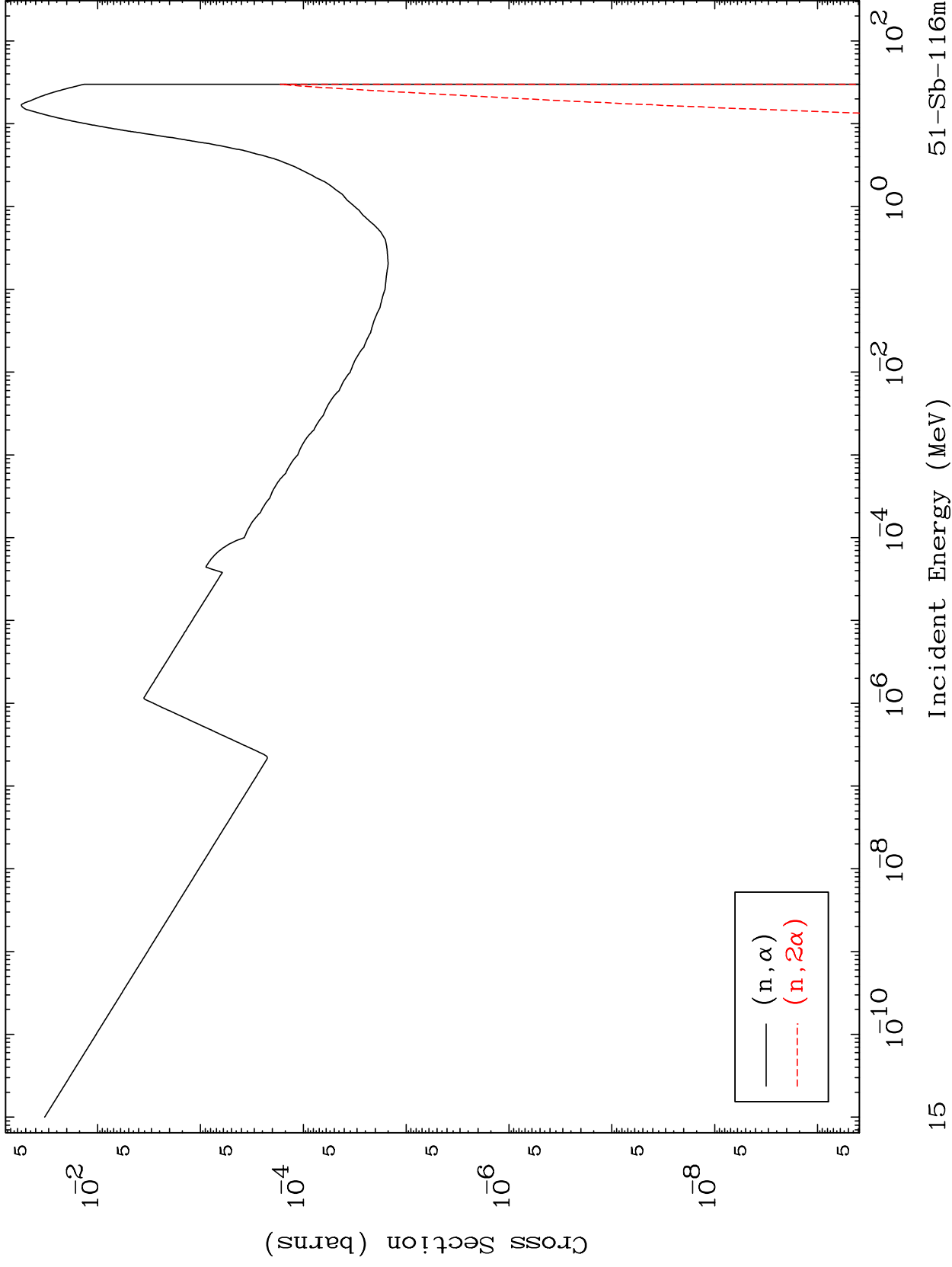
Incident Energy (MeV)

51-Sb-116m

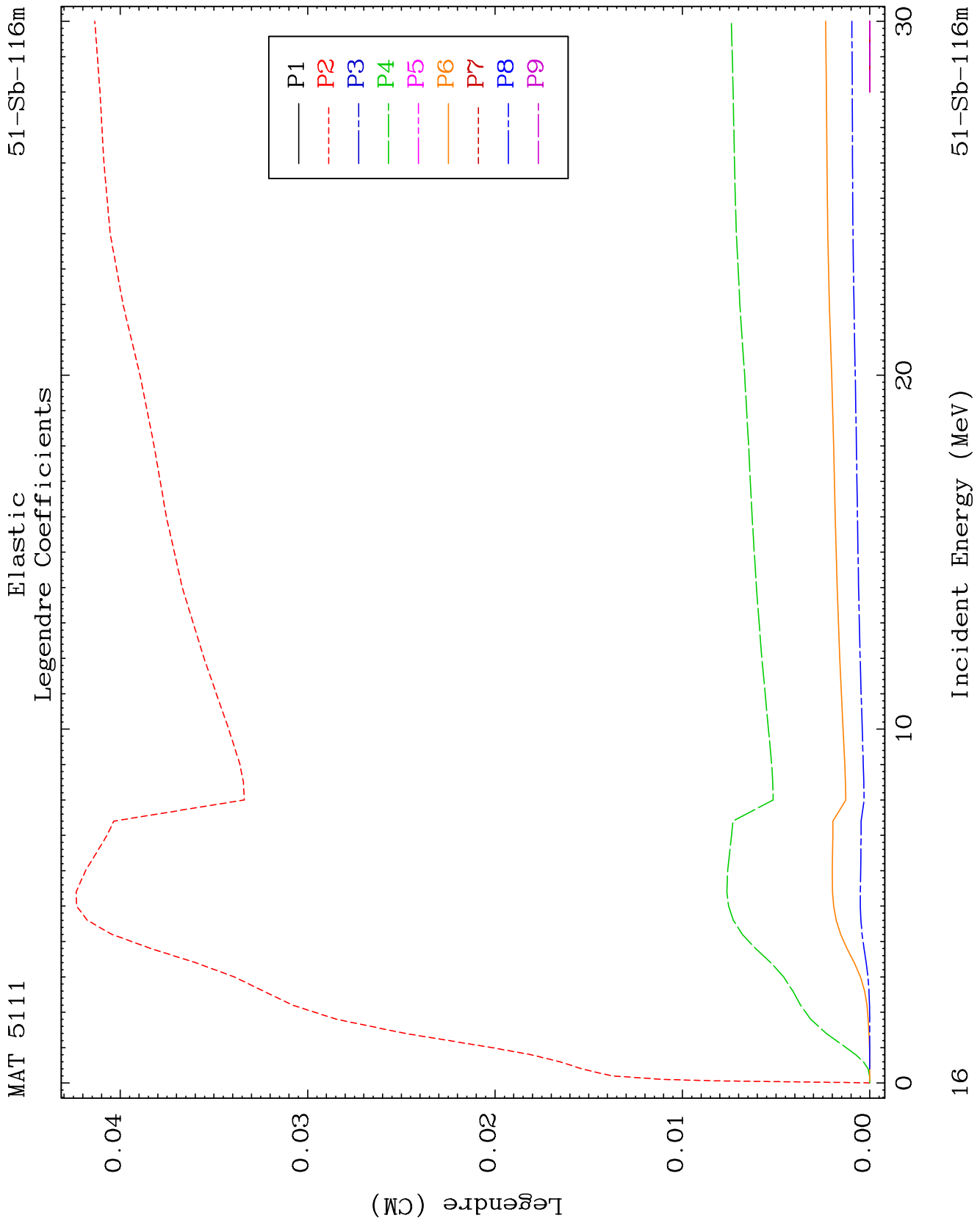
MAT 5111

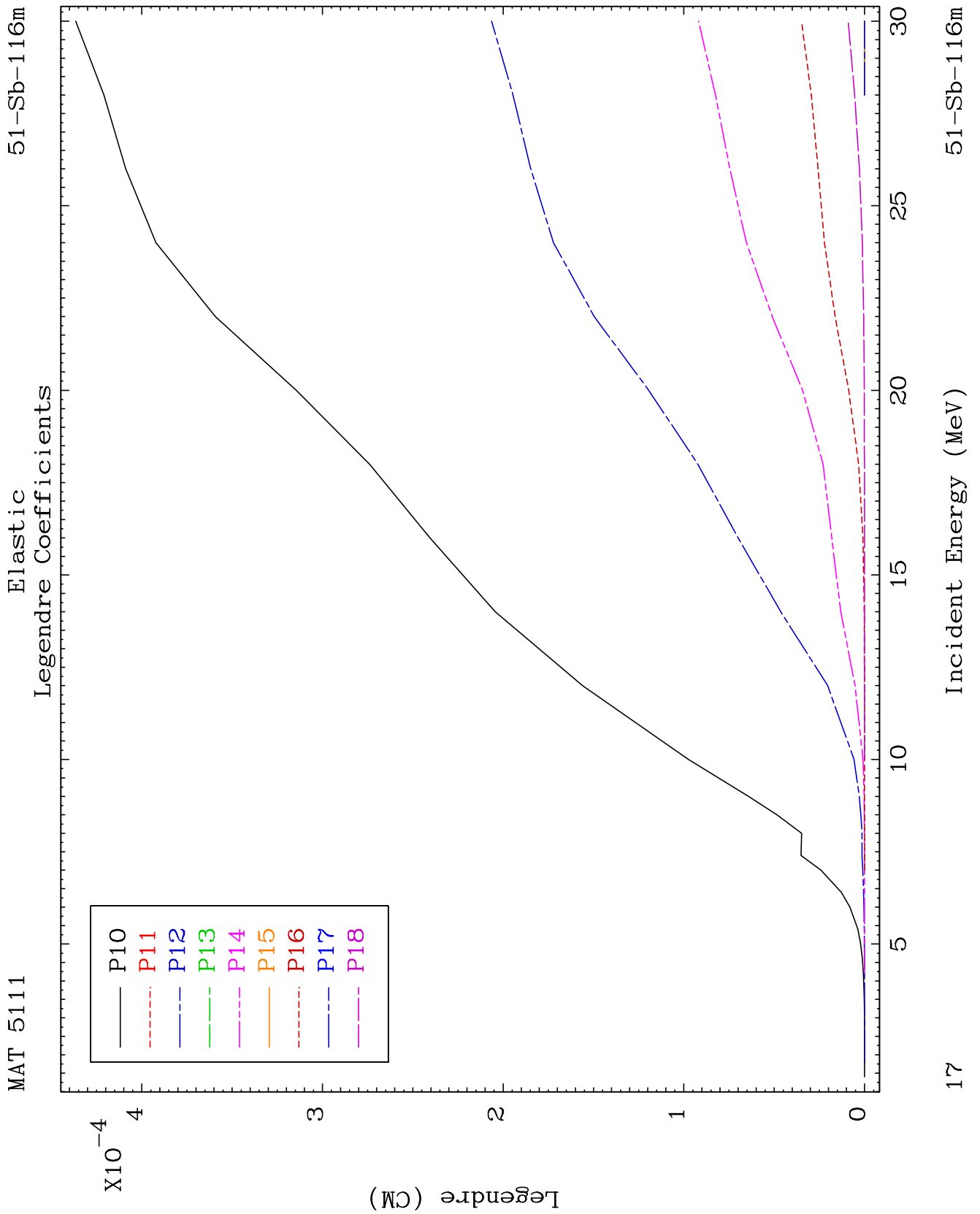
(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-116m







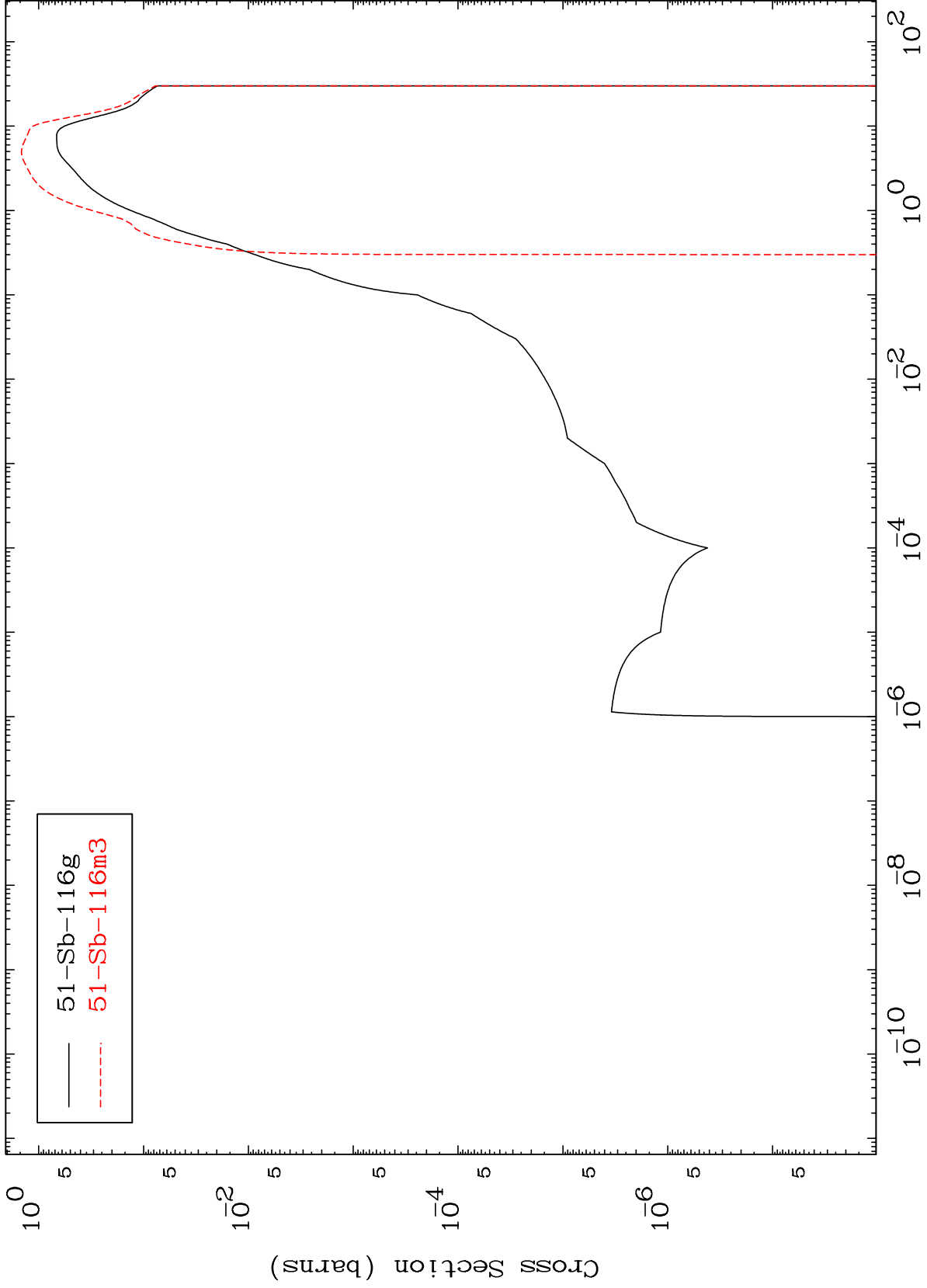




MAT 5111

Inelastic  
Radionuclide Production Cross Section

51-Sb-116m

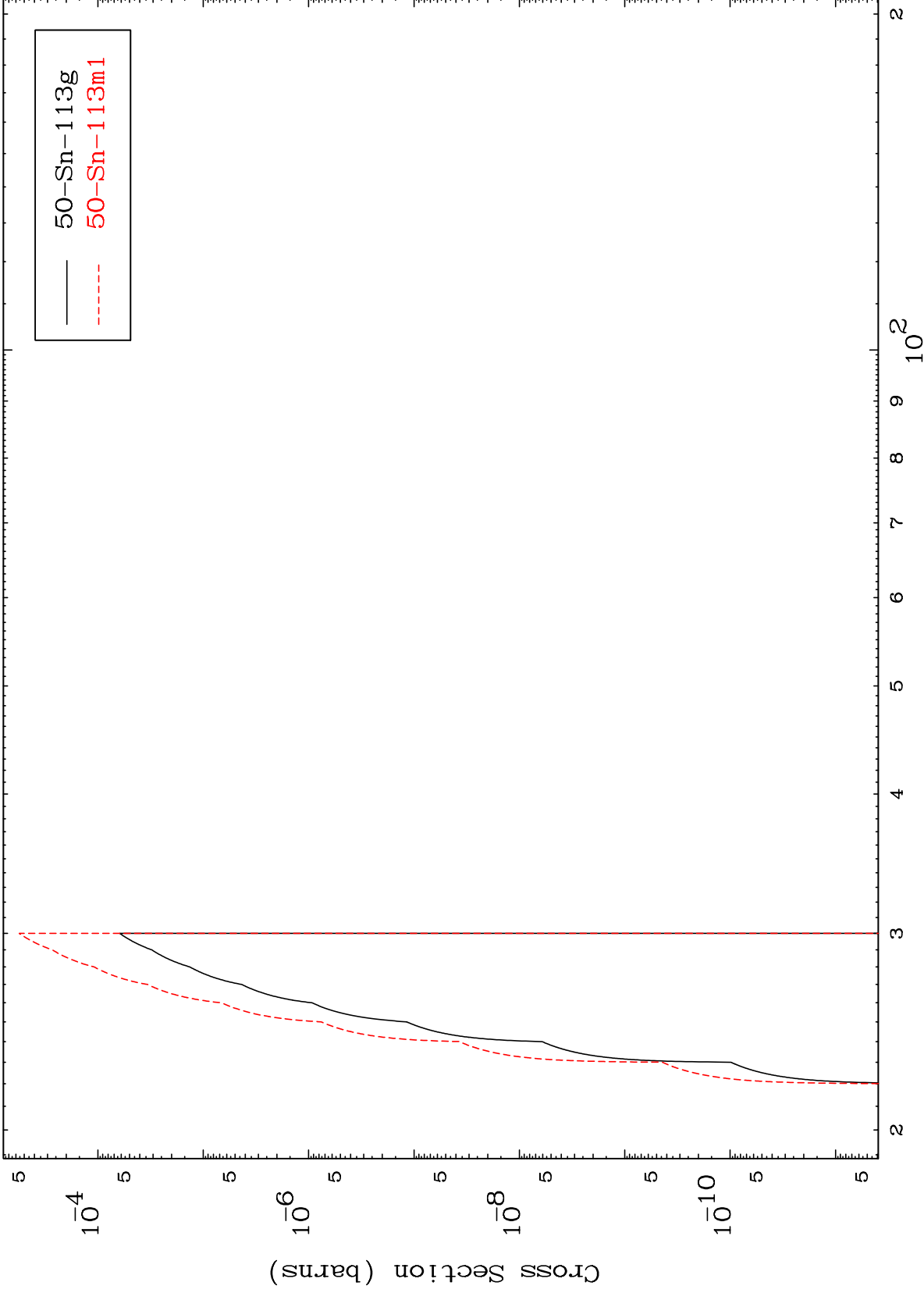


MAT 5111

(n,2n) d

51-Sb-116m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$10^2$

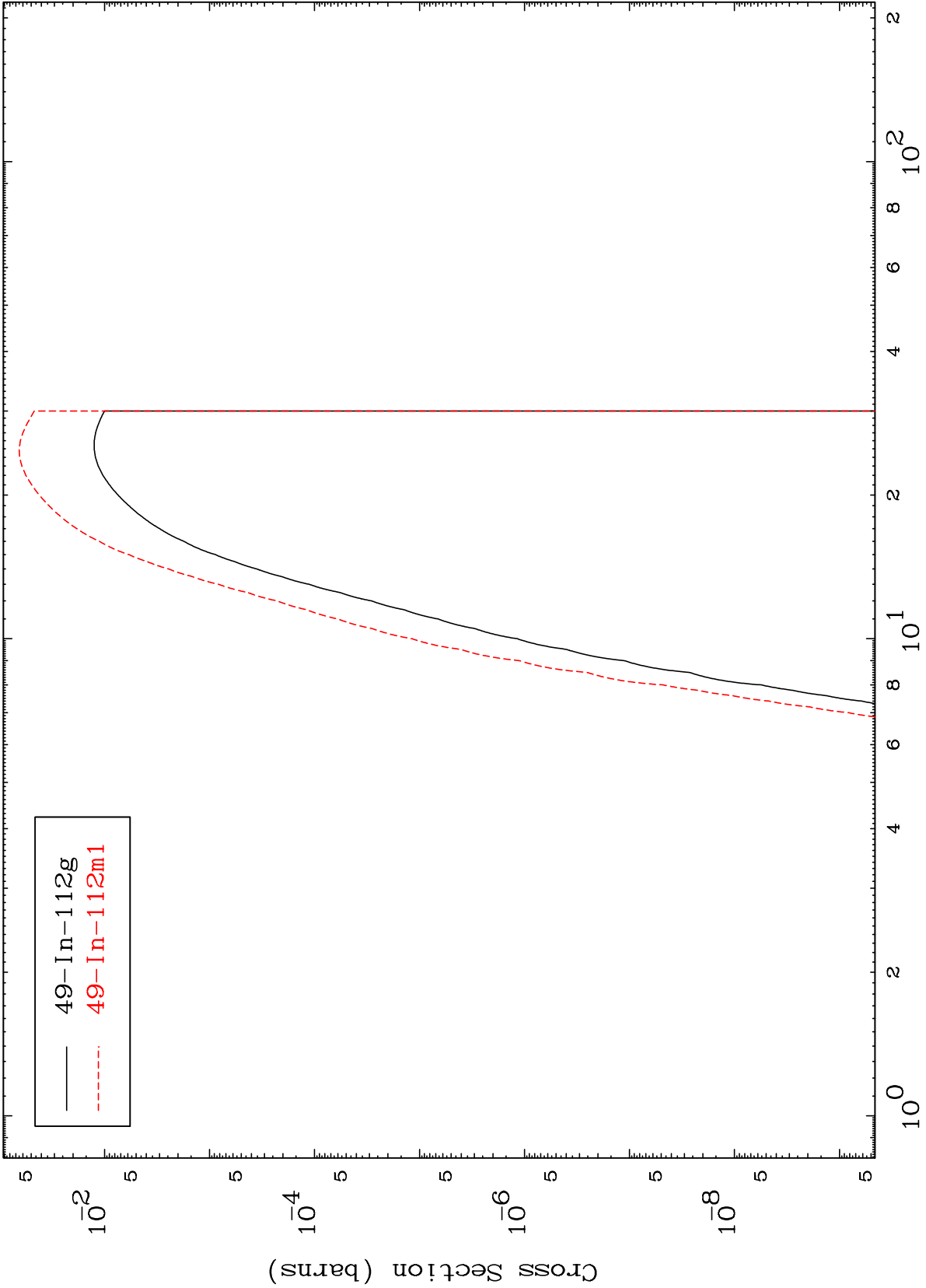
51-Sb-116m

MAT 5111

(n,n')  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



— 49-In-112g  
- - - 49-In-112m1

21

Incident Energy (MeV)

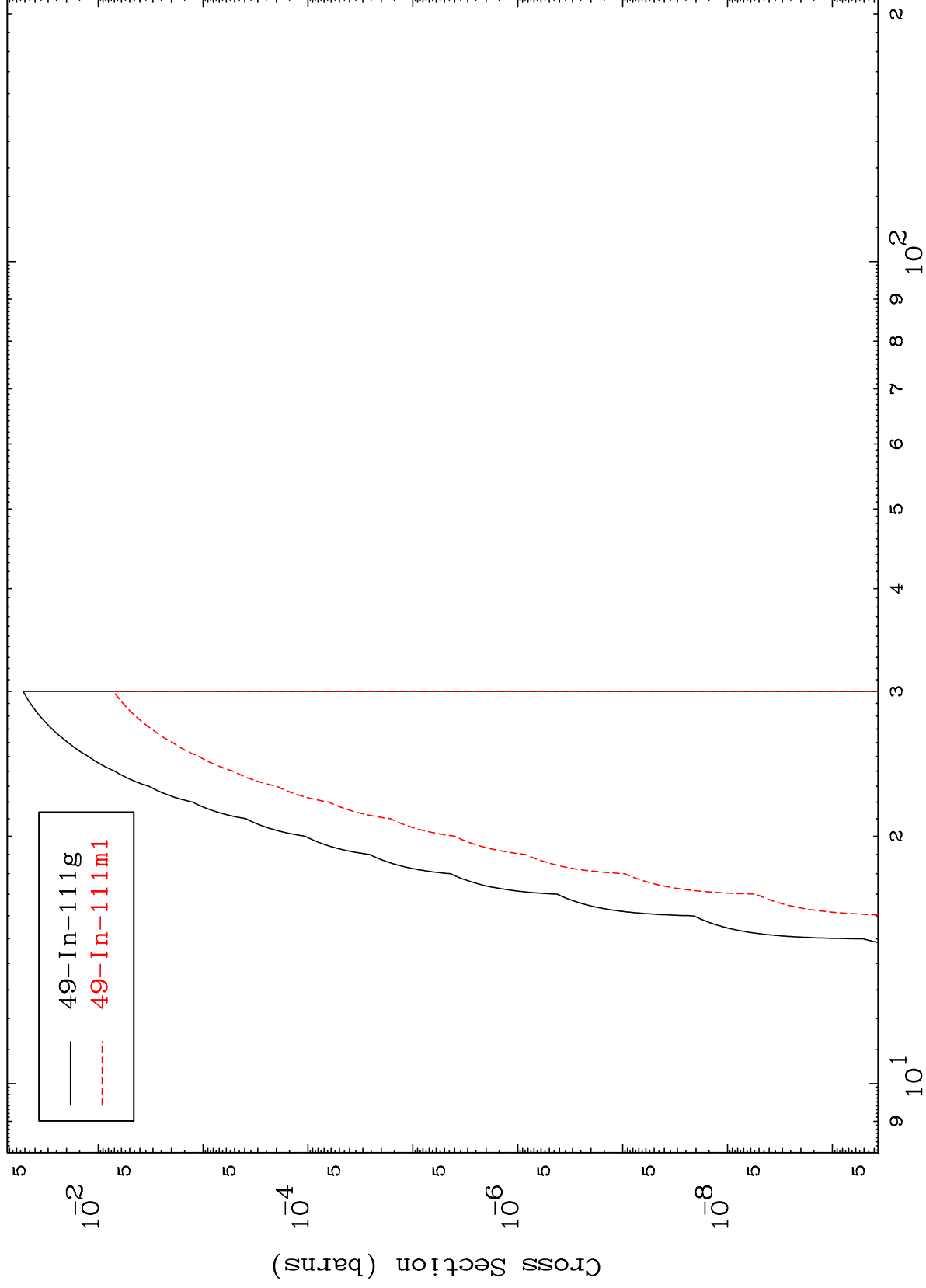
51-Sb-116m

MAT 5111

51-Sb-116m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

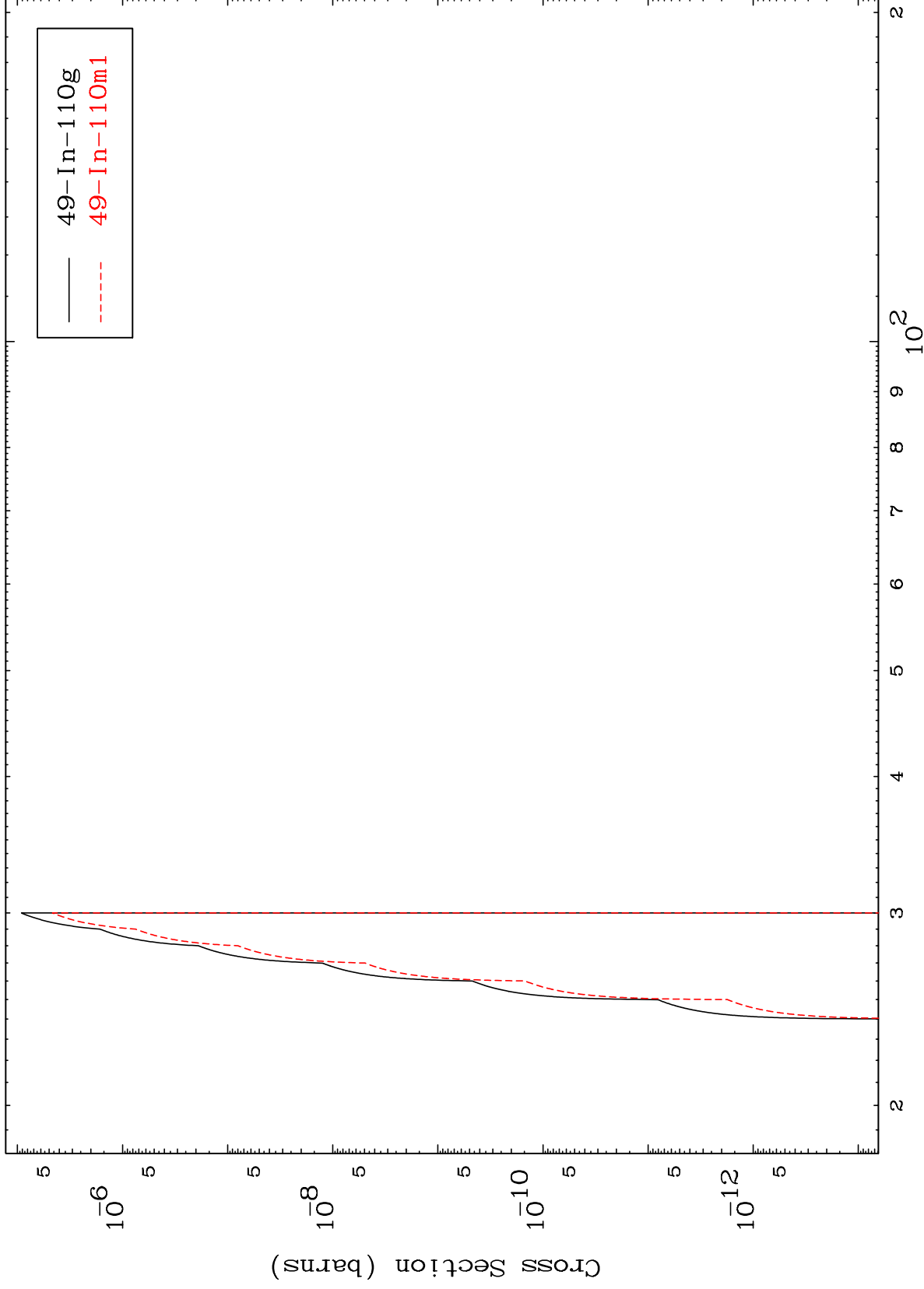
51-Sb-116m

MAT 5111

(n,3n)  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-116m

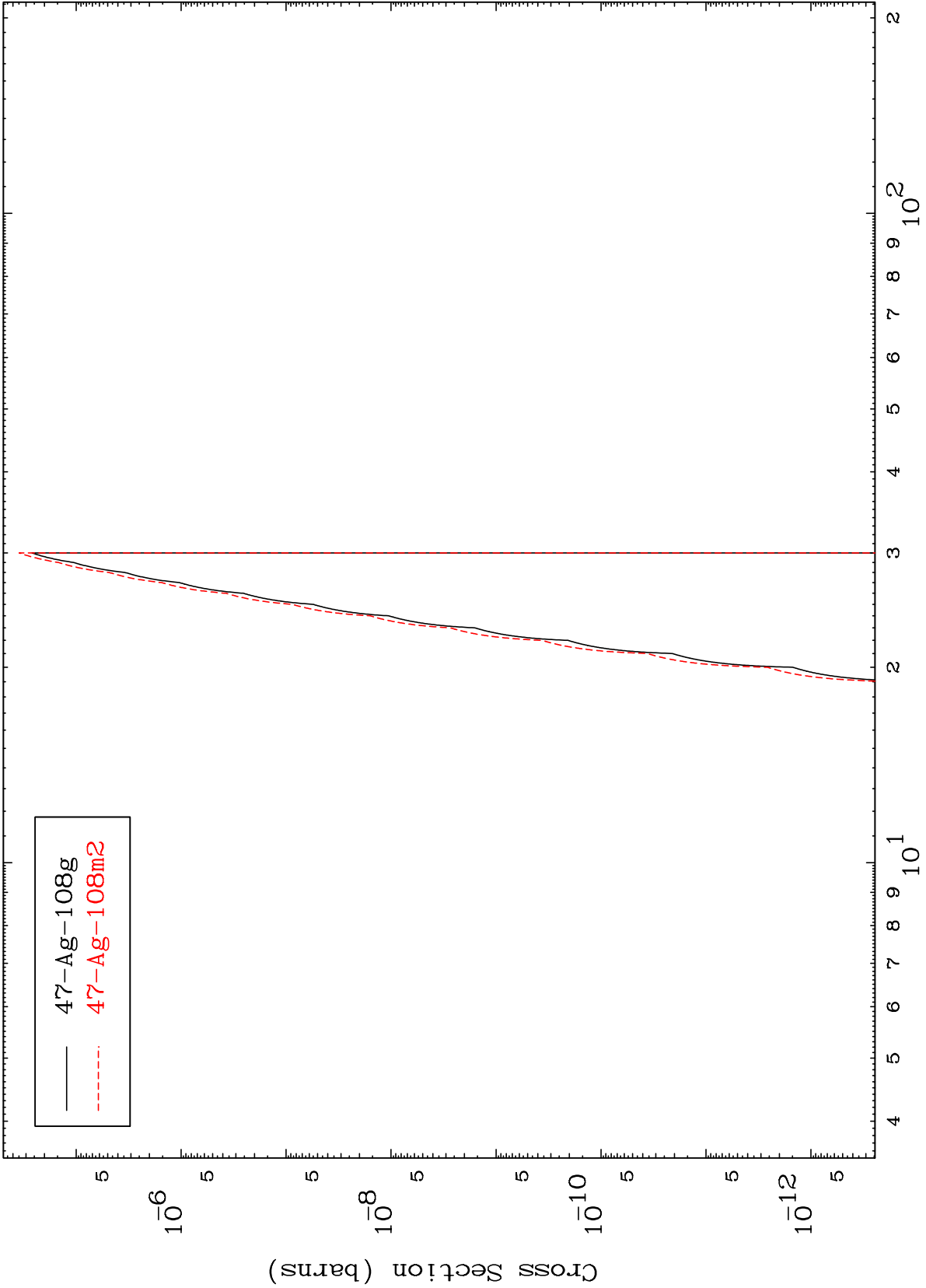


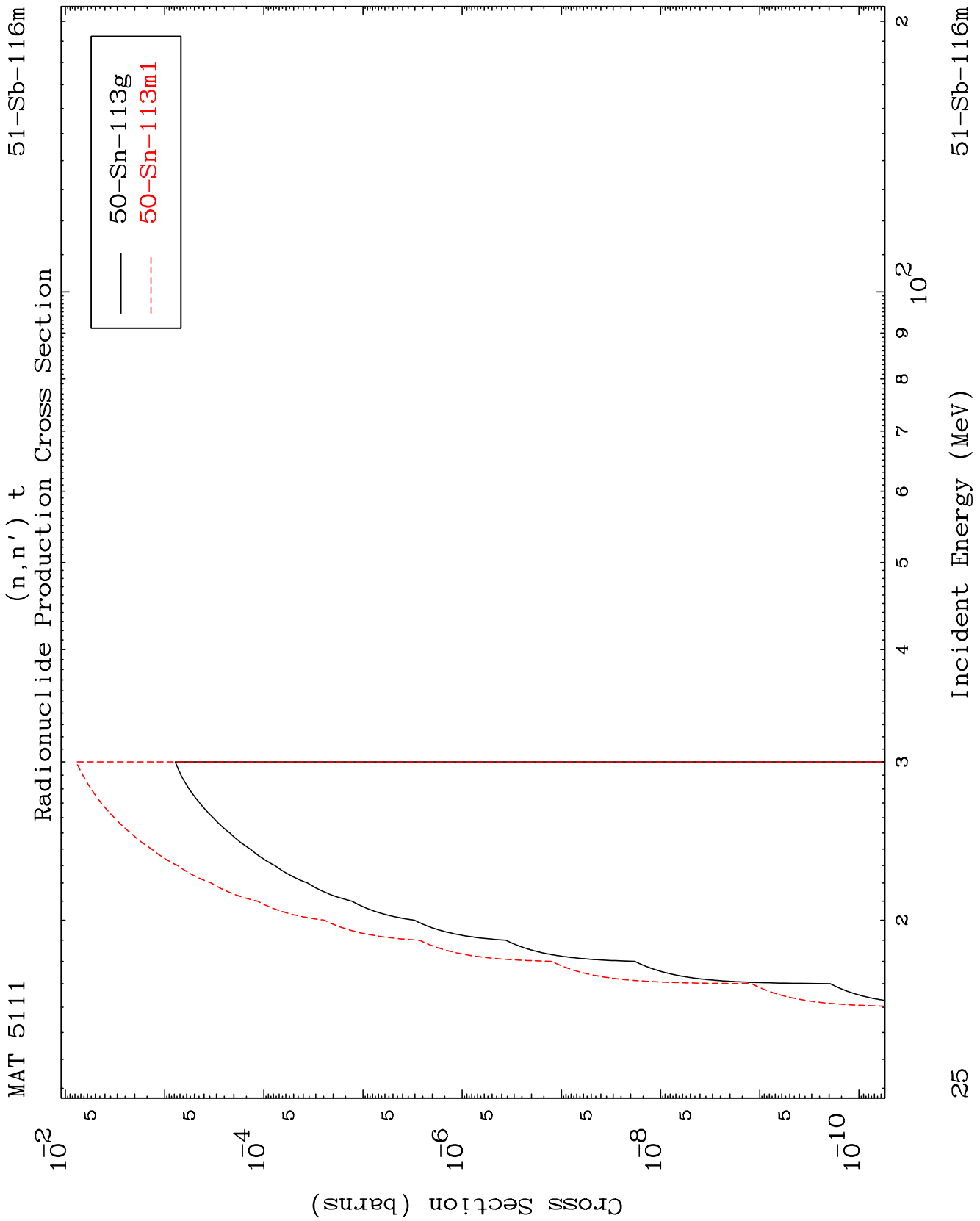
MAT 5111

(n,n') 2α

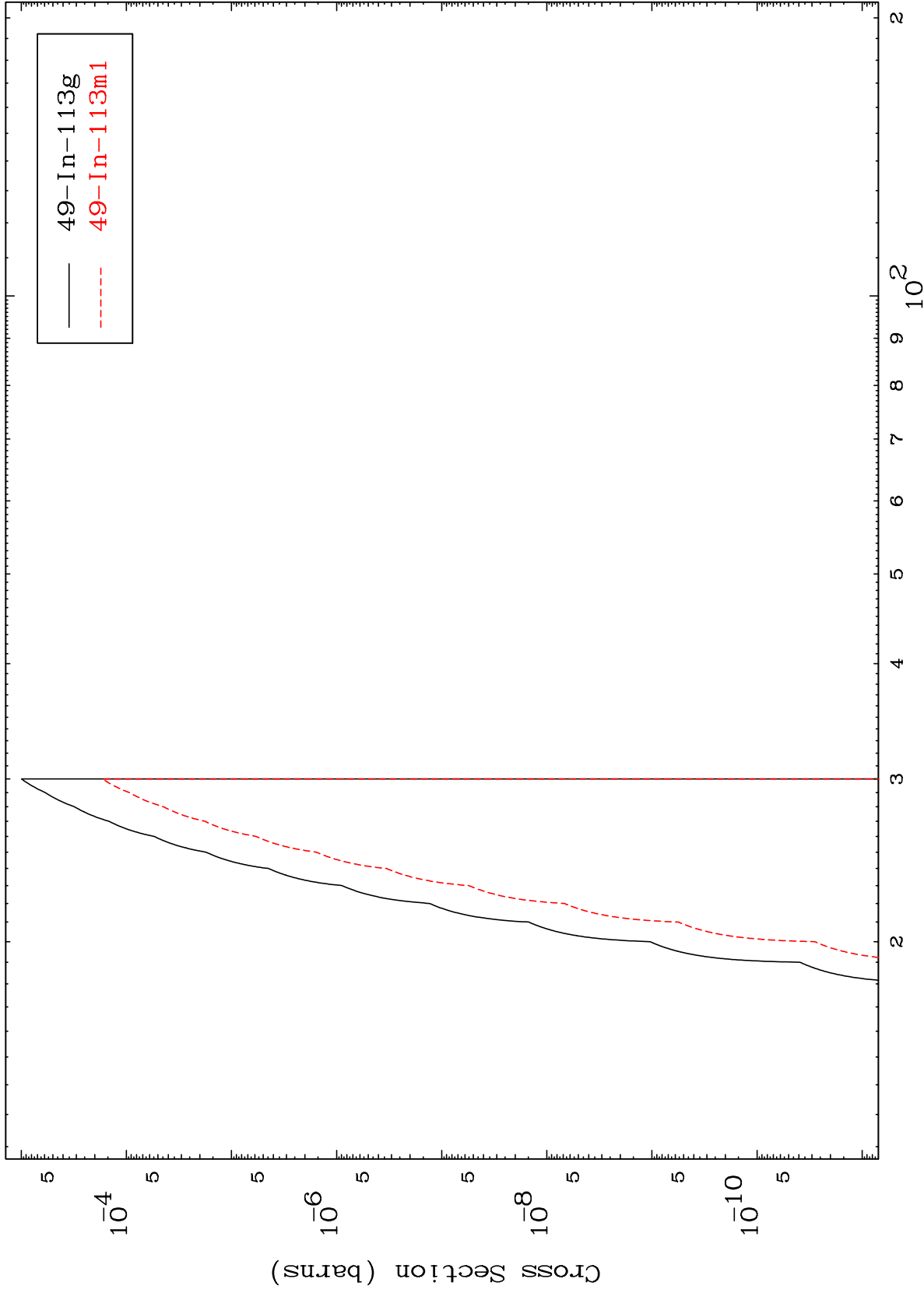
51-Sb-116m

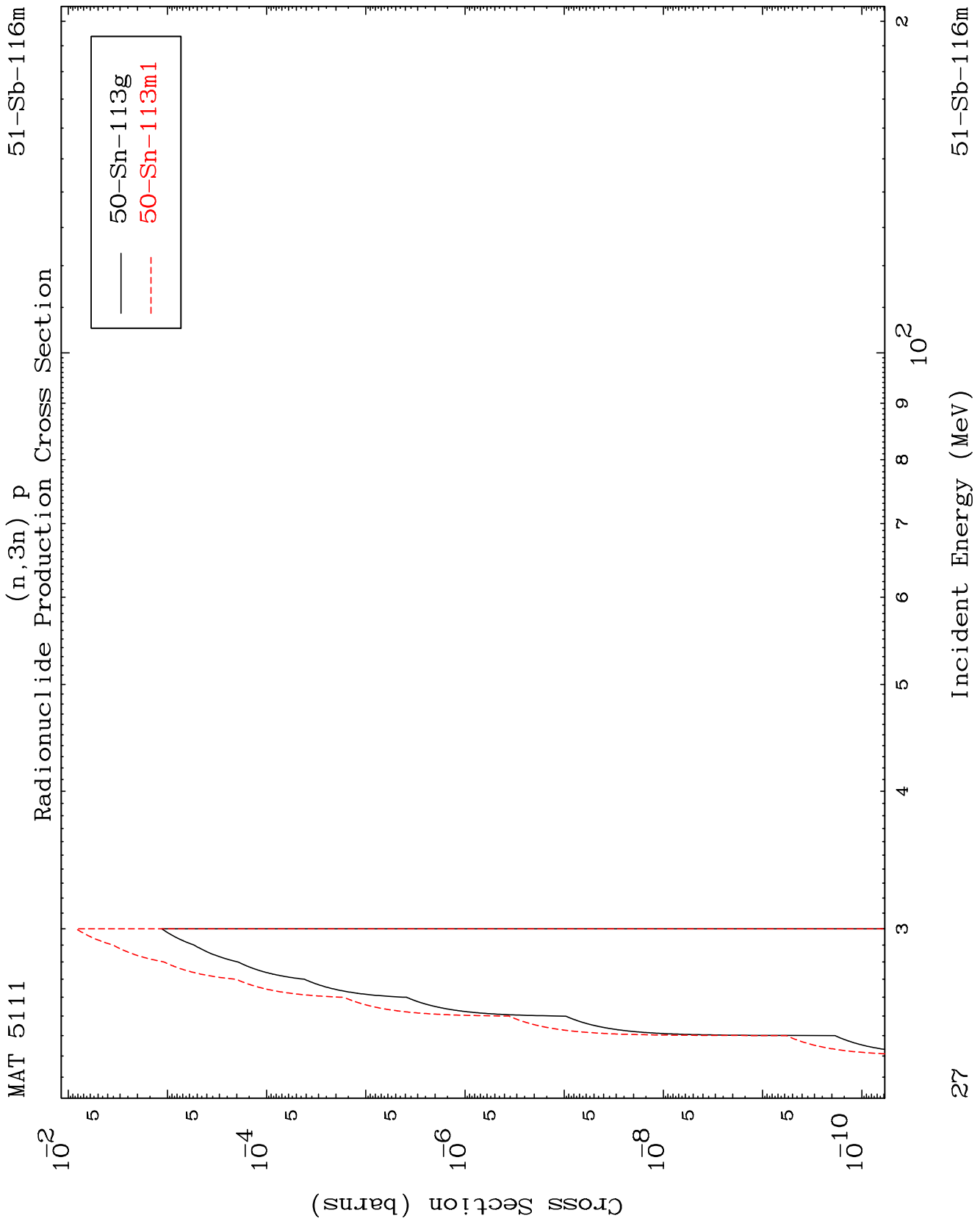
Radionuclide Production Cross Section



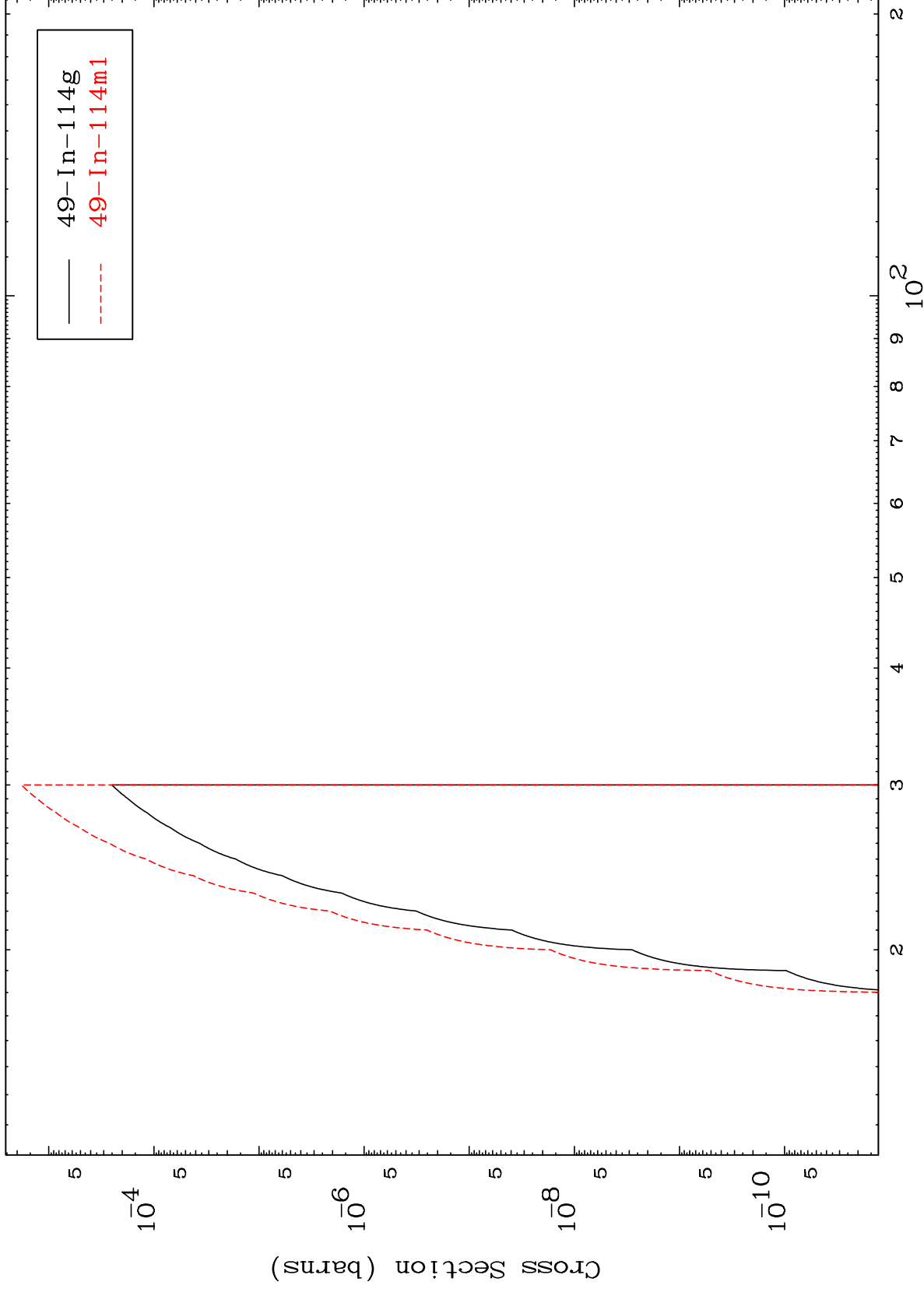


Radionuclide Production Cross Section





Radionuclide Production Cross Section

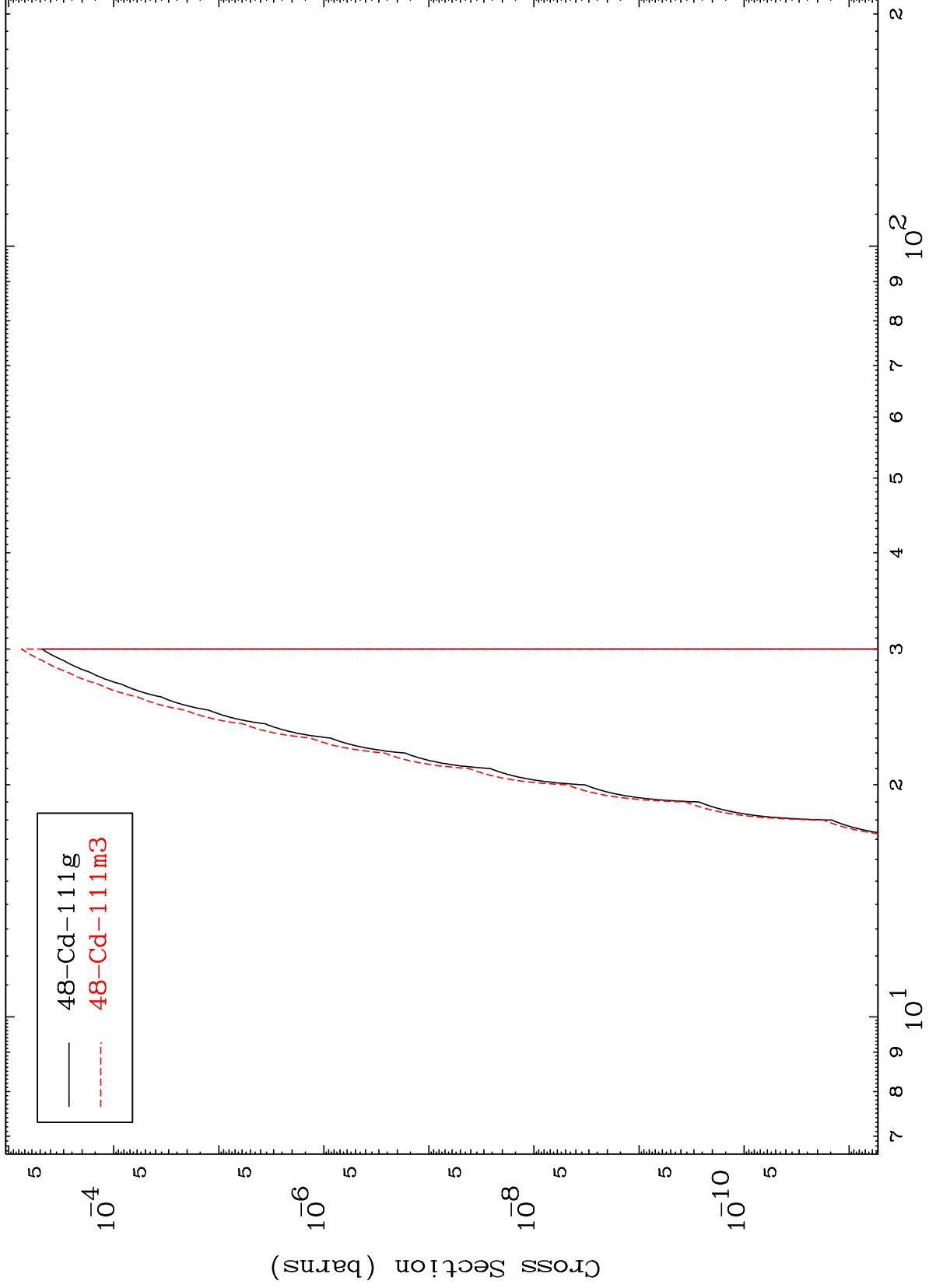


MAT 5111

(n,n') p  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

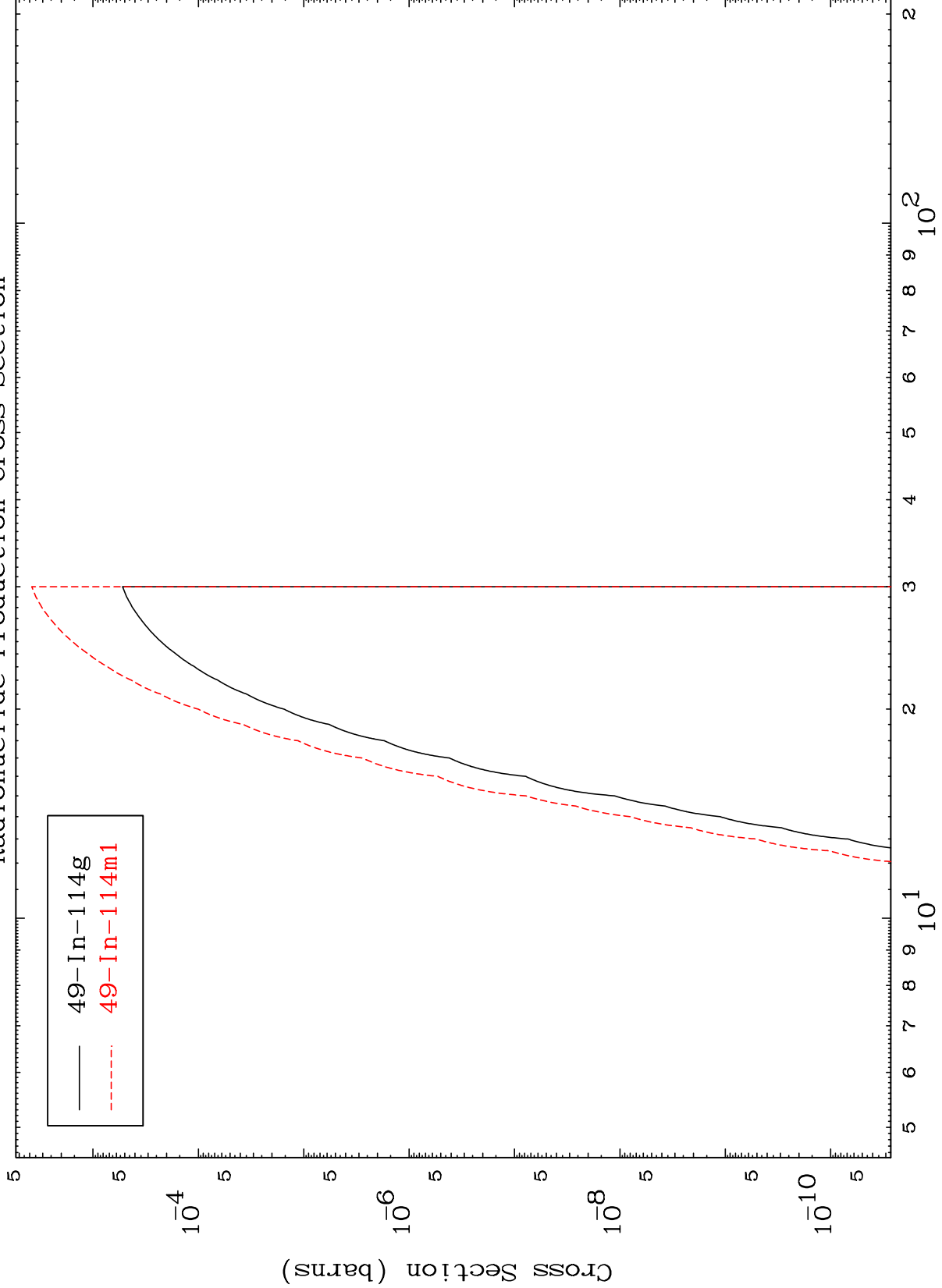
51-Sb-116m

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(n,He-3)

51-Sb-116m

Radionuclide Production Cross Section

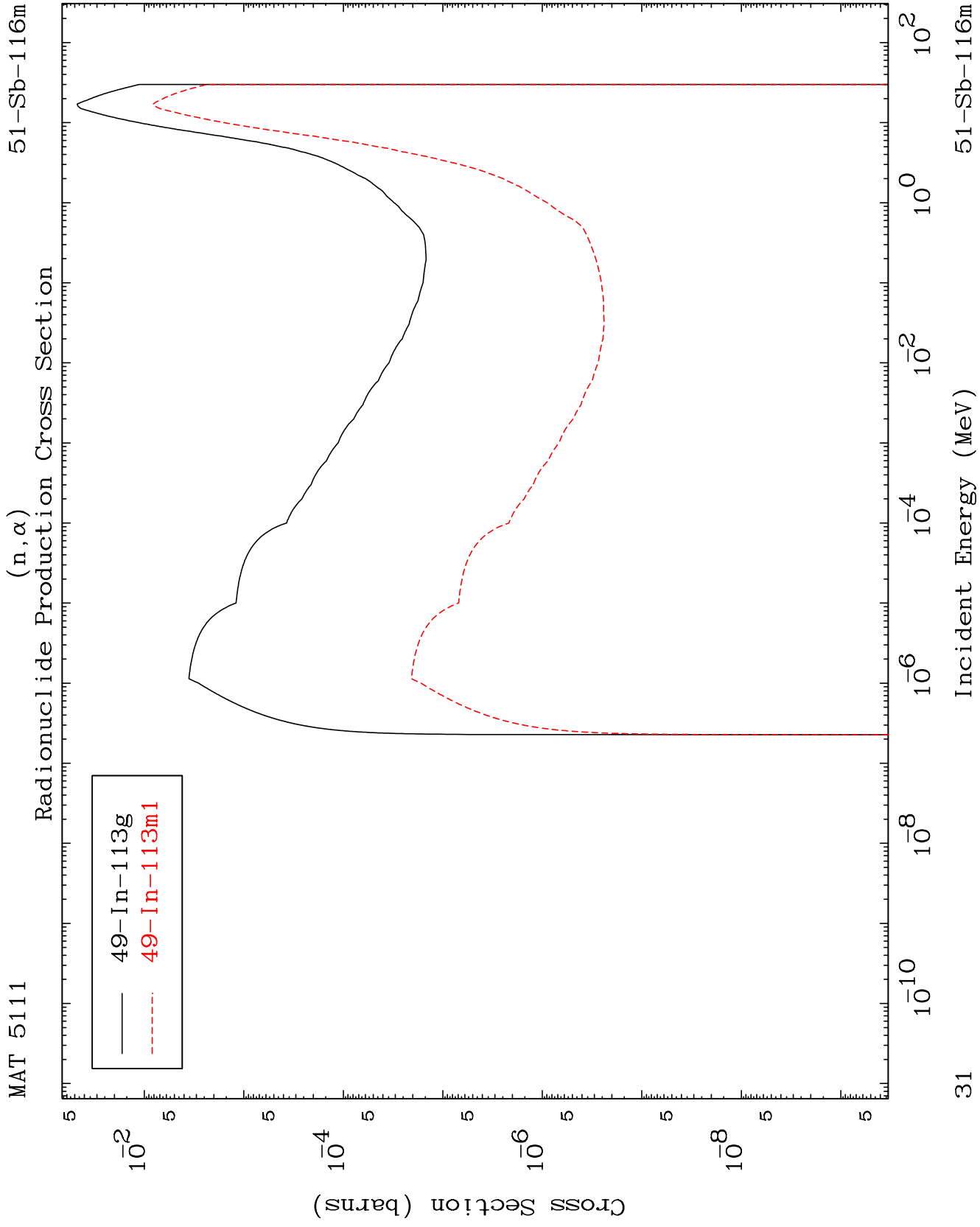


30

Incident Energy (MeV)

51-Sb-116m

MAT 5111



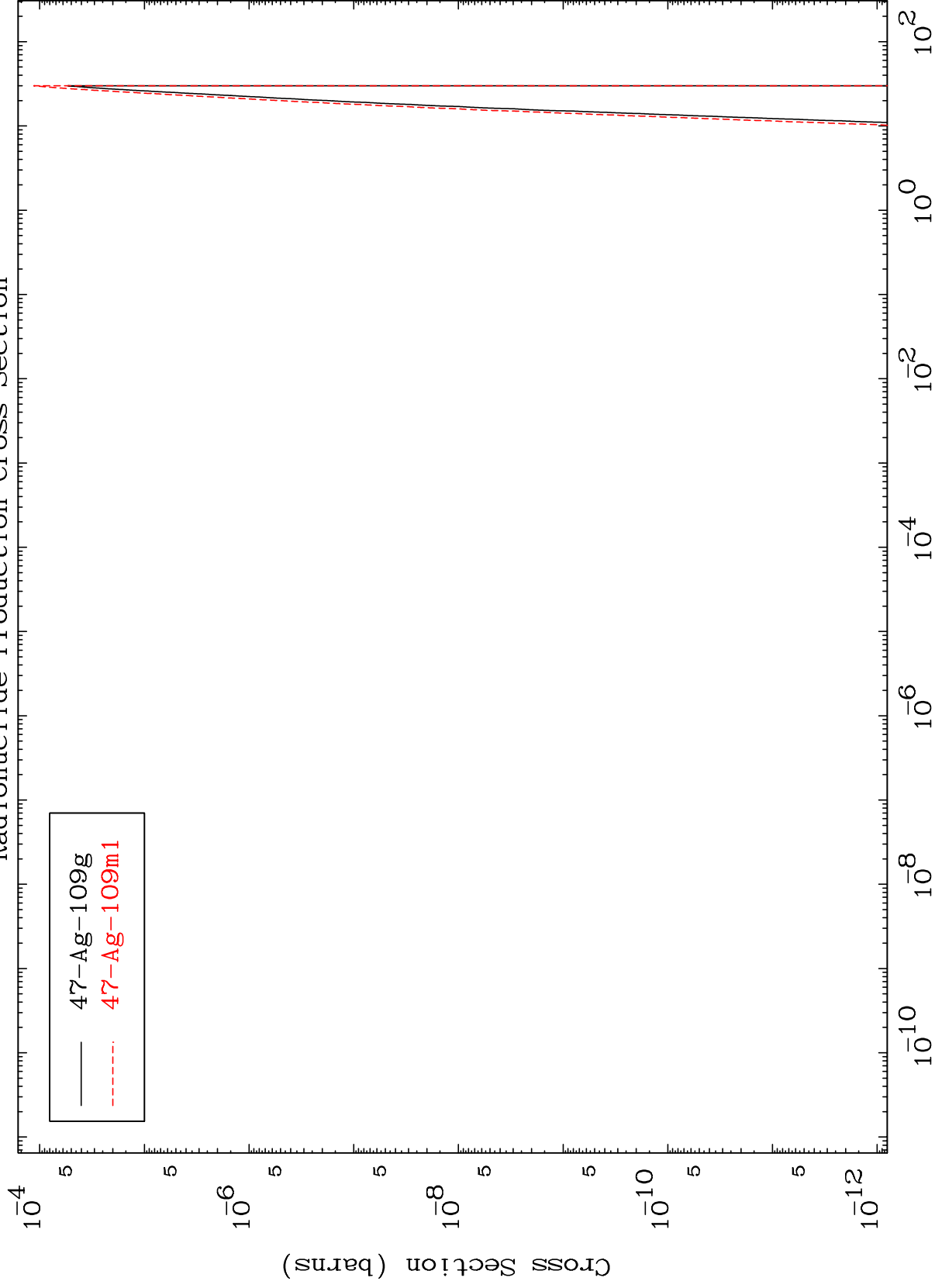


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(n,2α)

51-Sb-116m

Radionuclide Production Cross Section



32

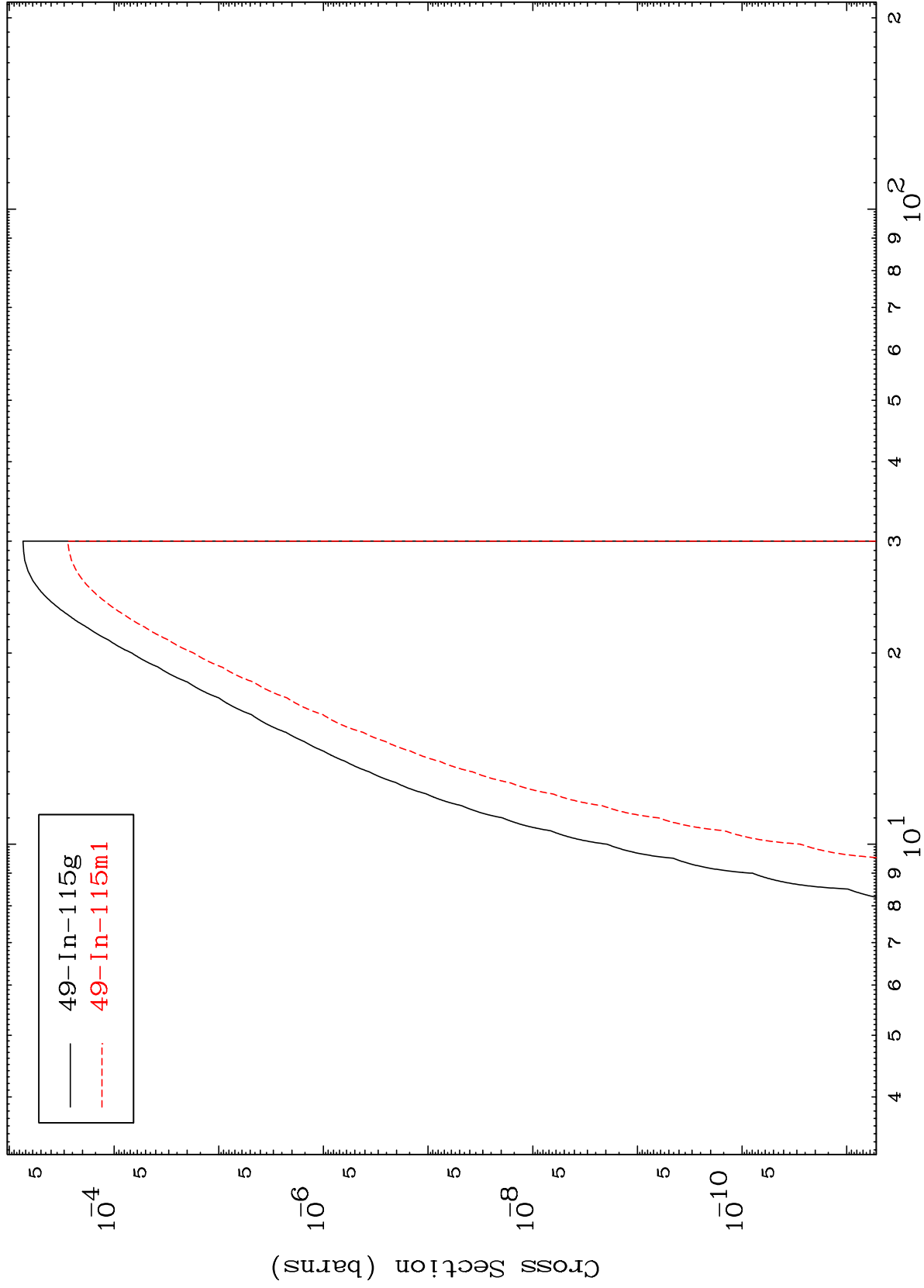
Incident Energy (MeV)

51-Sb-116m

MAT 5111

51-Sb-116m

(n,2p)  
Radionuclide Production Cross Section



33

51-Sb-116m

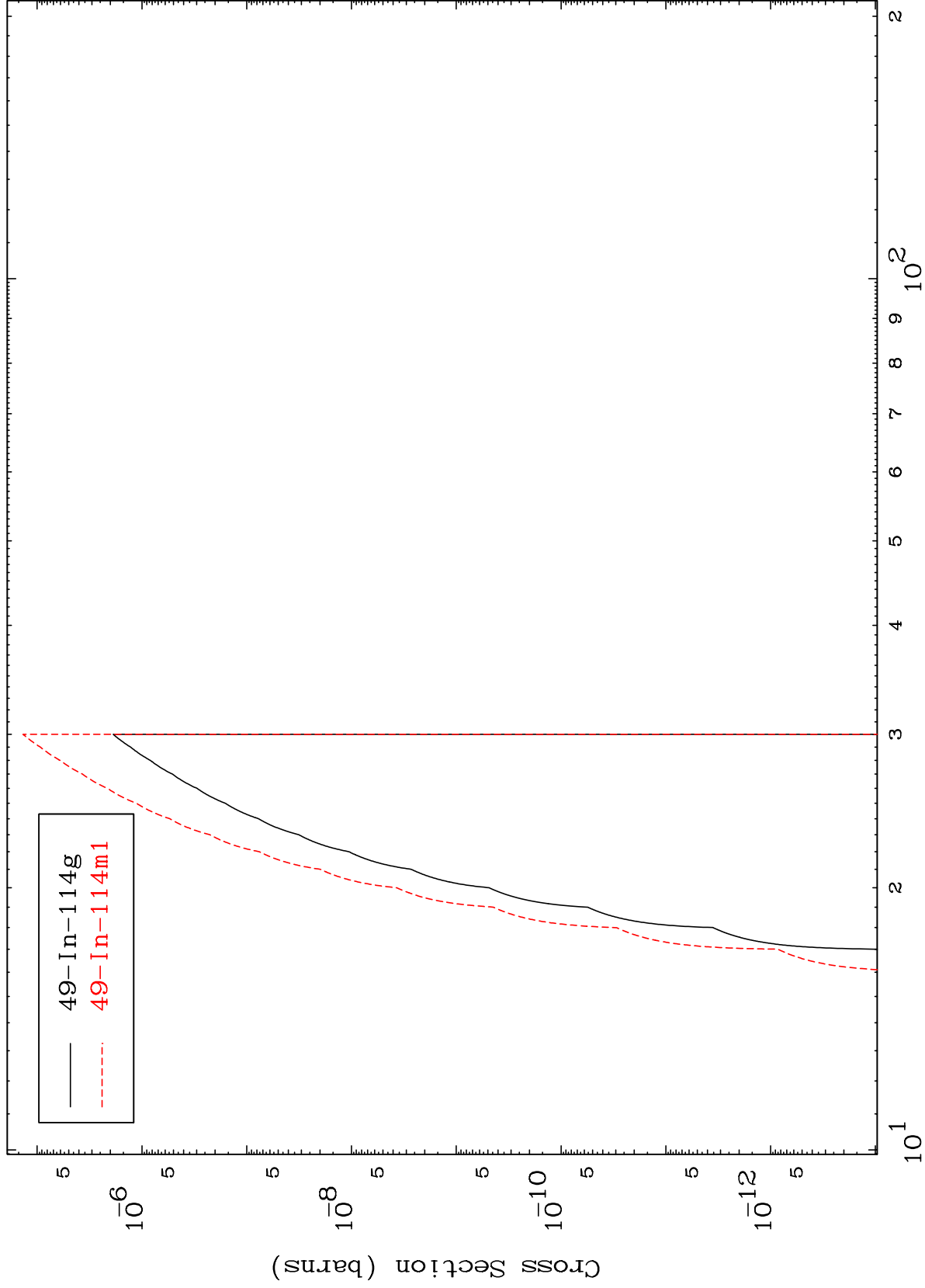
Incident Energy (MeV)

MAT 5111

(n,p) d

51-Sb-116m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-116m

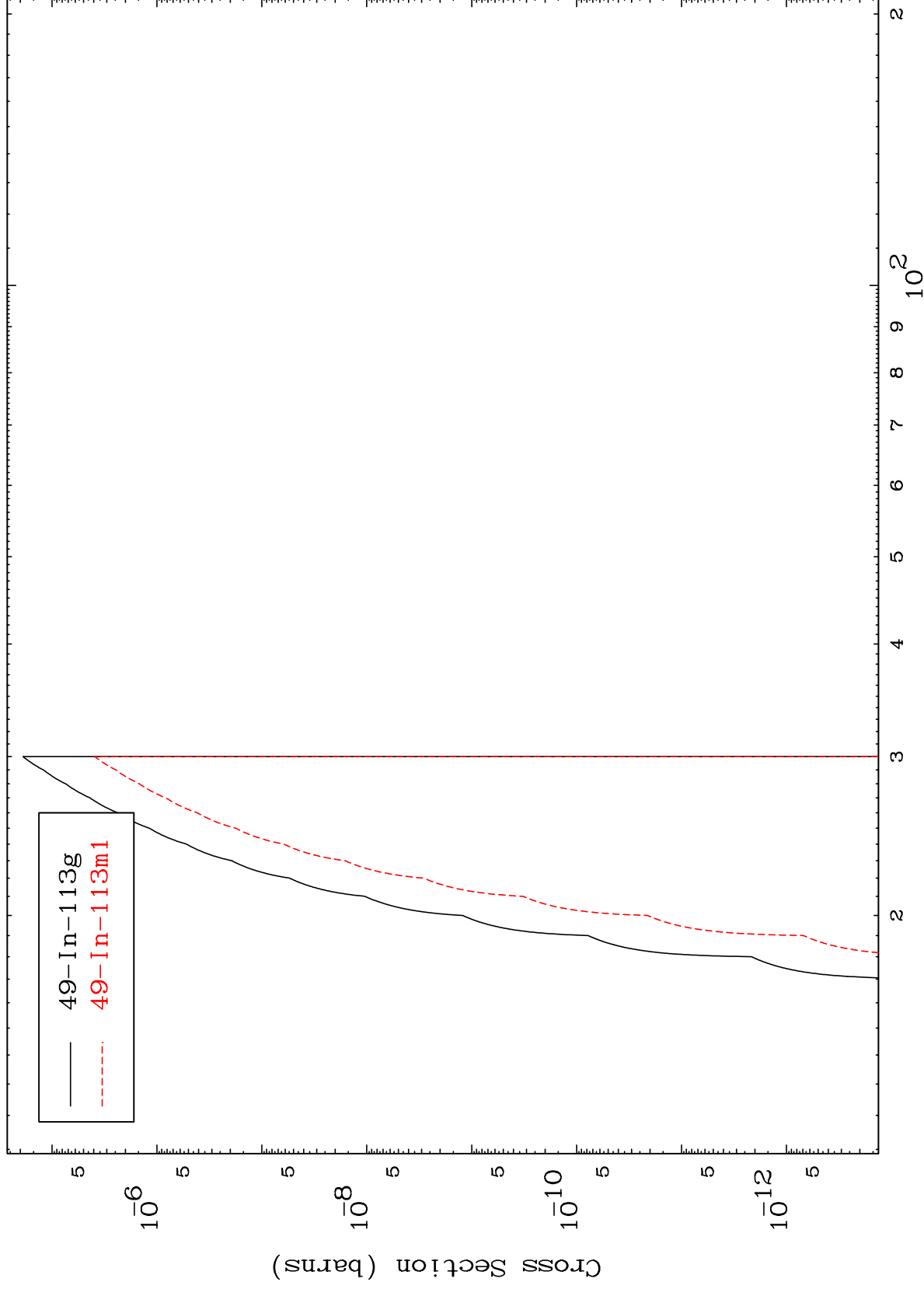
34

MAT 5111

(n,p) t

51-Sb-116m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

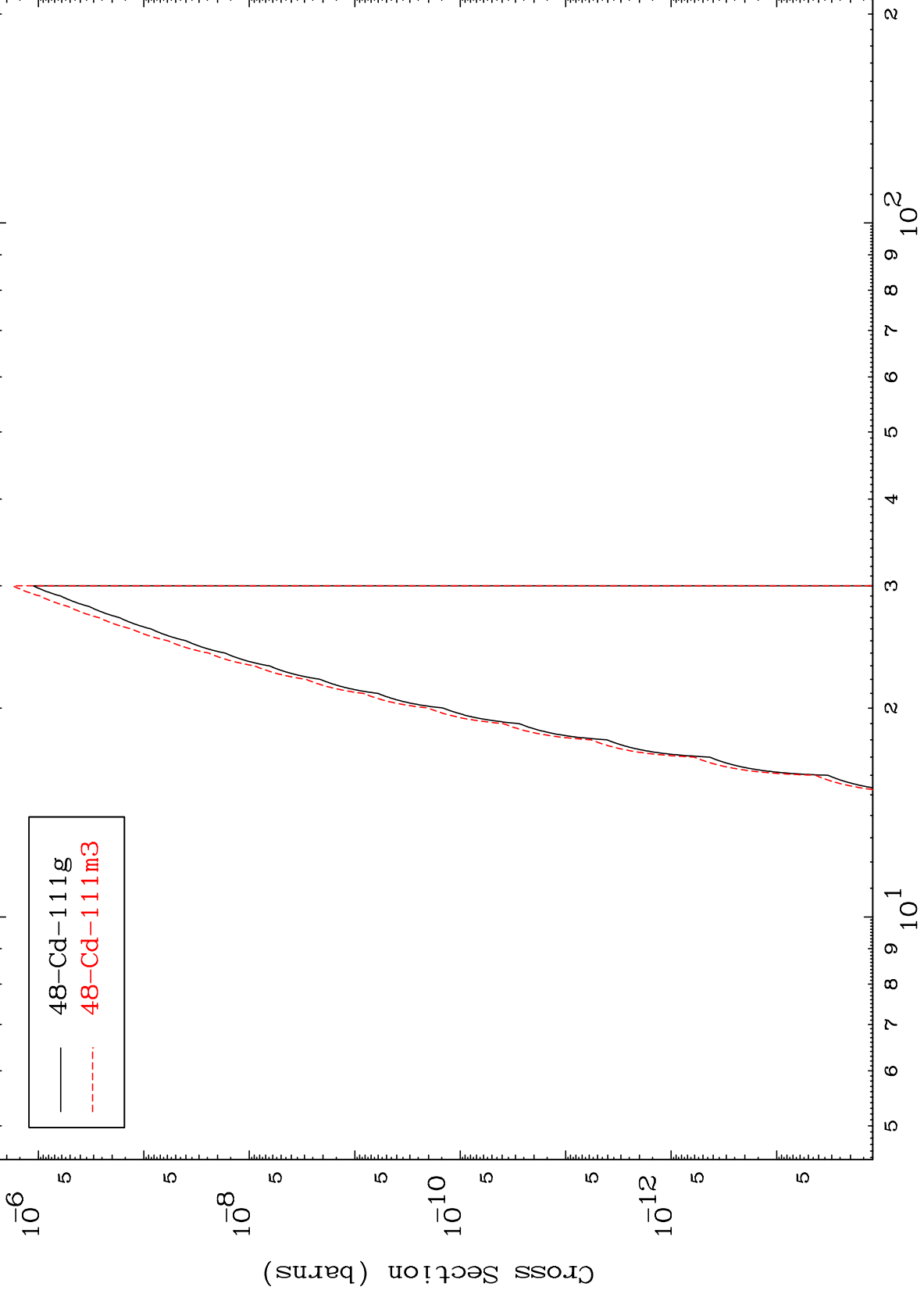
51-Sb-116m

MAT 5111

(n,d)  $\alpha$

51-Sb-116m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

51-Sb-116m