

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

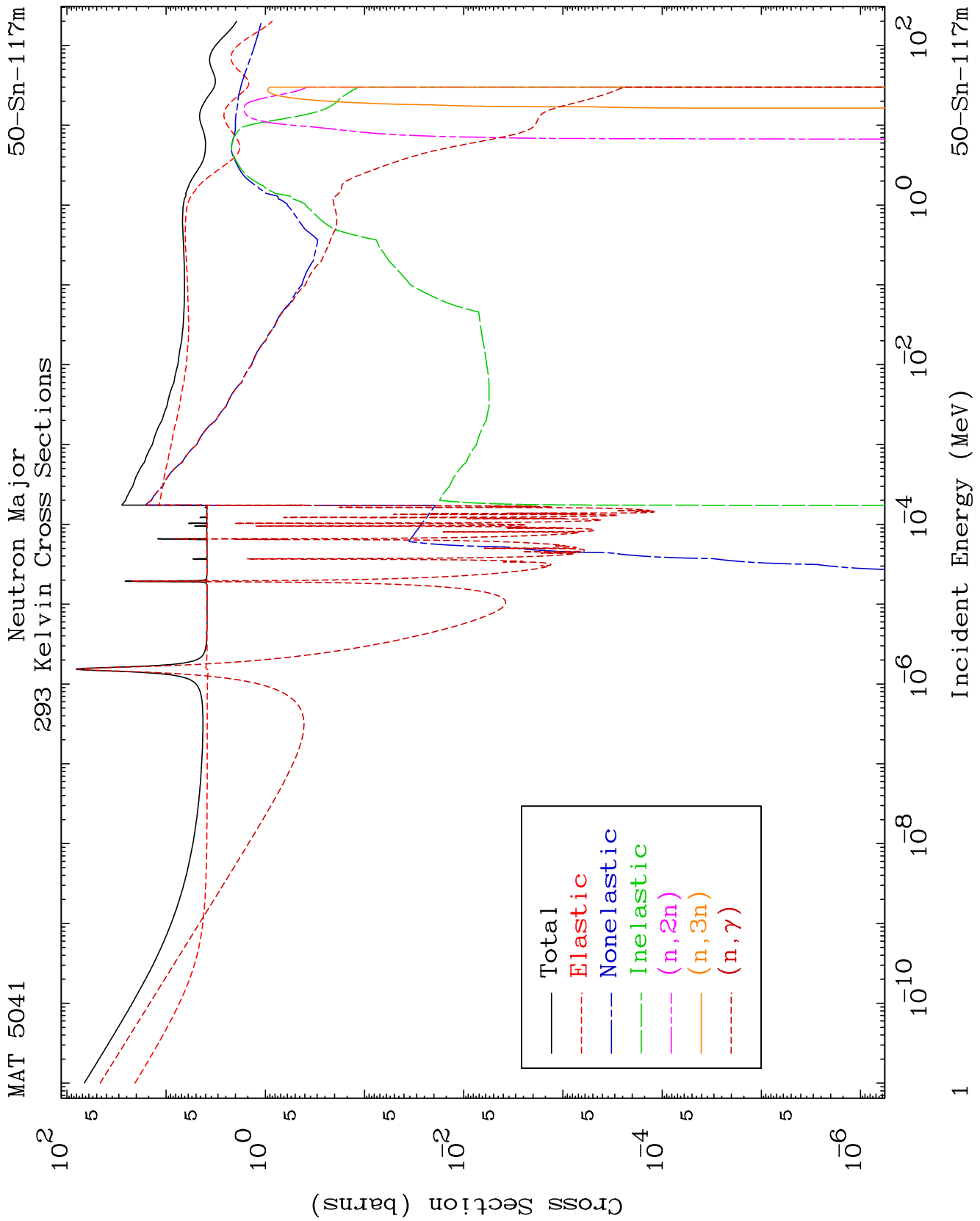
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

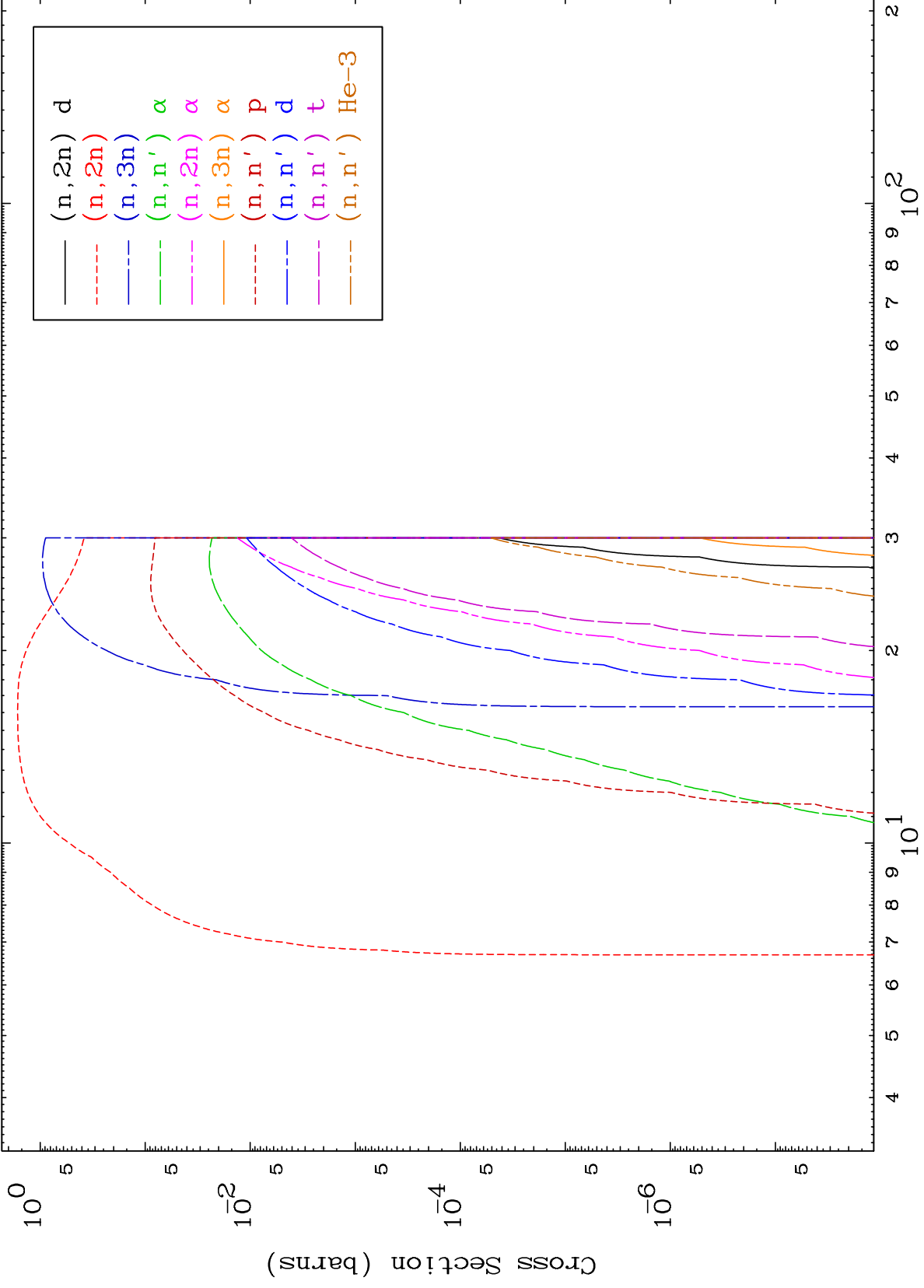
Press Mouse Button to Start

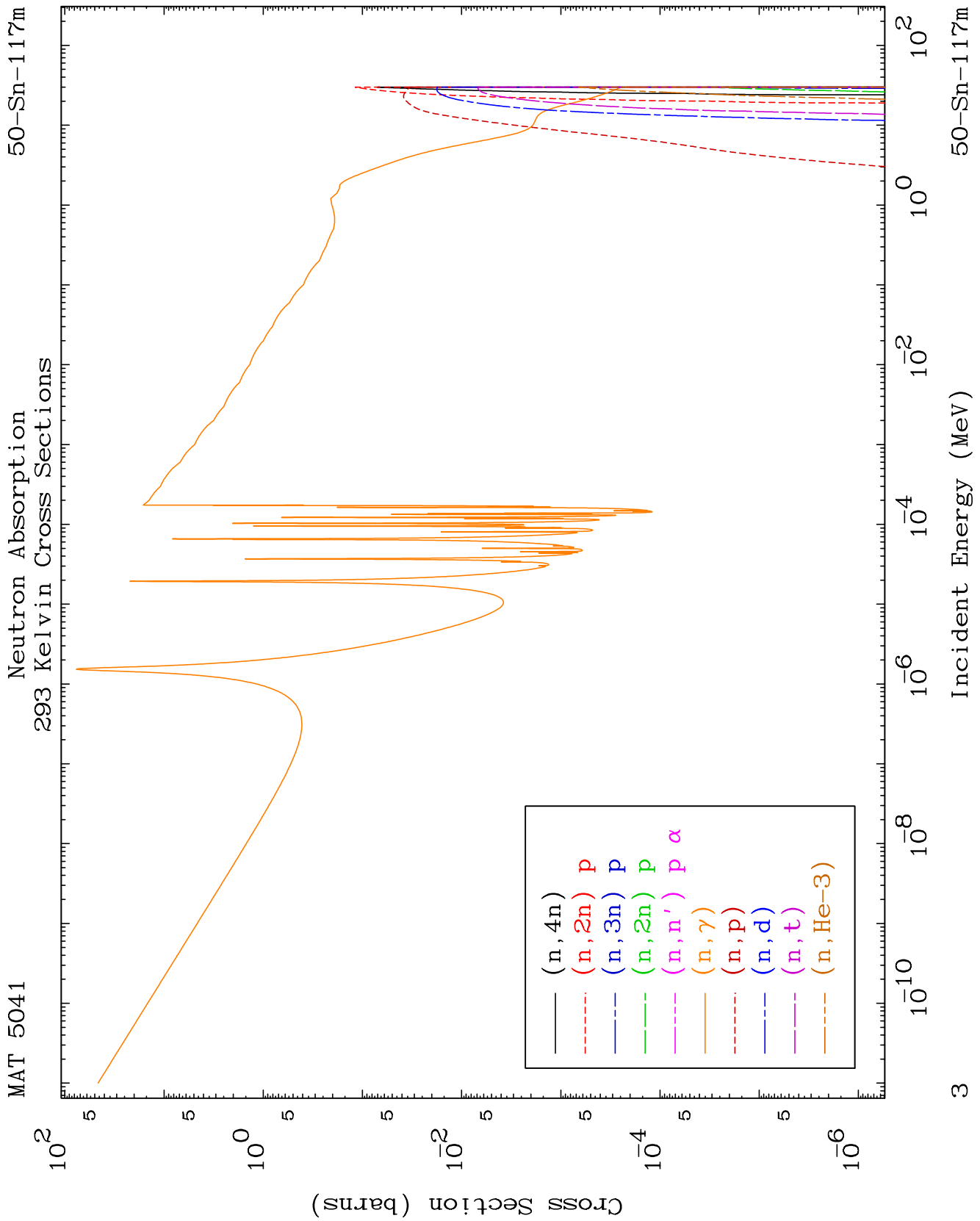


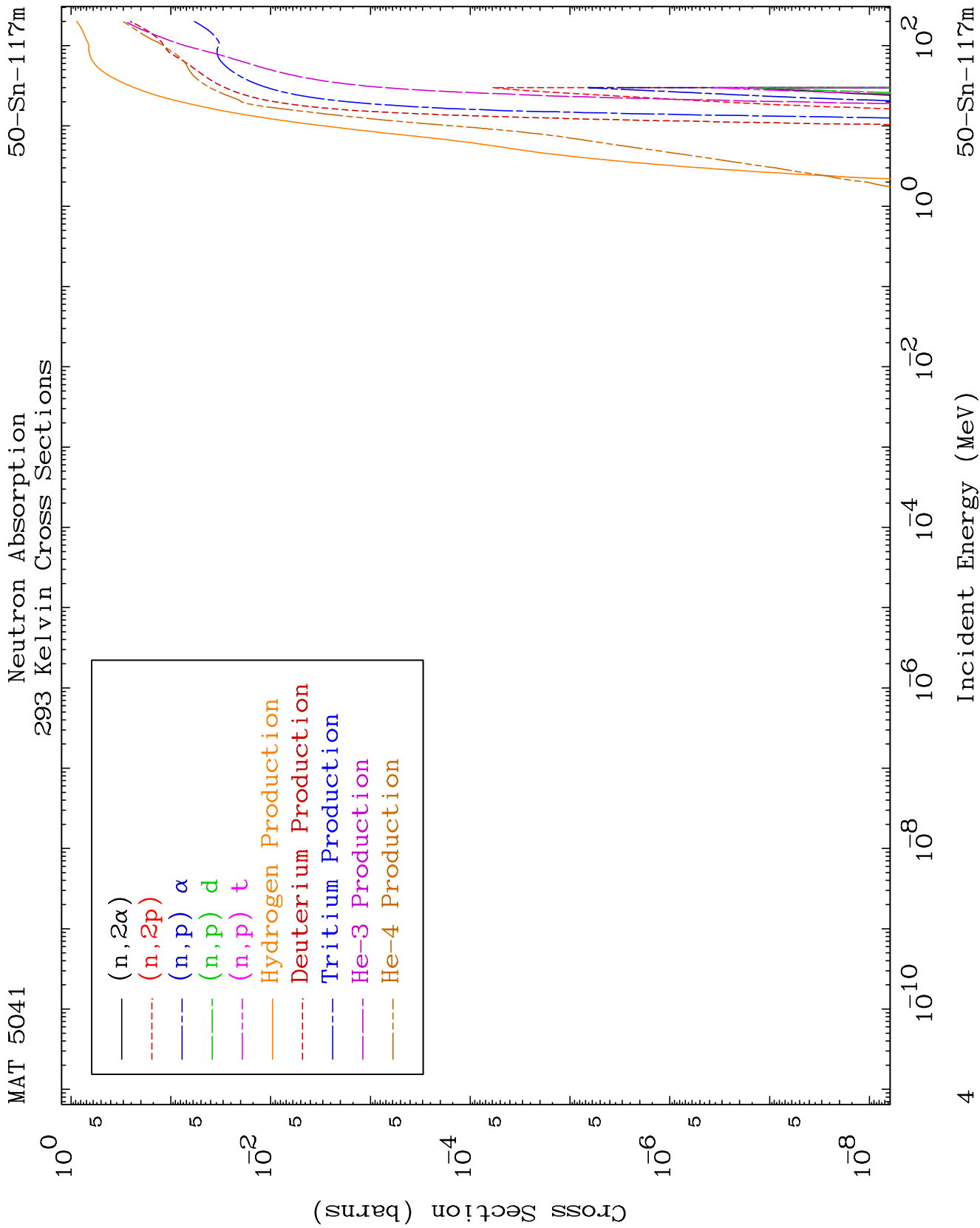
MAT 5041

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-117m



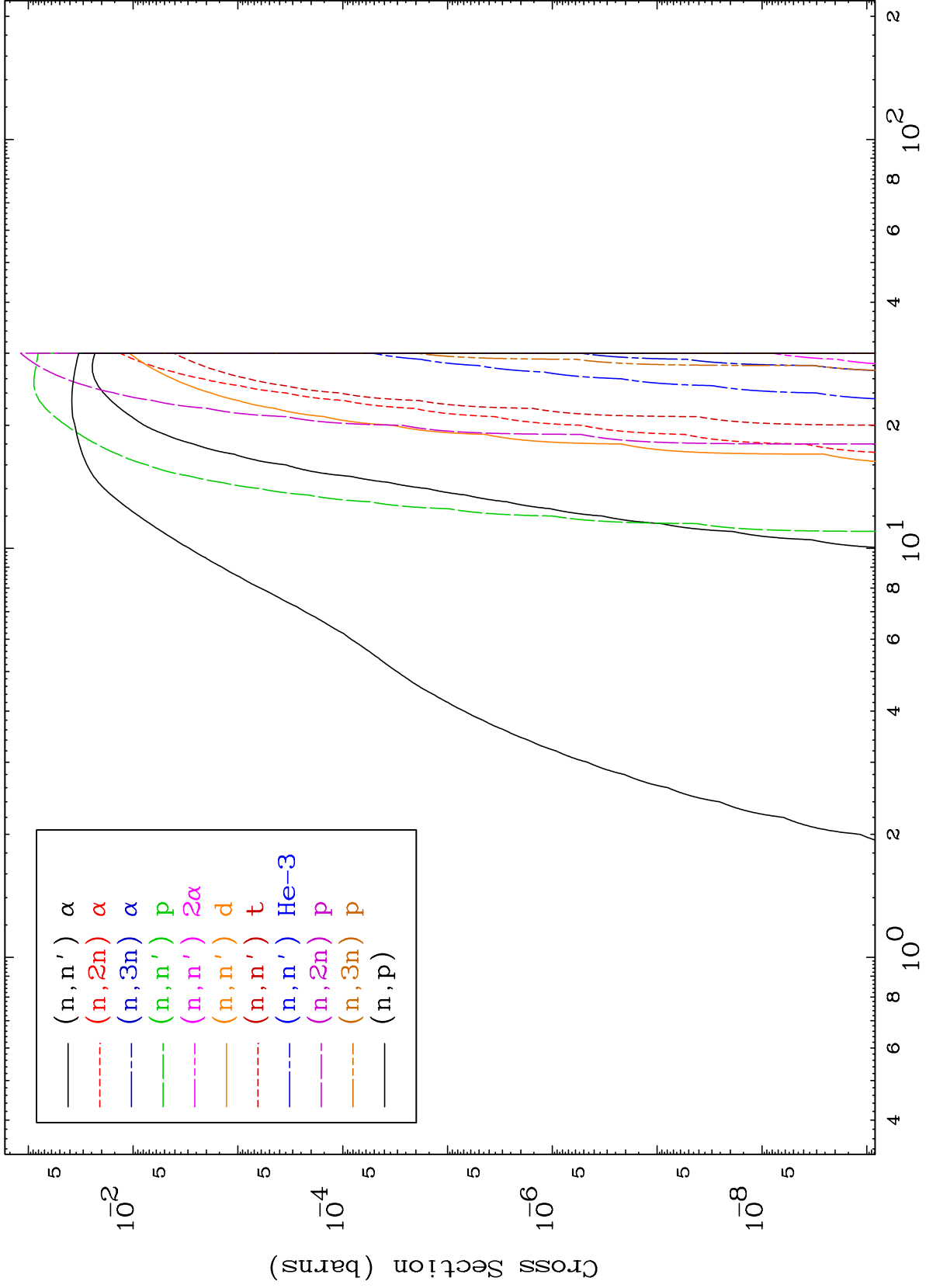




MAT 5041

Charged Particle  
293 Kelvin Cross Sections

50-Sn-117m



5

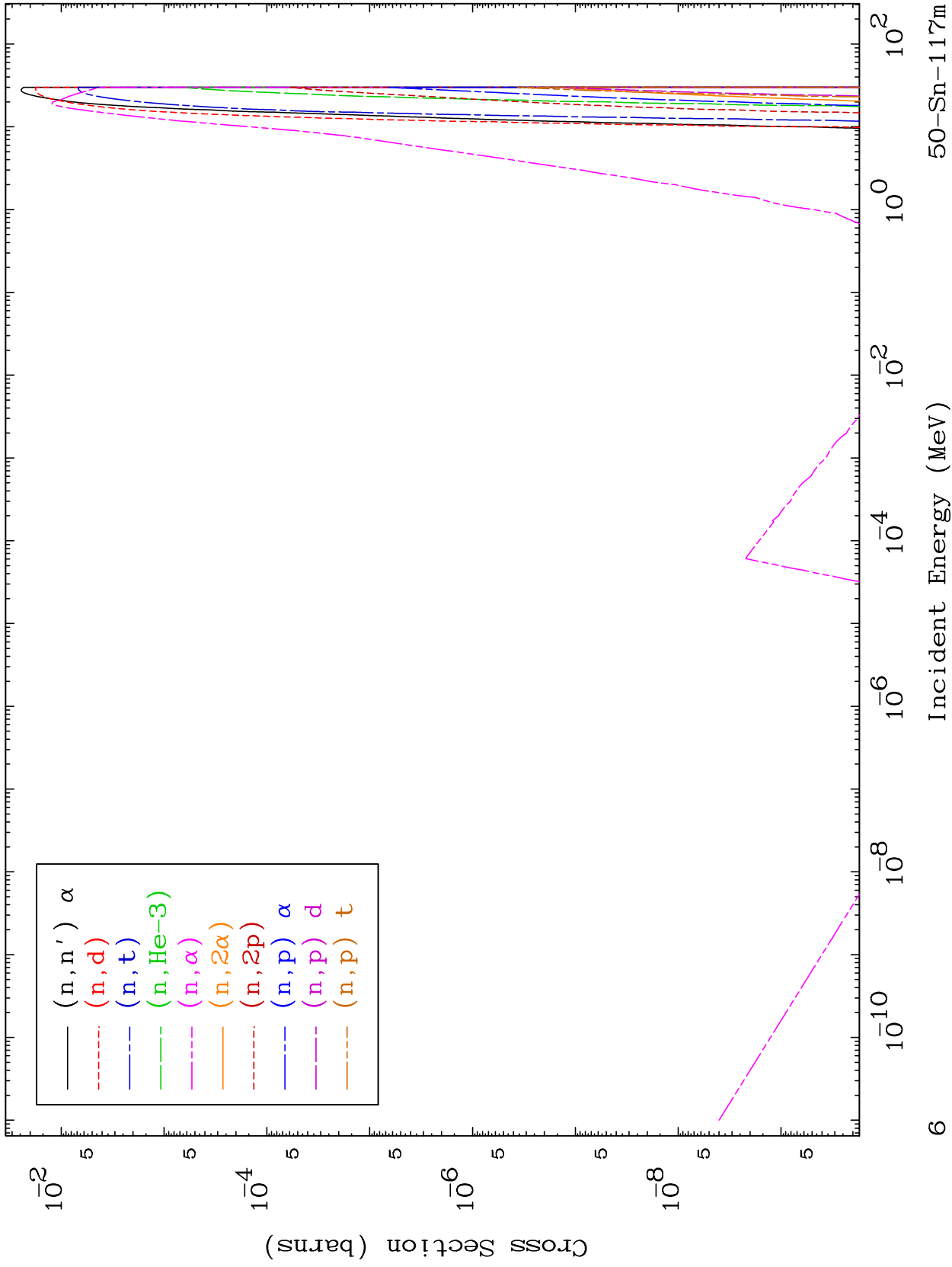
Incident Energy (MeV)

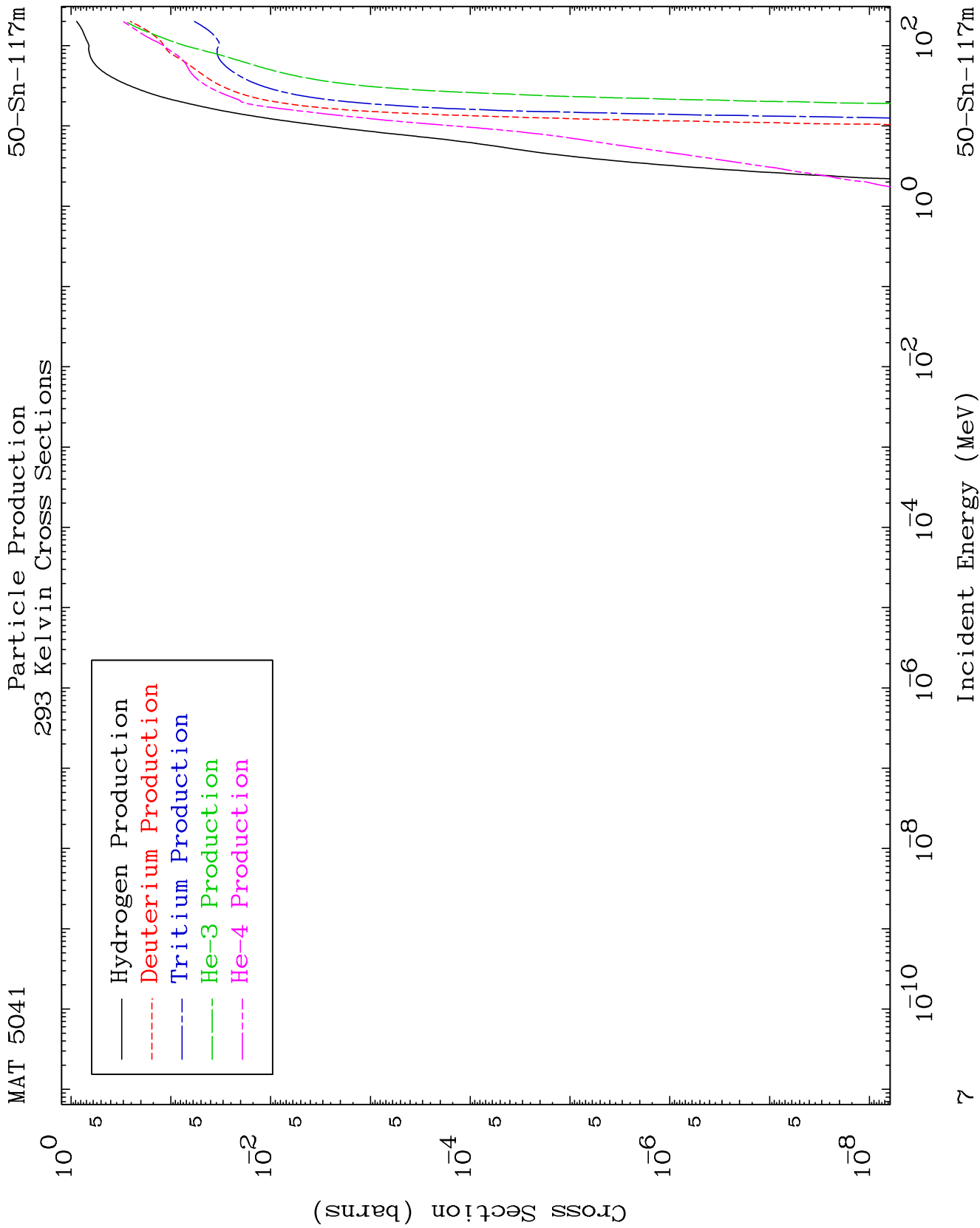
50-Sn-117m

MAT 5041

Charged Particle  
293 Kelvin Cross Sections

50-Sn-117m



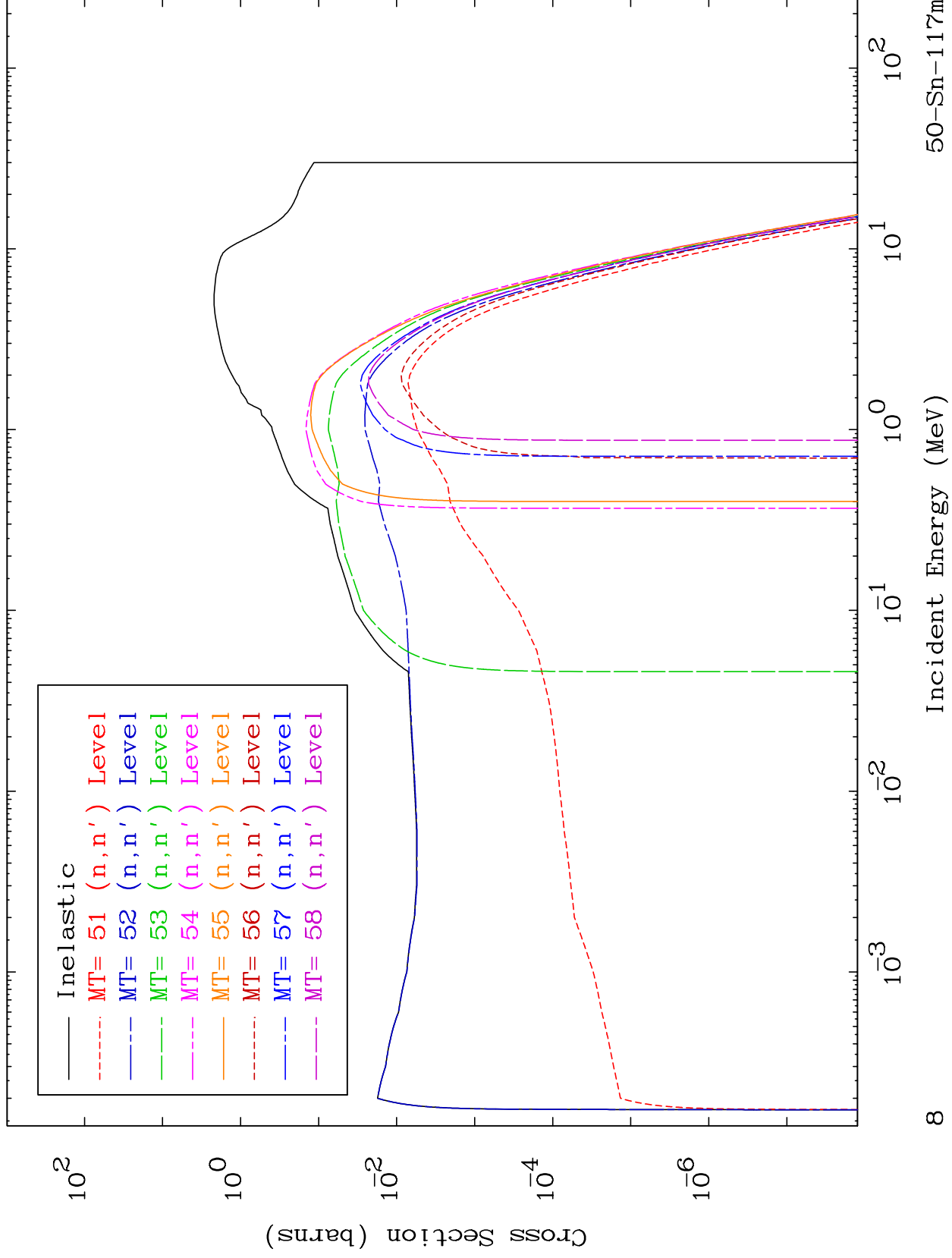




MAT 5041

(n,n') Levels  
293 Kelvin Cross Sections

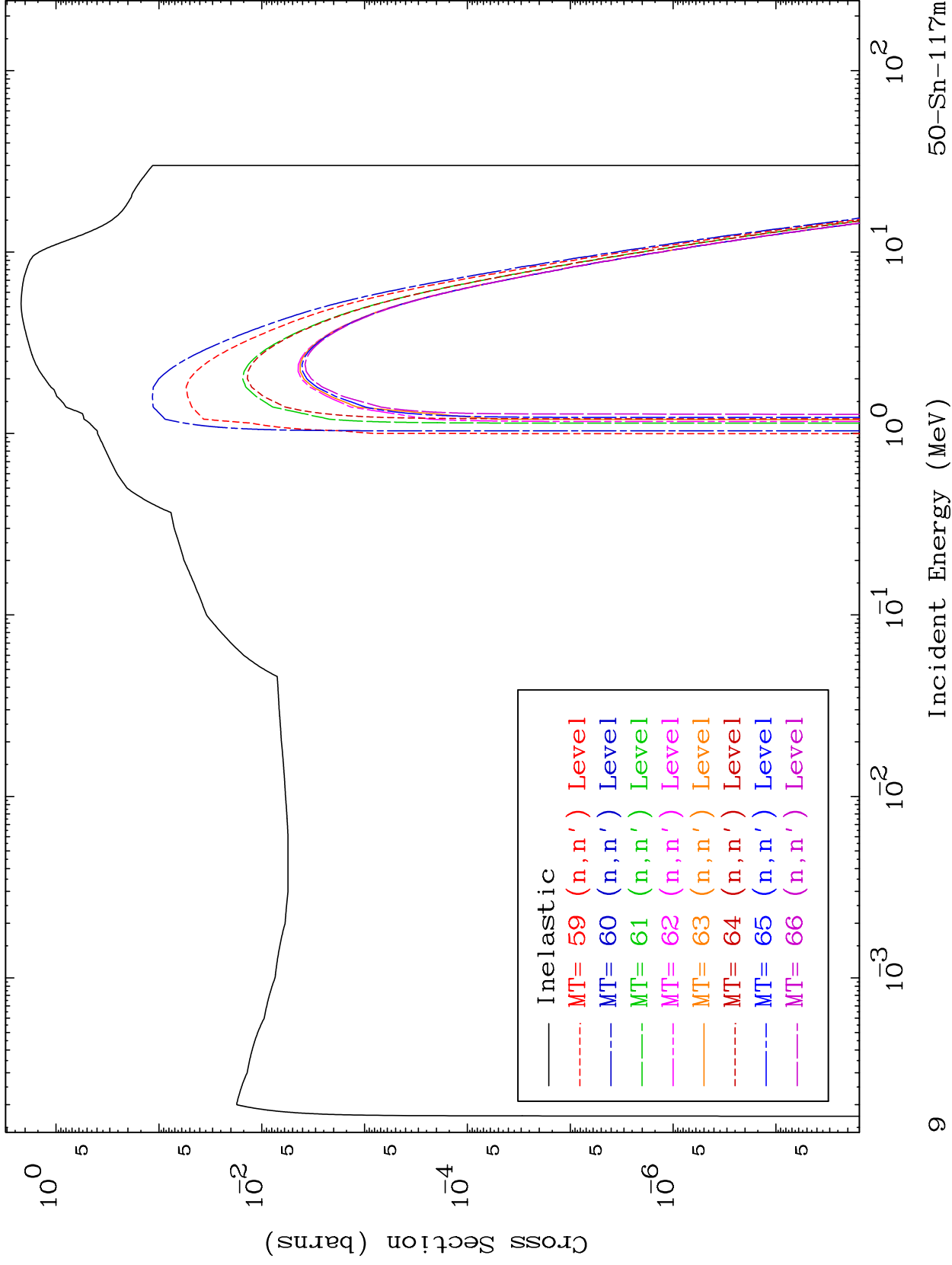
50-Sn-117m



MAT 5041

(n,n') Levels  
293 Kelvin Cross Sections

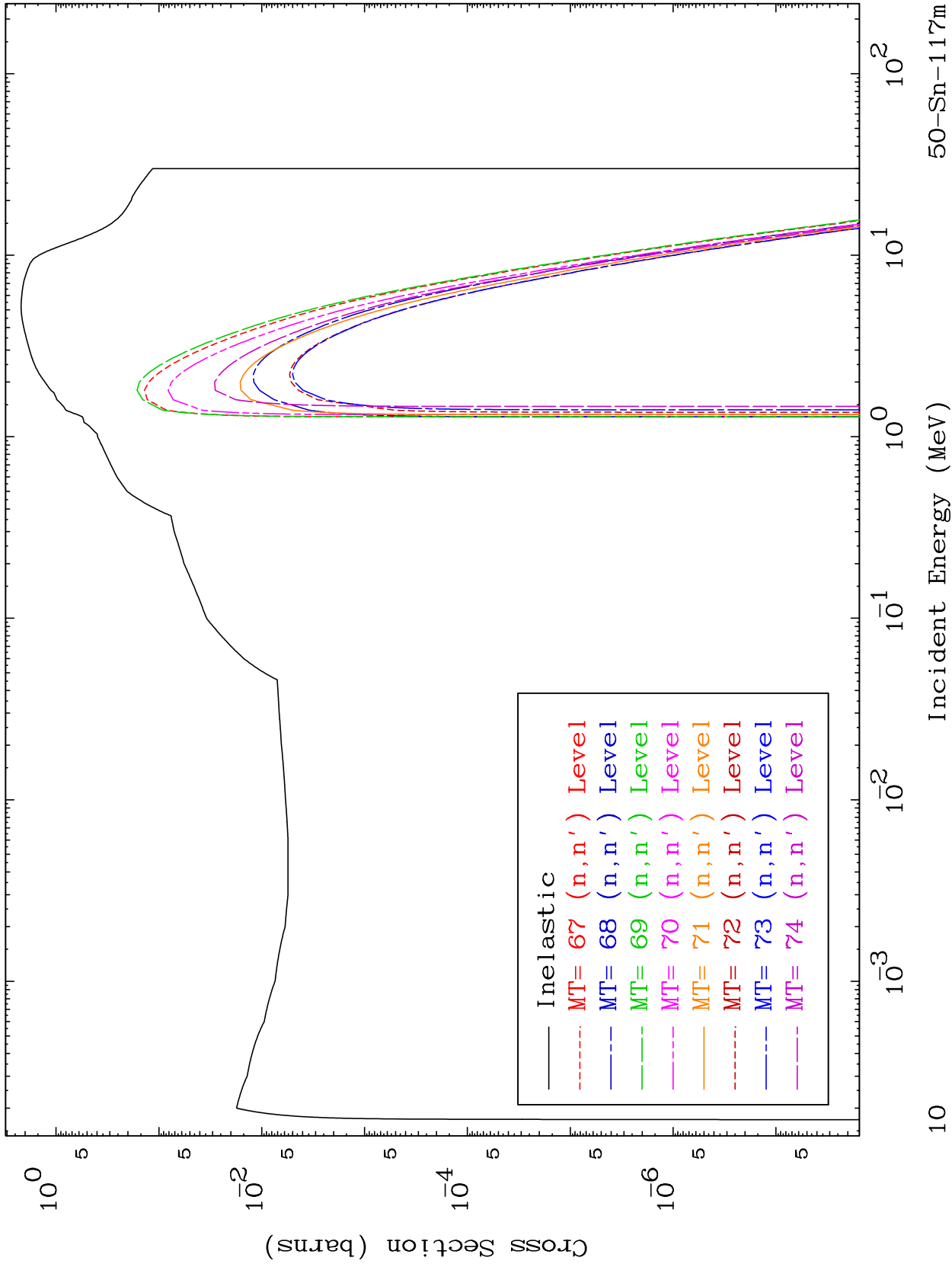
50-Sn-117m



MAT 5041

(n,n') Levels  
293 Kelvin Cross Sections

50-Sn-117m

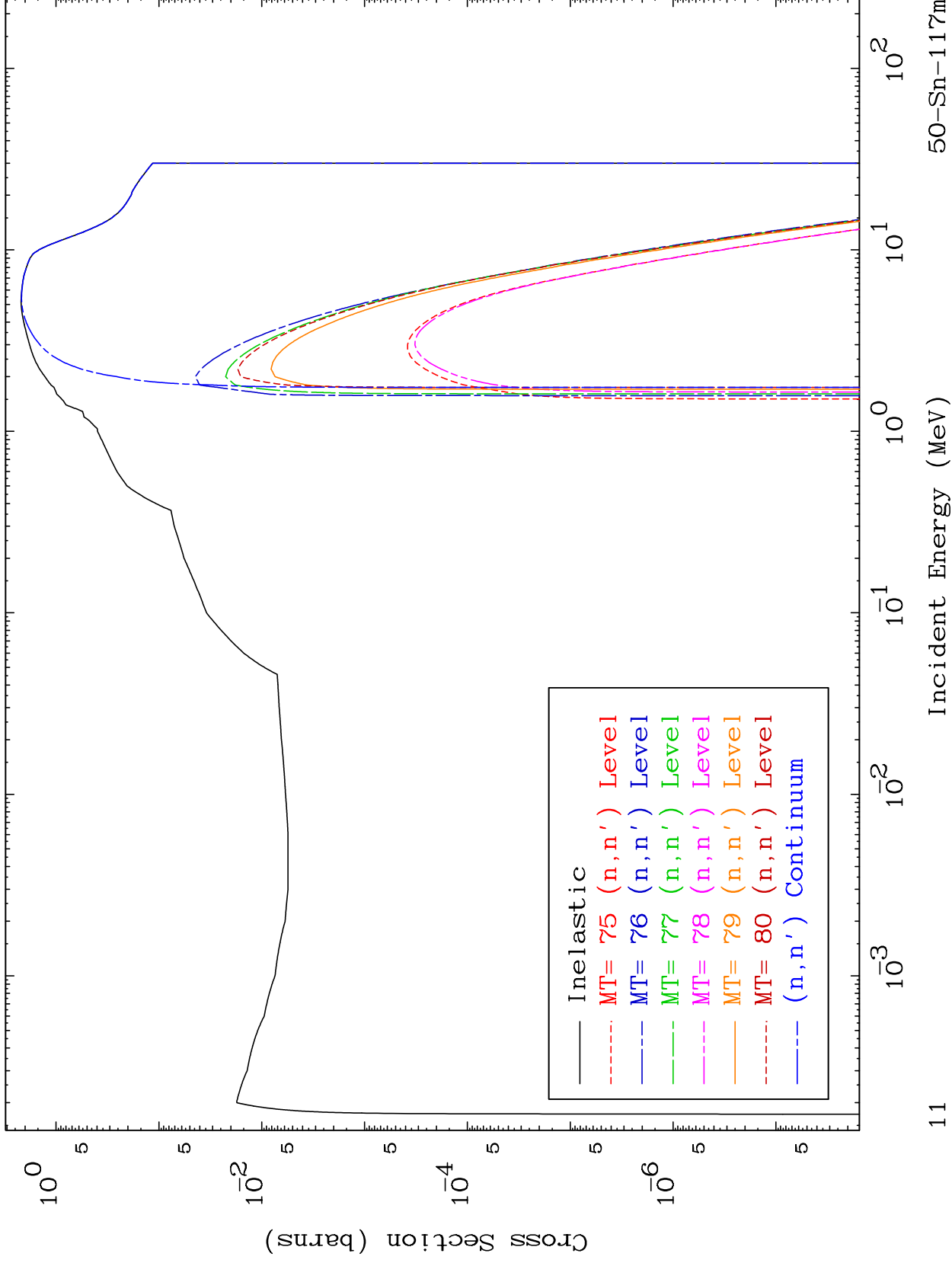


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MAT 5041

(n,n') Levels  
293 Kelvin Cross Sections

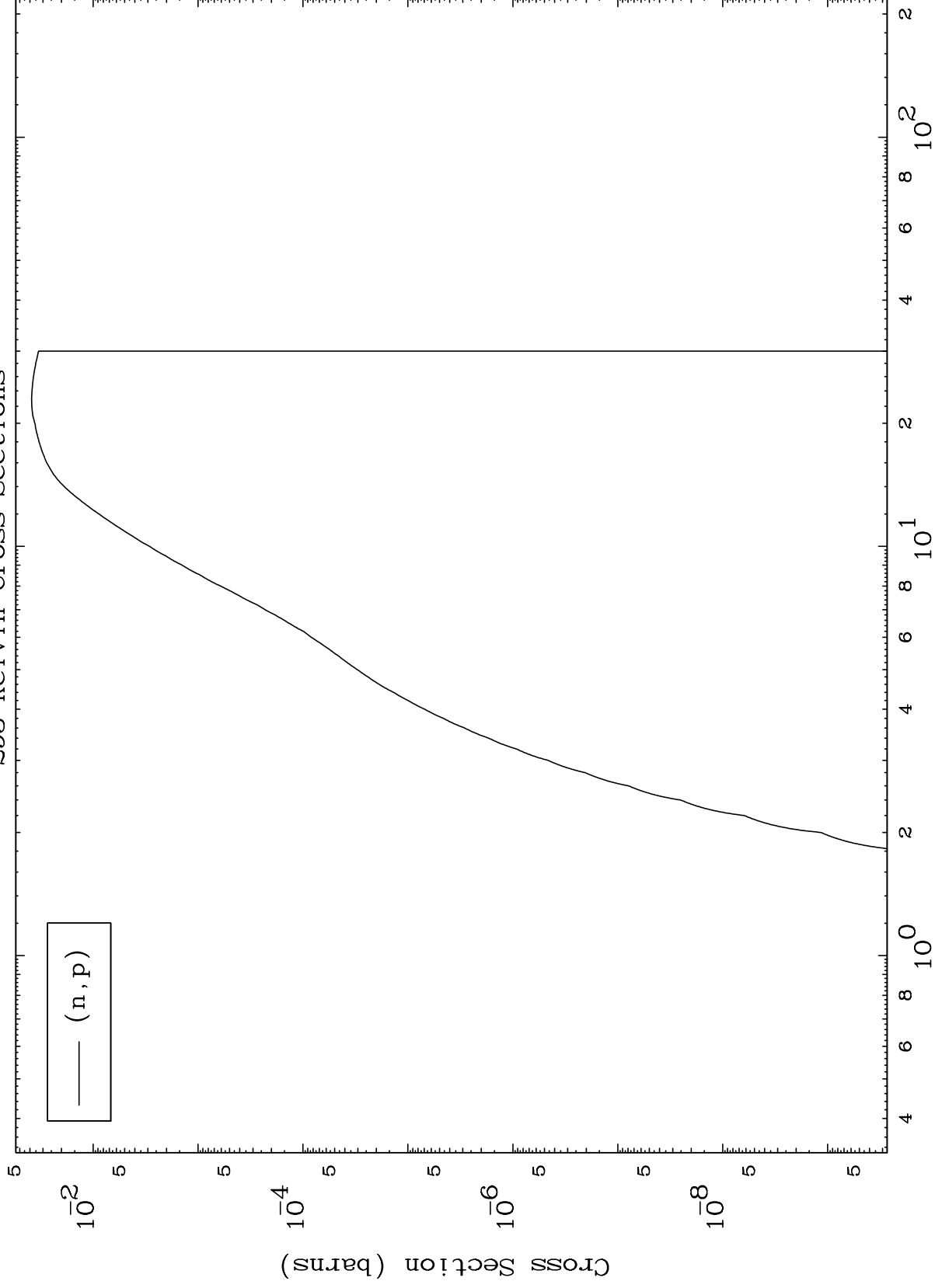
50-Sn-117m



MAT 5041

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-117m



12

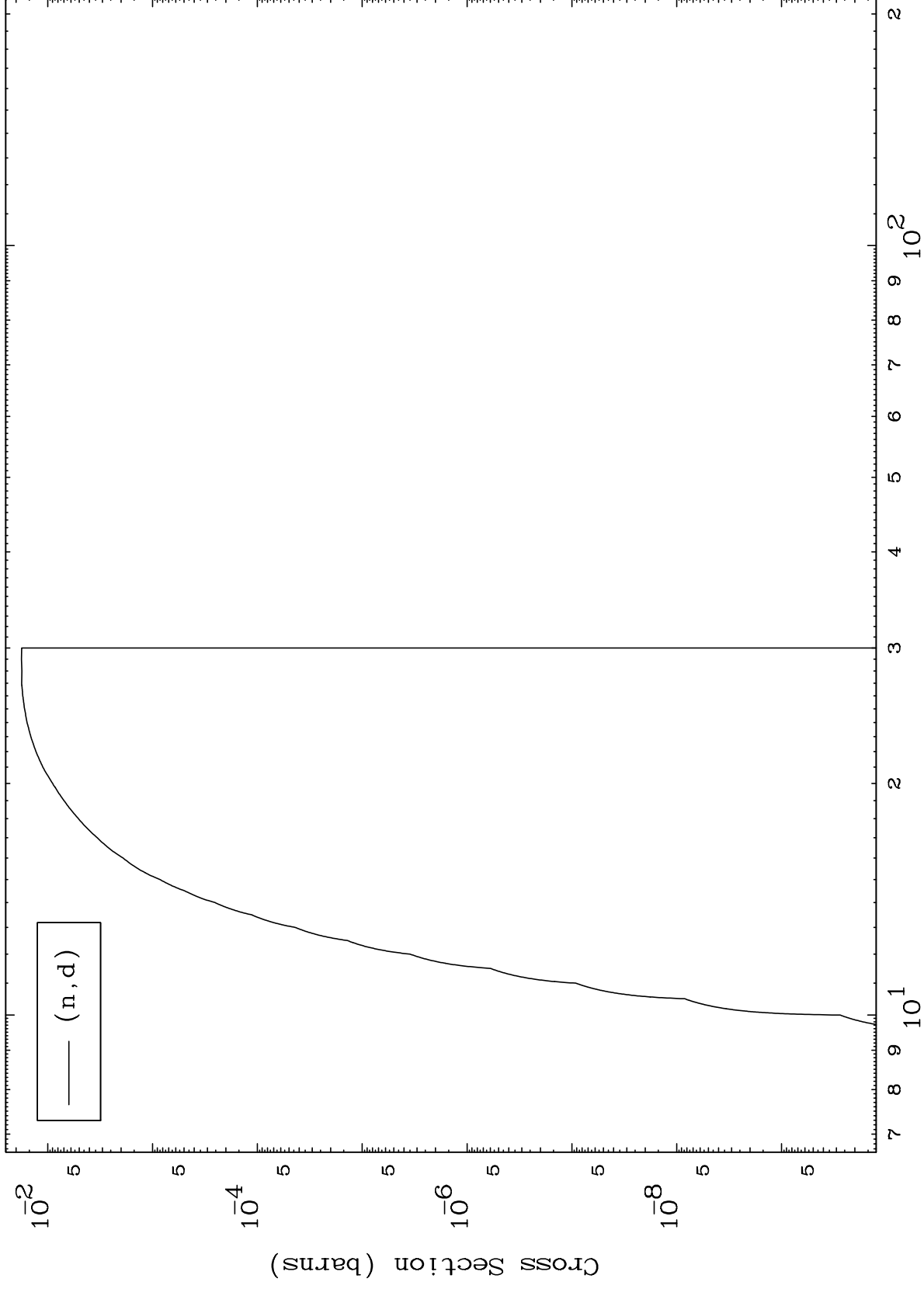
Incident Energy (MeV)

50-Sn-117m

MAT 5041

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-117m



13

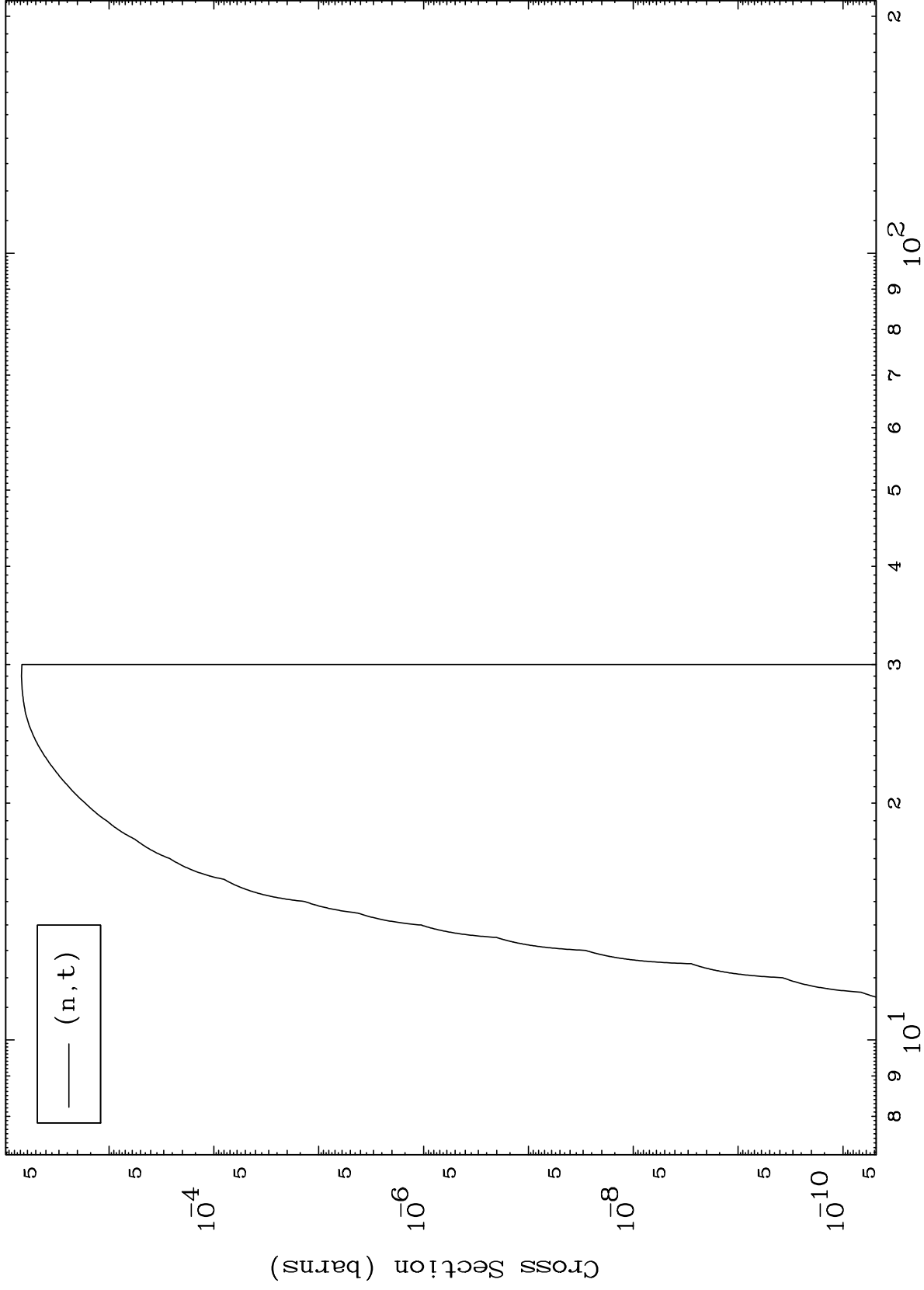
Incident Energy (MeV)

50-Sn-117m

MAT 5041

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-117m



14

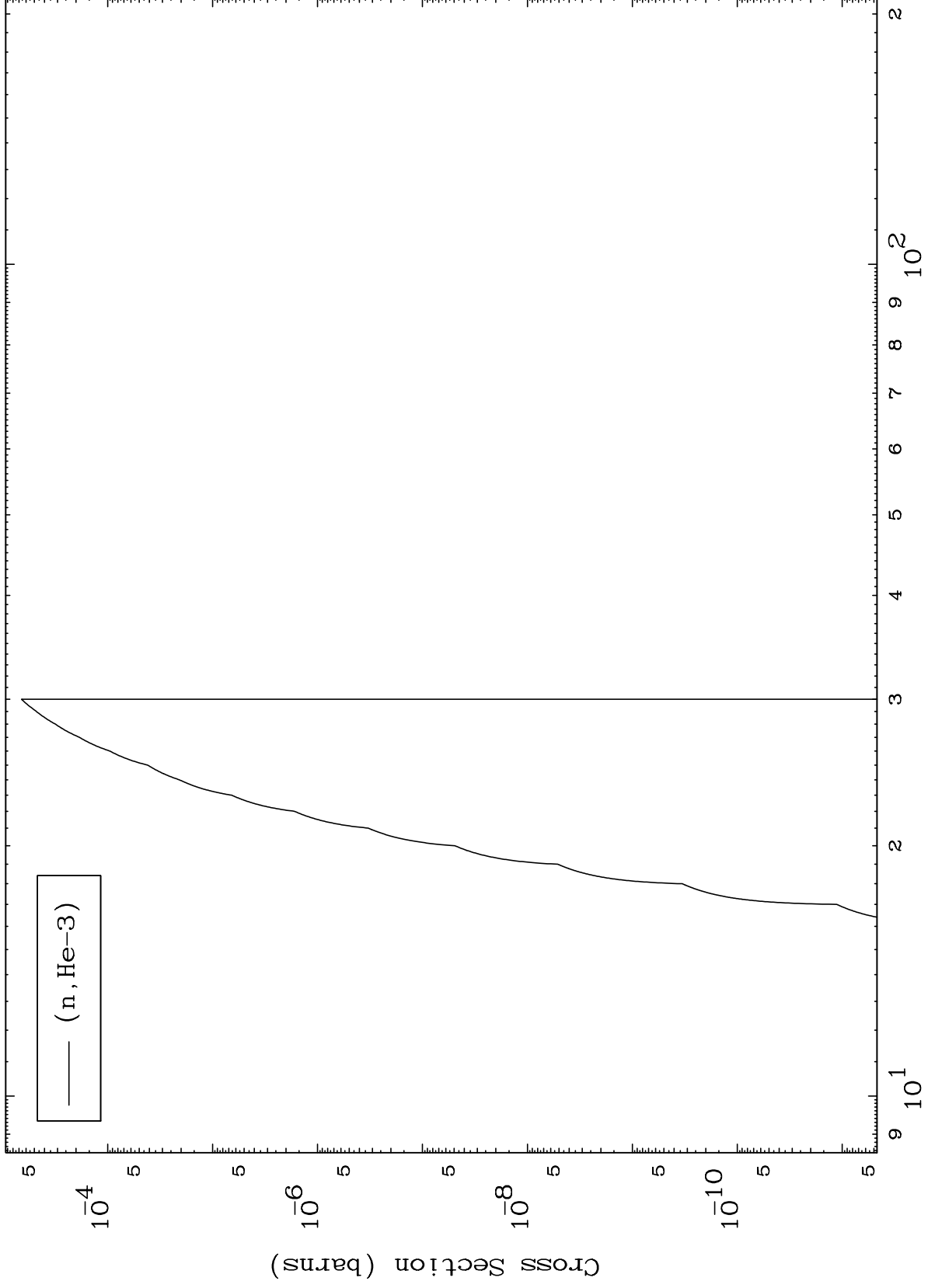
Incident Energy (MeV)

50-Sn-117m

MAT 5041

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-117m

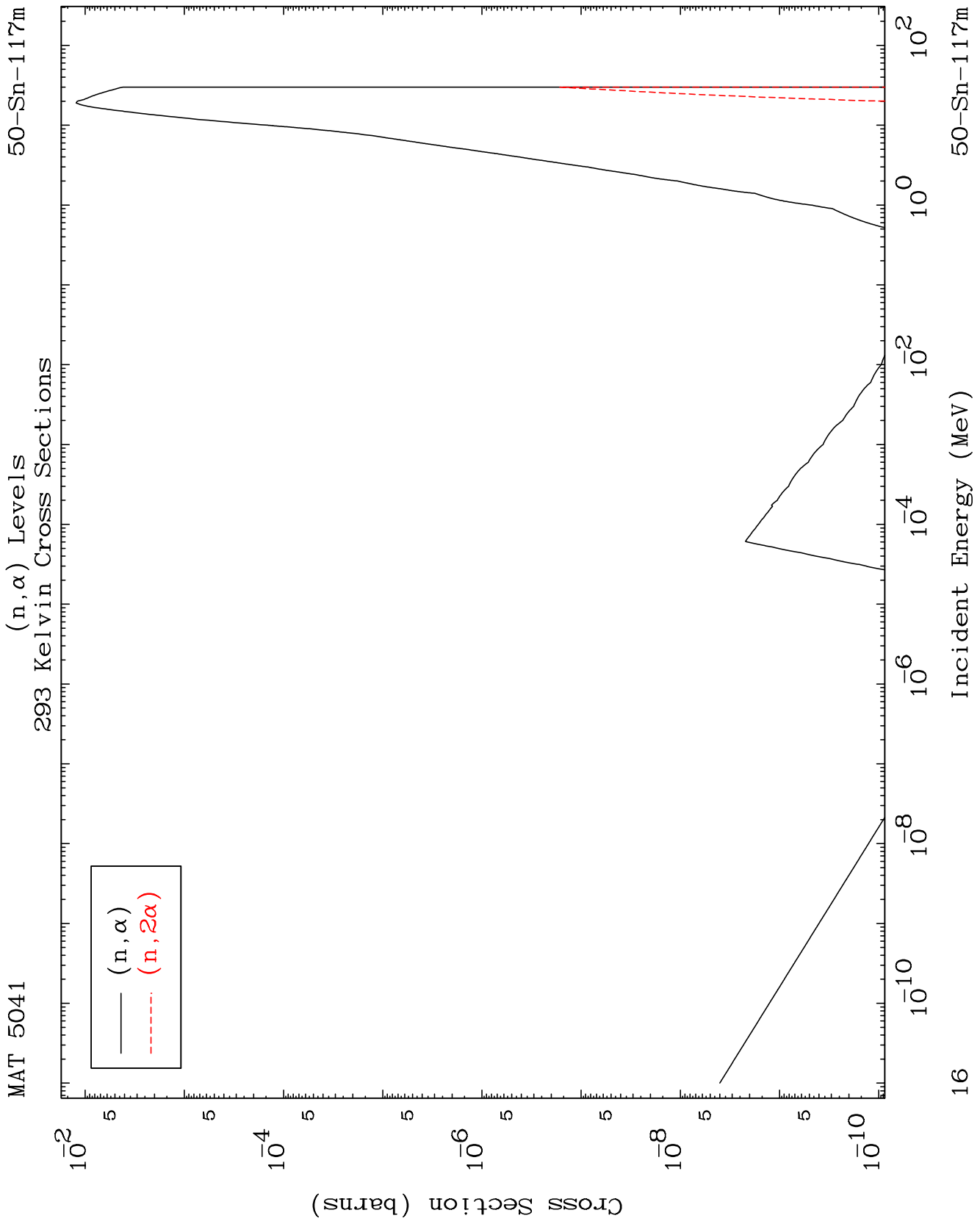


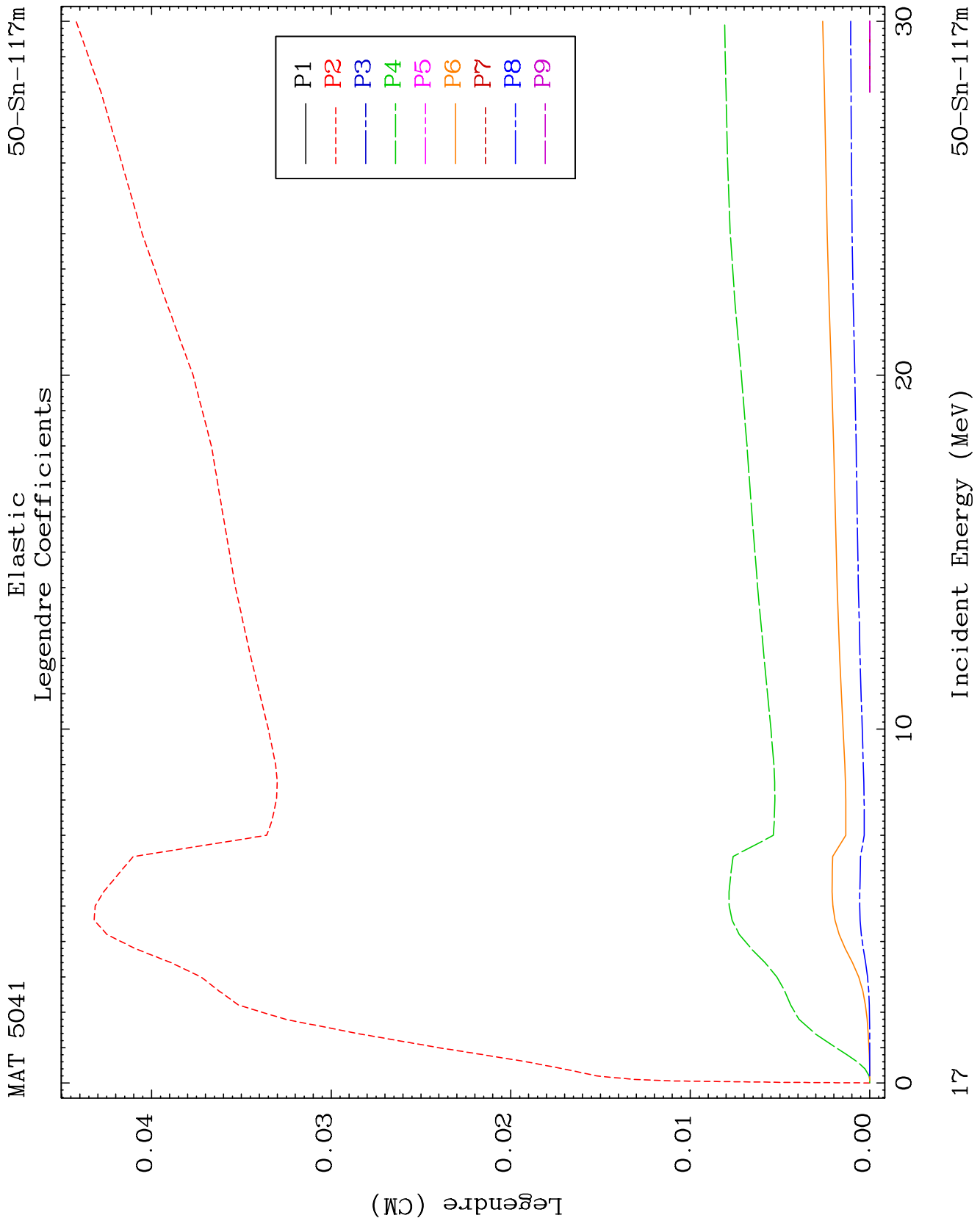
15

Incident Energy (MeV)

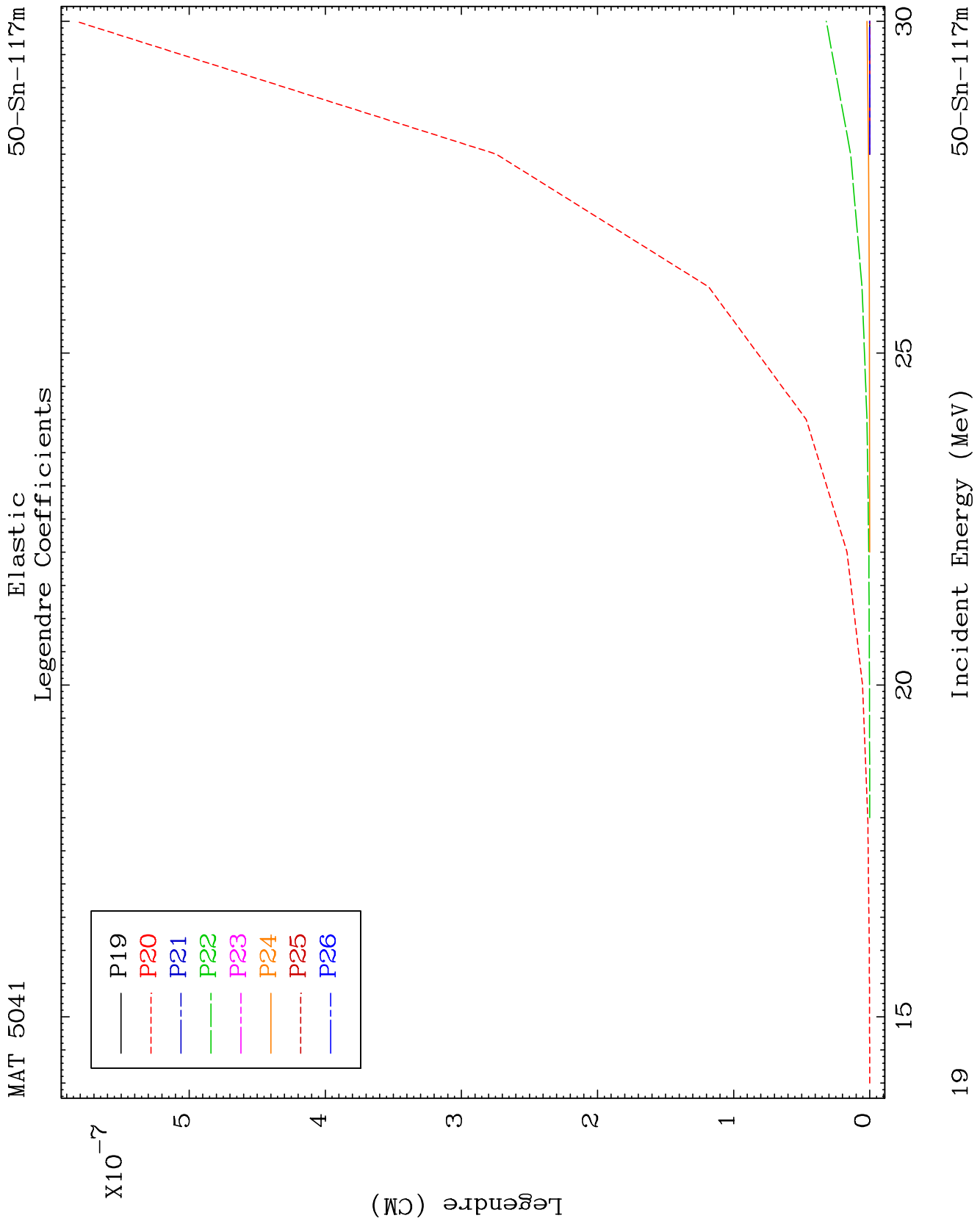
50-Sn-117m







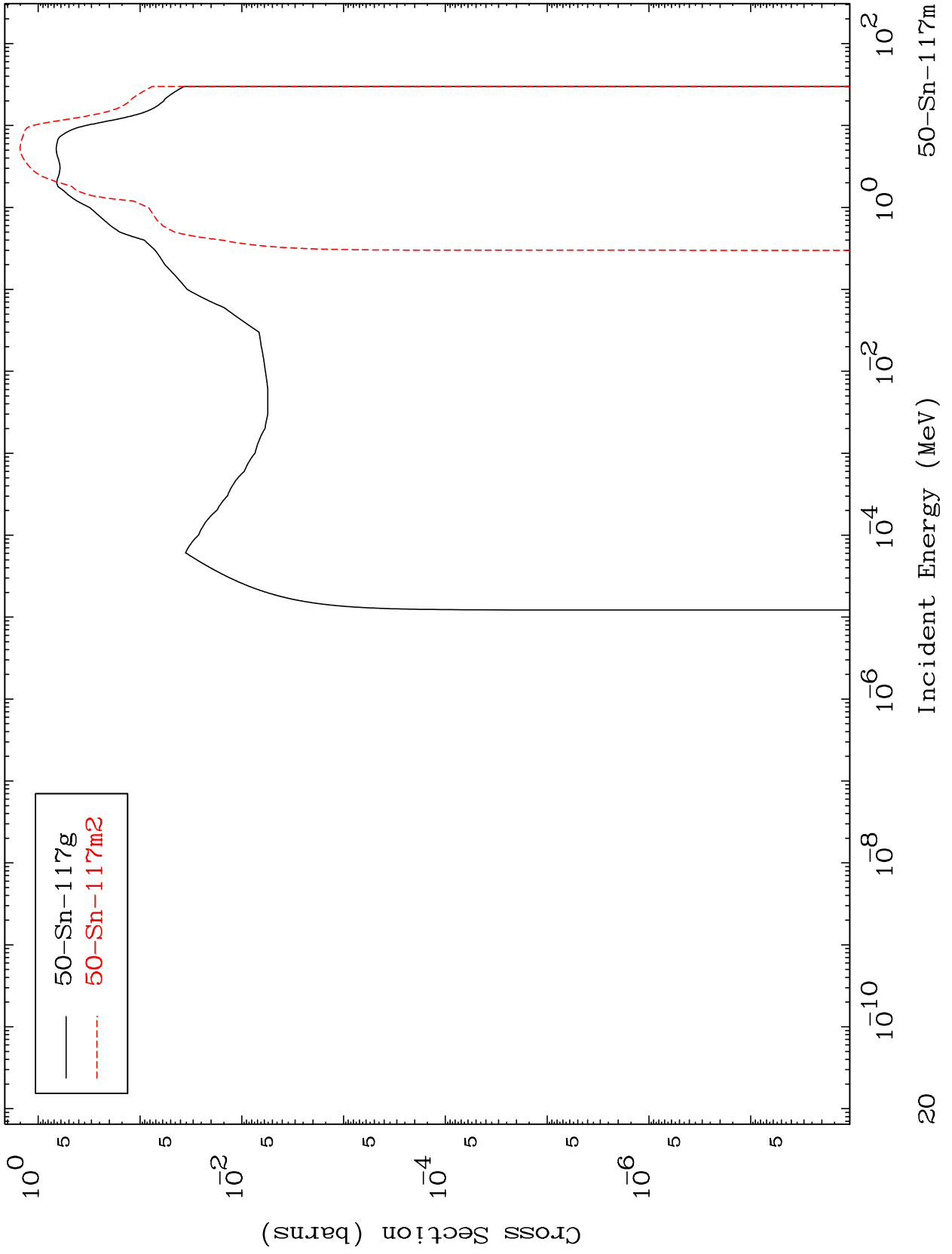




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50-Sn-117m

Inelastic  
Radionuclide Production Cross Section

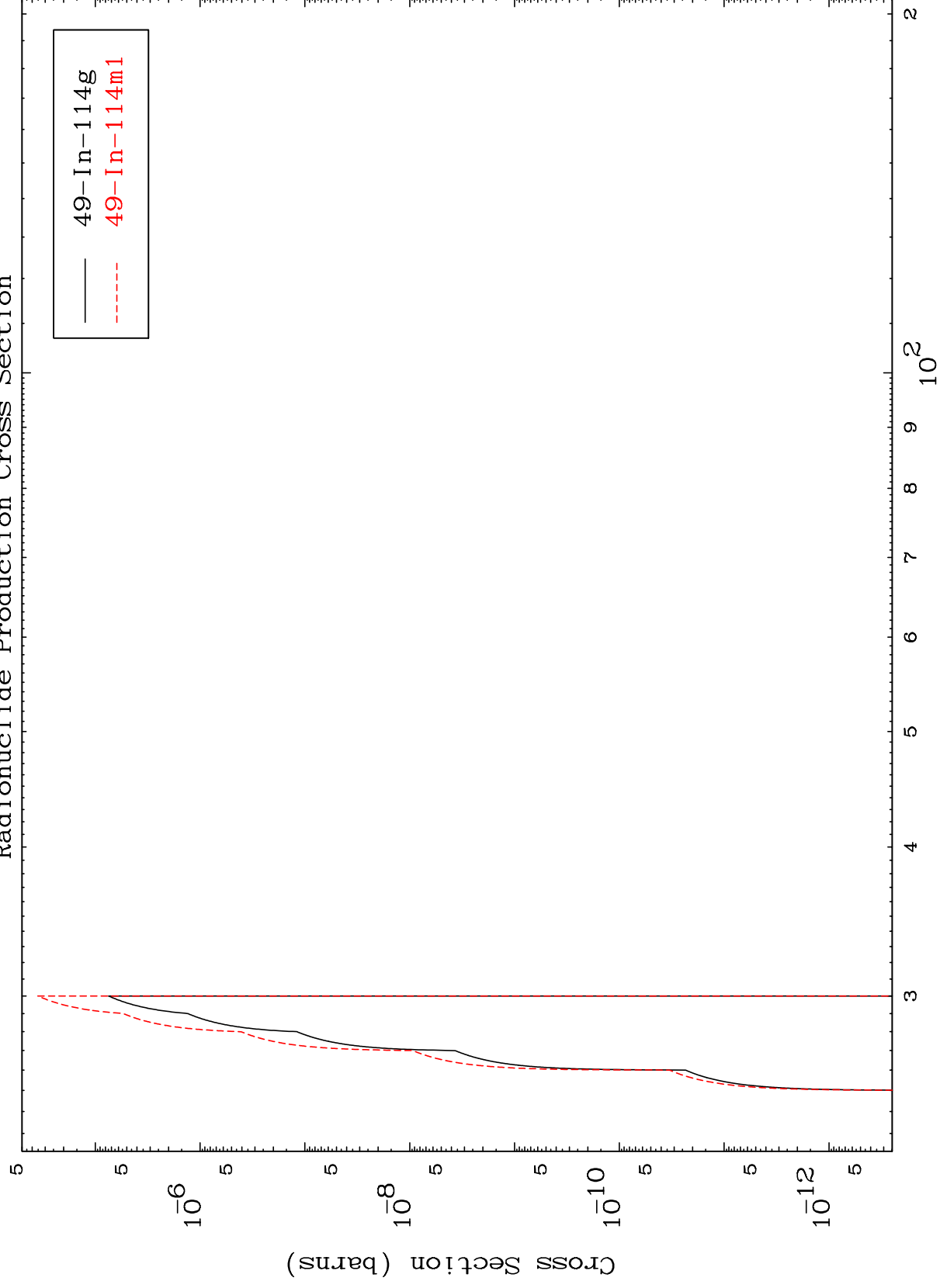


MAT 5041

(n,2n) d

50-Sn-117m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

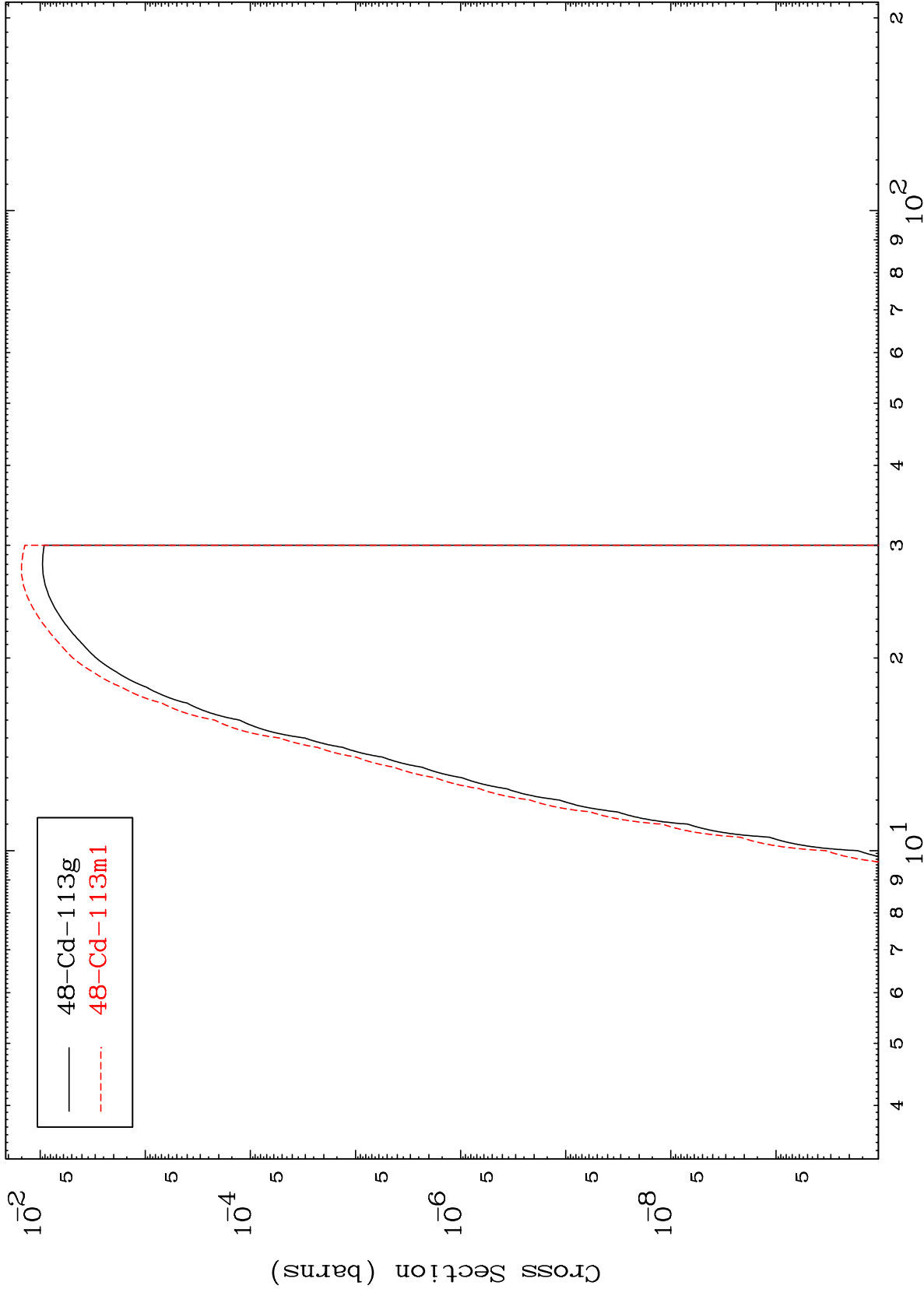
50-Sn-117m

MAT 5041

(n,n')  $\alpha$

50-Sn-117m

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-117m

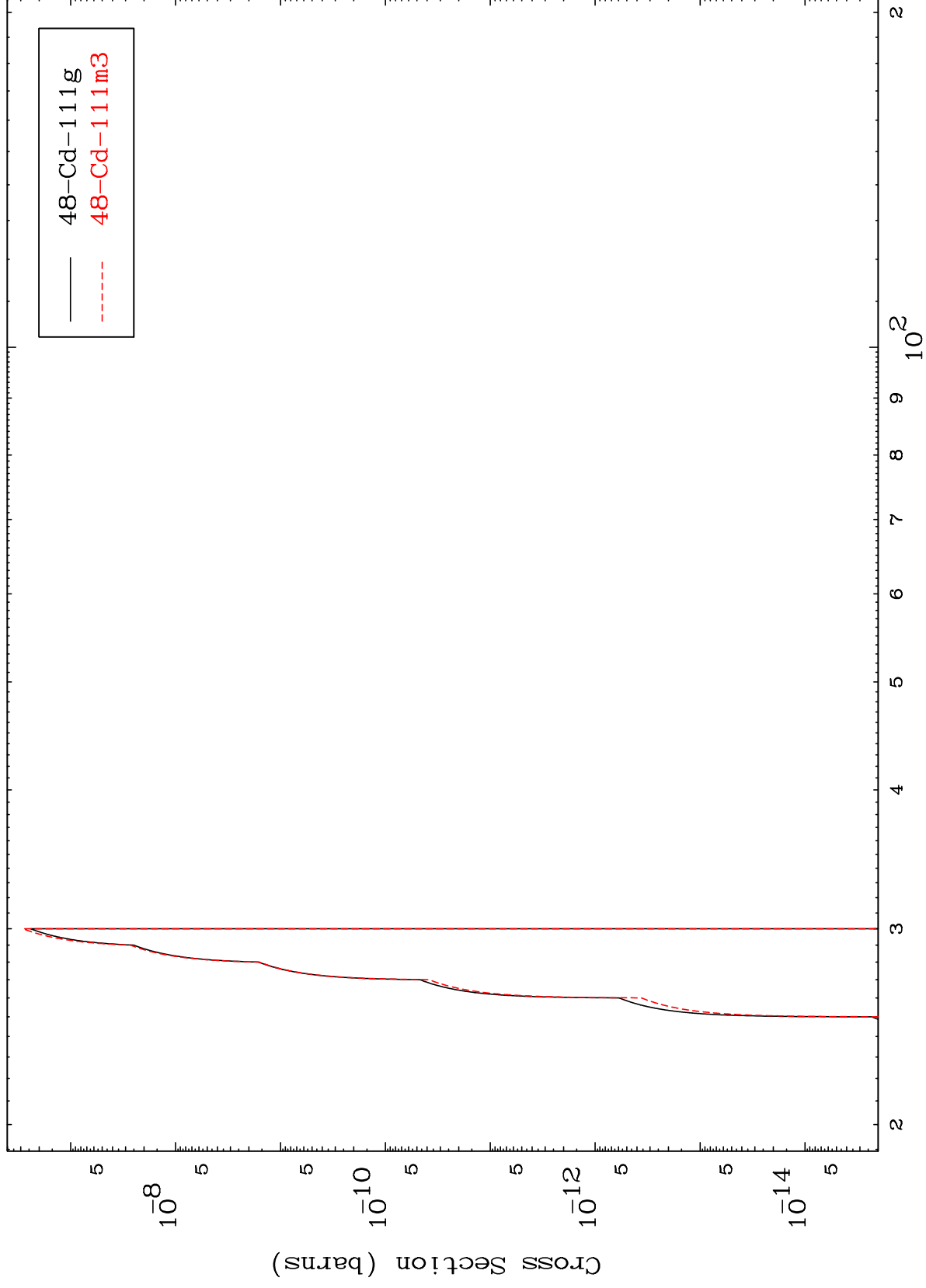
22

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(n,3n)  $\alpha$

50-Sn-117m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-117m

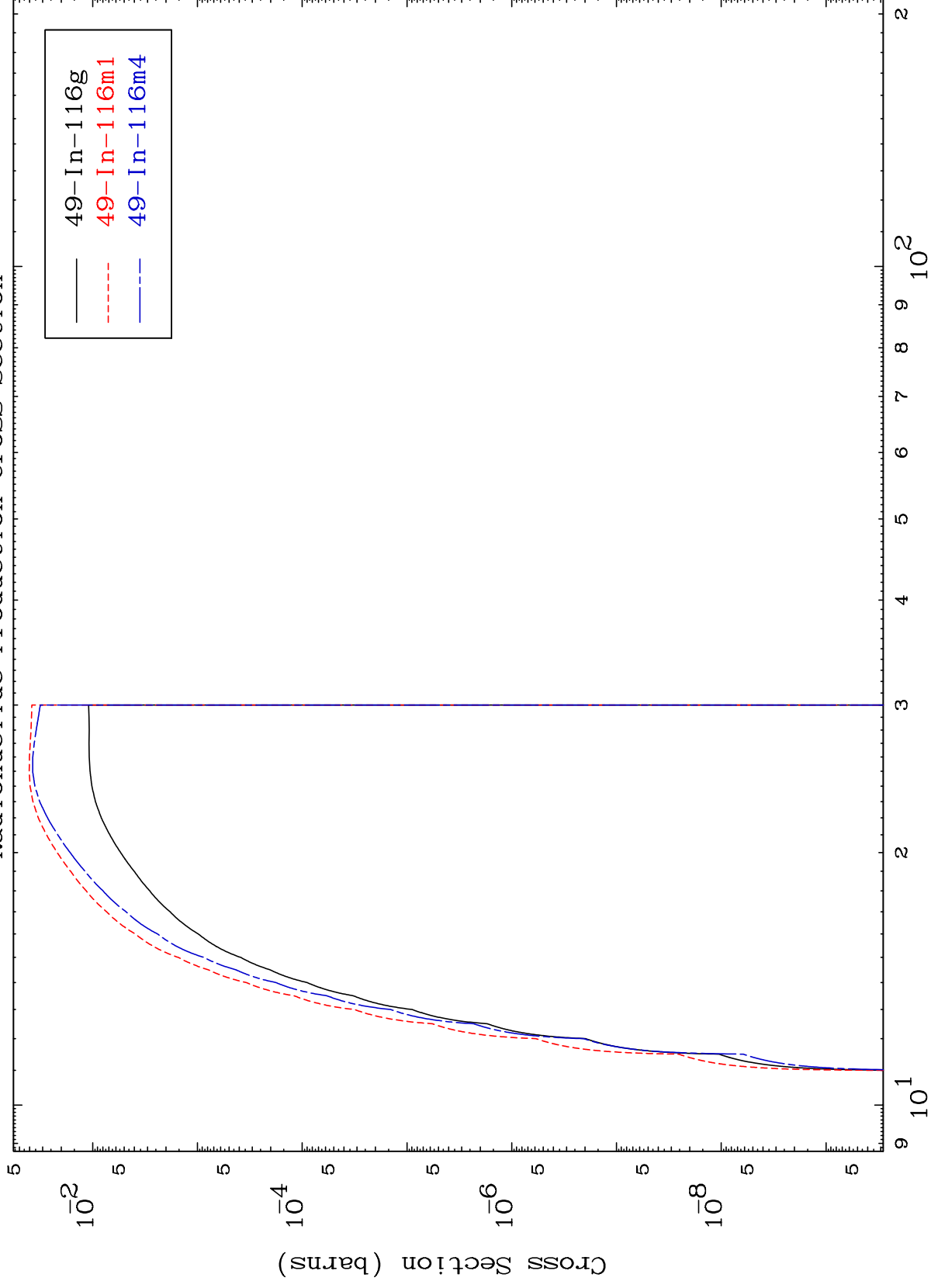


MAT 5041

(n,n') p

50-Sn-117m

Radionuclide Production Cross Section



24

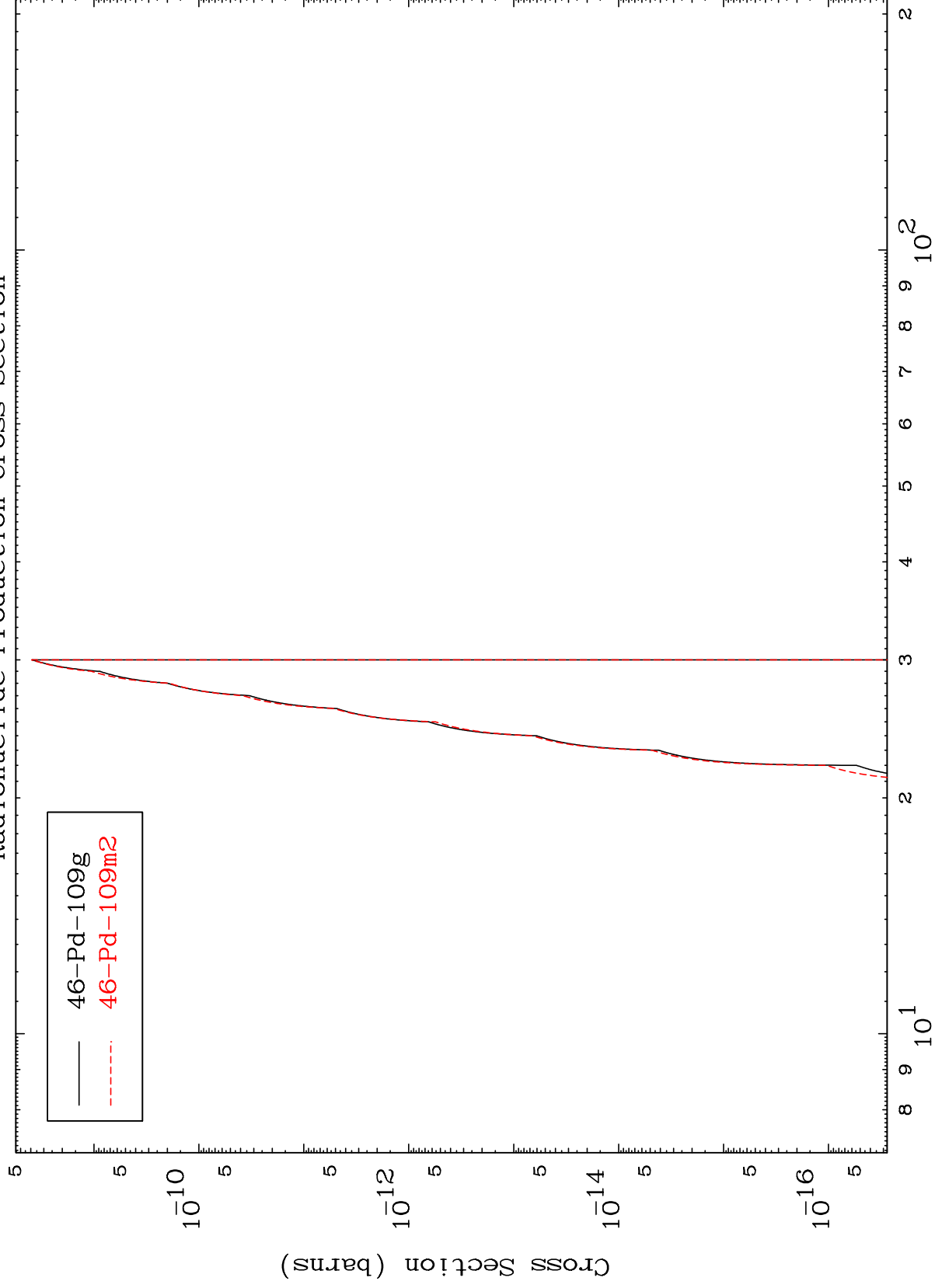
Incident Energy (MeV)

50-Sn-117m

MAT 5041

50-Sn-117m

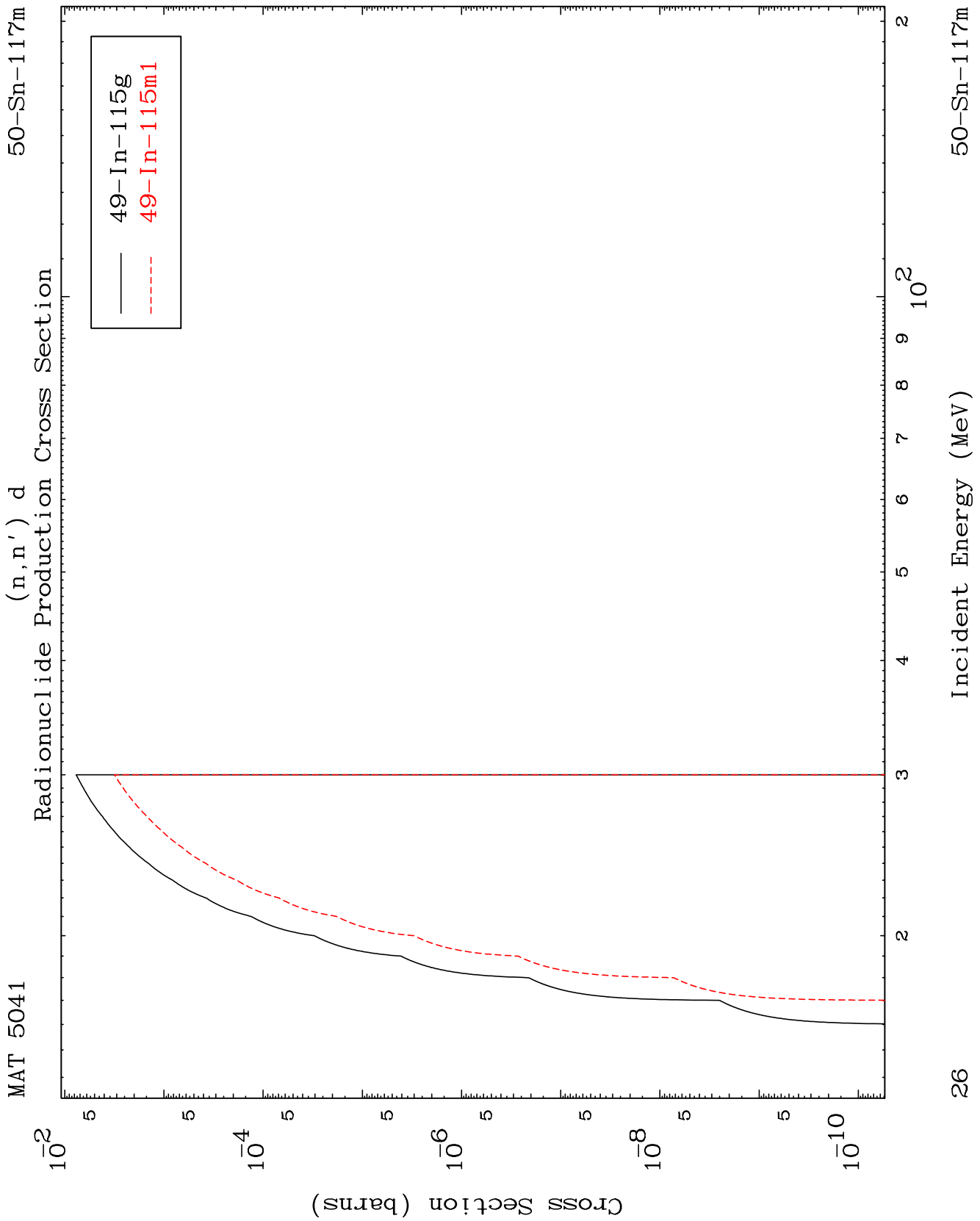
(n,n') 2α  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

50-Sn-117m

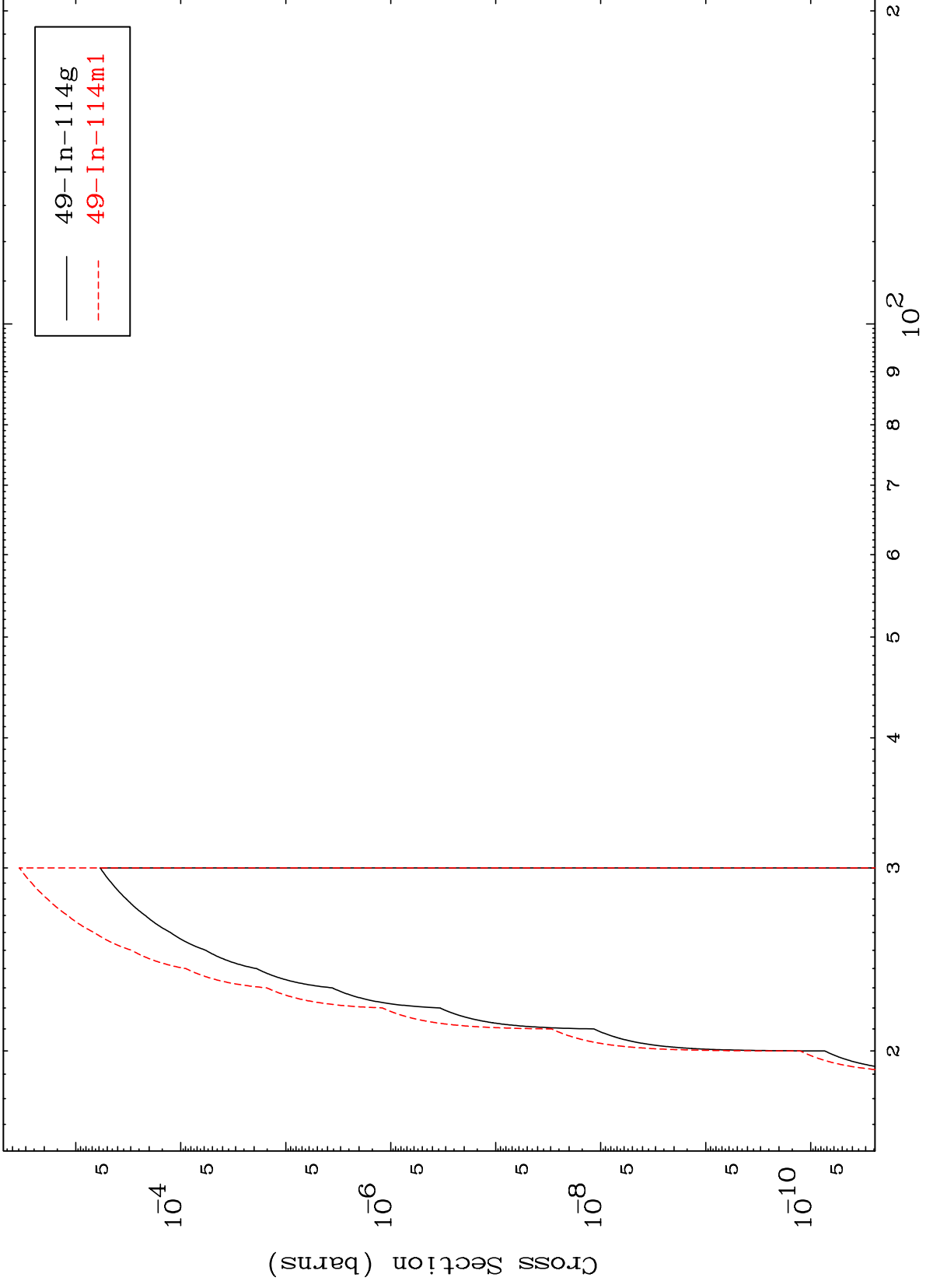


MAT 5041

(n,n') t

50-Sn-117m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

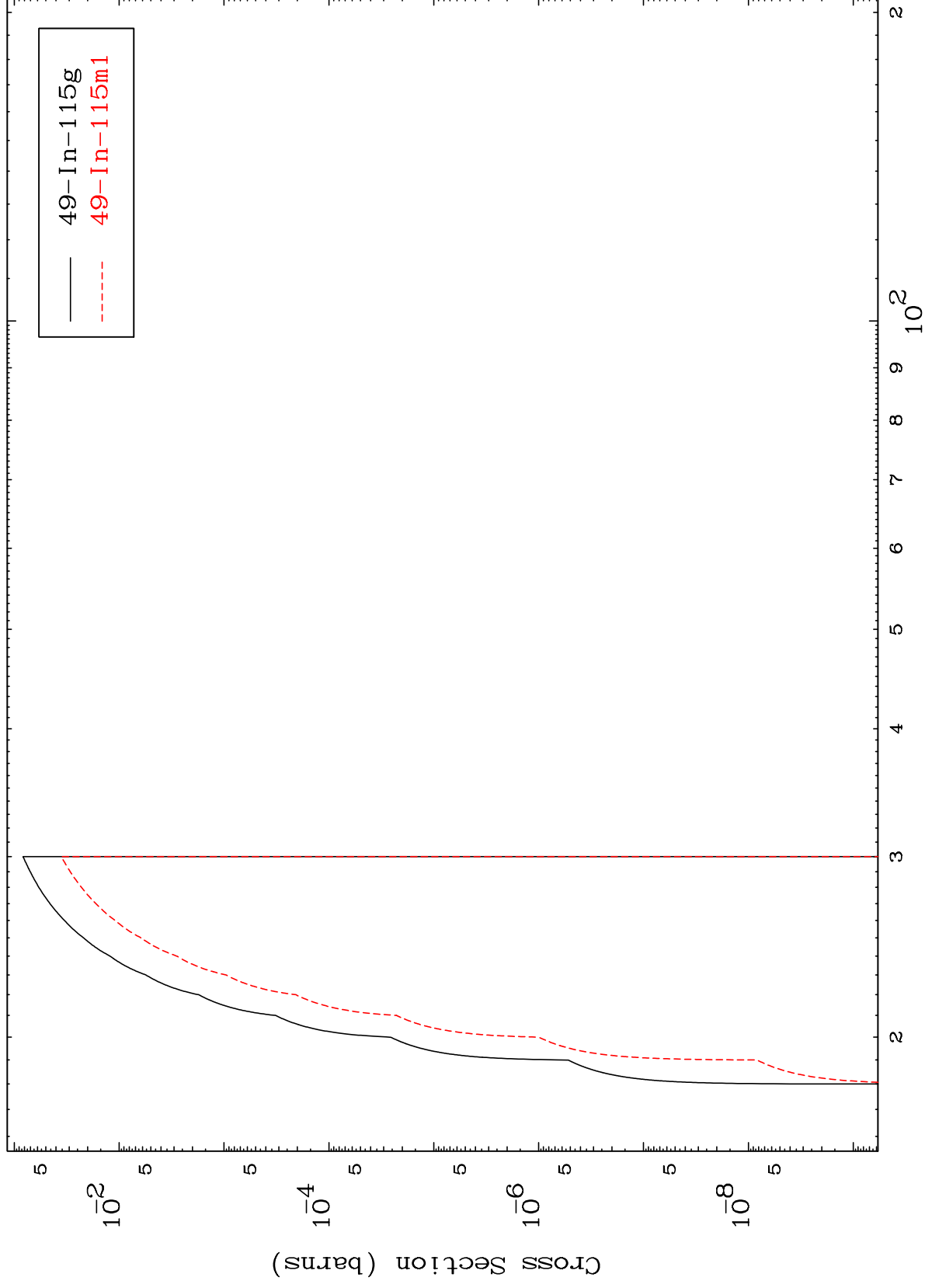
50-Sn-117m

MAT 5041

(n,2n) p

50-Sn-117m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

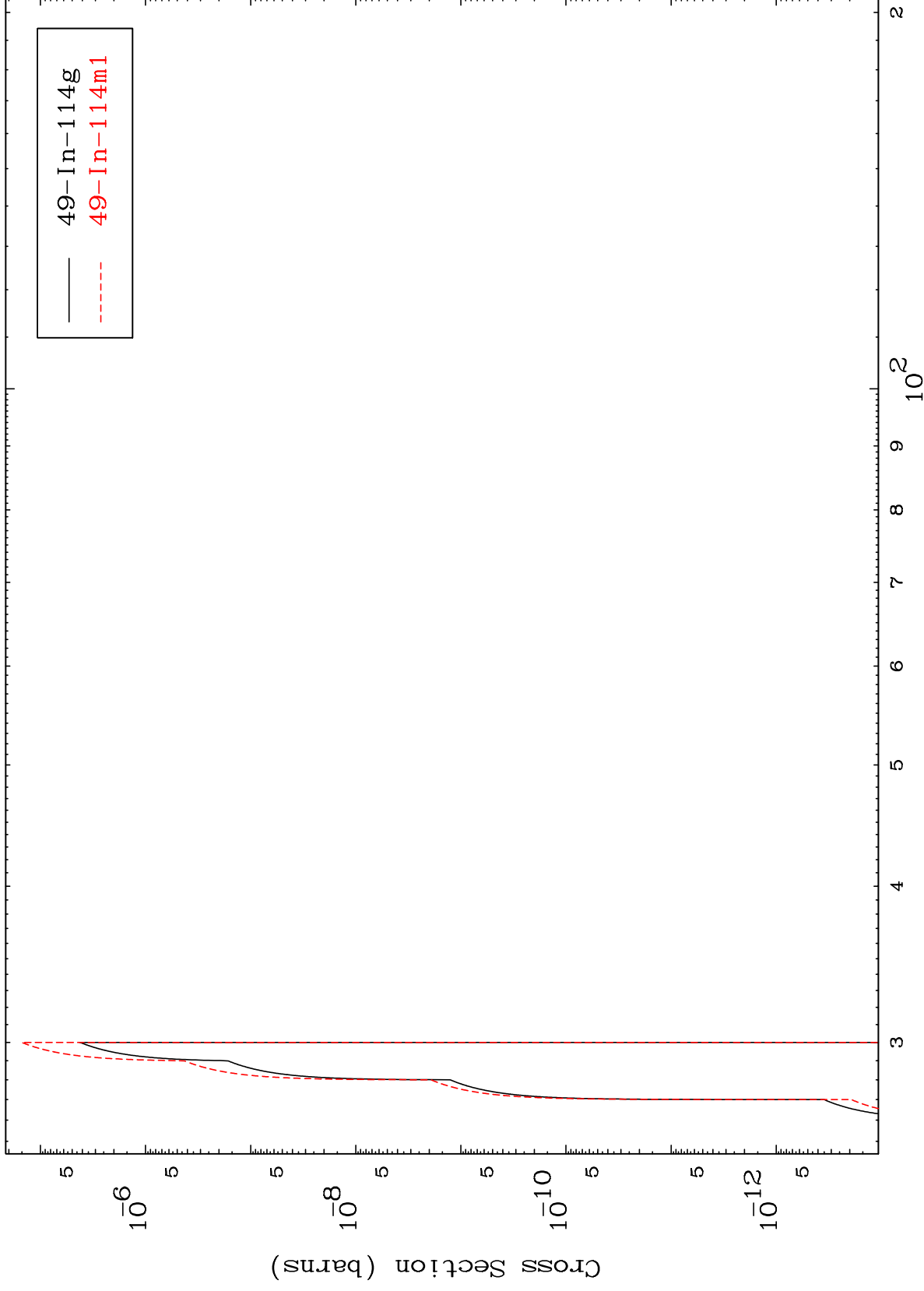
50-Sn-117m

MAT 5041

(n,3n) p

50-Sn-117m

Radionuclide Production Cross Section



29

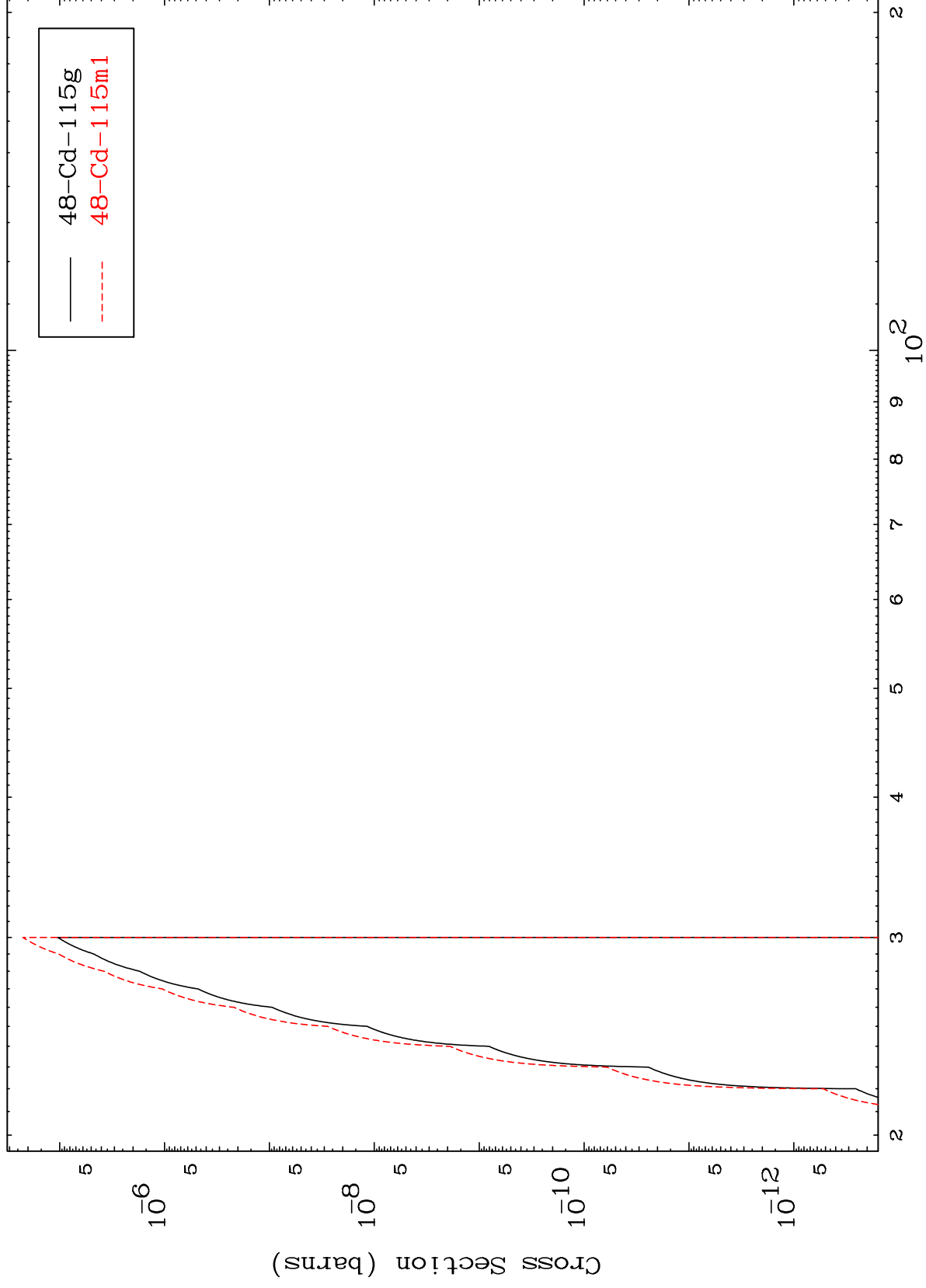
Incident Energy (MeV)

50-Sn-117m

MAT 5041

50-Sn-117m

(n,2n) p  
Radionuclide Production Cross Section



50-Sn-117m

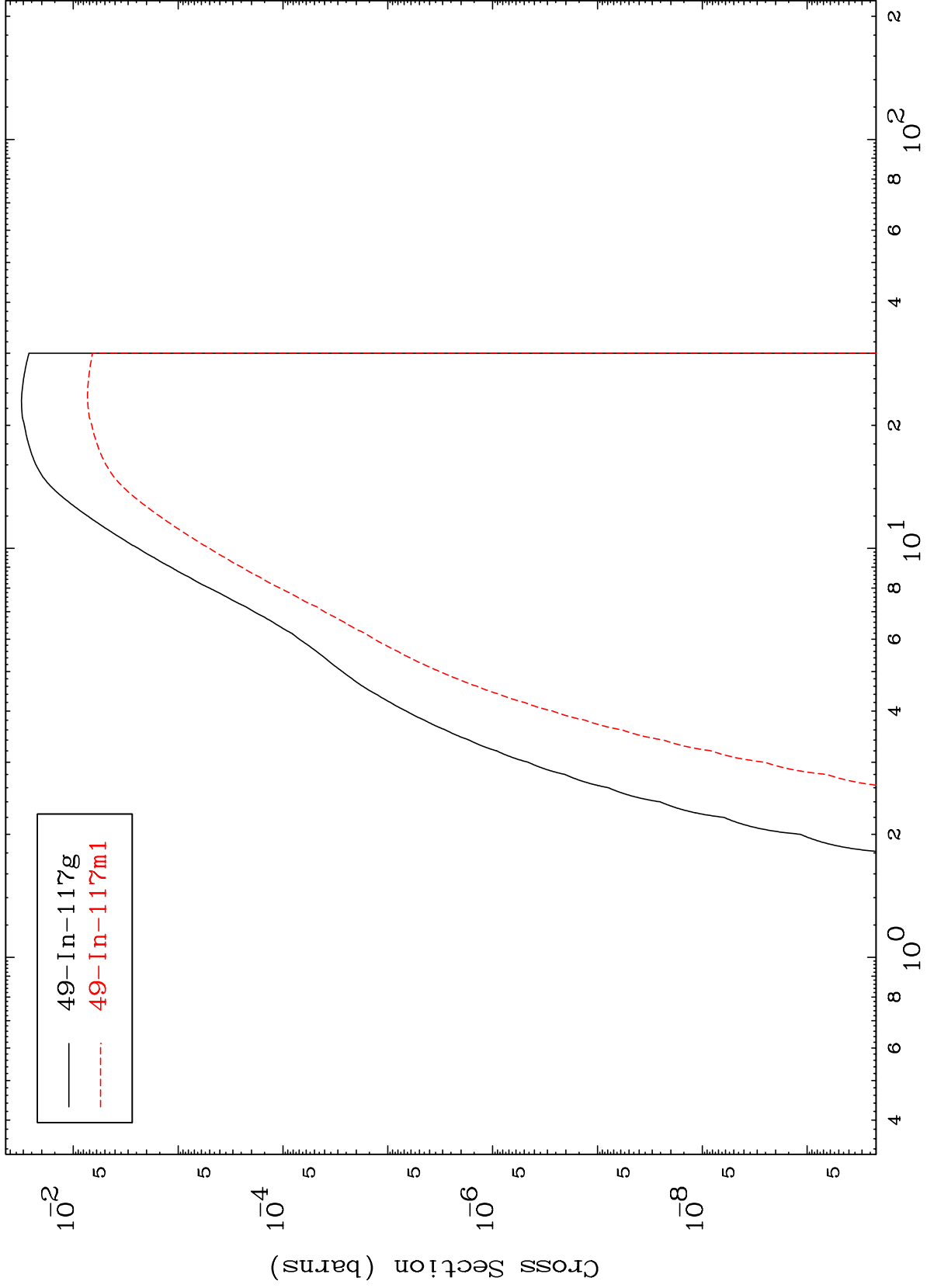
Incident Energy (MeV)

30

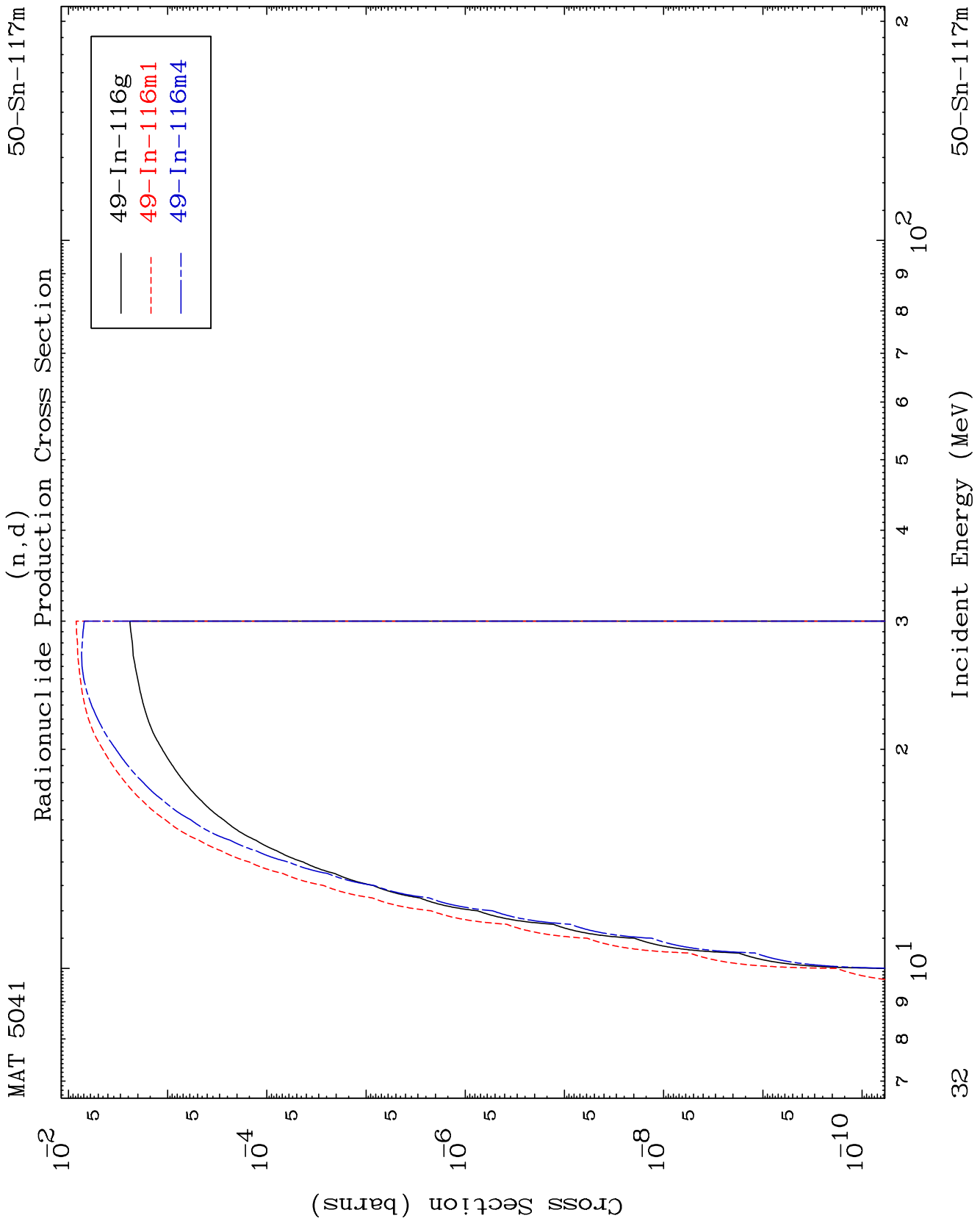
MAT 5041

50-Sn-117m

(n,p)  
Radionuclide Production Cross Section



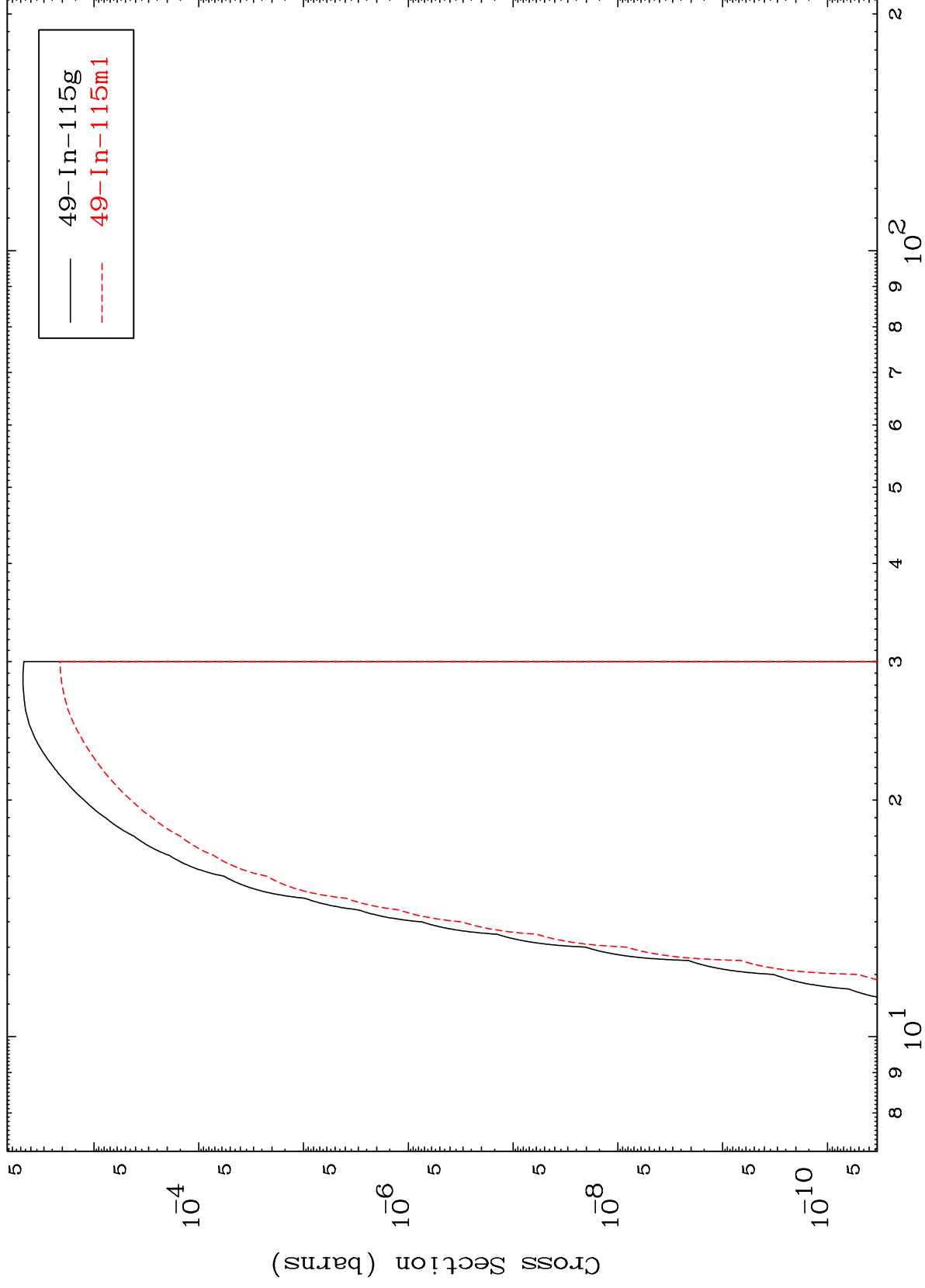




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50-Sn-117m

(n, t)  
Radionuclide Production Cross Section



33

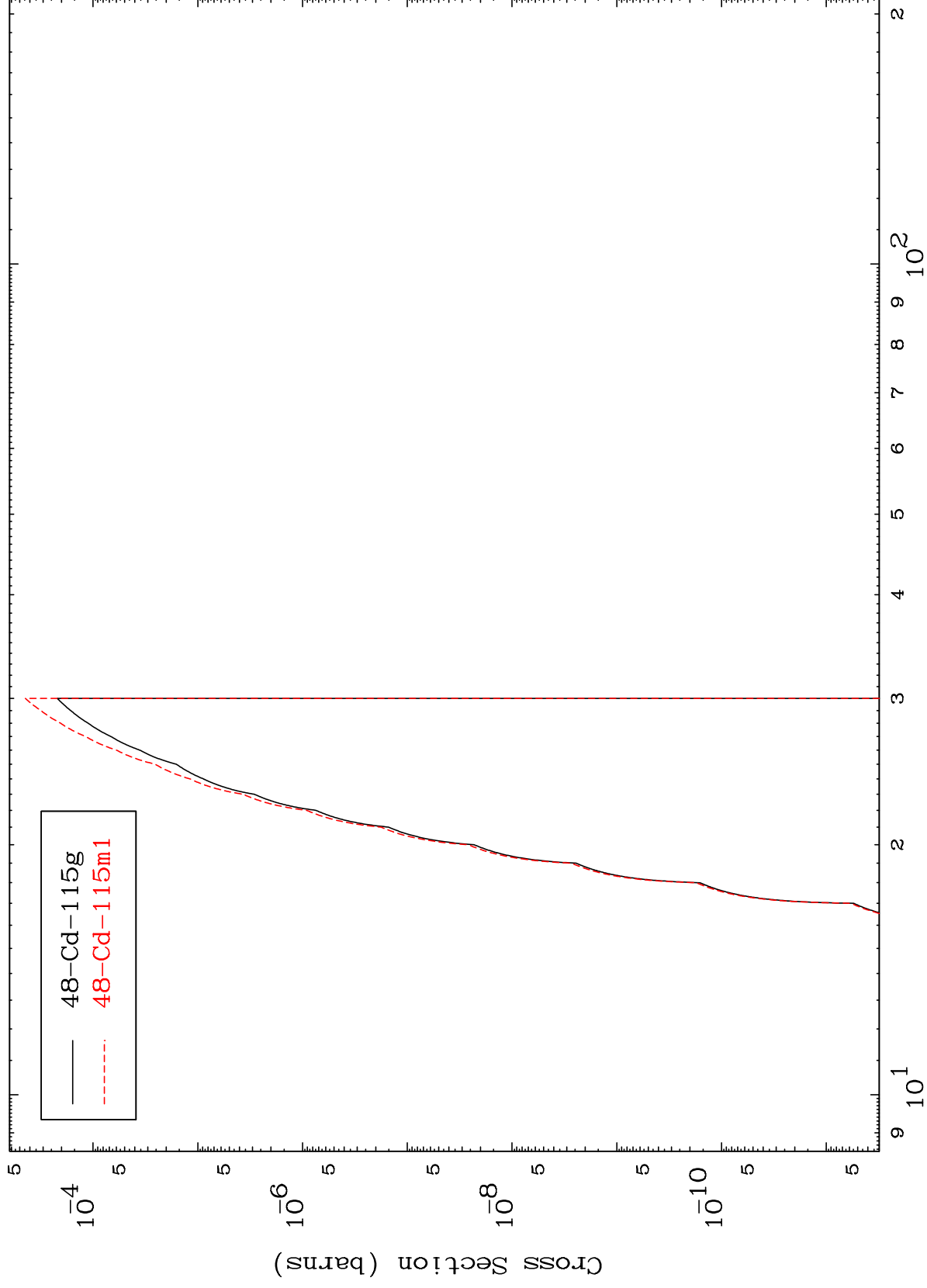
Incident Energy (MeV)

50-Sn-117m

MAT 5041

50-Sn-117m

(n,He-3)  
Radionuclide Production Cross Section



50-Sn-117m

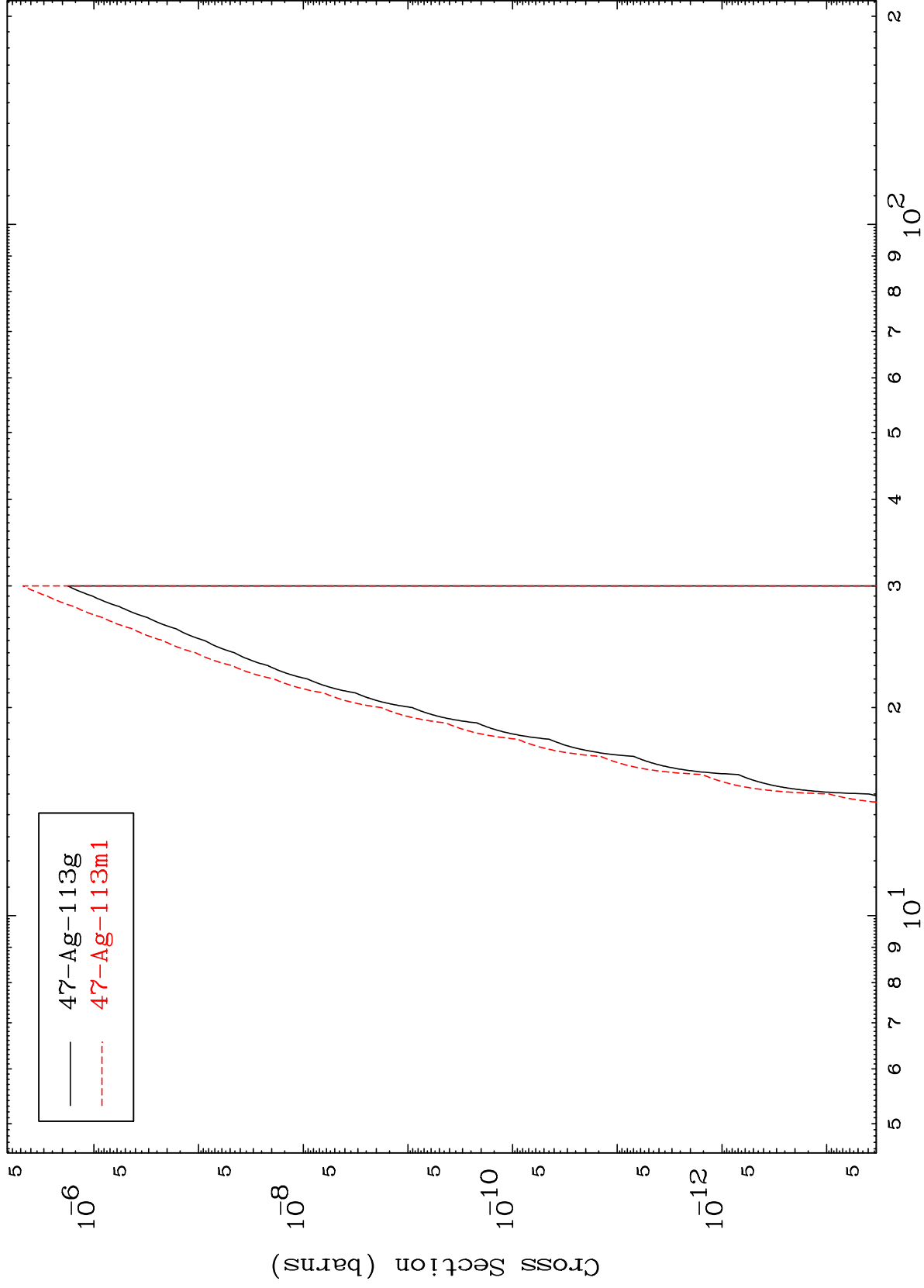
Incident Energy (MeV)

34

MAT 5041

50-Sn-117m

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



50-Sn-117m

Incident Energy (MeV)

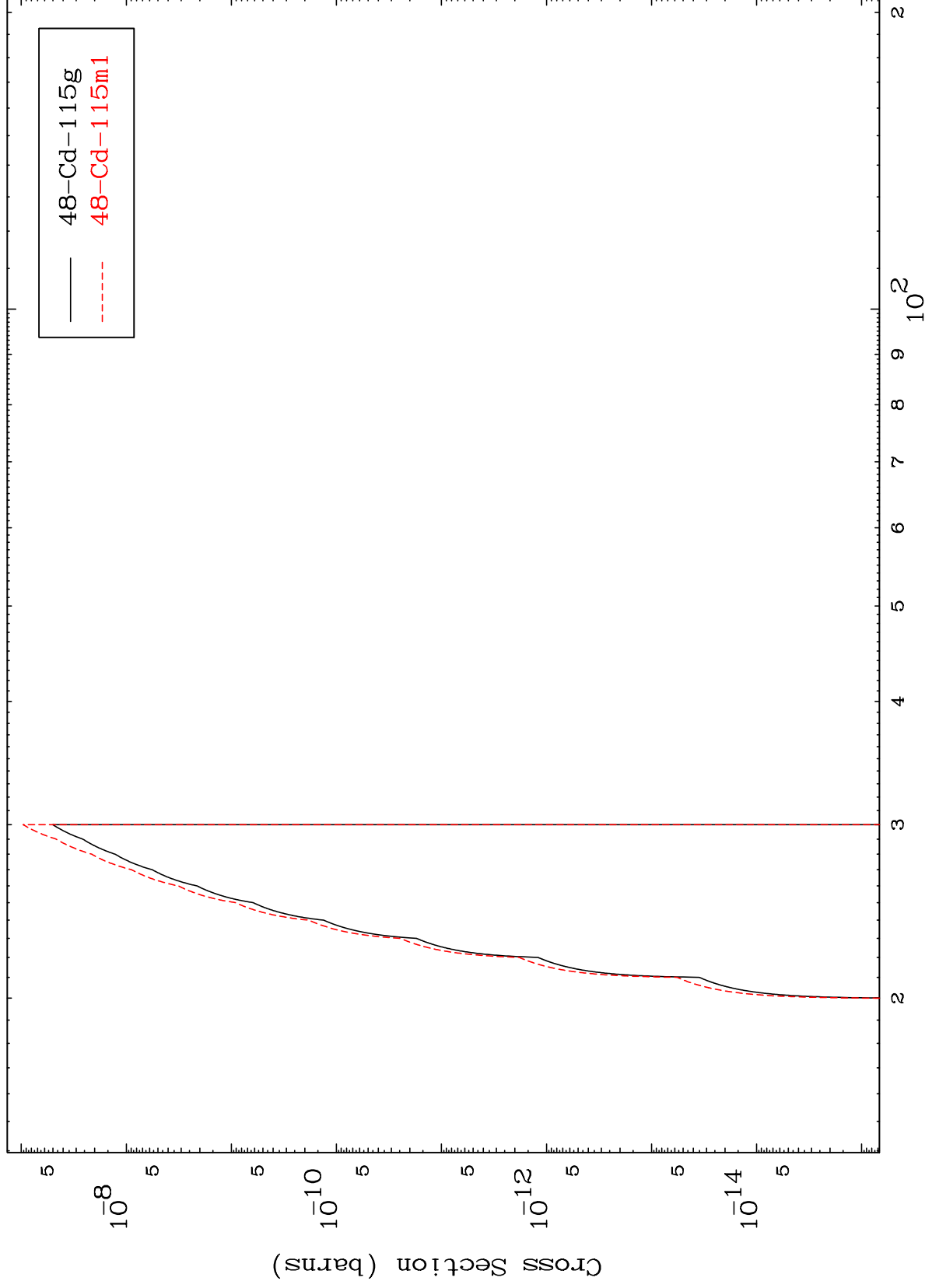
35

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(n,p) d

50-Sn-117m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

50-Sn-117m