

Program EVALPLOT  
(Version 2021-1)

by

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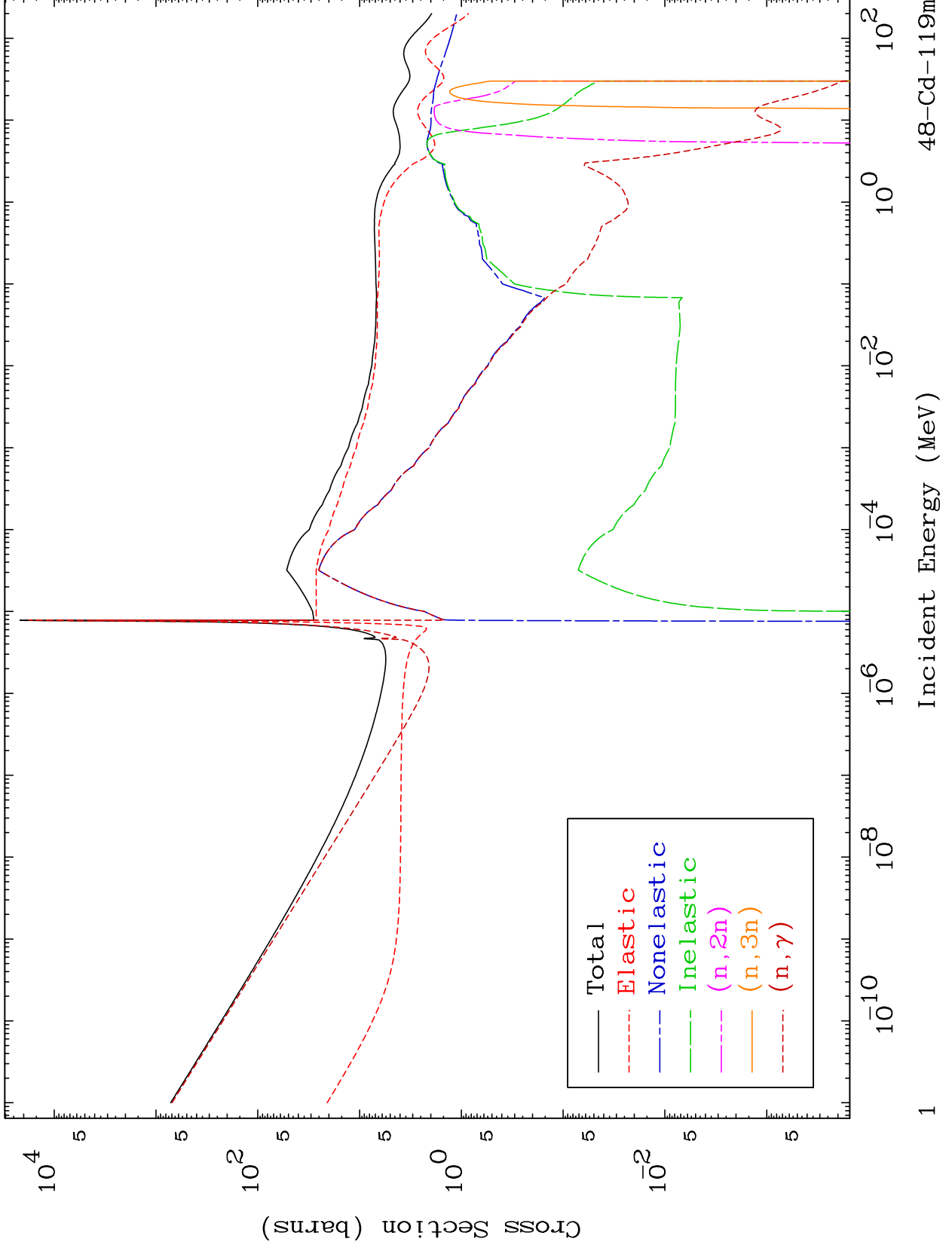
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4865

Neutron Major  
293 Kelvin Cross Sections

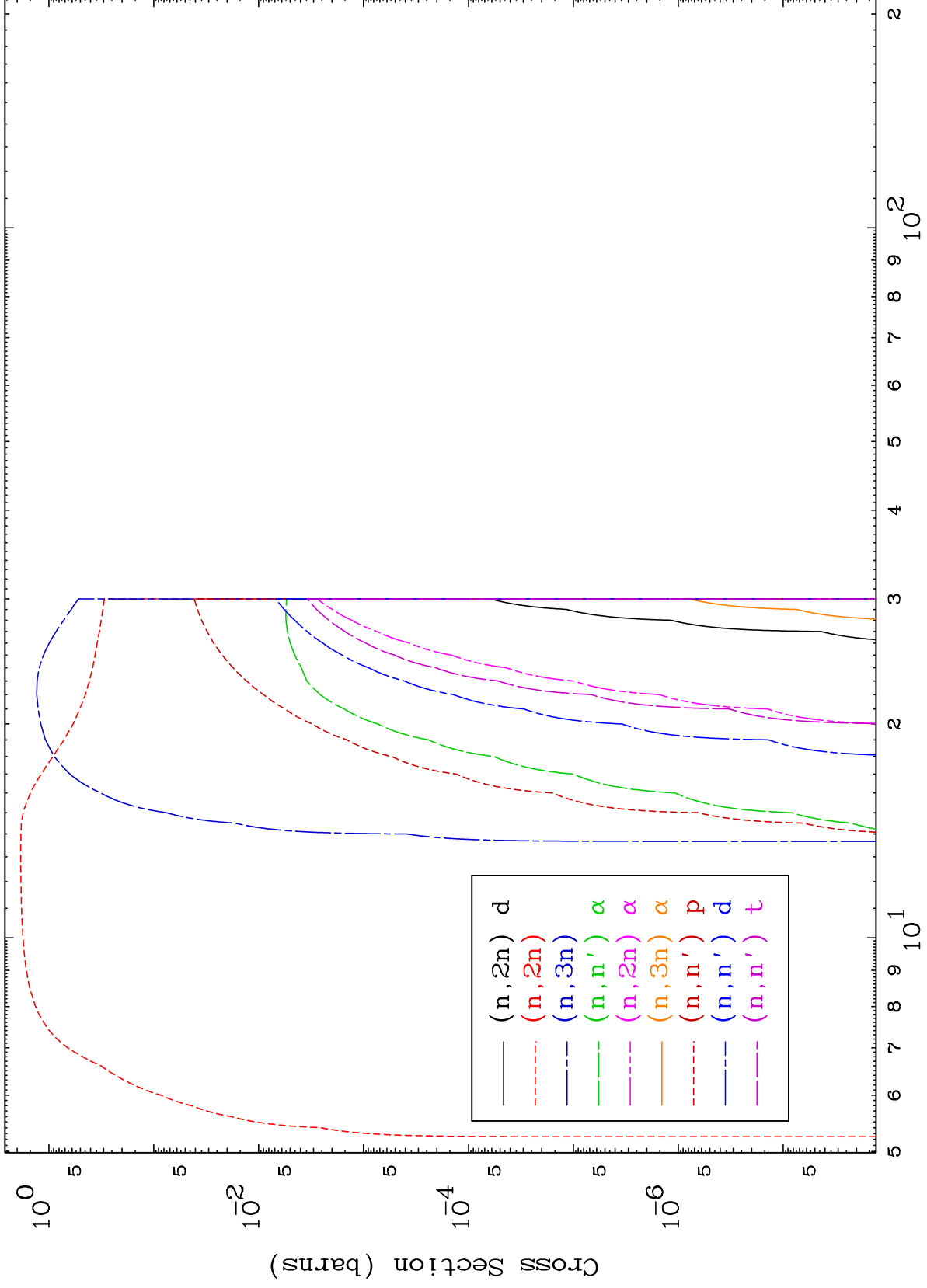
48-Cd-119m



MAT 4865

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-119m



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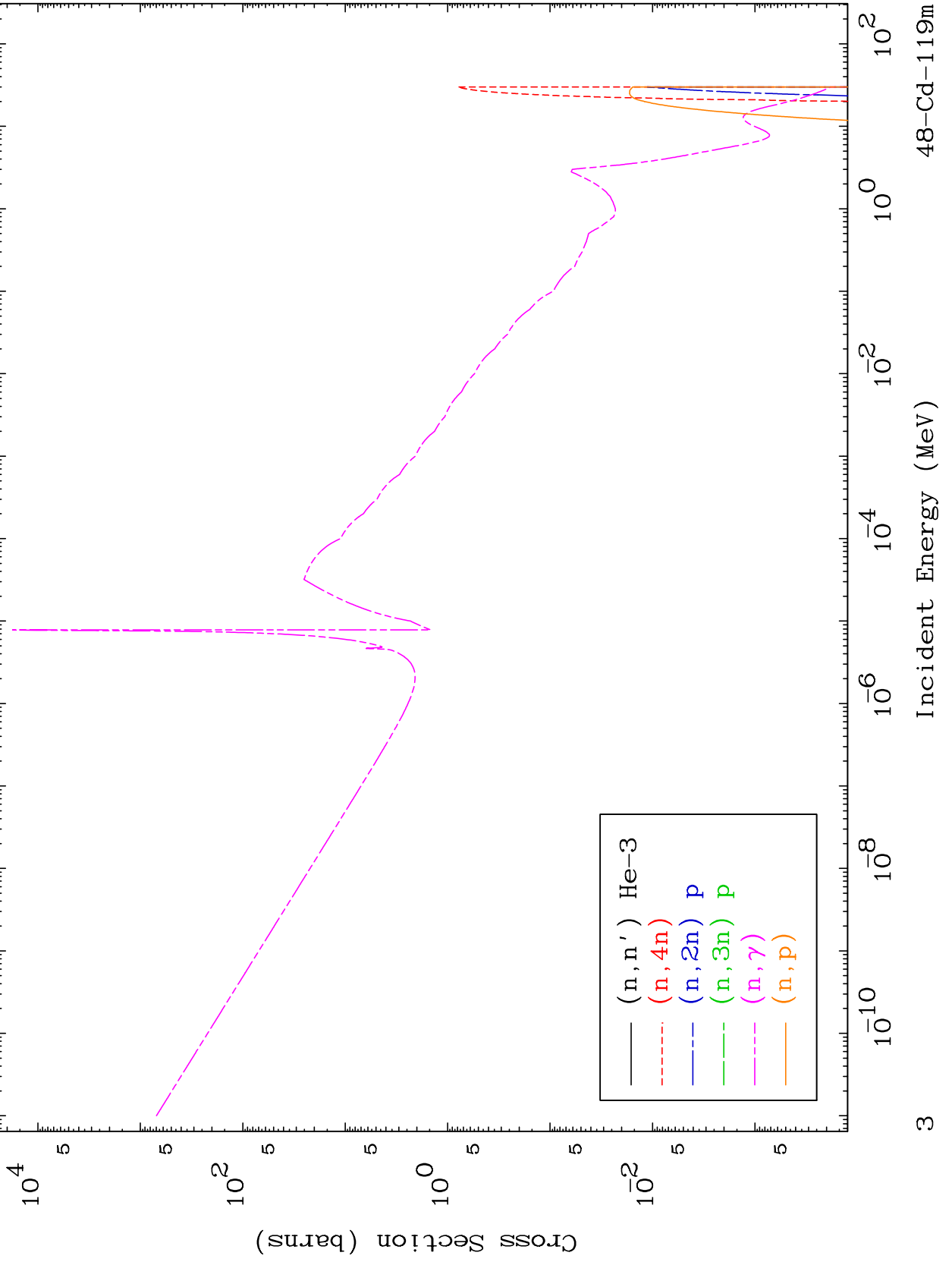
Incident Energy (MeV)

48-Cd-119m

MAT 4865

Neutron Absorption  
293 Kelvin Cross Sections

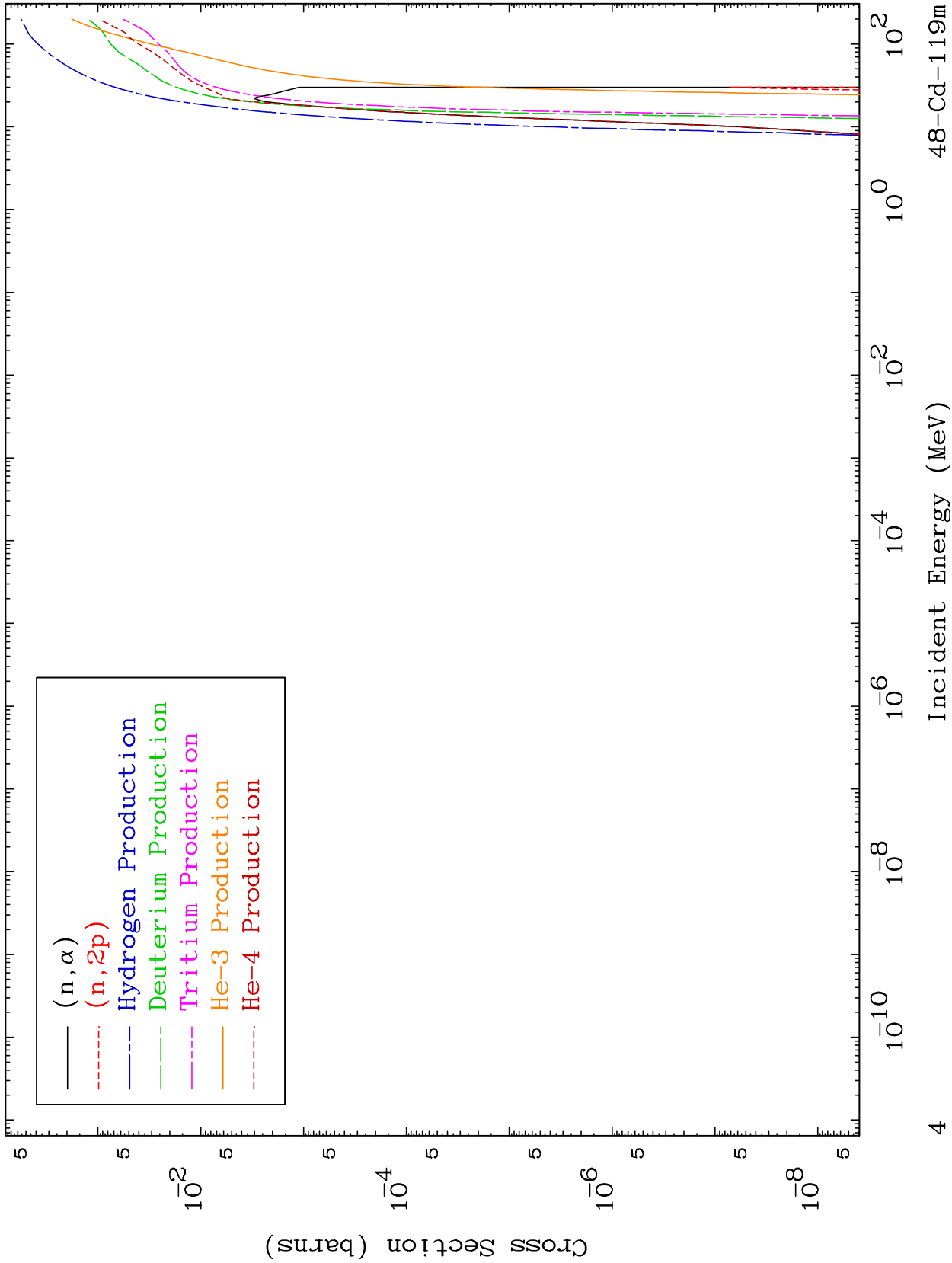
48-Cd-119m



MAT 4865

Neutron Absorption  
293 Kelvin Cross Sections

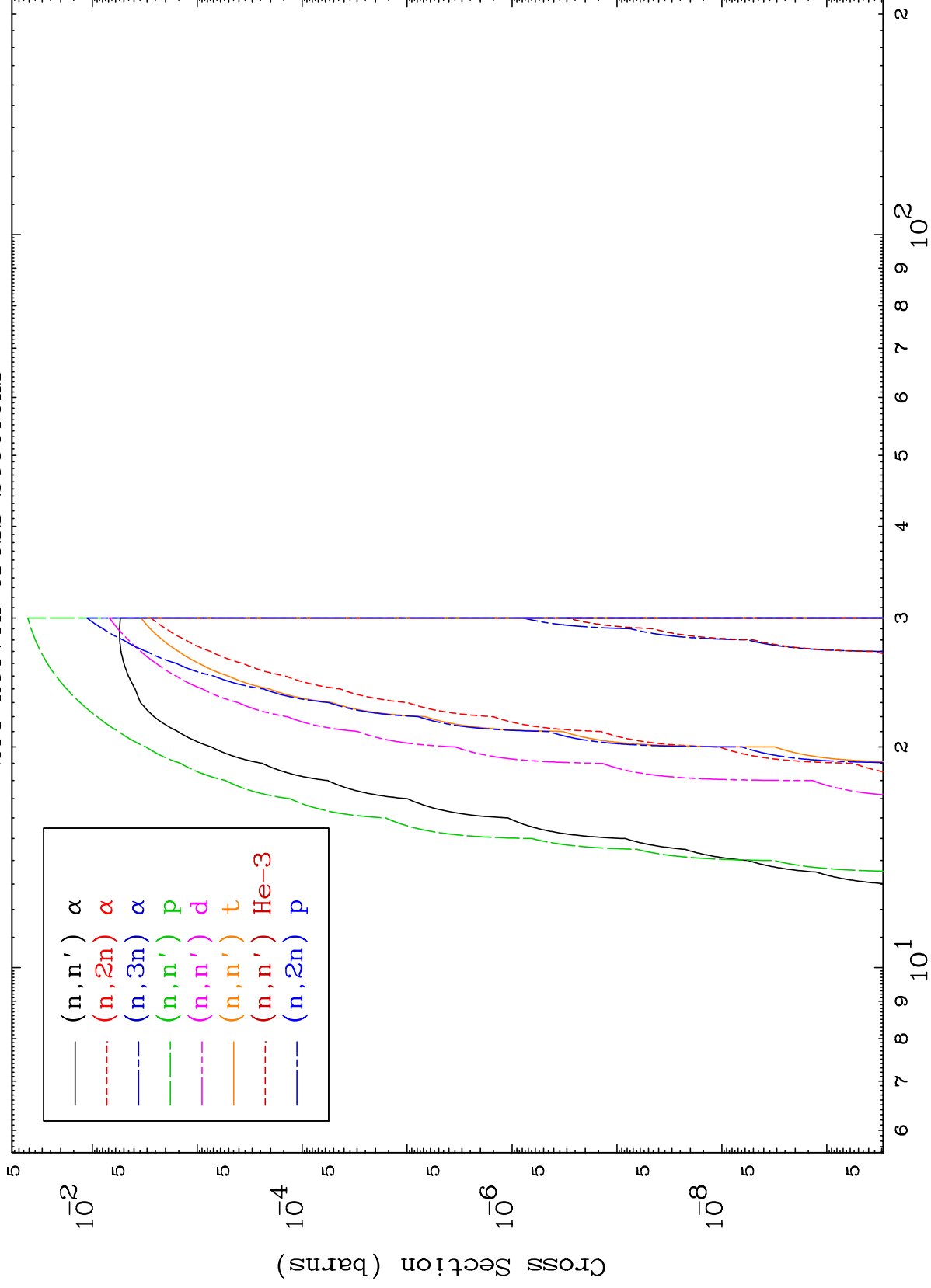
48-Cd-119m



MAT 4865

Charged Particle  
293 Kelvin Cross Sections

48-Cd-119m



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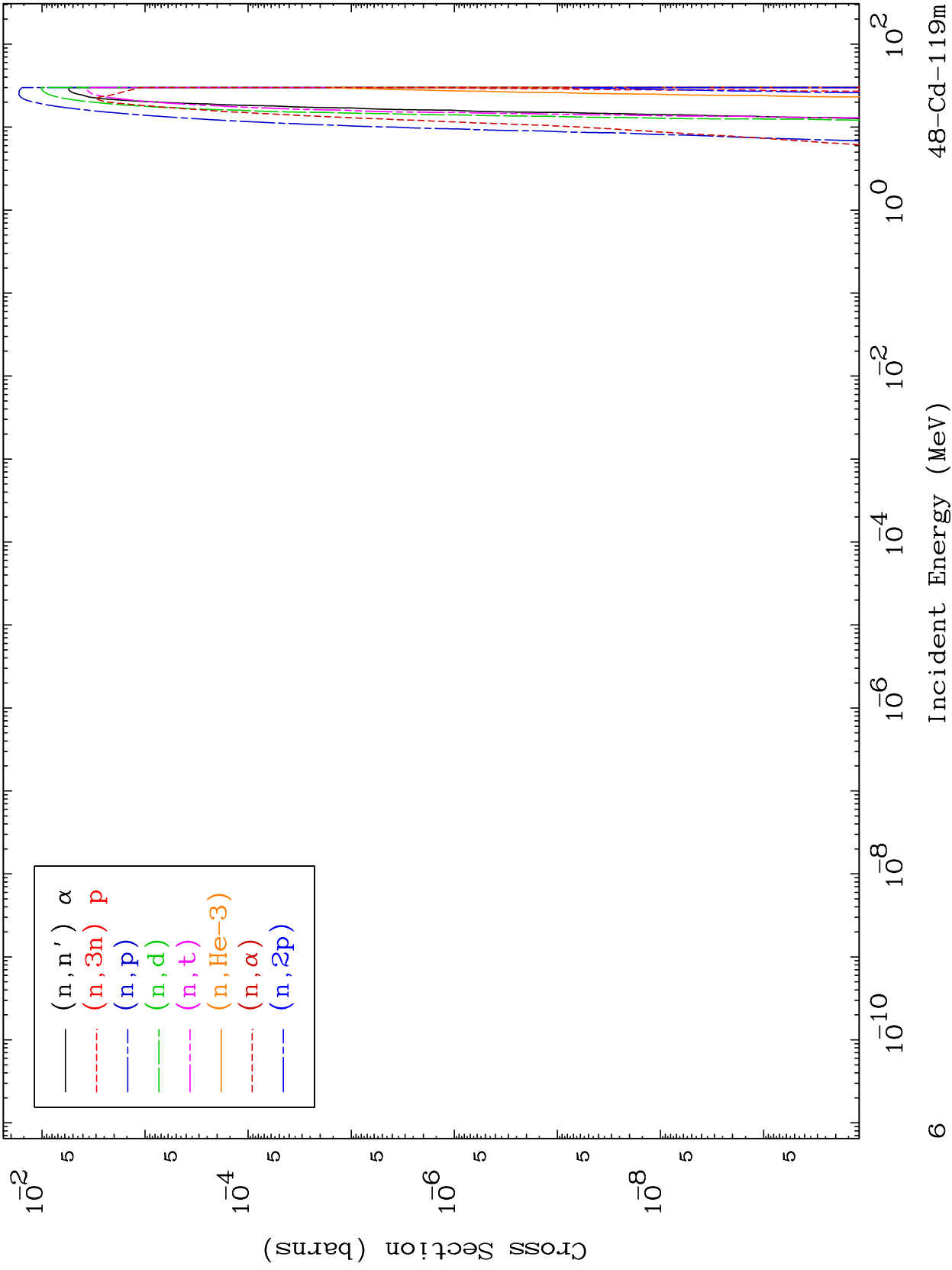
Incident Energy (MeV)

48-Cd-119m

MAT 4865

Charged Particle  
293 Kelvin Cross Sections

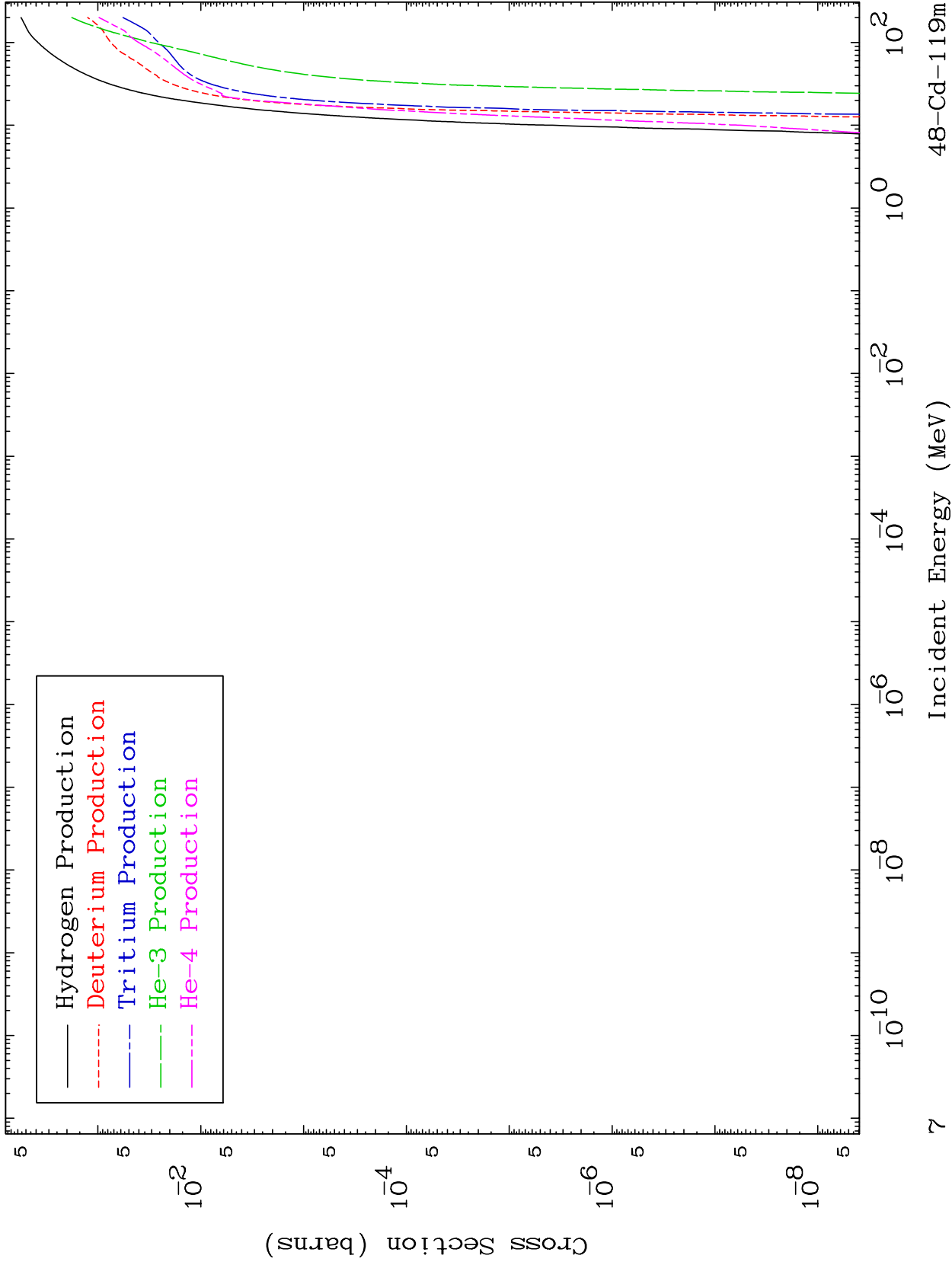
48-Cd-119m



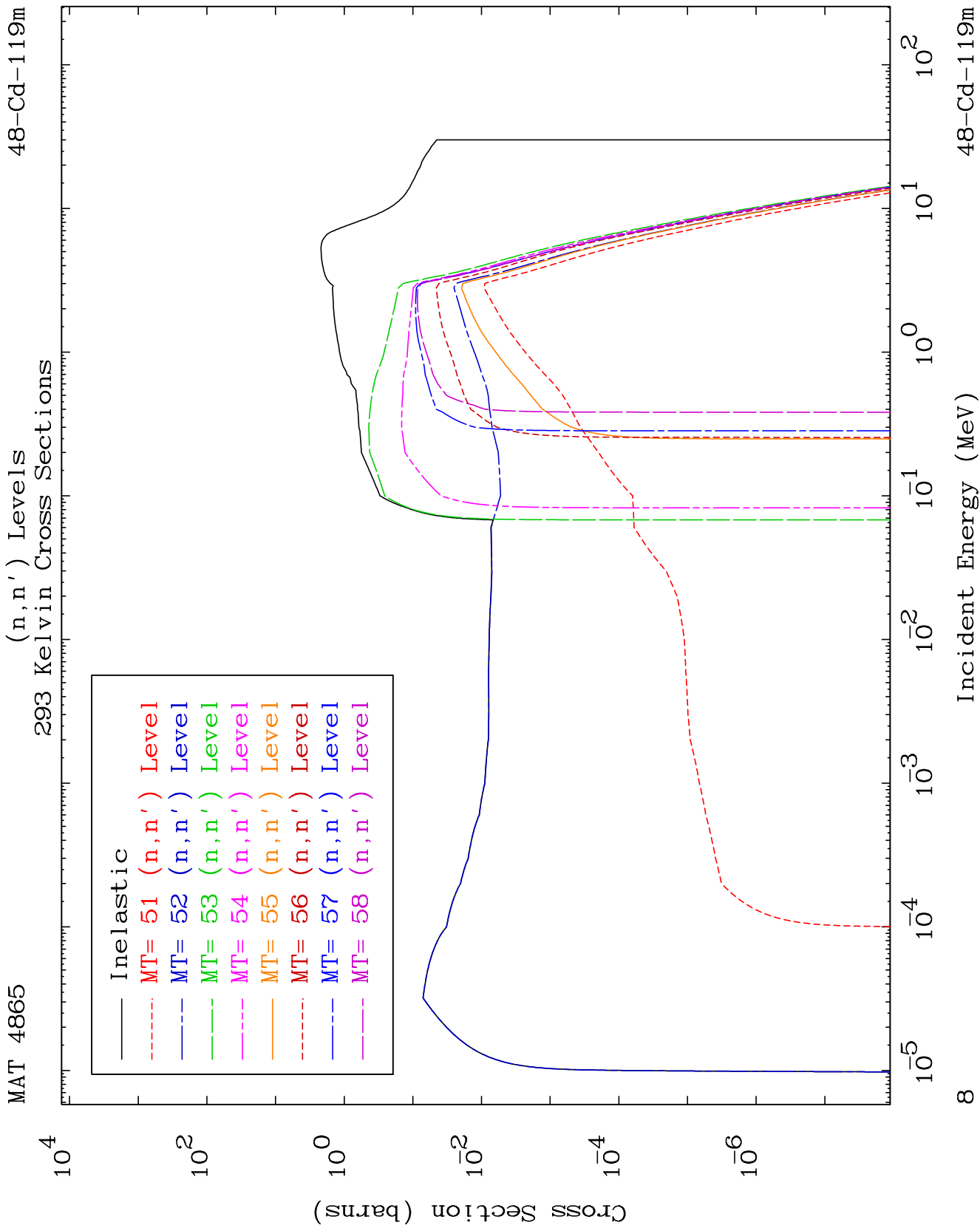
MAT 4865

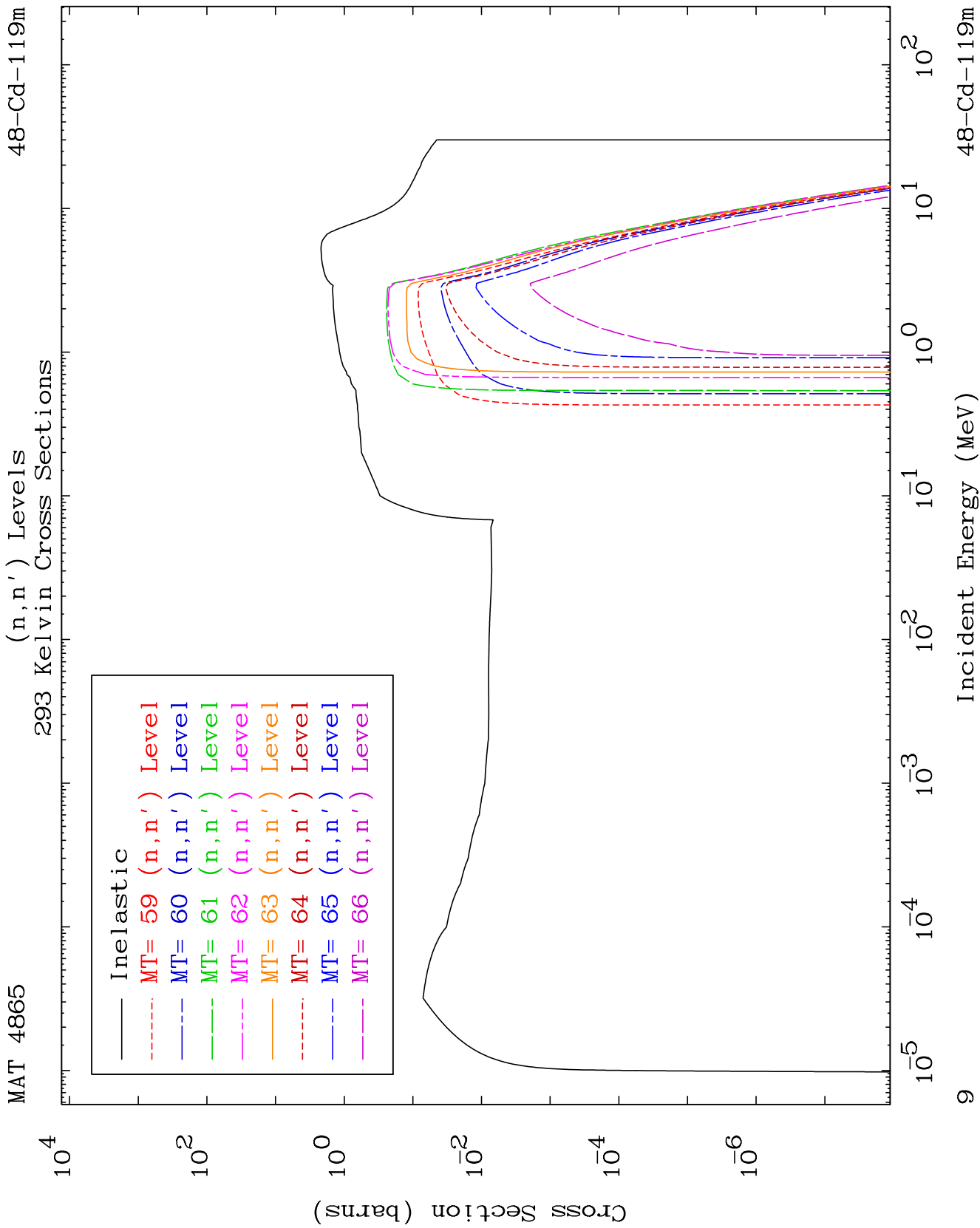
Particle Production  
293 Kelvin Cross Sections

48-Cd-119m





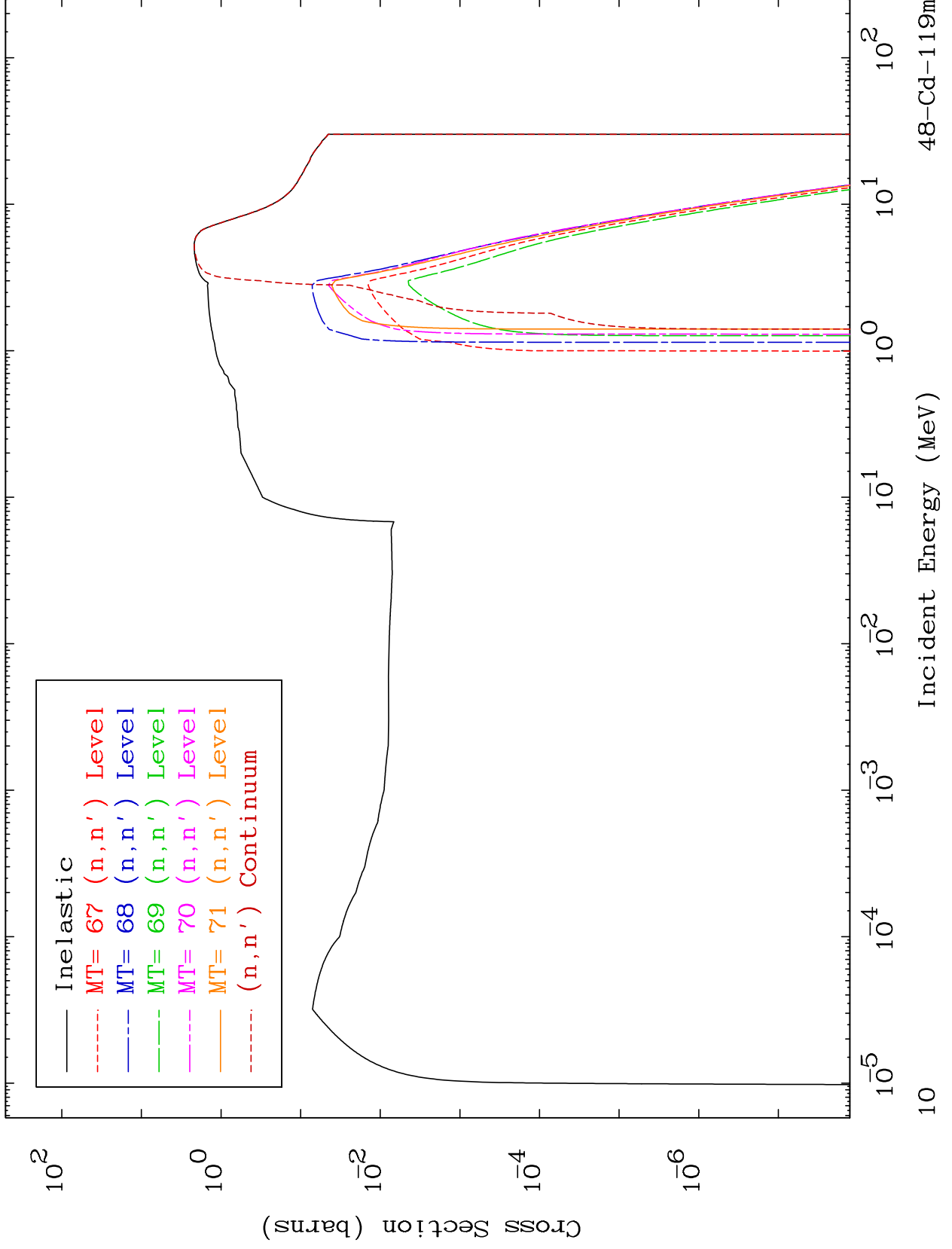




MAT 4865

(n,n') Levels  
293 Kelvin Cross Sections

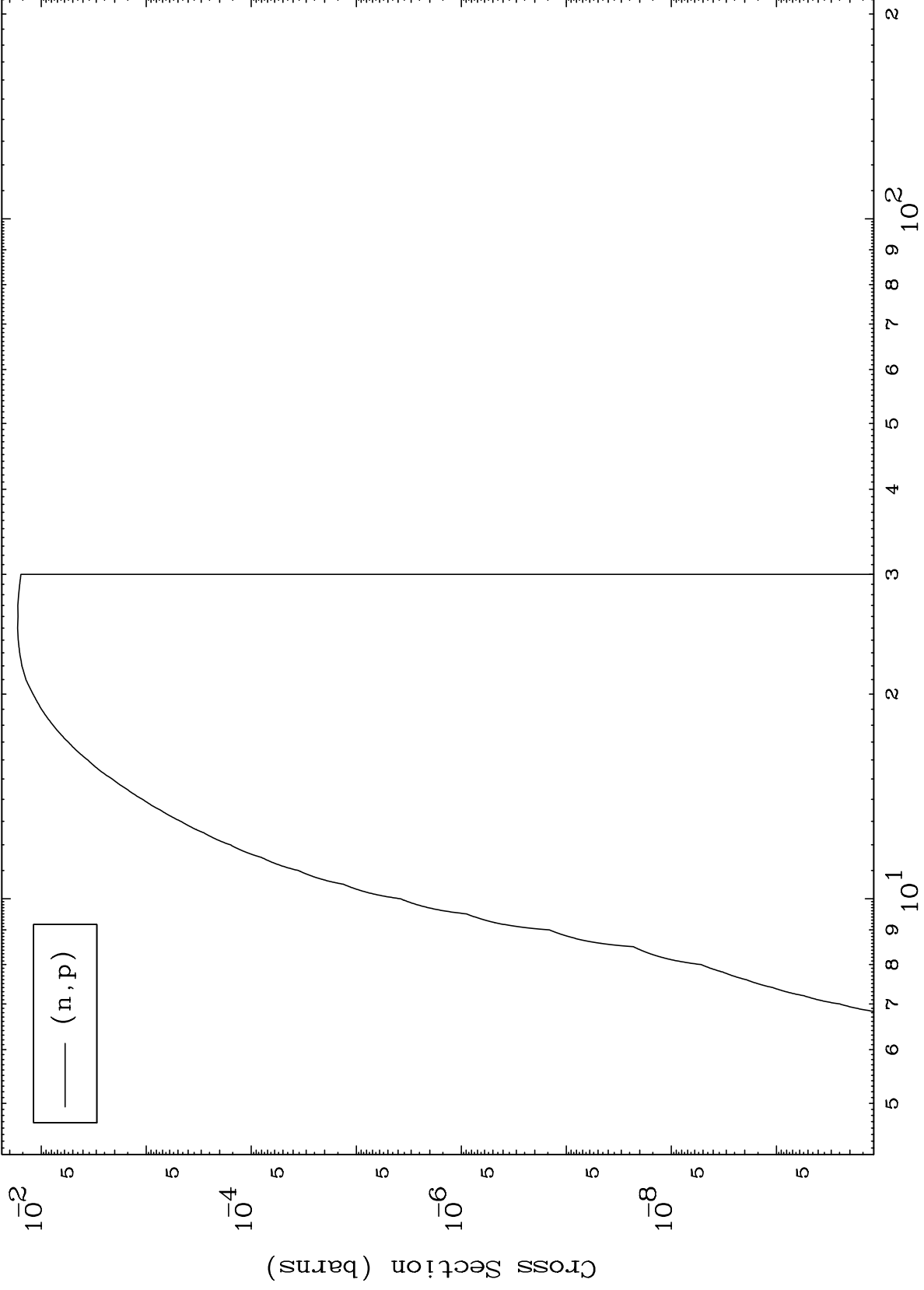
48-Cd-119m



MAT 4865

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-119m



11

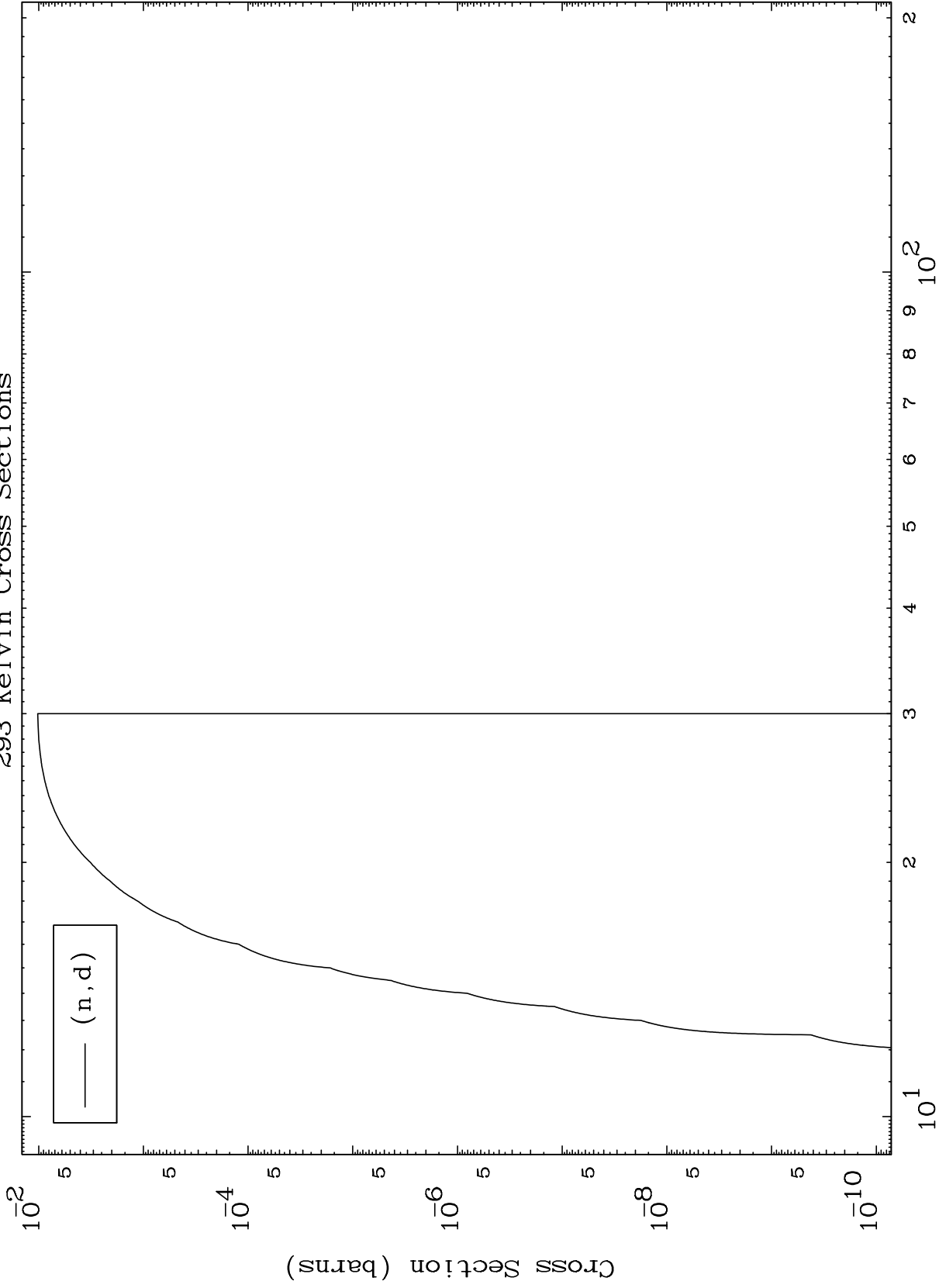
Incident Energy (MeV)

48-Cd-119m

MAT 4865

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-119m



Incident Energy (MeV)

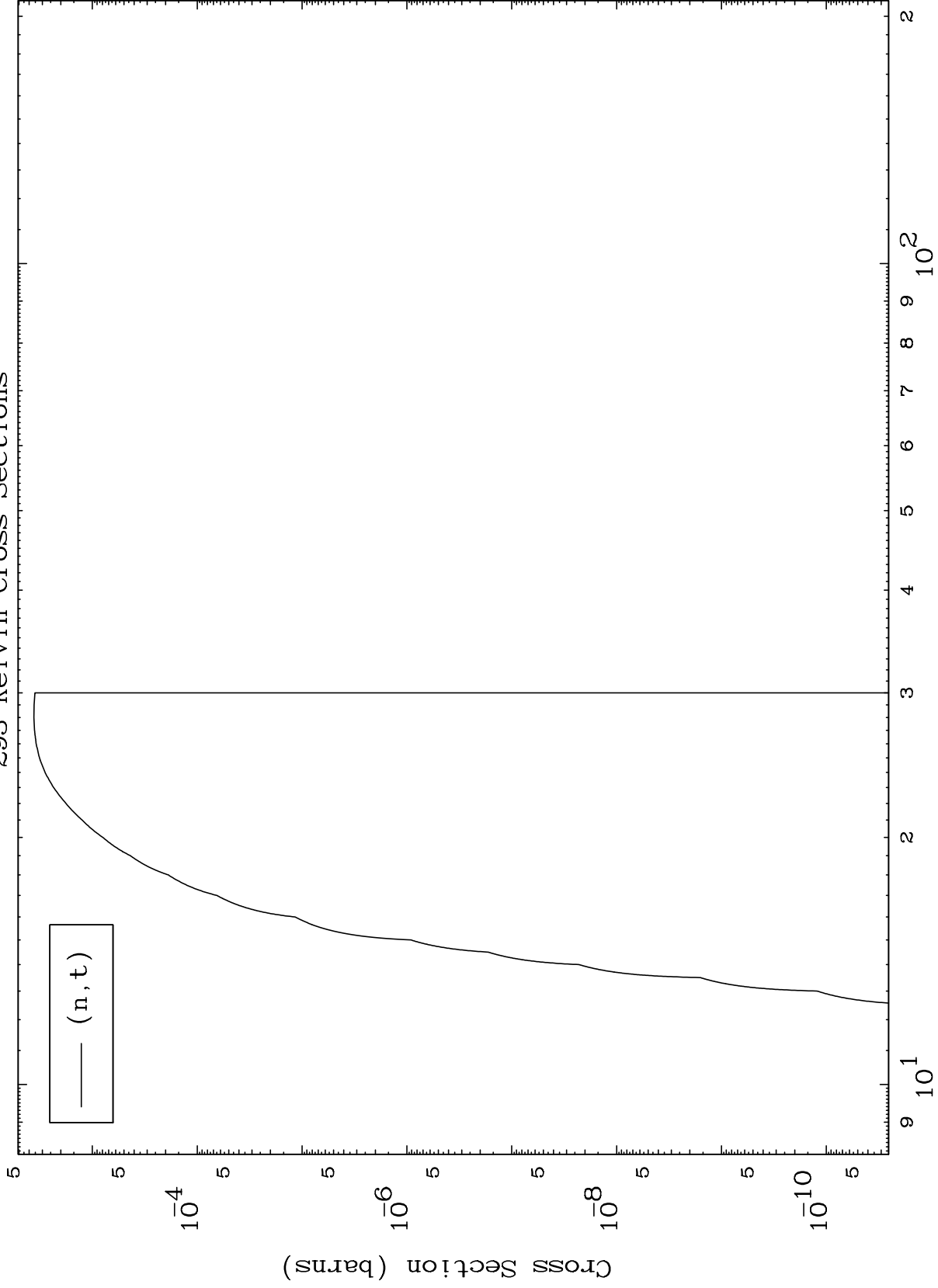
48-Cd-119m

12

MAT 4865

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-119m



13

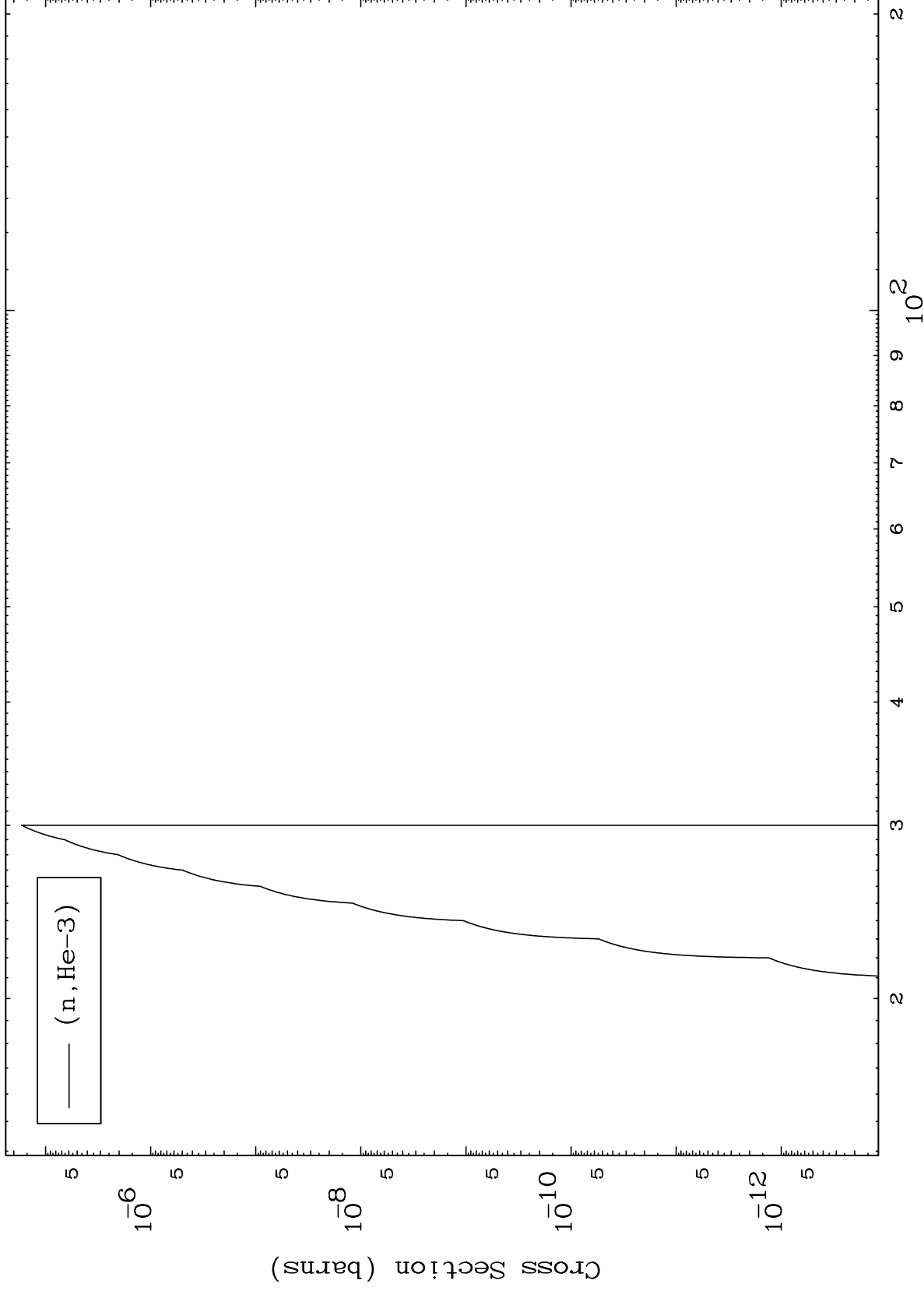
Incident Energy (MeV)

48-Cd-119m

MAT 4865

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-119m



14

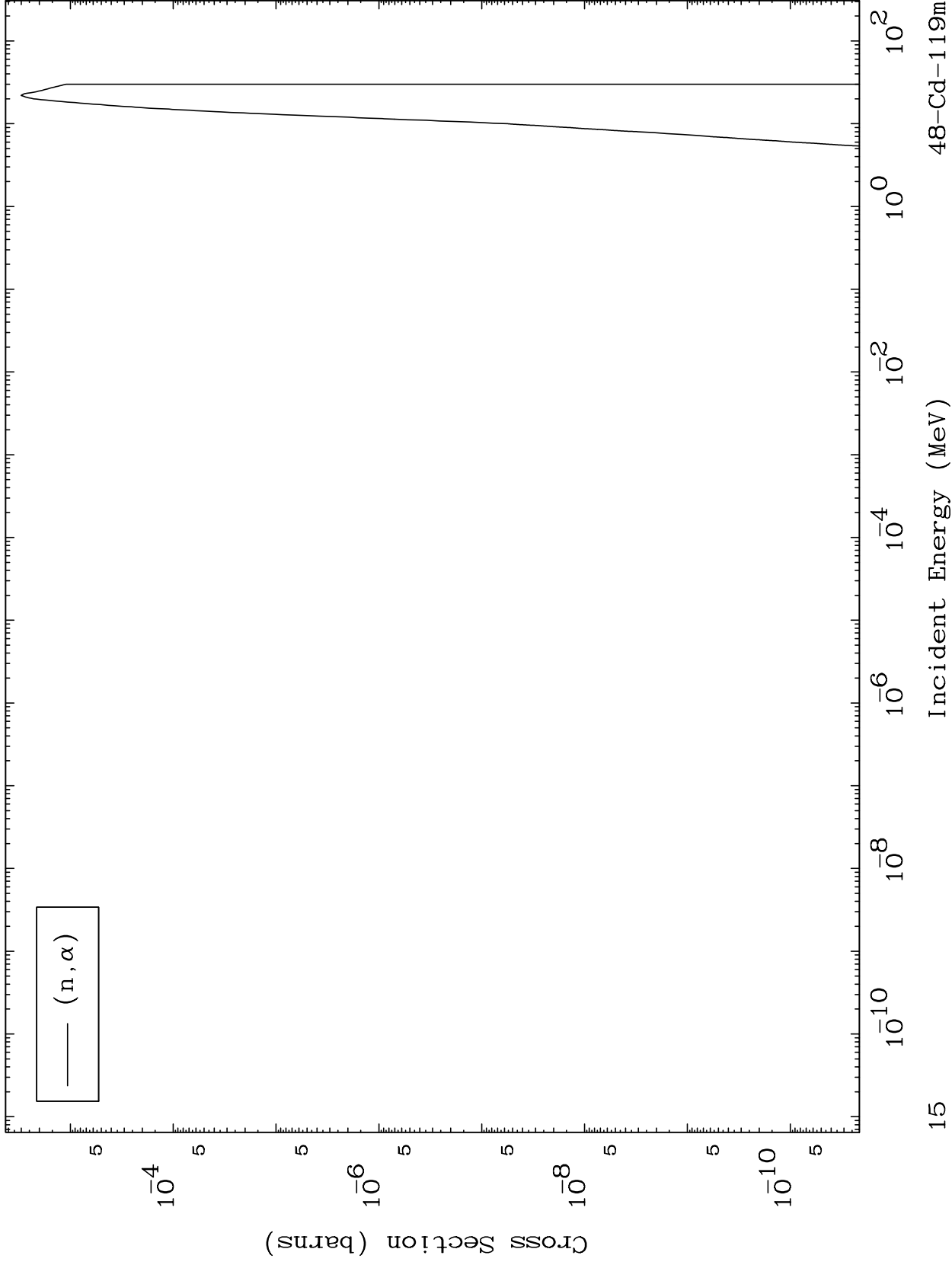
Incident Energy (MeV)

48-Cd-119m

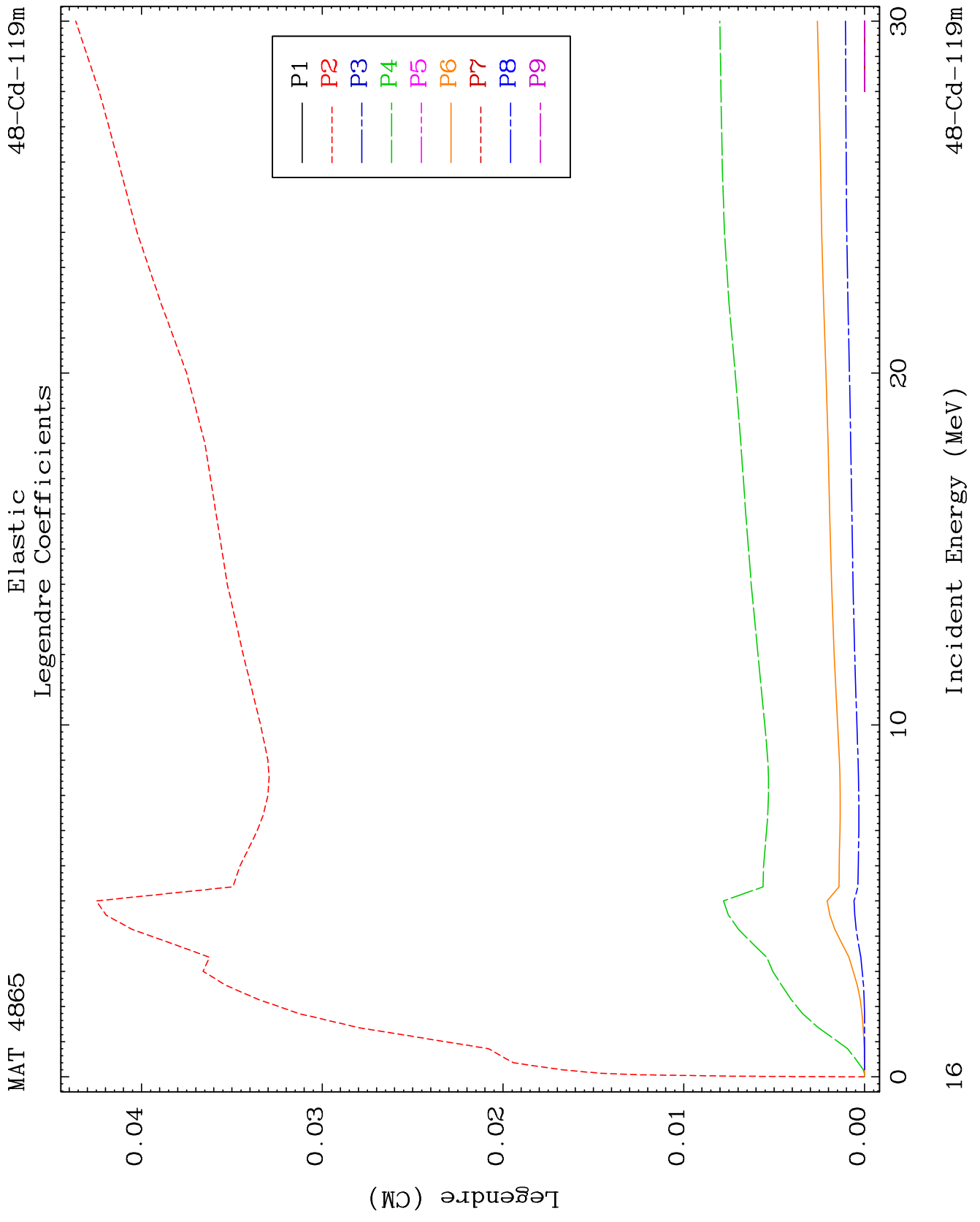
MAT 4865

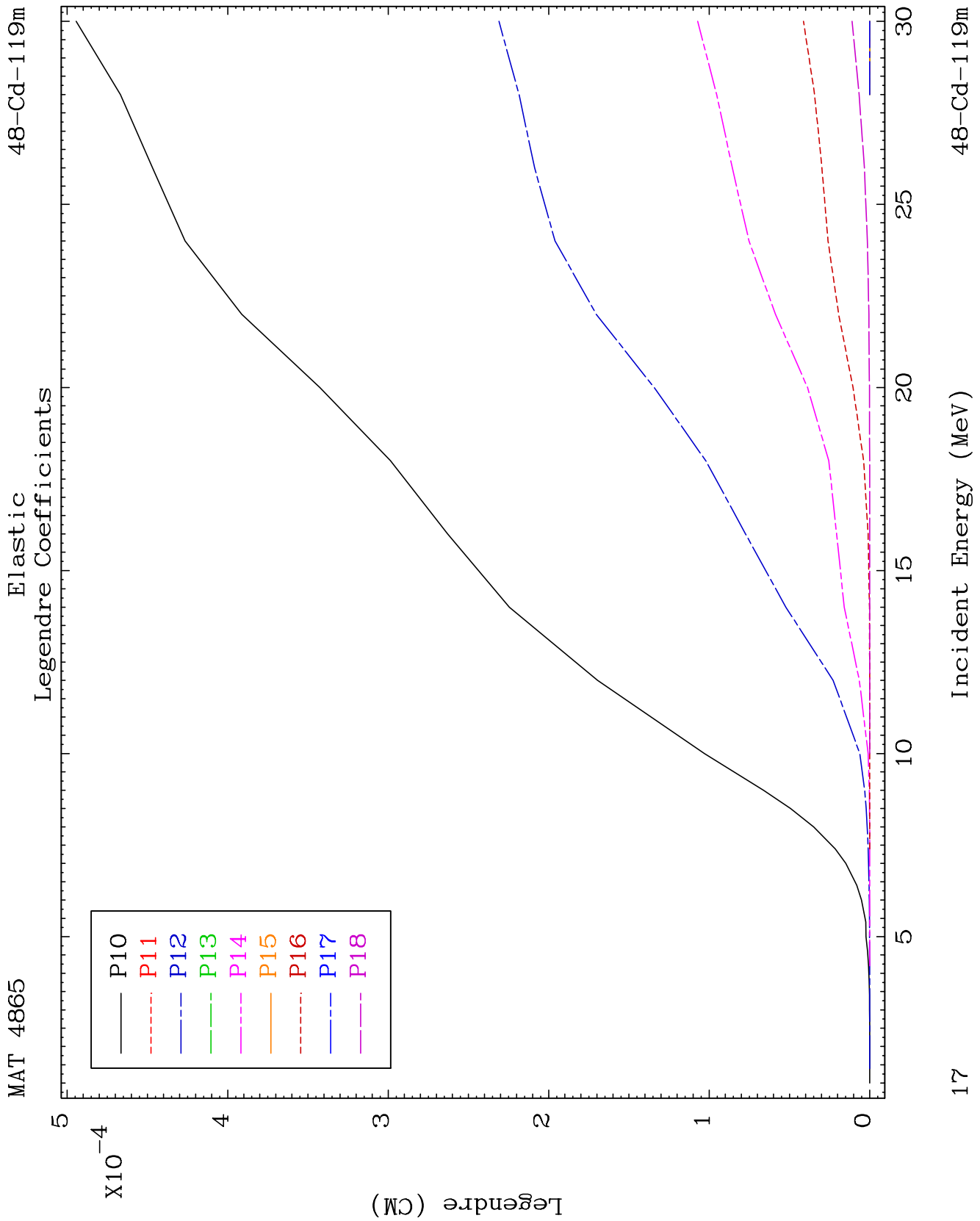
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

48-Cd-119m







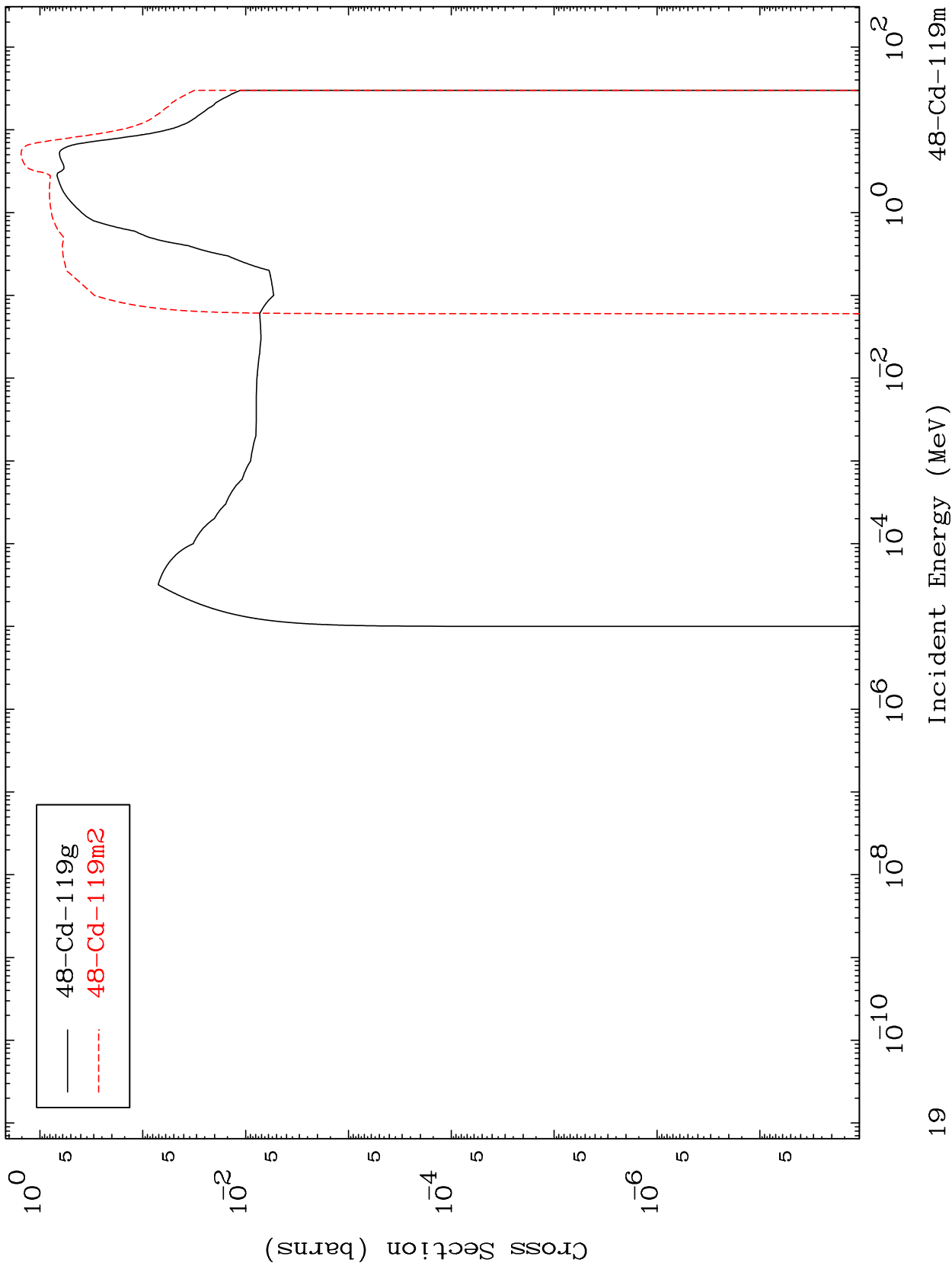




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48-Cd-119m

Inelastic  
Radionuclide Production Cross Section

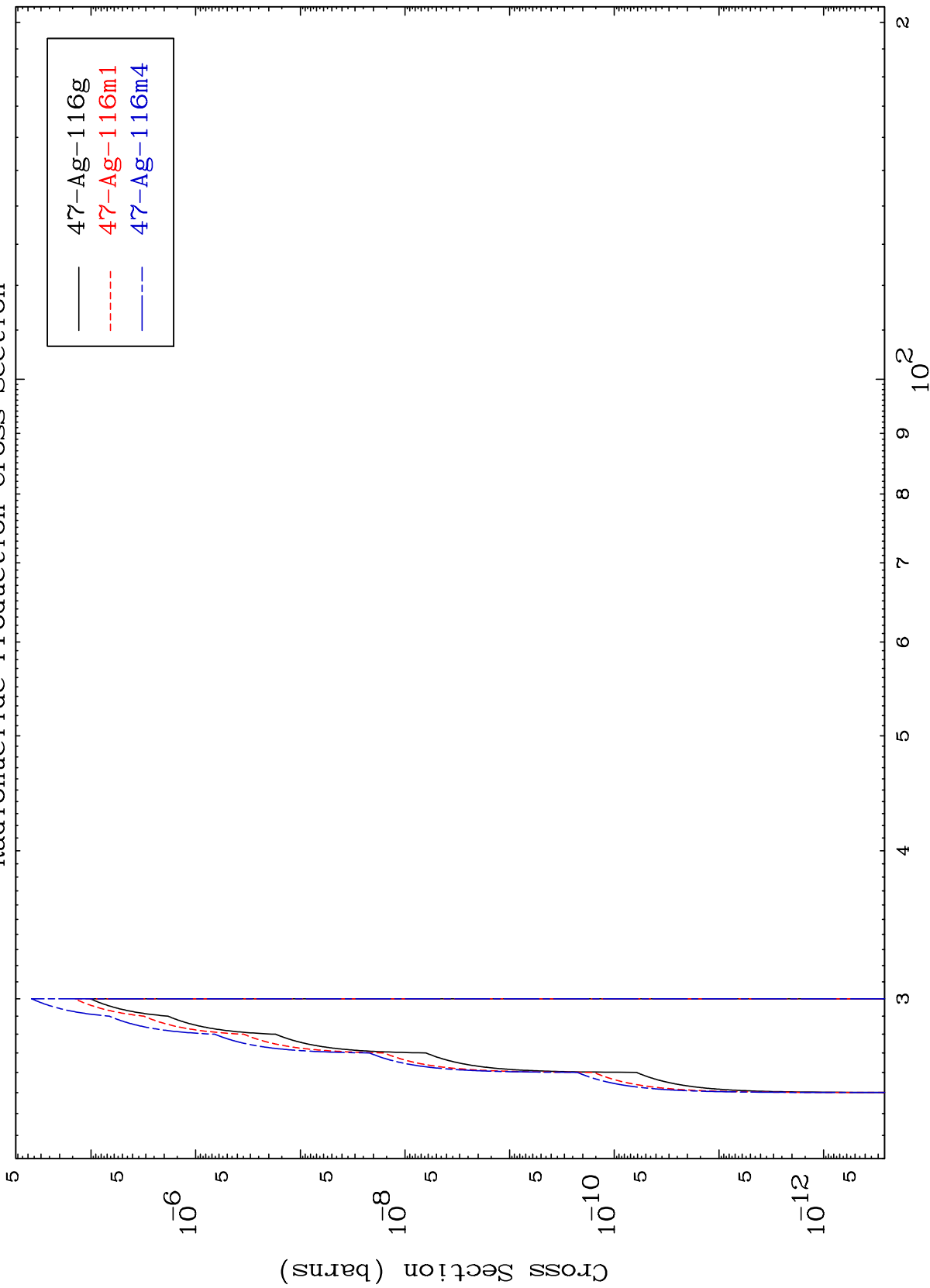


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(n,2n) d

48-Cd-119m

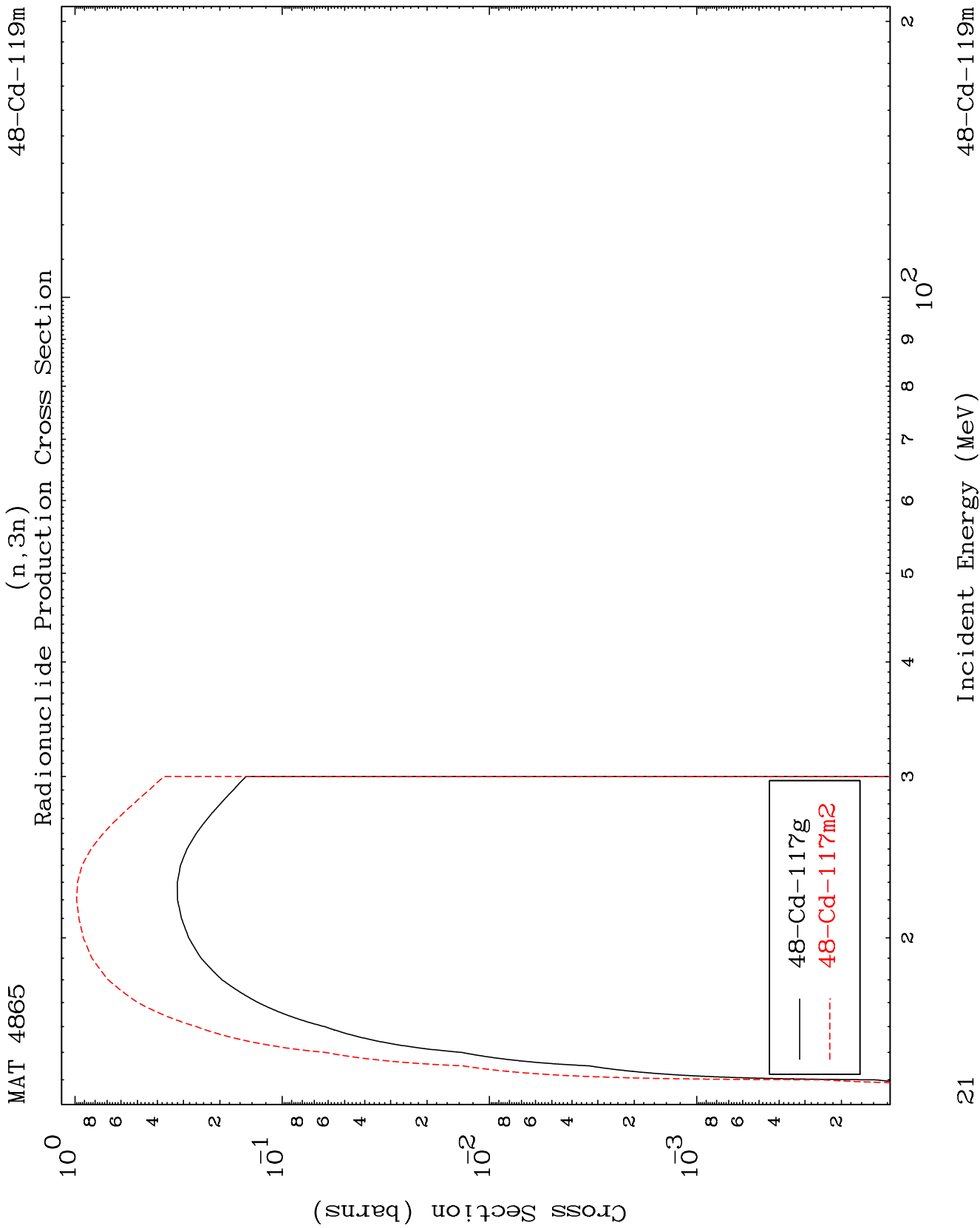
Radionuclide Production Cross Section



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Incident Energy (MeV)

48-Cd-119m

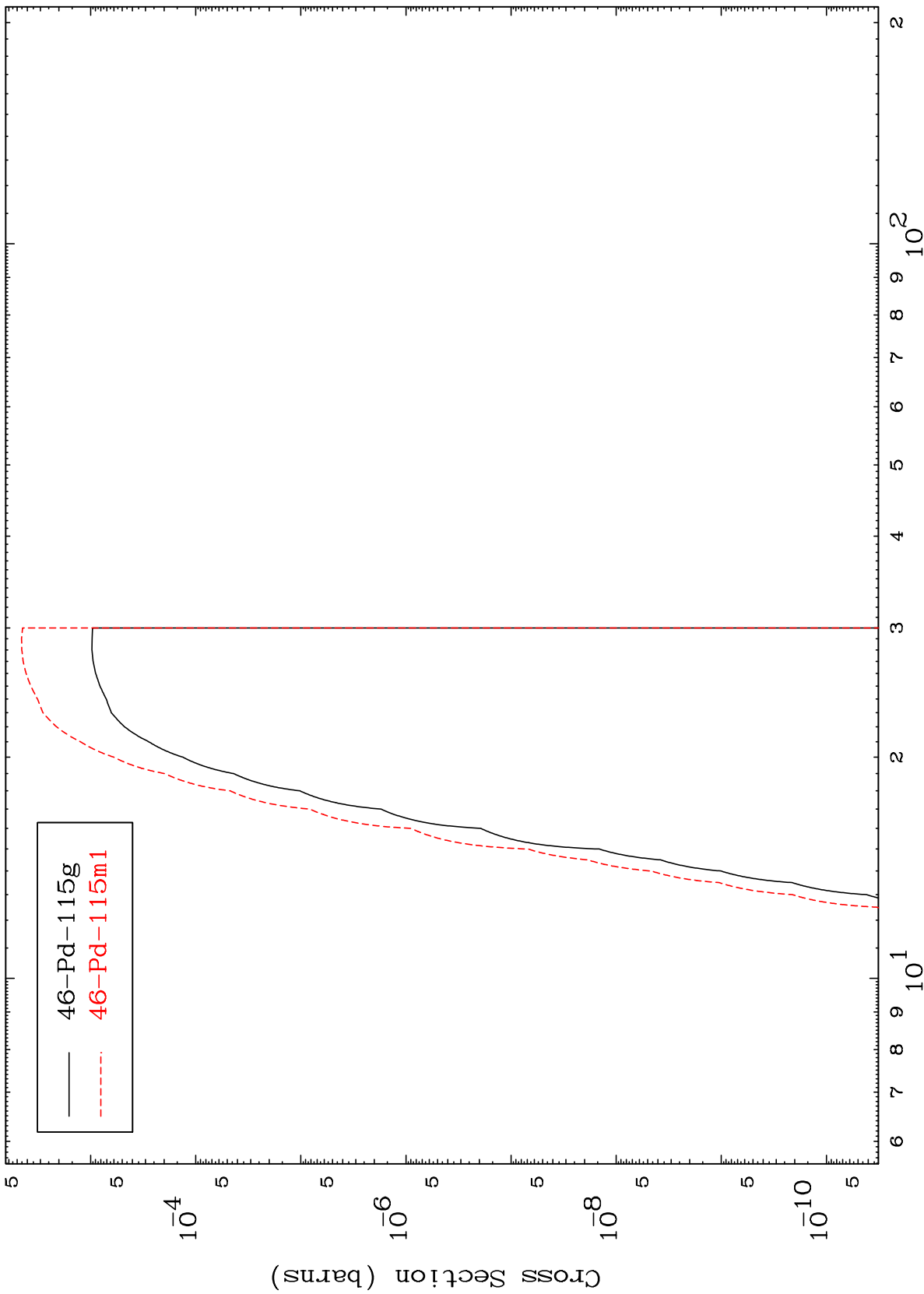


MAT 4865

(n,n')  $\alpha$

48-Cd-119m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

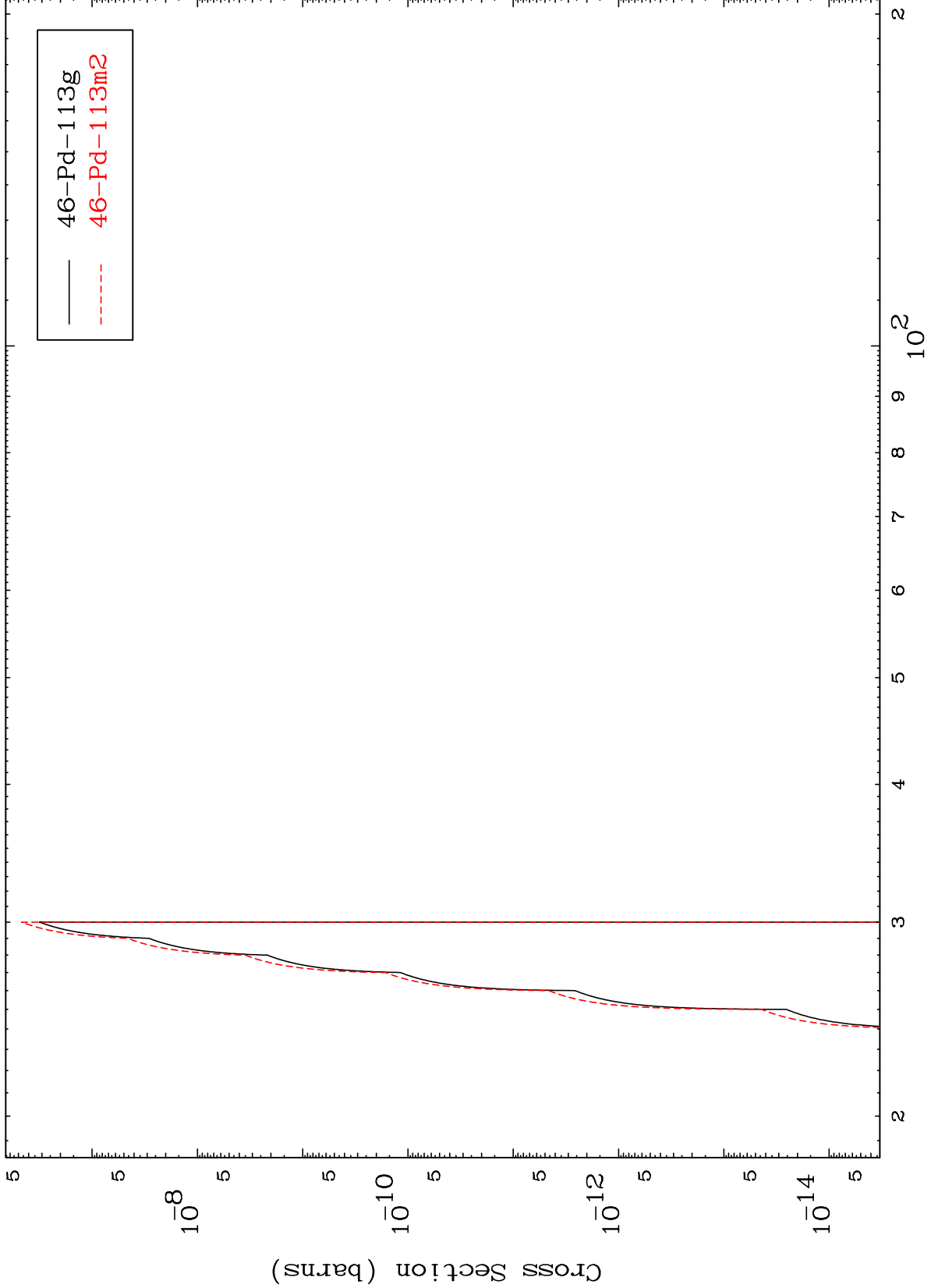
48-Cd-119m

MAT 4865

(n,3n)  $\alpha$

48-Cd-119m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

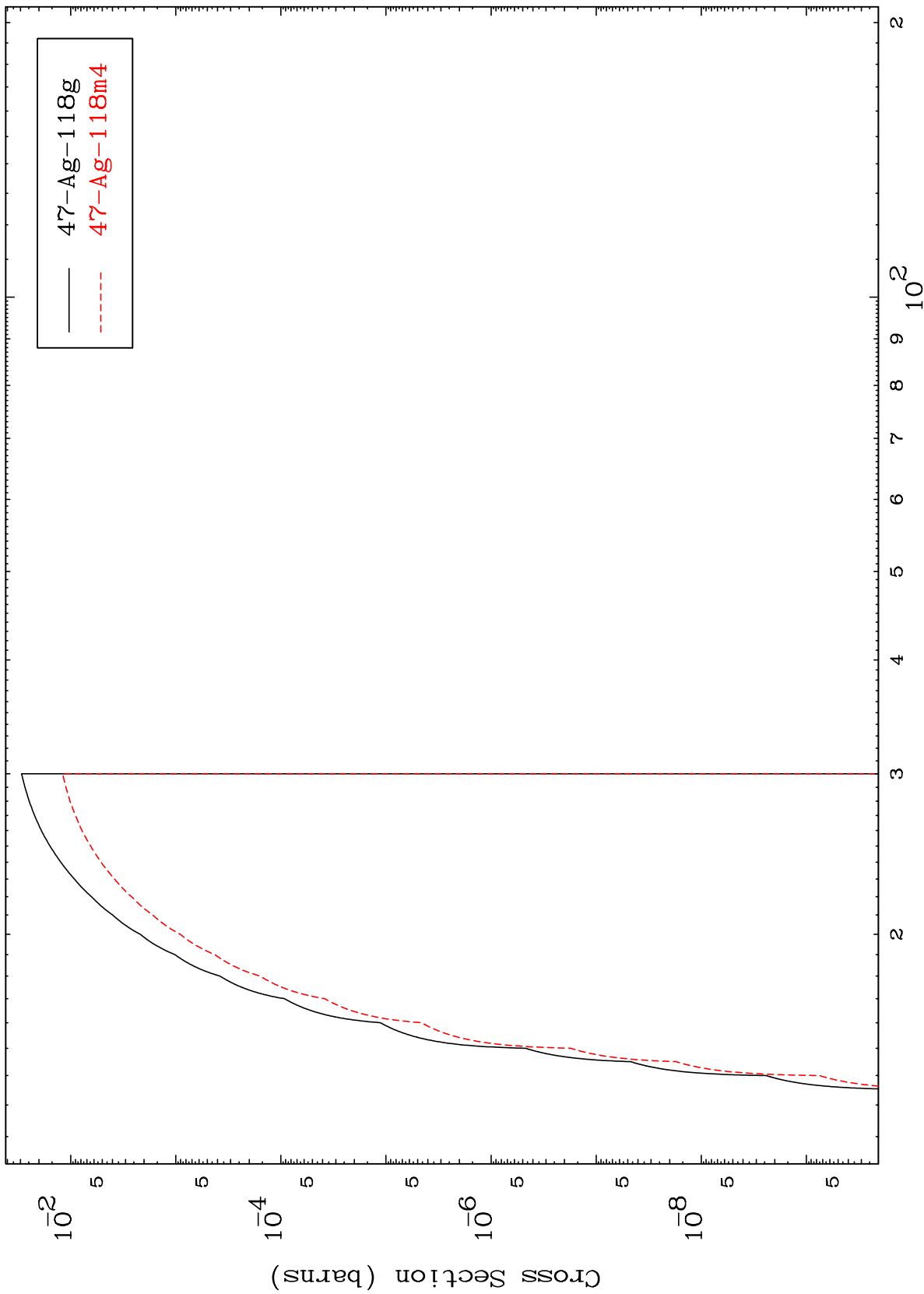
48-Cd-119m



MAT 4865

48-Cd-119m

(n,n') p  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

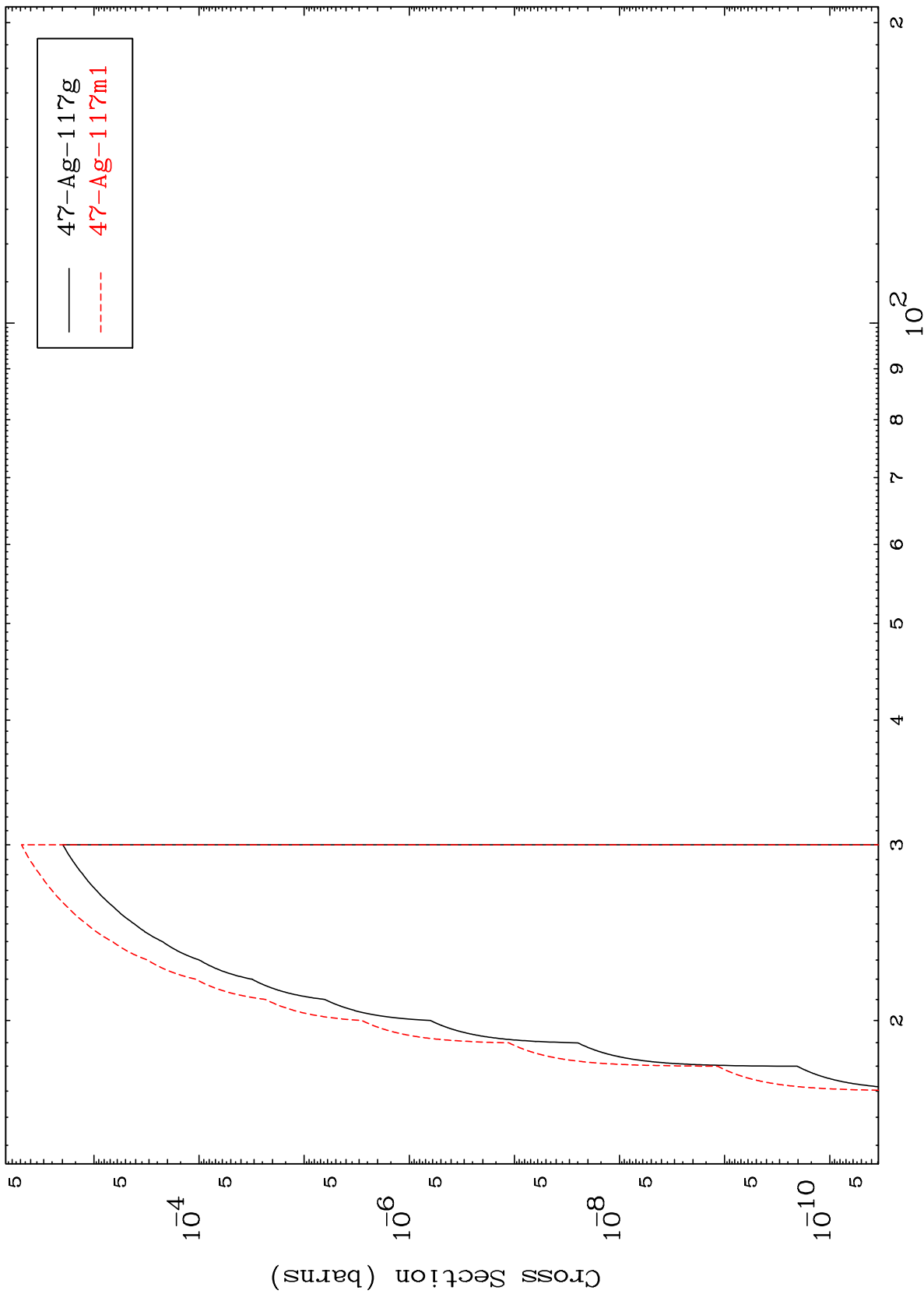
48-Cd-119m

MAT 4865

(n,n') d

48-Cd-119m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

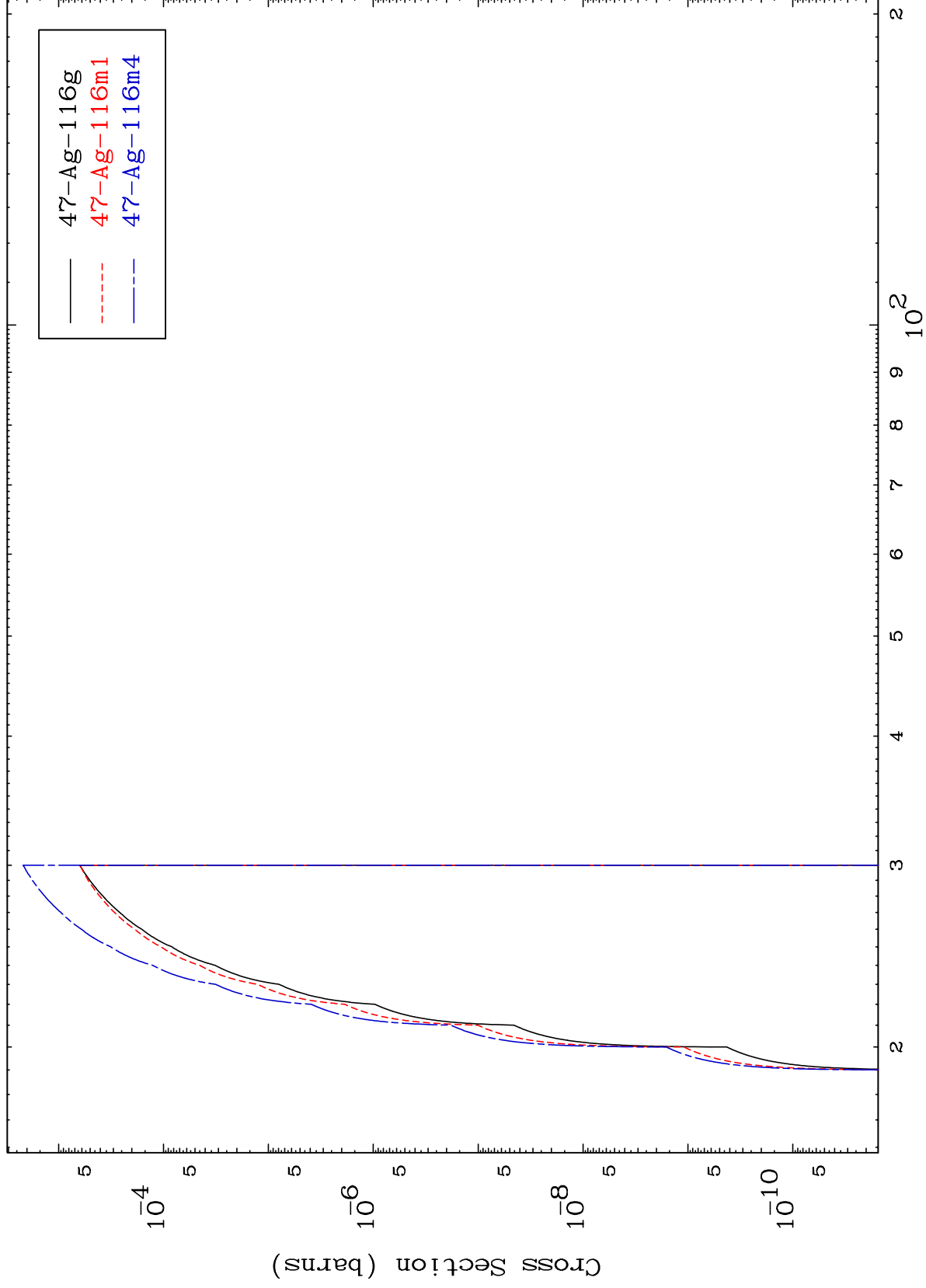
48-Cd-119m

MAT 4865

(n,n') t

48-Cd-119m

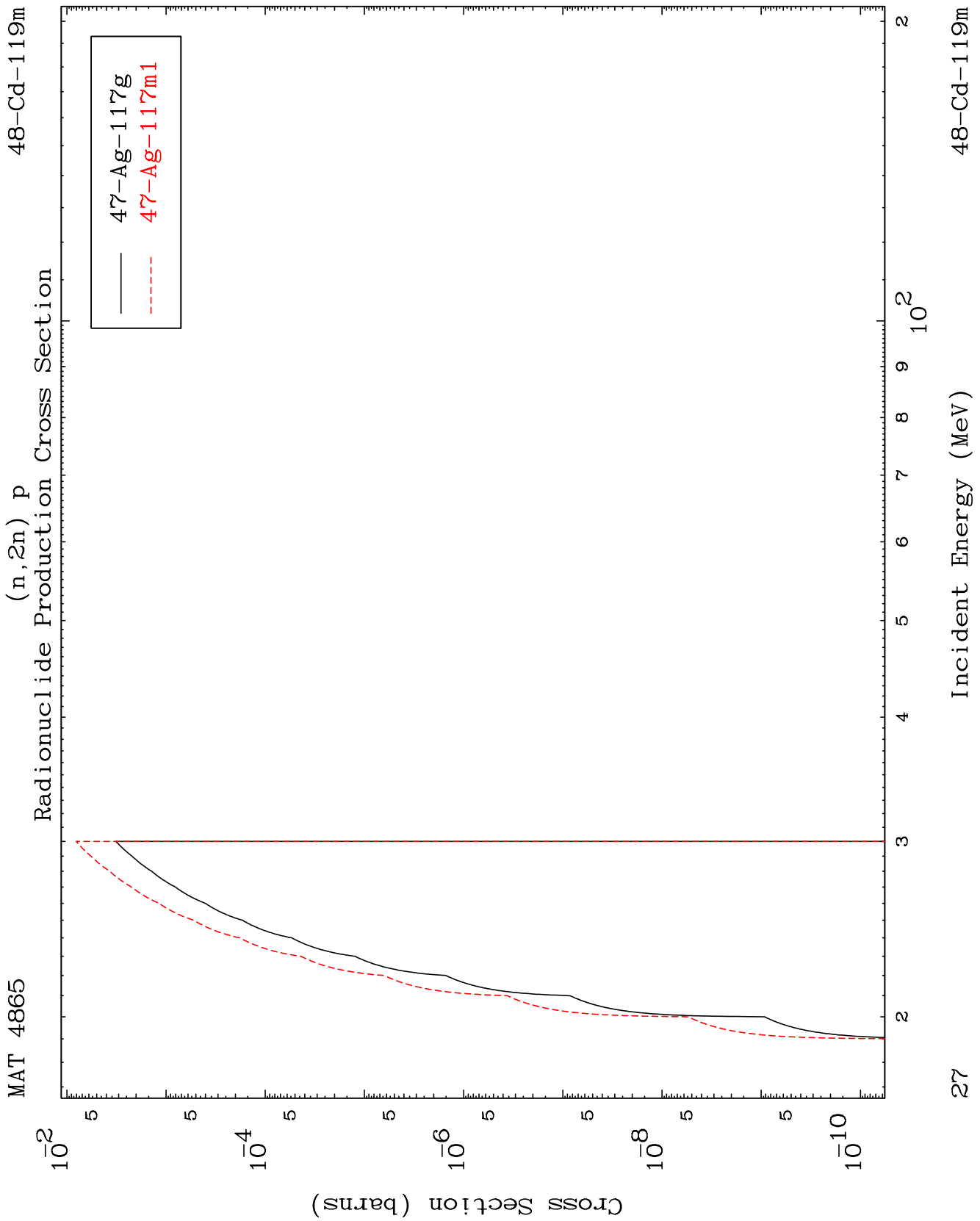
Radionuclide Production Cross Section



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Incident Energy (MeV)

48-Cd-119m

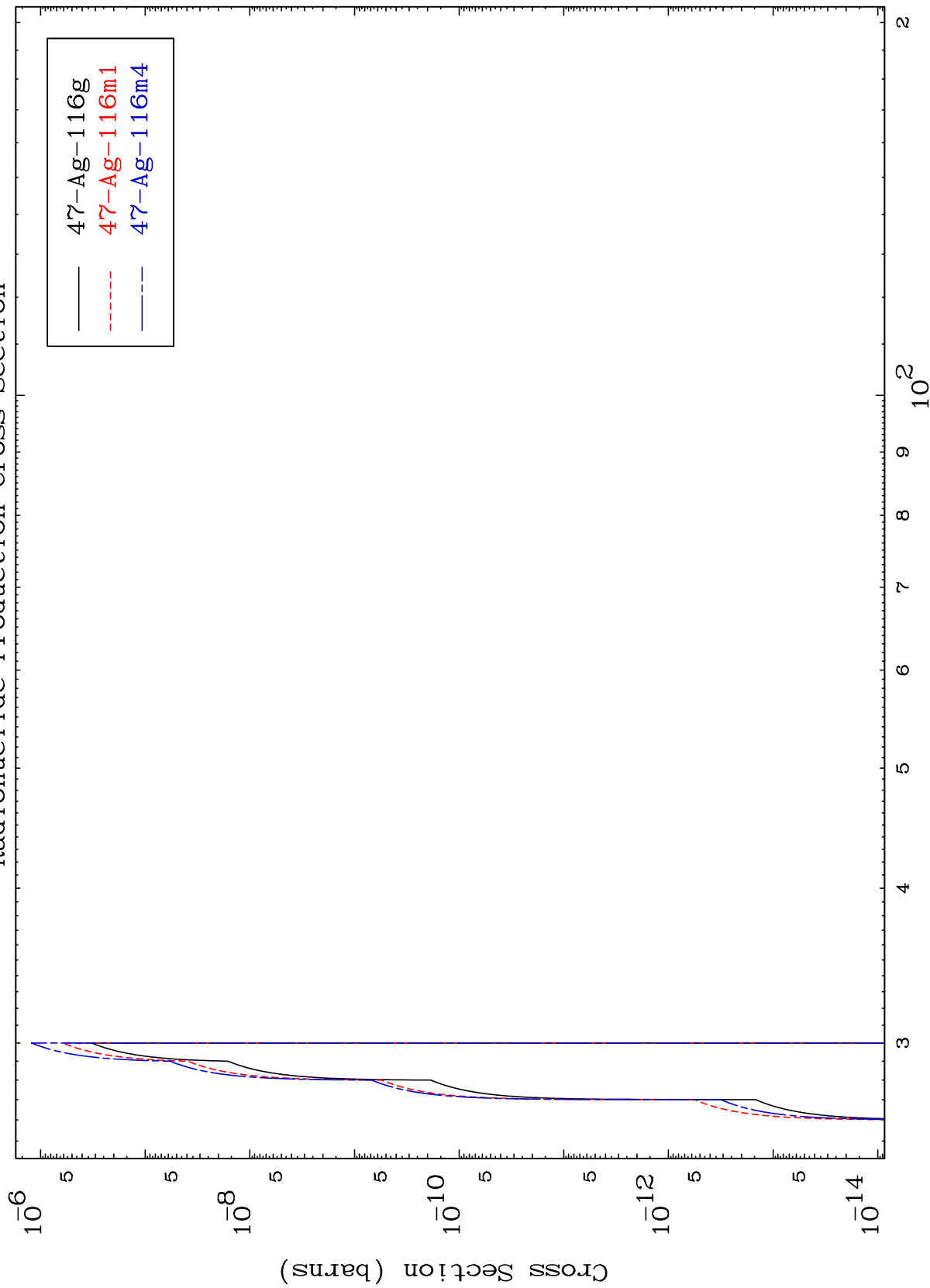


MAT 4865

48-Cd-119m

(n,3n) p

Radionuclide Production Cross Section



28

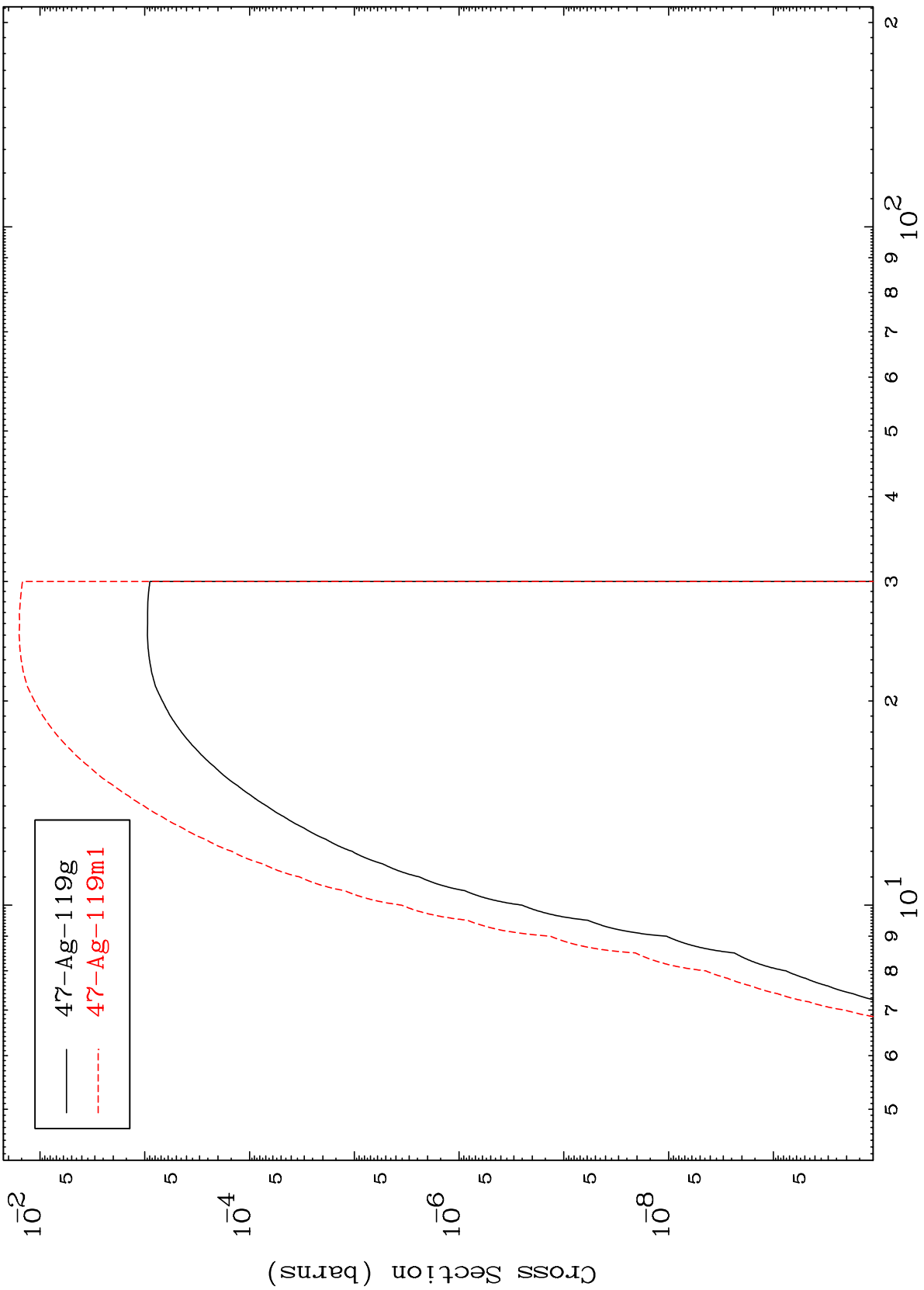
Incident Energy (MeV)

48-Cd-119m

MAT 4865

48-Cd-119m

Radionuclide Production Cross Section (n,p)

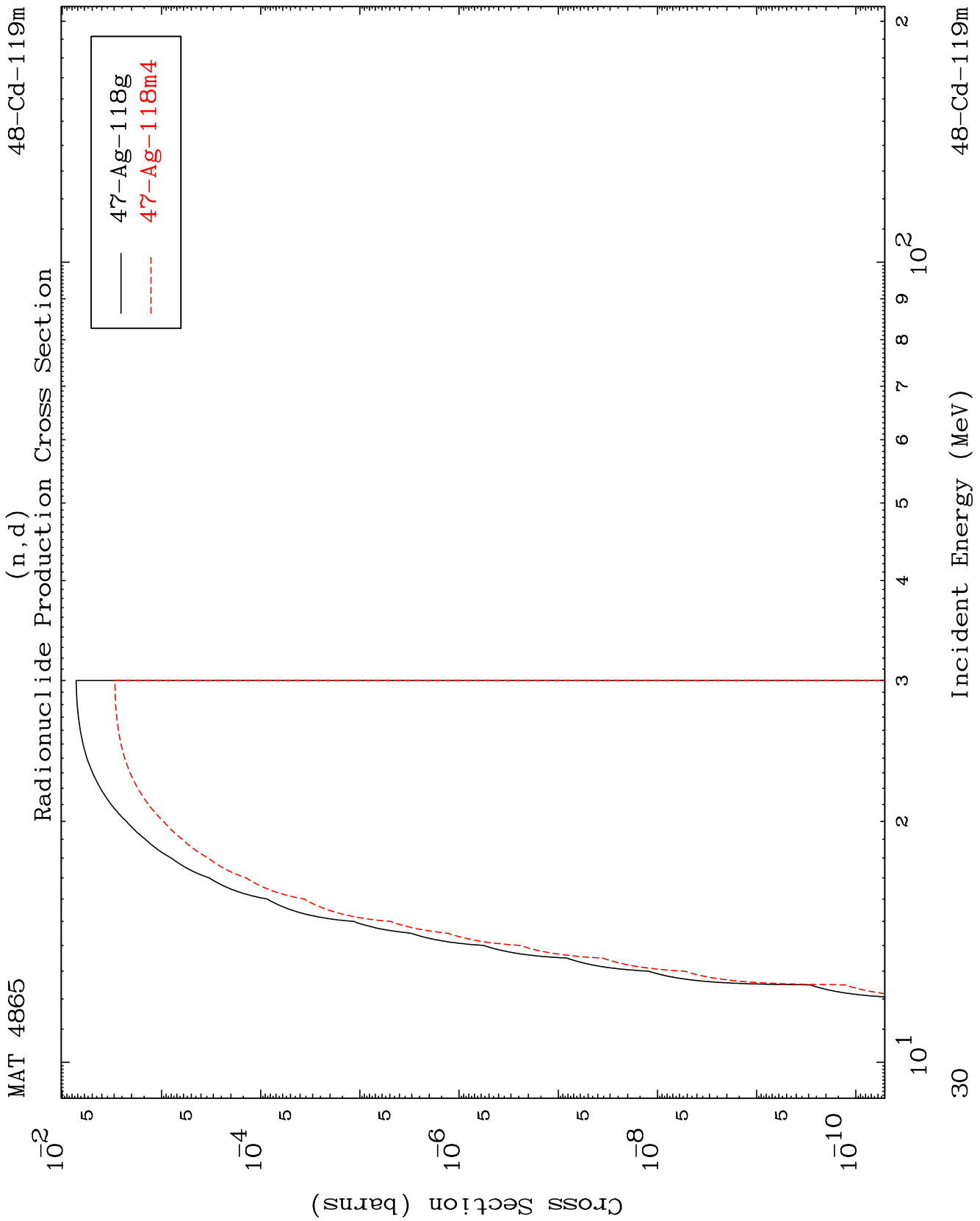


Legend:  
— 47-Ag-119g  
- - - 47-Ag-119m1

48-Cd-119m

Incident Energy (MeV)

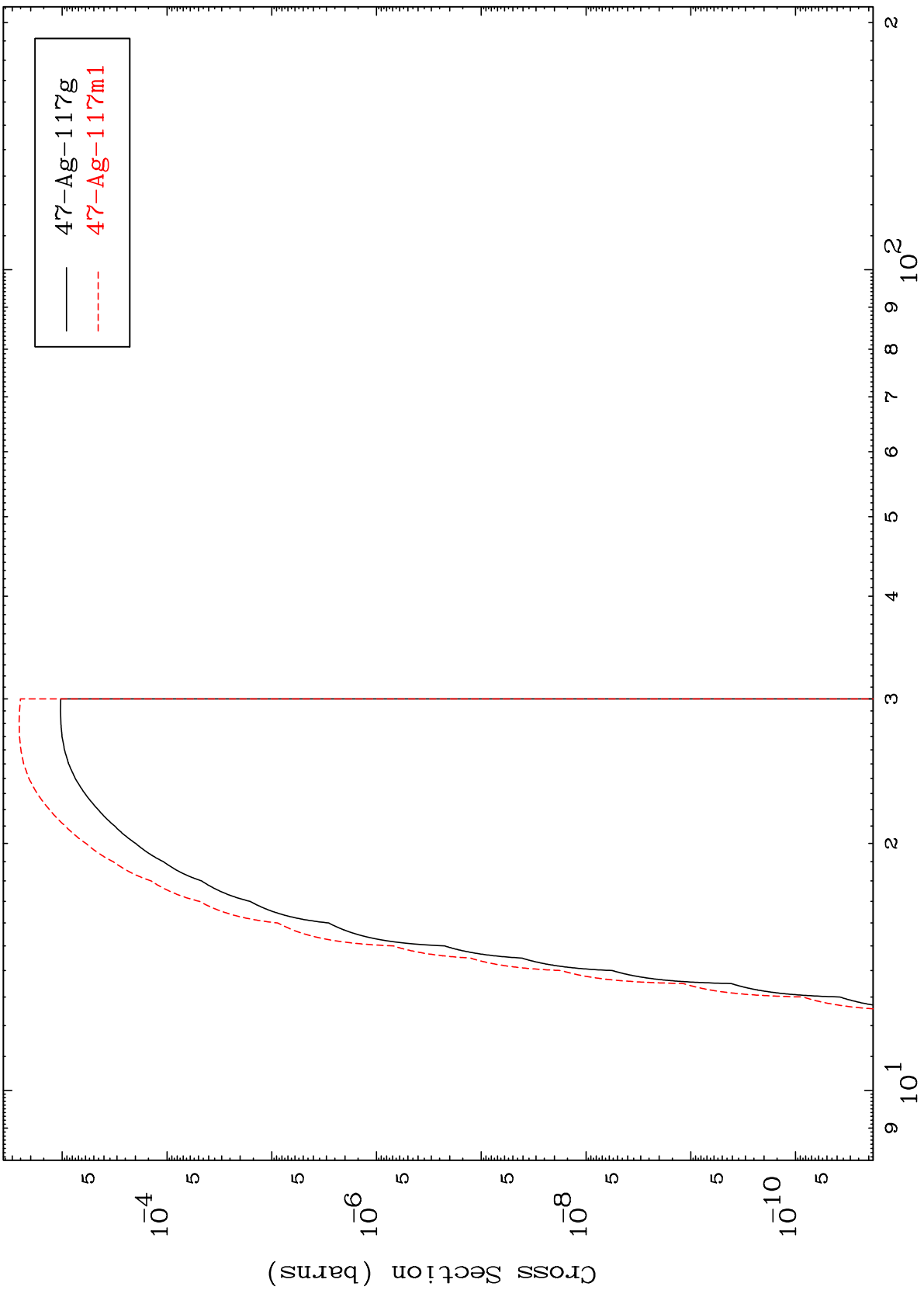
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48-Cd-119m

(n,t)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

48-Cd-119m