

Program EVALPLOT  
(Version 2021-1)

by

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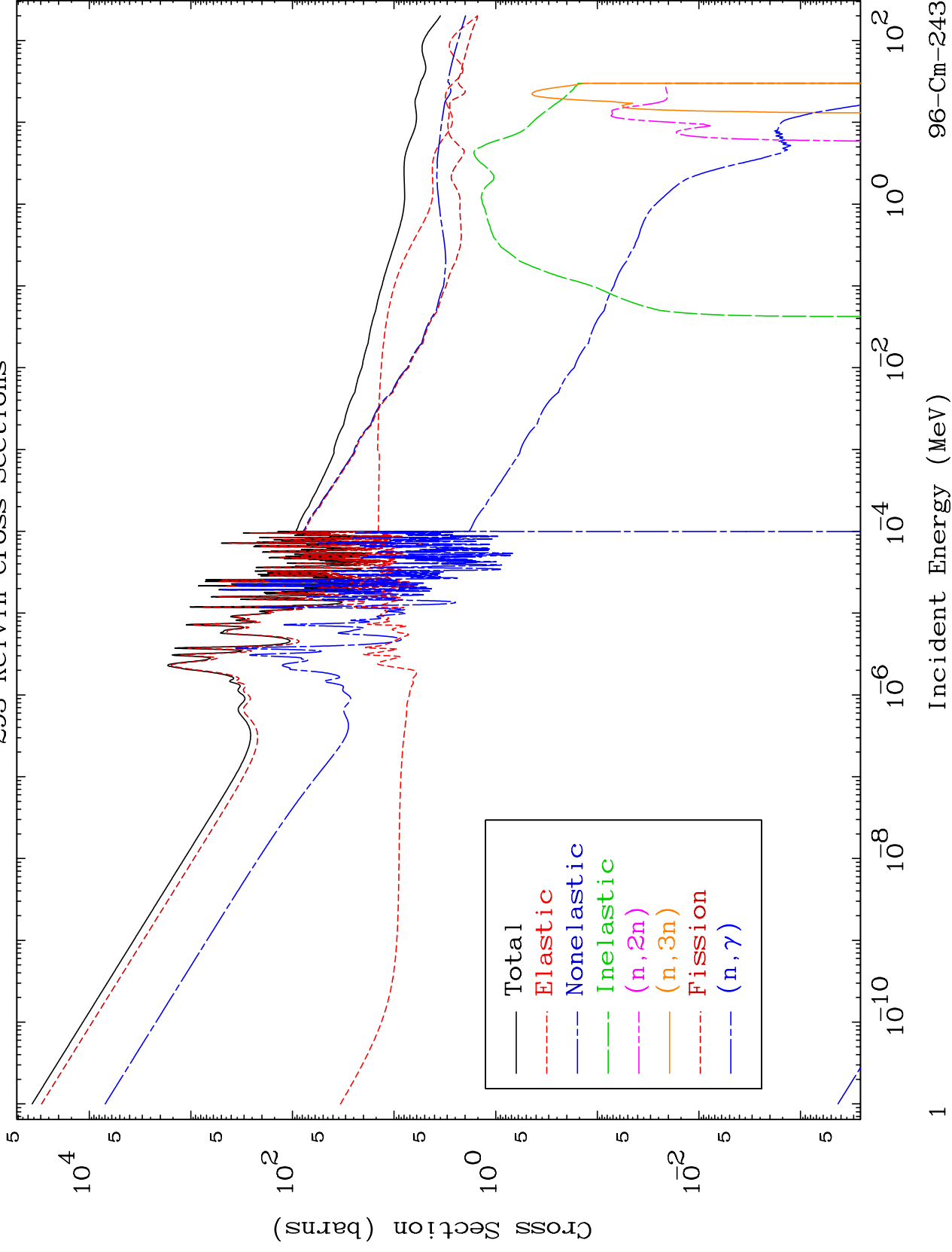
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9634

Neutron Major  
293 Kelvin Cross Sections

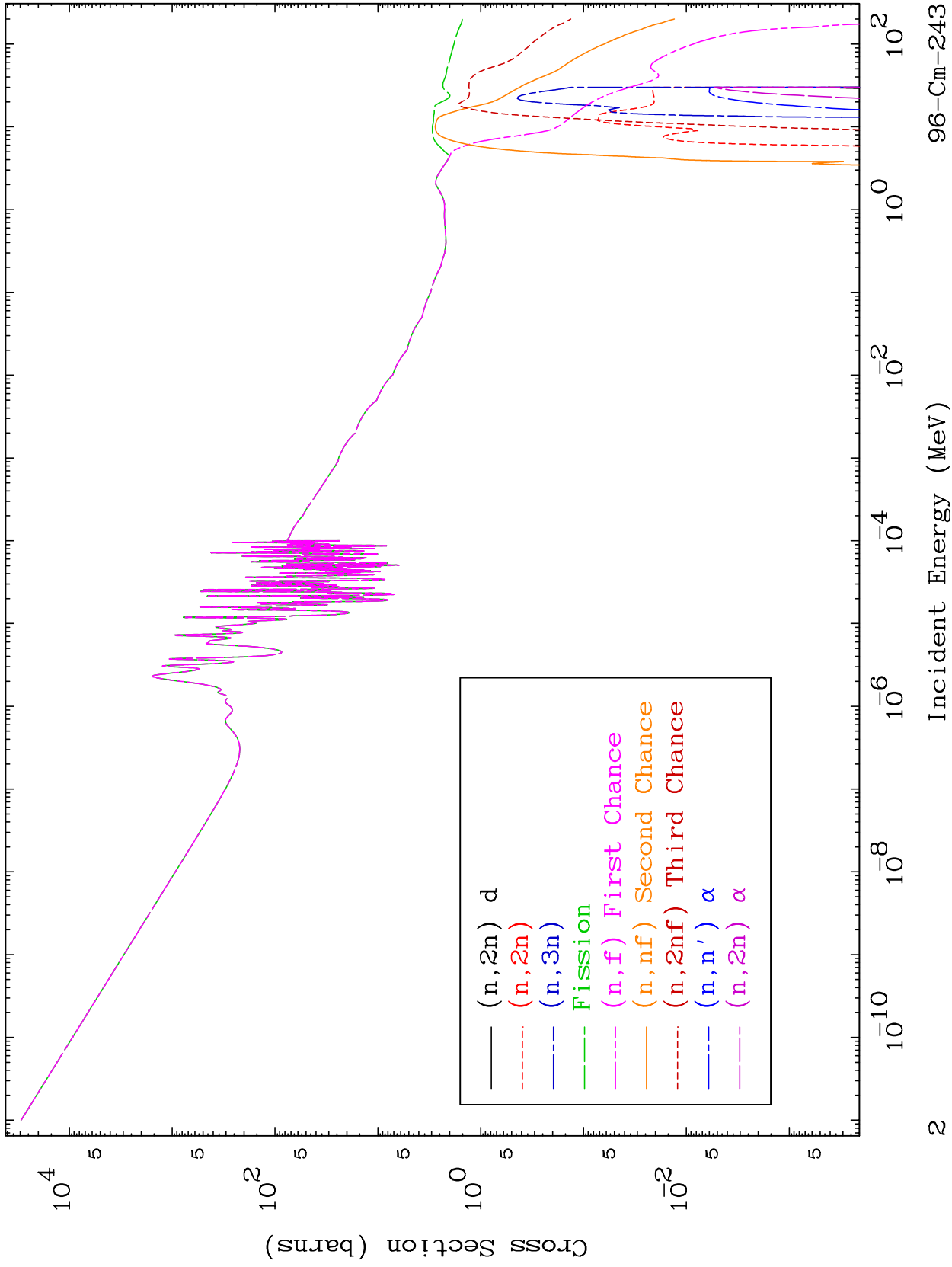
96-Cm-243



MAT 9634

Neutron Absorption  
293 Kelvin Cross Sections

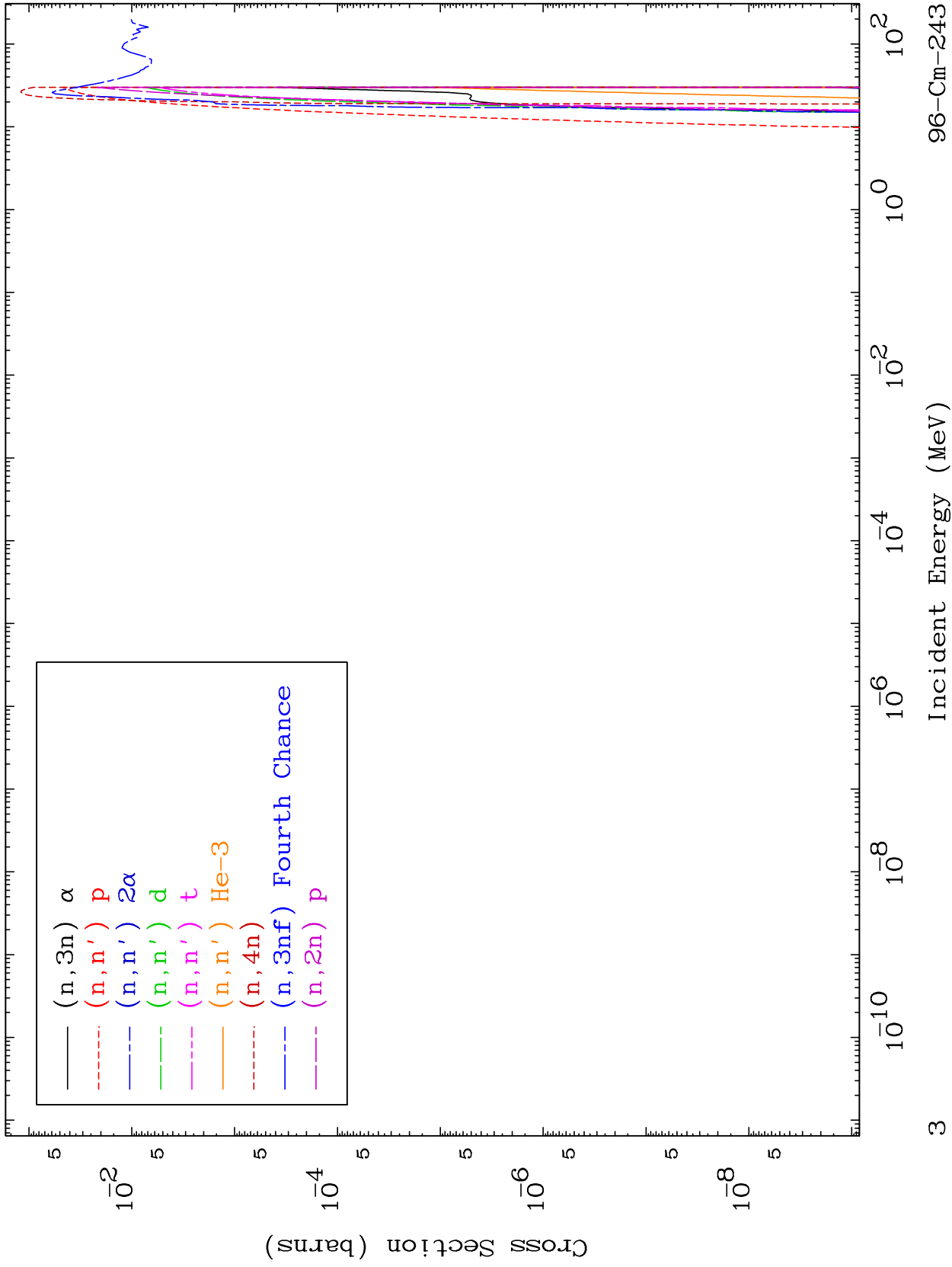
96-Cm-243



MAT 9634

Neutron Absorption  
293 Kelvin Cross Sections

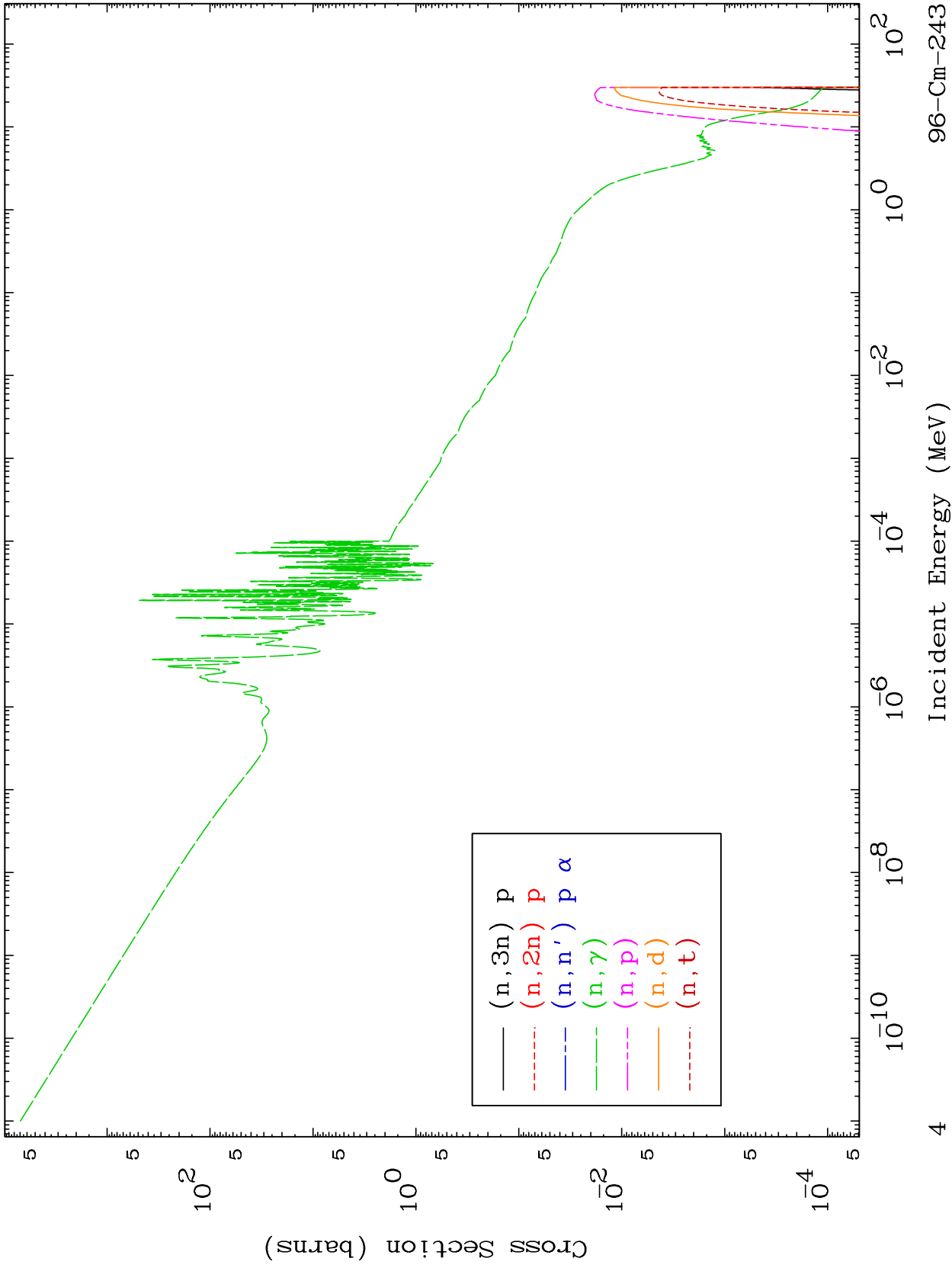
96-Cm-243



MAT 9634

Neutron Absorption  
293 Kelvin Cross Sections

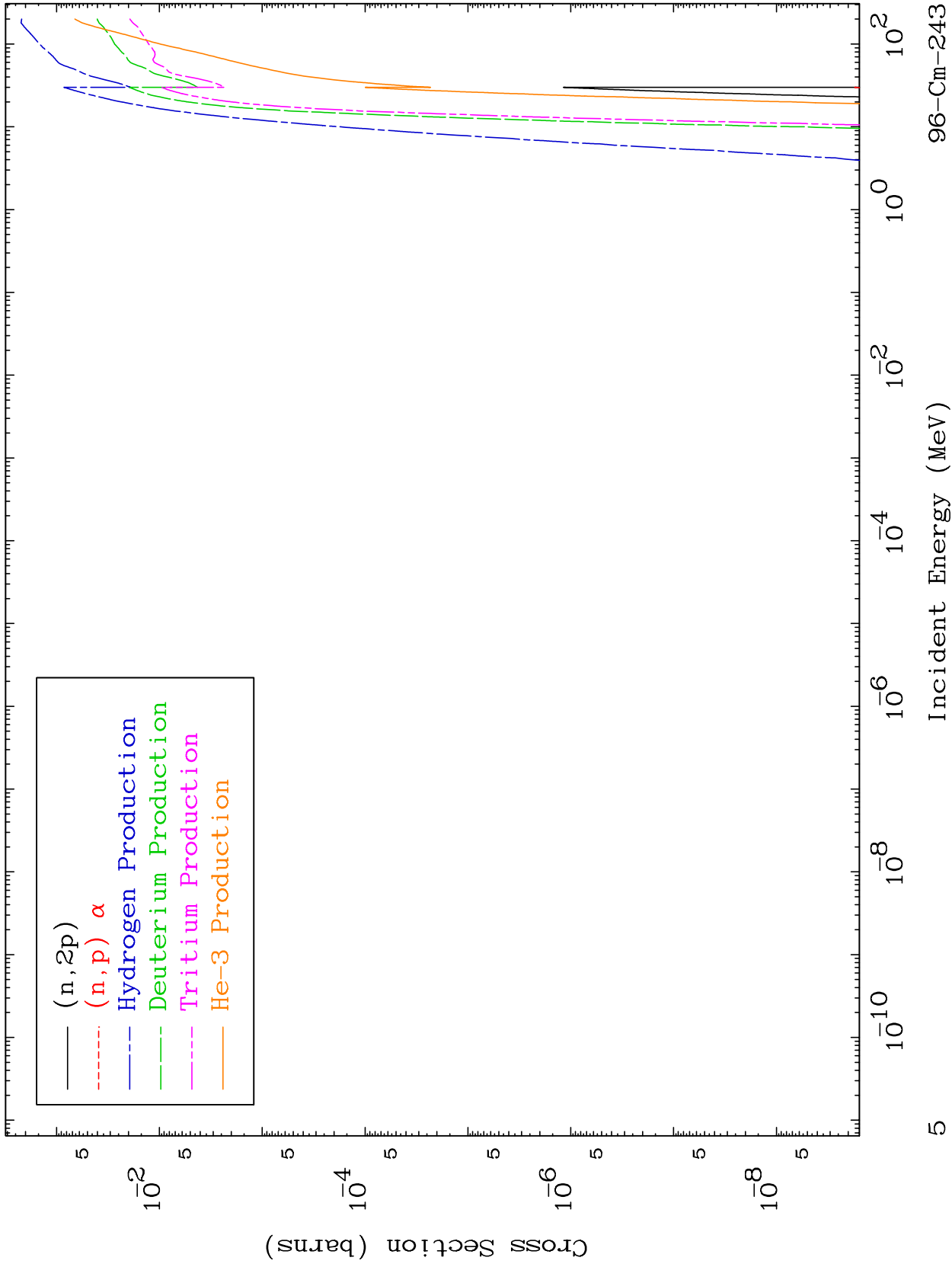
96-Cm-243



MAT 9634

Neutron Absorption  
293 Kelvin Cross Sections

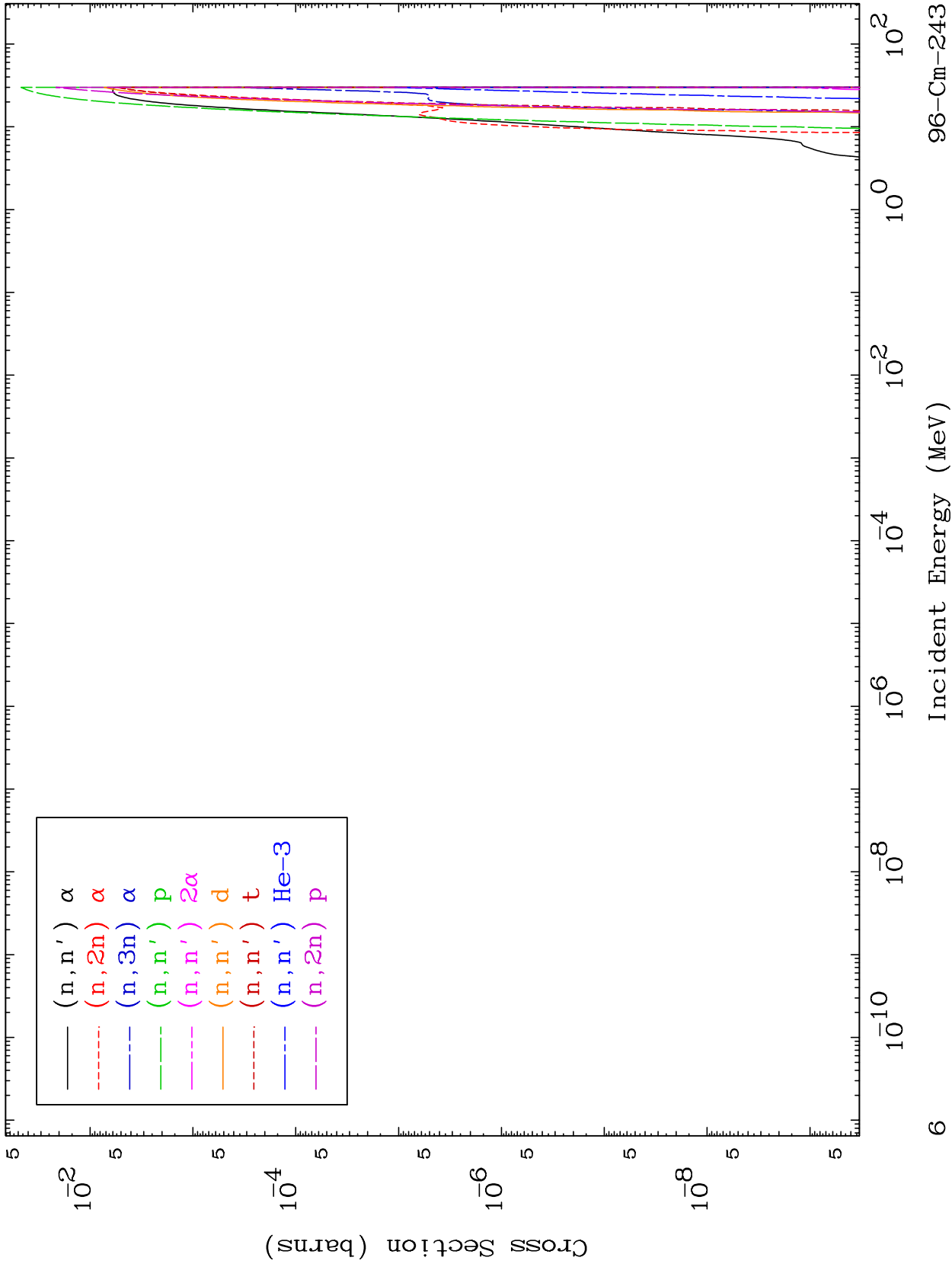
96-Cm-243



MAT 9634

Charged Particle  
293 Kelvin Cross Sections

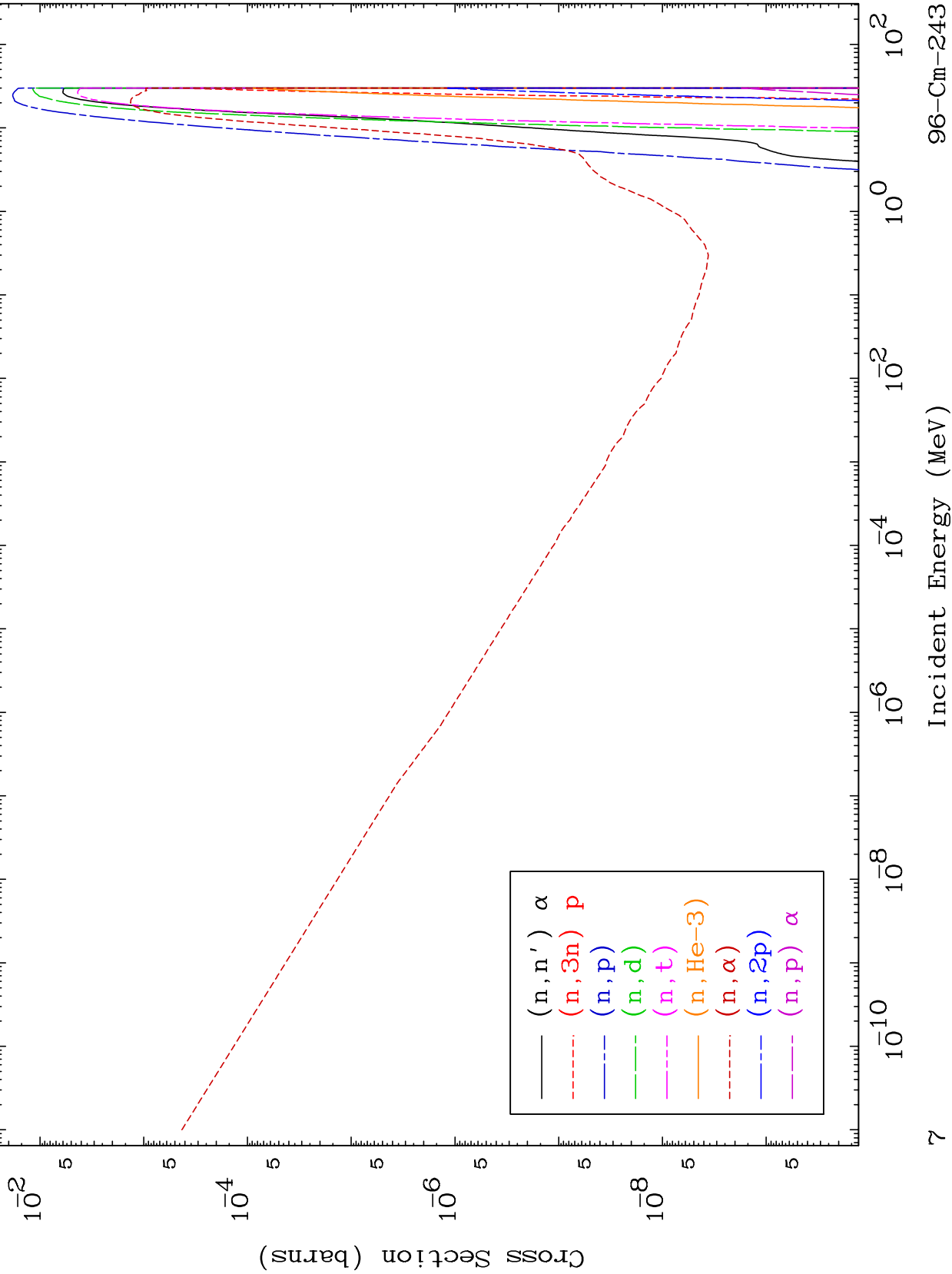
96-Cm-243



MAT 9634

Charged Particle  
293 Kelvin Cross Sections

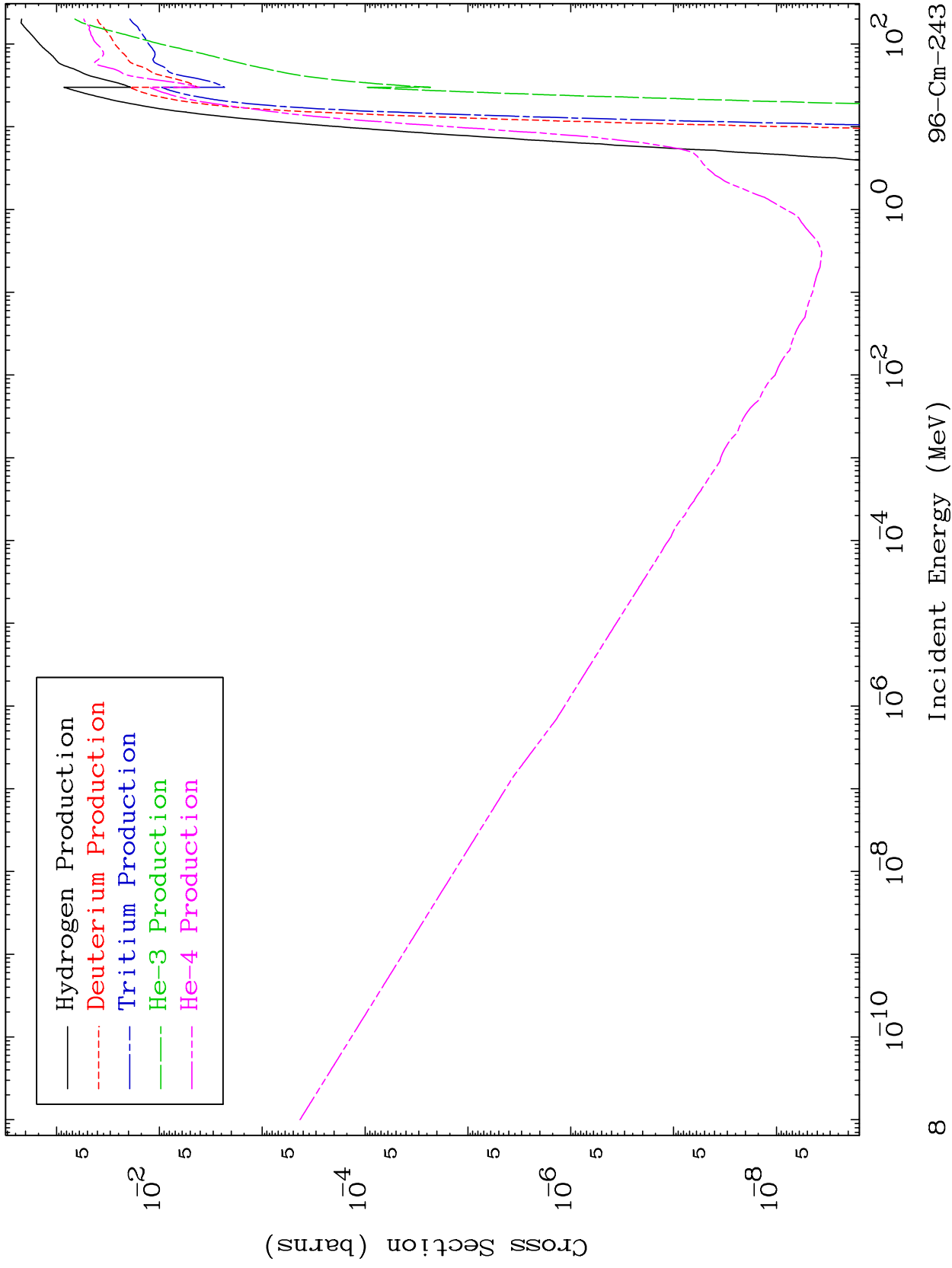
96-Cm-243



MAT 9634

Particle Production  
293 Kelvin Cross Sections

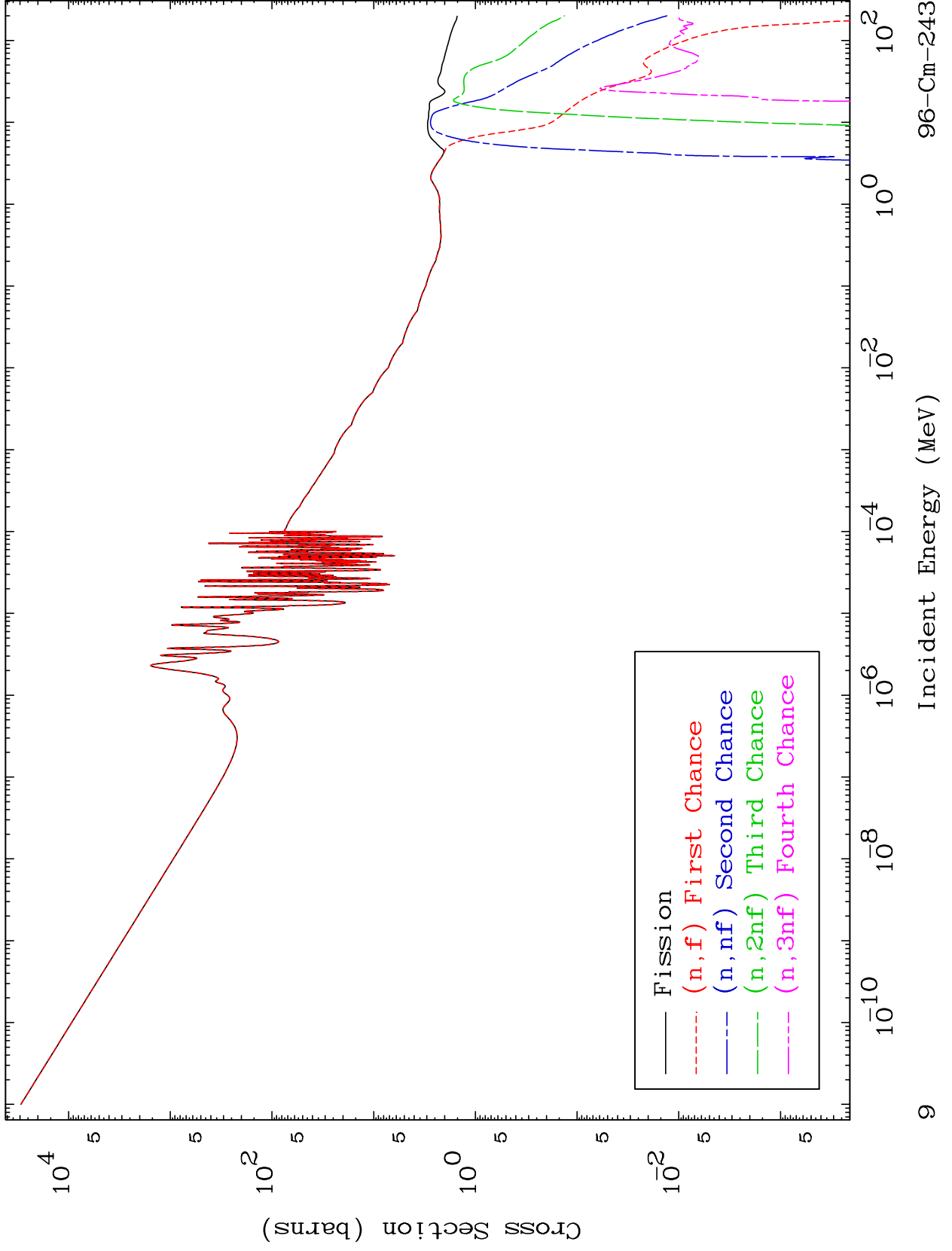
96-Cm-243



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Fission  
293 Kelvin Cross Sections

96-Cm-243

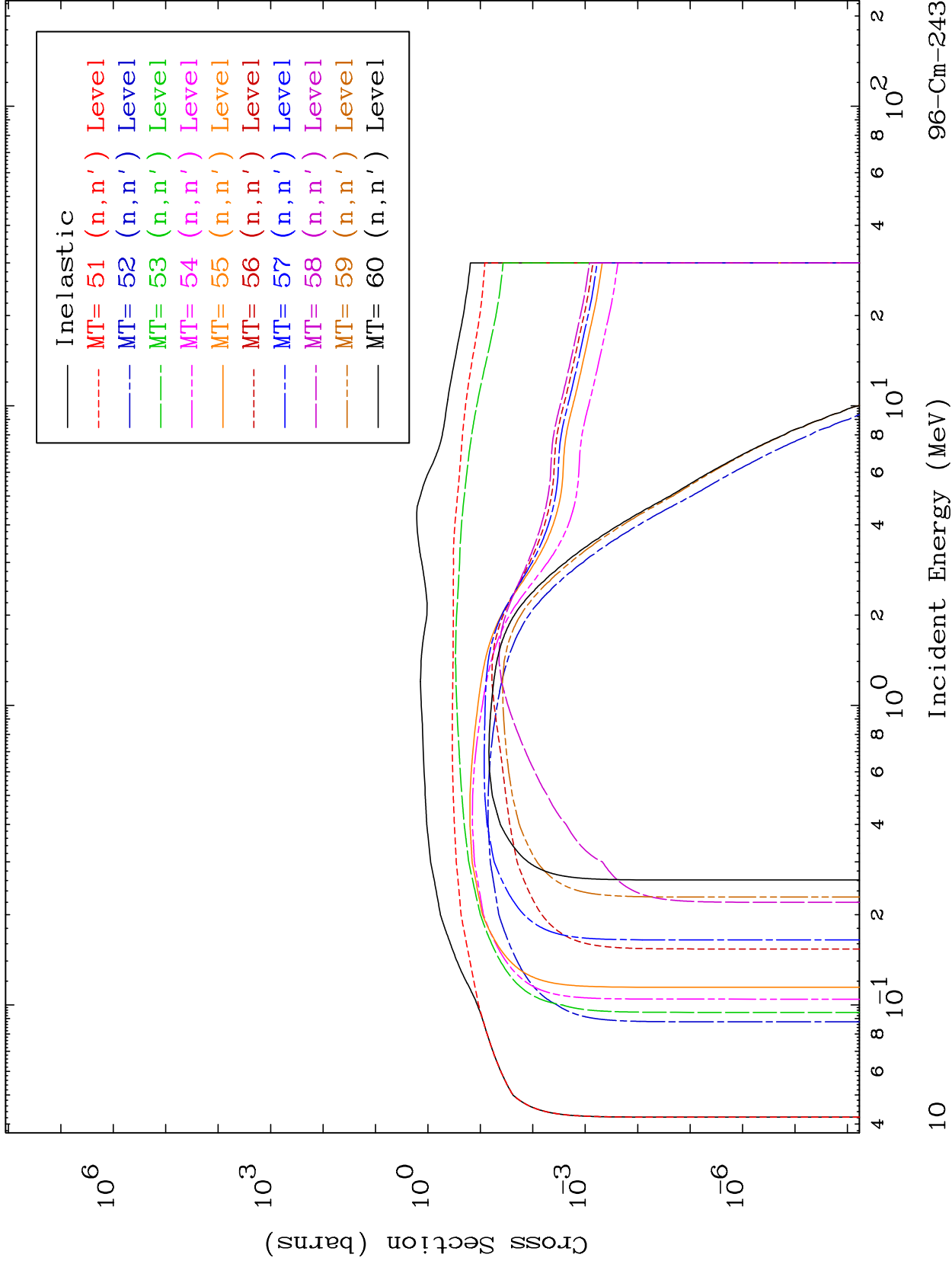


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(n,n') Levels

96-Cm-243

293 Kelvin Cross Sections

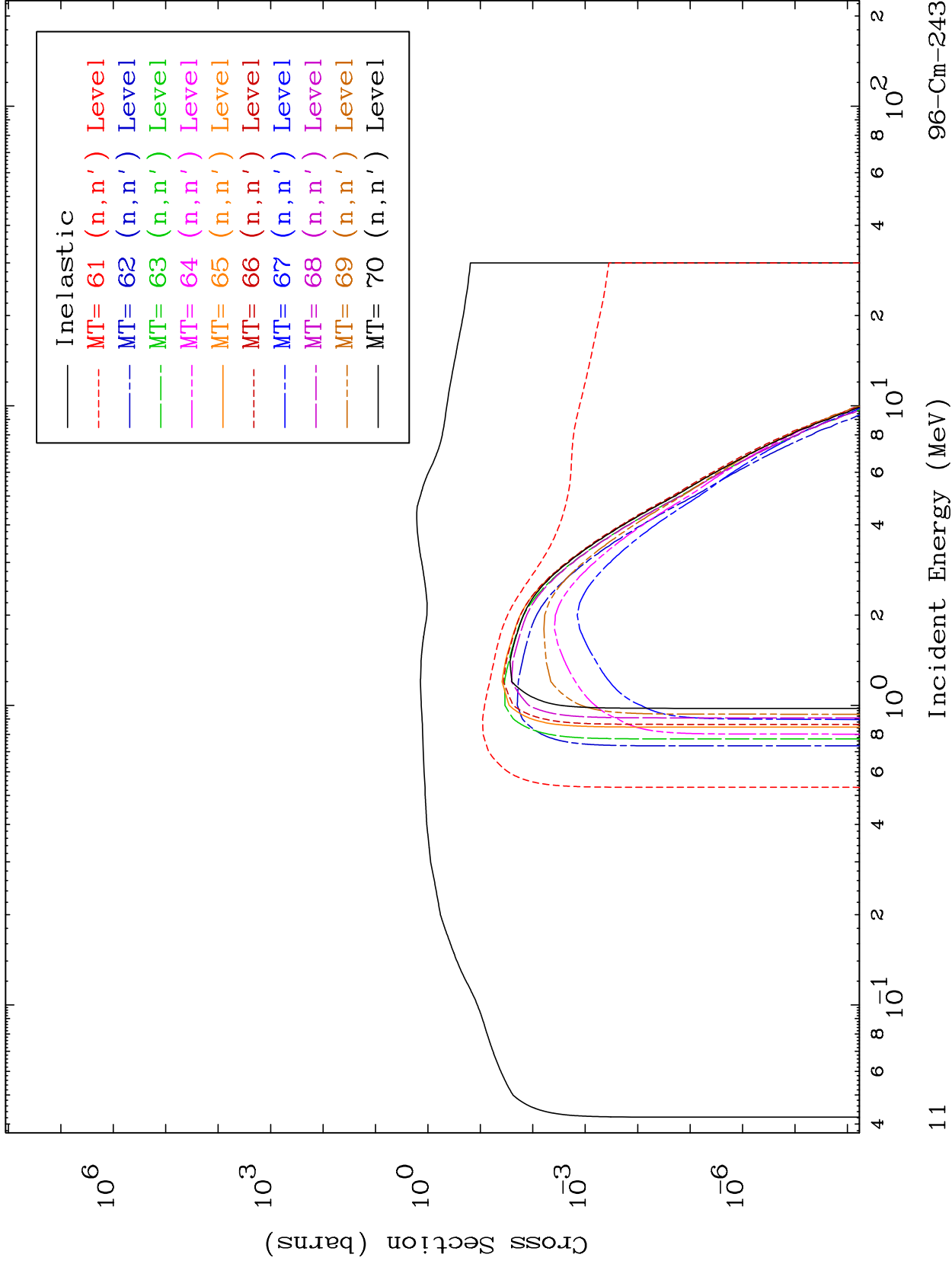


10

Incident Energy (MeV)

96-Cm-243

293 Kelvin Cross Sections

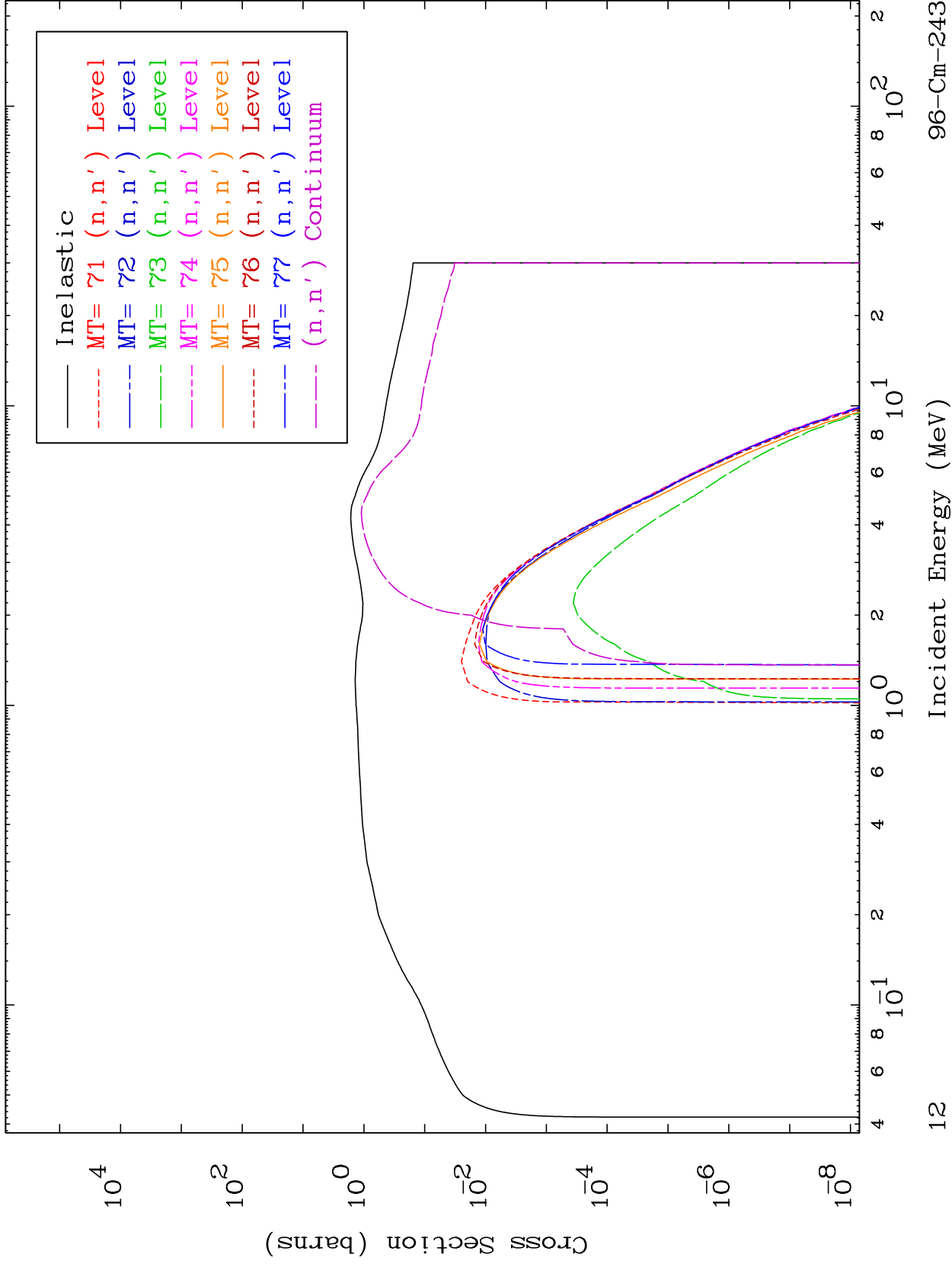


MAT 9634

(n,n') Levels

293 Kelvin Cross Sections

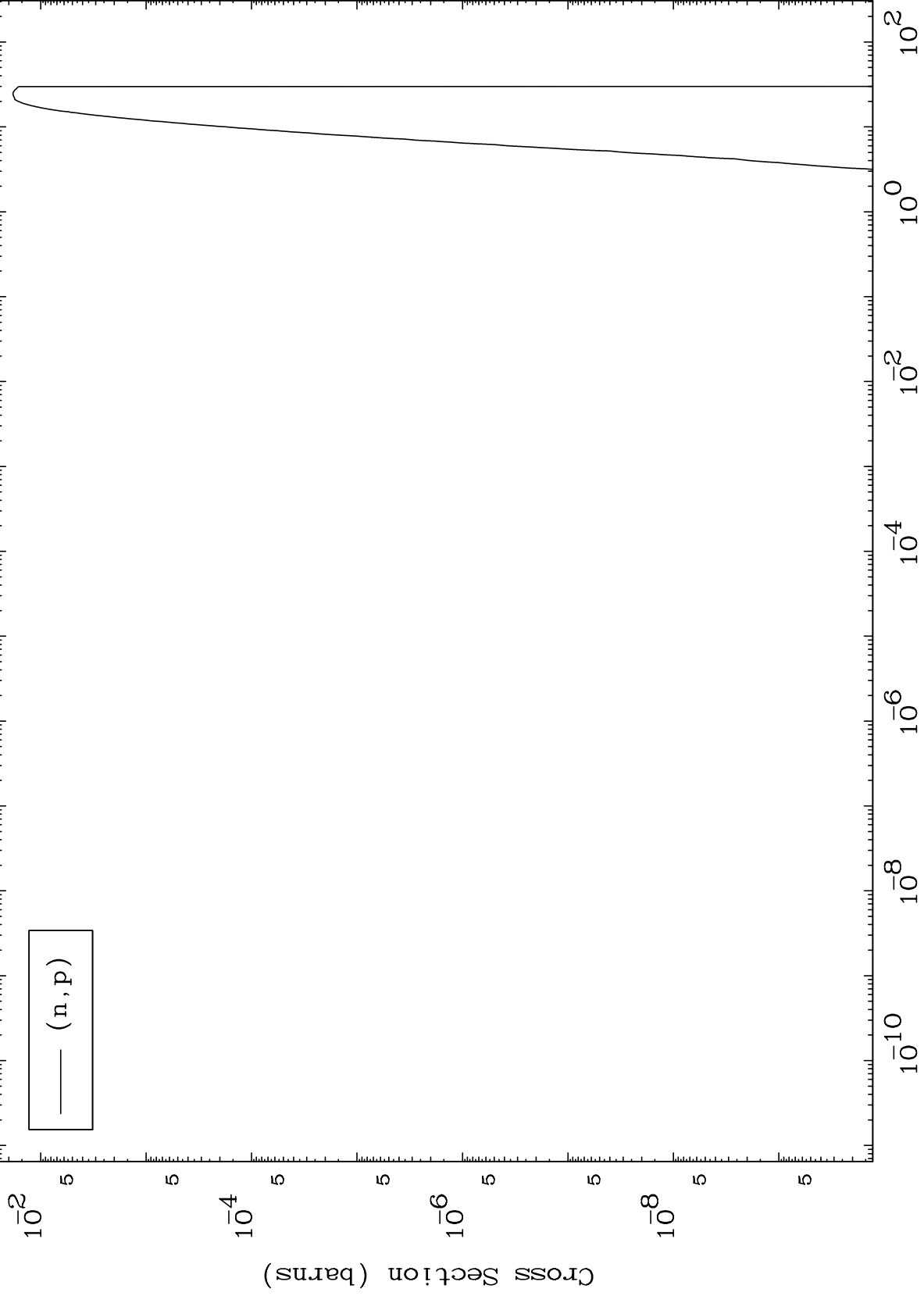
96-Cm-243



MAT 9634

(n,p) Levels  
293 Kelvin Cross Sections

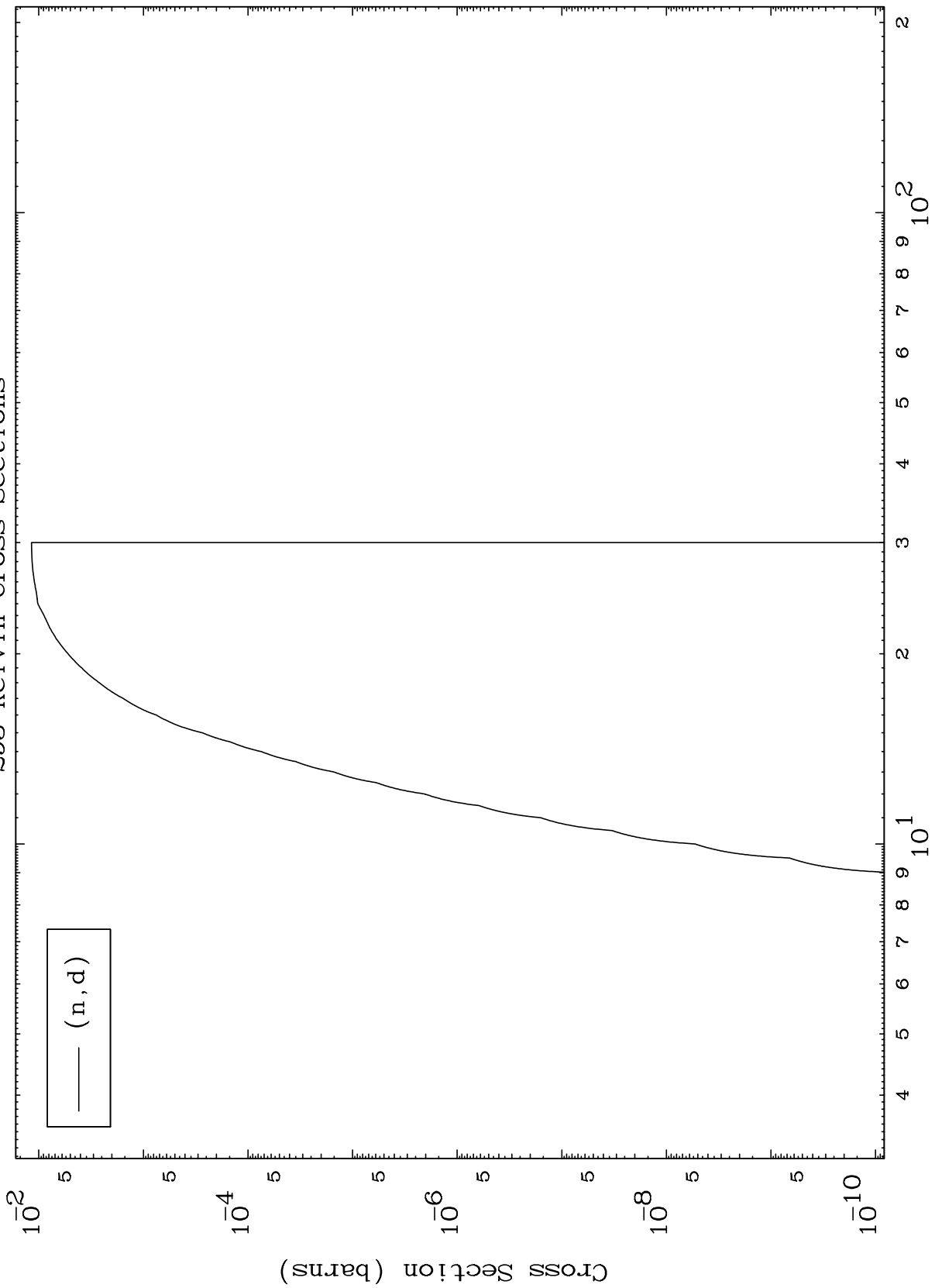
96-Cm-243



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96-Cm-243

(n,d) Levels  
293 Kelvin Cross Sections



96-Cm-243

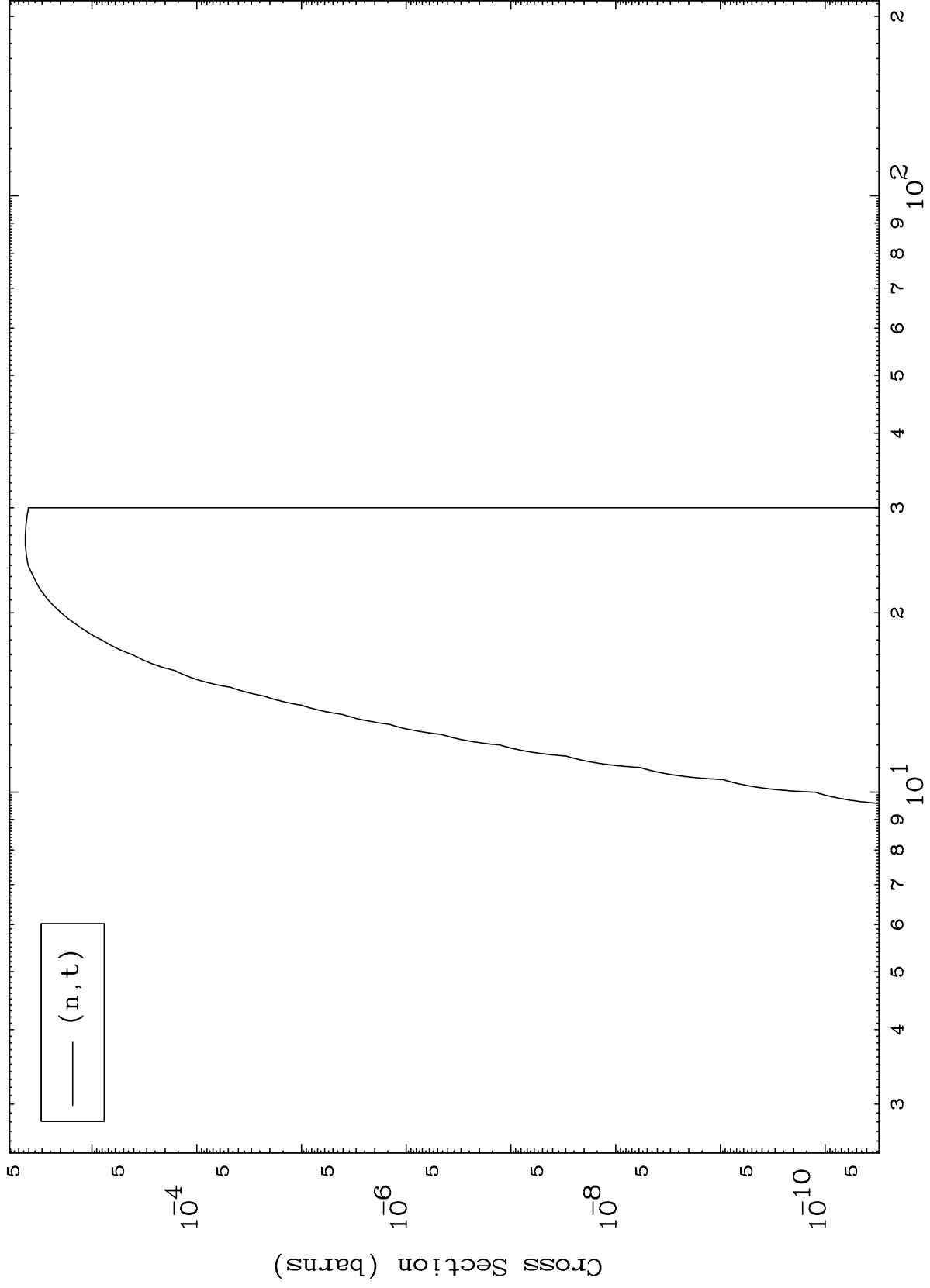
Incident Energy (MeV)

14

MAT 9634

(n,t) Levels  
293 Kelvin Cross Sections

96-Cm-243



15

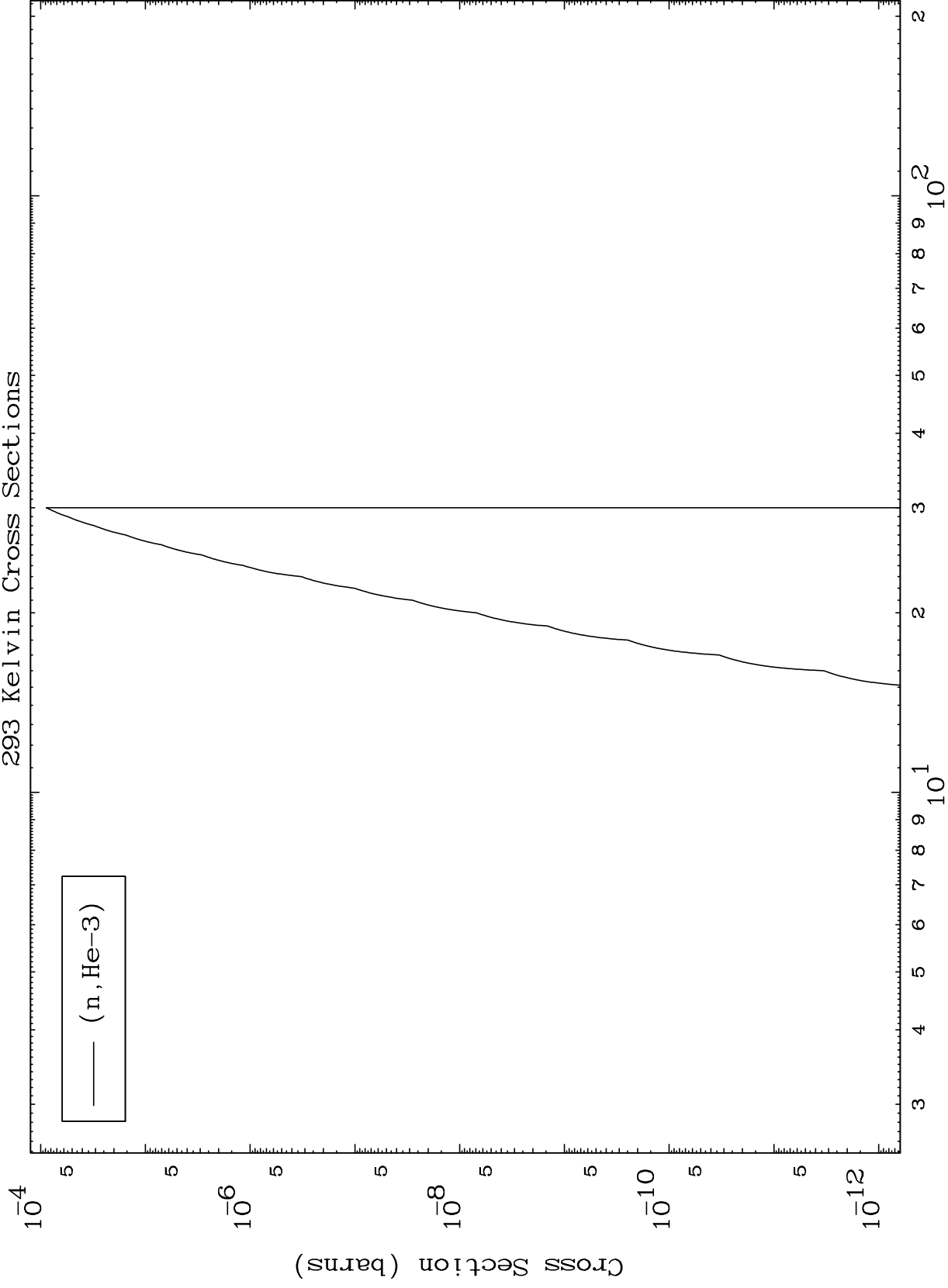
Incident Energy (MeV)

96-Cm-243

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(n,He3) Levels  
293 Kelvin Cross Sections

96-Cm-243



16

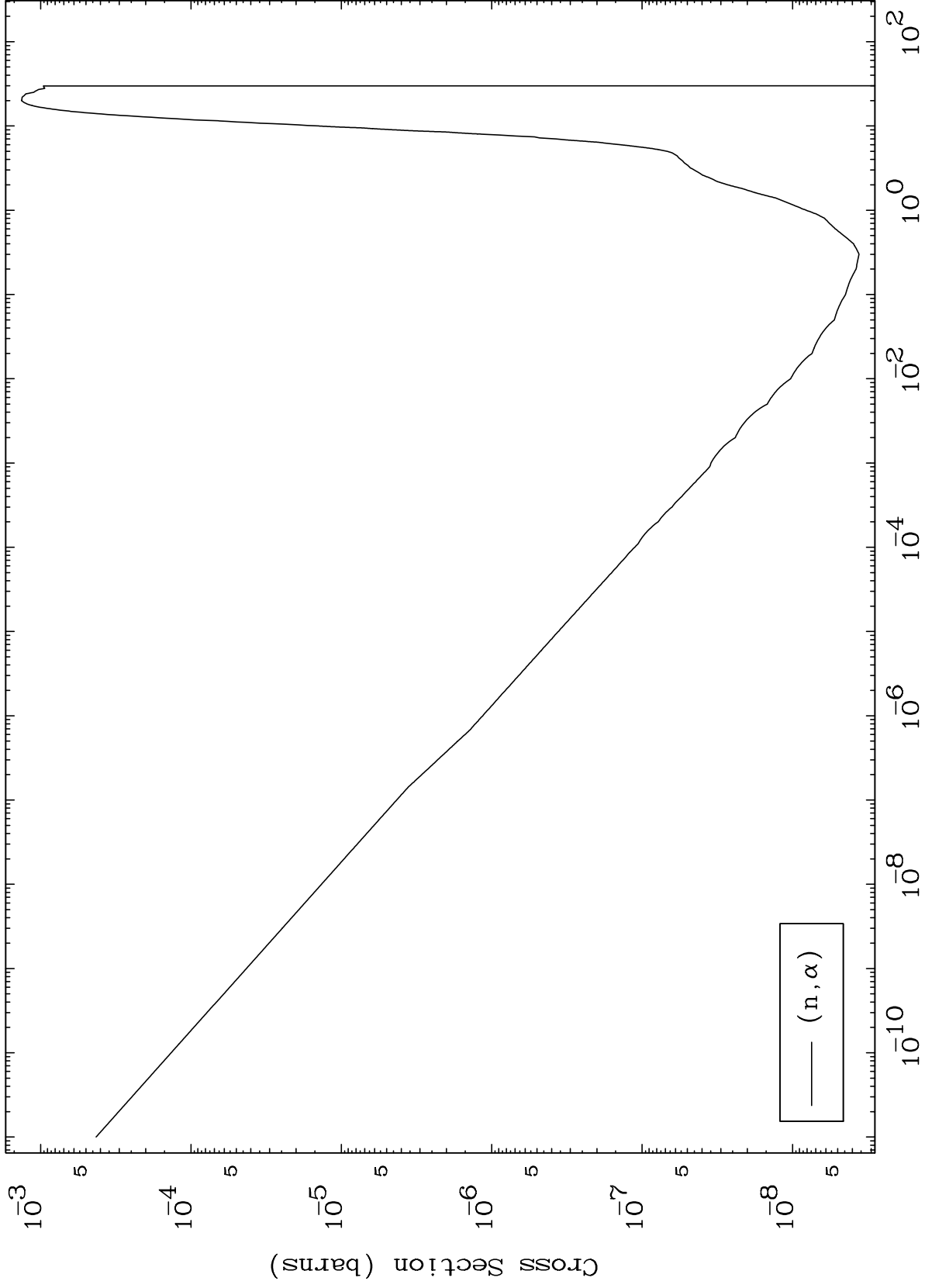
Incident Energy (MeV)

96-Cm-243

MAT 9634

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

96-Cm-243



17

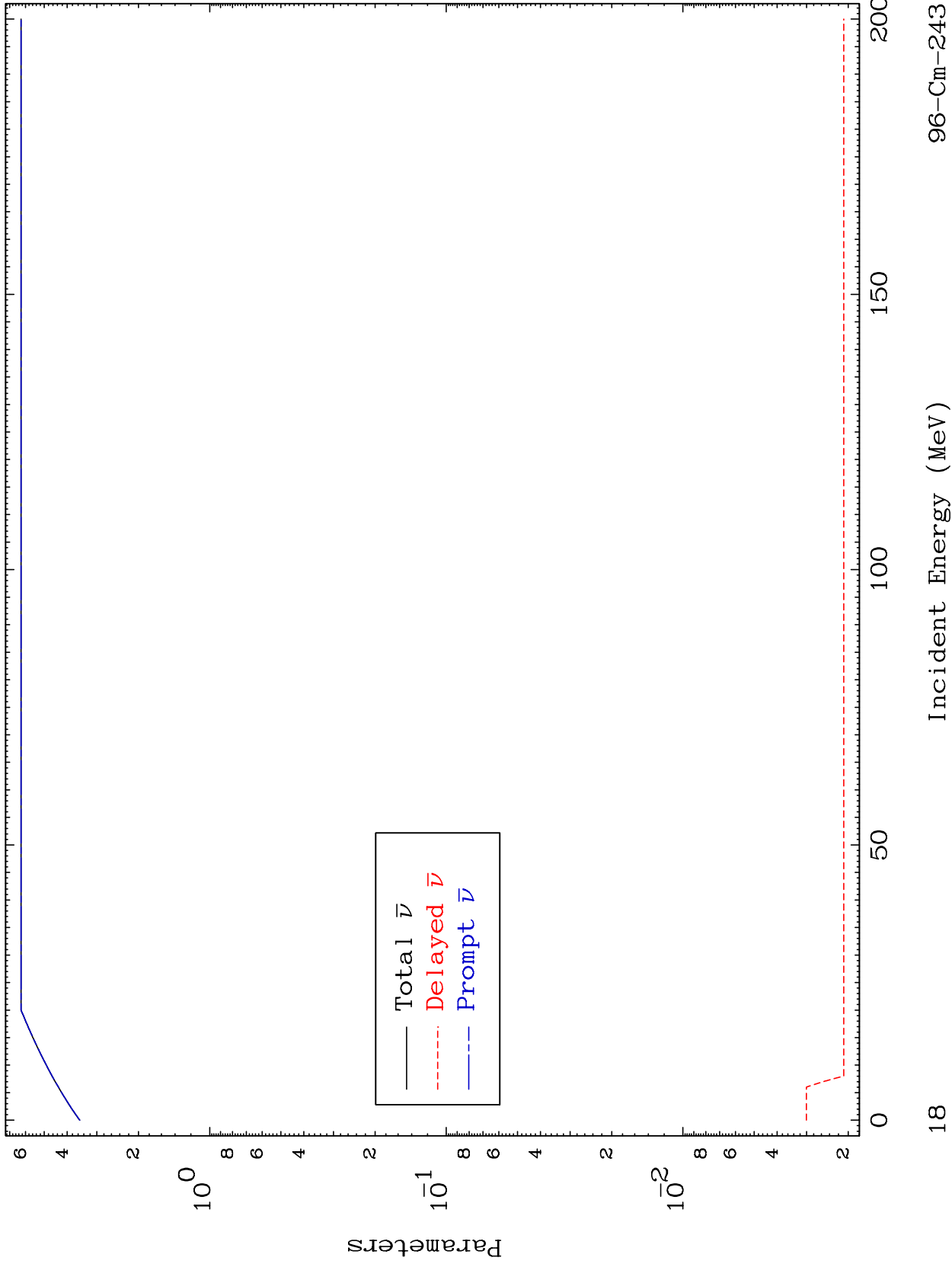
Incident Energy (MeV)

96-Cm-243

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Energy Release  
Parameters

96-Cm-243



18

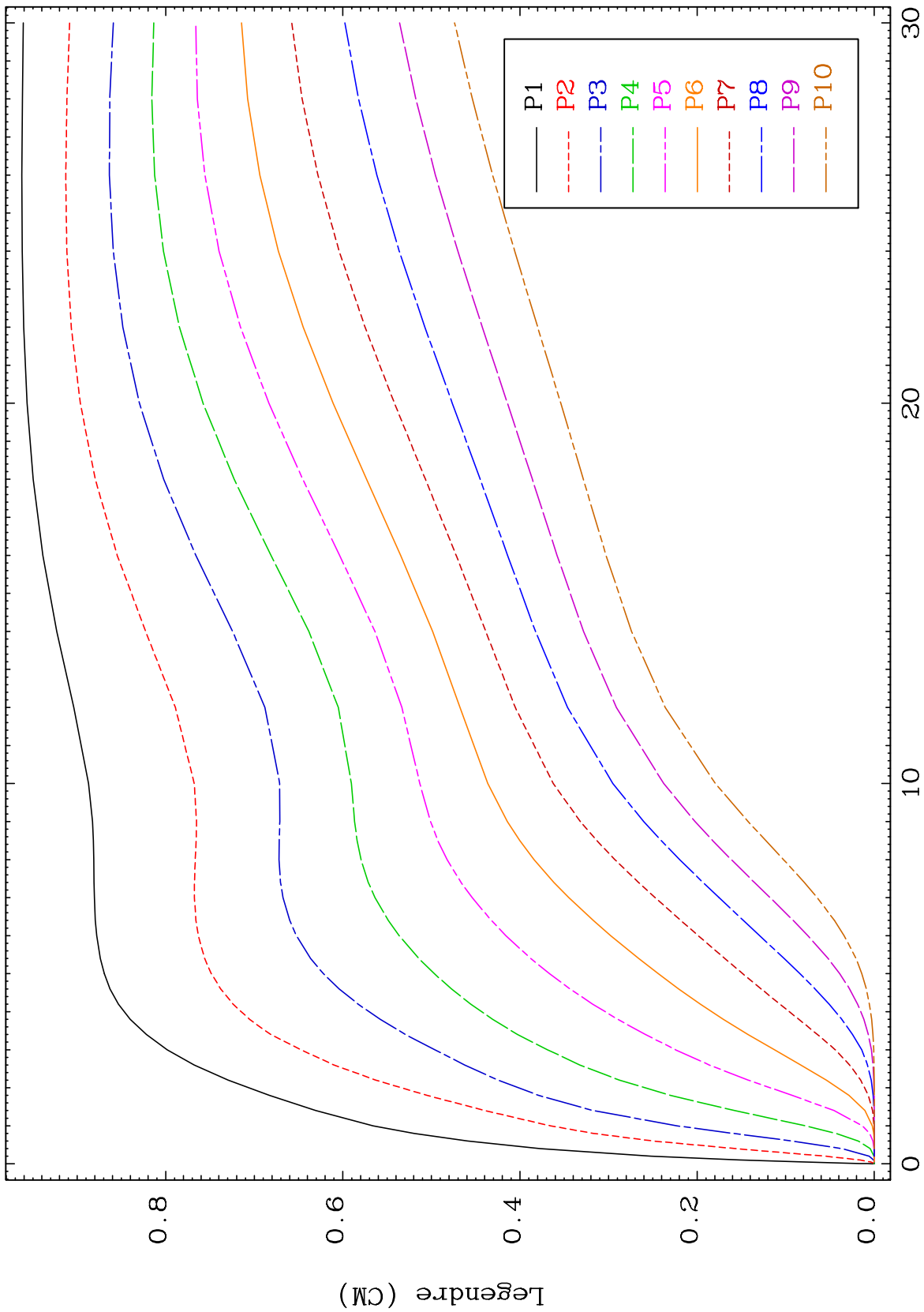
Incident Energy (MeV)

96-Cm-243

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Elastic Legendre Coefficients

96-Cm-243



19

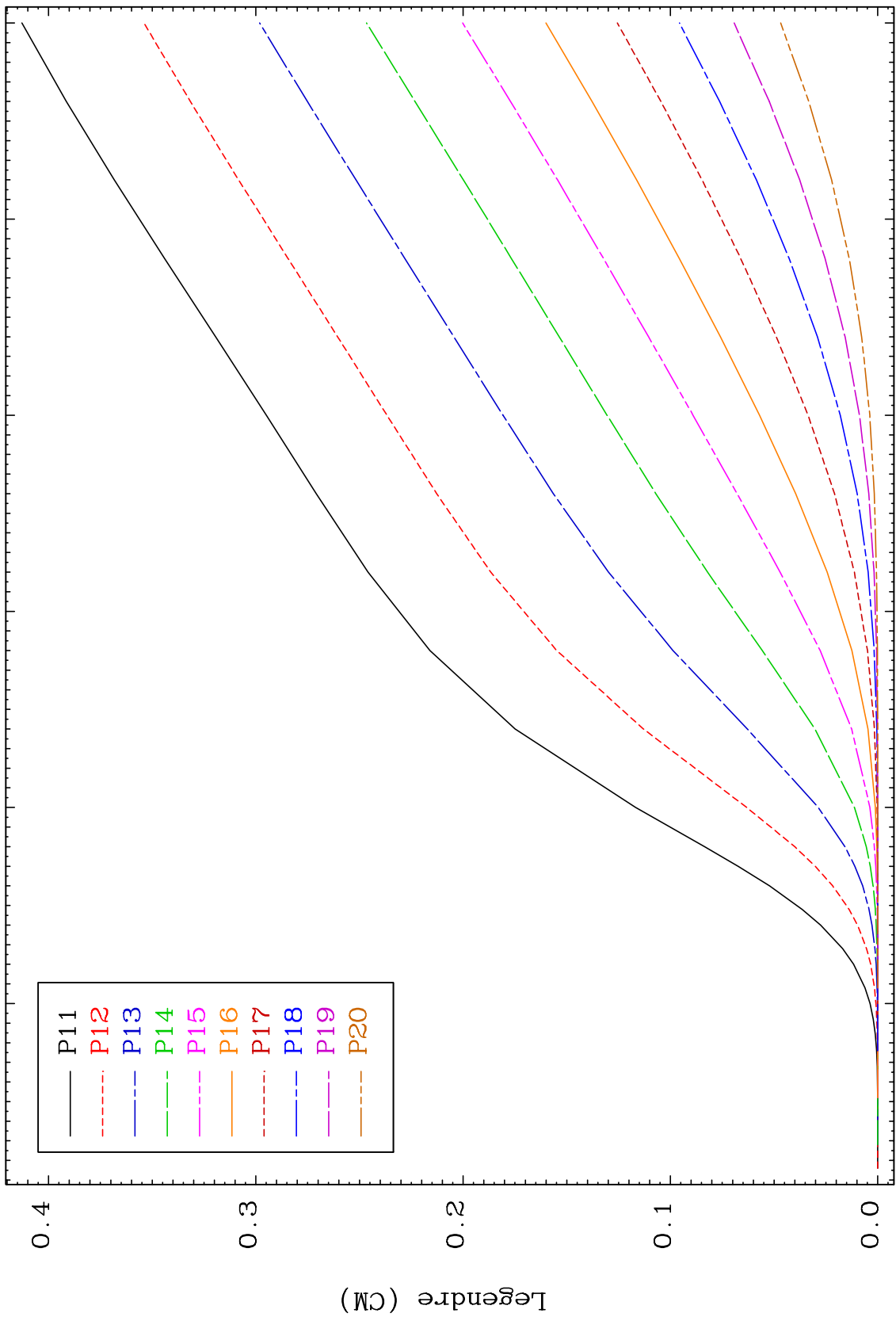
Incident Energy (MeV)

96-Cm-243

MAT 9634

Elastic Legendre Coefficients

96-Cm-243



20

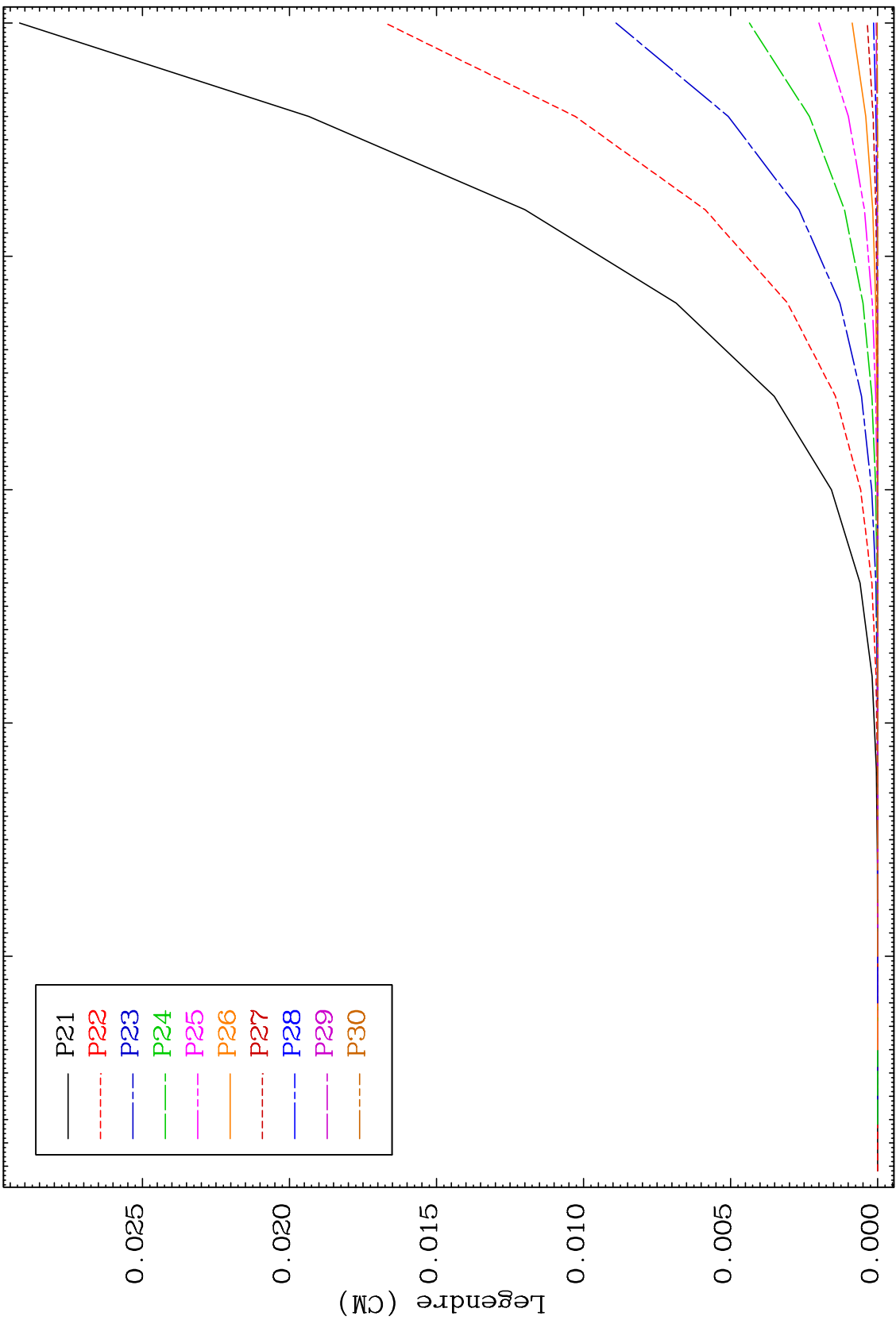
Incident Energy (MeV)

96-Cm-243

MAT 9634

Elastic Legendre Coefficients

96-Cm-243



21

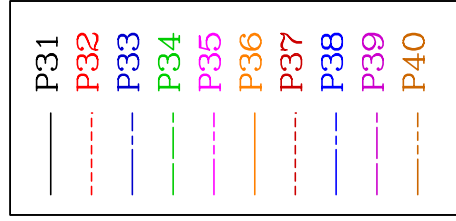
Incident Energy (MeV)

96-Cm-243

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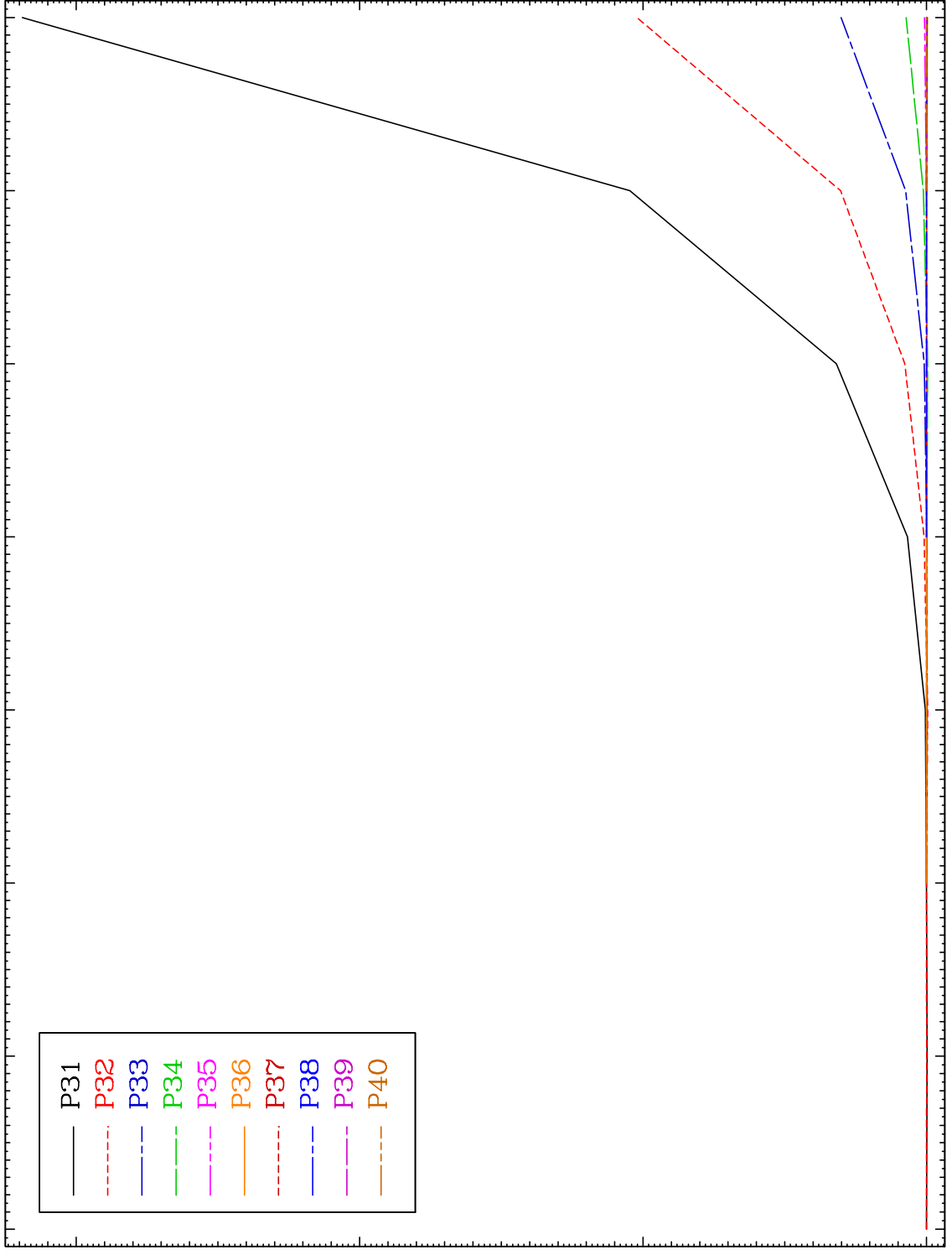
Elastic Legendre Coefficients

96-Cm-243



$\times 10^{-6}$

Legendre (CM)



96-Cm-243

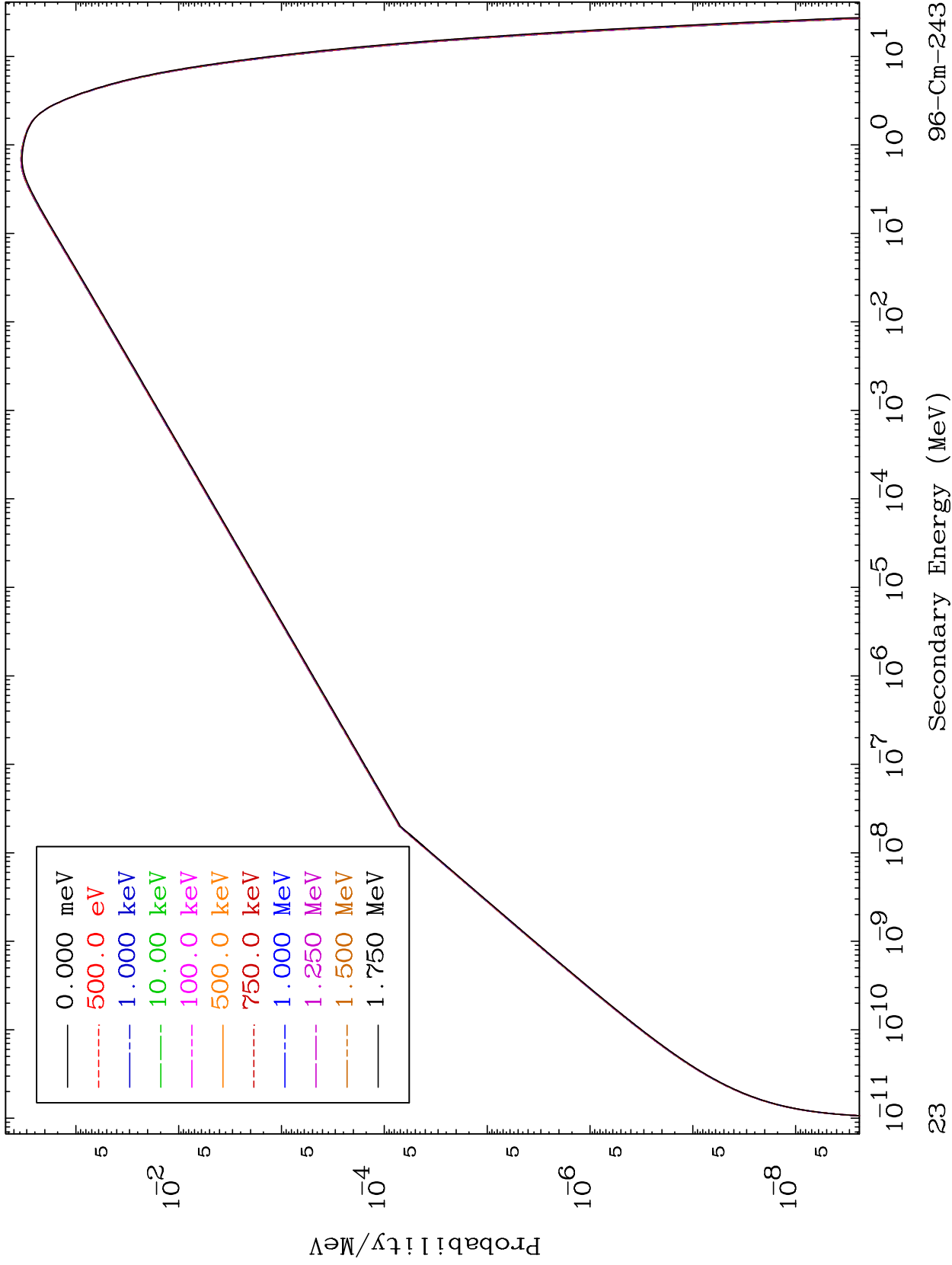
Incident Energy (MeV)

22

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### Fission Energy Distributions

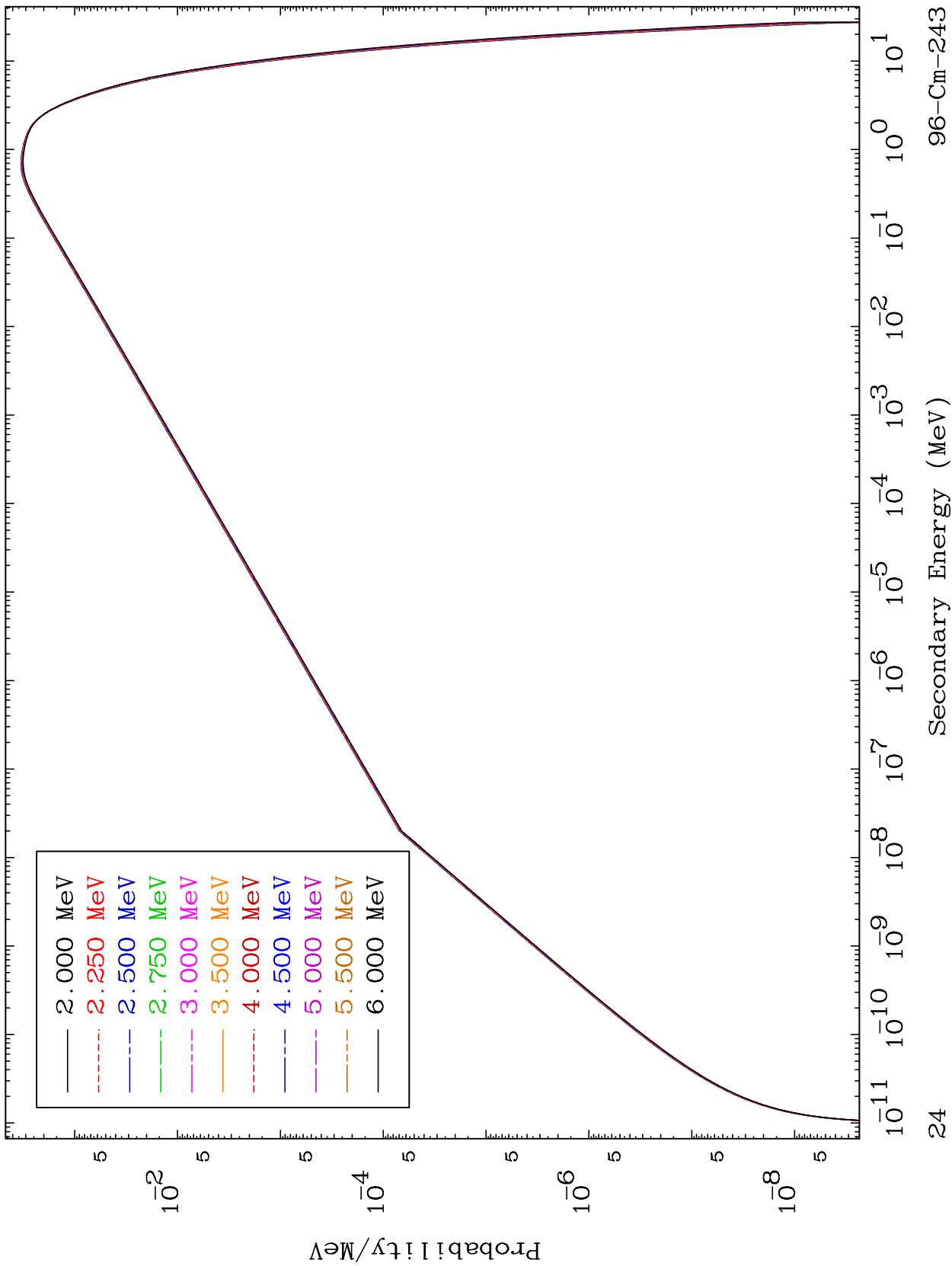
96-Cm-243



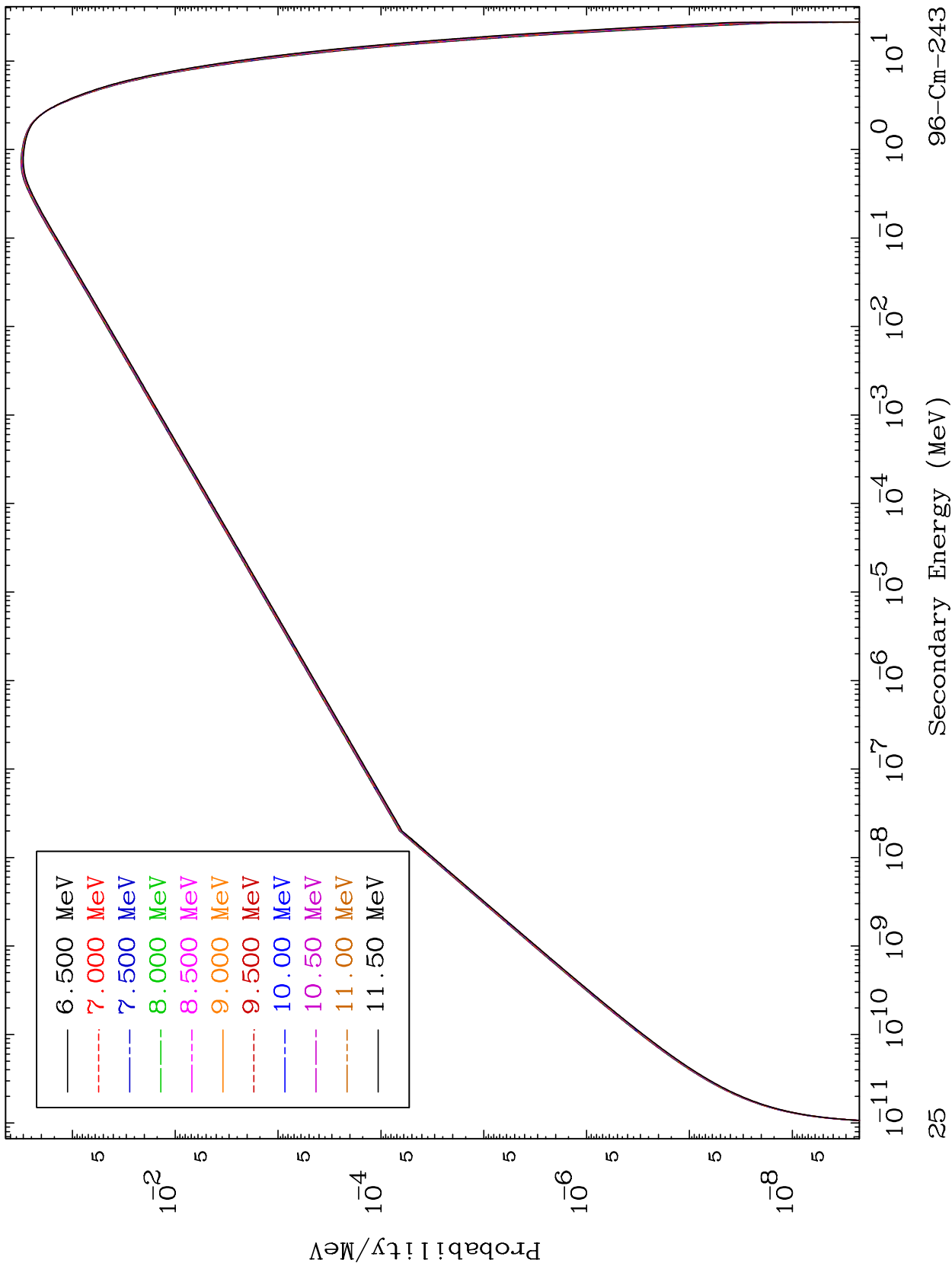
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### Fission Energy Distributions

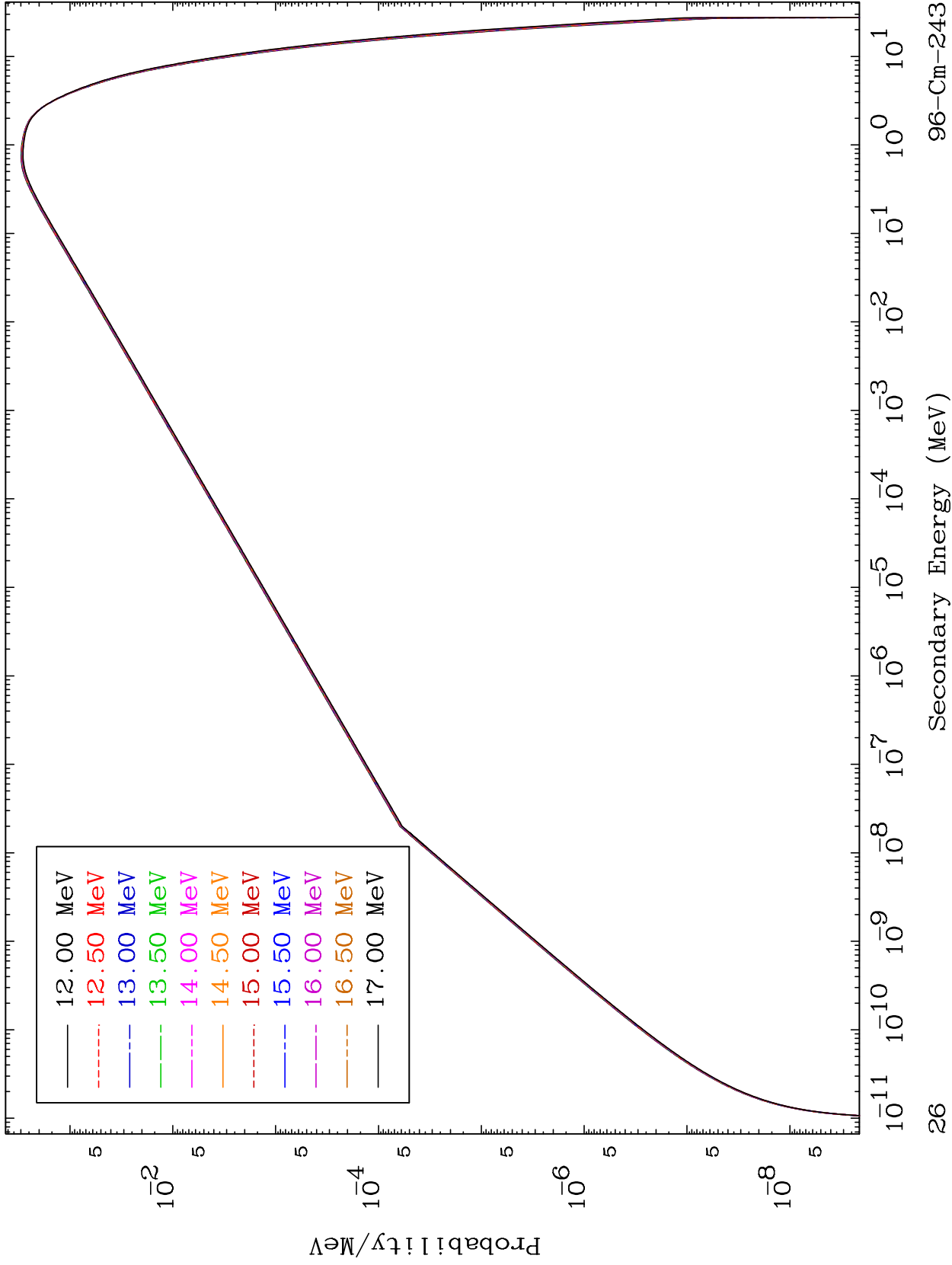
96-Cm-243



Fission Energy Distributions



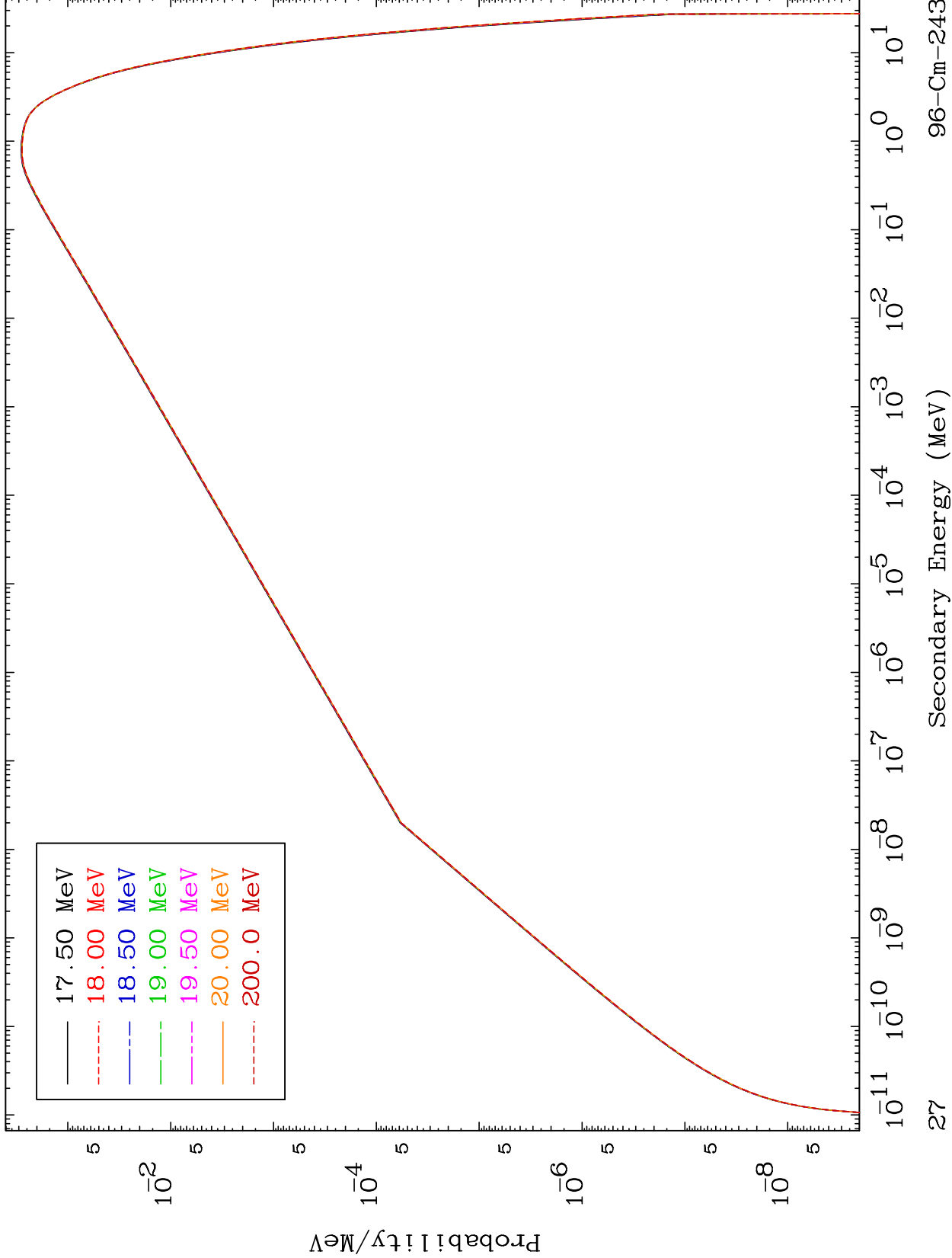
Fission Energy Distributions



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### Fission Energy Distributions

96-Cm-243

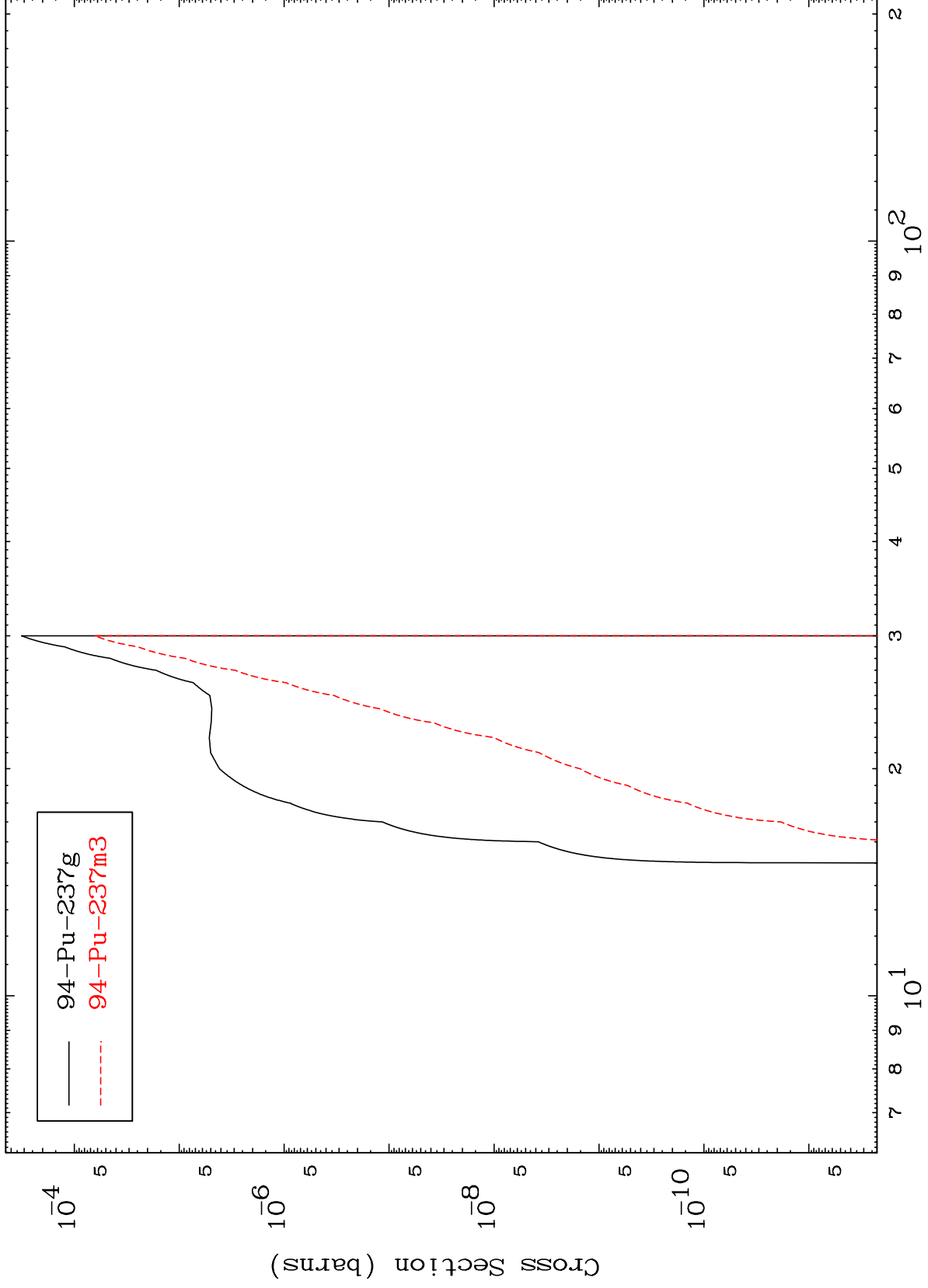


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(n,3n)  $\alpha$

96-Cm-243

Radionuclide Production Cross Section



28

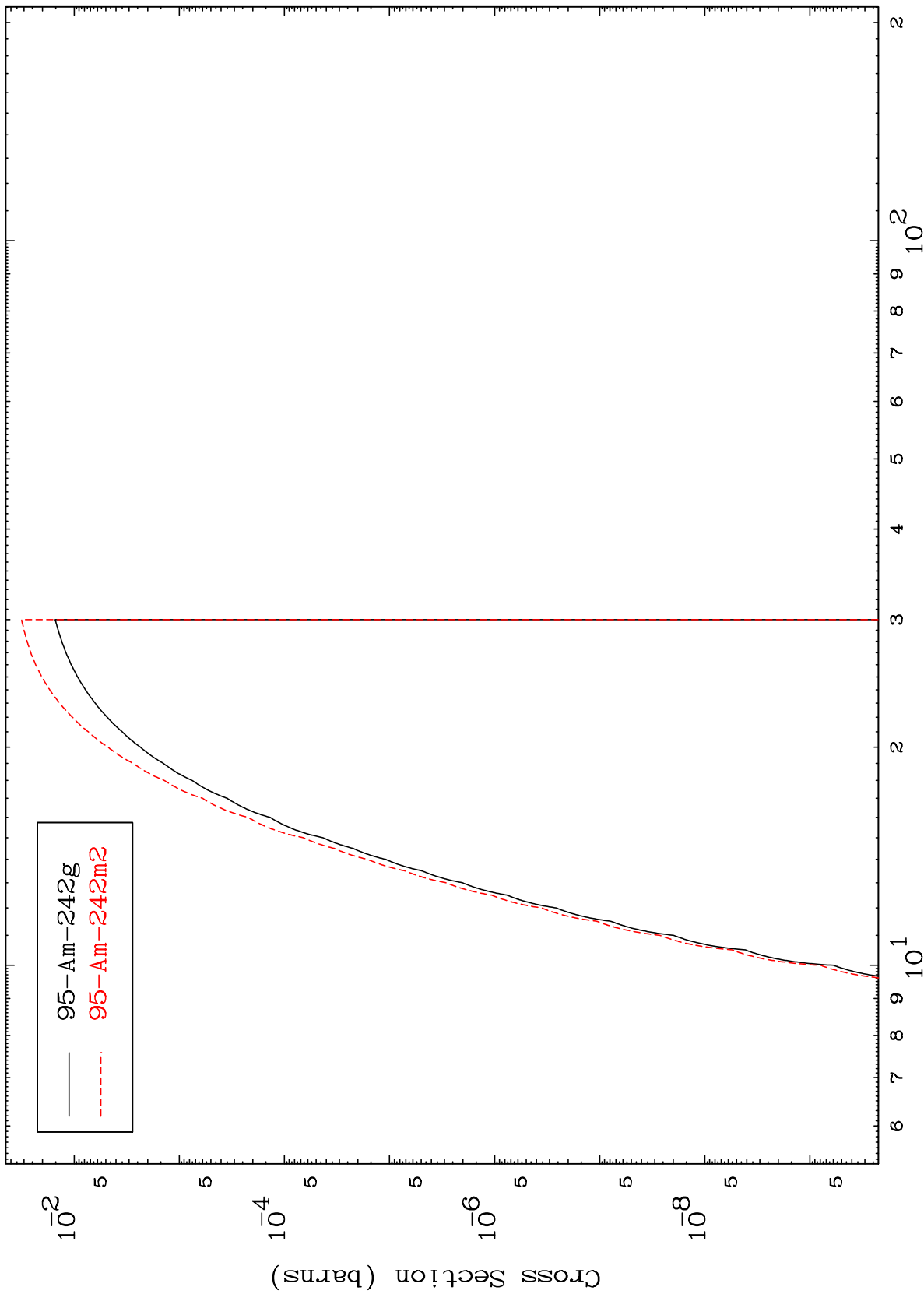
Incident Energy (MeV)

96-Cm-243

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96-Cm-243

(n,n') p  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

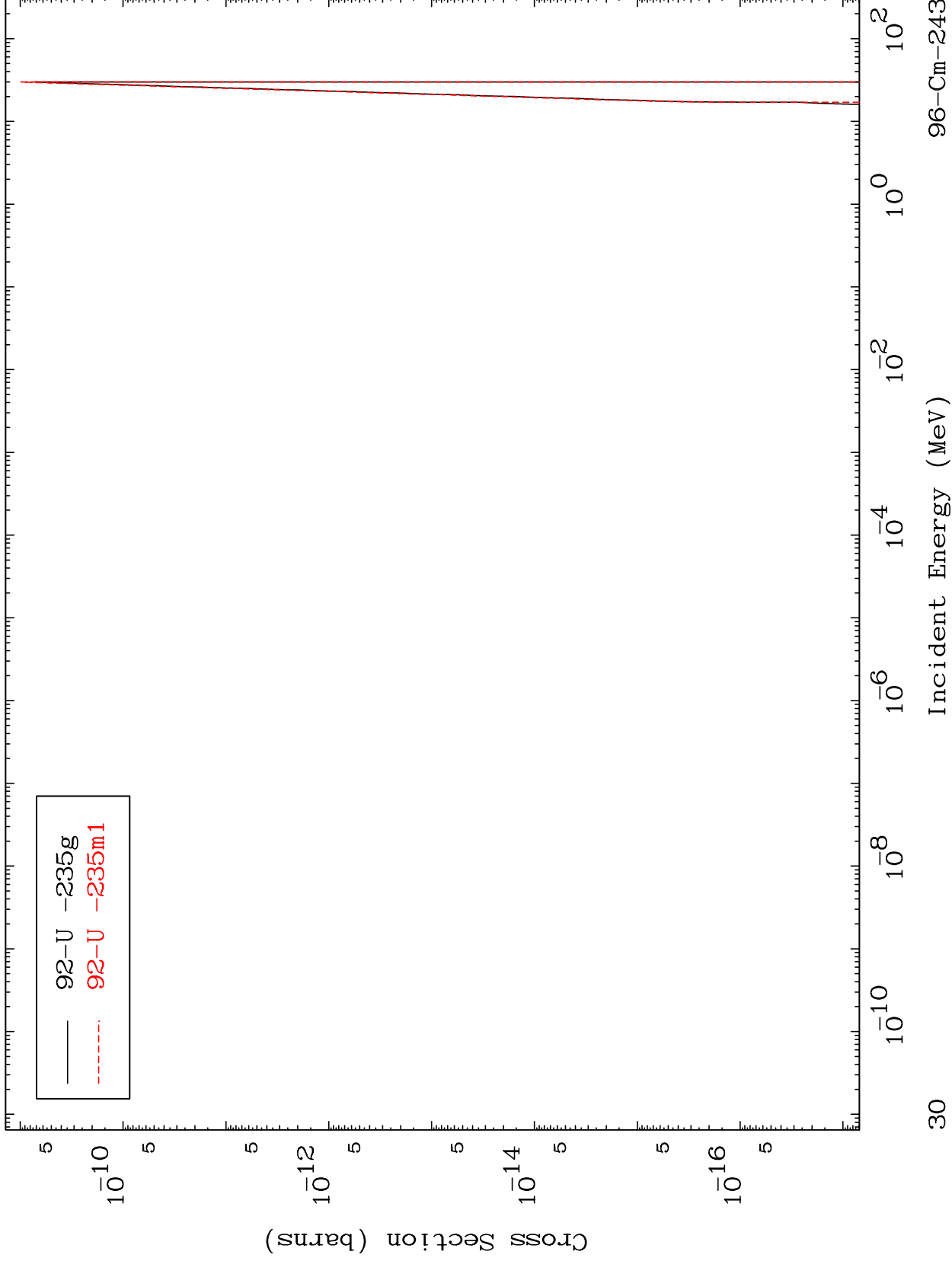
96-Cm-243

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(n,n') 2α

96-Cm-243

Radionuclide Production Cross Section



30

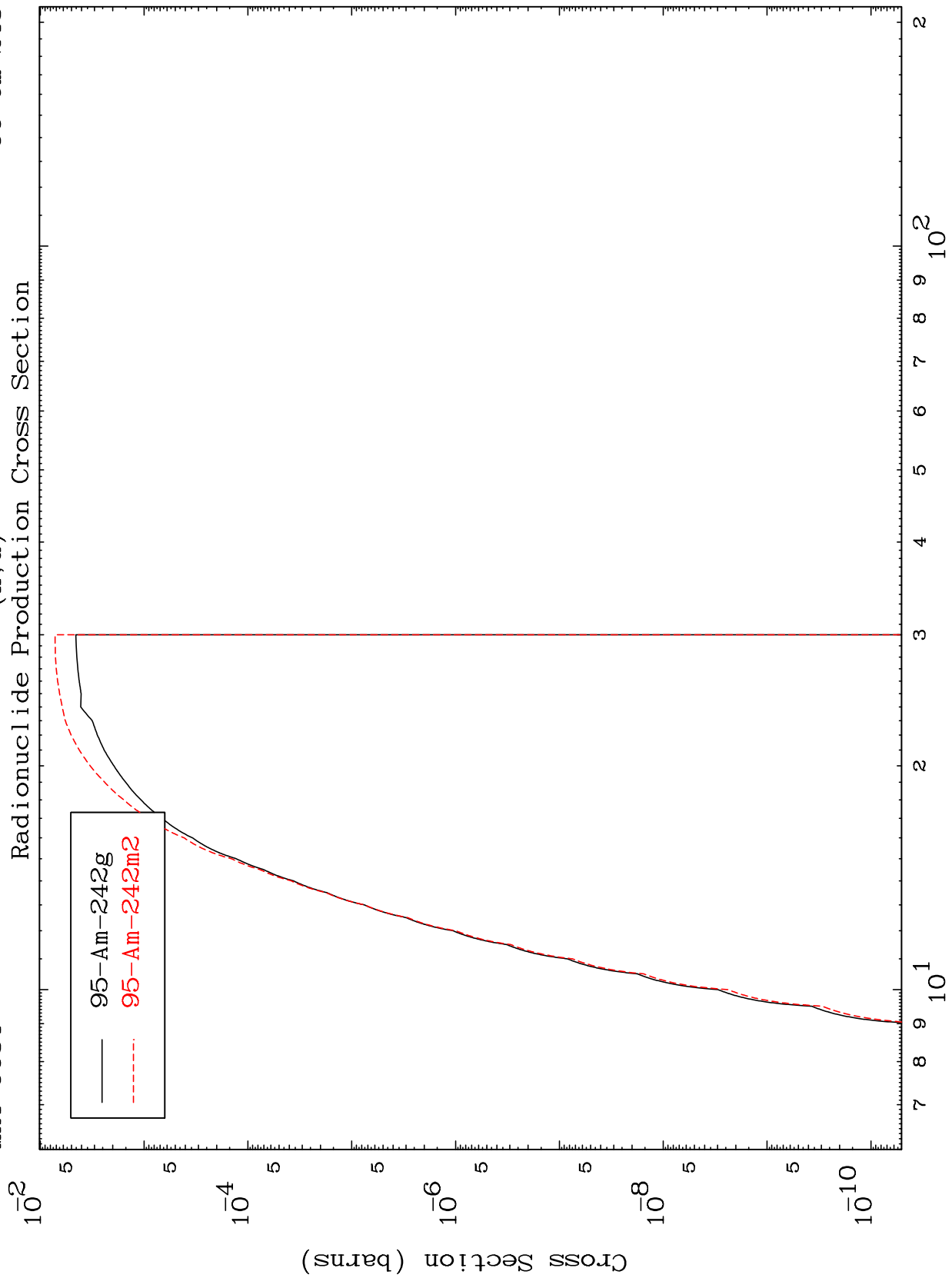
Incident Energy (MeV)

96-Cm-243

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96-Cm-243

(n,d)  
Radionuclide Production Cross Section



Incident Energy (MeV)

96-Cm-243

31