

Program EVALPLOT  
(Version 2021-1)

by

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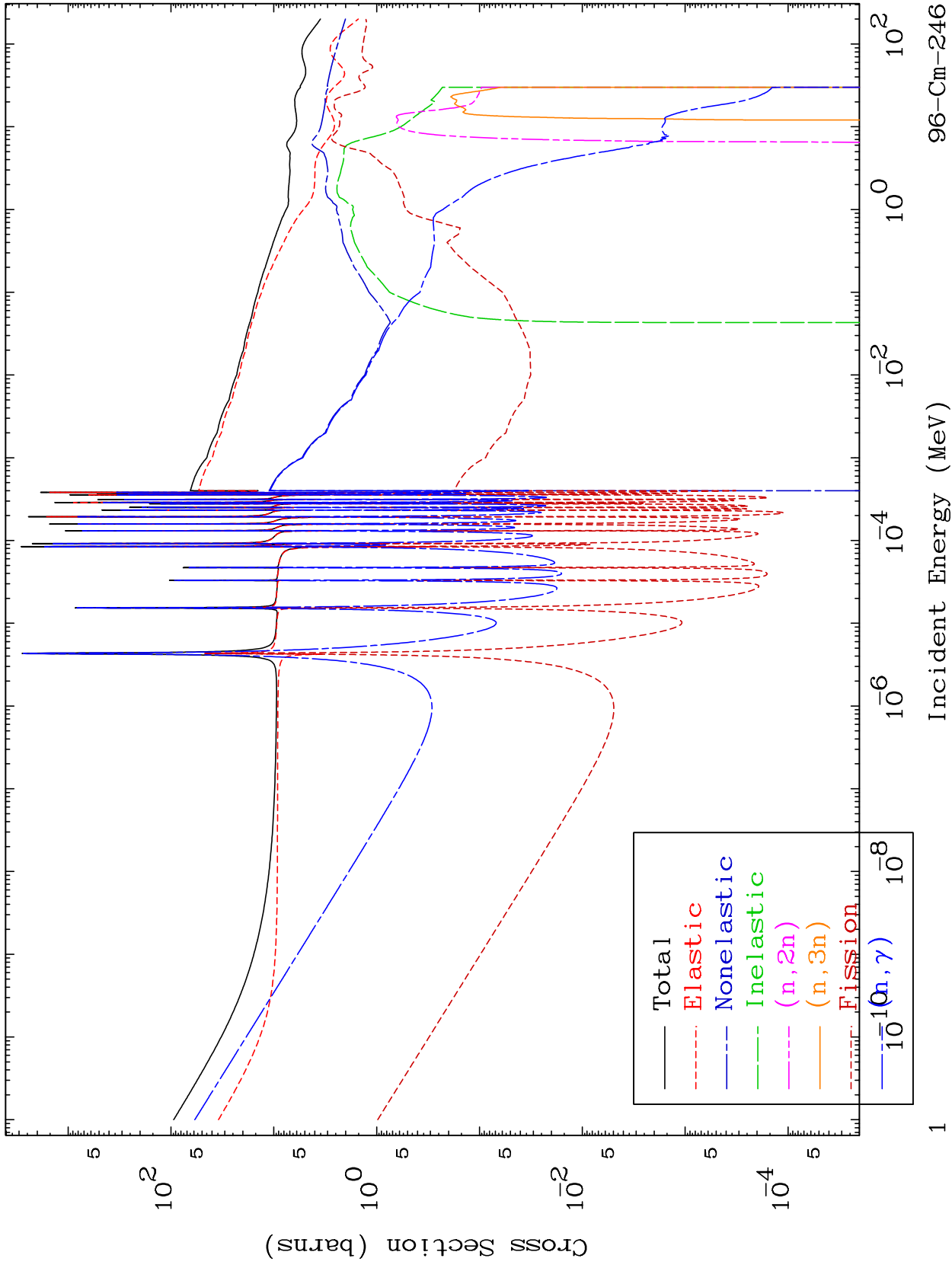
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9643

Neutron Major  
293 Kelvin Cross Sections

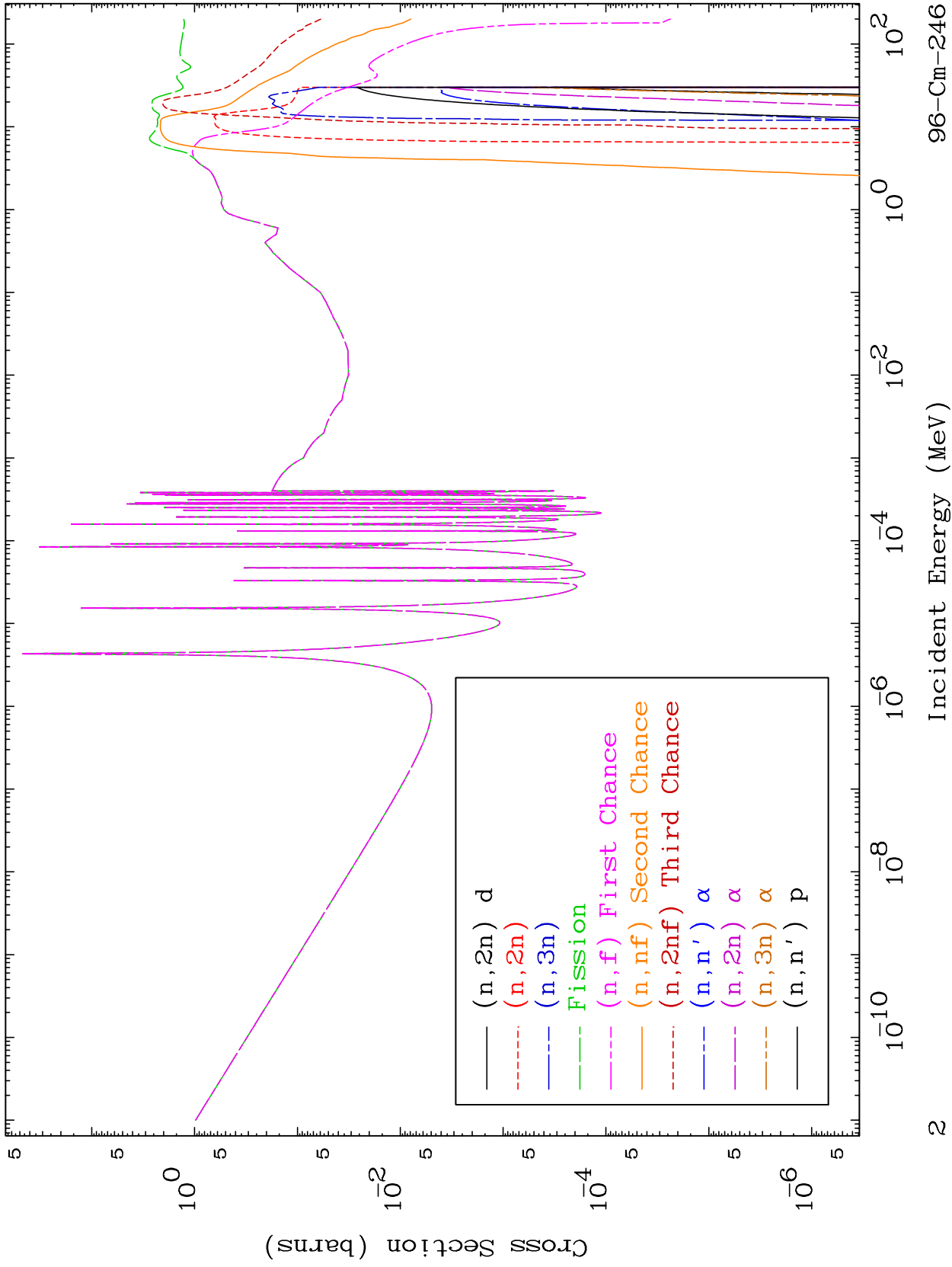
96-Cm-246



MAT 9643

Neutron Absorption  
293 Kelvin Cross Sections

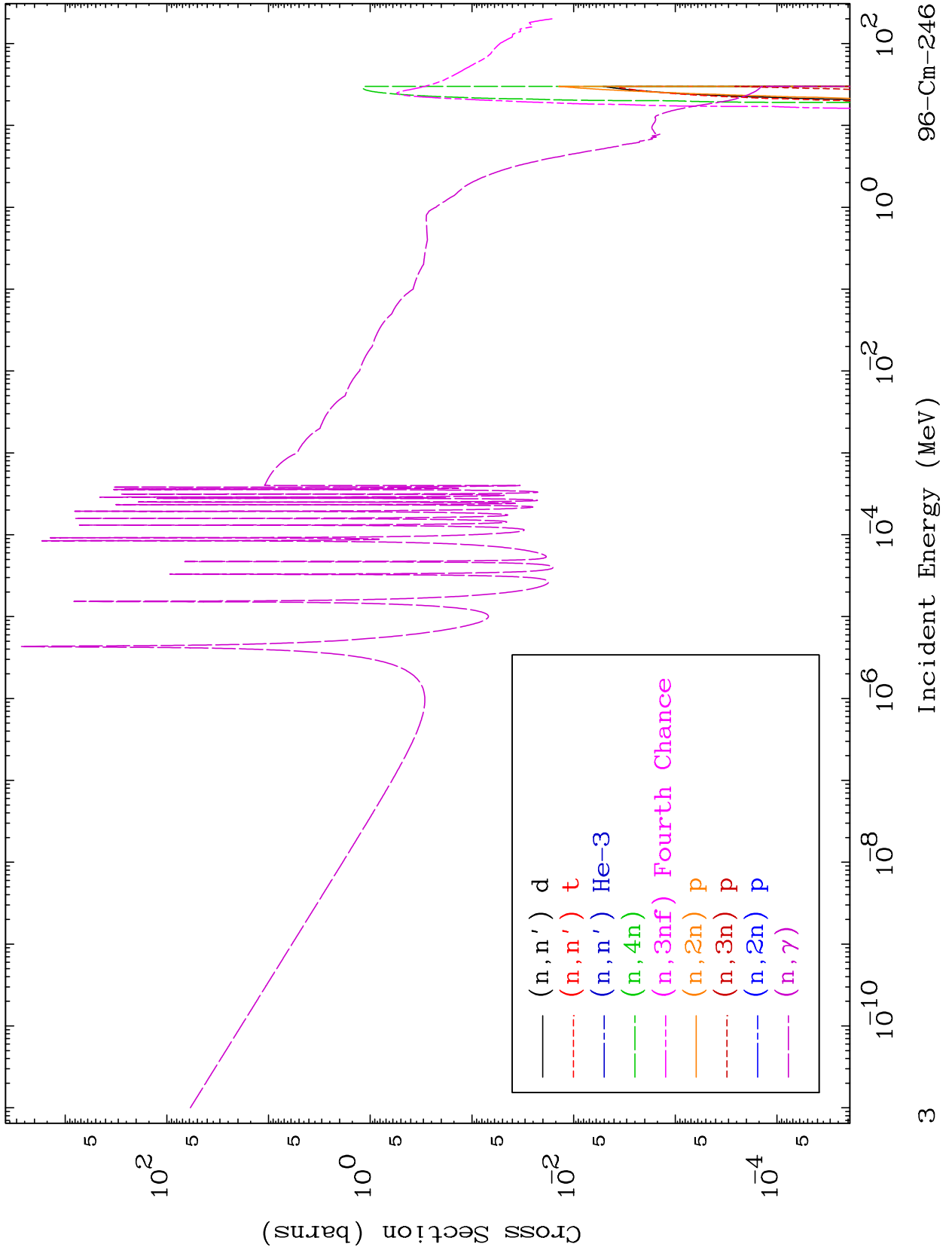
96-Cm-246



MAT 9643

Neutron Absorption  
293 Kelvin Cross Sections

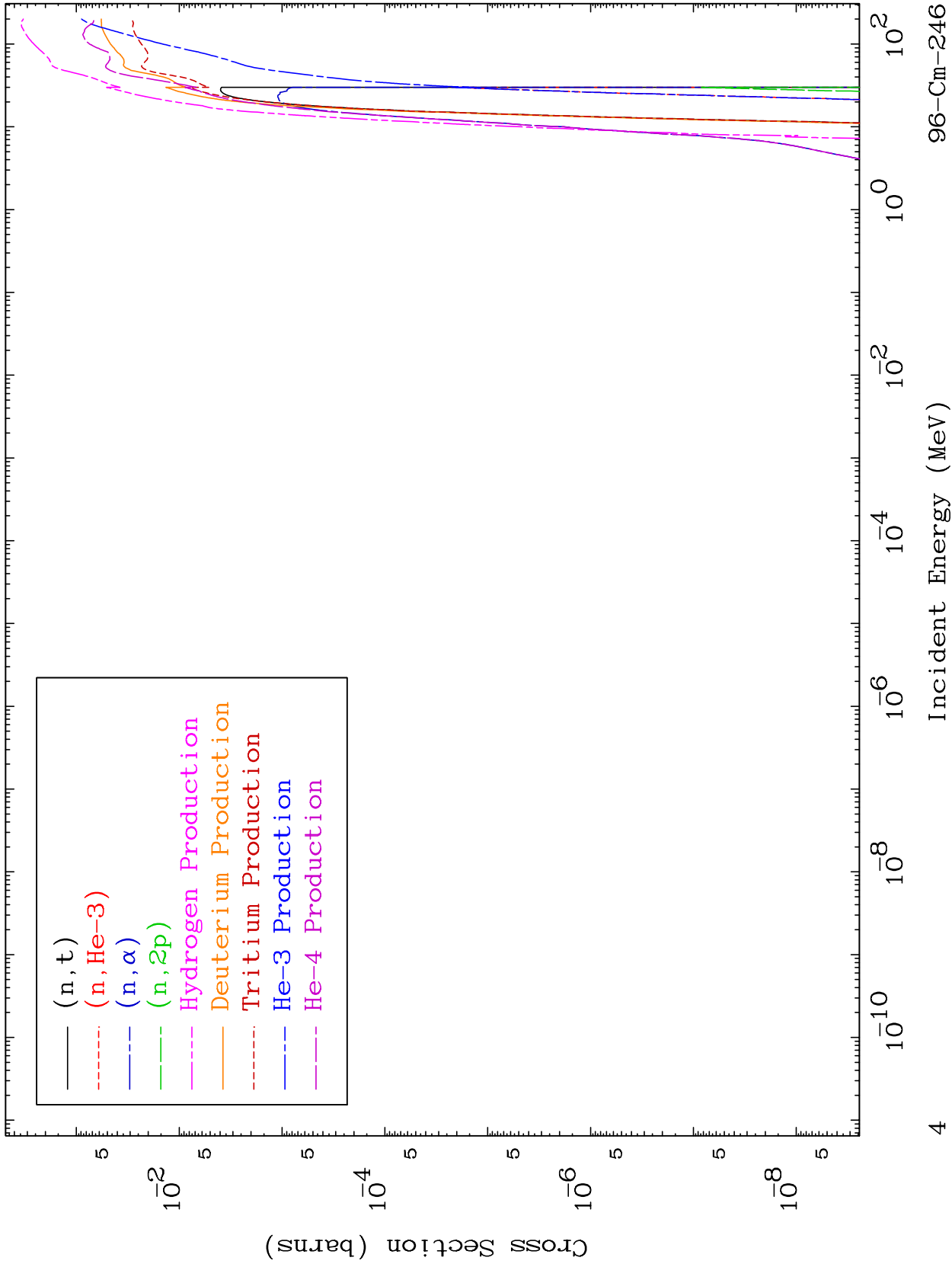
96-Cm-246



MAT 9643

Neutron Absorption  
293 Kelvin Cross Sections

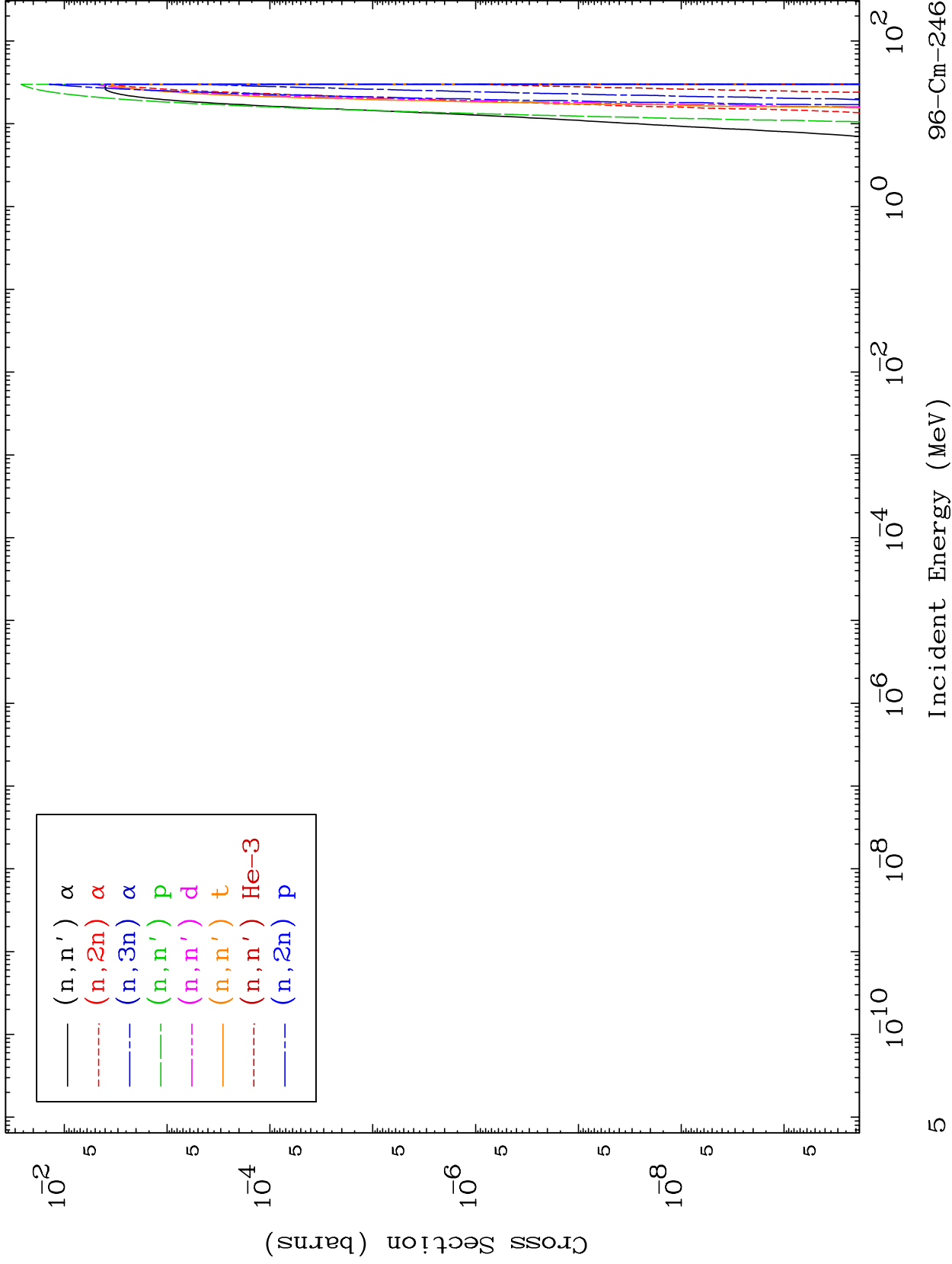
96-Cm-246



MAT 9643

Charged Particle  
293 Kelvin Cross Sections

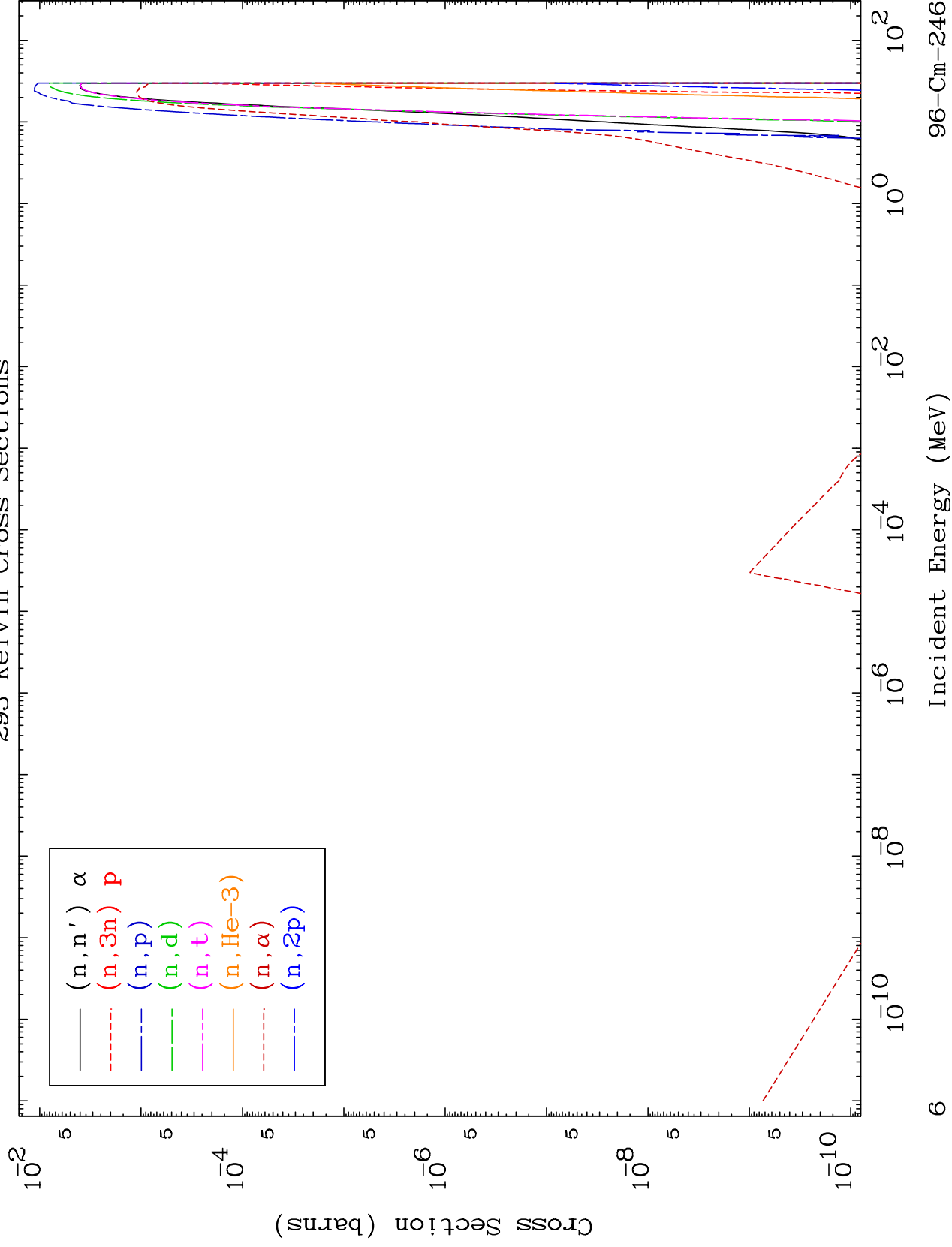
96-Cm-246



MAT 9643

Charged Particle  
293 Kelvin Cross Sections

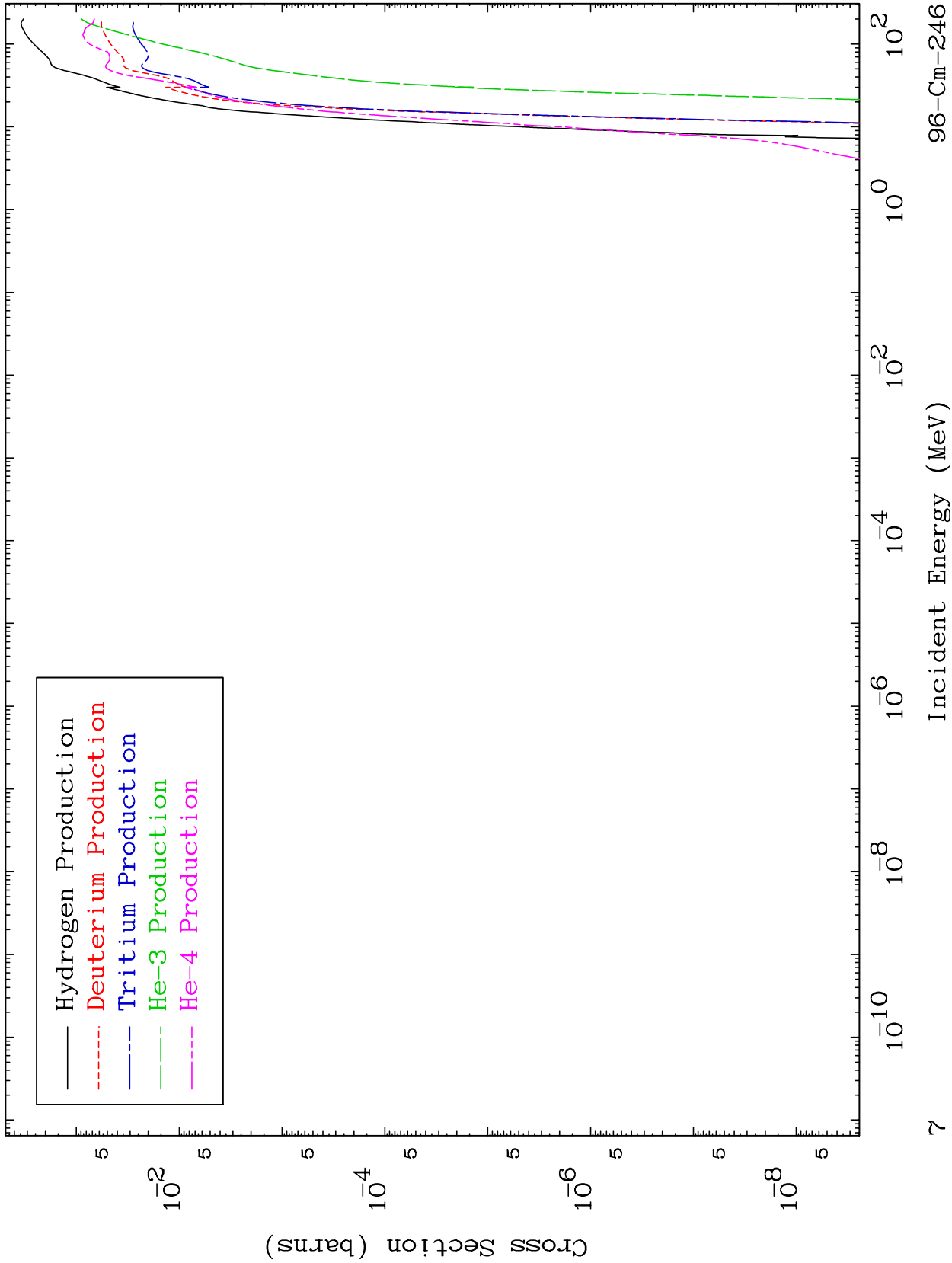
96-Cm-246



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Particle Production  
293 Kelvin Cross Sections

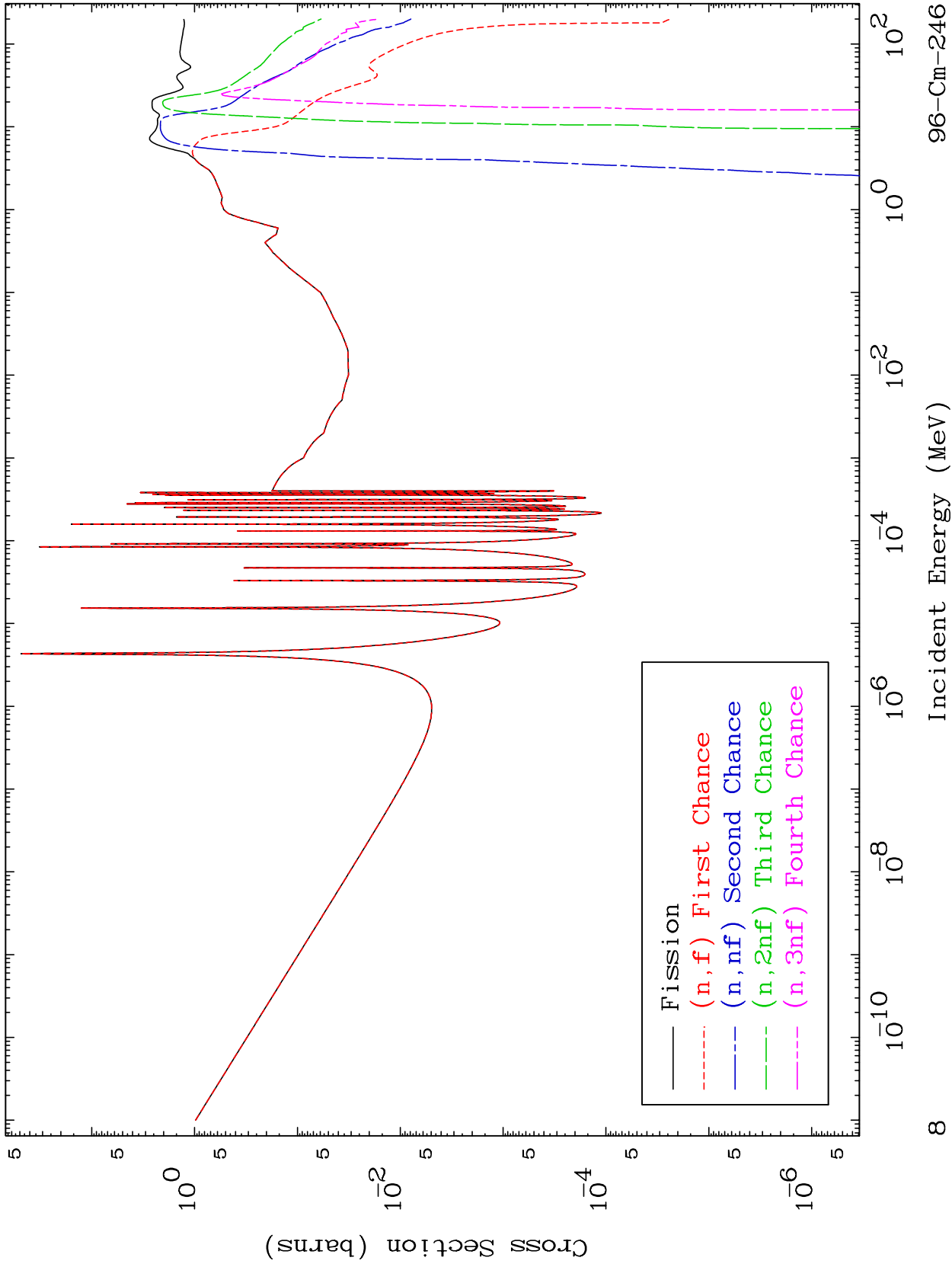
96-Cm-246



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Fission  
293 Kelvin Cross Sections

96-Cm-246

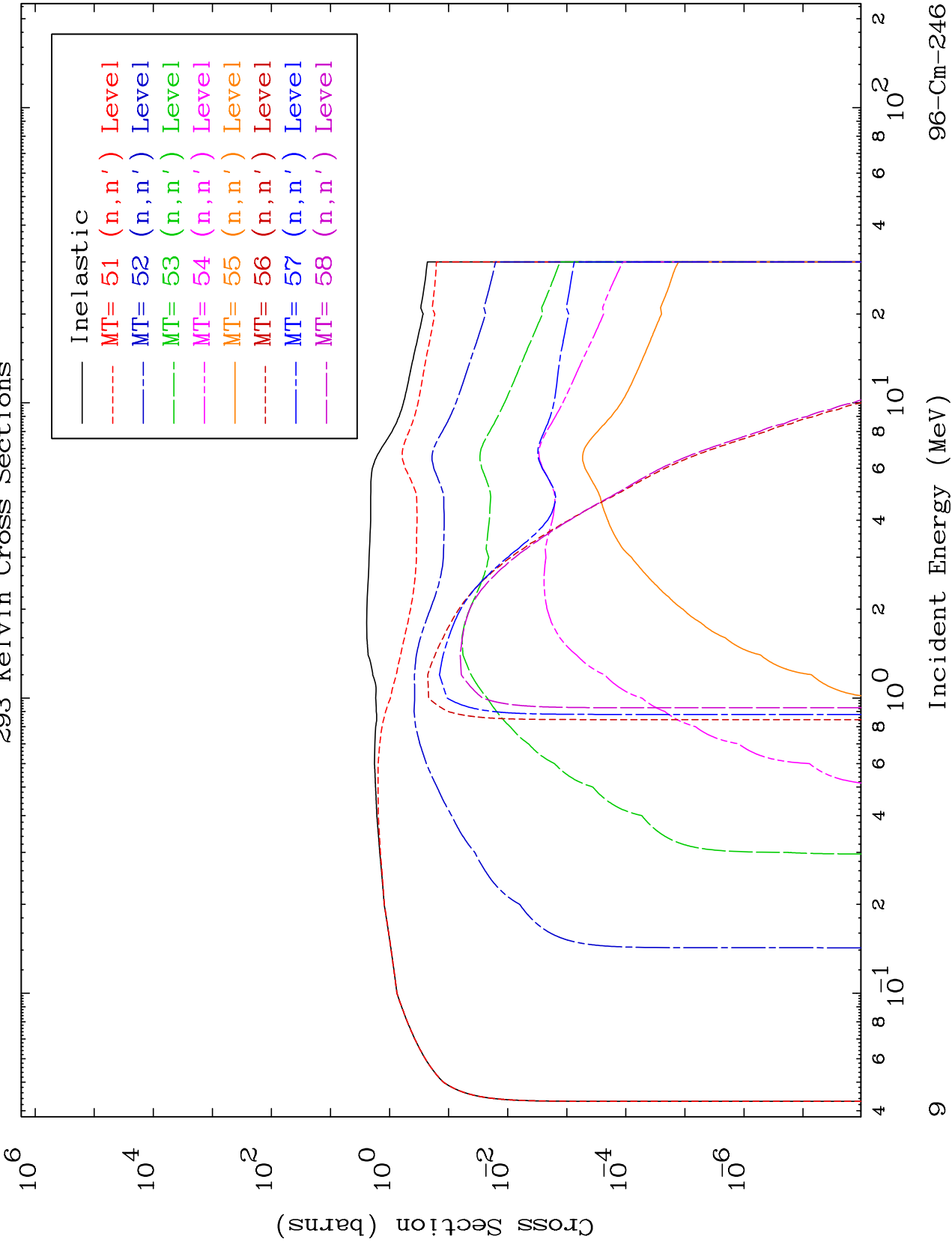


MAT 9643

(n,n') Levels

96-Cm-246

293 Kelvin Cross Sections

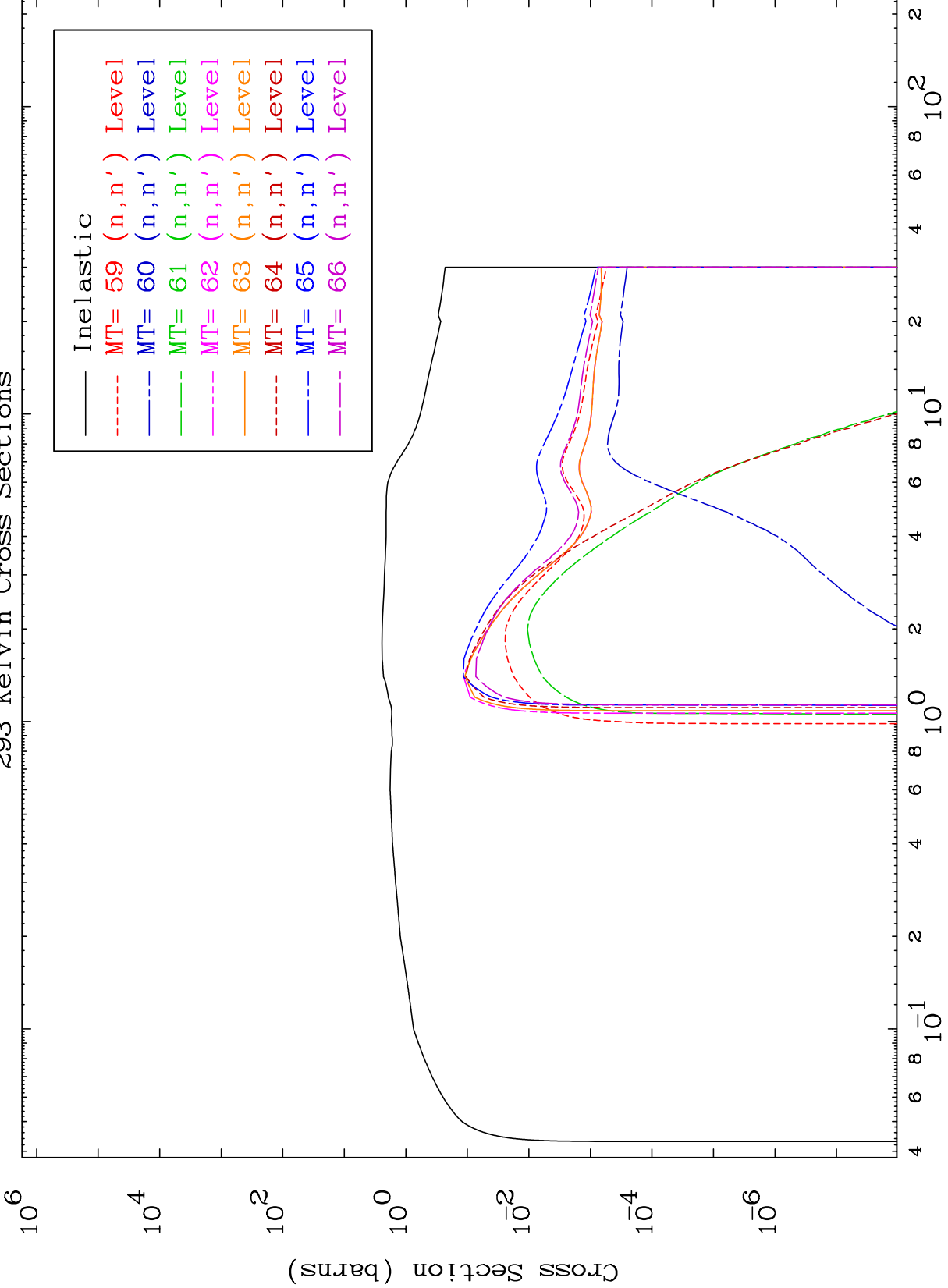


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(n,n') Levels

96-Cm-246

293 Kelvin Cross Sections



10

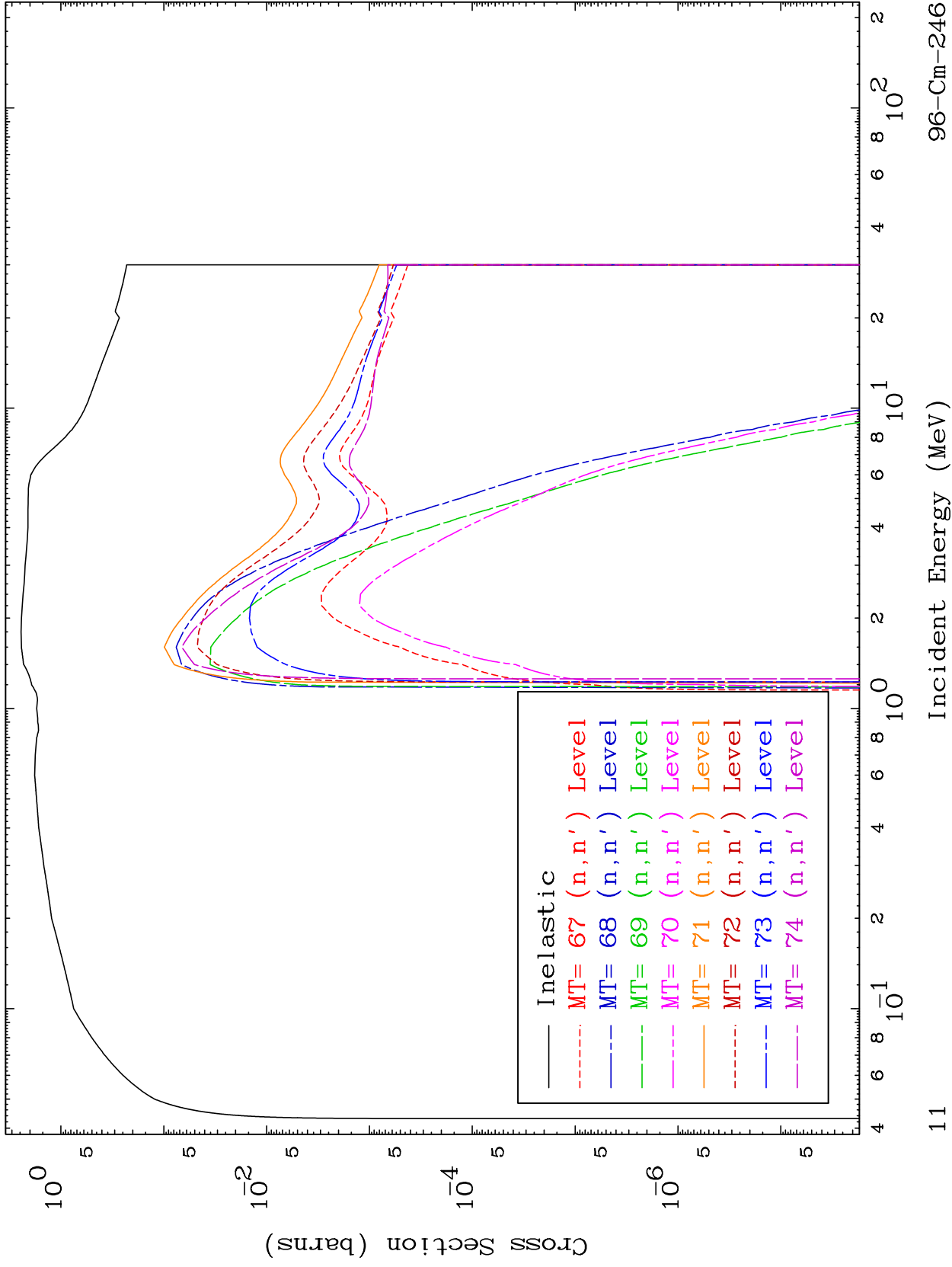
Incident Energy (MeV)

96-Cm-246

MAT 9643

(n,n') Levels  
293 Kelvin Cross Sections

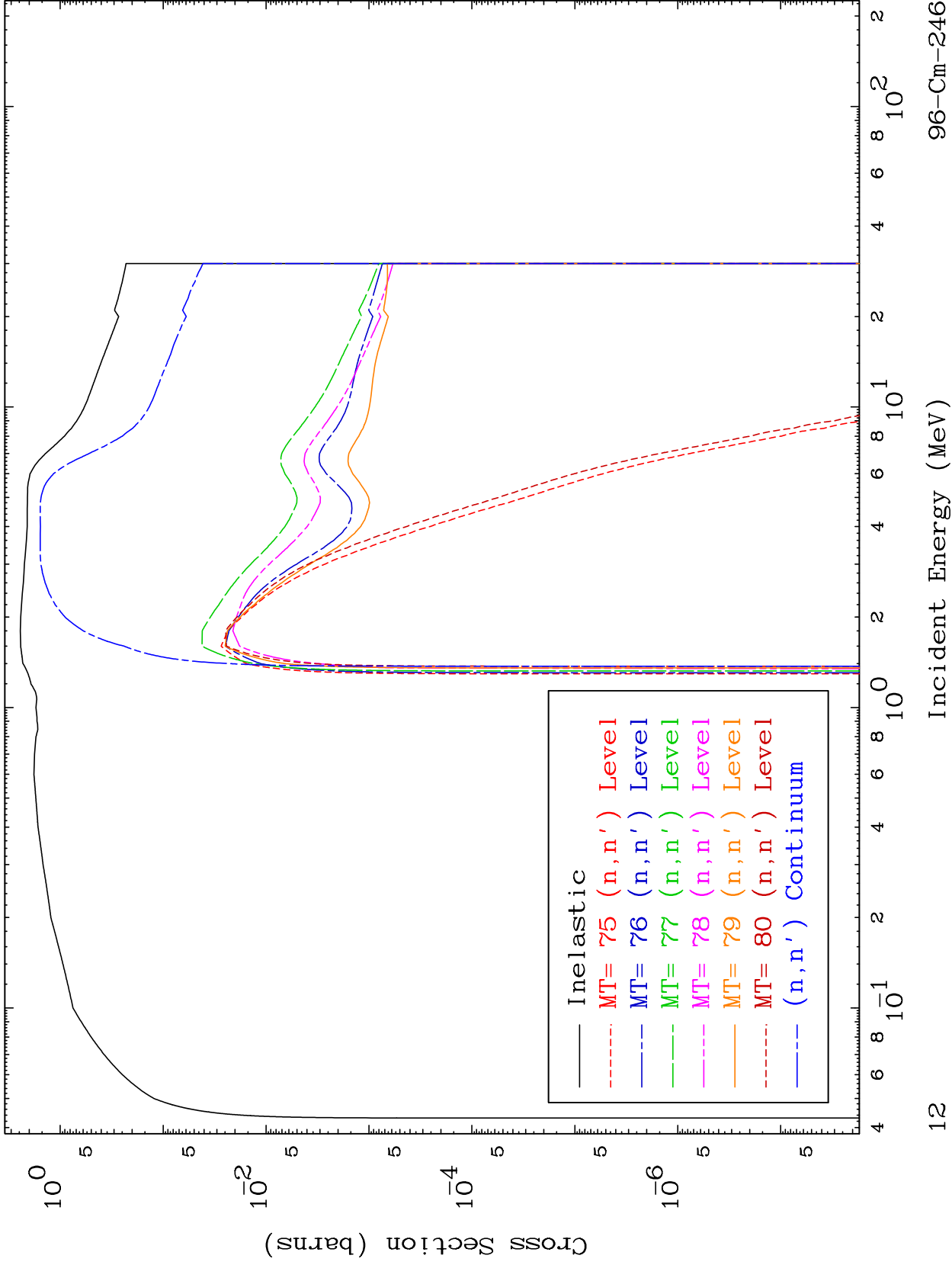
96-Cm-246



MAT 9643

(n,n') Levels  
293 Kelvin Cross Sections

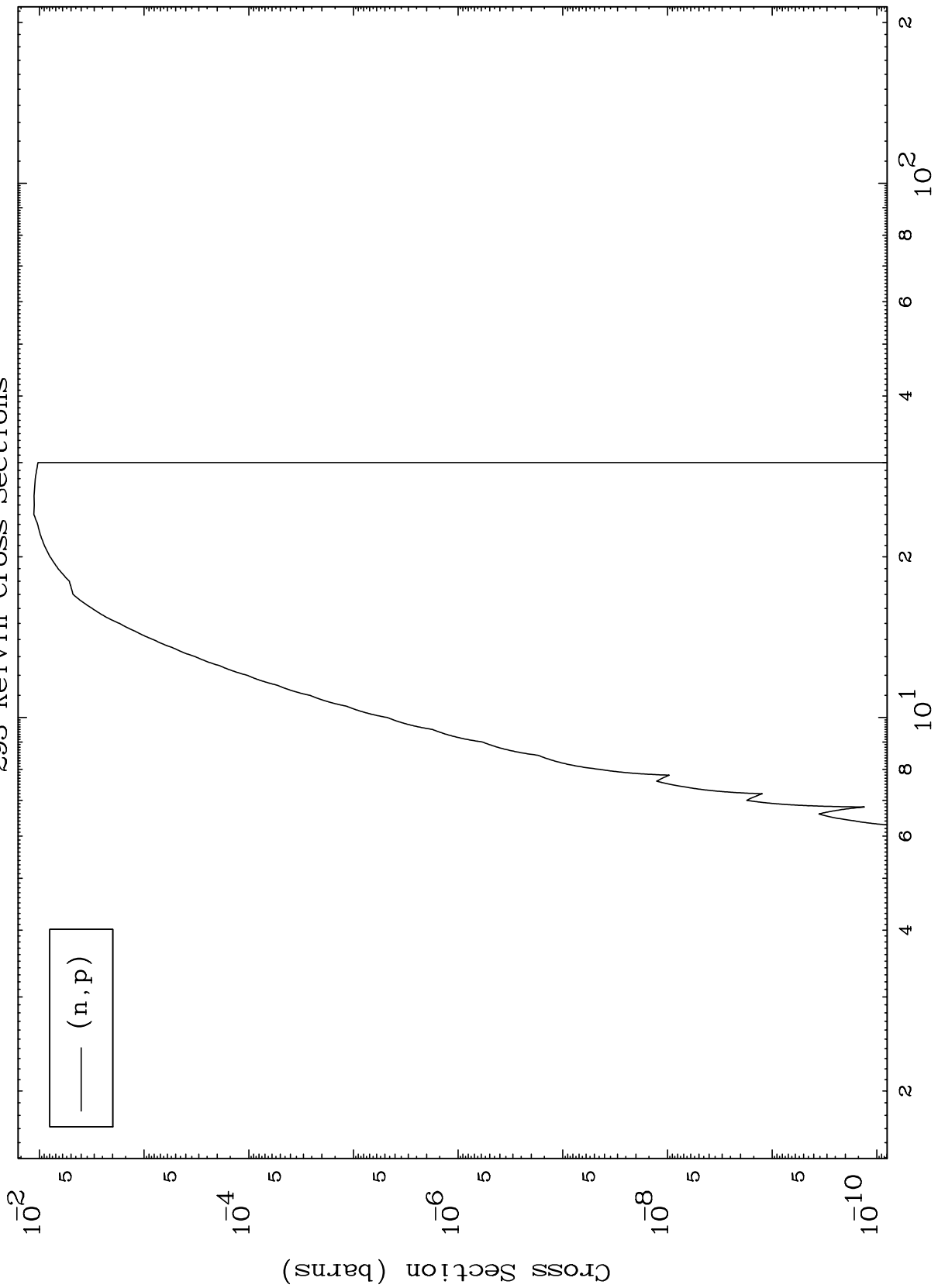
96-Cm-246



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(n,p) Levels  
293 Kelvin Cross Sections

96-Cm-246



13

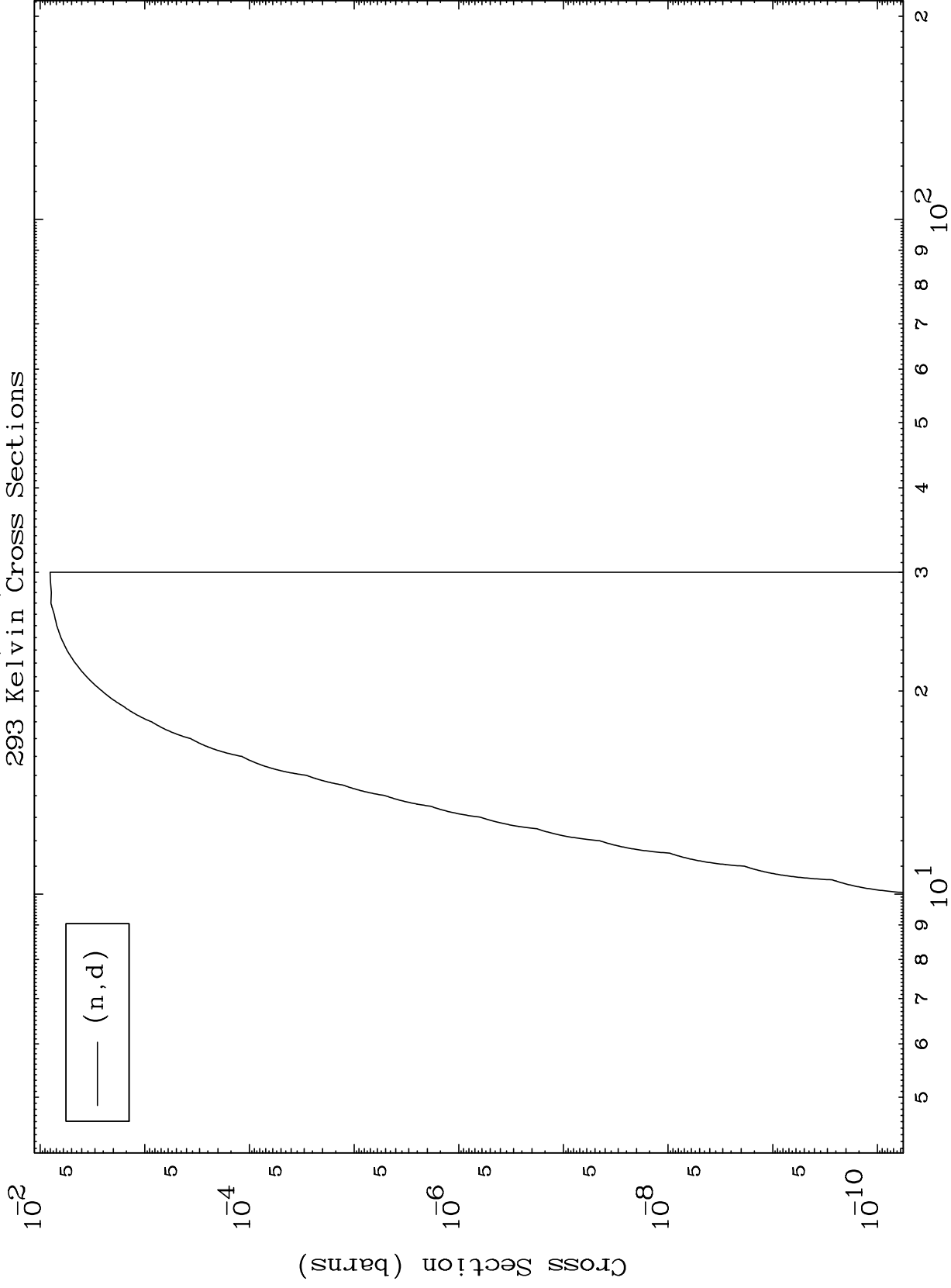
Incident Energy (MeV)

96-Cm-246

MAT 9643

(n,d) Levels  
293 Kelvin Cross Sections

96-Cm-246



14

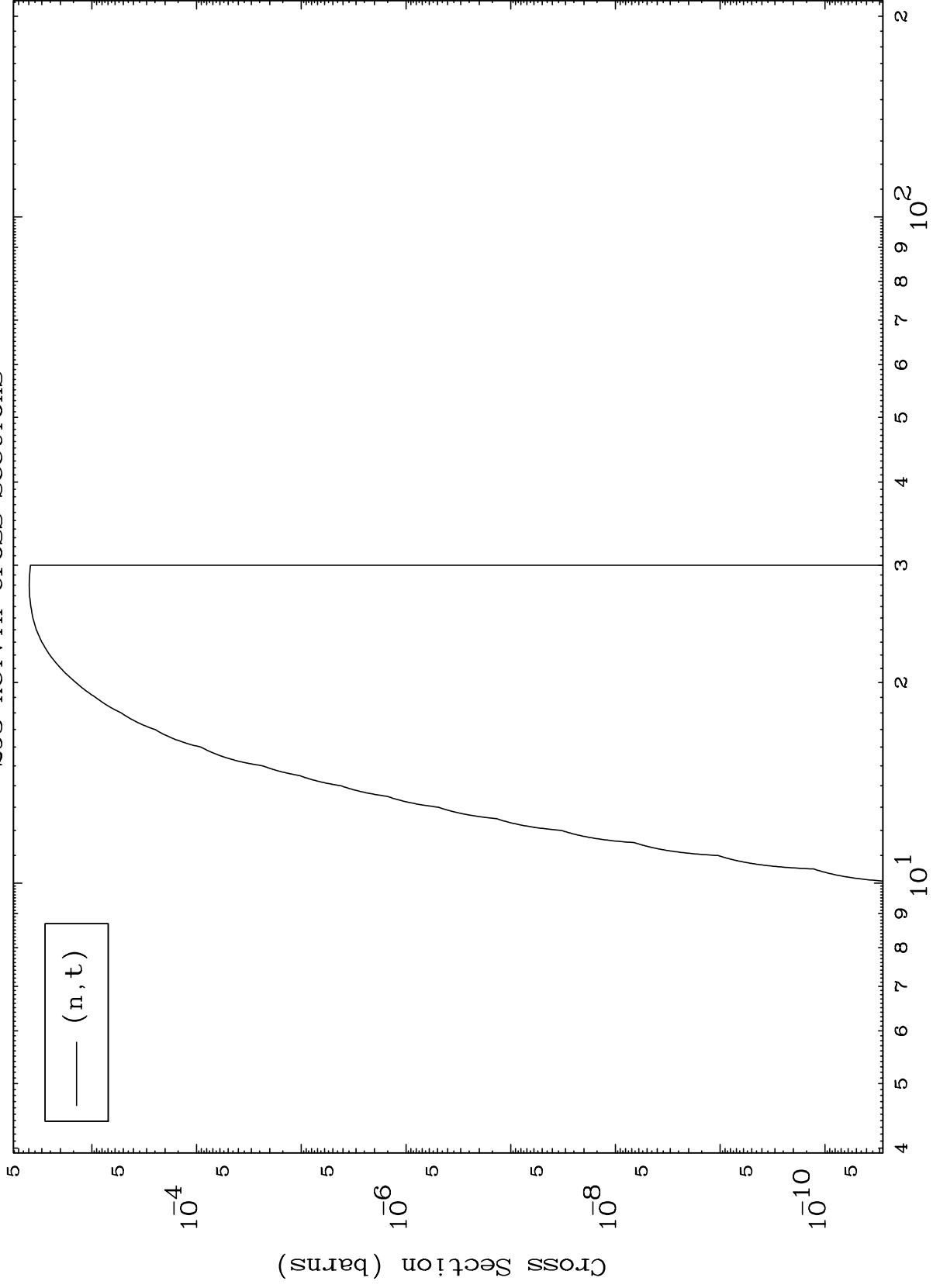
Incident Energy (MeV)

96-Cm-246

MAT 9643

(n,t) Levels  
293 Kelvin Cross Sections

96-Cm-246



15

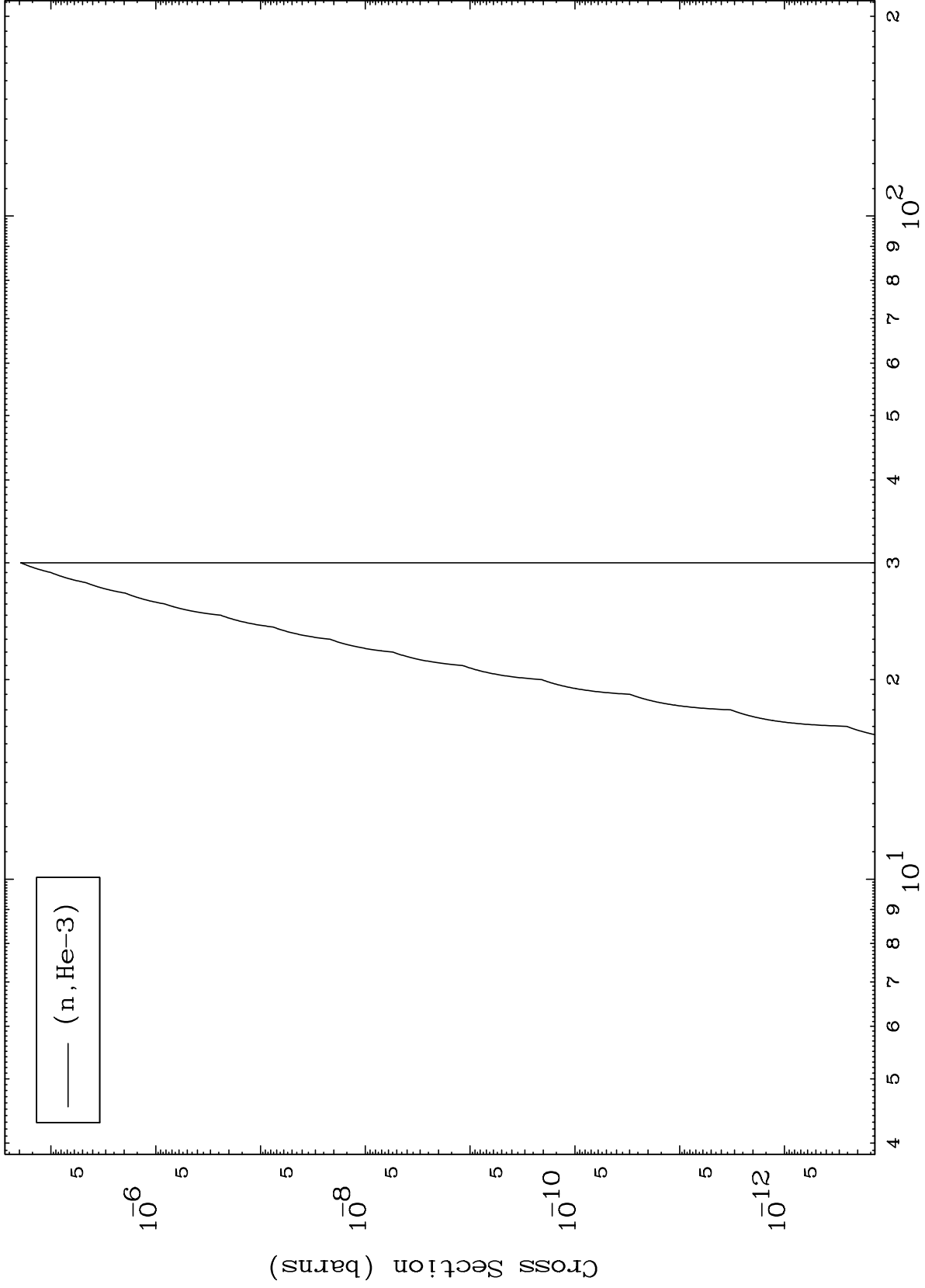
Incident Energy (MeV)

96-Cm-246

MAT 9643

(n,He3) Levels  
293 Kelvin Cross Sections

96-Cm-246



16

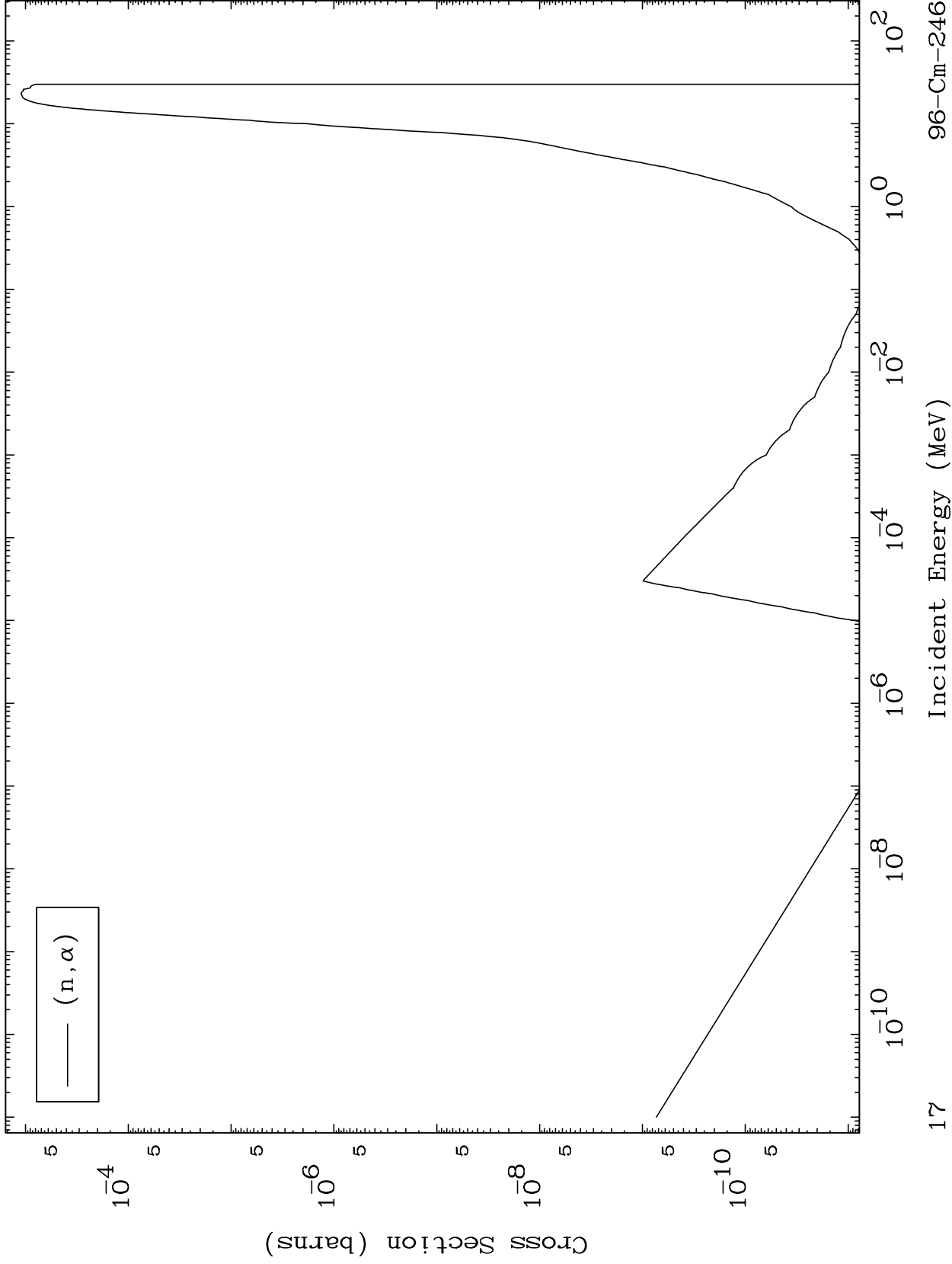
Incident Energy (MeV)

96-Cm-246

MAT 9643

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

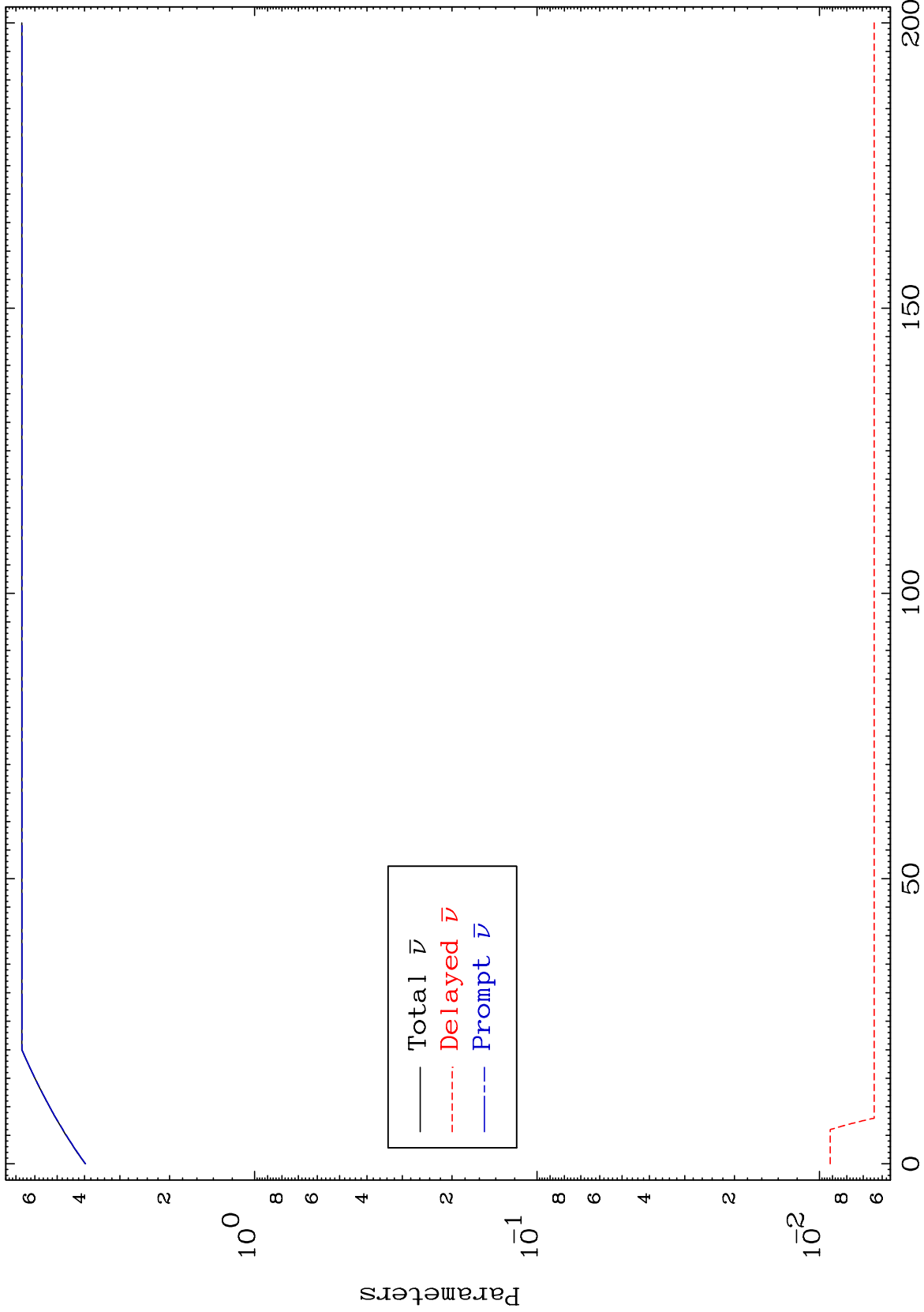
96-Cm-246



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Energy Release  
Parameters

96-Cm-246



18

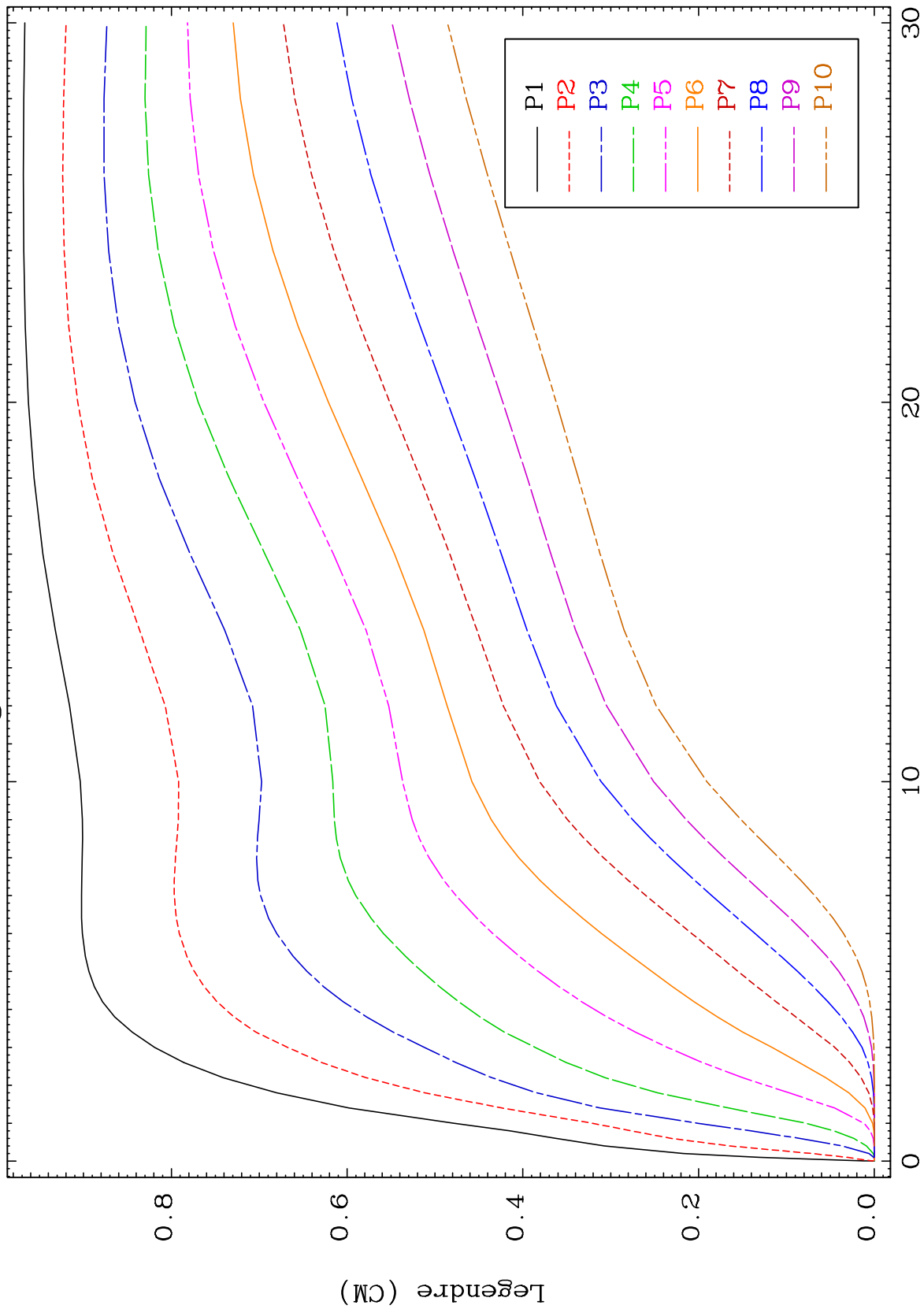
Incident Energy (MeV)

96-Cm-246

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Elastic Legendre Coefficients

96-Cm-246



19

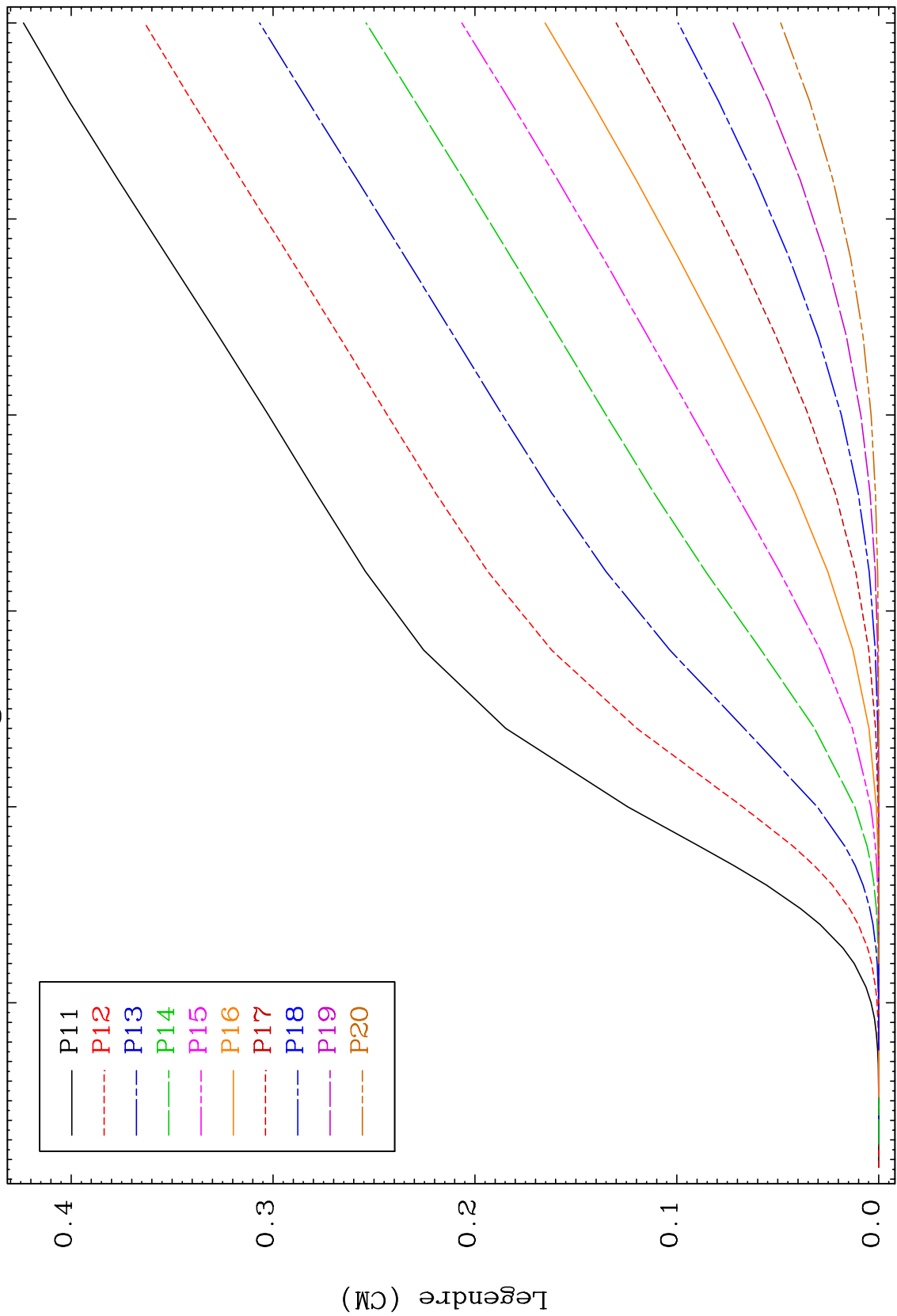
Incident Energy (MeV)

96-Cm-246

MAT 9643

Elastic Legendre Coefficients

96-Cm-246



20

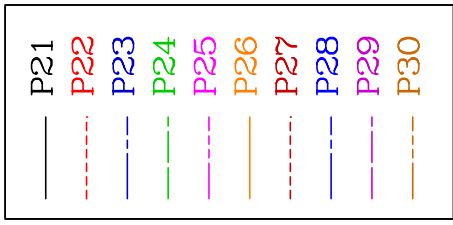
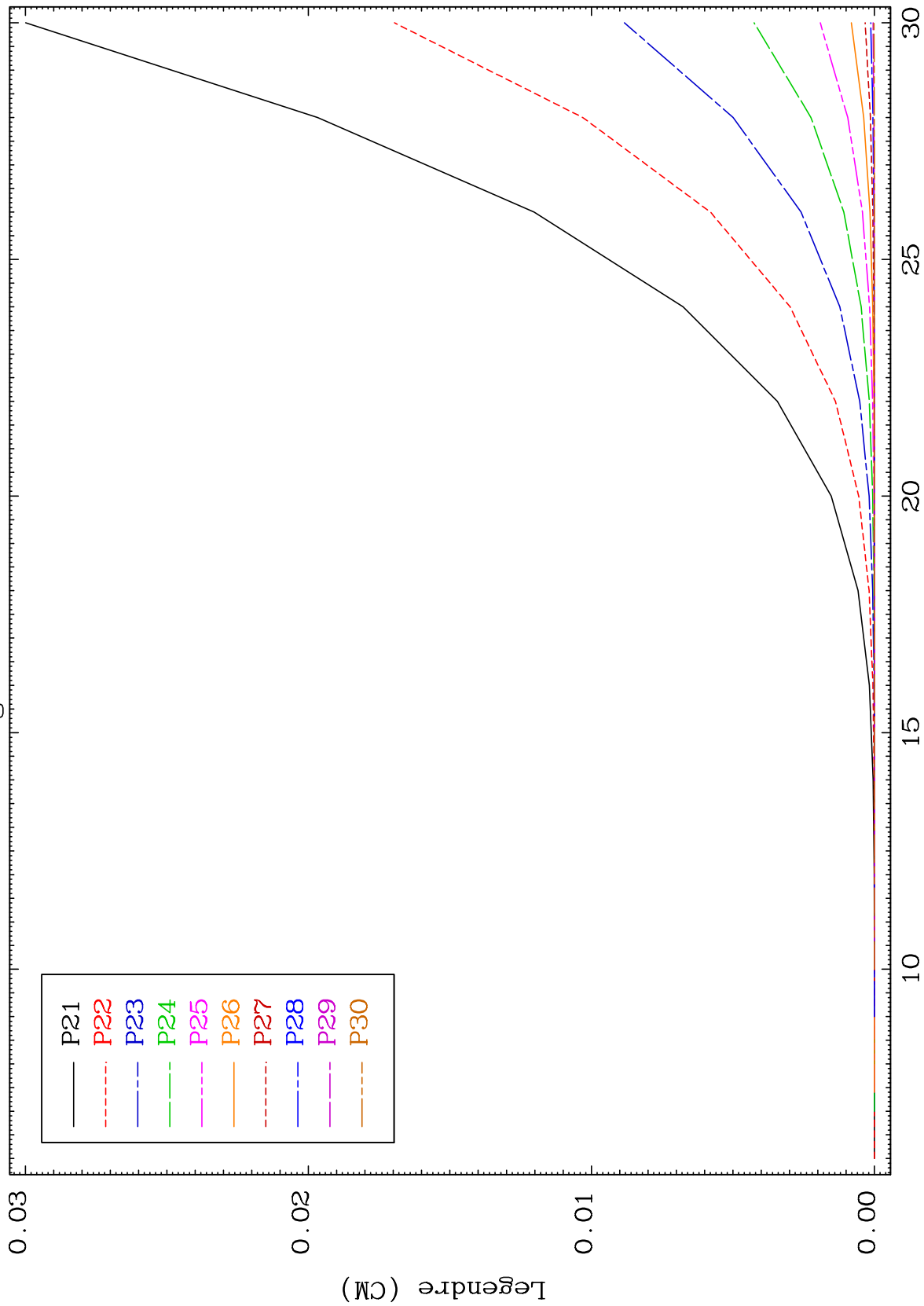
Incident Energy (MeV)

96-Cm-246

MAT 9643

Elastic  
Legendre Coefficients

96-Cm-246



21

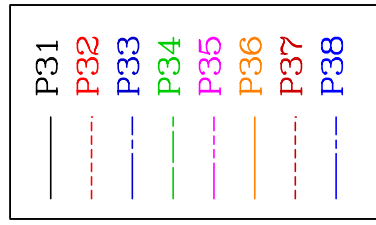
Incident Energy (MeV)

96-Cm-246

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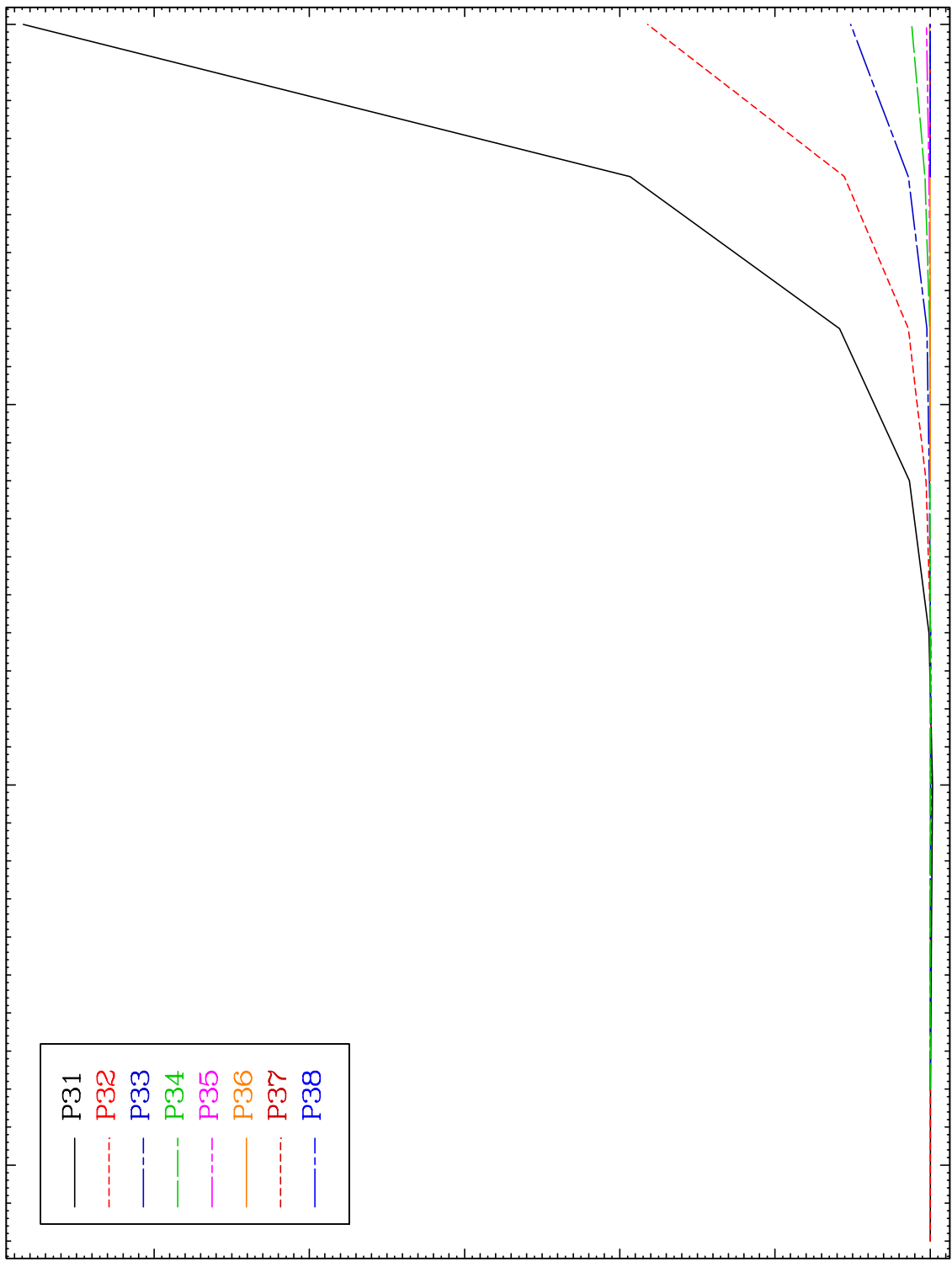
Elastic  
Legendre Coefficients

96-Cm-246



$\times 10^{-6}$

Legendre (CM)



22

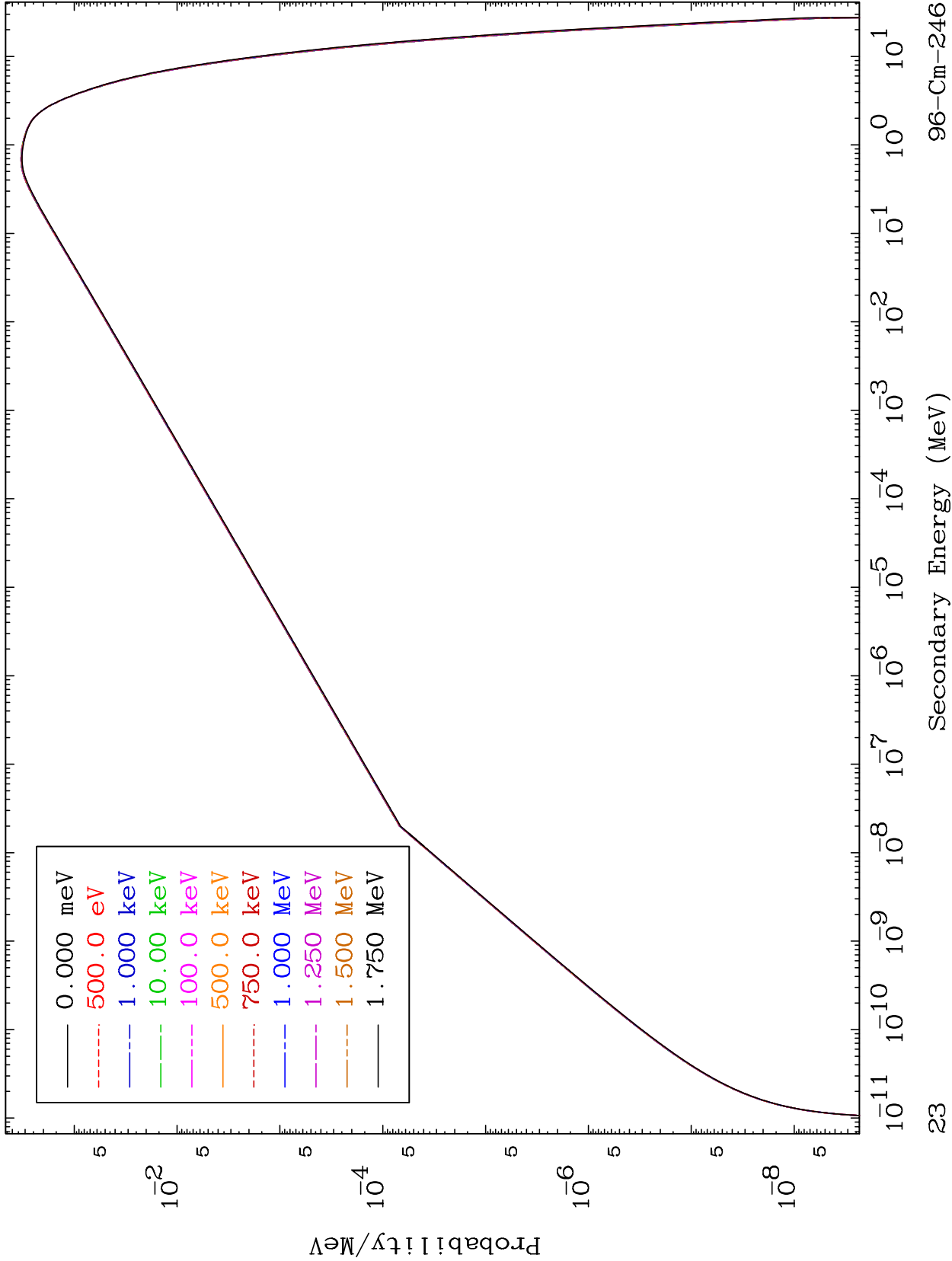
Incident Energy (MeV)

96-Cm-246

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### Fission Energy Distributions

96-Cm-246



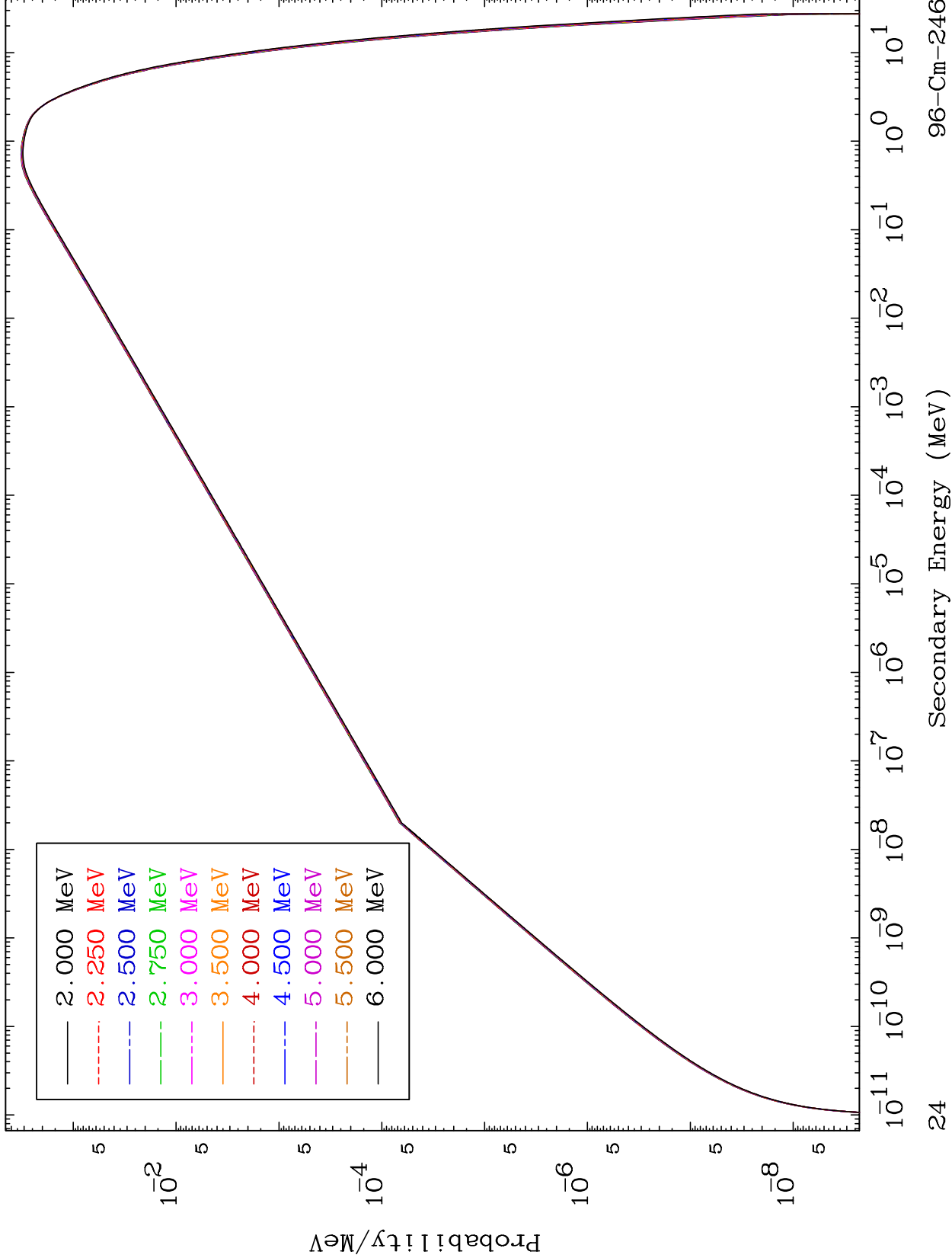
96-Cm-246

Secondary Energy (MeV)

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### Fission Energy Distributions

96-Cm-246



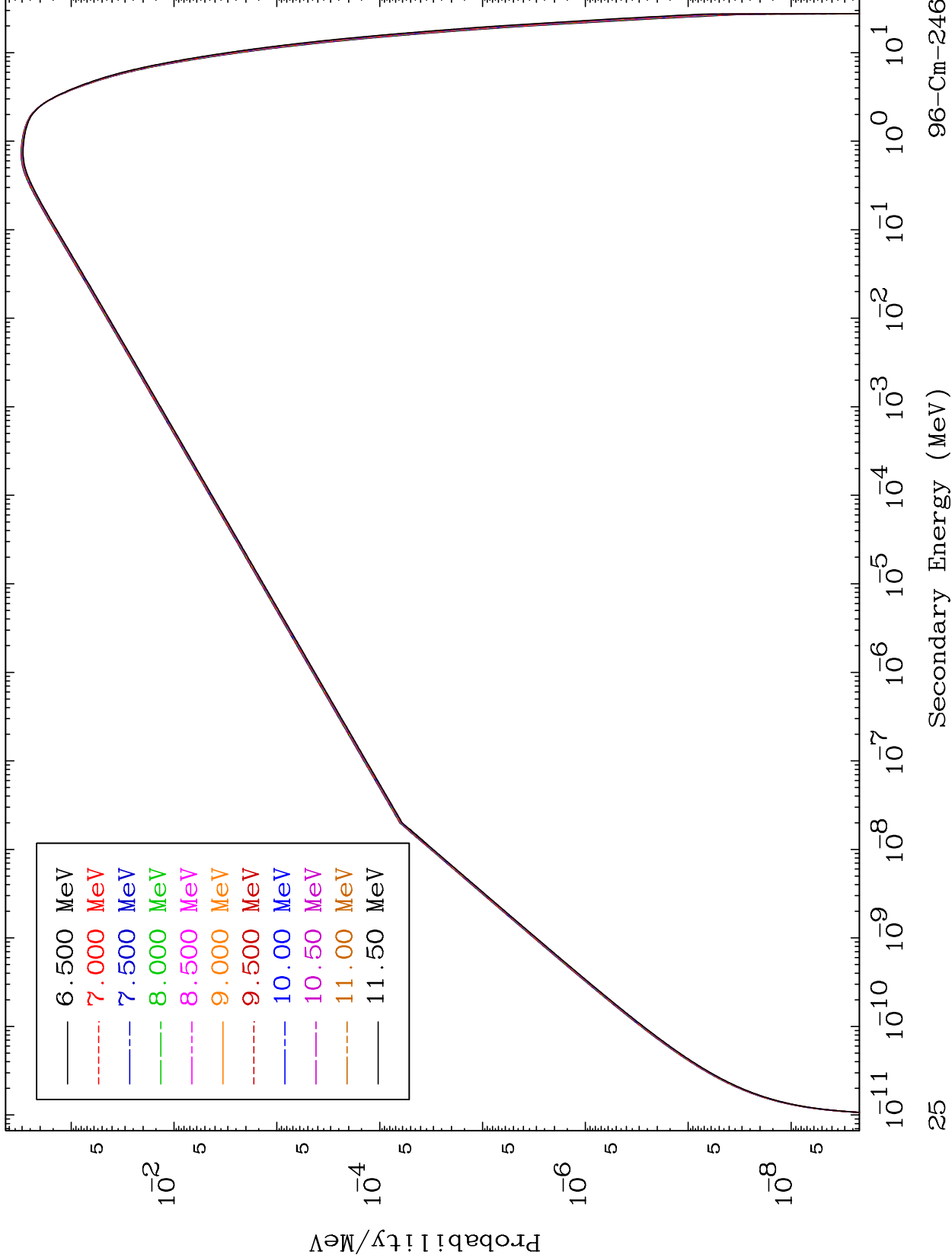
96-Cm-246

24

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### Fission Energy Distributions

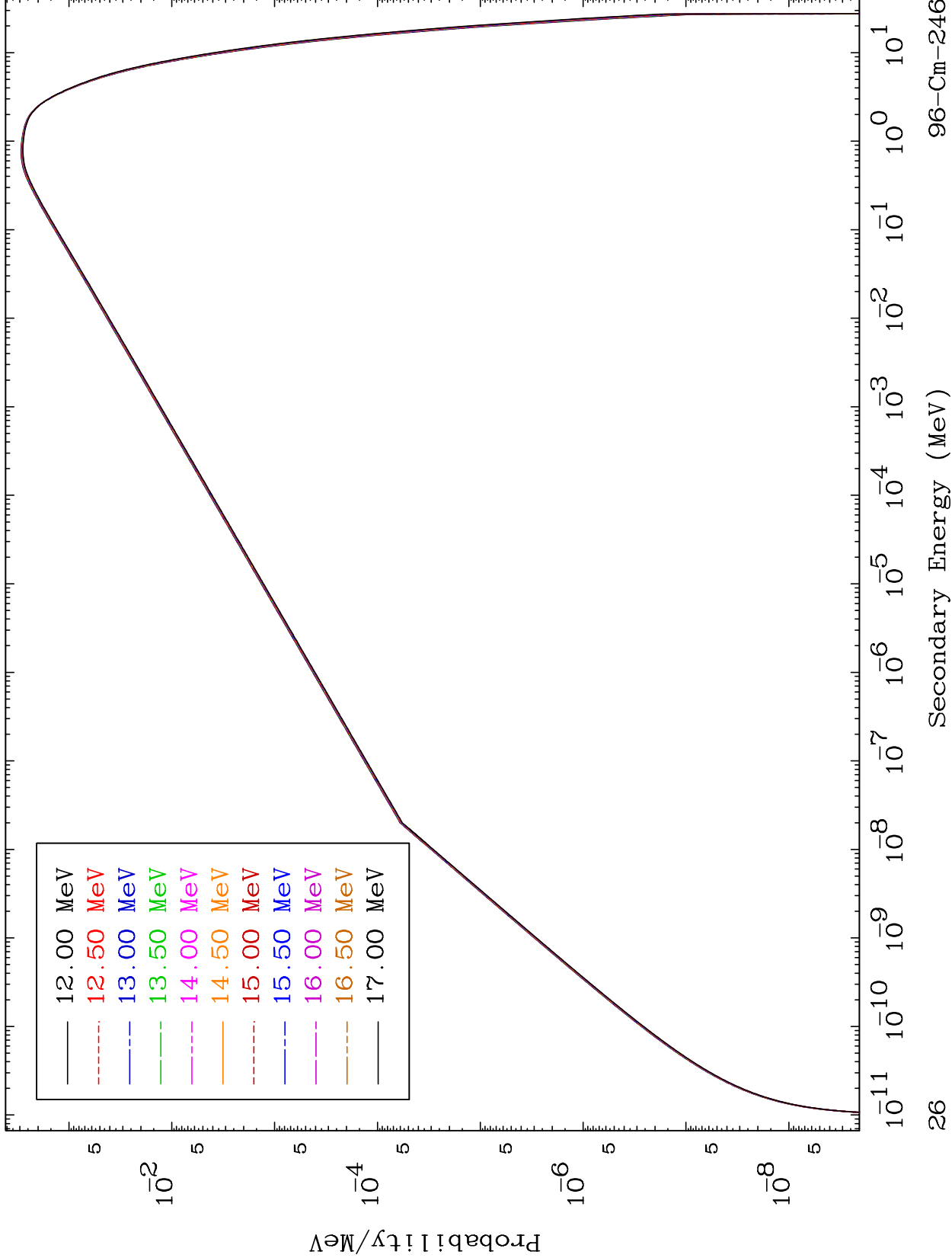
96-Cm-246



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### Fission Energy Distributions

96-Cm-246



96-Cm-246

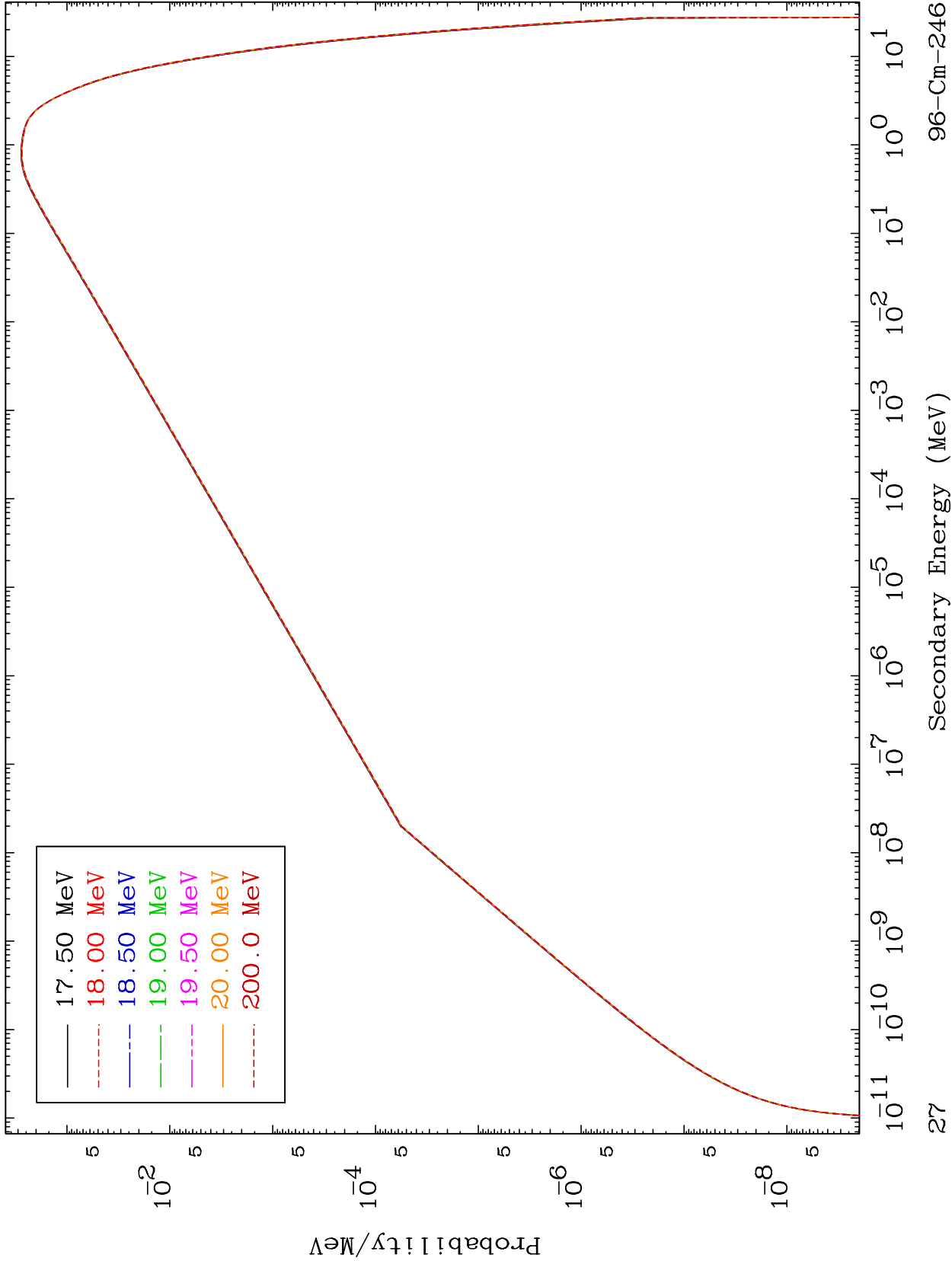
Secondary Energy (MeV)

26

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Fission Energy Distributions

96-Cm-246

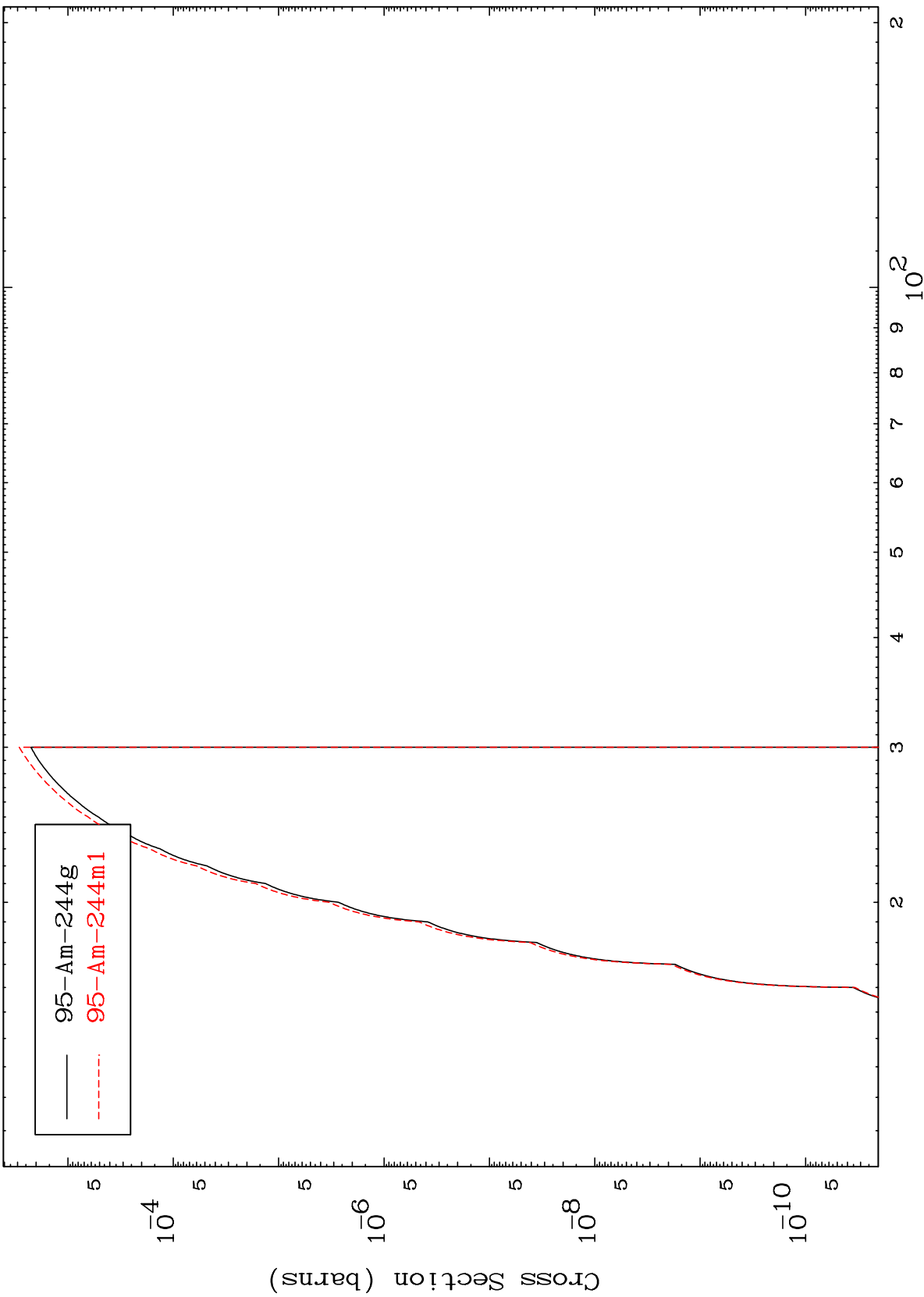


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(n,n') d

96-Cm-246

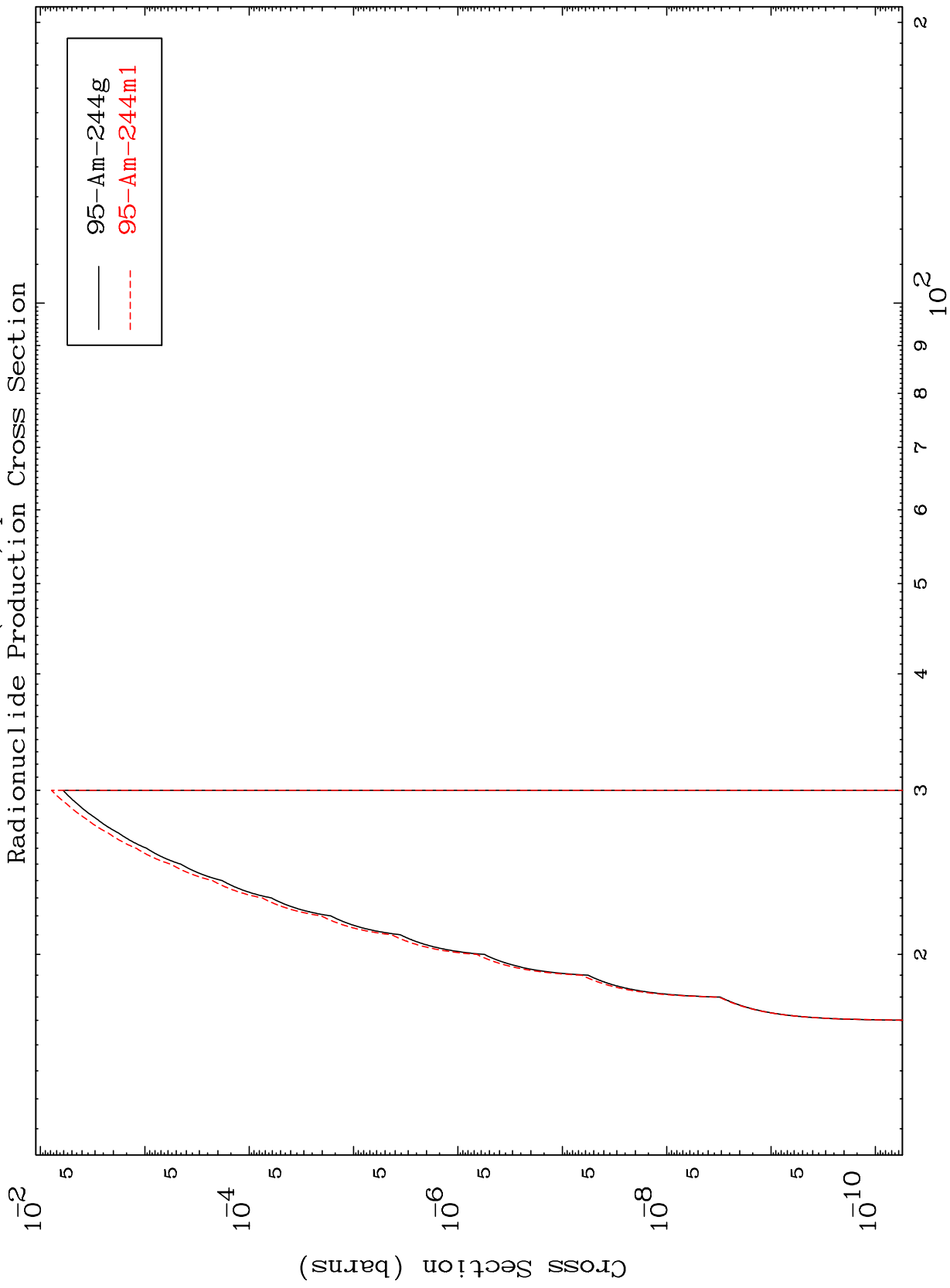
Radionuclide Production Cross Section



MAT 9643

96-Cm-246

(n,2n) p  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

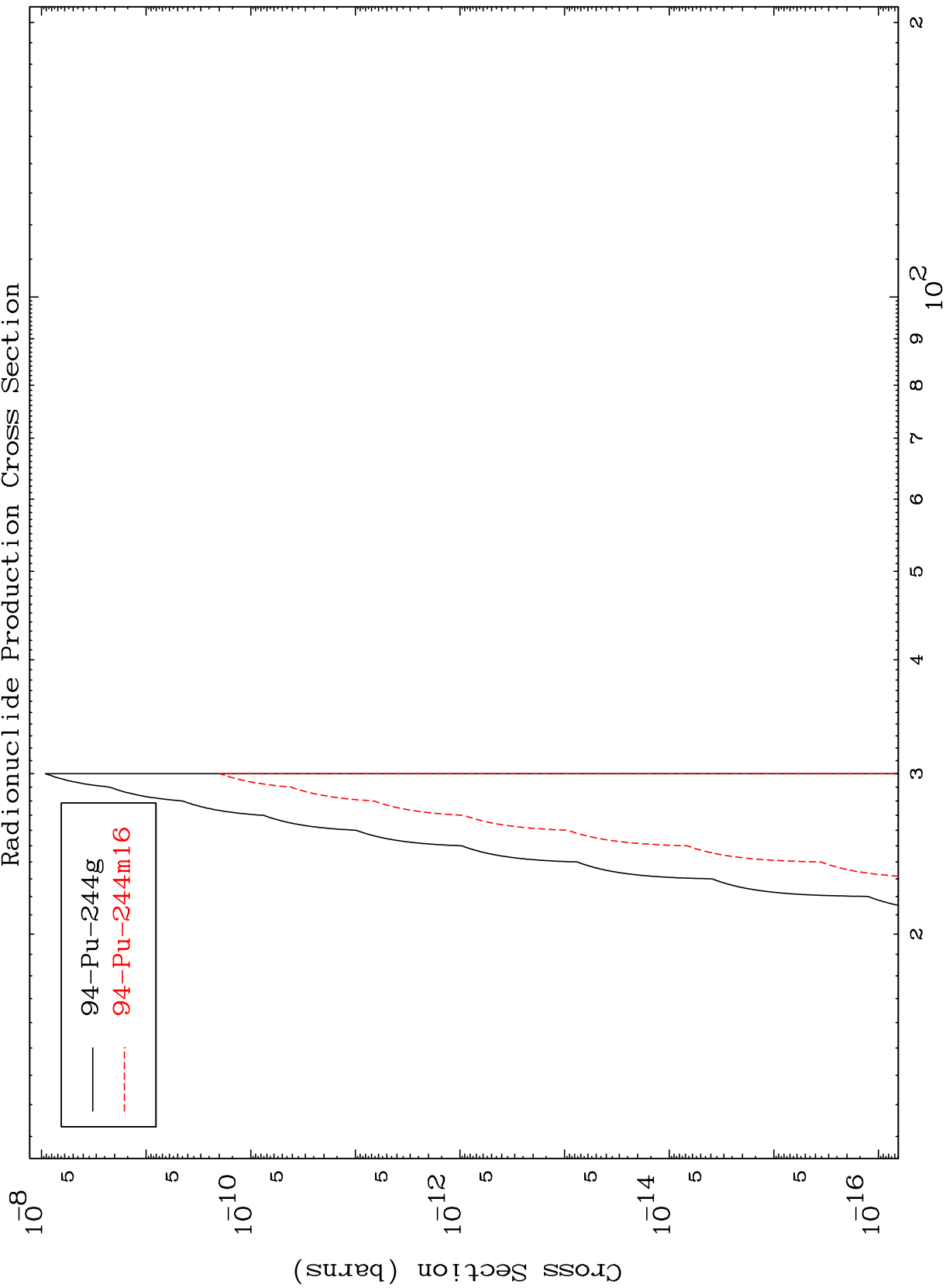
96-Cm-246

MAT 9643

(n,2n) p

96-Cm-246

Radionuclide Production Cross Section



30

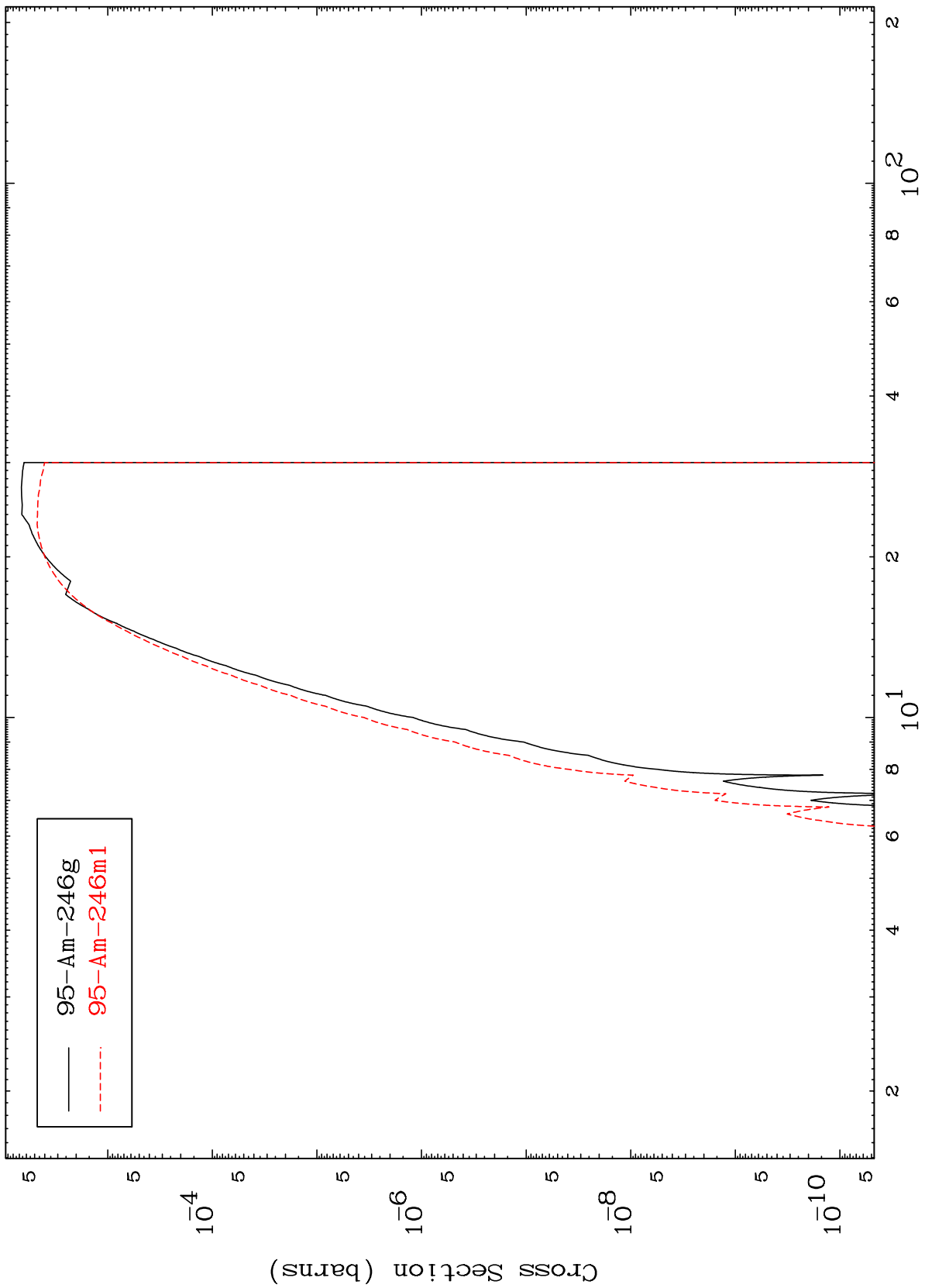
Incident Energy (MeV)

96-Cm-246

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96-Cm-246

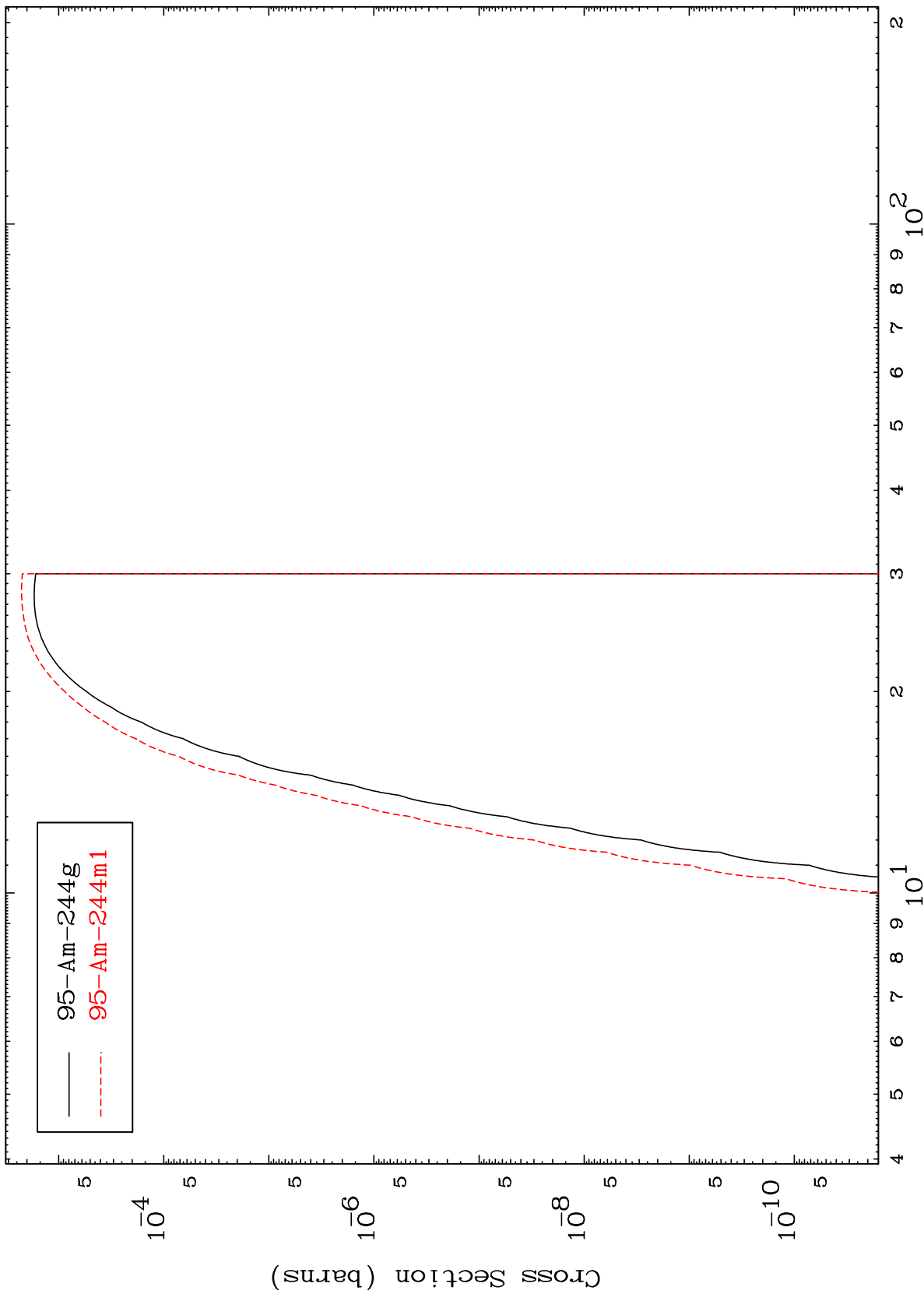
(n,p)  
Radionuclide Production Cross Section



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96-Cm-246

(n, t)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

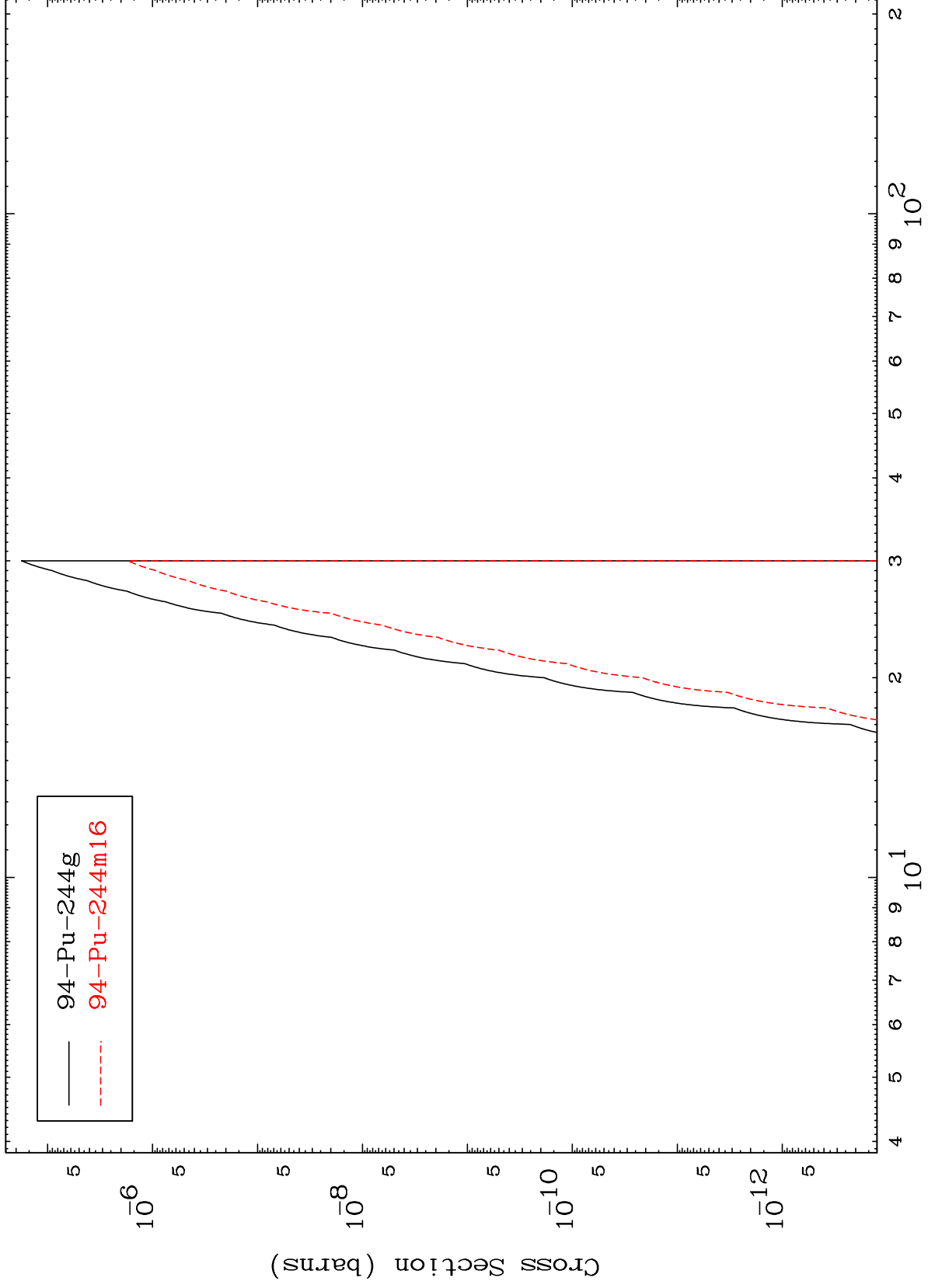
96-Cm-246

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(n,He-3)

96-Cm-246

Radionuclide Production Cross Section



94-Pu-244g  
94-Pu-244m16

33

Incident Energy (MeV)

96-Cm-246