

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

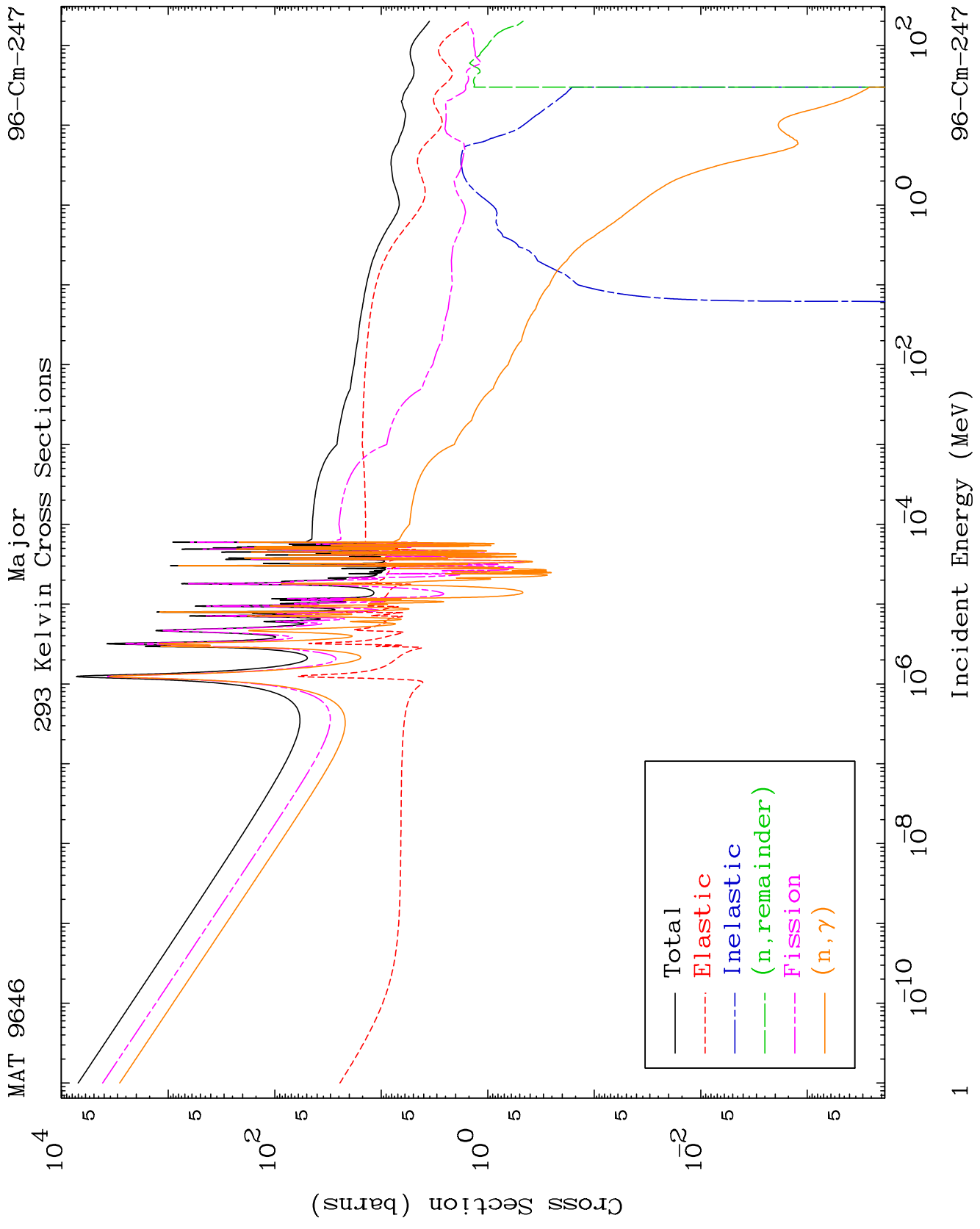
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

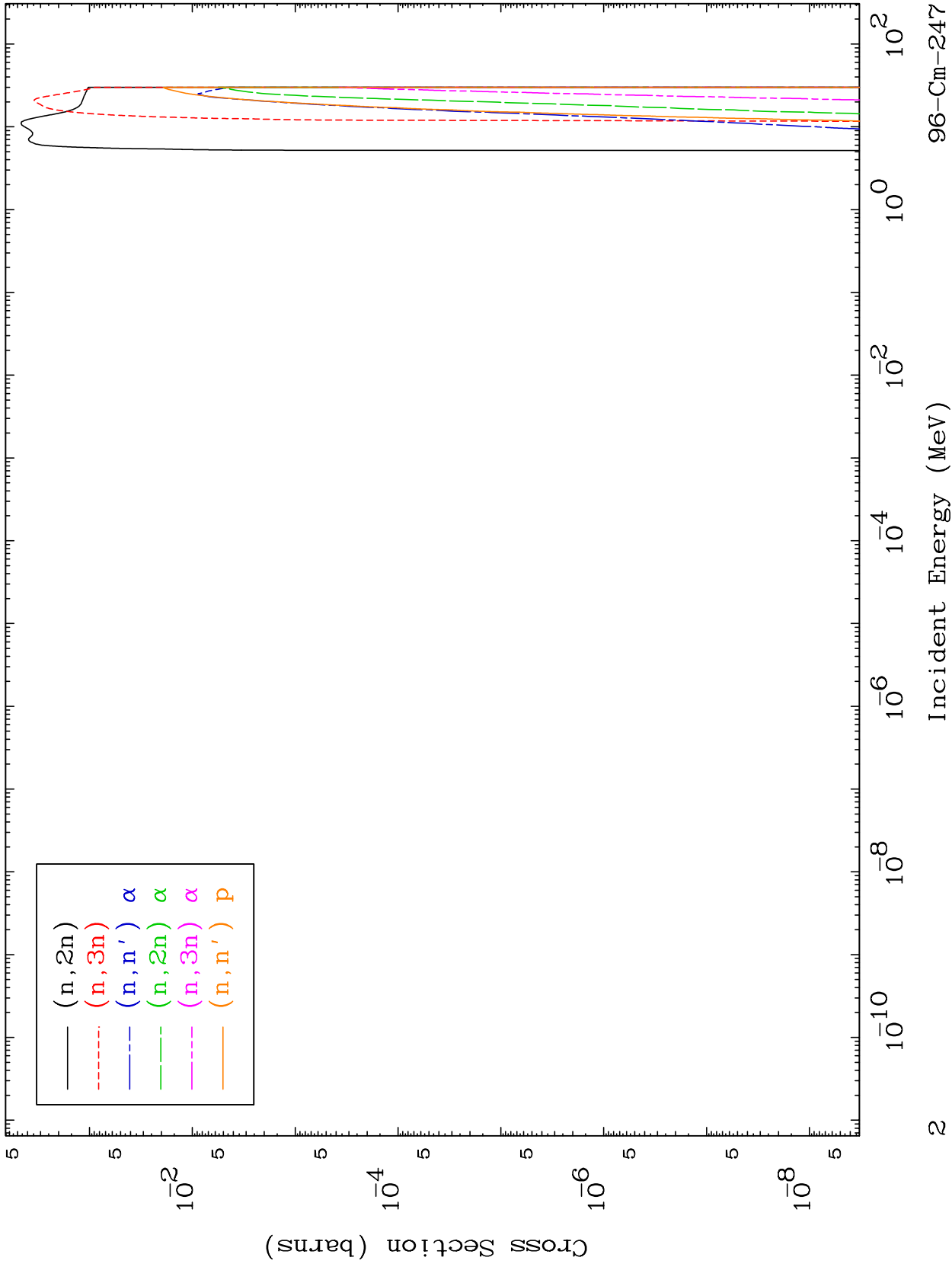
Press Mouse Button to Start



MAT 9646

Neutron Production  
293 Kelvin Cross Sections

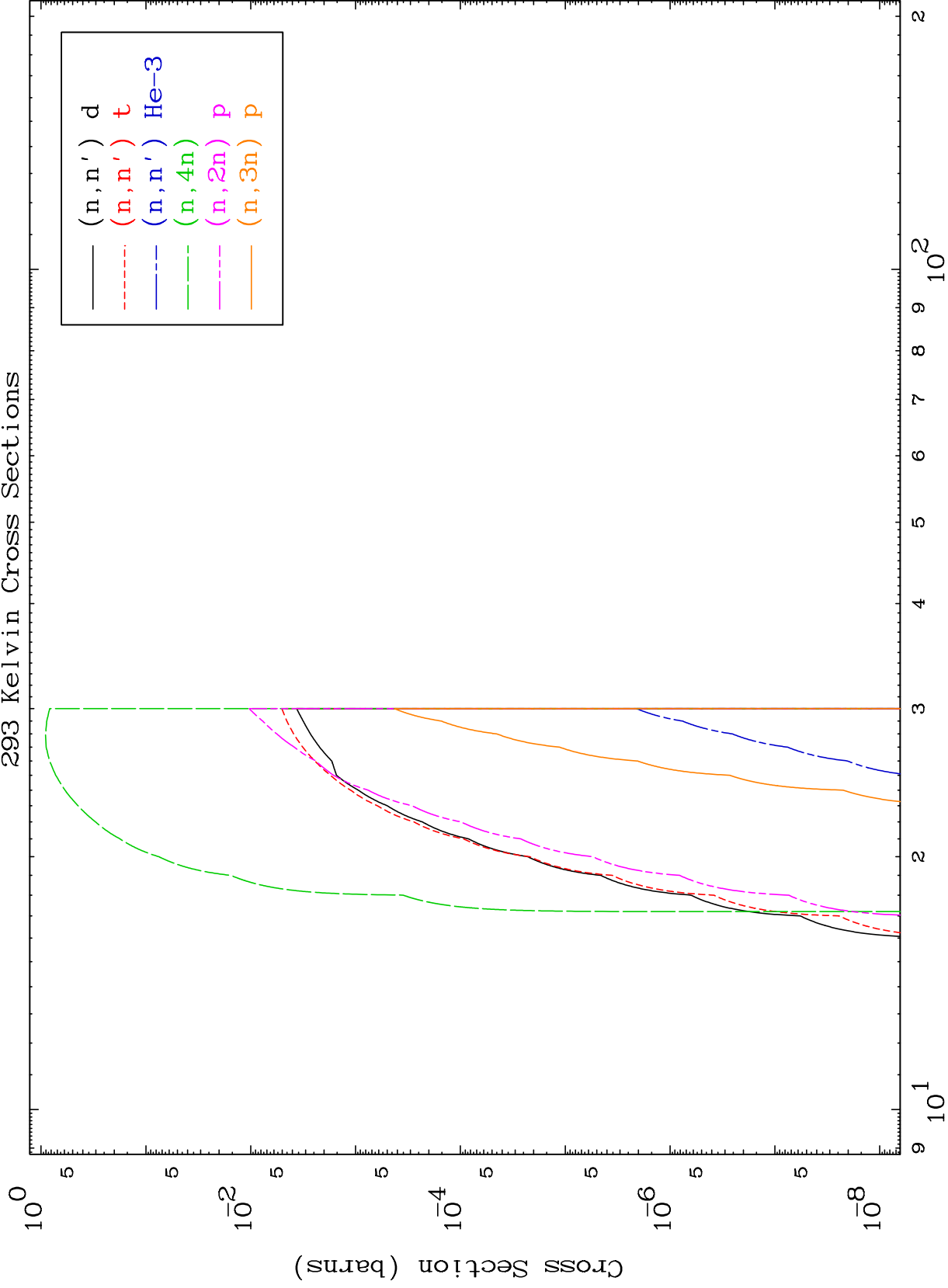
96-Cm-247



MAT 9646

Neutron Production  
293 Kelvin Cross Sections

96-Cm-247



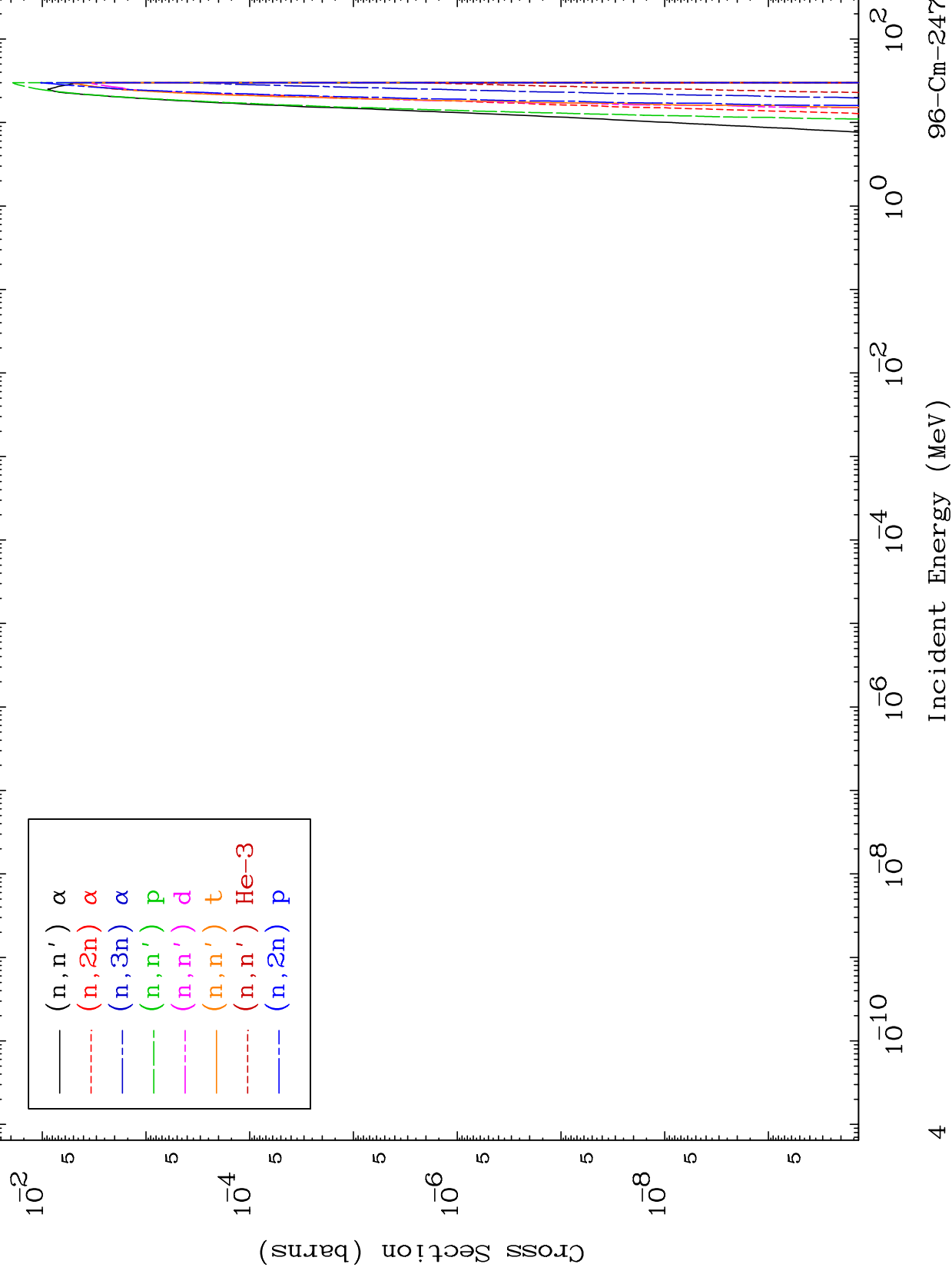
Incident Energy (MeV)

96-Cm-247

MAT 9646

Charged Particle  
293 Kelvin Cross Sections

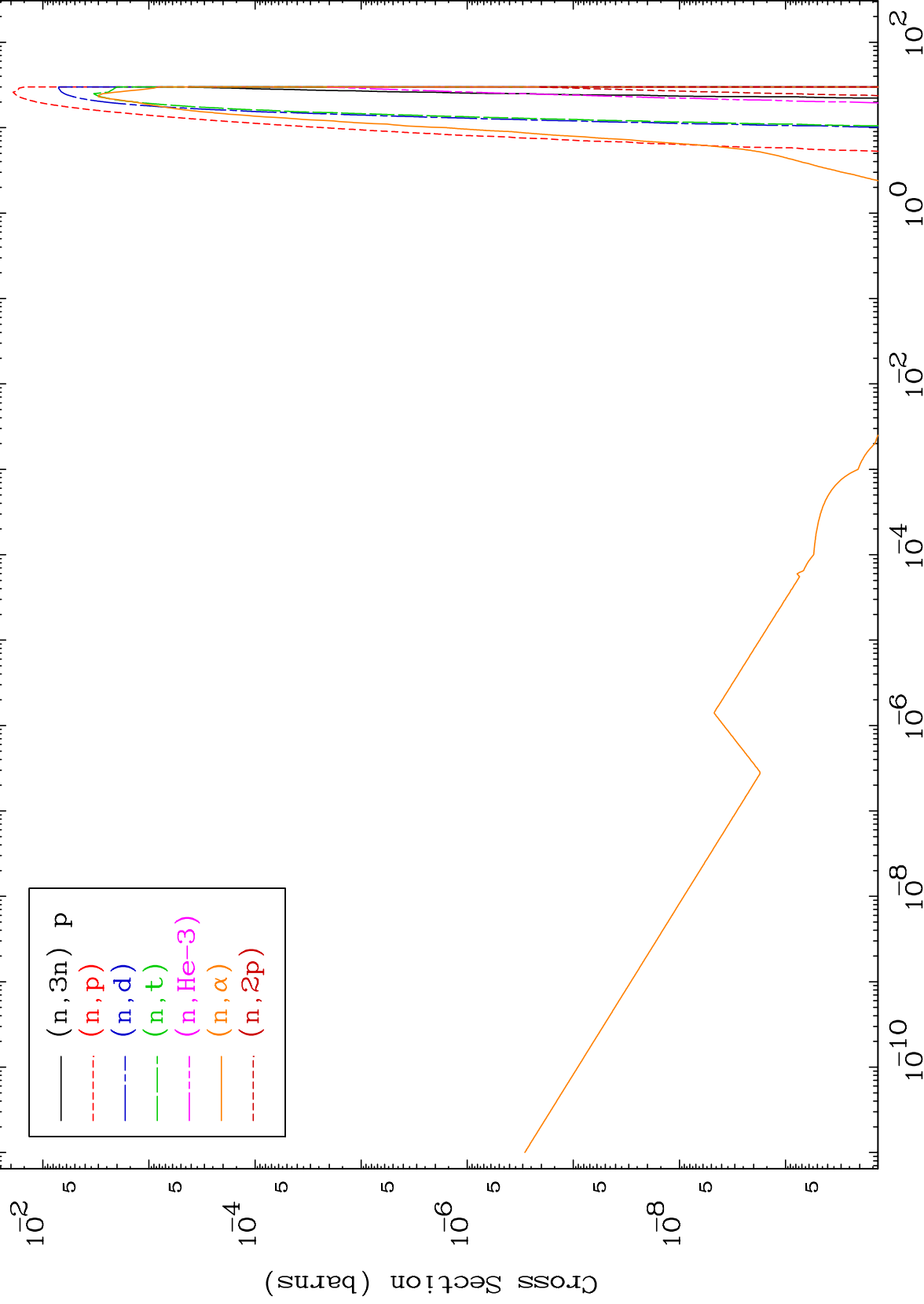
96-Cm-247



MAT 9646

Charged Particle  
293 Kelvin Cross Sections

96-Cm-247



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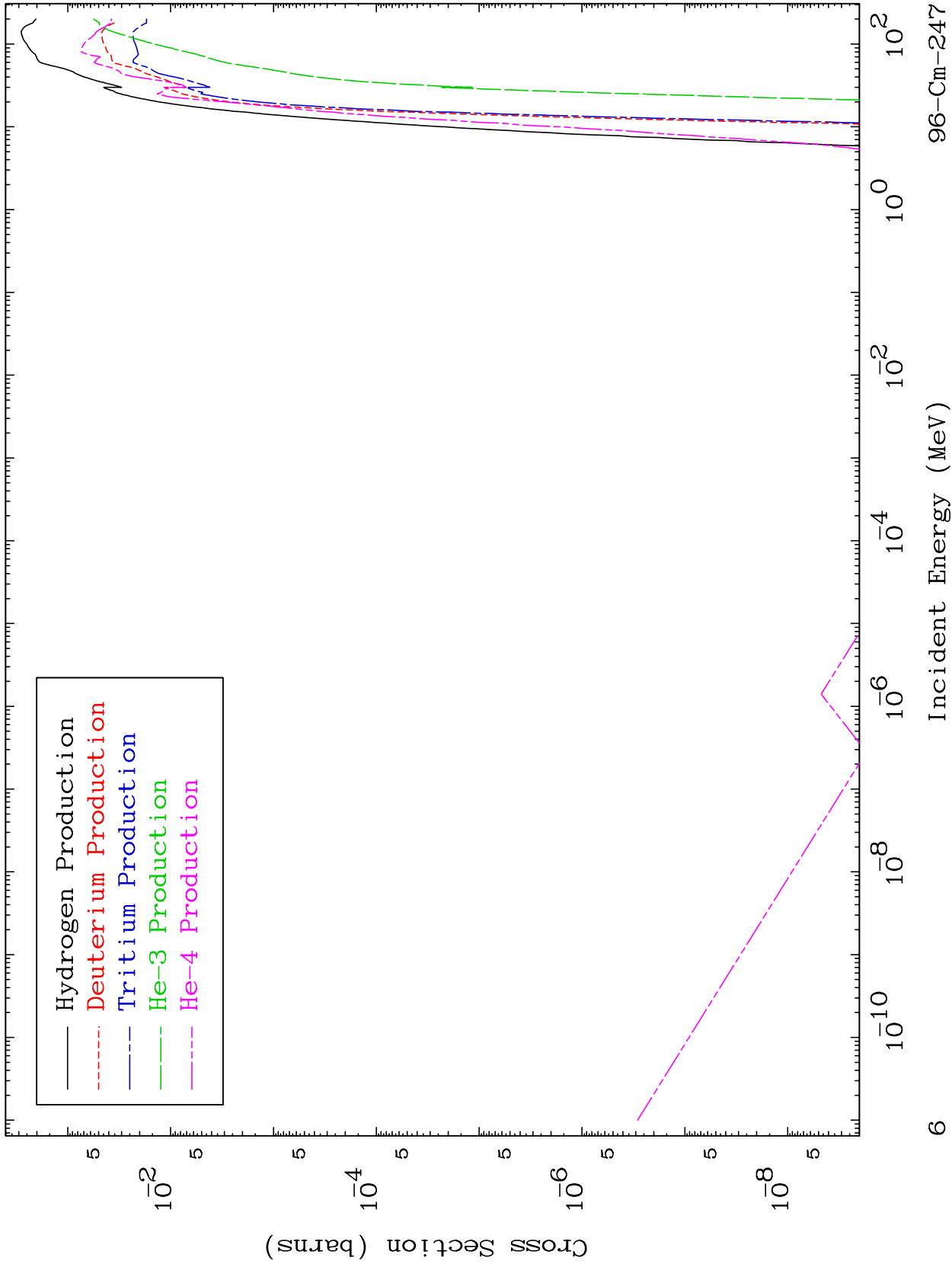
Incident Energy (MeV)

96-Cm-247

MAT 9646

Particle Production  
293 Kelvin Cross Sections

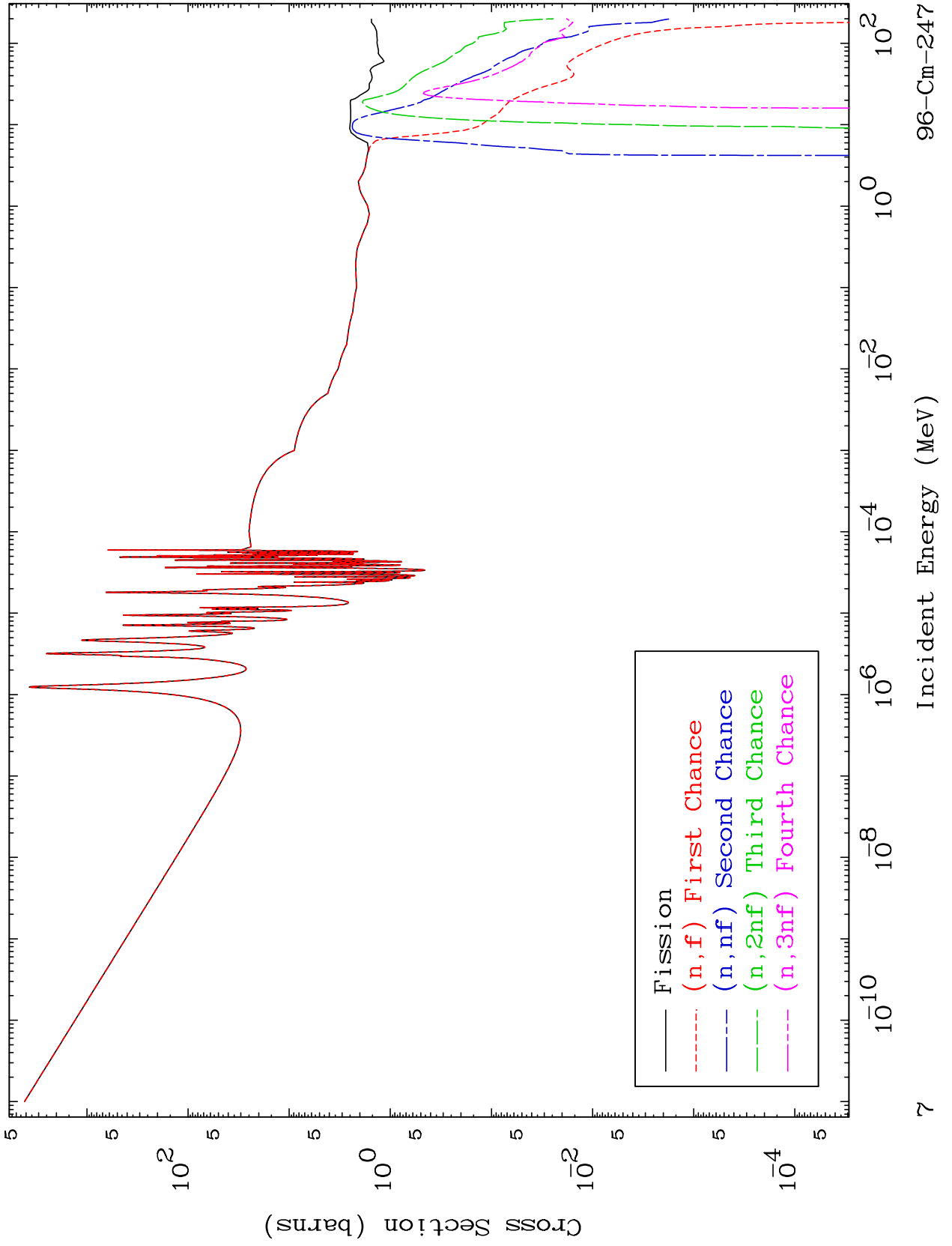
96-Cm-247



MAT 9646

Fission  
293 Kelvin Cross Sections

96-Cm-247



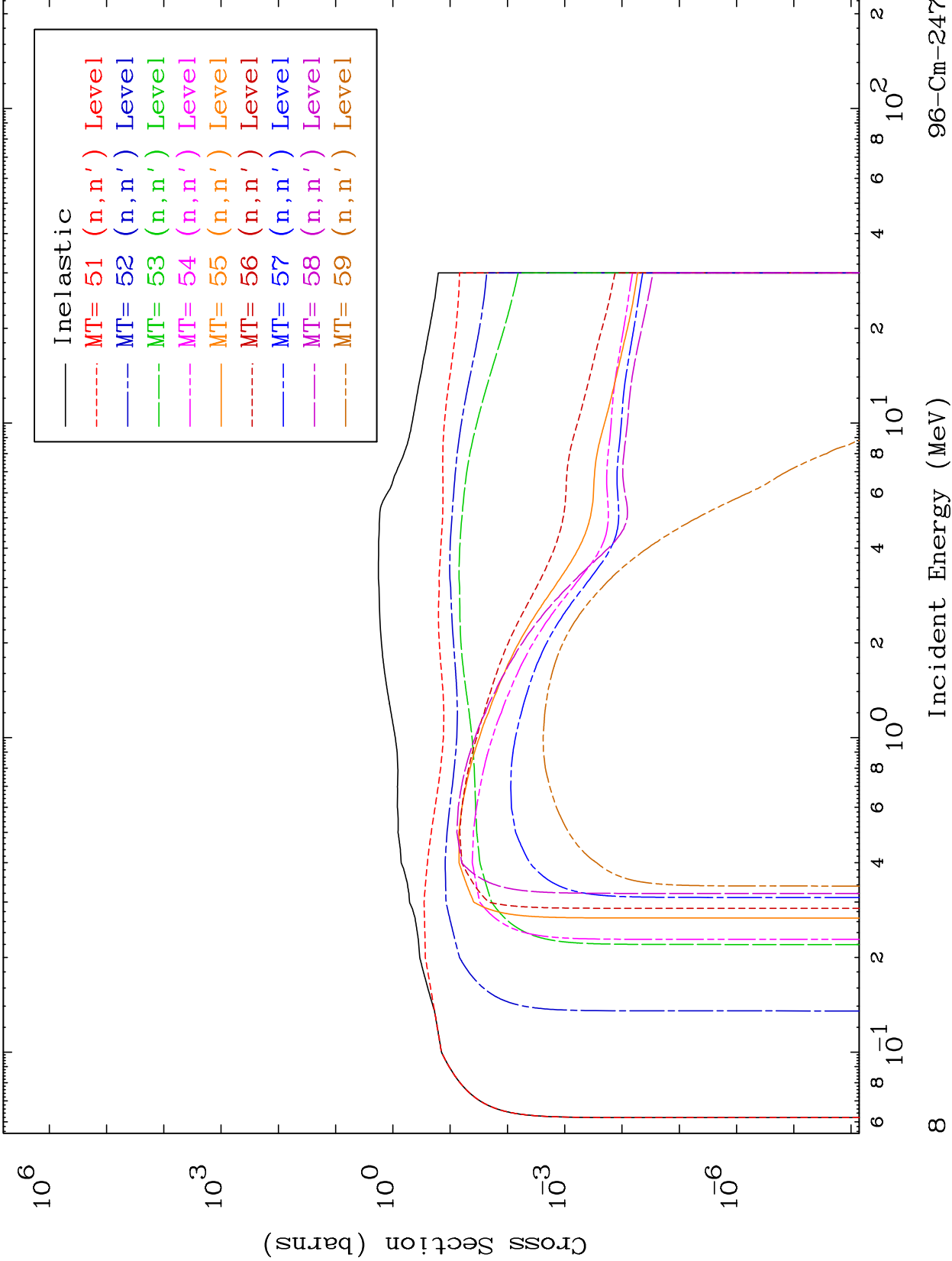


MAT 9646

(n,n') Level

96-Cm-247

293 Kelvin Cross Sections

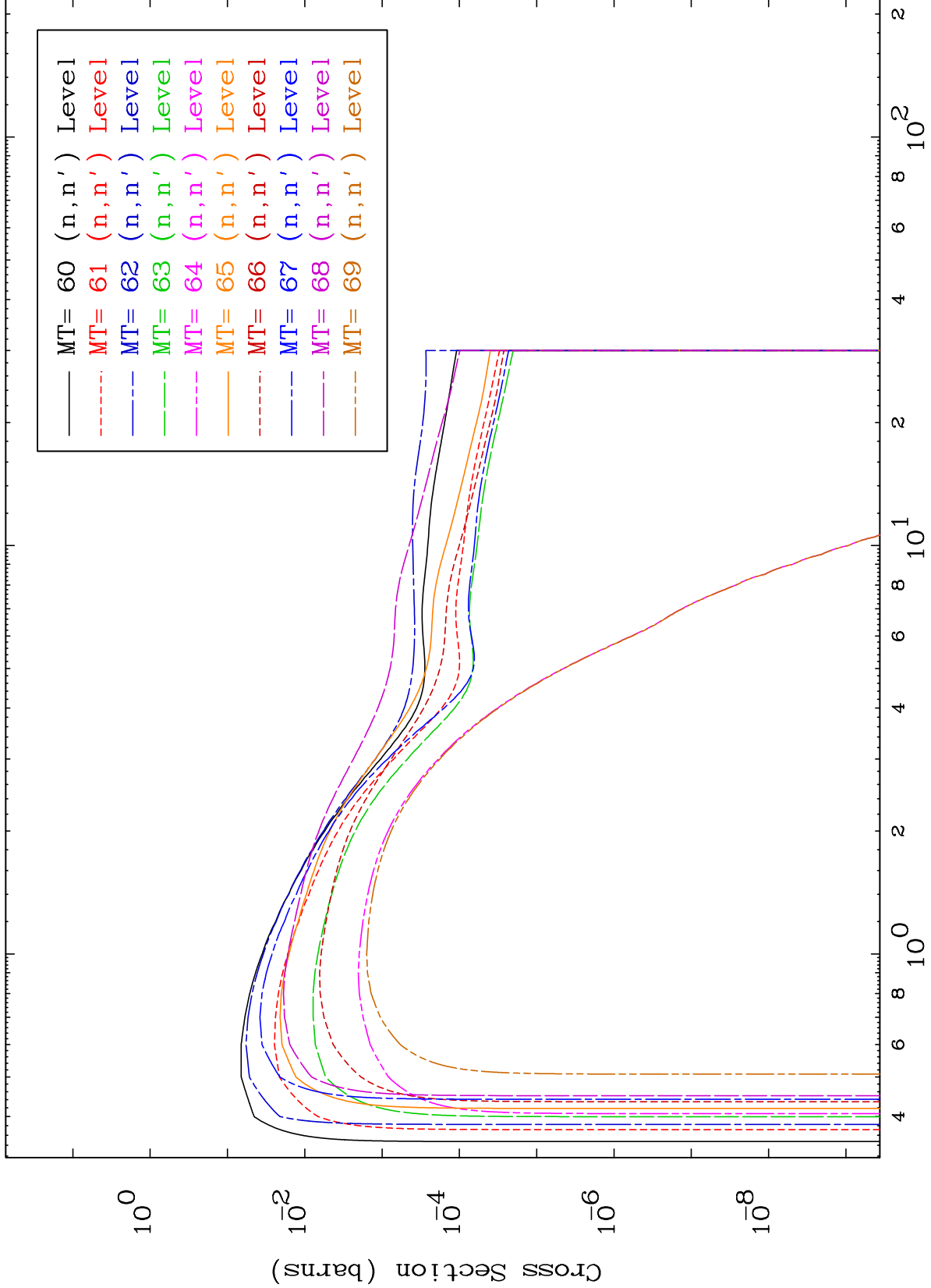


MAT 9646

(n,n') Level

96-Cm-247

293 Kelvin Cross Sections



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Incident Energy (MeV)

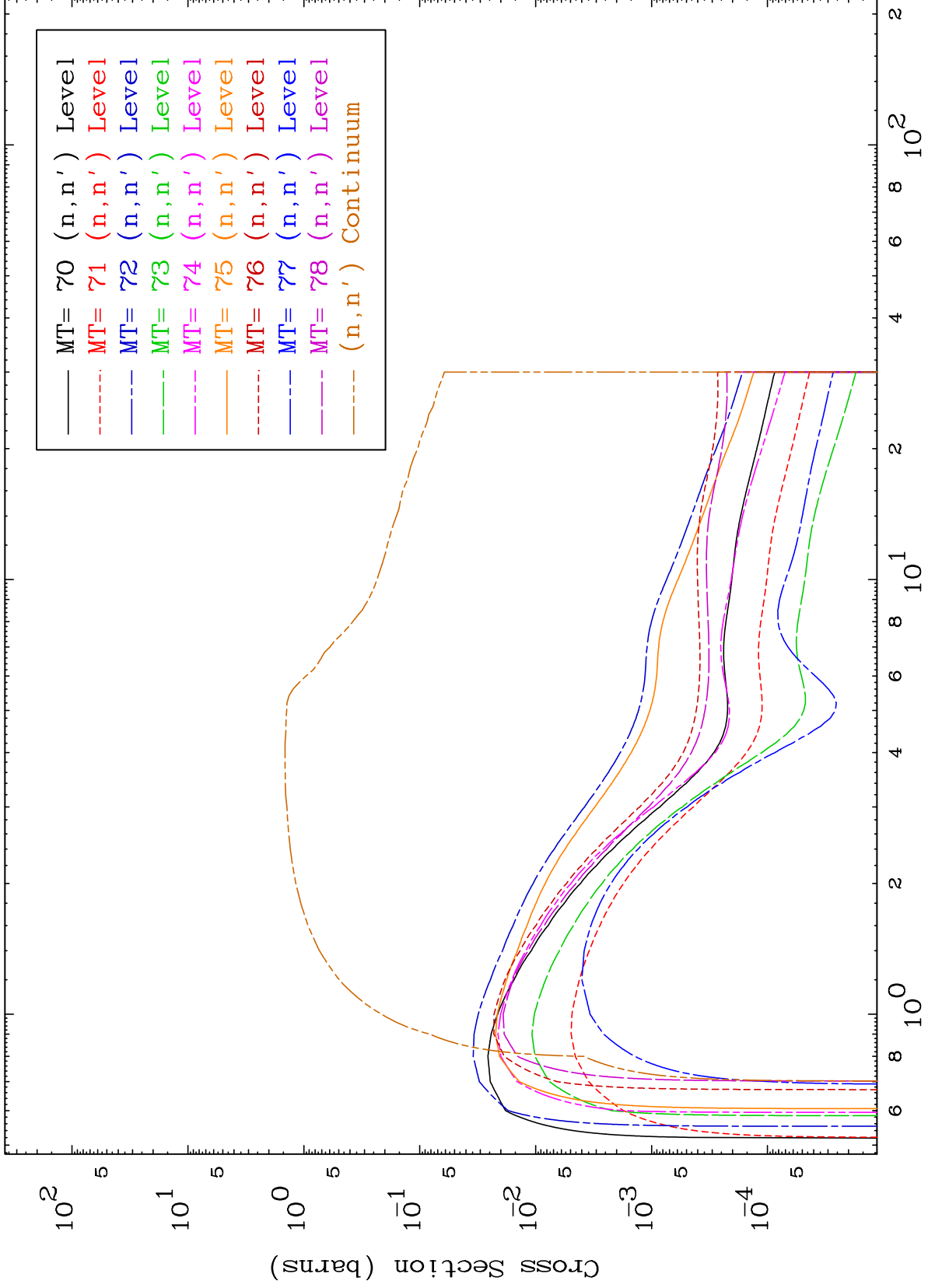
96-Cm-247

MAT 9646

(n,n') Level

96-Cm-247

293 Kelvin Cross Sections



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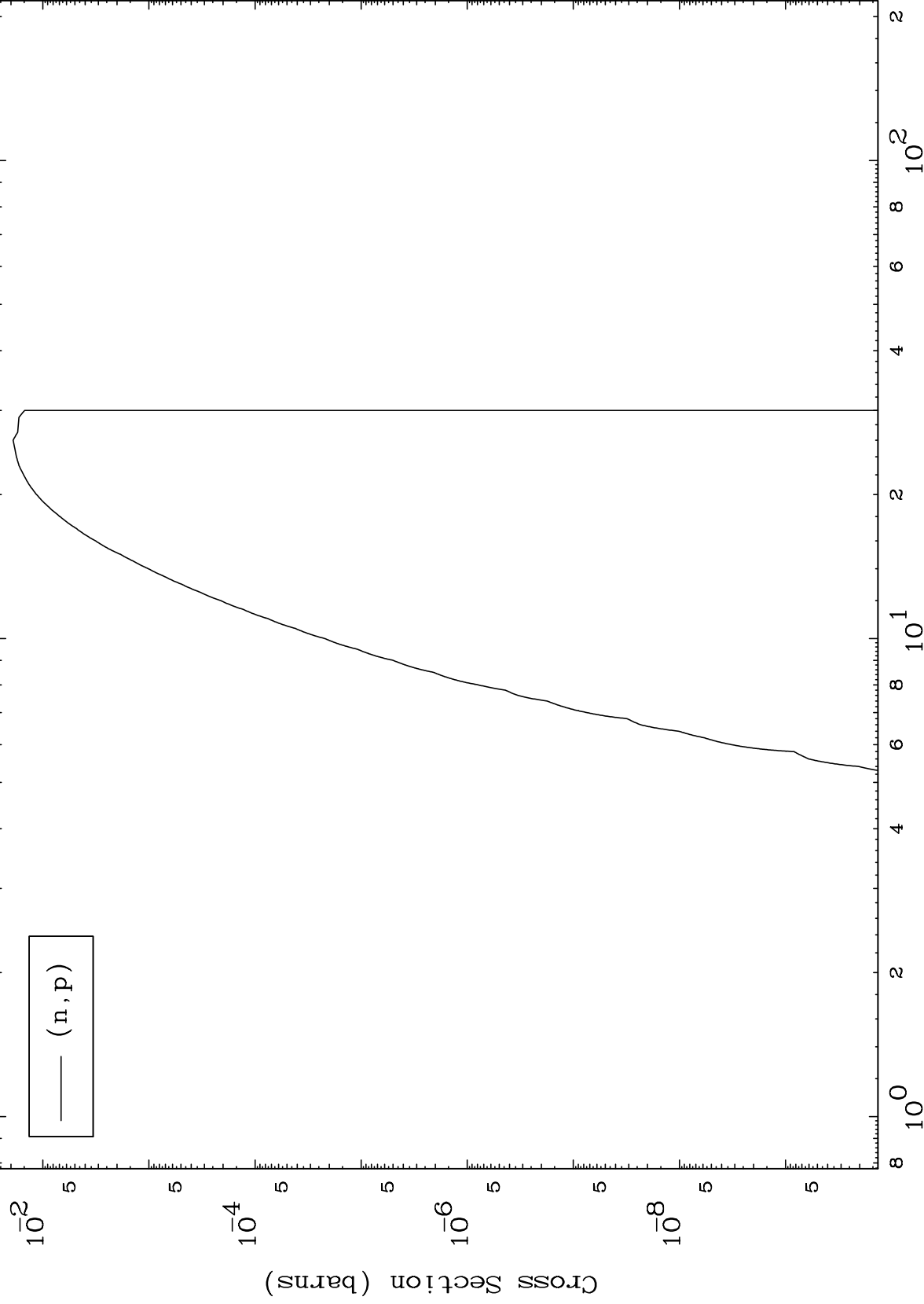
Incident Energy (MeV)

96-Cm-247

MAT 9646

(n,p) Levels  
293 Kelvin Cross Sections

96-Cm-247



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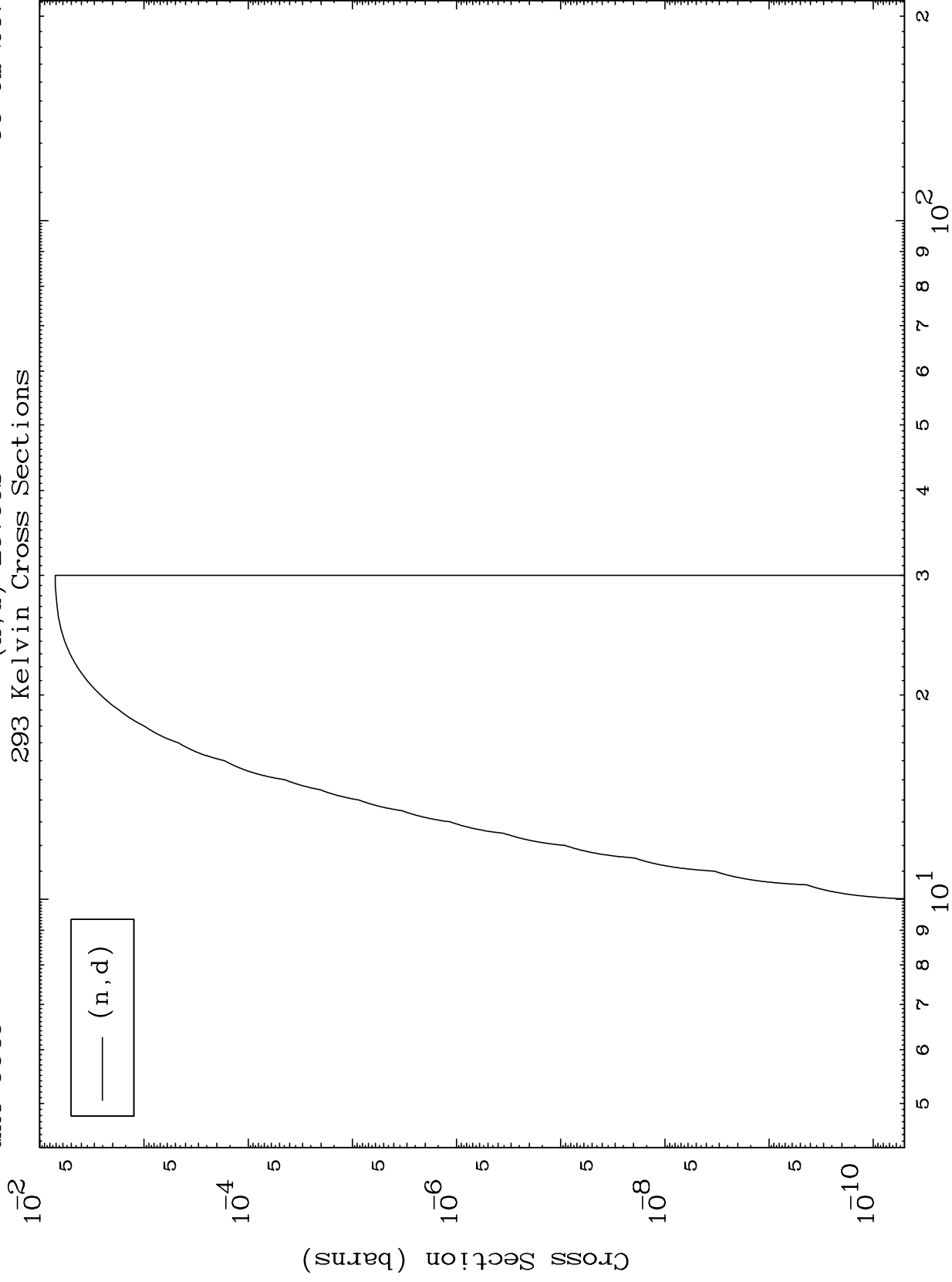
Incident Energy (MeV)

96-Cm-247

MAT 9646

(n,d) Levels  
293 Kelvin Cross Sections

96-Cm-247



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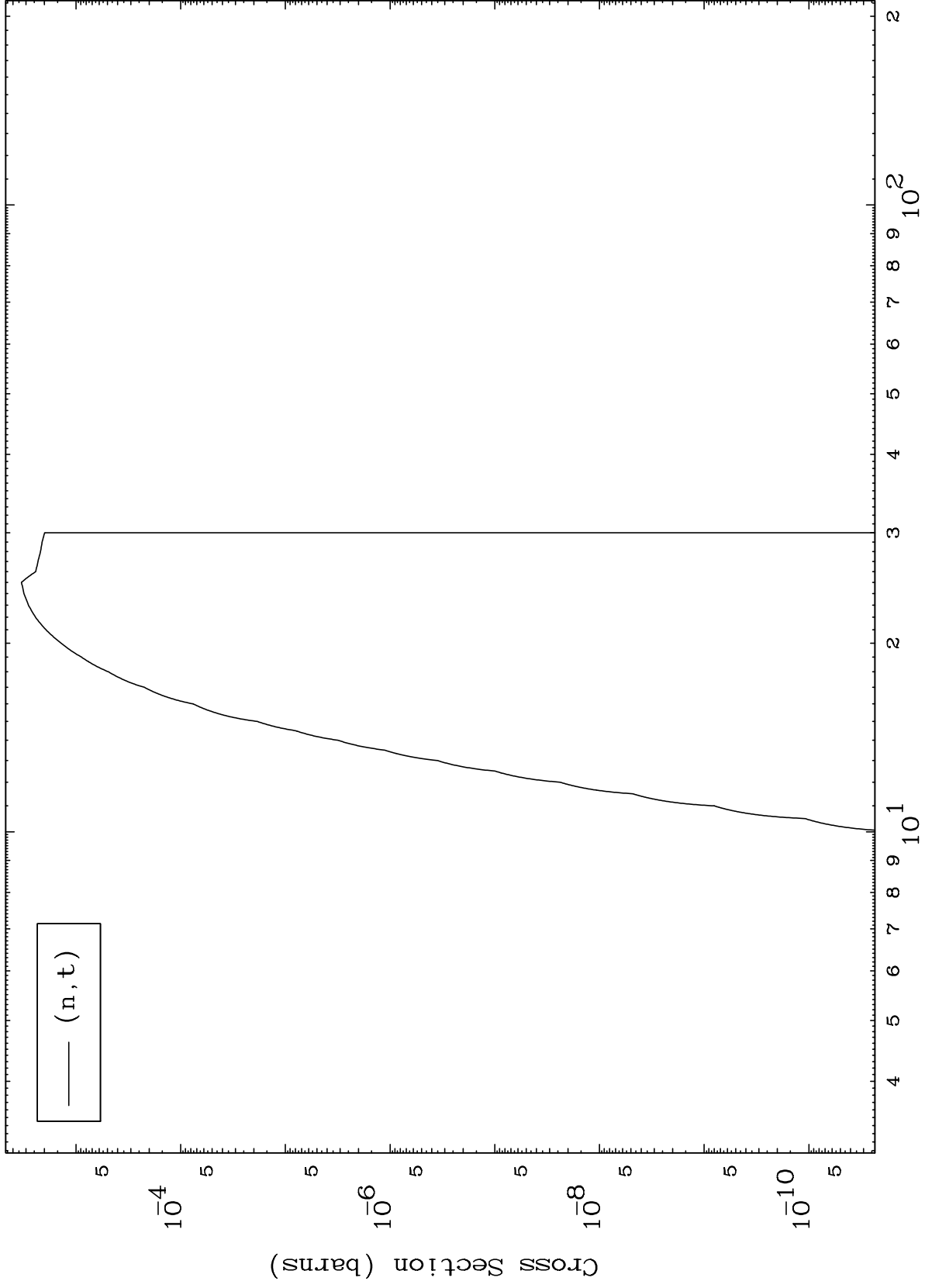
Incident Energy (MeV)

96-Cm-247

MAT 9646

(n,t) Levels  
293 Kelvin Cross Sections

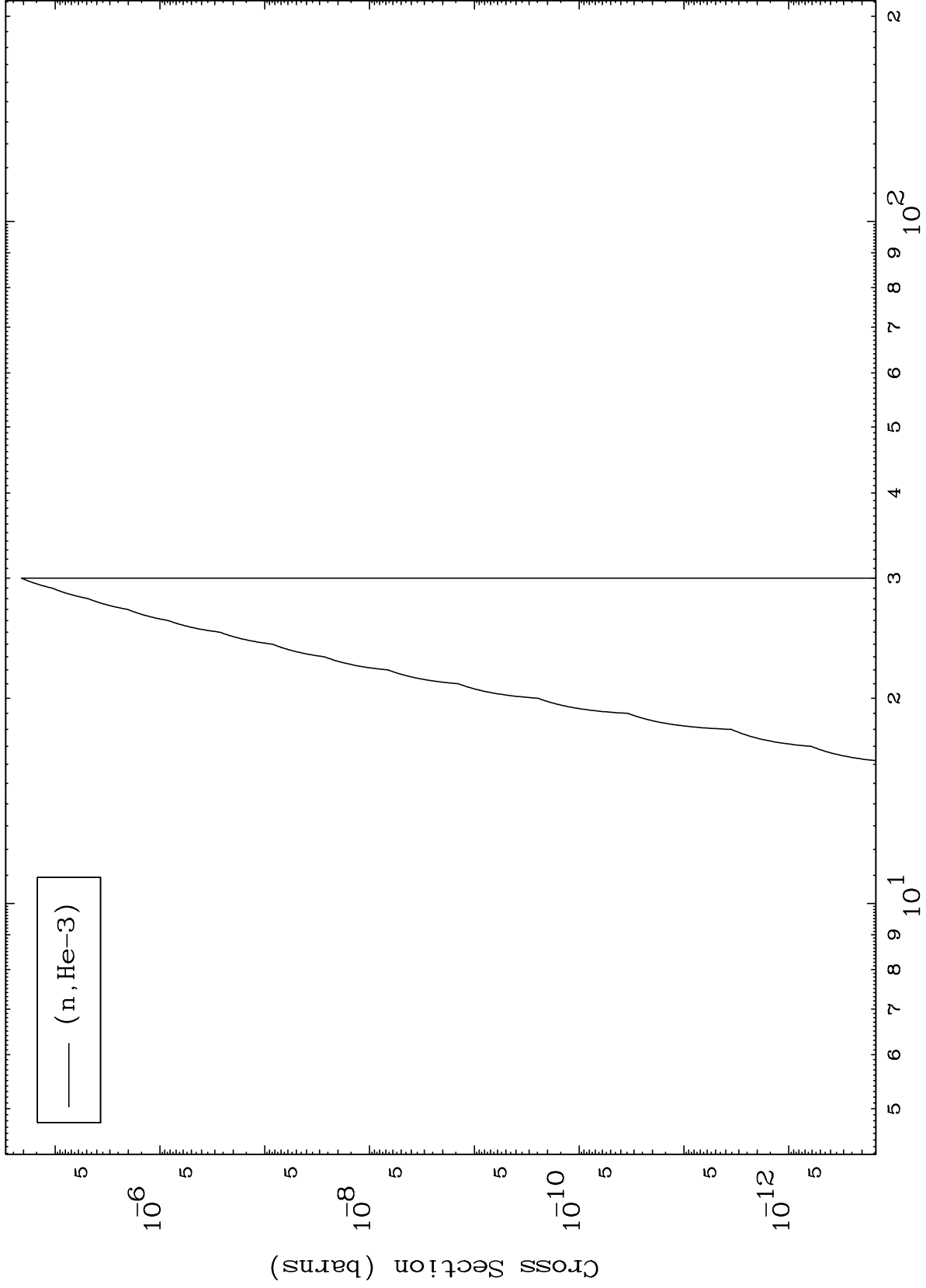
96-Cm-247



MAT 9646

(n,He3) Levels  
293 Kelvin Cross Sections

96-Cm-247



14

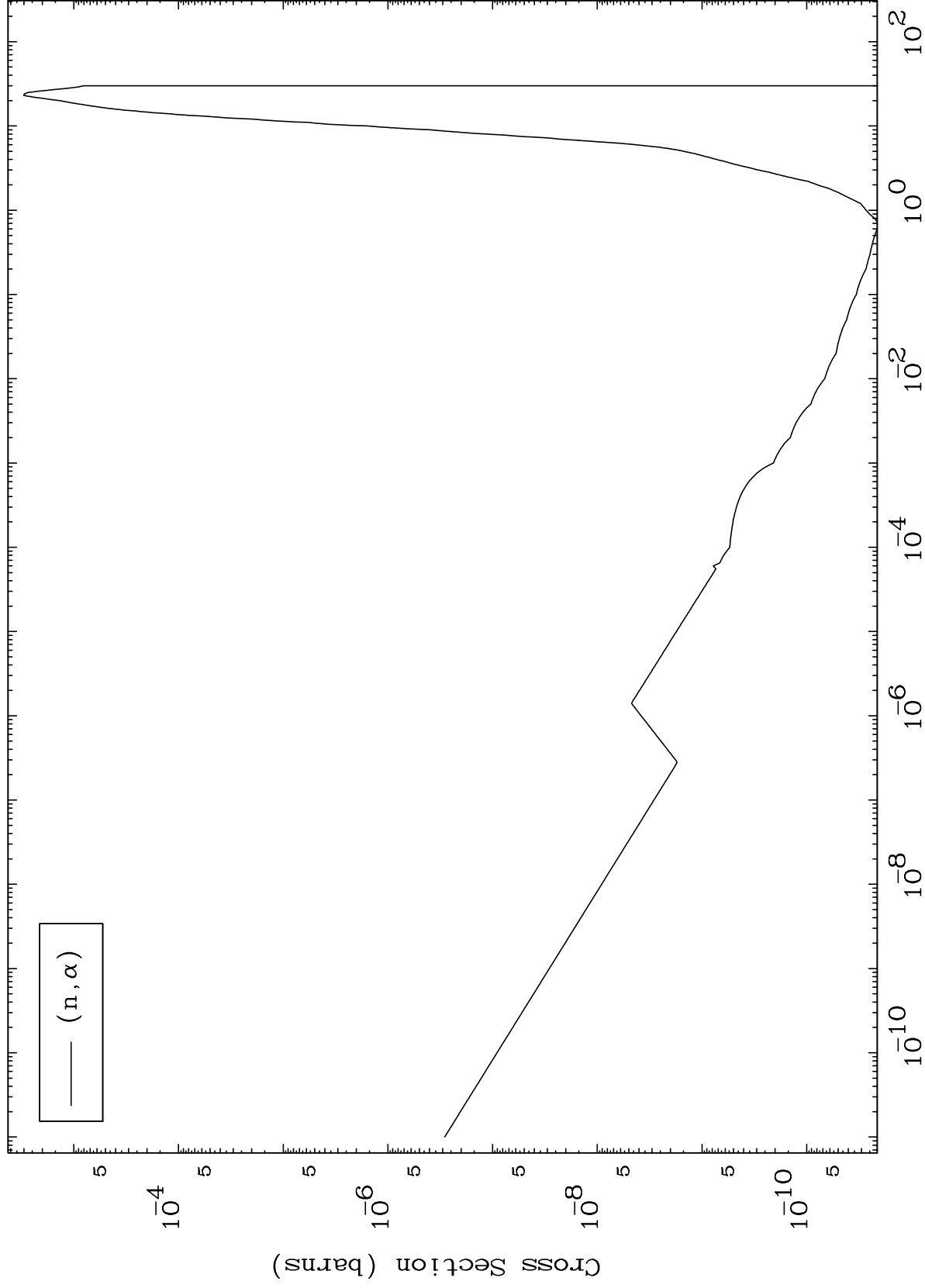
Incident Energy (MeV)

96-Cm-247

MAT 9646

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

96-Cm-247



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Incident Energy (MeV)

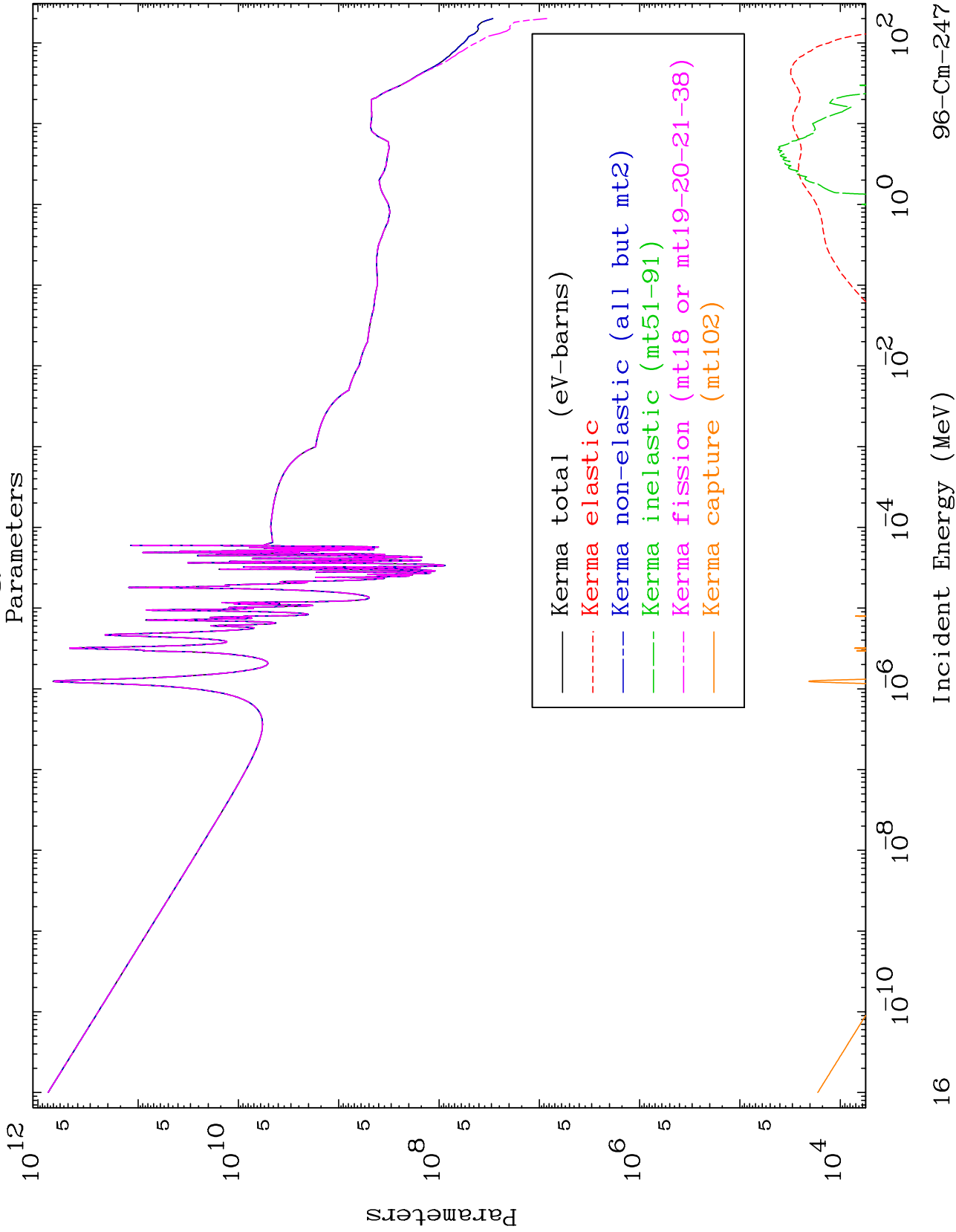
96-Cm-247

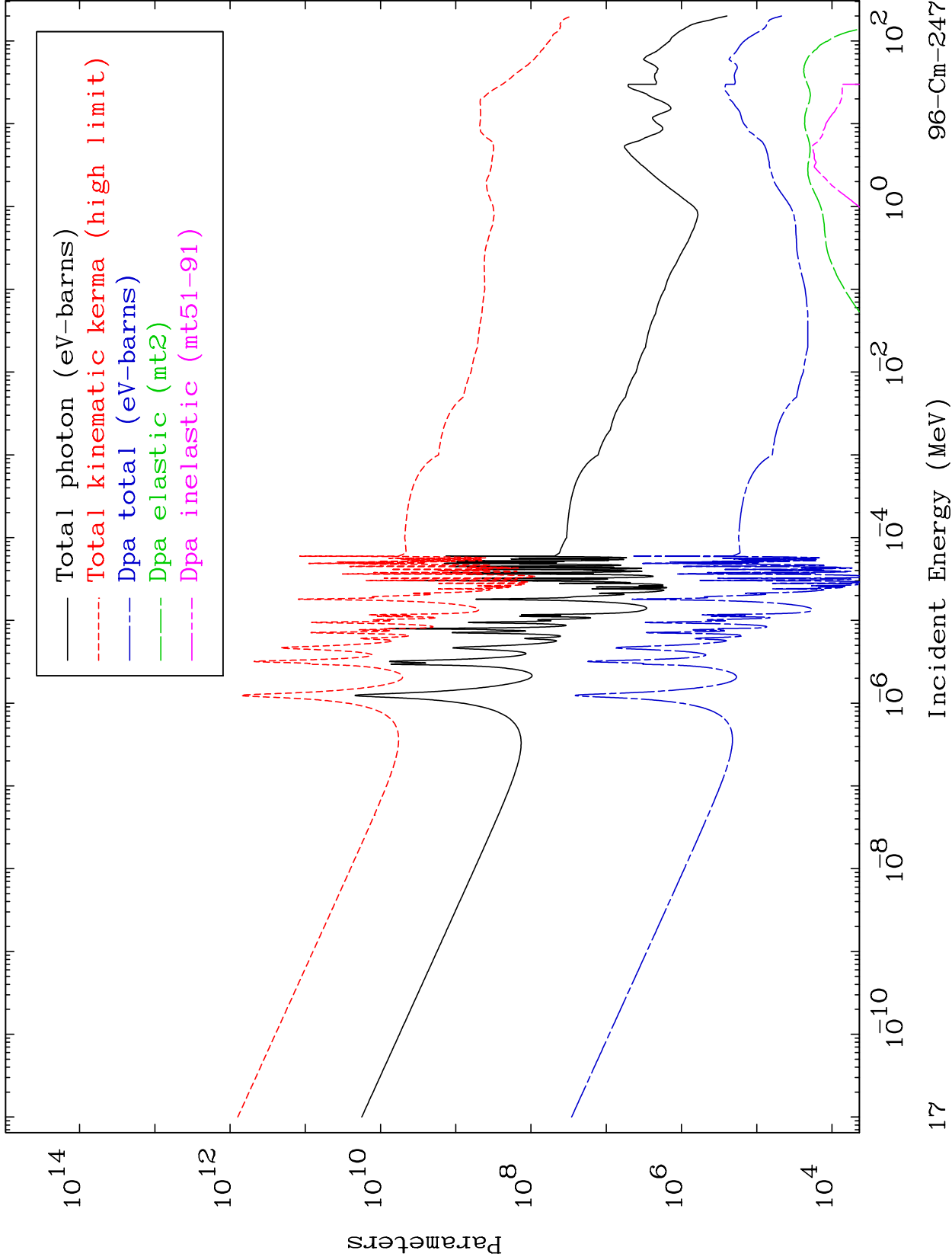


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Energy Release  
Parameters

96-Cm-247

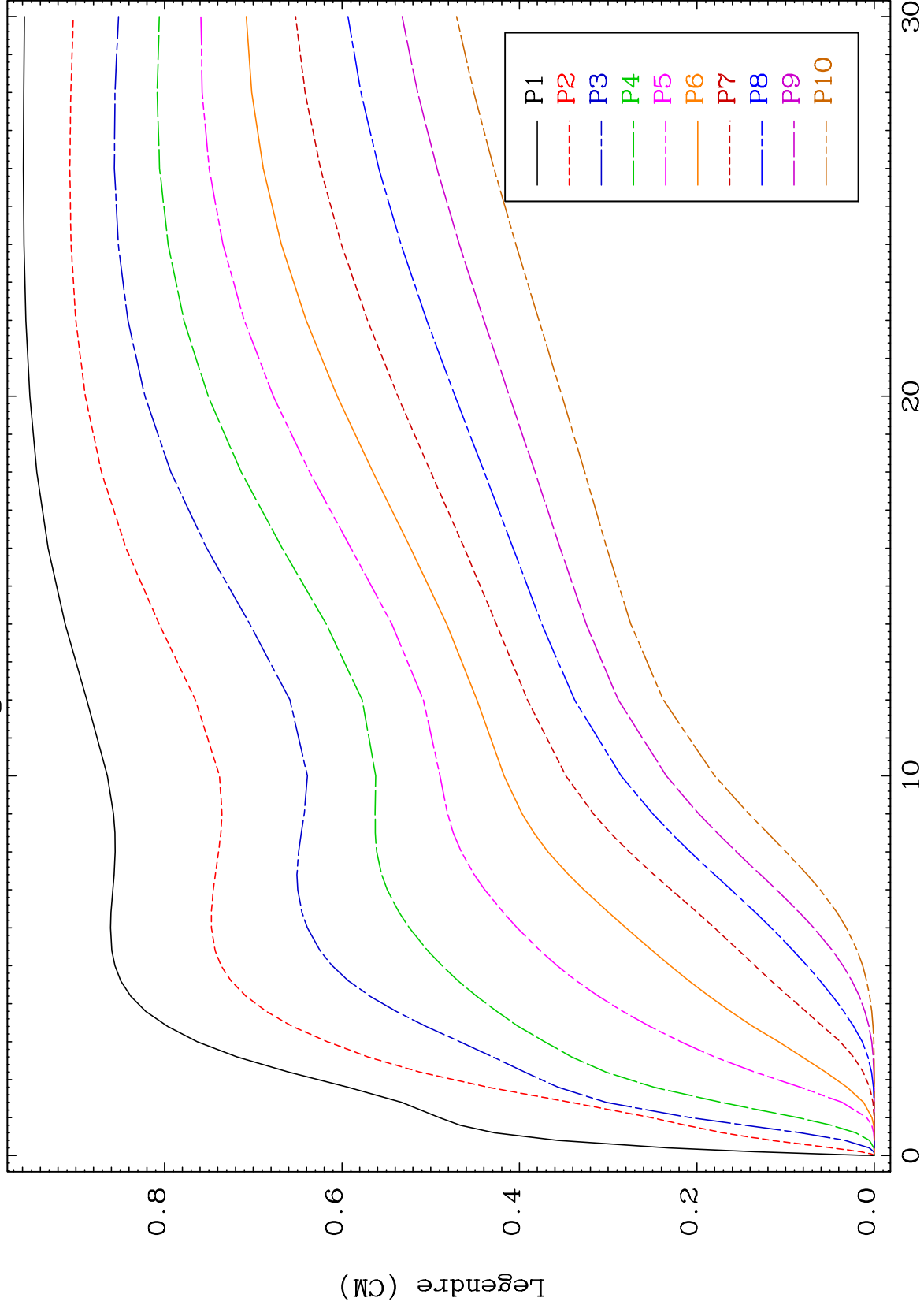




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Elastic Legendre Coefficients

96-Cm-247



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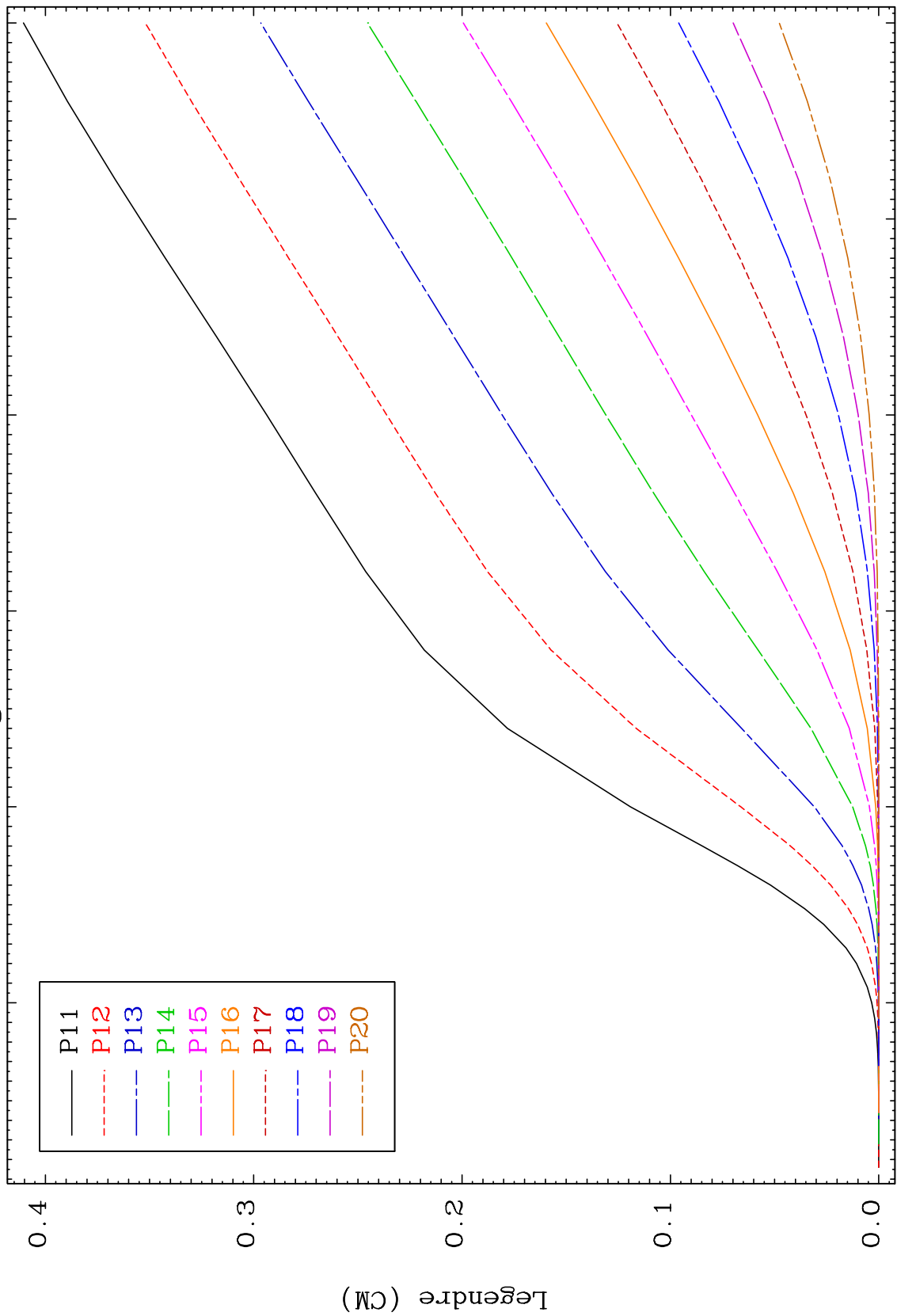
Incident Energy (MeV)

96-Cm-247

MAT 9646

Elastic Legendre Coefficients

96-Cm-247



19

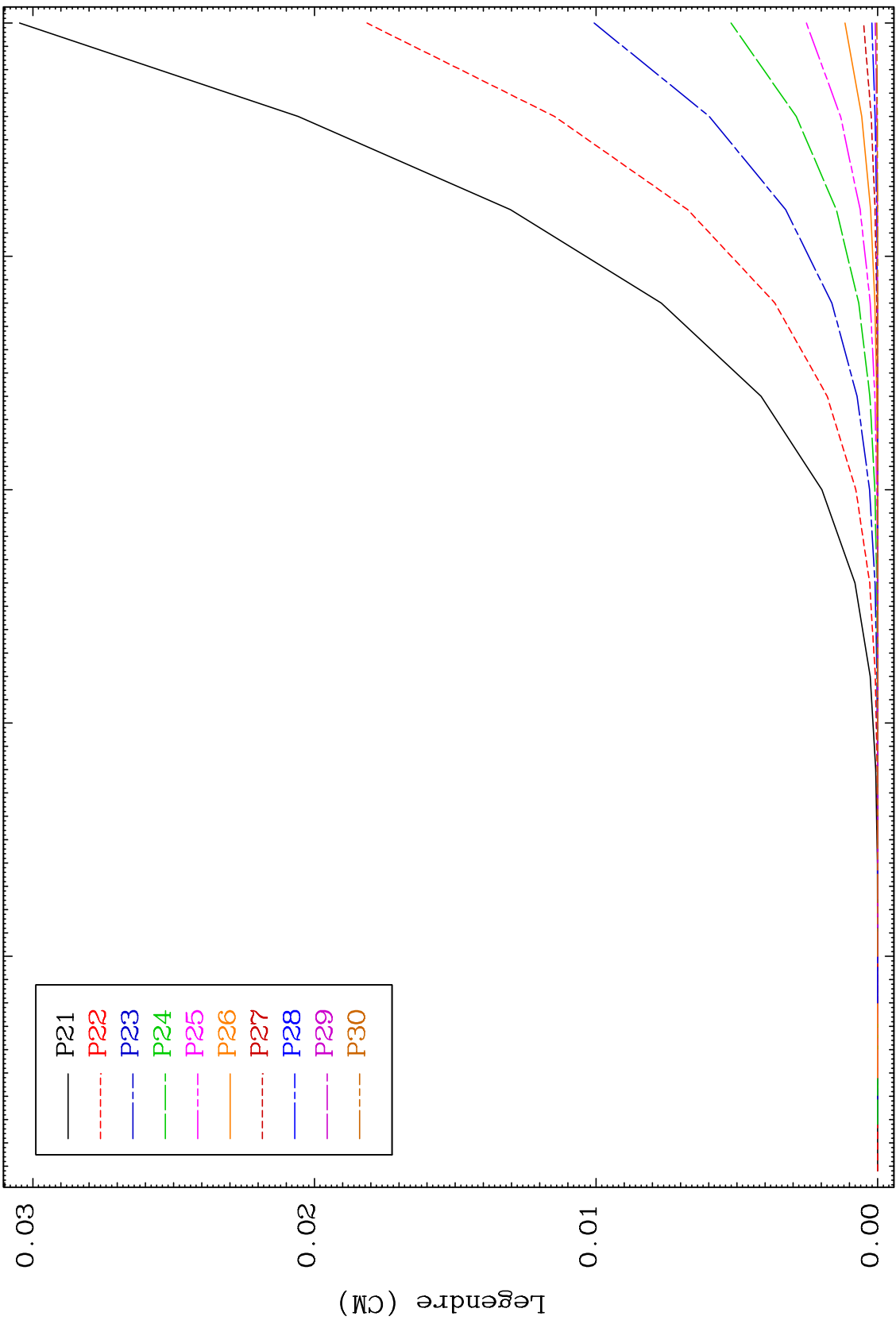
Incident Energy (MeV)

96-Cm-247

MAT 9646

Elastic Legendre Coefficients

96-Cm-247



20

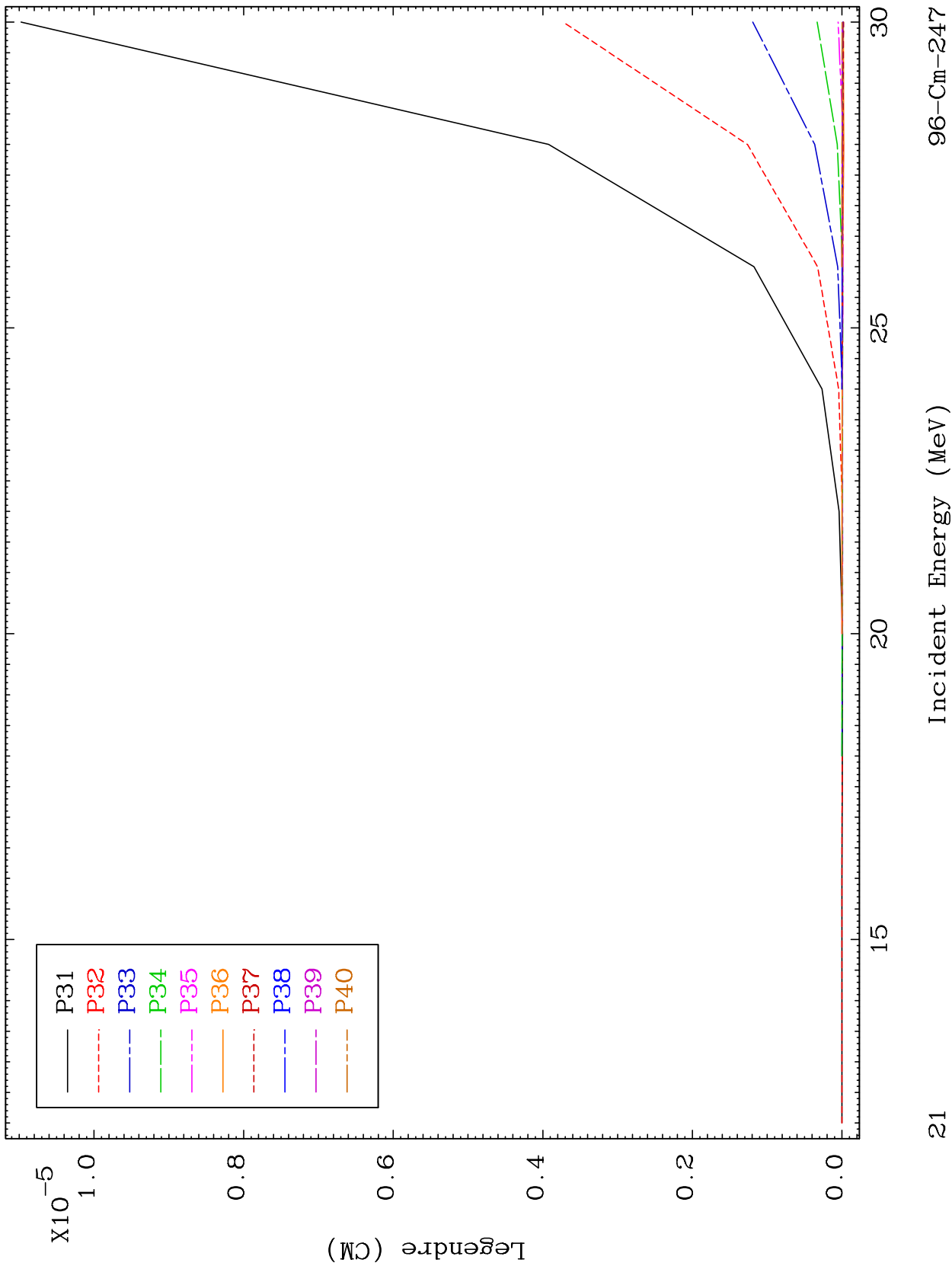
Incident Energy (MeV)

96-Cm-247

MAT 9646

Elastic Legendre Coefficients

96-Cm-247



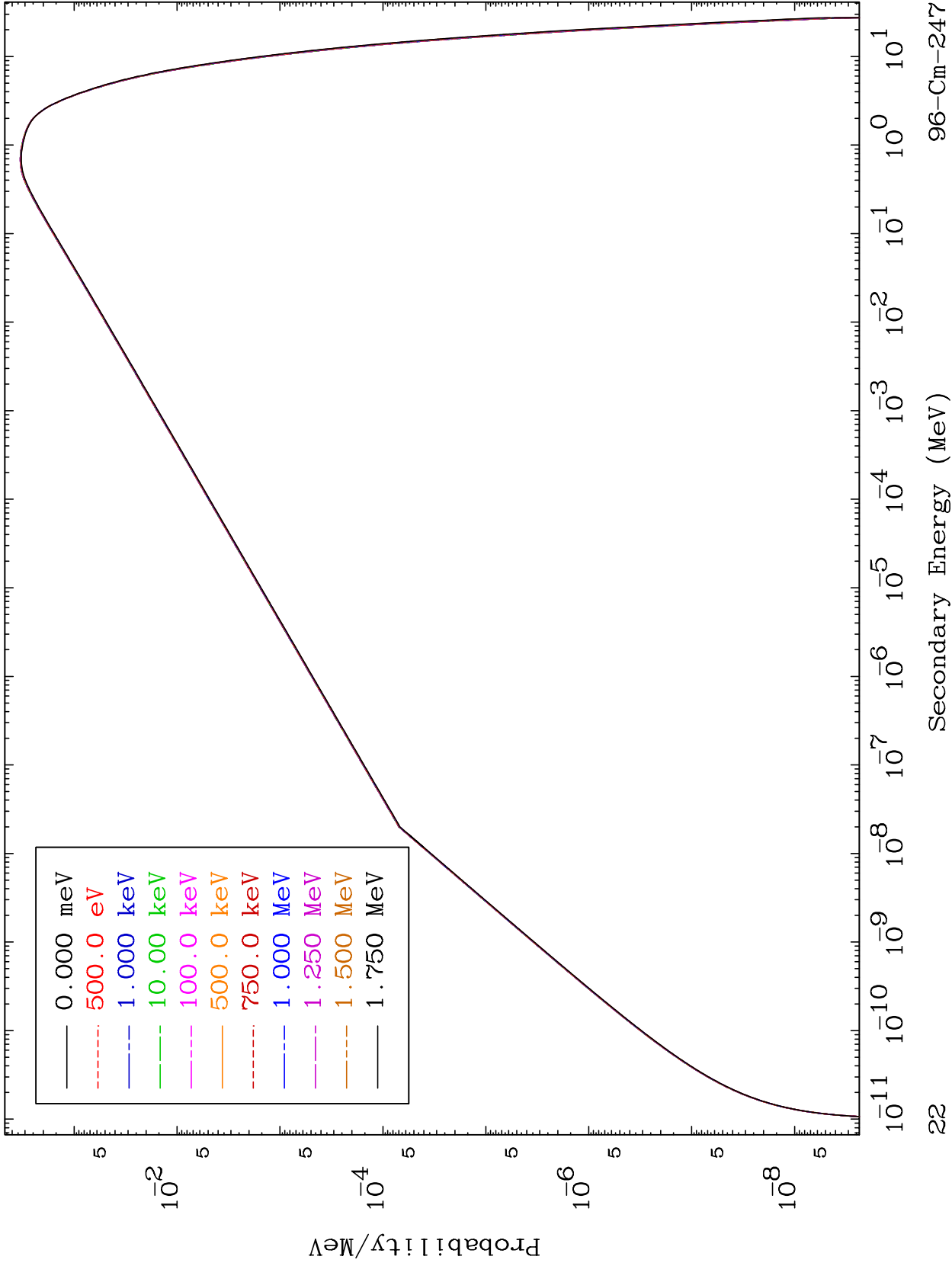
21

96-Cm-247

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### Fission Energy Distribution

96-Cm-247



96-Cm-247

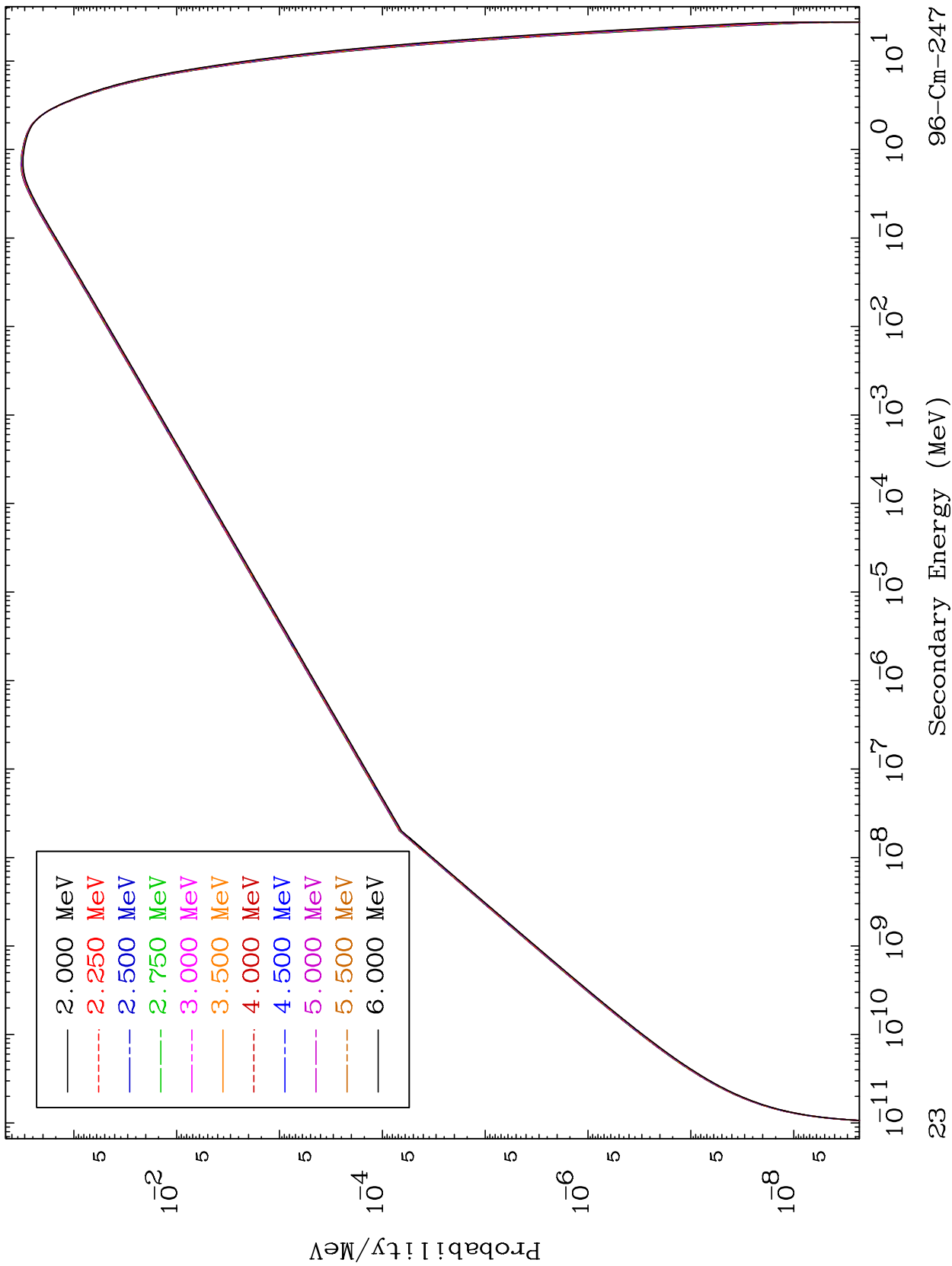
Secondary Energy (MeV)

22

MAT 9646

### Fission Energy Distribution

96-Cm-247



96-Cm-247

Secondary Energy (MeV)

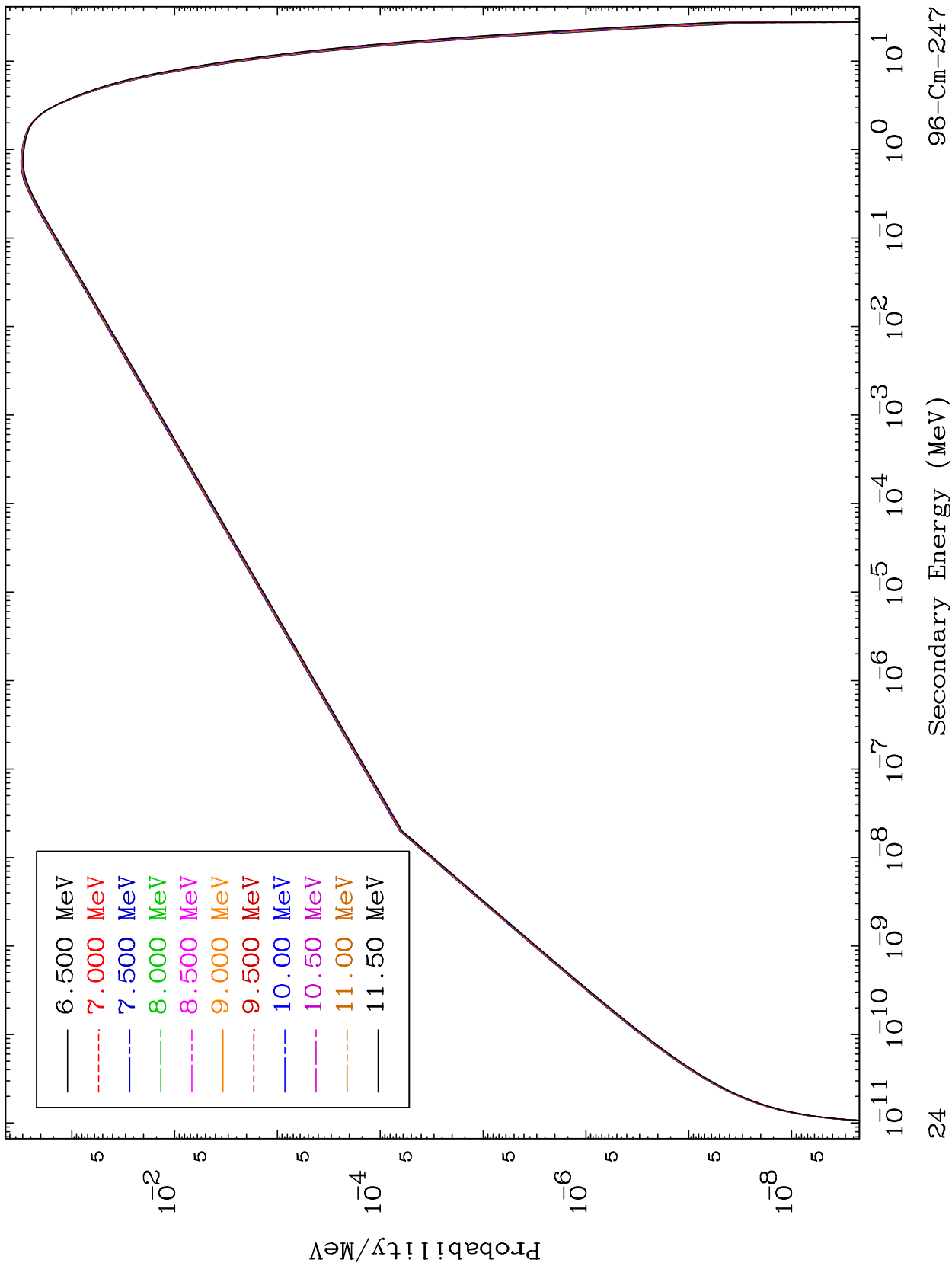
23



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### Fission Energy Distribution

96-Cm-247



96-Cm-247

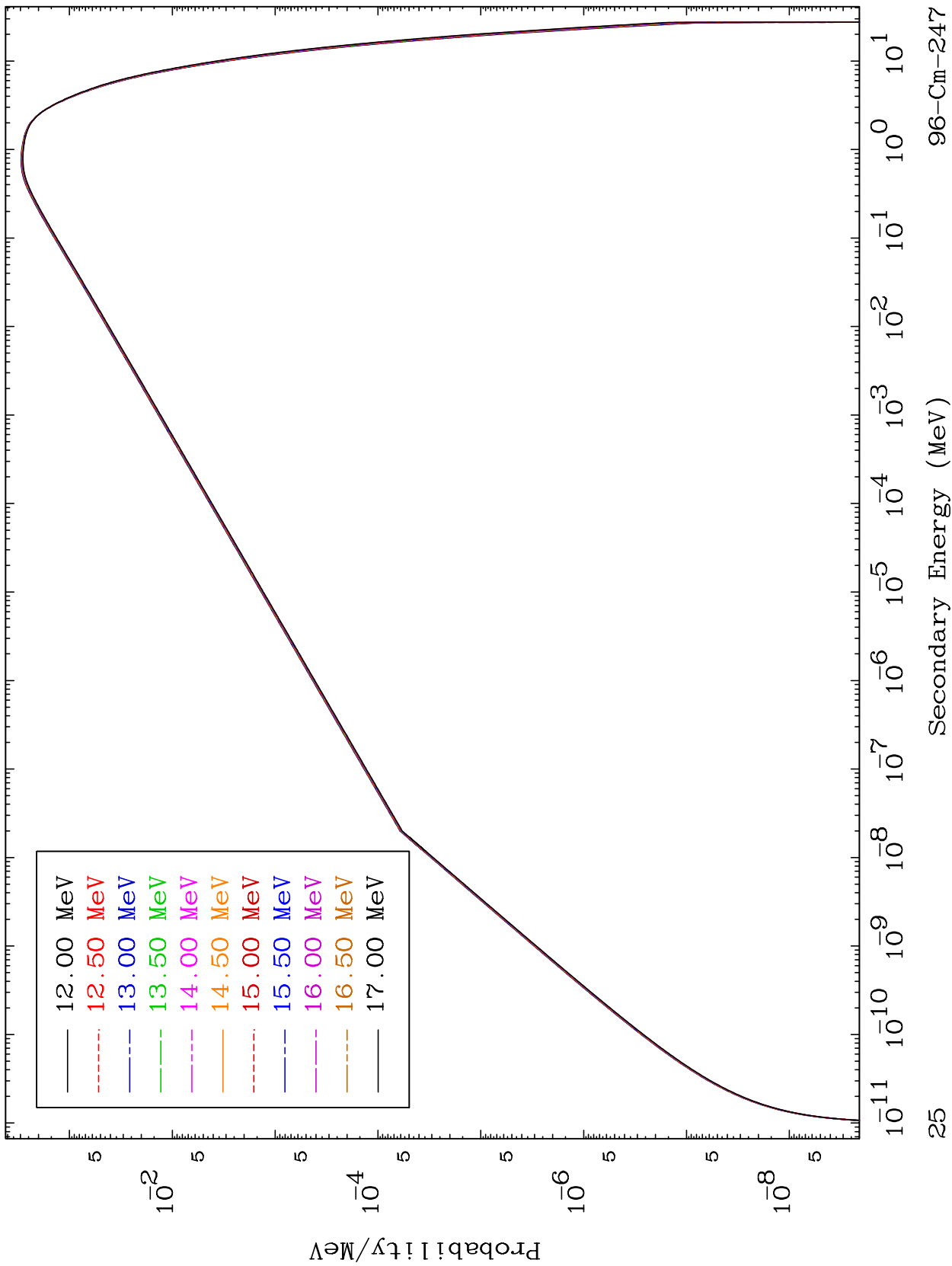
Secondary Energy (MeV)

24

MAT 9646

### Fission Energy Distribution

96-Cm-247



96-Cm-247

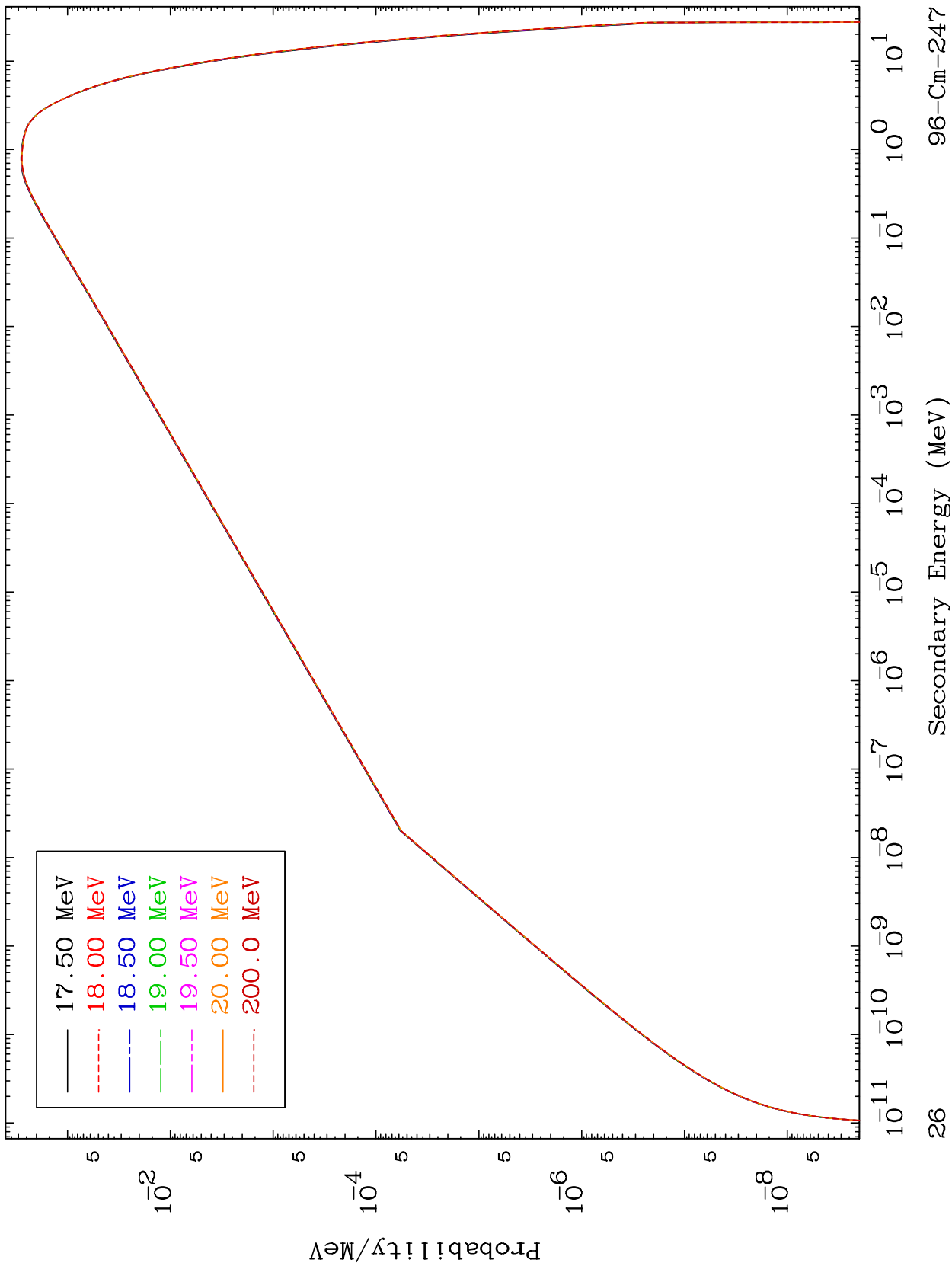
Secondary Energy (MeV)

25

MAT 9646

### Fission Energy Distribution

96-Cm-247



96-Cm-247

Secondary Energy (MeV)

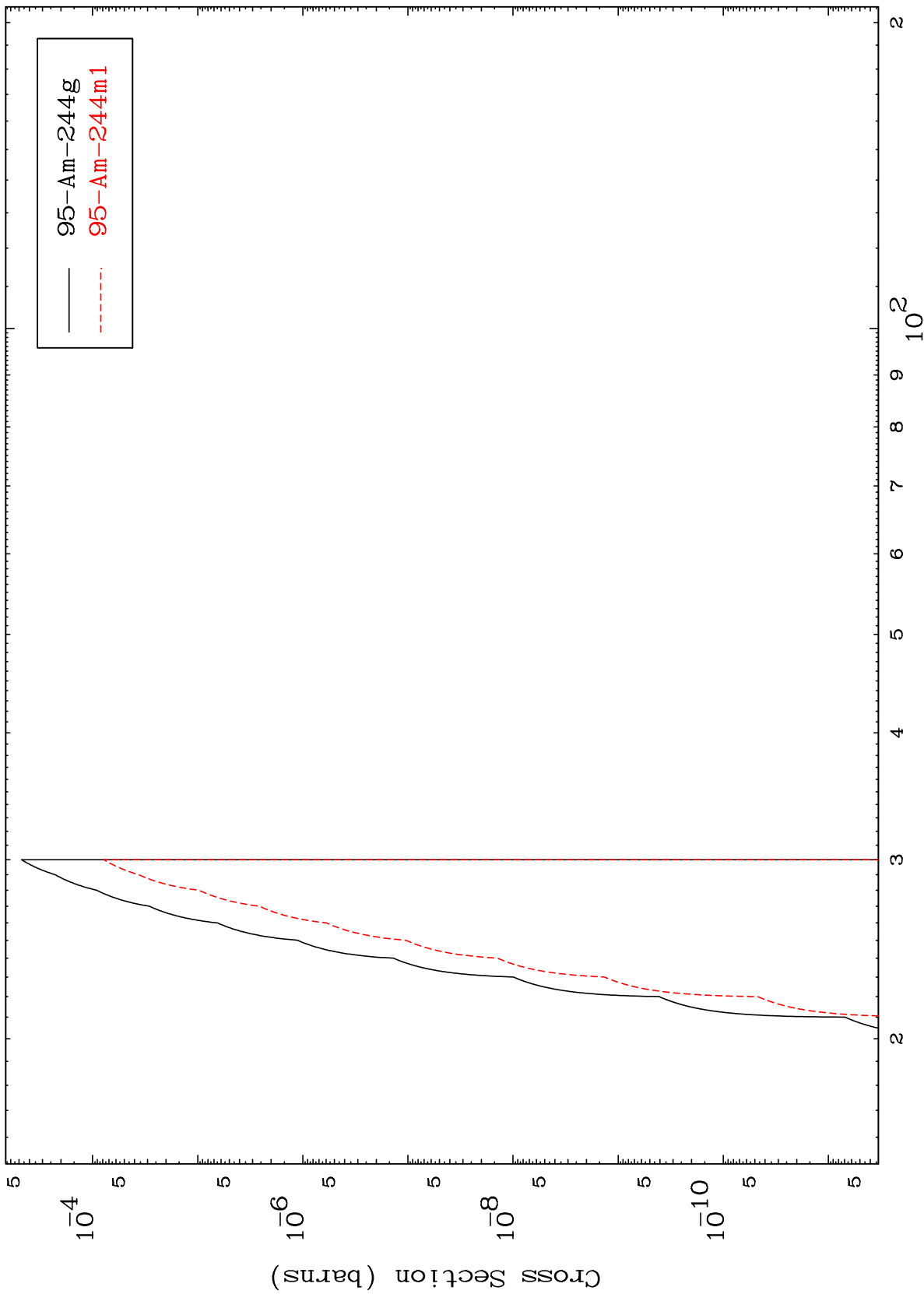
26

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(n,2n) d

96-Cm-247

Radionuclide Production Cross Section



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Incident Energy (MeV)

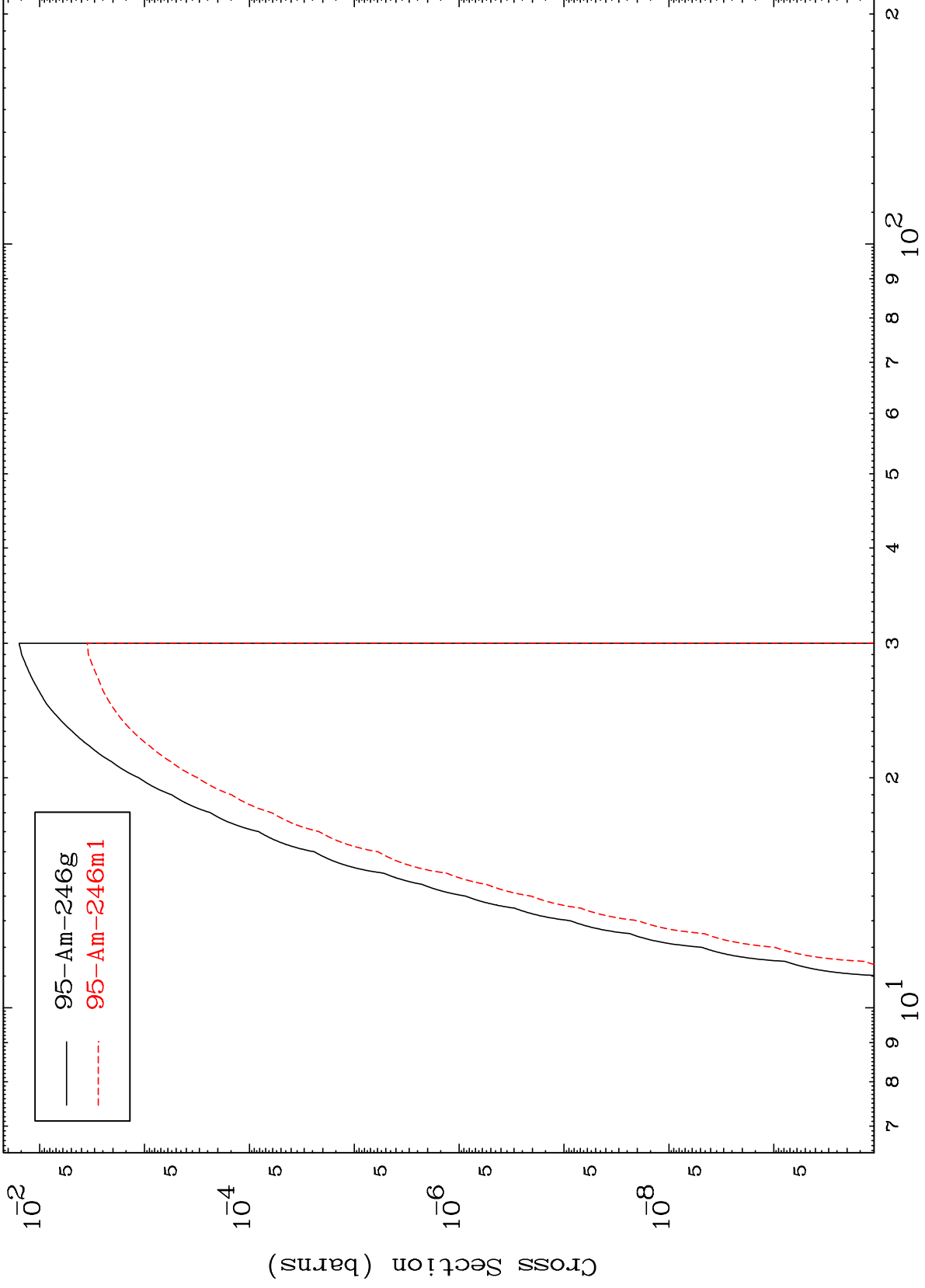
96-Cm-247

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(n,n') p

96-Cm-247

Radionuclide Production Cross Section



95-Am-246g  
95-Am-246m1

28

Incident Energy (MeV)

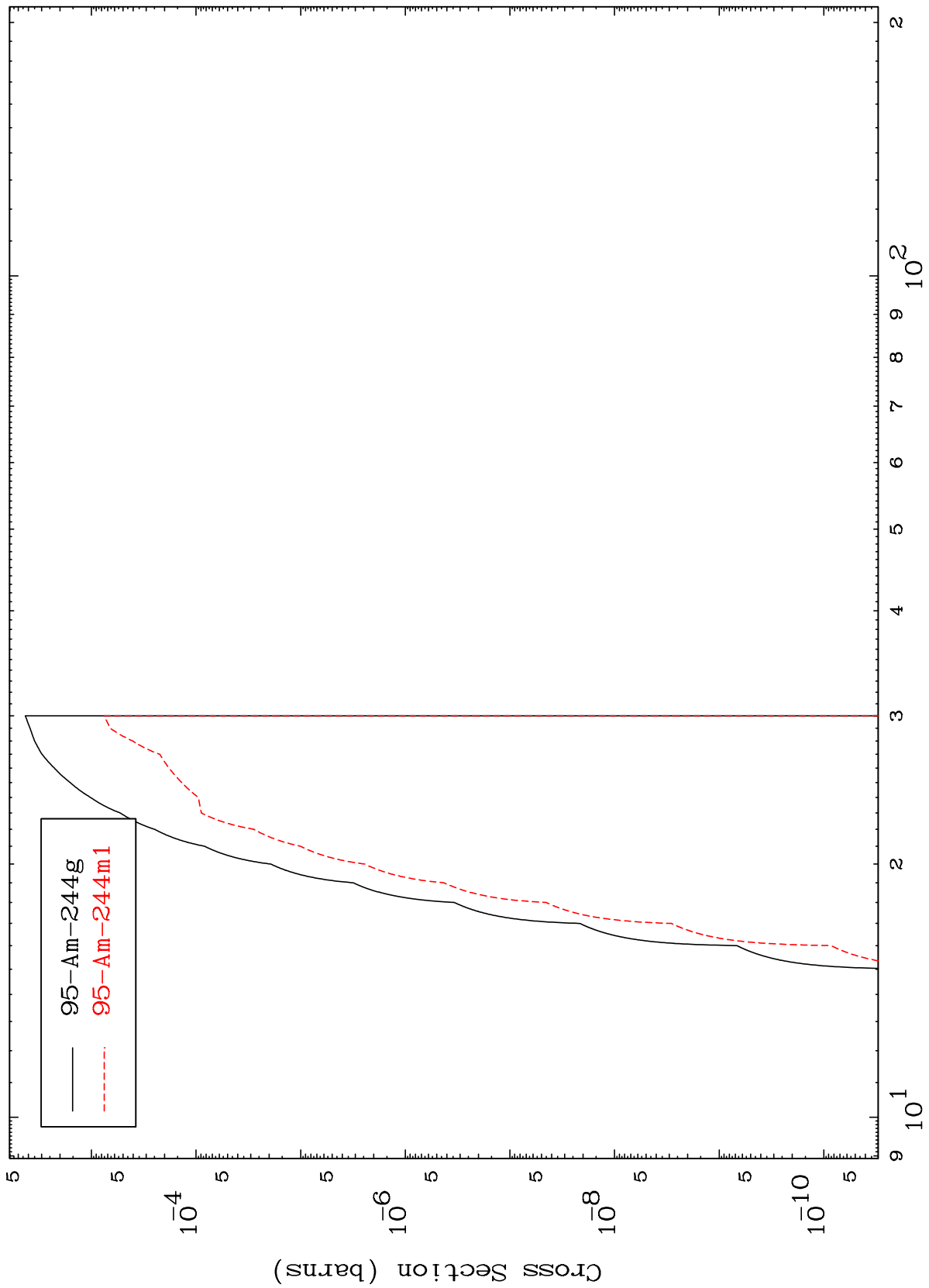
96-Cm-247

MAT 9646

(n,n') t

96-Cm-247

Radionuclide Production Cross Section



95-Am-244g  
95-Am-244m1

Incident Energy (MeV)

96-Cm-247

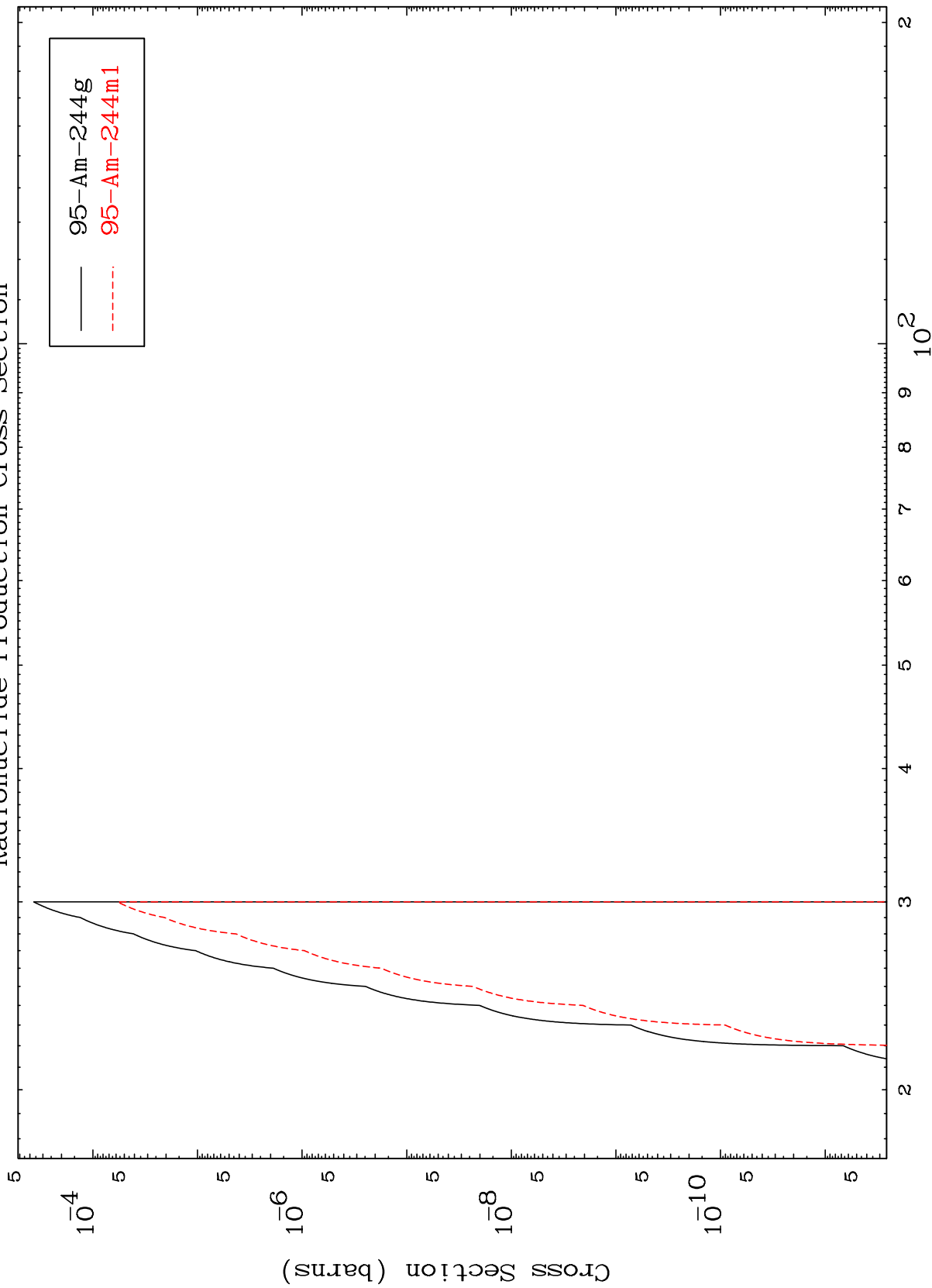
29

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(n,3n) p

96-Cm-247

Radionuclide Production Cross Section



95-Am-244g  
95-Am-244m1

30

Incident Energy (MeV)

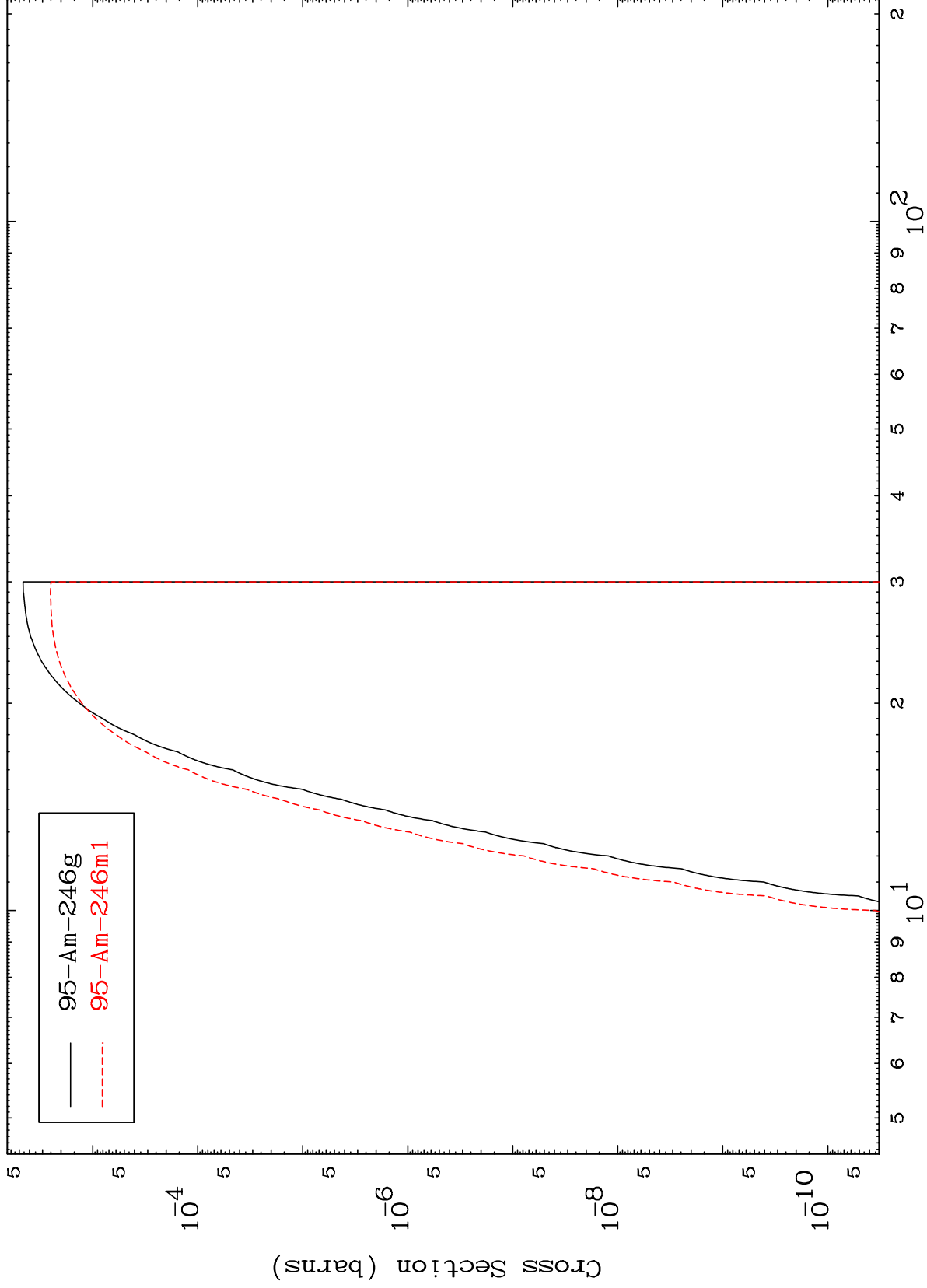
96-Cm-247

MAT 9646

(n,d)

96-Cm-247

Radionuclide Production Cross Section



Incident Energy (MeV)

96-Cm-247

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