

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

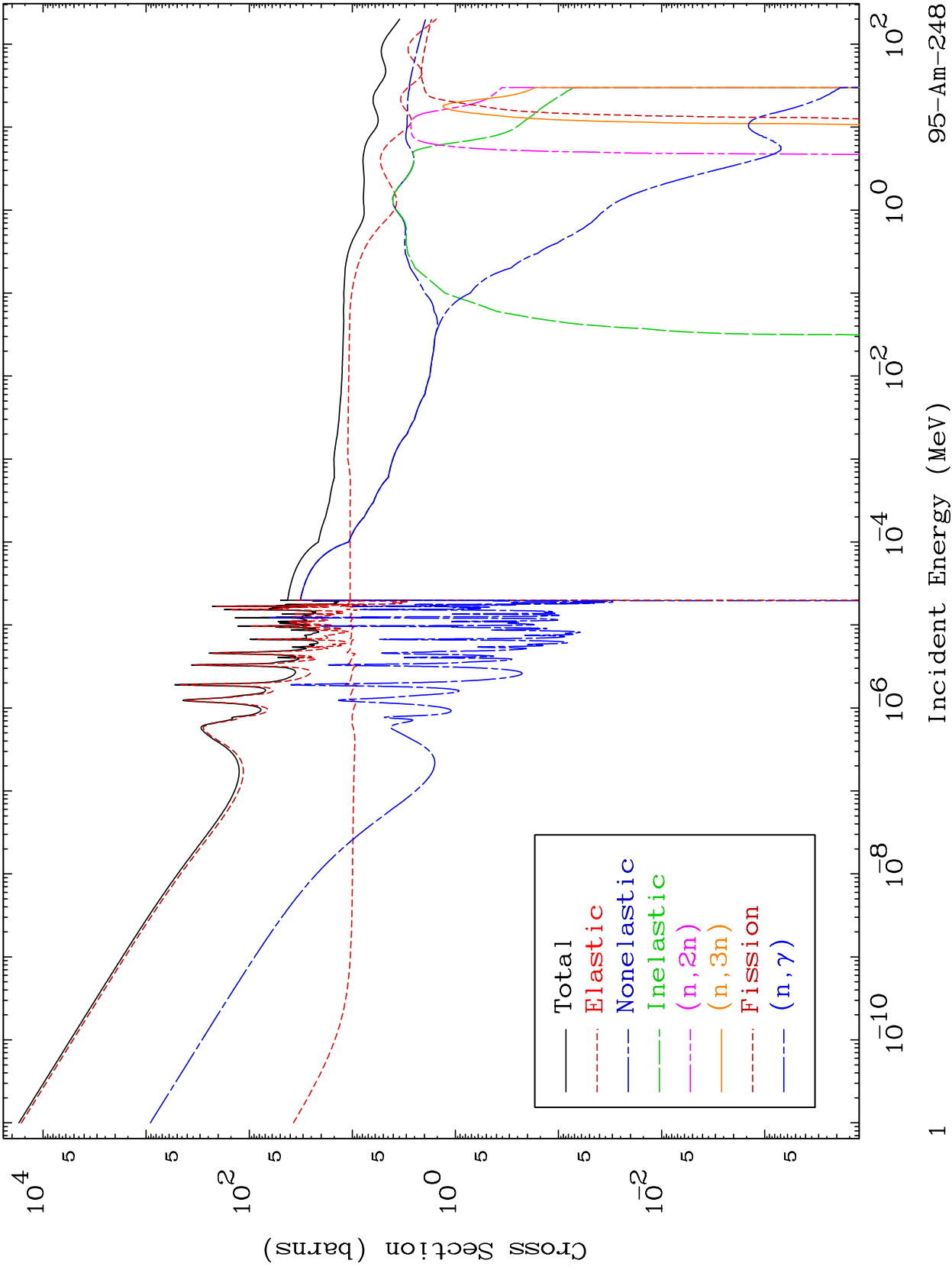
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9564

Neutron Major  
293 Kelvin Cross Sections

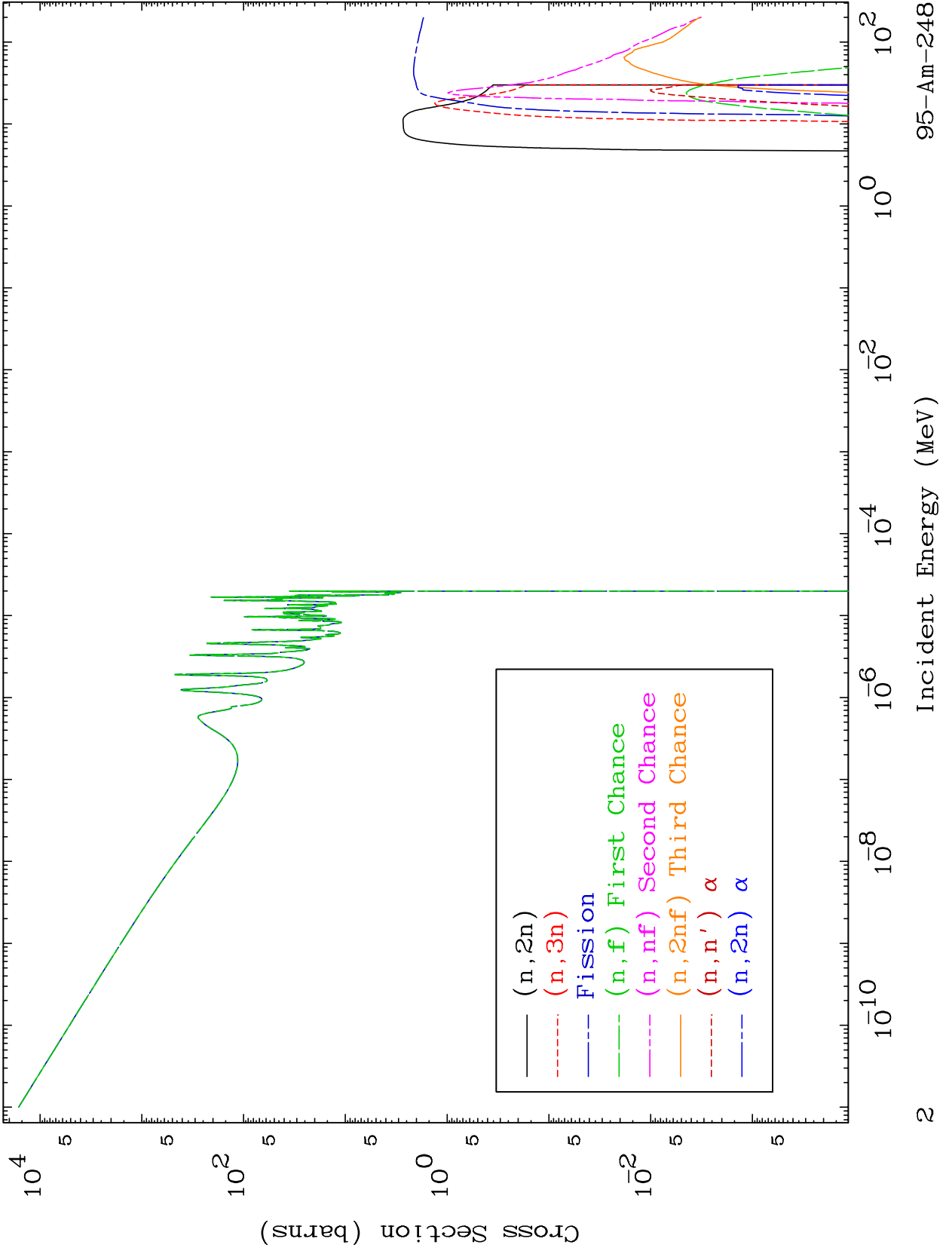
95-Am-248



MAT 9564

Neutron Absorption  
293 Kelvin Cross Sections

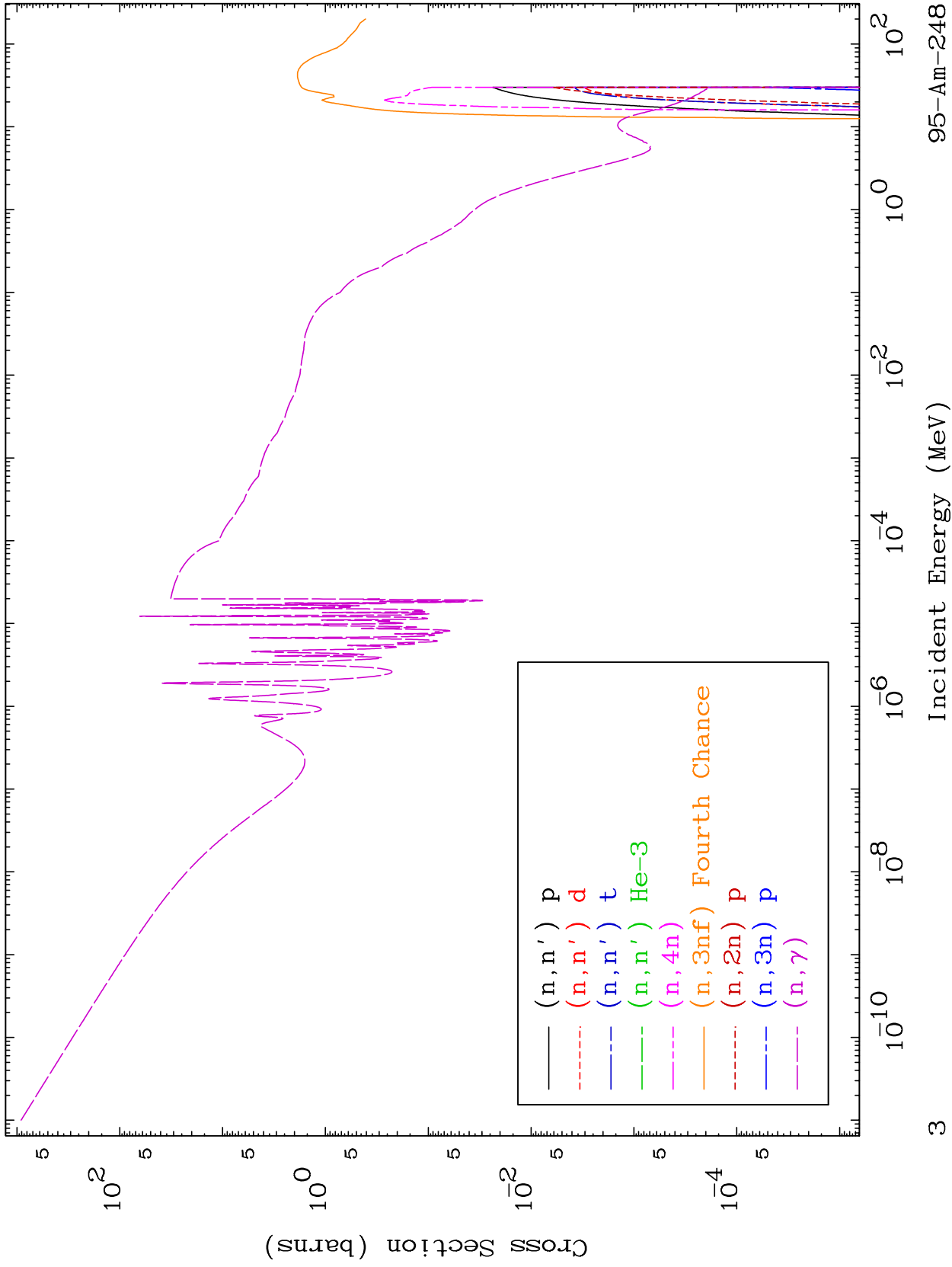
95-Am-248



MAT 9564

Neutron Absorption  
293 Kelvin Cross Sections

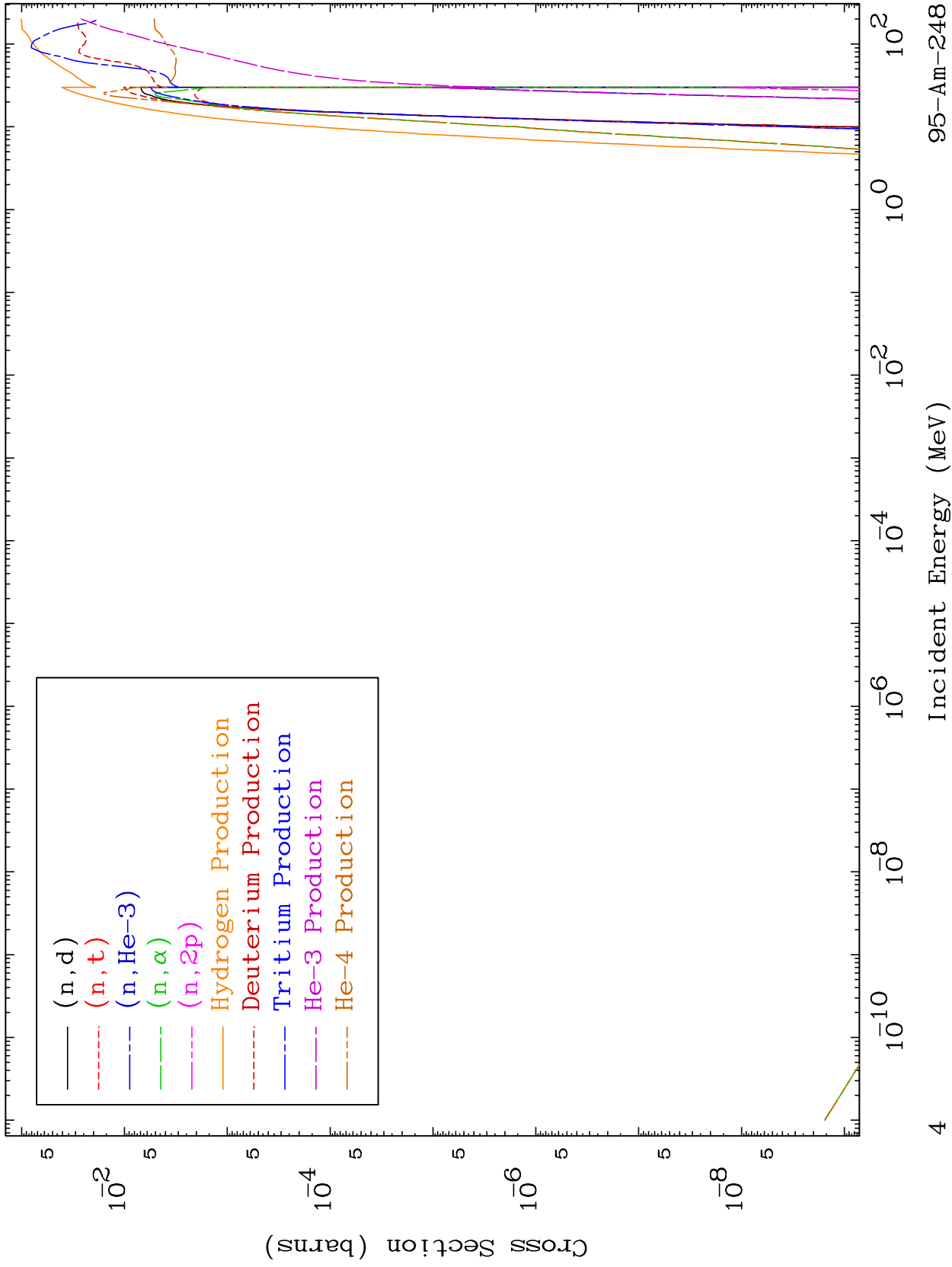
95-Am-248



MAT 9564

Neutron Absorption  
293 Kelvin Cross Sections

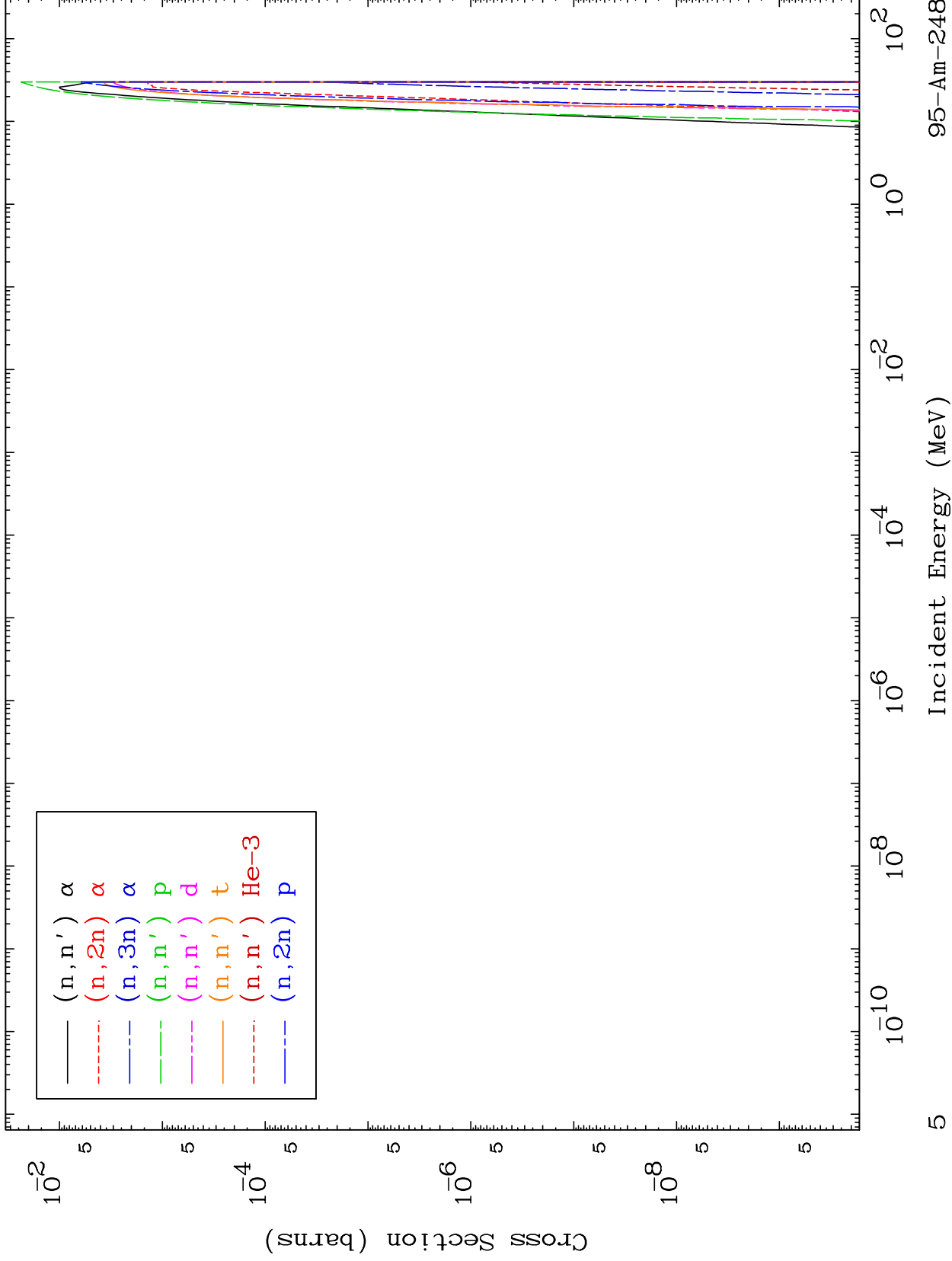
95-Am-248



MAT 9564

Charged Particle  
293 Kelvin Cross Sections

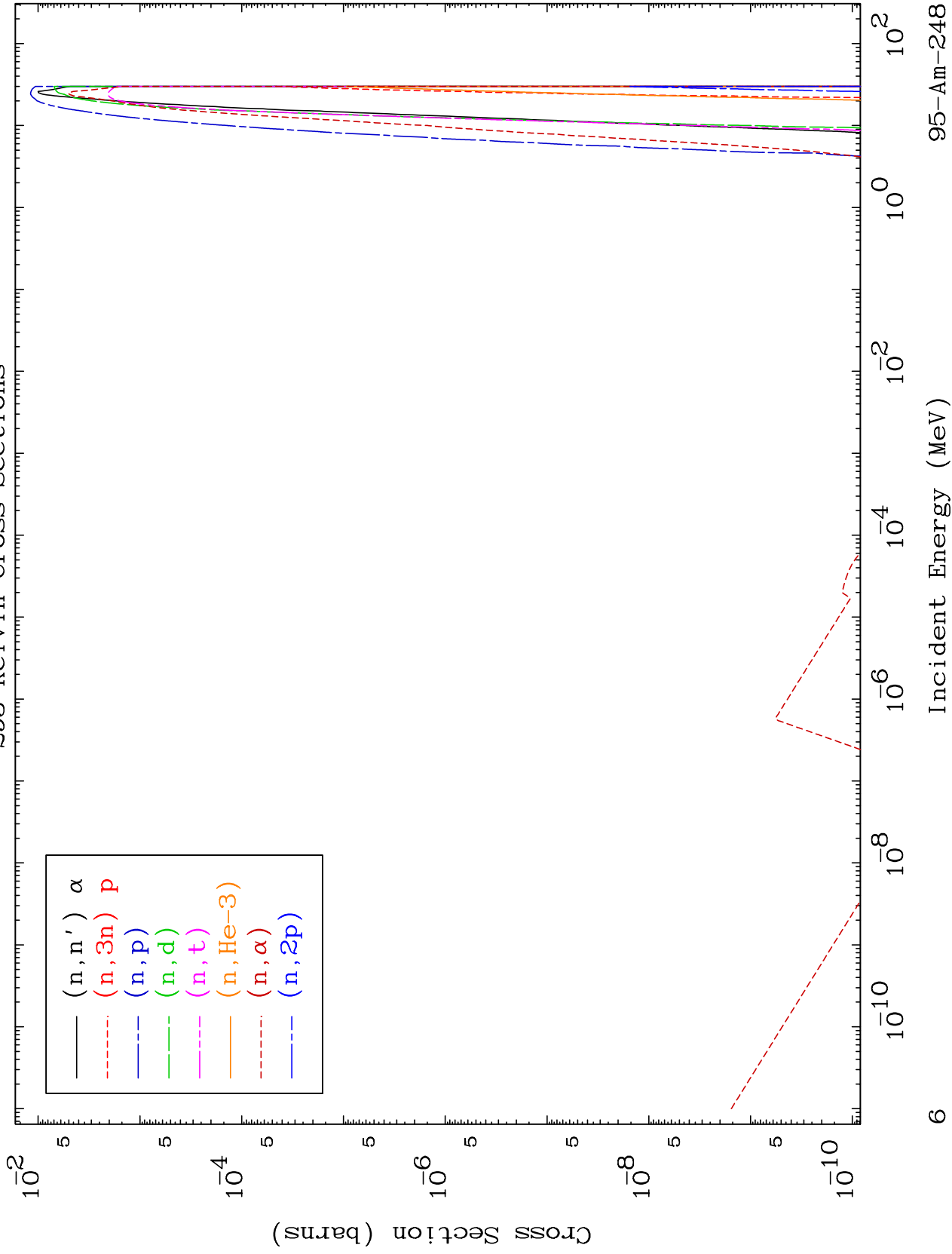
95-Am-248



MAT 9564

Charged Particle  
293 Kelvin Cross Sections

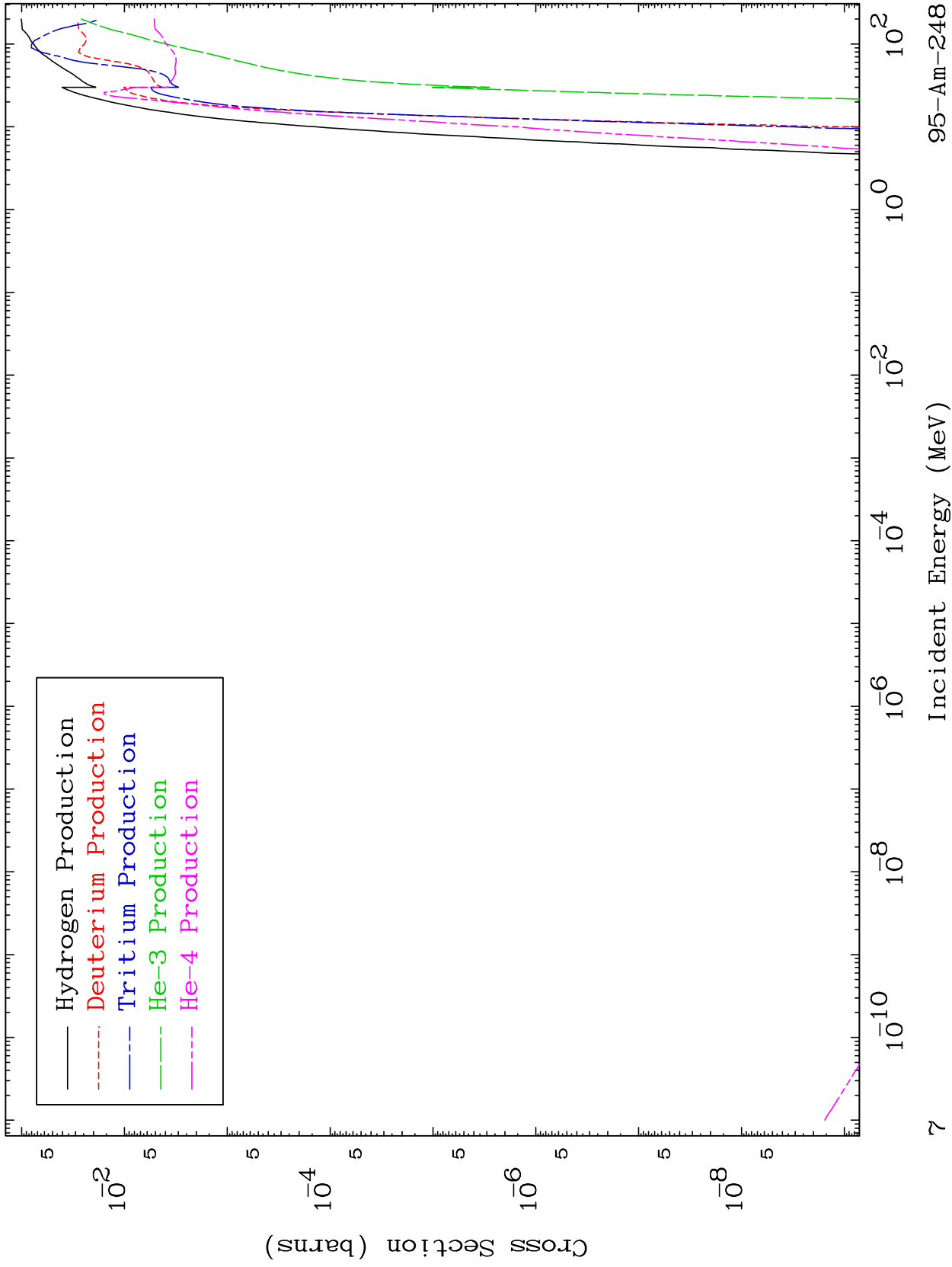
95-Am-248



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Particle Production  
293 Kelvin Cross Sections

95-Am-248

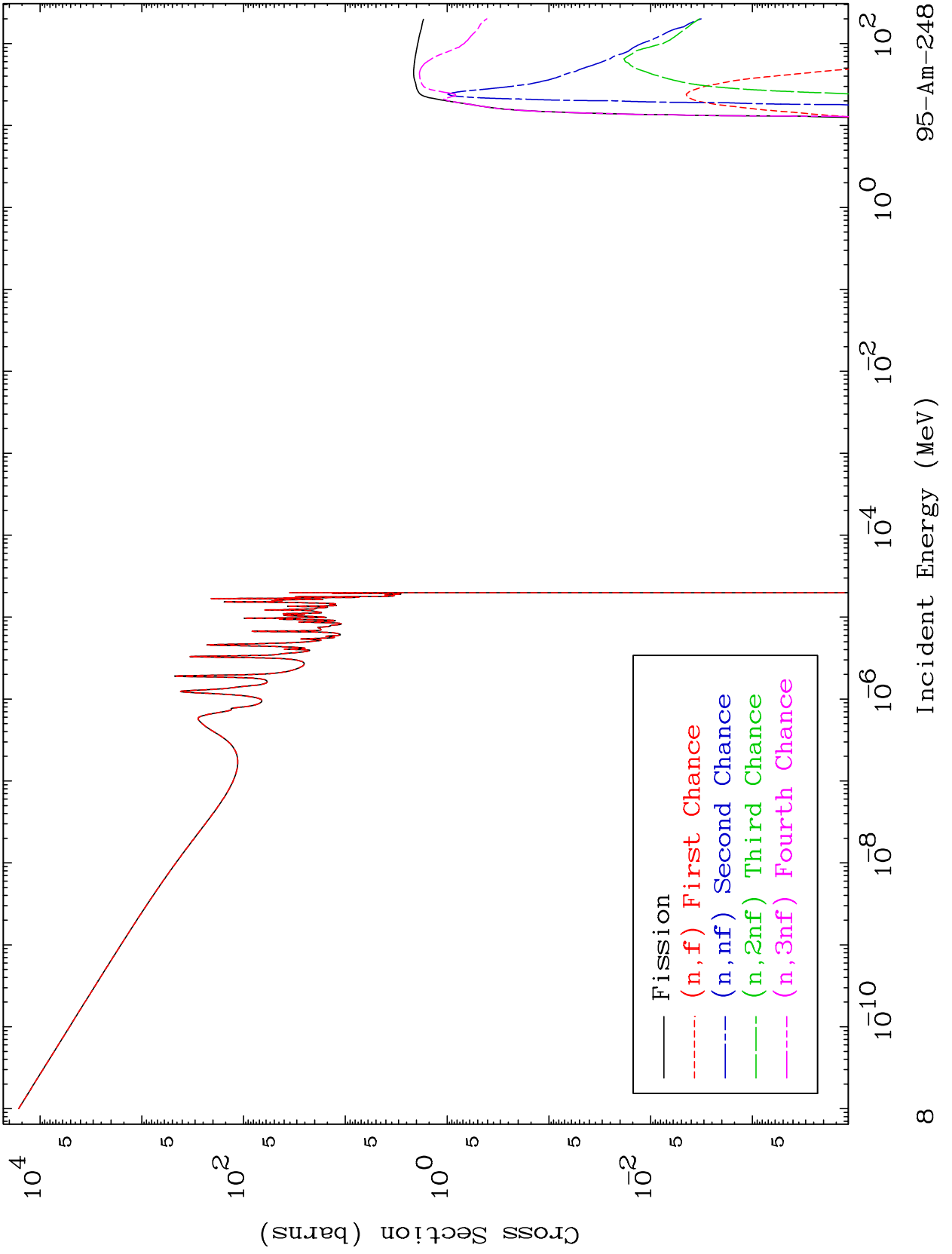


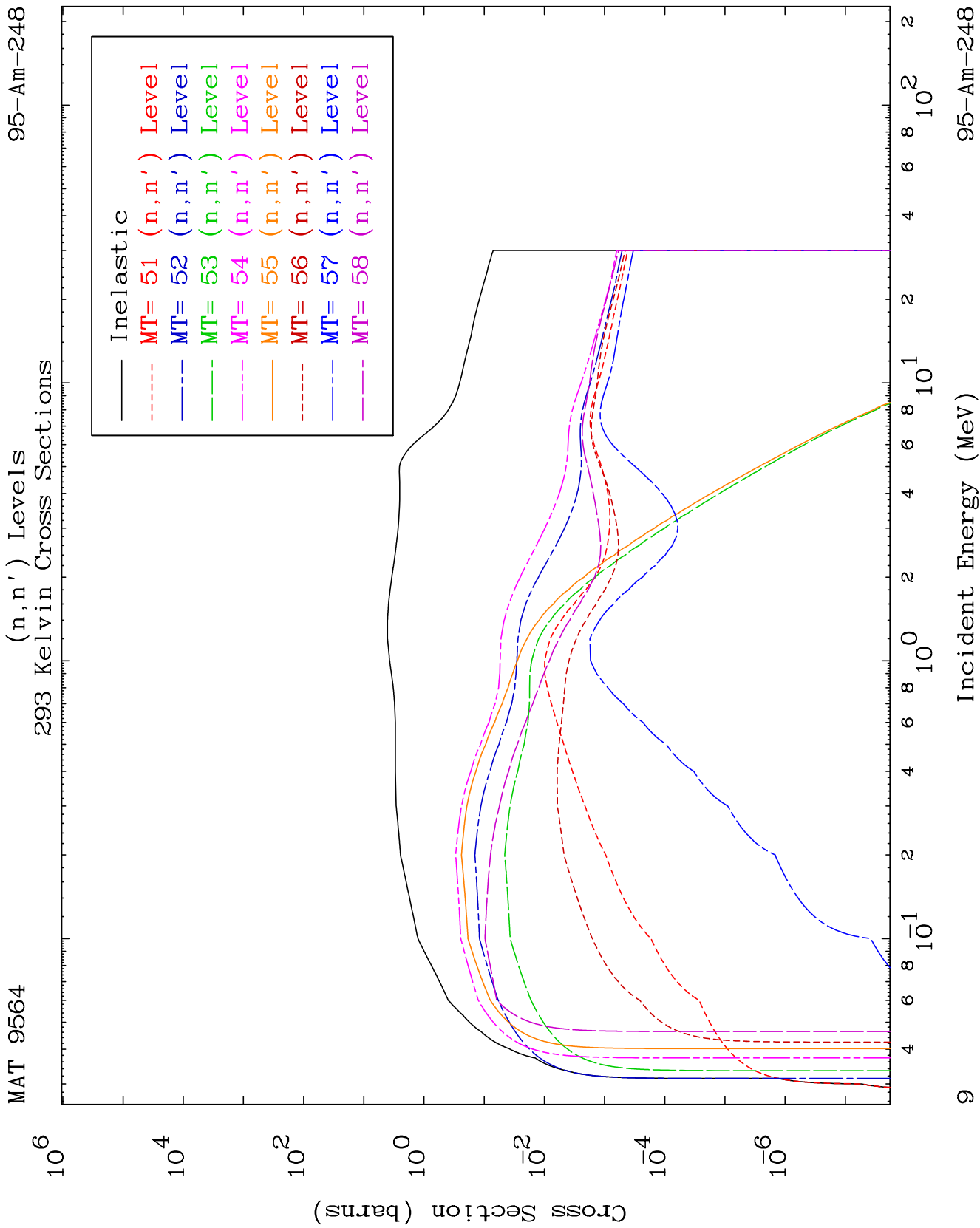


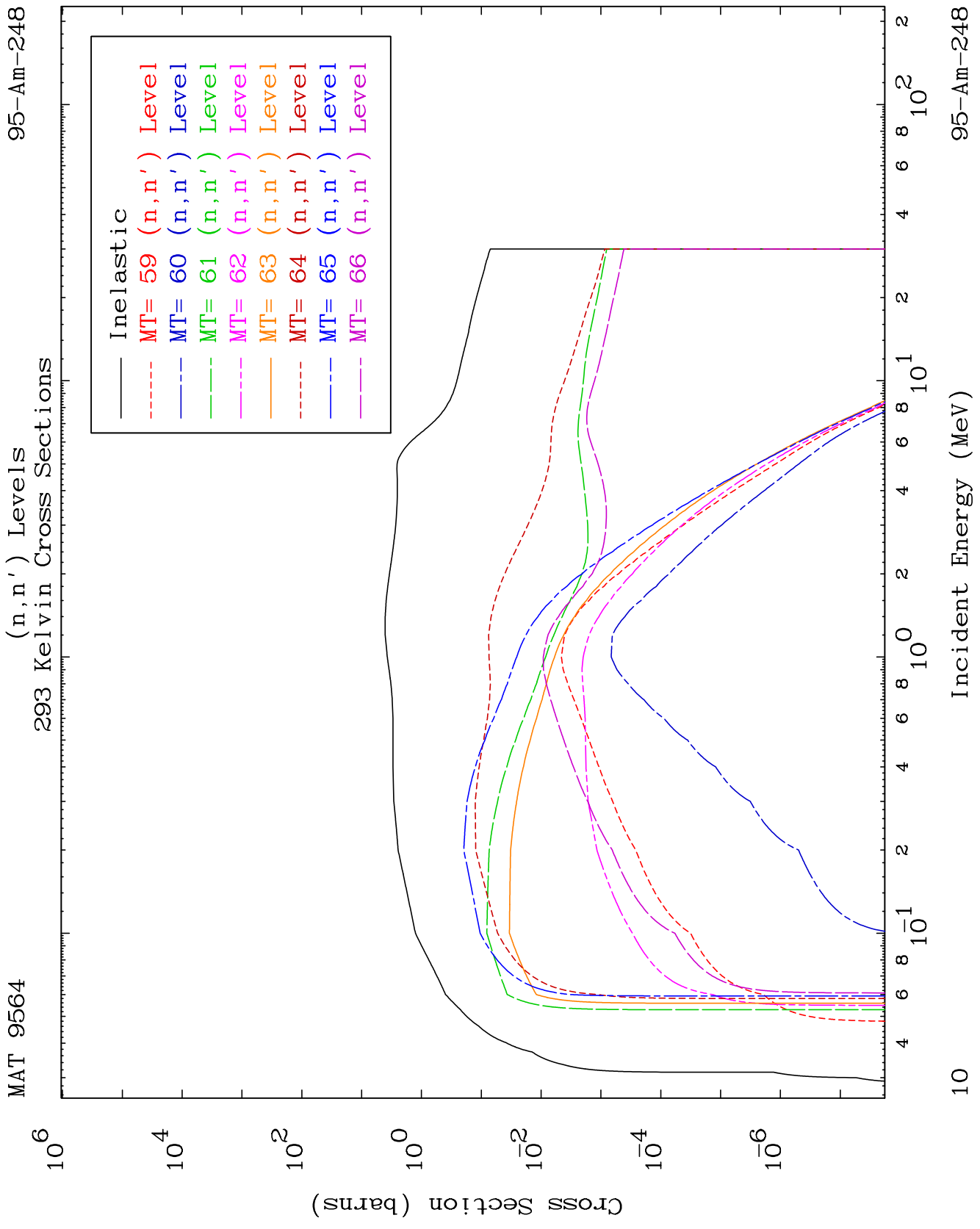
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Fission  
293 Kelvin Cross Sections

95-Am-248







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(n,n') Levels

95-Am-248

293 Kelvin Cross Sections

$10^6$

$10^4$

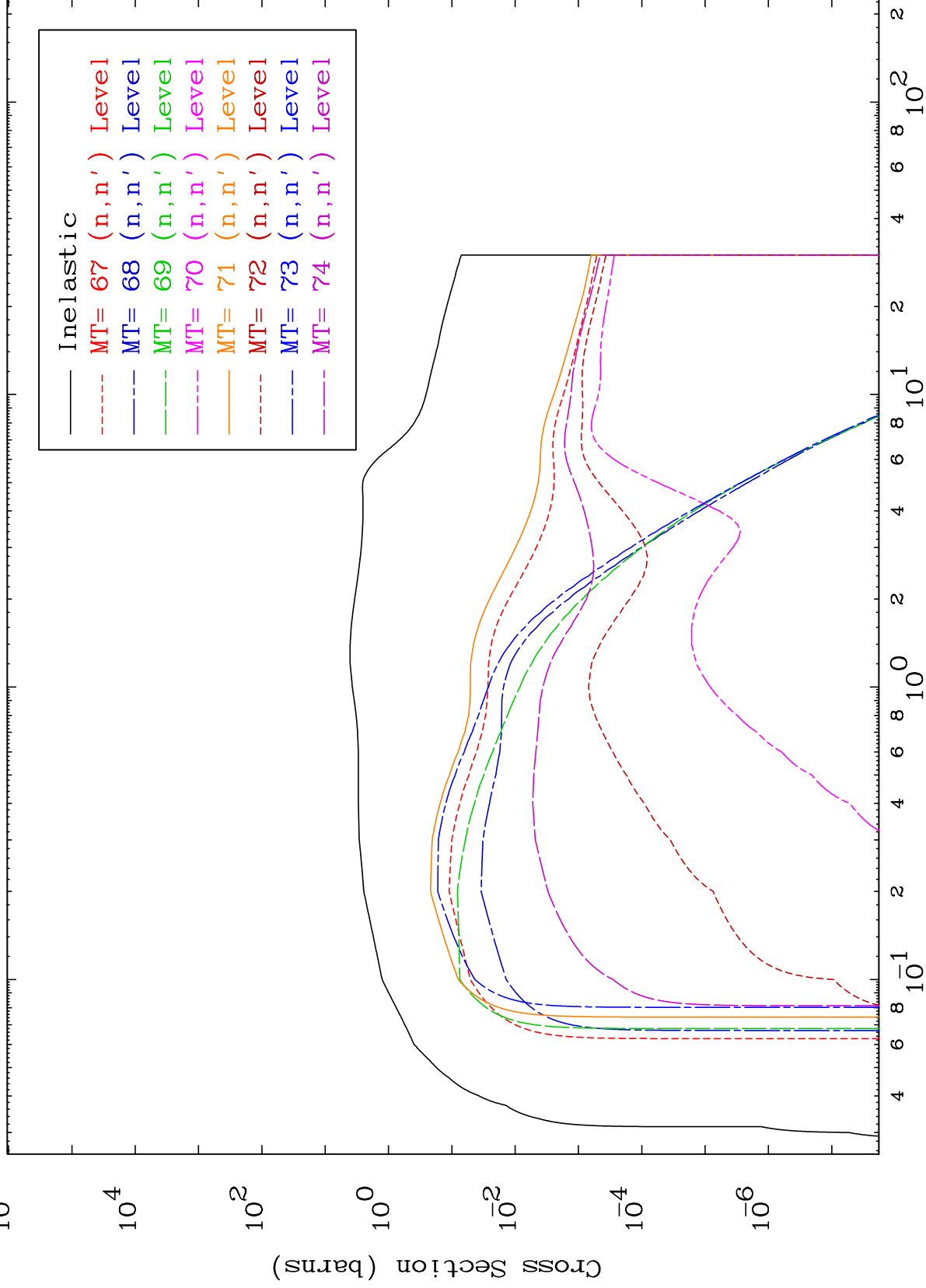
$10^2$

$10^0$

$10^{-2}$

$10^{-4}$

$10^{-6}$



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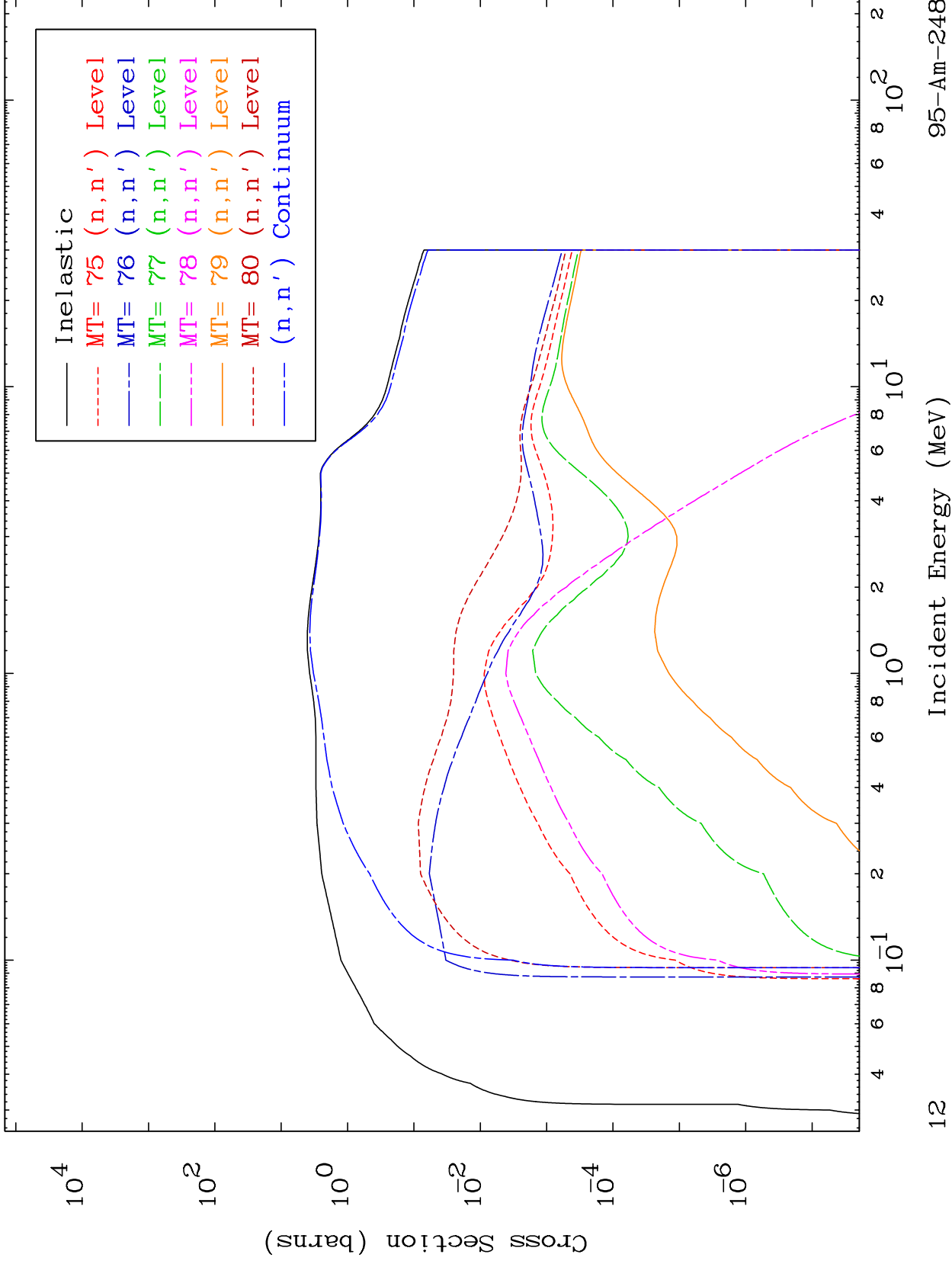
Incident Energy (MeV)

95-Am-248

MAT 9564

(n,n') Levels  
293 Kelvin Cross Sections

95-Am-248



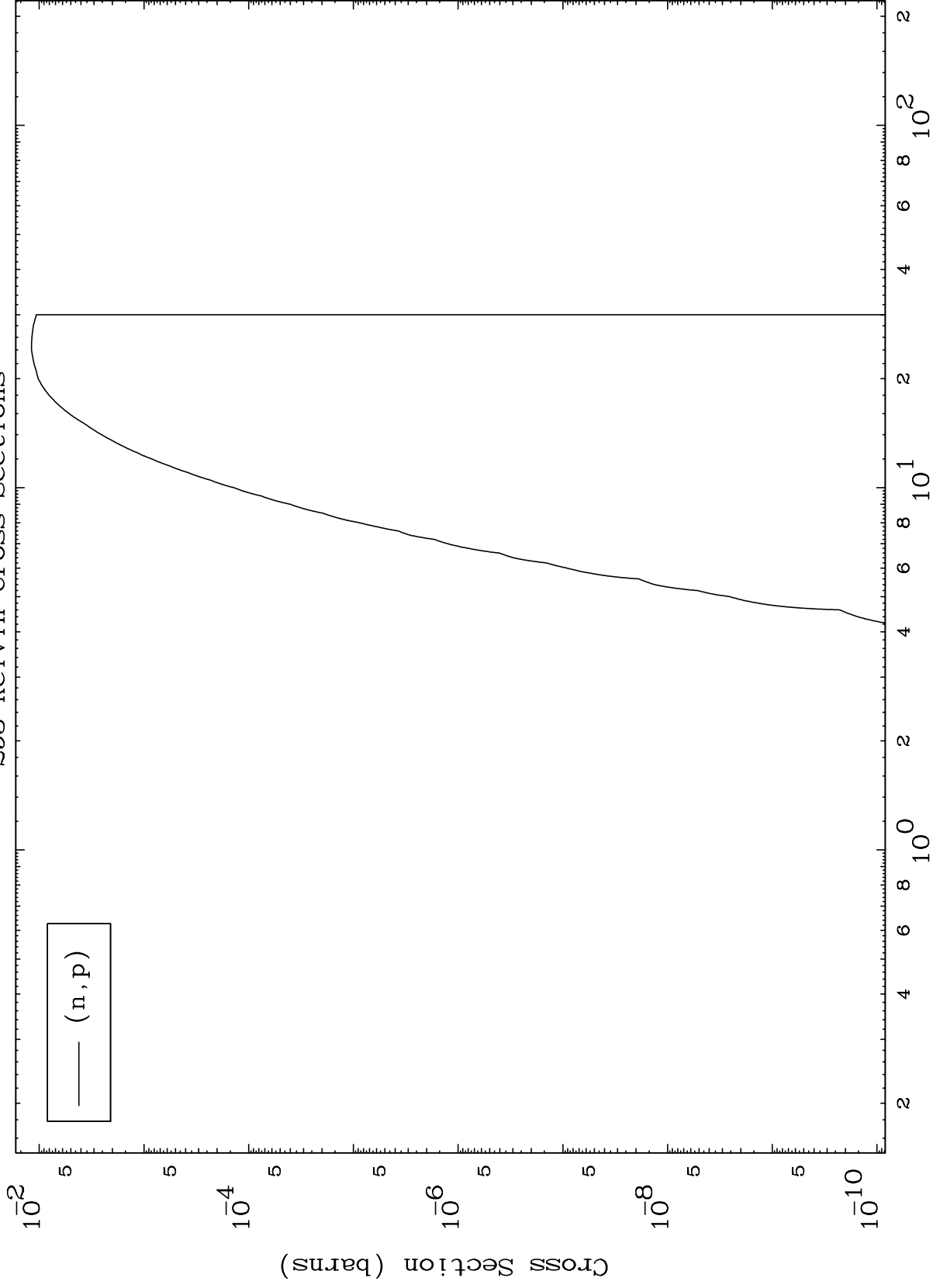
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95-Am-248

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(n,p) Levels  
293 Kelvin Cross Sections

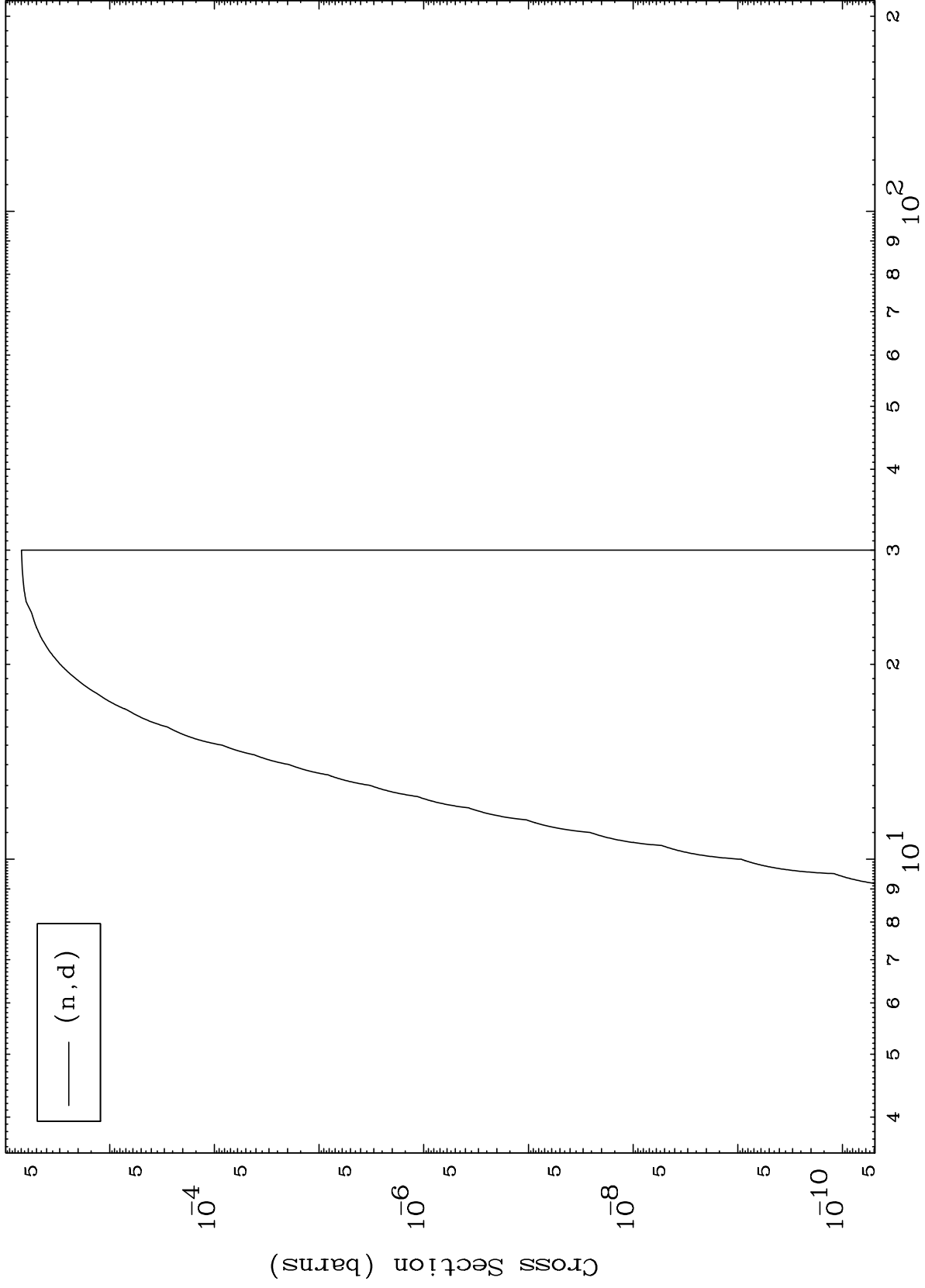
95-Am-248



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(n,d) Levels  
293 Kelvin Cross Sections

95-Am-248



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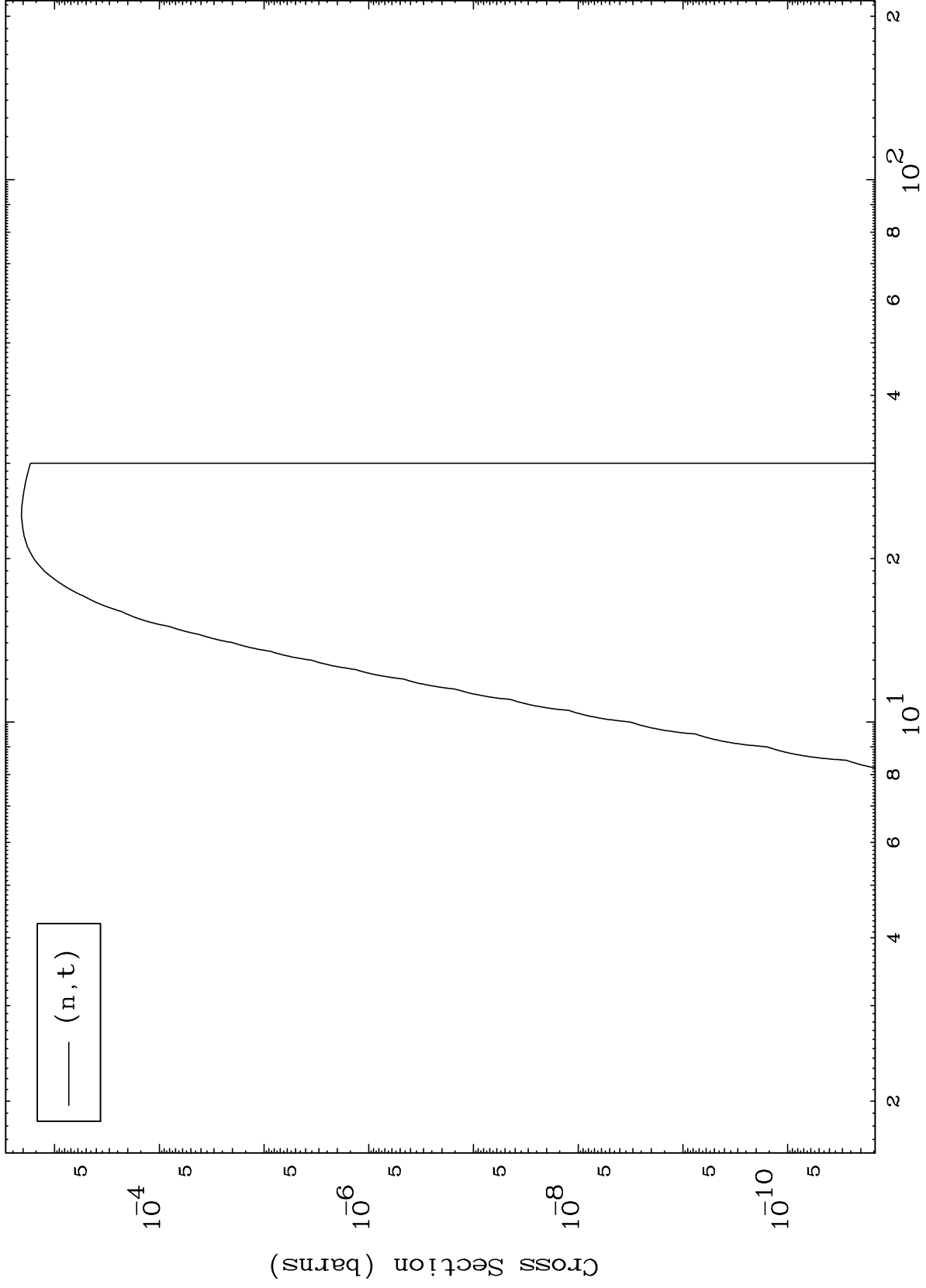
Incident Energy (MeV)

95-Am-248

MAT 9564

(n,t) Levels  
293 Kelvin Cross Sections

95-Am-248



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Incident Energy (MeV)

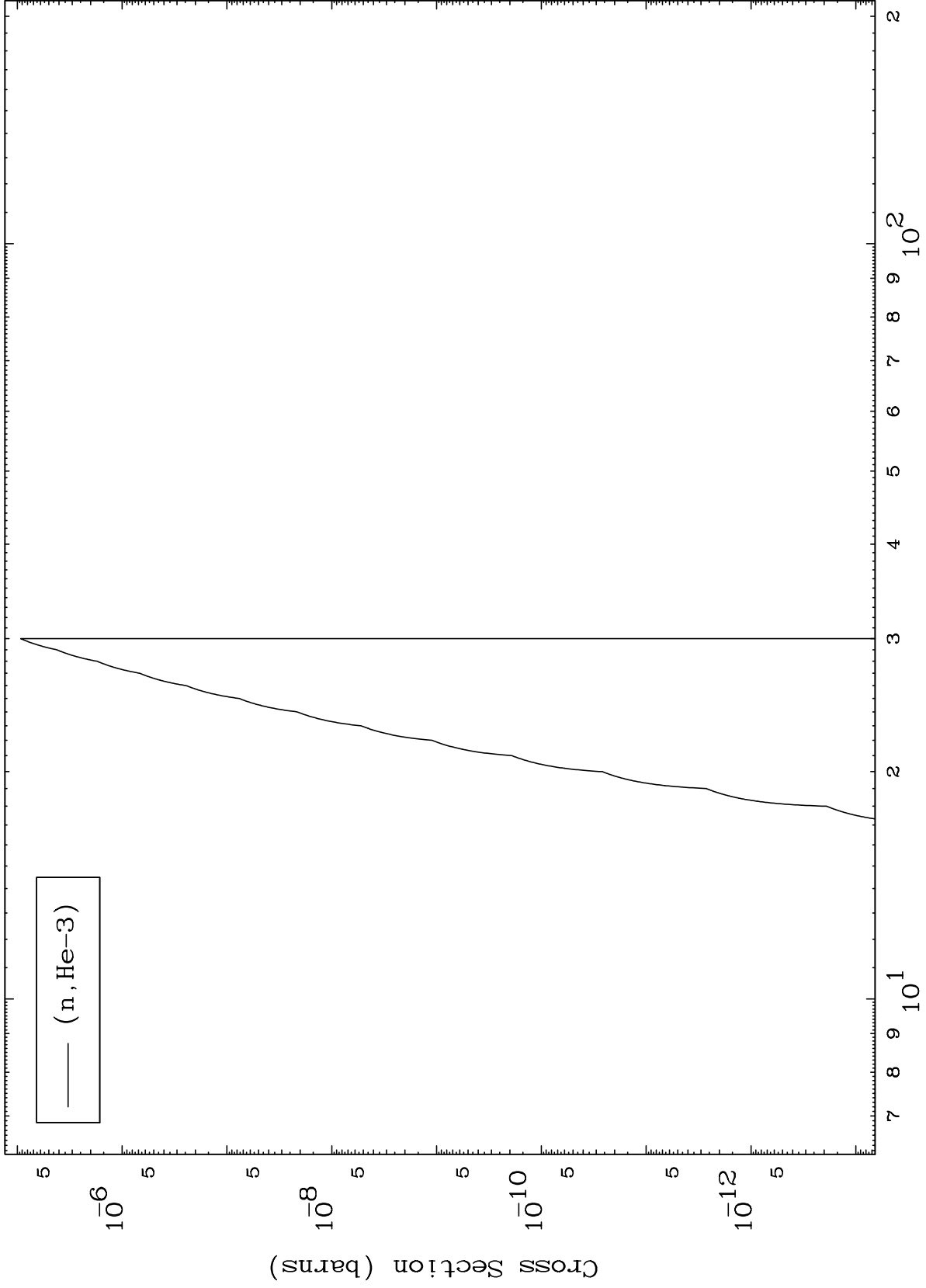
95-Am-248



MAT 9564

(n,He3) Levels  
293 Kelvin Cross Sections

95-Am-248



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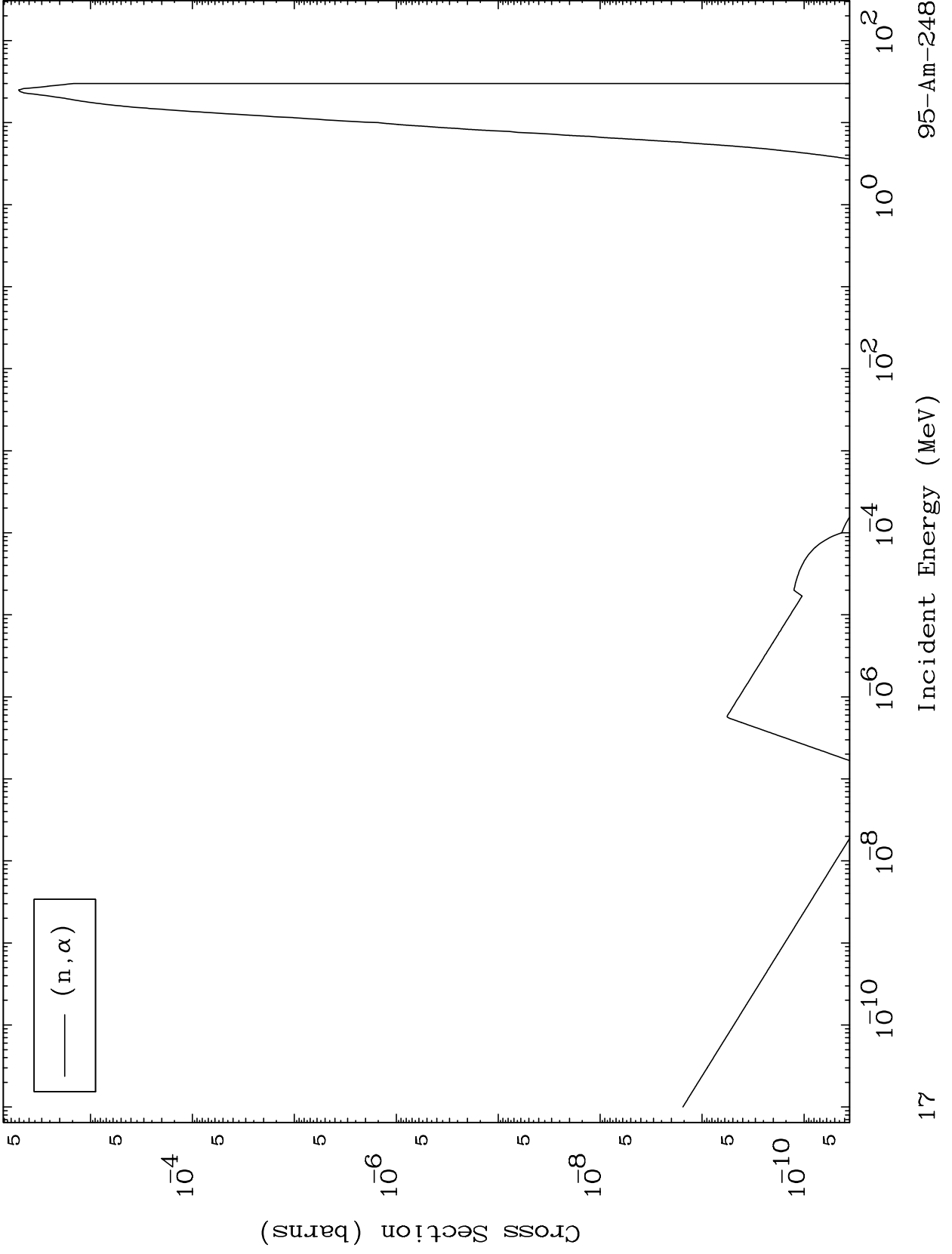
Incident Energy (MeV)

95-Am-248

MAT 9564

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

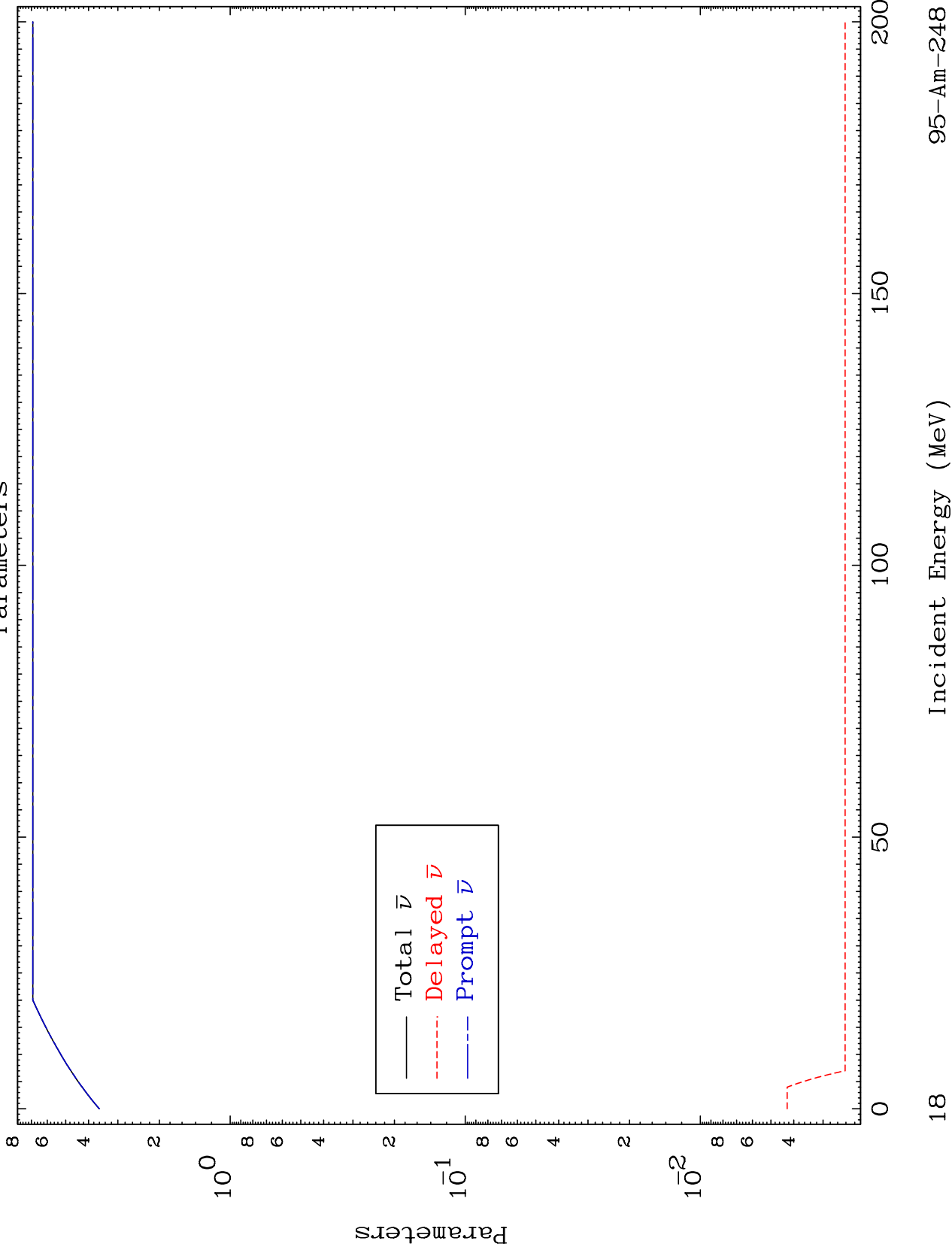
95-Am-248



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Energy Release  
Parameters

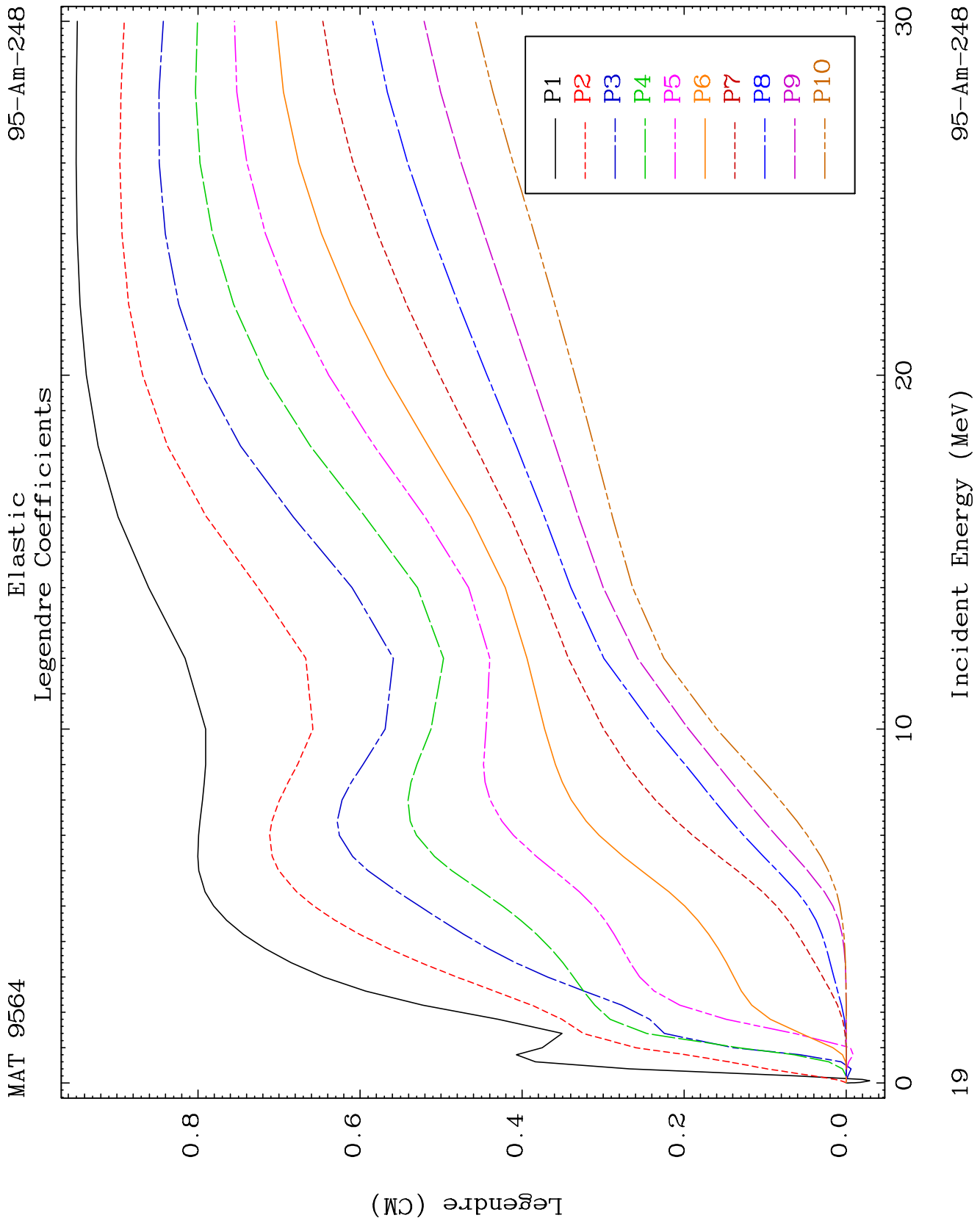
95-Am-248

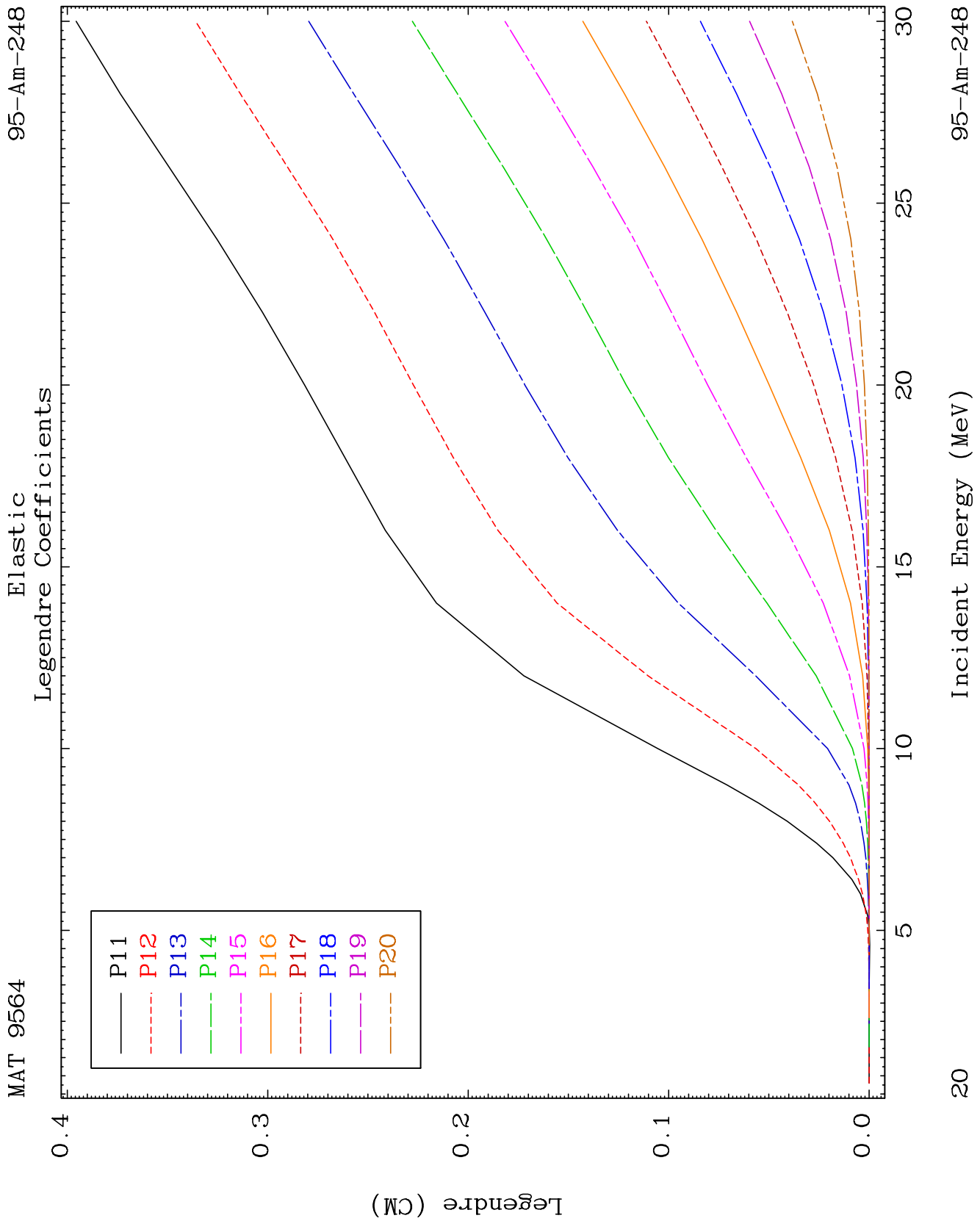


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Incident Energy (MeV)

95-Am-248

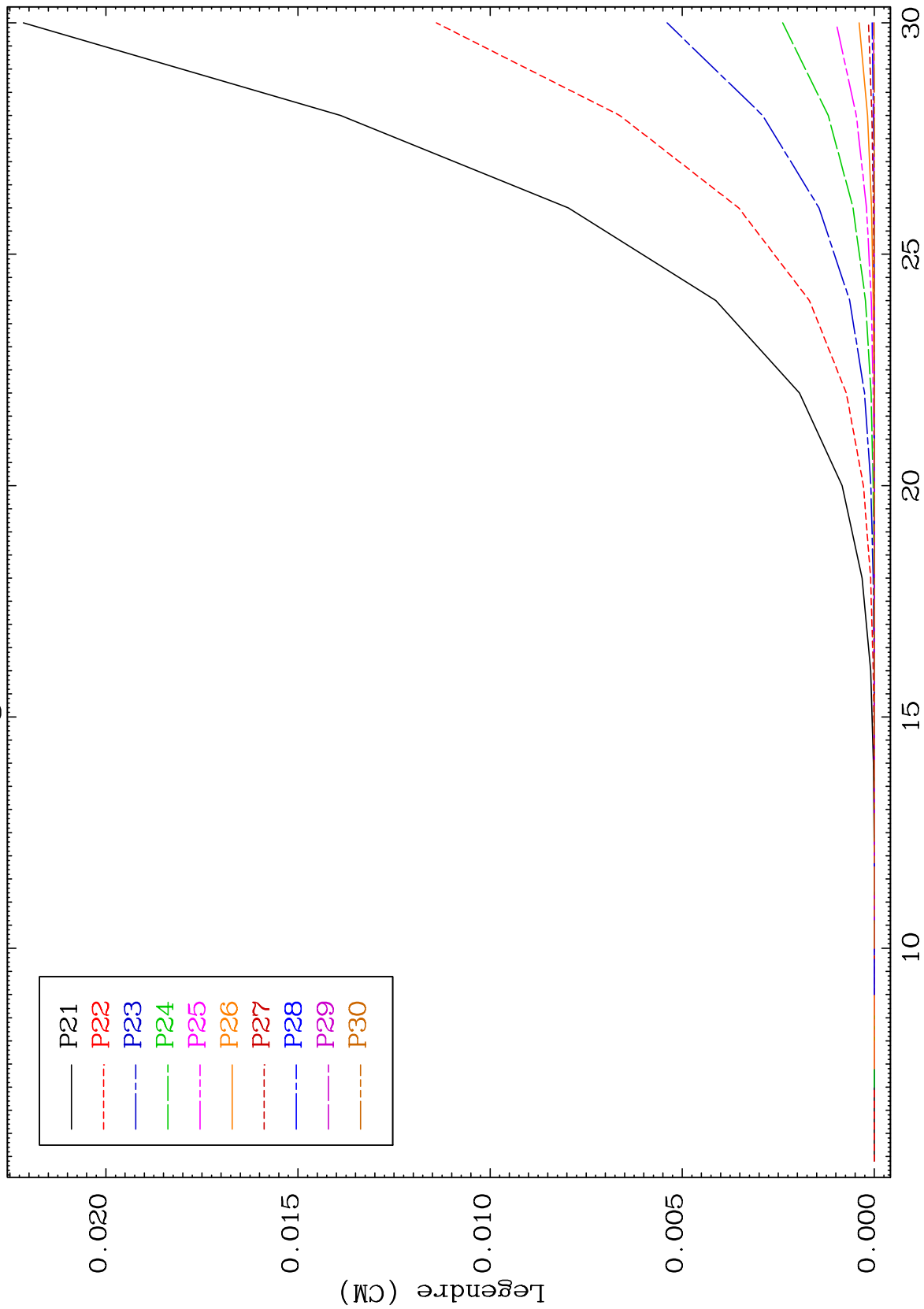




MAT 9564

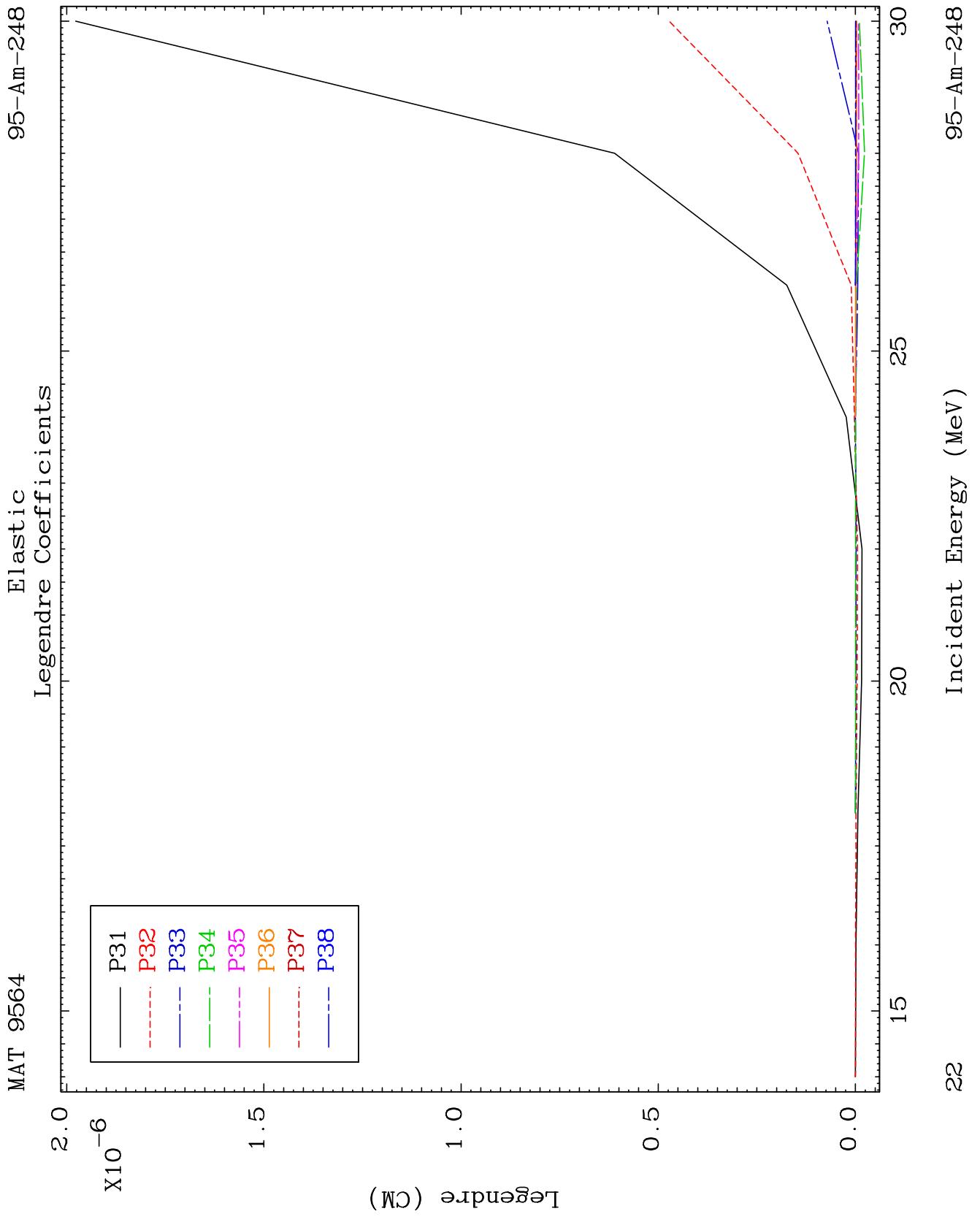
### Elastic Legendre Coefficients

95-Am-248



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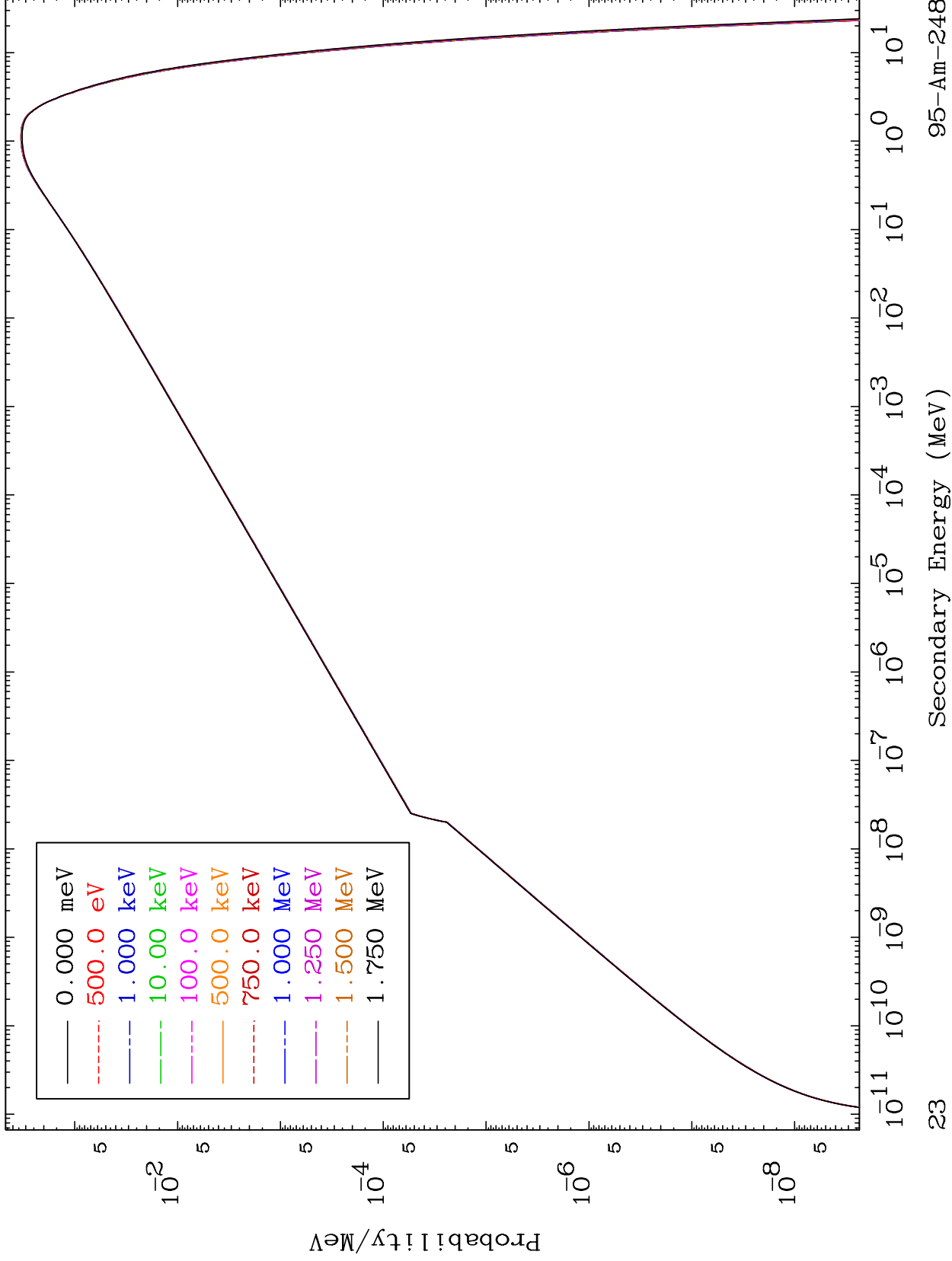
95-Am-248



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### Fission Energy Distributions

95-Am-248



95-Am-248

Secondary Energy (MeV)

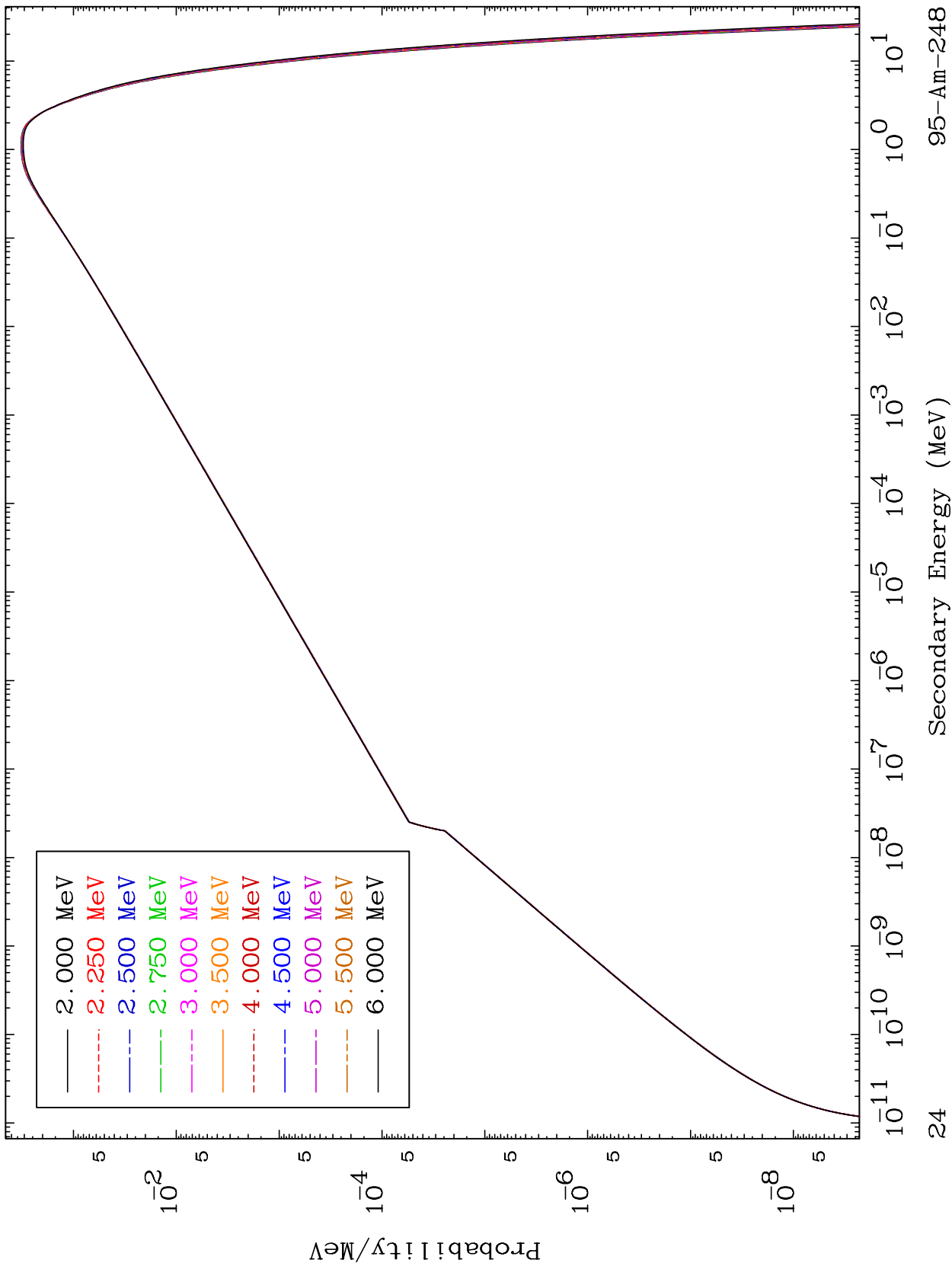
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### Fission Energy Distributions

95-Am-248



95-Am-248

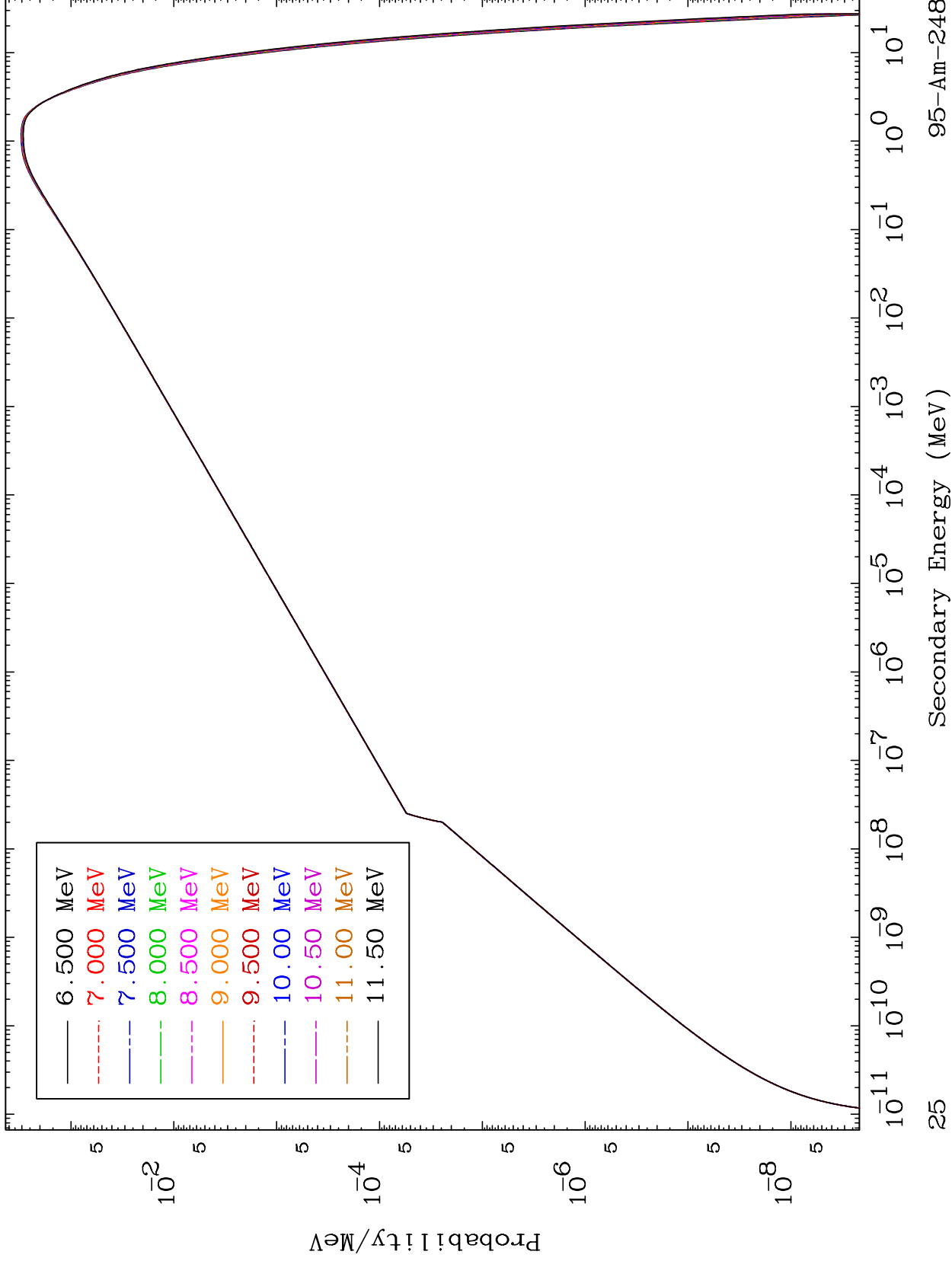
Secondary Energy (MeV)

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### Fission Energy Distributions

95-Am-248



95-Am-248

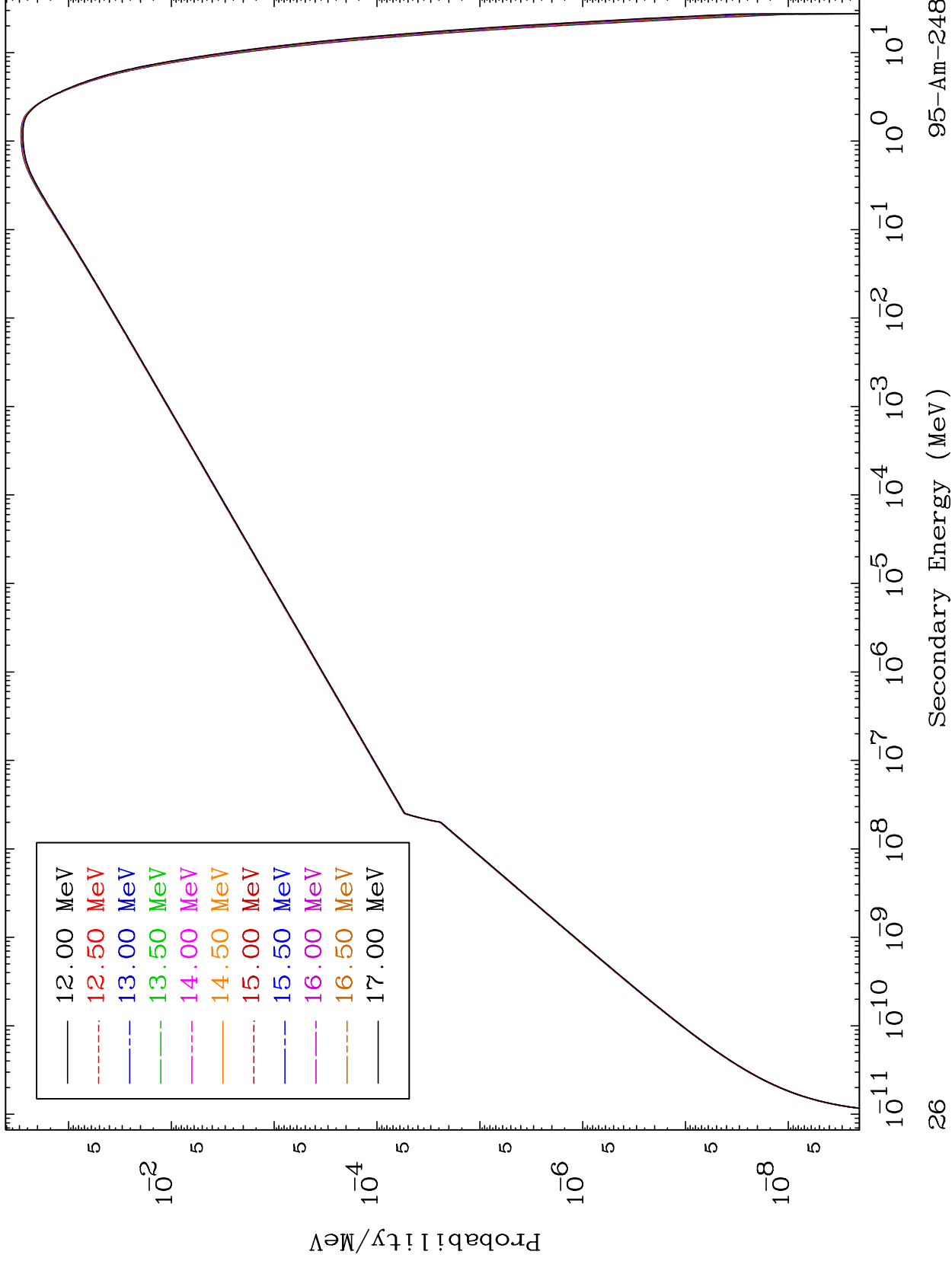
Secondary Energy (MeV)

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### Fission Energy Distributions

95-Am-248



95-Am-248

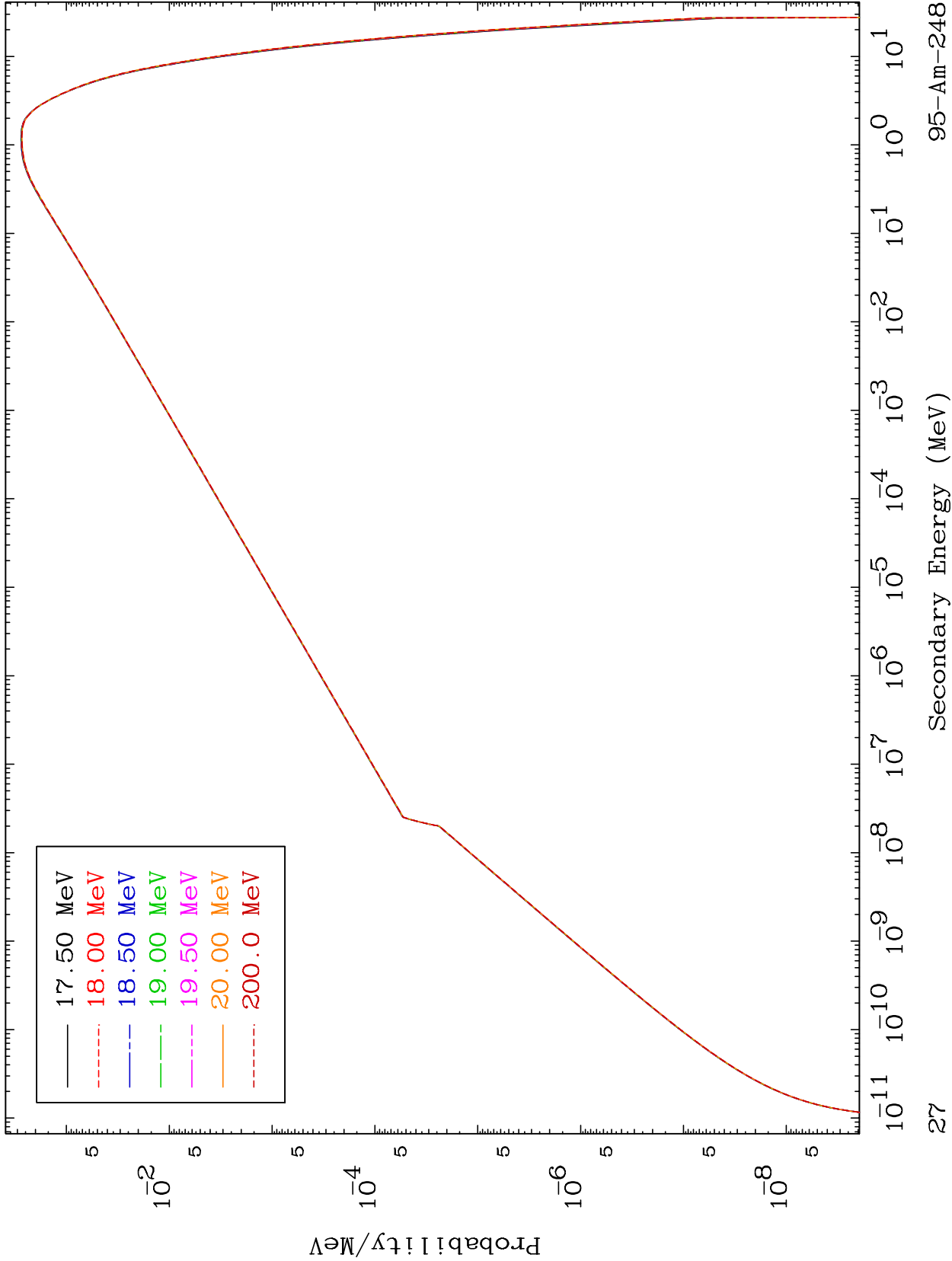
Secondary Energy (MeV)

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### Fission Energy Distributions

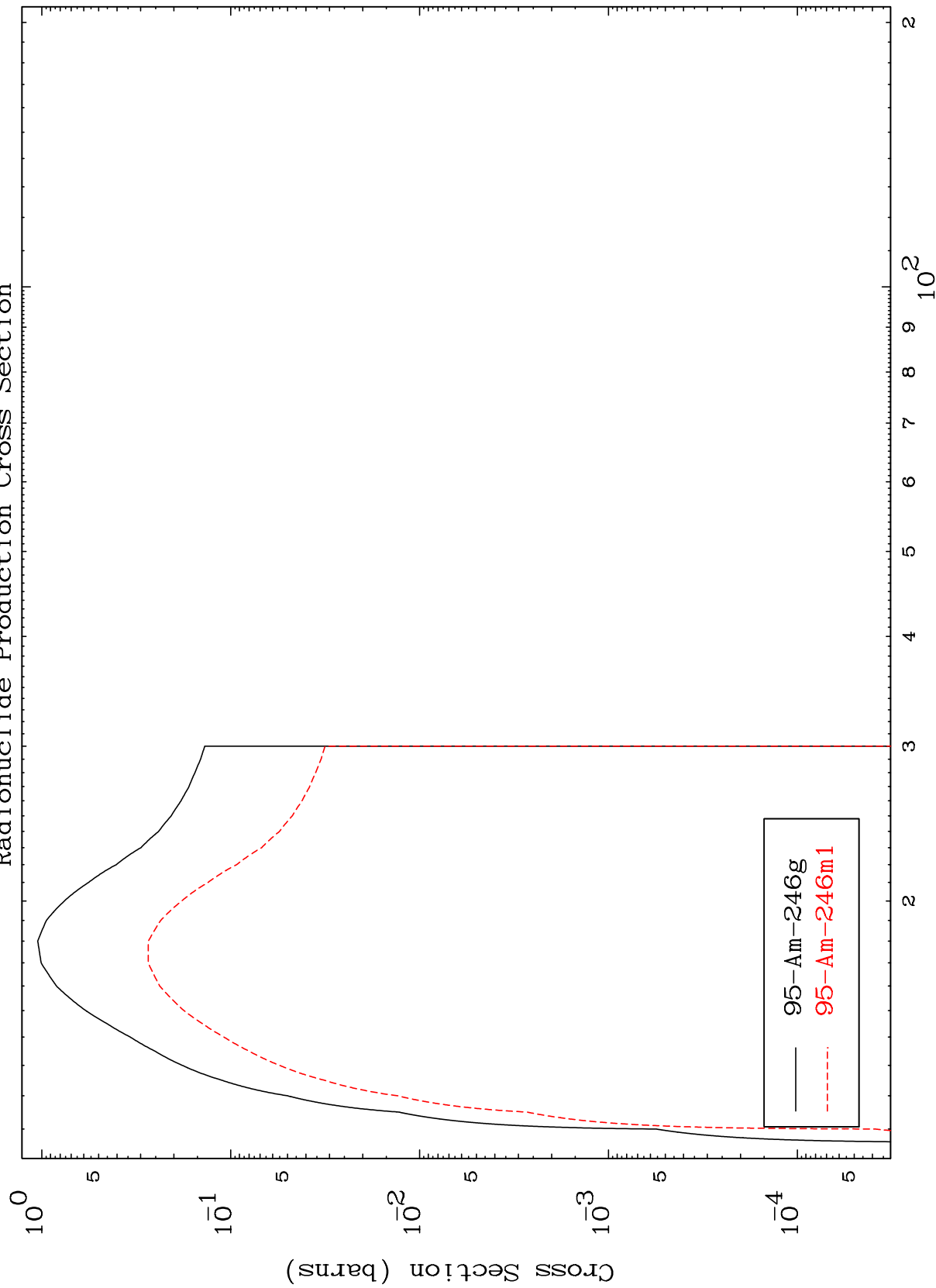
95-Am-248



MAT 9564

95-Am-248

(n,3n)  
Radionuclide Production Cross Section



95-Am-248

Incident Energy (MeV)

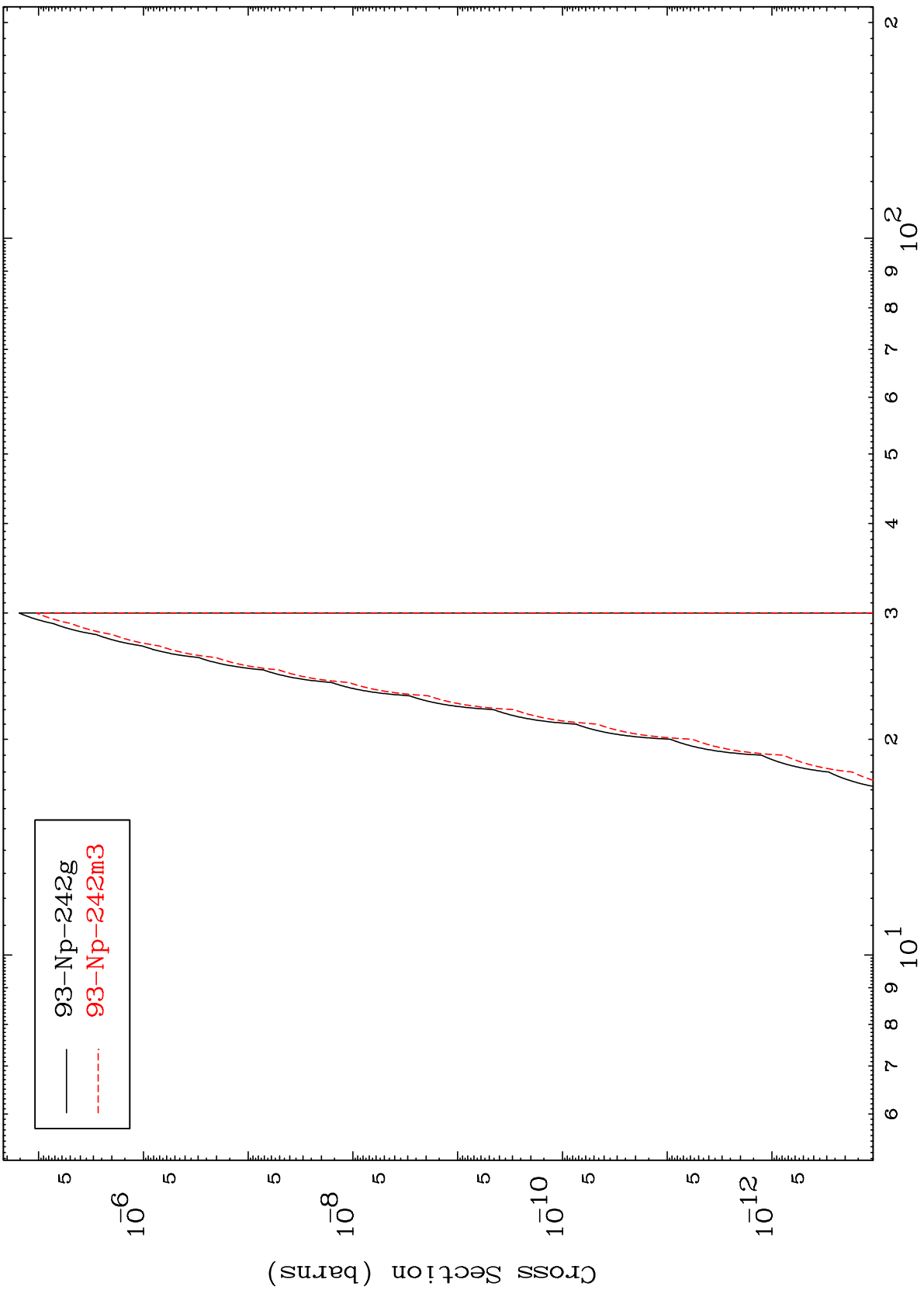
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$(n,3n) \alpha$

95-Am-248

Radionuclide Production Cross Section



93-Np-242g  
93-Np-242m3

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Incident Energy (MeV)

95-Am-248