

Program EVALPLOT
(Version 2018-1)

by

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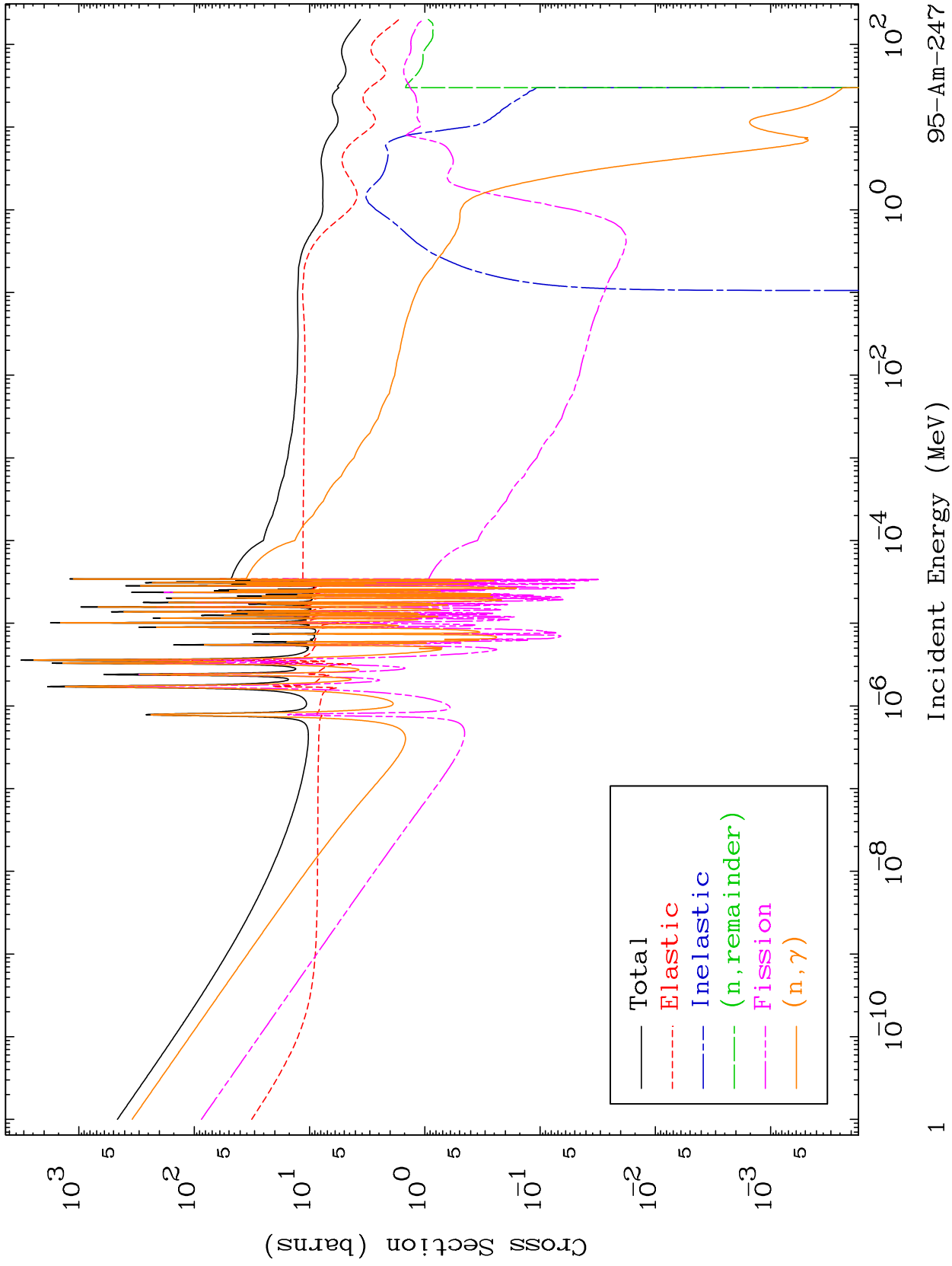
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9561

Major
293 Kelvin Cross Sections

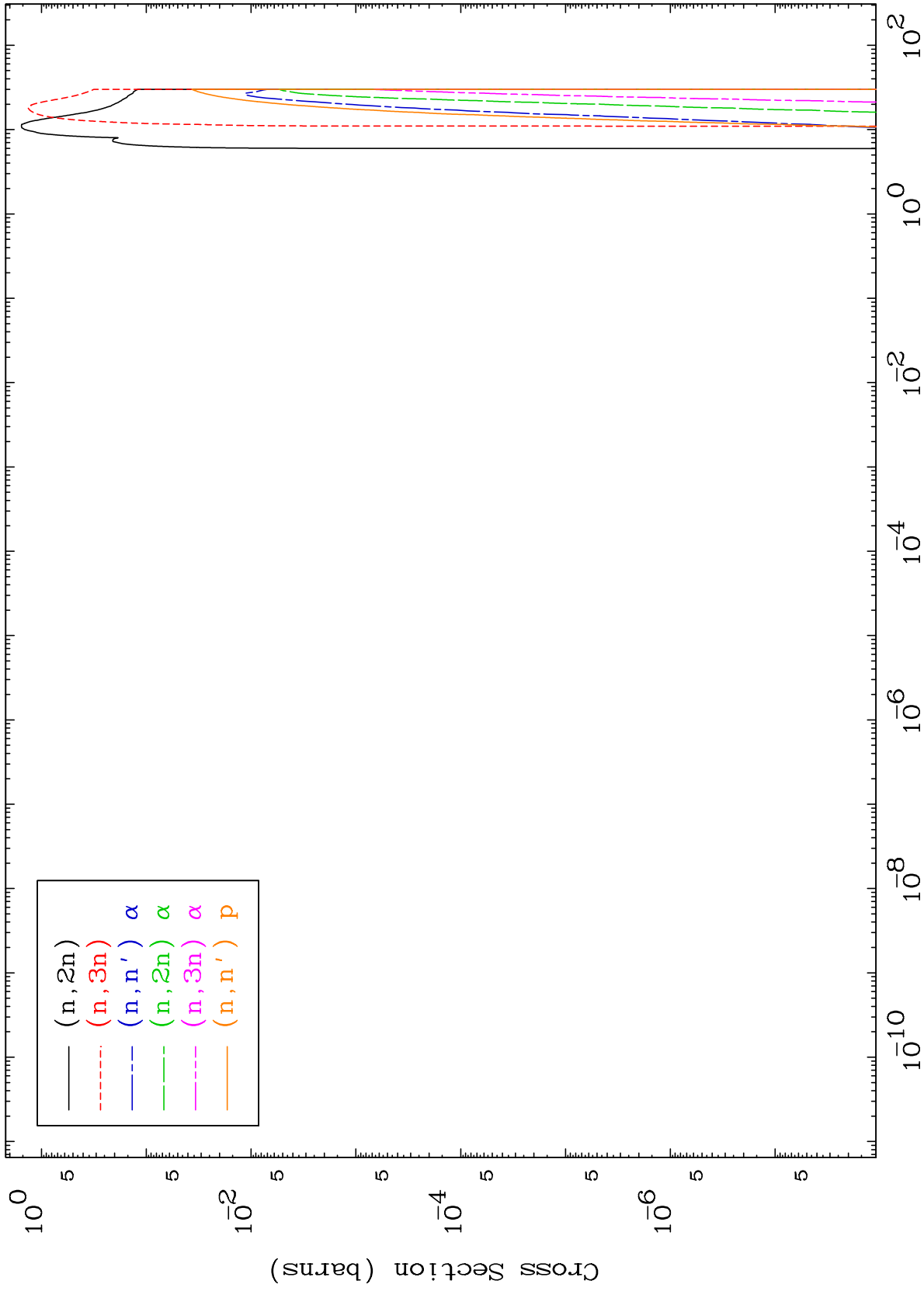
95-Am-247



MAT 9561

Neutron Production
293 Kelvin Cross Sections

95-Am-247

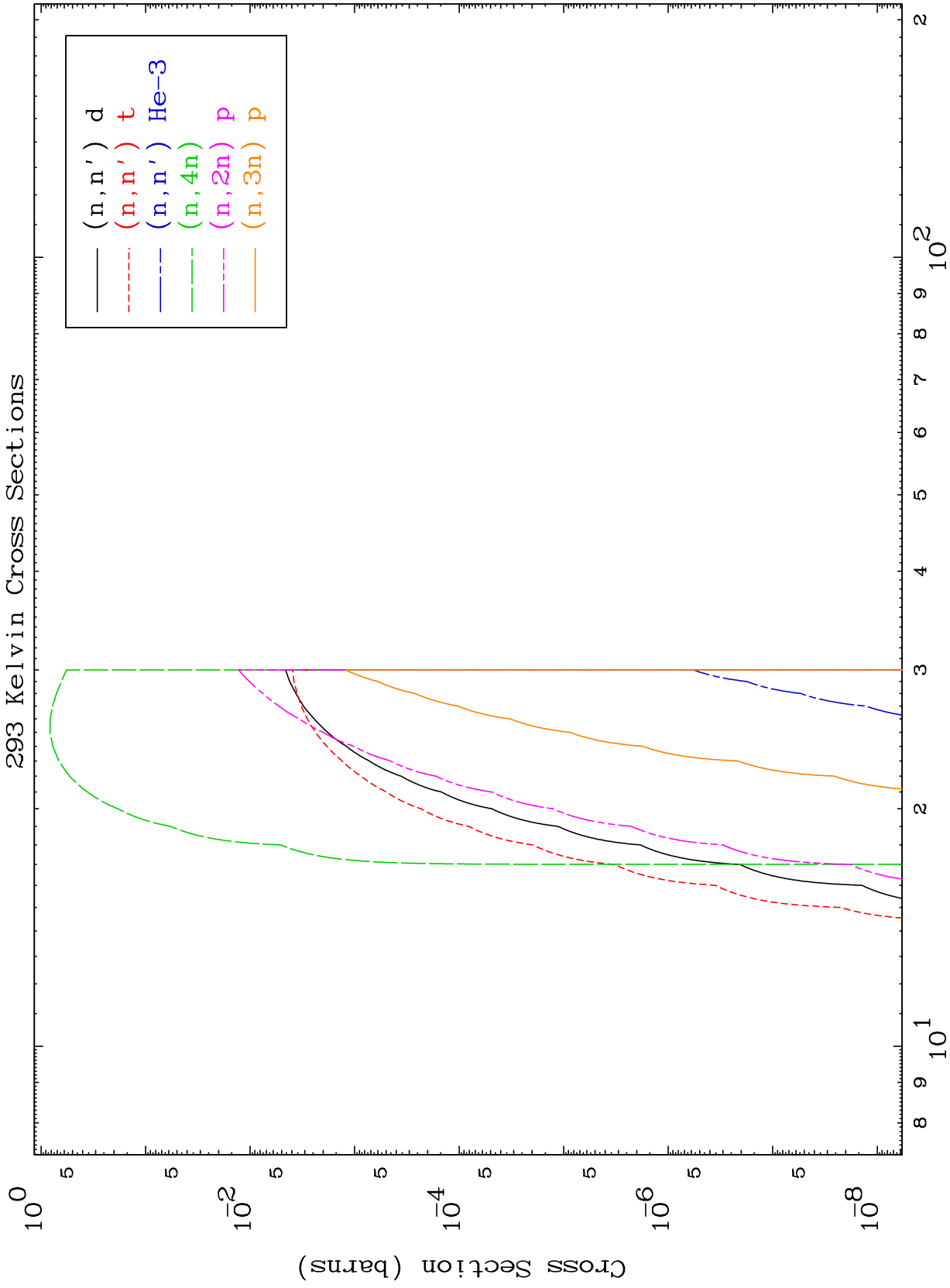


95-Am-247

MAT 9561

Neutron Production
293 Kelvin Cross Sections

95-Am-247



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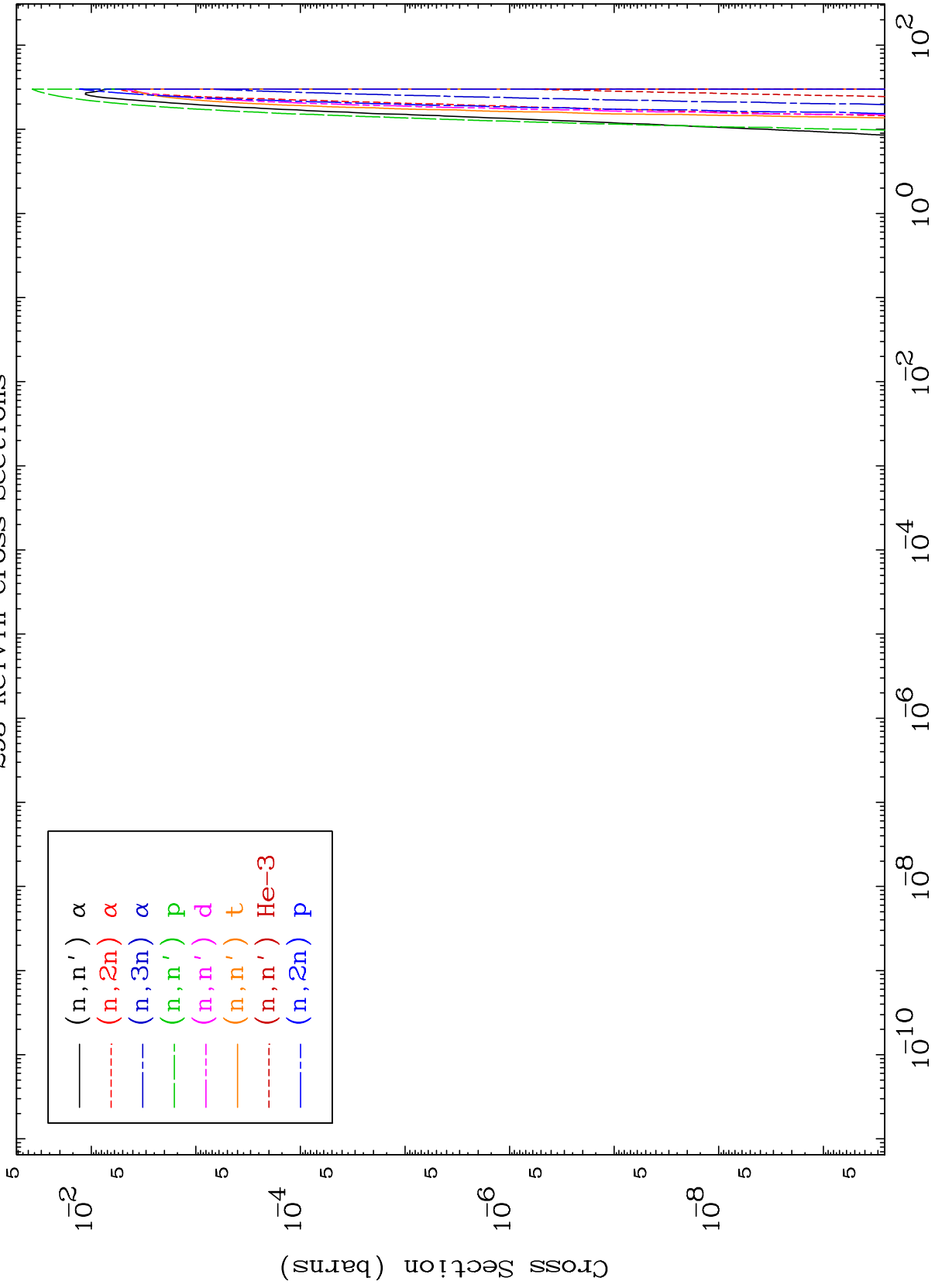
Incident Energy (MeV)

95-Am-247

MAT 9561

293 Charged Particle
Kelvin Cross Sections

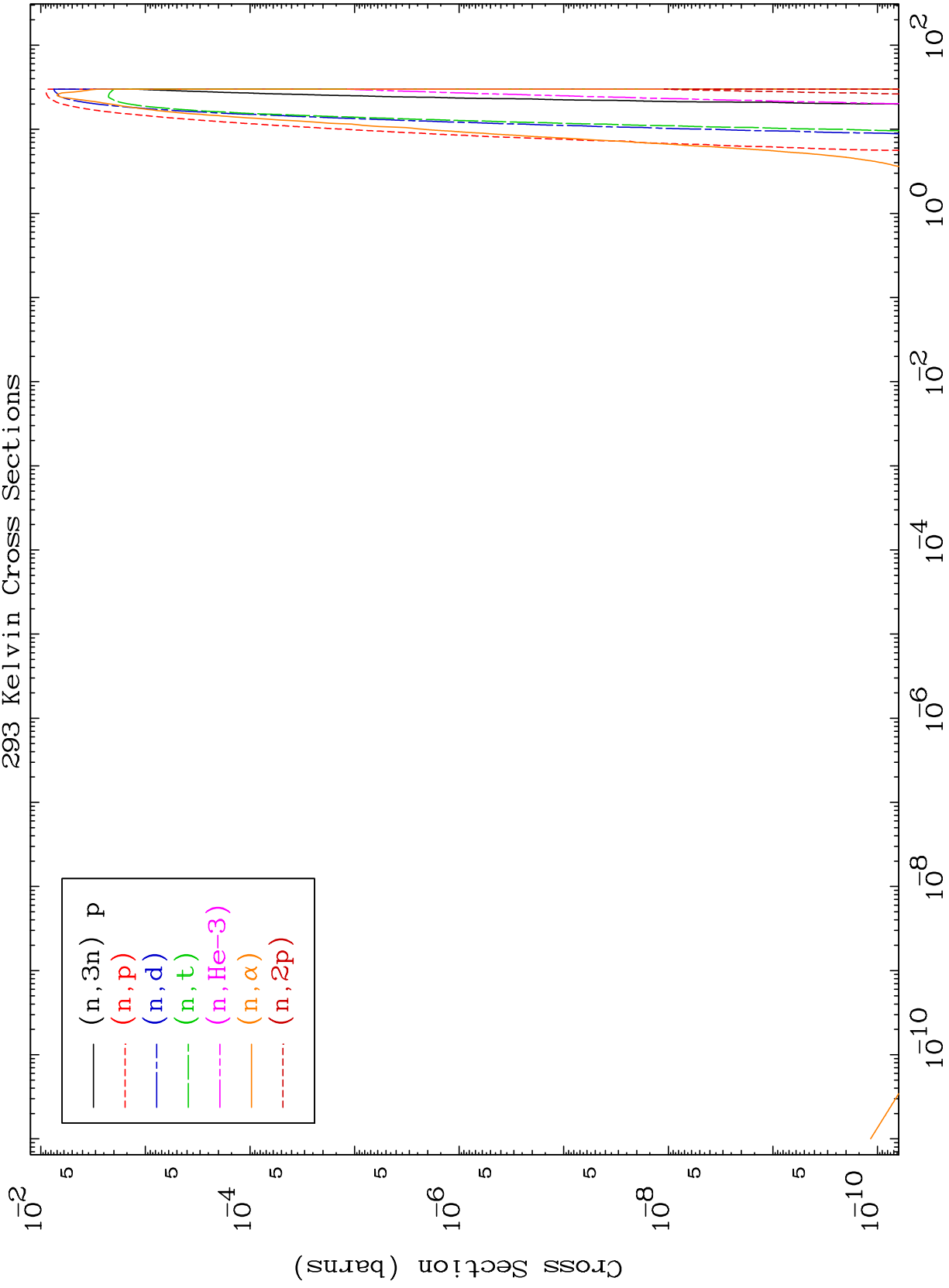
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Charged Particle
293 Kelvin Cross Sections

95-Am-247



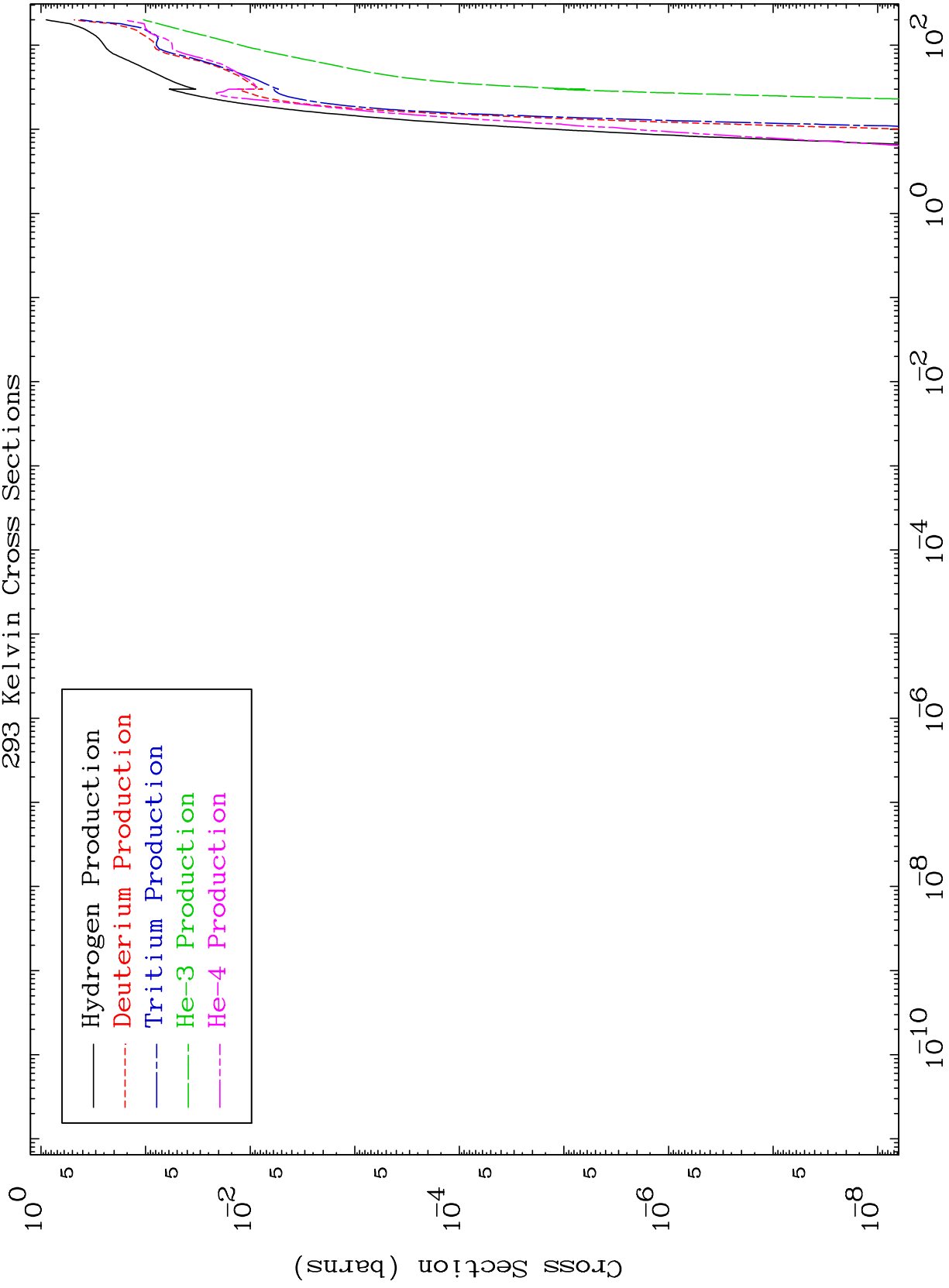
5

95-Am-247

MAT 9561

Particle Production
293 Kelvin Cross Sections

95-Am-247



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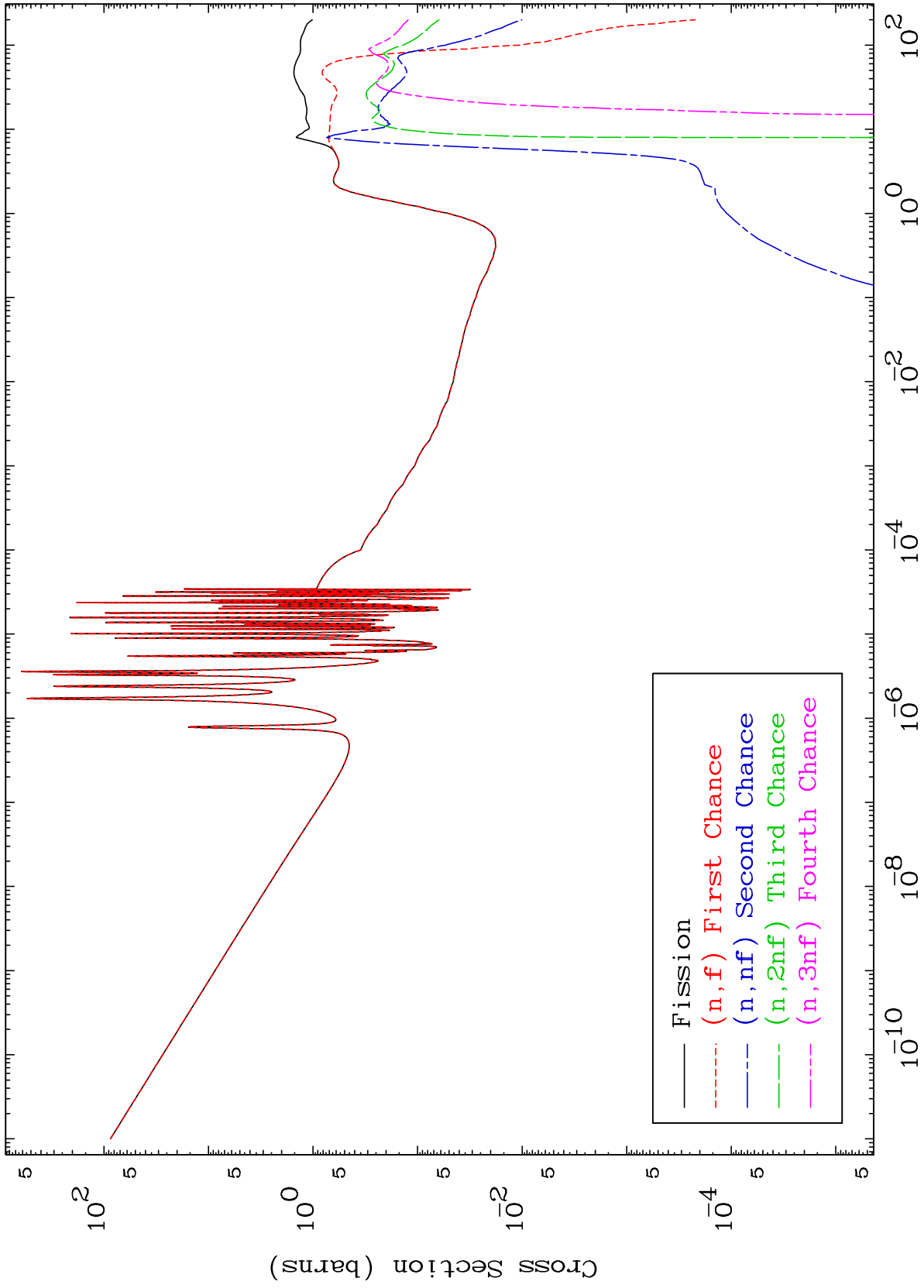
Incident Energy (MeV)

95-Am-247

MAT 9561

Fission
293 Kelvin Cross Sections

95-Am-247

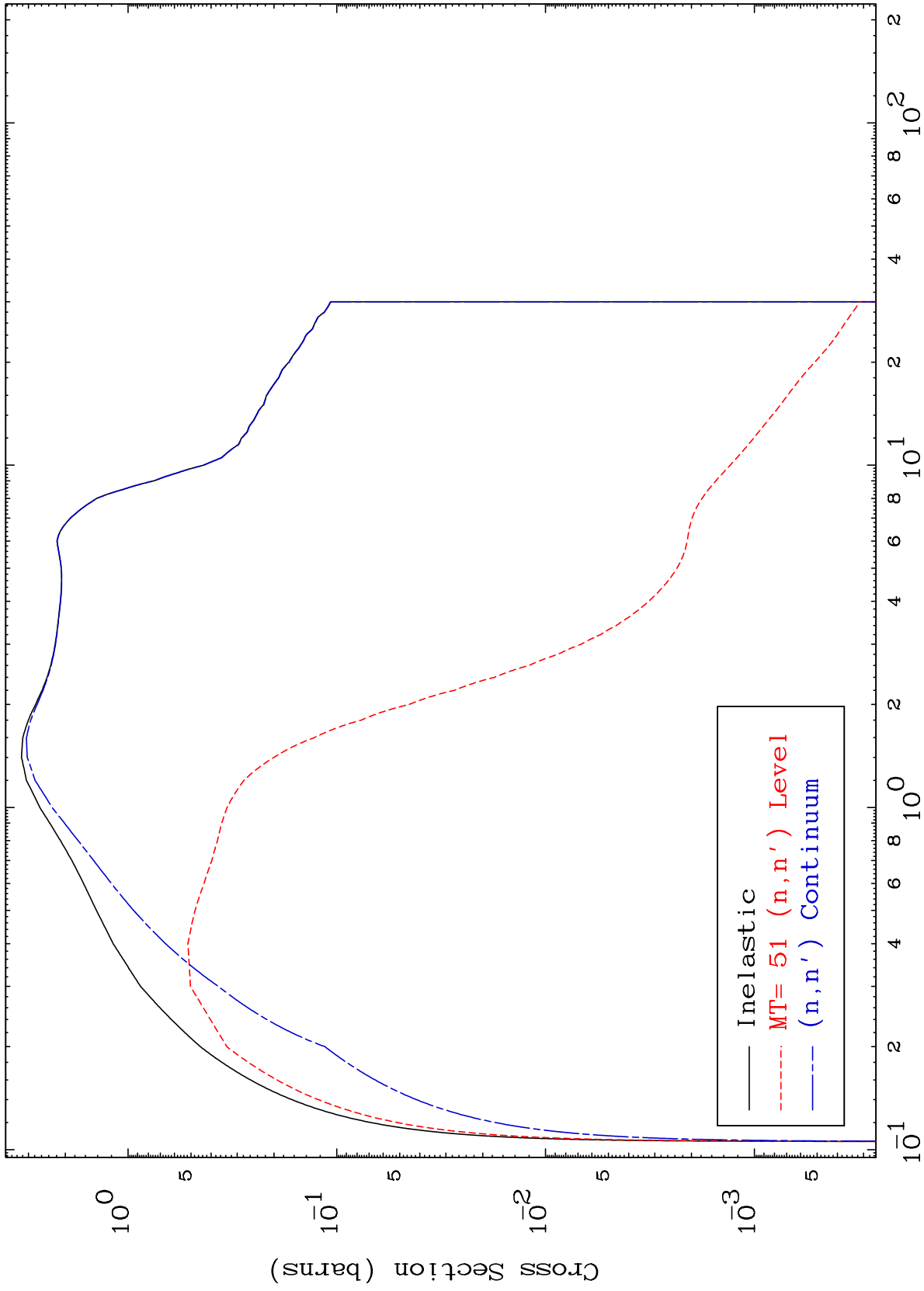


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(n,n') Level
293 Kelvin Cross Sections



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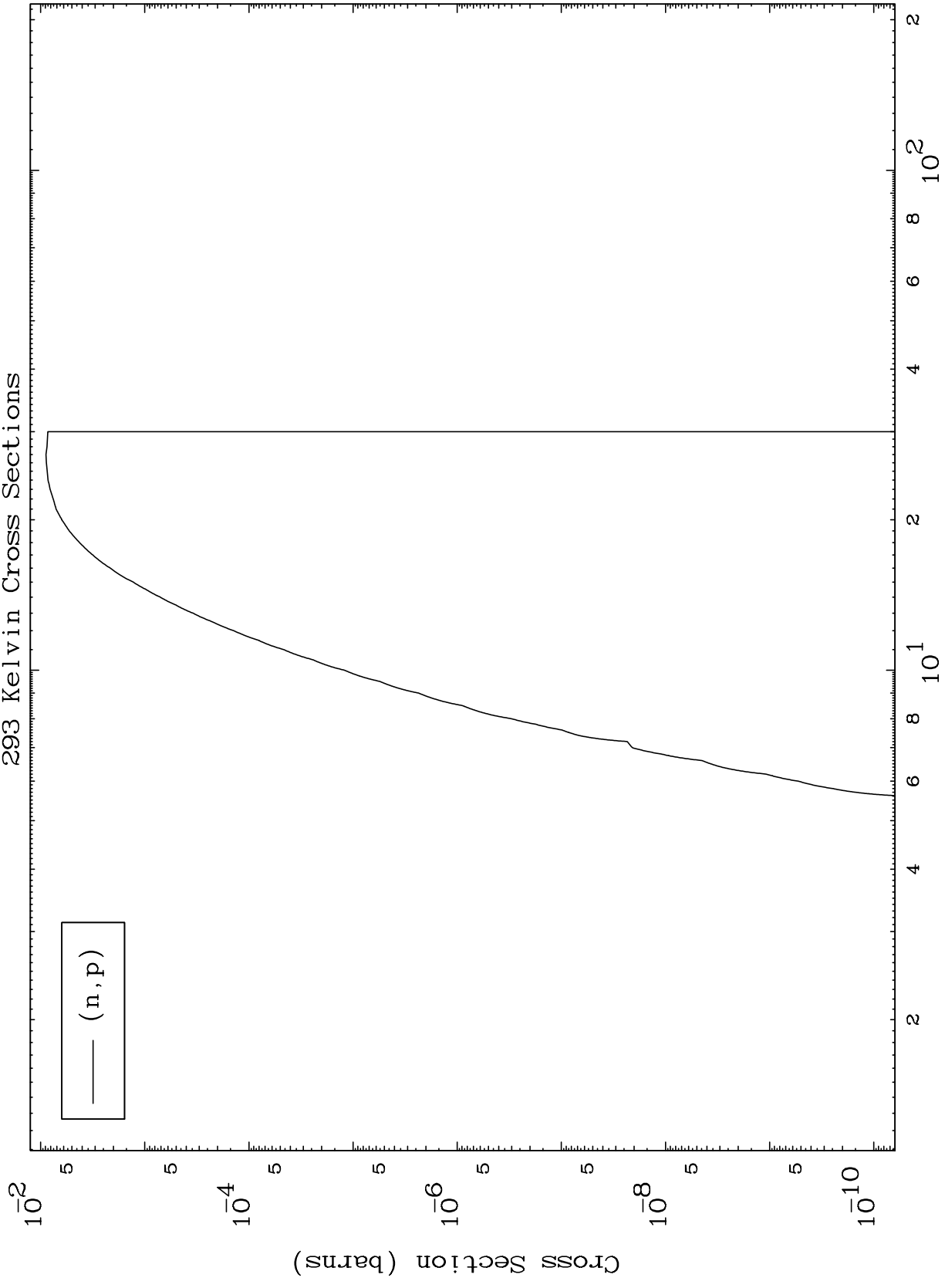
Incident Energy (MeV)

8

MAT 9561

(n,p) Levels
293 Kelvin Cross Sections

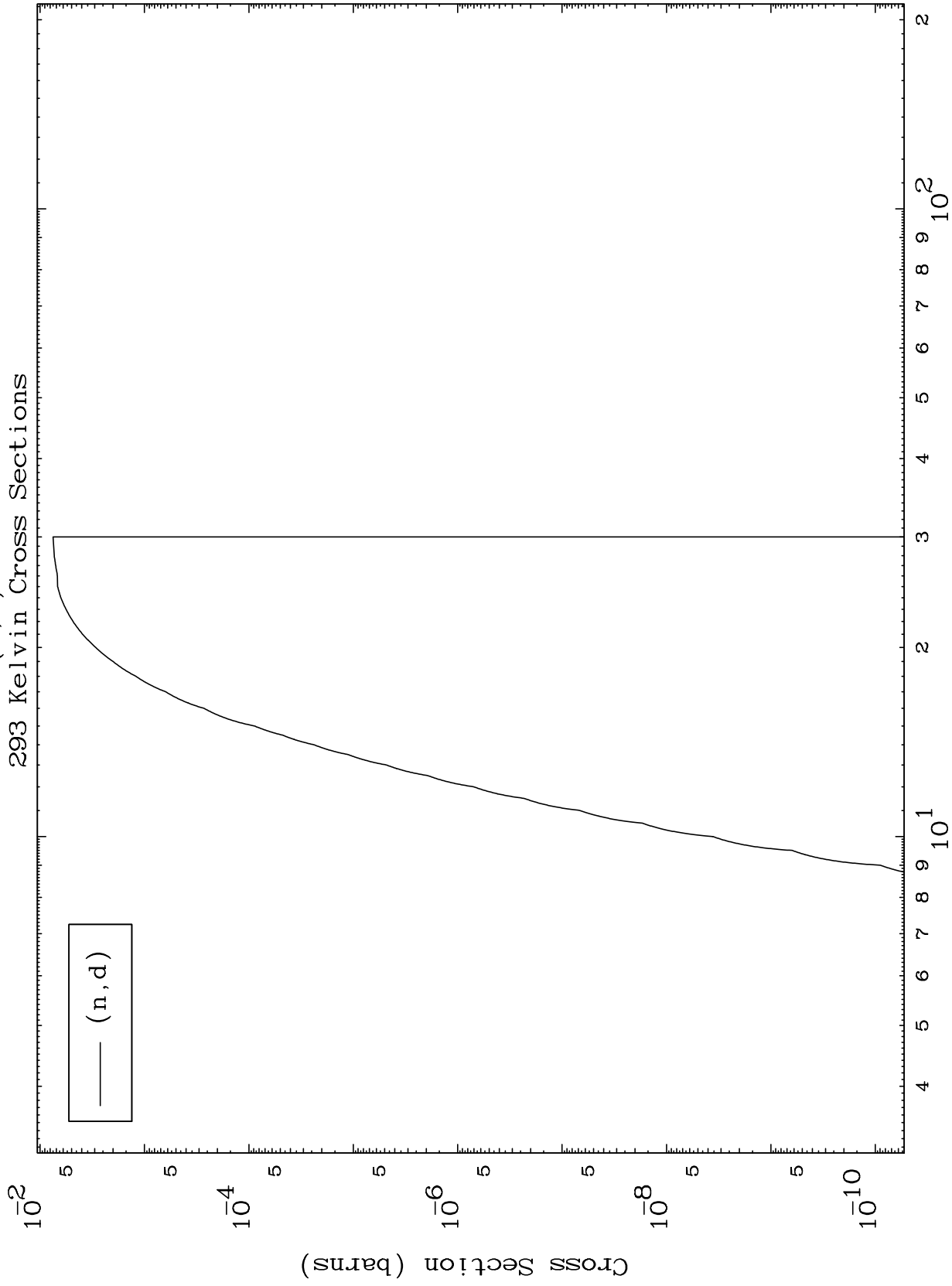
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95-Am-247

(n,d) Levels
293 Kelvin Cross Sections



10

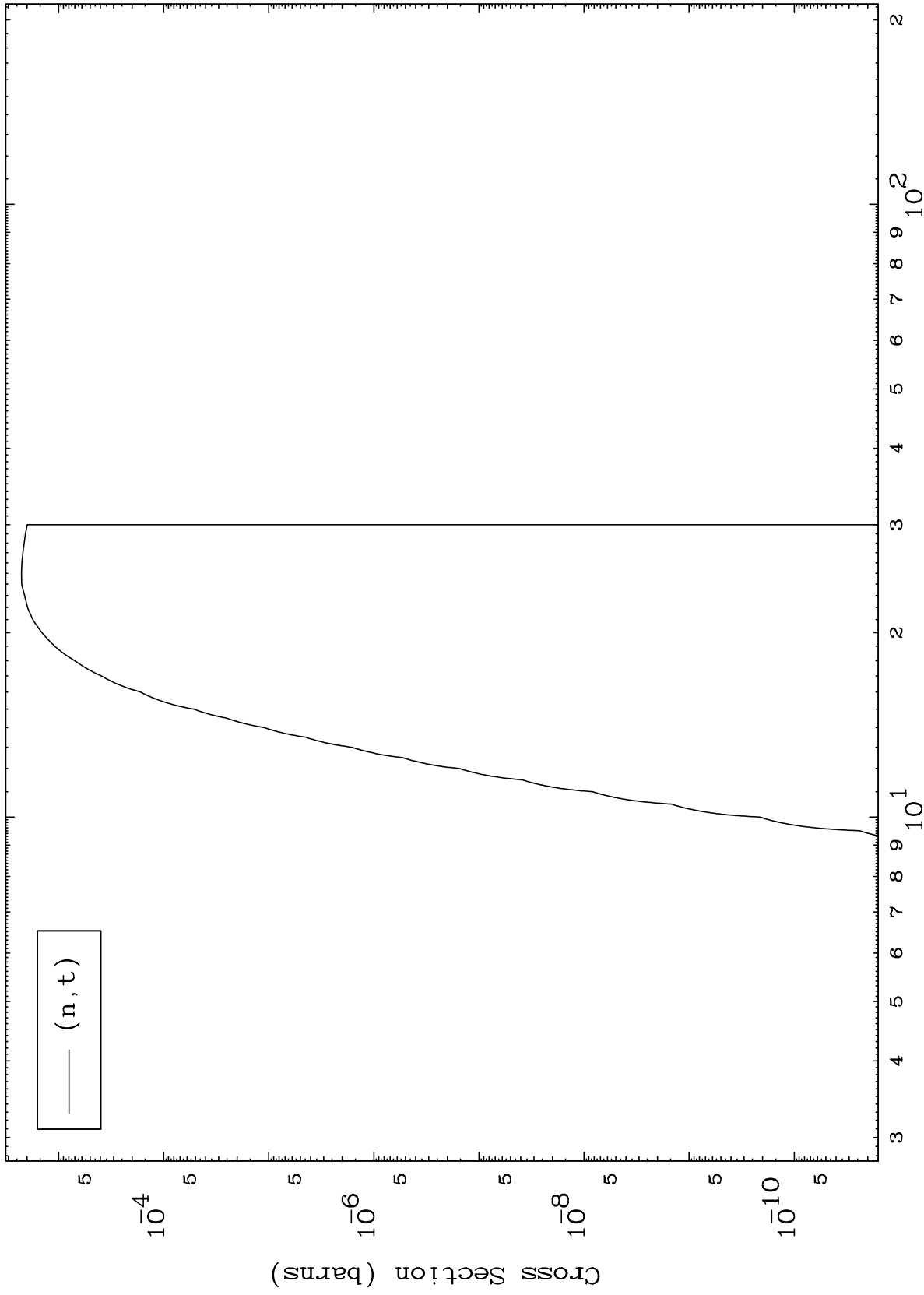
Incident Energy (MeV)

95-Am-247

MAT 9561

(n,t) Levels
293 Kelvin Cross Sections

95-Am-247



11

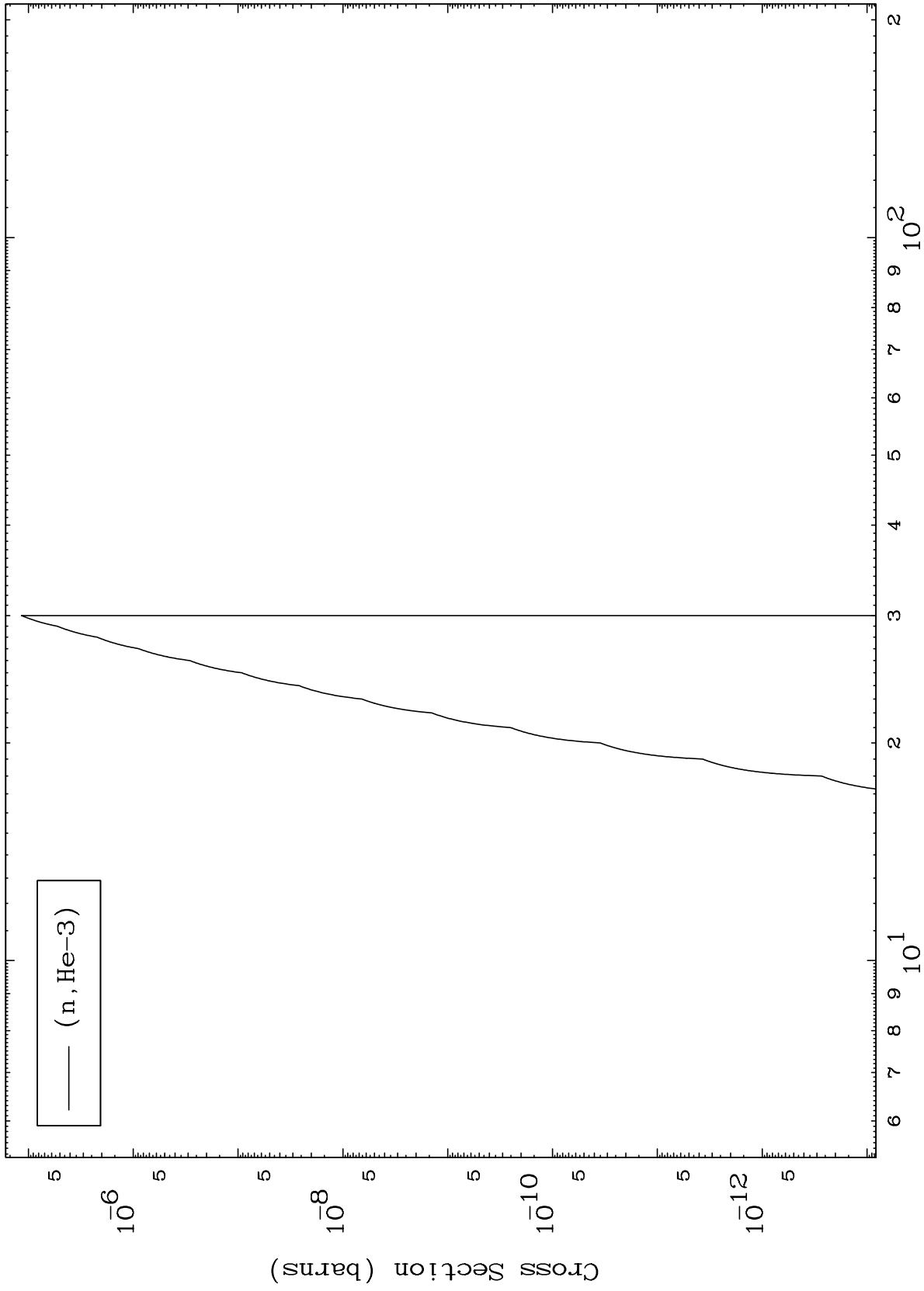
Incident Energy (MeV)

95-Am-247

MAT 9561

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-247



12

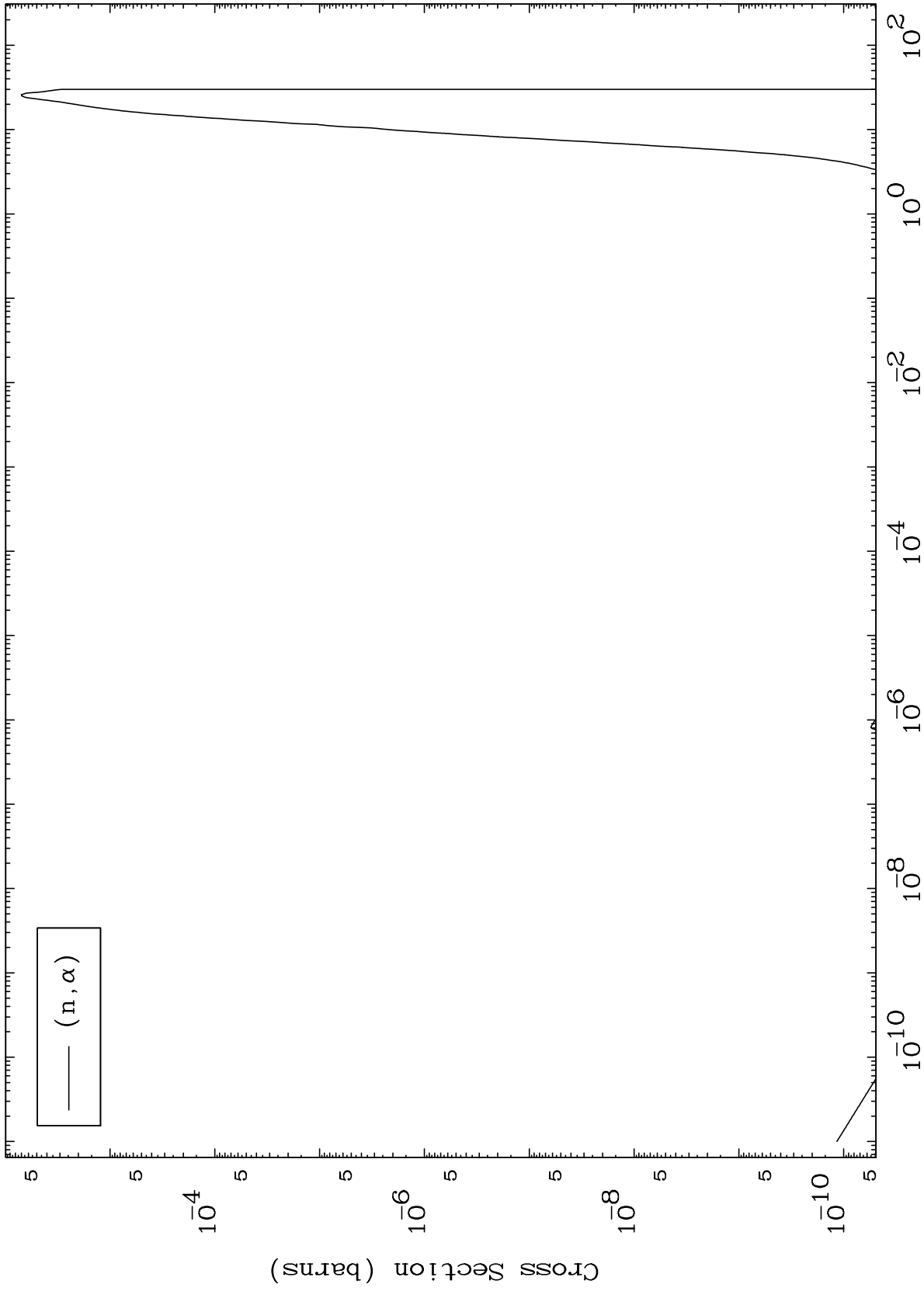
Incident Energy (MeV)

95-Am-247

MAT 9561

(n,α) Levels
293 Kelvin Cross Sections

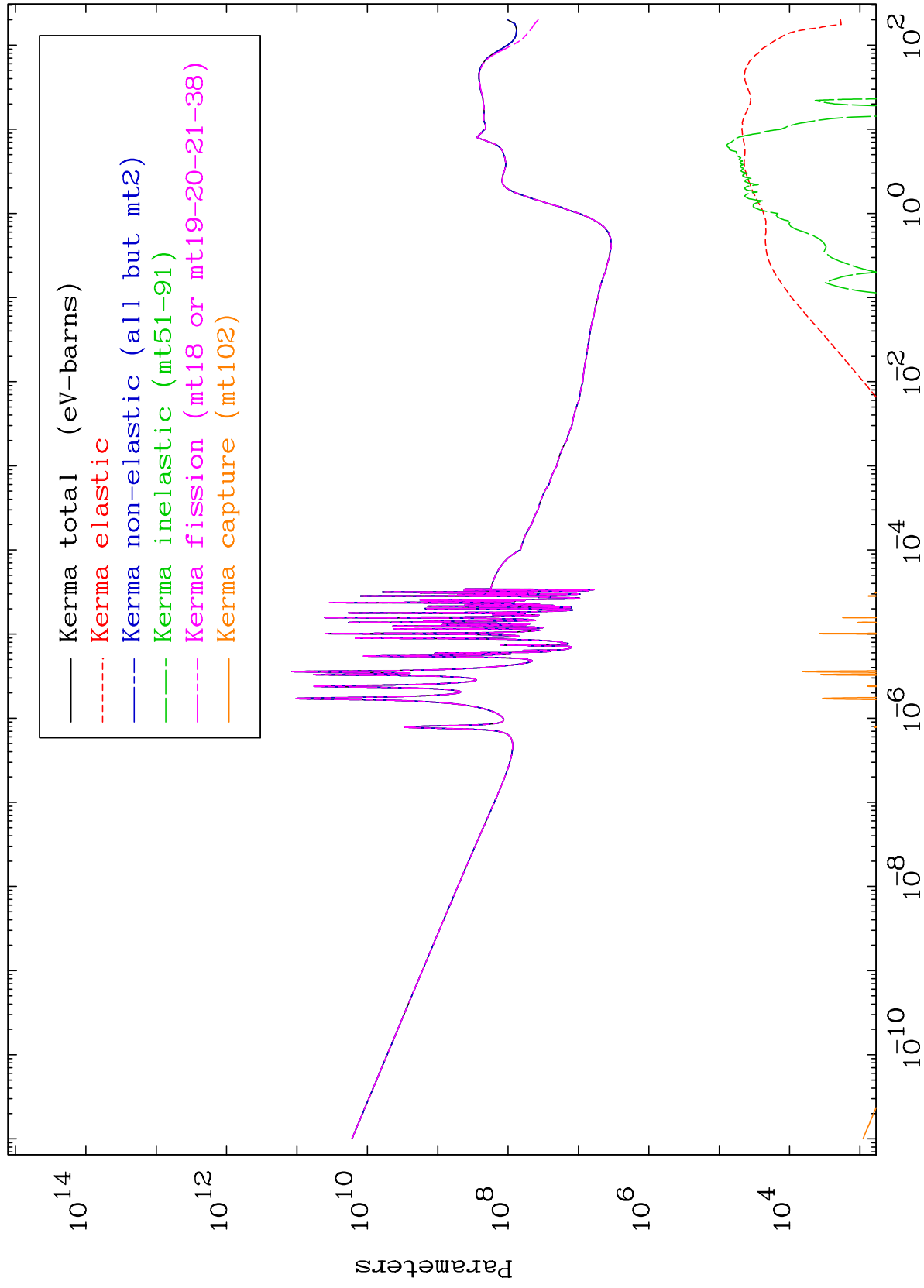
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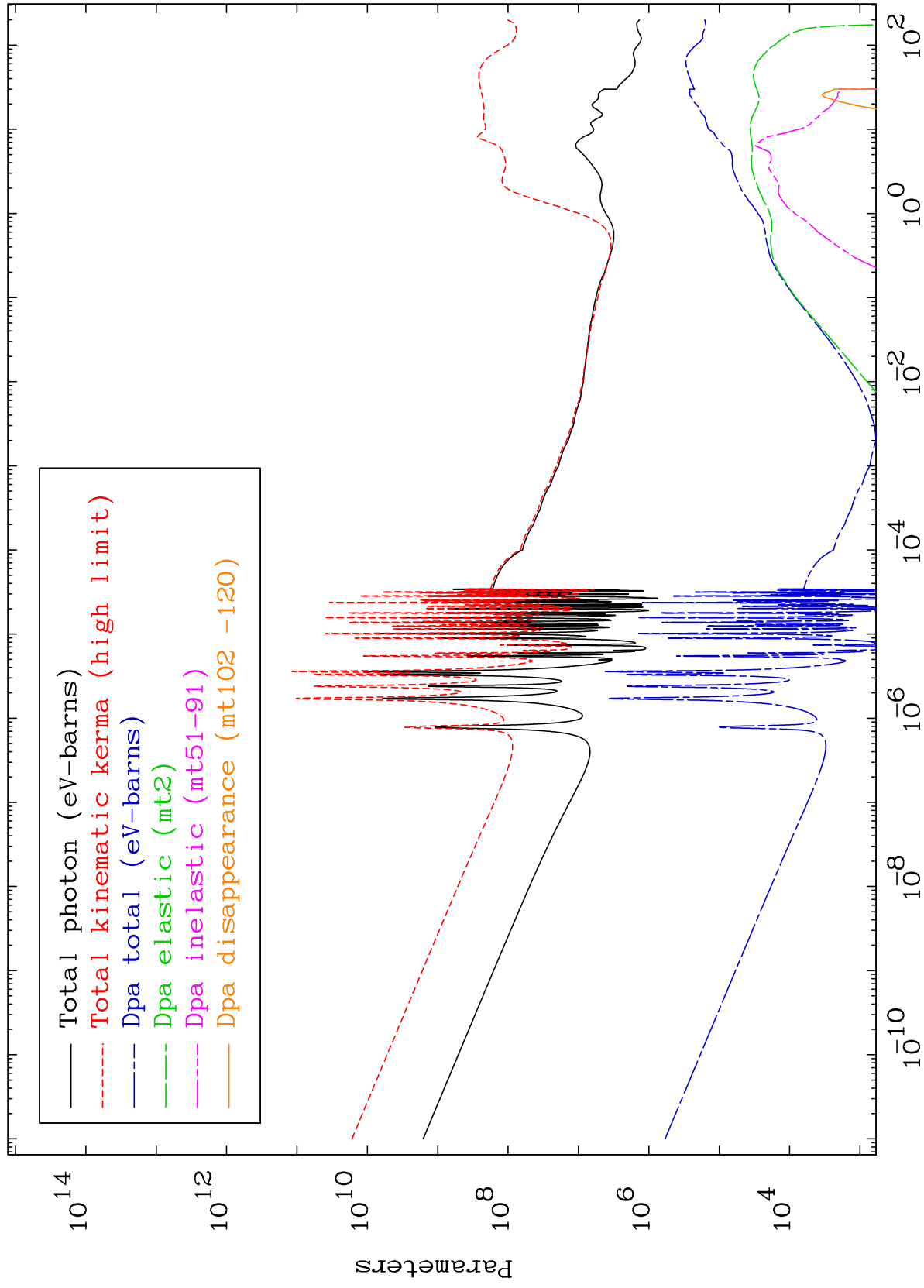


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Incident Energy (MeV)

95-Am-247

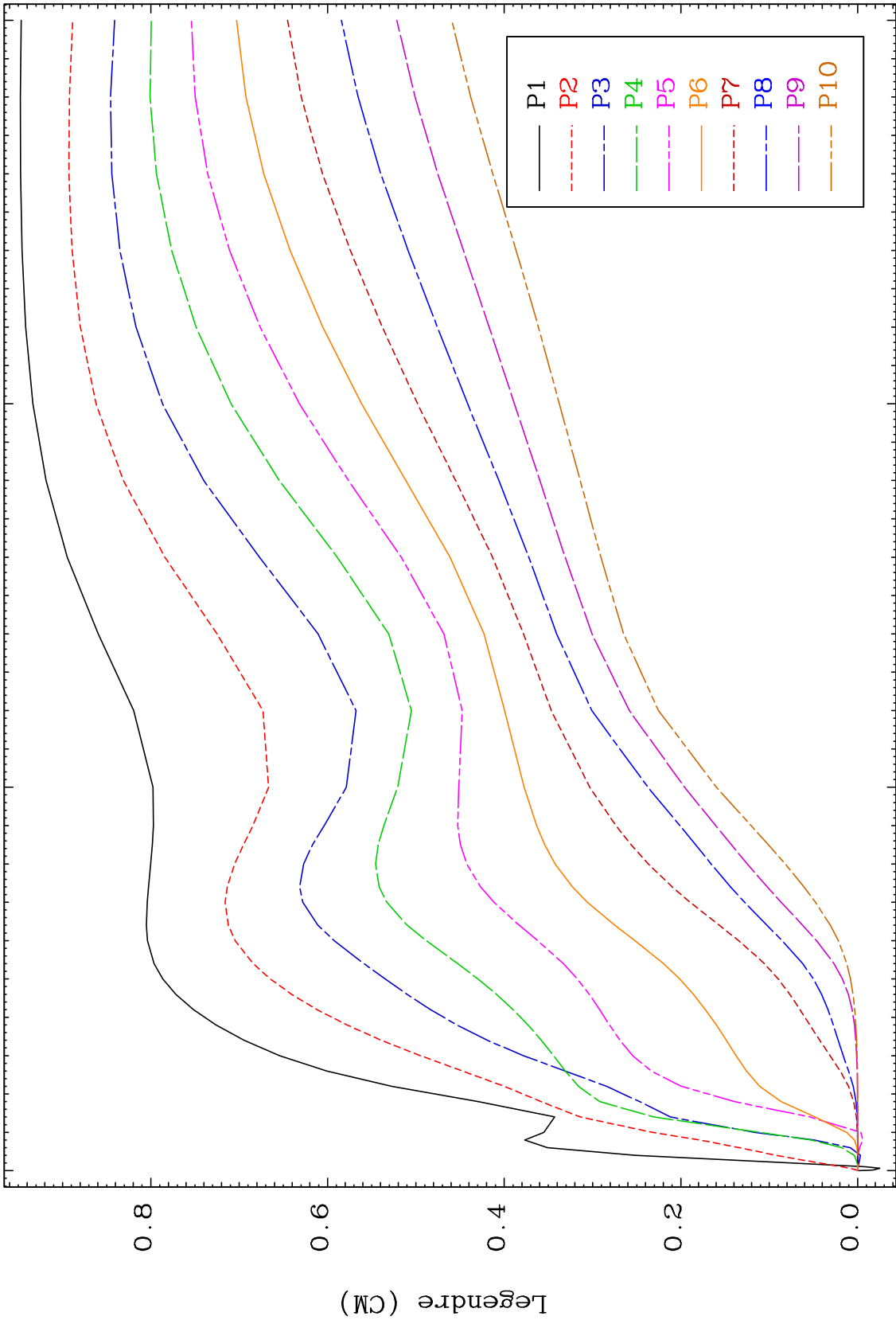




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Elastic Legendre Coefficients

95-Am-247



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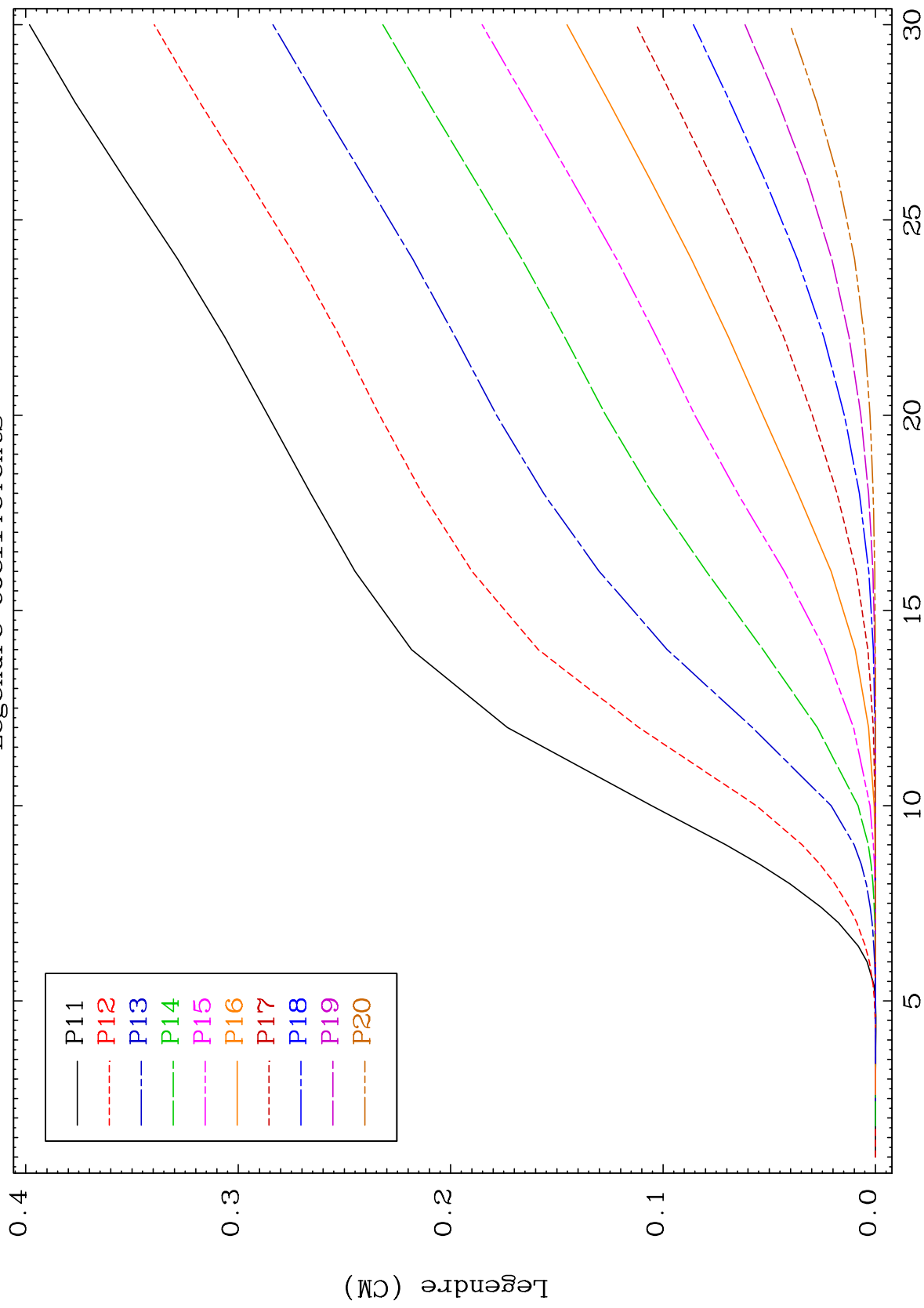
Incident Energy (MeV)

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Elastic Legendre Coefficients

95-Am-247



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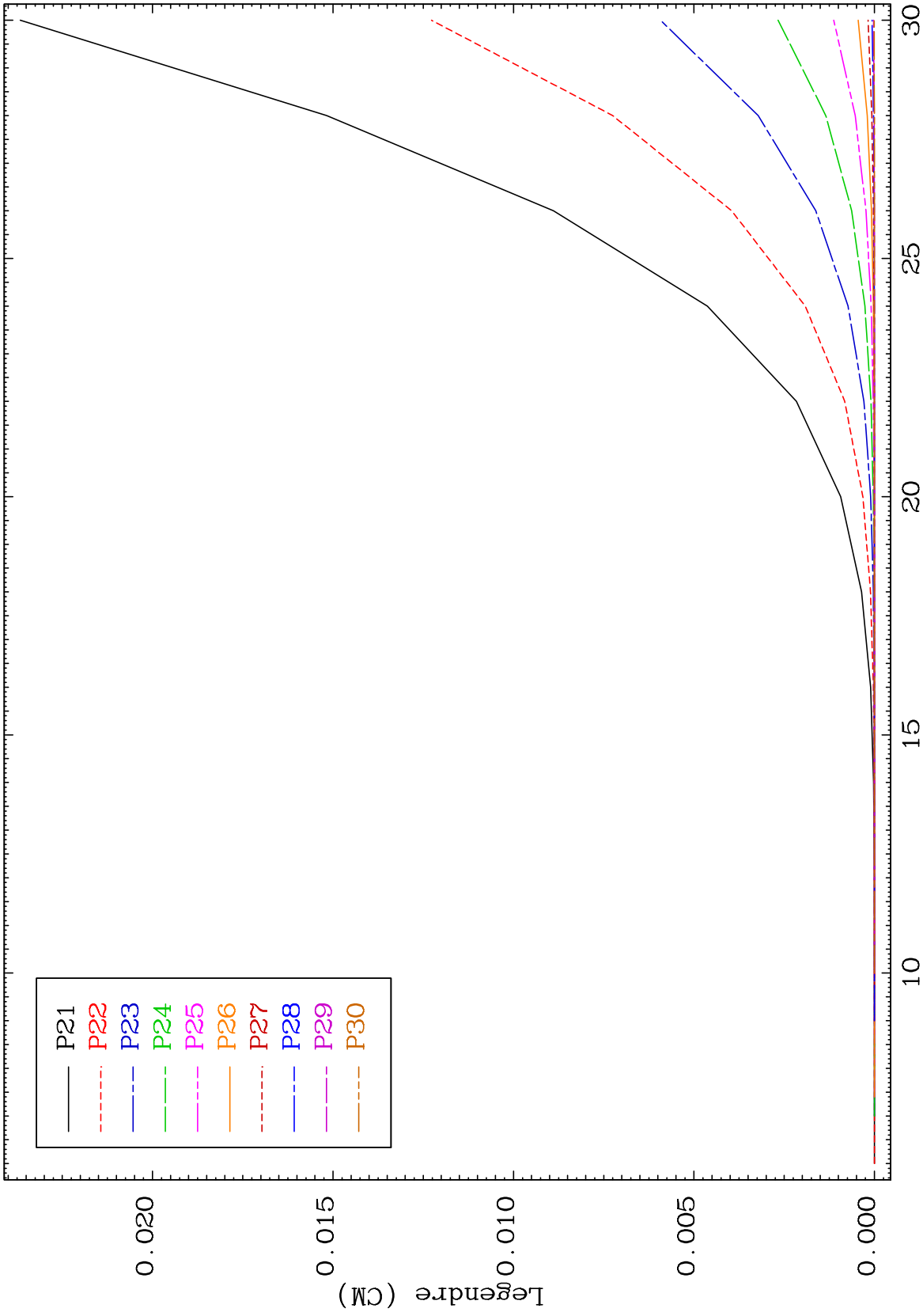
Incident Energy (MeV)

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MAT 9561

Elastic Legendre Coefficients

95-Am-247



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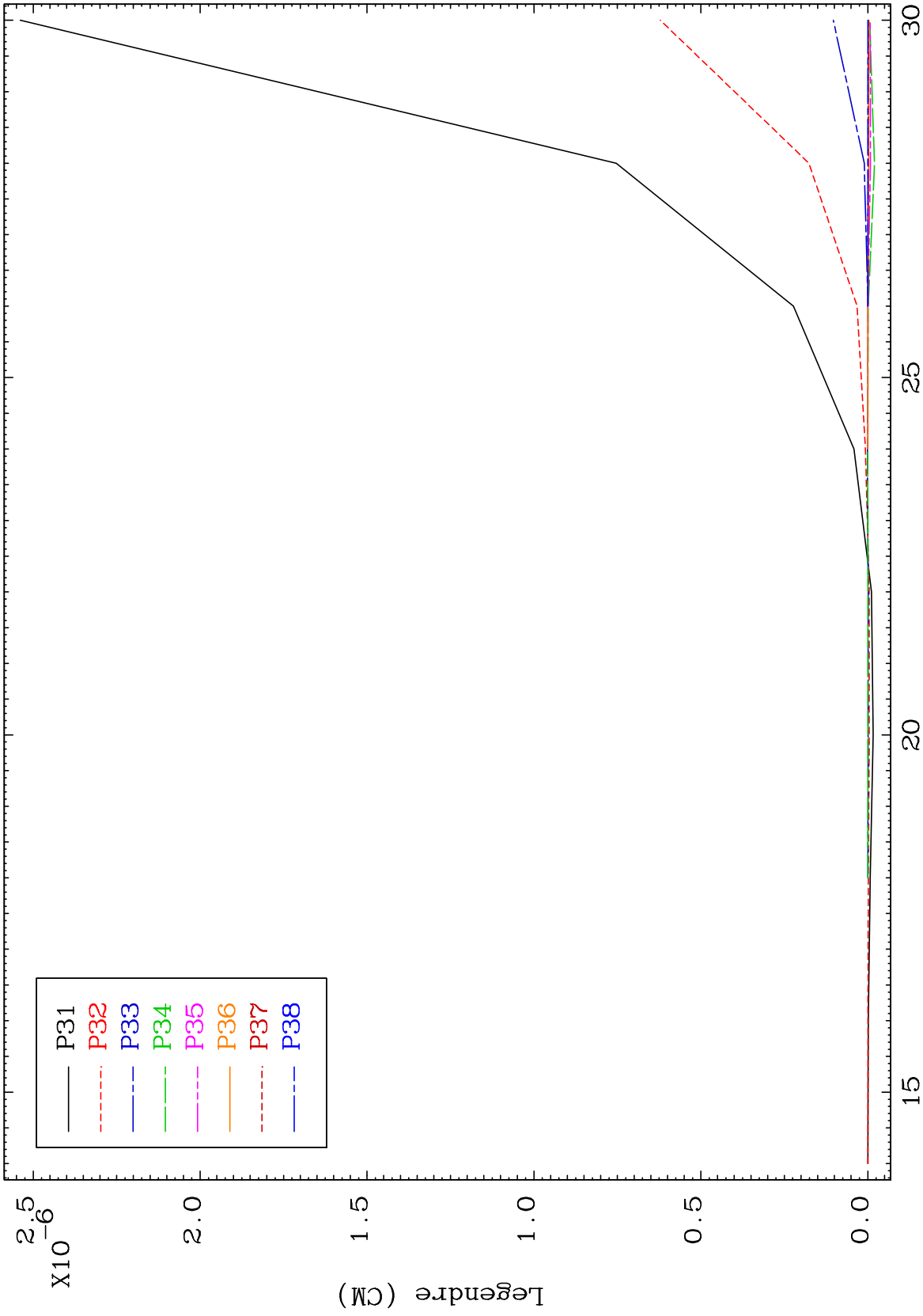
Incident Energy (MeV)

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MAT 9561

Elastic Legendre Coefficients

95-Am-247



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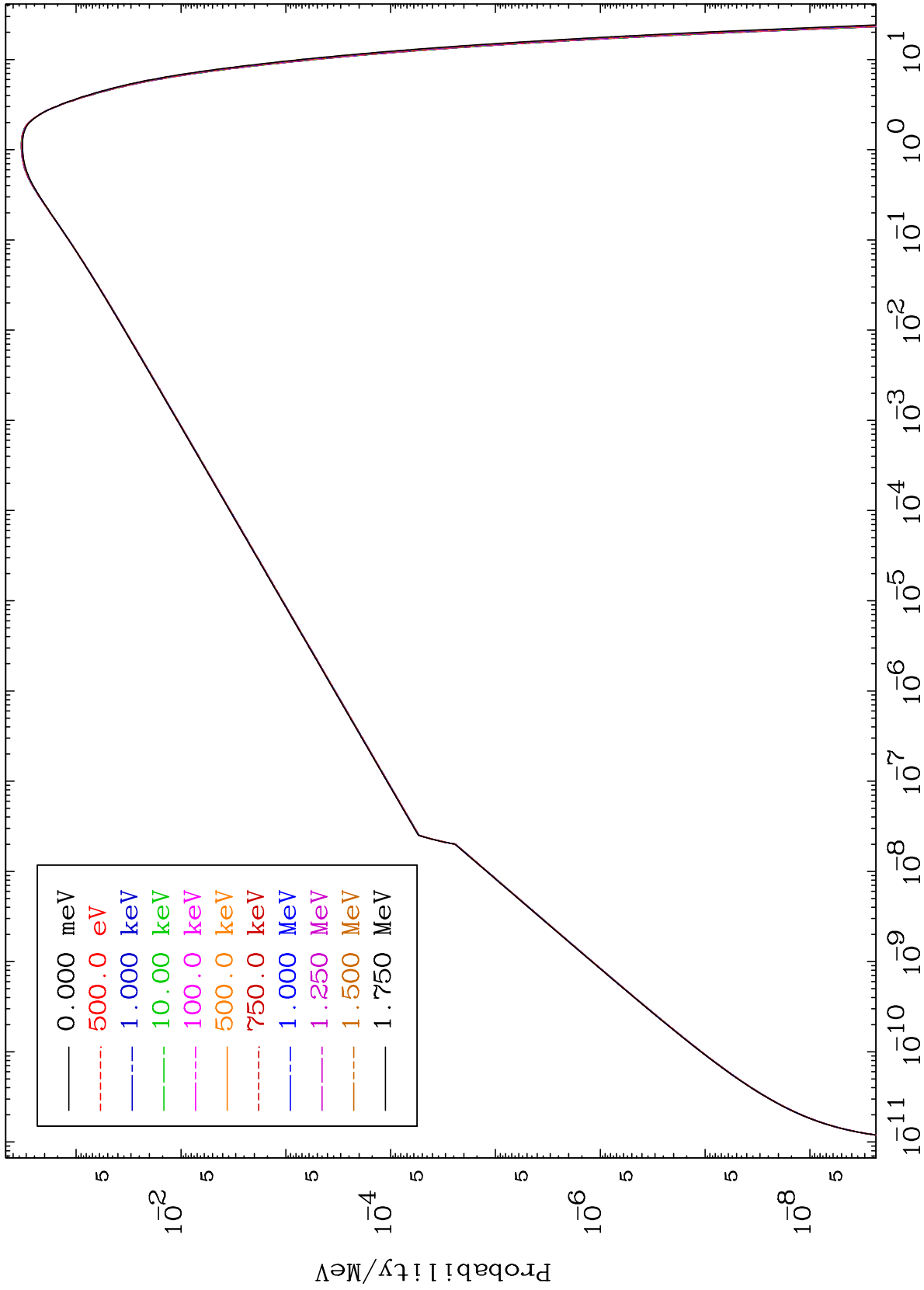
Incident Energy (MeV)

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Fission Energy Distribution

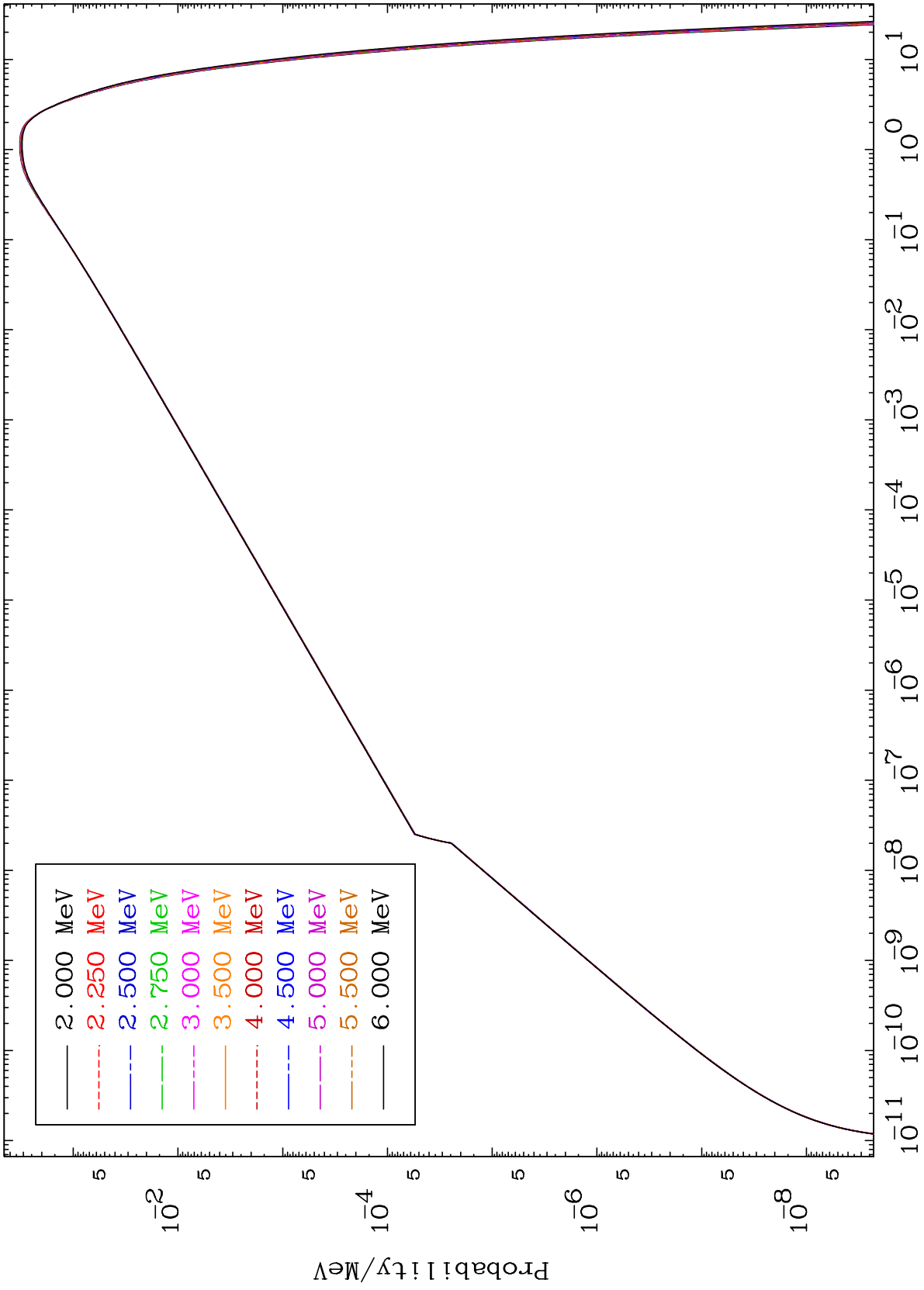
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Fission Energy Distribution

95-Am-247

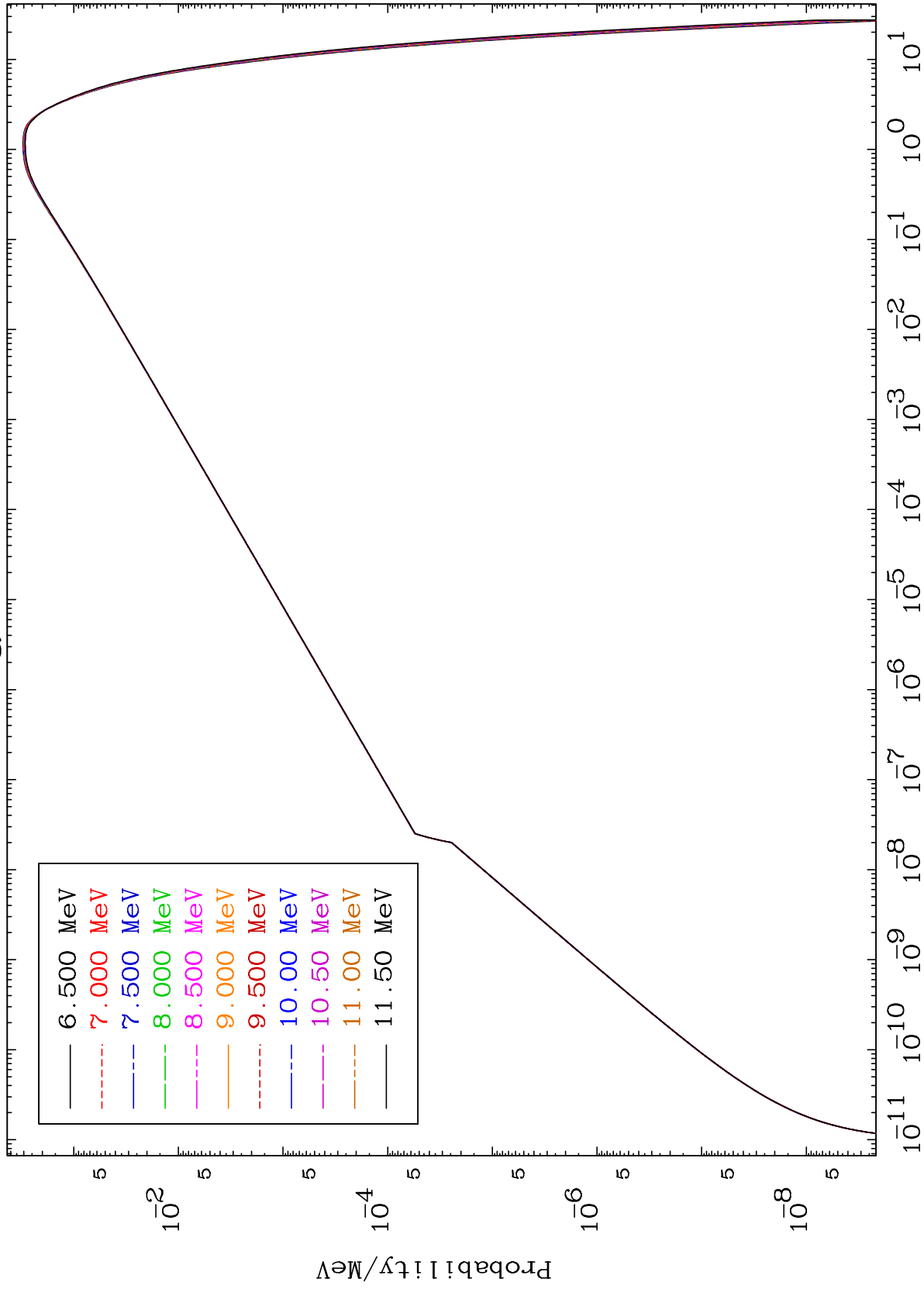


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Fission Energy Distribution

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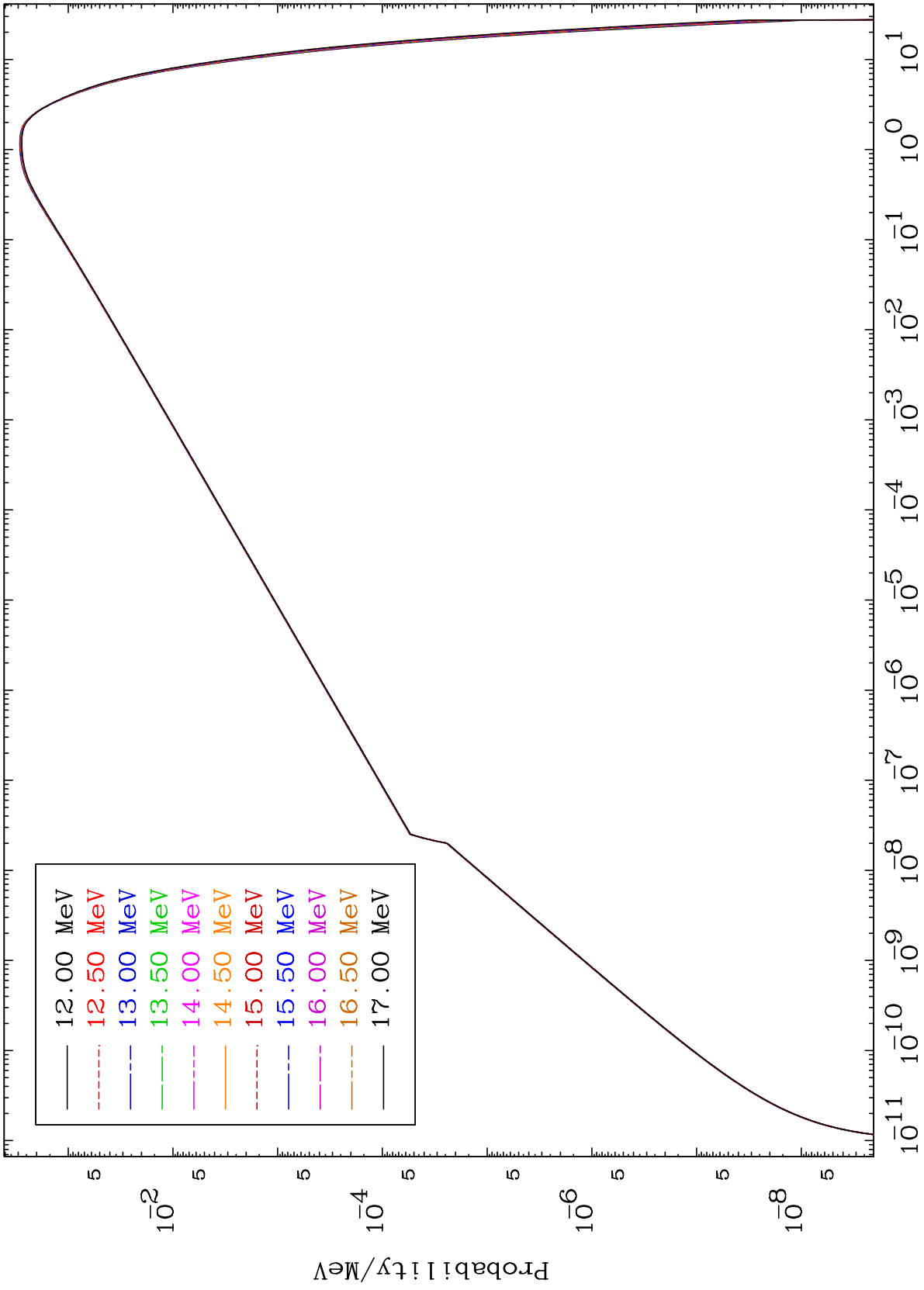
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Fission Energy Distribution

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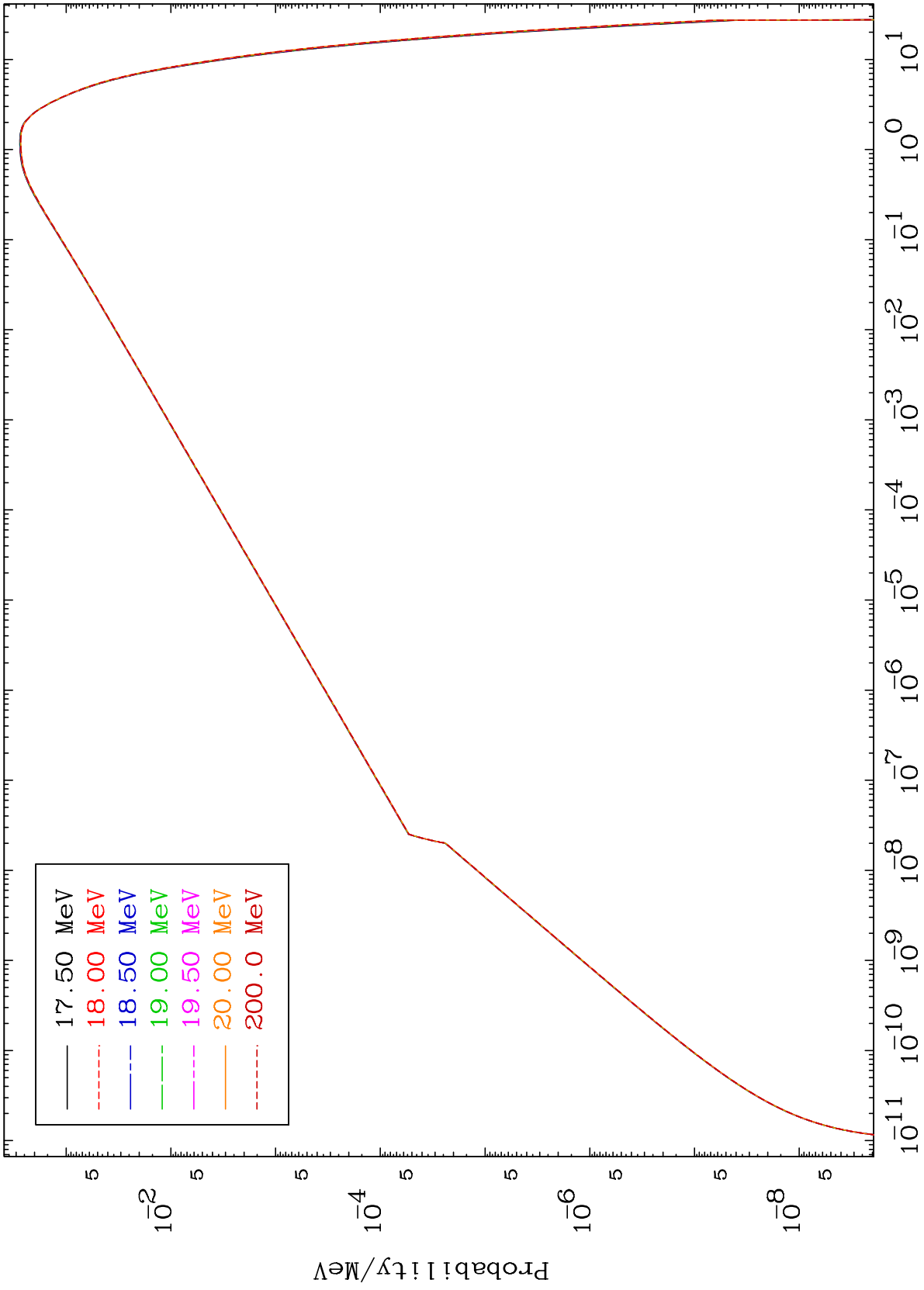
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Fission Energy Distribution

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- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

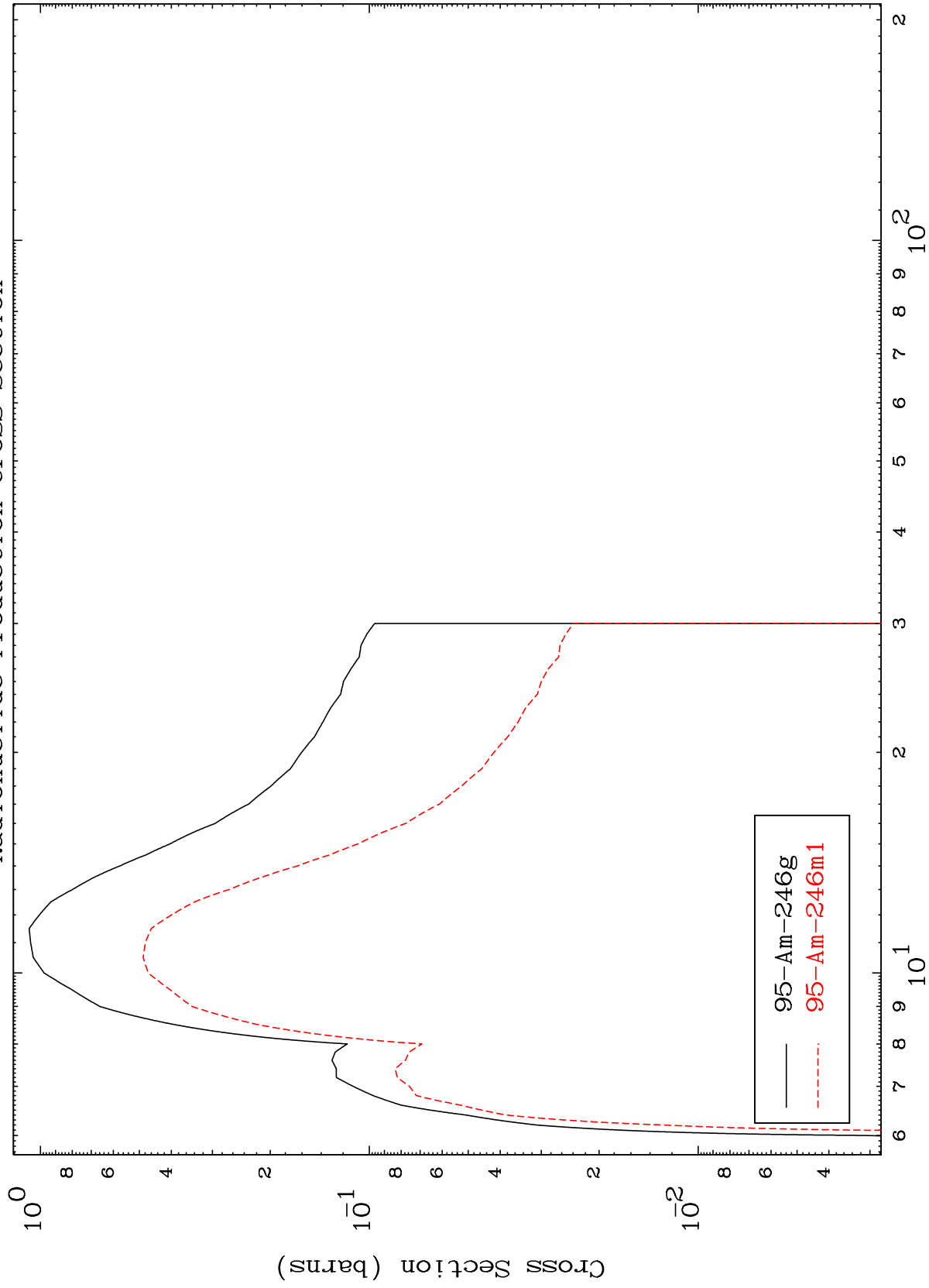
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Secondary Energy (MeV)

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Radionuclide Production Cross Section
(n,2n)



25

Incident Energy (MeV)

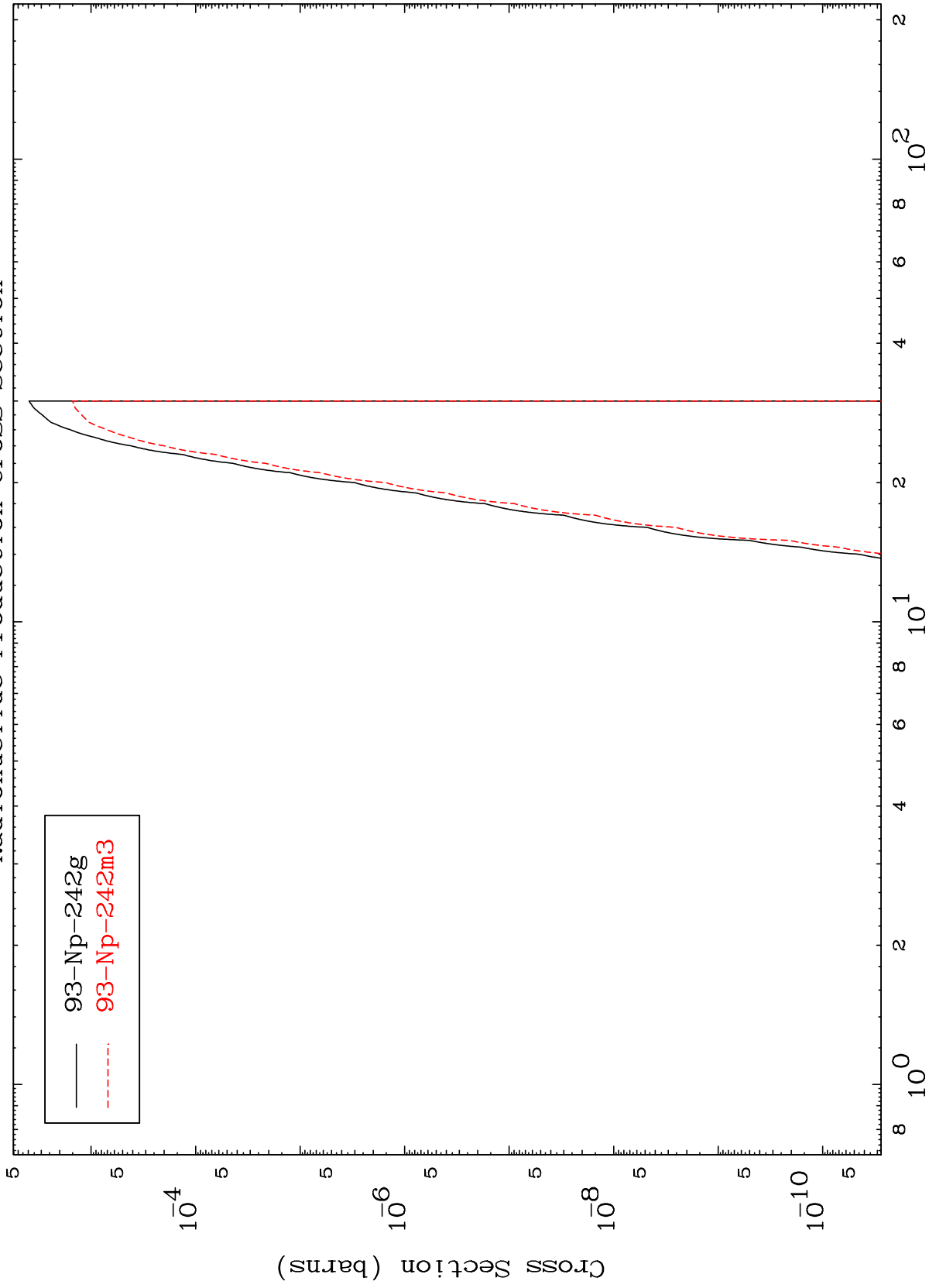
95-Am-247

MAT 9561

(n,2n) α

95-Am-247

Radionuclide Production Cross Section



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

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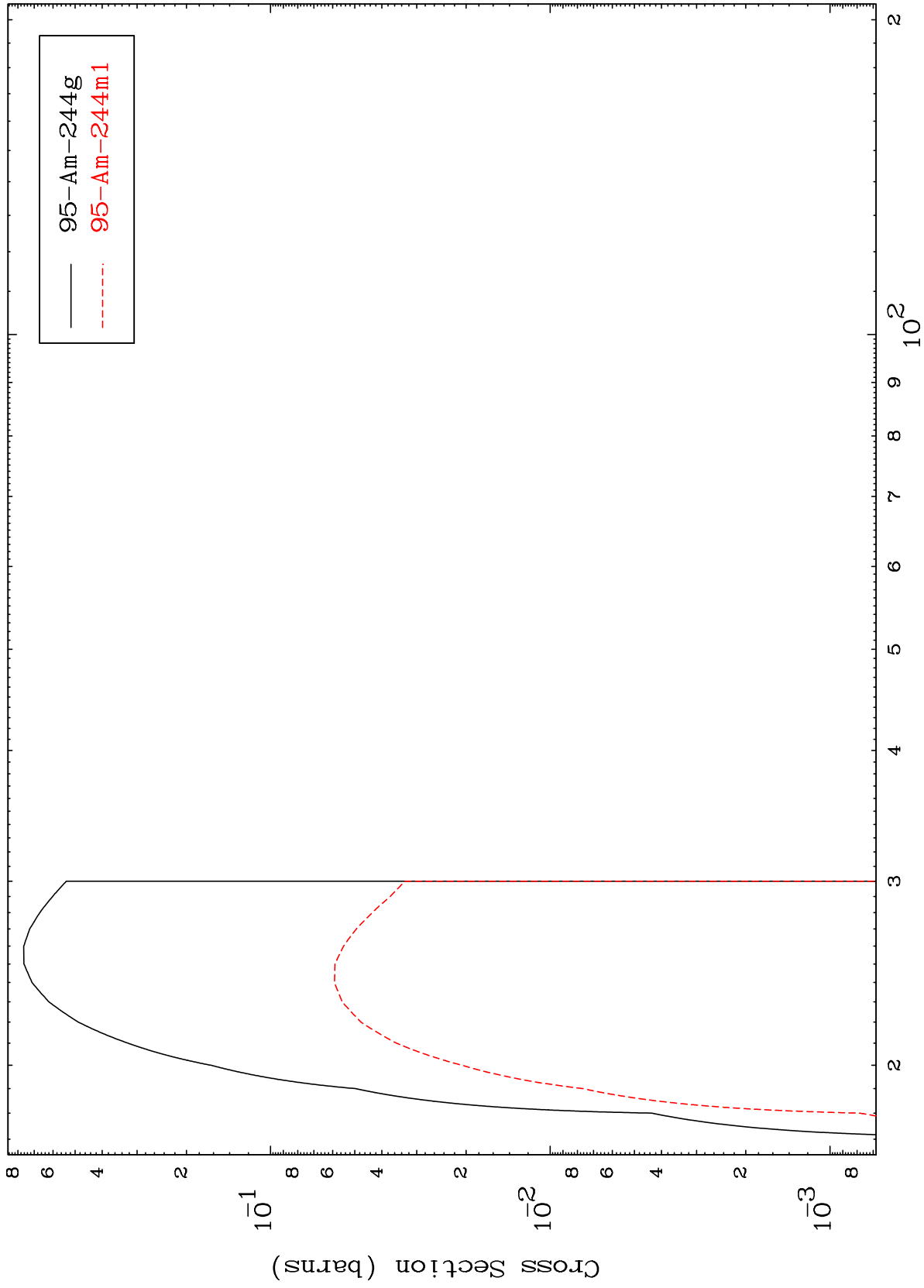
Incident Energy (MeV)

95-Am-247

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(n,4n)
Radionuclide Production Cross Section



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