

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

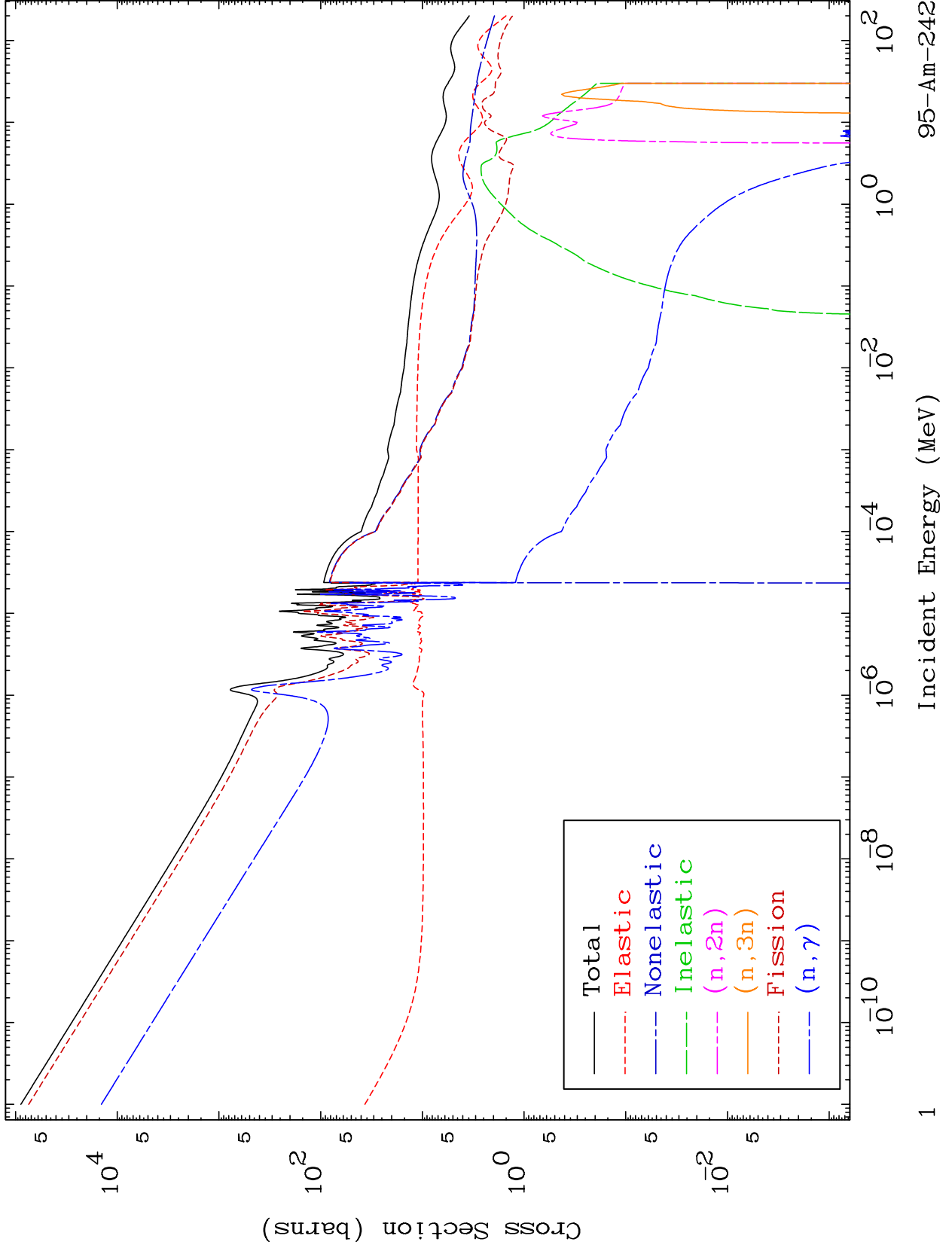
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Press Mouse Button to Start

MAT 9546

Neutron Major
293 Kelvin Cross Sections

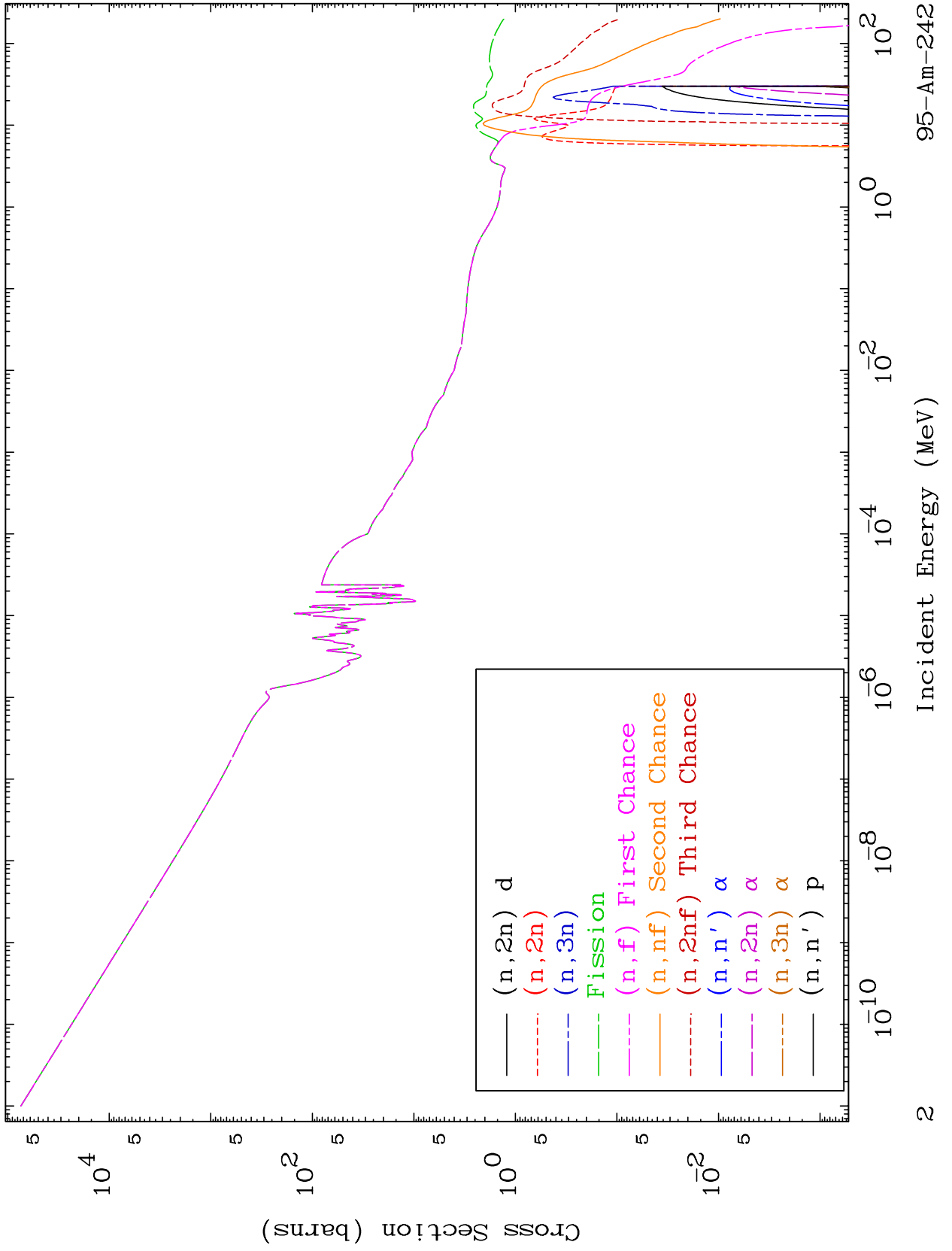
95-Am-242

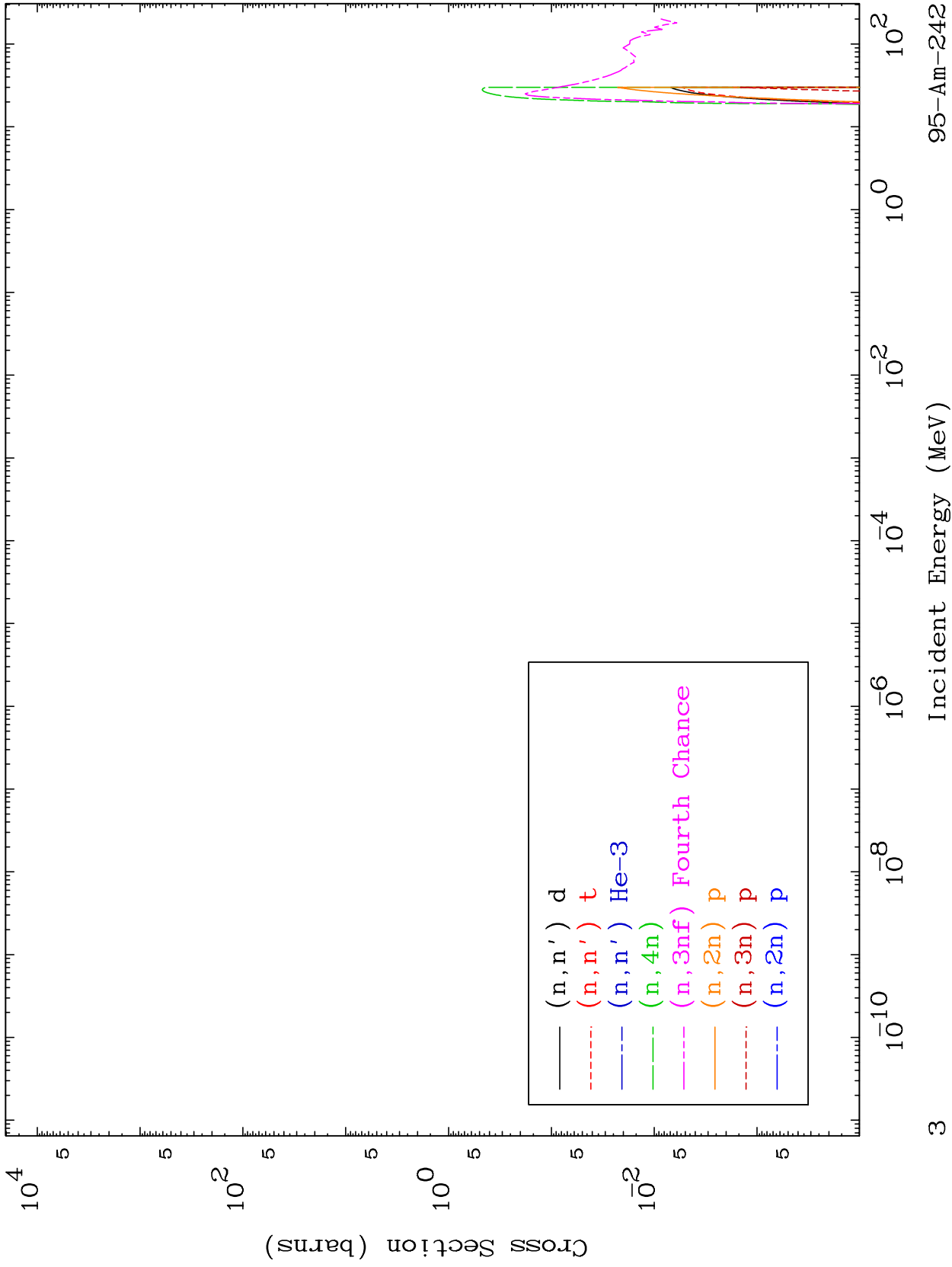


MAT 9546

Neutron Absorption
293 Kelvin Cross Sections

95-Am-242

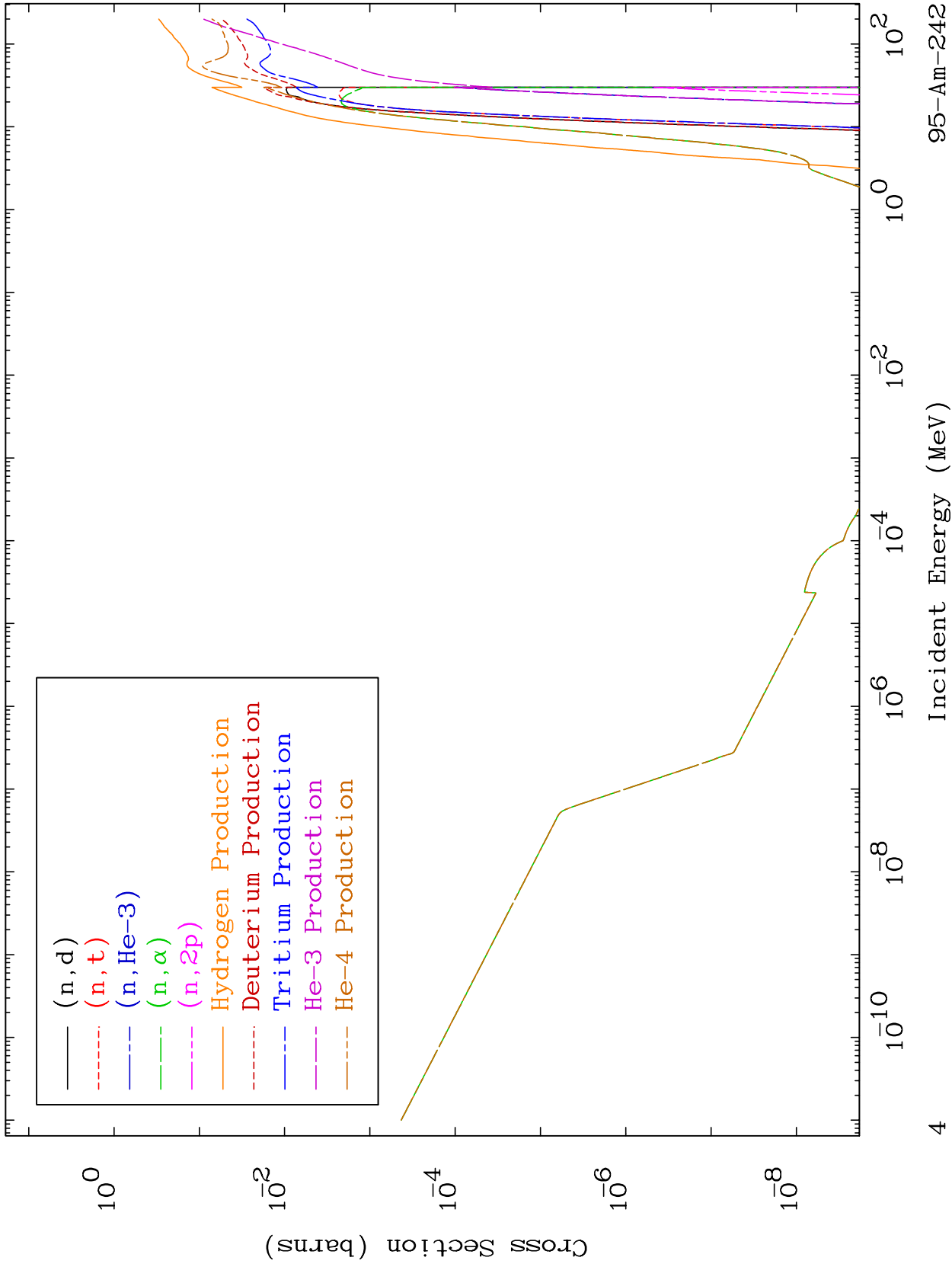




MAT 9546

Neutron Absorption
293 Kelvin Cross Sections

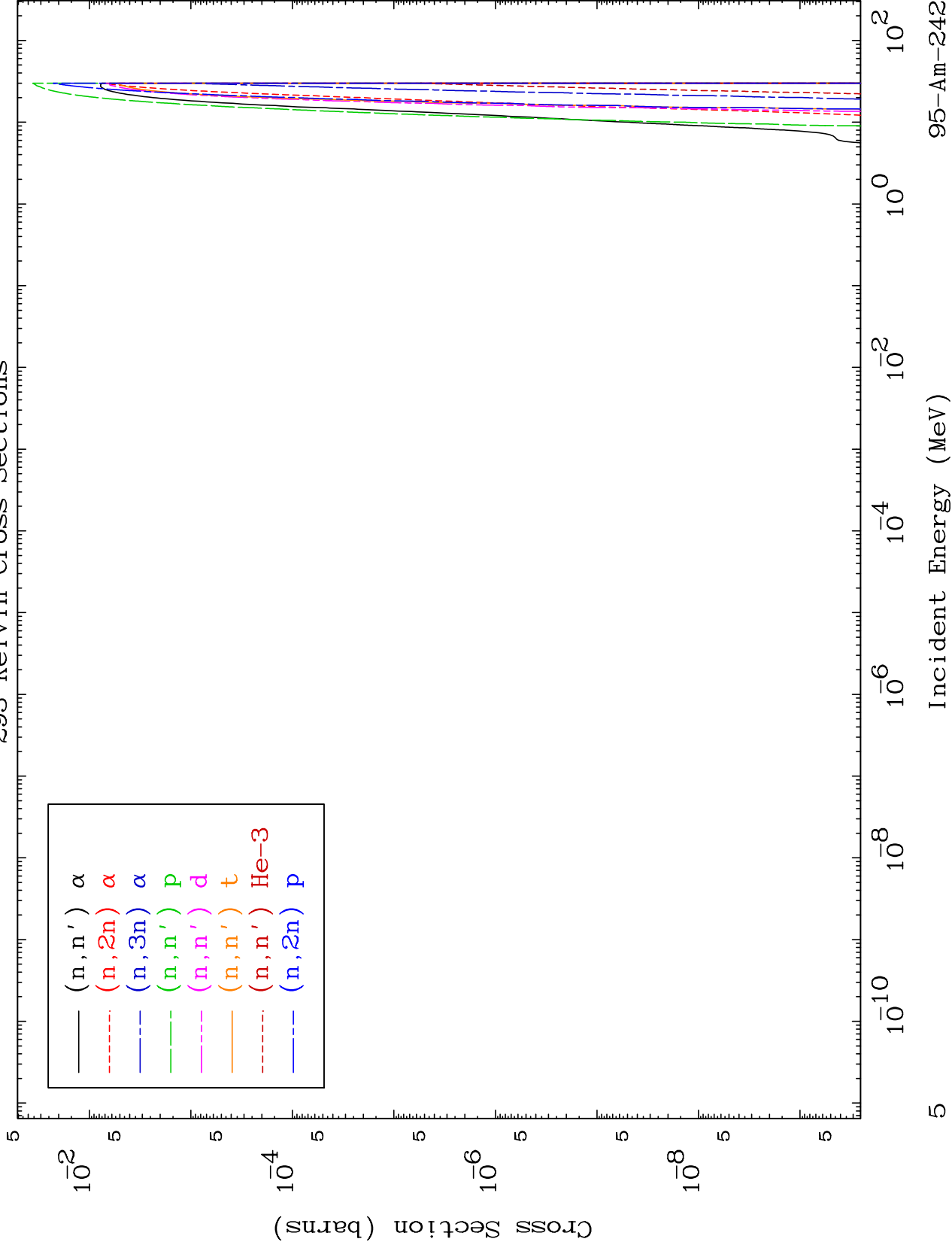
95-Am-242



MAT 9546

Charged Particle
293 Kelvin Cross Sections

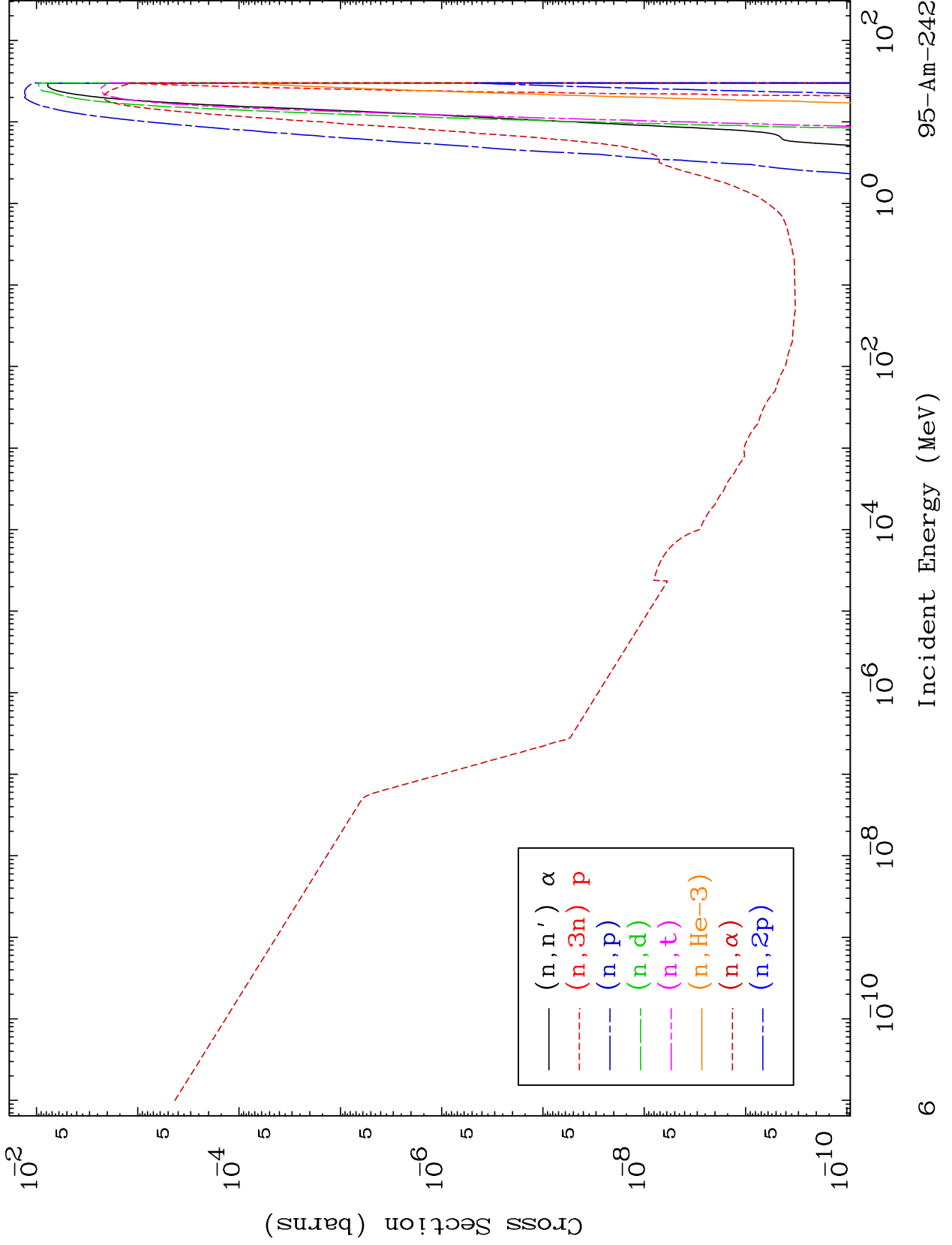
95-Am-242



MAT 9546

Charged Particle
293 Kelvin Cross Sections

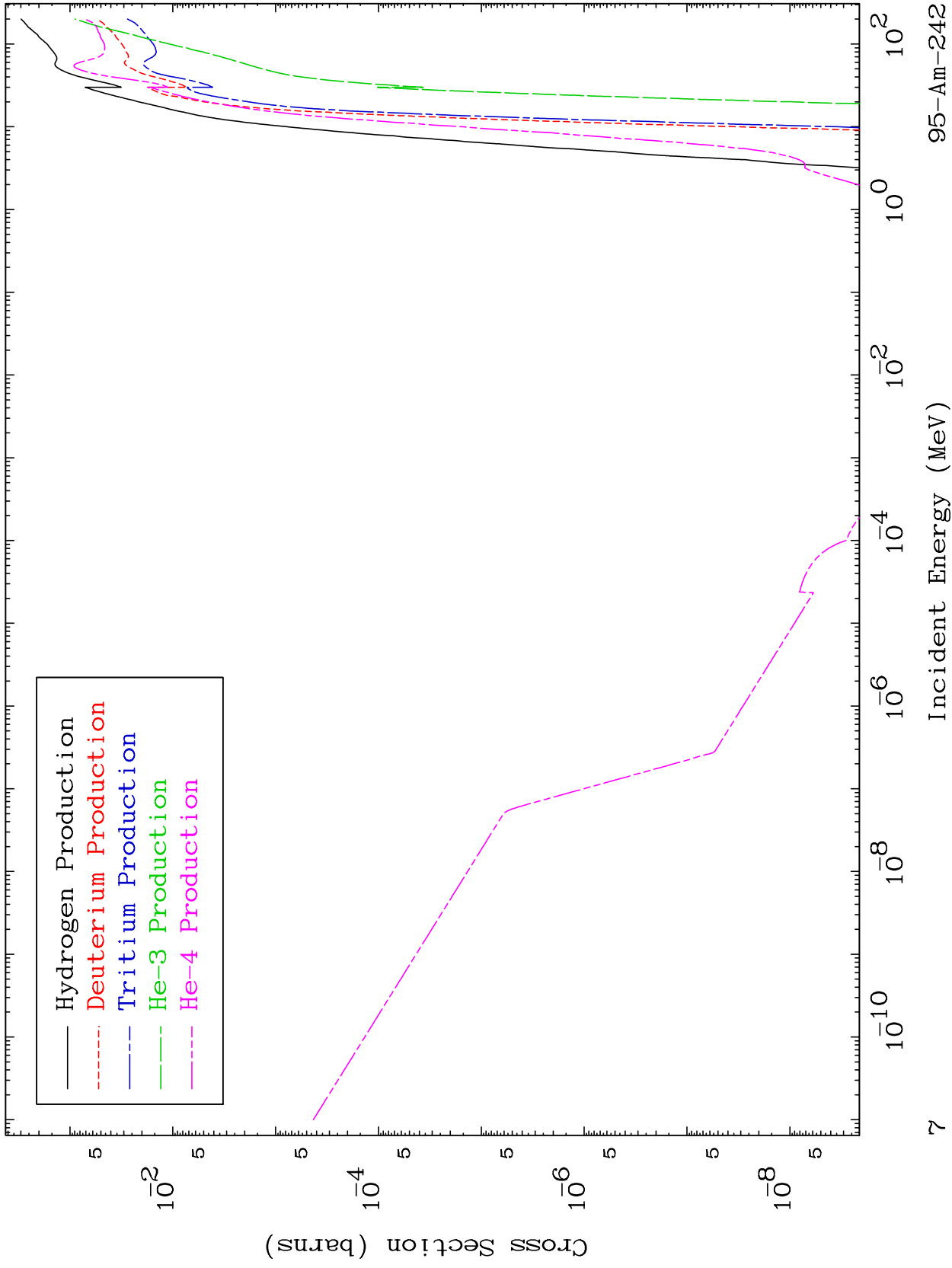
95-Am-242



MAT 9546

Particle Production
293 Kelvin Cross Sections

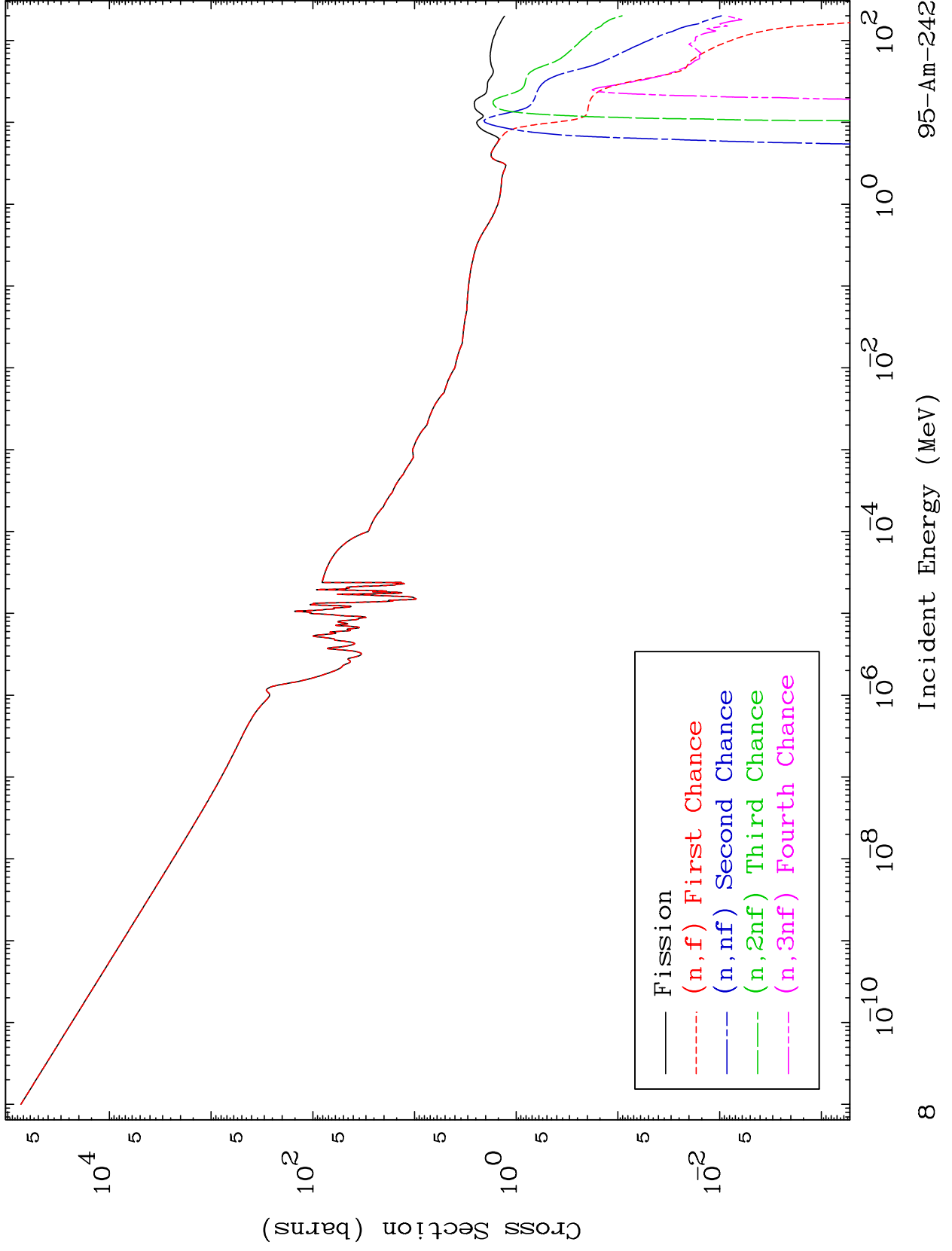
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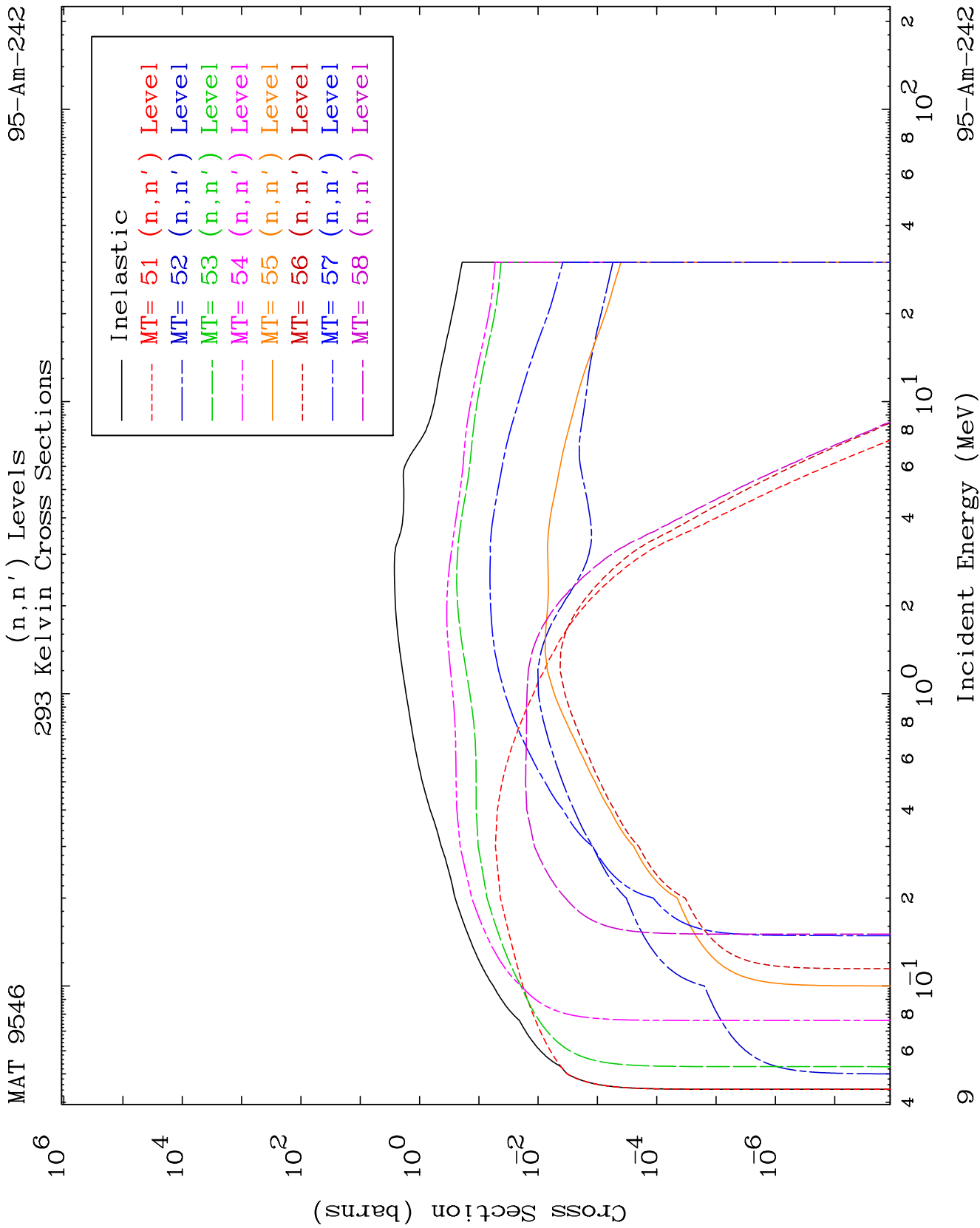


MAT 9546

Fission
293 Kelvin Cross Sections

95-Am-242



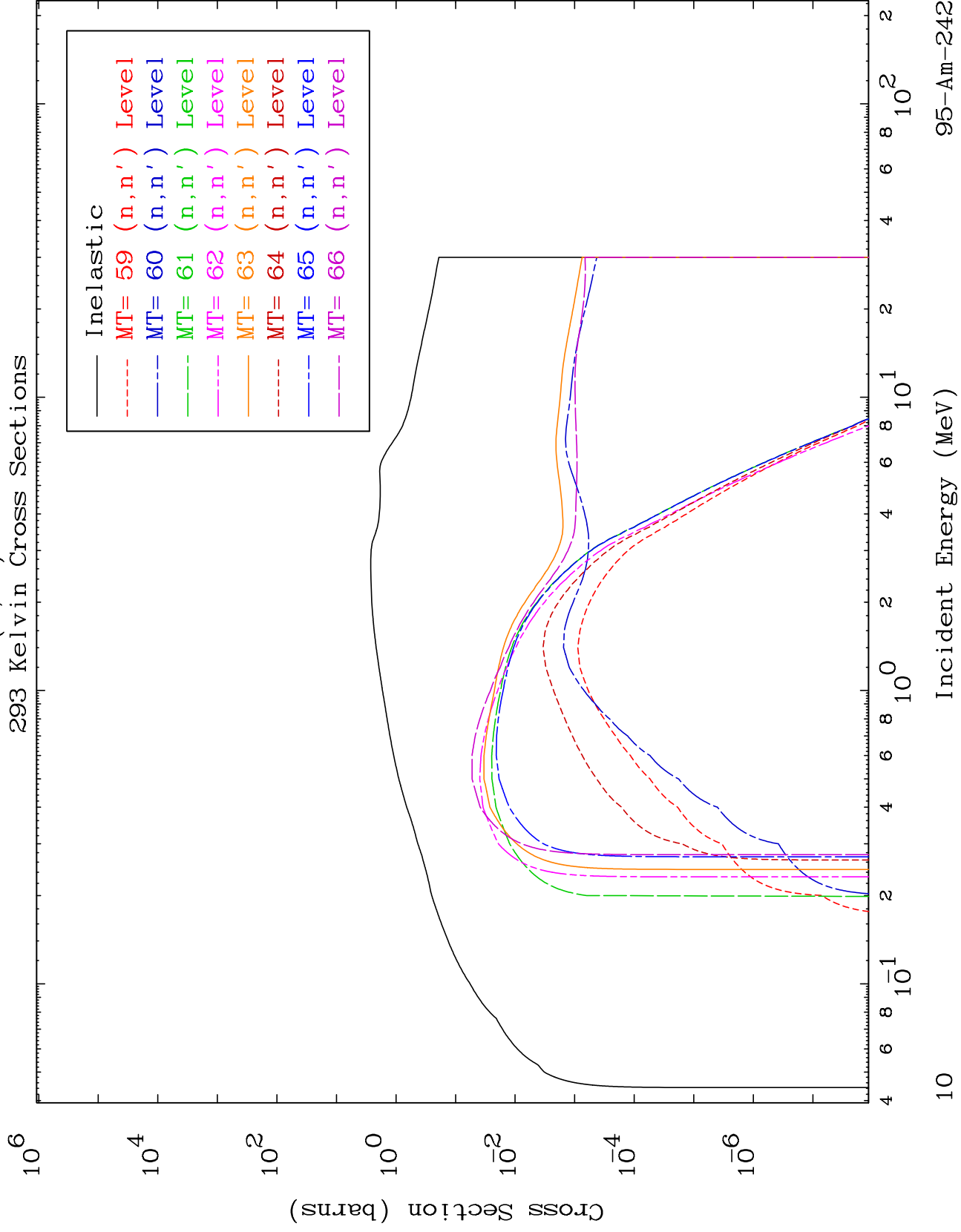


MAT 9546

(n,n') Levels

293 Kelvin Cross Sections

95-Am-242



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Incident Energy (MeV)

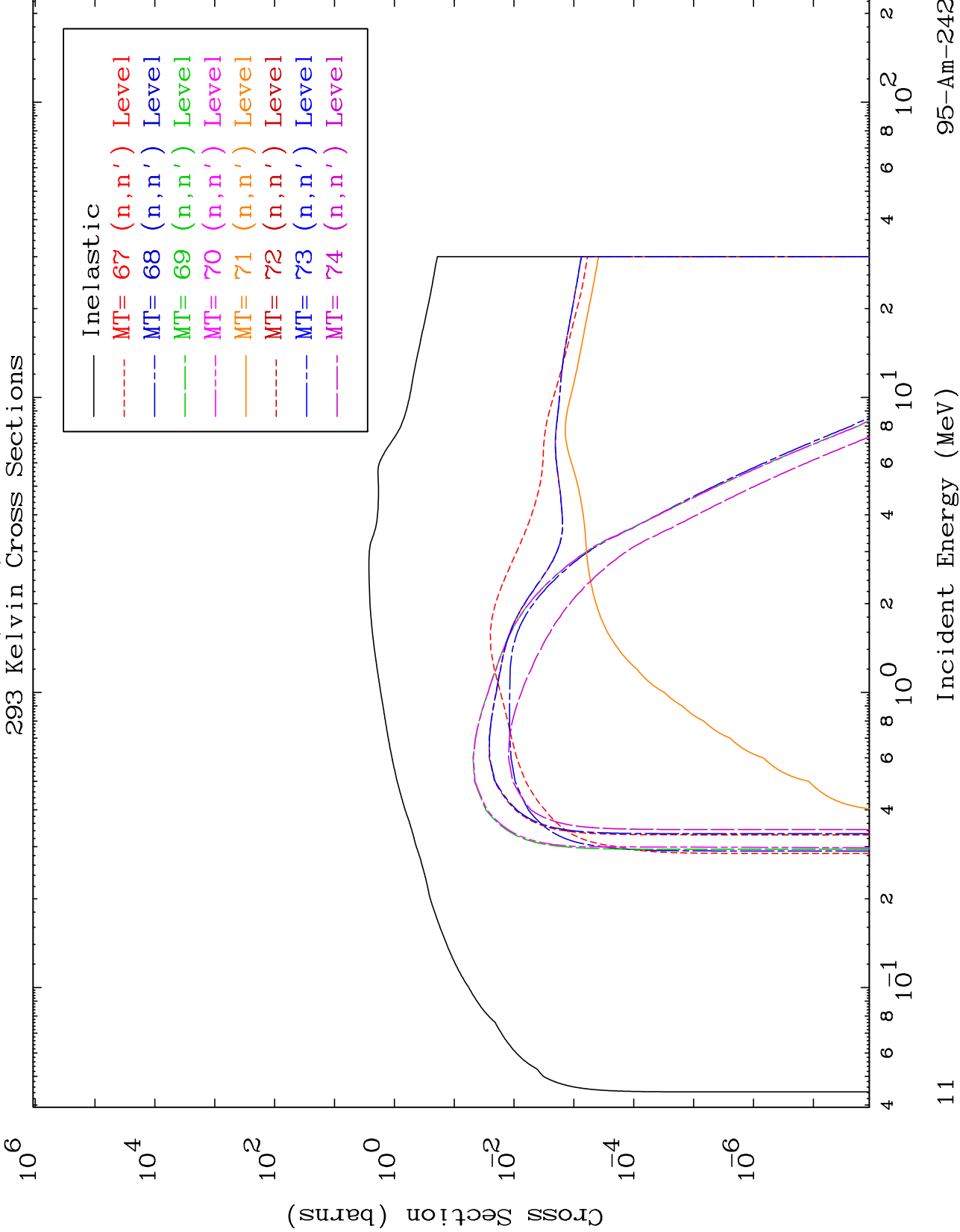
95-Am-242

MAT 9546

(n,n') Levels

293 Kelvin Cross Sections

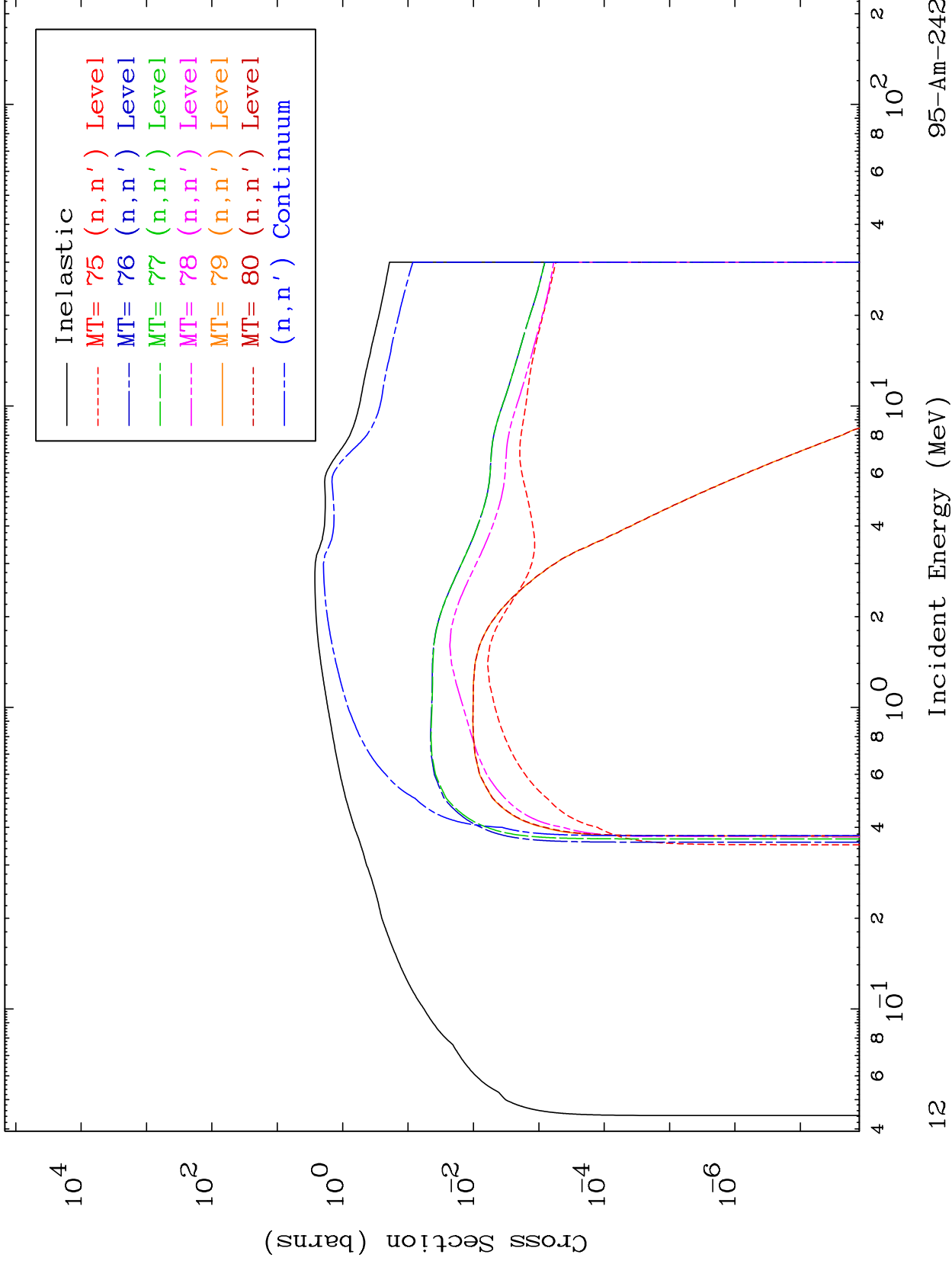
95-Am-242



MAT 9546

(n,n') Levels
293 Kelvin Cross Sections

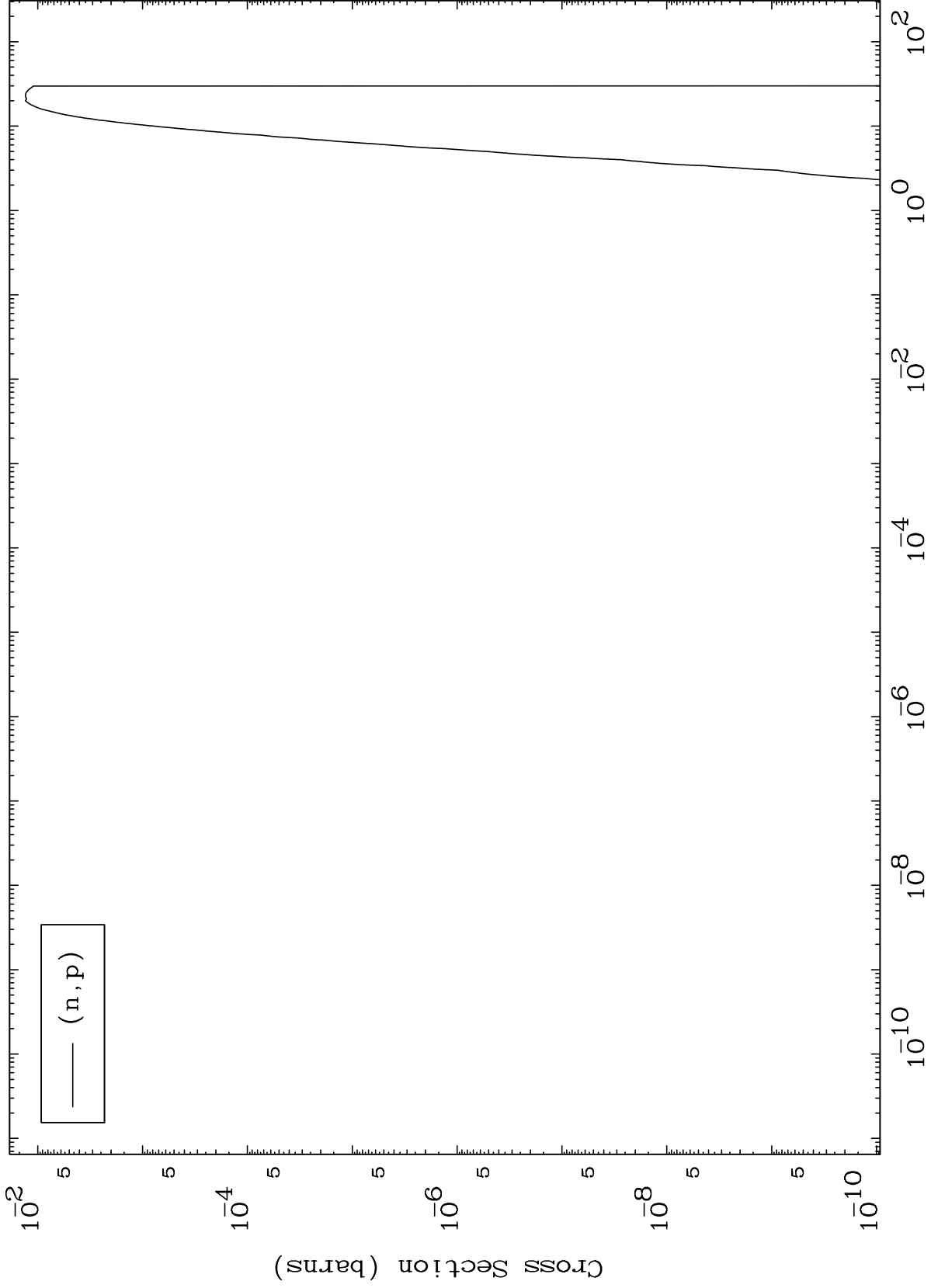
95-Am-242



MAT 9546

(n,p) Levels
293 Kelvin Cross Sections

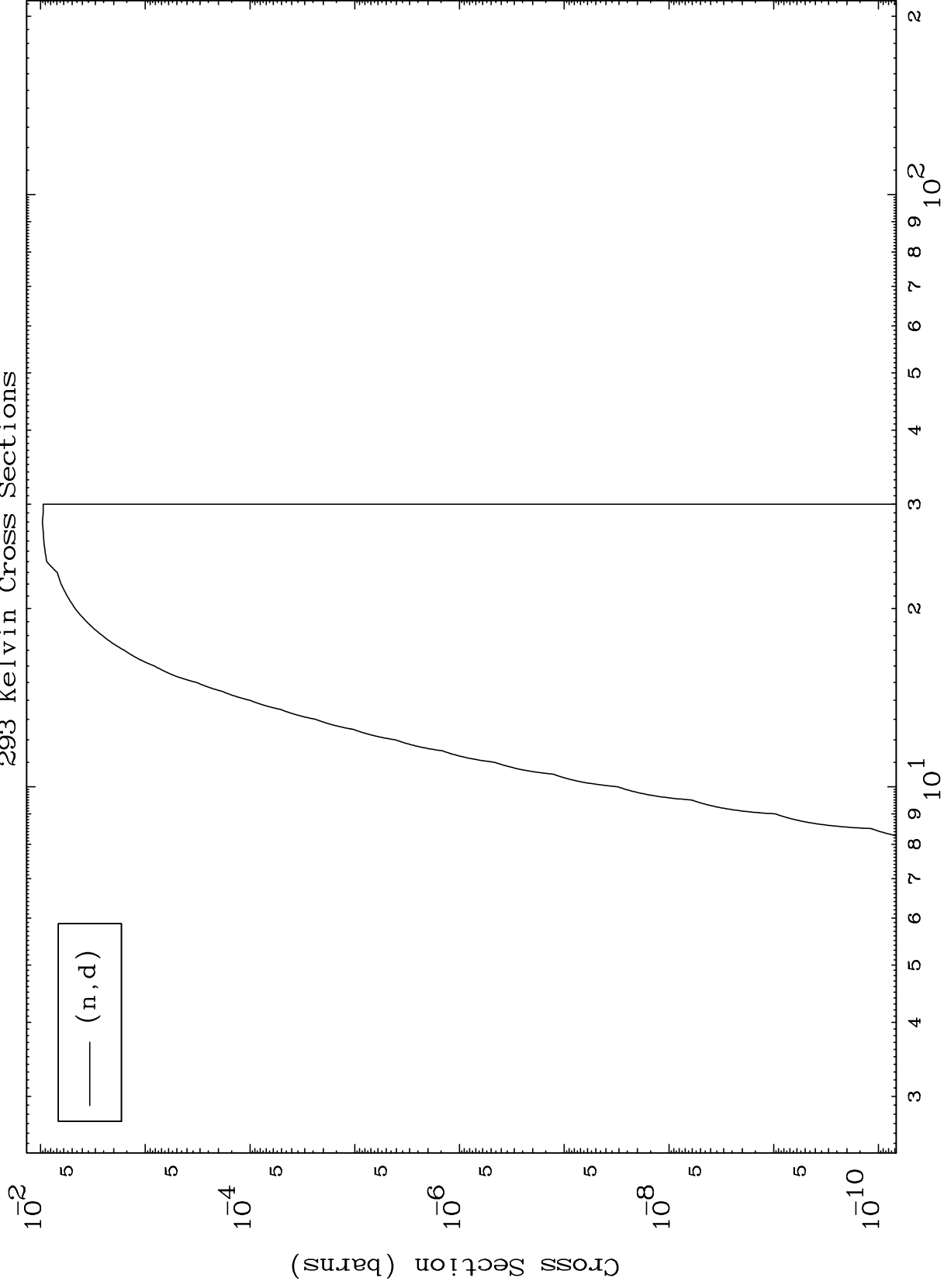
95-Am-242



MAT 9546

(n,d) Levels
293 Kelvin Cross Sections

95-Am-242



14

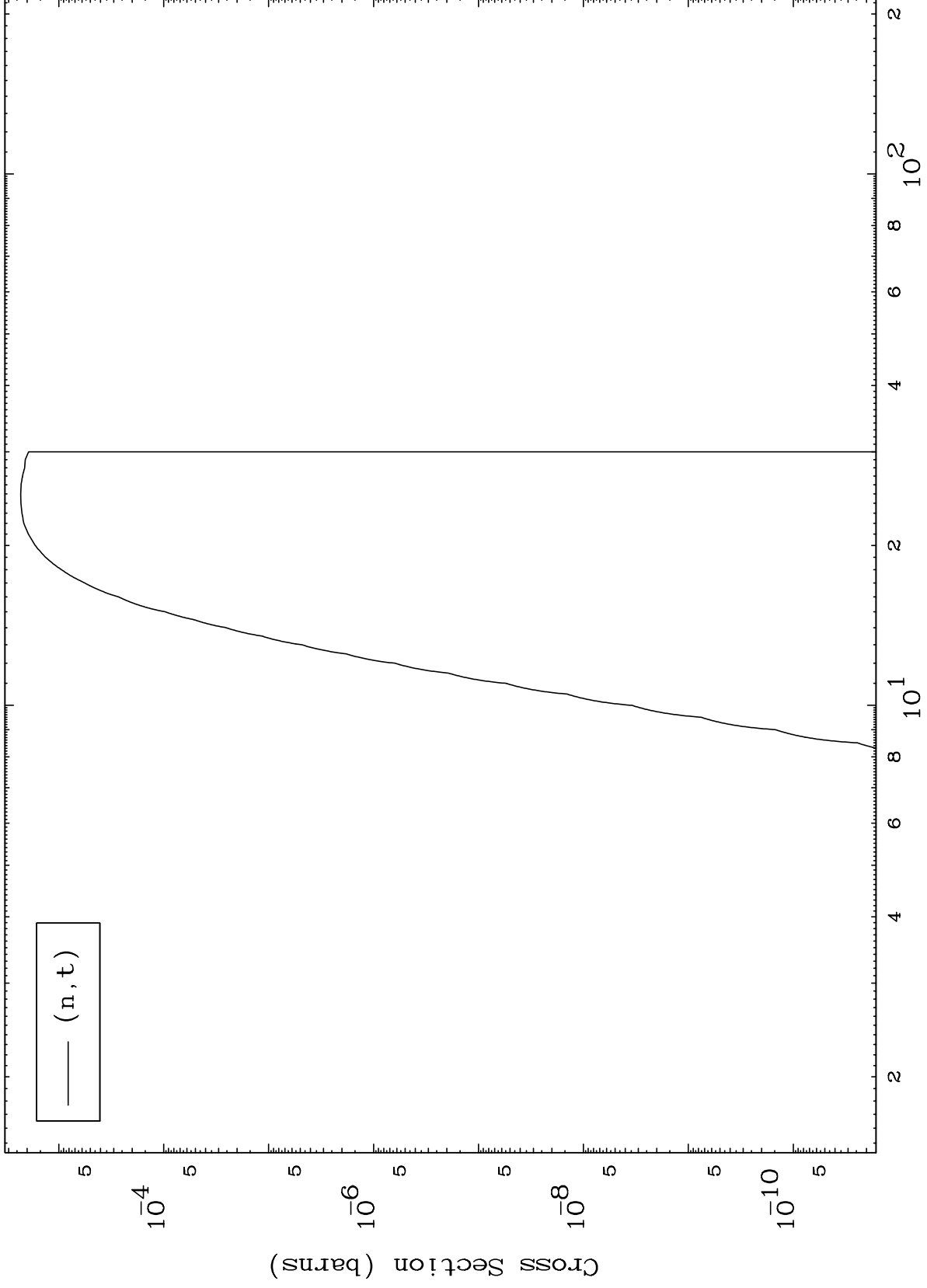
Incident Energy (MeV)

95-Am-242

MAT 9546

(n,t) Levels
293 Kelvin Cross Sections

95-Am-242



15

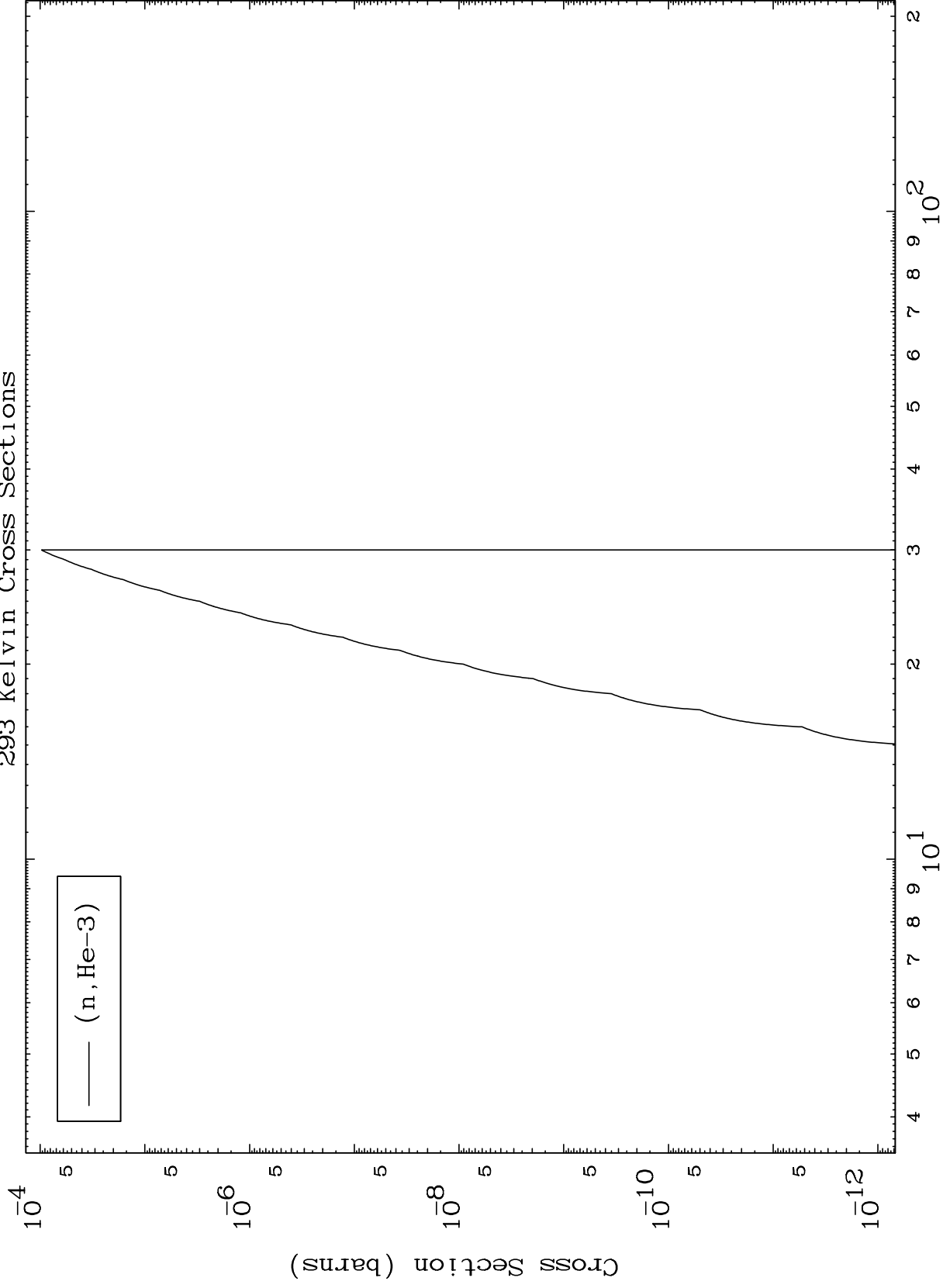
Incident Energy (MeV)

95-Am-242

MAT 9546

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-242



16

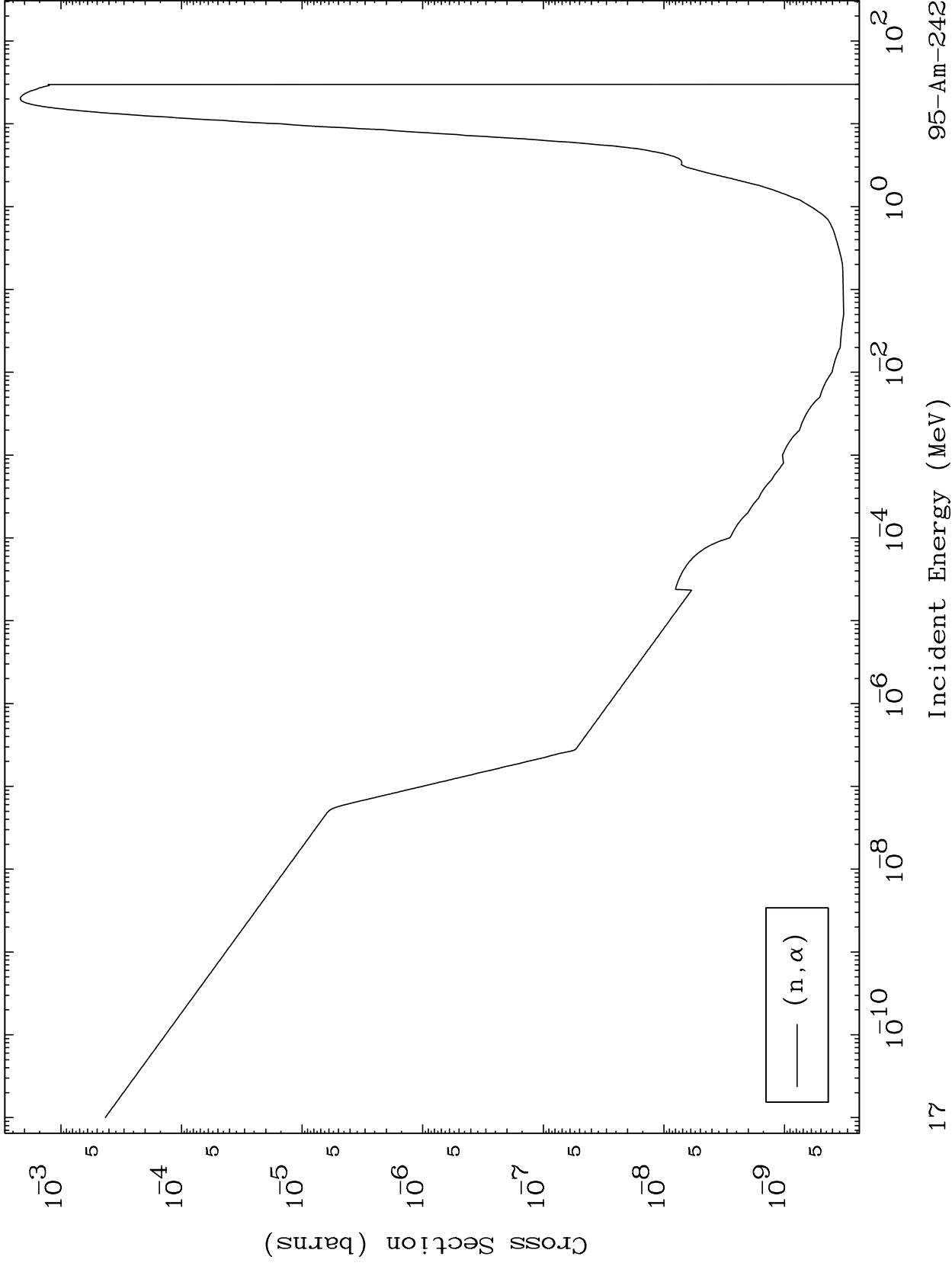
Incident Energy (MeV)

95-Am-242

MAT 9546

(n,α) Levels
293 Kelvin Cross Sections

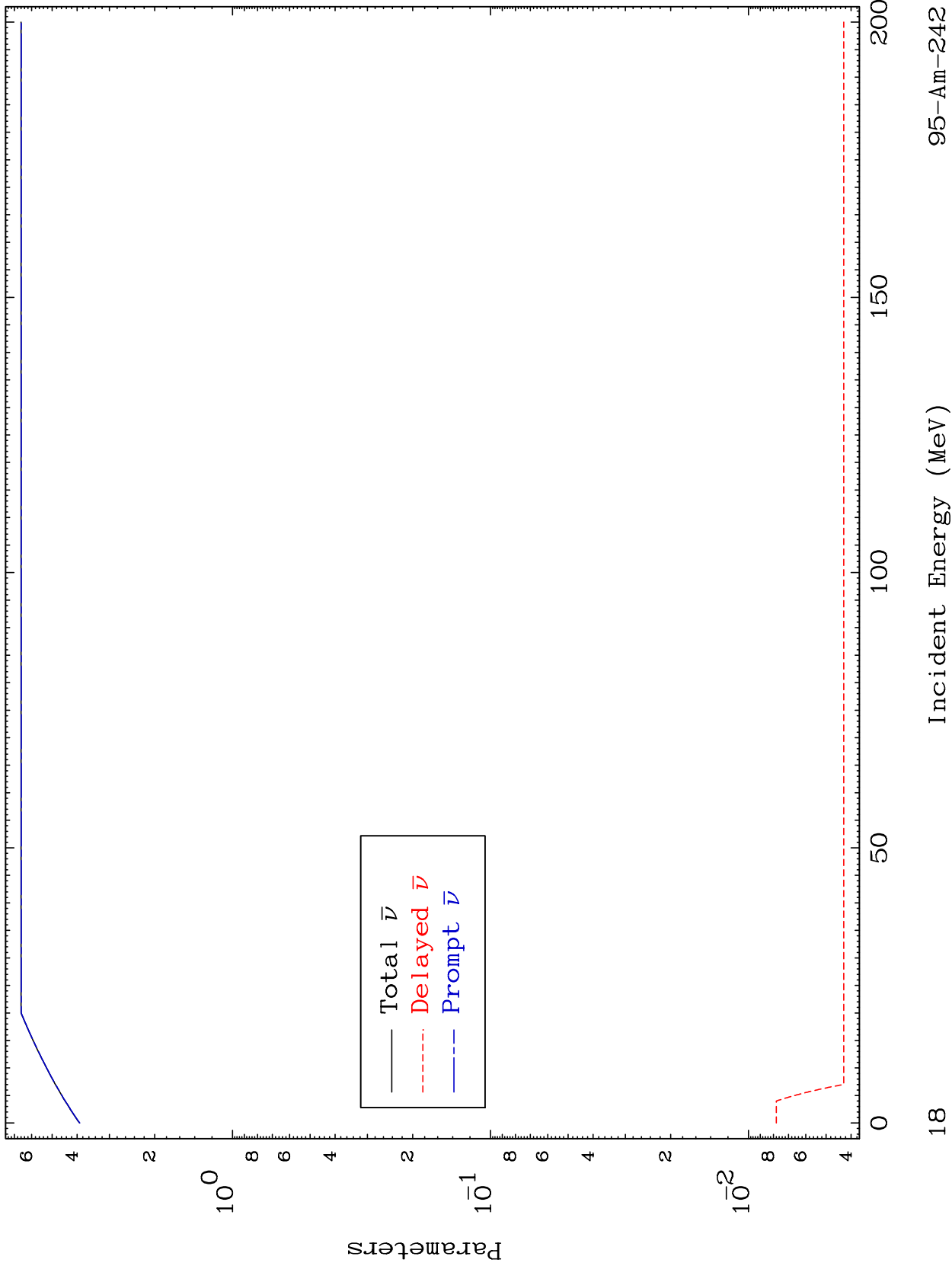
95-Am-242



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Energy Release
Parameters

95-Am-242



18

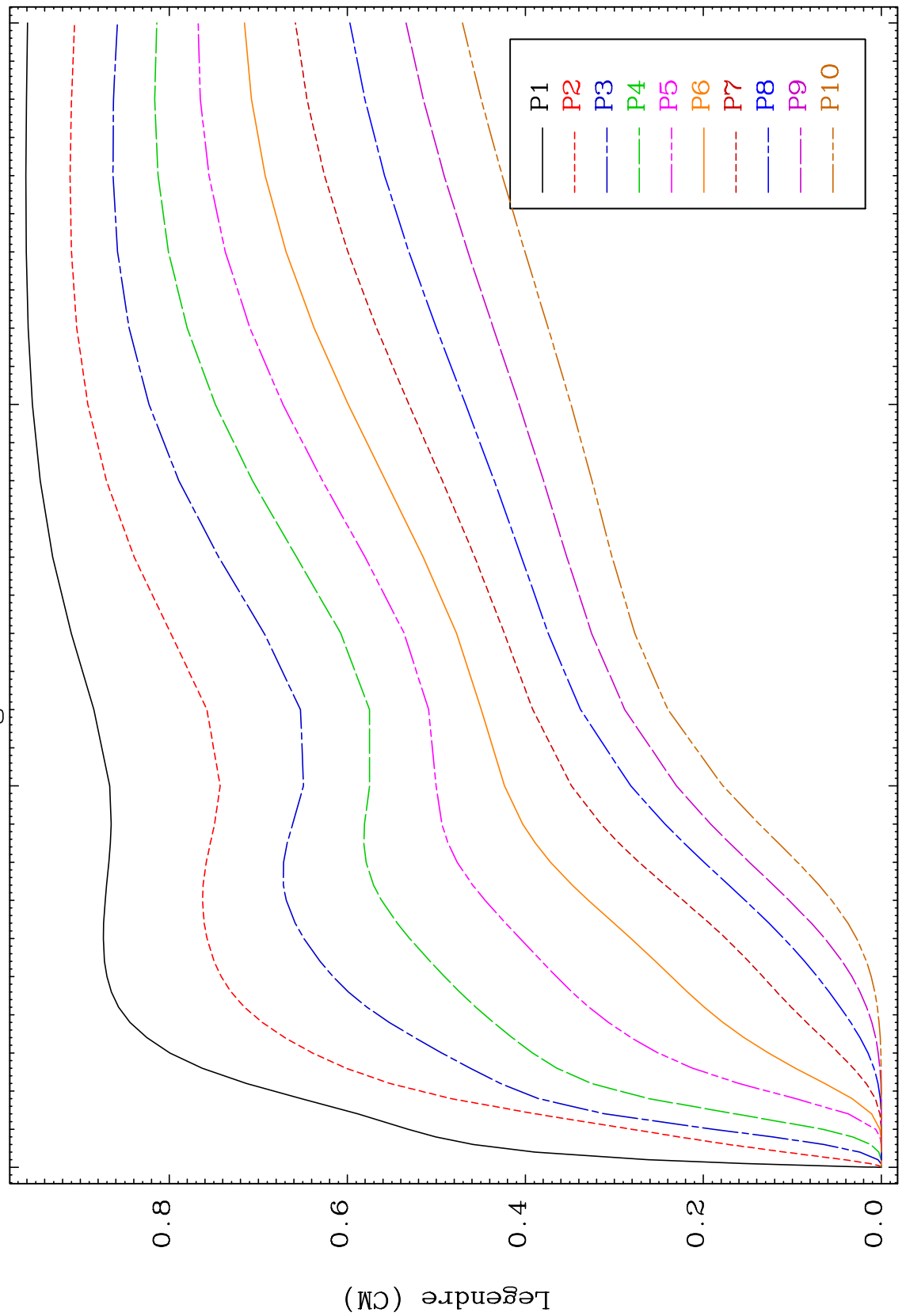
Incident Energy (MeV)

95-Am-242

MAT 9546

95-Am-242

Elastic Legendre Coefficients



19

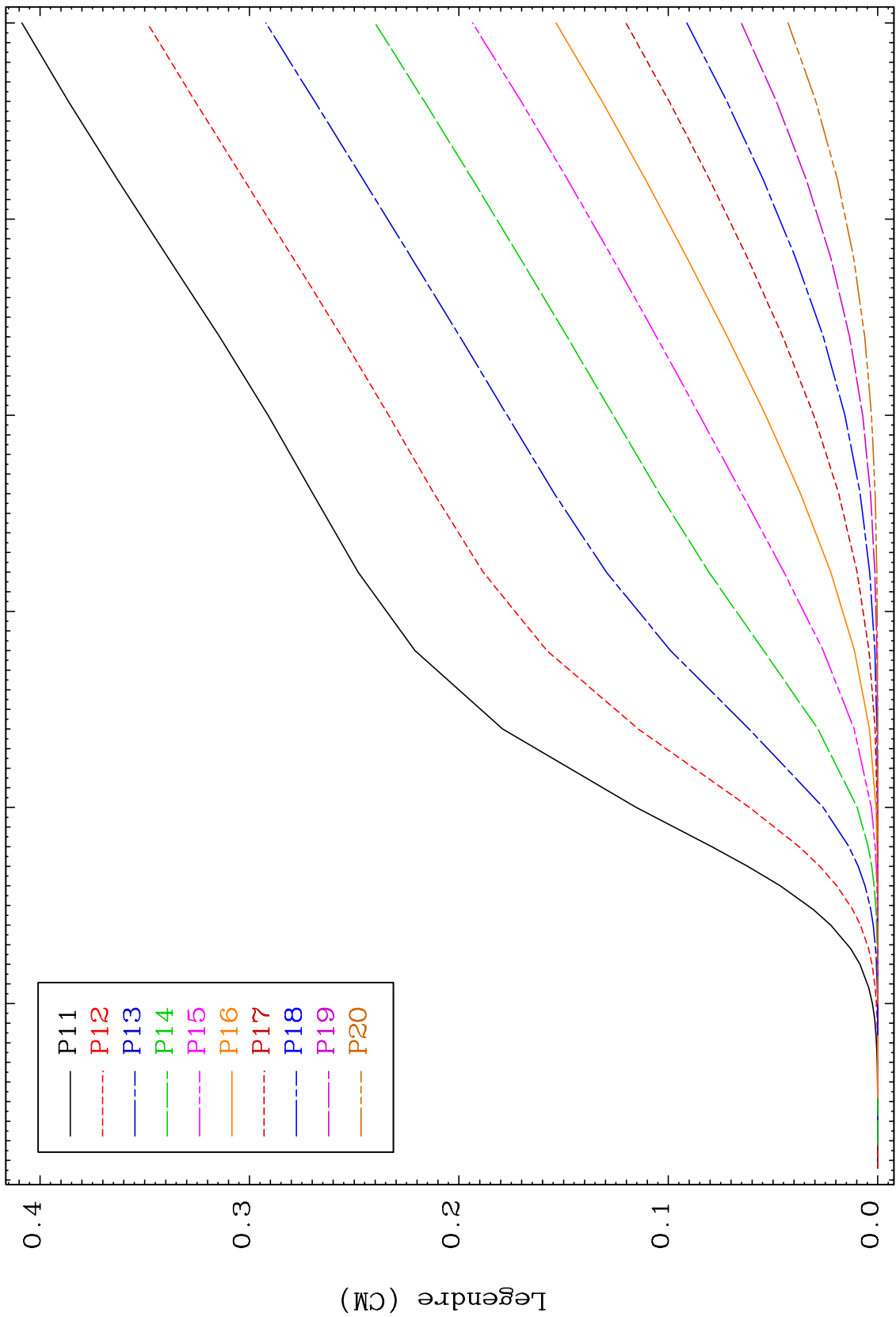
Incident Energy (MeV)

95-Am-242

MAT 9546

Elastic Legendre Coefficients

⁹⁵Am-242



20

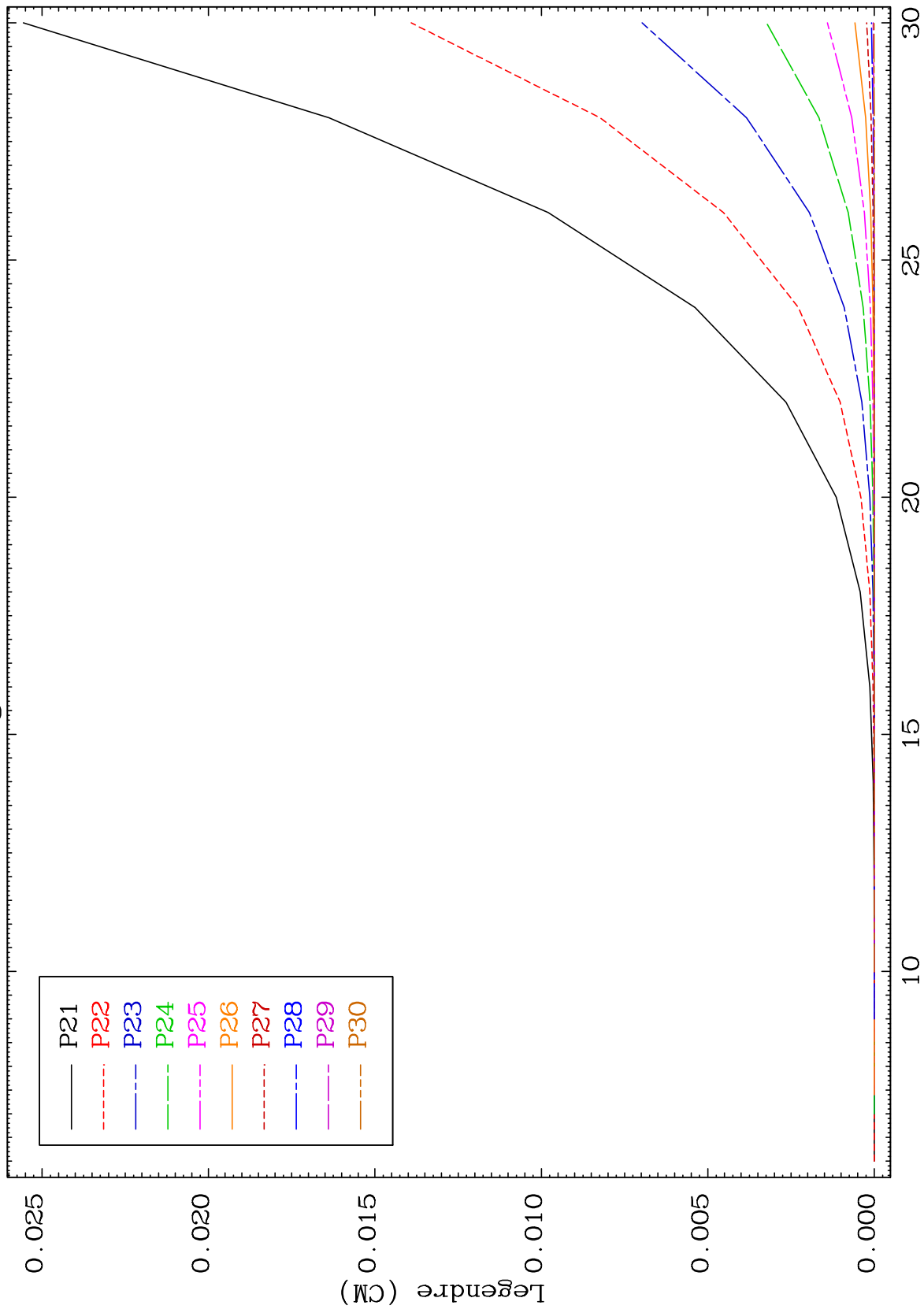
Incident Energy (MeV)

⁹⁵Am-242

MAT 9546

Elastic Legendre Coefficients

95-Am-242



21

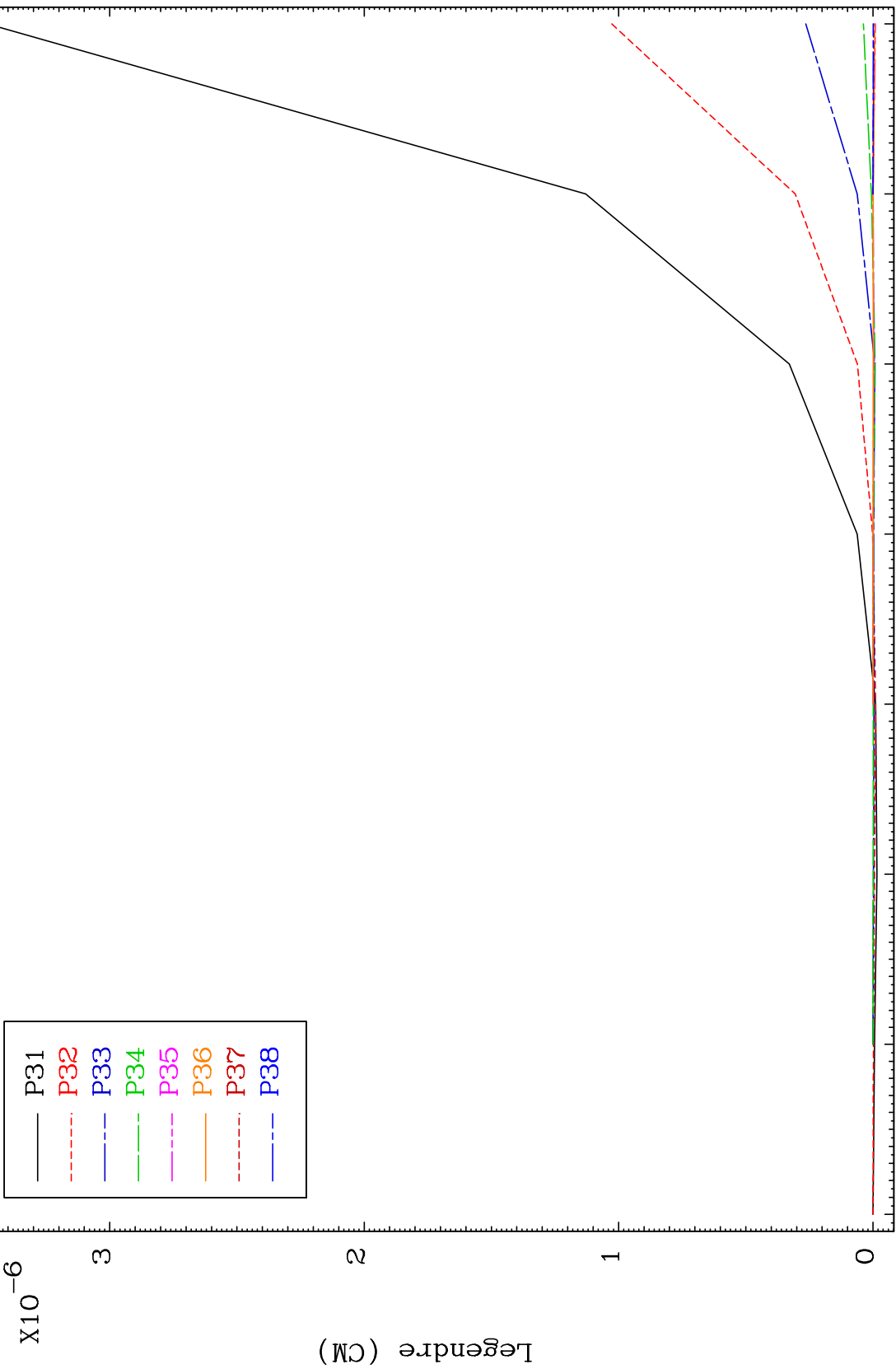
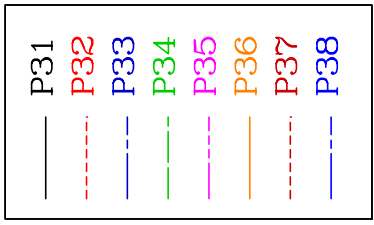
Incident Energy (MeV)

95-Am-242

MAT 9546

Elastic Legendre Coefficients

95-Am-242



22

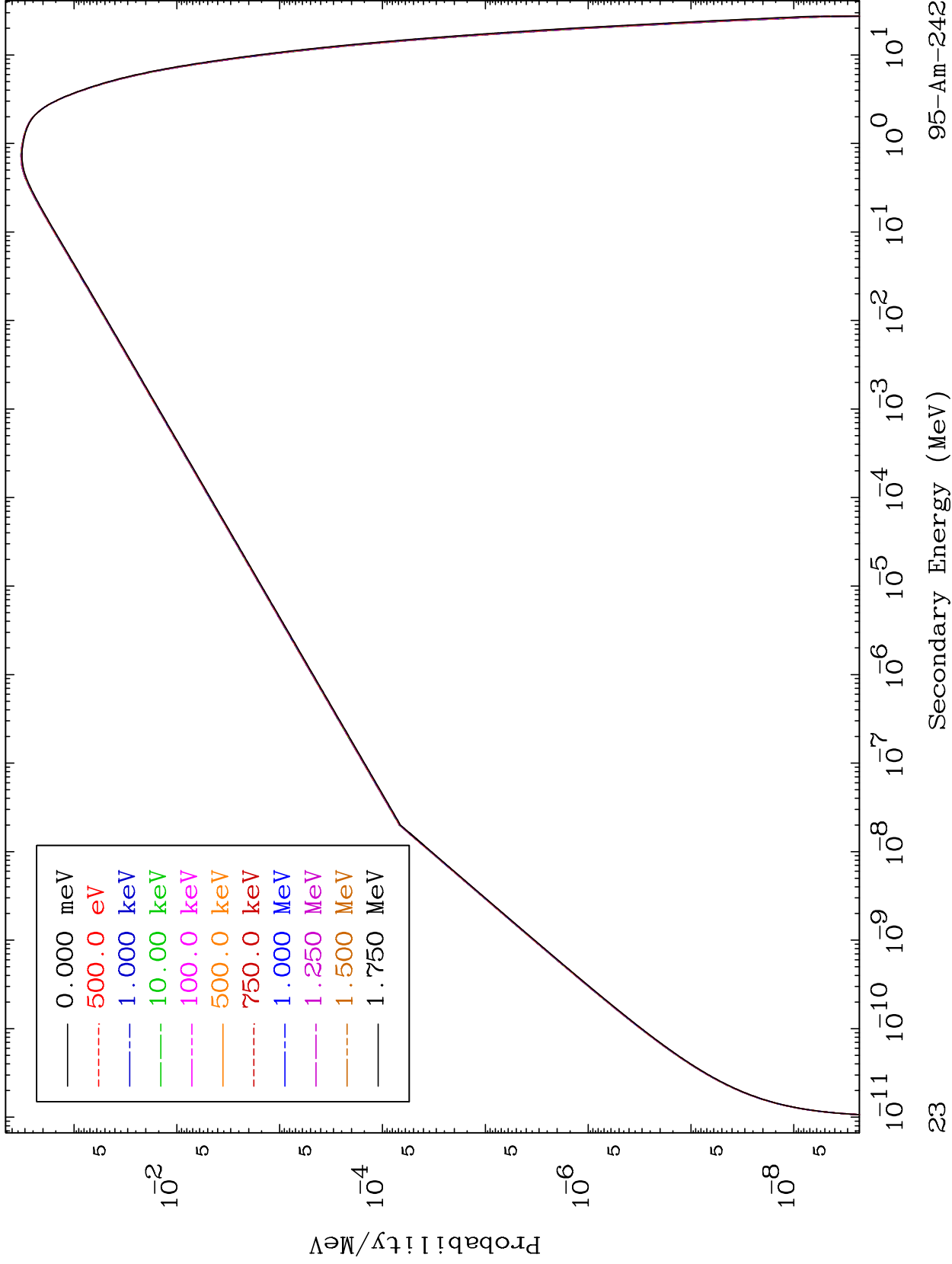
Incident Energy (MeV)

95-Am-242

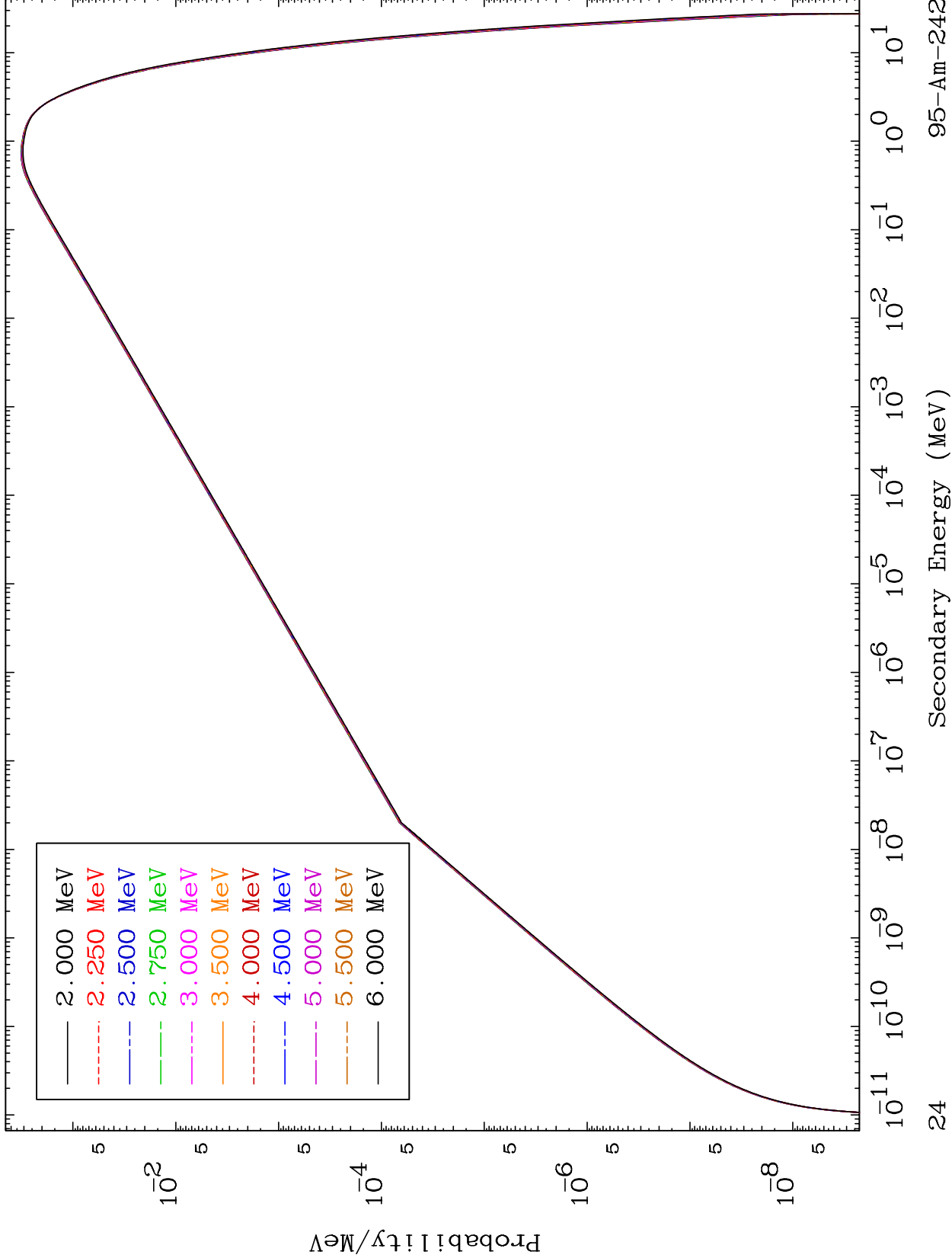
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Fission Energy Distributions

95-Am-242



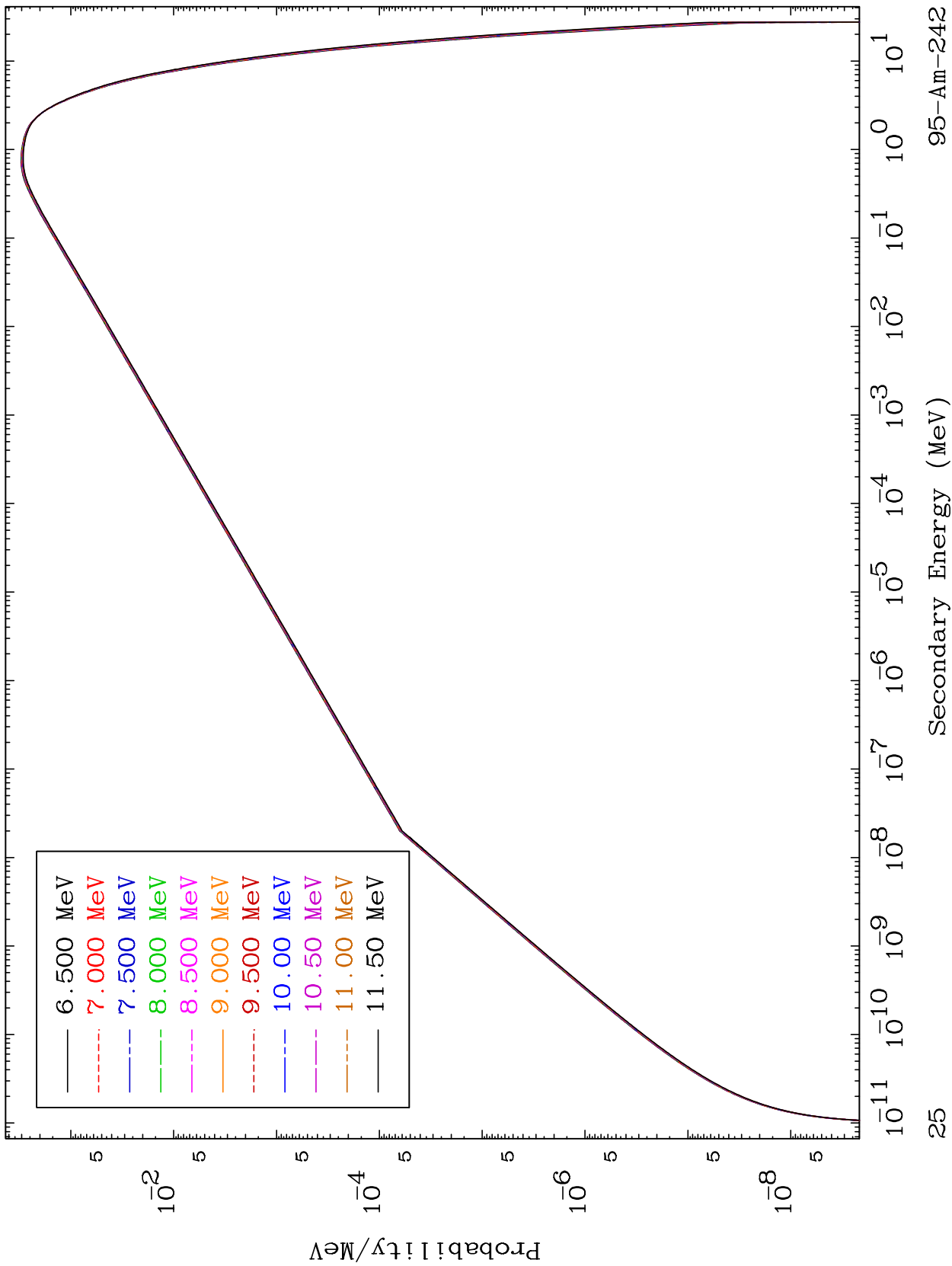
Fission Energy Distributions



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Fission Energy Distributions

95-Am-242



95-Am-242

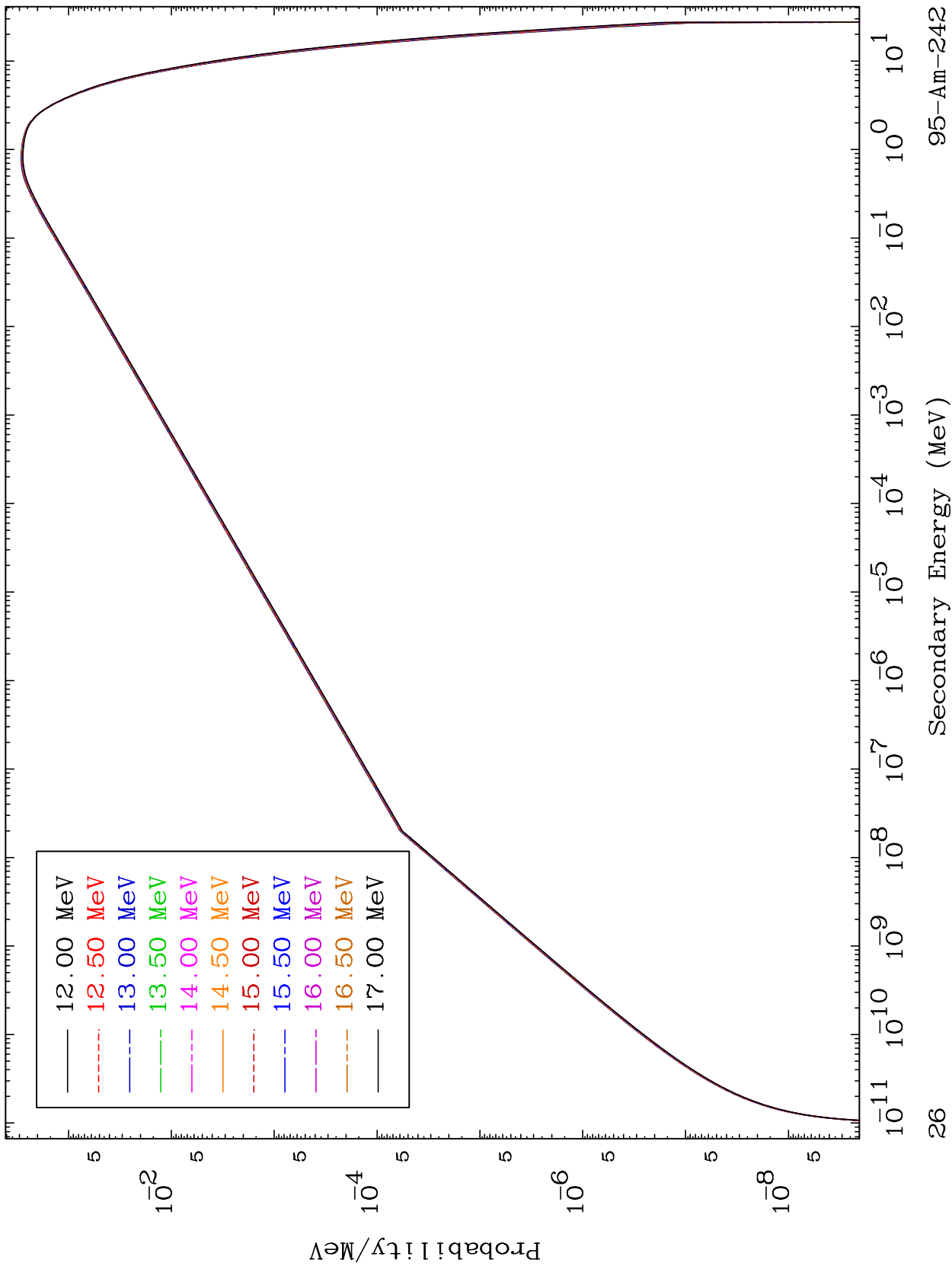
Secondary Energy (MeV)

25

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Fission Energy Distributions

95-Am-242



95-Am-242

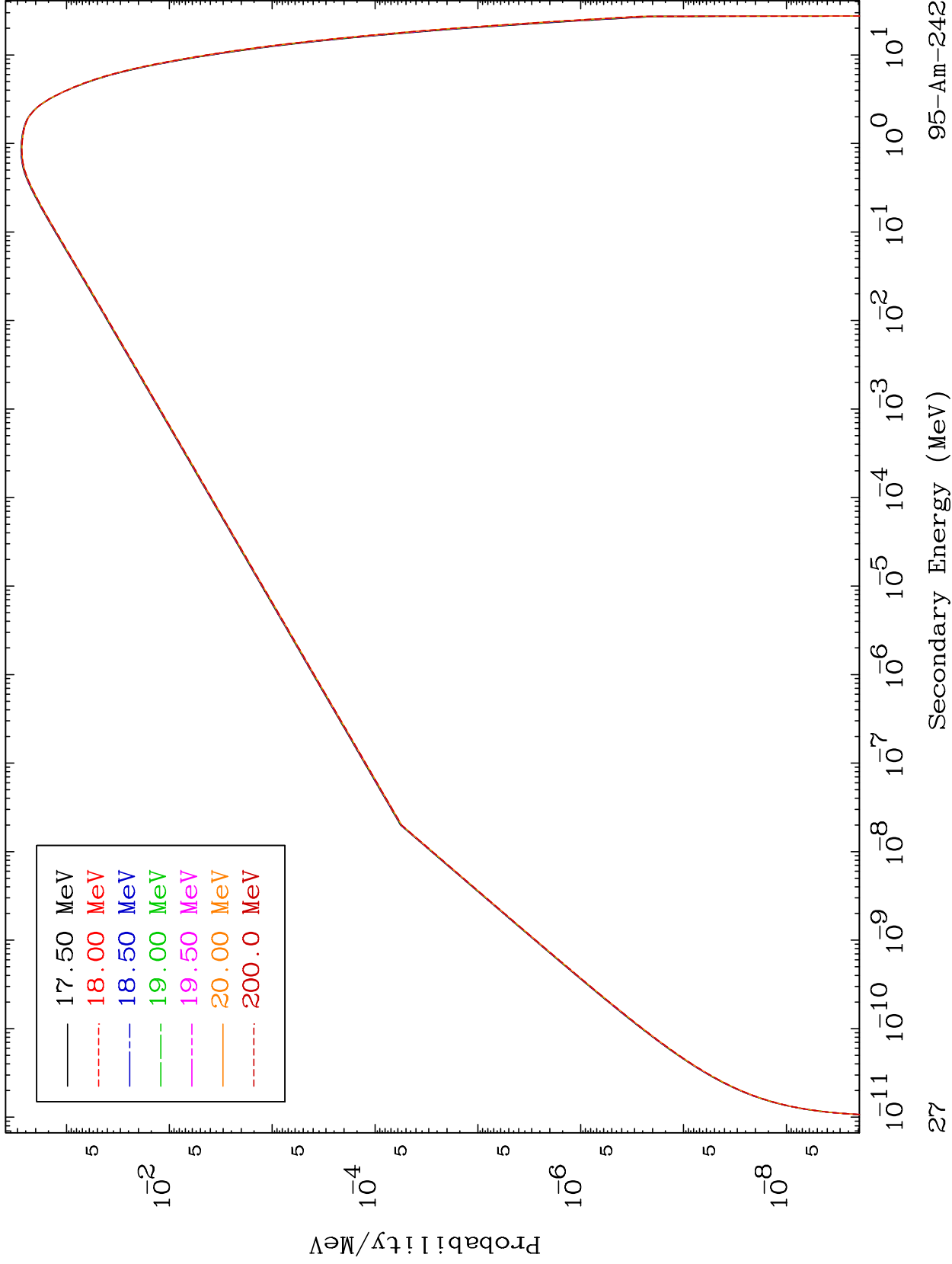
Secondary Energy (MeV)

26

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Fission Energy Distributions

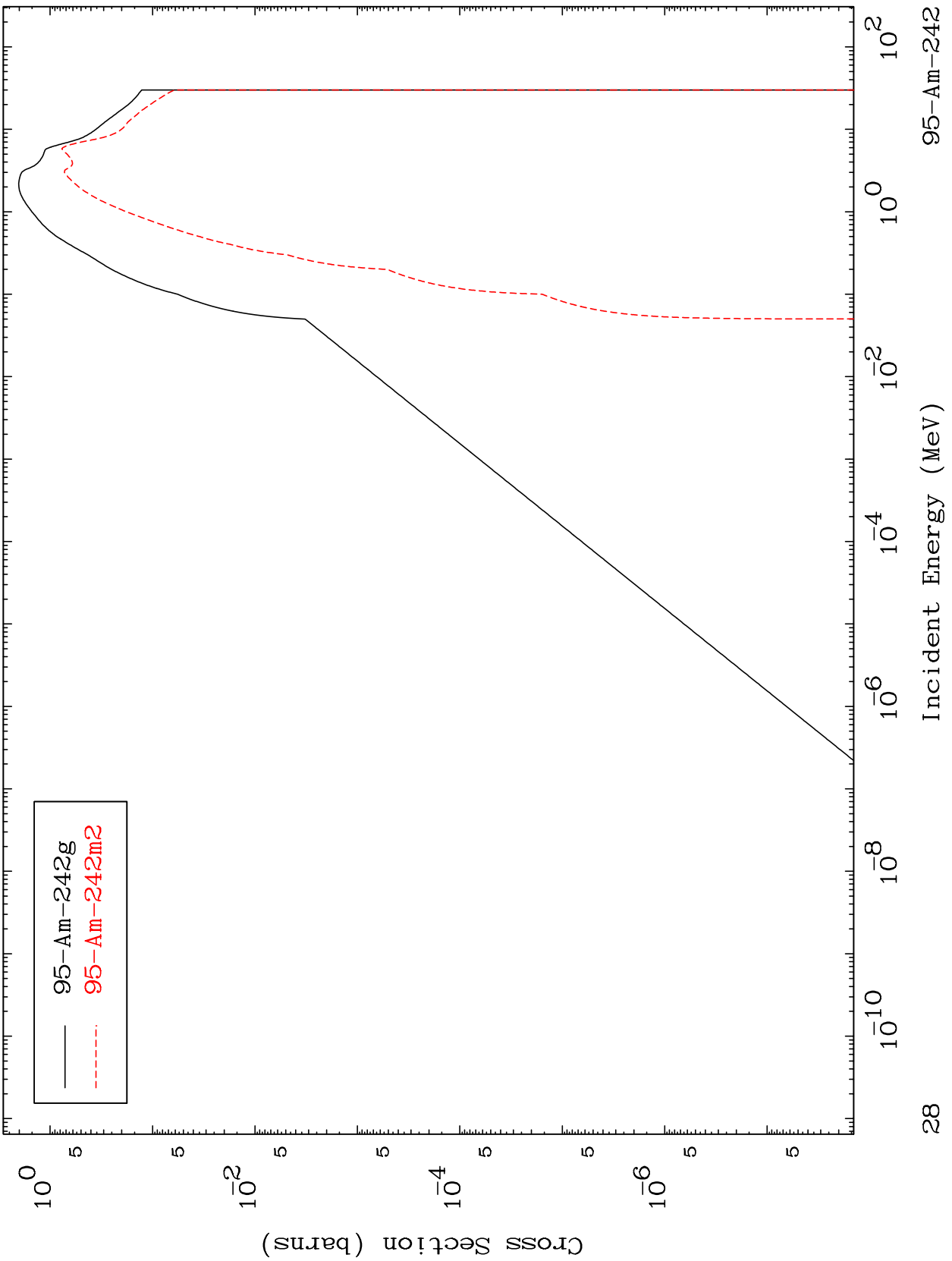
95-Am-242



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Inelastic
Radionuclide Production Cross Section

95-Am-242



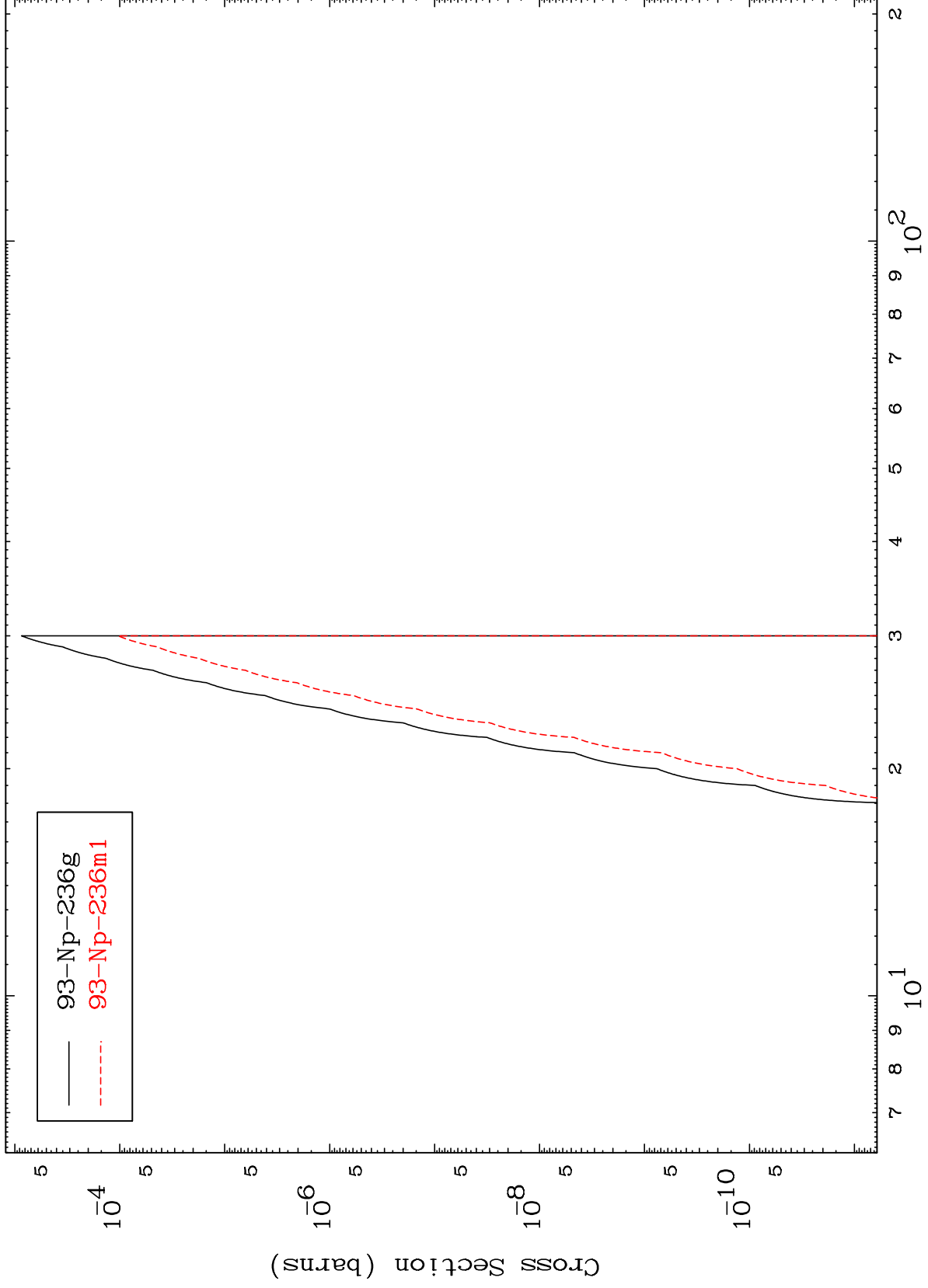
95-Am-242g
95-Am-242m2

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(n,3n) α

95-Am-242

Radionuclide Production Cross Section



29

Incident Energy (MeV)

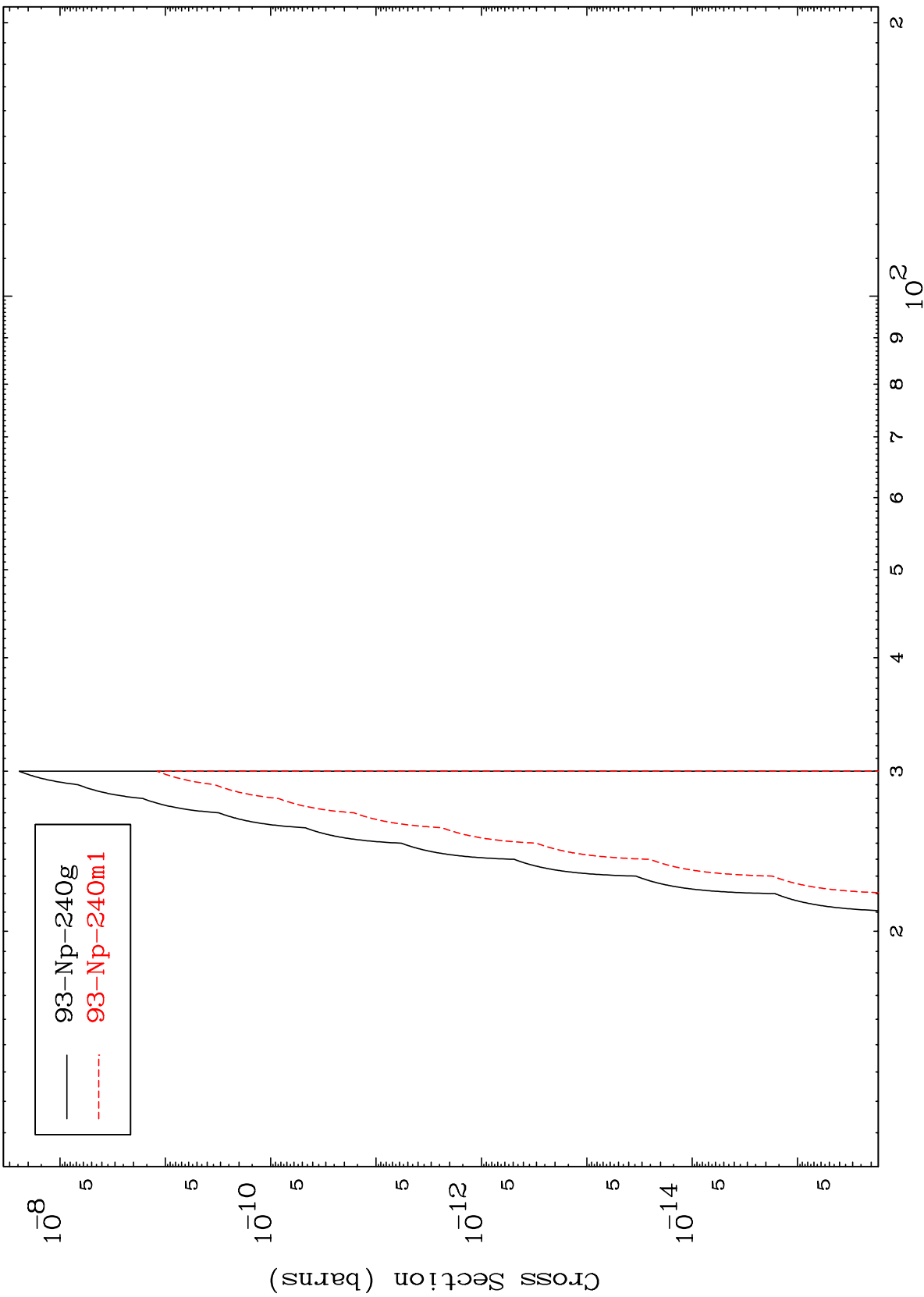
95-Am-242

MAT 9546

(n,2n) p

95-Am-242

Radionuclide Production Cross Section



93-Np-240g
93-Np-240m1

Incident Energy (MeV)

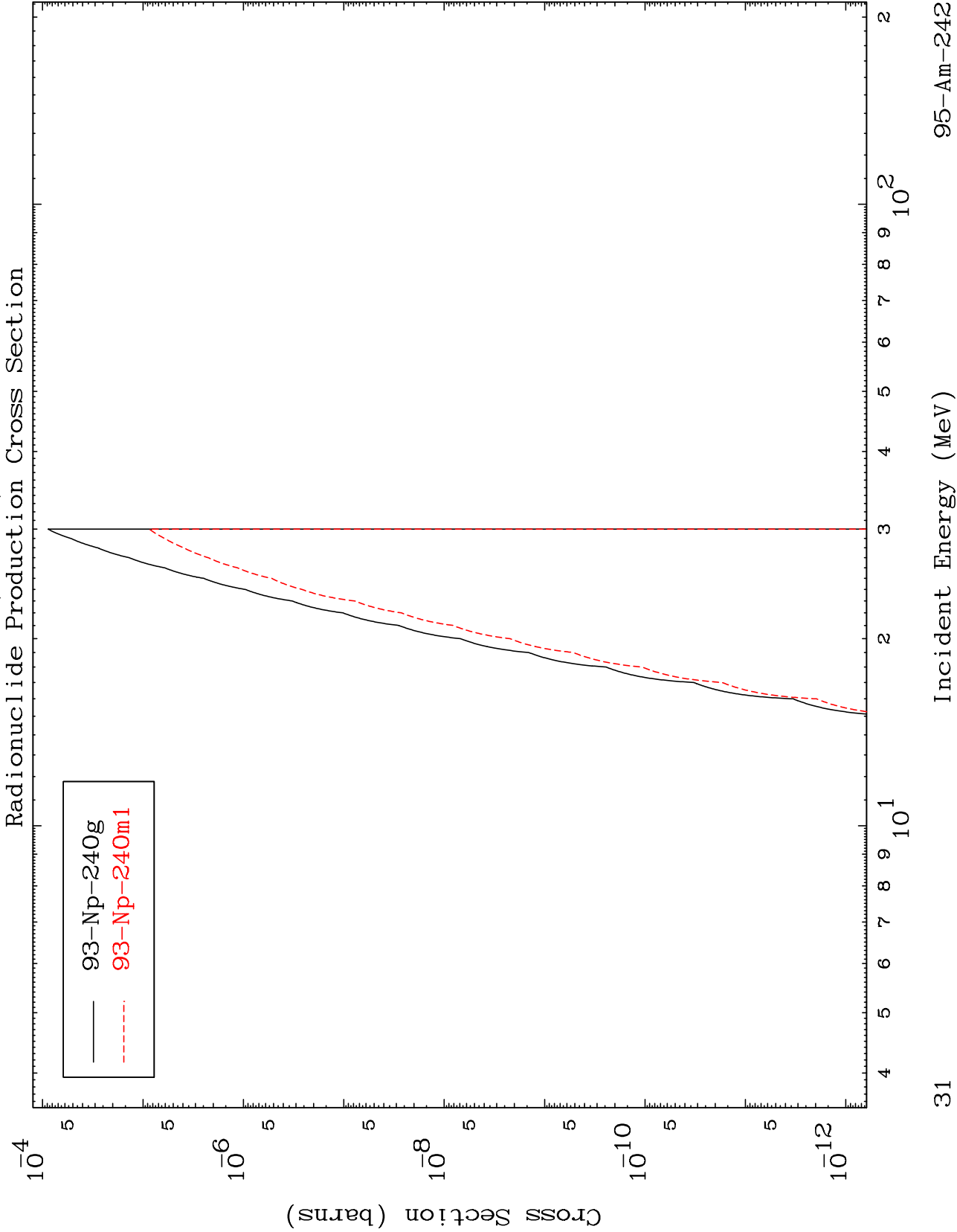
95-Am-242

30

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(n,He-3)

95-Am-242



31

Incident Energy (MeV)

95-Am-242