

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

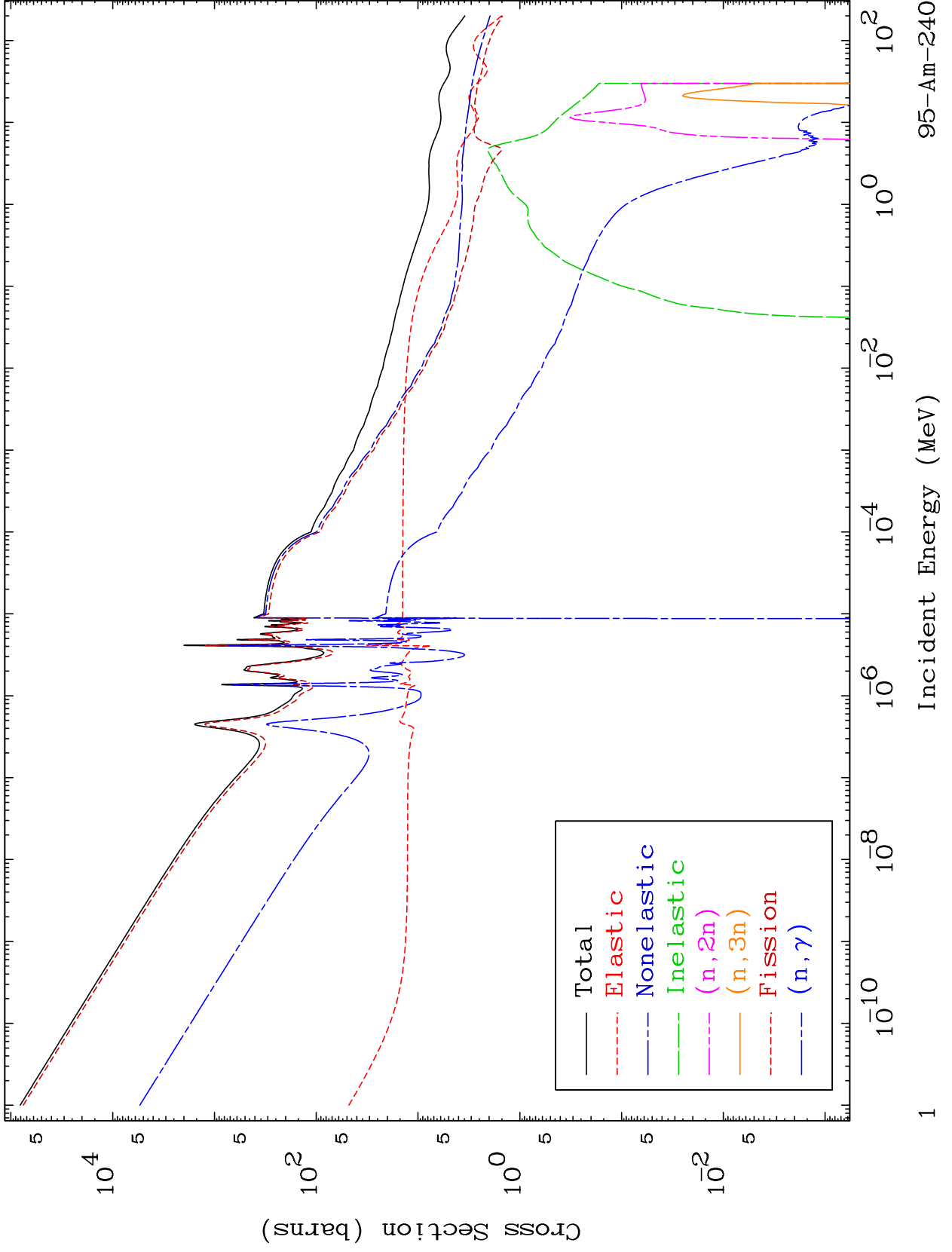
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9540

Neutron Major
293 Kelvin Cross Sections

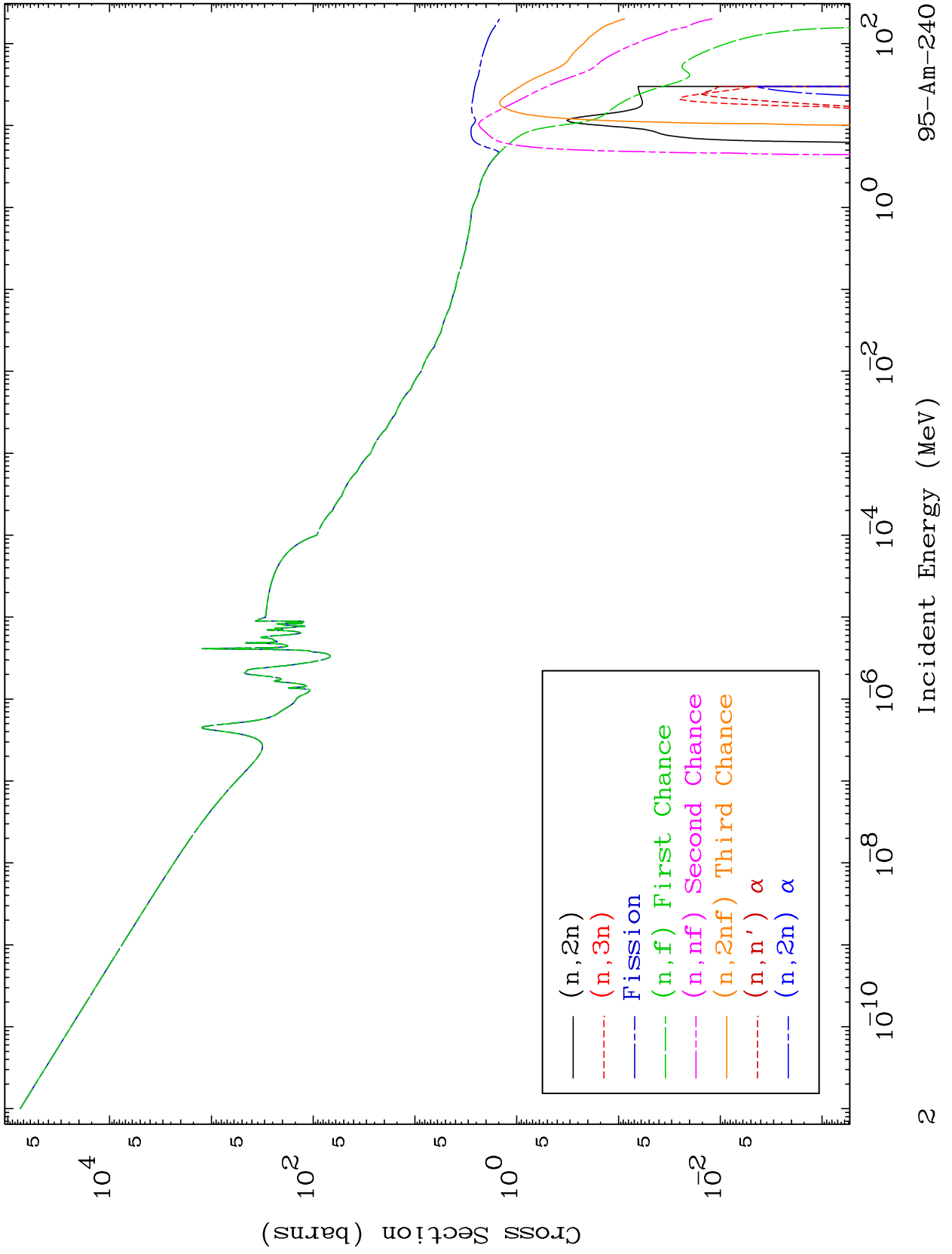
95-Am-240

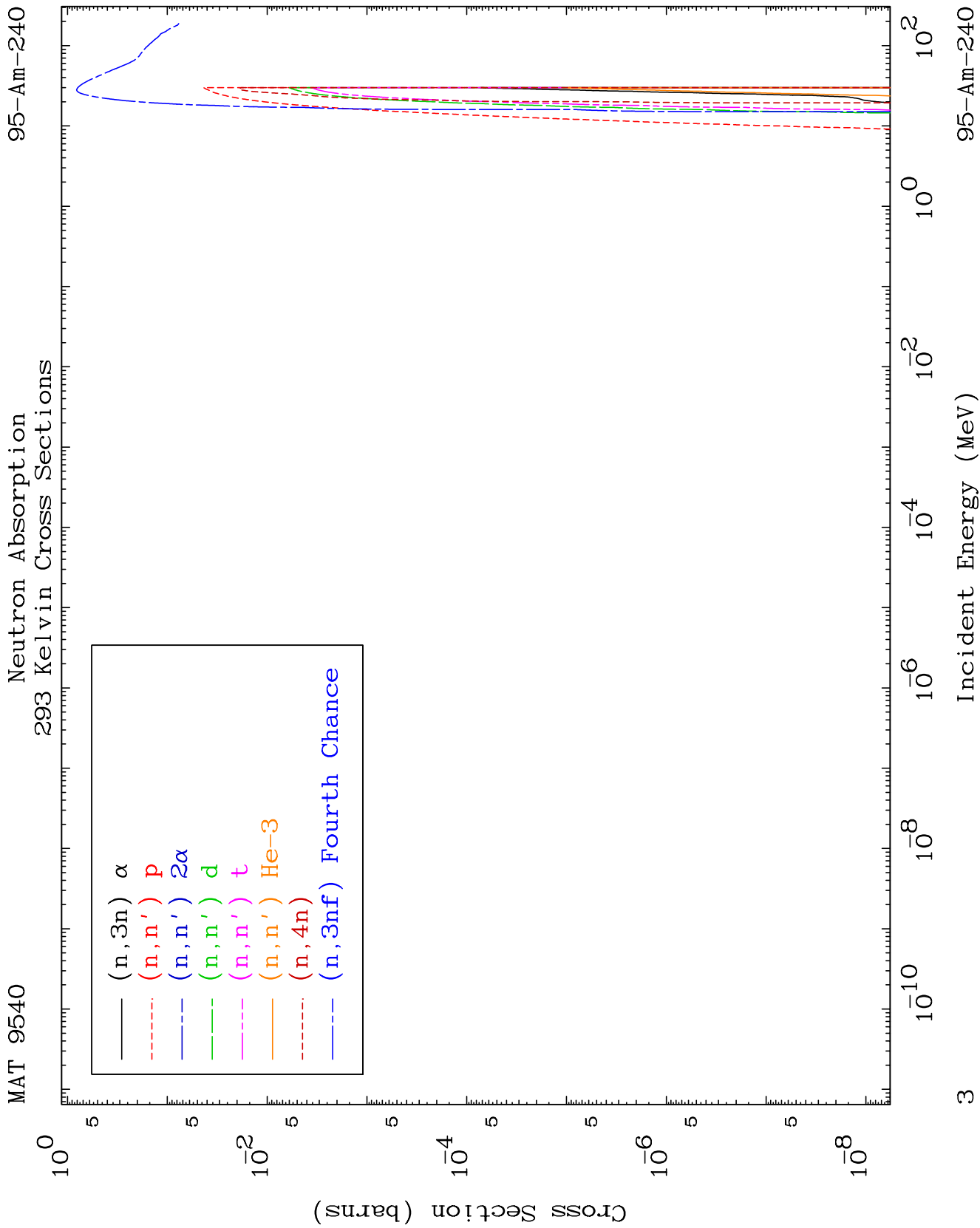


MAT 9540

Neutron Absorption
293 Kelvin Cross Sections

95-Am-240

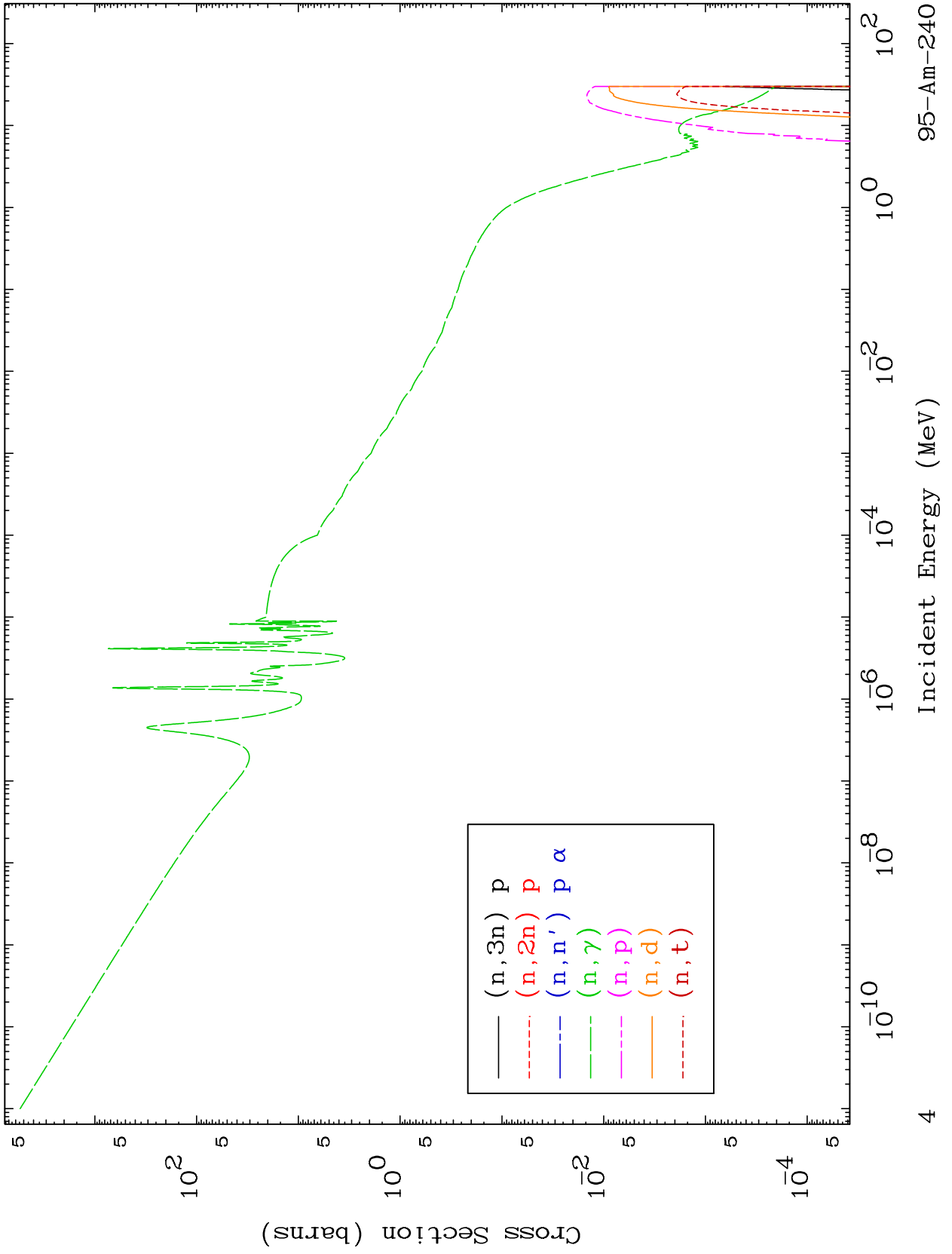




MAT 9540

Neutron Absorption
293 Kelvin Cross Sections

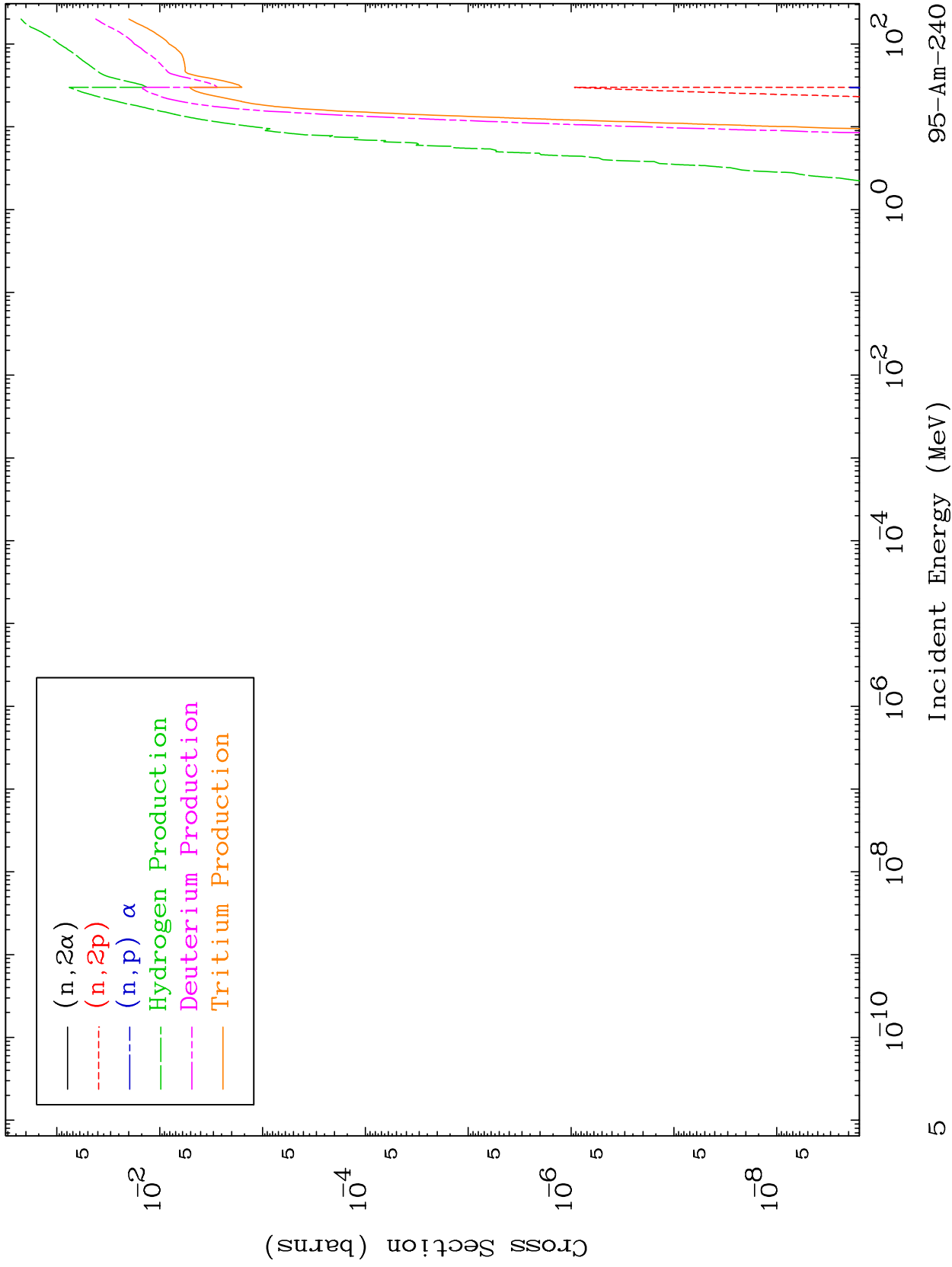
95-Am-240



MAT 9540

Neutron Absorption
293 Kelvin Cross Sections

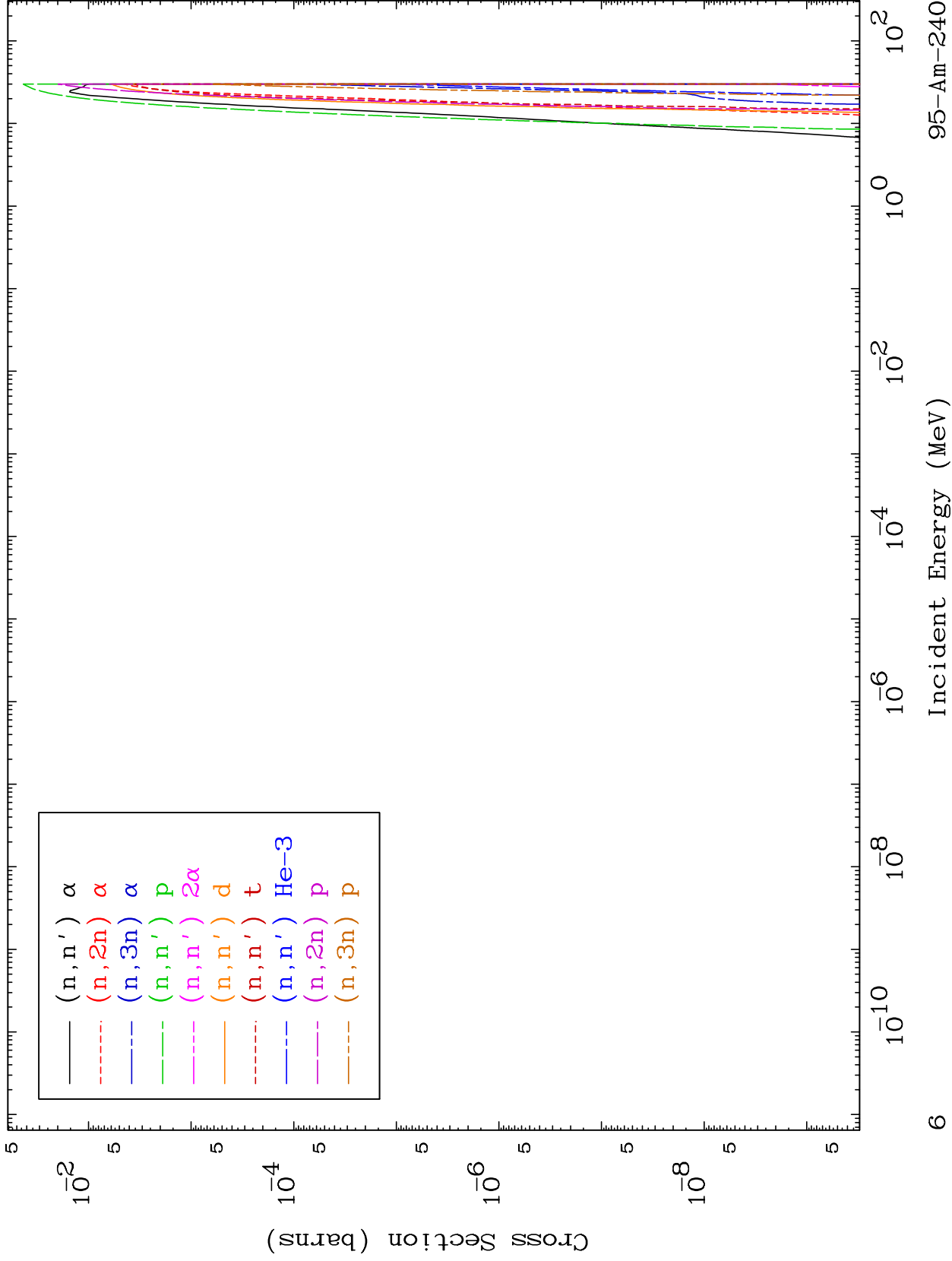
95-Am-240



MAT 9540

Charged Particle
293 Kelvin Cross Sections

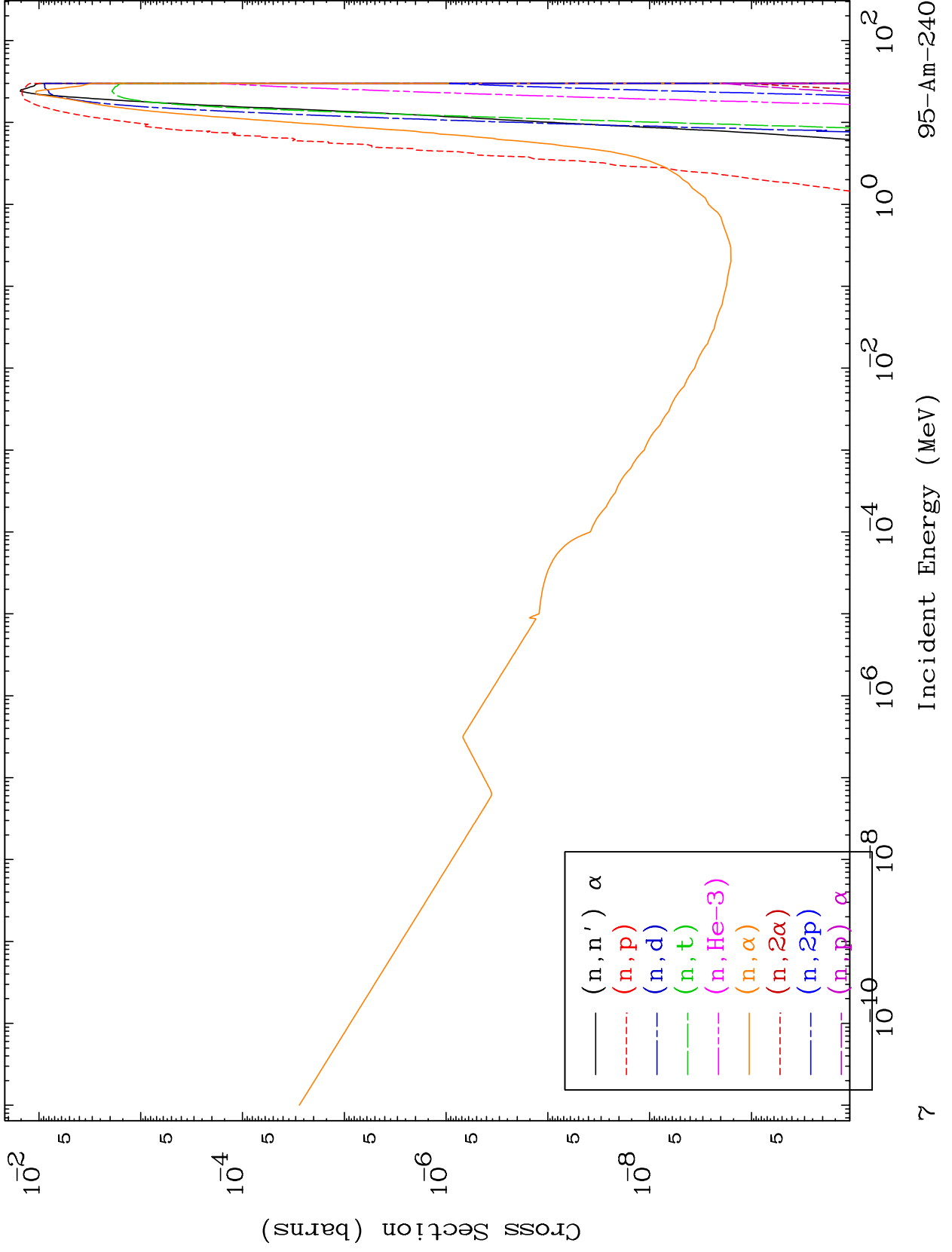
95-Am-240



MAT 9540

Charged Particle
293 Kelvin Cross Sections

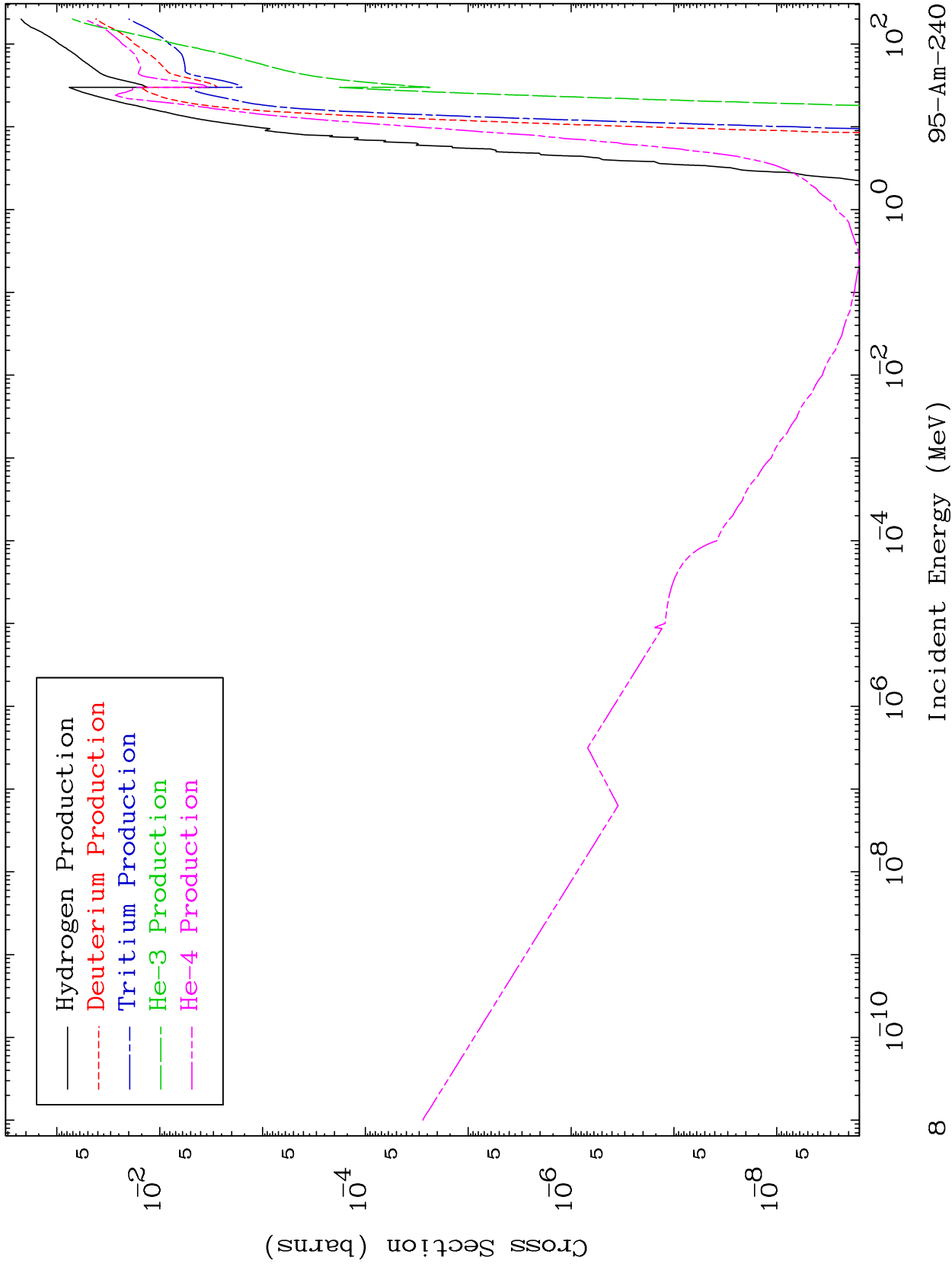
95-Am-240



MAT 9540

Particle Production
293 Kelvin Cross Sections

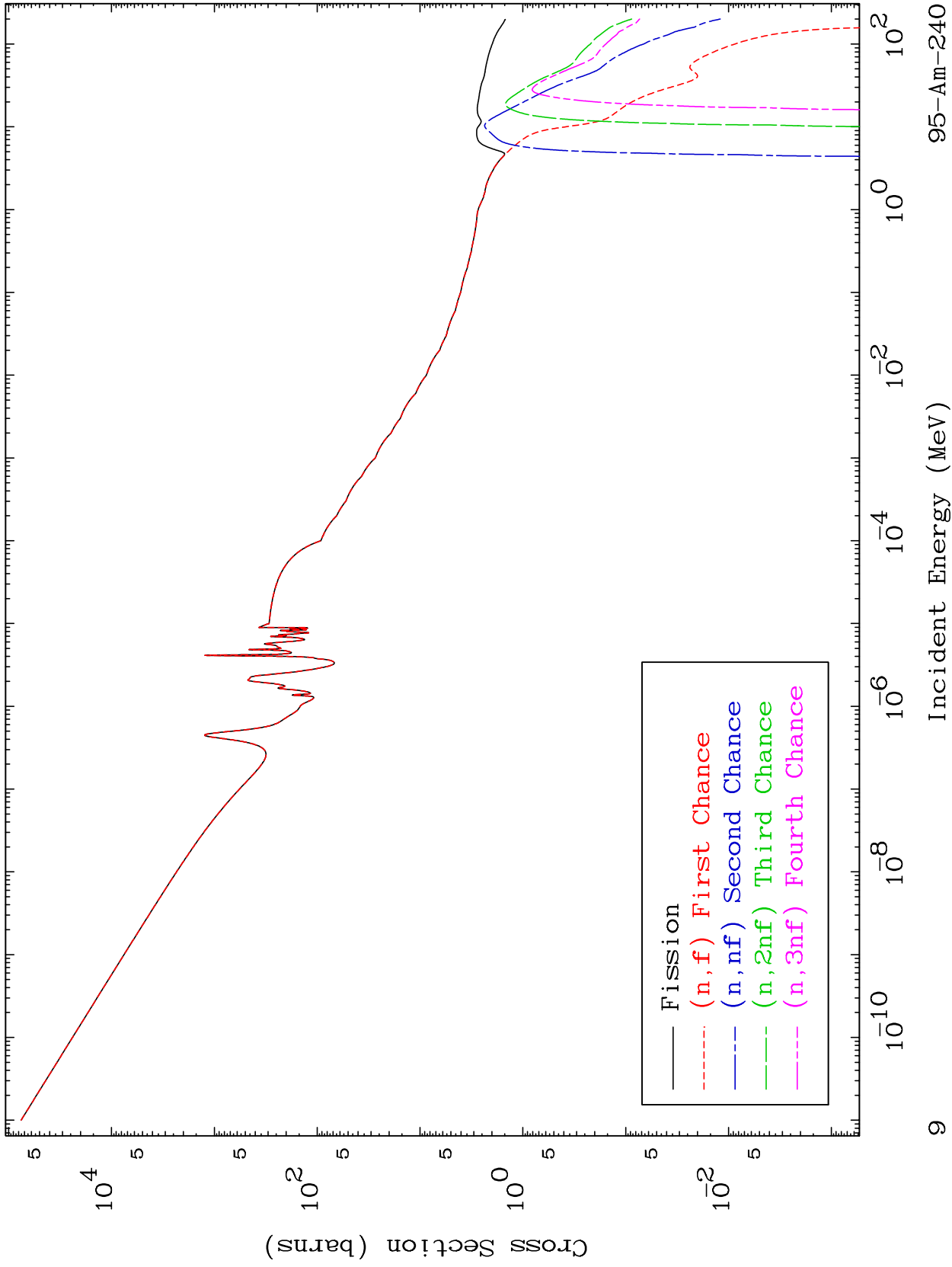
95-Am-240



MAT 9540

Fission
293 Kelvin Cross Sections

95-Am-240

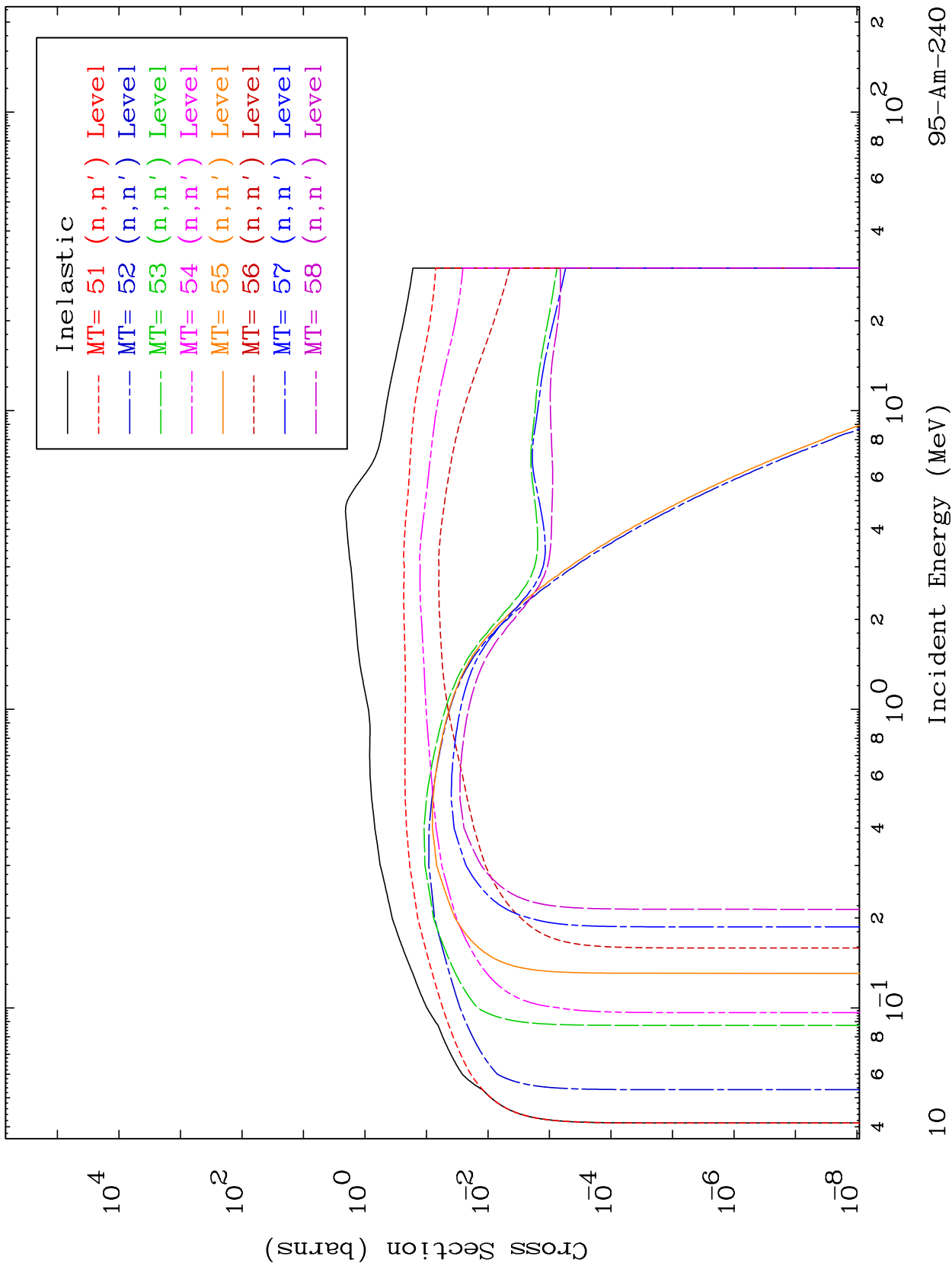


MAT 9540

(n,n') Levels

95-Am-240

293 Kelvin Cross Sections



10

Incident Energy (MeV)

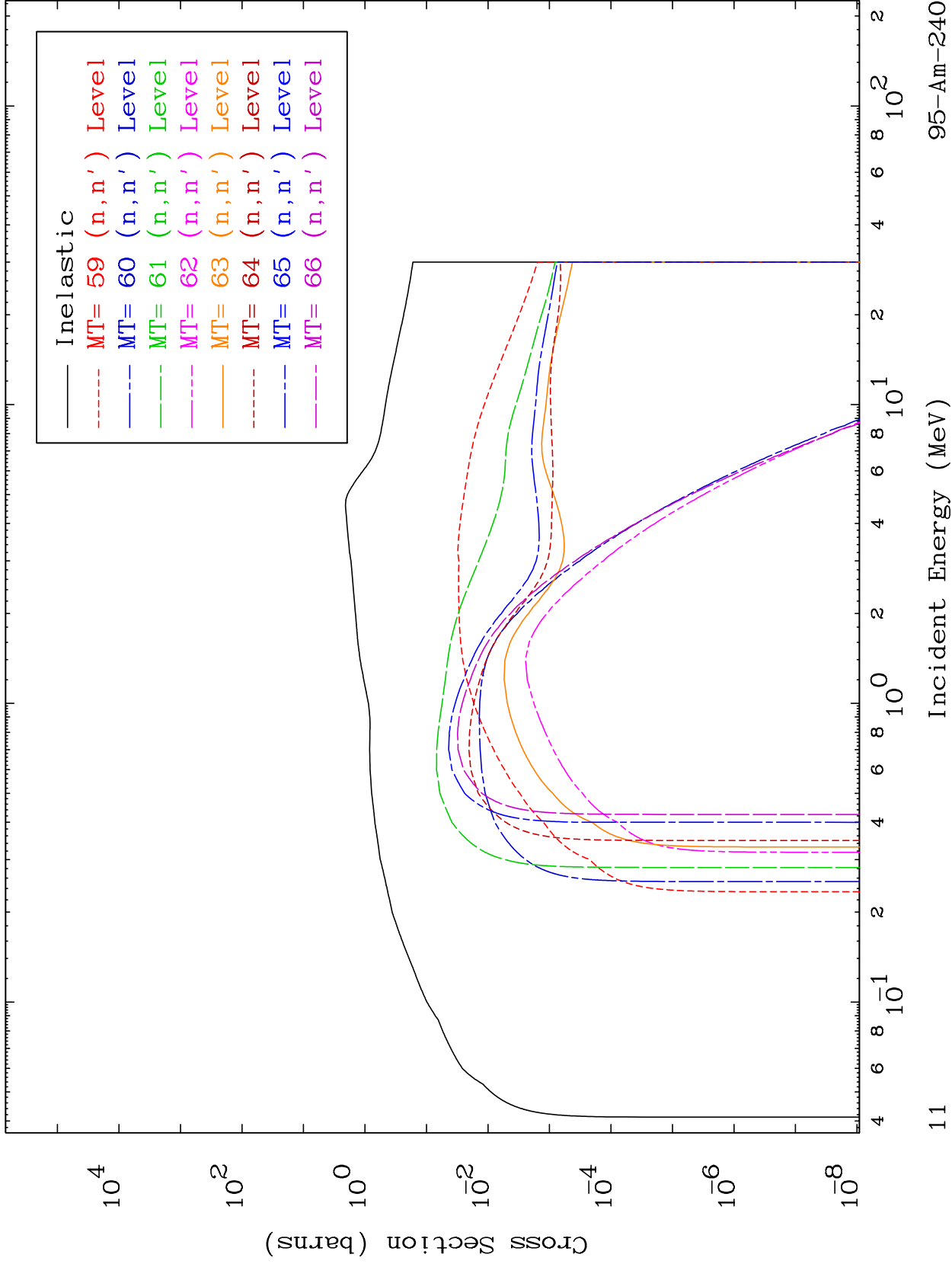
95-Am-240

MAT 9540

(n,n') Levels

293 Kelvin Cross Sections

95-Am-240

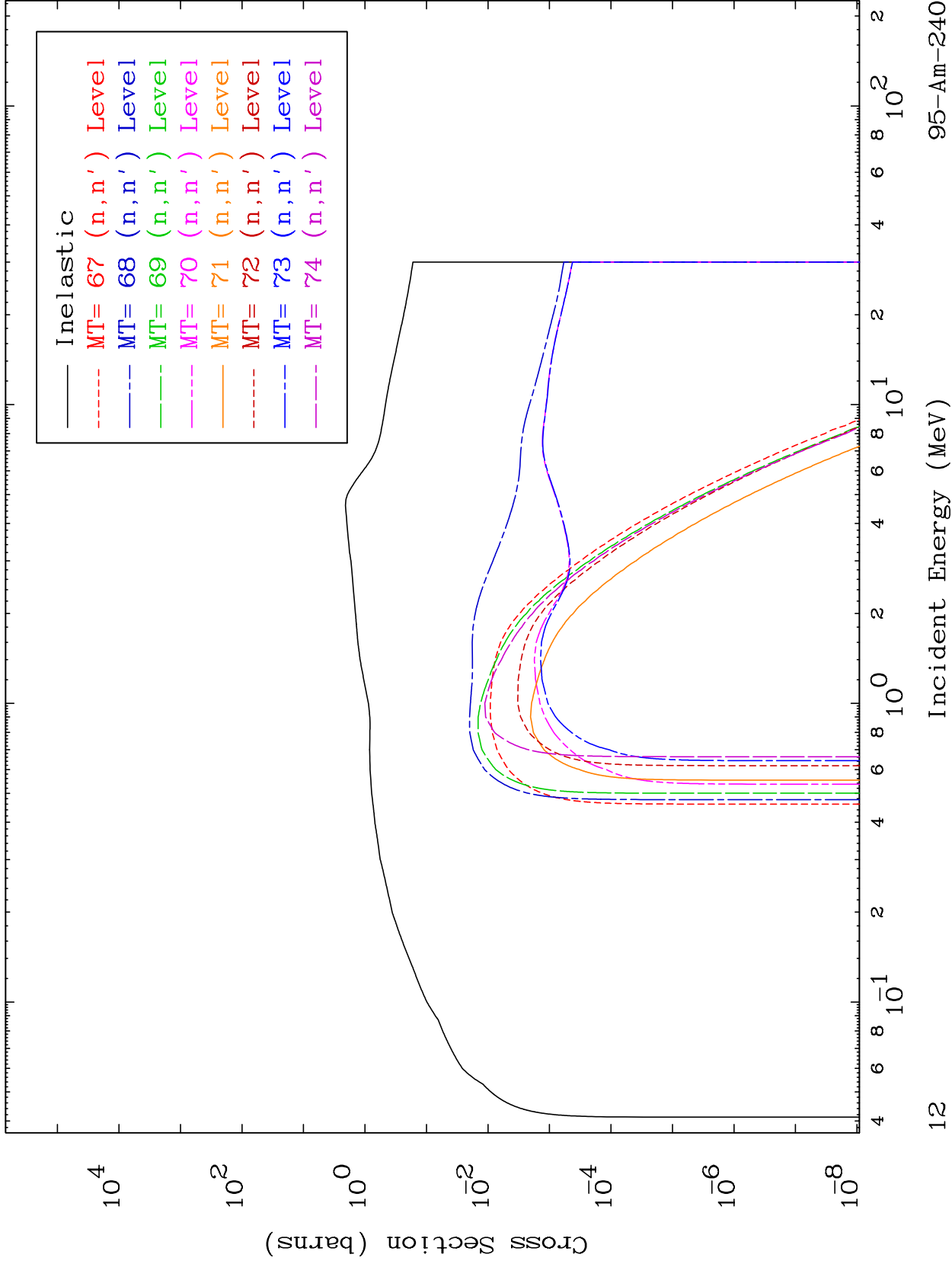


MAT 9540

(n,n') Levels

293 Kelvin Cross Sections

95-Am-240

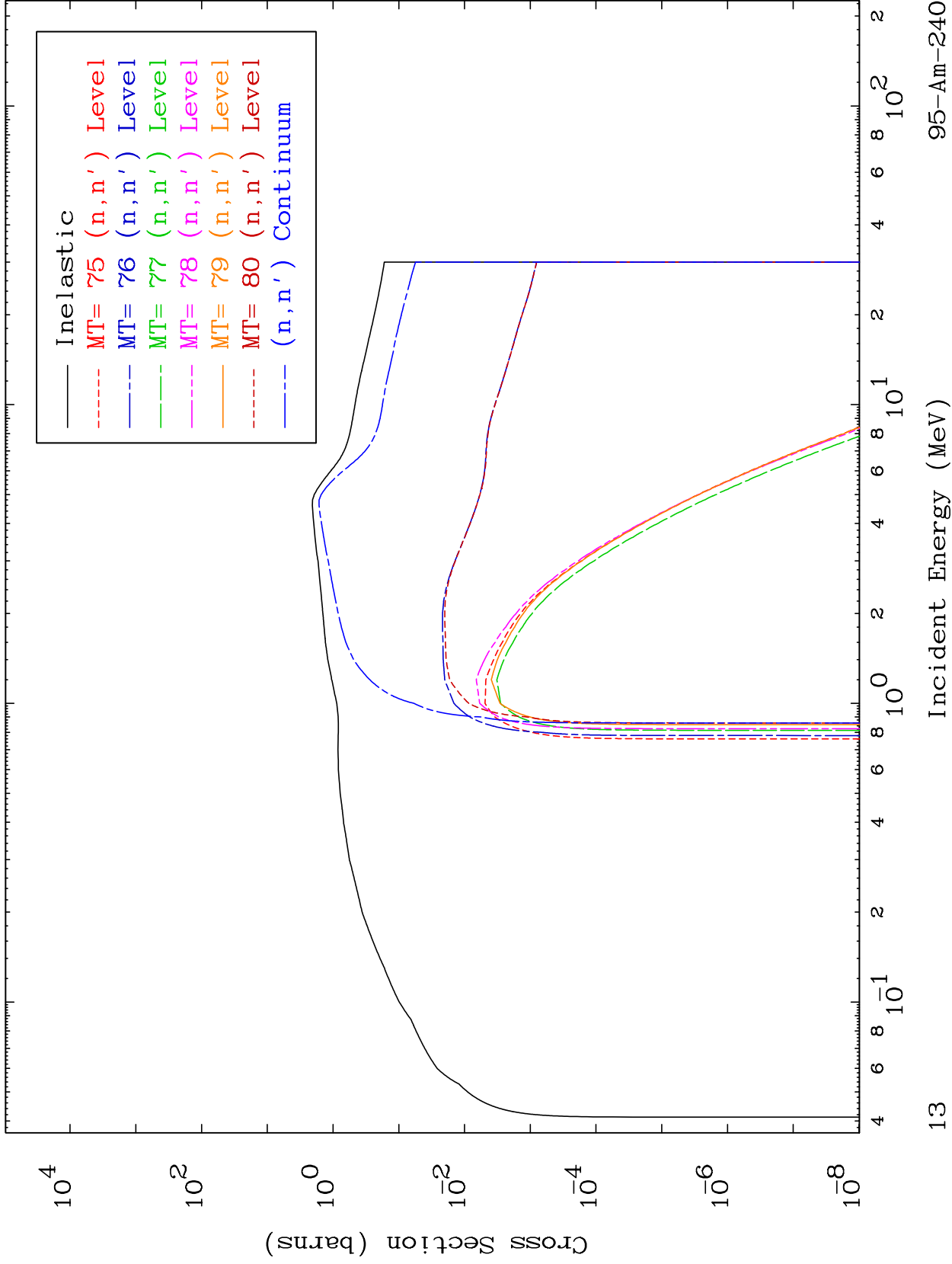


MAT 9540

(n,n') Levels

293 Kelvin Cross Sections

95-Am-240



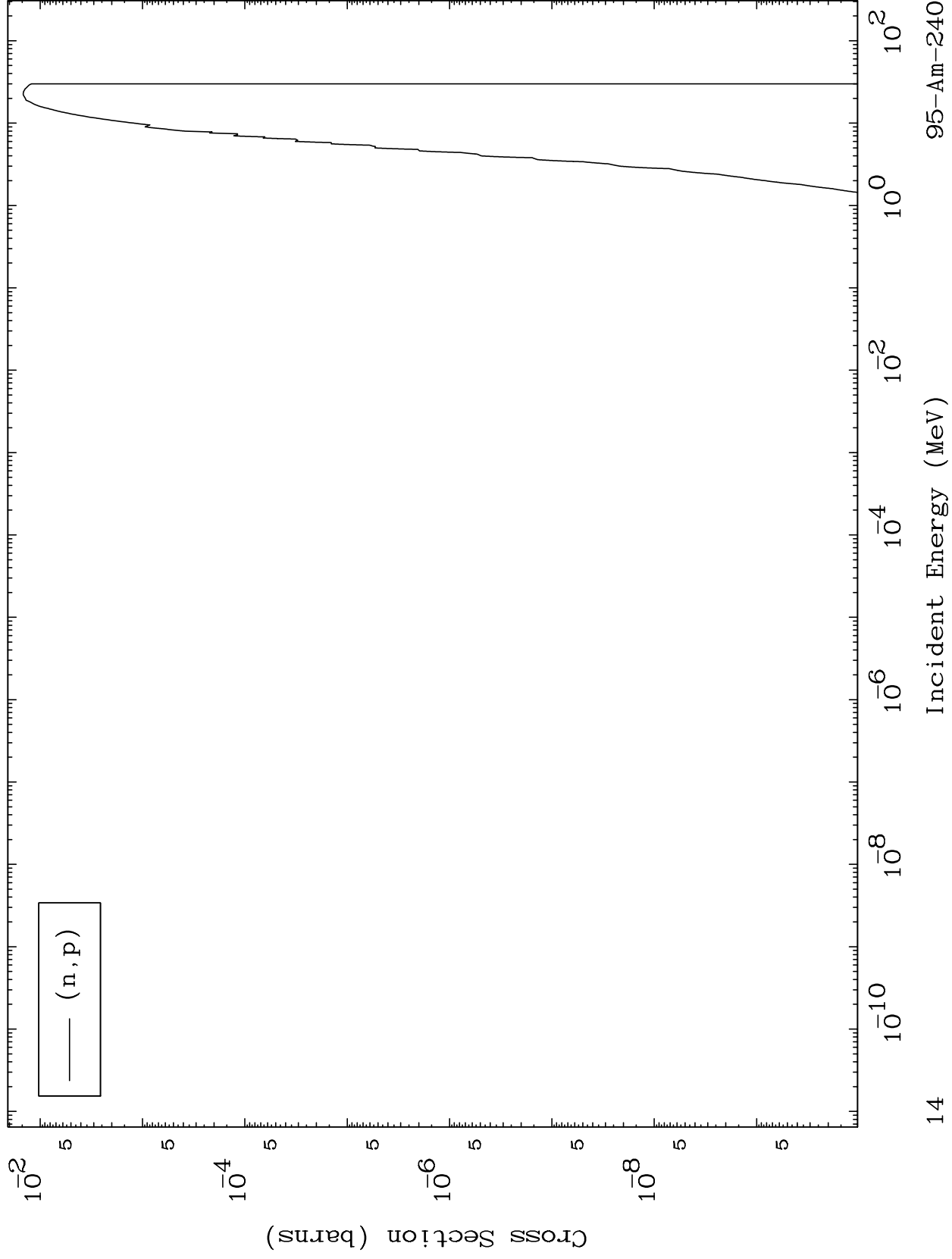
13

95-Am-240

MAT 9540

(n,p) Levels
293 Kelvin Cross Sections

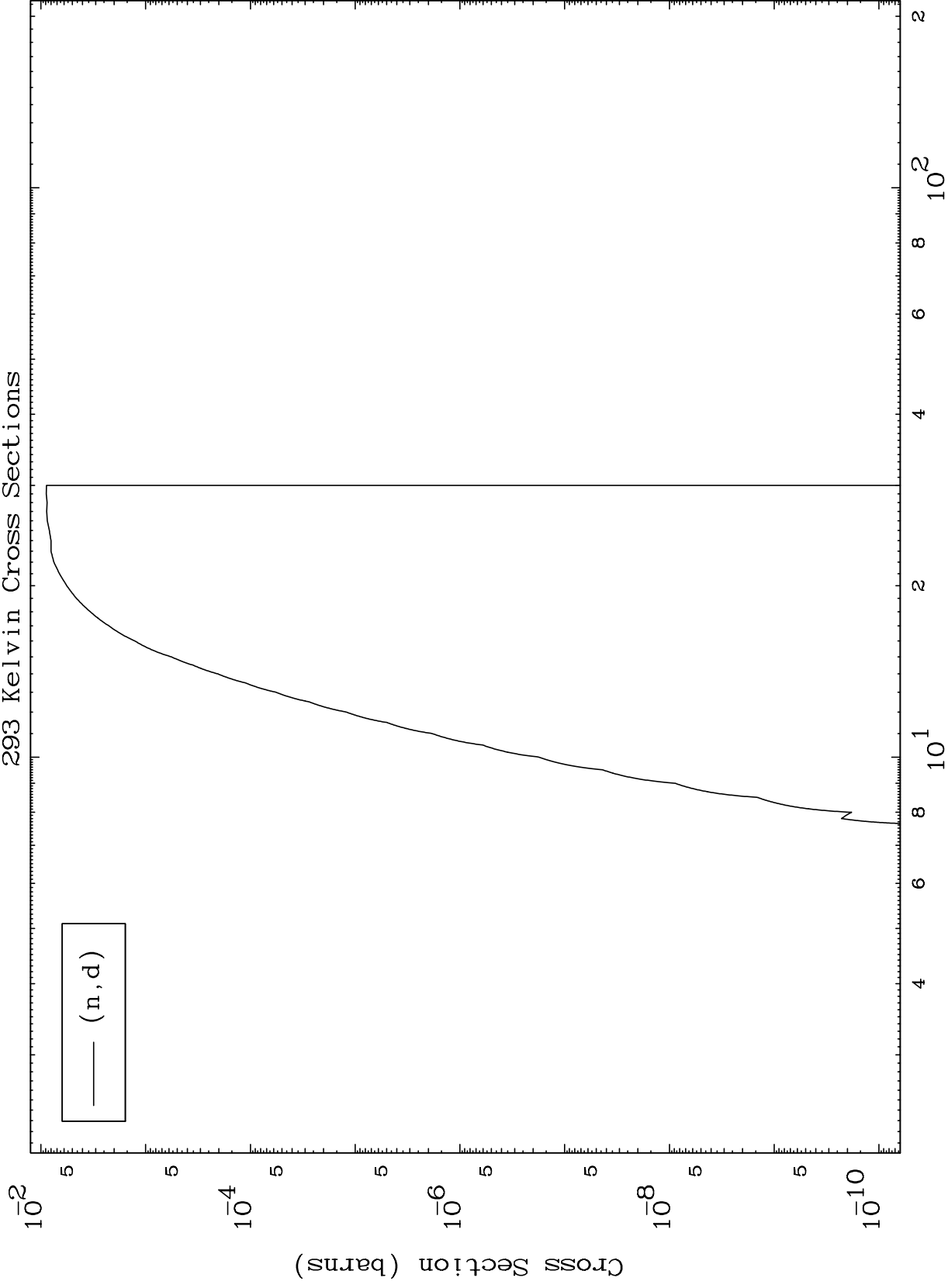
95-Am-240



MAT 9540

(n,d) Levels
293 Kelvin Cross Sections

95-Am-240



15

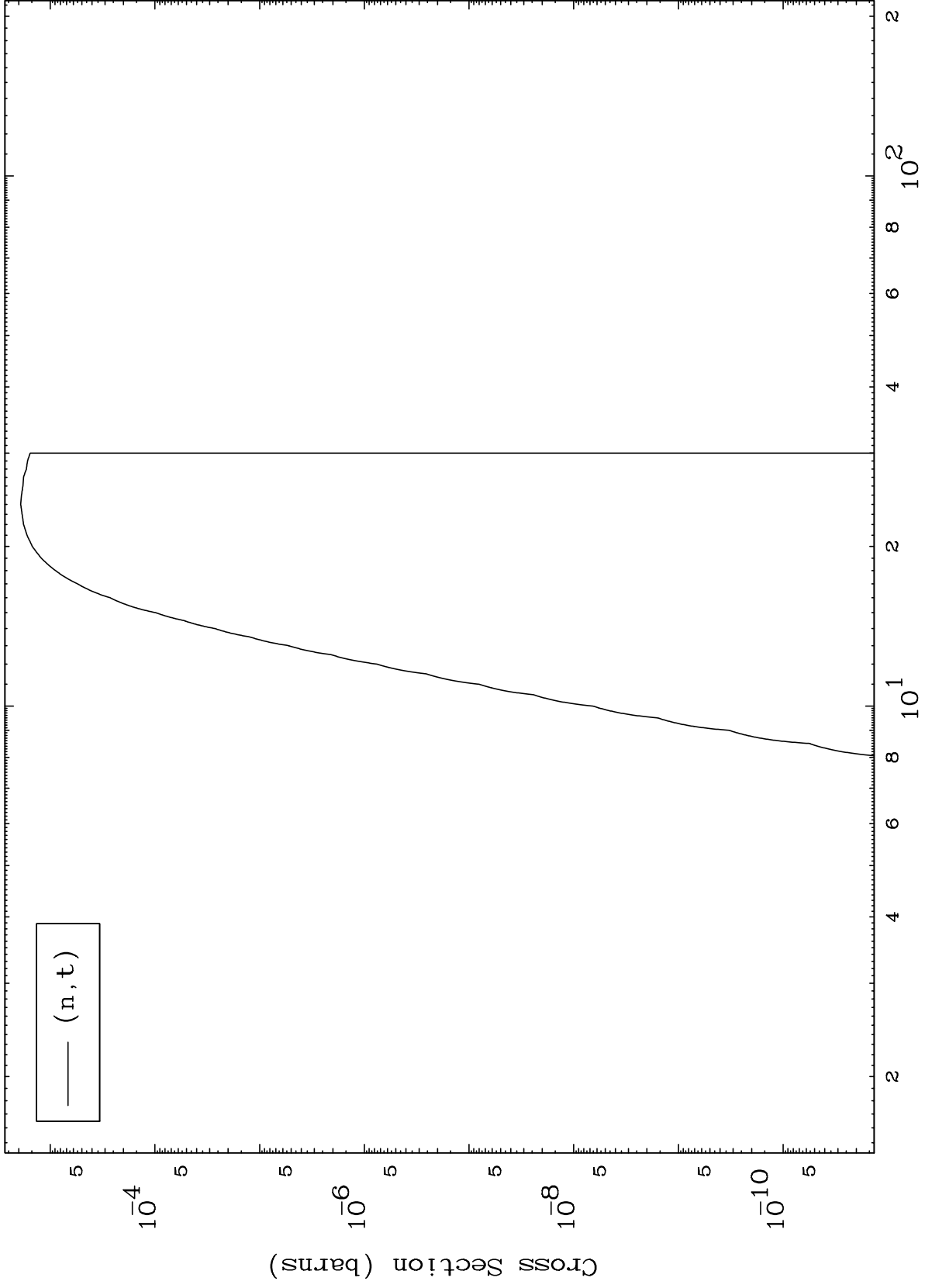
Incident Energy (MeV)

95-Am-240

MAT 9540

(n,t) Levels
293 Kelvin Cross Sections

95-Am-240



16

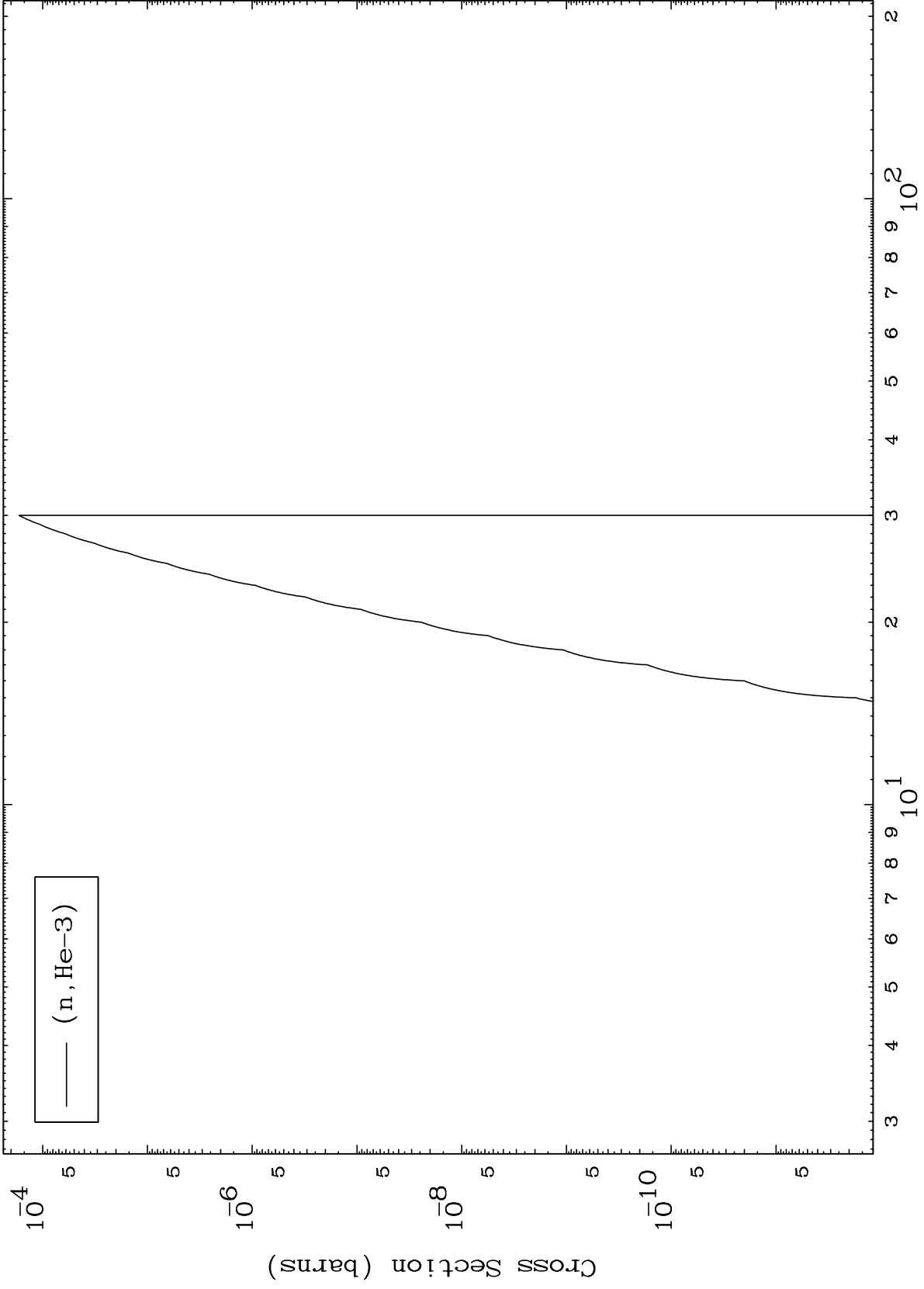
Incident Energy (MeV)

95-Am-240

MAT 9540

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-240



17

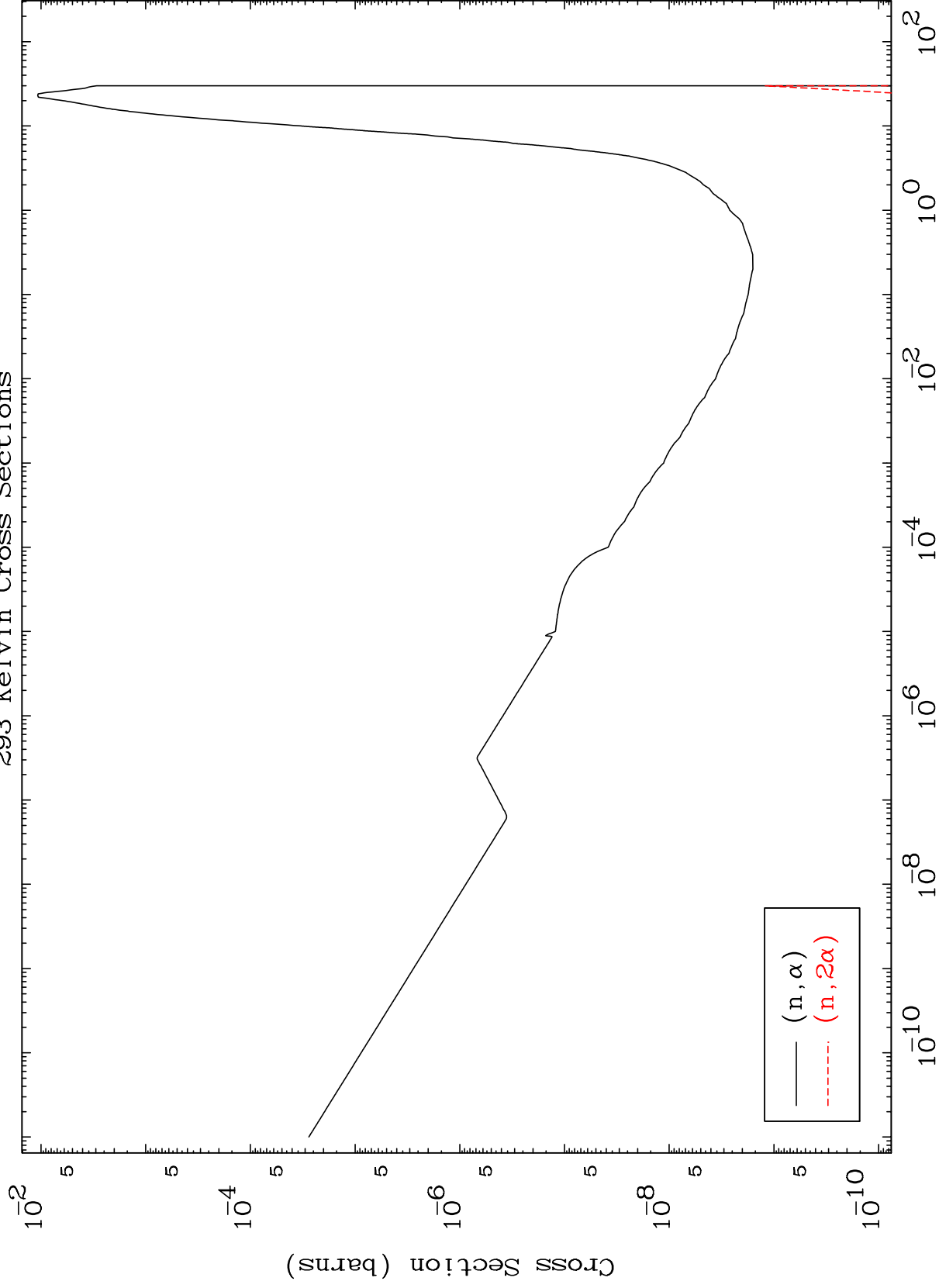
Incident Energy (MeV)

95-Am-240

MAT 9540

(n,α) Levels
293 Kelvin Cross Sections

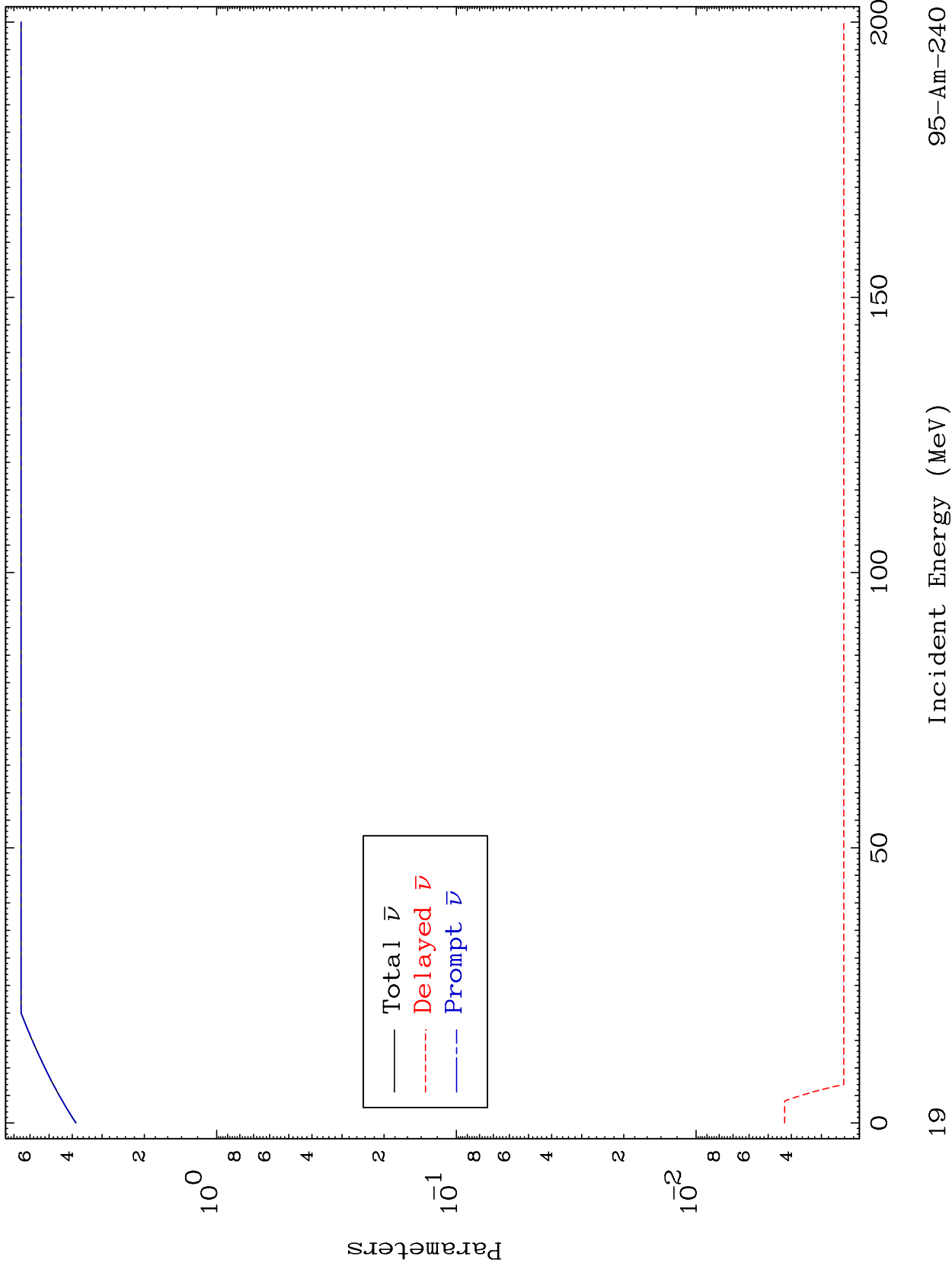
95-Am-240



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Energy Release
Parameters

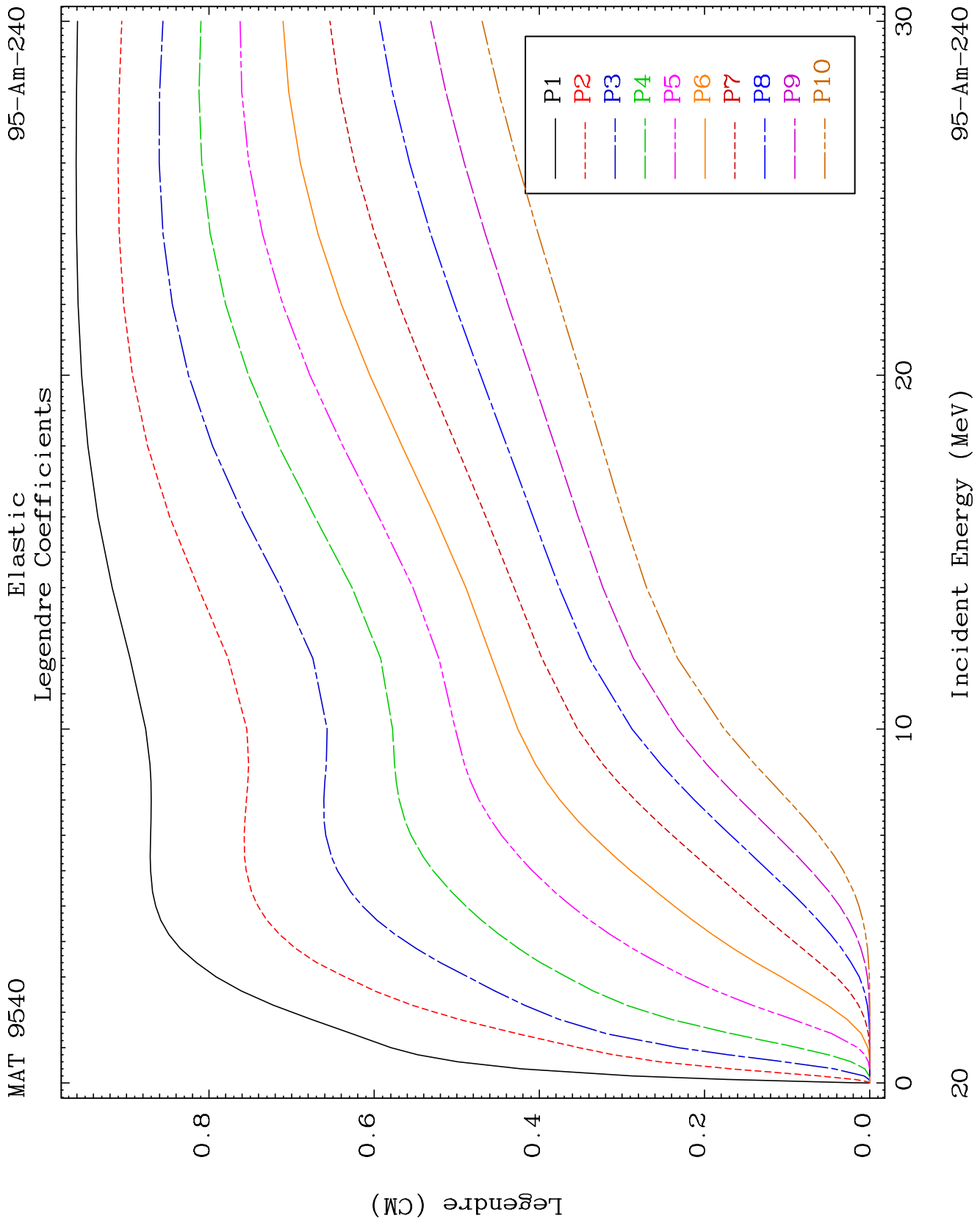
95-Am-240



19

Incident Energy (MeV)

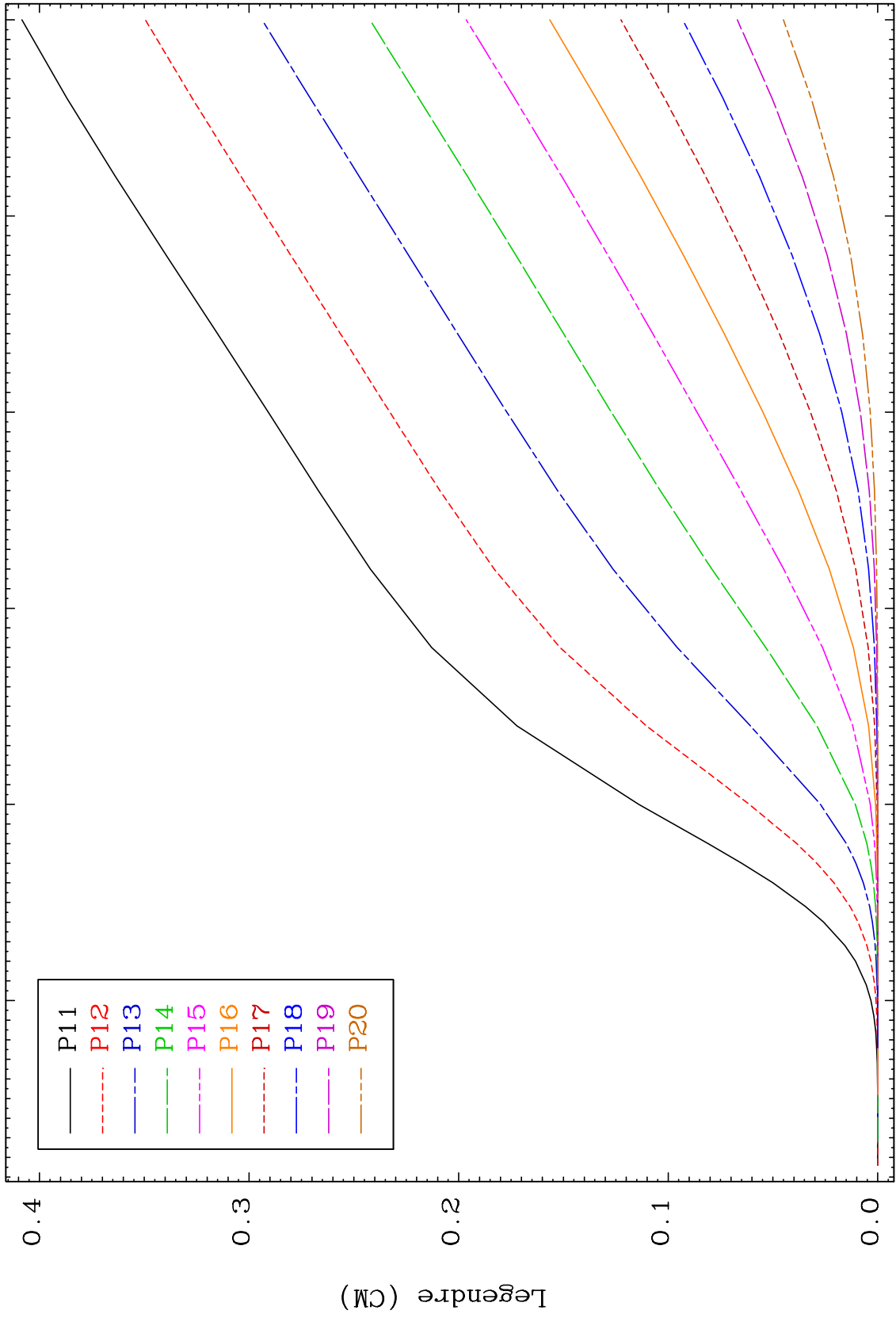
95-Am-240



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Elastic Legendre Coefficients

95-Am-240



21

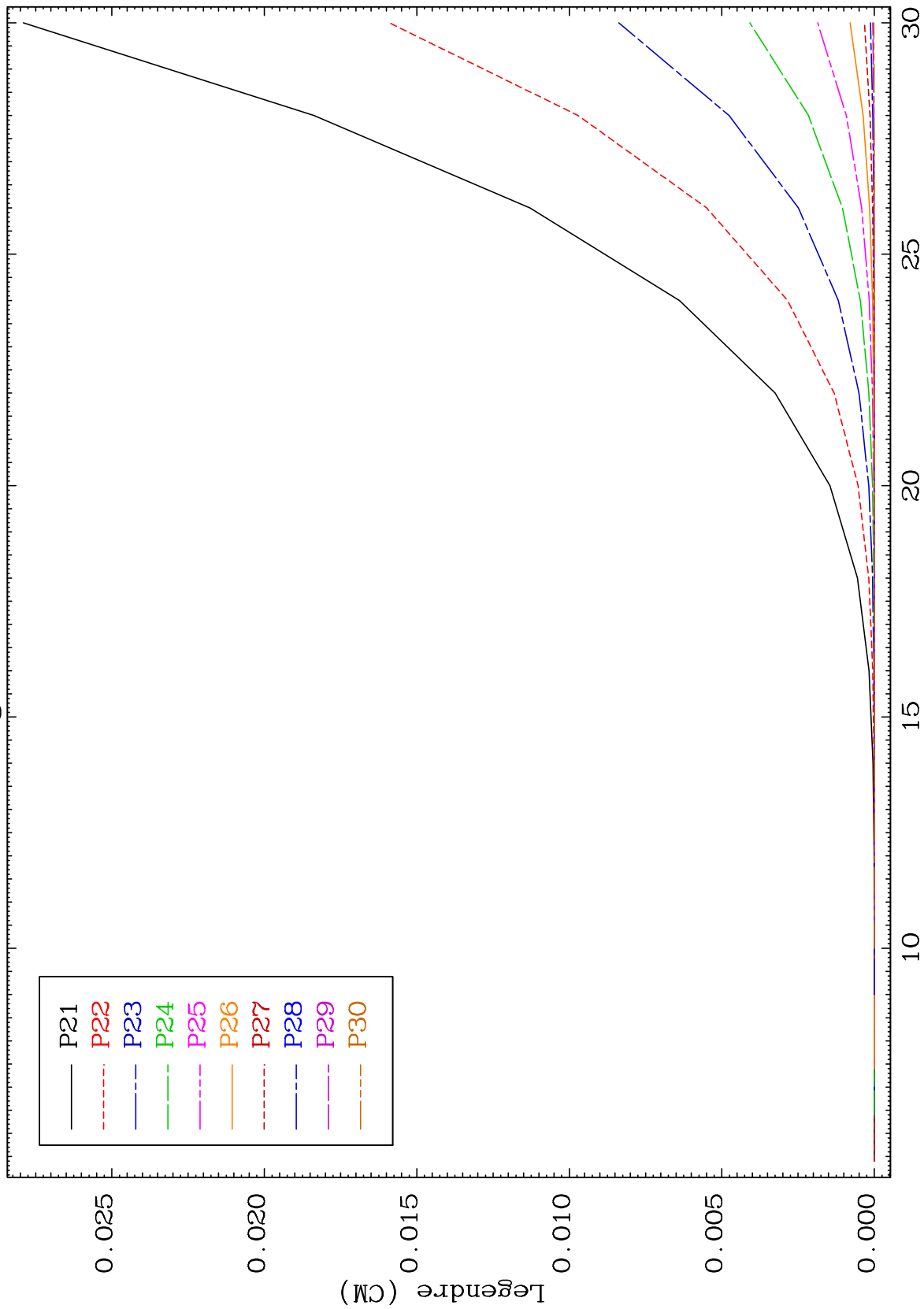
Incident Energy (MeV)

95-Am-240

MAT 9540

Elastic Legendre Coefficients

95-Am-240



22

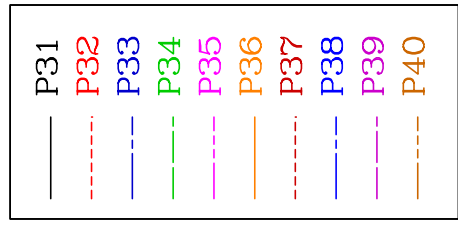
Incident Energy (MeV)

95-Am-240

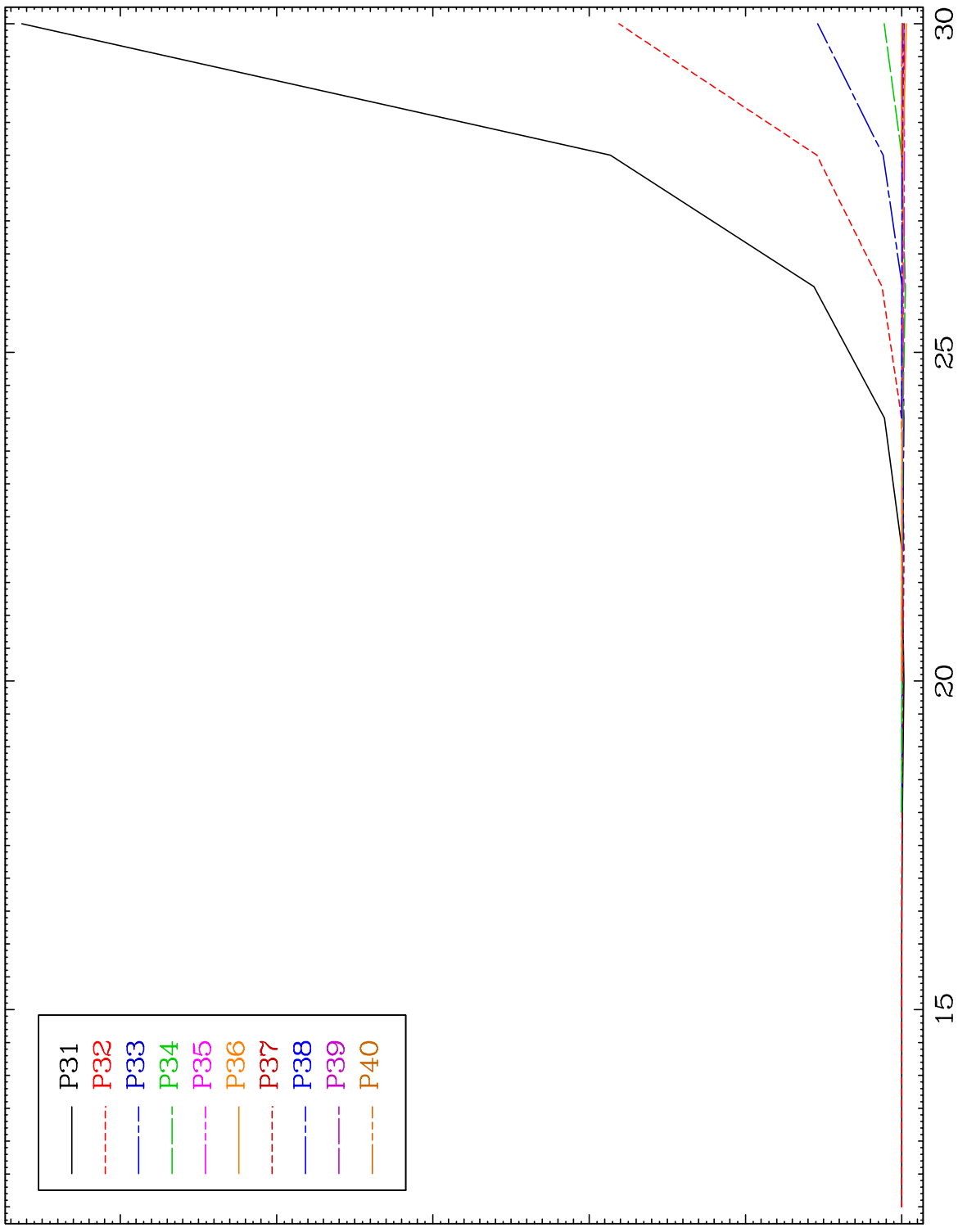
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Elastic
Legendre Coefficients

95-Am-240



Legendre (CM)
 $\times 10^{-6}$



23

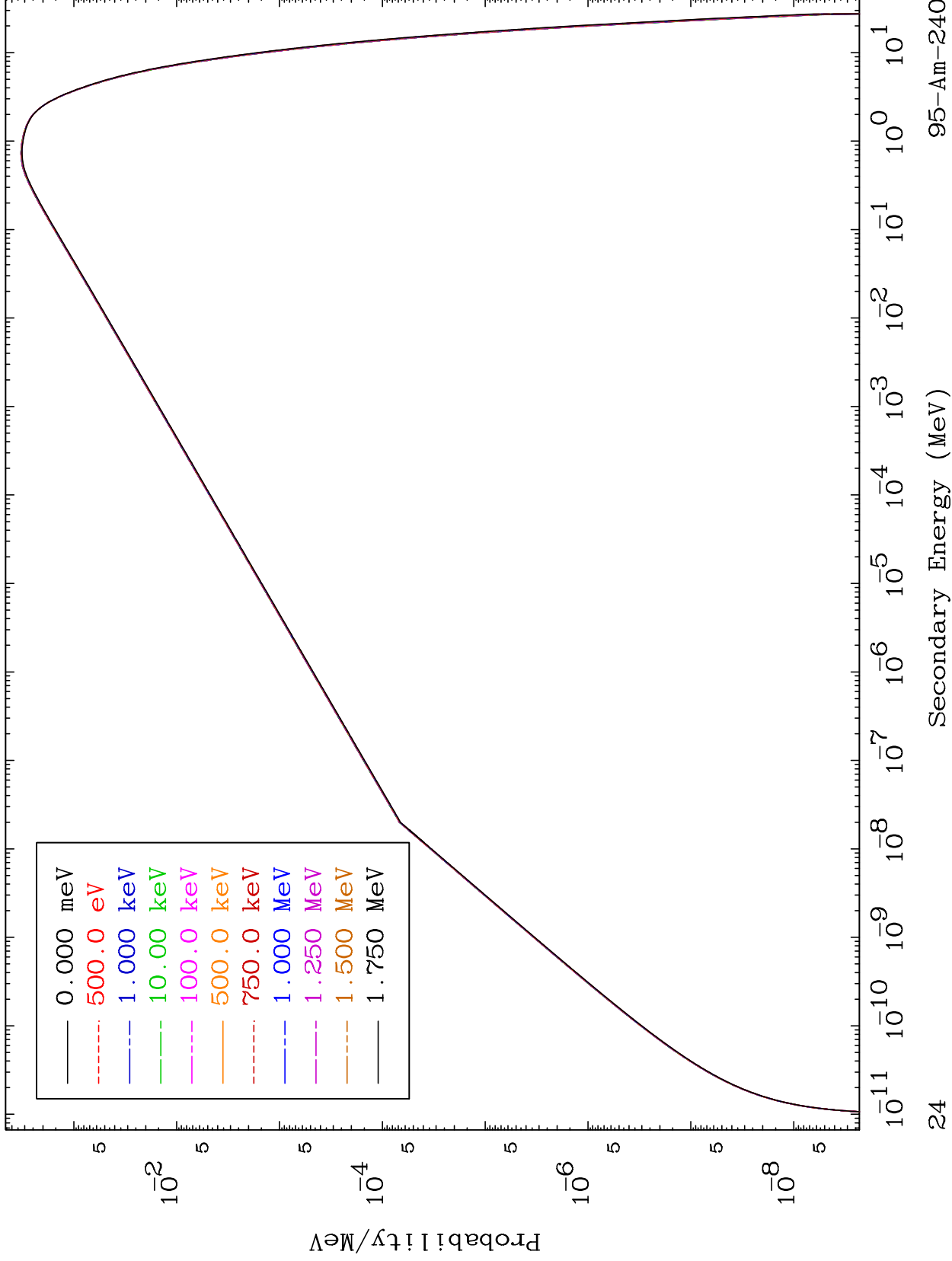
Incident Energy (MeV)

95-Am-240

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Fission Energy Distributions

95-Am-240



95-Am-240

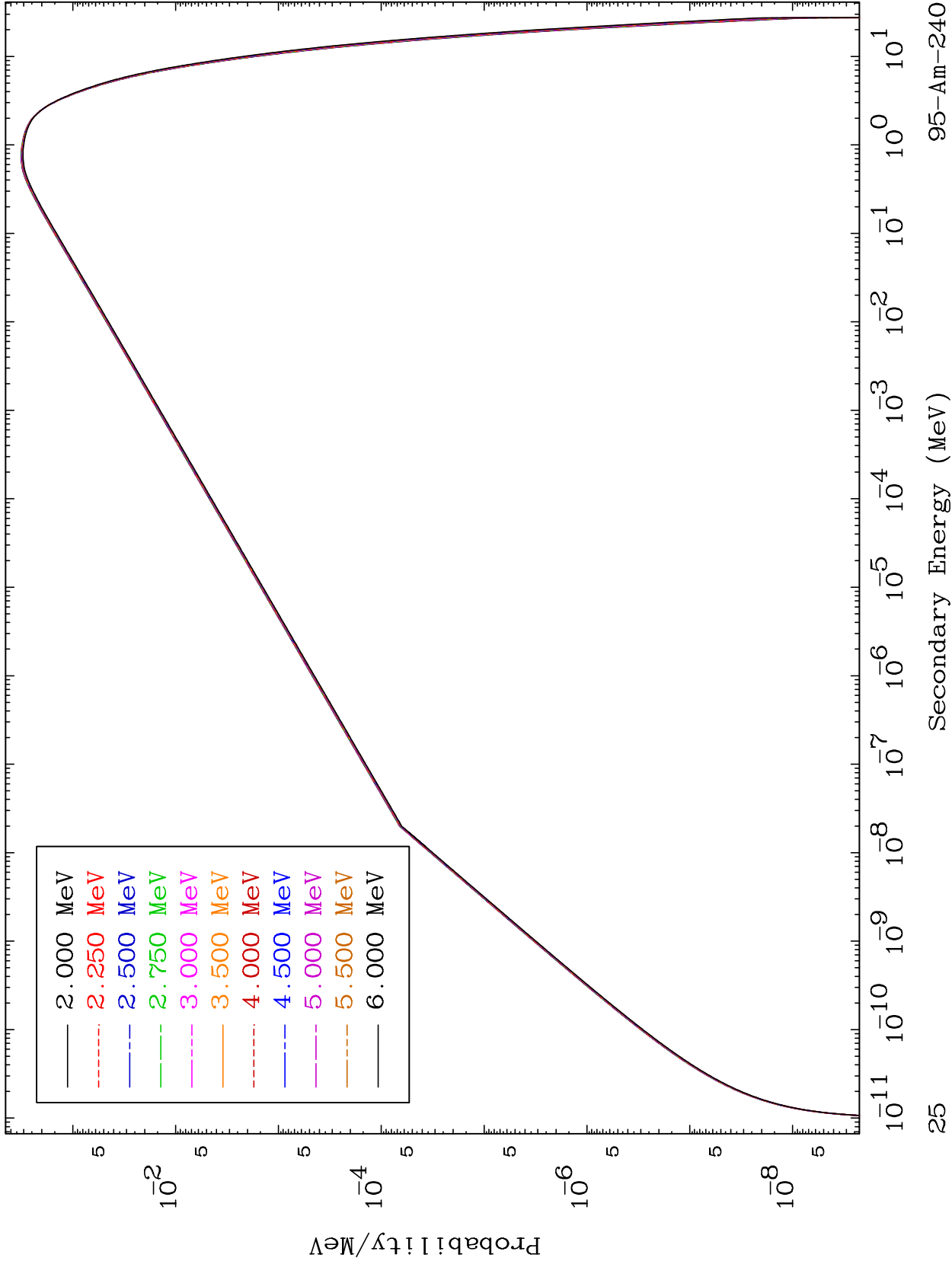
Secondary Energy (MeV)

24

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Fission Energy Distributions

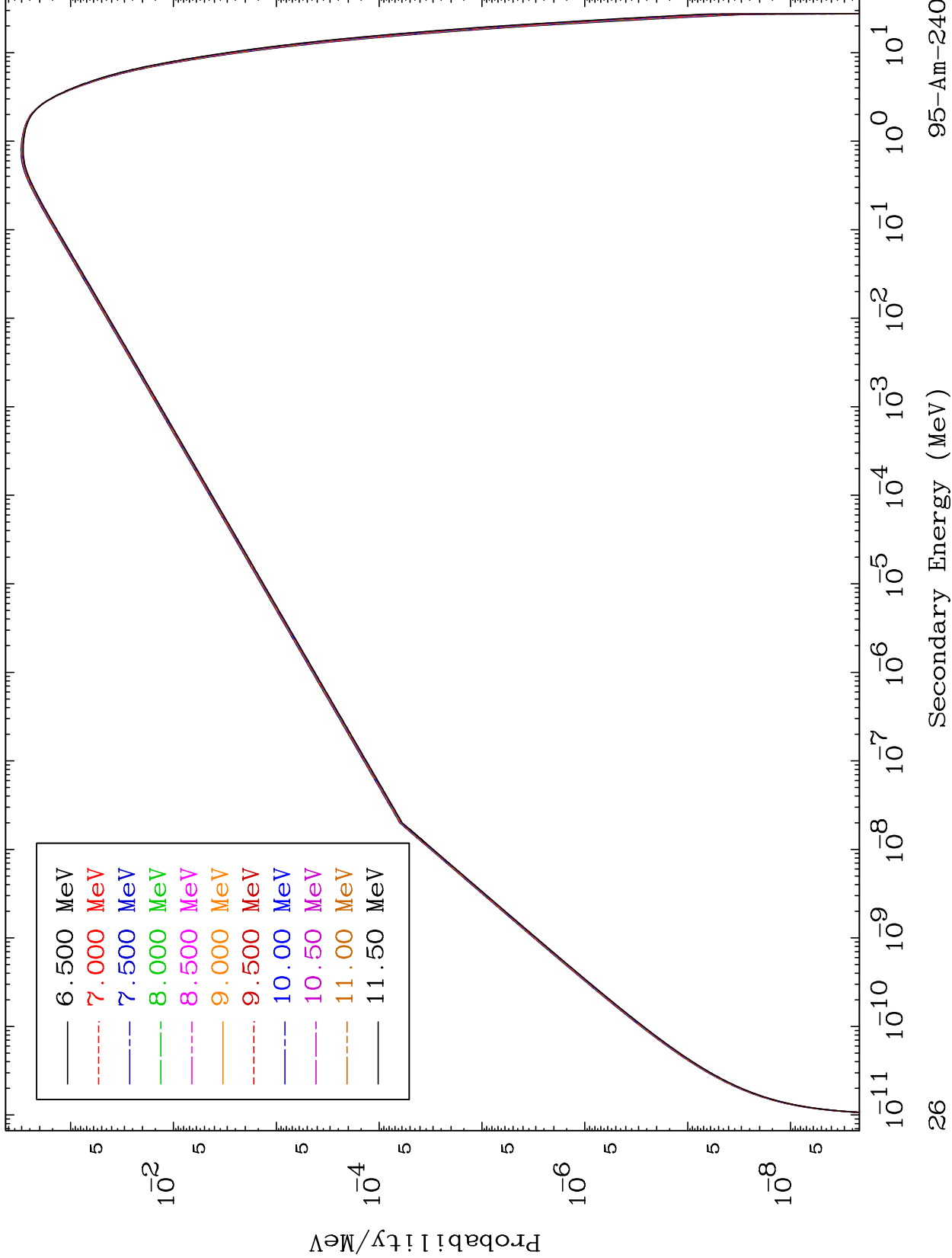
95-Am-240



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Fission Energy Distributions

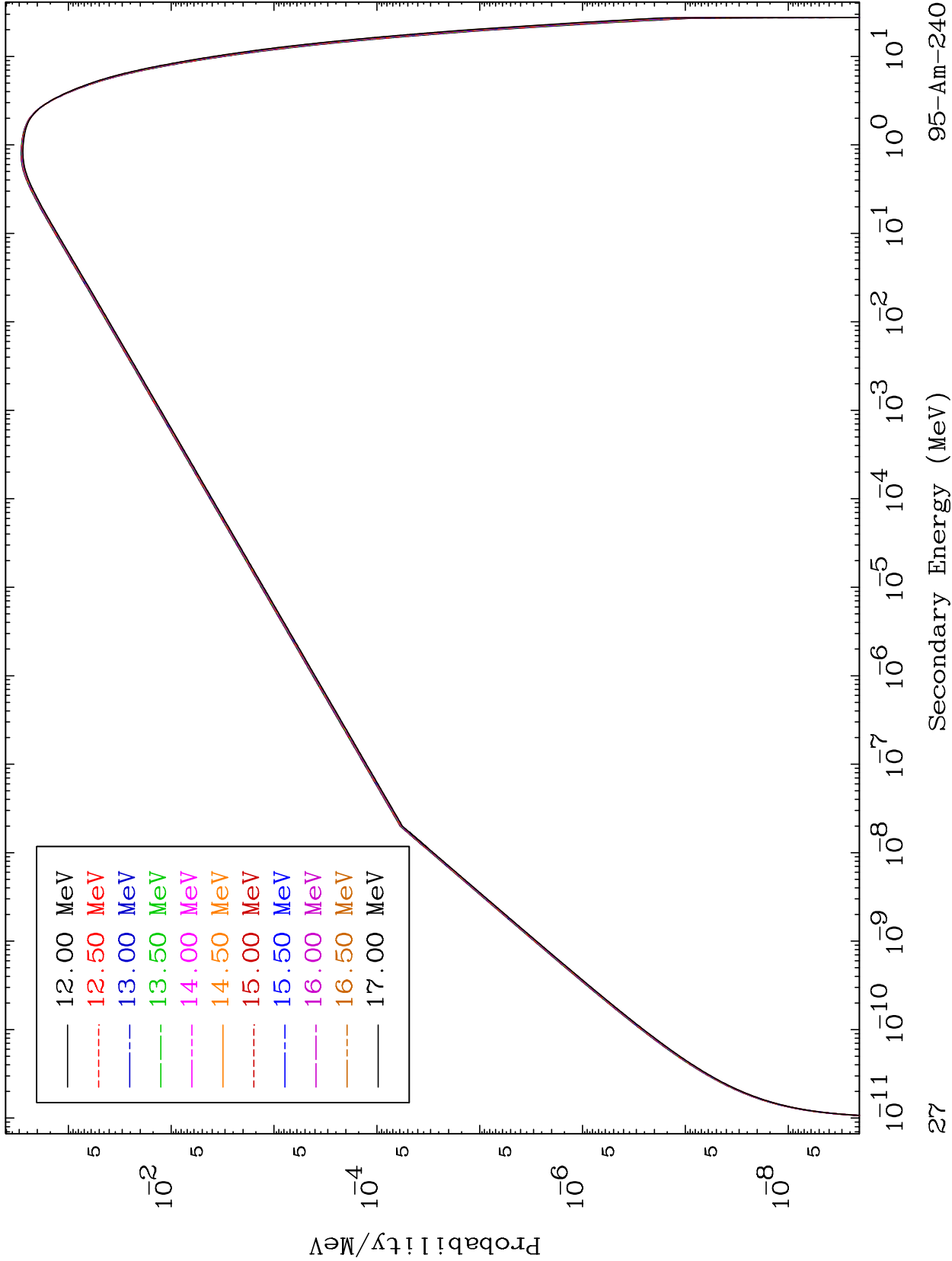
95-Am-240



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Fission Energy Distributions

95-Am-240



95-Am-240

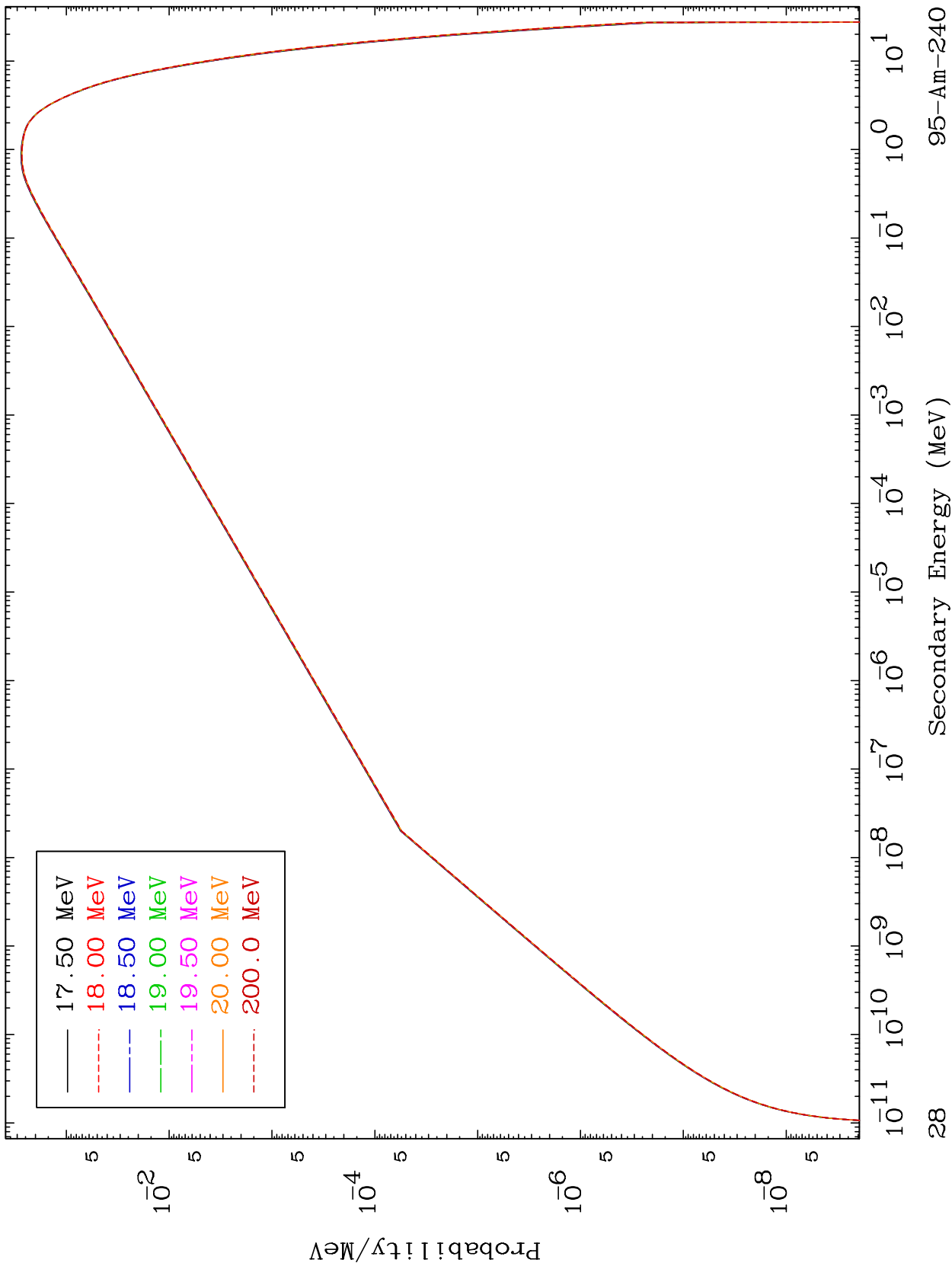
Secondary Energy (MeV)

27

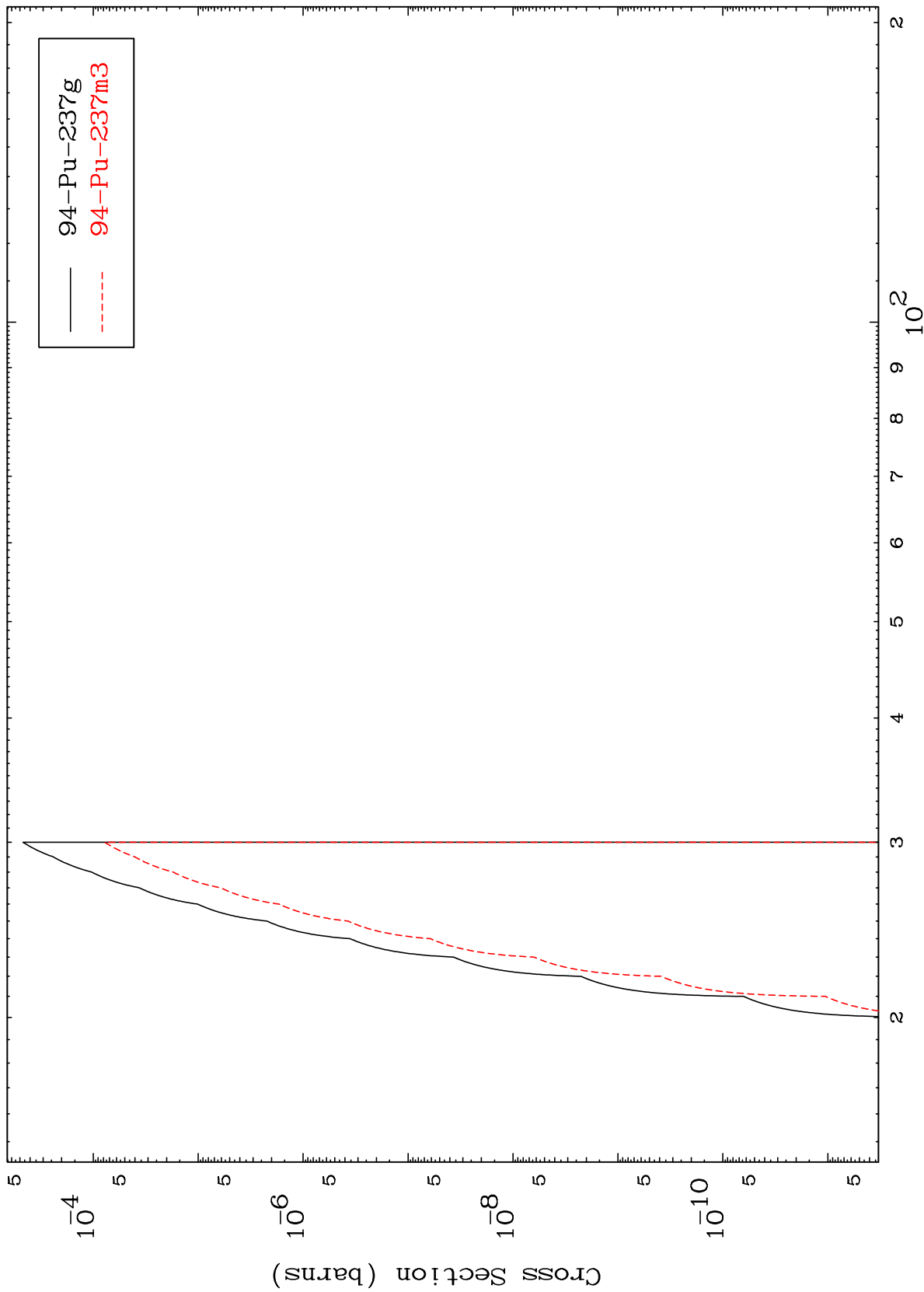
MAT 9540

Fission Energy Distributions

95-Am-240



Radionuclide Production Cross Section

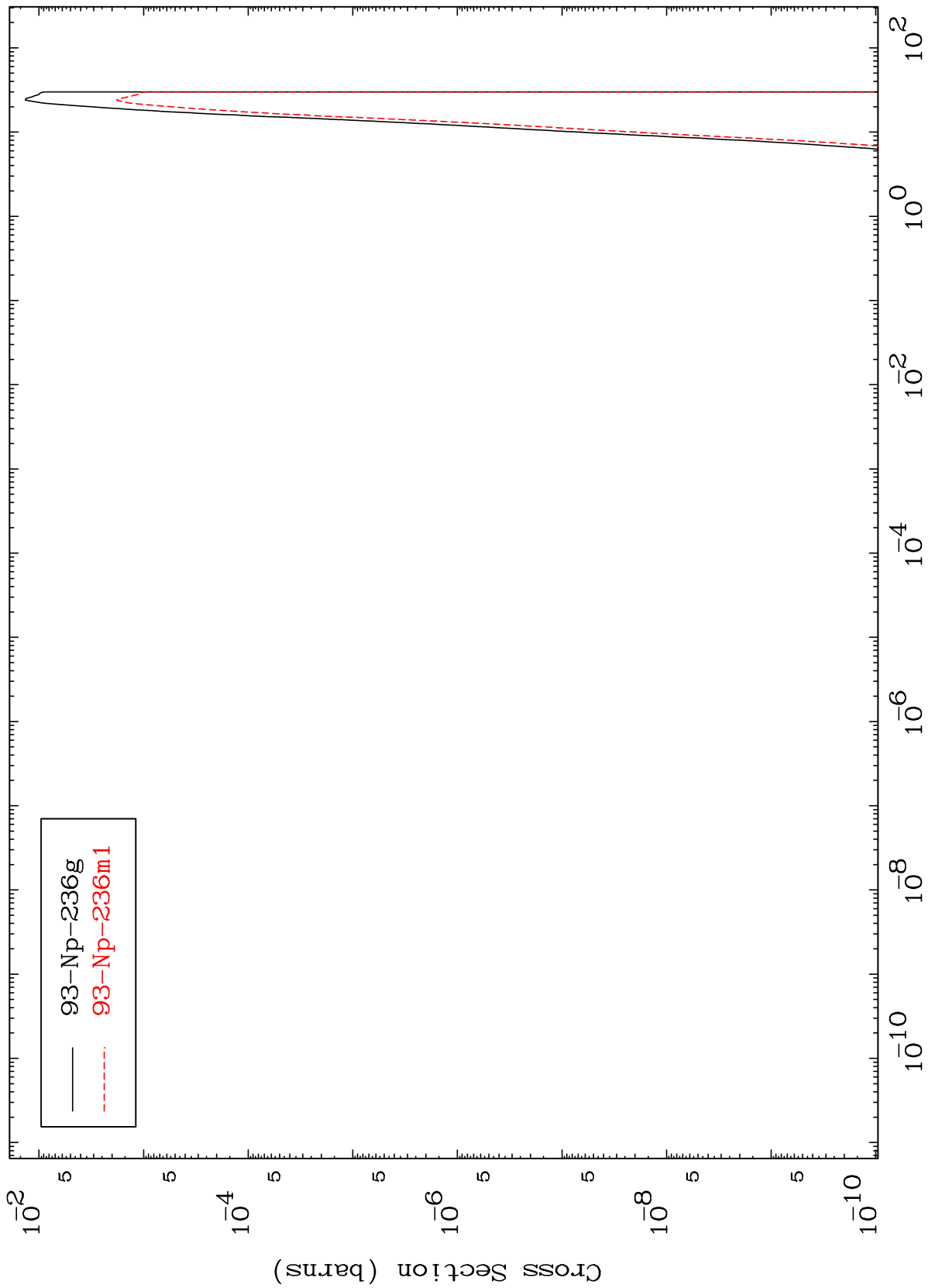


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(n,n') α

95-Am-240

Radionuclide Production Cross Section

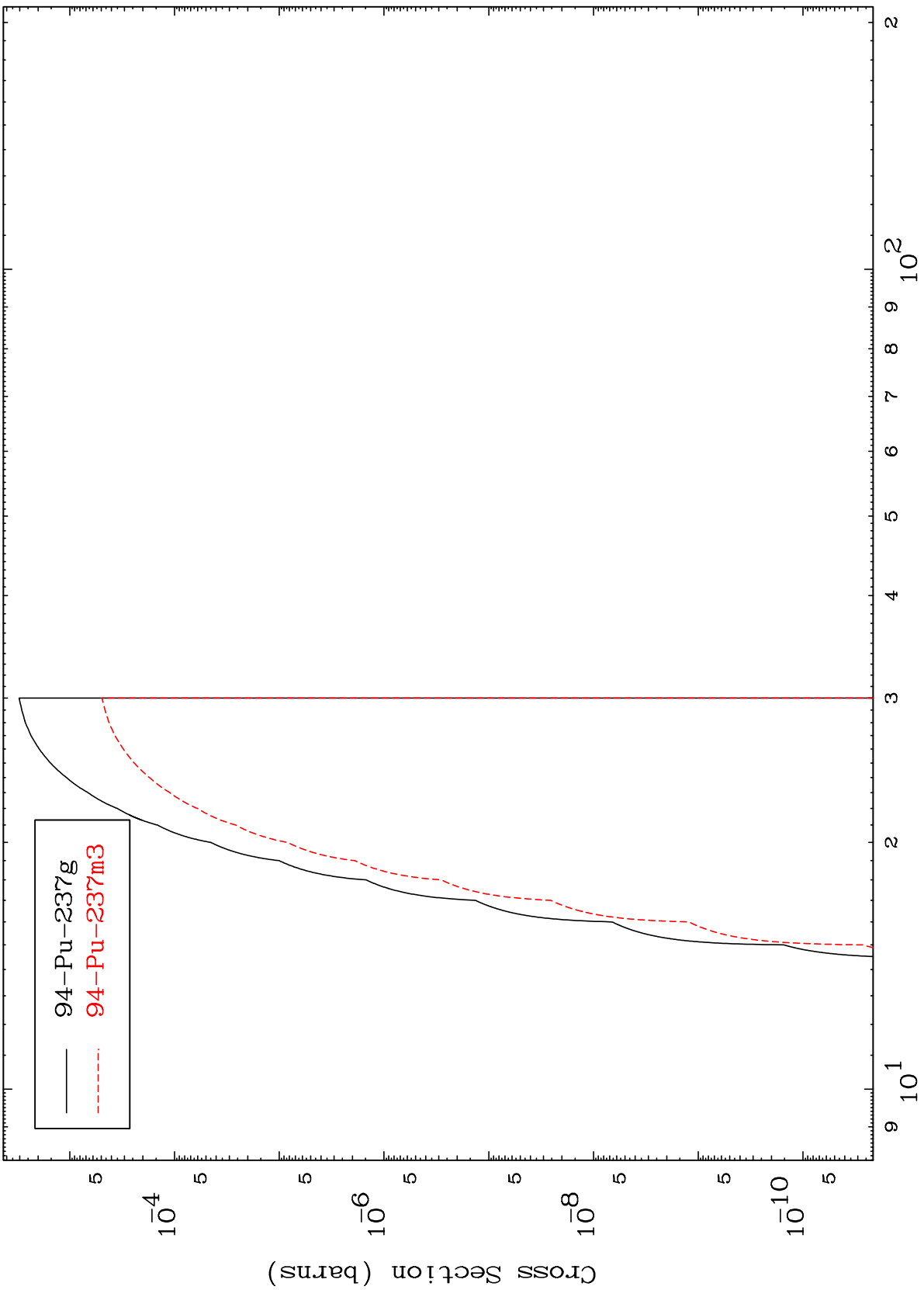


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(n,n') t

95-Am-240

Radionuclide Production Cross Section



94-Pu-237g
94-Pu-237m3

31

Incident Energy (MeV)

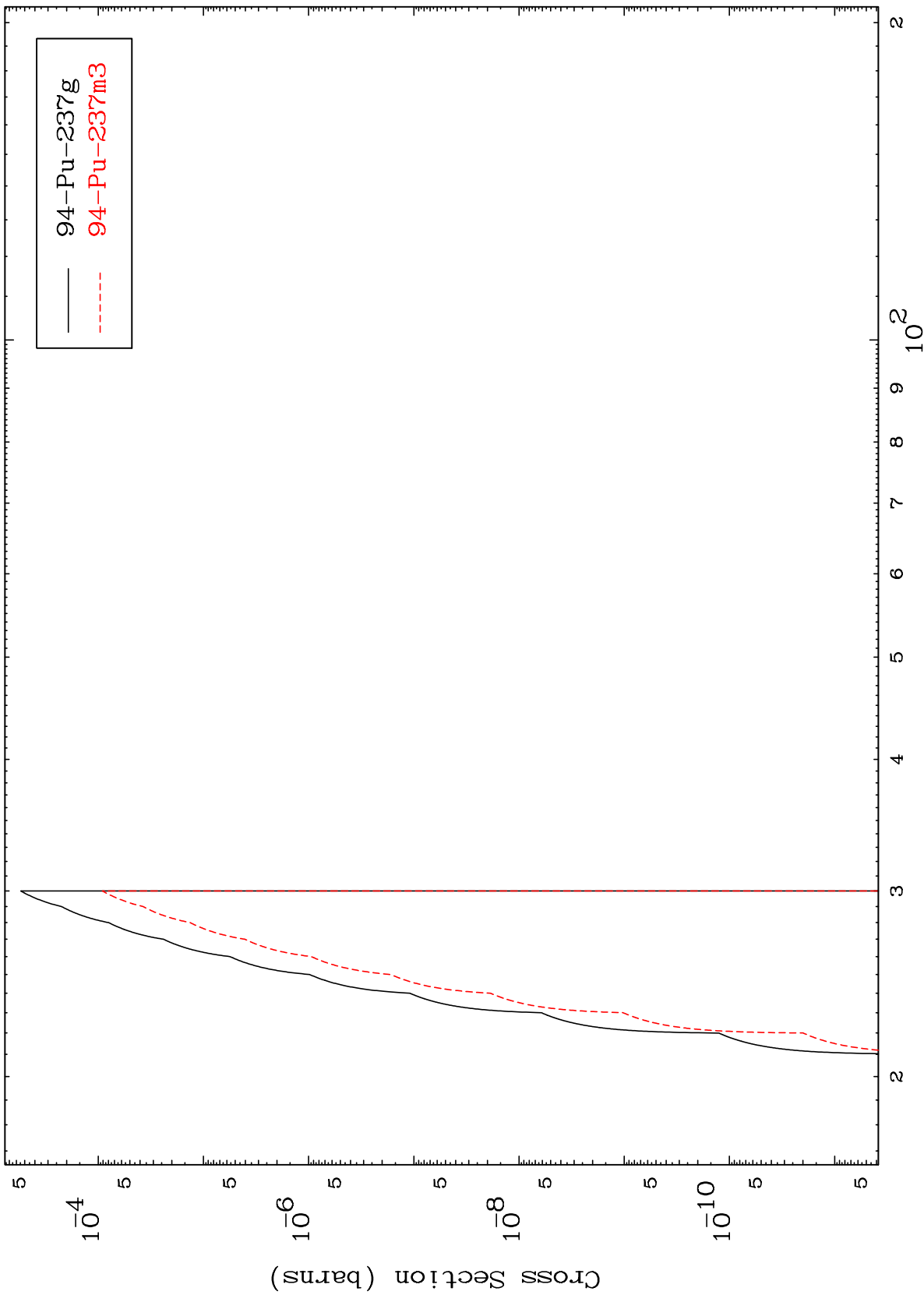
95-Am-240

MAT 9540

(n,3n) p

95-Am-240

Radionuclide Production Cross Section



32

Incident Energy (MeV)

95-Am-240

MAT 9540

(n,n') p α

95-Am-240

Radionuclide Production Cross Section

