

Program EVALPLOT
(Version 2021-1)

by

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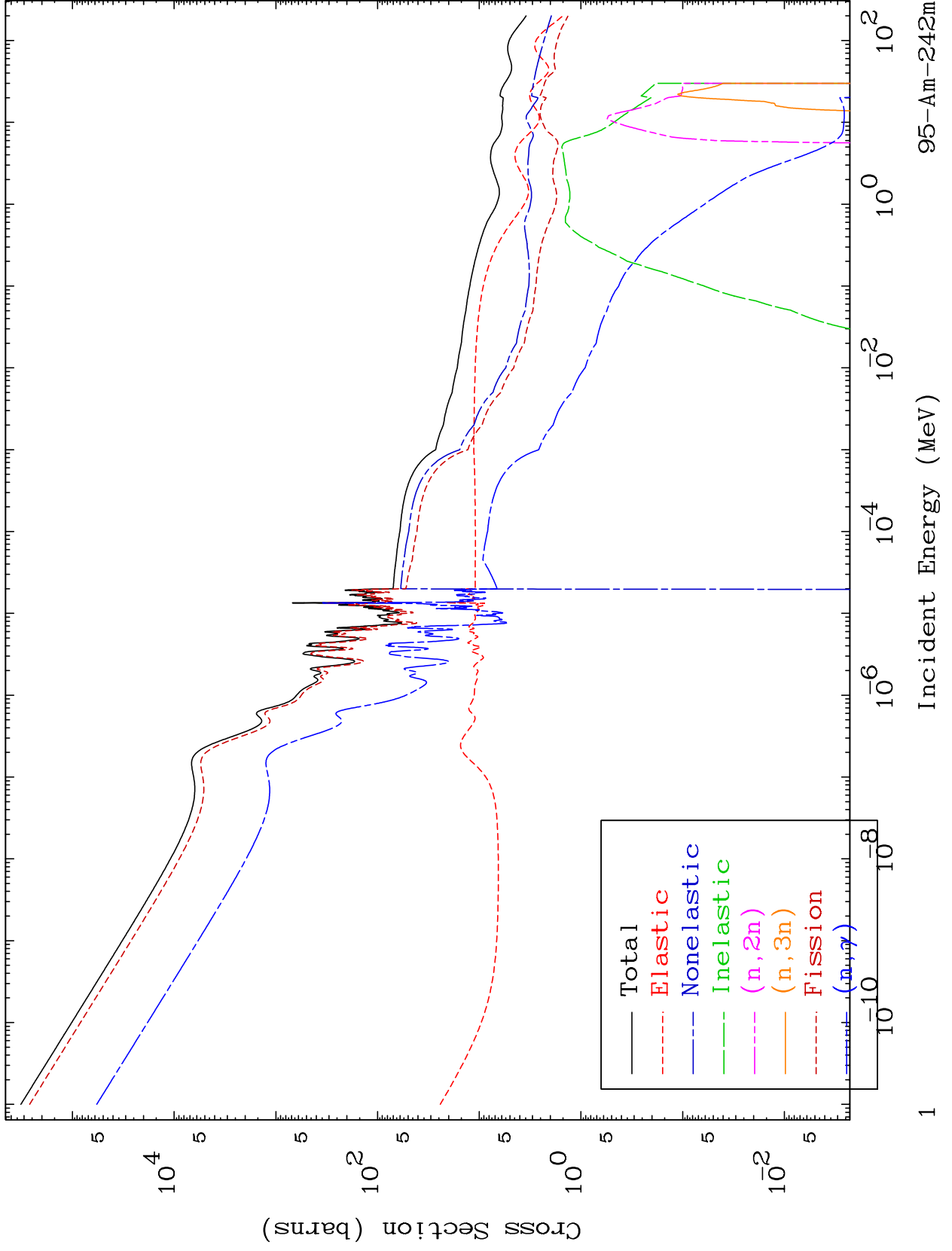
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9547

Neutron Major
293 Kelvin Cross Sections

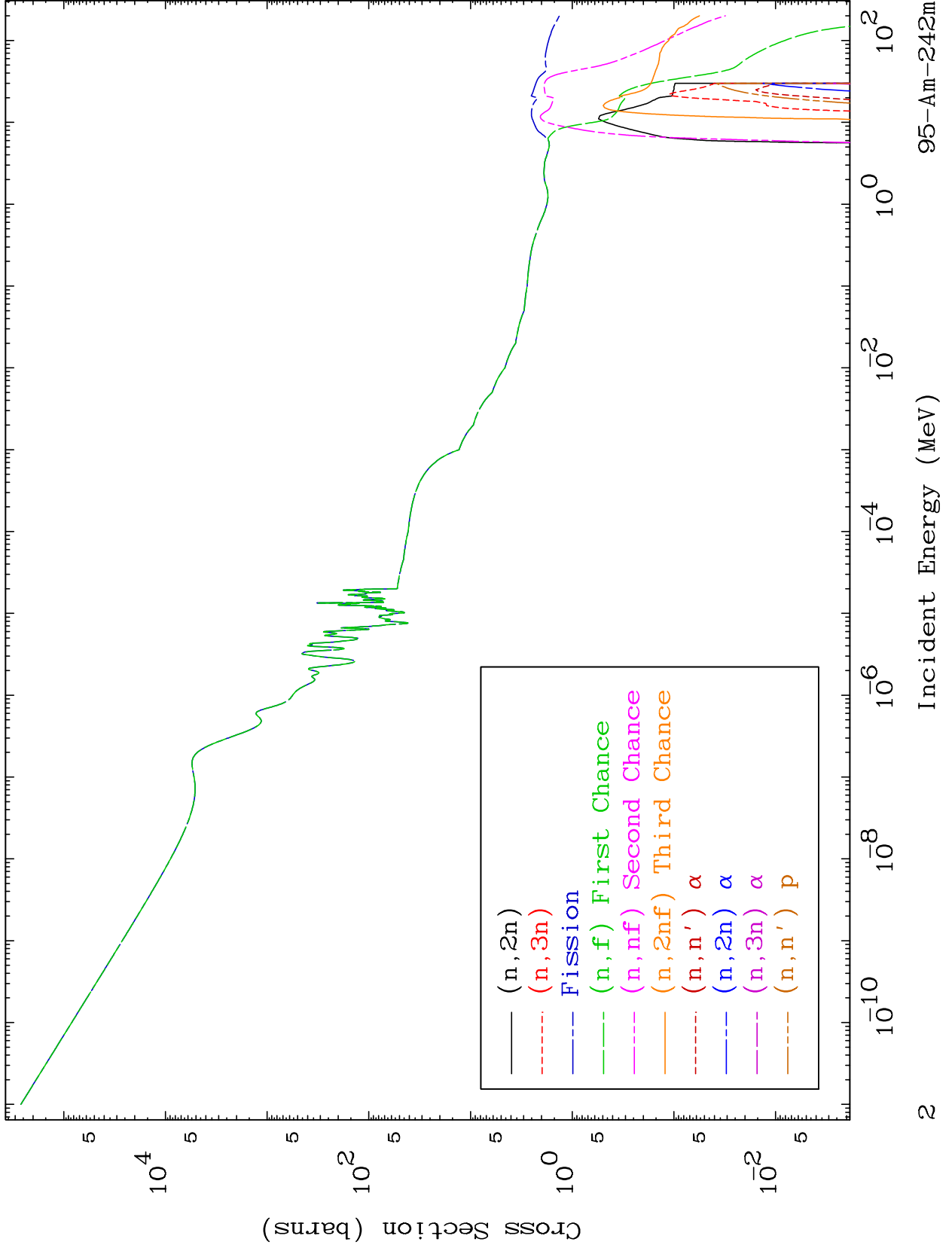
95-Am-242m



MAT 9547

Neutron Absorption
293 Kelvin Cross Sections

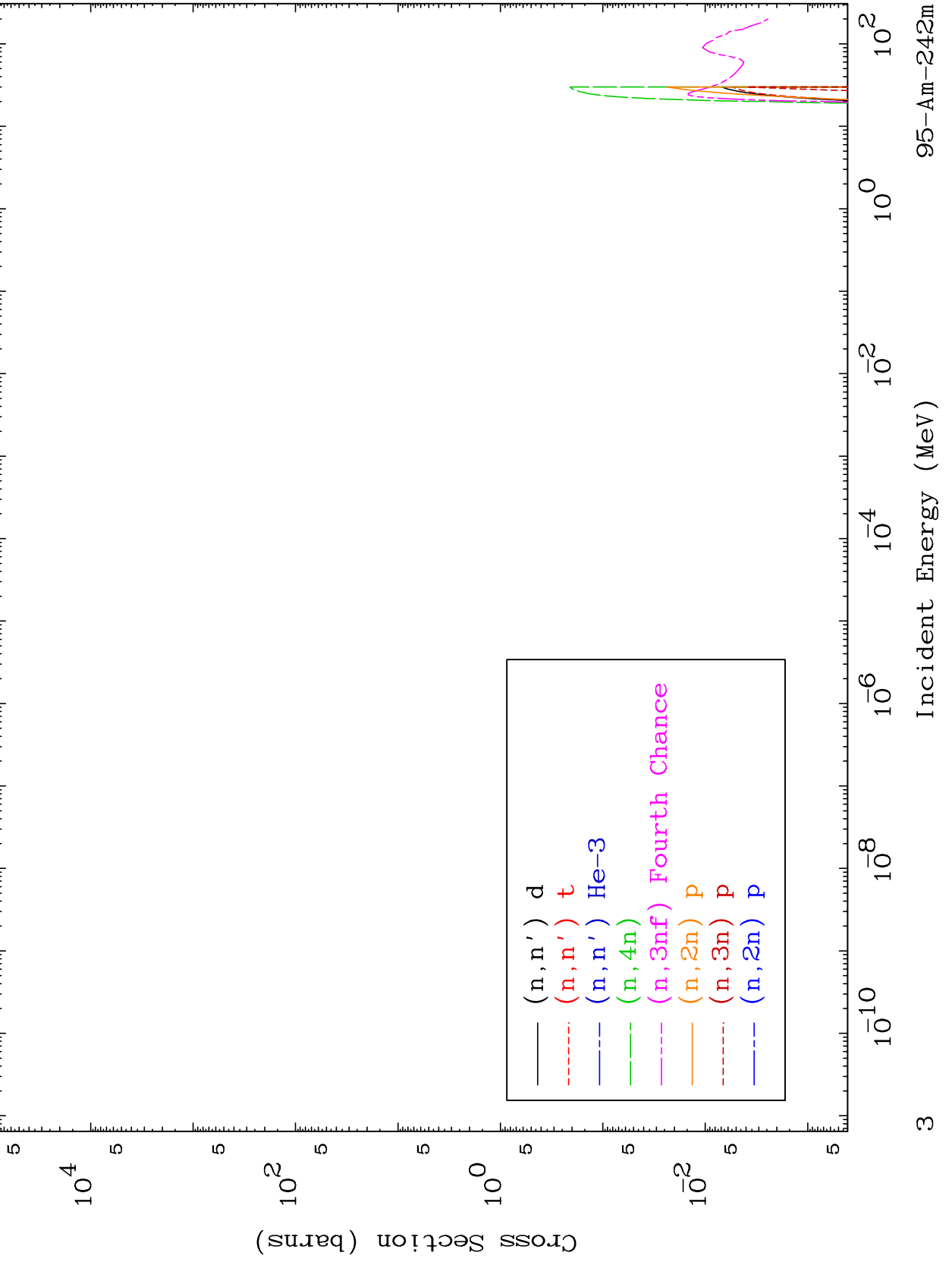
95-Am-242m



MAT 9547

Neutron Absorption
293 Kelvin Cross Sections

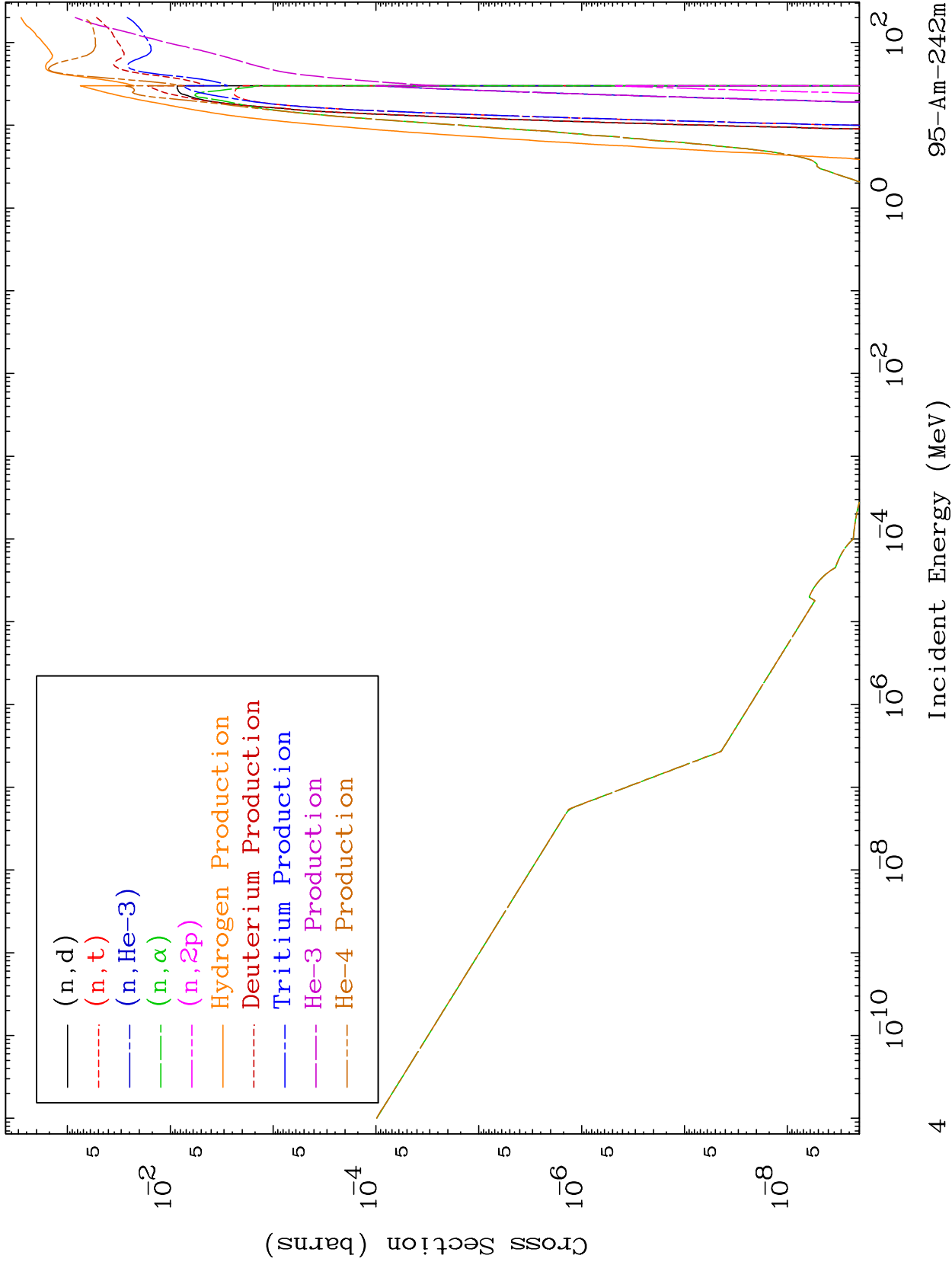
95-Am-242m



MAT 9547

Neutron Absorption
293 Kelvin Cross Sections

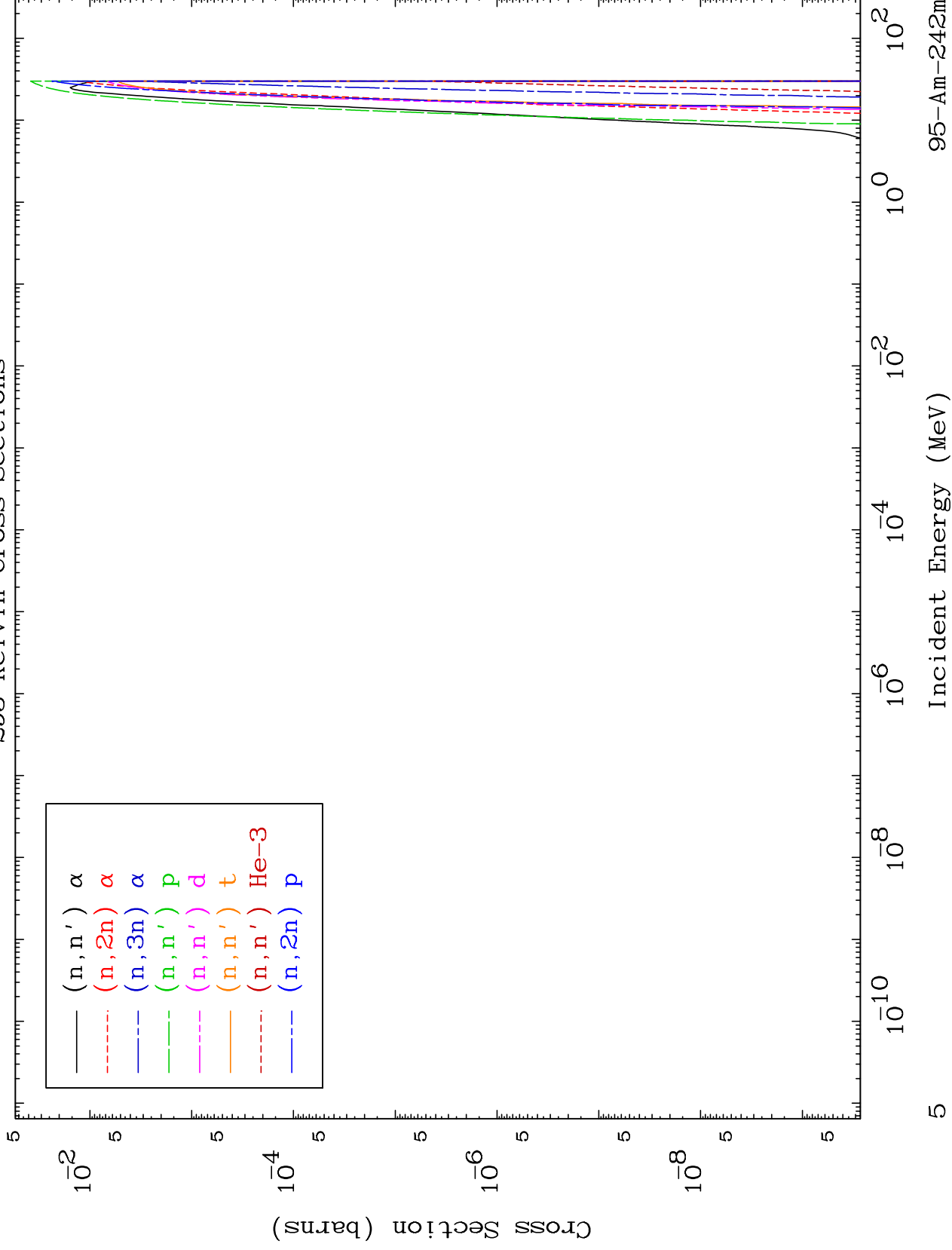
95-Am-242m



MAT 9547

Charged Particle
293 Kelvin Cross Sections

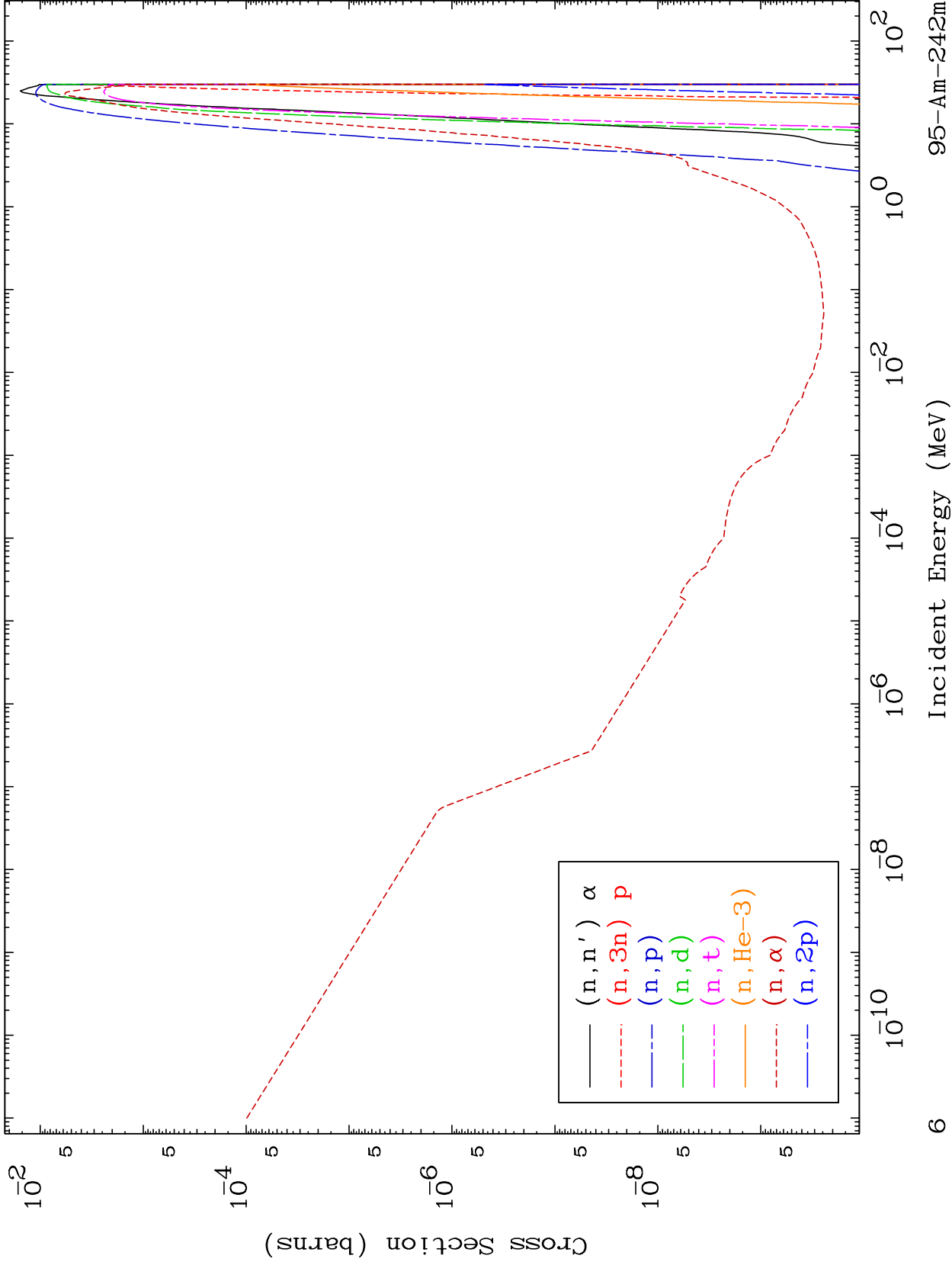
95-Am-242m



MAT 9547

Charged Particle
293 Kelvin Cross Sections

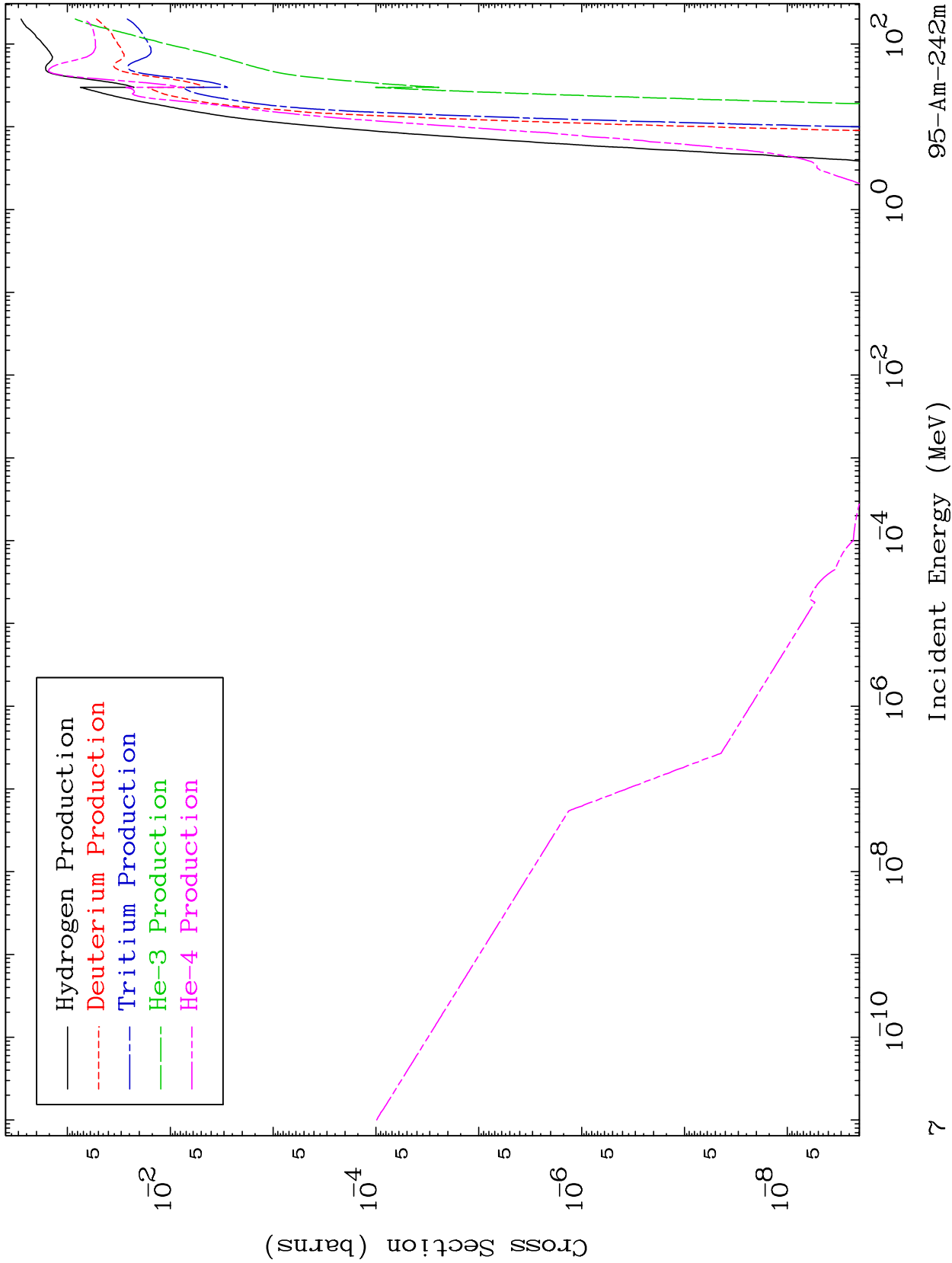
95-Am-242m



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Particle Production
293 Kelvin Cross Sections

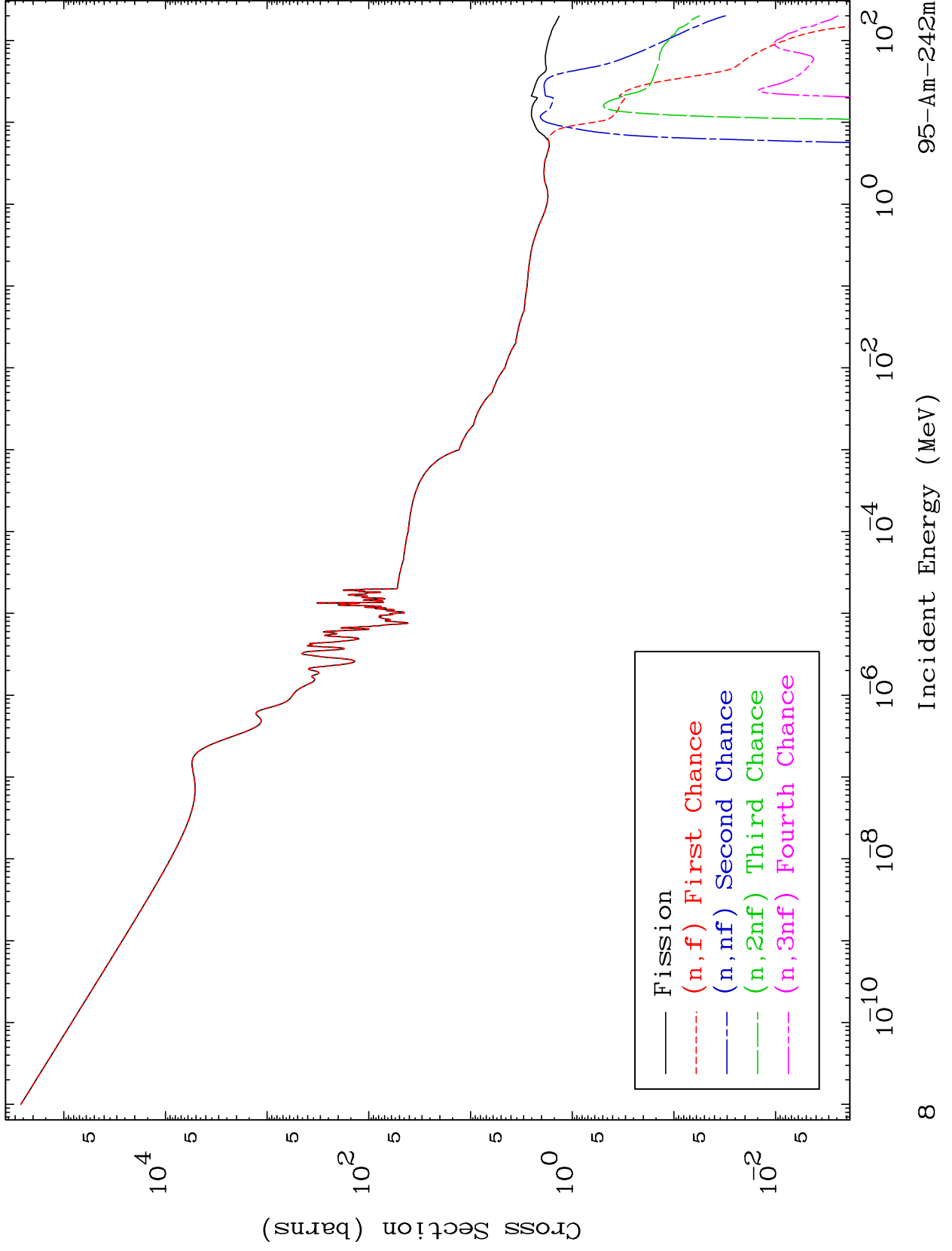
95-Am-242m



MAT 9547

Fission
293 Kelvin Cross Sections

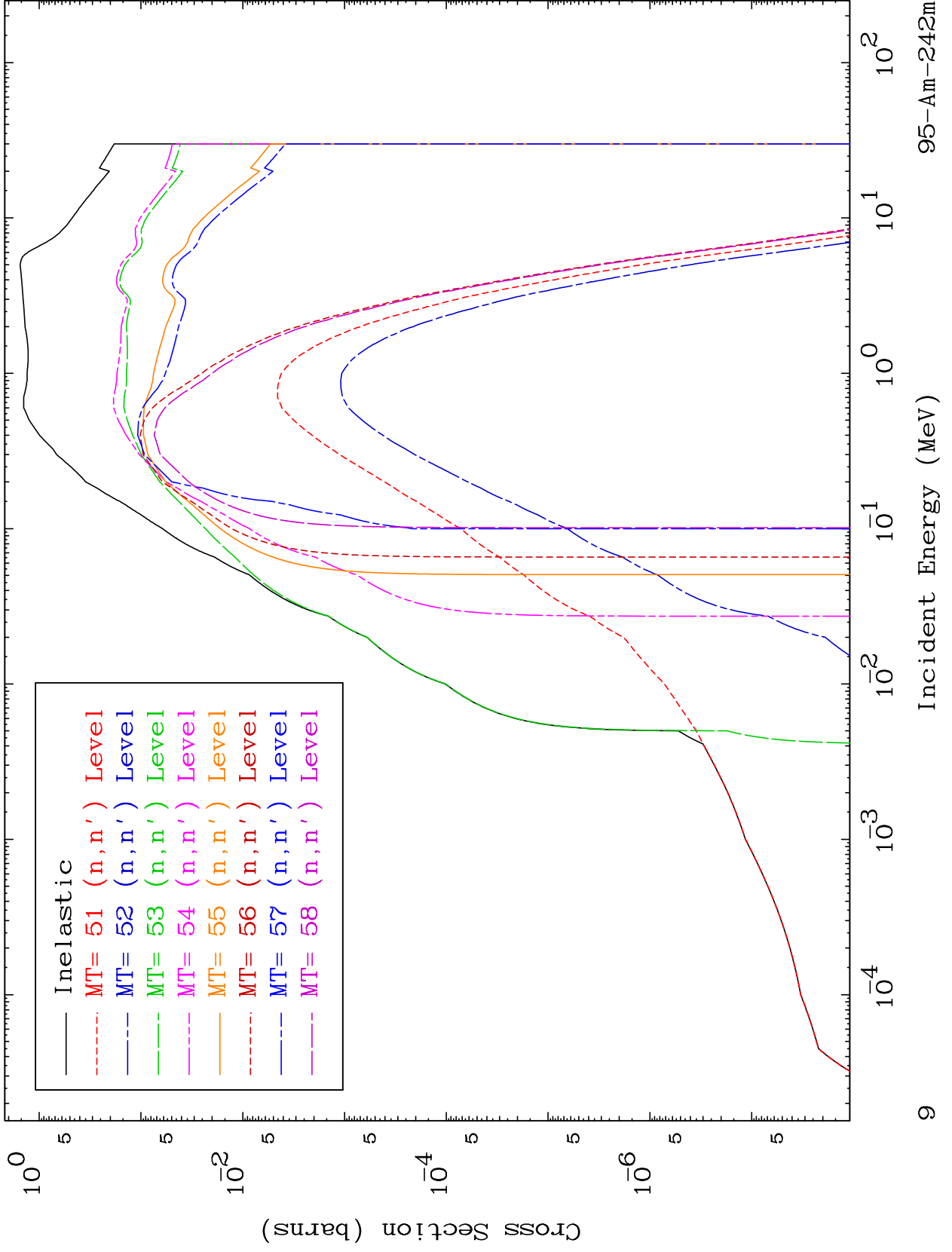
95-Am-242m



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293 Kelvin Cross Sections
(n,n') Levels

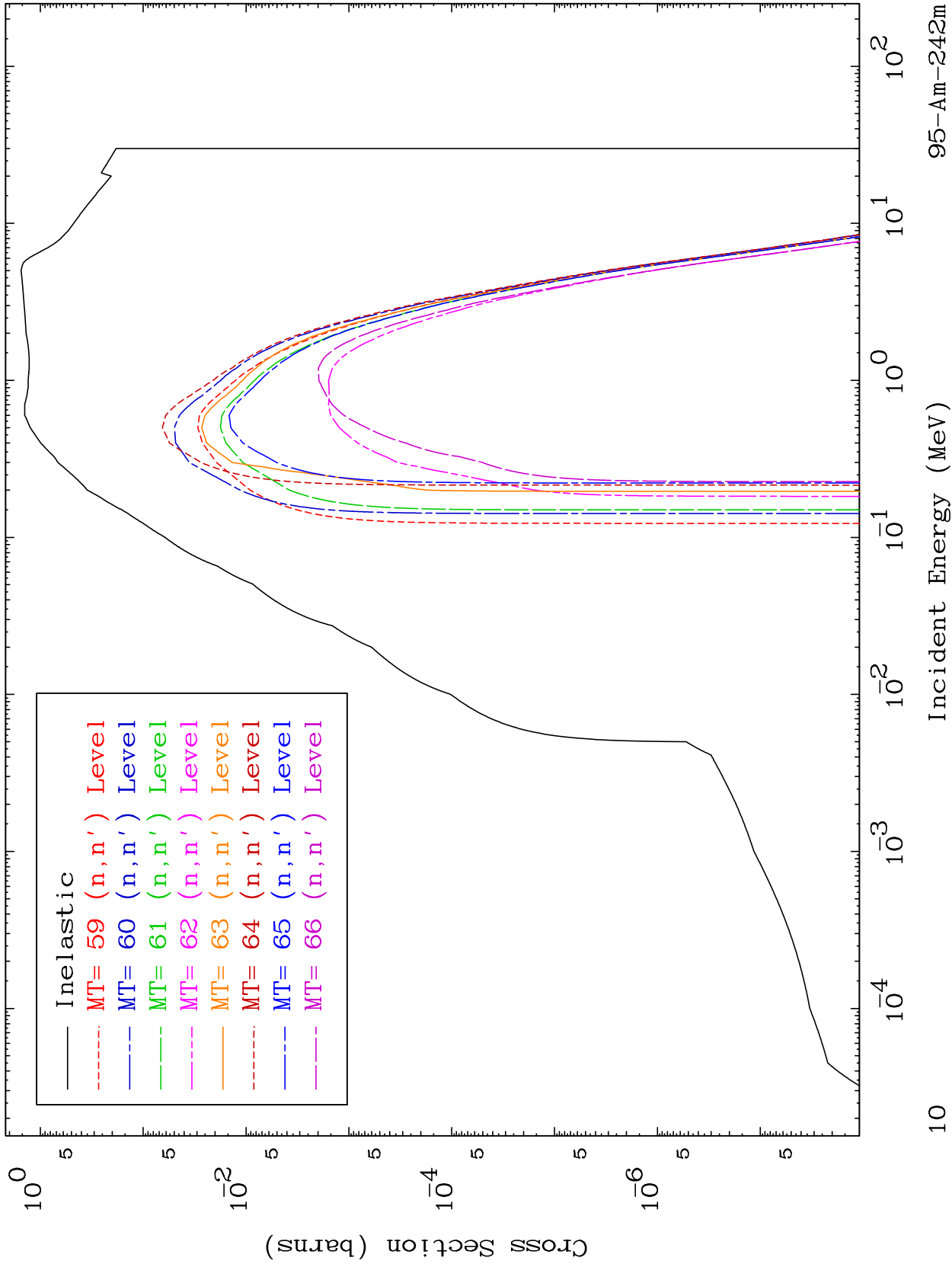
95-Am-242m



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(n,n') Levels
293 Kelvin Cross Sections

95-Am-242m



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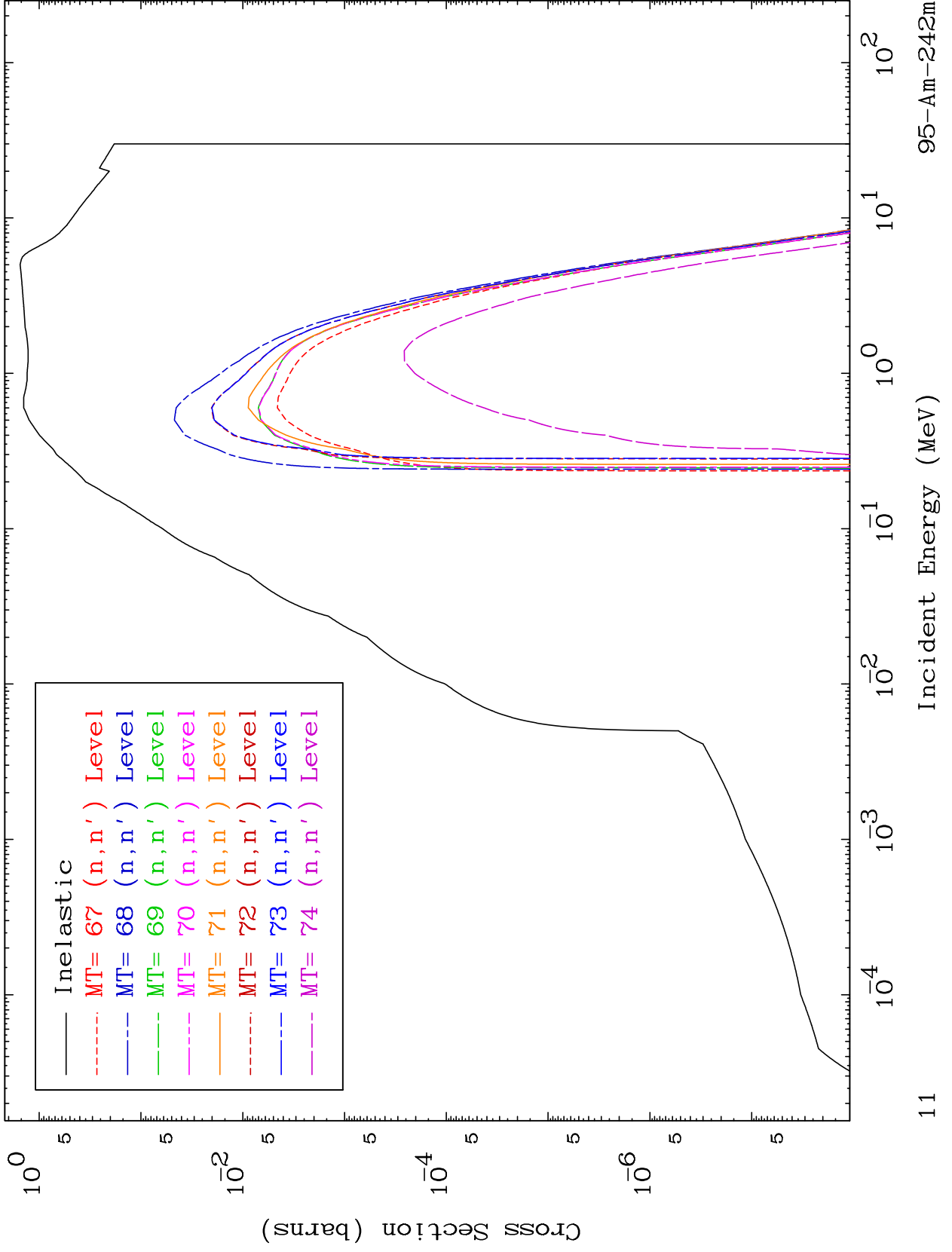
Incident Energy (MeV)

95-Am-242m

MAT 9547

293 (n,n') Levels

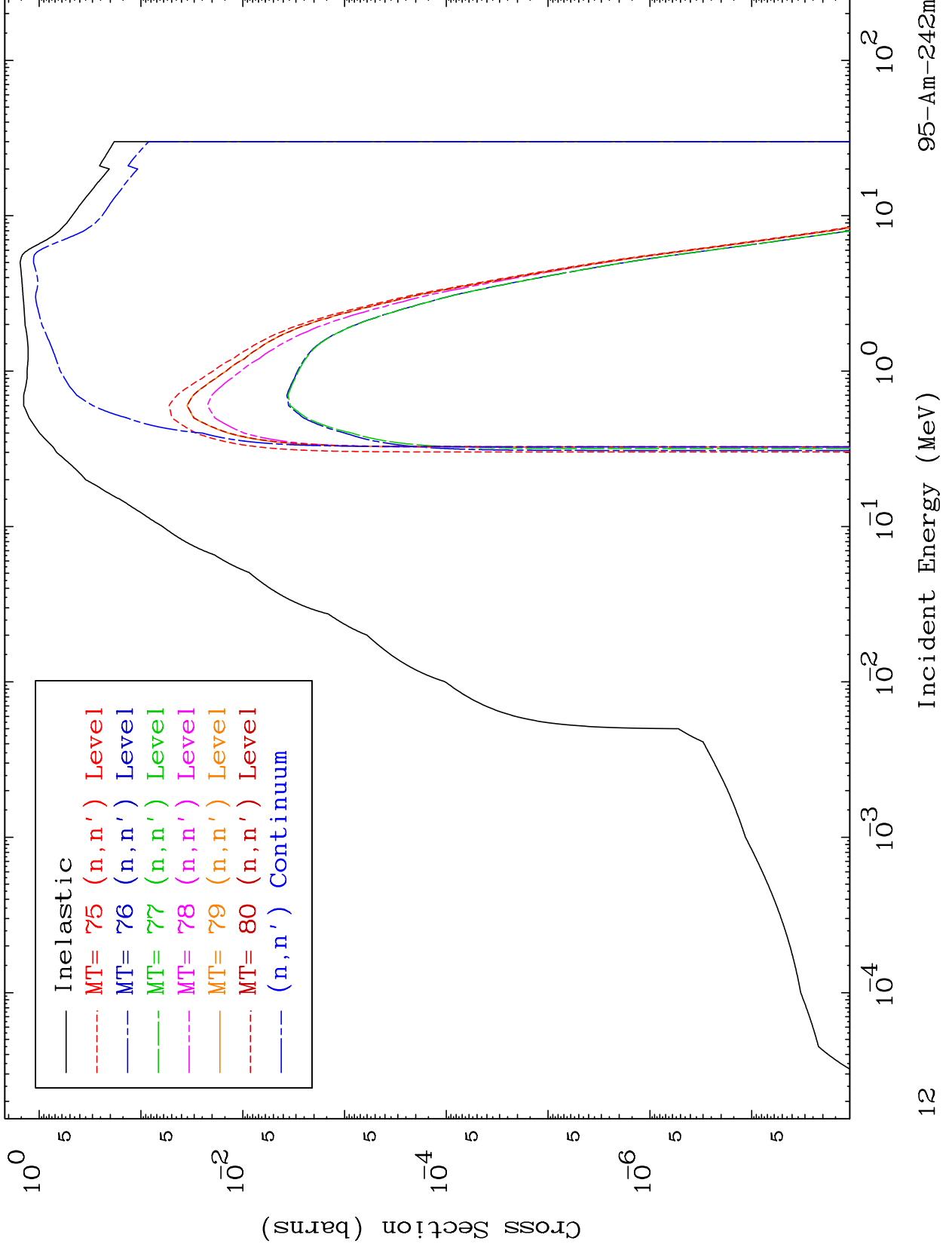
95-Am-242m



MAT 9547

293 Kelvin Cross Sections
(n,n') Levels

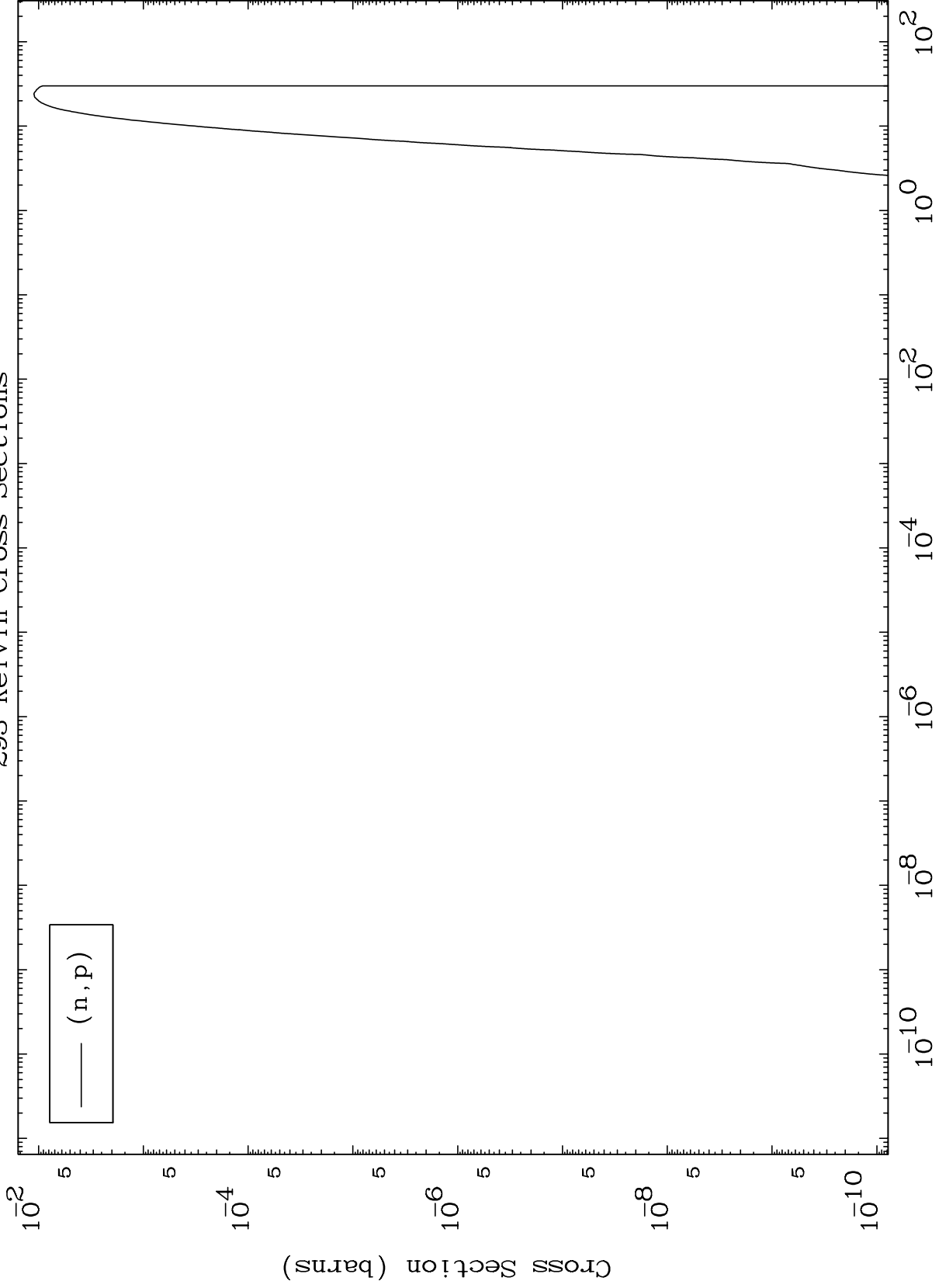
95-Am-242m



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(n,p) Levels
293 Kelvin Cross Sections

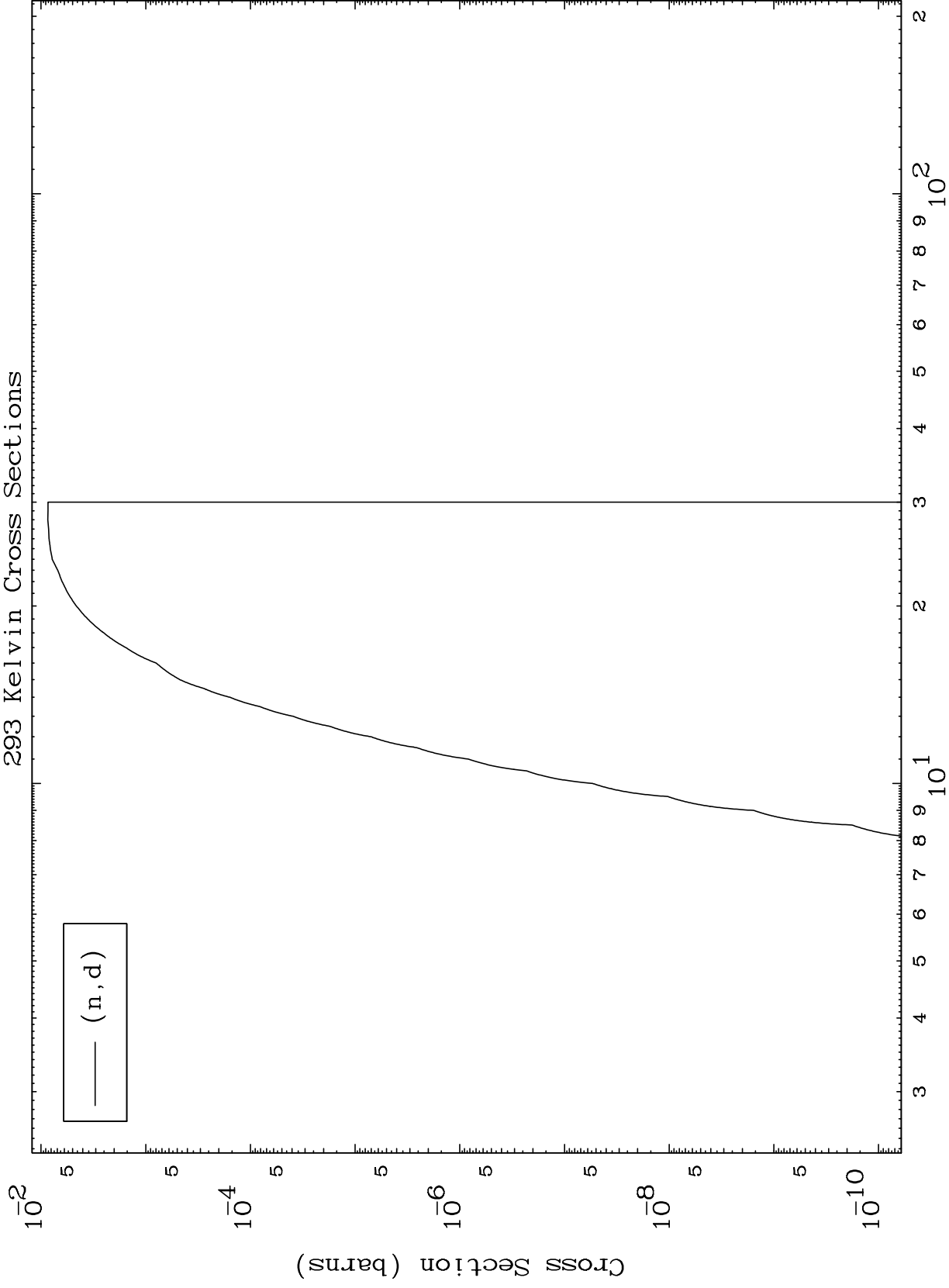
95-Am-242m



MAT 9547

(n,d) Levels
293 Kelvin Cross Sections

95-Am-242m



14

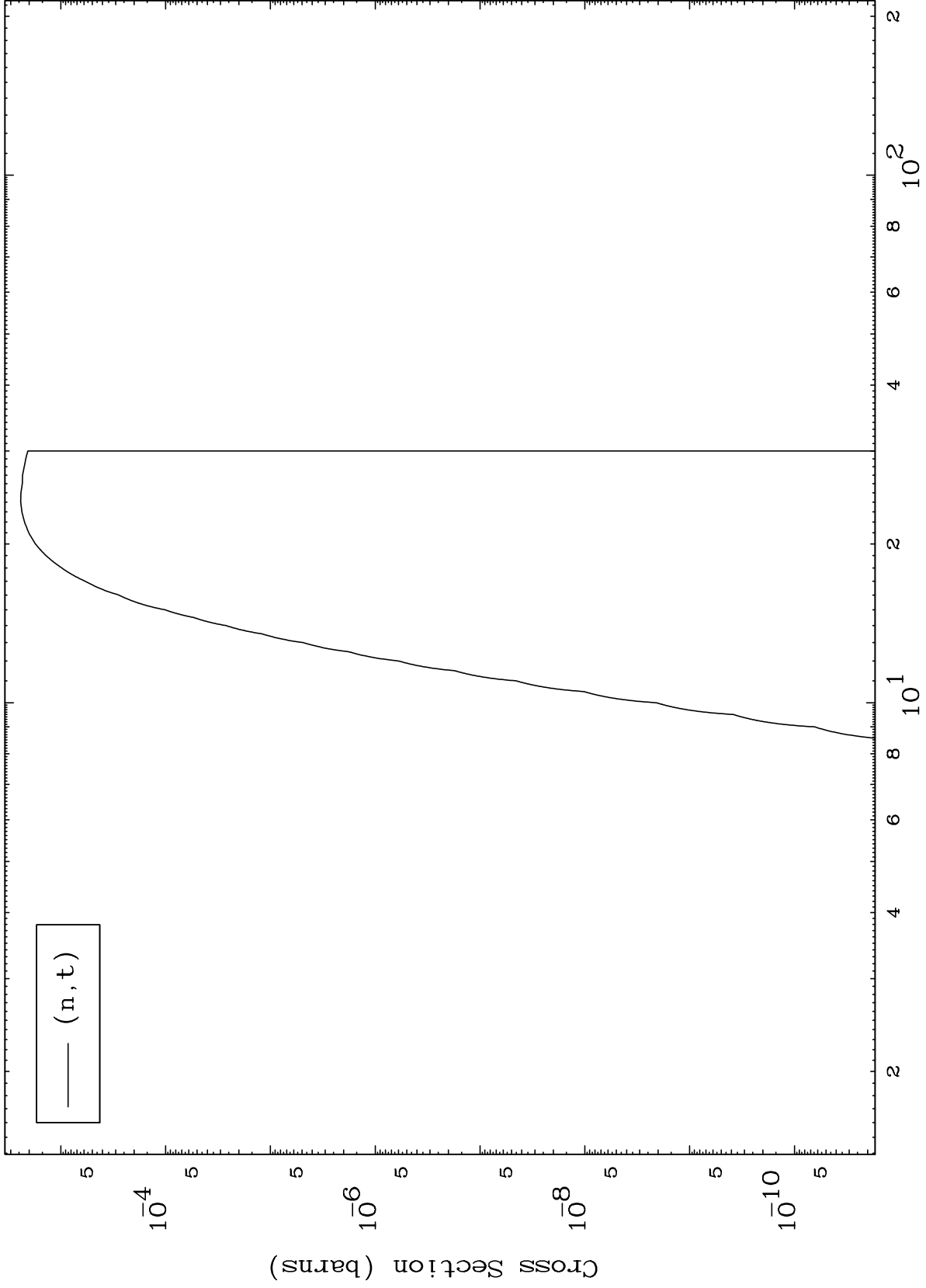
Incident Energy (MeV)

95-Am-242m

MAT 9547

(n,t) Levels
293 Kelvin Cross Sections

95-Am-242m



15

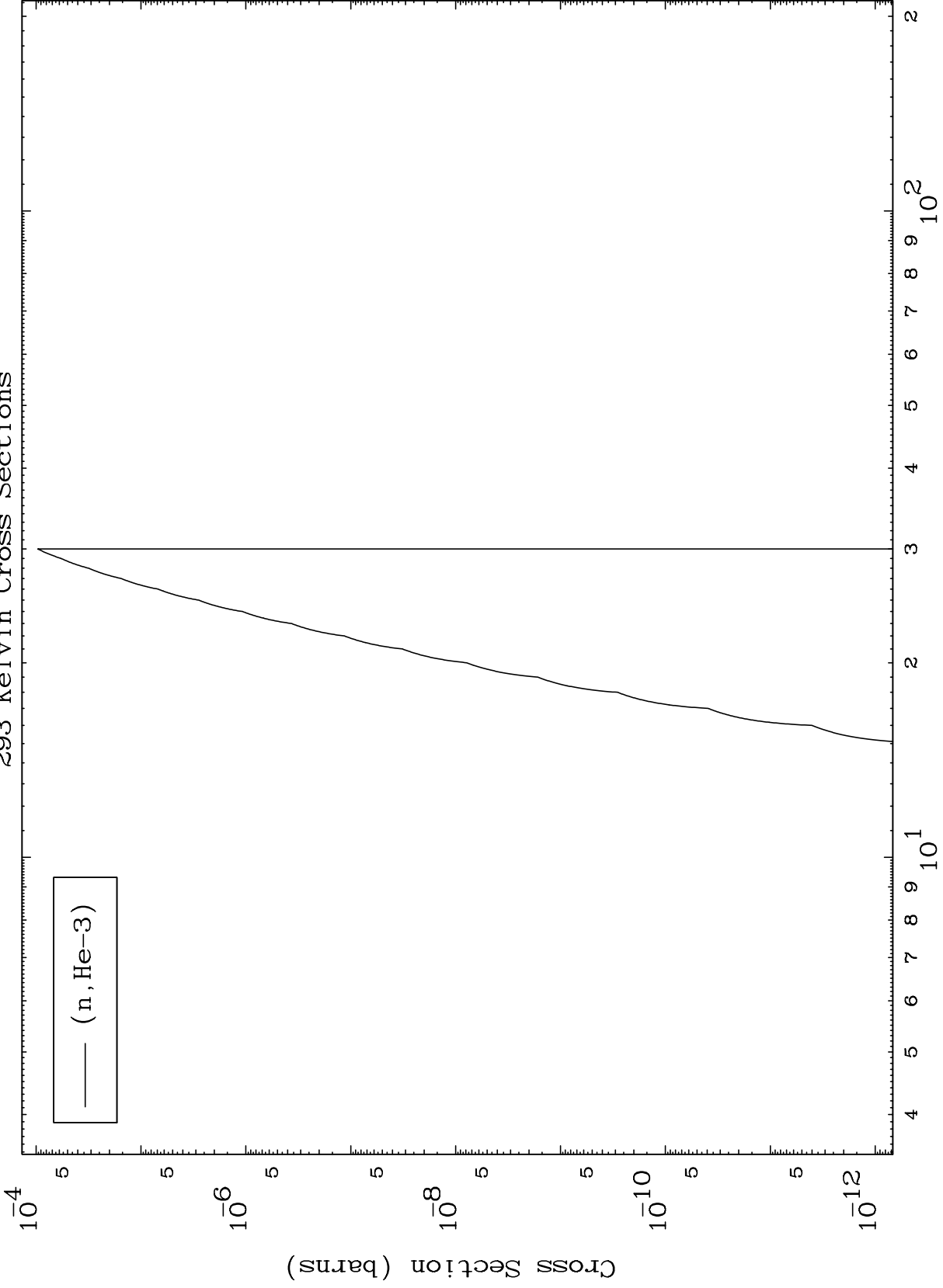
Incident Energy (MeV)

95-Am-242m

MAT 9547

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-242m



16

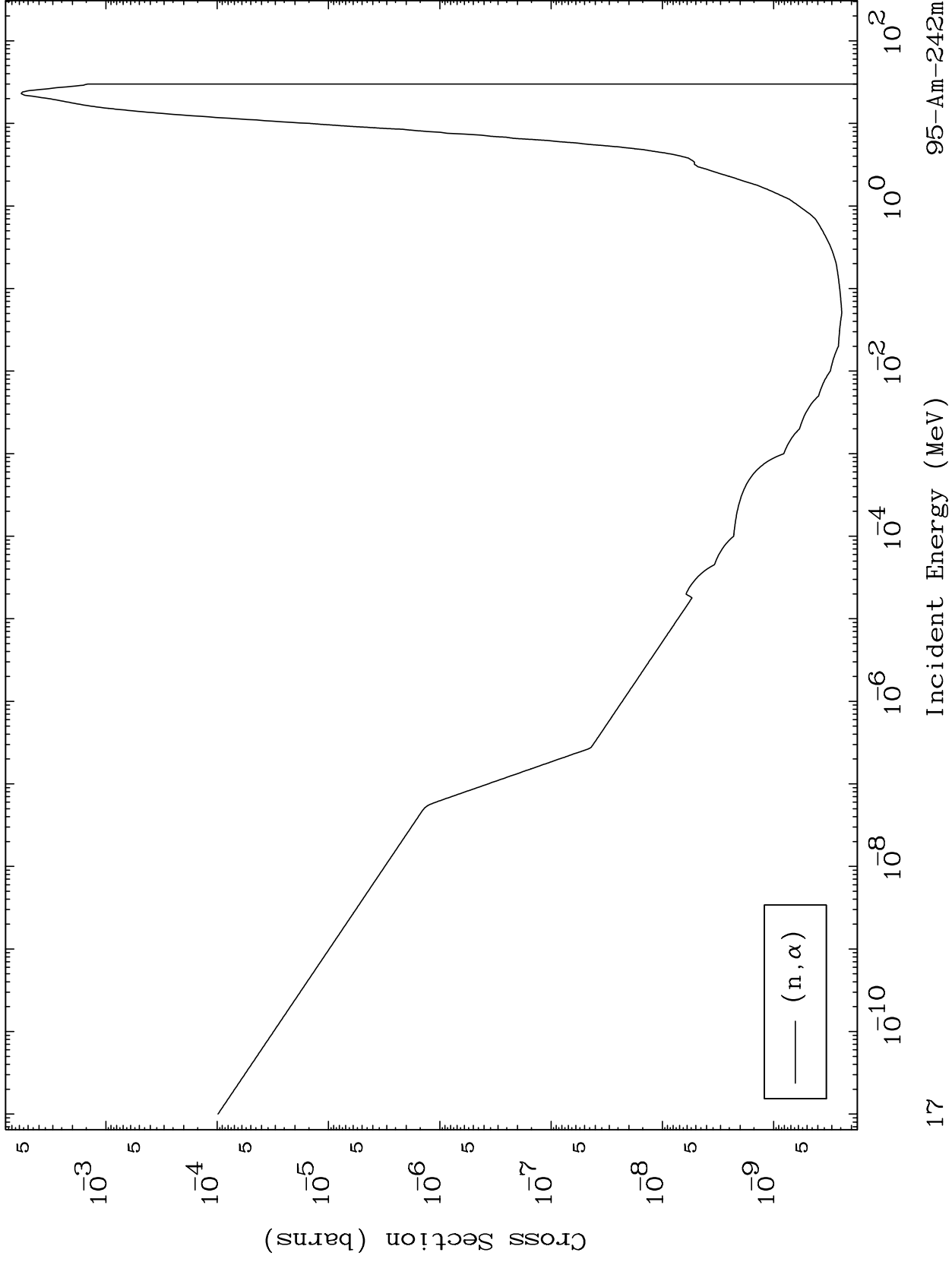
Incident Energy (MeV)

95-Am-242m

MAT 9547

(n, α) Levels
293 Kelvin Cross Sections

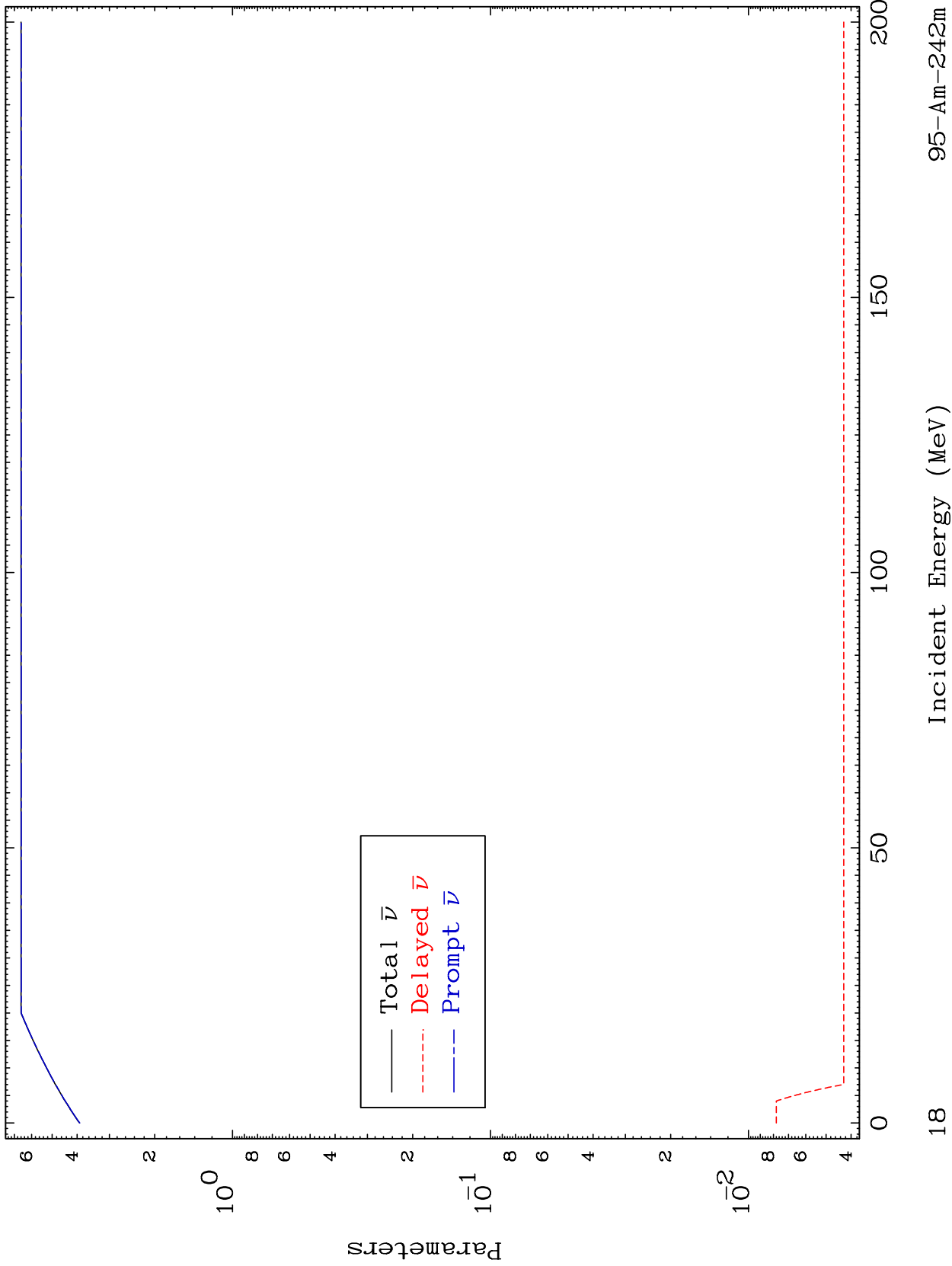
95-Am-242m



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Energy Release
Parameters

95-Am-242m



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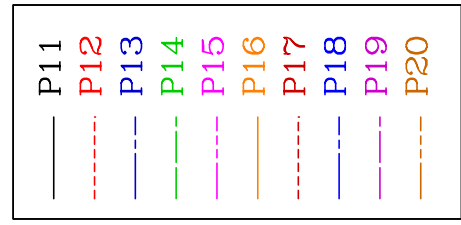
Incident Energy (MeV)

95-Am-242m

MAT 9547

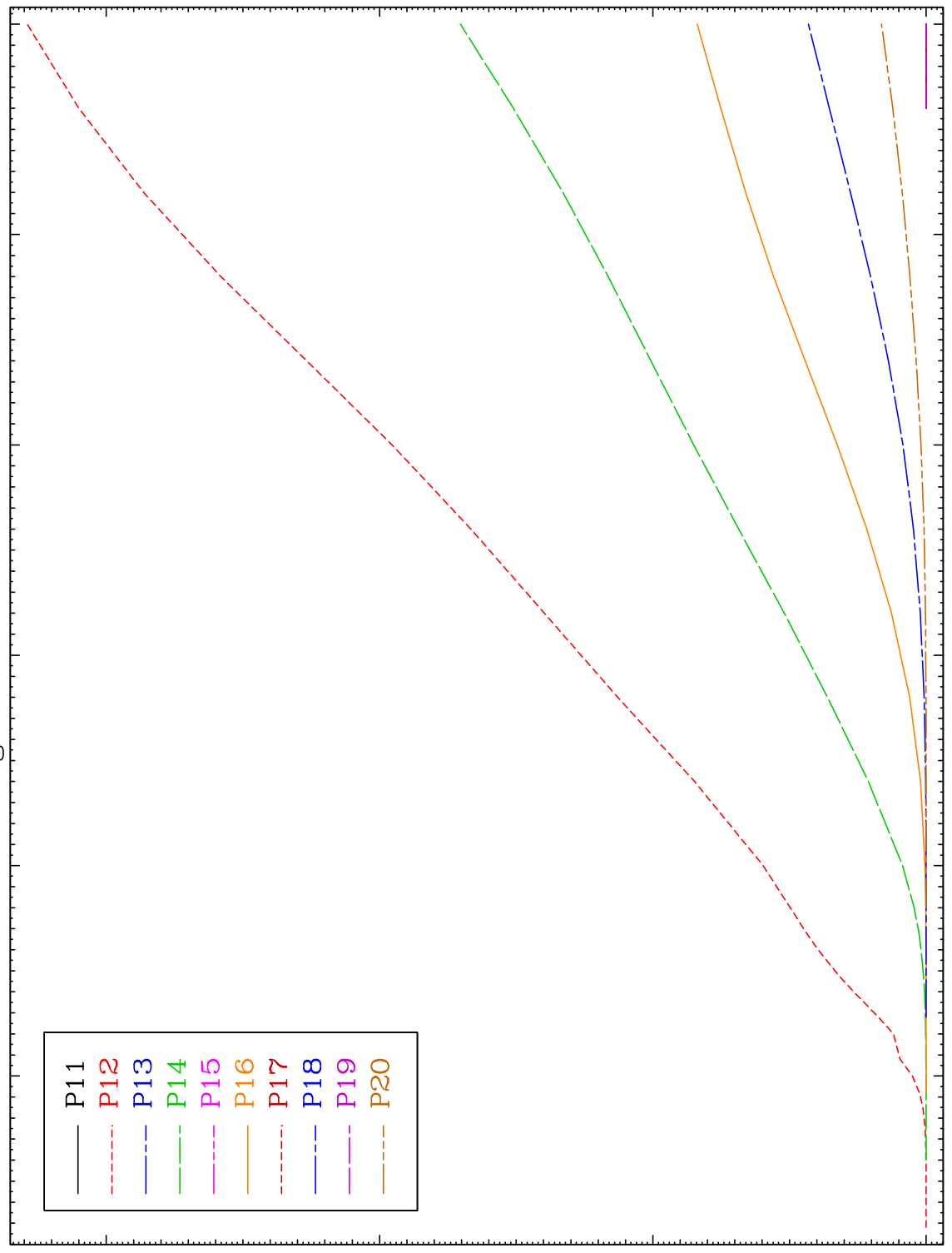
Elastic Legendre Coefficients

95-Am-242m



$\times 10^{-4}$

Legendre (CM)



20

Incident Energy (MeV)

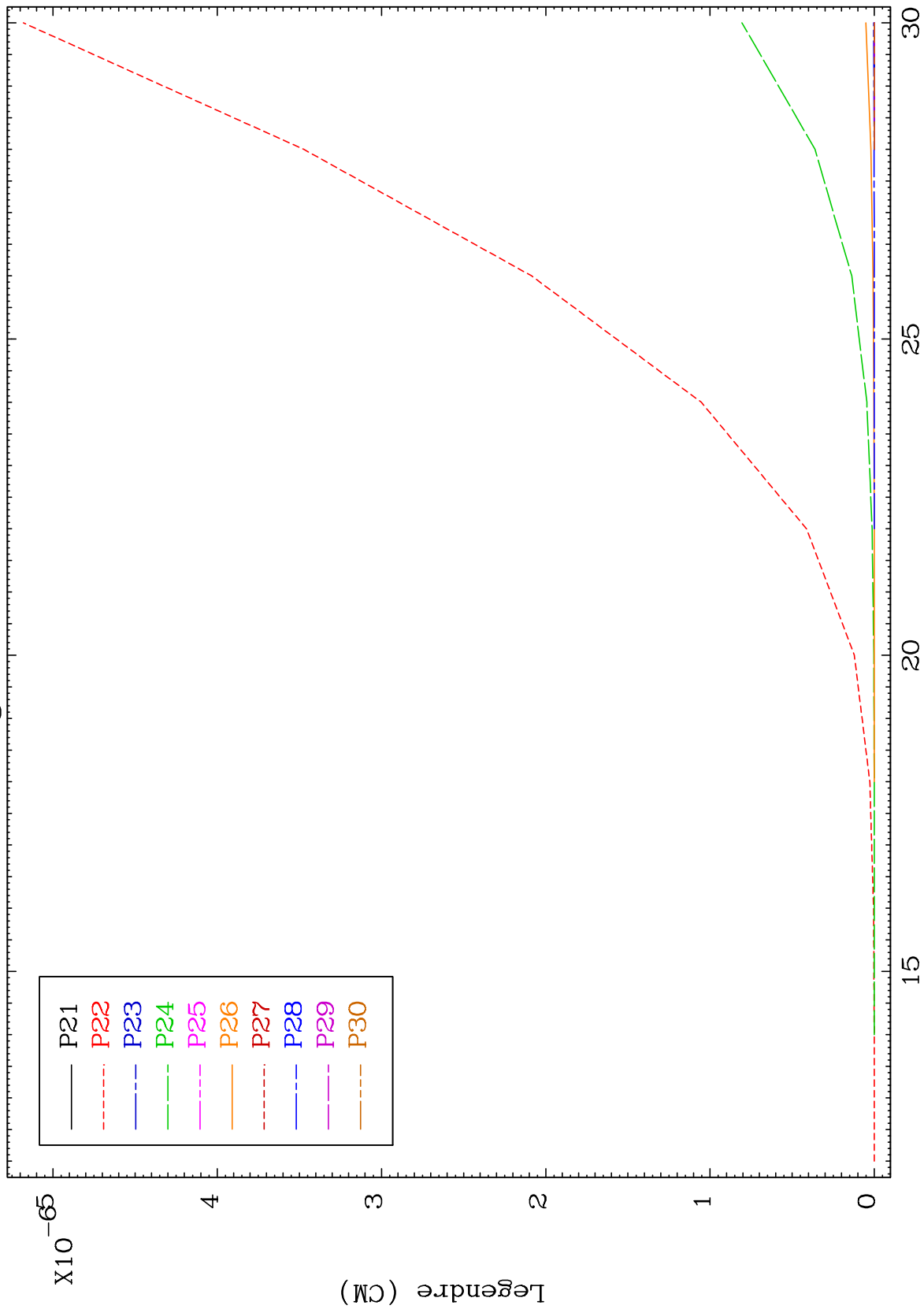
95-Am-242m

30

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Elastic
Legendre Coefficients

95-Am-242m



21

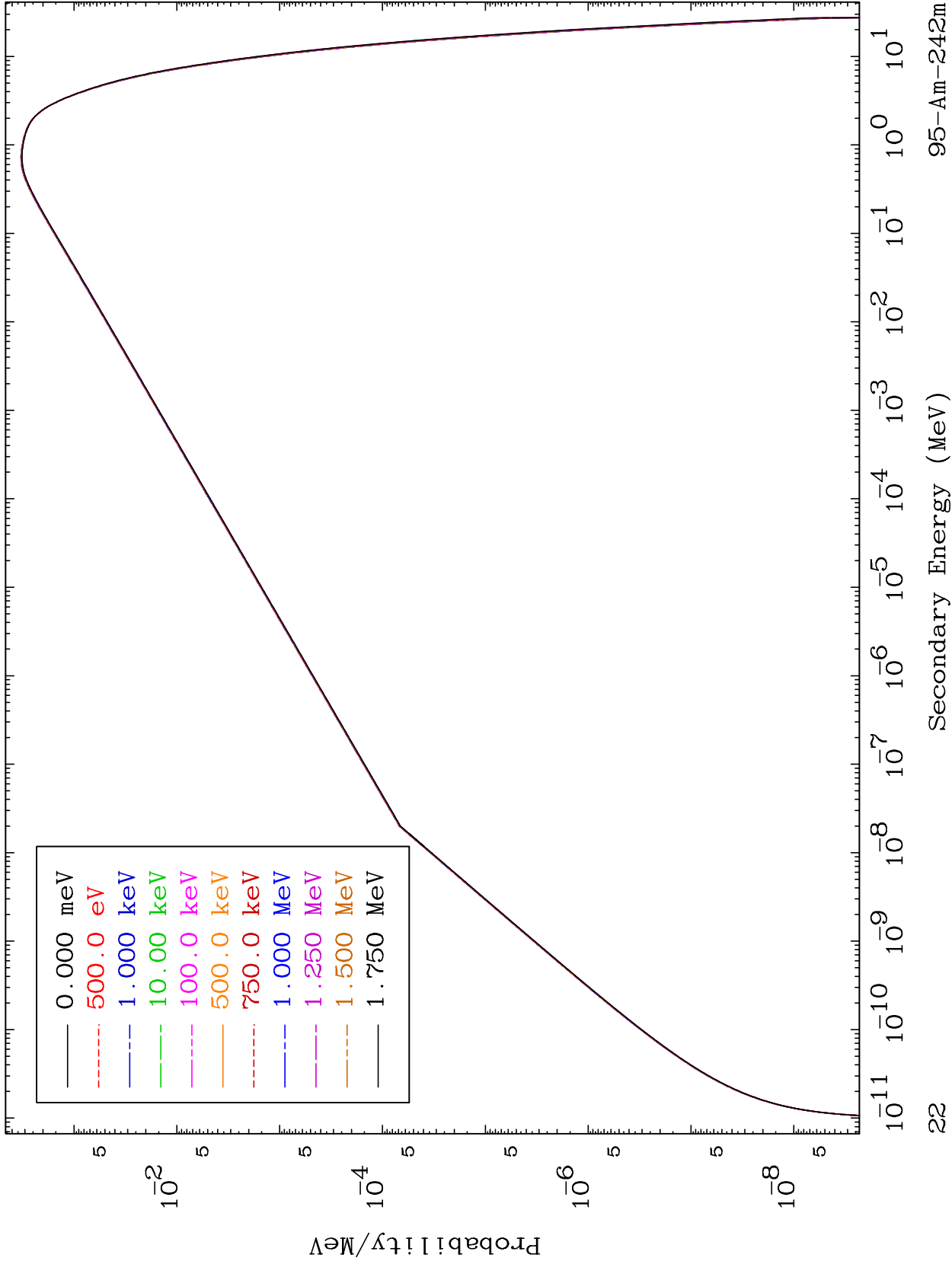
Incident Energy (MeV)

95-Am-242m

MAT 9547

Fission Energy Distributions

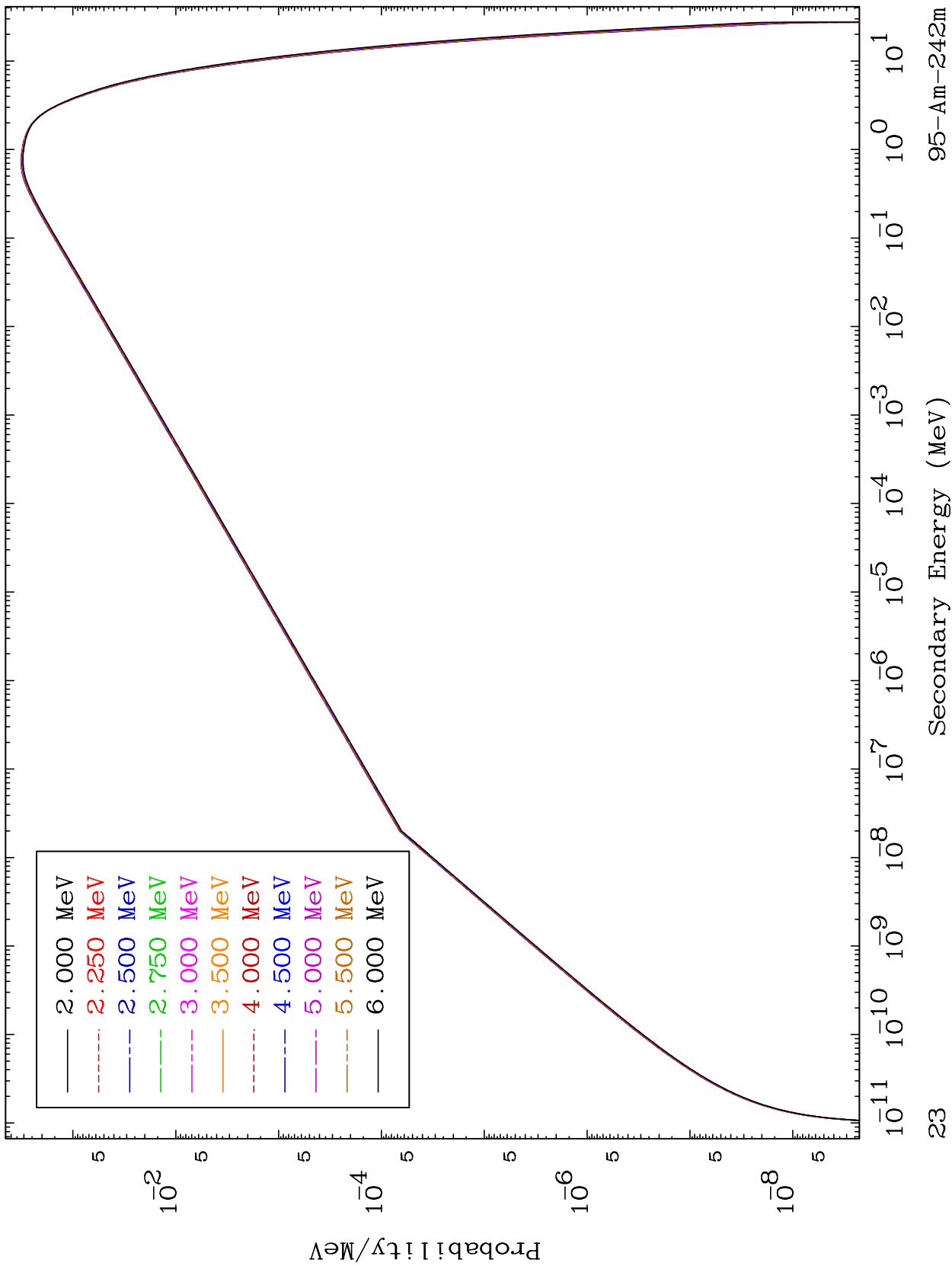
95-Am-242m



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Fission Energy Distributions

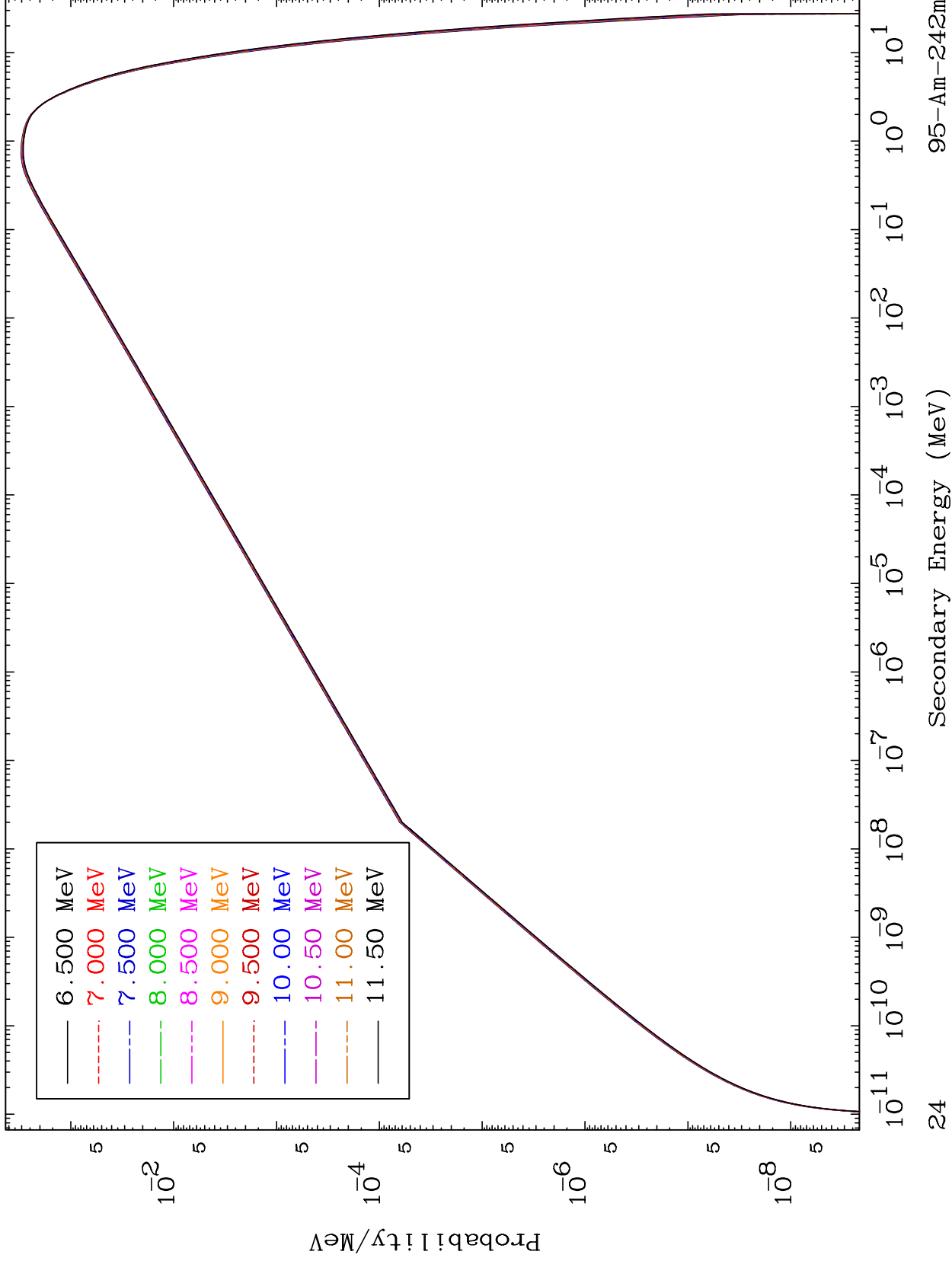
95-Am-242m



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Fission Energy Distributions

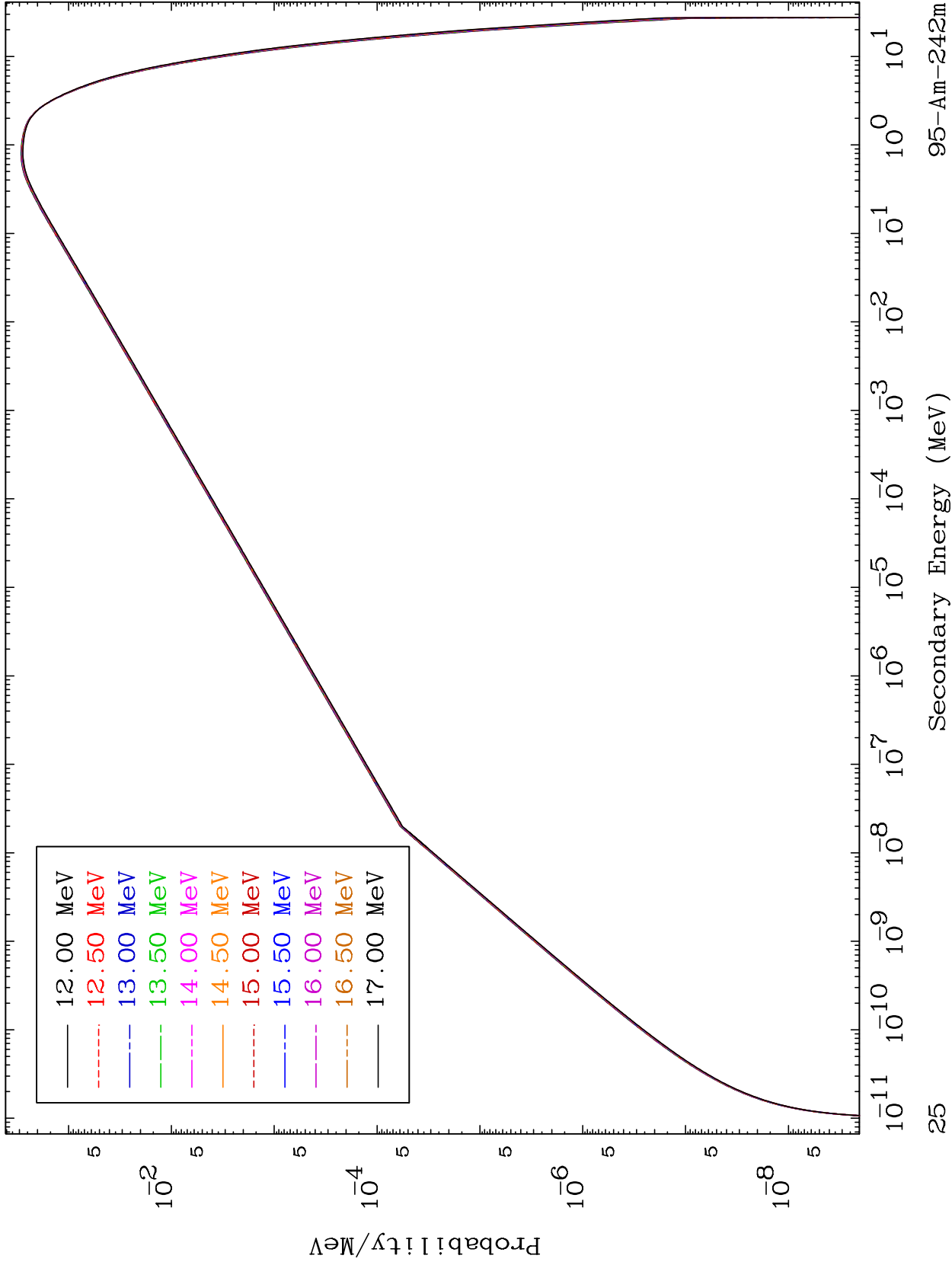
95-Am-242m



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Fission Energy Distributions

95-Am-242m



95-Am-242m

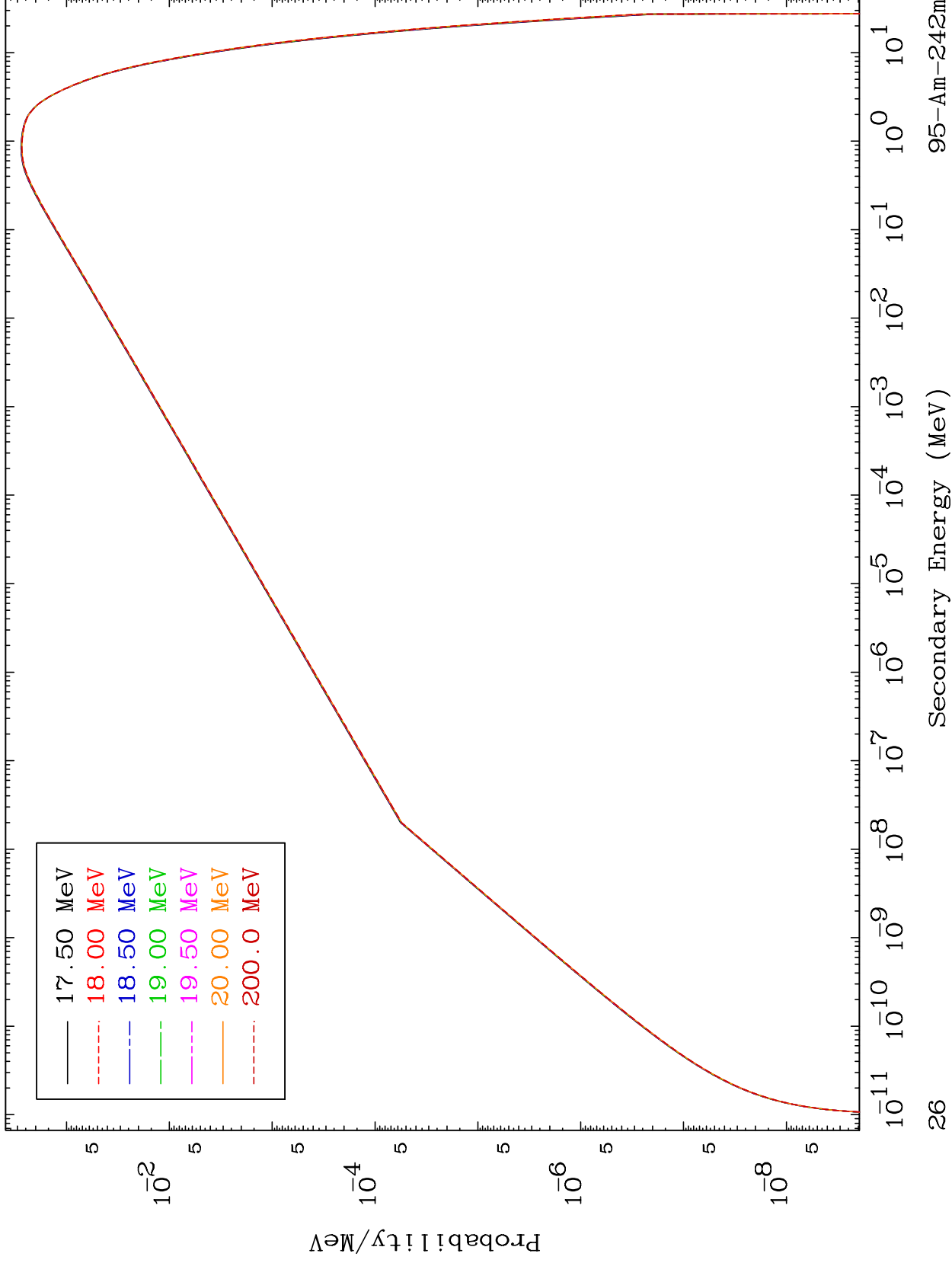
Secondary Energy (MeV)

25

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Fission Energy Distributions

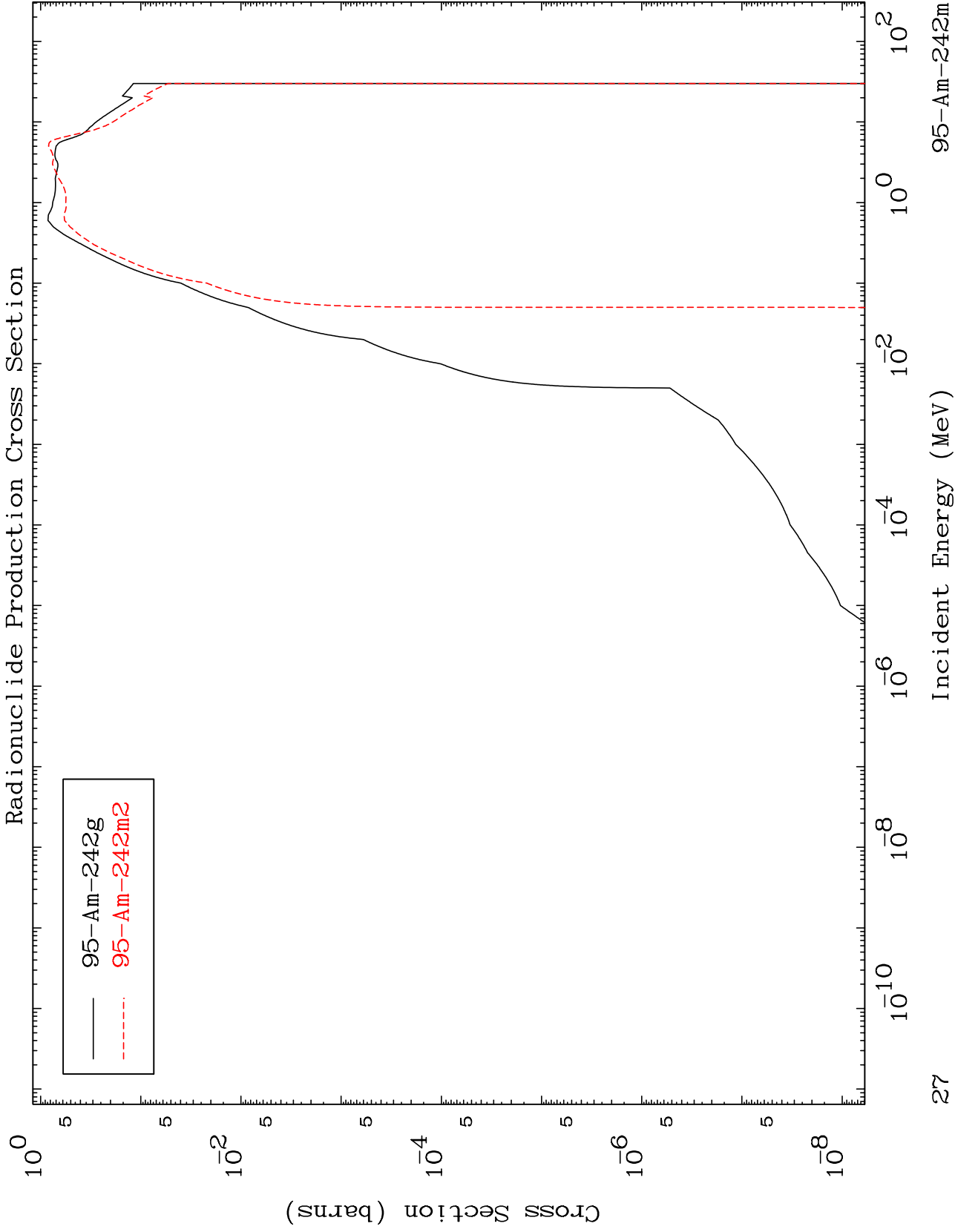
95-Am-242m



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Inelastic
Radionuclide Production Cross Section

95-Am-242m

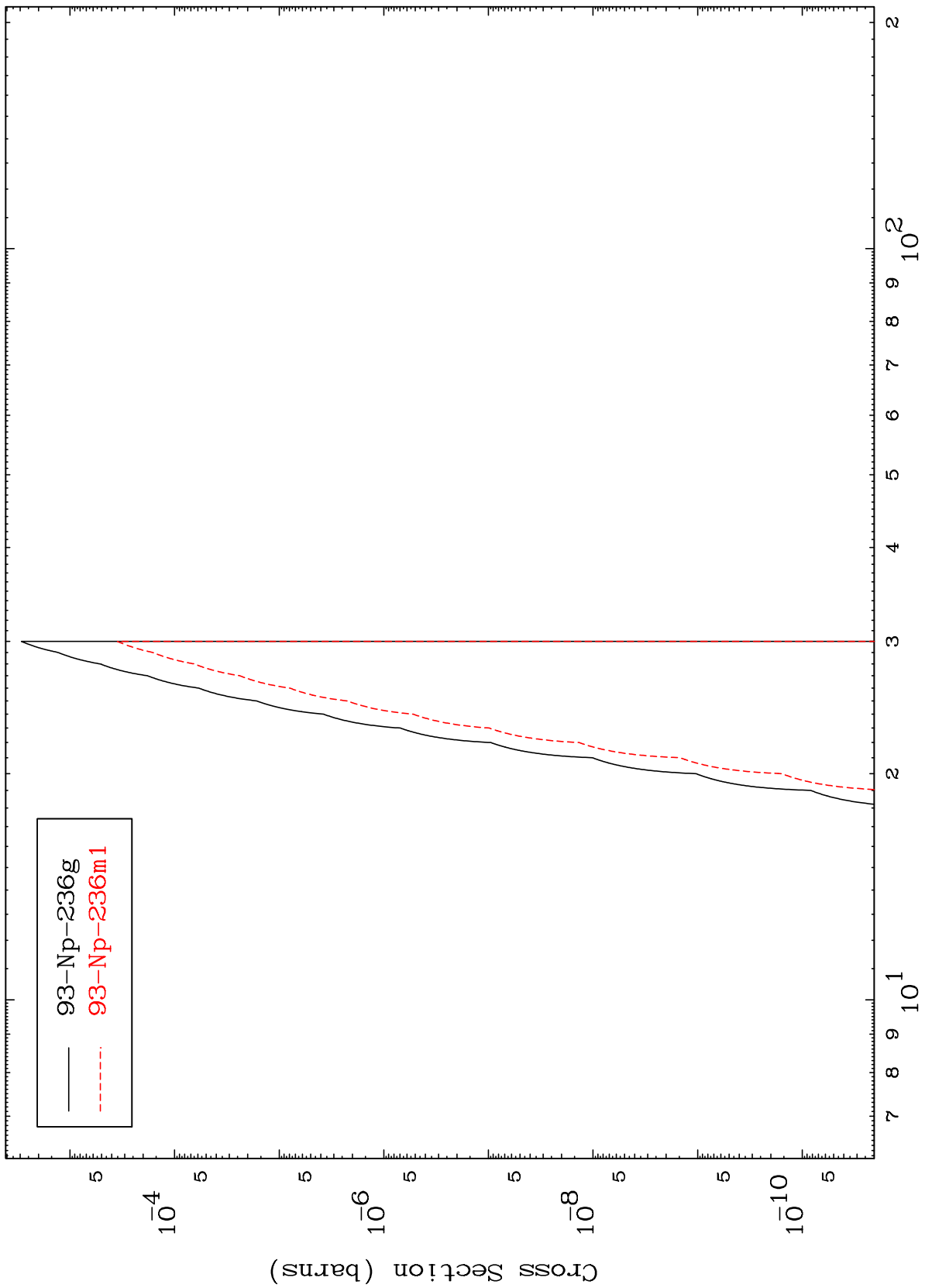


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(n,3n) α

95-Am-242m

Radionuclide Production Cross Section



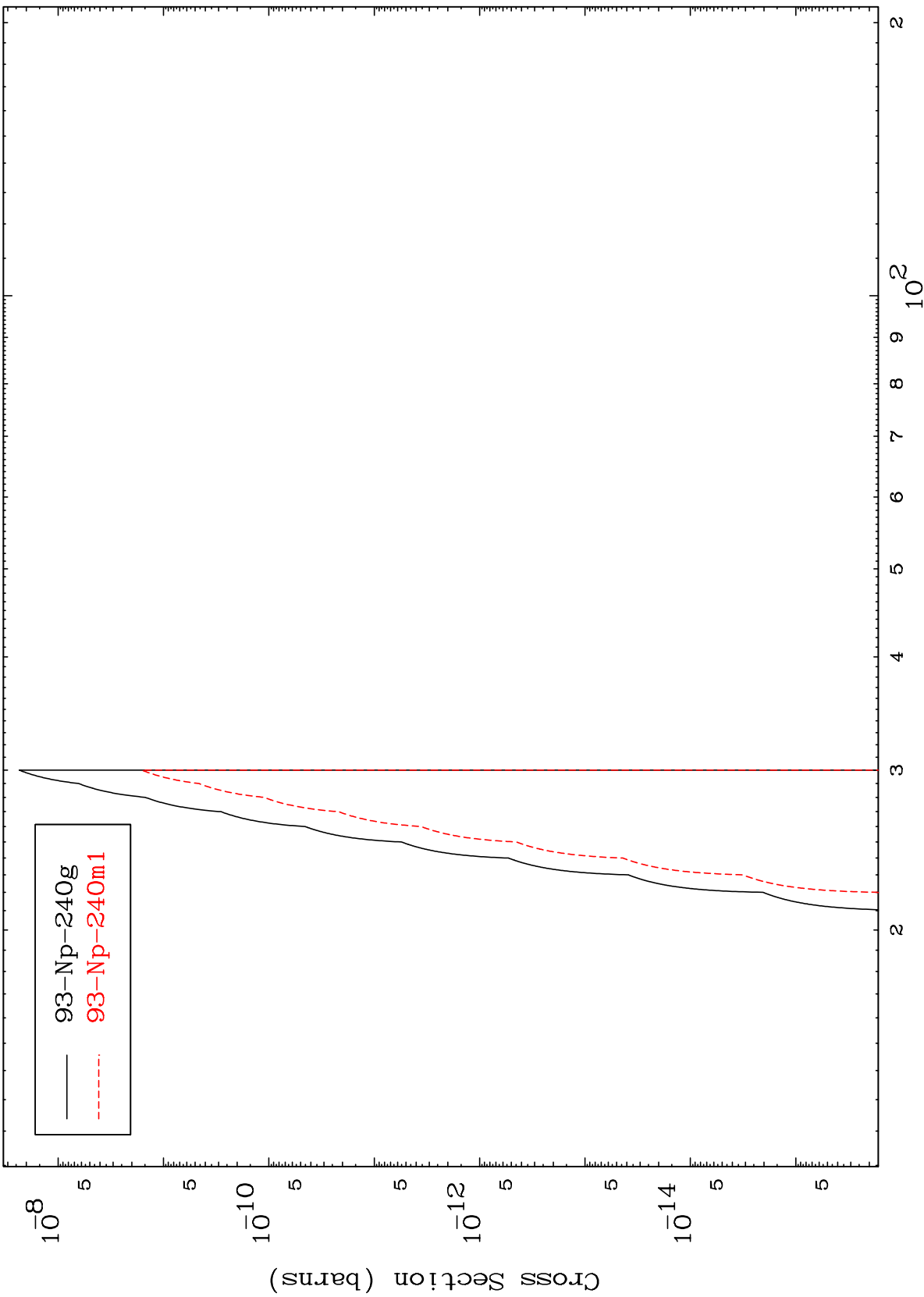
93-Np-236g
93-Np-236m1

MAT 9547

(n,2n) p

95-Am-242m

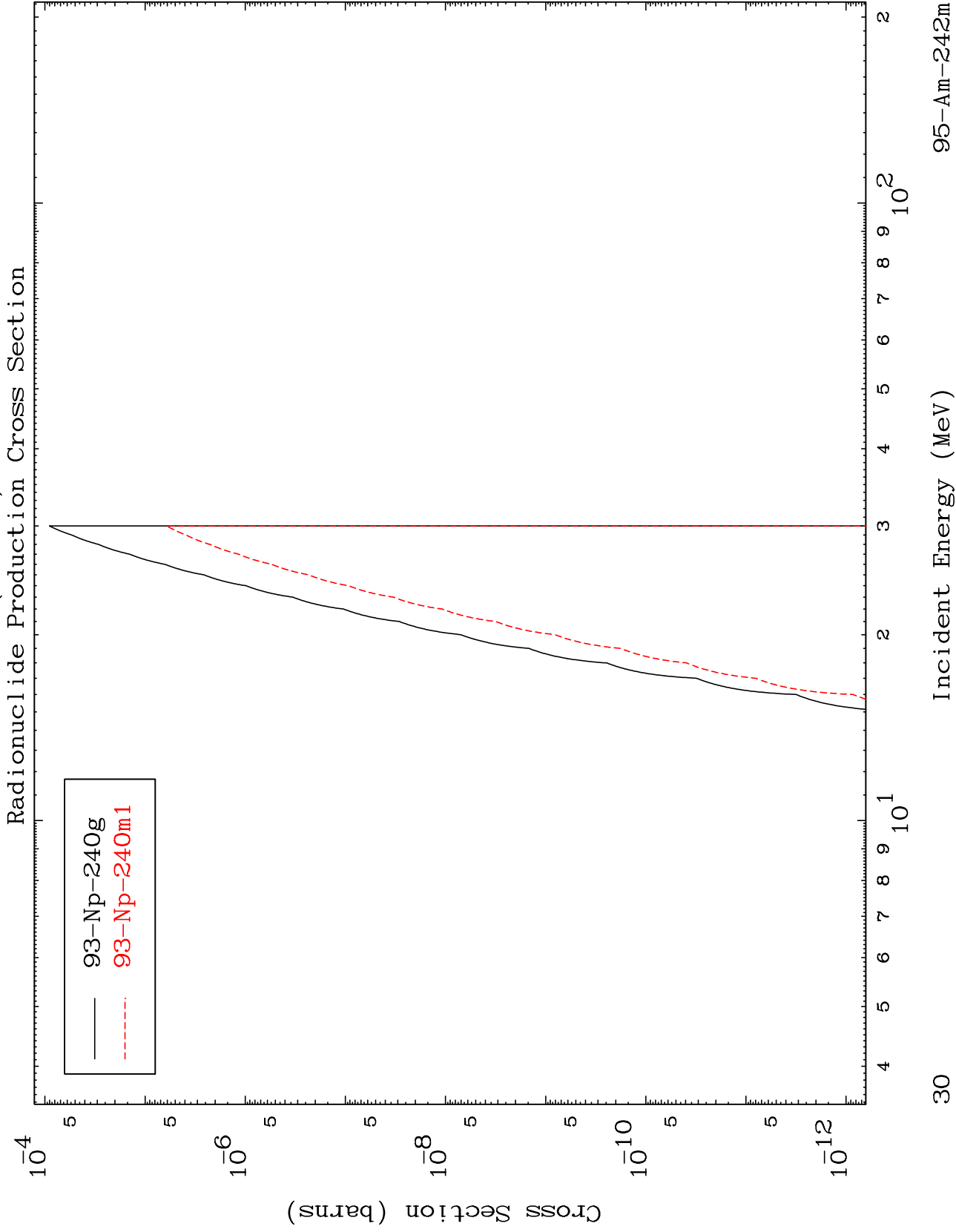
Radionuclide Production Cross Section



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(n,He-3)

95-Am-242m



— 93-Np-240g
- - - 93-Np-240m1