

Program EVALPLOT
(Version 2021-1)

by

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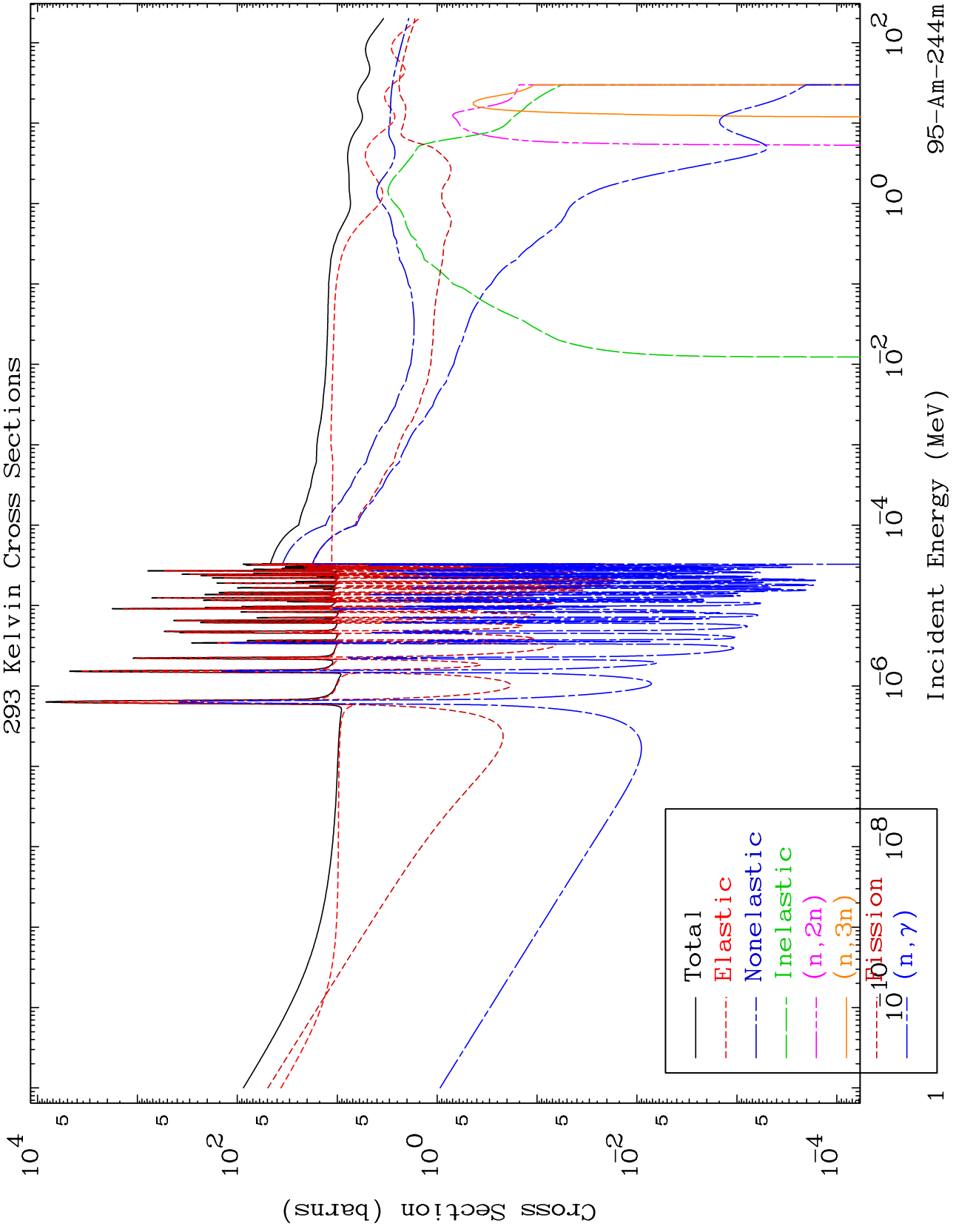
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Press Mouse Button to Start

MAT 9553

Neutron Major
293 Kelvin Cross Sections

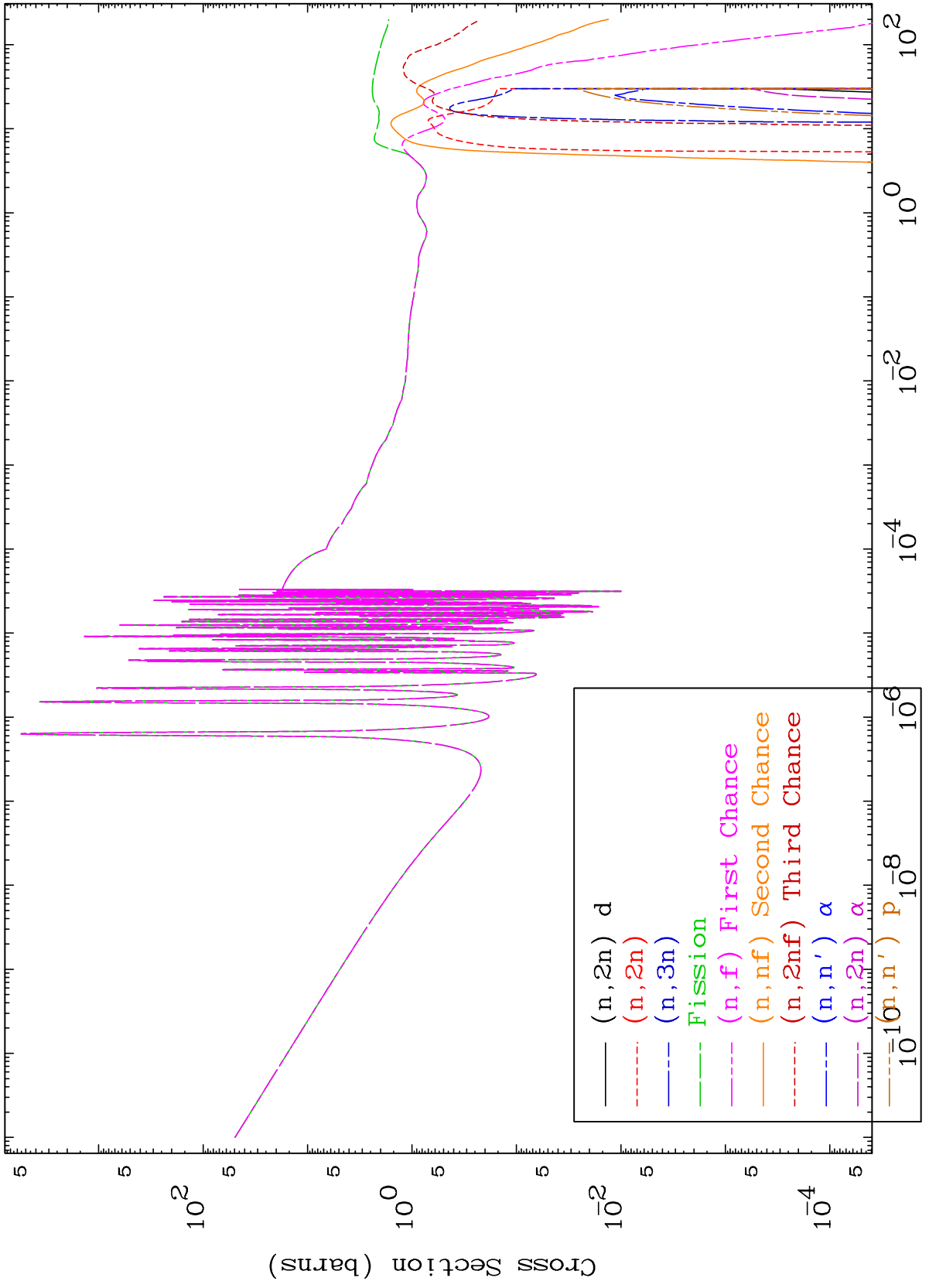
95-Am-244m



MAT 9553

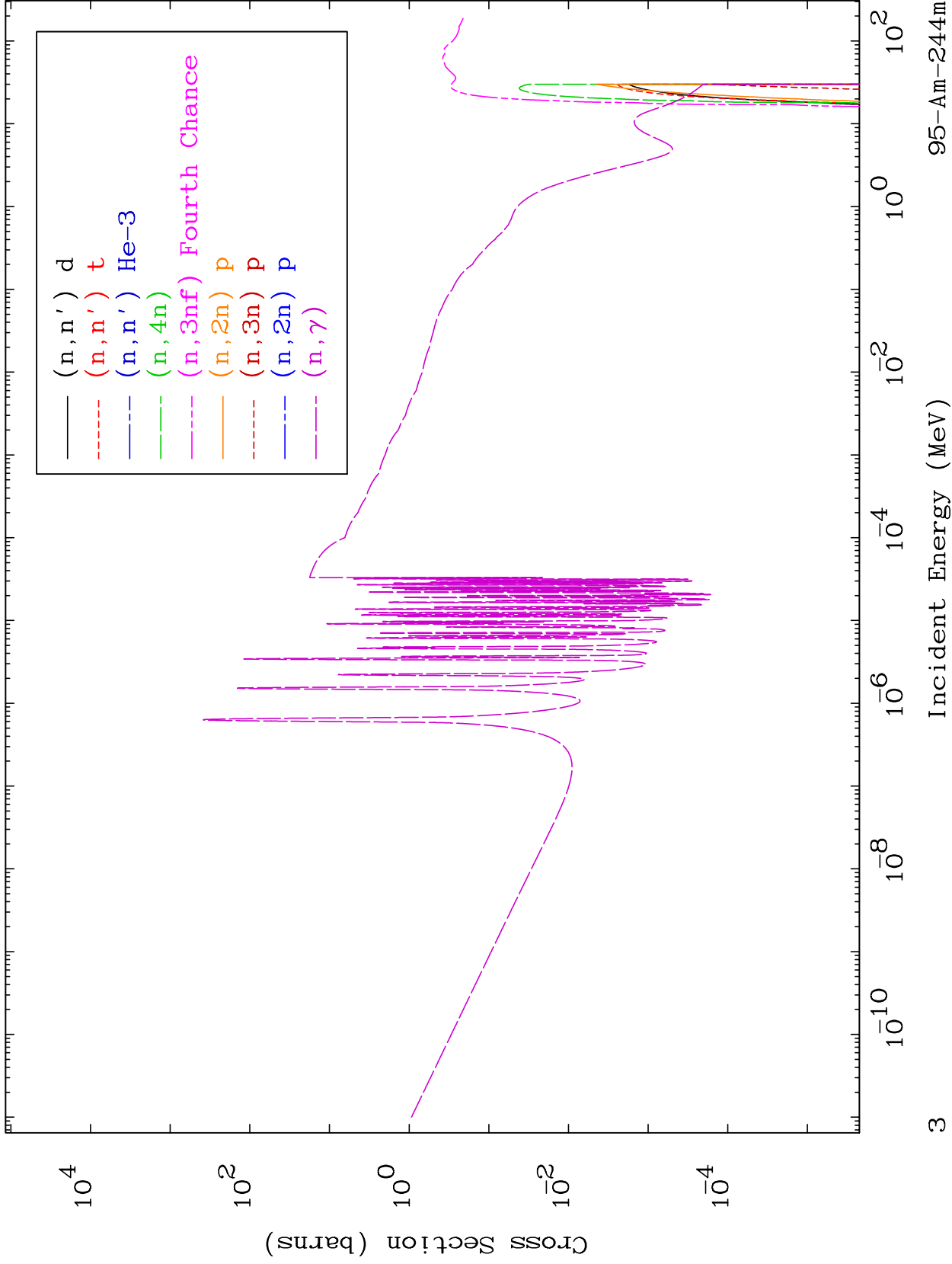
Neutron Absorption
293 Kelvin Cross Sections

95-Am-244m



95-Am-244m

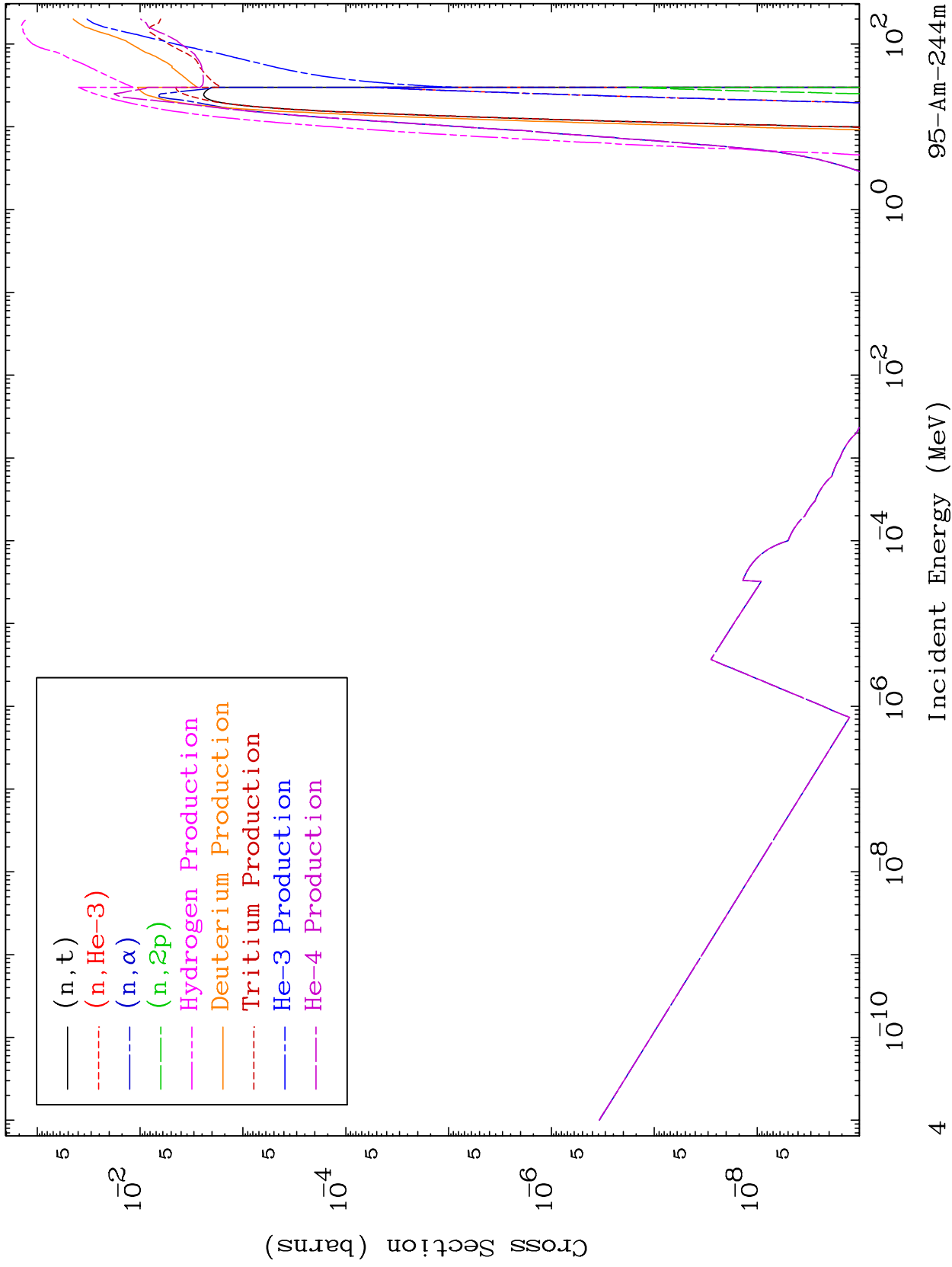
Incident Energy (MeV)



MAT 9553

Neutron Absorption
293 Kelvin Cross Sections

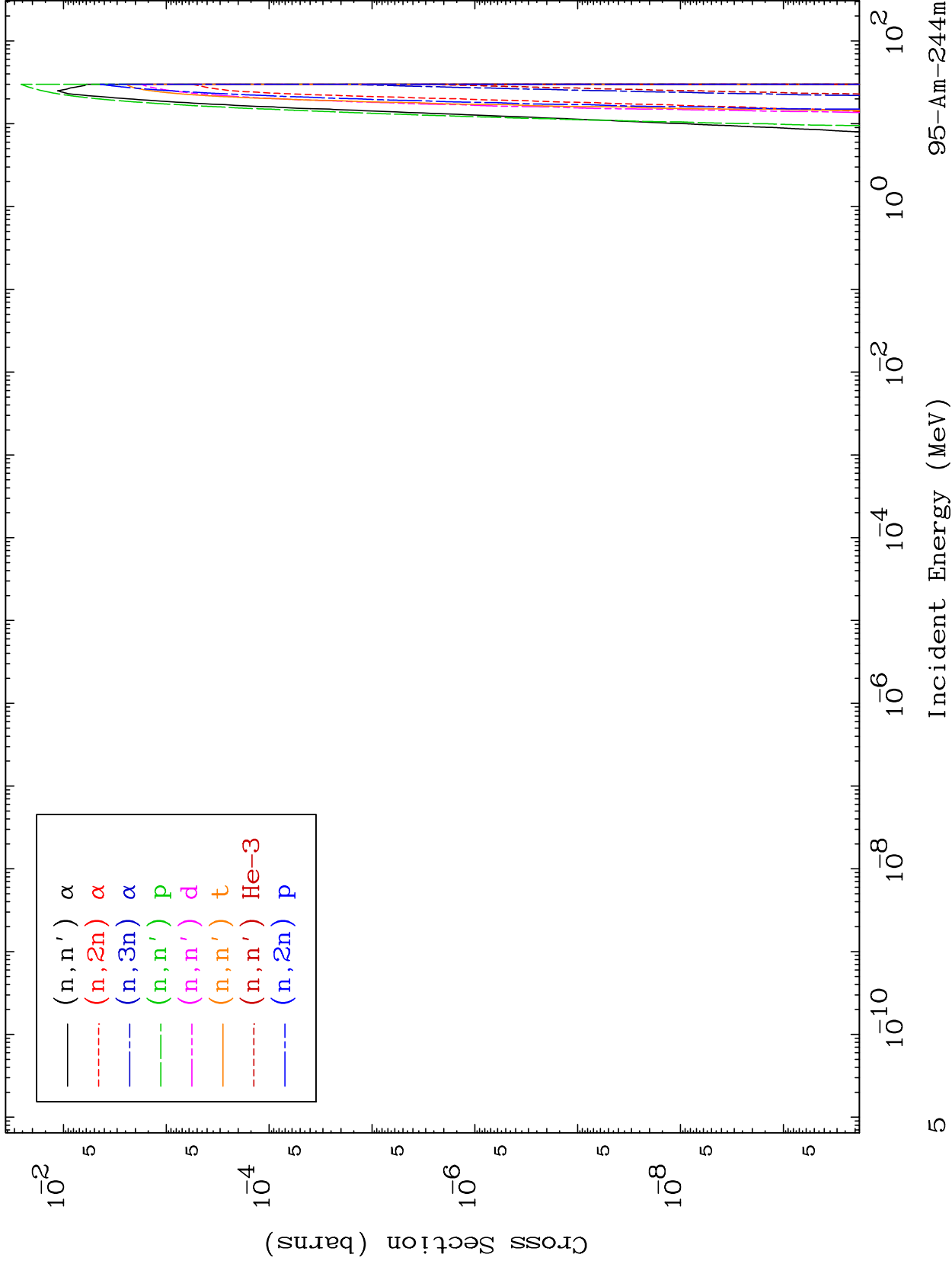
95-Am-244m



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Charged Particle
293 Kelvin Cross Sections

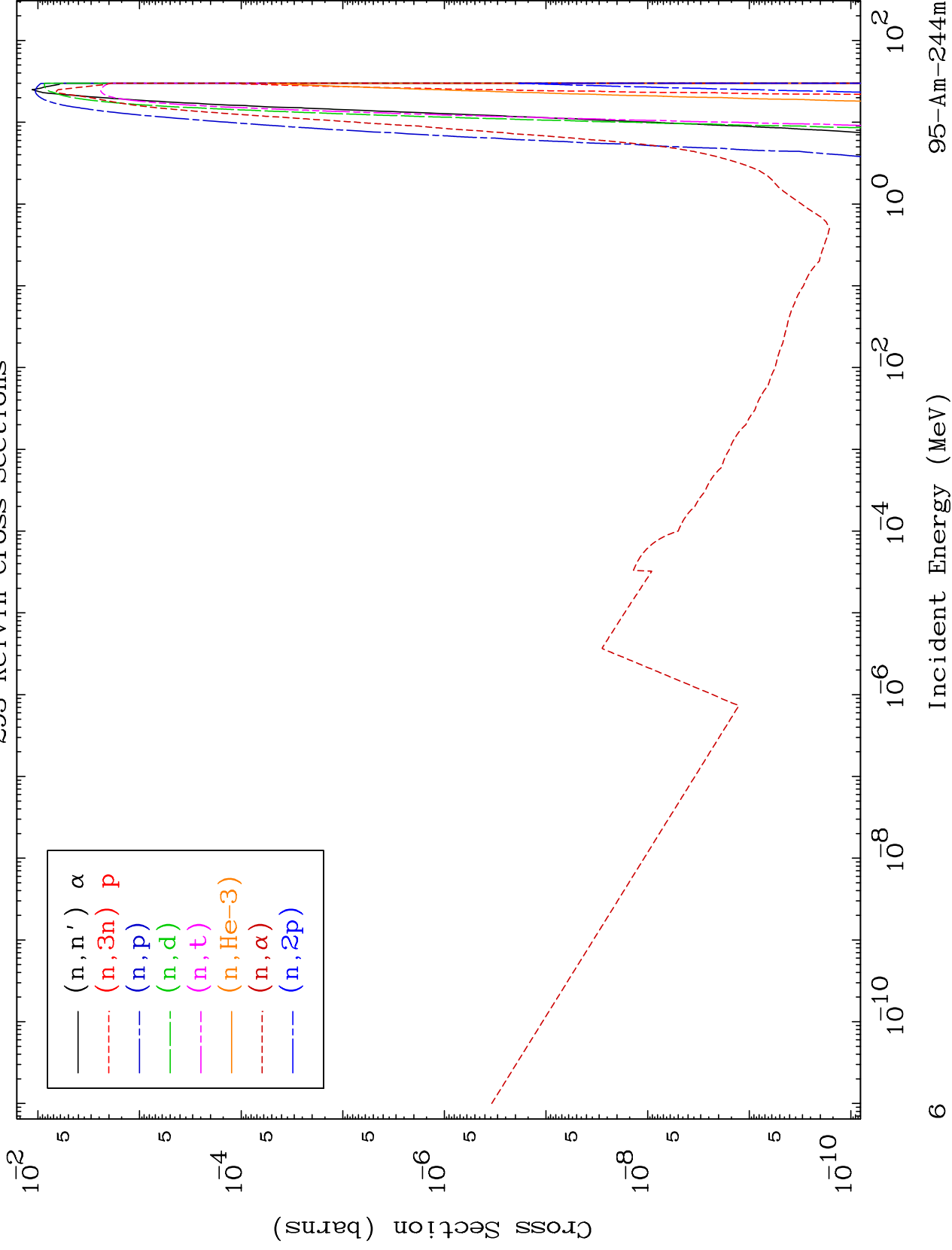
95-Am-244m



MAT 9553

Charged Particle
293 Kelvin Cross Sections

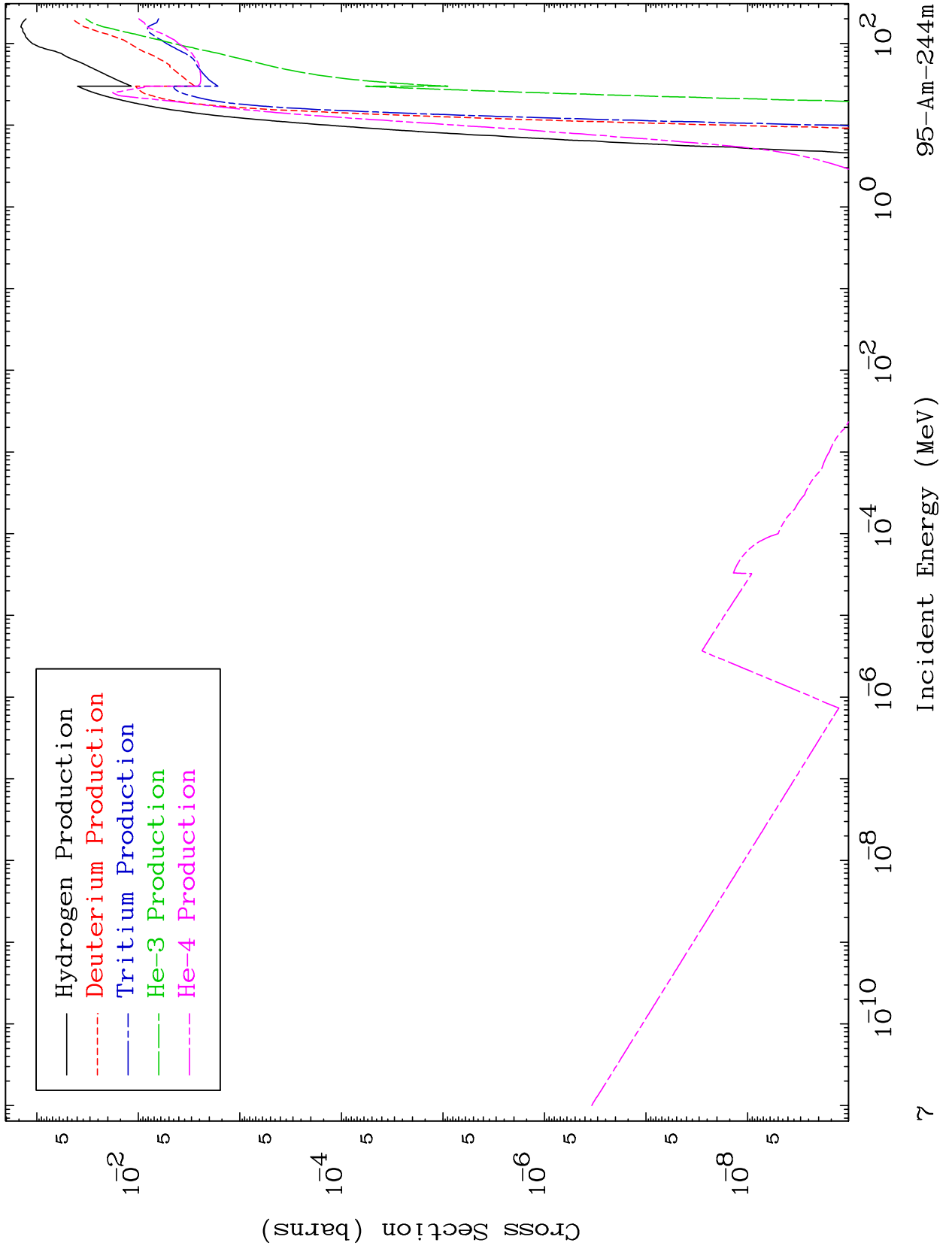
95-Am-244m



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Particle Production
293 Kelvin Cross Sections

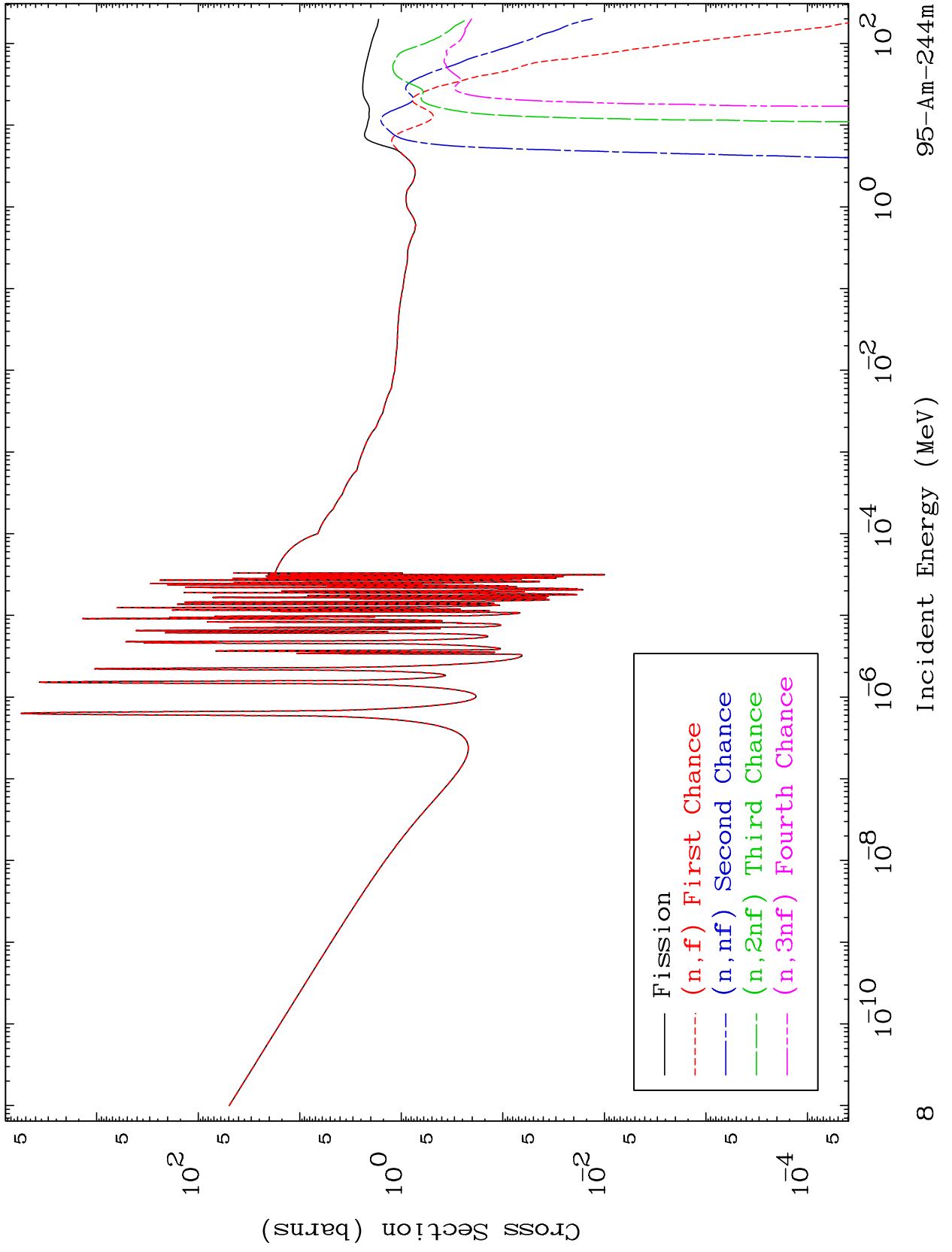
95-Am-244m

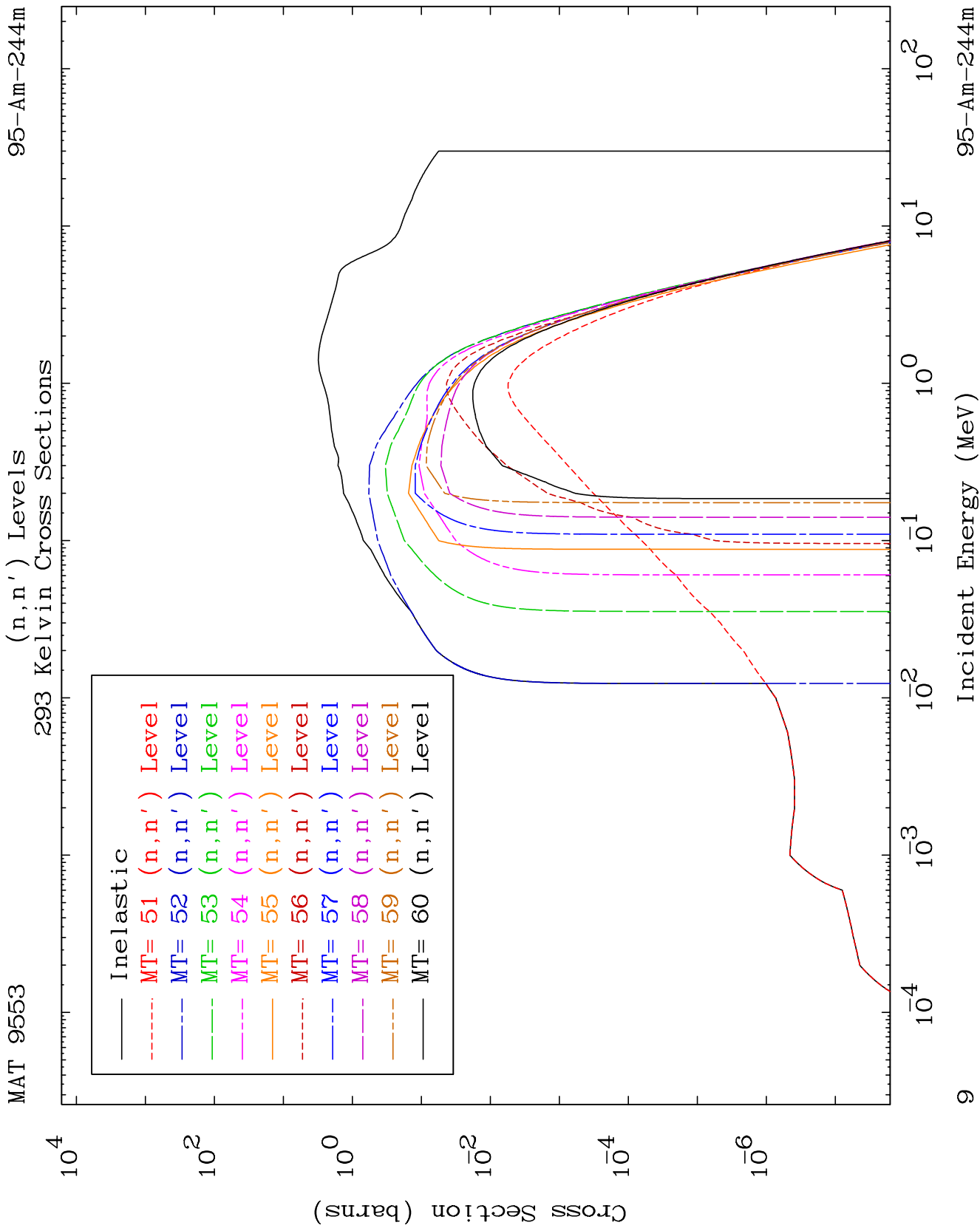


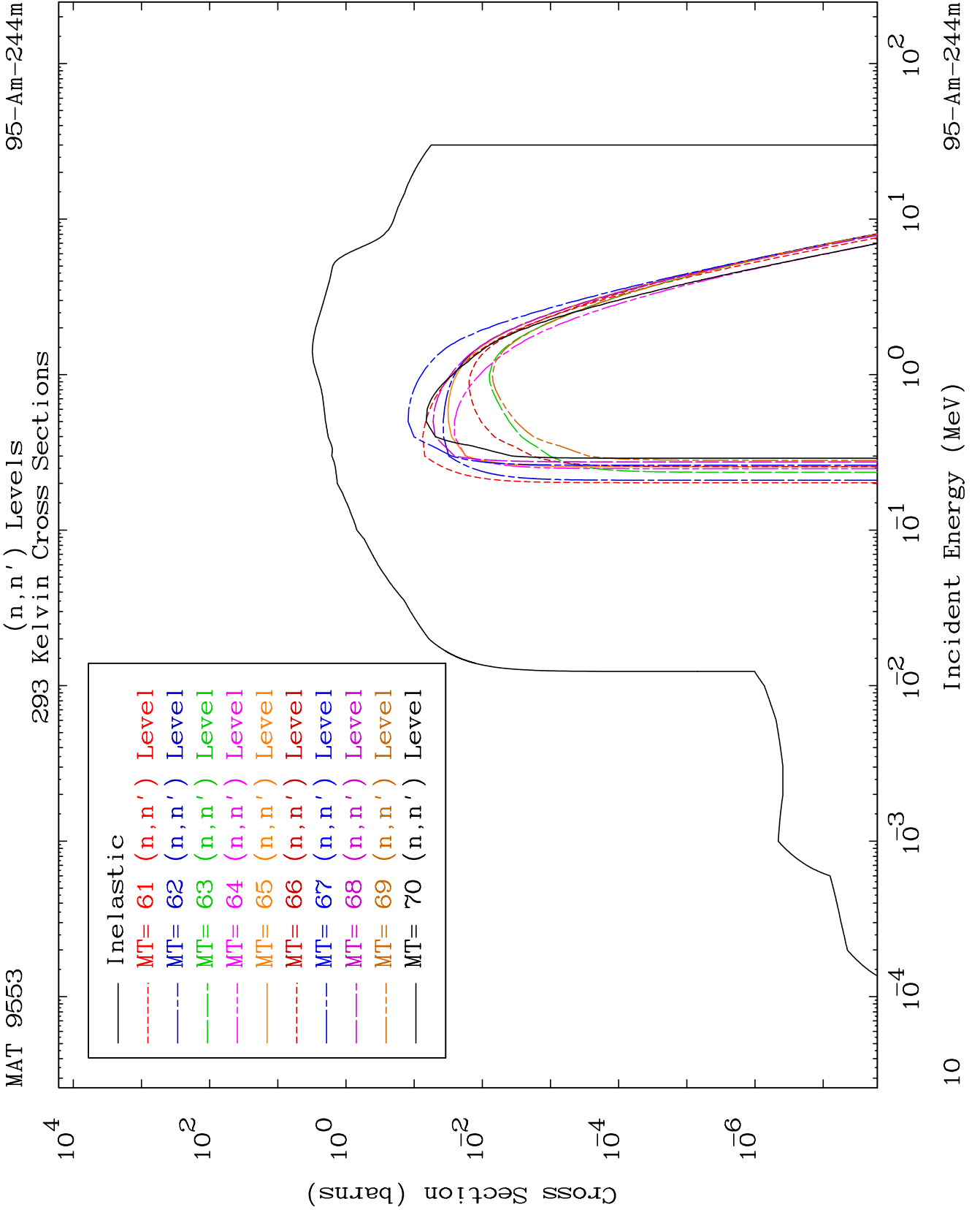
MAT 9553

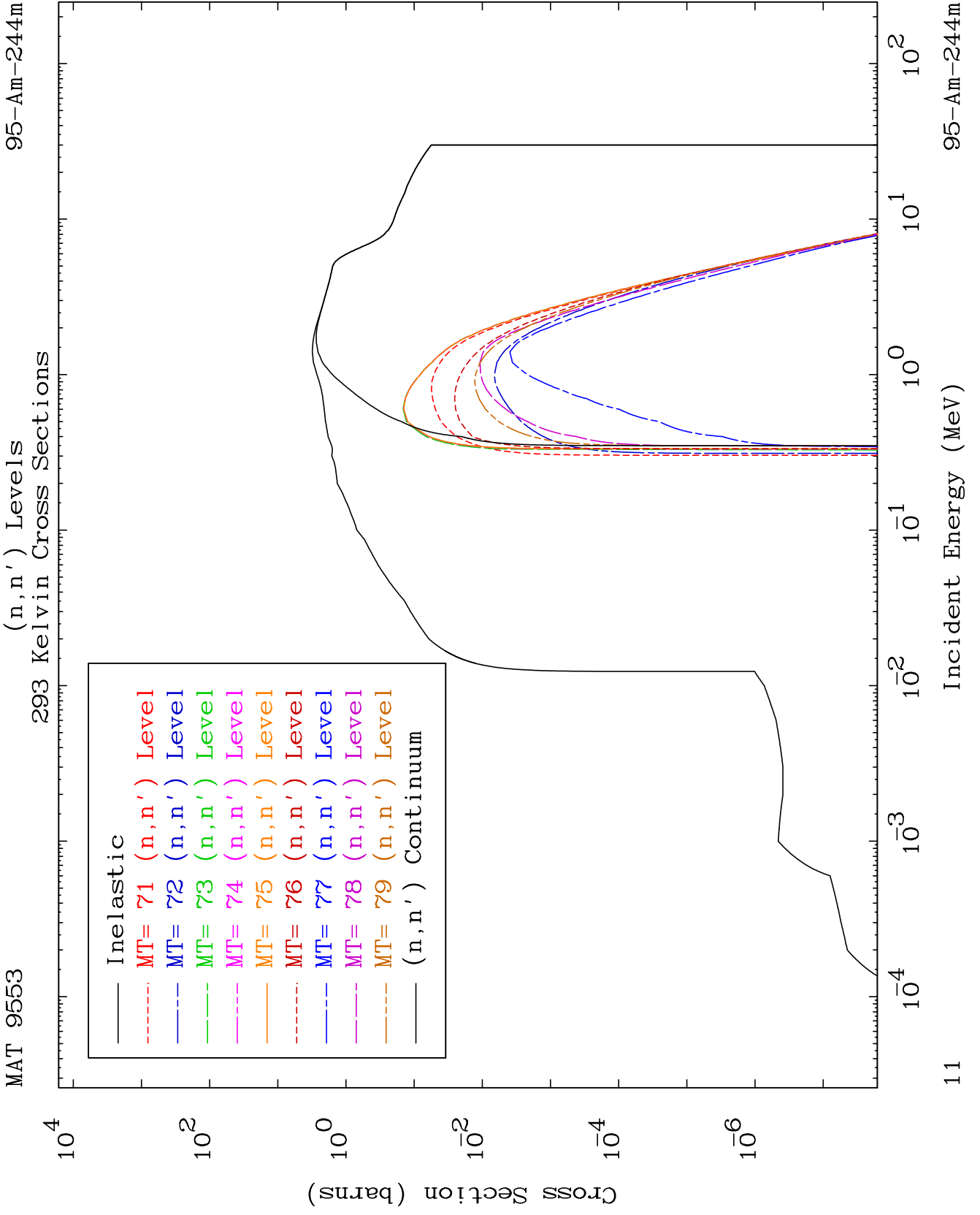
Fission
293 Kelvin Cross Sections

95-Am-244m





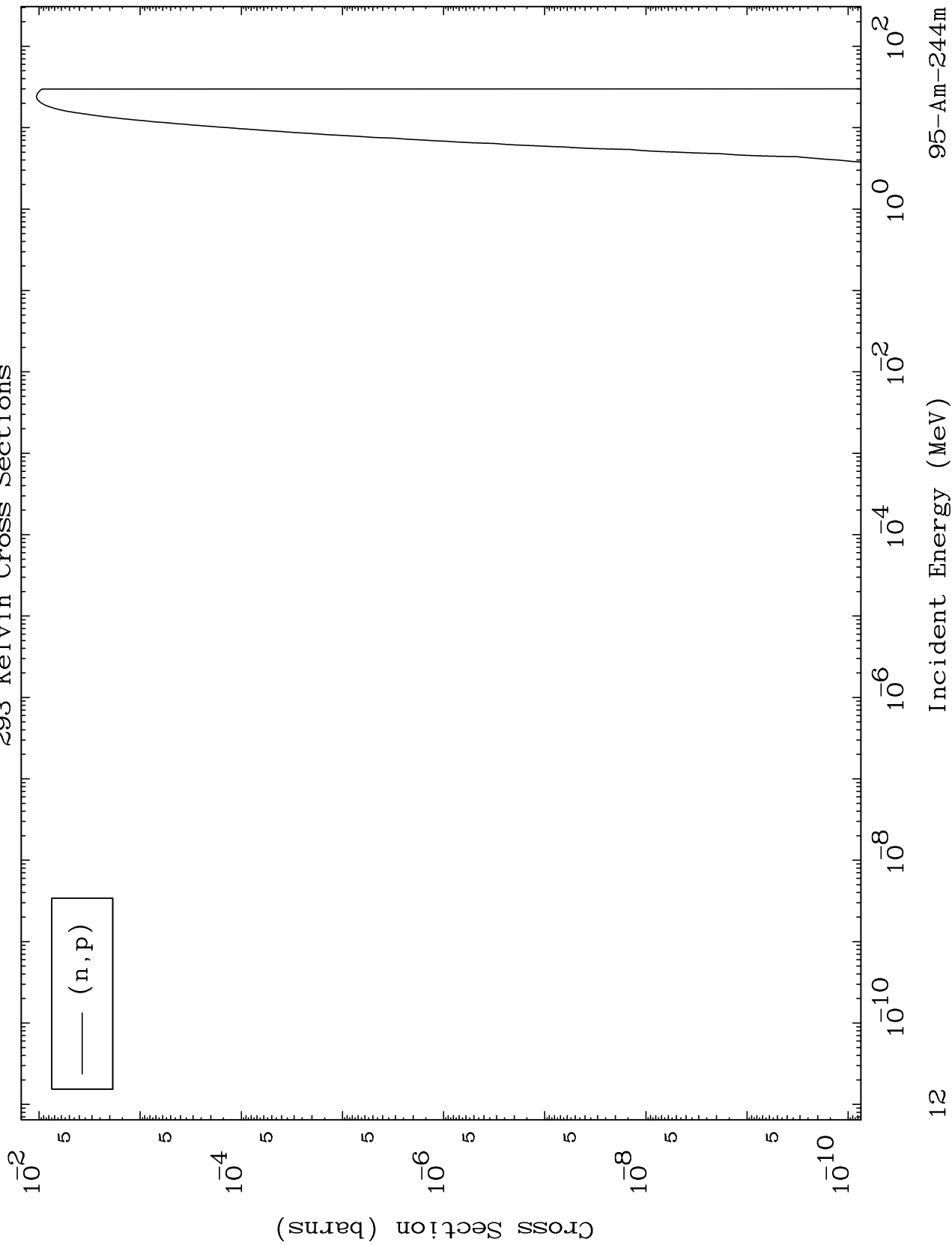




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(n,p) Levels
293 Kelvin Cross Sections

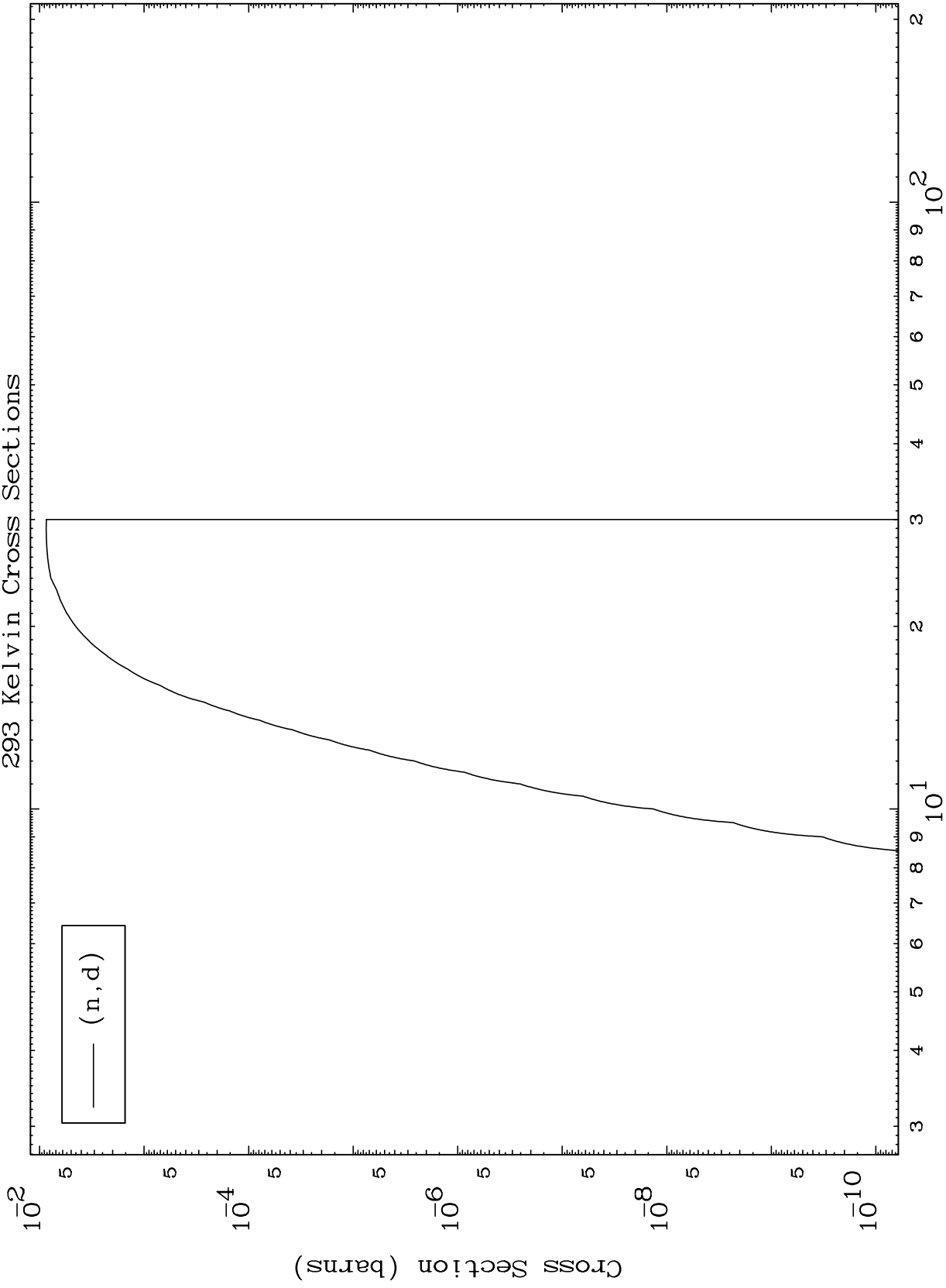
95-Am-244m



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(n,d) Levels
293 Kelvin Cross Sections

95-Am-244m



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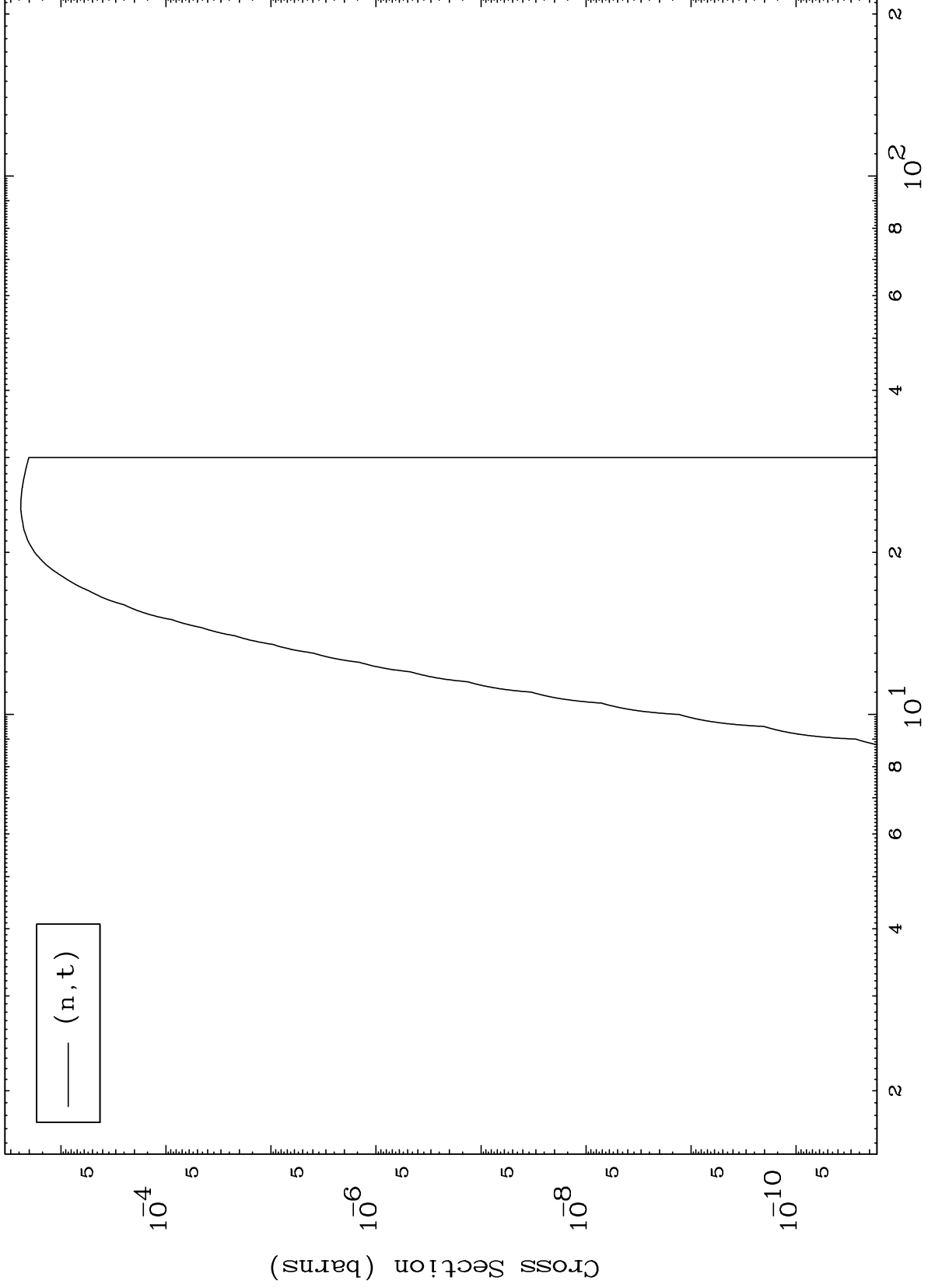
Incident Energy (MeV)

95-Am-244m

MAT 9553

(n,t) Levels
293 Kelvin Cross Sections

95-Am-244m



14

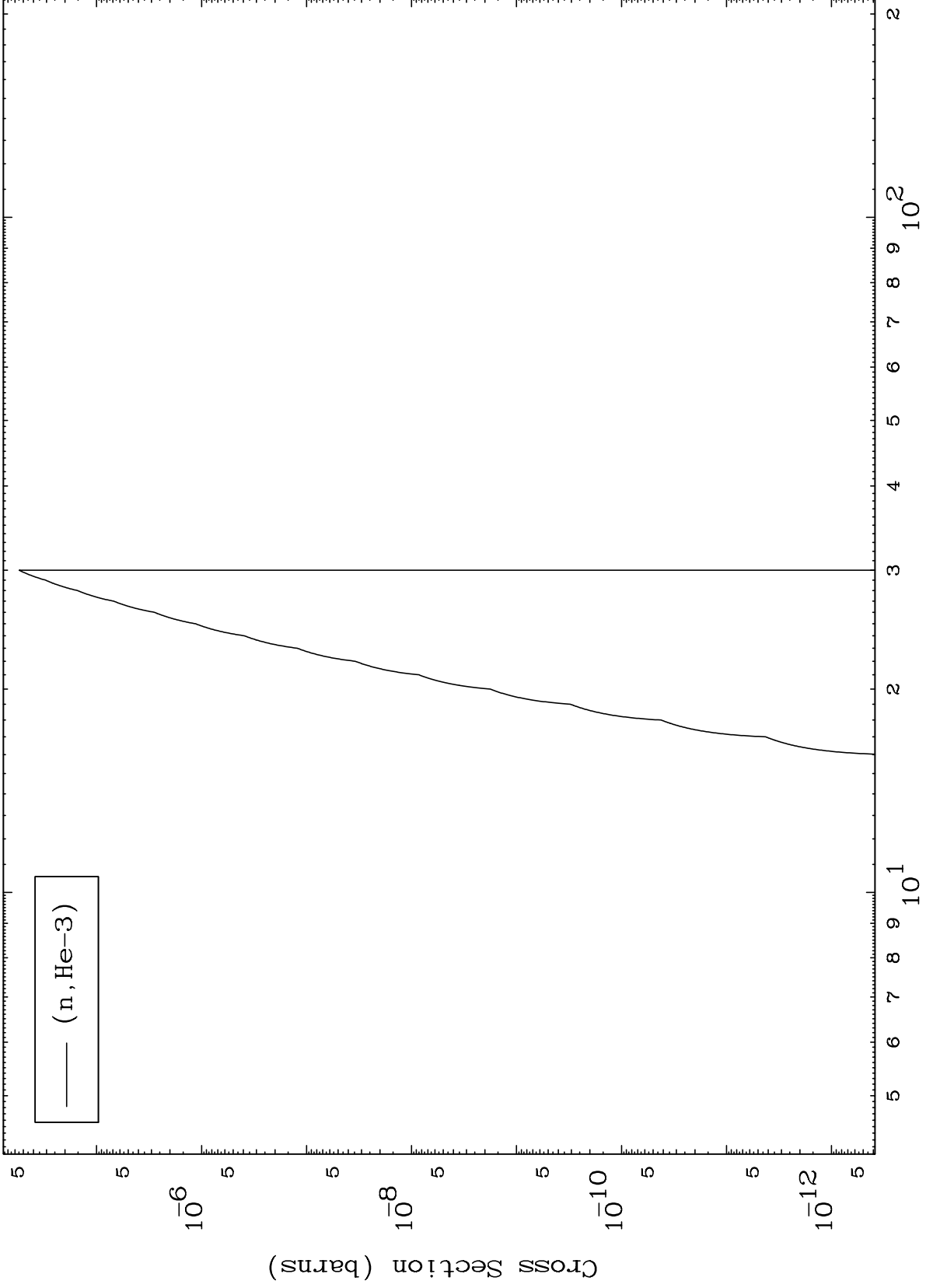
Incident Energy (MeV)

95-Am-244m

MAT 9553

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-244m



15

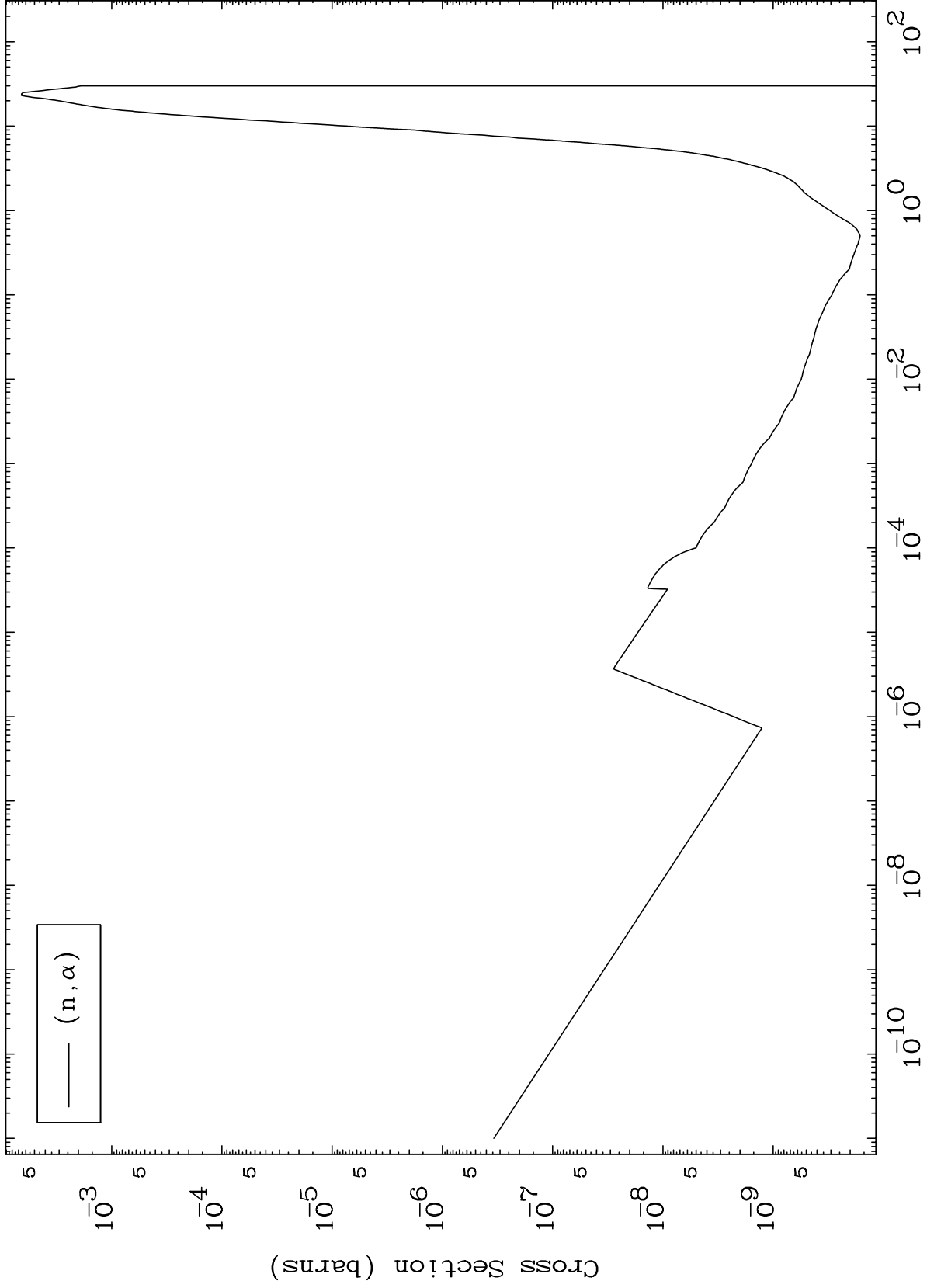
Incident Energy (MeV)

95-Am-244m

MAT 9553

(n, α) Levels
293 Kelvin Cross Sections

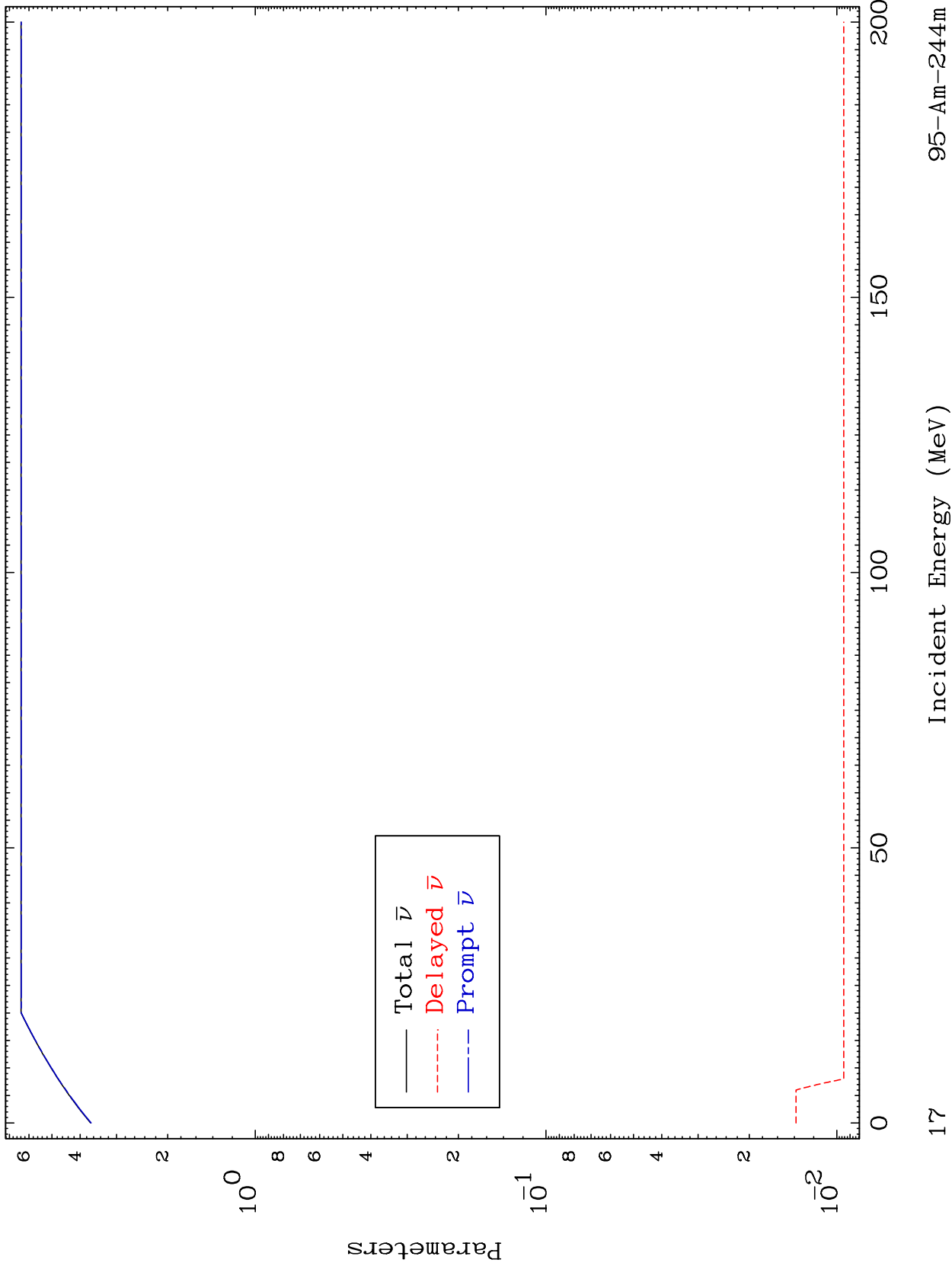
95-Am-244m



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Energy Release
Parameters

95-Am-244m



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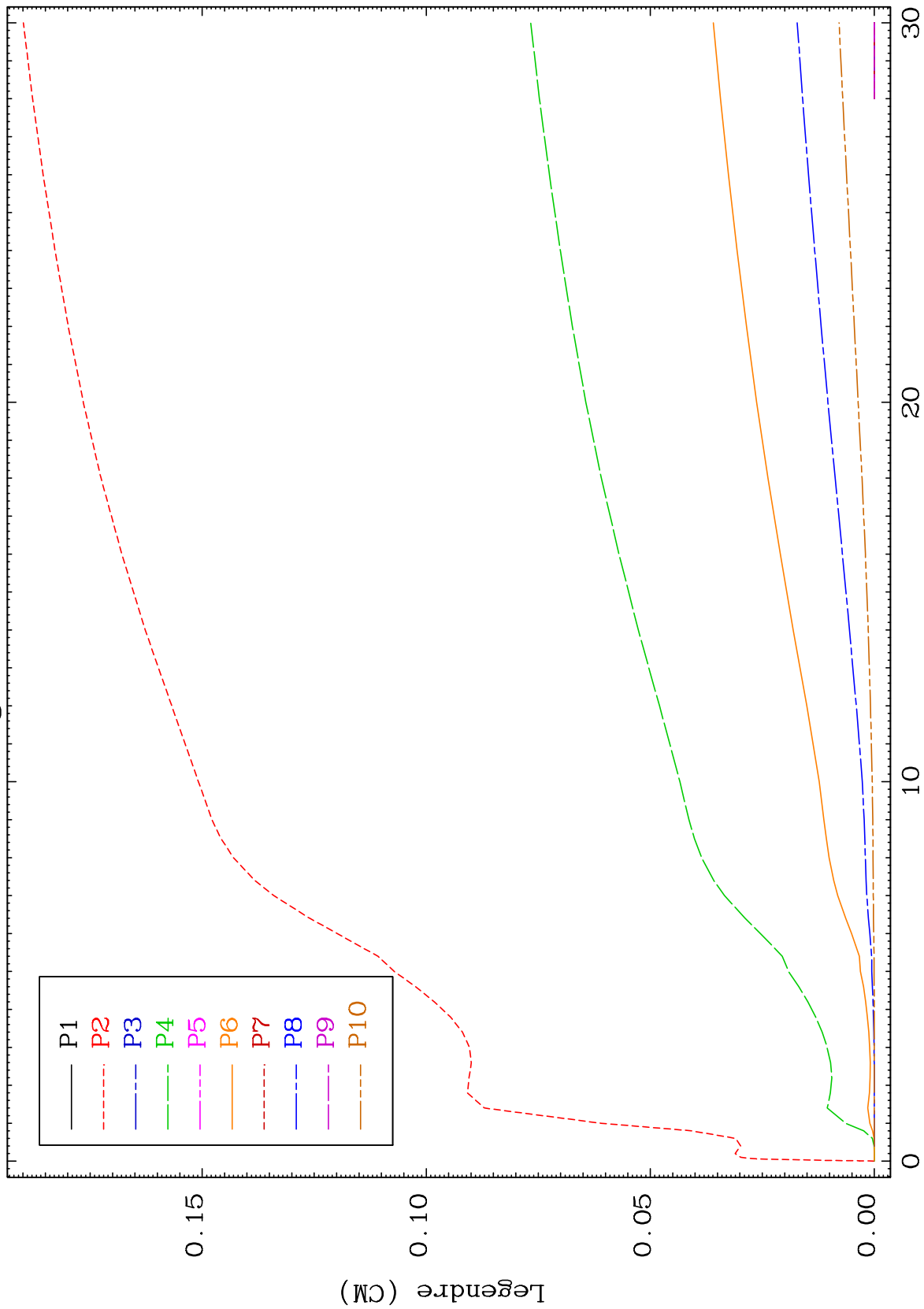
Incident Energy (MeV)

95-Am-244m

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Elastic Legendre Coefficients

95-Am-244m



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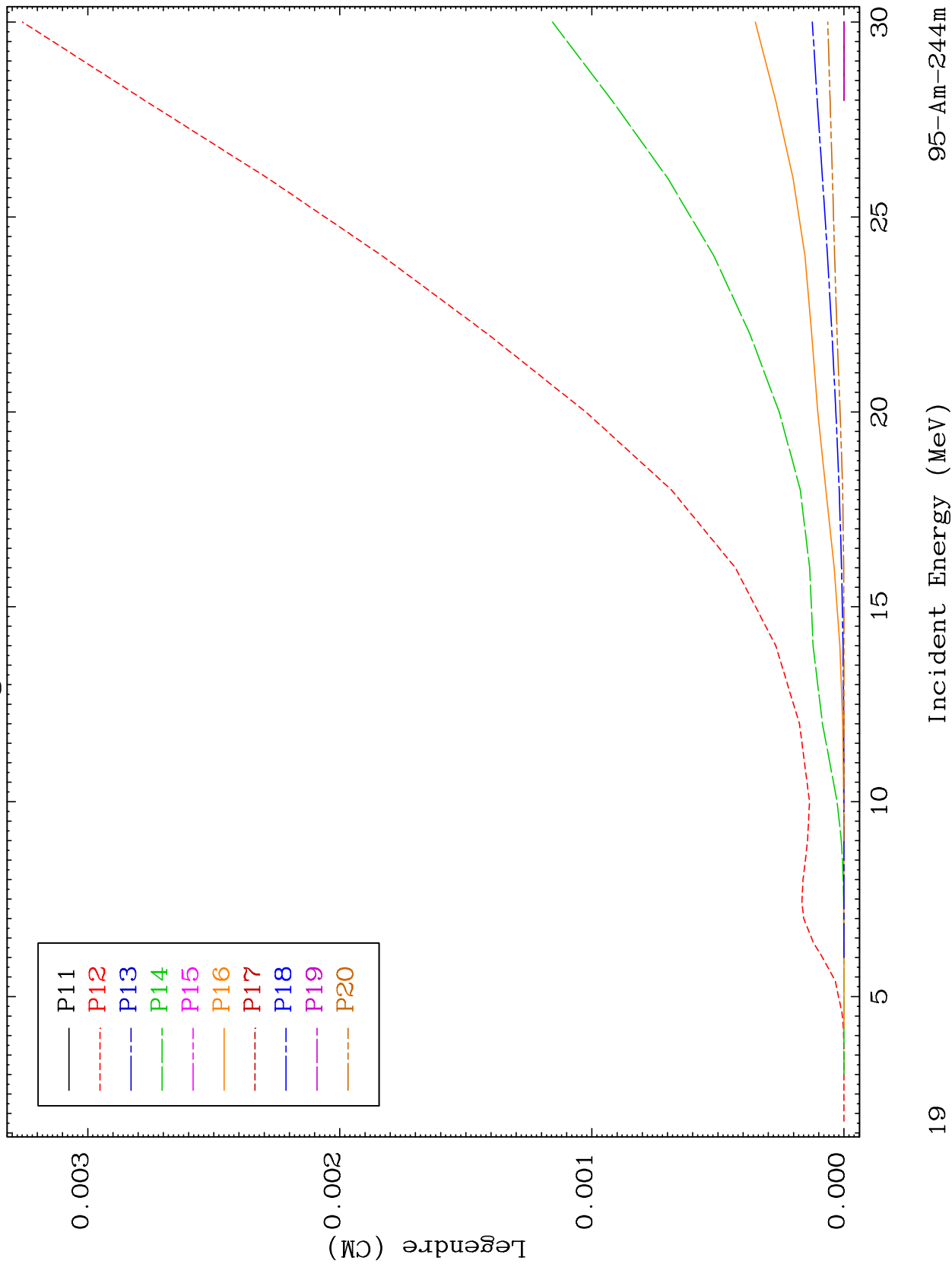
Incident Energy (MeV)

95-Am-244m

MAT 9553

Elastic Legendre Coefficients

95-Am-244m



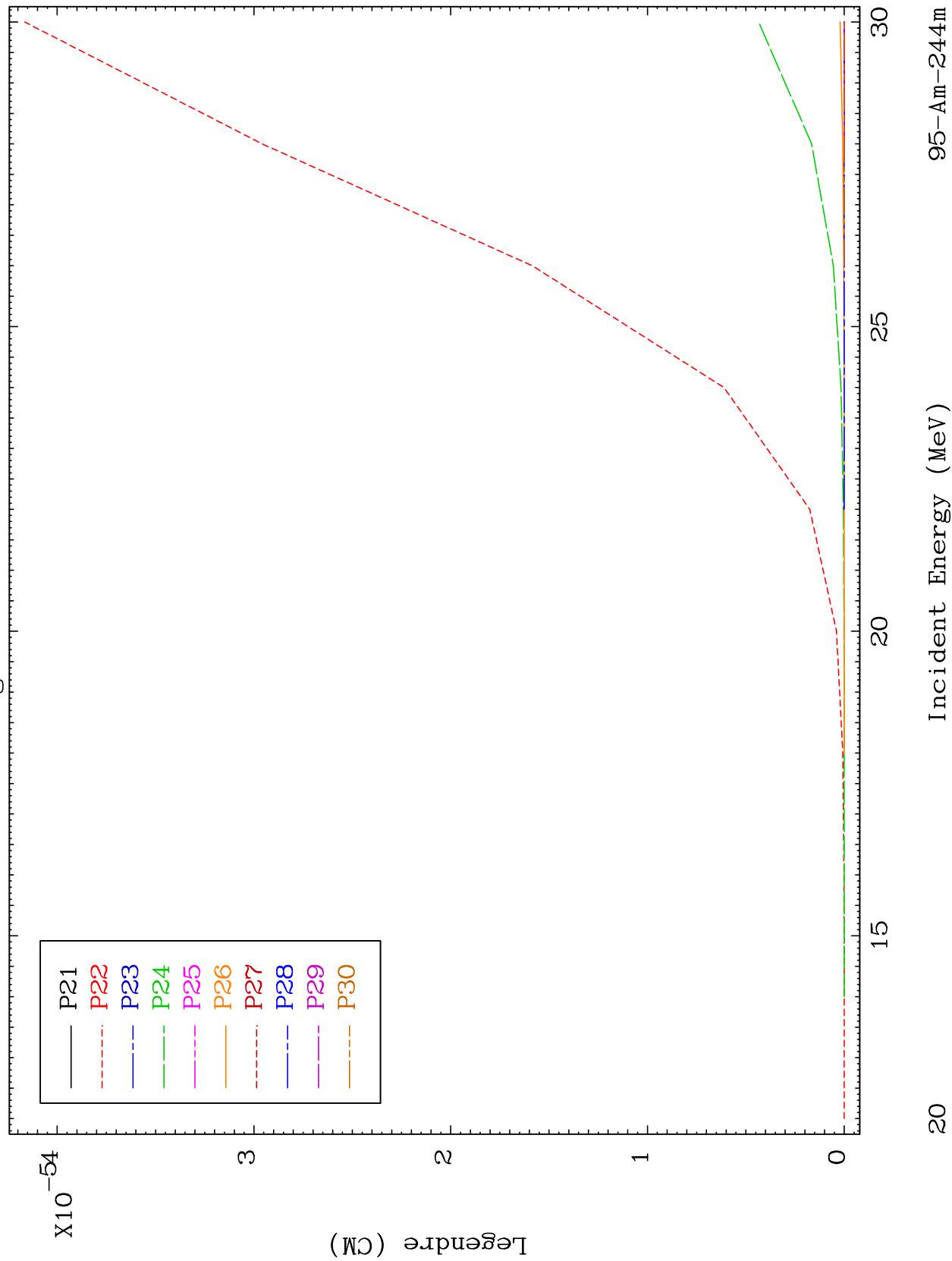
19

95-Am-244m

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Elastic
Legendre Coefficients

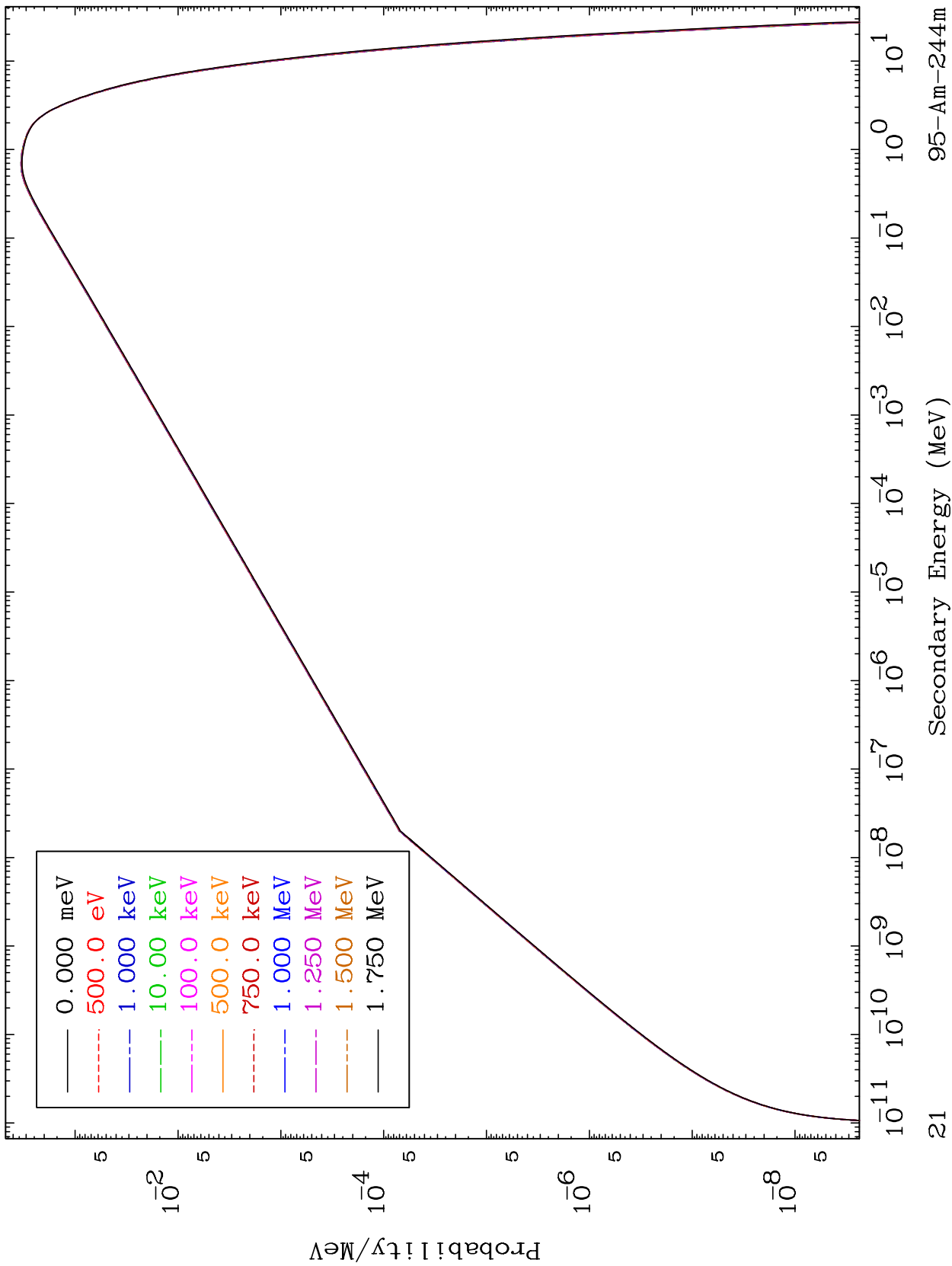
95-Am-244m



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Fission Energy Distributions

95-Am-244m



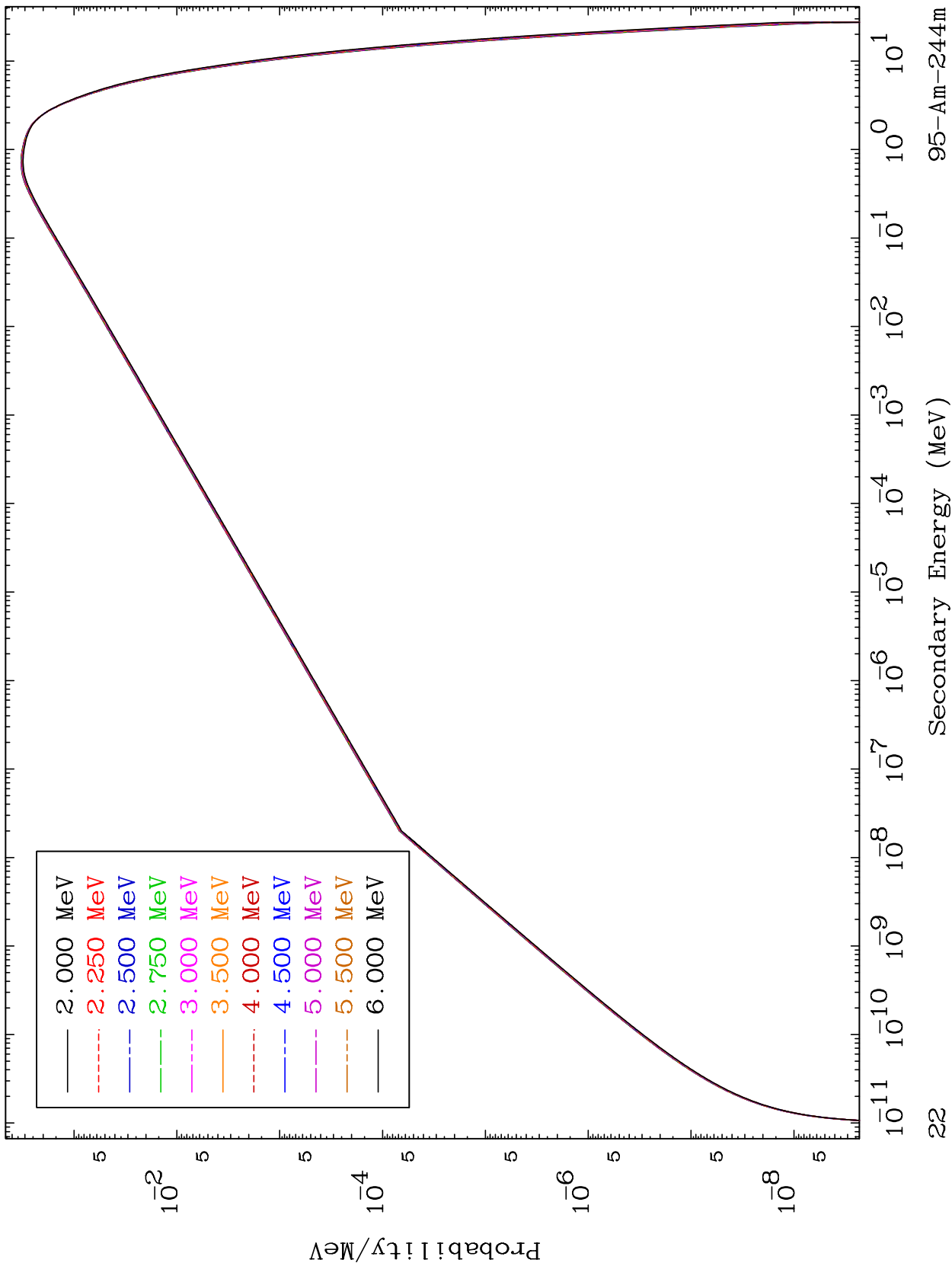
95-Am-244m

Secondary Energy (MeV)

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Fission Energy Distributions

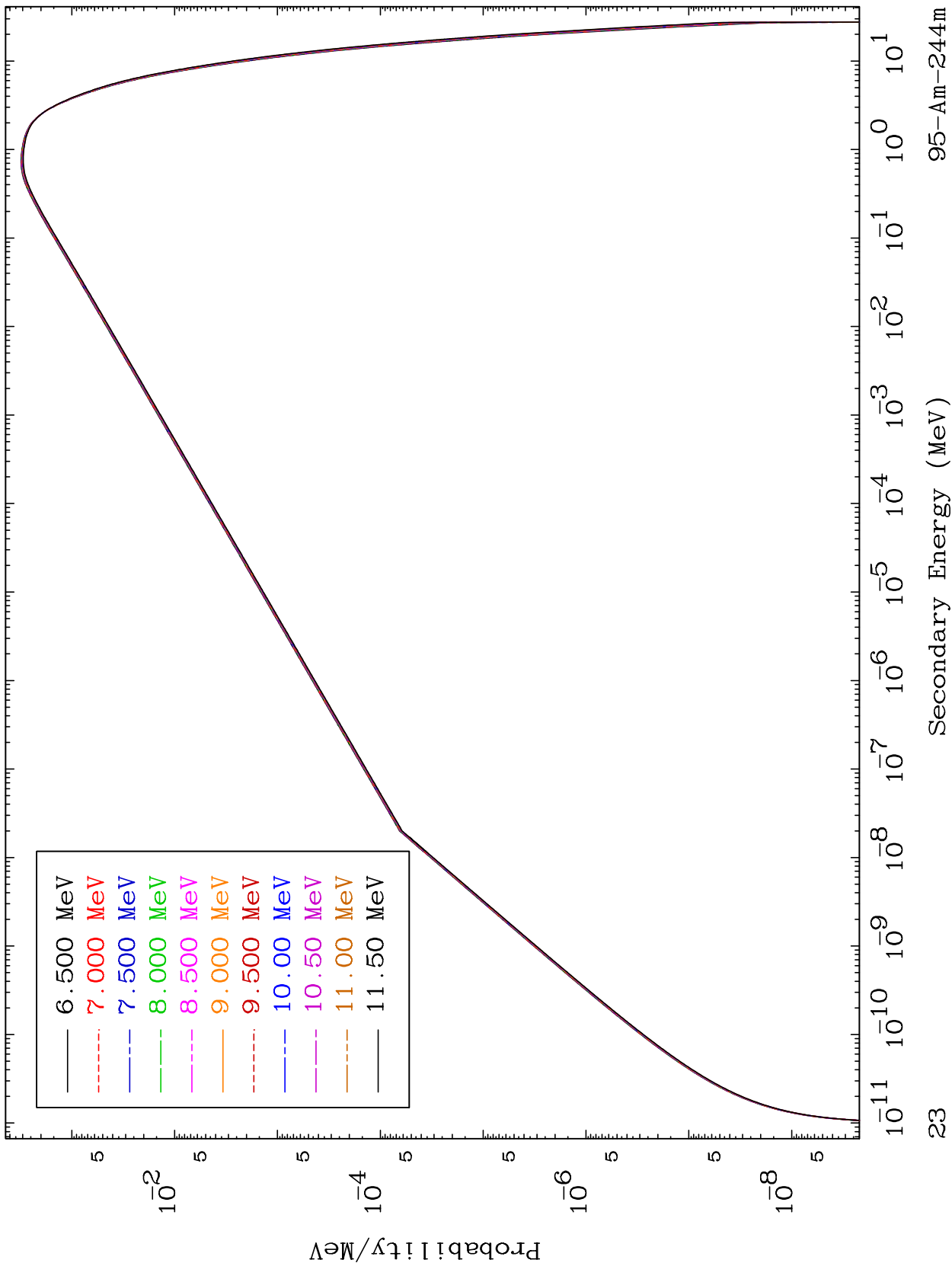
95-Am-244m



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Fission Energy Distributions

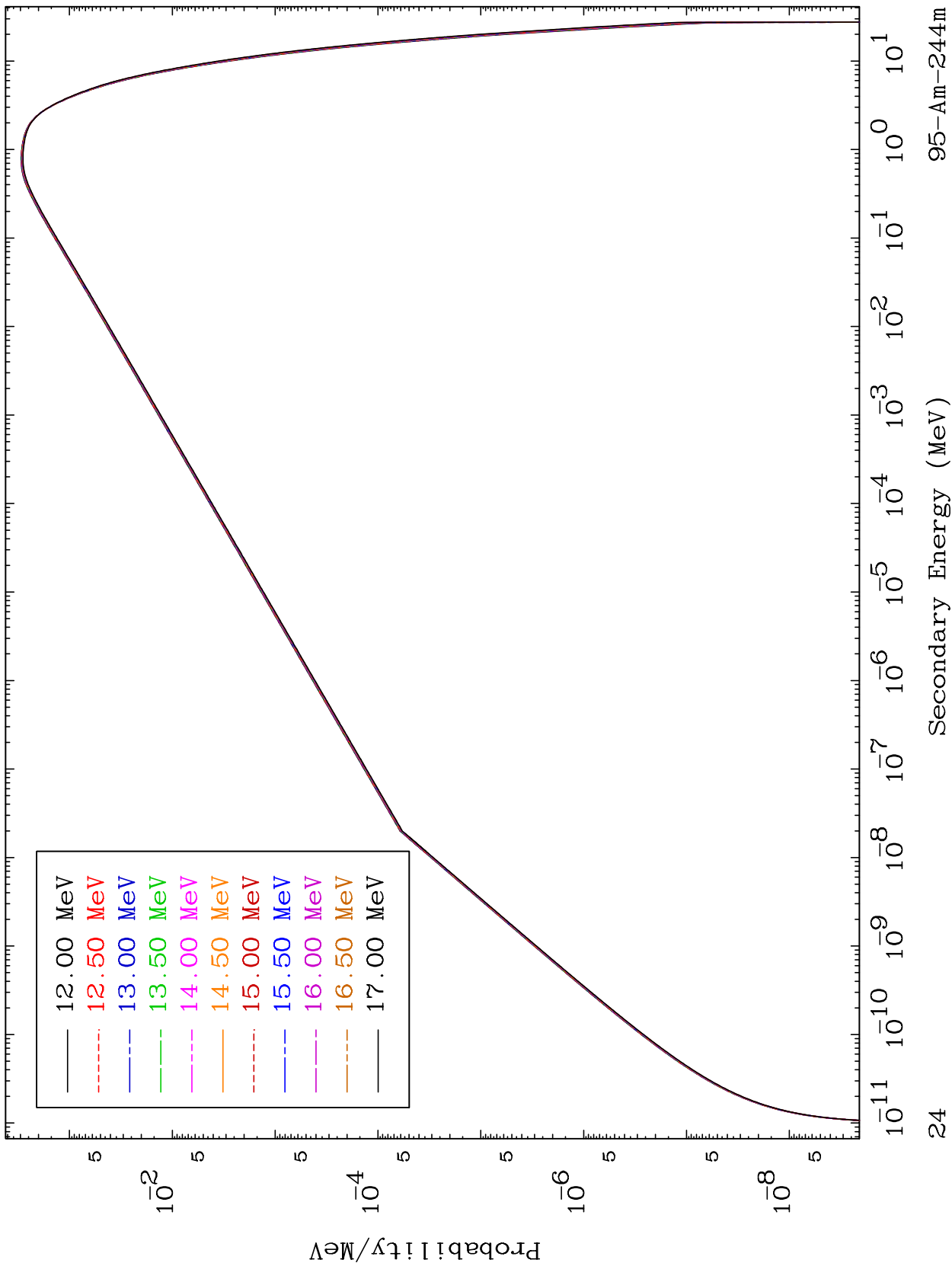
95-Am-244m



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Fission Energy Distributions

95-Am-244m



95-Am-244m

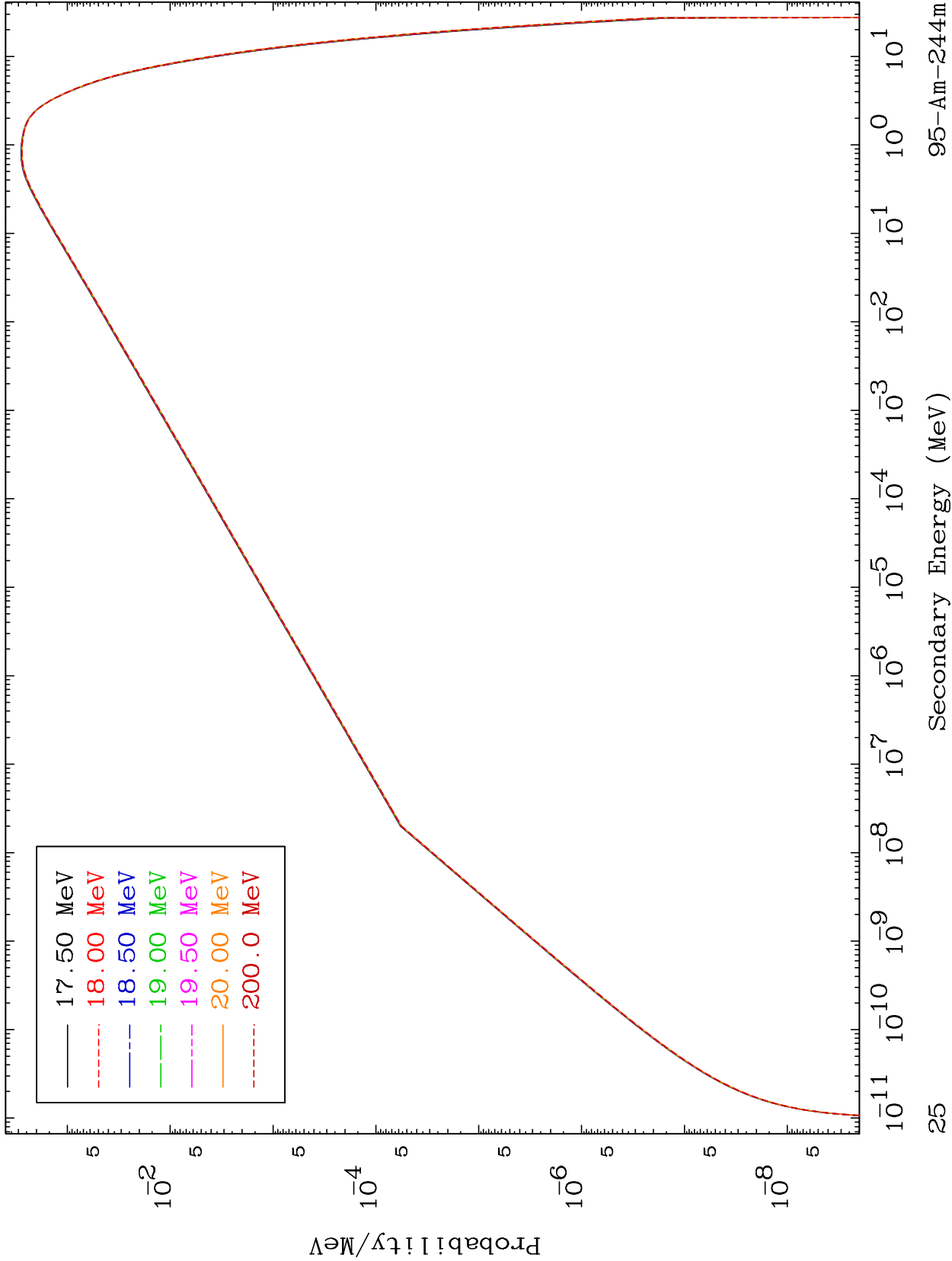
Secondary Energy (MeV)

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Fission
Energy Distributions

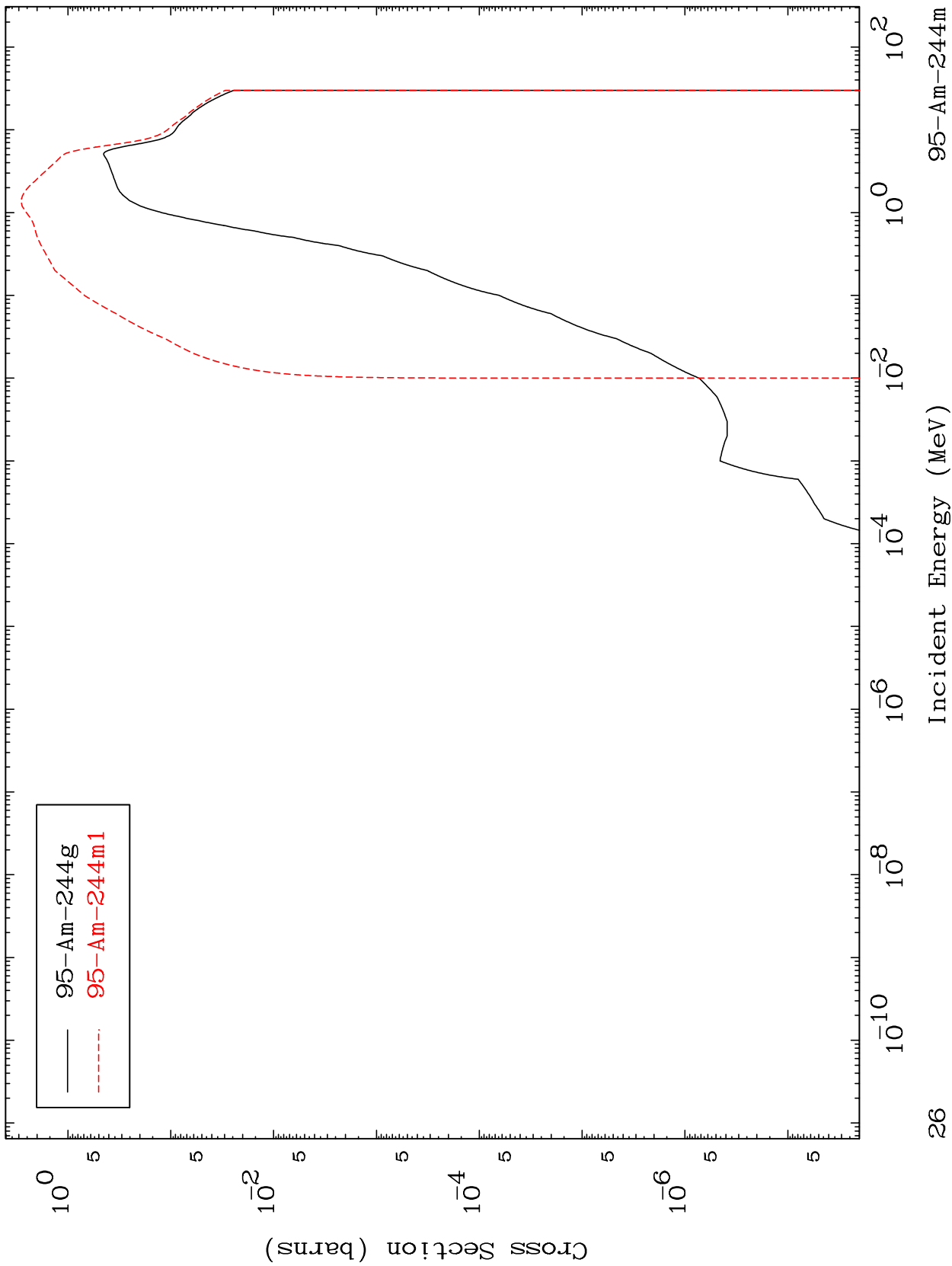
95-Am-244m



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95-Am-244m

Inelastic
Radionuclide Production Cross Section

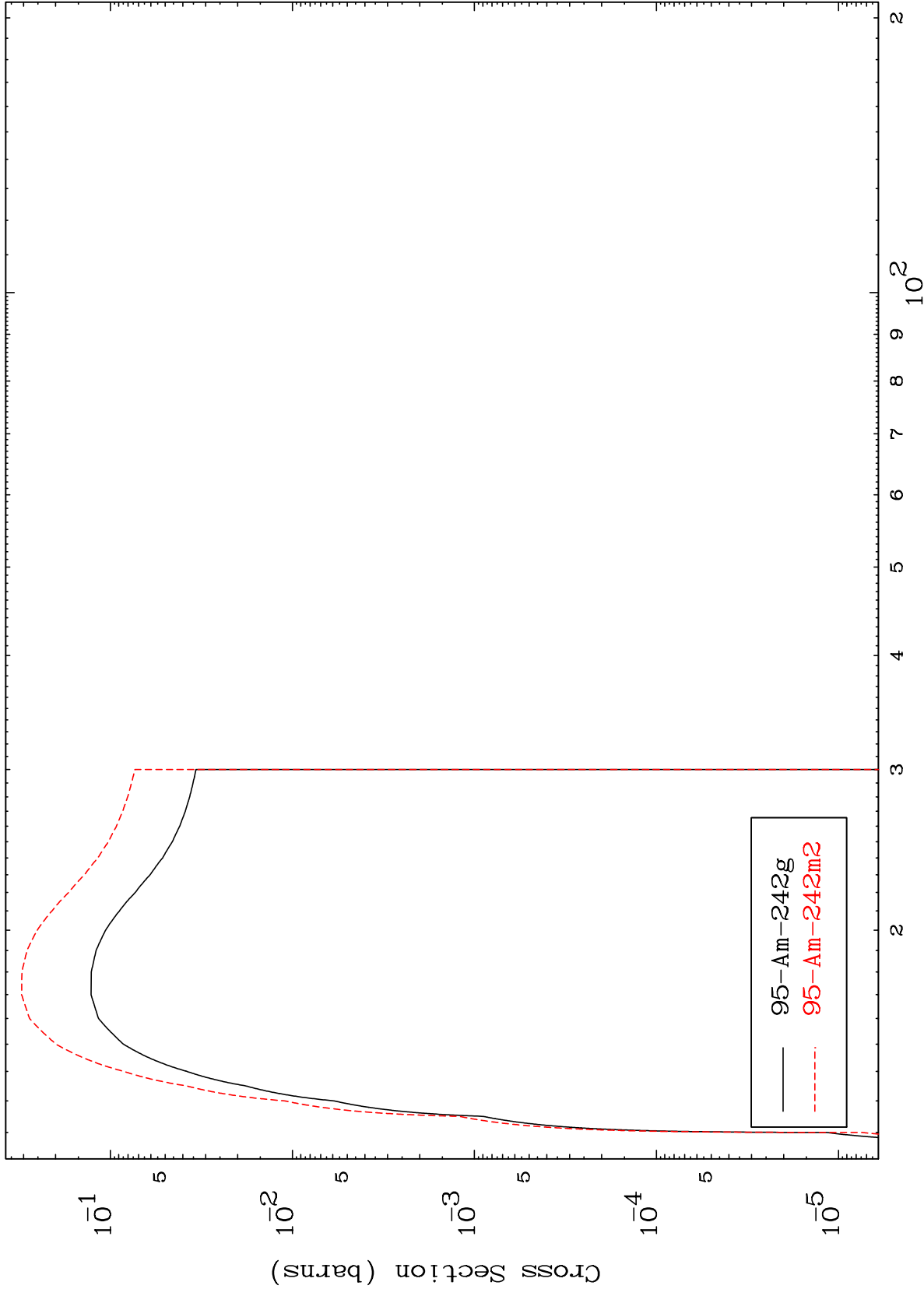


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(n,3n)

95-Am-244m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

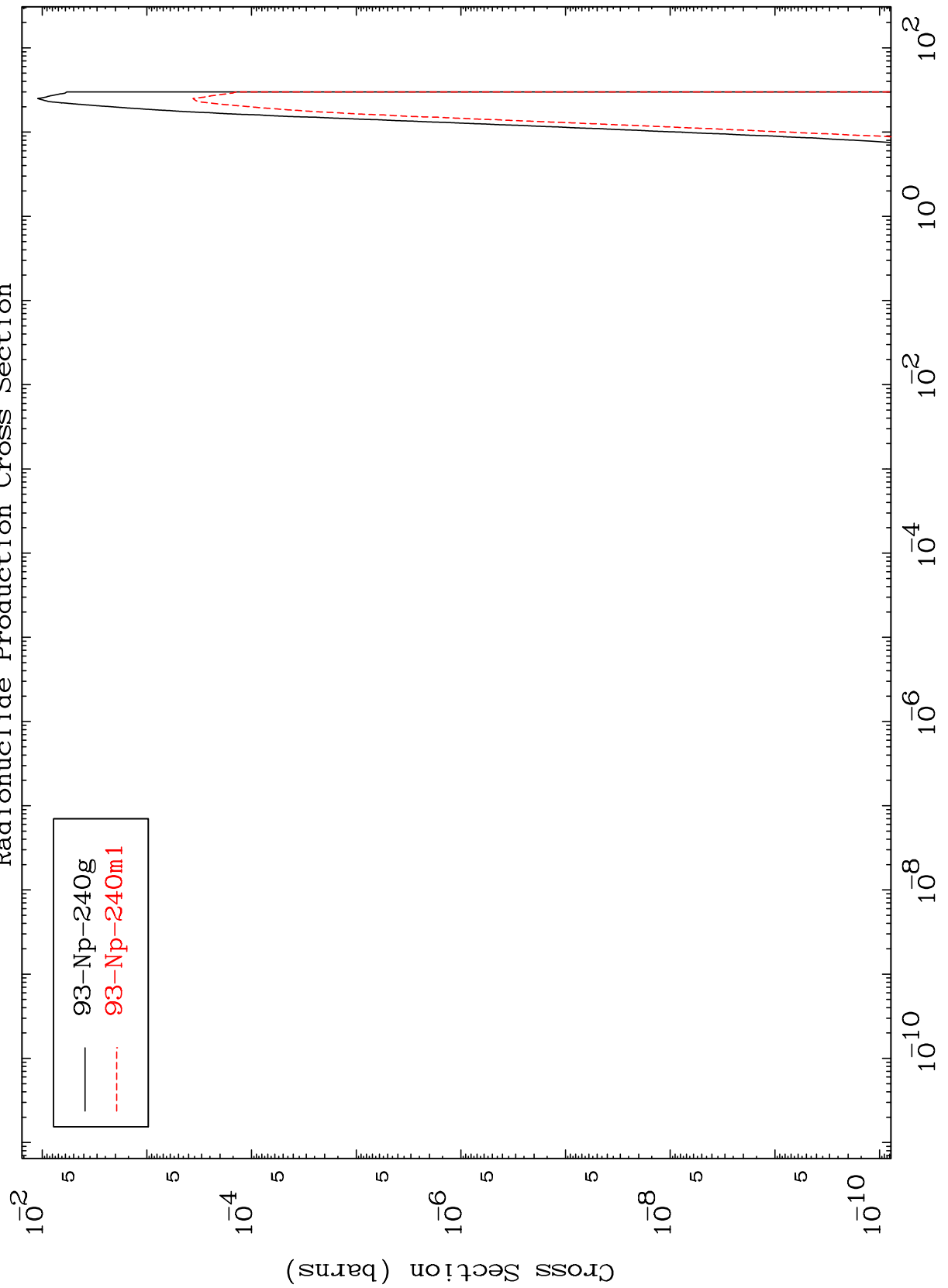
95-Am-244m

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(n,n') α

95-Am-244m

Radionuclide Production Cross Section



— 93-Np-240g
- - - 93-Np-240m1

Incident Energy (MeV)

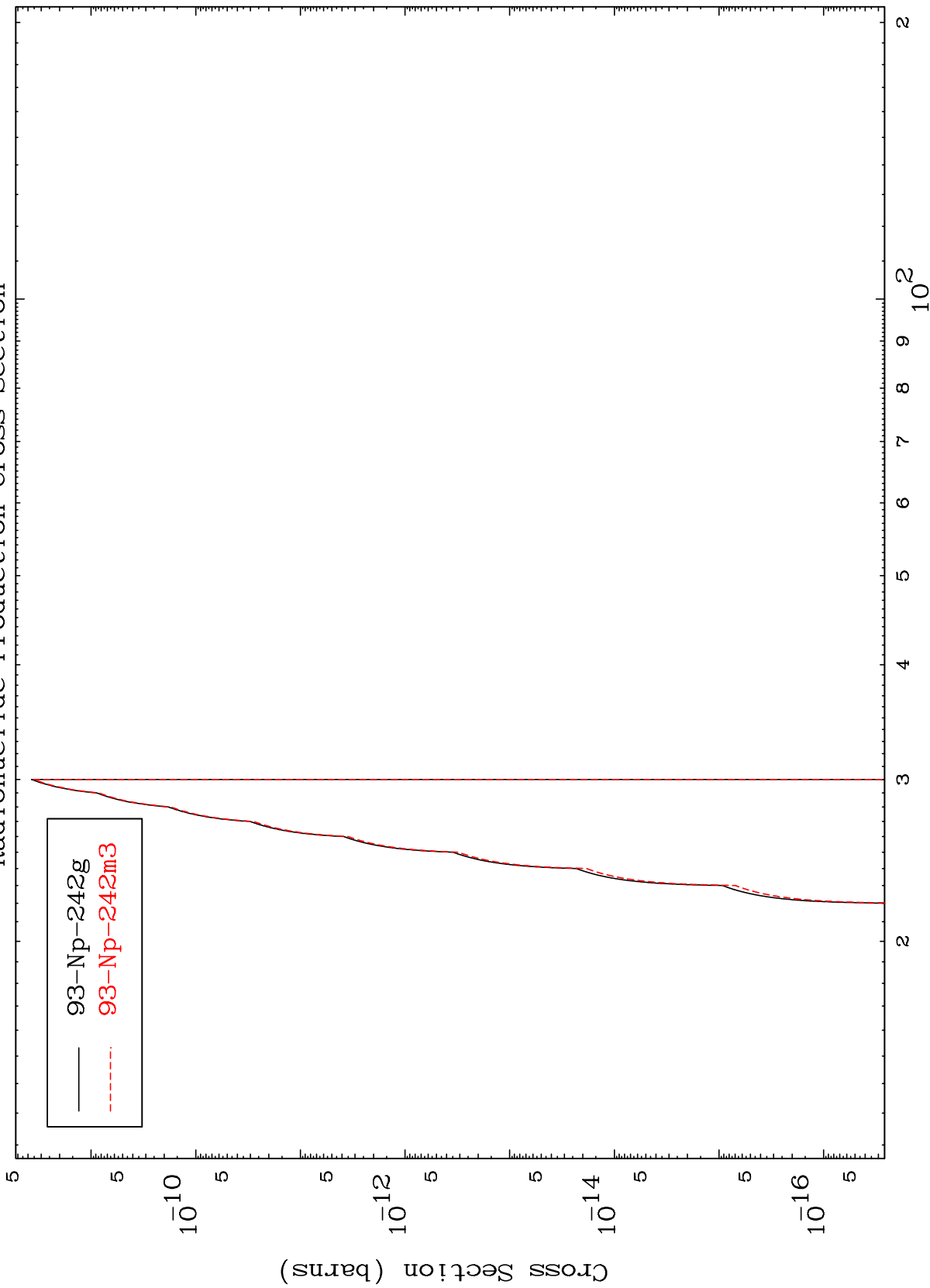
95-Am-244m

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(n,2n) p

95-Am-244m

Radionuclide Production Cross Section



Incident Energy (MeV)

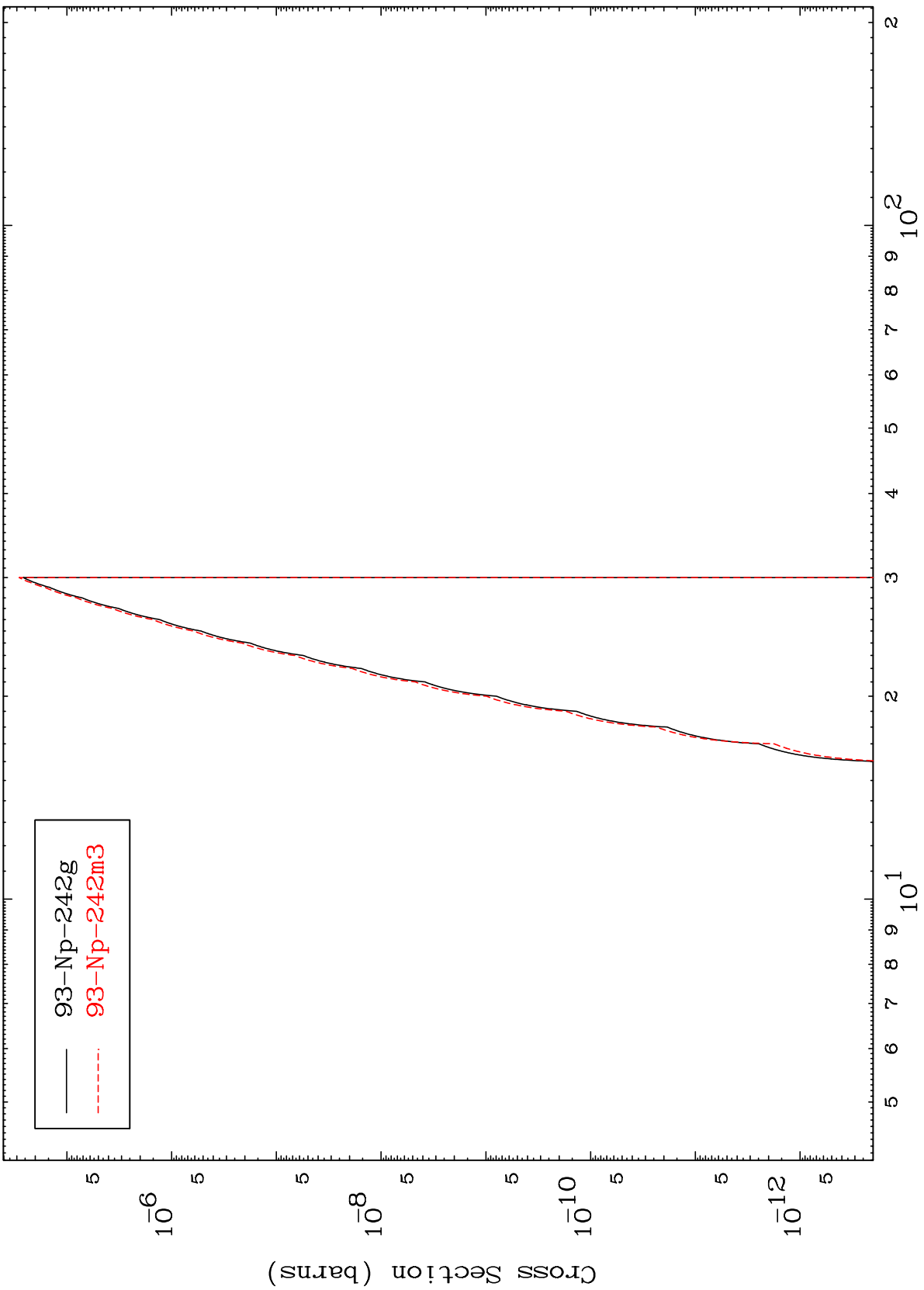
95-Am-244m

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95-Am-244m

Radionuclide Production Cross Section (n,He-3)



30

95-Am-244m

Incident Energy (MeV)