

Program EVALPLOT
(Version 2021-1)

by

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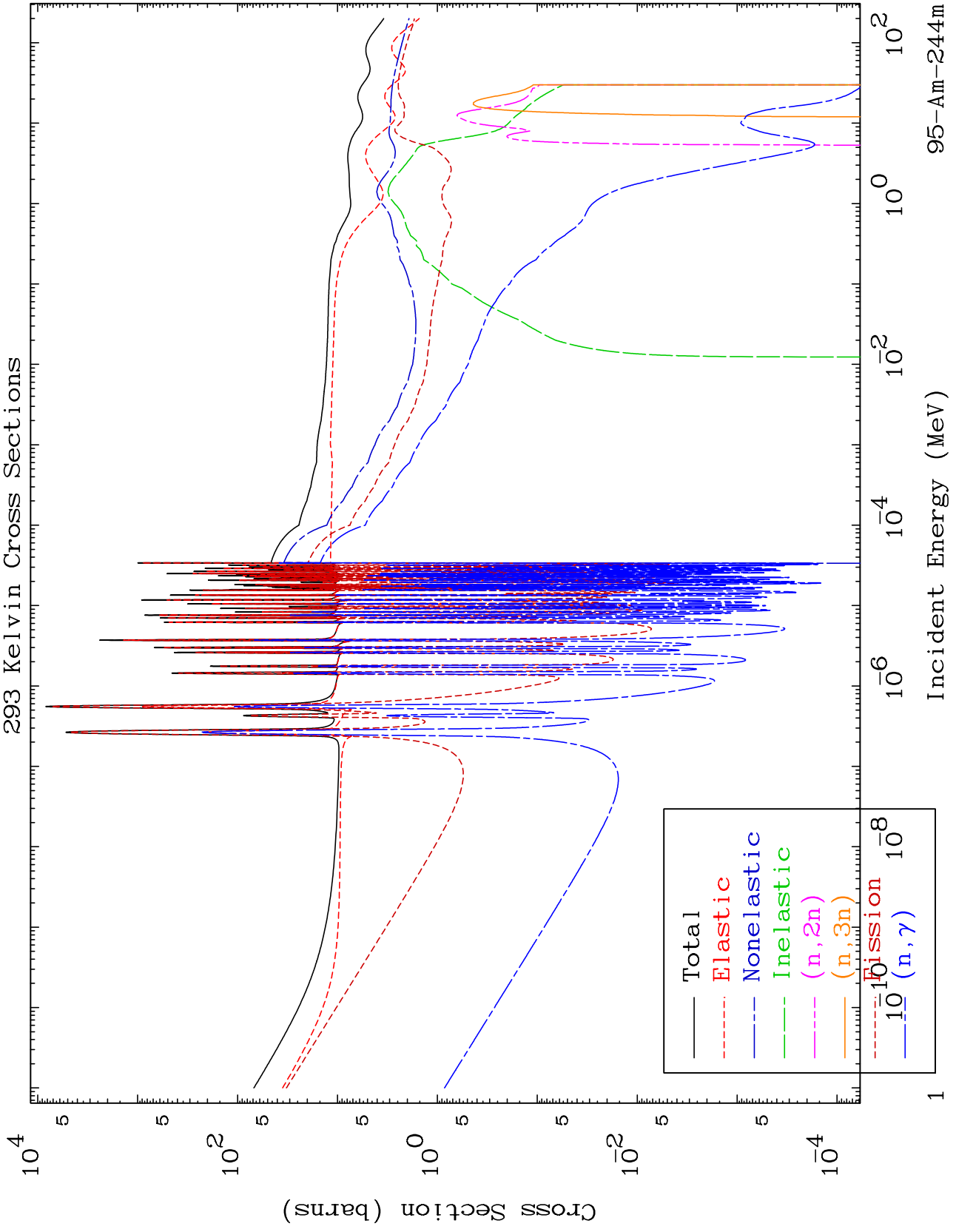
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9553

Neutron Major
293 Kelvin Cross Sections

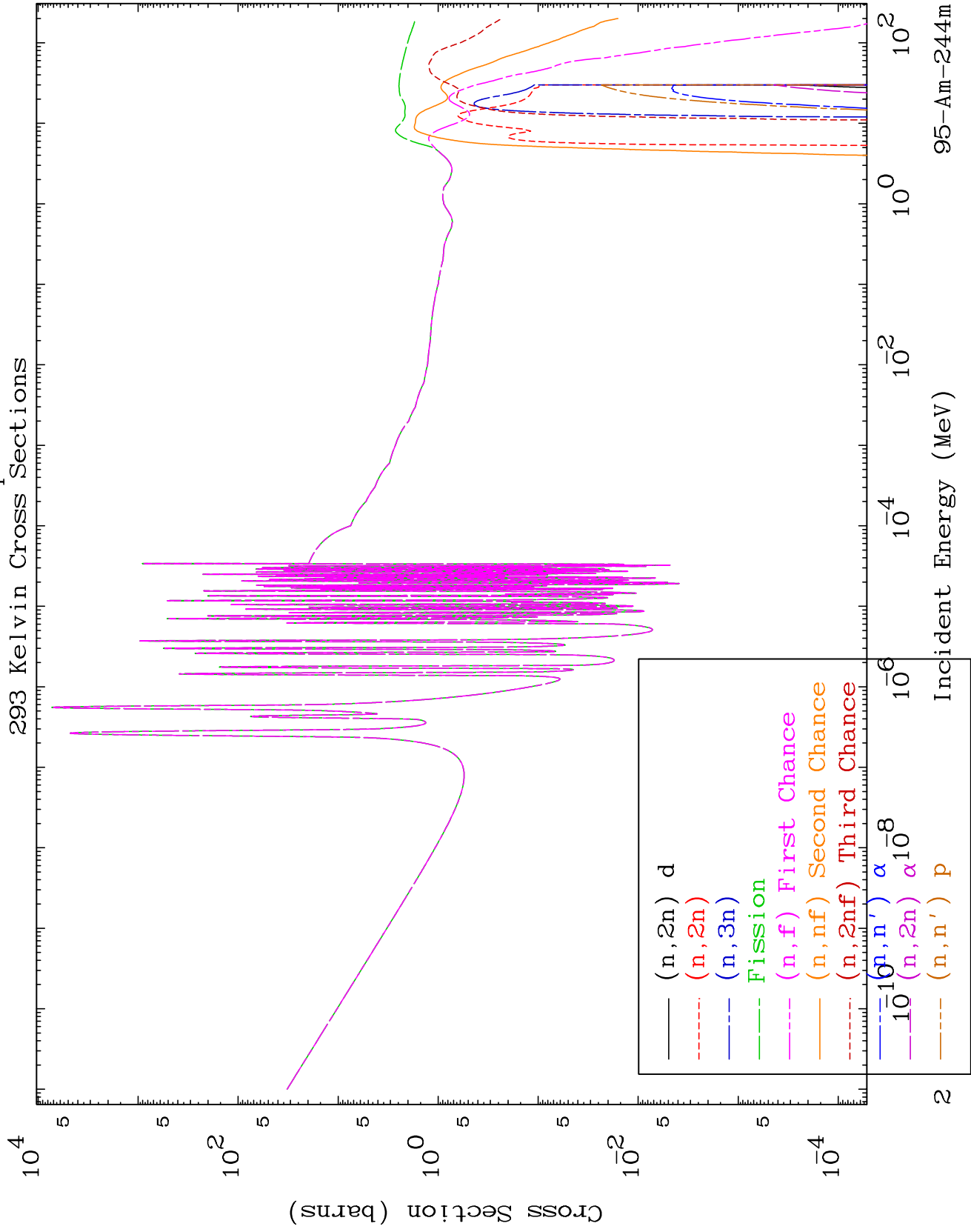
95-Am-244m

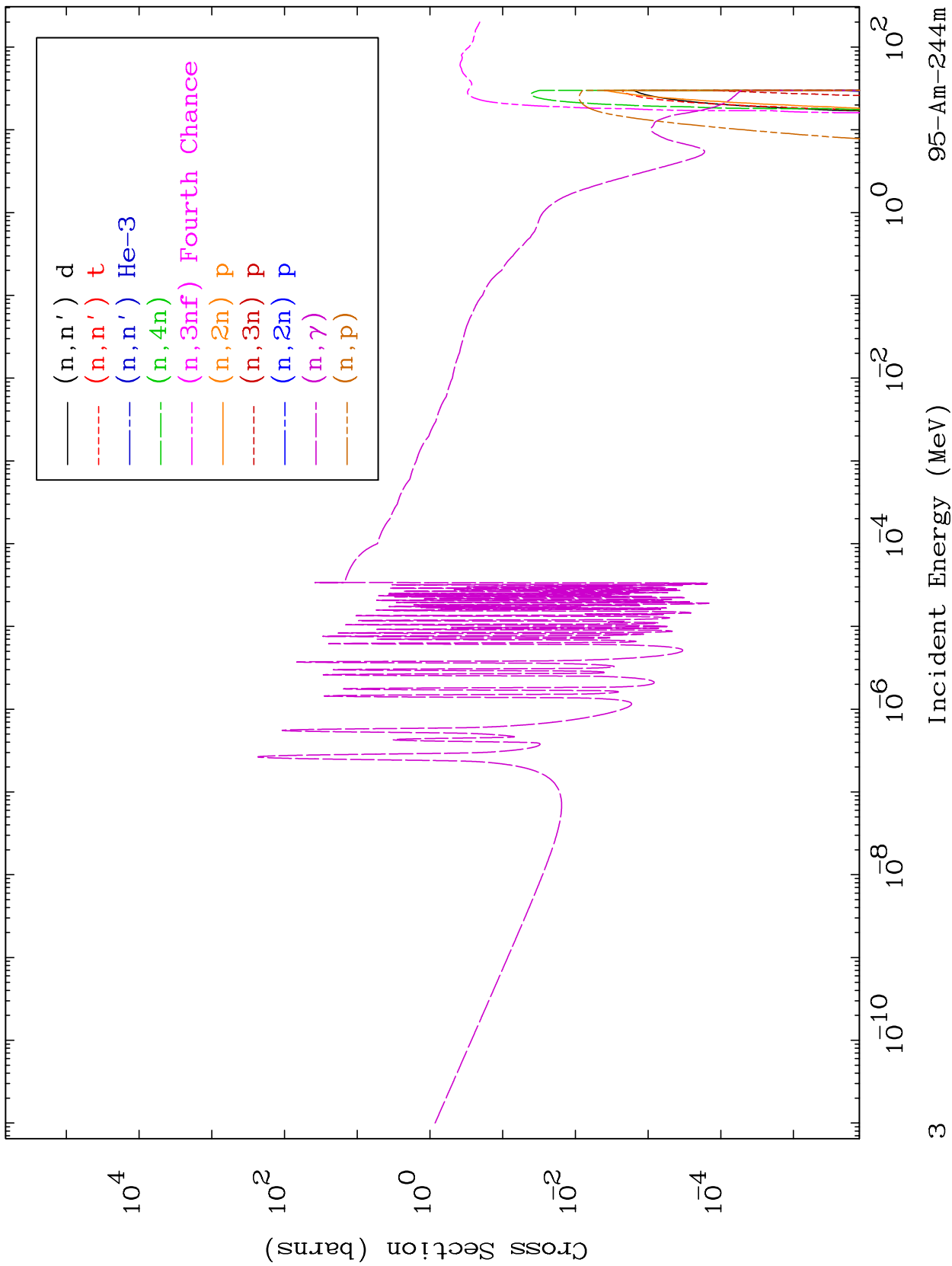


MAT 9553

Neutron Absorption
293 Kelvin Cross Sections

95-Am-244m

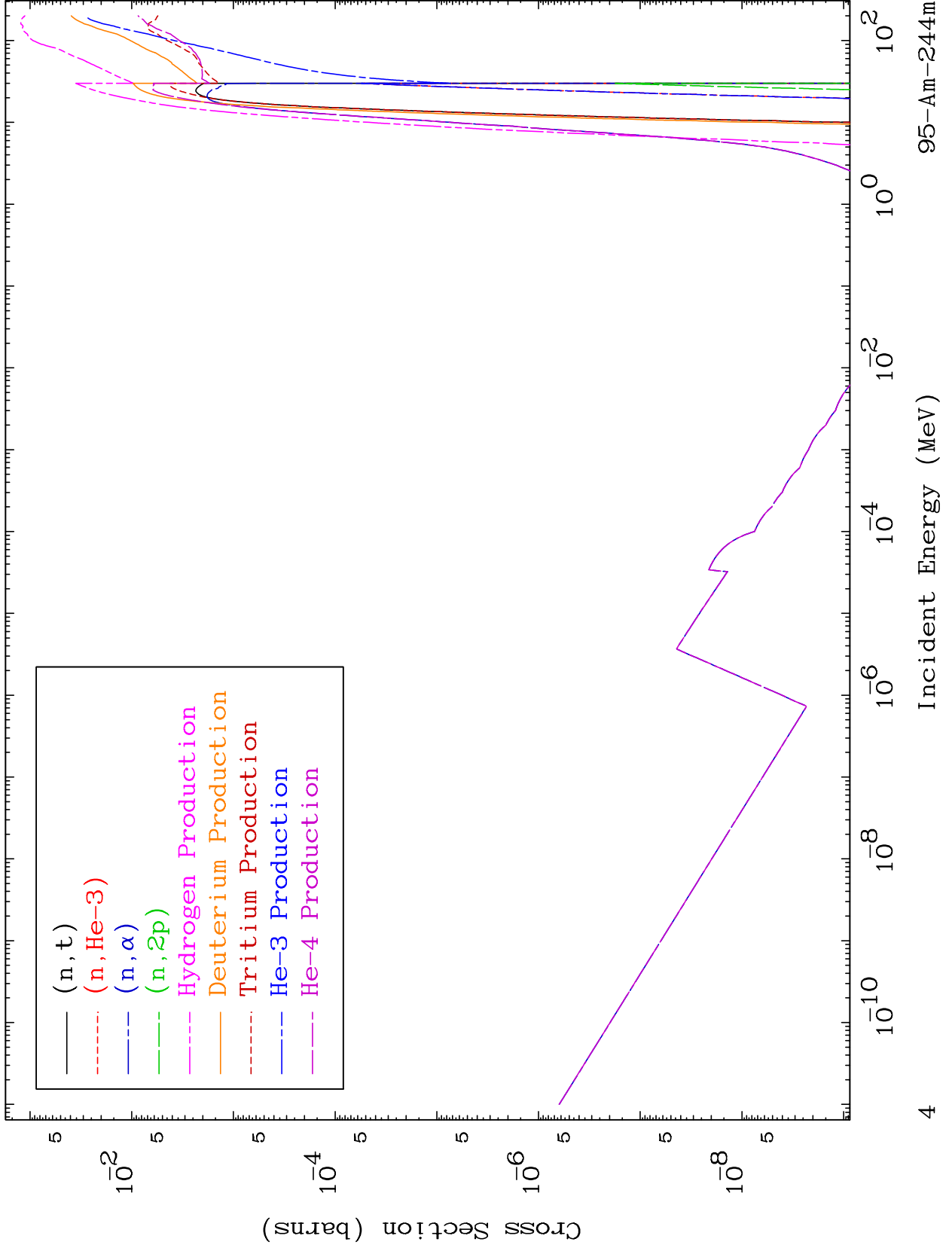




MAT 9553

Neutron Absorption
293 Kelvin Cross Sections

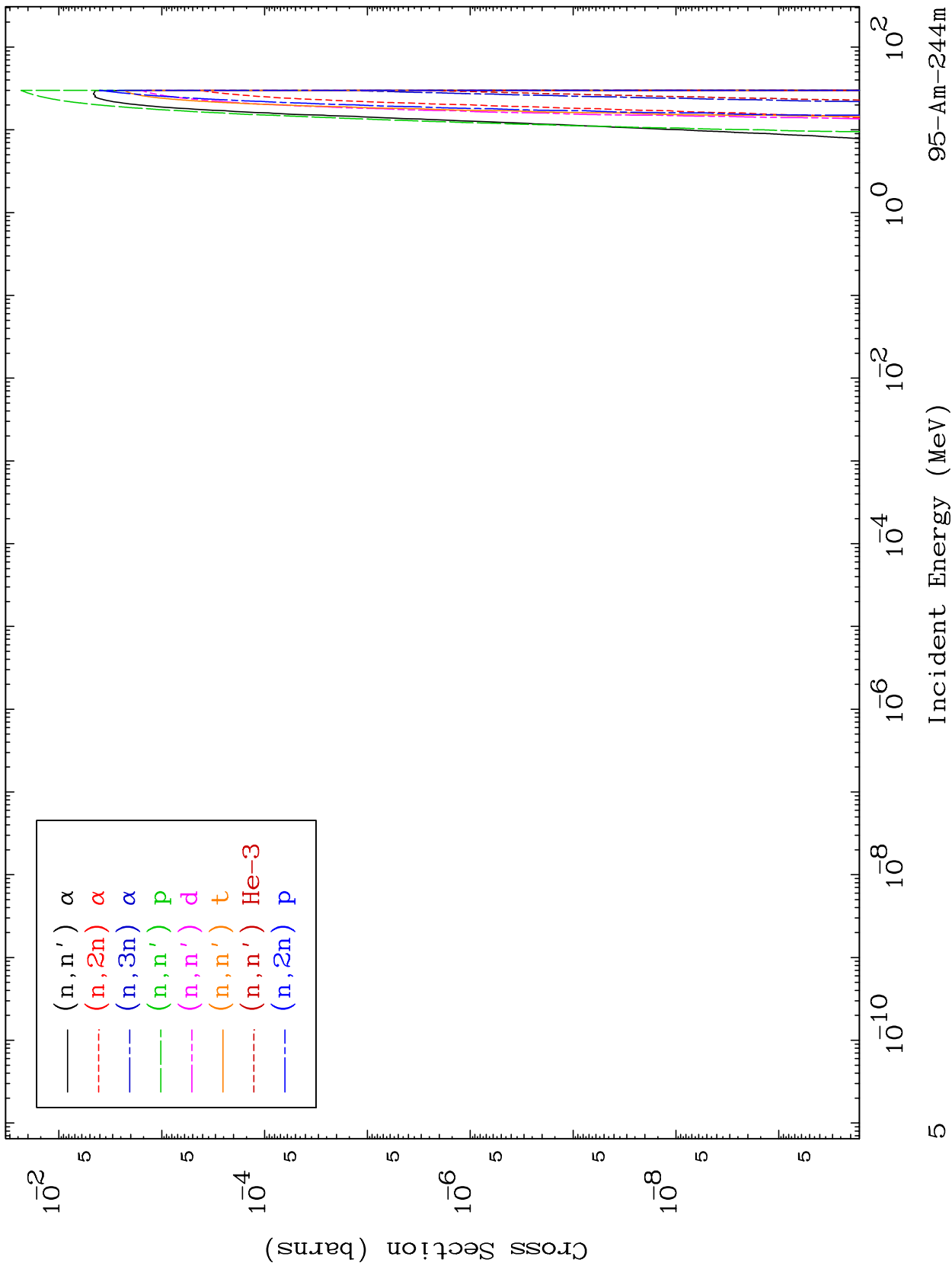
95-Am-244m



MAT 9553

Charged Particle
293 Kelvin Cross Sections

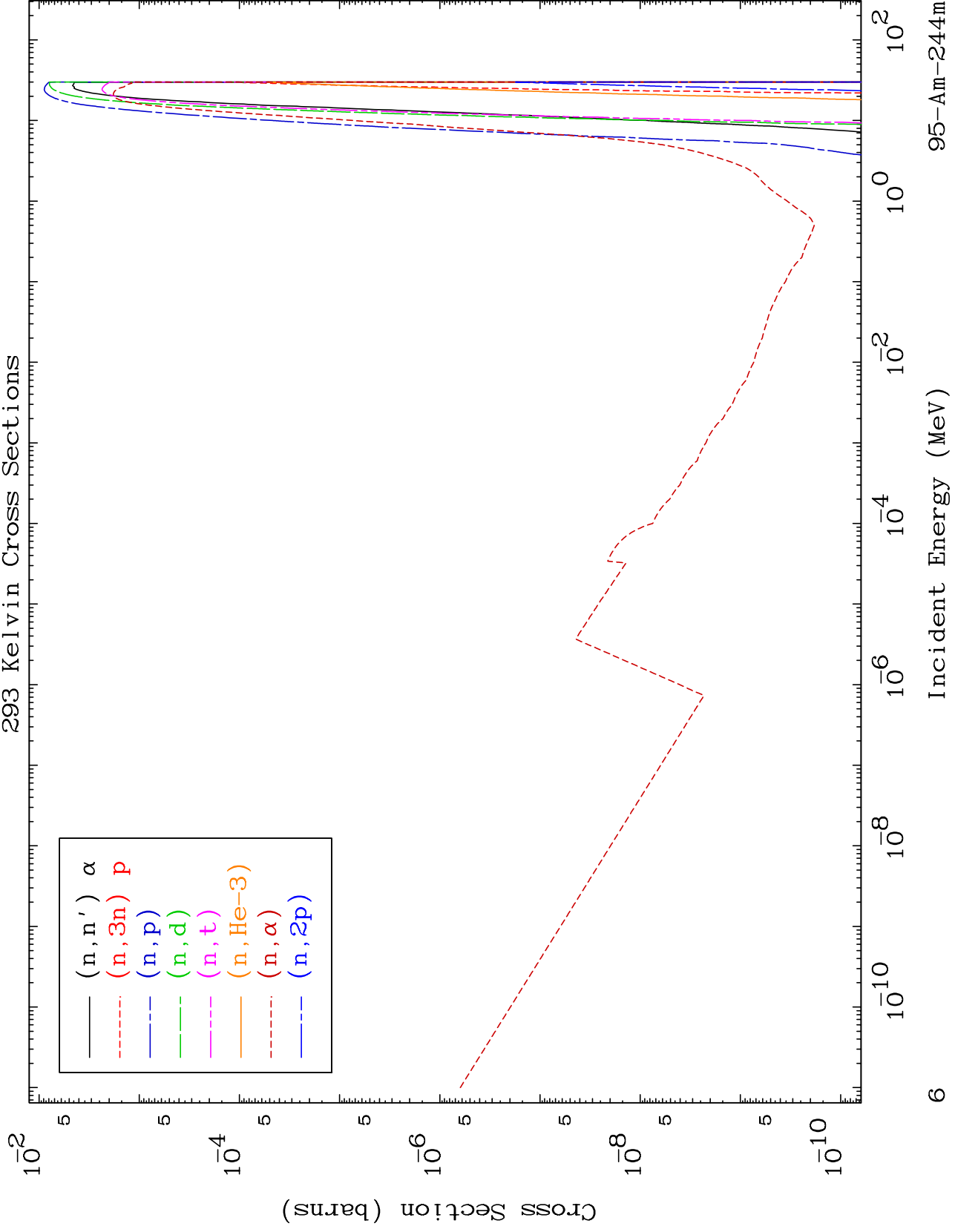
95-Am-244m



MAT 9553

Charged Particle
293 Kelvin Cross Sections

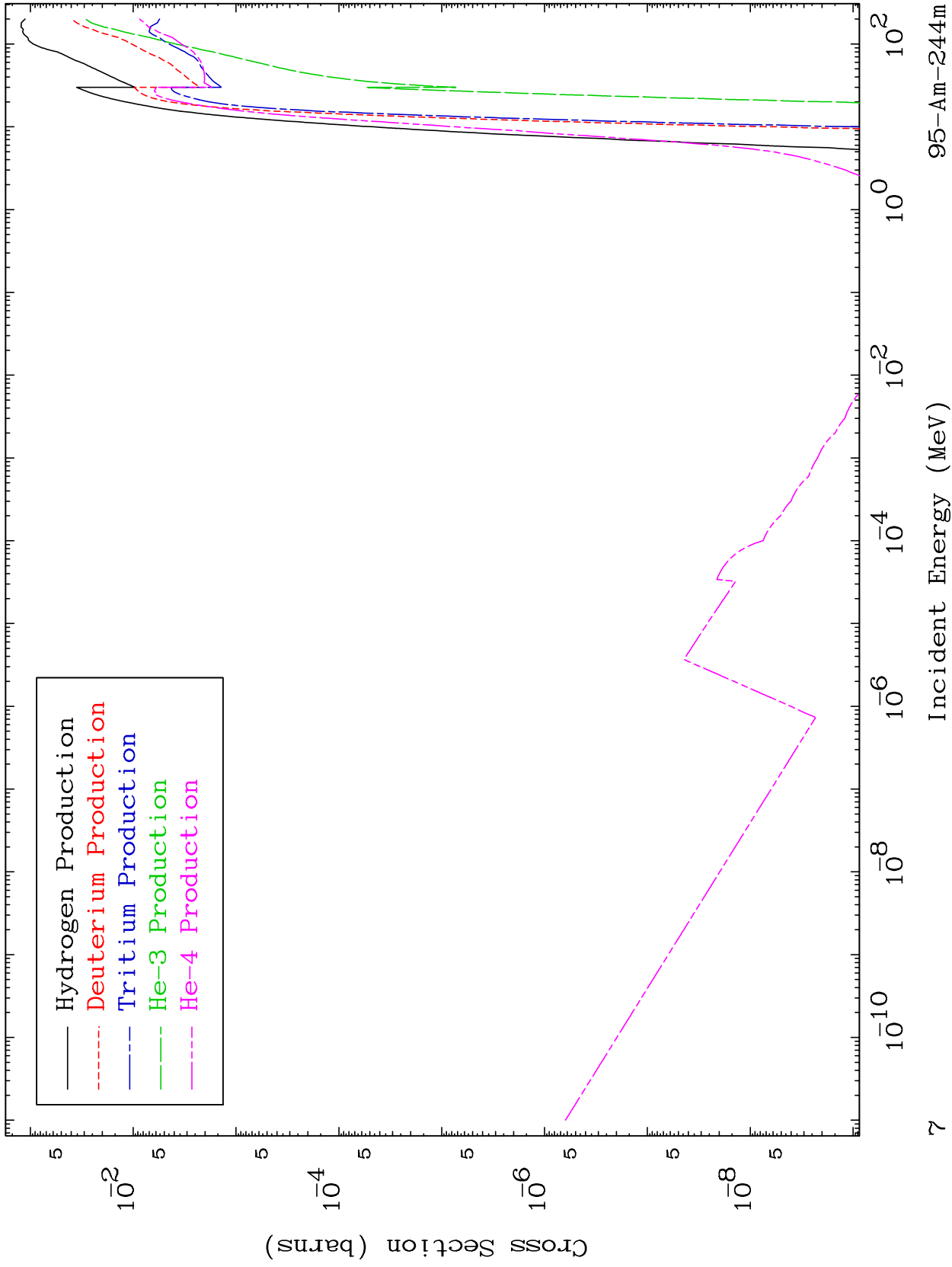
95-Am-244m



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Particle Production
293 Kelvin Cross Sections

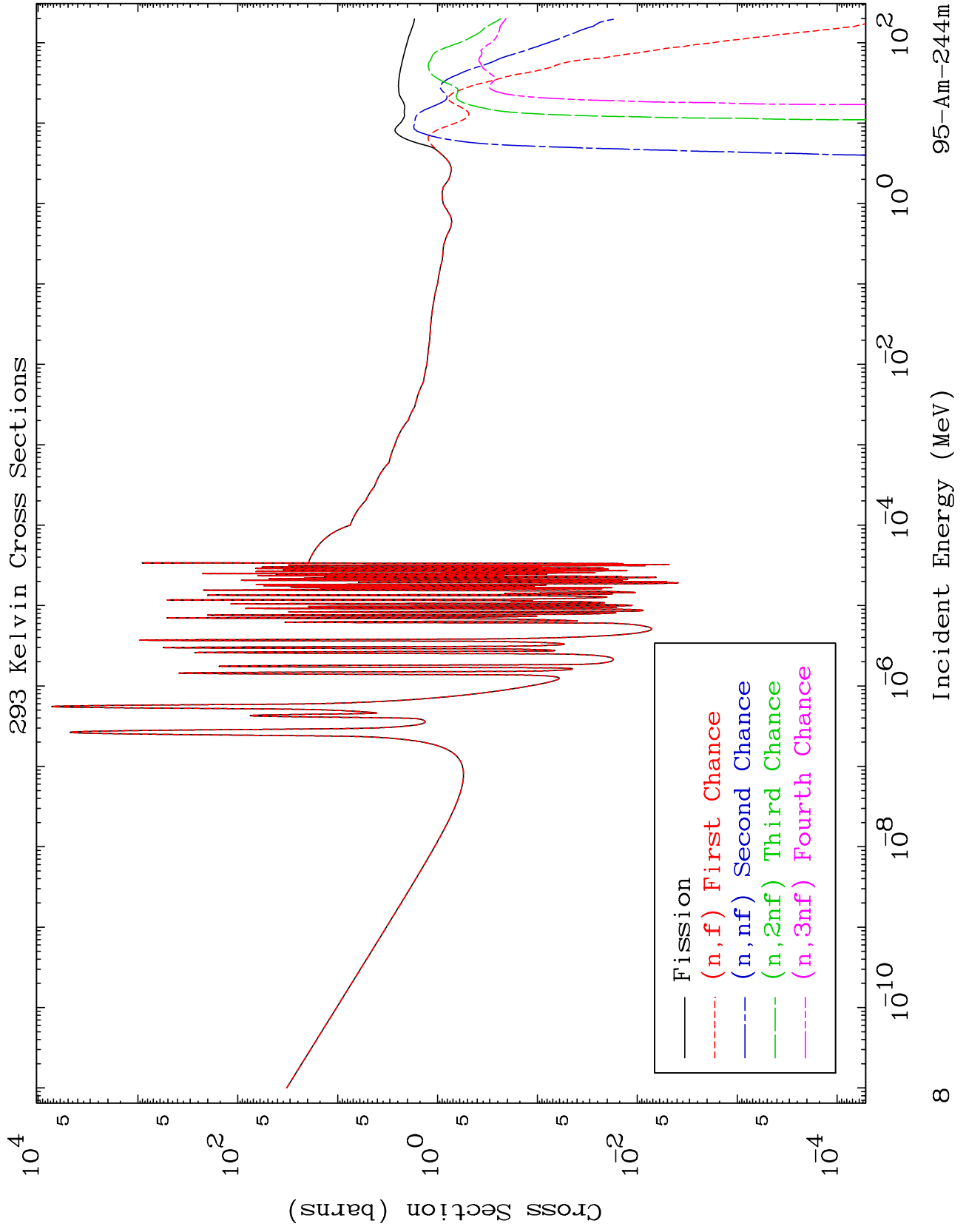
95-Am-244m



MAT 9553

Fission
293 Kelvin Cross Sections

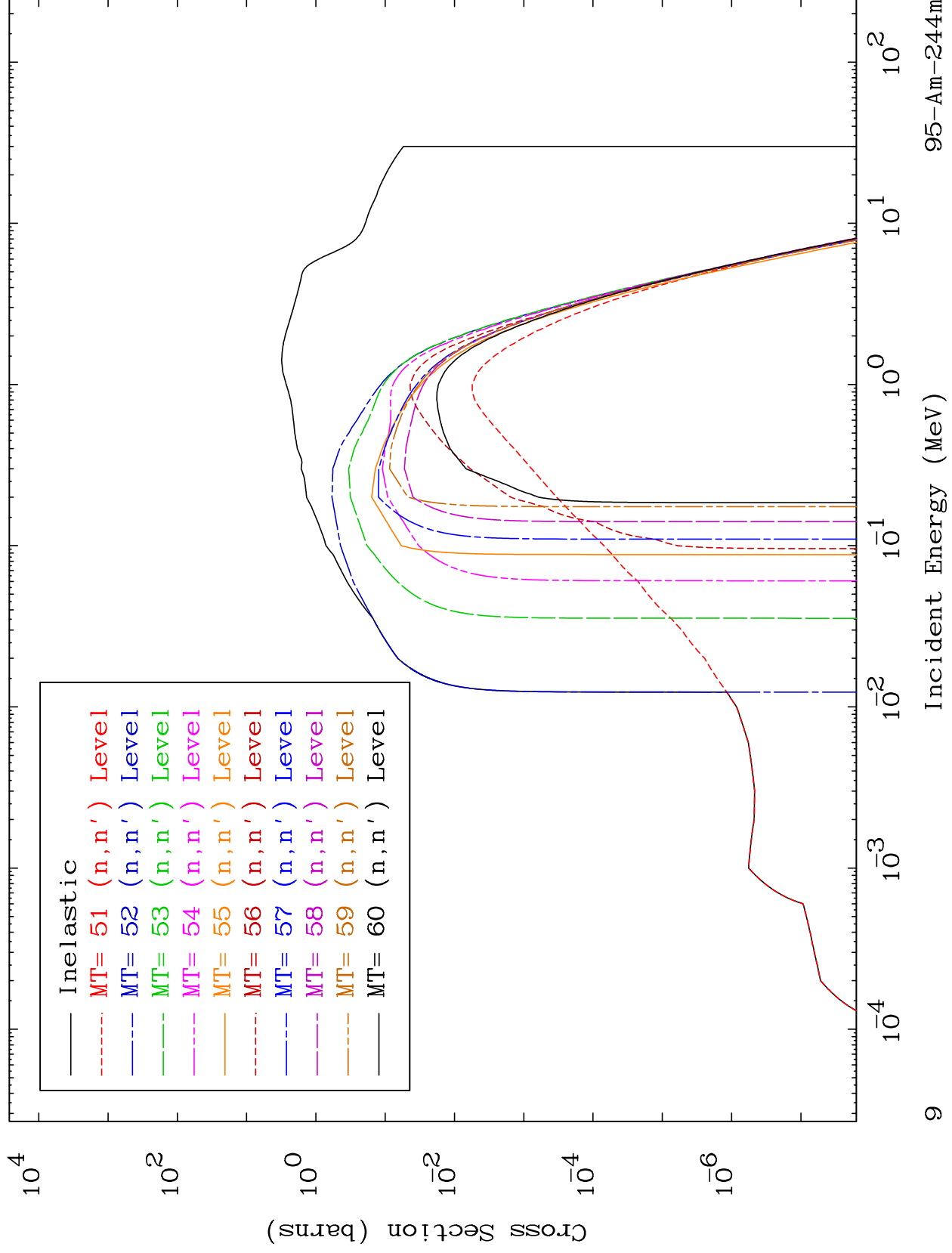
95-Am-244m



MAT 9553

(n,n') Levels
293 Kelvin Cross Sections

95-Am-244m



MAT 9553

(n,n') Levels
293 Kelvin Cross Sections

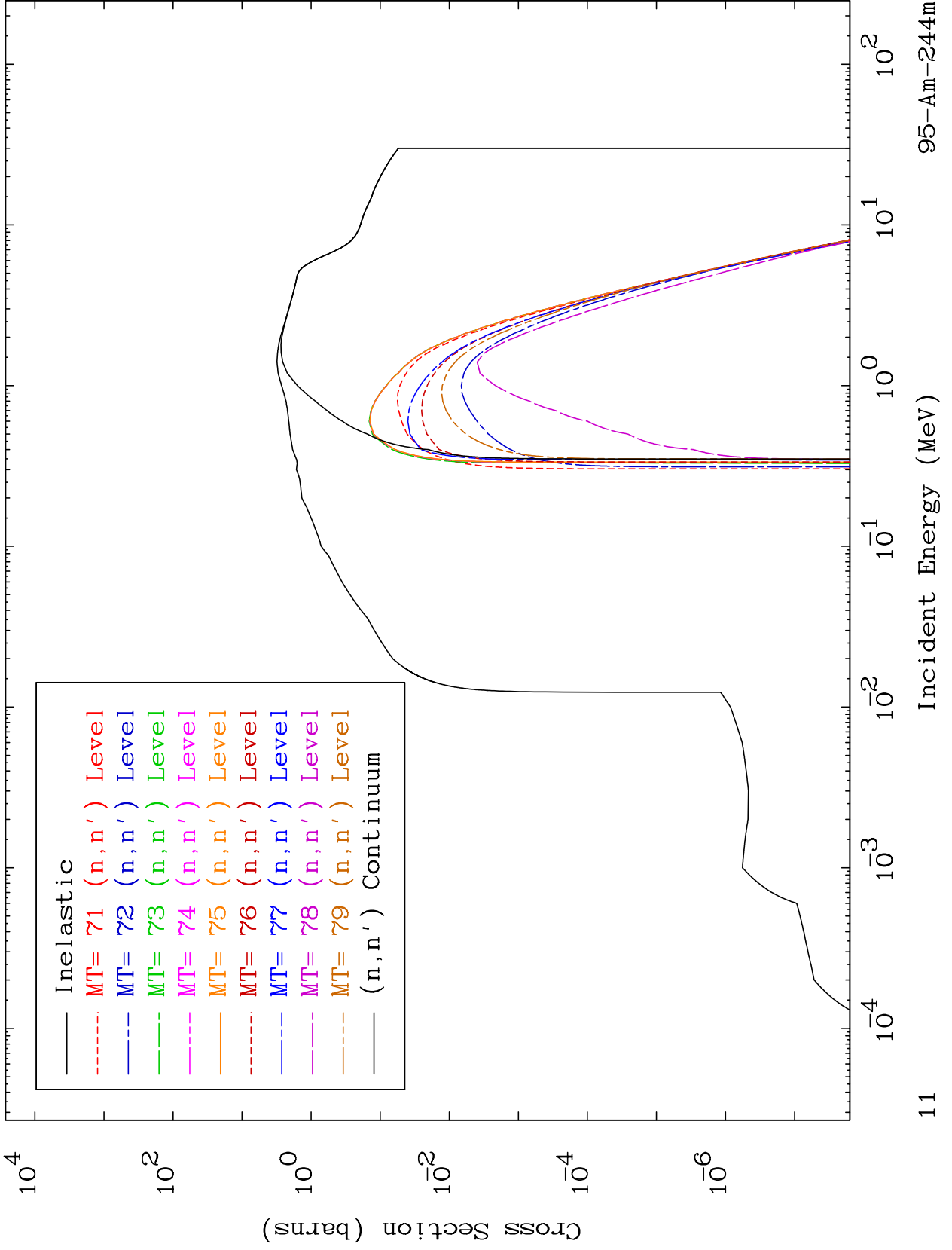
95-Am-244m



MAT 9553

(n,n') Levels
293 Kelvin Cross Sections

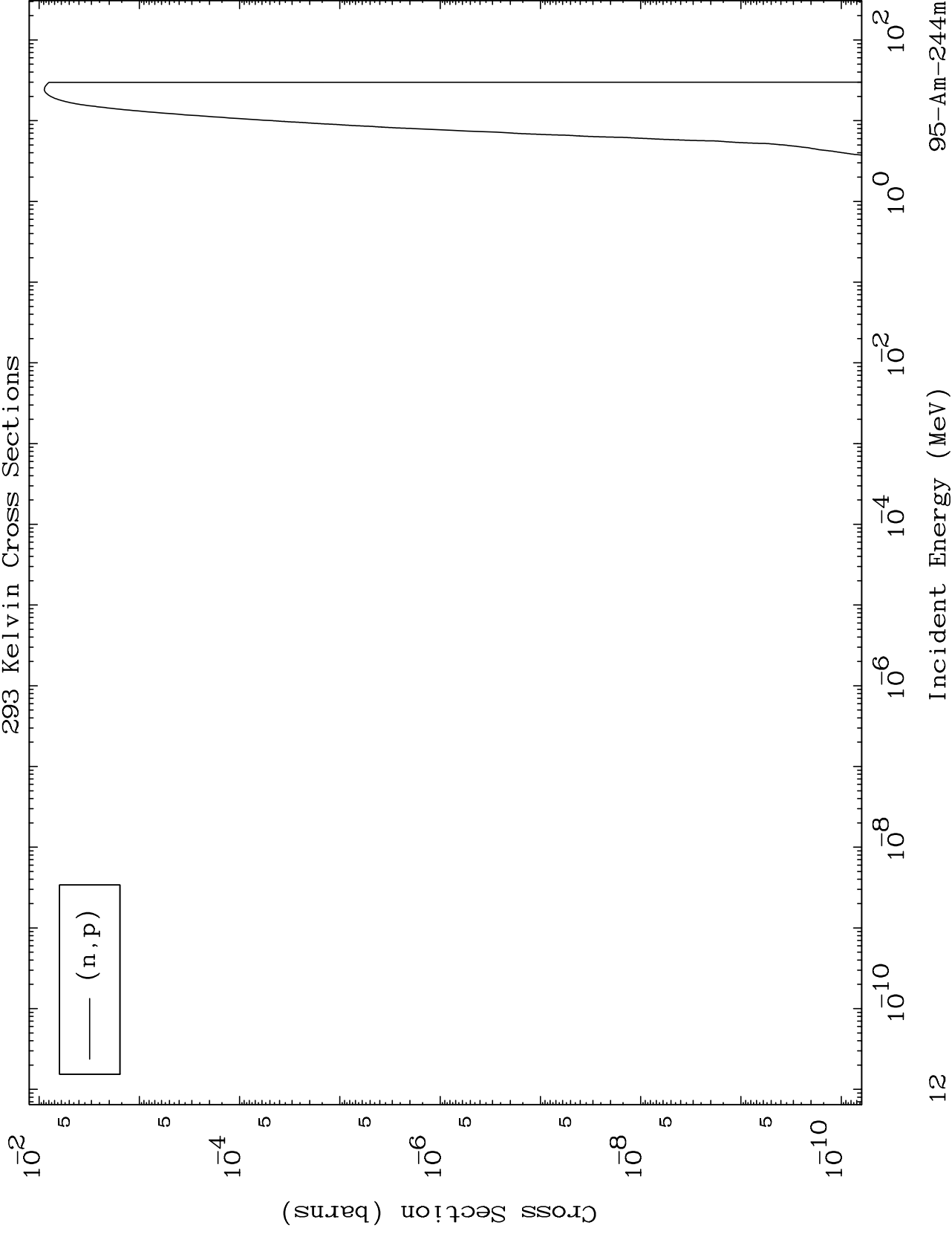
95-Am-244m



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(n,p) Levels
293 Kelvin Cross Sections

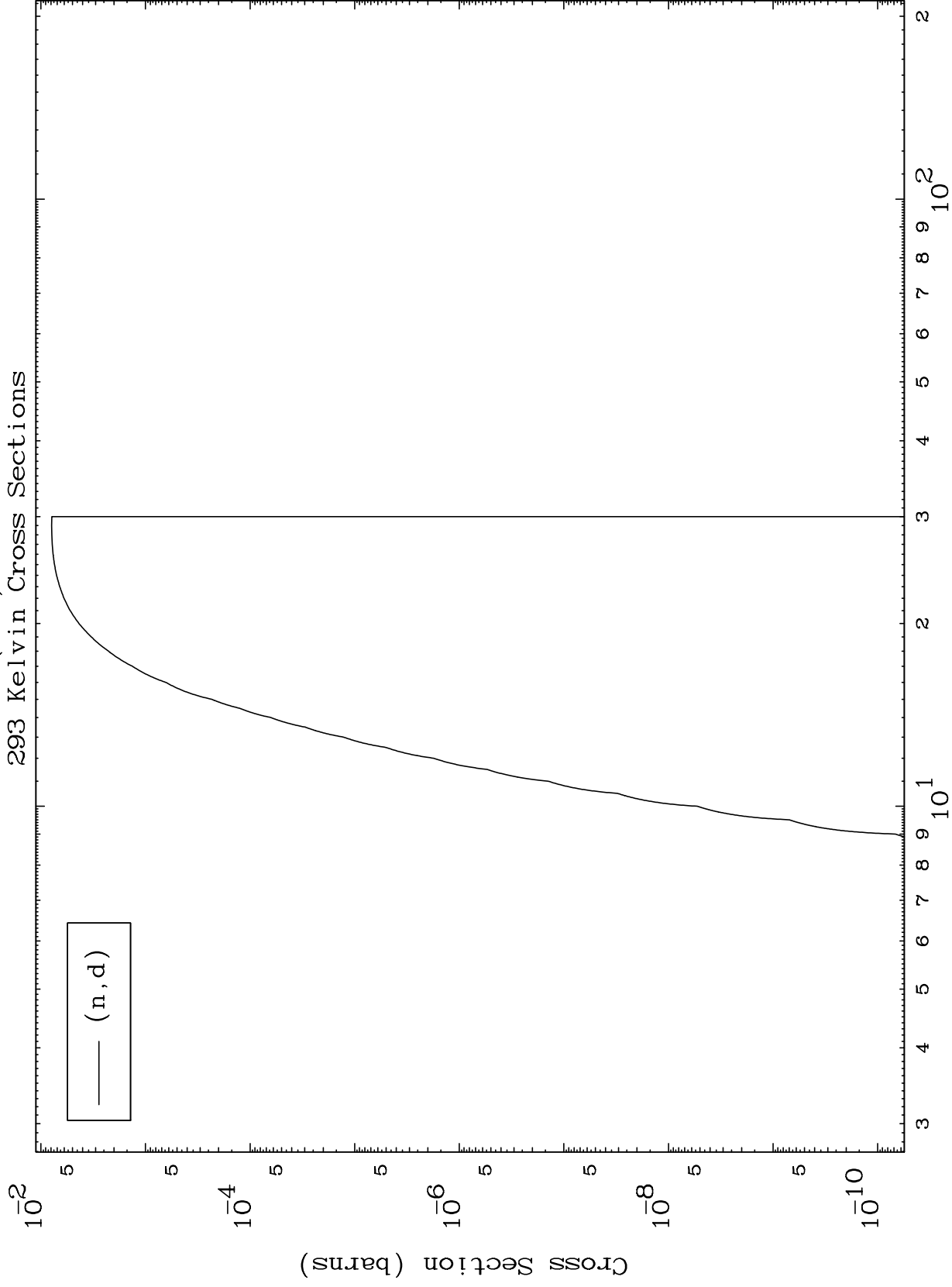
95-Am-244m



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(n,d) Levels
293 Kelvin Cross Sections

95-Am-244m



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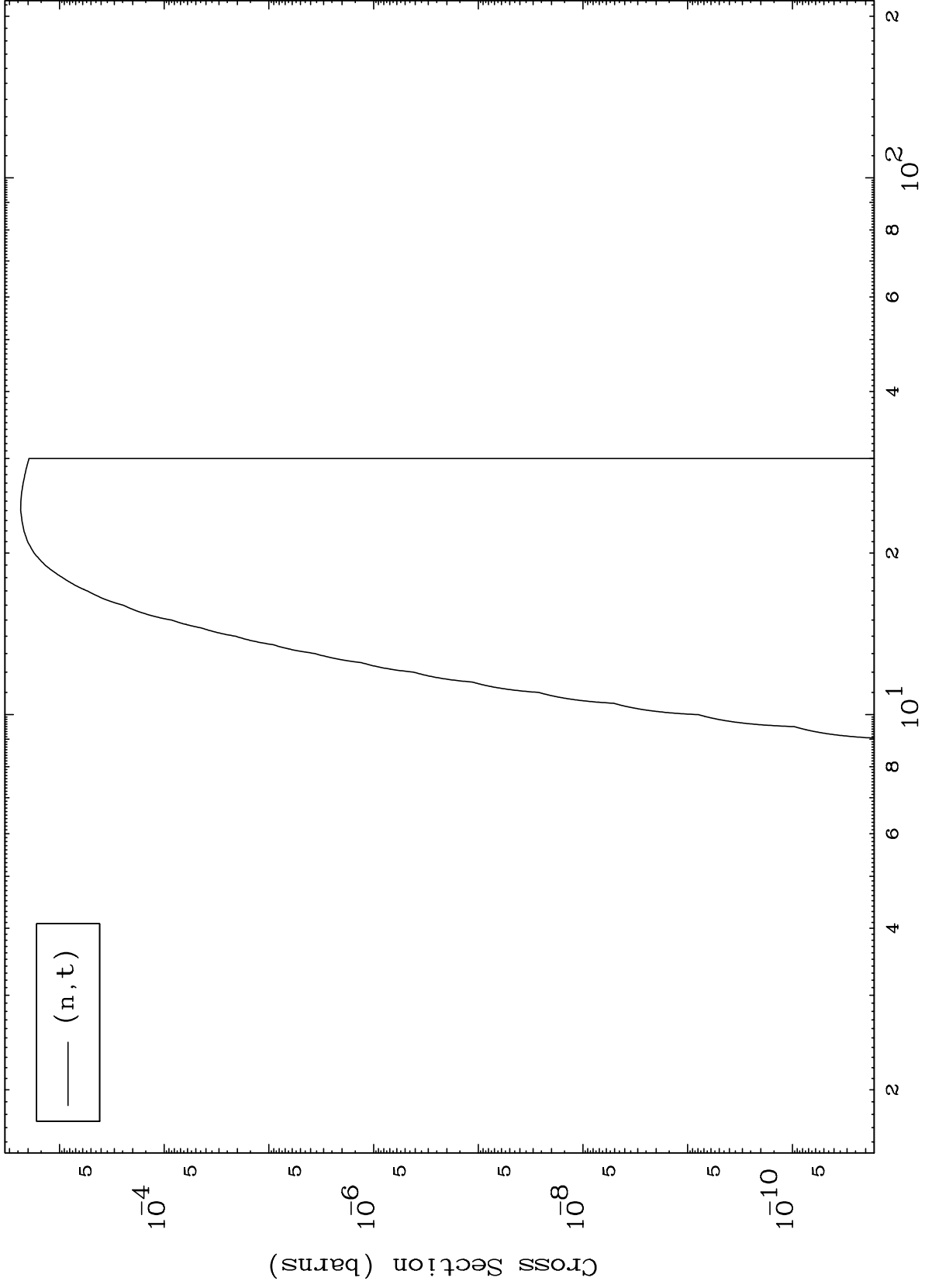
Incident Energy (MeV)

95-Am-244m

MAT 9553

(n,t) Levels
293 Kelvin Cross Sections

95-Am-244m



14

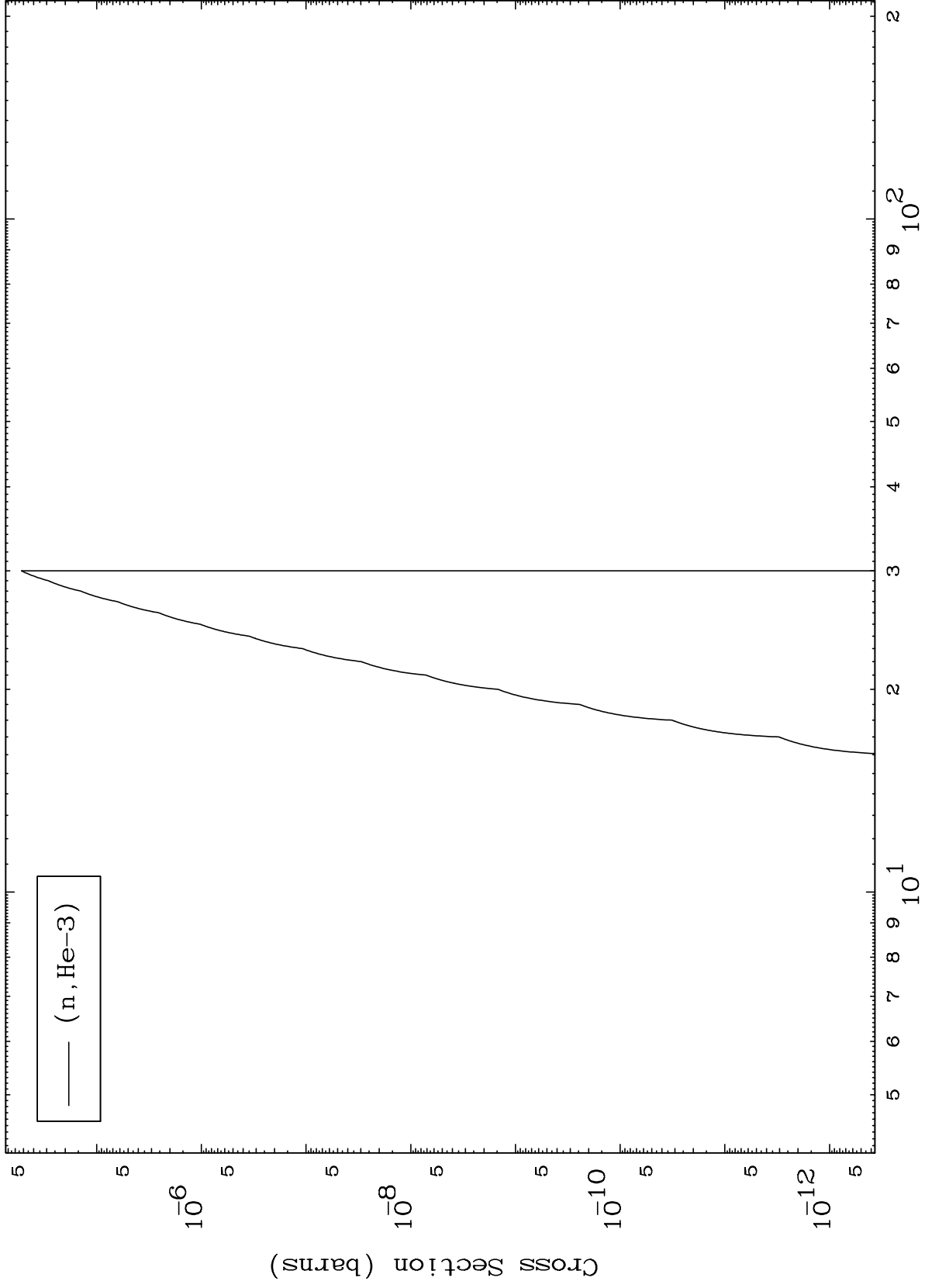
Incident Energy (MeV)

95-Am-244m

MAT 9553

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-244m



15

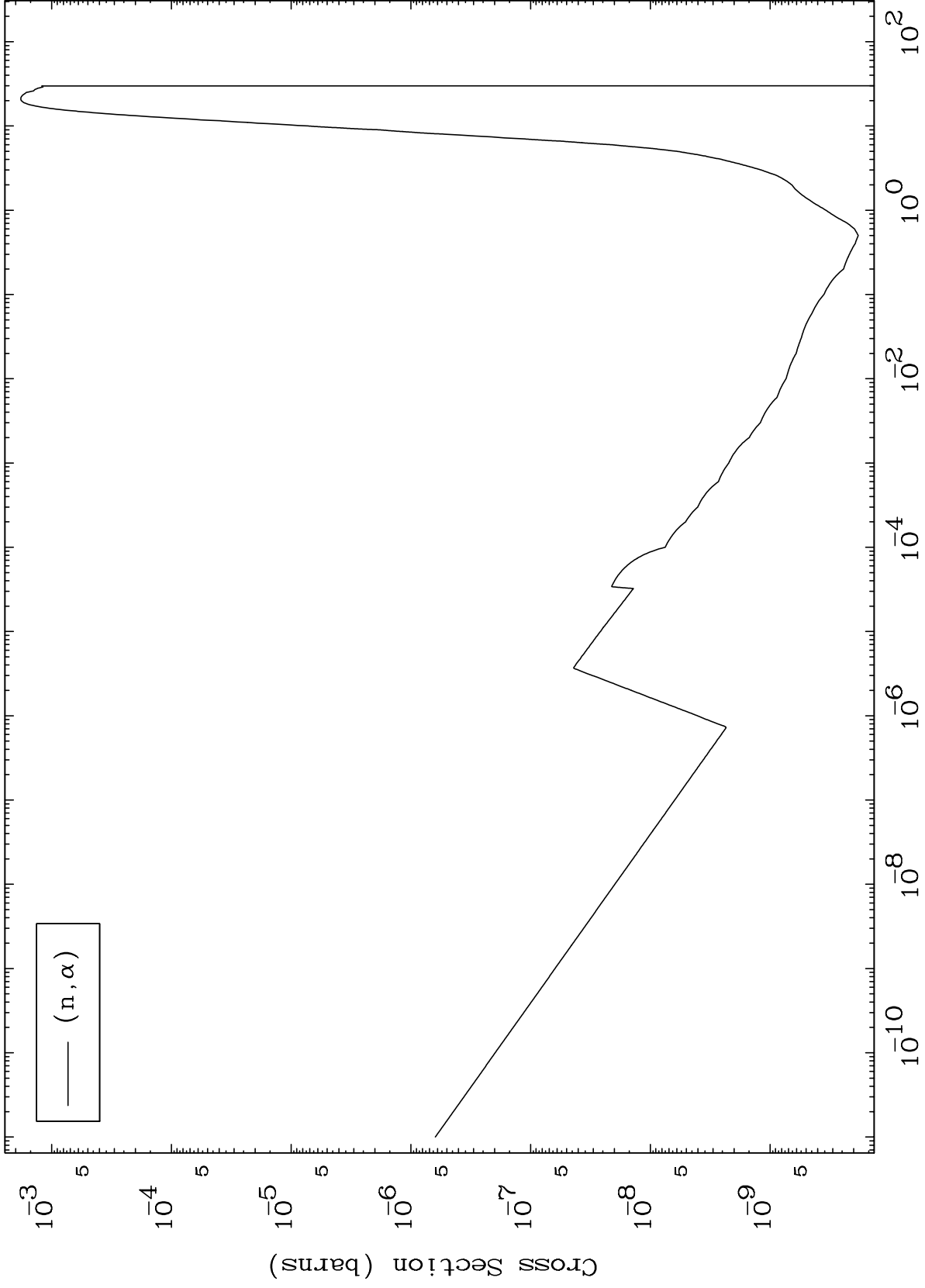
Incident Energy (MeV)

95-Am-244m

MAT 9553

(n, α) Levels
293 Kelvin Cross Sections

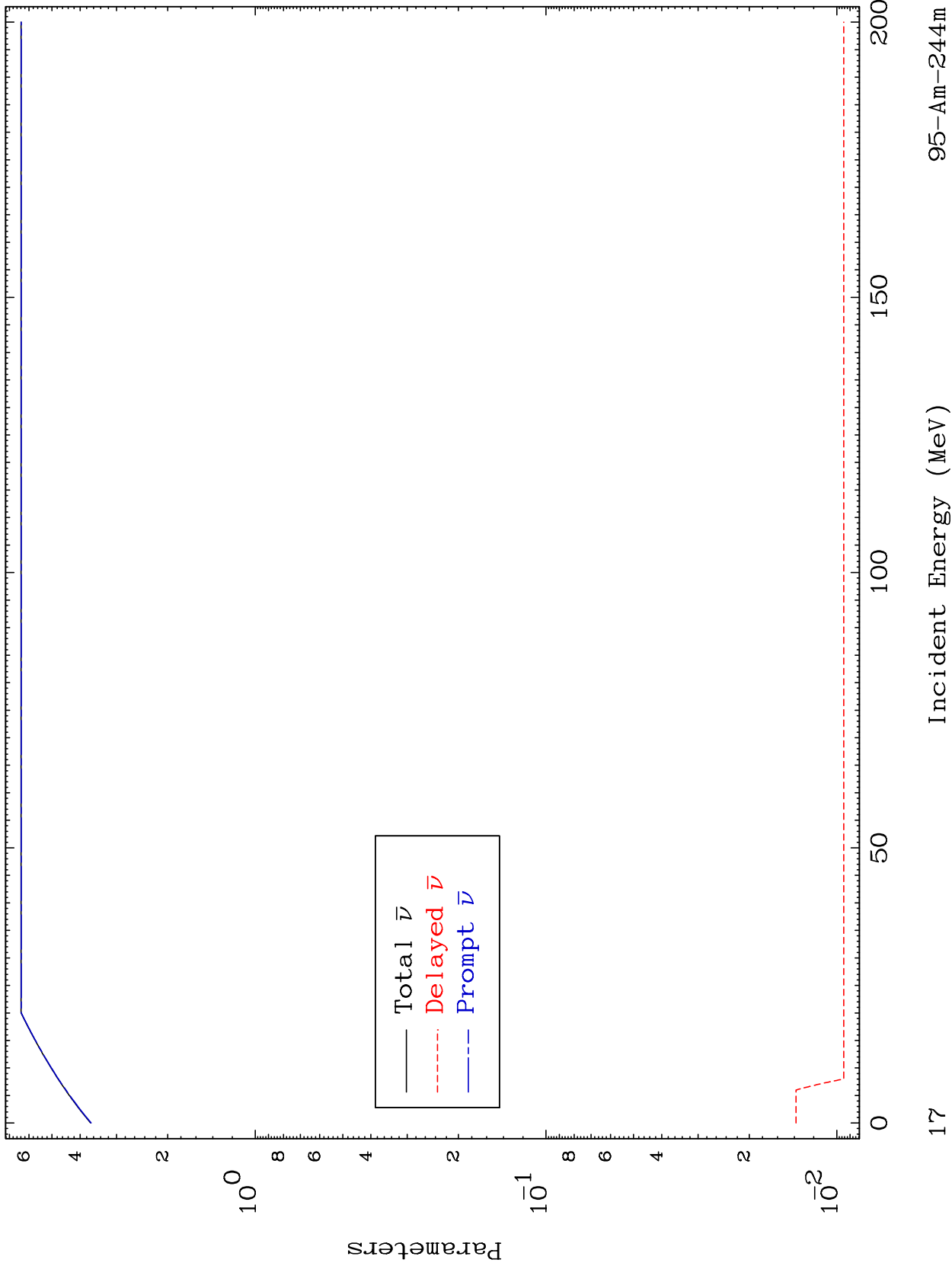
95-Am-244m



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Energy Release
Parameters

95-Am-244m



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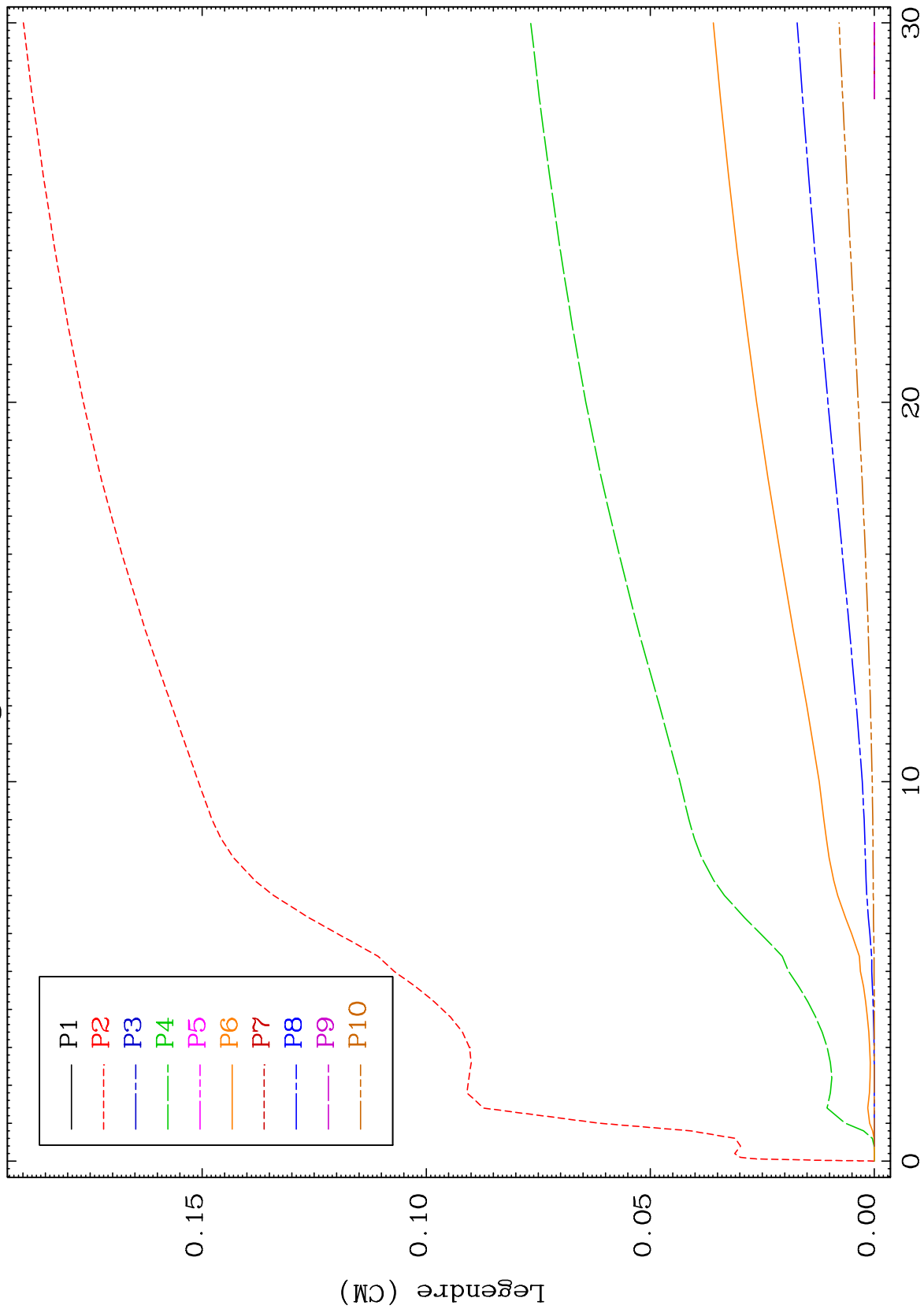
Incident Energy (MeV)

95-Am-244m

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Elastic Legendre Coefficients

95-Am-244m



18

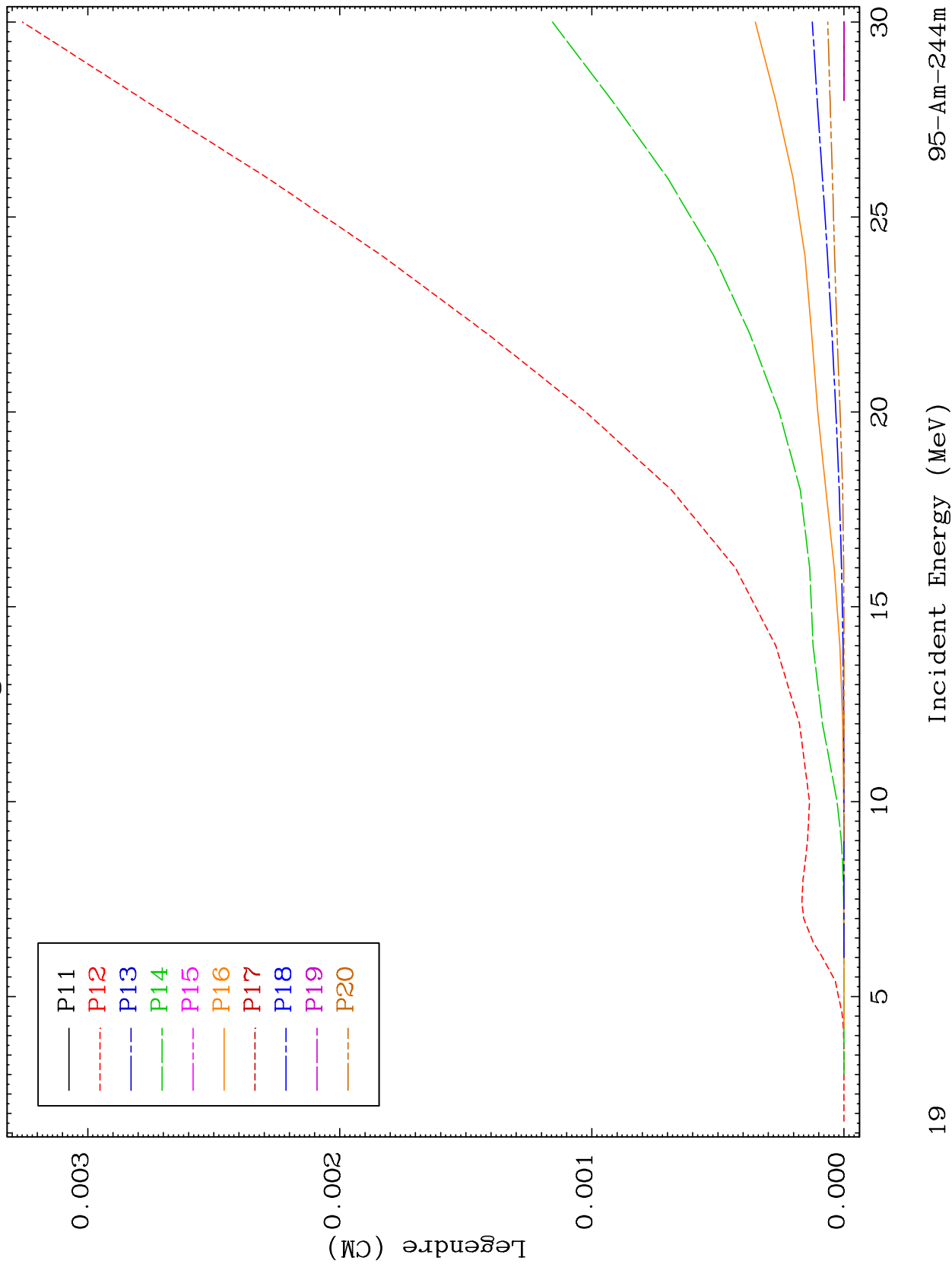
Incident Energy (MeV)

95-Am-244m

MAT 9553

Elastic Legendre Coefficients

95-Am-244m



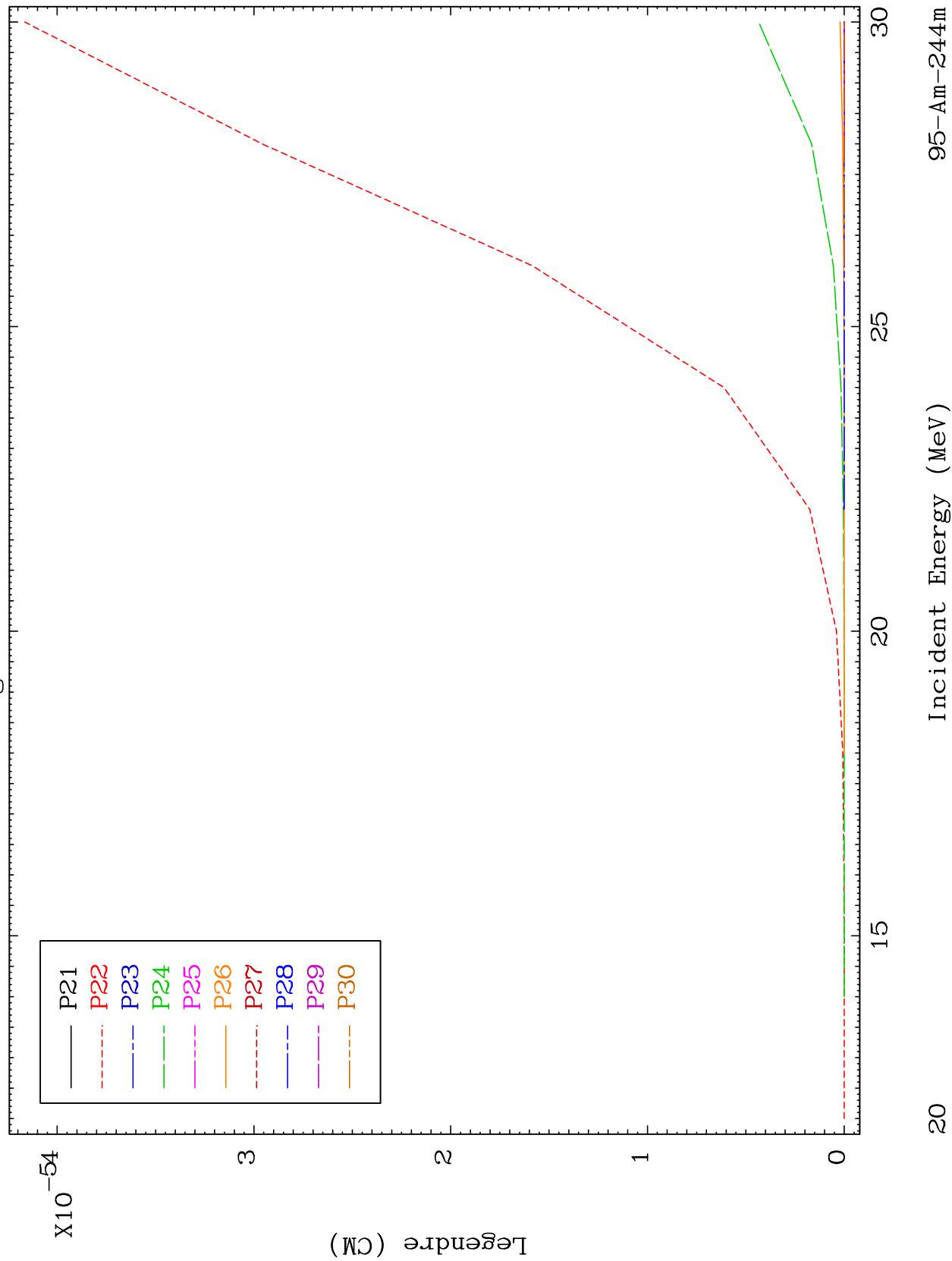
19

95-Am-244m

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Elastic Legendre Coefficients

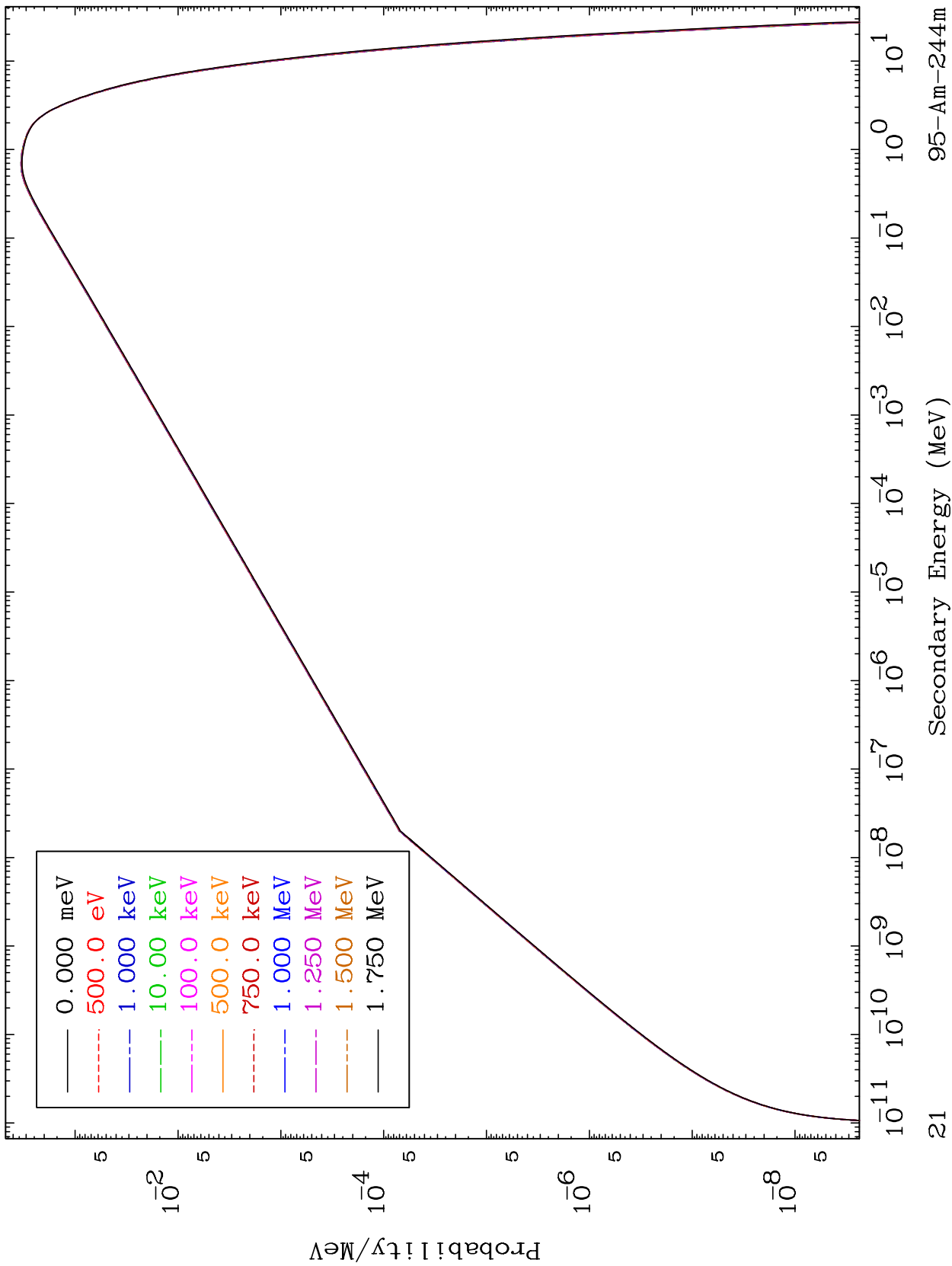
95-Am-244m



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Fission Energy Distributions

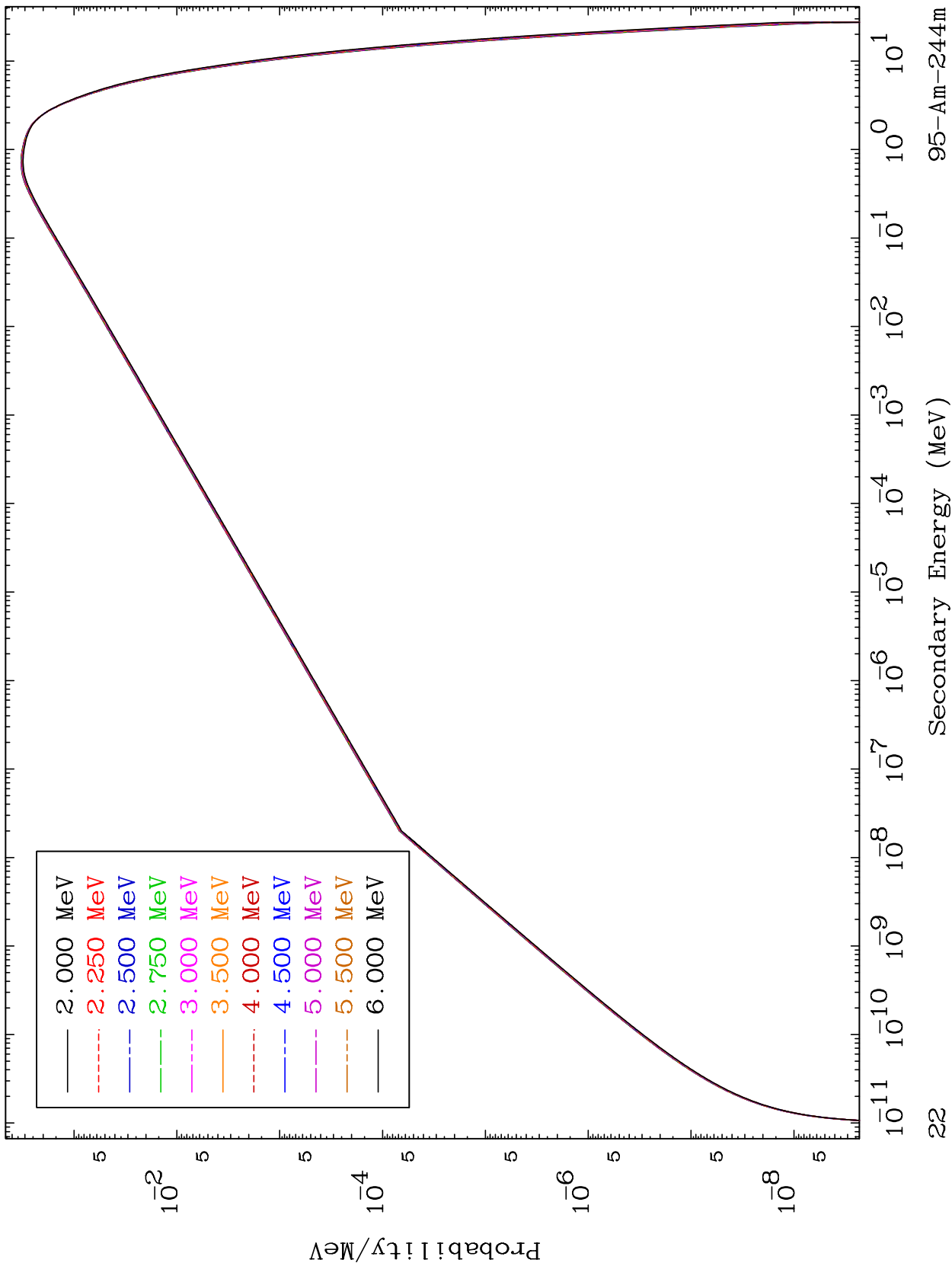
95-Am-244m



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Fission Energy Distributions

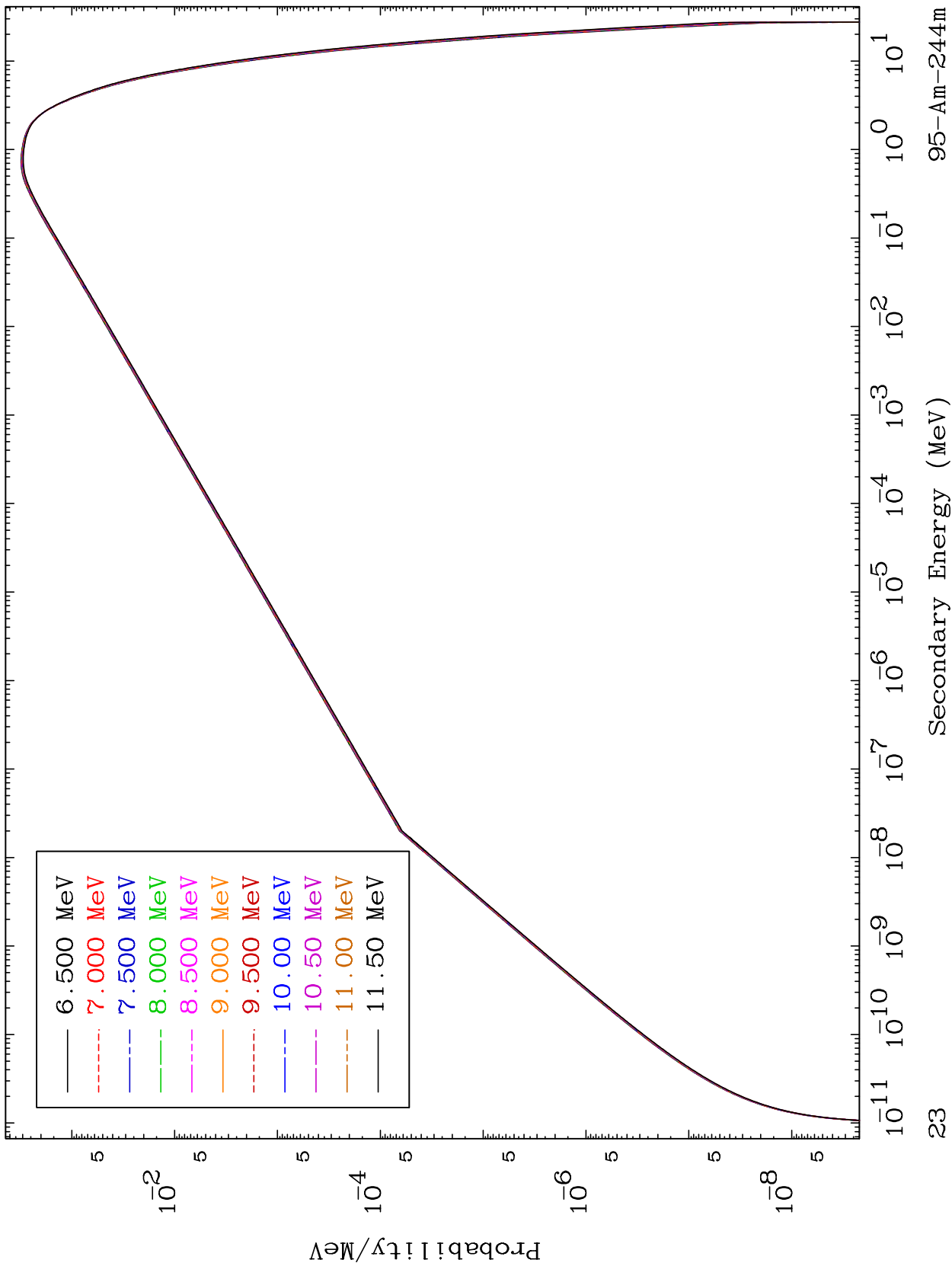
95-Am-244m



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Fission Energy Distributions

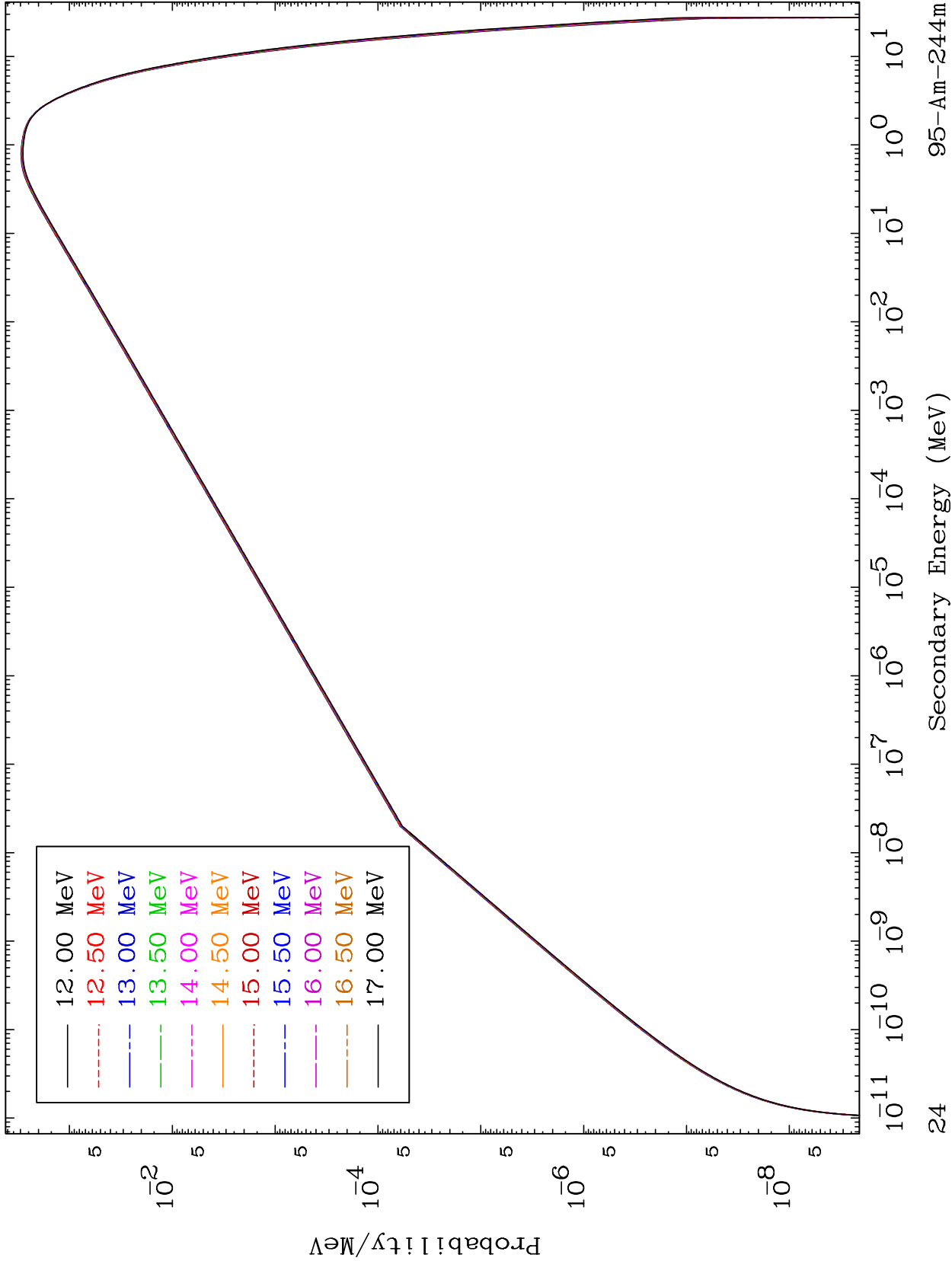
95-Am-244m



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Fission Energy Distributions

95-Am-244m



95-Am-244m

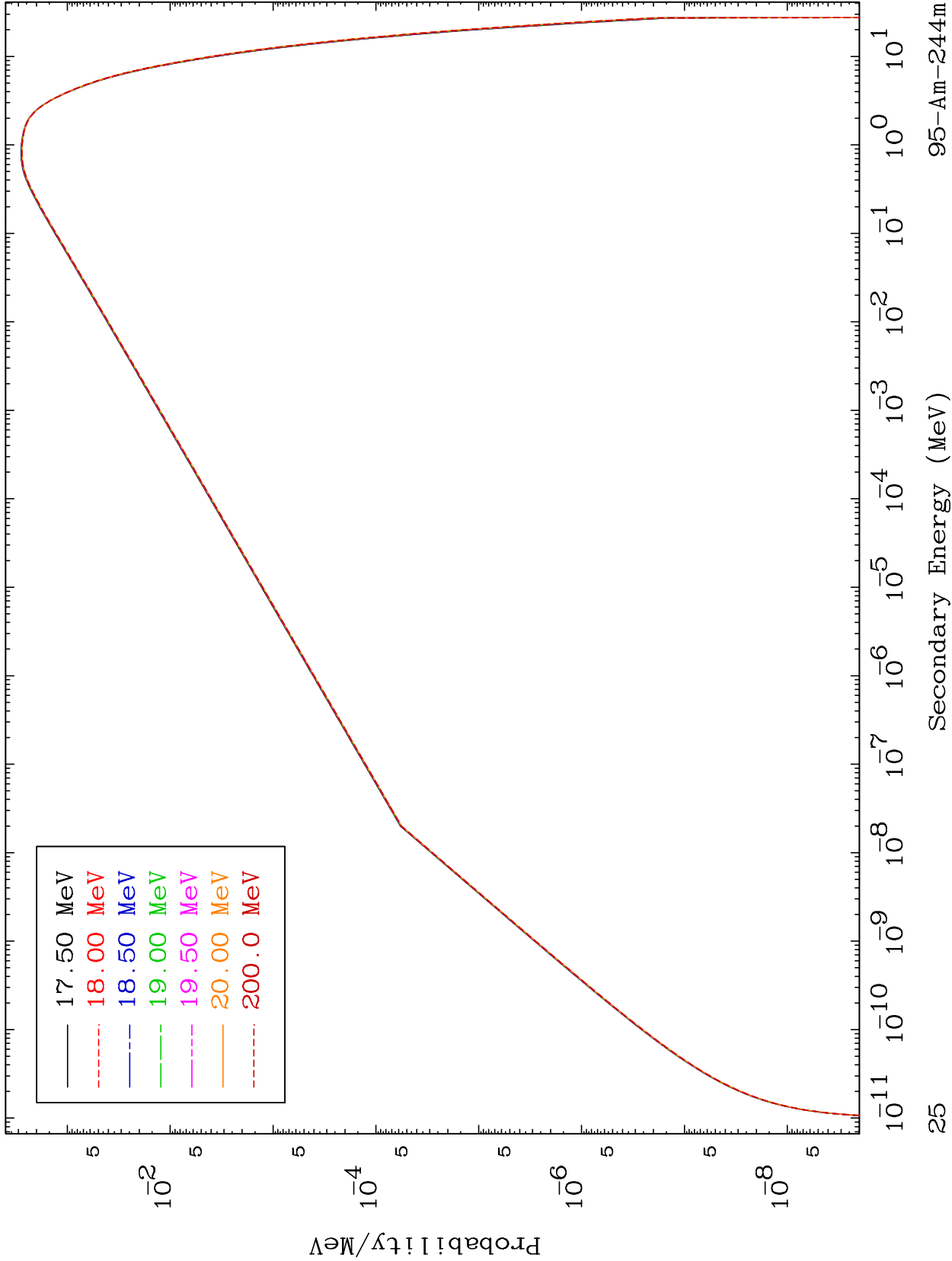
Secondary Energy (MeV)

24

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Fission Energy Distributions

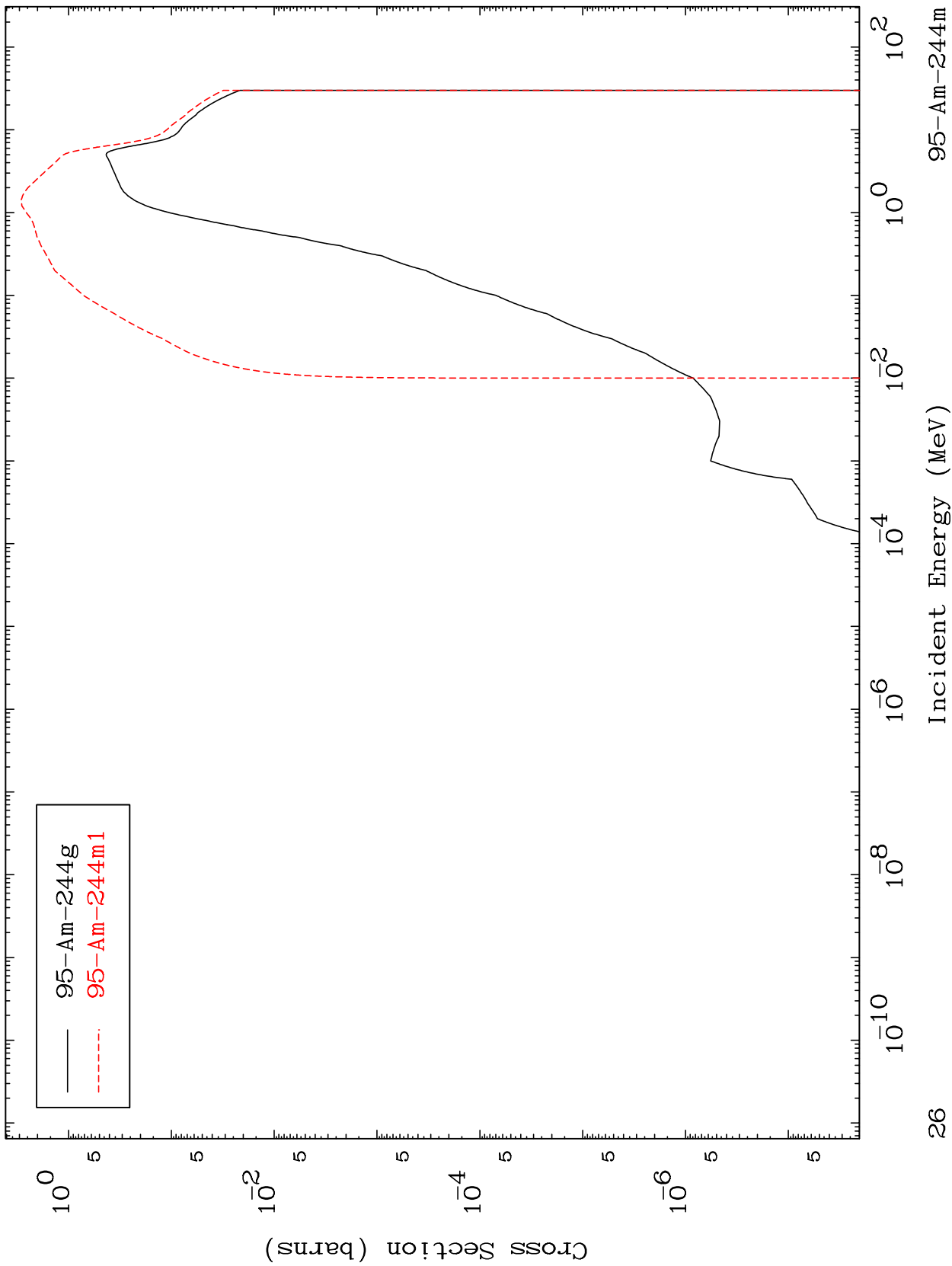
95-Am-244m



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95-Am-244m

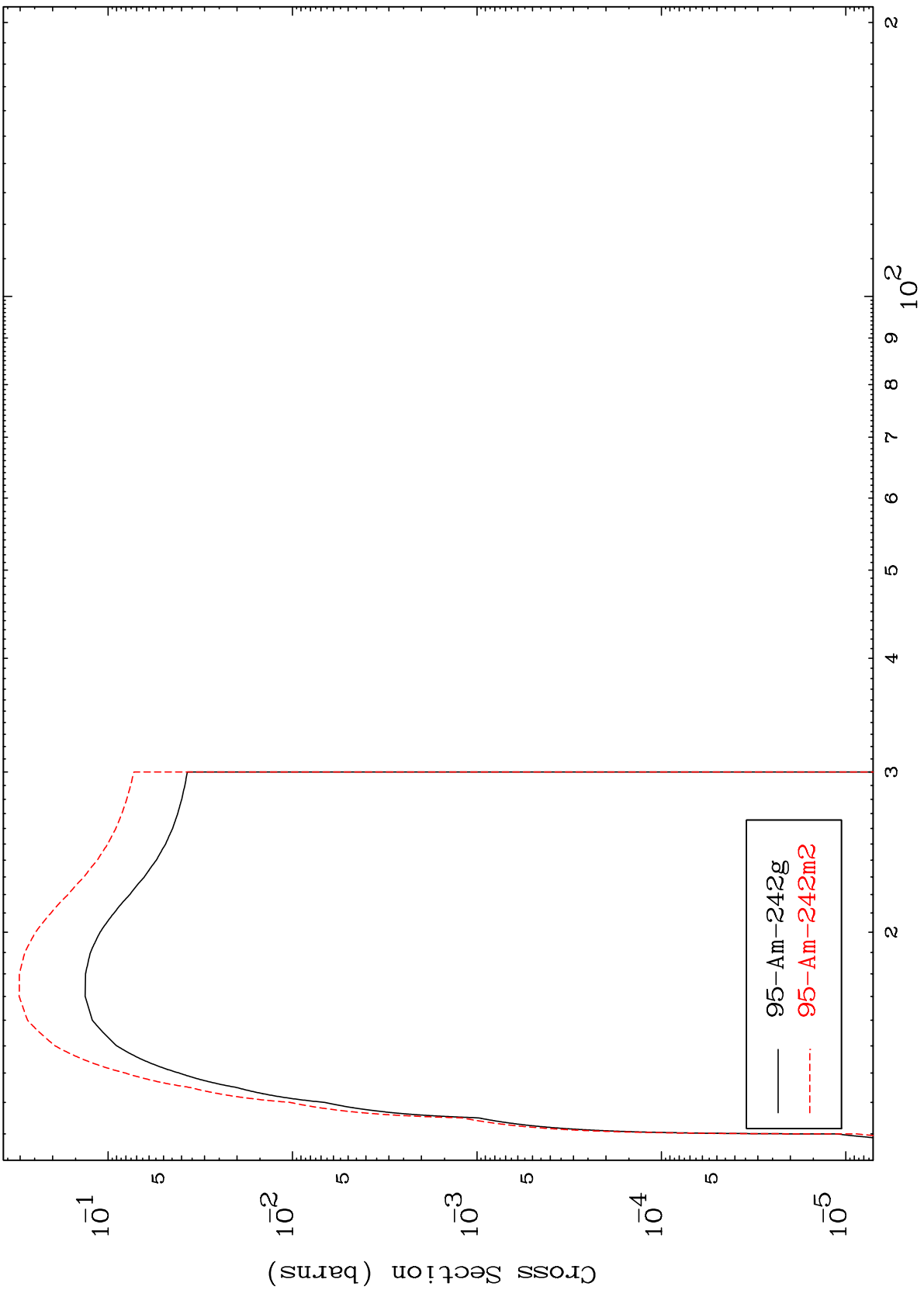
Inelastic
Radionuclide Production Cross Section



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95-Am-244m

(n,3n)
Radionuclide Production Cross Section



95-Am-244m

Incident Energy (MeV)

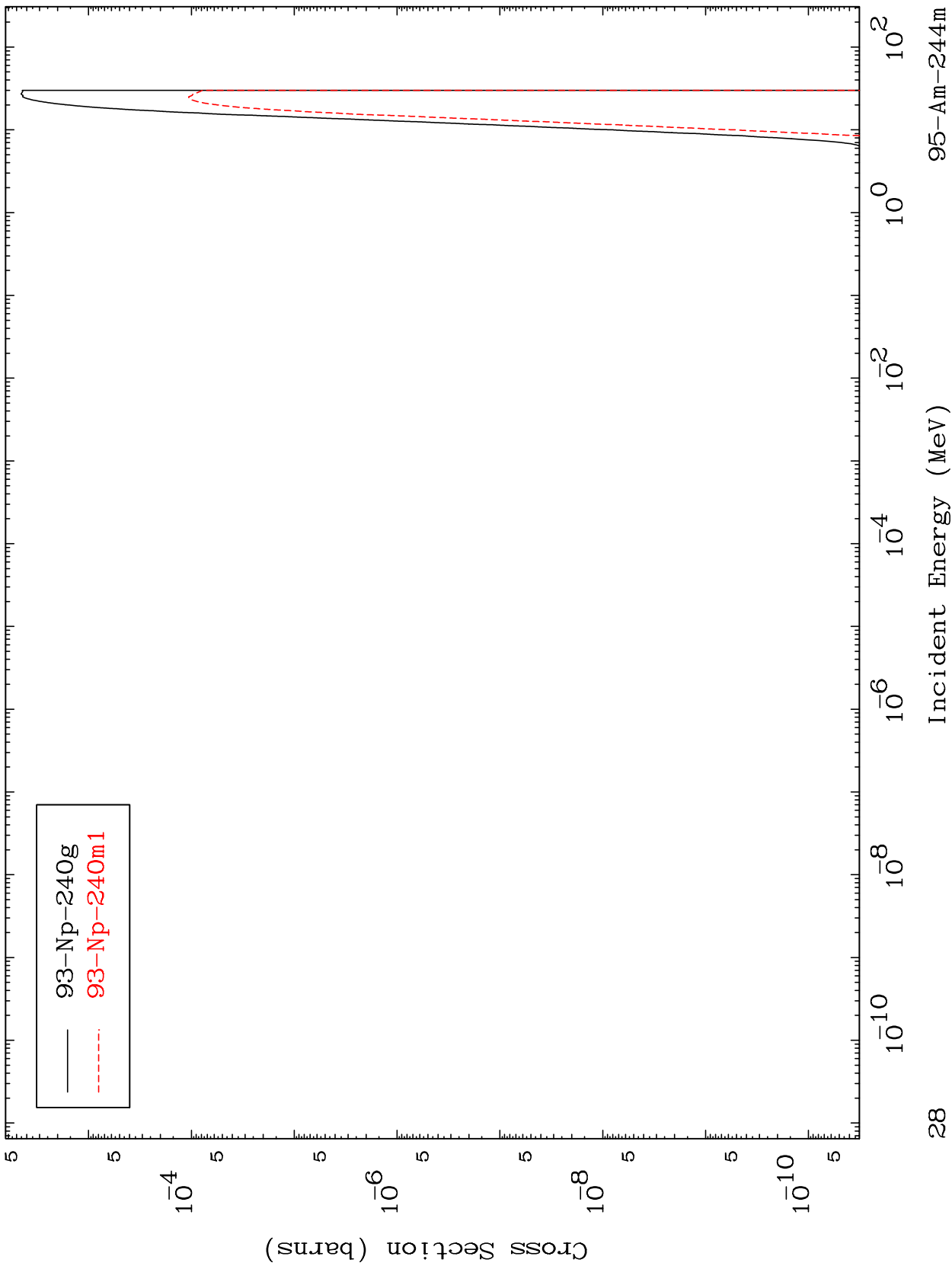
27

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$(n, n') \alpha$

95-Am-244m

Radionuclide Production Cross Section

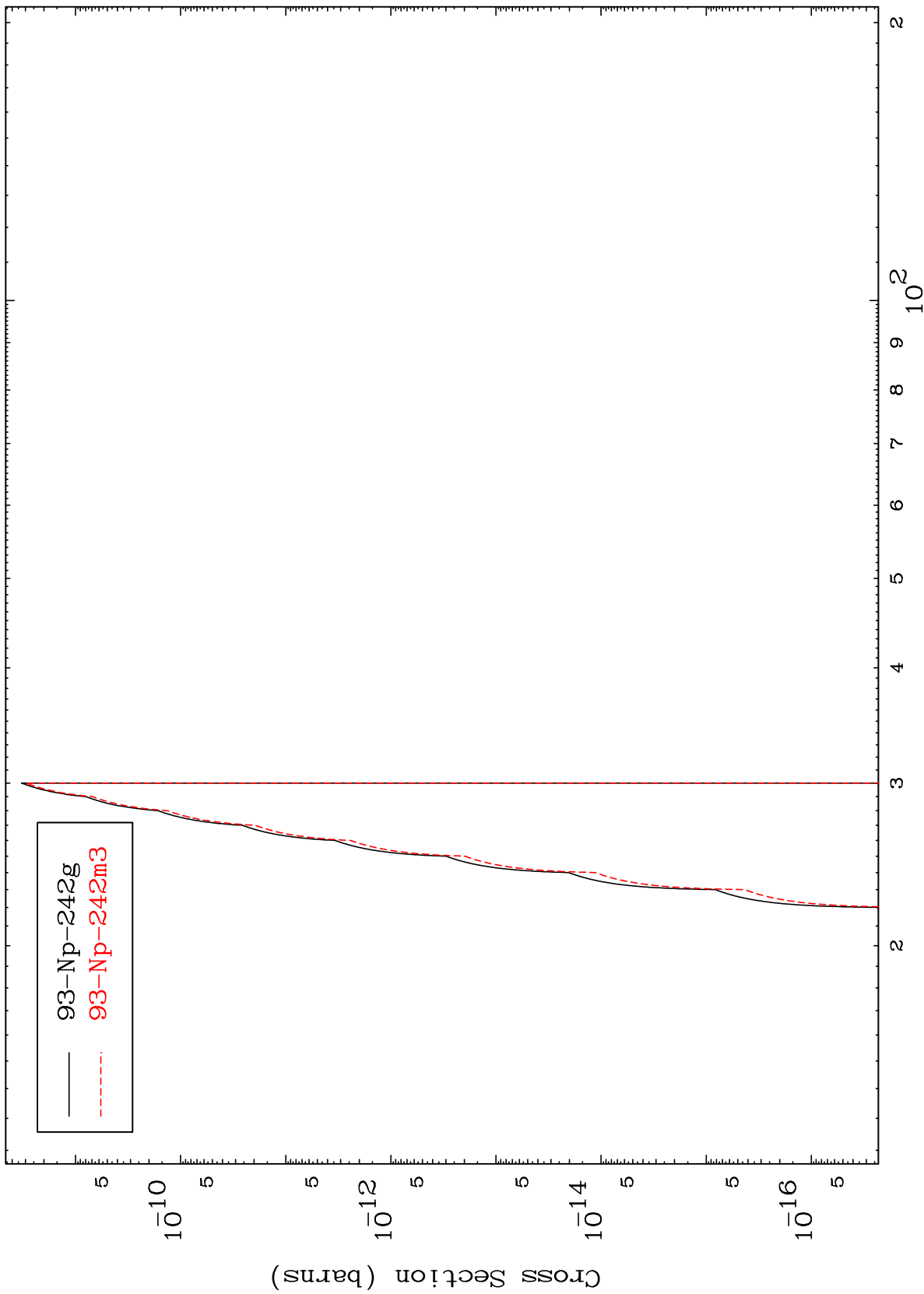


— 93-Np-240g
- - - 93-Np-240m1

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95-Am-244m

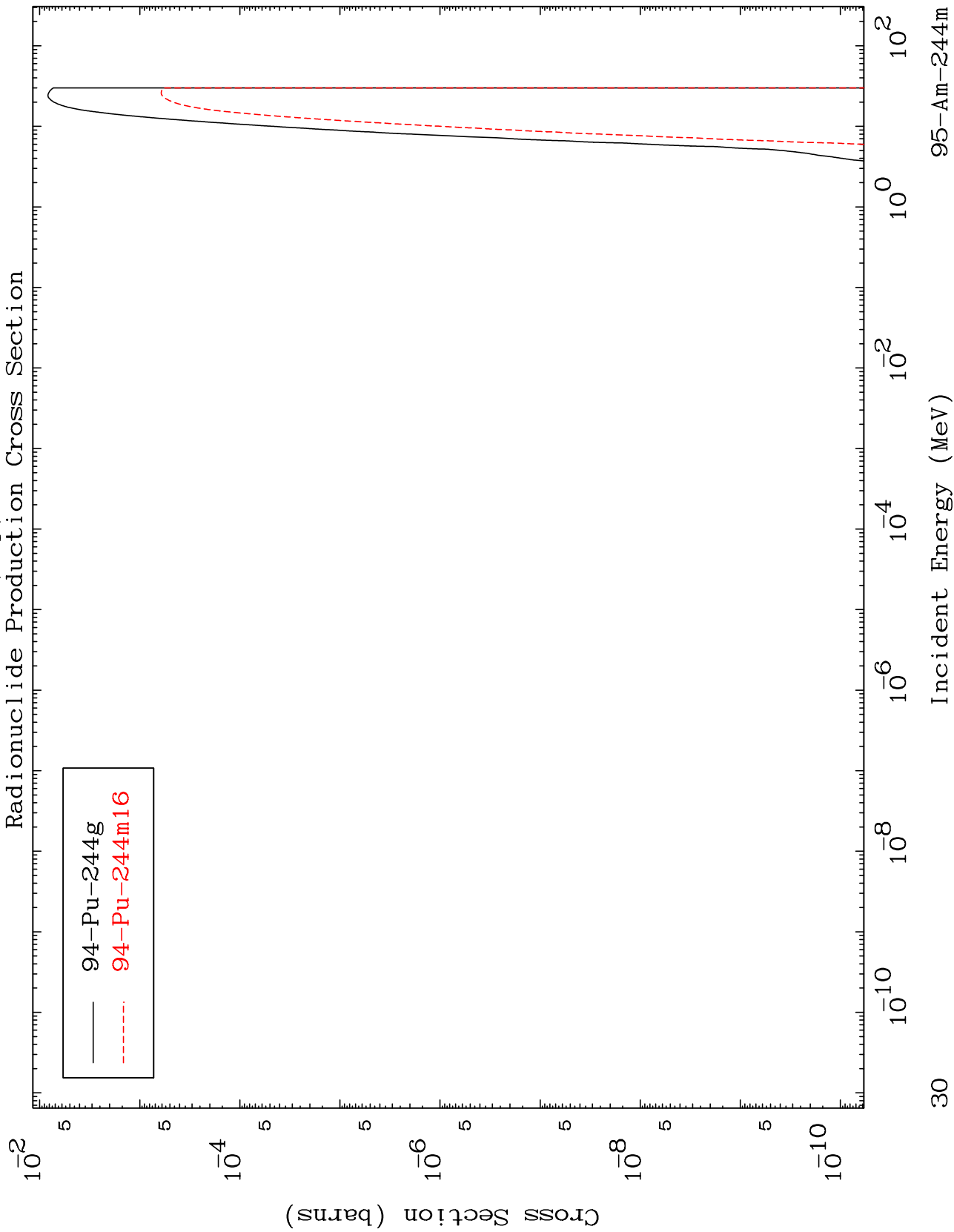
(n,2n) p
Radionuclide Production Cross Section



MAT 9553

95-Am-244m

(n,p)
Radionuclide Production Cross Section



— 94-Pu-244g
- - - 94-Pu-244m16

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95-Am-244m

Radionuclide Production Cross Section
(n,He-3)

