

Program EVALPLOT
(Version 2021-1)

by

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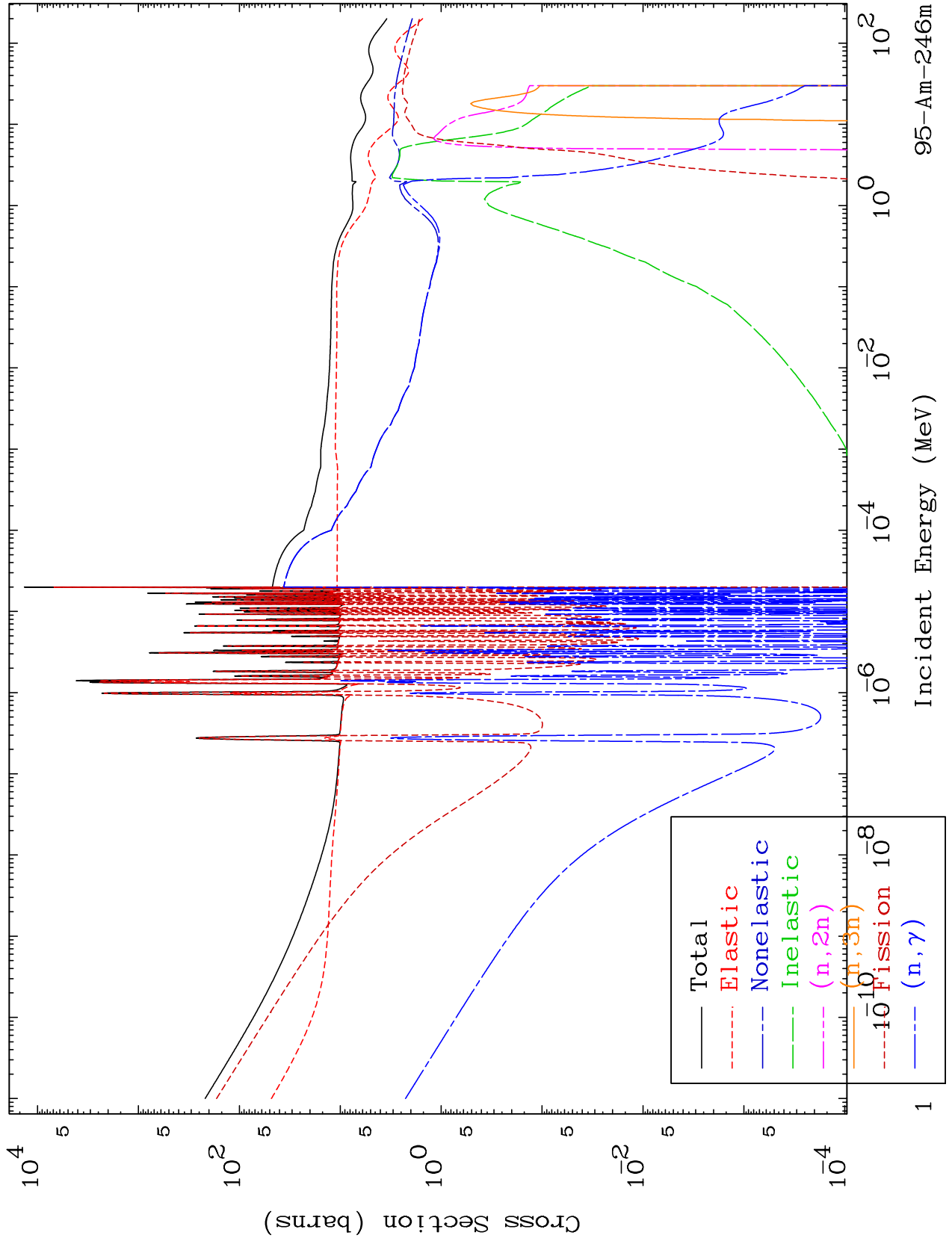
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9559

Neutron Major
293 Kelvin Cross Sections

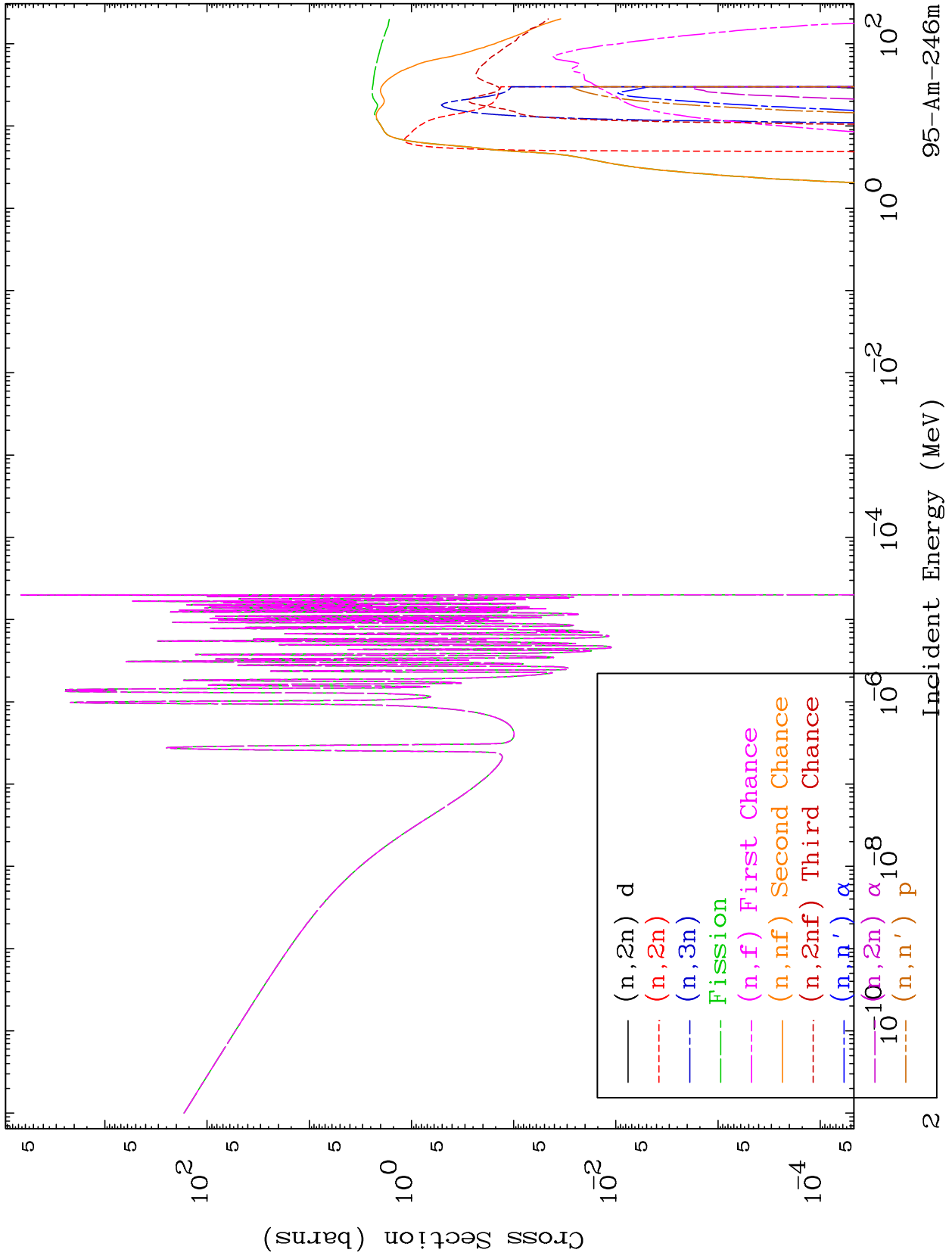
95-Am-246m

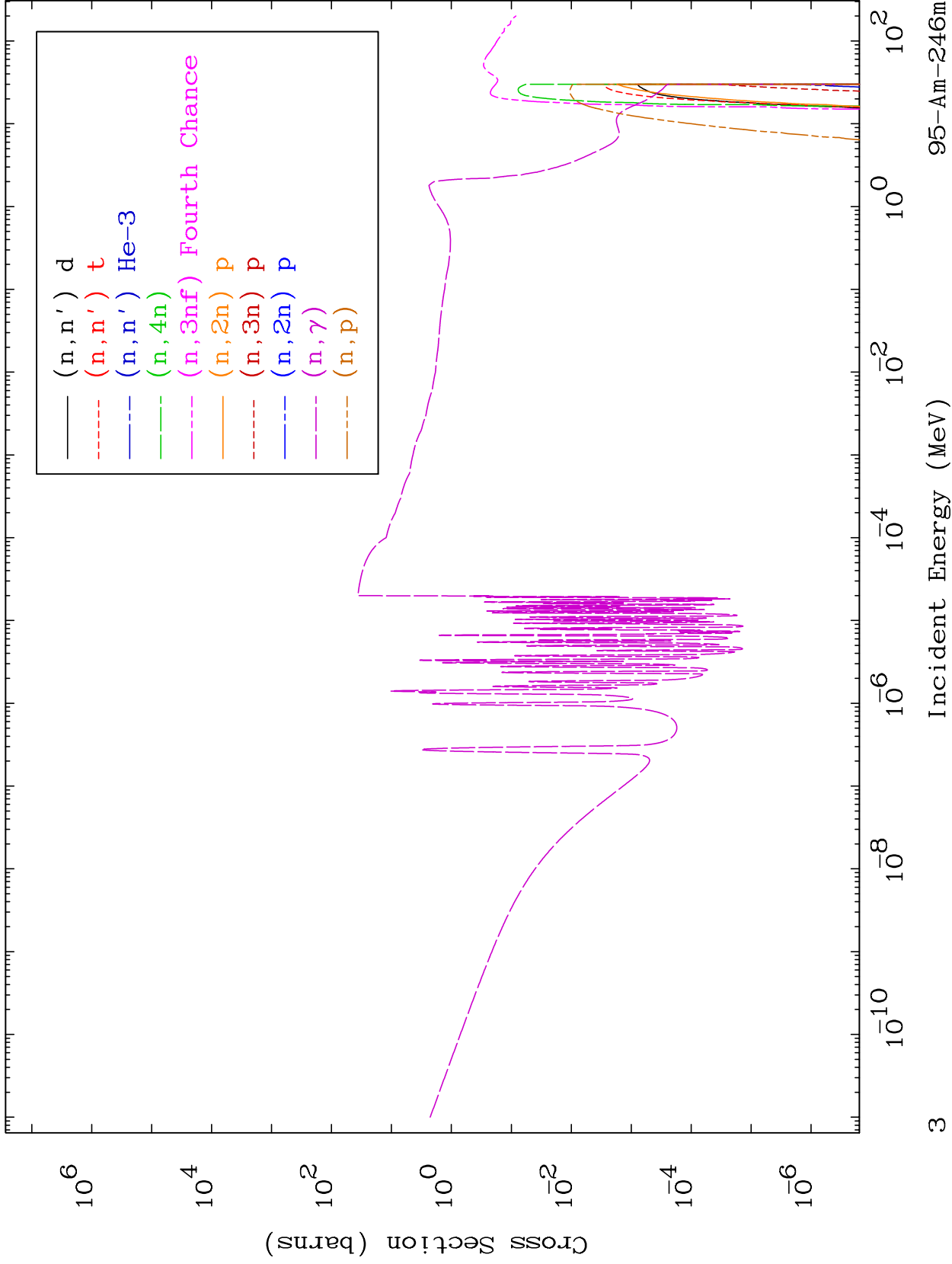


MAT 9559

Neutron Absorption
293 Kelvin Cross Sections

95-Am-246m

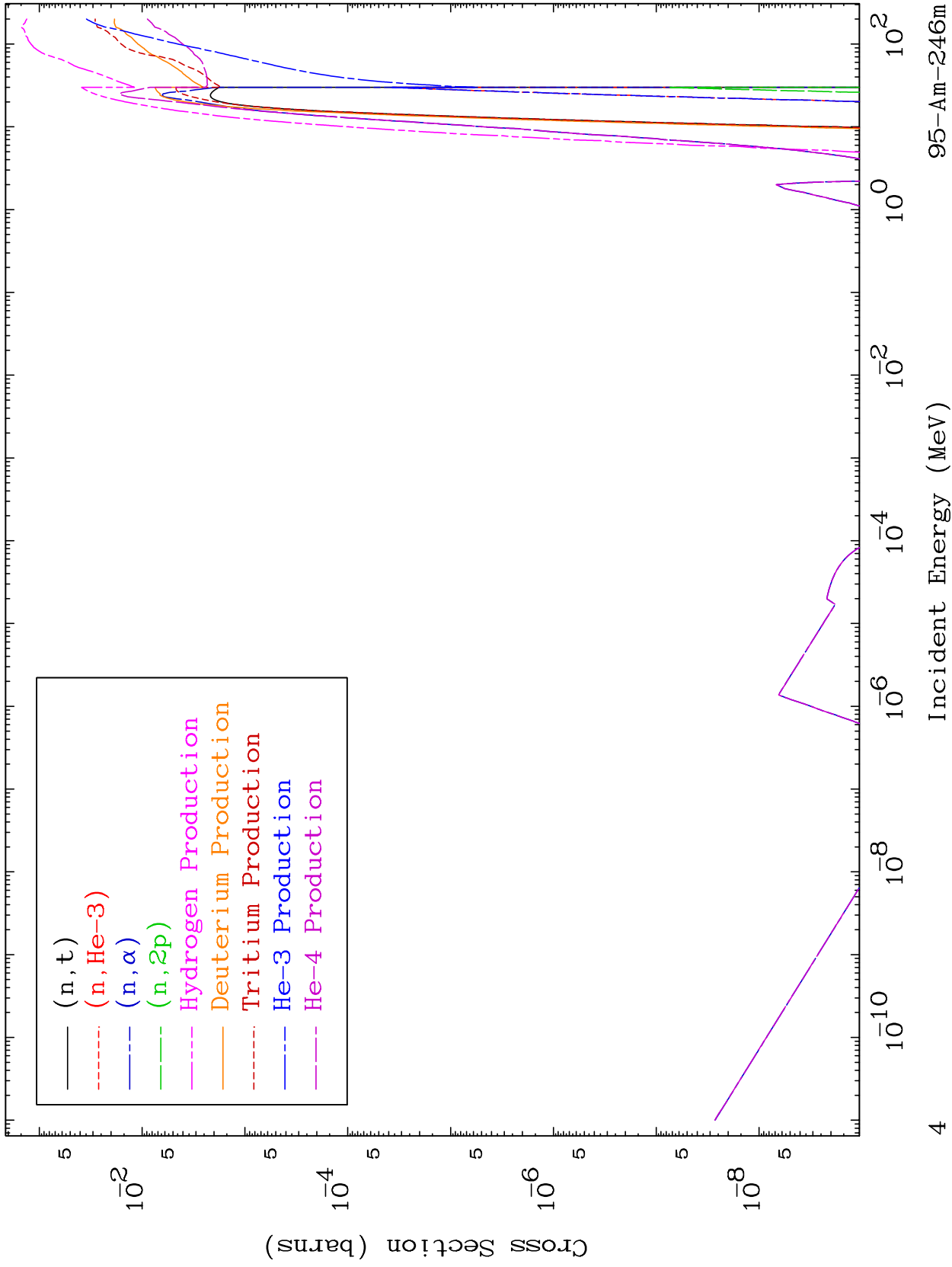




MAT 9559

Neutron Absorption
293 Kelvin Cross Sections

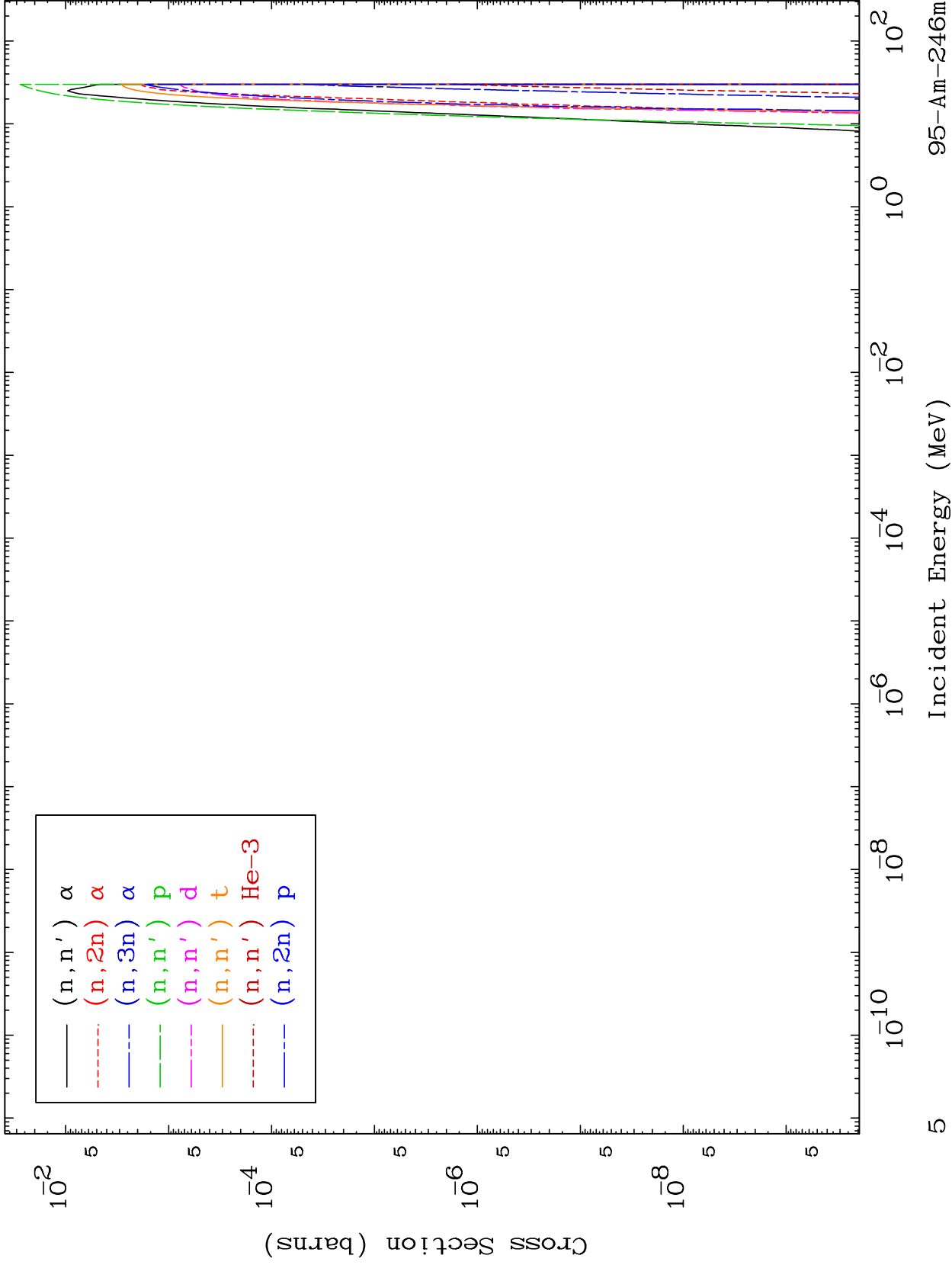
95-Am-246m



MAT 9559

Charged Particle
293 Kelvin Cross Sections

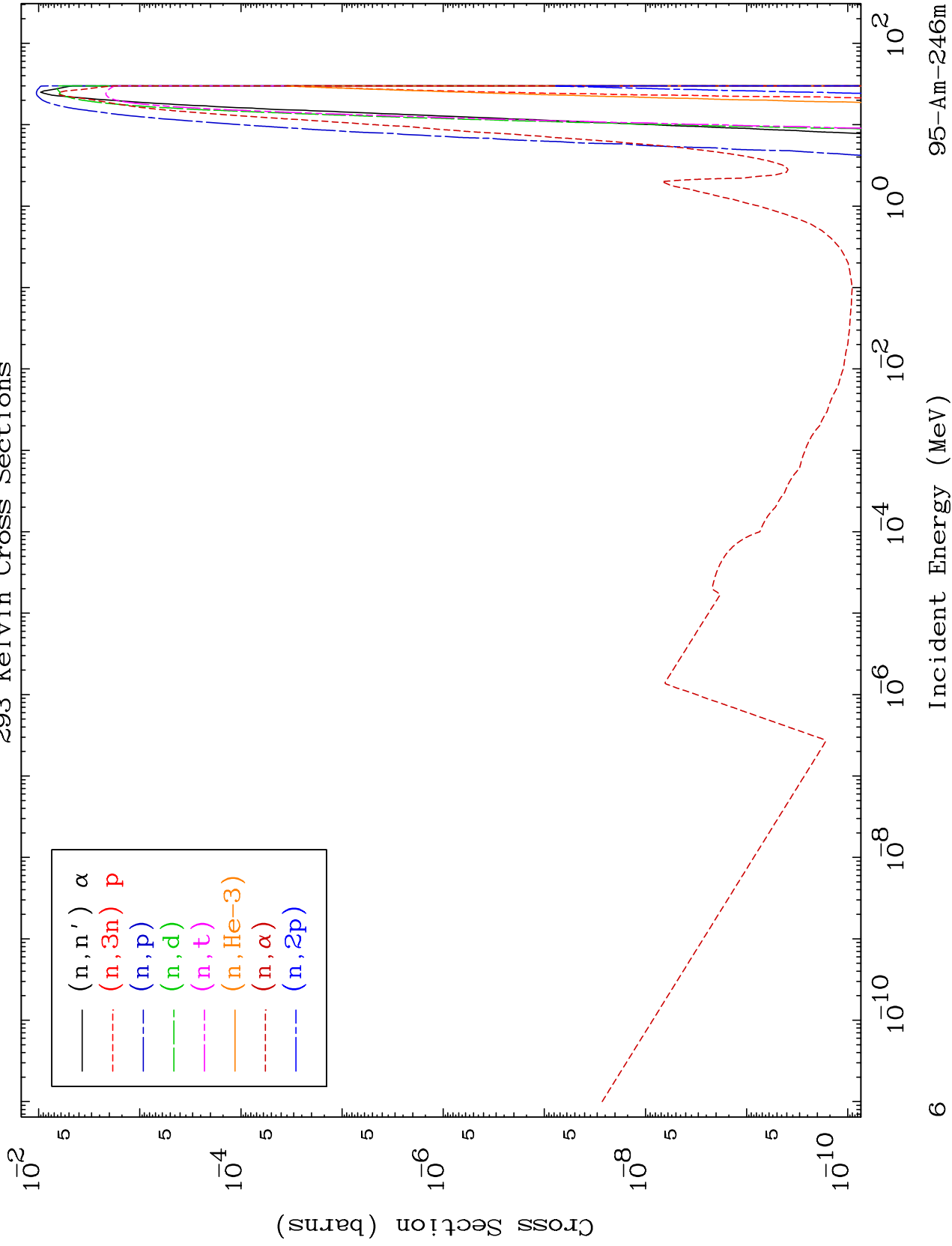
95-Am-246m



MAT 9559

Charged Particle
293 Kelvin Cross Sections

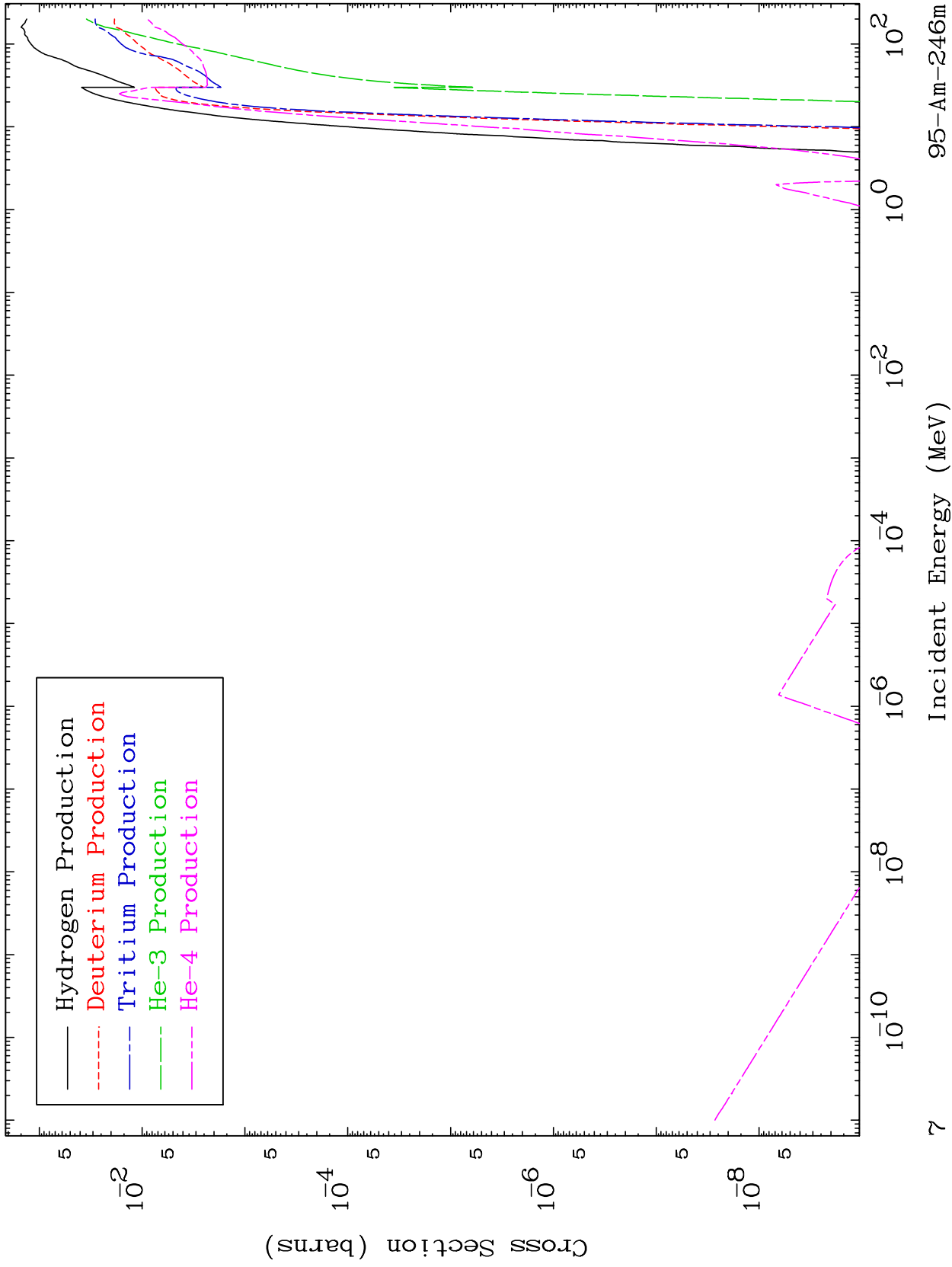
95-Am-246m



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Particle Production
293 Kelvin Cross Sections

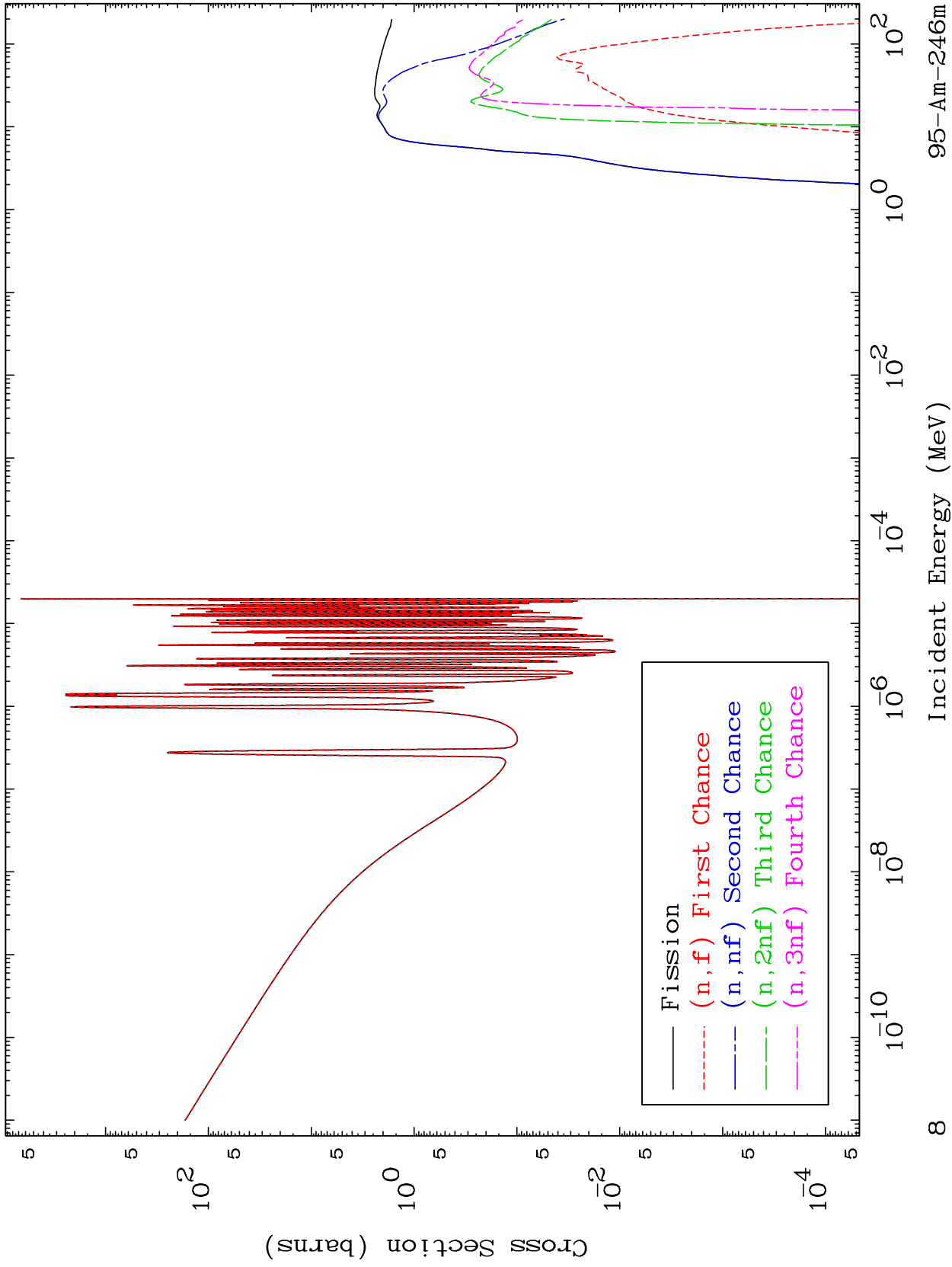
95-Am-246m



MAT 9559

Fission
293 Kelvin Cross Sections

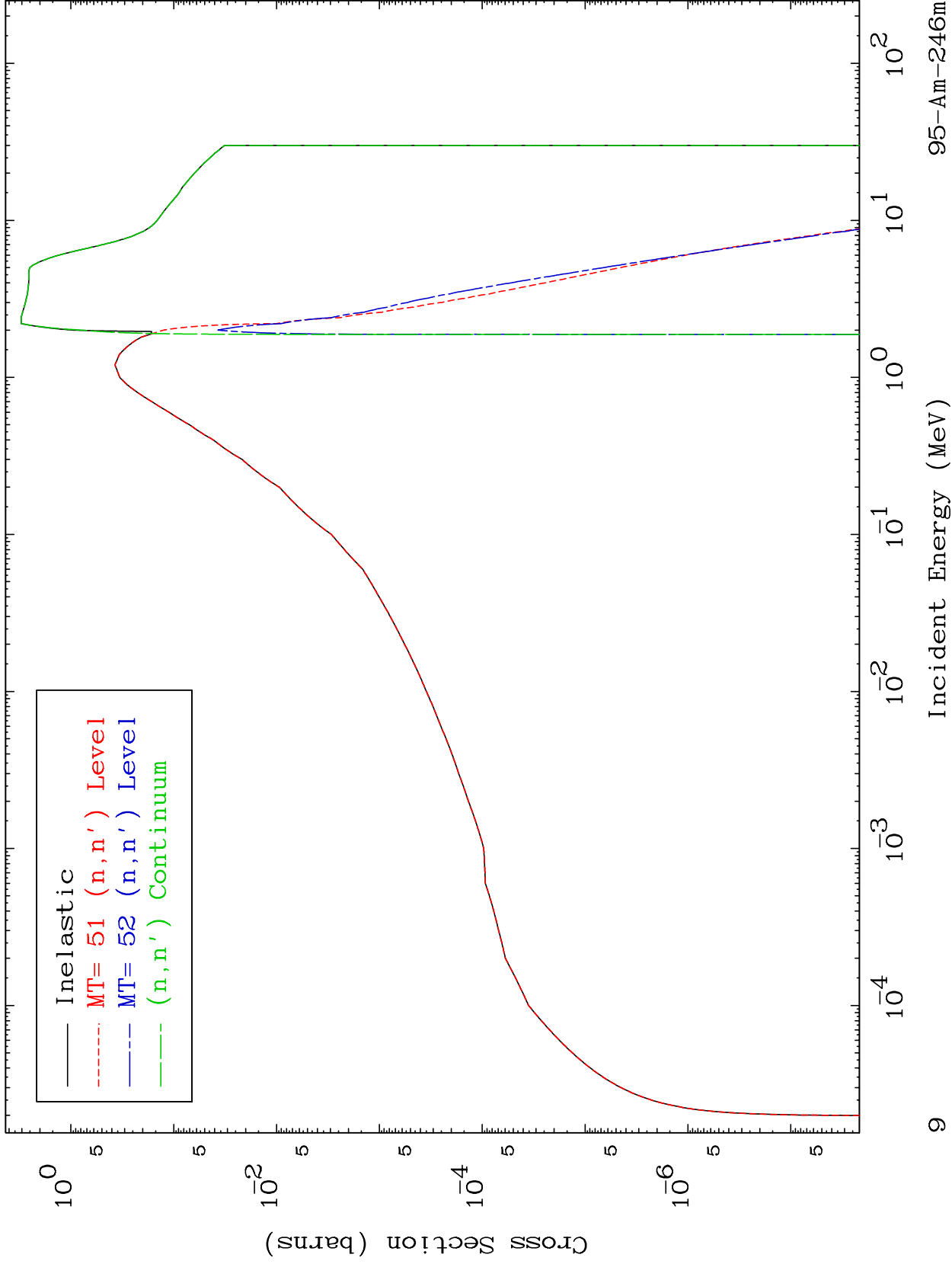
95-Am-246m



MAT 9559

(n,n') Levels
293 Kelvin Cross Sections

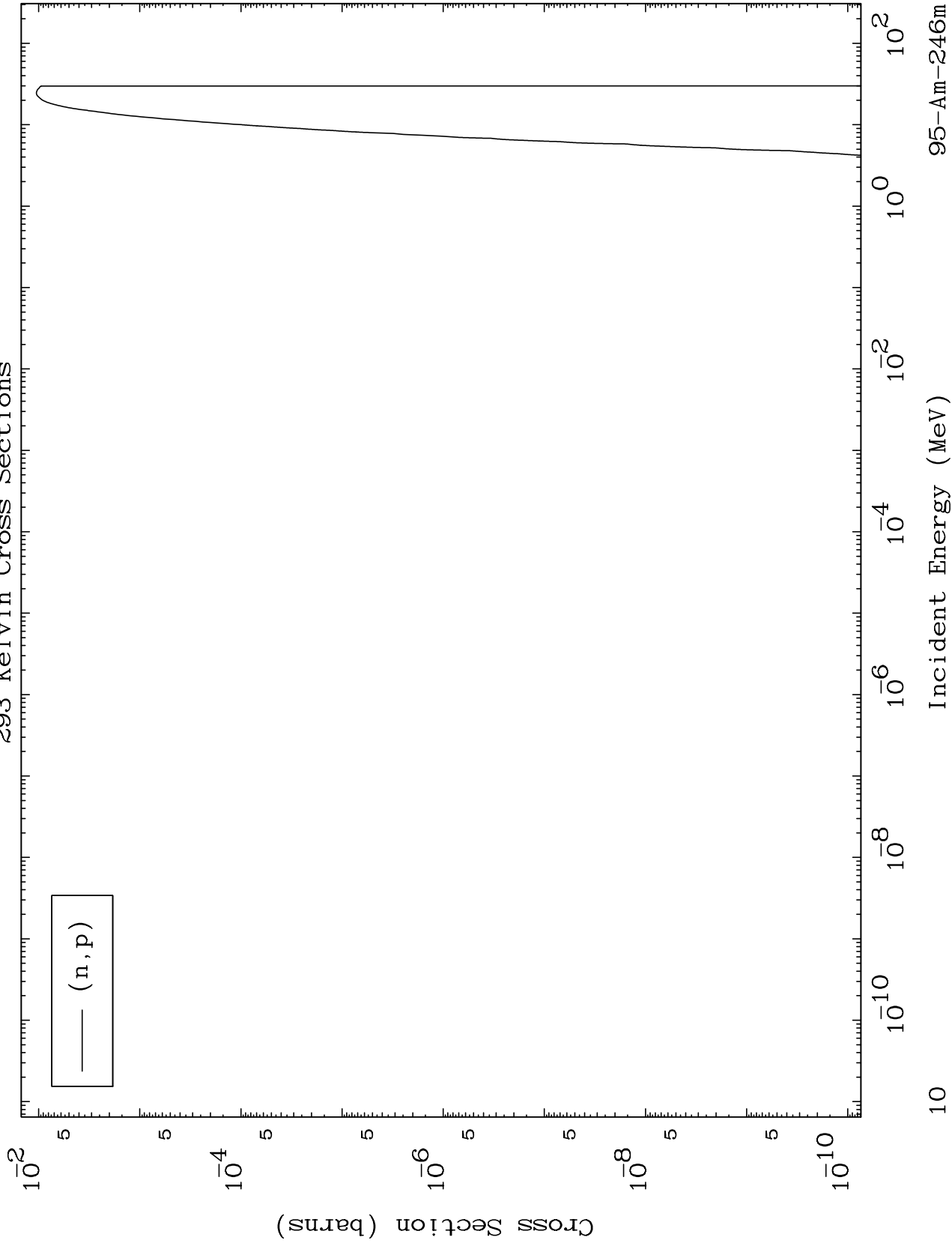
95-Am-246m



MAT 9559

(n,p) Levels
293 Kelvin Cross Sections

95-Am-246m



10

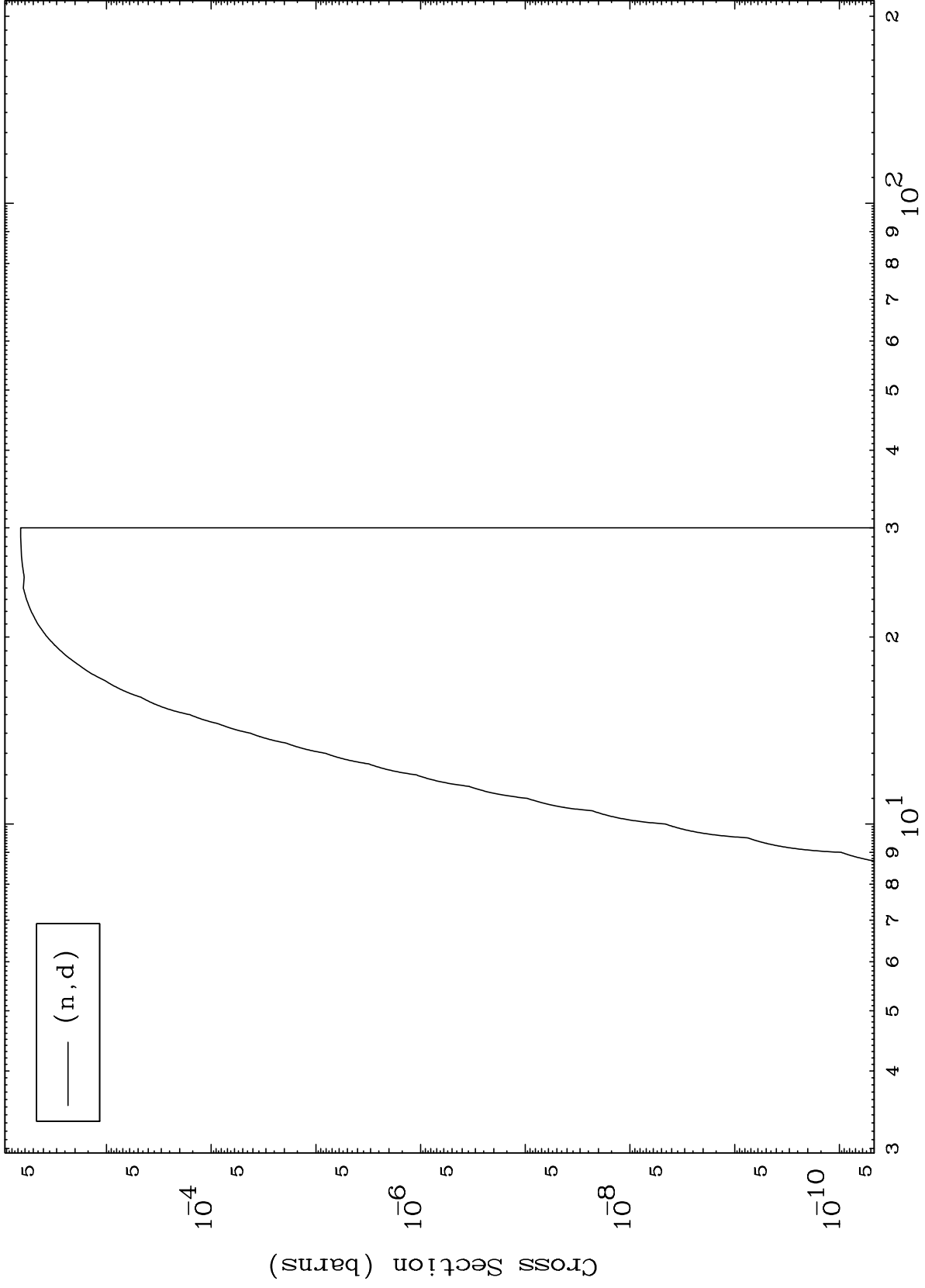
Incident Energy (MeV)

95-Am-246m

MAT 9559

(n,d) Levels
293 Kelvin Cross Sections

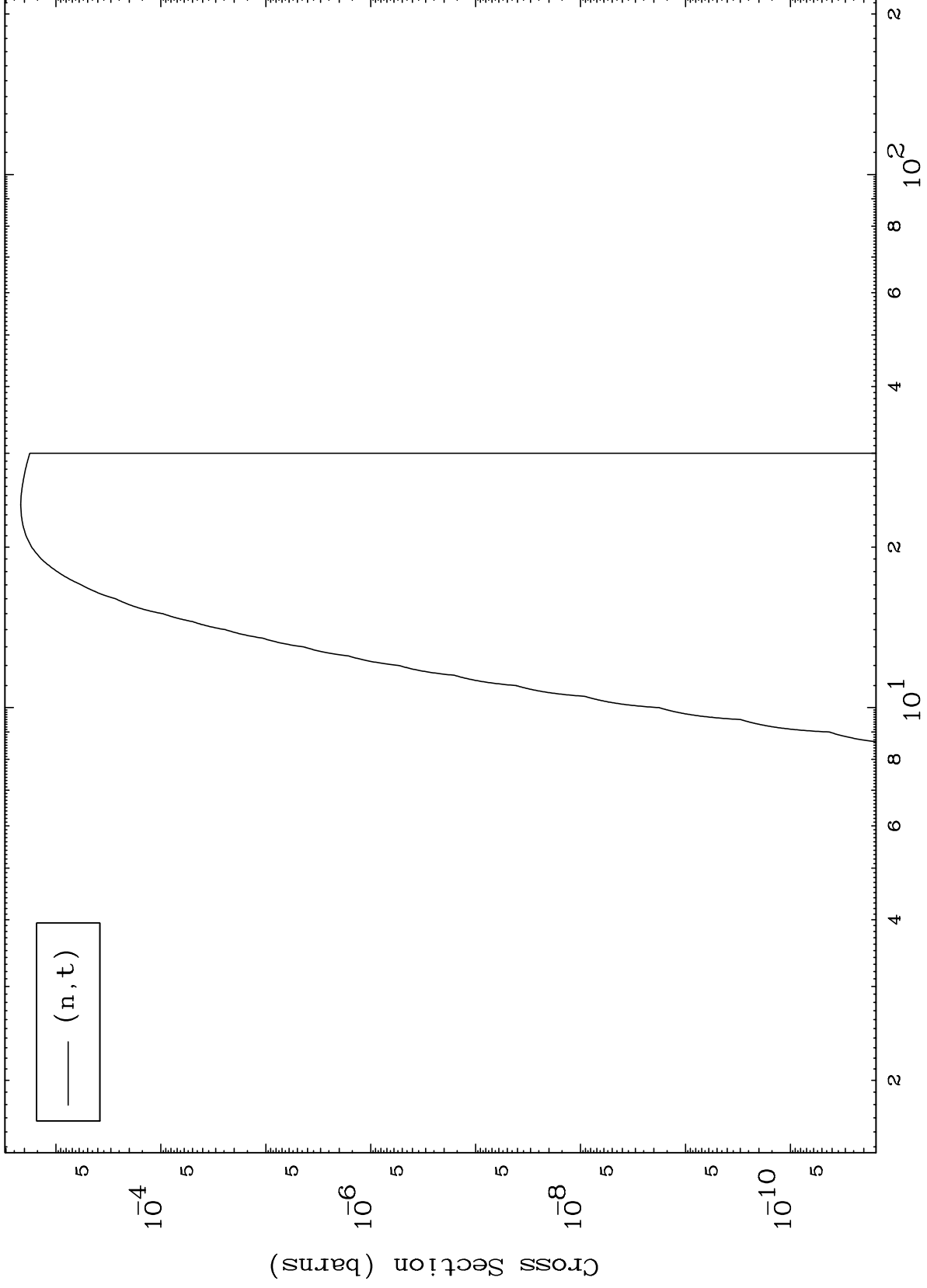
95-Am-246m



MAT 9559

(n, t) Levels
293 Kelvin Cross Sections

95-Am-246m



12

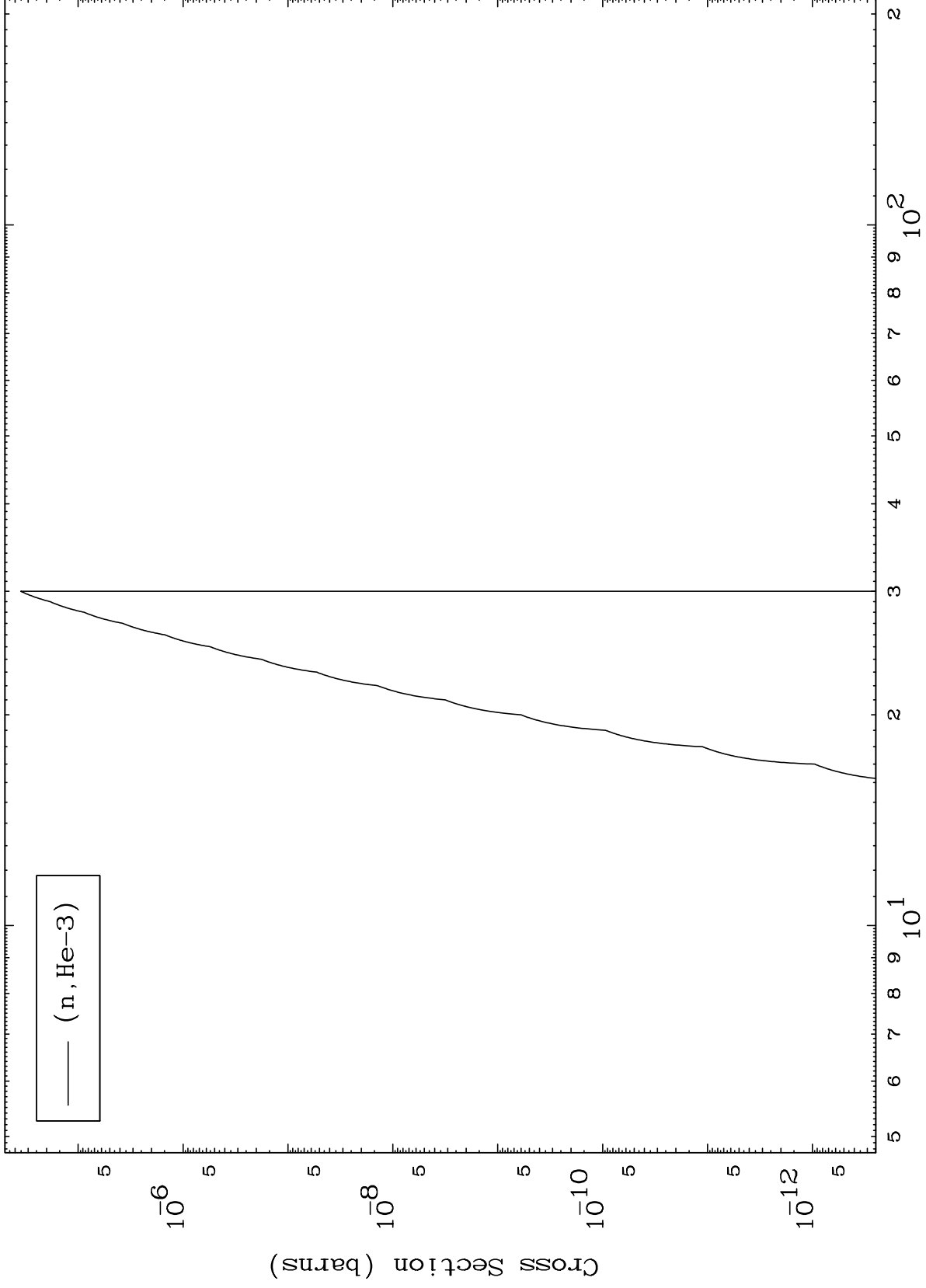
Incident Energy (MeV)

95-Am-246m

MAT 9559

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-246m



13

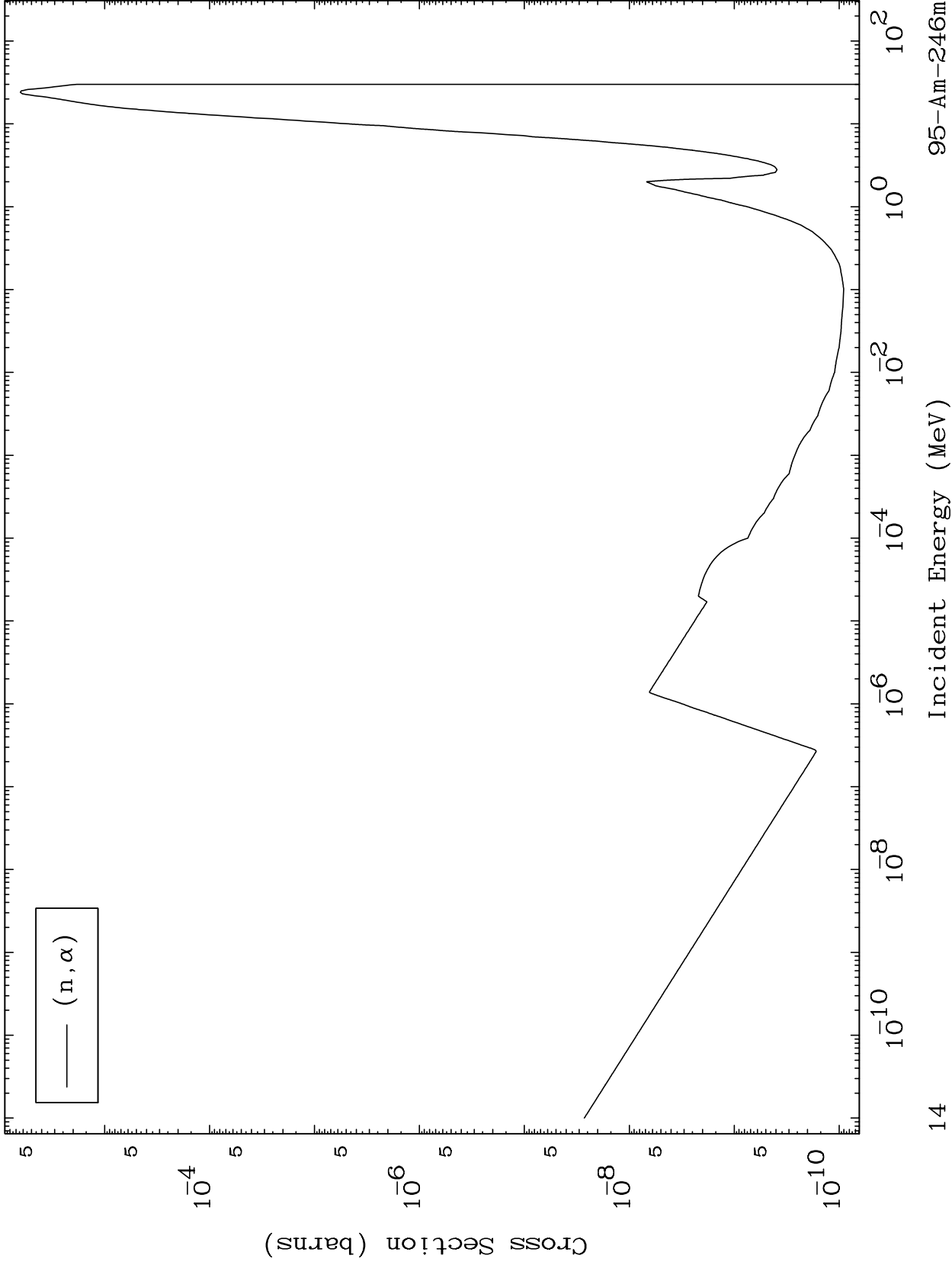
Incident Energy (MeV)

95-Am-246m

MAT 9559

(n, α) Levels
293 Kelvin Cross Sections

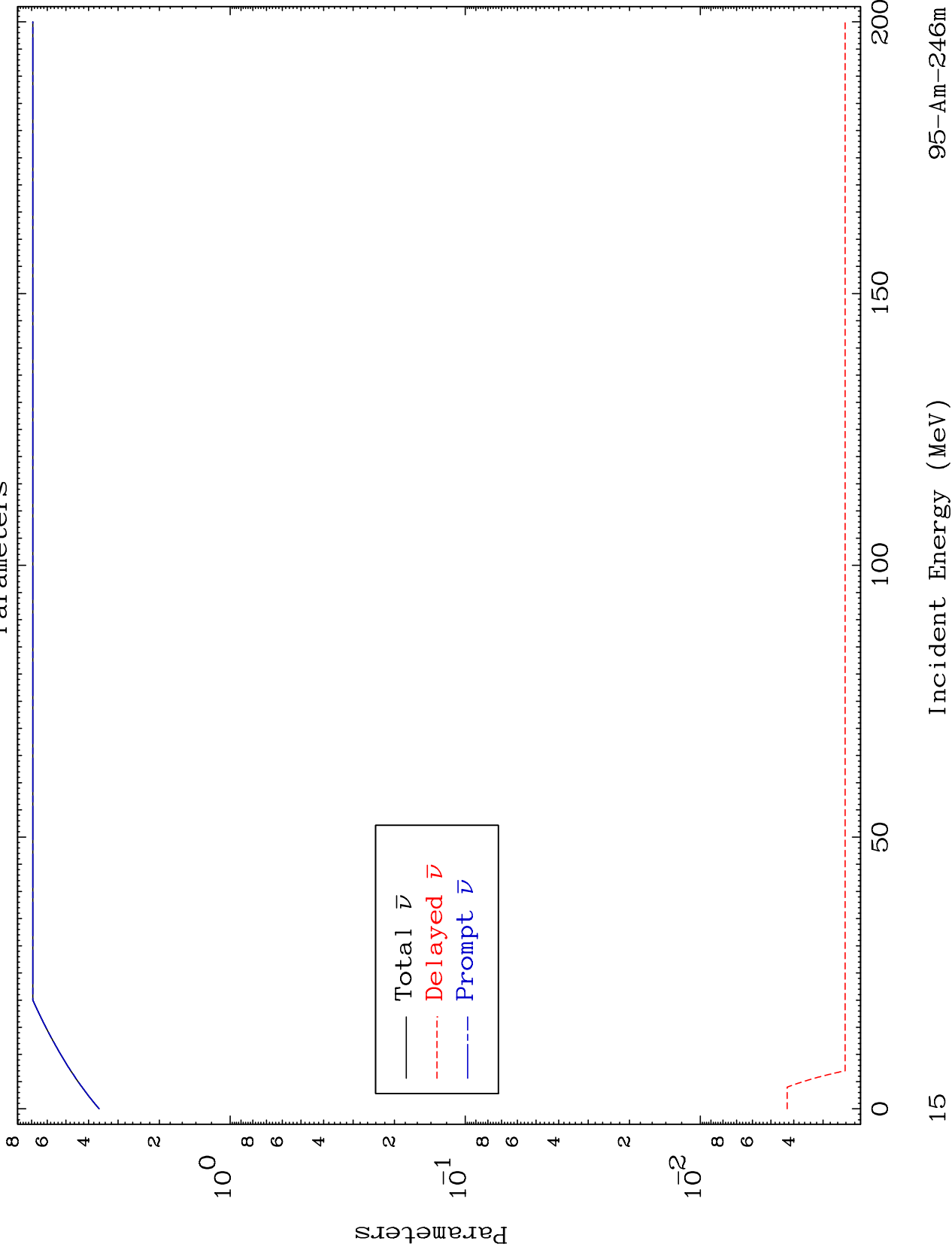
95-Am-246m



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Energy Release
Parameters

95-Am-246m



15

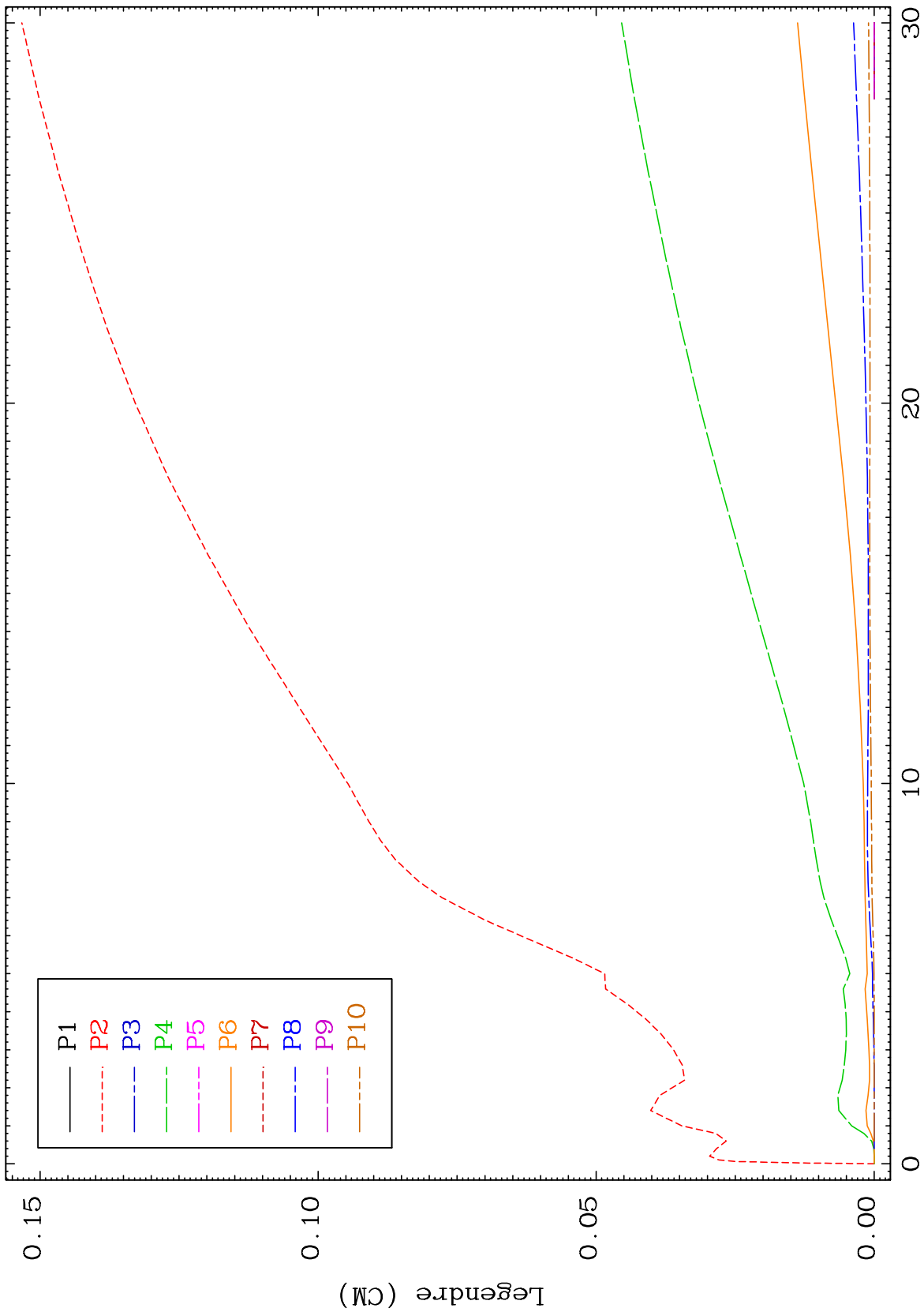
Incident Energy (MeV)

95-Am-246m

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Elastic Legendre Coefficients

95-Am-246m



16

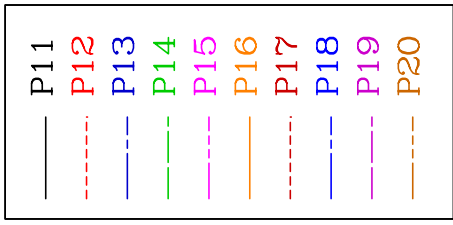
Incident Energy (MeV)

95-Am-246m

MAT 9559

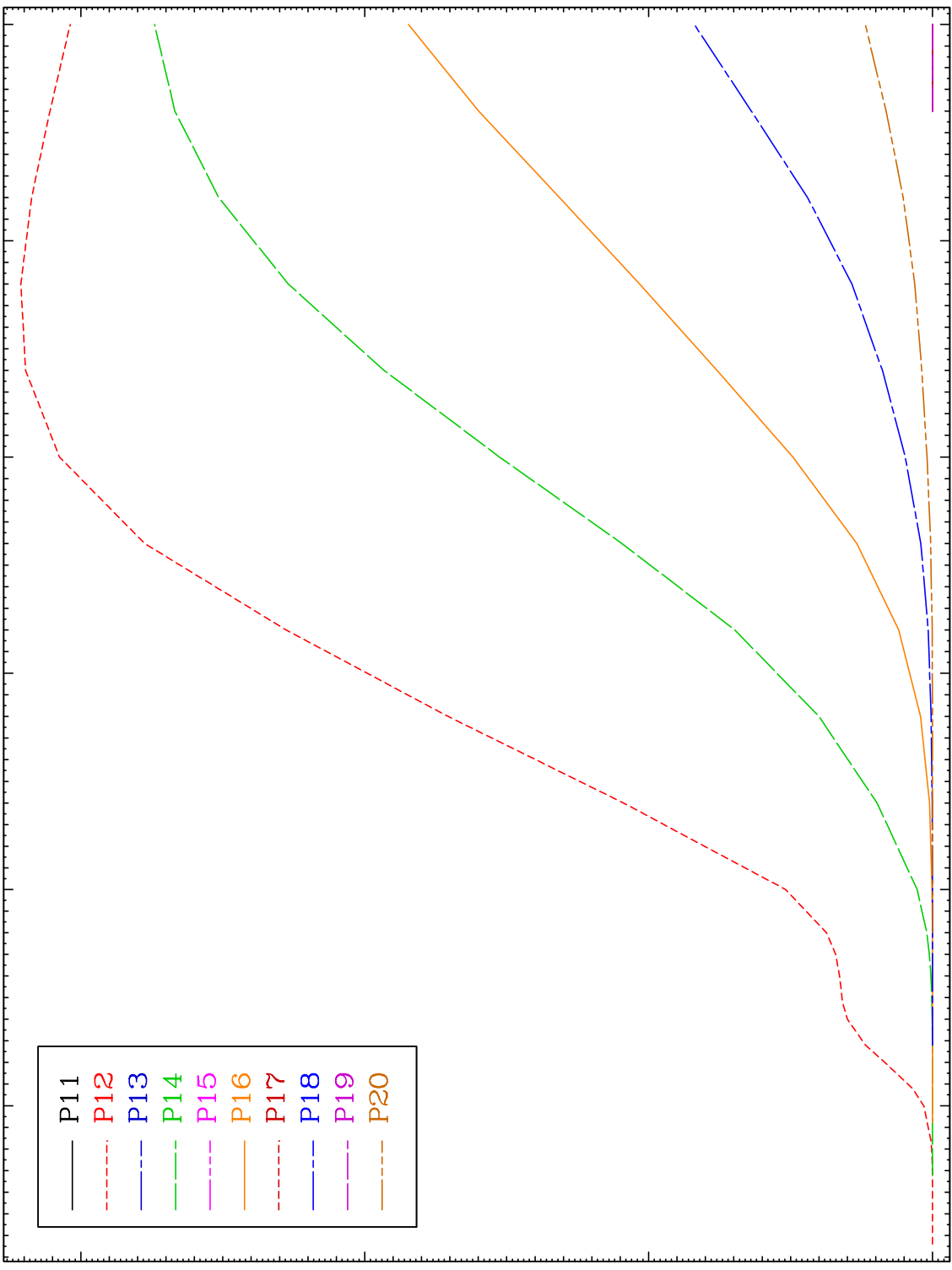
Elastic Legendre Coefficients

95-Am-246m



$\times 10^{-4}$

Legendre (CM)



30

25

20

15

10

5

0

5

10

15

20

25

30

17

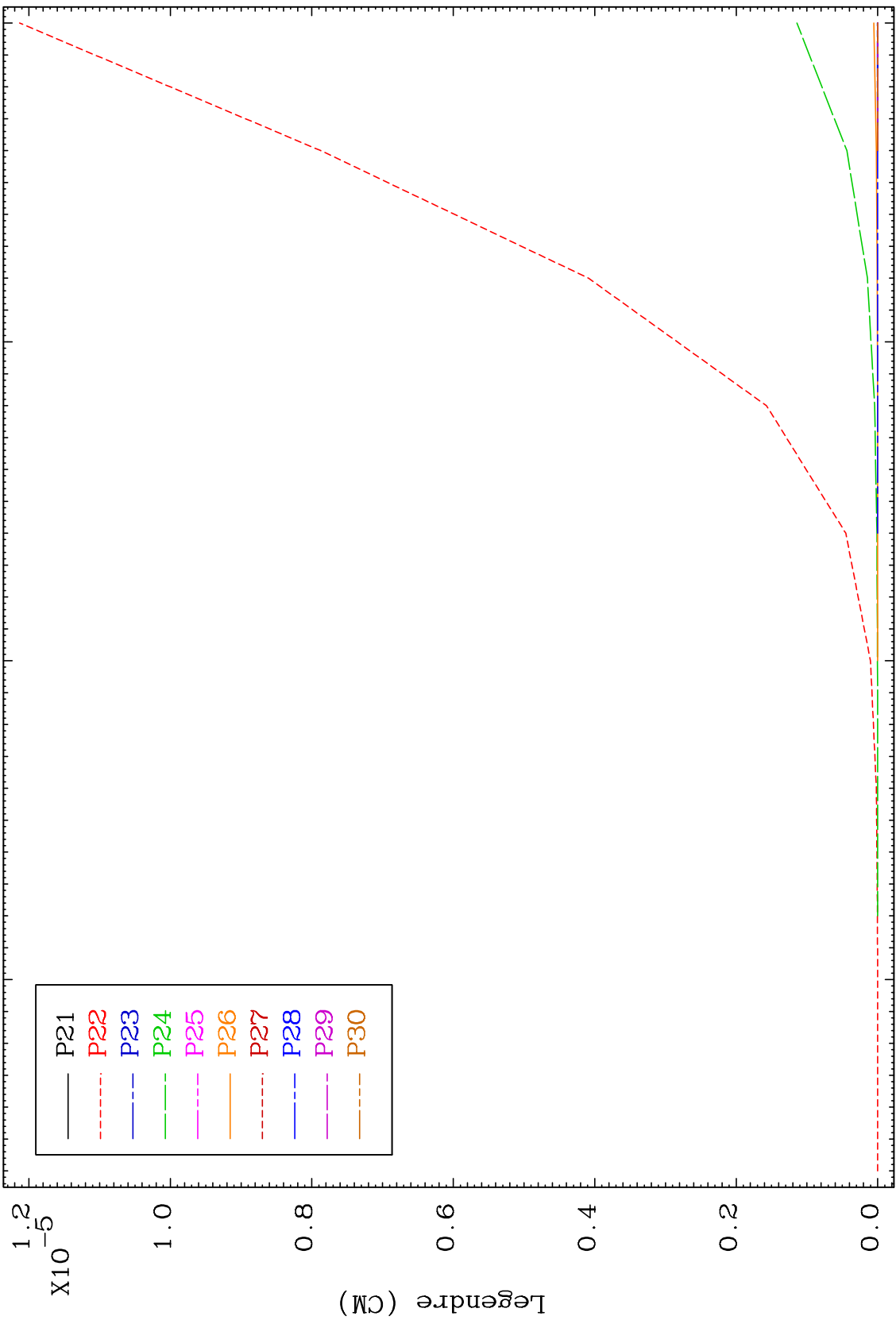
Incident Energy (MeV)

95-Am-246m

MAT 9559

Elastic
Legendre Coefficients

95-Am-246m



18

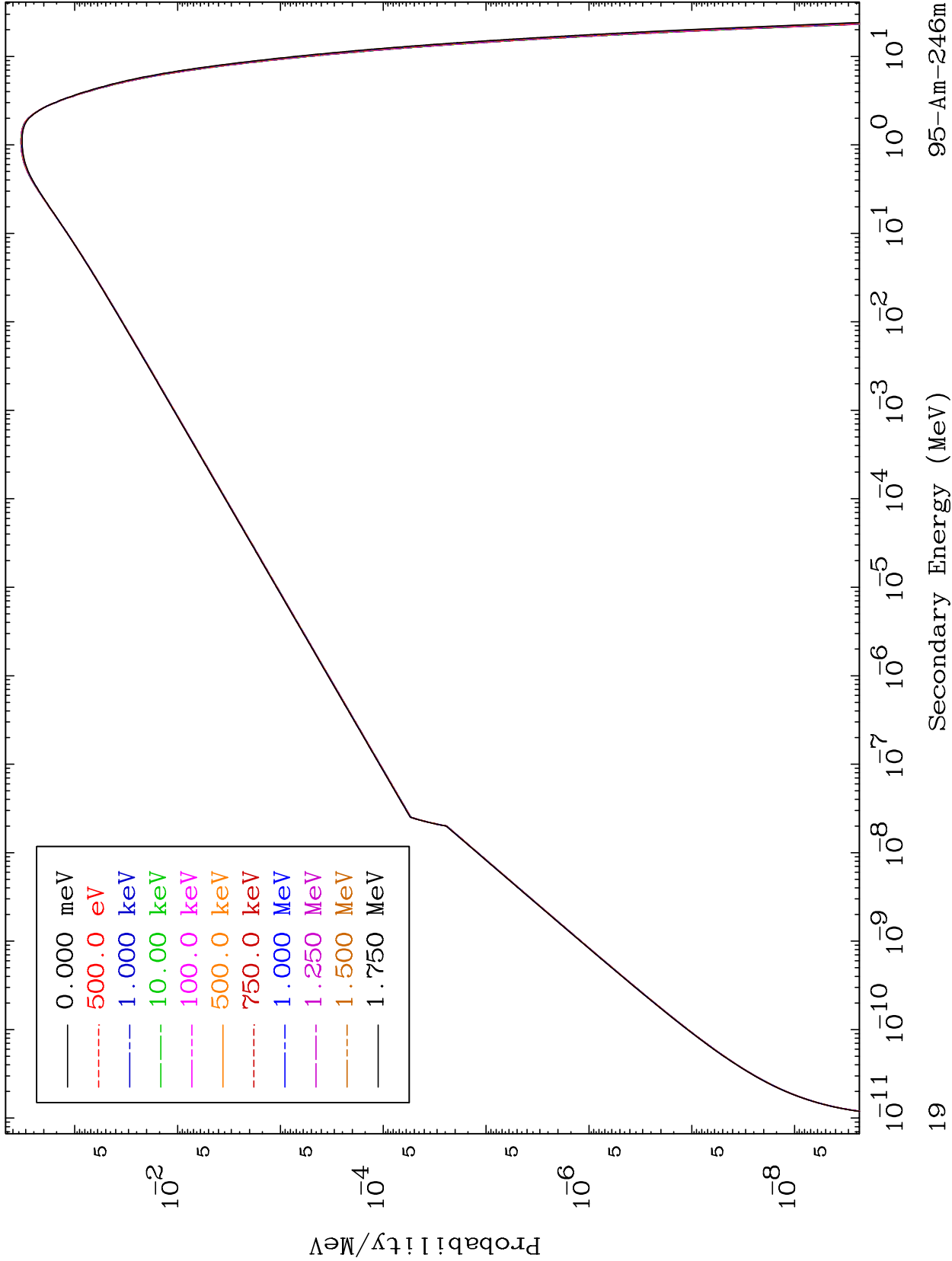
Incident Energy (MeV)

95-Am-246m

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Fission Energy Distributions

95-Am-246m



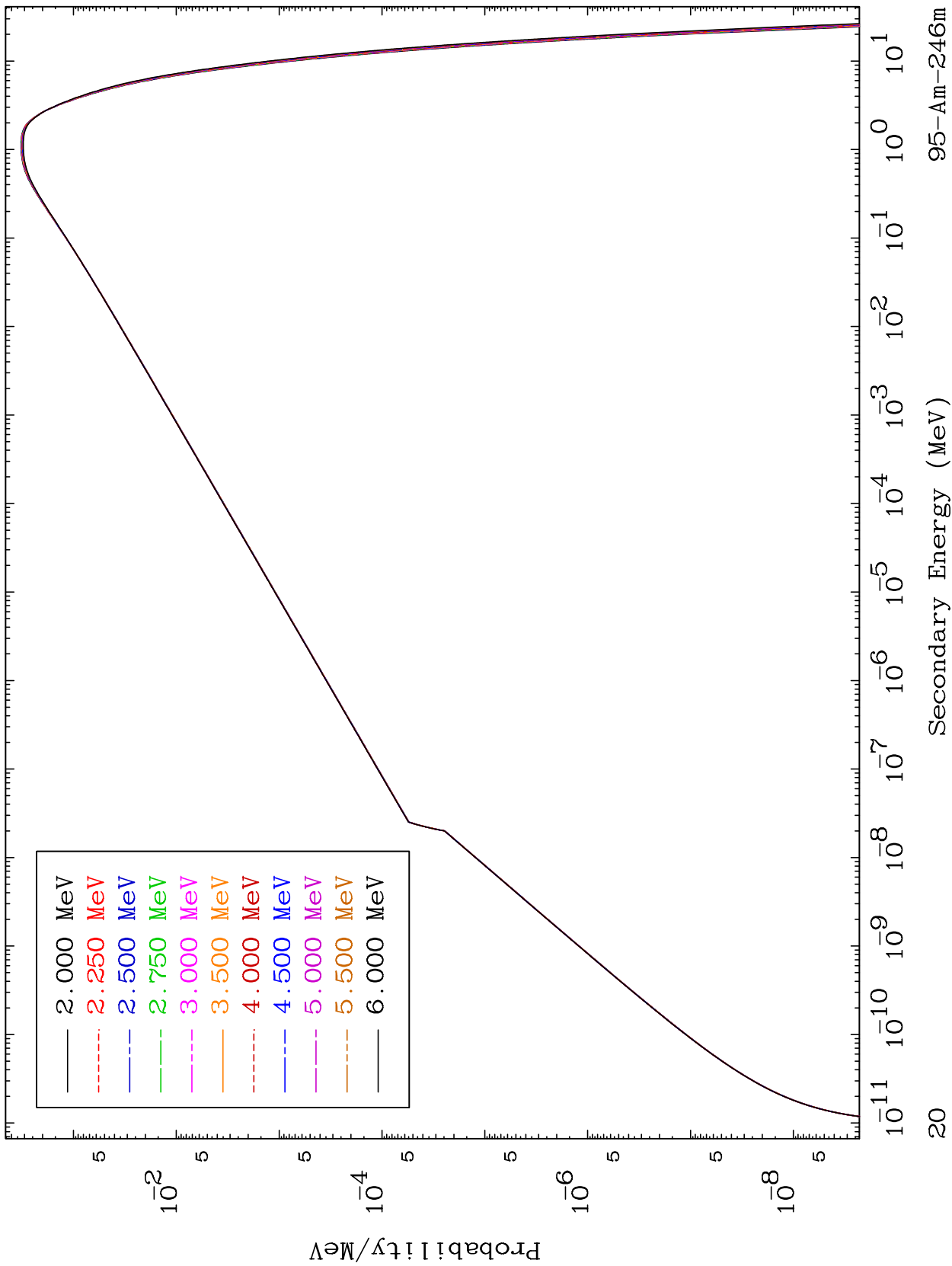
95-Am-246m

Secondary Energy (MeV)

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Fission Energy Distributions

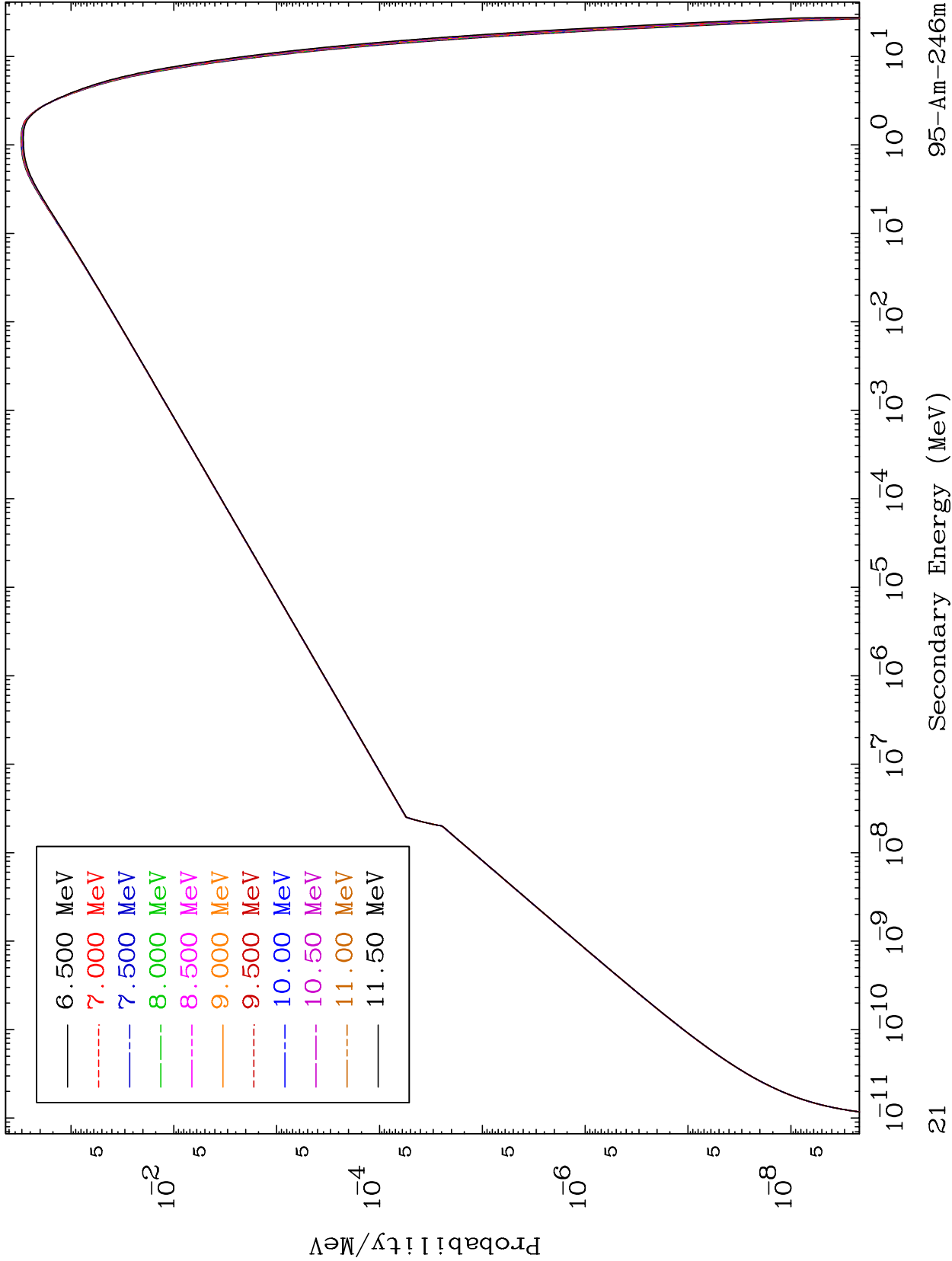
95-Am-246m



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Fission Energy Distributions

95-Am-246m



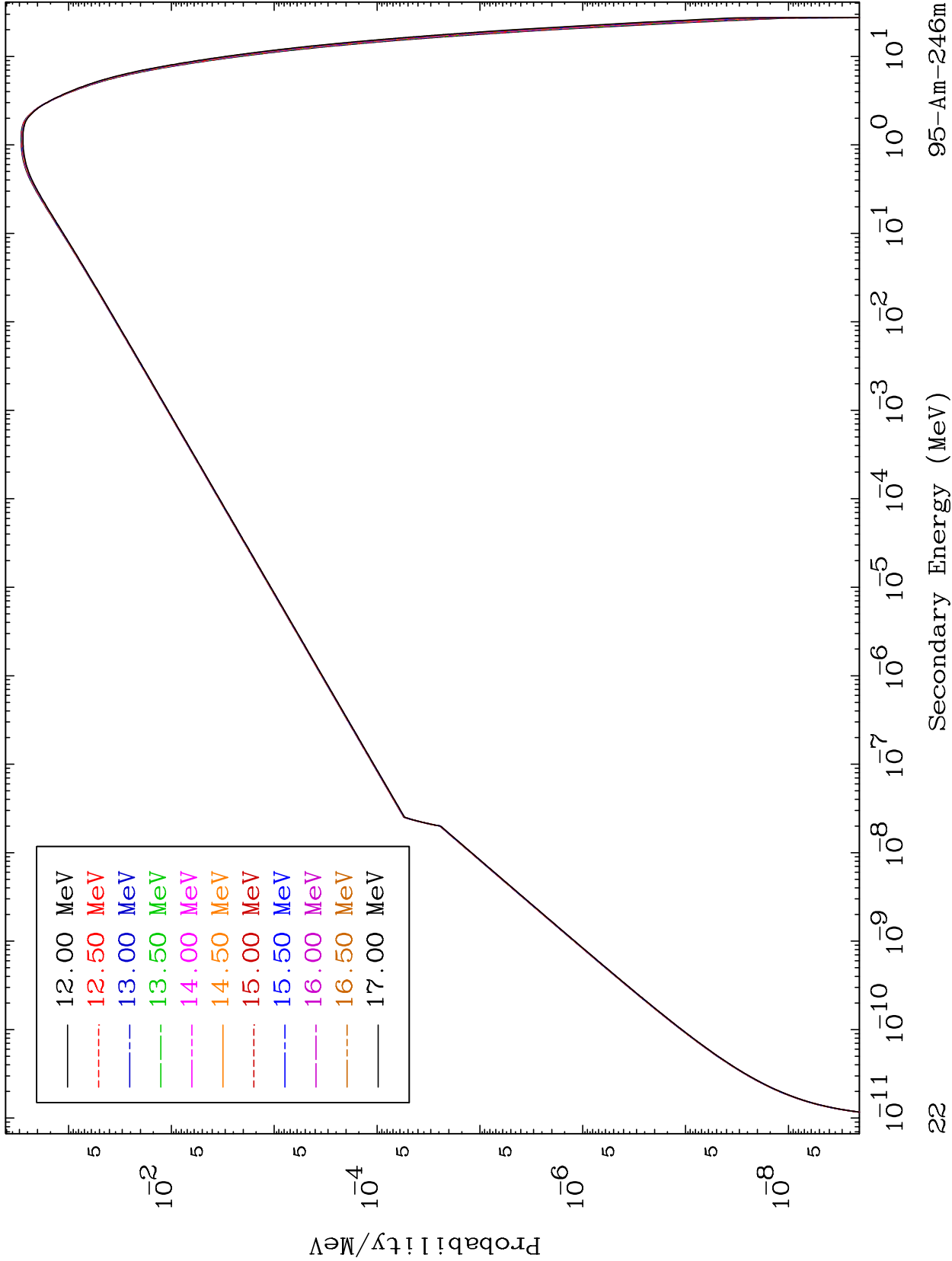
95-Am-246m

Secondary Energy (MeV)

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Fission Energy Distributions

95-Am-246m



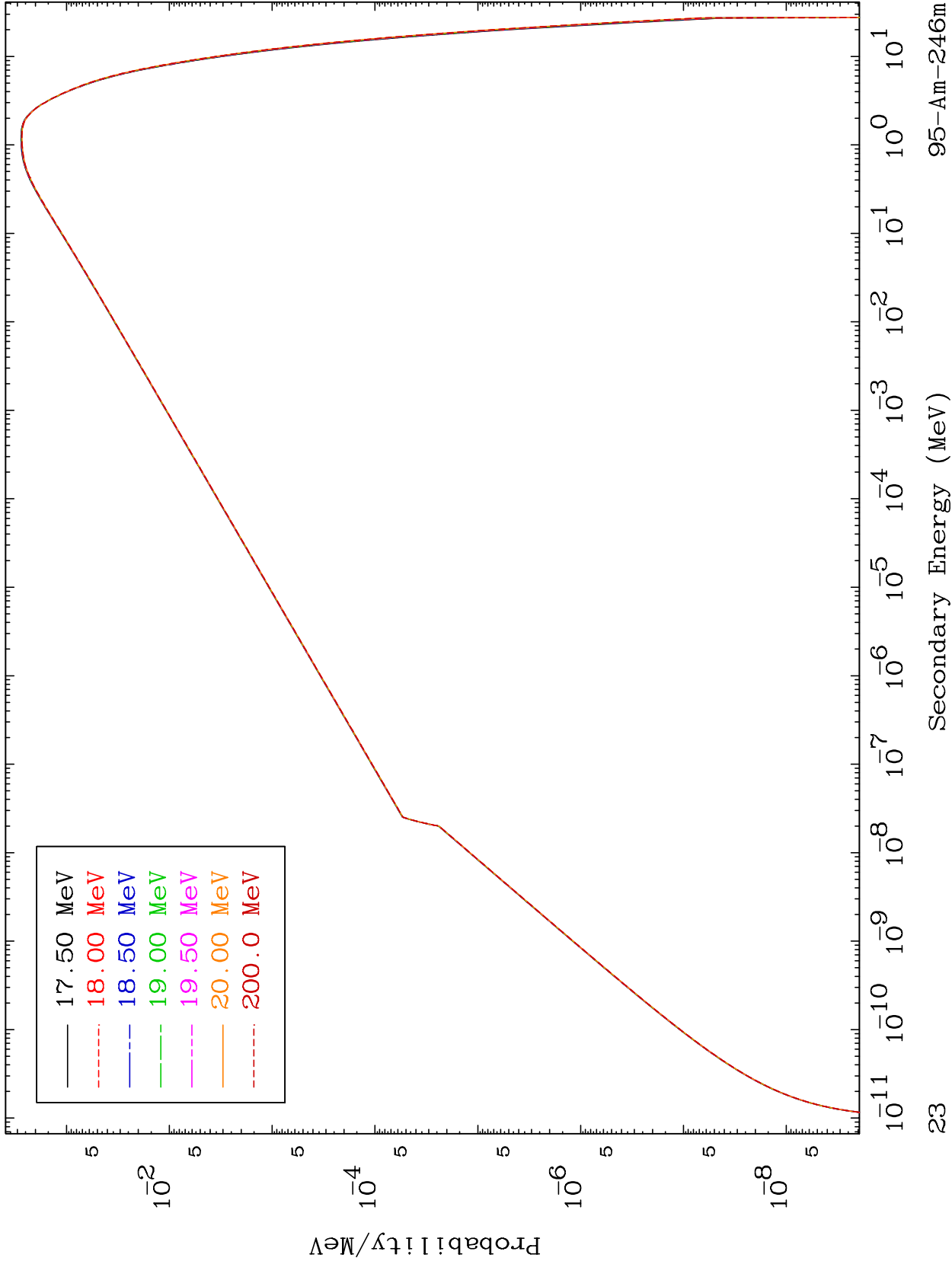
95-Am-246m

Secondary Energy (MeV)

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Fission Energy Distributions

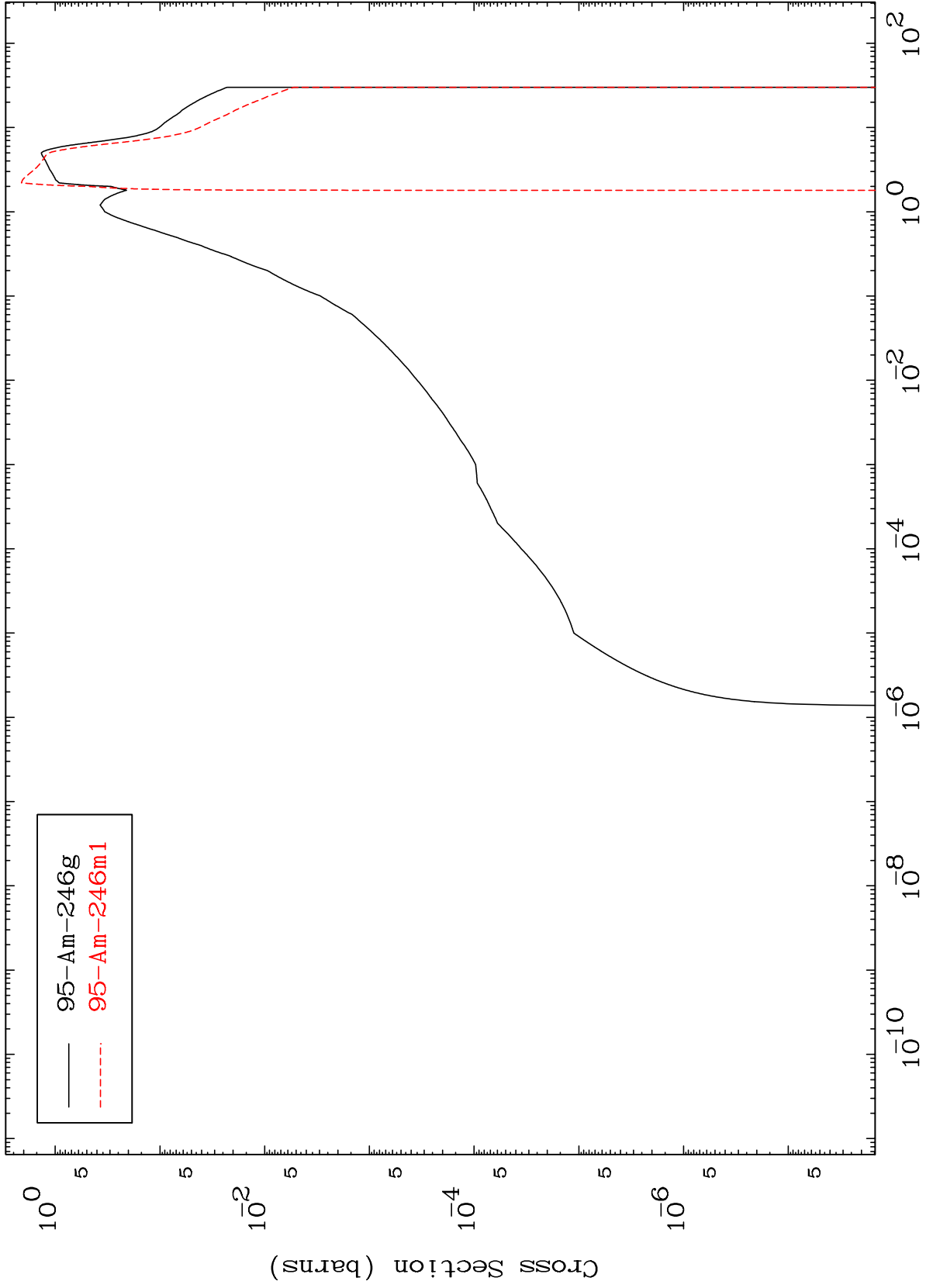
95-Am-246m



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95-Am-246m

Inelastic
Radionuclide Production Cross Section



95-Am-246m

Incident Energy (MeV)

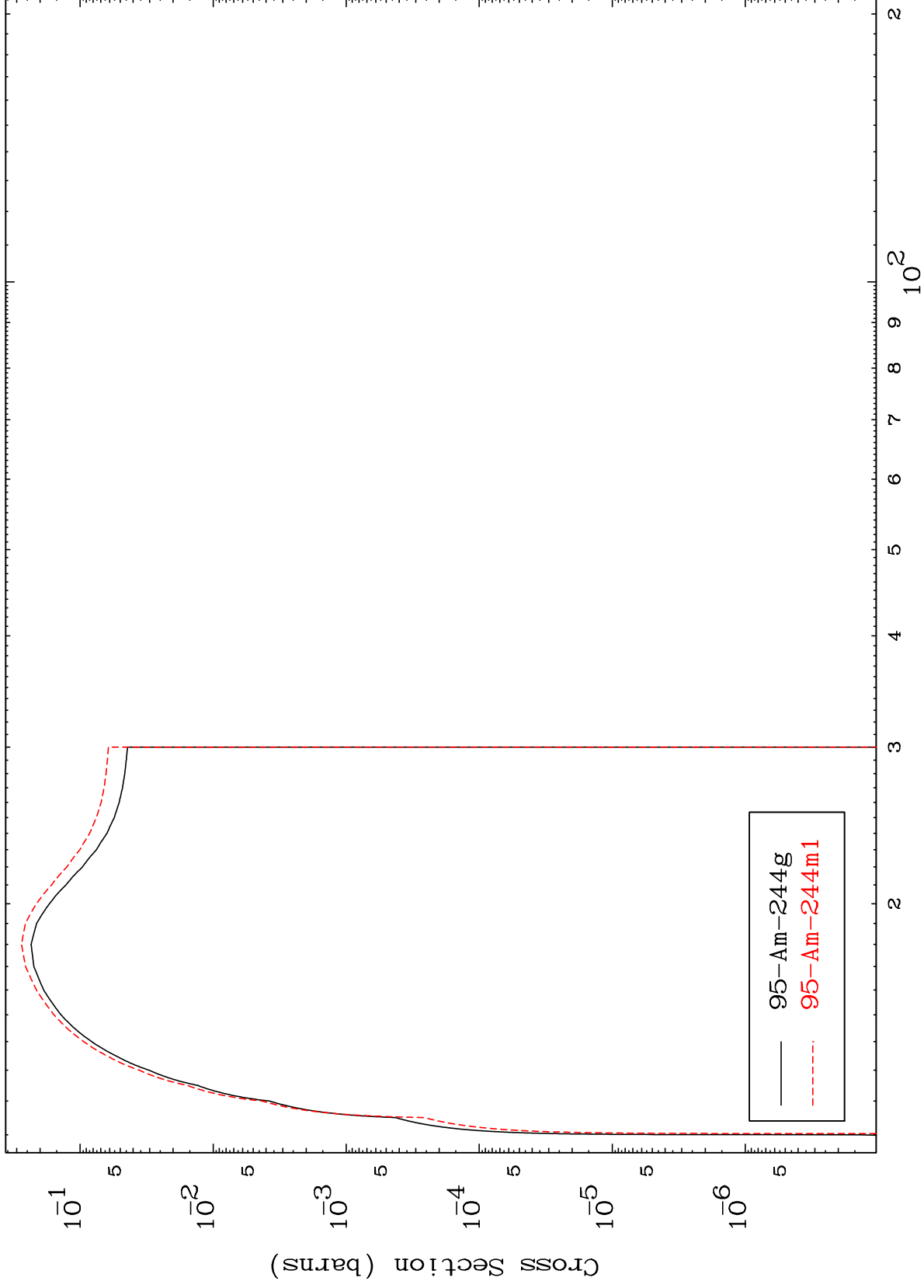
24

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(n,3n)

95-Am-246m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

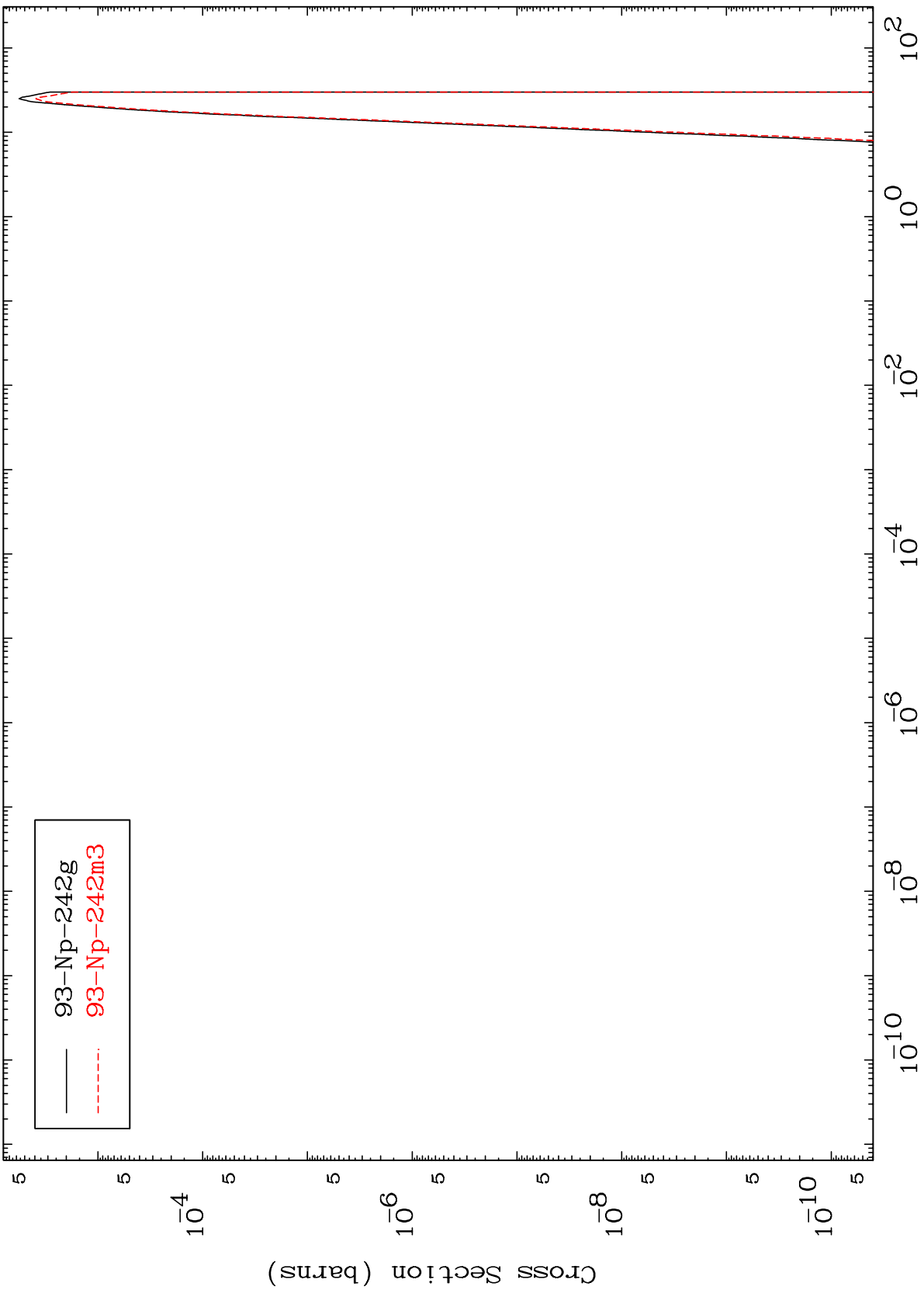
95-Am-246m

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(n,n') α

95-Am-246m

Radionuclide Production Cross Section

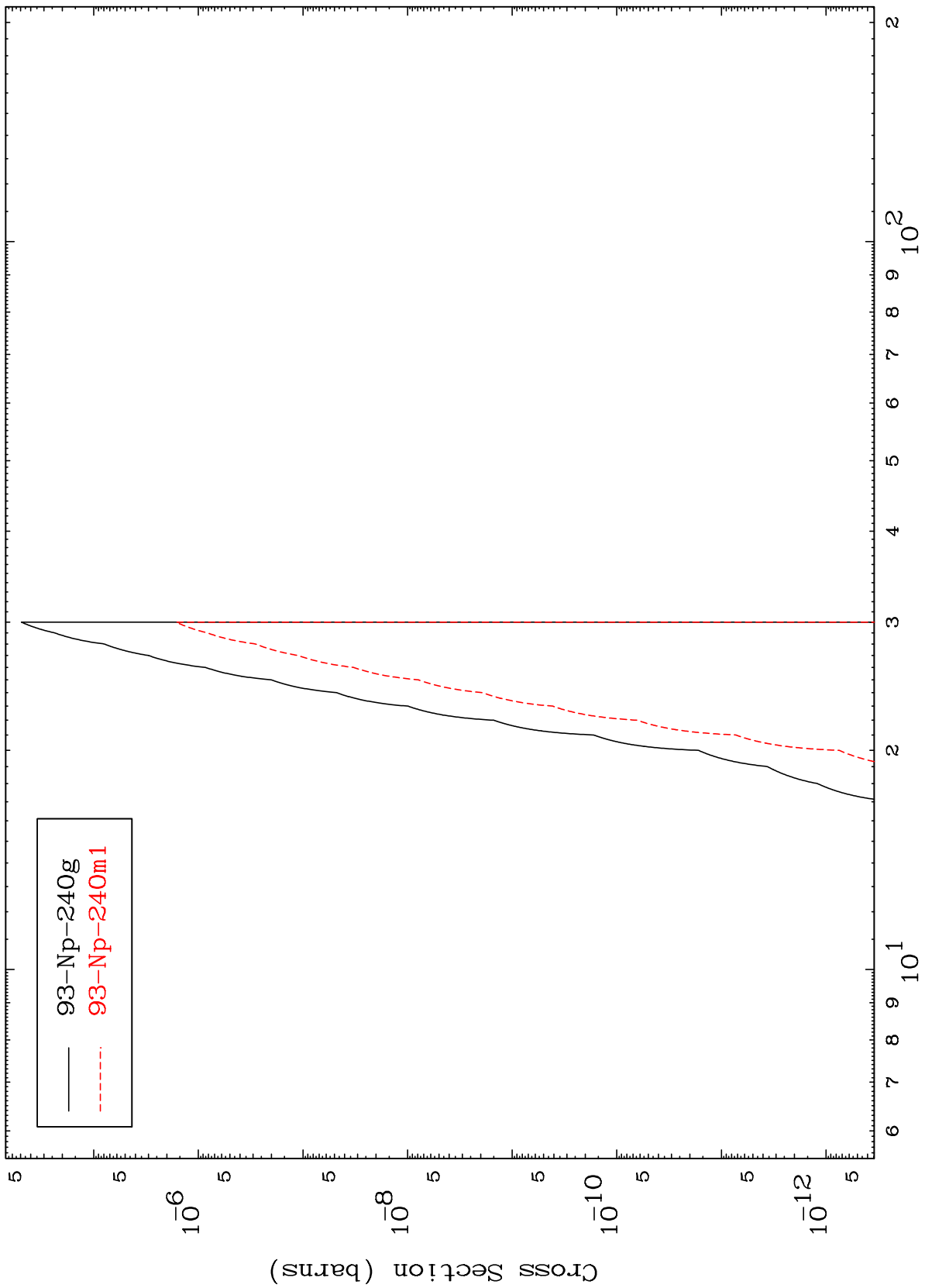


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(n,3n) α

95-Am-246m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

95-Am-246m