

Program EVALPLOT
(Version 2021-1)

by

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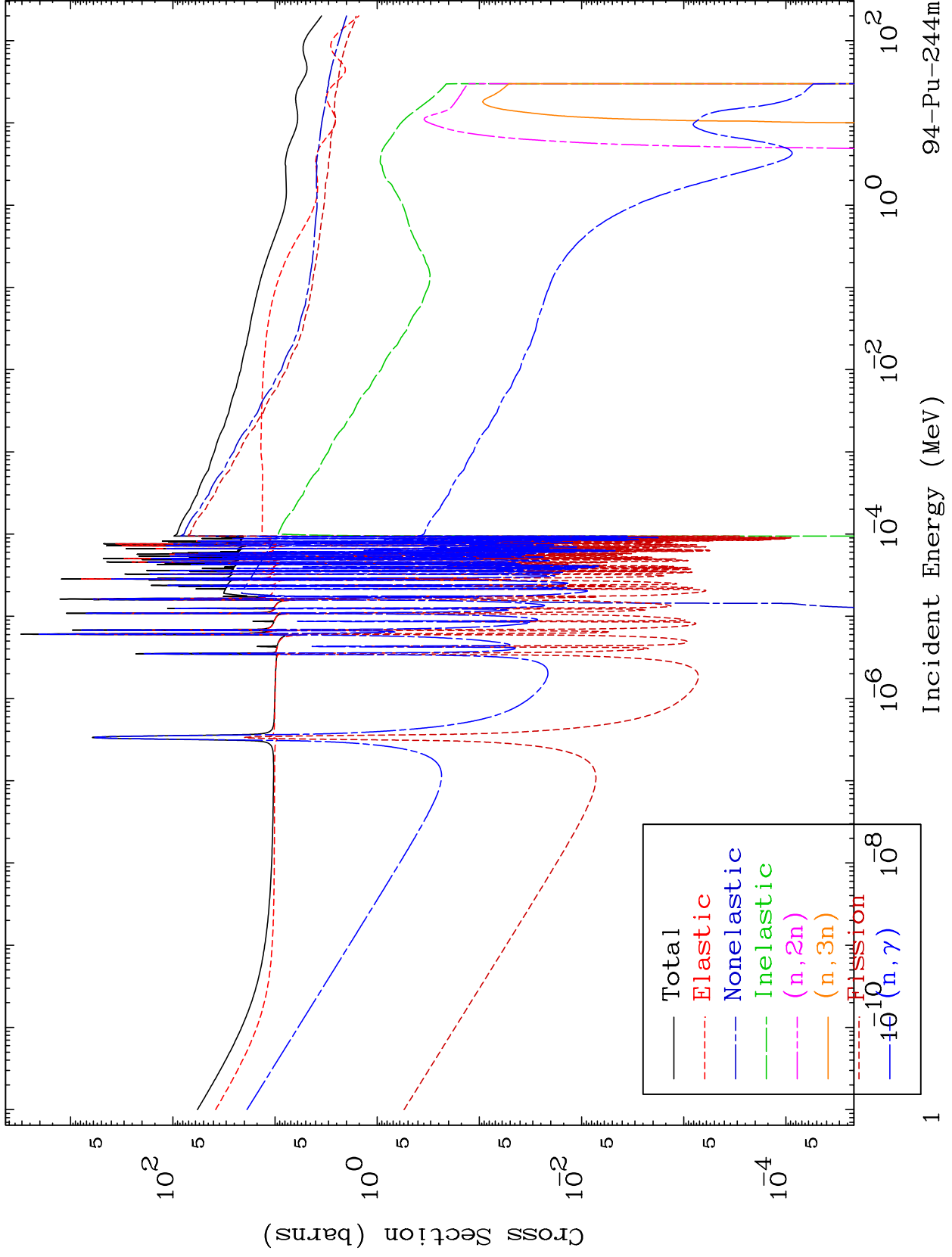
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9453

Neutron Major
293 Kelvin Cross Sections

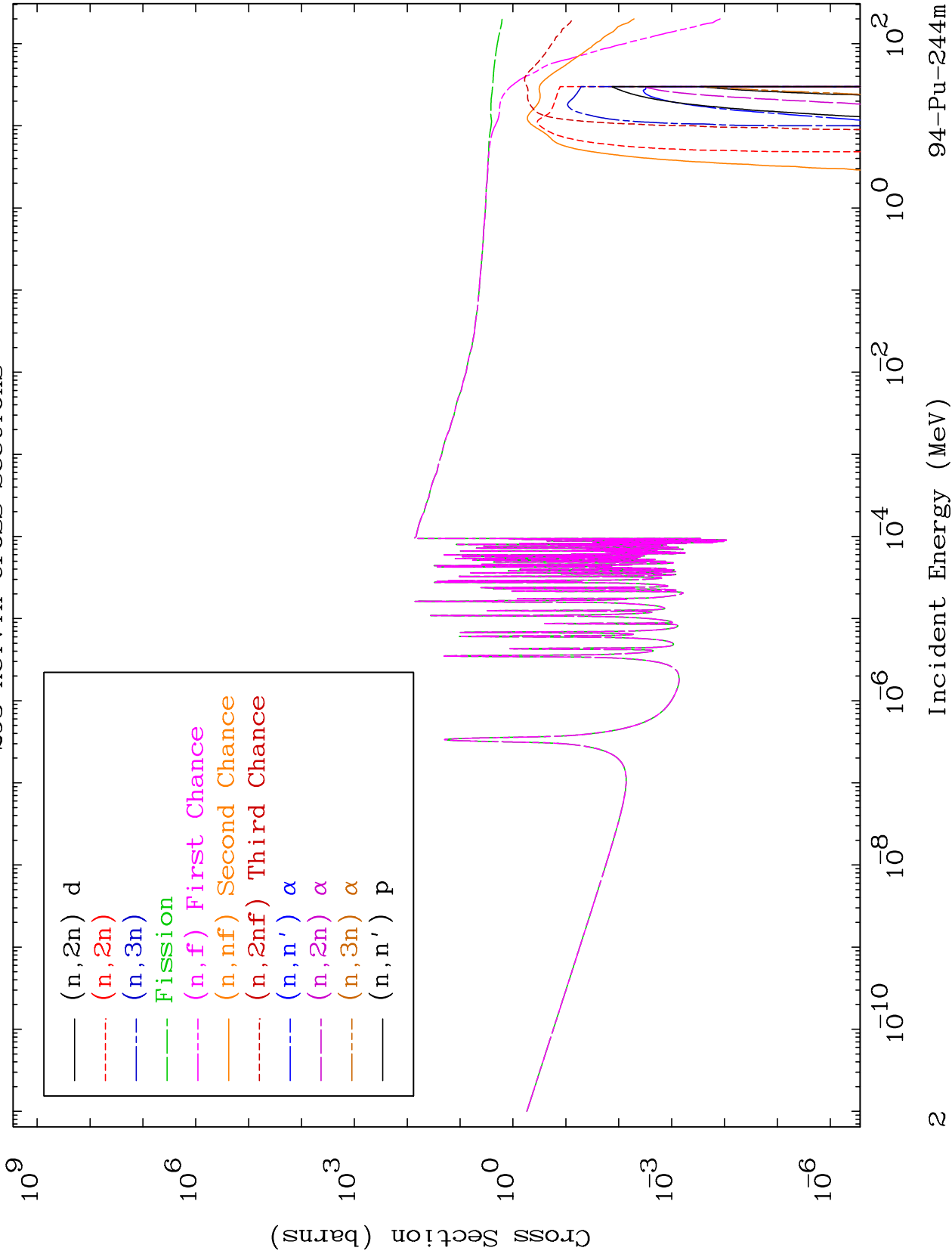
94-Pu-244m



MAT 9453

Neutron Absorption
293 Kelvin Cross Sections

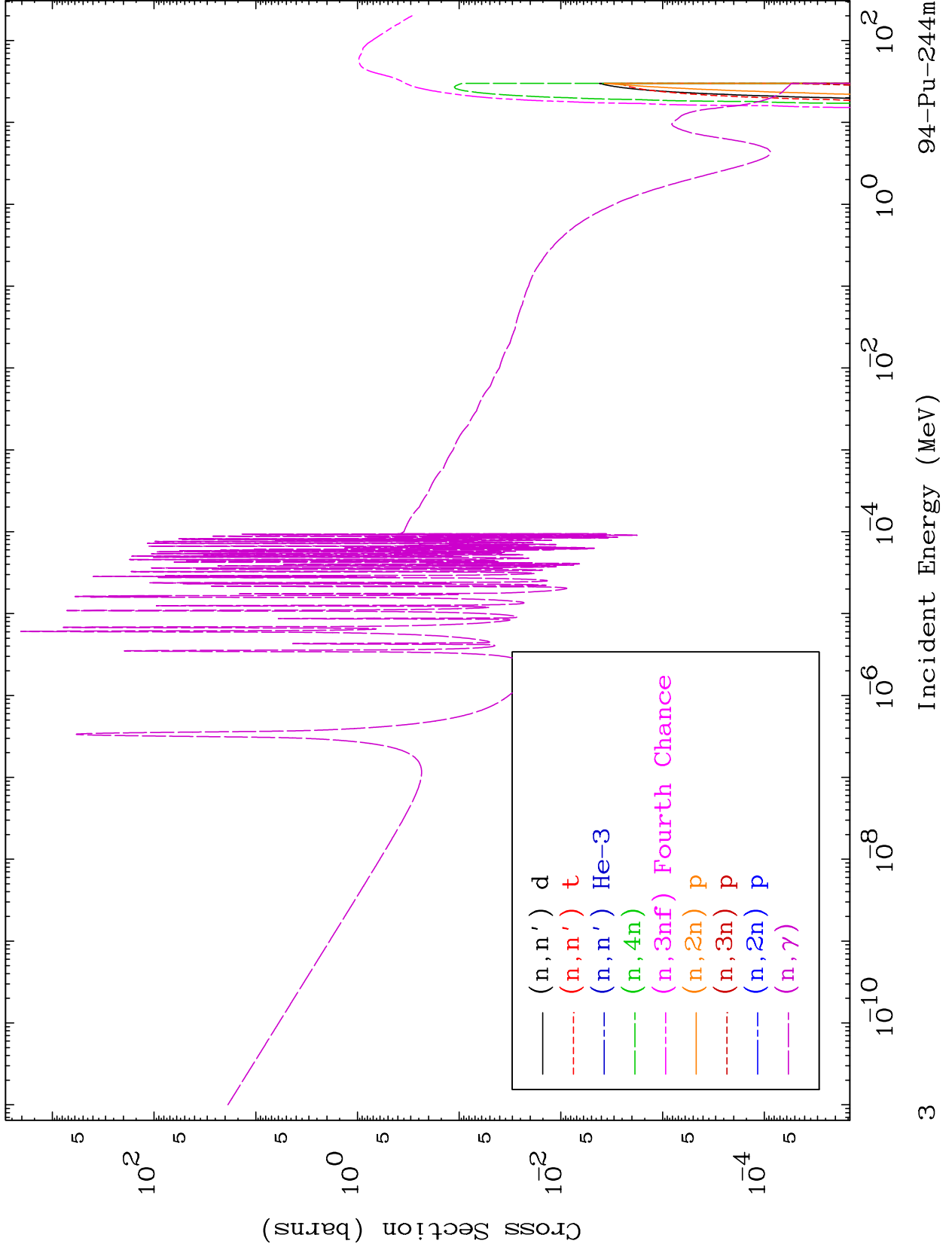
94-Pu-244m



MAT 9453

Neutron Absorption
293 Kelvin Cross Sections

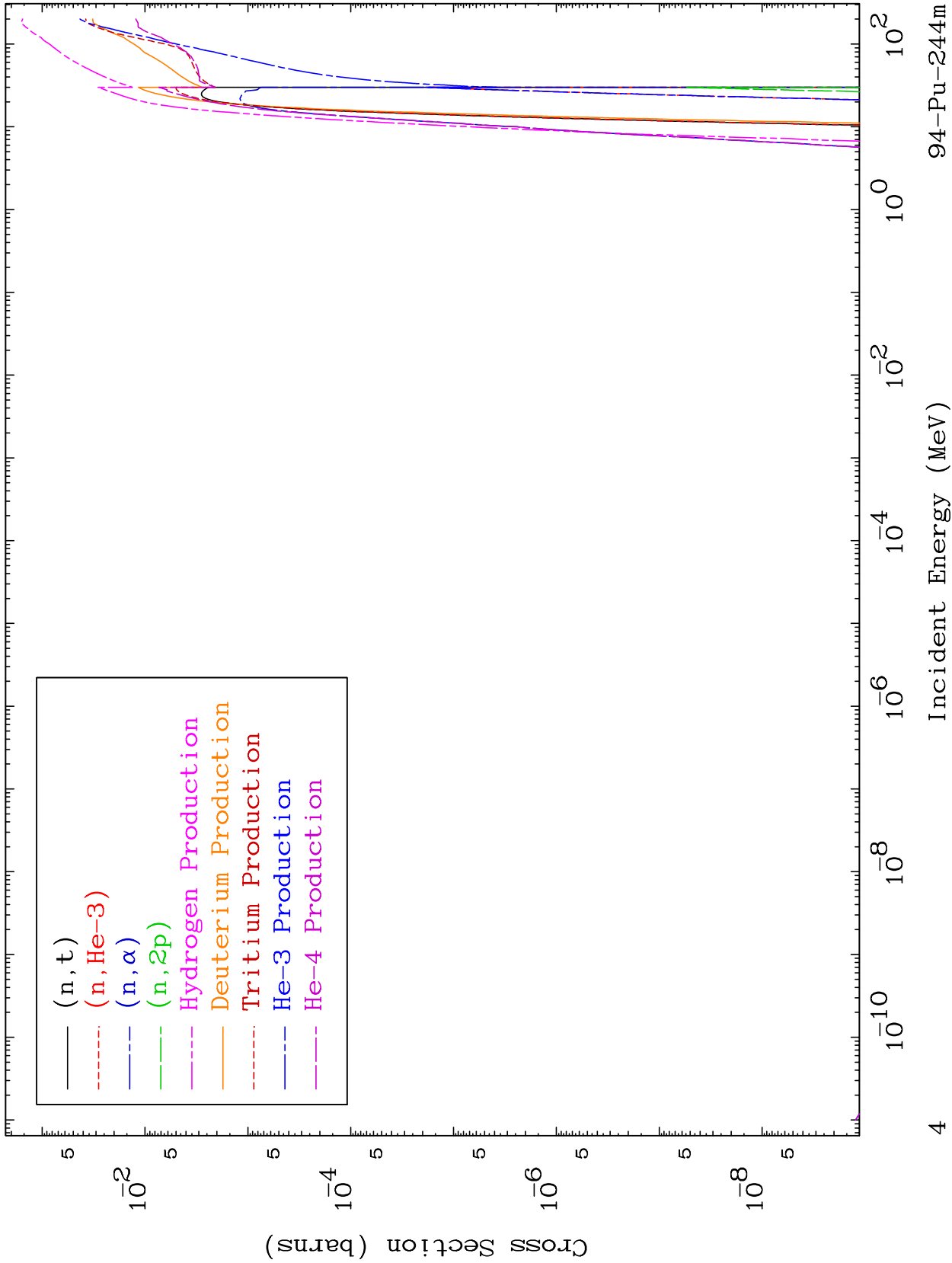
94-Pu-244m



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Neutron Absorption
293 Kelvin Cross Sections

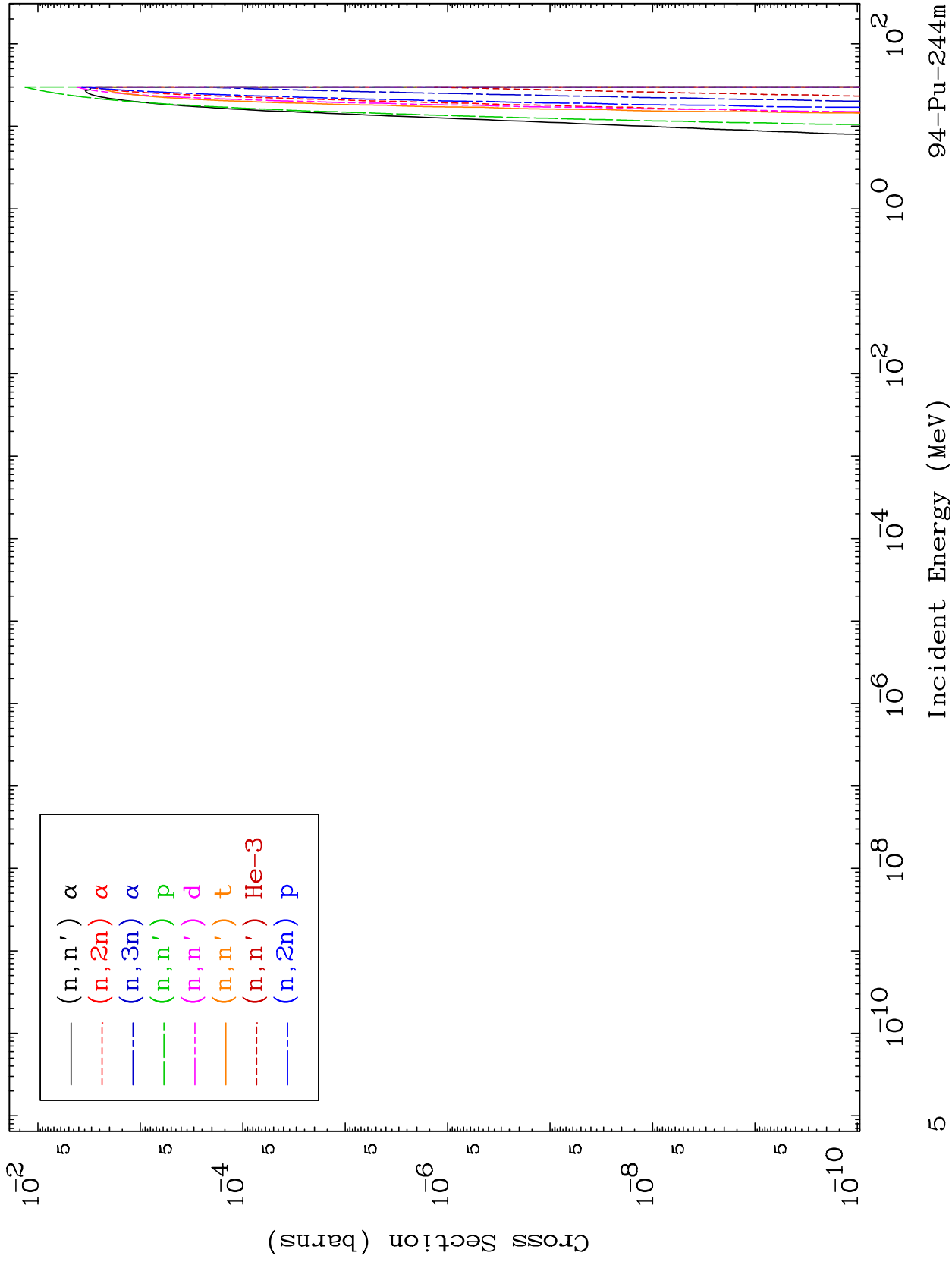
94-Pu-244m



MAT 9453

Charged Particle
293 Kelvin Cross Sections

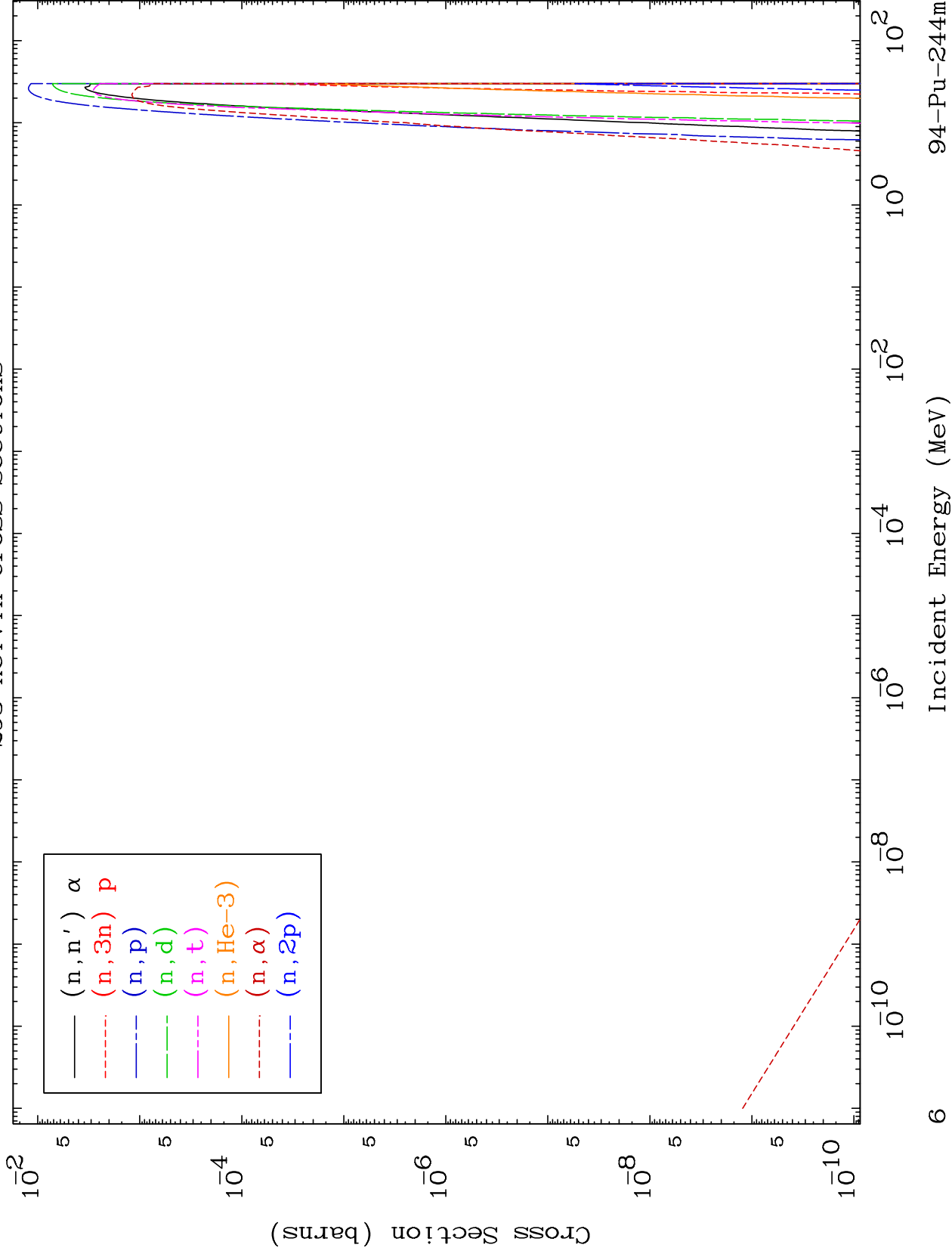
94-Pu-244m



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Charged Particle
293 Kelvin Cross Sections

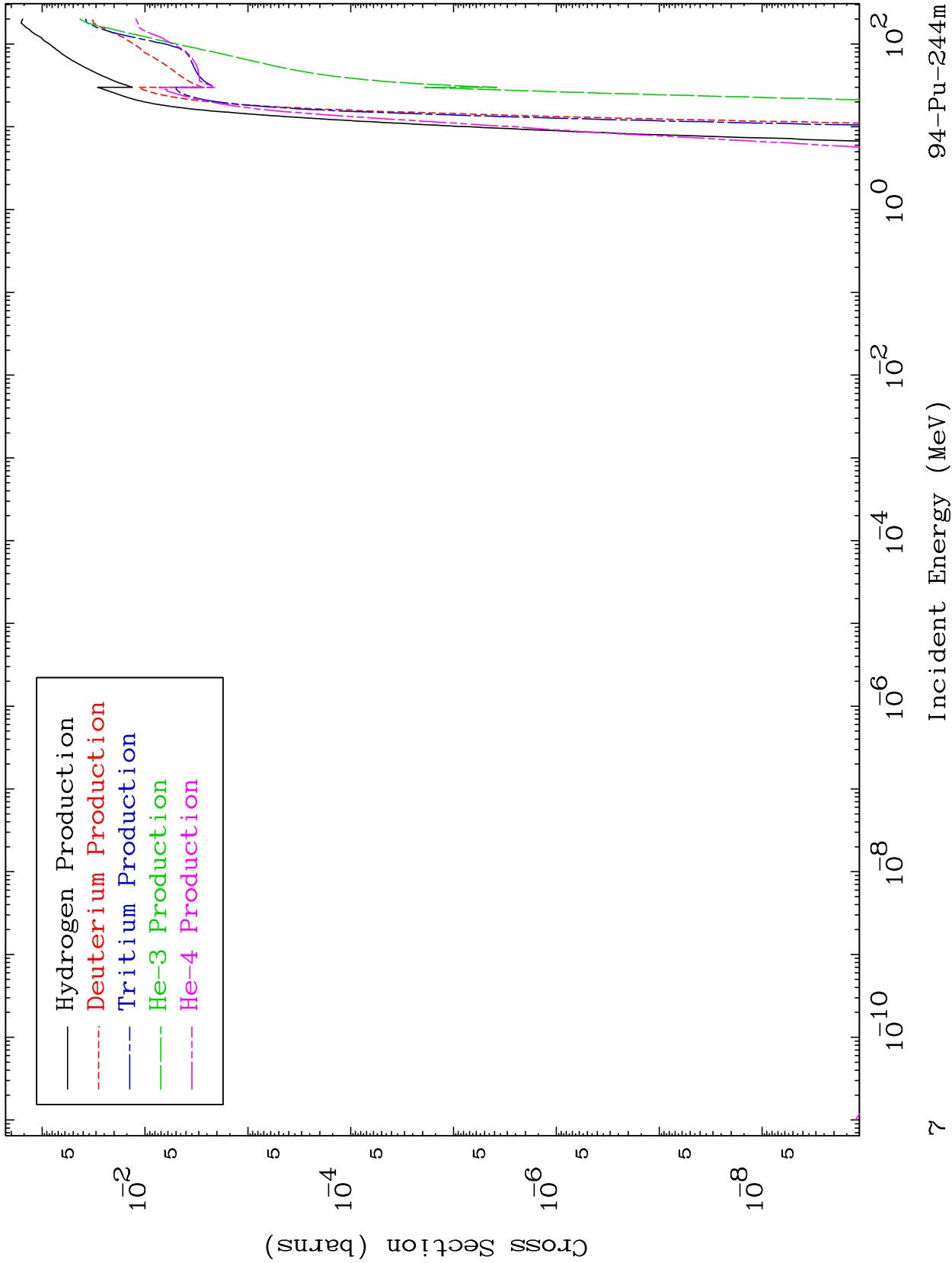
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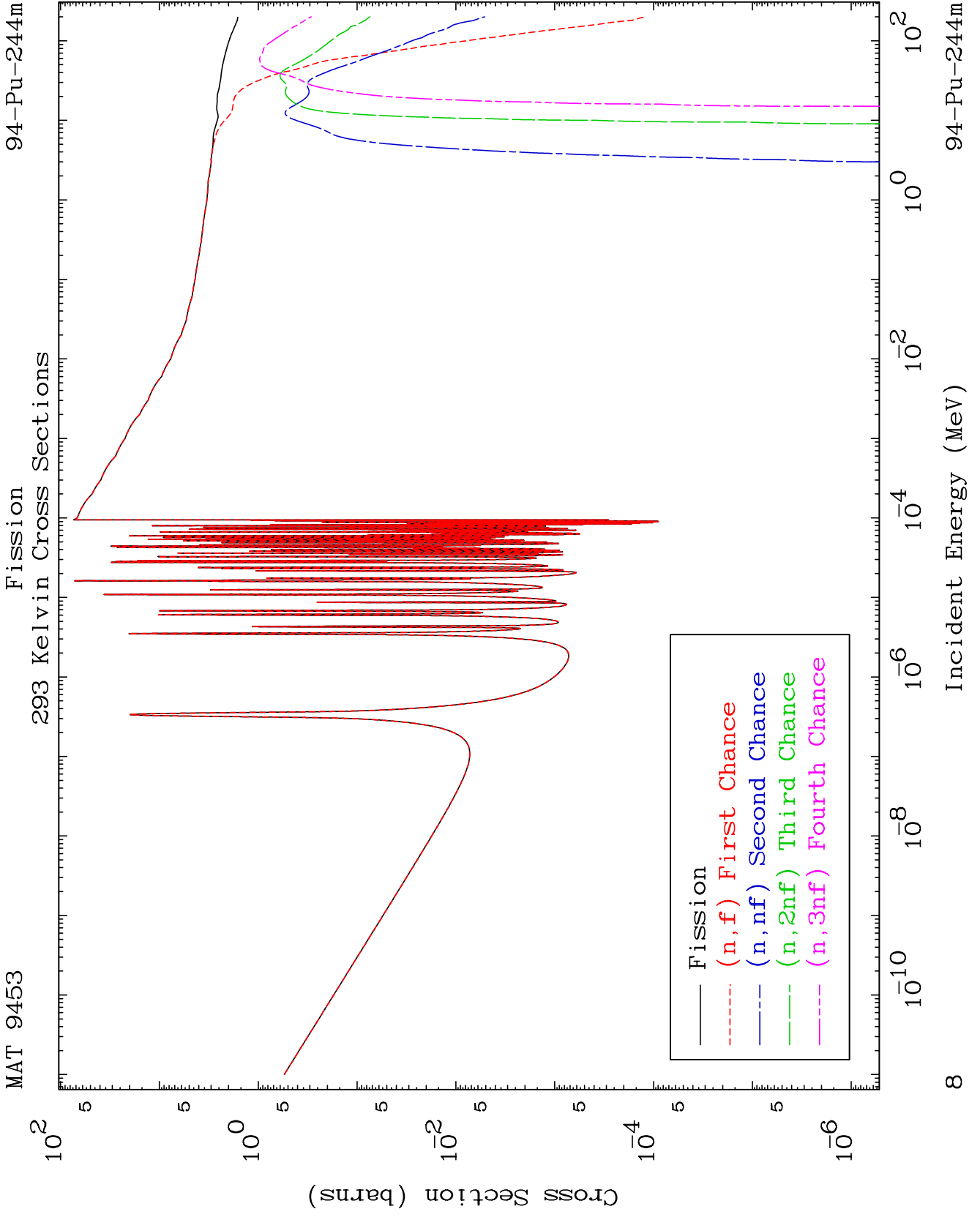


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Particle Production
293 Kelvin Cross Sections

94-Pu-244m

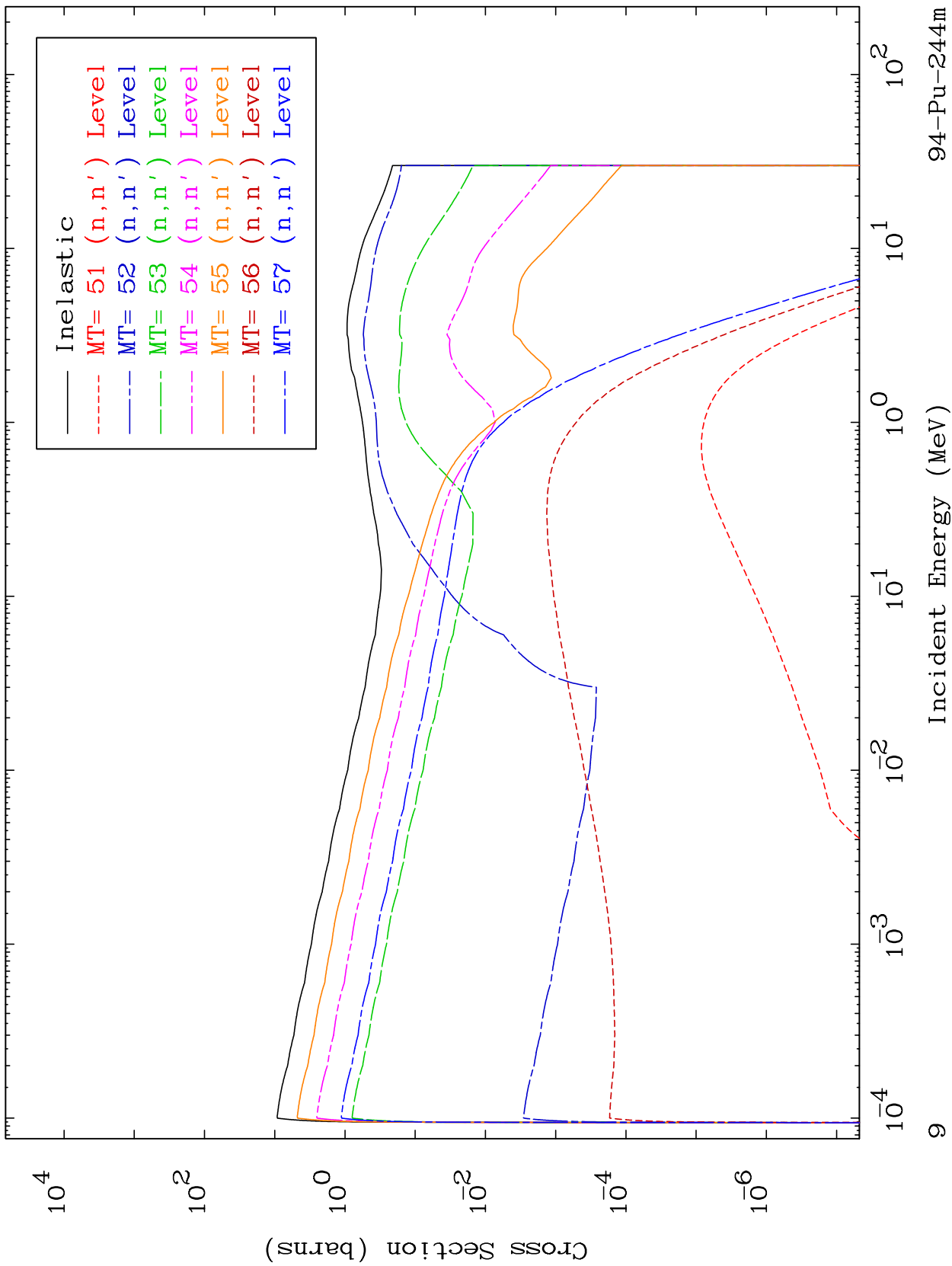




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(n,n') Levels
293 Kelvin Cross Sections

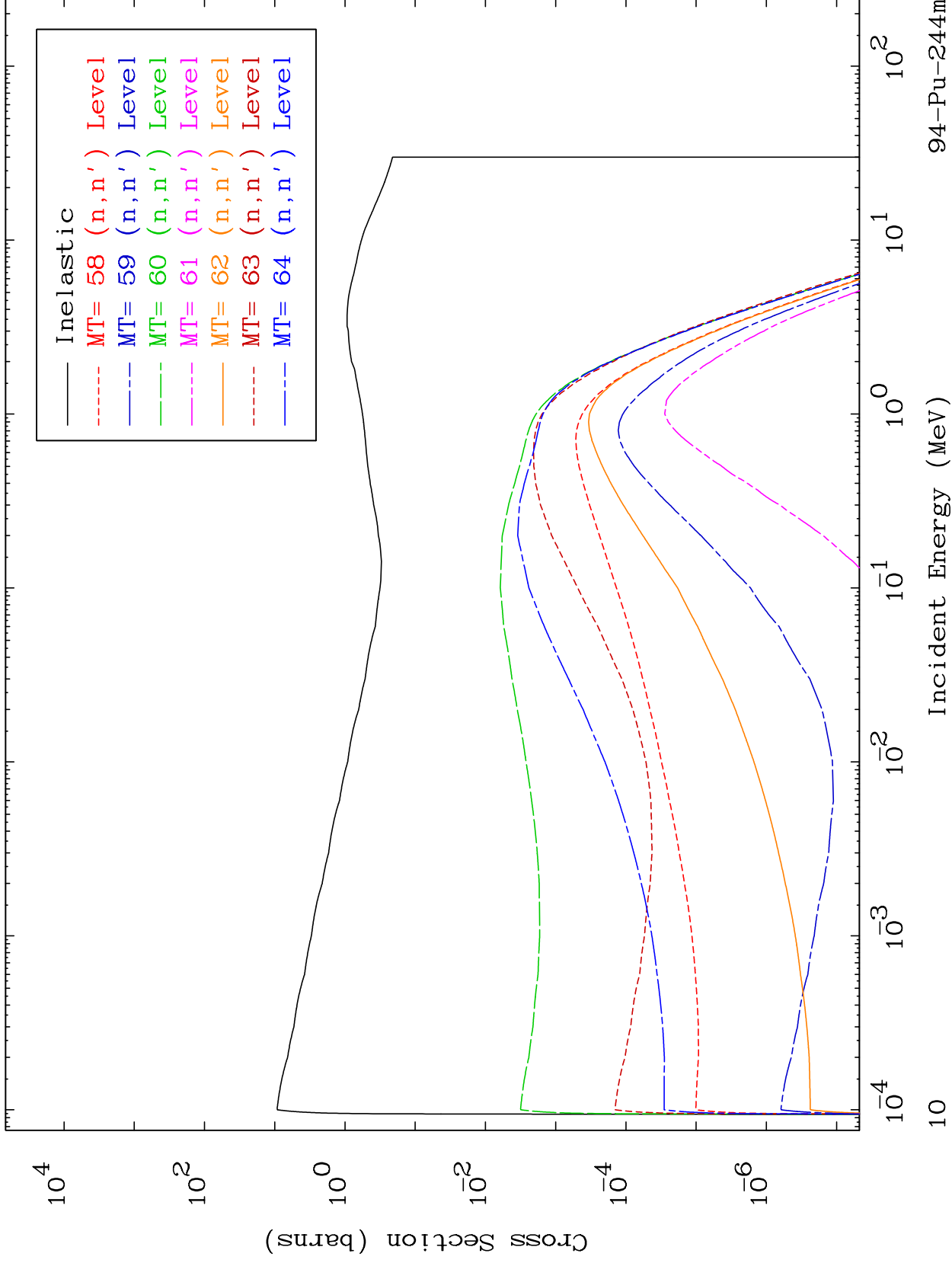
94-Pu-244m



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(n,n') Levels
293 Kelvin Cross Sections

94-Pu-244m

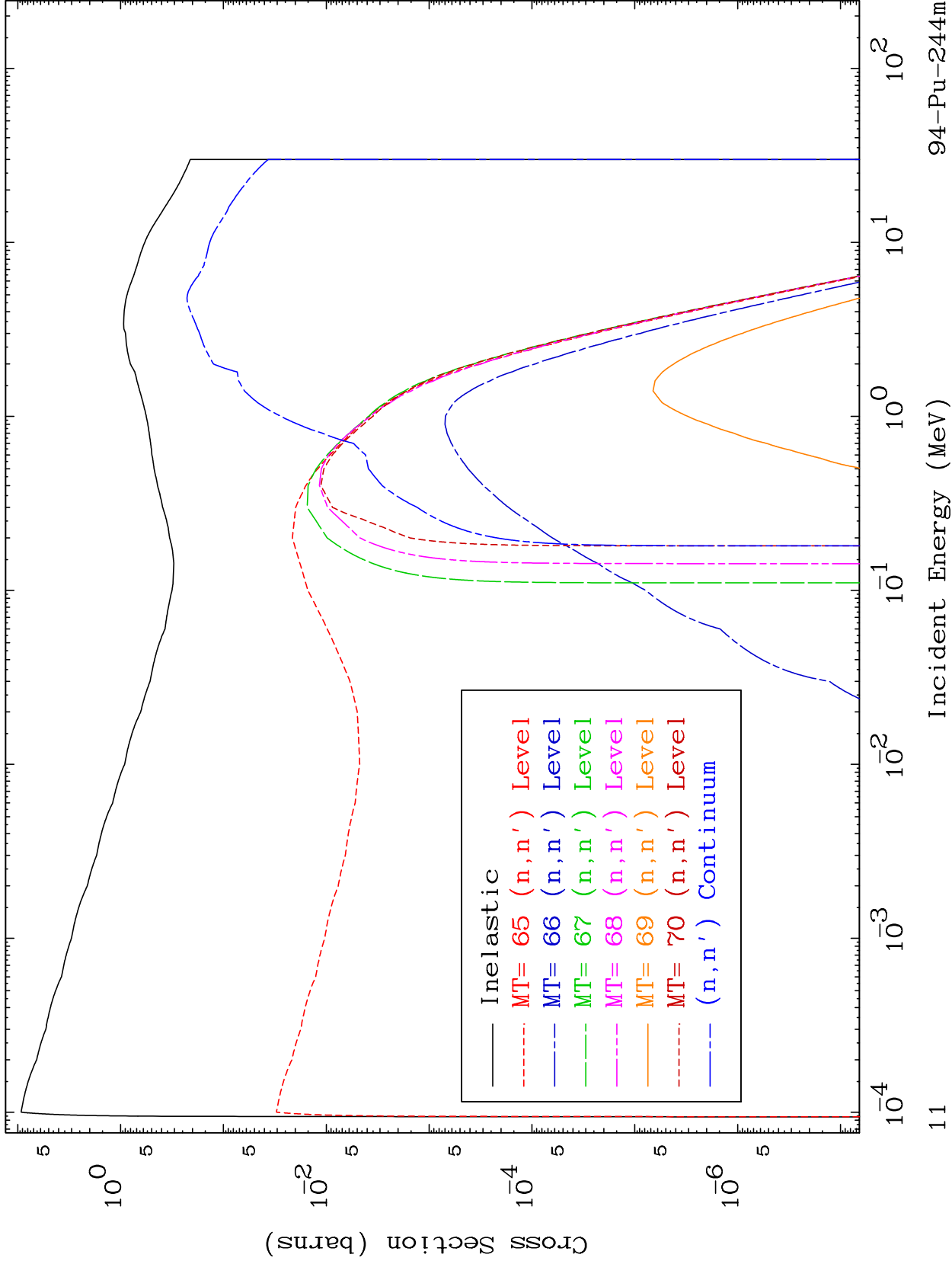


94-Pu-244m

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(n,n') Levels
293 Kelvin Cross Sections

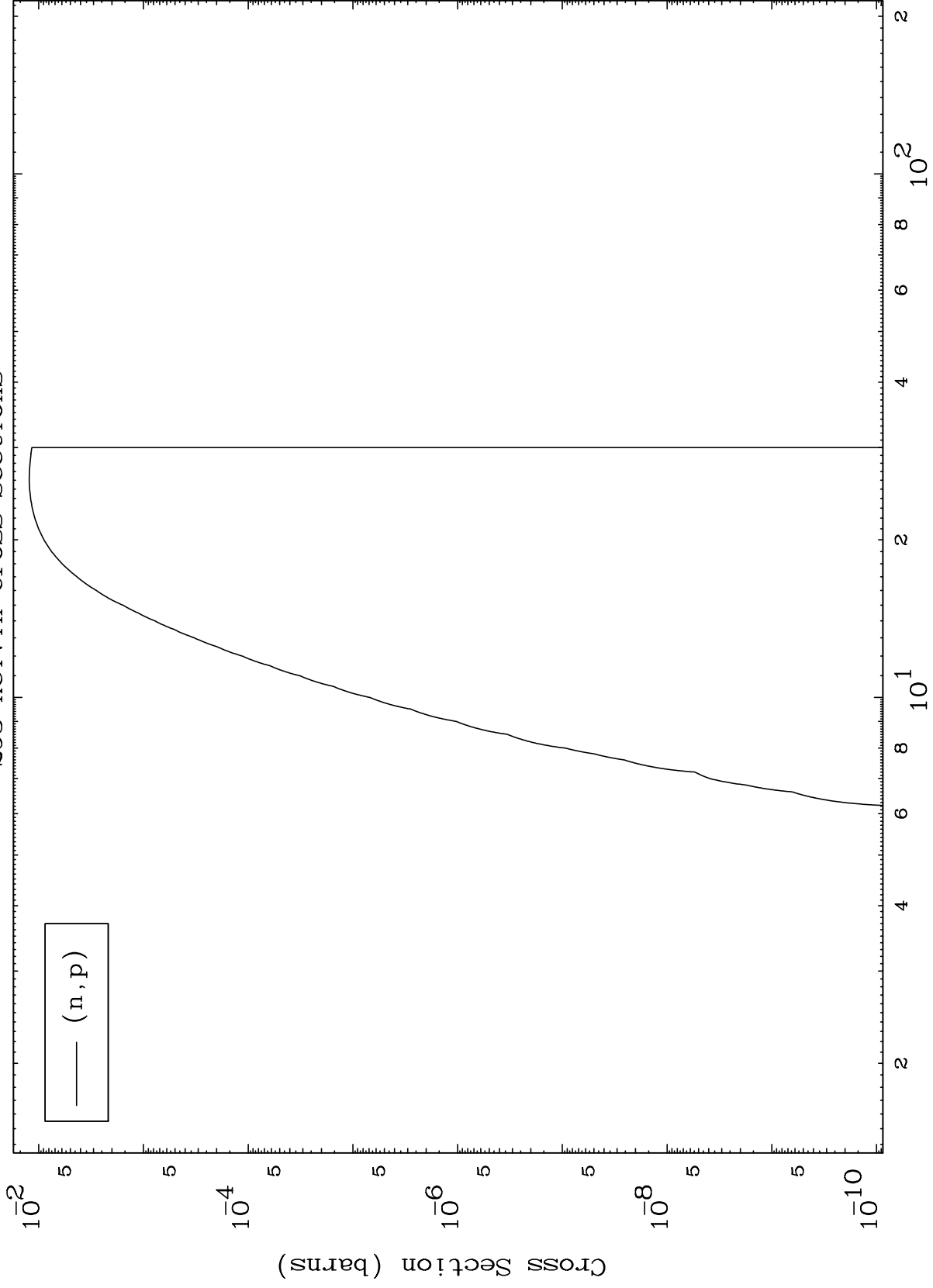
94-Pu-244m



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(n,p) Levels
293 Kelvin Cross Sections

94-Pu-244m



12

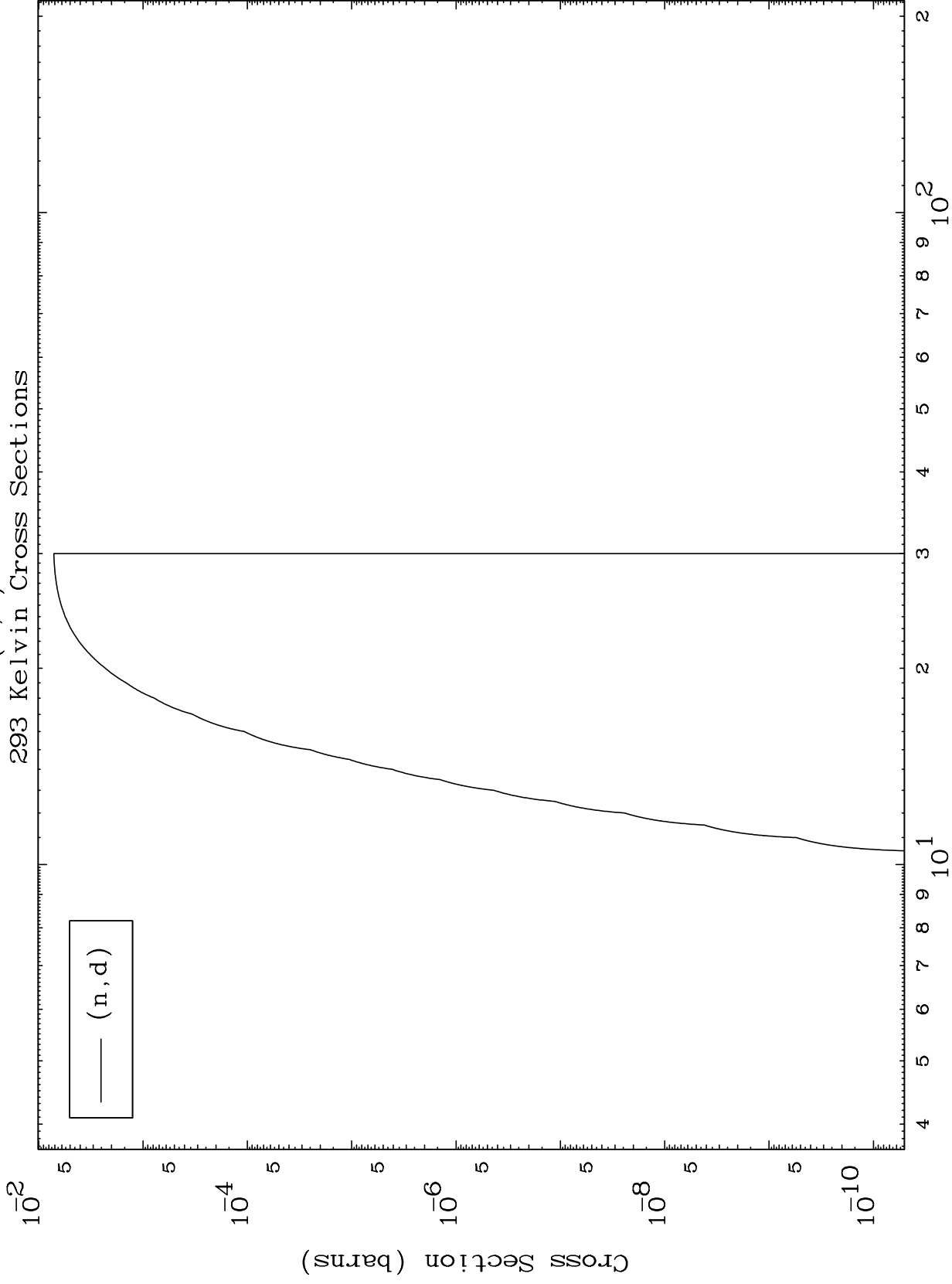
Incident Energy (MeV)

94-Pu-244m

MAT 9453

(n,d) Levels
293 Kelvin Cross Sections

94-Pu-244m



13

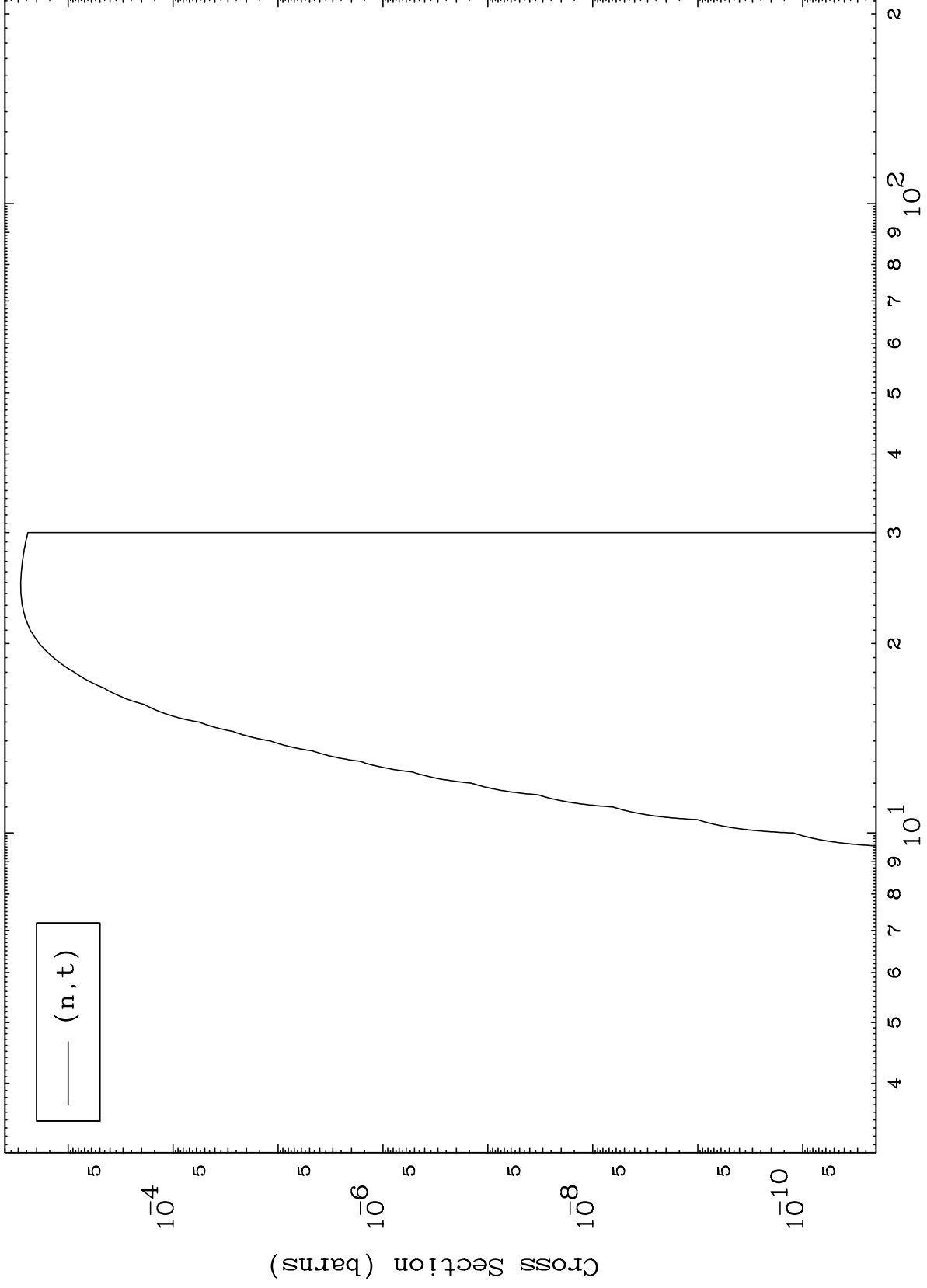
Incident Energy (MeV)

94-Pu-244m

MAT 9453

(n,t) Levels
293 Kelvin Cross Sections

94-Pu-244m



14

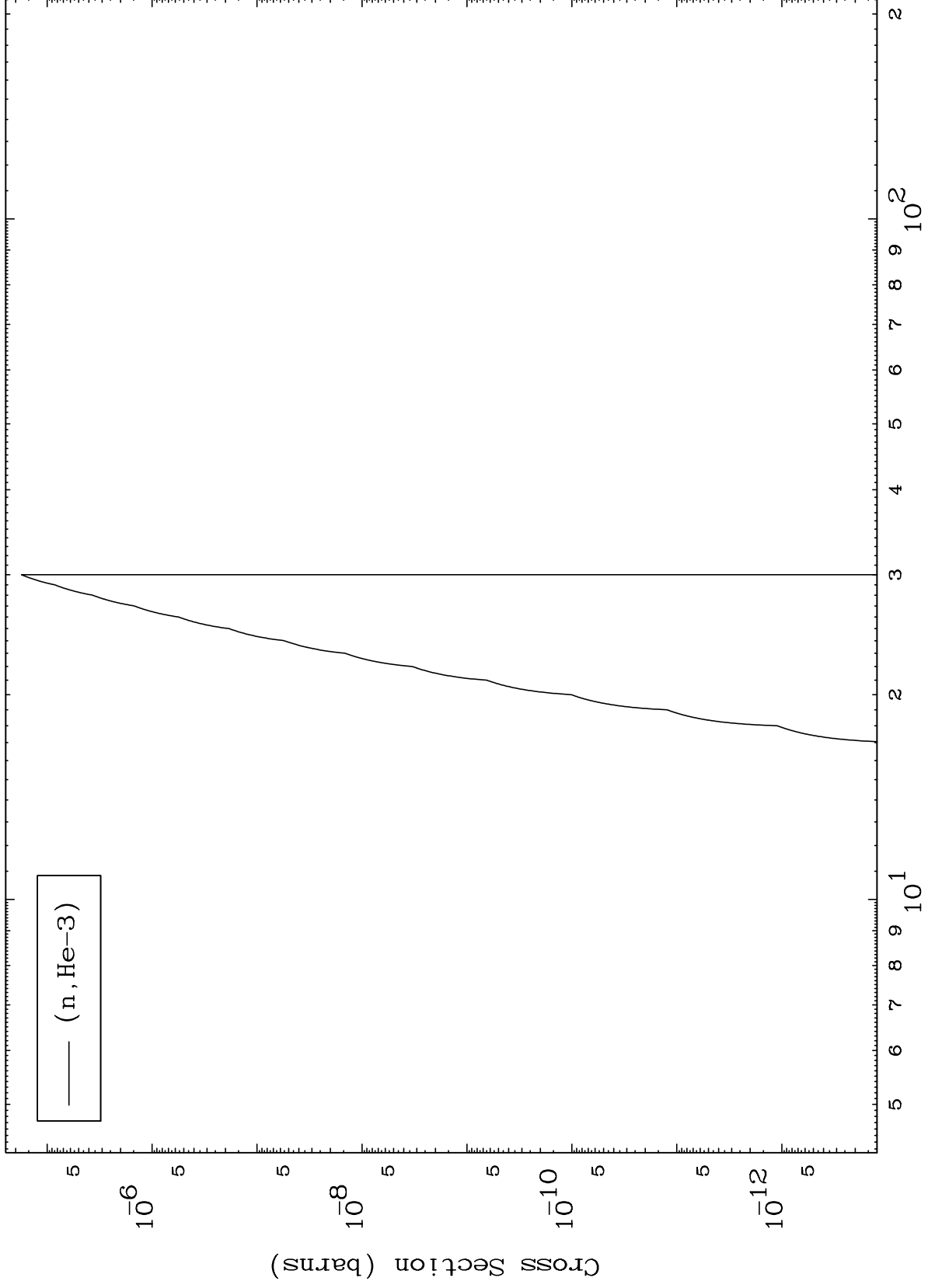
Incident Energy (MeV)

94-Pu-244m

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(n,He3) Levels
293 Kelvin Cross Sections

94-Pu-244m



15

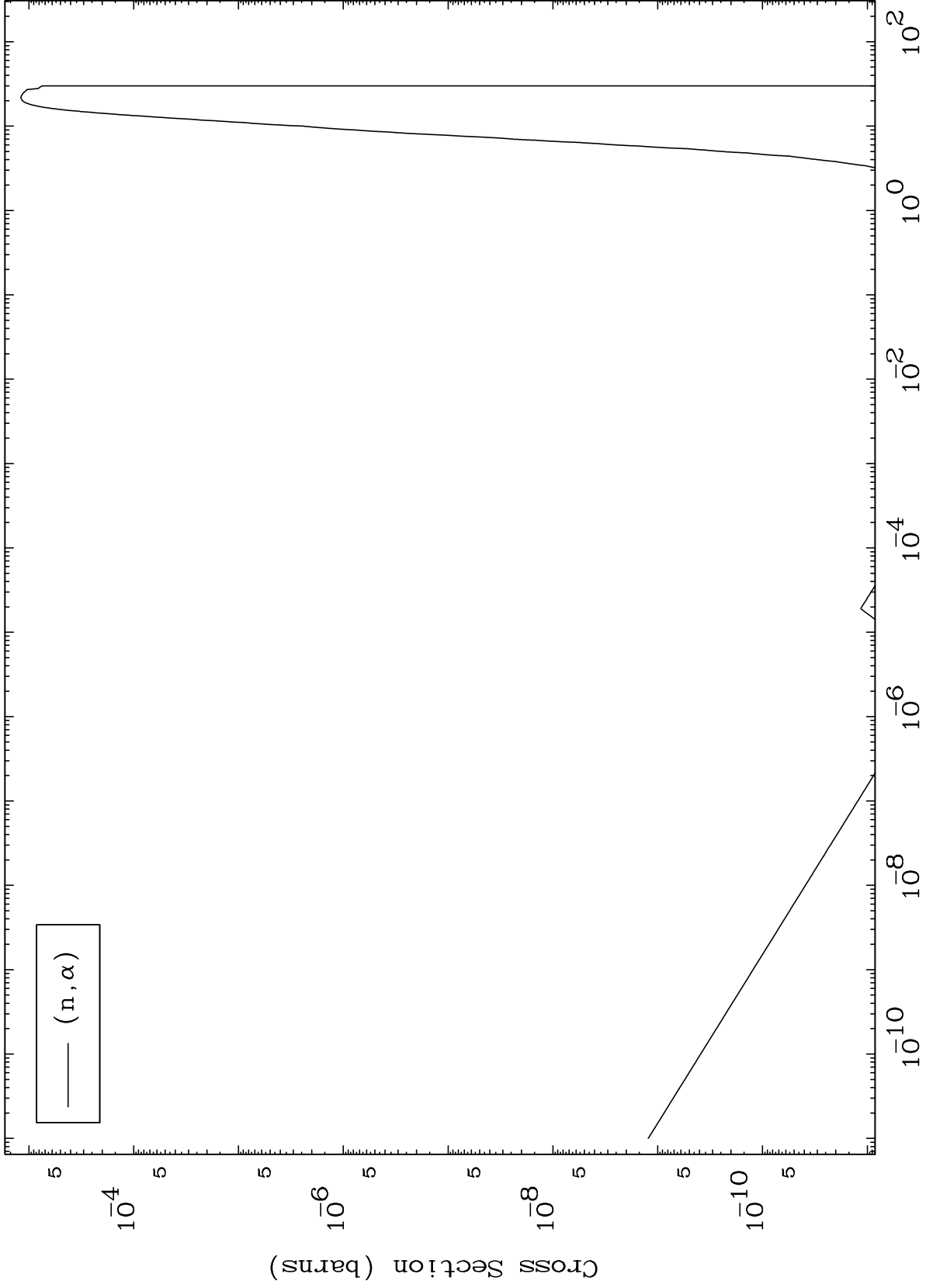
Incident Energy (MeV)

94-Pu-244m

MAT 9453

(n, α) Levels
293 Kelvin Cross Sections

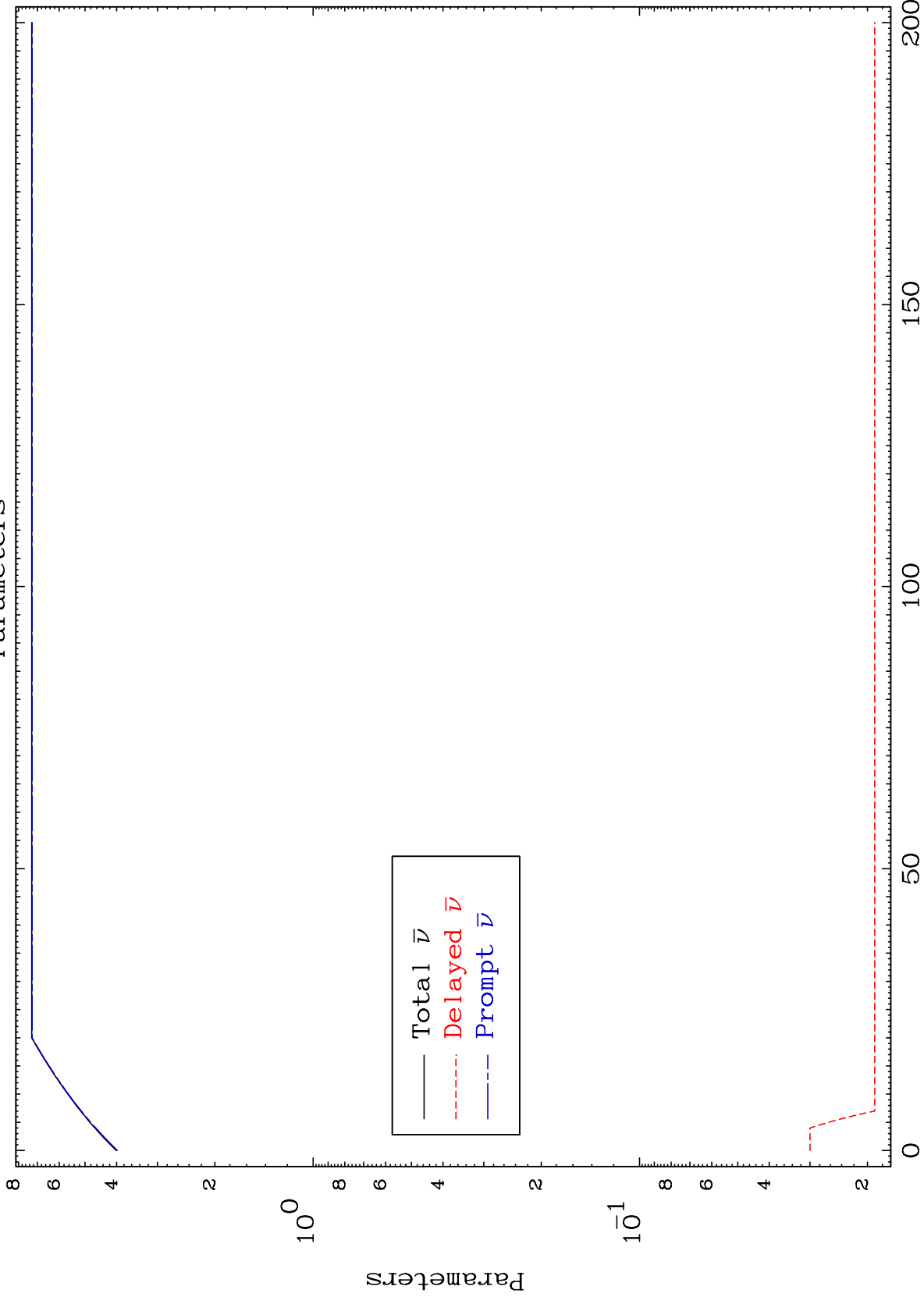
94-Pu-244m



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Energy Release
Parameters

94-Pu-244m



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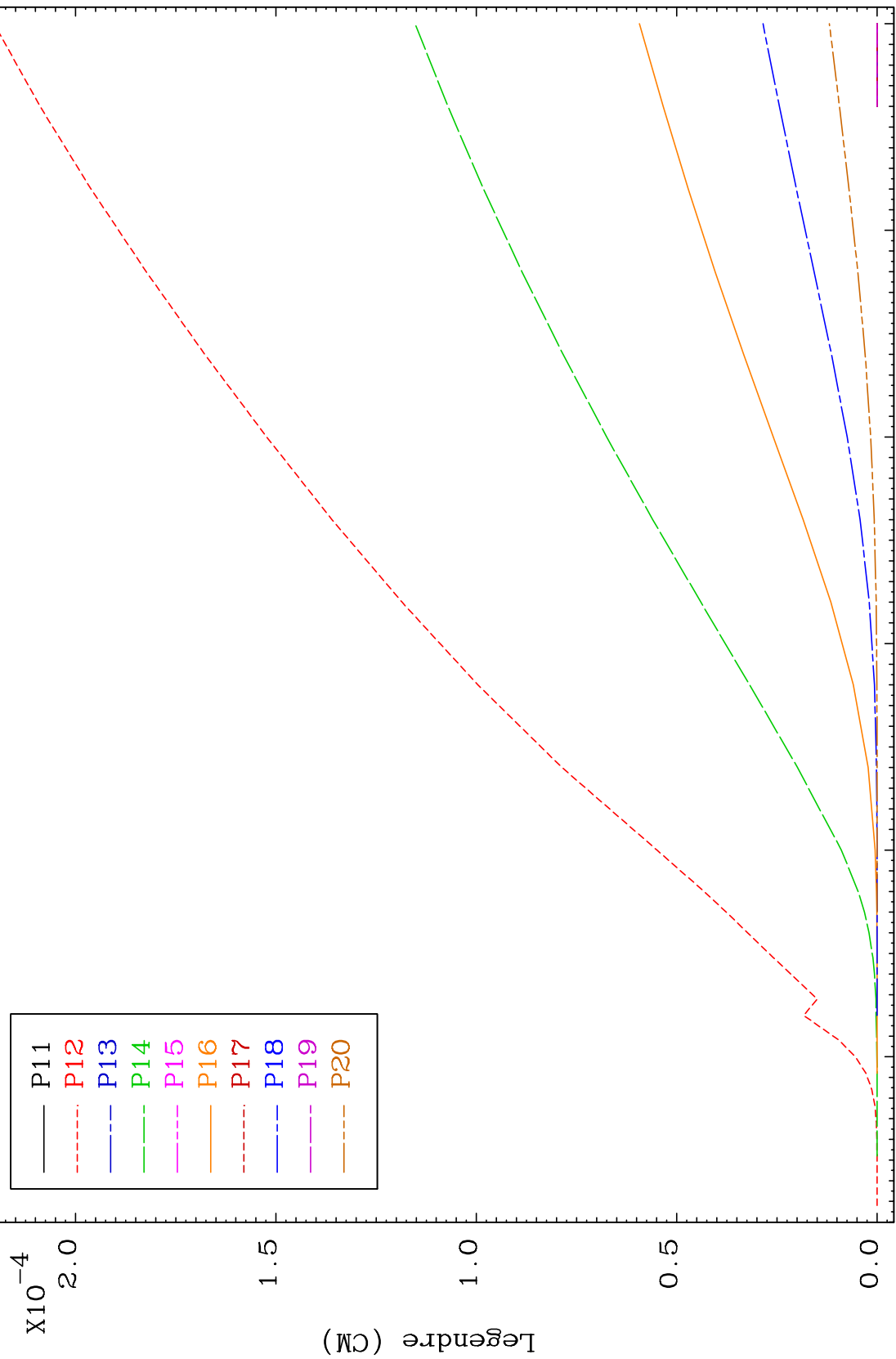
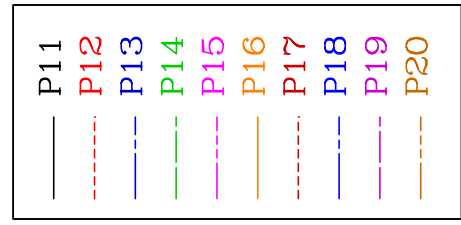
Incident Energy (MeV)

94-Pu-244m

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Elastic Legendre Coefficients

94-Pu-244m



19

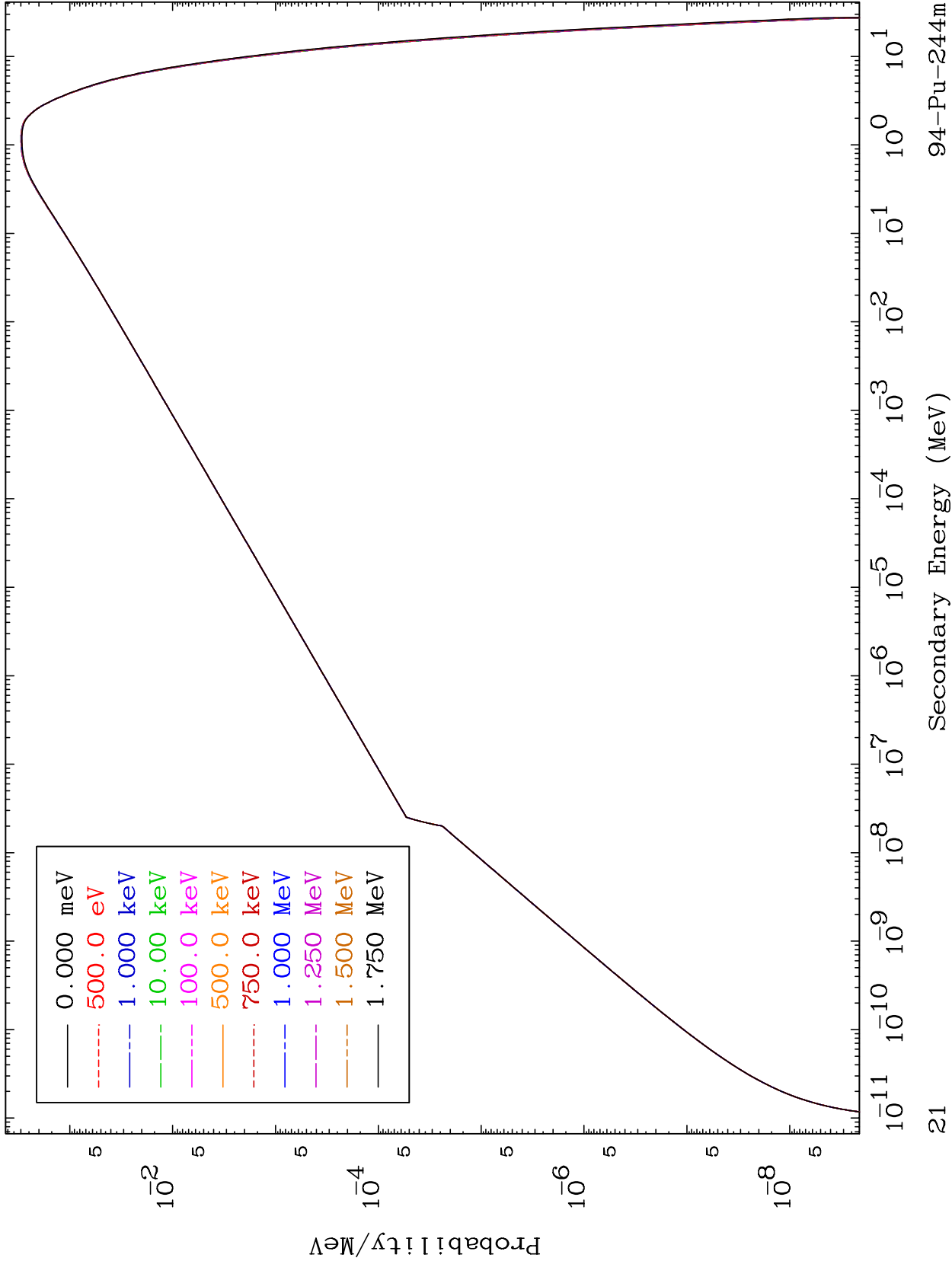
94-Pu-244m

Incident Energy (MeV)

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Fission Energy Distributions

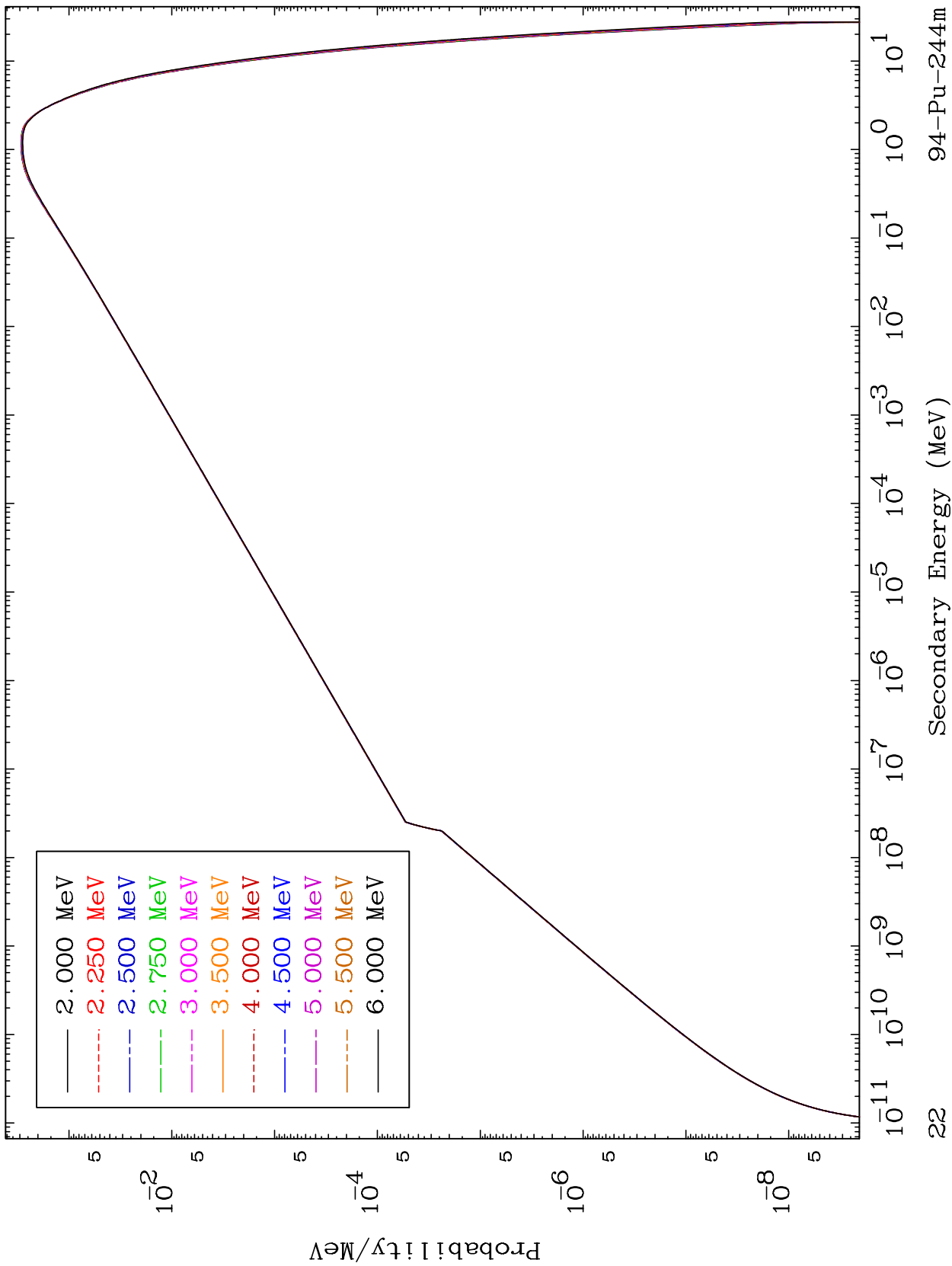
94-Pu-244m



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Fission Energy Distributions

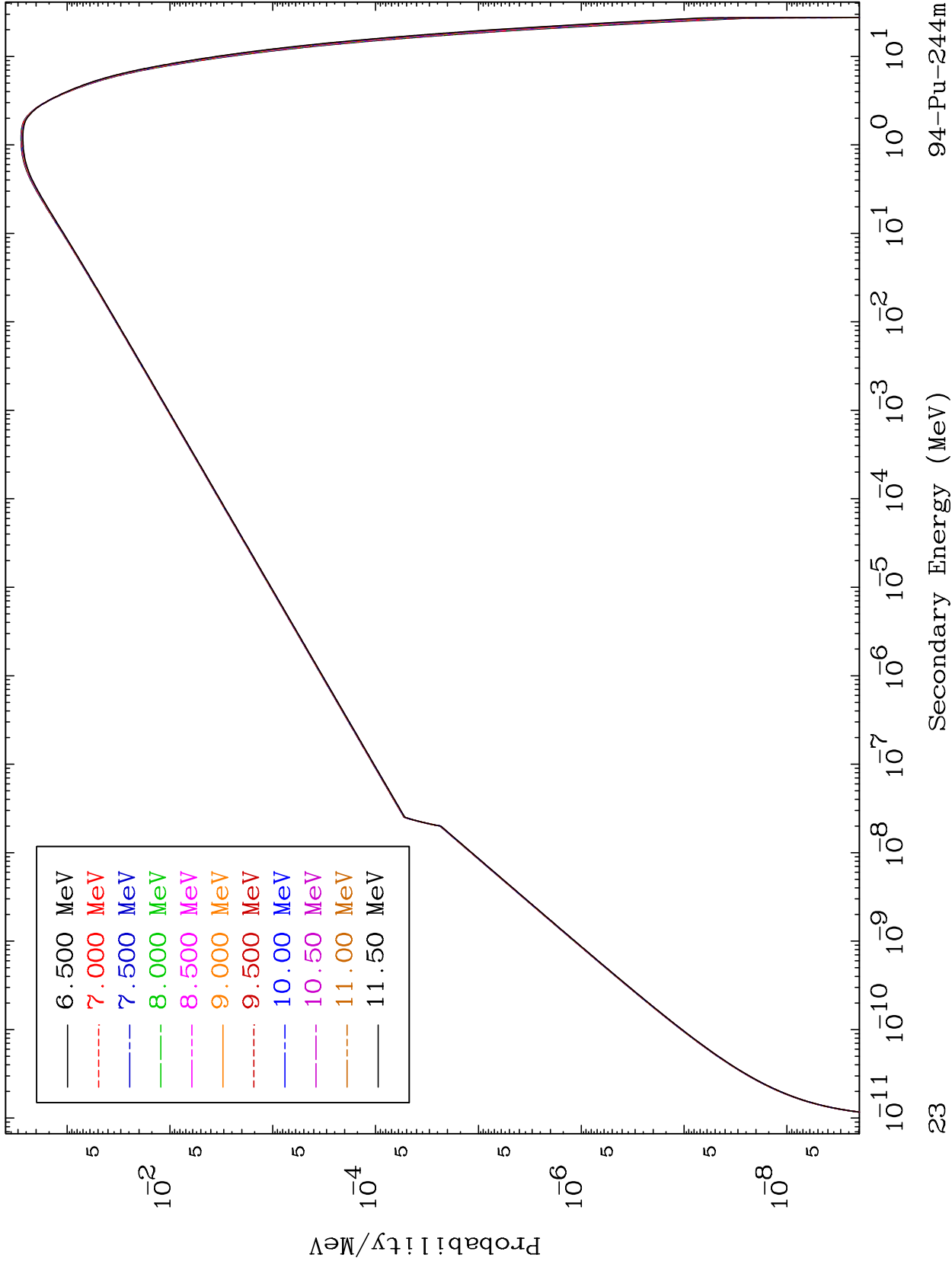
94-Pu-244m



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Fission Energy Distributions

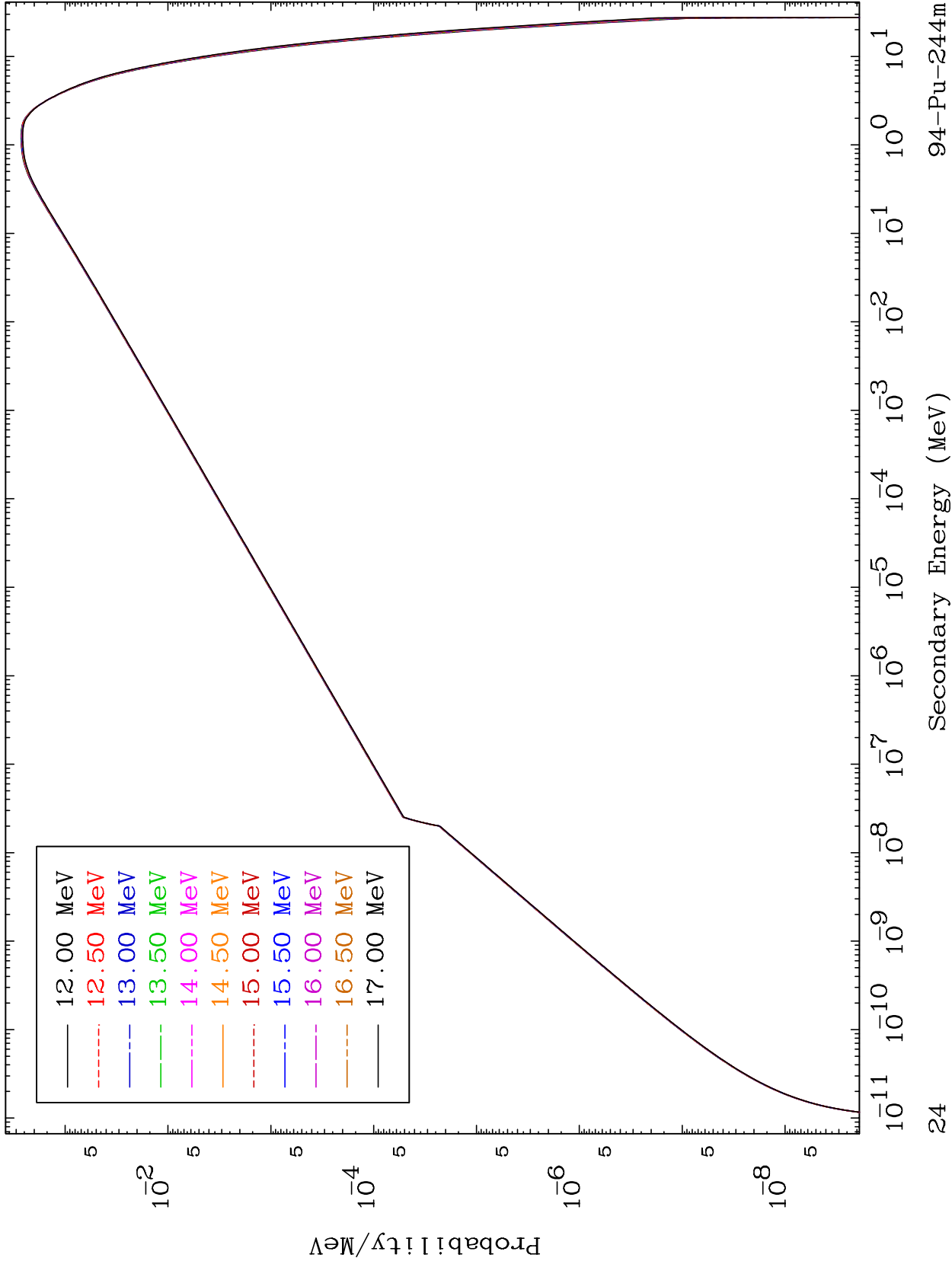
94-Pu-244m



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Fission Energy Distributions

94-Pu-244m



94-Pu-244m

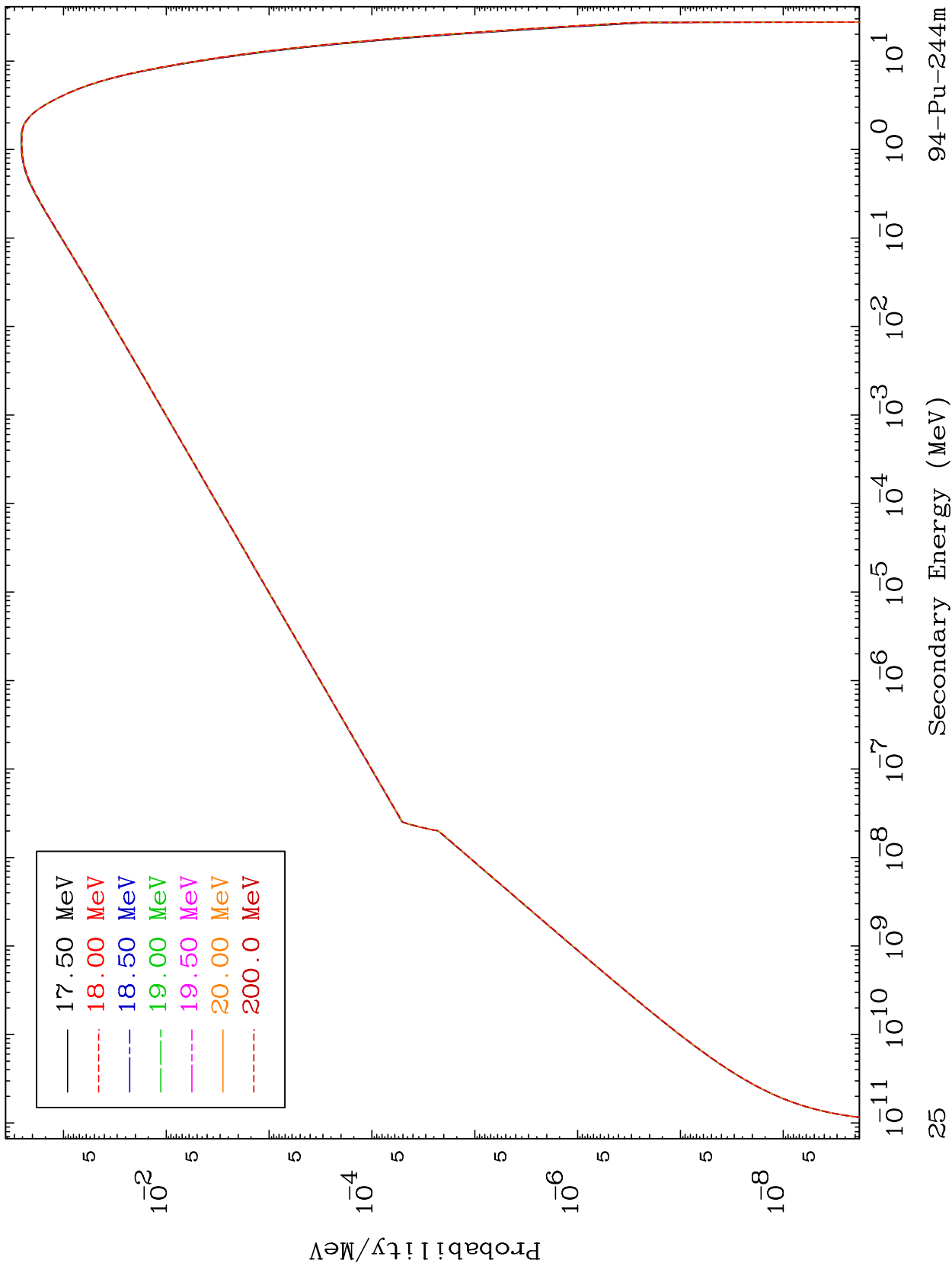
Secondary Energy (MeV)

24

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Fission
Energy Distributions

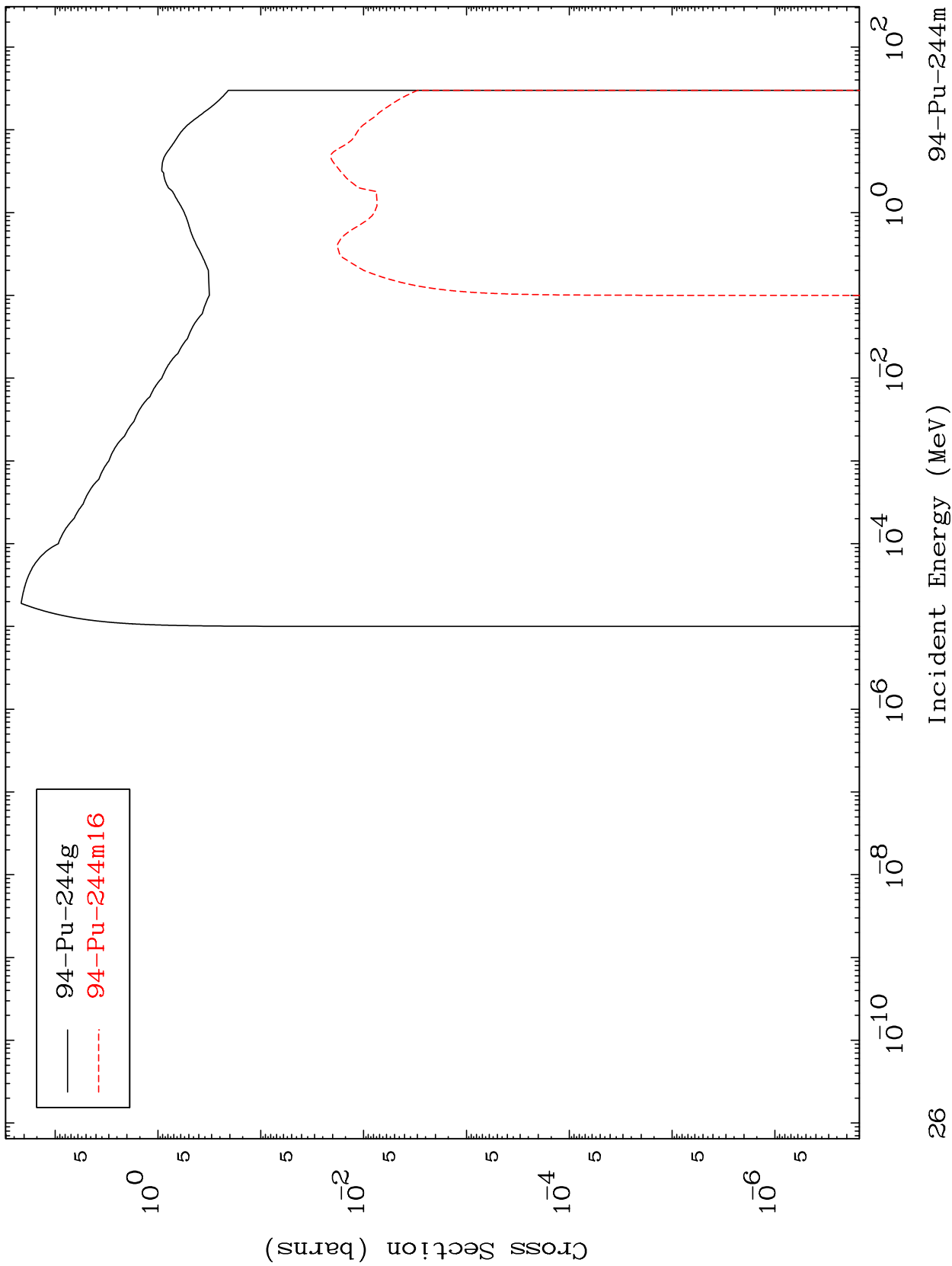
94-Pu-244m



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94-Pu-244m

Inelastic
Radionuclide Production Cross Section

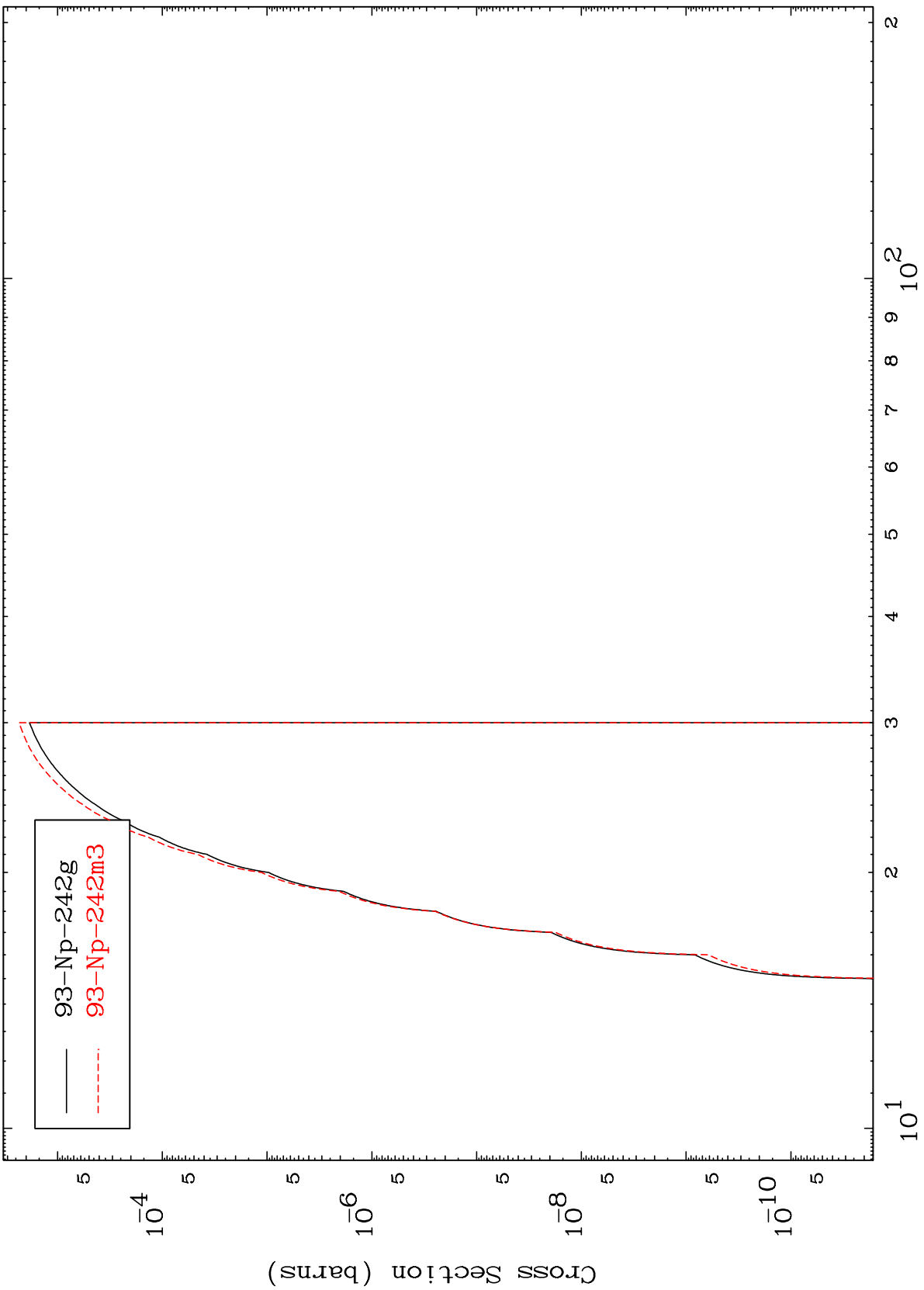


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(n,n') d

94-Pu-244m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

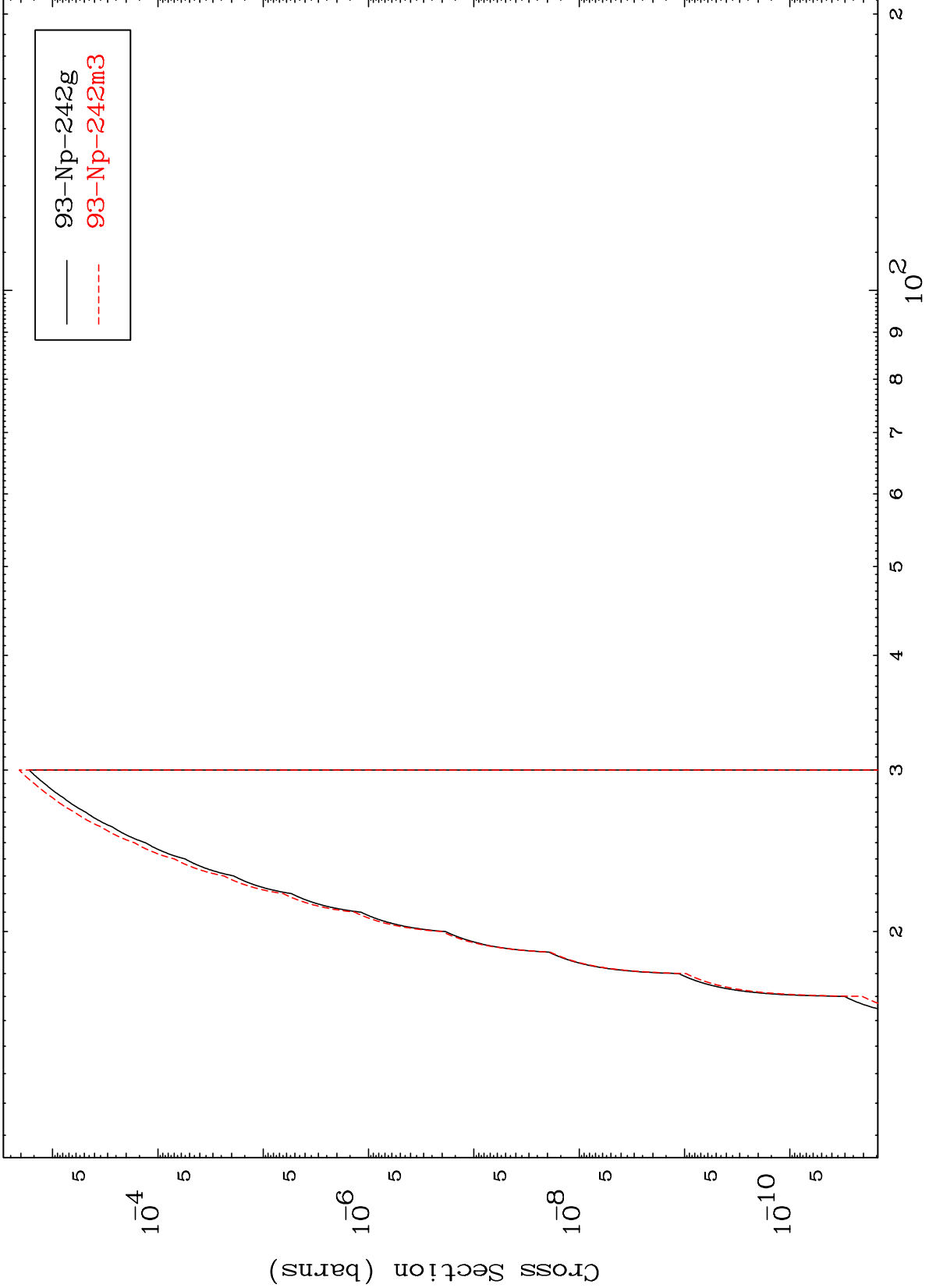
94-Pu-244m

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(n,2n) p

94-Pu-244m

Radionuclide Production Cross Section

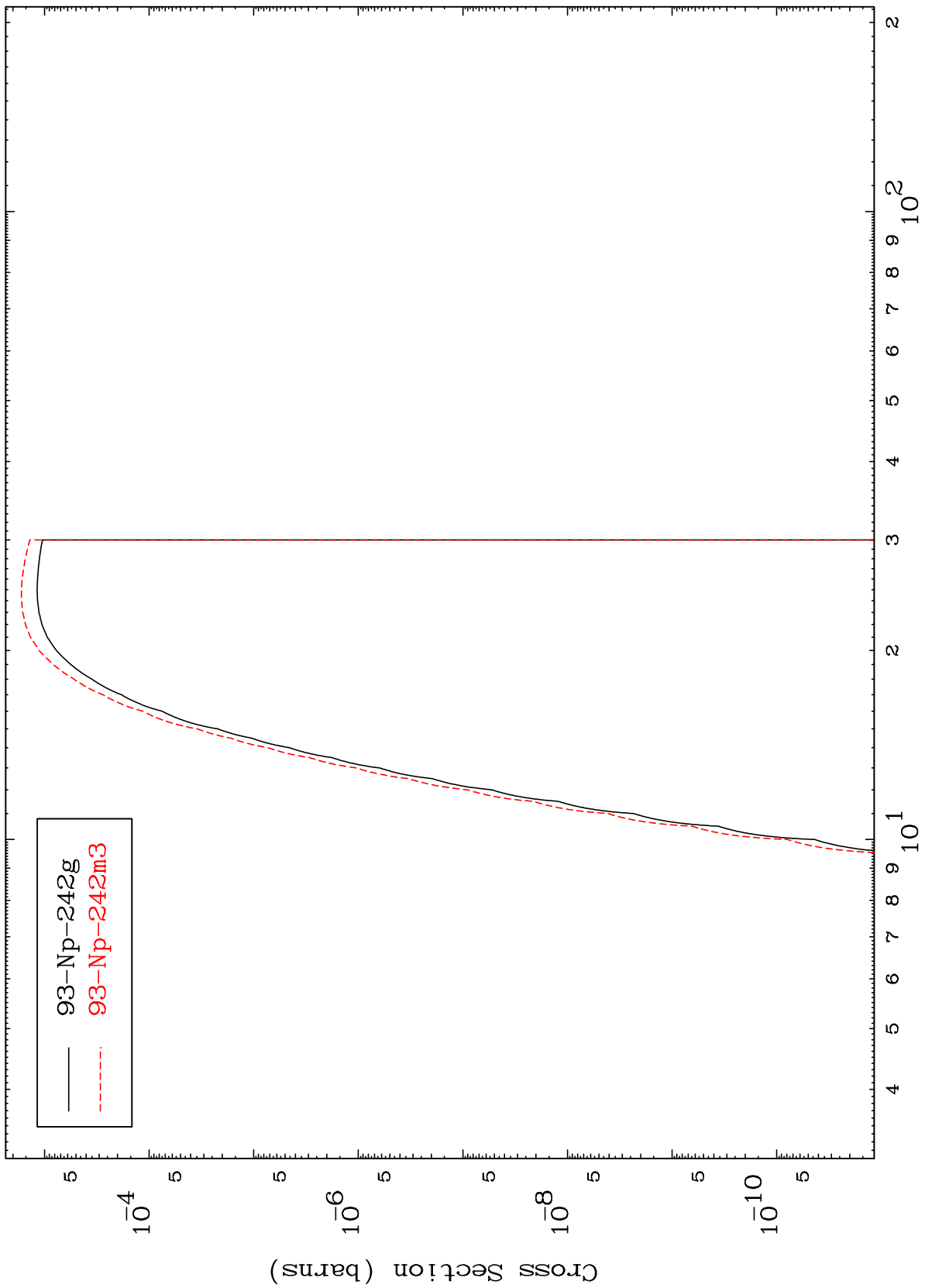


93-Np-242g
93-Np-242m3

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94-Pu-244m

Radionuclide Production Cross Section (n, t)



29

94-Pu-244m

Incident Energy (MeV)