

Program EVALPLOT
(Version 2021-1)

by

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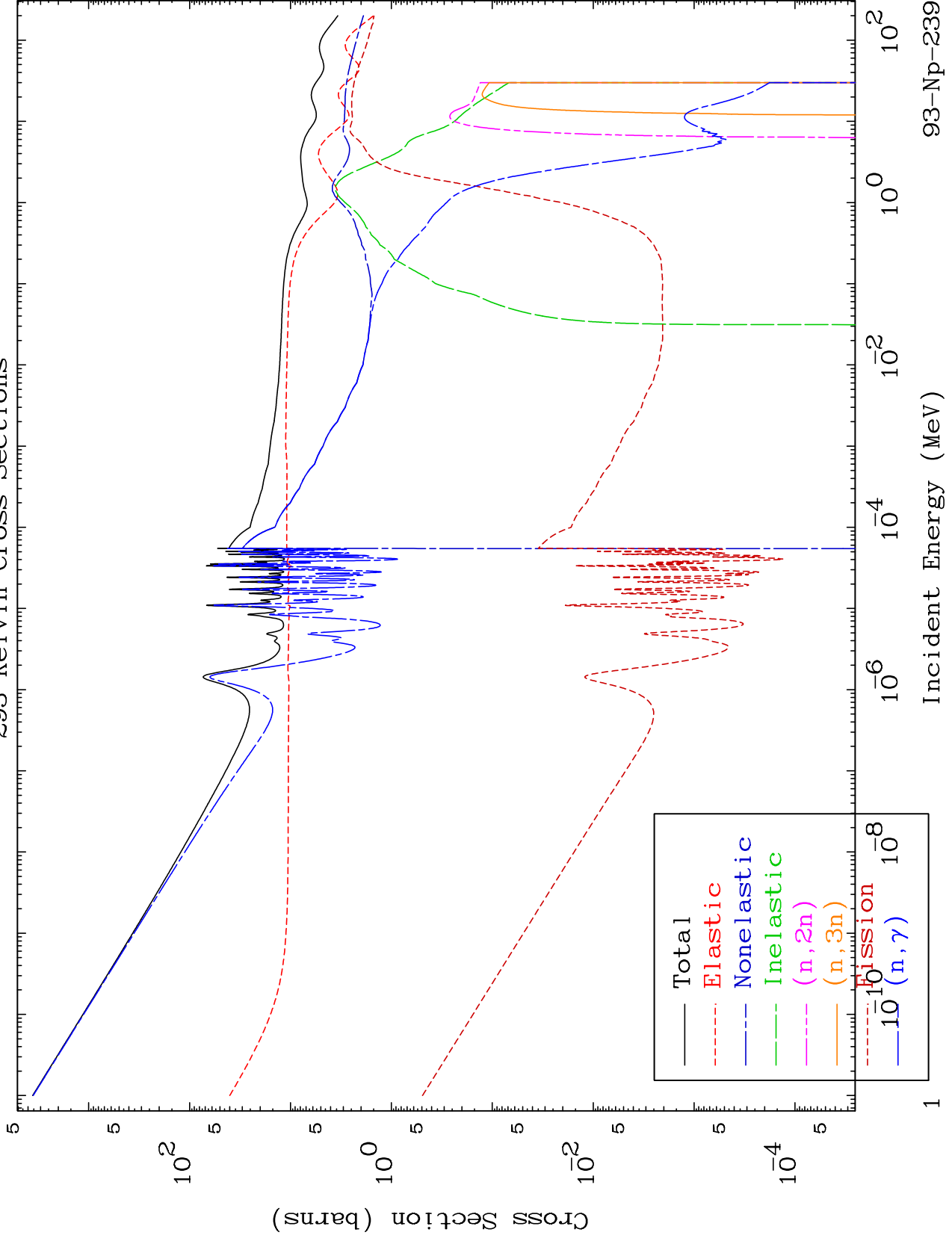
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9352

Neutron Major
293 Kelvin Cross Sections

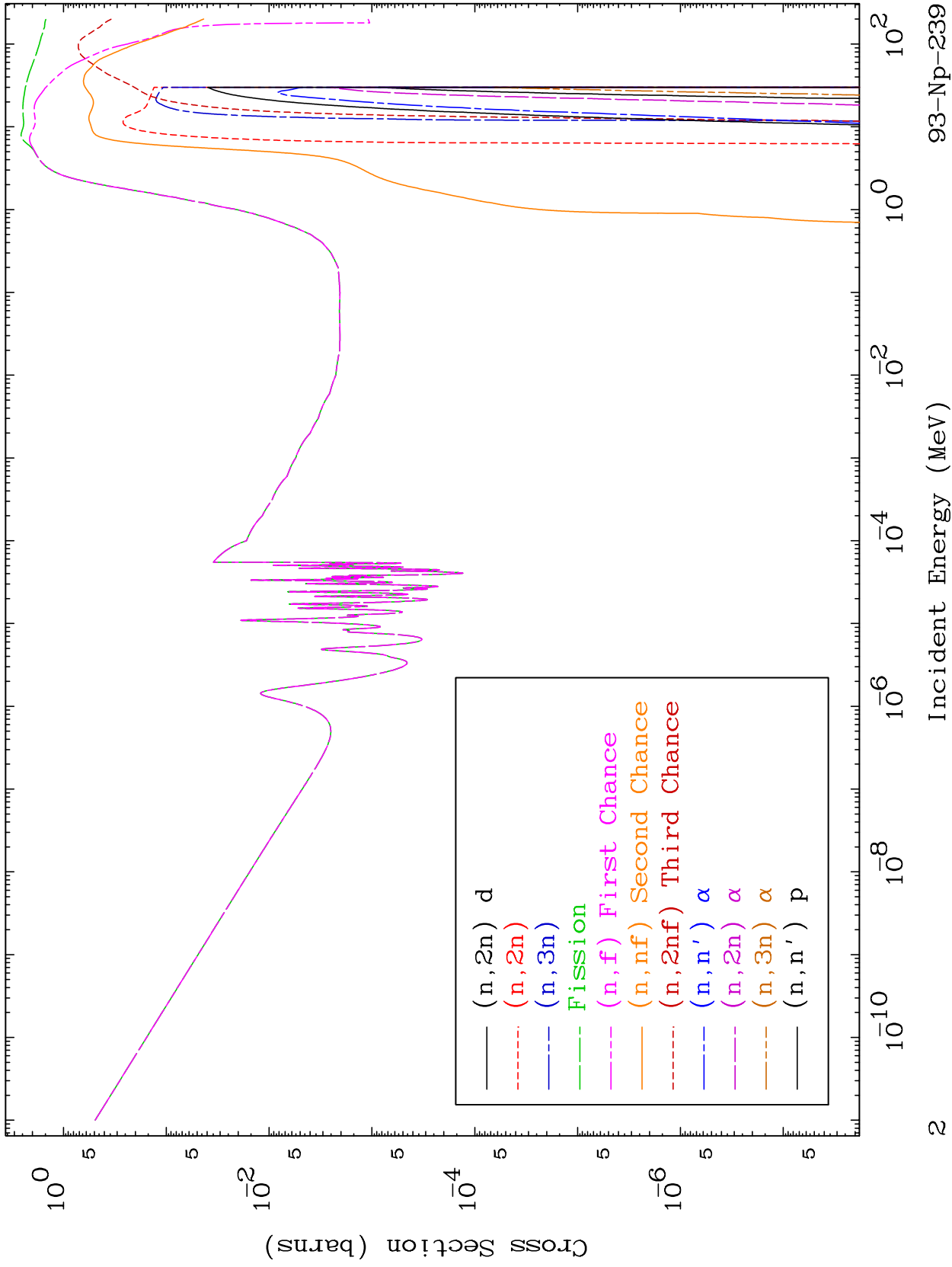
93-Np-239



MAT 9352

Neutron Absorption
293 Kelvin Cross Sections

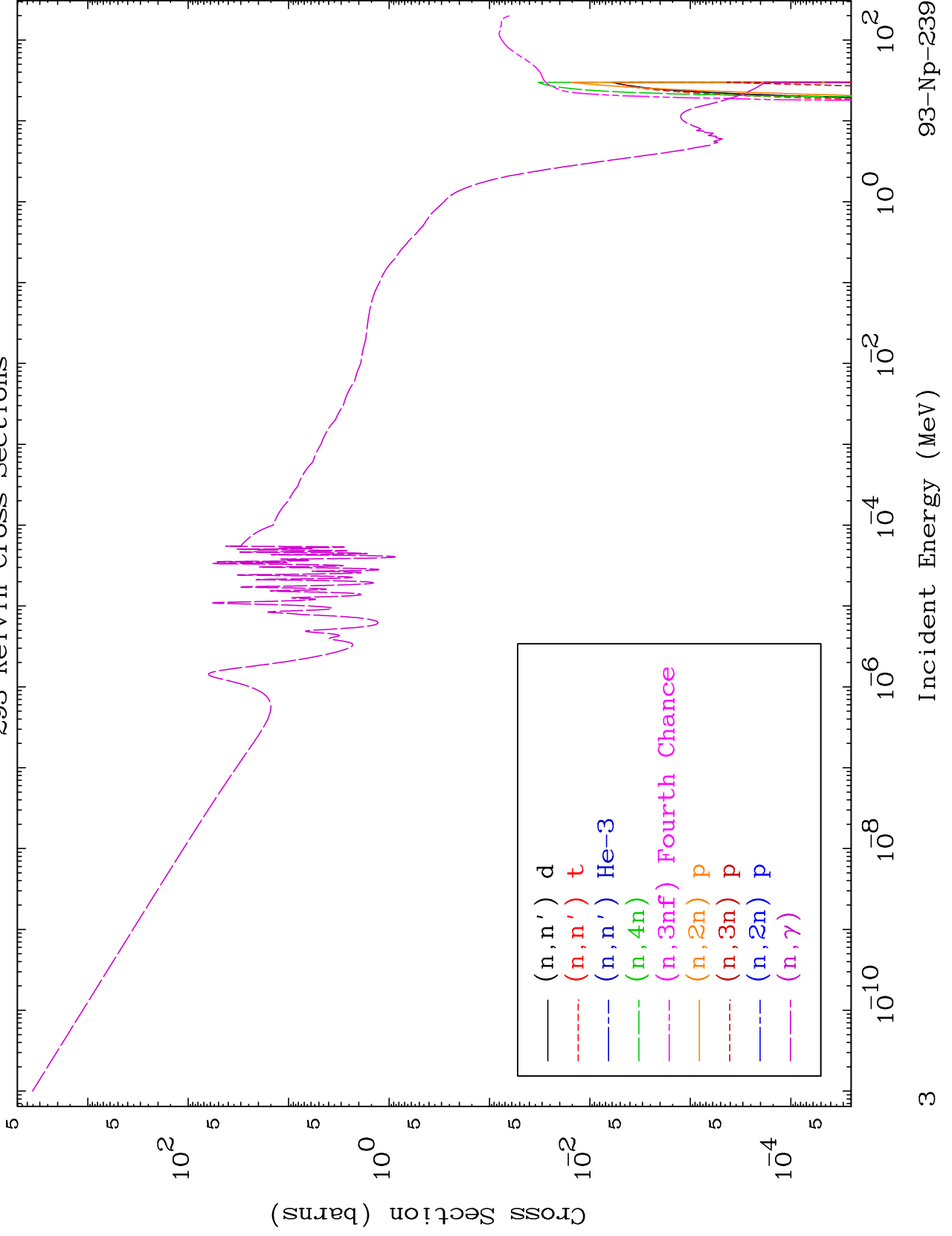
93-Np-239



MAT 9352

Neutron Absorption
293 Kelvin Cross Sections

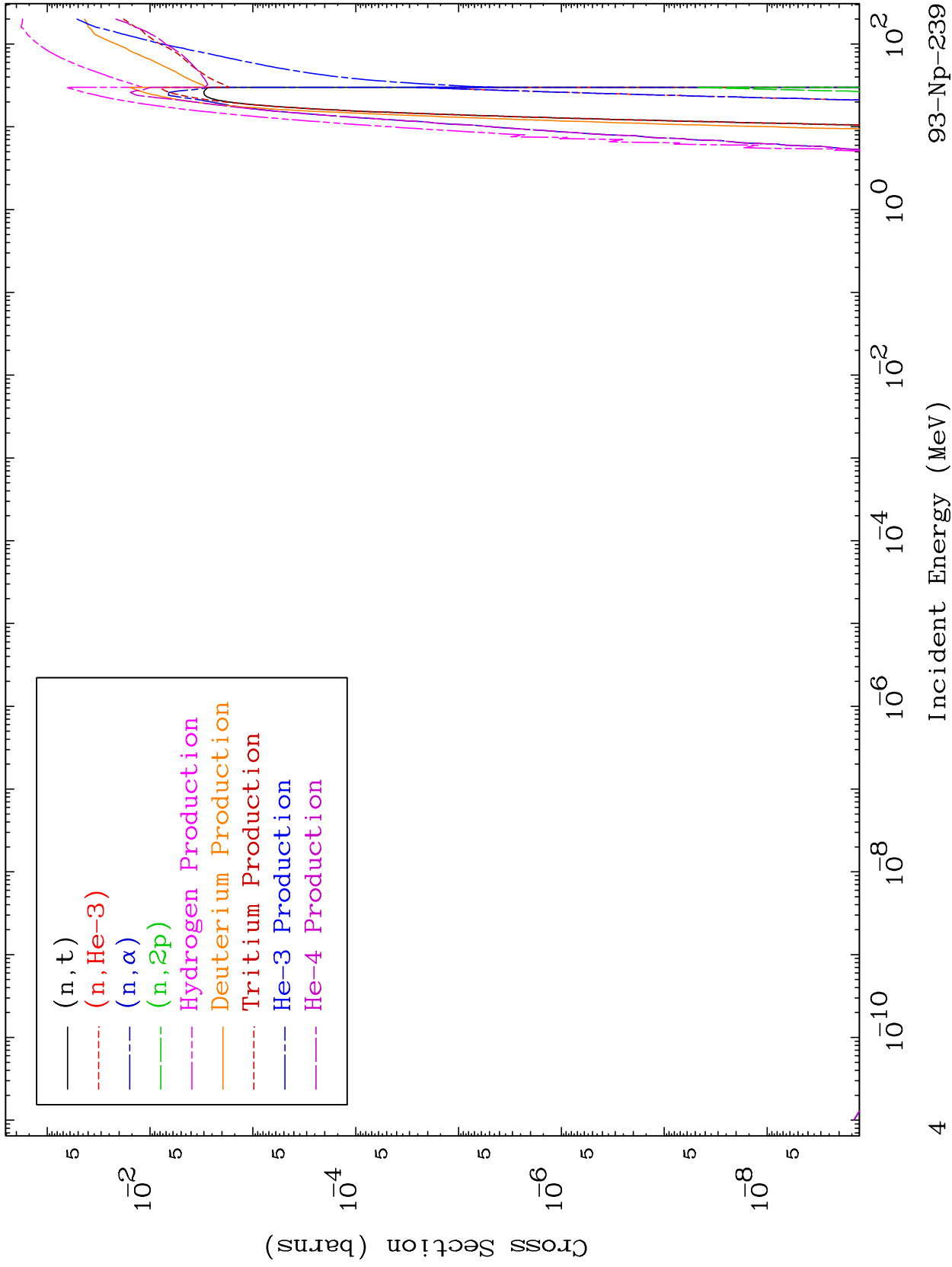
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MAT 9352

Neutron Absorption
293 Kelvin Cross Sections

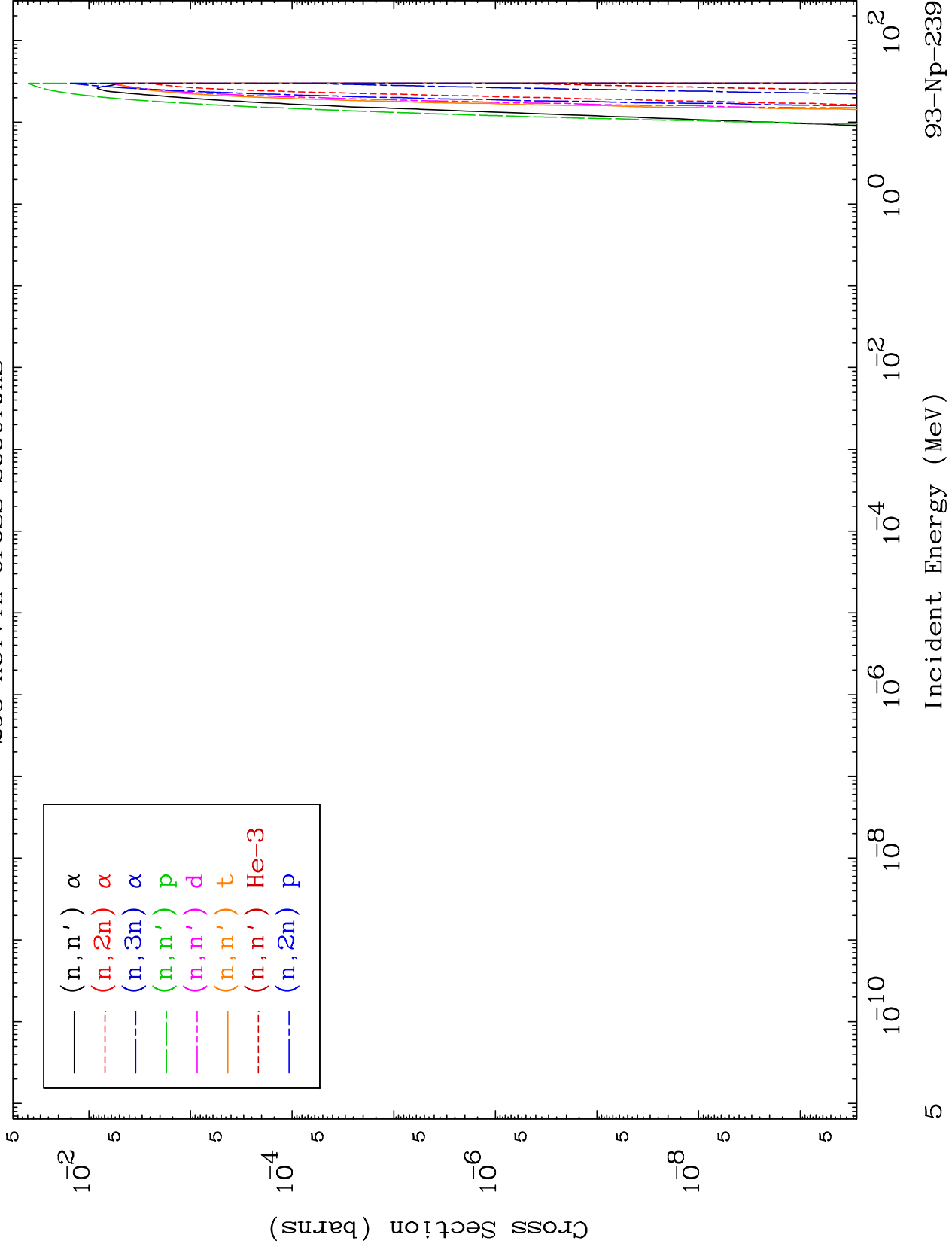
93-Np-239



MAT 9352

Charged Particle
293 Kelvin Cross Sections

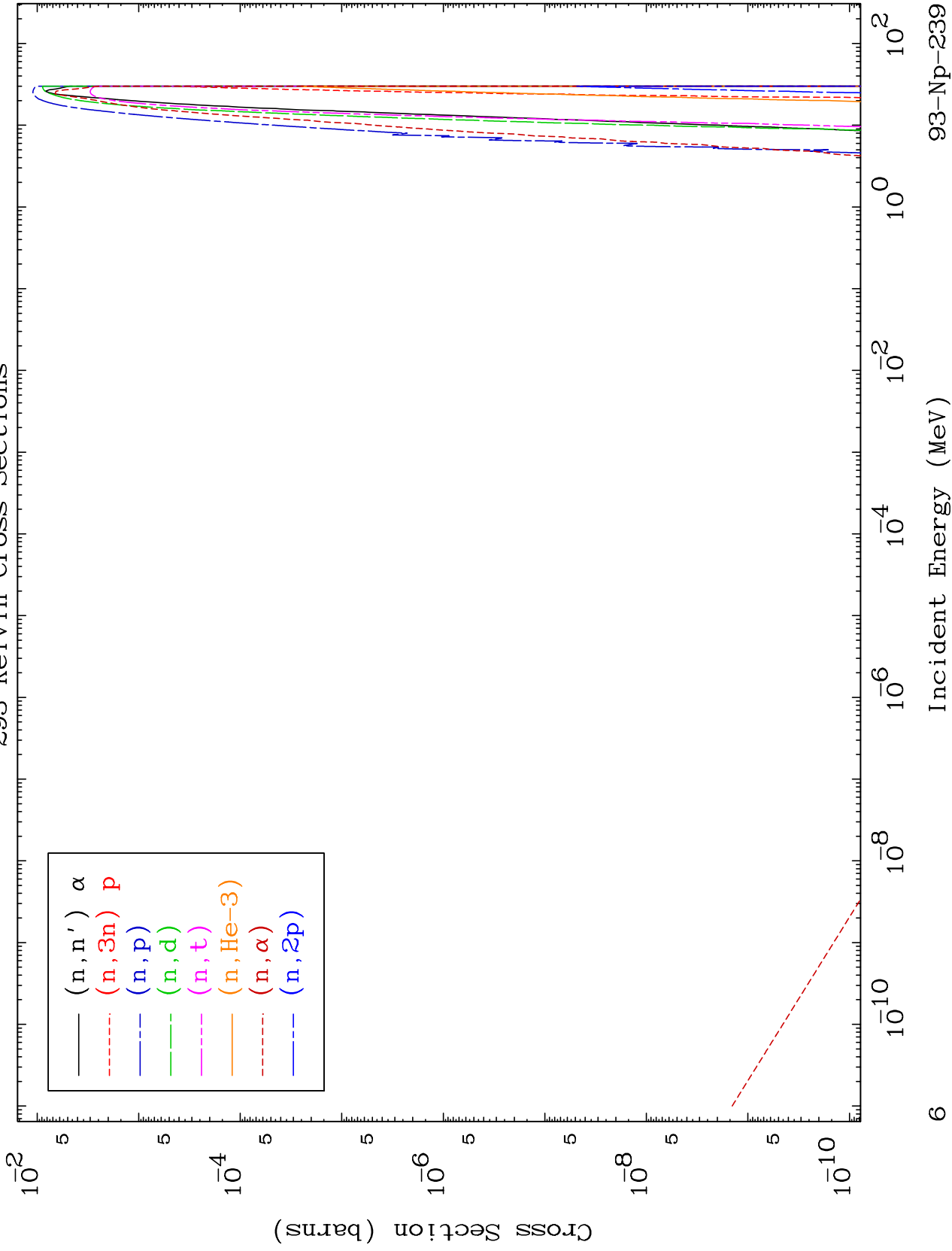
93-Np-239



MAT 9352

Charged Particle
293 Kelvin Cross Sections

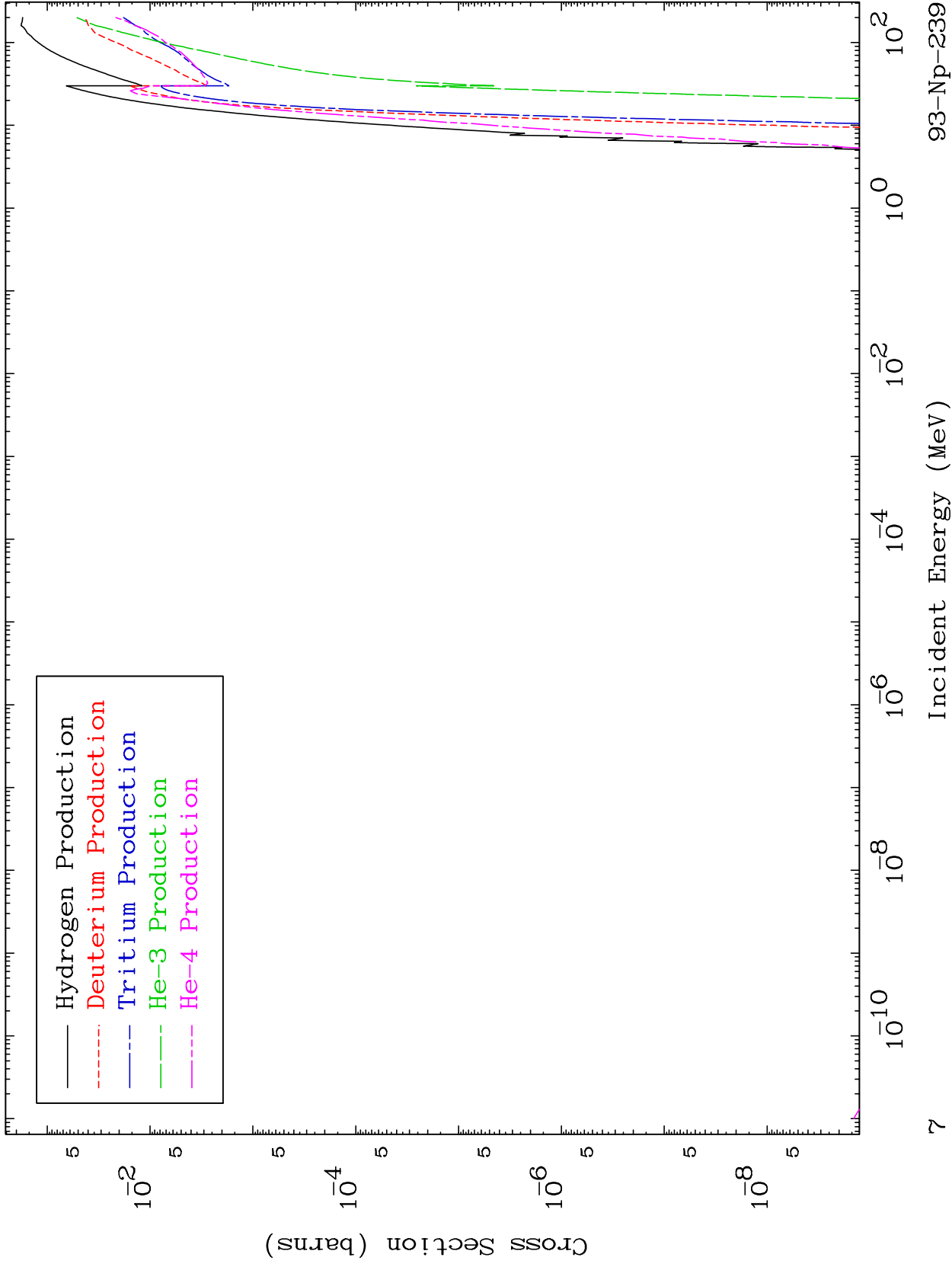
93-Np-239



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Particle Production
293 Kelvin Cross Sections

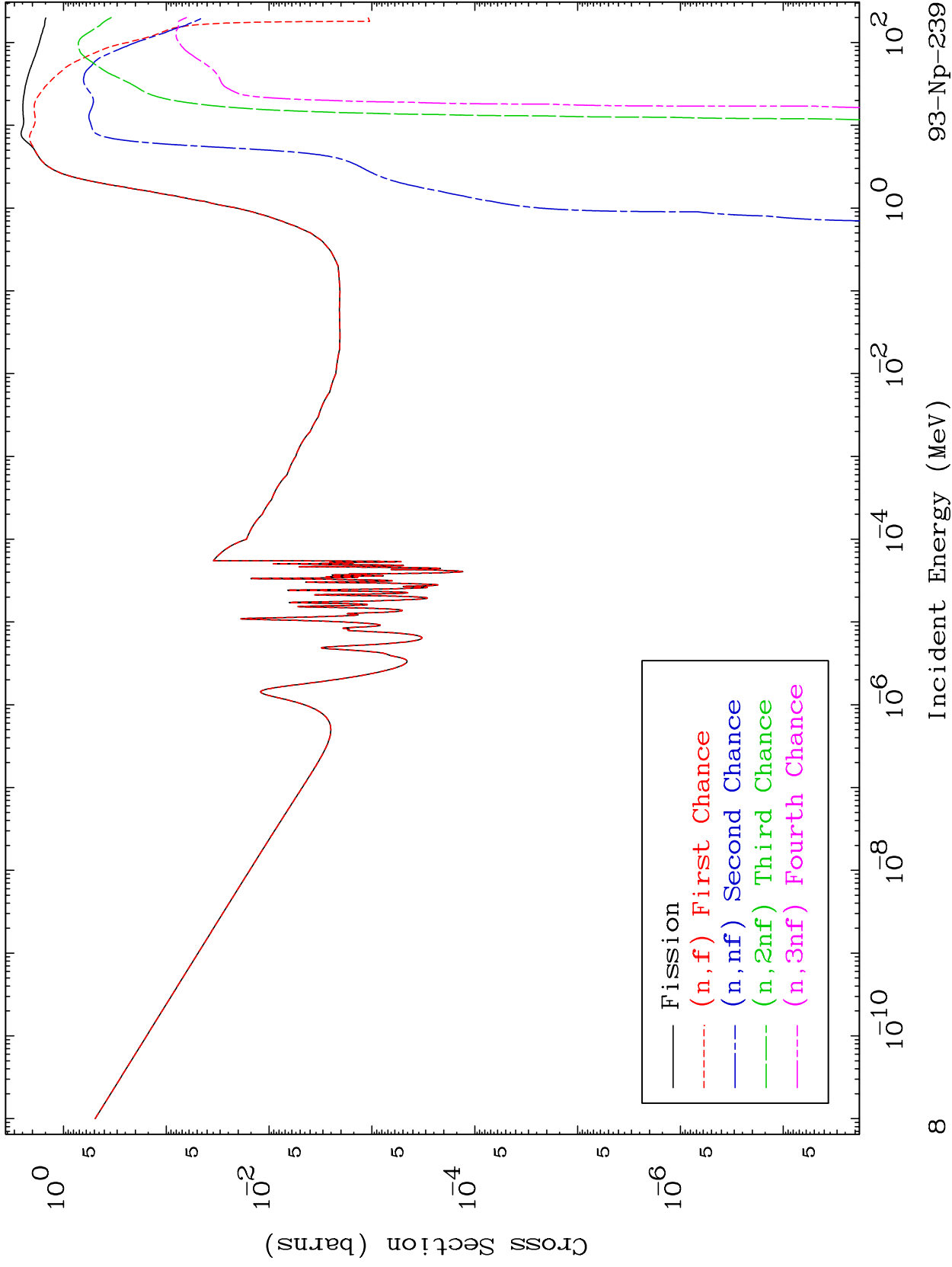
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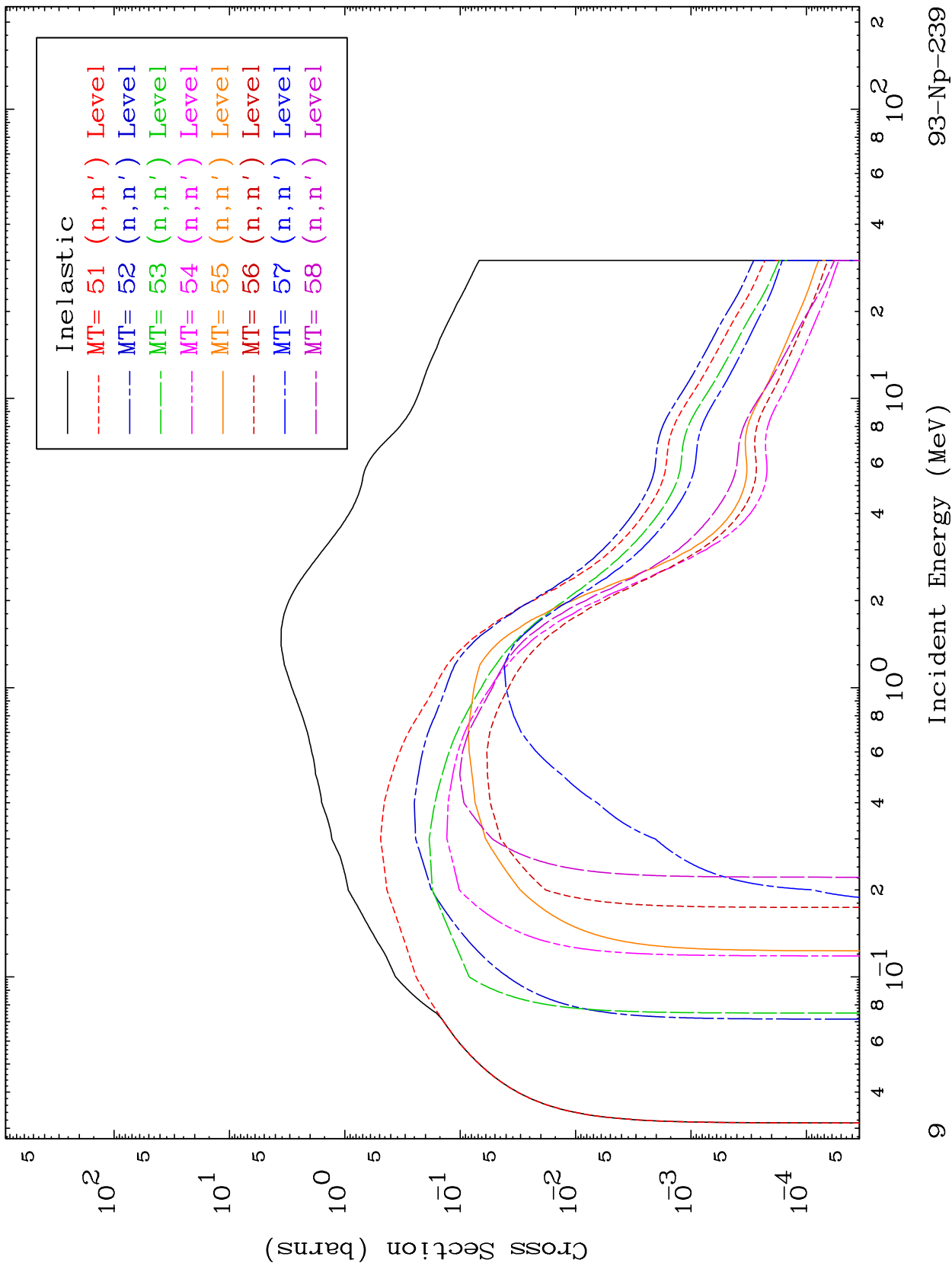


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Fission
293 Kelvin Cross Sections

93-Np-239

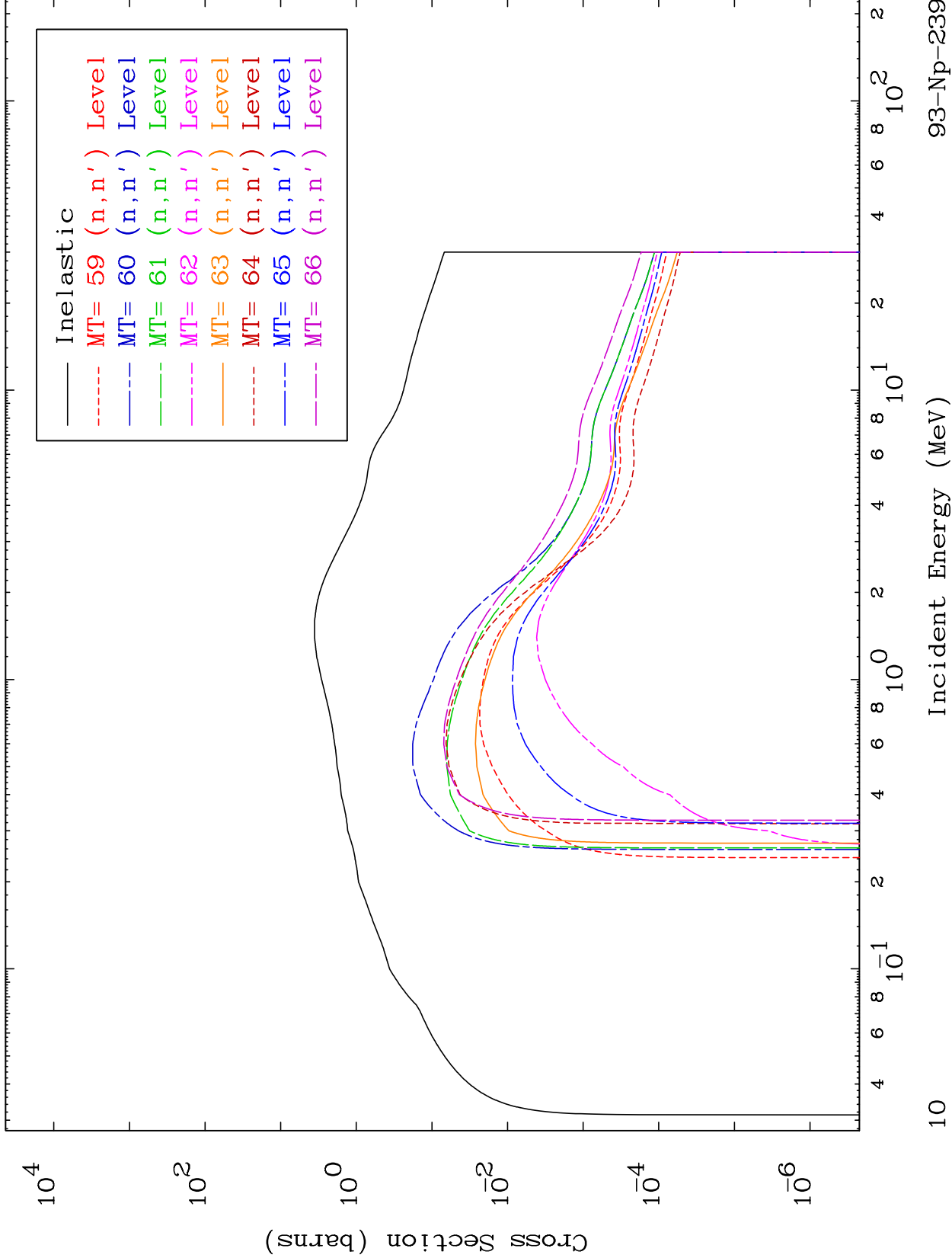




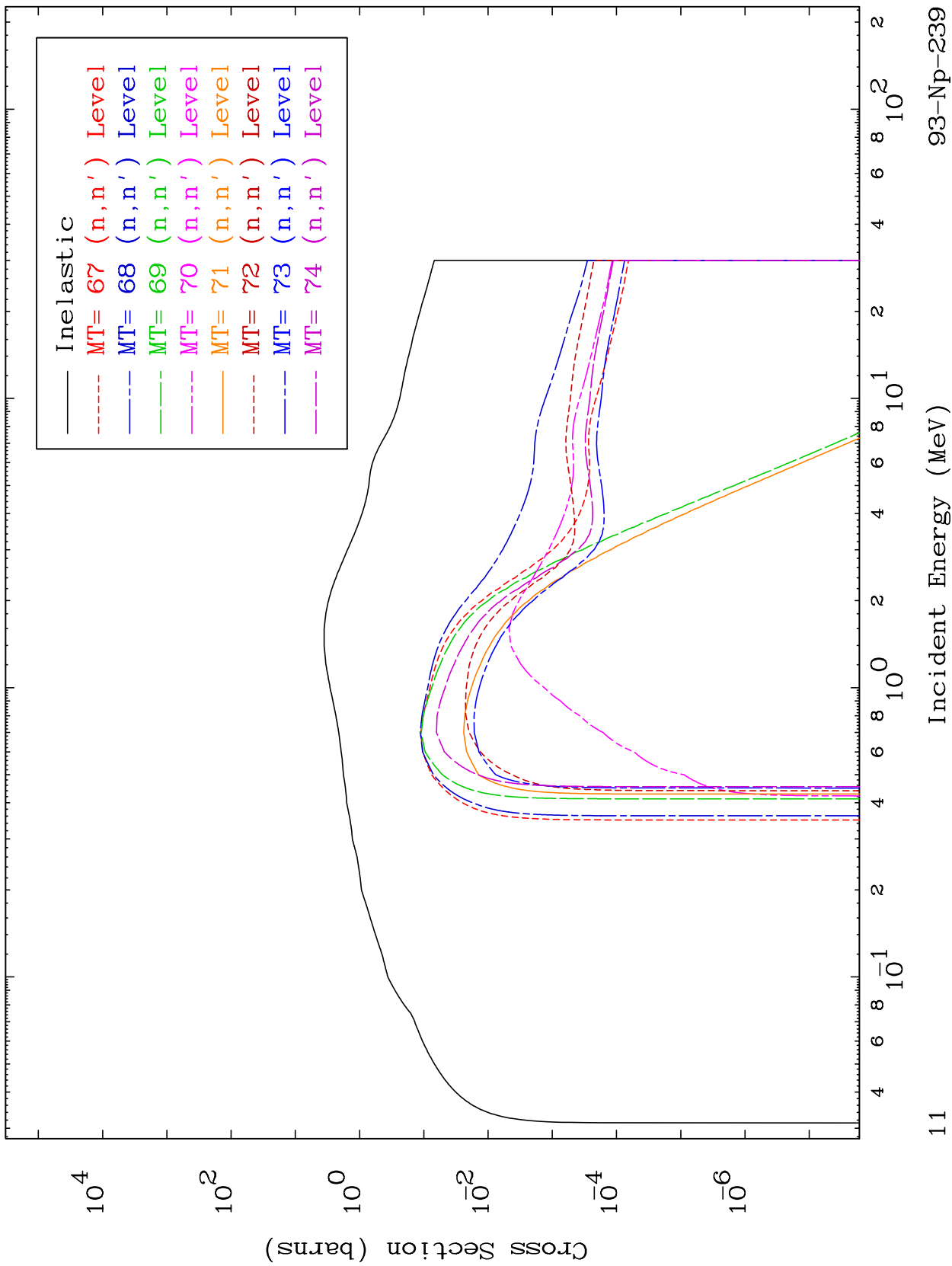
MAT 9352

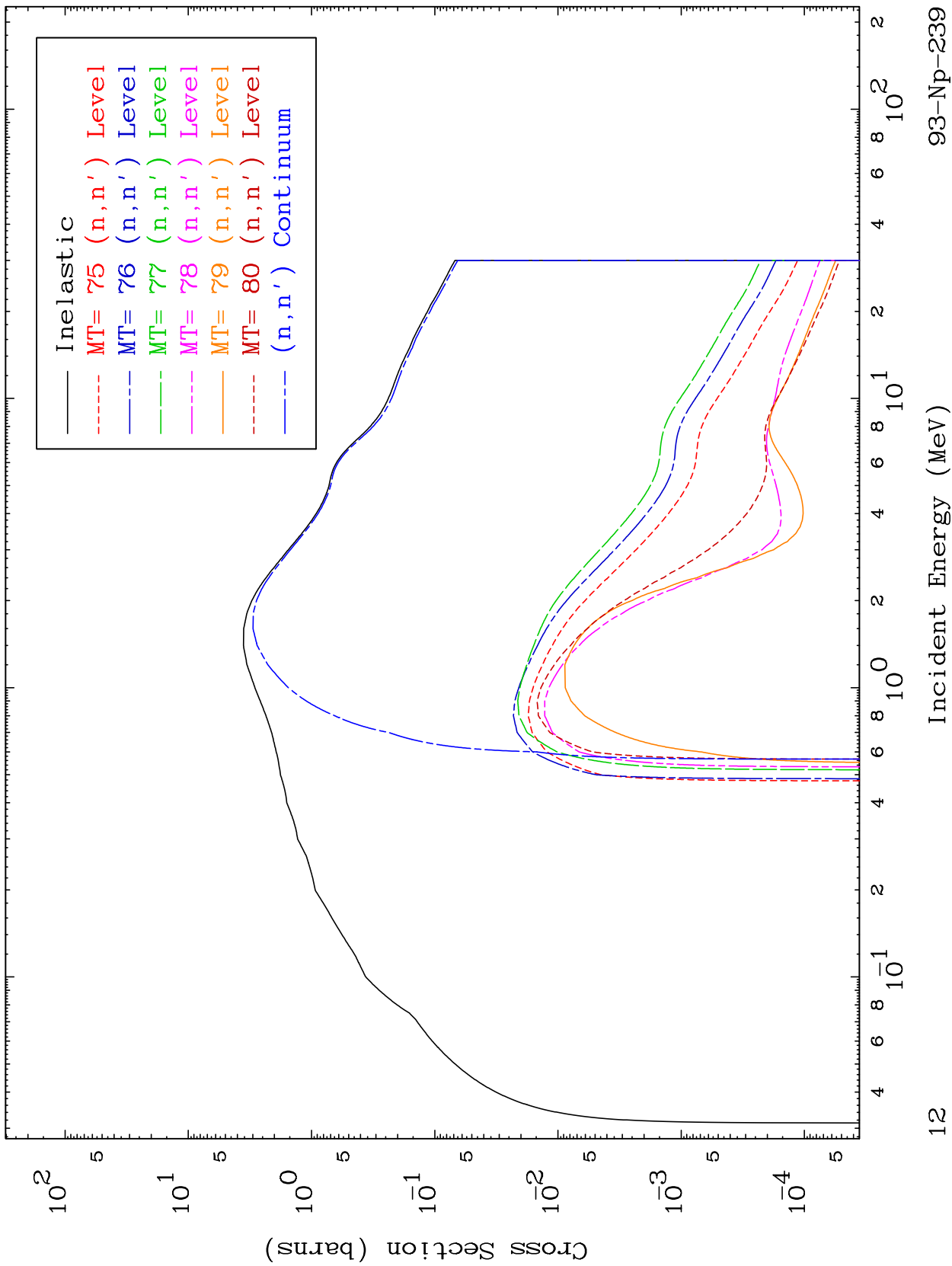
(n,n') Levels
293 Kelvin Cross Sections

93-Np-239



10

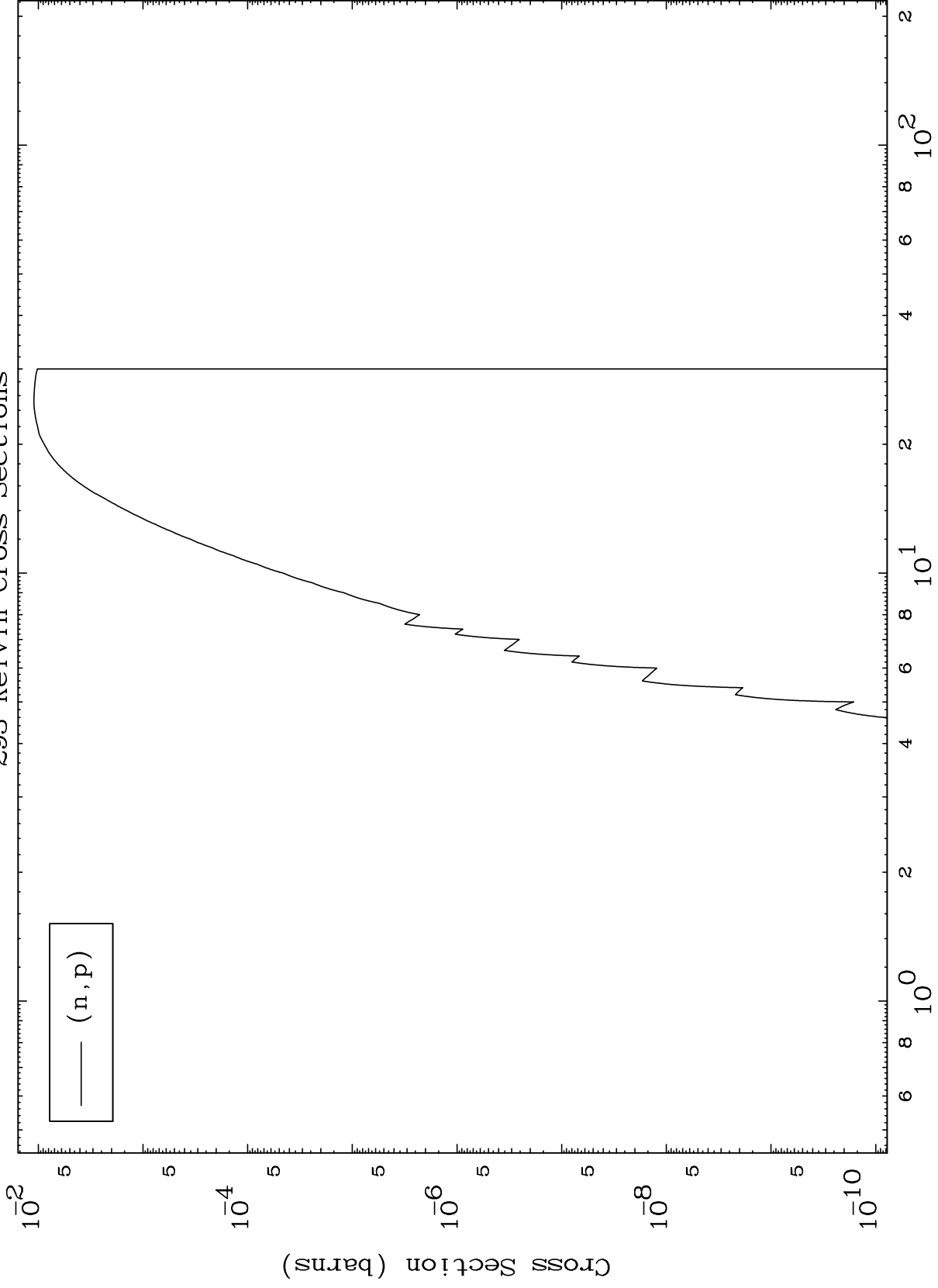




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(n,p) Levels
293 Kelvin Cross Sections

93-Np-239



13

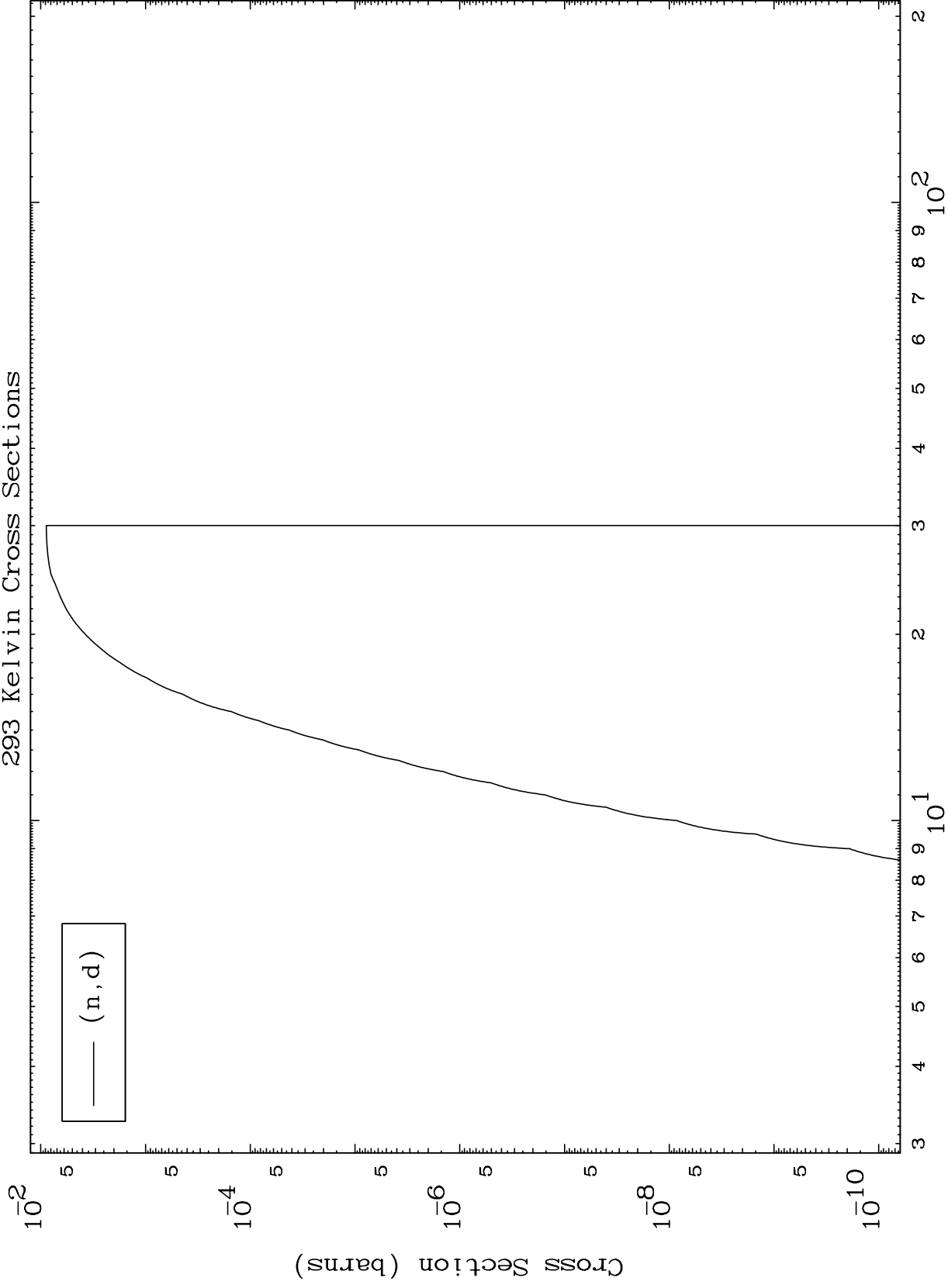
Incident Energy (MeV)

93-Np-239

MAT 9352

(n,d) Levels
293 Kelvin Cross Sections

93-Np-239



14

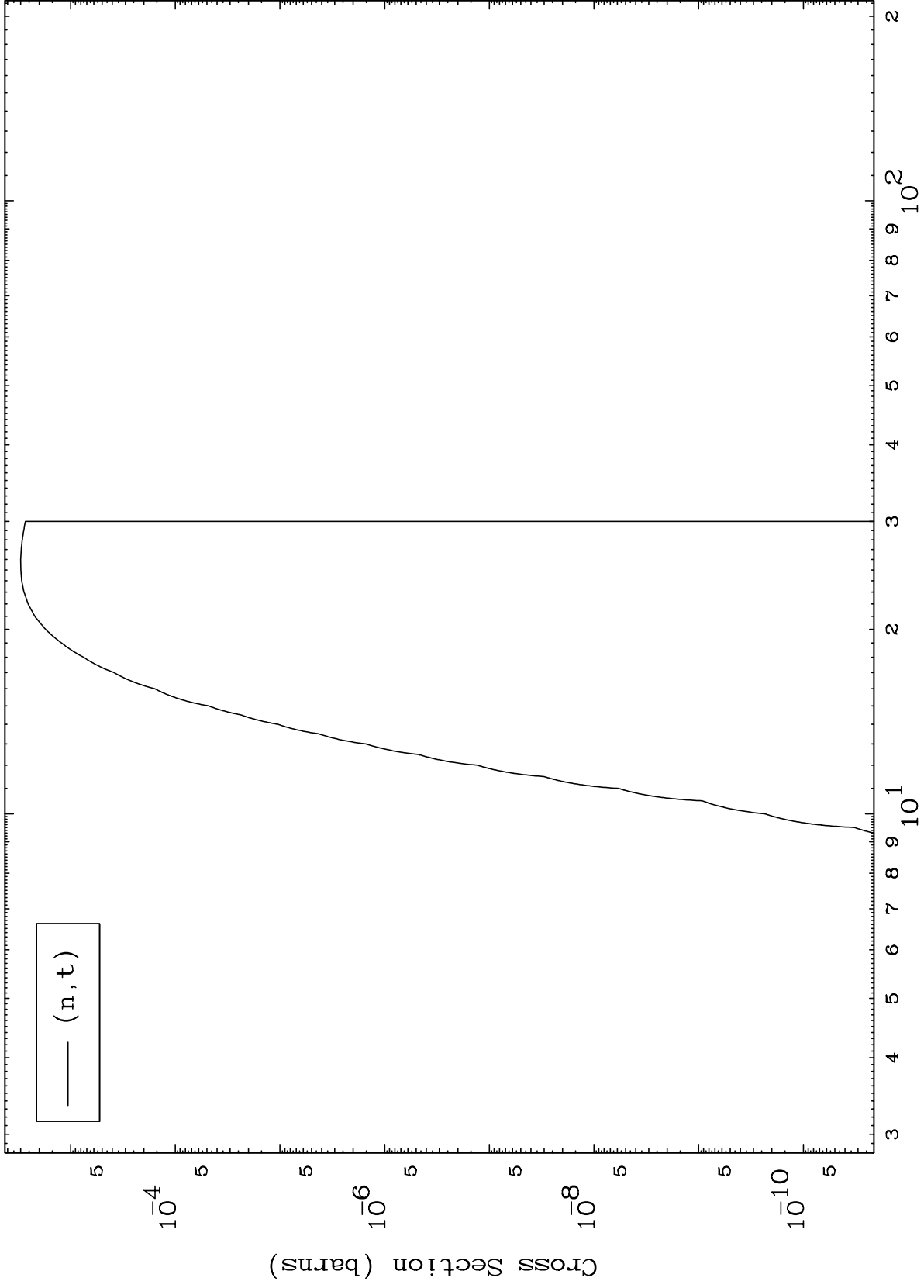
Incident Energy (MeV)

93-Np-239

MAT 9352

(n,t) Levels
293 Kelvin Cross Sections

93-Np-239



15

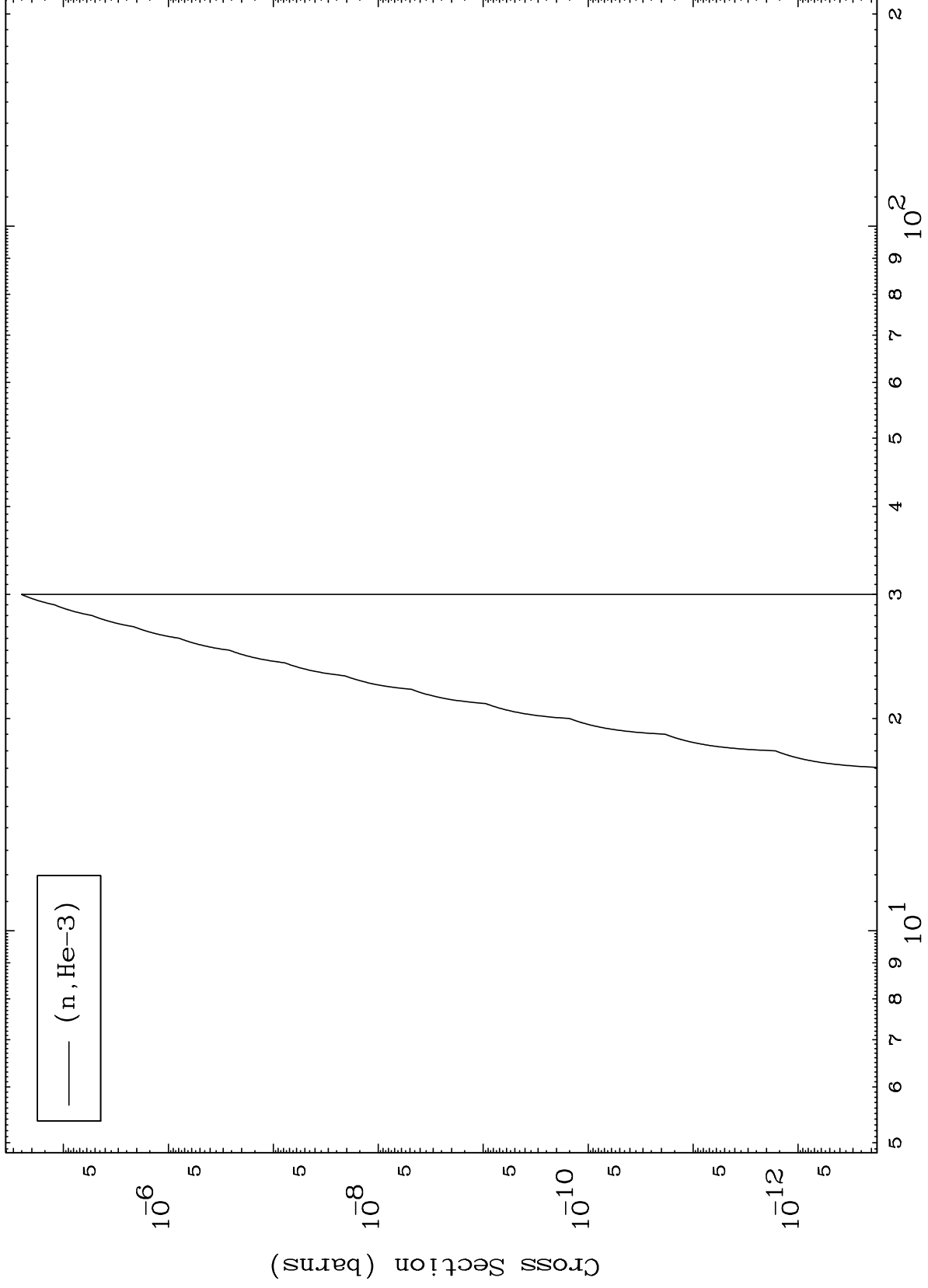
Incident Energy (MeV)

93-Np-239

MAT 9352

(n,He3) Levels
293 Kelvin Cross Sections

93-Np-239



16

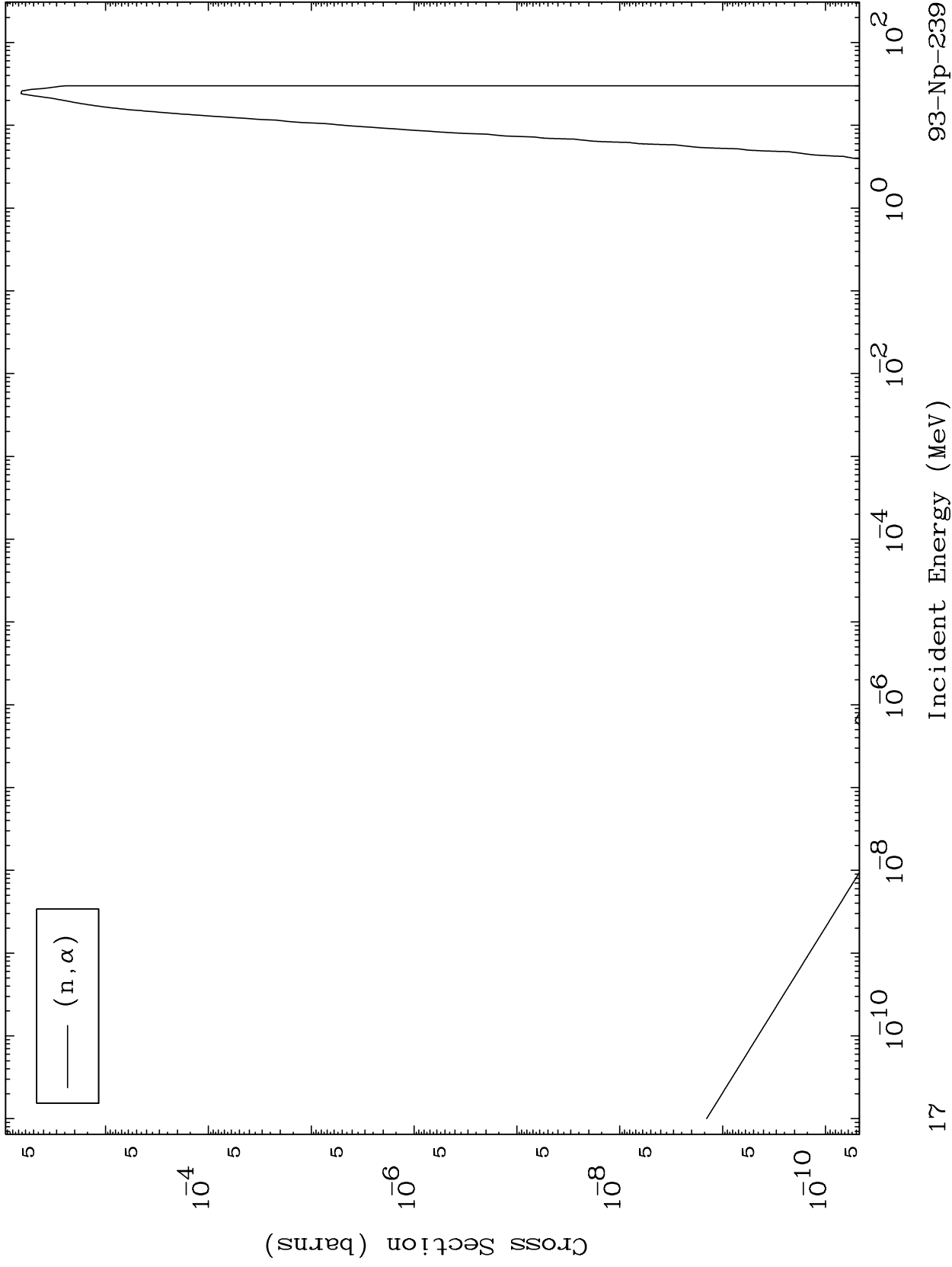
Incident Energy (MeV)

93-Np-239

MAT 9352

(n, α) Levels
293 Kelvin Cross Sections

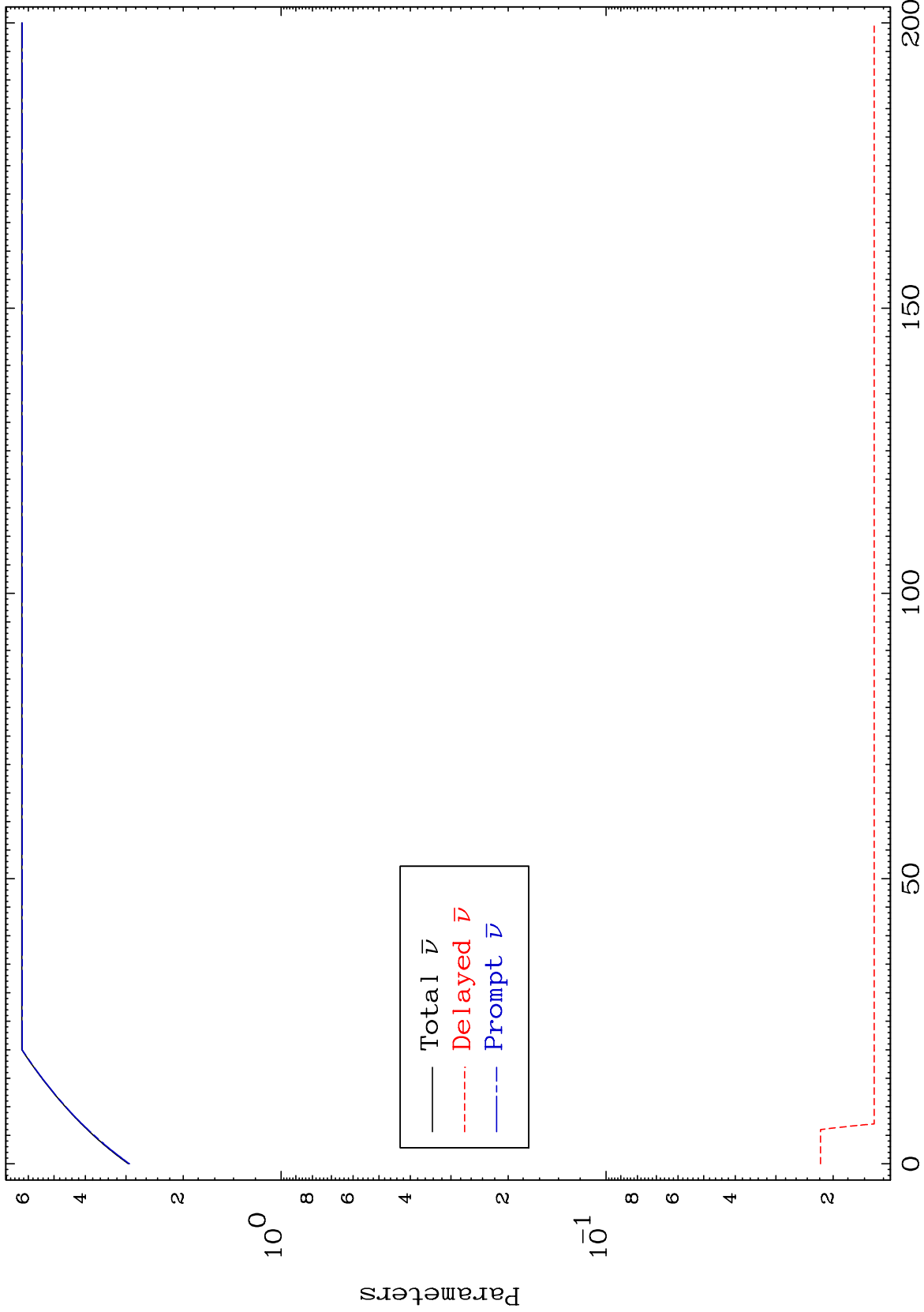
93-Np-239



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Energy Release
Parameters

93-Np-239



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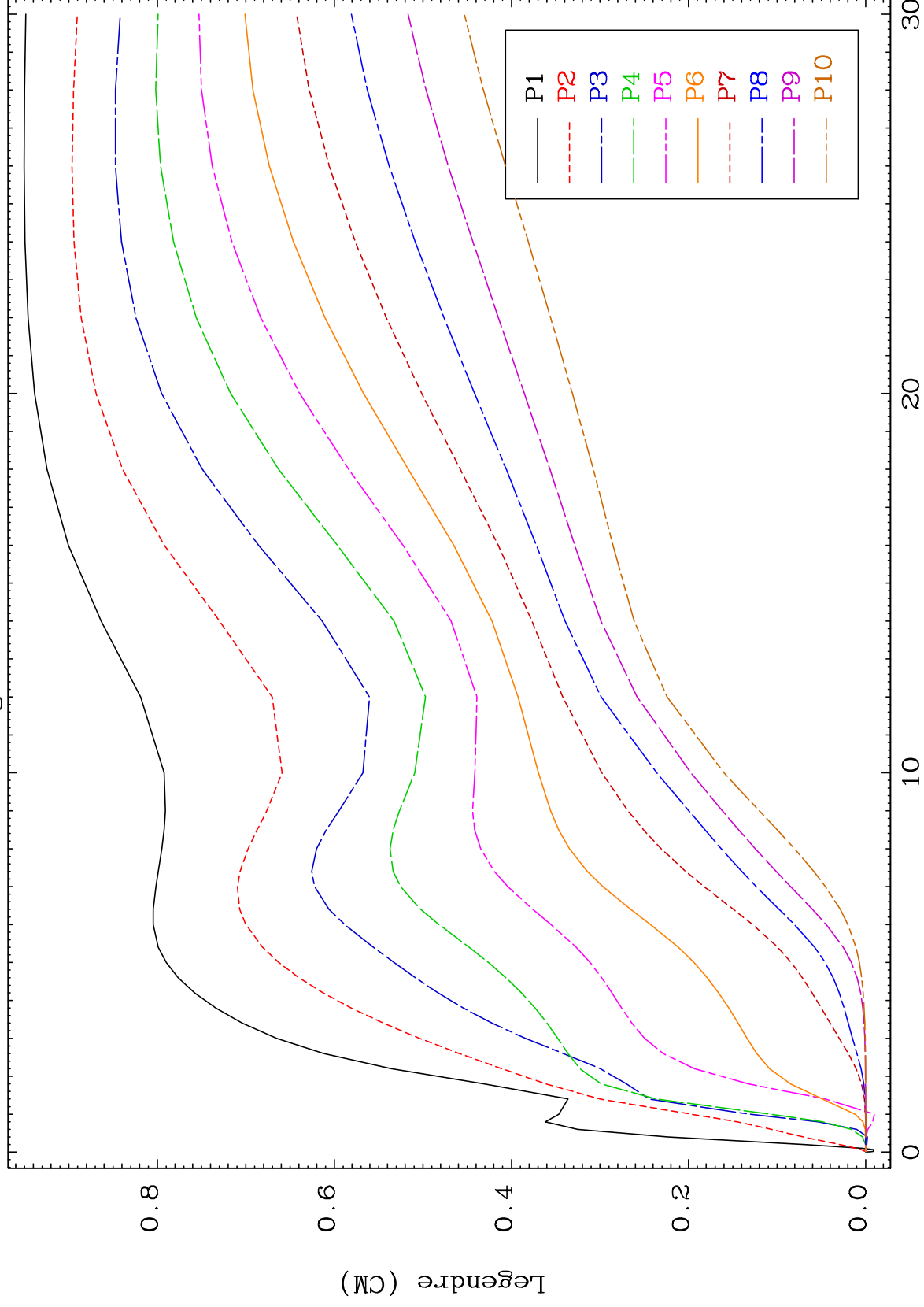
Incident Energy (MeV)

93-Np-239

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Elastic Legendre Coefficients

⁹³Np-239



19

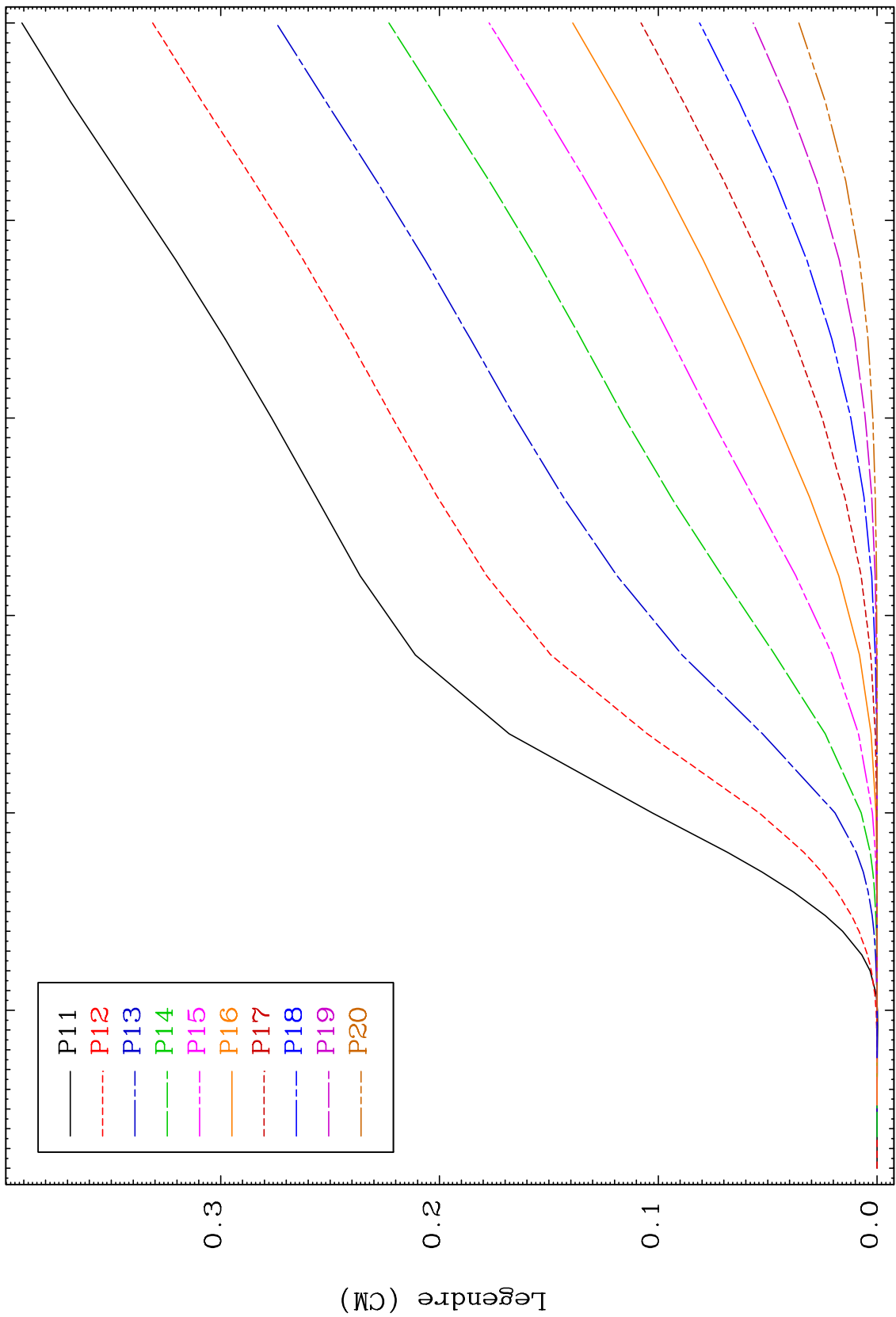
Incident Energy (MeV)

⁹³Np-239

MAT 9352

Elastic Legendre Coefficients

93-Np-239



20

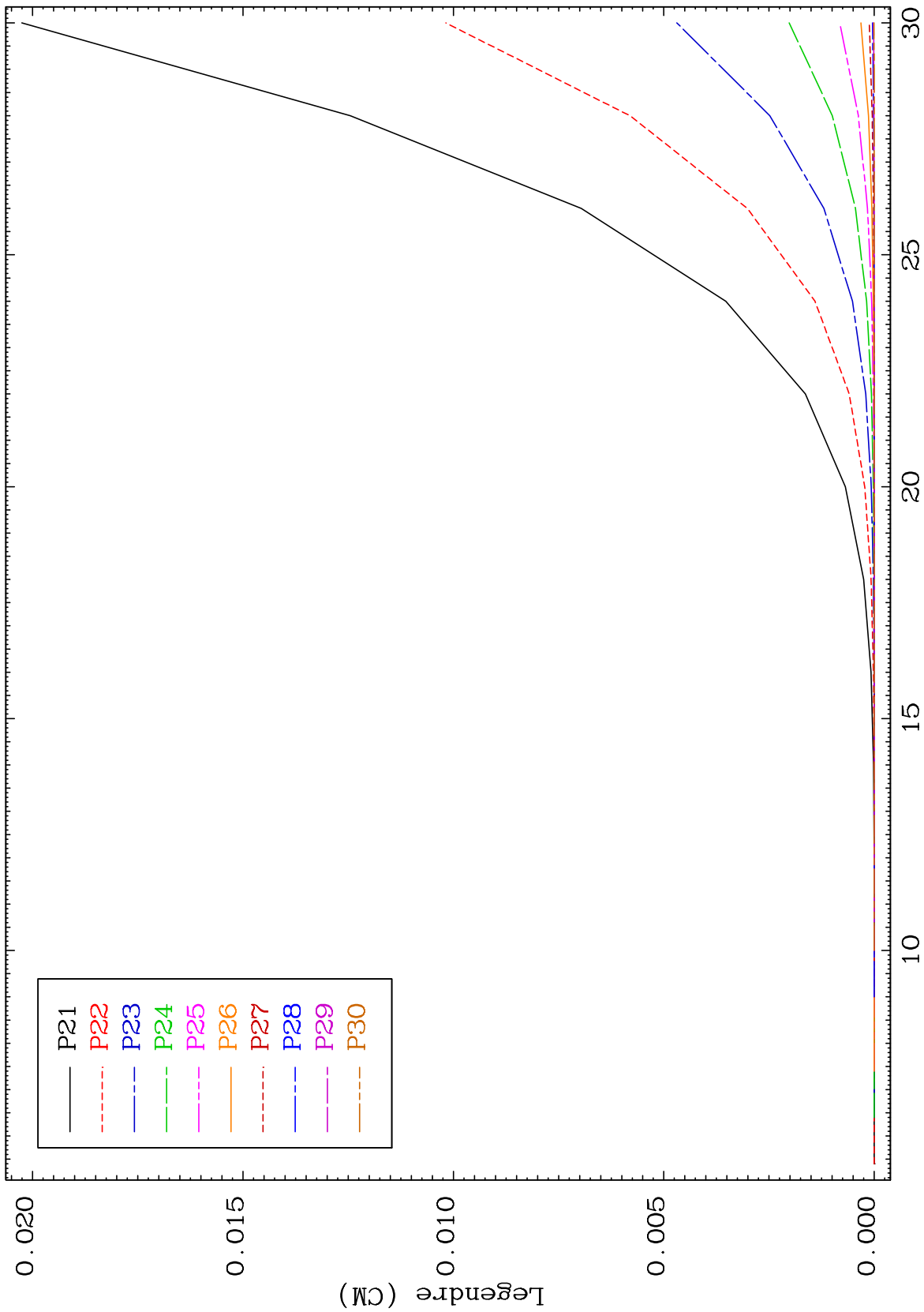
Incident Energy (MeV)

93-Np-239

MAT 9352

Elastic Legendre Coefficients

93-Np-239



21

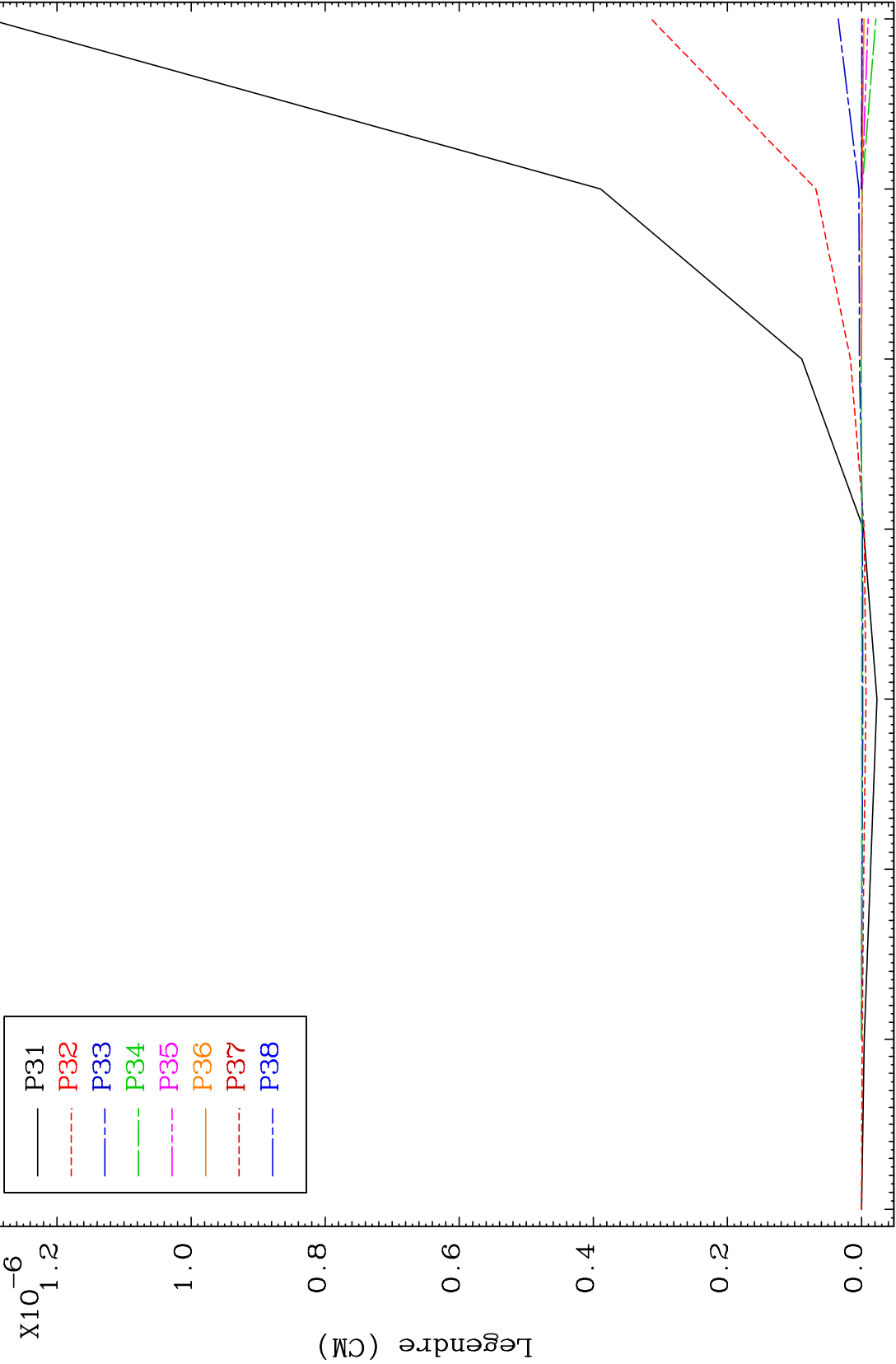
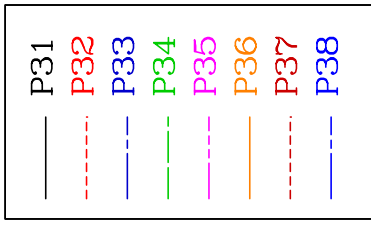
Incident Energy (MeV)

93-Np-239

MAT 9352

Elastic Legendre Coefficients

93-Np-239



93-Np-239

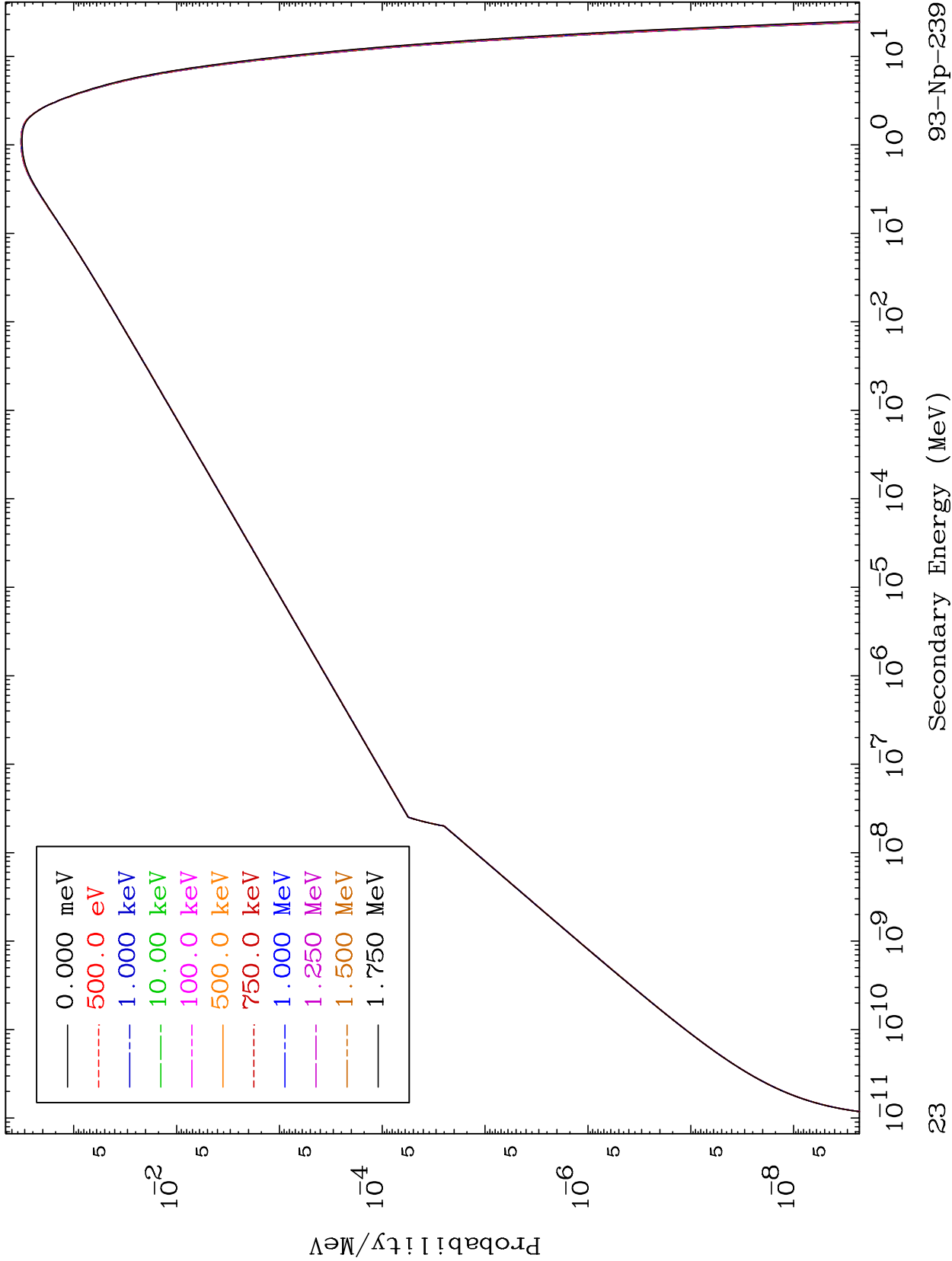
Incident Energy (MeV)

22

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Fission Energy Distributions

93-Np-239

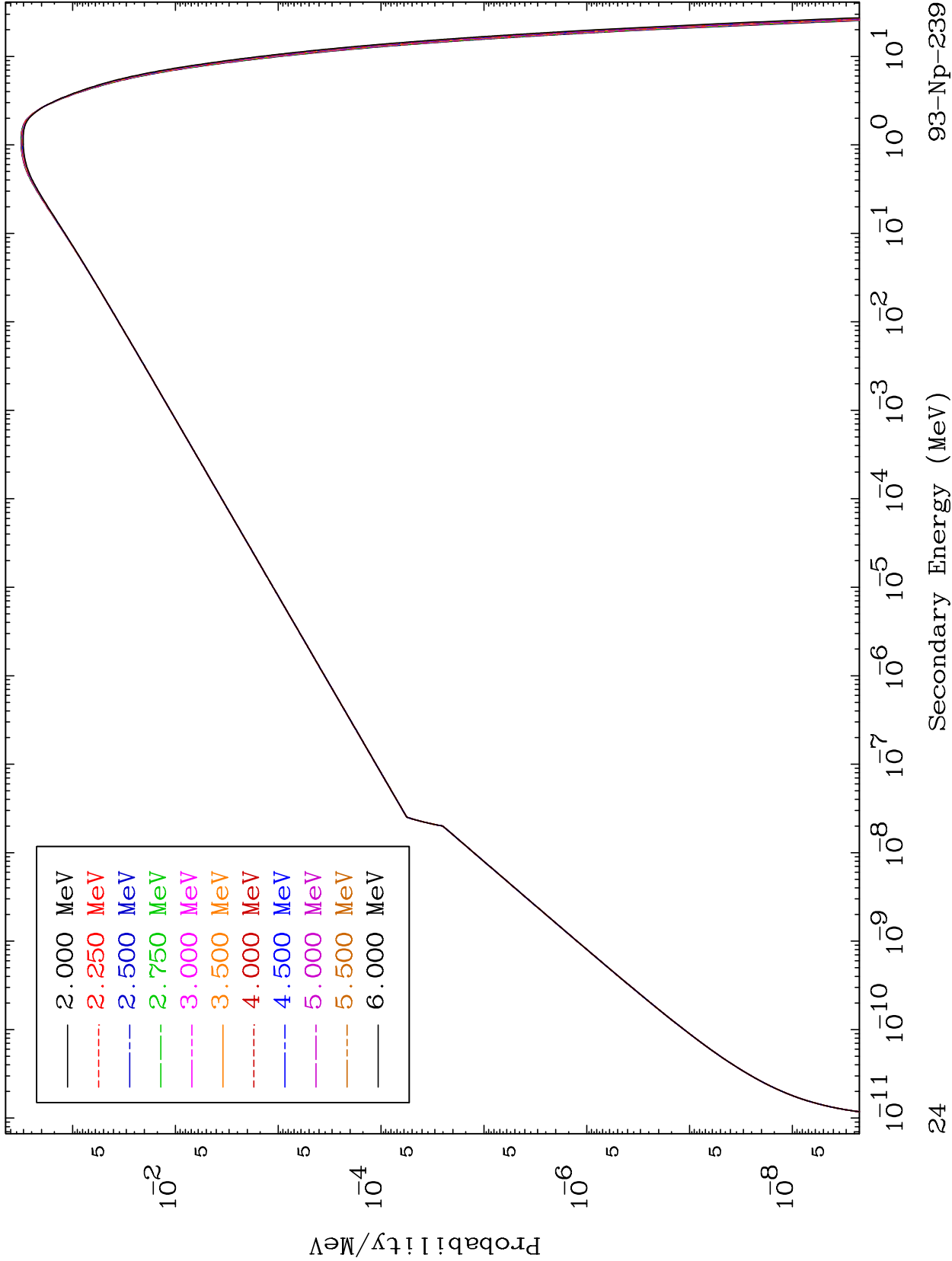


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Fission Energy Distributions

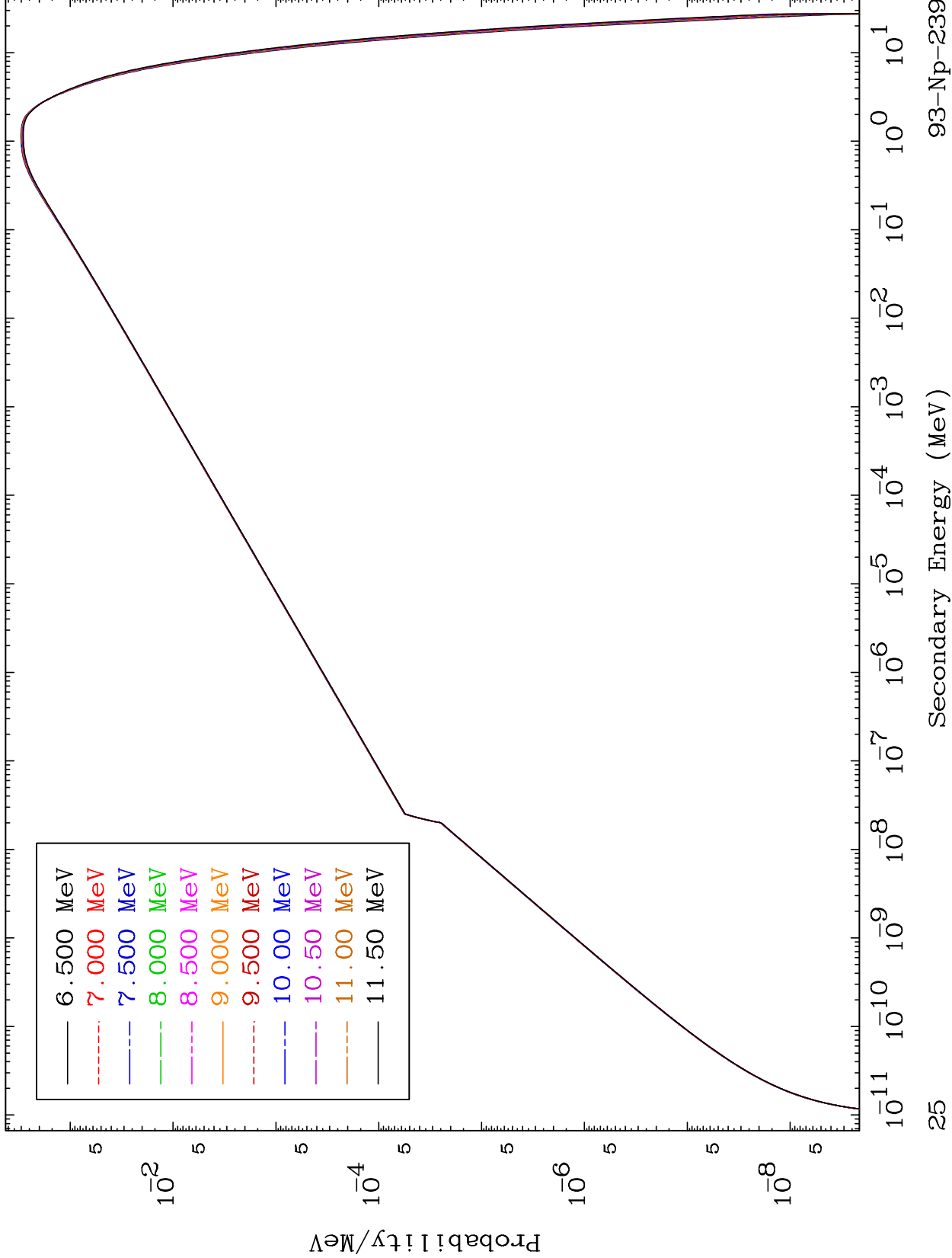
⁹³Np-239



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Fission Energy Distributions

93-Np-239



93-Np-239

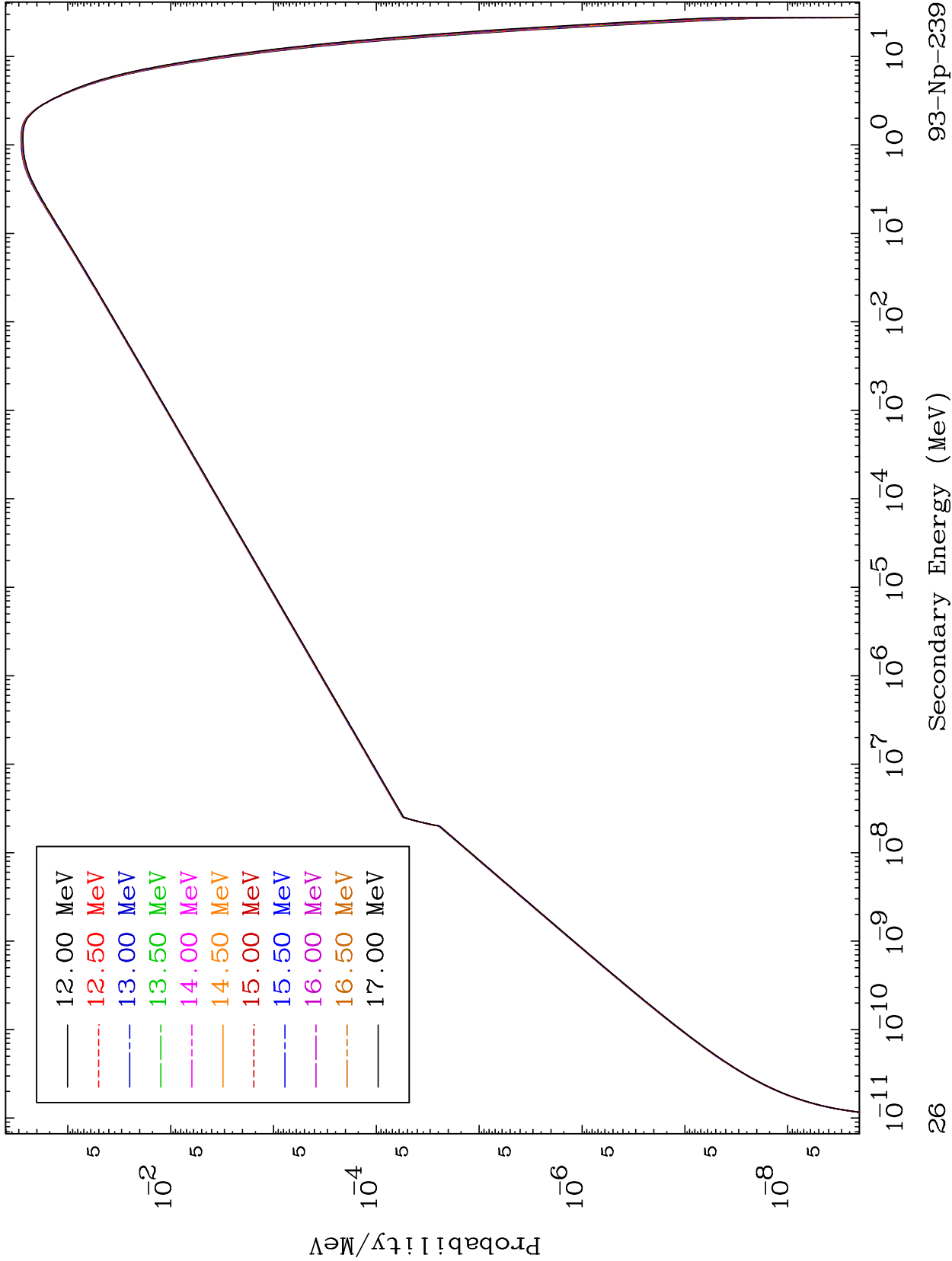
Secondary Energy (MeV)

25

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Fission Energy Distributions

93-Np-239



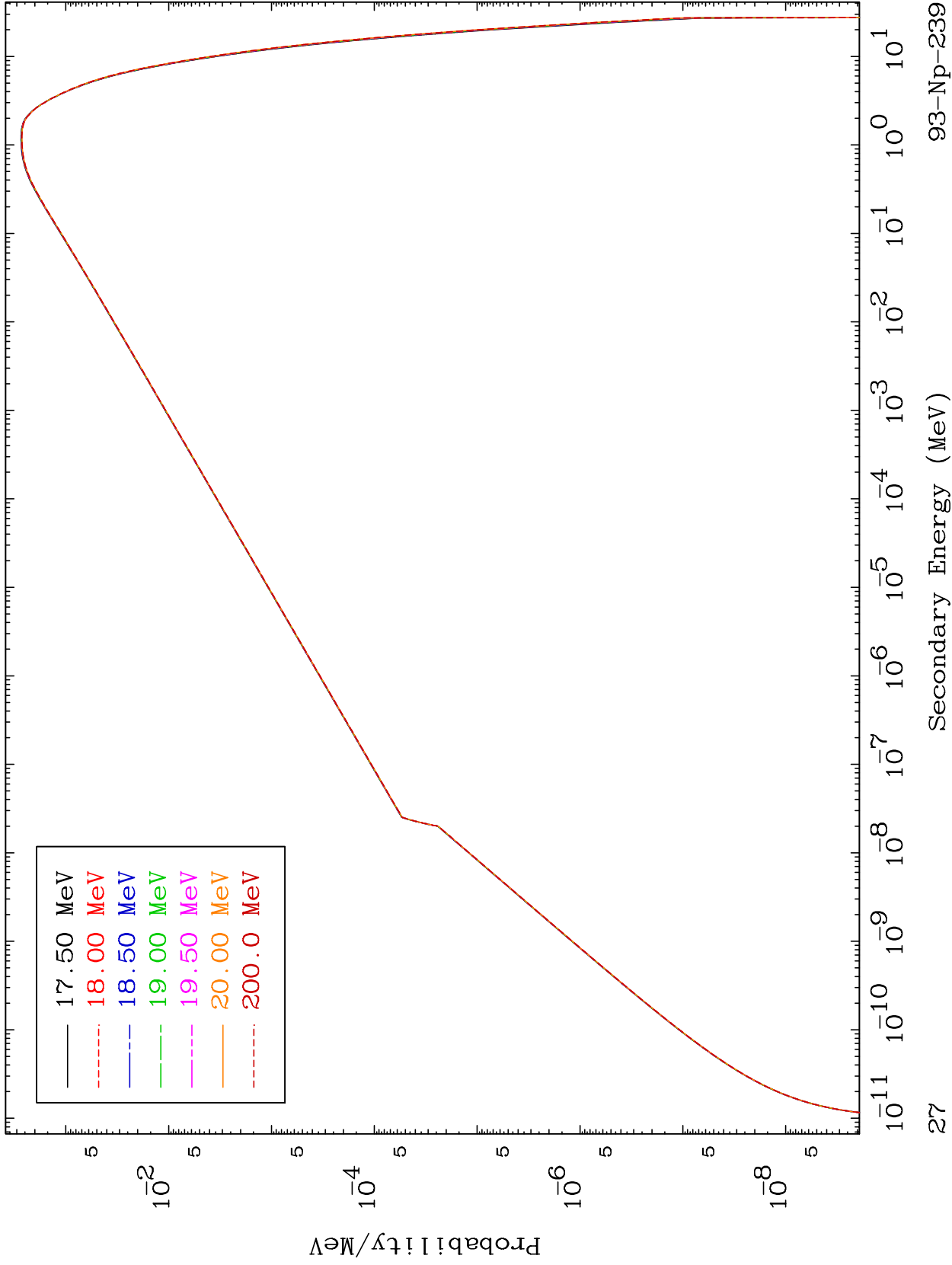
26

93-Np-239

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Fission Energy Distributions

93-Np-239

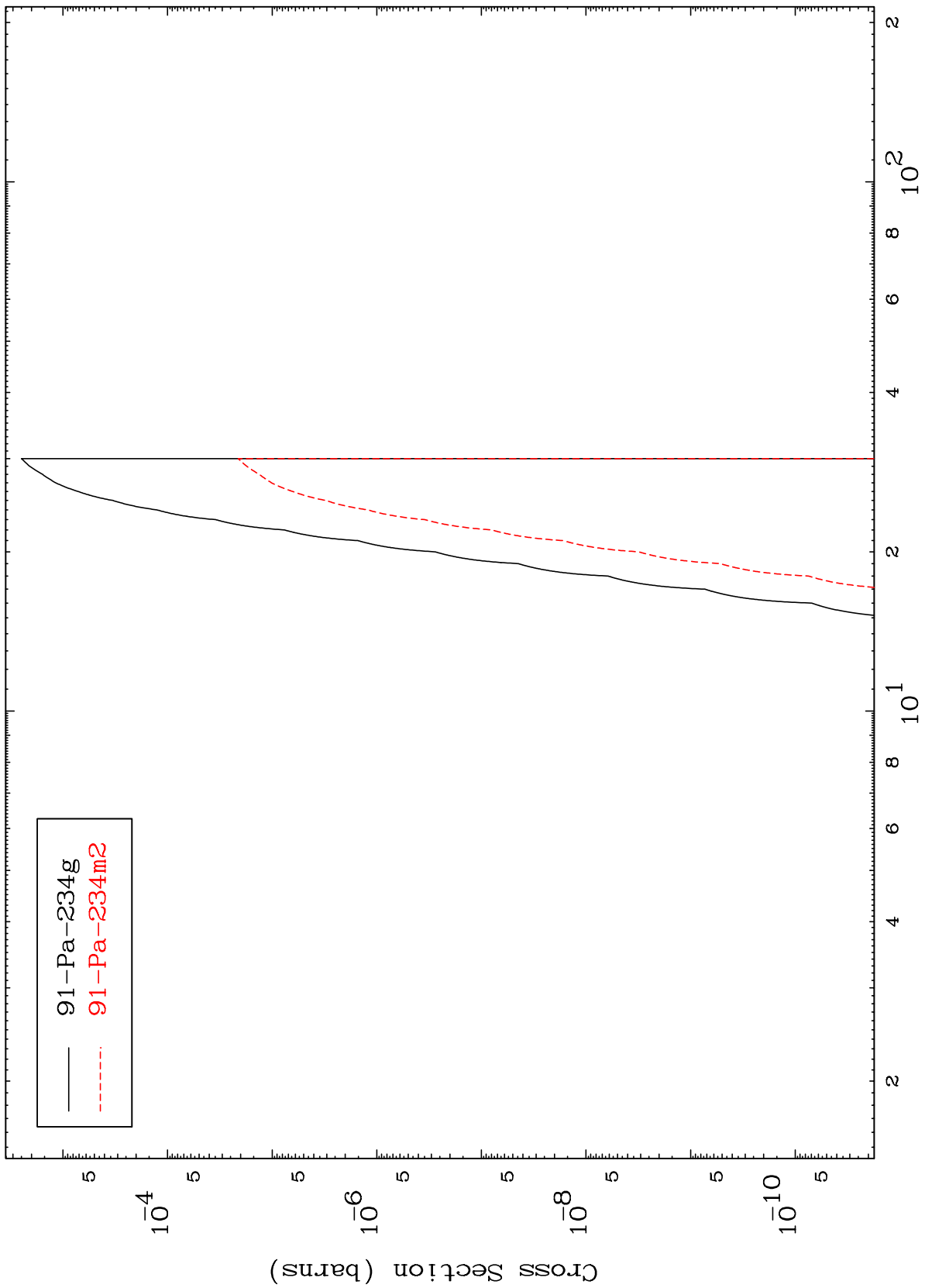


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(n,2n) α

93-Np-239

Radionuclide Production Cross Section



28

Incident Energy (MeV)

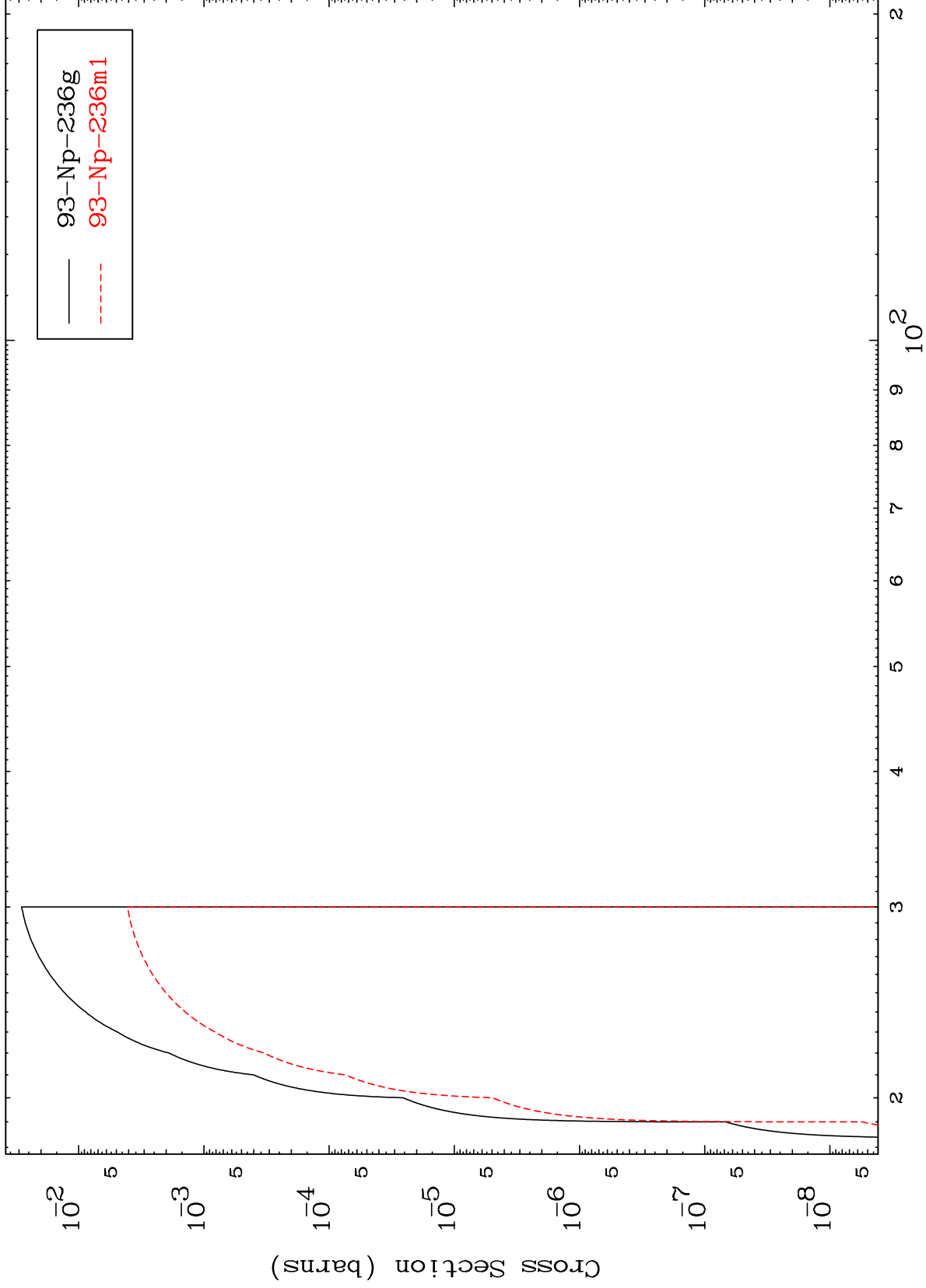
93-Np-239

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(n,4n)

93-Np-239

Radionuclide Production Cross Section



29

Incident Energy (MeV)

93-Np-239

MAT 9352

93-Np-239

(n, γ)
Radionuclide Production Cross Section

