

Program EVALPLOT
(Version 2021-1)

by

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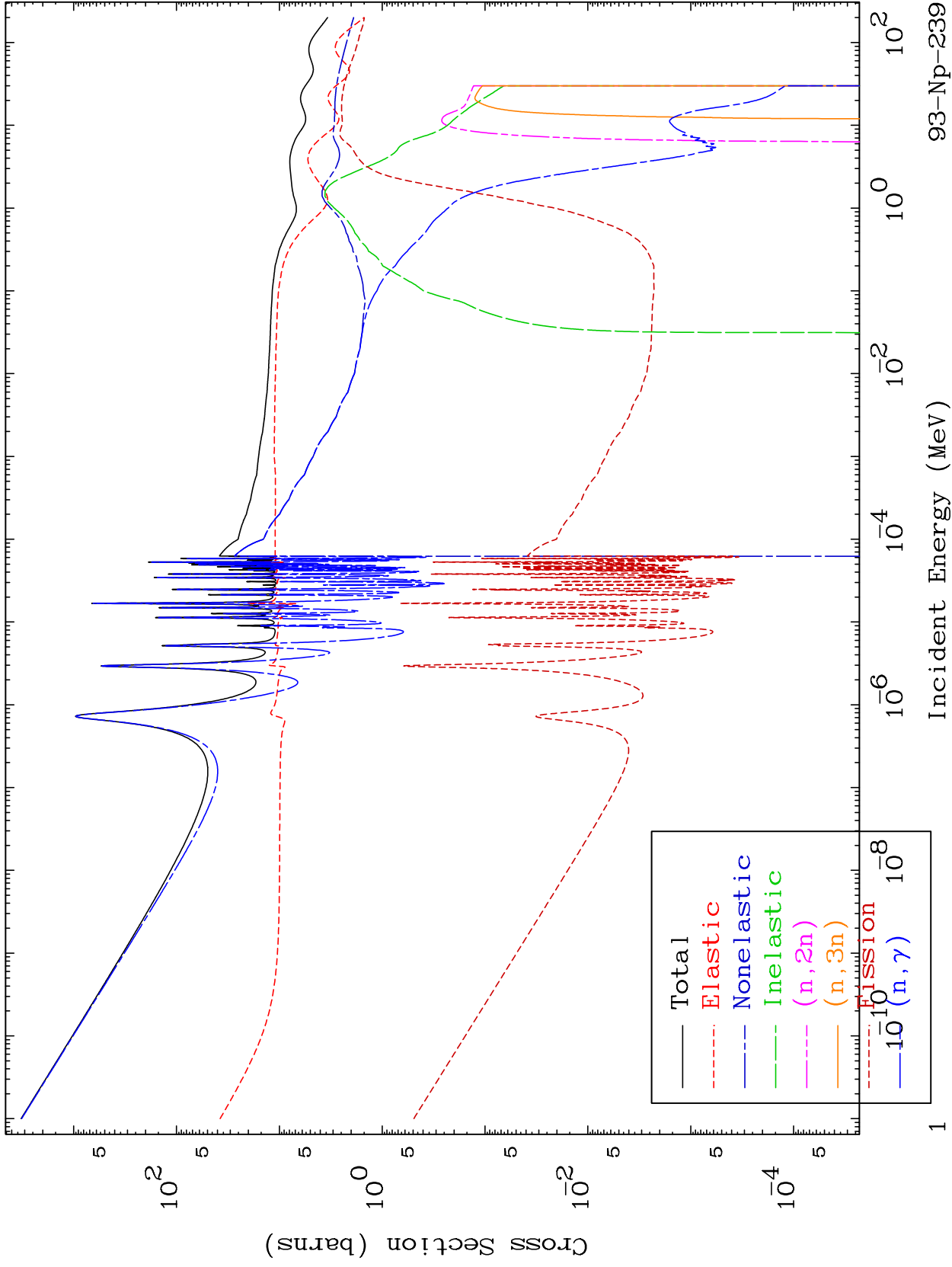
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9352

Neutron Major
293 Kelvin Cross Sections

93-Np-239

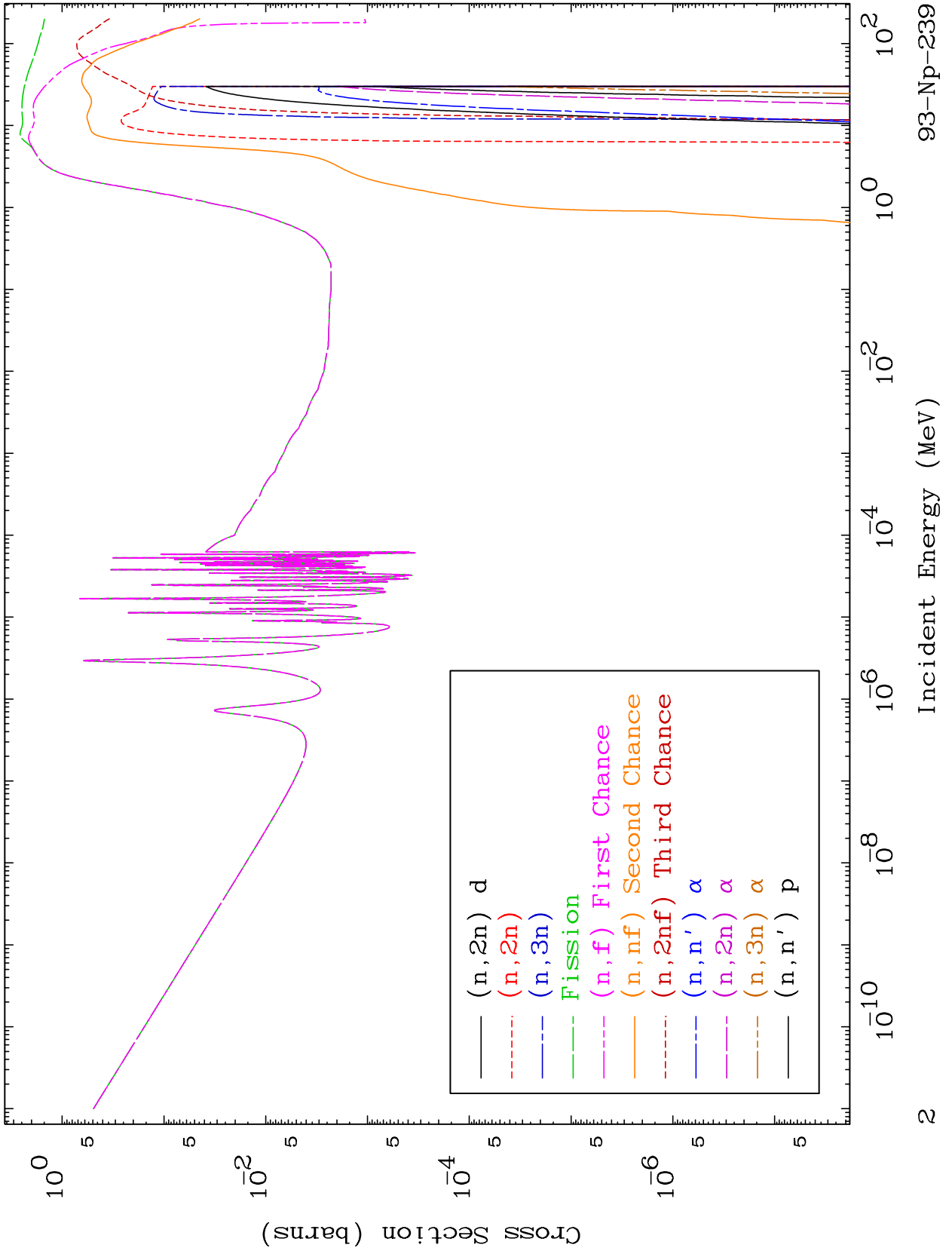


93-Np-239

MAT 9352

Neutron Absorption
293 Kelvin Cross Sections

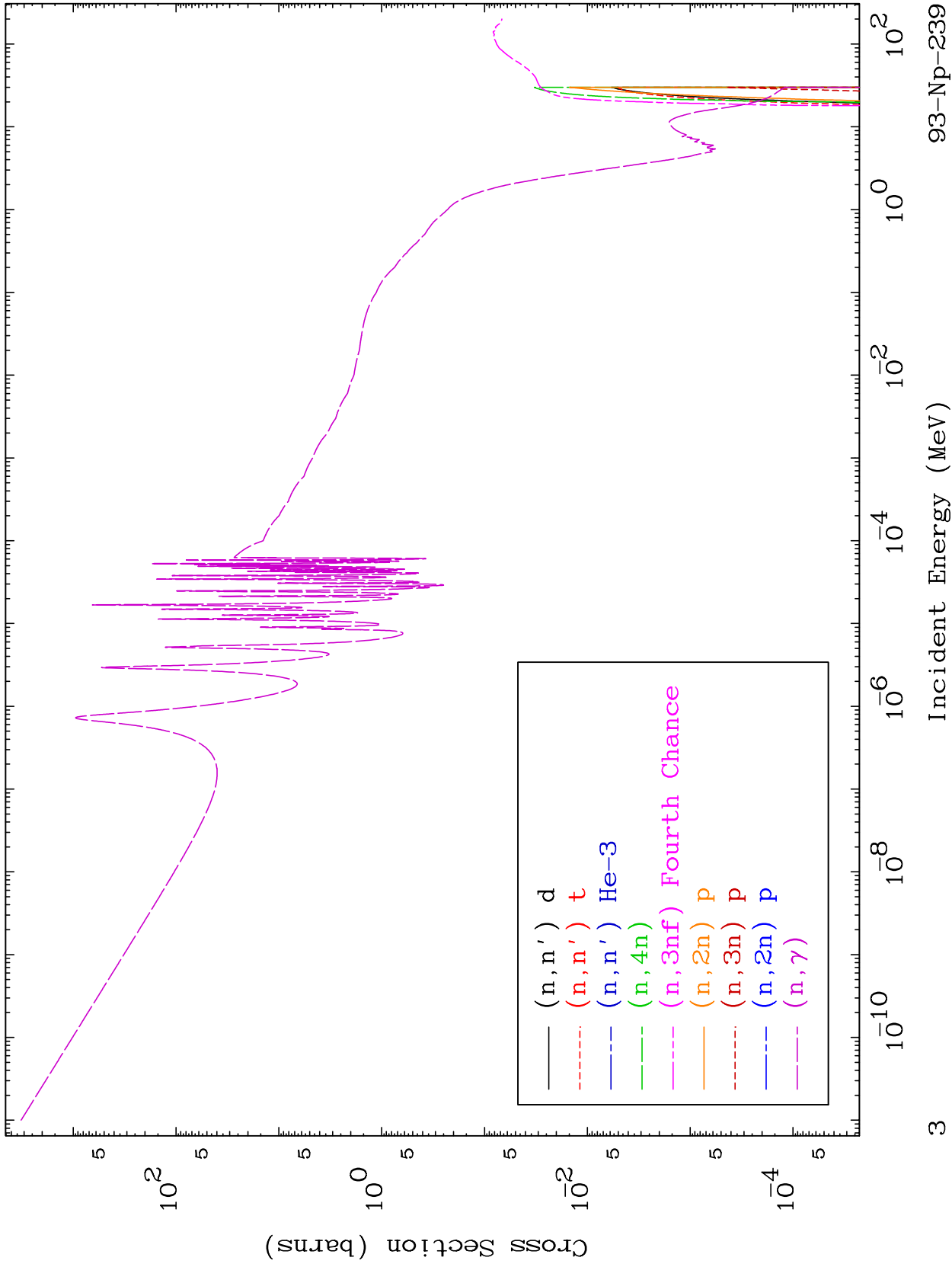
93-Np-239



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Neutron Absorption
293 Kelvin Cross Sections

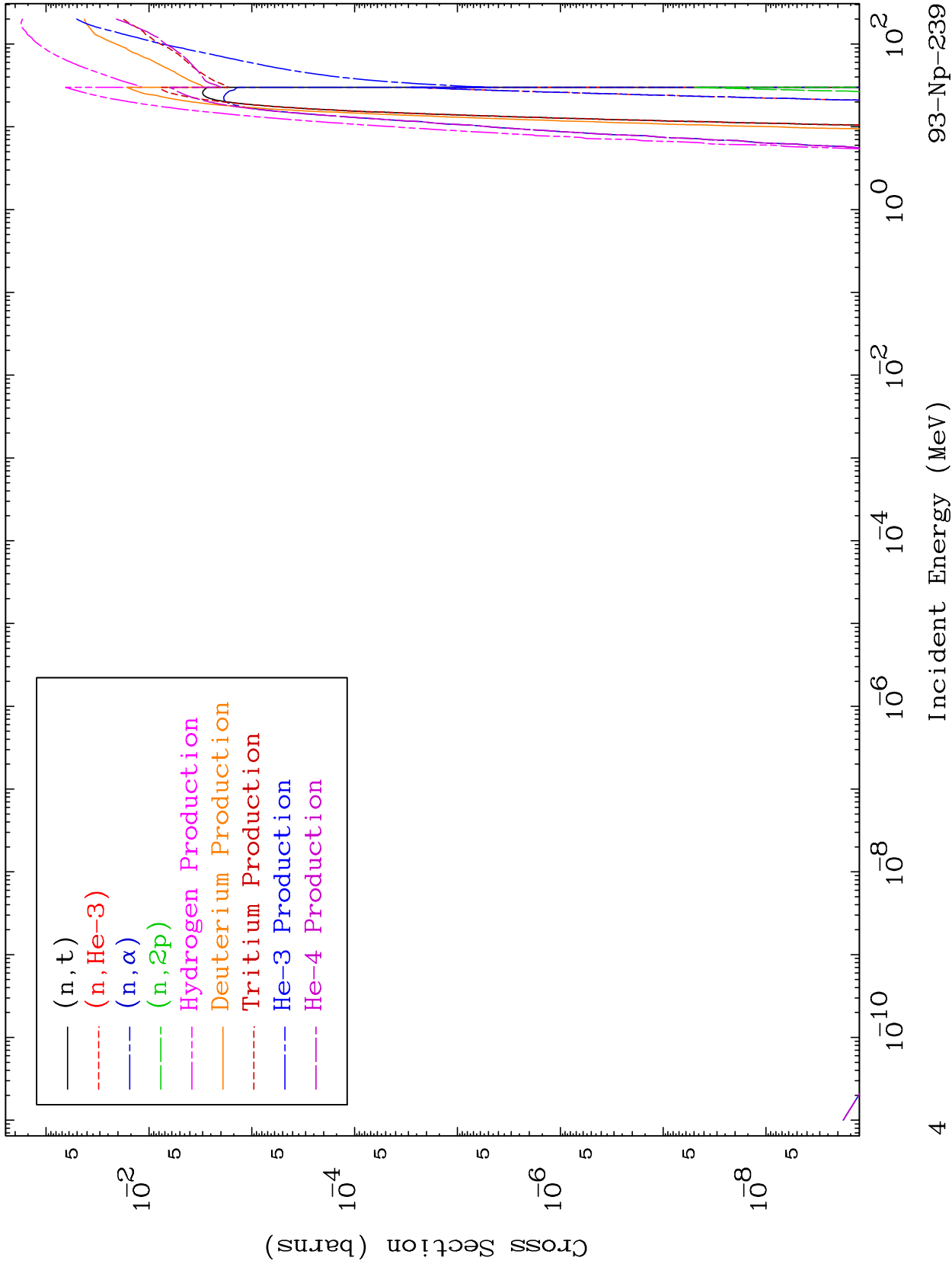
93-Np-239



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Neutron Absorption
293 Kelvin Cross Sections

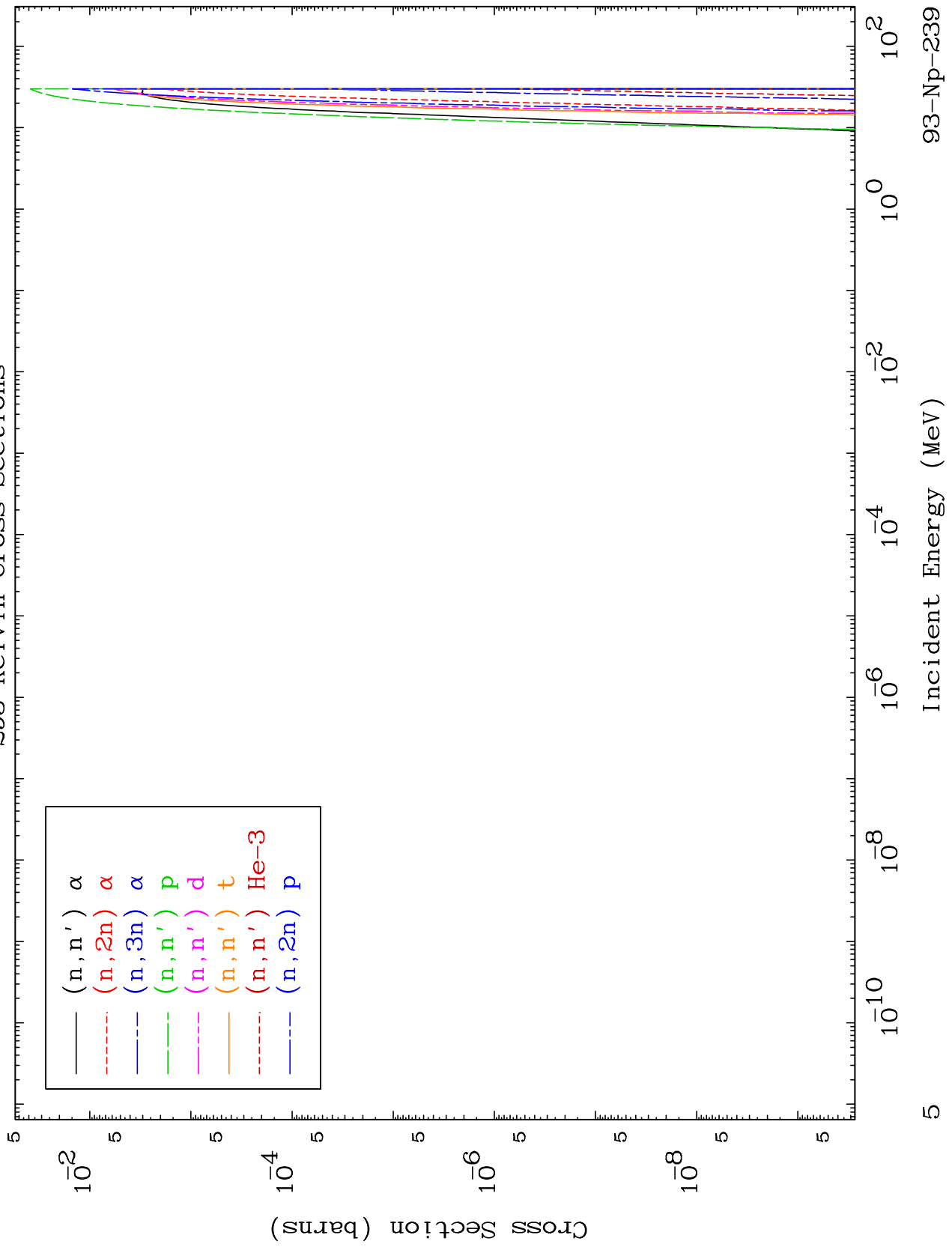
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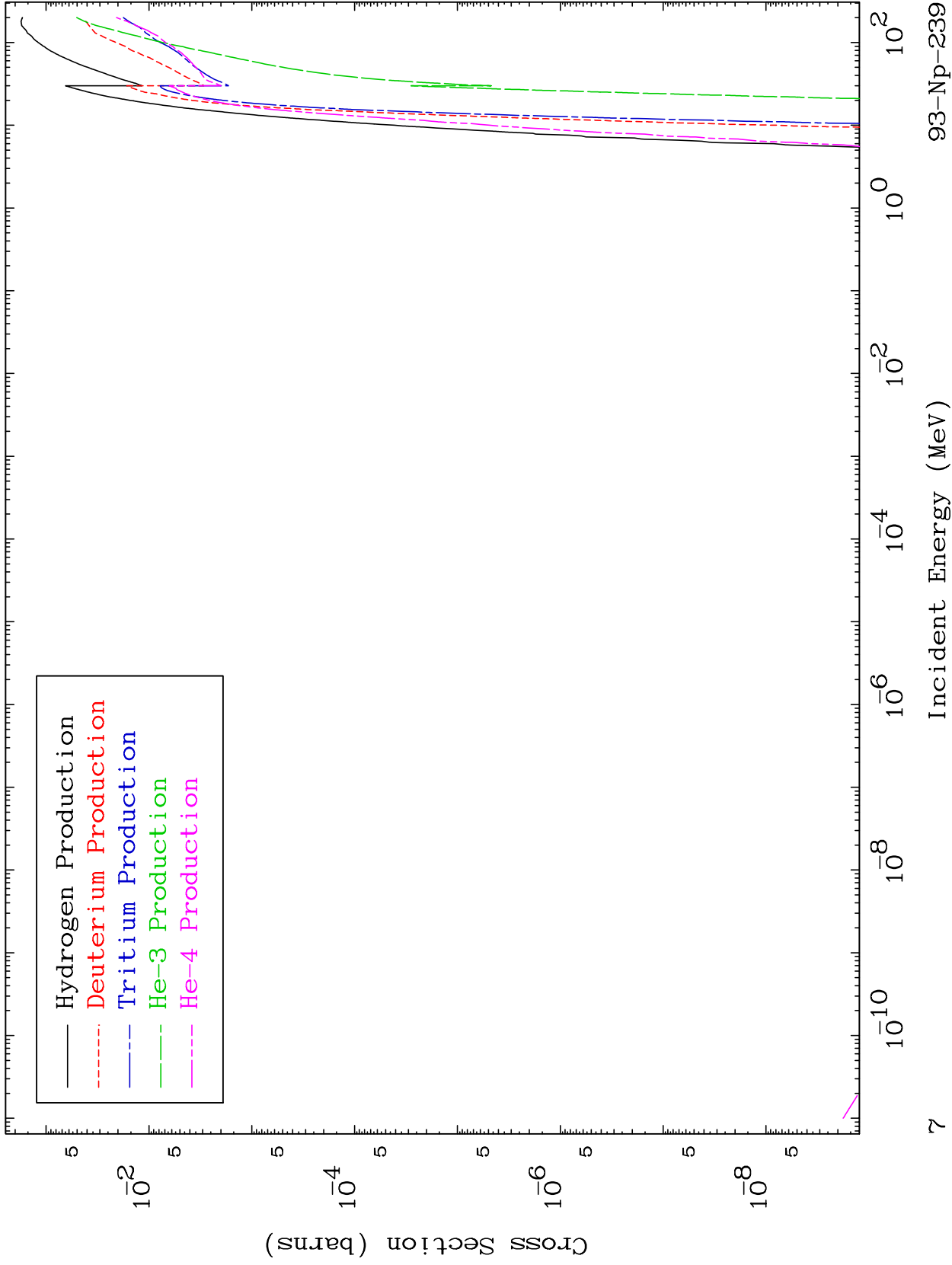


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Charged Particle
293 Kelvin Cross Sections

93-Np-239

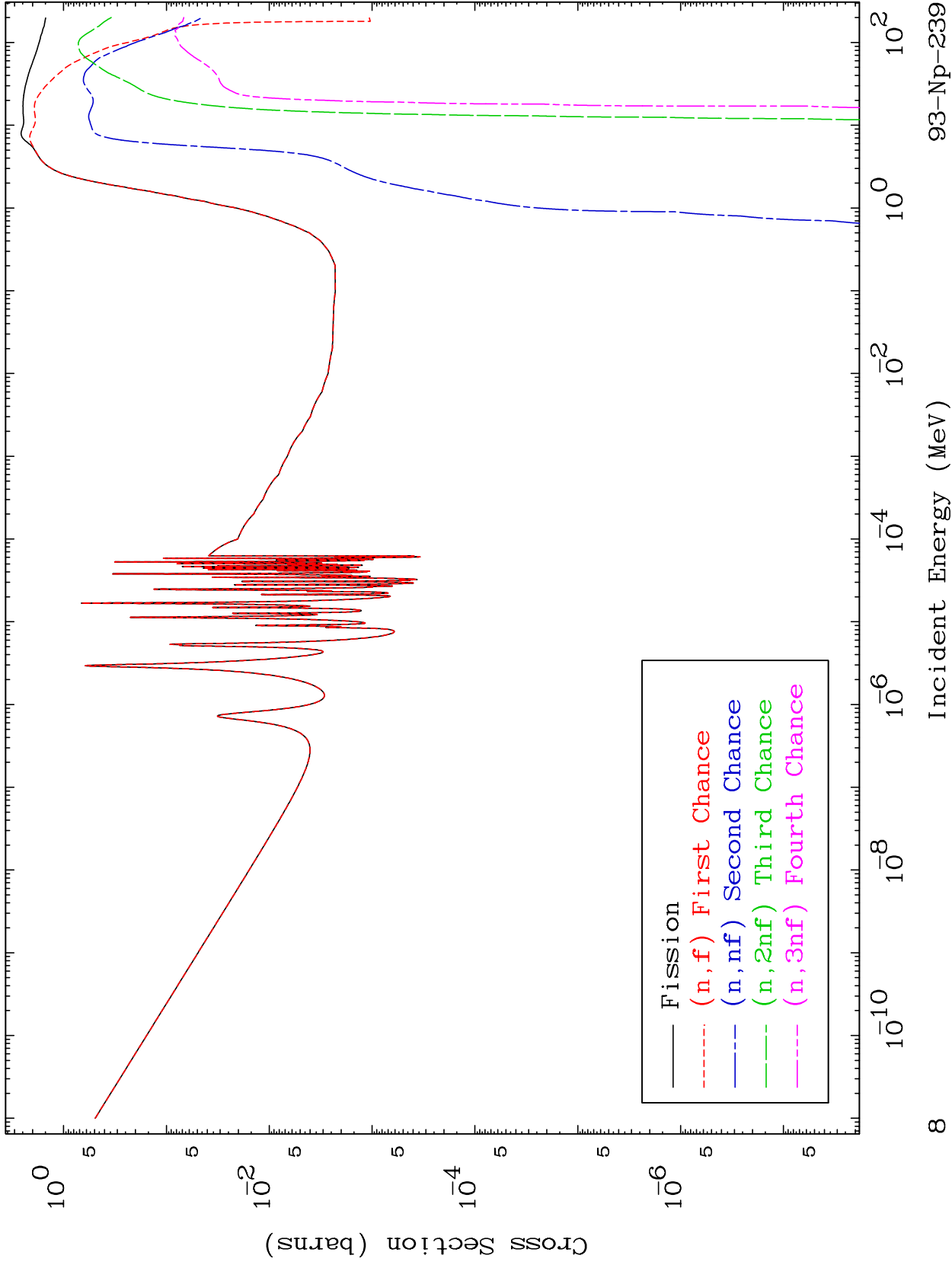


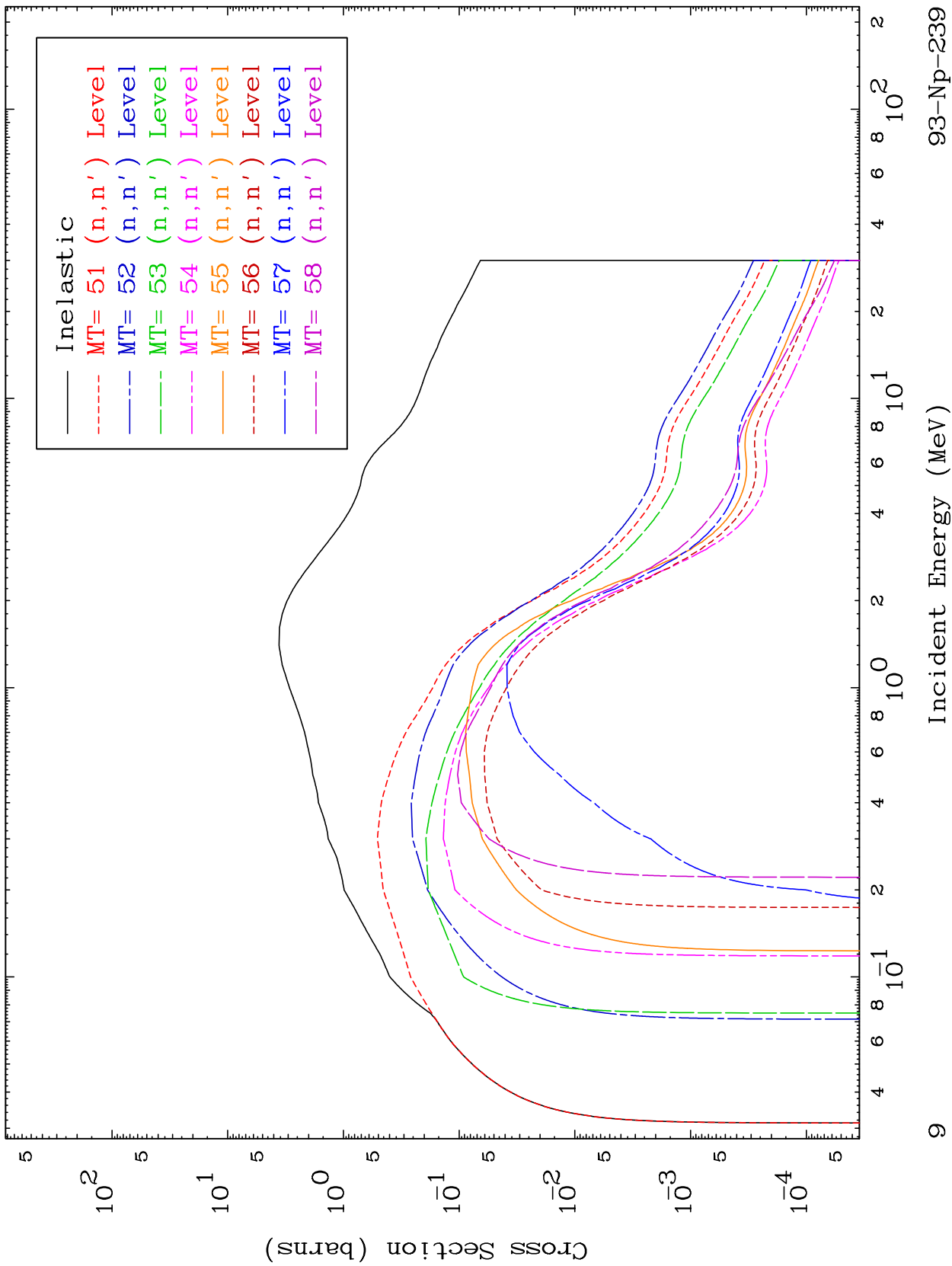


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Fission
293 Kelvin Cross Sections

93-Np-239

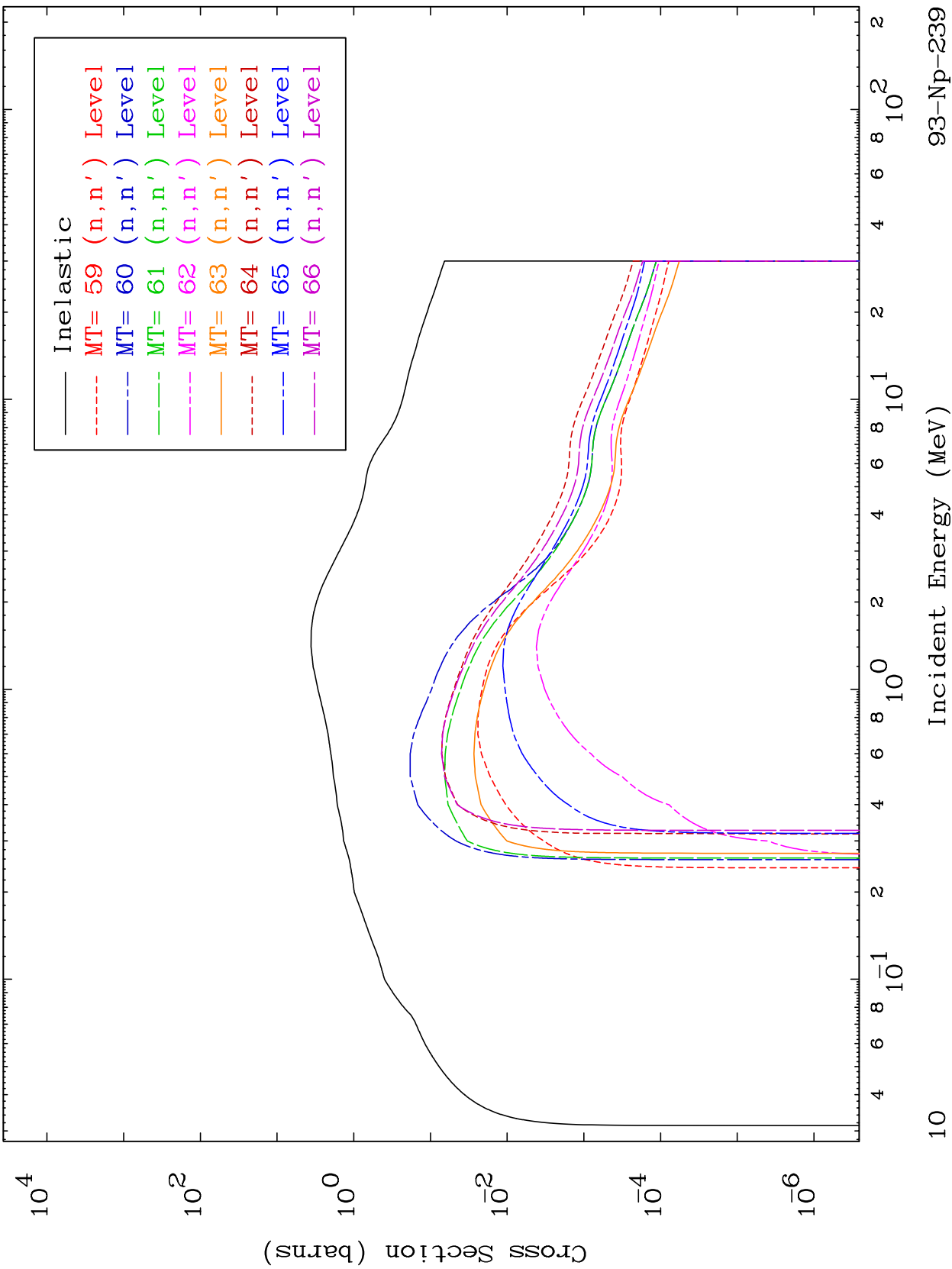




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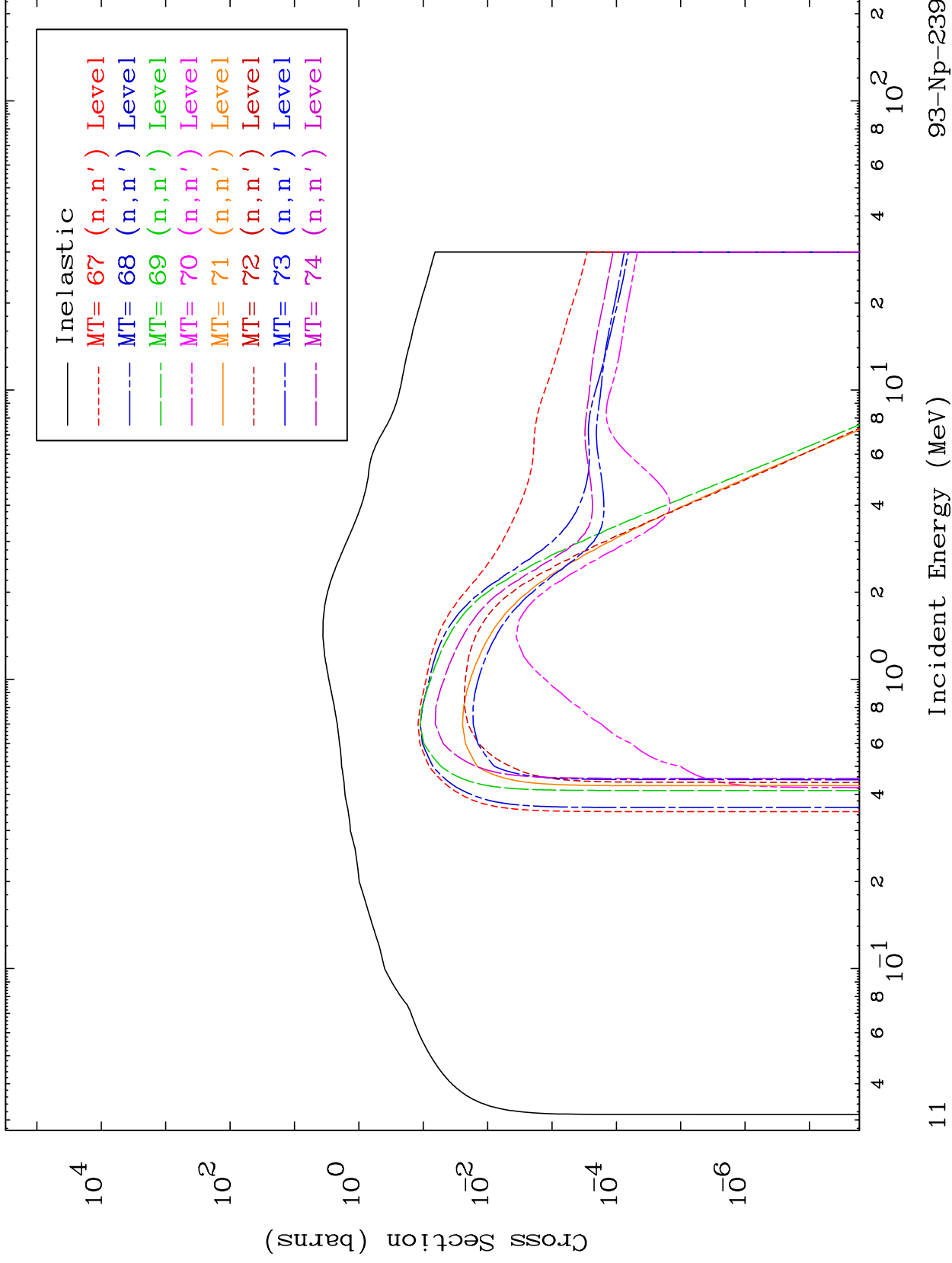
(n,n') Levels
293 Kelvin Cross Sections

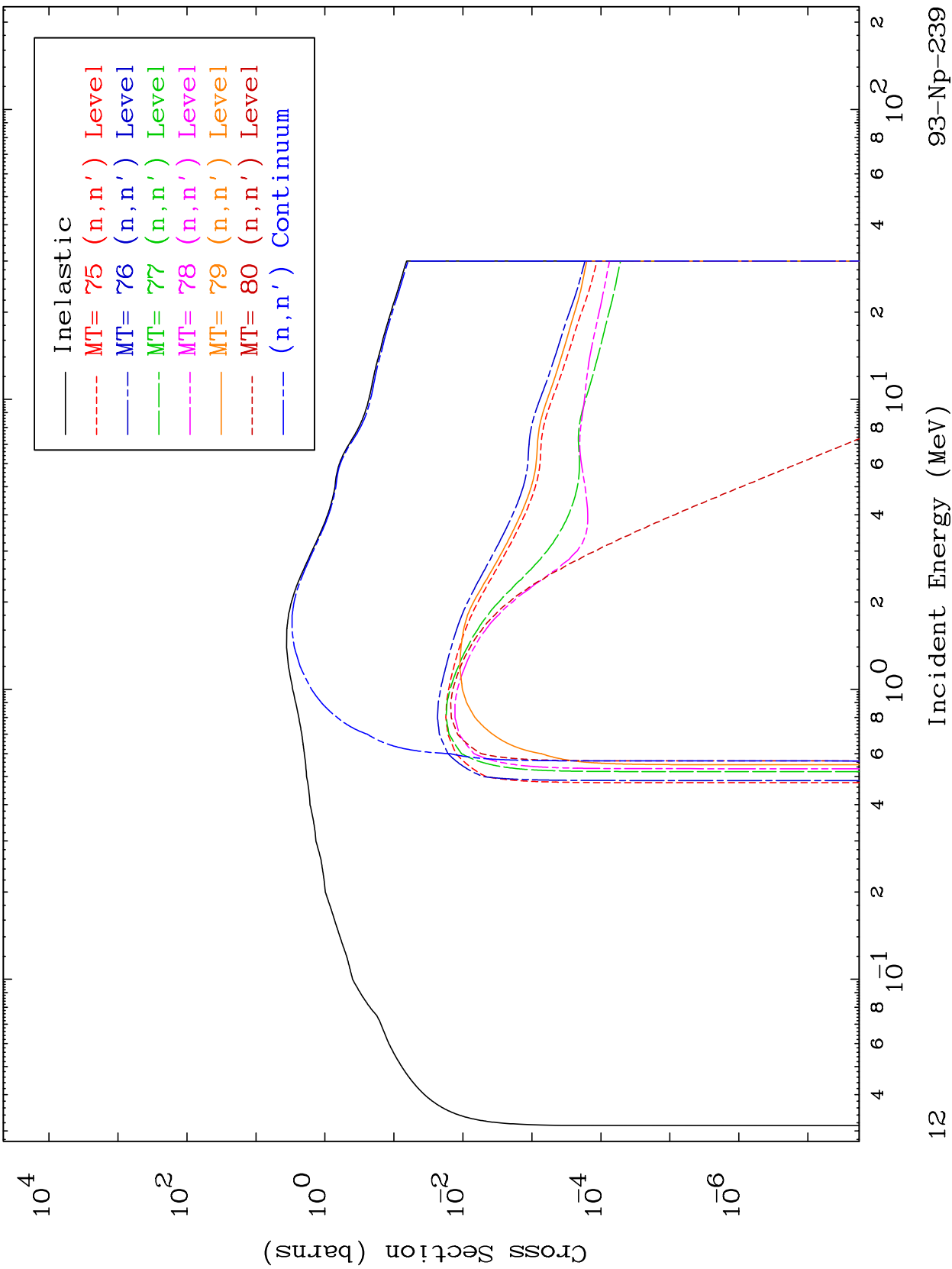
93-Np-239



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93-Np-239

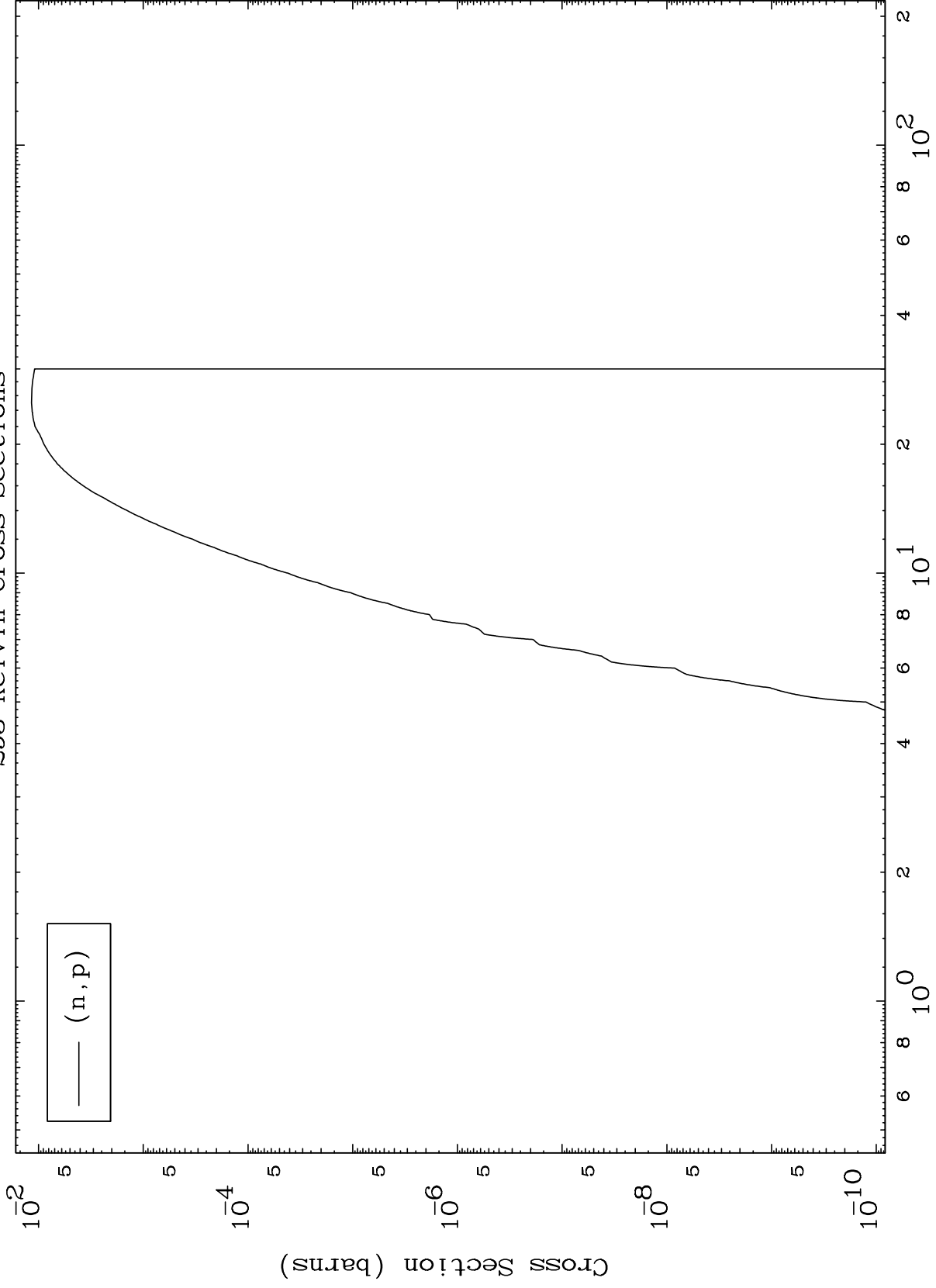




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(n,p) Levels
293 Kelvin Cross Sections

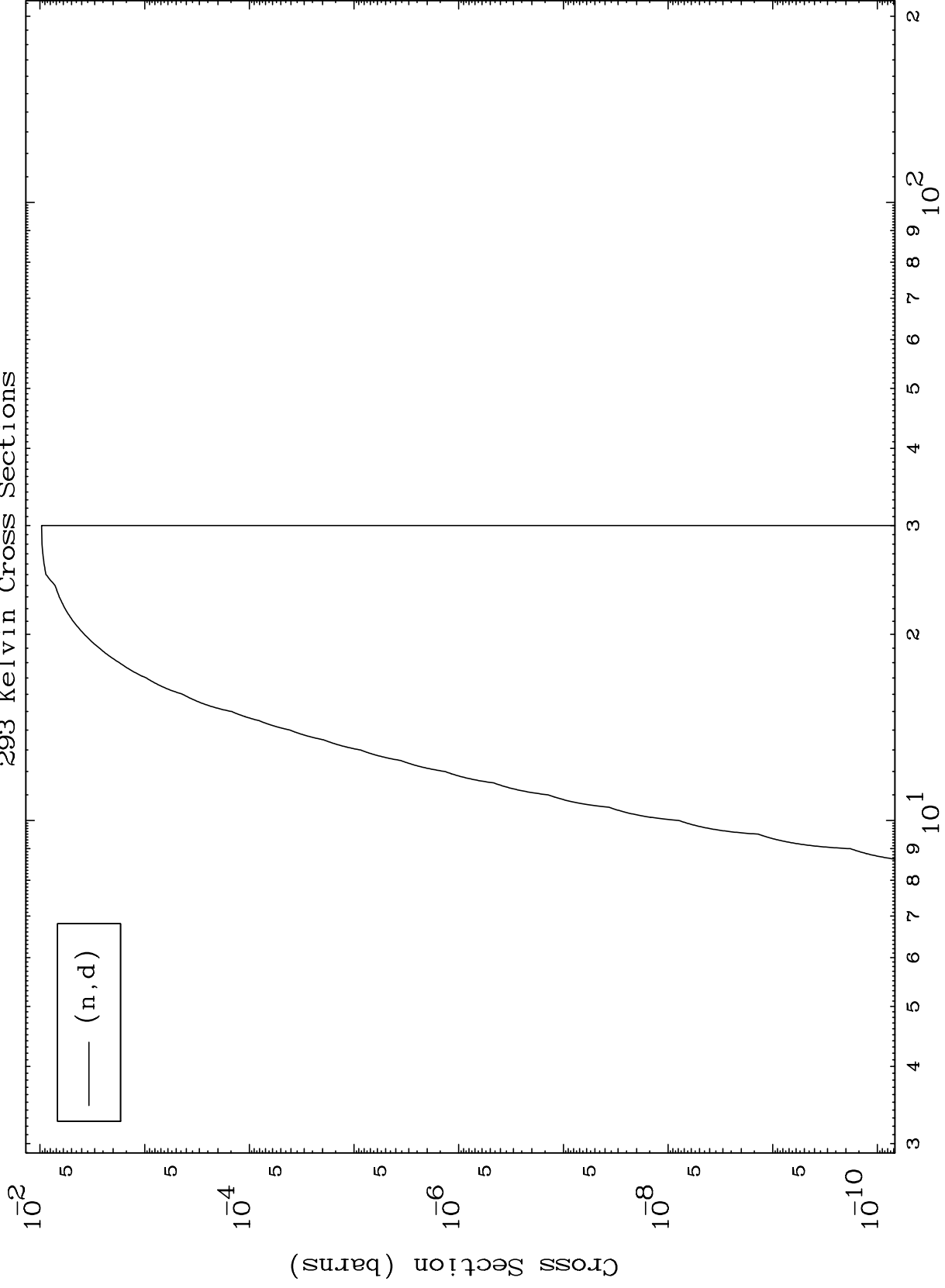
93-Np-239



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(n,d) Levels
293 Kelvin Cross Sections

93-Np-239



14

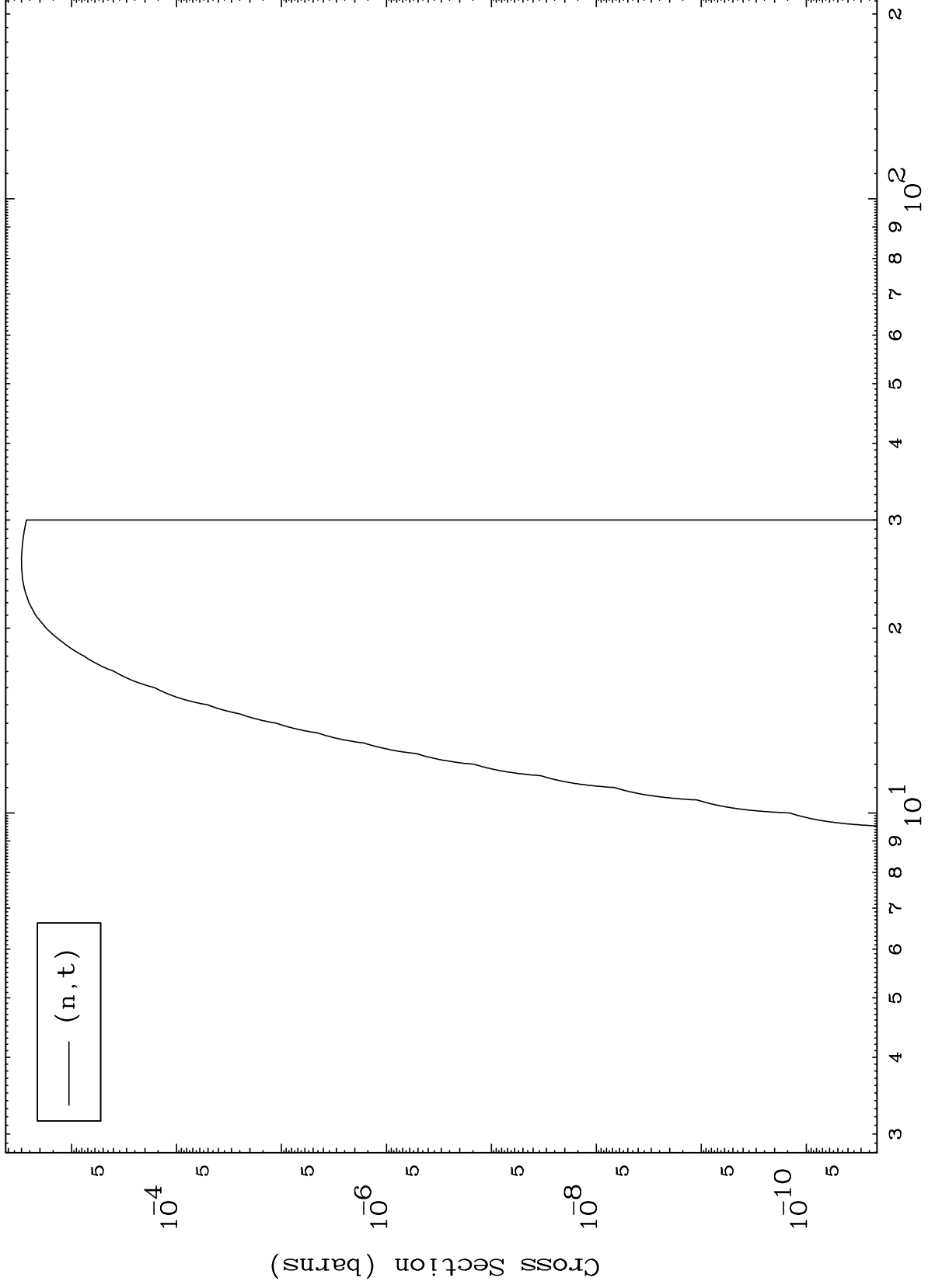
Incident Energy (MeV)

93-Np-239

MAT 9352

(n,t) Levels
293 Kelvin Cross Sections

93-Np-239



15

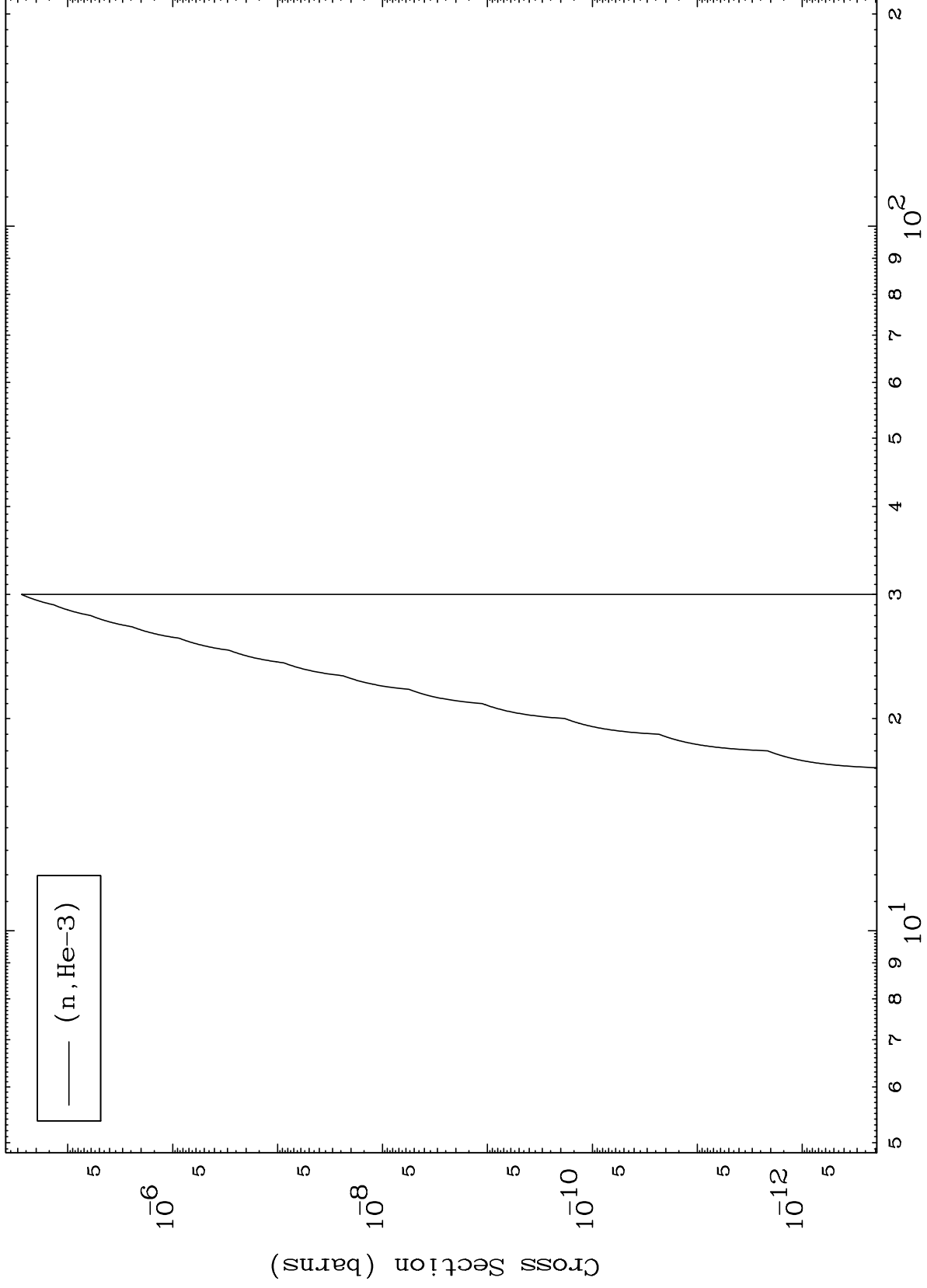
Incident Energy (MeV)

93-Np-239

MAT 9352

(n,He3) Levels
293 Kelvin Cross Sections

93-Np-239



16

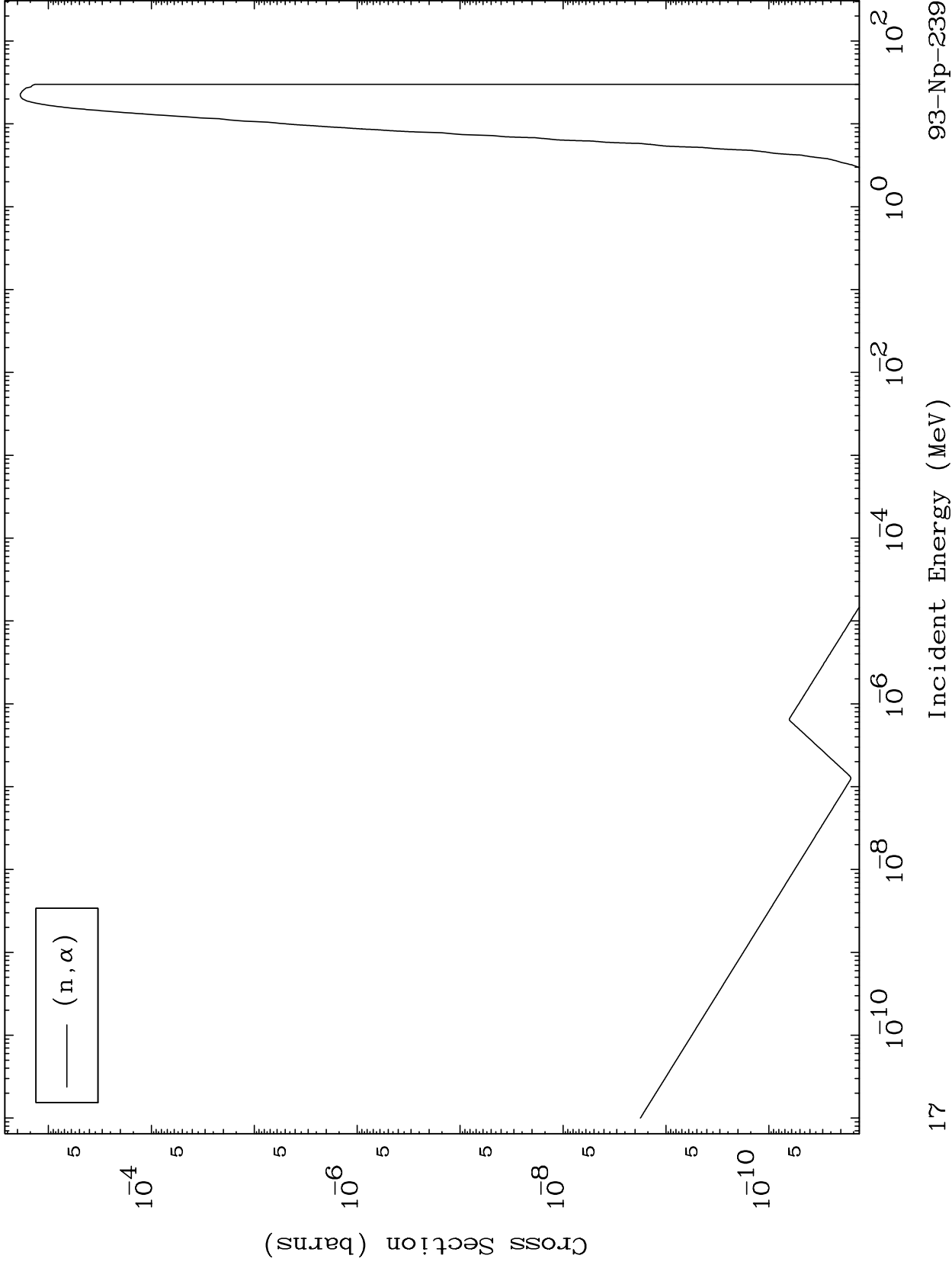
Incident Energy (MeV)

93-Np-239

MAT 9352

(n, α) Levels
293 Kelvin Cross Sections

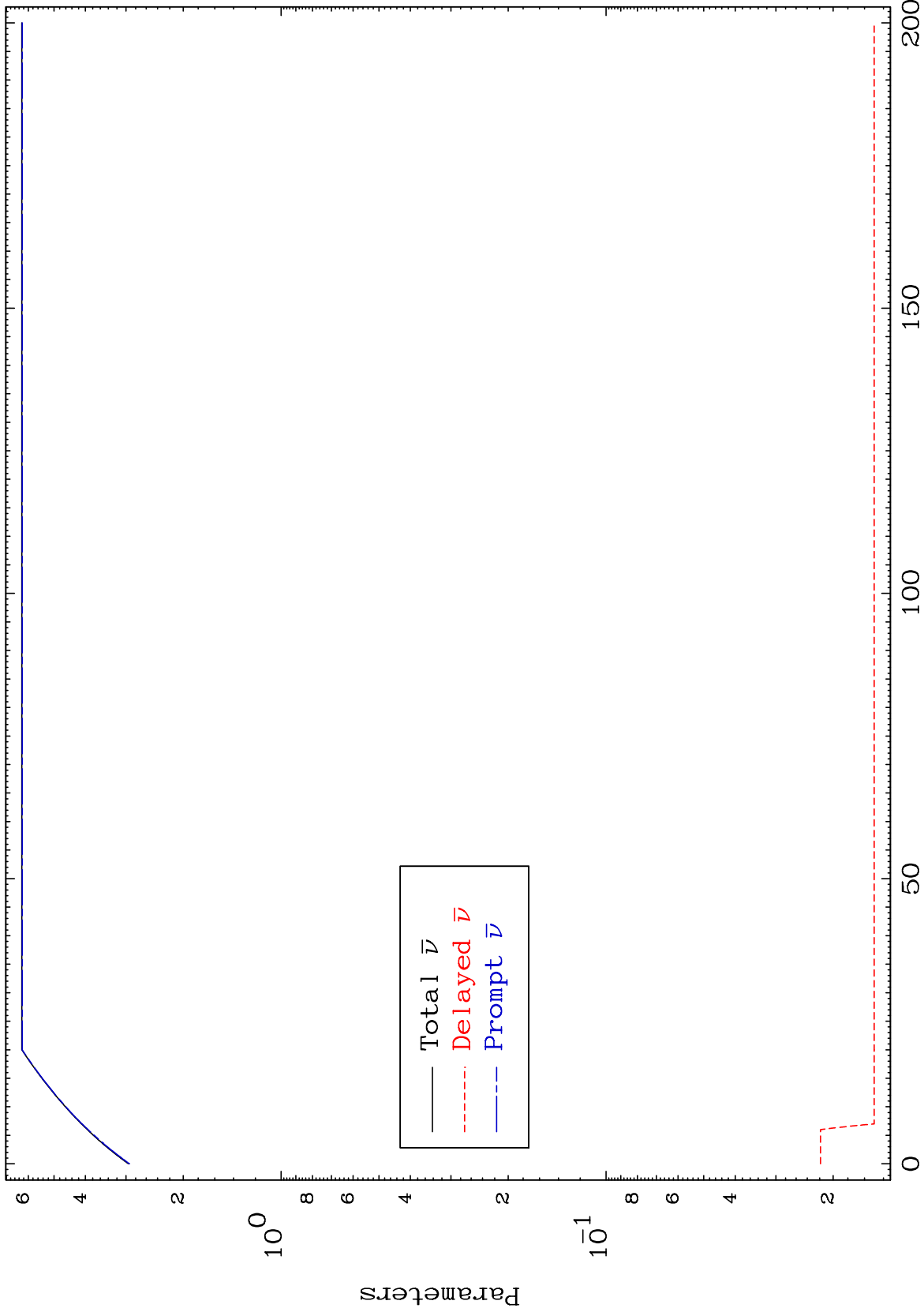
93-Np-239



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Energy Release
Parameters

⁹³Np-239



18

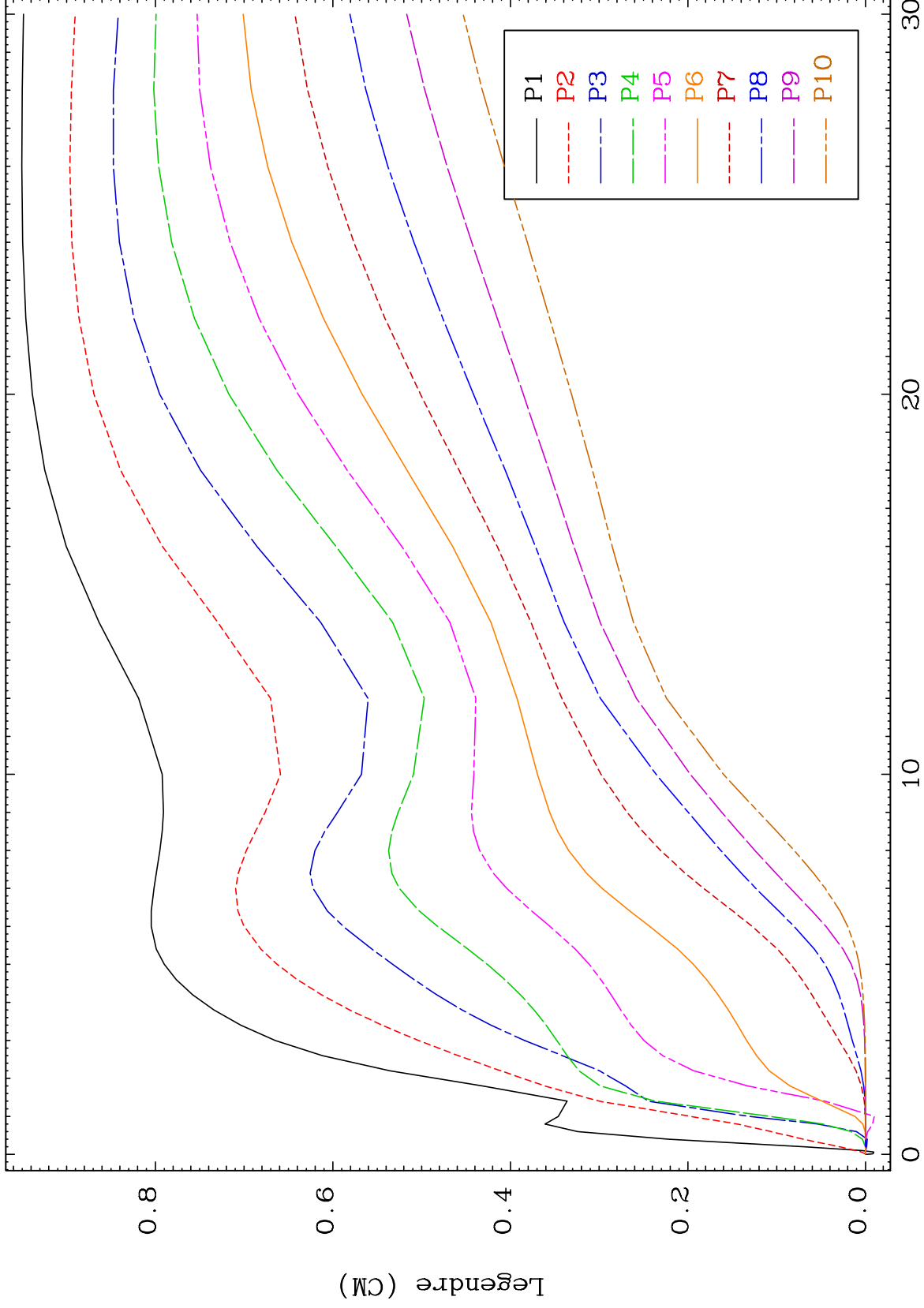
Incident Energy (MeV)

⁹³Np-239

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93-Np-239

Elastic Legendre Coefficients



93-Np-239

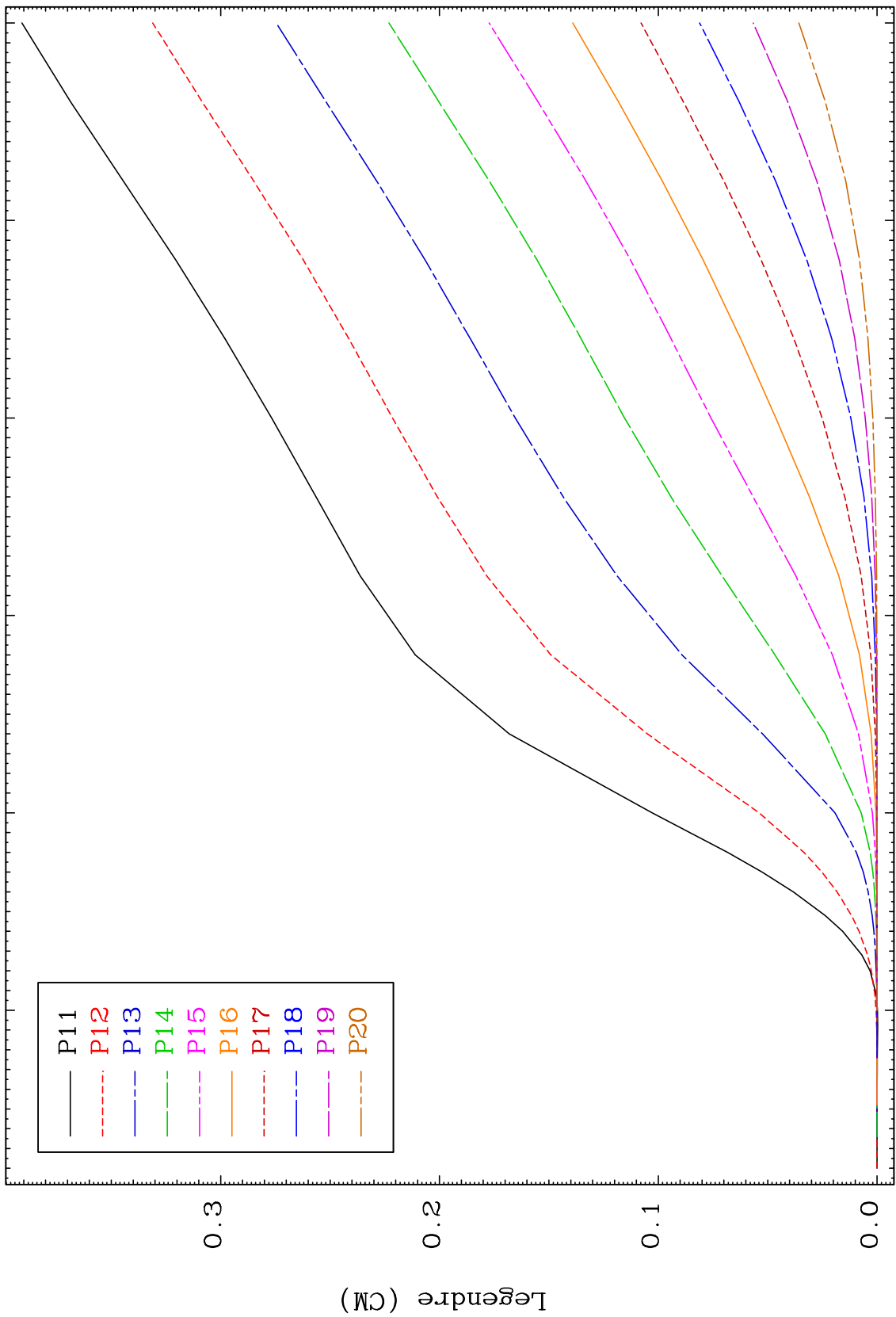
Incident Energy (MeV)

19

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Elastic Legendre Coefficients

93-Np-239



20

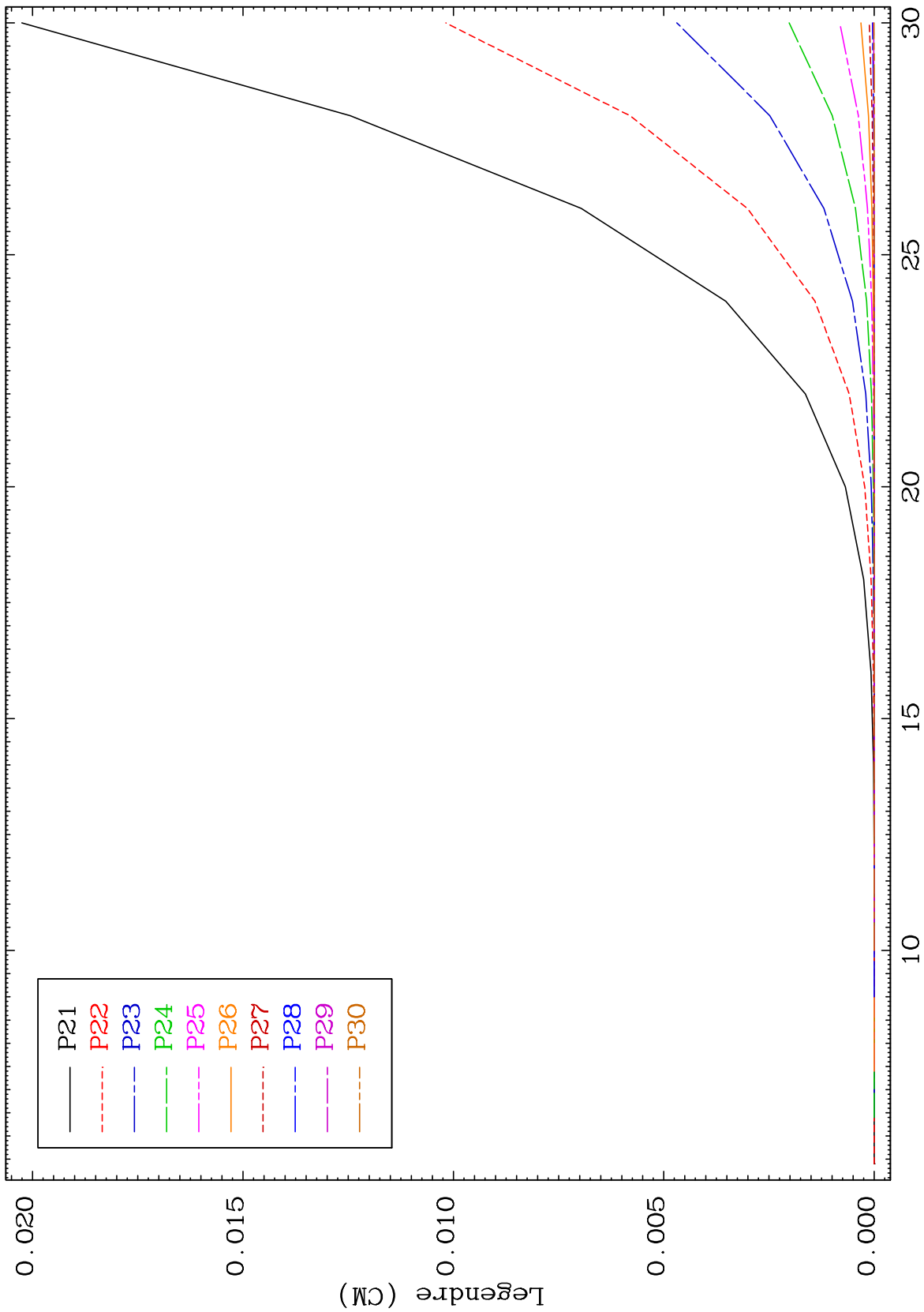
Incident Energy (MeV)

93-Np-239

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Elastic
Legendre Coefficients

93-Np-239



21

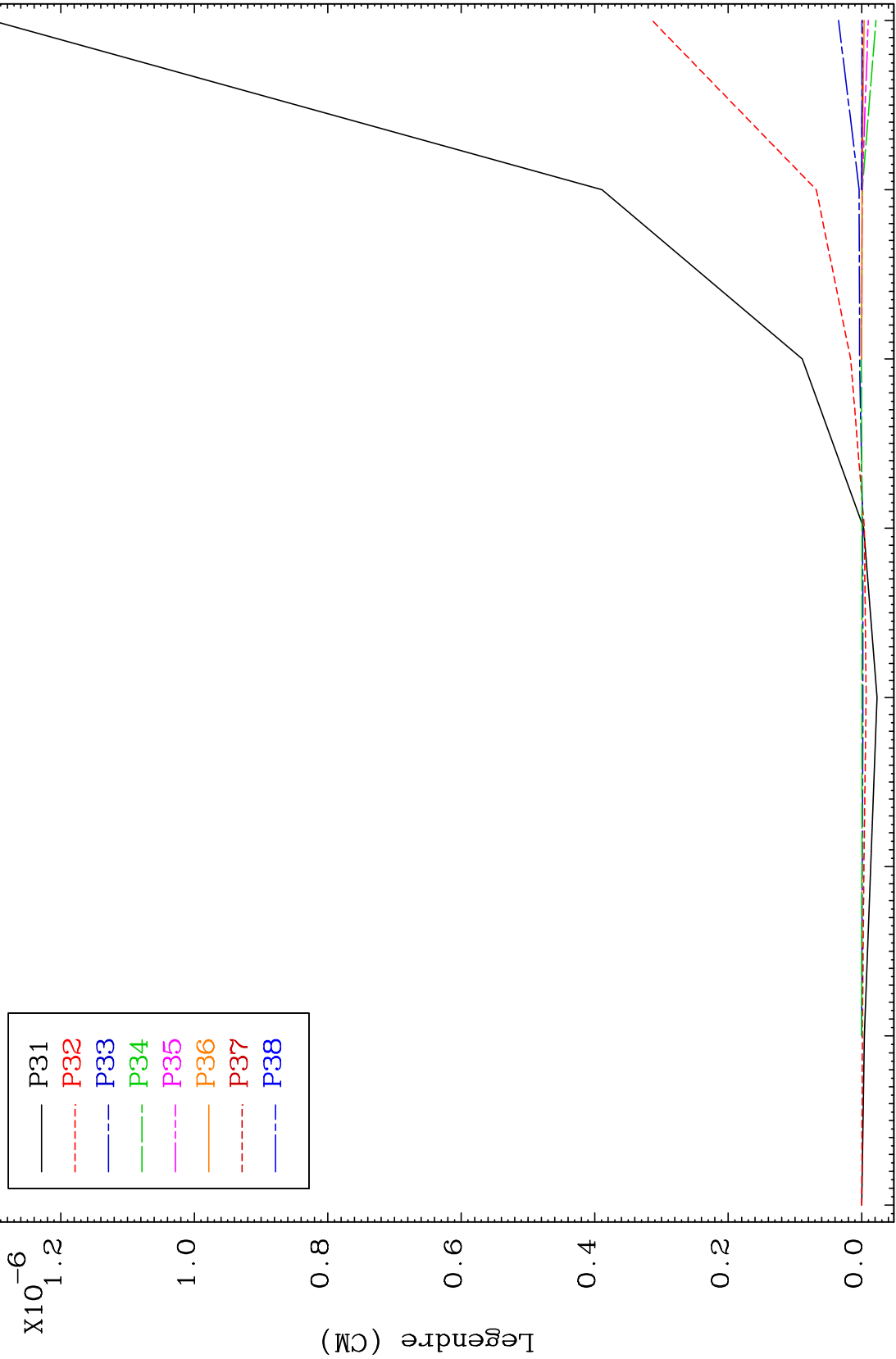
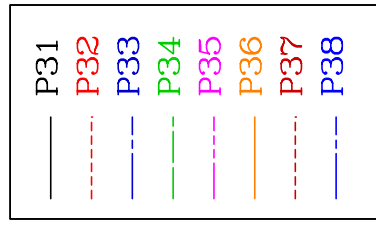
Incident Energy (MeV)

93-Np-239

MAT 9352

Elastic Legendre Coefficients

93-Np-239



93-Np-239

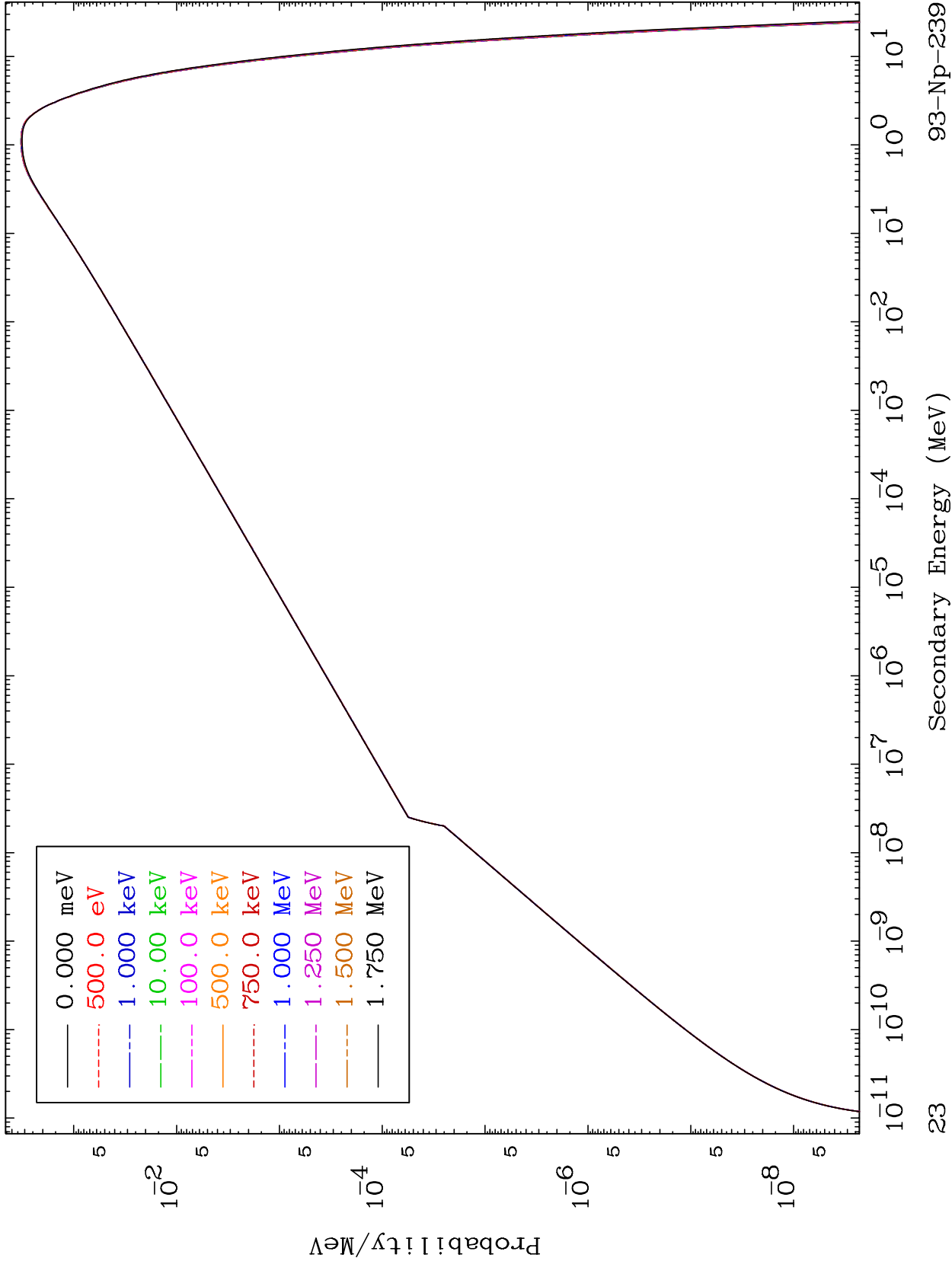
Incident Energy (MeV)

22

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Fission Energy Distributions

93-Np-239



93-Np-239

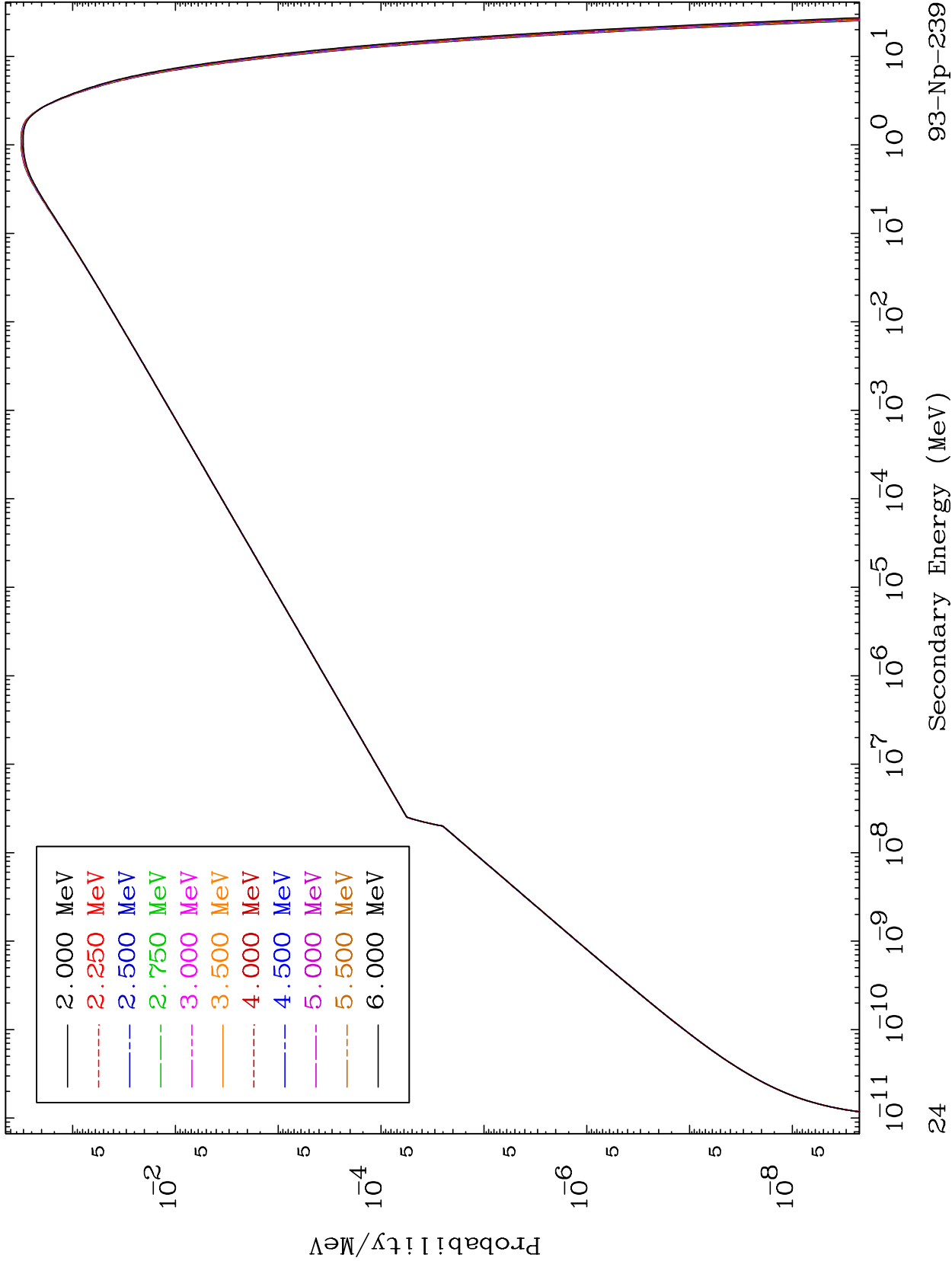
Secondary Energy (MeV)

23

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Fission Energy Distributions

⁹³Np-239

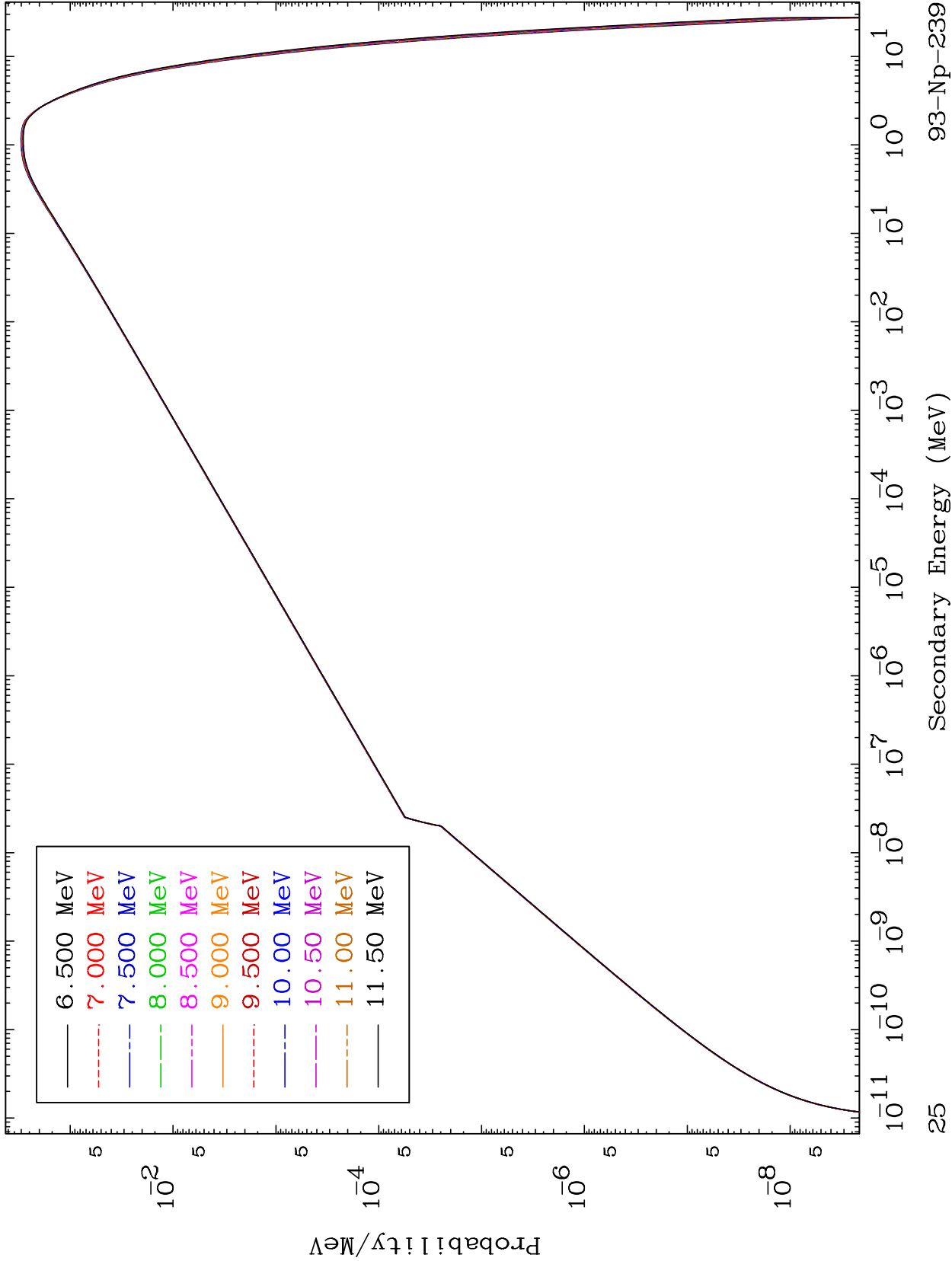


⁹³Np-239

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Fission Energy Distributions

93-Np-239



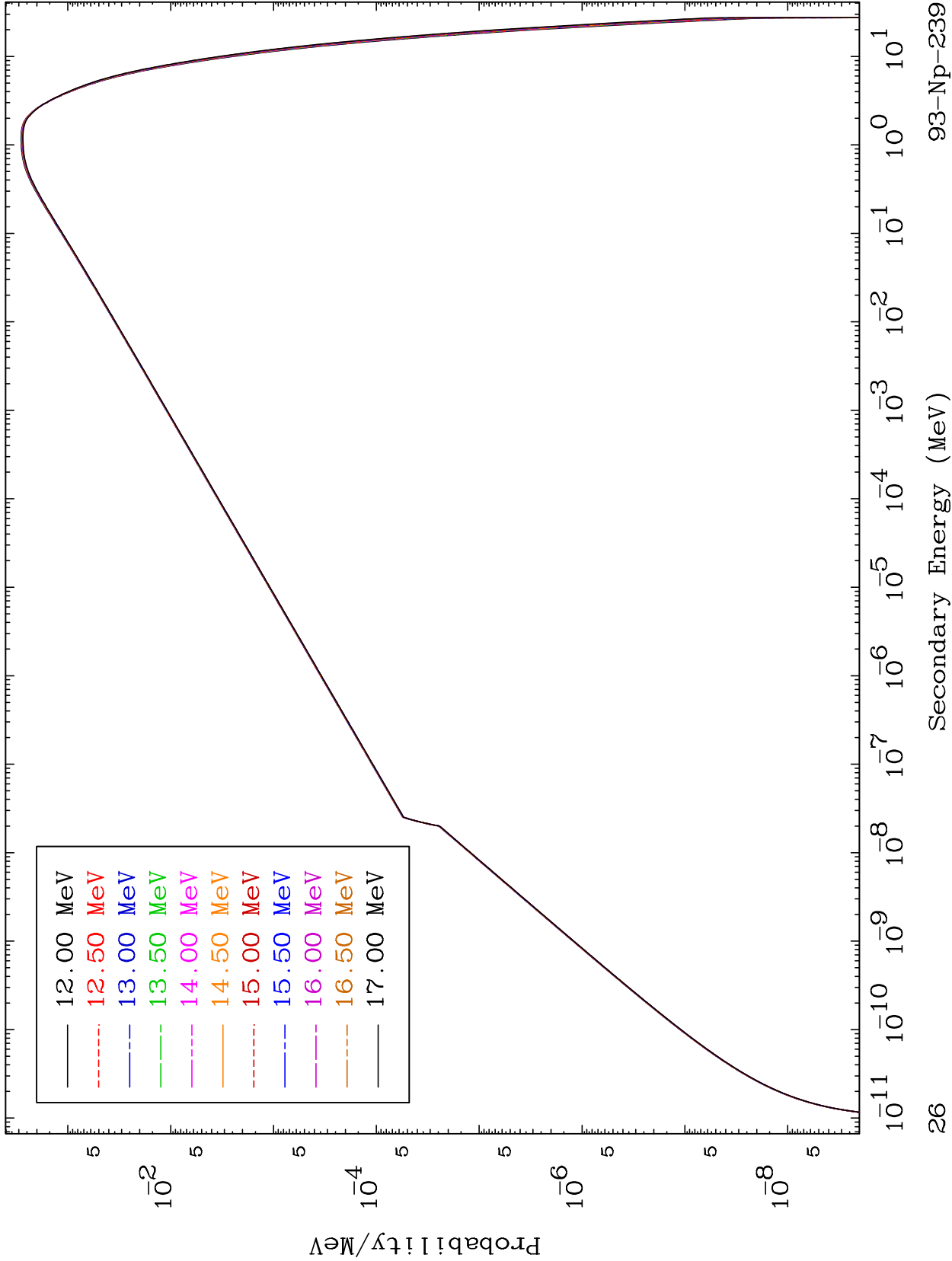
93-Np-239

Secondary Energy (MeV)

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Fission Energy Distributions

93-Np-239



93-Np-239

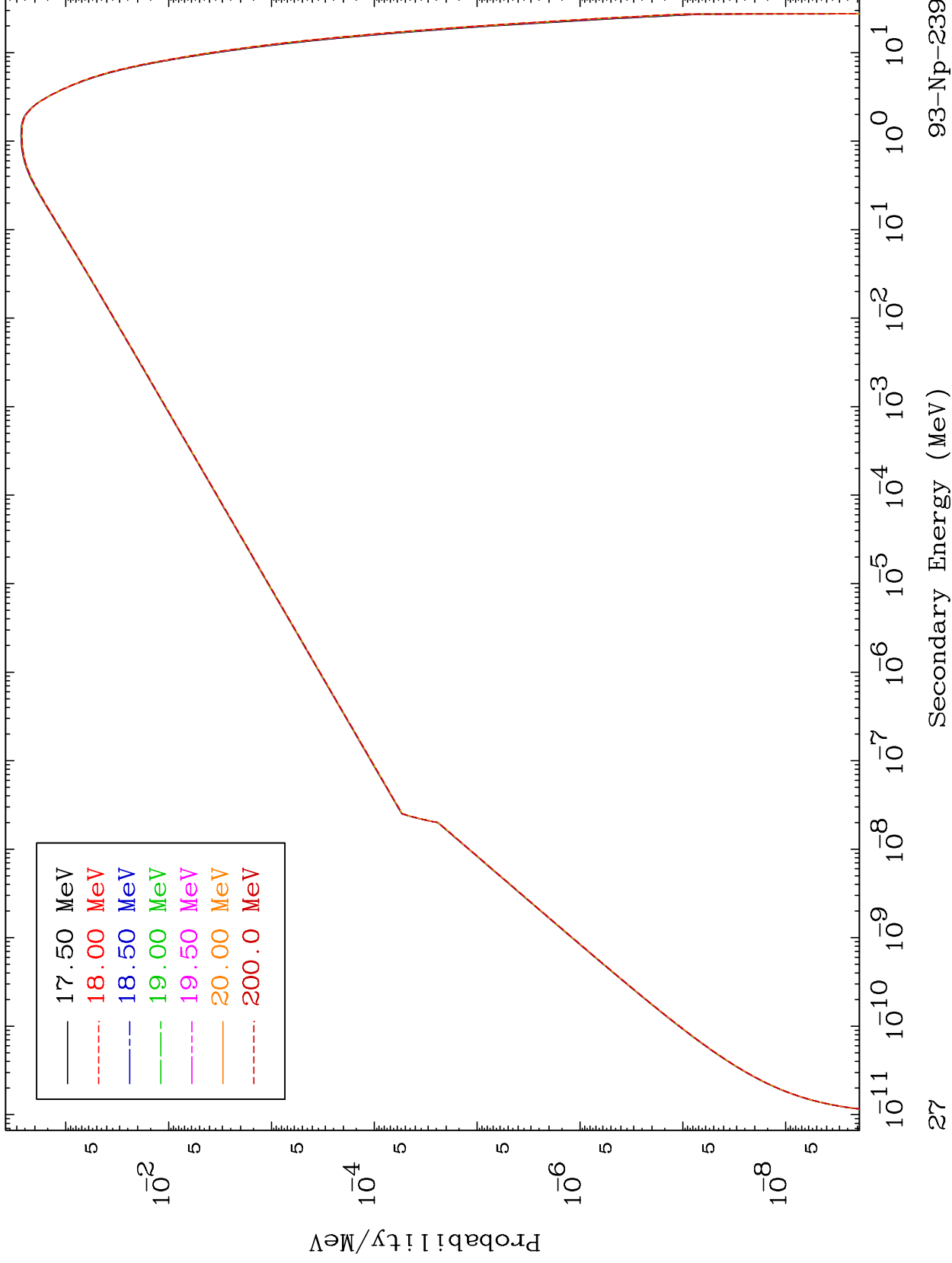
Secondary Energy (MeV)

26

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Fission Energy Distributions

93-Np-239

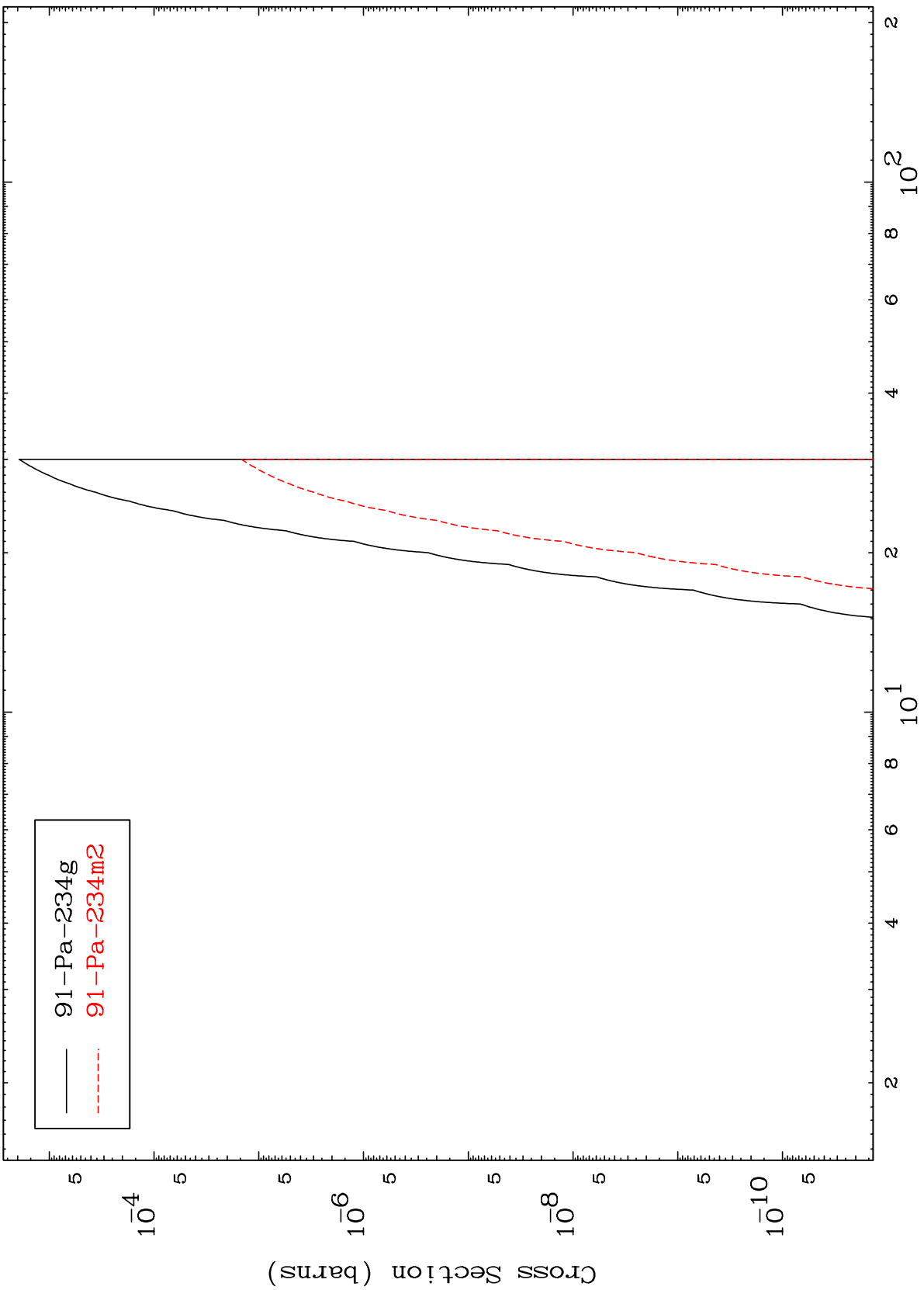


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(n,2n) α

⁹³Np-239

Radionuclide Production Cross Section

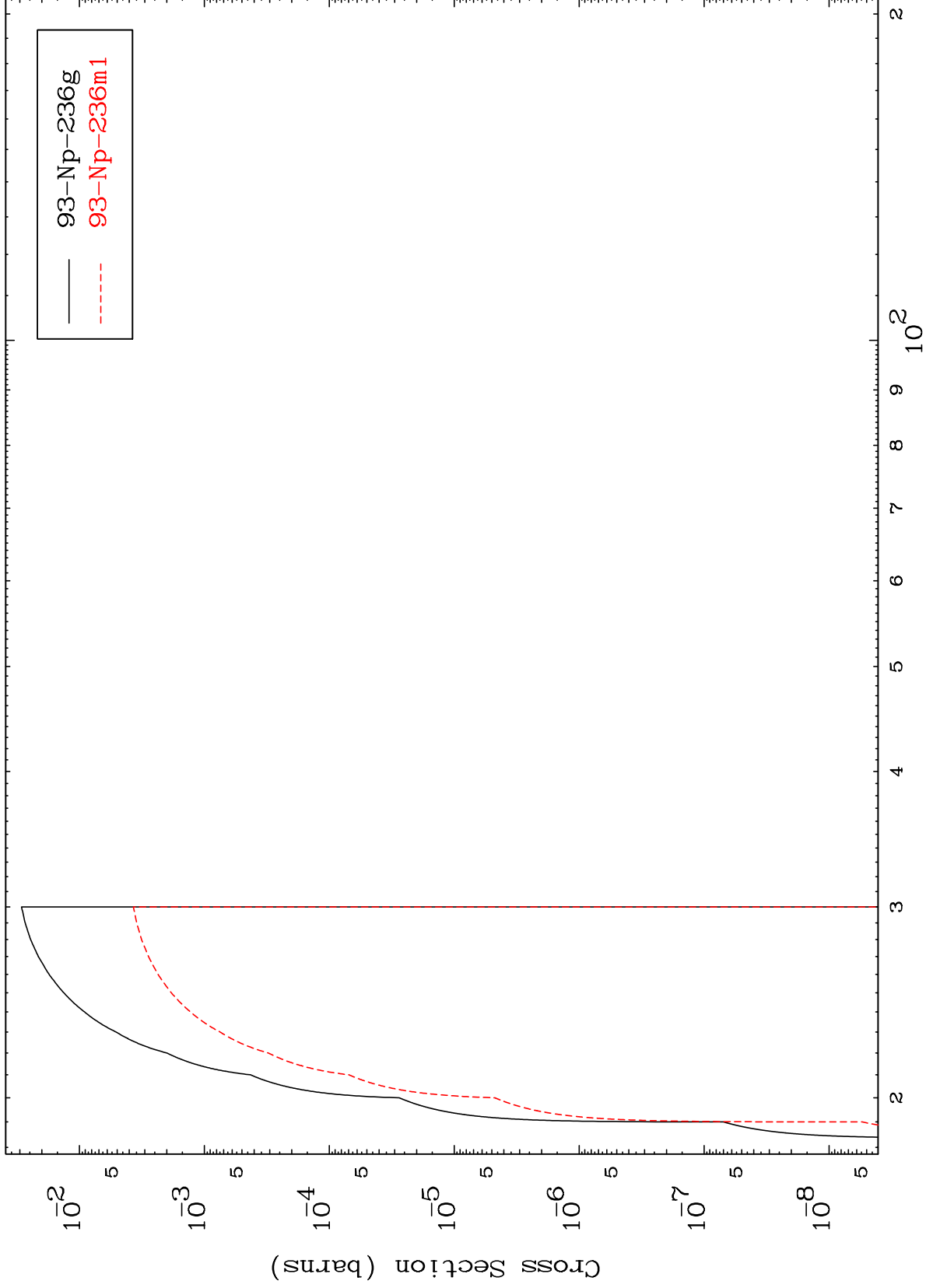


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(n,4n)

93-Np-239

Radionuclide Production Cross Section



29

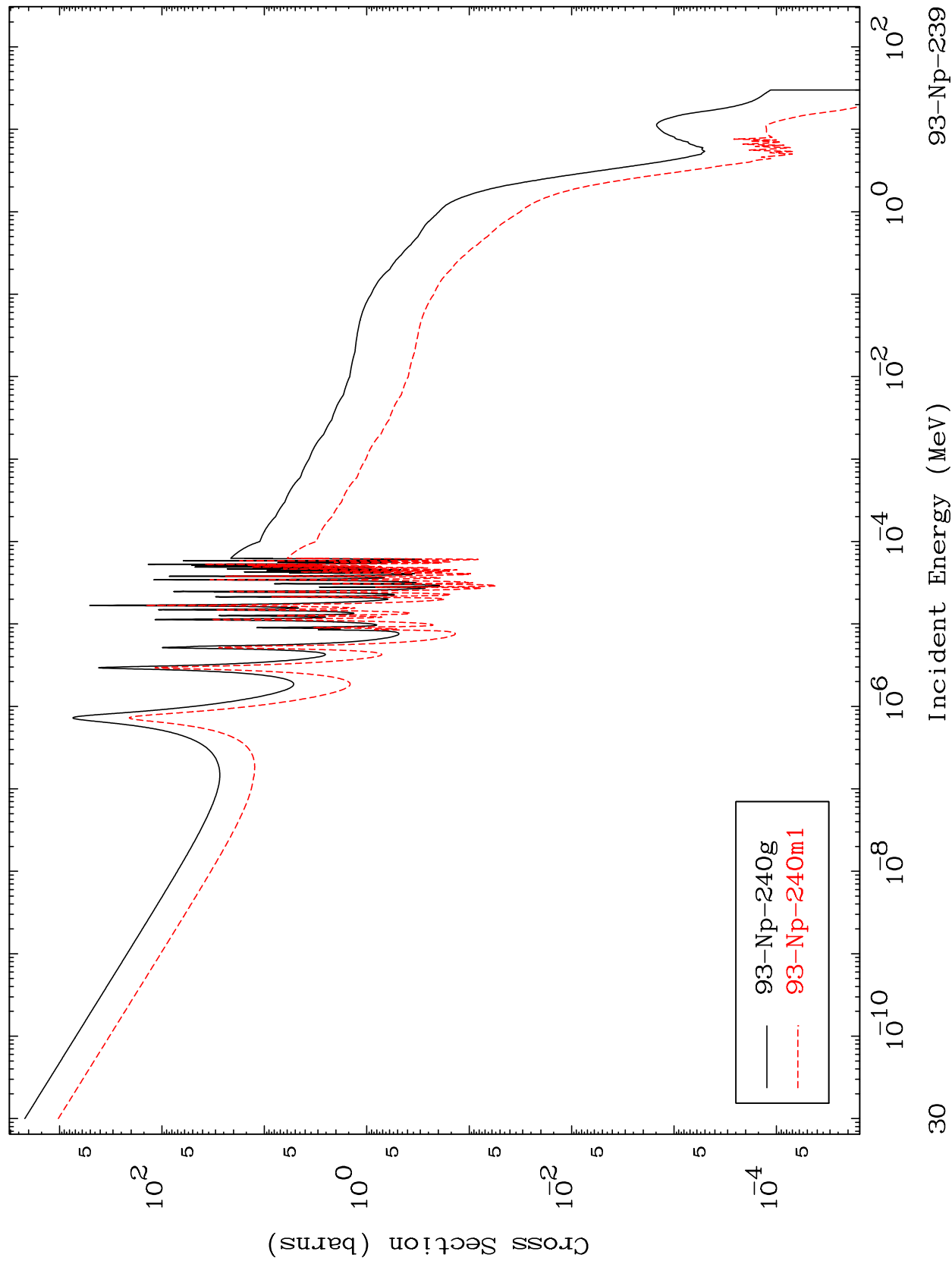
Incident Energy (MeV)

93-Np-239

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93-Np-239

(n, γ)
Radionuclide Production Cross Section



30

93-Np-239