

Program EVALPLOT
(Version 2021-1)

by

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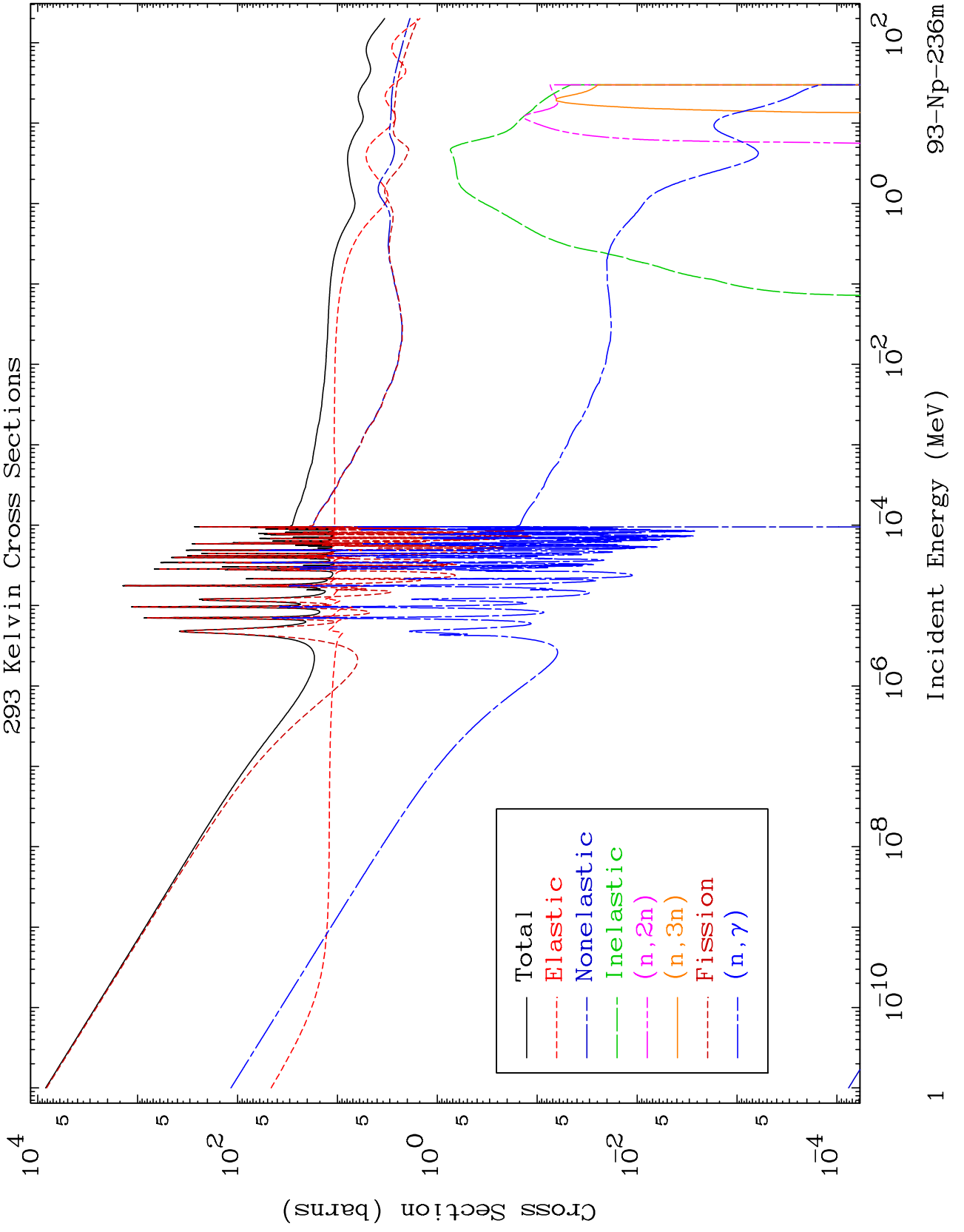
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Press Mouse Button to Start

MAT 9344

Neutron Major
293 Kelvin Cross Sections

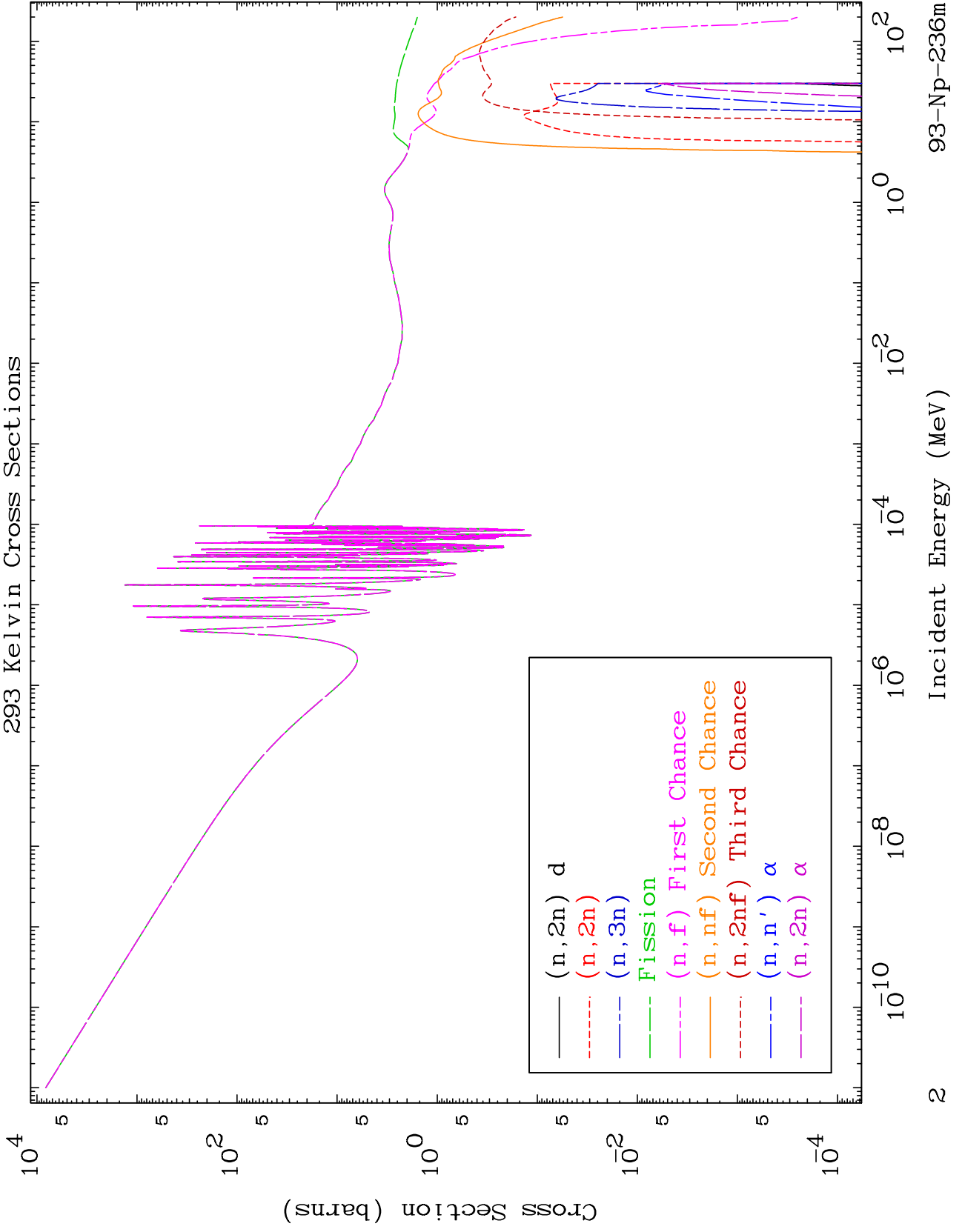
93-Np-236m



MAT 9344

Neutron Absorption
293 Kelvin Cross Sections

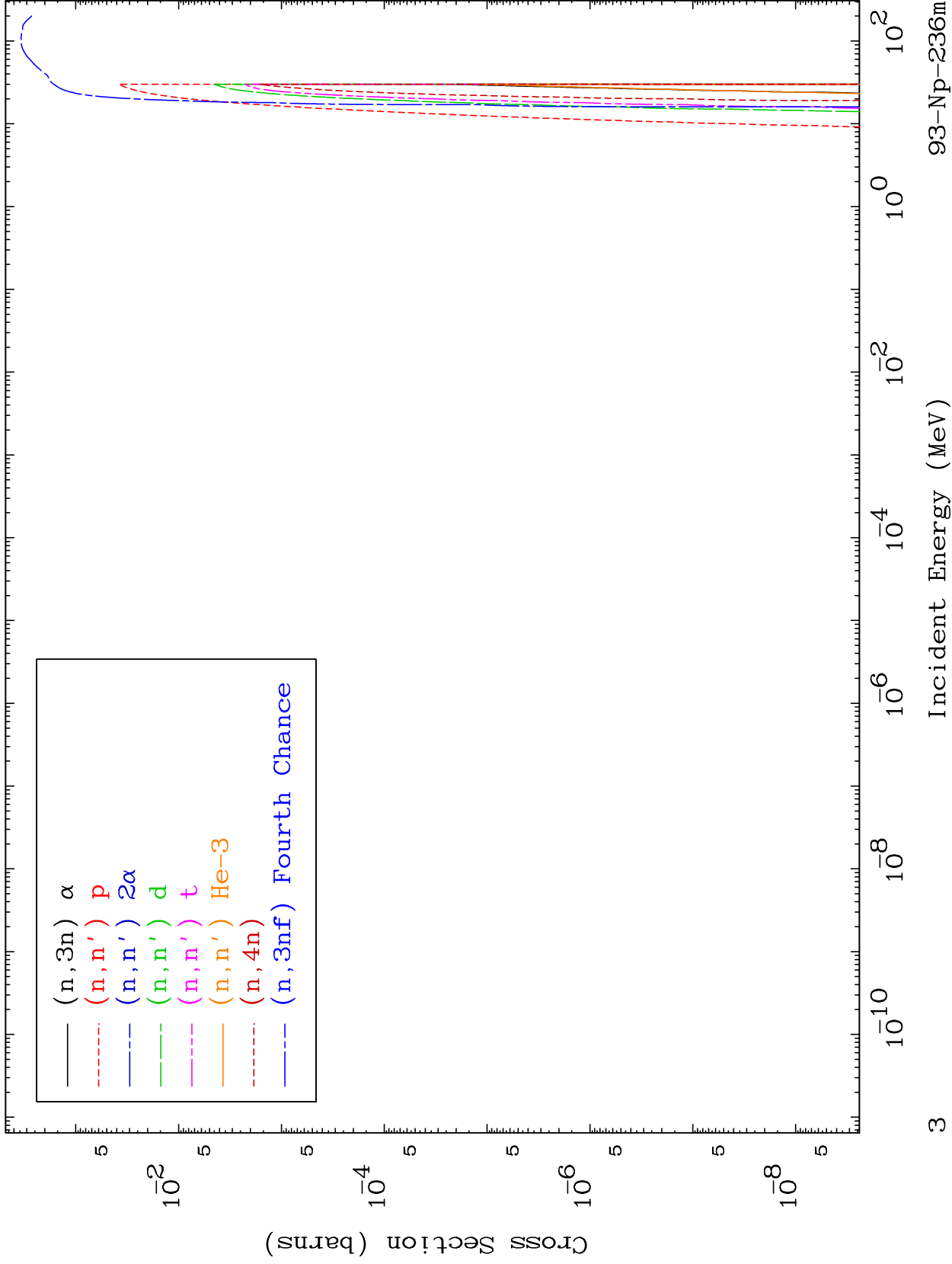
93-Np-236m



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Neutron Absorption
293 Kelvin Cross Sections

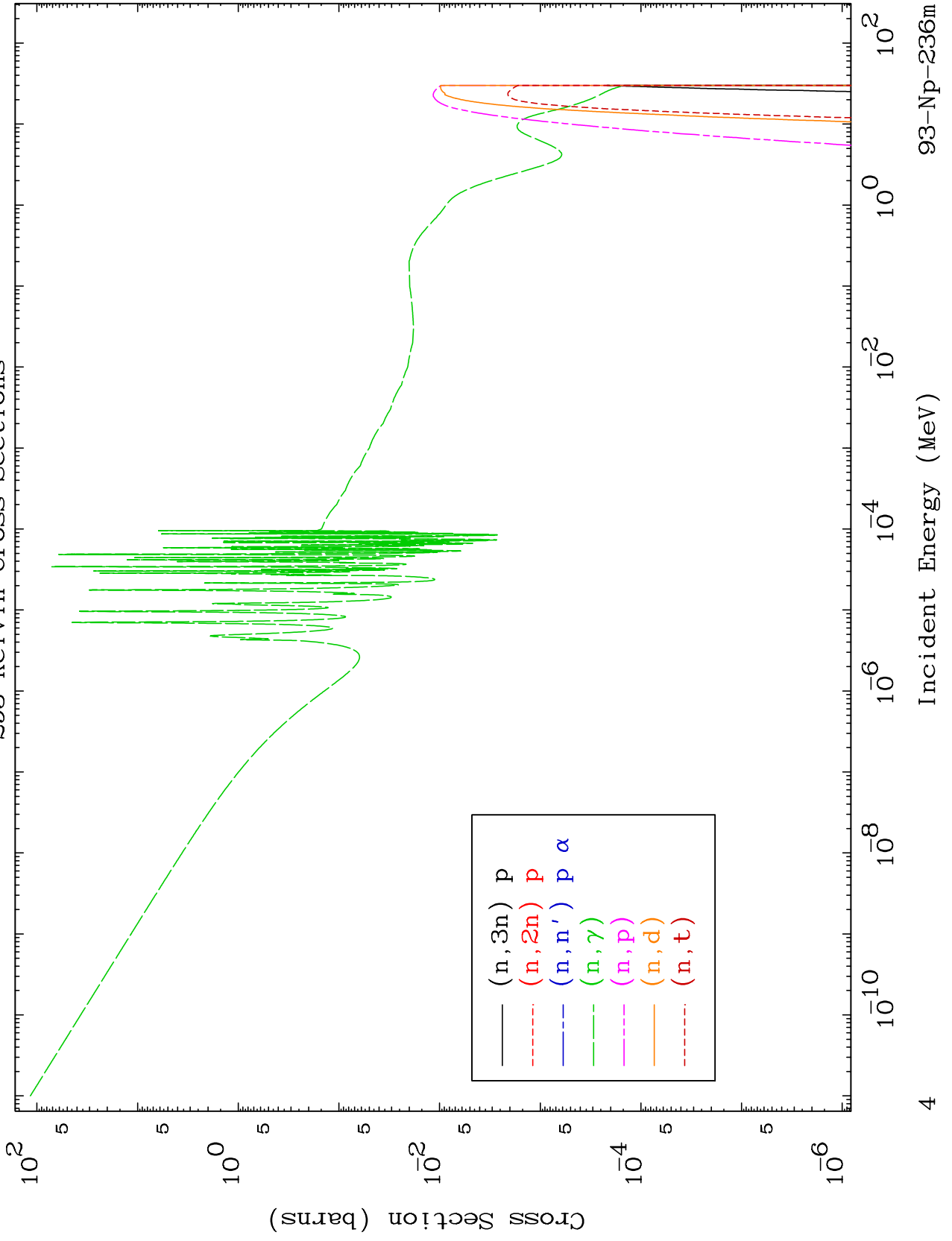
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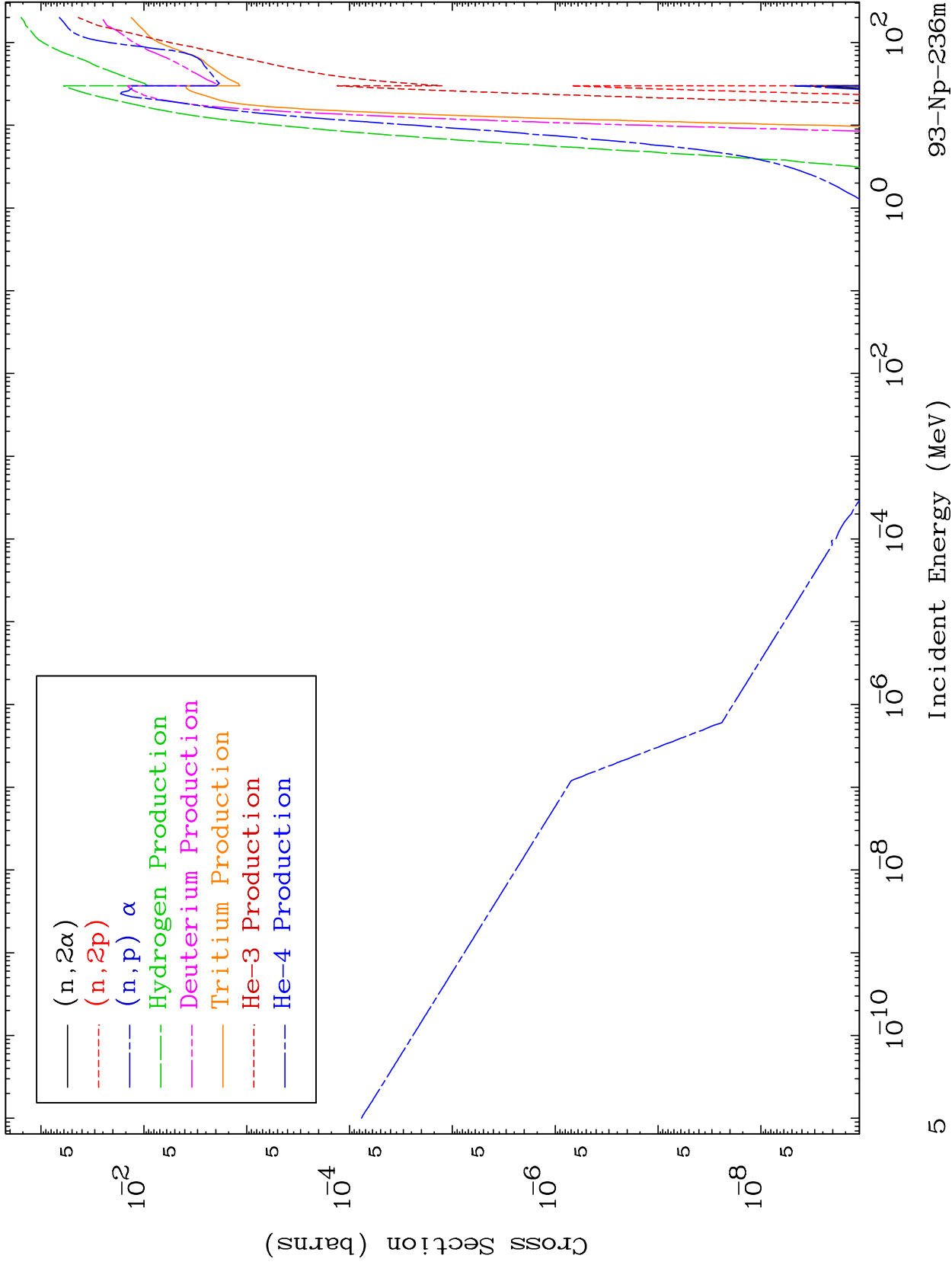


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Neutron Absorption
293 Kelvin Cross Sections

93-Np-236m

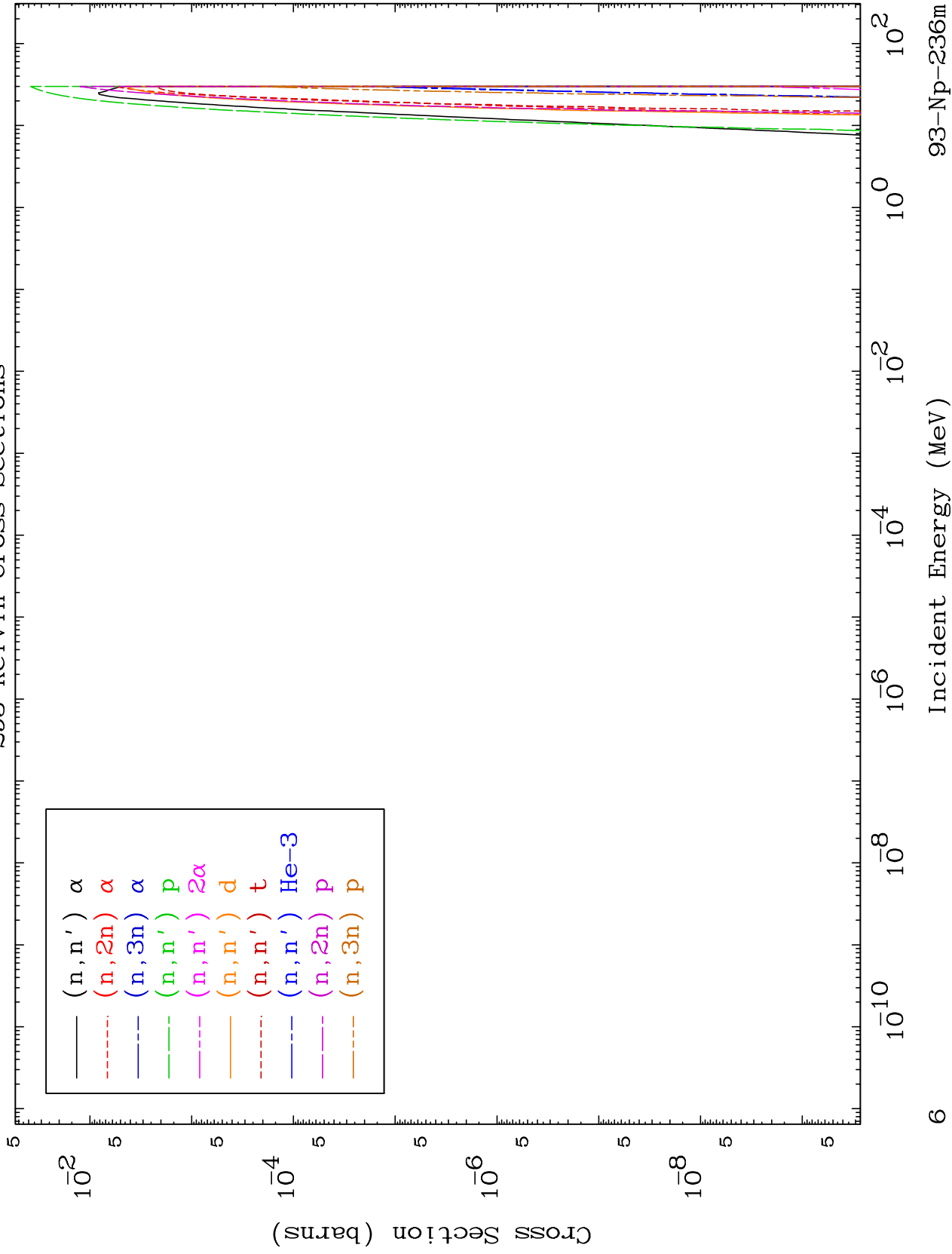




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Charged Particle
293 Kelvin Cross Sections

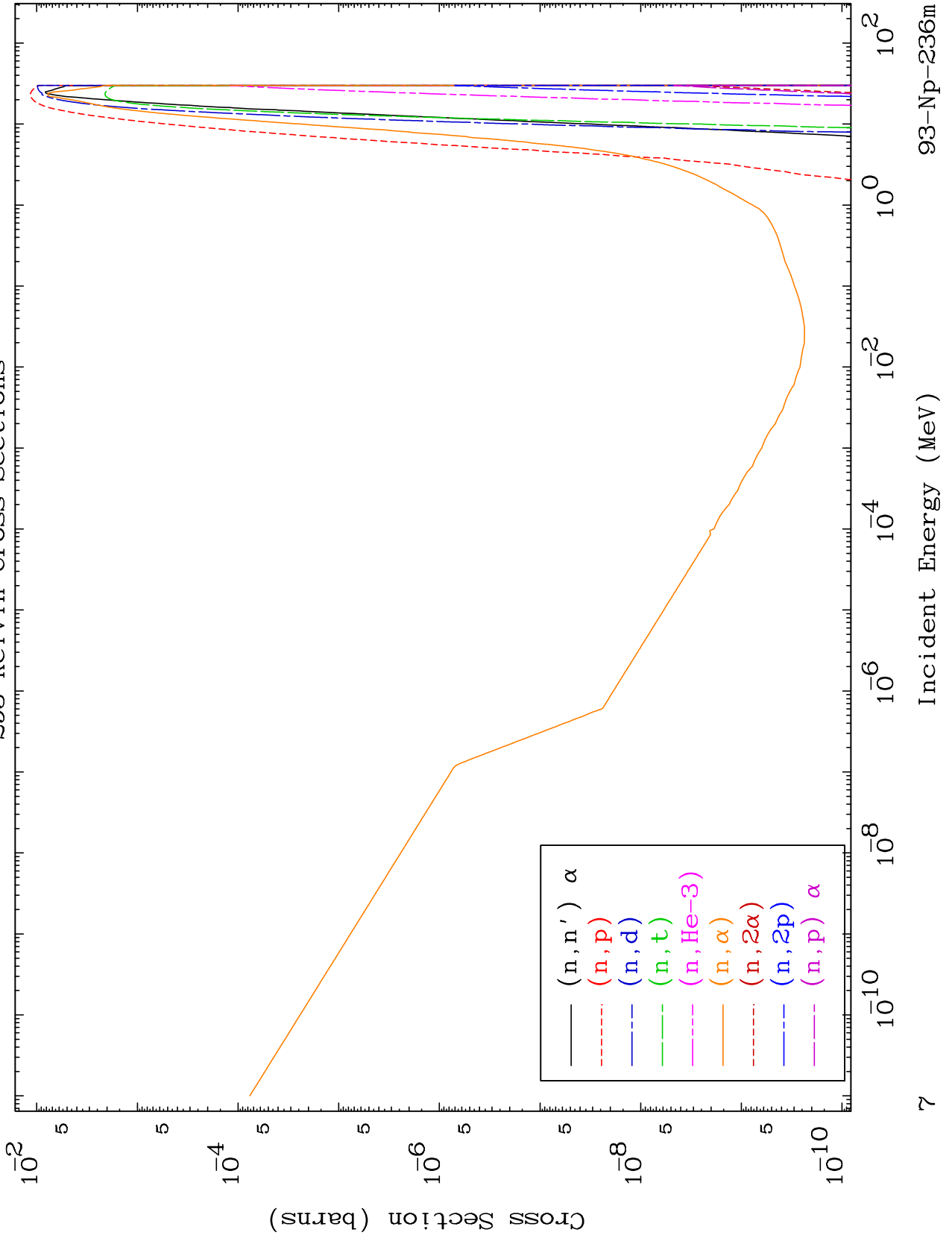
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Charged Particle
293 Kelvin Cross Sections

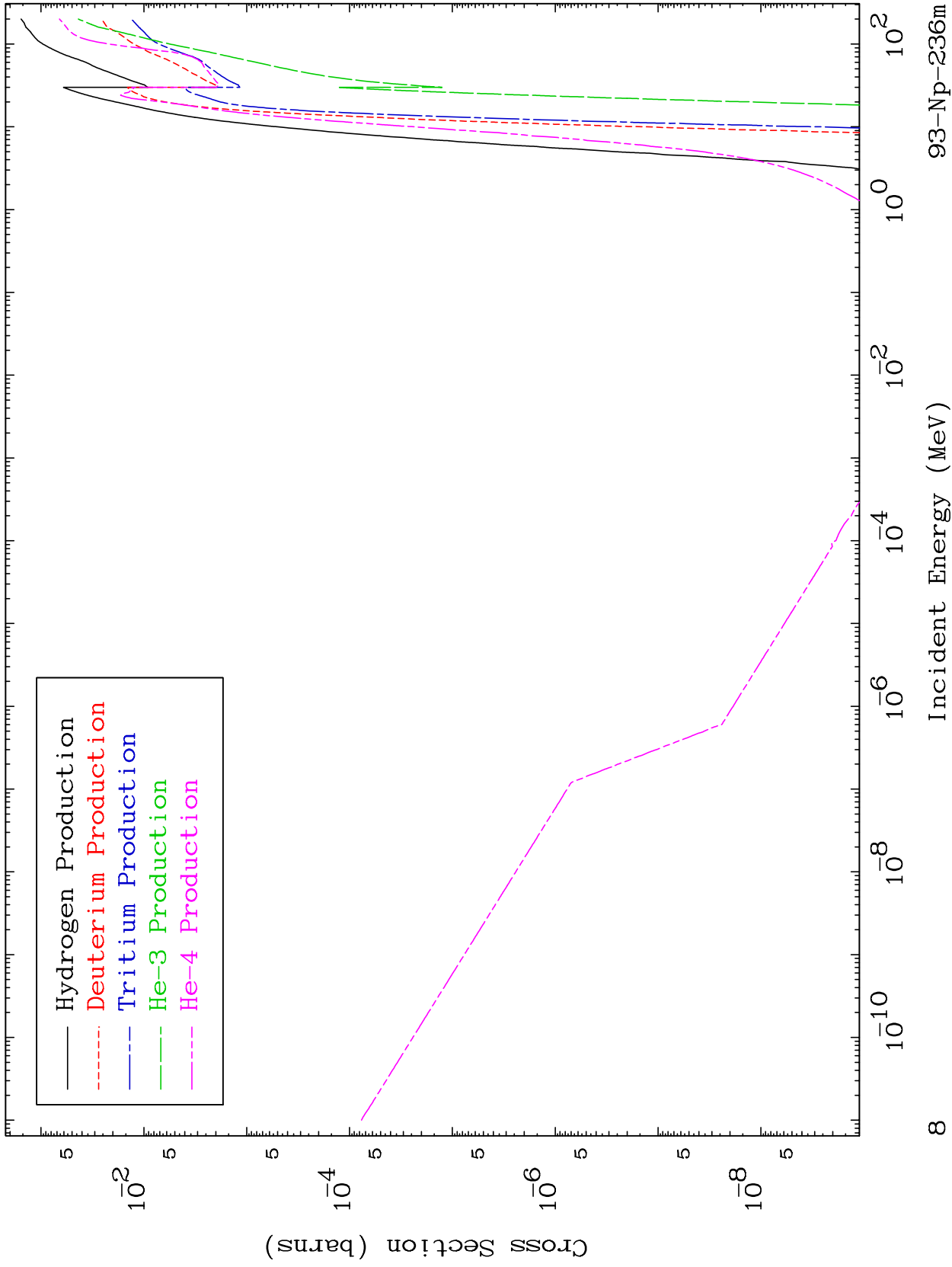
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Particle Production
293 Kelvin Cross Sections

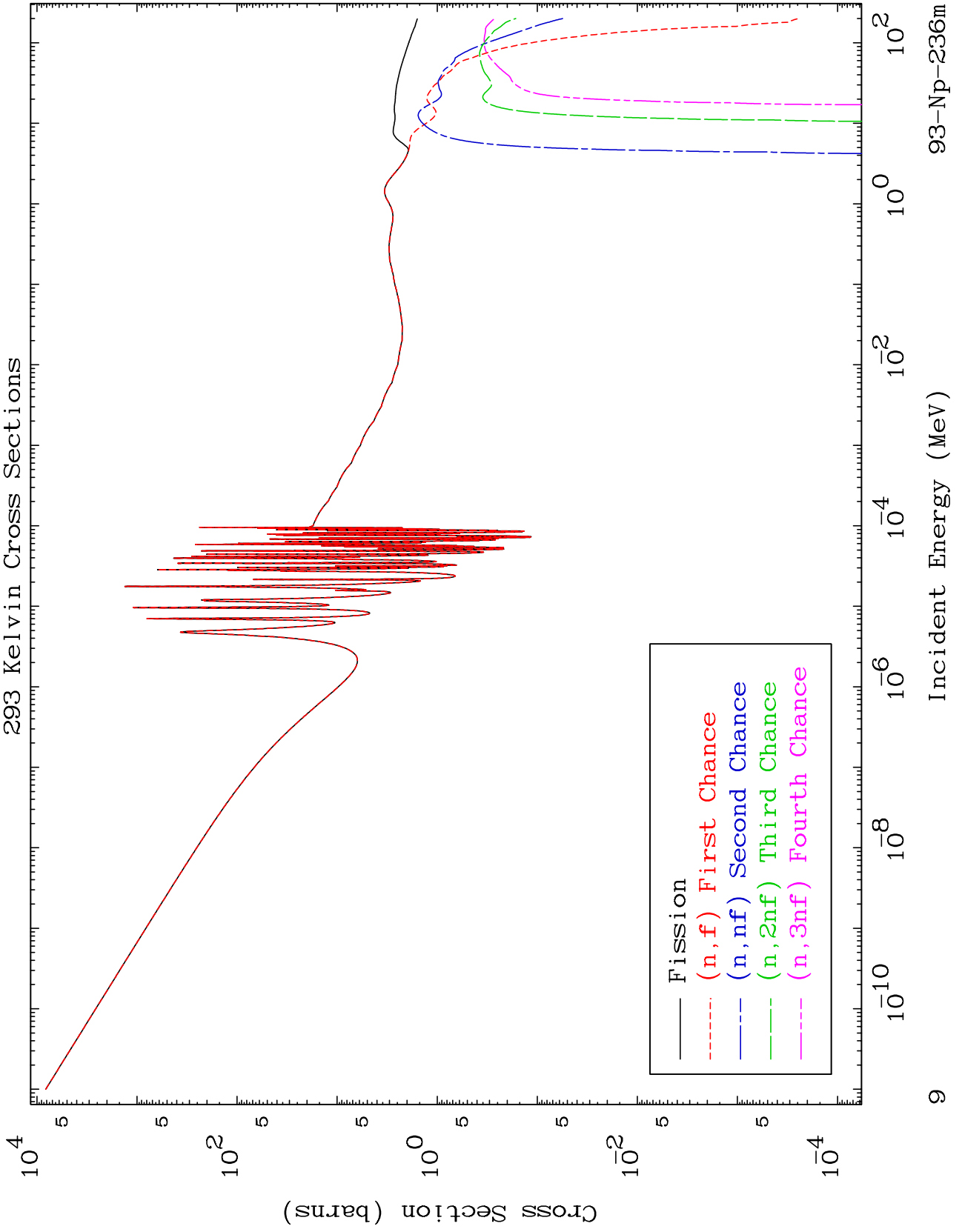
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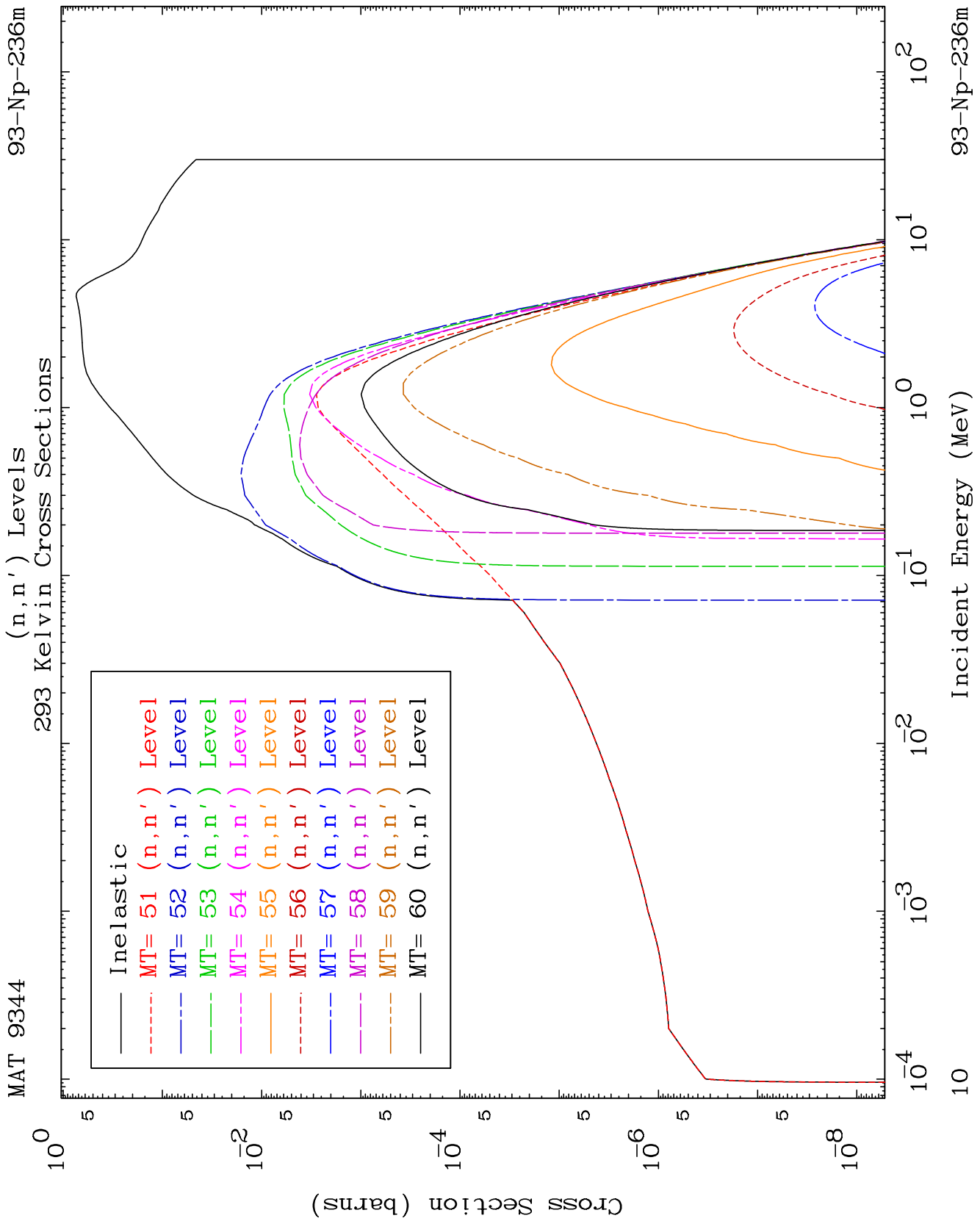


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Fission
293 Kelvin Cross Sections

93-Np-236m

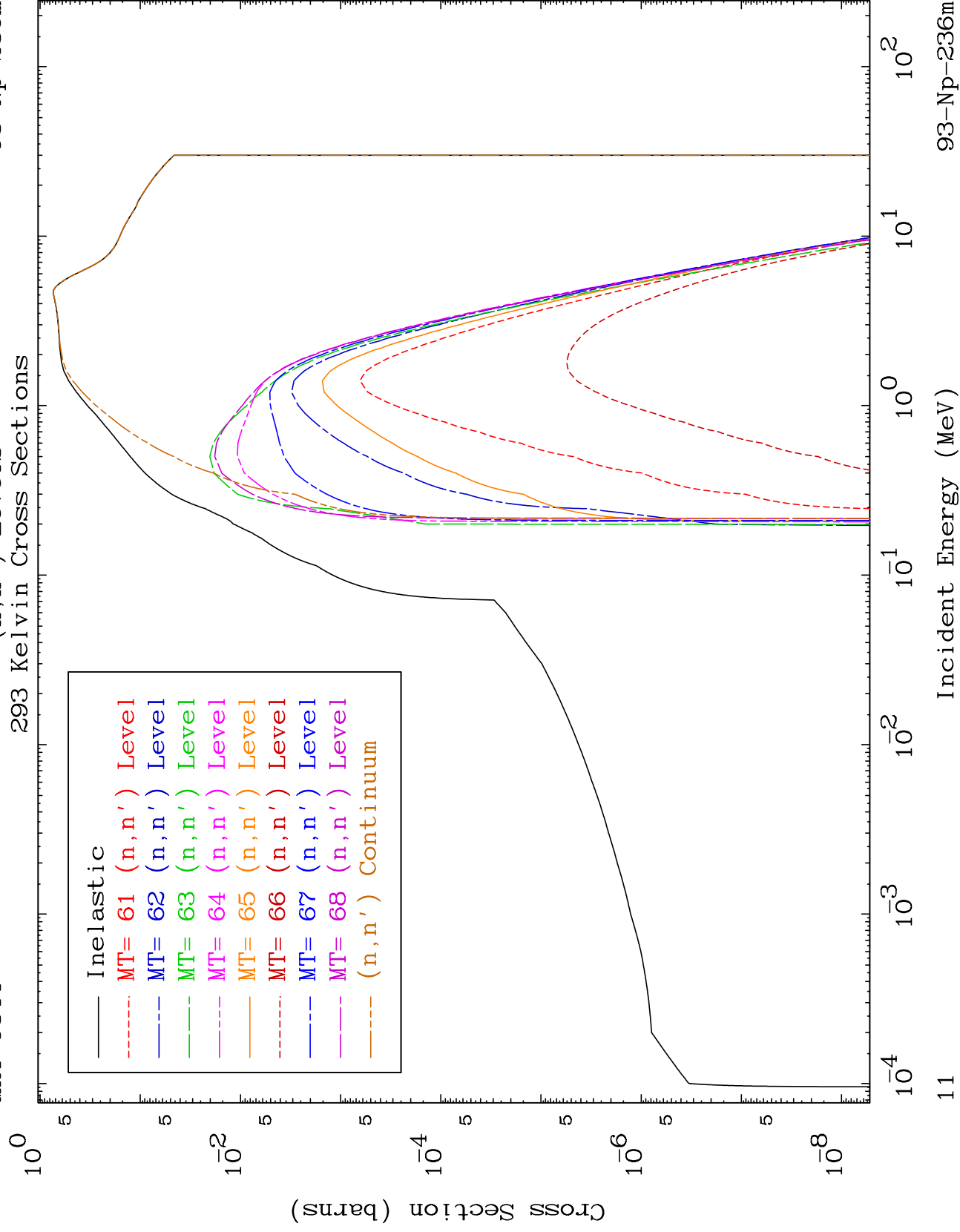




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(n,n') Levels
293 Kelvin Cross Sections

93-Np-236m



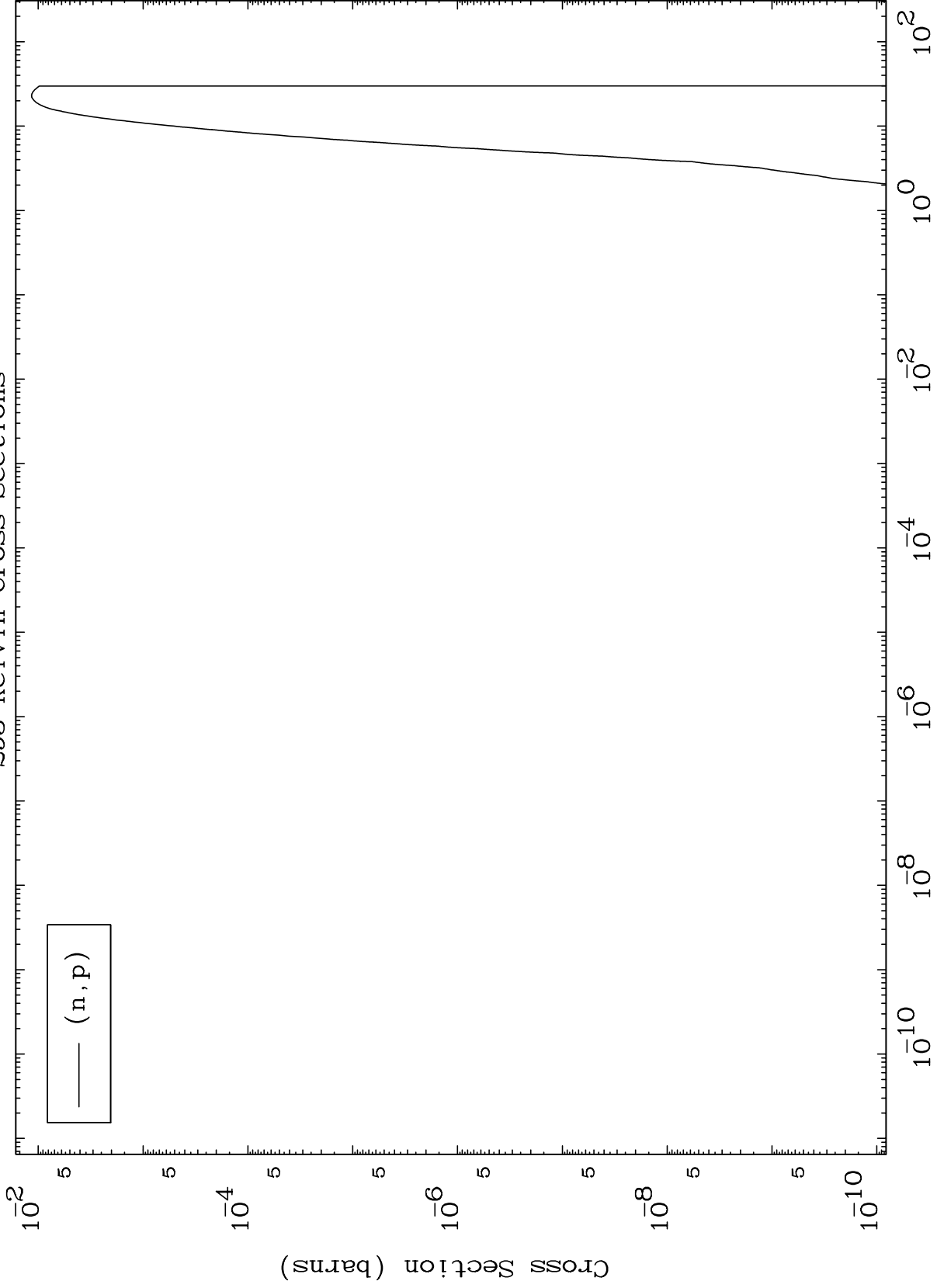
11

93-Np-236m

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(n,p) Levels
293 Kelvin Cross Sections

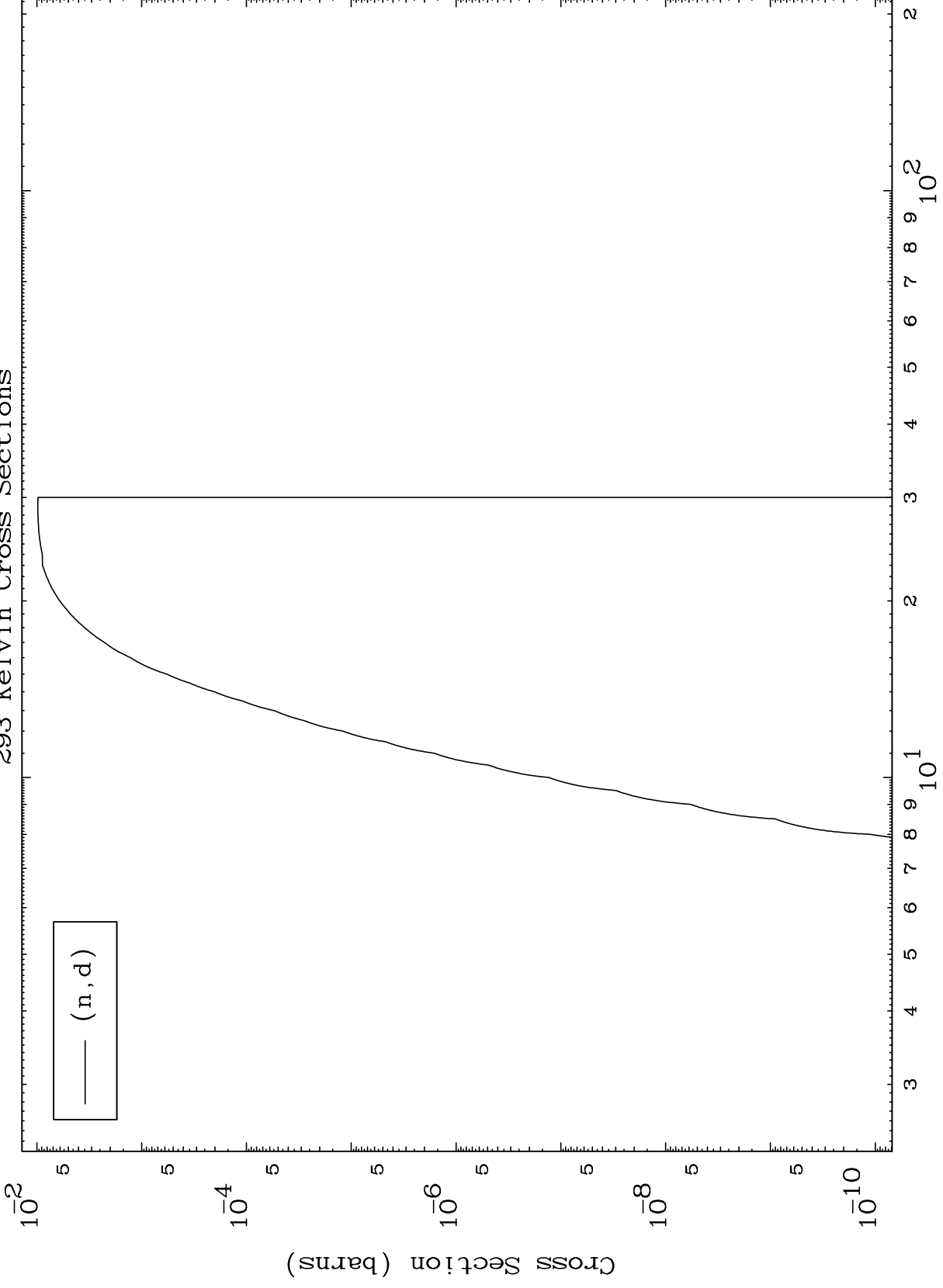
93-Np-236m



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(n,d) Levels
293 Kelvin Cross Sections

93-Np-236m



13

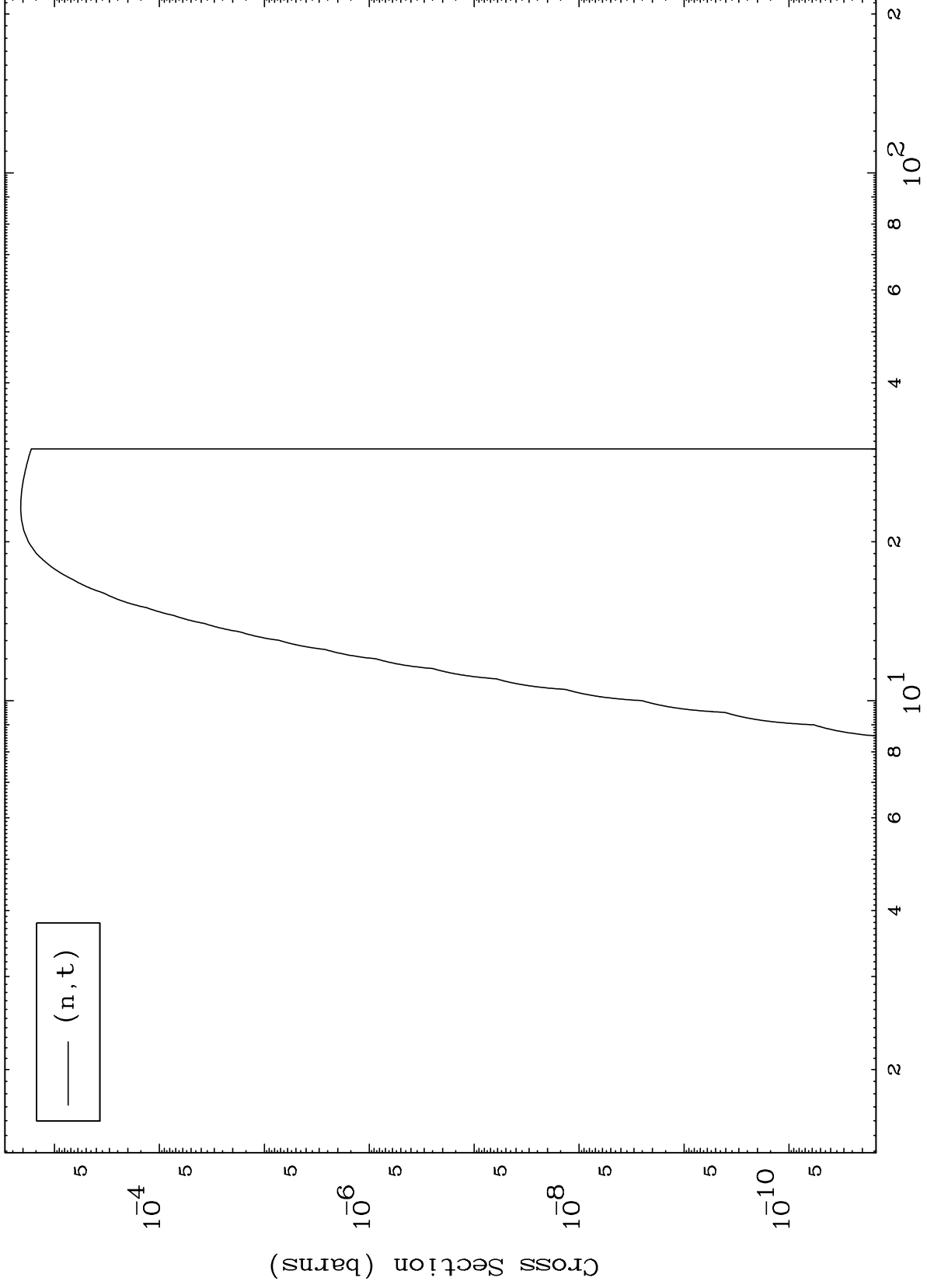
Incident Energy (MeV)

93-Np-236m

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(n,t) Levels
293 Kelvin Cross Sections

93-Np-236m



14

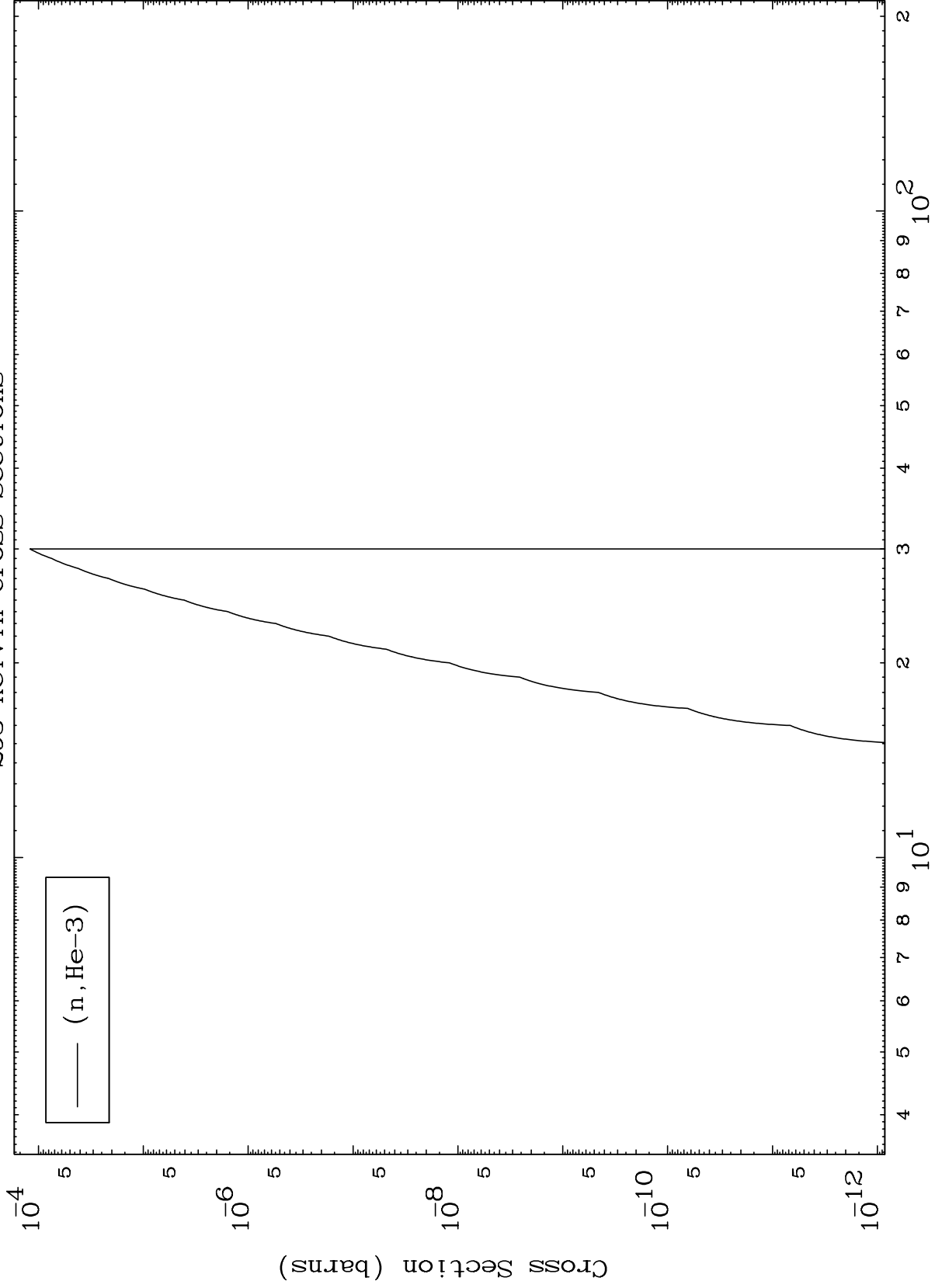
Incident Energy (MeV)

93-Np-236m

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(n,He3) Levels
293 Kelvin Cross Sections

93-Np-236m



15

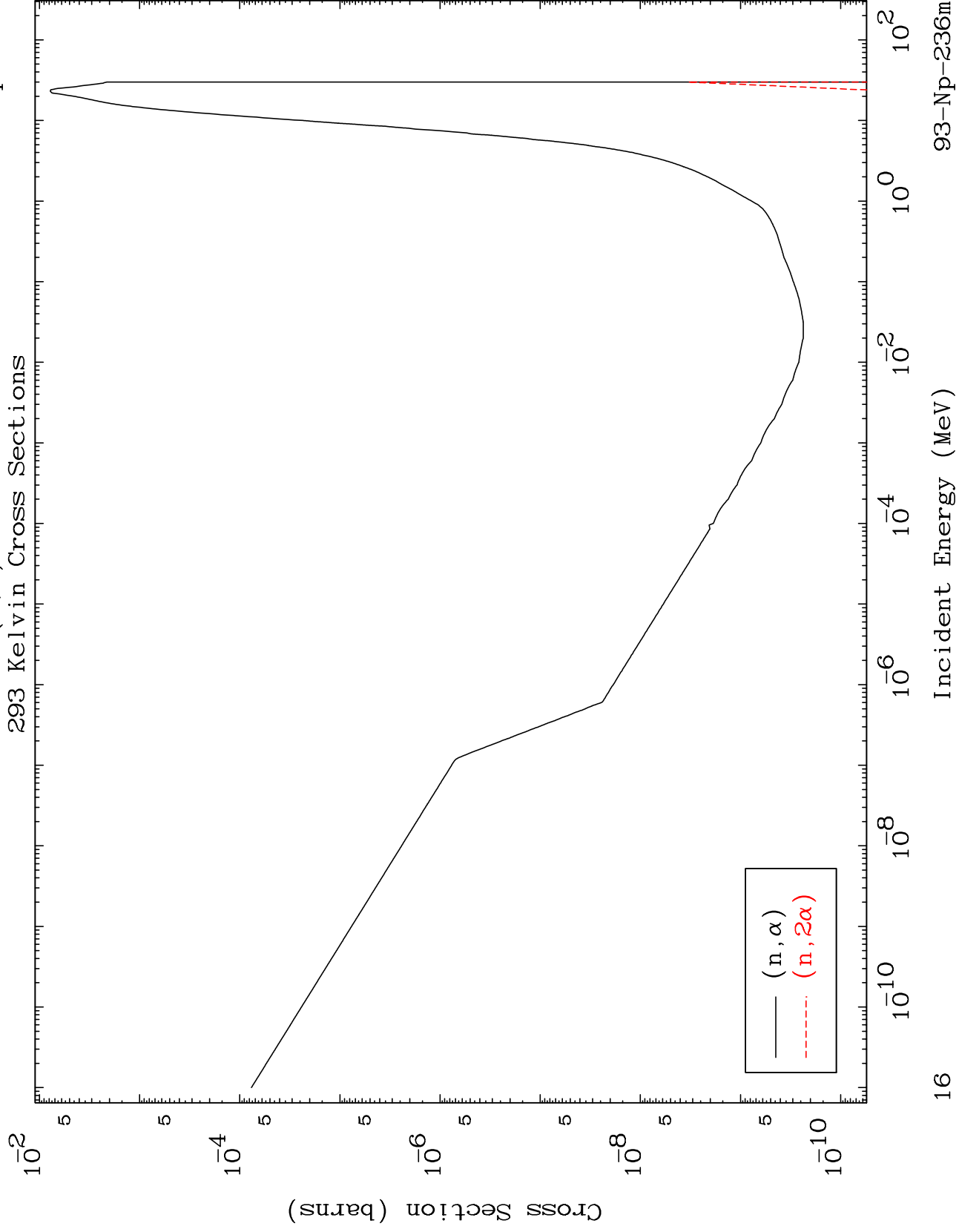
Incident Energy (MeV)

93-Np-236m

MAT 9344

(n, α) Levels
293 Kelvin Cross Sections

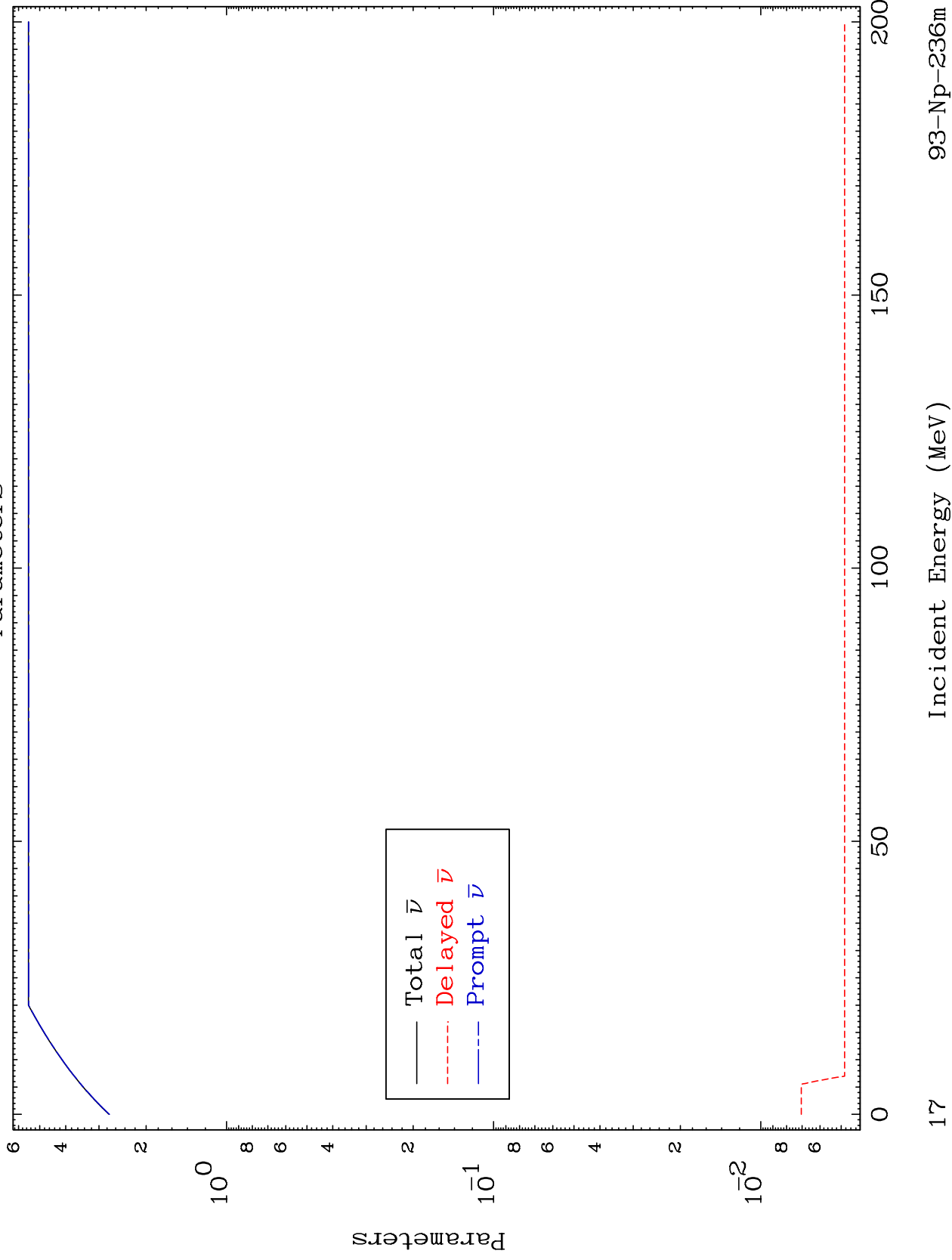
93-Np-236m



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Energy Release
Parameters

93-Np-236m



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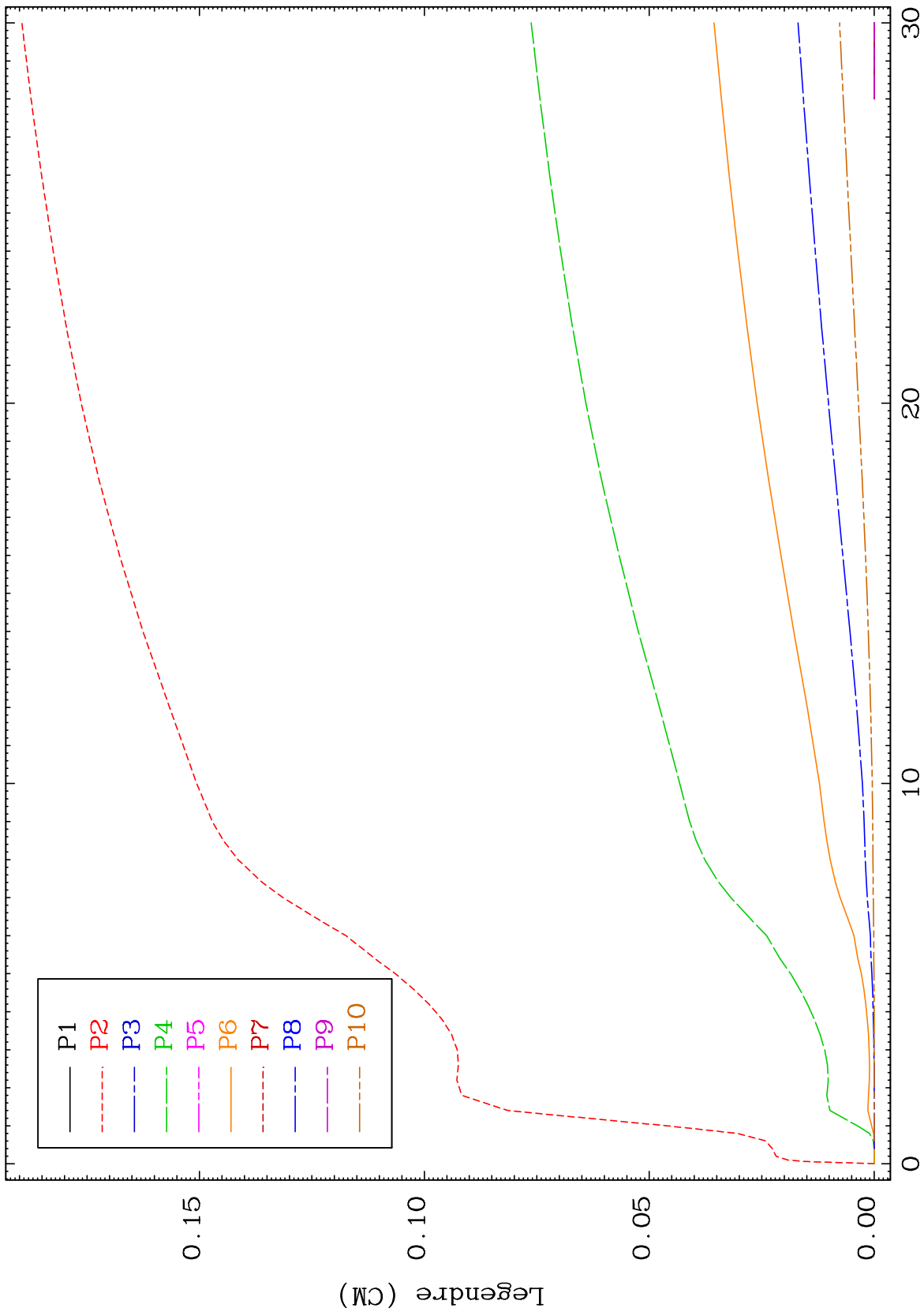
Incident Energy (MeV)

93-Np-236m

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Elastic Legendre Coefficients

93-Np-236m



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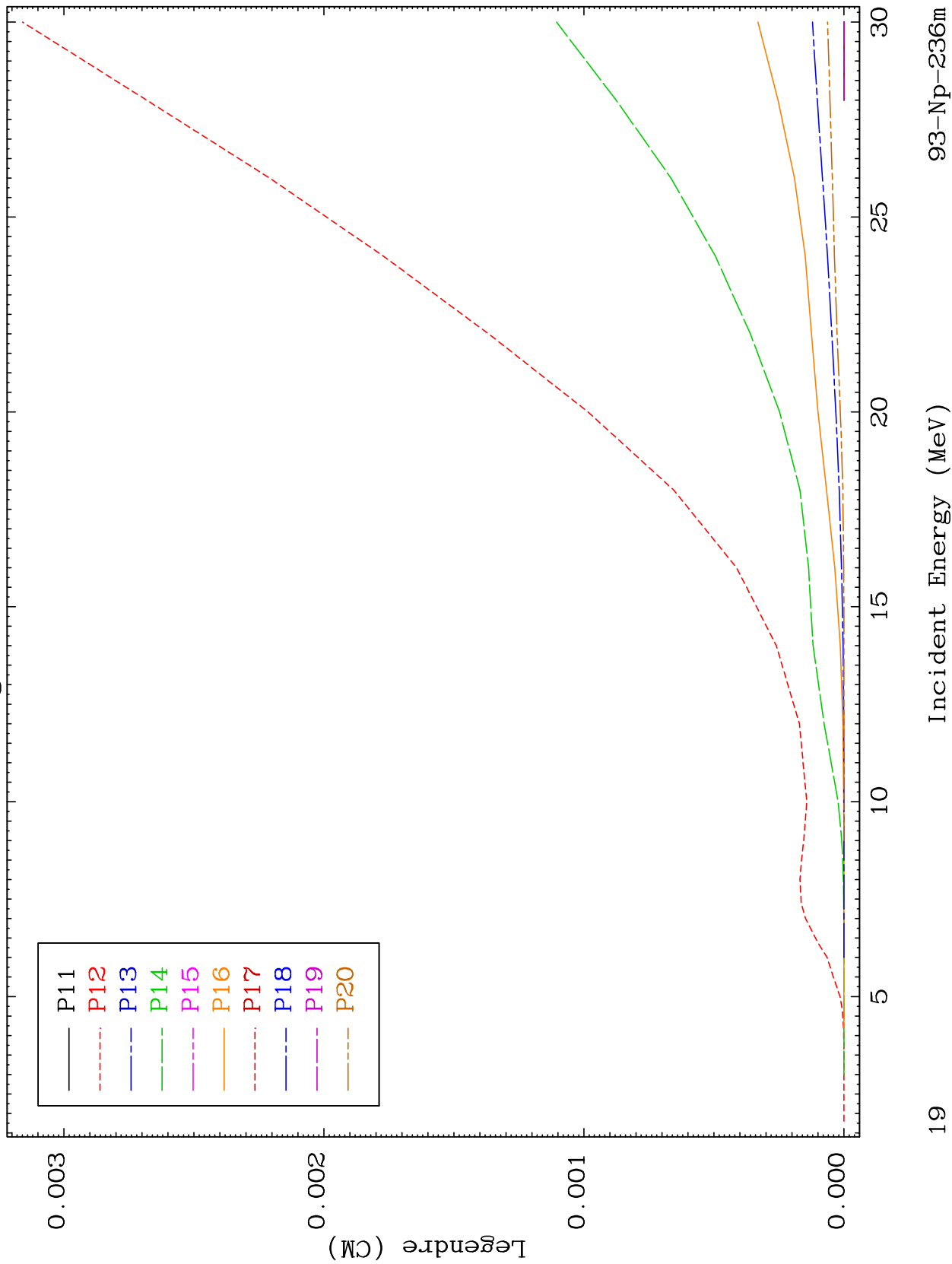
Incident Energy (MeV)

93-Np-236m

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Elastic
Legendre Coefficients

93-Np-236m



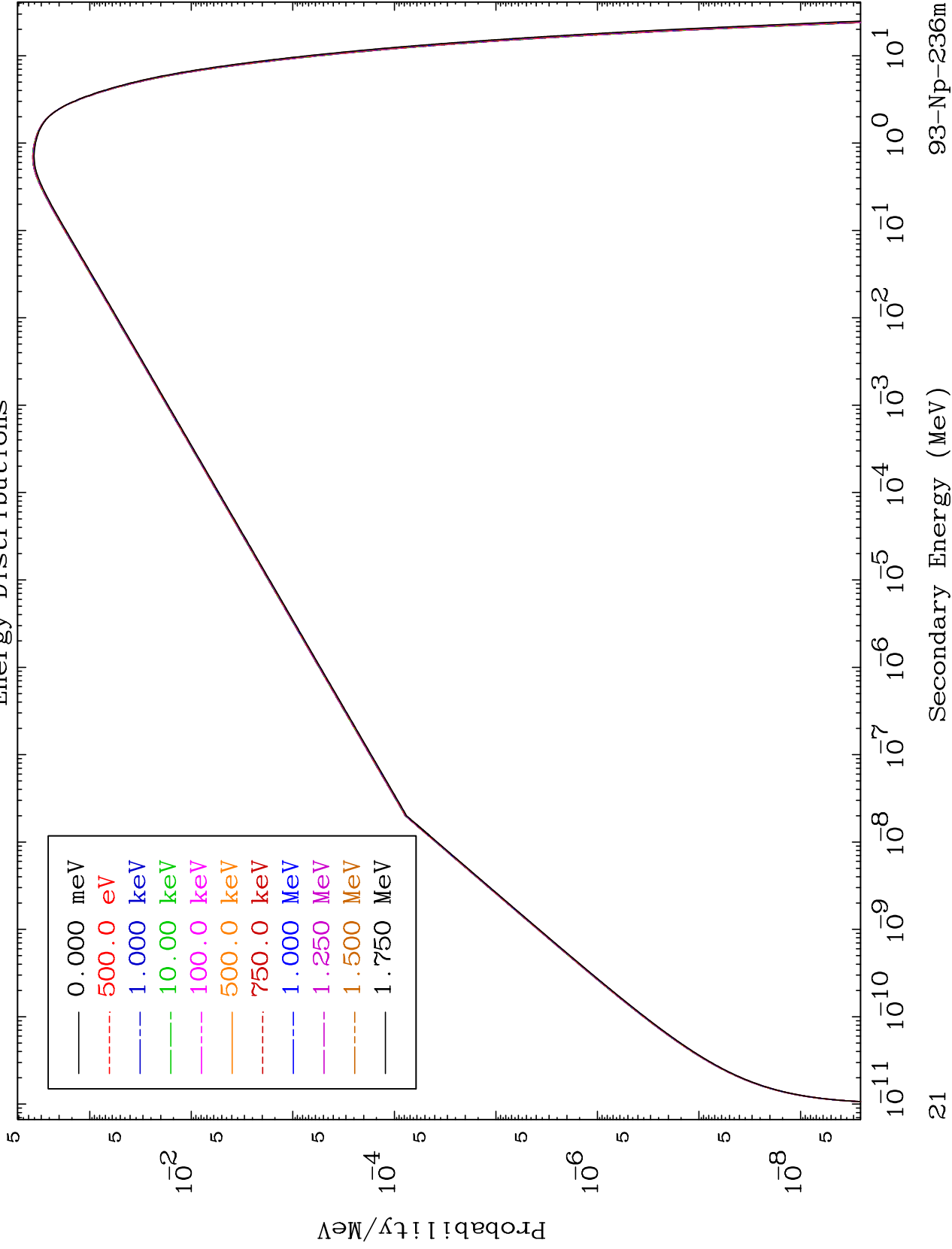
19

93-Np-236m

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Fission Energy Distributions

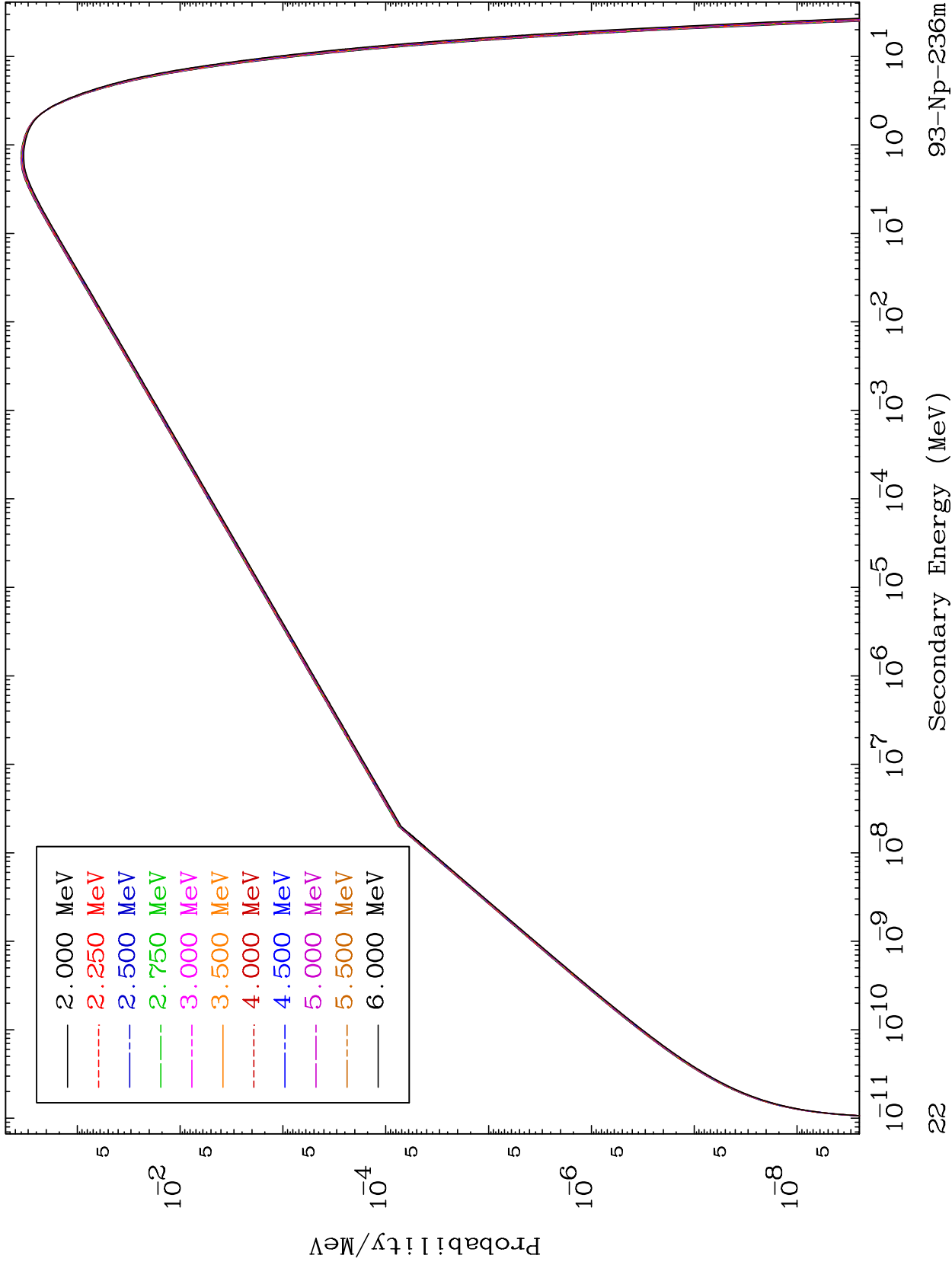
93-Np-236m



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Fission Energy Distributions

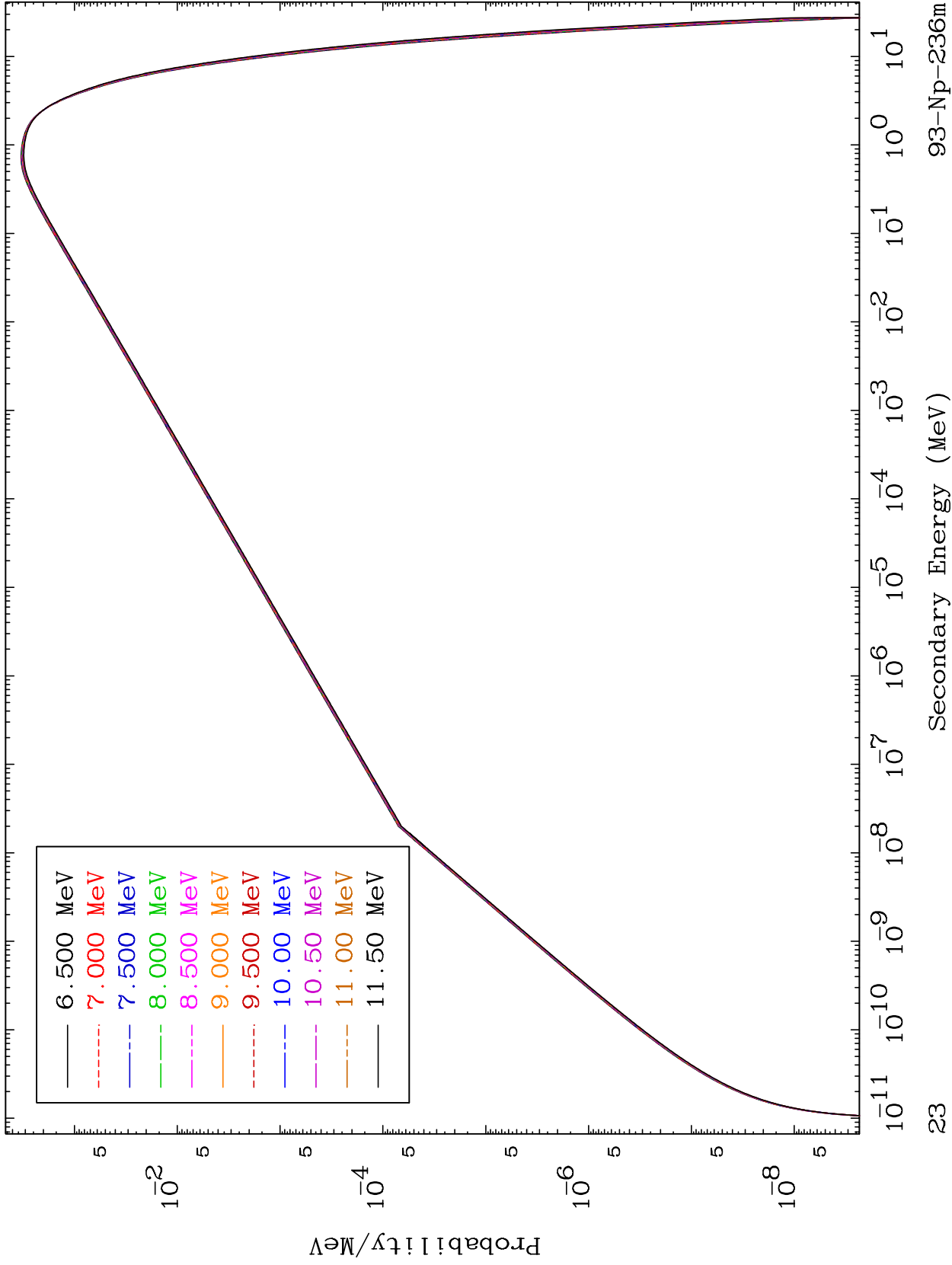
⁹³Np-236m



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Fission Energy Distributions

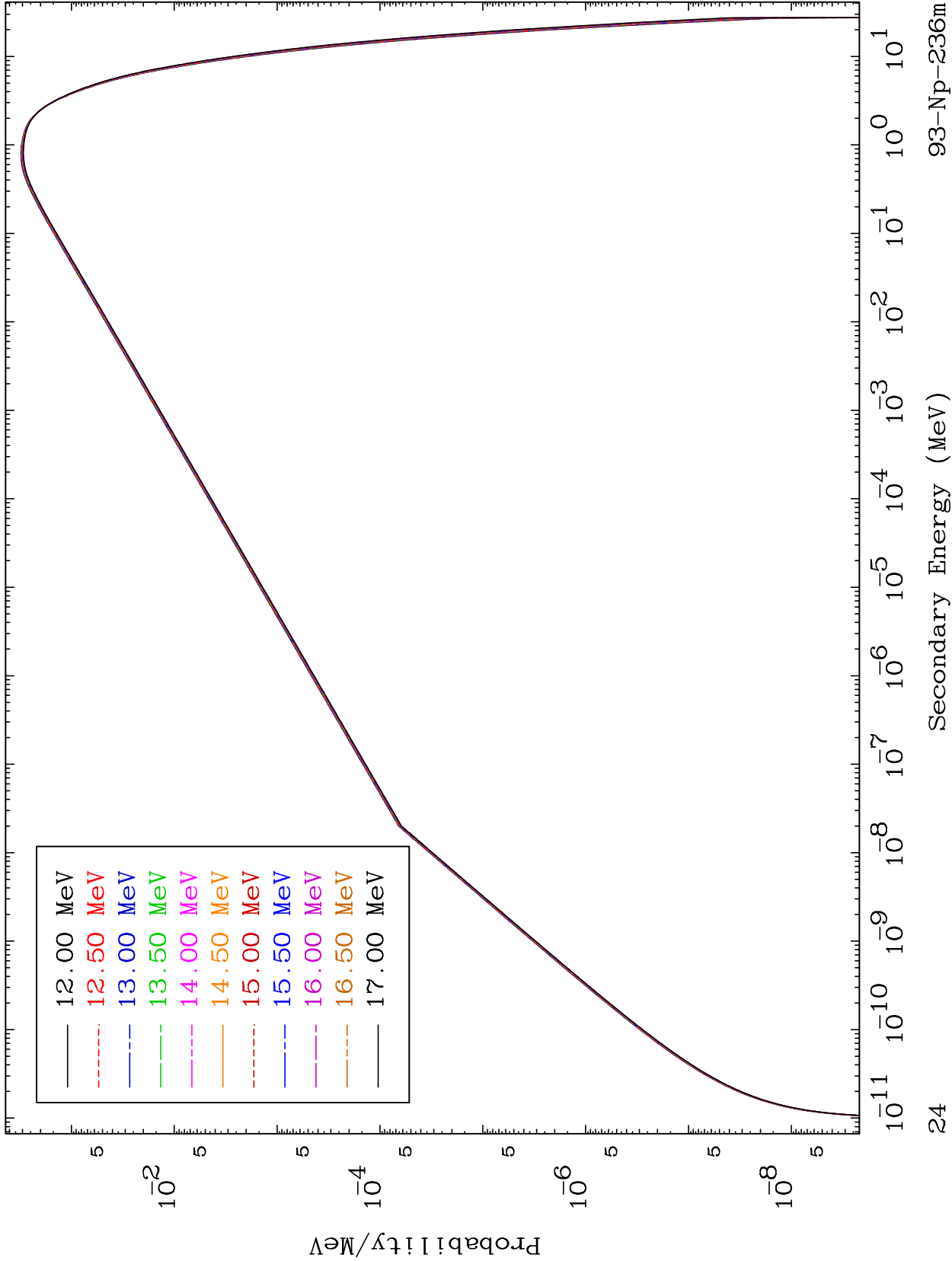
93-Np-236m



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Fission Energy Distributions

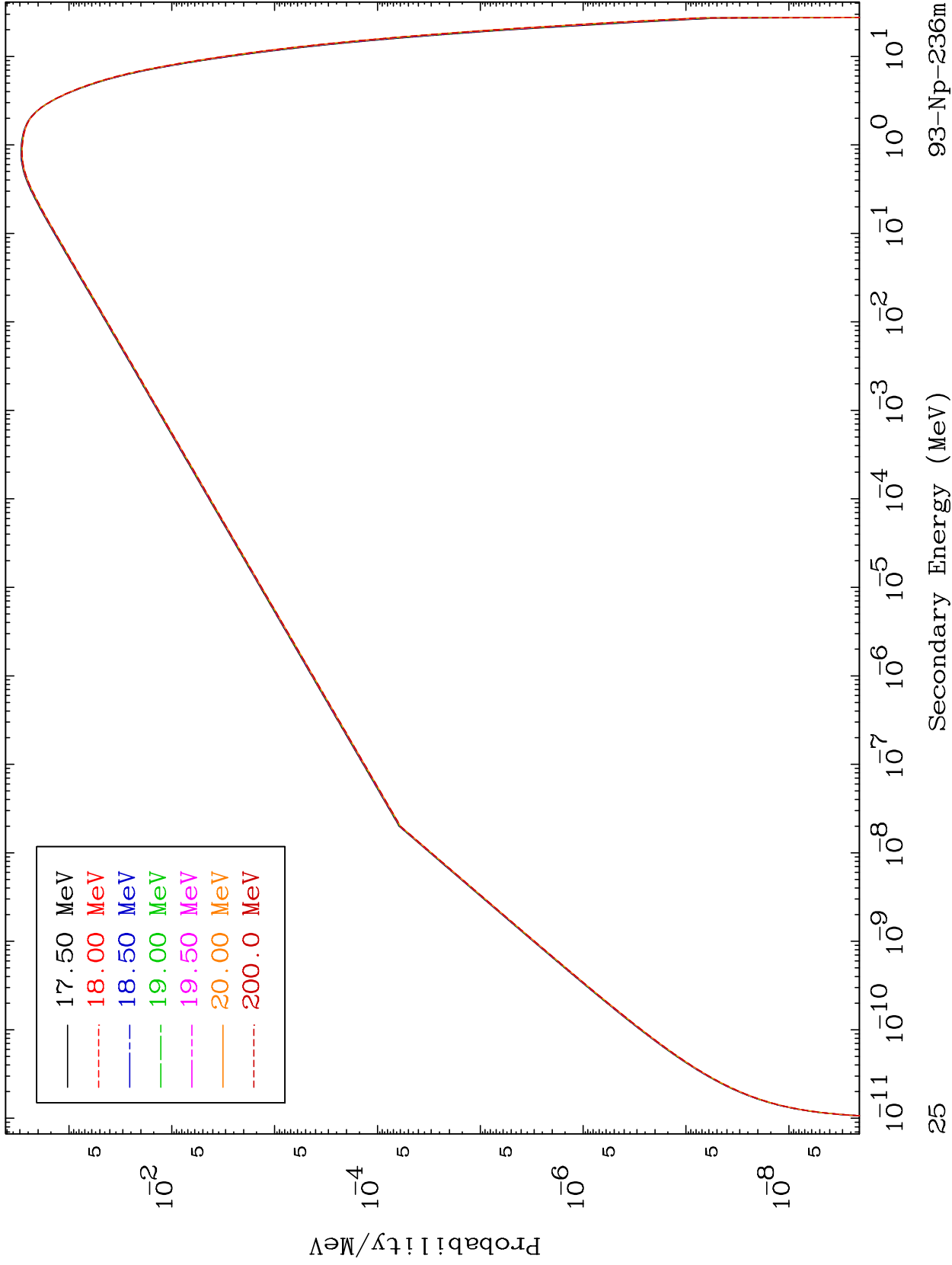
93-Np-236m



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Fission Energy Distributions

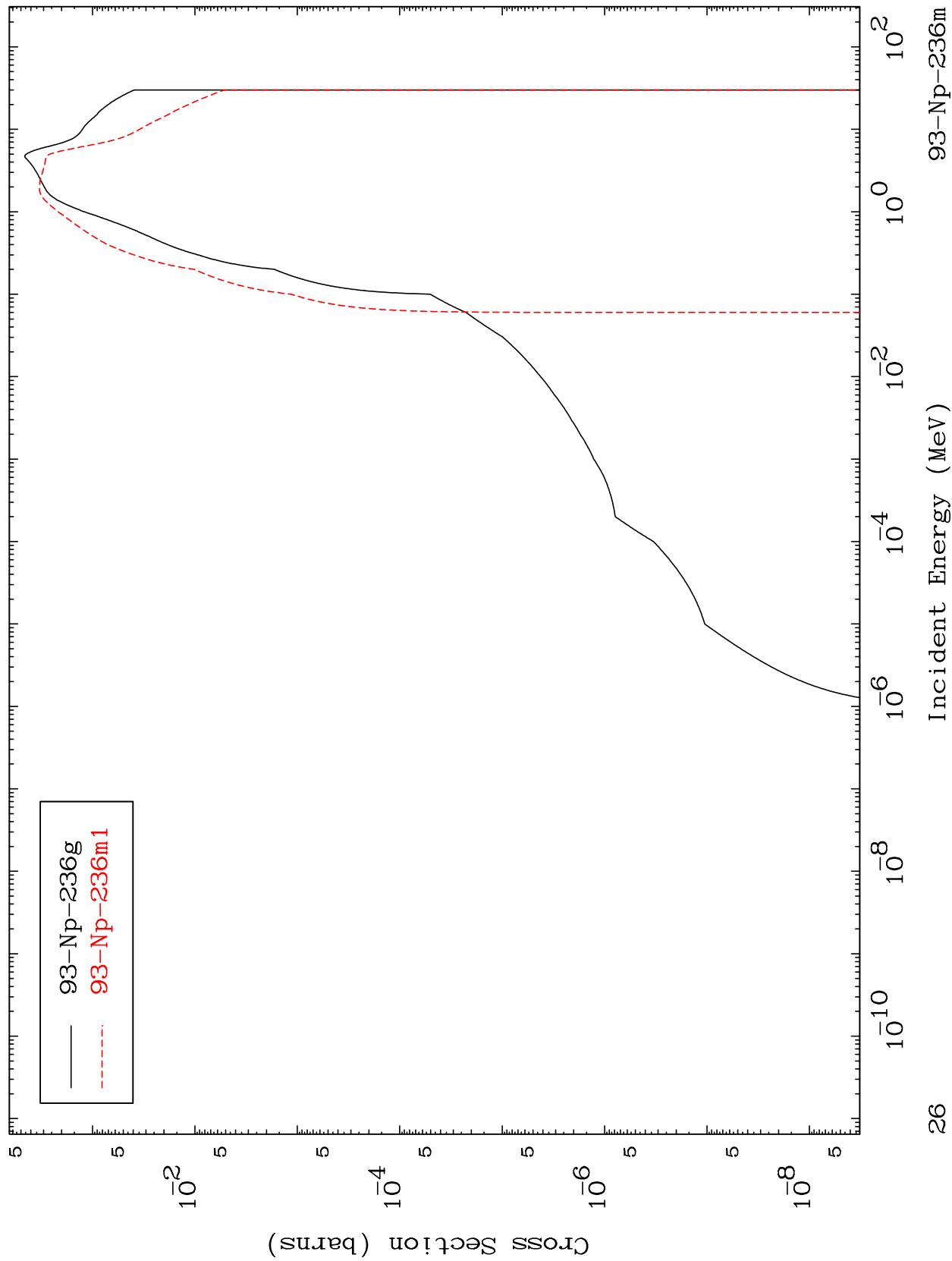
93-Np-236m



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93-Np-236m

Inelastic
Radionuclide Production Cross Section

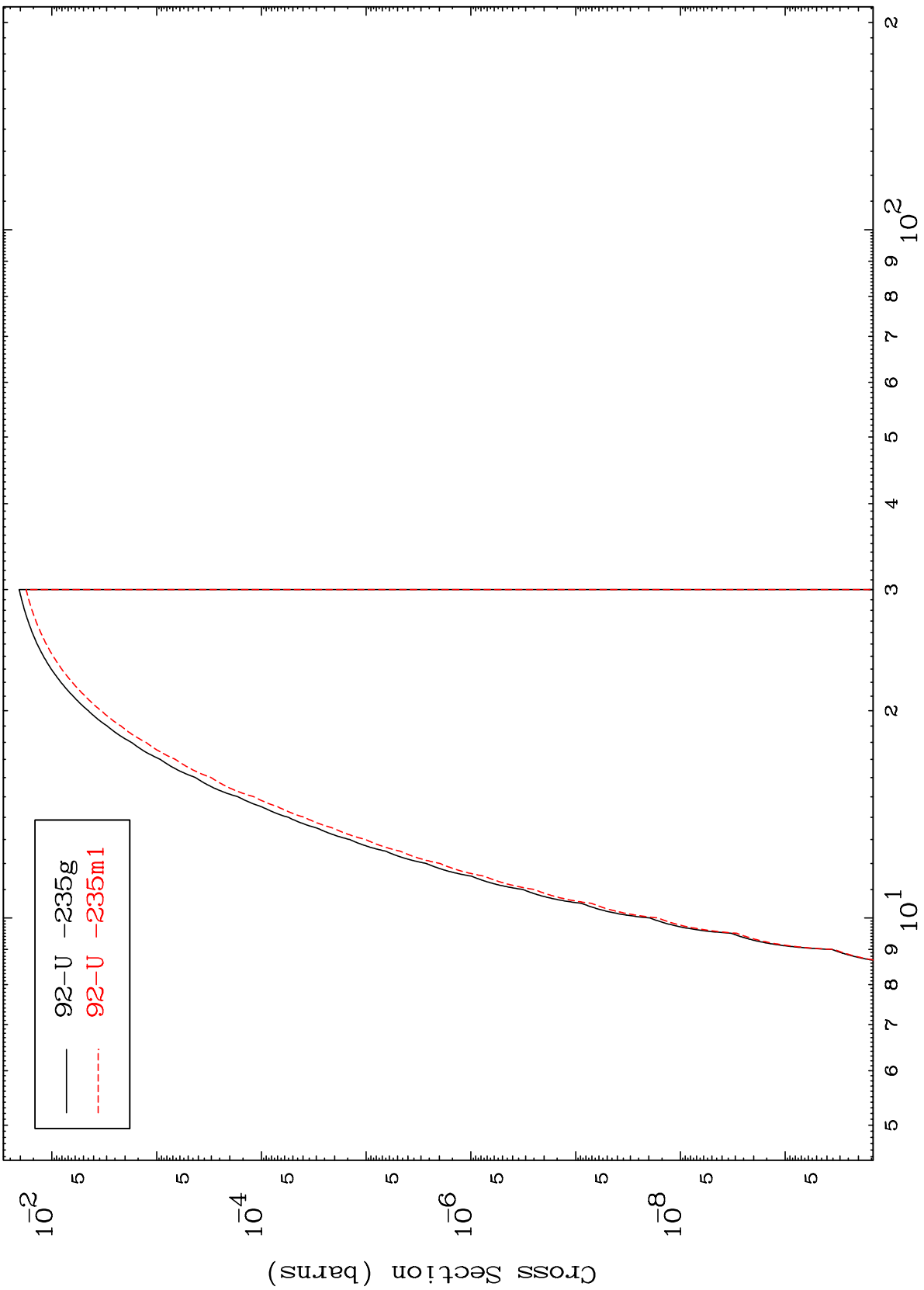


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(n,n') p

93-Np-236m

Radionuclide Production Cross Section



Legend:
— 92-U -235g
- - - 92-U -235m1

Incident Energy (MeV)

93-Np-236m

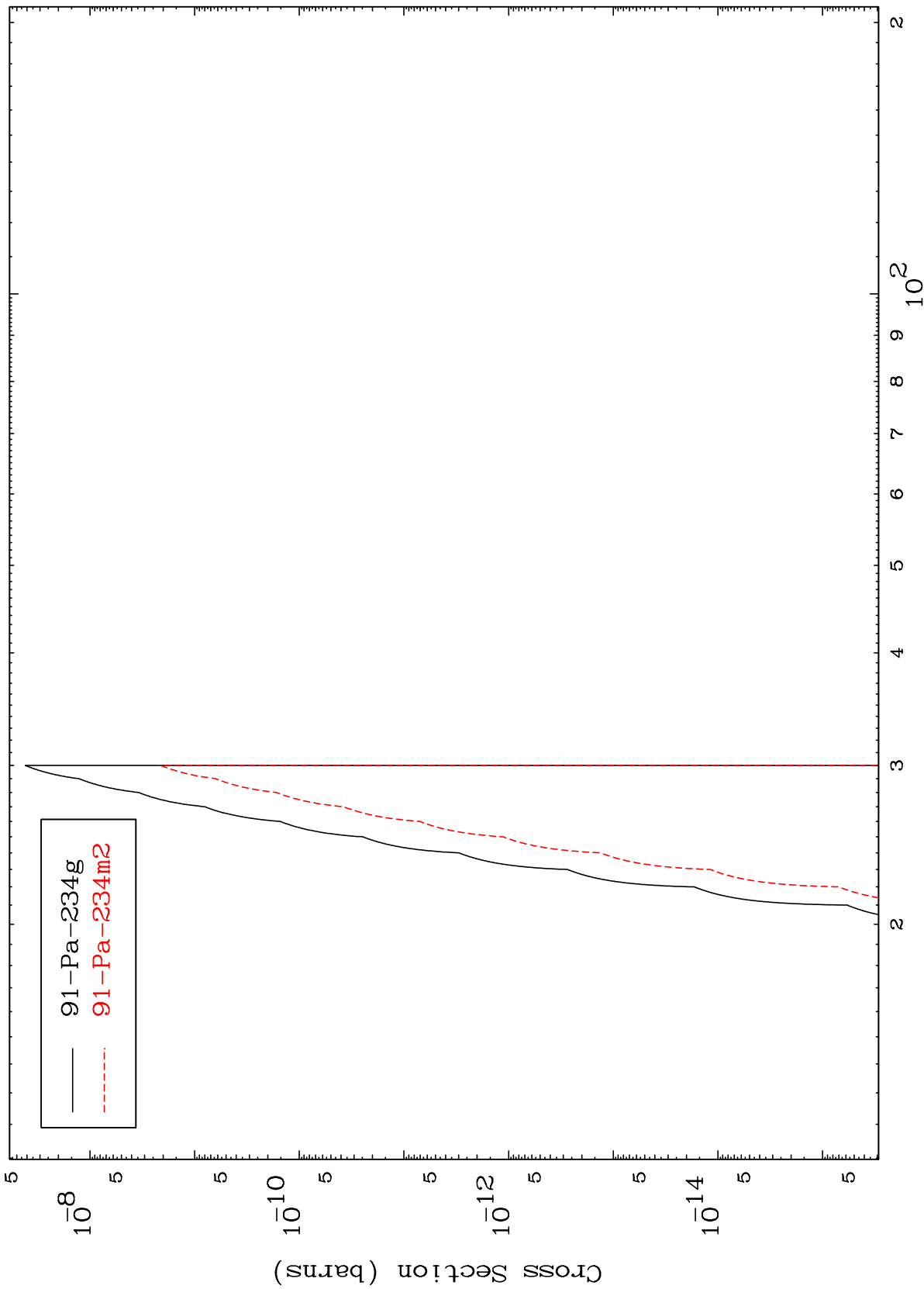
27

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(n,2n) p

93-Np-236m

Radionuclide Production Cross Section



Incident Energy (MeV)

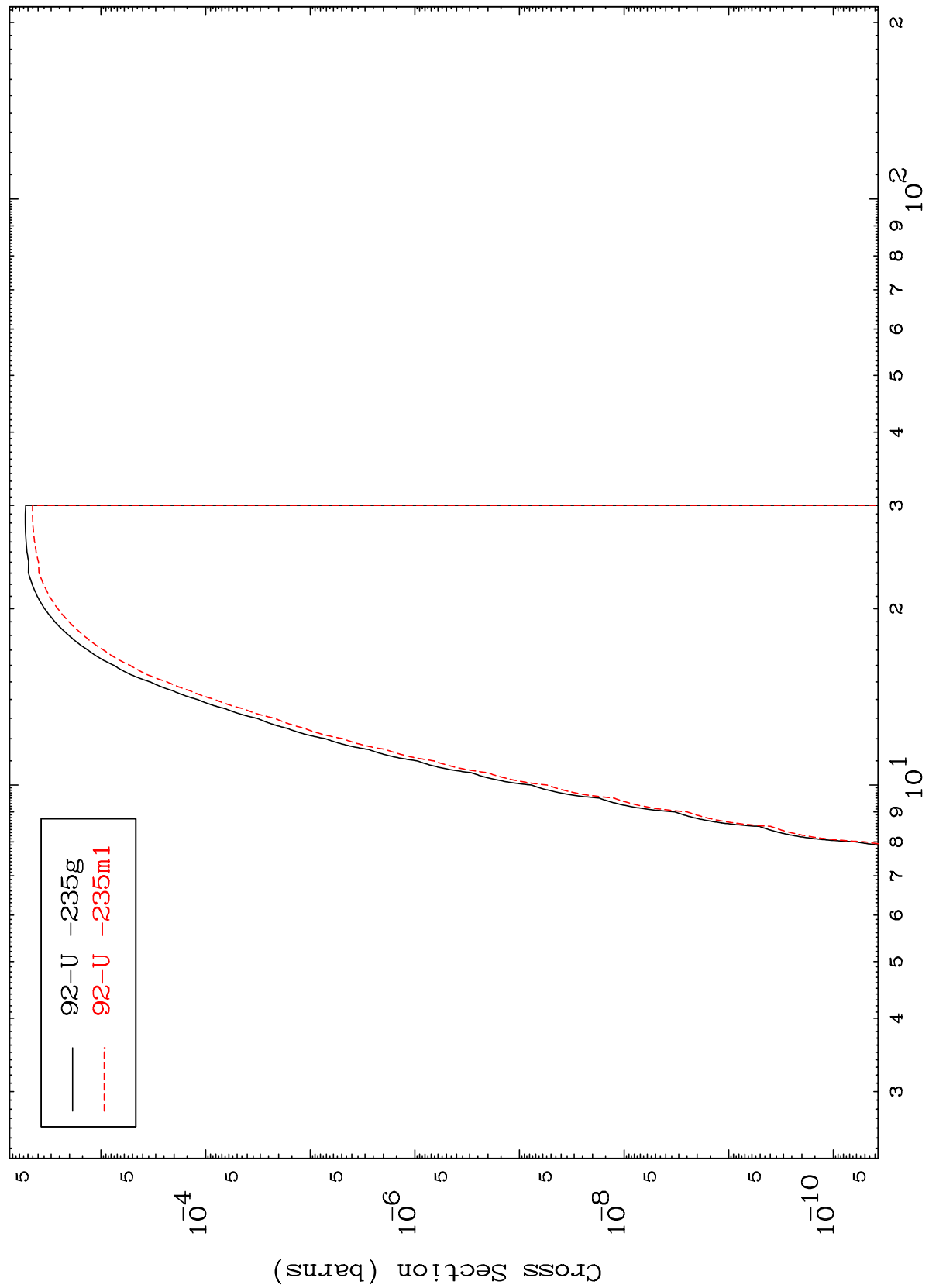
93-Np-236m

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93-Np-236m

(n,d)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

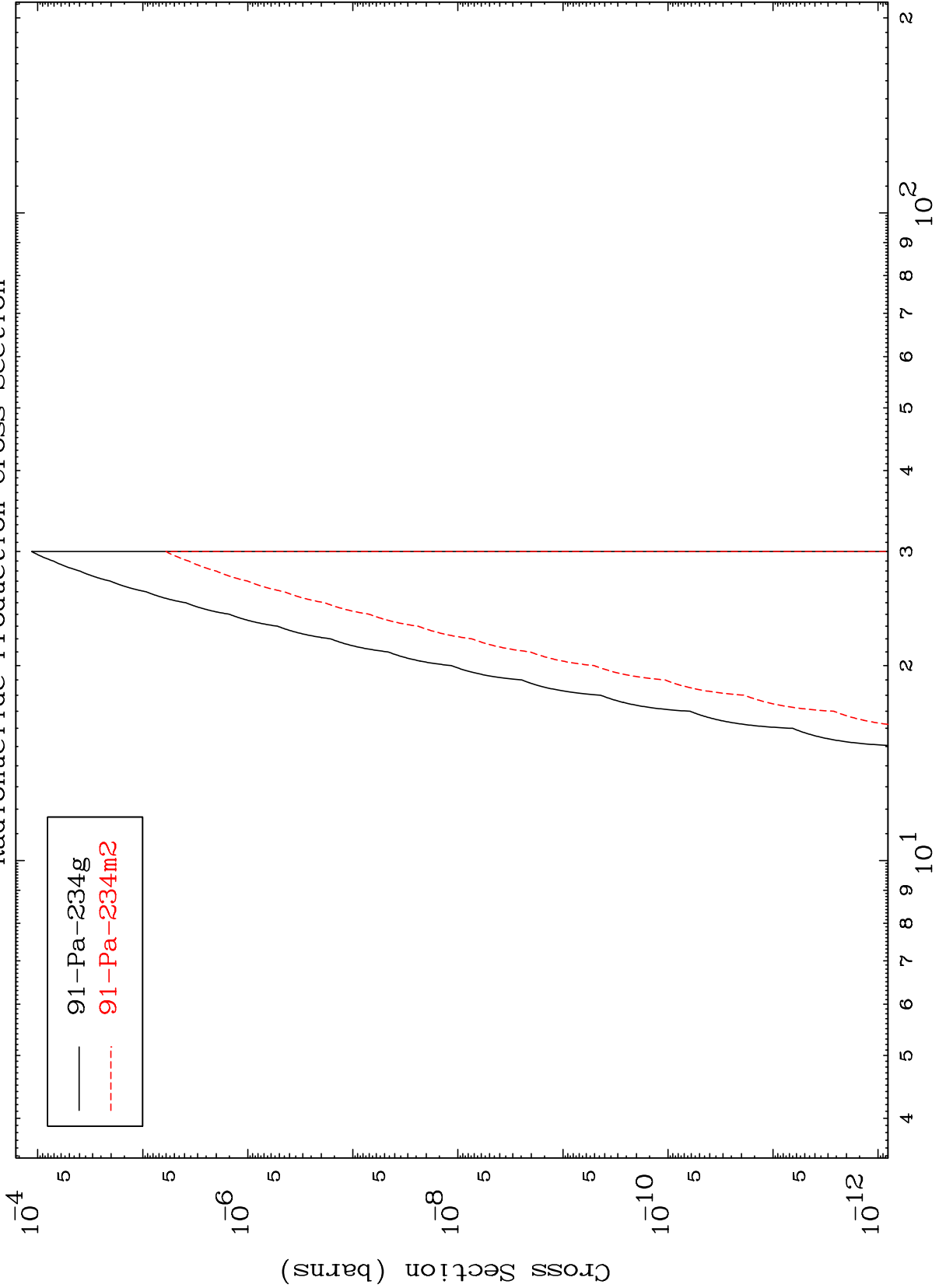
93-Np-236m

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(n,He-3)

93-Np-236m

Radionuclide Production Cross Section



91-Pa-234g
91-Pa-234m2

30

Incident Energy (MeV)

93-Np-236m