

Program EVALPLOT
(Version 2021-1)

by

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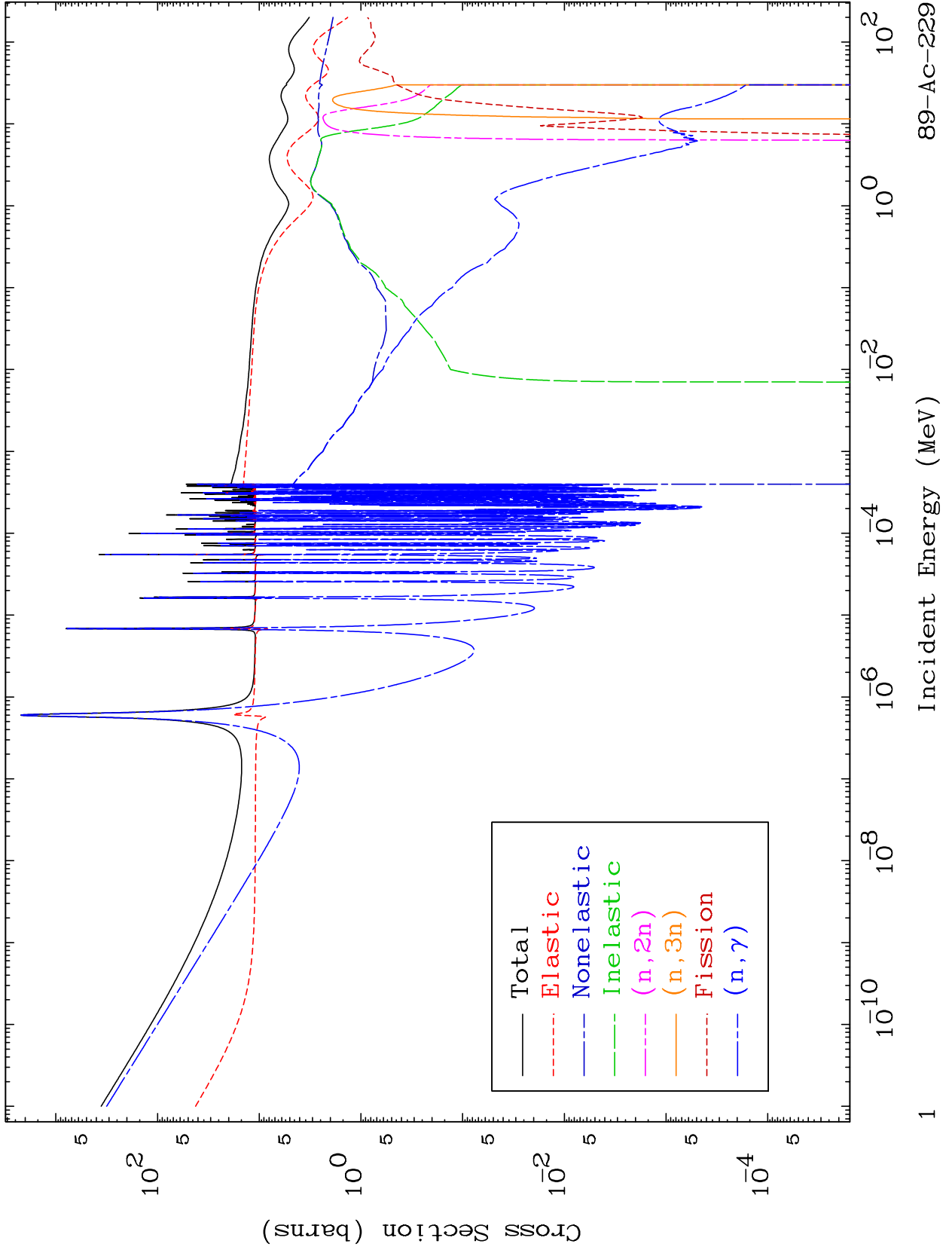
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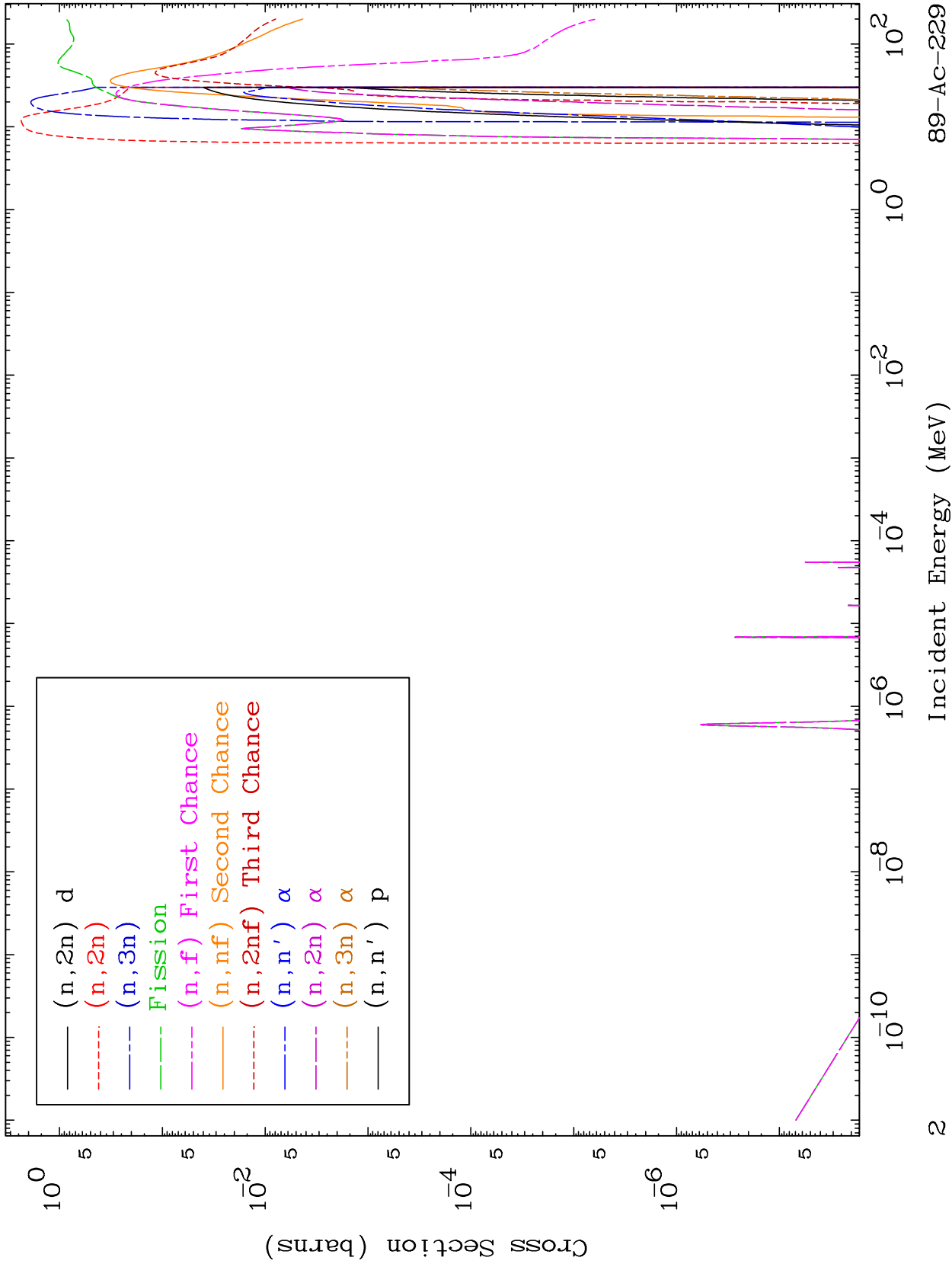
Press Mouse Button to Start

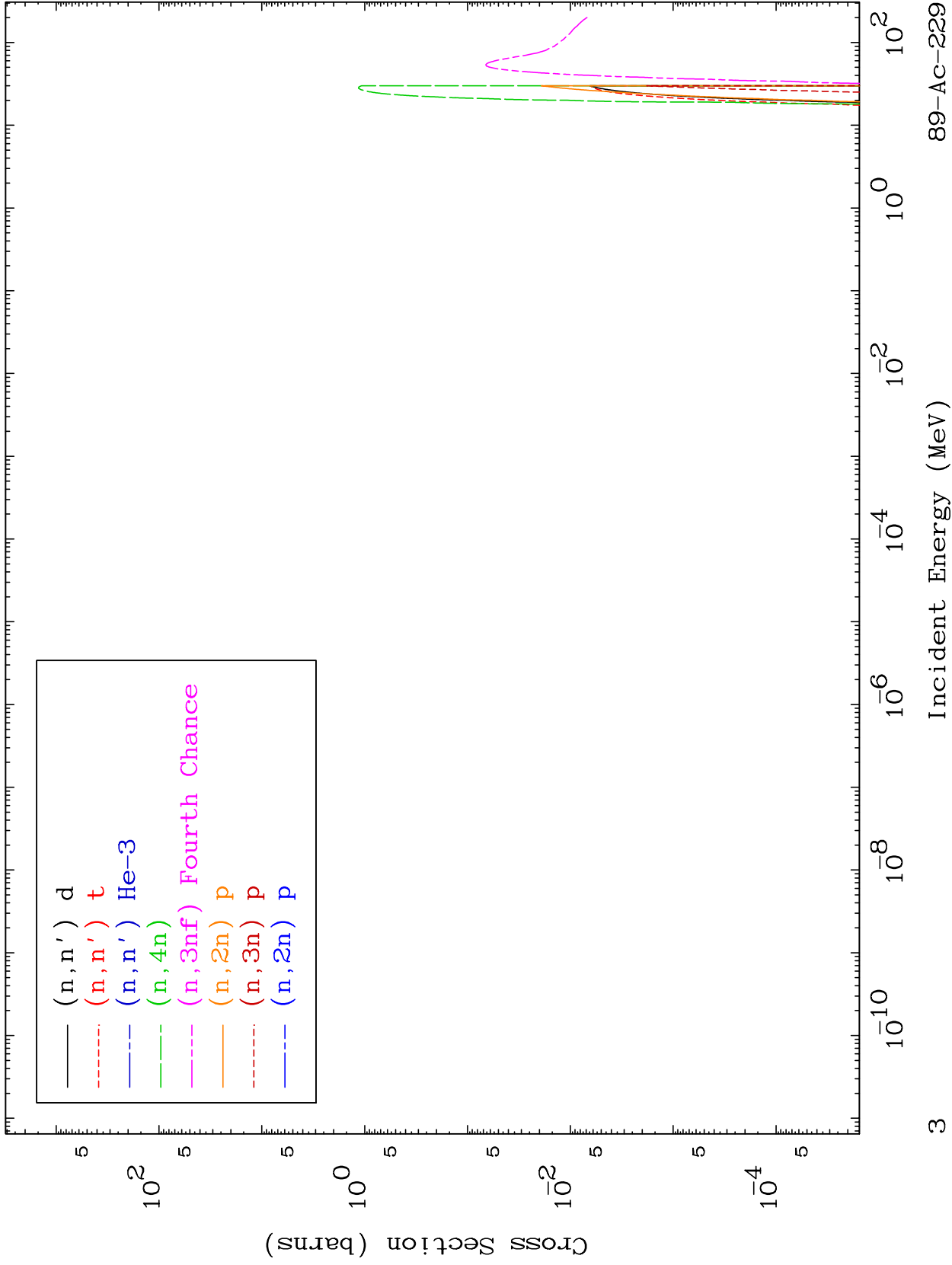
MAT 8937

Neutron Major
293 Kelvin Cross Sections

89-Ac-229



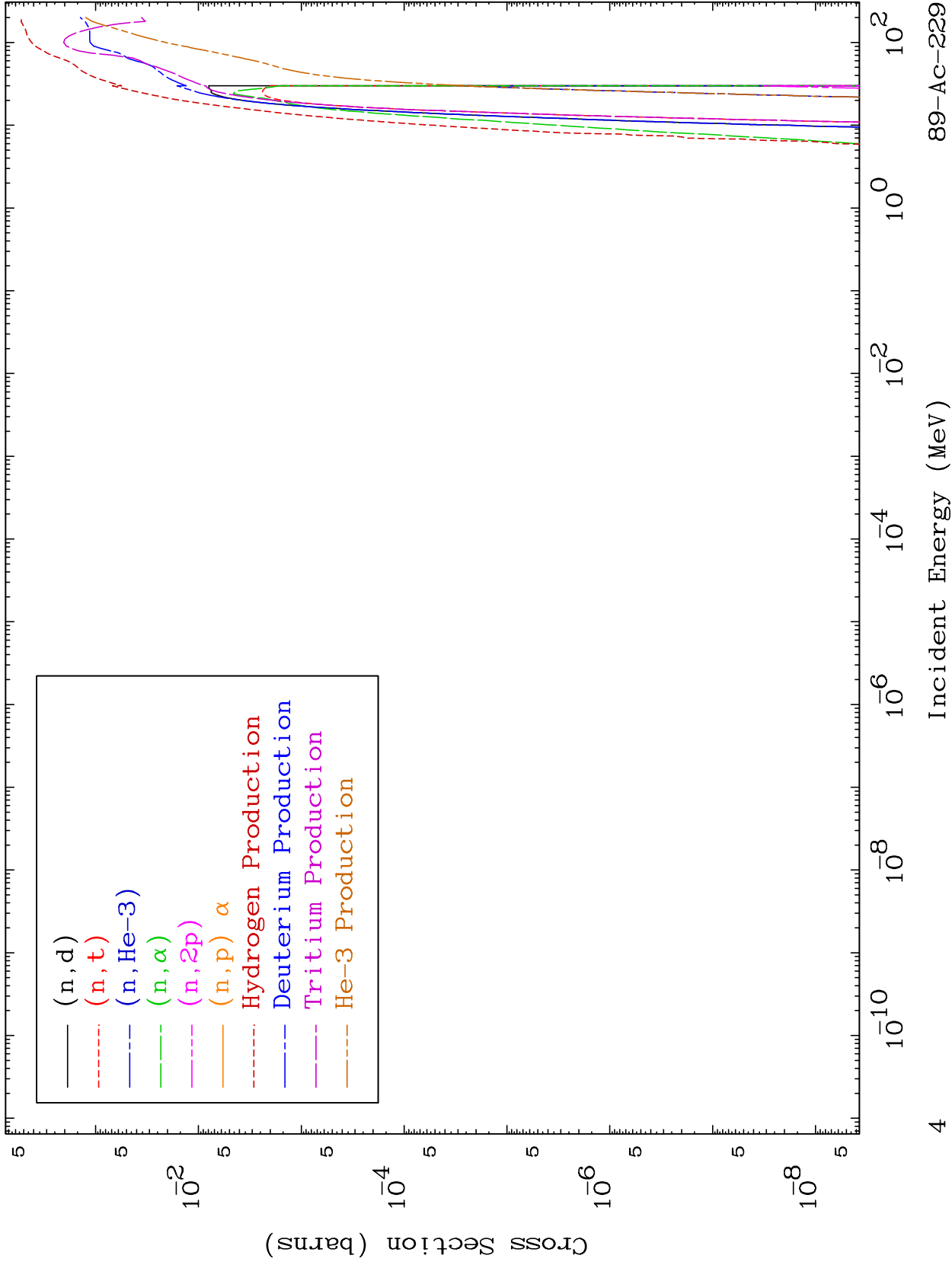




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Neutron Absorption
293 Kelvin Cross Sections

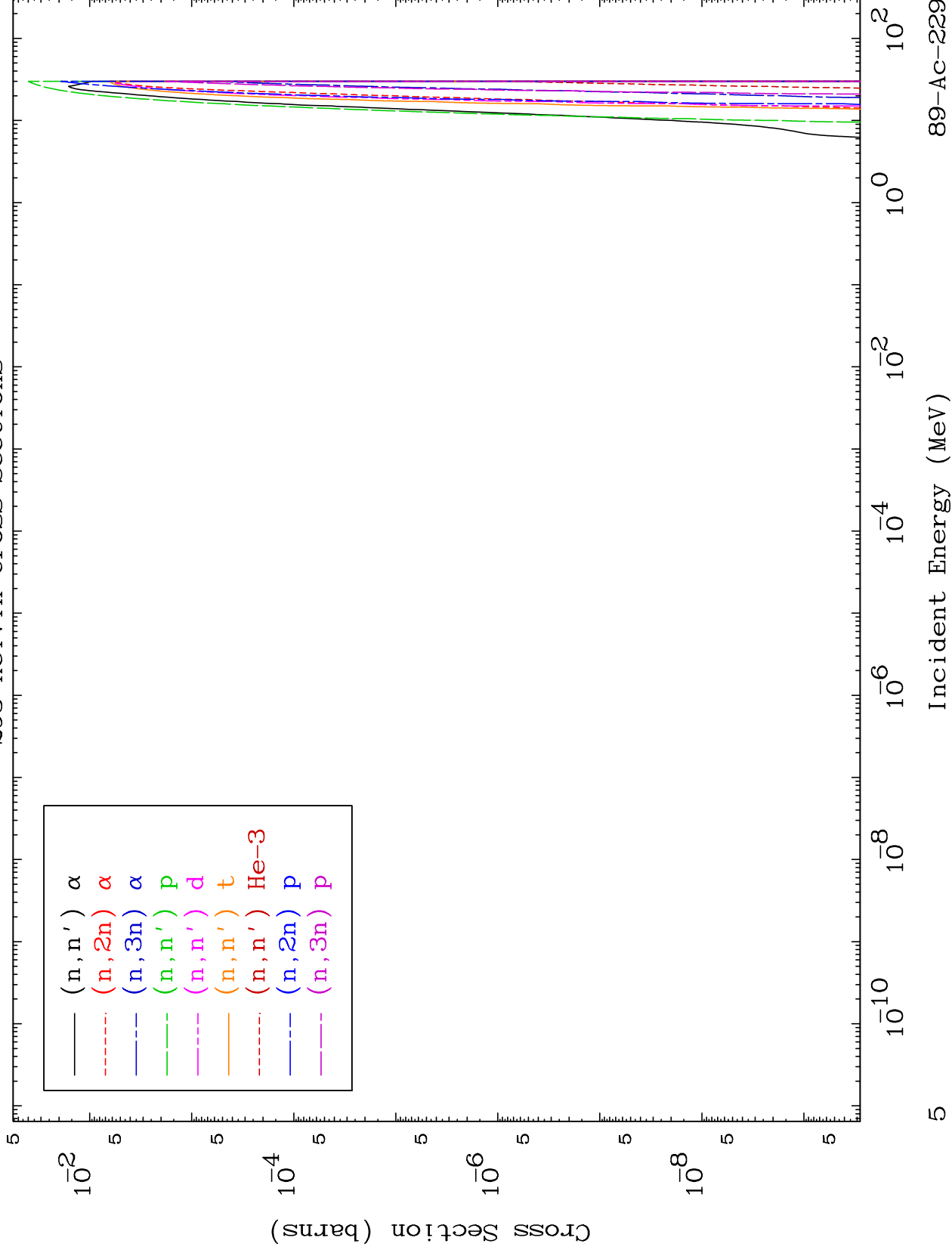
89-Ac-229



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Charged Particle
293 Kelvin Cross Sections

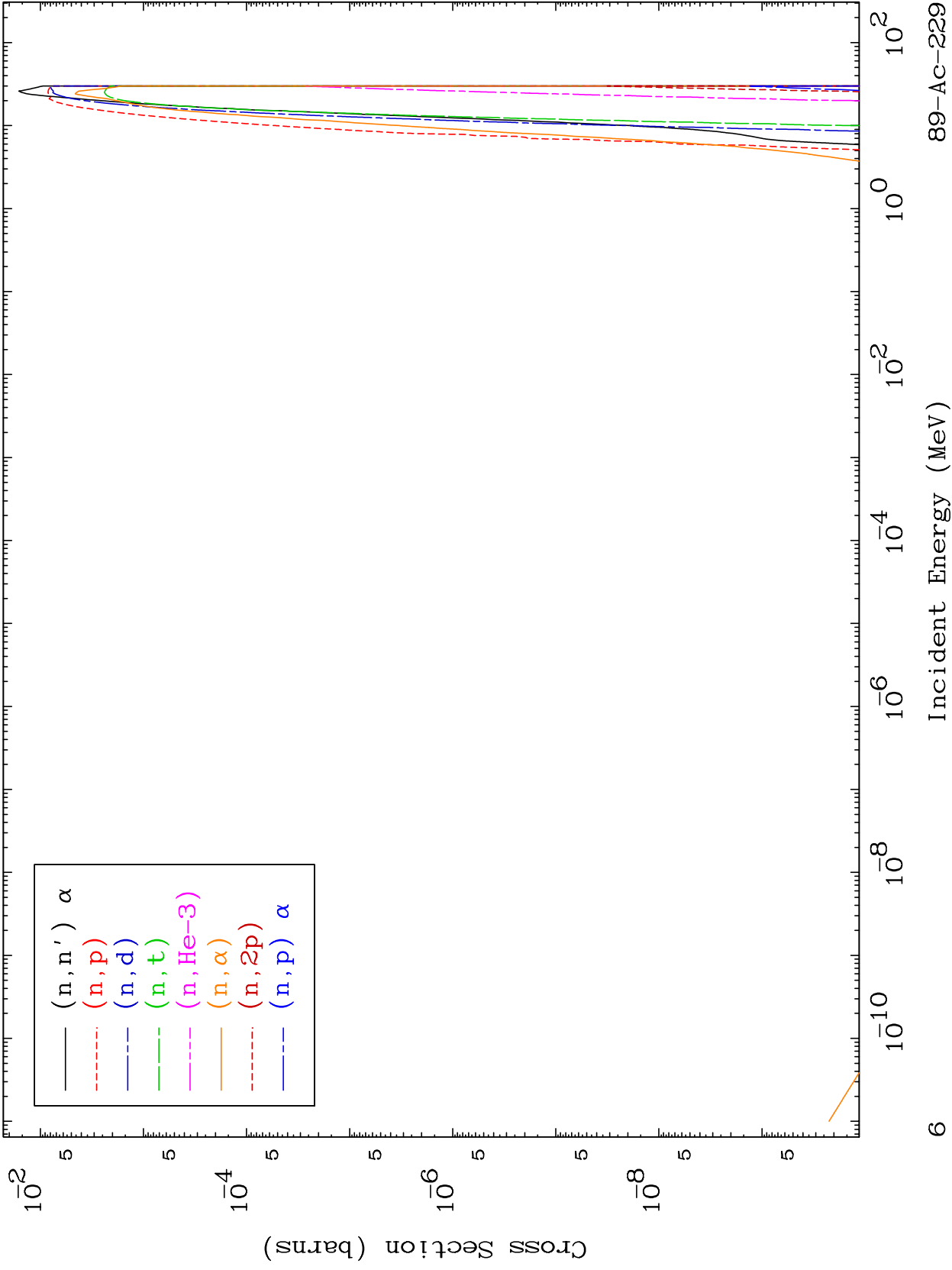
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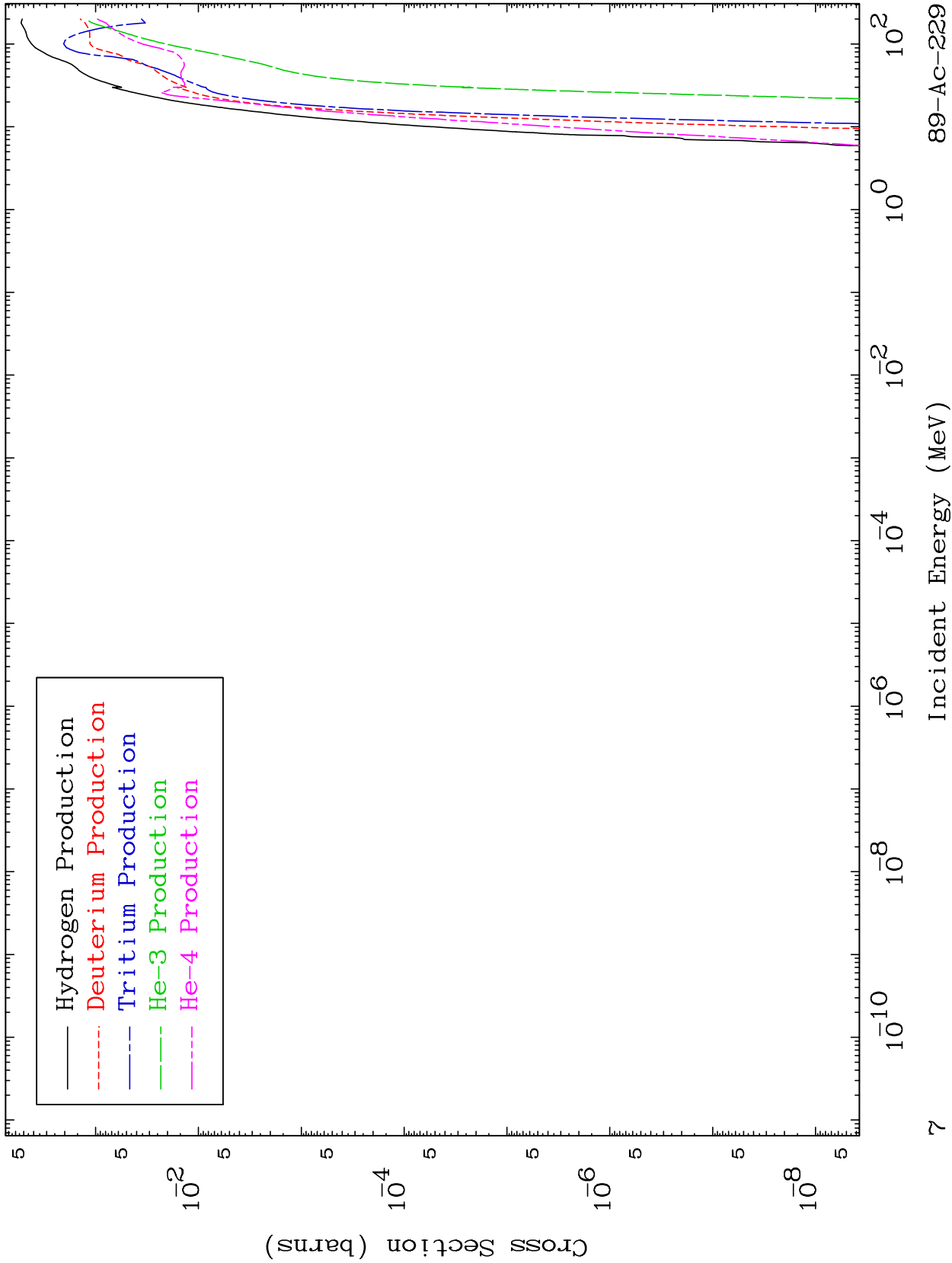


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Charged Particle
293 Kelvin Cross Sections

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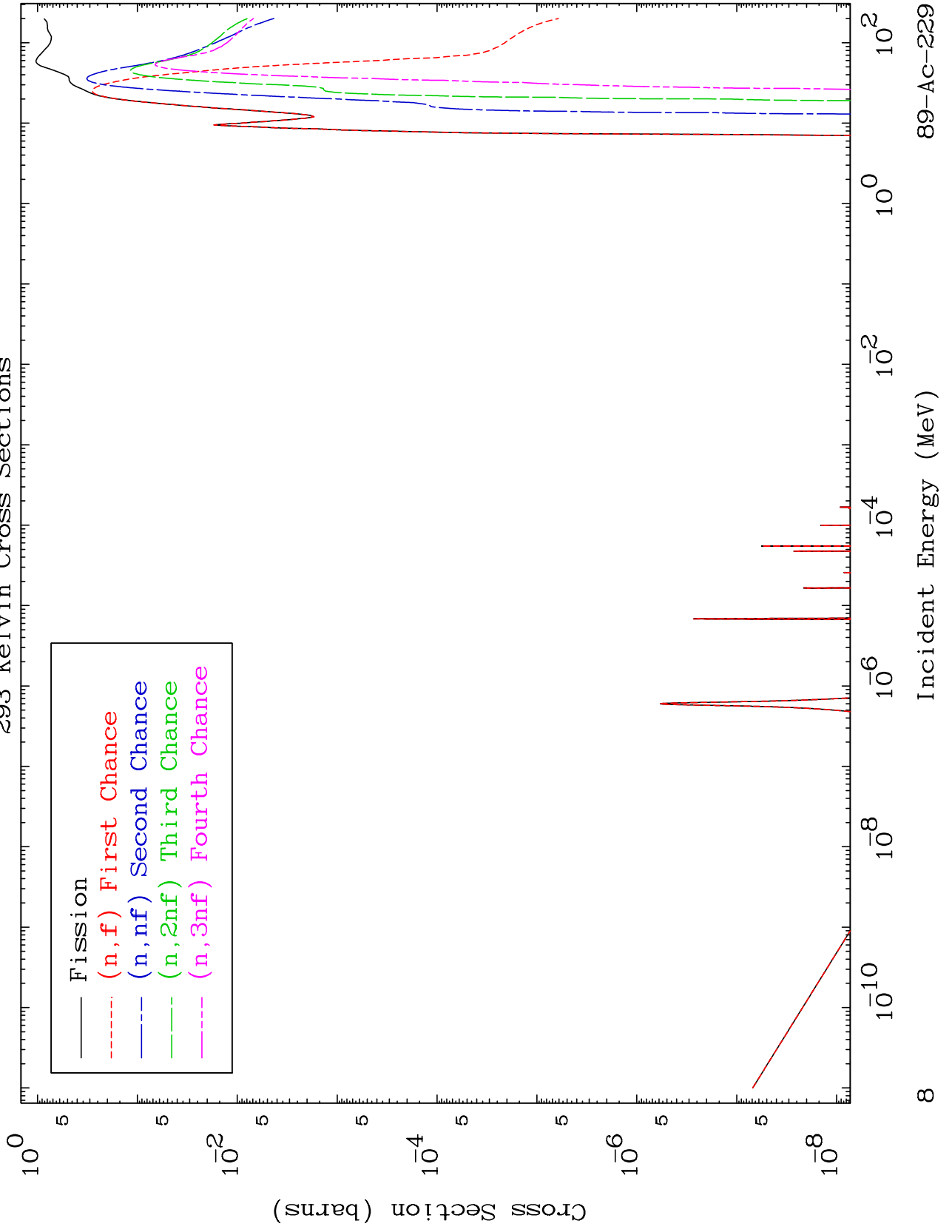


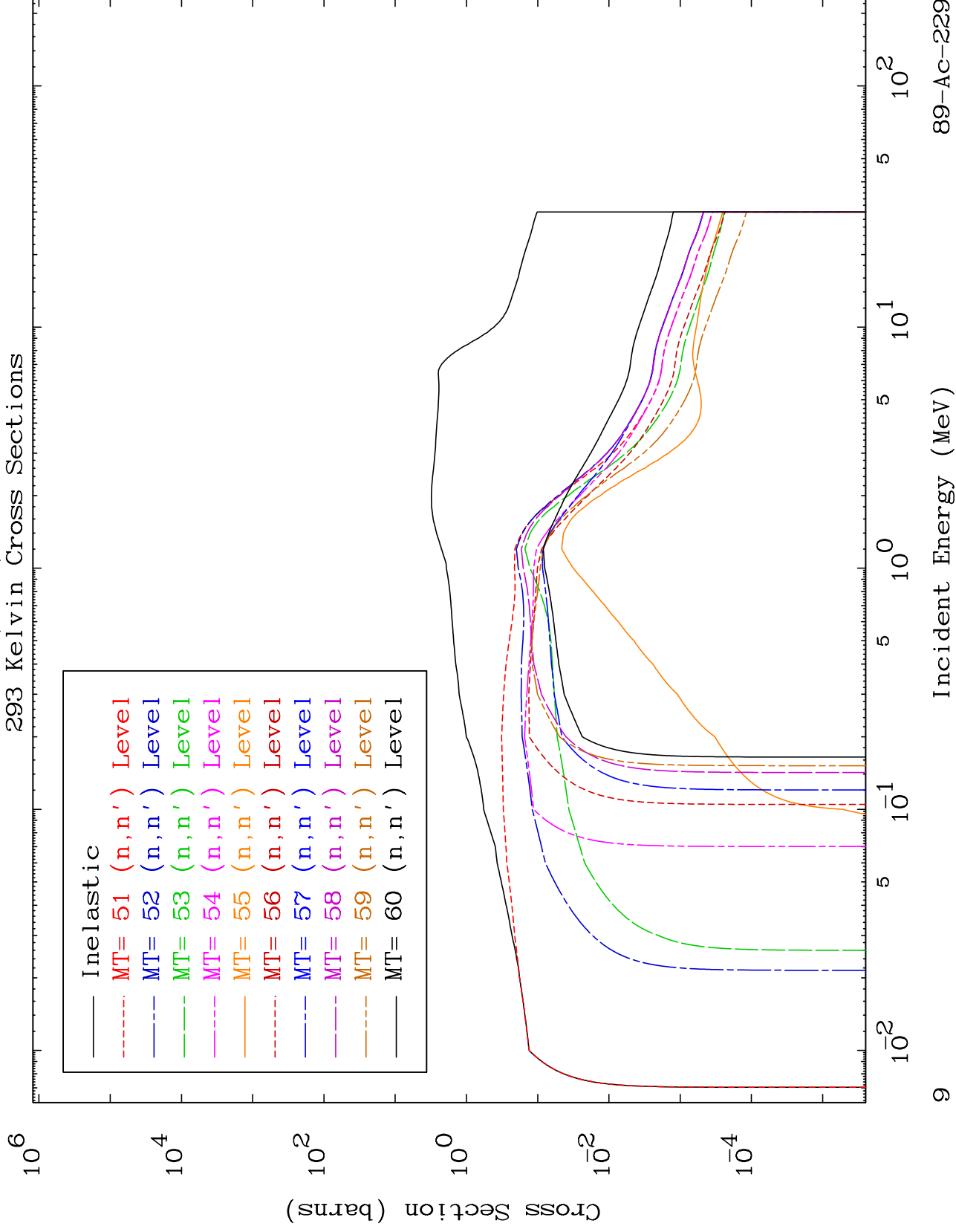


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Fission
293 Kelvin Cross Sections

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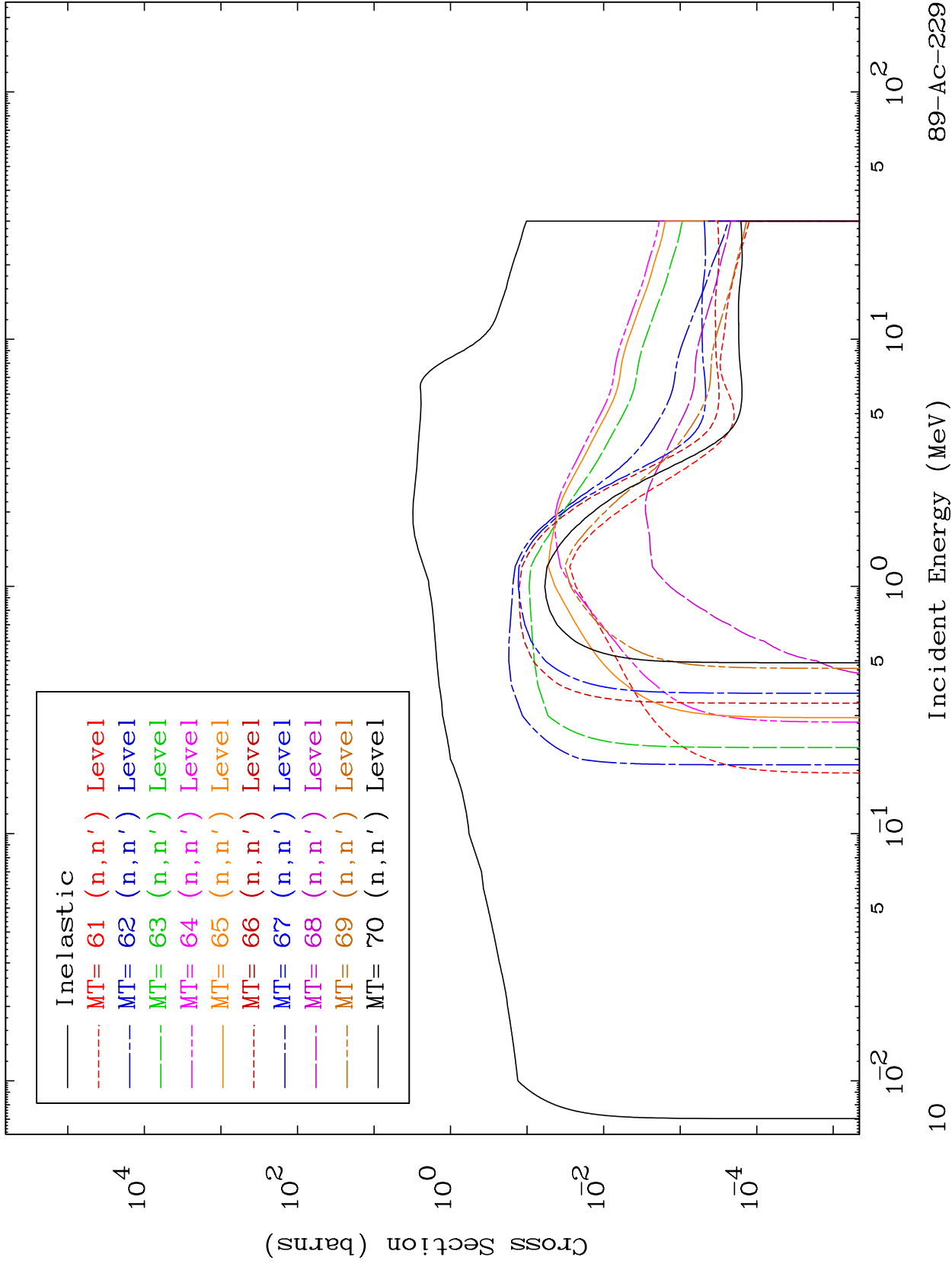




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(n,n') Levels
293 Kelvin Cross Sections

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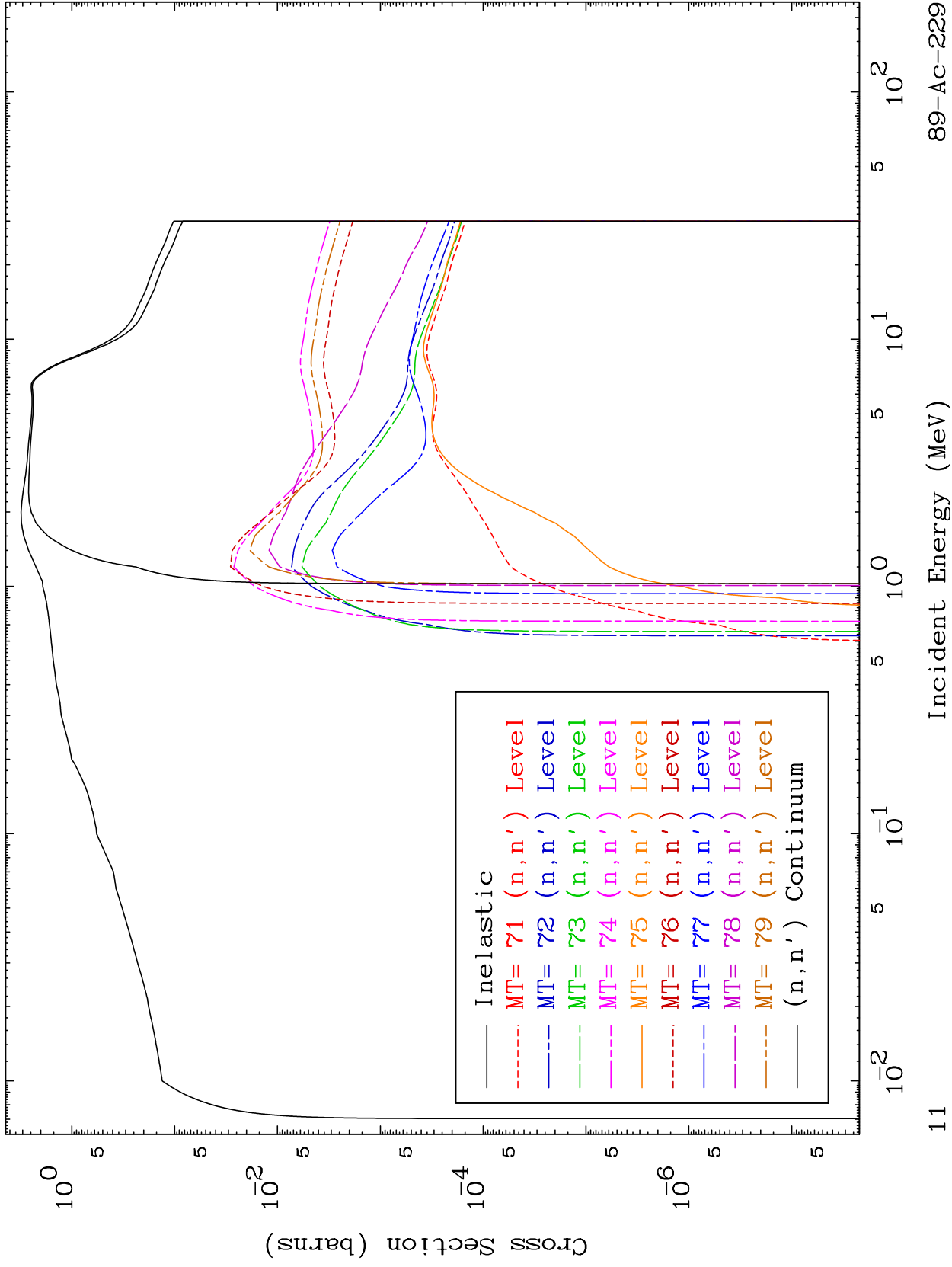


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(n,n') Levels
293 Kelvin Cross Sections

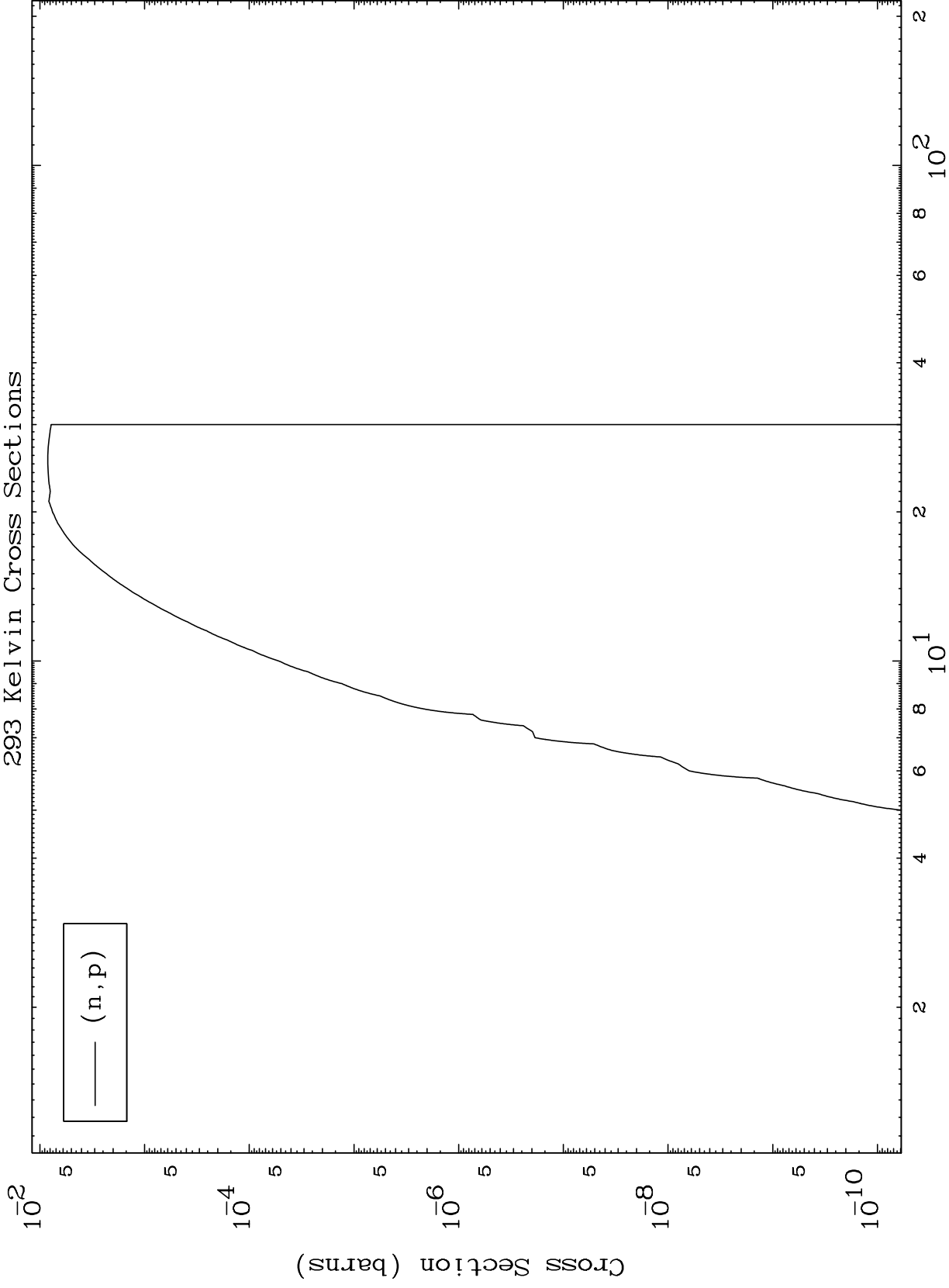
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(n,p) Levels
293 Kelvin Cross Sections

89-Ac-229



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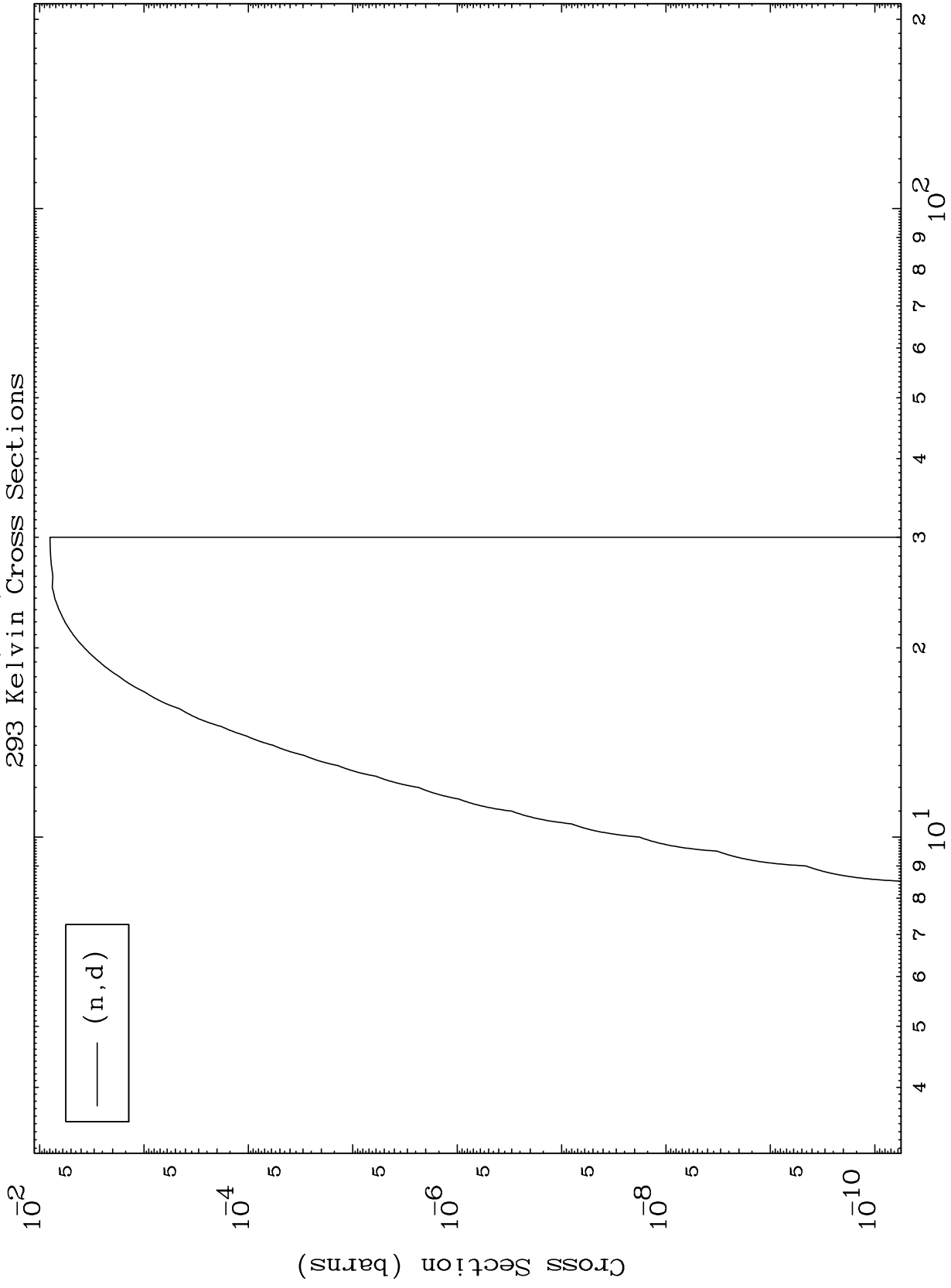
Incident Energy (MeV)

89-Ac-229

MAT 8937

(n,d) Levels
293 Kelvin Cross Sections

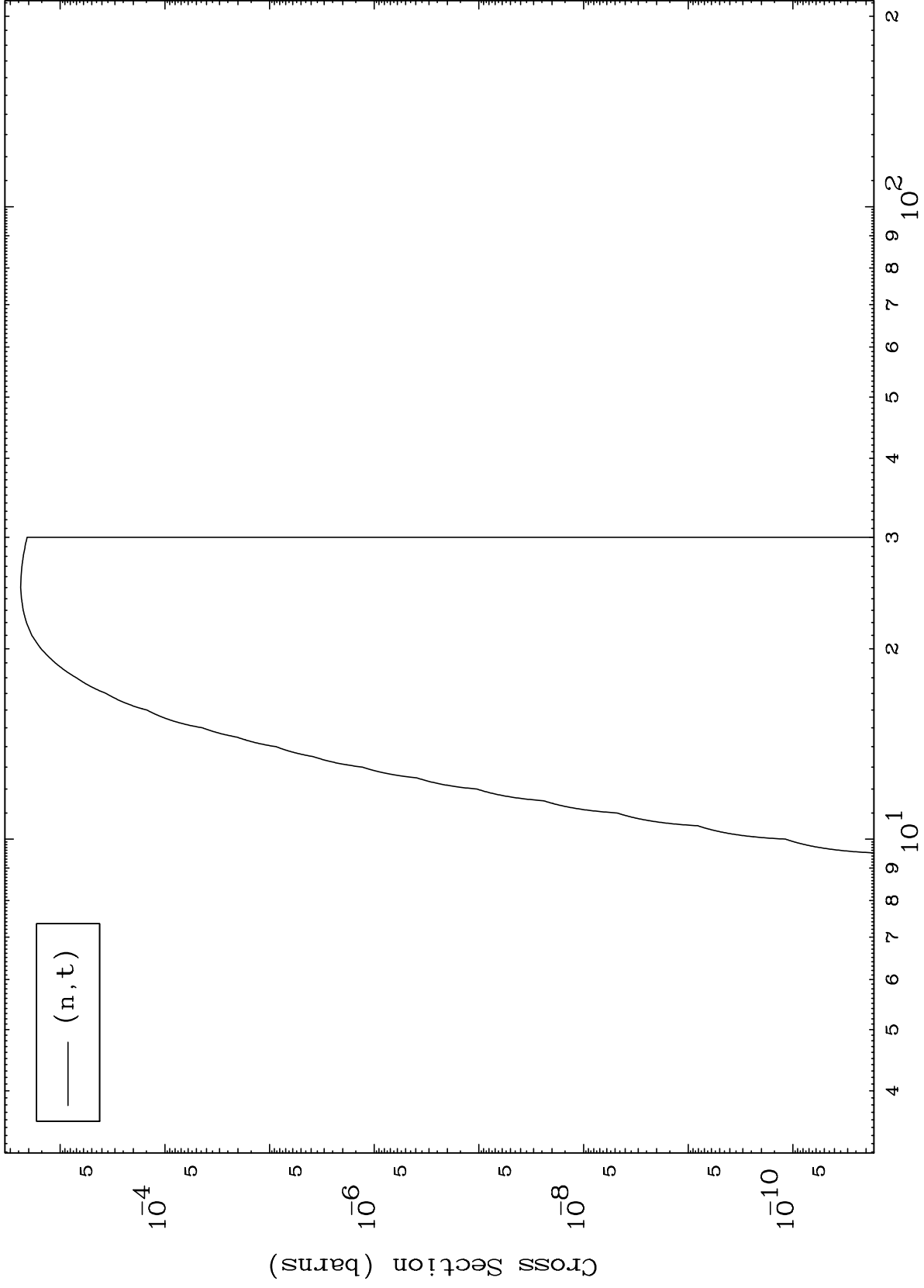
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(n,t) Levels
293 Kelvin Cross Sections

89-Ac-229



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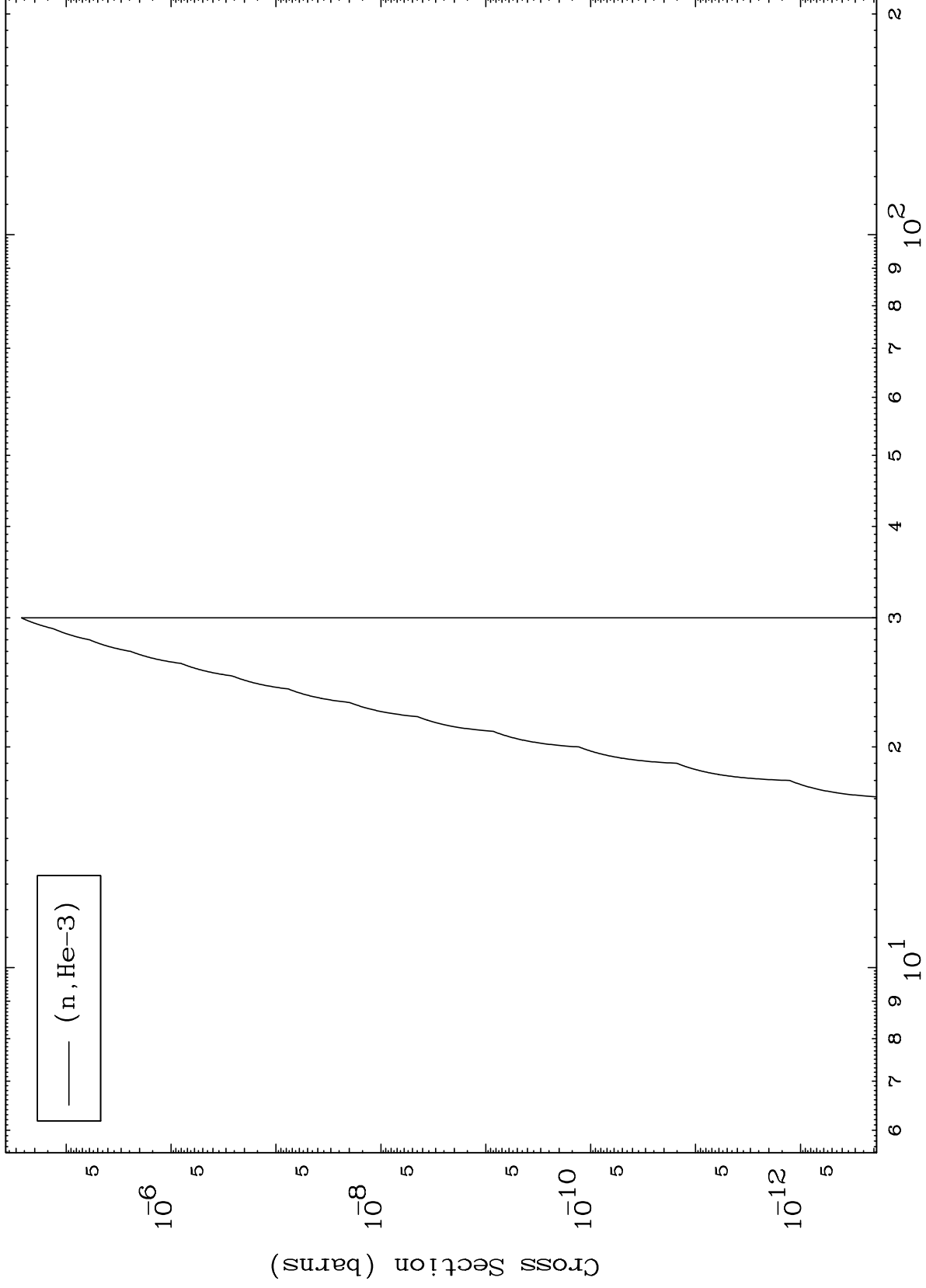
Incident Energy (MeV)

89-Ac-229

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(n,He3) Levels
293 Kelvin Cross Sections

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15

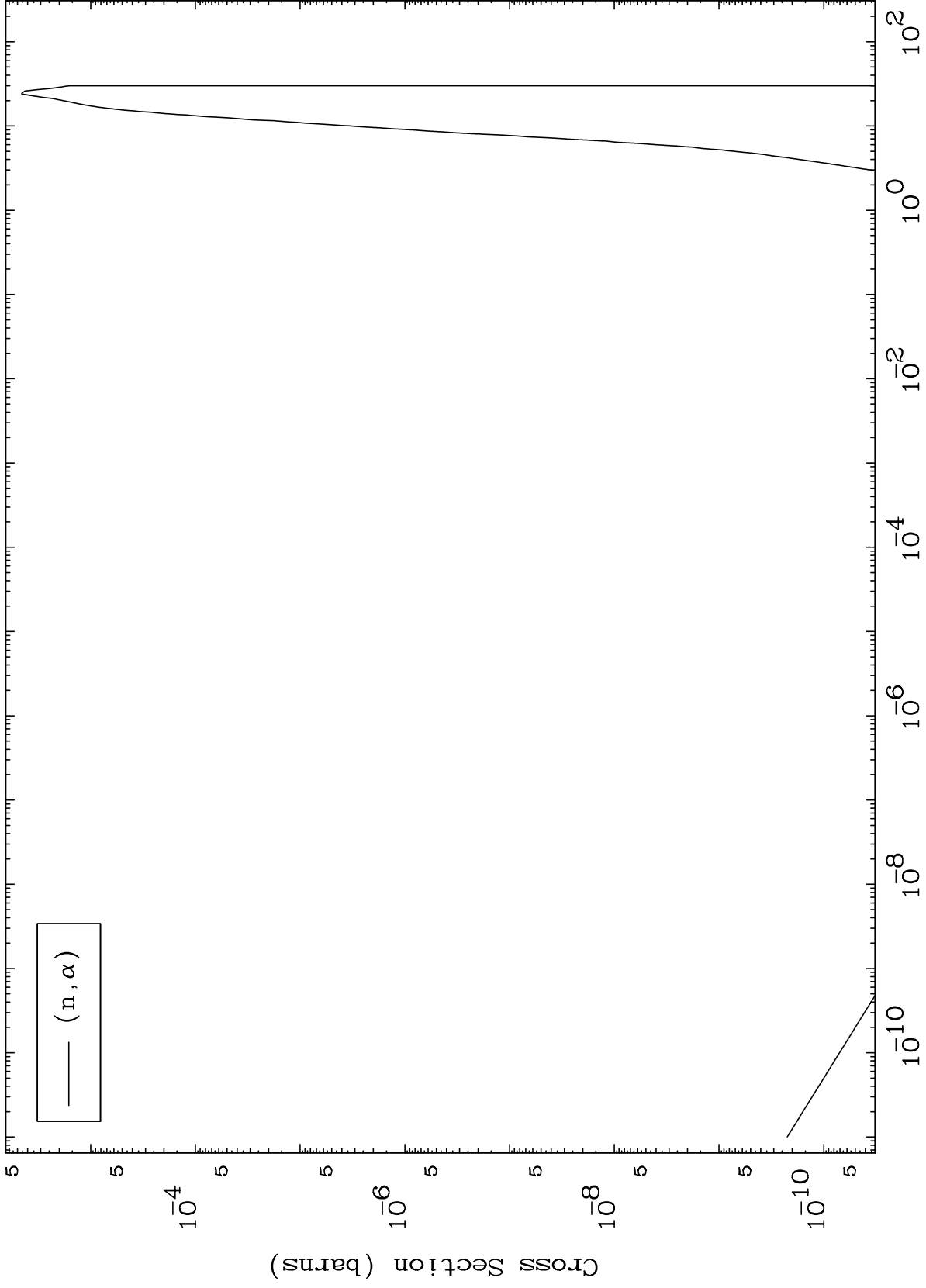
Incident Energy (MeV)

89-Ac-229

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(n, α) Levels
293 Kelvin Cross Sections

89-Ac-229



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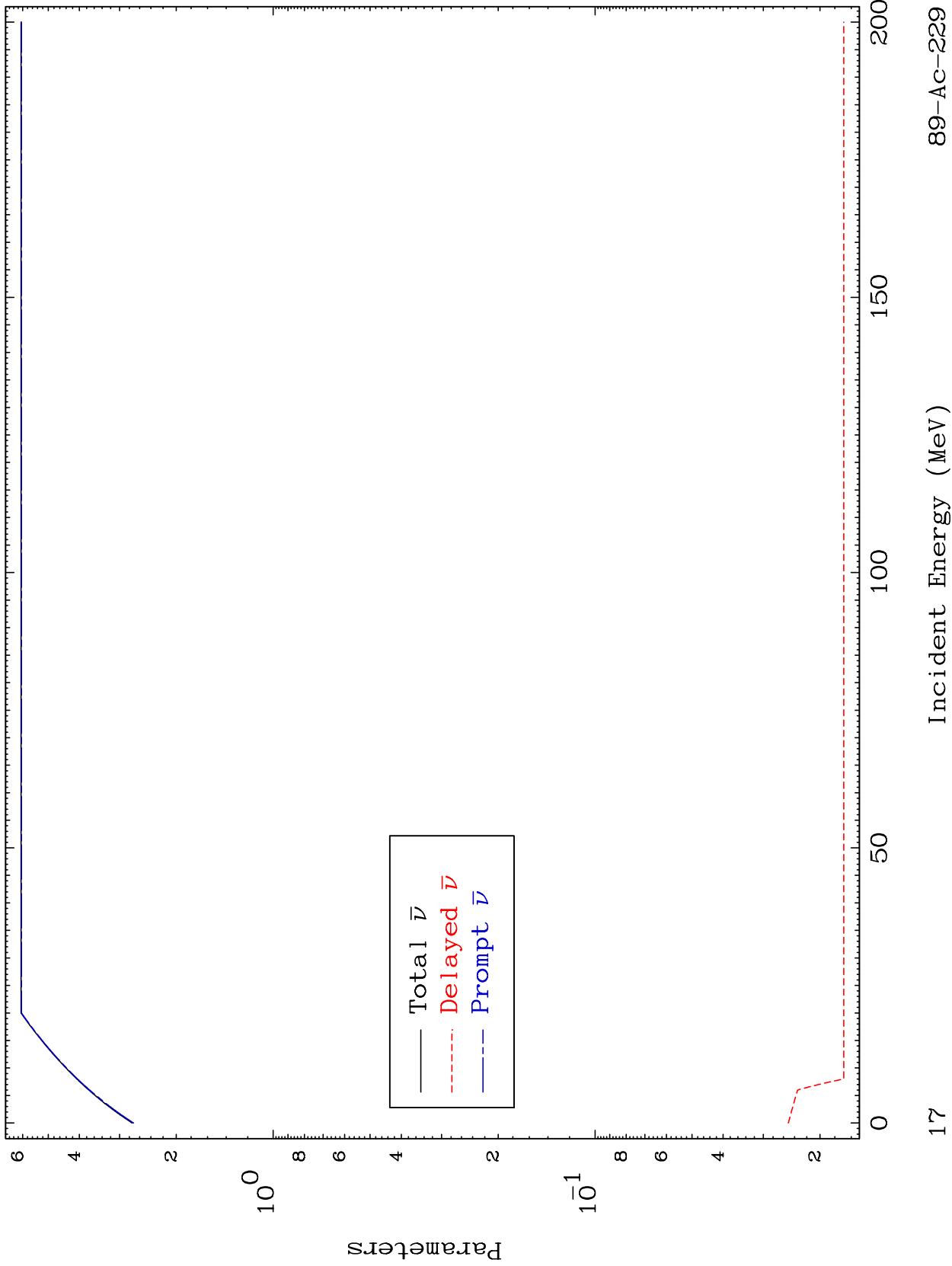
Incident Energy (MeV)

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Energy Release
Parameters

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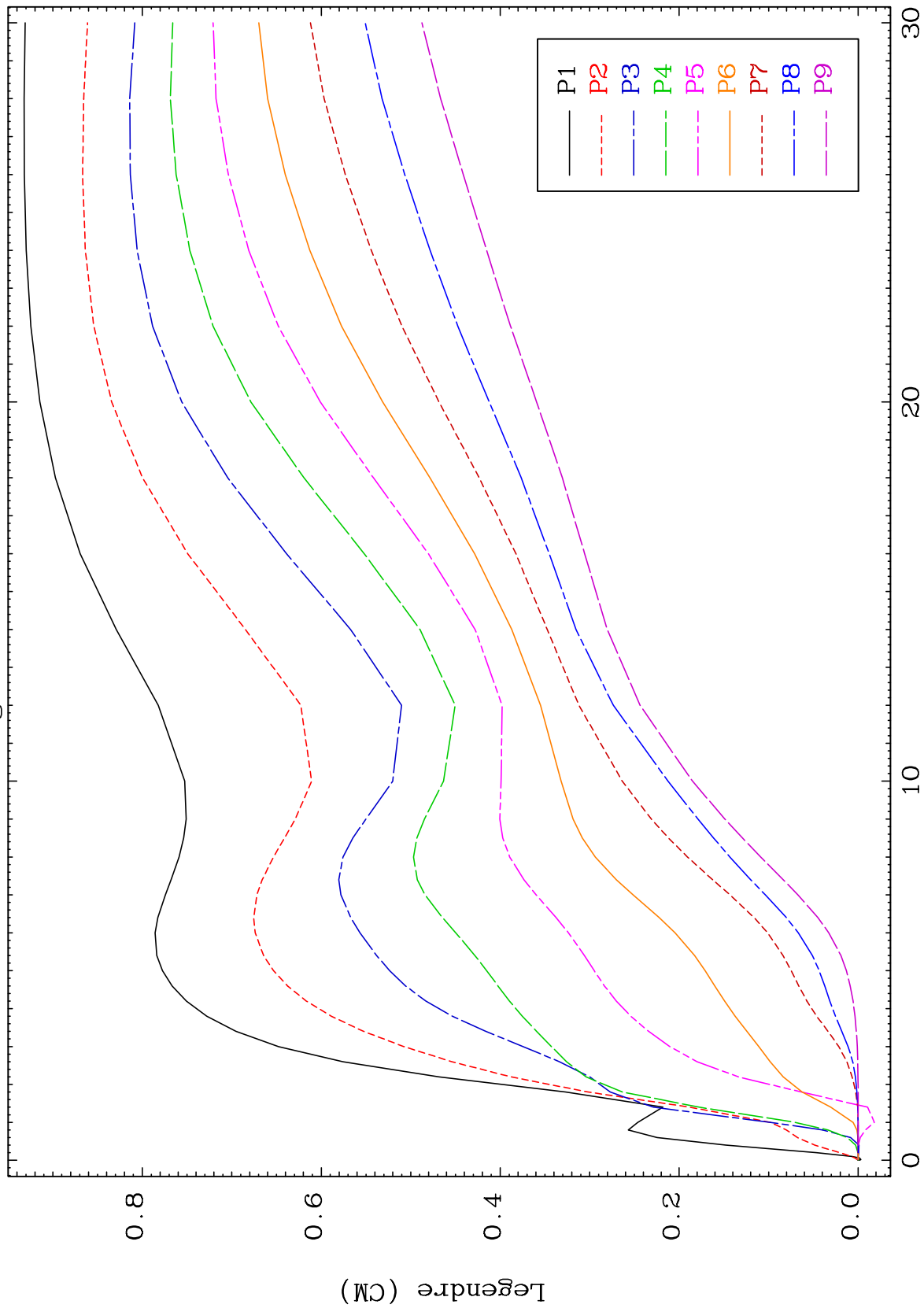
Incident Energy (MeV)

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Elastic Legendre Coefficients

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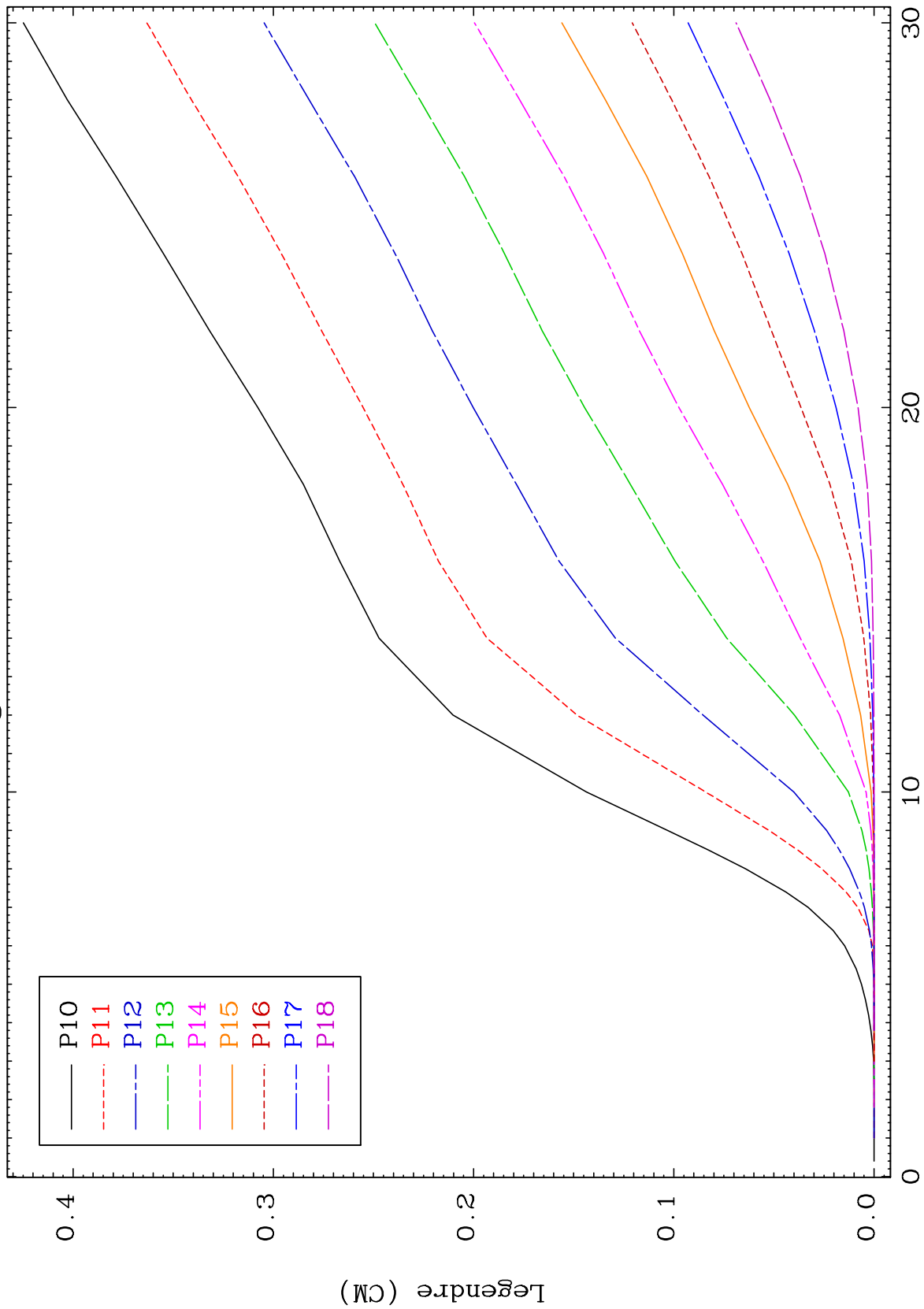
Incident Energy (MeV)

89-Ac-229

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Elastic Legendre Coefficients

89-Ac-229



19

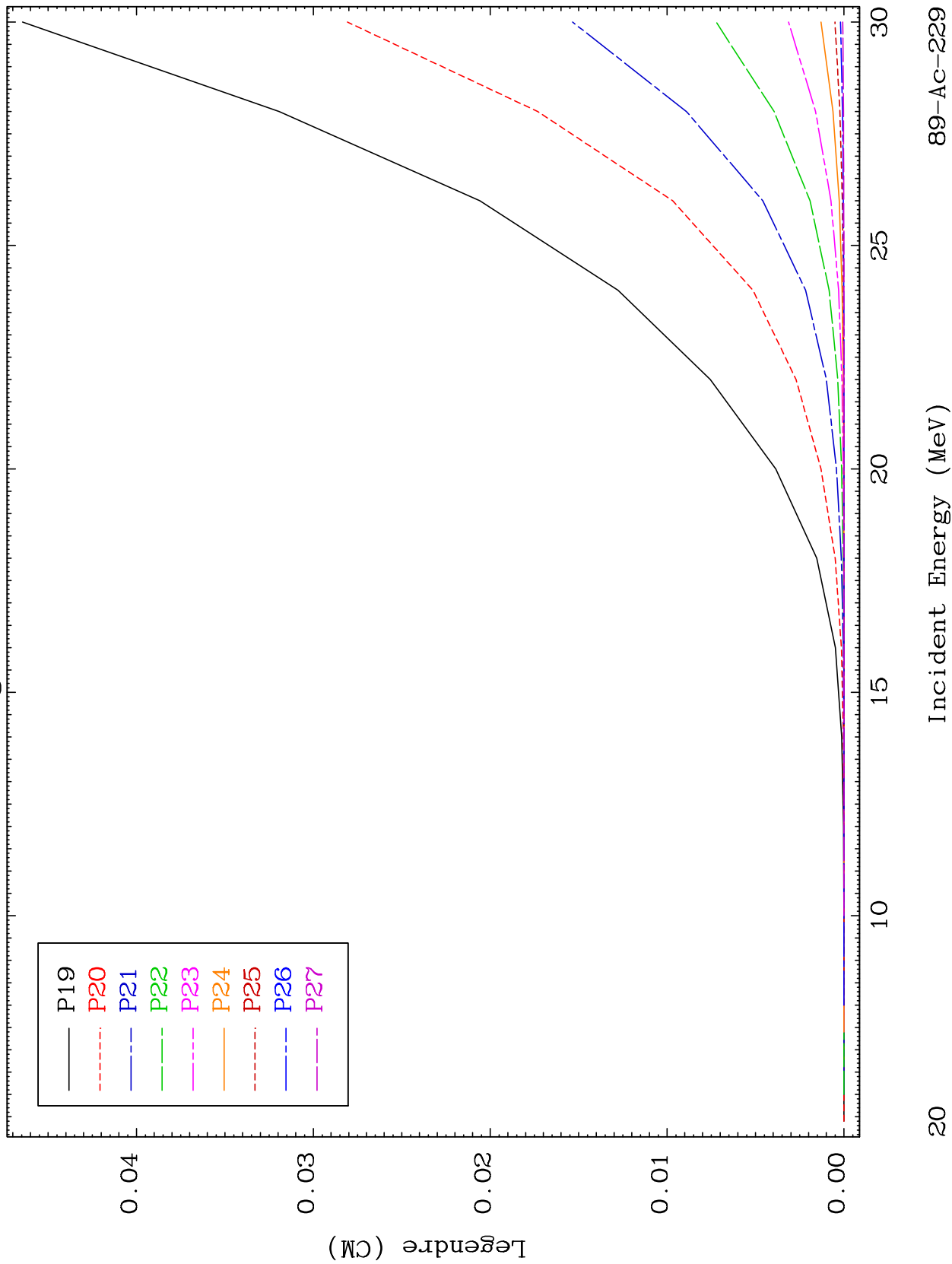
Incident Energy (MeV)

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Elastic Legendre Coefficients

89-Ac-229



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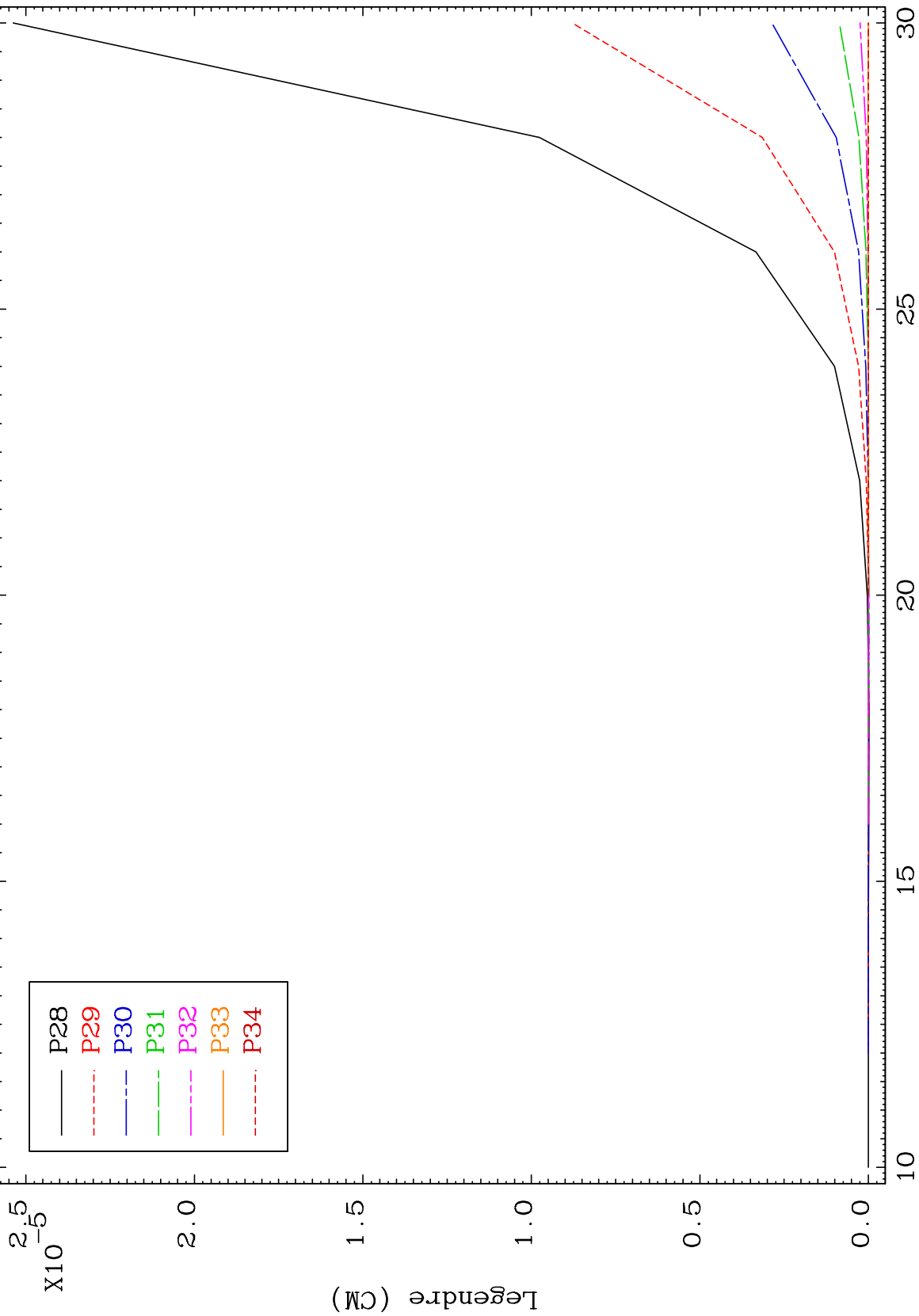
Incident Energy (MeV)

89-Ac-229

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Elastic Legendre Coefficients

89-Ac-229



21

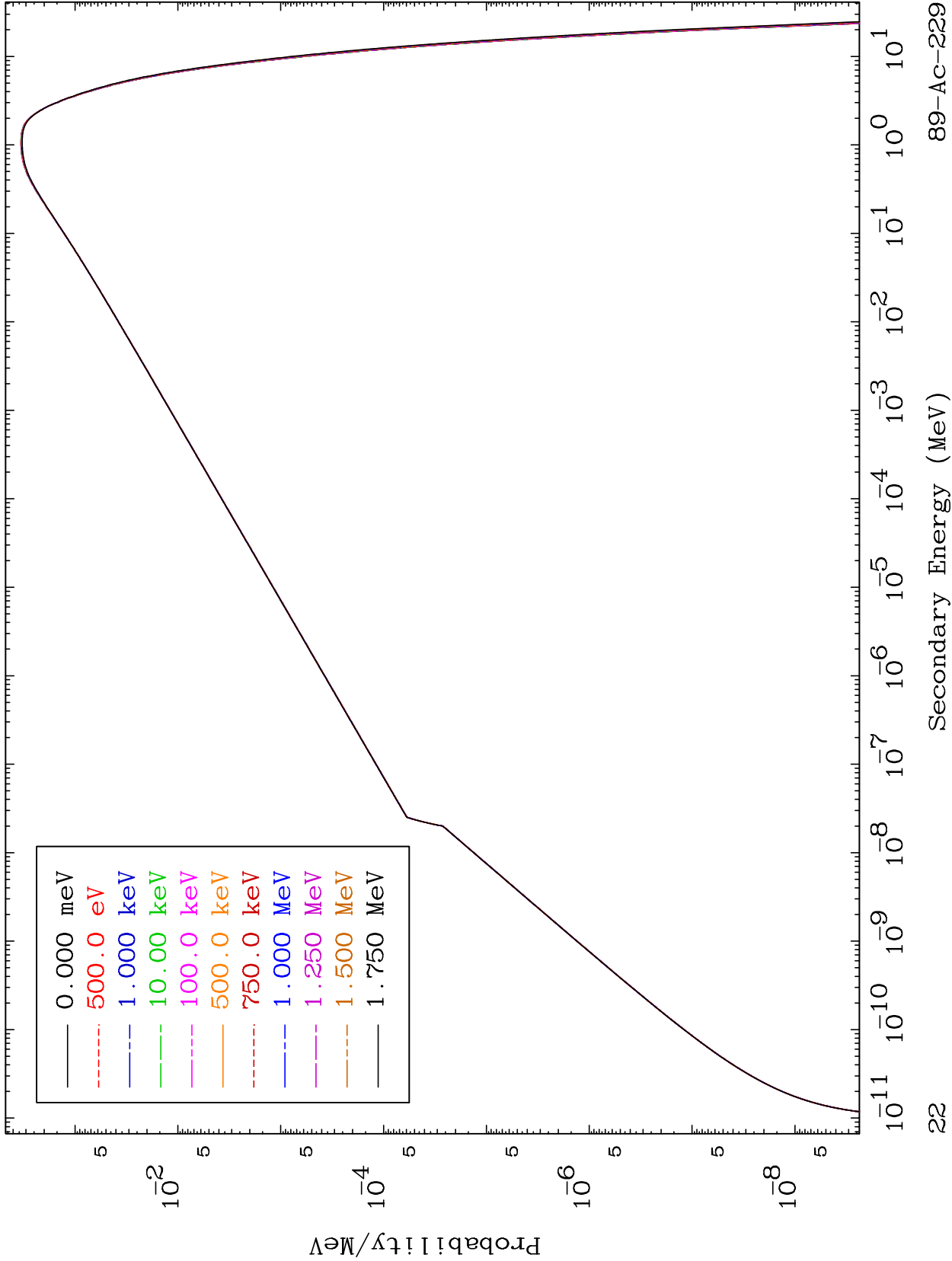
Incident Energy (MeV)

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Fission Energy Distributions

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- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

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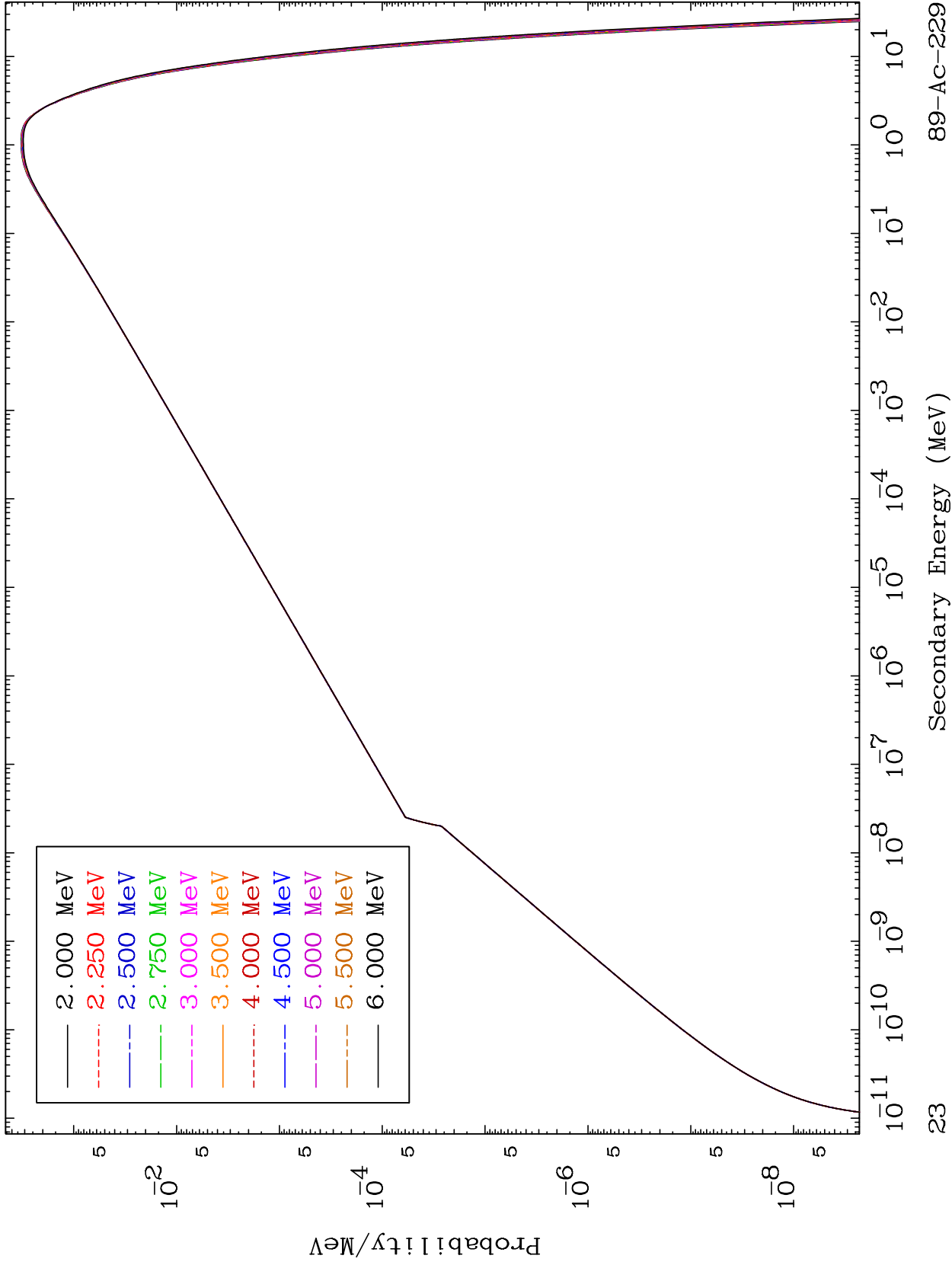
Secondary Energy (MeV)

22

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Fission Energy Distributions

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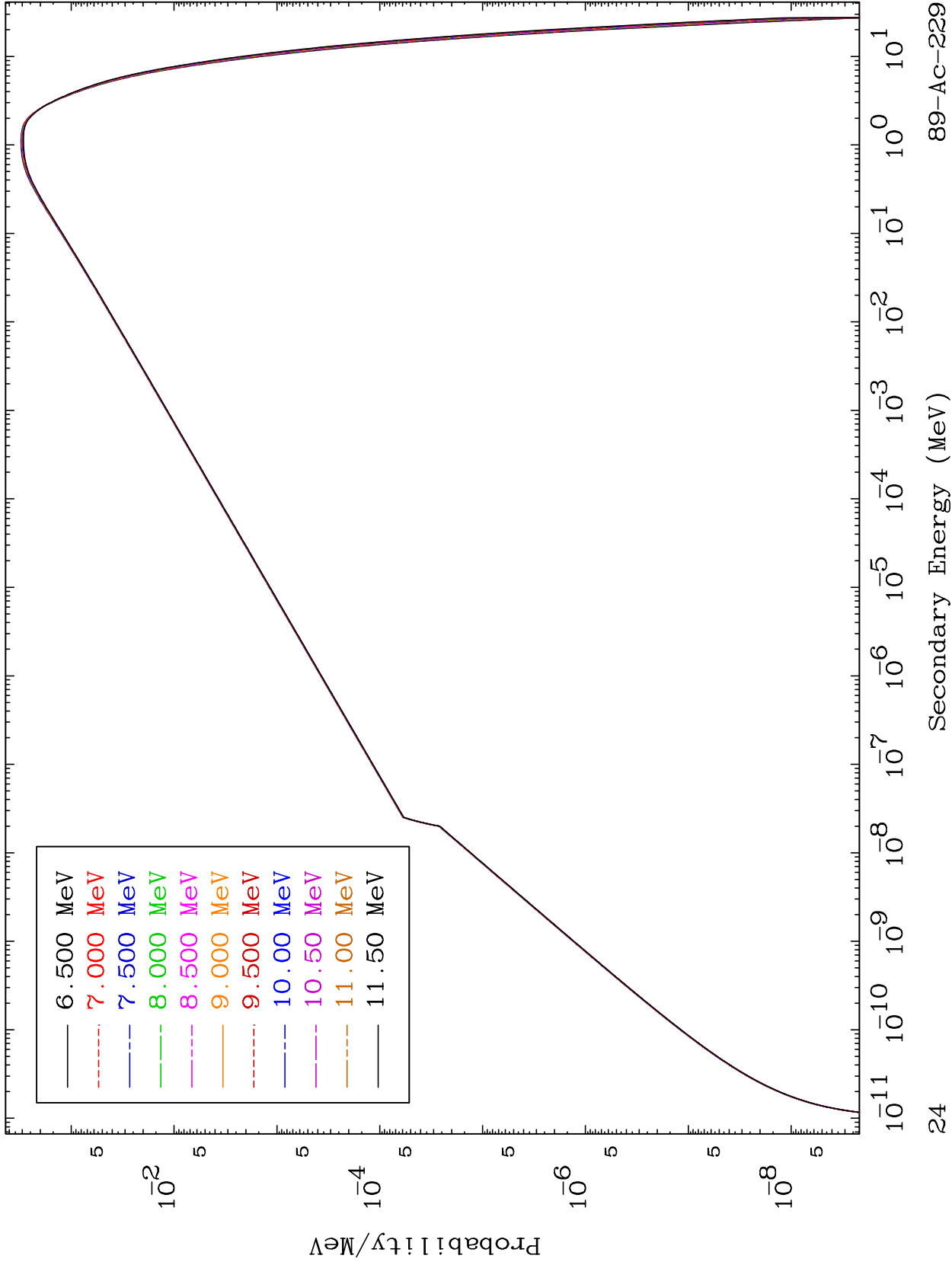


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Secondary Energy (MeV)

23

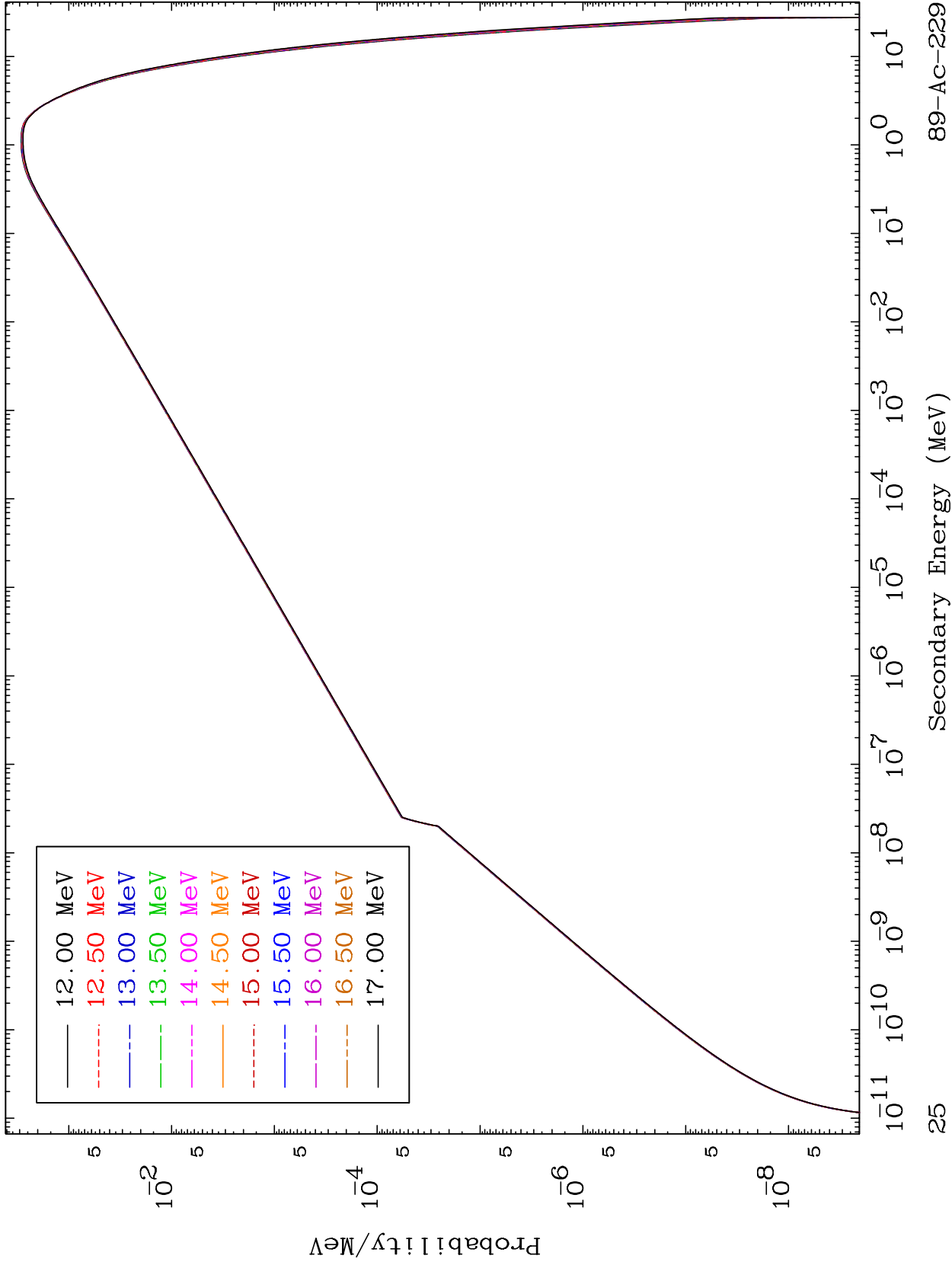
Fission Energy Distributions



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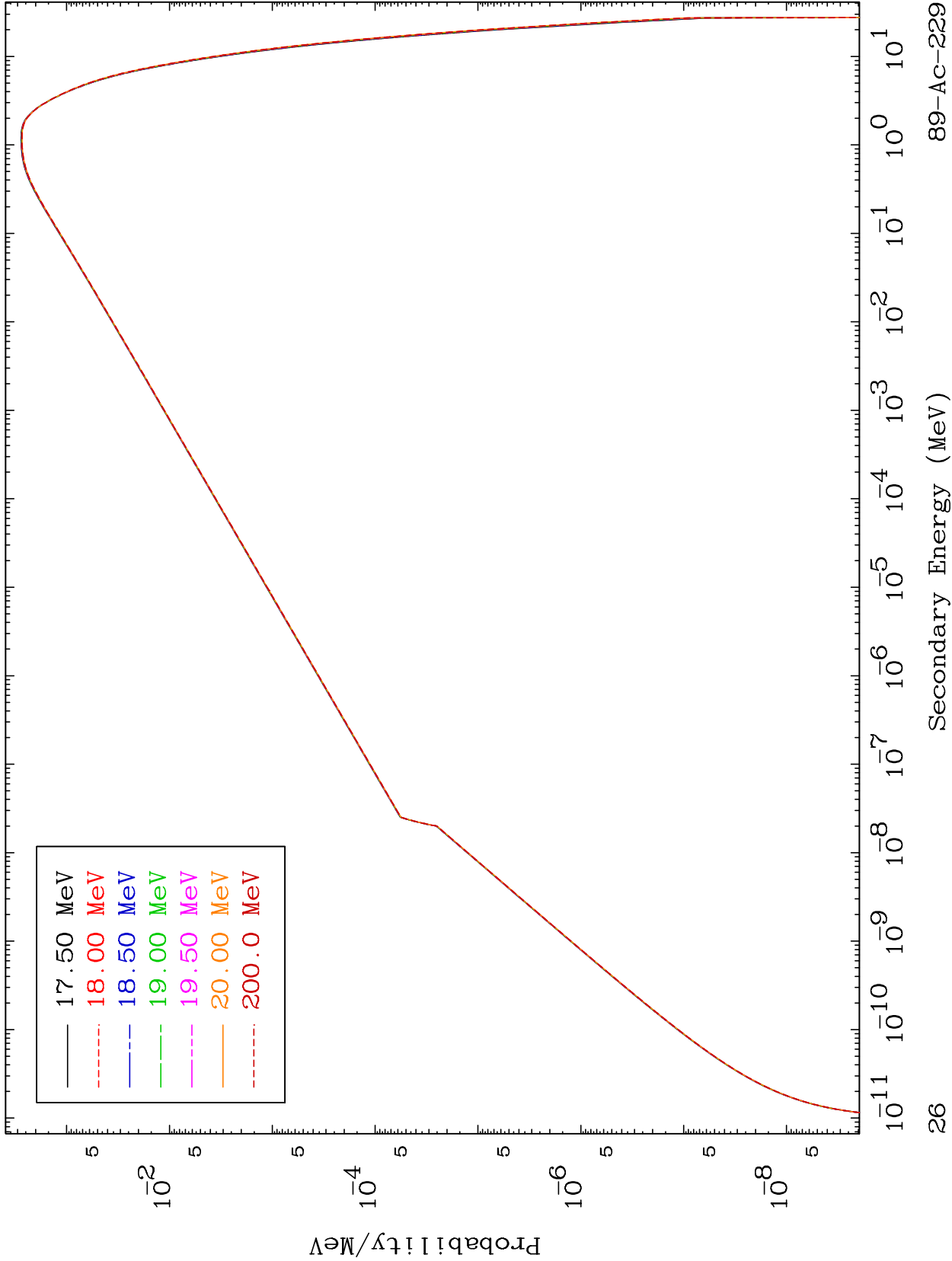
Fission Energy Distributions

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89-Ac-229

Fission Energy Distributions



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(n,2n) α

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Radionuclide Production Cross Section

