

Program EVALPLOT
(Version 2021-1)

by

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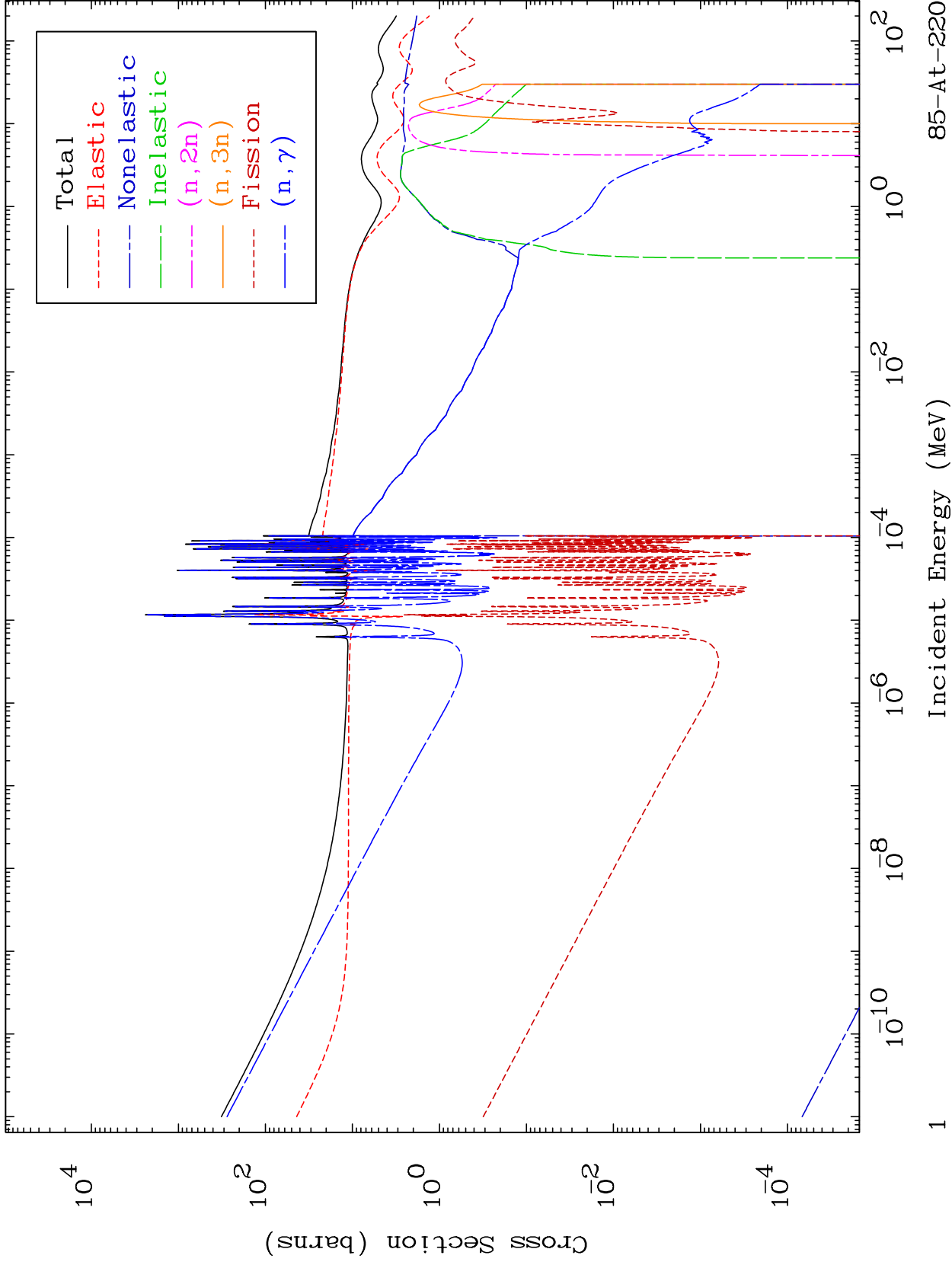
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8576

Neutron Major
293 Kelvin Cross Sections

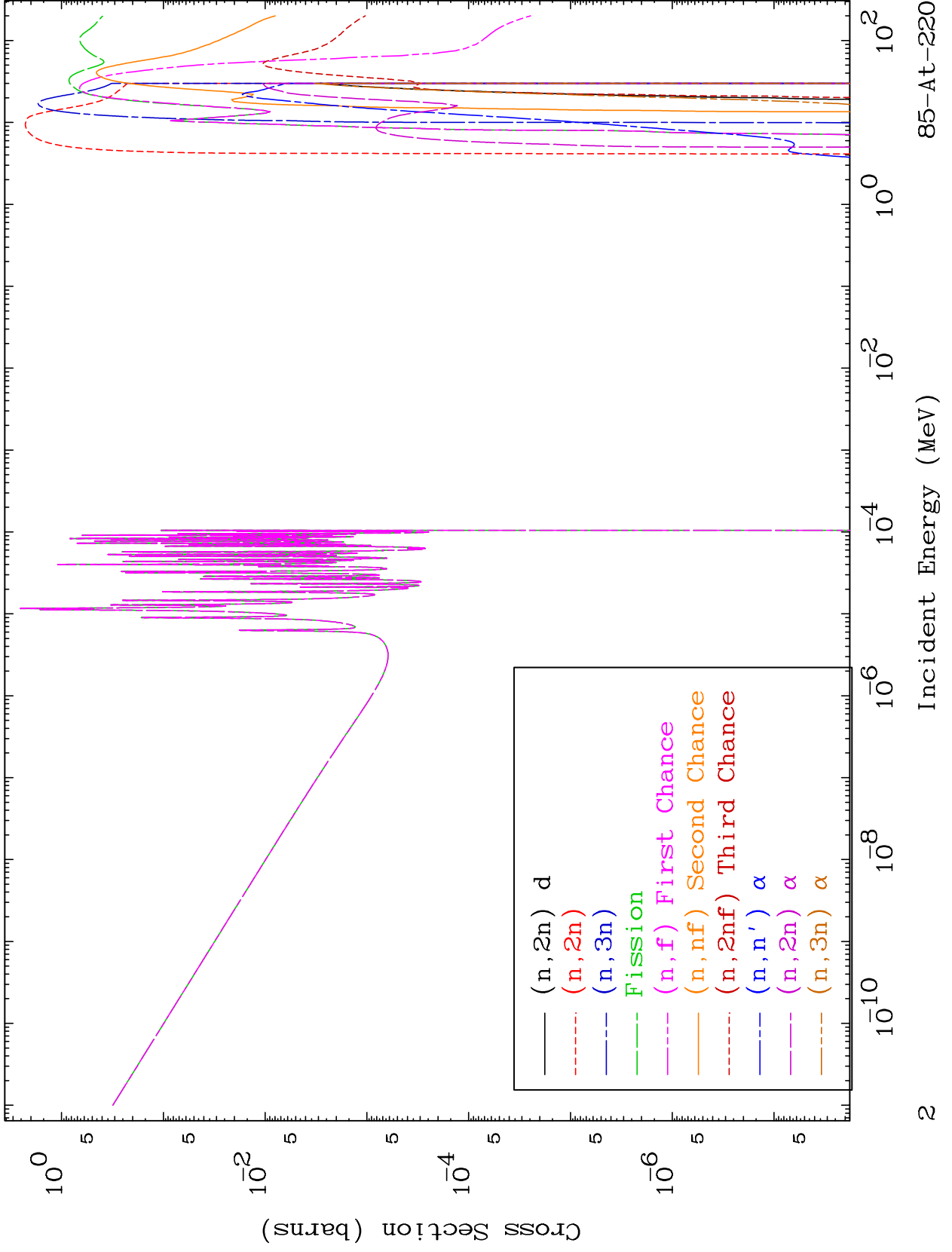
85-At-220



MAT 8576

Neutron Absorption
293 Kelvin Cross Sections

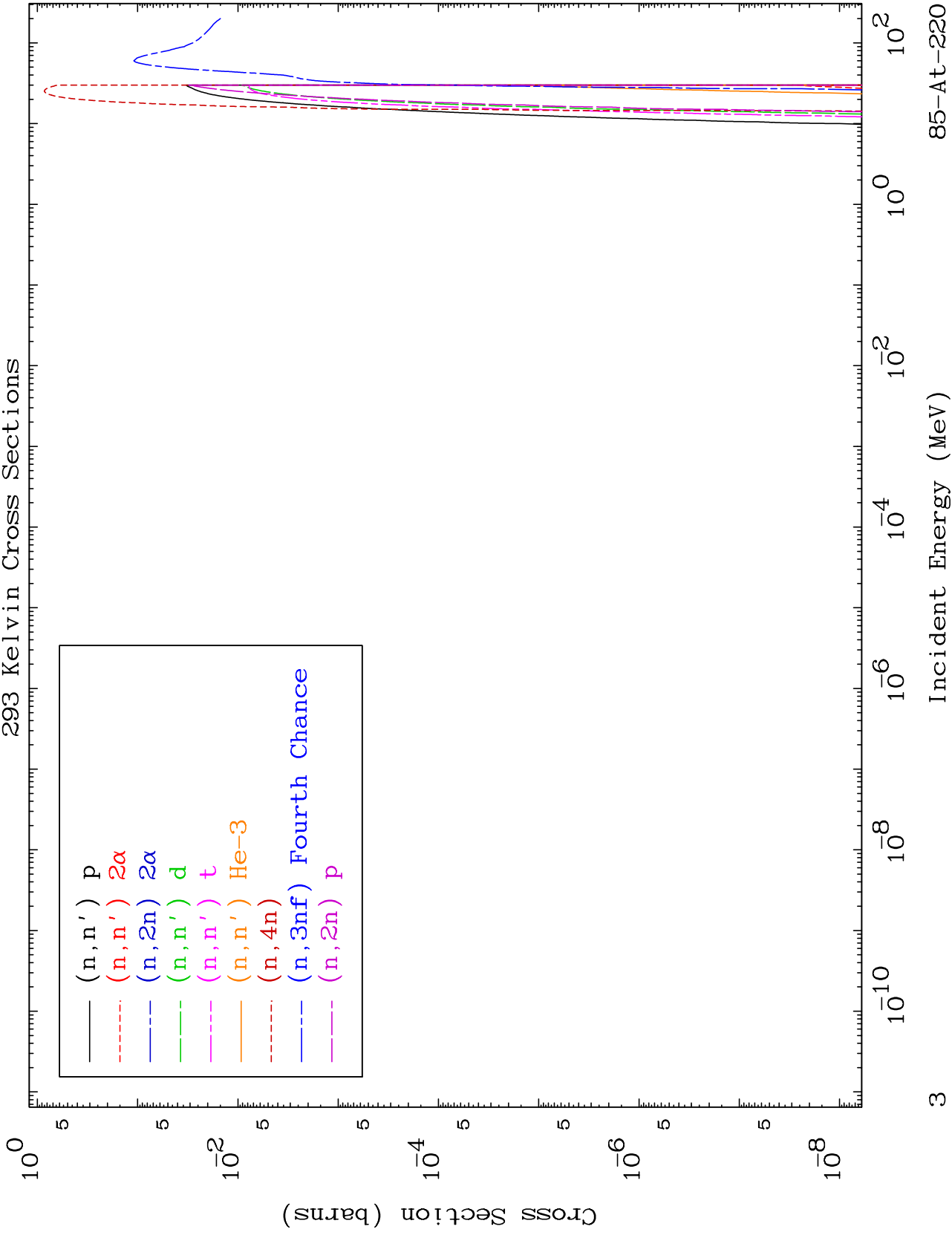
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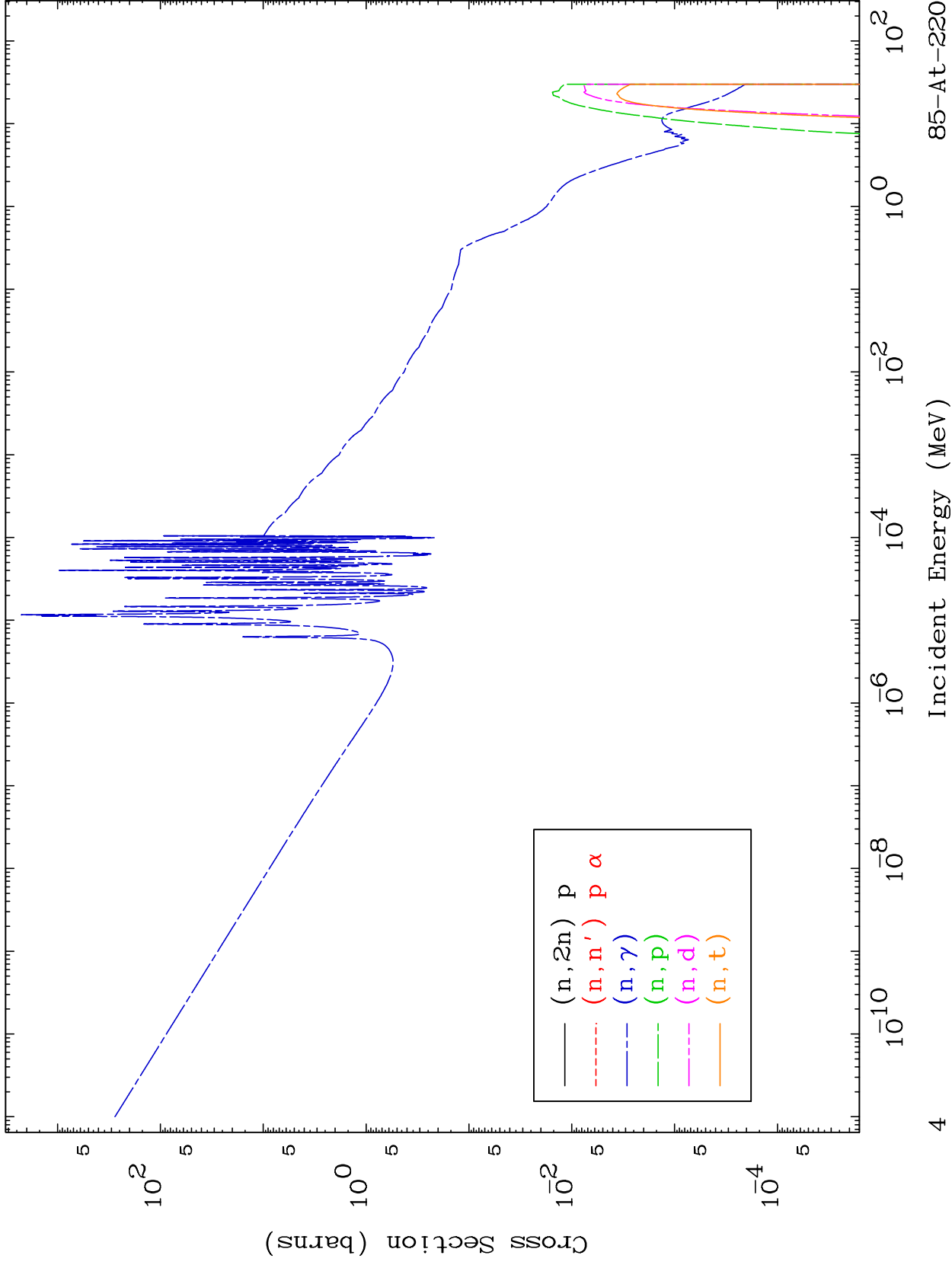


MAT 8576

Neutron Absorption
293 Kelvin Cross Sections

85-At-220

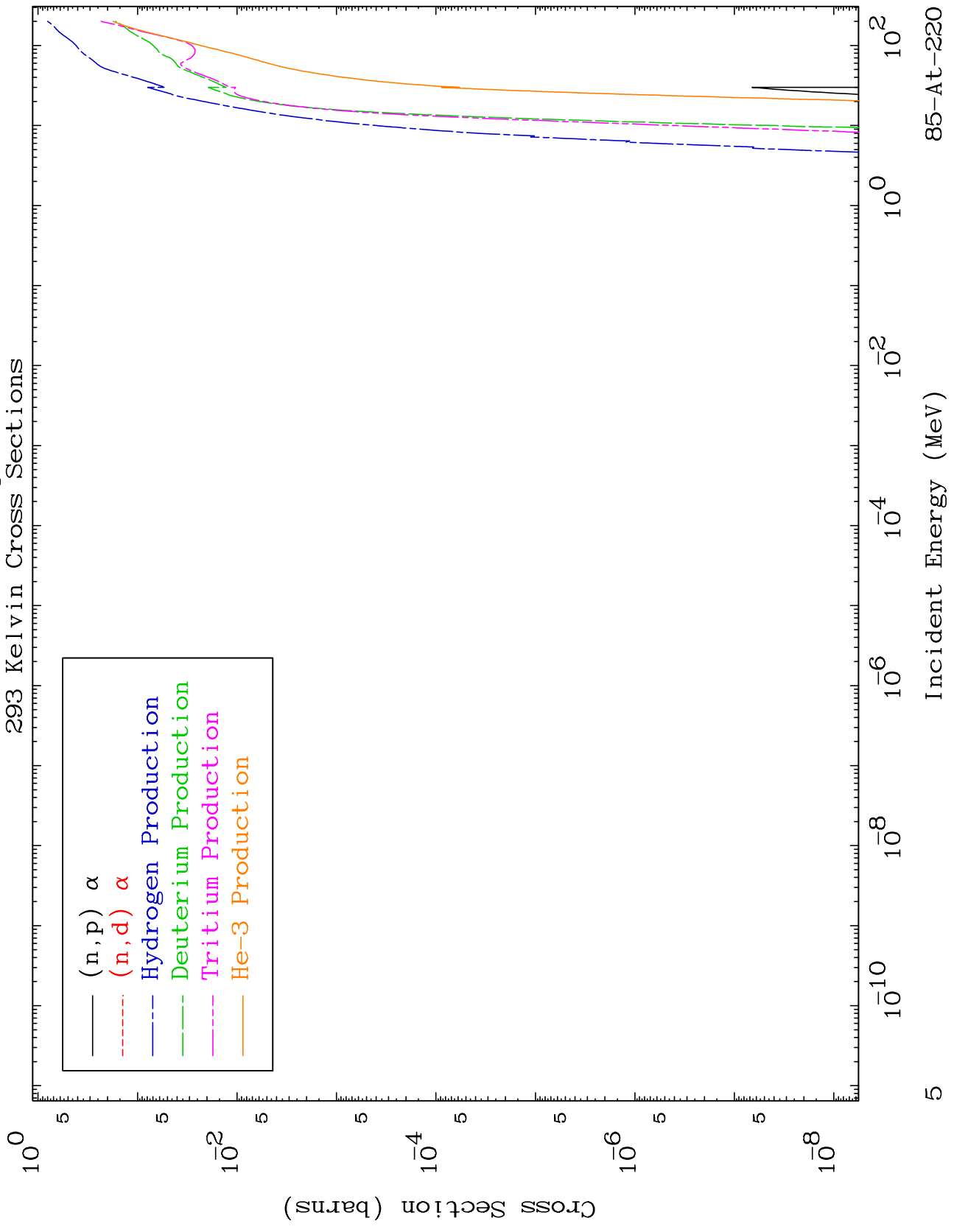




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Neutron Absorption
293 Kelvin Cross Sections

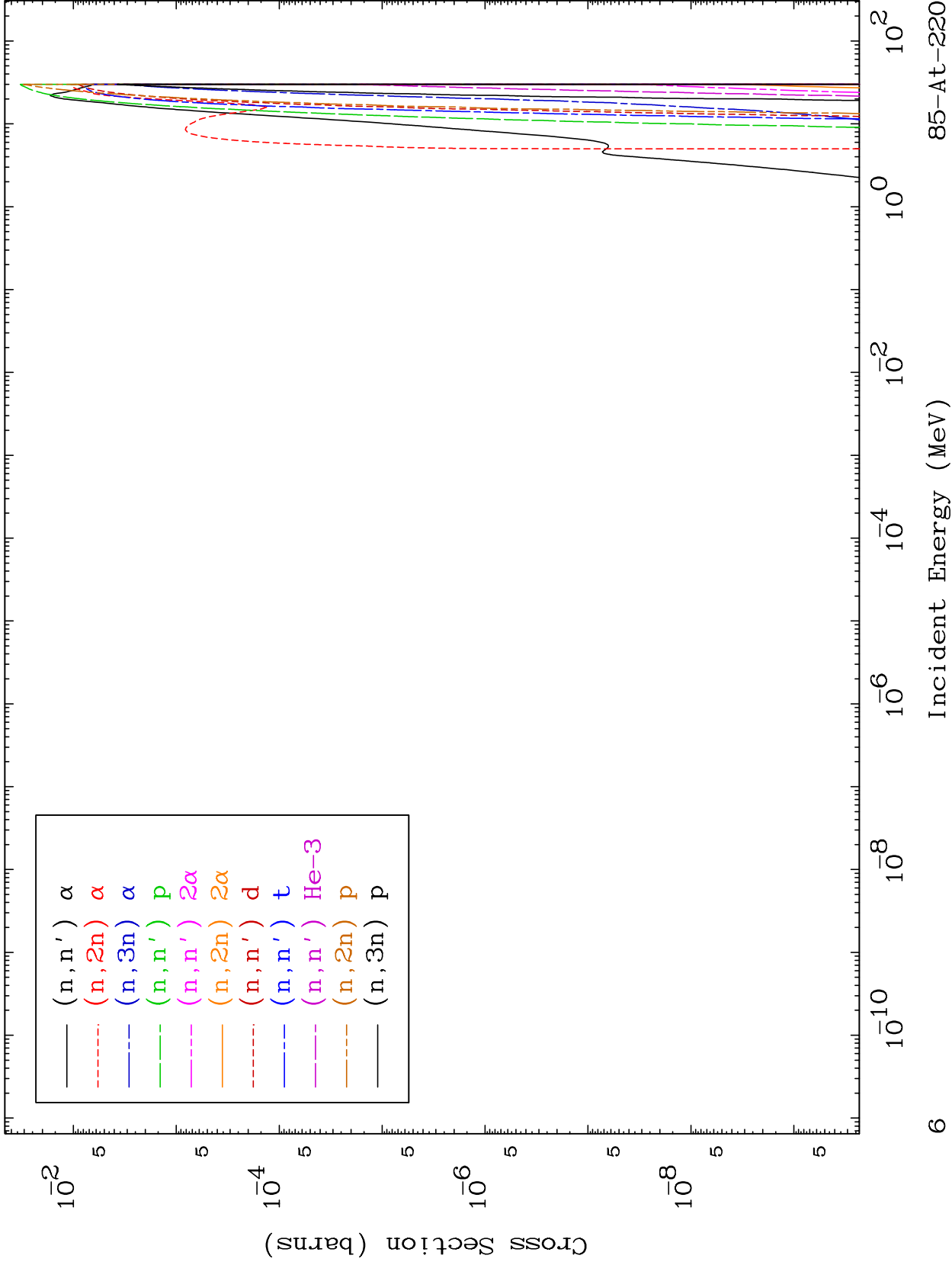
85-At-220



MAT 8576

Charged Particle
293 Kelvin Cross Sections

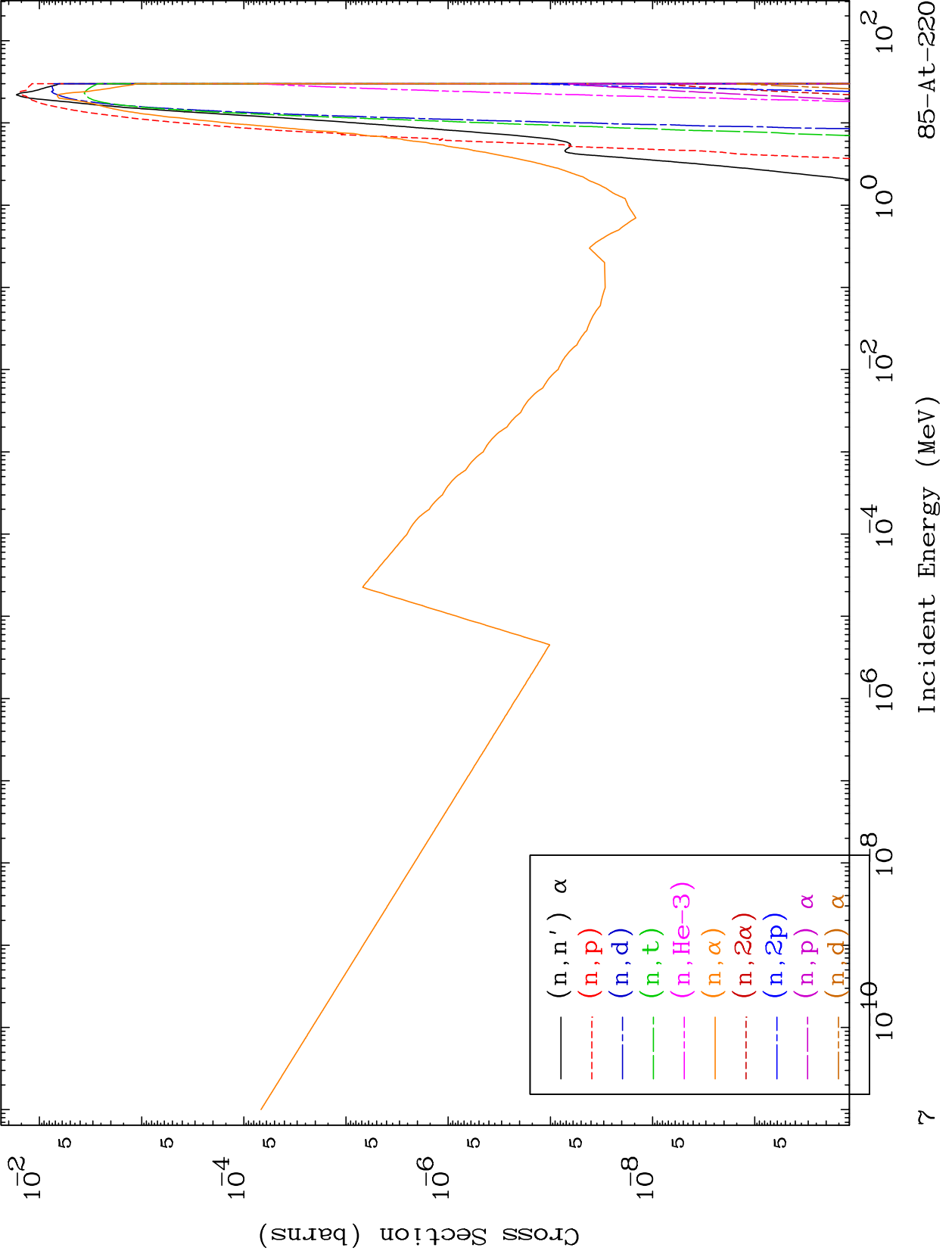
85-At-220



MAT 8576

Charged Particle
293 Kelvin Cross Sections

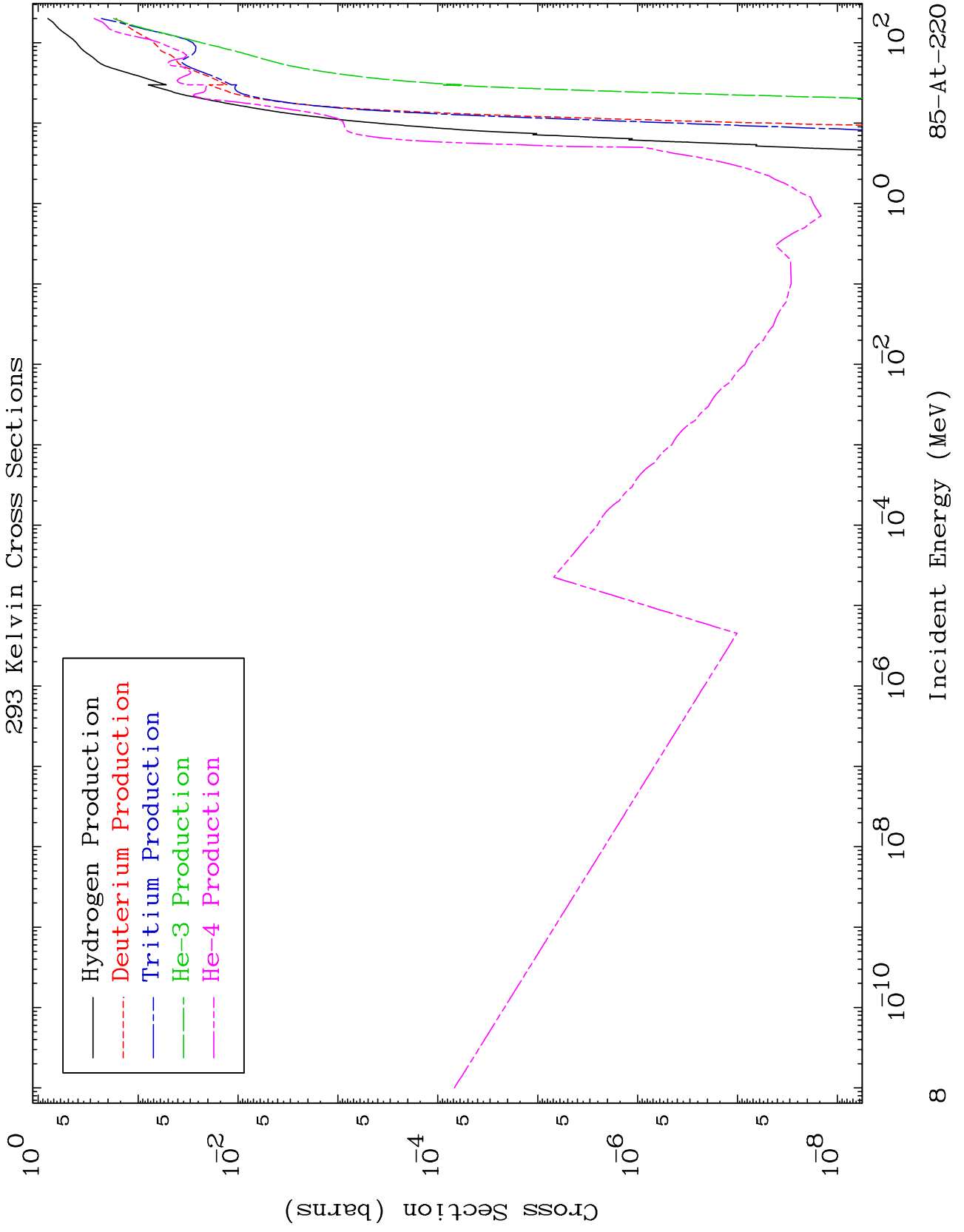
85-At-220



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Particle Production
293 Kelvin Cross Sections

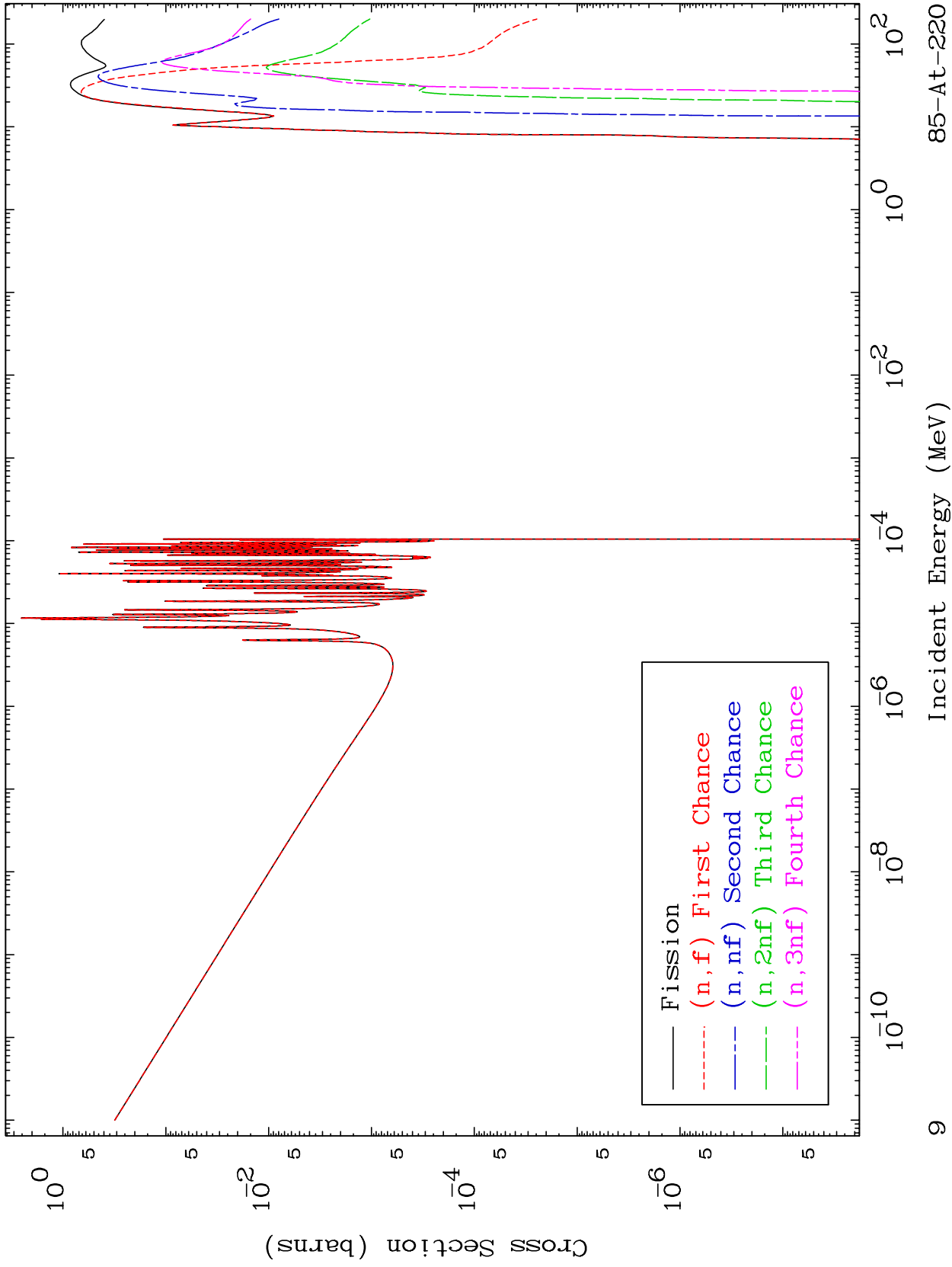
85-At-220



MAT 8576

Fission
293 Kelvin Cross Sections

85-At-220

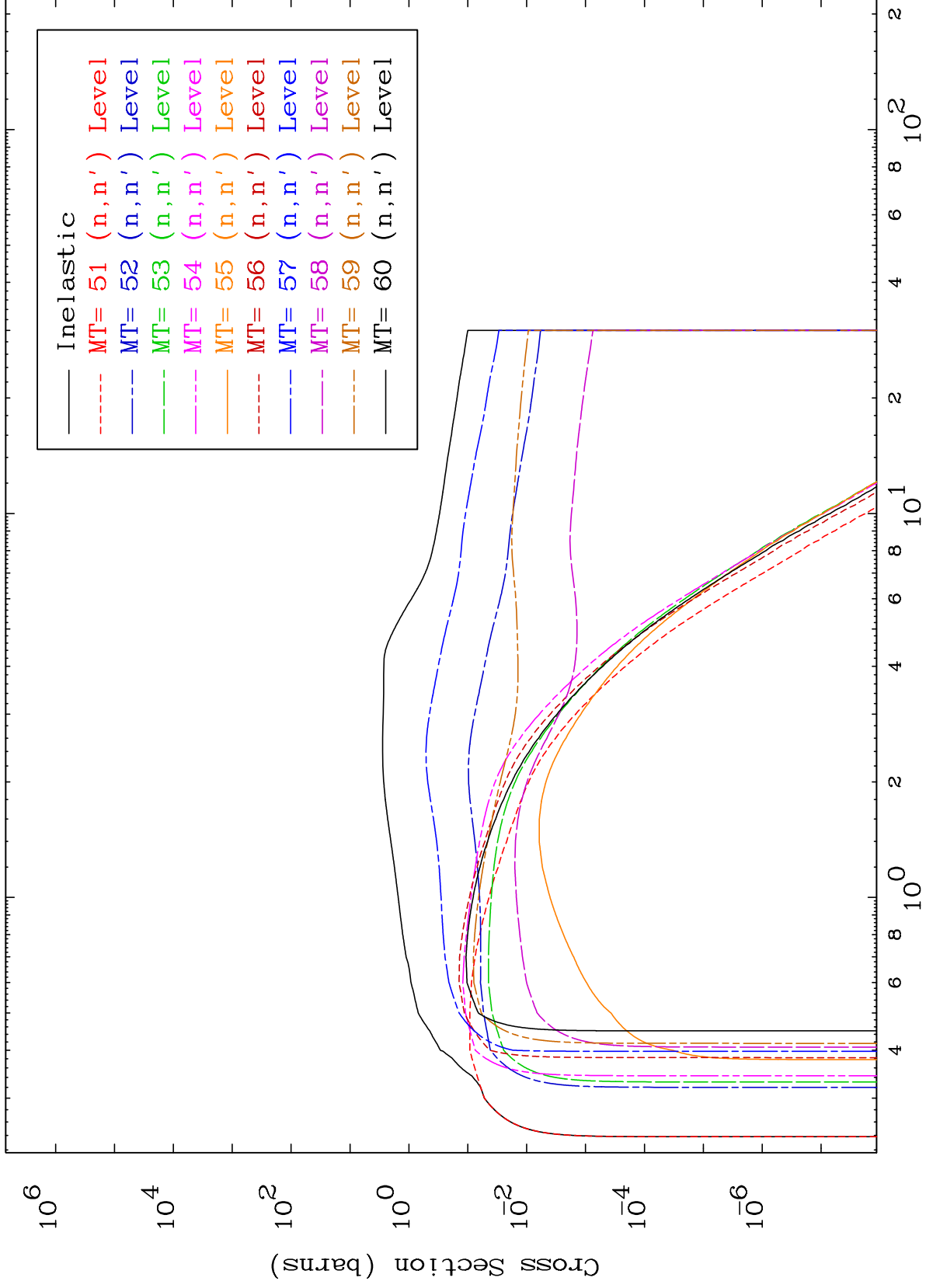


MAT 8576

(n,n') Levels

85-At-220

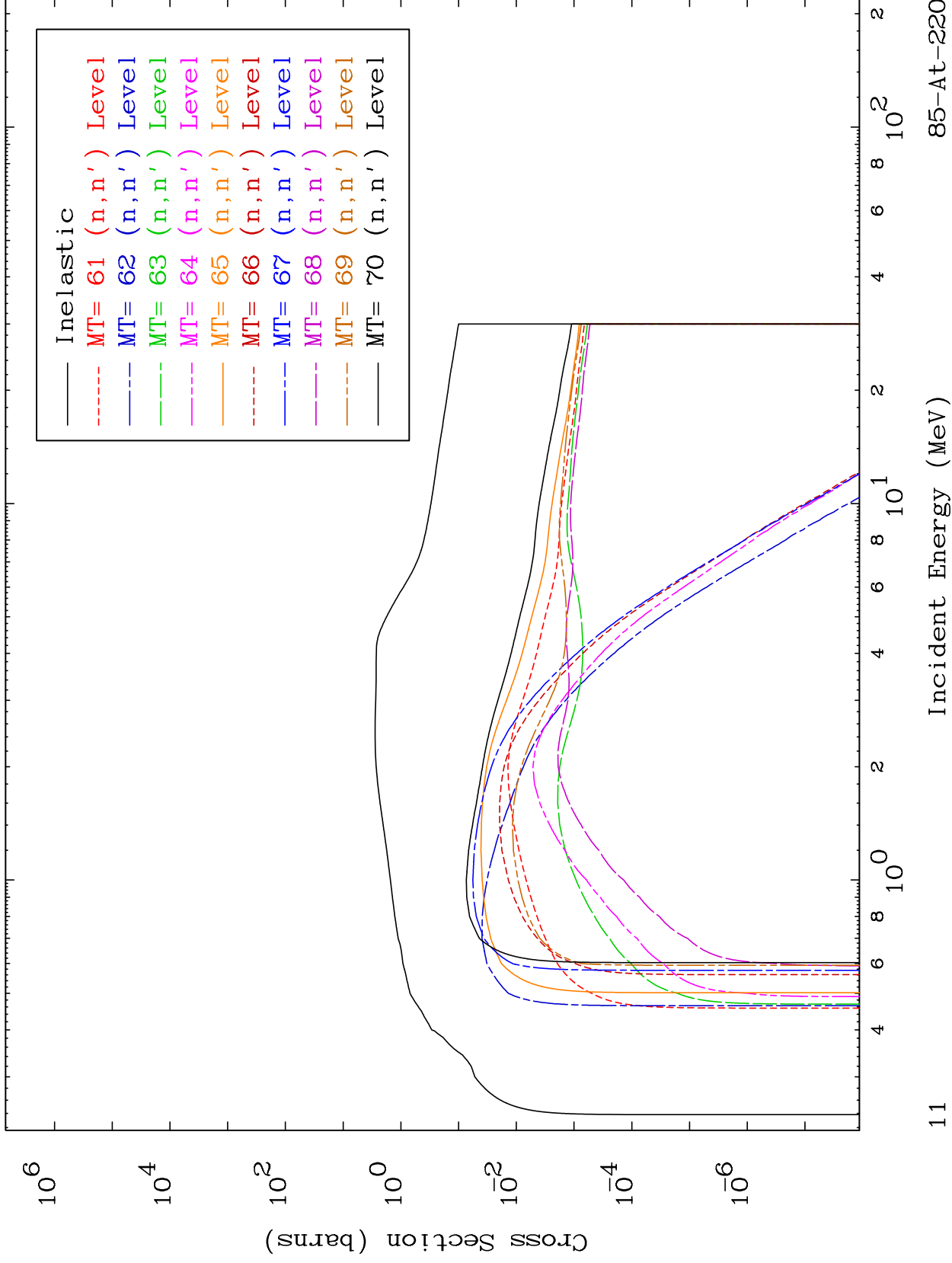
293 Kelvin Cross Sections



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Incident Energy (MeV)

85-At-220

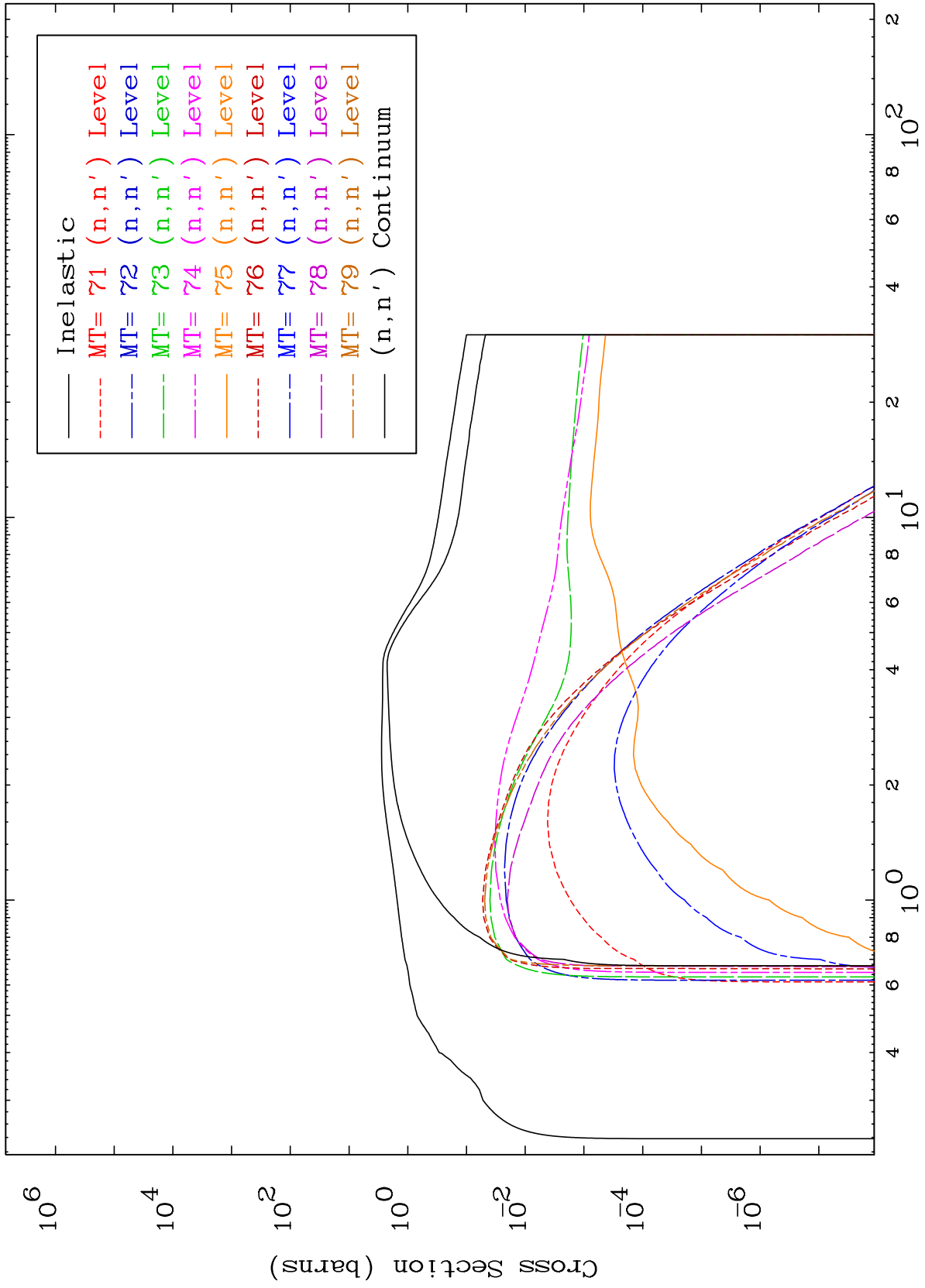


MAT 8576

(n,n') Levels

293 Kelvin Cross Sections

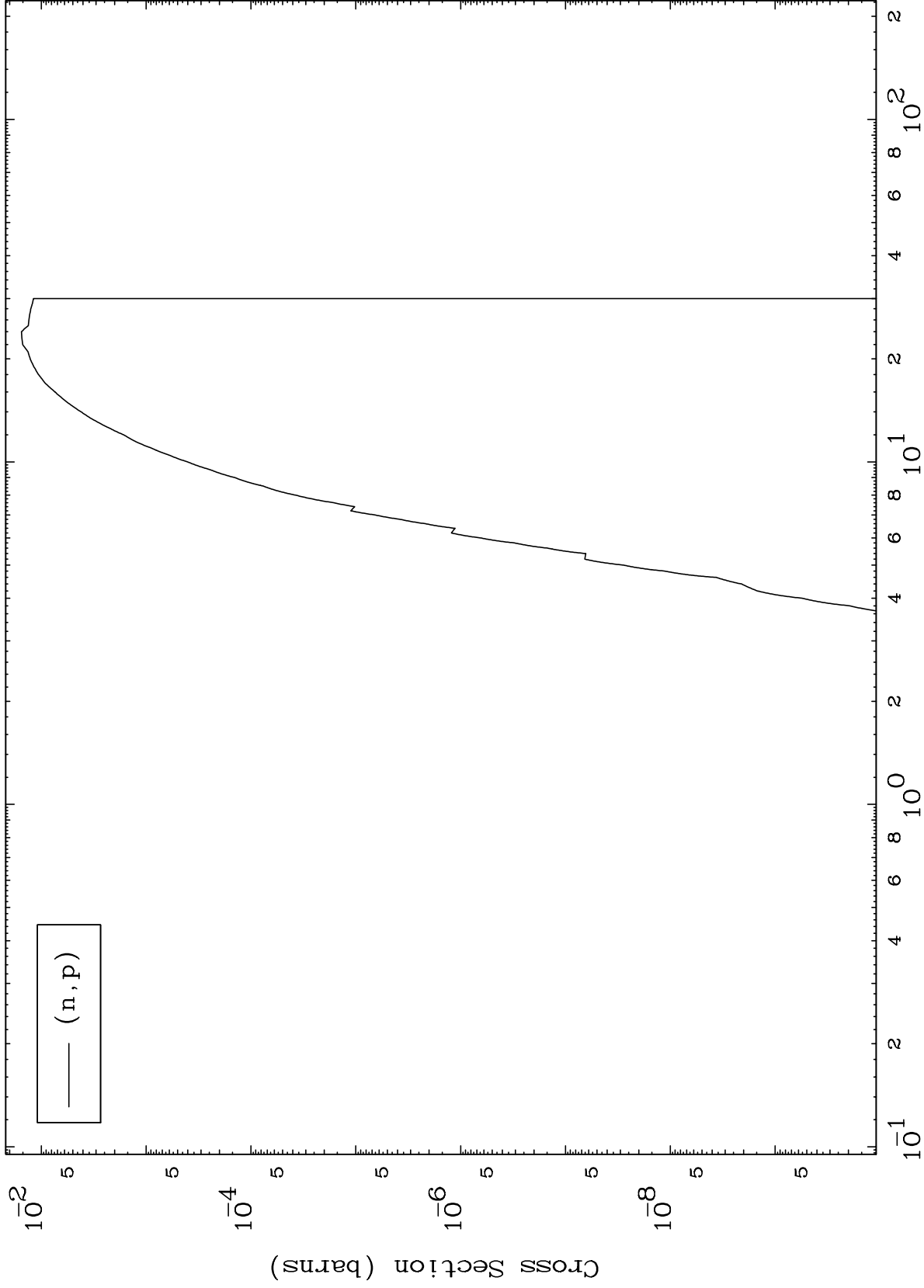
85-At-220



MAT 8576

(n,p) Levels
293 Kelvin Cross Sections

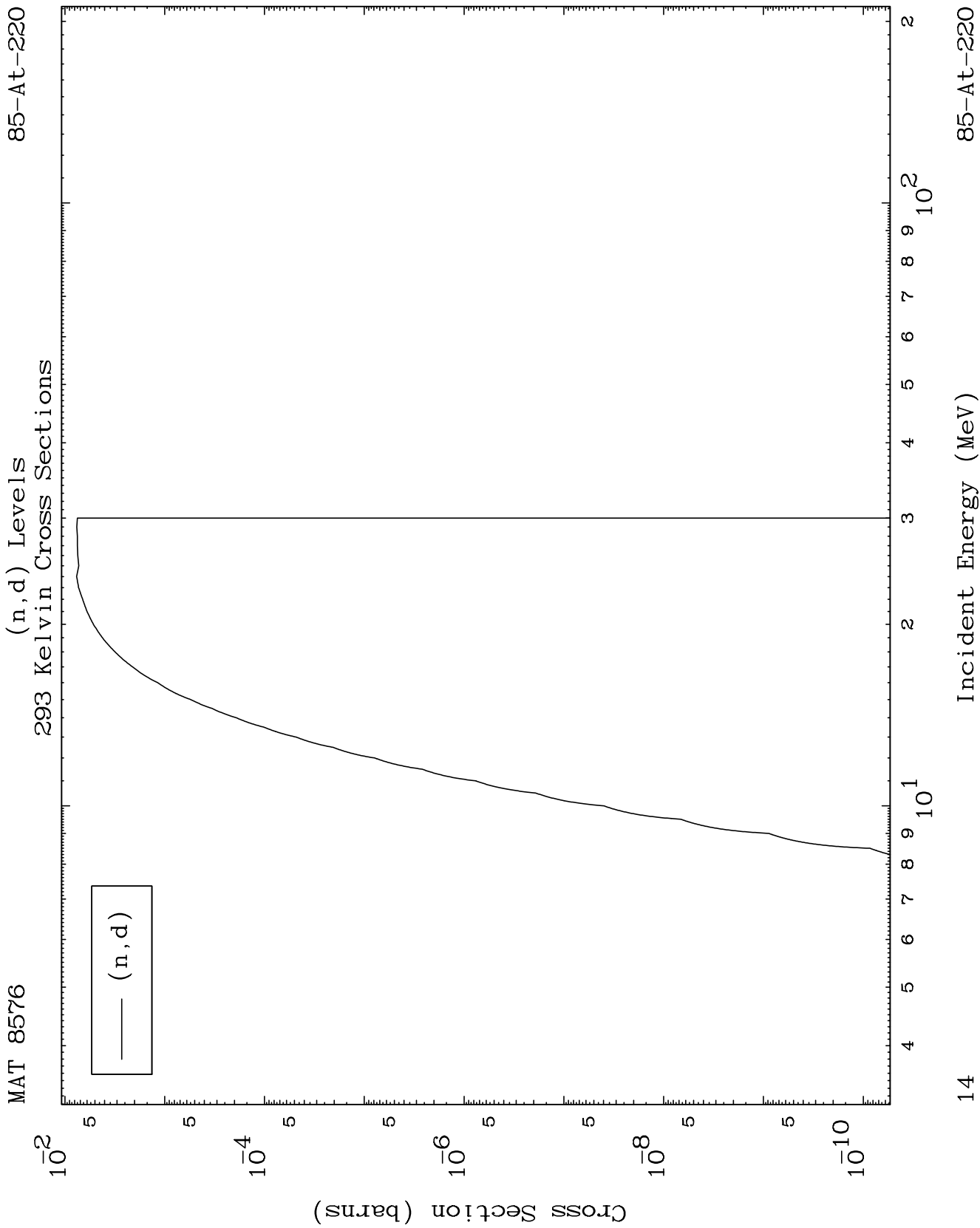
85-At-220



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Incident Energy (MeV)

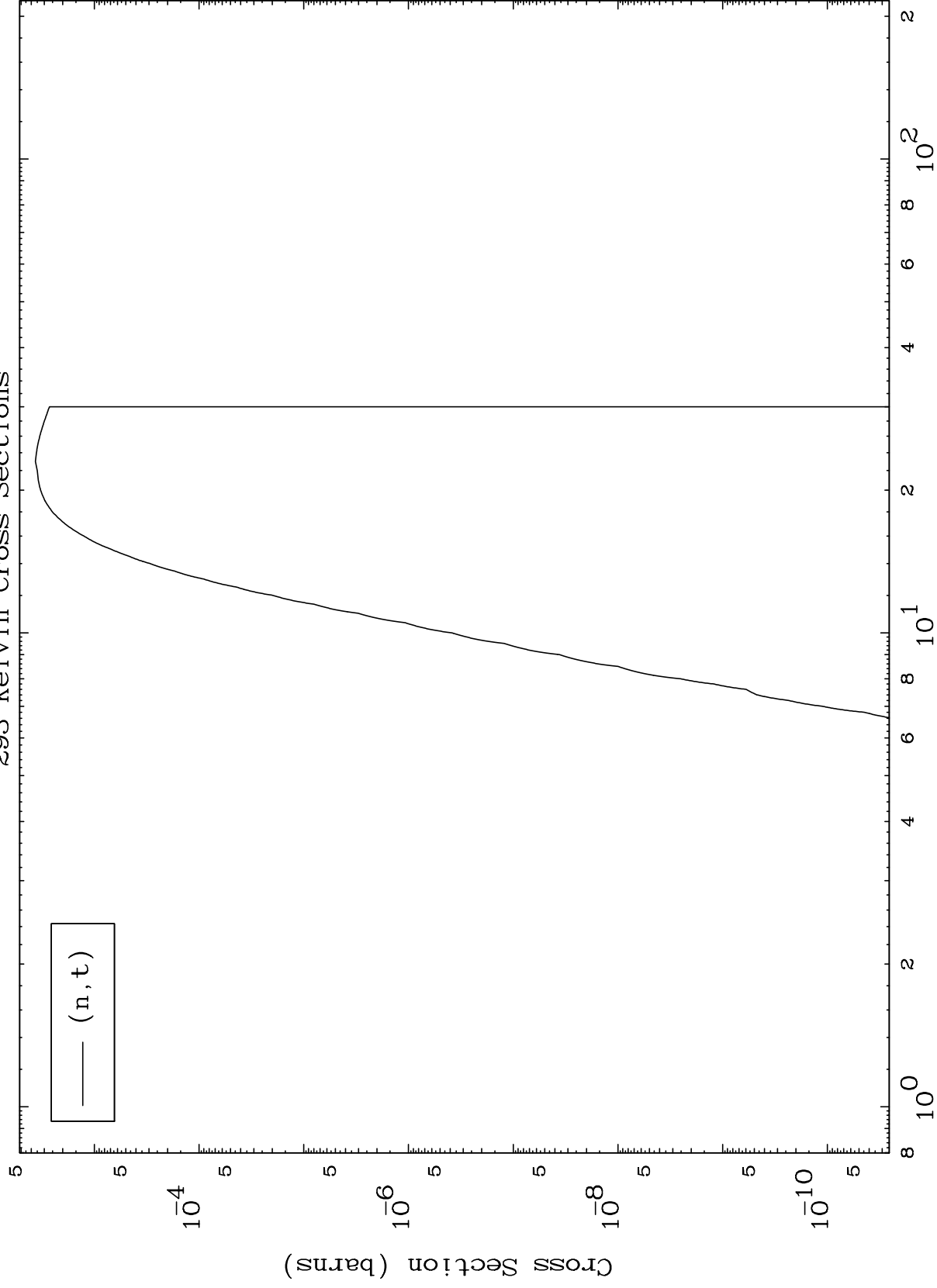
85-At-220



MAT 8576

(n,t) Levels
293 Kelvin Cross Sections

85-At-220



15

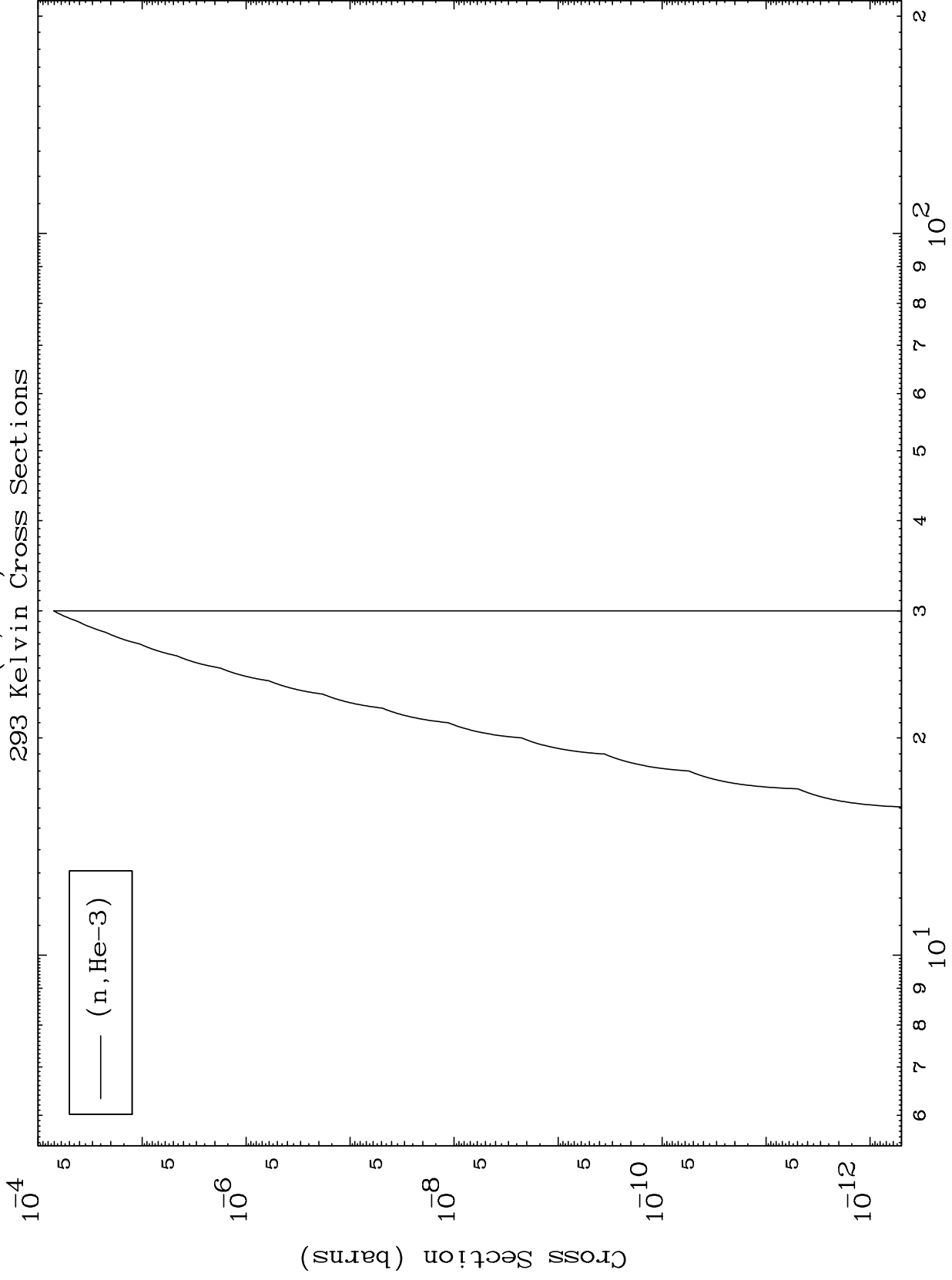
Incident Energy (MeV)

85-At-220

MAT 8576

(n,He3) Levels
293 Kelvin Cross Sections

85-At-220



16

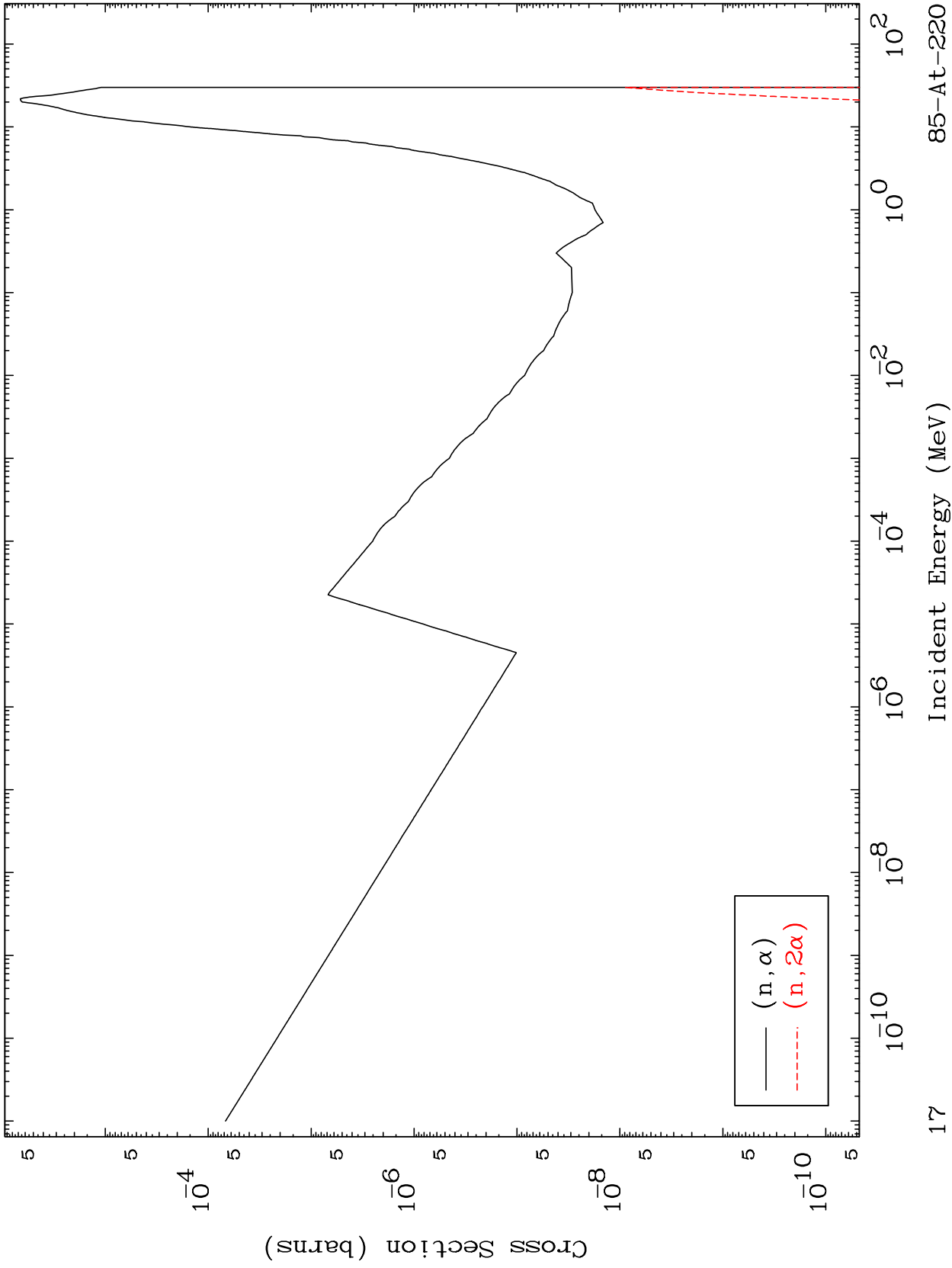
Incident Energy (MeV)

85-At-220

MAT 8576

(n,α) Levels
293 Kelvin Cross Sections

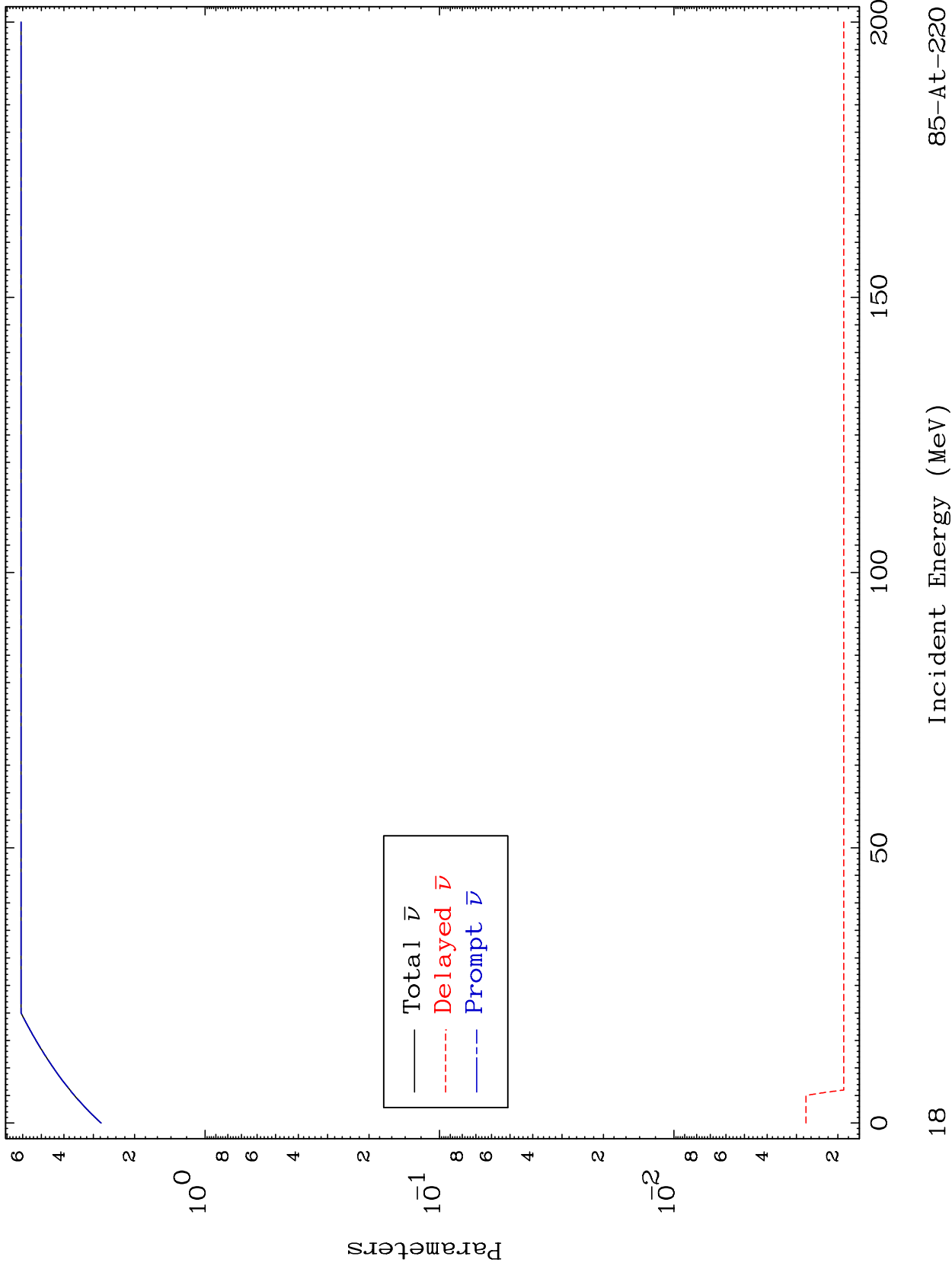
85-At-220



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Energy Release
Parameters

85-At-220



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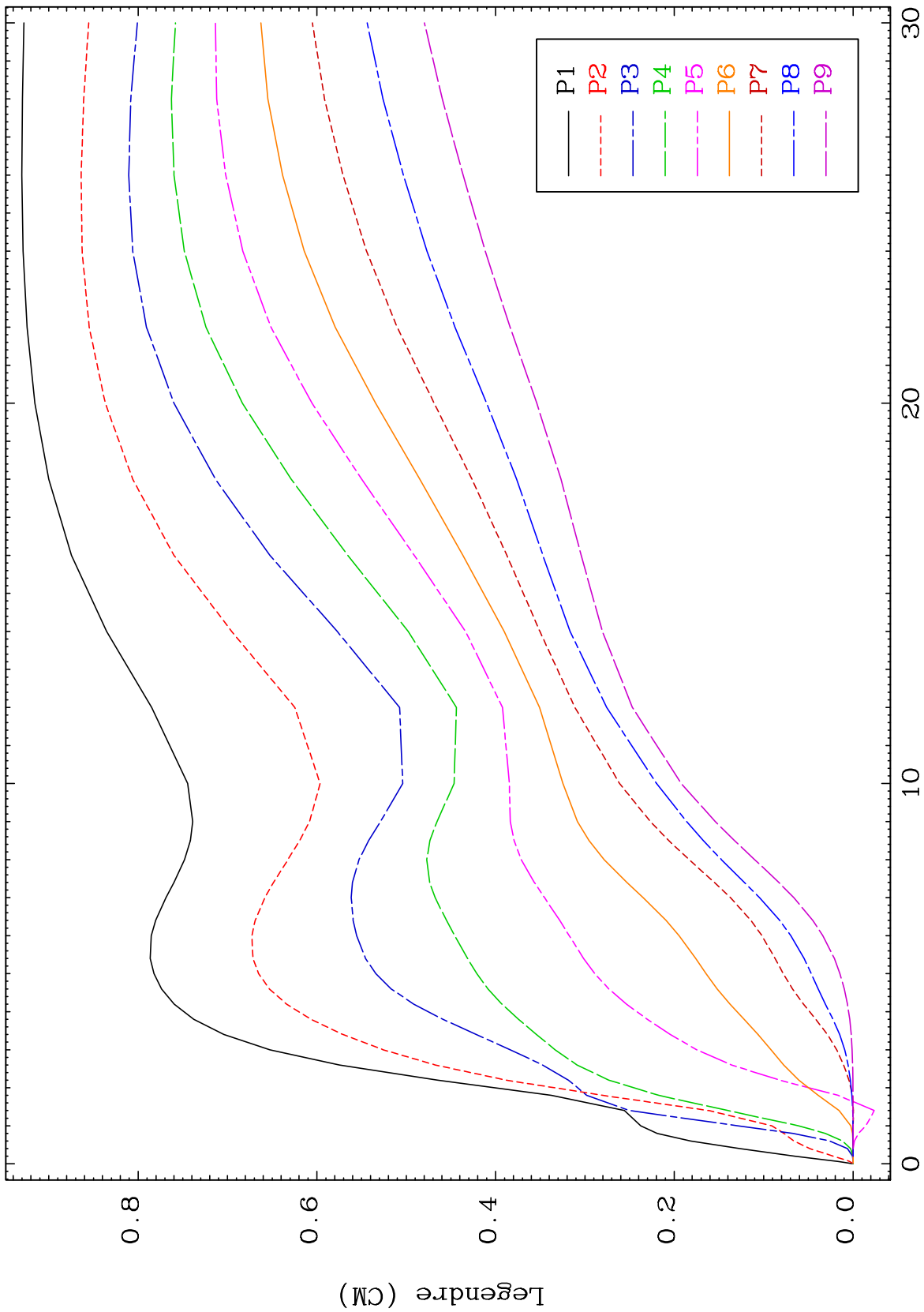
Incident Energy (MeV)

85-At-220

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85-At-220

Elastic Legendre Coefficients



85-At-220

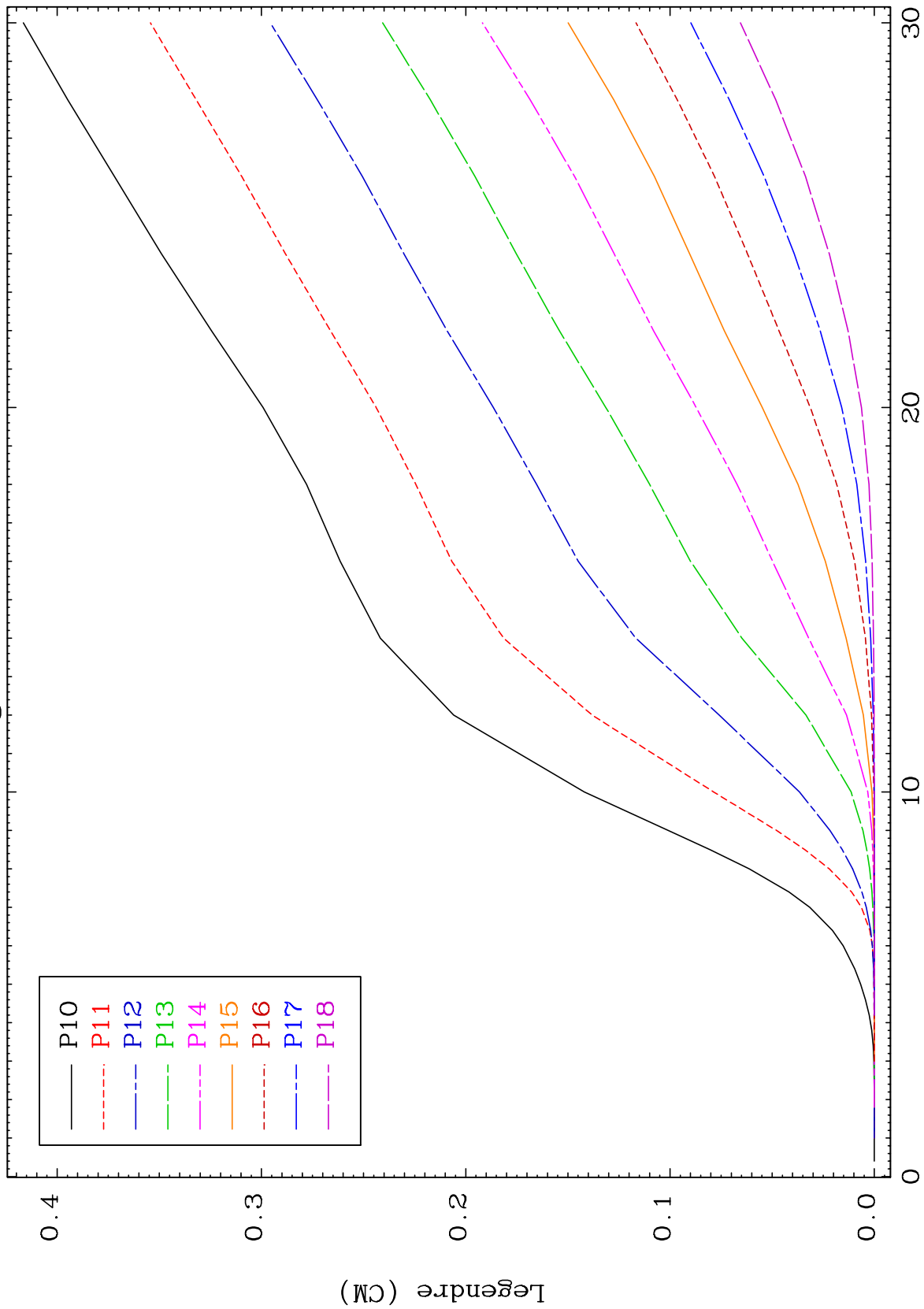
Incident Energy (MeV)

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Elastic Legendre Coefficients

85-At-220



20

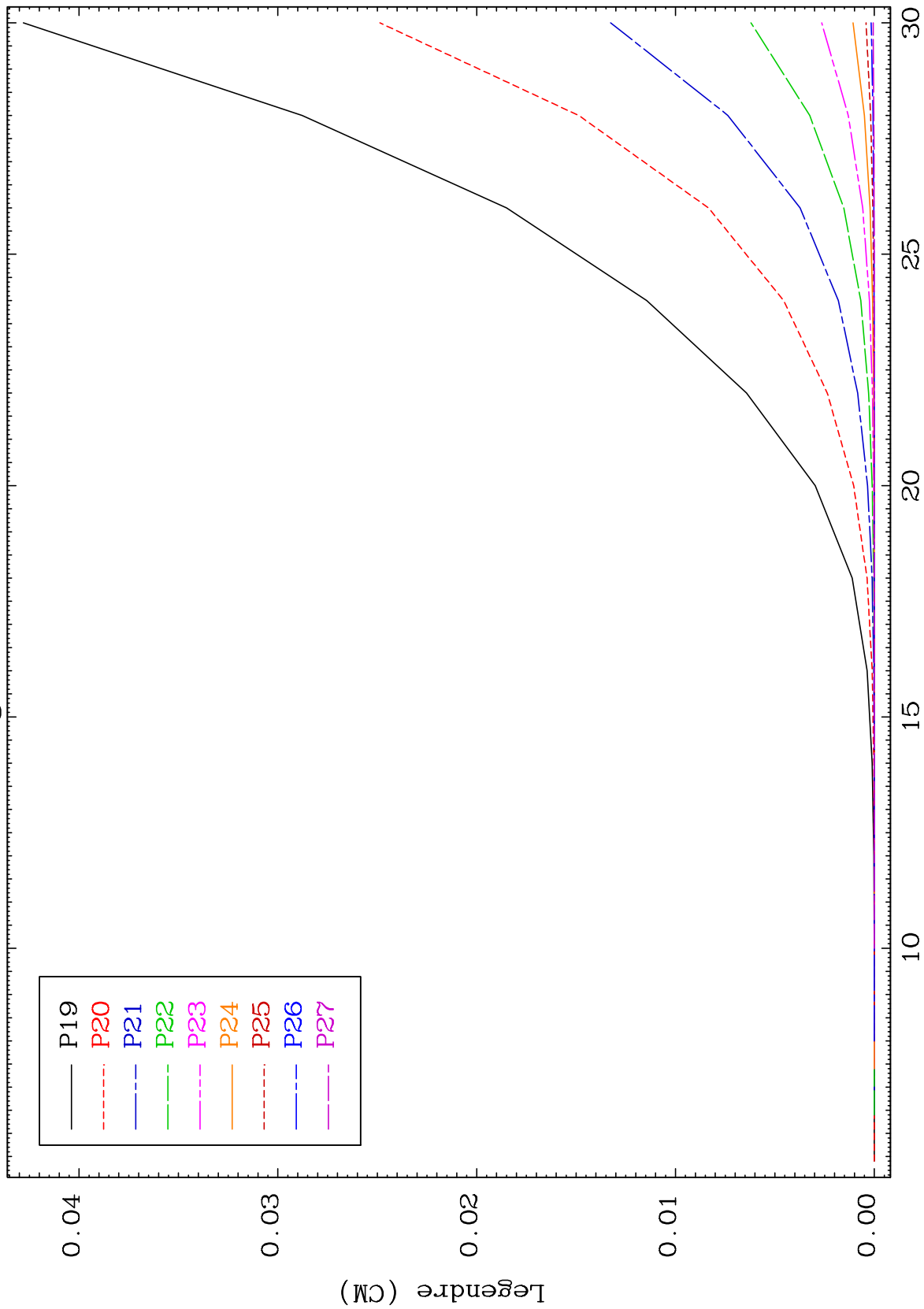
Incident Energy (MeV)

85-At-220

MAT 8576

Elastic Legendre Coefficients

85-At-220



21

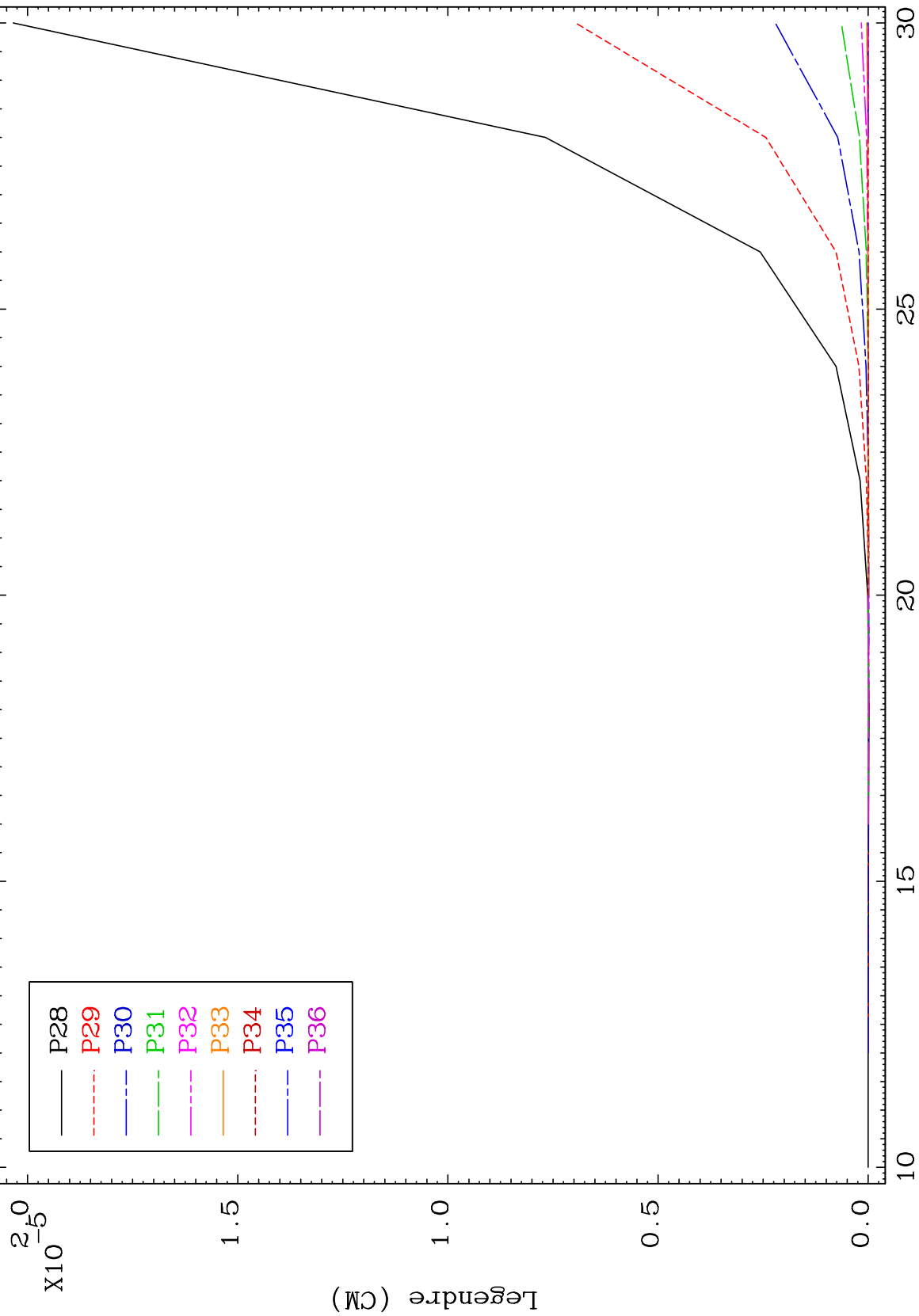
Incident Energy (MeV)

85-At-220

MAT 8576

Elastic Legendre Coefficients

85-At-220



22

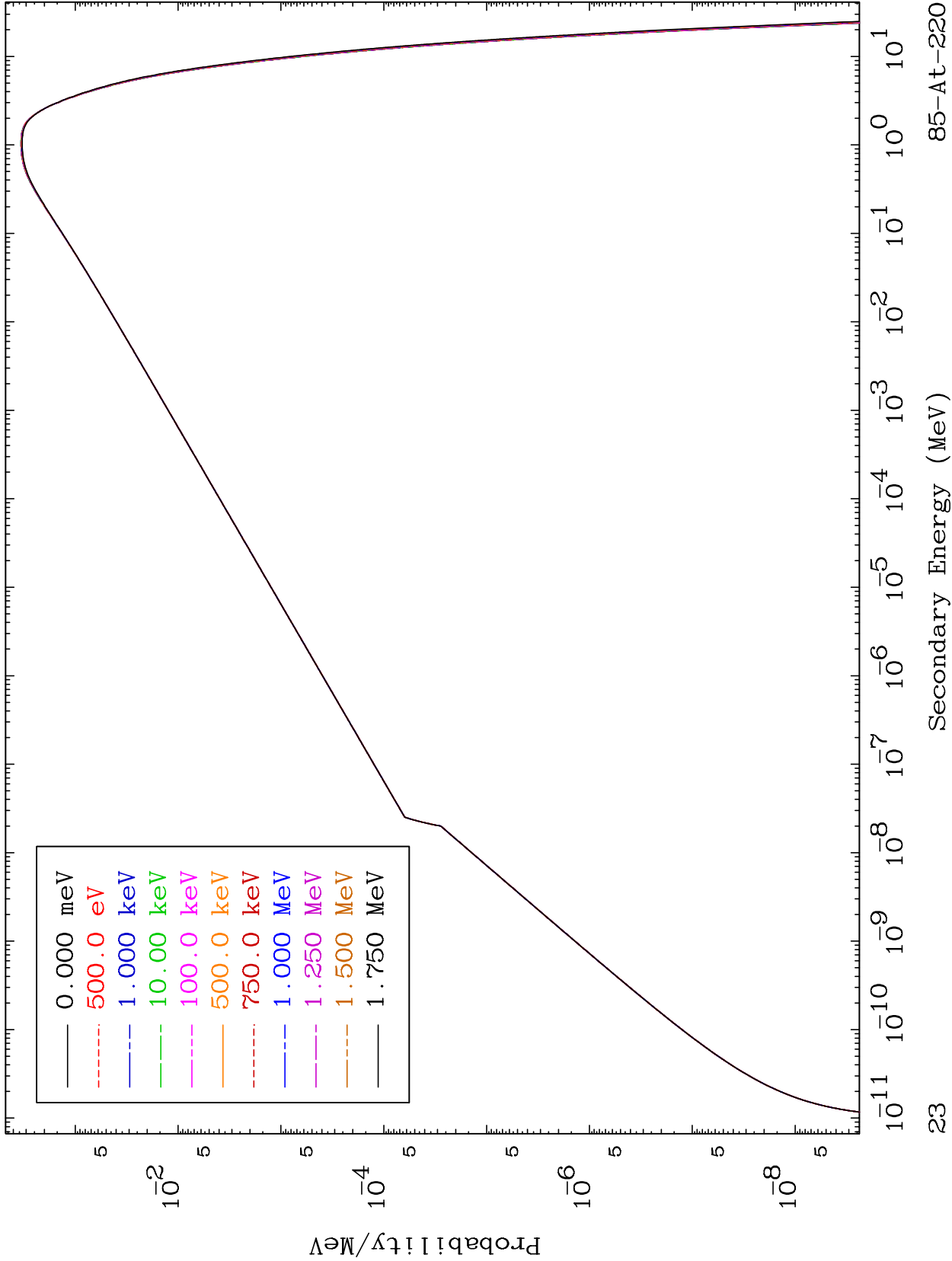
Incident Energy (MeV)

85-At-220

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Fission Energy Distributions

85-At-220



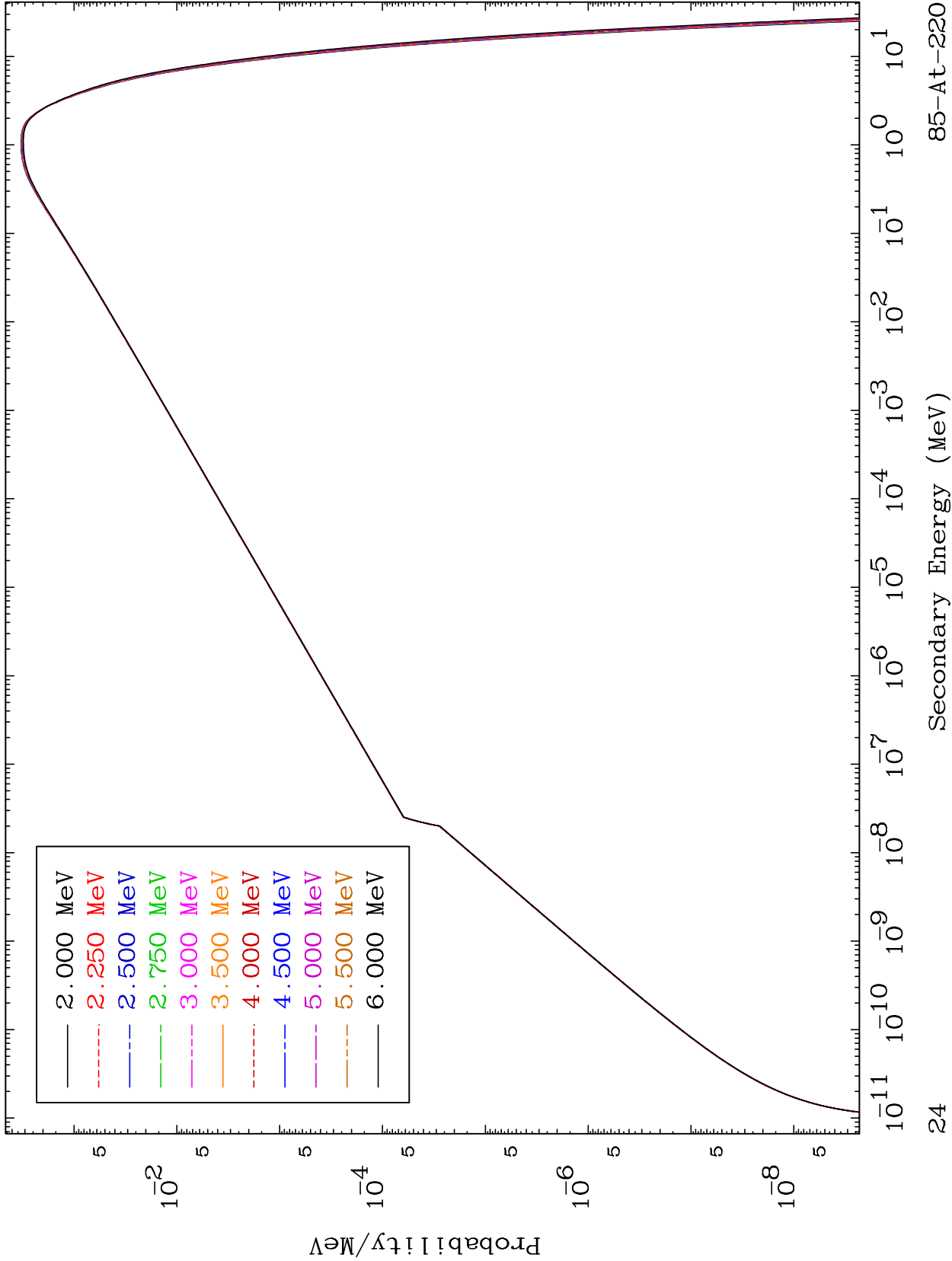
85-At-220

Secondary Energy (MeV)

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Fission Energy Distributions

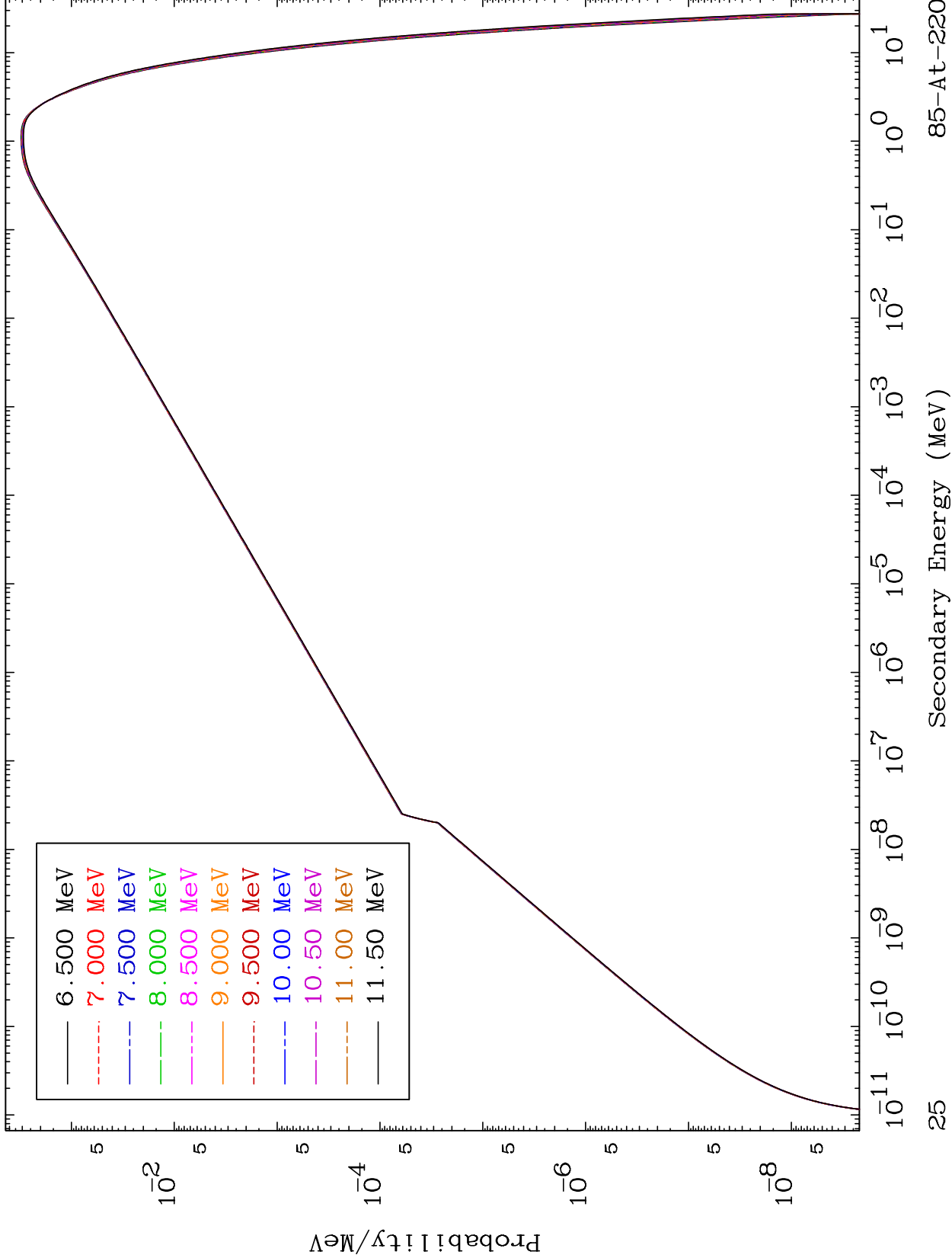
85-At-220



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Fission Energy Distributions

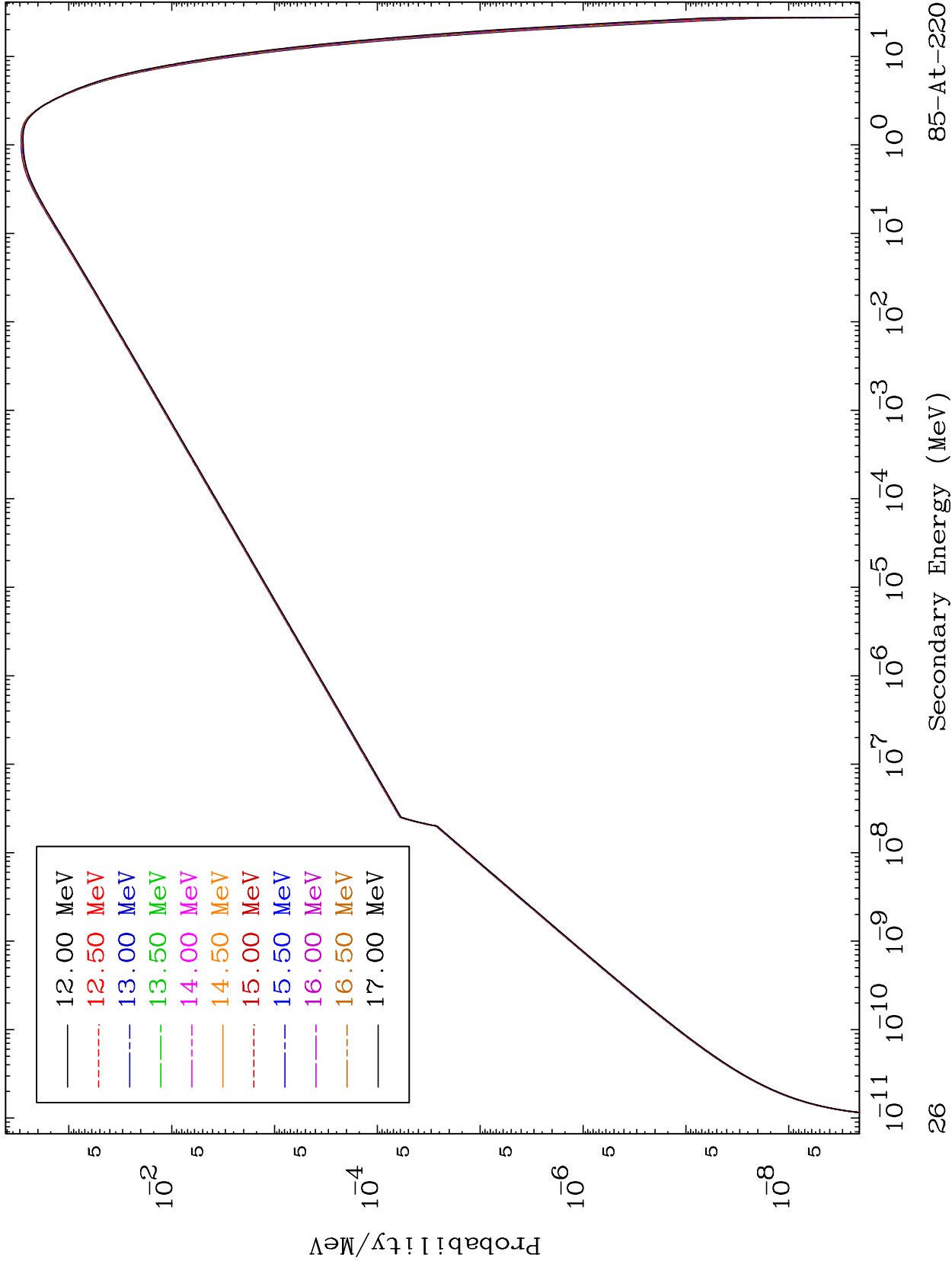
85-At-220



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Fission Energy Distributions

85-At-220

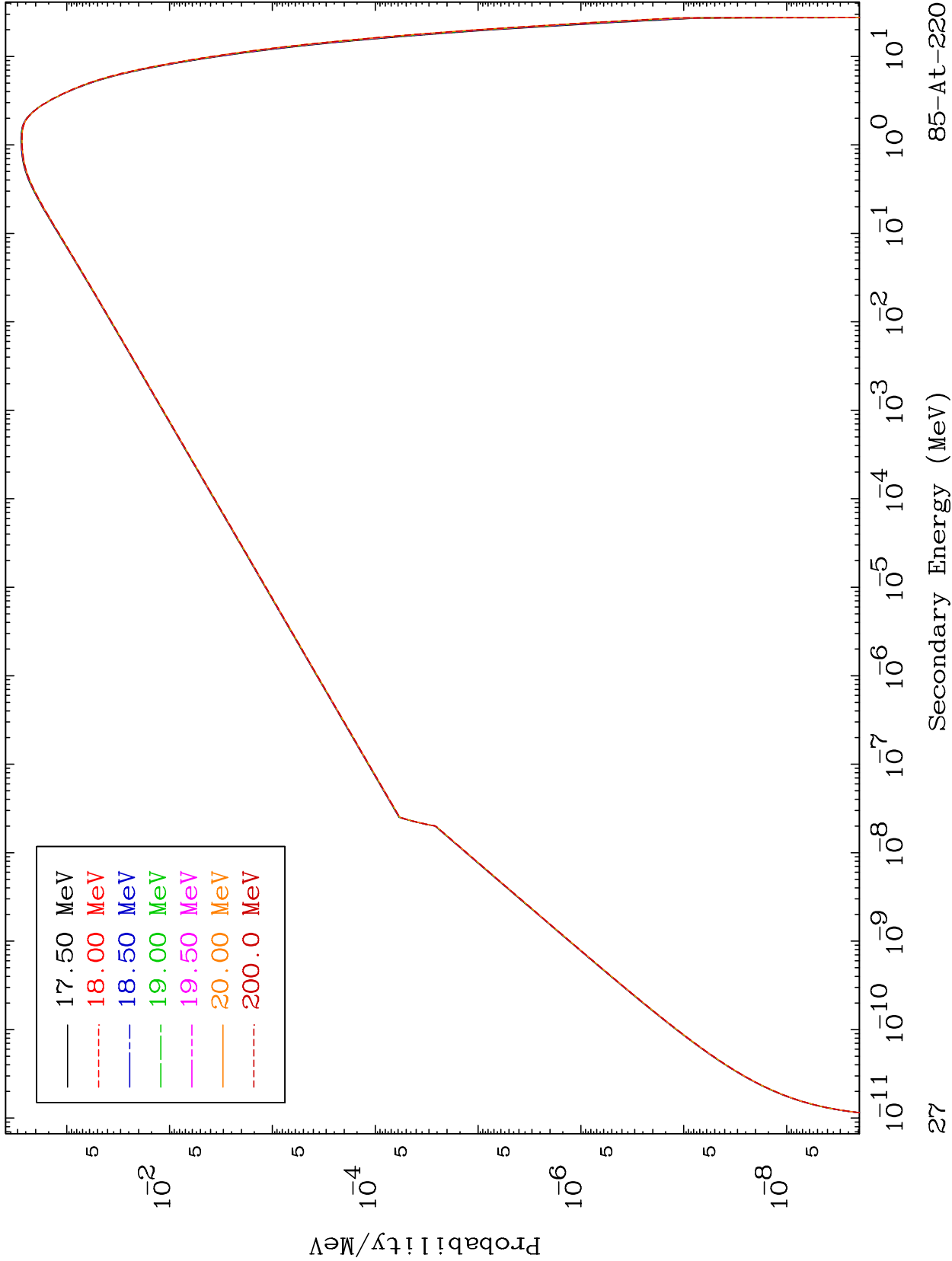


85-At-220

Secondary Energy (MeV)

26

Fission Energy Distributions

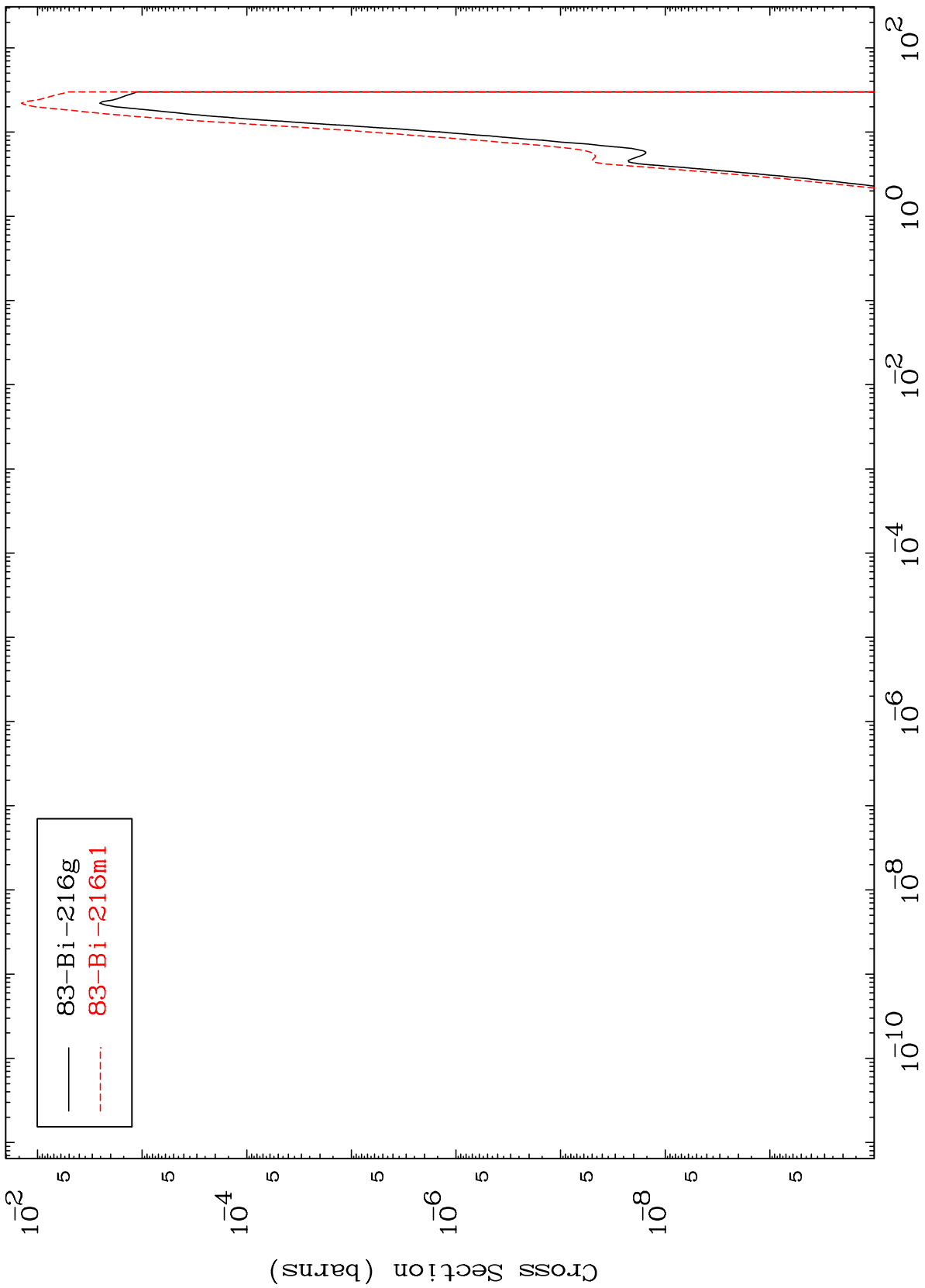


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$(n, n') \alpha$

85-At-220

Radionuclide Production Cross Section



83-Bi-216g
83-Bi-216m1

Incident Energy (MeV)

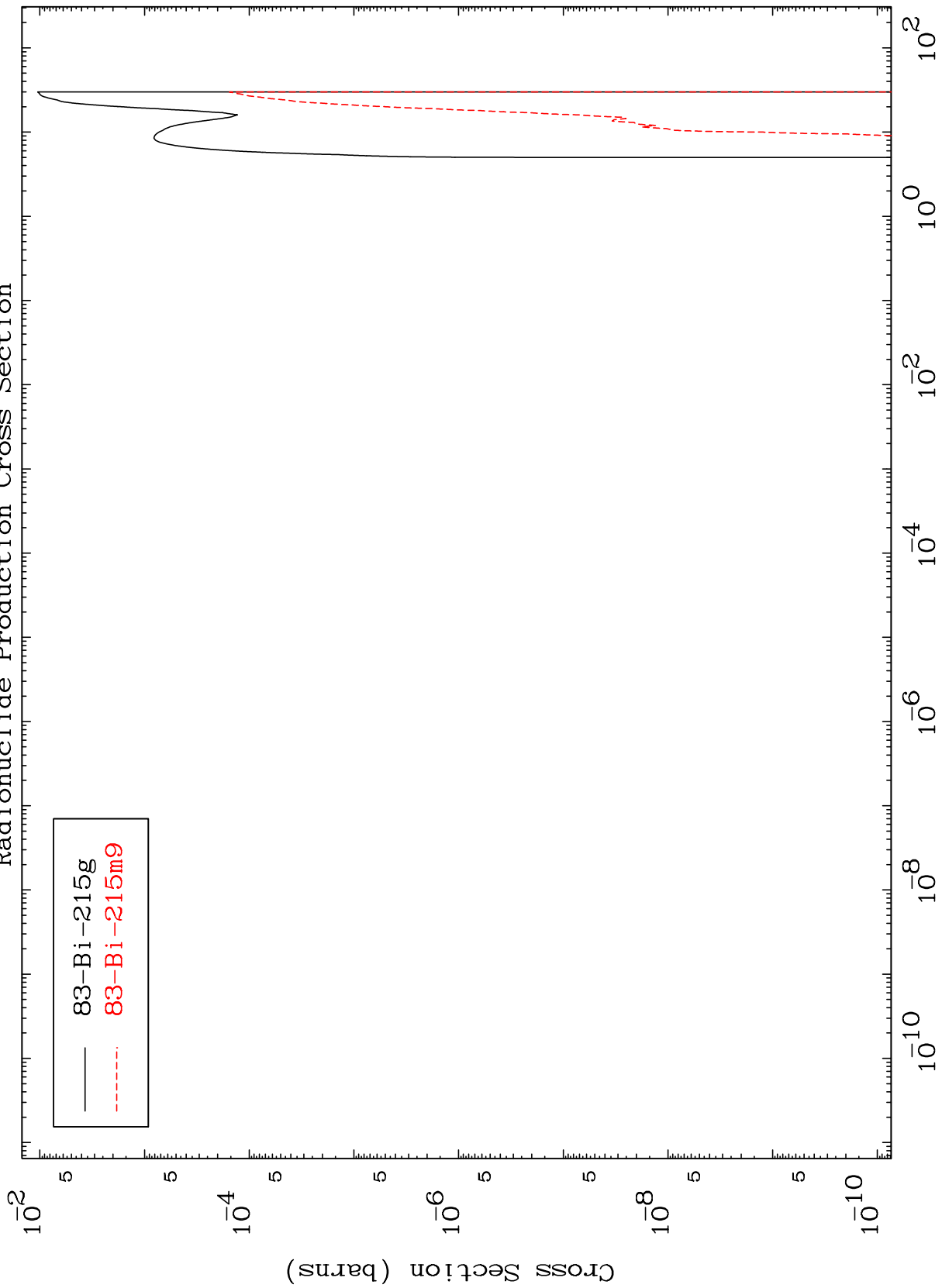
85-At-220

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(n,2n) α

85-At-220

Radionuclide Production Cross Section



83-Bi-215g
83-Bi-215m9

Incident Energy (MeV)

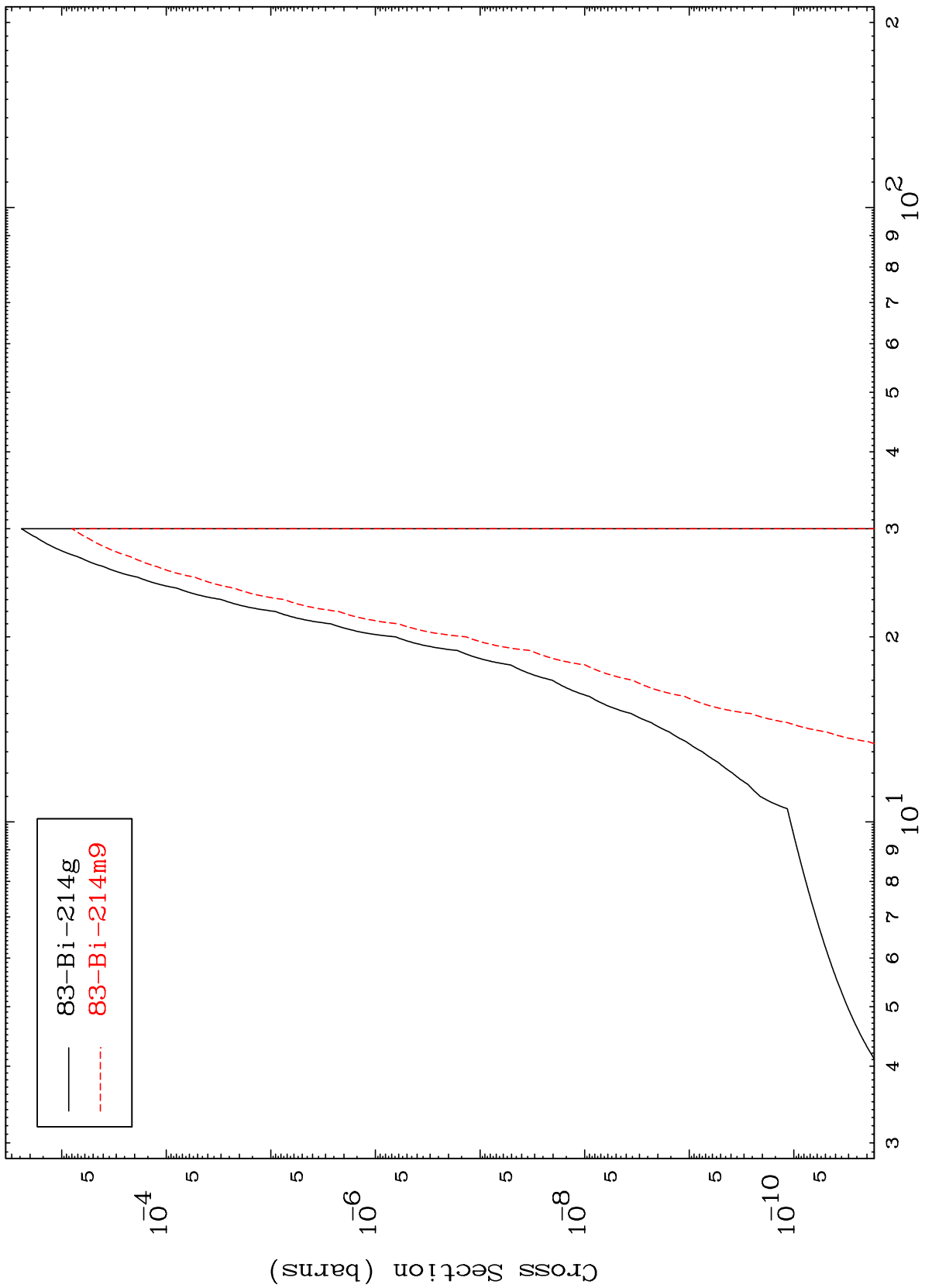
85-At-220

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(n,3n) α

85-At-220

Radionuclide Production Cross Section



30

Incident Energy (MeV)

85-At-220