

Program EVALPLOT
(Version 2018-1)

by

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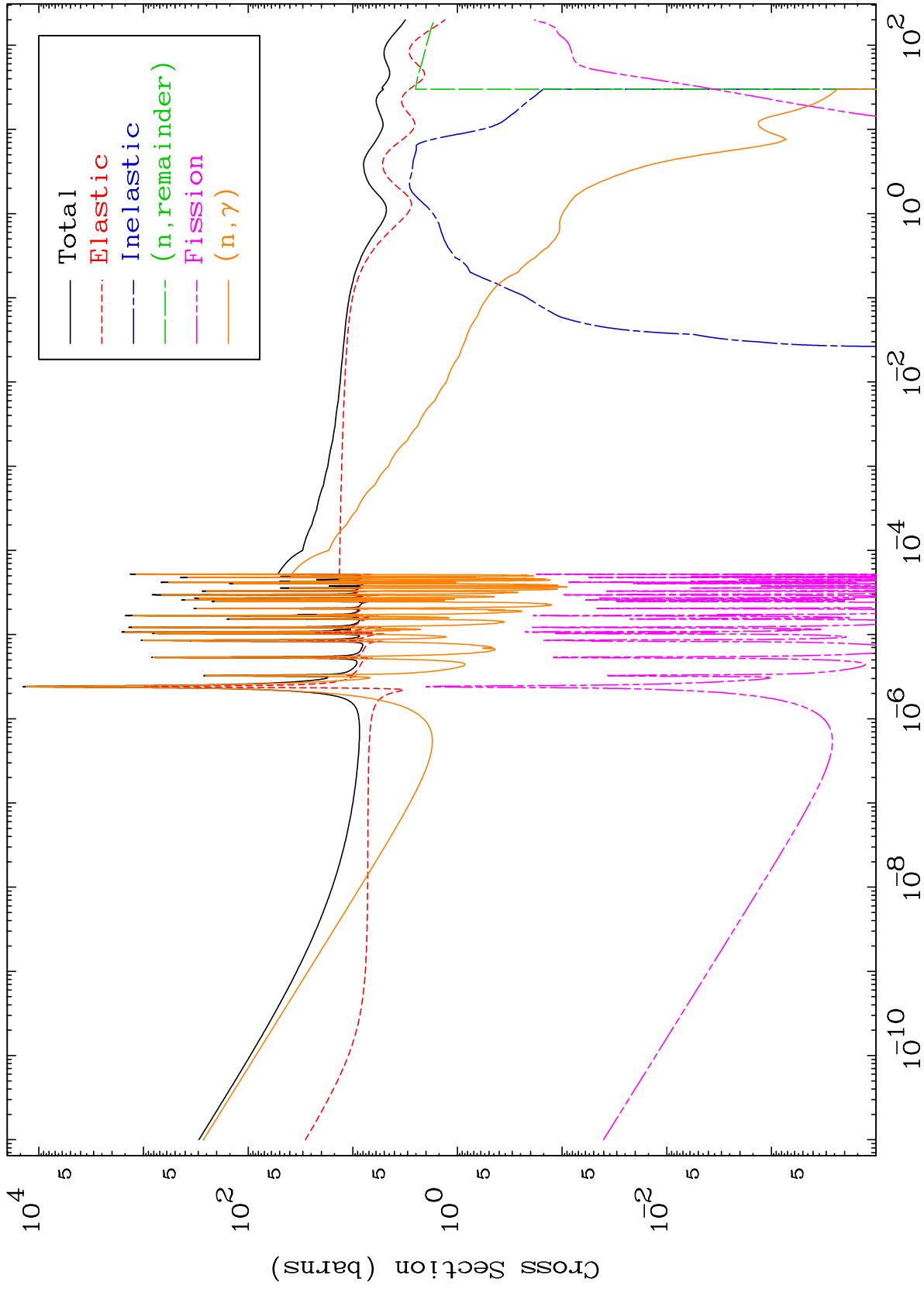
Press Mouse Button to Start

MAT 8752

Major

293 Kelvin Cross Sections

87-Fr-221



1

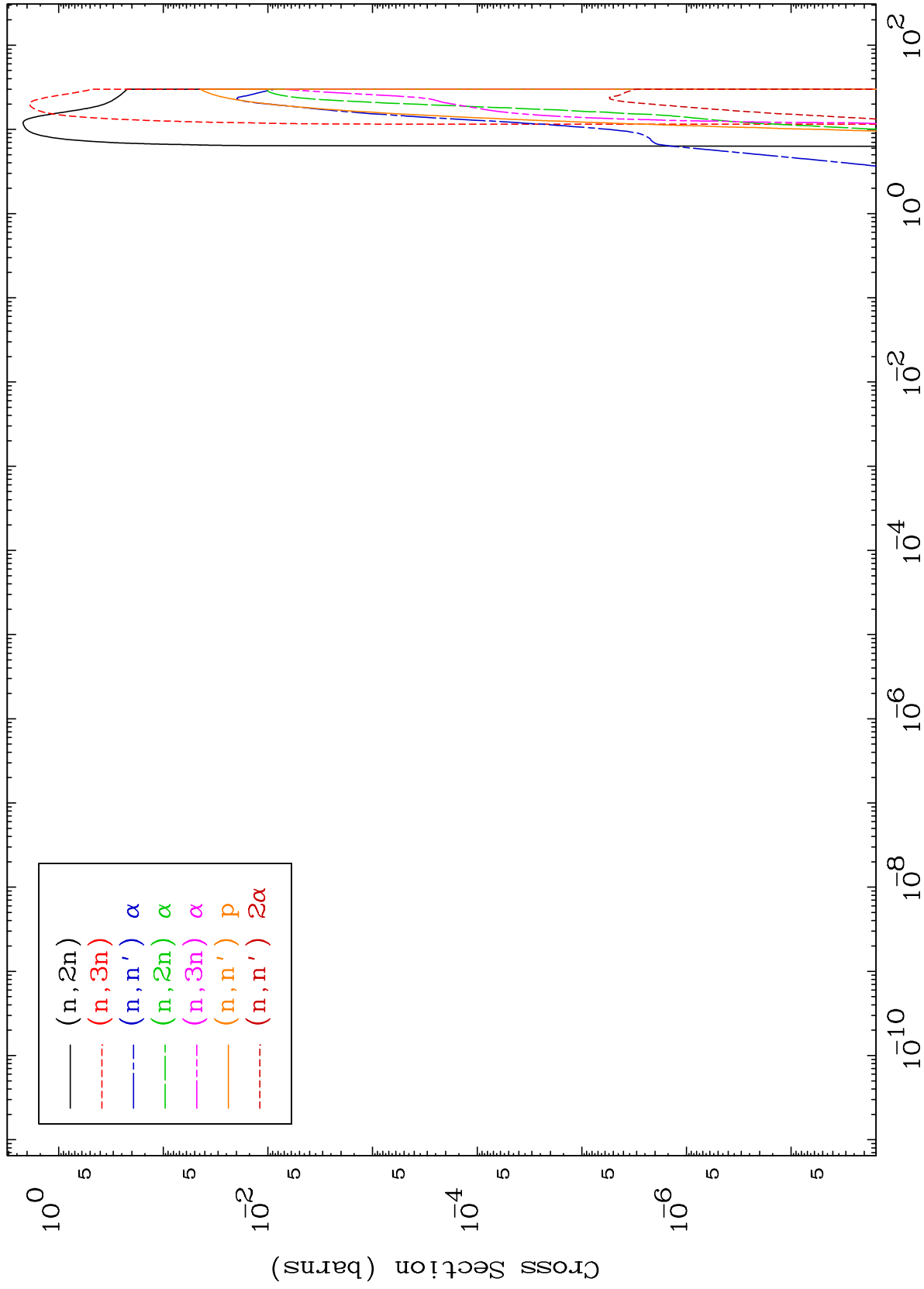
Incident Energy (MeV)

87-Fr-221

MAT 8752

Neutron Production
293 Kelvin Cross Sections

87-Fr-221



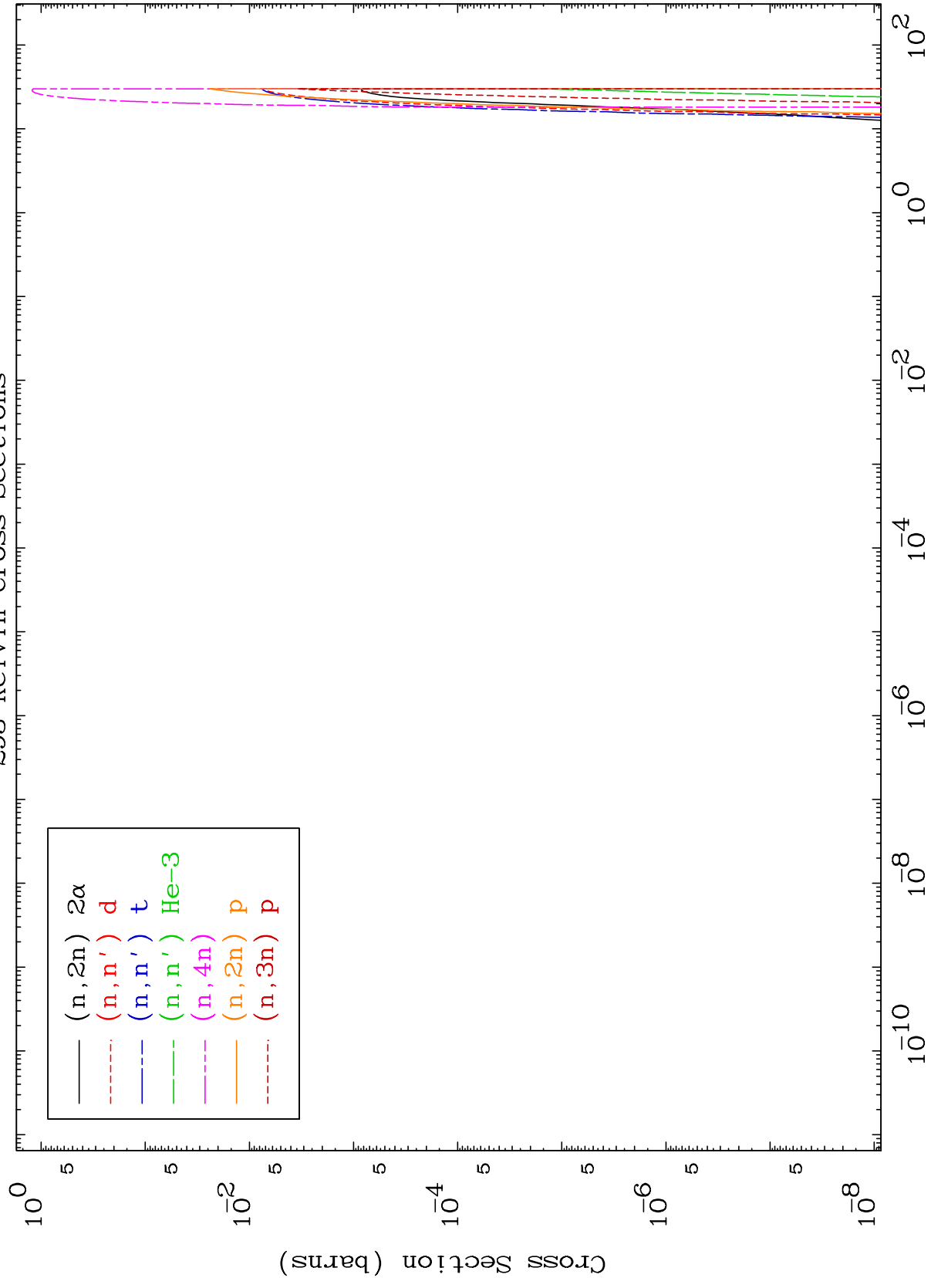
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87-Fr-221

MAT 8752

Neutron Production
293 Kelvin Cross Sections

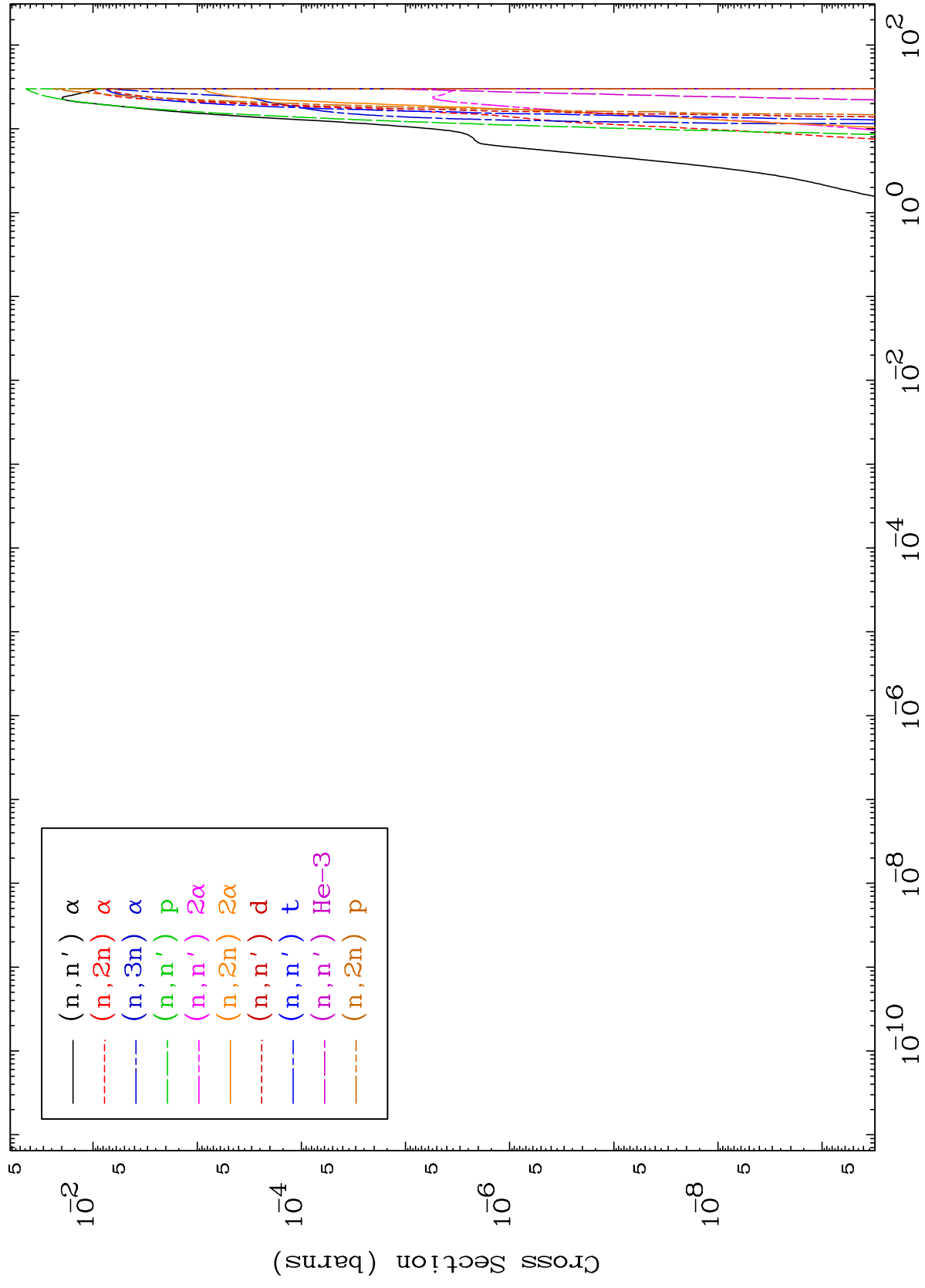
87-Fr-221



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293 Charged Particle
Kelvin Cross Sections

87-Fr-221



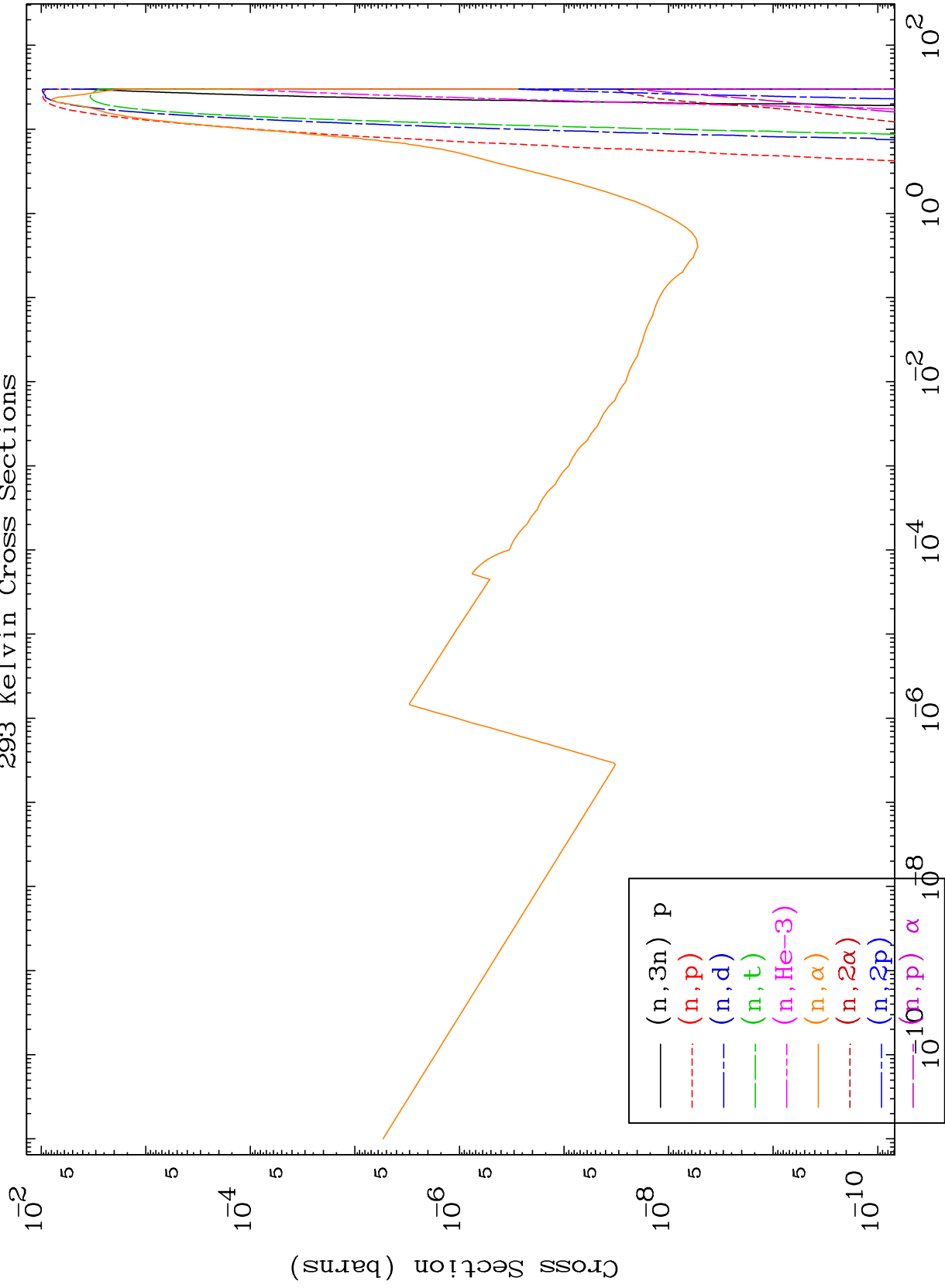
87-Fr-221

Incident Energy (MeV)

MAT 8752

Charged Particle
293 Kelvin Cross Sections

87-Fr-221



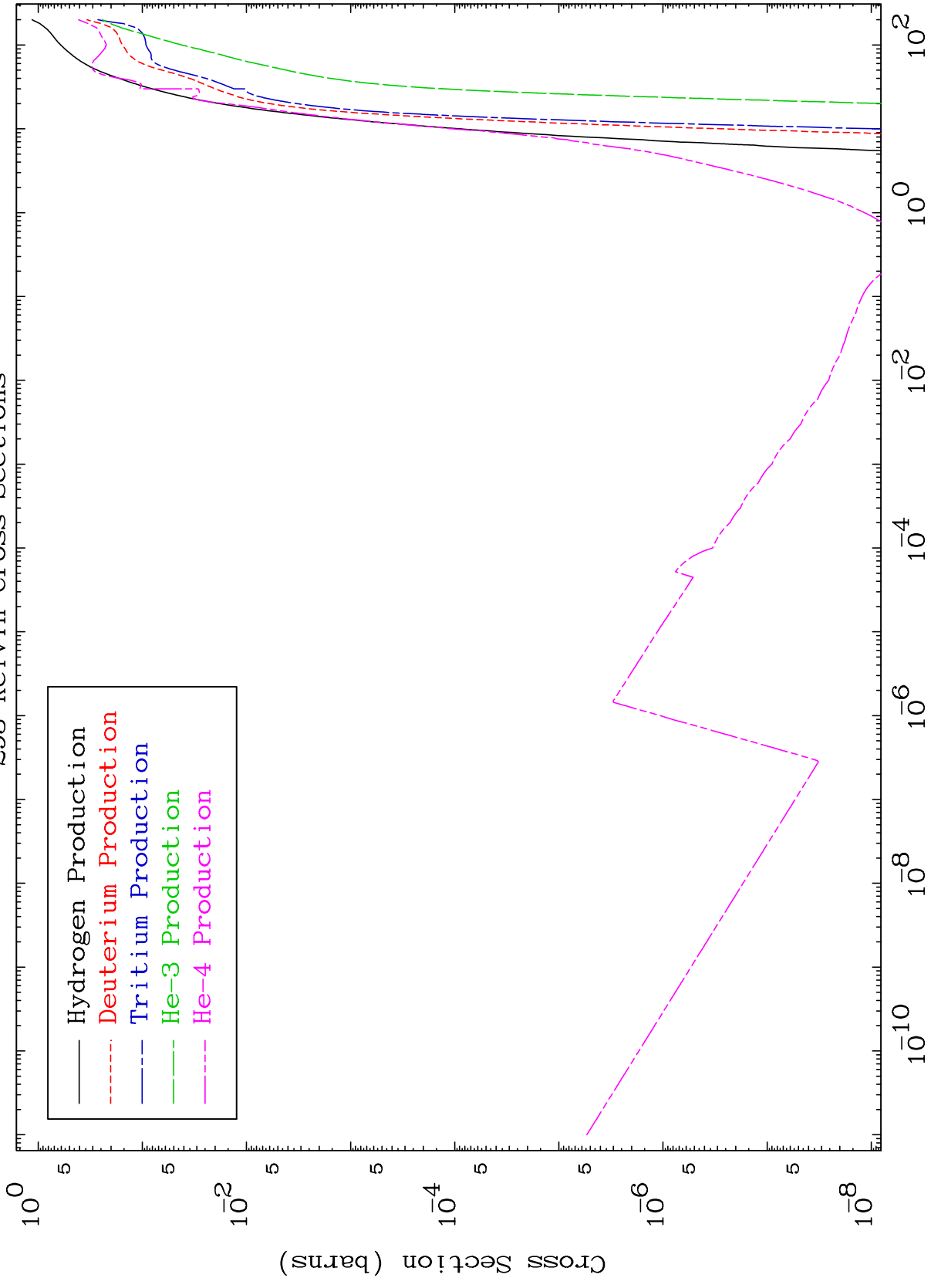
5

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Particle Production
293 Kelvin Cross Sections

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6

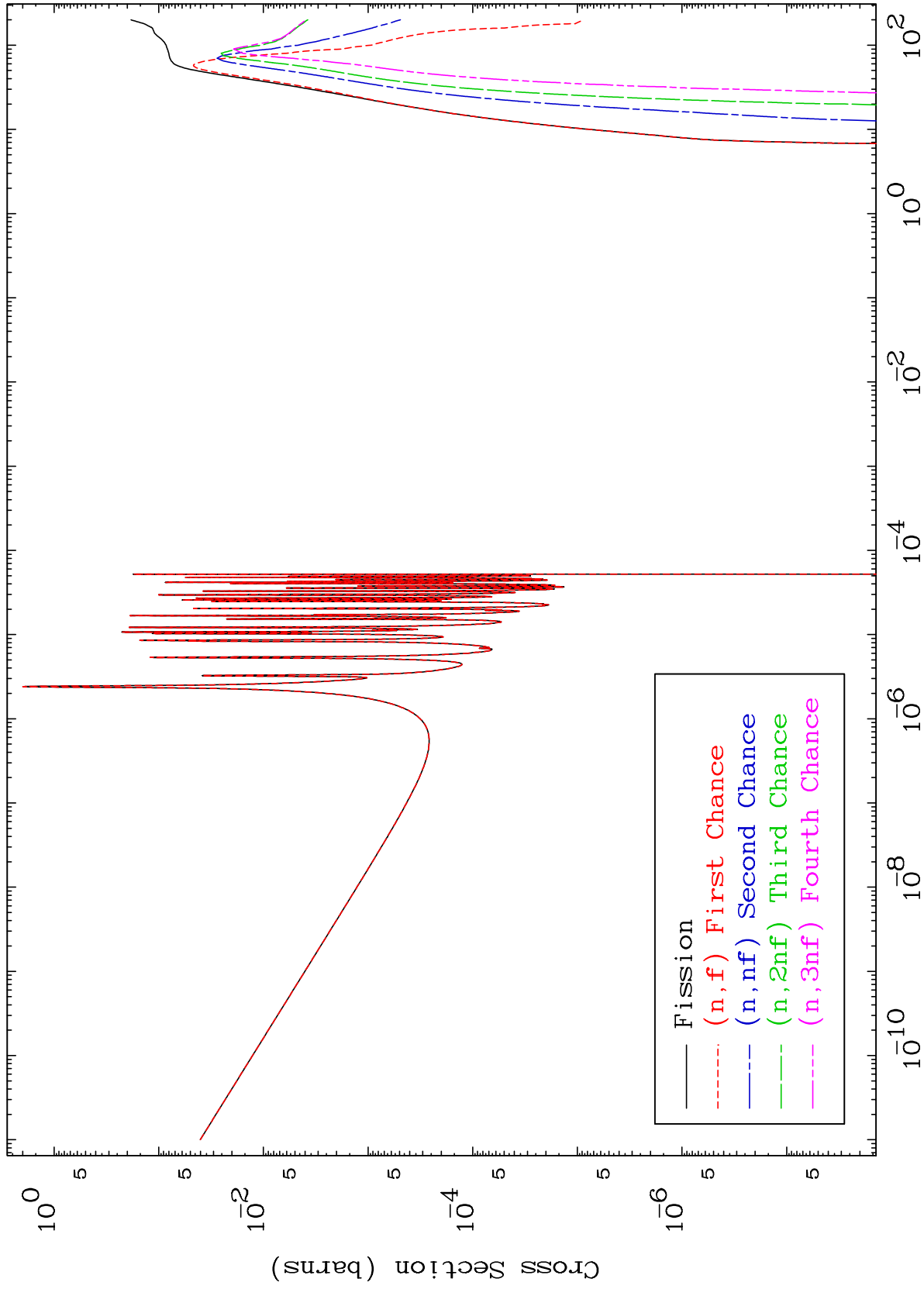
Incident Energy (MeV)

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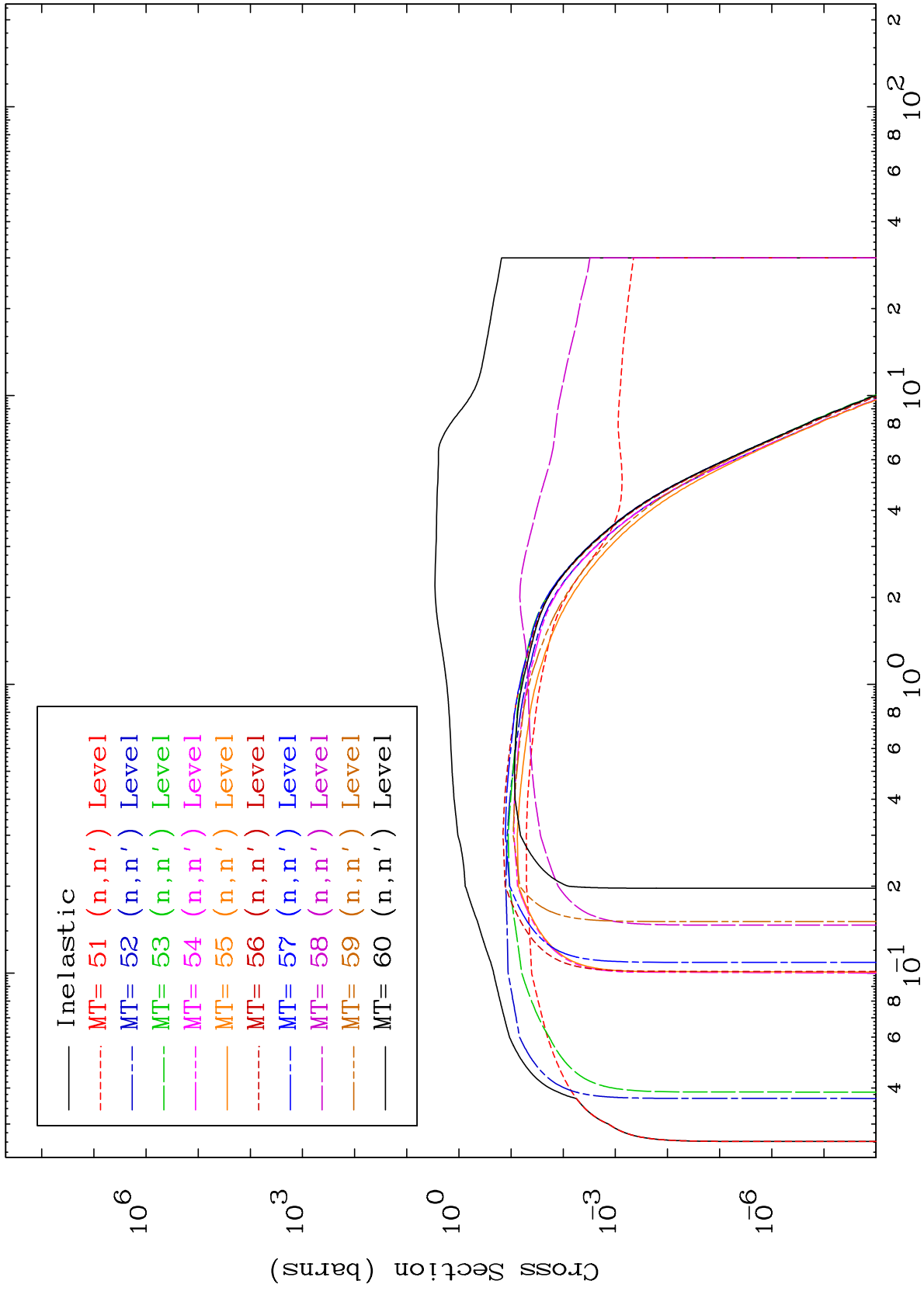
MAT 8752

Fission
293 Kelvin Cross Sections

87-Fr-221



87-Fr-221

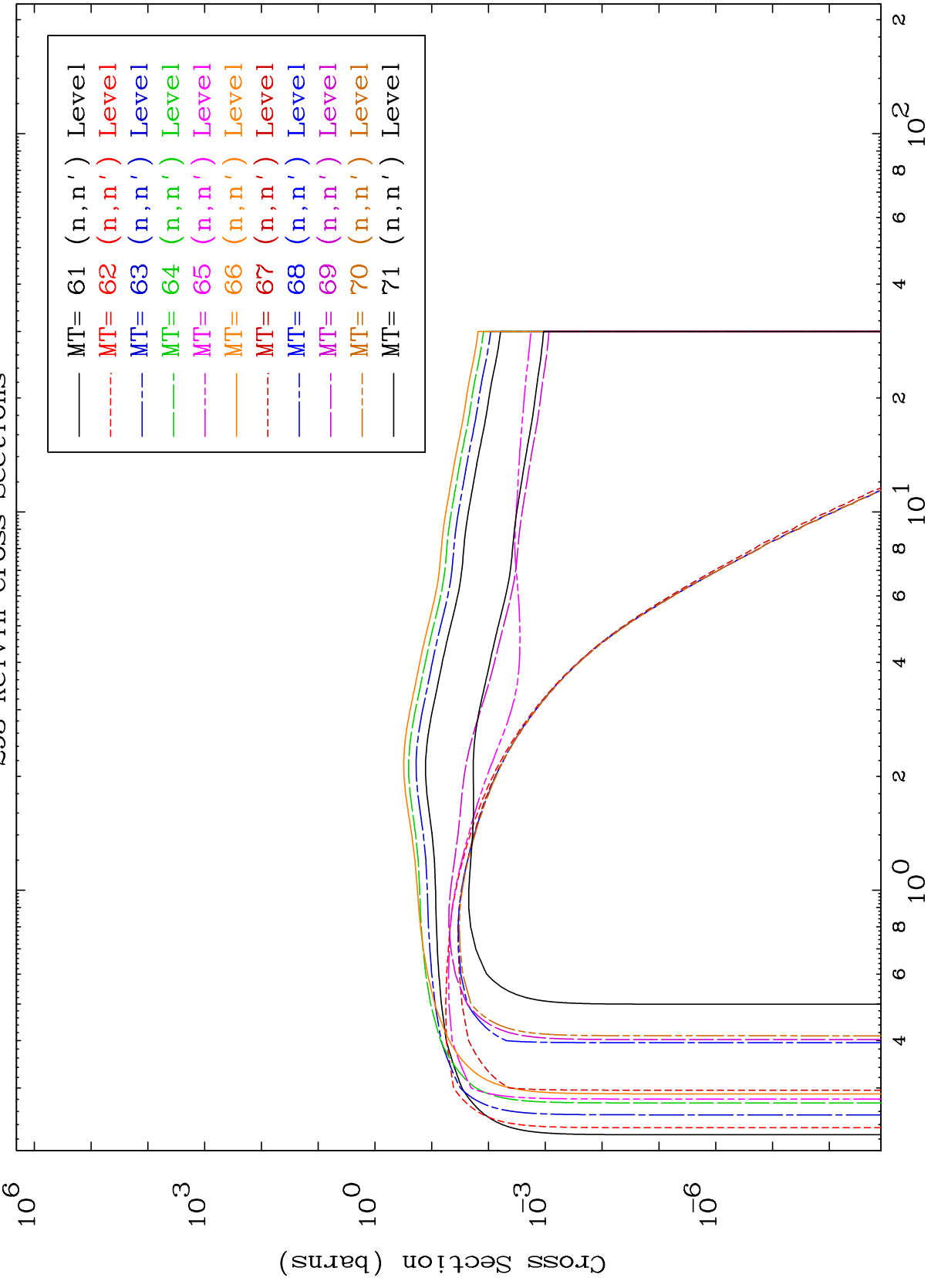


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(n,n') Level

87-Fr-221

293 Kelvin Cross Sections

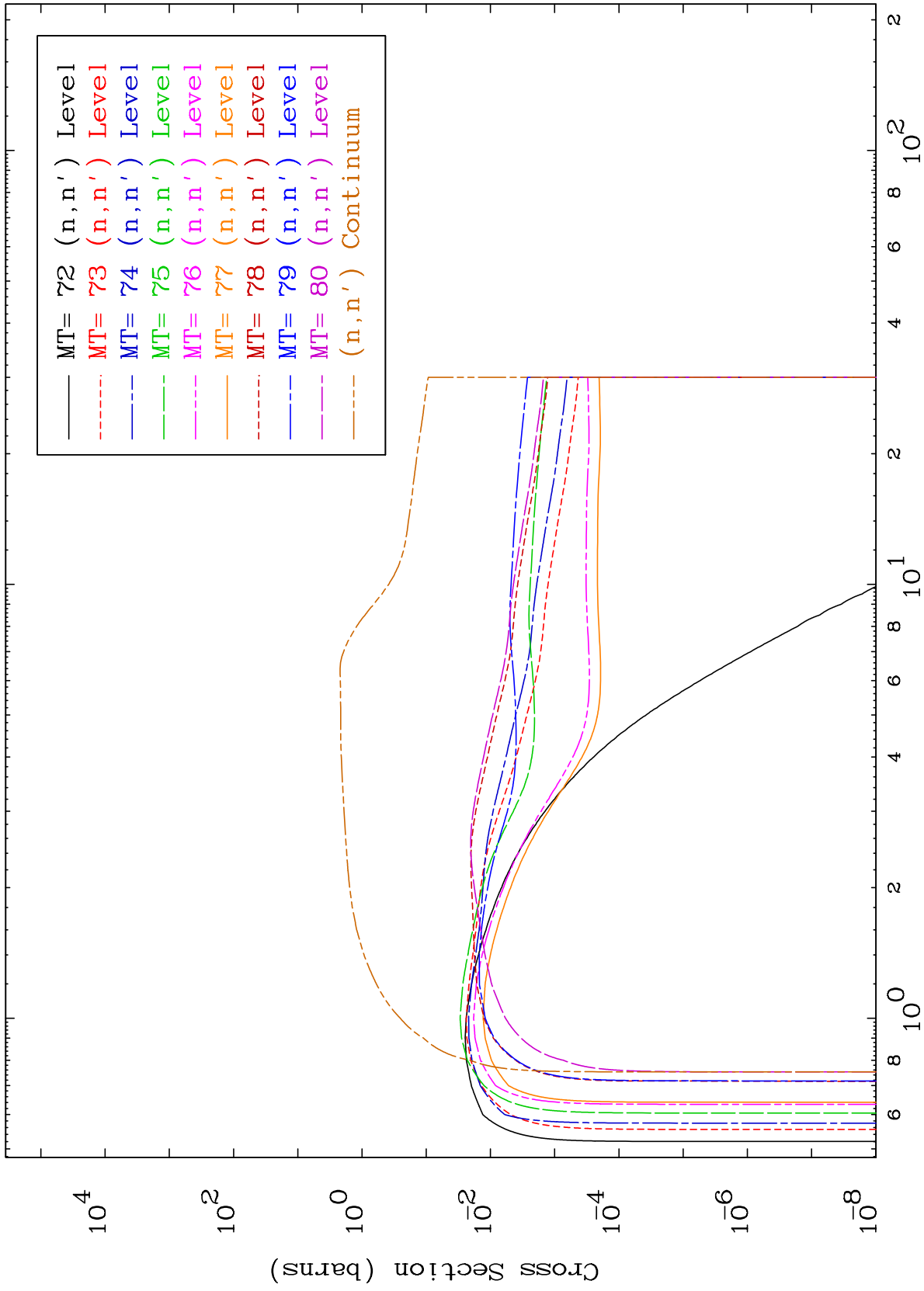


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(n,n') Level

87-Fr-221

293 Kelvin Cross Sections



10

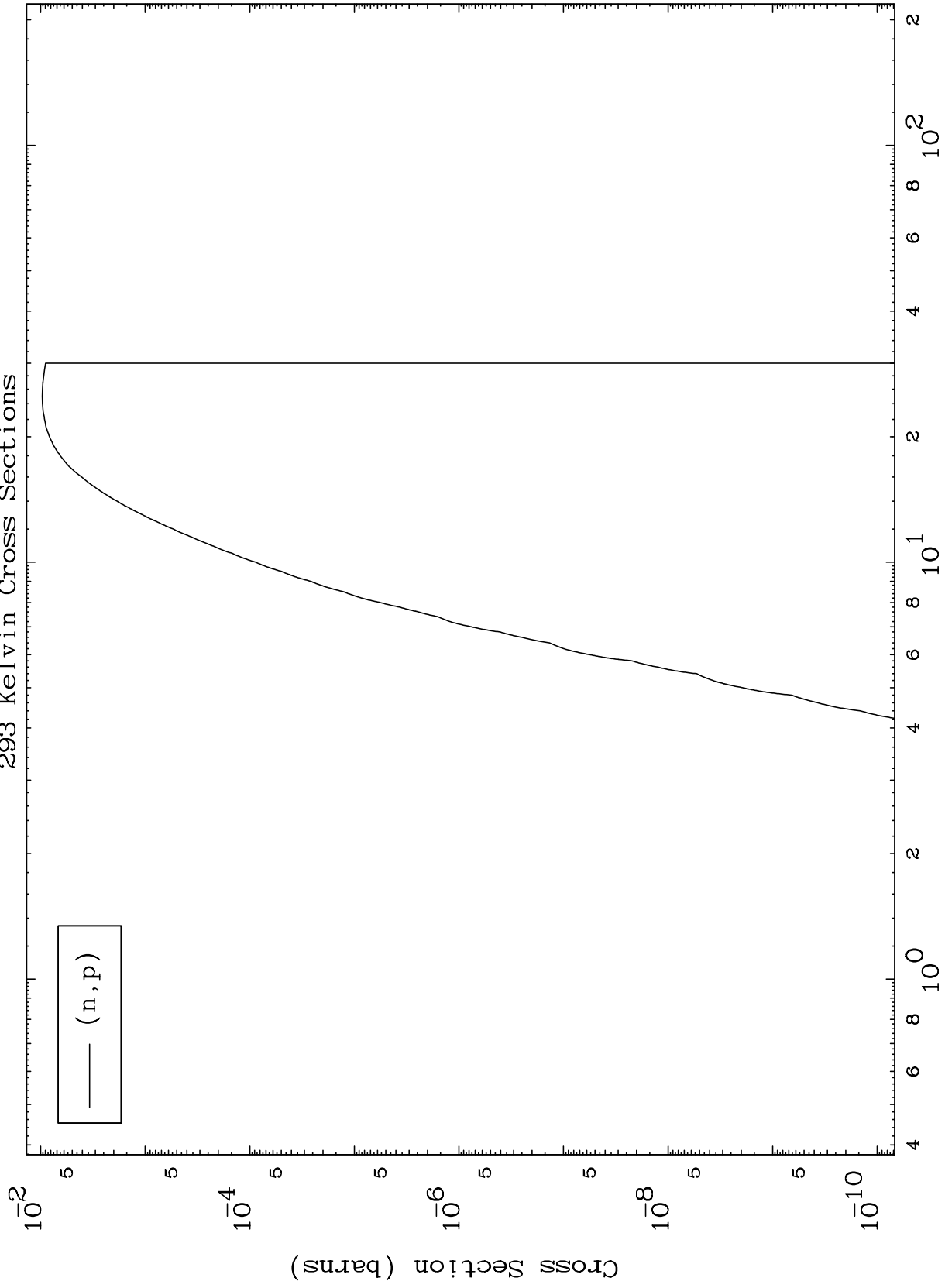
Incident Energy (MeV)

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MAT 8752

(n,p) Levels
293 Kelvin Cross Sections

87-Fr-221



11

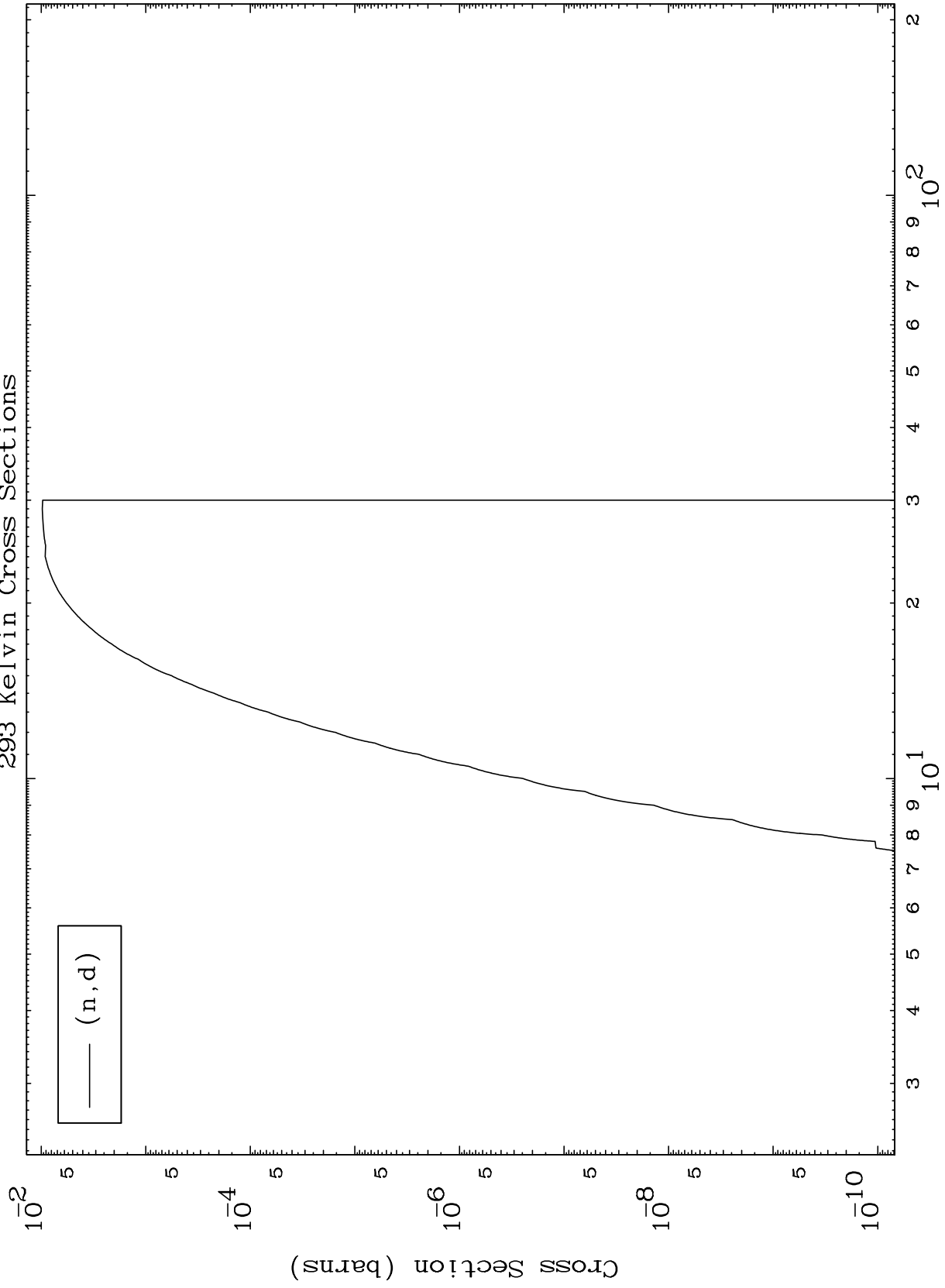
Incident Energy (MeV)

87-Fr-221

MAT 8752

(n,d) Levels
293 Kelvin Cross Sections

87-Fr-221



12

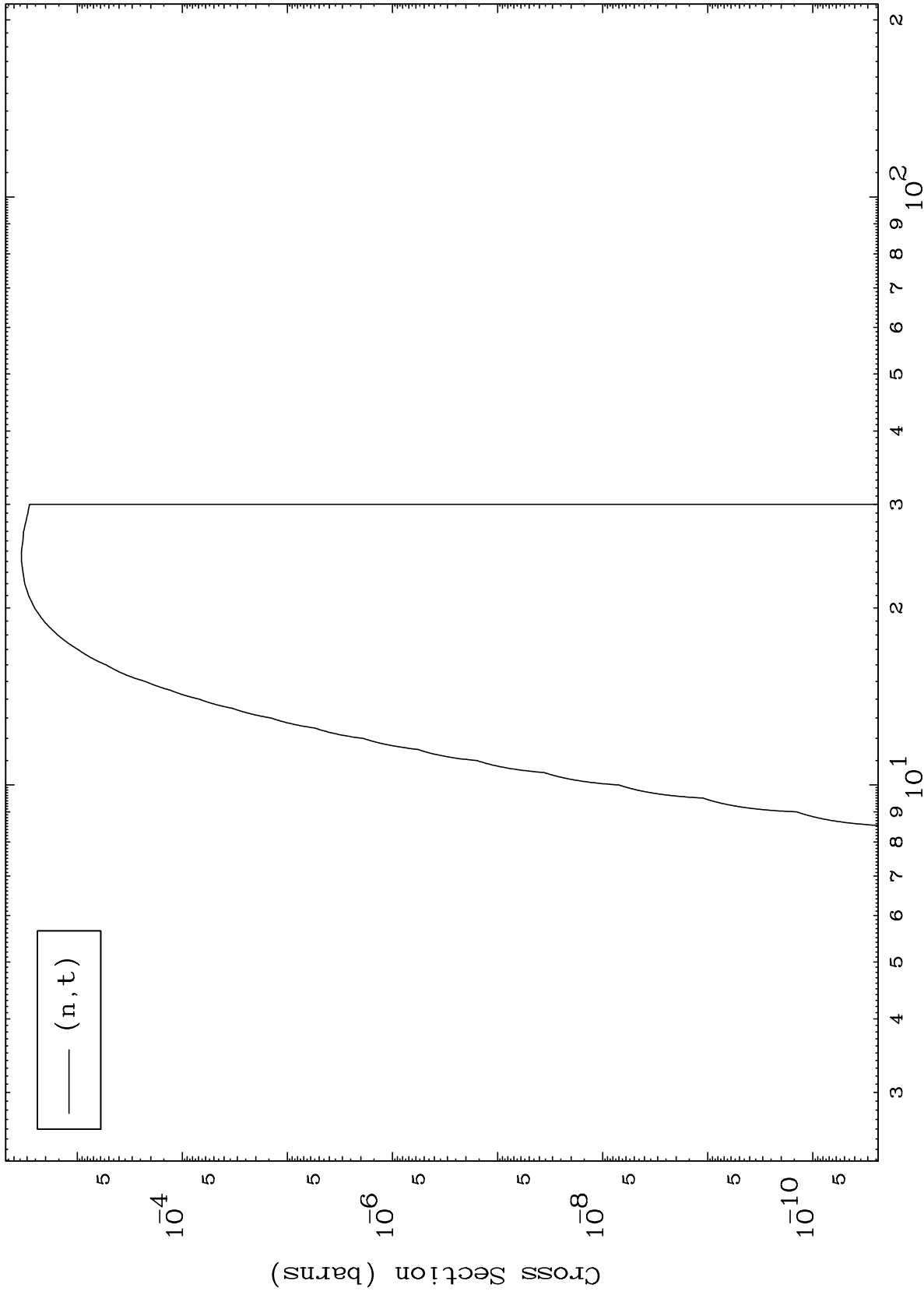
Incident Energy (MeV)

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MAT 8752

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-221



13

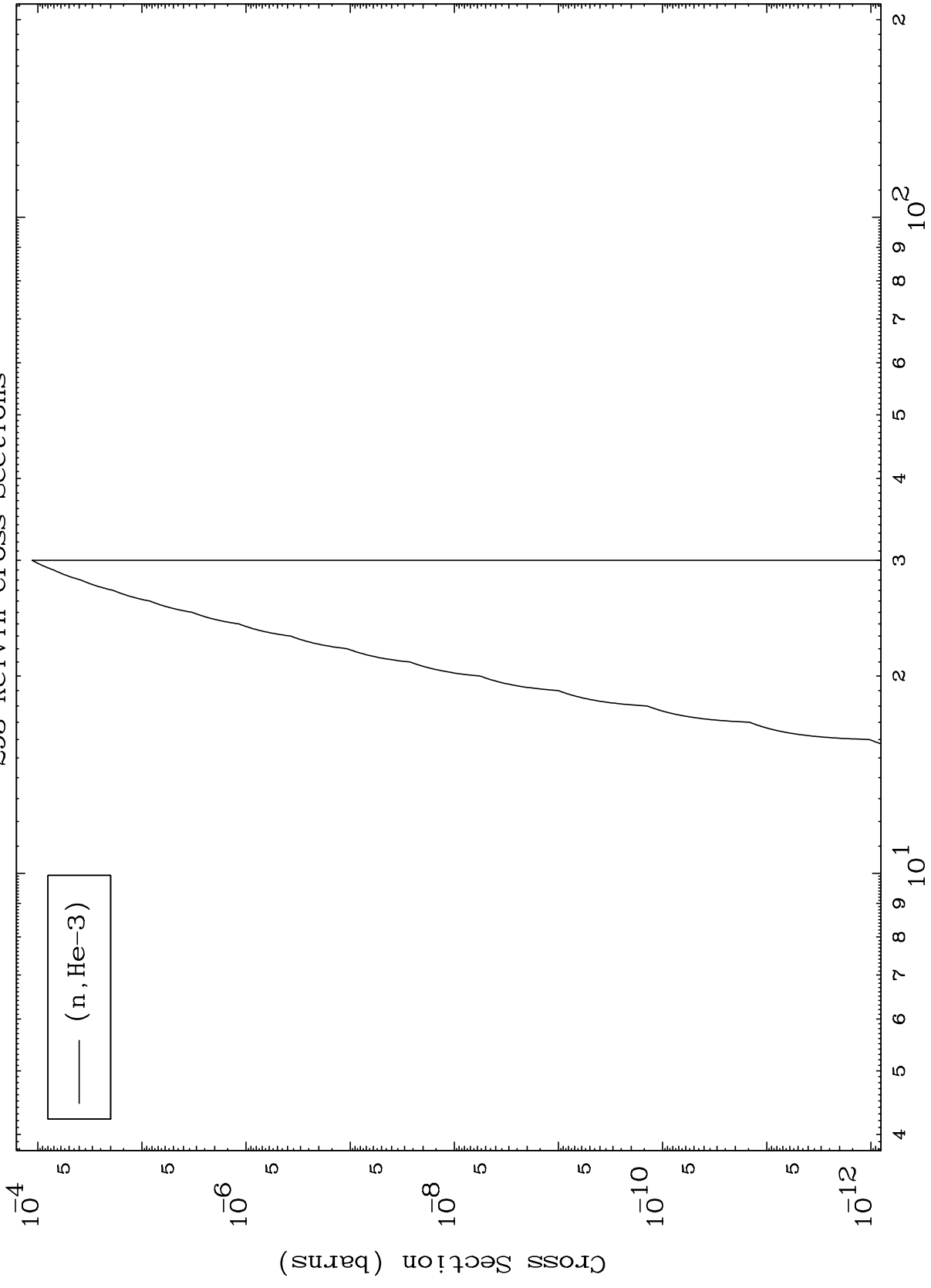
Incident Energy (MeV)

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(n,He3) Levels
293 Kelvin Cross Sections

87-Fr-221



14

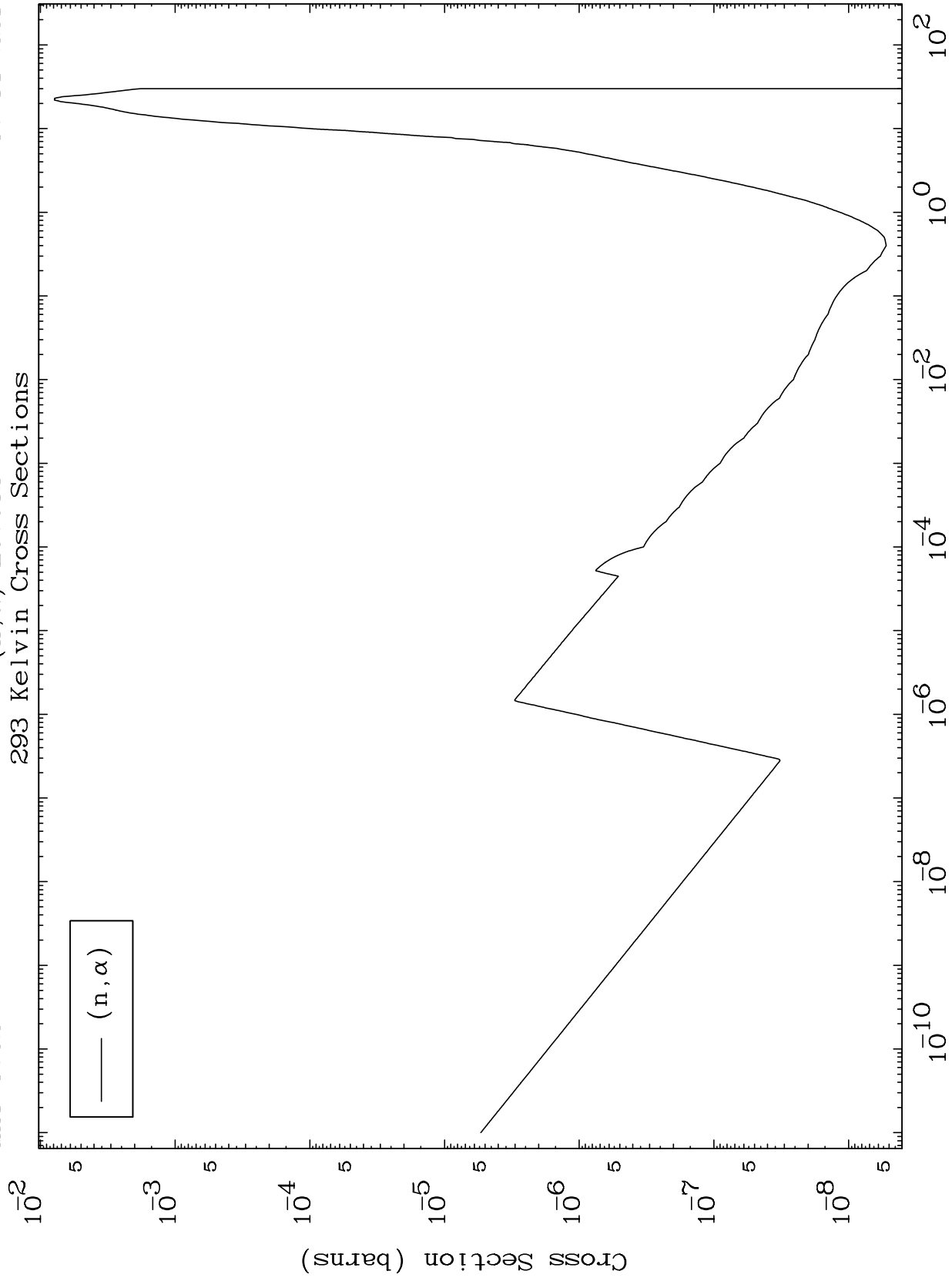
Incident Energy (MeV)

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MAT 8752

(n,α) Levels
293 Kelvin Cross Sections

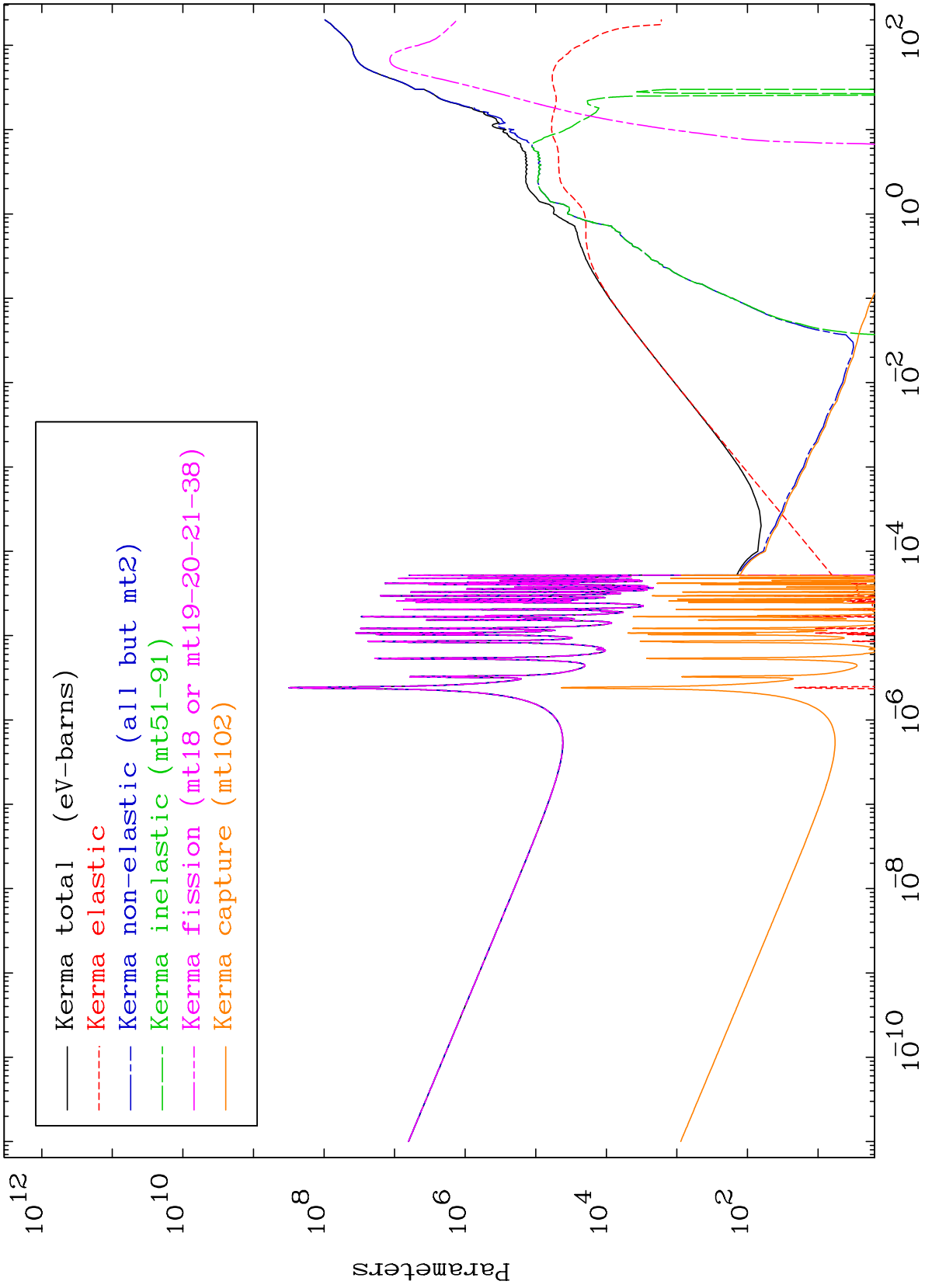
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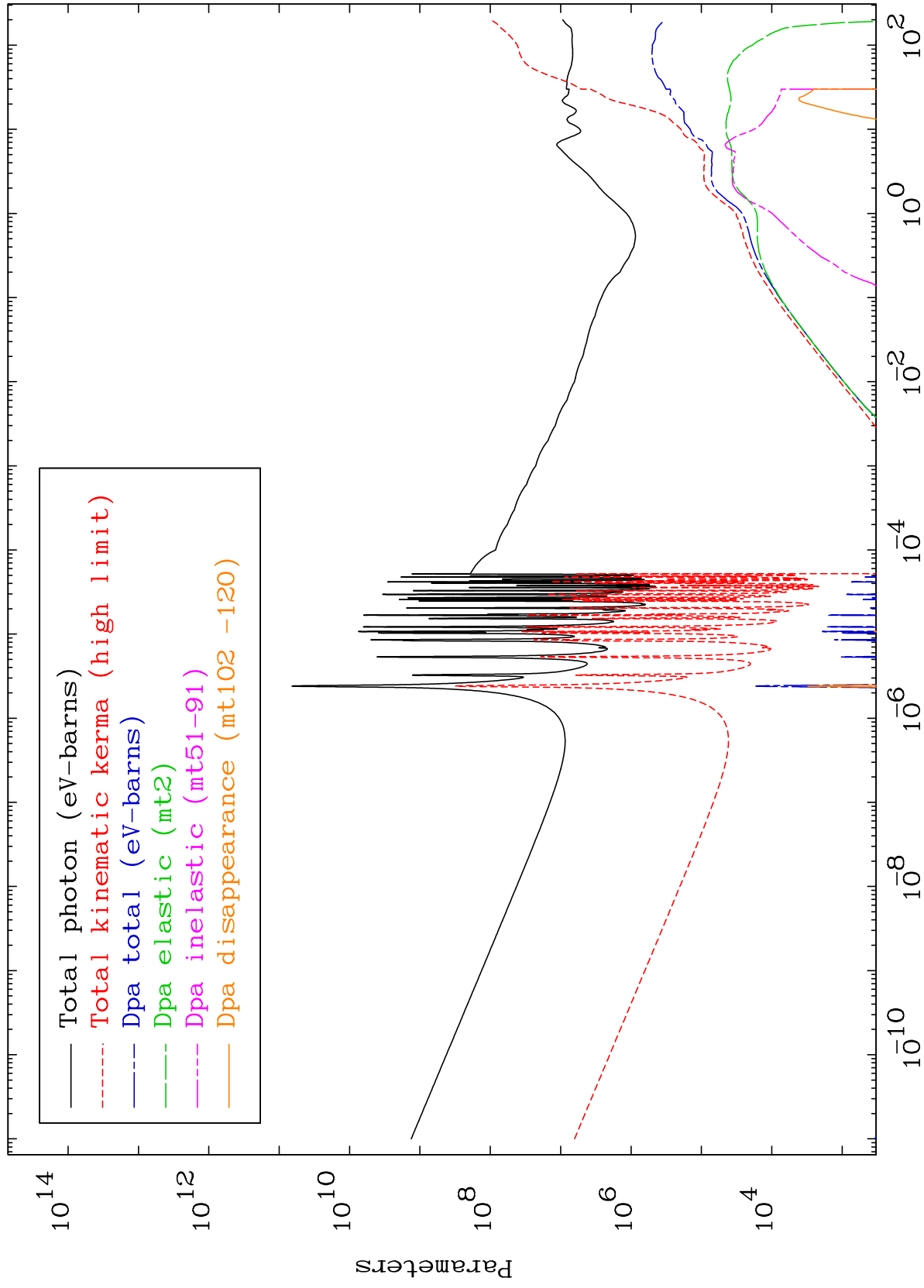


15

Incident Energy (MeV)

87-Fr-221

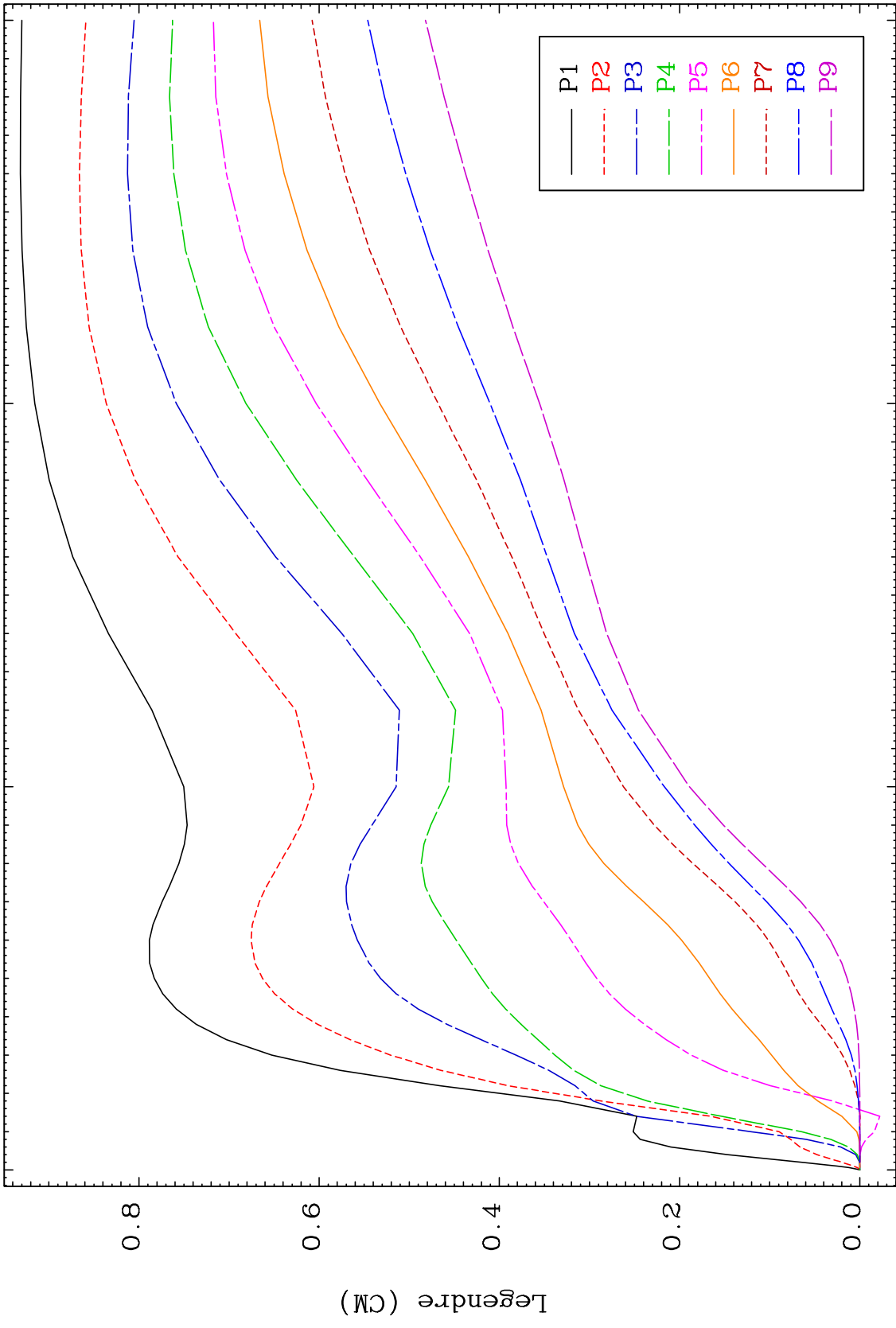




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Elastic Legendre Coefficients

87-Fr-221



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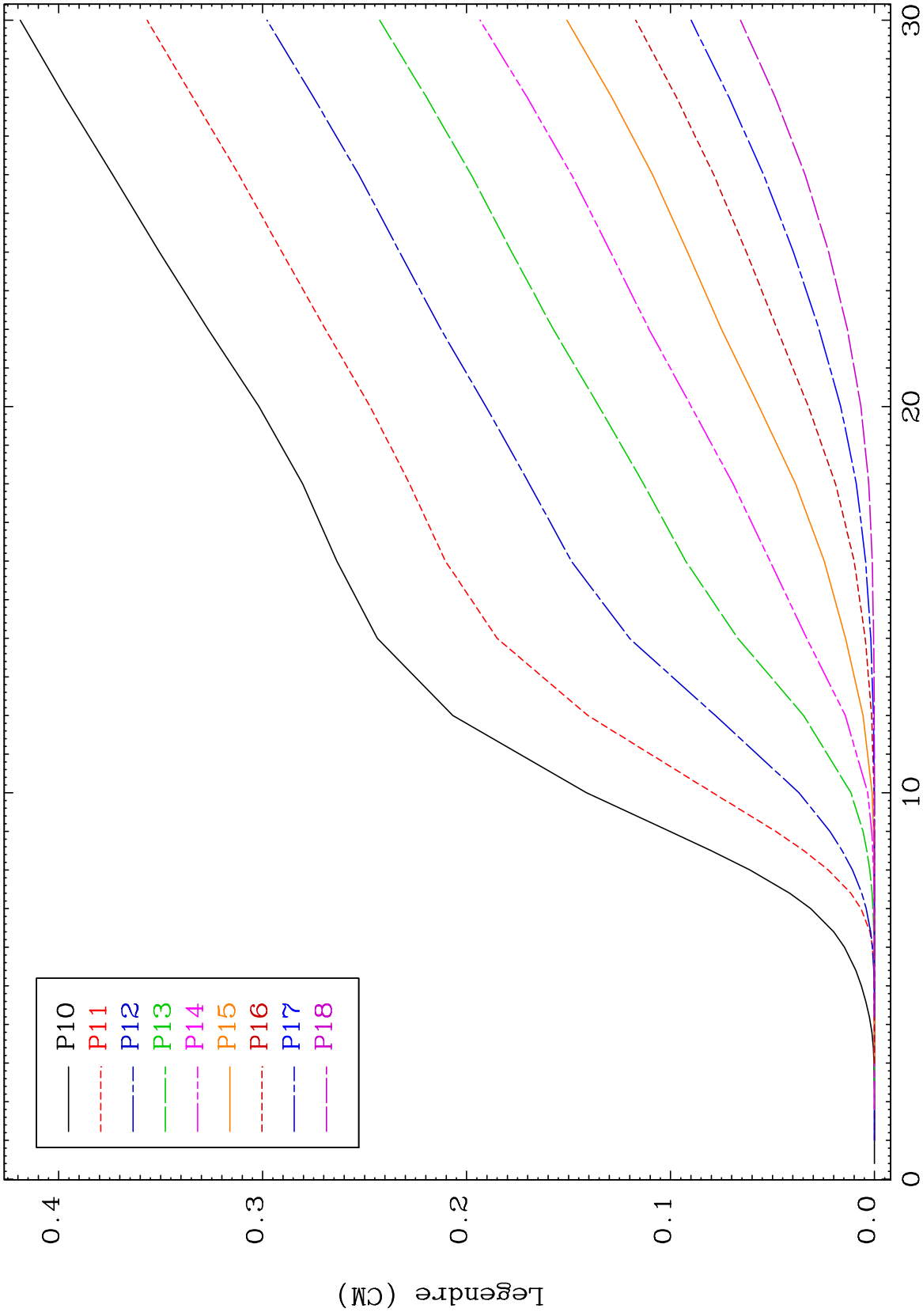
Incident Energy (MeV)

87-Fr-221

MAT 8752

Elastic Legendre Coefficients

87-Fr-221



19

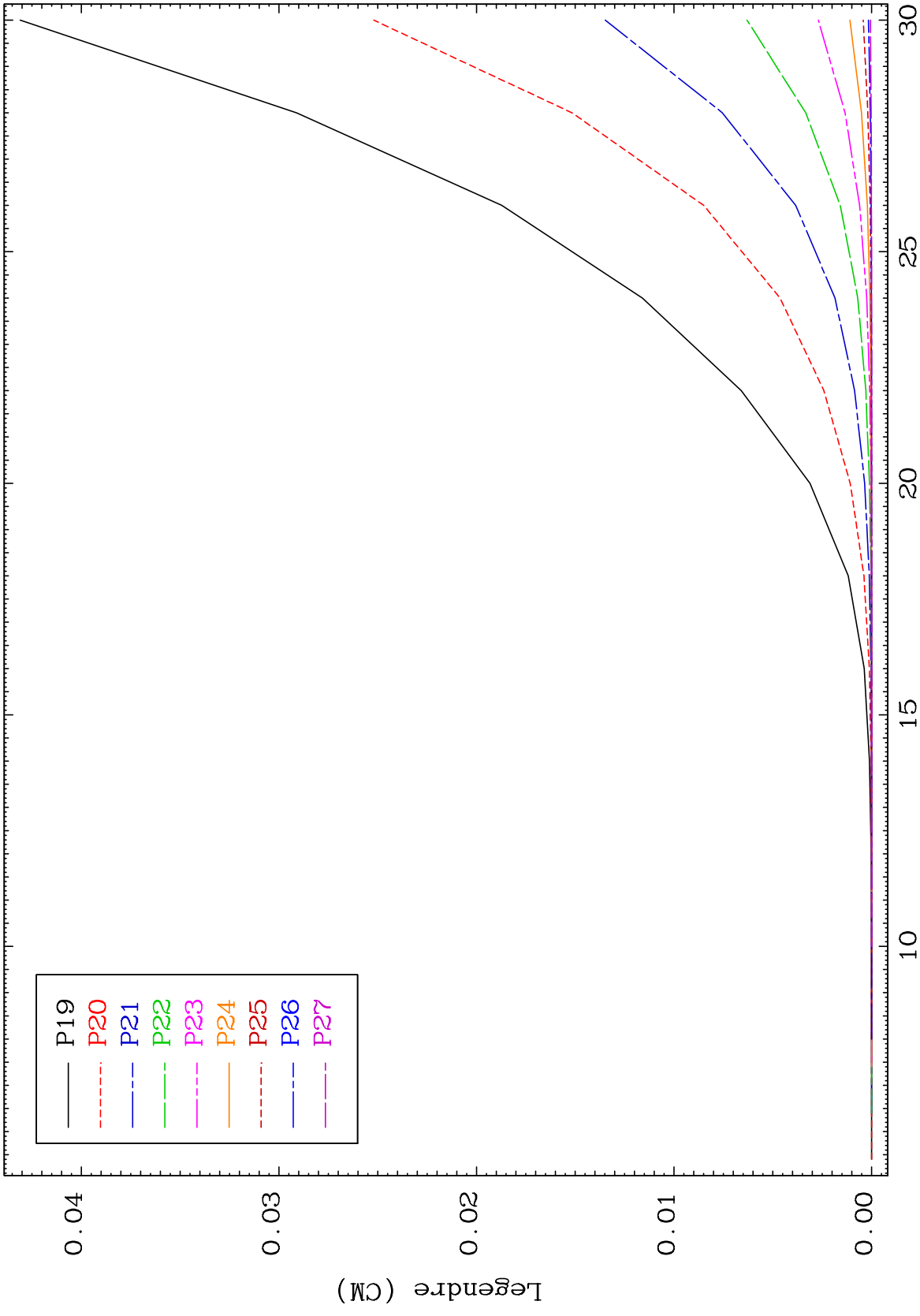
Incident Energy (MeV)

87-Fr-221

MAT 8752

Elastic Legendre Coefficients

87-Fr-221



20

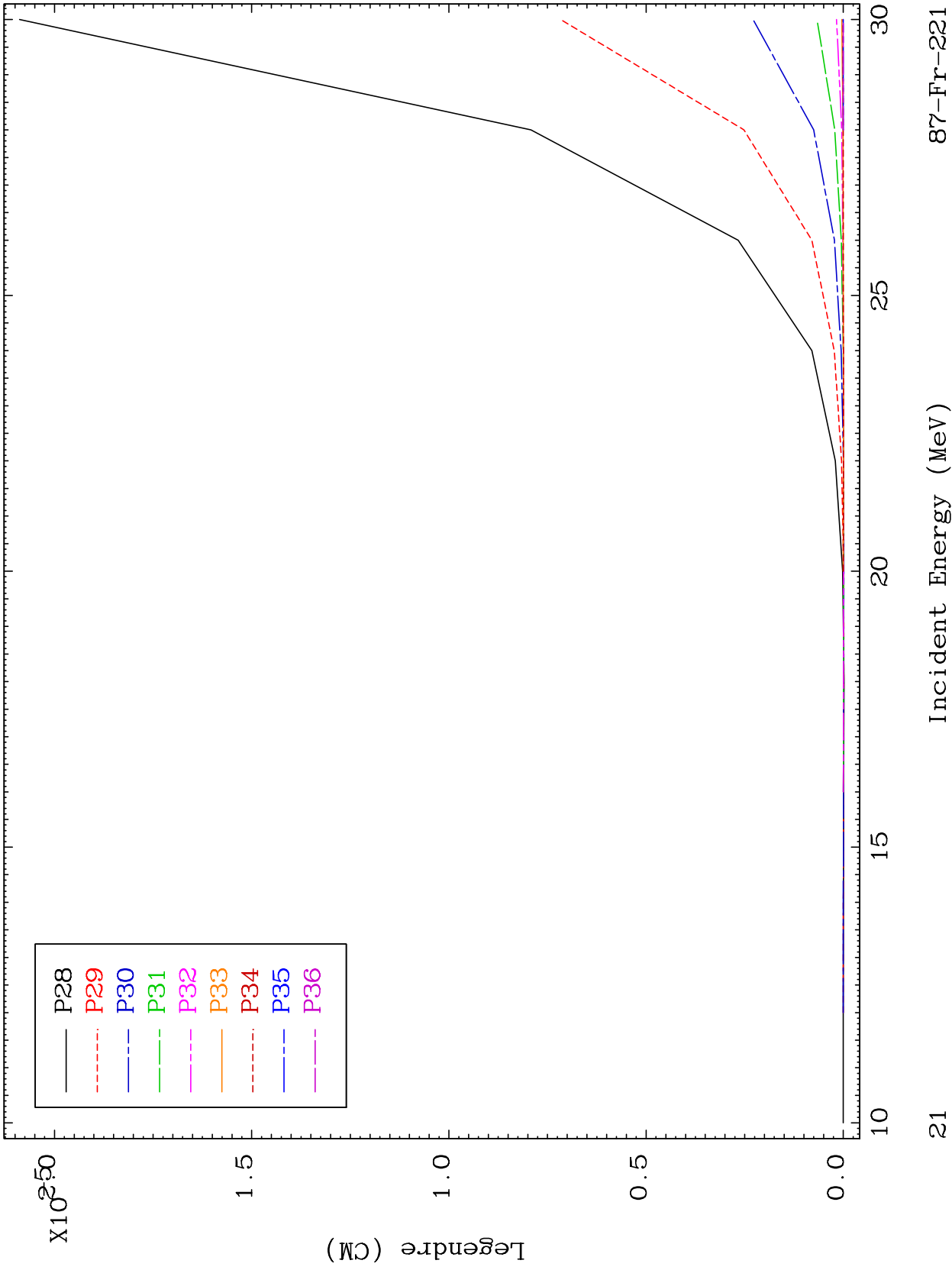
Incident Energy (MeV)

87-Fr-221

MAT 8752

Elastic Legendre Coefficients

87-Fr-221



21

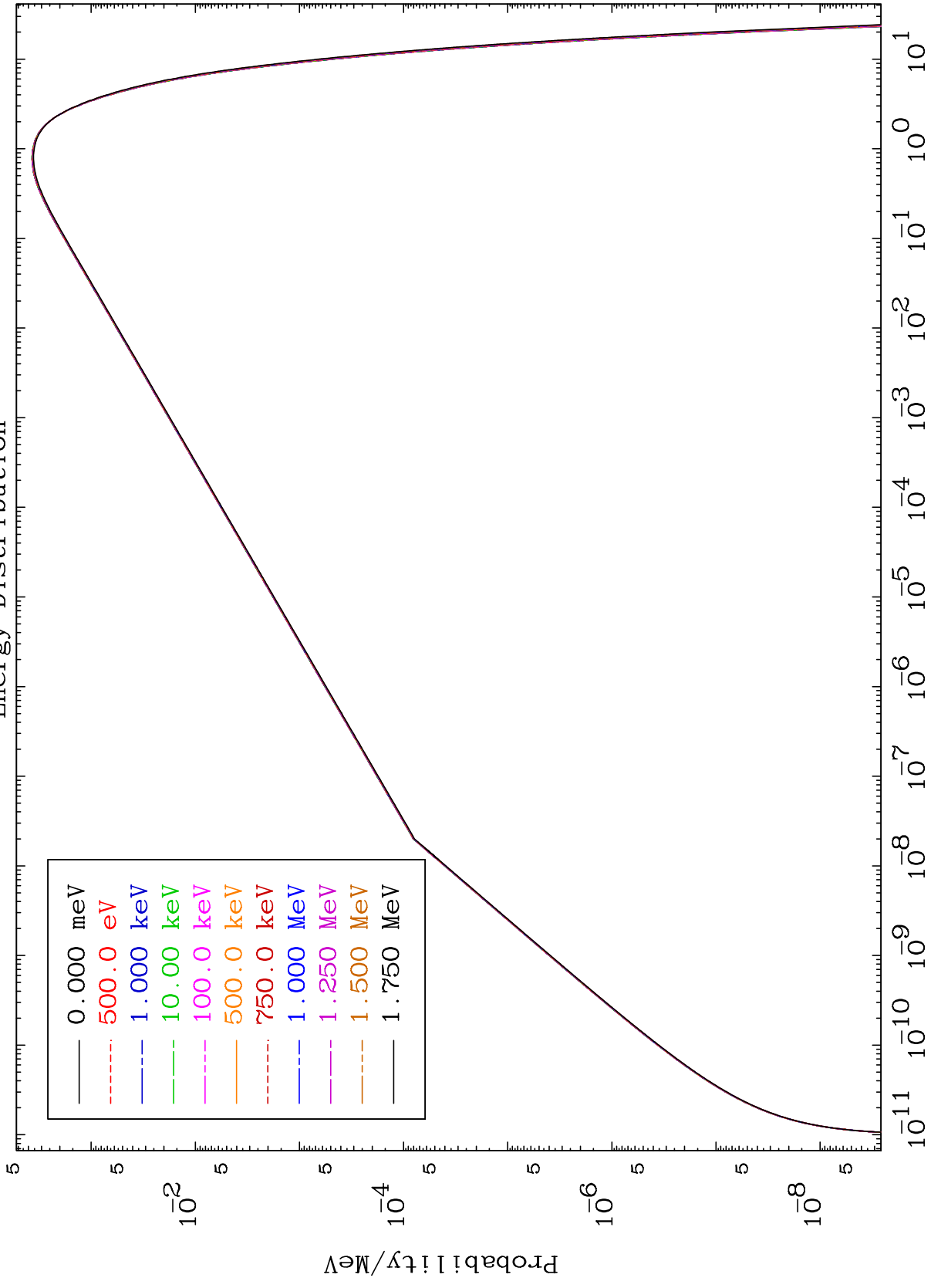
Incident Energy (MeV)

87-Fr-221

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Fission Energy Distribution

⁸⁷Fr-221

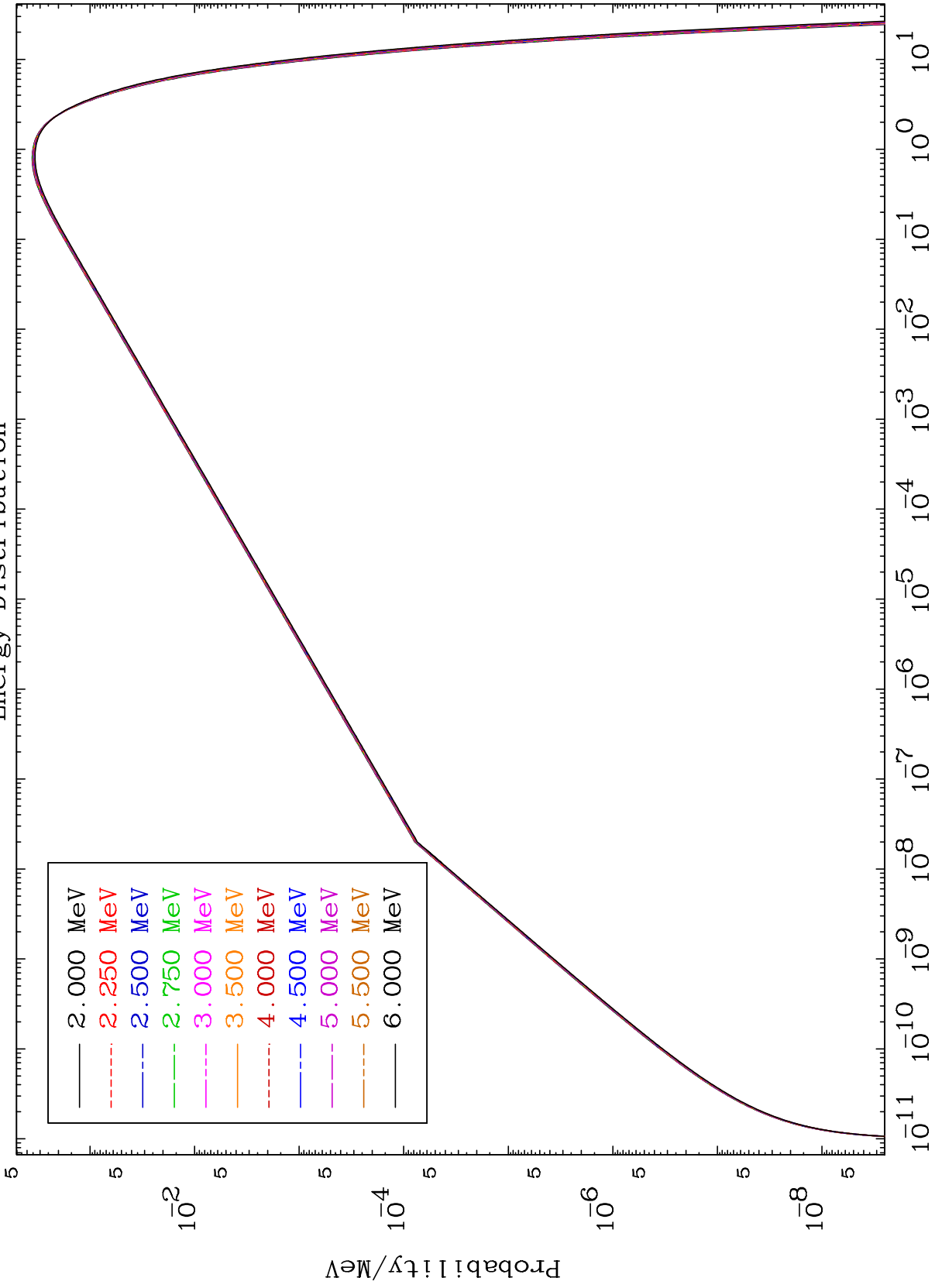


⁸⁷Fr-221

MAT 8752

Fission Energy Distribution

87-Fr-221

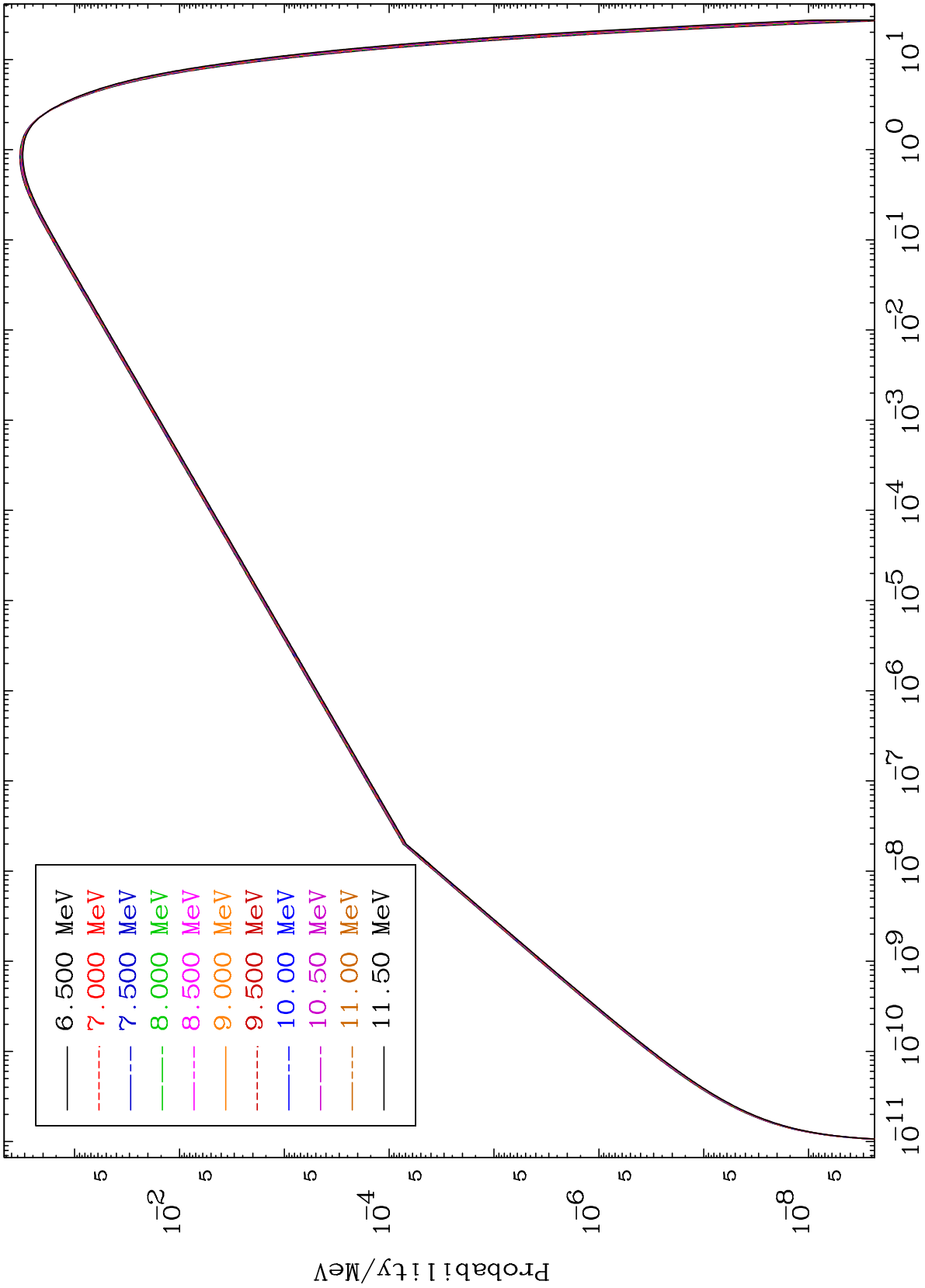


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Fission Energy Distribution

87-Fr-221



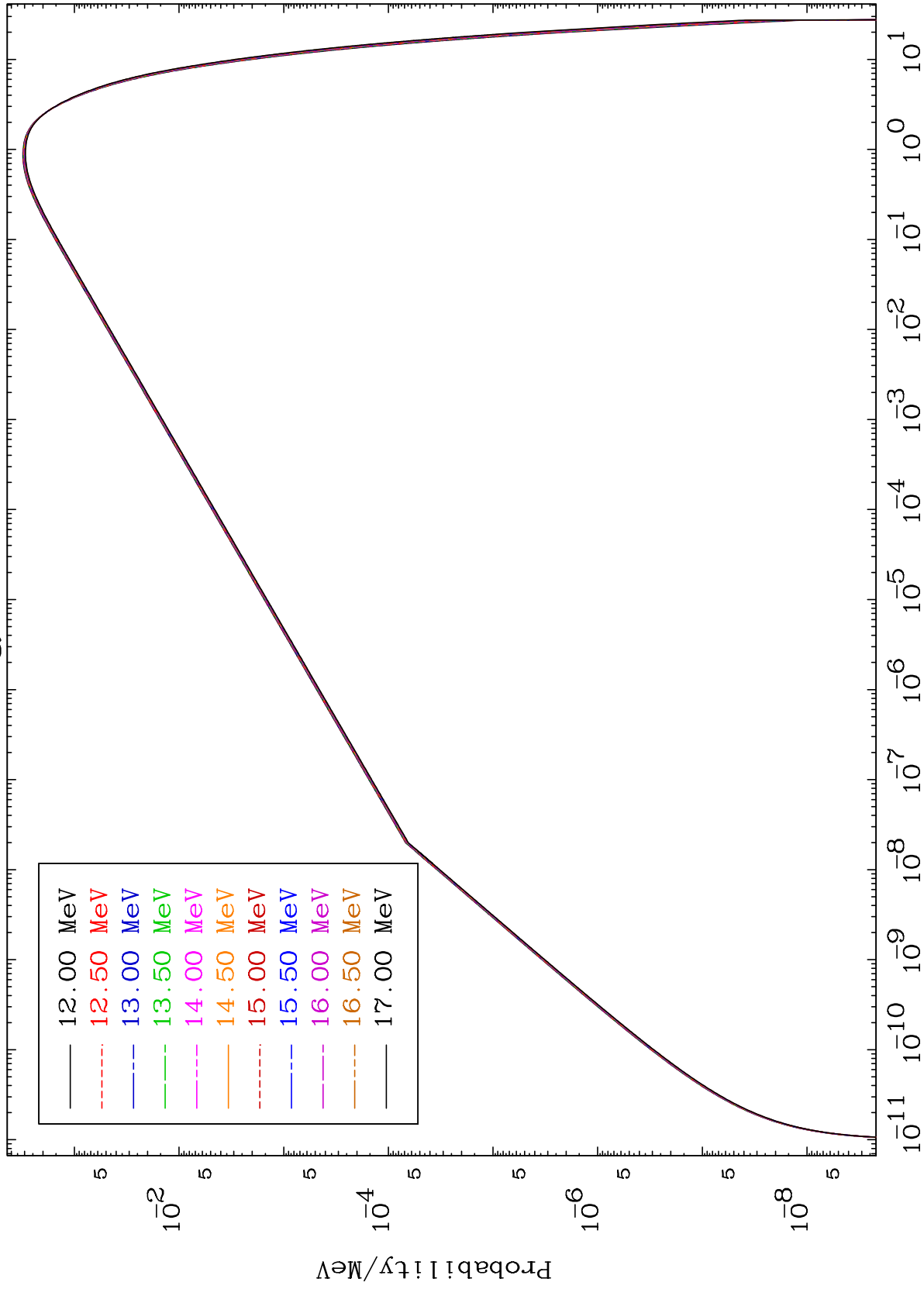
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Secondary Energy (MeV)

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Fission
Energy Distribution

87-Fr-221

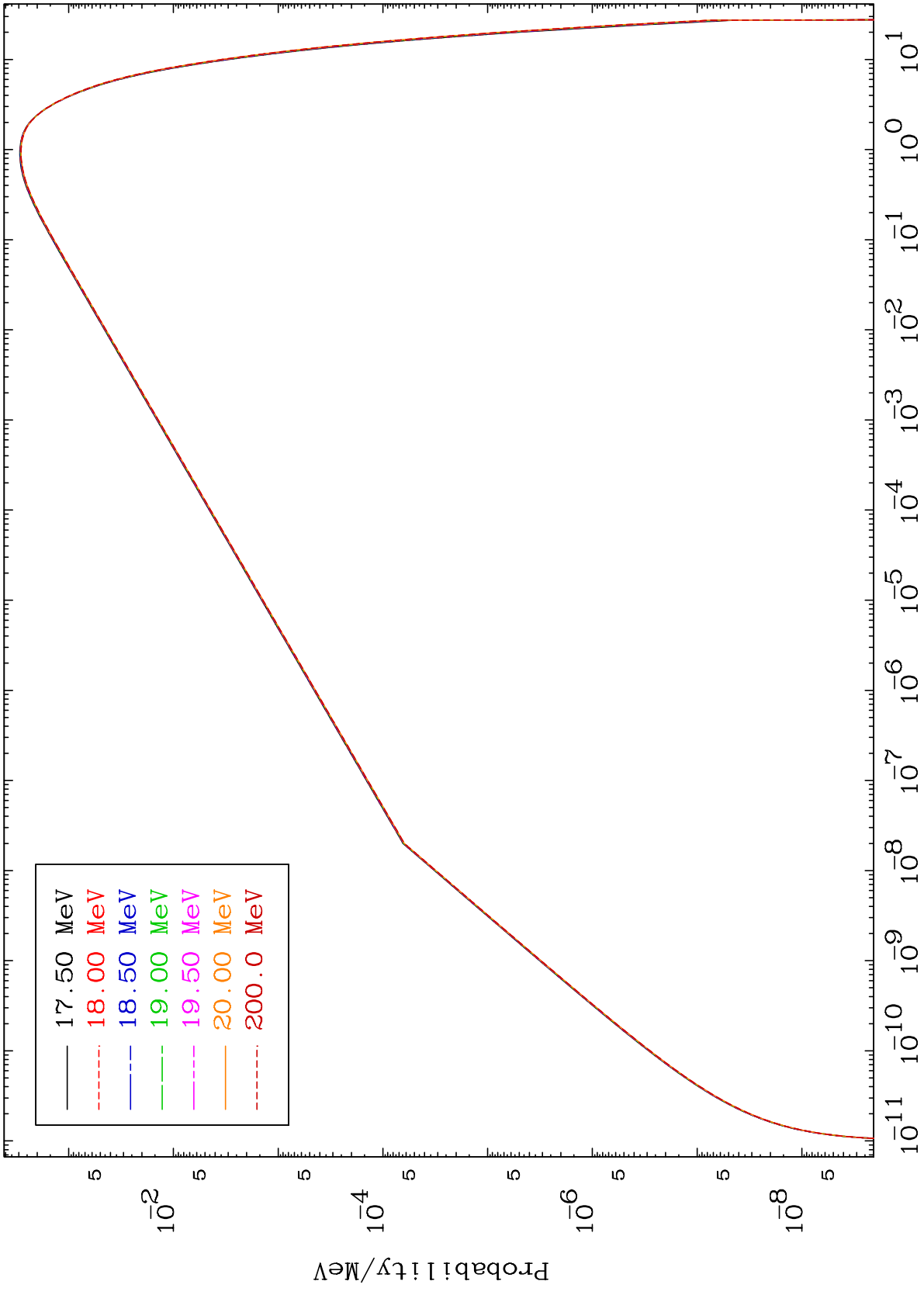


87-Fr-221

MAT 8752

Fission Energy Distribution

⁸⁷Fr-221



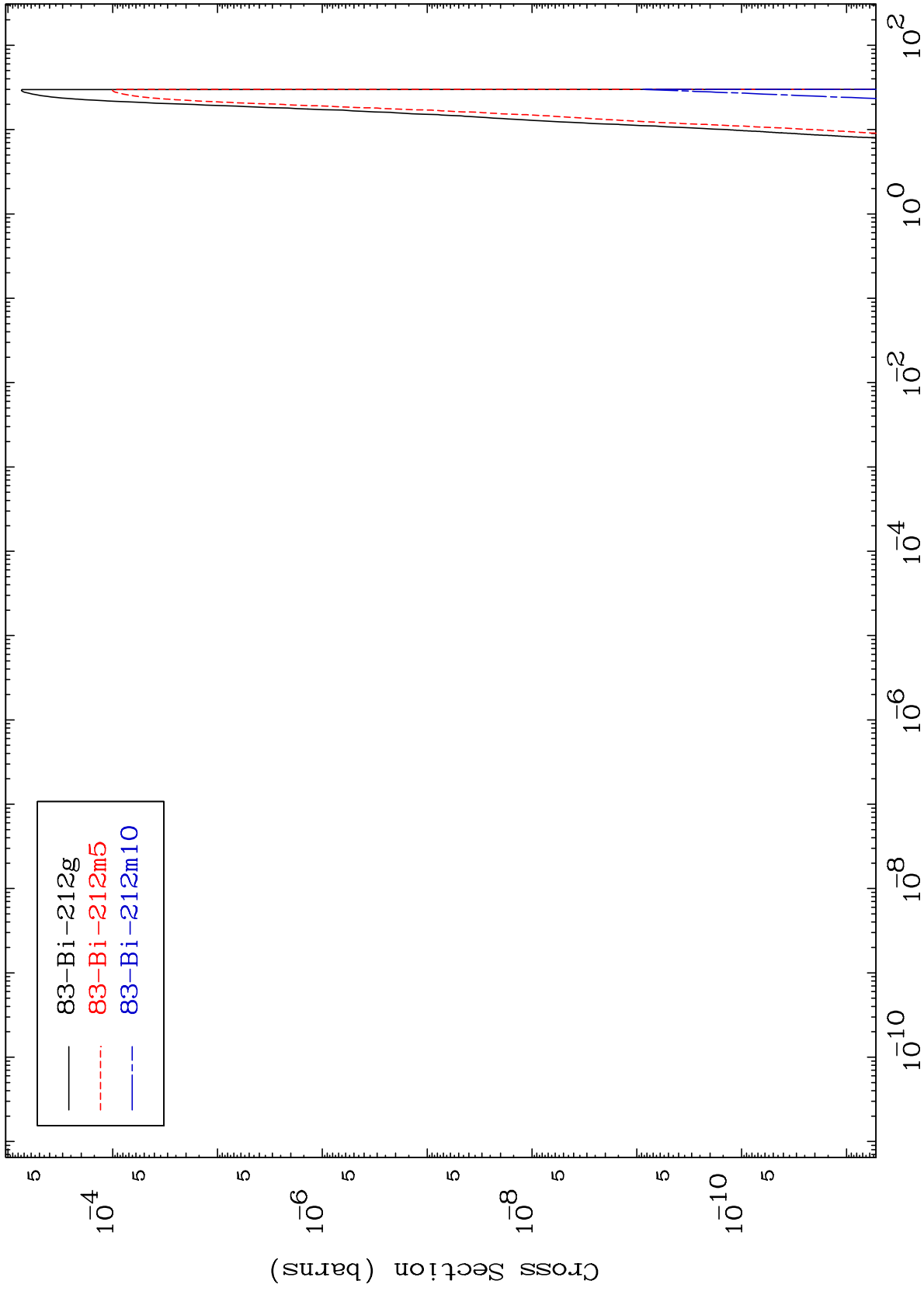
⁸⁷Fr-221

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(n,2n) 2 α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

87-Fr-221