

Program EVALPLOT
(Version 2021-1)

by

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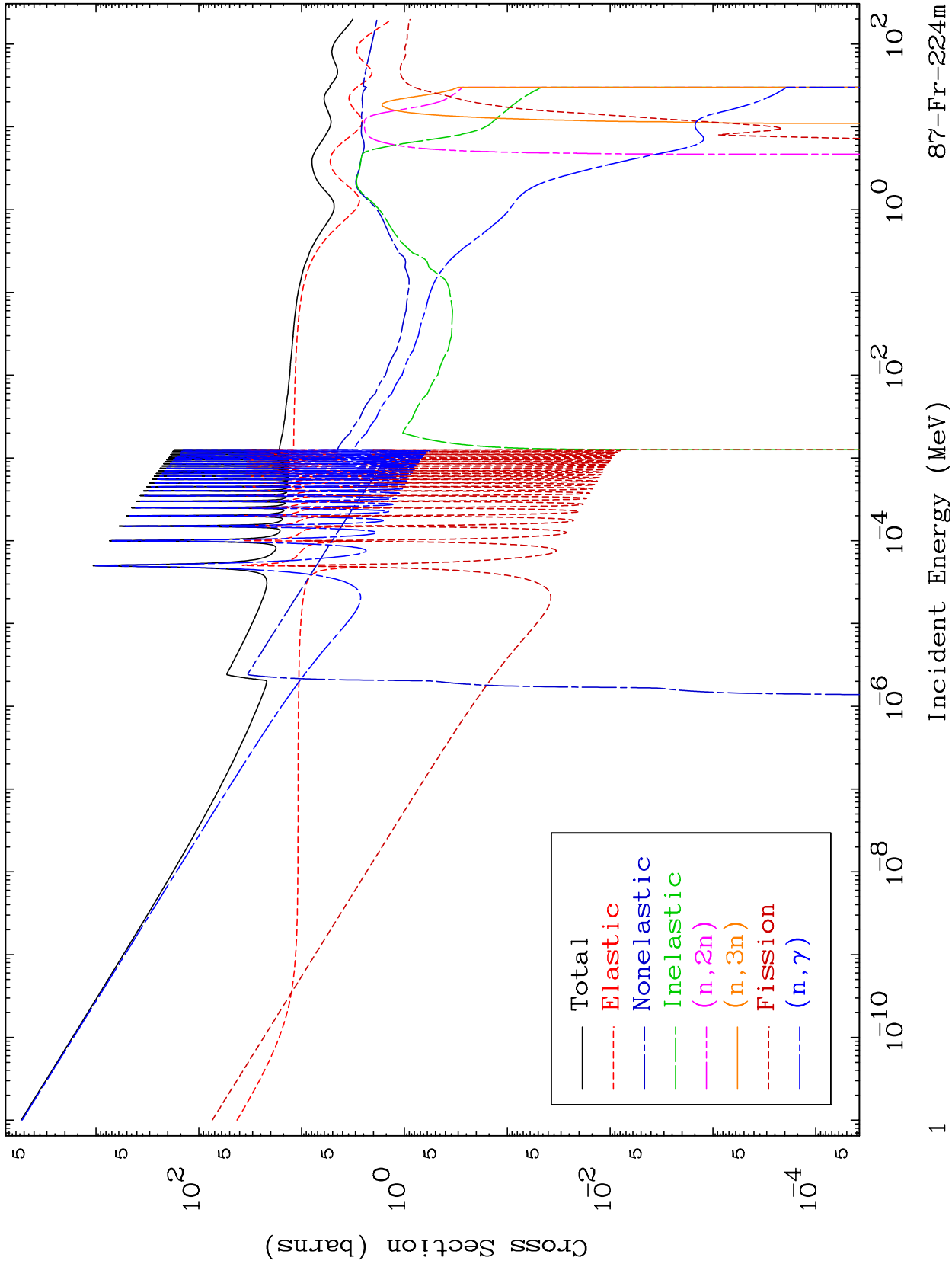
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8762

Neutron Major
293 Kelvin Cross Sections

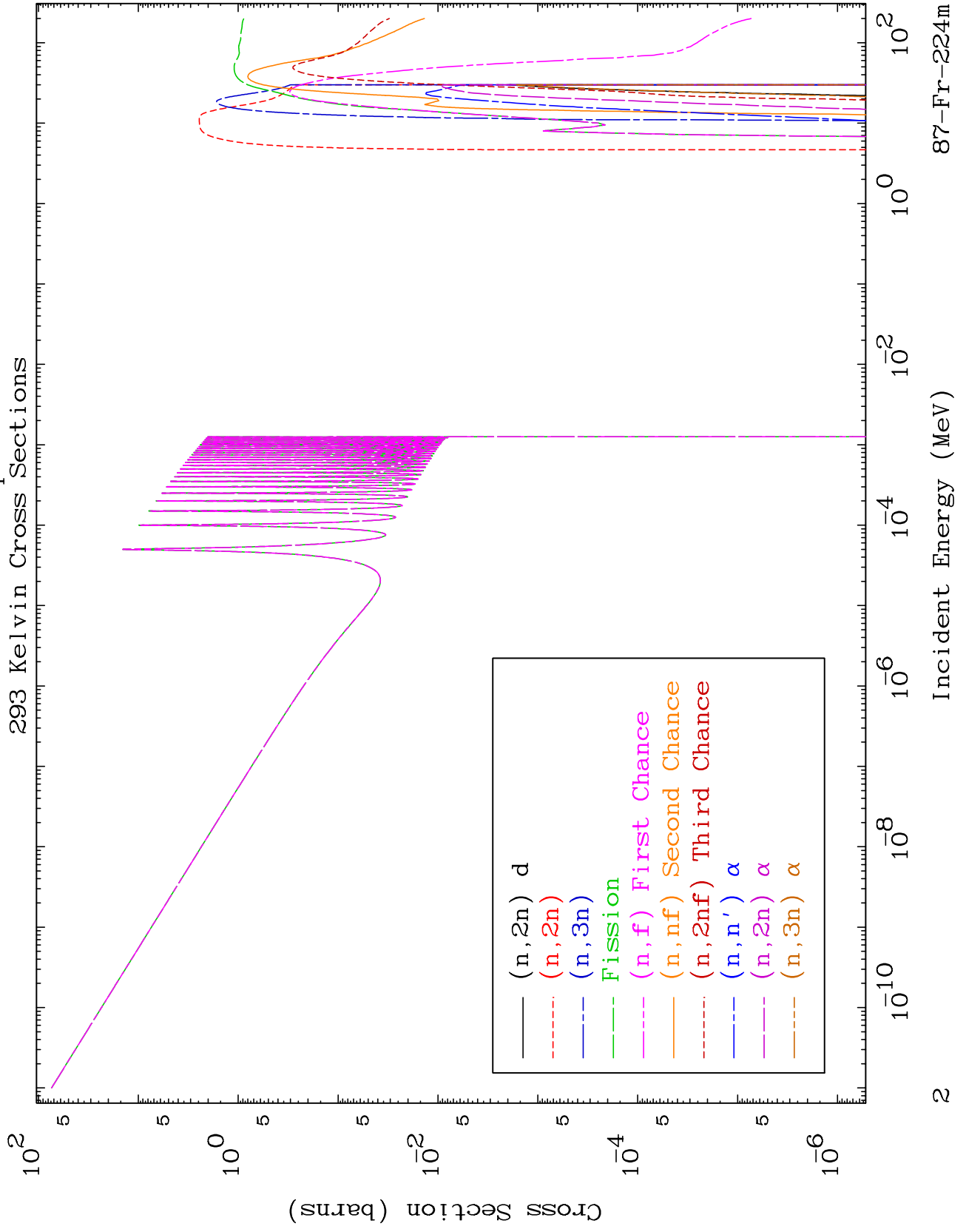
87-Fr-224m



MAT 8762

Neutron Absorption
293 Kelvin Cross Sections

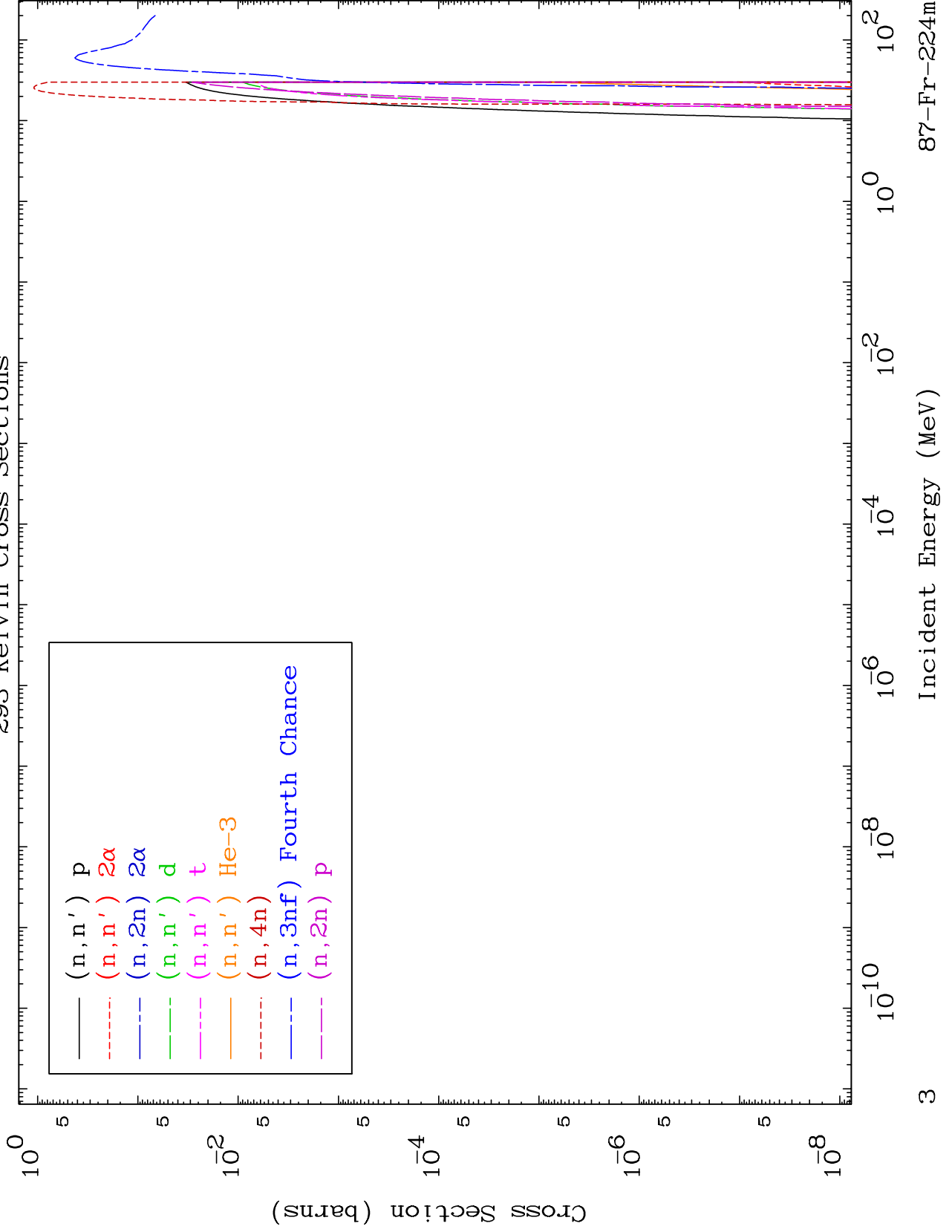
87-Fr-224m



MAT 8762

Neutron Absorption
293 Kelvin Cross Sections

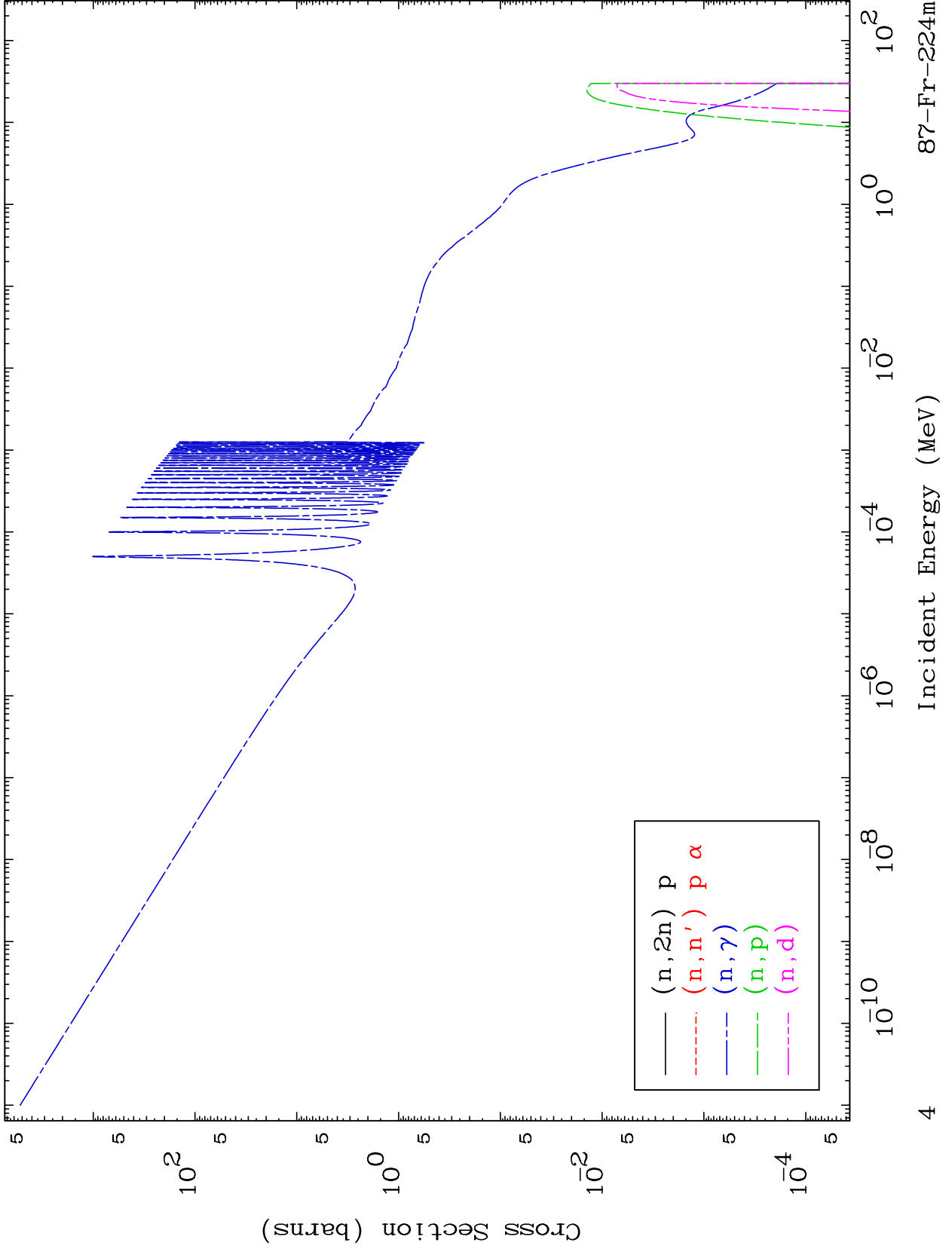
87-Fr-224m



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Neutron Absorption
293 Kelvin Cross Sections

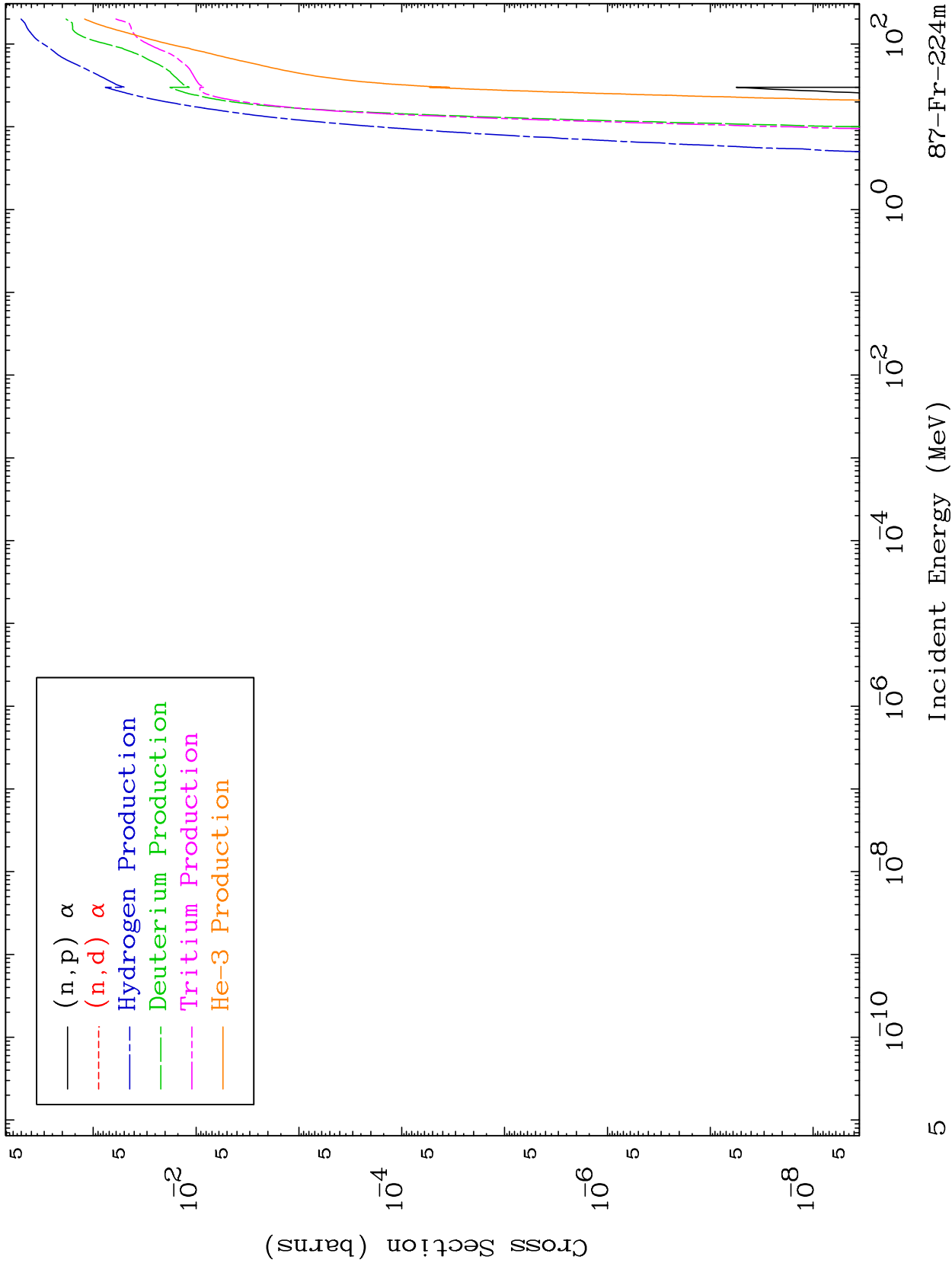
87-Fr-224m



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Neutron Absorption
293 Kelvin Cross Sections

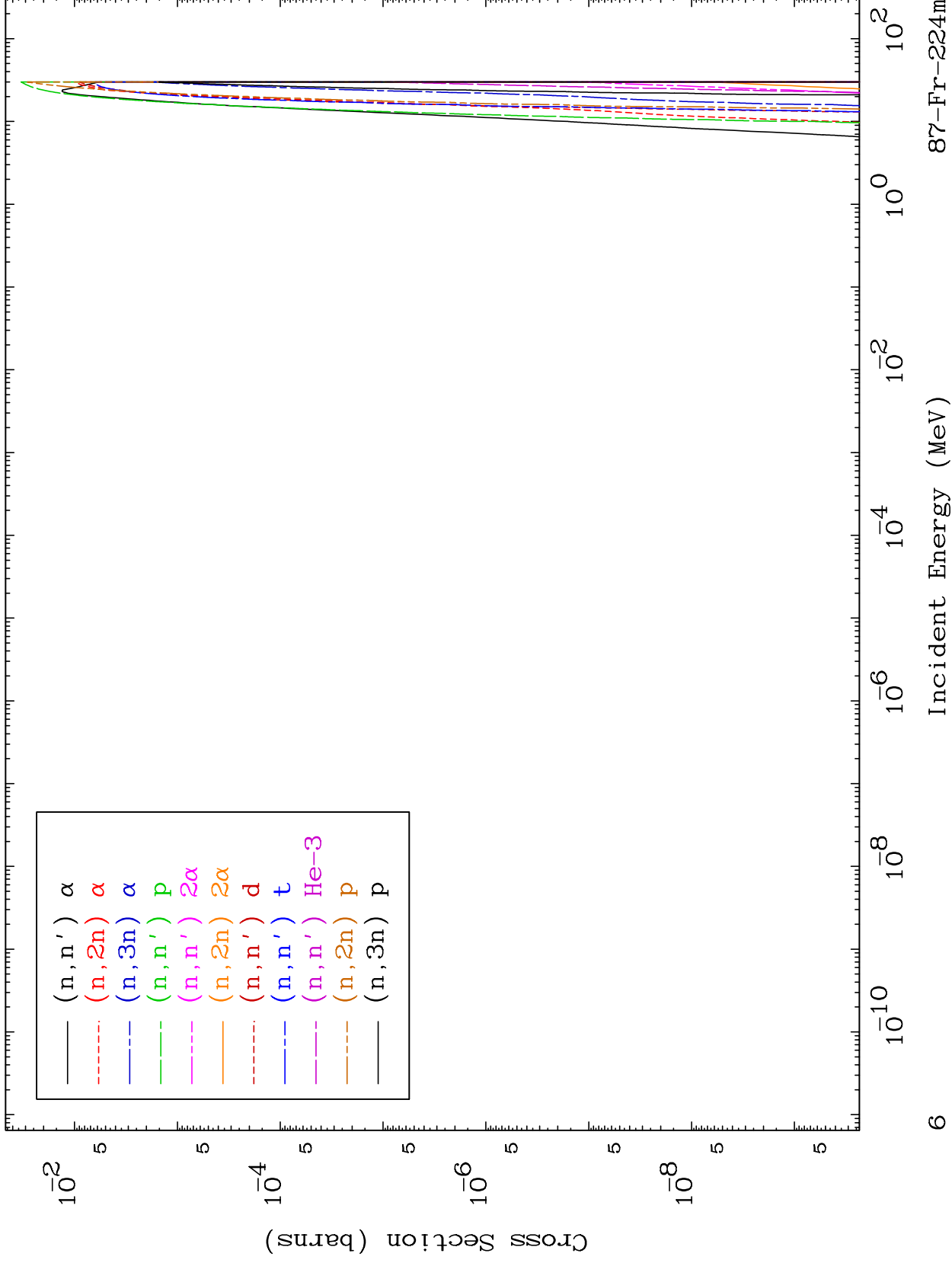
87-Fr-224m



MAT 8762

Charged Particle
293 Kelvin Cross Sections

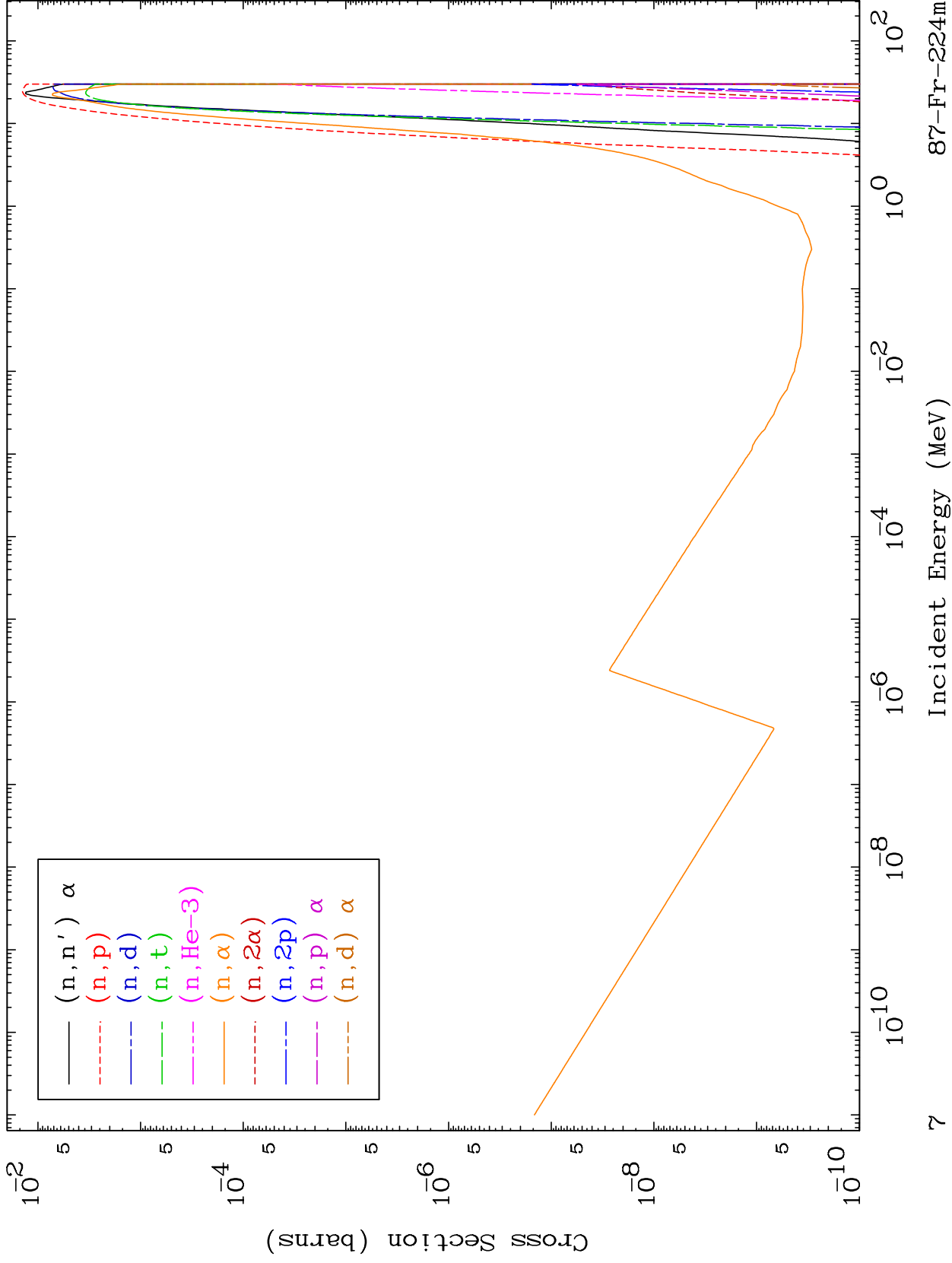
87-Fr-224m



MAT 8762

Charged Particle
293 Kelvin Cross Sections

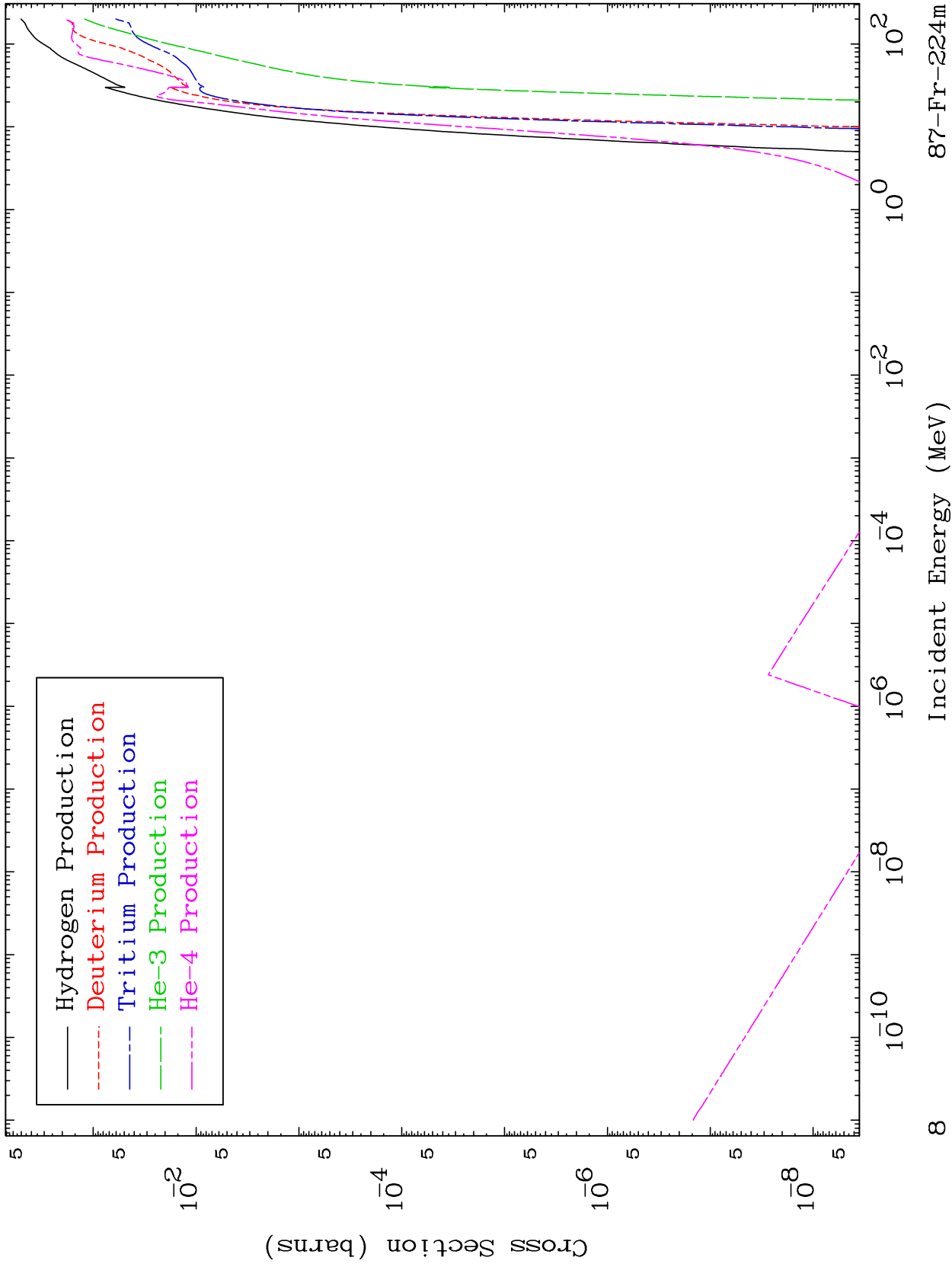
87-Fr-224m



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Particle Production
293 Kelvin Cross Sections

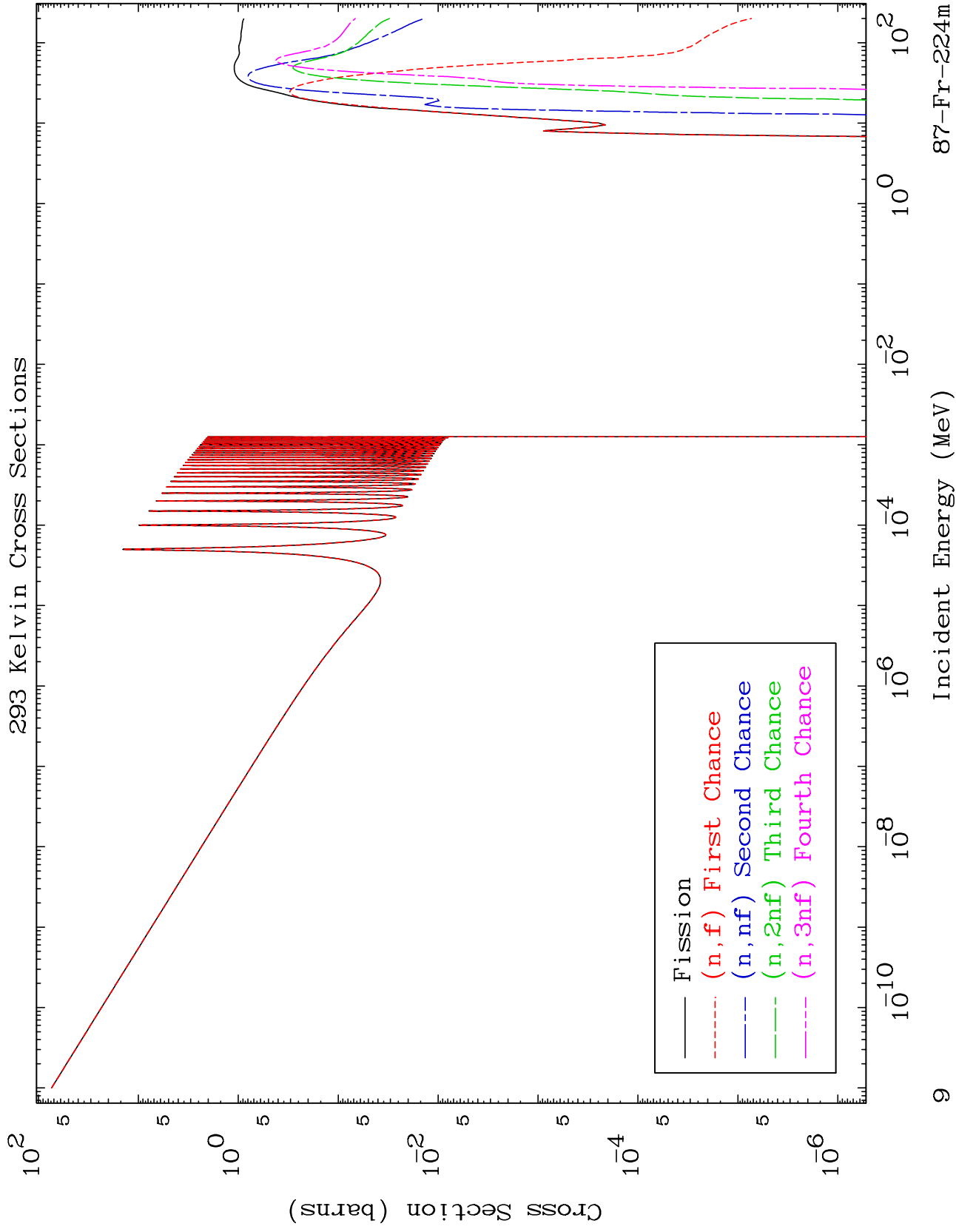
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Fission
293 Kelvin Cross Sections

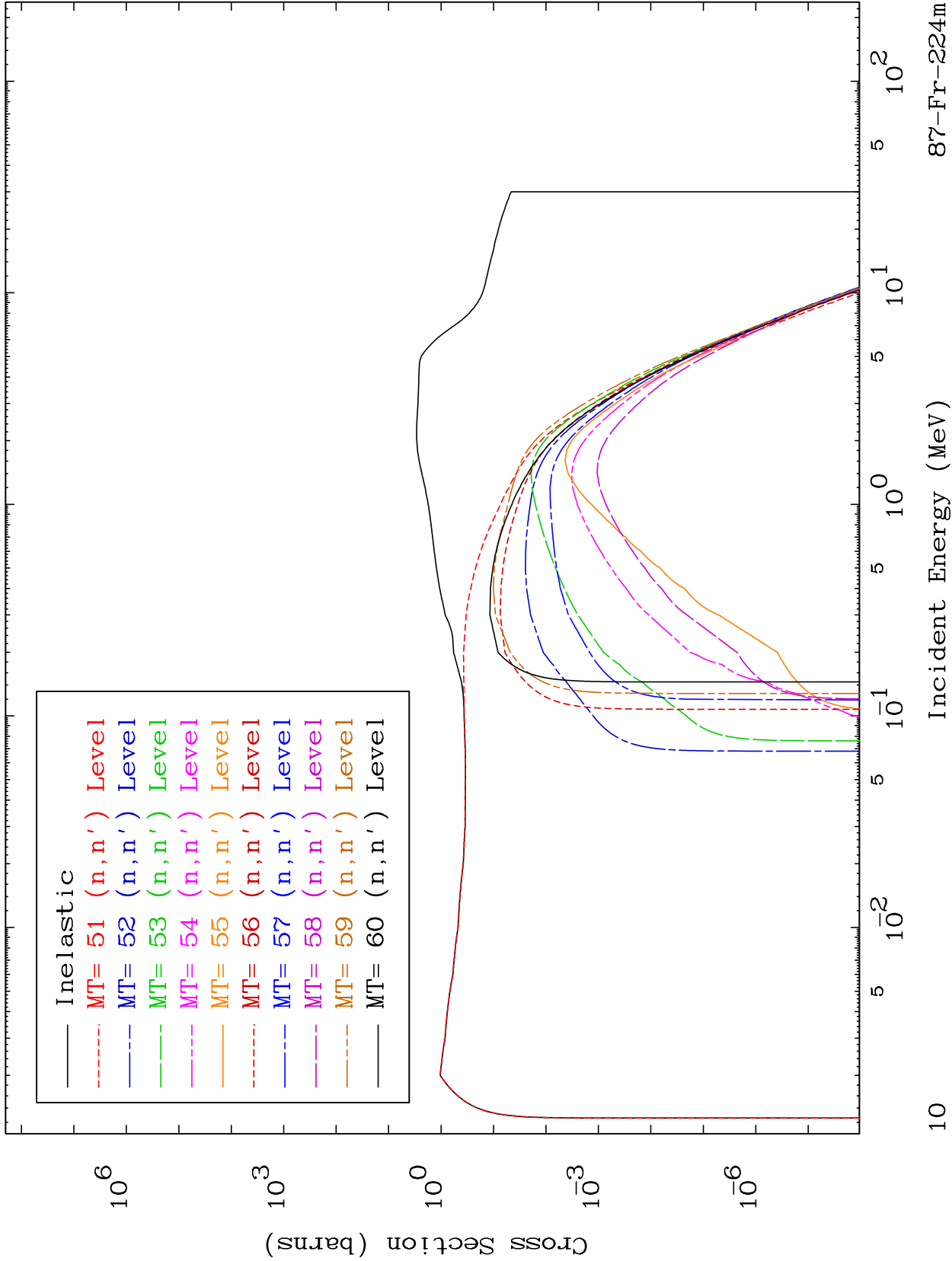
87-Fr-224m



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(n,n') Levels
293 Kelvin Cross Sections

87-Fr-224m



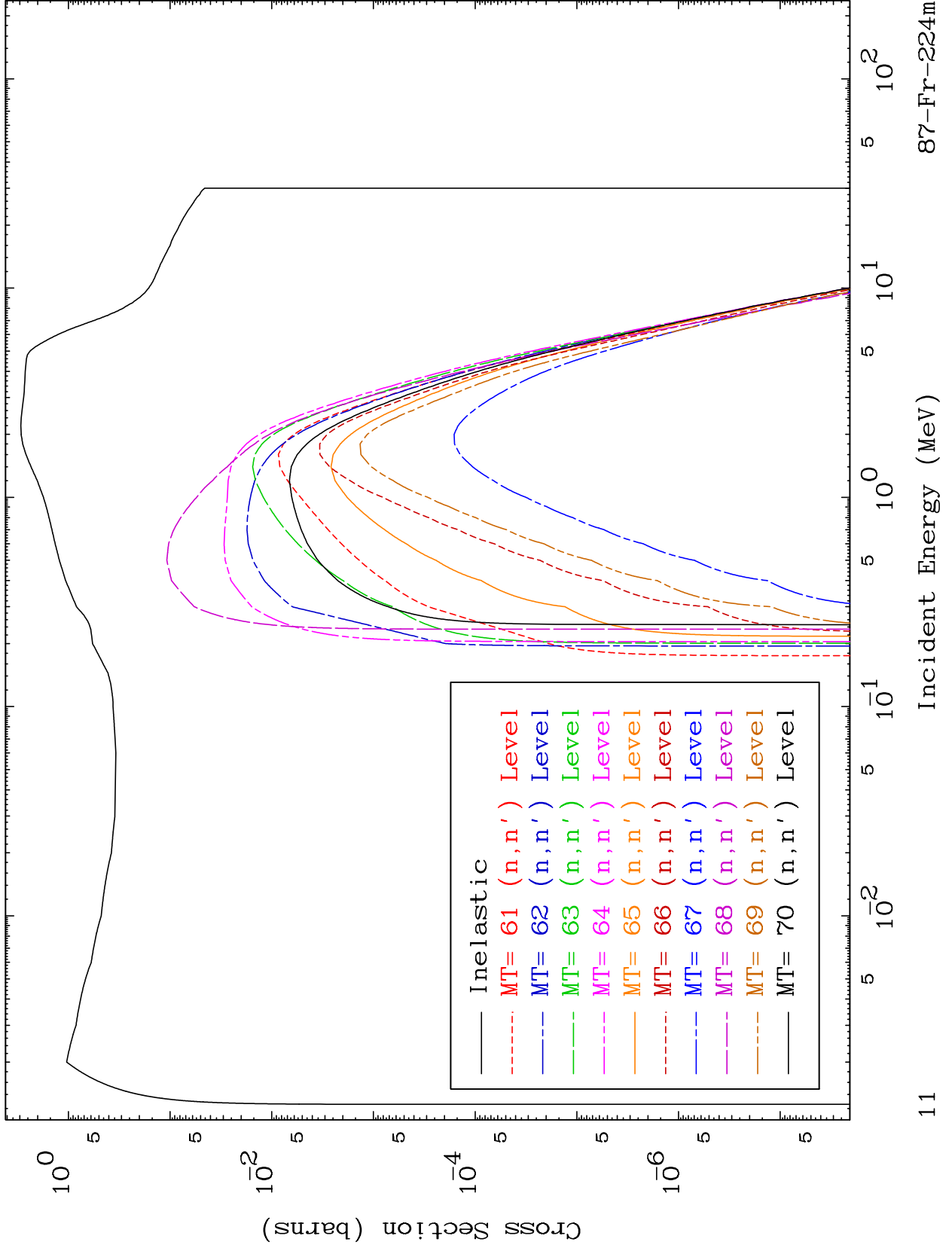
10

87-Fr-224m

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(n,n') Levels
293 Kelvin Cross Sections

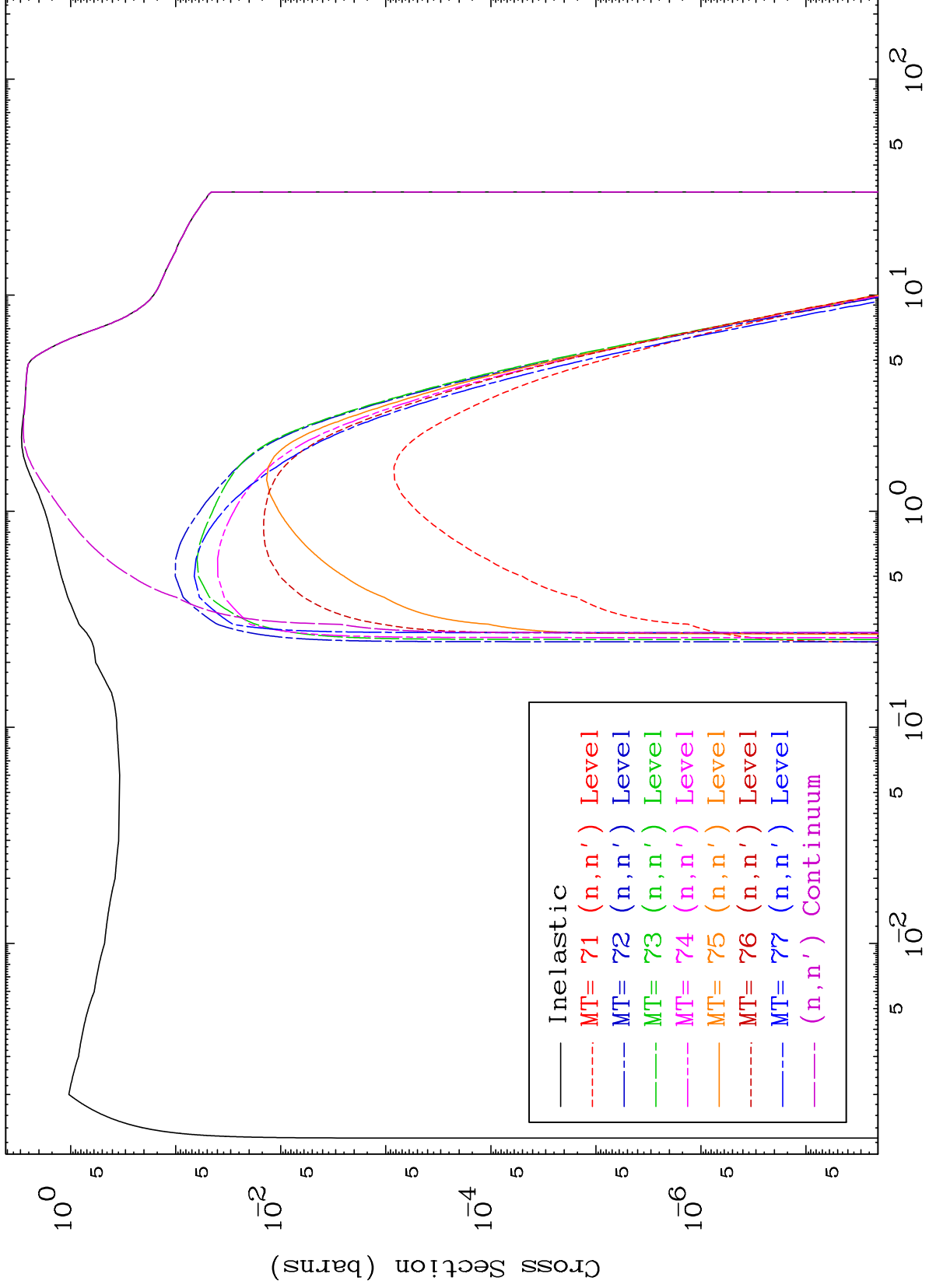
87-Fr-224m



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(n,n') Levels
293 Kelvin Cross Sections

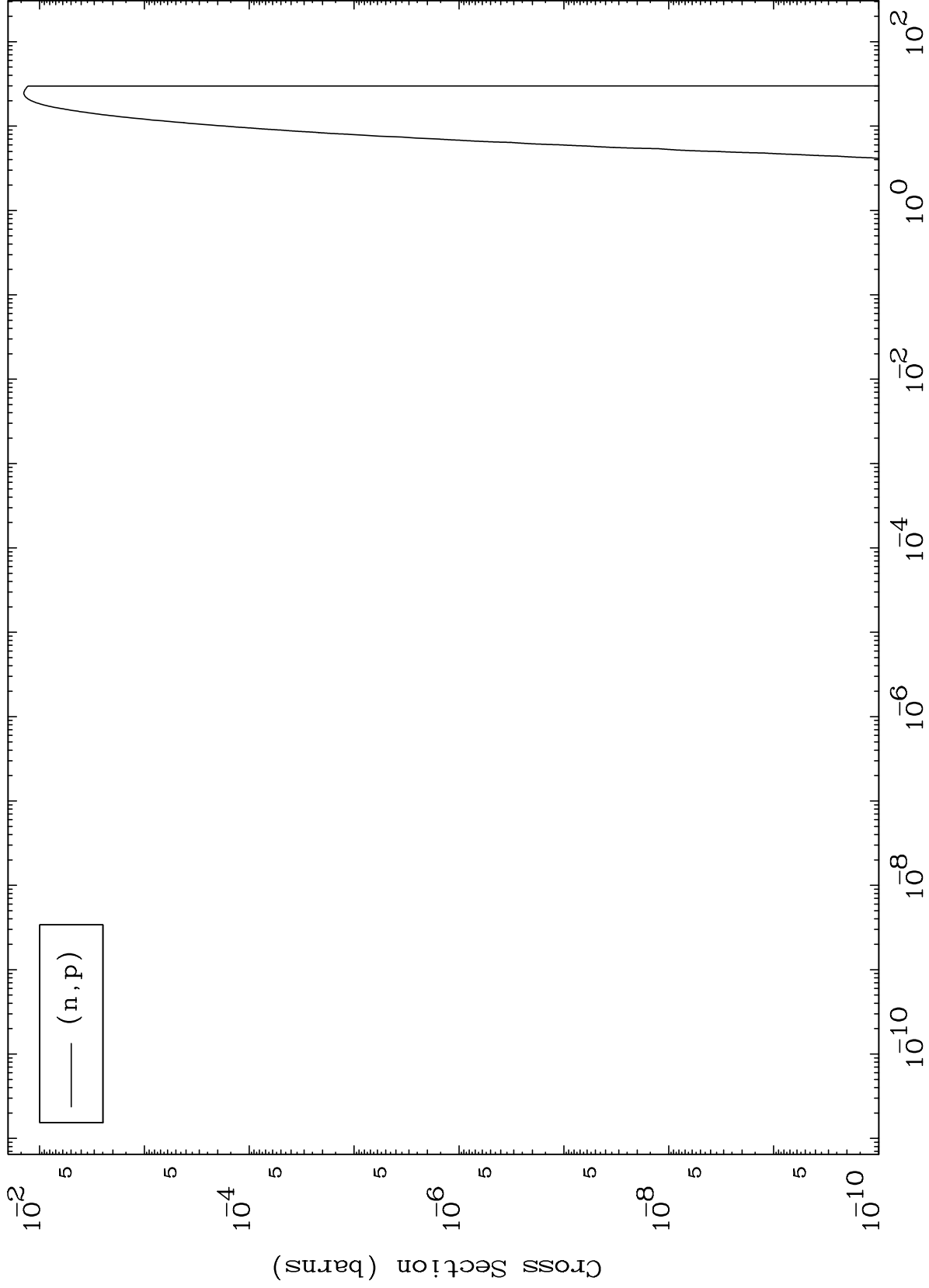
87-Fr-224m



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(n,p) Levels
293 Kelvin Cross Sections

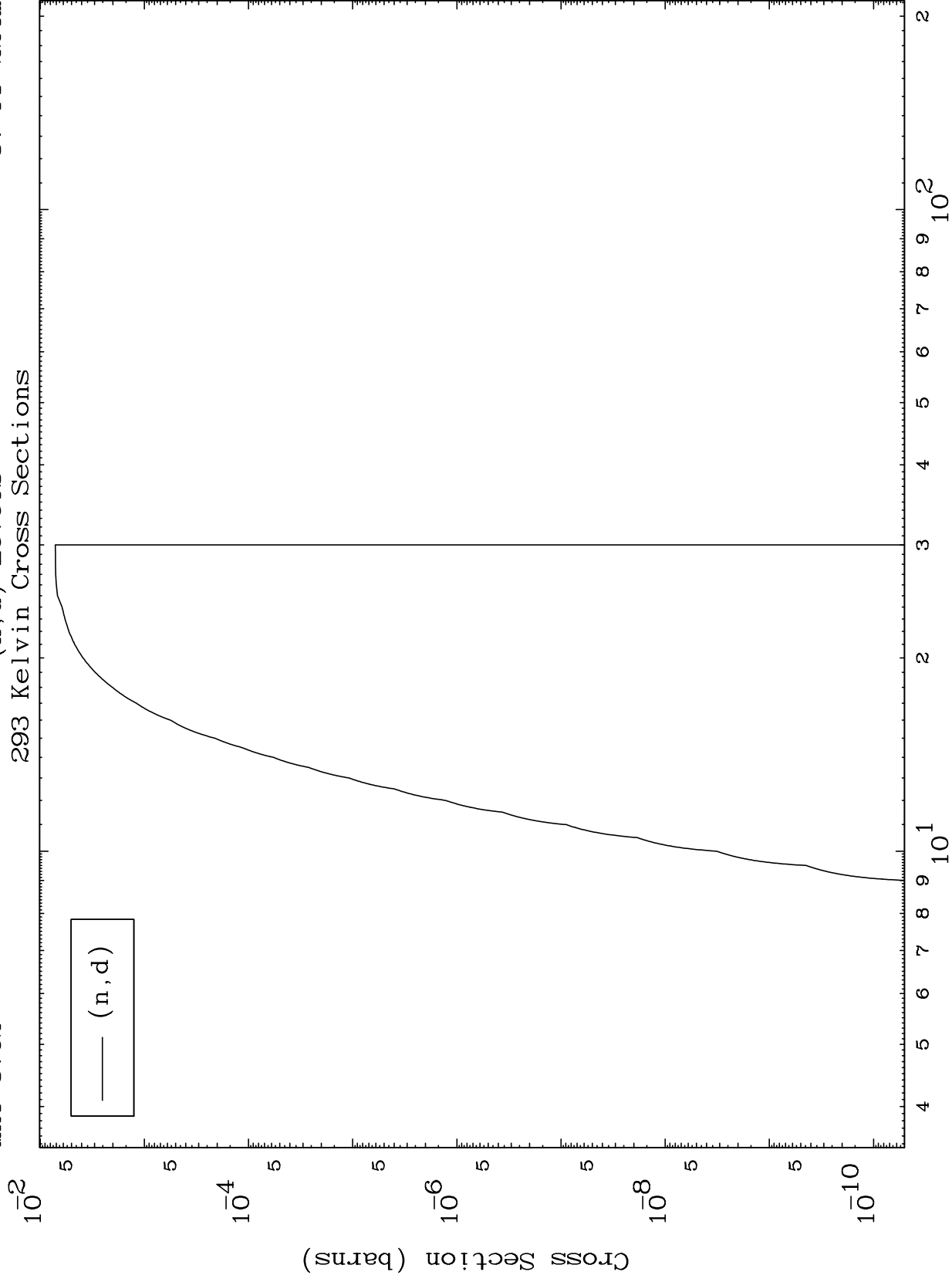
87-Fr-224m



MAT 8762

(n,d) Levels
293 Kelvin Cross Sections

87-Fr-224m



14

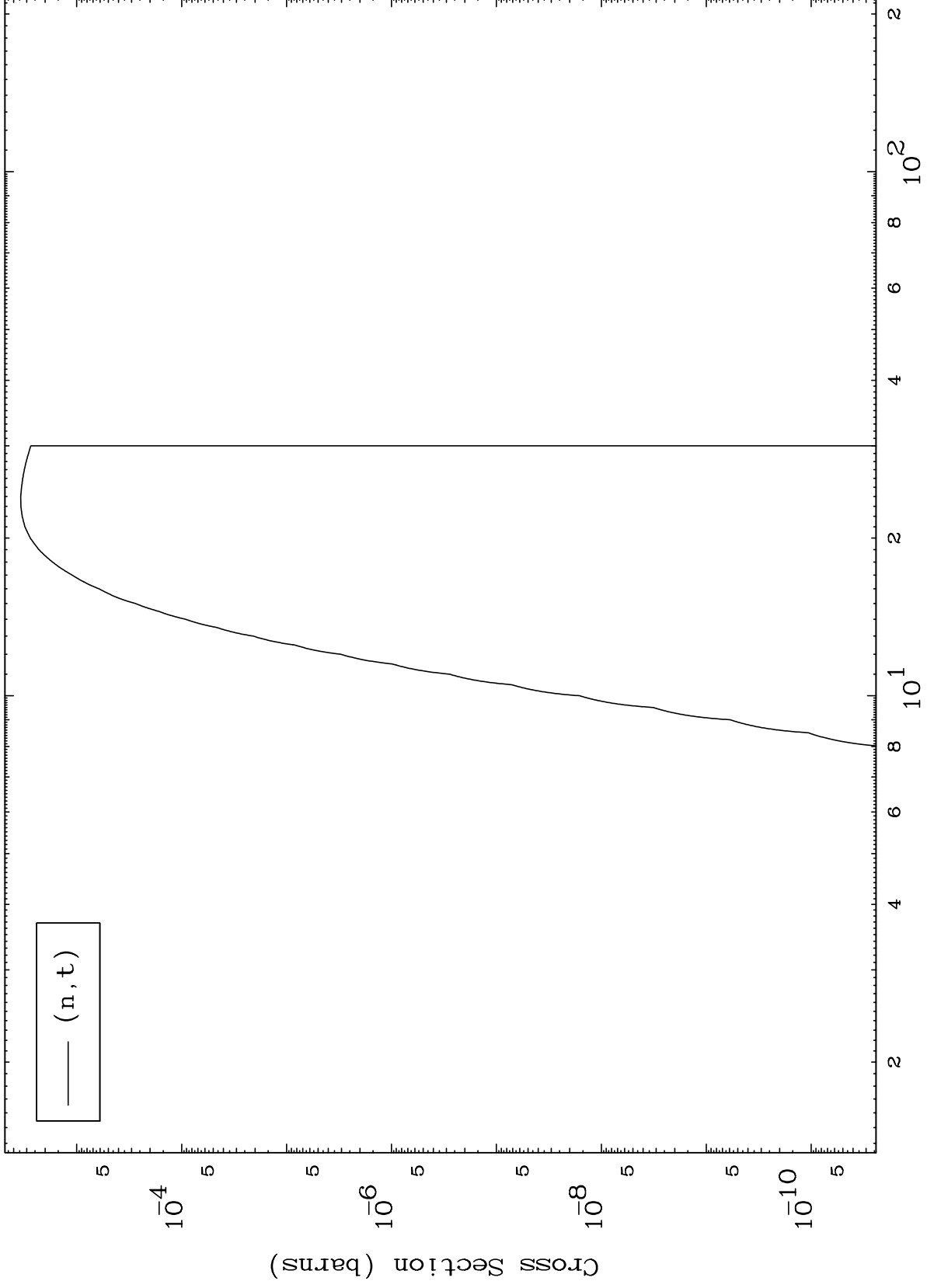
Incident Energy (MeV)

87-Fr-224m

MAT 8762

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-224m



15

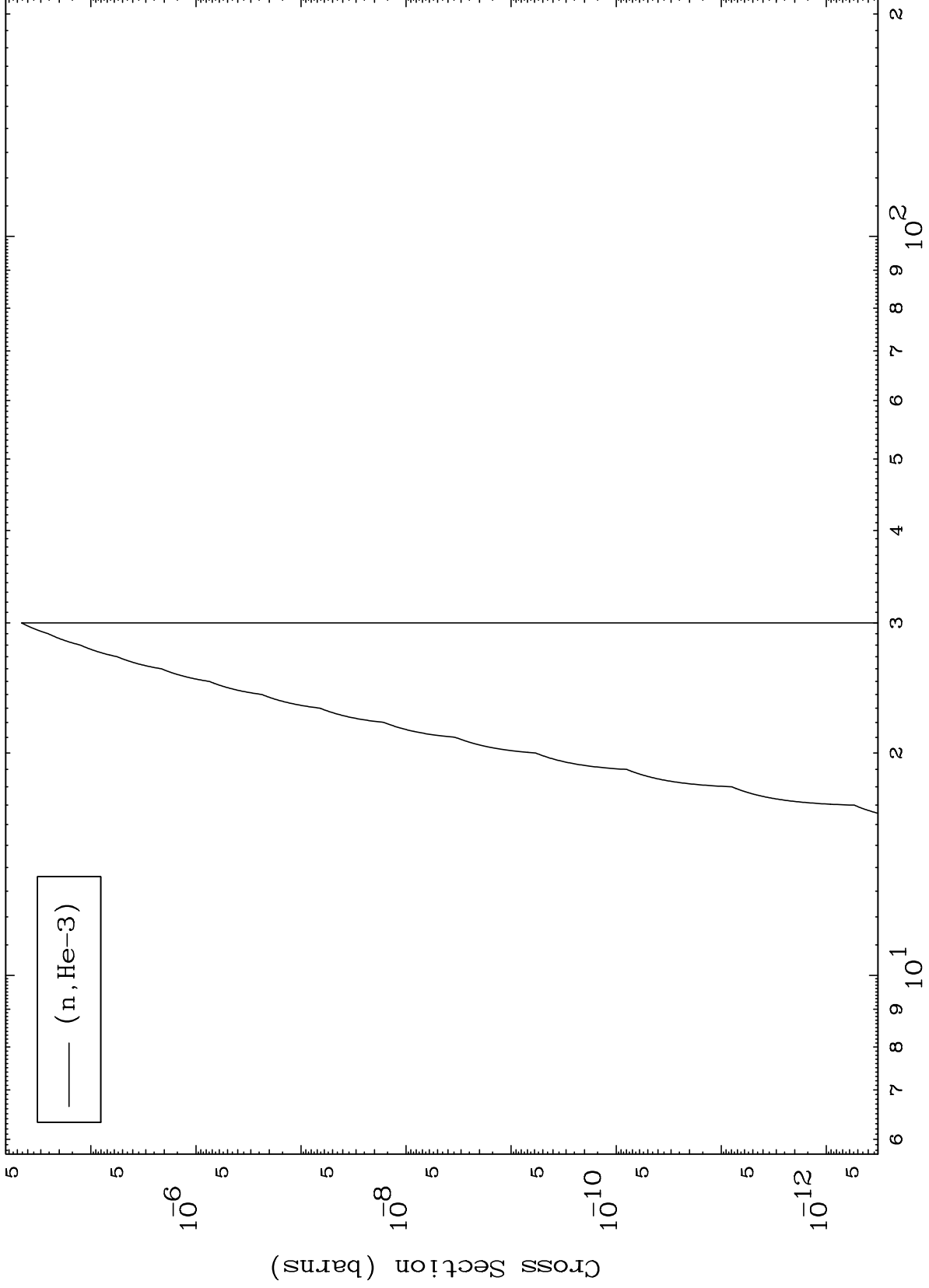
Incident Energy (MeV)

87-Fr-224m

MAT 8762

(n,He3) Levels
293 Kelvin Cross Sections

87-Fr-224m



16

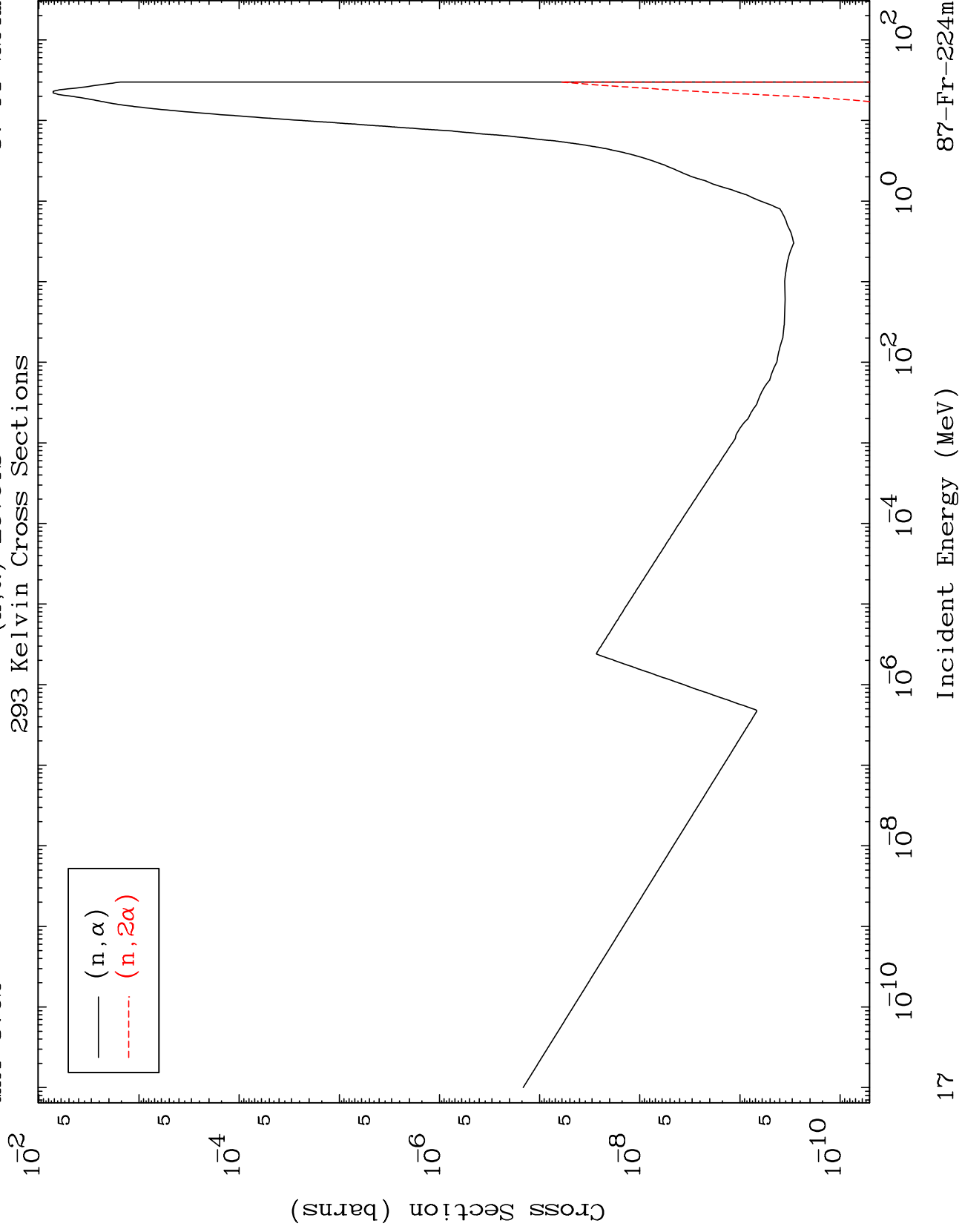
Incident Energy (MeV)

87-Fr-224m

MAT 8762

(n, α) Levels
293 Kelvin Cross Sections

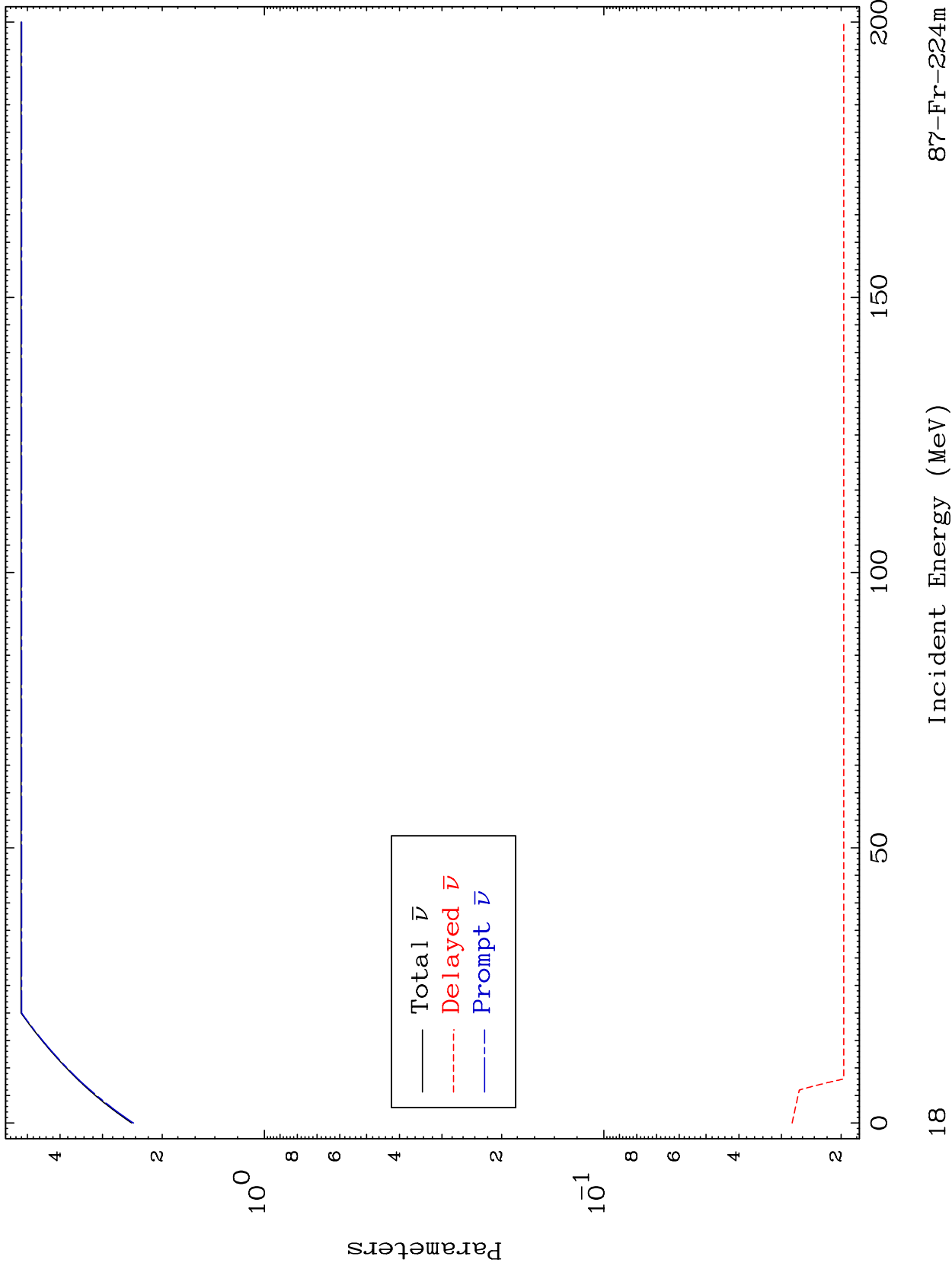
87-Fr-224m



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Energy Release
Parameters

87-Fr-224m



18

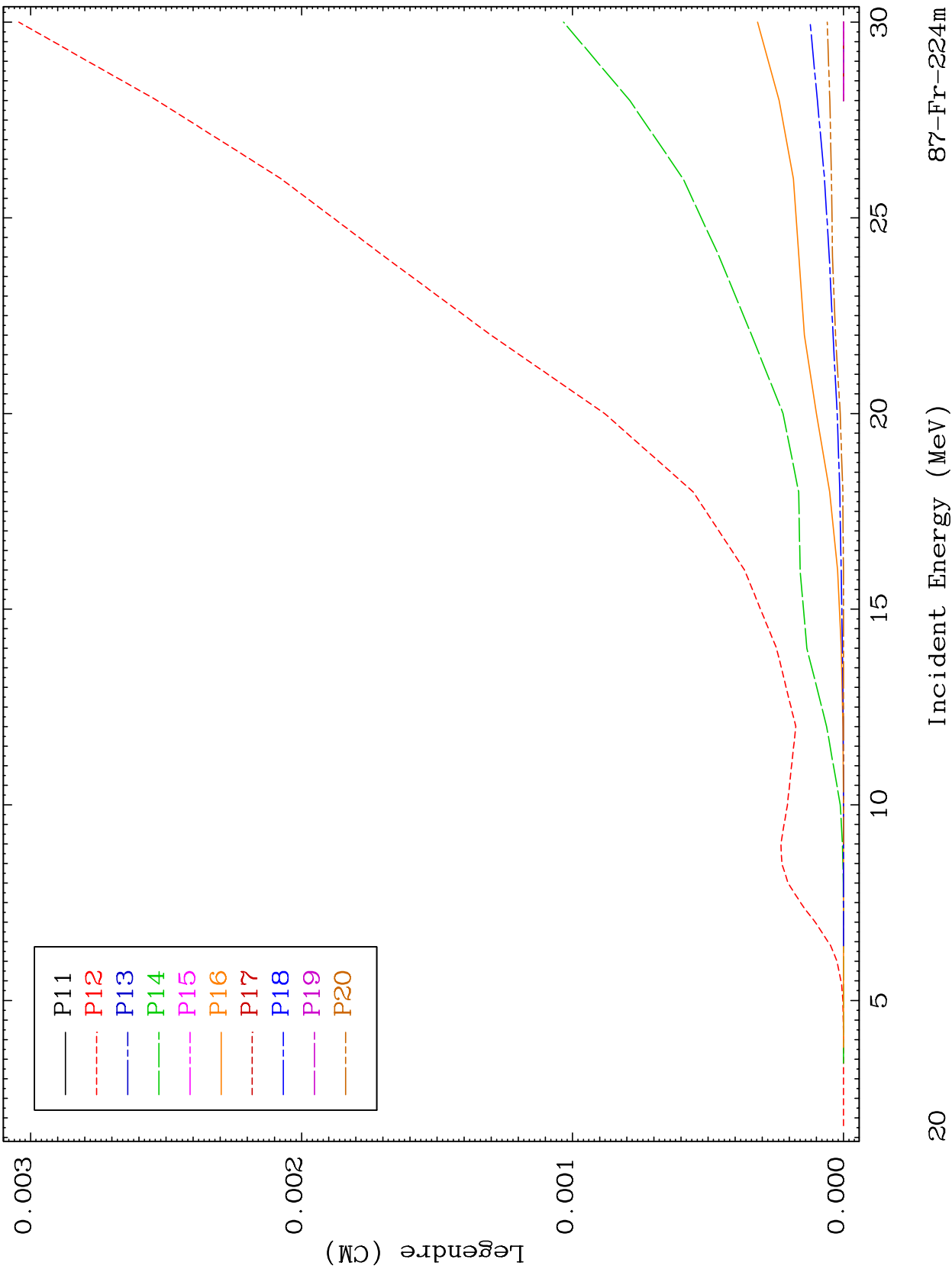
Incident Energy (MeV)

87-Fr-224m

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Elastic
Legendre Coefficients

87-Fr-224m



20

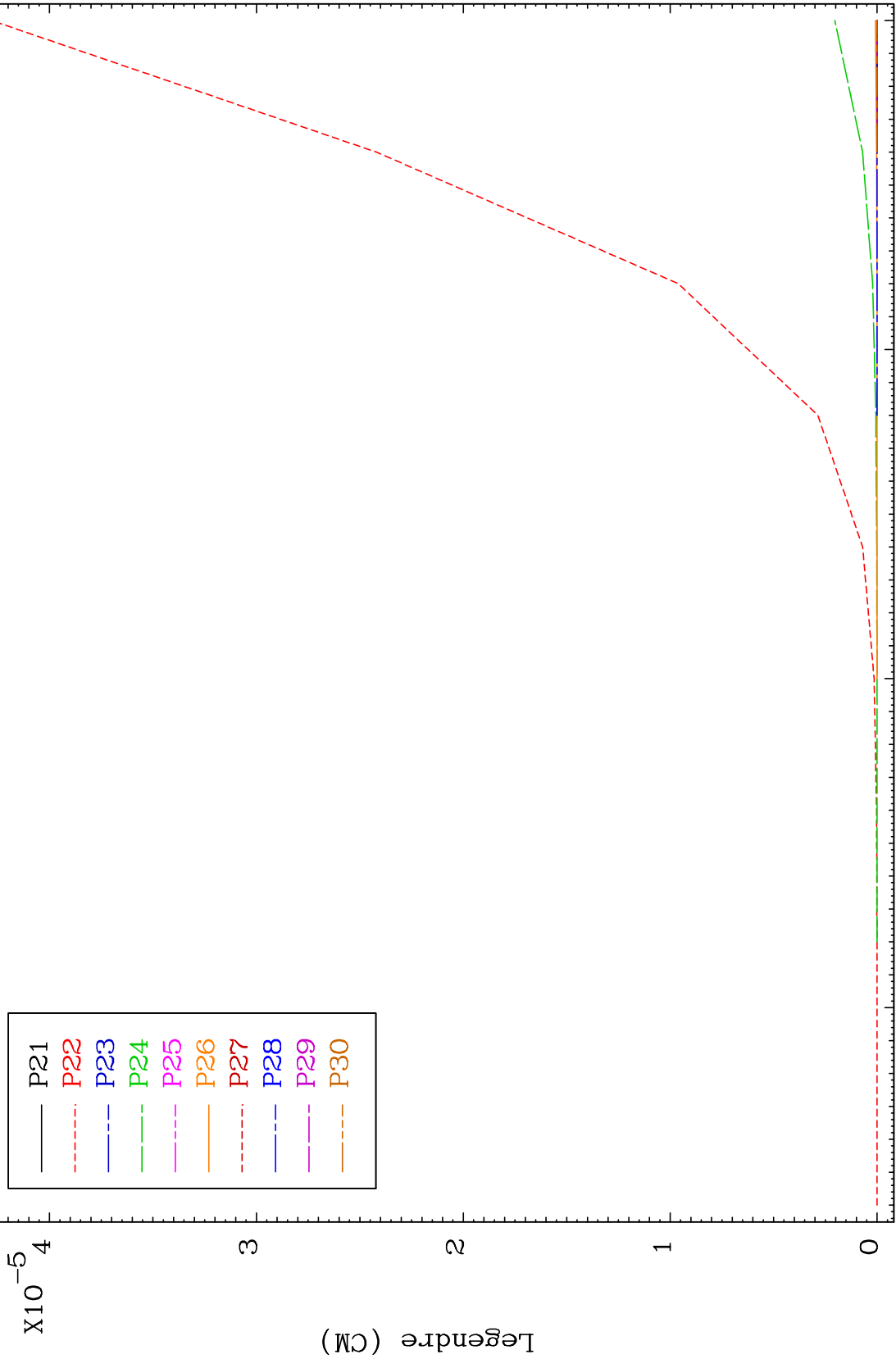
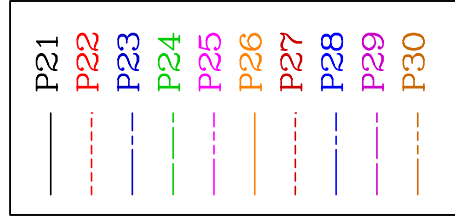
Incident Energy (MeV)

87-Fr-224m

MAT 8762

Elastic
Legendre Coefficients

87-Fr-224m



21

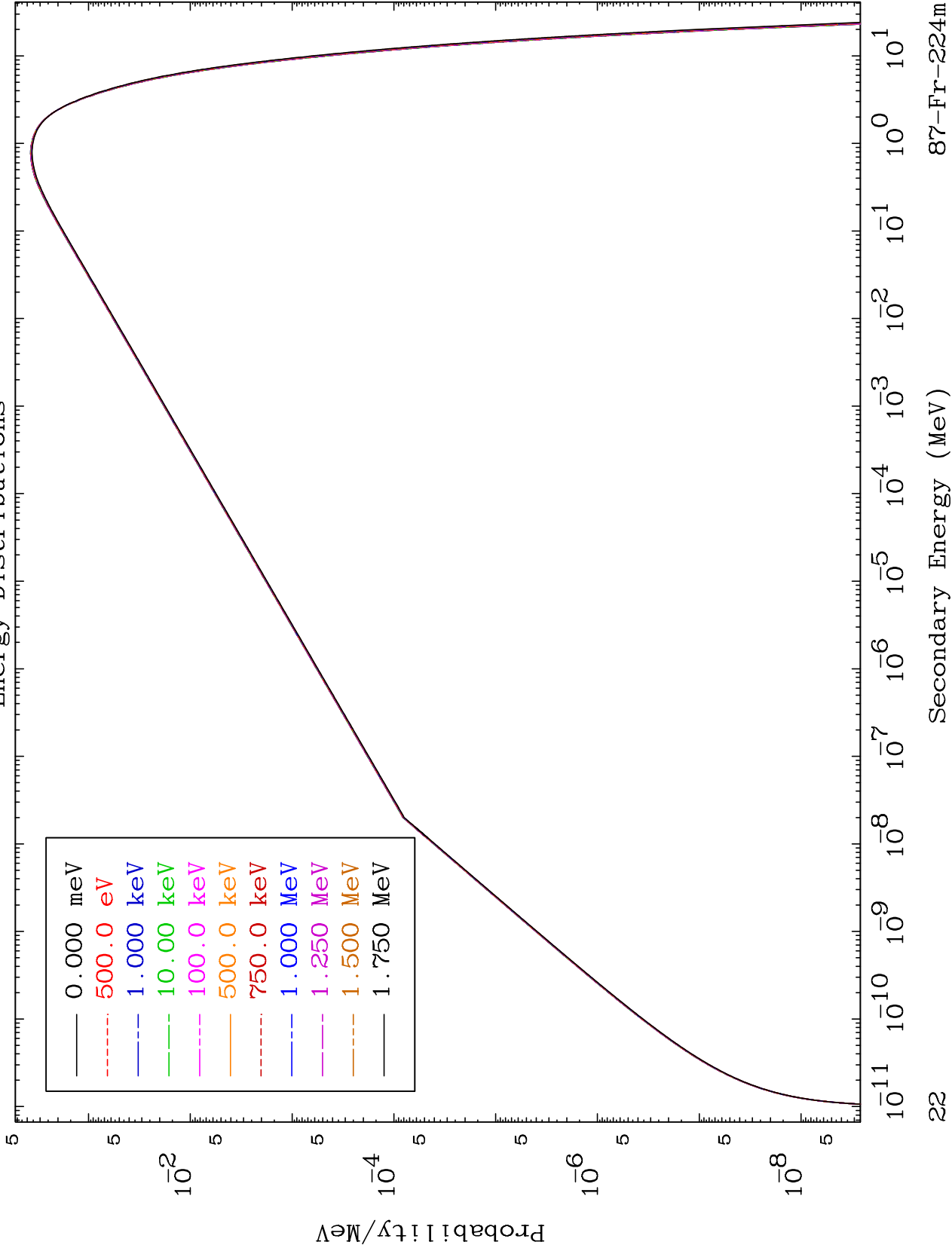
Incident Energy (MeV)

87-Fr-224m

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Fission Energy Distributions

⁸⁷Fr-224m



⁸⁷Fr-224m

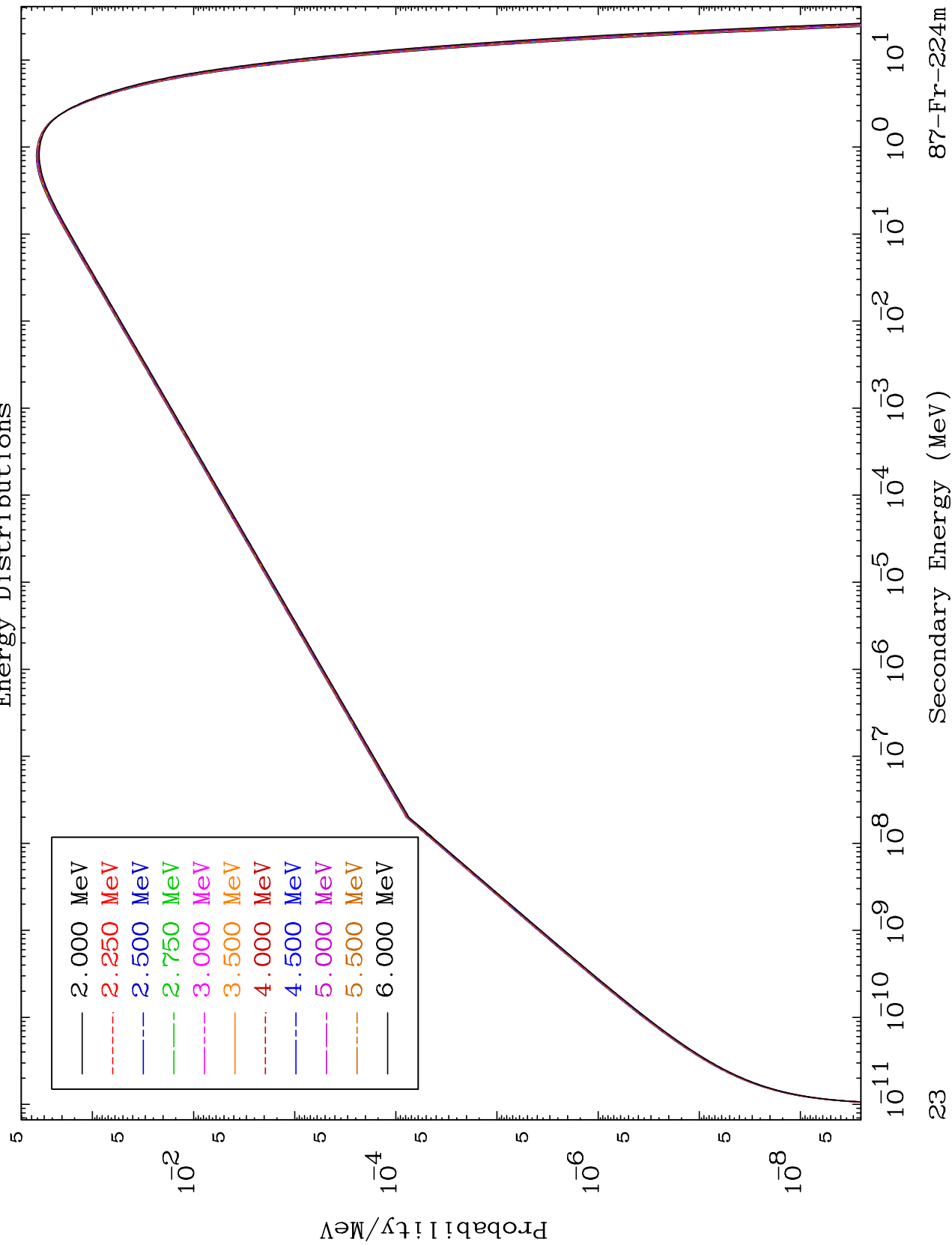
Secondary Energy (MeV)

22

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Fission Energy Distributions

⁸⁷Fr-224m



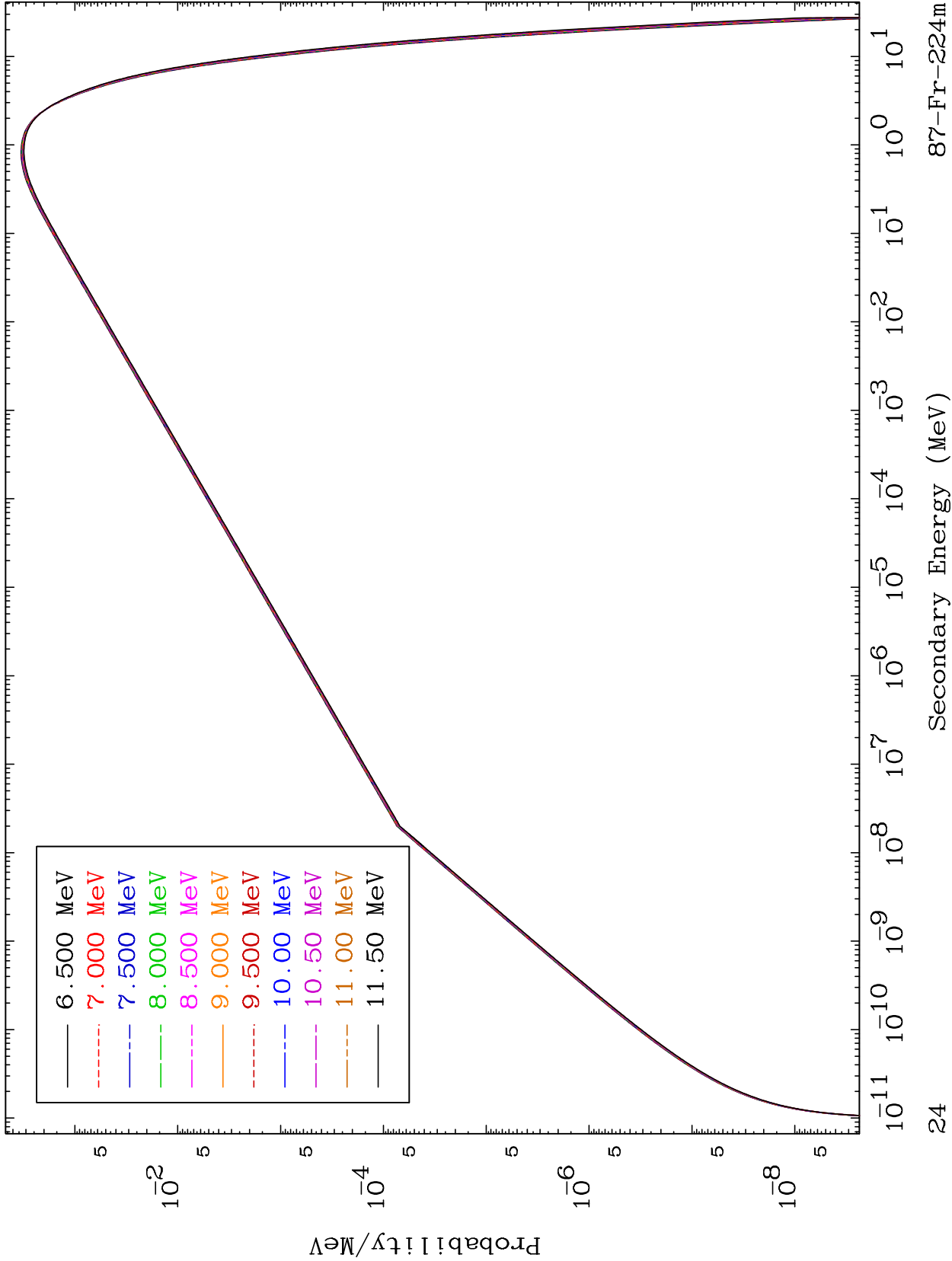
⁸⁷Fr-224m

Secondary Energy (MeV)

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Fission Energy Distributions

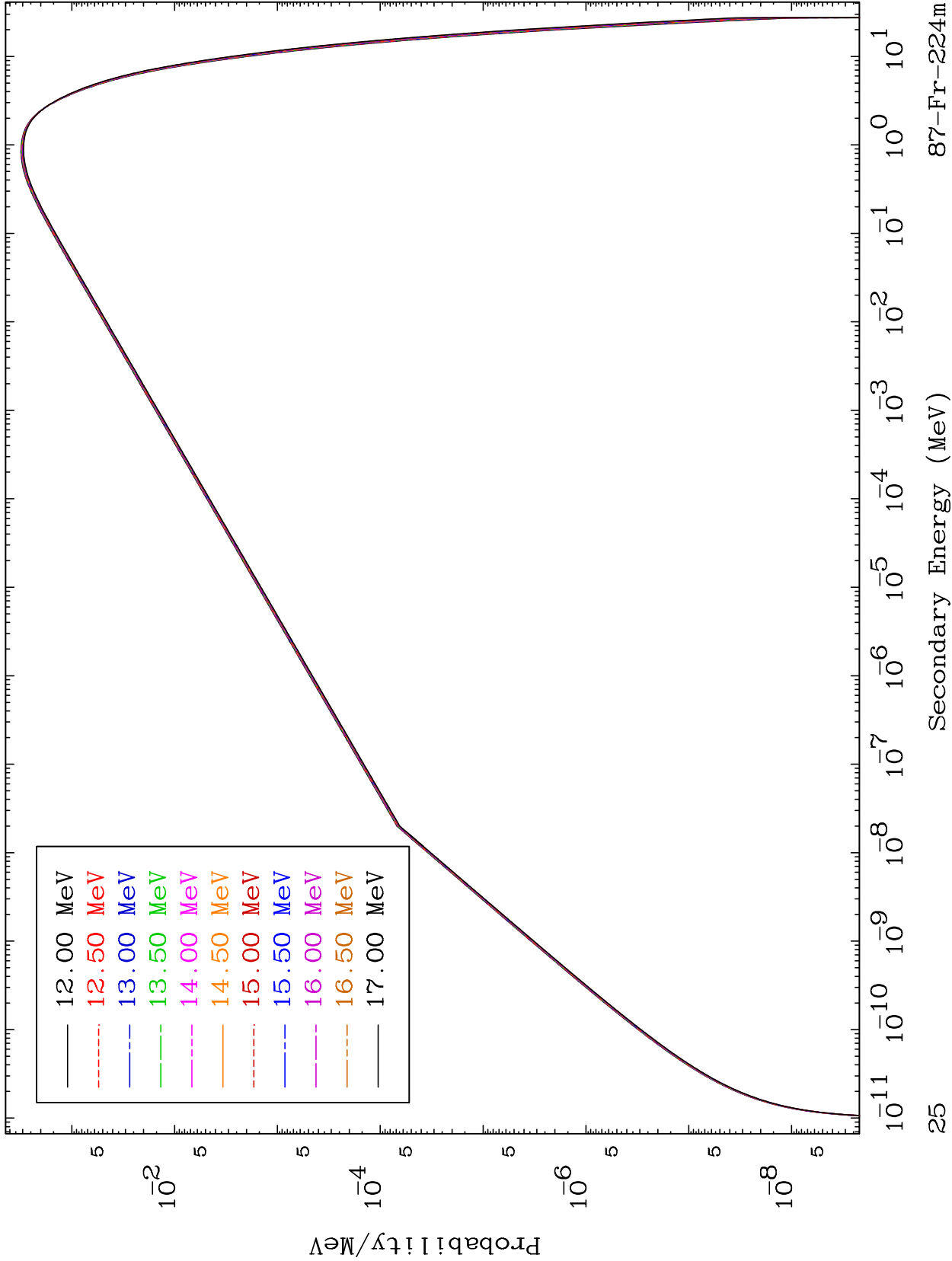
87-Fr-224m



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Fission Energy Distributions

⁸⁷Fr-224m



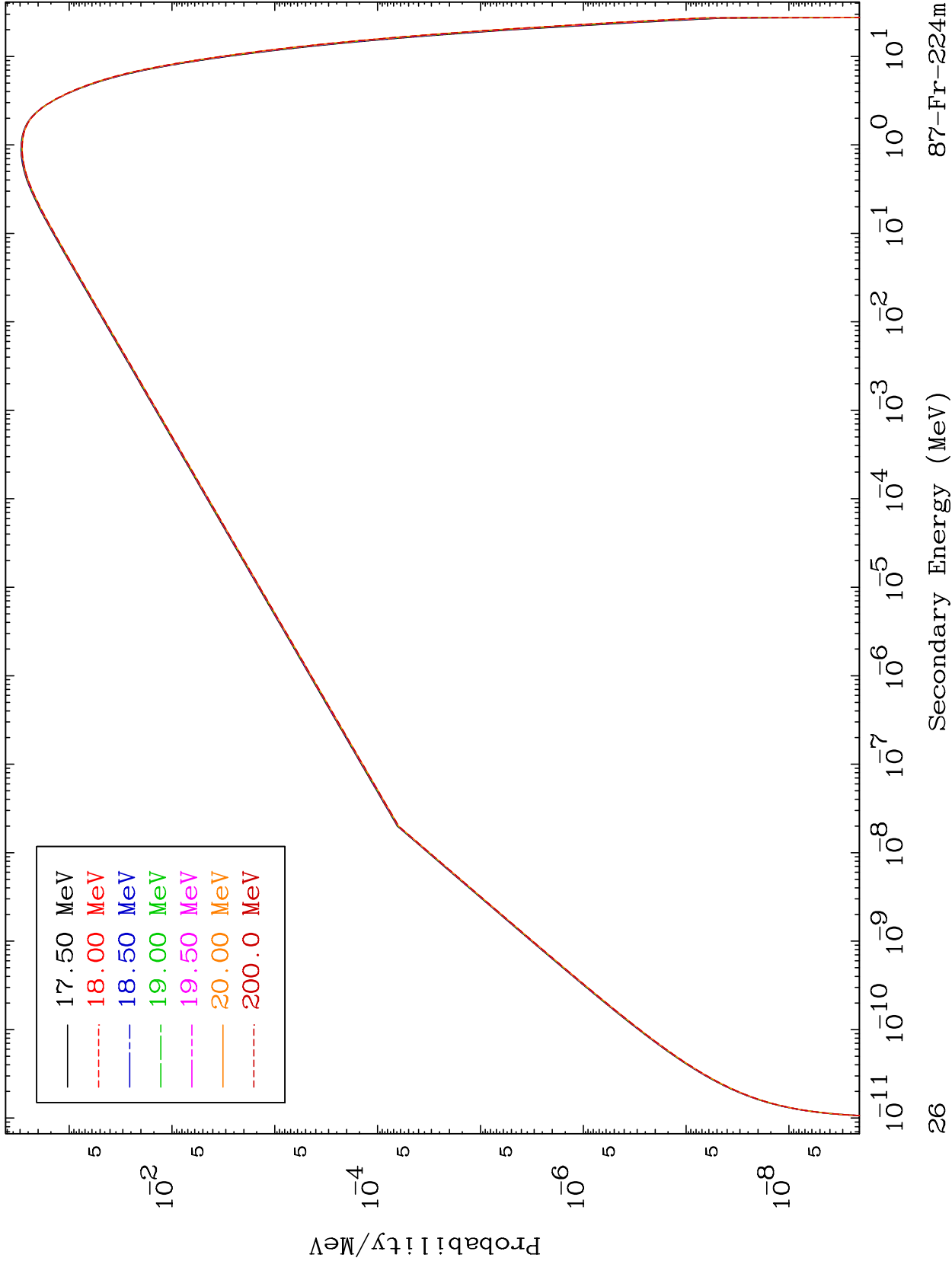
⁸⁷Fr-224m

Secondary Energy (MeV)

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Fission Energy Distributions

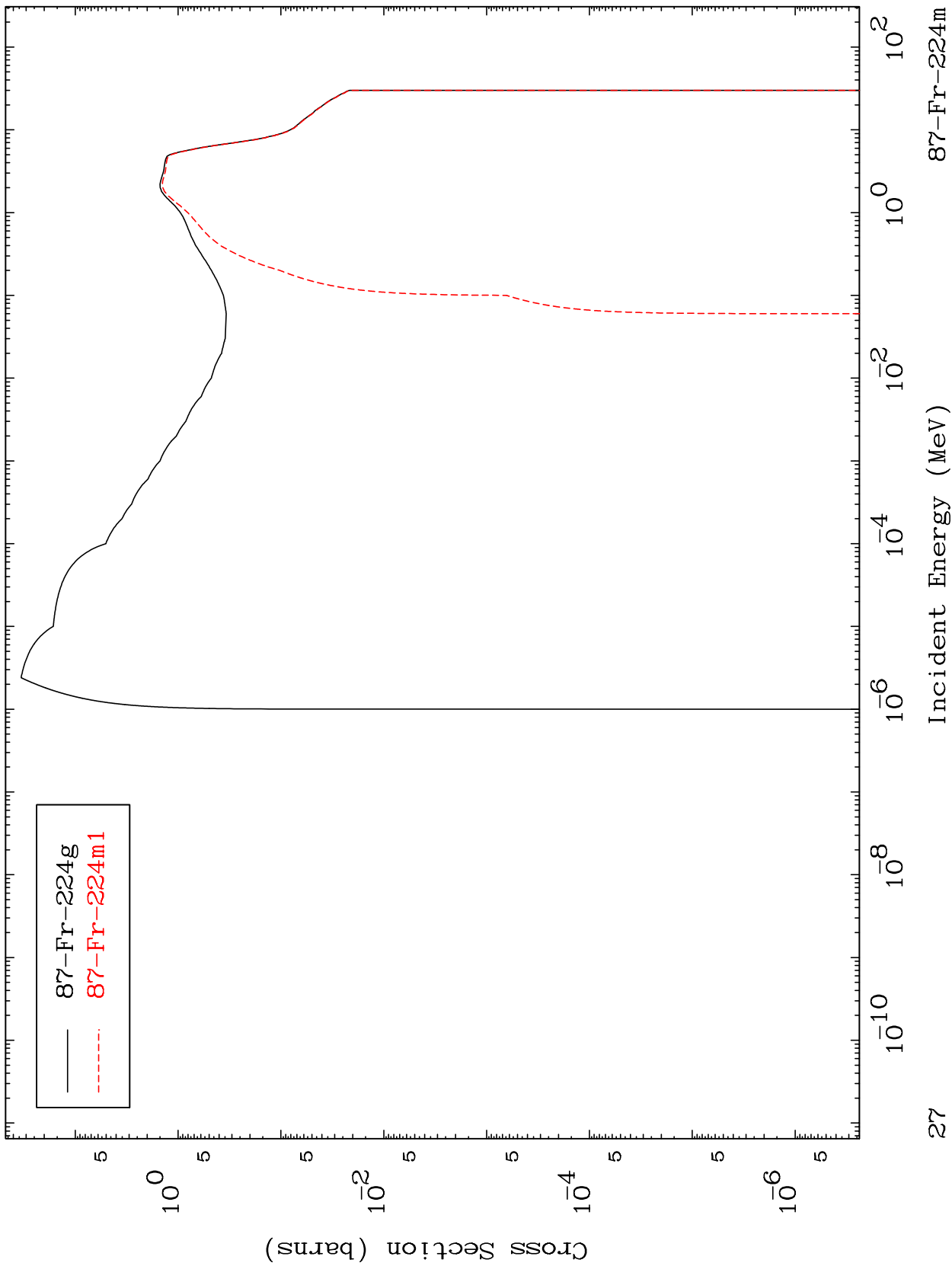
87-Fr-224m



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87-Fr-224m

Radionuclide Production Cross Section

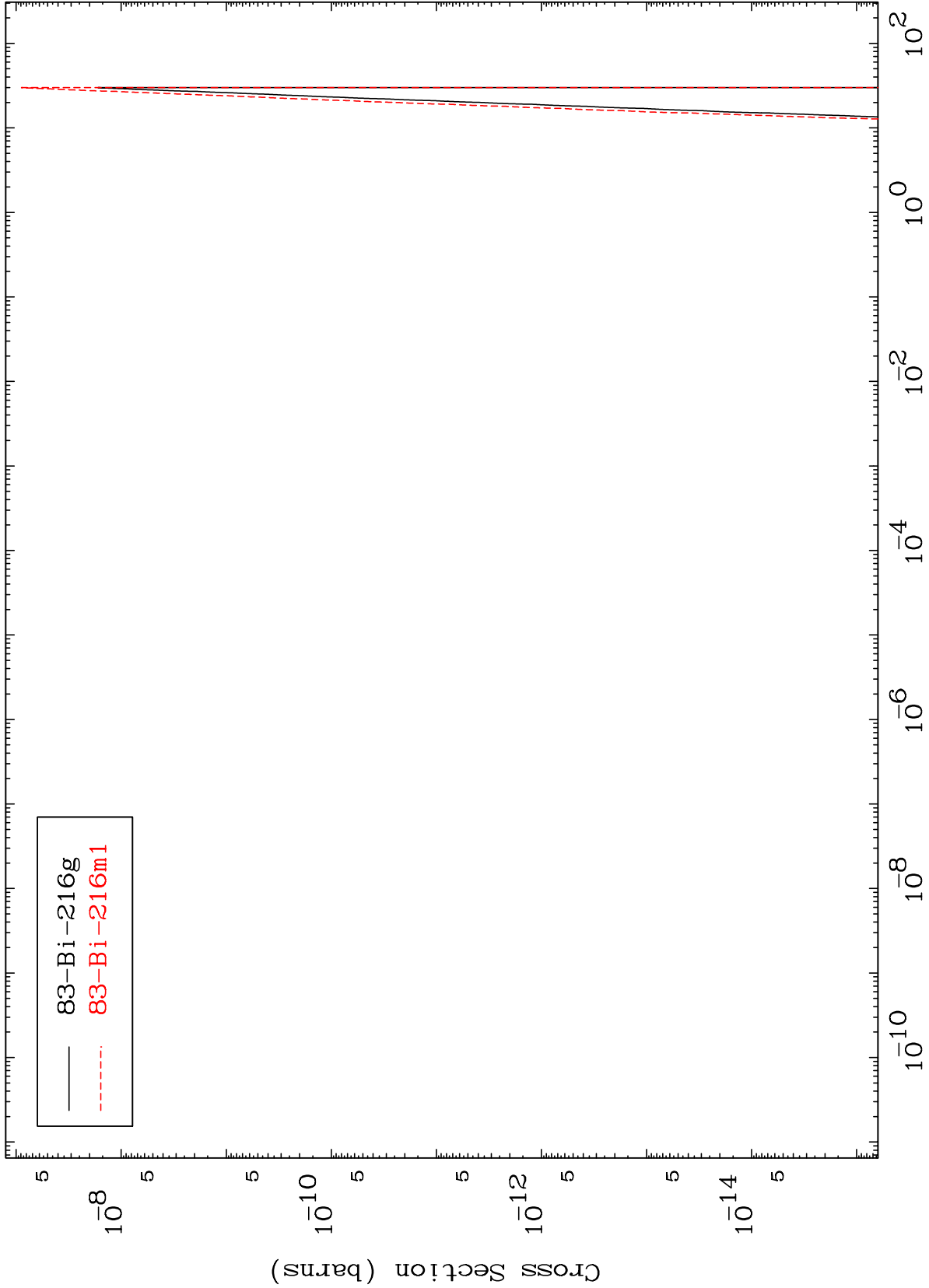


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(n,n') 2 α

87-Fr-224m

Radionuclide Production Cross Section

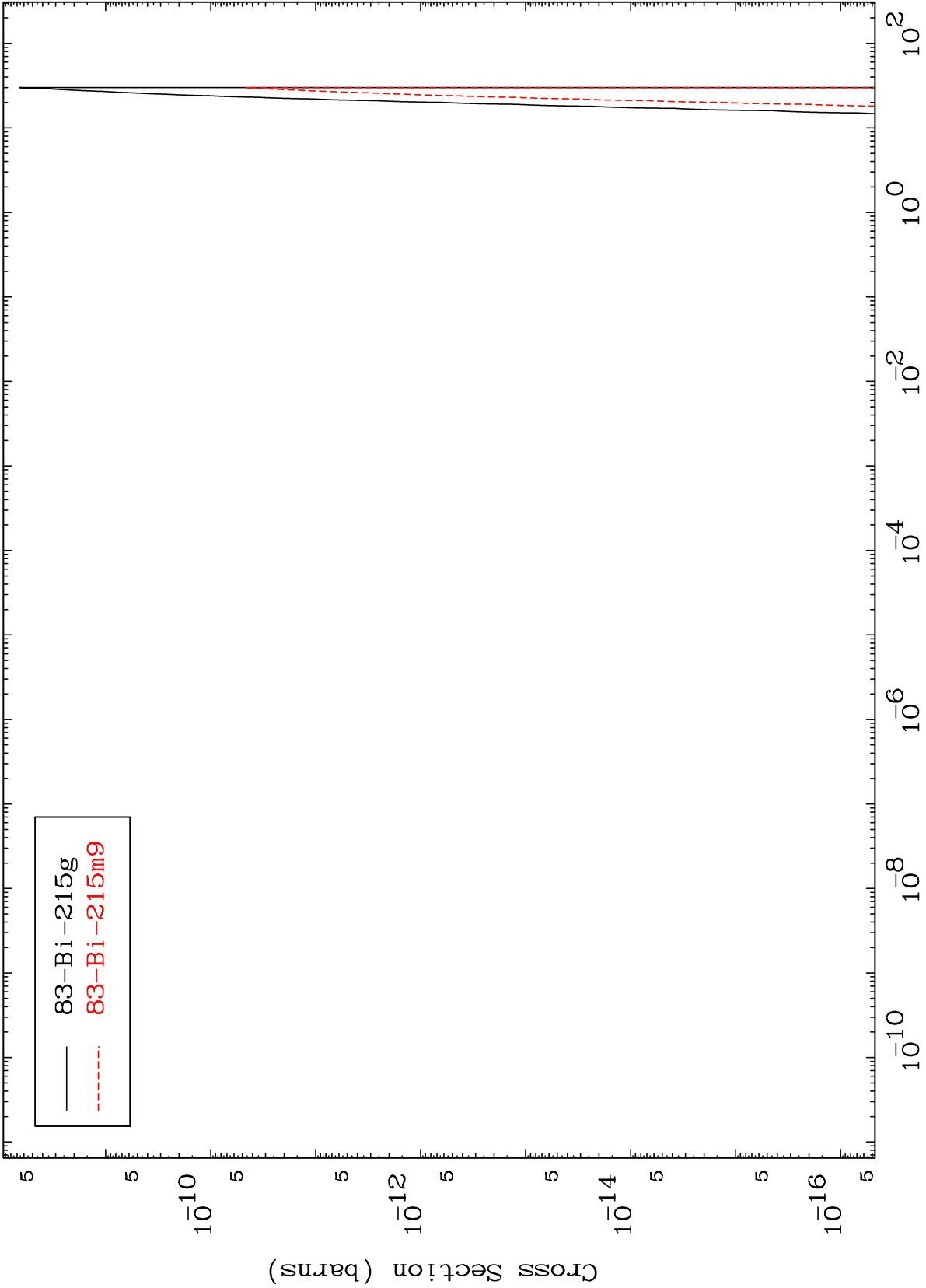


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(n,2n) 2α

87-Fr-224m

Radionuclide Production Cross Section



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