

Program EVALPLOT  
(Version 2021-1)

by

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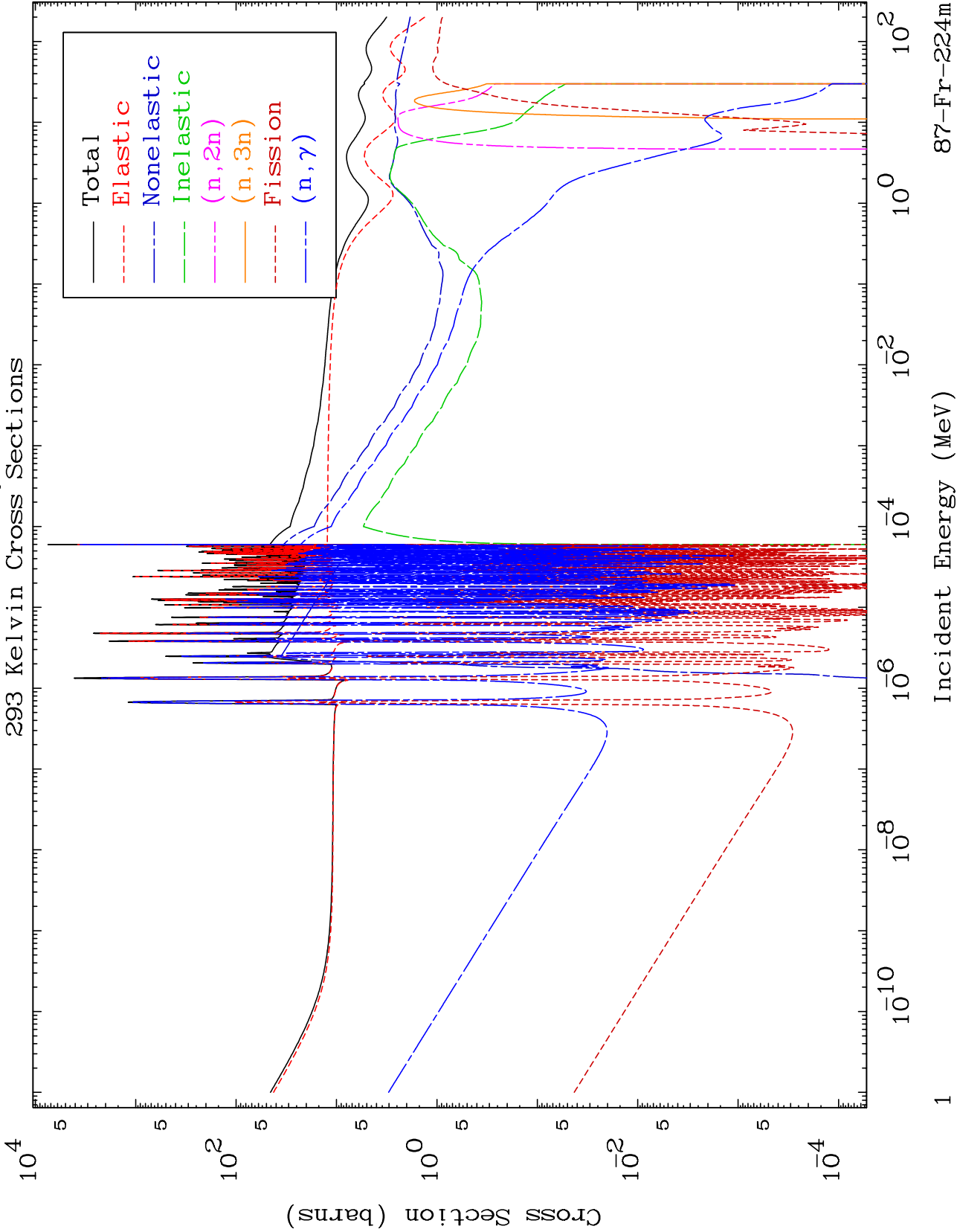
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8762

Neutron Major  
293 Kelvin Cross Sections

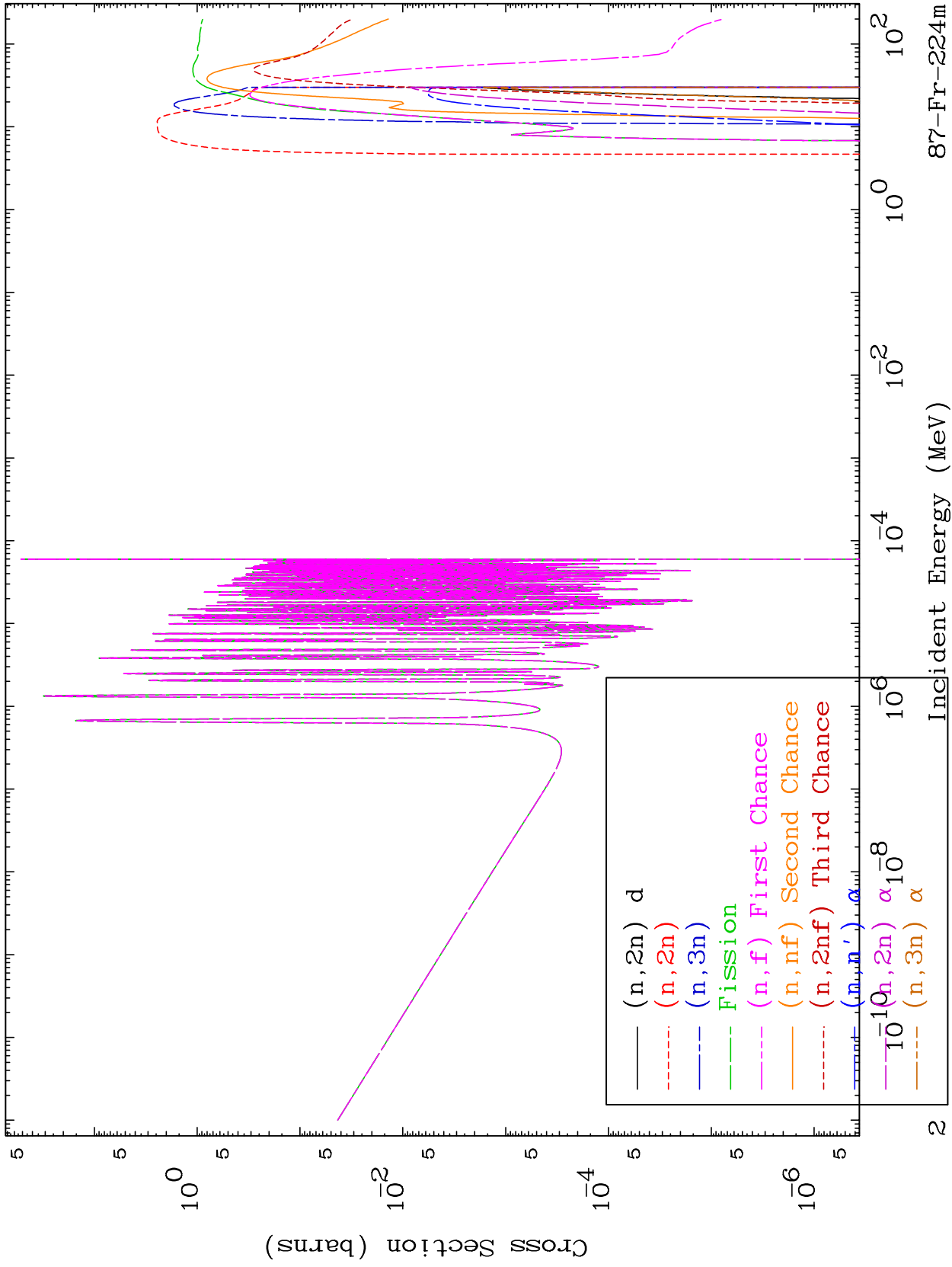
87-Fr-224m



MAT 8762

Neutron Absorption  
293 Kelvin Cross Sections

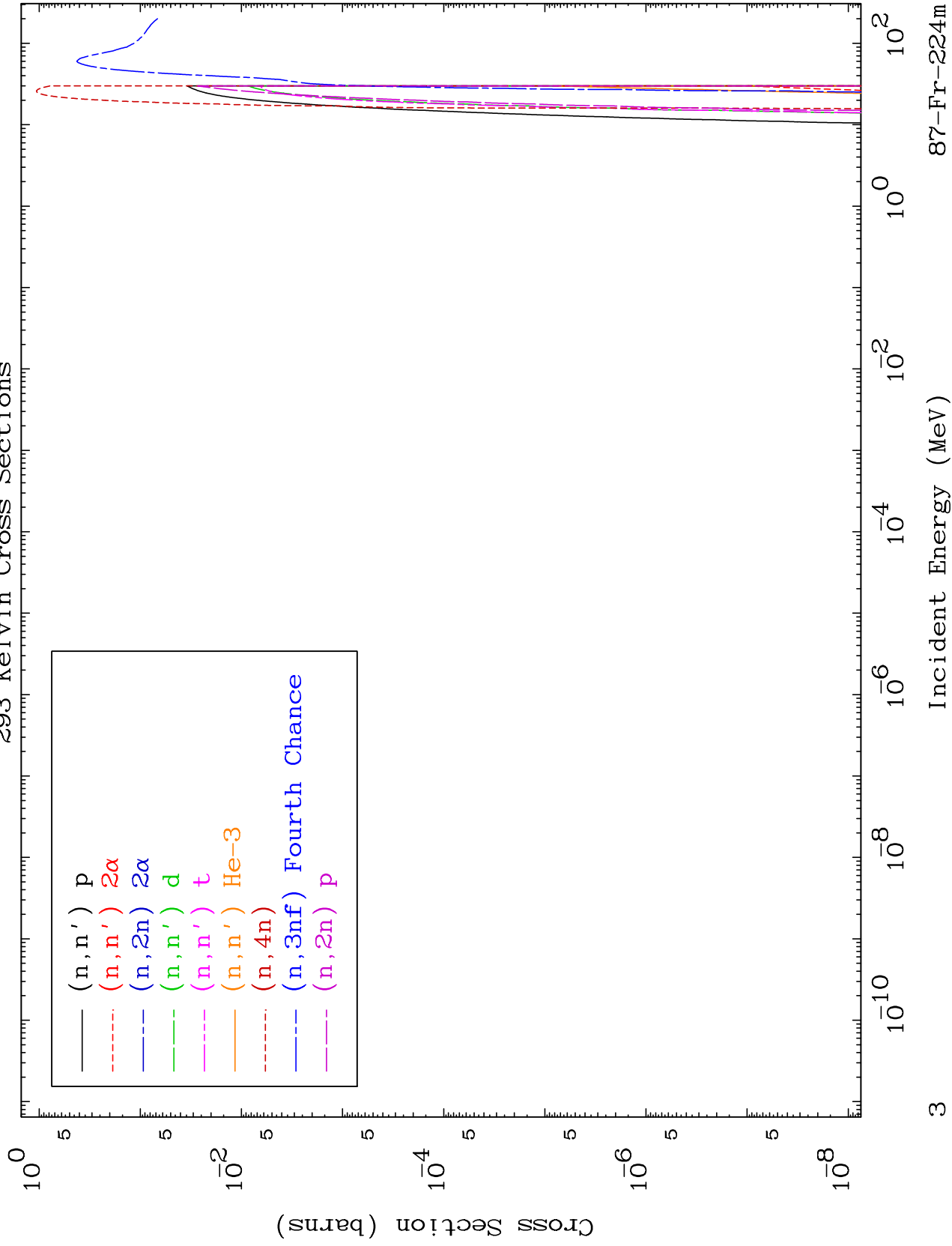
87-Fr-224m



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Neutron Absorption  
293 Kelvin Cross Sections

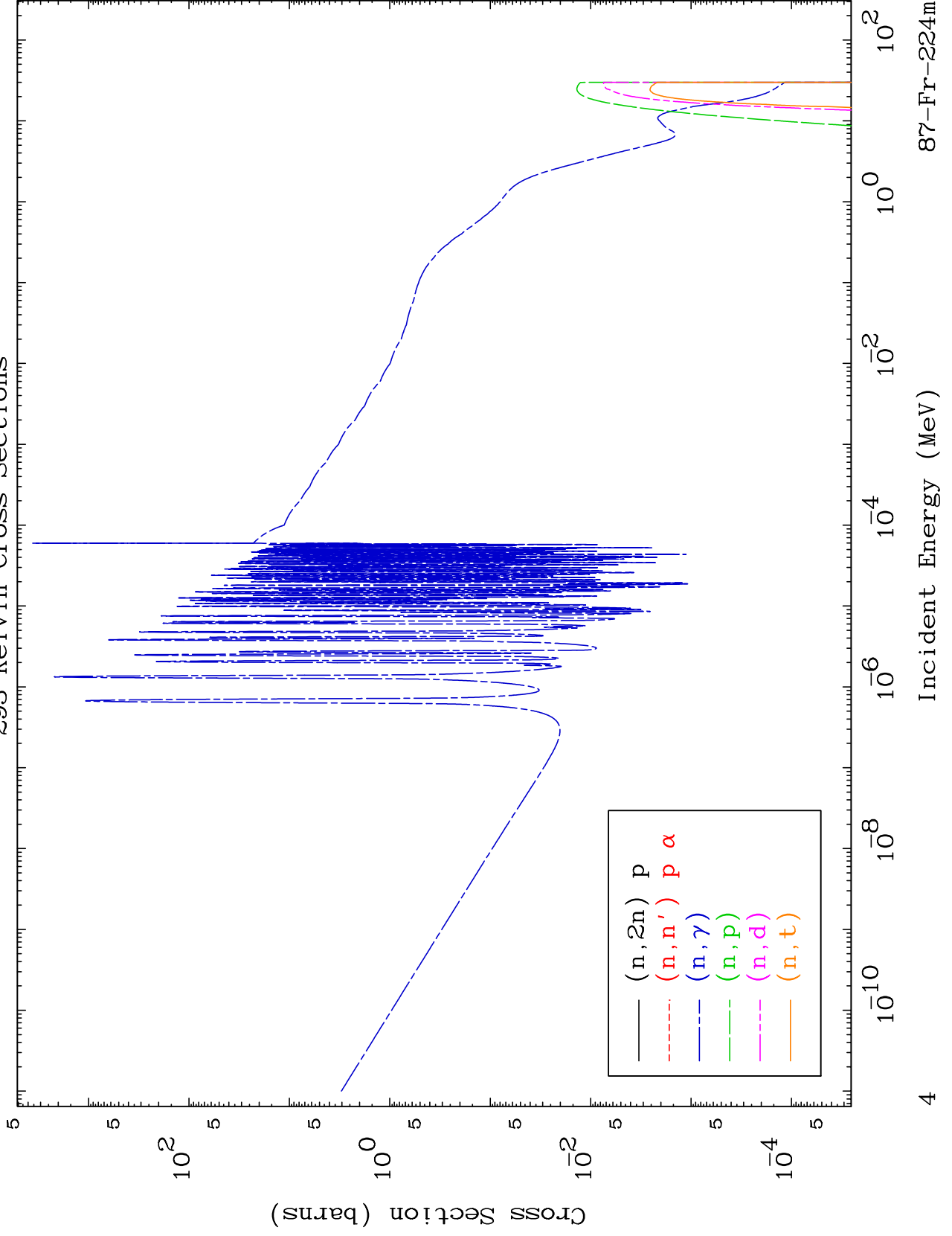
87-Fr-224m



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Neutron Absorption  
293 Kelvin Cross Sections

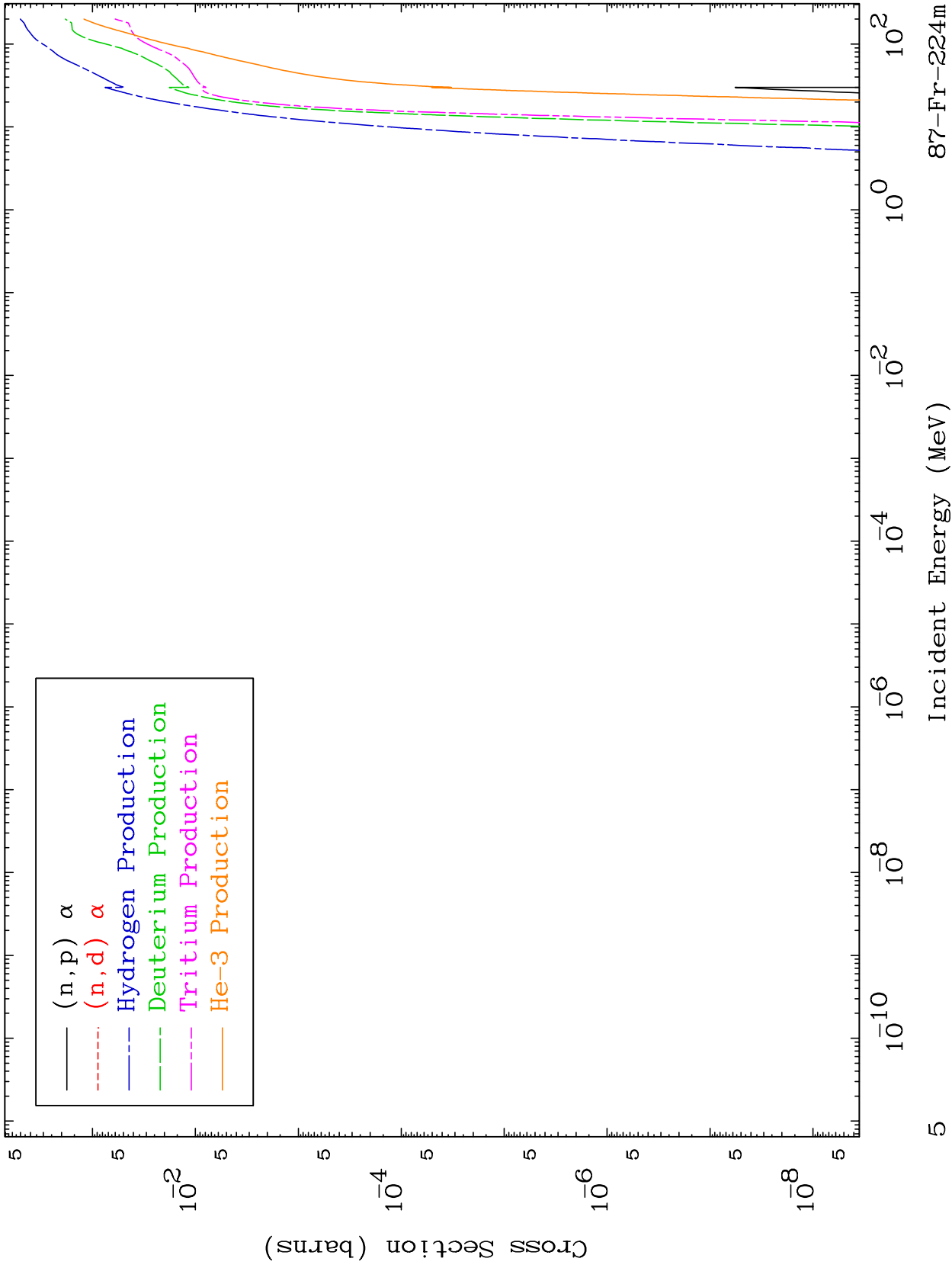
87-Fr-224m



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Neutron Absorption  
293 Kelvin Cross Sections

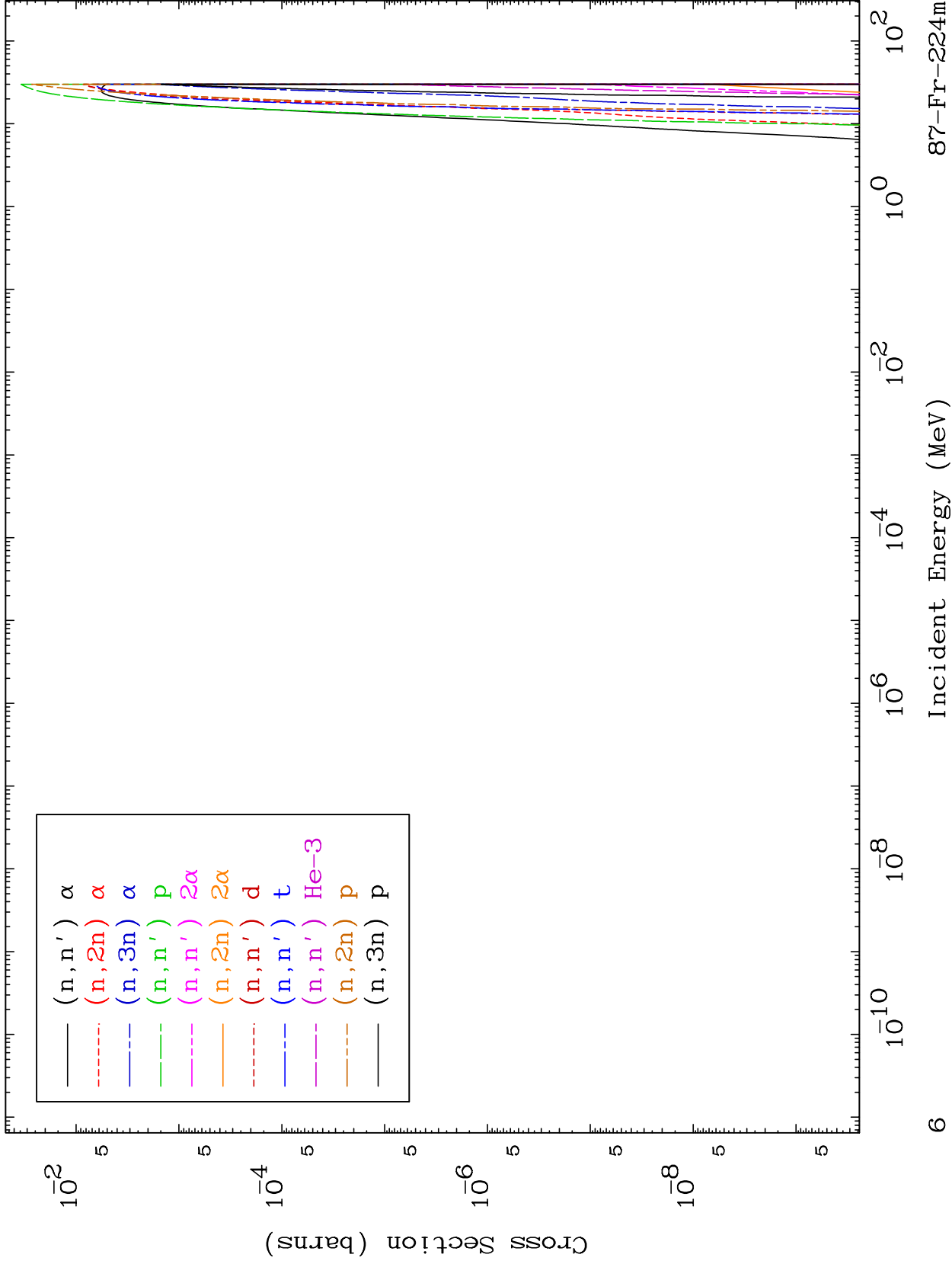
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Charged Particle  
293 Kelvin Cross Sections

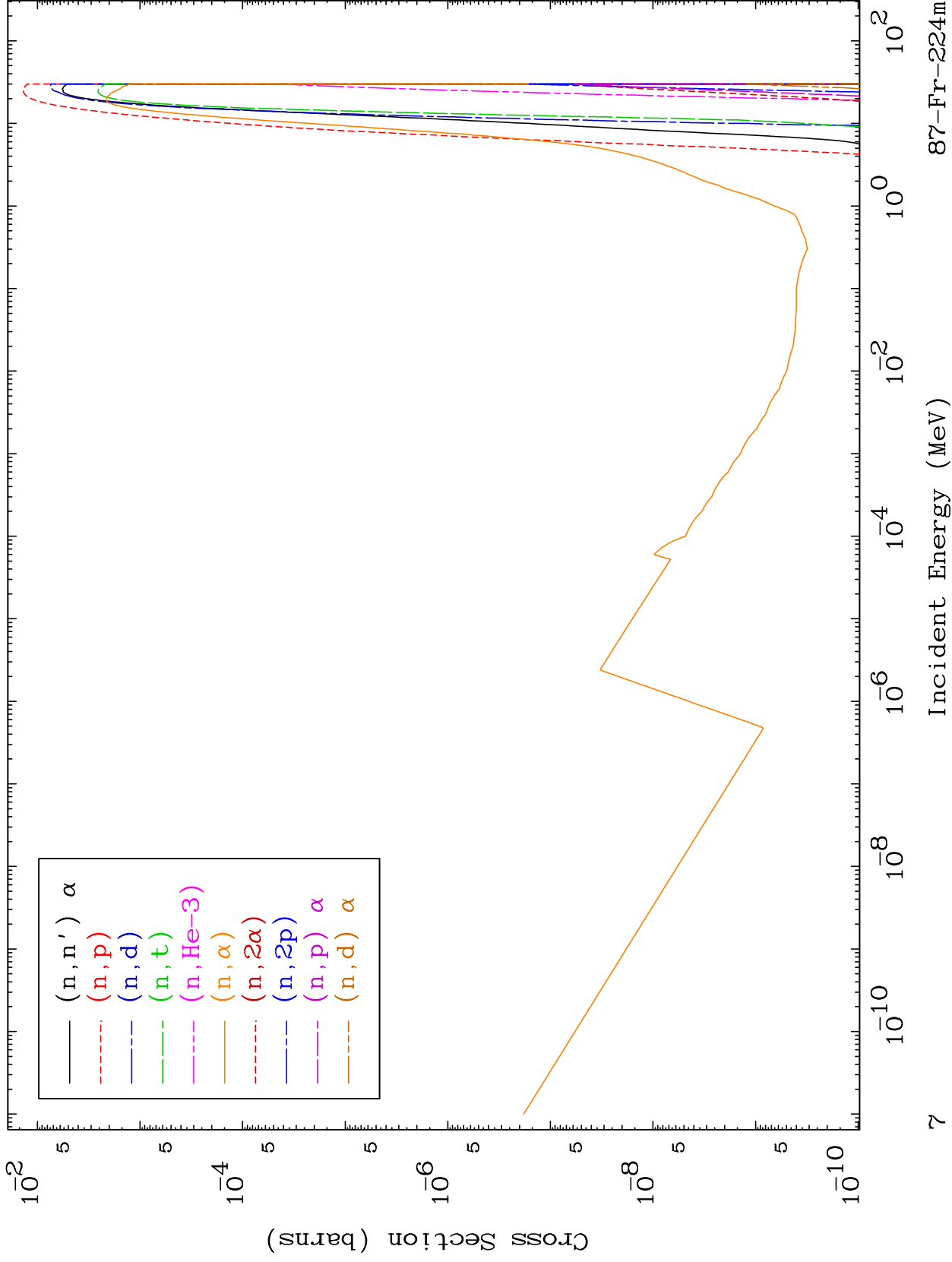
87-Fr-224m



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Charged Particle  
293 Kelvin Cross Sections

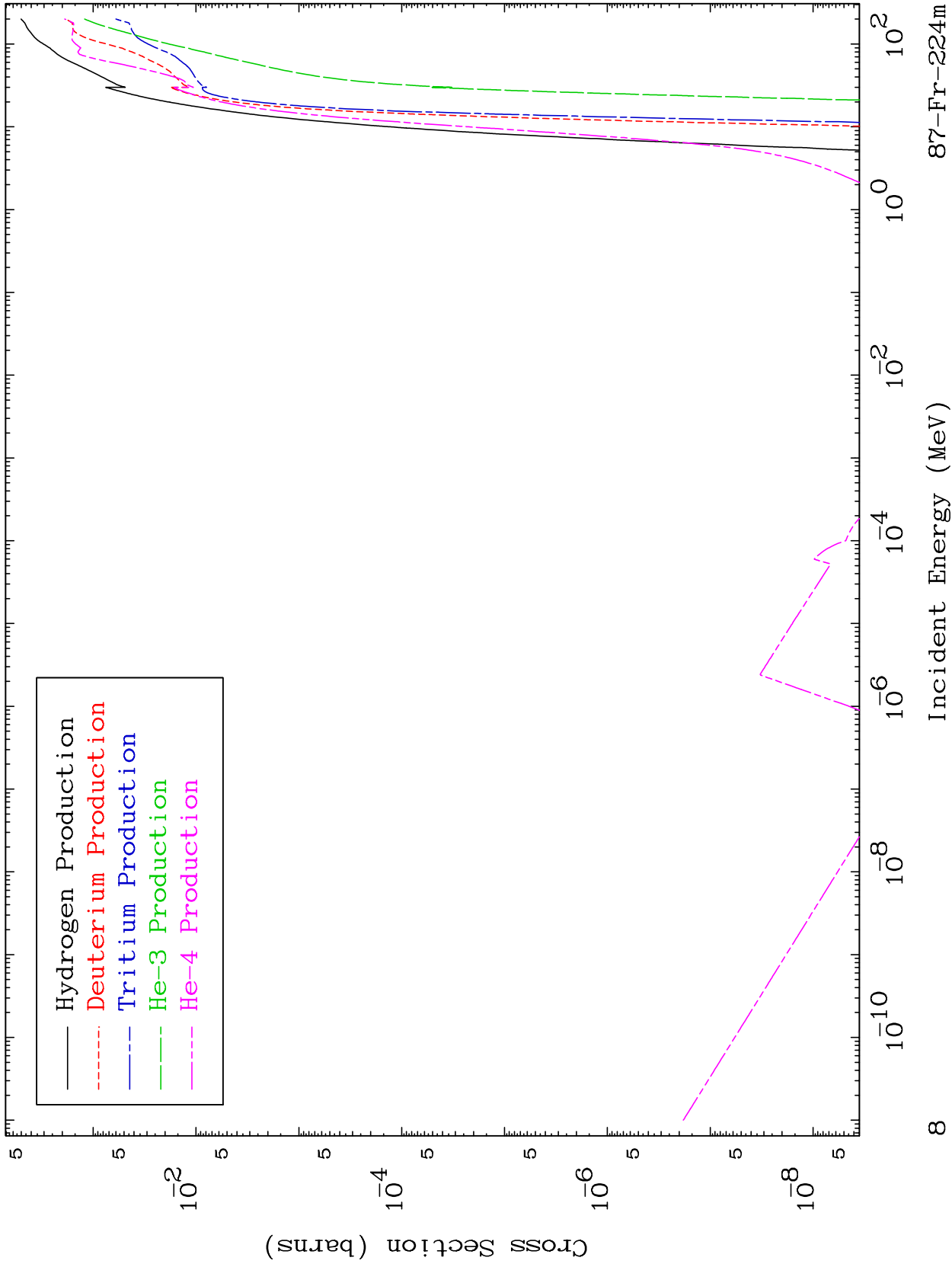
87-Fr-224m



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Particle Production  
293 Kelvin Cross Sections

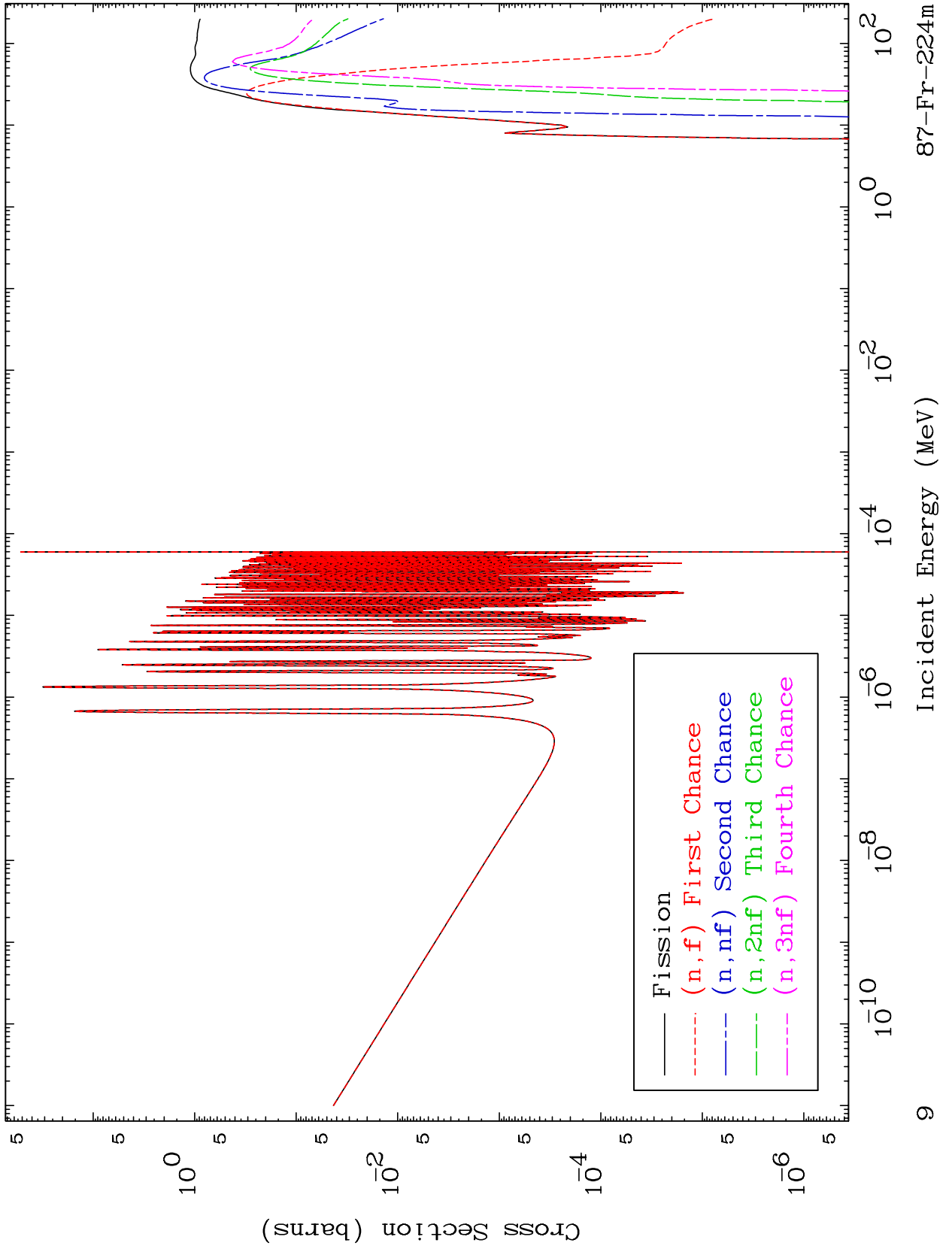
87-Fr-224m



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Fission  
293 Kelvin Cross Sections

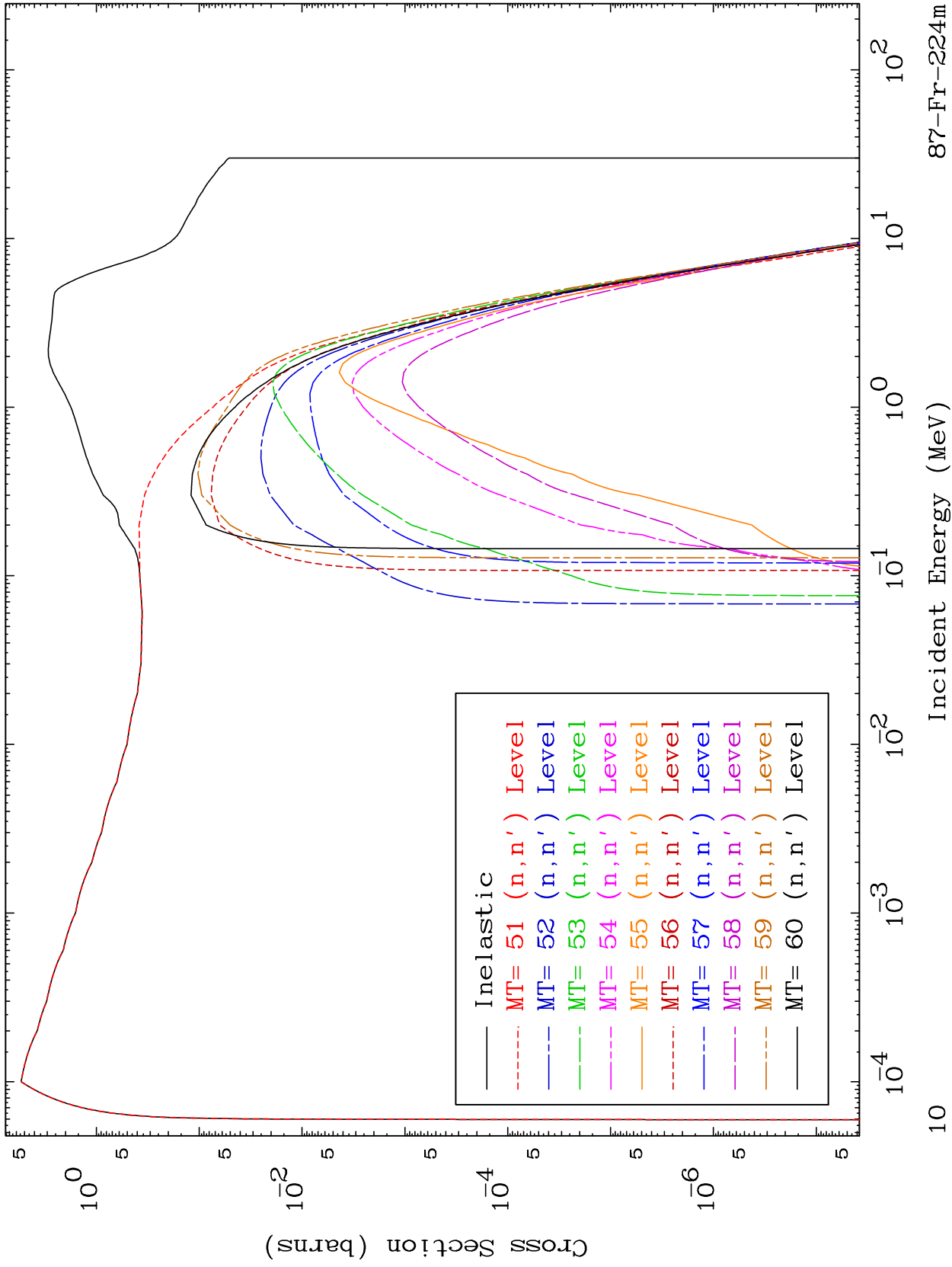
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(n,n') Levels  
293 Kelvin Cross Sections

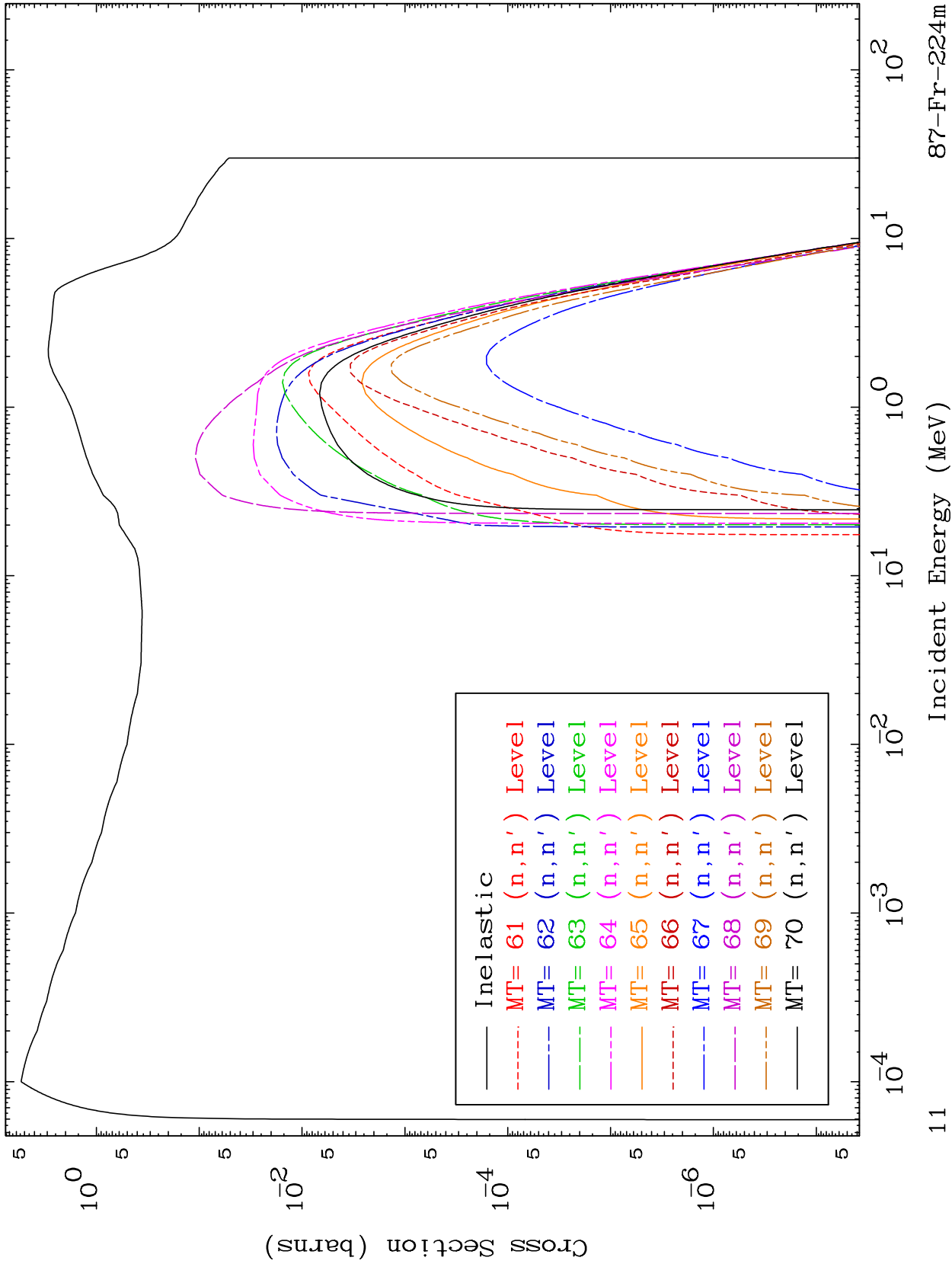
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(n,n') Levels  
293 Kelvin Cross Sections

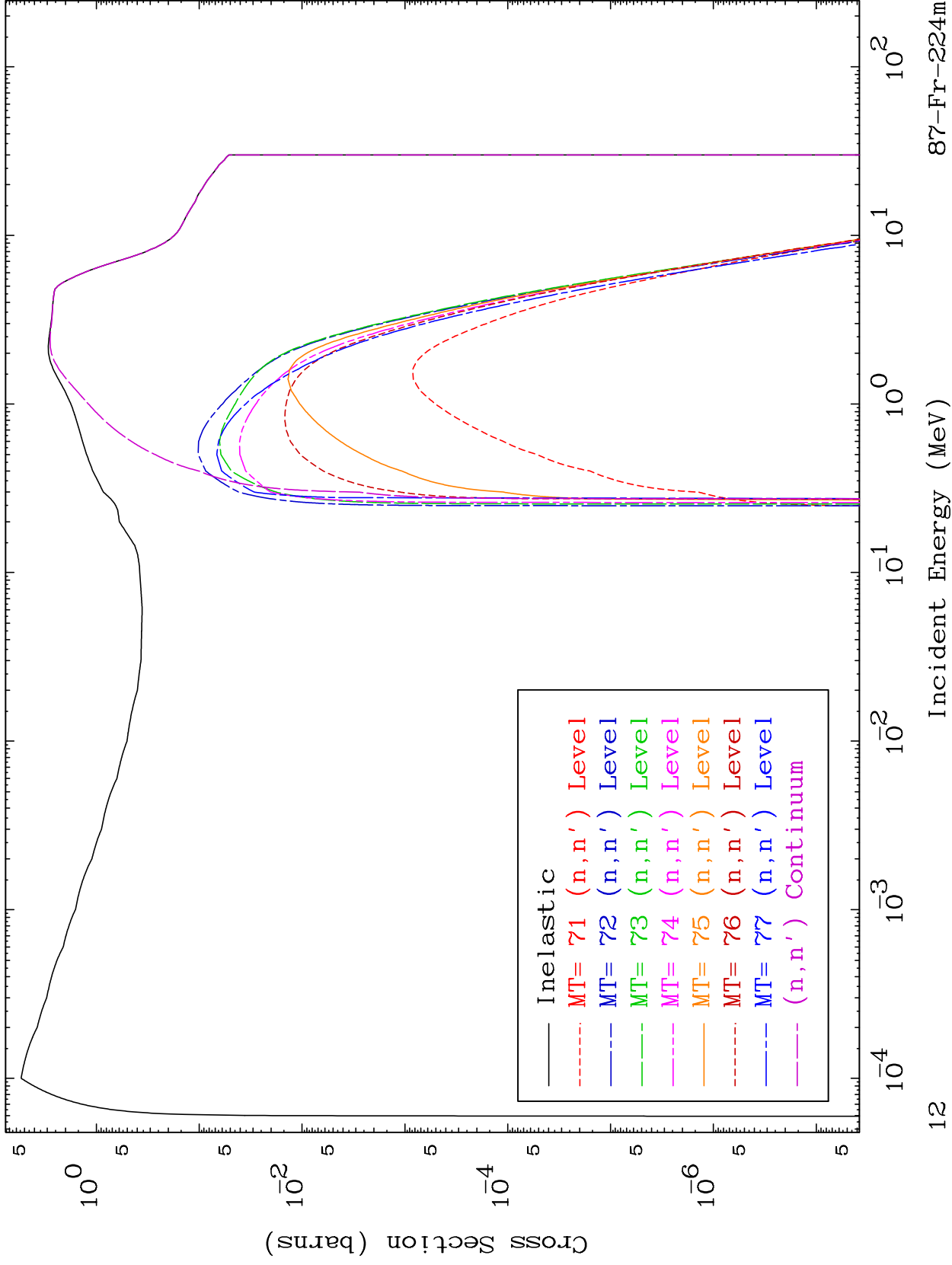
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(n,n') Levels  
293 Kelvin Cross Sections

87-Fr-224m



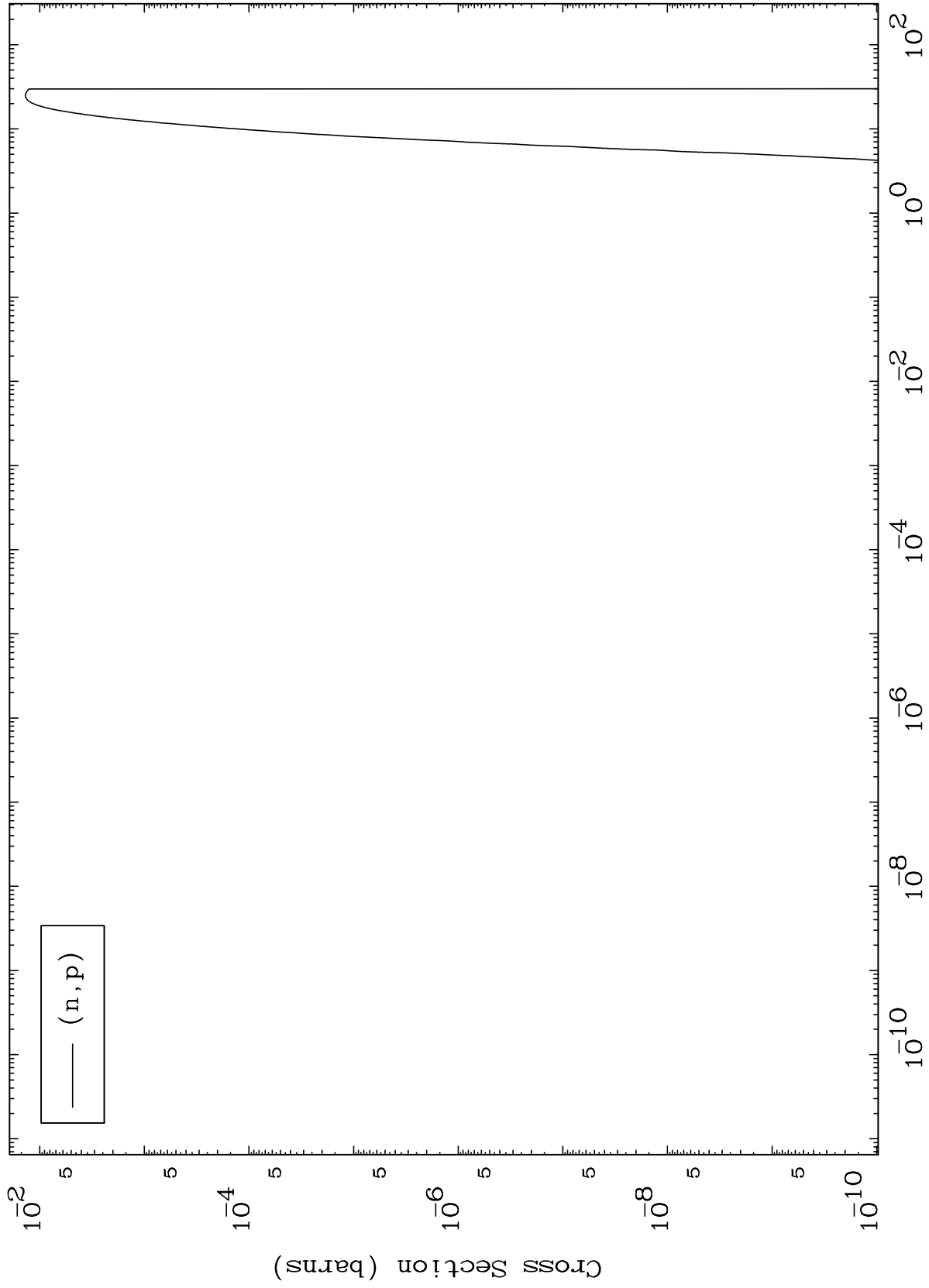
12

87-Fr-224m

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(n,p) Levels  
293 Kelvin Cross Sections

87-Fr-224m



13

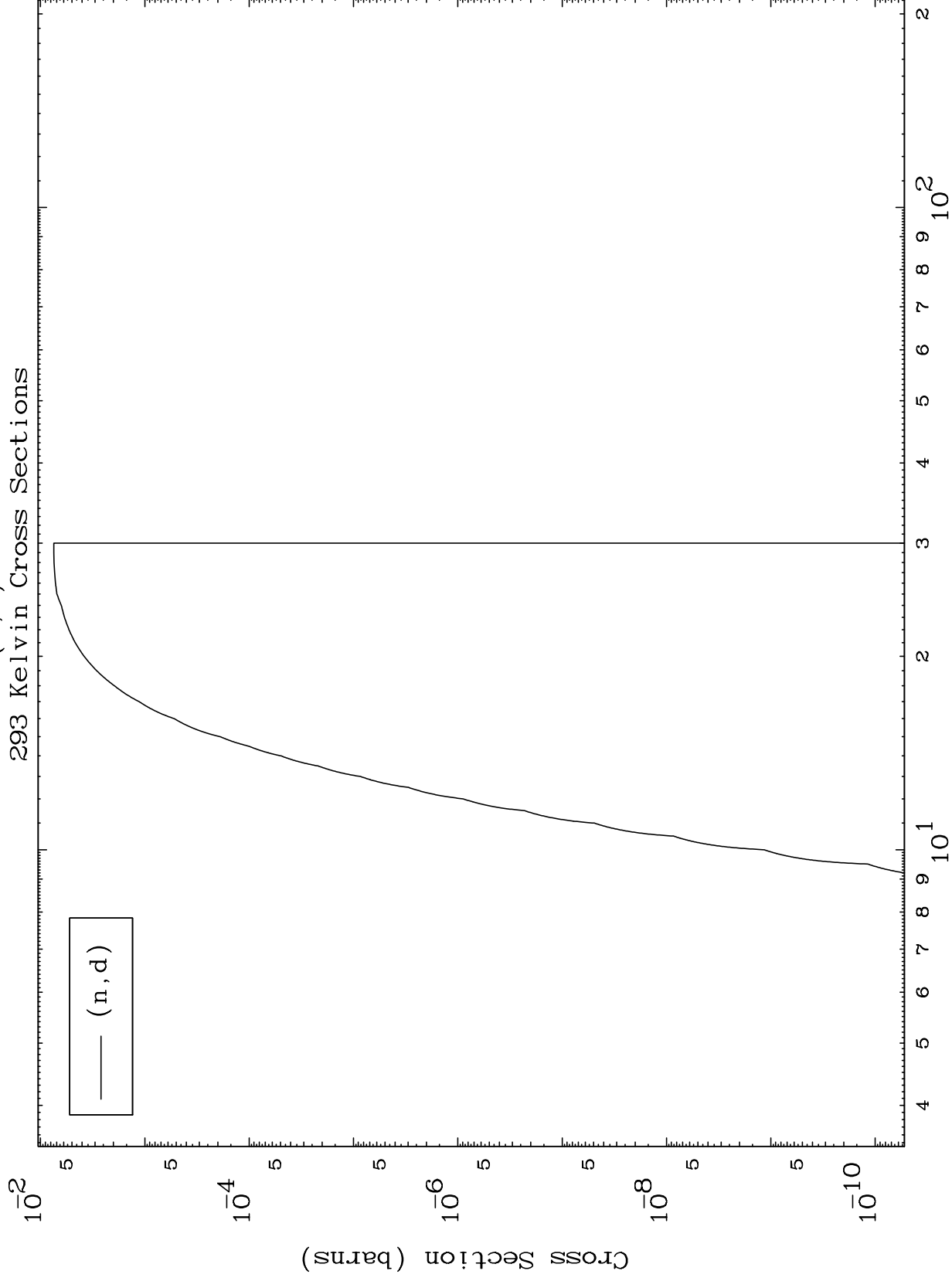
Incident Energy (MeV)

87-Fr-224m

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(n,d) Levels  
293 Kelvin Cross Sections

87-Fr-224m



14

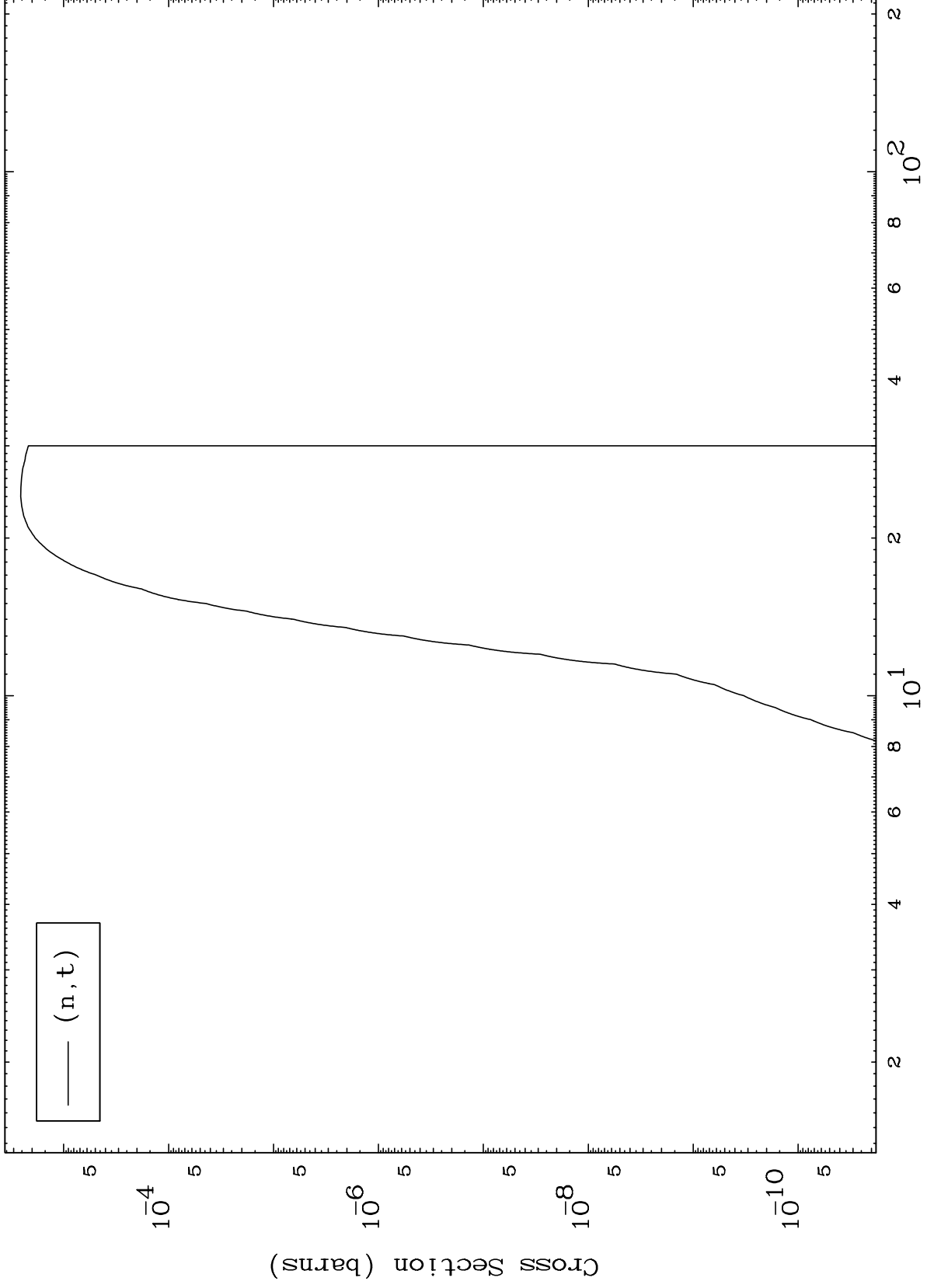
Incident Energy (MeV)

87-Fr-224m

MAT 8762

(n,t) Levels  
293 Kelvin Cross Sections

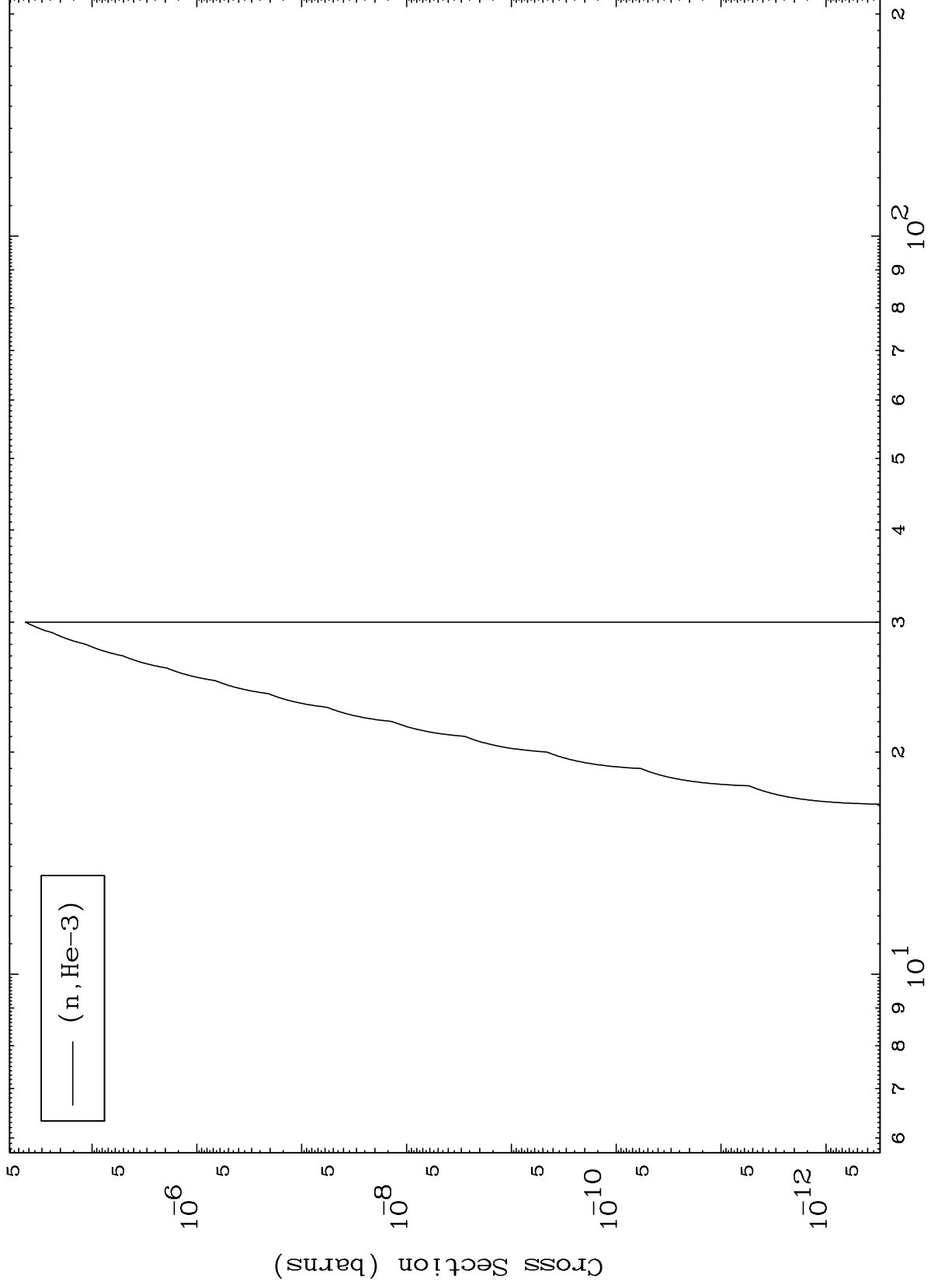
87-Fr-224m



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(n,He3) Levels  
293 Kelvin Cross Sections

87-Fr-224m



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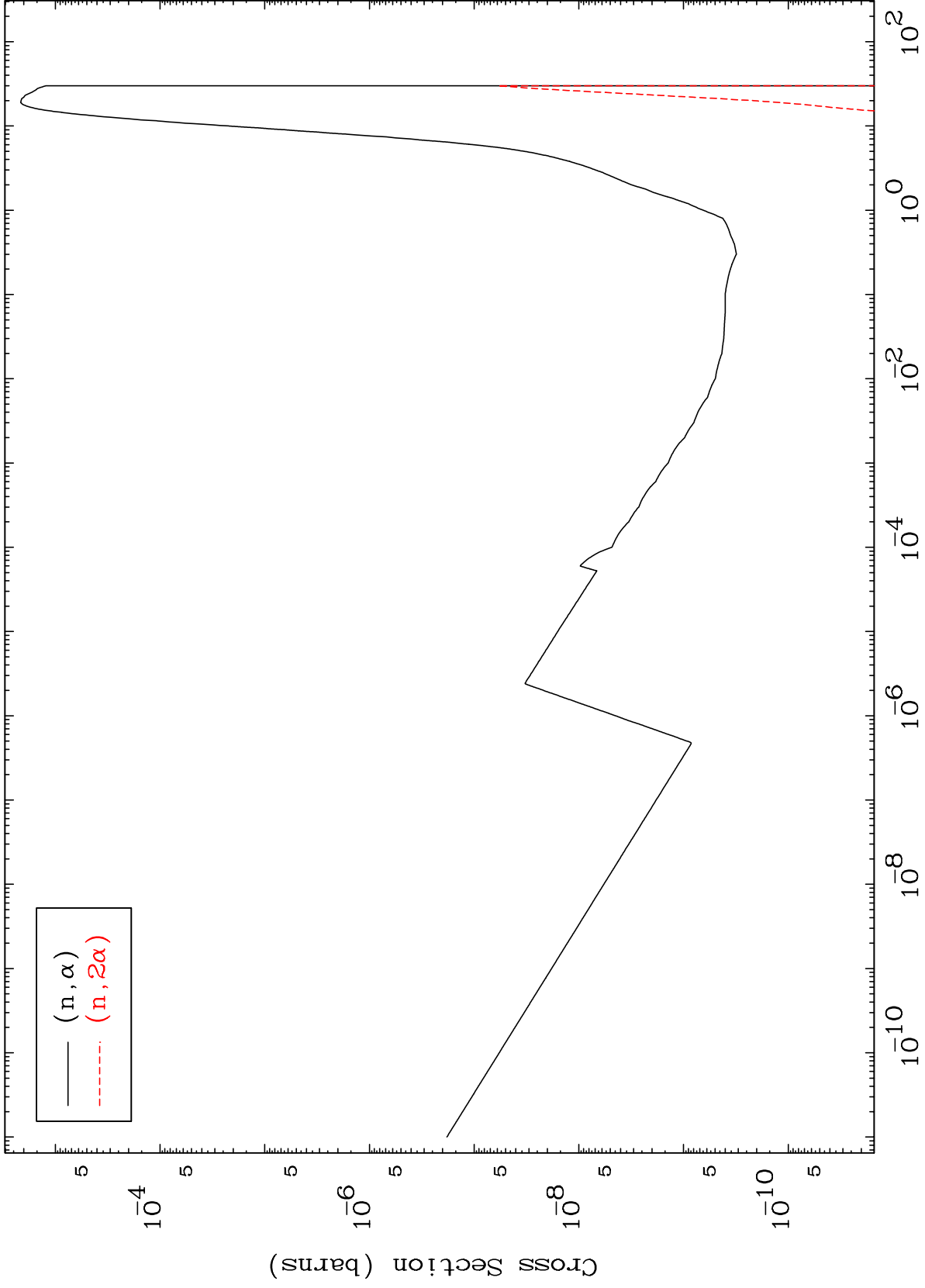
Incident Energy (MeV)

87-Fr-224m

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

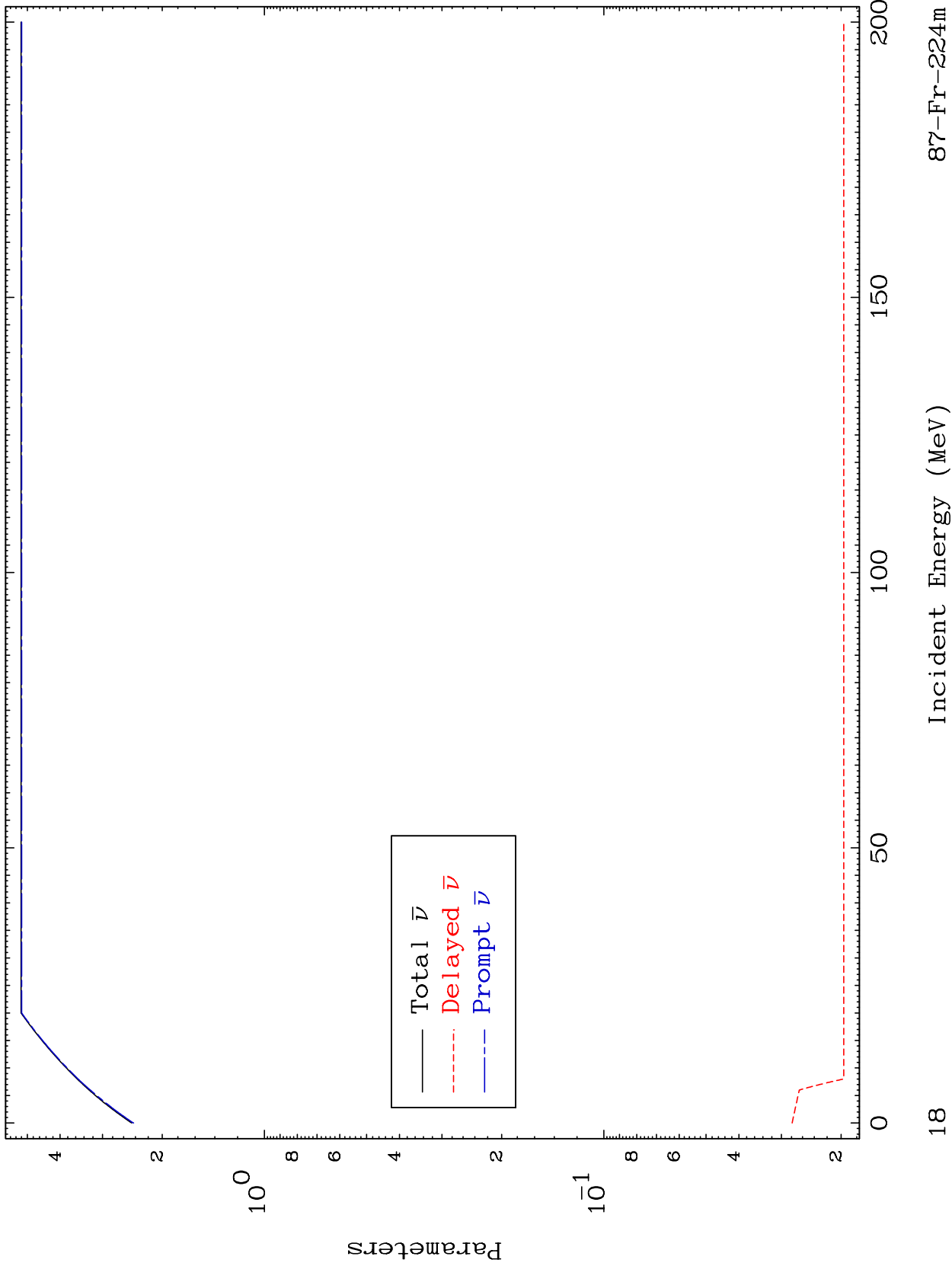
87-Fr-224m



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Energy Release  
Parameters

87-Fr-224m



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Incident Energy (MeV)

87-Fr-224m



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Elastic  
Legendre Coefficients

87-Fr-224m



20

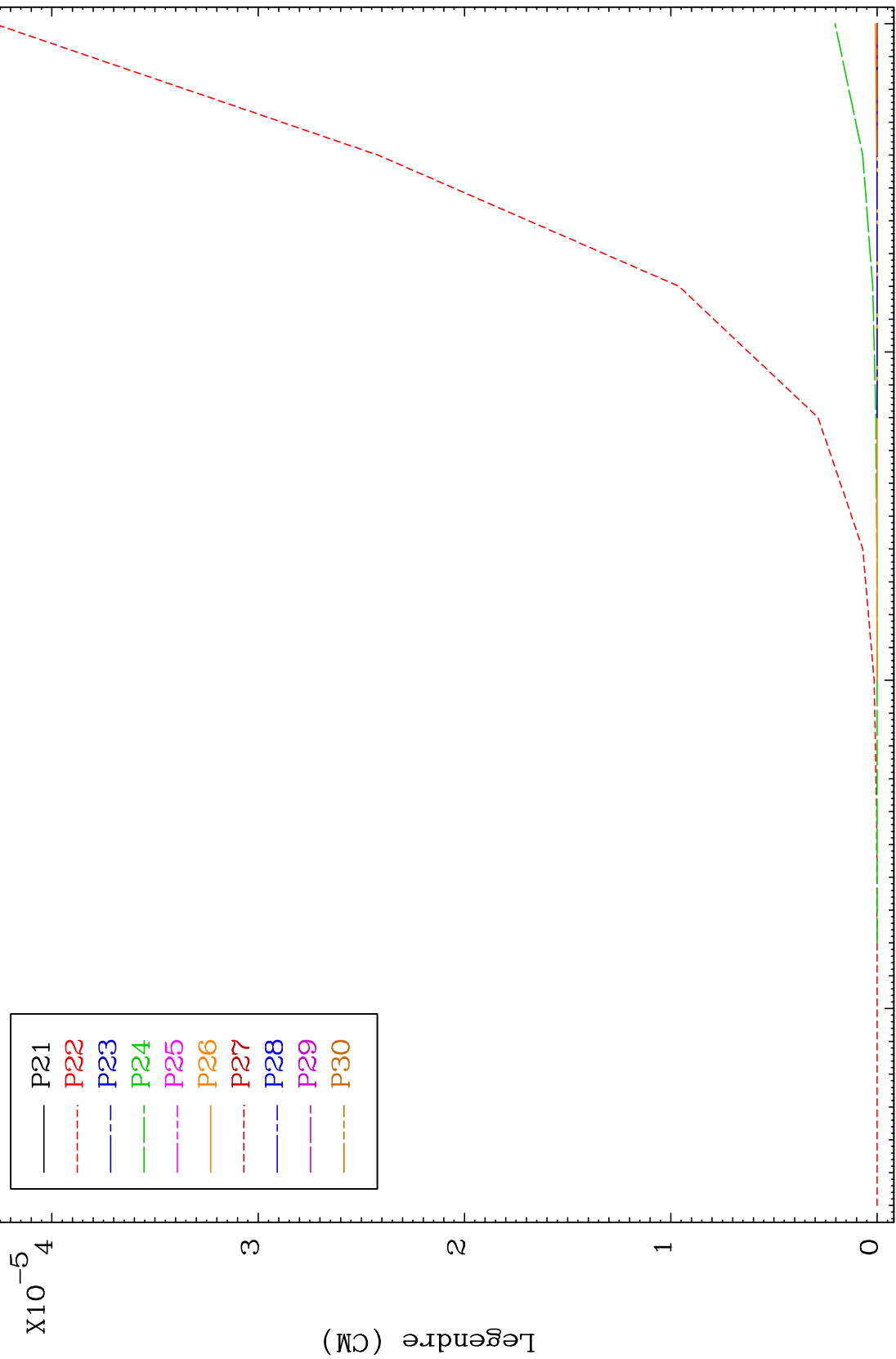
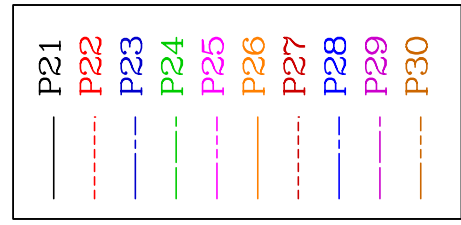
Incident Energy (MeV)

87-Fr-224m

MAT 8762

Elastic  
Legendre Coefficients

87-Fr-224m



21

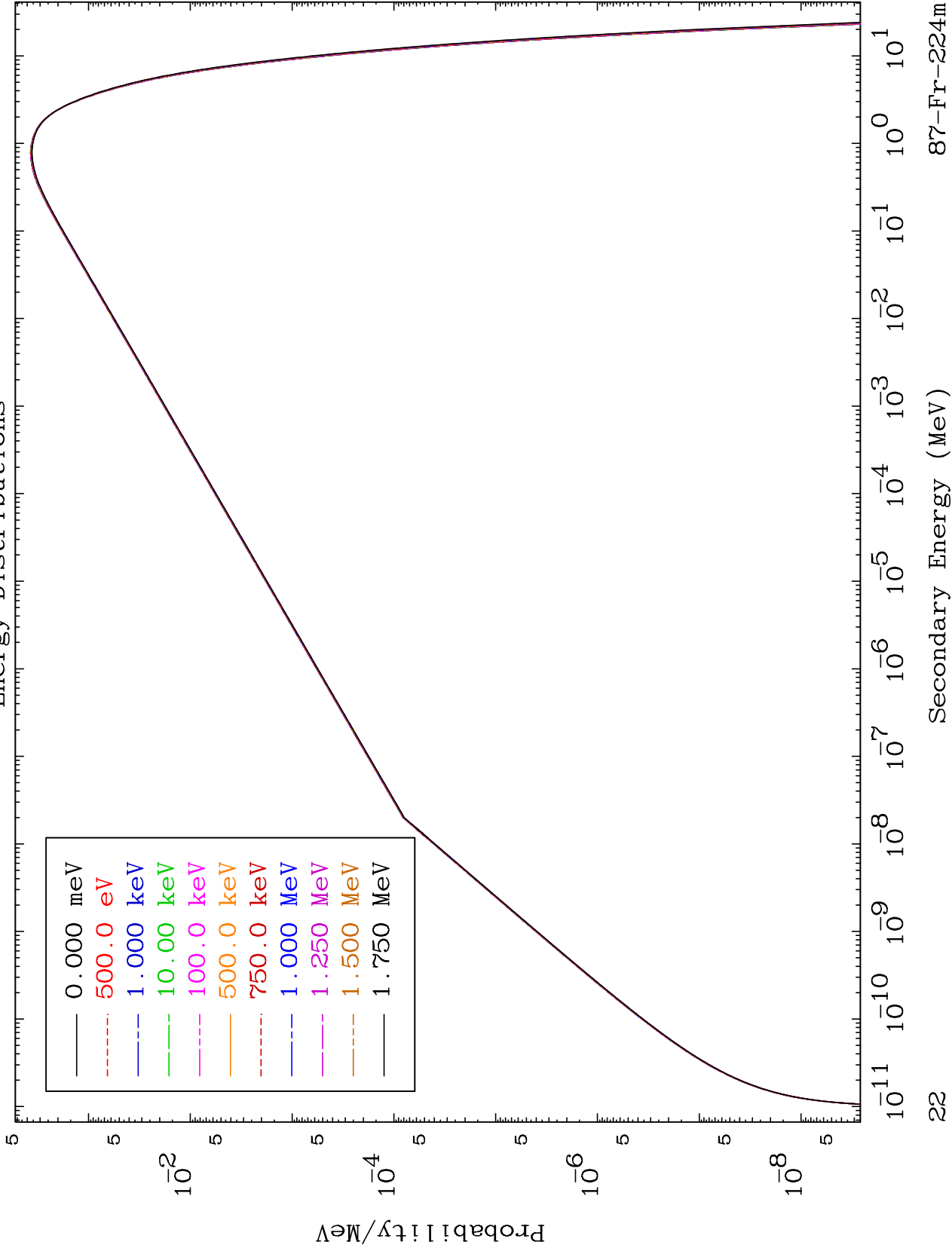
Incident Energy (MeV)

87-Fr-224m

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### Fission Energy Distributions

<sup>87</sup>Fr-224m



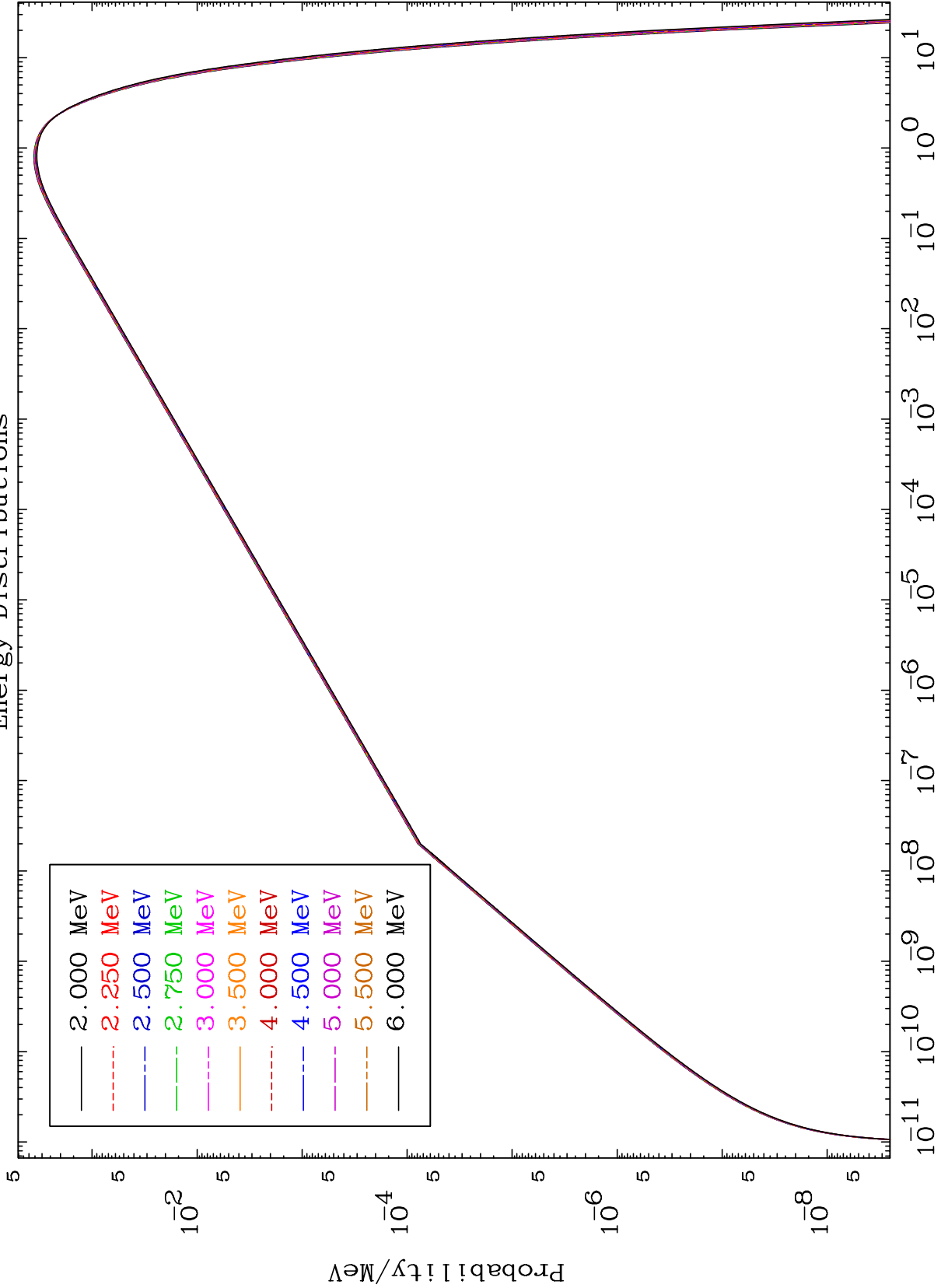
<sup>87</sup>Fr-224m

Secondary Energy (MeV)

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### Fission Energy Distributions

<sup>87</sup>Fr-224m



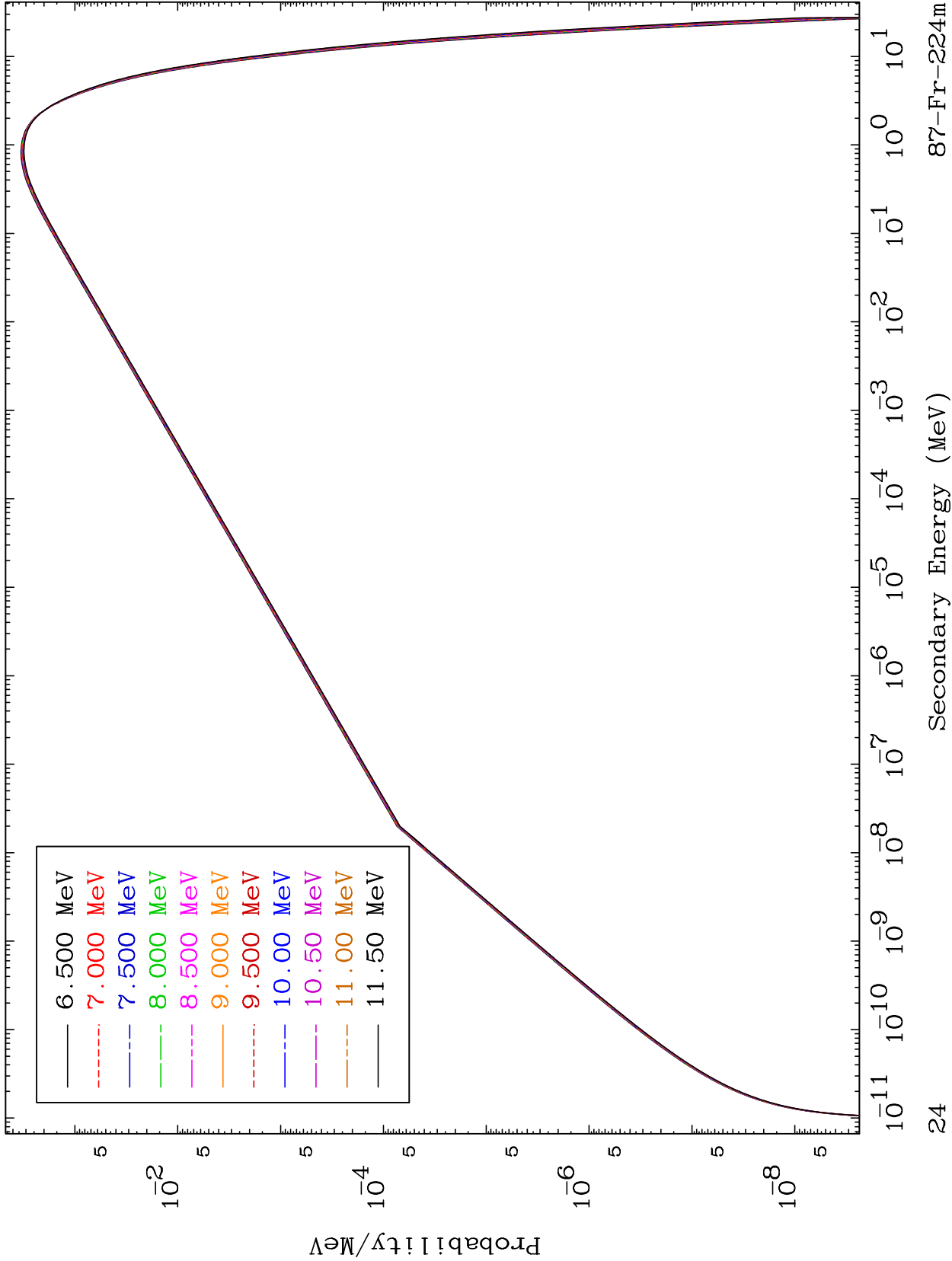
<sup>87</sup>Fr-224m

Secondary Energy (MeV)

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### Fission Energy Distributions

87-Fr-224m



87-Fr-224m

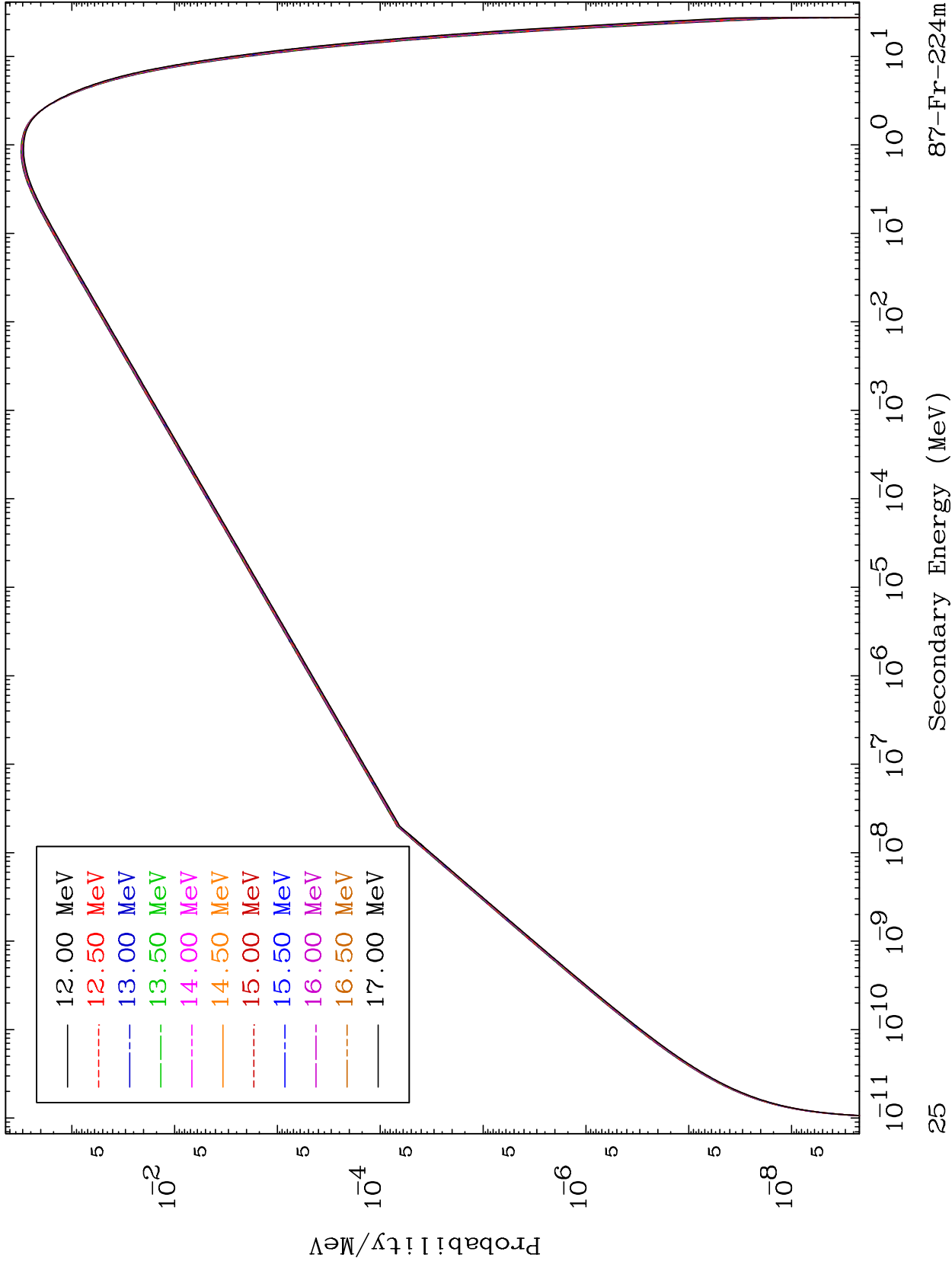
Secondary Energy (MeV)

24

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### Fission Energy Distributions

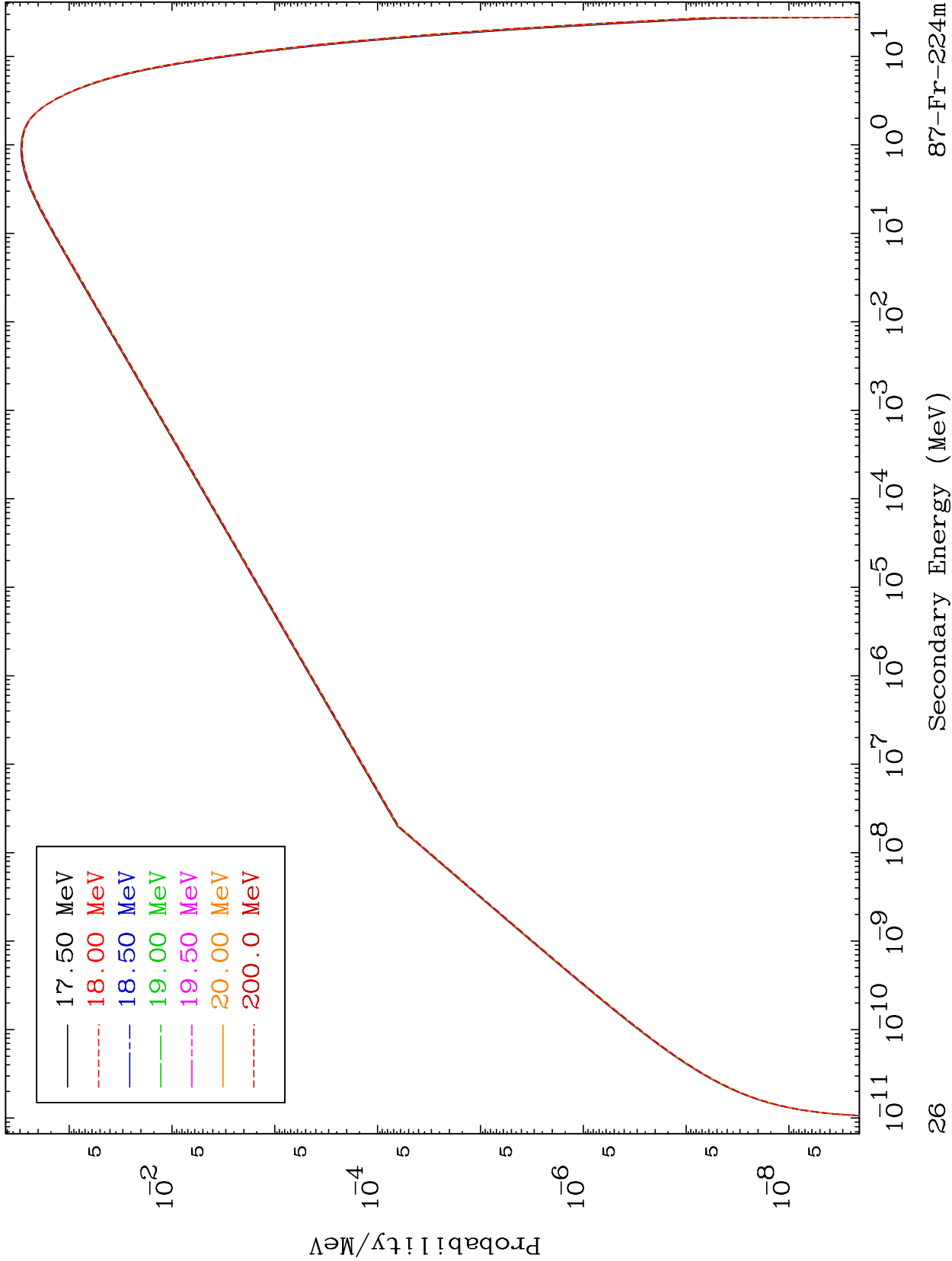
<sup>87</sup>Fr-224m



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### Fission Energy Distributions

87-Fr-224m



87-Fr-224m

Secondary Energy (MeV)

26

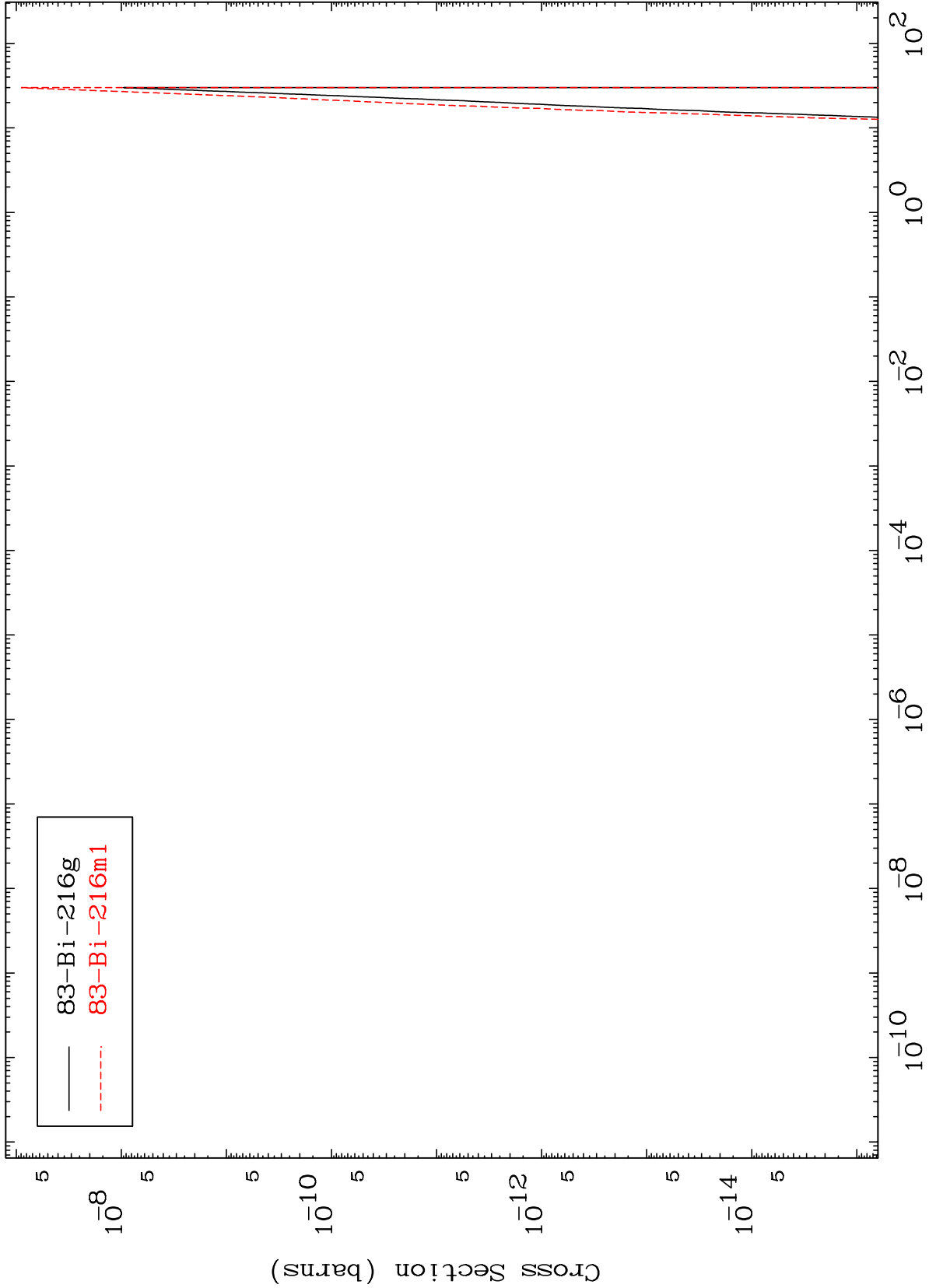


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(n,n') 2 $\alpha$

87-Fr-224m

Radionuclide Production Cross Section



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(n,2n) 2 $\alpha$

87-Fr-224m

