

Program EVALPLOT  
(Version 2021-1)

by

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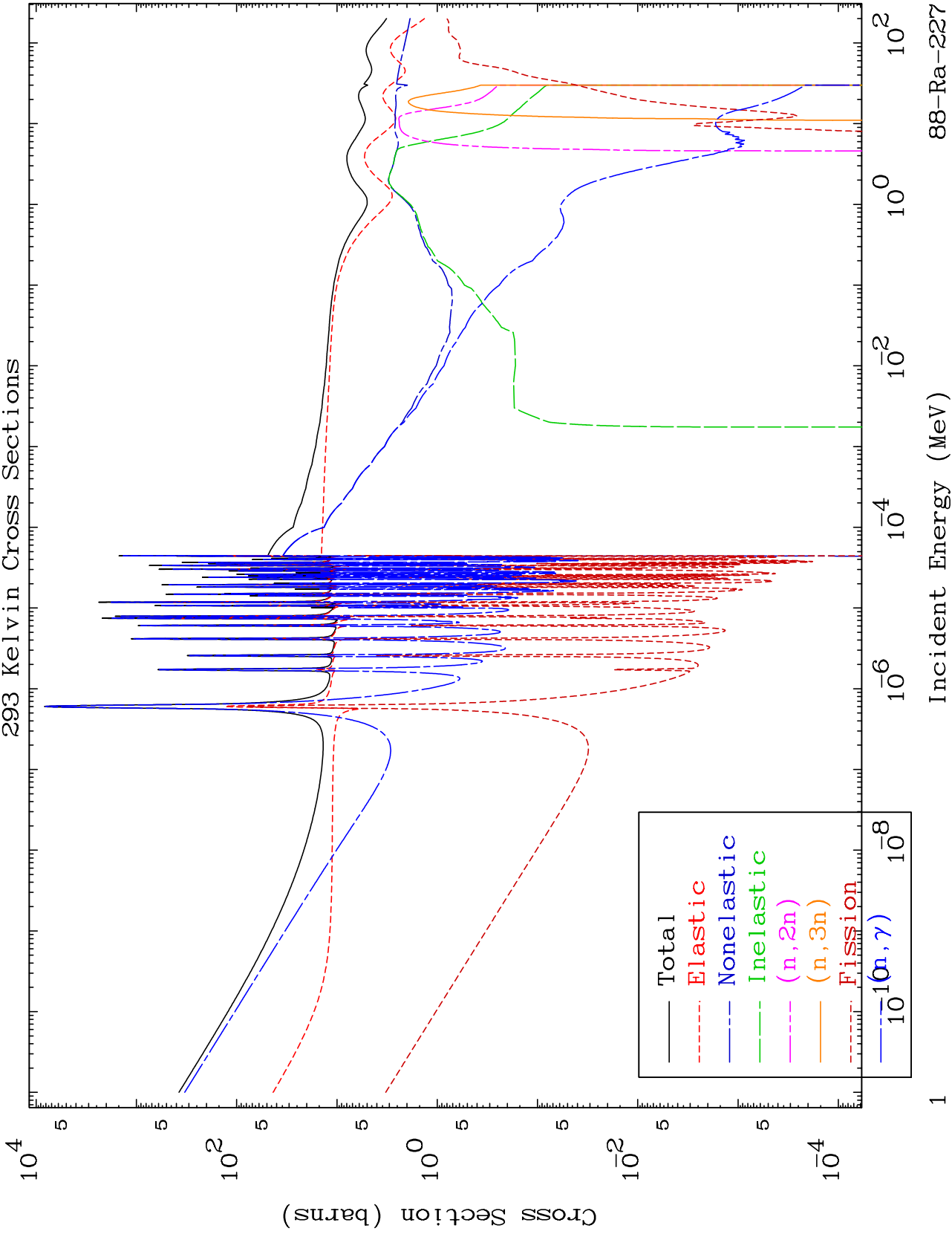
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Press Mouse Button to Start

MAT 8837

Neutron Major  
293 Kelvin Cross Sections

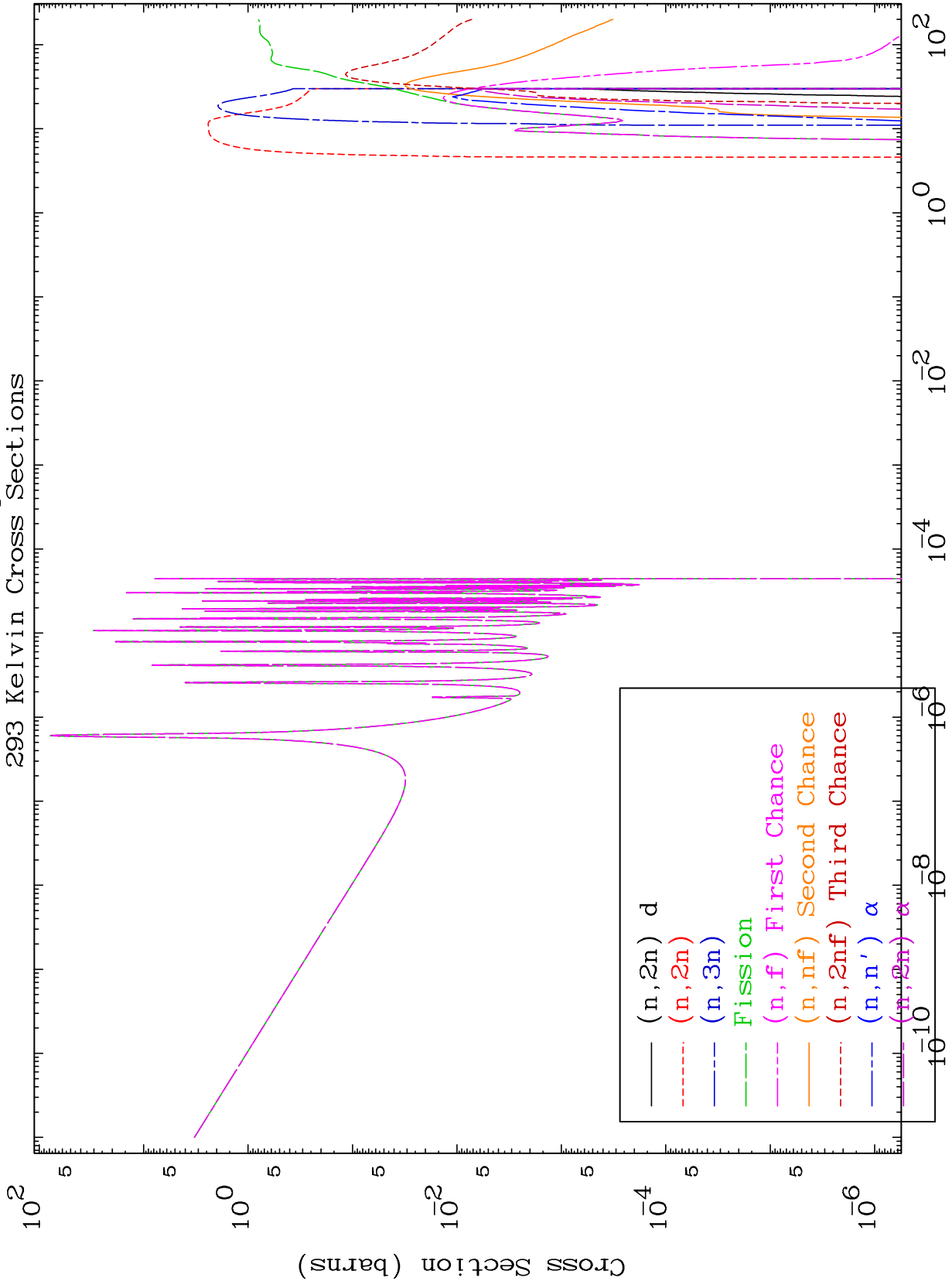
88-Ra-227



MAT 8837

Neutron Absorption  
293 Kelvin Cross Sections

88-Ra-227



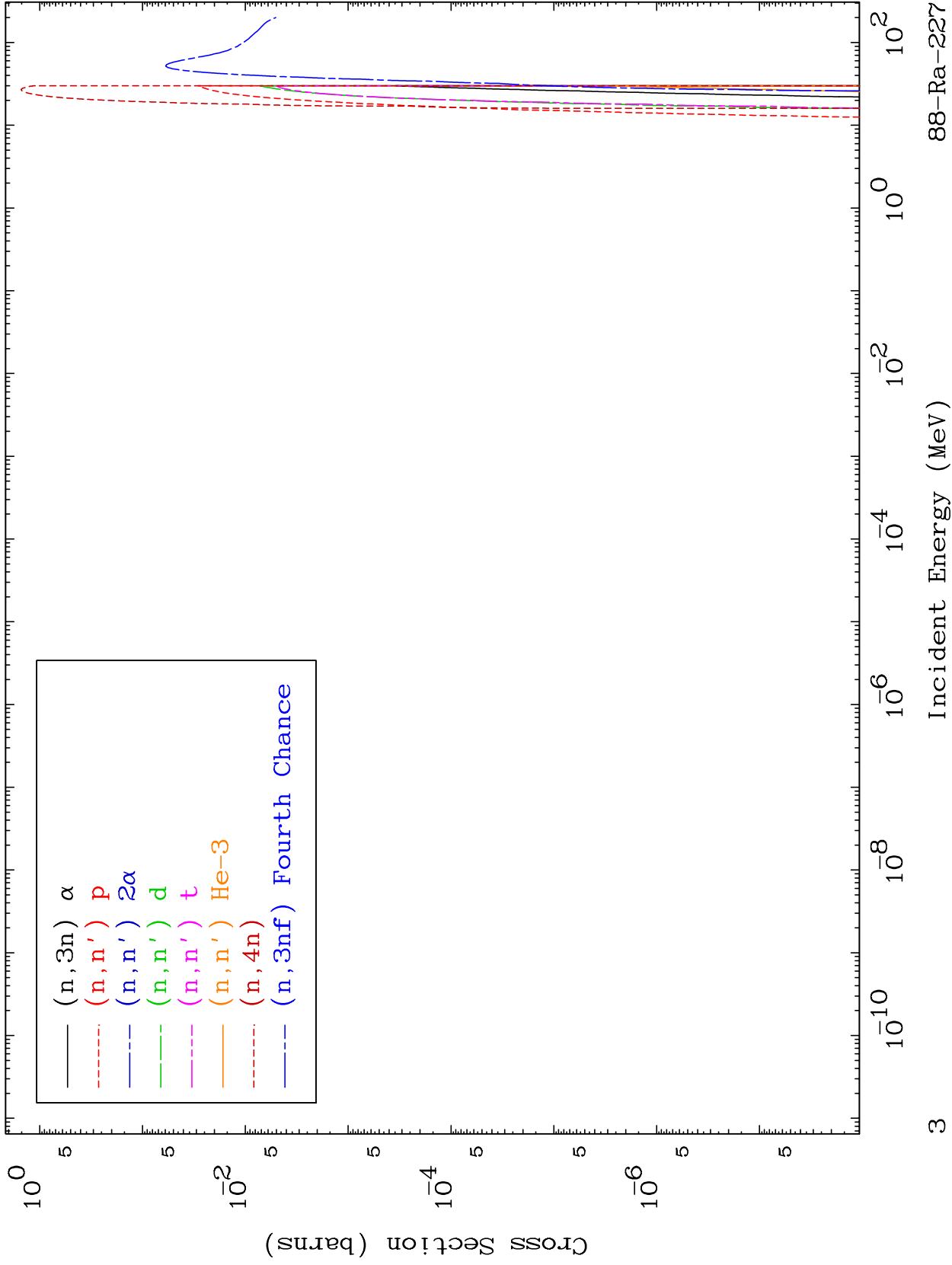
88-Ra-227

Incident Energy (MeV)

MAT 8837

Neutron Absorption  
293 Kelvin Cross Sections

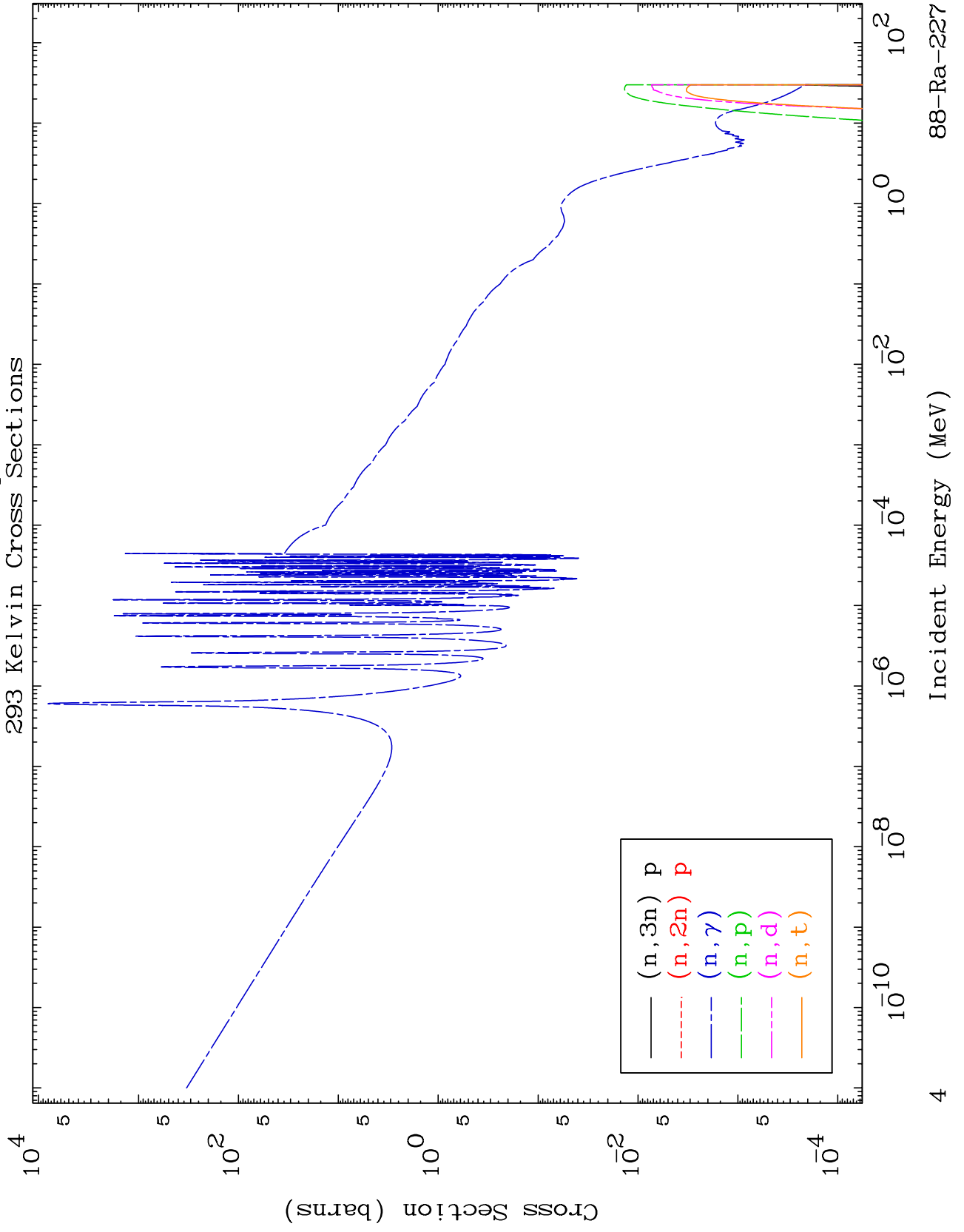
88-Ra-227



MAT 8837

Neutron Absorption  
293 Kelvin Cross Sections

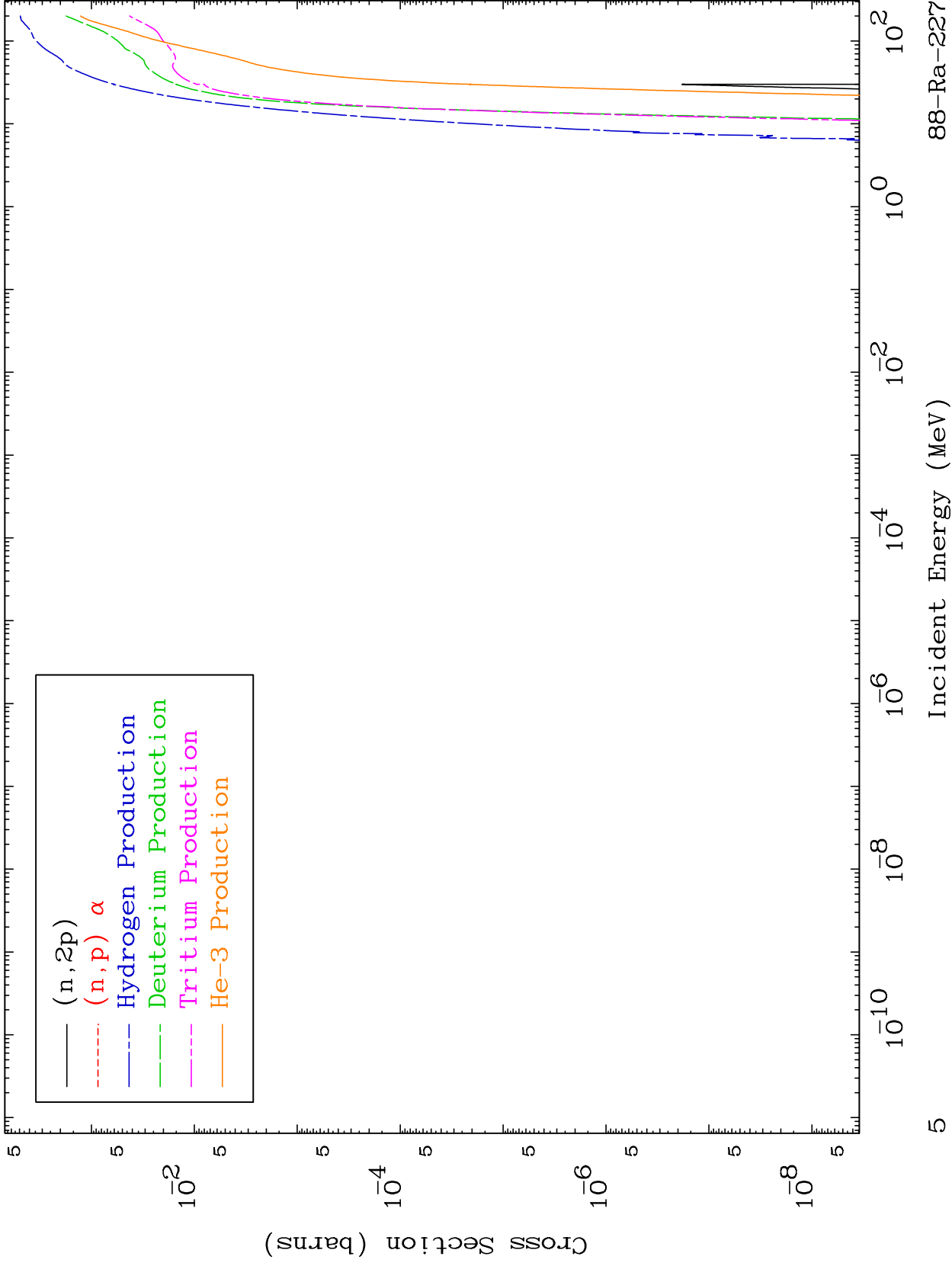
88-Ra-227



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Neutron Absorption  
293 Kelvin Cross Sections

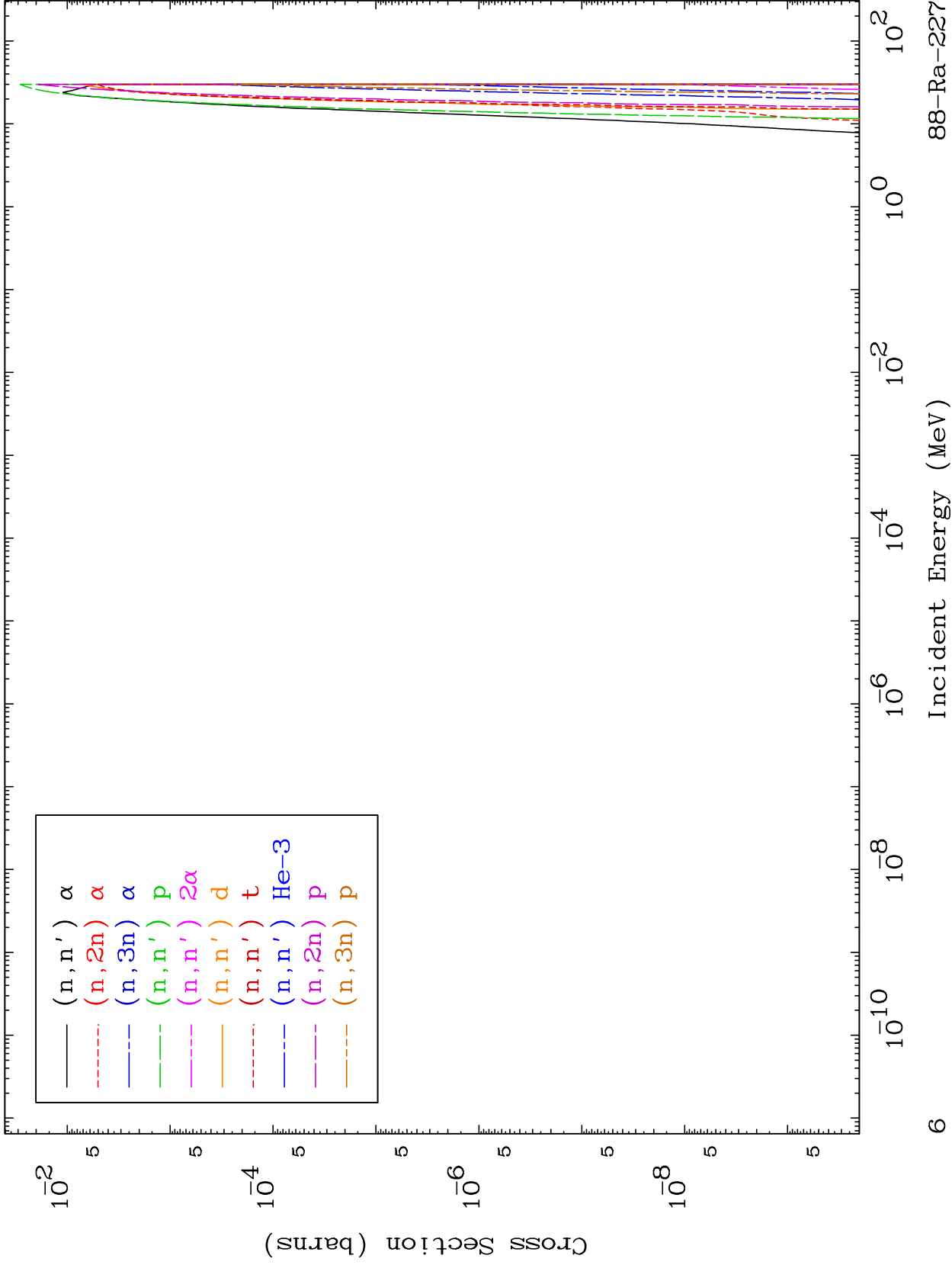
88-Ra-227



MAT 8837

Charged Particle  
293 Kelvin Cross Sections

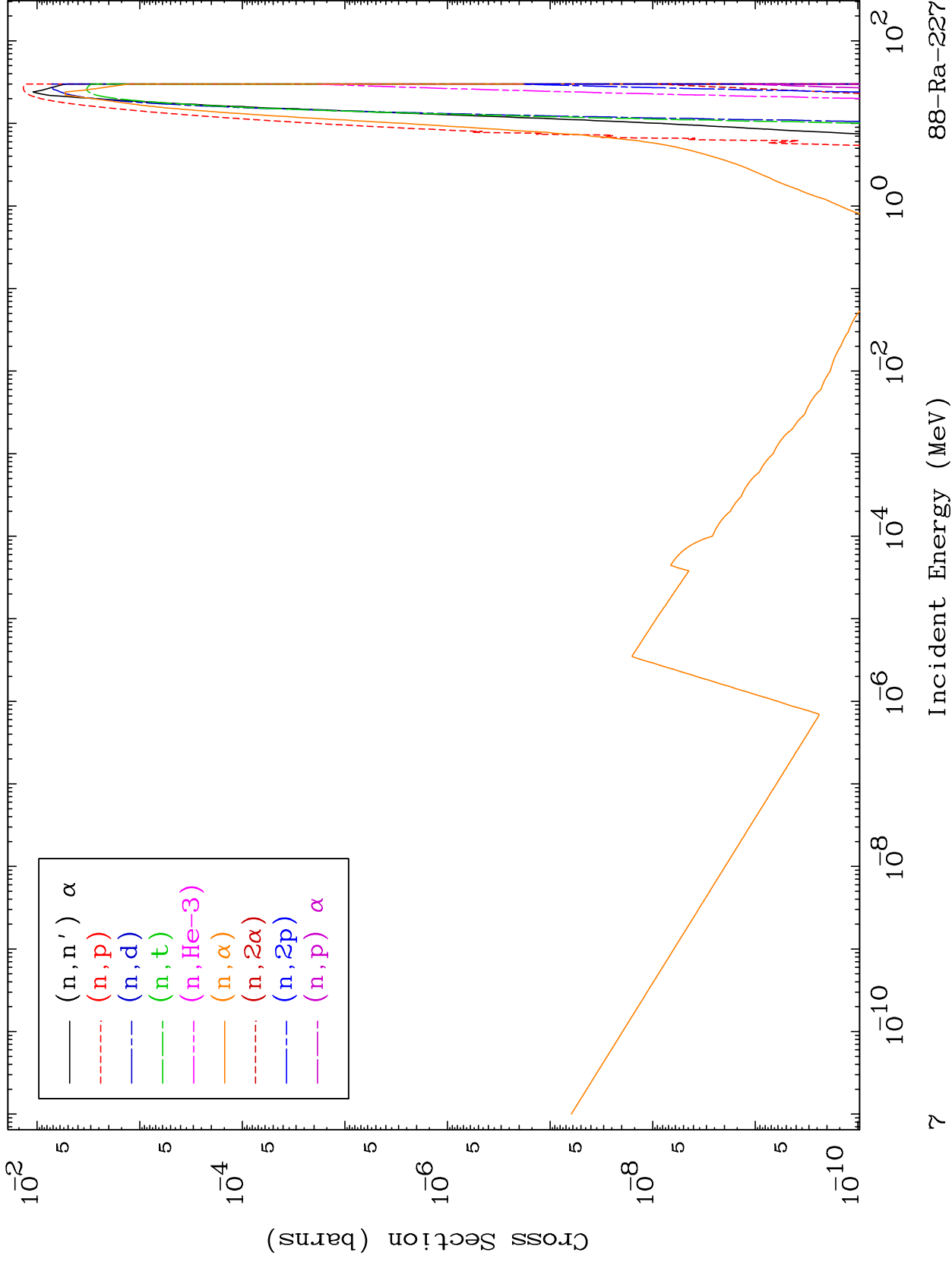
88-Ra-227



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Charged Particle  
293 Kelvin Cross Sections

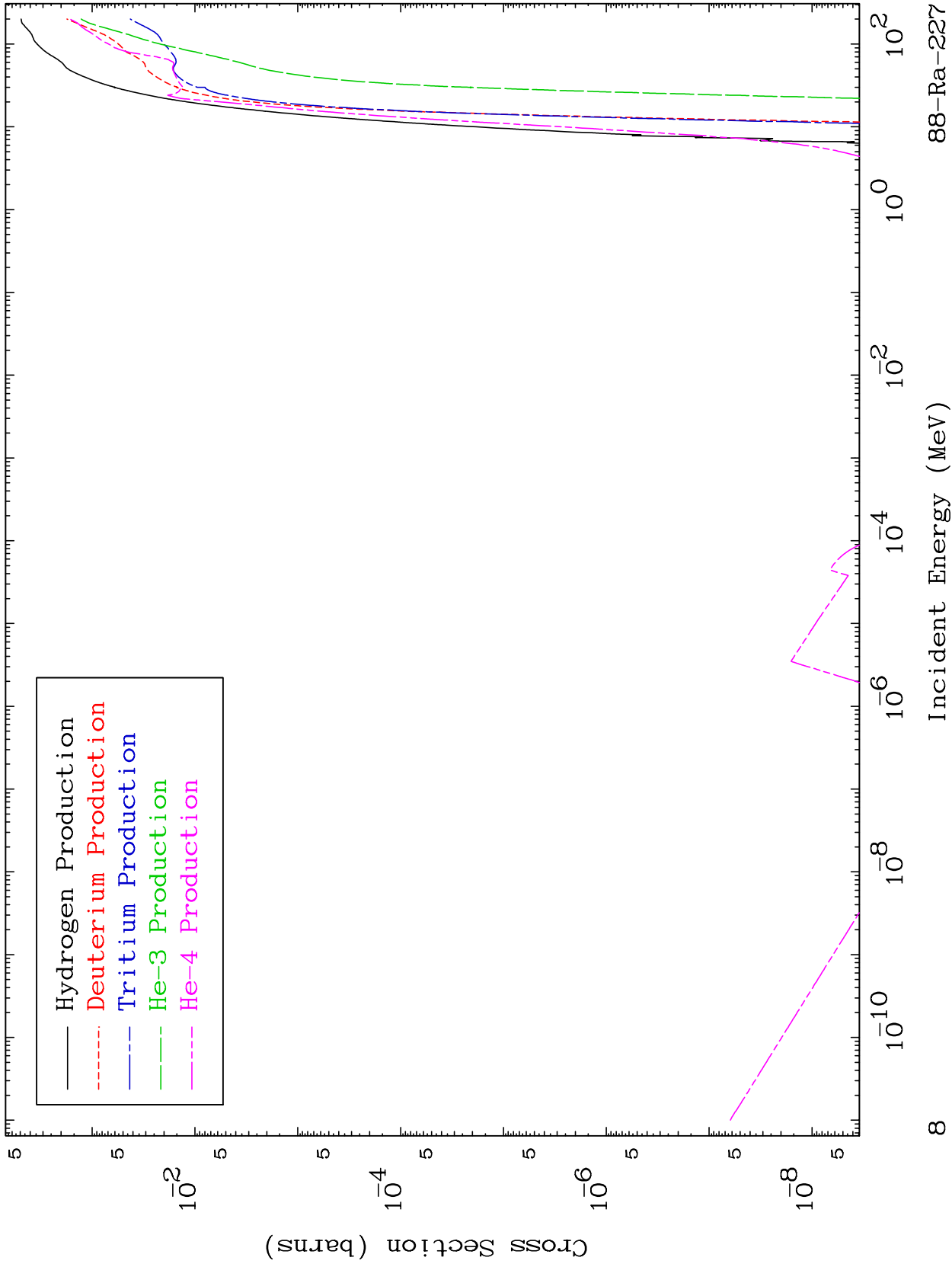
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Particle Production  
293 Kelvin Cross Sections

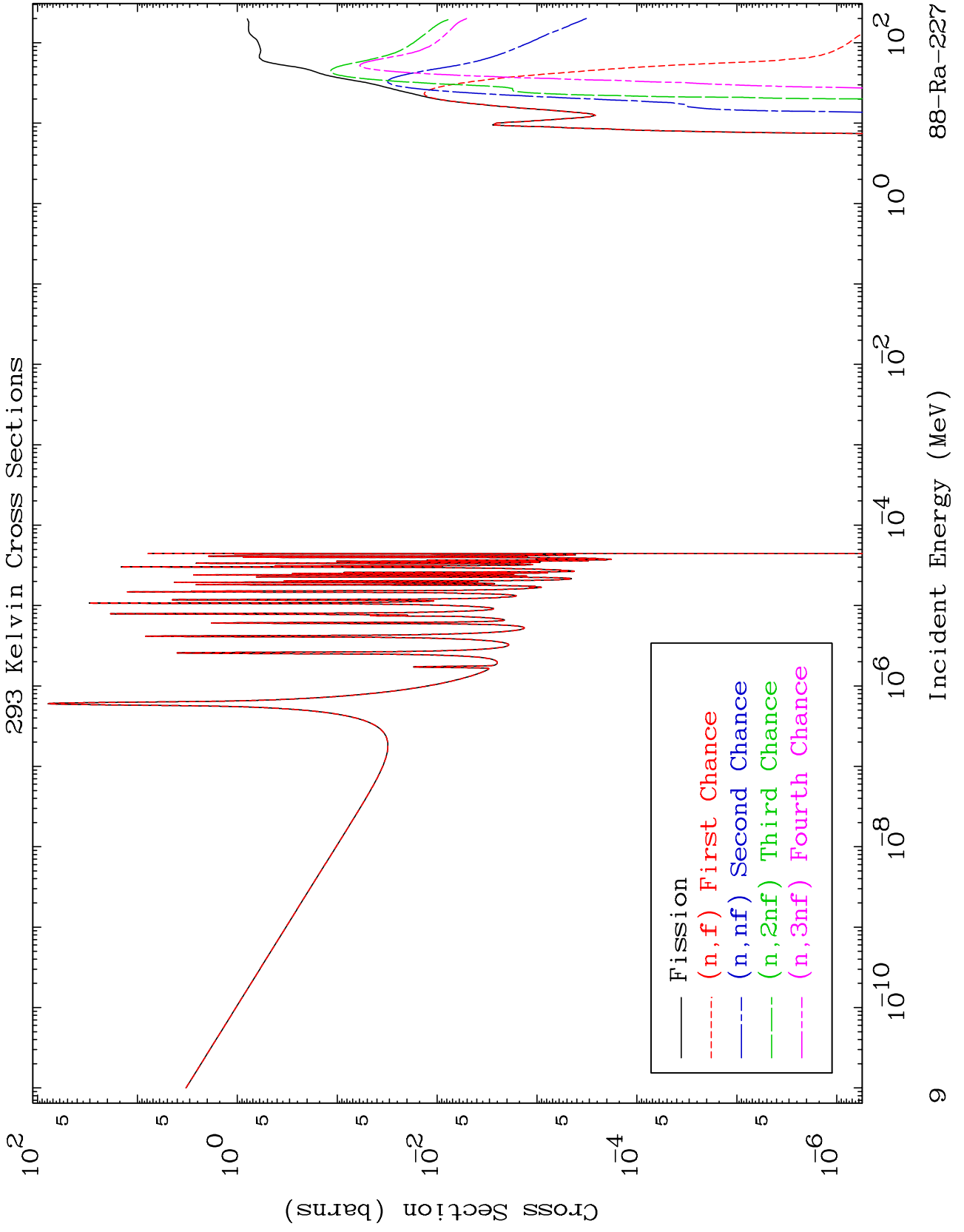
88-Ra-227



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Fission  
293 Kelvin Cross Sections

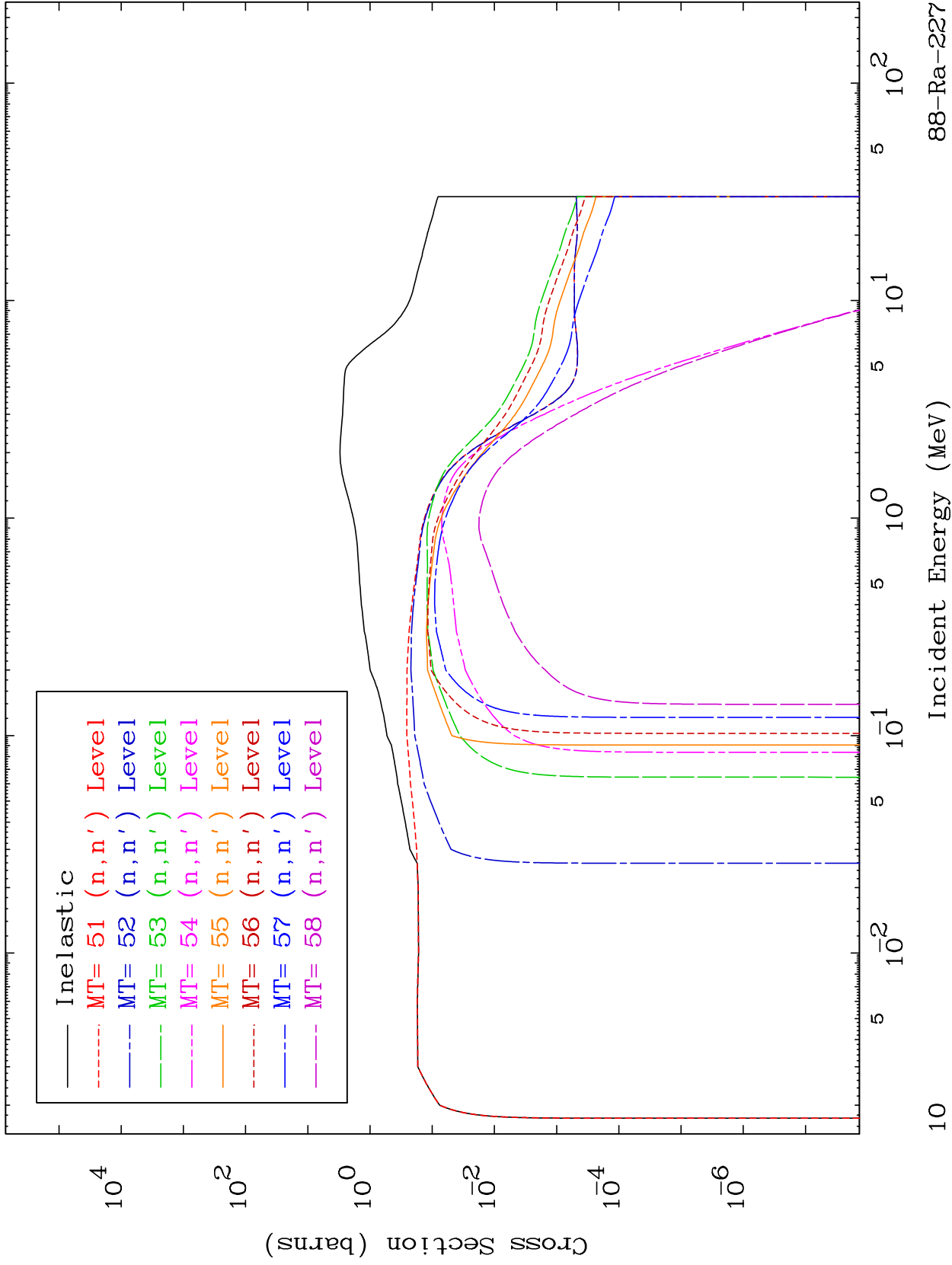
88-Ra-227



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(n,n') Levels  
293 Kelvin Cross Sections

88-Ra-227



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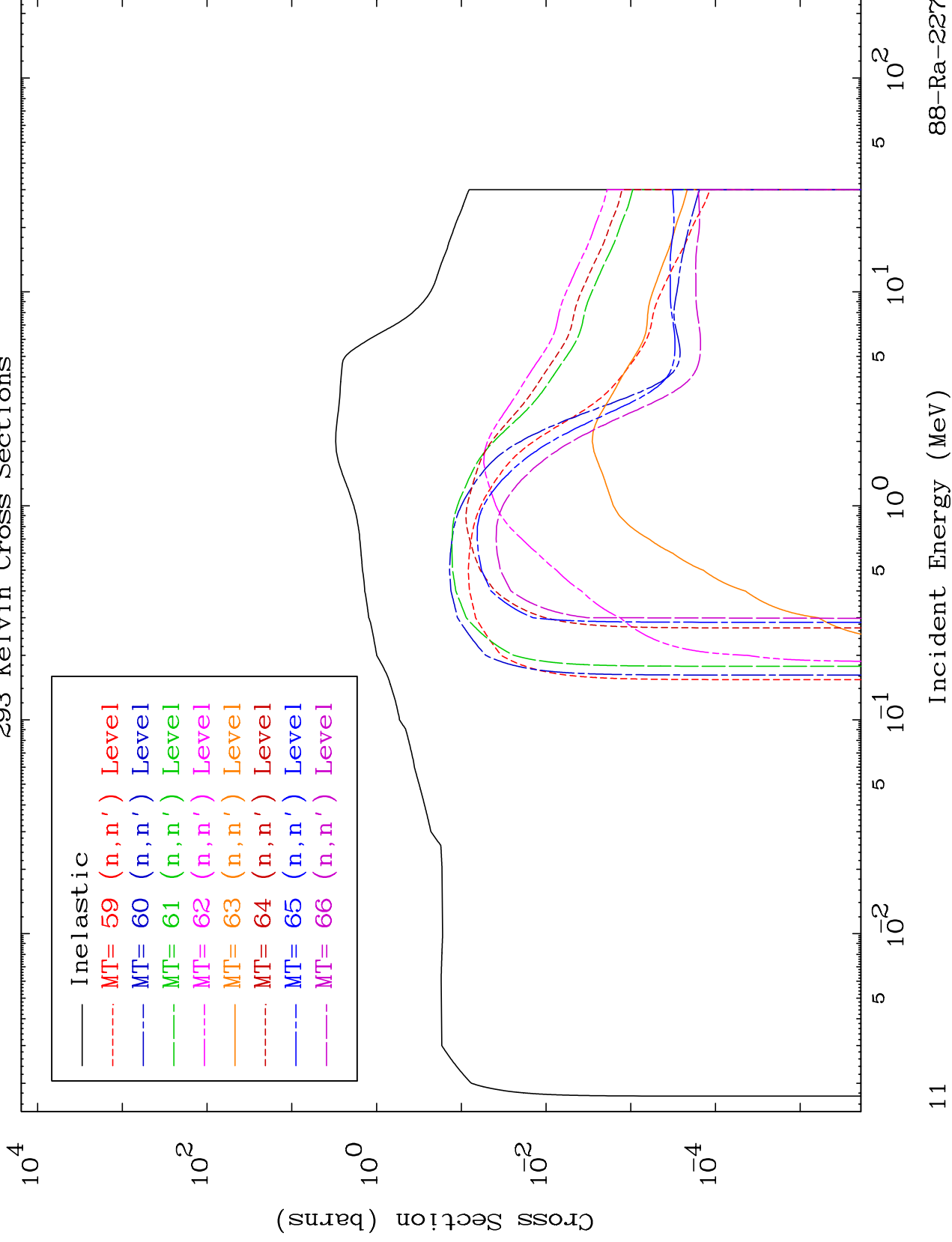
Incident Energy (MeV)

88-Ra-227

MAT 8837

(n,n') Levels  
293 Kelvin Cross Sections

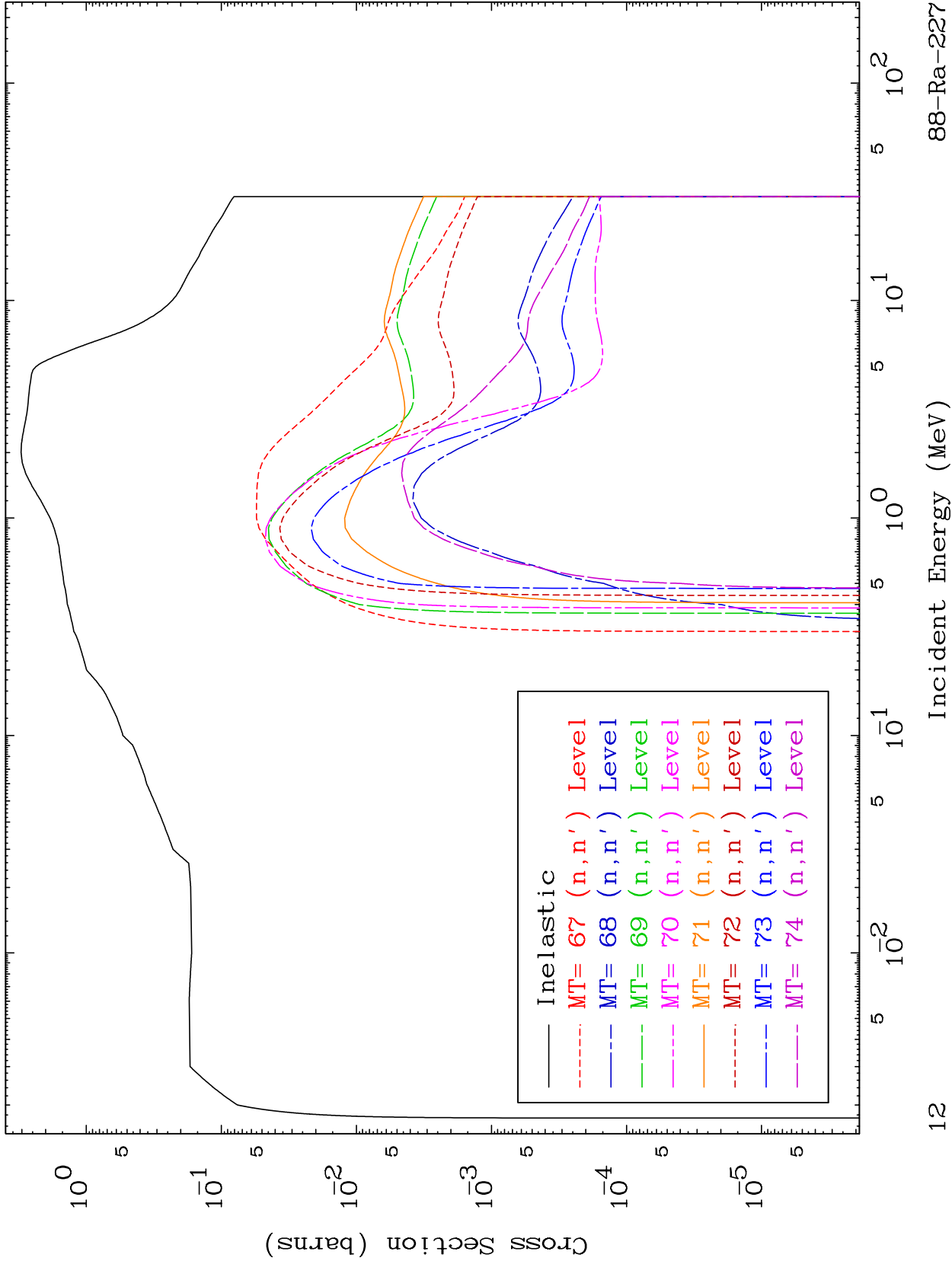
88-Ra-227



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(n,n') Levels  
293 Kelvin Cross Sections

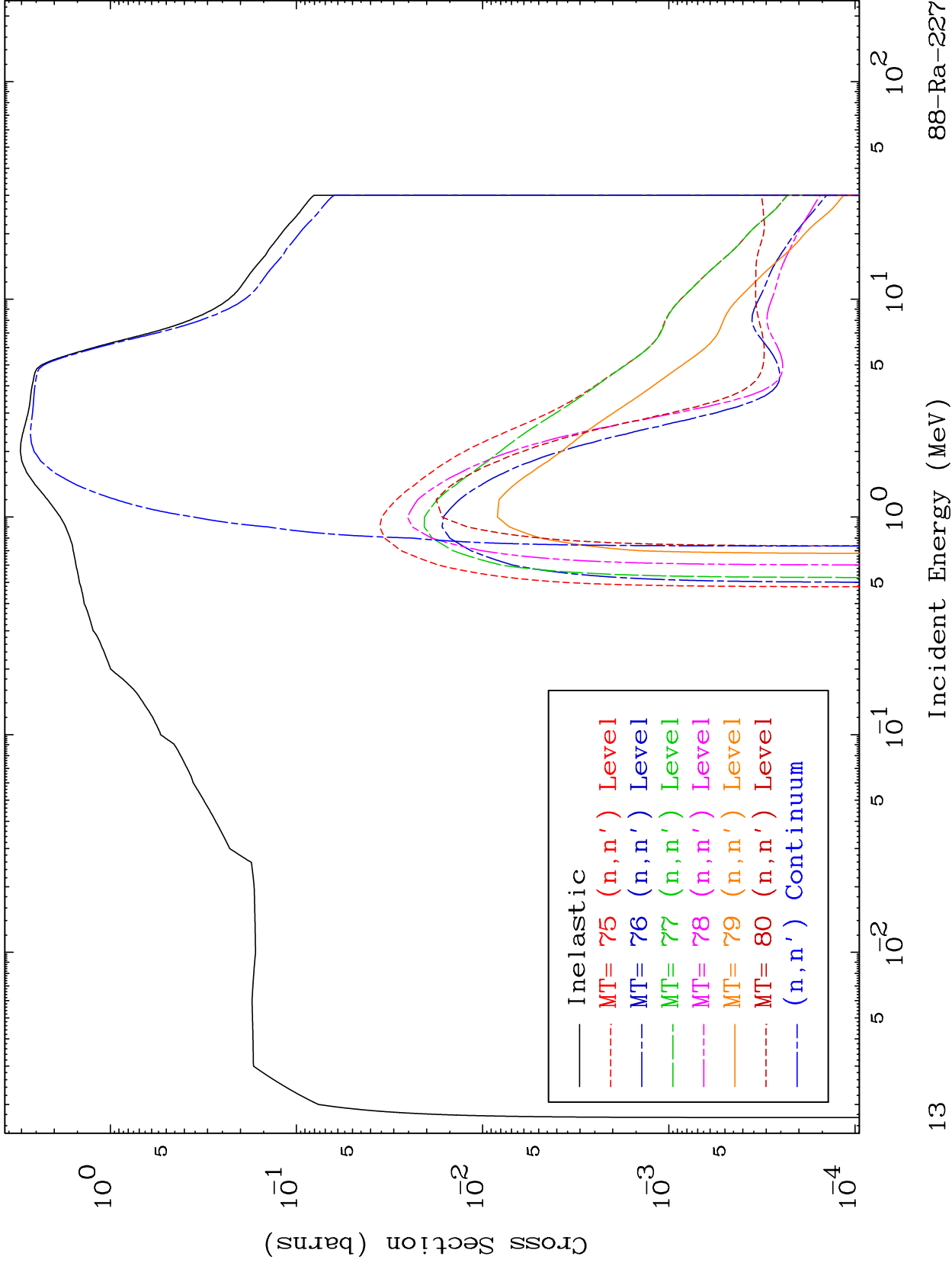
88-Ra-227



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293 Kelvin Cross Sections  
(n,n') Levels

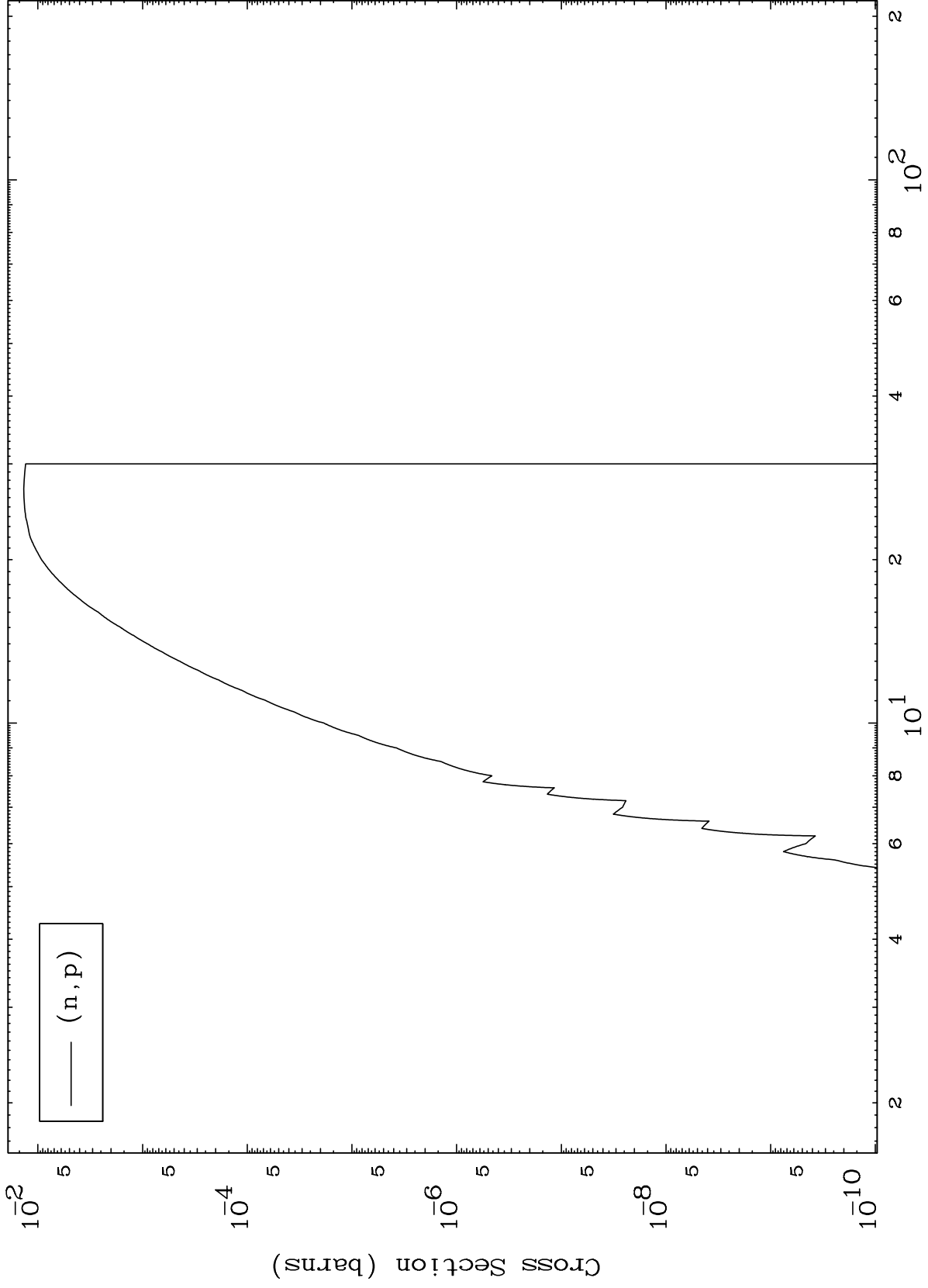
88-Ra-227



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(n,p) Levels  
293 Kelvin Cross Sections

88-Ra-227



14

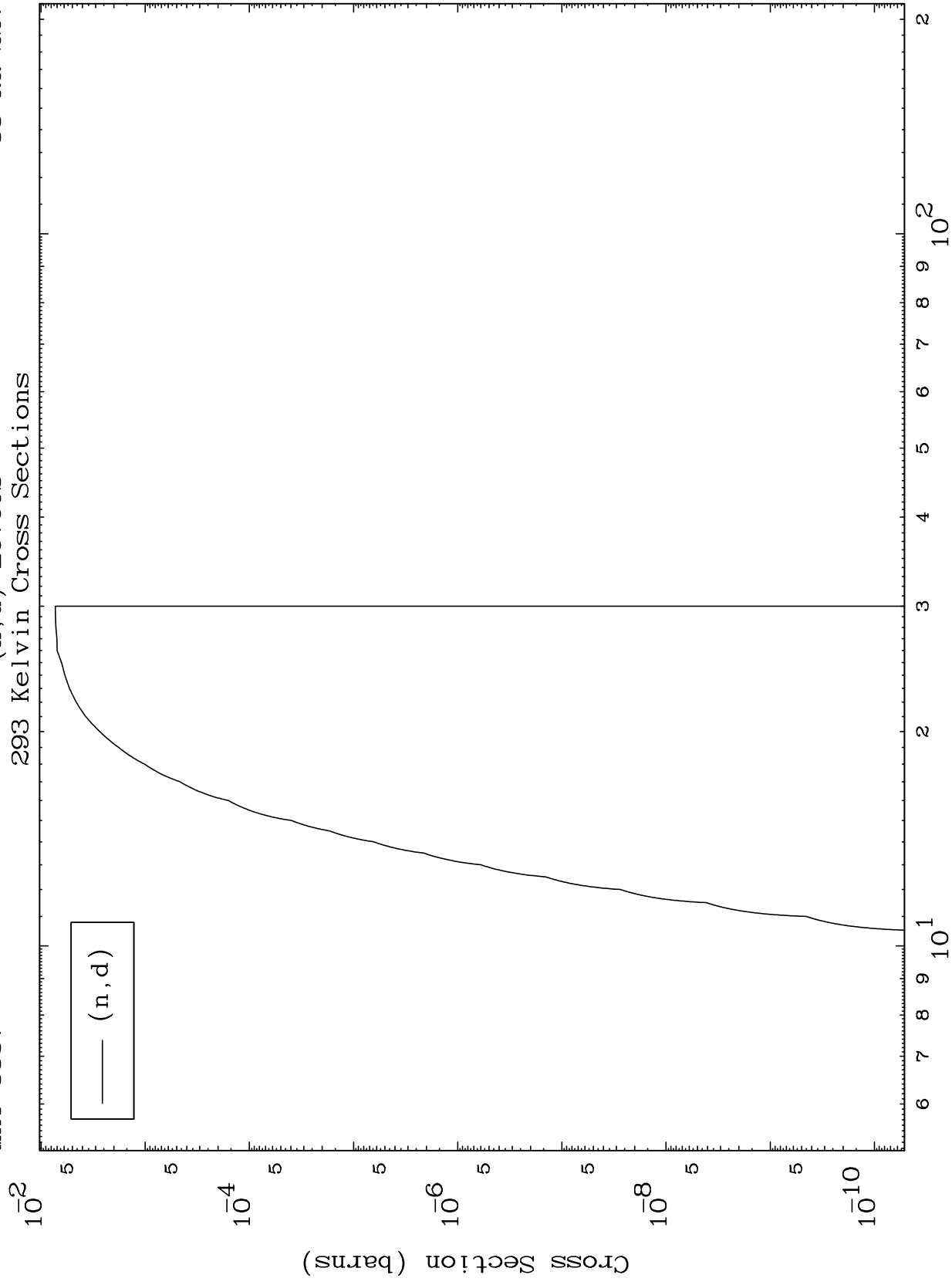
Incident Energy (MeV)

88-Ra-227

MAT 8837

(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-227



15

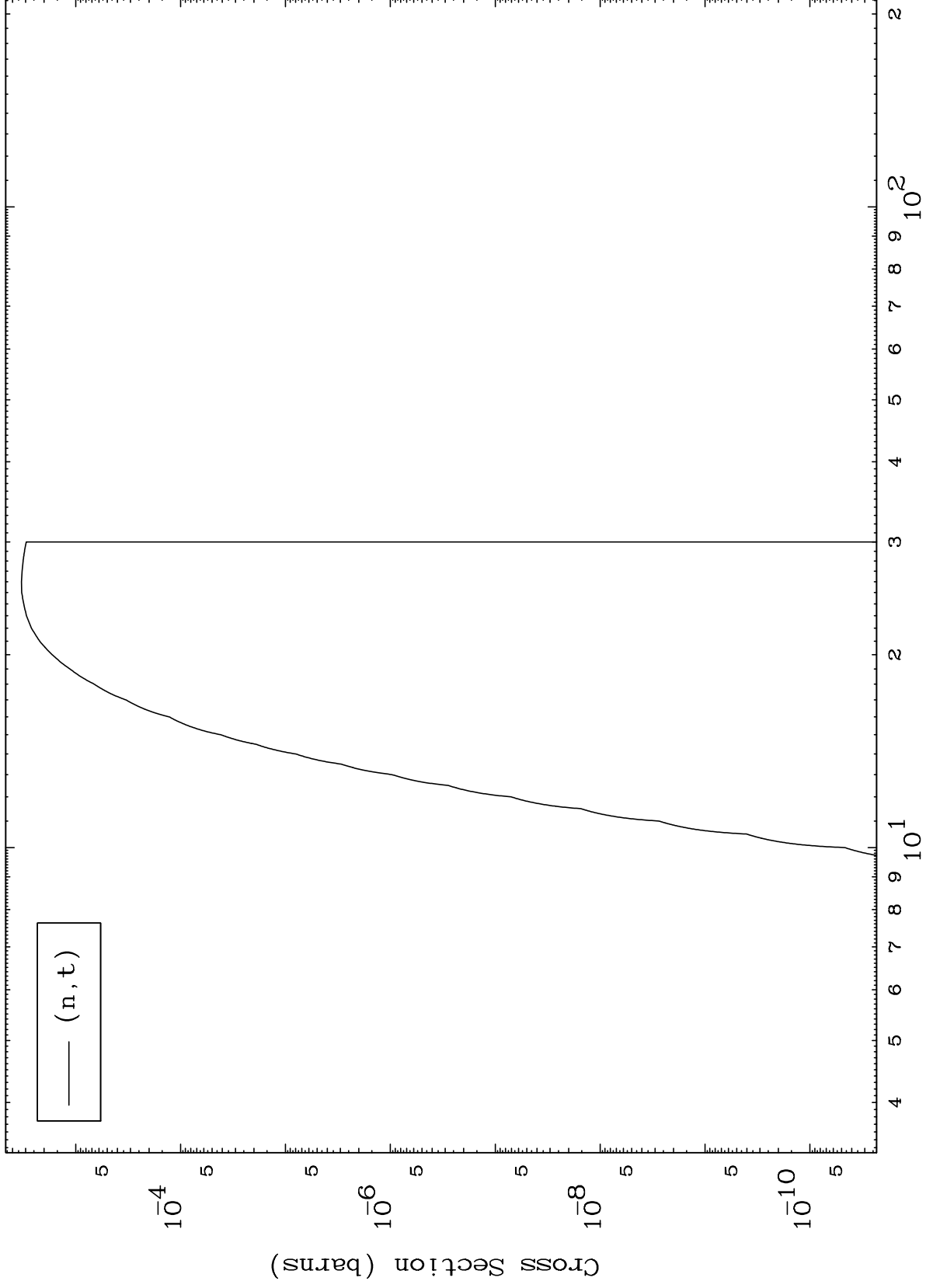
Incident Energy (MeV)

88-Ra-227

MAT 8837

(n,t) Levels  
293 Kelvin Cross Sections

88-Ra-227



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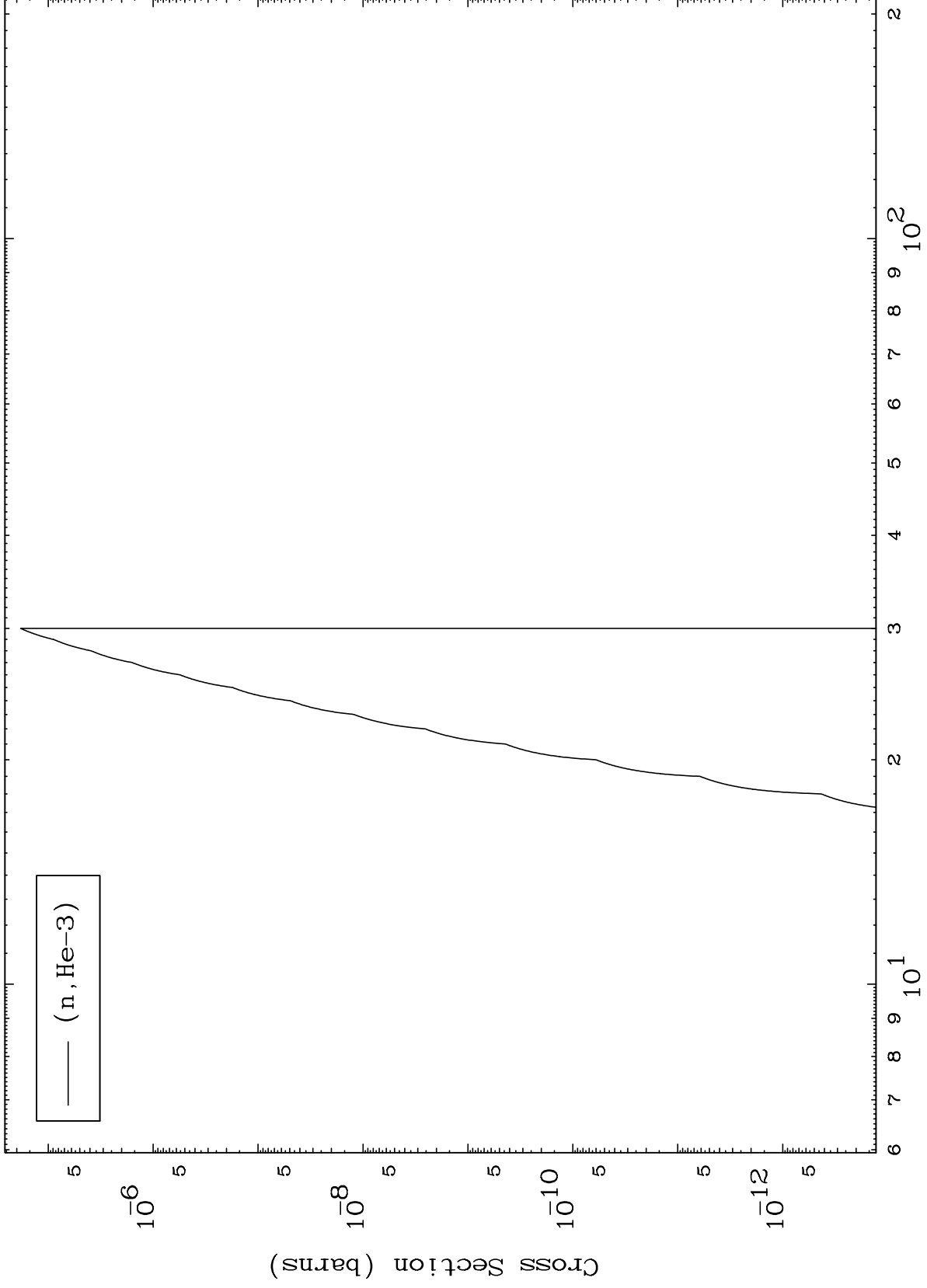
Incident Energy (MeV)

88-Ra-227

MAT 8837

(n,He3) Levels  
293 Kelvin Cross Sections

88-Ra-227



17

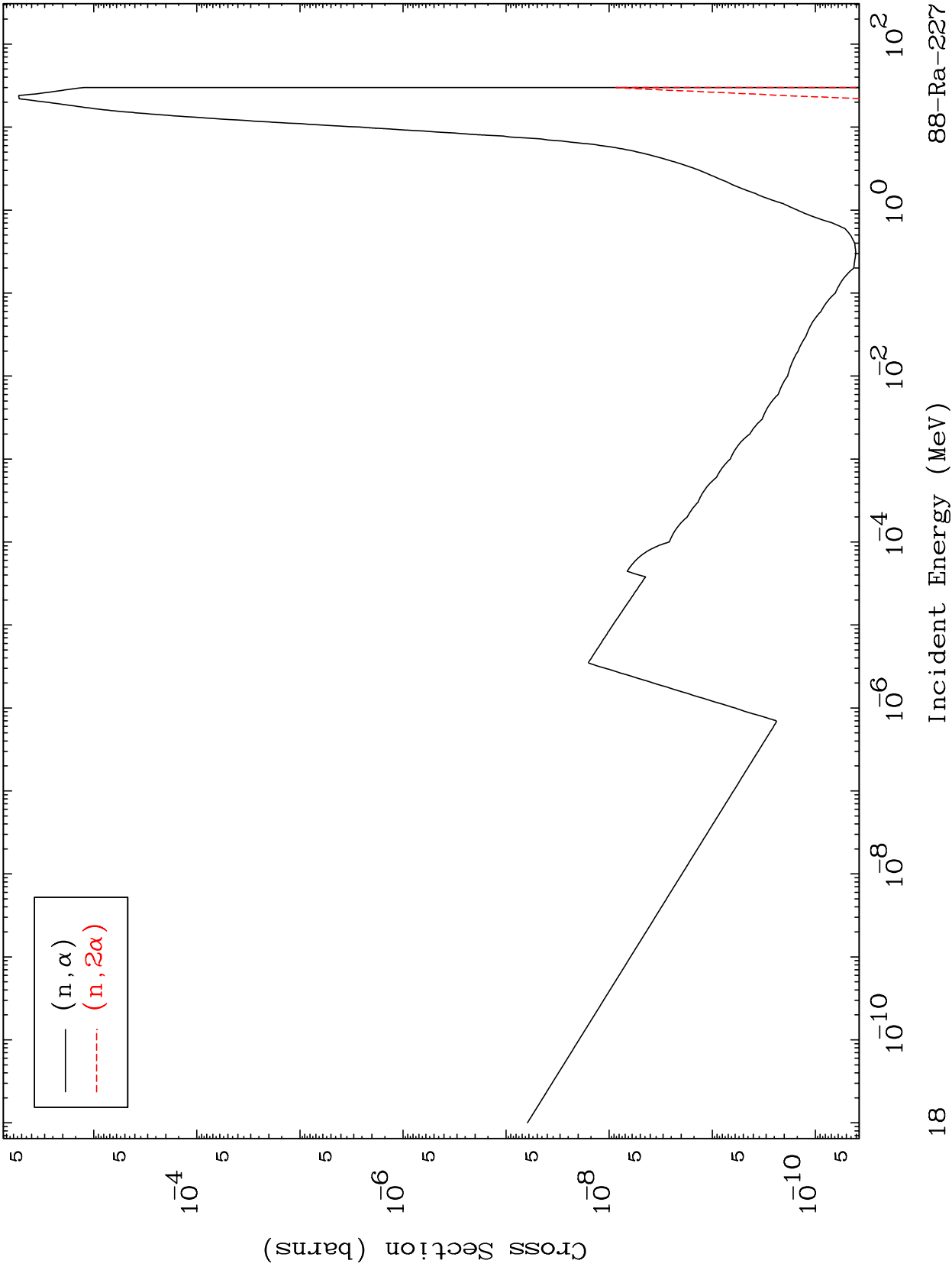
Incident Energy (MeV)

88-Ra-227

MAT 8837

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

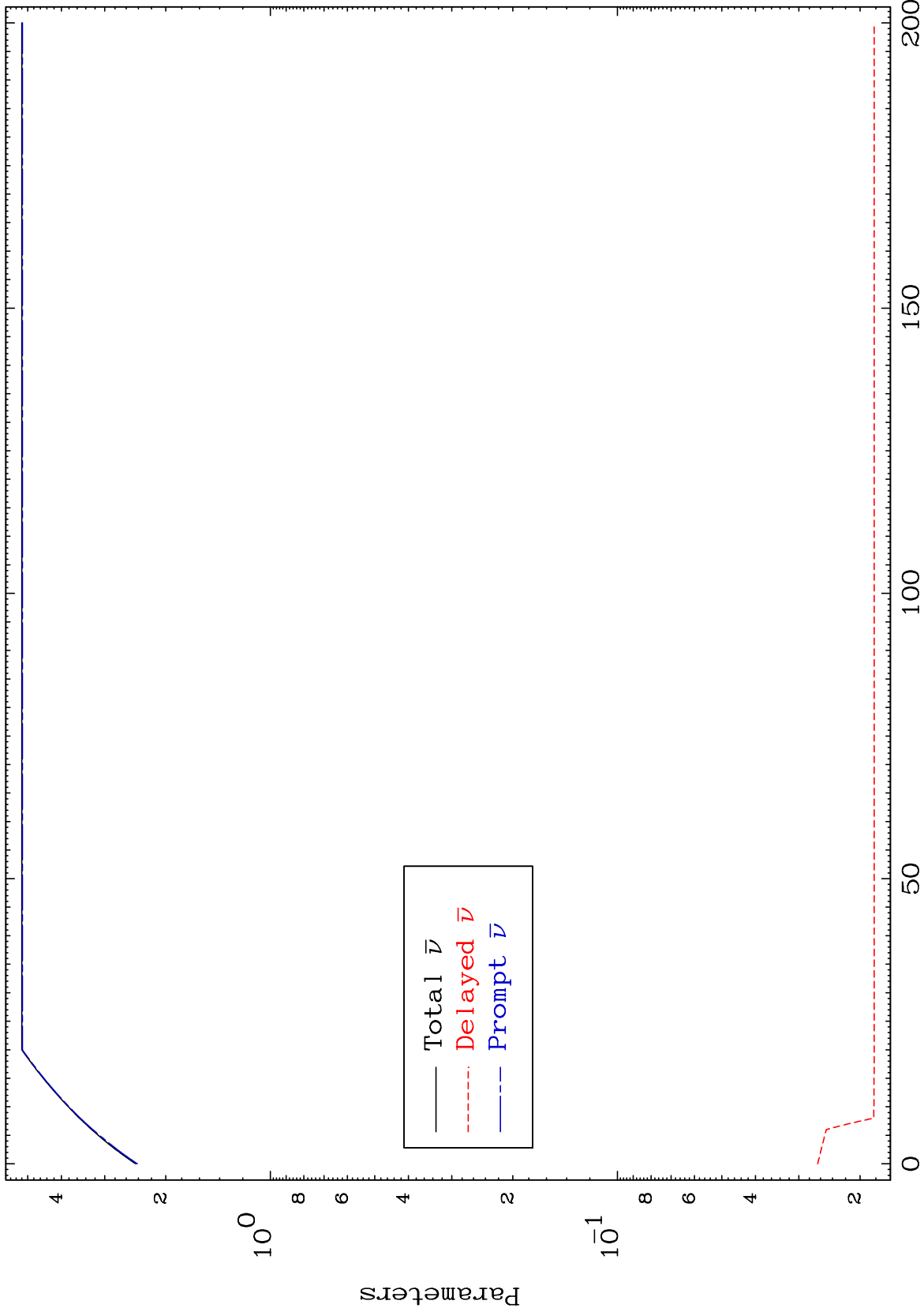
88-Ra-227



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Energy Release  
Parameters

88-Ra-227



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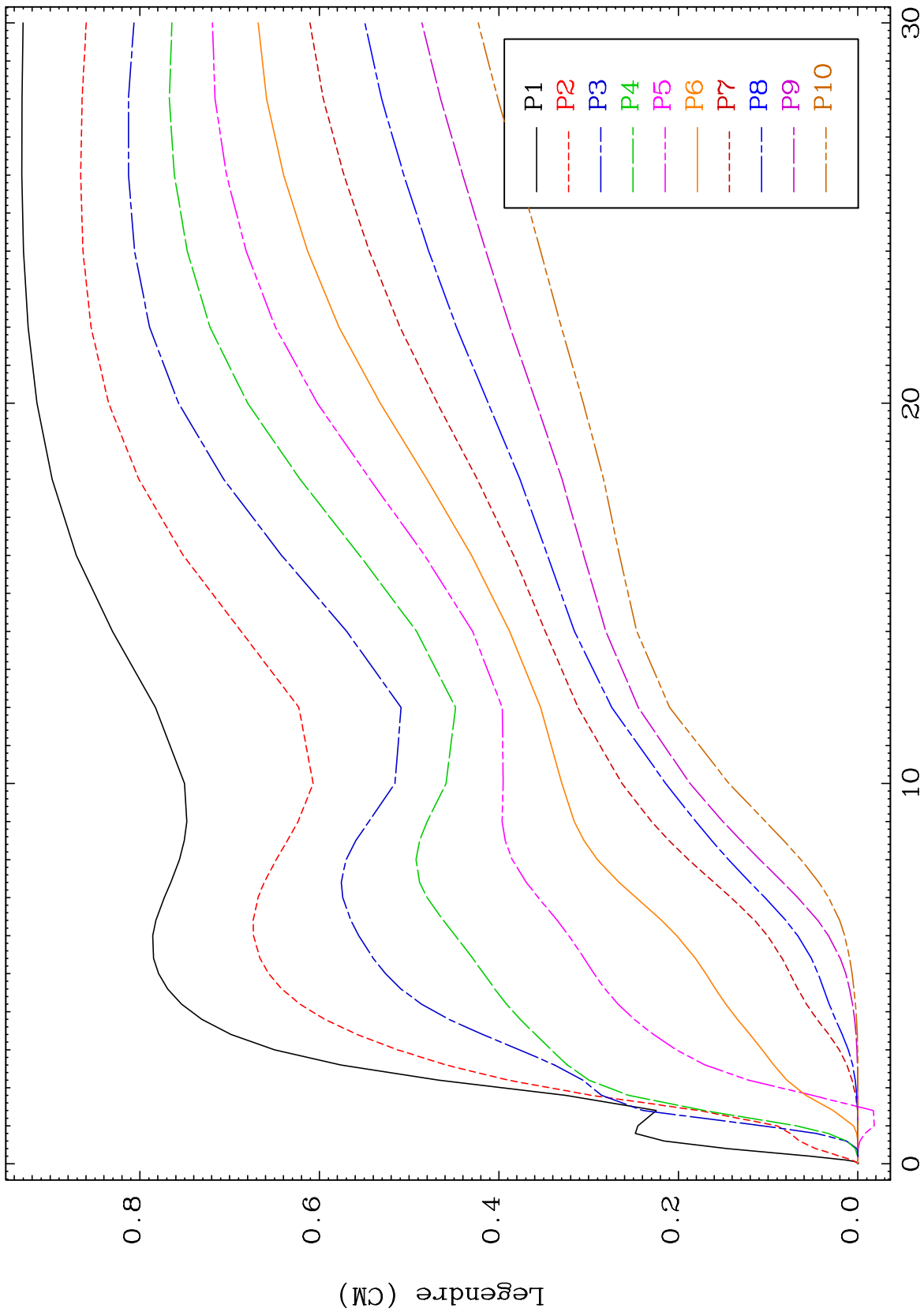
Incident Energy (MeV)

88-Ra-227

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88-Ra-227

Elastic Legendre Coefficients



88-Ra-227

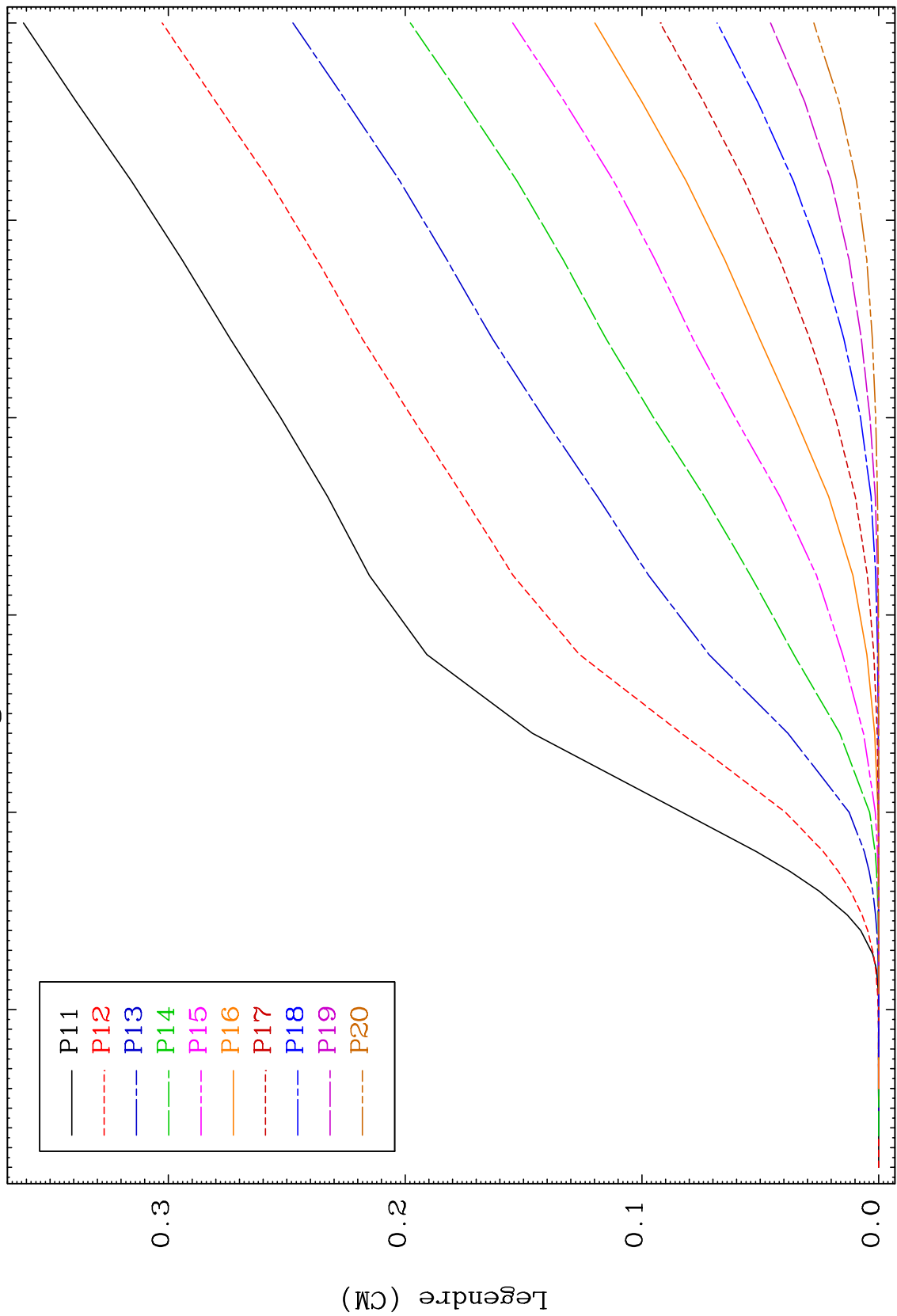
Incident Energy (MeV)

20

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Elastic Legendre Coefficients

88-Ra-227



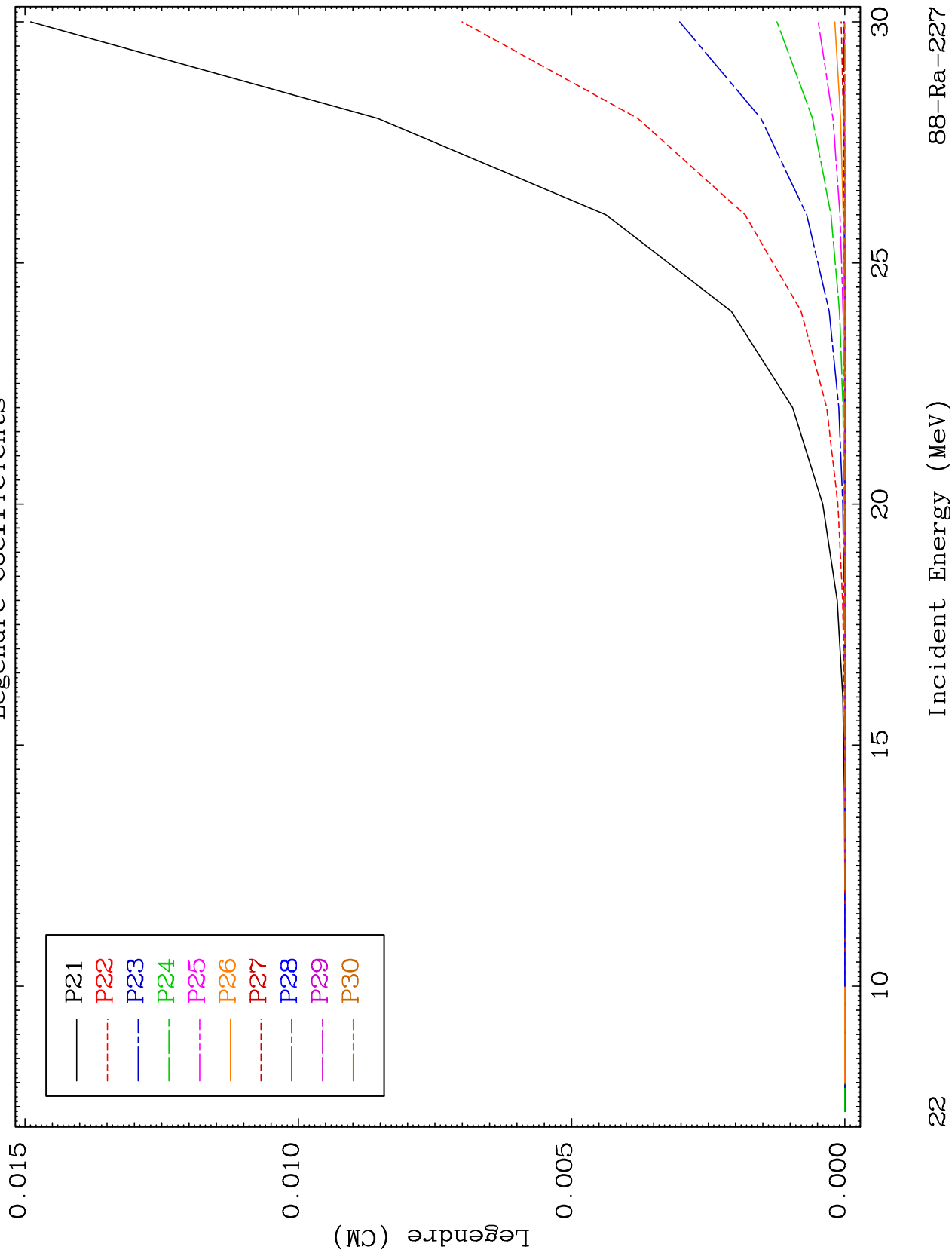
21

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Elastic Legendre Coefficients

88-Ra-227



22

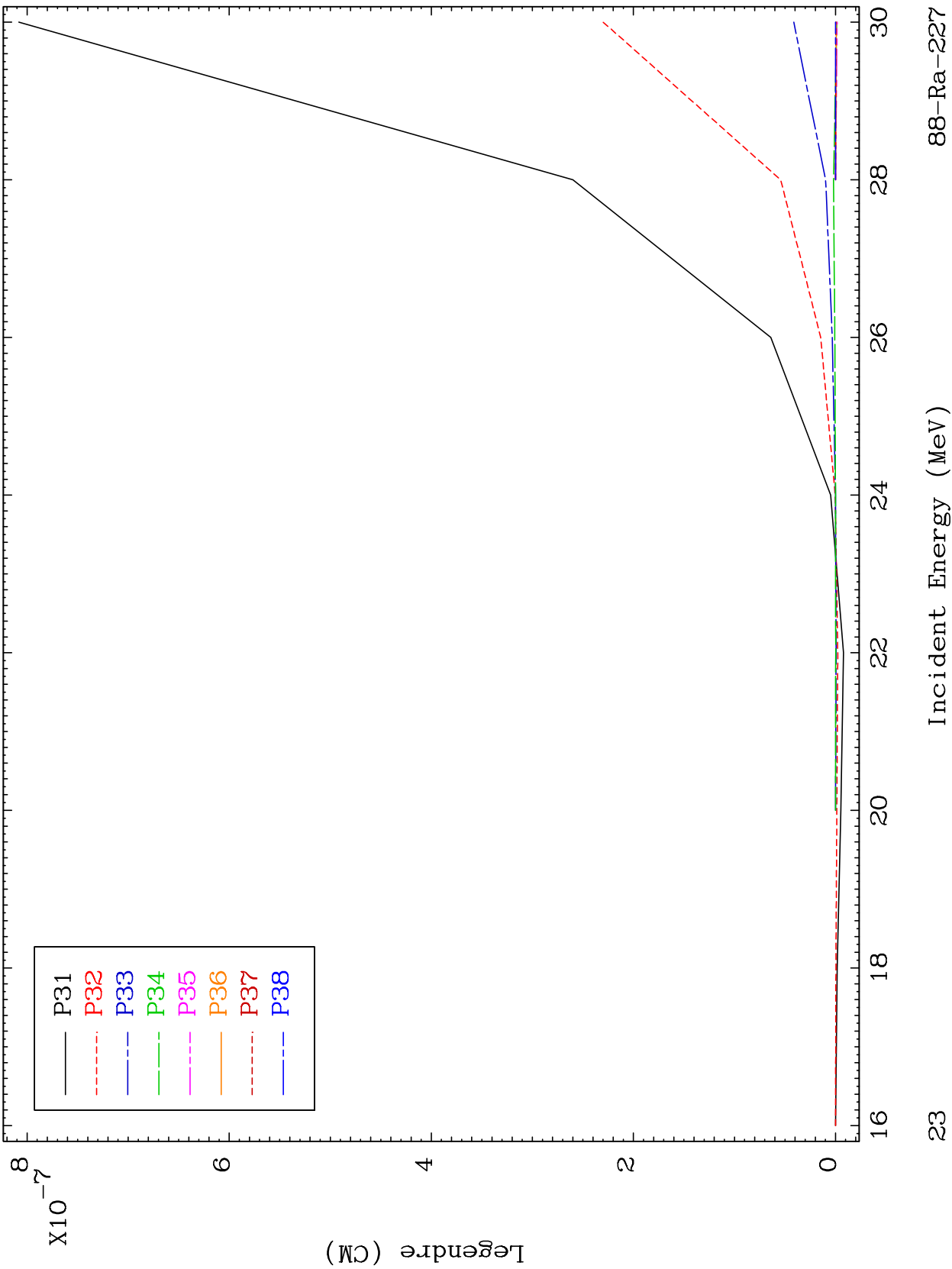
Incident Energy (MeV)

88-Ra-227

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Elastic Legendre Coefficients

88-Ra-227



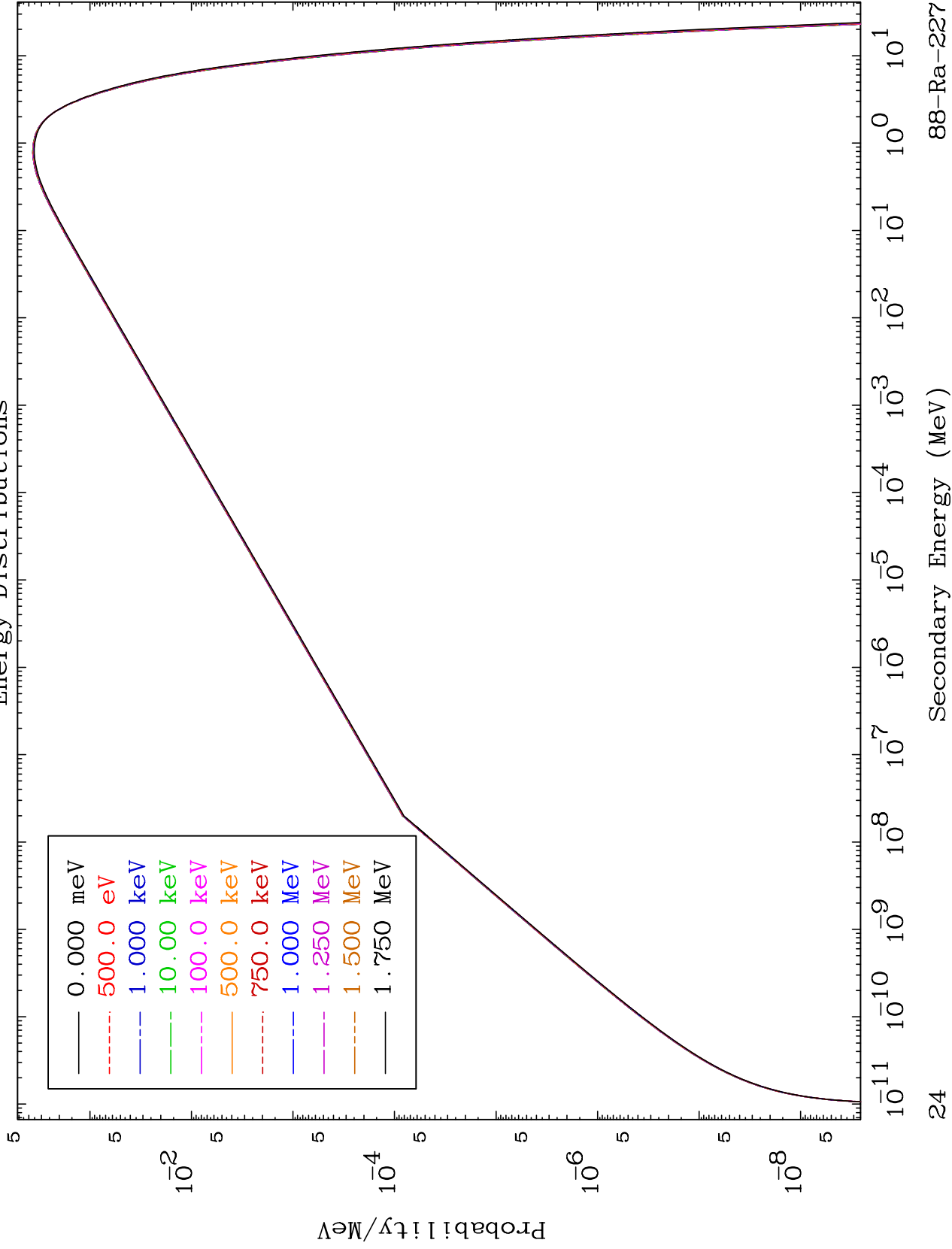
23

88-Ra-227

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### Fission Energy Distributions

88-Ra-227



88-Ra-227

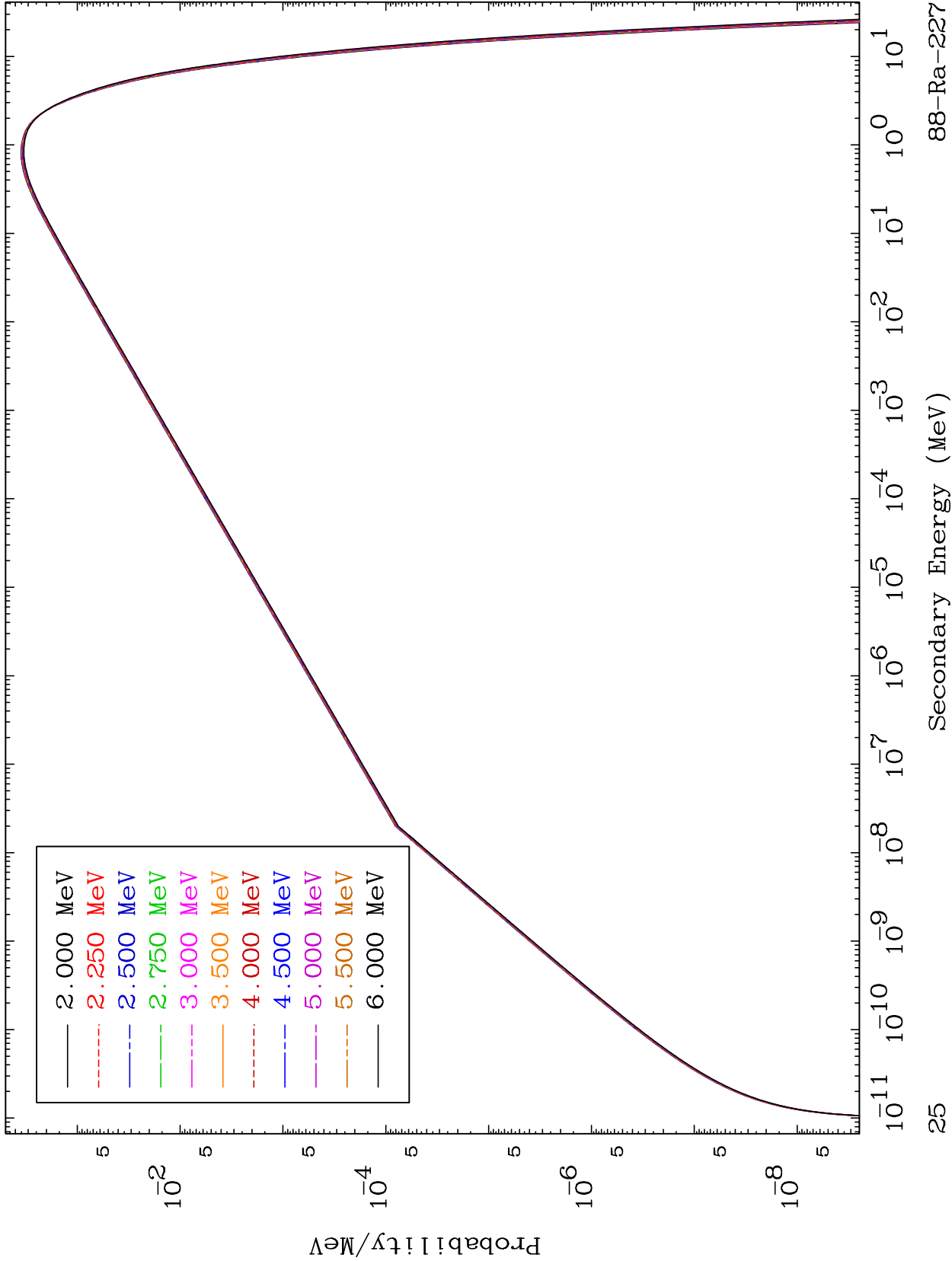
Secondary Energy (MeV)

24

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### Fission Energy Distributions

88-Ra-227



88-Ra-227

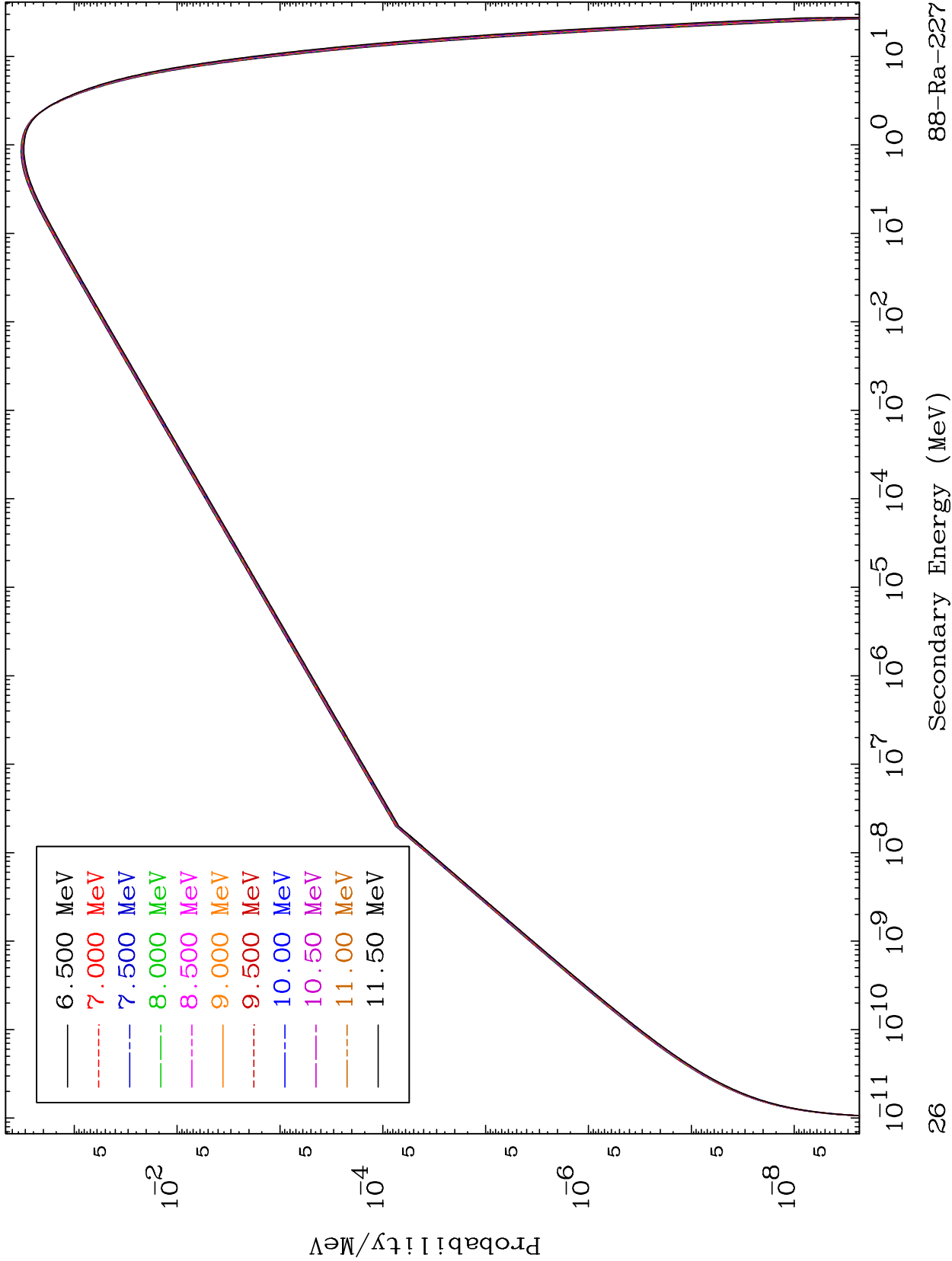
Secondary Energy (MeV)

25

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### Fission Energy Distributions

88-Ra-227



88-Ra-227

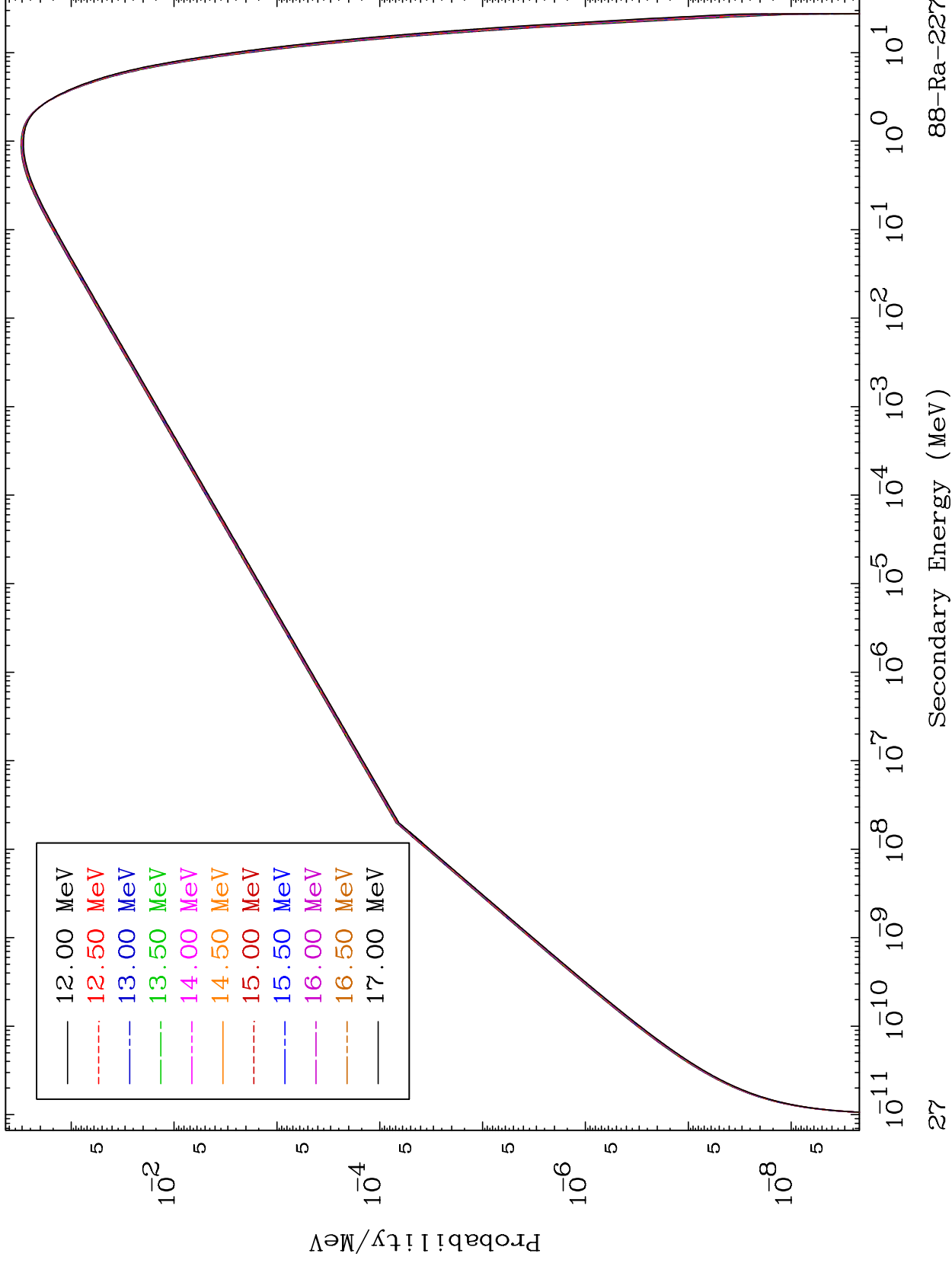
Secondary Energy (MeV)

26

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### Fission Energy Distributions

88-Ra-227



88-Ra-227

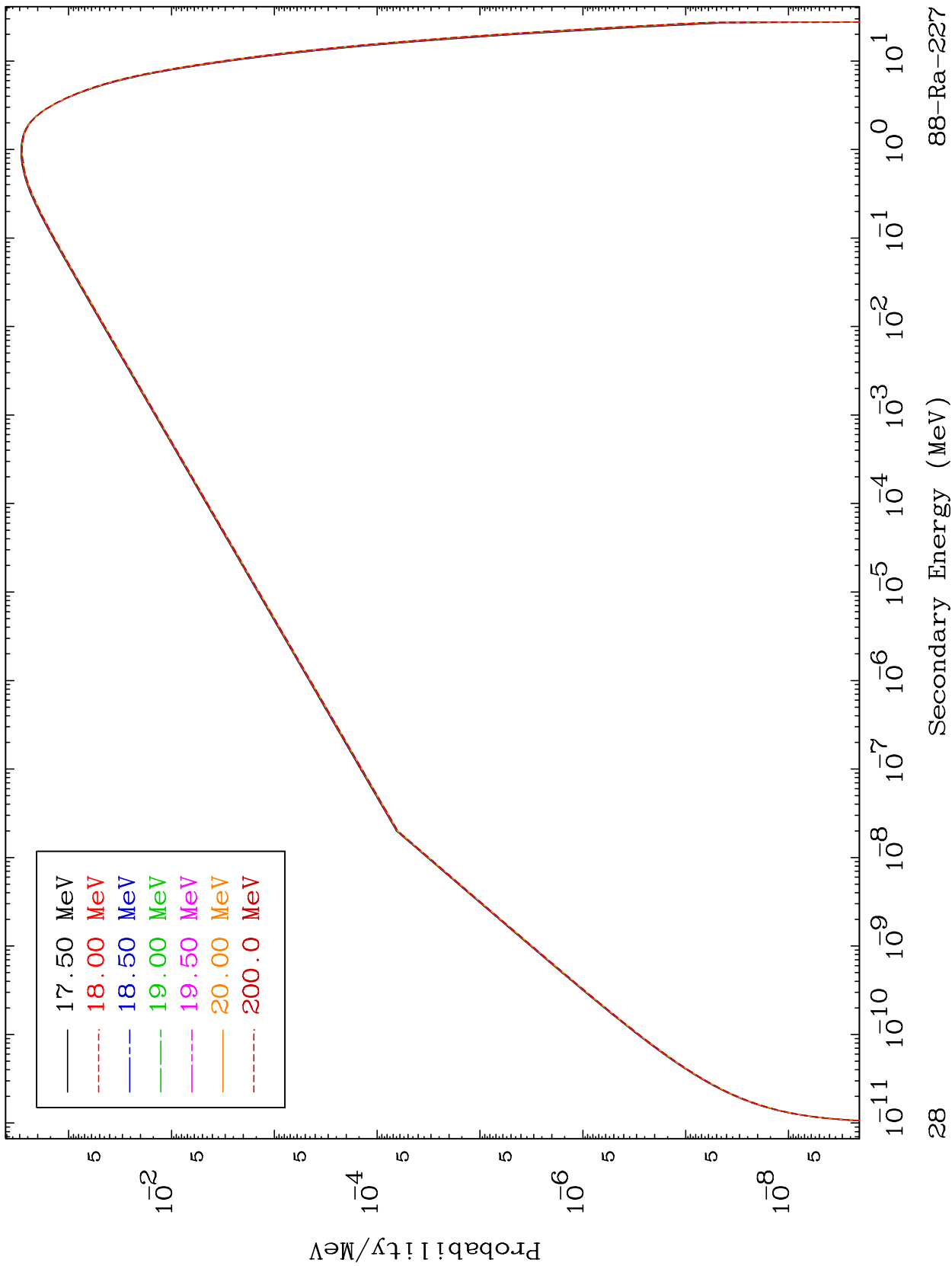
Secondary Energy (MeV)

27

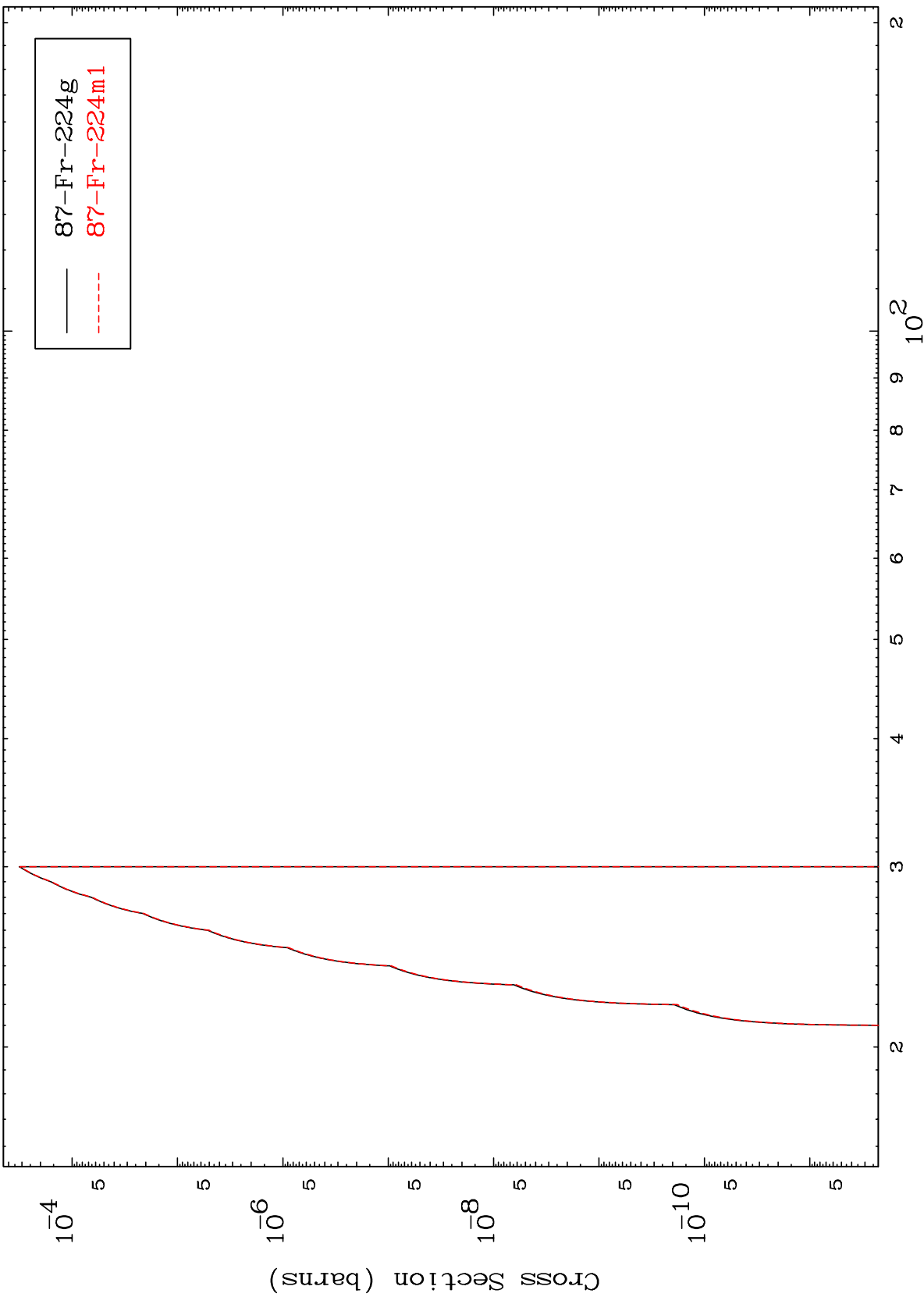
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### Fission Energy Distributions

88-Ra-227



Radionuclide Production Cross Section

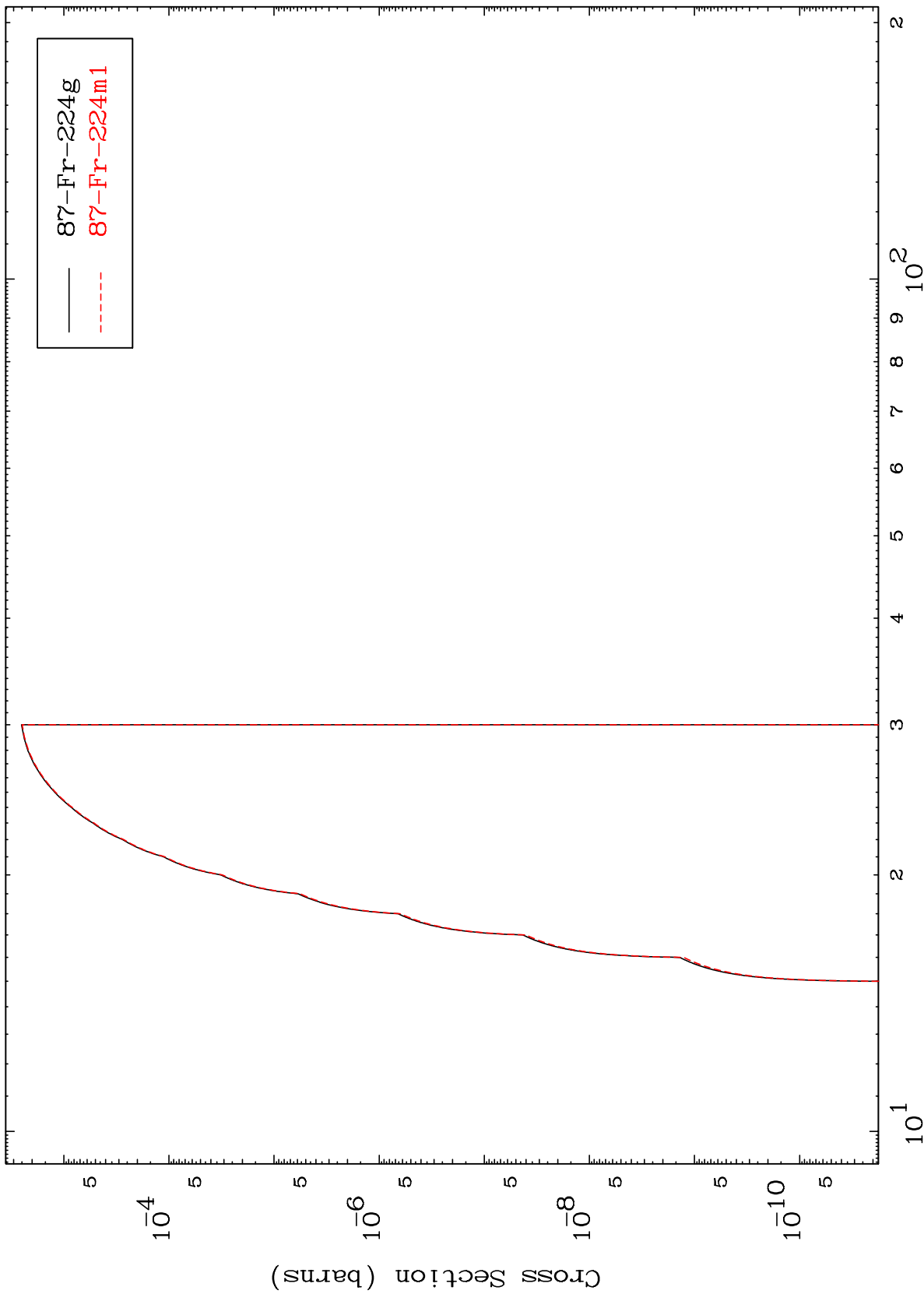


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(n,n') t

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Radionuclide Production Cross Section



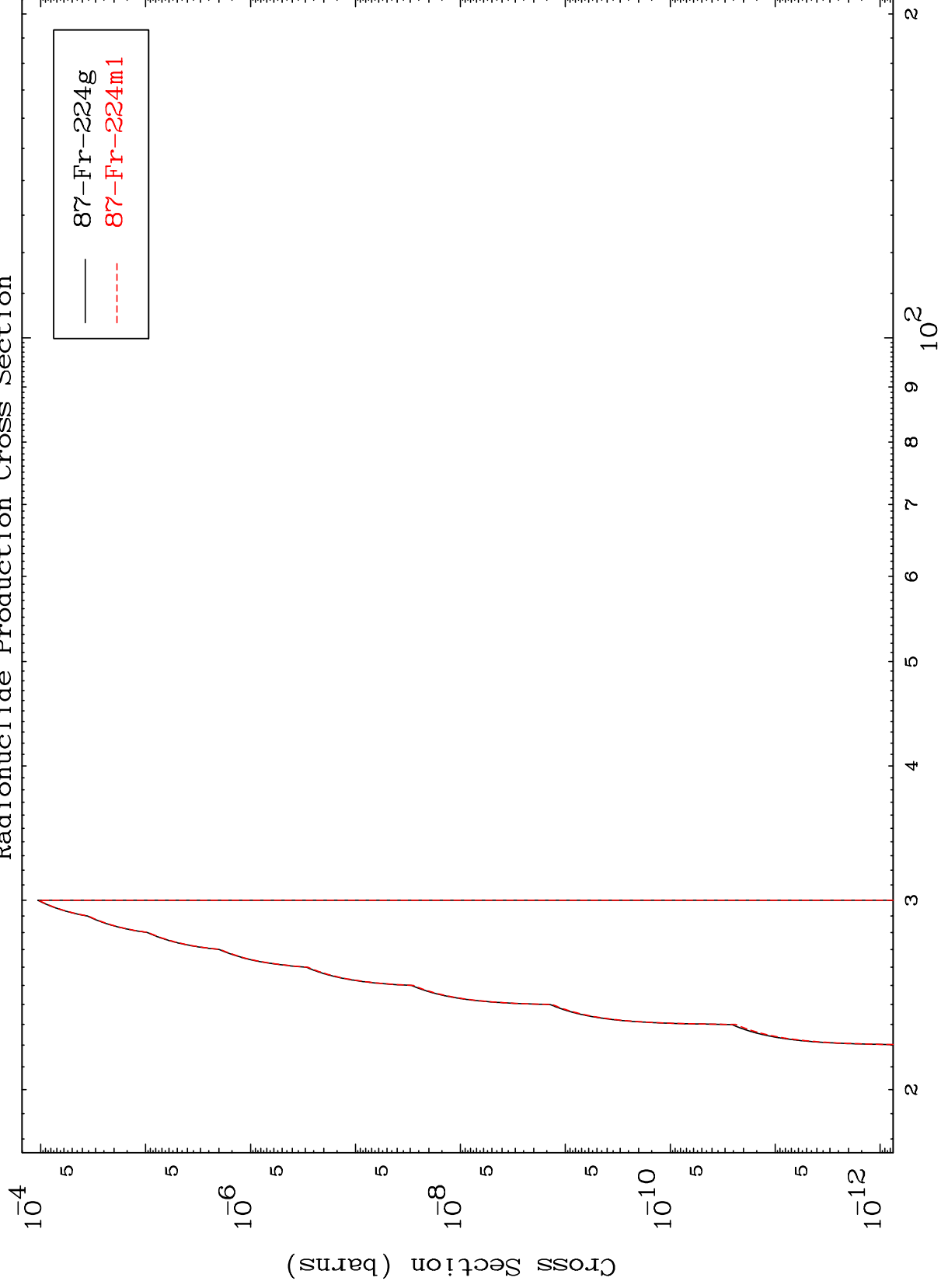
Incident Energy (MeV)

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88-Ra-227

(n,3n) p  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

88-Ra-227