

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

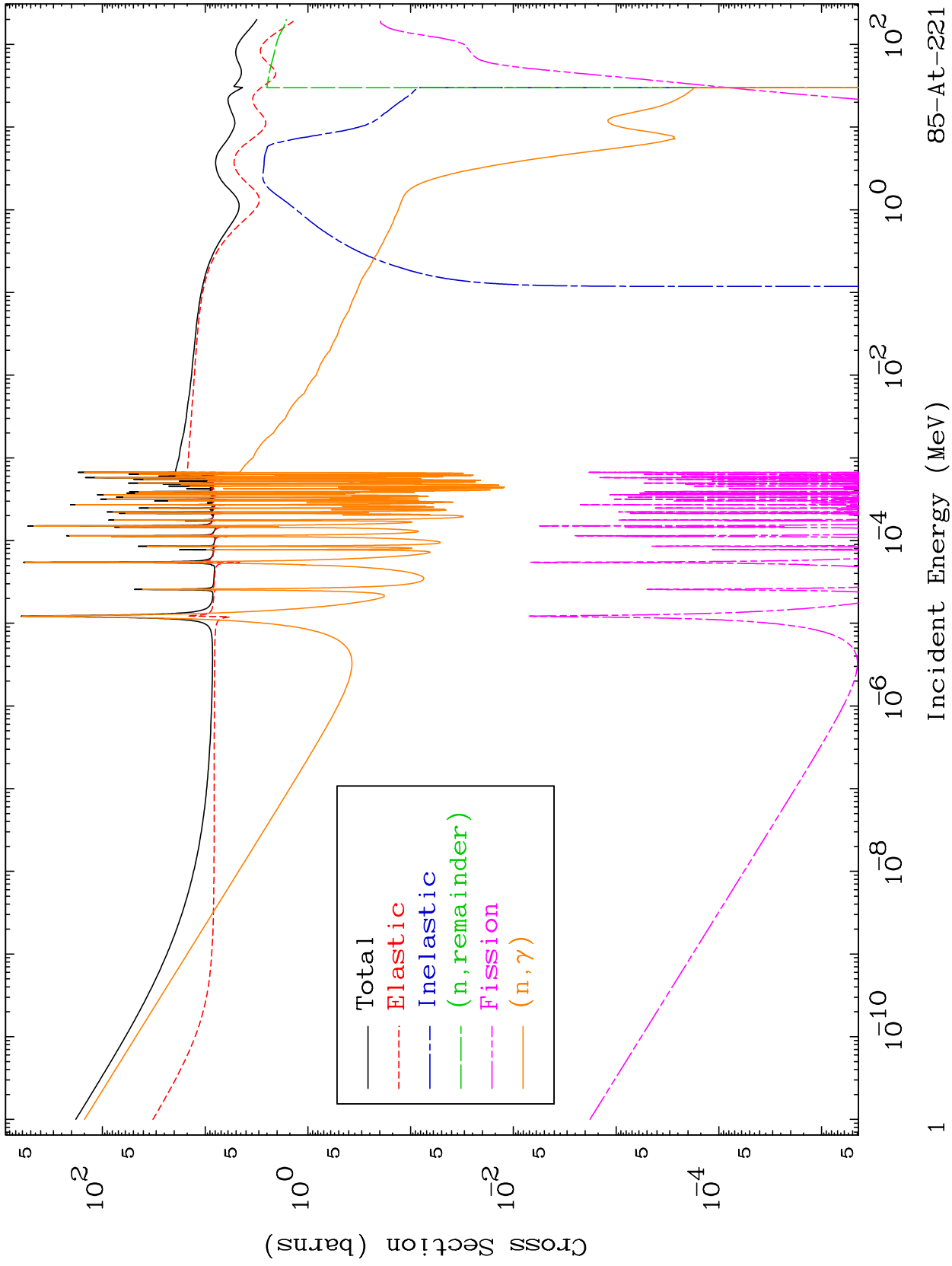
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8579

Major  
293 Kelvin Cross Sections

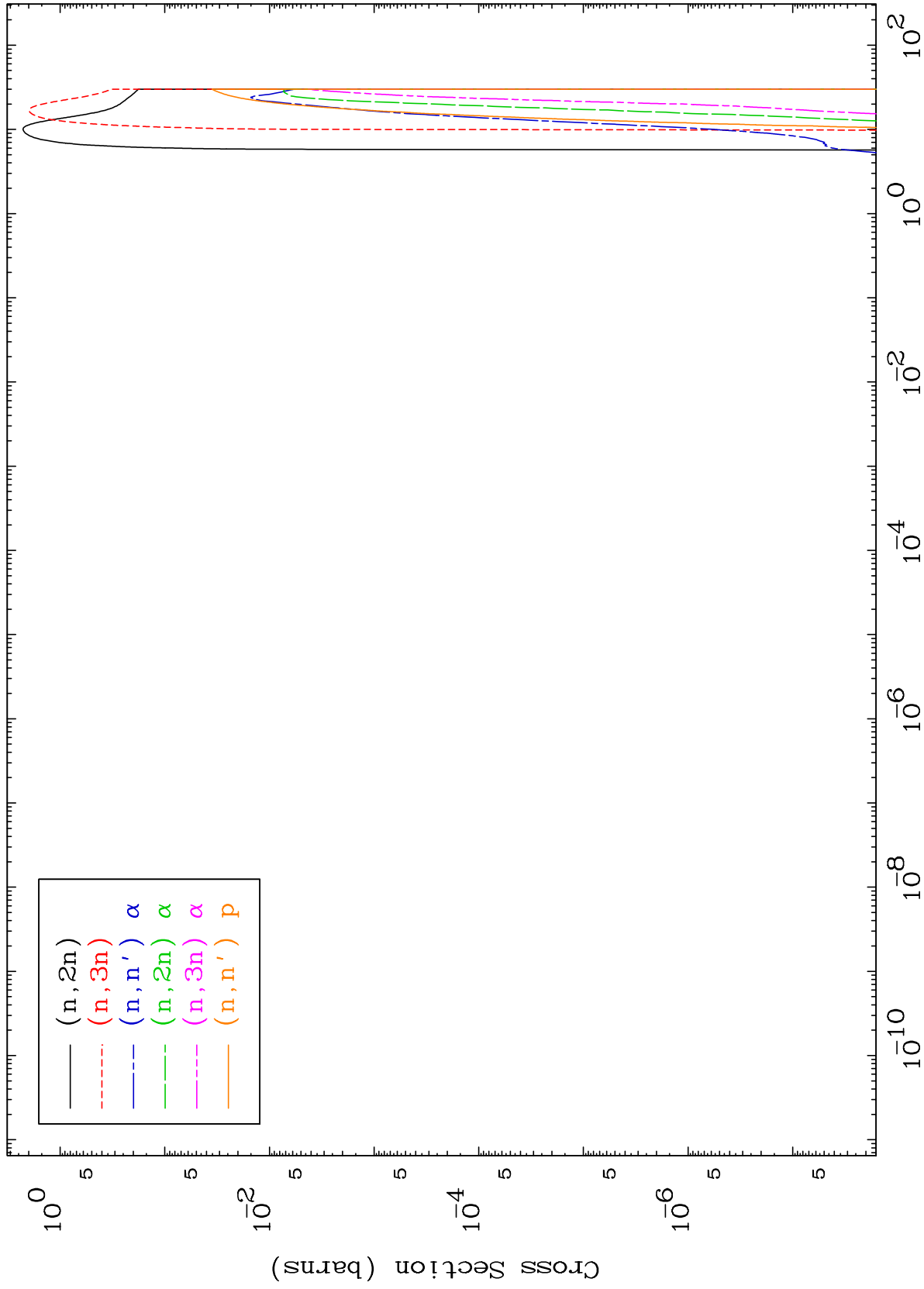
85-At-221

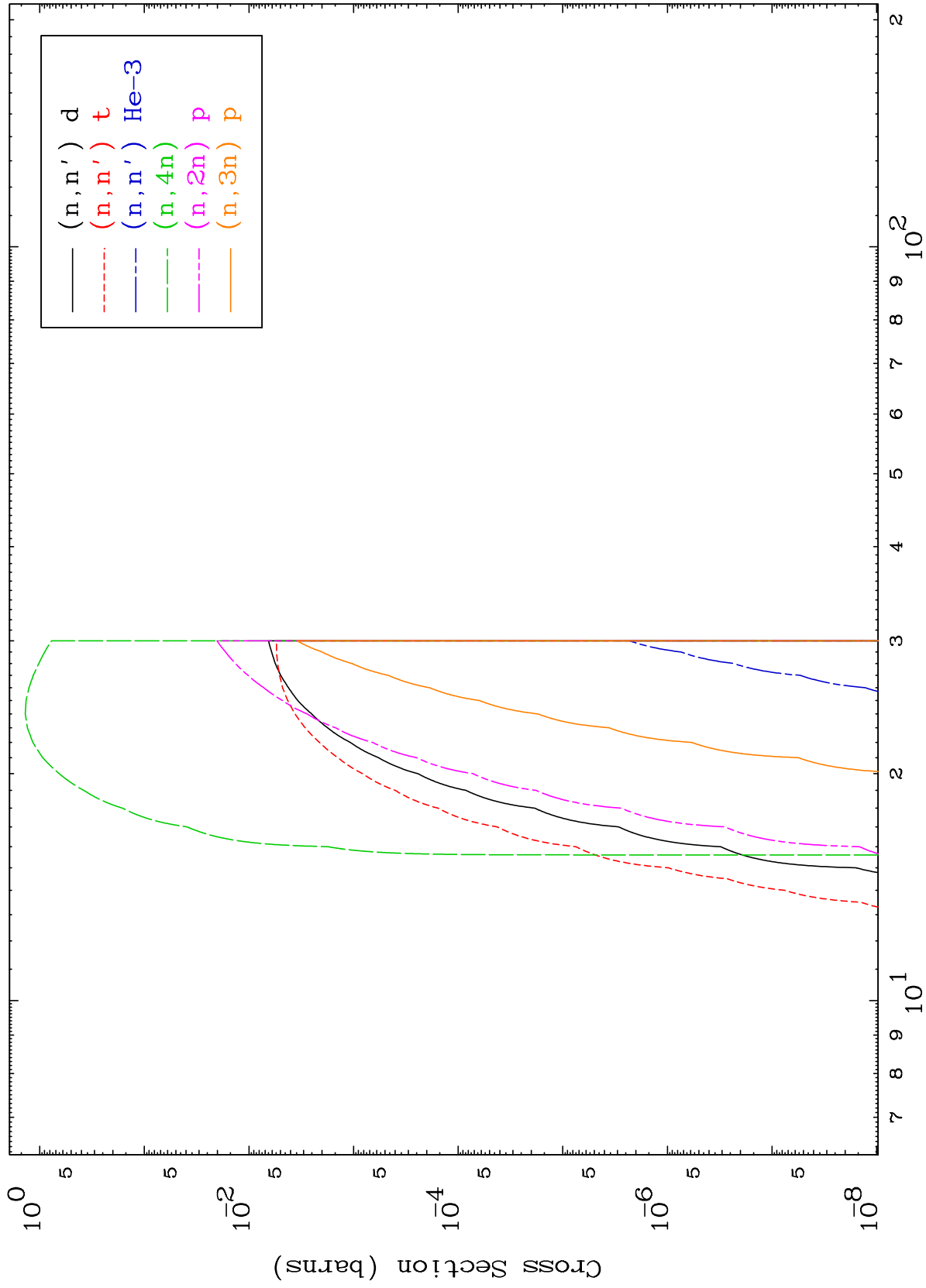


MAT 8579

Neutron Production  
293 Kelvin Cross Sections

85-At-221

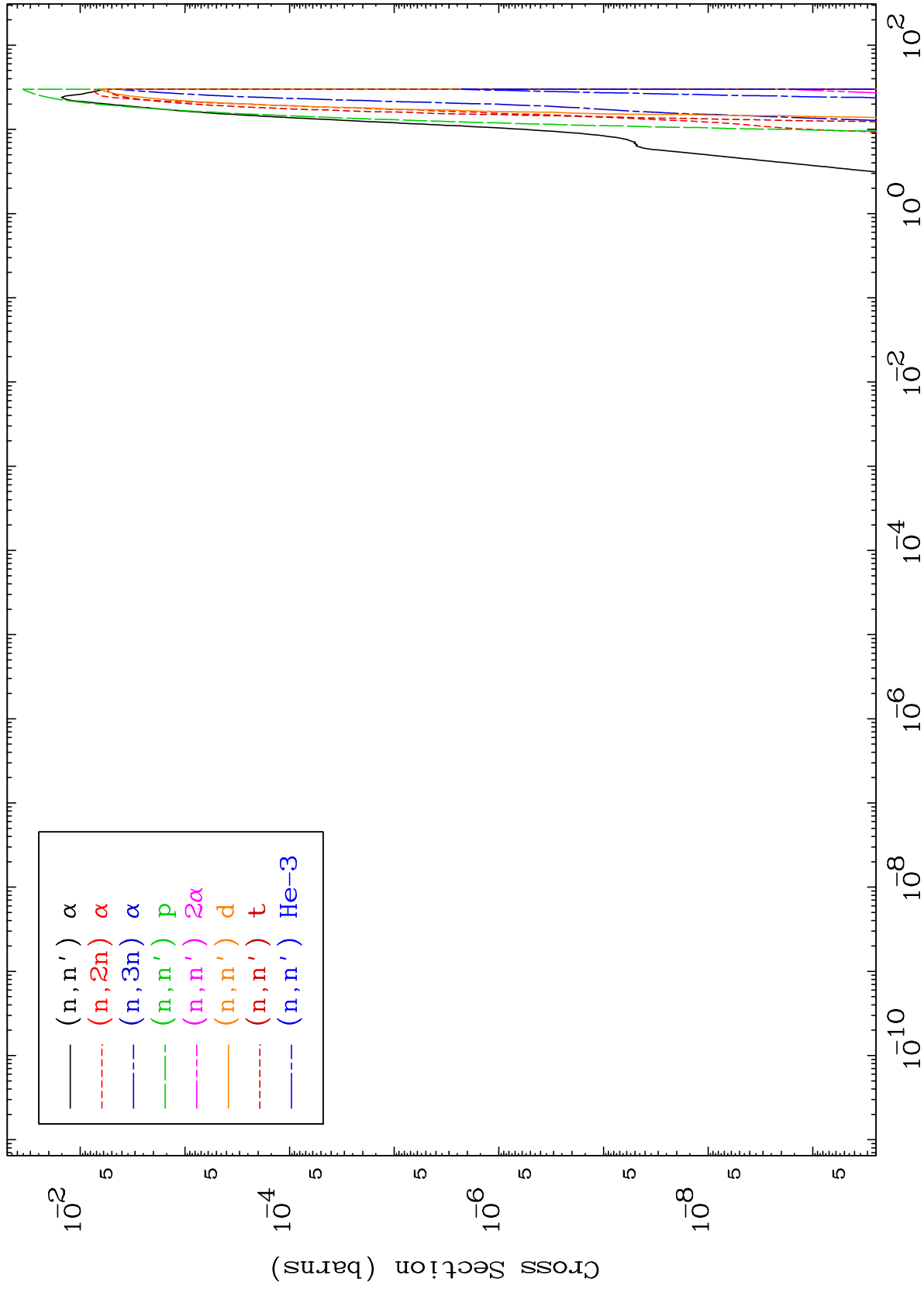


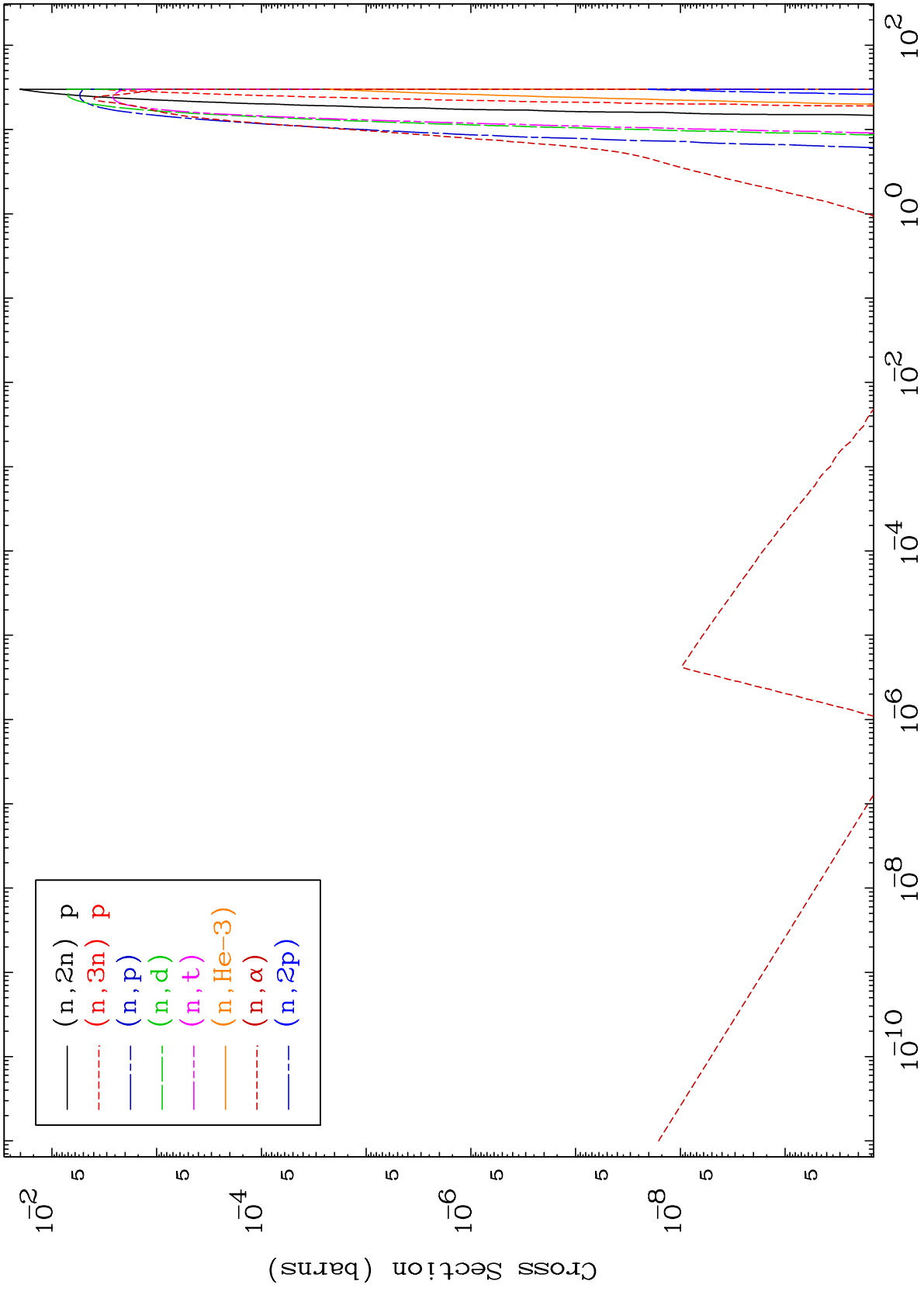


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Charged Particle  
293 Kelvin Cross Sections

85-At-221

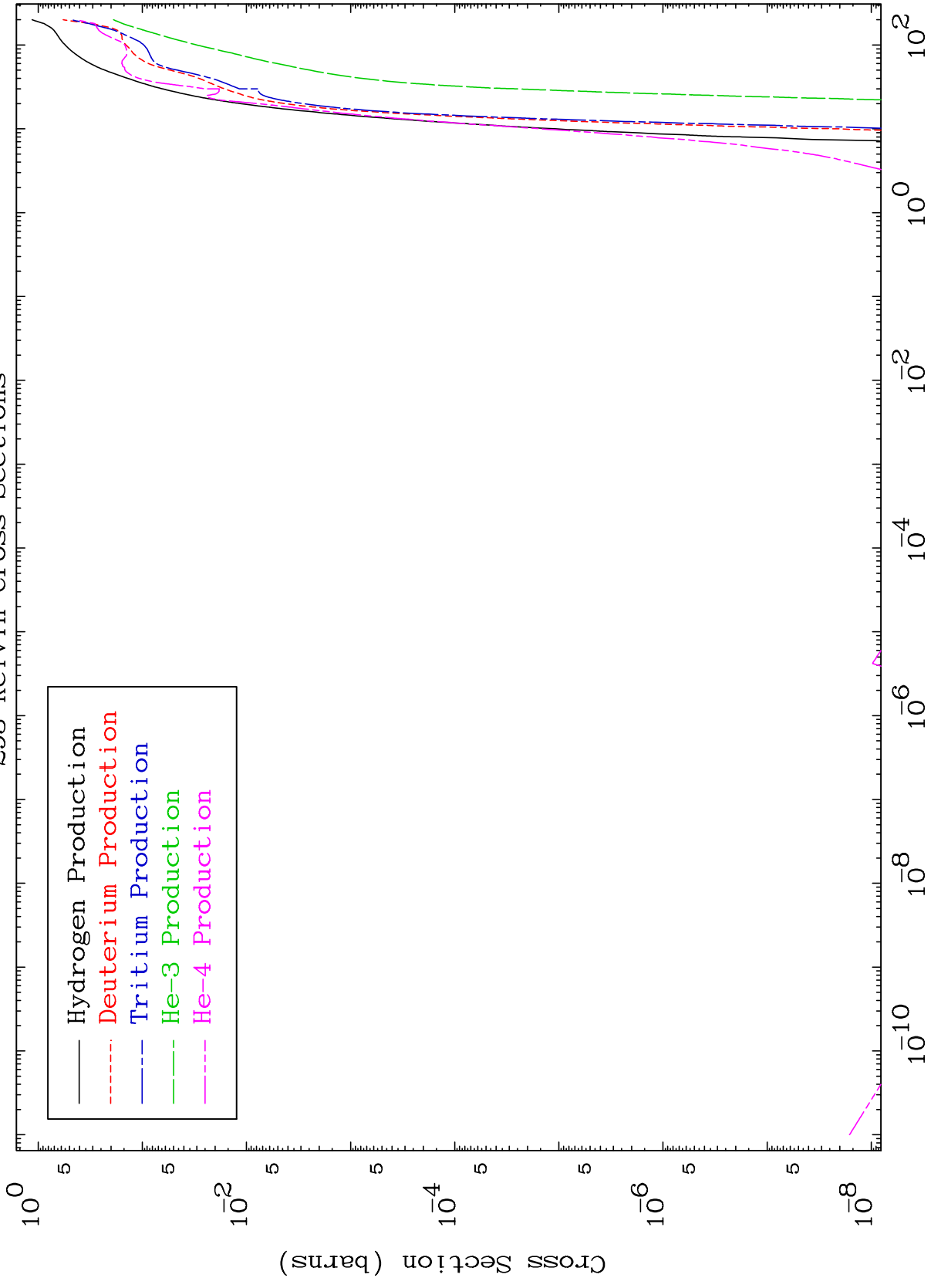




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Particle Production  
293 Kelvin Cross Sections

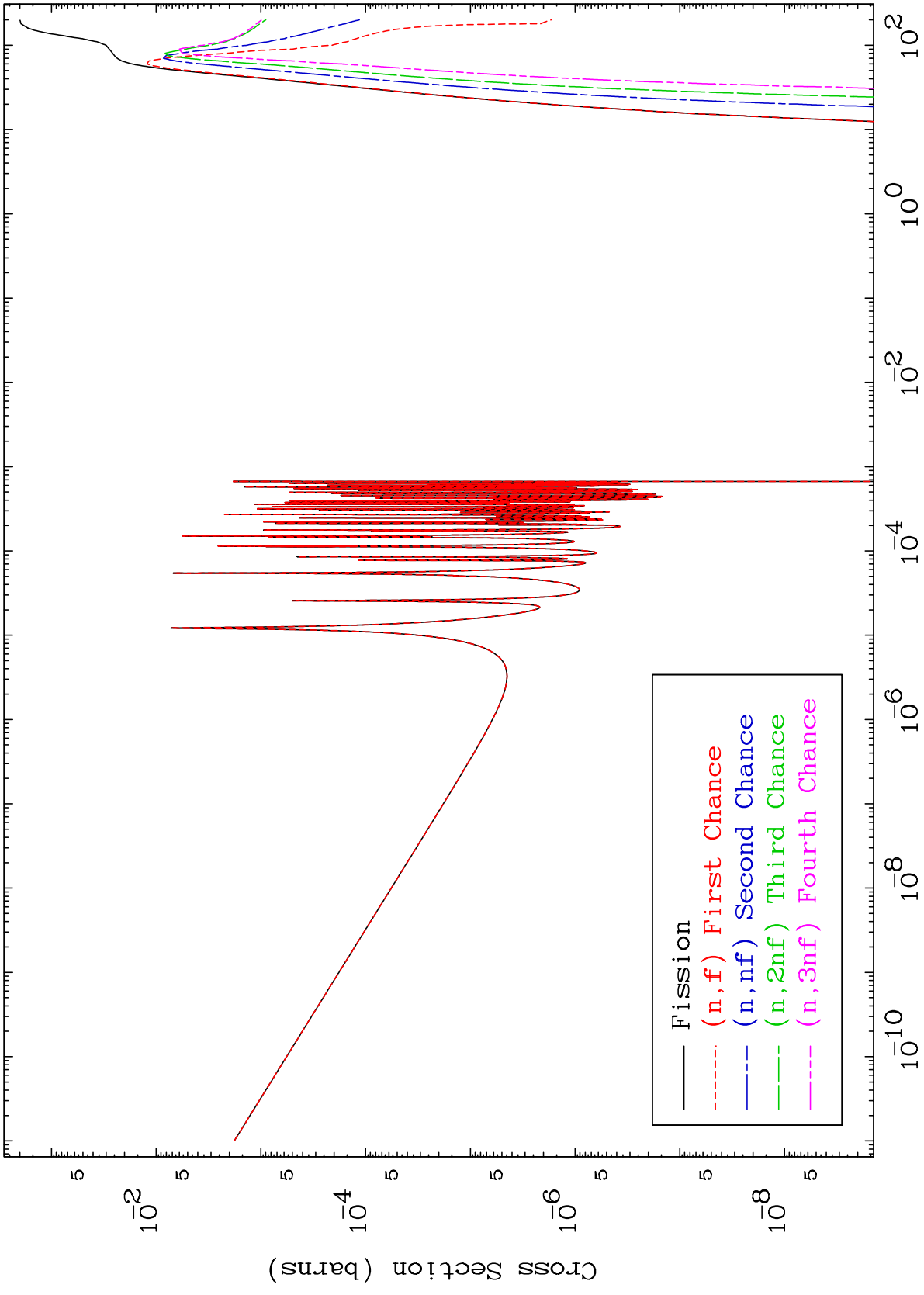
85-At-221



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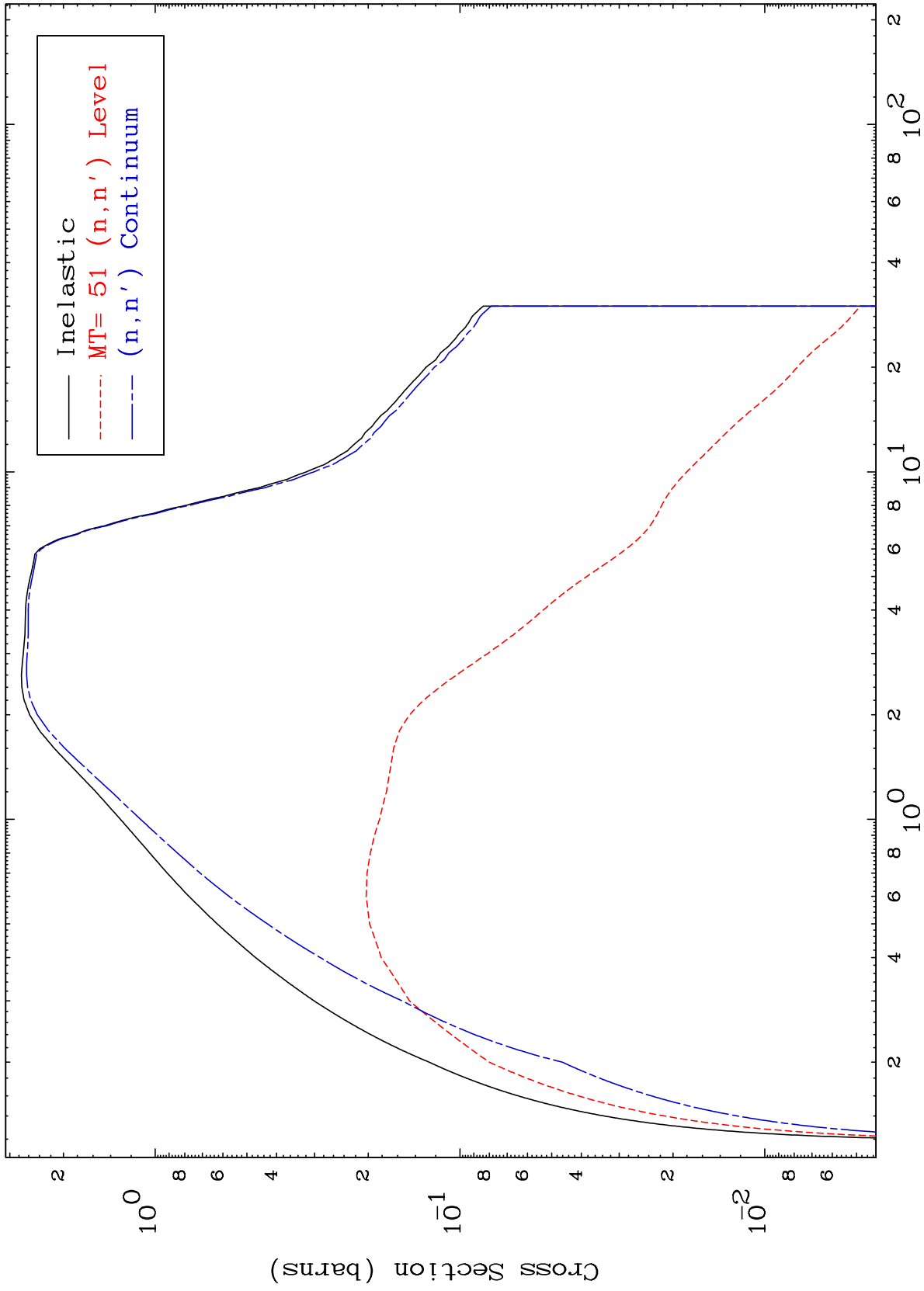
Fission  
293 Kelvin Cross Sections

85-At-221



85-At-221

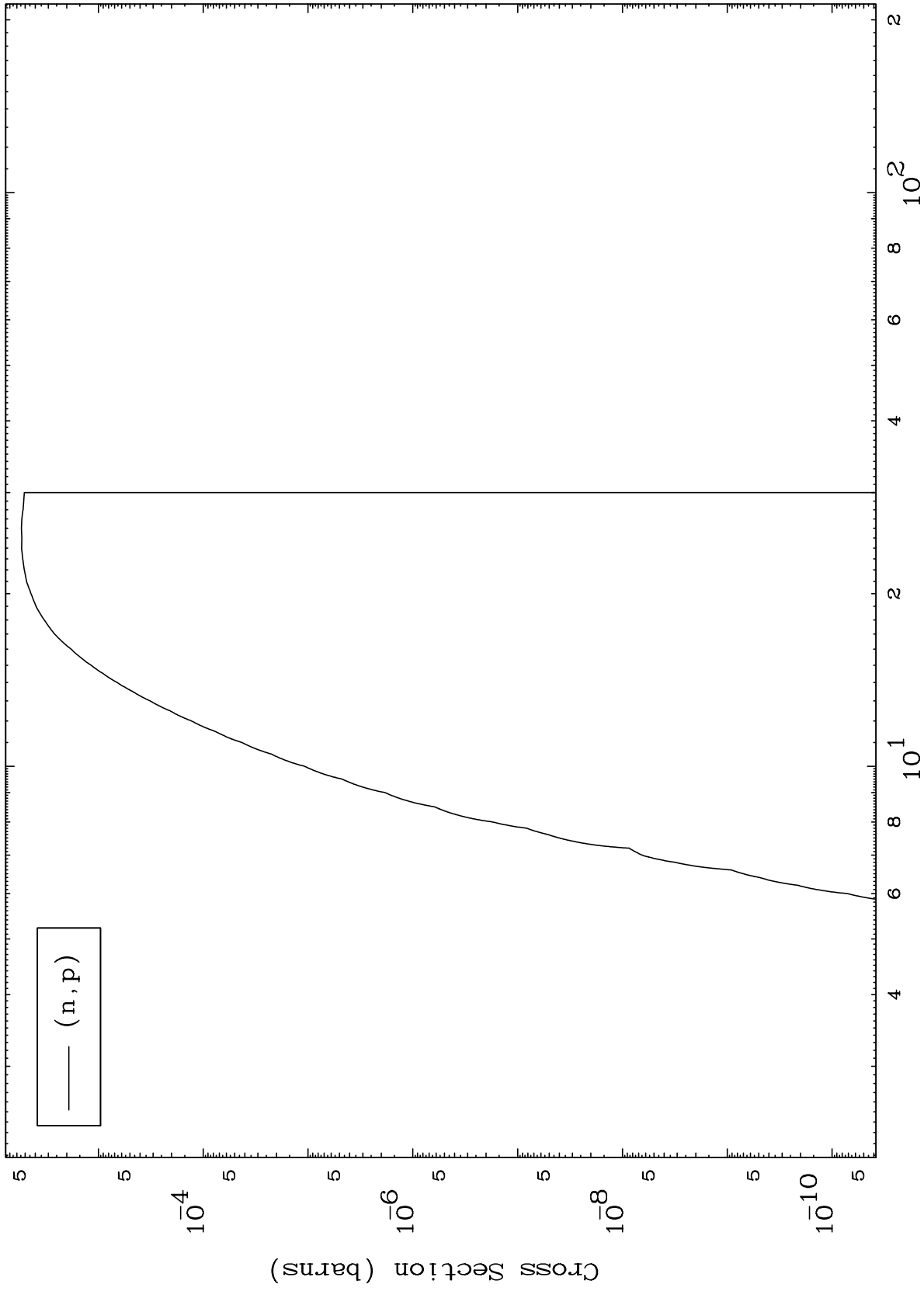




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(n,p) Levels  
293 Kelvin Cross Sections

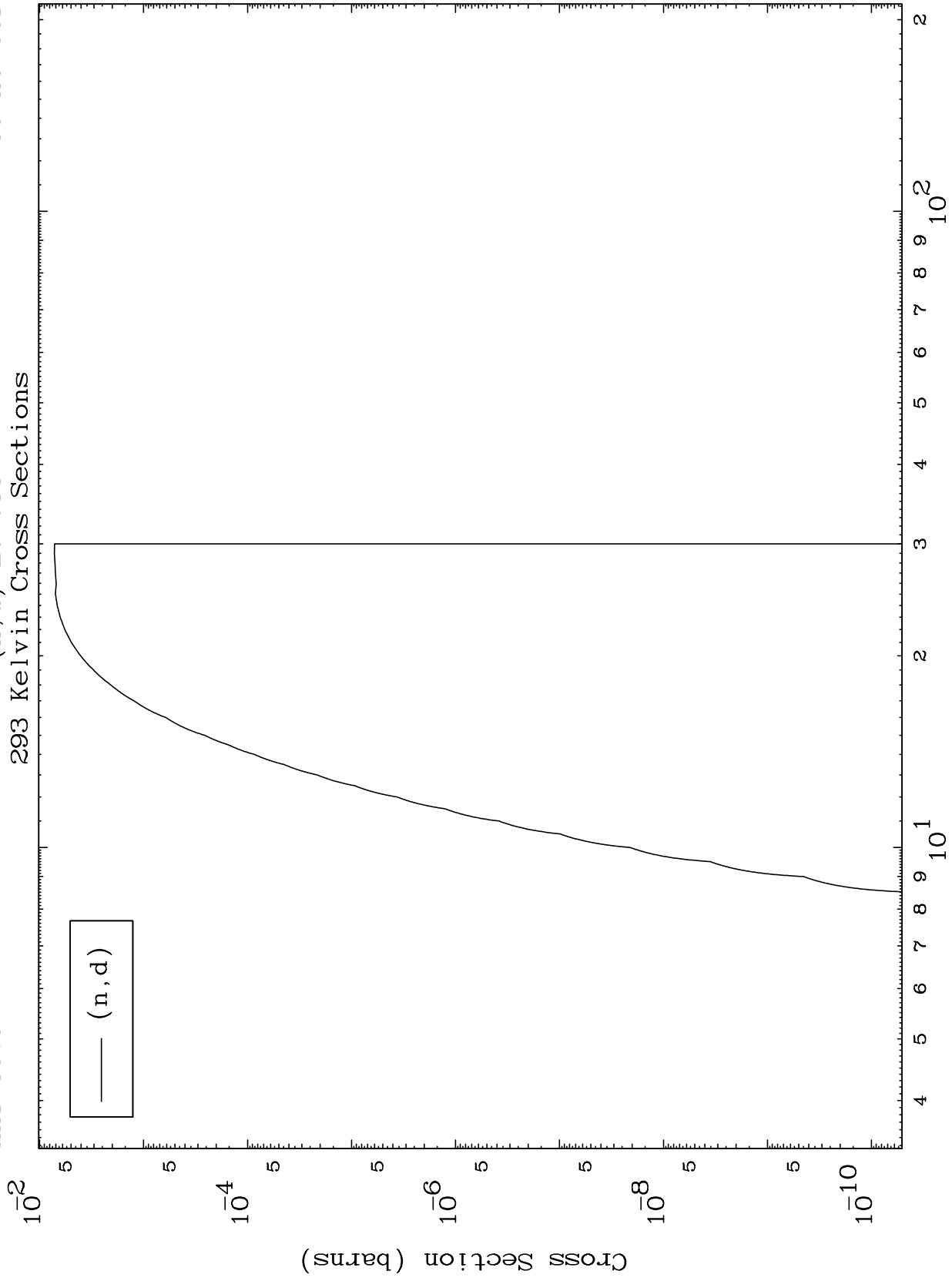
85-At-221



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(n,d) Levels  
293 Kelvin Cross Sections

85-At-221



10

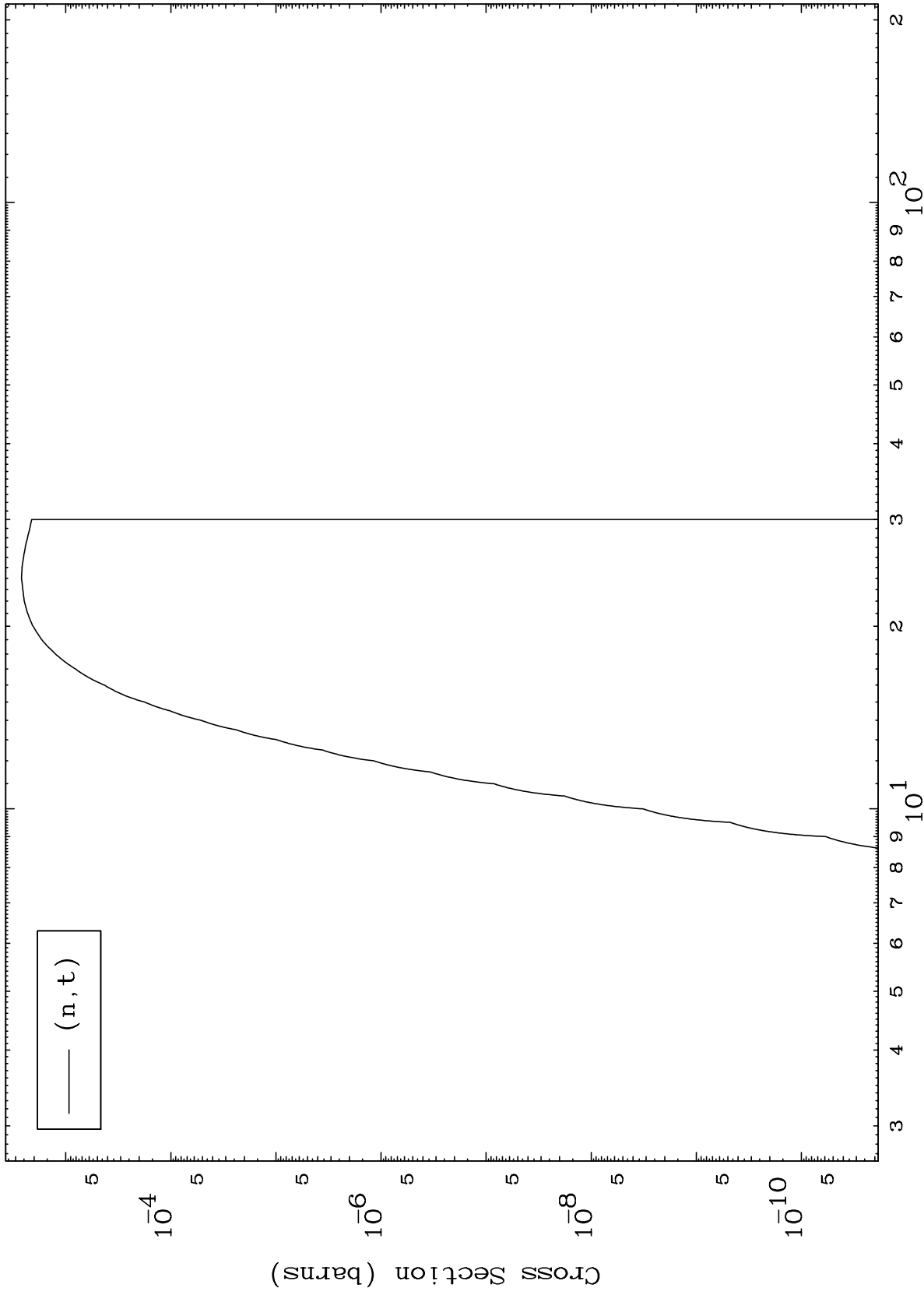
Incident Energy (MeV)

85-At-221

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(n,t) Levels  
293 Kelvin Cross Sections

85-At-221



11

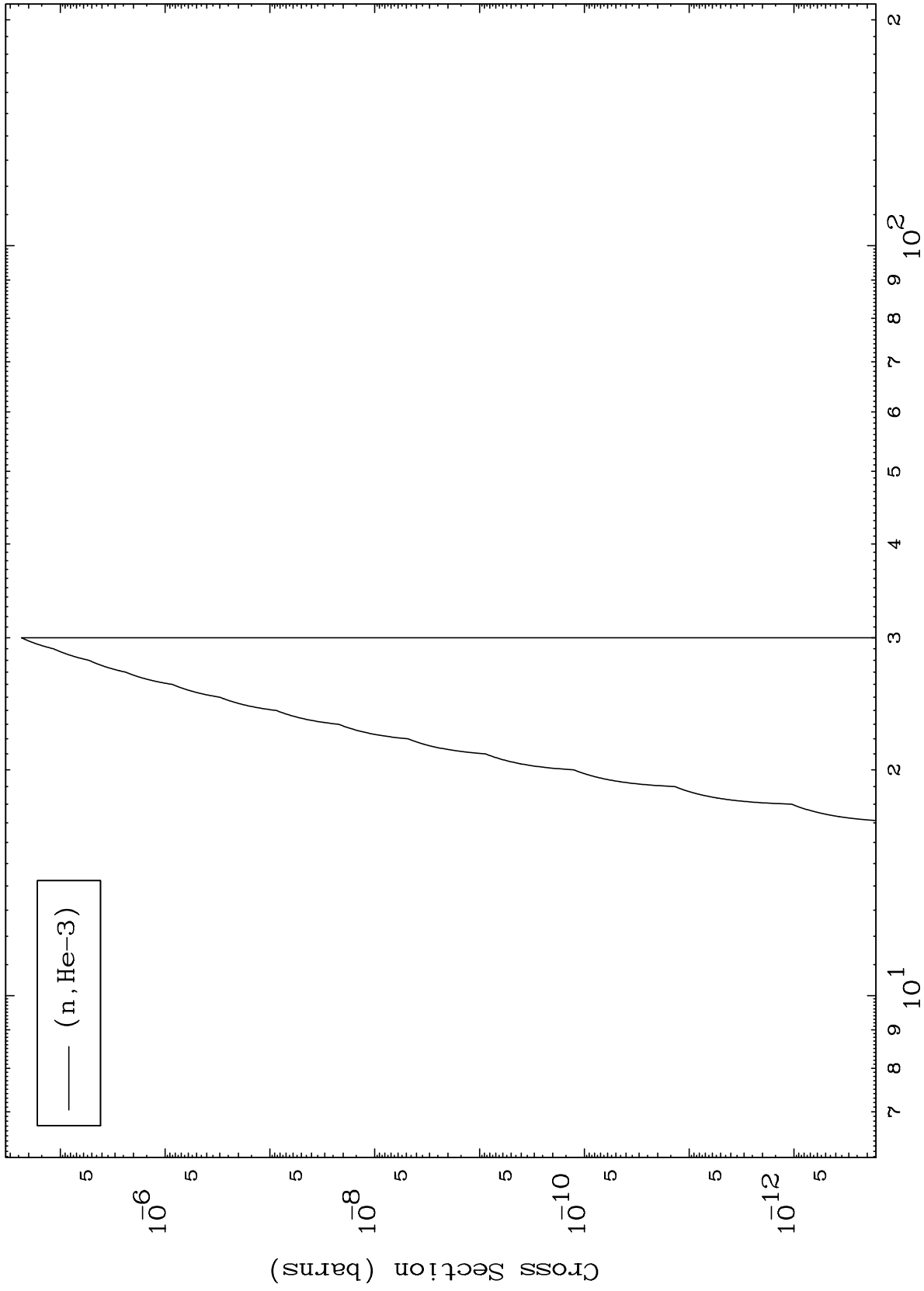
Incident Energy (MeV)

85-At-221

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(n,He3) Levels  
293 Kelvin Cross Sections

85-At-221



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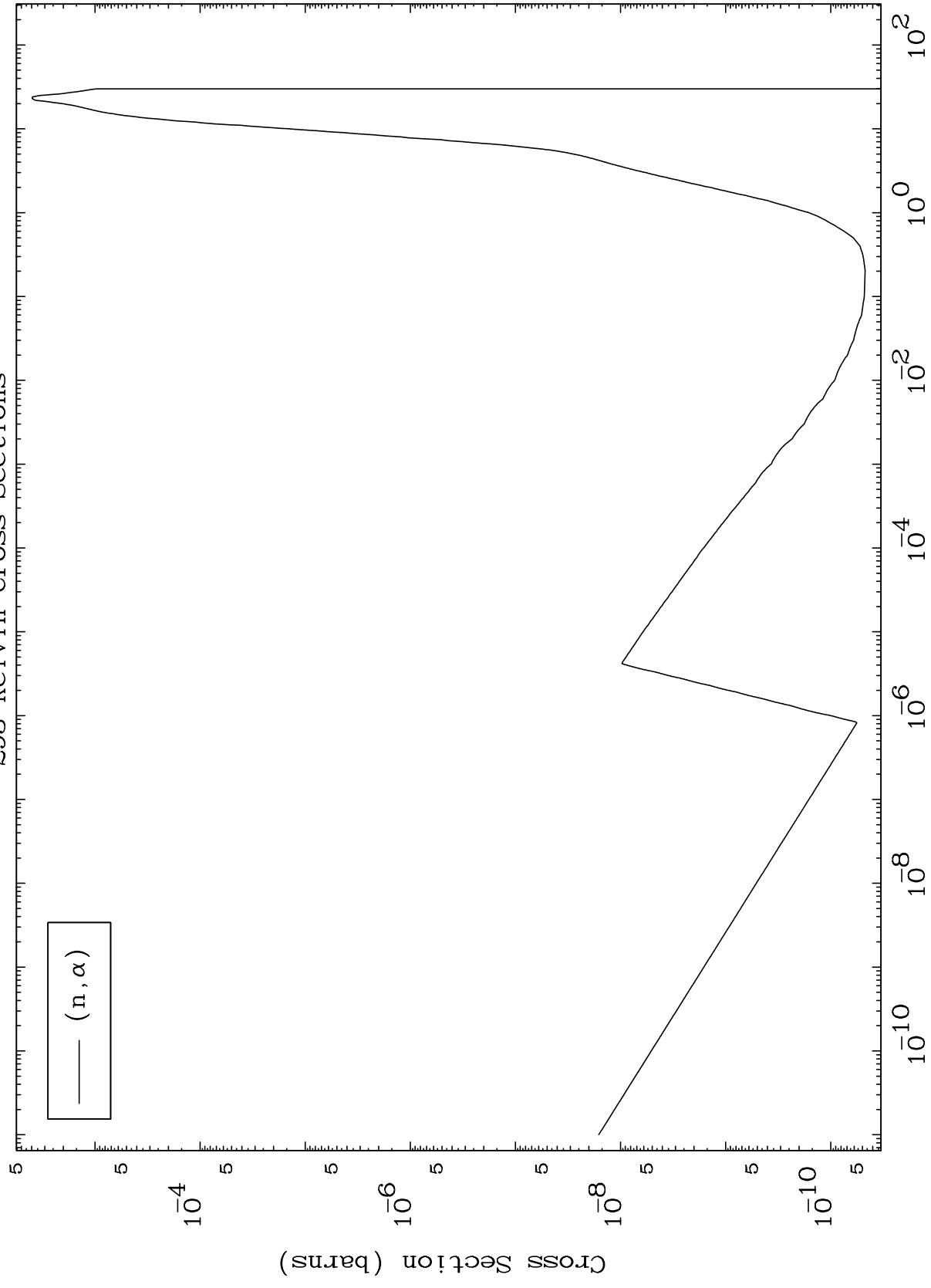
Incident Energy (MeV)

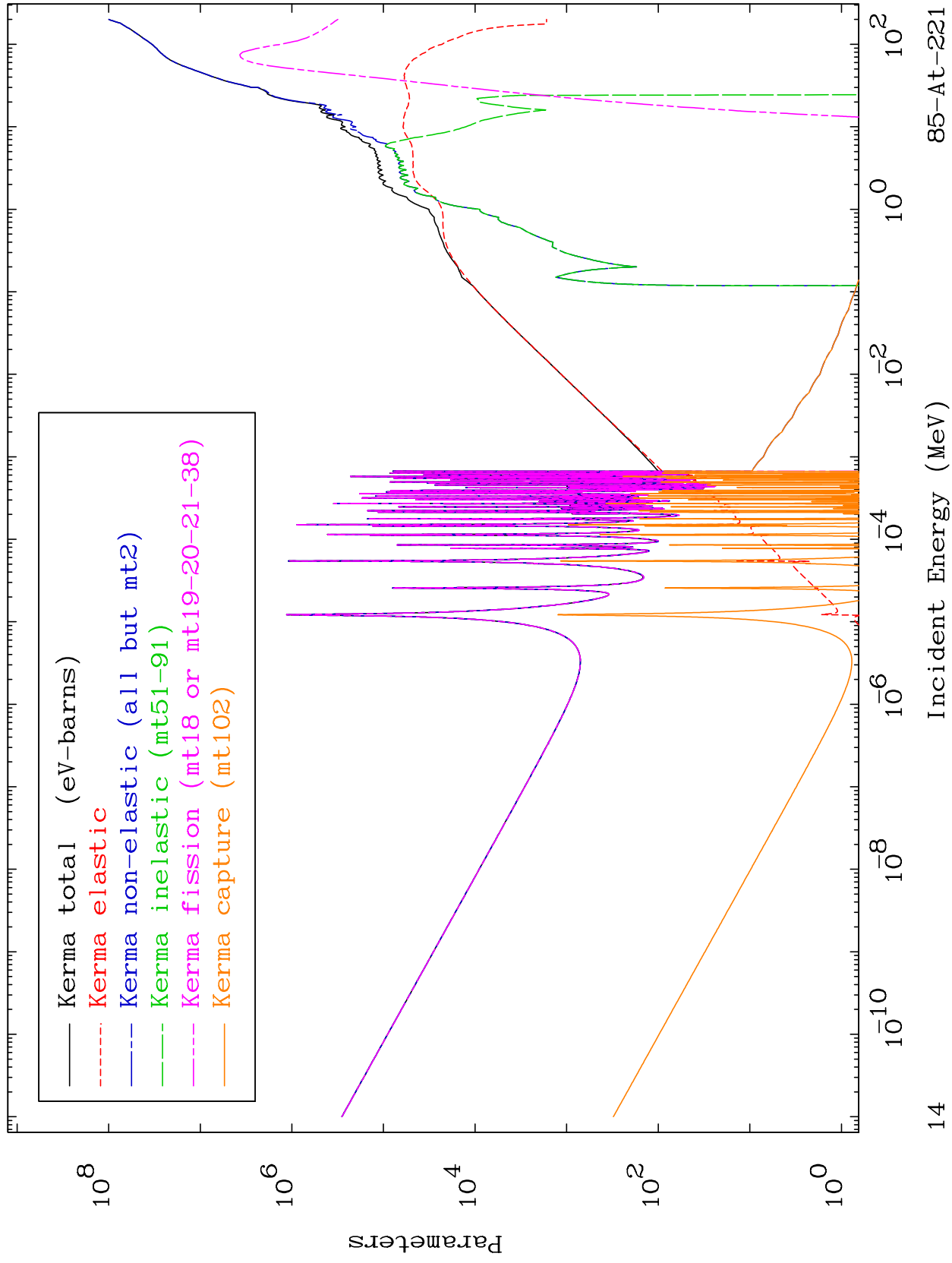
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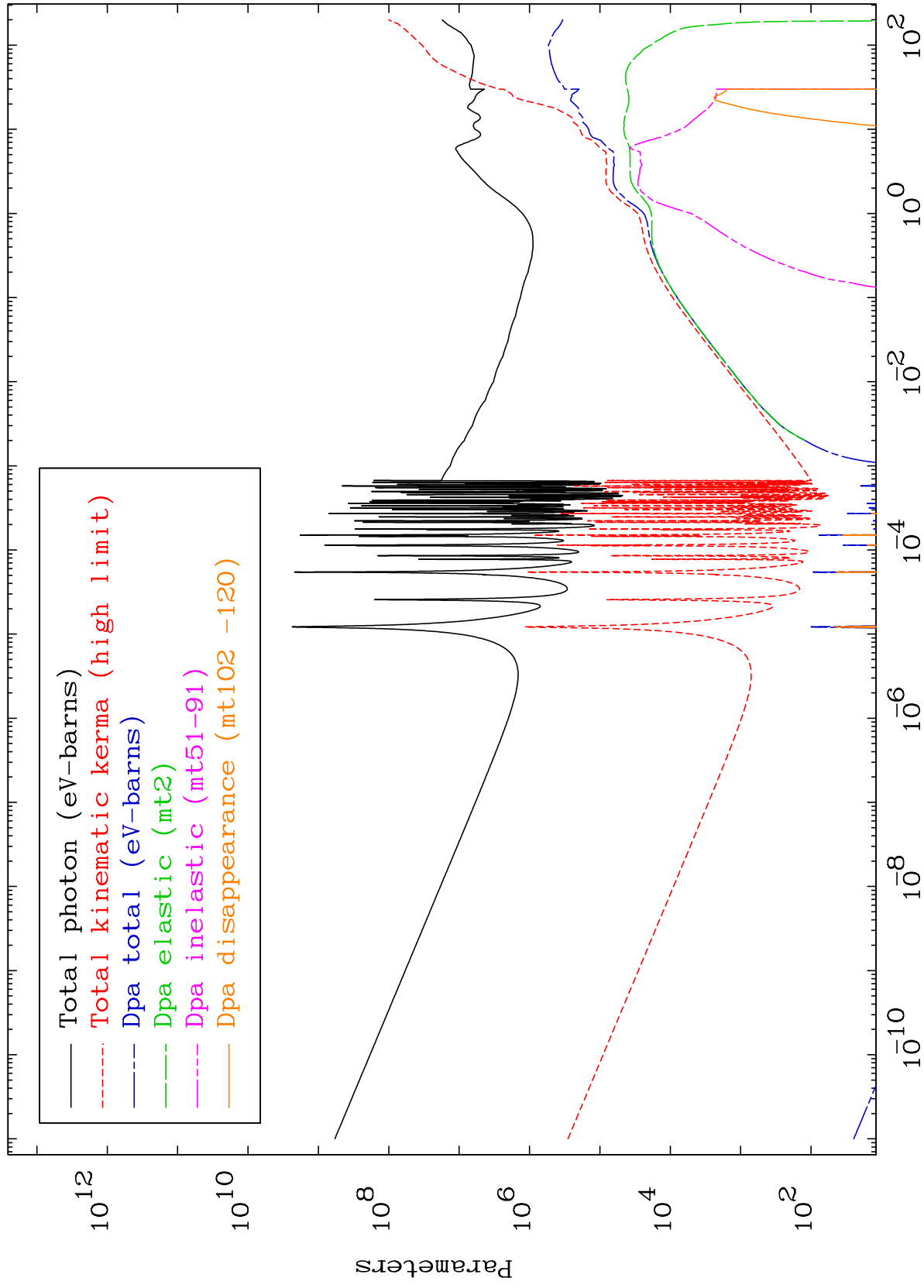
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(n,α) Levels  
293 Kelvin Cross Sections

85-At-221





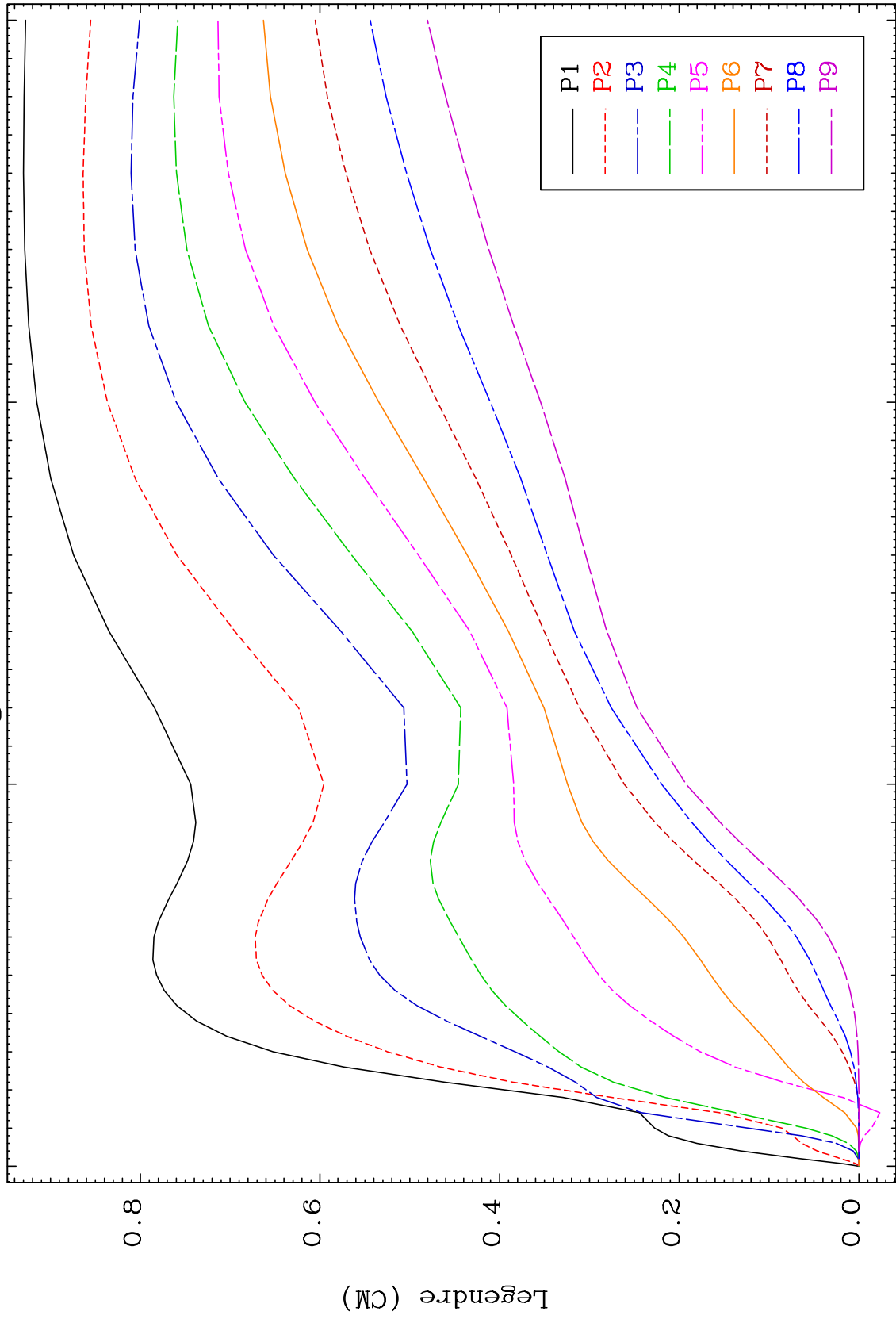




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Elastic Legendre Coefficients

85-At-221



16

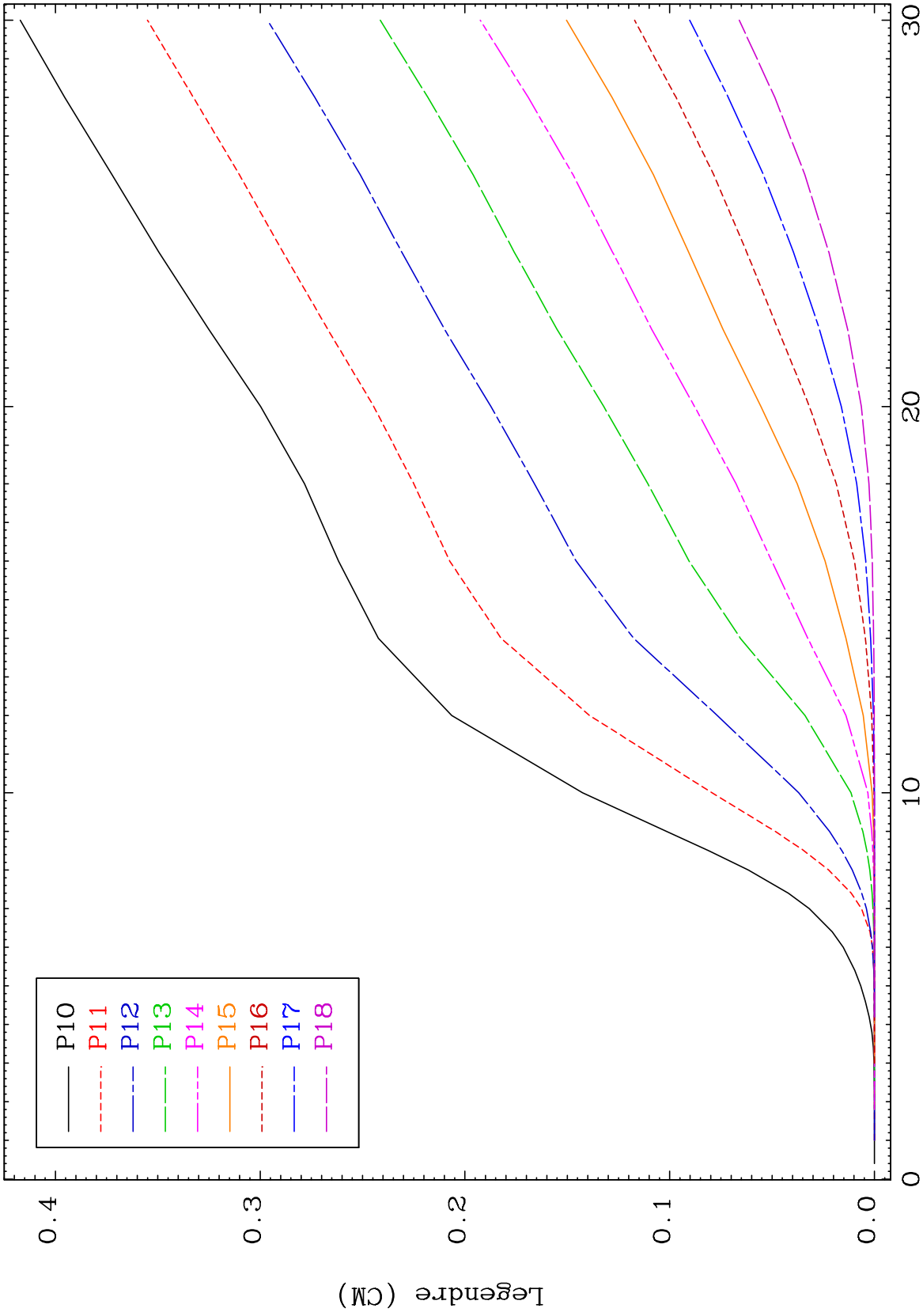
Incident Energy (MeV)

85-At-221

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Elastic Legendre Coefficients

85-At-221



17

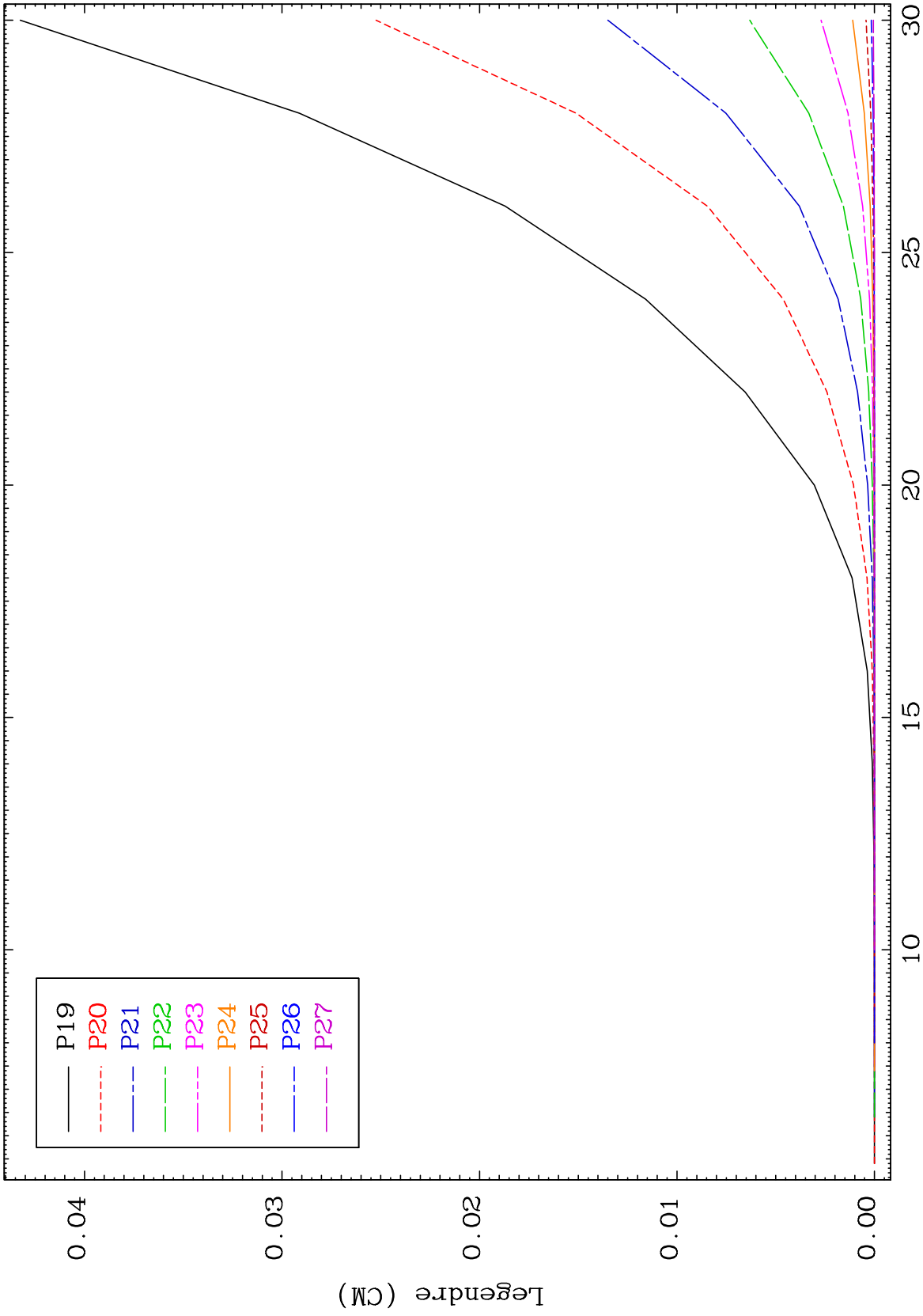
Incident Energy (MeV)

85-At-221

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### Elastic Legendre Coefficients

85-At-221



18

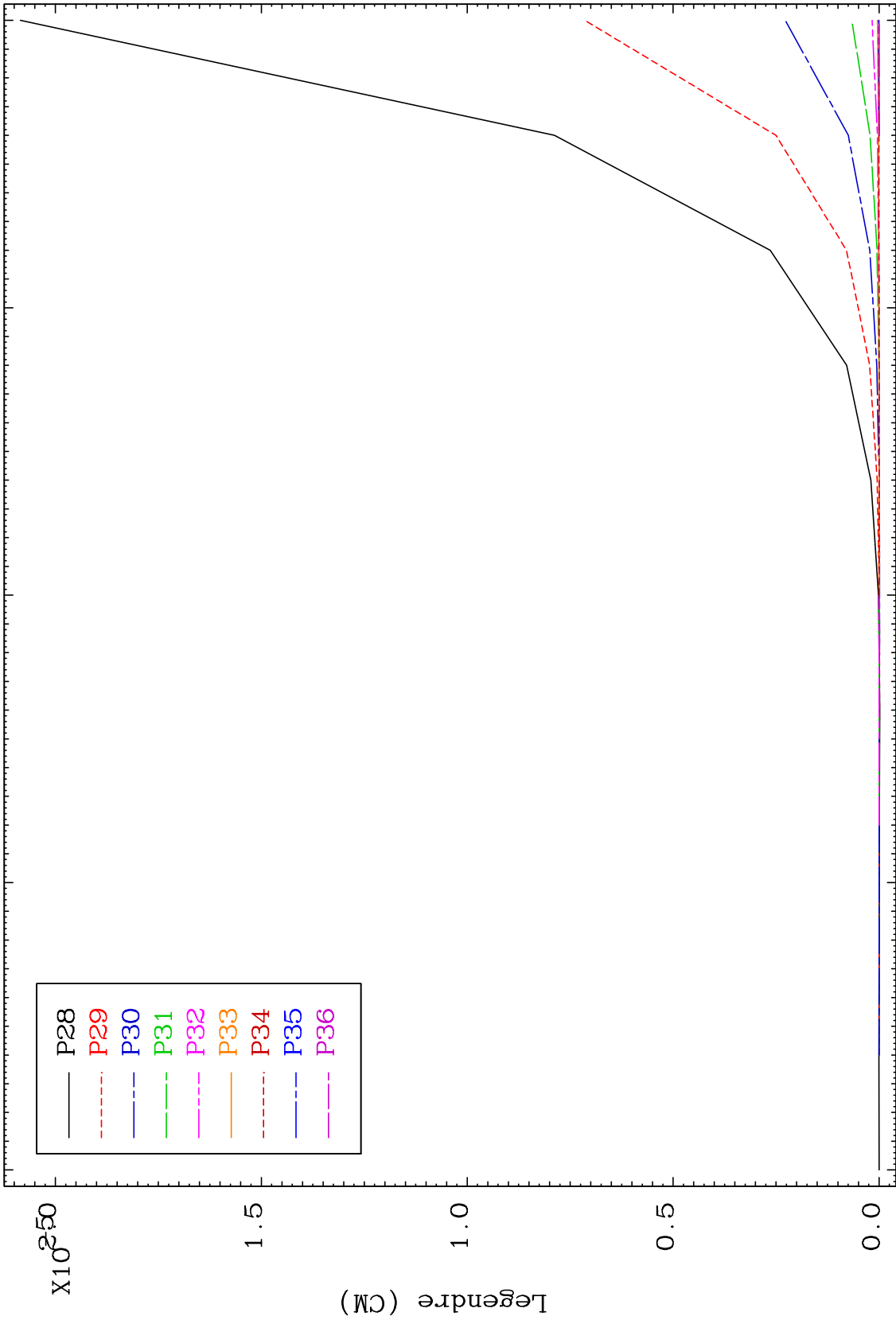
Incident Energy (MeV)

85-At-221

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Elastic Legendre Coefficients

85-At-221



19

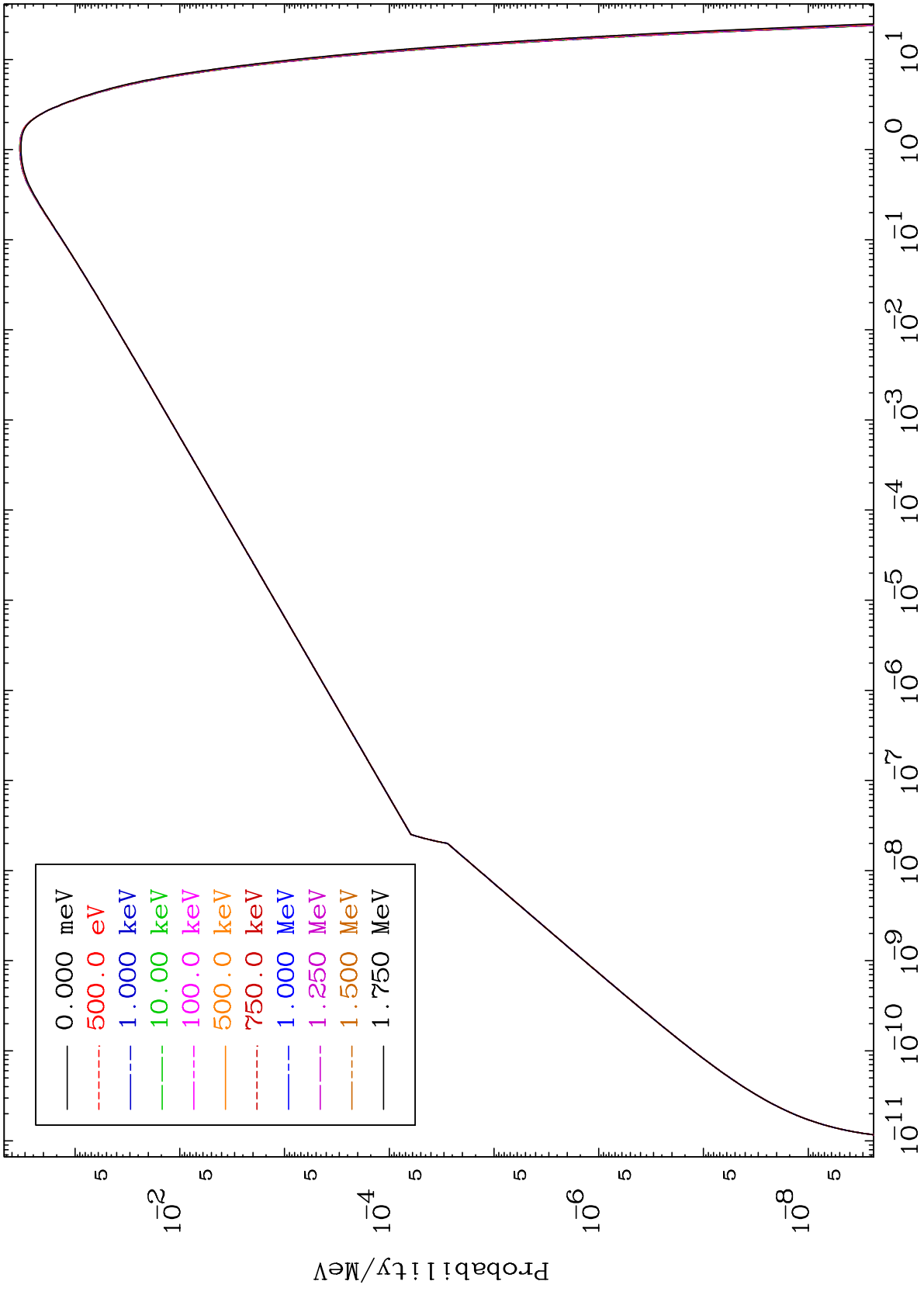
Incident Energy (MeV)

85-At-221

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# Fission Energy Distribution

85-At-221

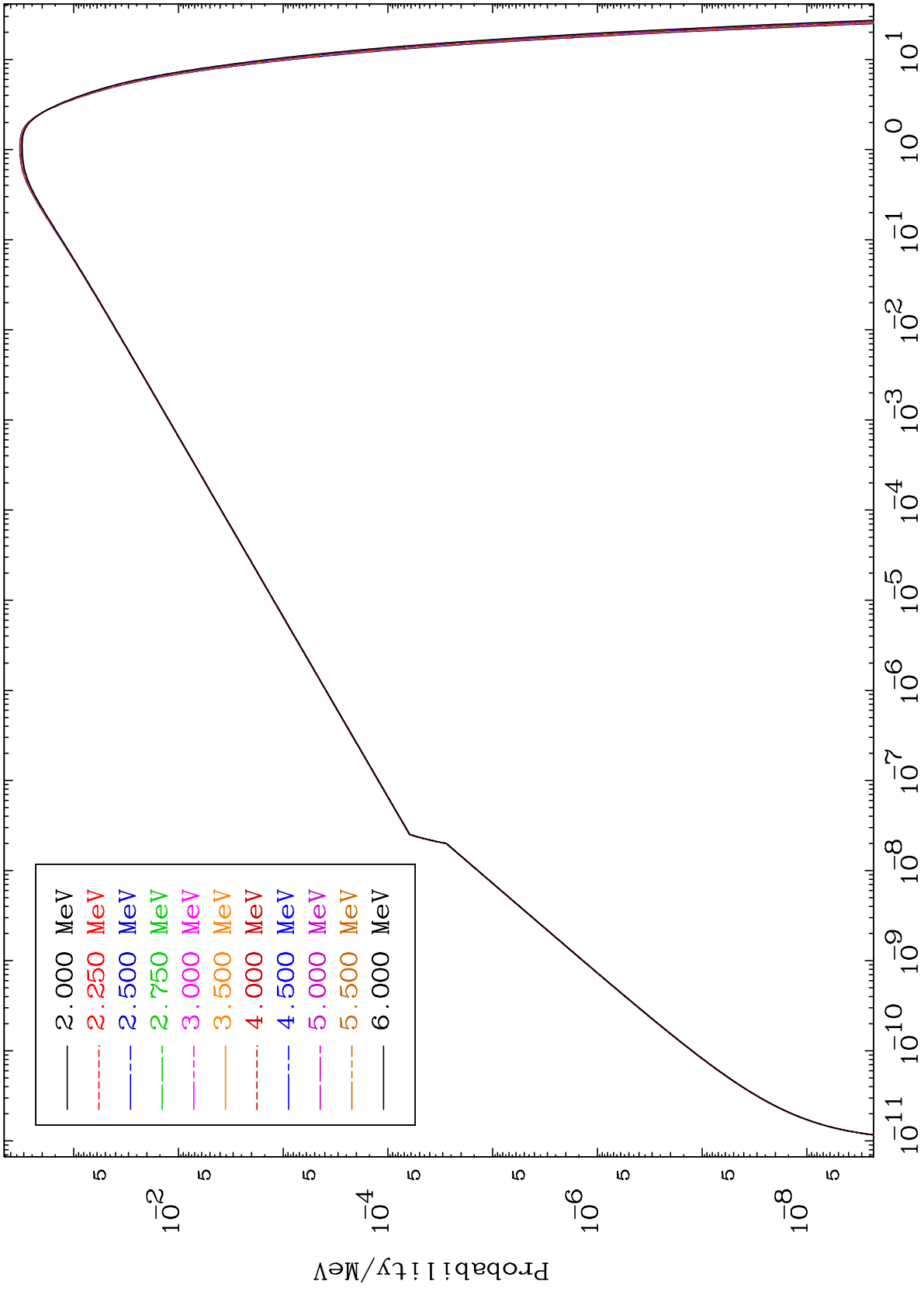


85-At-221

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### Fission Energy Distribution

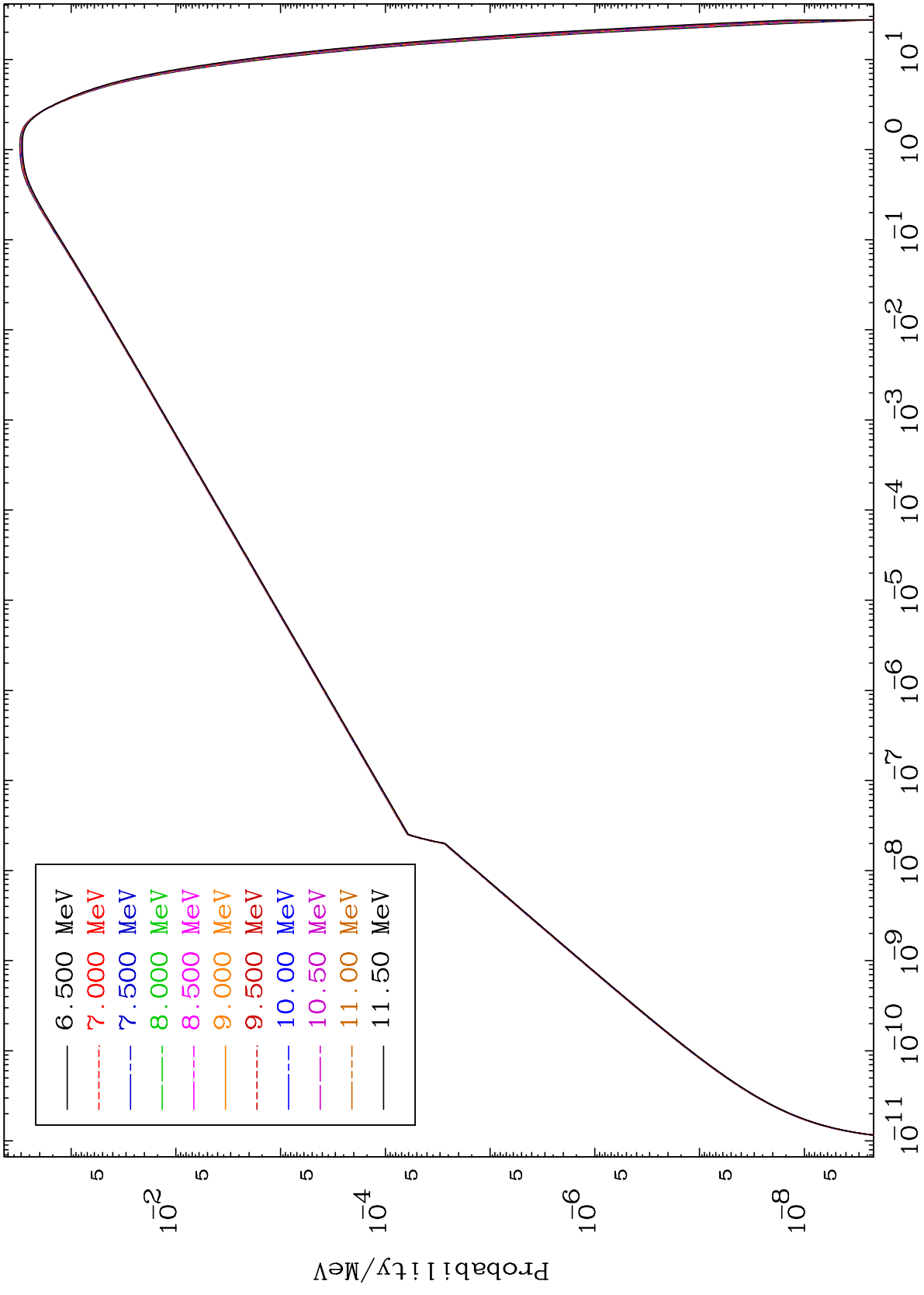
85-At-221



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### Fission Energy Distribution

85-At-221

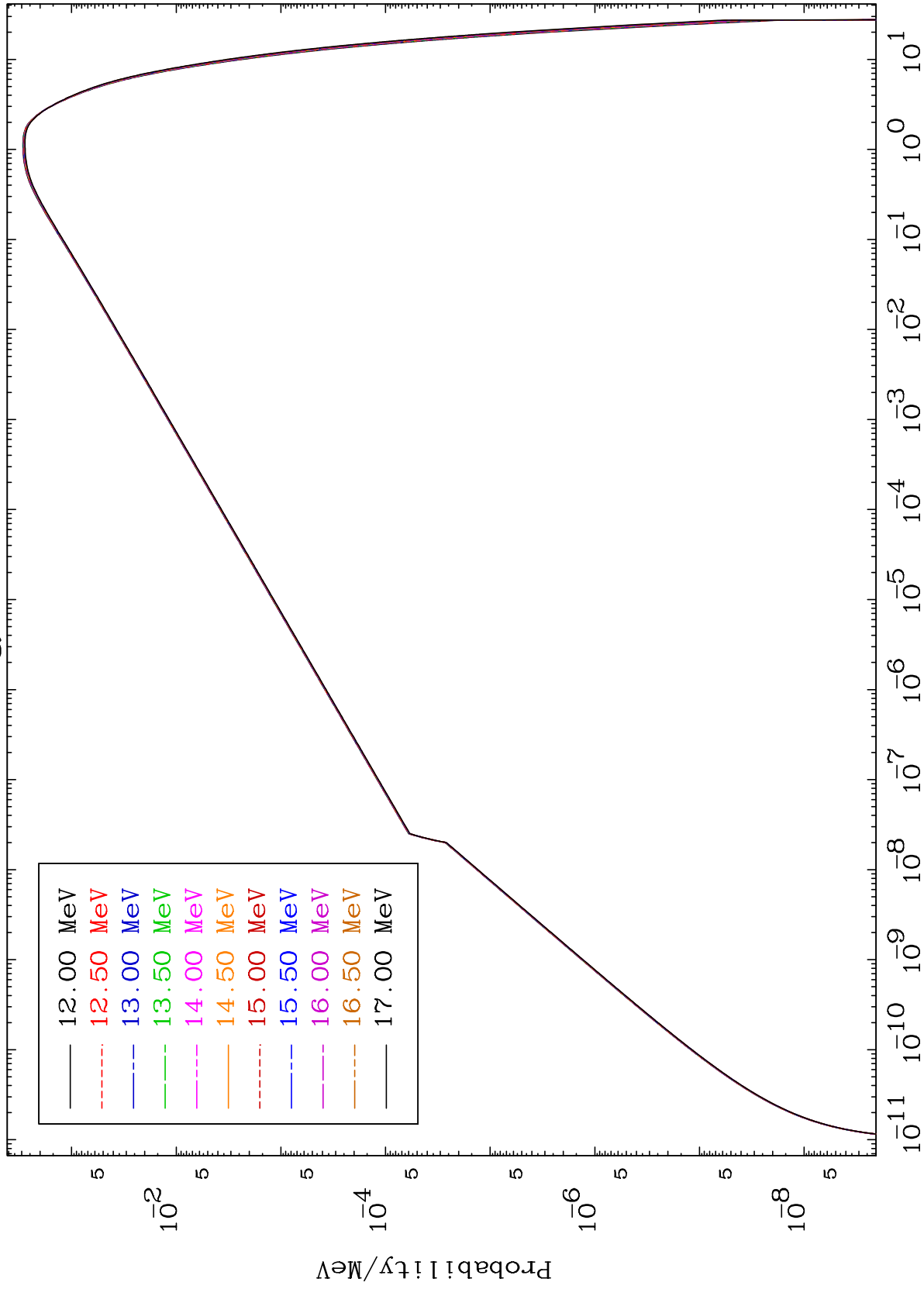


85-At-221

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# Fission Energy Distribution

85-At-221



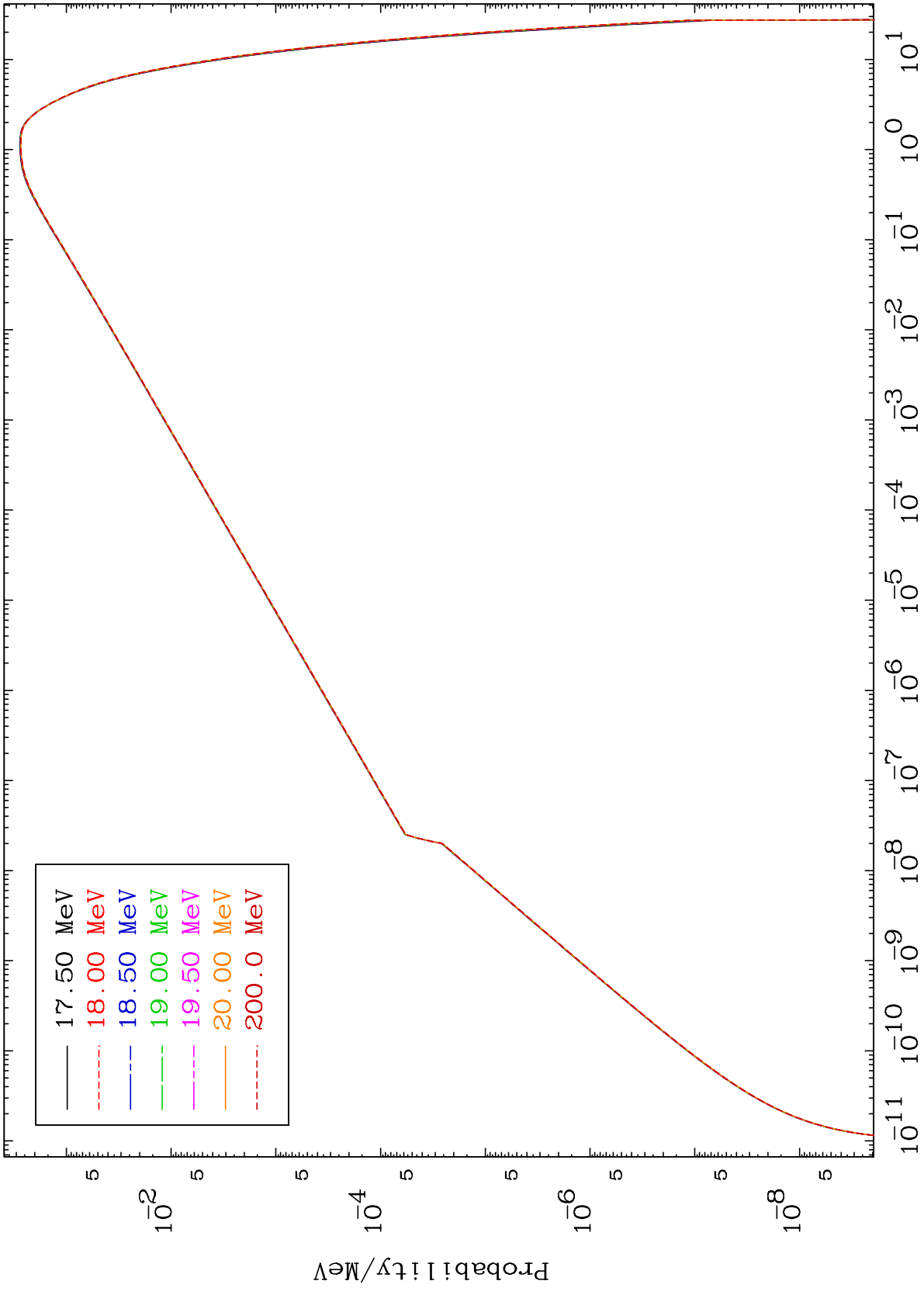
85-At-221



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### Fission Energy Distribution

85-At-221



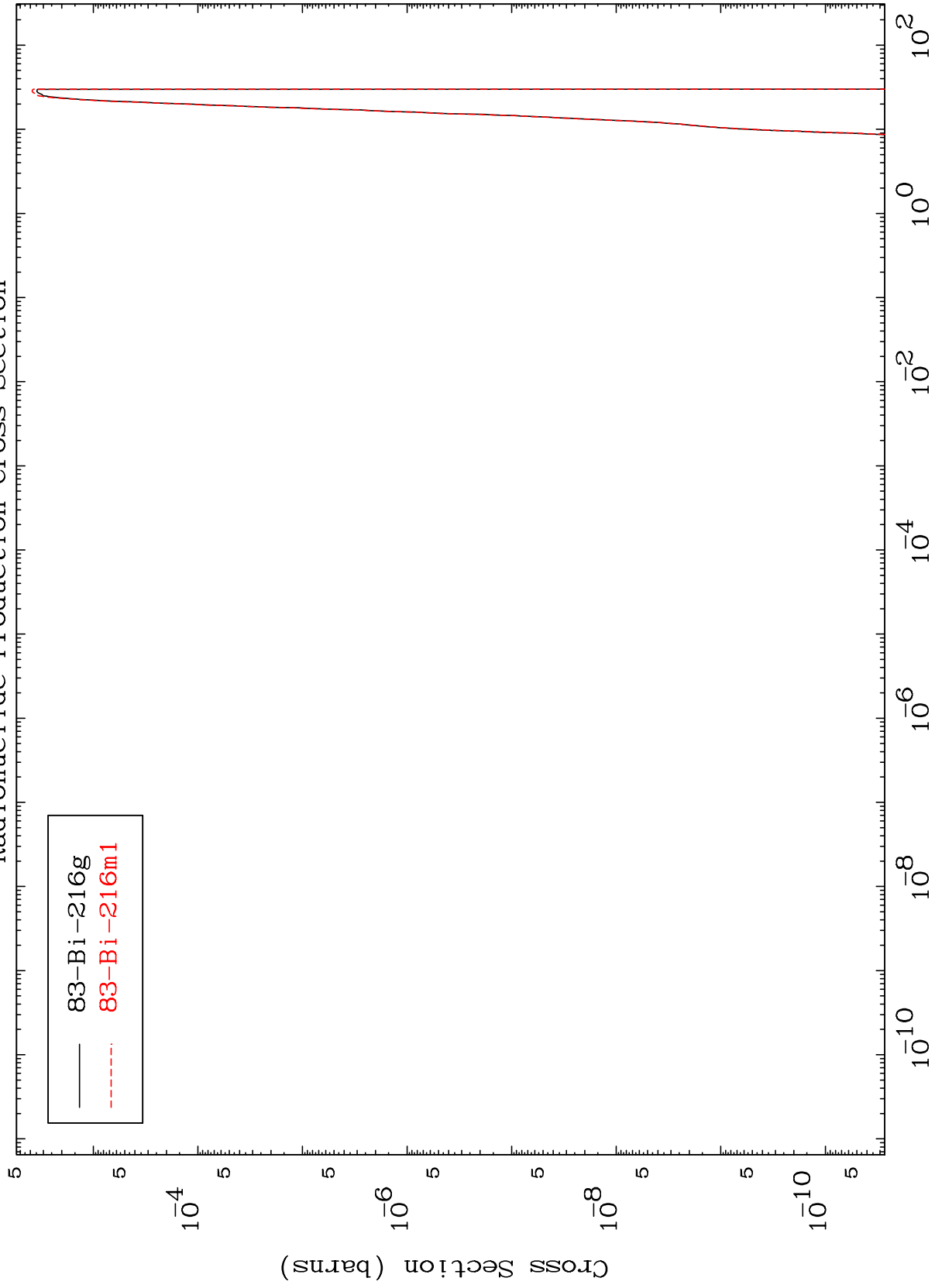
—	17.50	MeV
- - -	18.00	MeV
- · - ·	18.50	MeV
- - -	19.00	MeV
- · - ·	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

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(n,2n)  $\alpha$

85-At-221

Radionuclide Production Cross Section



25

Incident Energy (MeV)

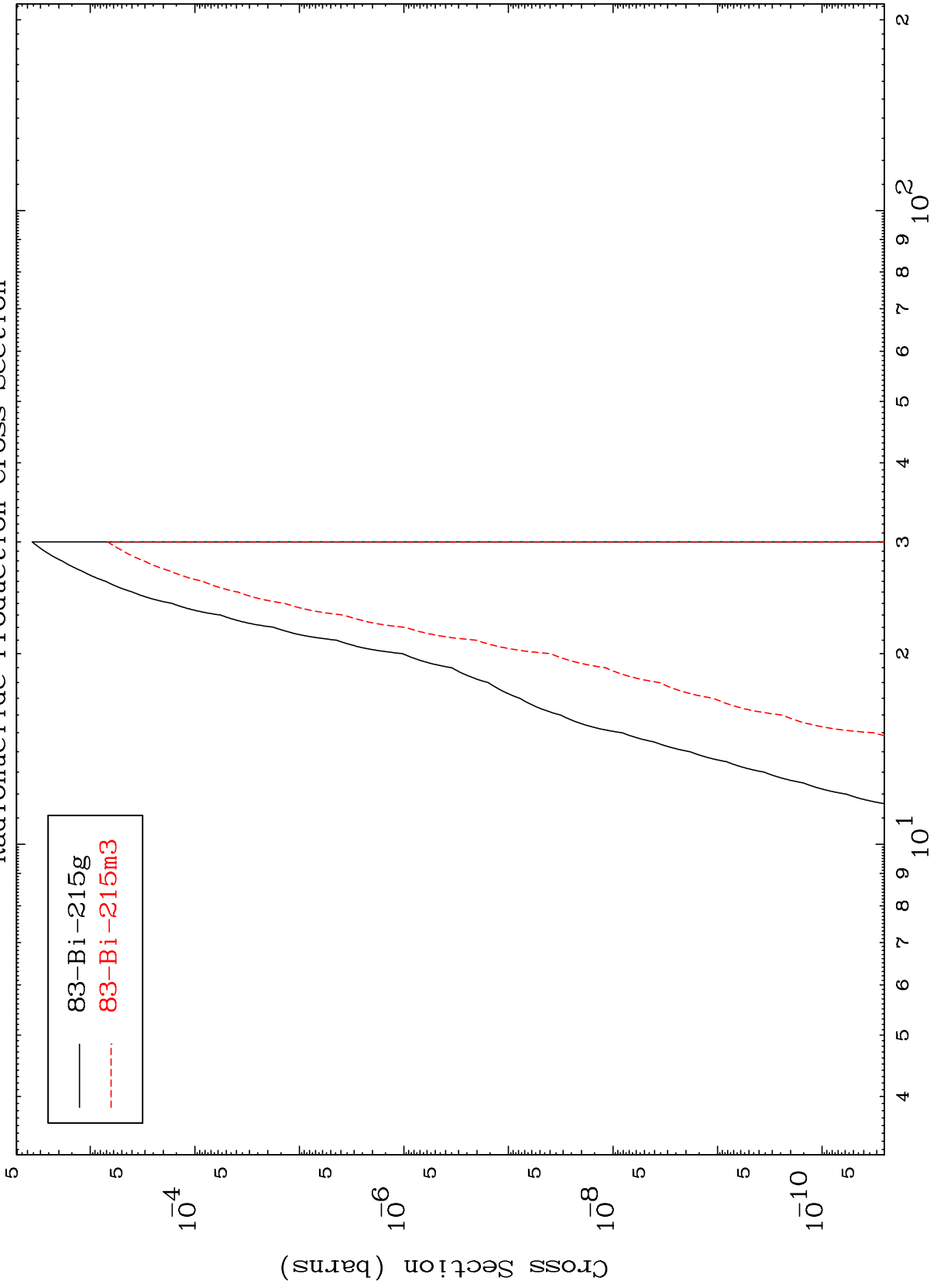
85-At-221

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(n,3n)  $\alpha$

85-At-221

Radionuclide Production Cross Section



26

Incident Energy (MeV)

85-At-221