

Program EVALPLOT  
(Version 2021-1)

by

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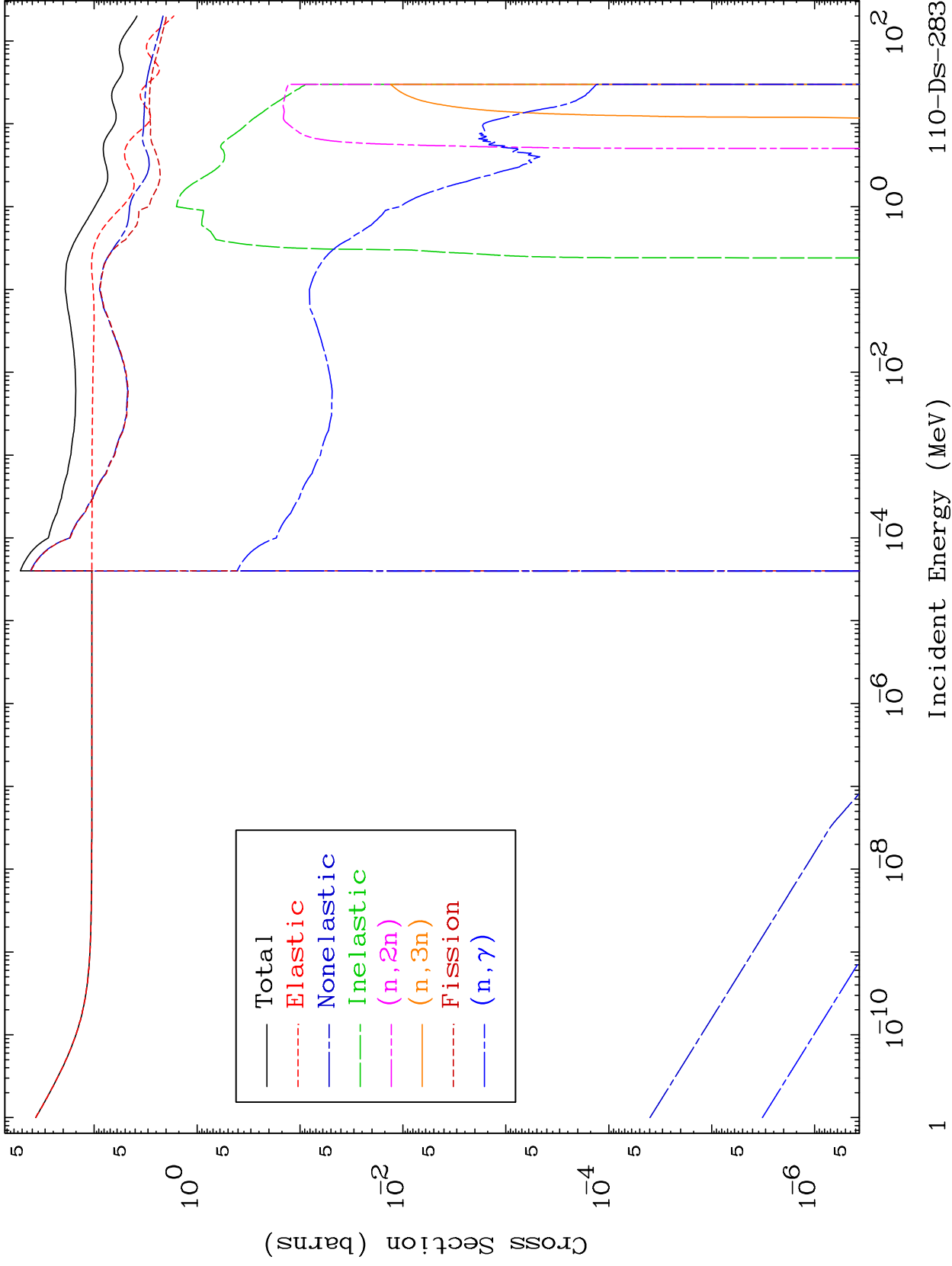
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1083

Neutron Major  
293 Kelvin Cross Sections

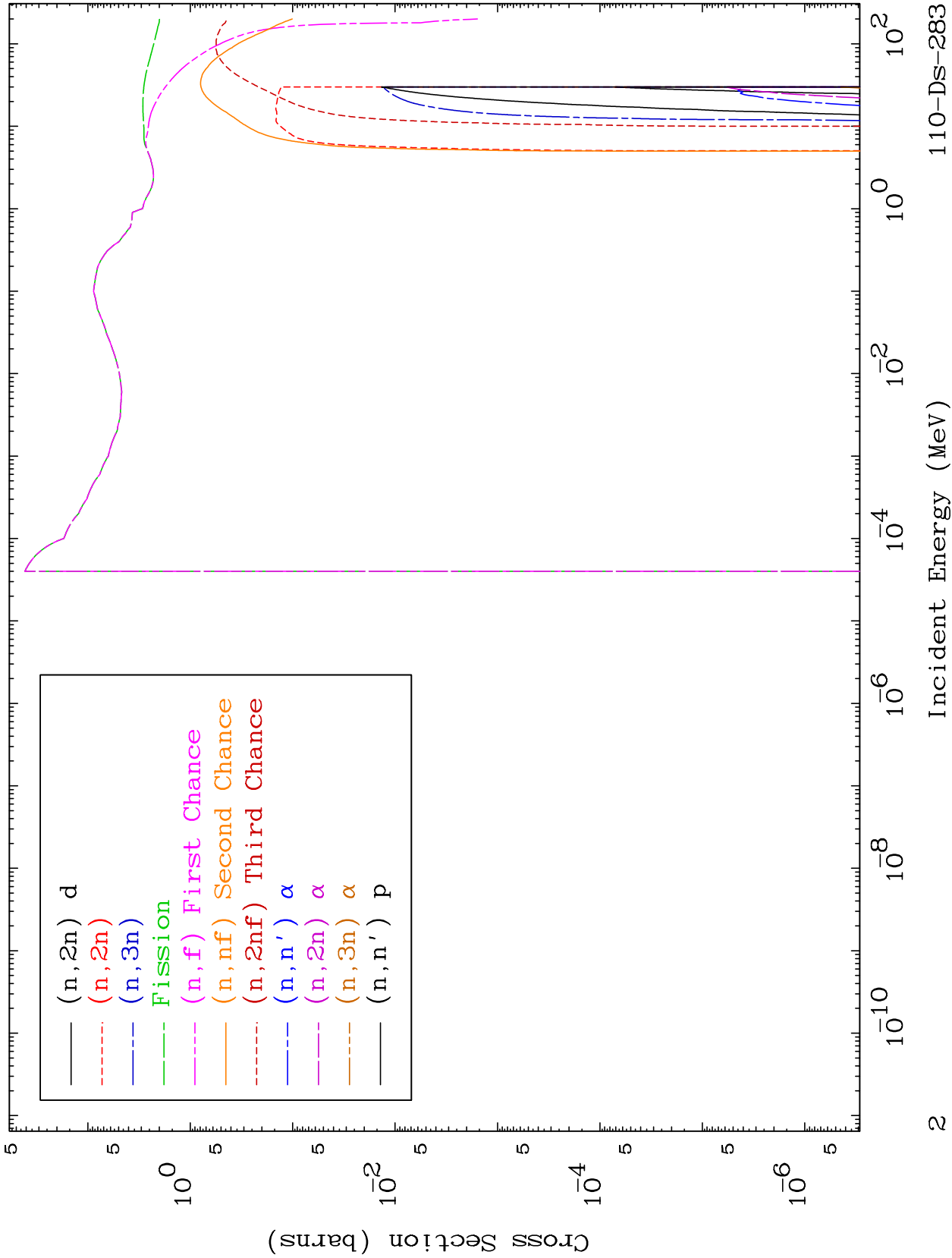
110-Ds-283



MAT 1083

Neutron Absorption  
293 Kelvin Cross Sections

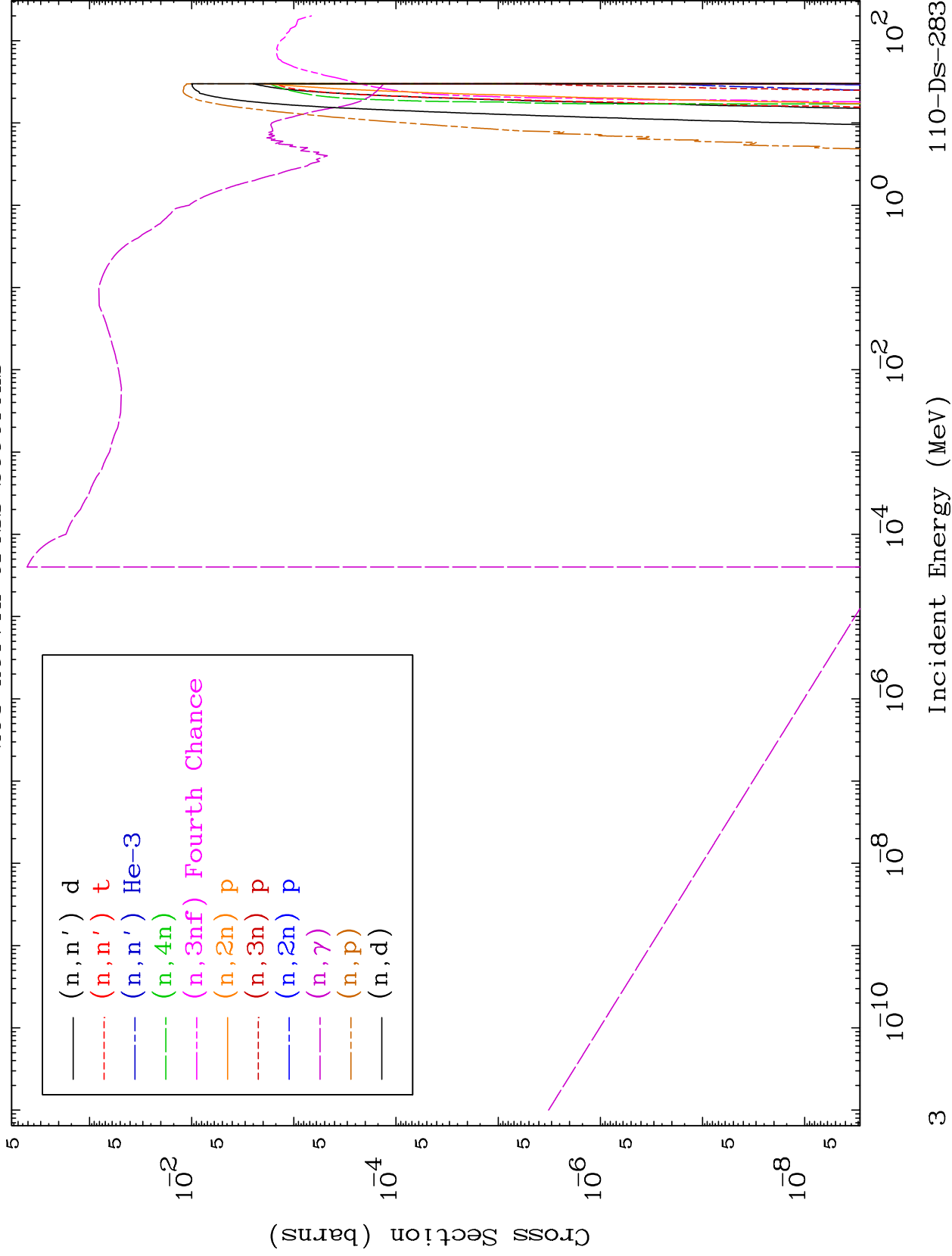
110-Ds-283



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Neutron Absorption  
293 Kelvin Cross Sections

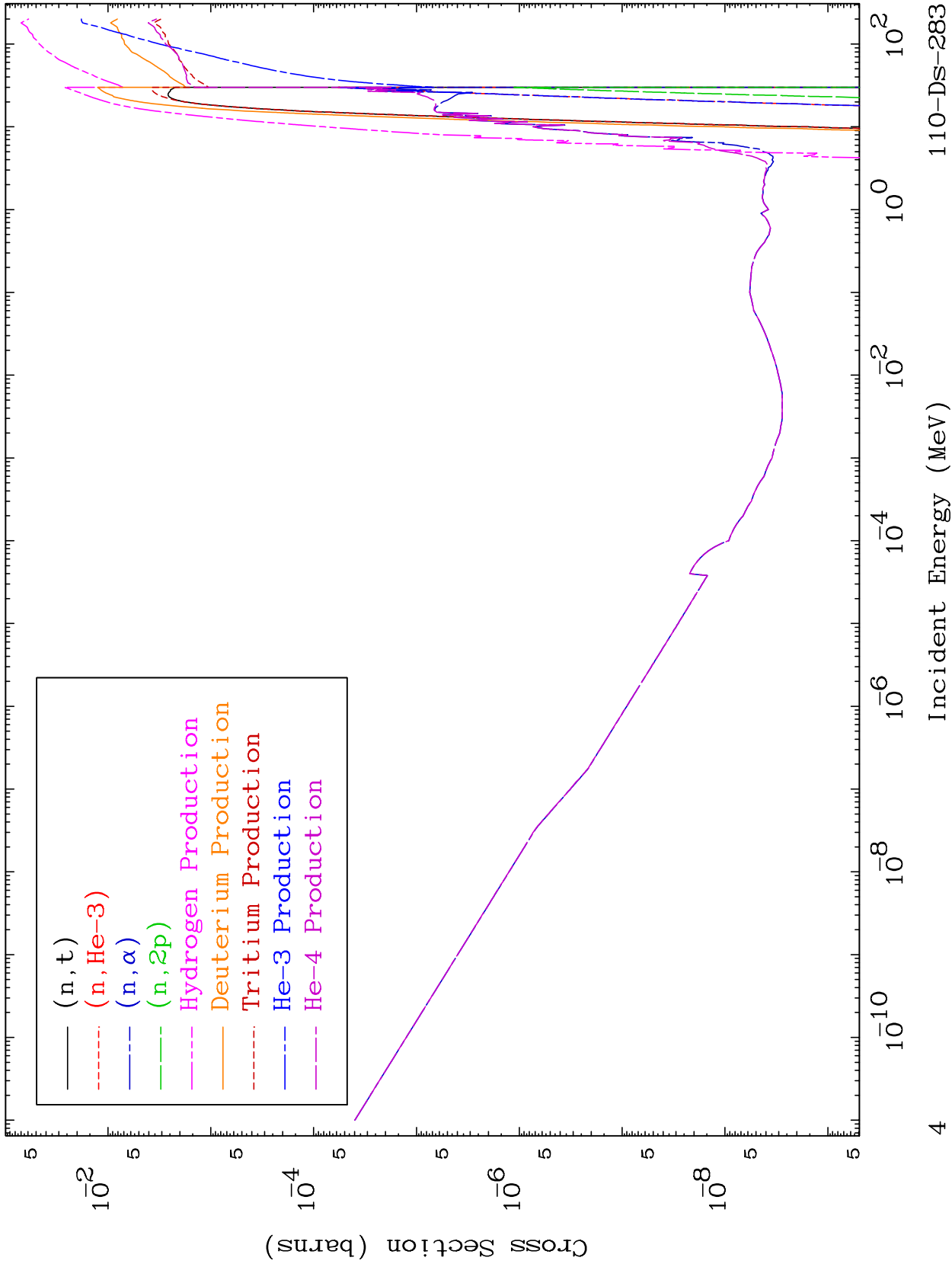
110-Ds-283



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Neutron Absorption  
293 Kelvin Cross Sections

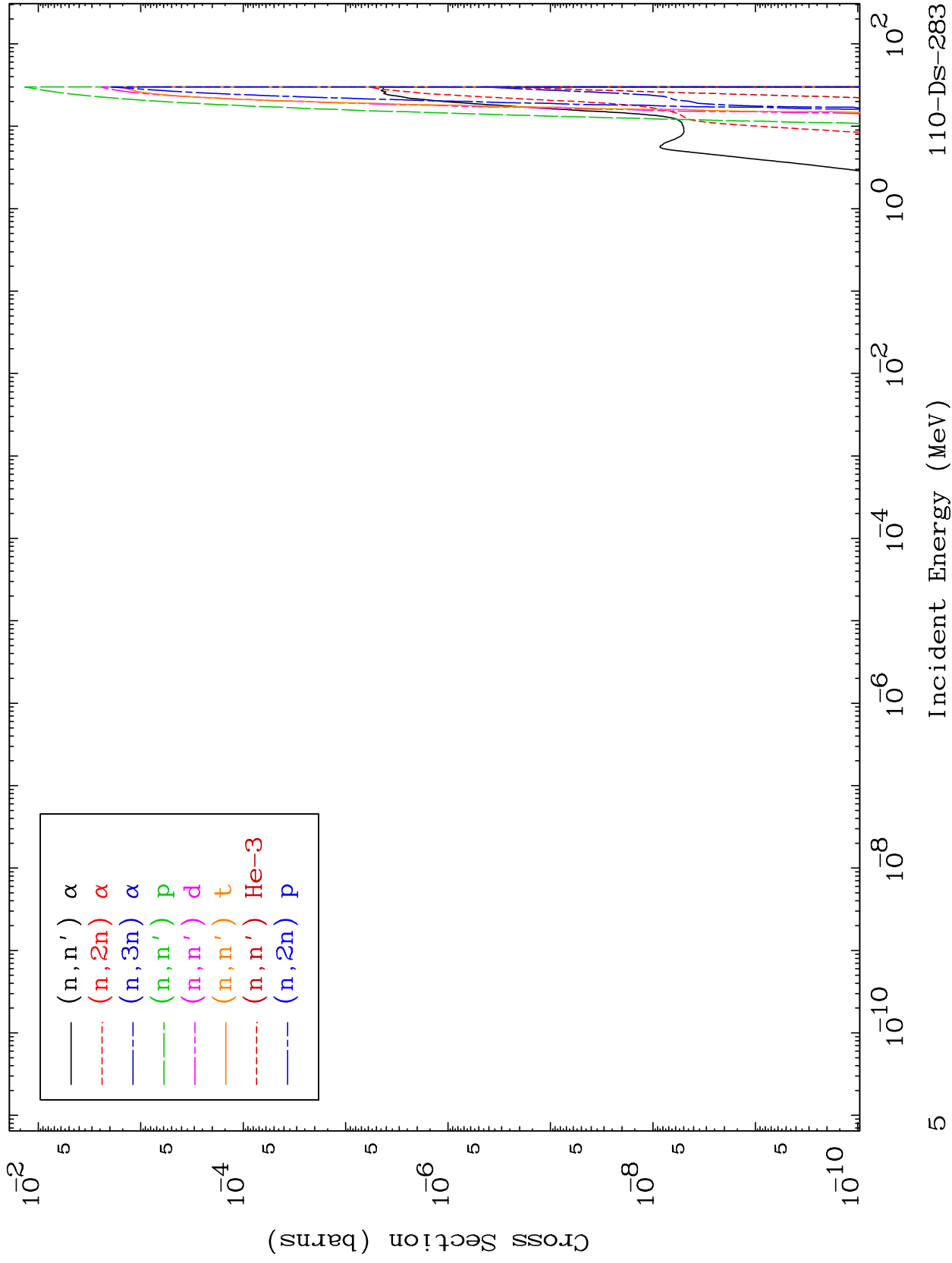
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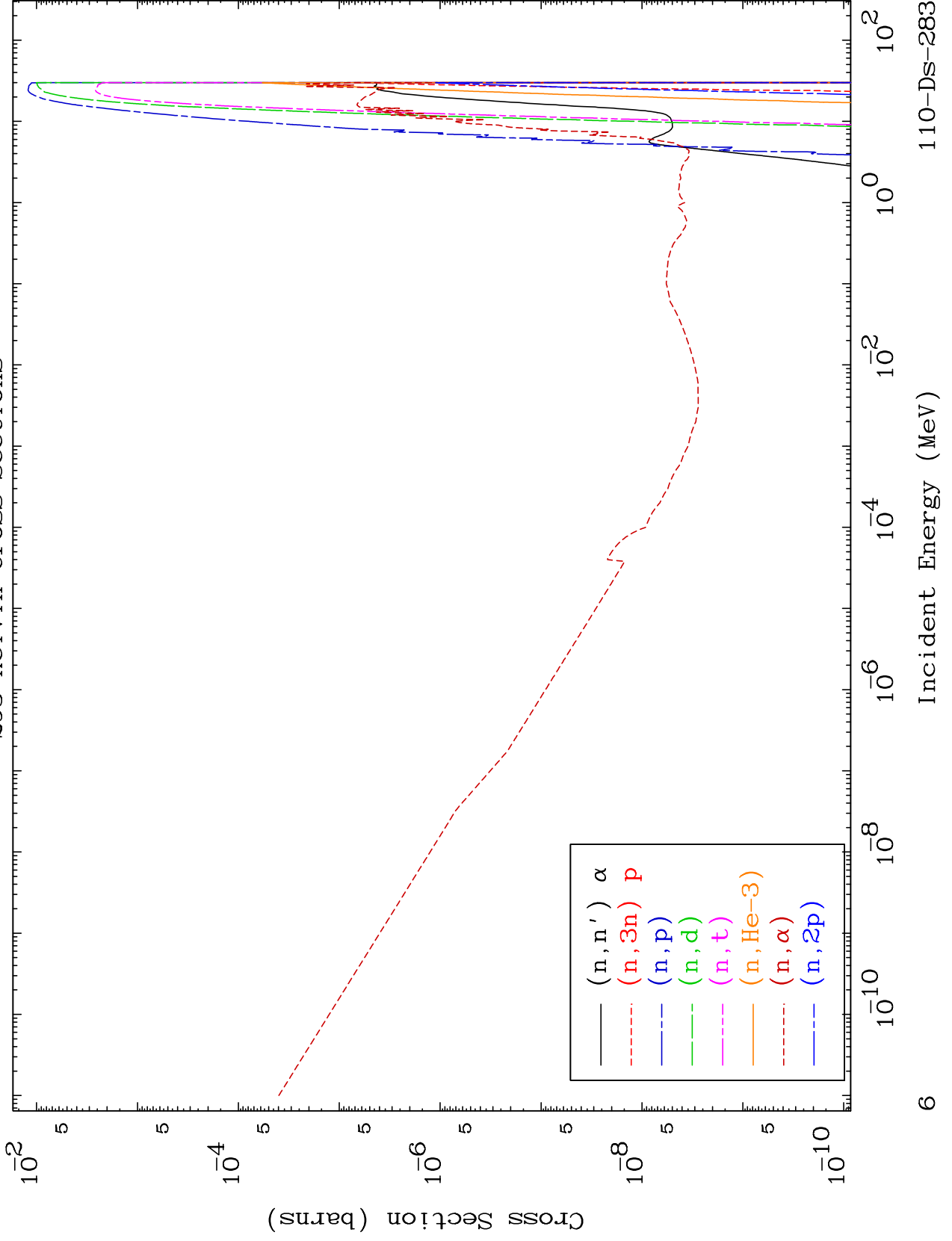


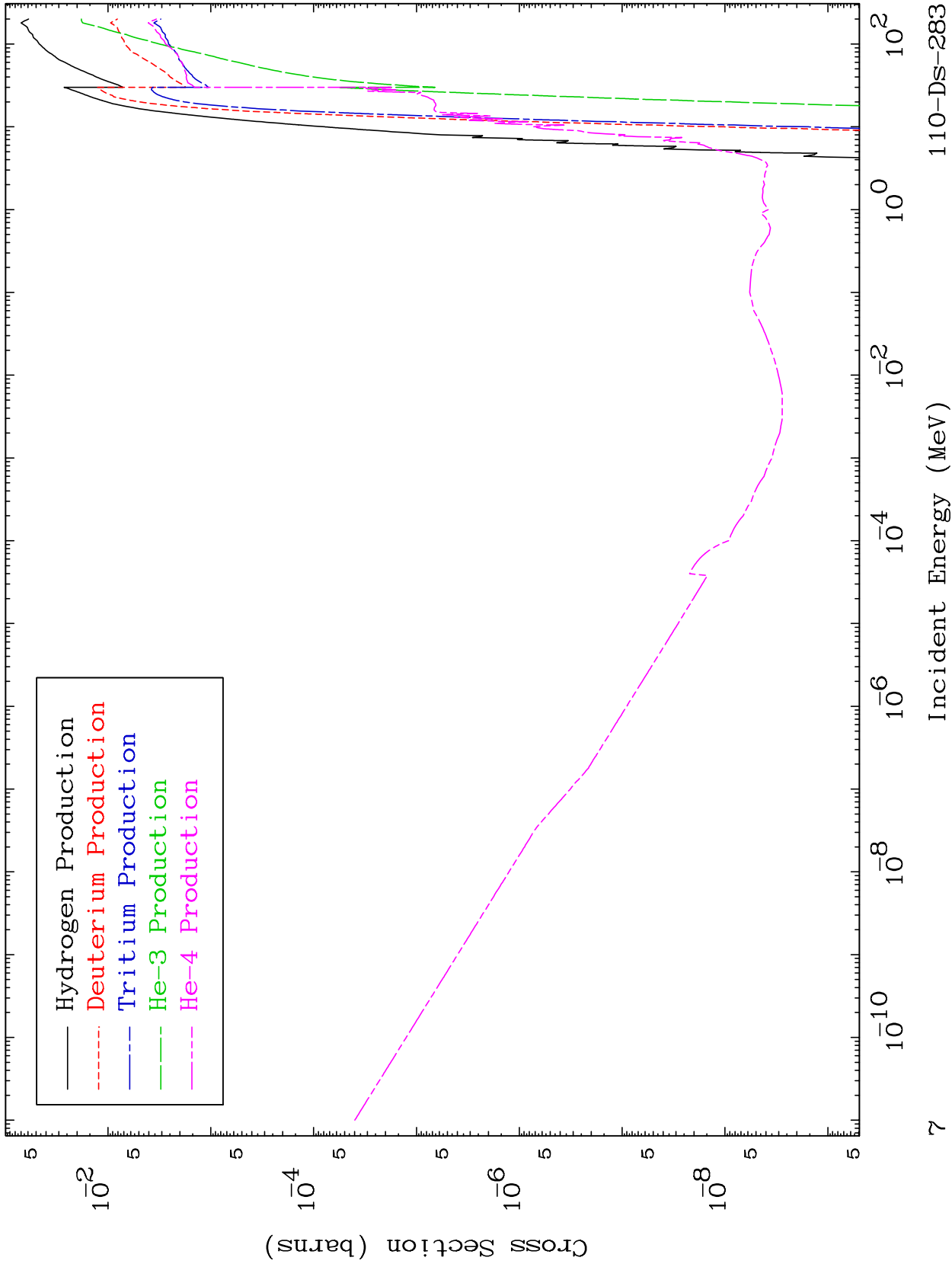
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Charged Particle  
293 Kelvin Cross Sections

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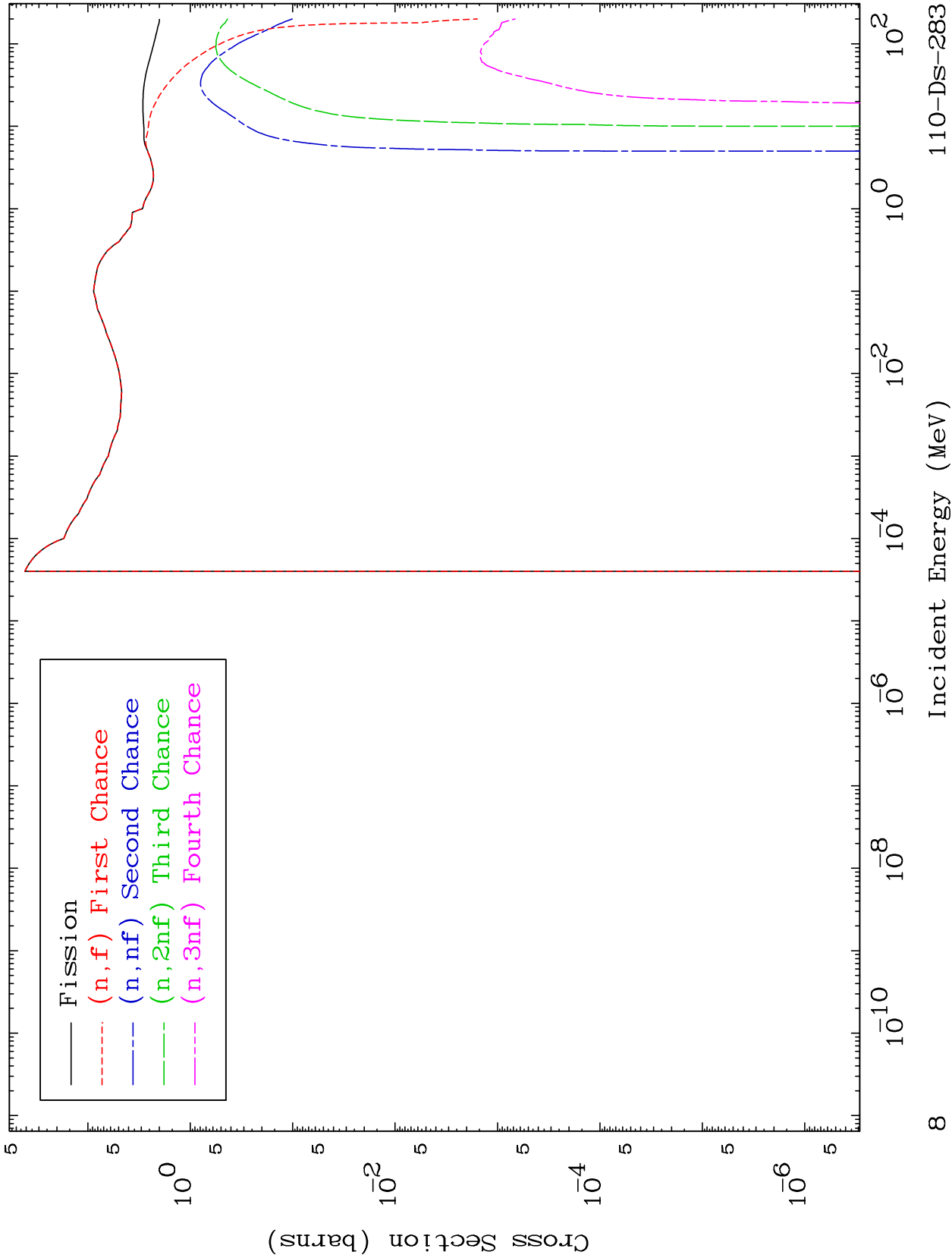




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Fission  
293 Kelvin Cross Sections

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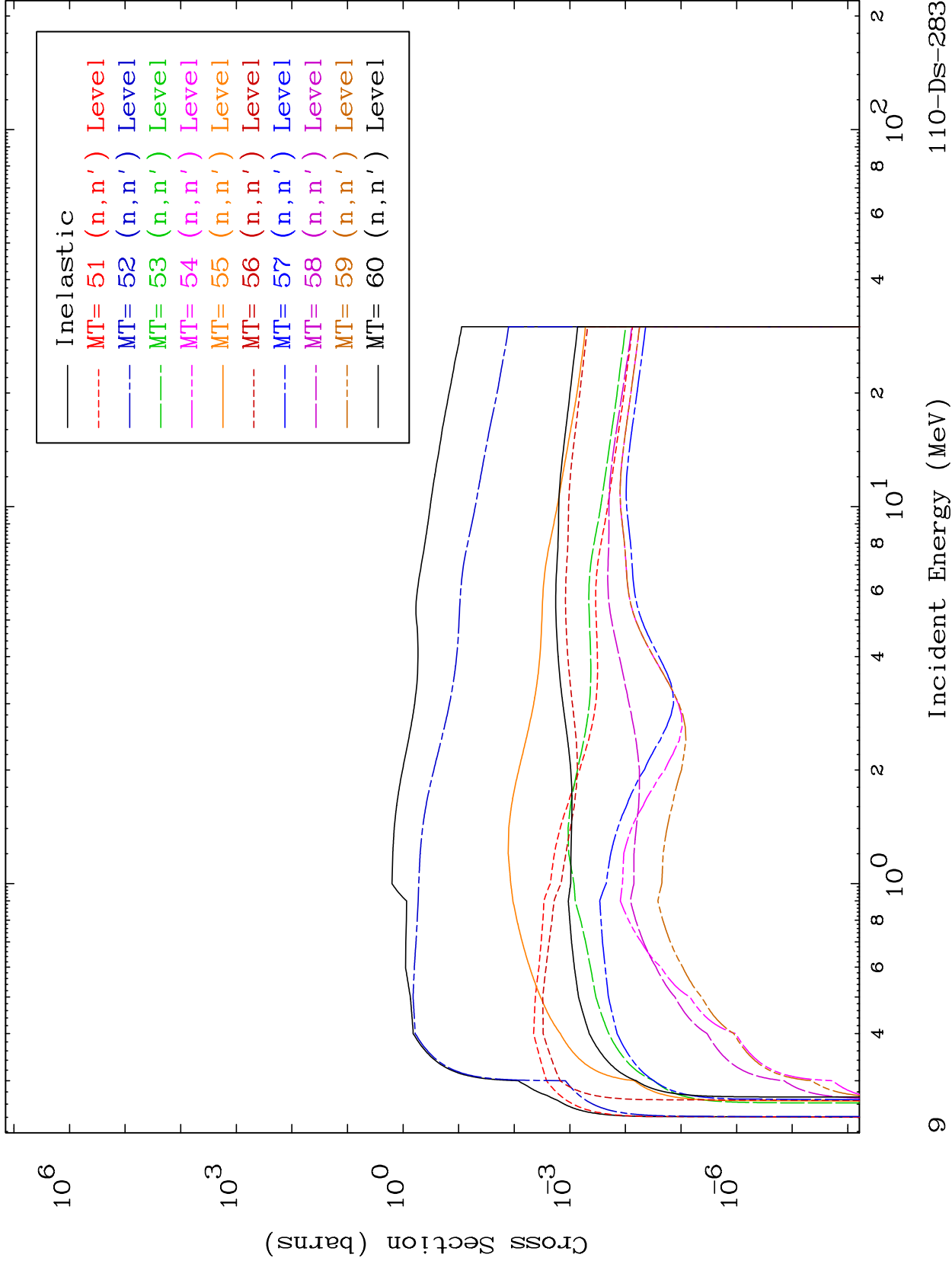


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(n,n') Levels

293 Kelvin Cross Sections

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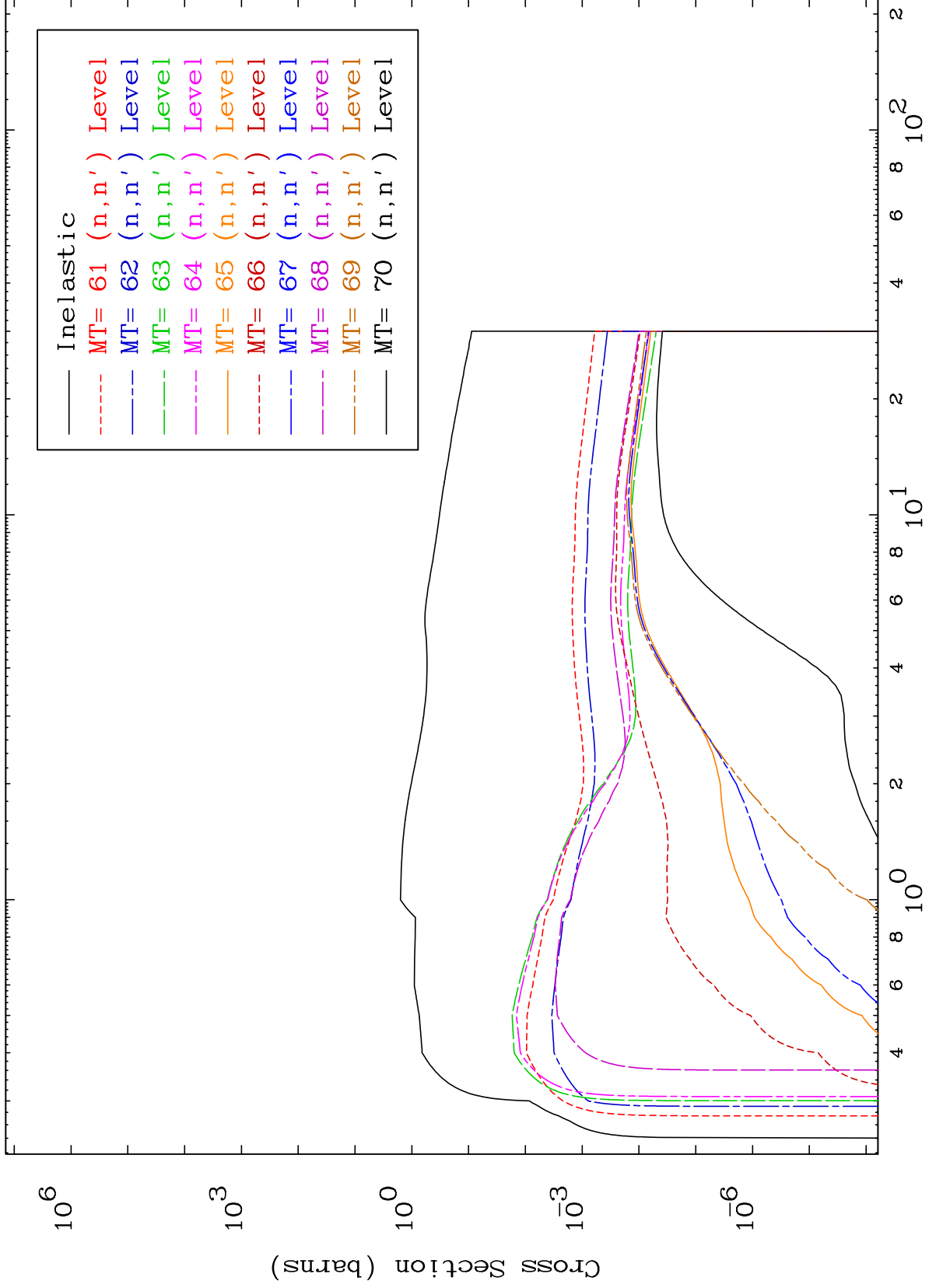


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(n,n') Levels

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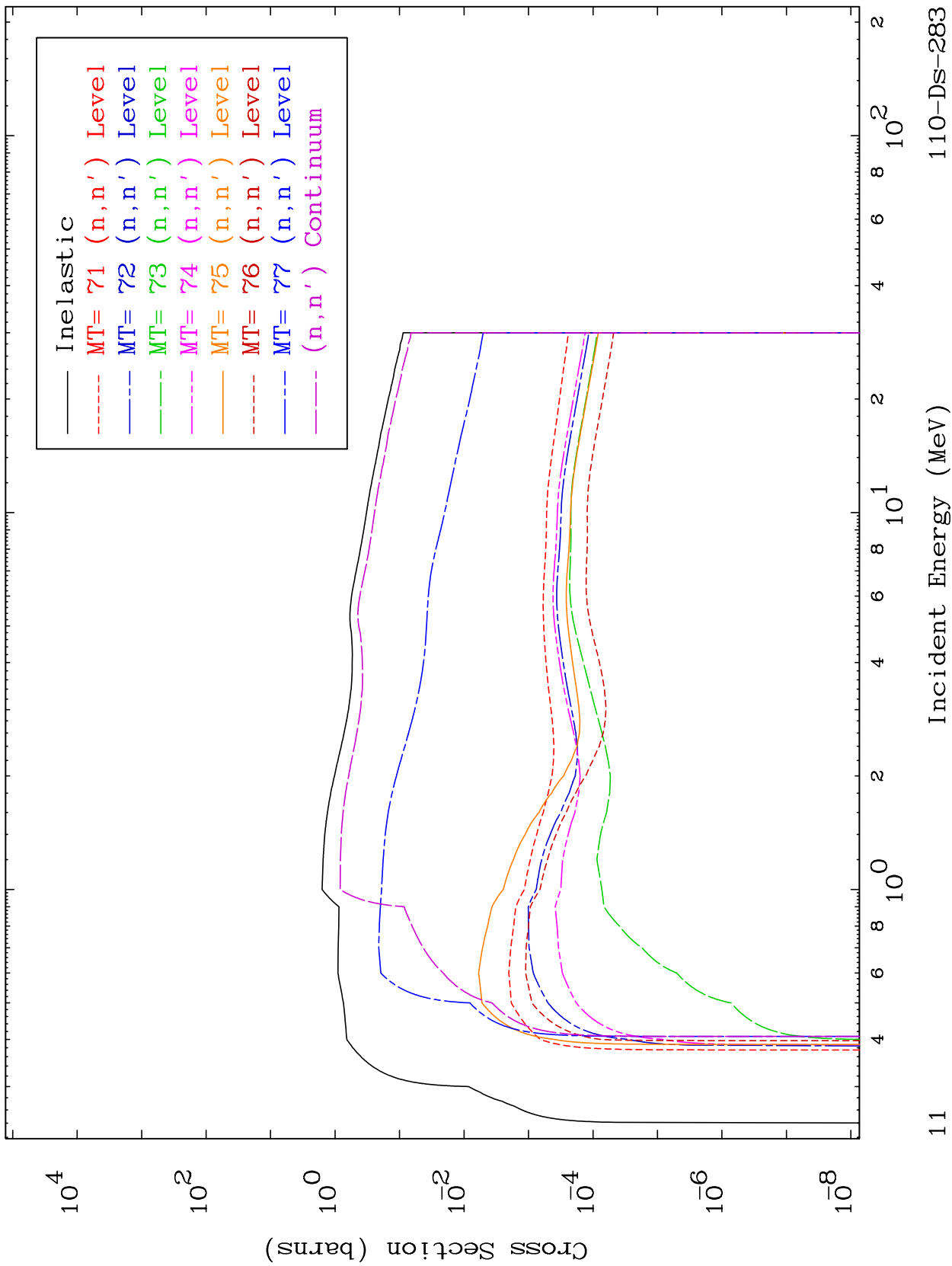
293 Kelvin Cross Sections



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Incident Energy (MeV)

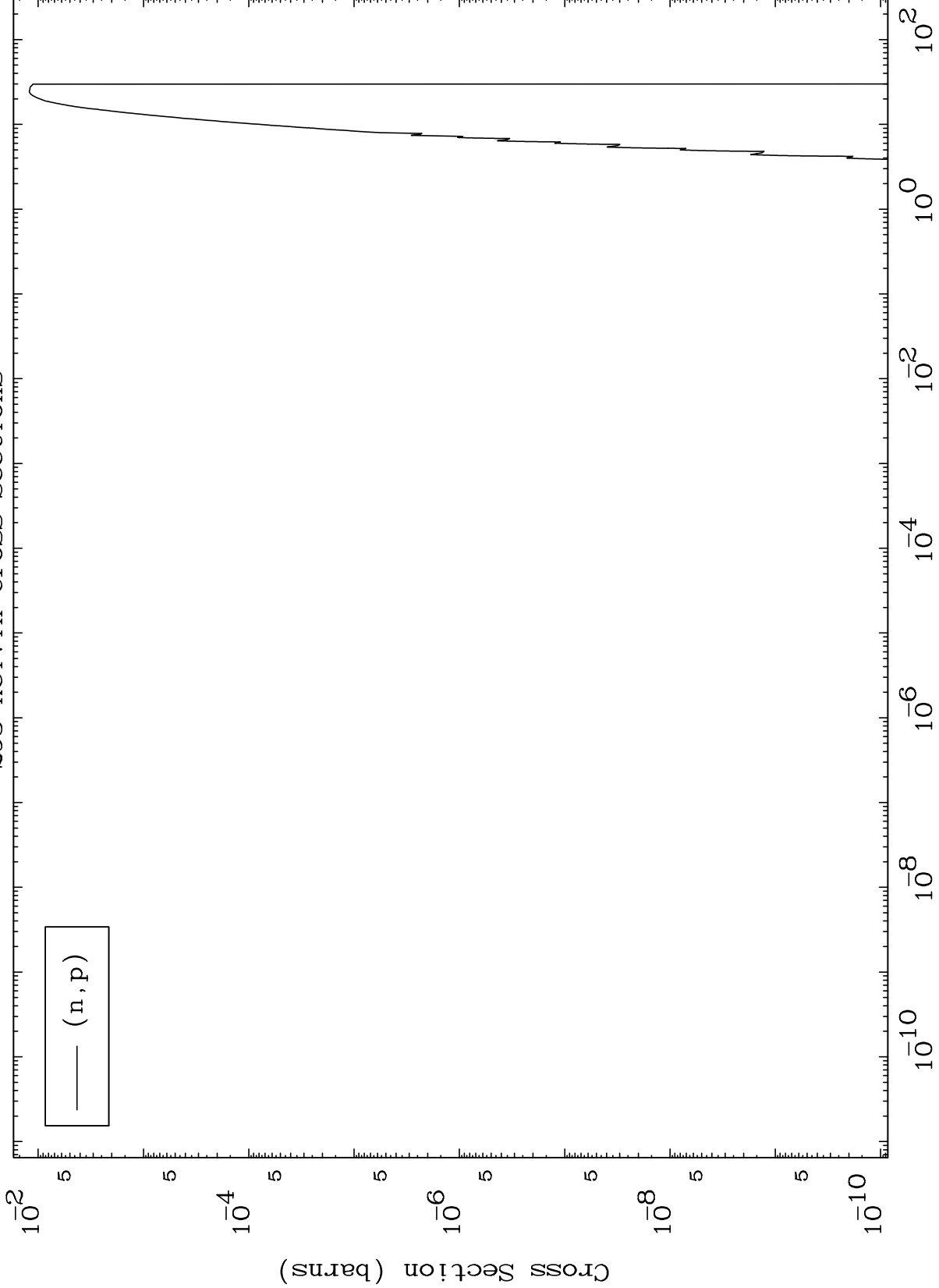
110-Ds-283



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(n,p) Levels  
293 Kelvin Cross Sections

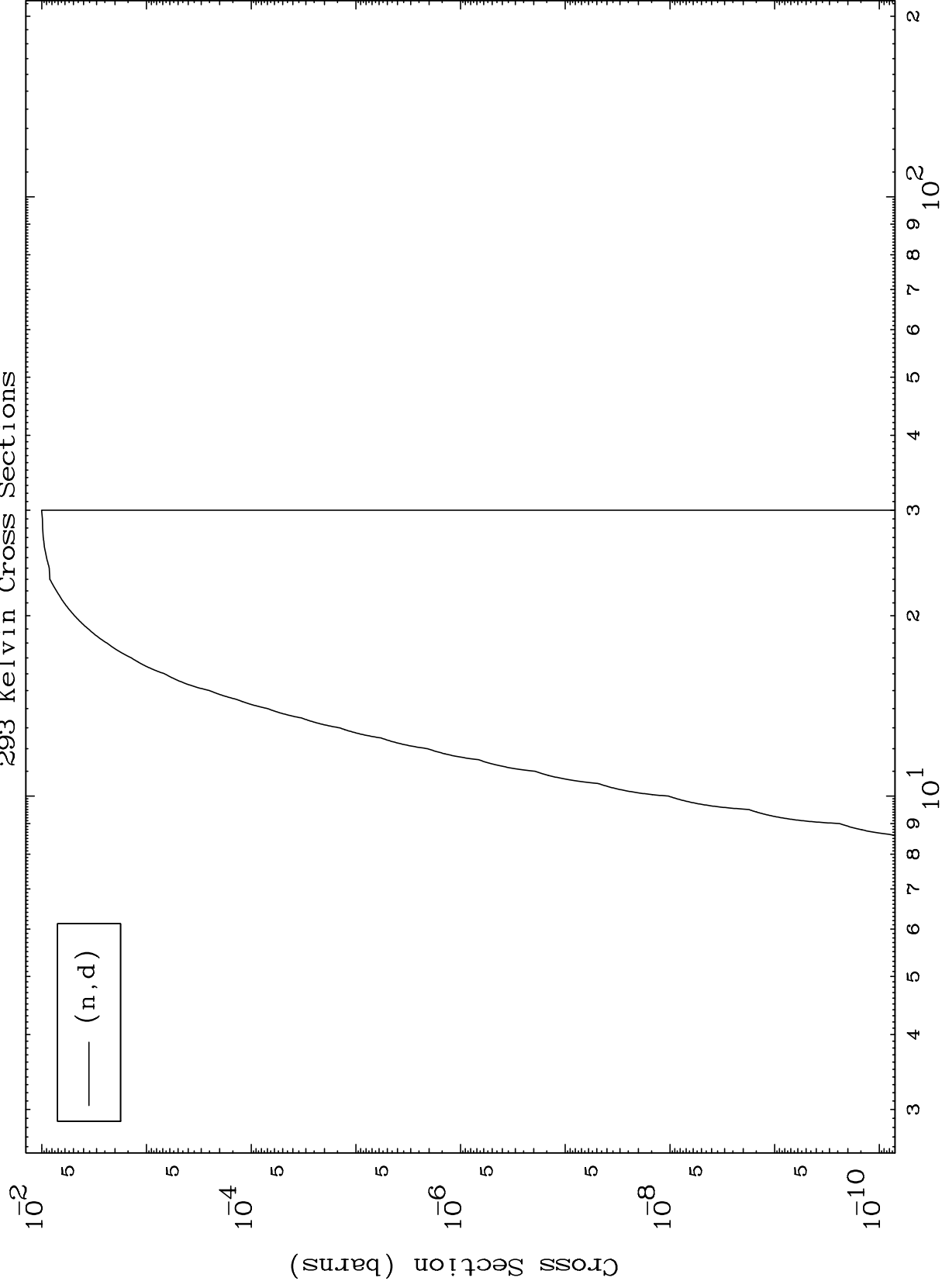
110-Ds-283



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(n,d) Levels  
293 Kelvin Cross Sections

110-Ds-283



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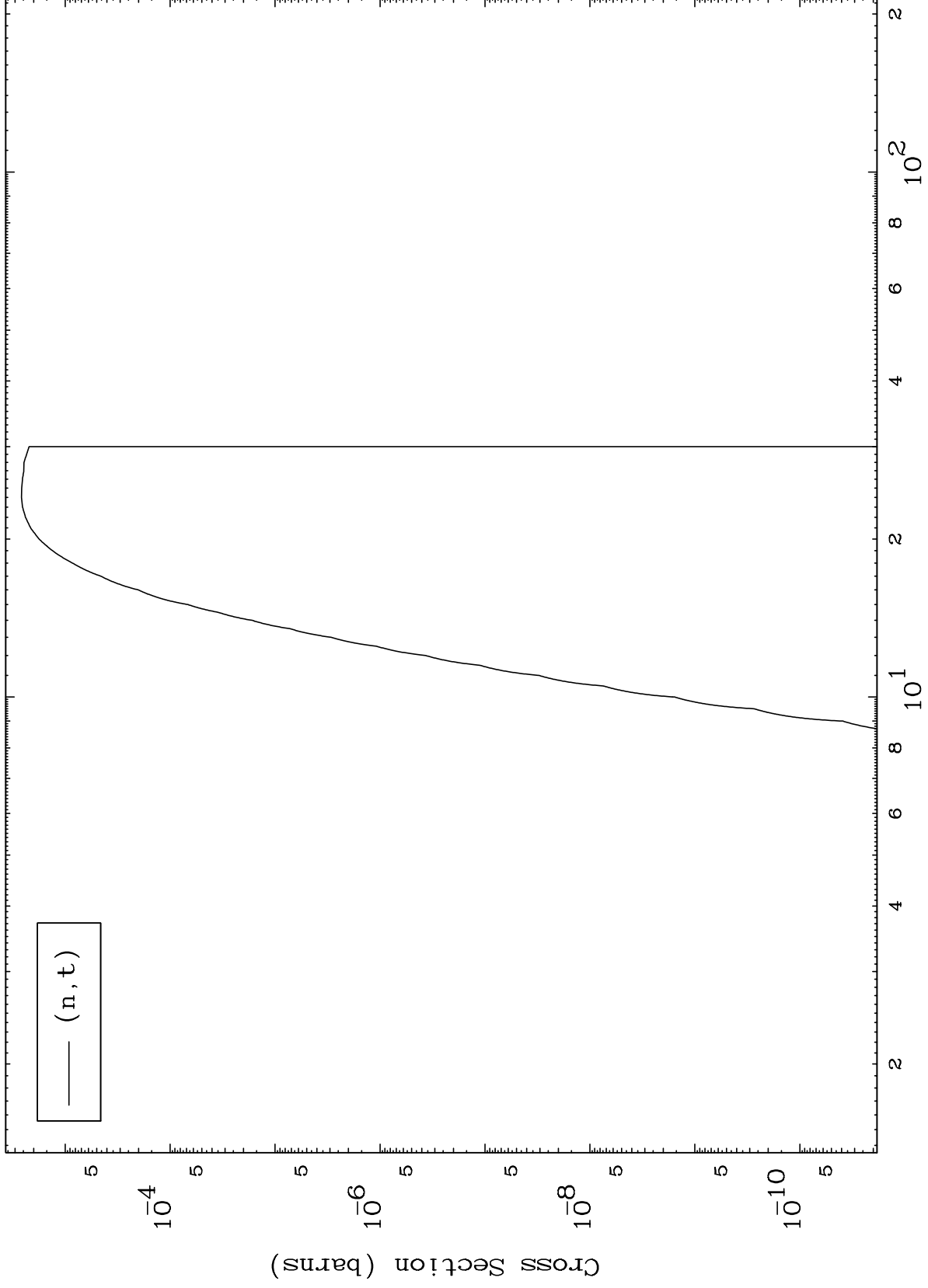
Incident Energy (MeV)

110-Ds-283

MAT 1083

(n,t) Levels  
293 Kelvin Cross Sections

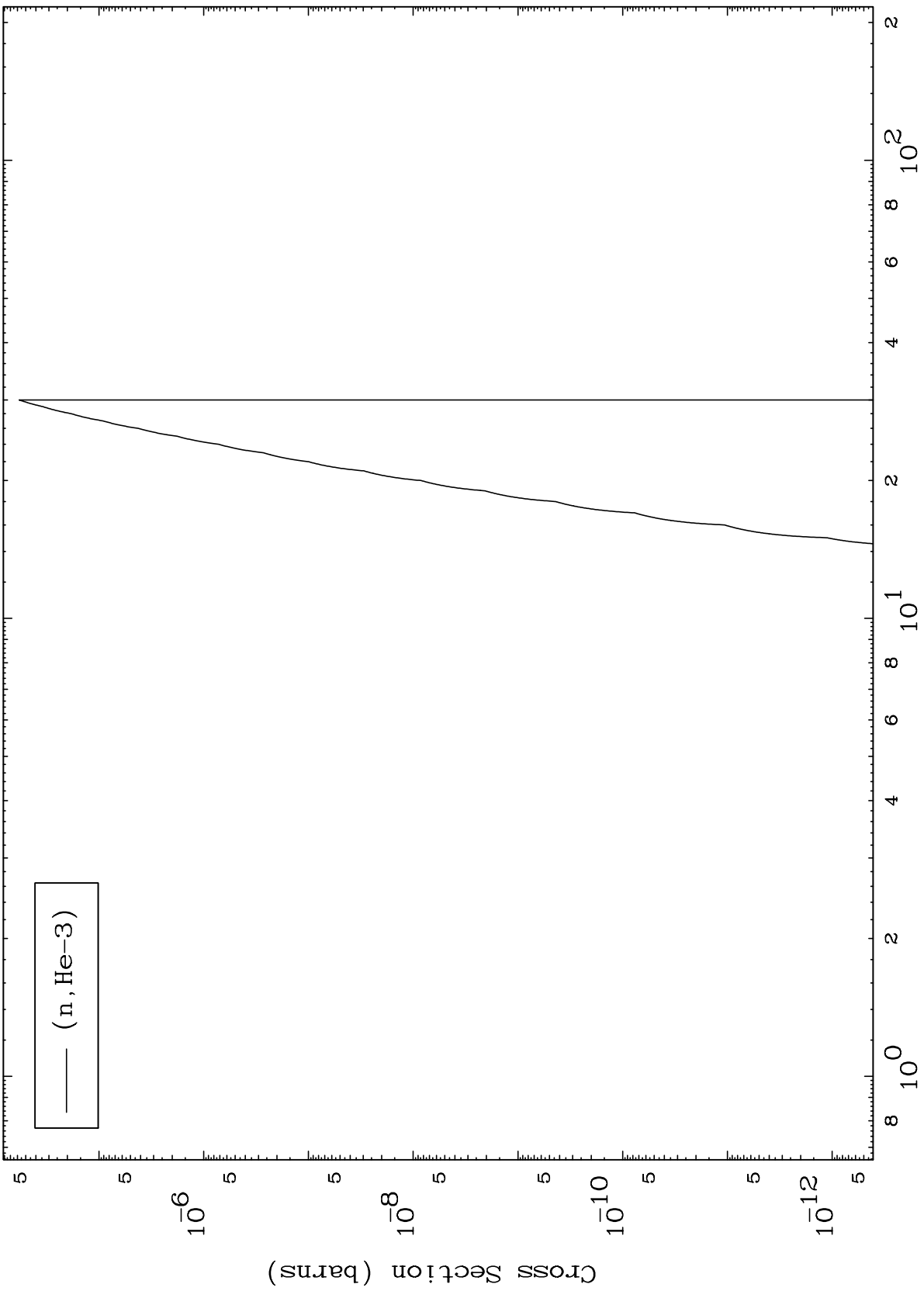
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(n,He3) Levels  
293 Kelvin Cross Sections

110-Ds-283



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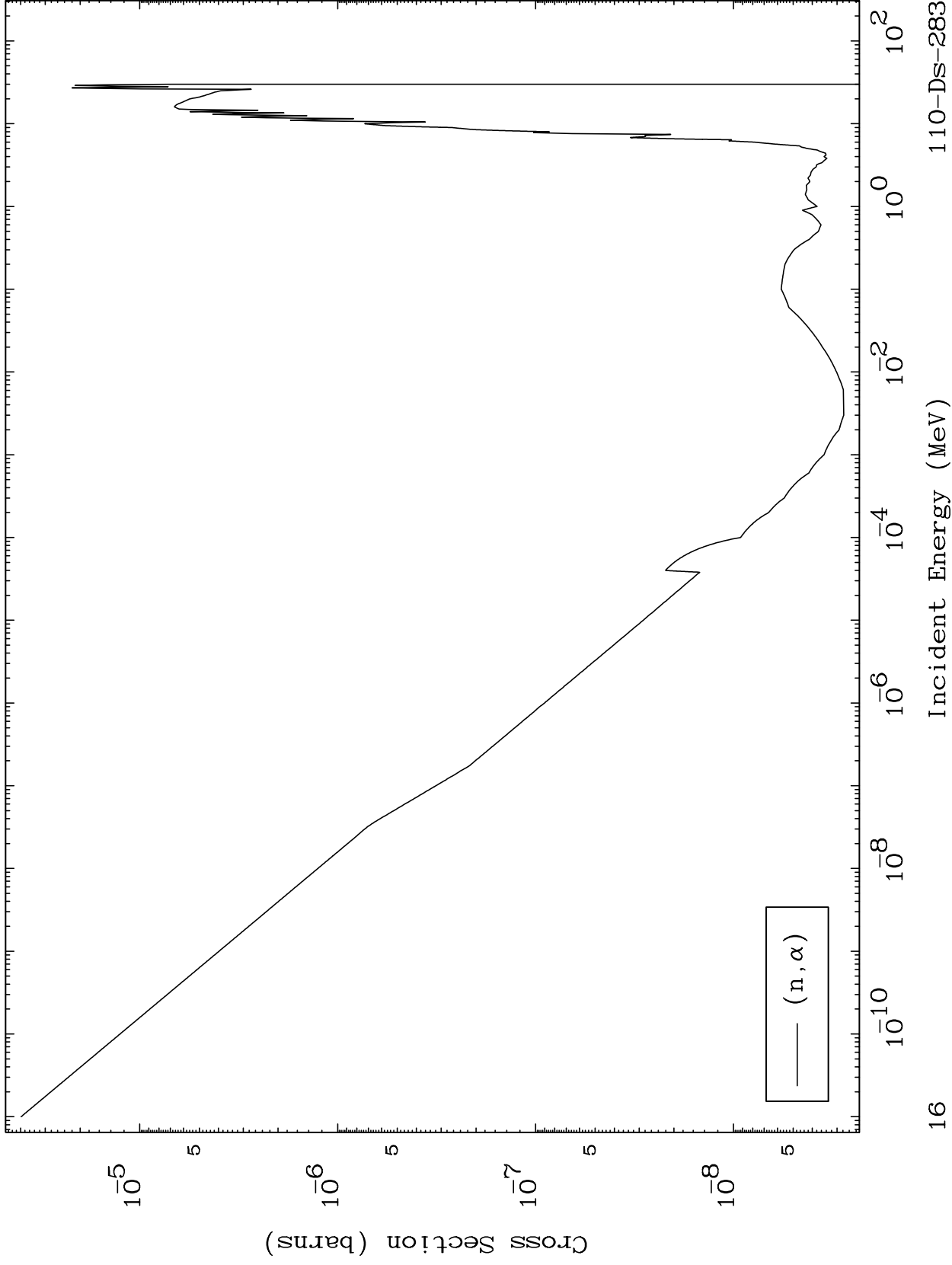
Incident Energy (MeV)

110-Ds-283

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

110-Ds-283



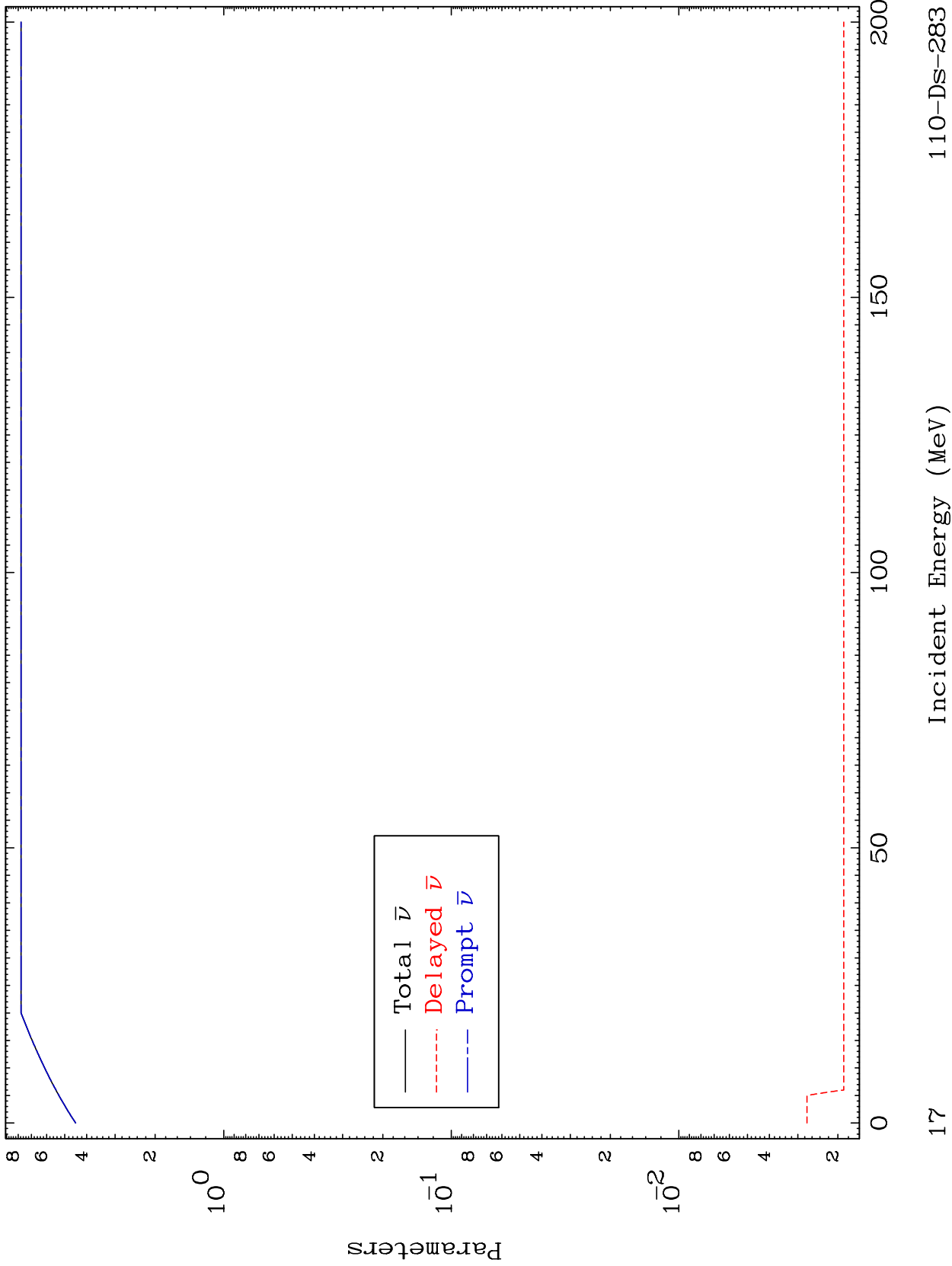
16

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Energy Release  
Parameters

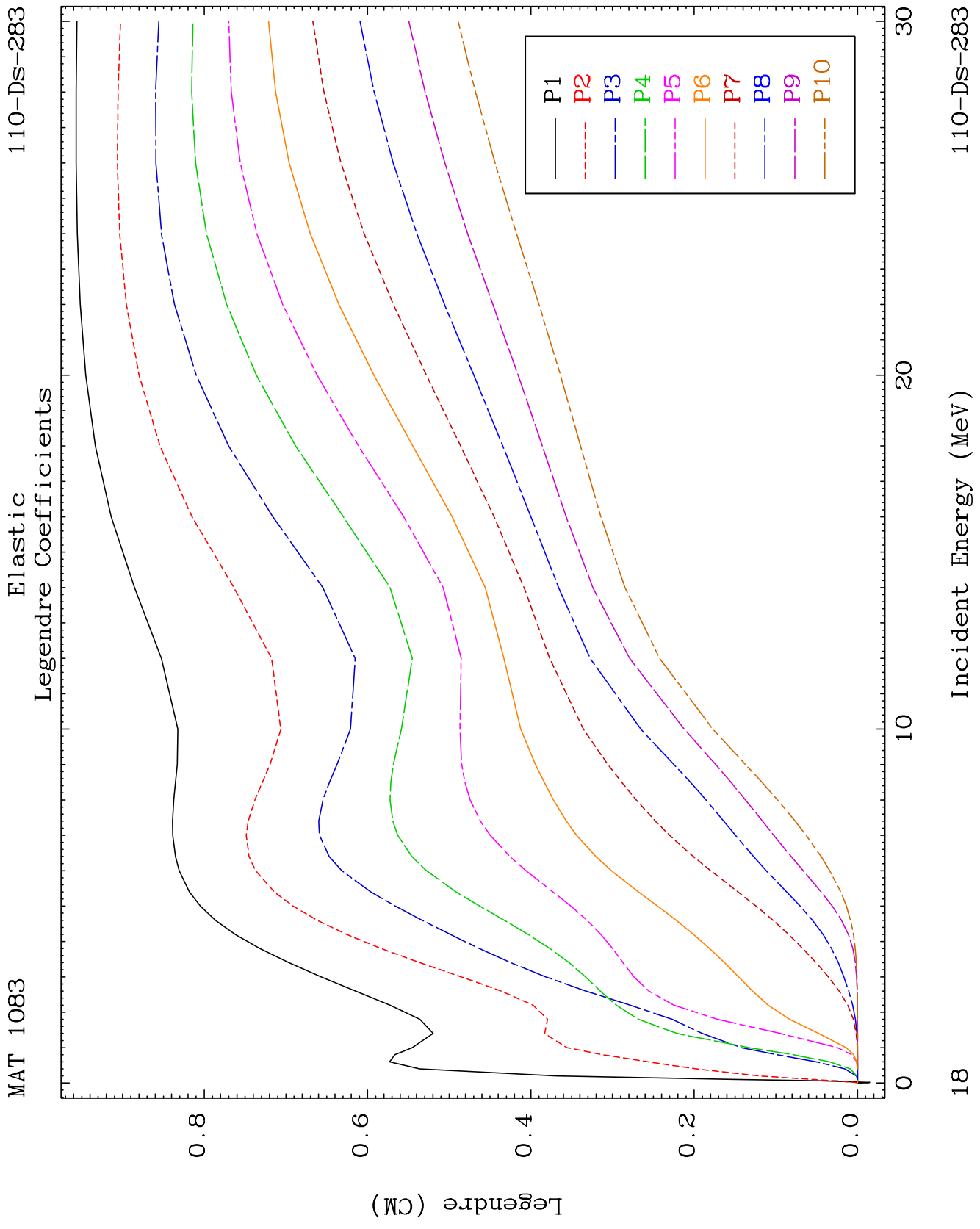
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Incident Energy (MeV)

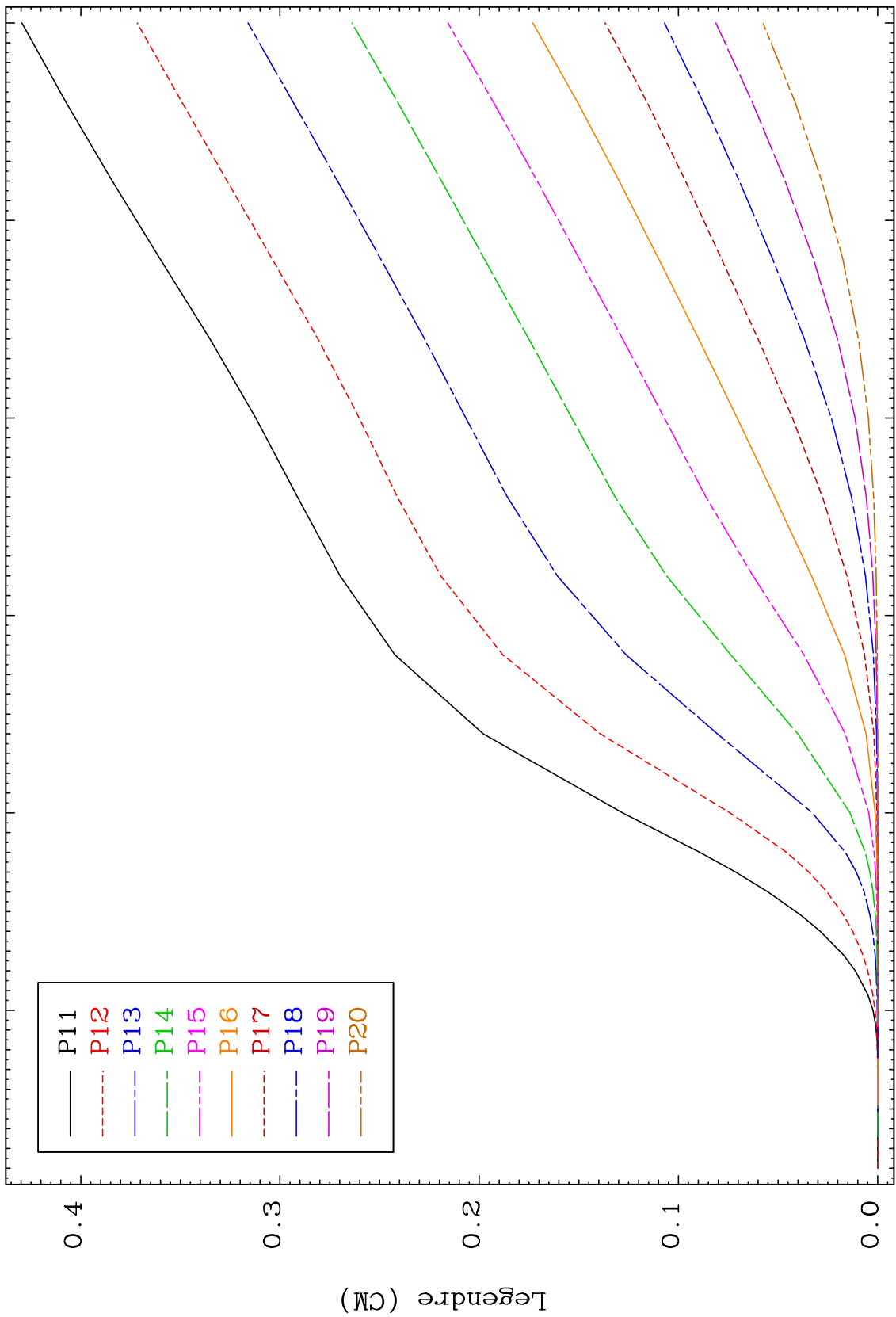
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Elastic Legendre Coefficients

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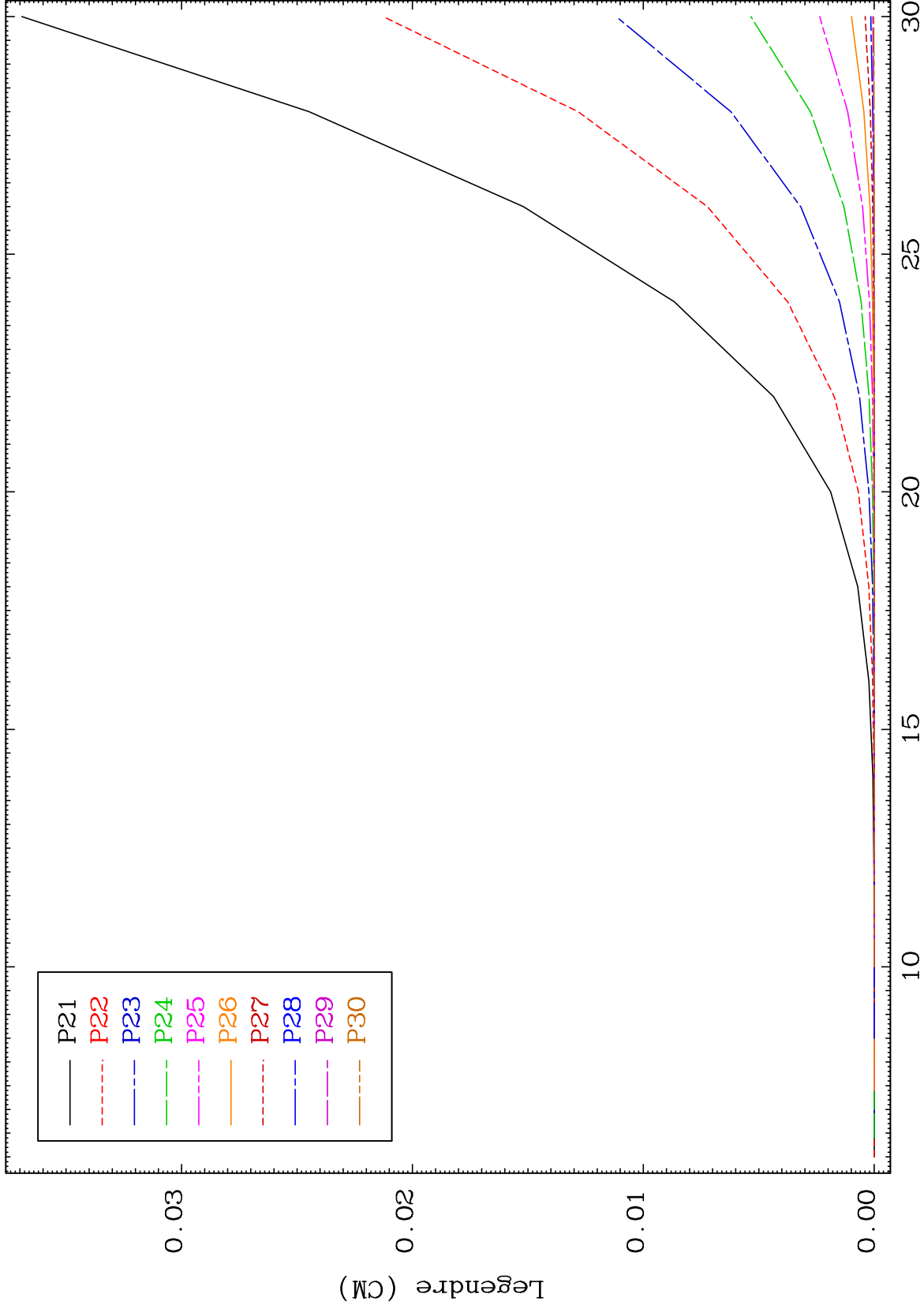
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Incident Energy (MeV)

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Elastic  
Legendre Coefficients

110-Ds-283



20

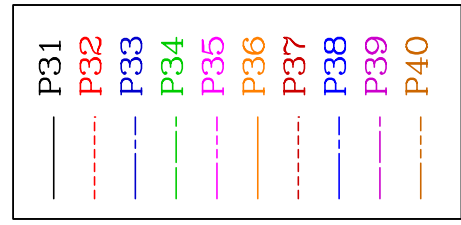
Incident Energy (MeV)

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Elastic Legendre Coefficients

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$\times 10^{-6}$

6

4

2

0

15

20

25

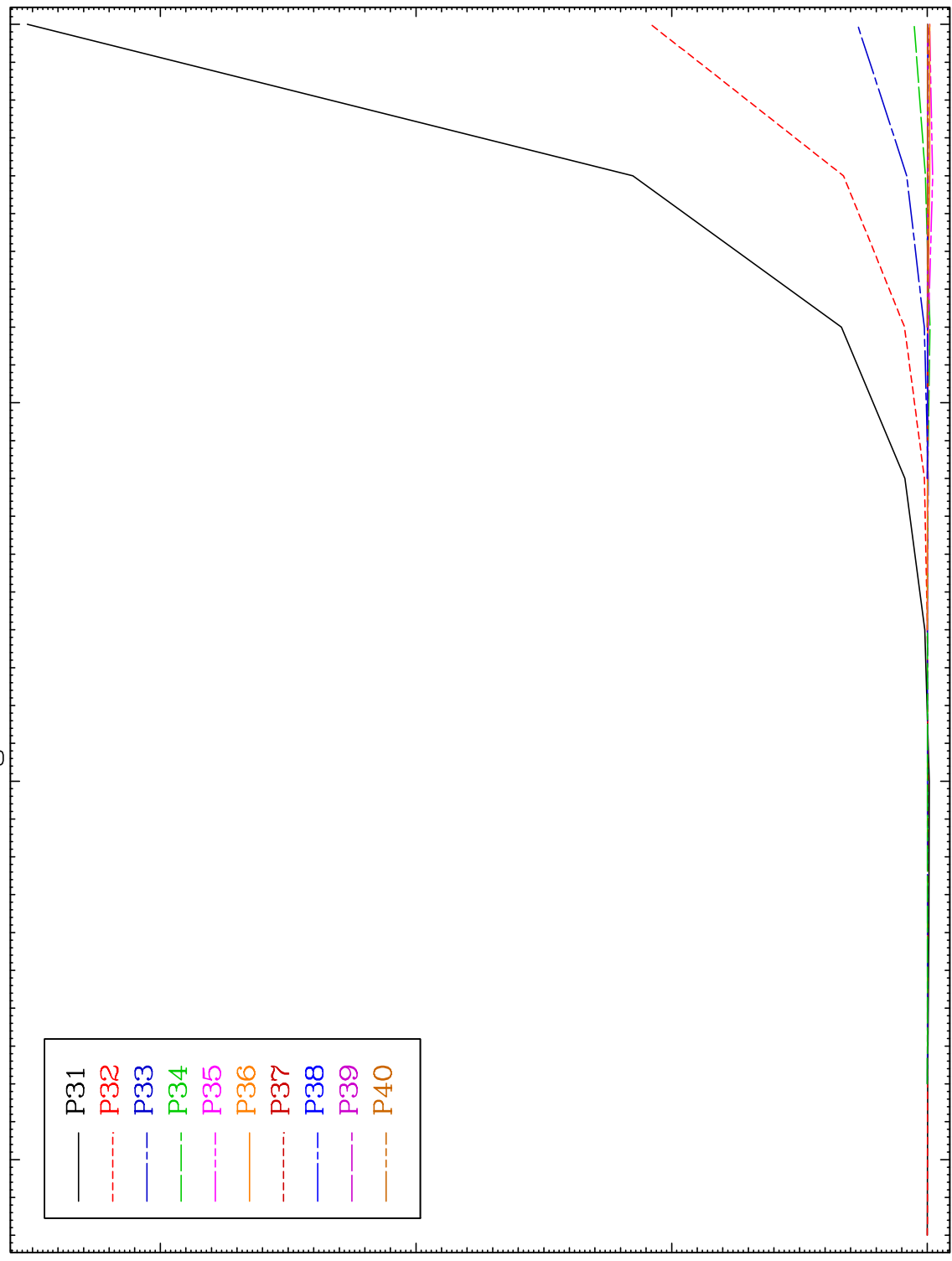
30

Legendre (CM)

21

Incident Energy (MeV)

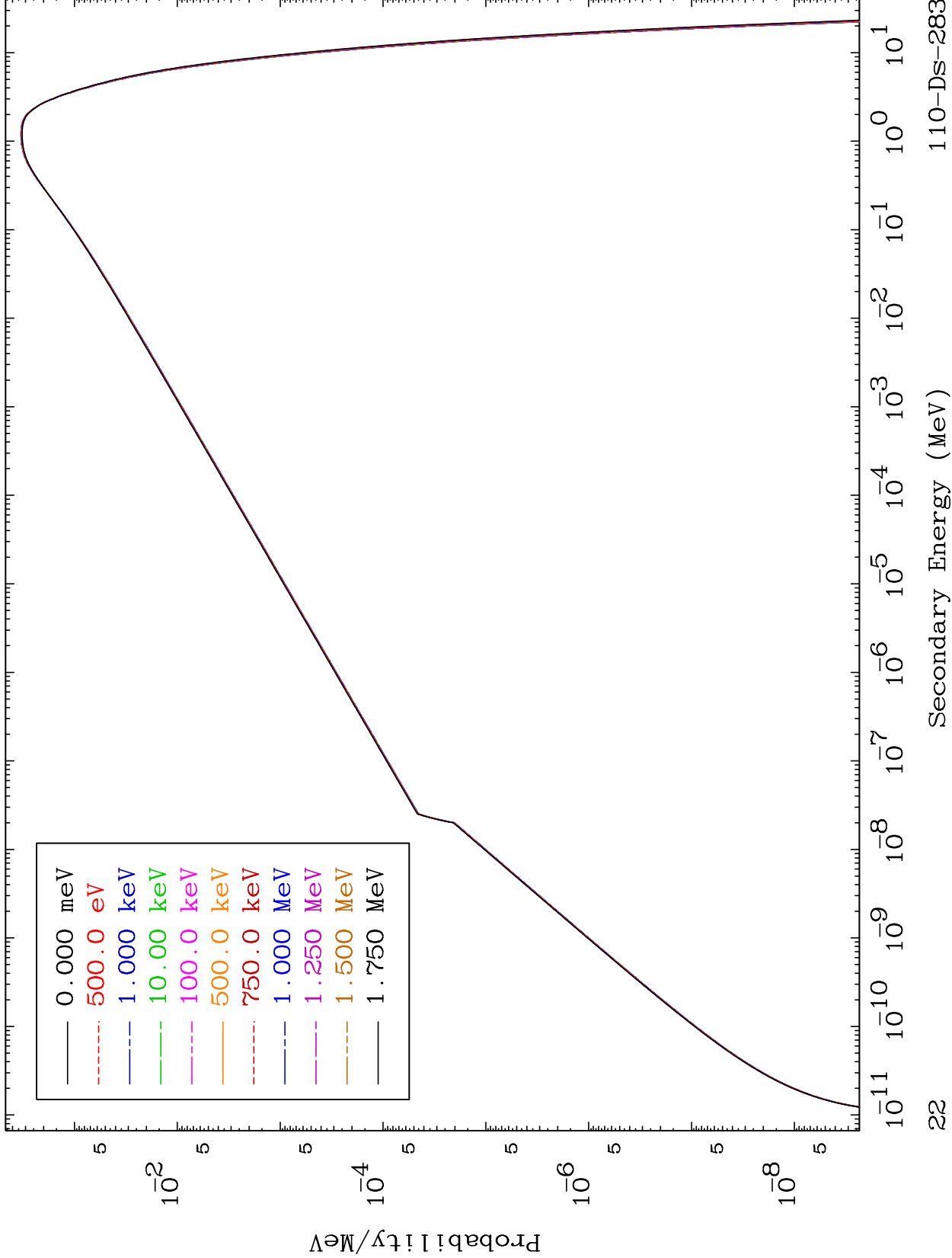
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### Fission Energy Distributions

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110-Ds-283

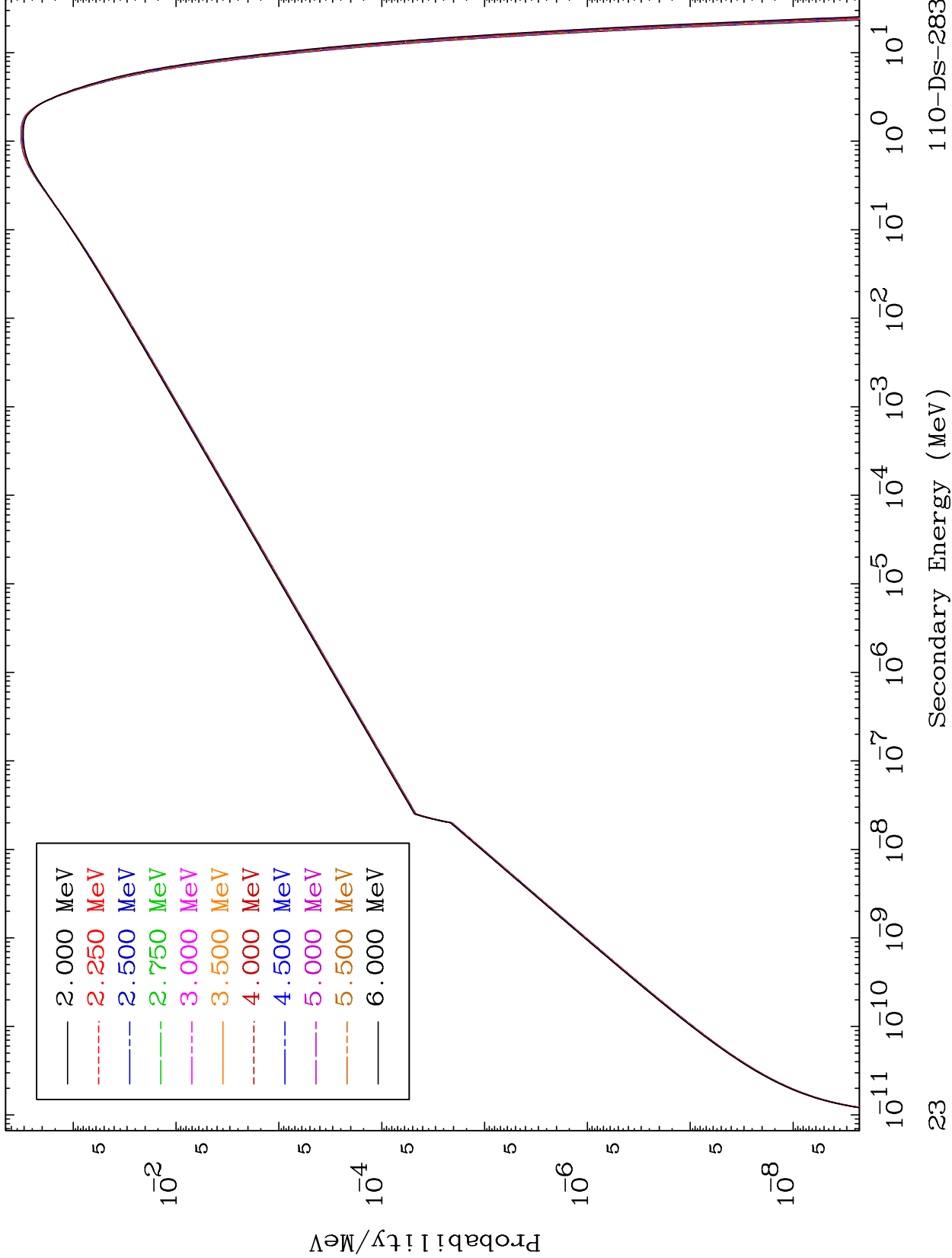
Secondary Energy (MeV)

22

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Fission Energy Distributions

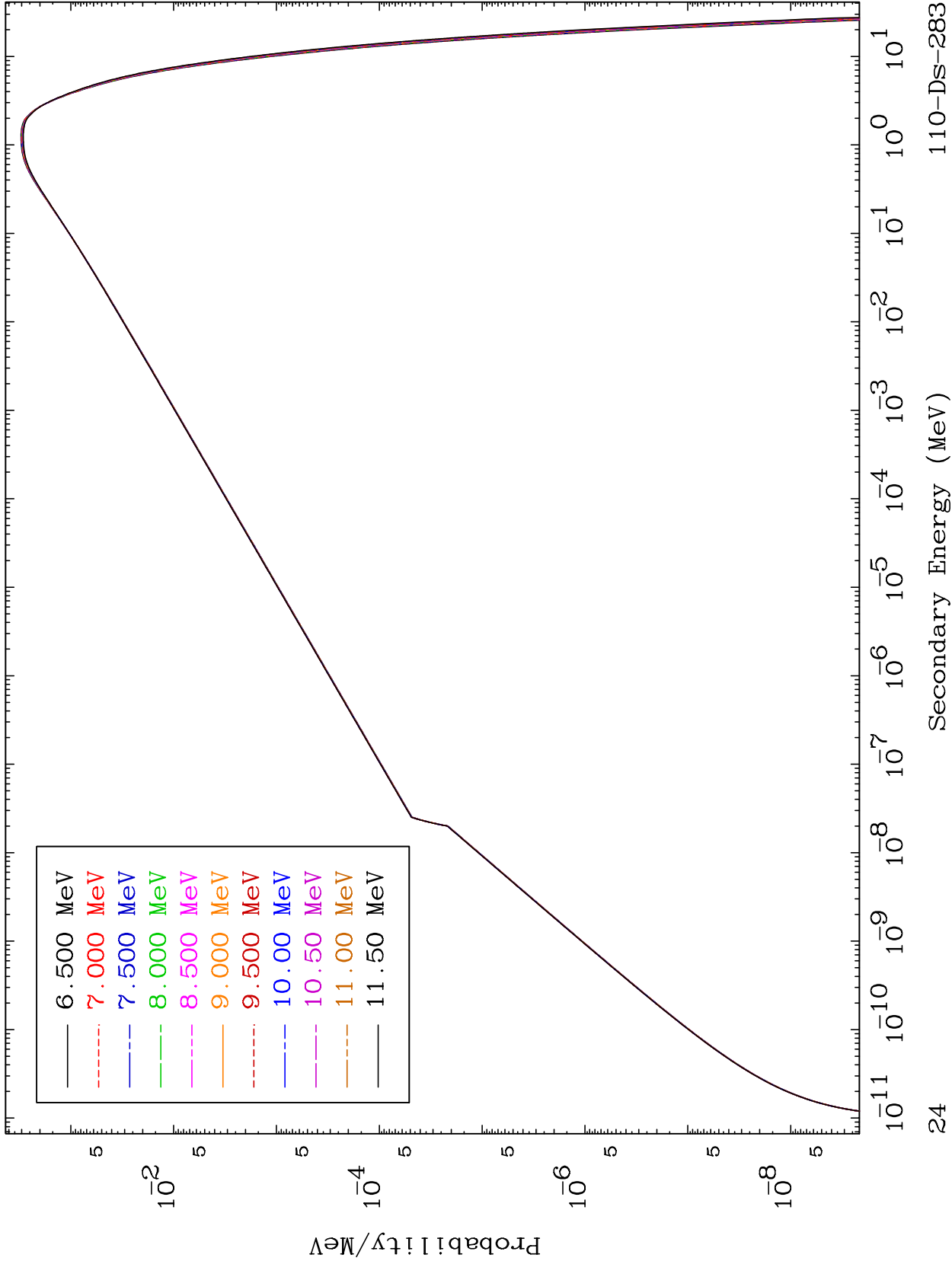
110-Ds-283



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### Fission Energy Distributions

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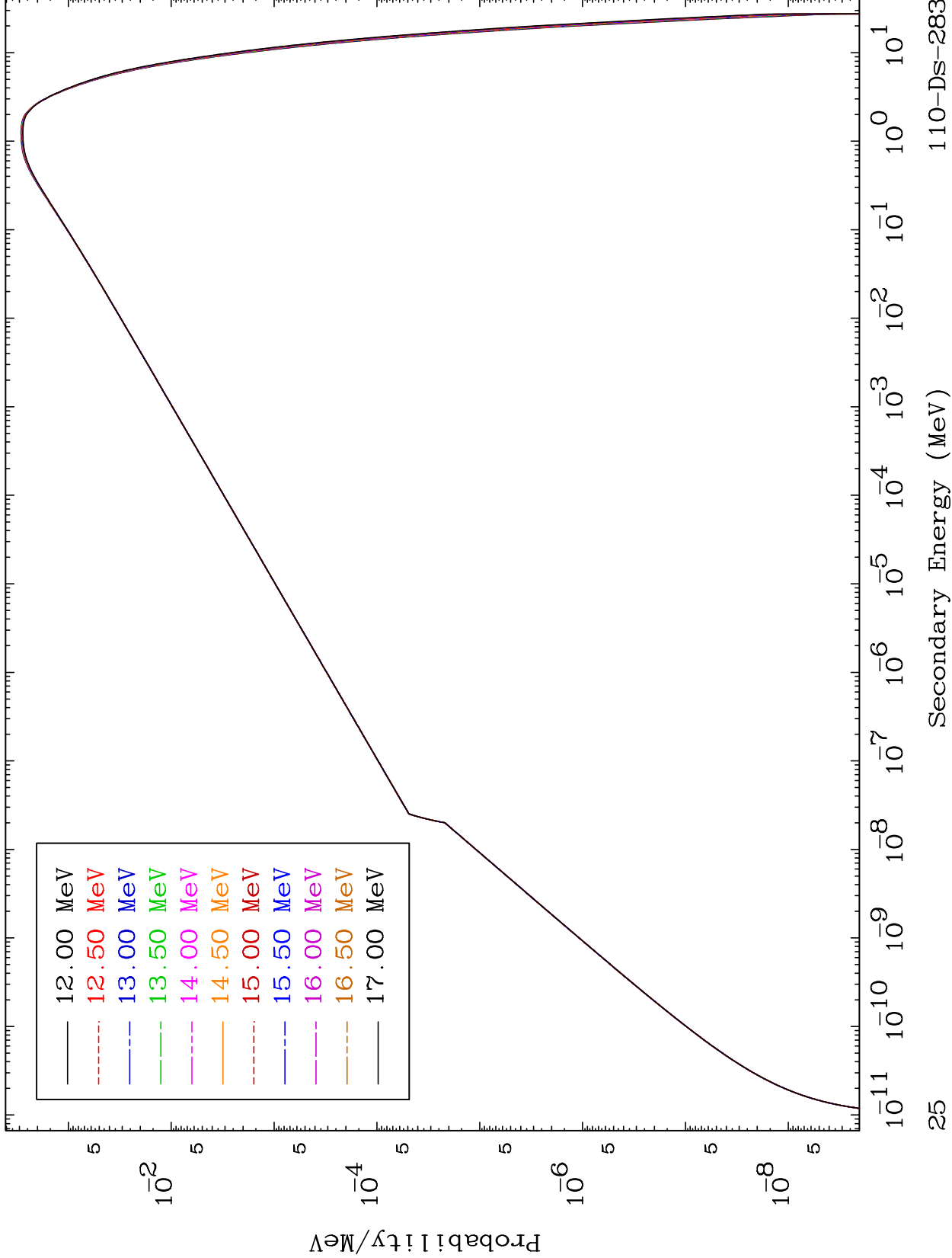
110-Ds-283

Secondary Energy (MeV)

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### Fission Energy Distributions

110-Ds-283

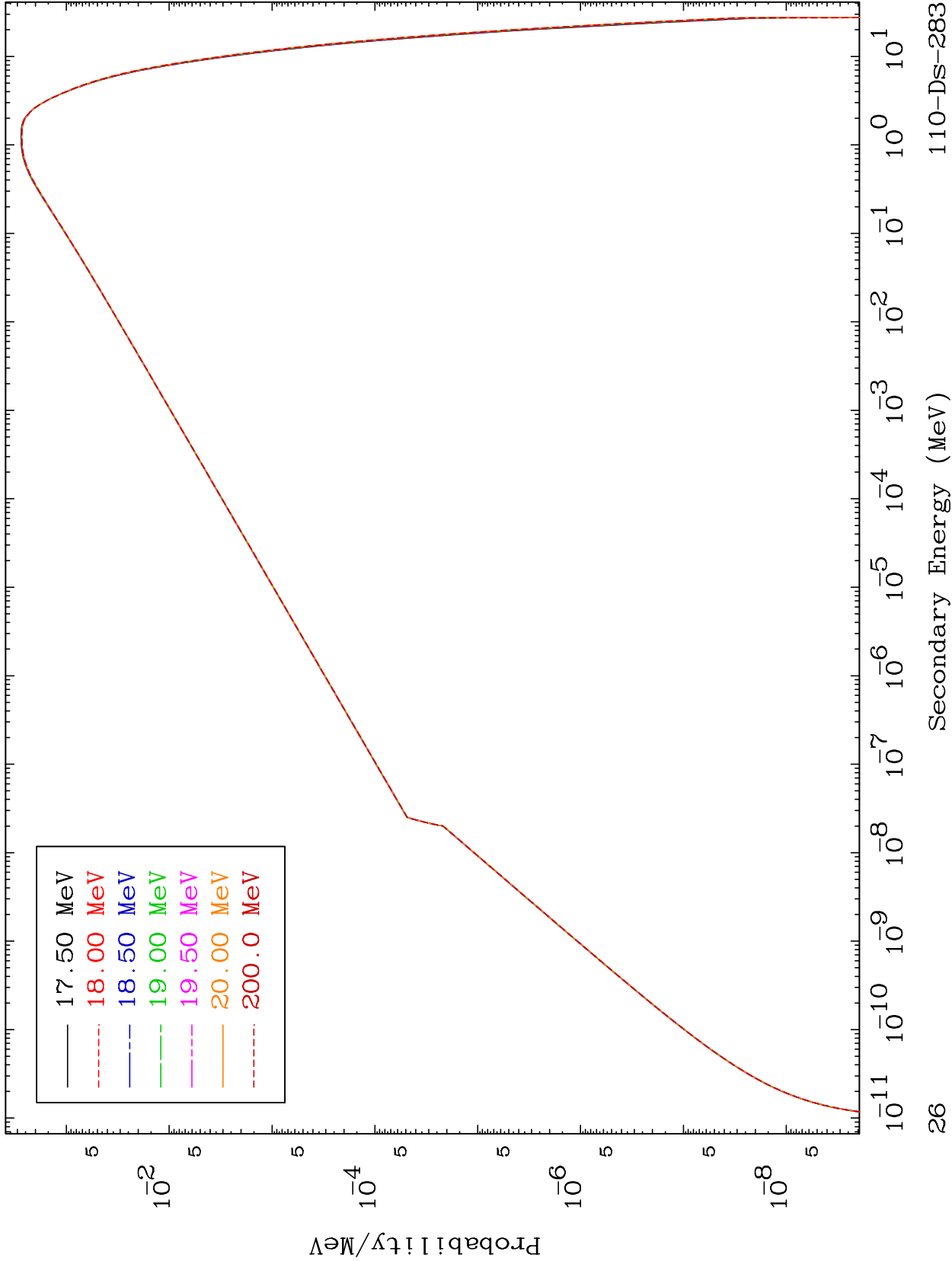


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Secondary Energy (MeV)

25

Fission Energy Distributions

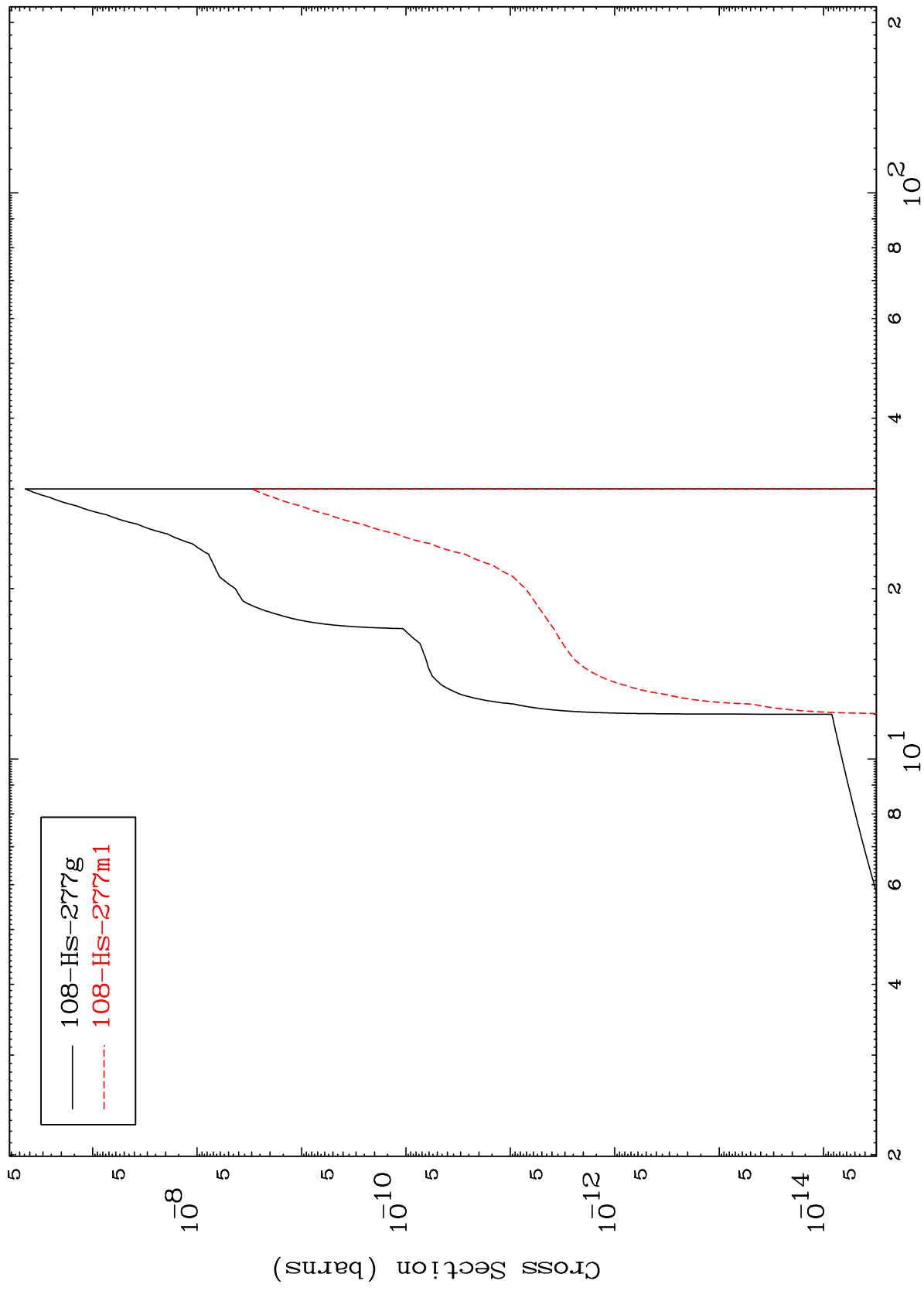


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(n,3n)  $\alpha$

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Radionuclide Production Cross Section



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Incident Energy (MeV)

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