

Program EVALPLOT  
(Version 2017-1)

by

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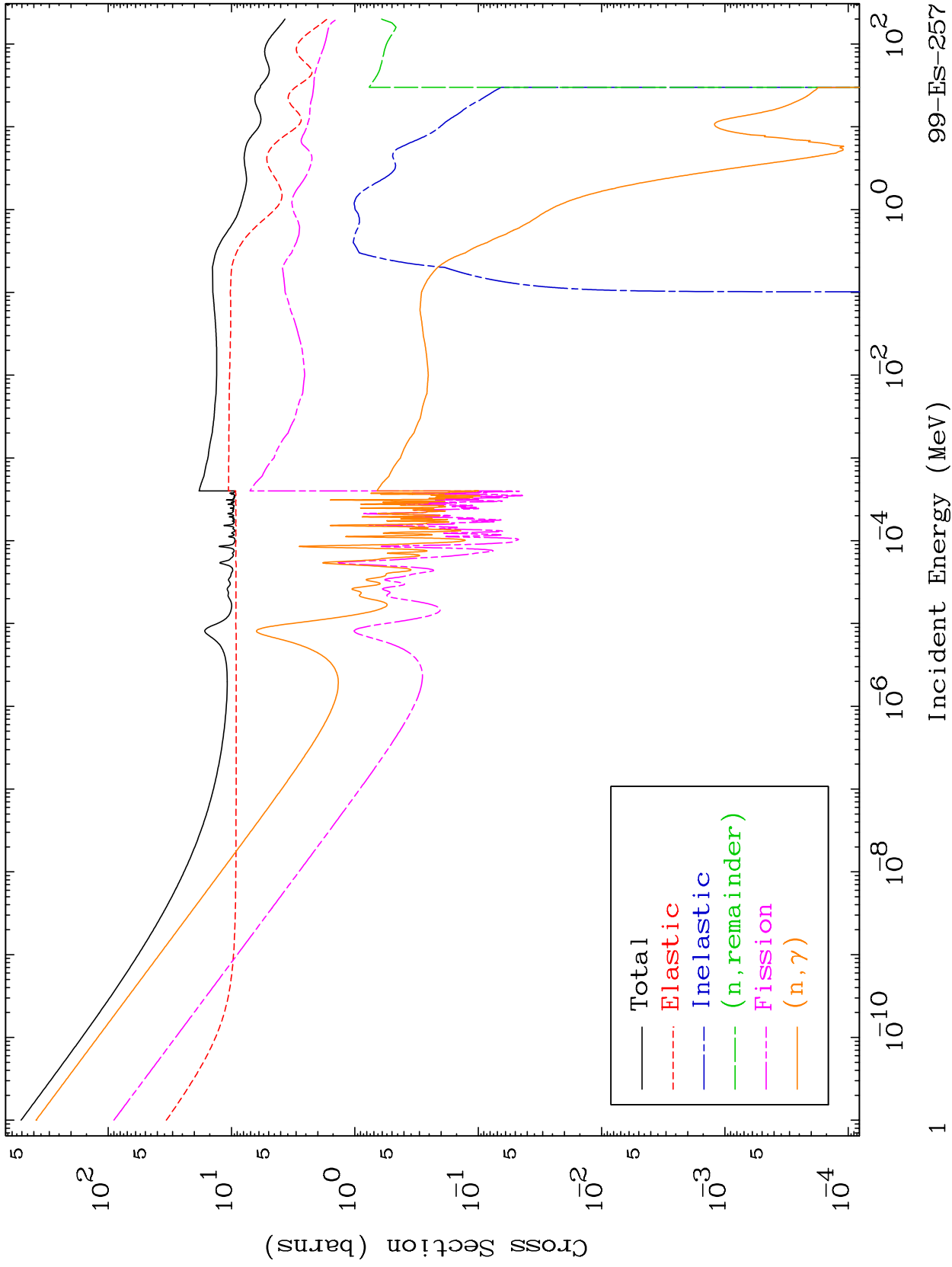
Press Mouse Button to Start

MAT 9917

Major

293 Kelvin Cross Sections

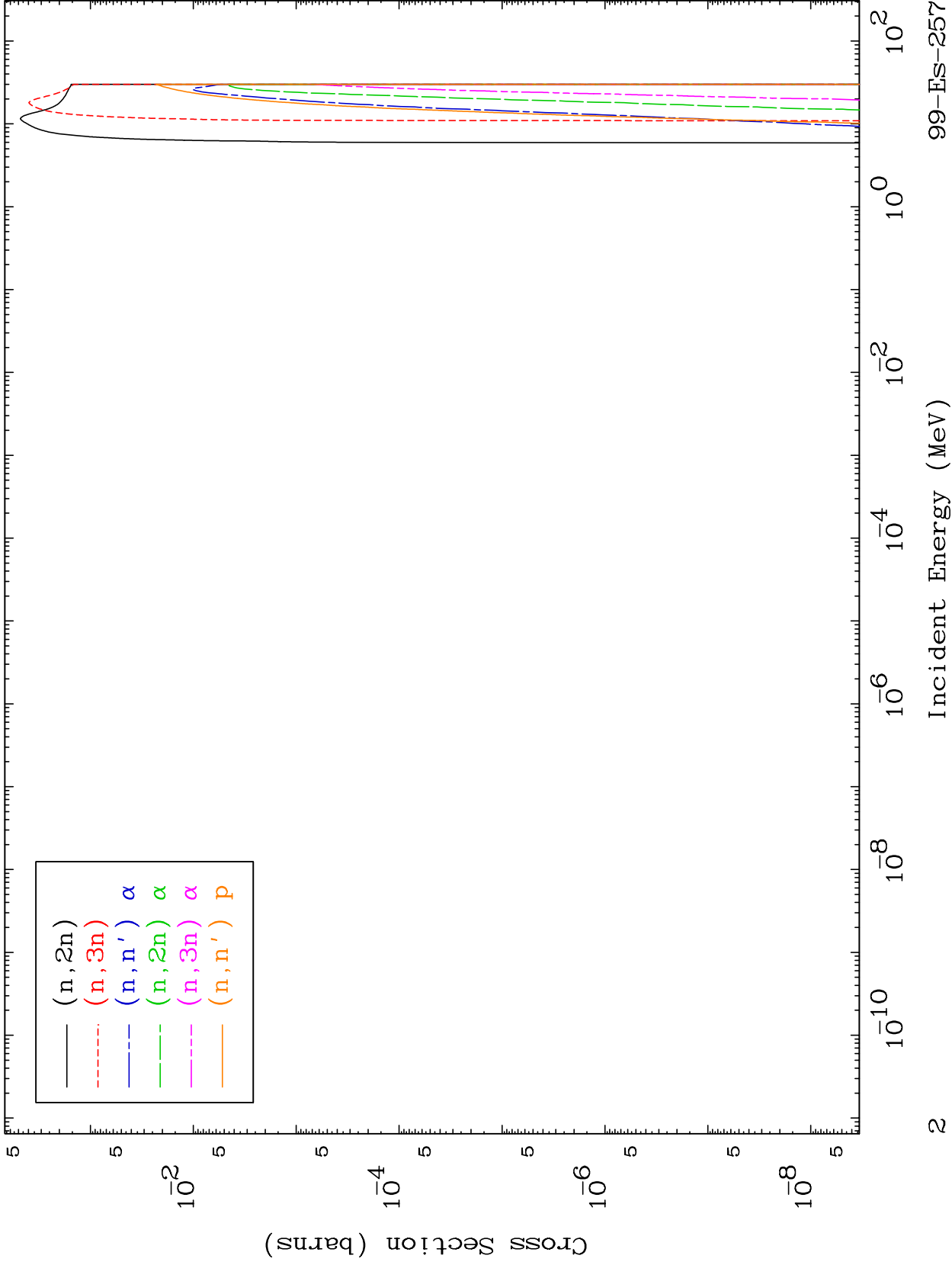
99-Es-257

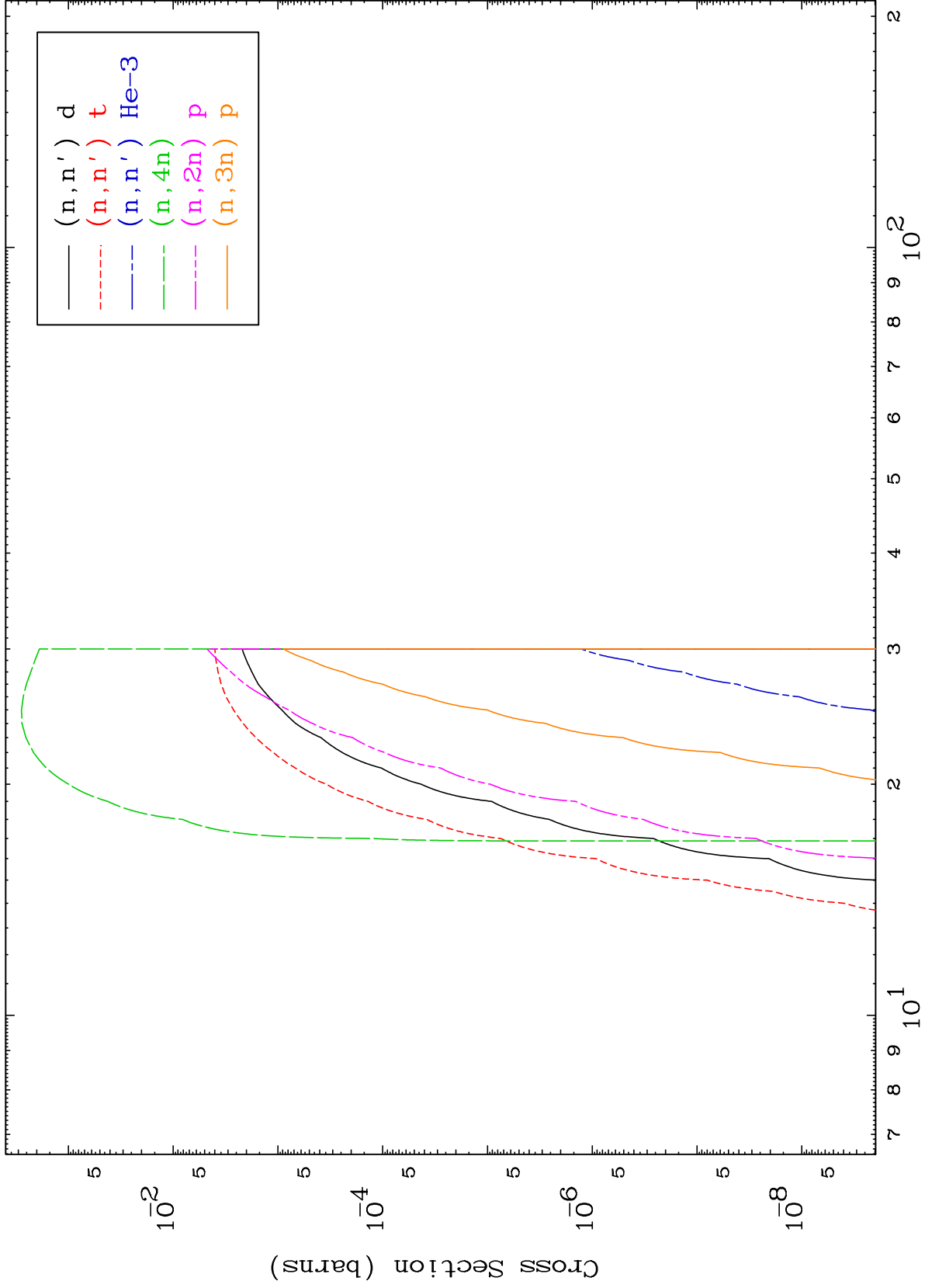


MAT 9917

Neutron Production  
293 Kelvin Cross Sections

99-Es-257

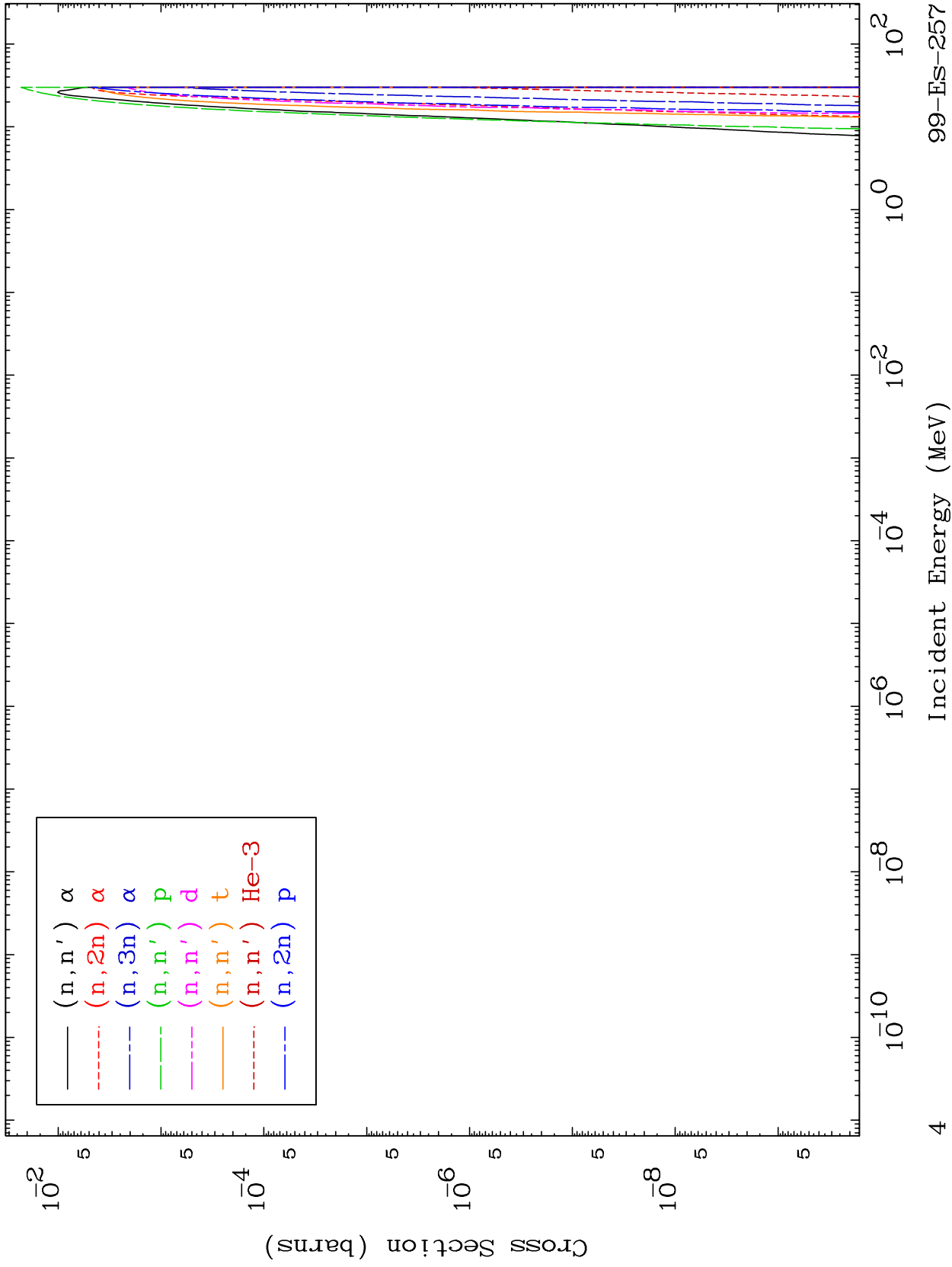




MAT 9917

Charged Particle  
293 Kelvin Cross Sections

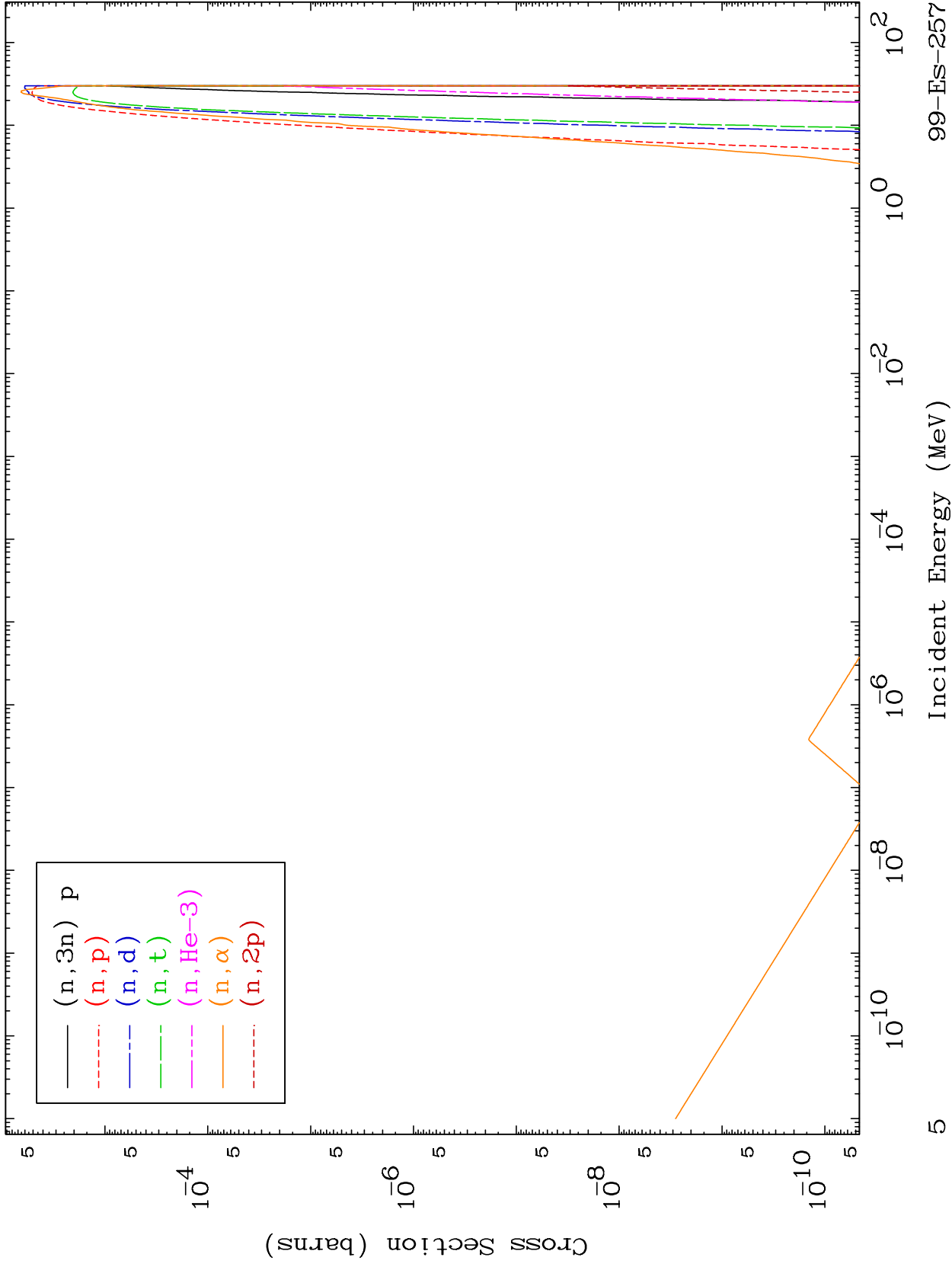
99-Es-257



MAT 9917

Charged Particle  
293 Kelvin Cross Sections

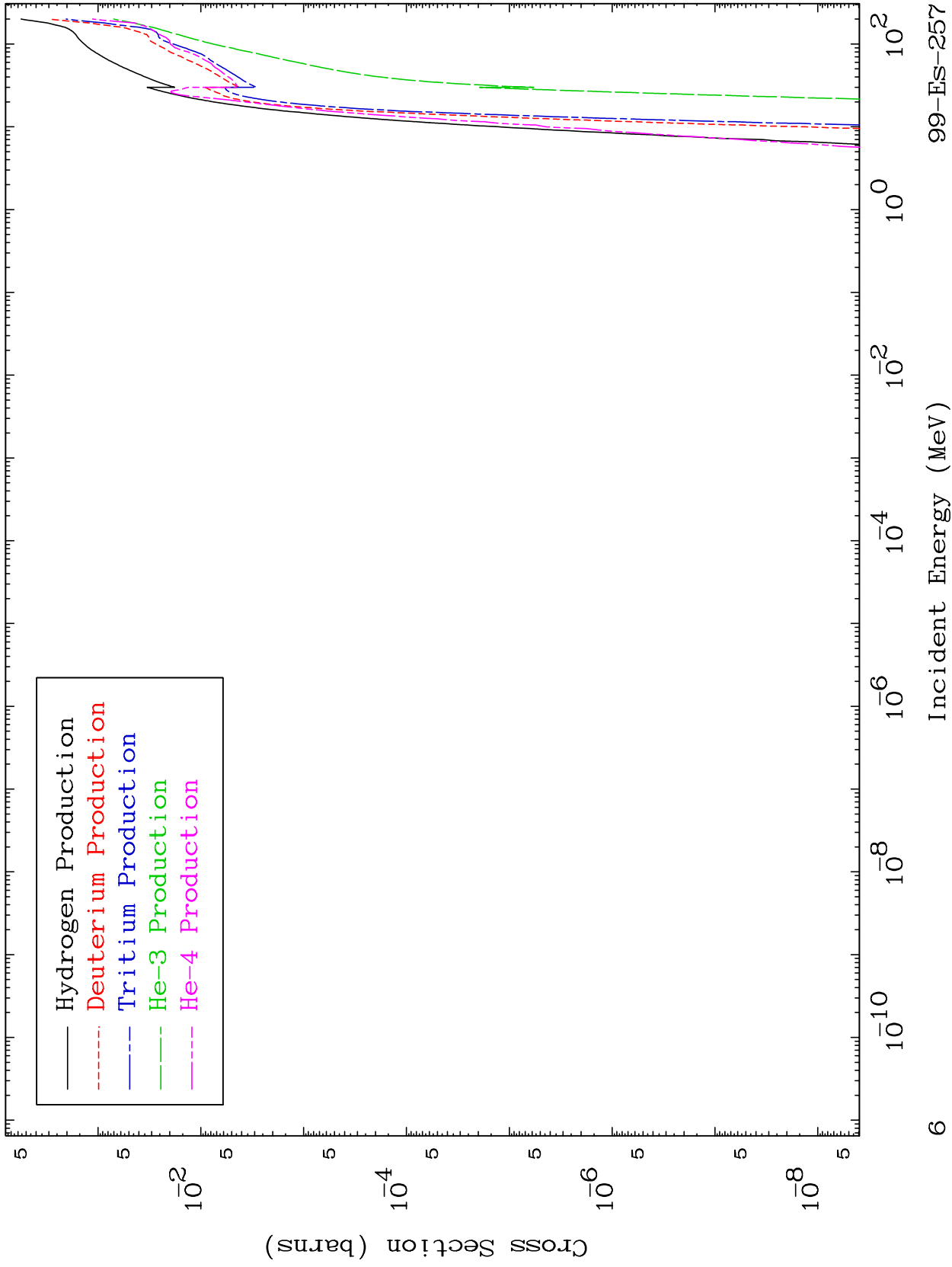
99-Es-257



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Particle Production  
293 Kelvin Cross Sections

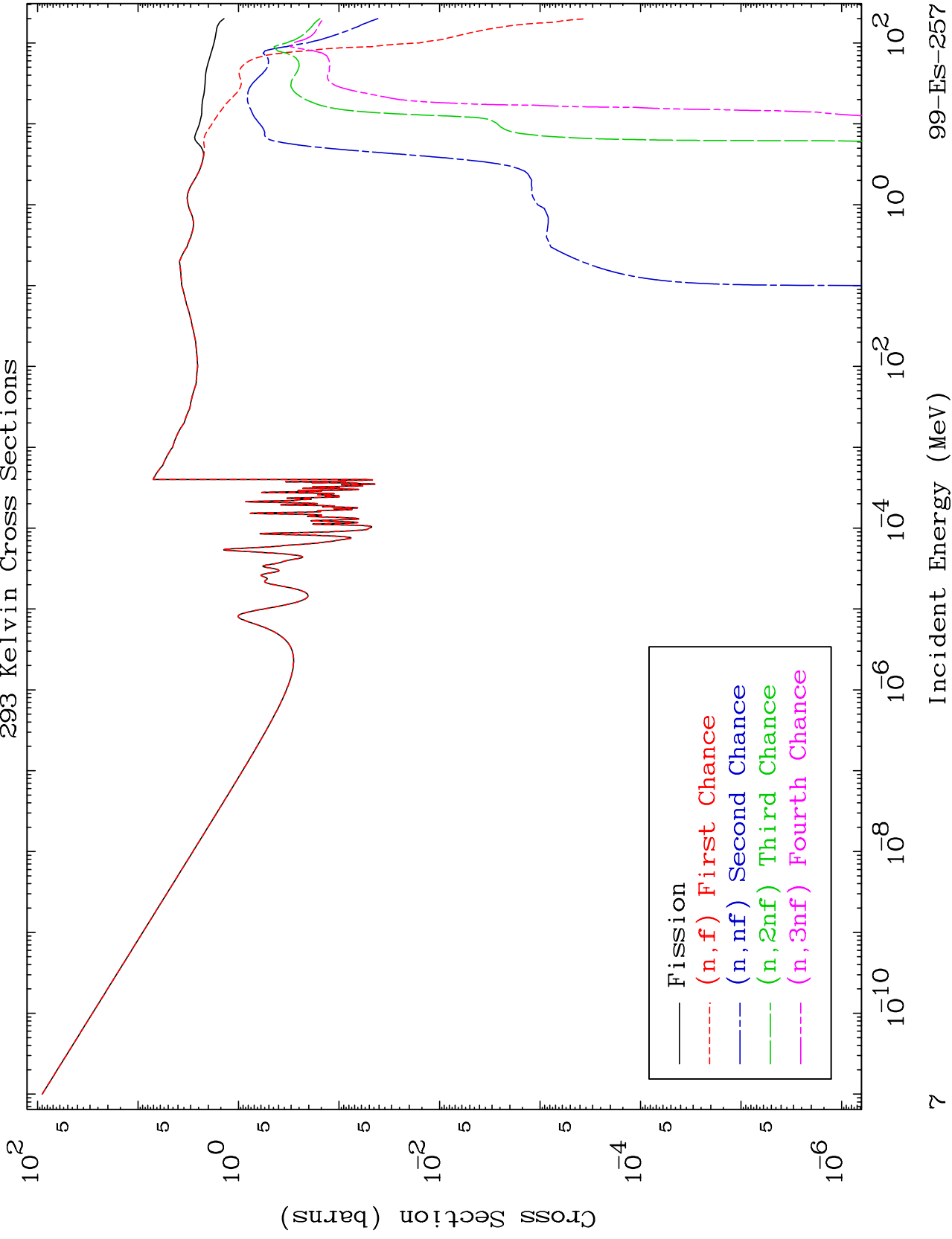
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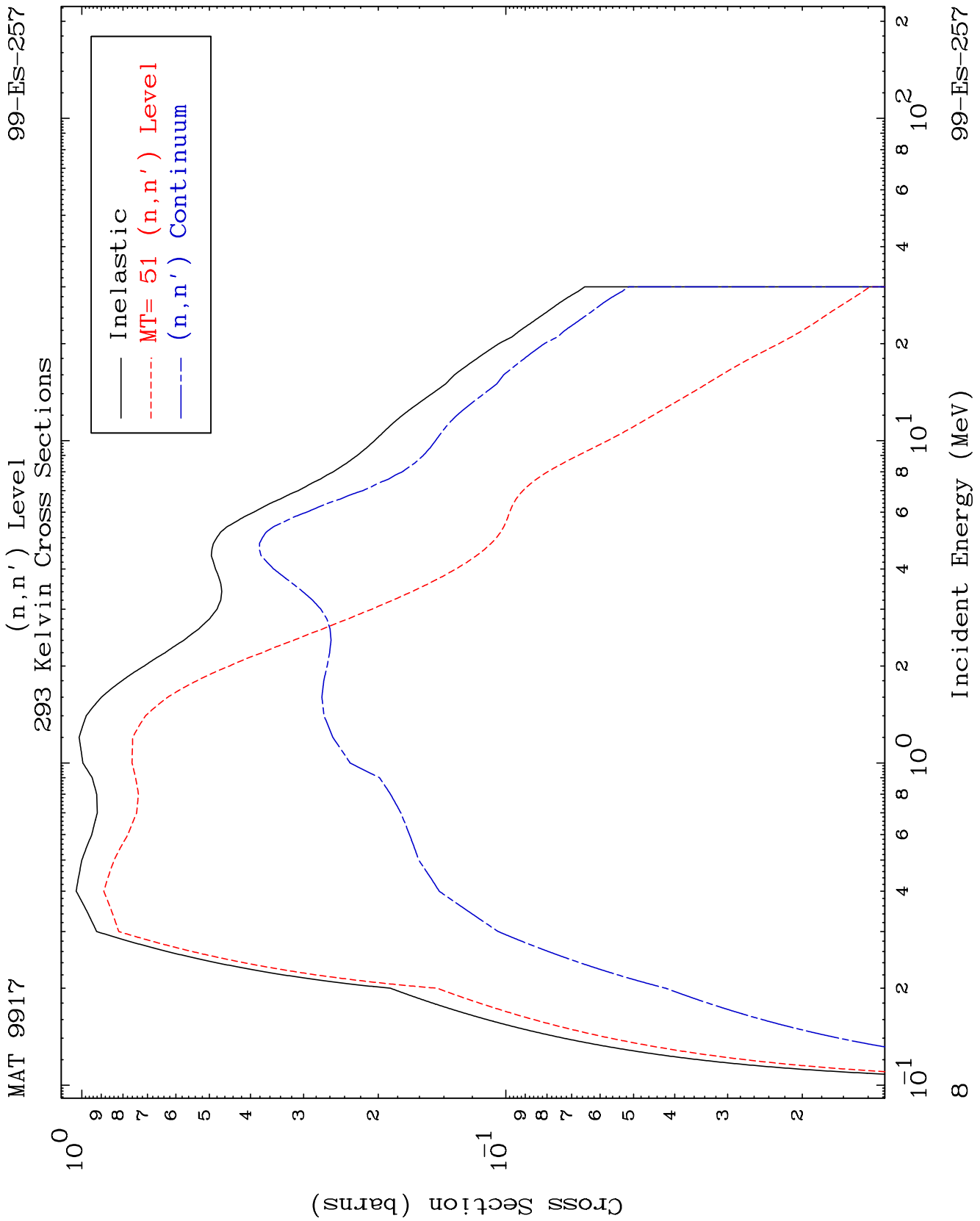
MAT 9917

Fission  
293 Kelvin Cross Sections

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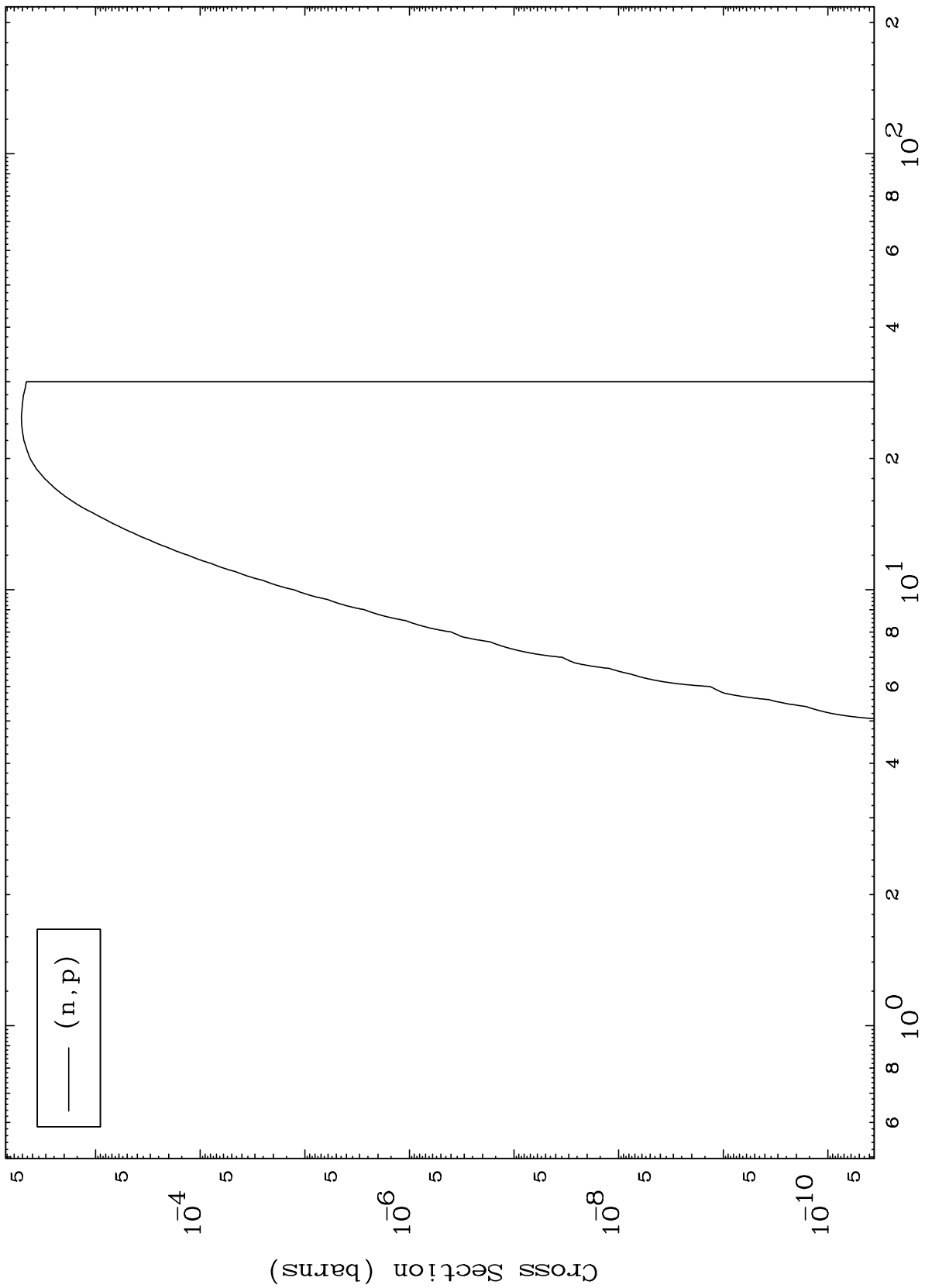




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(n,p) Levels  
293 Kelvin Cross Sections

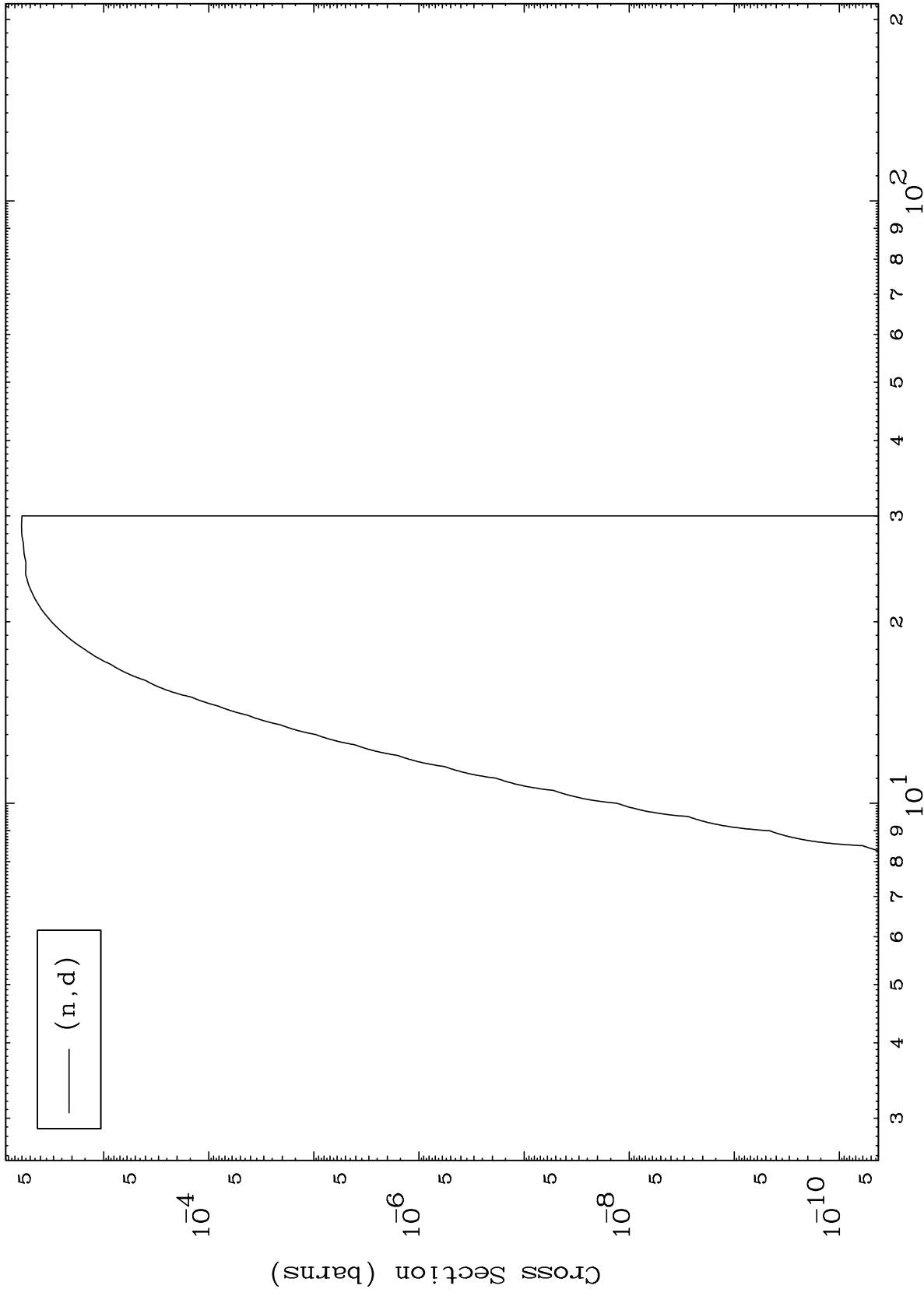
99-Es-257



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(n,d) Levels  
293 Kelvin Cross Sections

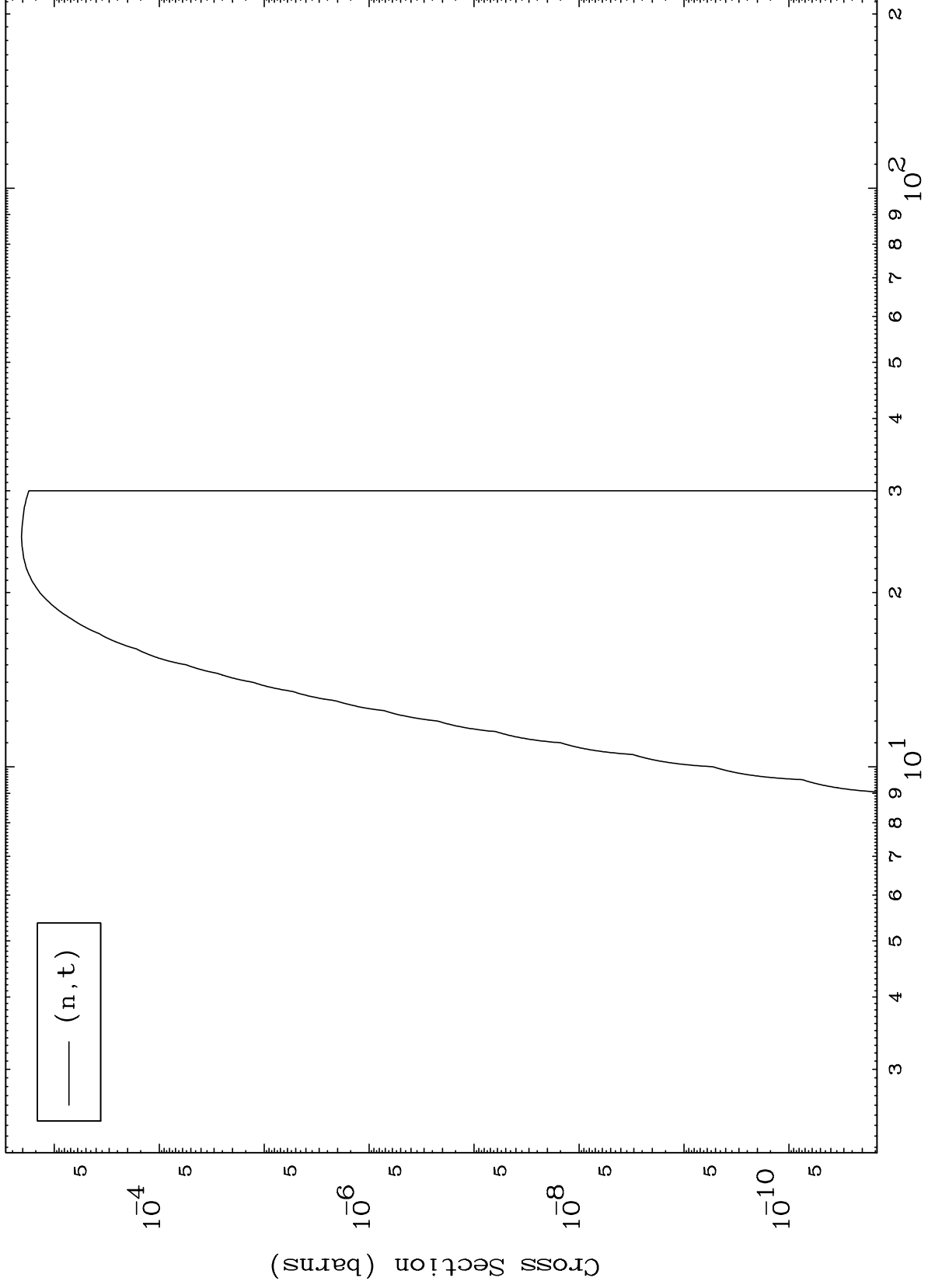
99-Es-257



10

Incident Energy (MeV)

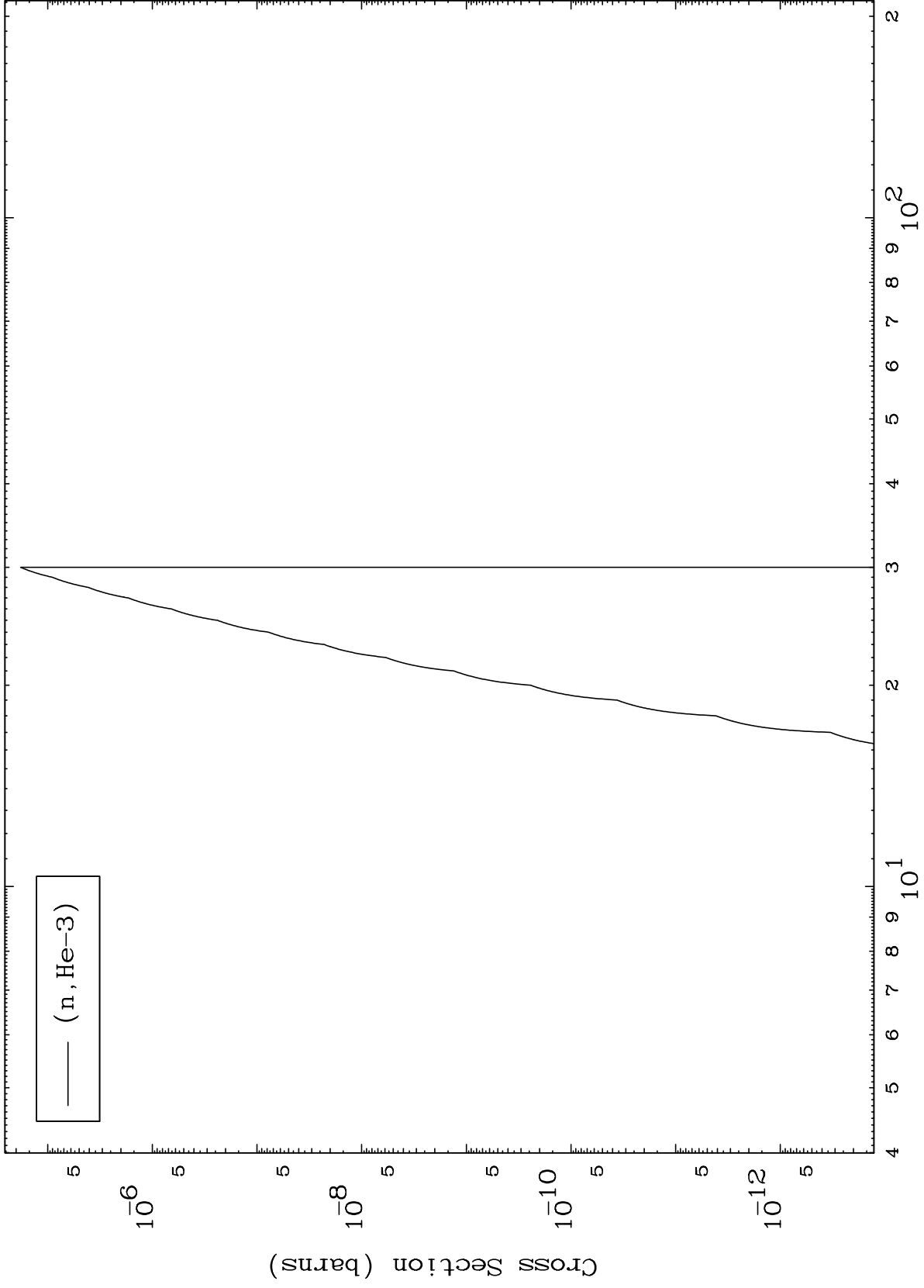
99-Es-257



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(n,He3) Levels  
293 Kelvin Cross Sections

99-Es-257



12

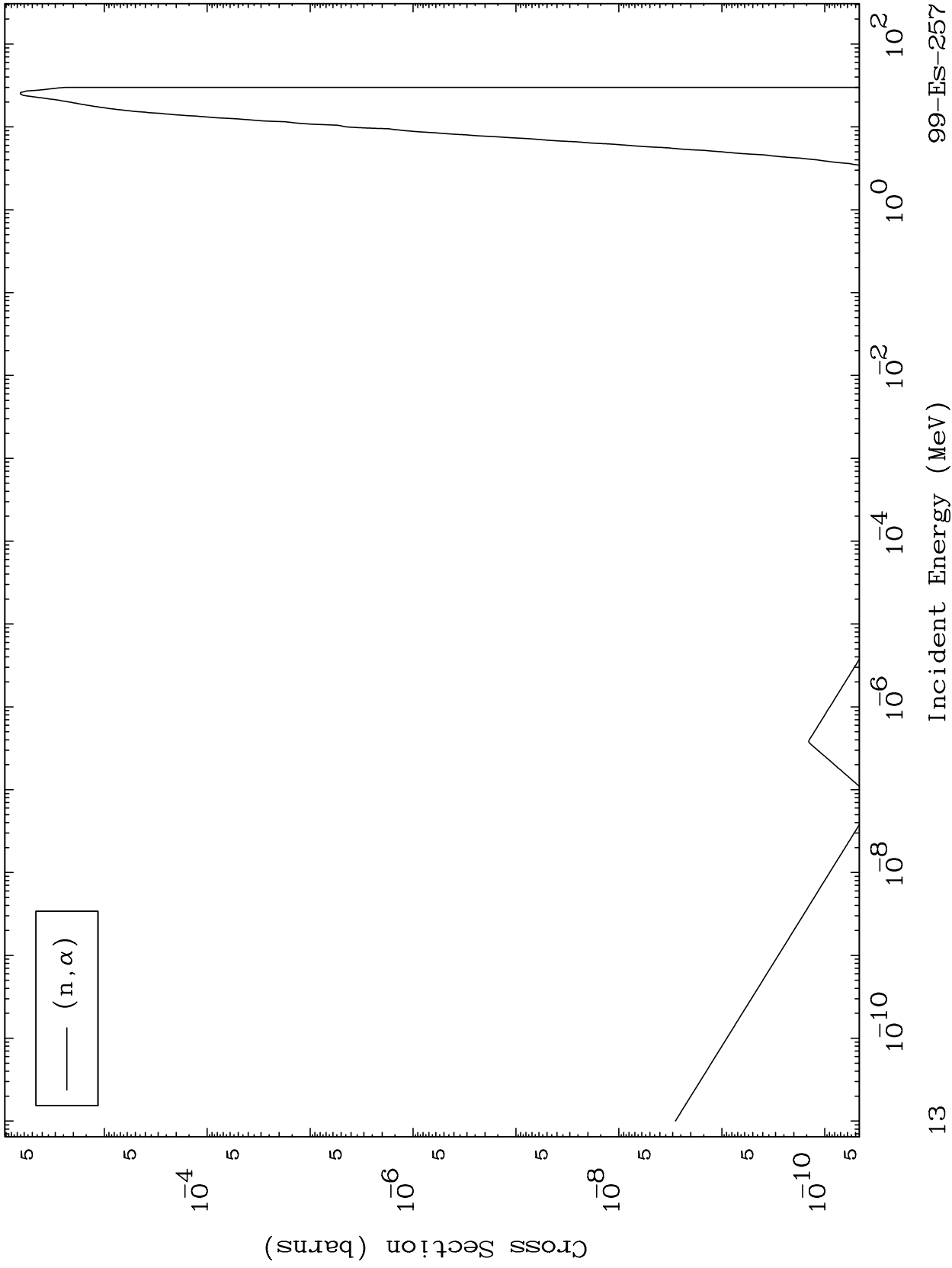
Incident Energy (MeV)

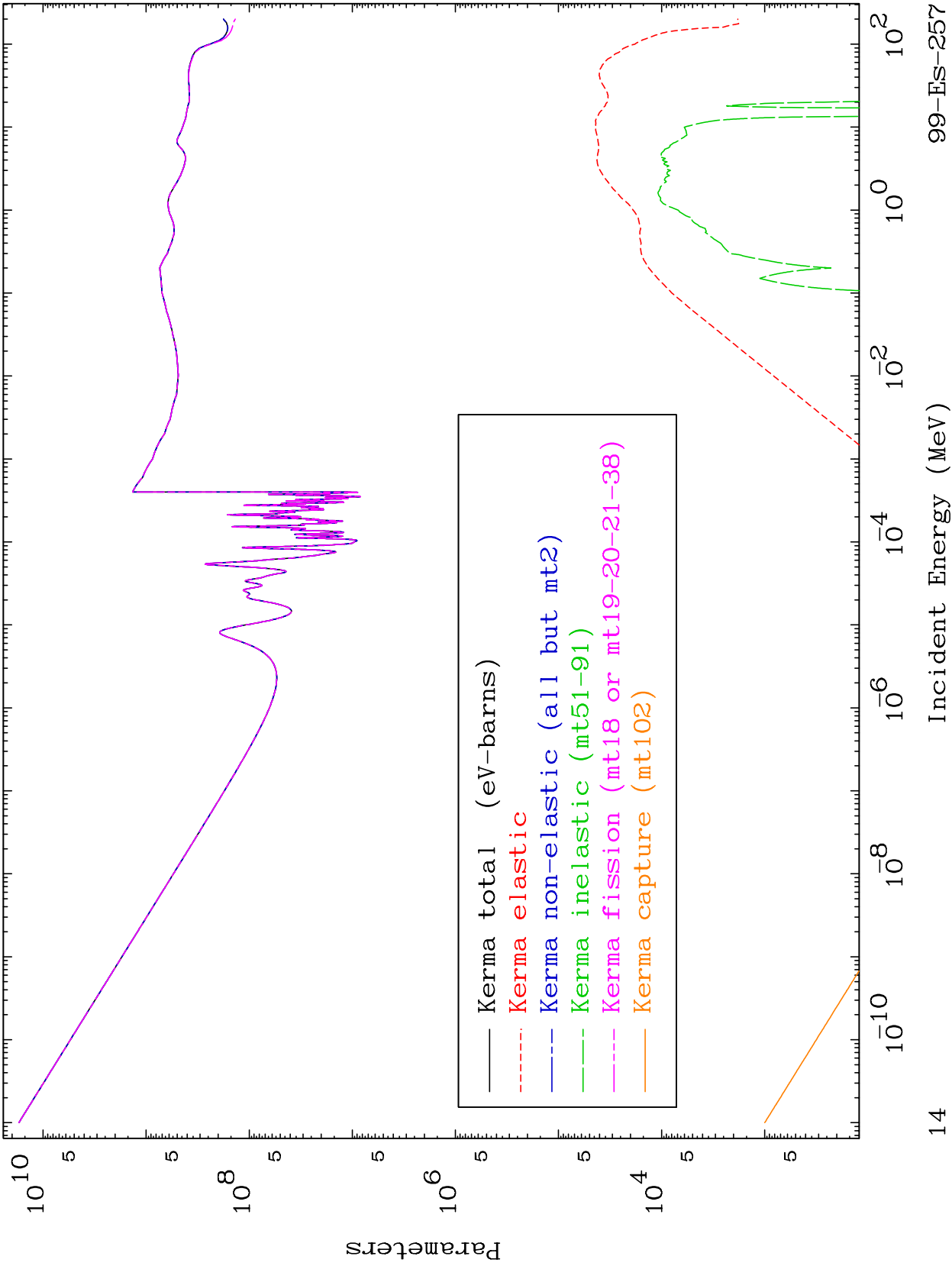
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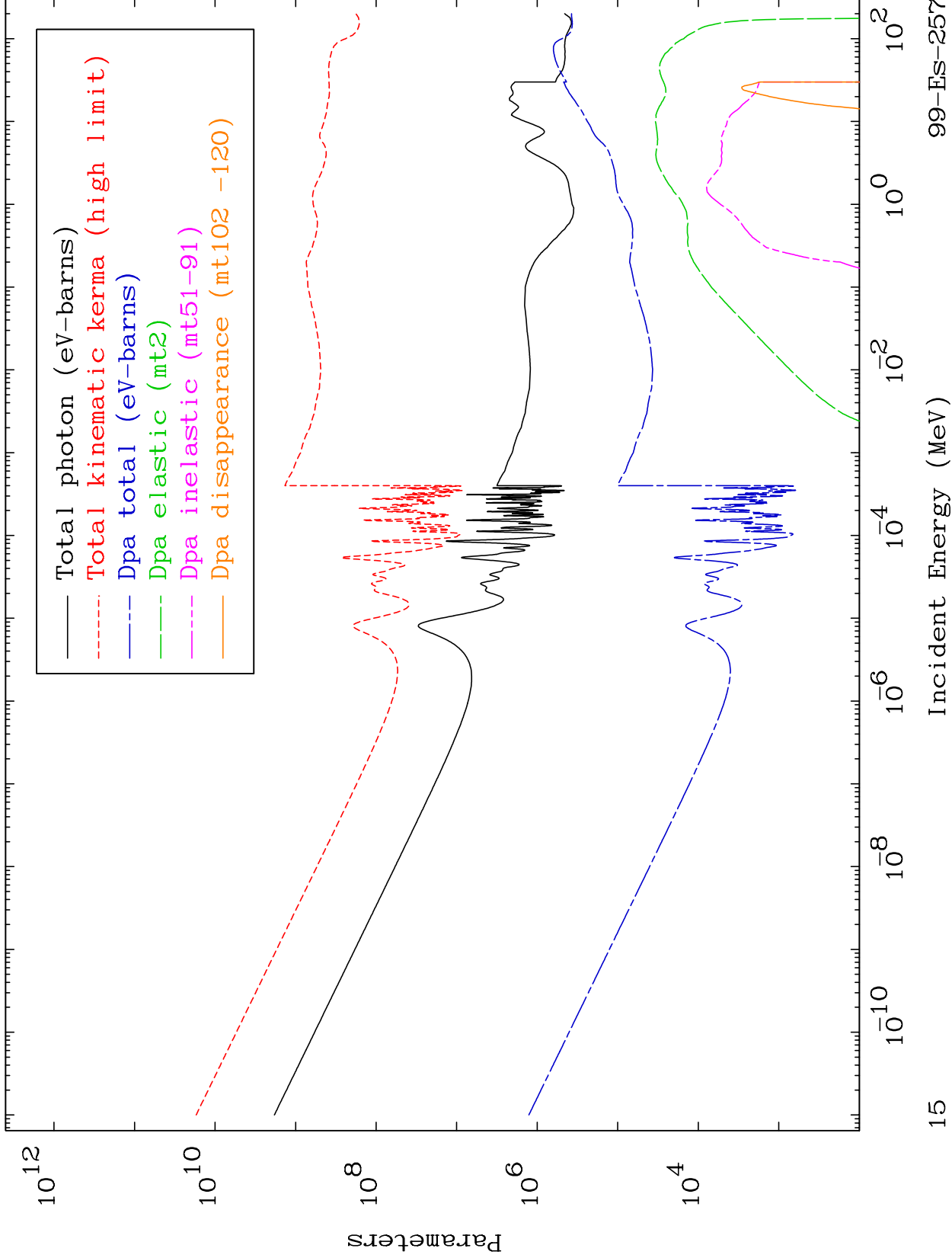
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

99-Es-257





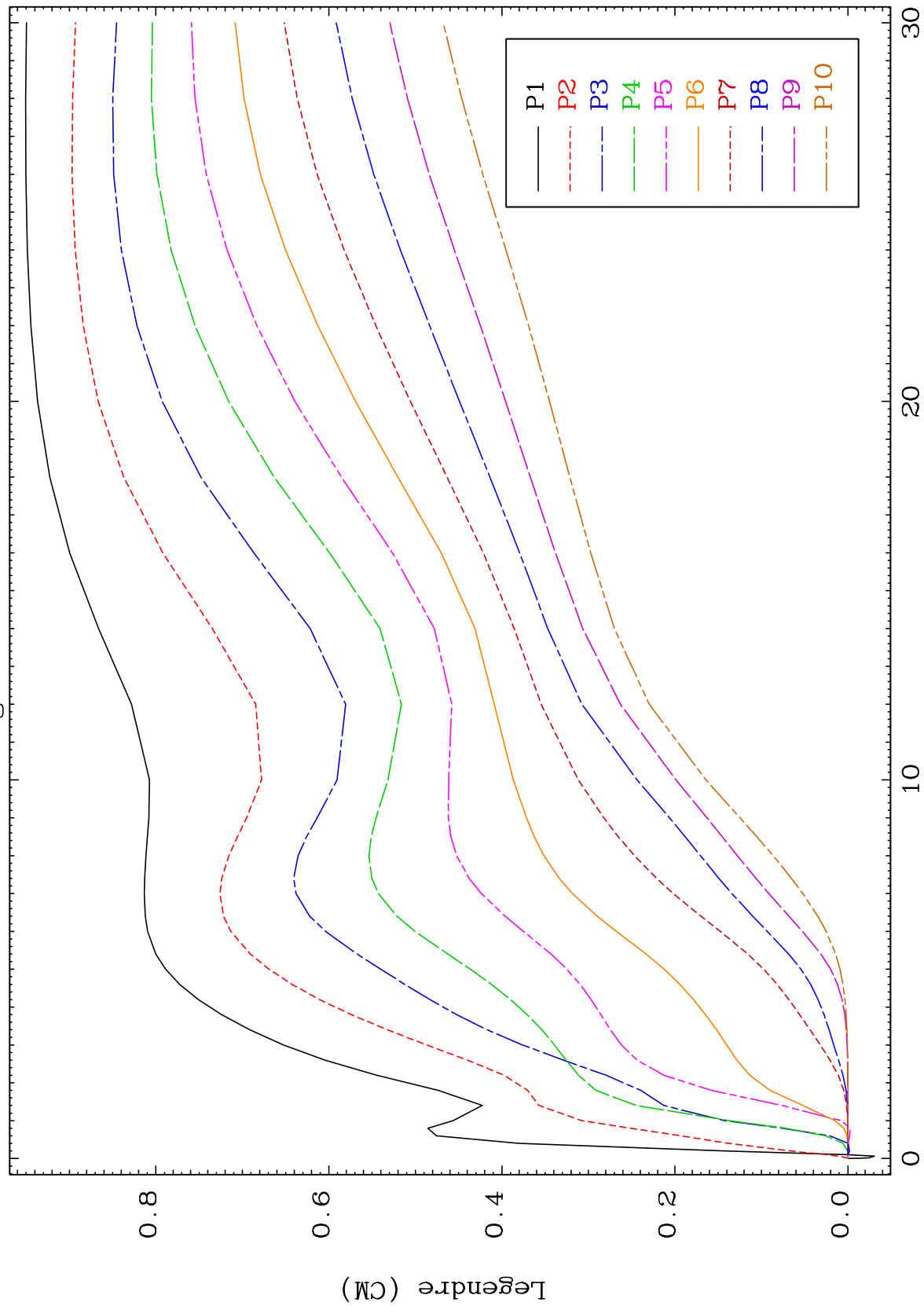




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Elastic Legendre Coefficients

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16

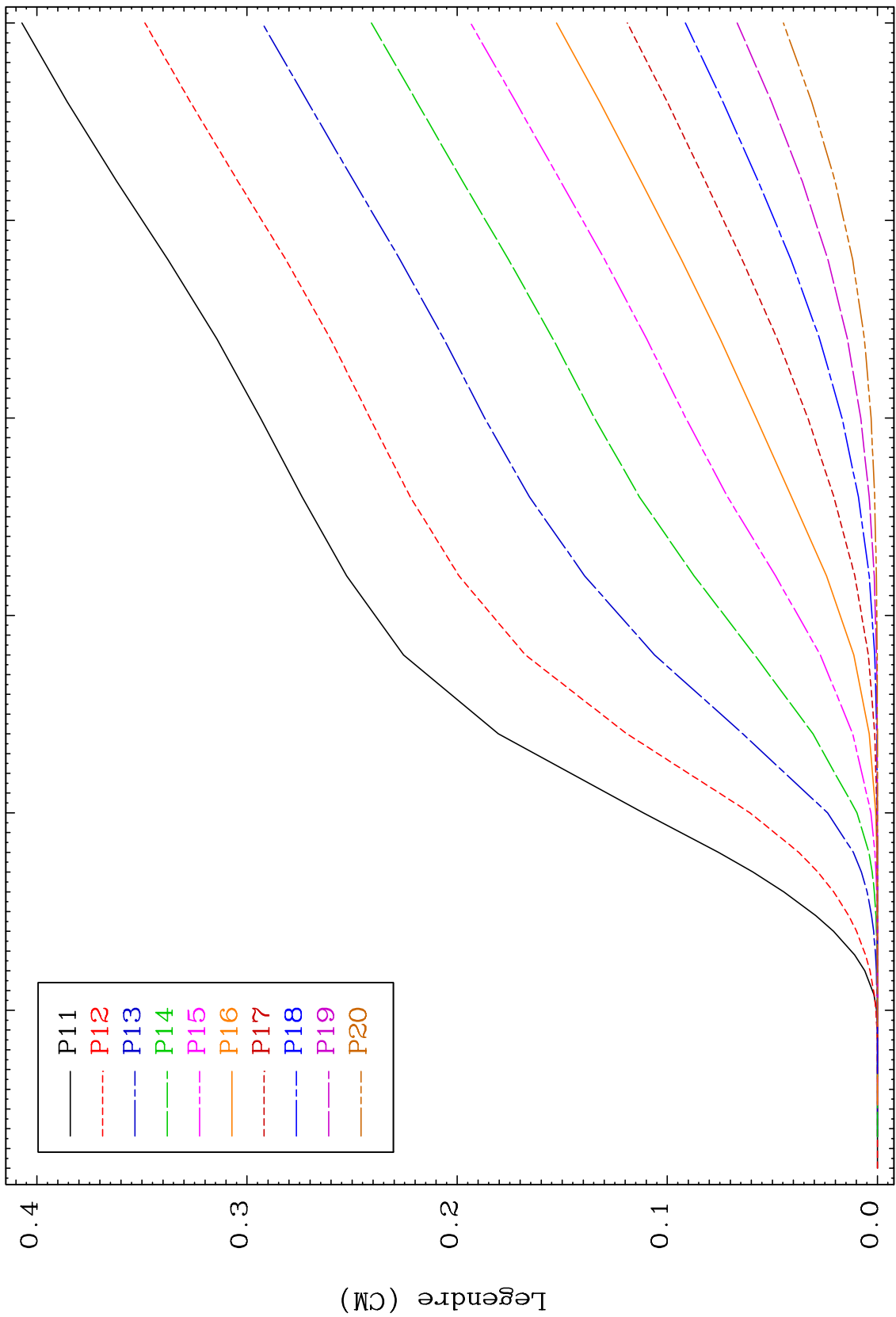
Incident Energy (MeV)

99-Es-257

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Elastic Legendre Coefficients

99-Es-257



17

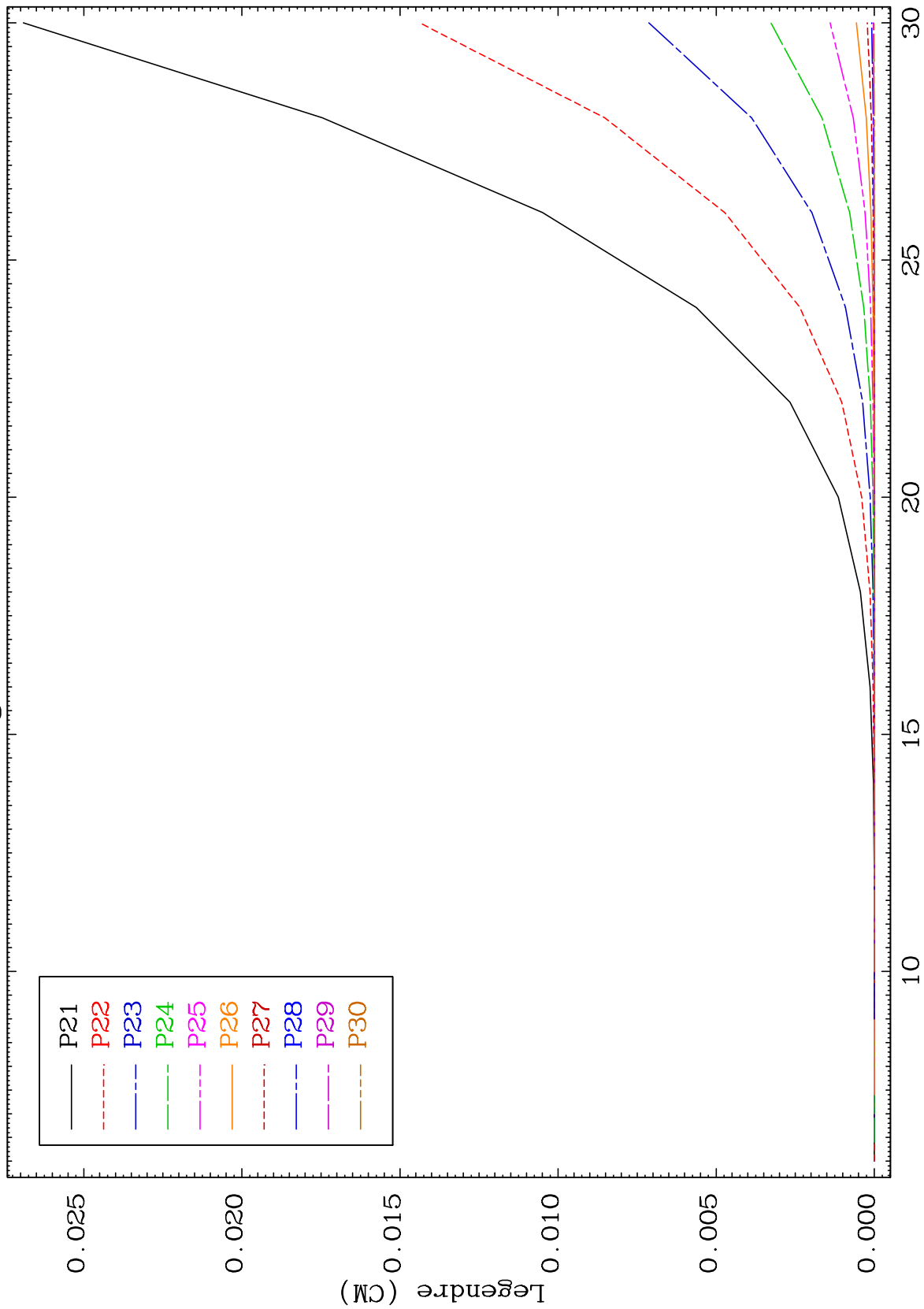
Incident Energy (MeV)

99-Es-257

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### Elastic Legendre Coefficients

99-Es-257



18

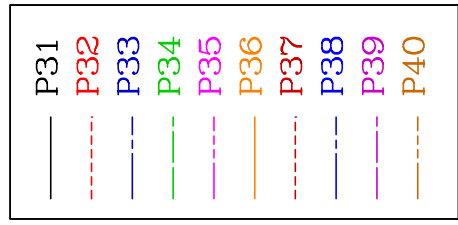
Incident Energy (MeV)

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Elastic Legendre Coefficients

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$\times 10^{-6}$

3

Legendre (CM)

1

0

15

20

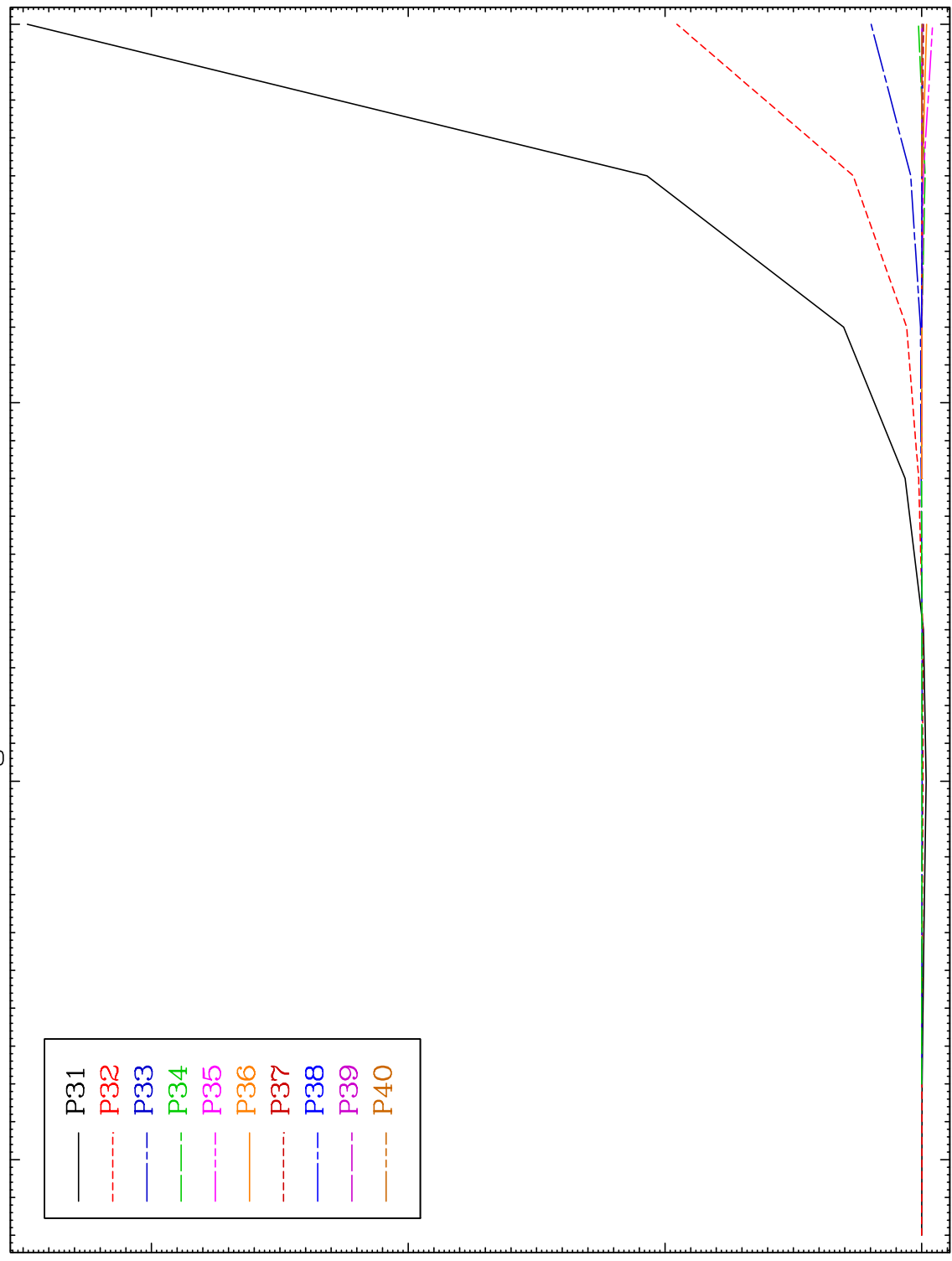
25

30

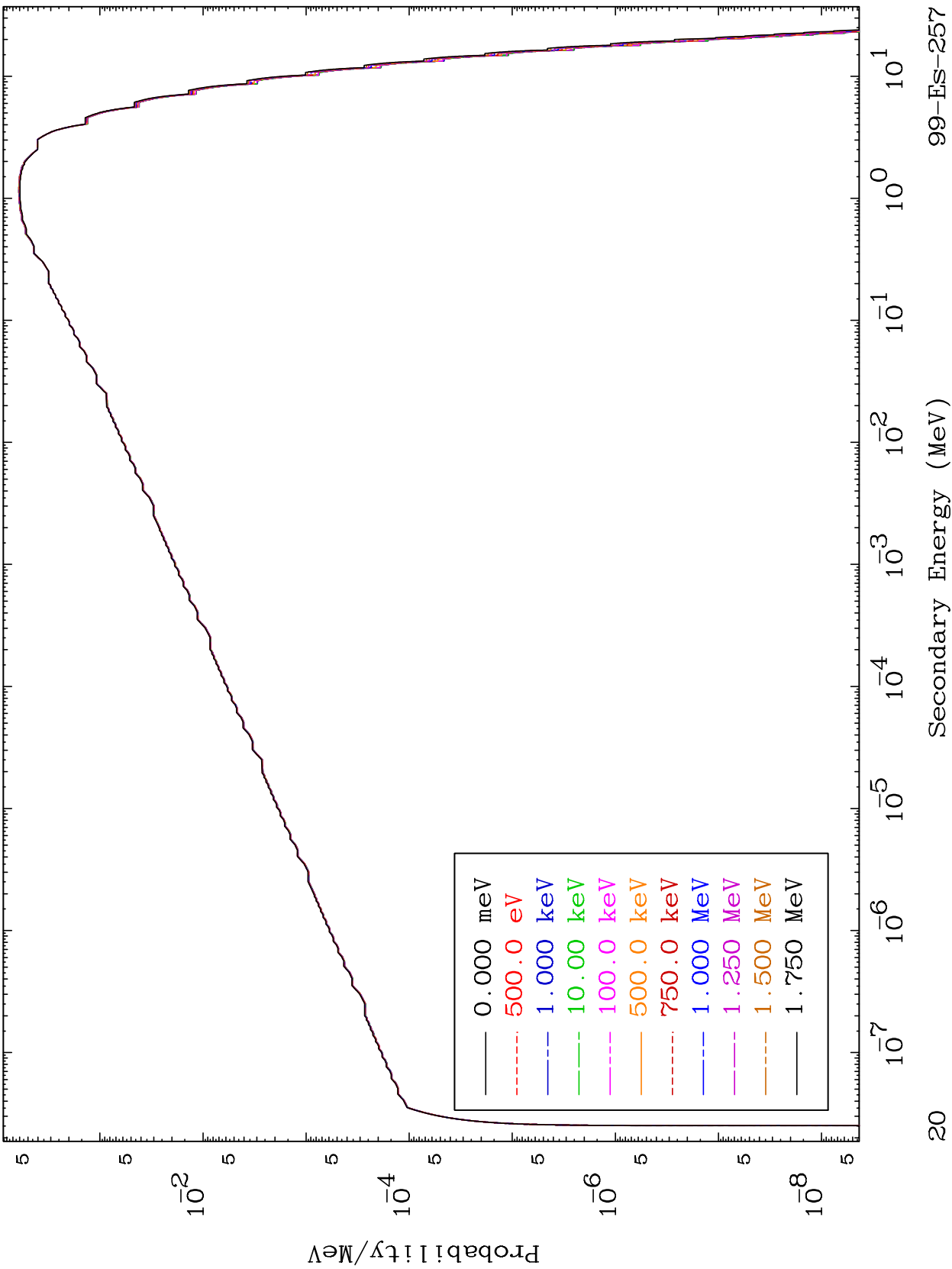
19

Incident Energy (MeV)

99-Es-257



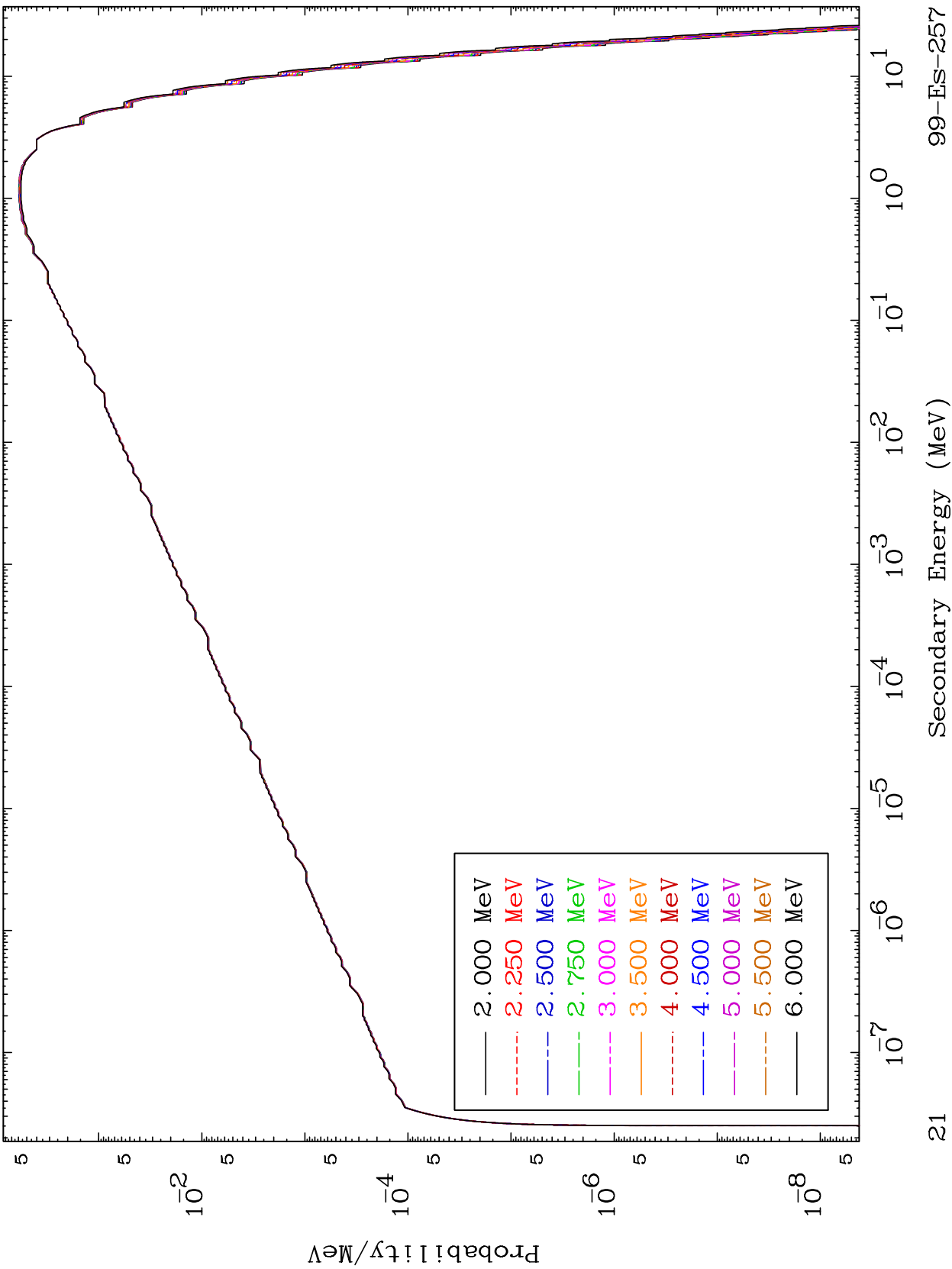
Fission  
Energy Distribution



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Fission  
Energy Distribution

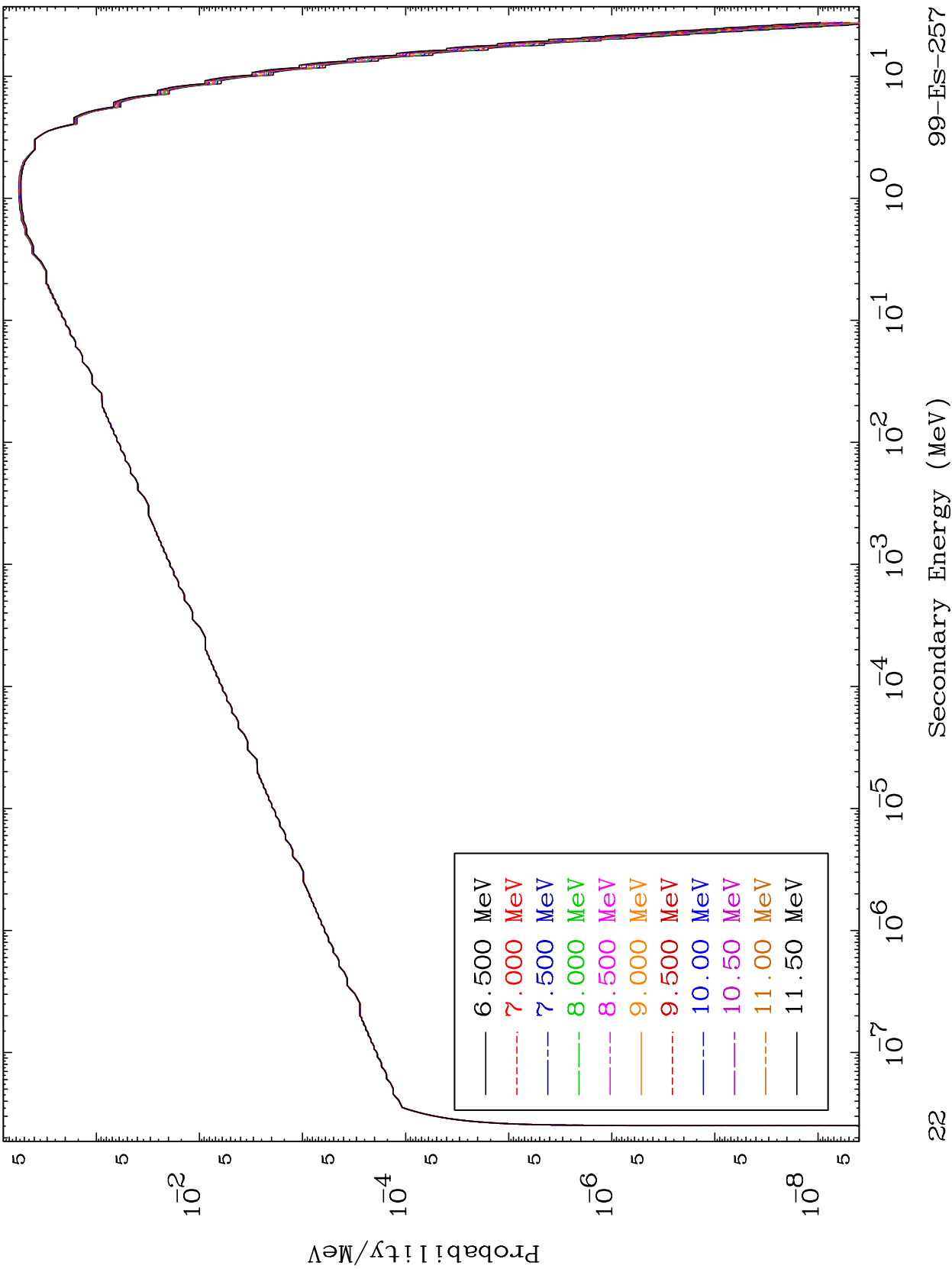
99-Es-257



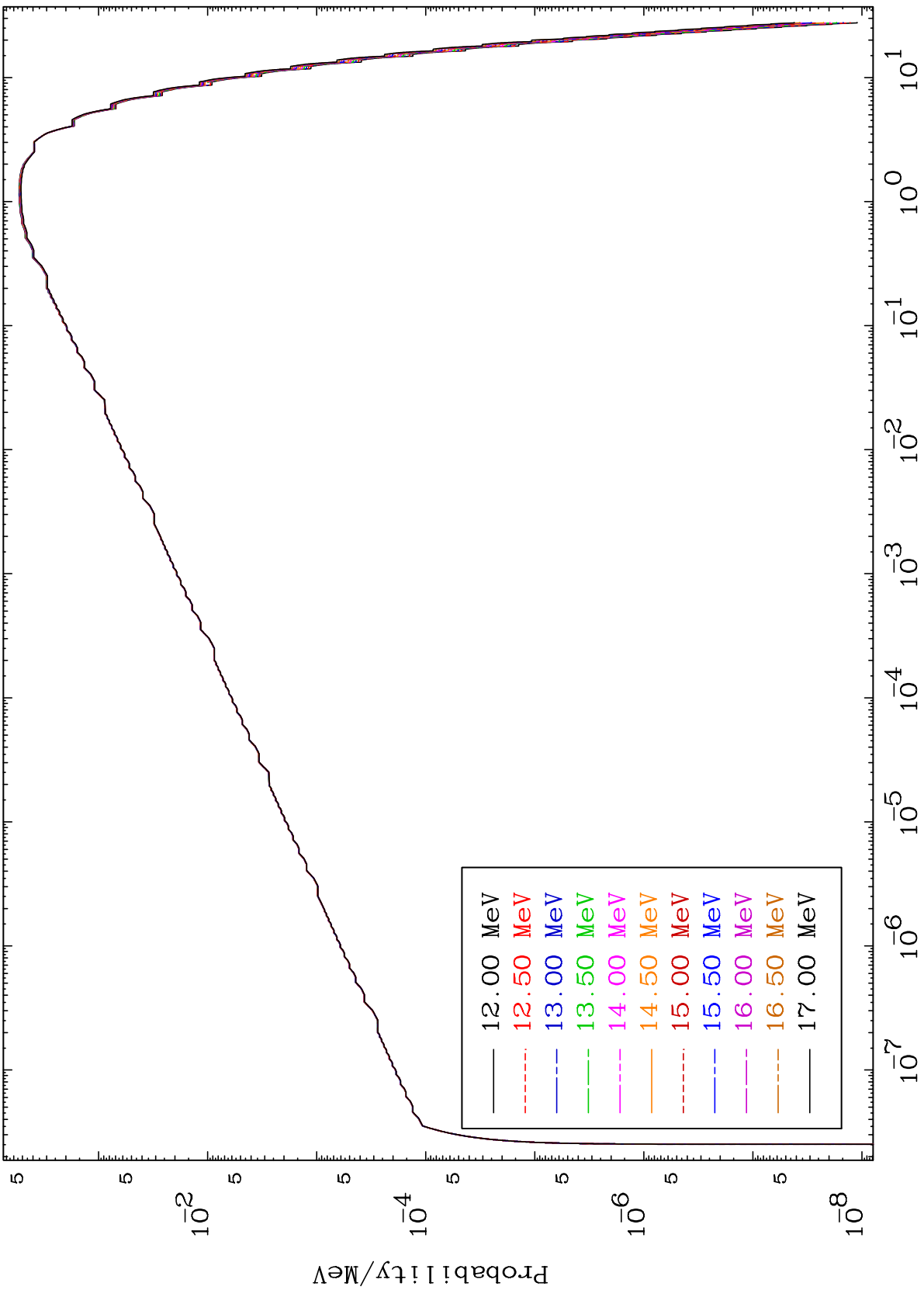
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Secondary Energy (MeV)

Fission  
Energy Distribution



Fission  
Energy Distribution

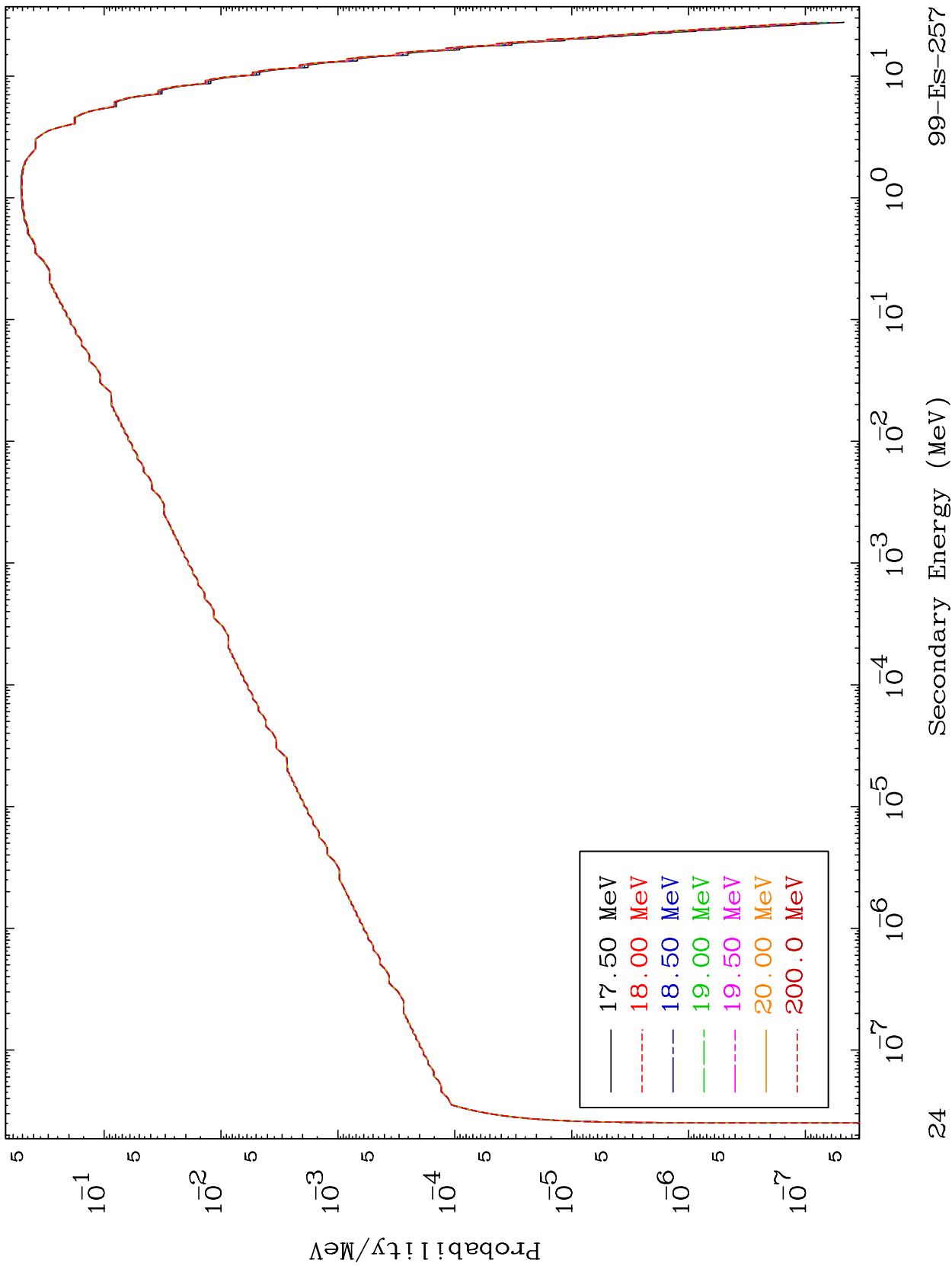




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### Fission Energy Distribution

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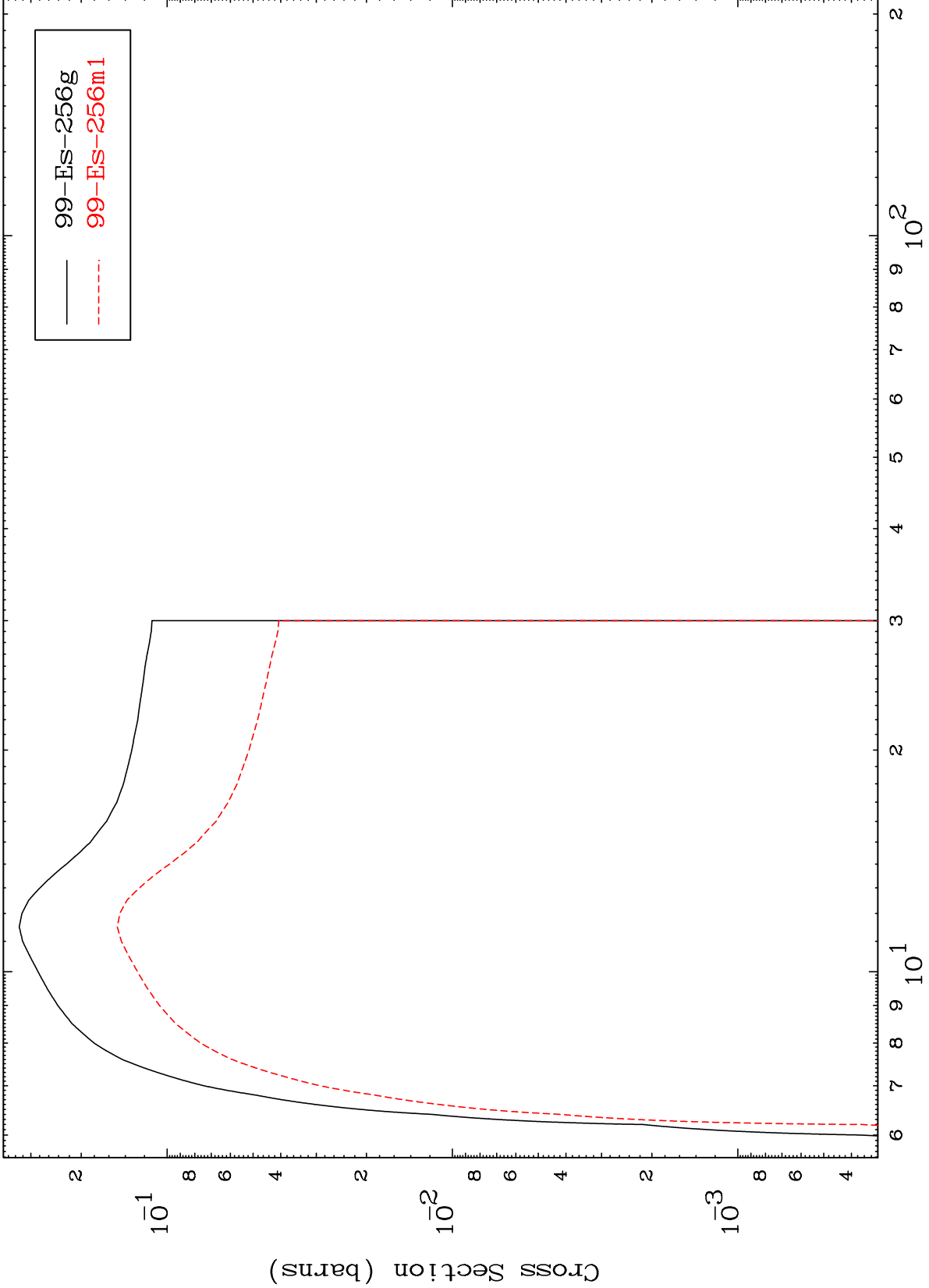


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(n,2n)

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Radionuclide Production Cross Section



25

Incident Energy (MeV)

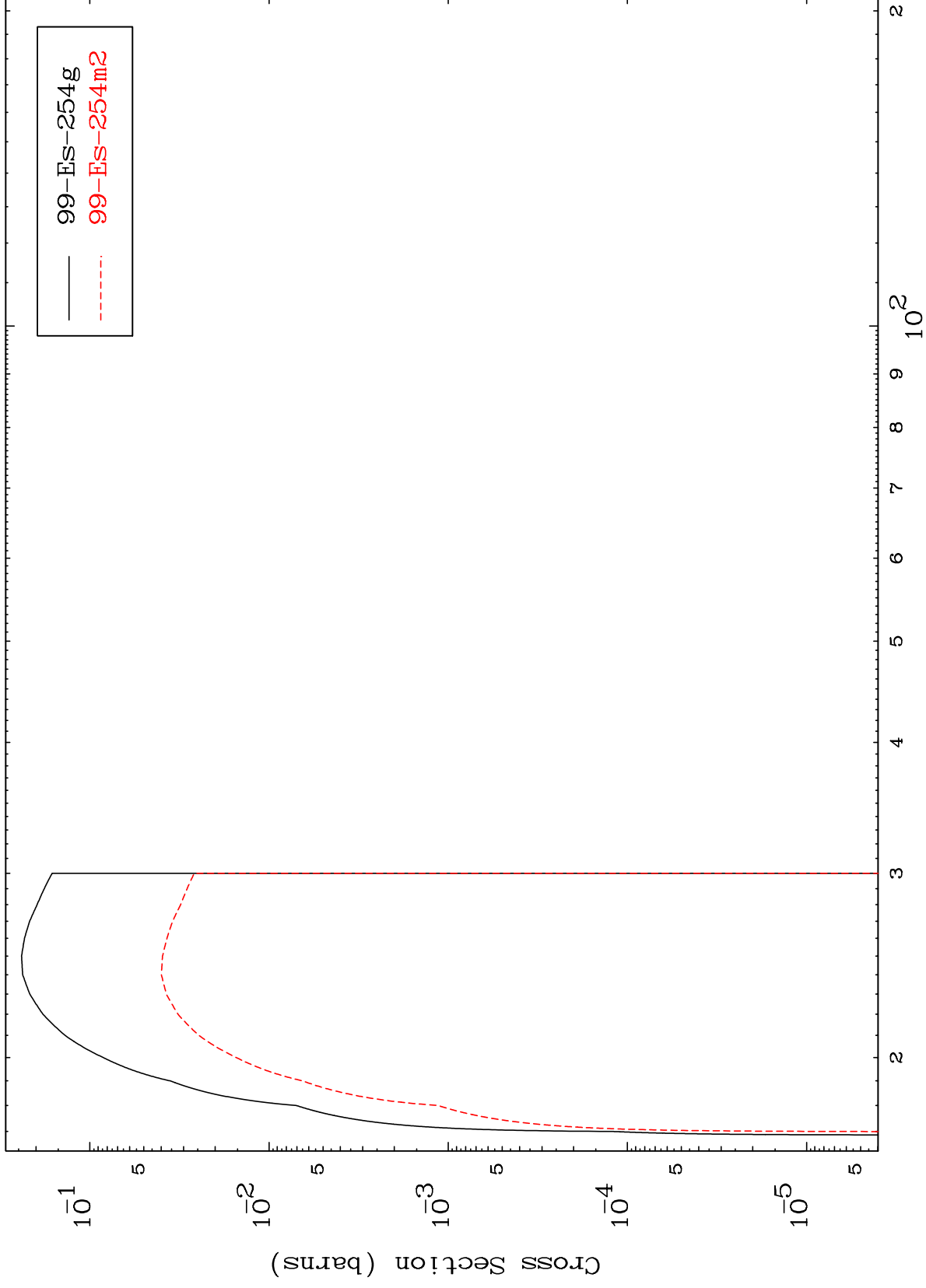
99-Es-257

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(n,4n)

99-Es-257

Radionuclide Production Cross Section



26

Incident Energy (MeV)

99-Es-257