

Program EVALPLOT  
(Version 2017-1)

by

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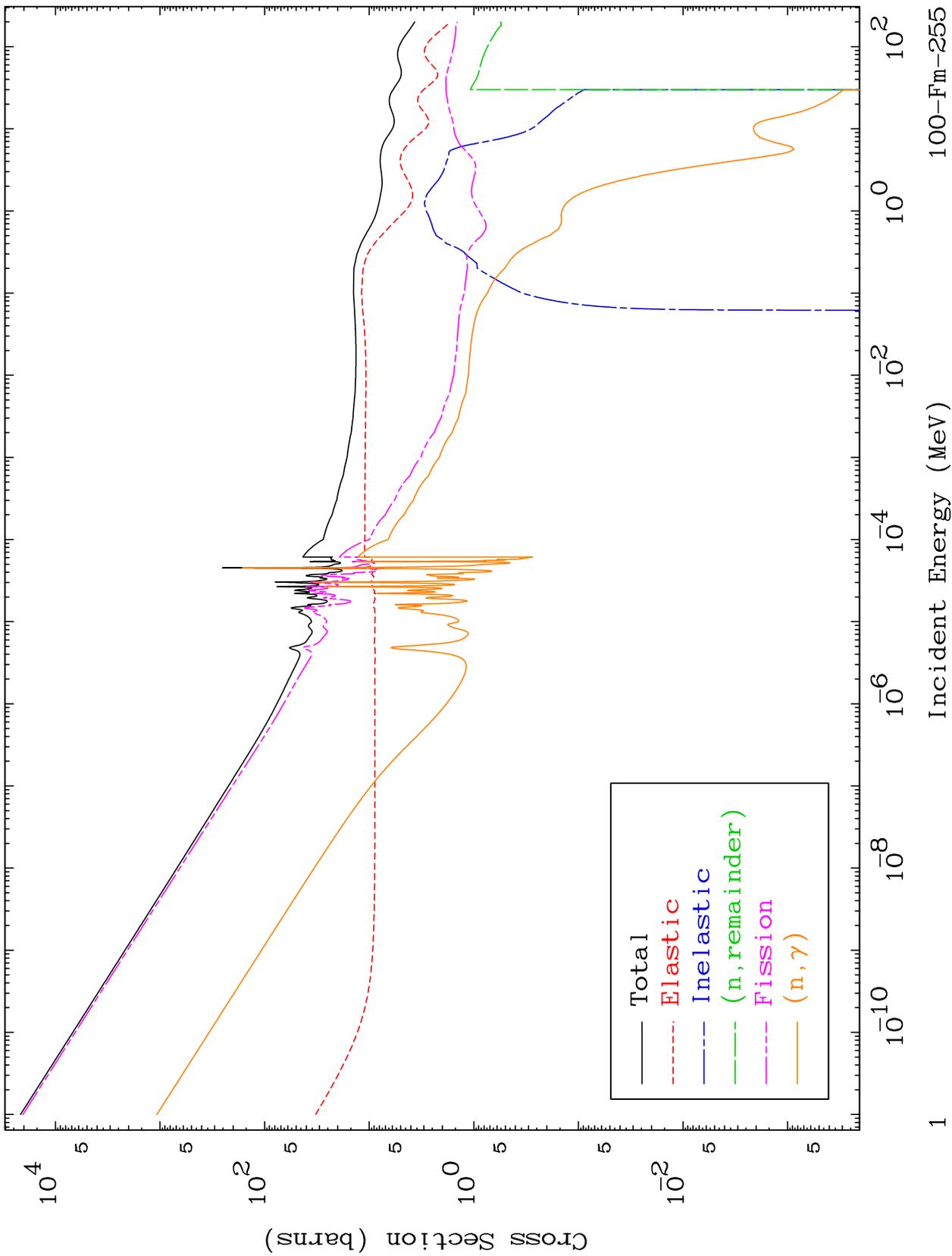
Press Mouse Button to Start

MAT 9936

Major

293 Kelvin Cross Sections

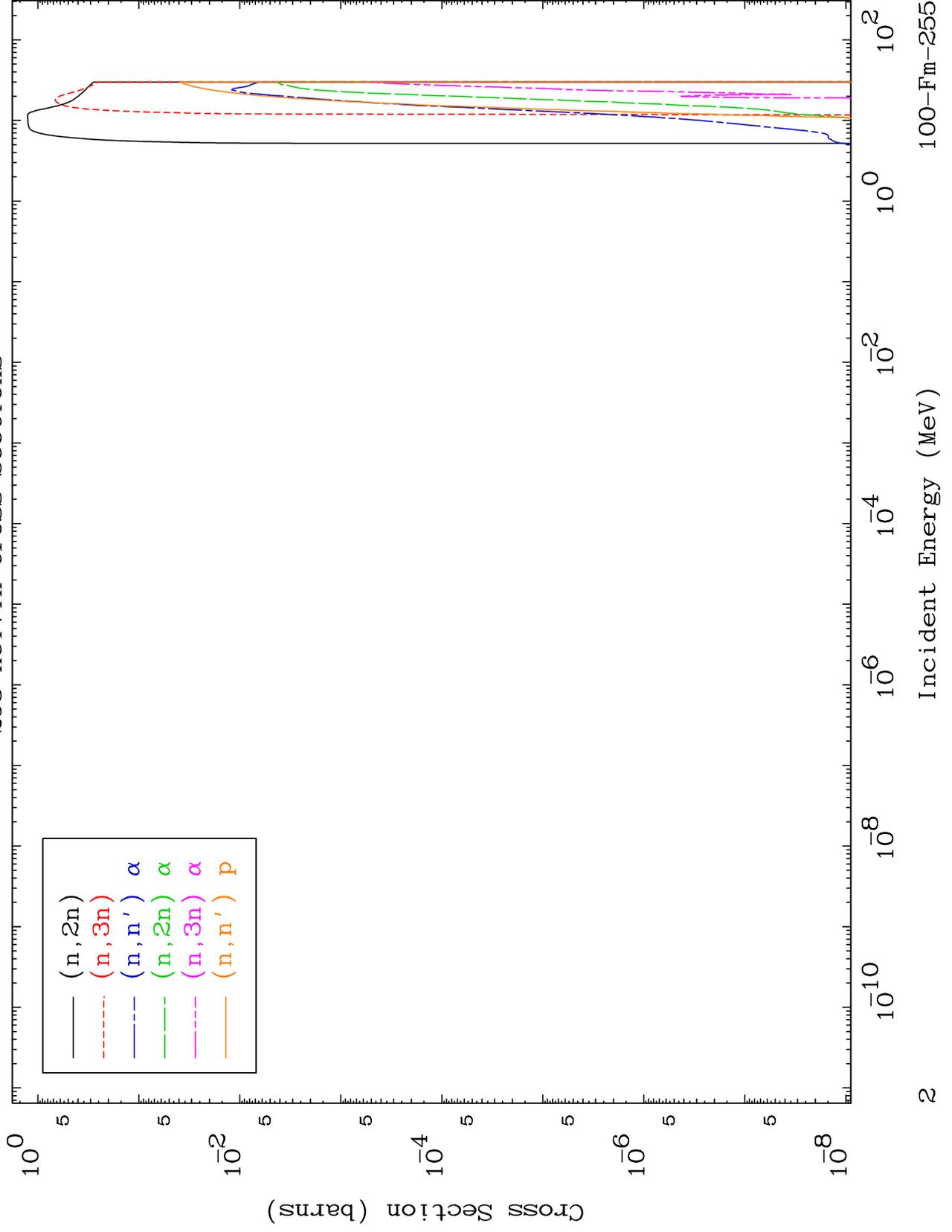
100-Fm-255



MAT 9936

Neutron Production  
293 Kelvin Cross Sections

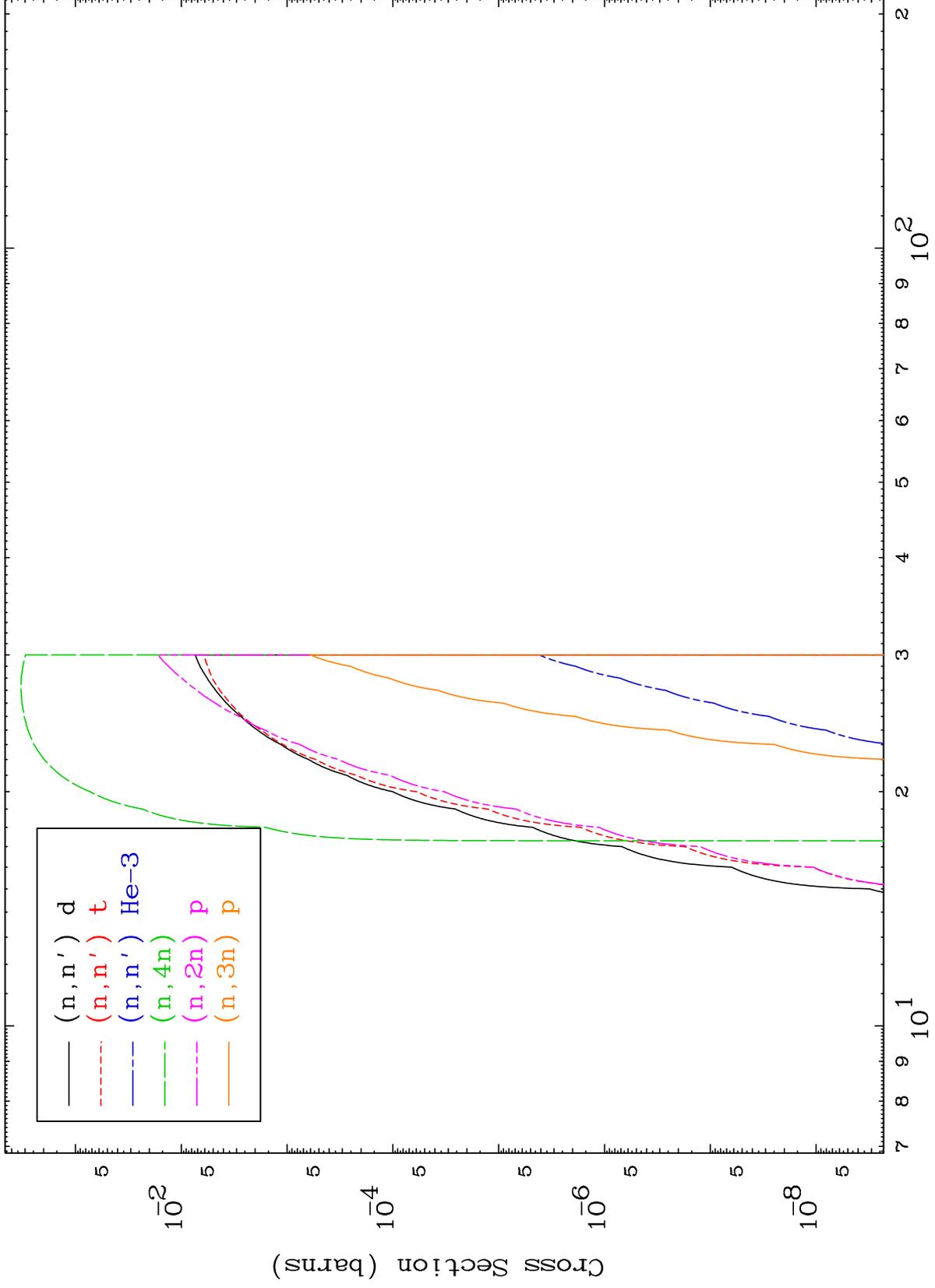
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MAT 9936

Neutron Production  
293 Kelvin Cross Sections

100-Fm-255



3

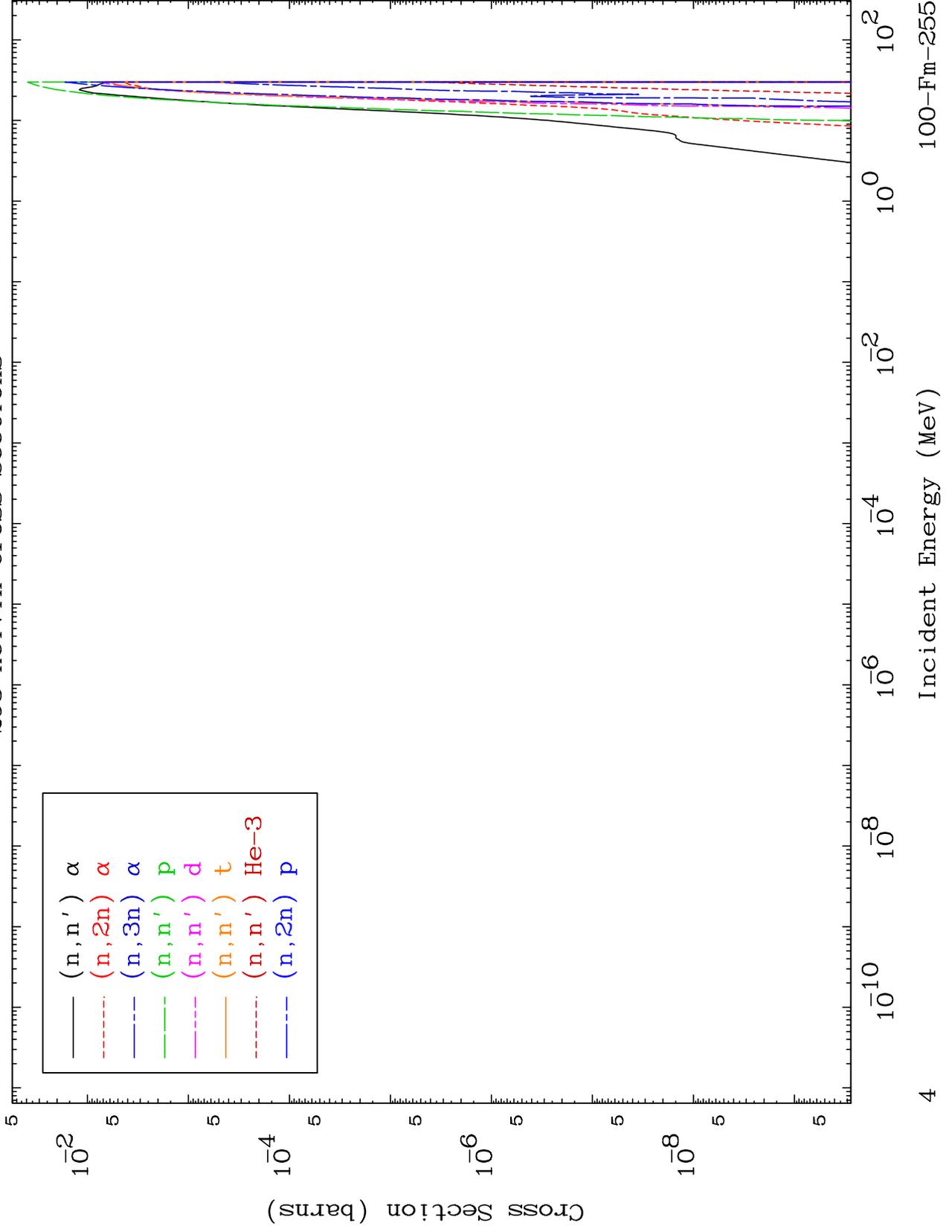
Incident Energy (MeV)

100-Fm-255

MAT 9936

Charged Particle  
293 Kelvin Cross Sections

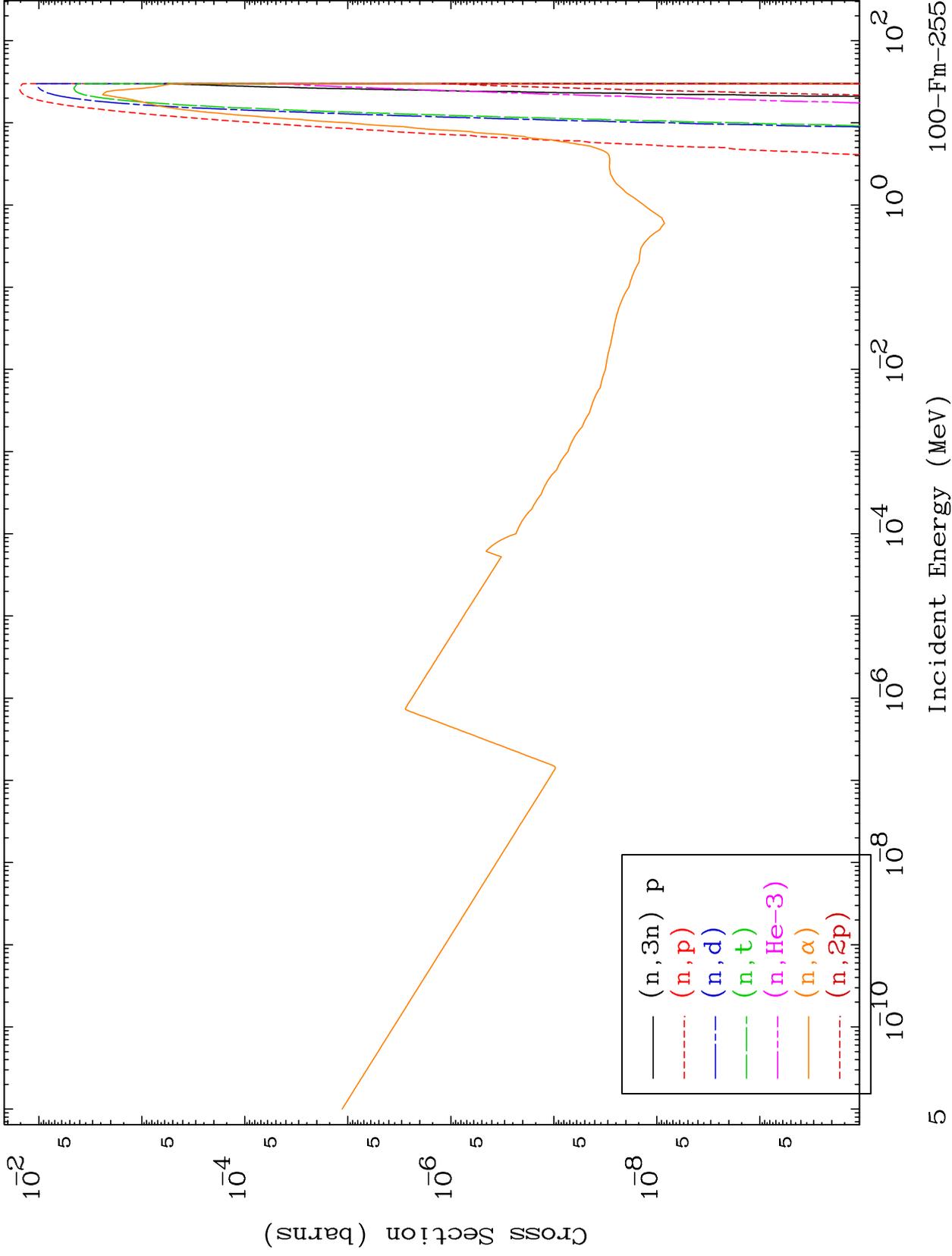
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MAT 9936

Charged Particle  
293 Kelvin Cross Sections

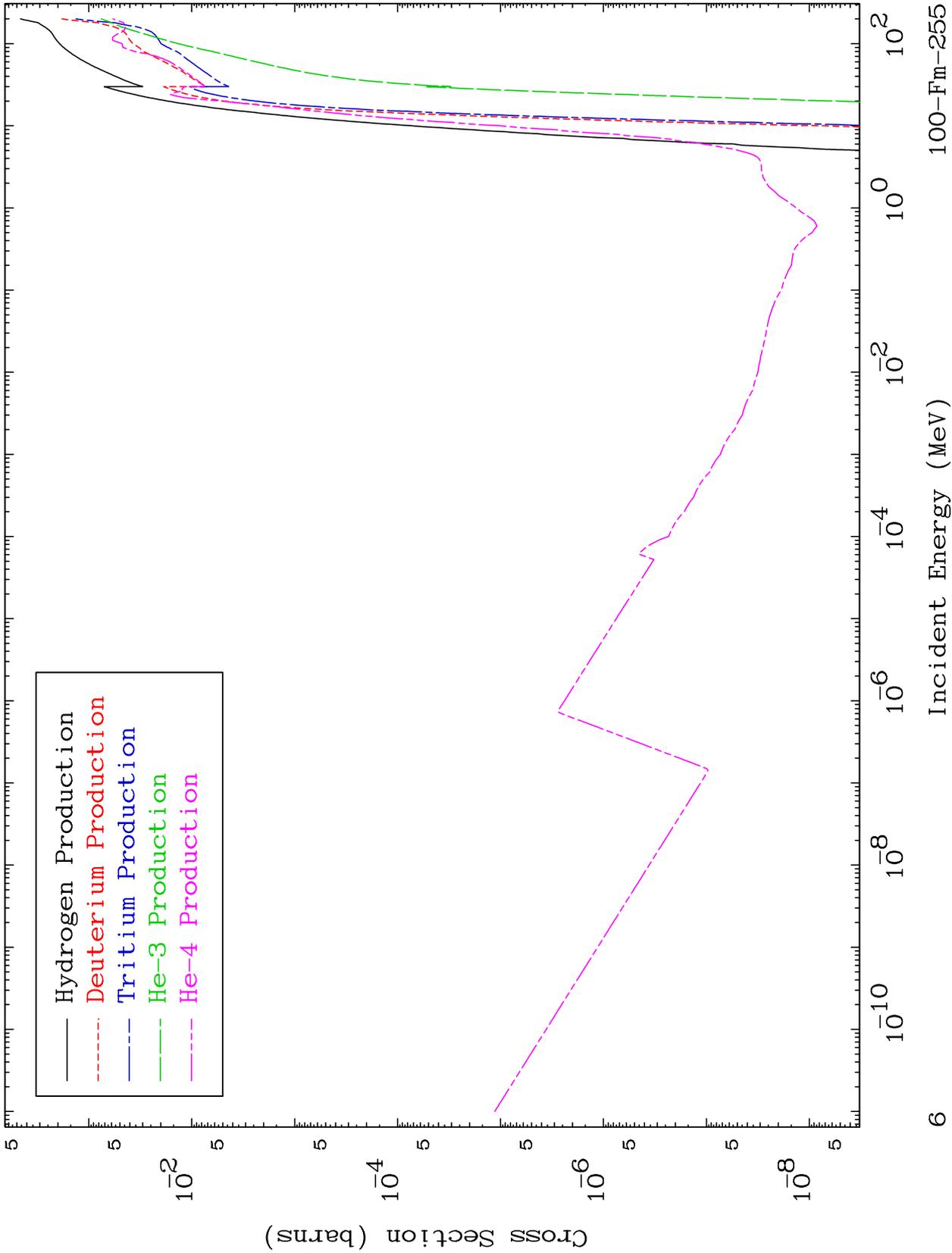
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Particle Production  
293 Kelvin Cross Sections

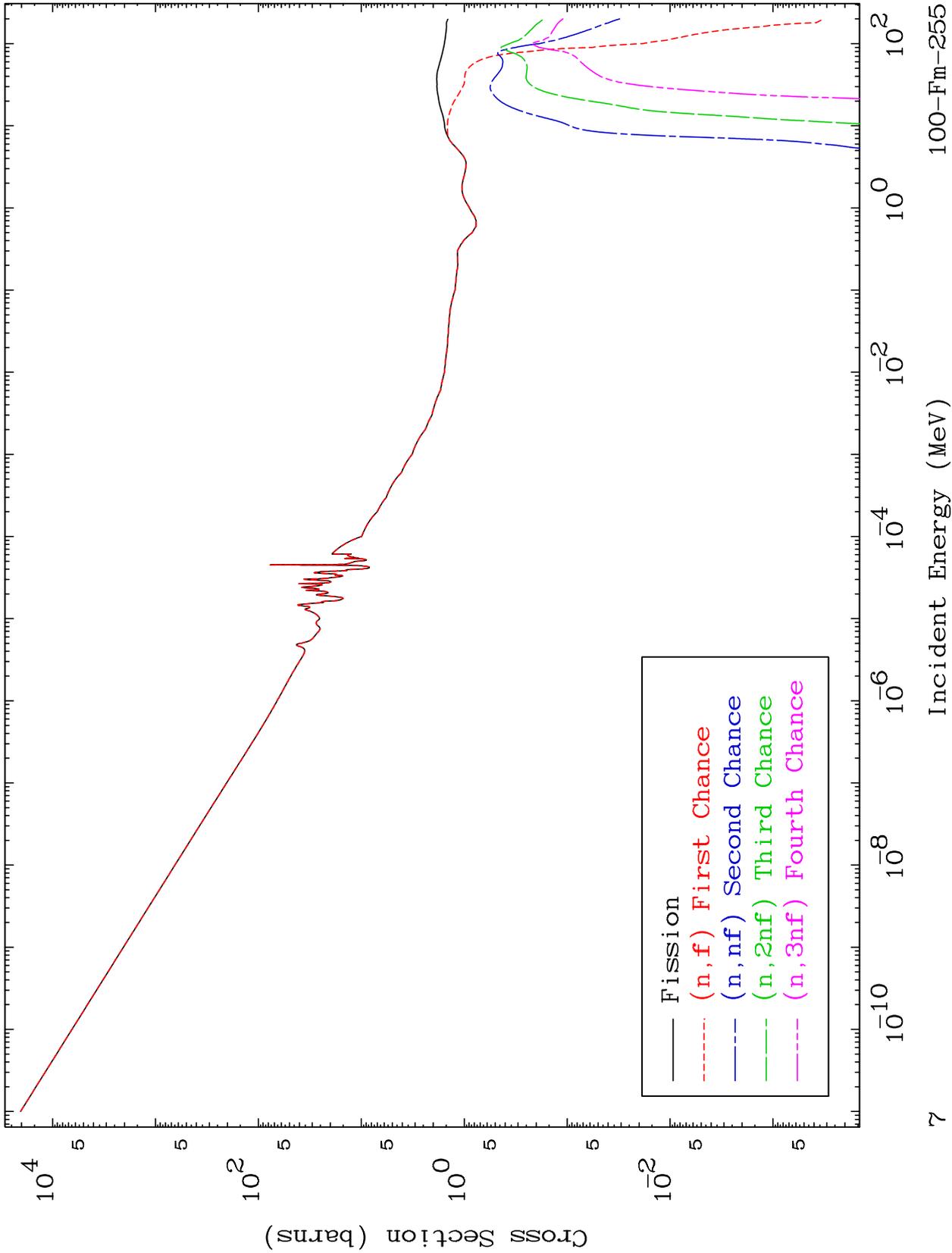
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MAT 9936

Fission  
293 Kelvin Cross Sections

100-Fm-255

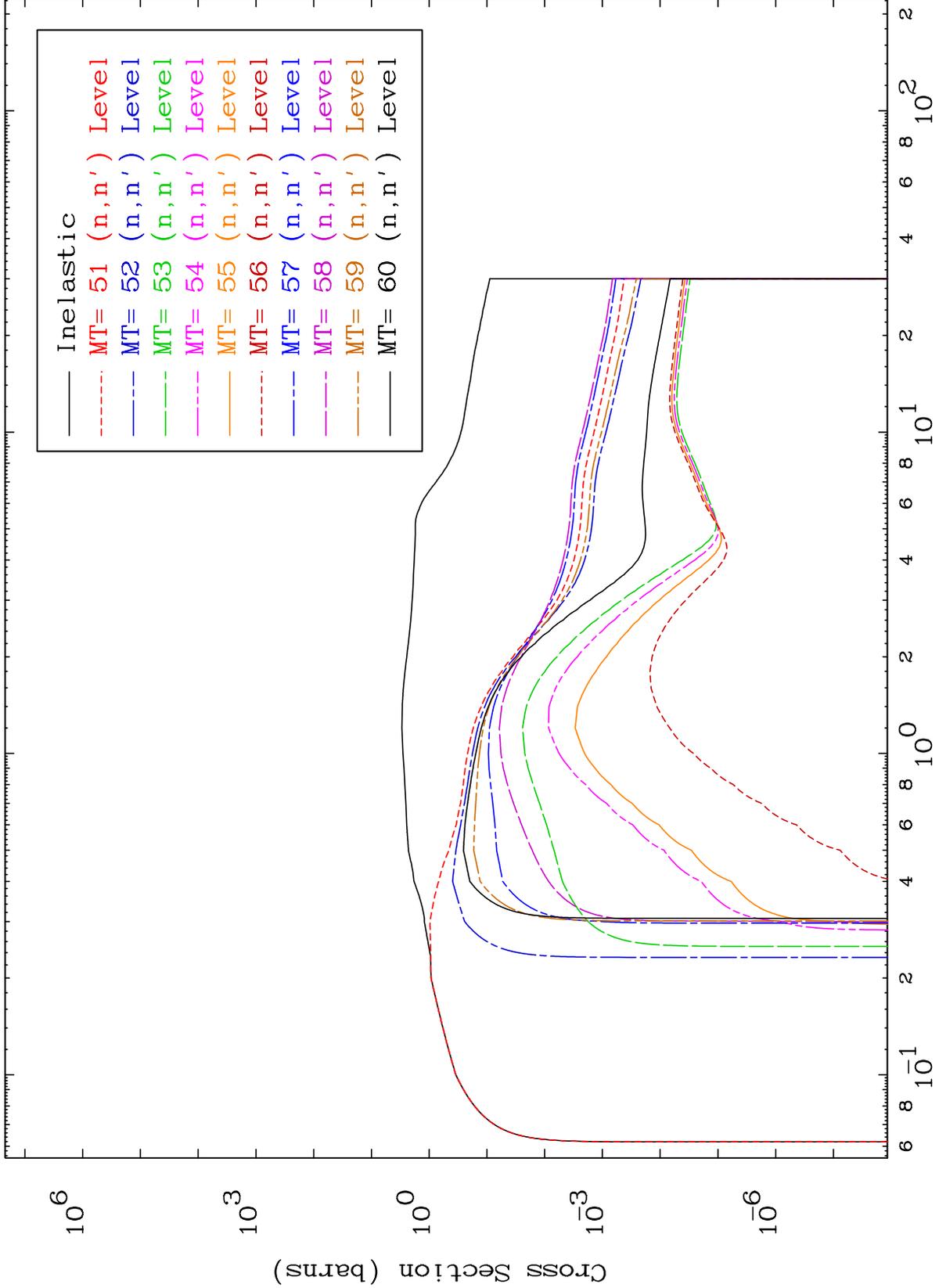


MAT 9936

(n,n') Level

100-Fm-255

293 Kelvin Cross Sections



8

Incident Energy (MeV)

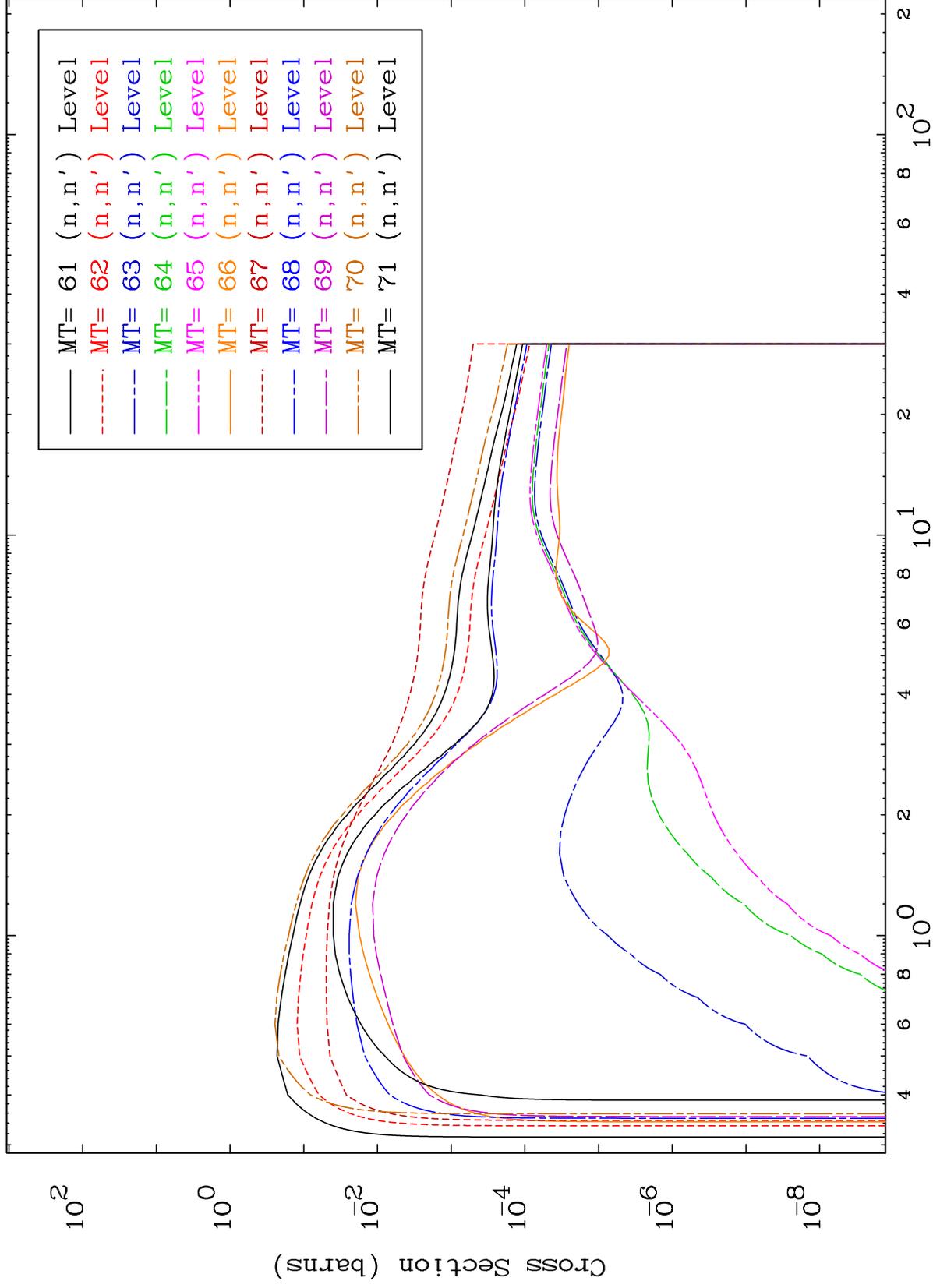
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MAT 9936

(n,n') Level

100-Fm-255

293 Kelvin Cross Sections



9

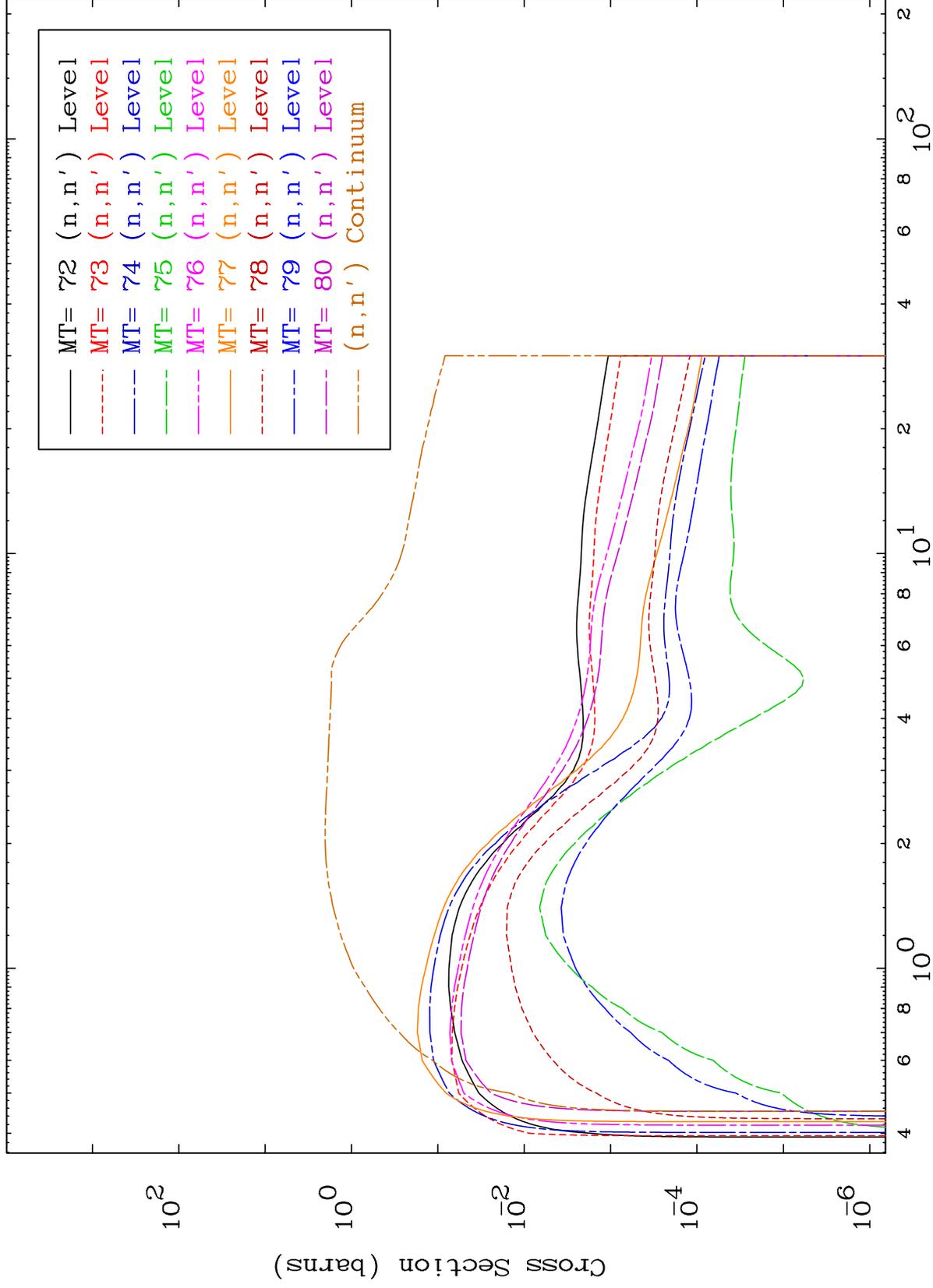
Incident Energy (MeV)

100-Fm-255

MAT 9936

(n,n') Level  
293 Kelvin Cross Sections

100-Fm-255



10

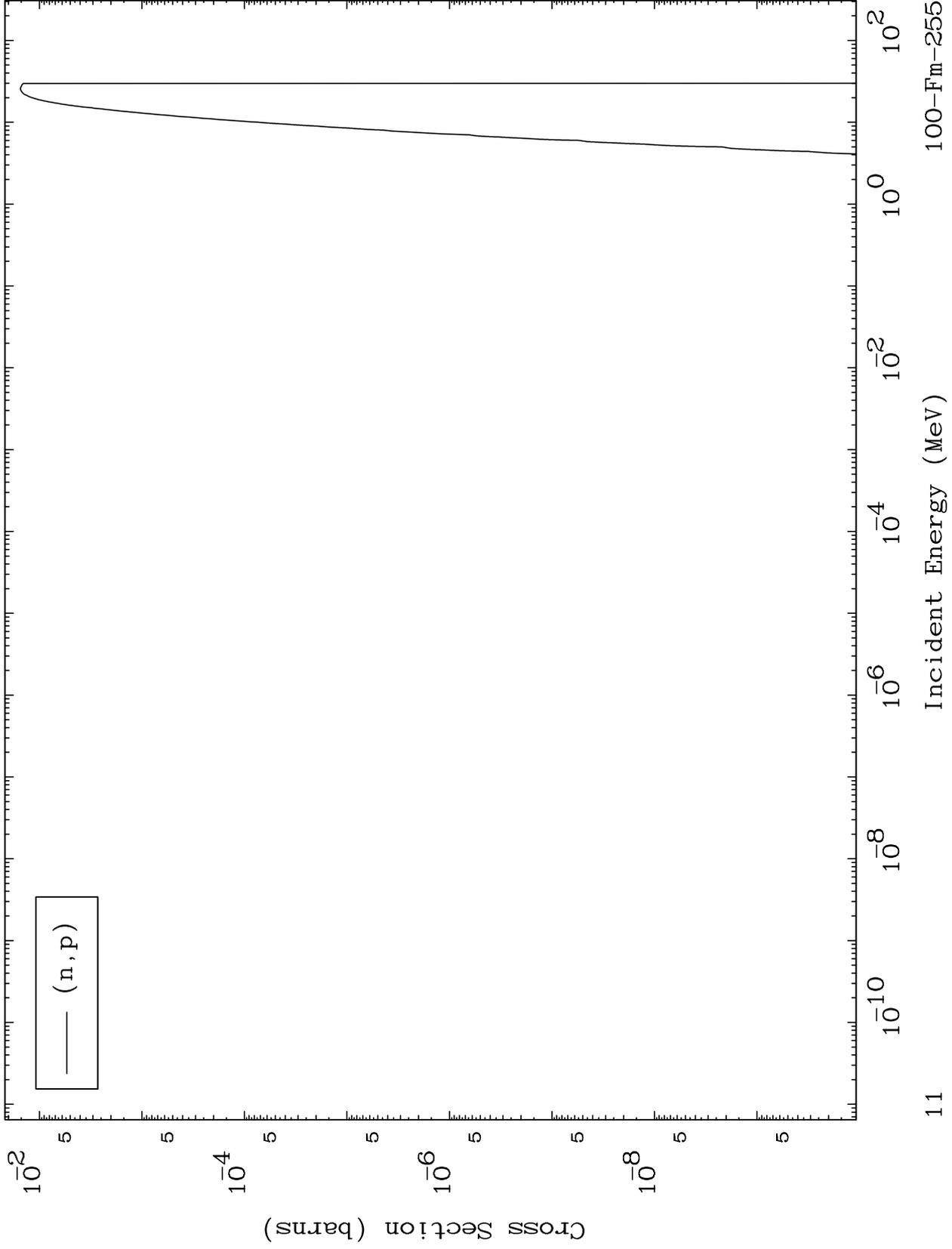
Incident Energy (MeV)

100-Fm-255

MAT 9936

(n,p) Levels  
293 Kelvin Cross Sections

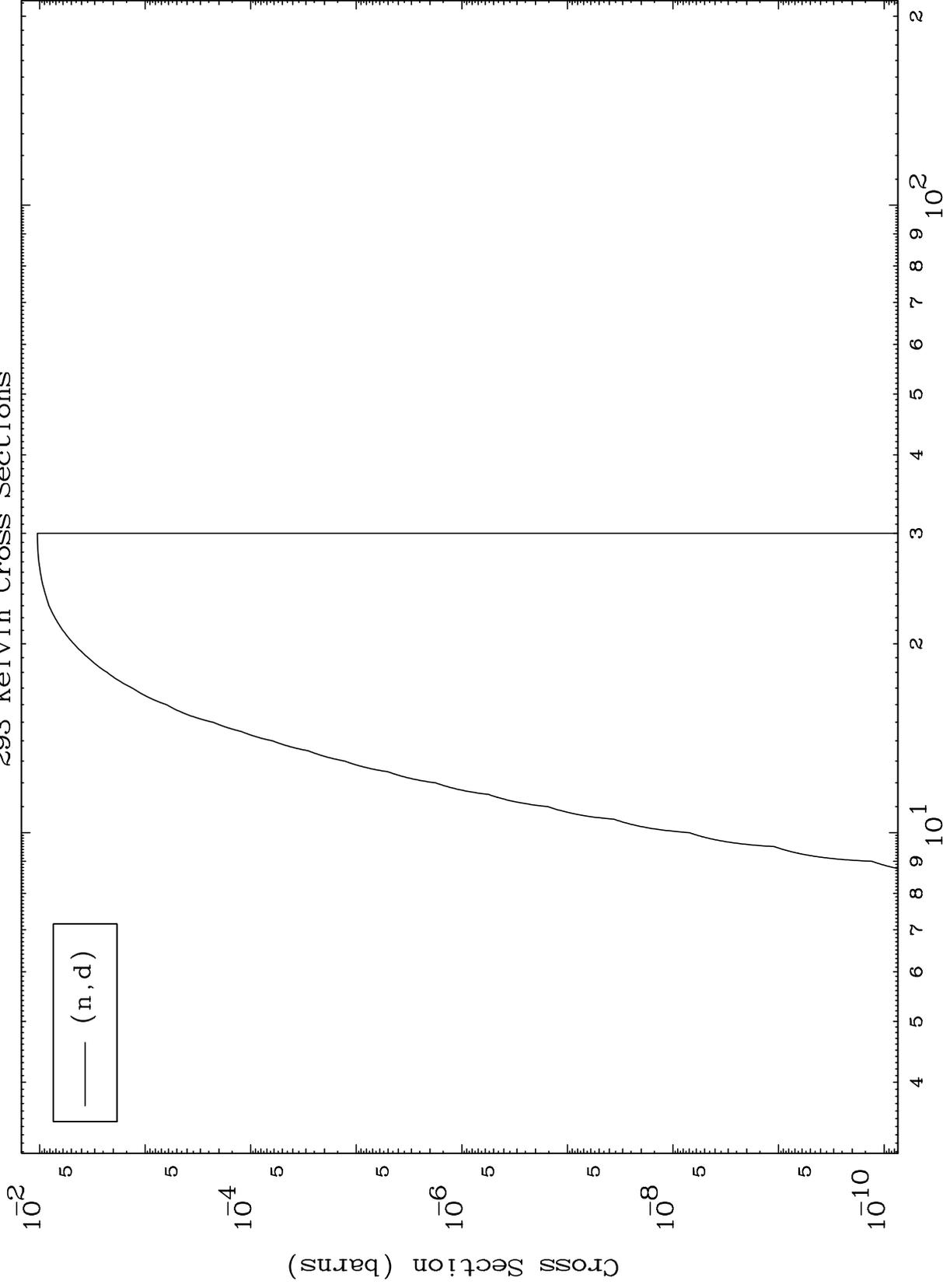
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MAT 9936

(n,d) Levels  
293 Kelvin Cross Sections

100-Fm-255



12

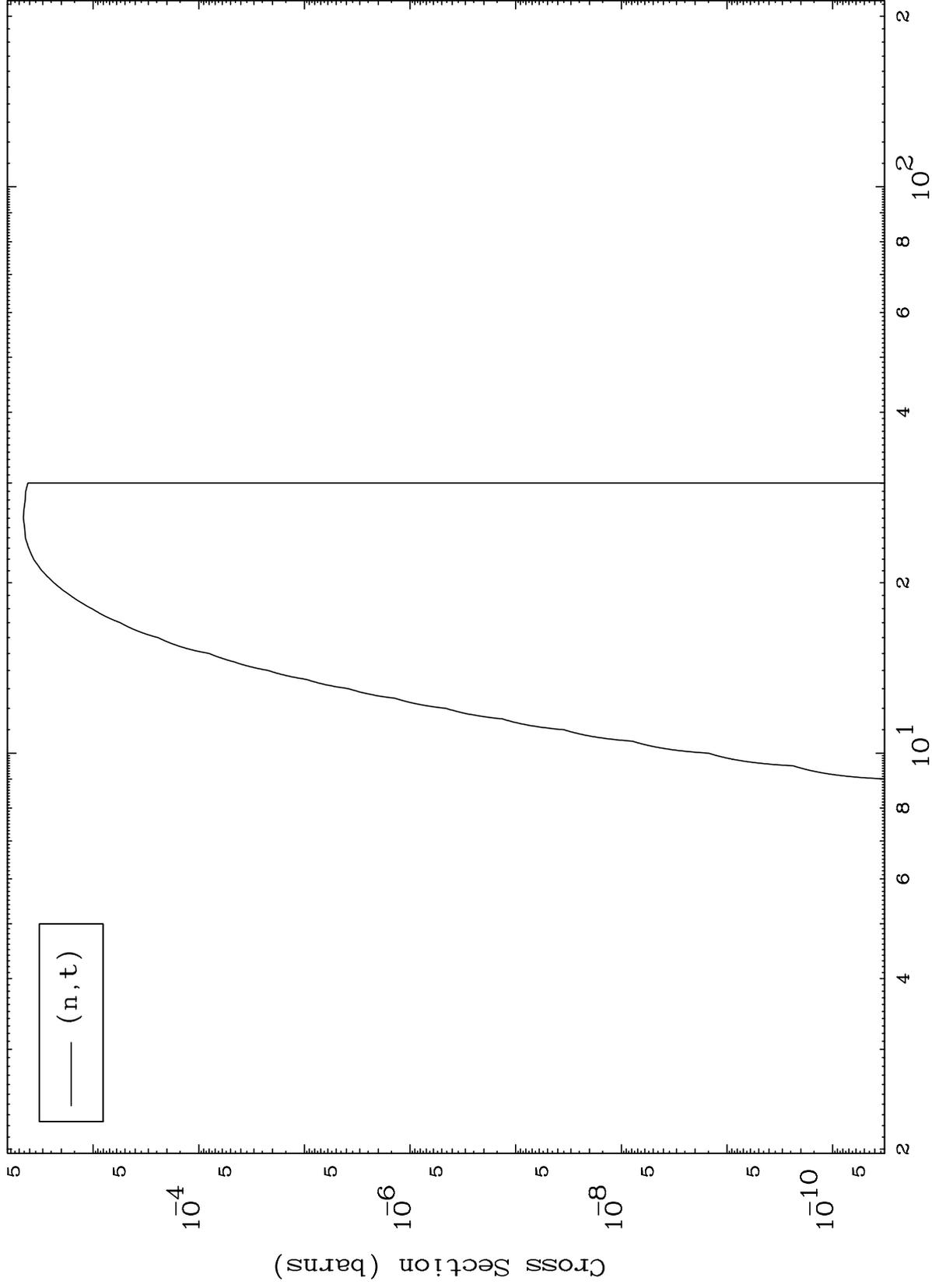
Incident Energy (MeV)

100-Fm-255

MAT 9936

(n,t) Levels  
293 Kelvin Cross Sections

100-Fm-255



13

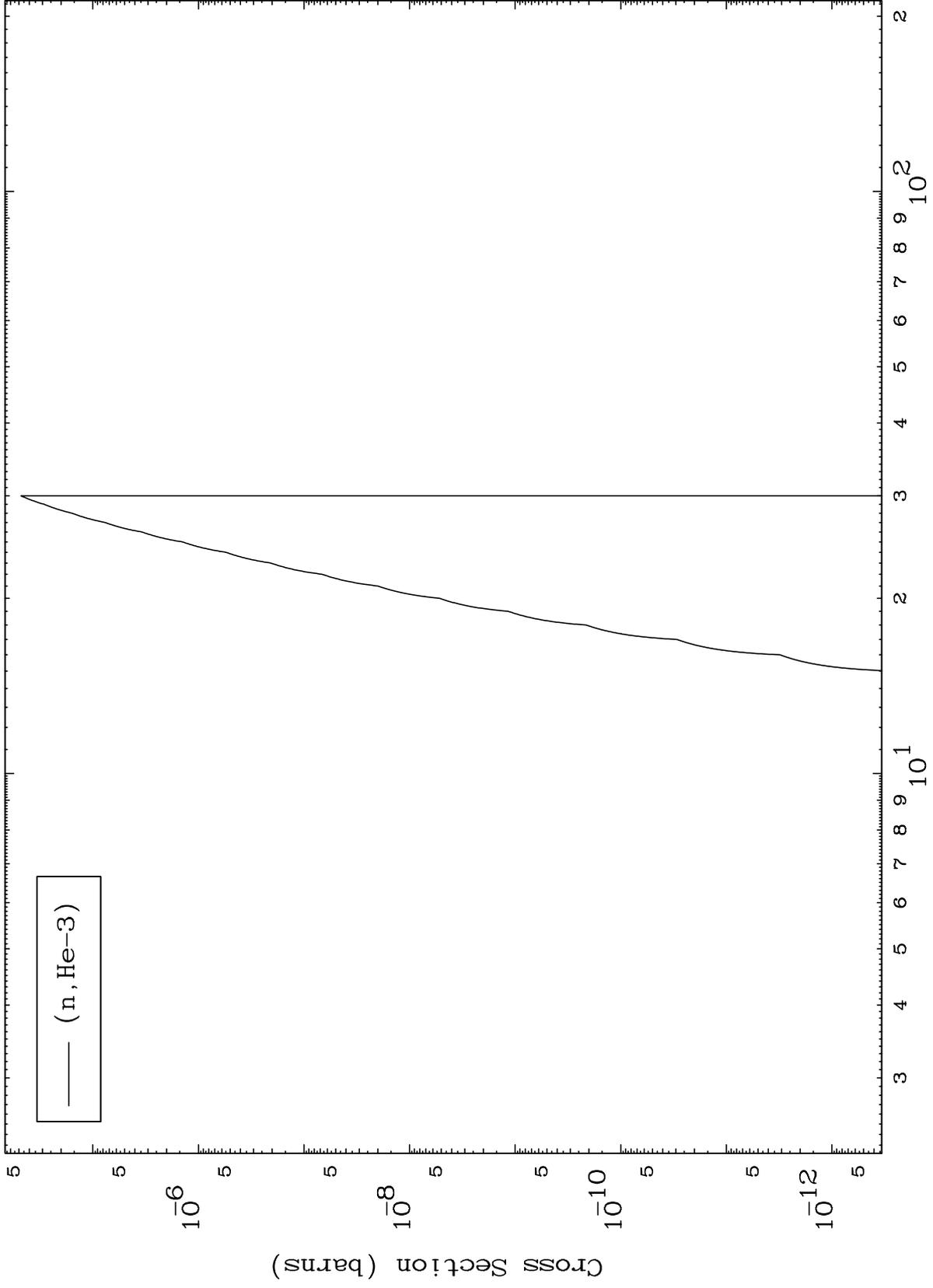
Incident Energy (MeV)

100-Fm-255

MAT 9936

(n,He3) Levels  
293 Kelvin Cross Sections

100-Fm-255



14

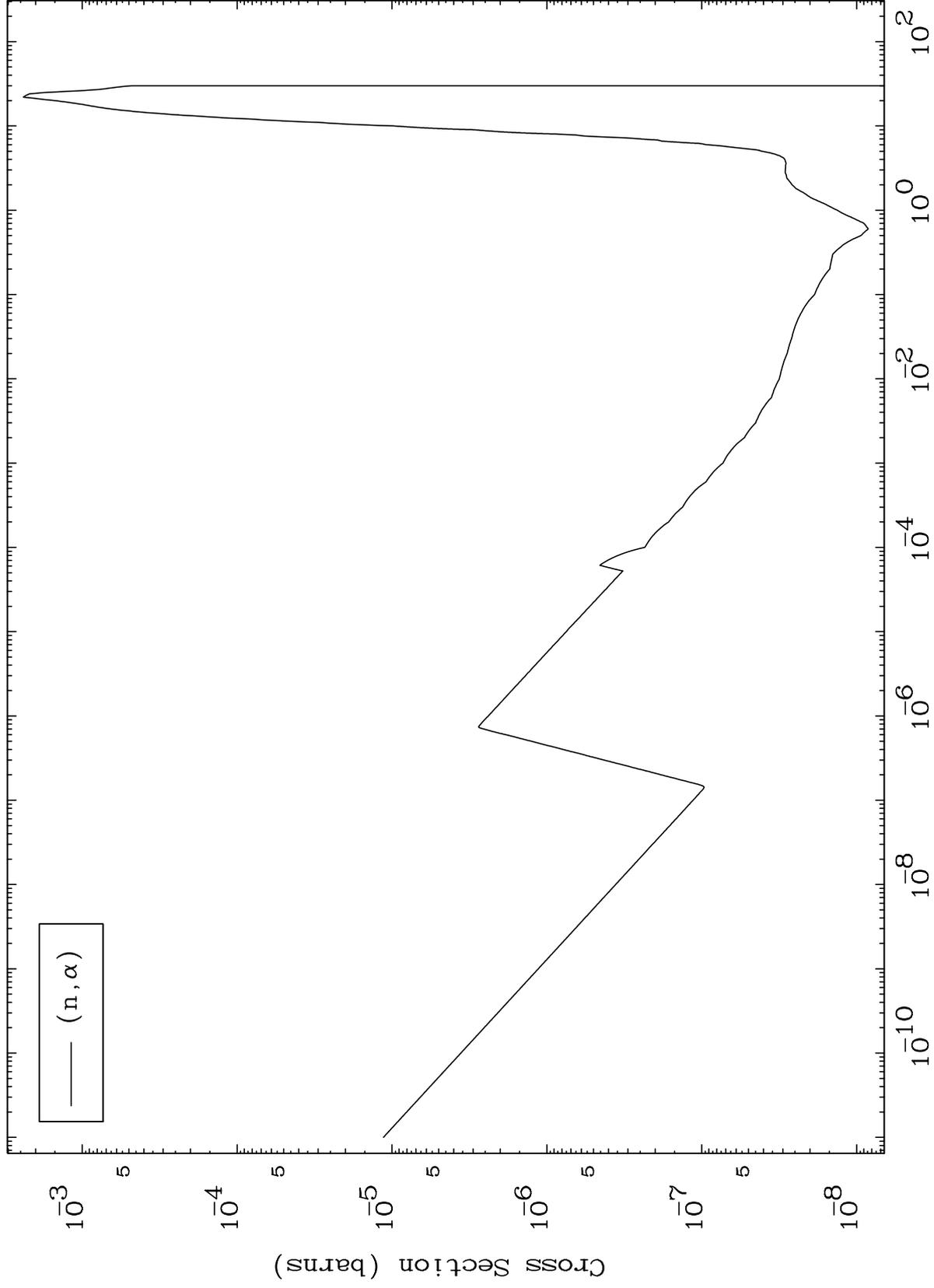
Incident Energy (MeV)

100-Fm-255

MAT 9936

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

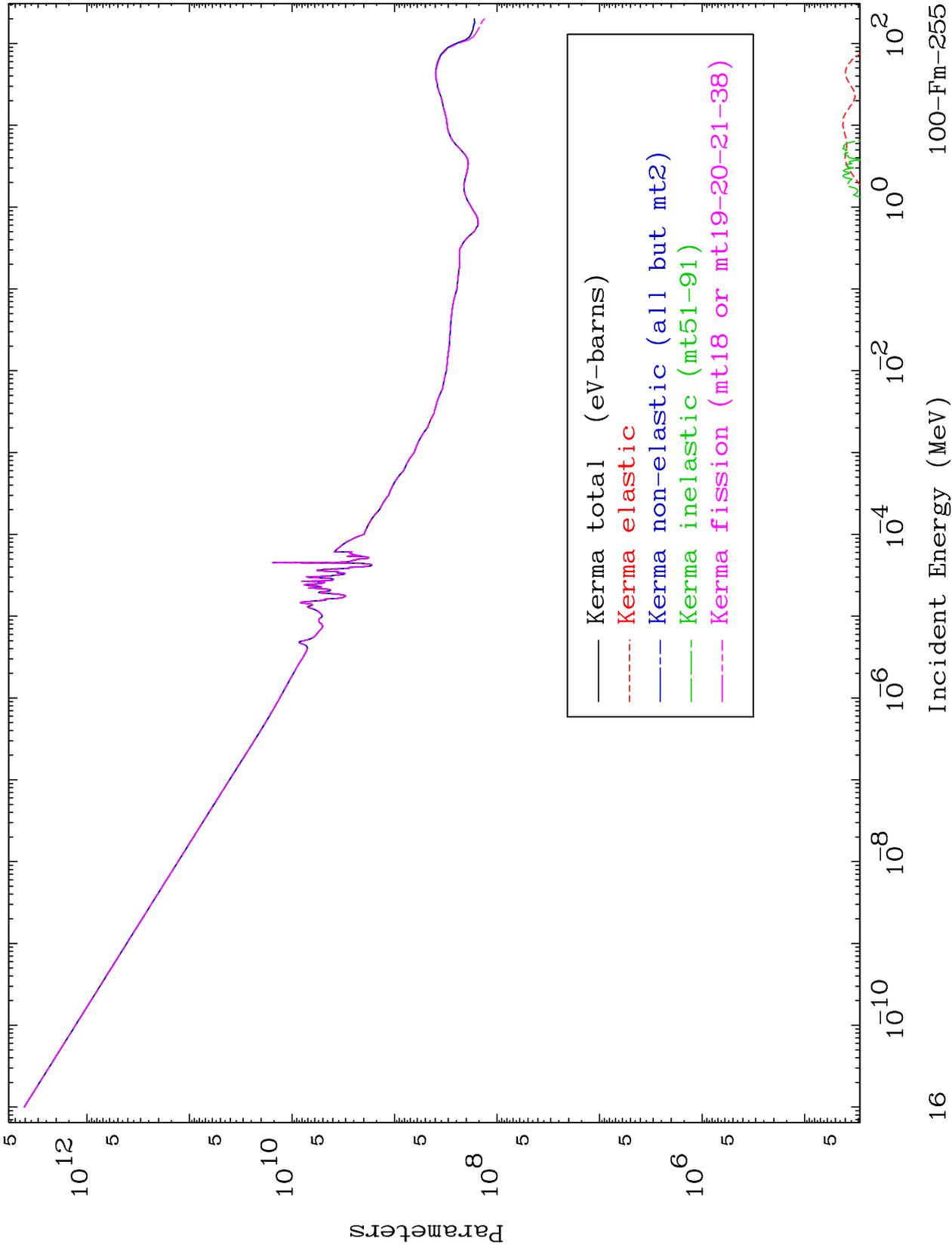
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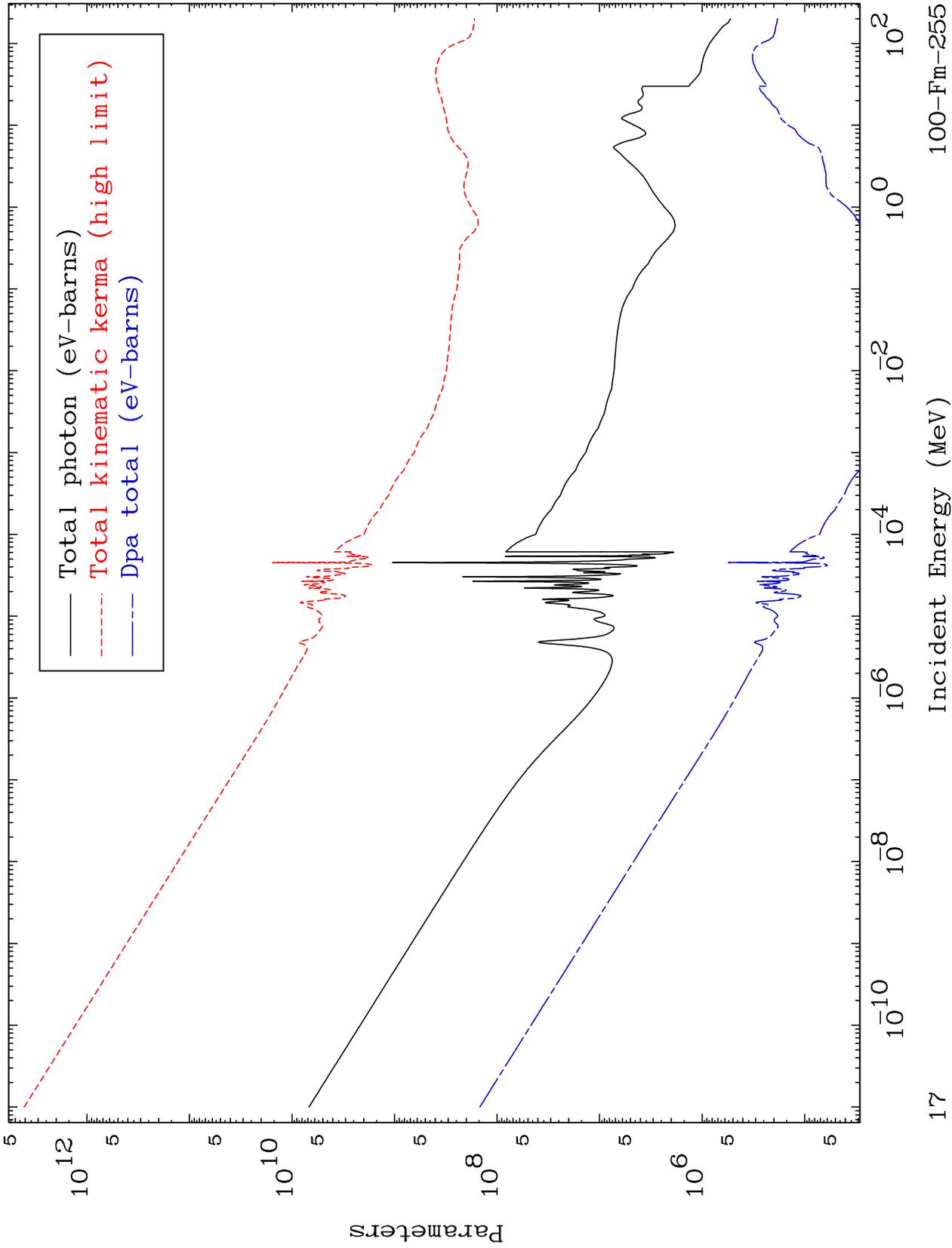


15

Incident Energy (MeV)

100-Fm-255

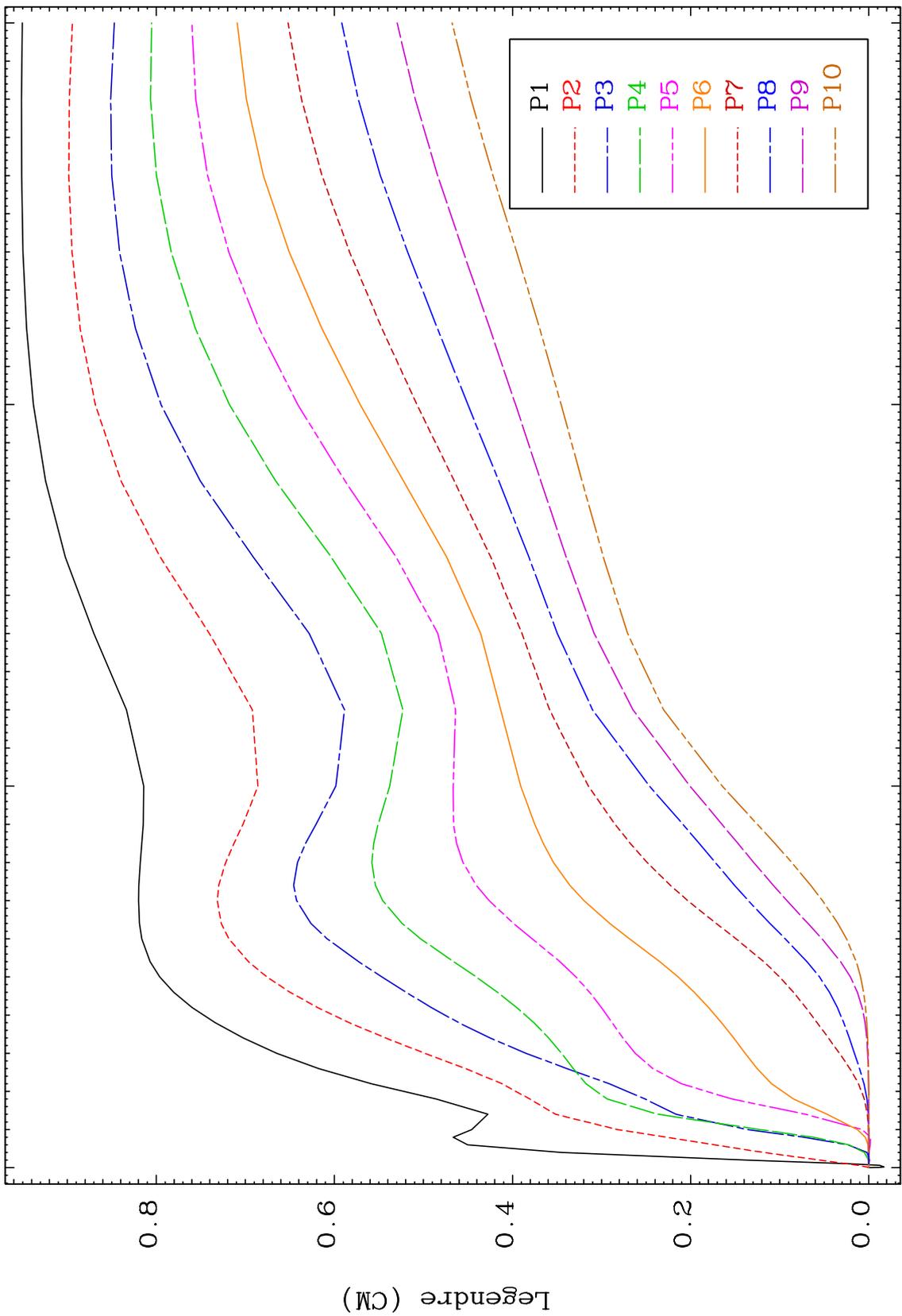




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Elastic Legendre Coefficients

100-Fm-255



18

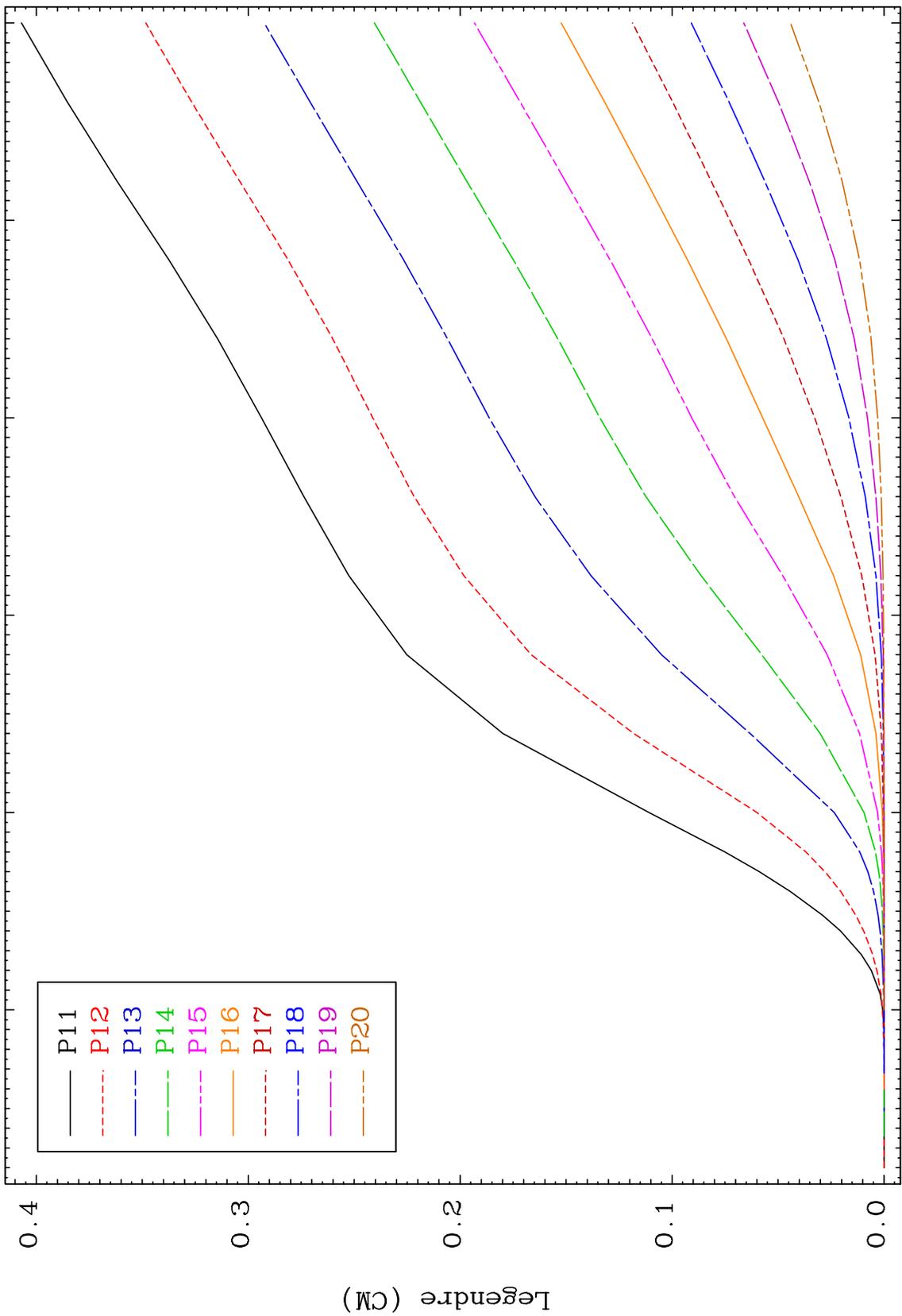
Incident Energy (MeV)

100-Fm-255

MAT 9936

Elastic Legendre Coefficients

100-Fm-255



19

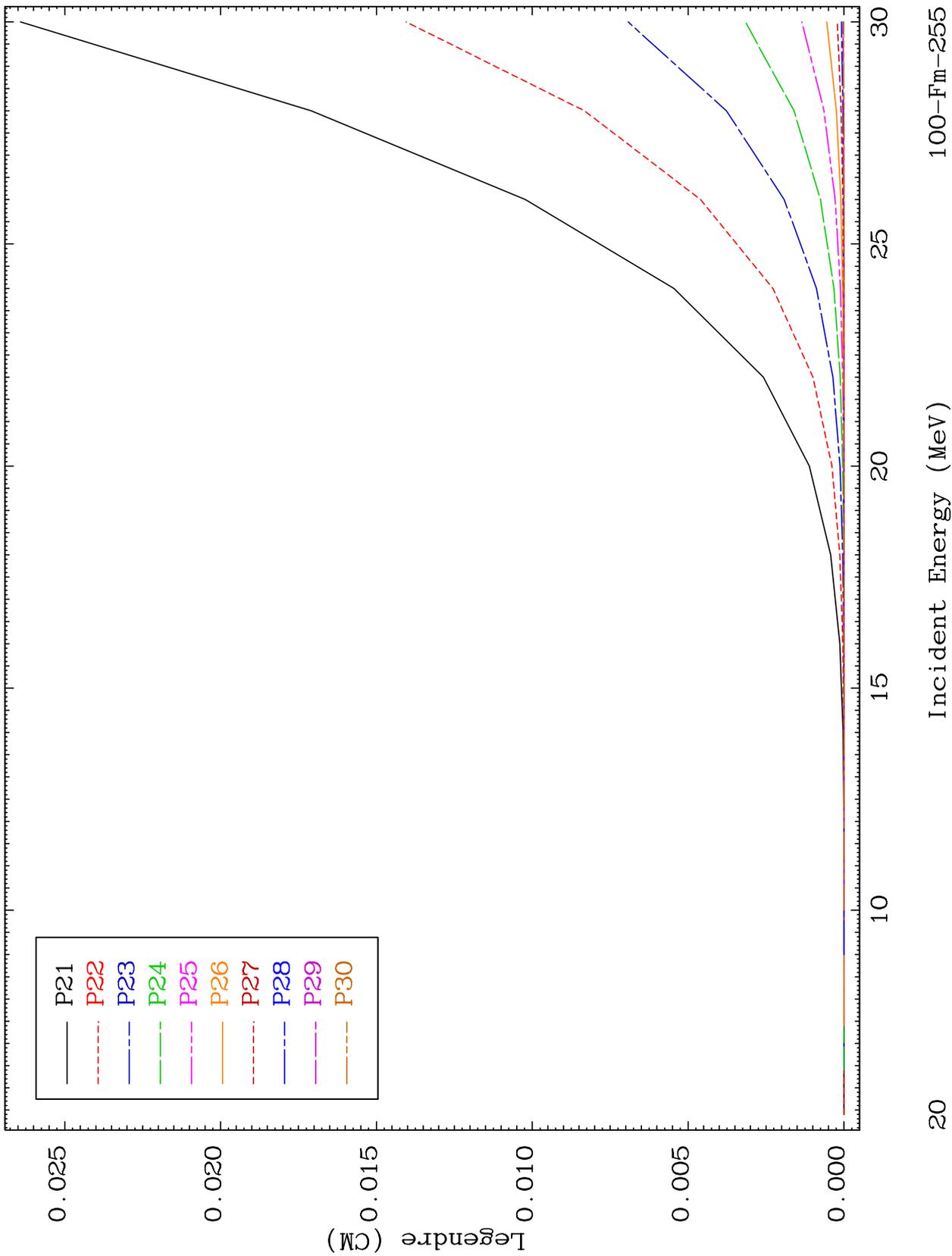
Incident Energy (MeV)

100-Fm-255

MAT 9936

### Elastic Legendre Coefficients

100-Fm-255



20

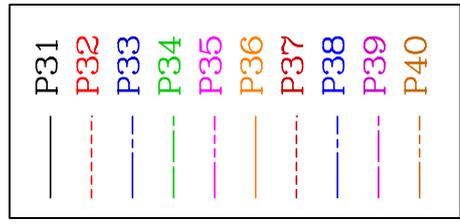
Incident Energy (MeV)

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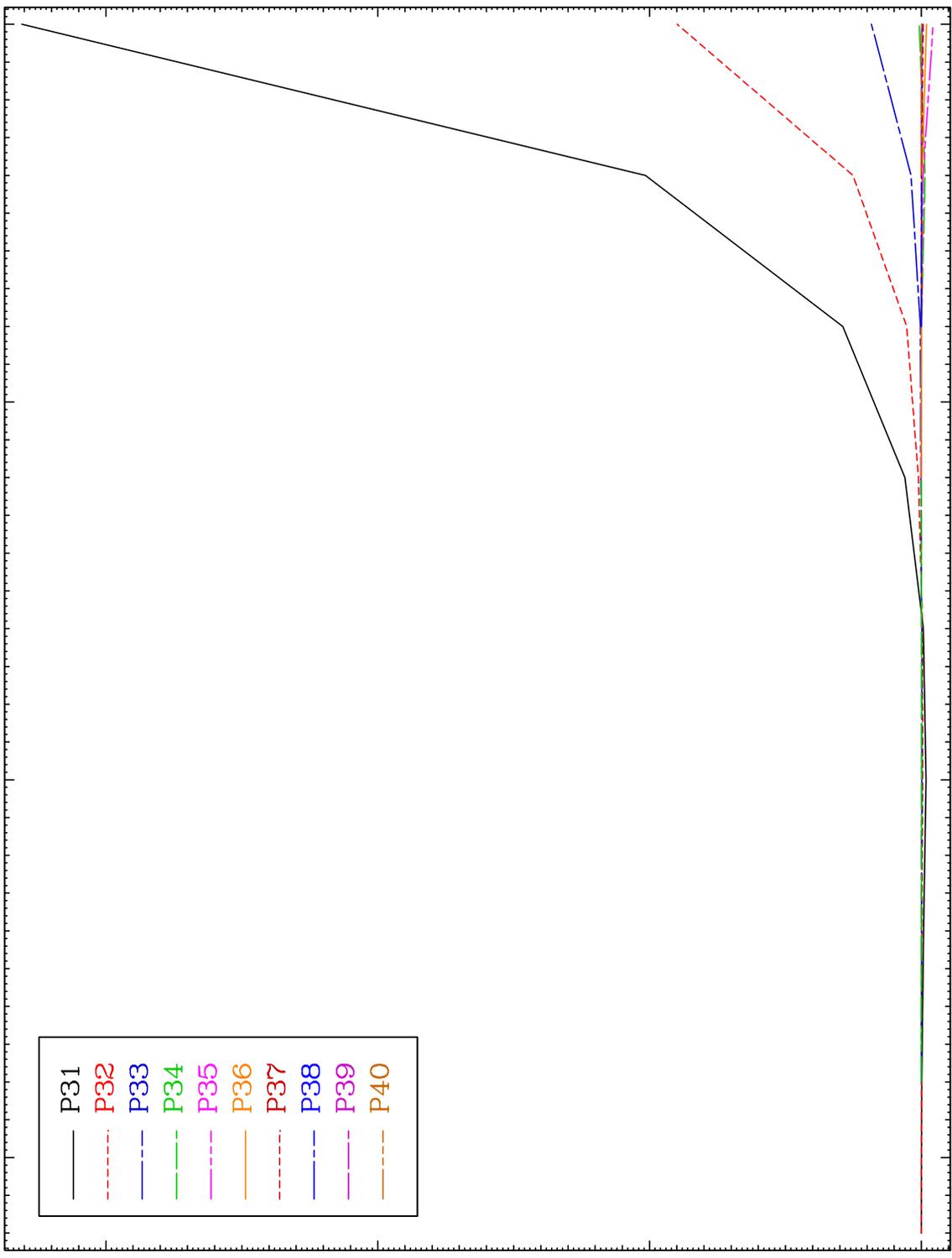
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Elastic Legendre Coefficients

100-Fm-255



Legendre (CM)  
 $\times 10^{-6}$



21

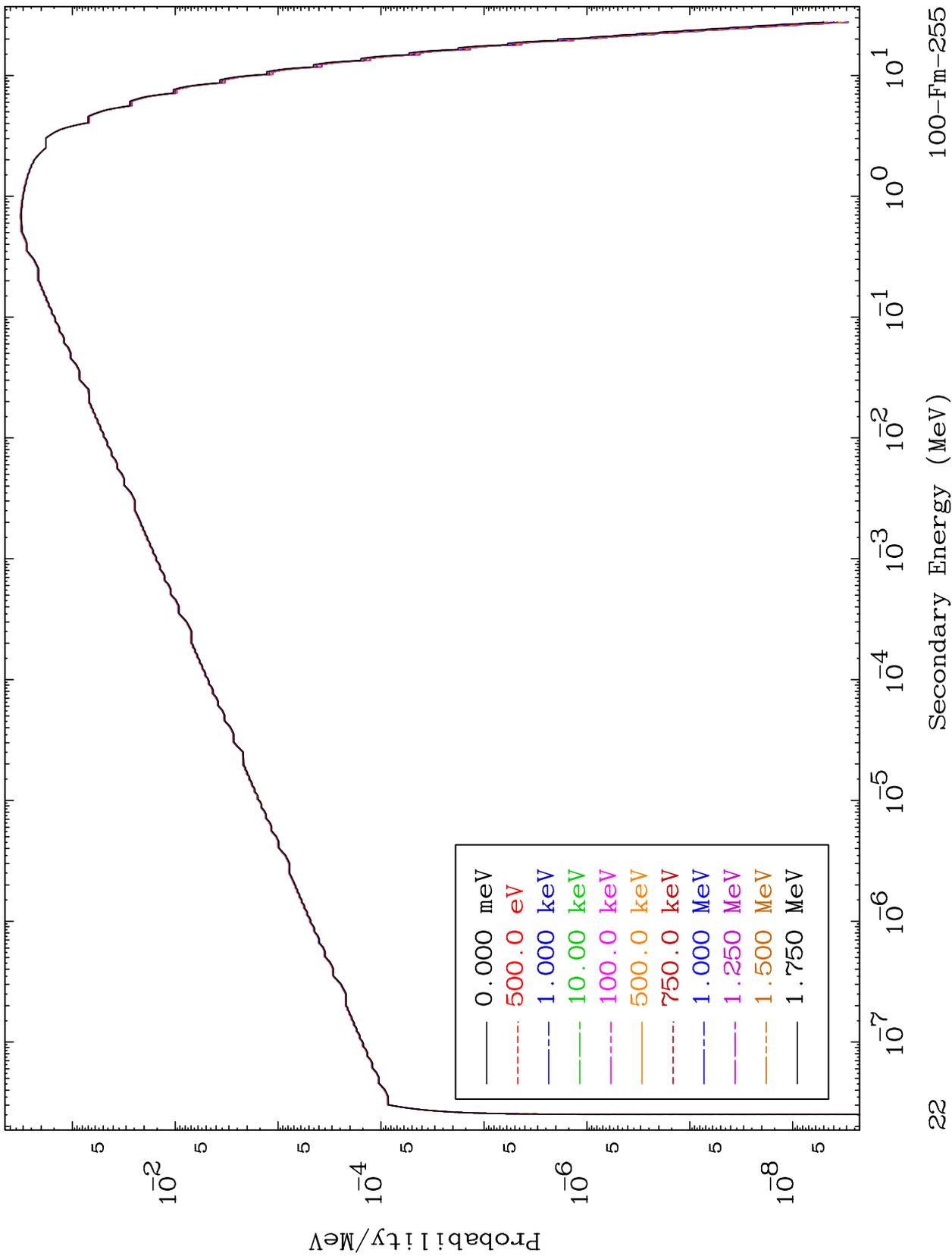
Incident Energy (MeV)

100-Fm-255

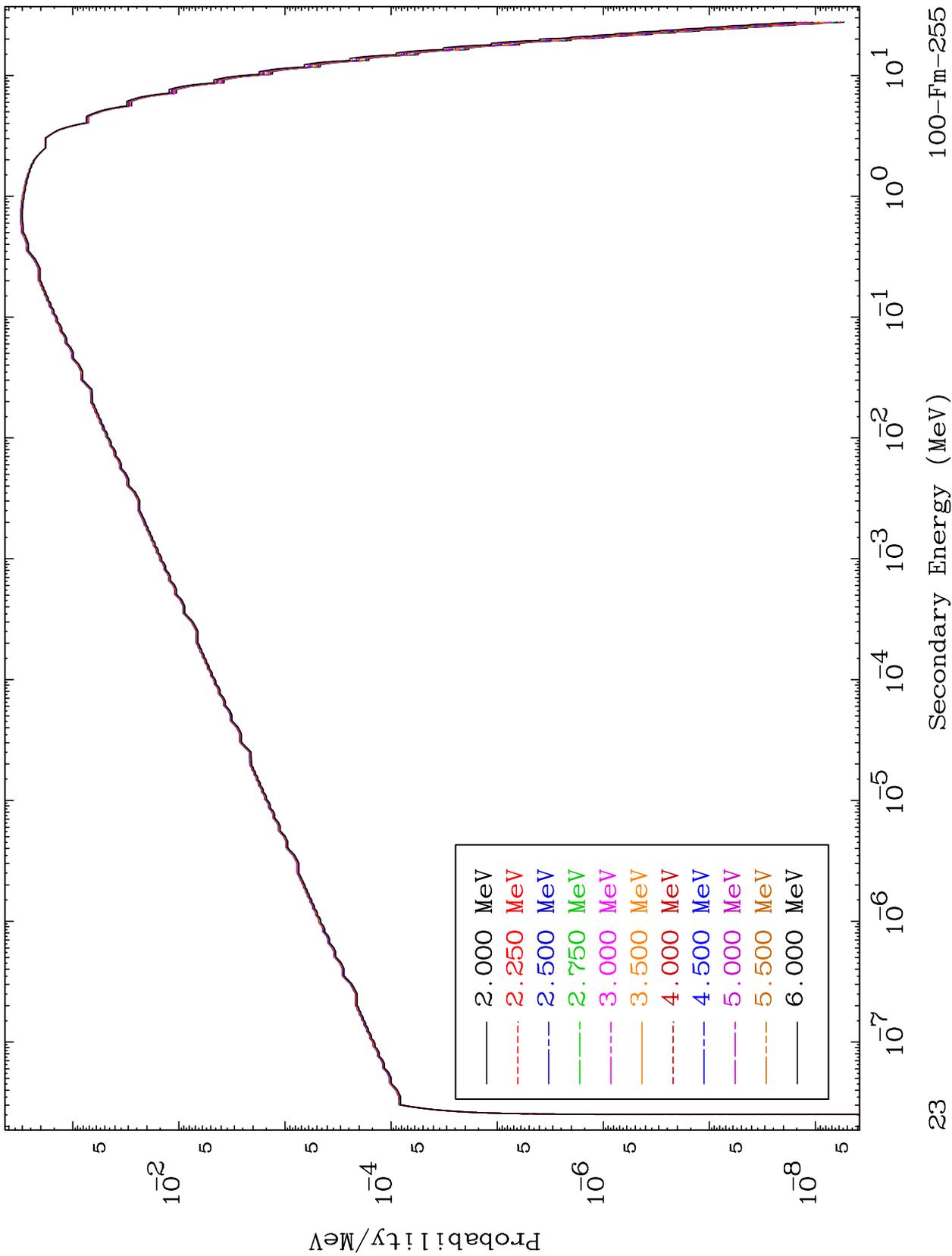
MAT 9936

### Fission Energy Distribution

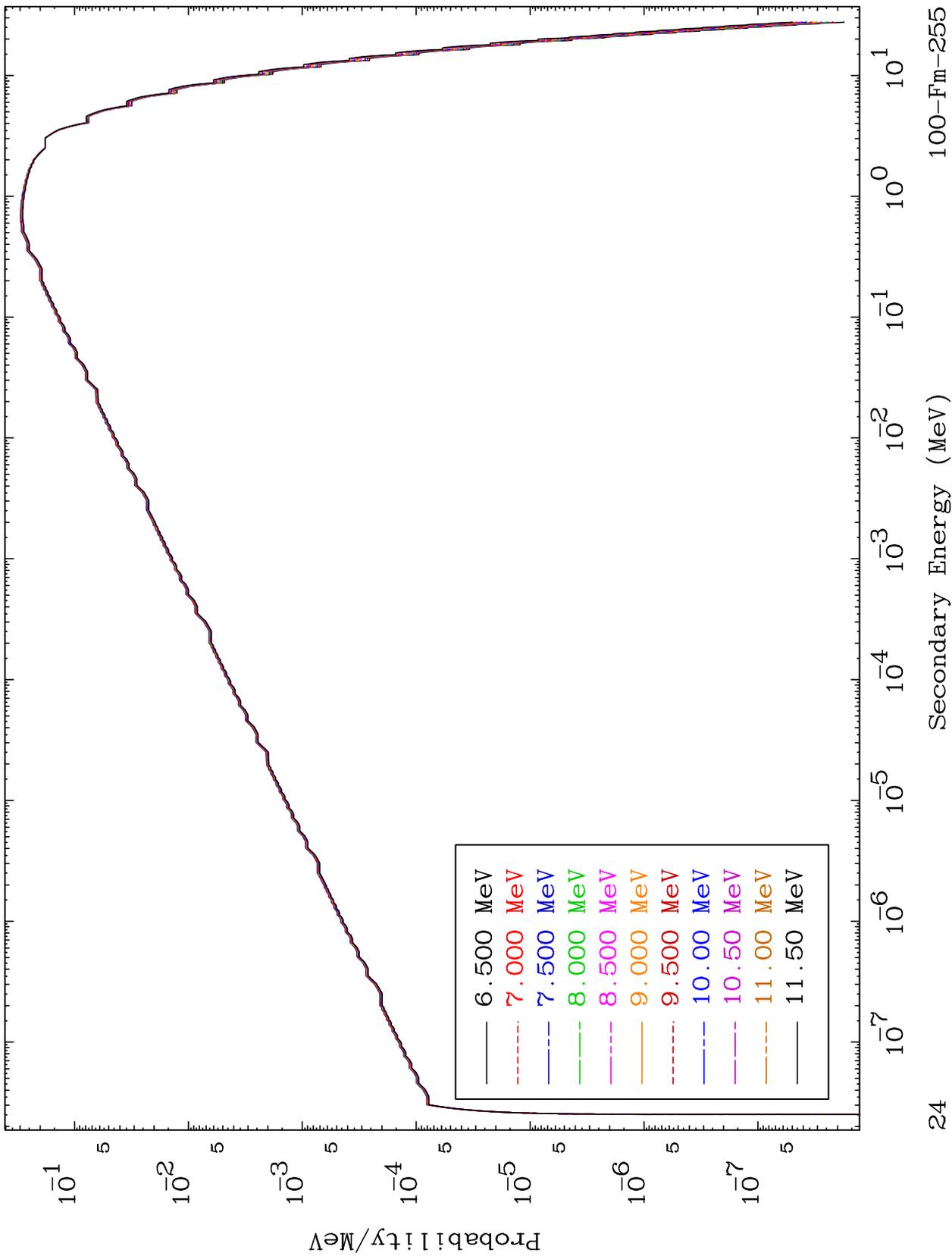
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Fission Energy Distribution



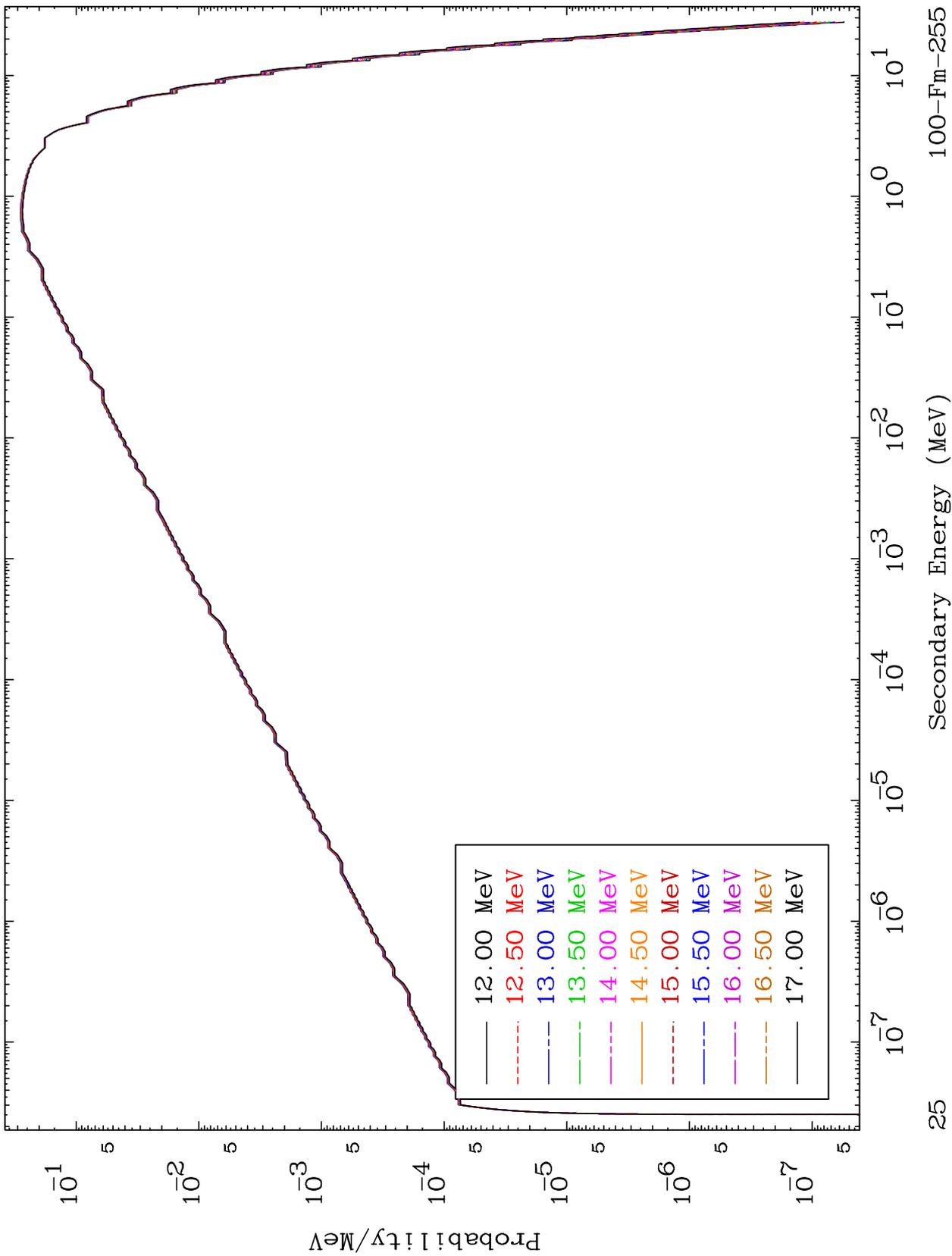
Fission  
Energy Distribution



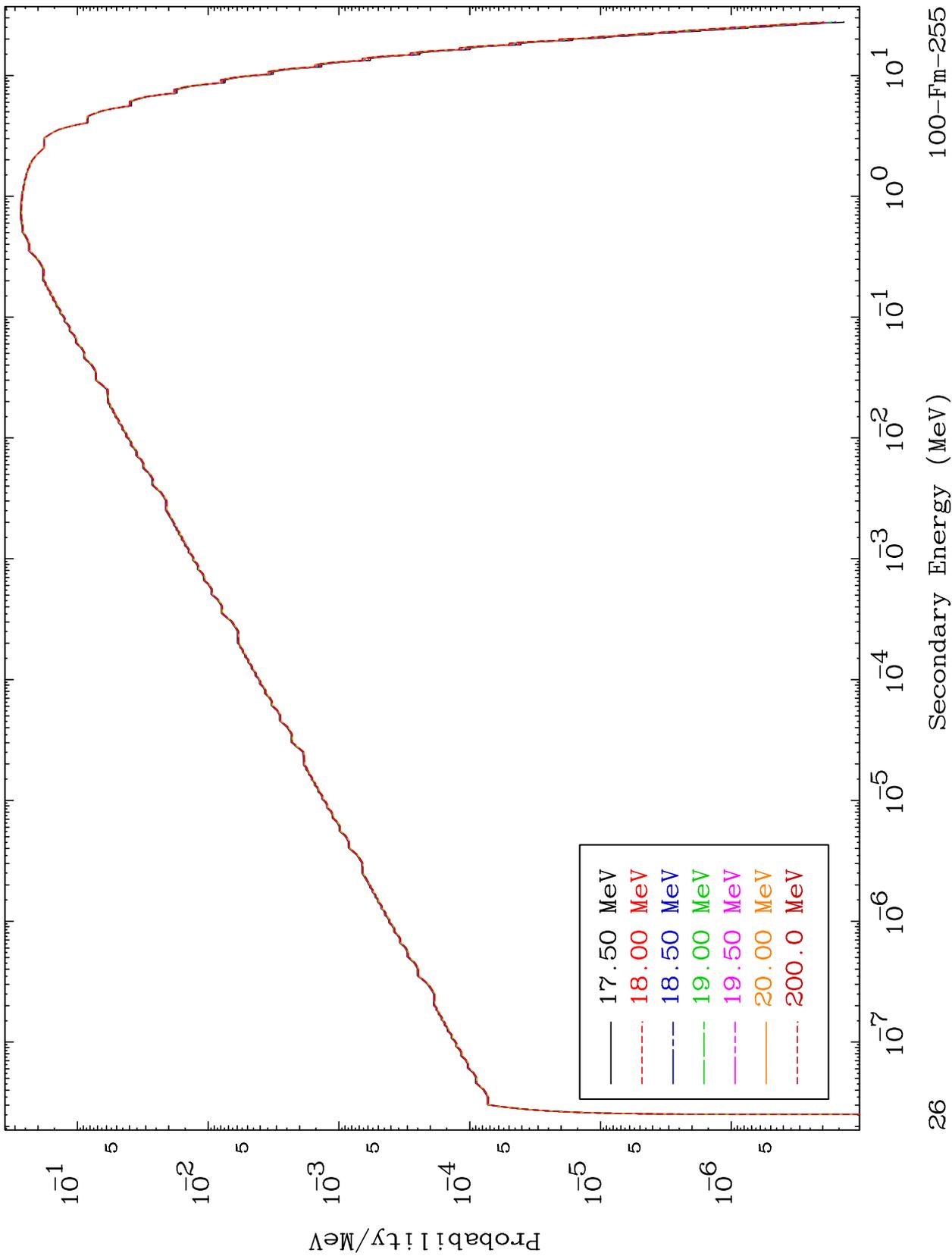
MAT 9936

### Fission Energy Distribution

100-Fm-255



Fission  
Energy Distribution

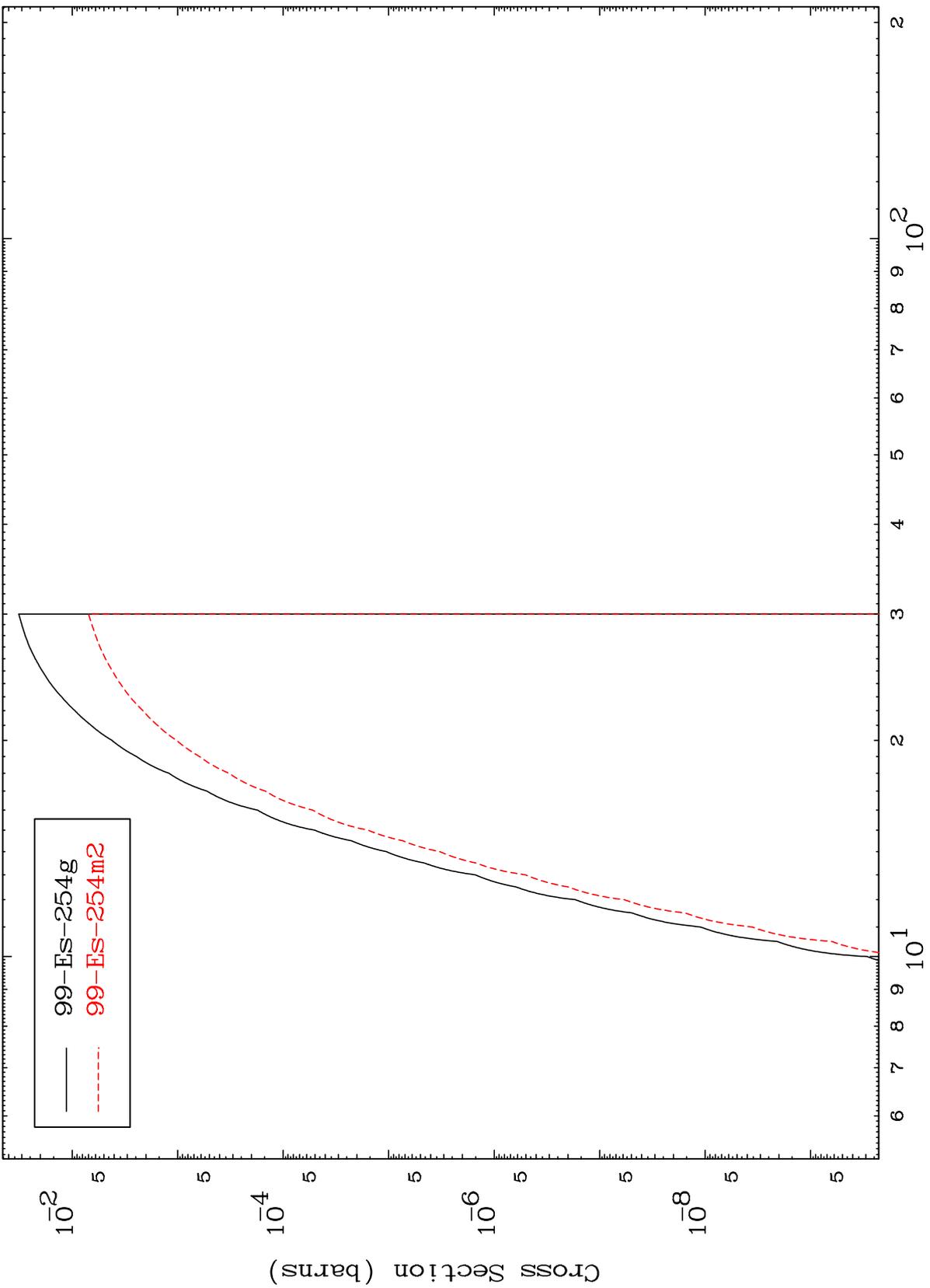


MAT 9936

(n,n') p

100-Fm-255

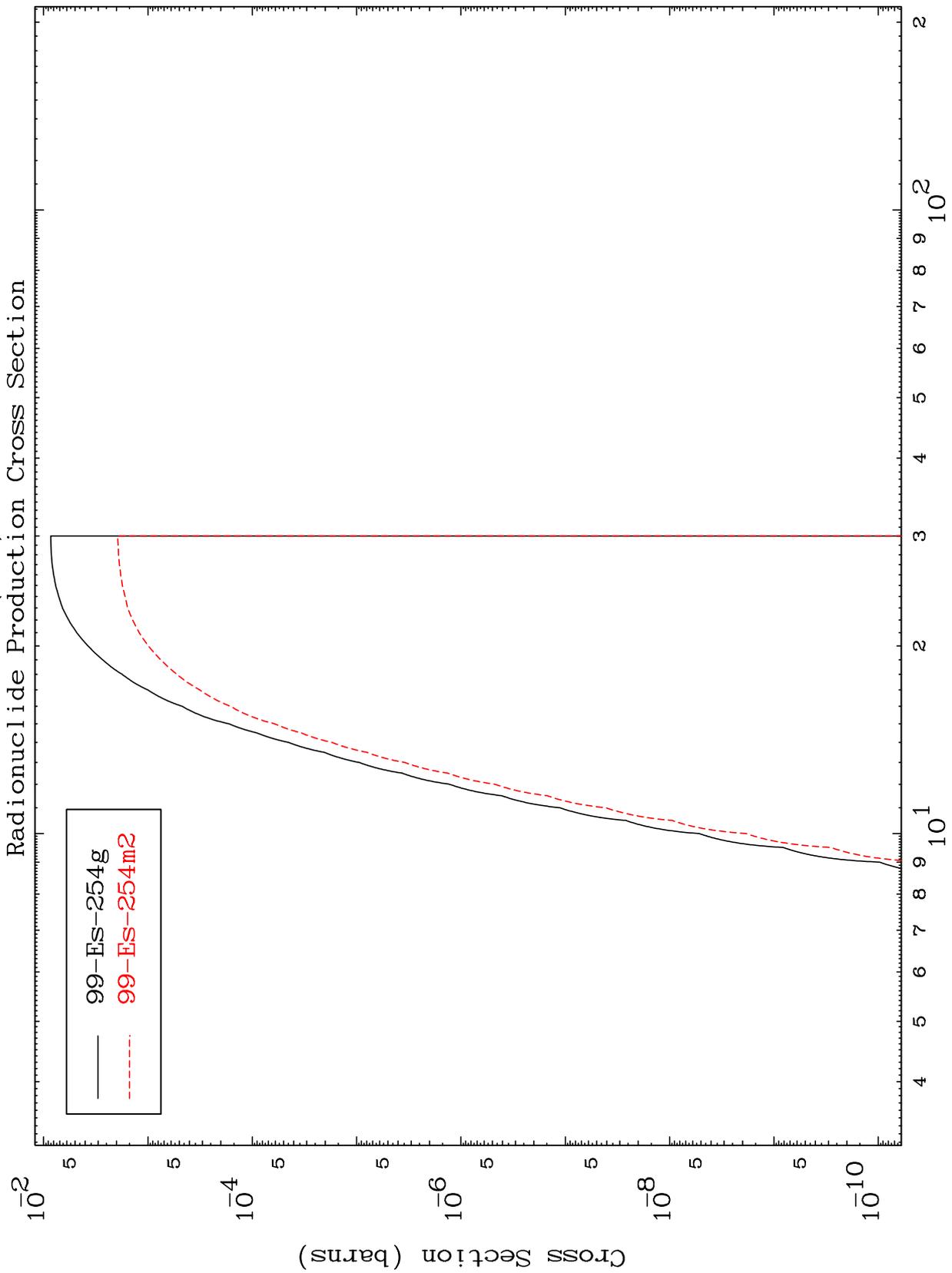
Radionuclide Production Cross Section



MAT 9936

(n, d)

100-Fm-255



99-Es-254g  
99-Es-254m2