

Program EVALPLOT
(Version 2021-1)

by

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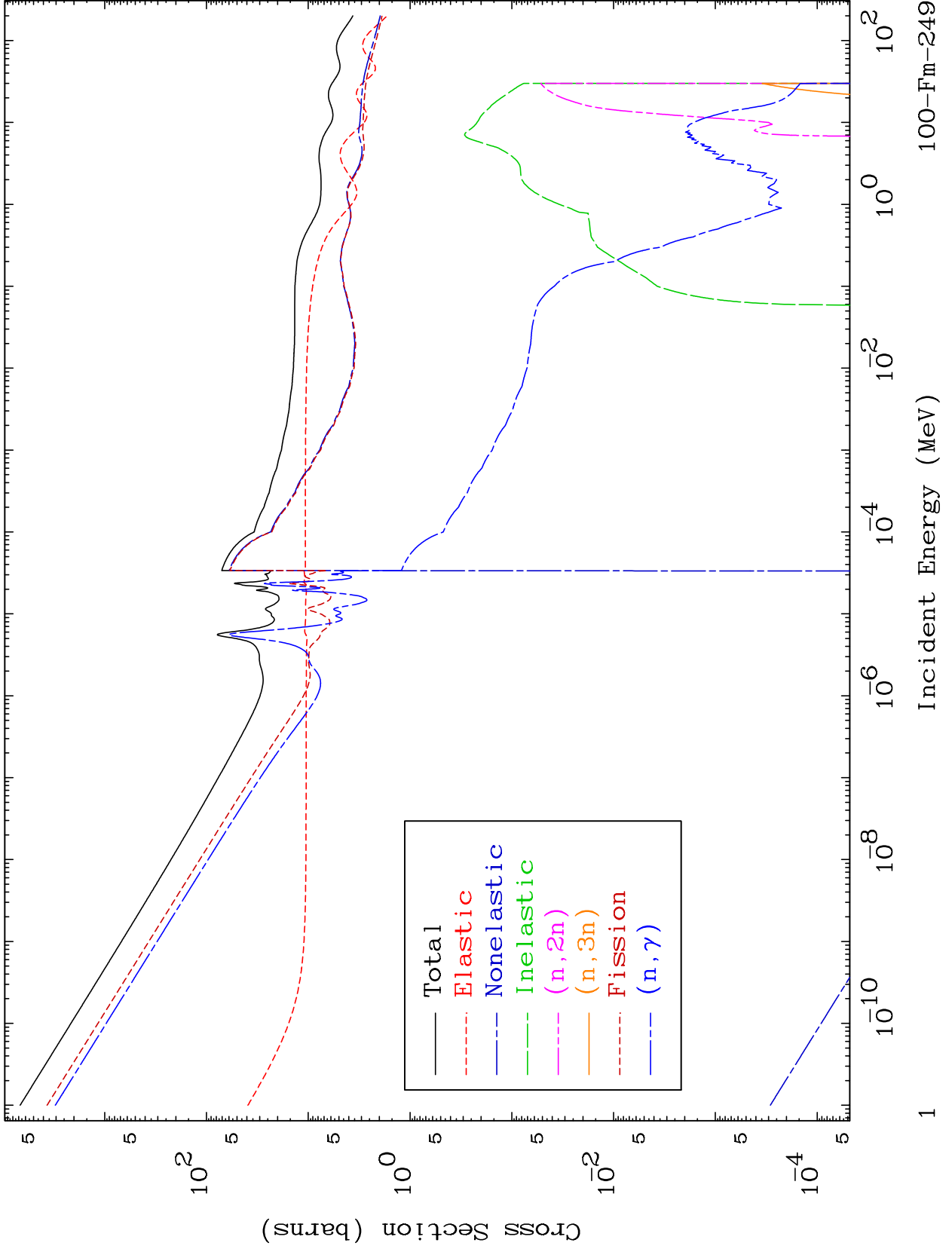
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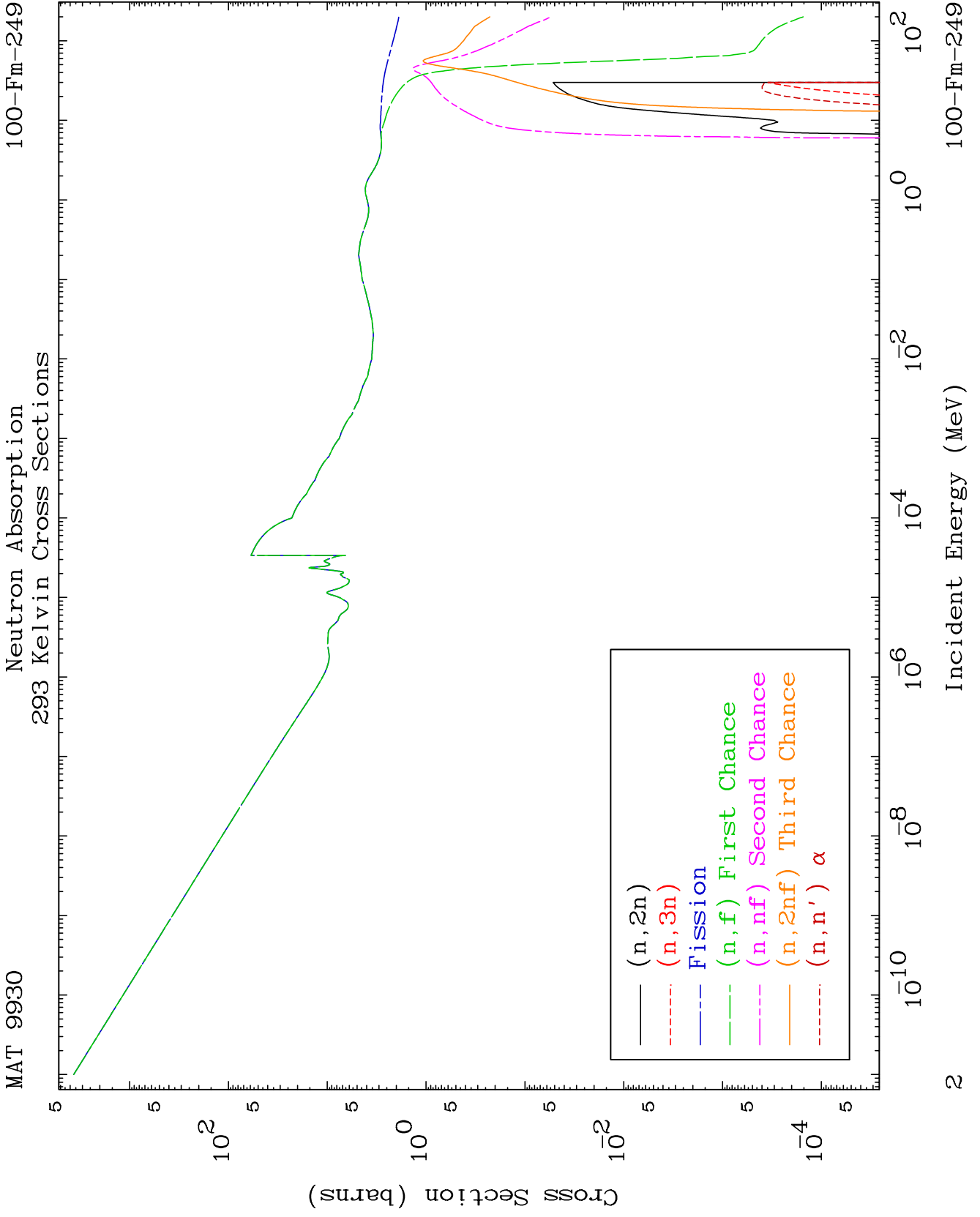
Press Mouse Button to Start

MAT 9930

Neutron Major
293 Kelvin Cross Sections

100-Fm-249

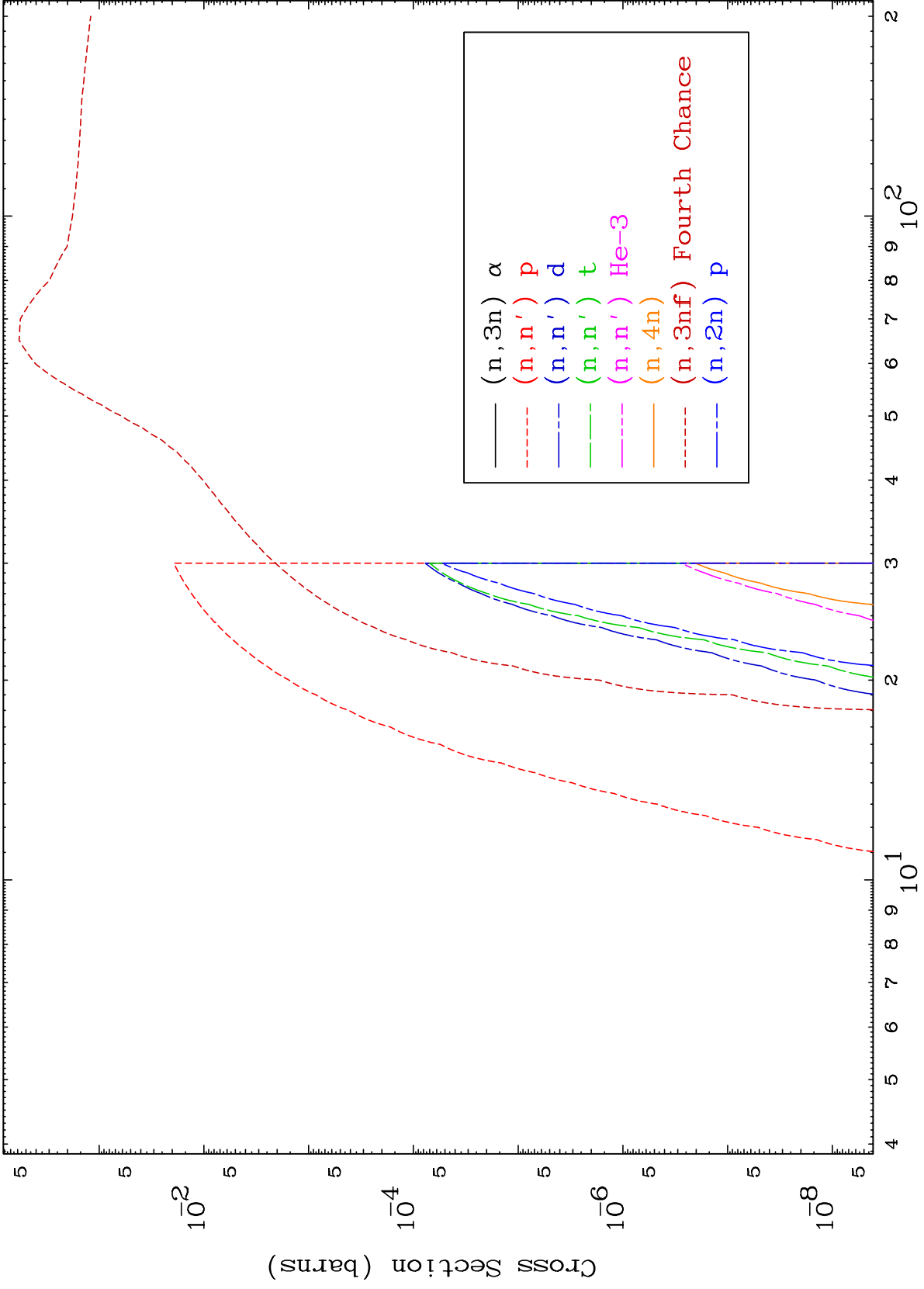




MAT 9930

Neutron Absorption
293 Kelvin Cross Sections

100-Fm-249



Incident Energy (MeV)

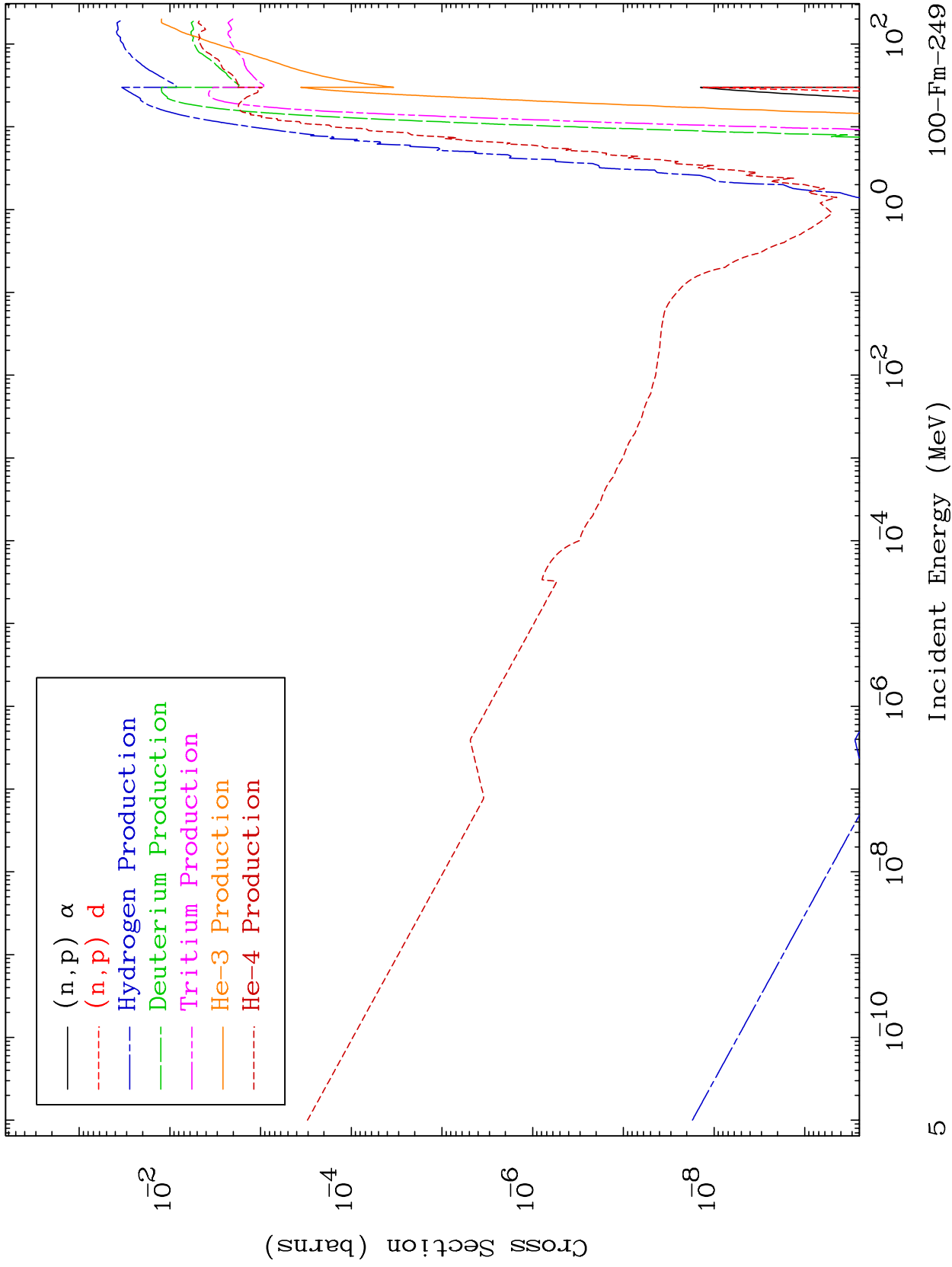
100-Fm-249

3

MAT 9930

Neutron Absorption
293 Kelvin Cross Sections

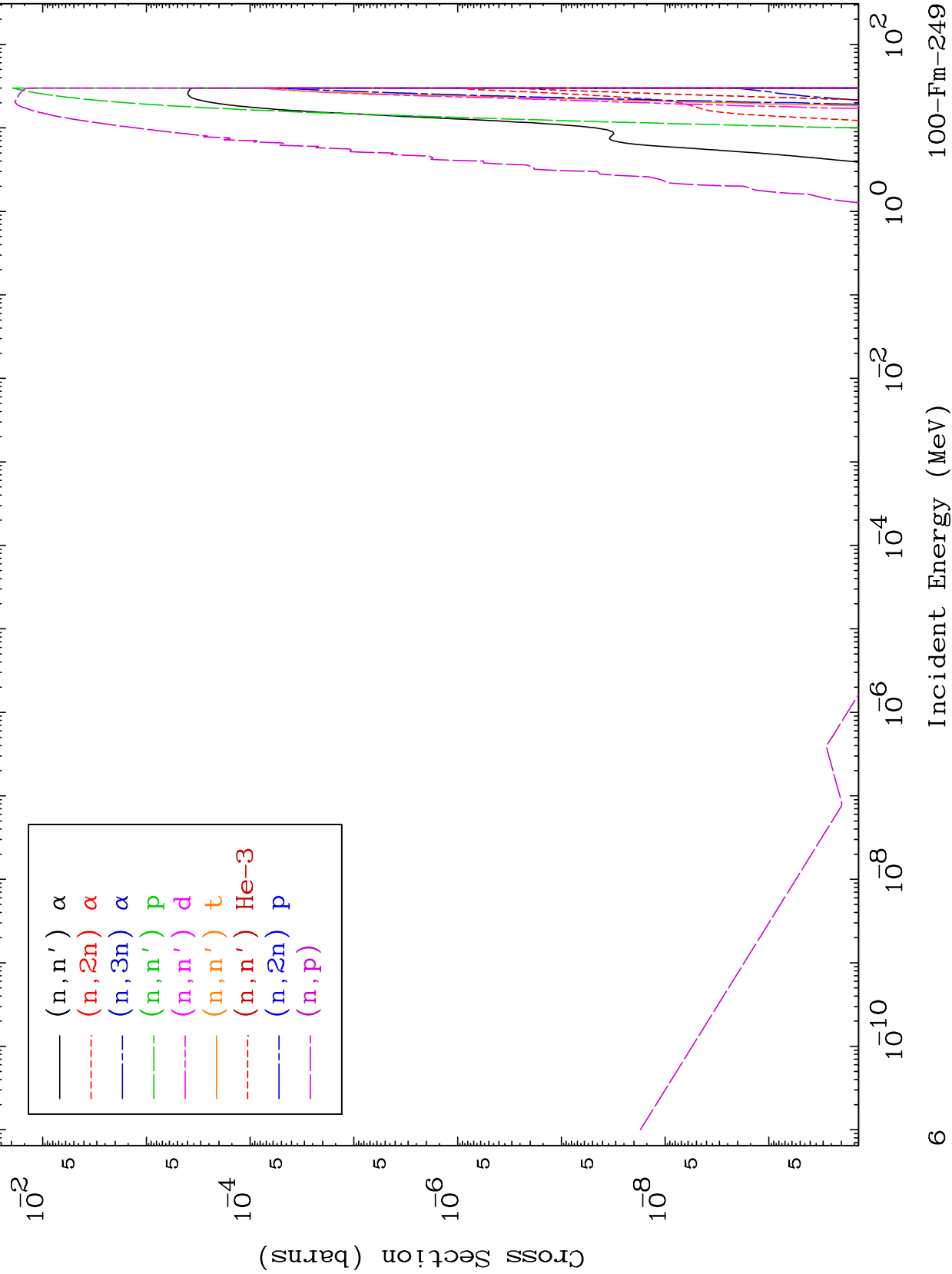
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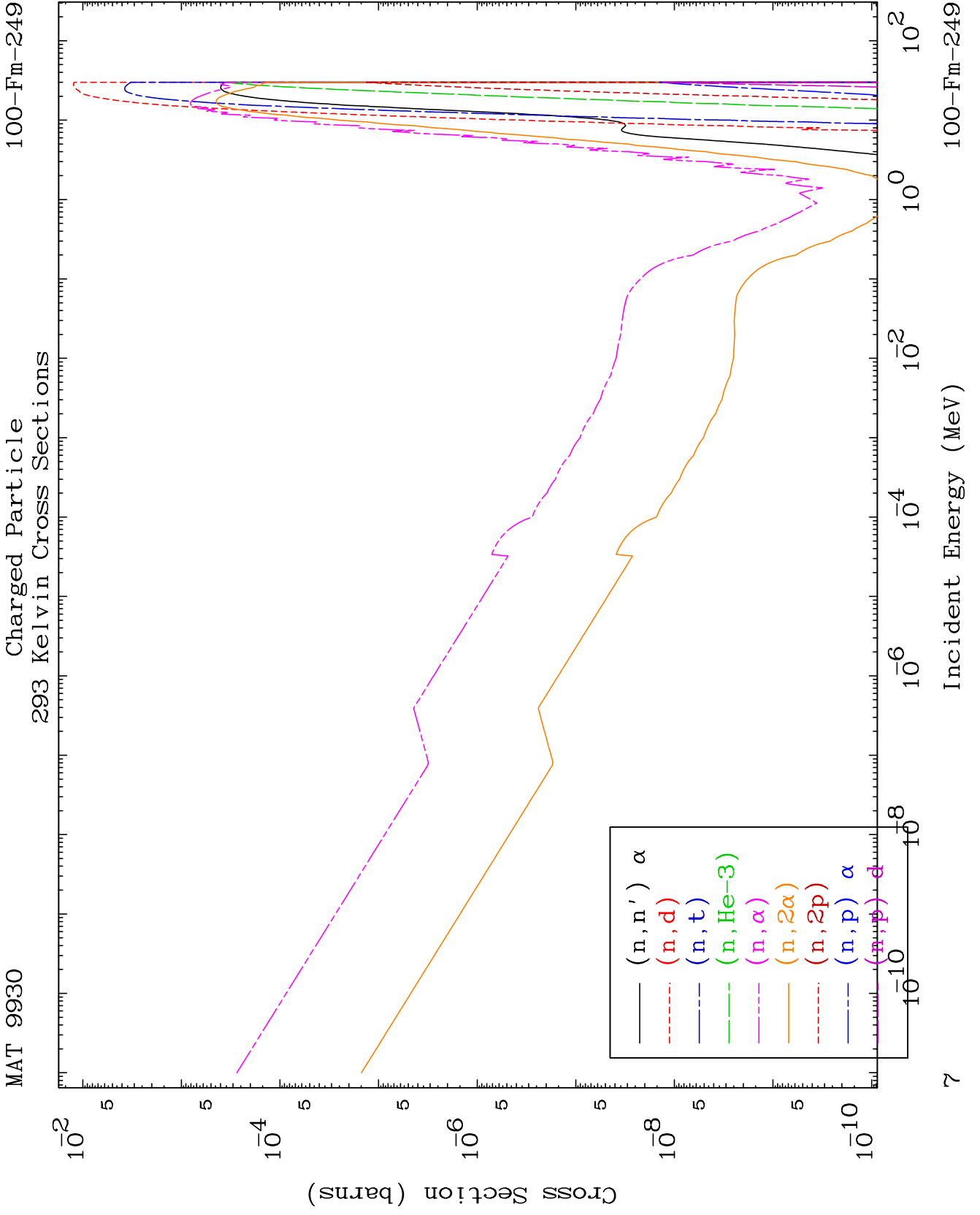


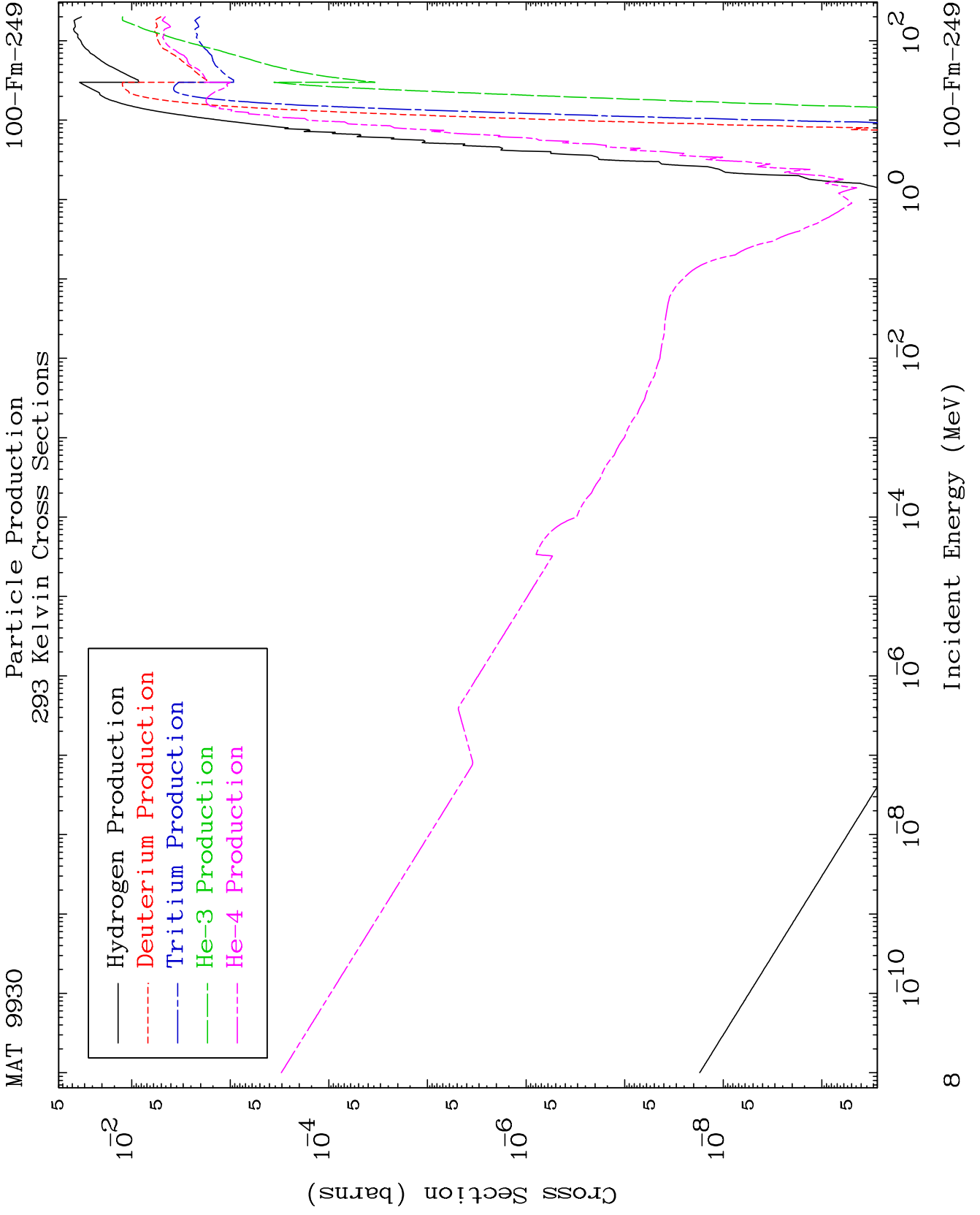
MAT 9930

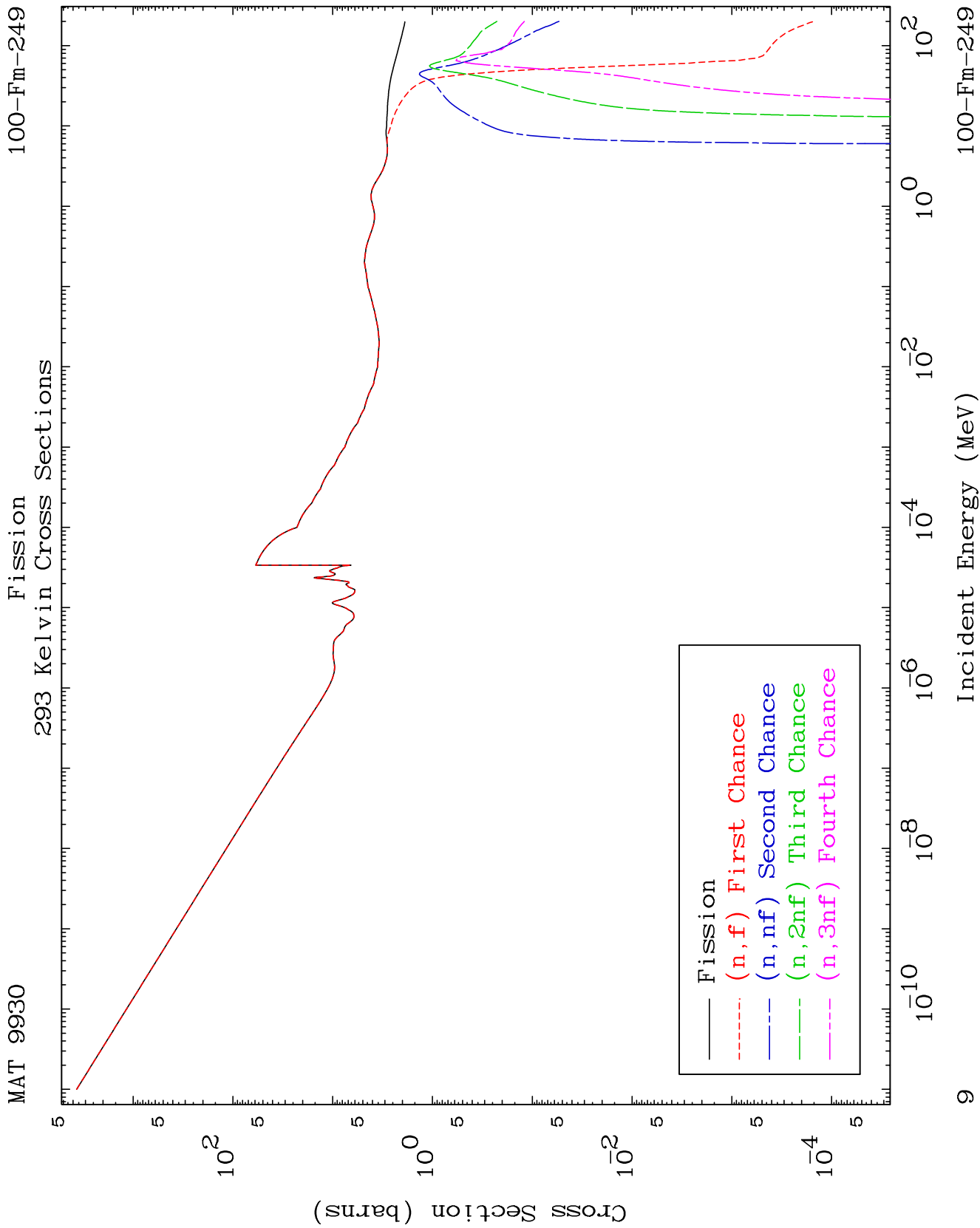
Charged Particle
293 Kelvin Cross Sections

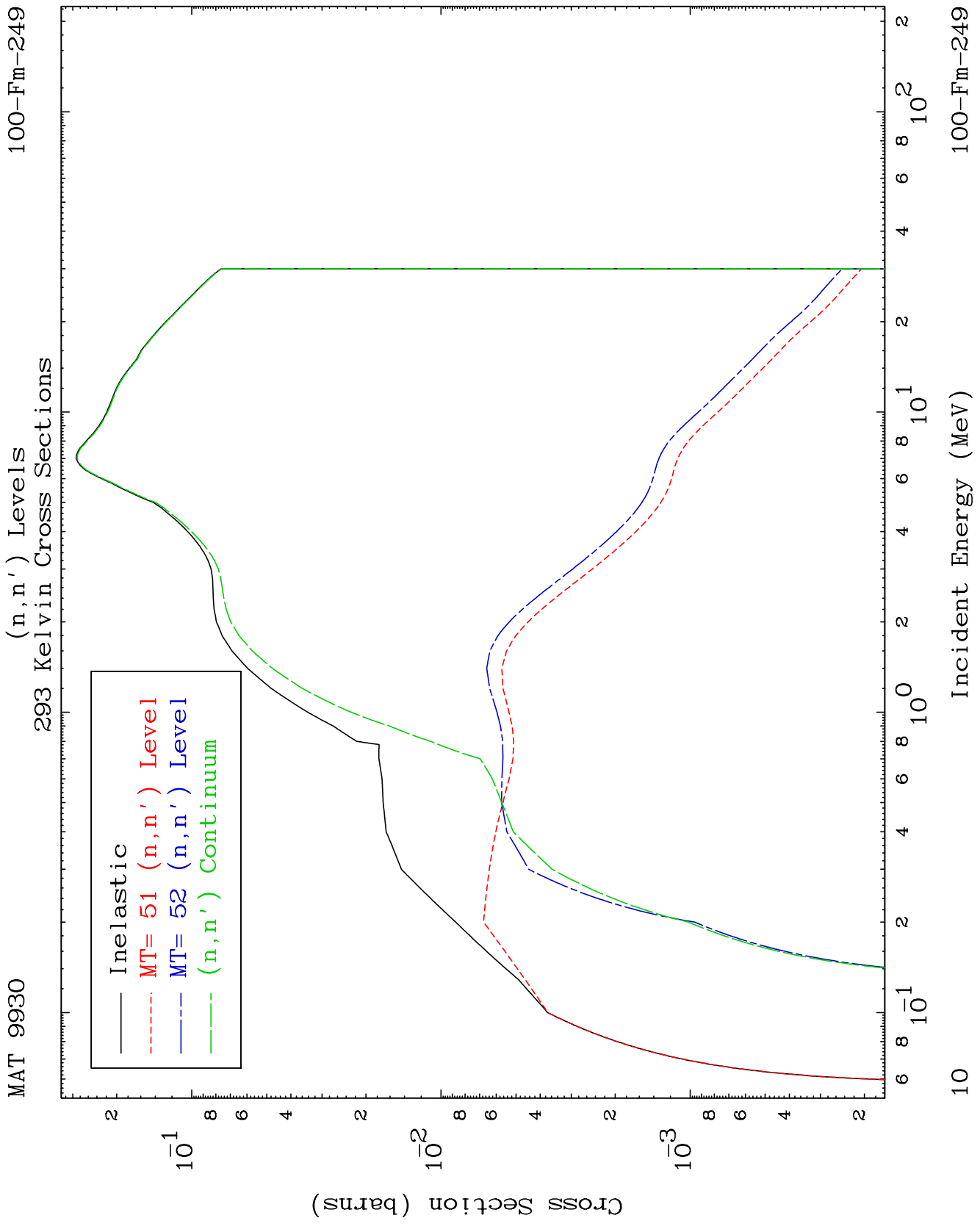
100-Fm-249







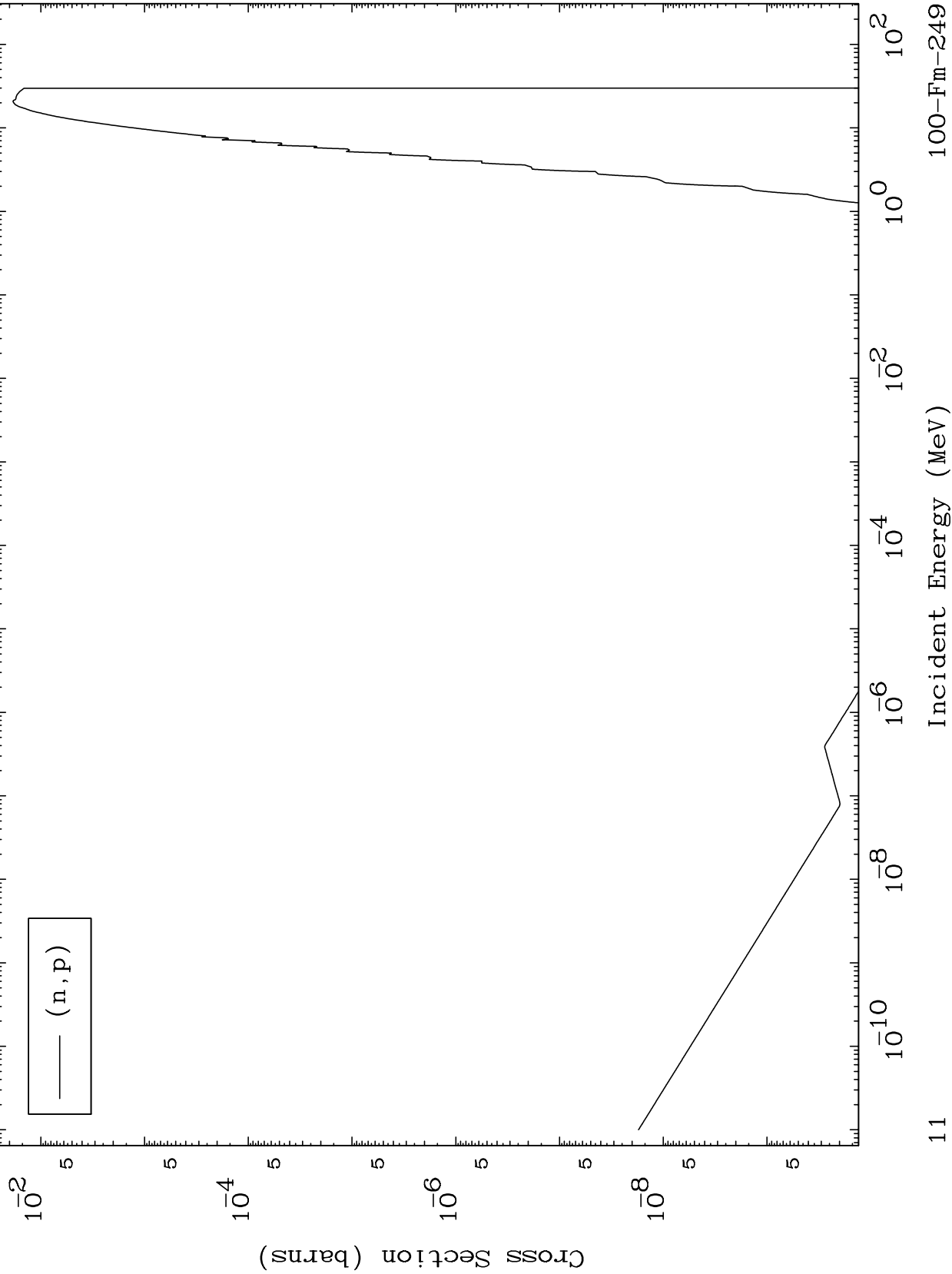




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(n,p) Levels
293 Kelvin Cross Sections

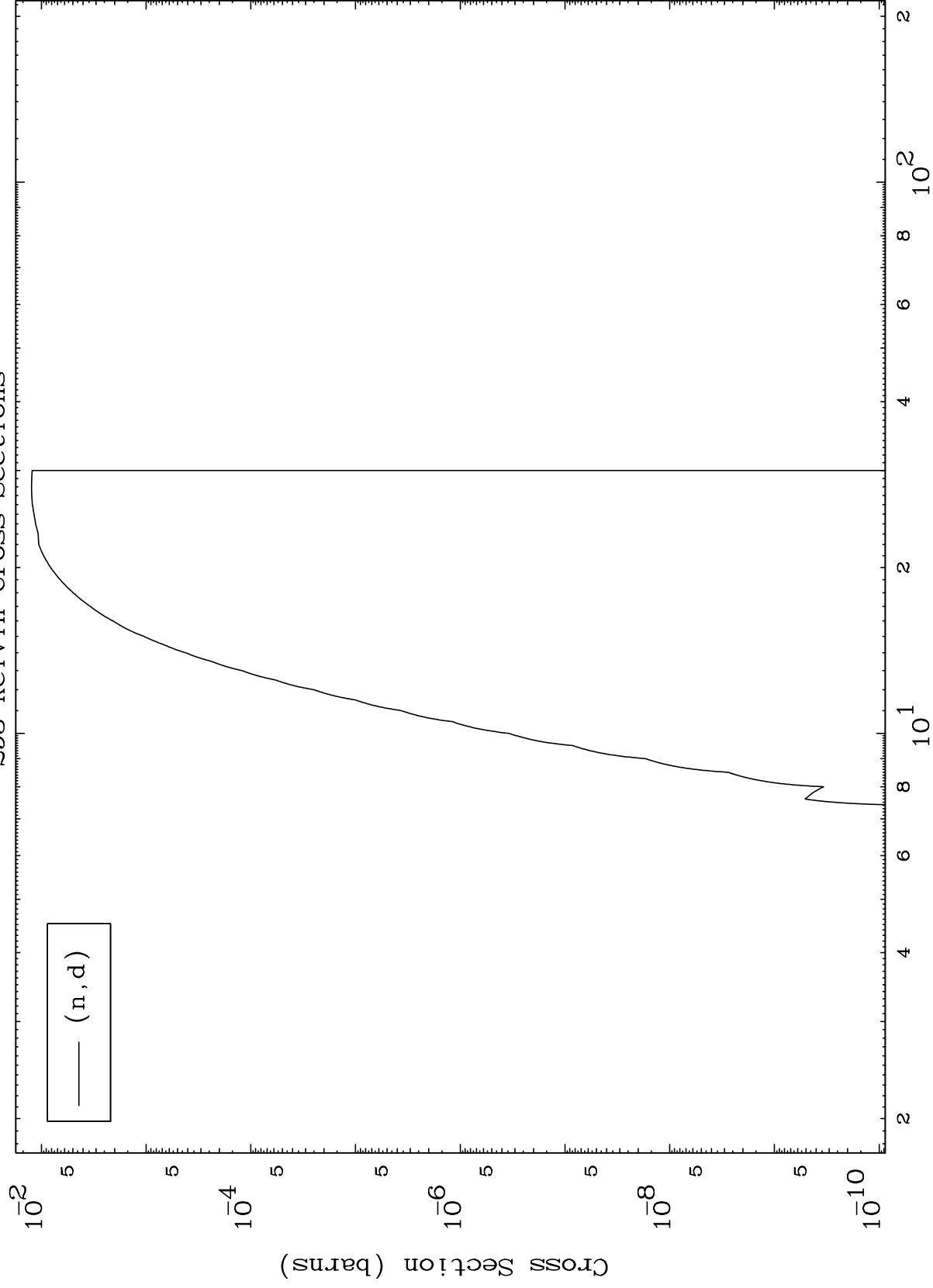
100-Fm-249



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(n,d) Levels
293 Kelvin Cross Sections

100-Fm-249



(n,d)

12

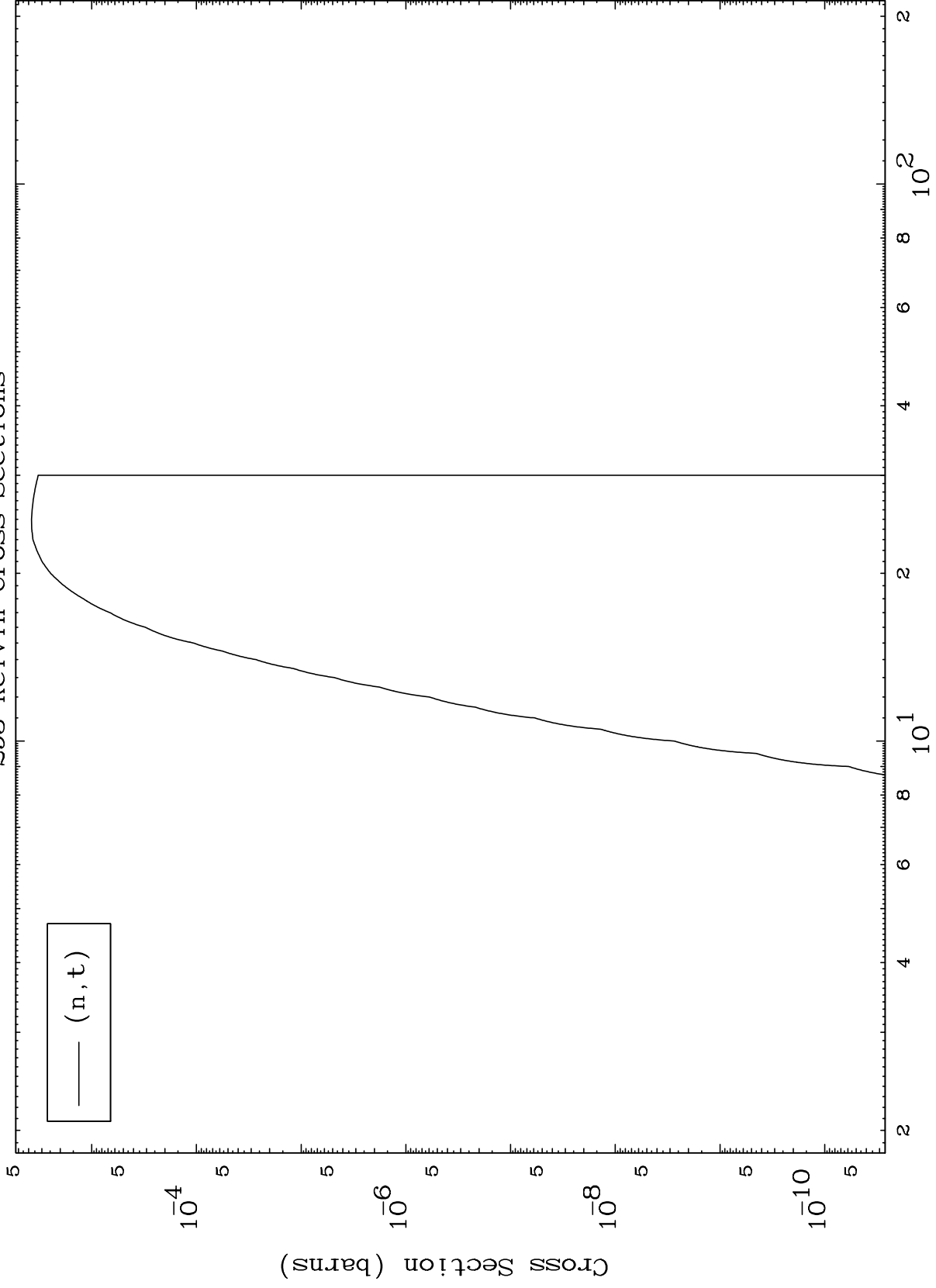
Incident Energy (MeV)

100-Fm-249

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(n,t) Levels
293 Kelvin Cross Sections

100-Fm-249



13

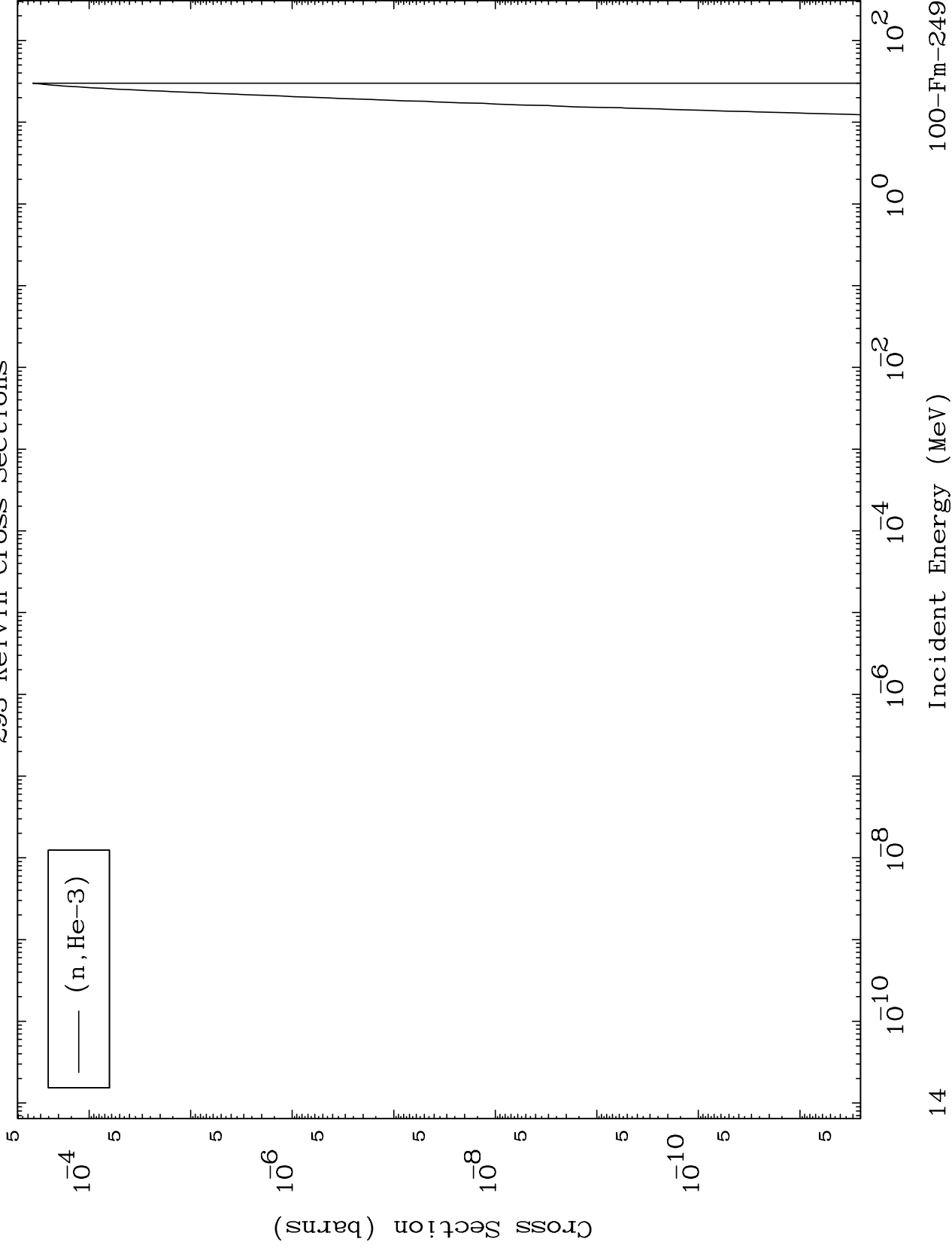
Incident Energy (MeV)

100-Fm-249

MAT 9930

(n,He3) Levels
293 Kelvin Cross Sections

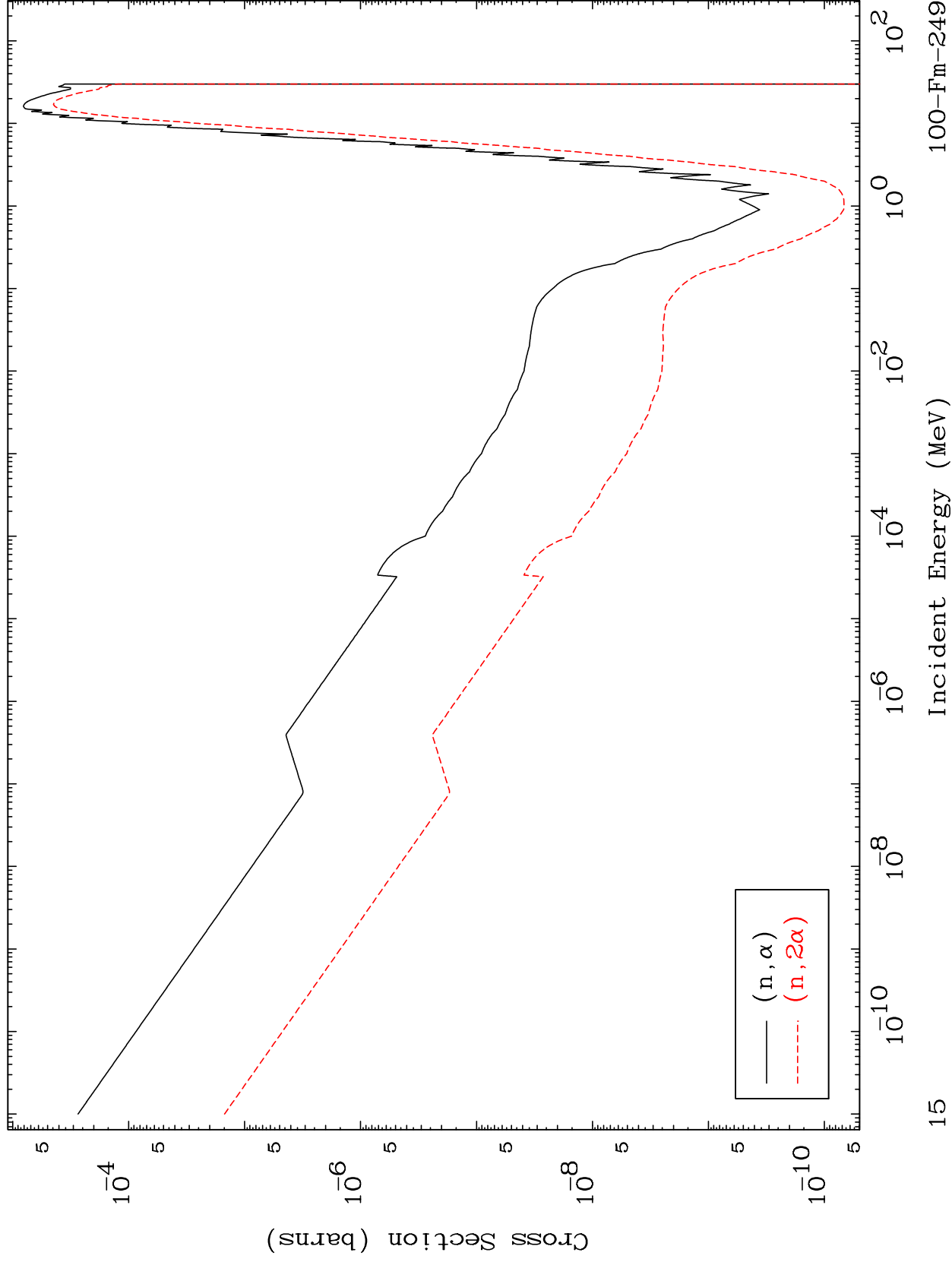
100-Fm-249



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(n,α) Levels
293 Kelvin Cross Sections

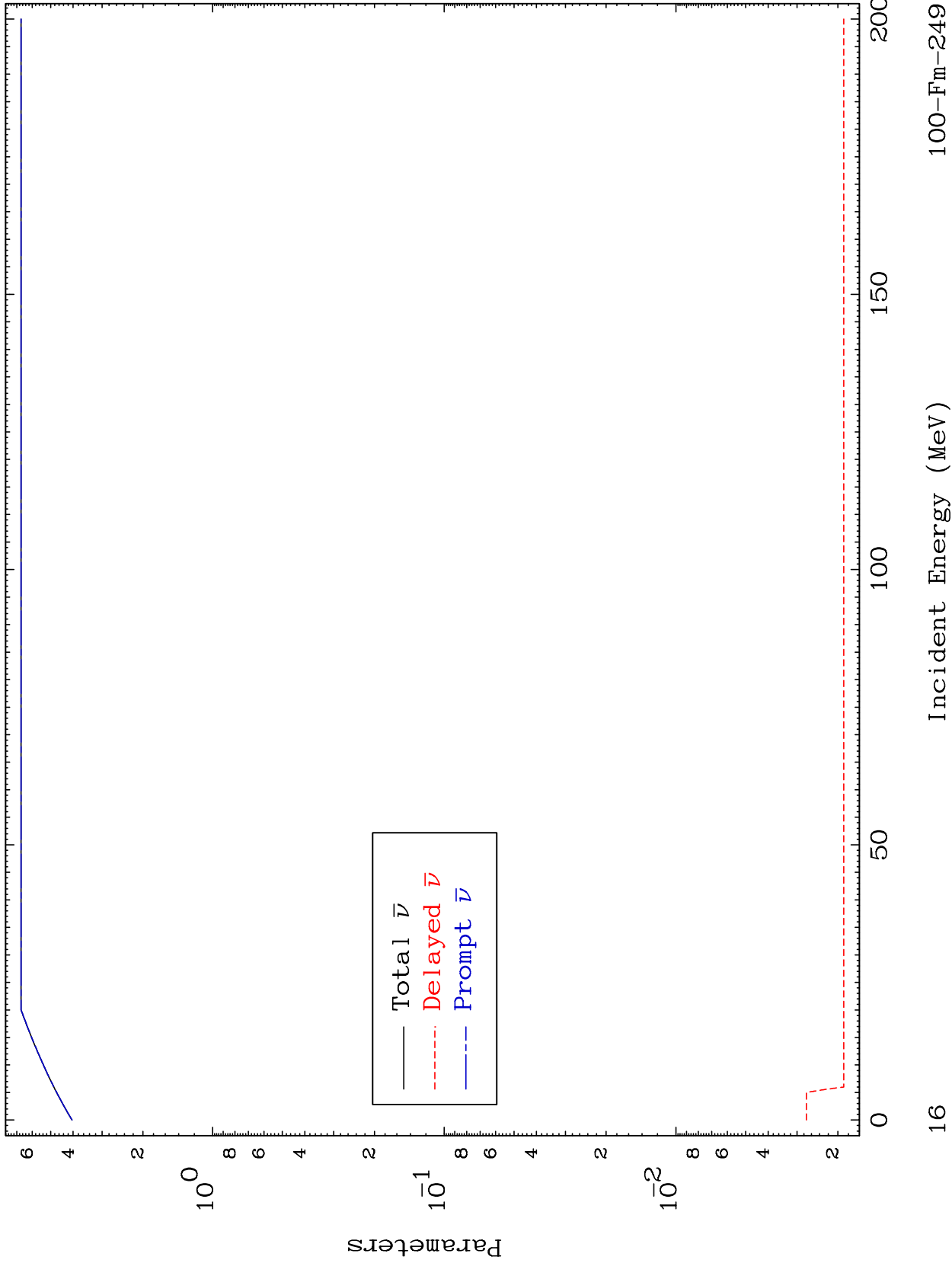
100-Fm-249



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Energy Release
Parameters

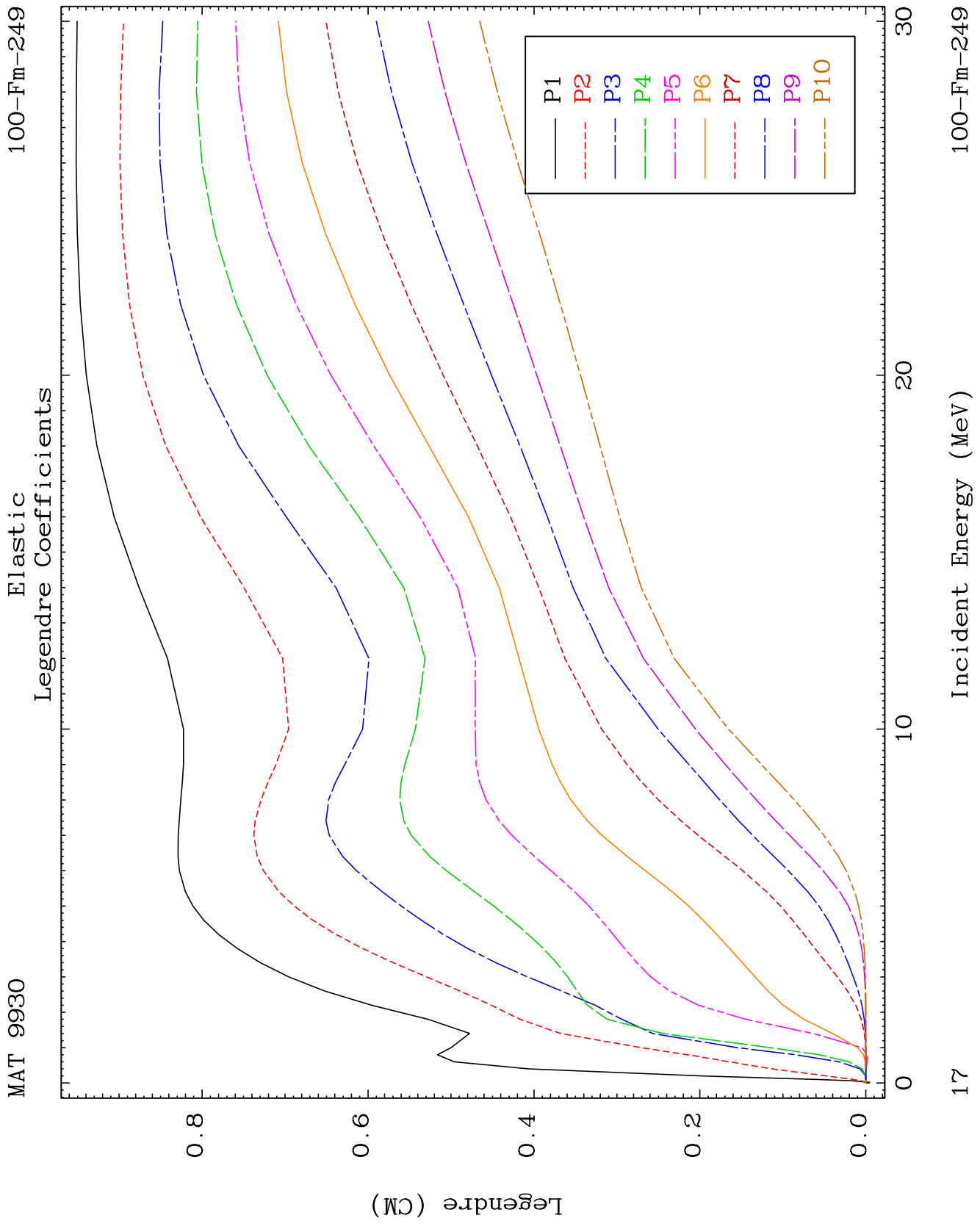
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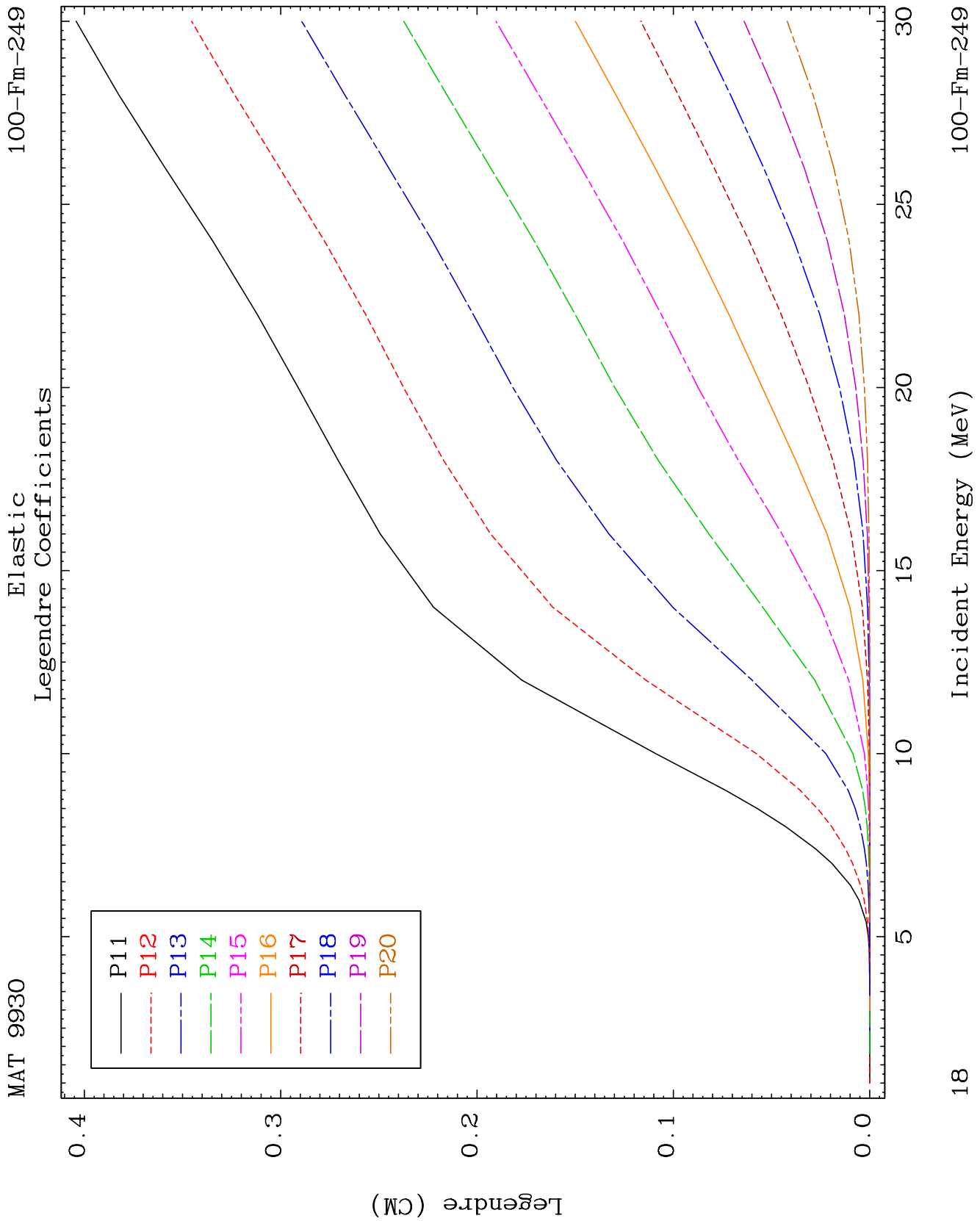


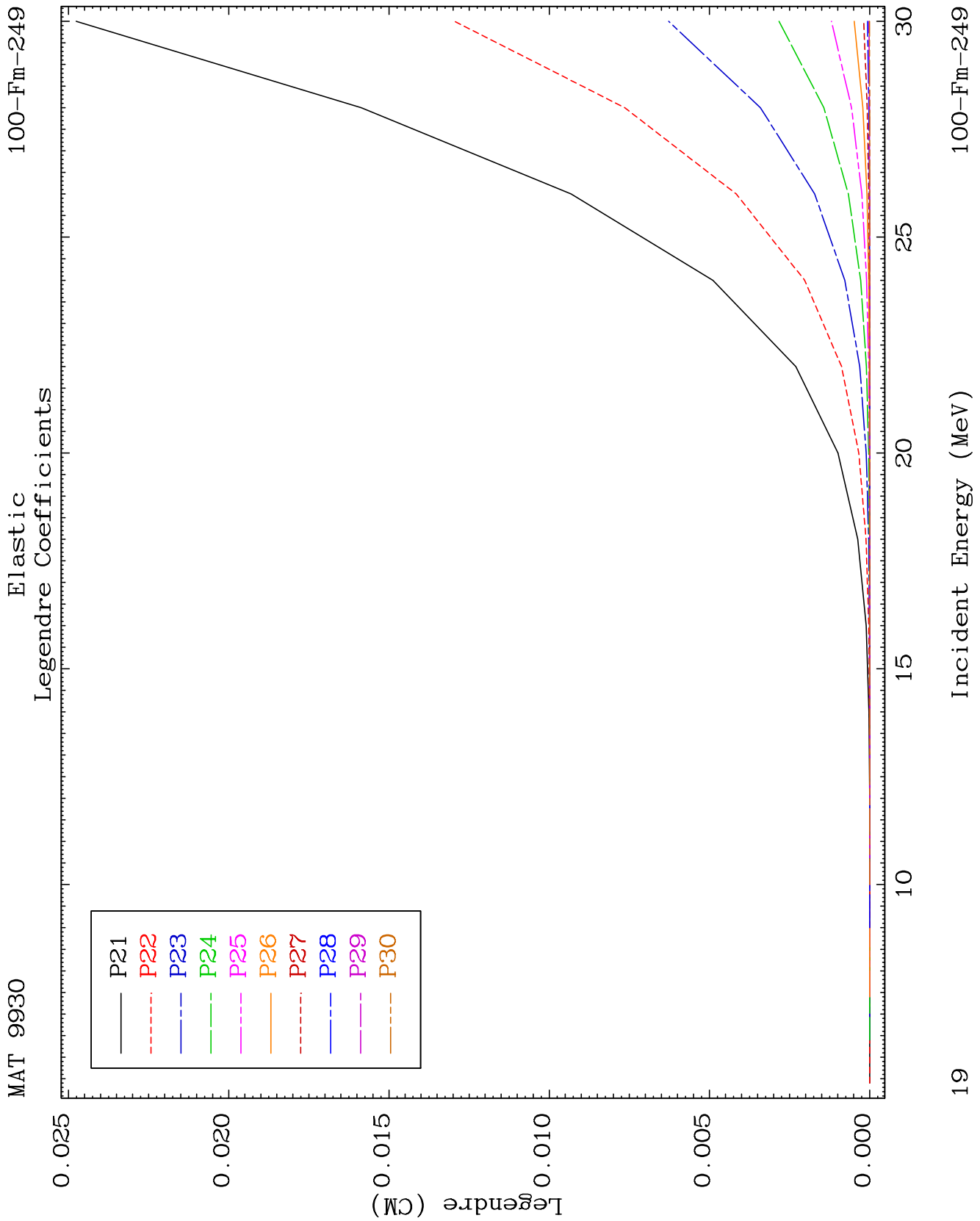
16

Incident Energy (MeV)

100-Fm-249



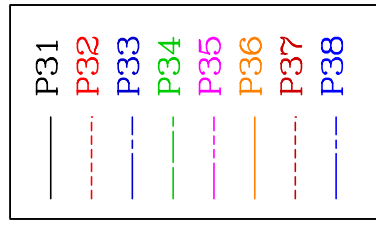




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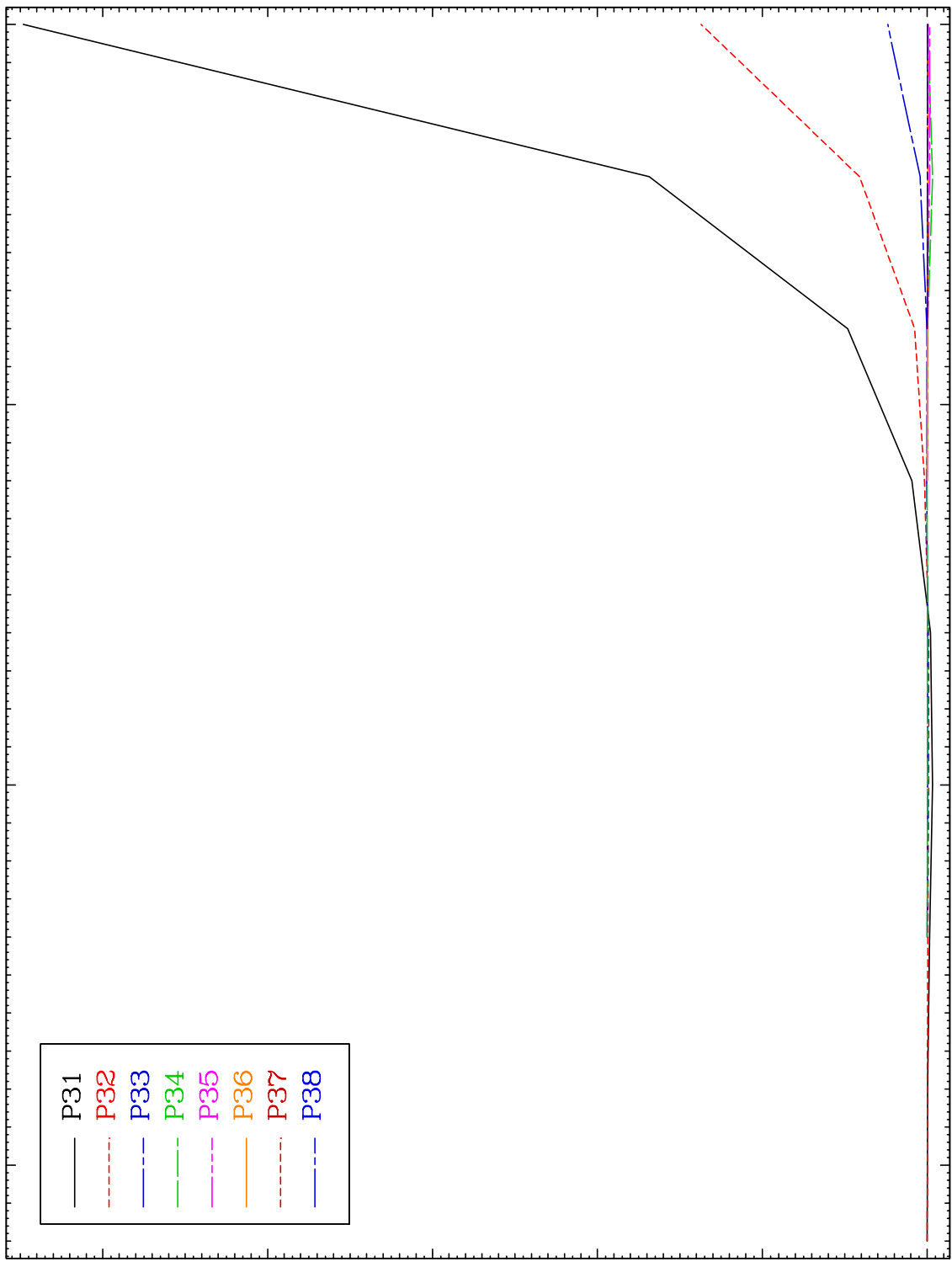
Elastic Legendre Coefficients

100-Fm-249



$\times 10^{-6}$
2.5
2.0
1.5
1.0
0.5
0.0

Legendre (CM)



20

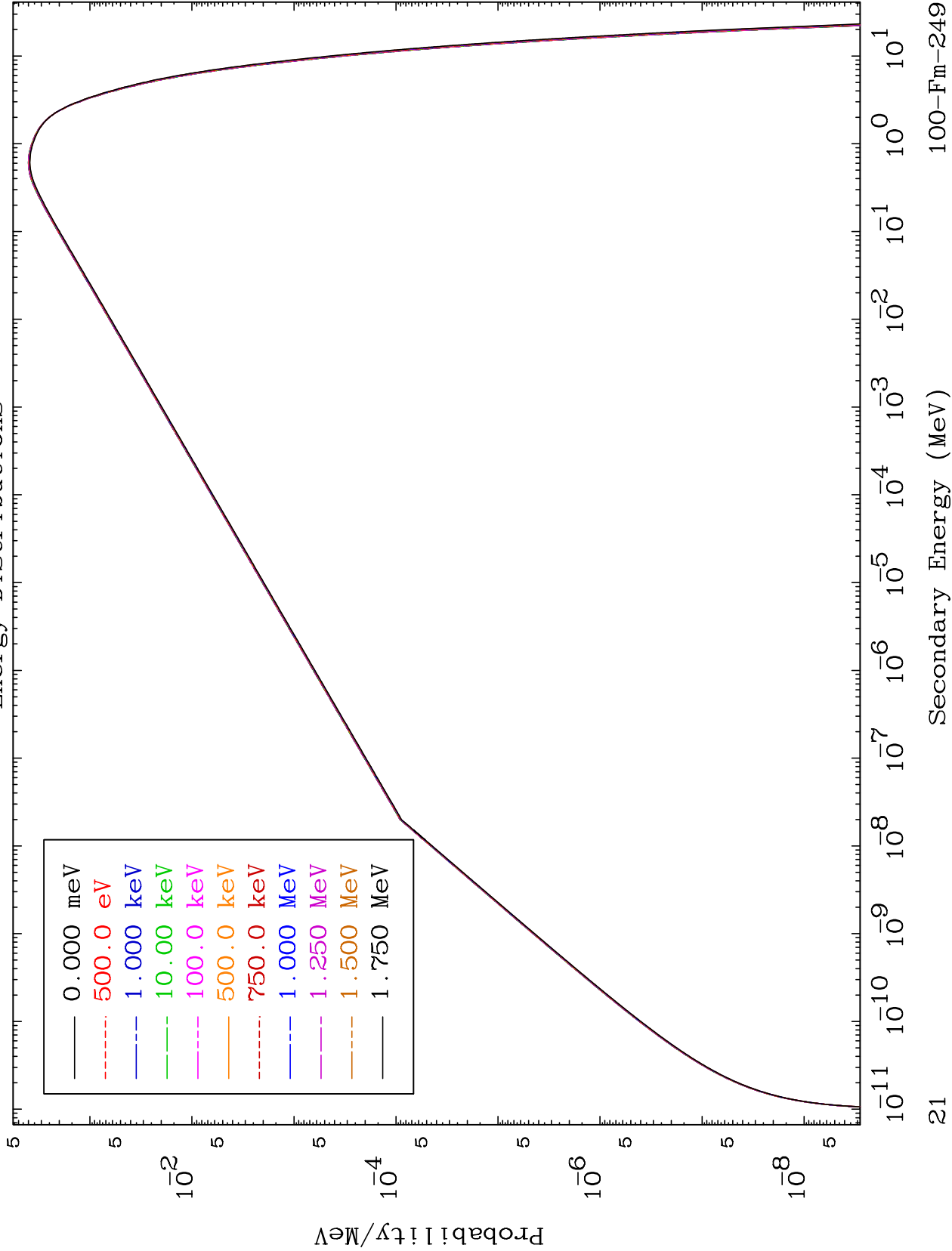
Incident Energy (MeV)

100-Fm-249

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Fission Energy Distributions

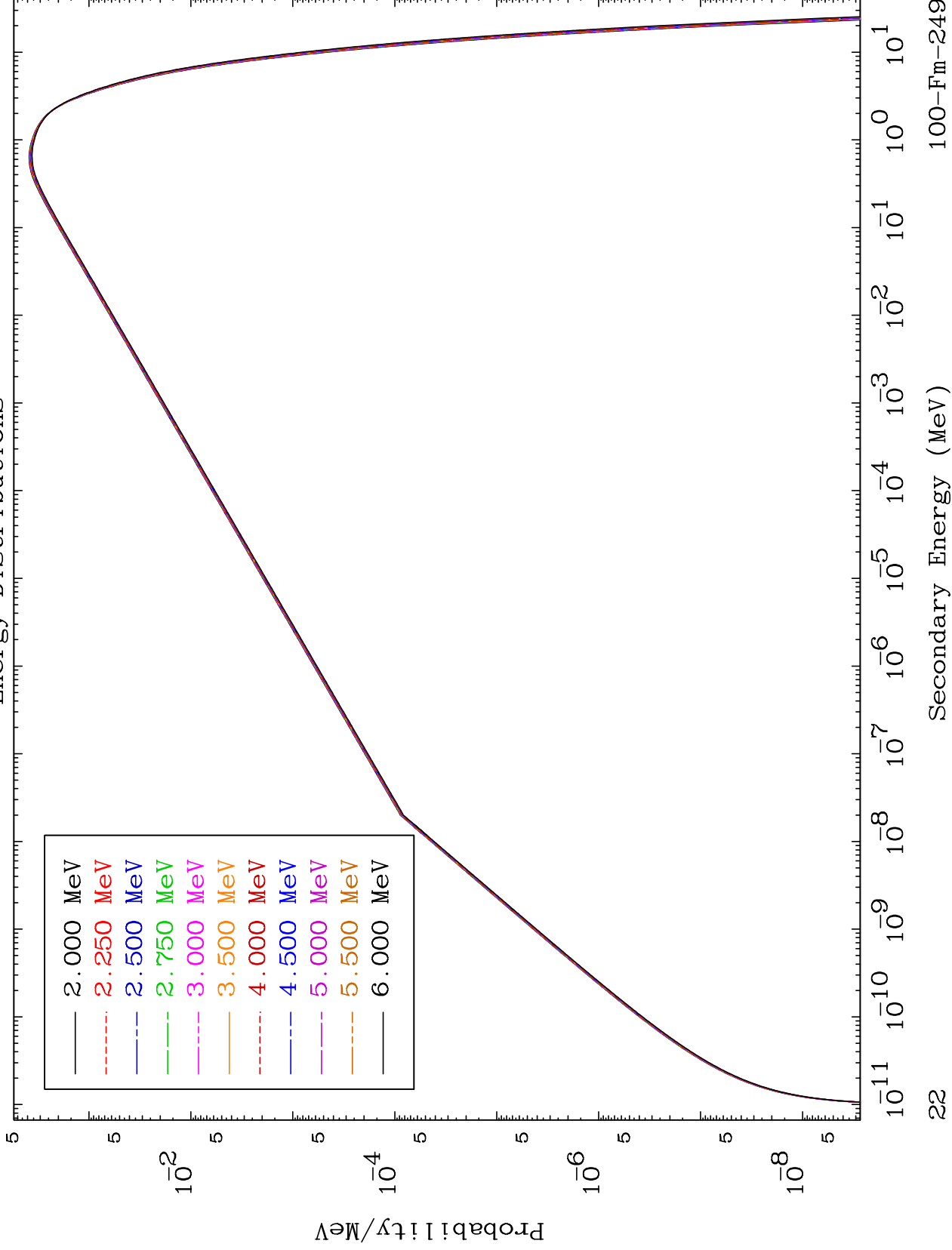
100-Fm-249



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Fission Energy Distributions

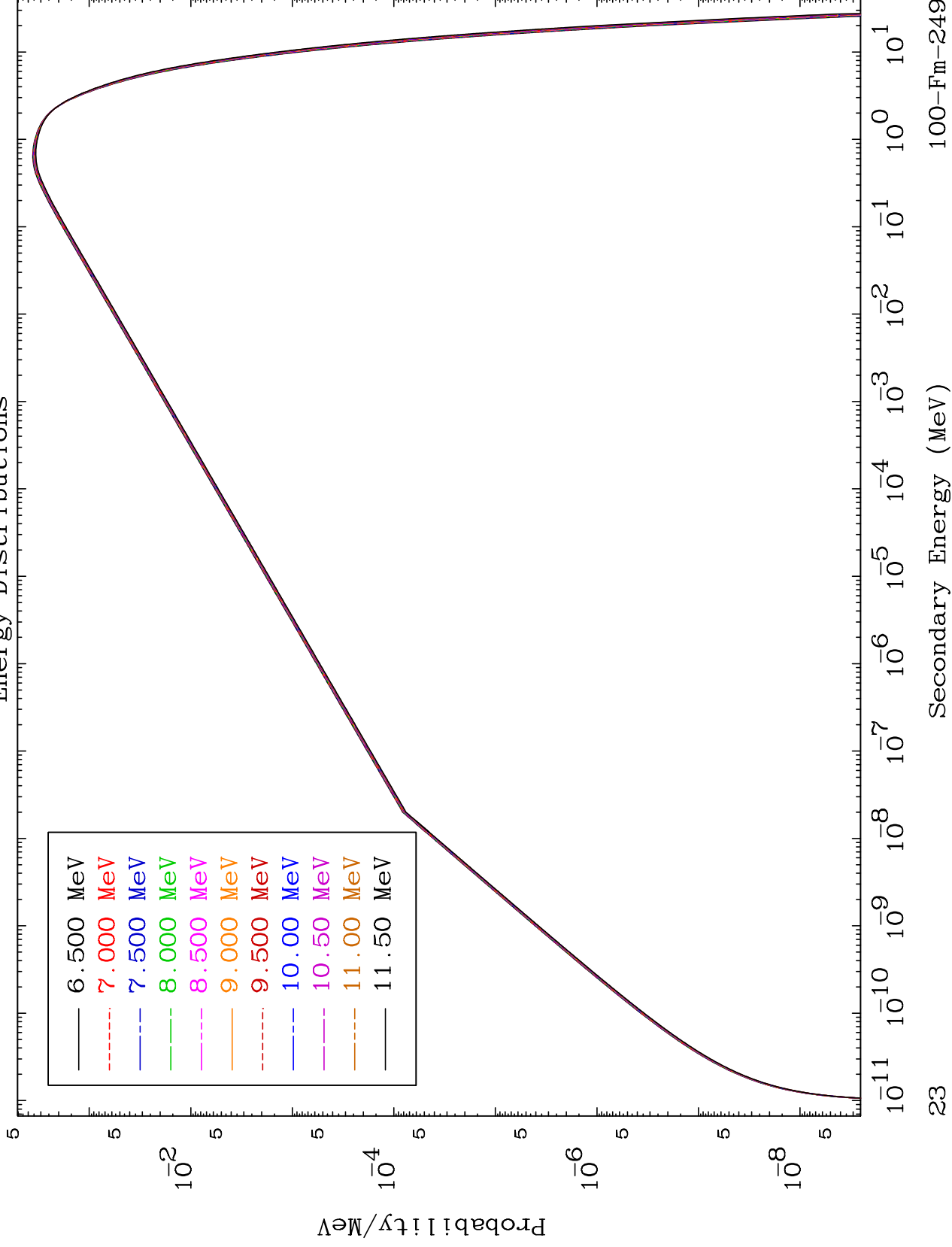
100-Fm-249



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Fission Energy Distributions

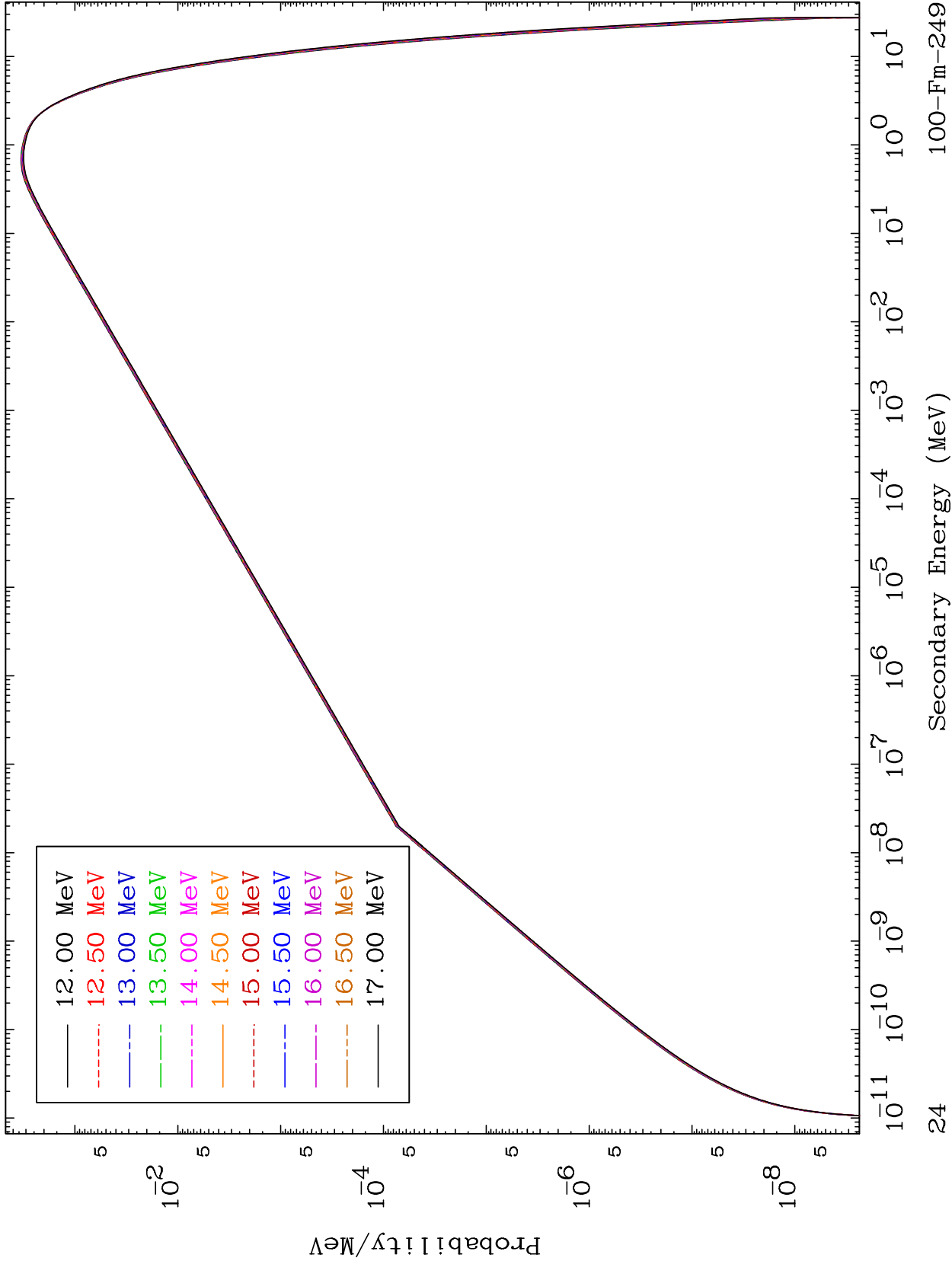
100-Fm-249



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Fission Energy Distributions

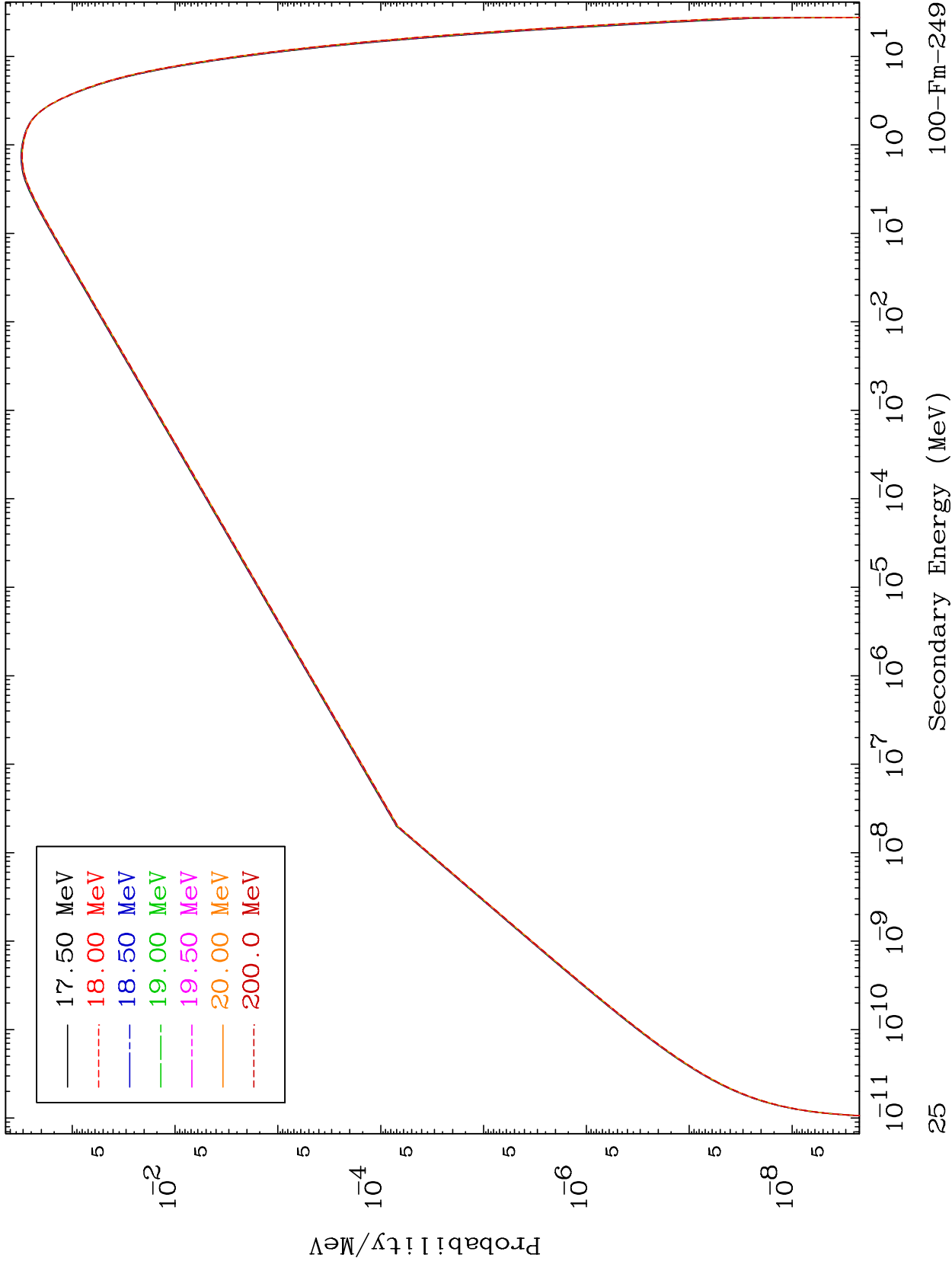
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Fission Energy Distributions

100-Fm-249

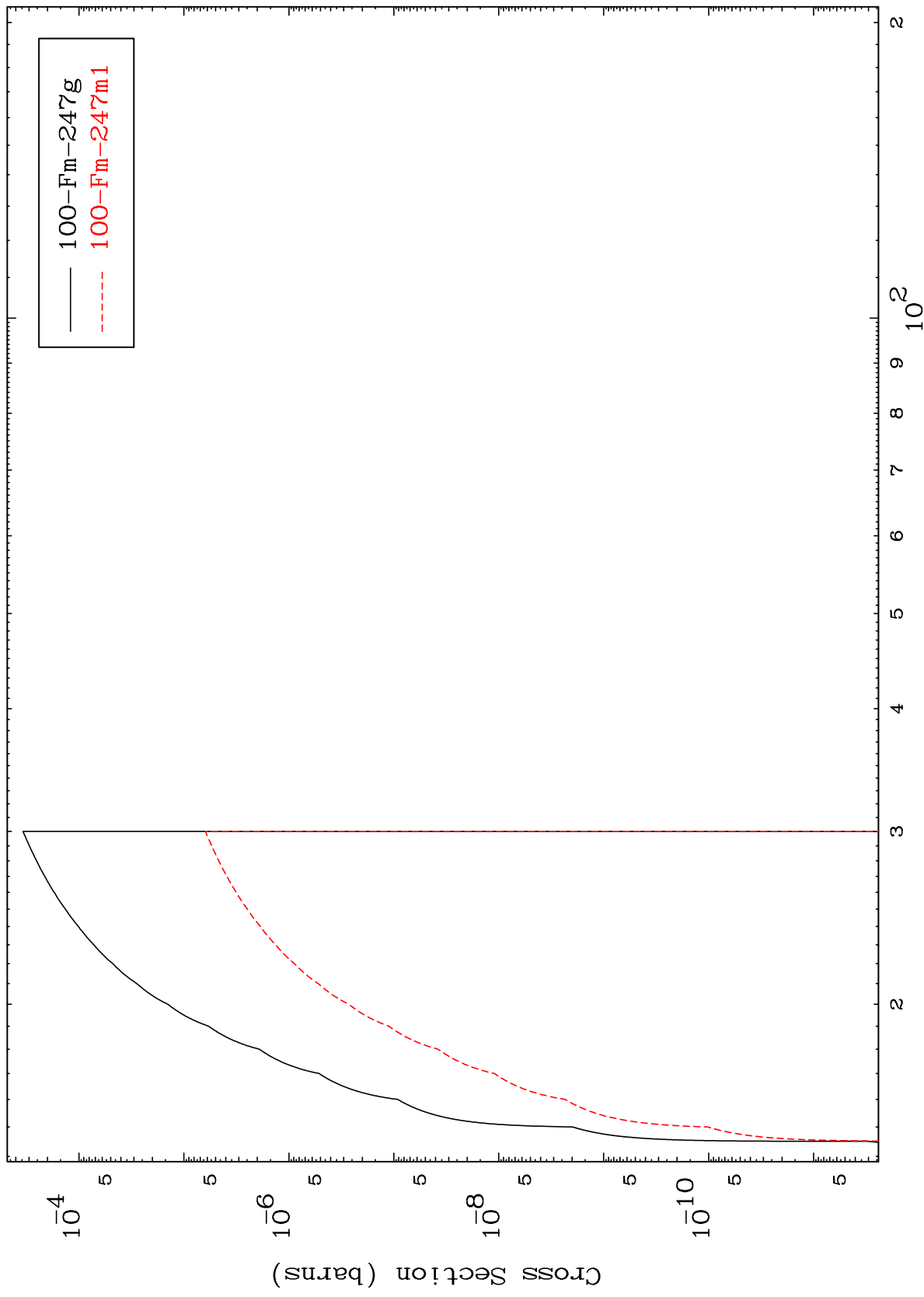


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(n,3n)

Radionuclide Production Cross Section



26

100-Fm-249

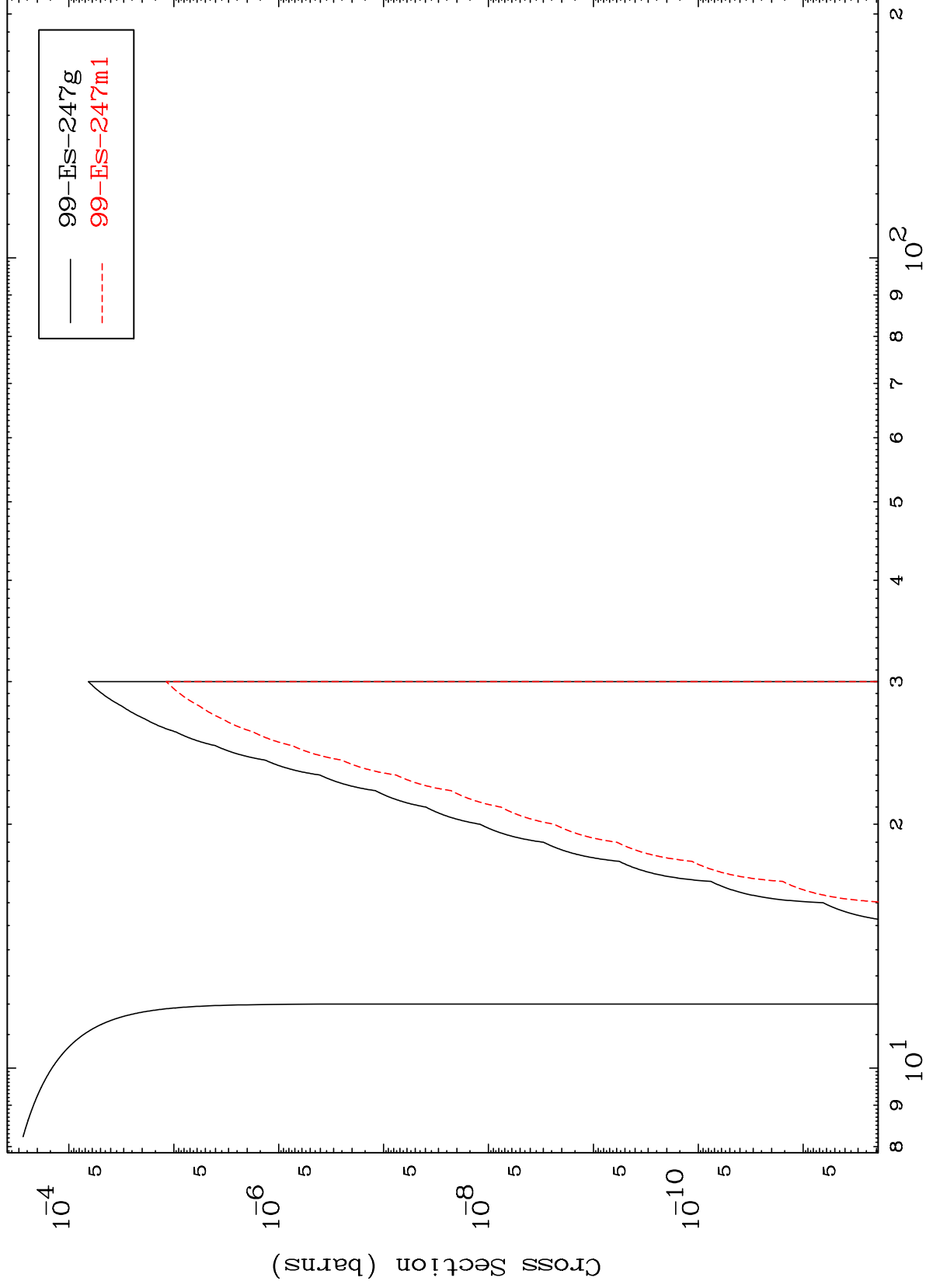
Incident Energy (MeV)

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(n,n') d

100-Fm-249

Radionuclide Production Cross Section



27

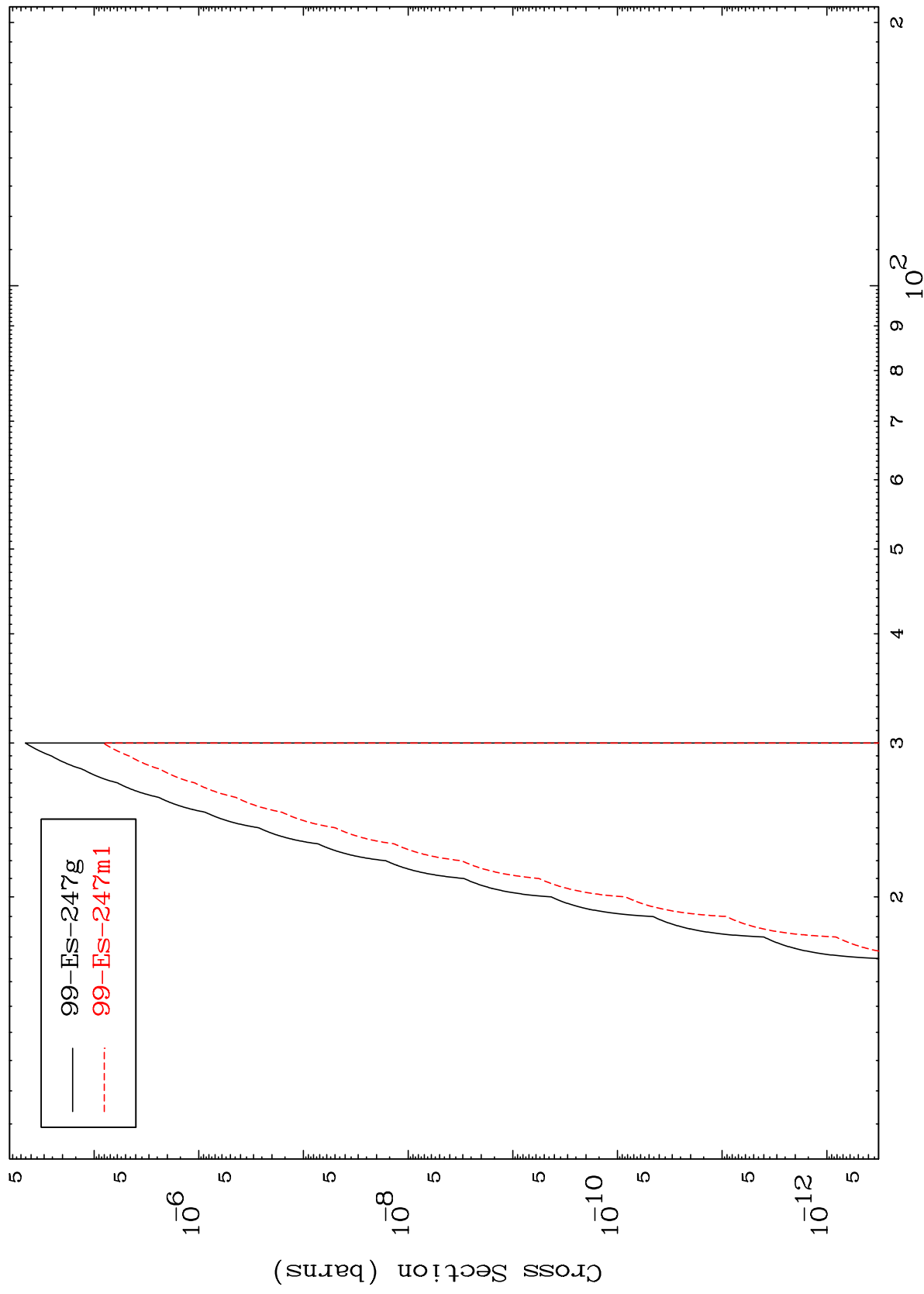
Incident Energy (MeV)

100-Fm-249

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100-Fm-249

(n,2n) p
Radionuclide Production Cross Section



100-Fm-249

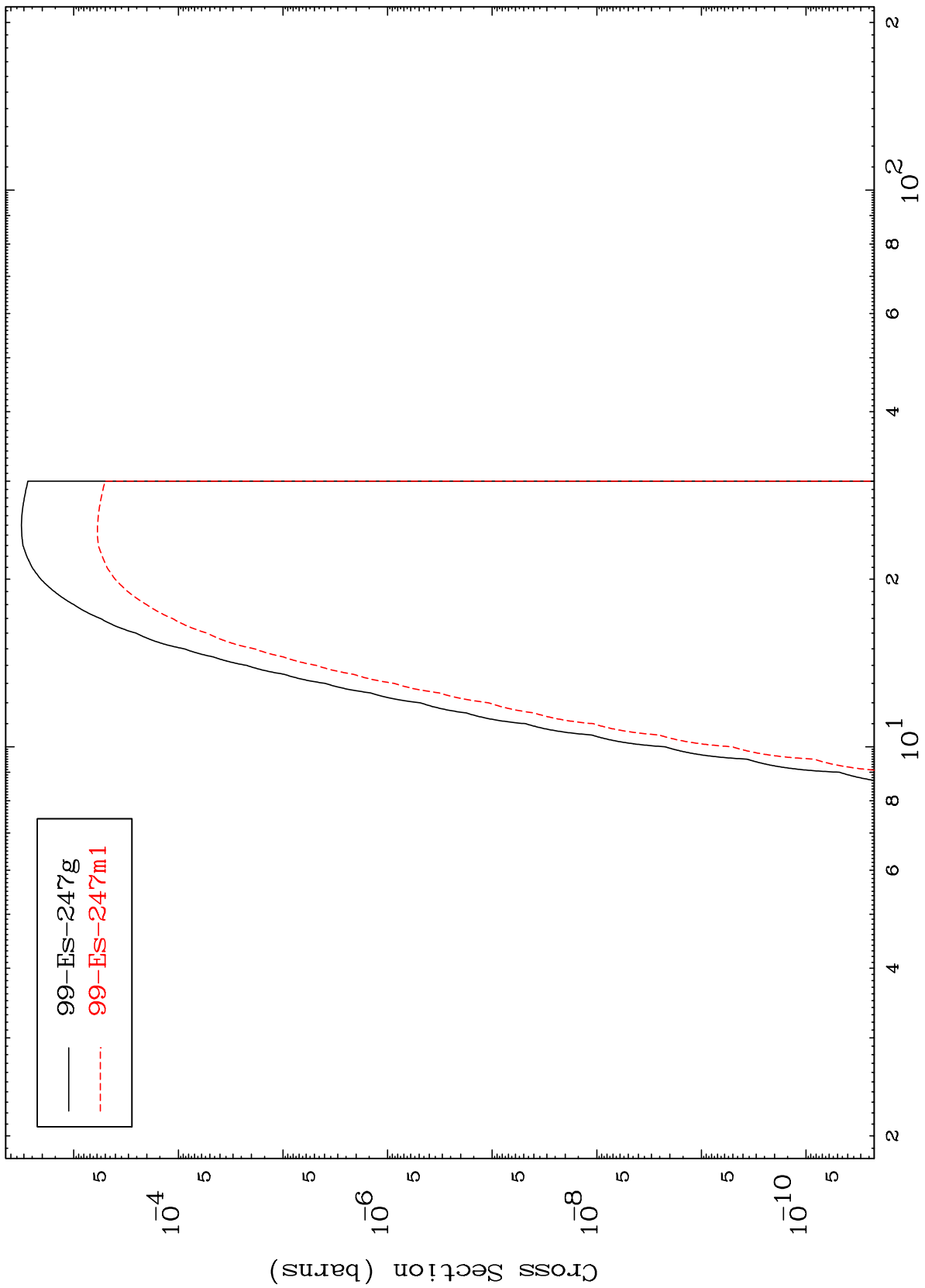
Incident Energy (MeV)

28

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100-Fm-249

(n, t)
Radionuclide Production Cross Section



29

100-Fm-249

Incident Energy (MeV)