

Program EVALPLOT
(Version 2021-1)

by

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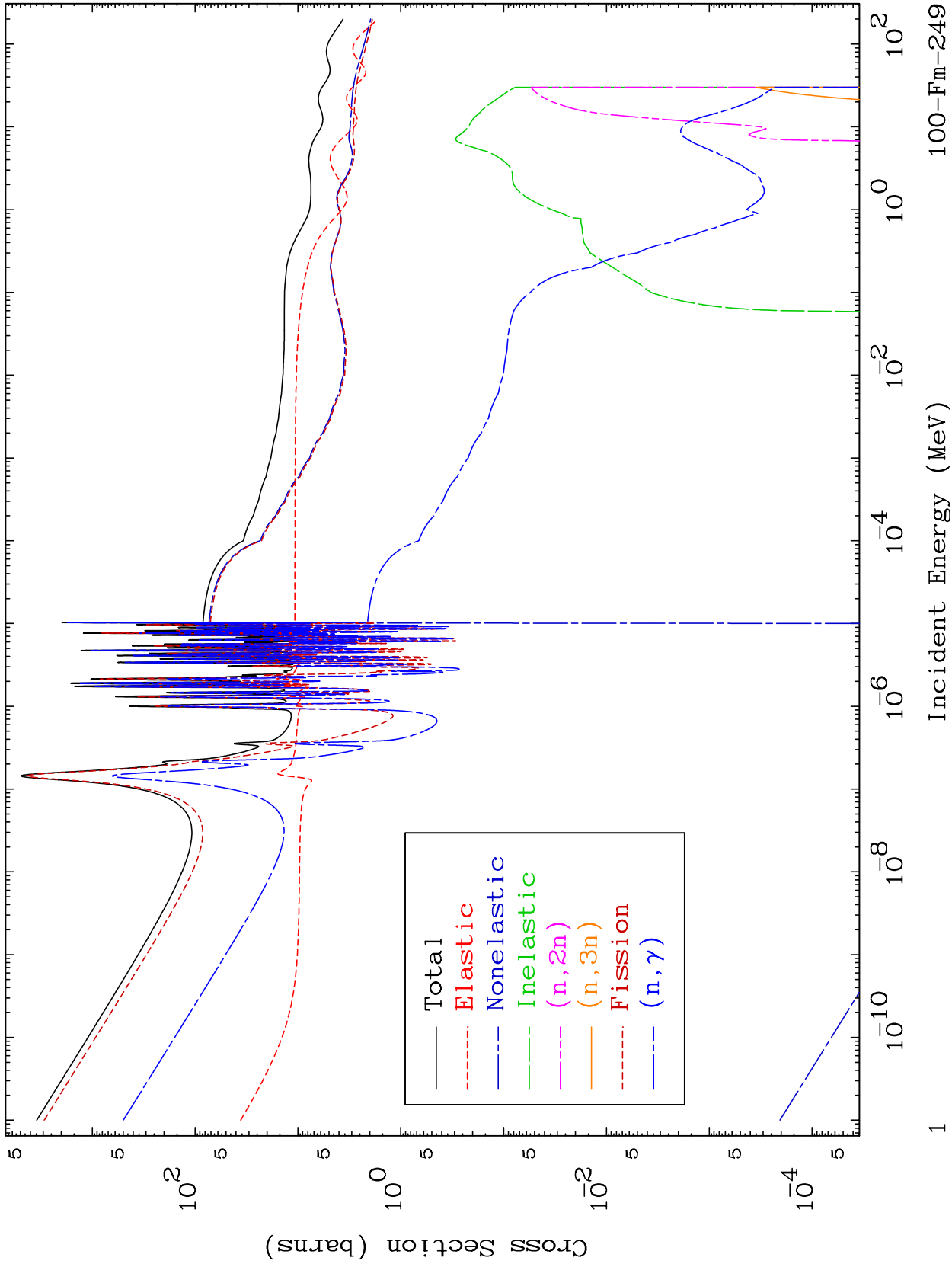
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9930

Neutron Major
293 Kelvin Cross Sections

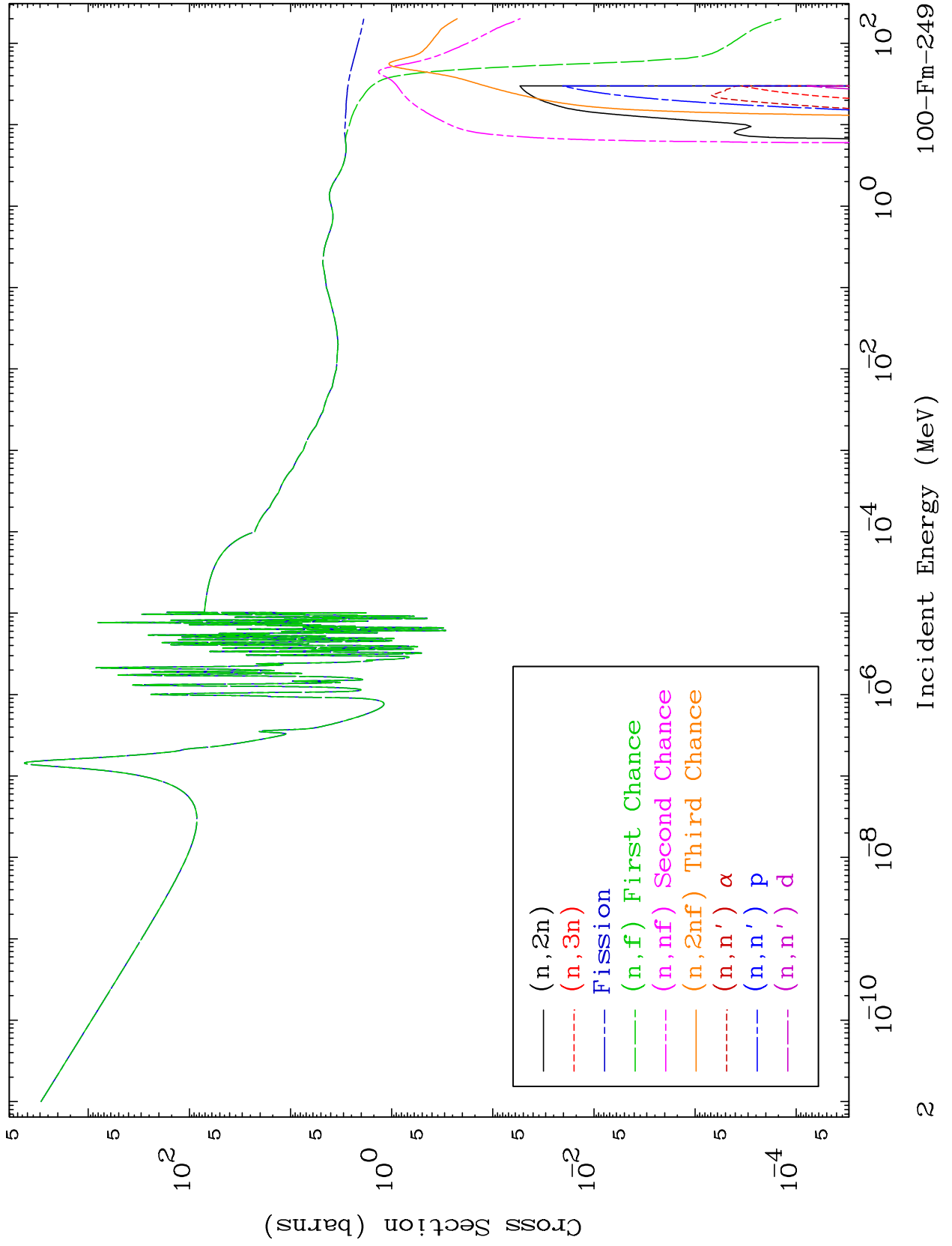
100-Fm-249



MAT 9930

Neutron Absorption
293 Kelvin Cross Sections

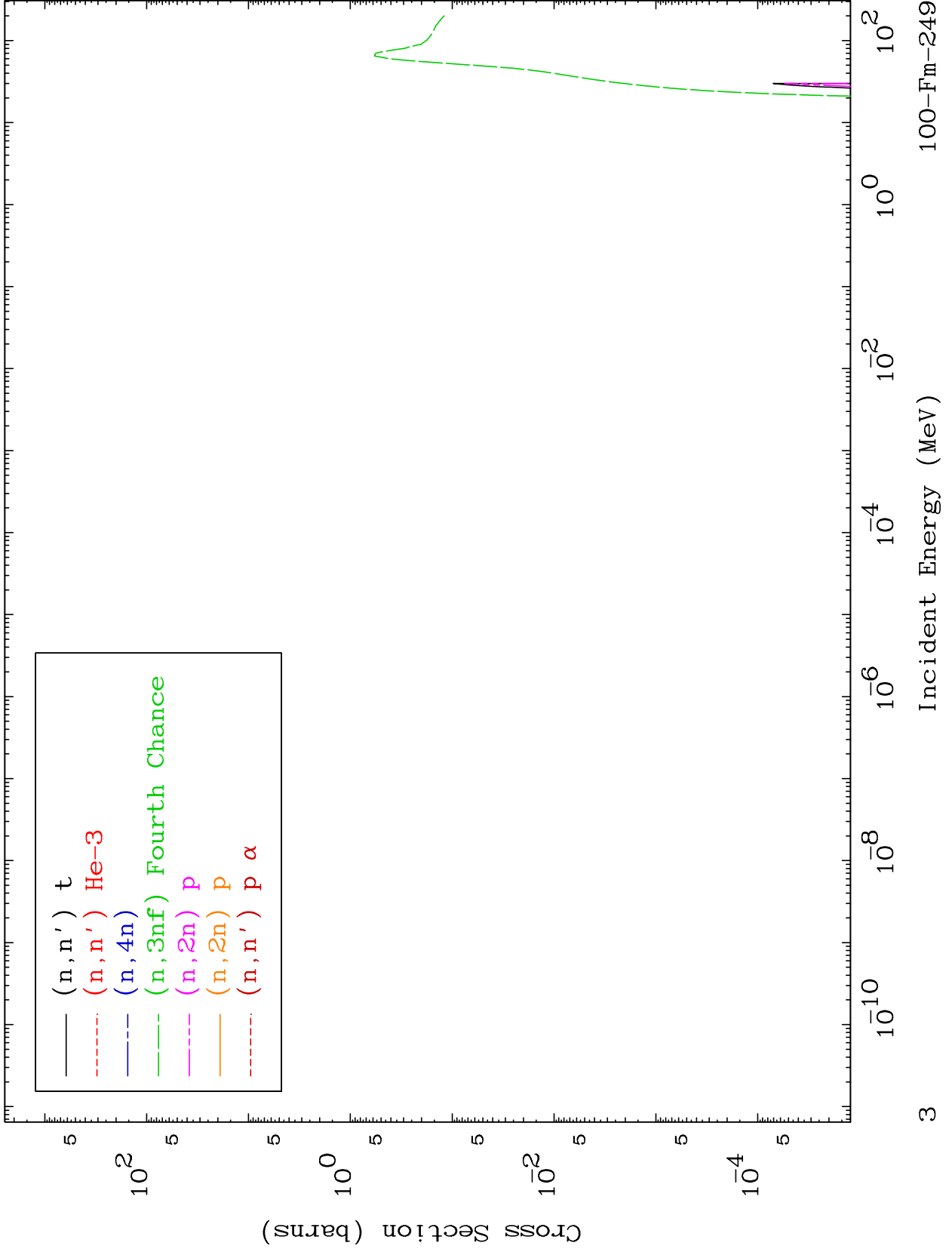
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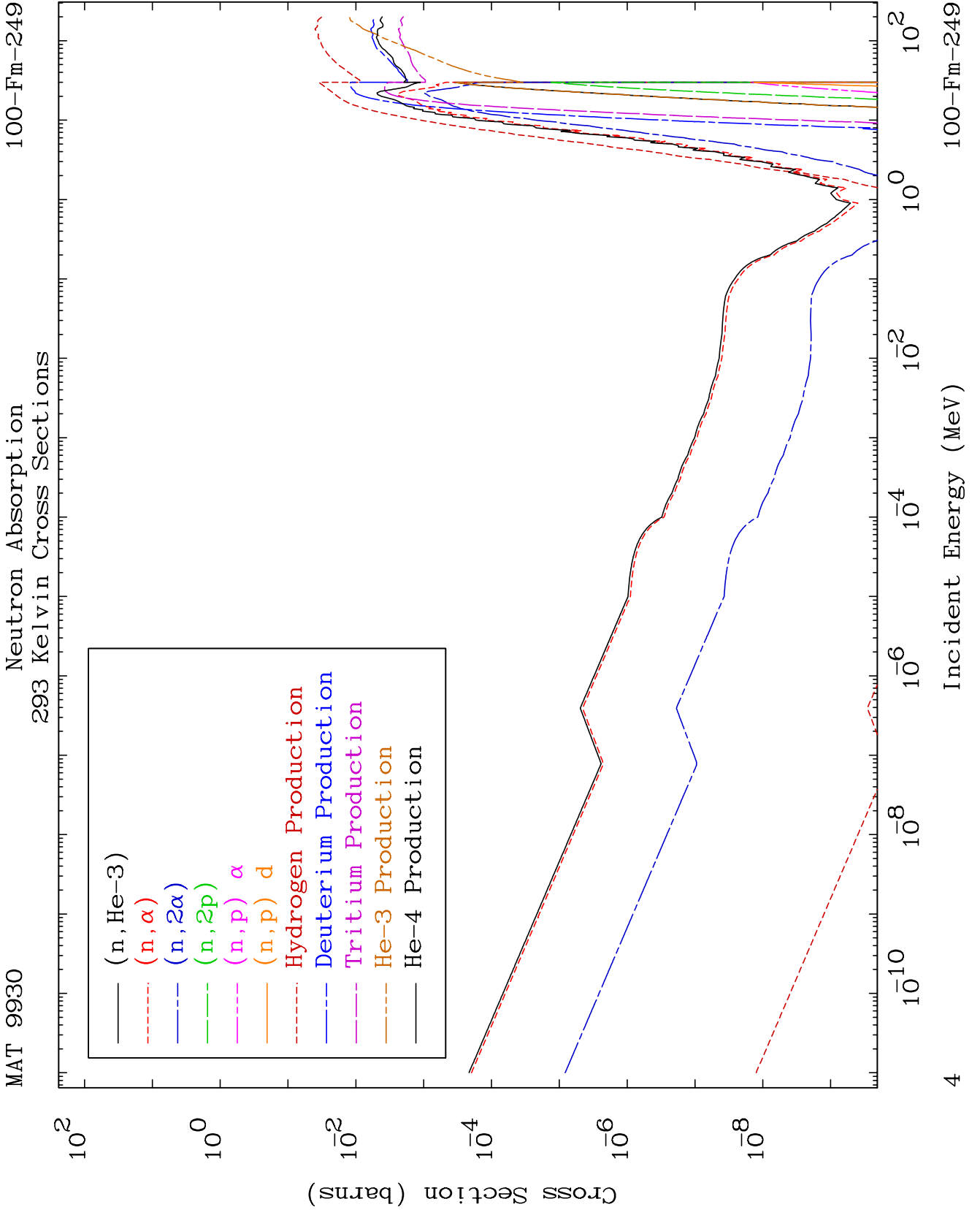


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Neutron Absorption
293 Kelvin Cross Sections

100-Fm-249

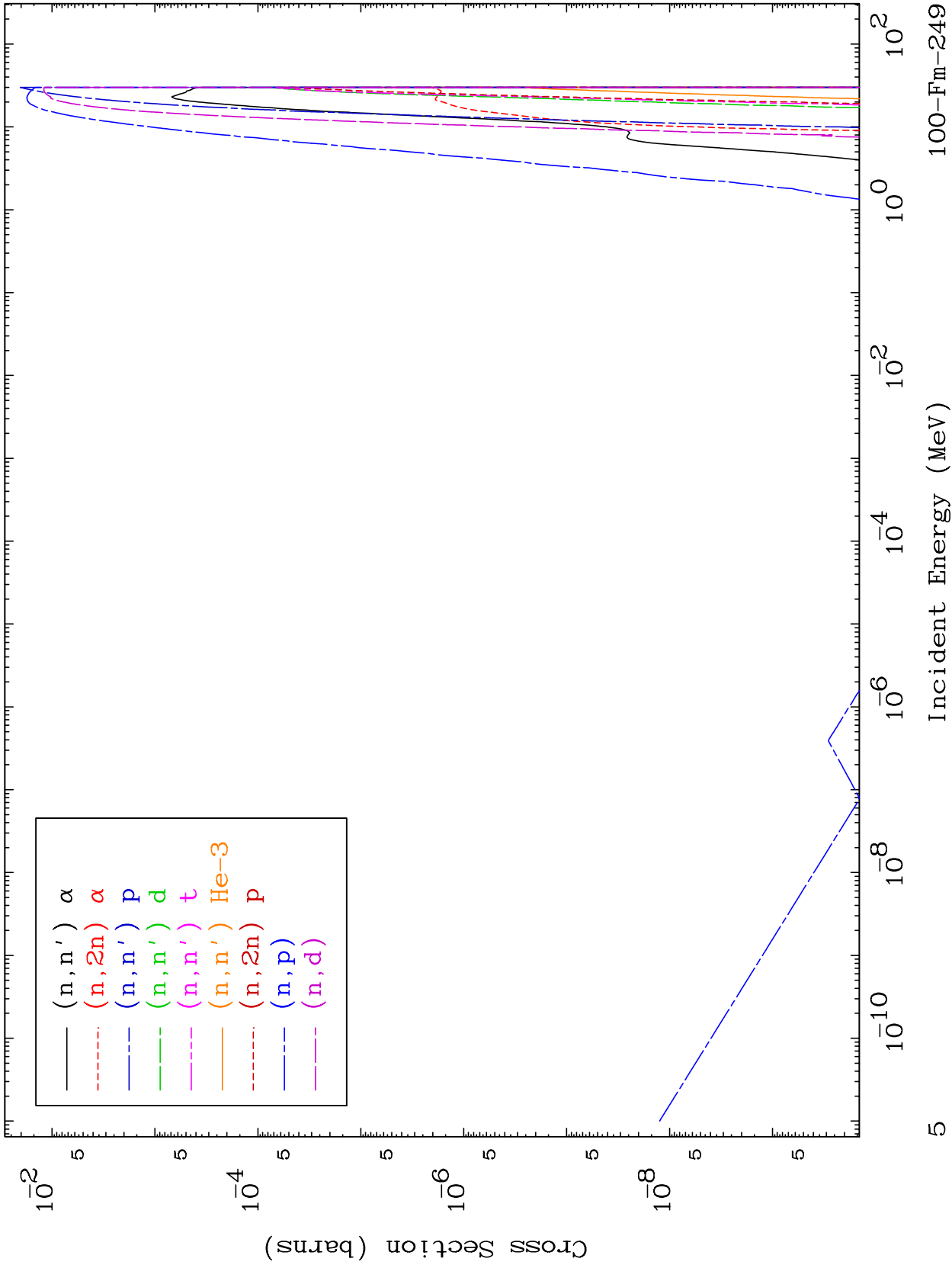




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Charged Particle
293 Kelvin Cross Sections

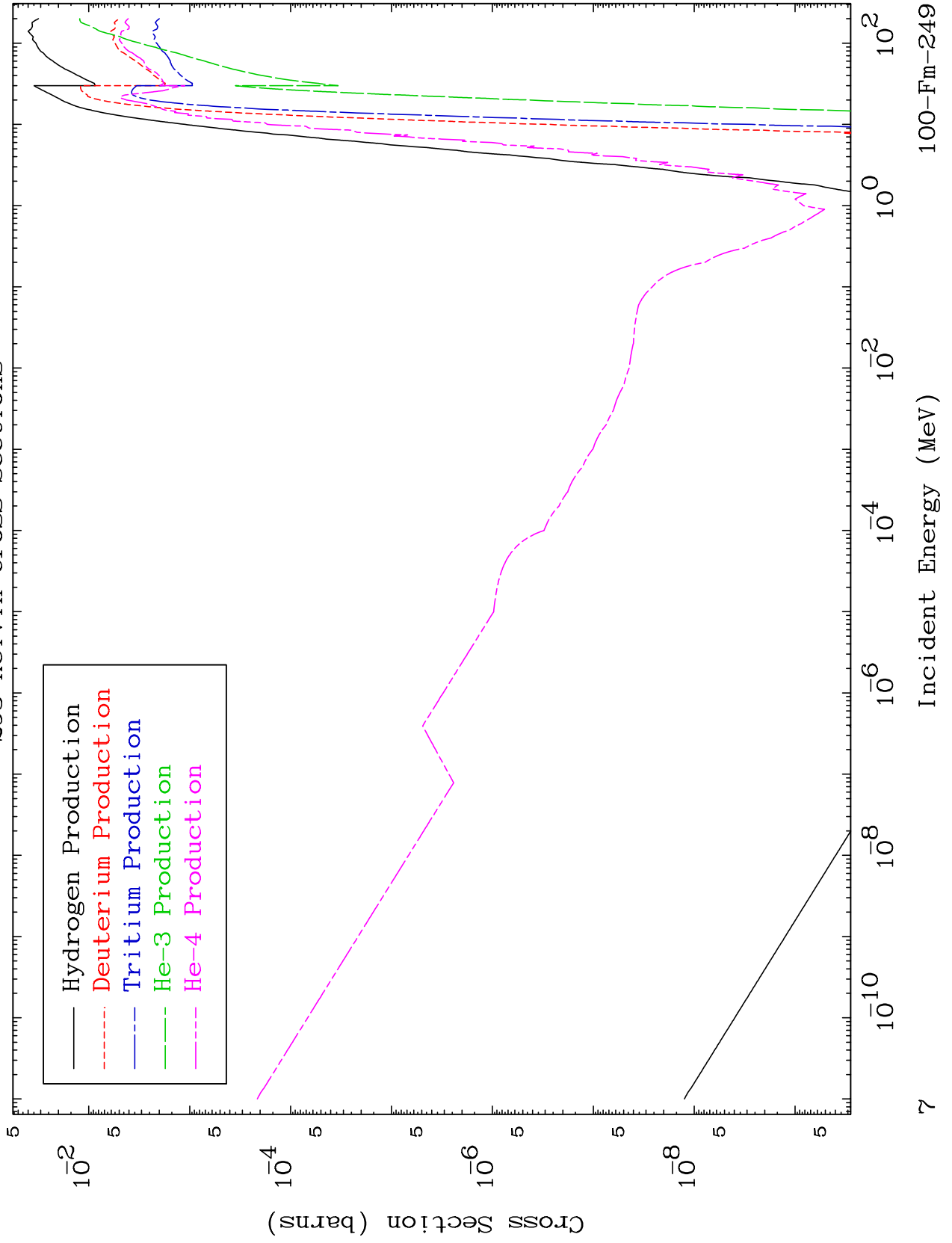
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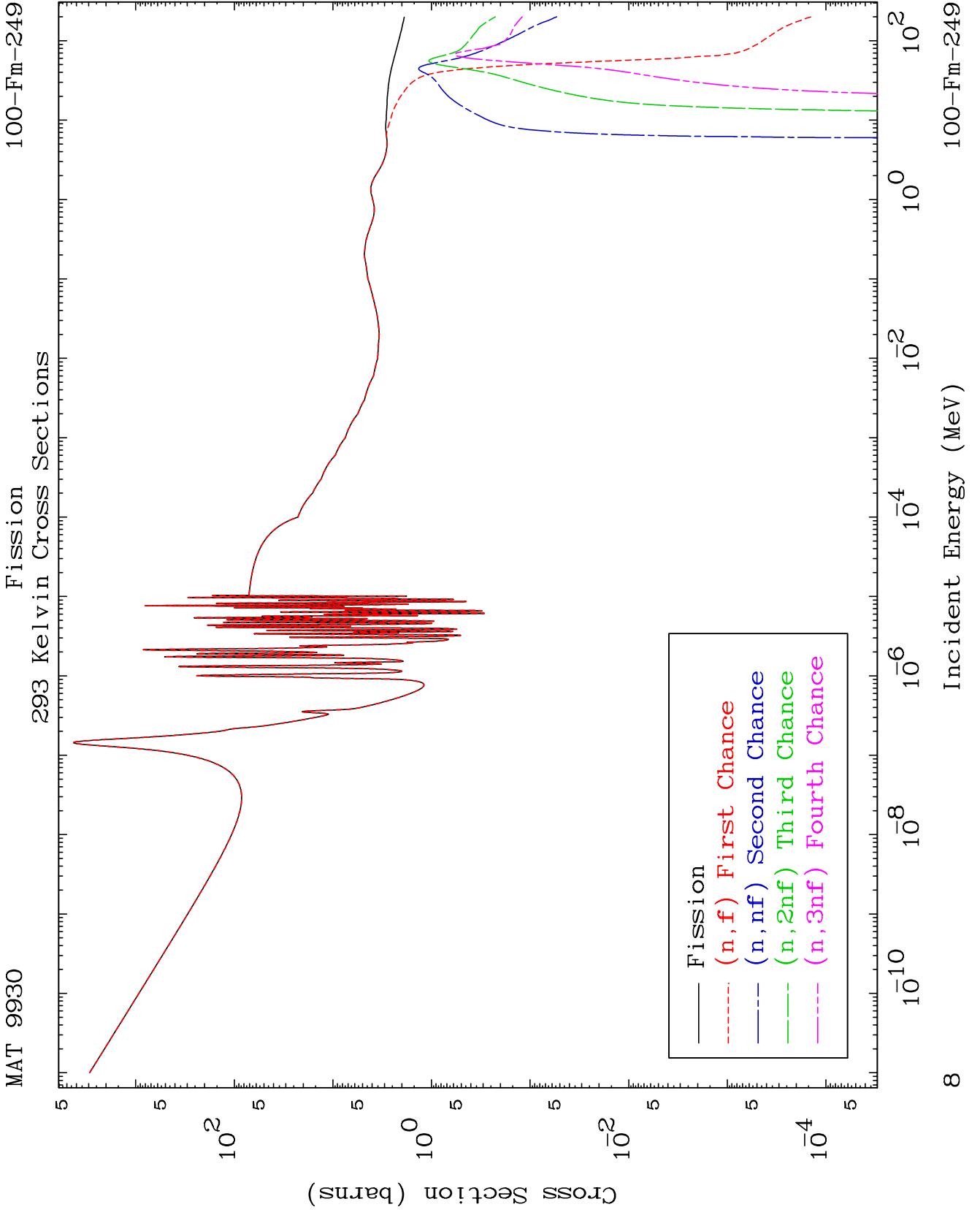


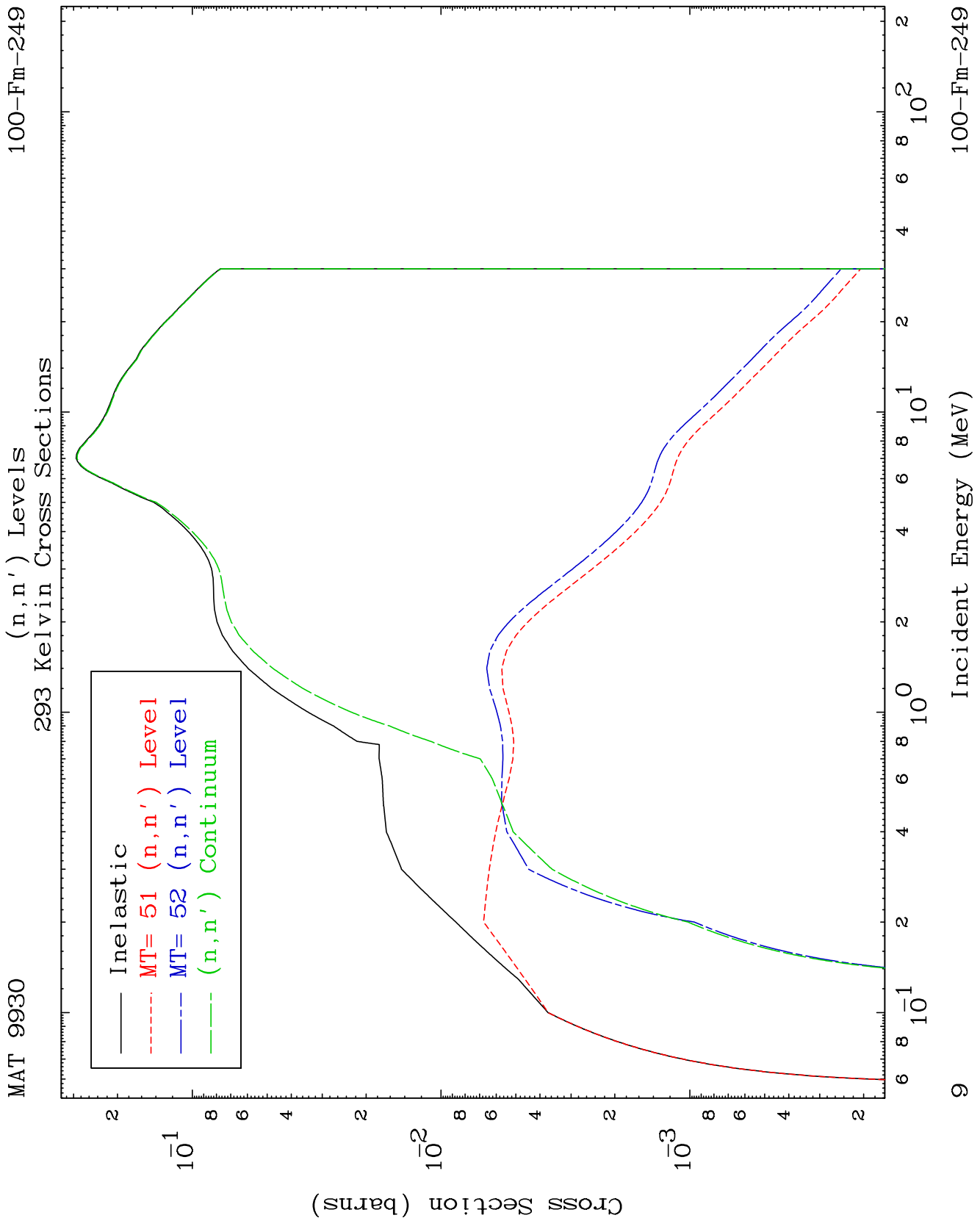
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Particle Production
293 Kelvin Cross Sections

100-Fm-249



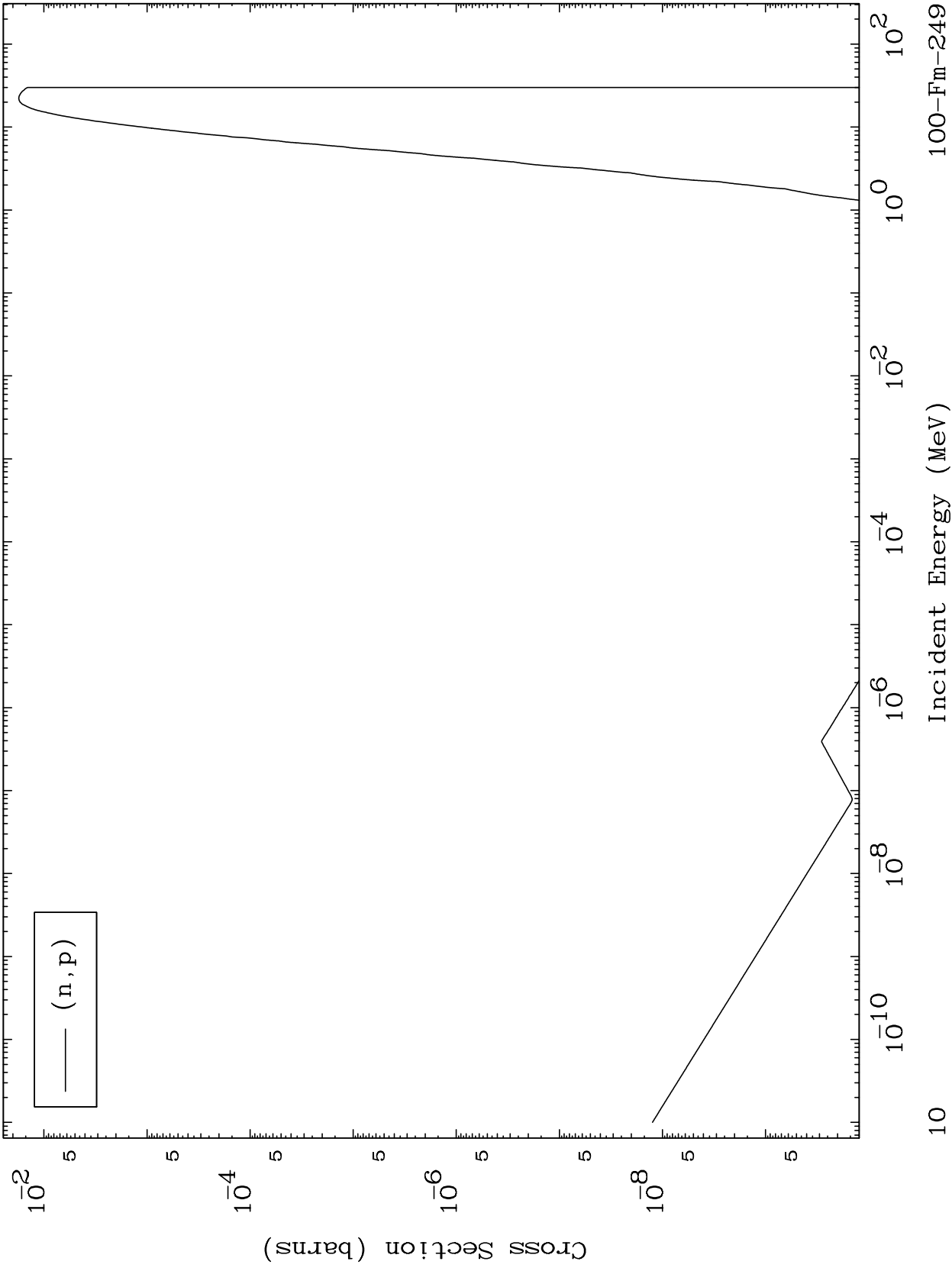




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(n,p) Levels
293 Kelvin Cross Sections

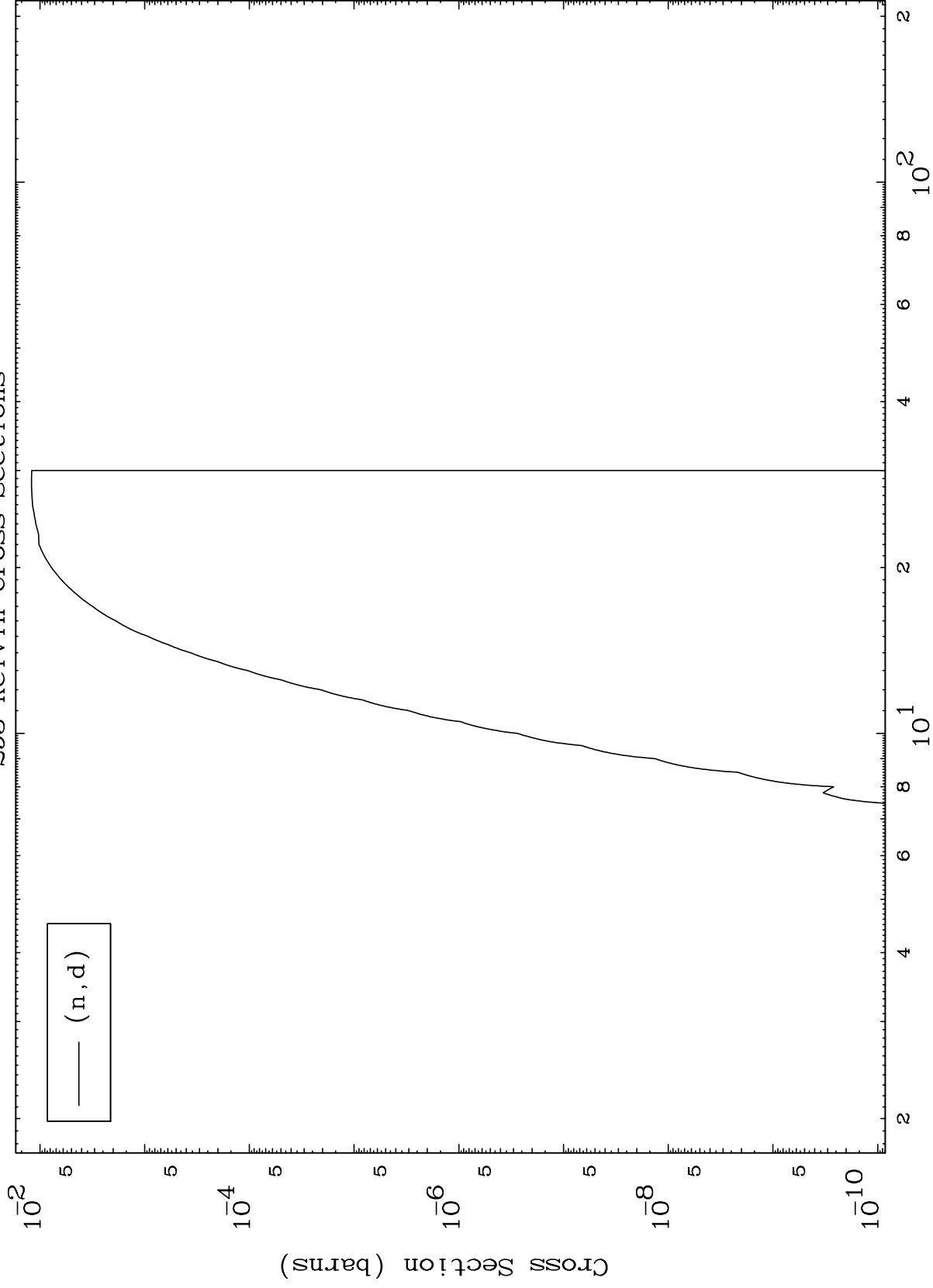
100-Fm-249



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(n,d) Levels
293 Kelvin Cross Sections

100-Fm-249



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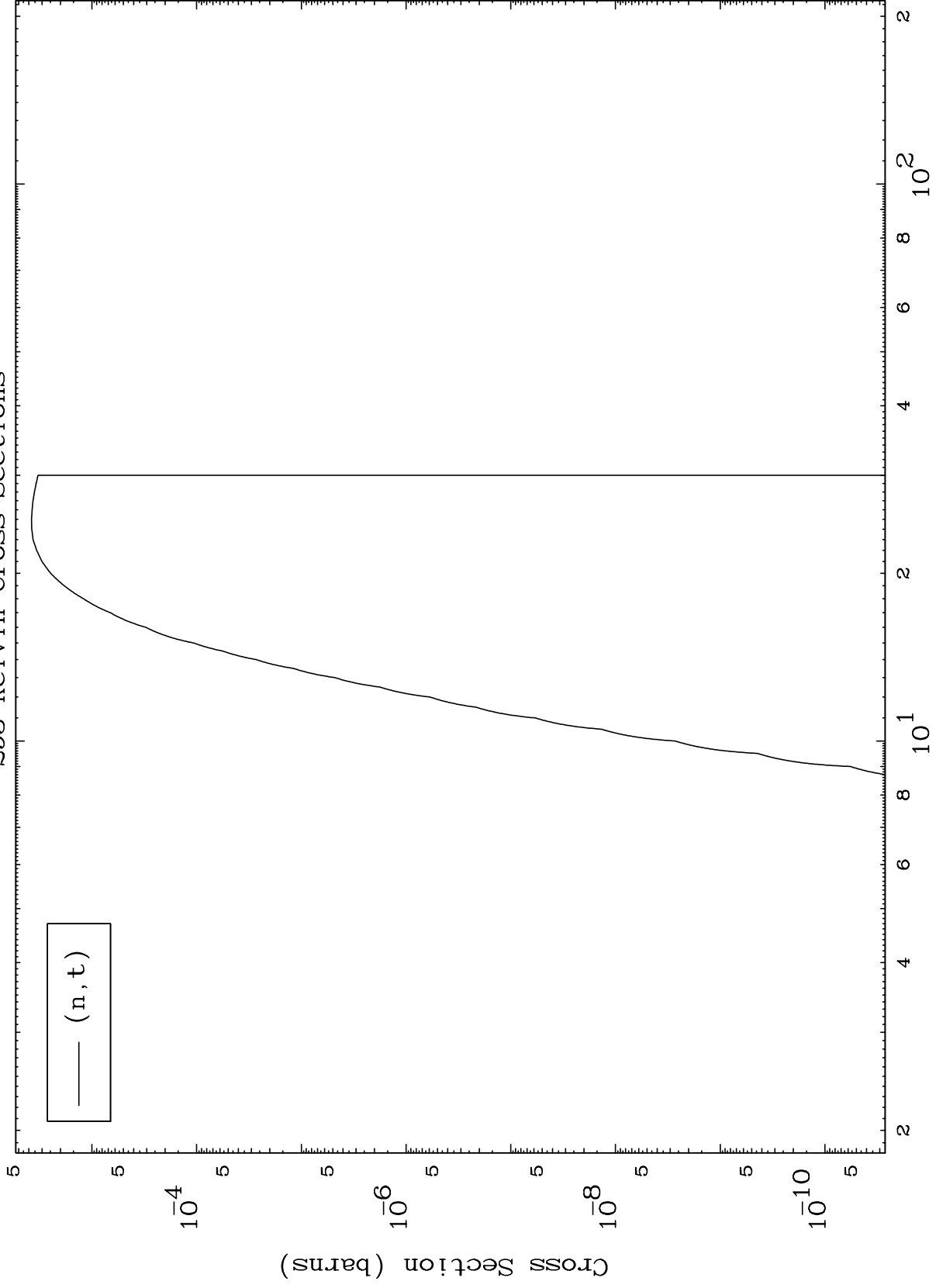
Incident Energy (MeV)

100-Fm-249

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(n,t) Levels
293 Kelvin Cross Sections

100-Fm-249



12

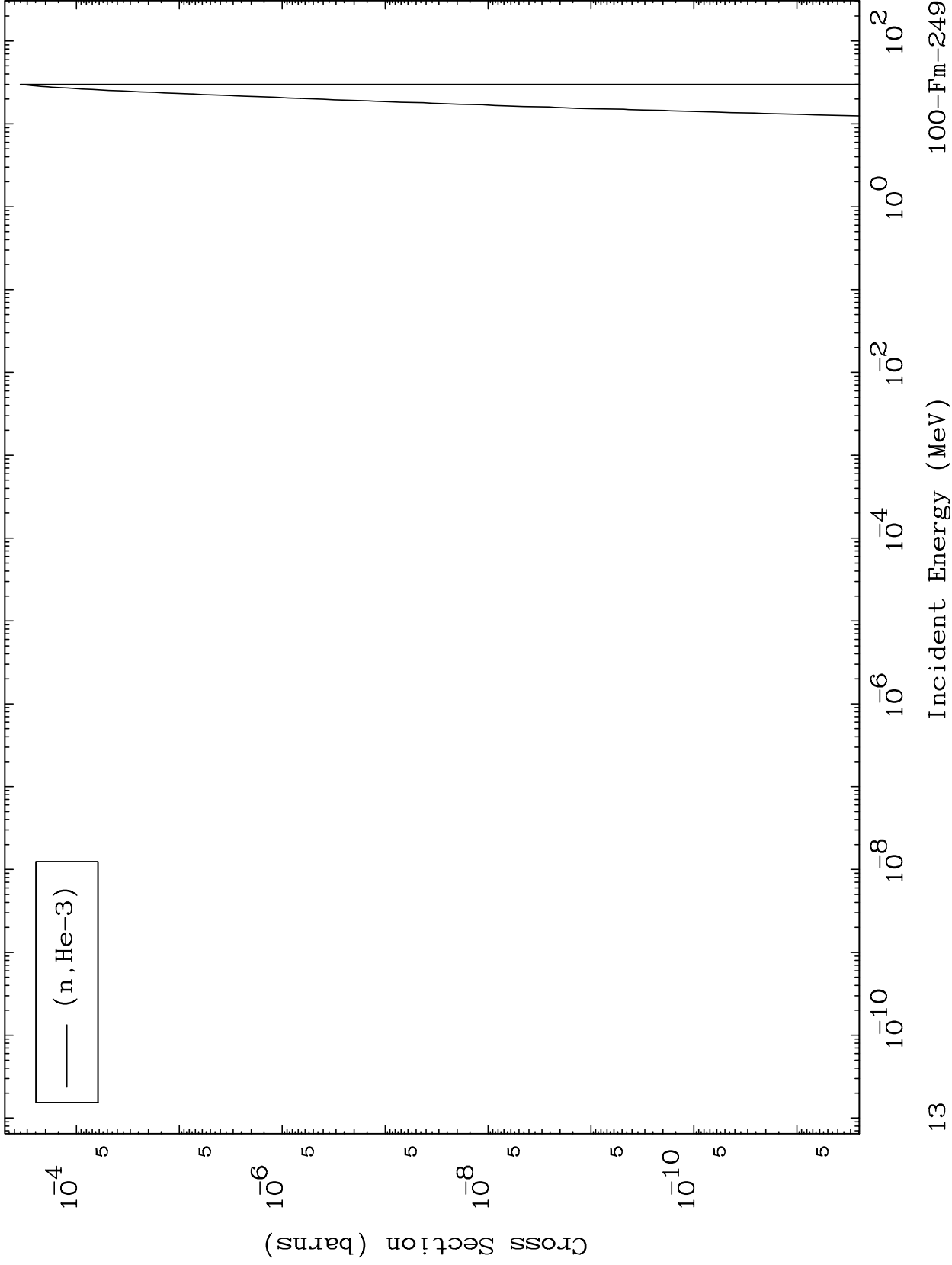
Incident Energy (MeV)

100-Fm-249

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(n,He3) Levels
293 Kelvin Cross Sections

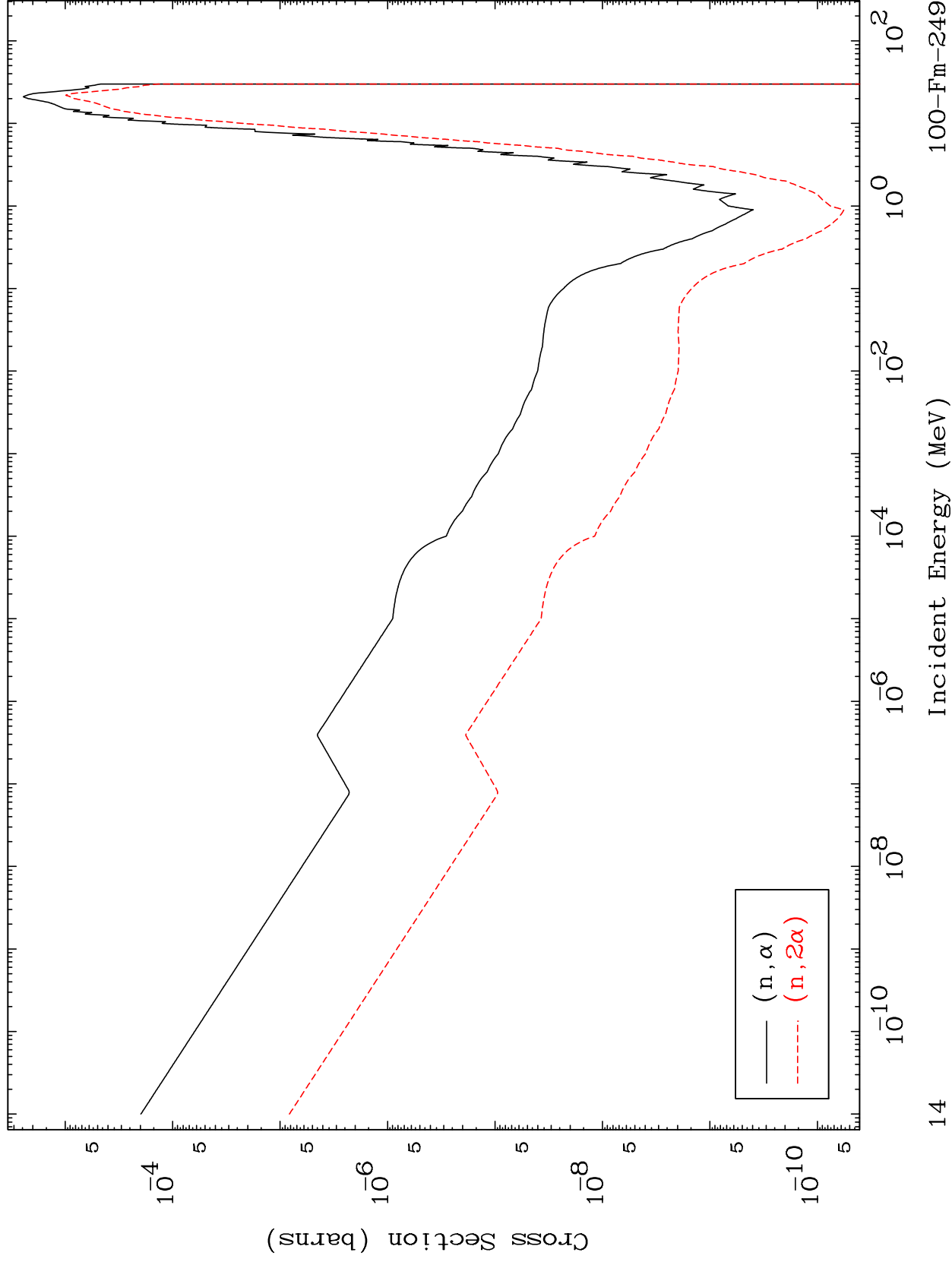
100-Fm-249



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(n, α) Levels
293 Kelvin Cross Sections

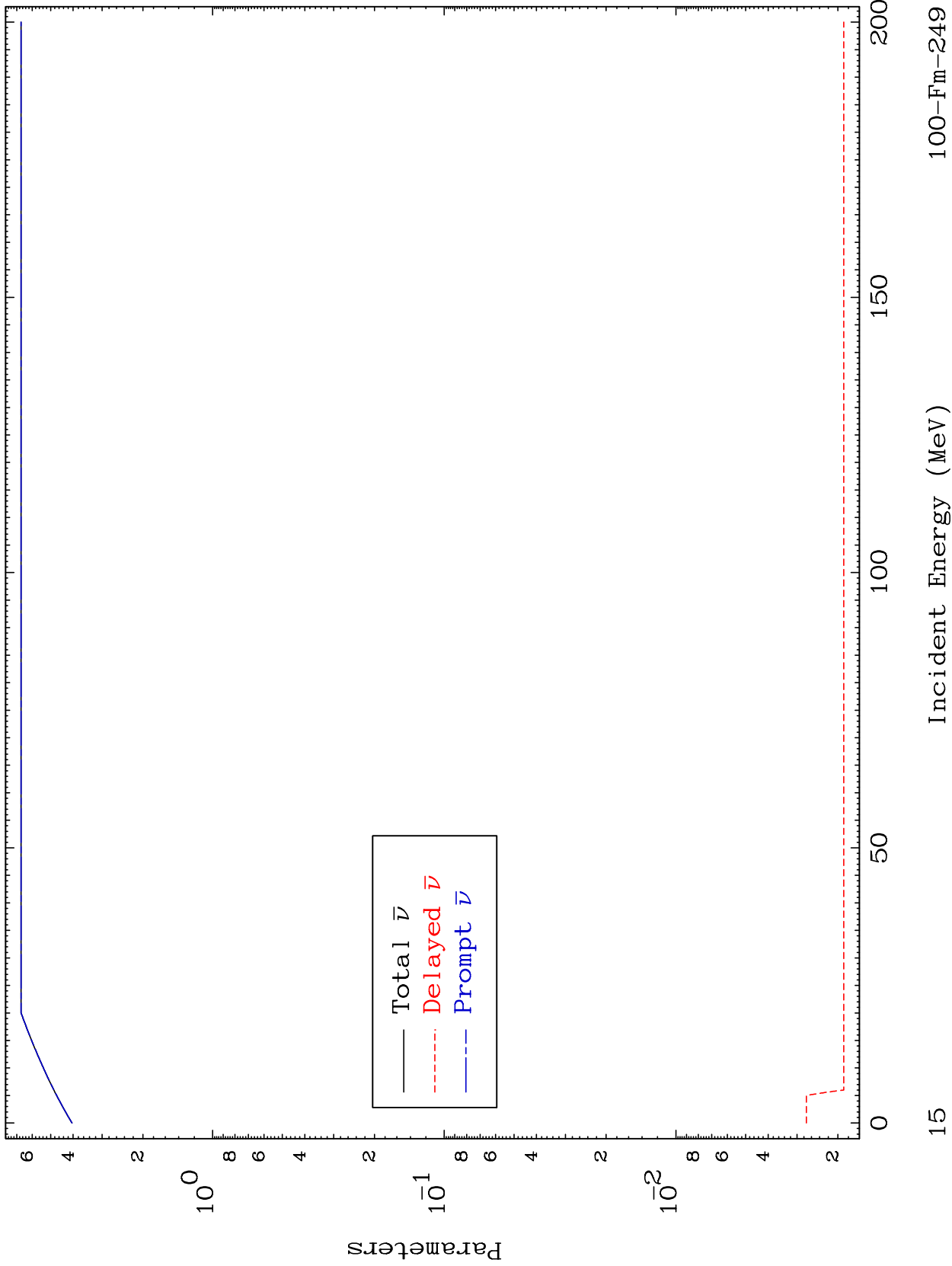
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Energy Release
Parameters

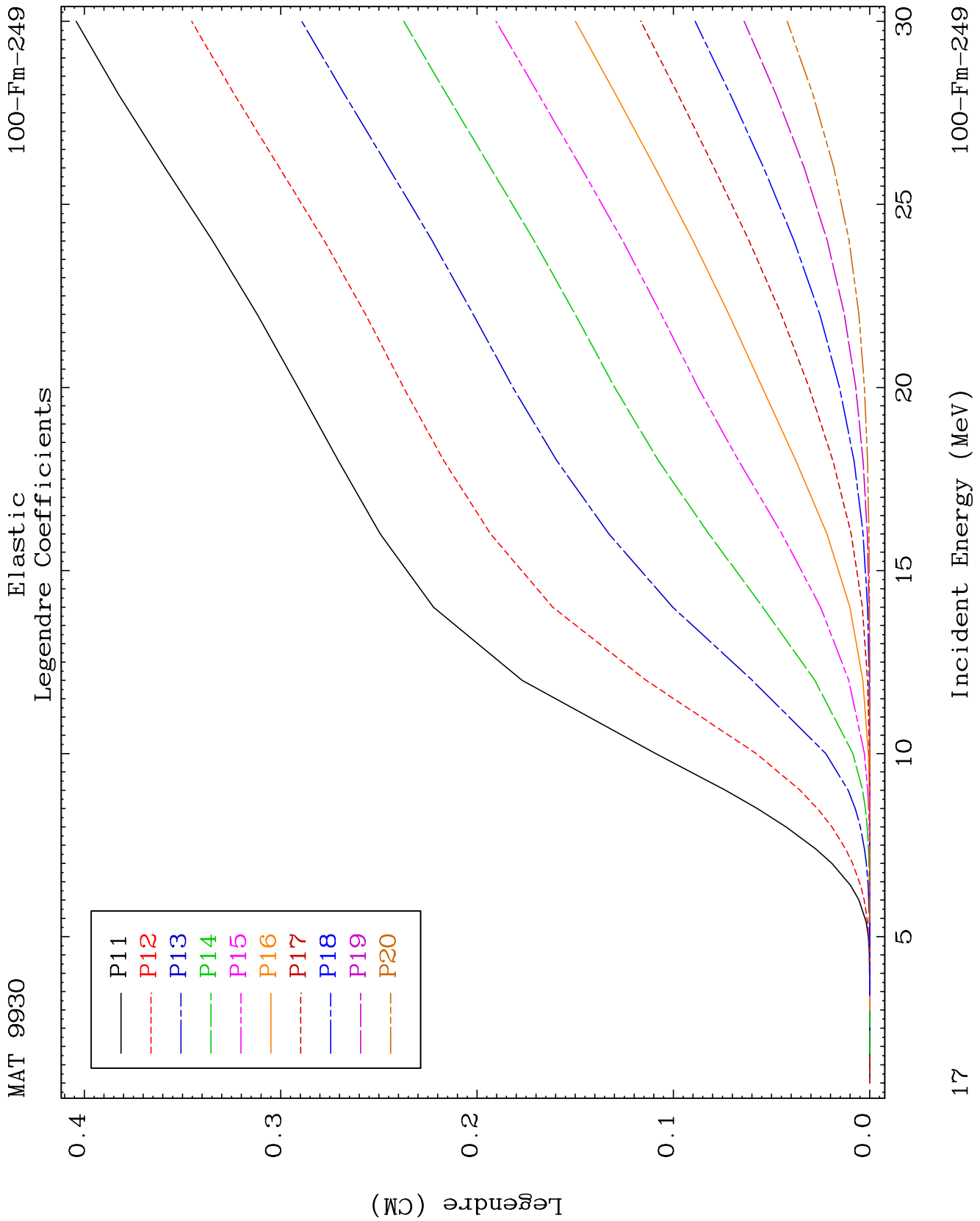
100-Fm-249



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Incident Energy (MeV)

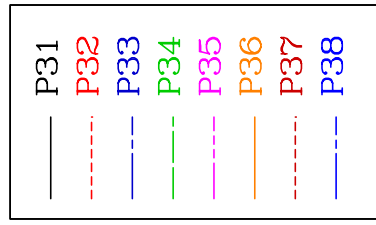
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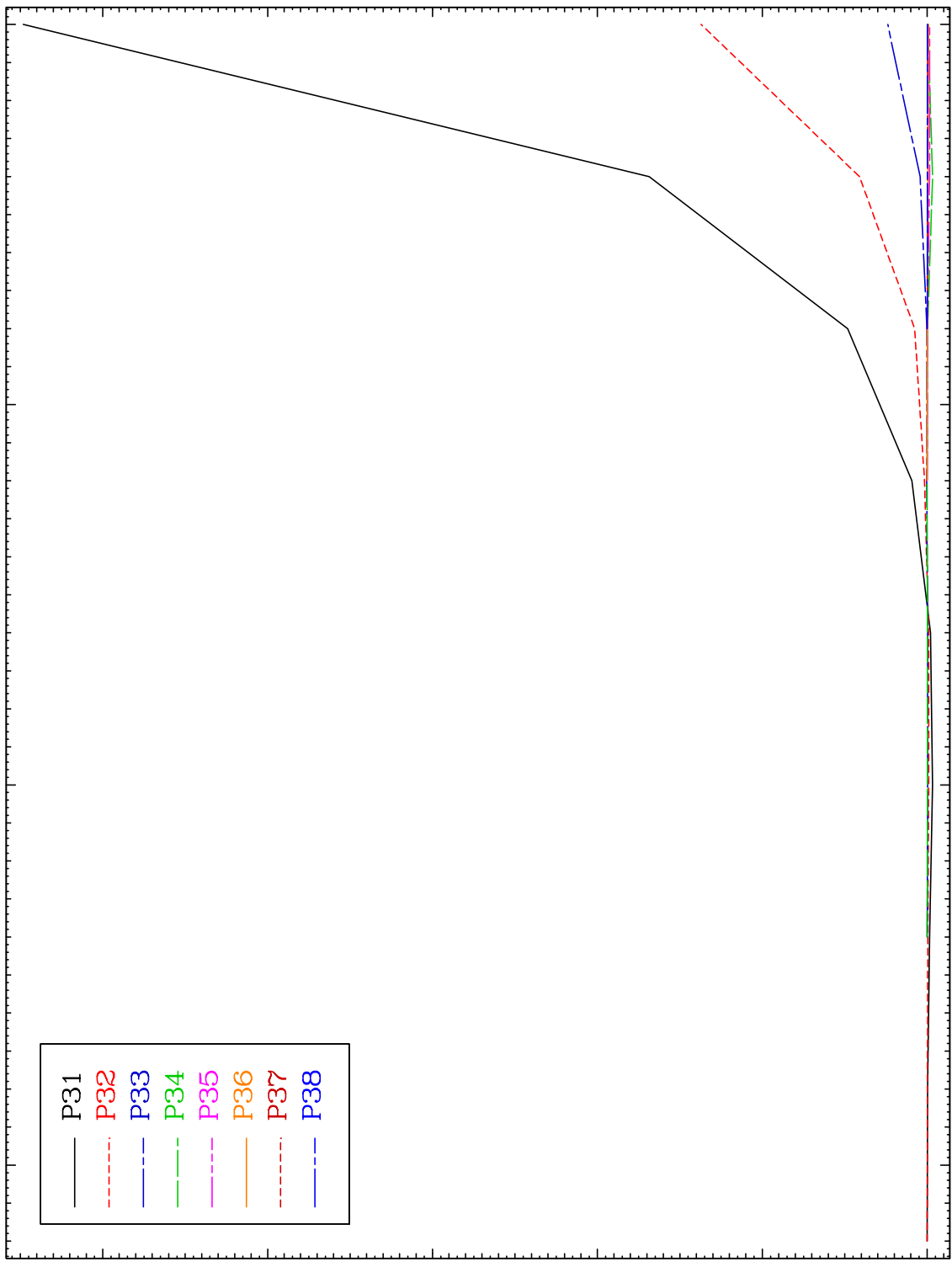
Elastic Legendre Coefficients

100-Fm-249



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

Legendre (CM)



19

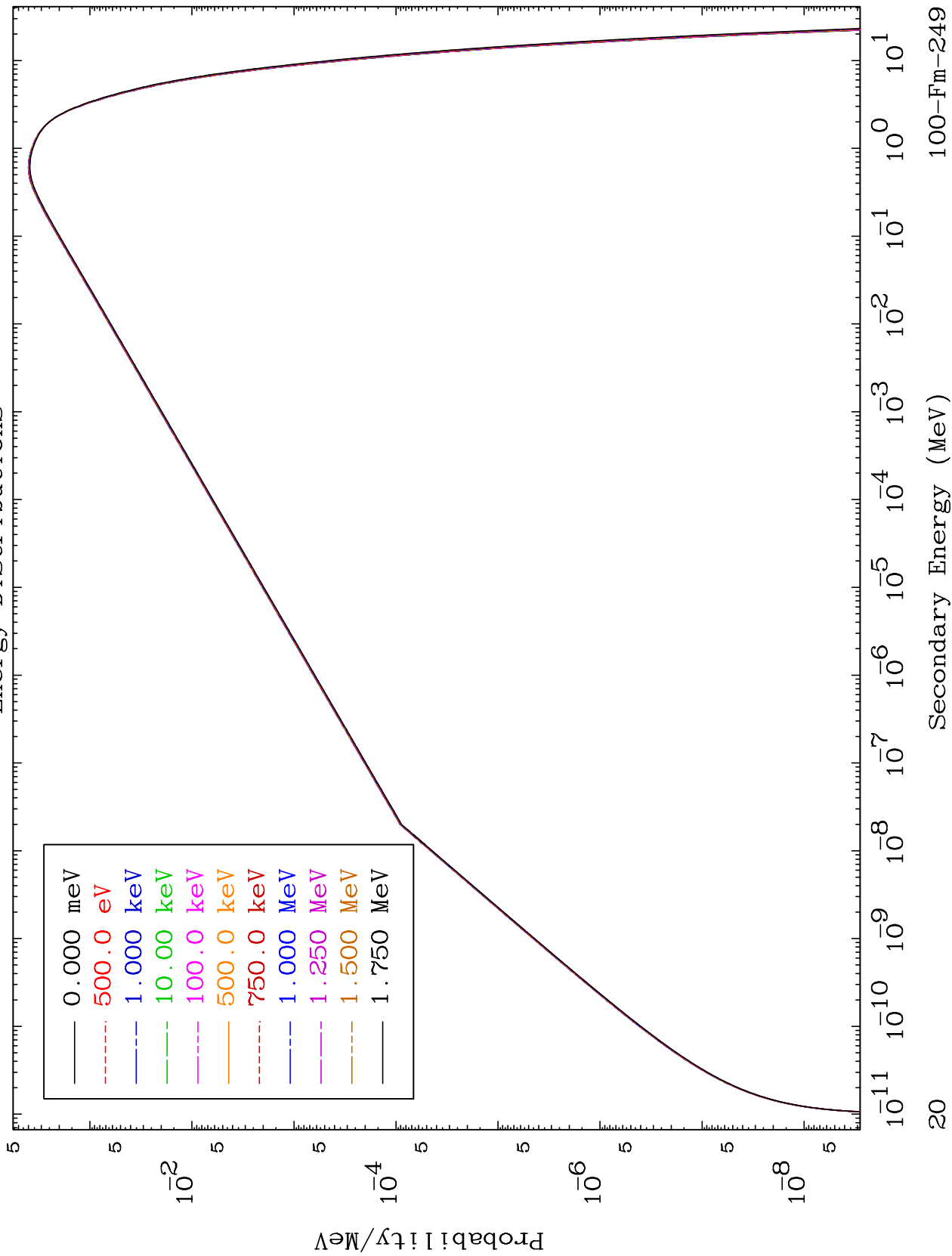
Incident Energy (MeV)

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Fission Energy Distributions

100-Fm-249



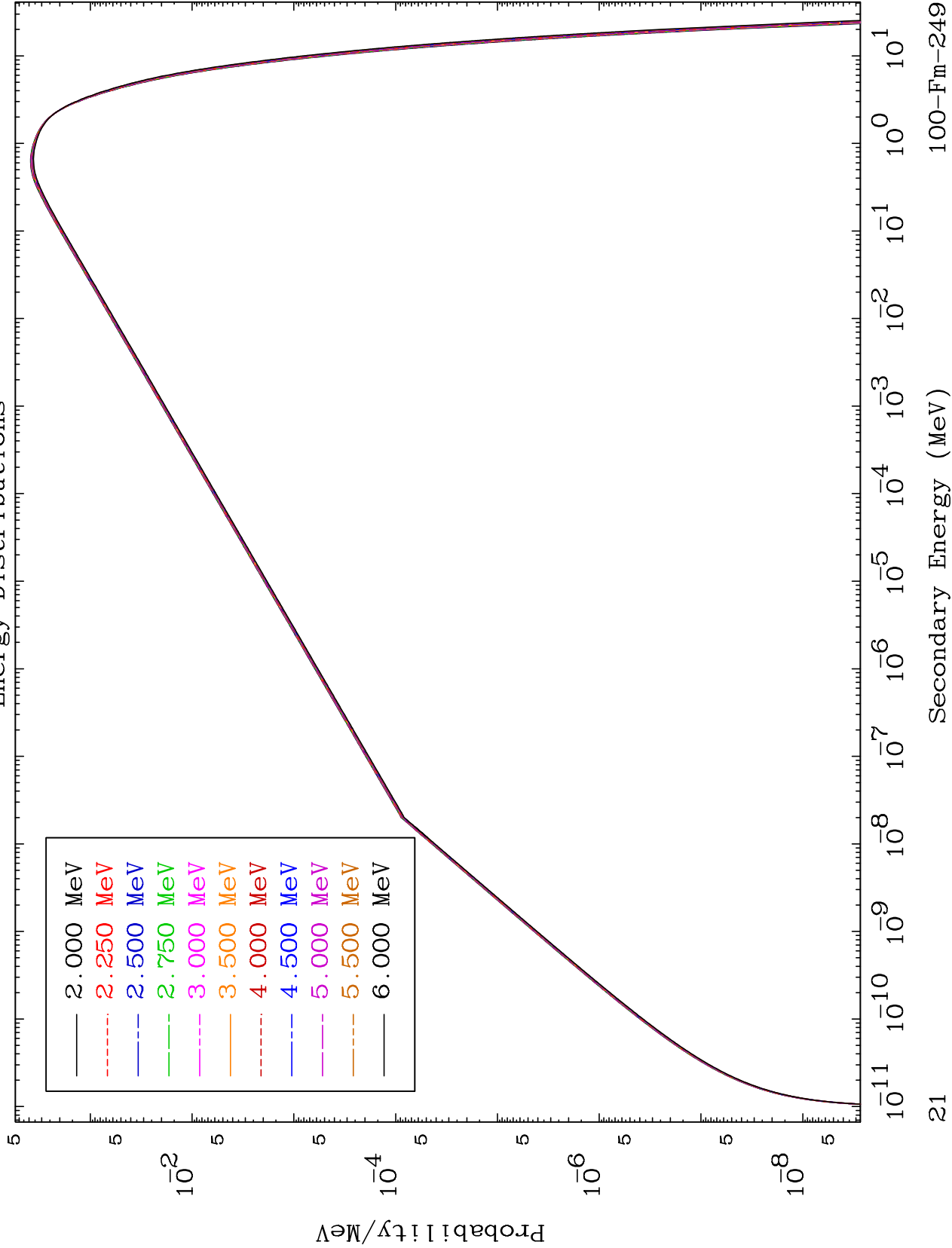
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Secondary Energy (MeV)

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Fission Energy Distributions

100-Fm-249

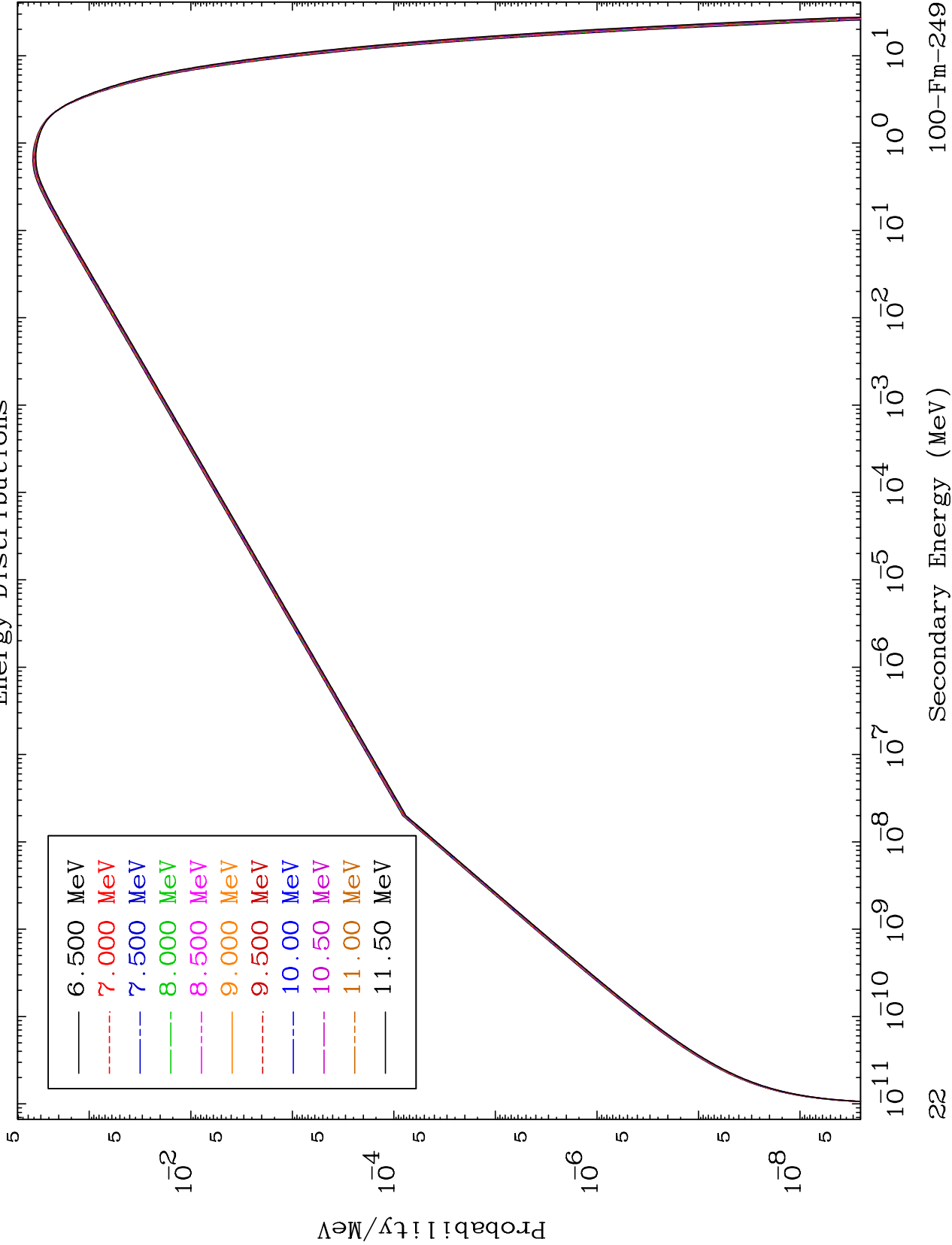


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Fission Energy Distributions

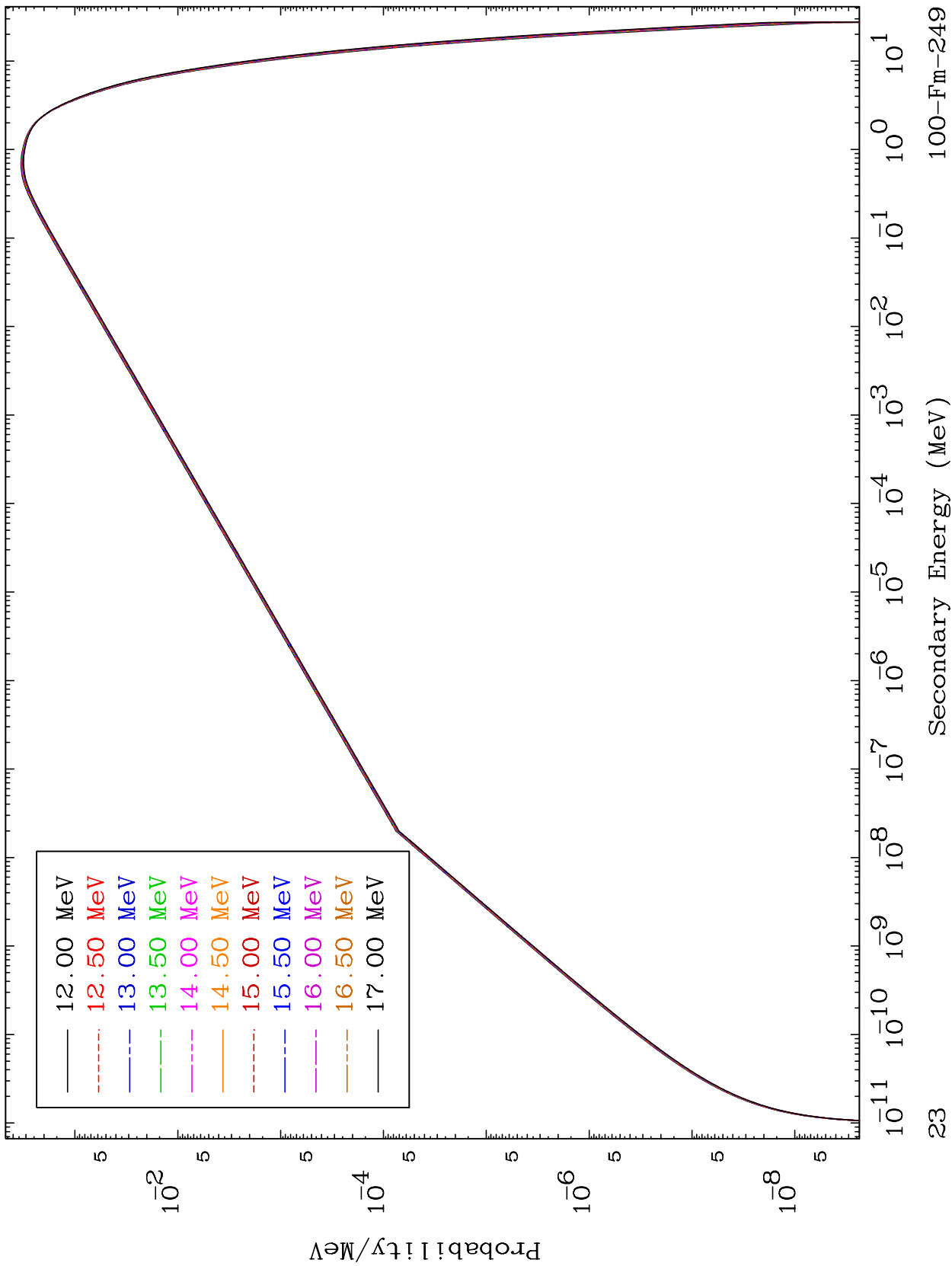
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Fission Energy Distributions

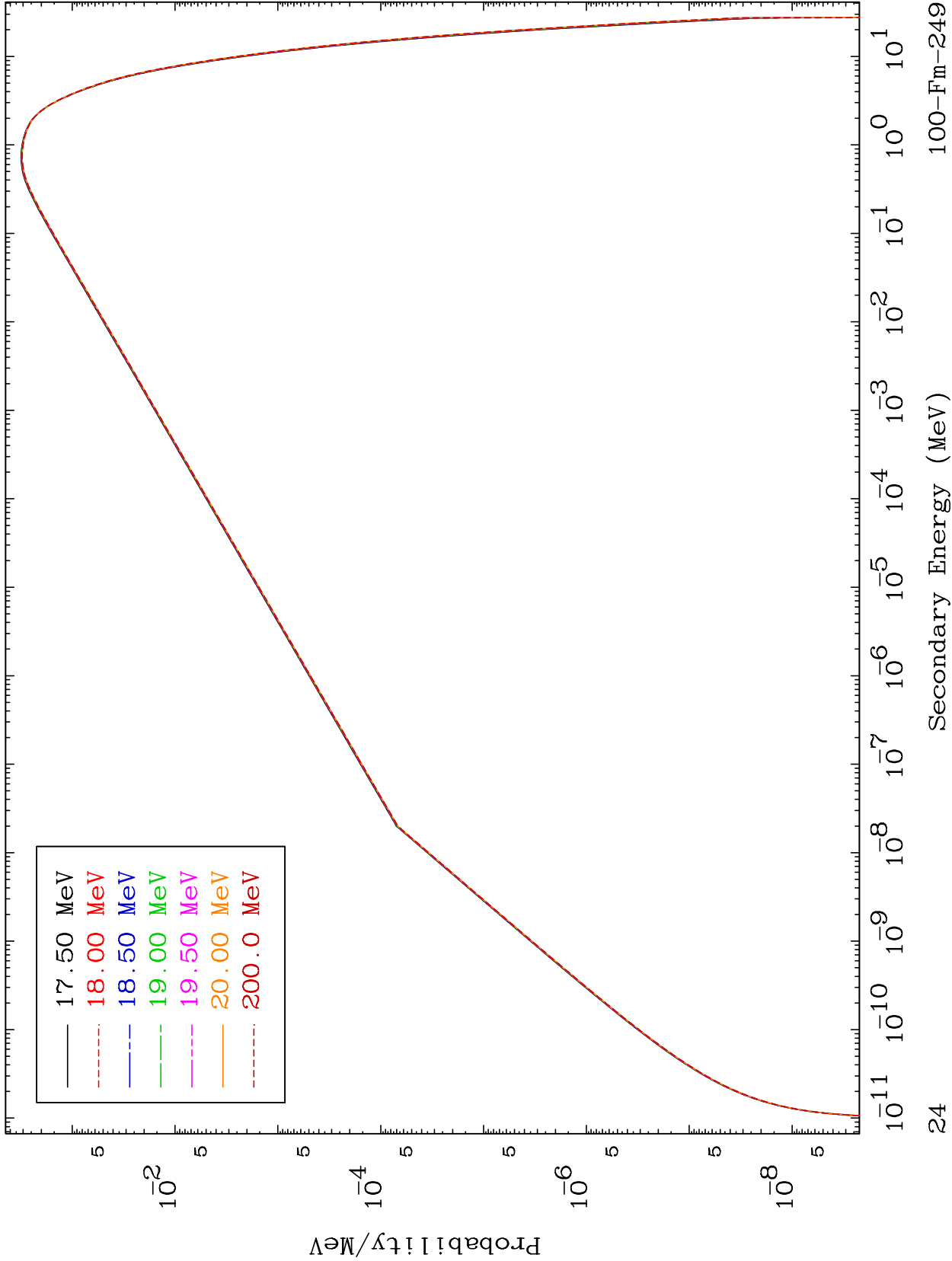
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Fission Energy Distributions

100-Fm-249

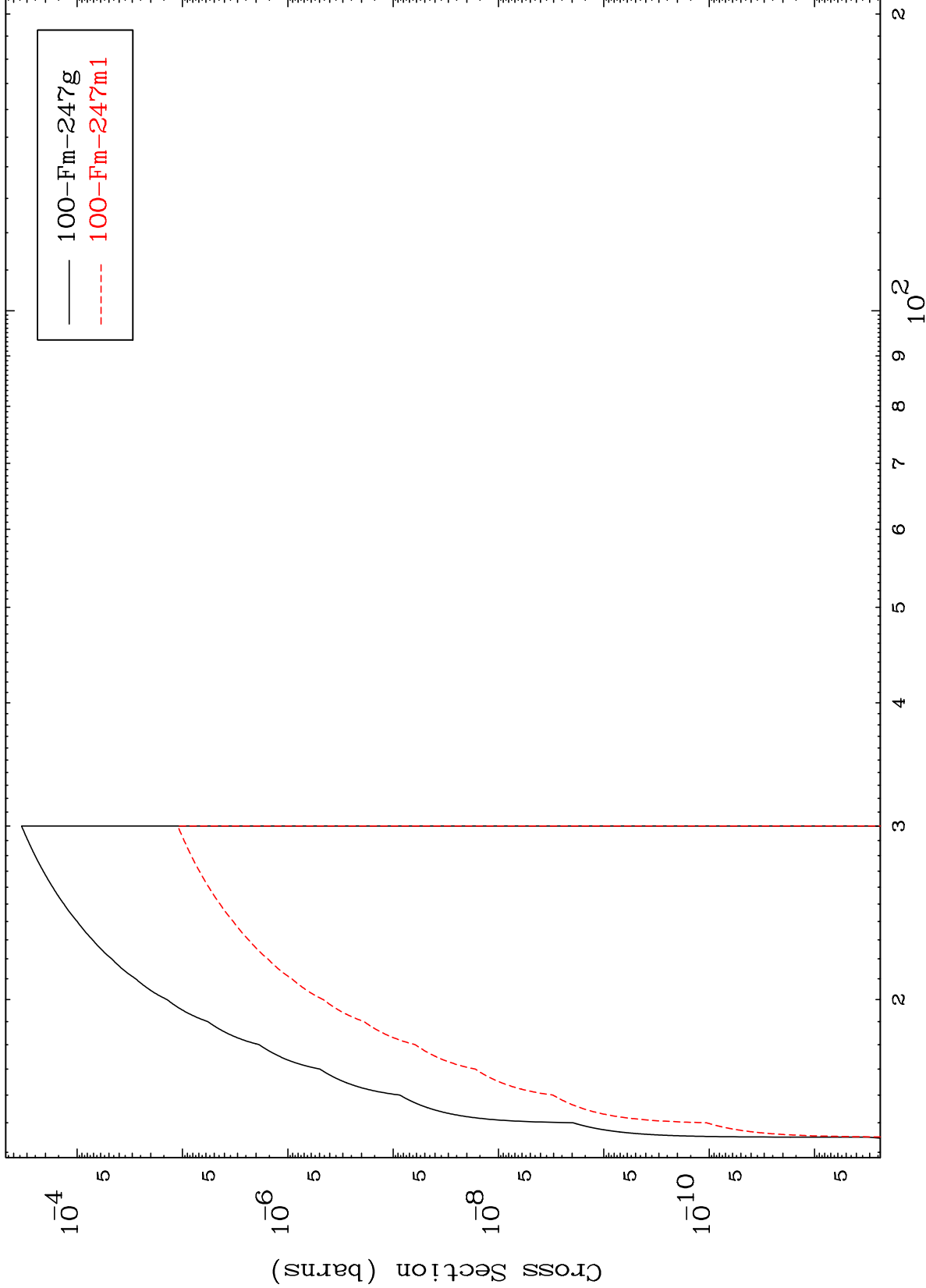


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(n,3n)

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Radionuclide Production Cross Section



25

Incident Energy (MeV)

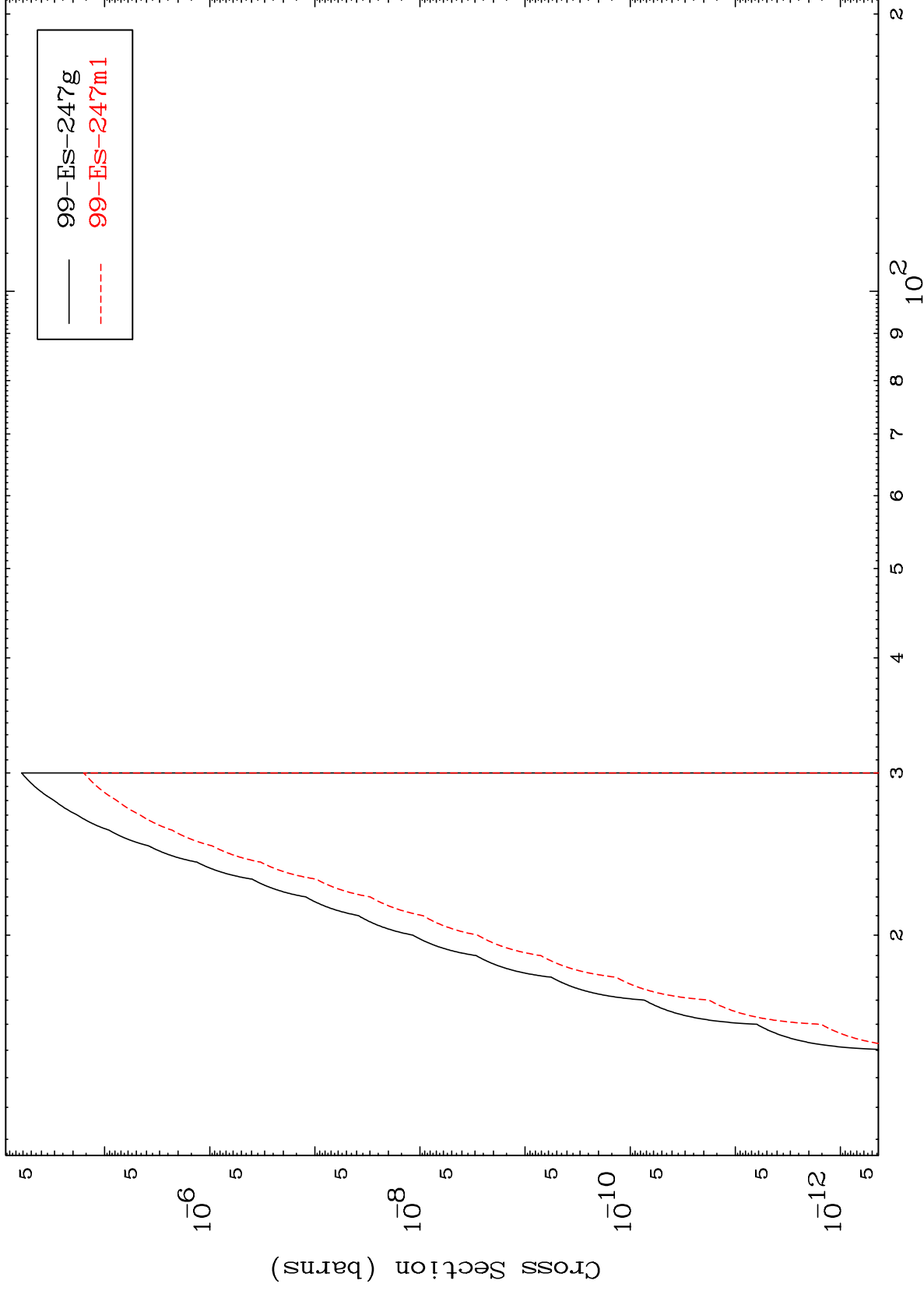
100-Fm-249

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(n,n') d

100-Fm-249

Radionuclide Production Cross Section



26

Incident Energy (MeV)

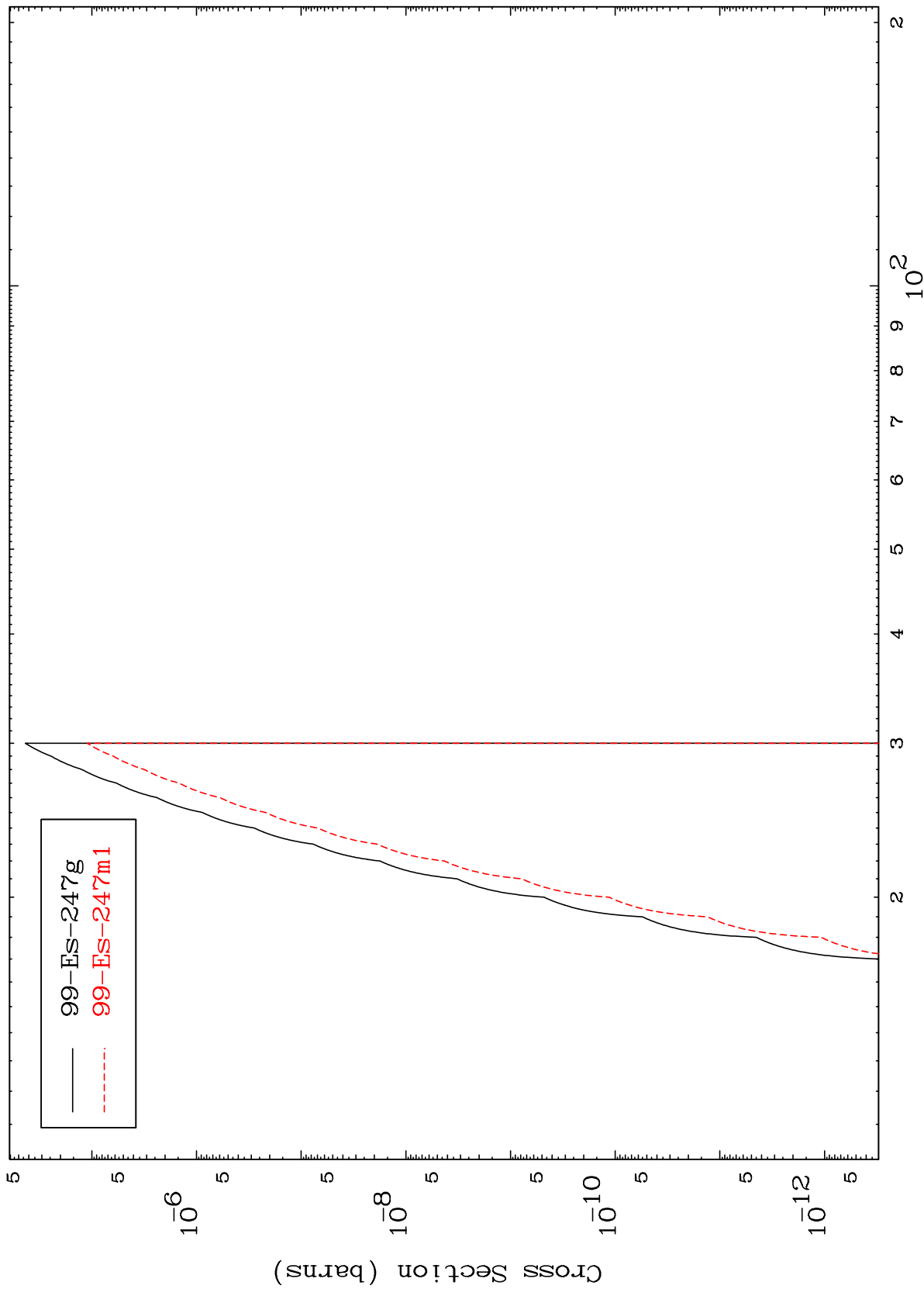
100-Fm-249

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(n,2n) p

100-Fm-249

Radionuclide Production Cross Section



27

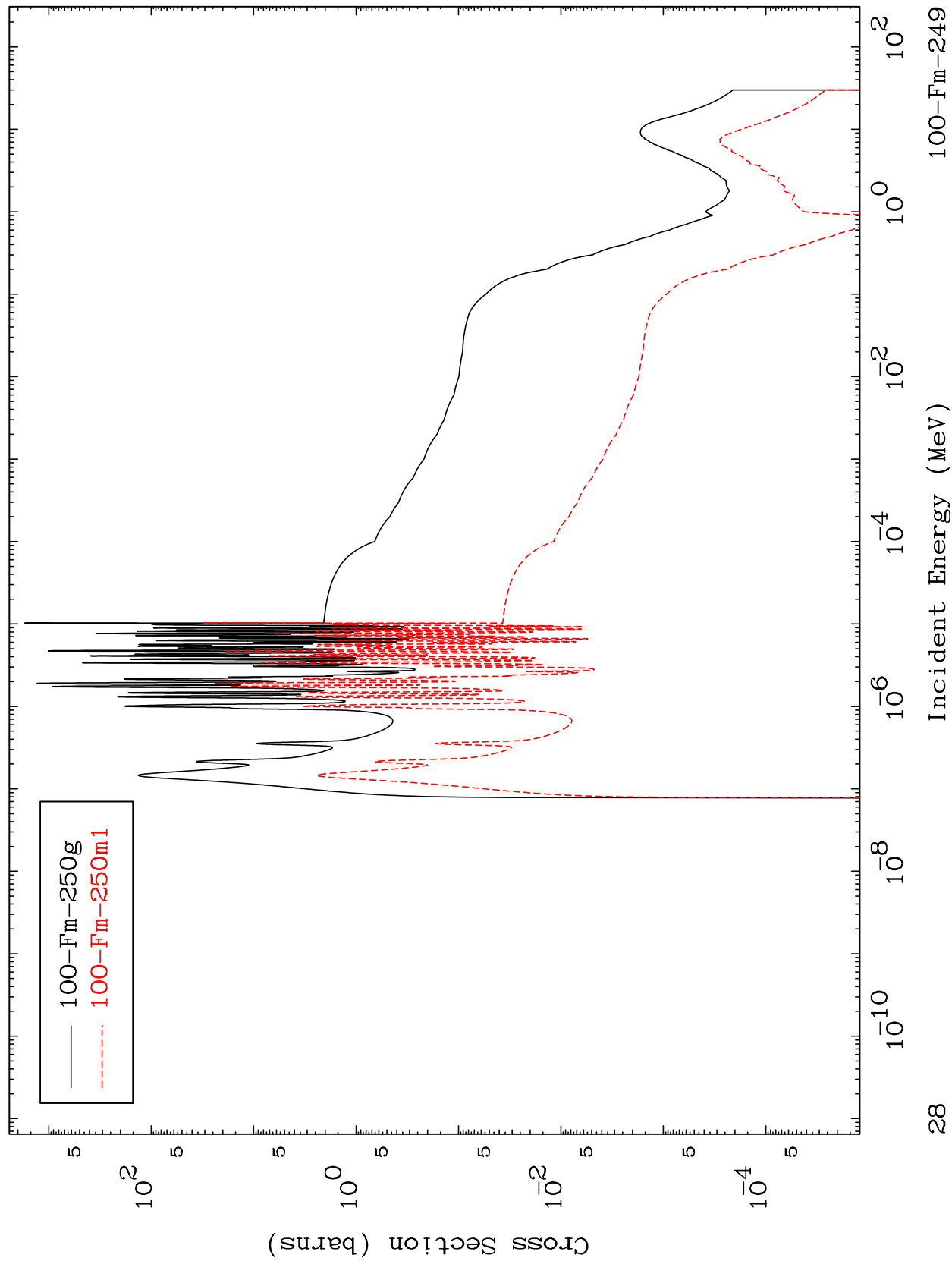
Incident Energy (MeV)

100-Fm-249

MAT 9930

100-Fm-249

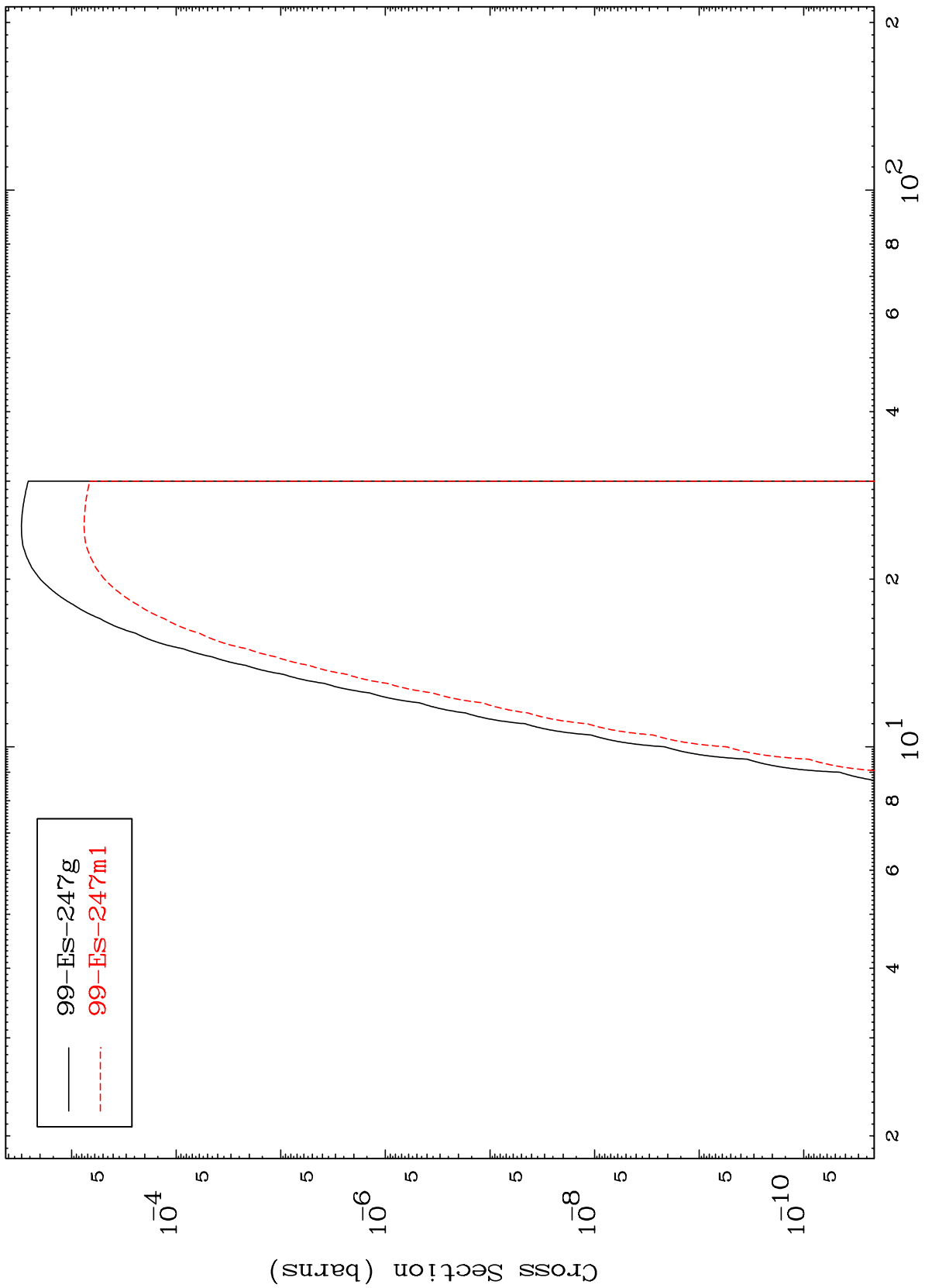
Radionuclide Production Cross Section
(n, γ)



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100-Fm-249

(n, t)
Radionuclide Production Cross Section



29

100-Fm-249

Incident Energy (MeV)