

Program EVALPLOT
(Version 2021-1)

by

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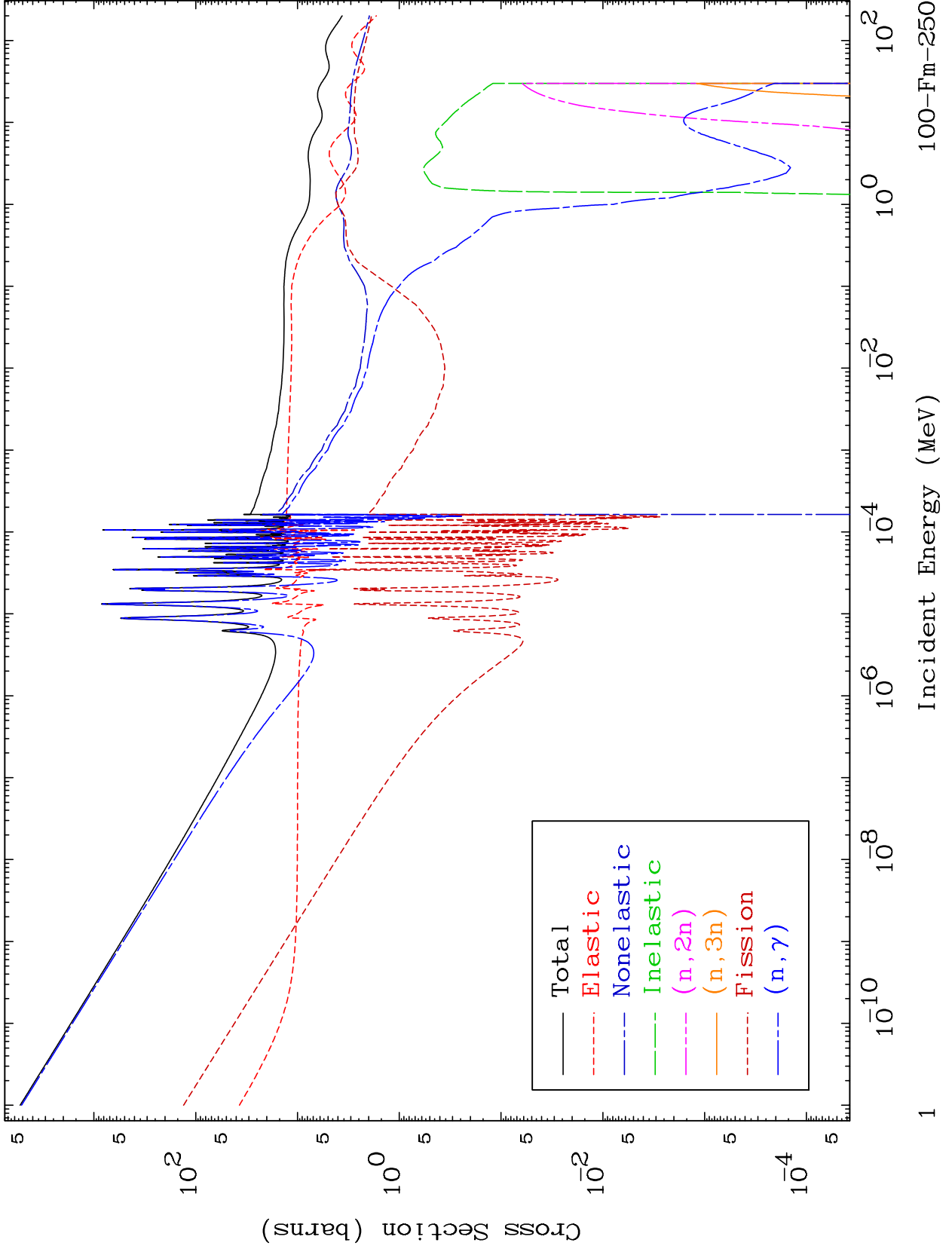
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9931

Neutron Major
293 Kelvin Cross Sections

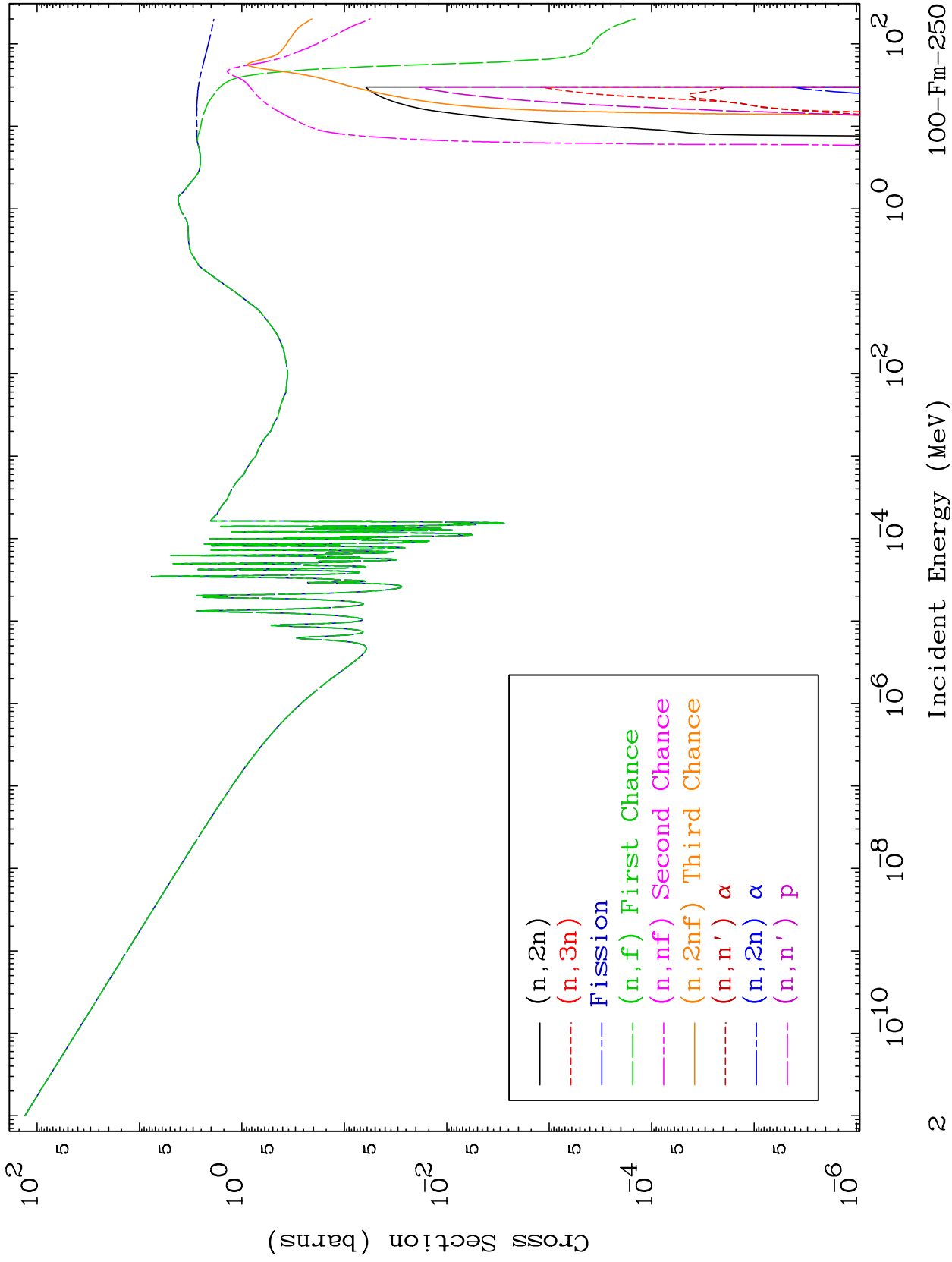
100-Fm-250



MAT 9931

Neutron Absorption
293 Kelvin Cross Sections

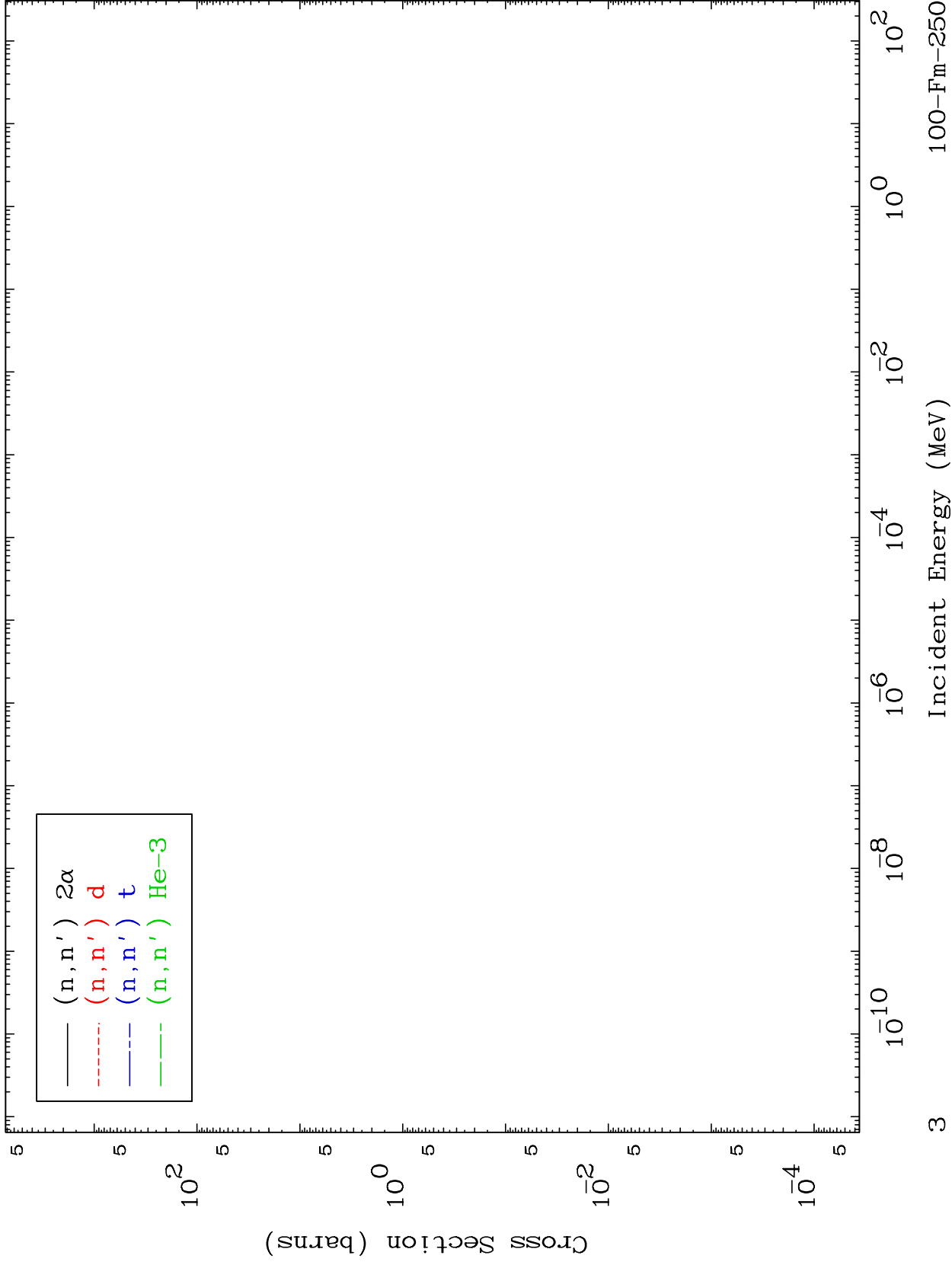
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Neutron Absorption
293 Kelvin Cross Sections

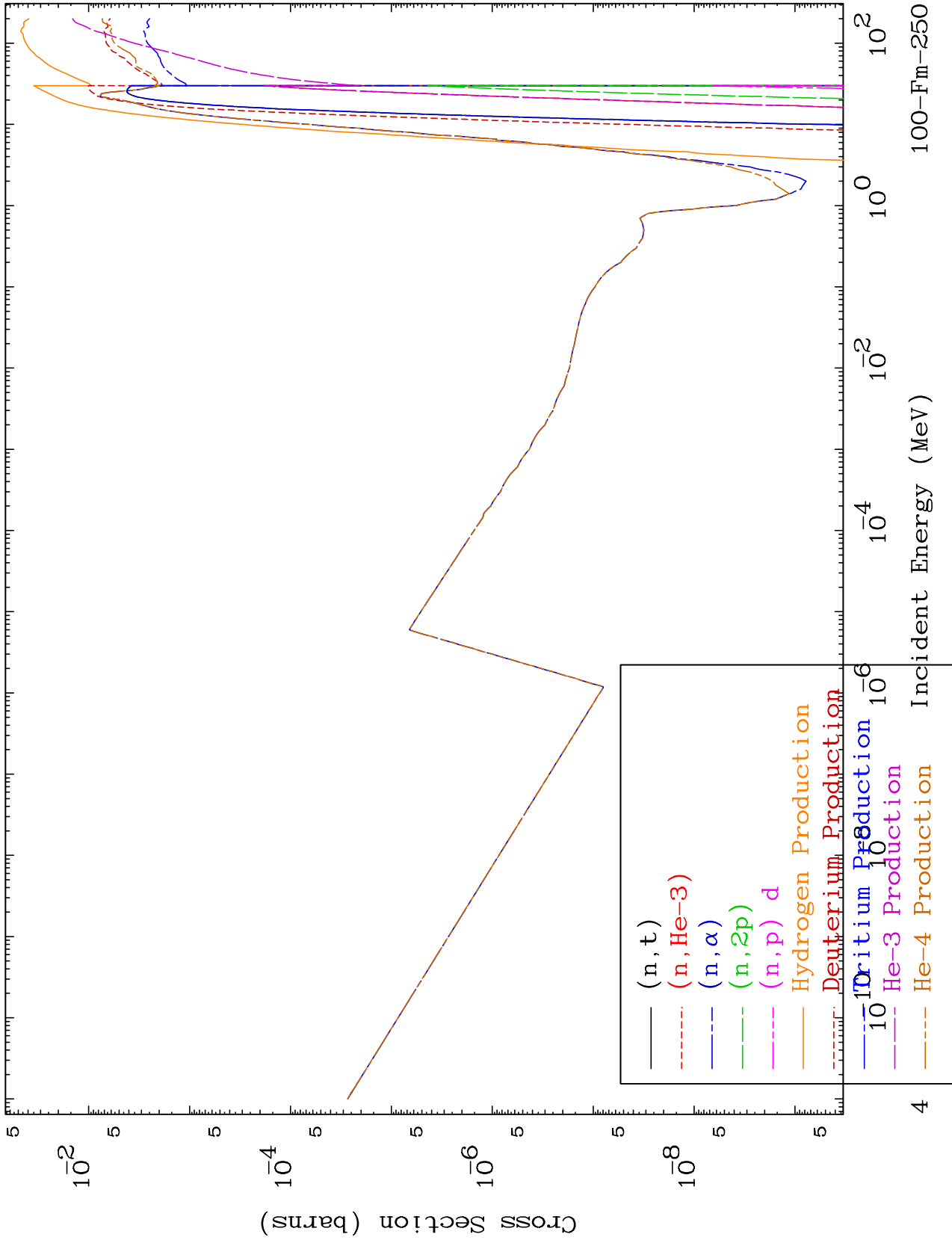
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Neutron Absorption
293 Kelvin Cross Sections

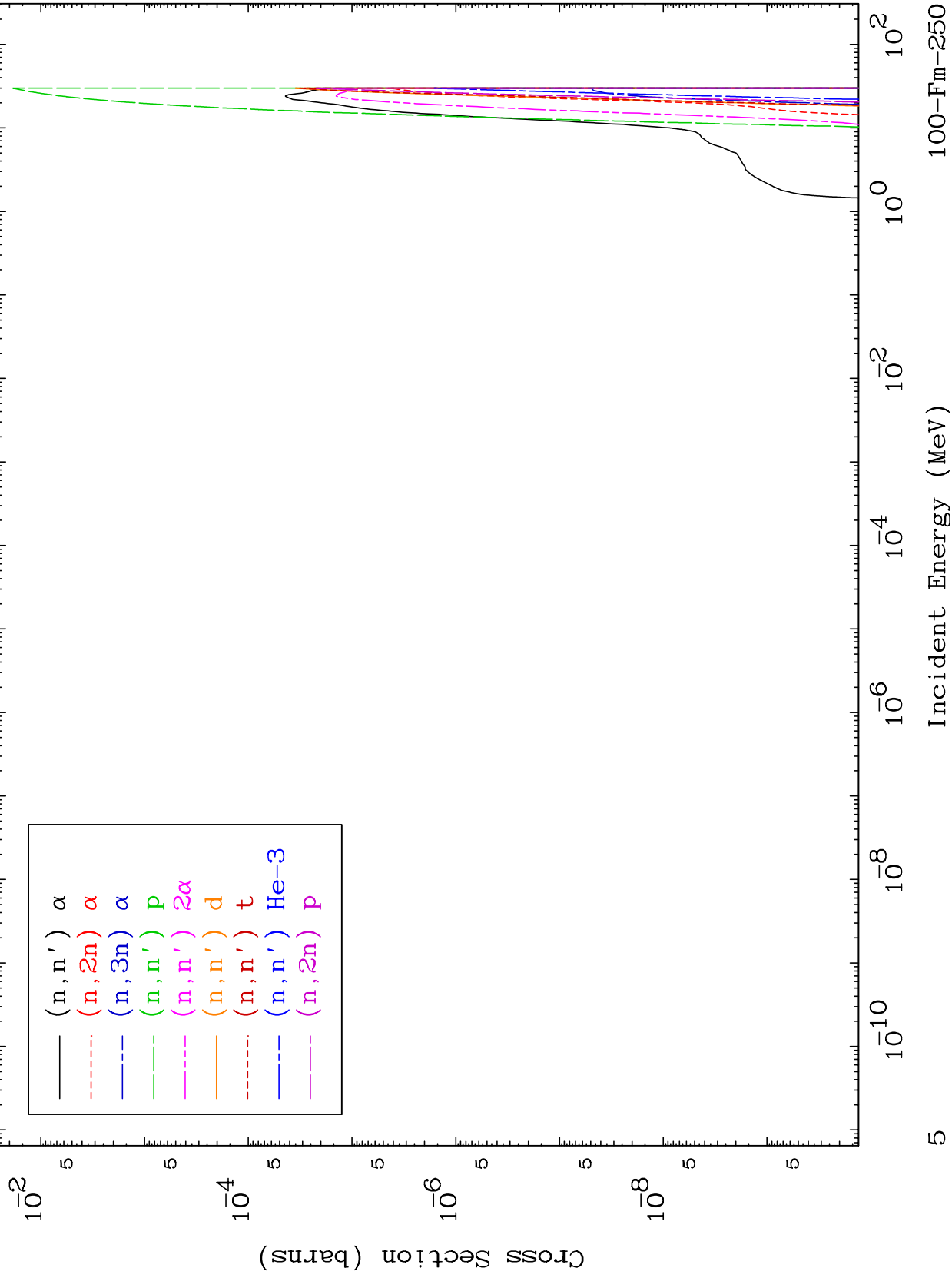
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Charged Particle
293 Kelvin Cross Sections

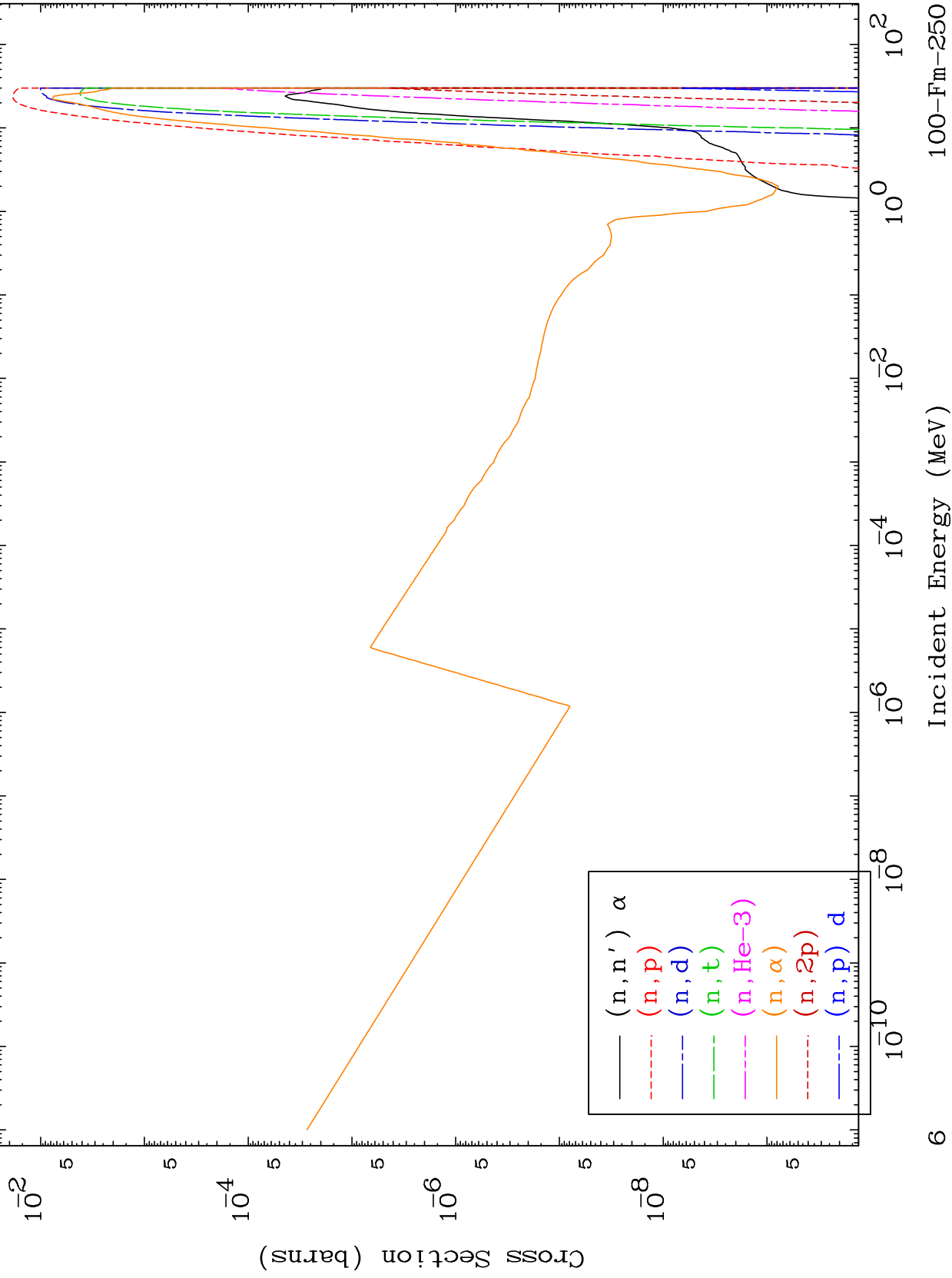
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Charged Particle
293 Kelvin Cross Sections

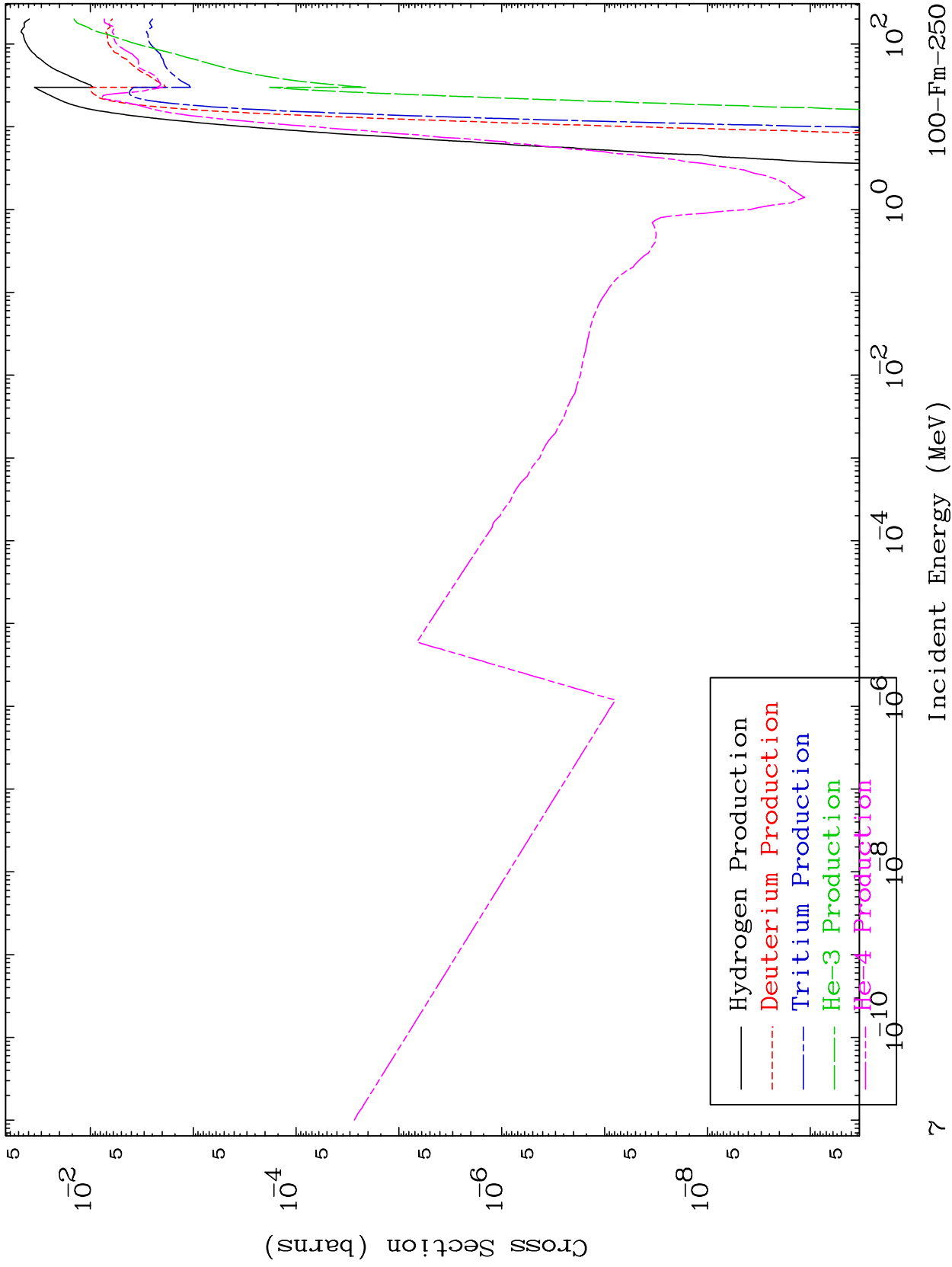
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Particle Production
293 Kelvin Cross Sections

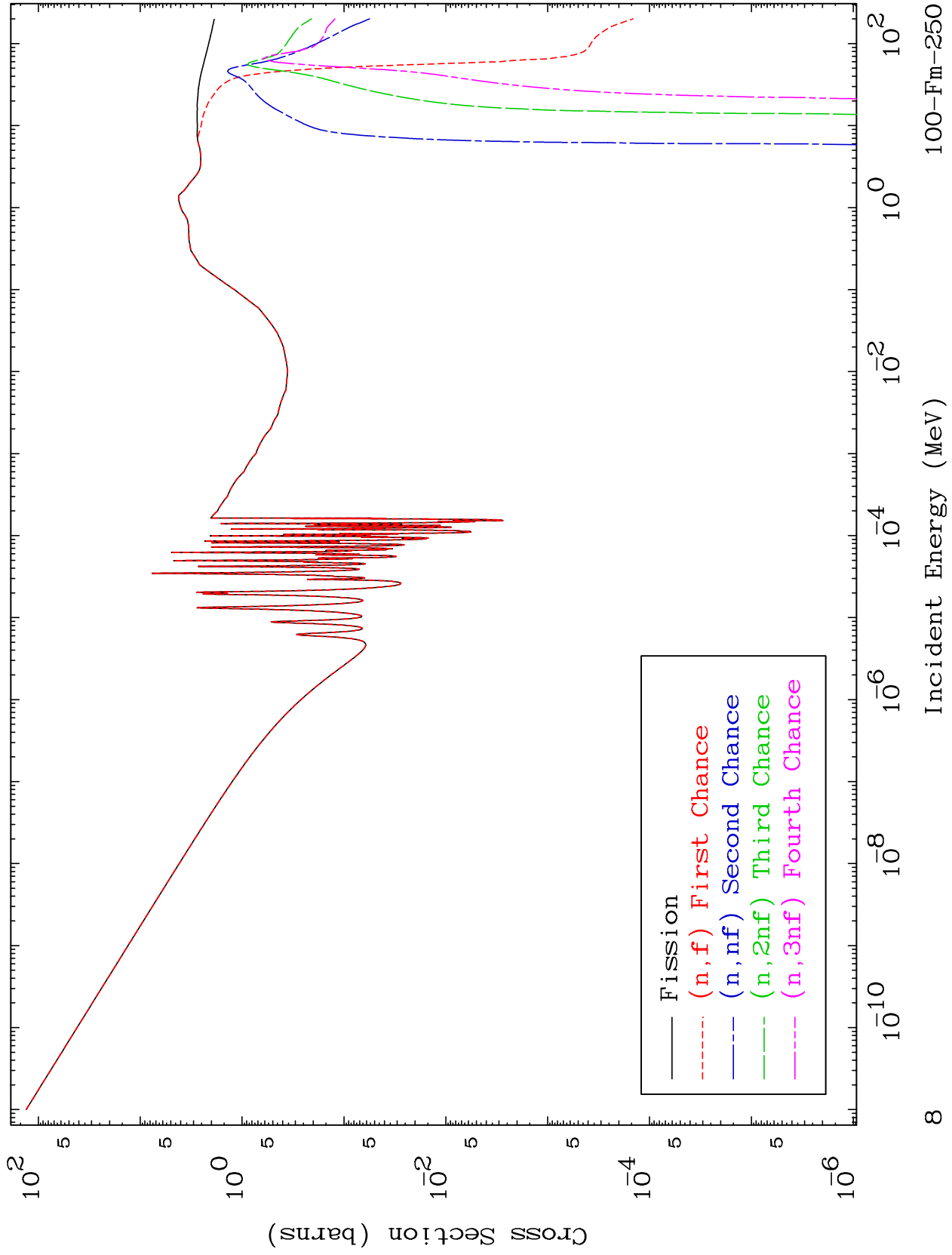
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Fission
293 Kelvin Cross Sections

100-Fm-250

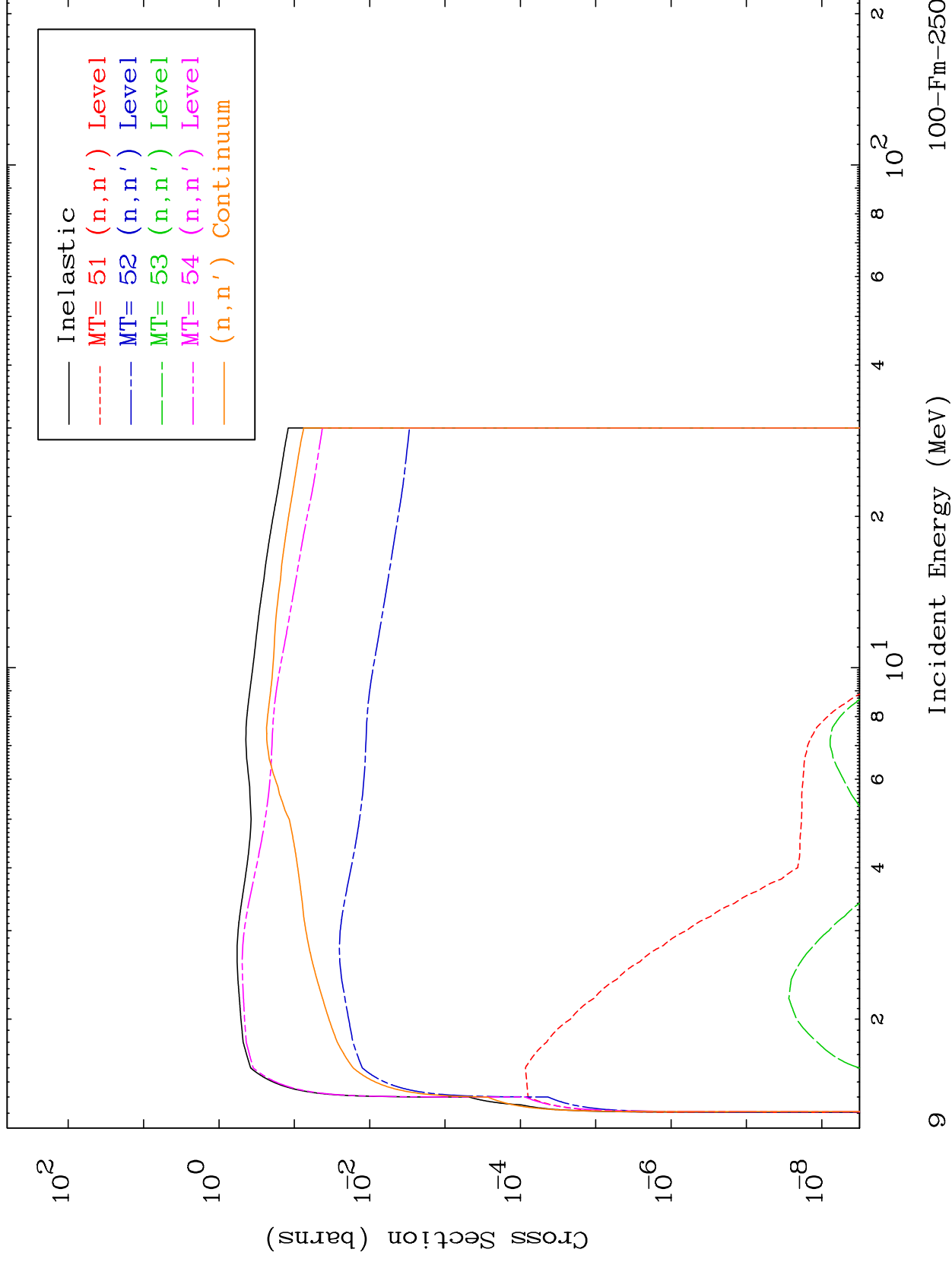


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(n,n') Levels

293 Kelvin Cross Sections

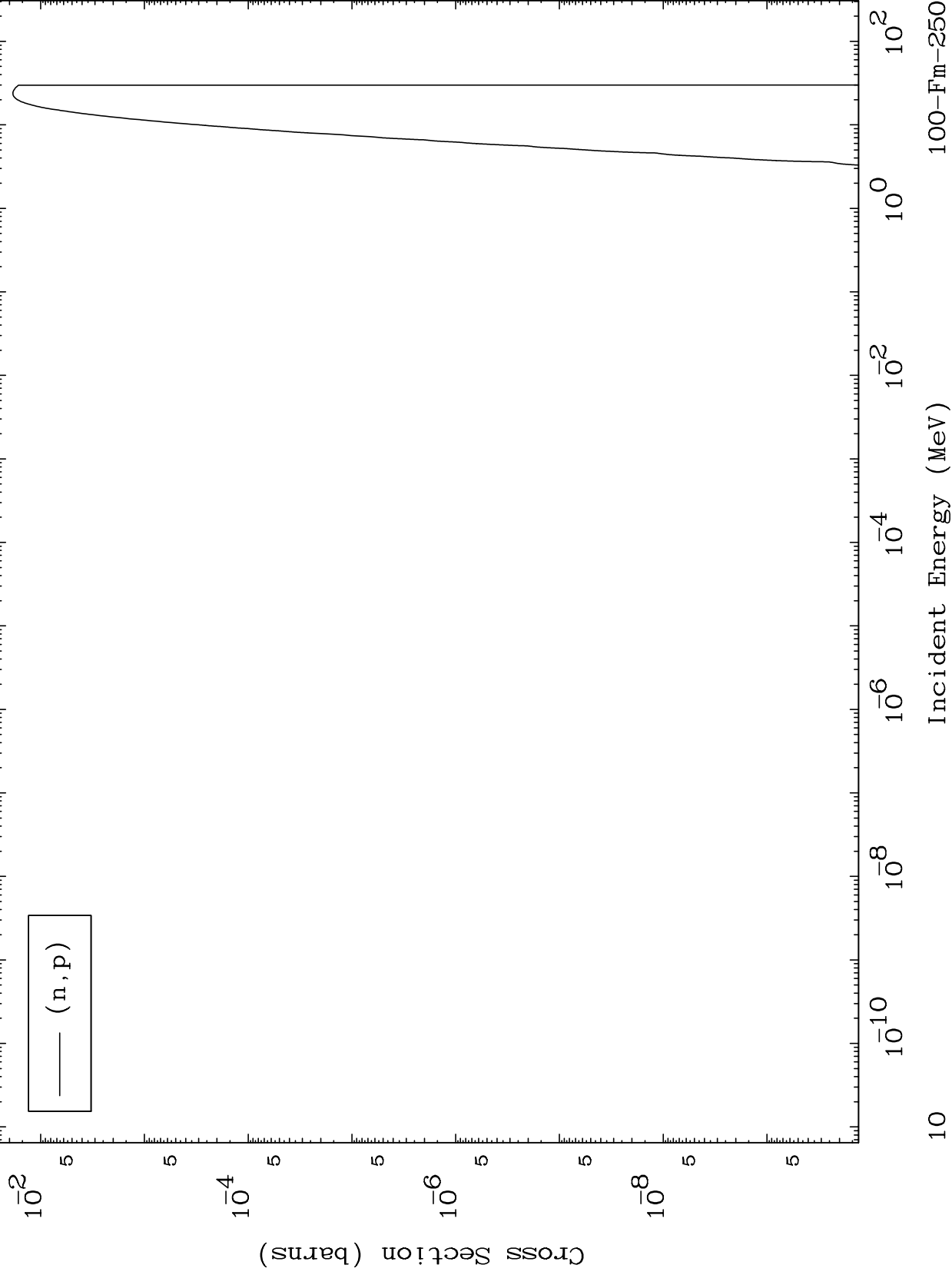
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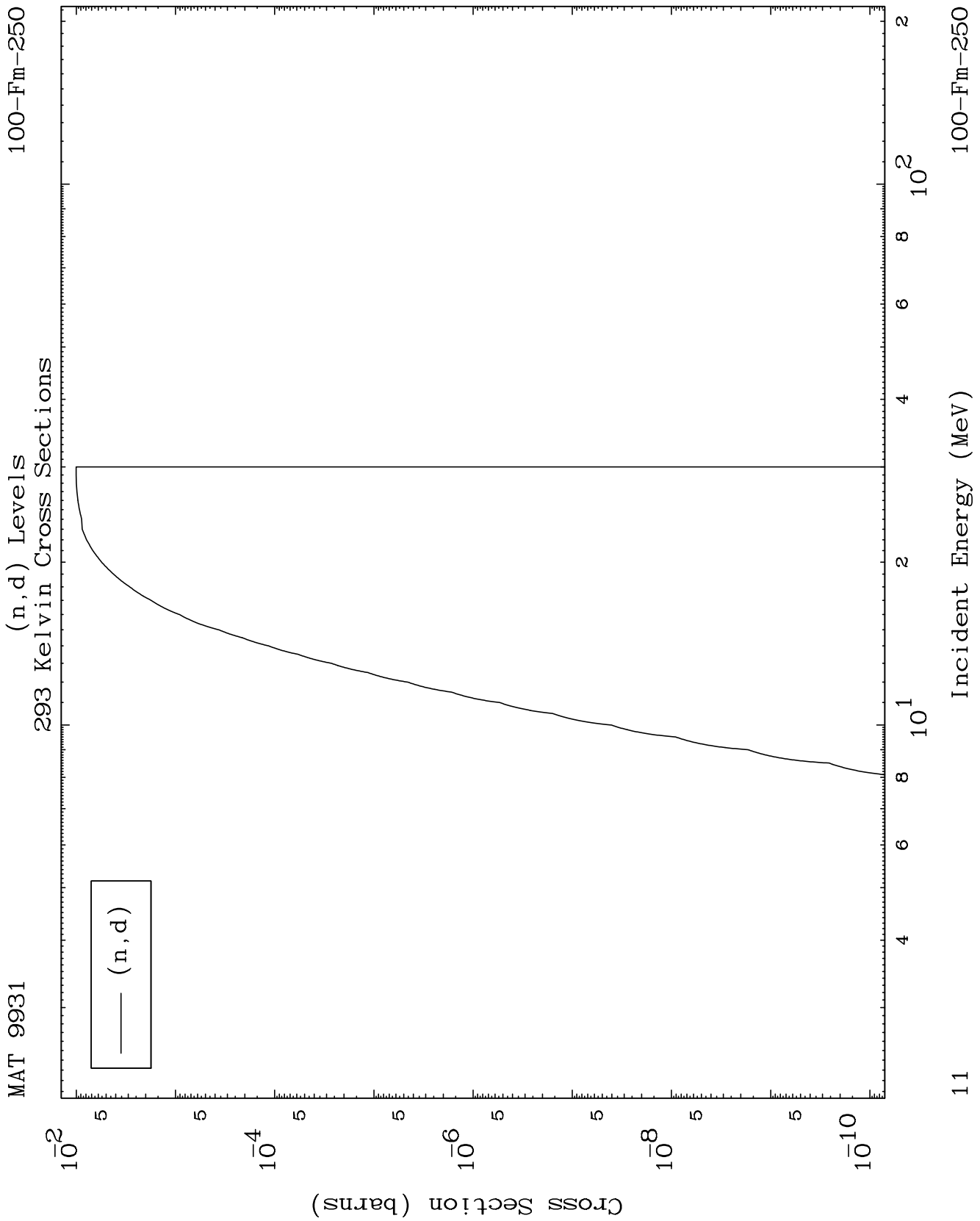


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(n,p) Levels
293 Kelvin Cross Sections

100-Fm-250

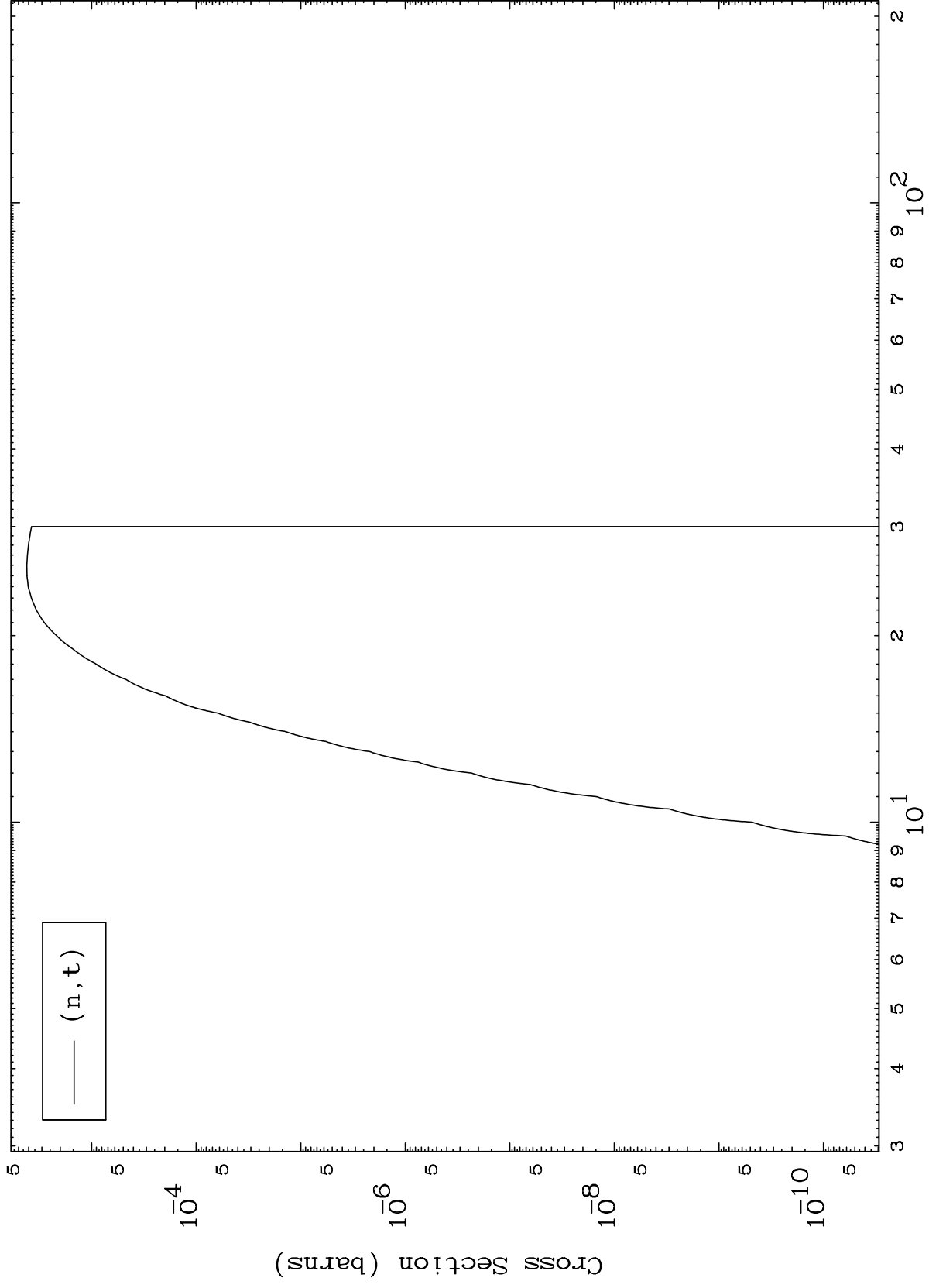




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(n,t) Levels
293 Kelvin Cross Sections

100-Fm-250



12

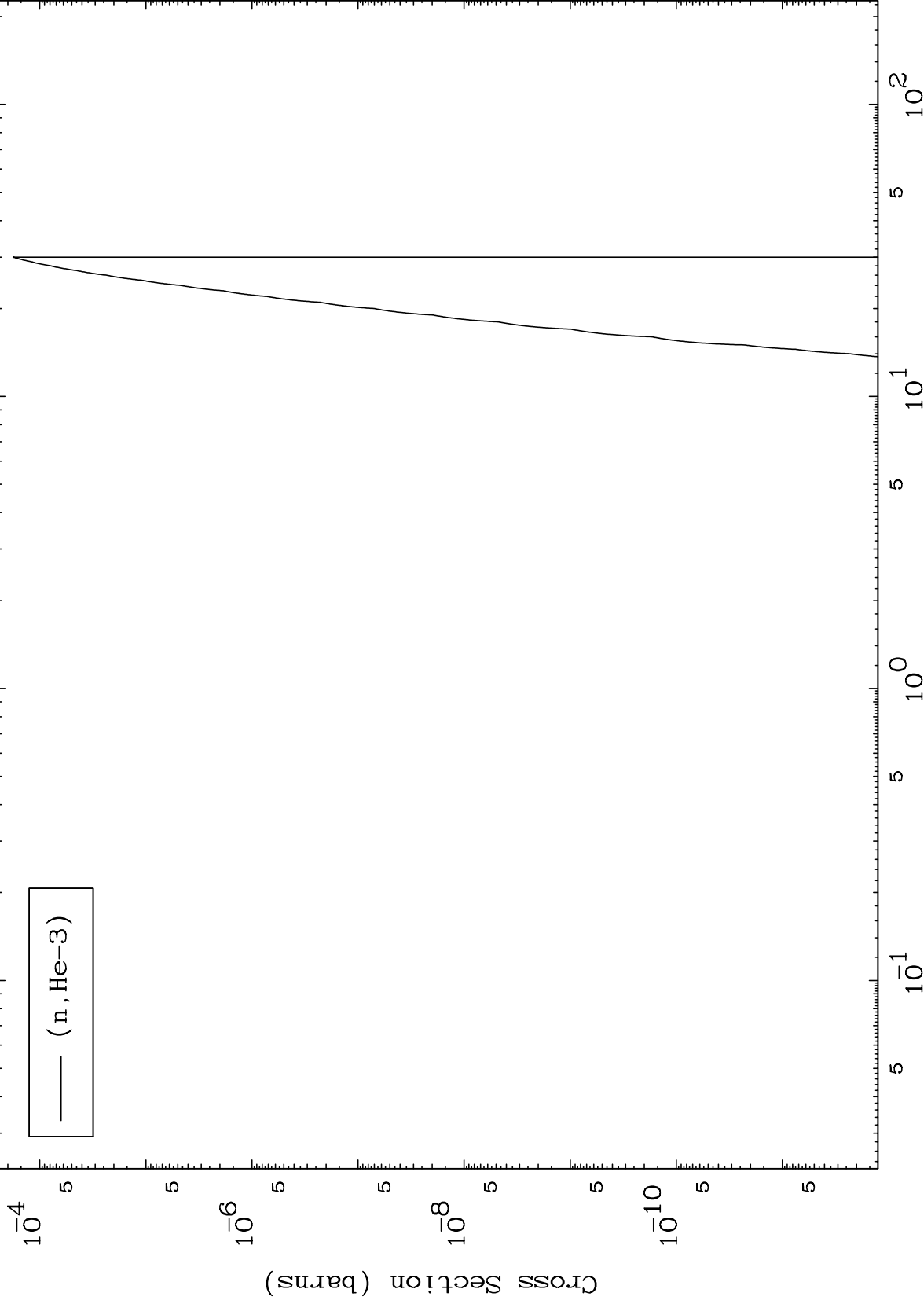
Incident Energy (MeV)

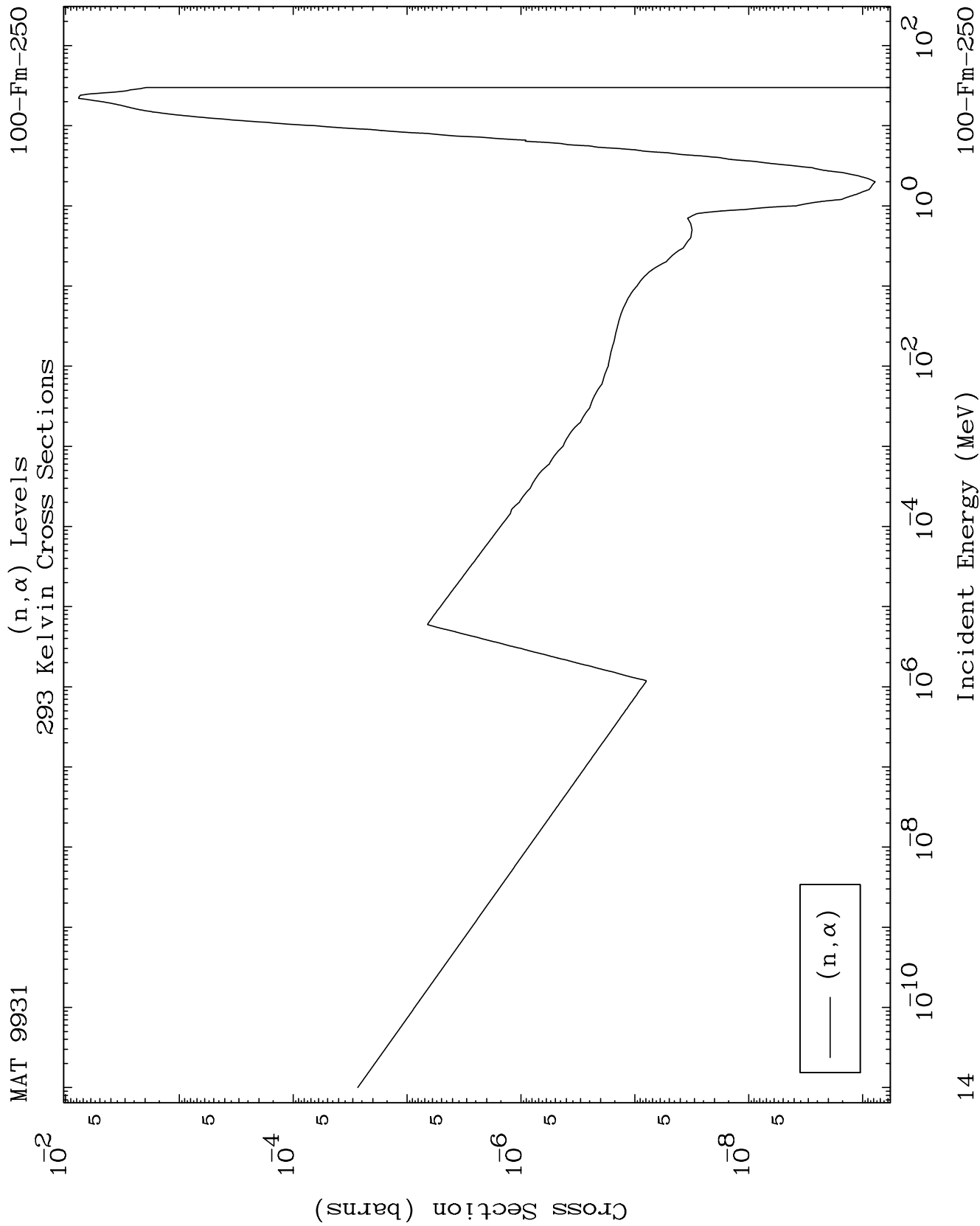
100-Fm-250

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(n,He3) Levels
293 Kelvin Cross Sections

100-Fm-250

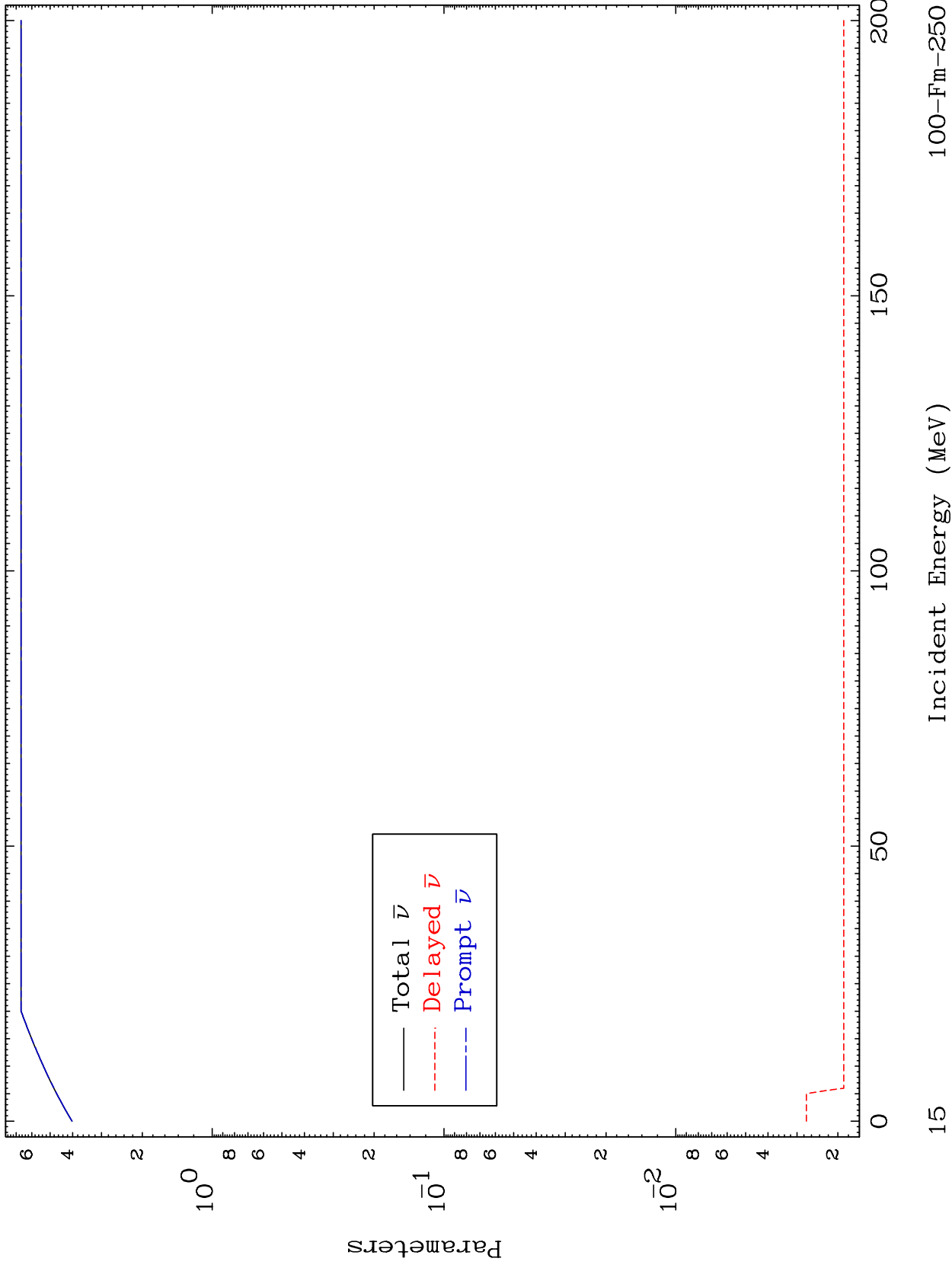


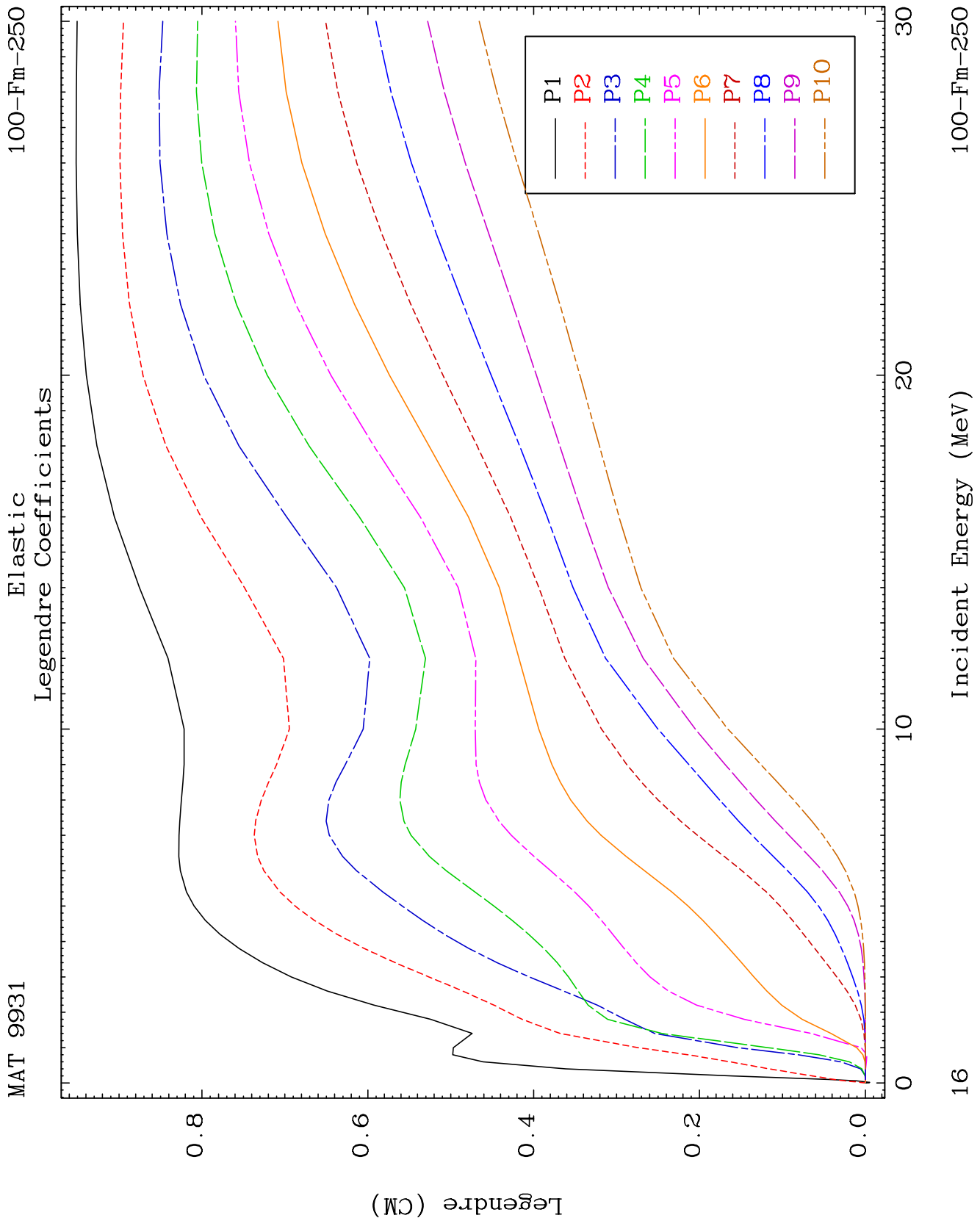


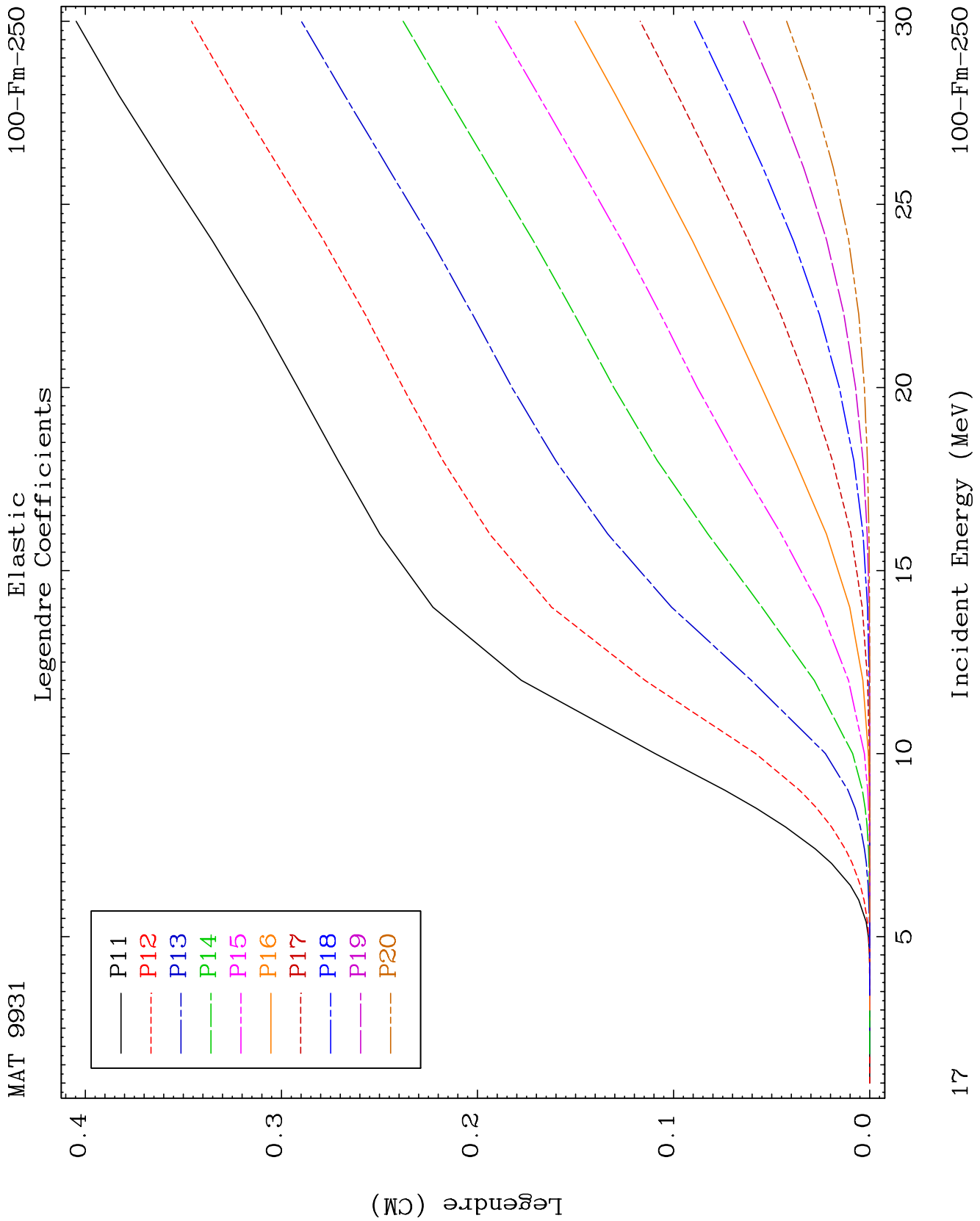
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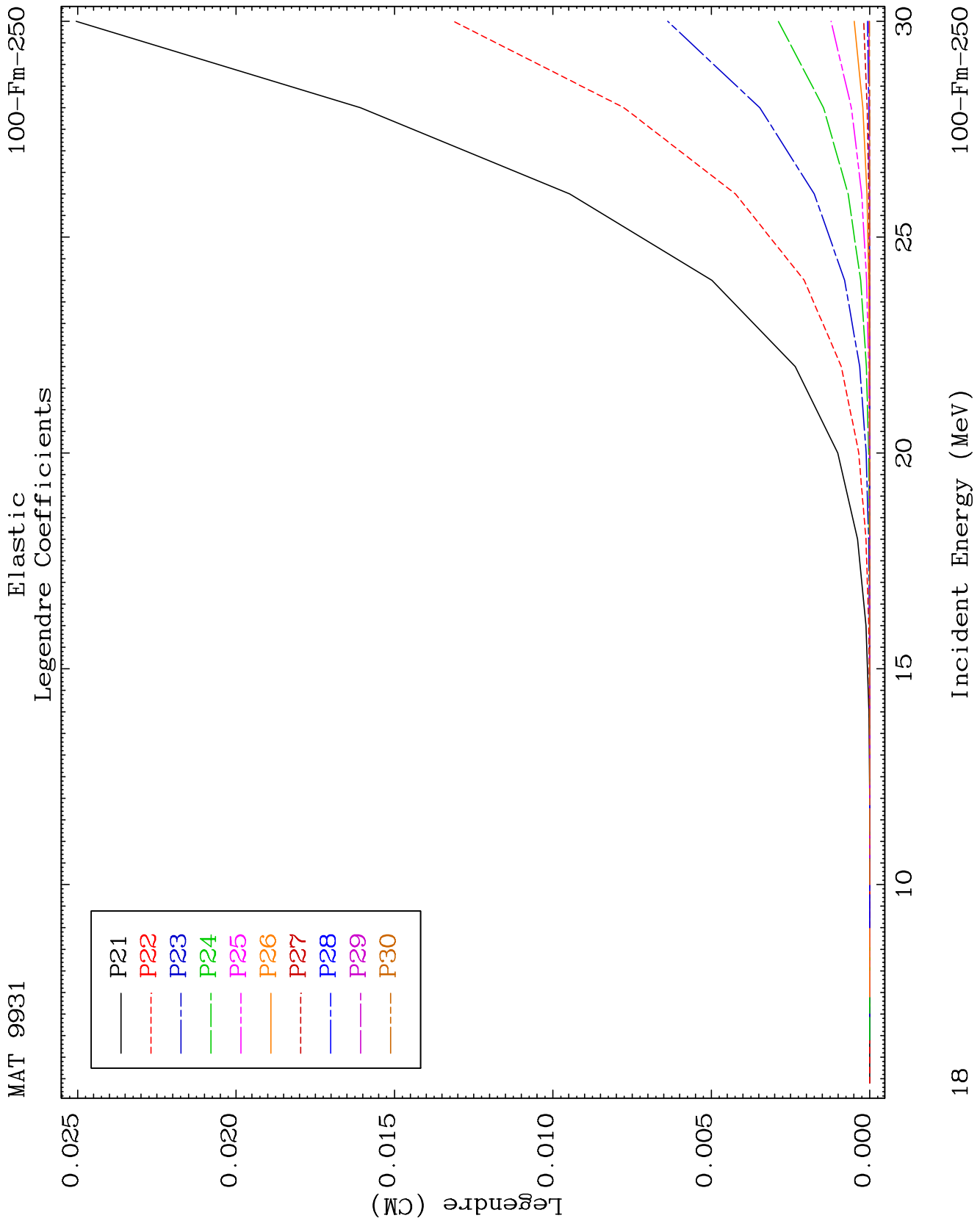
Energy Release
Parameters

100-Fm-250









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Elastic Legendre Coefficients

100-Fm-250

18

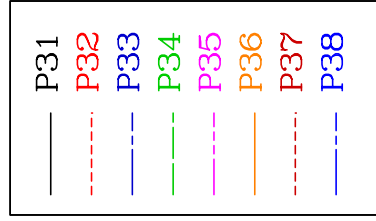
Incident Energy (MeV)

100-Fm-250

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Elastic
Legendre Coefficients

100-Fm-250



$\times 10^{-6}$

Legendre (CM)

2.5

2.0

1.5

1.0

0.5

0.0

15

20

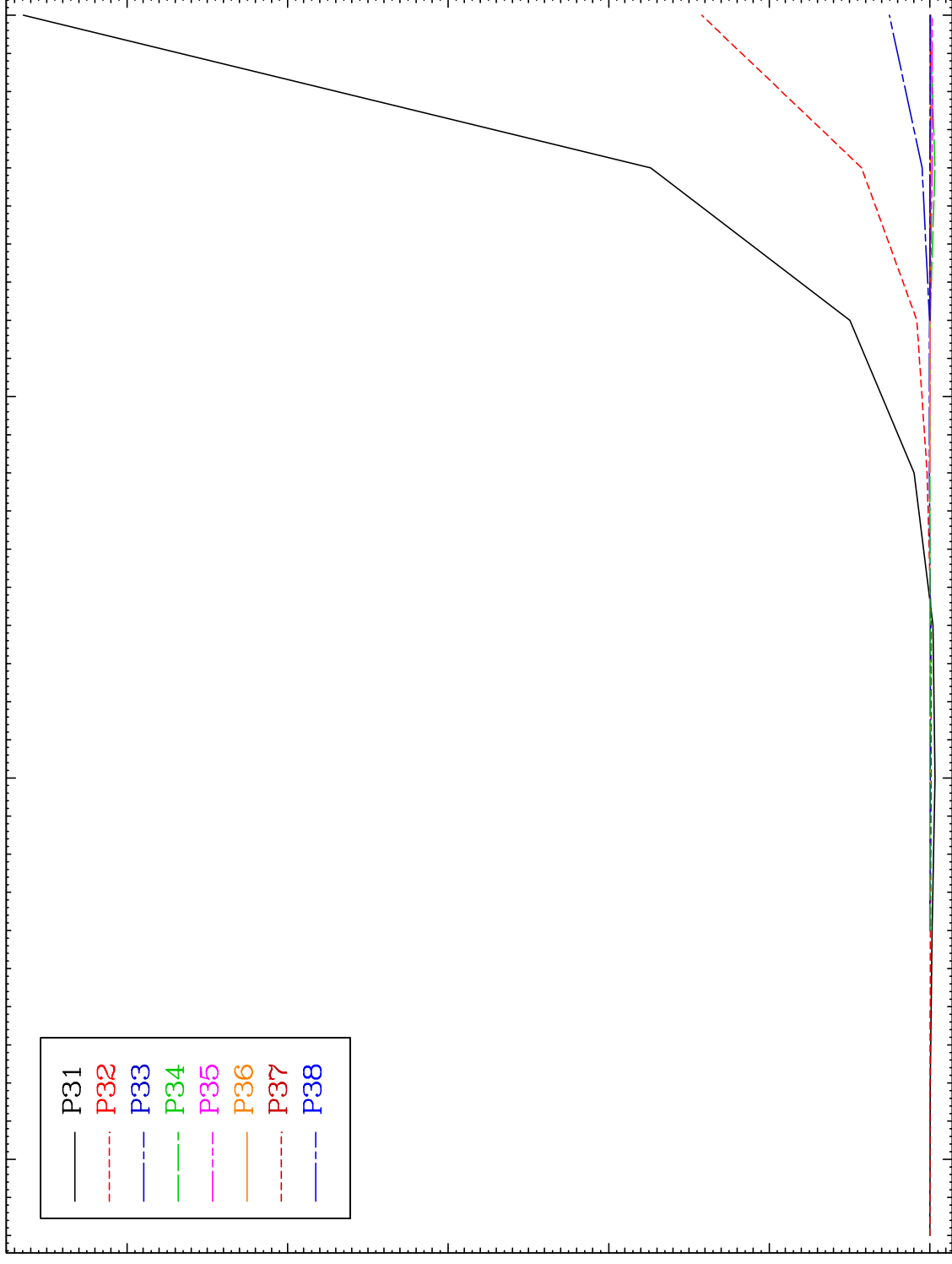
25

30

19

Incident Energy (MeV)

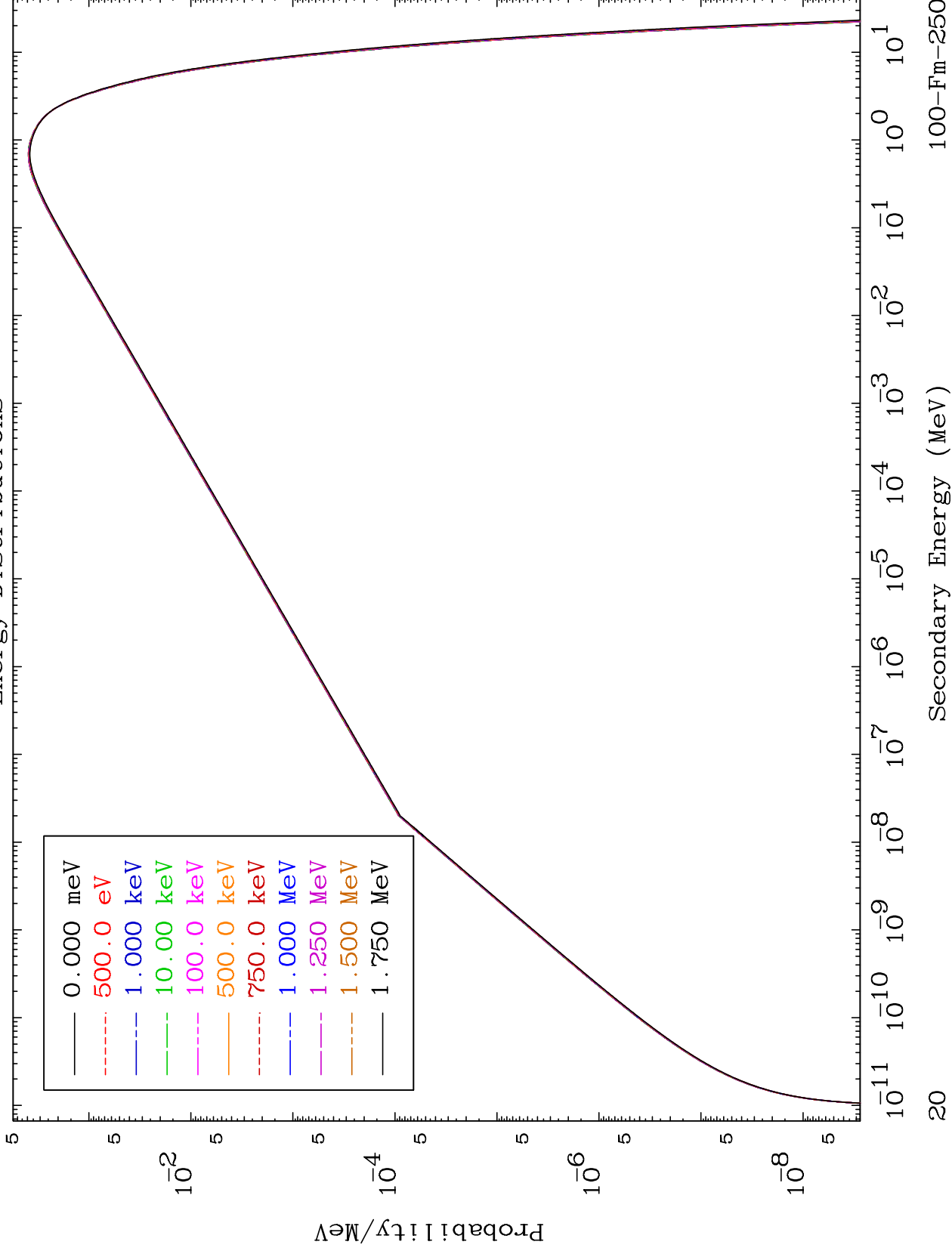
100-Fm-250



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Fission Energy Distributions

100-Fm-250



100-Fm-250

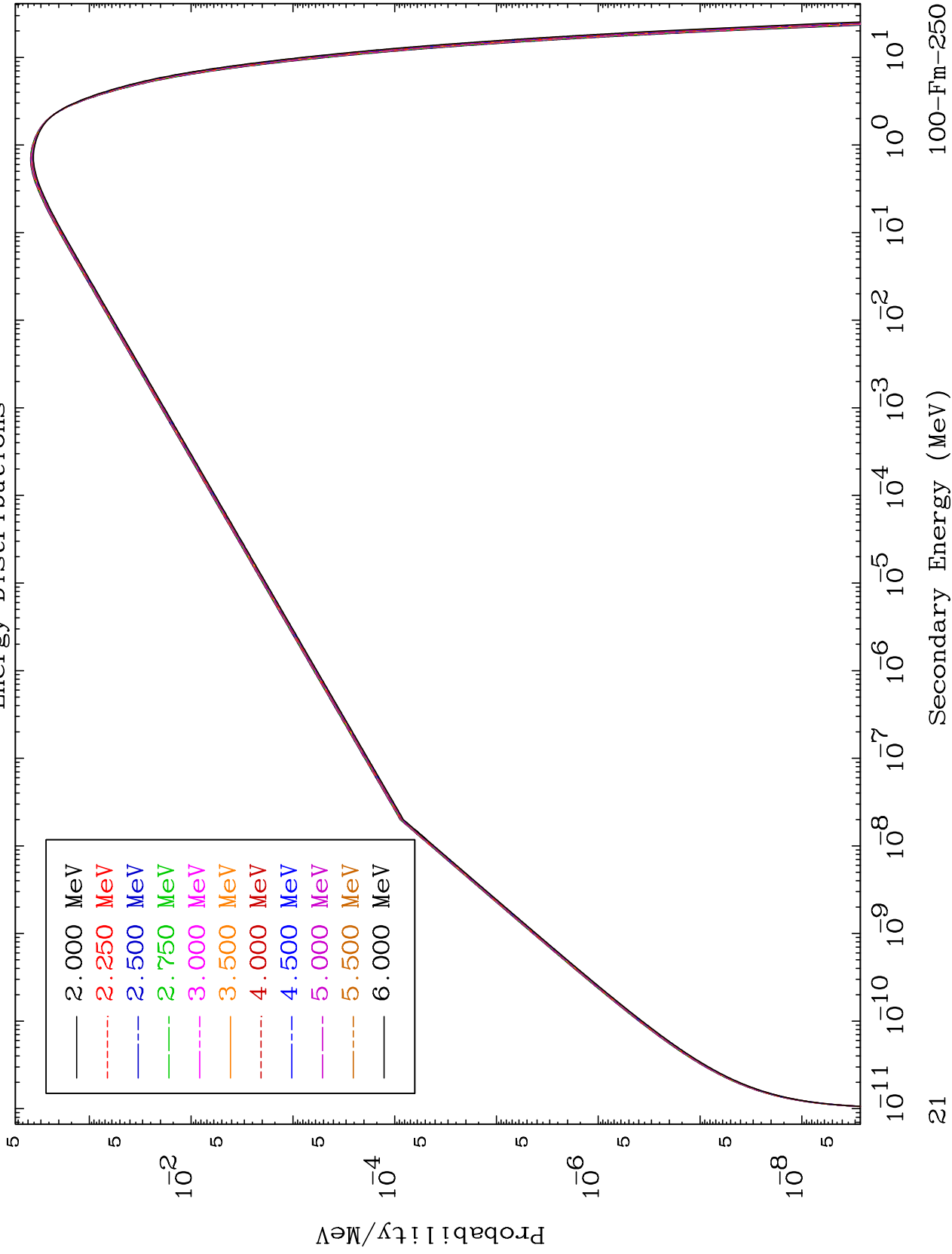
Secondary Energy (MeV)

20

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Fission Energy Distributions

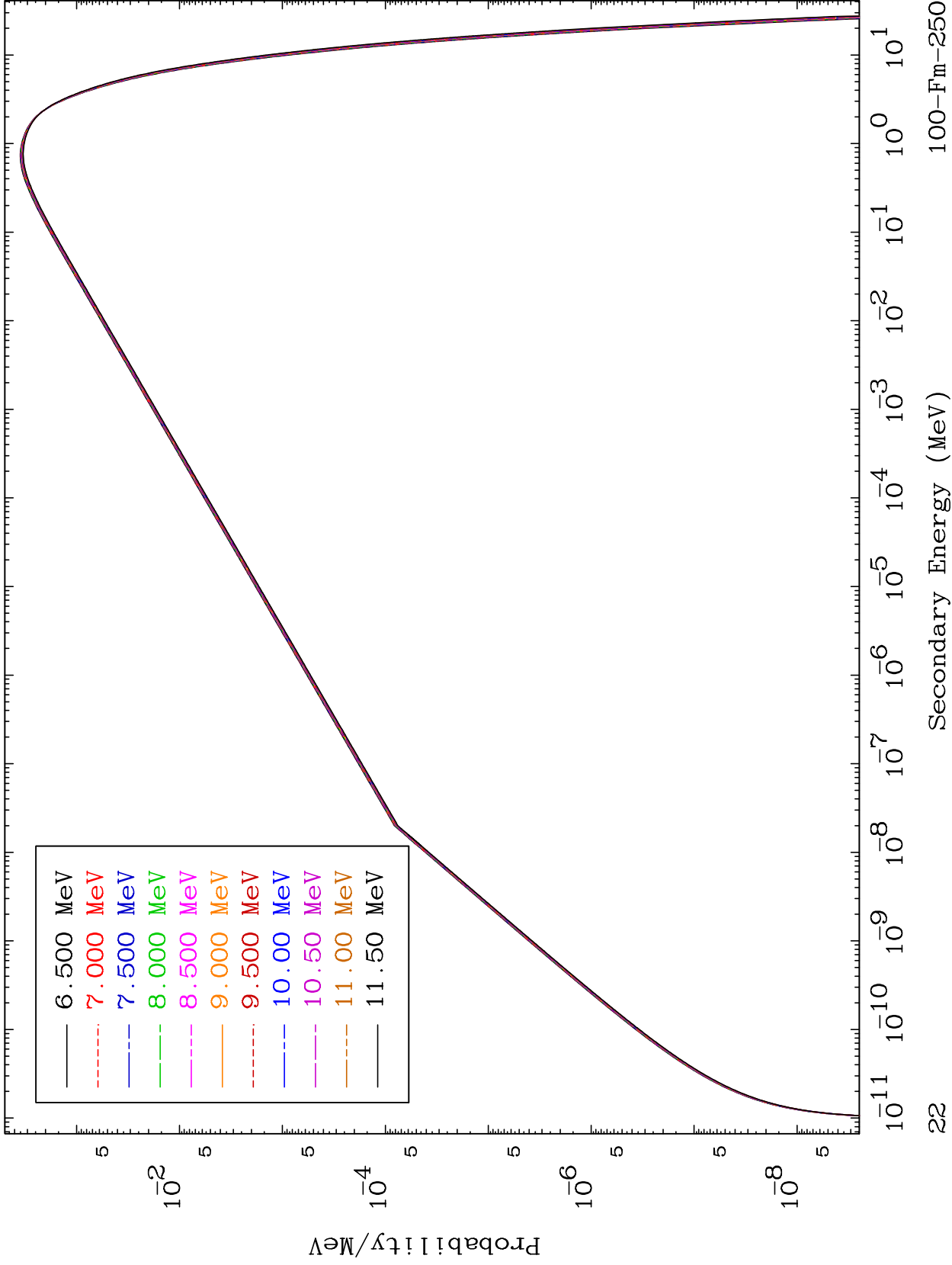
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Fission Energy Distributions

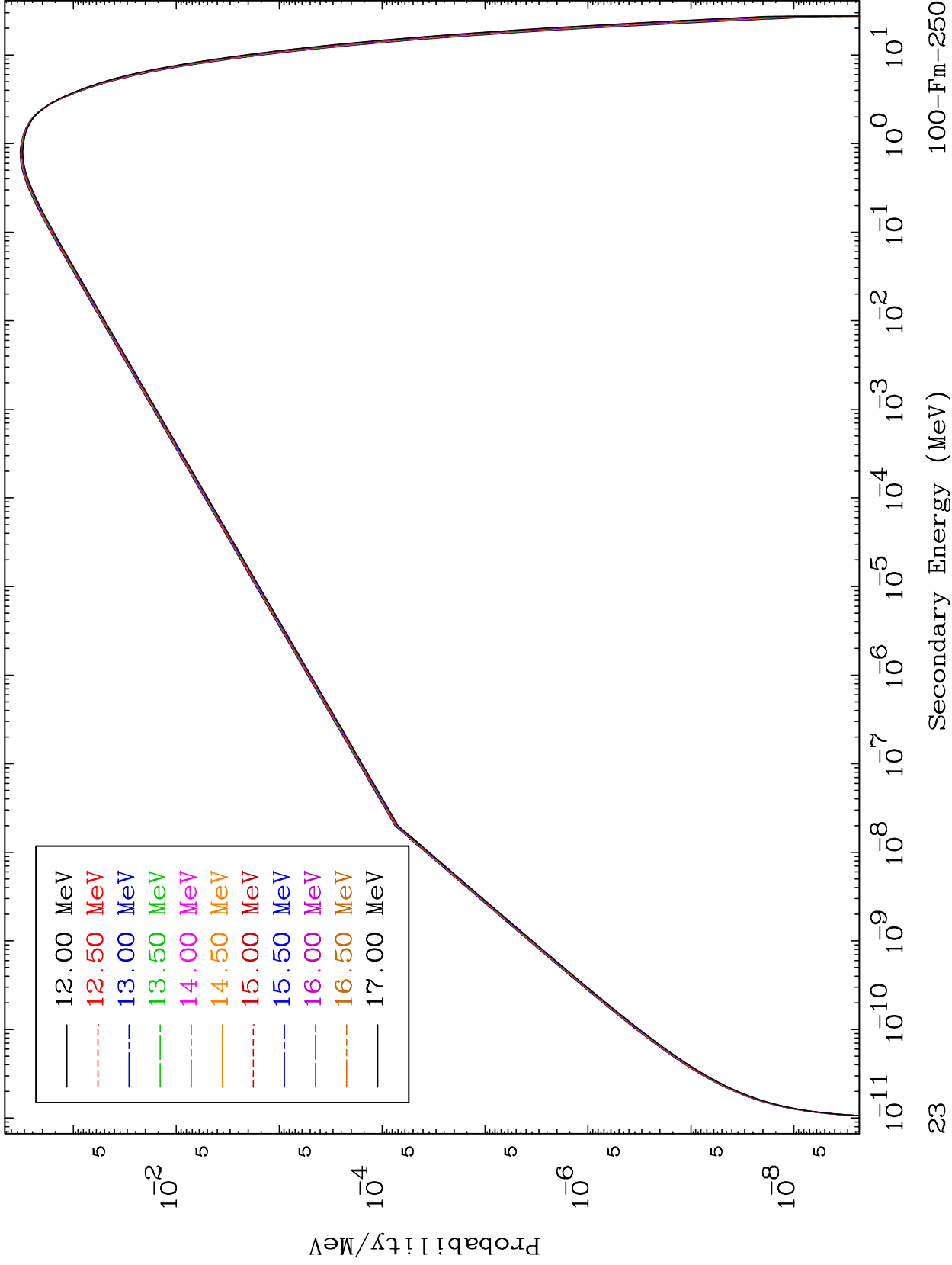
100-Fm-250



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Fission Energy Distributions

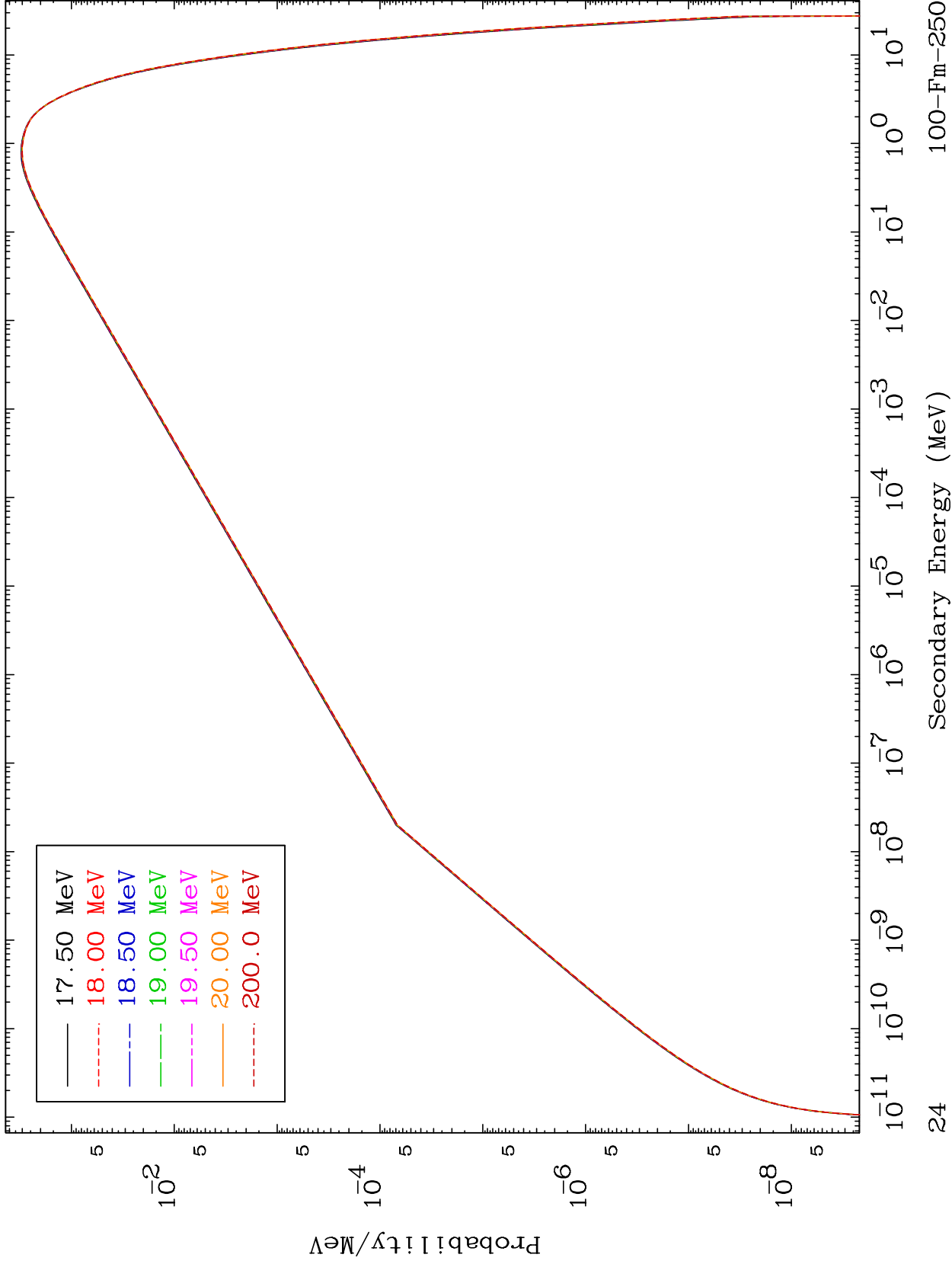
100-Fm-250



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Fission
Energy Distributions

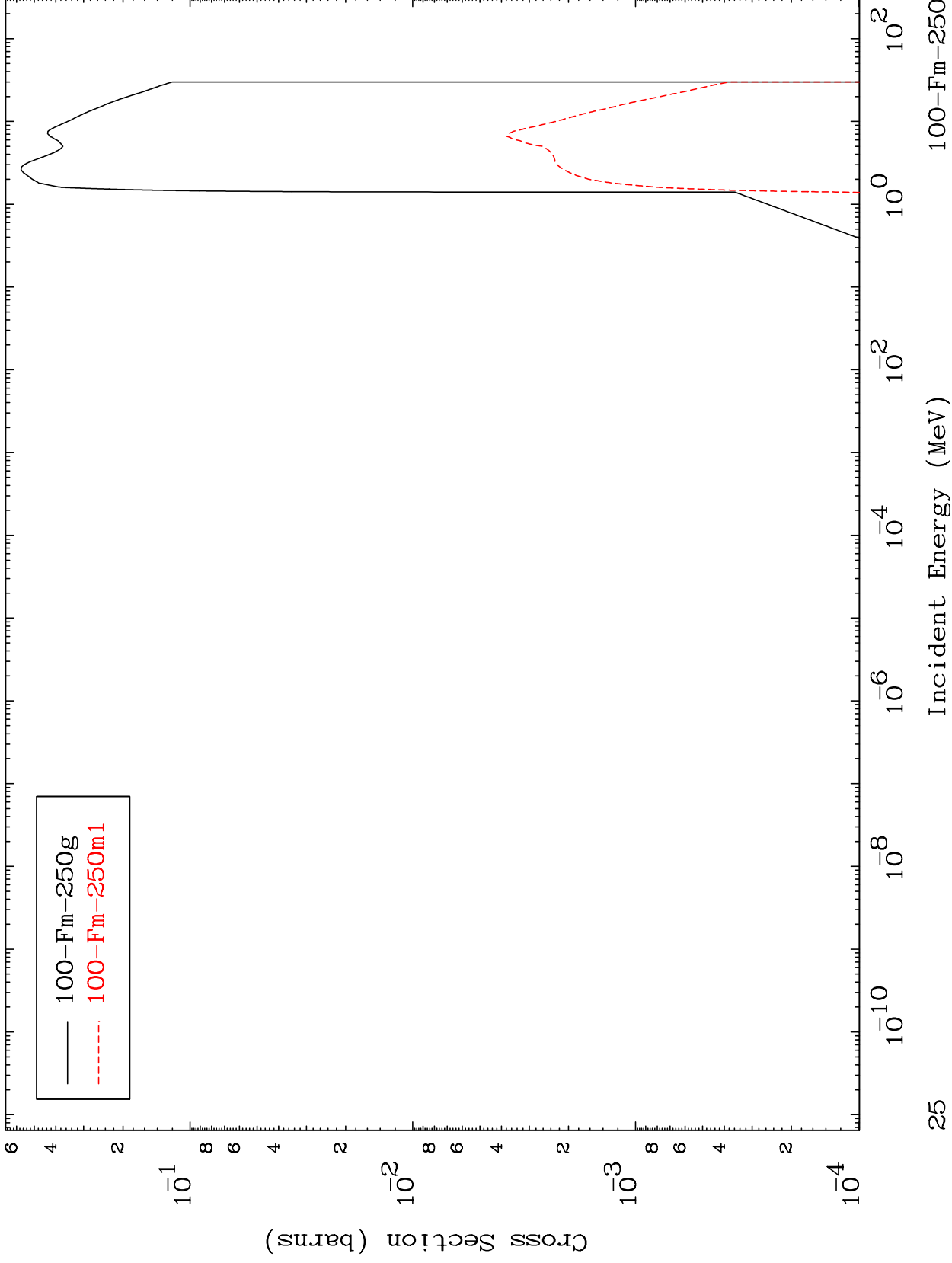
100-Fm-250



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Inelastic
Radionuclide Production Cross Section

100-Fm-250

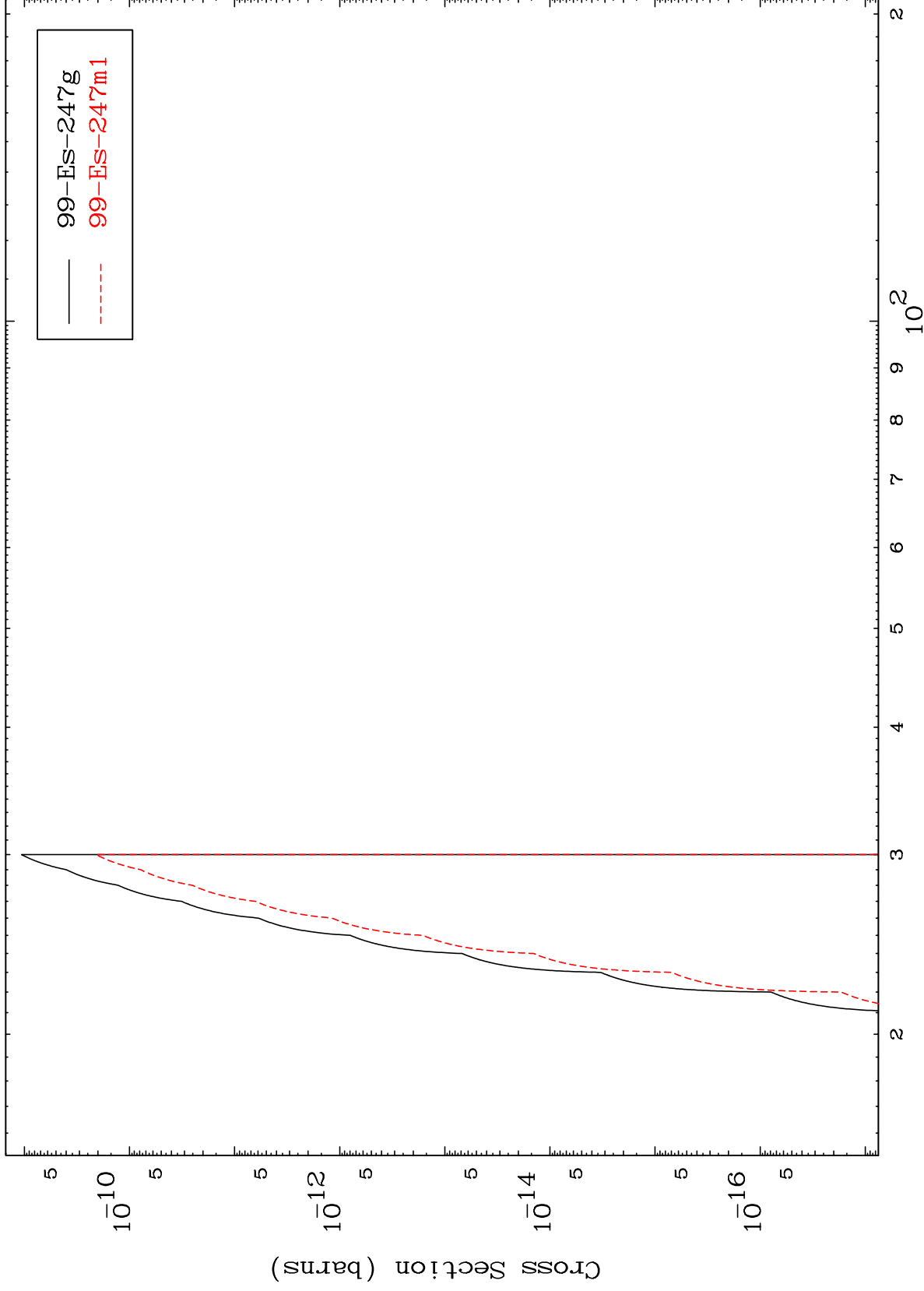


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(n,2n) d

100-Fm-250

Radionuclide Production Cross Section



26

Incident Energy (MeV)

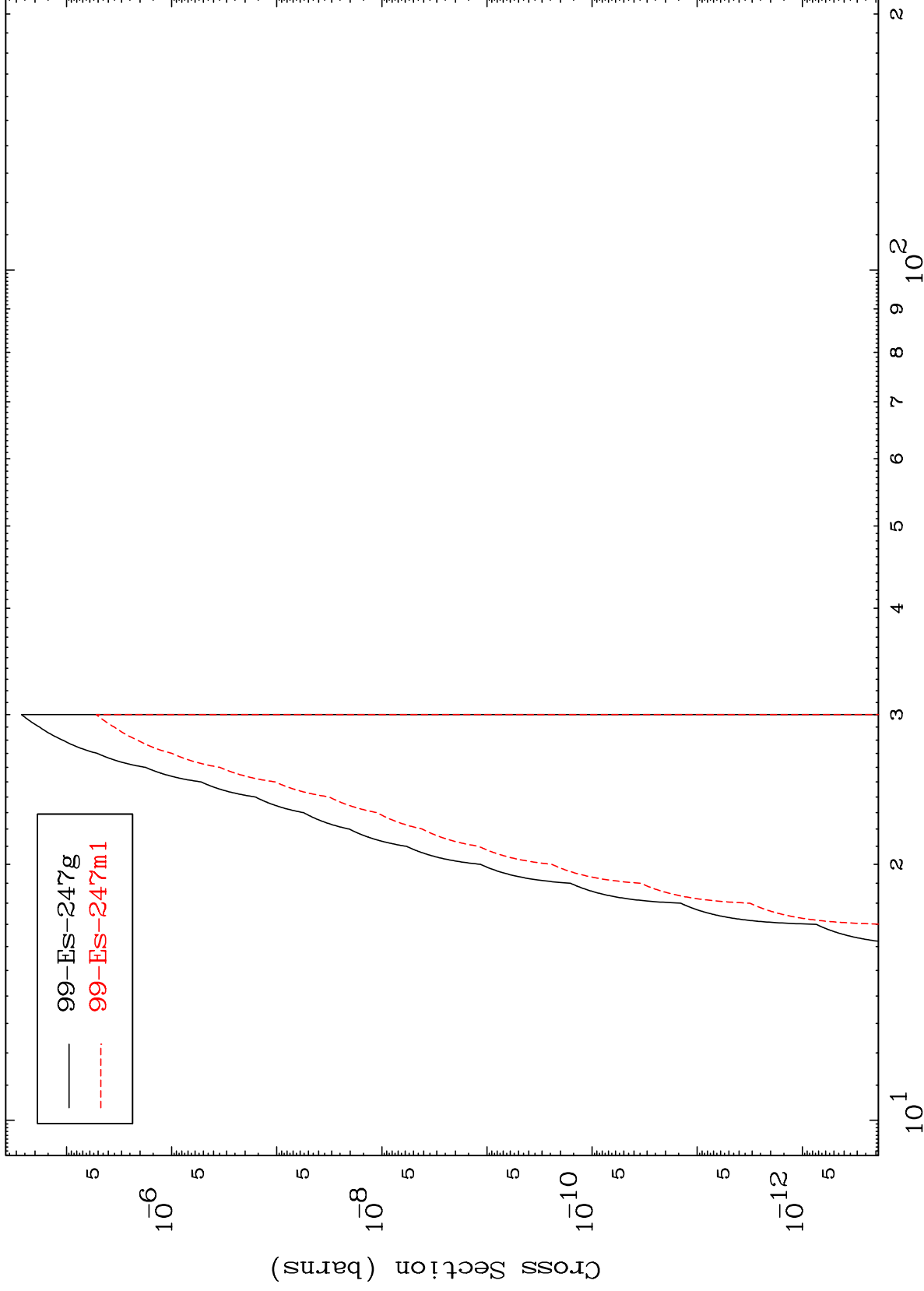
100-Fm-250

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(n,n') t

100-Fm-250

Radionuclide Production Cross Section



27

Incident Energy (MeV)

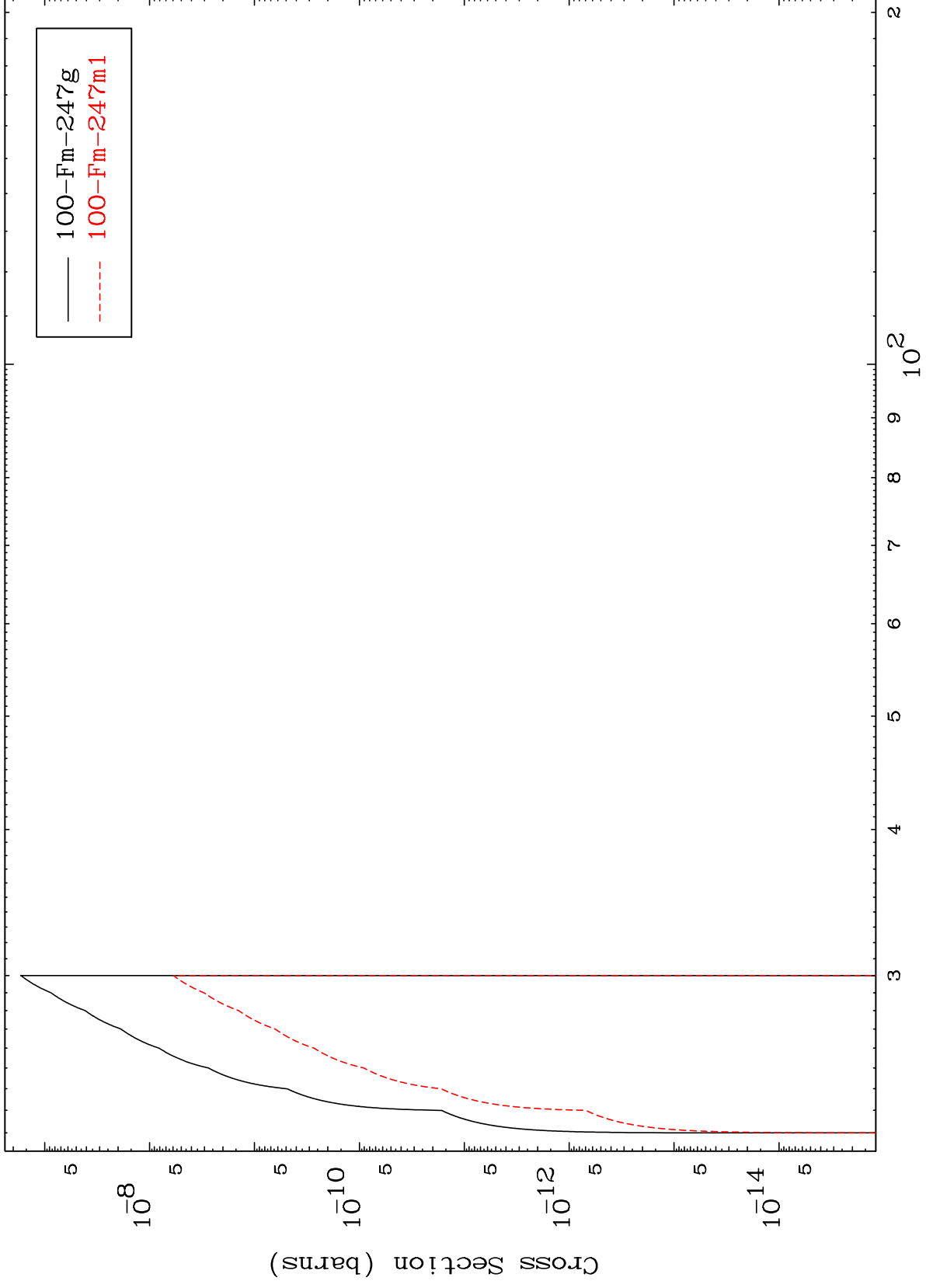
100-Fm-250

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(n,4n)

100-Fm-250

Radionuclide Production Cross Section



28

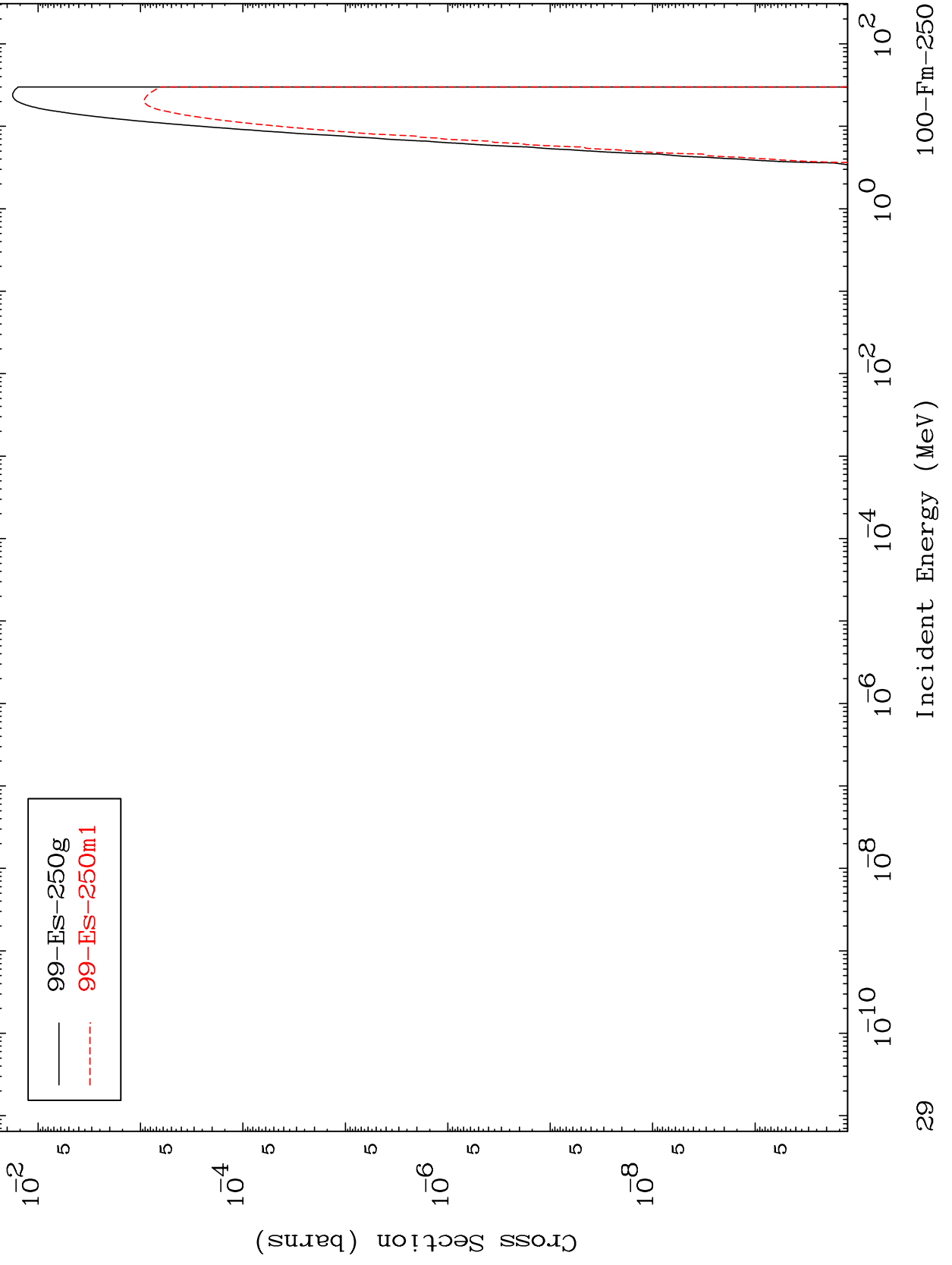
Incident Energy (MeV)

100-Fm-250

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100-Fm-250

(n,p)
Radionuclide Production Cross Section



— 99-Es-250g
- - - 99-Es-250m1