

Program EVALPLOT
(Version 2015-2)

by

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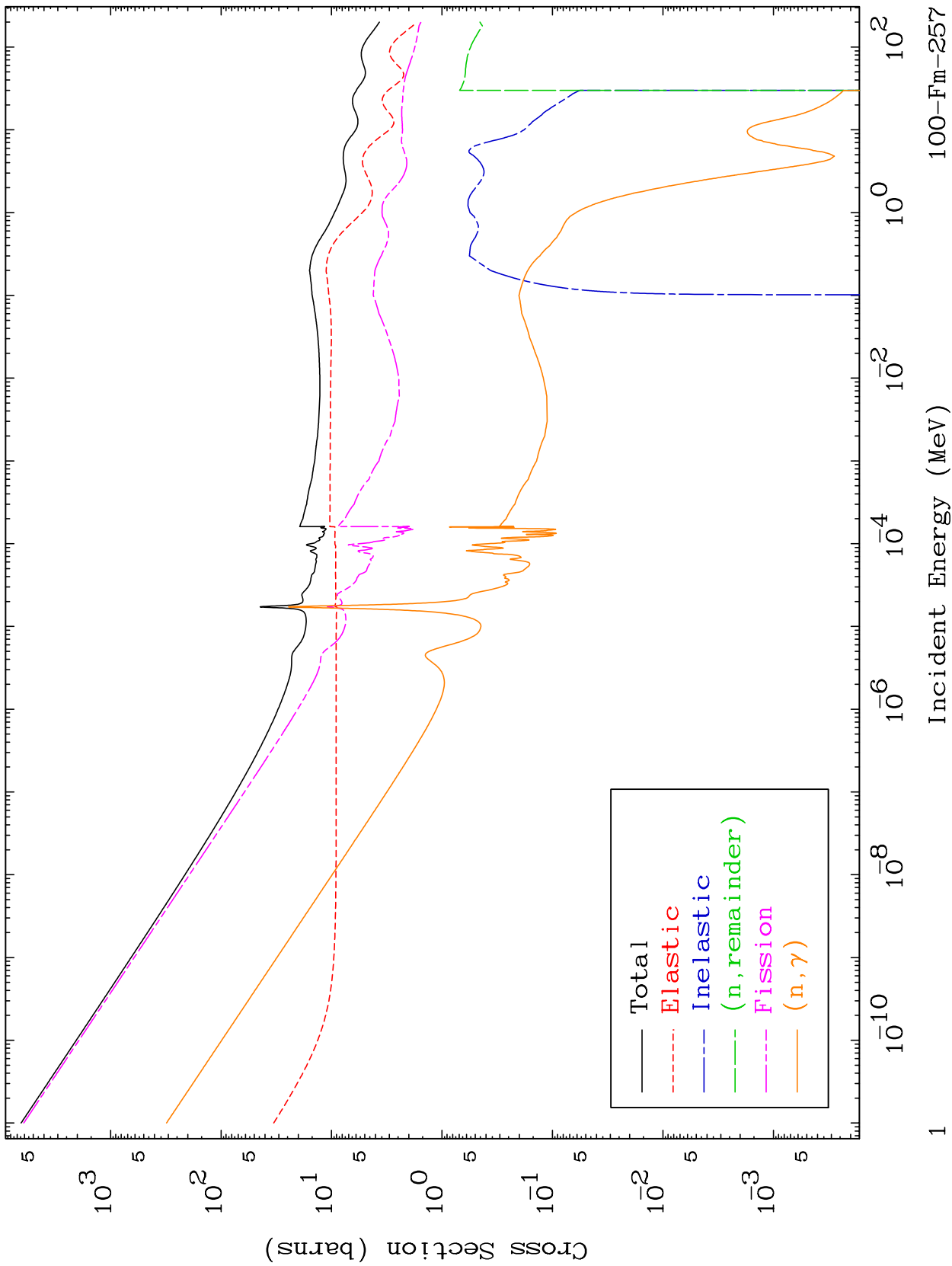
Press Mouse Button to Start

MAT 9938

Major

293 Kelvin Cross Sections

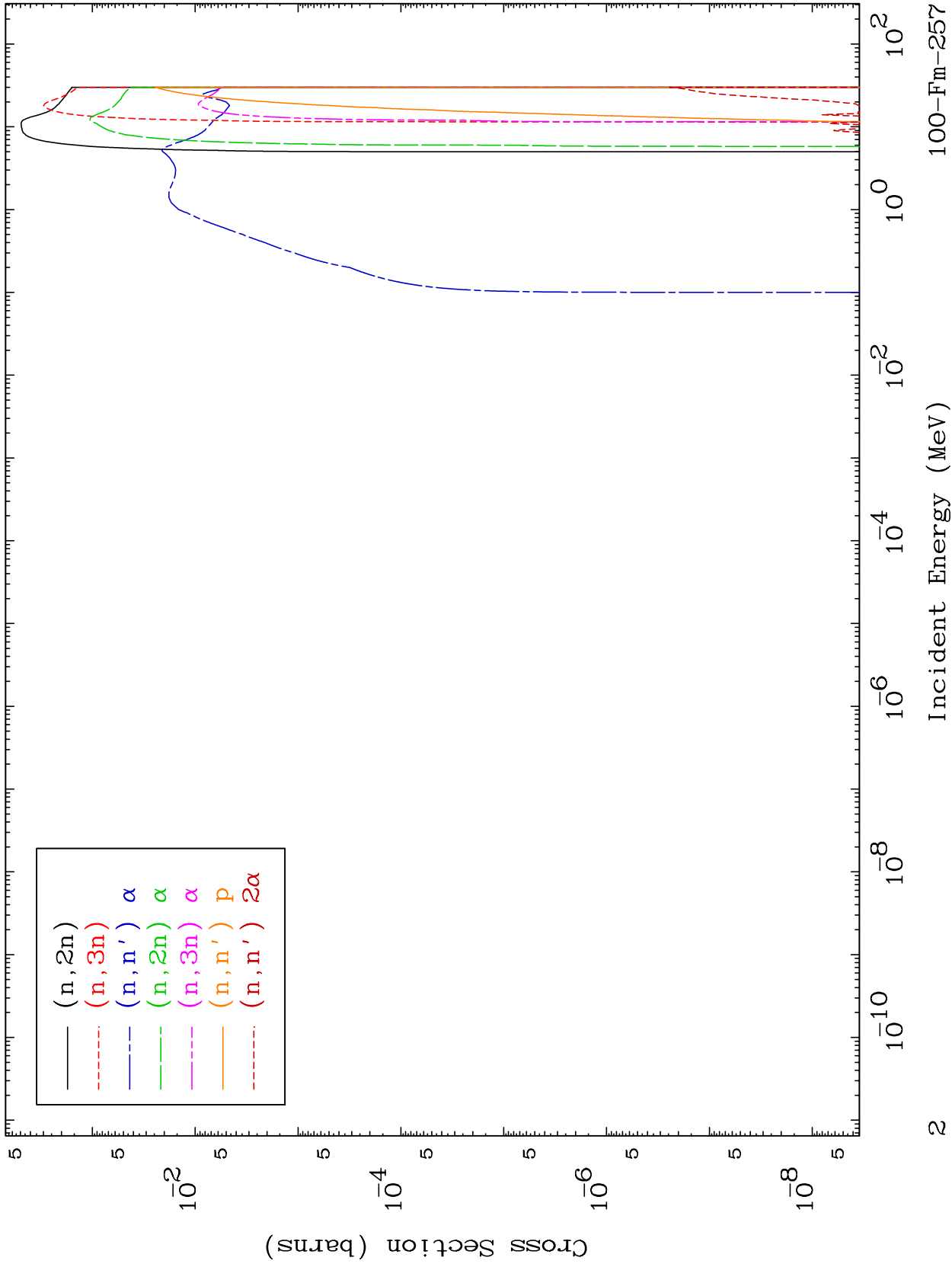
100-Fm-257



MAT 9938

Neutron Production
293 Kelvin Cross Sections

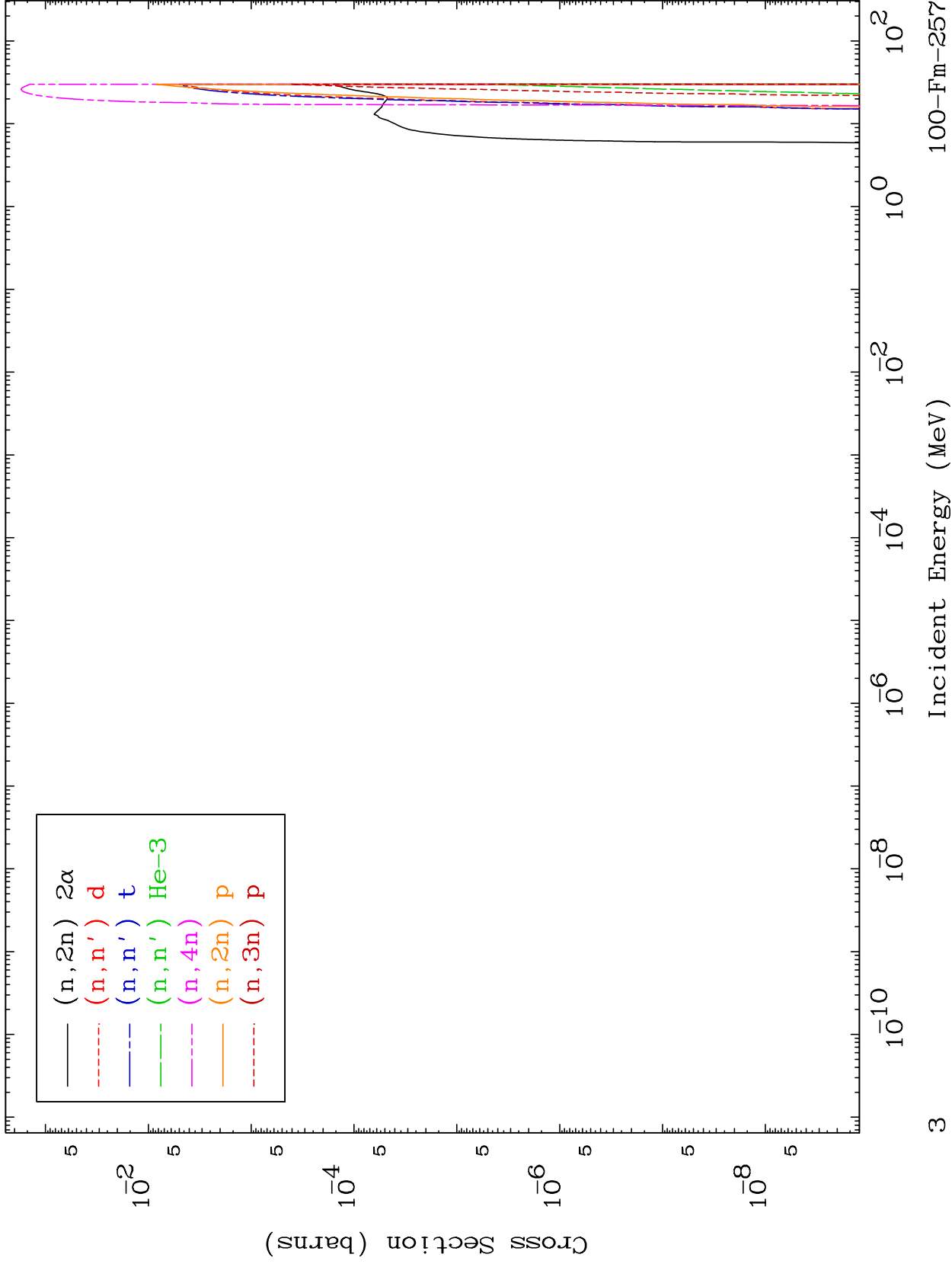
100-Fm-257



MAT 9938

Neutron Production
293 Kelvin Cross Sections

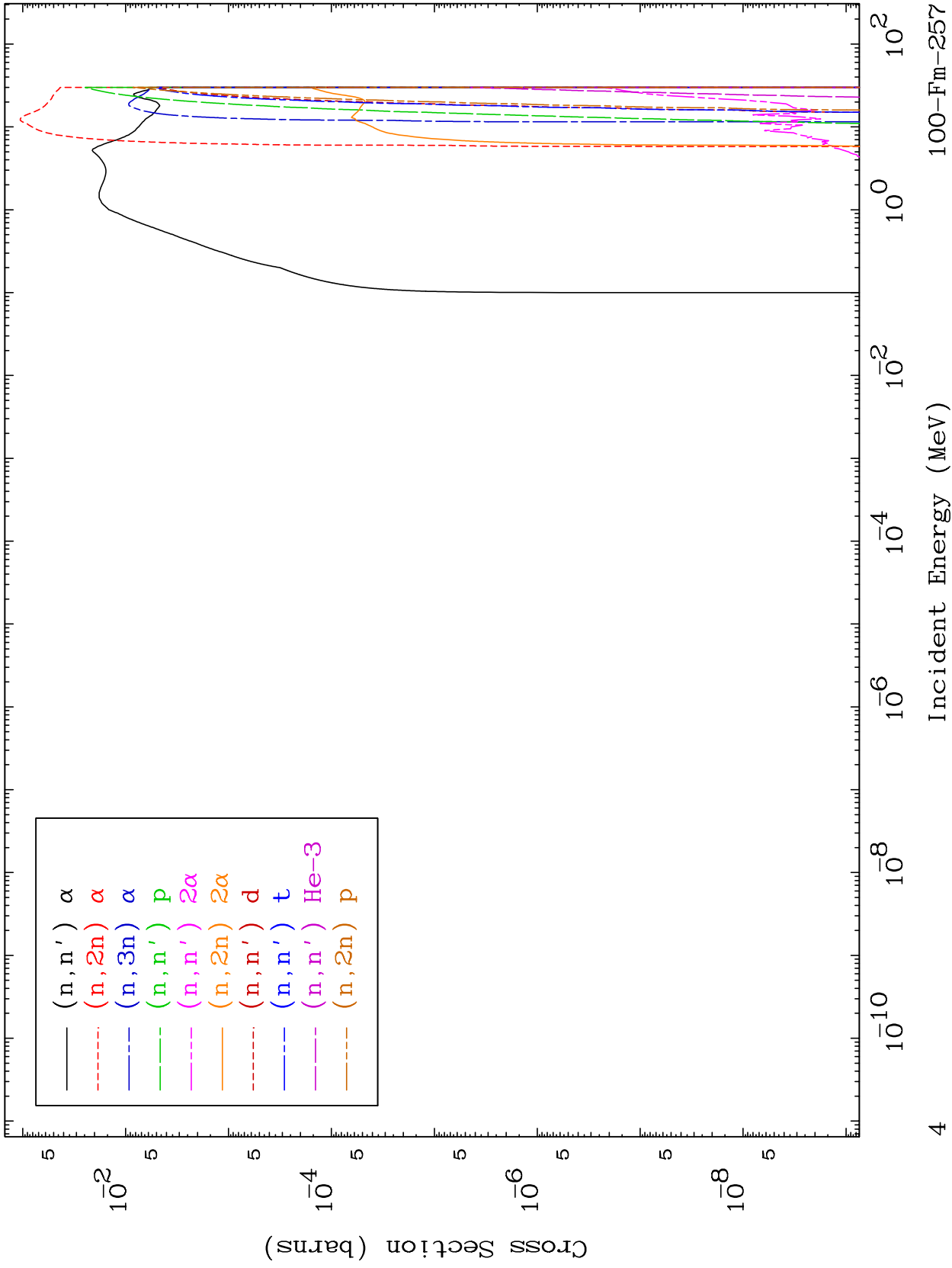
100-Fm-257



MAT 9938

Charged Particle
293 Kelvin Cross Sections

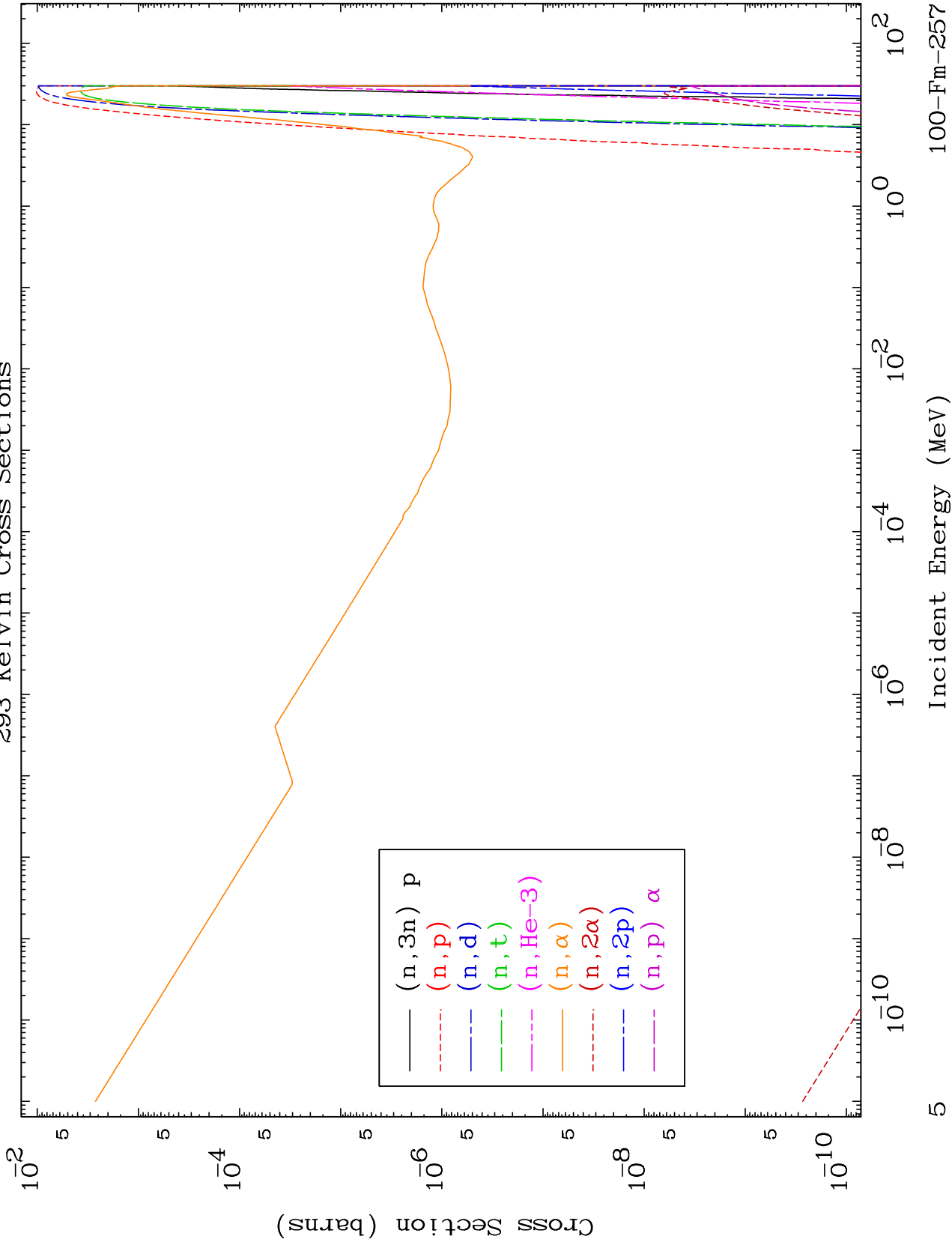
100-Fm-257



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Charged Particle
293 Kelvin Cross Sections

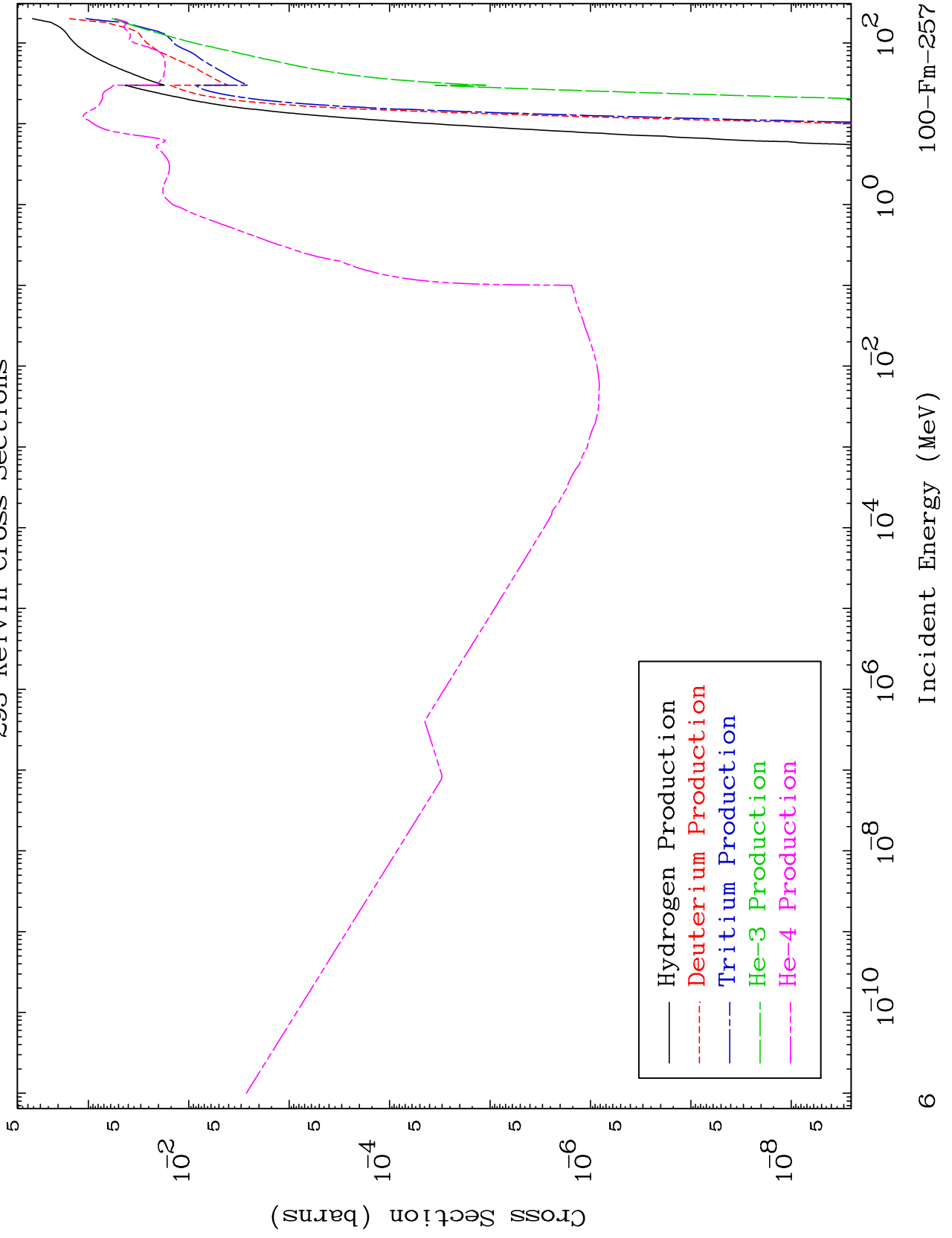
100-Fm-257



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Particle Production
293 Kelvin Cross Sections

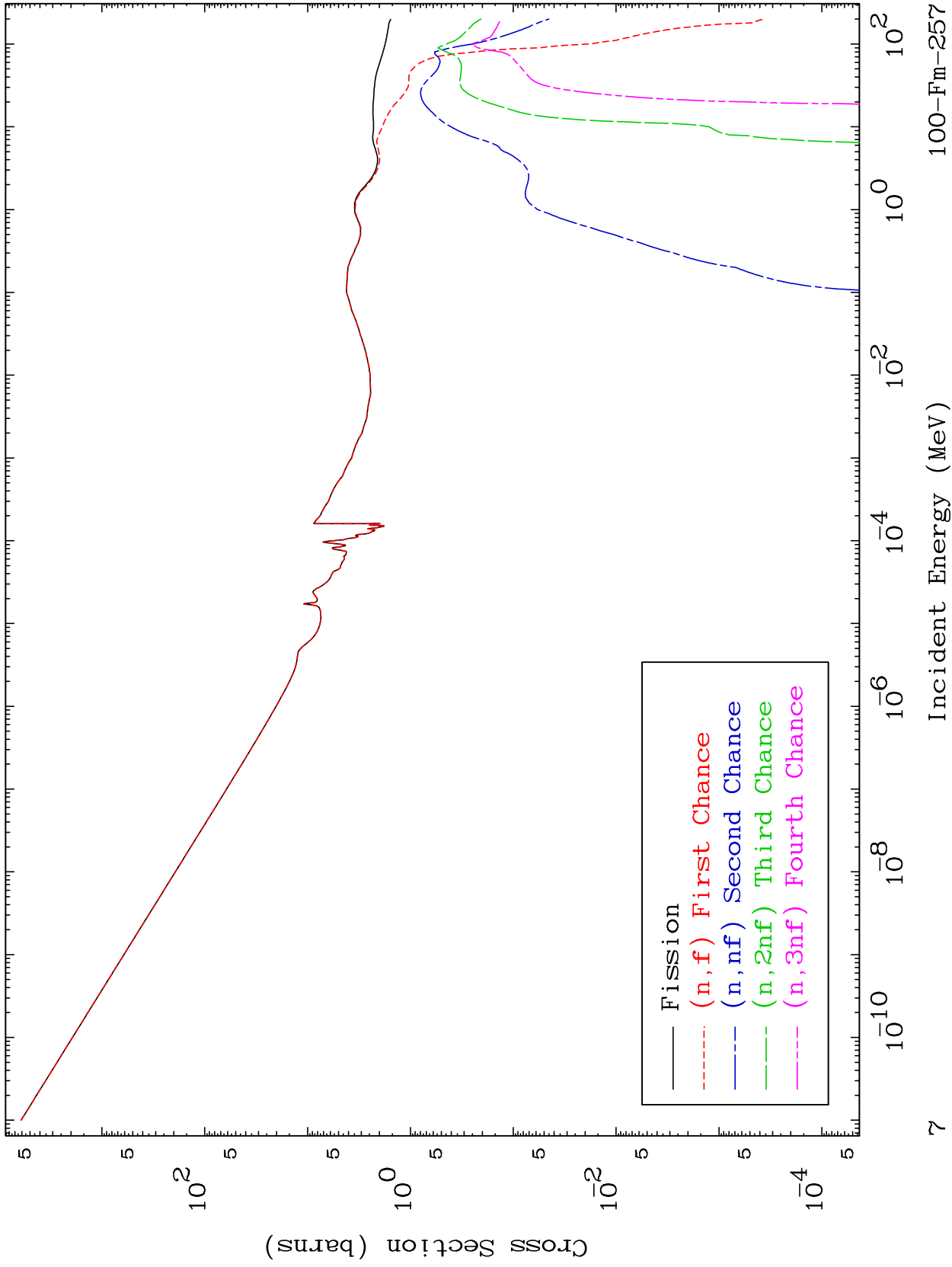
100-Fm-257



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Fission
293 Kelvin Cross Sections

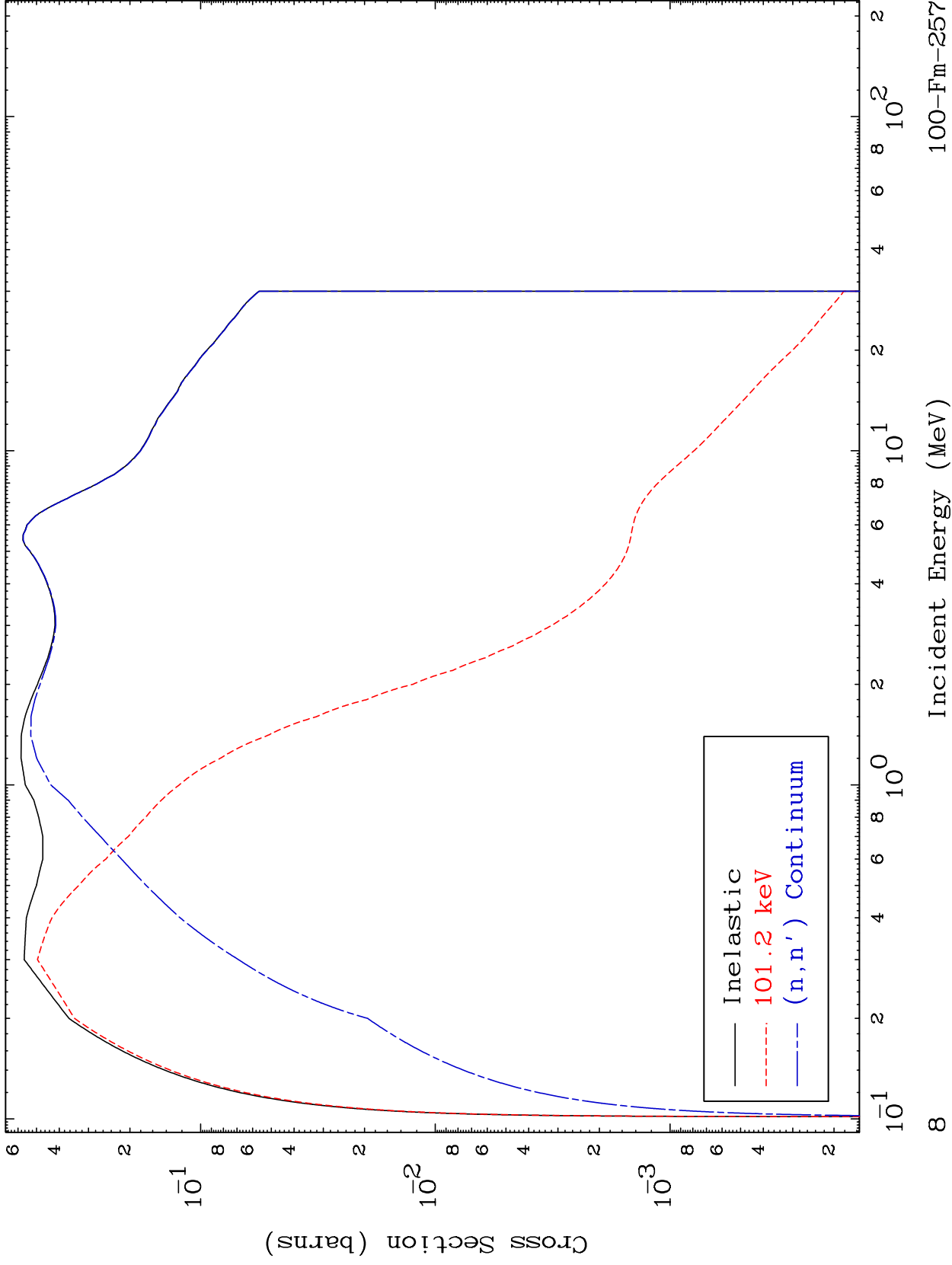
100-Fm-257



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(n,n') Level
293 Kelvin Cross Sections

100-Fm-257



100-Fm-257

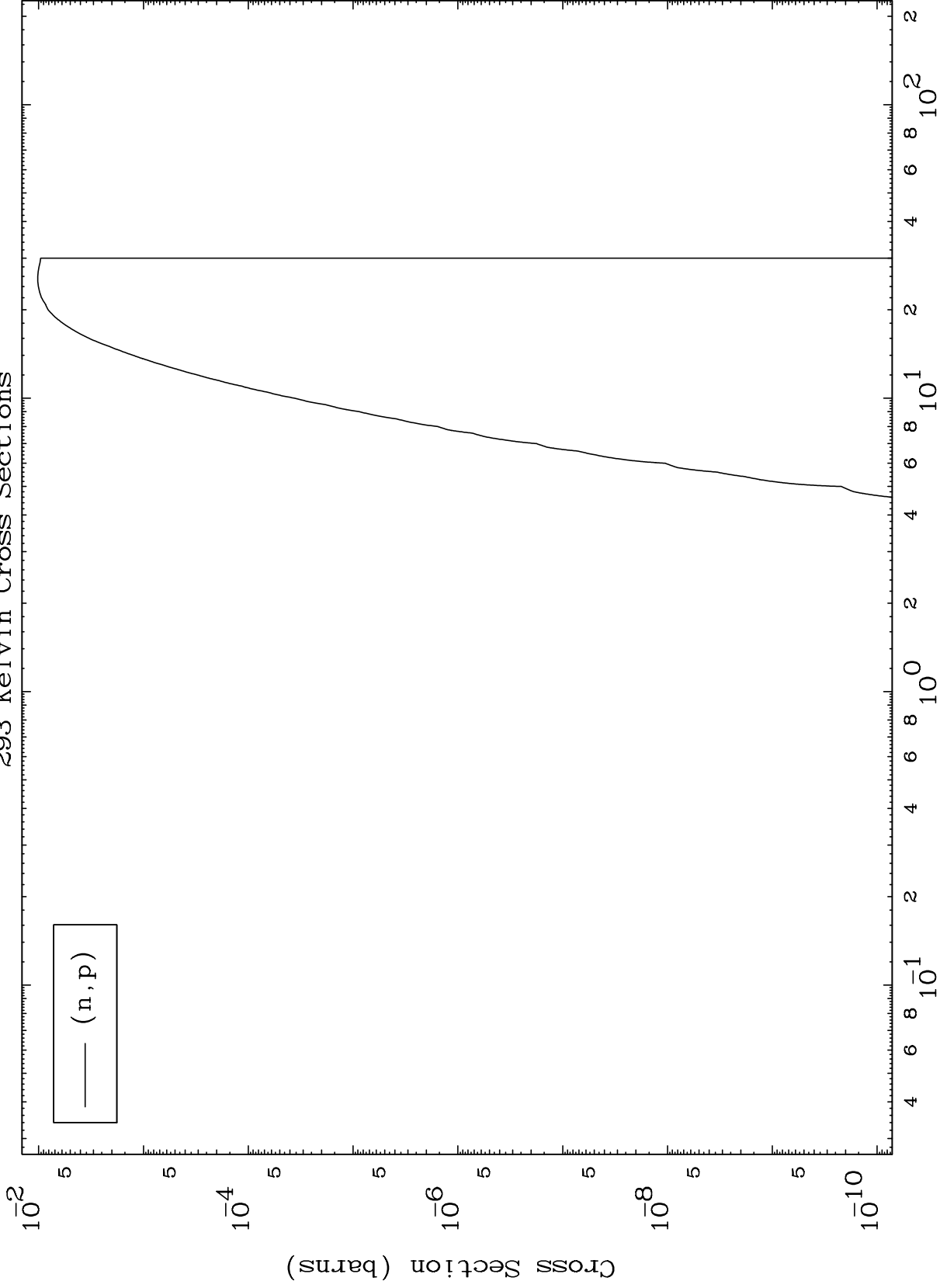
Incident Energy (MeV)

8

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(n,p) Levels
293 Kelvin Cross Sections

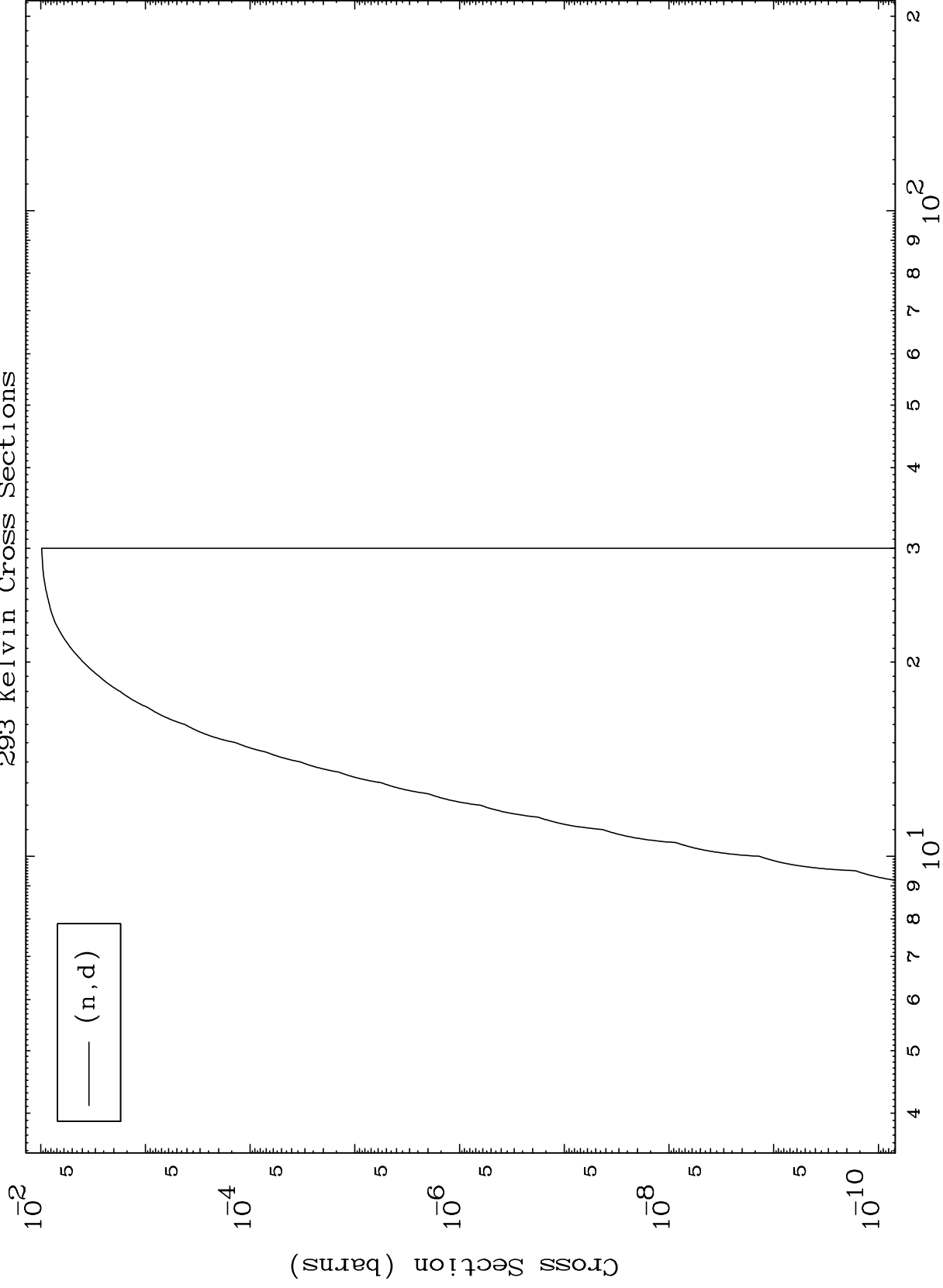
100-Fm-257



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(n,d) Levels
293 Kelvin Cross Sections

100-Fm-257



100-Fm-257

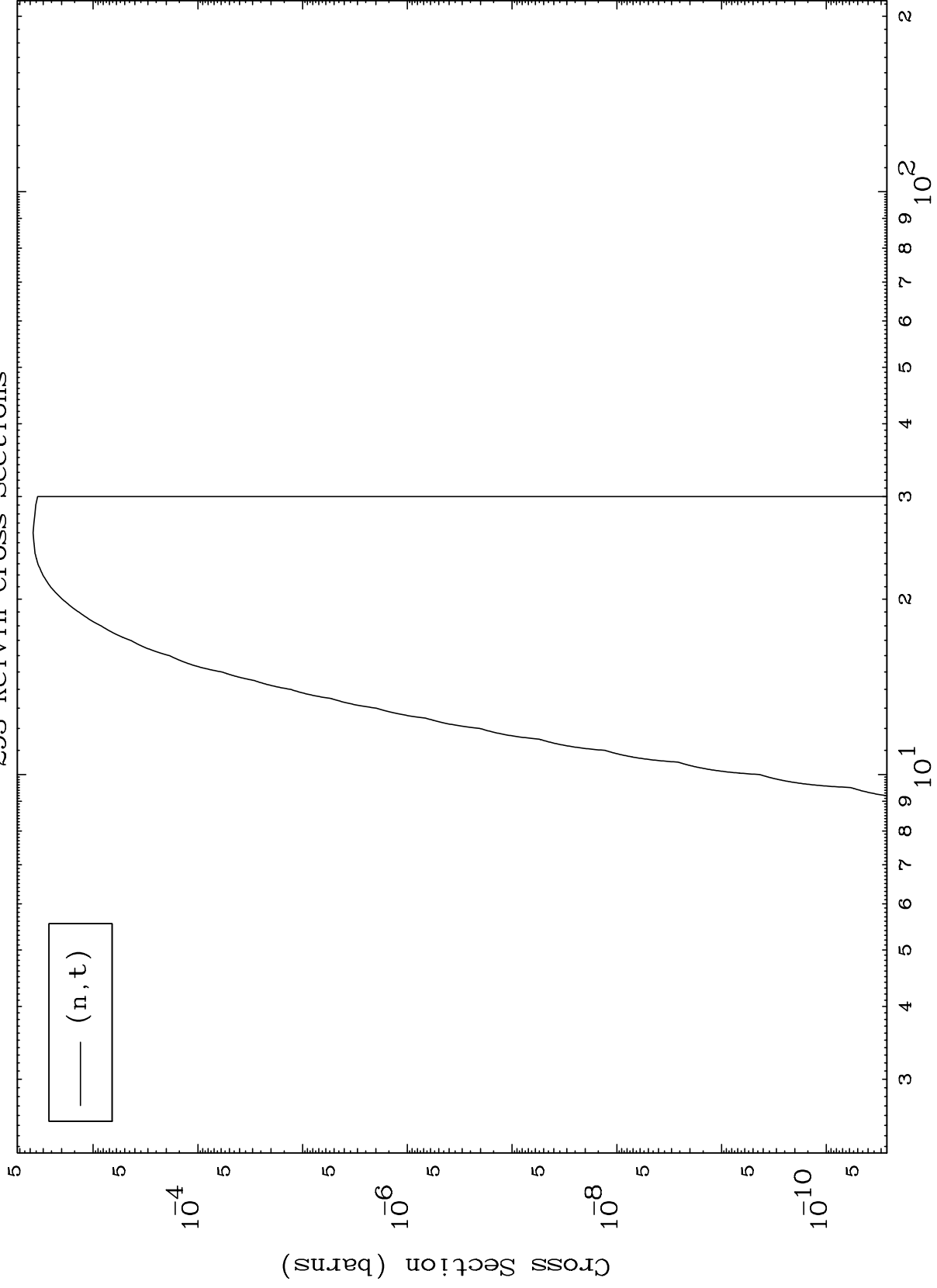
Incident Energy (MeV)

10

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(n,t) Levels
293 Kelvin Cross Sections

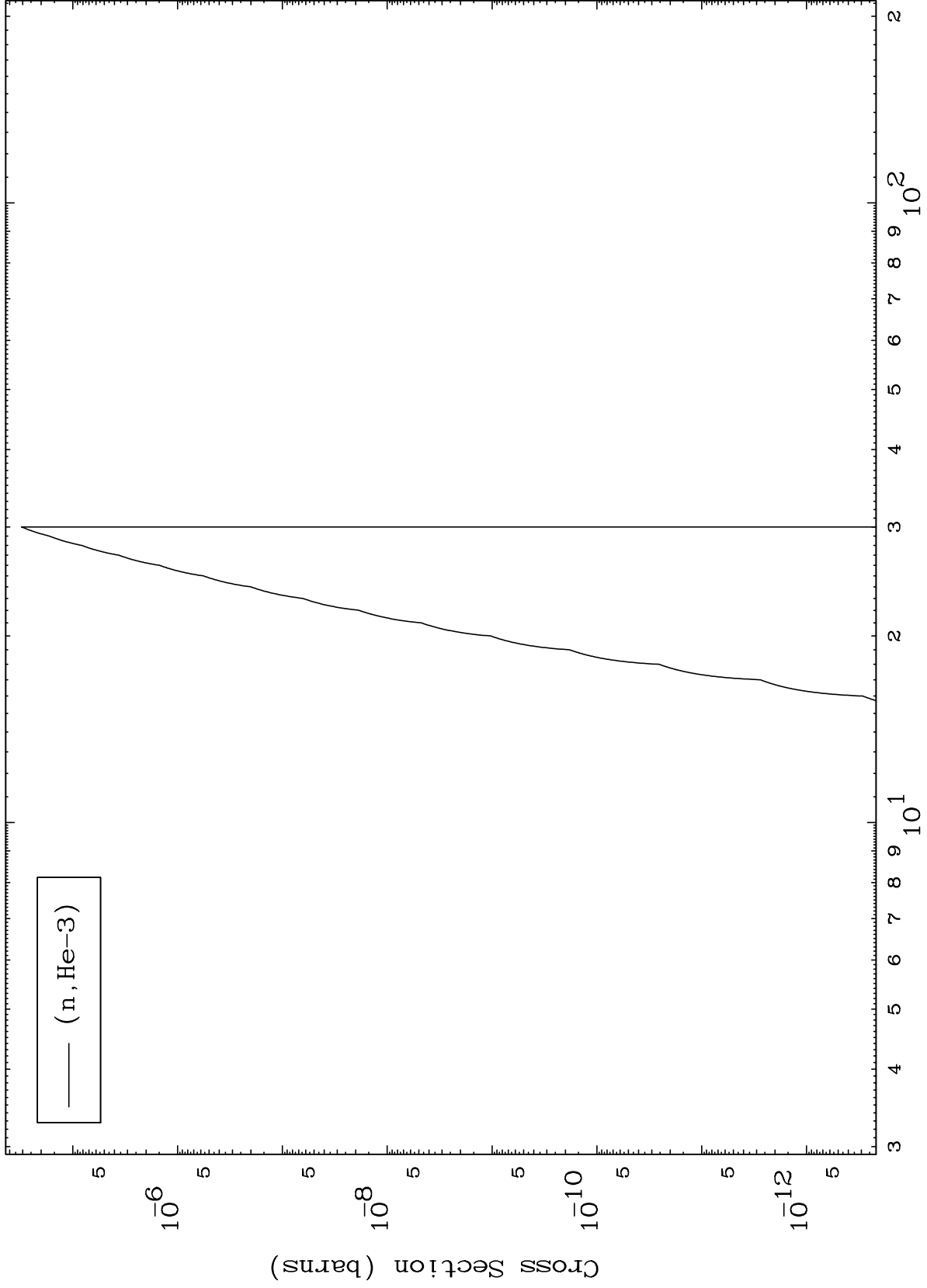
100-Fm-257



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(n,He3) Levels
293 Kelvin Cross Sections

100-Fm-257



12

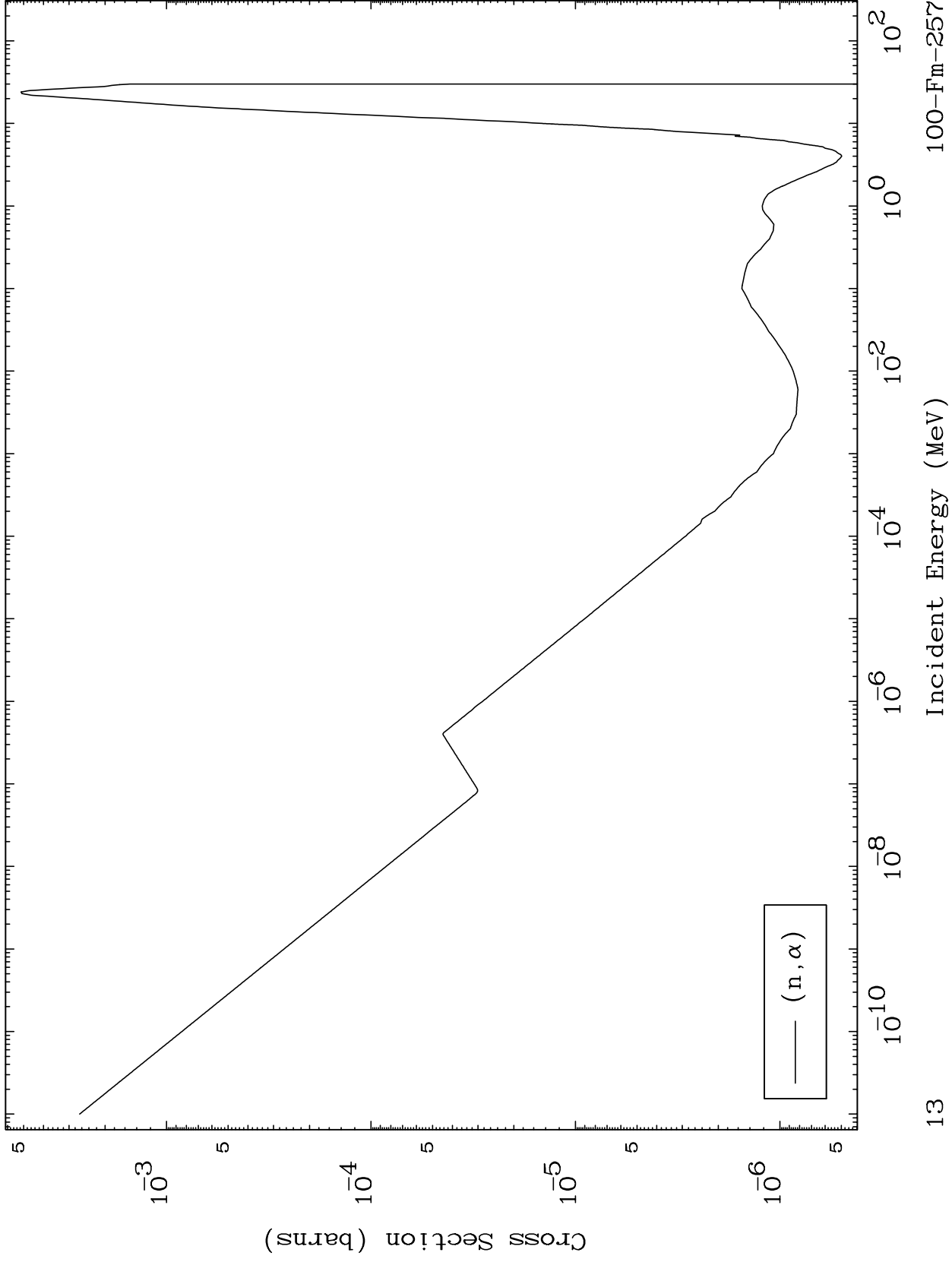
Incident Energy (MeV)

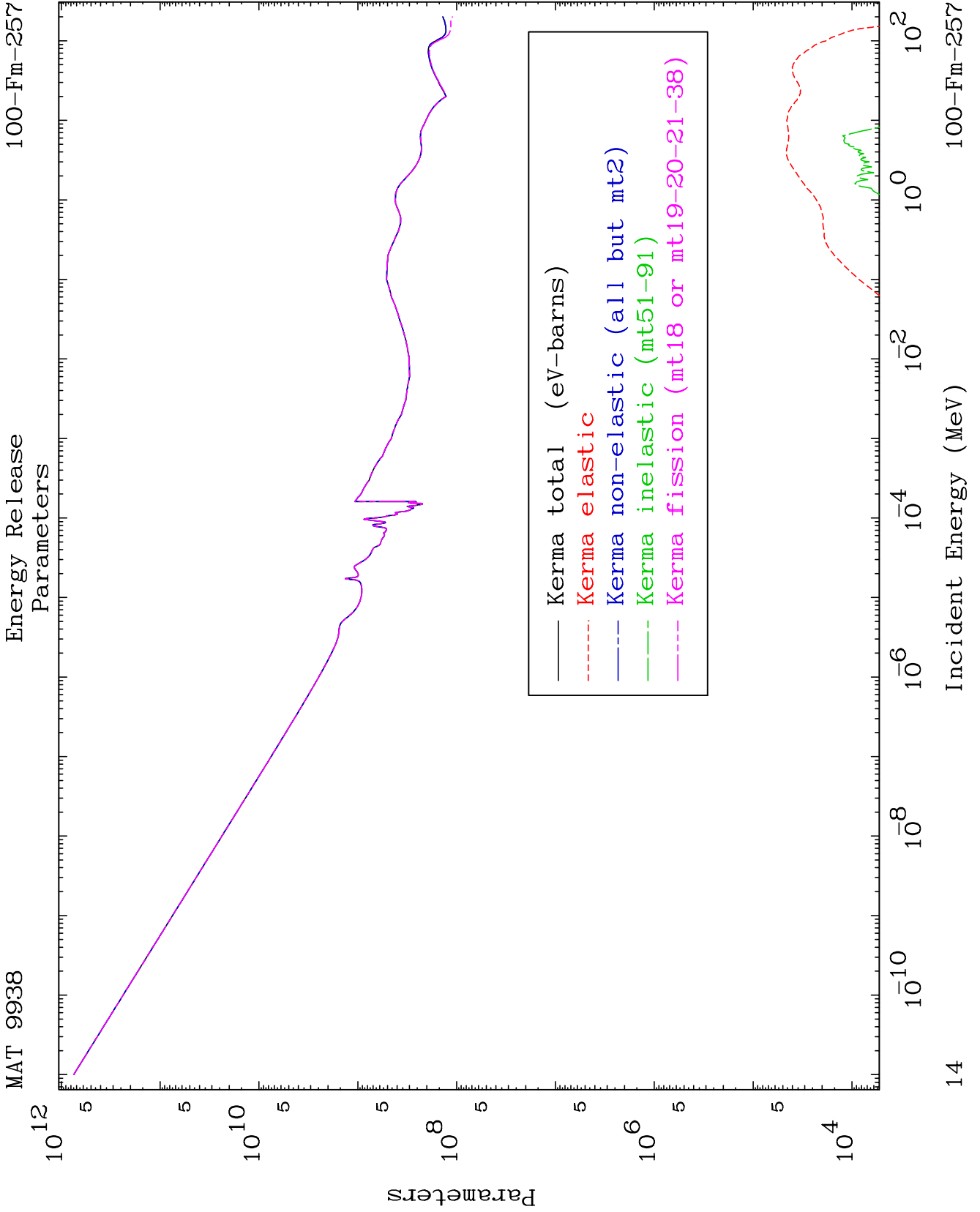
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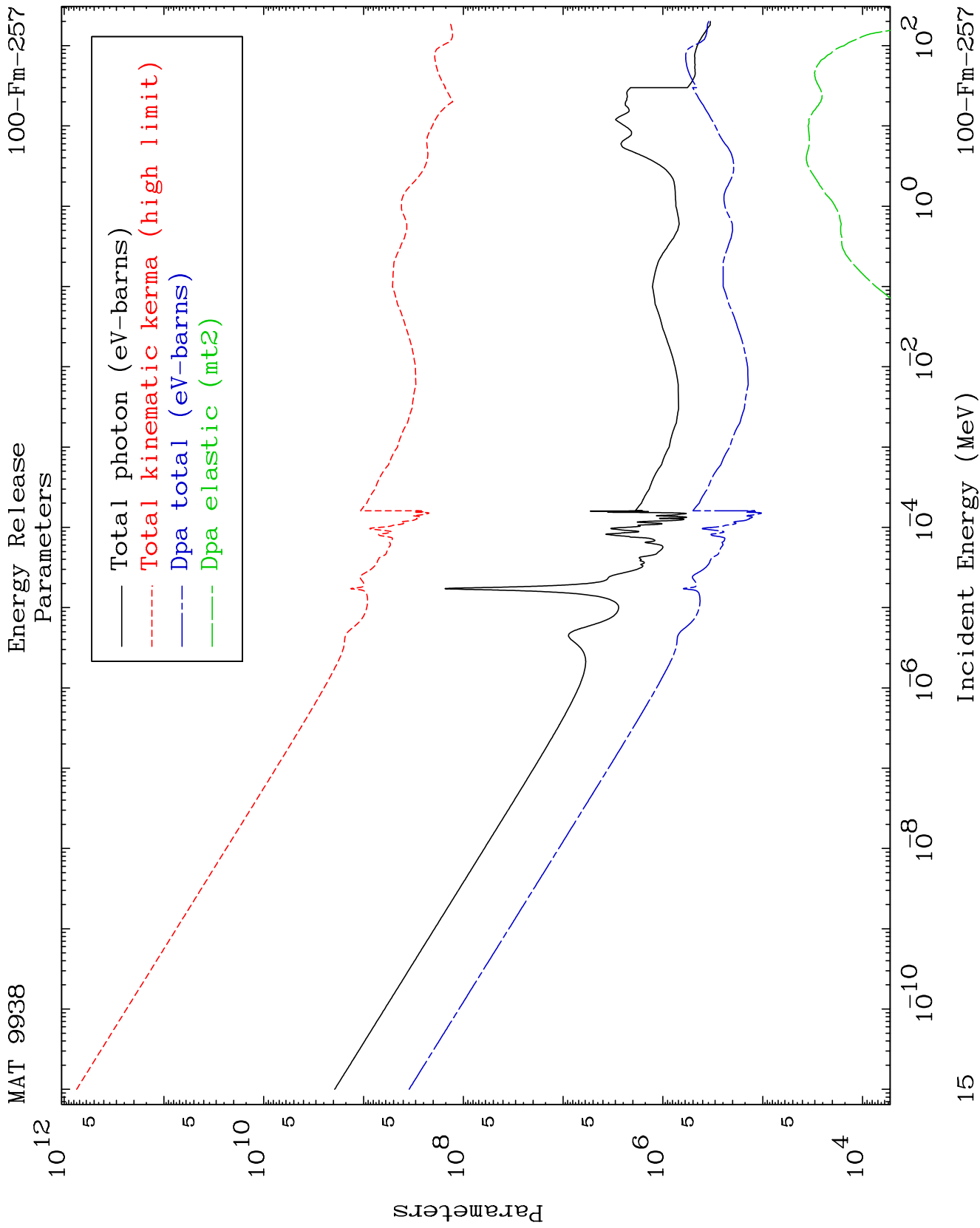
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(n,α) Levels
293 Kelvin Cross Sections

100-Fm-257



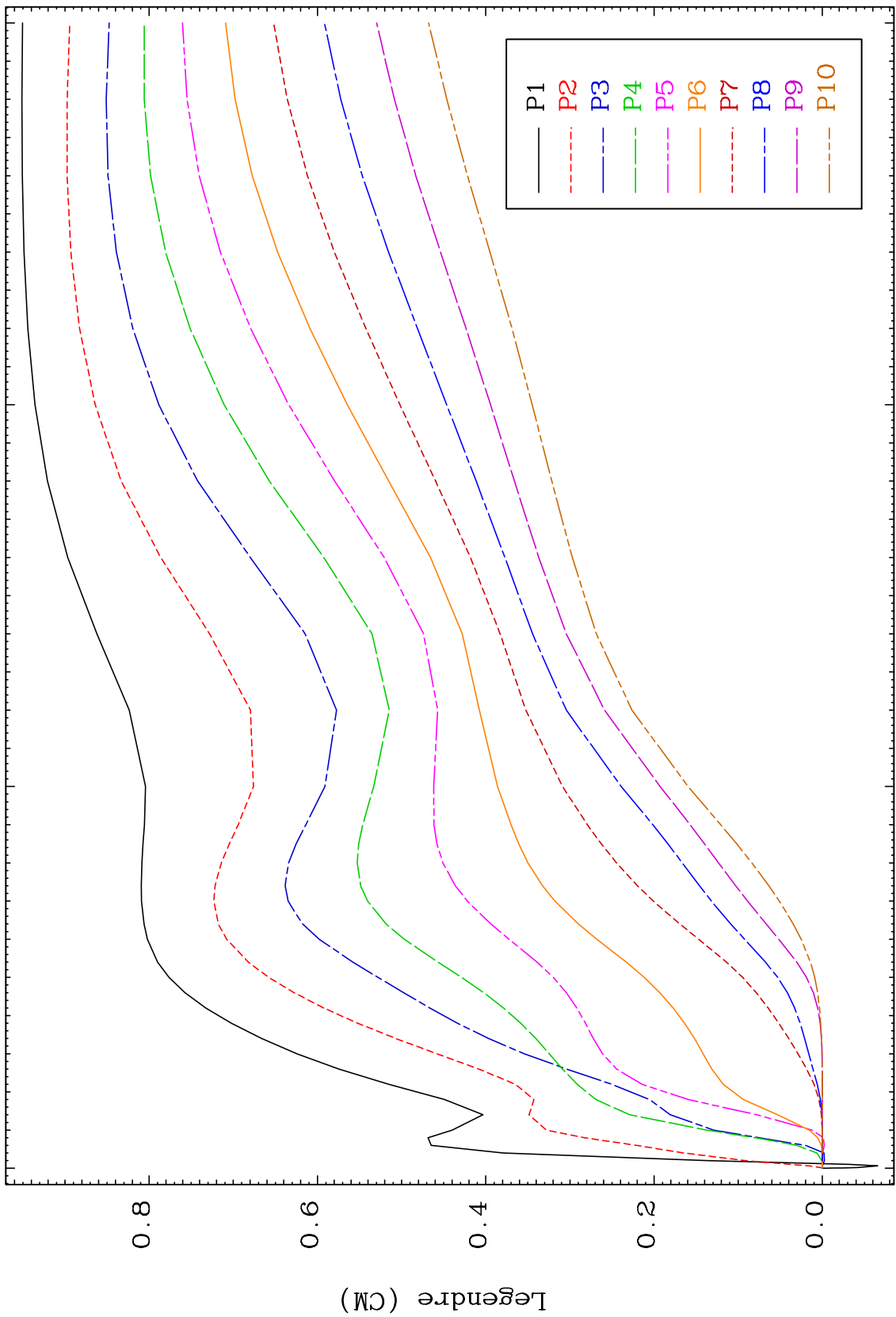




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Elastic Legendre Coefficients

100-Fm-257



30

20

10

0

16

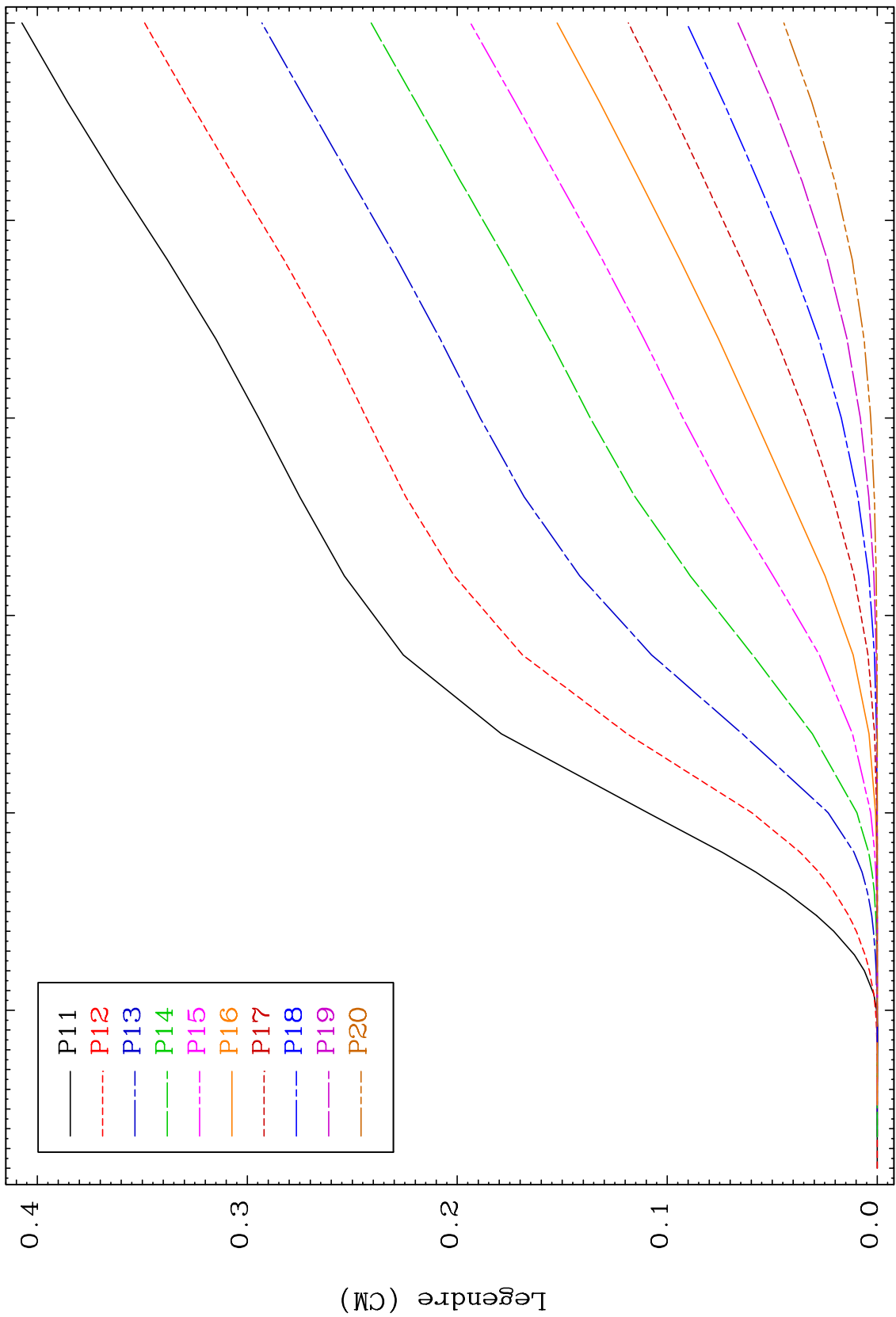
Incident Energy (MeV)

100-Fm-257

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Elastic Legendre Coefficients

100-Fm-257



17

Incident Energy (MeV)

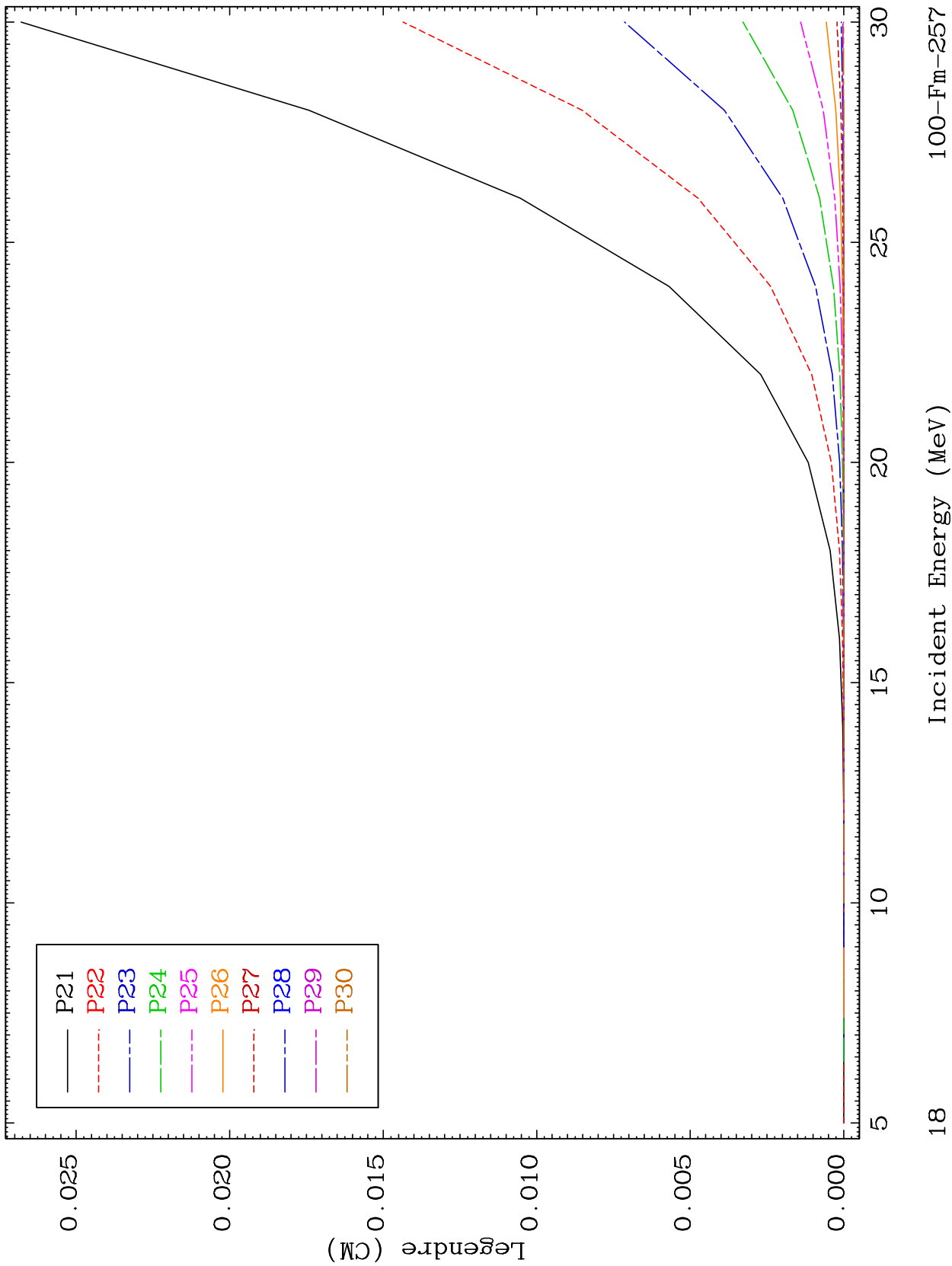
100-Fm-257

- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20

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Elastic Legendre Coefficients

100-Fm-257



18

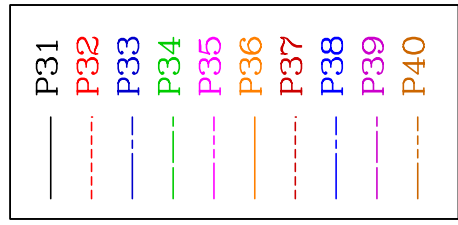
Incident Energy (MeV)

100-Fm-257

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Elastic Legendre Coefficients

100-Fm-257



$\times 10^{-6}$

3

2

1

0

Legendre (CM)

15

20

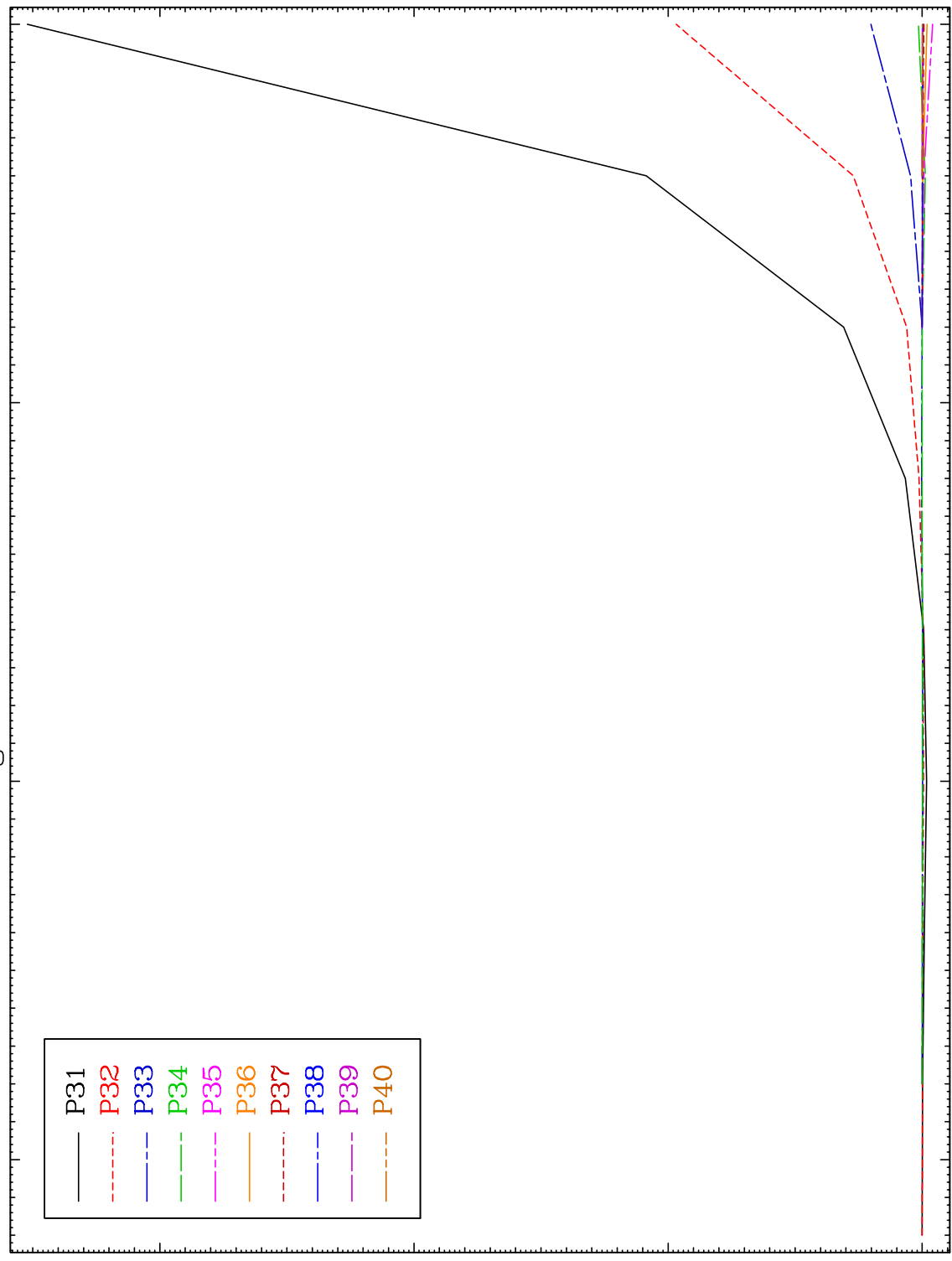
25

30

19

Incident Energy (MeV)

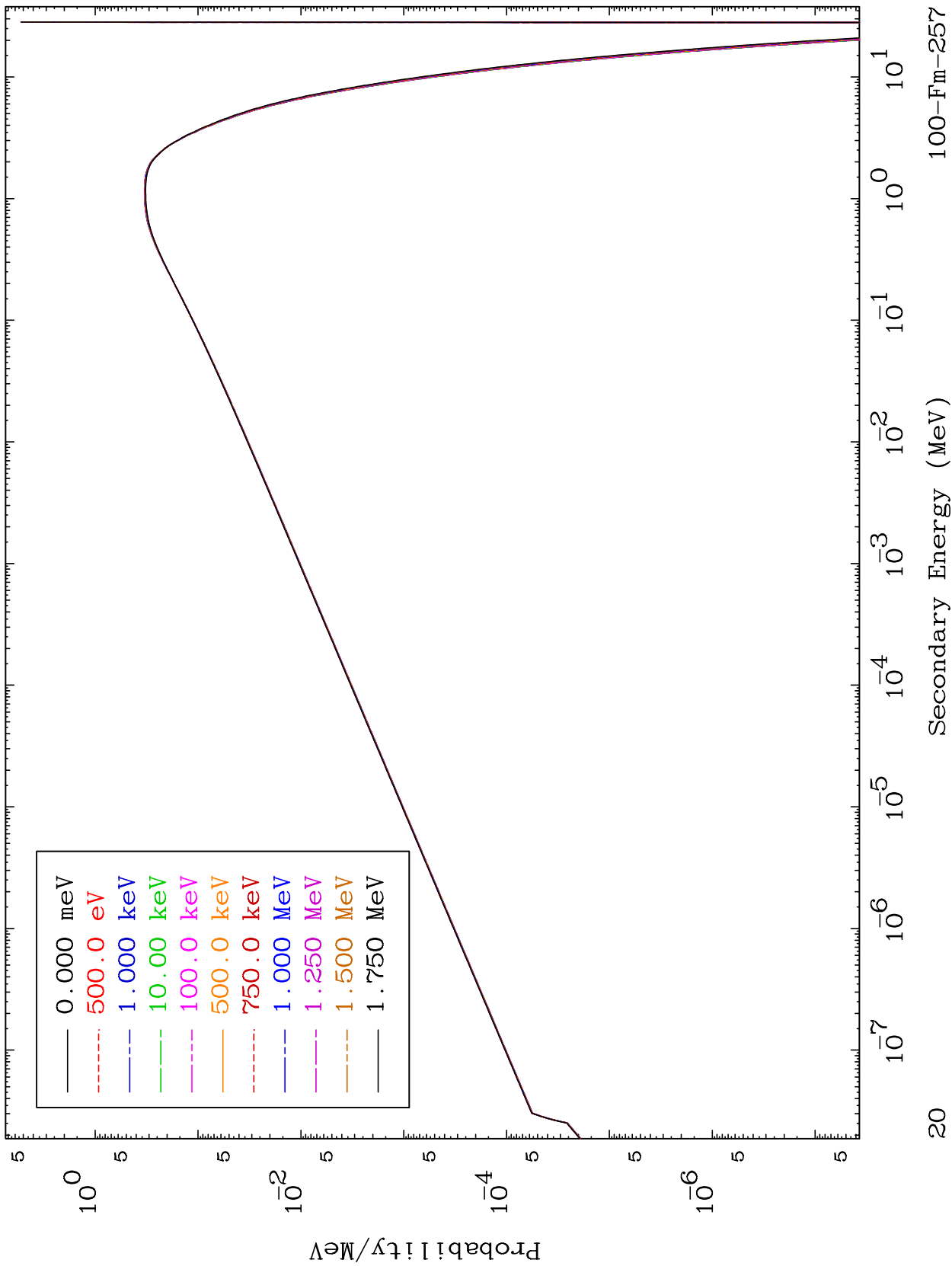
100-Fm-257



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Fission Energy Distribution

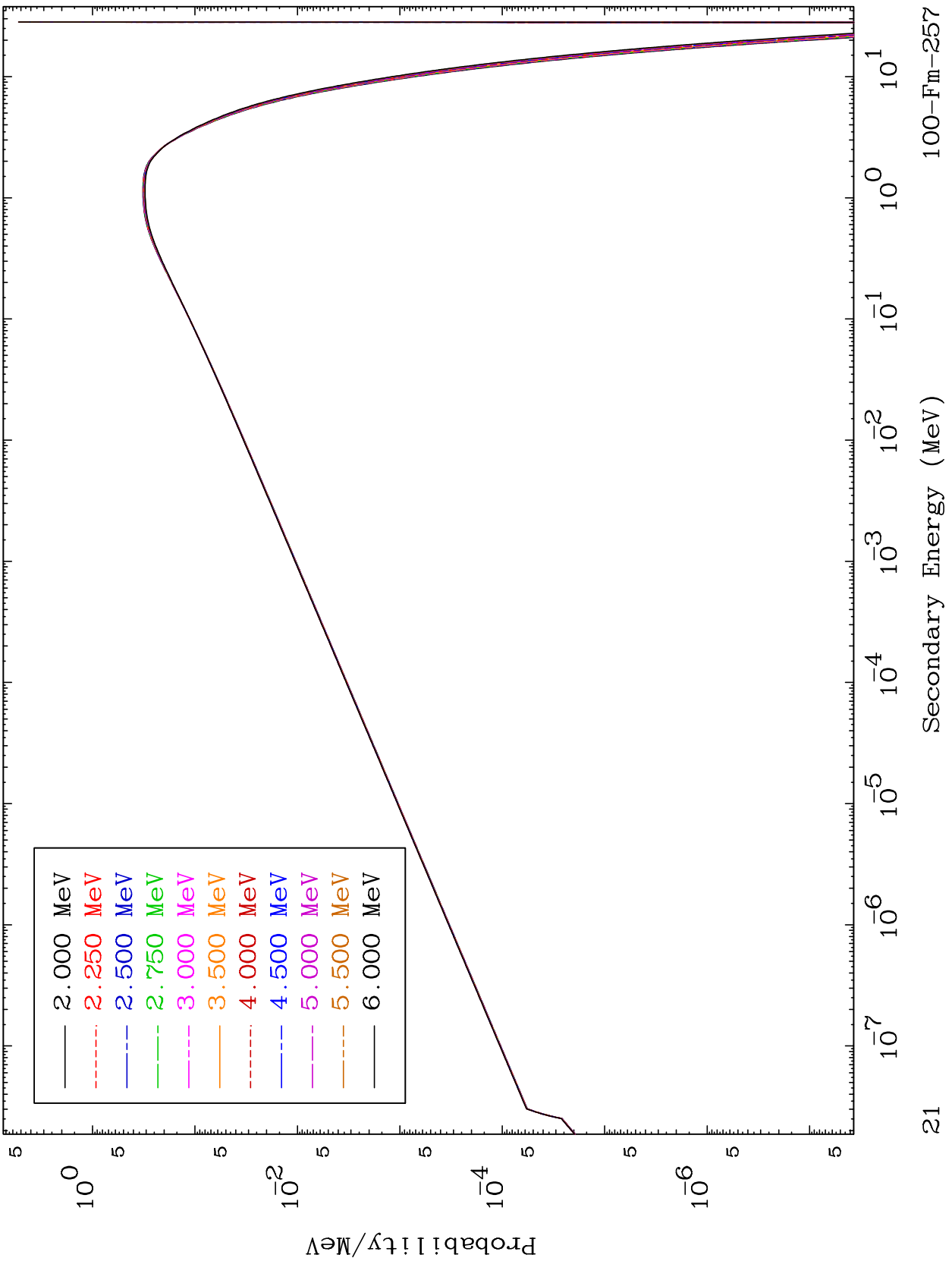
100-Fm-257



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Fission Energy Distribution

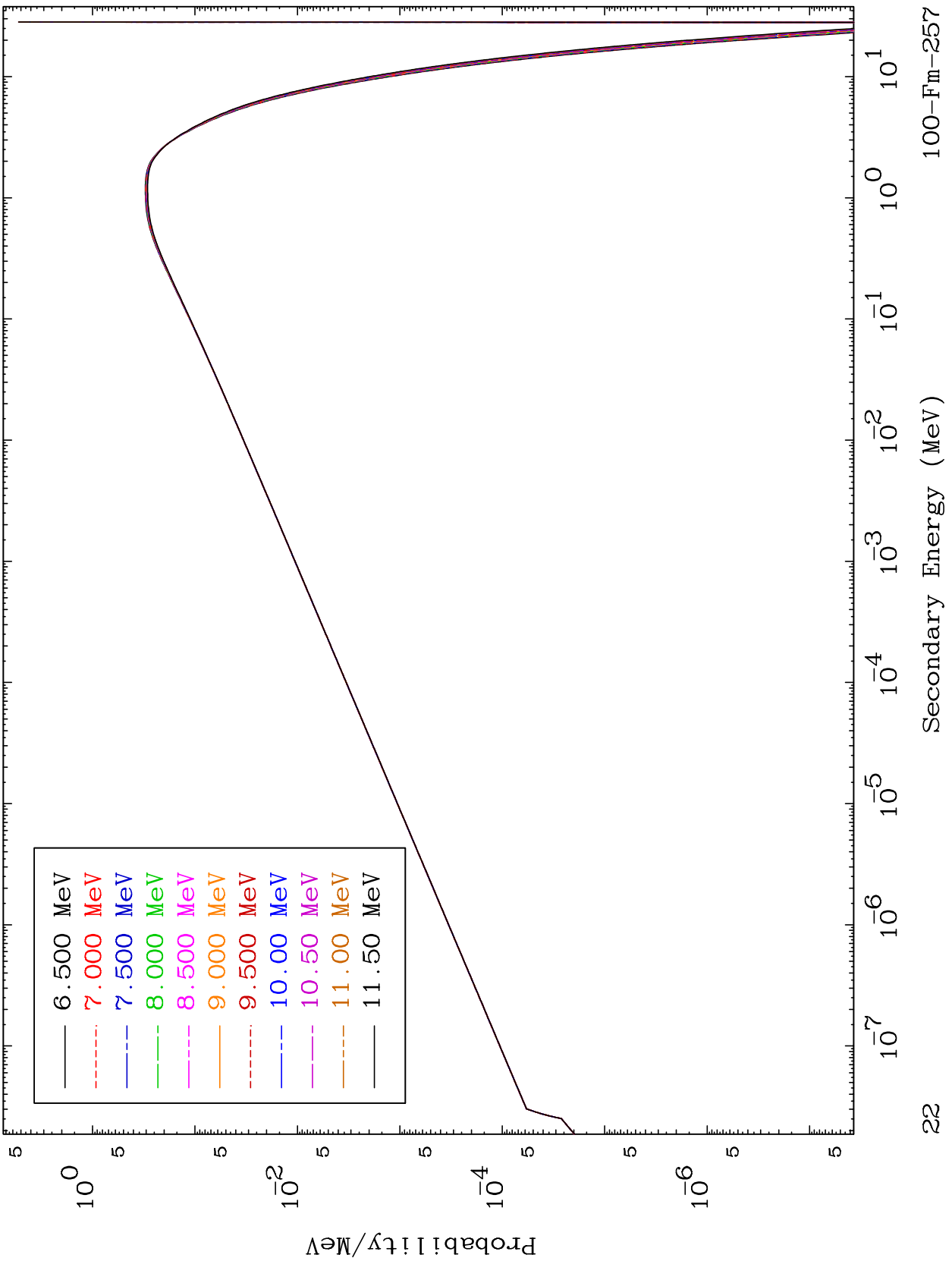
100-Fm-257



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Fission Energy Distribution

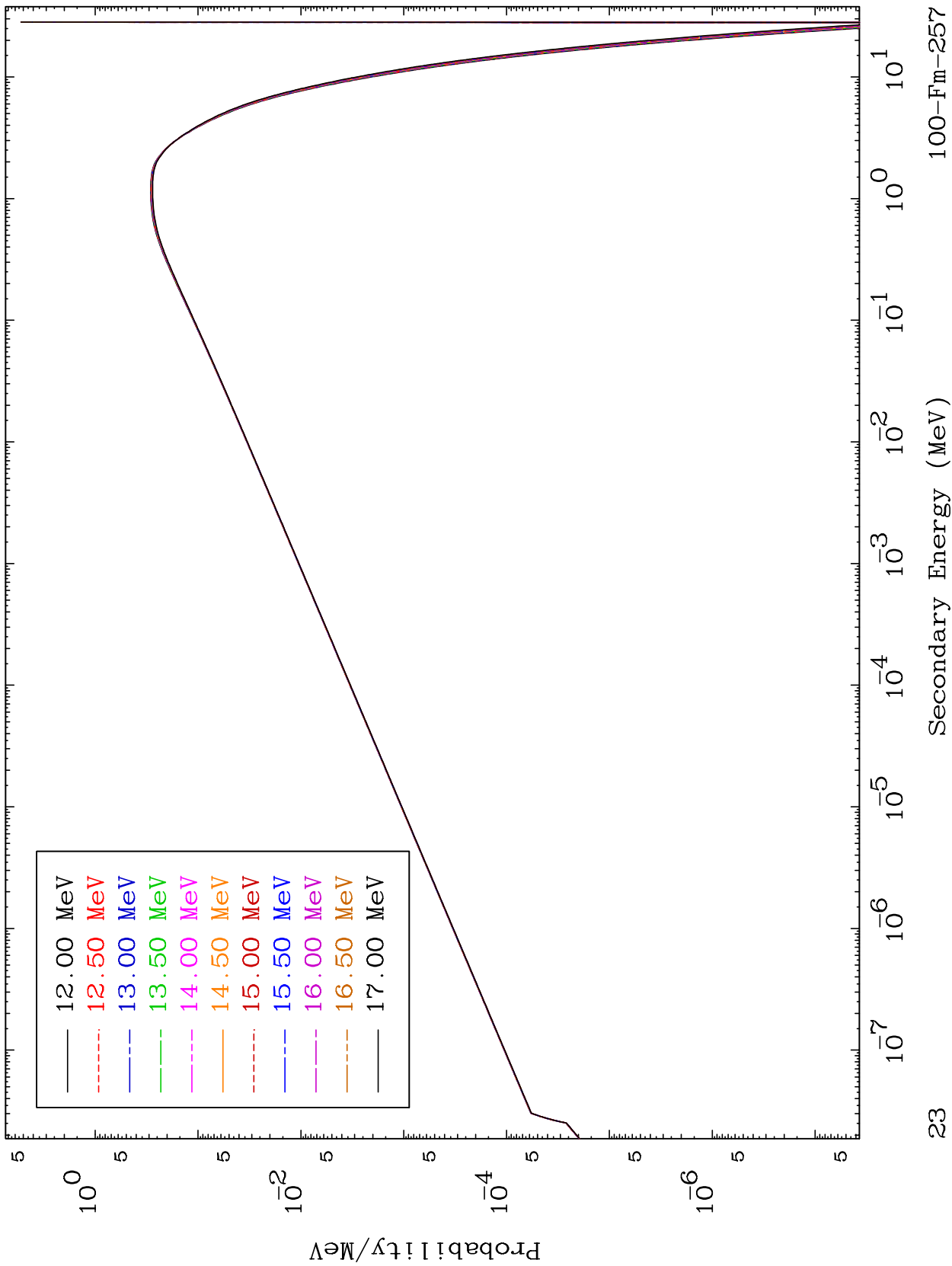
100-Fm-257



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Fission Energy Distribution

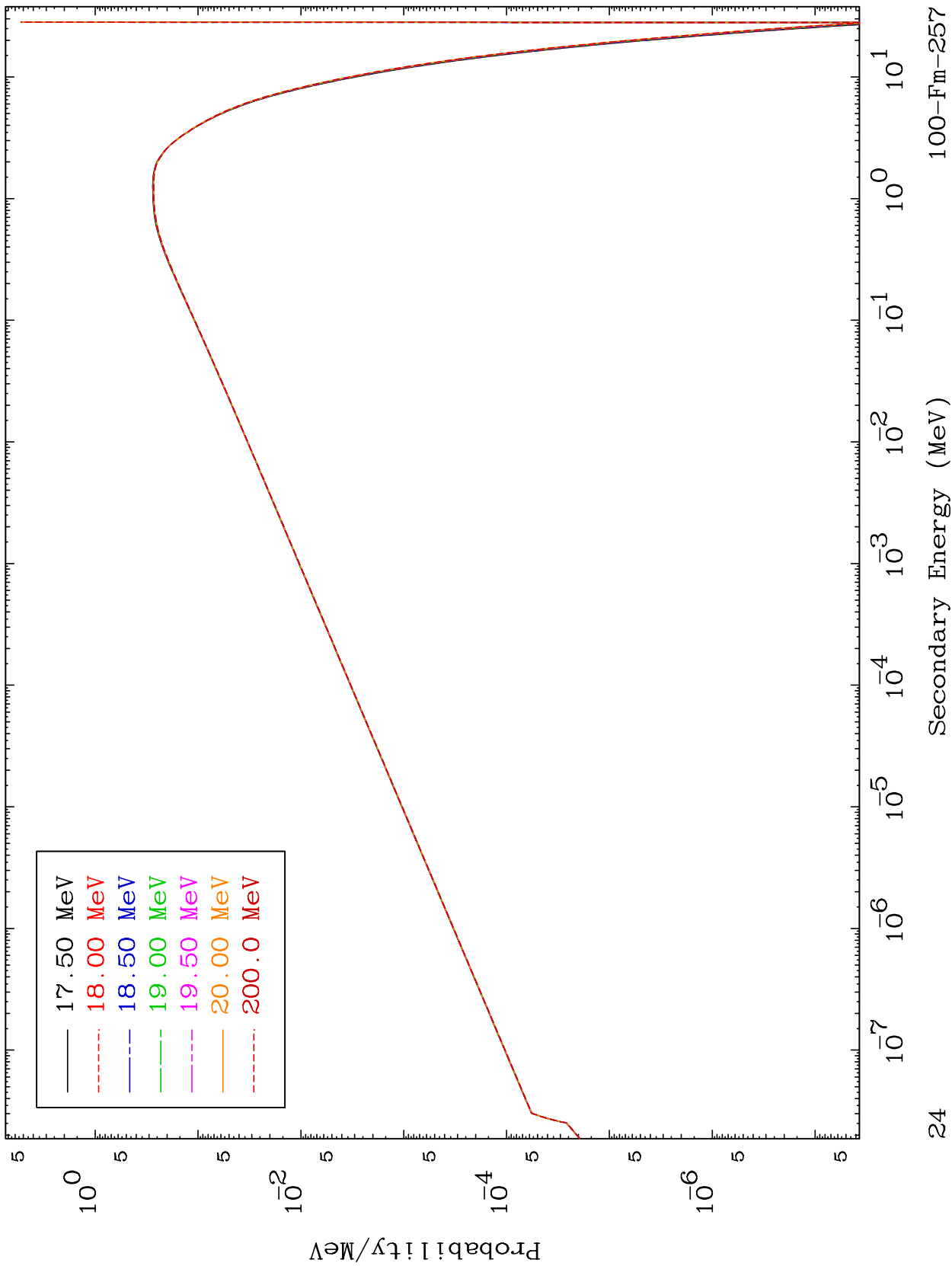
100-Fm-257



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Fission Energy Distribution

100-Fm-257



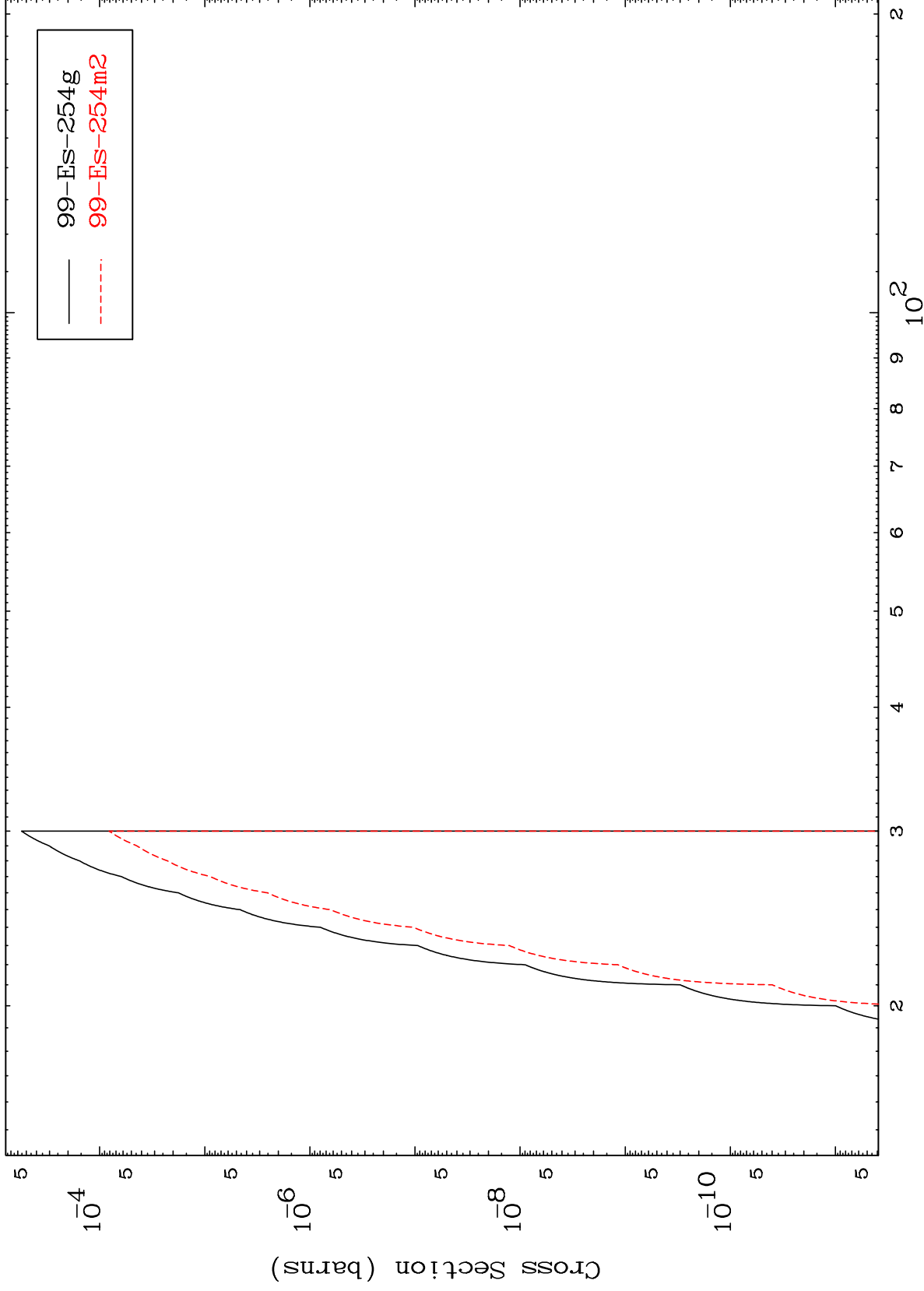
100-Fm-257

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(n,2n) d

100-Fm-257

Radionuclide Production Cross Section



25

Incident Energy (MeV)

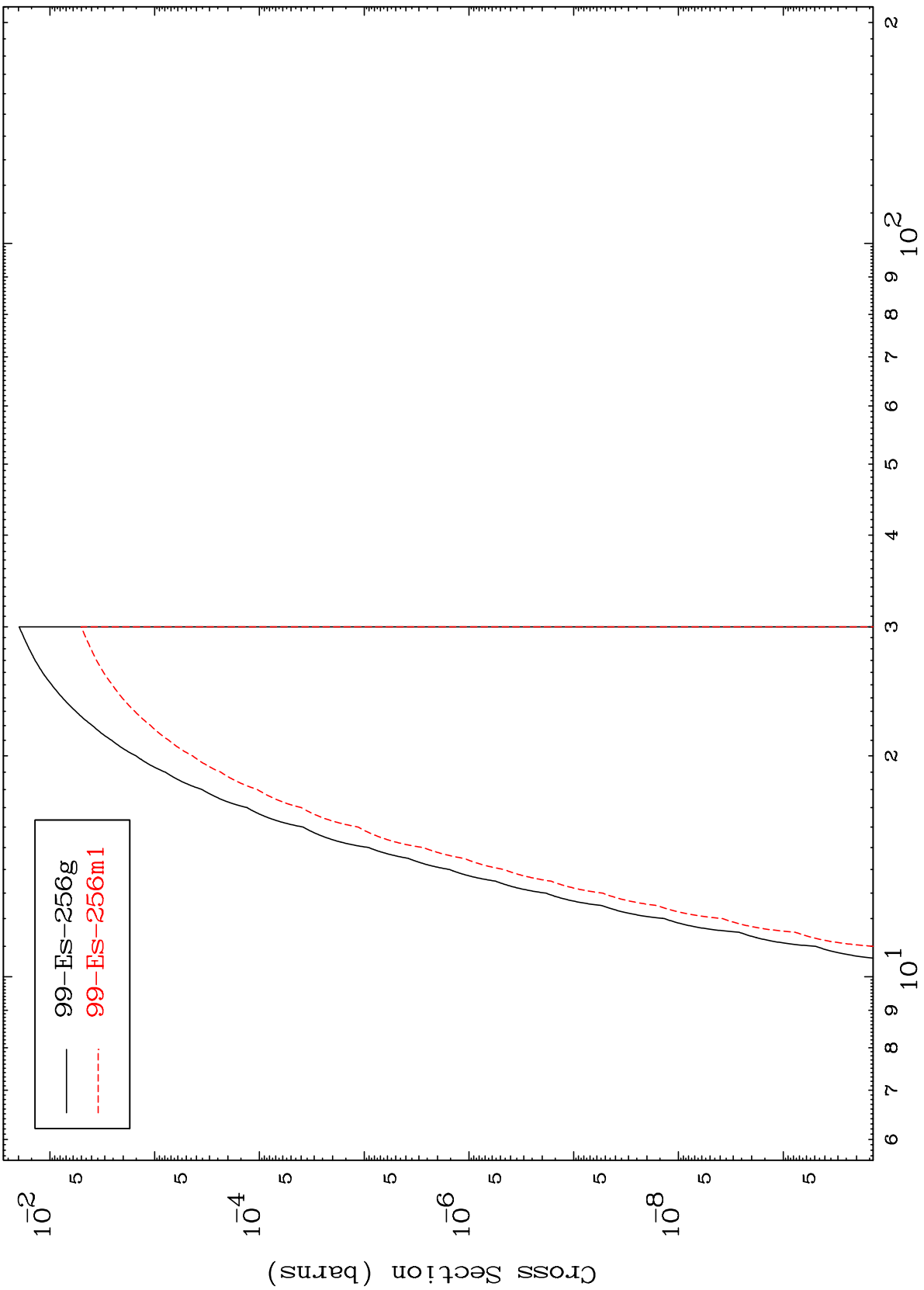
100-Fm-257

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(n,n') p

100-Fm-257

Radionuclide Production Cross Section



99-Es-256g
99-Es-256m1

26

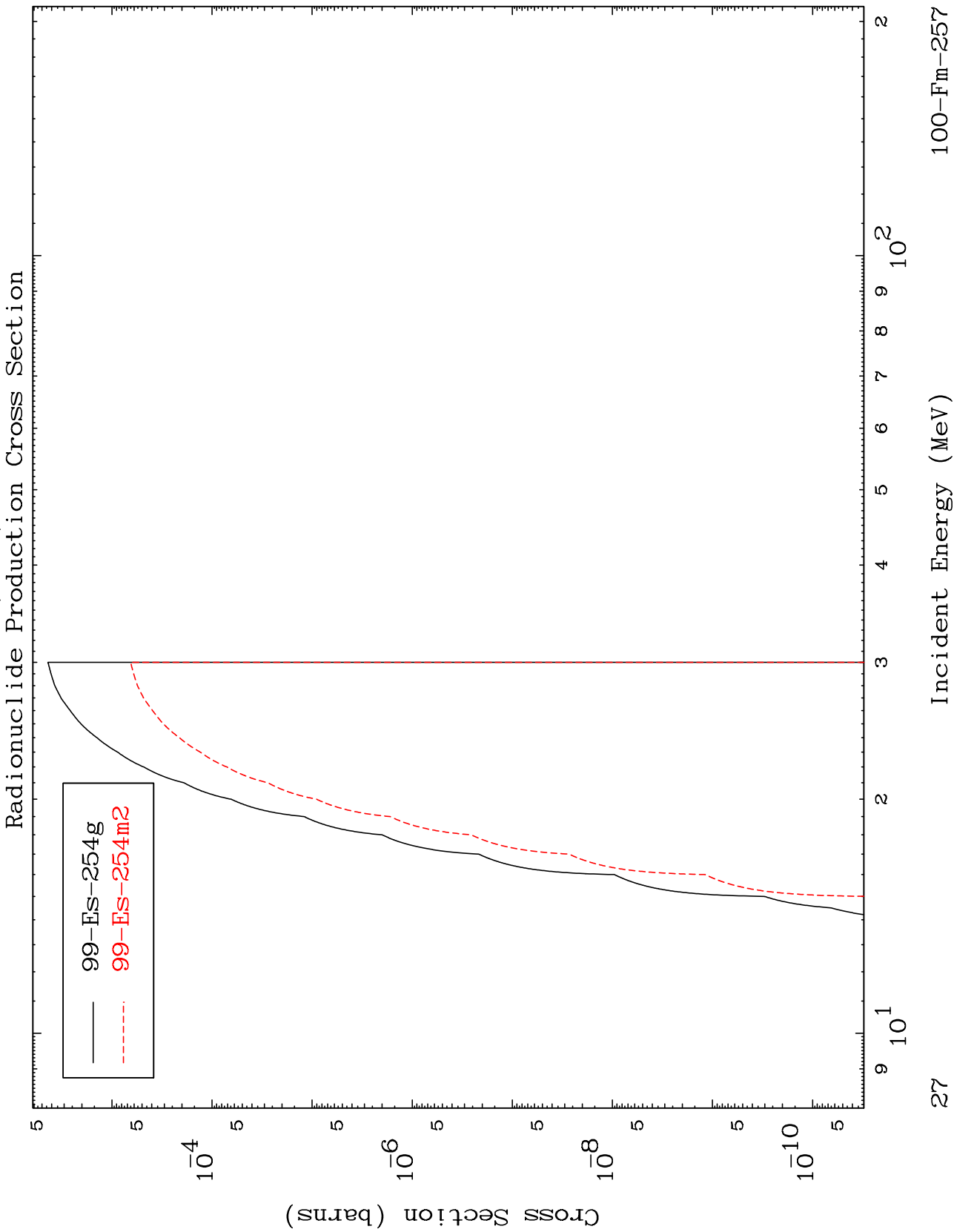
Incident Energy (MeV)

100-Fm-257

MAT 9938

(n,n') t

100-Fm-257



27

Incident Energy (MeV)

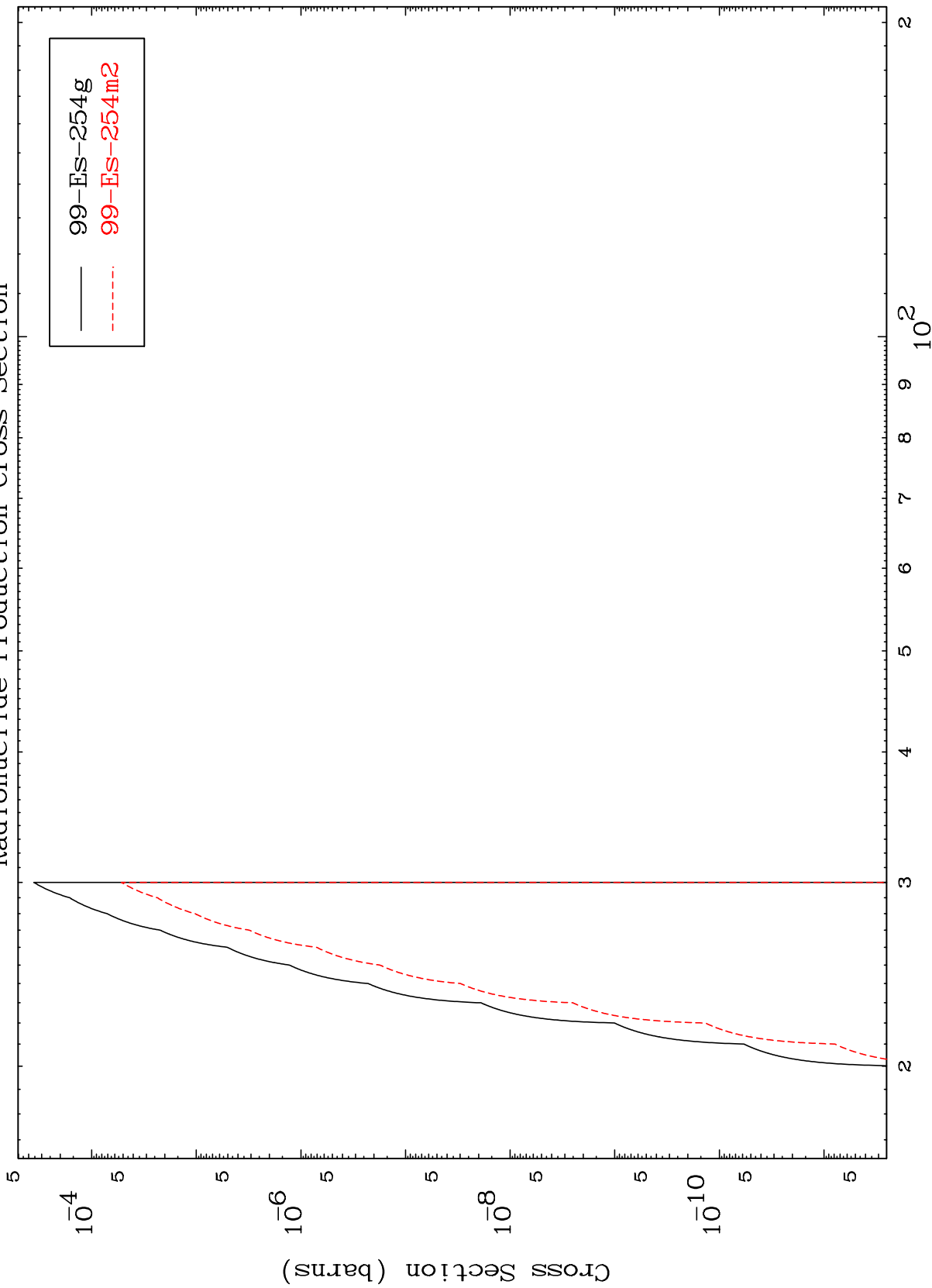
100-Fm-257

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(n,3n) p

100-Fm-257

Radionuclide Production Cross Section



28

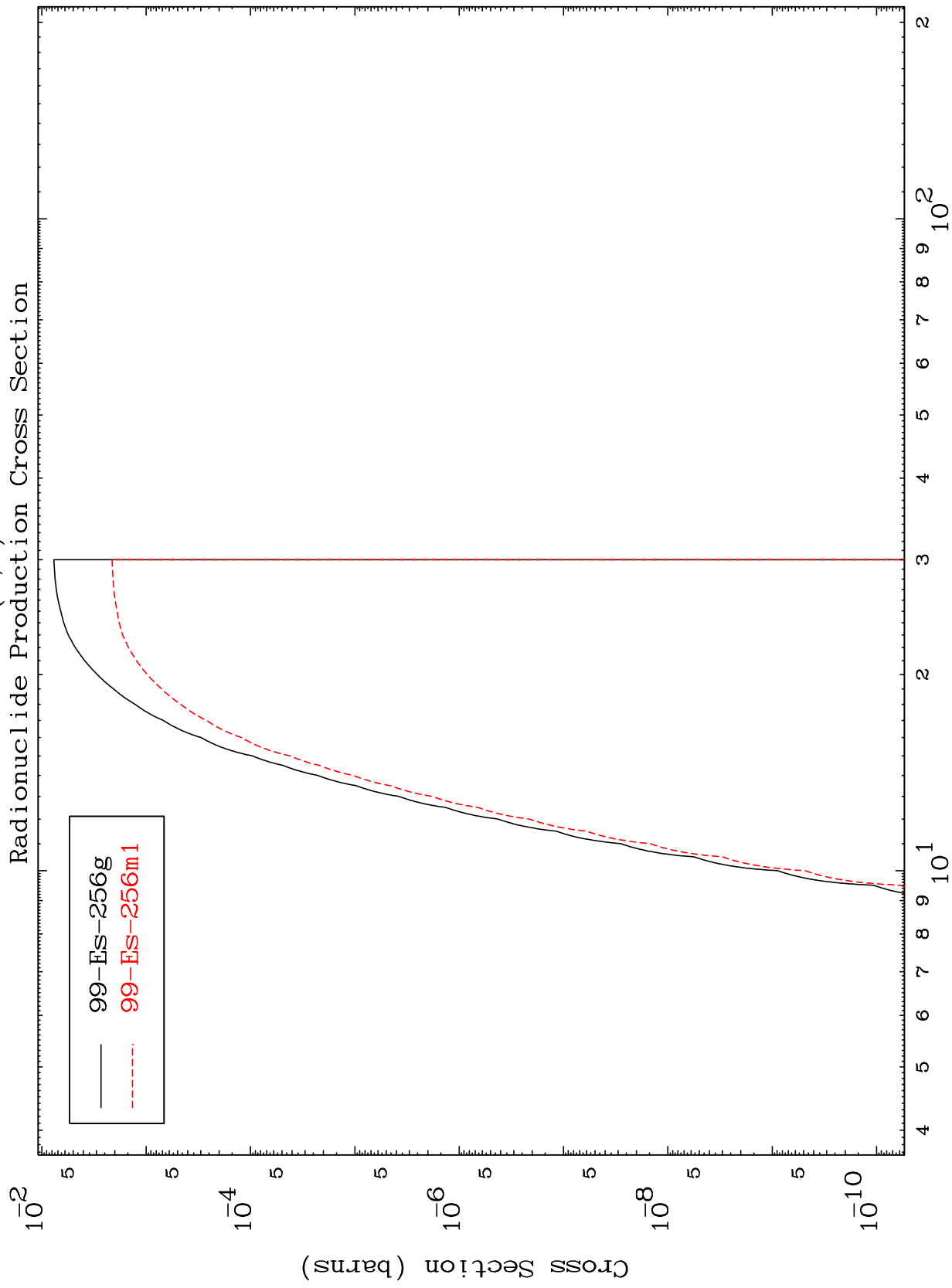
Incident Energy (MeV)

100-Fm-257

MAT 9938

(n, d)

100-Fm-257



29

Incident Energy (MeV)

100-Fm-257