

Program EVALPLOT
(Version 2017-1)

by

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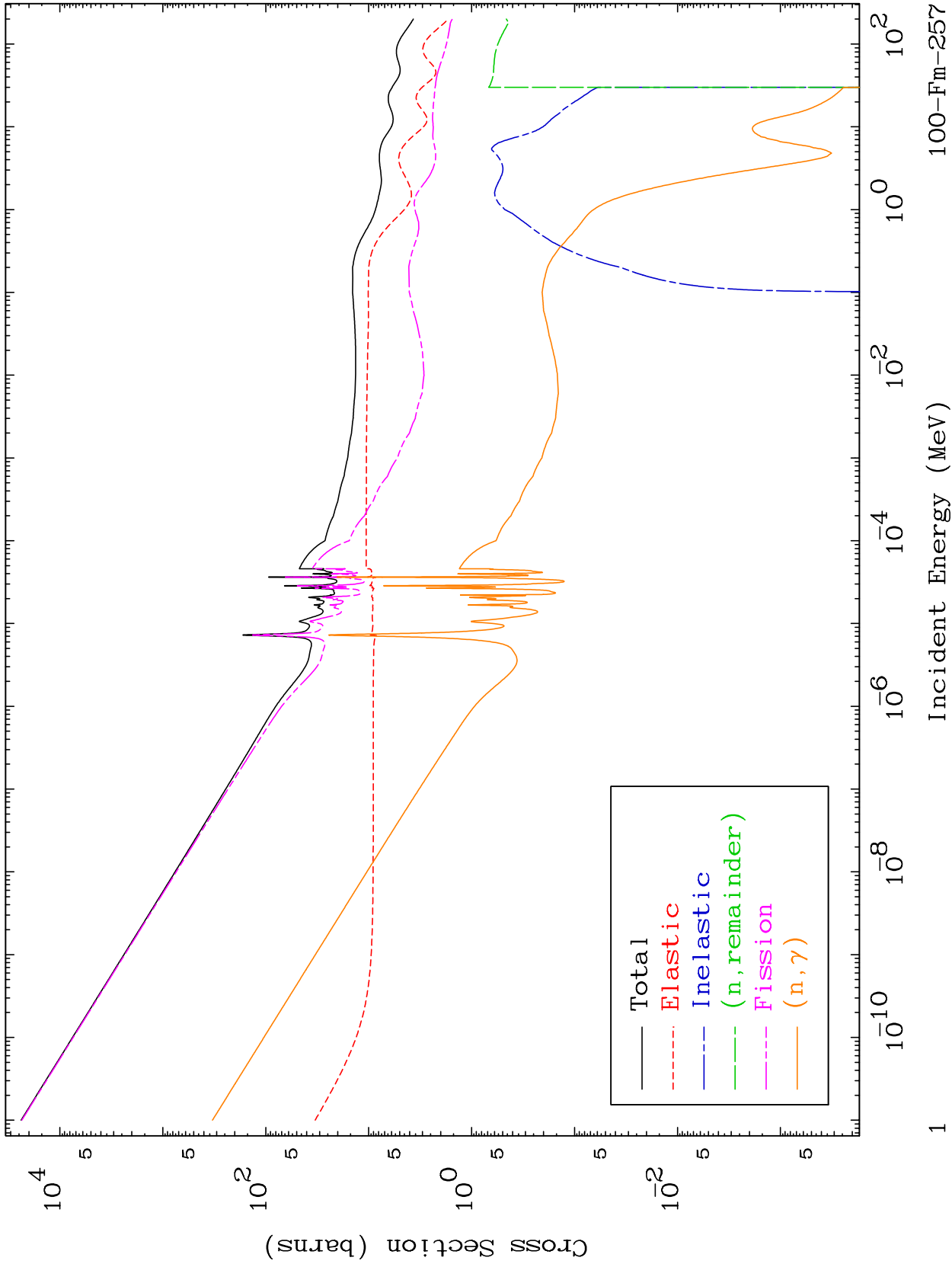
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9938

Major
293 Kelvin Cross Sections

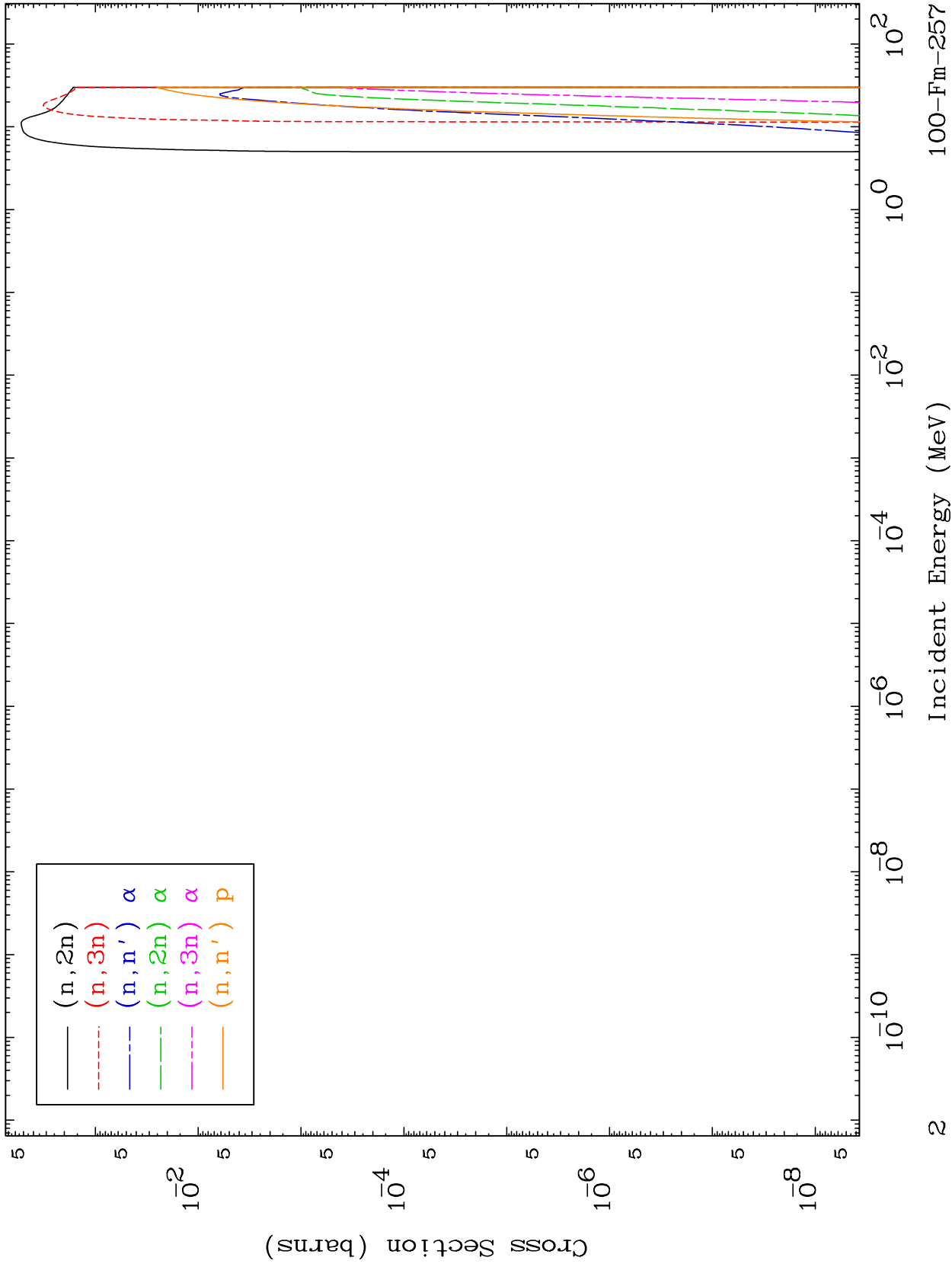
100-Fm-257

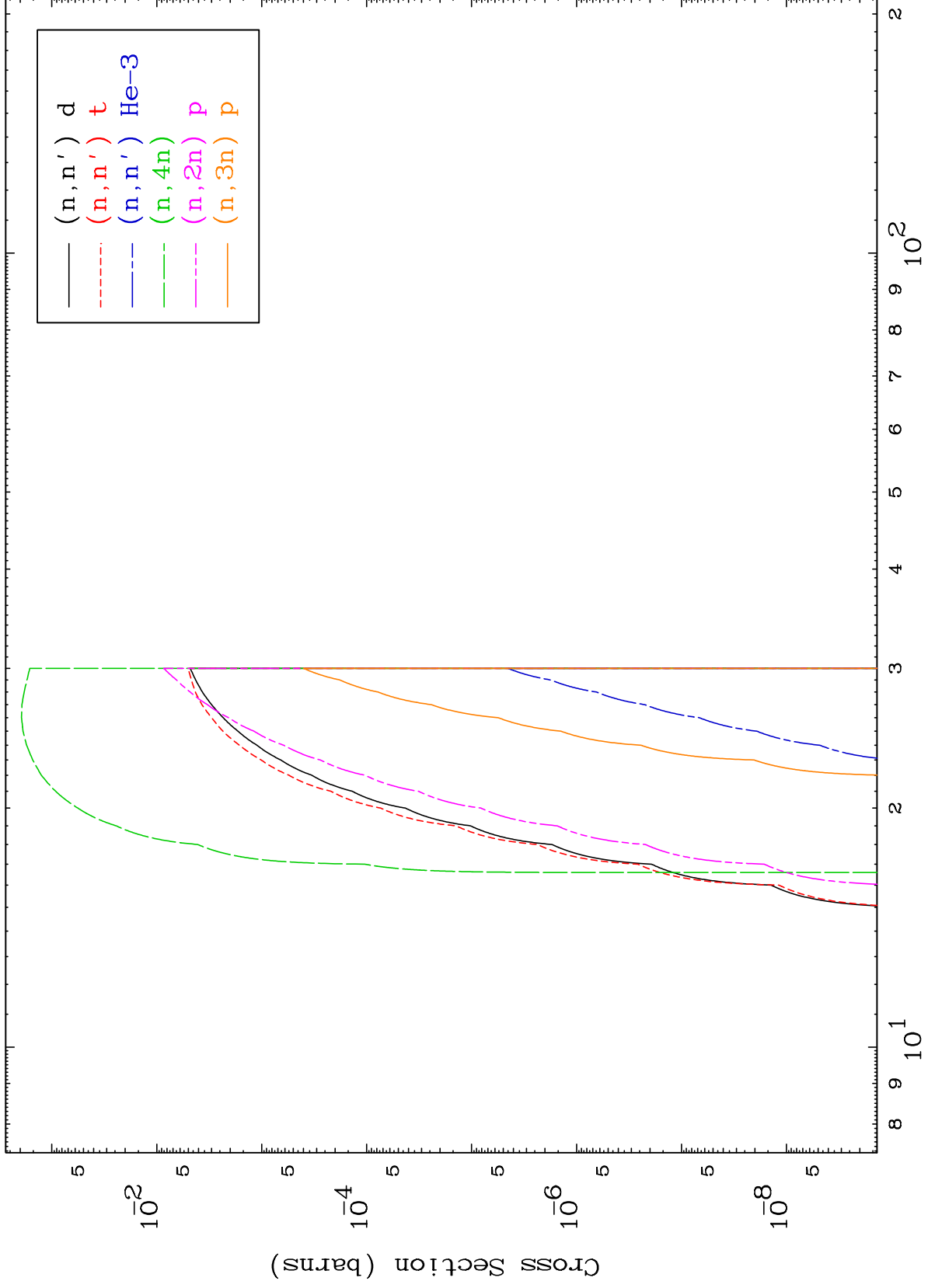


MAT 9938

Neutron Production
293 Kelvin Cross Sections

100-Fm-257

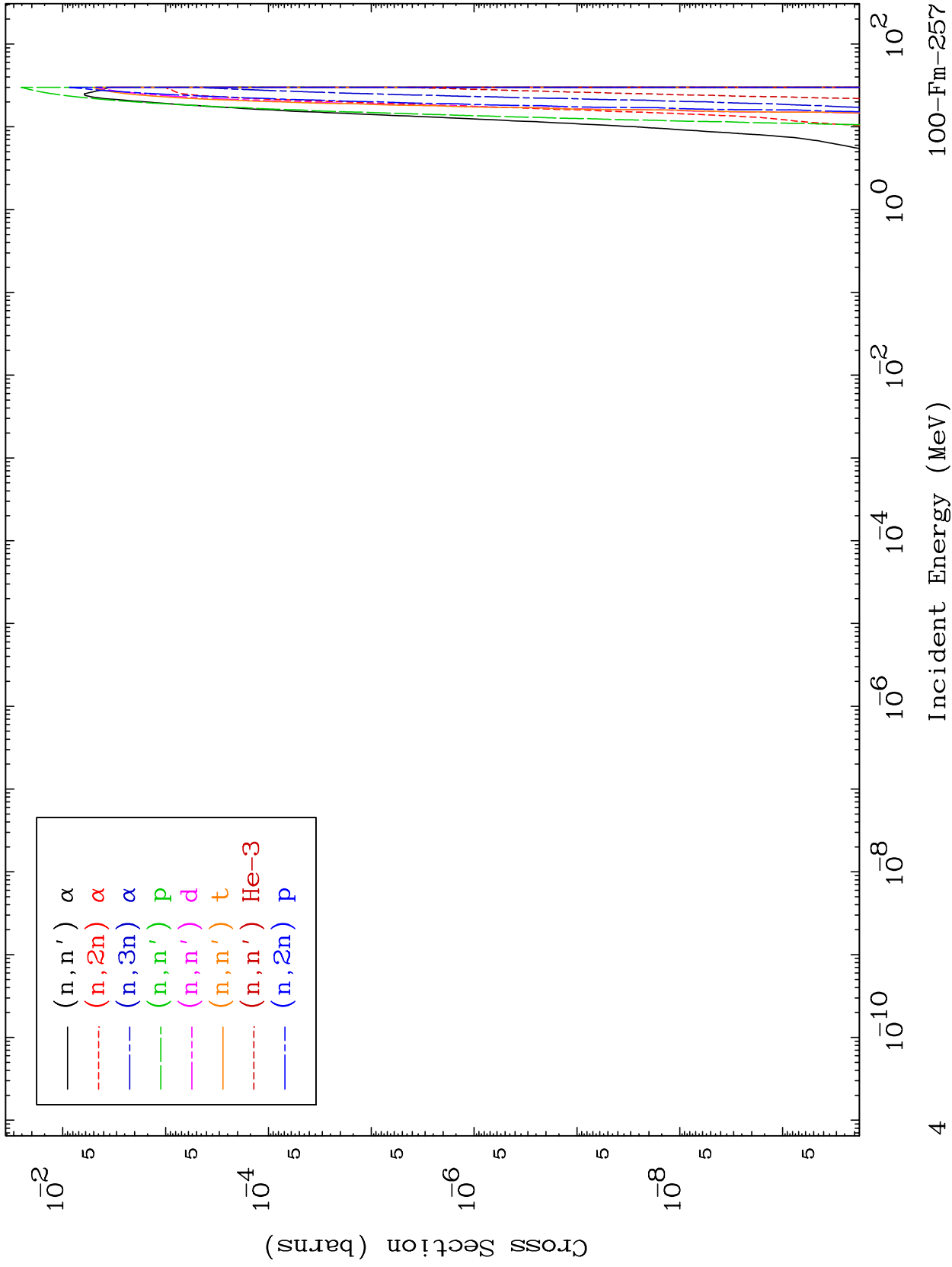




MAT 9938

Charged Particle
293 Kelvin Cross Sections

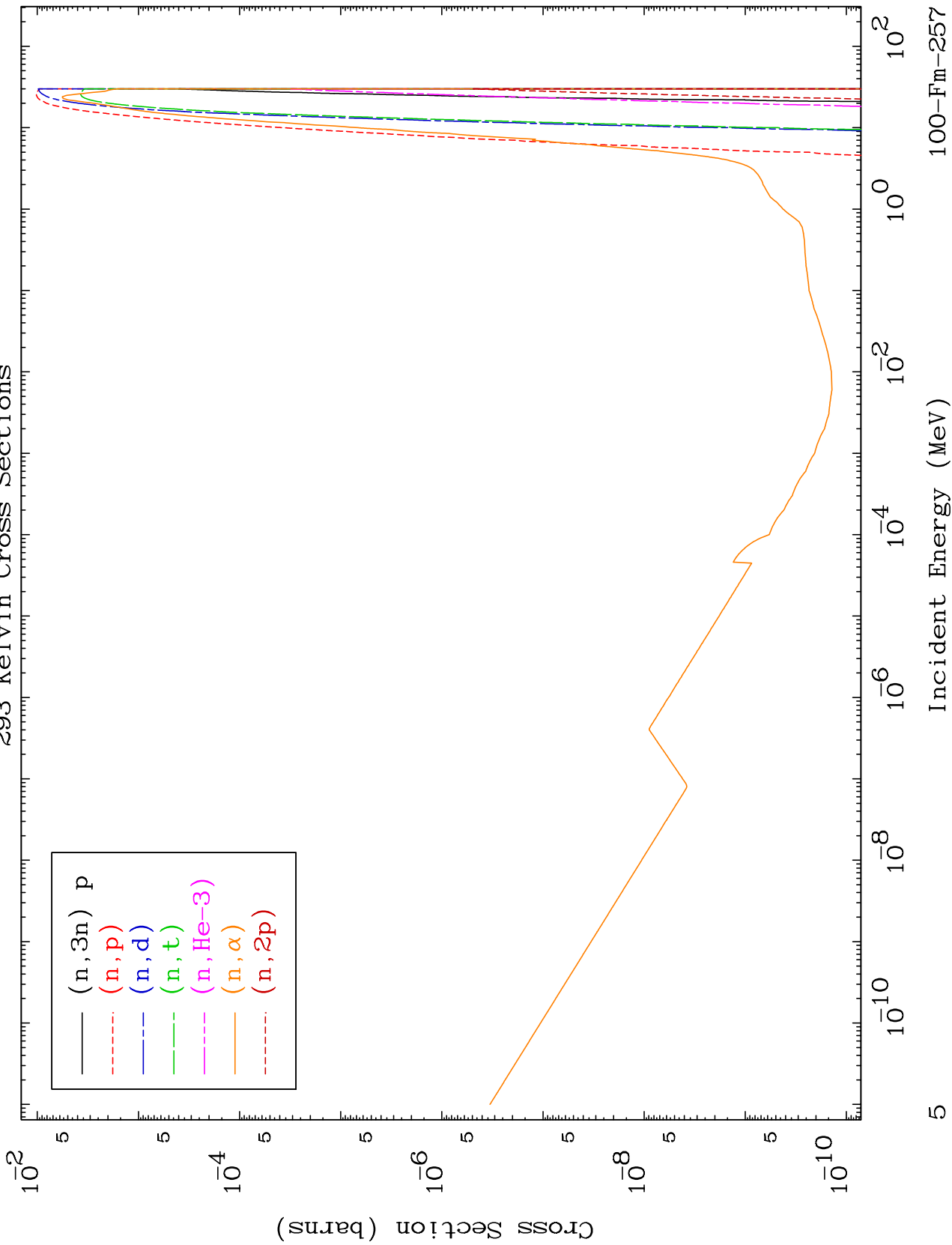
100-Fm-257



MAT 9938

Charged Particle
293 Kelvin Cross Sections

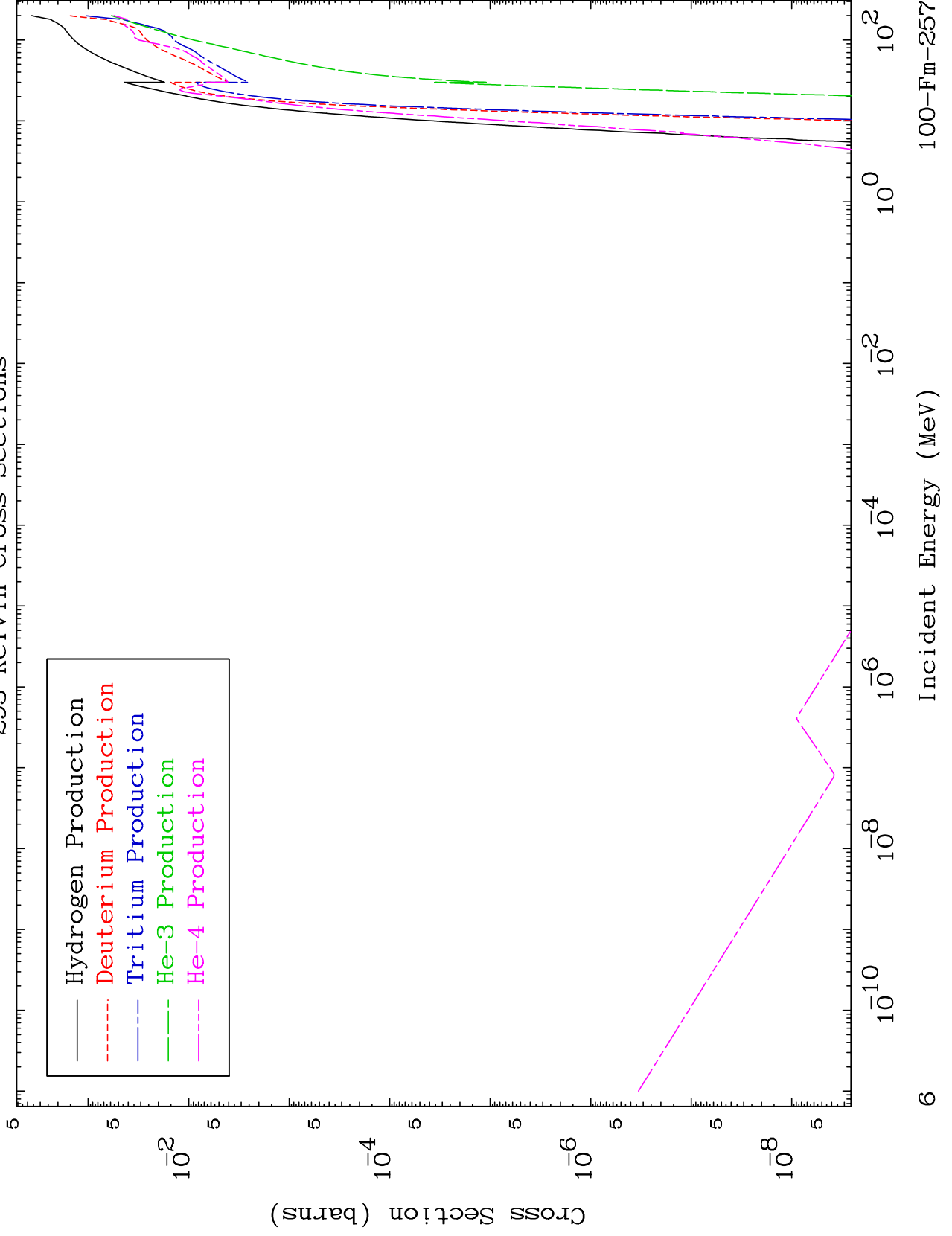
100-Fm-257



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Particle Production
293 Kelvin Cross Sections

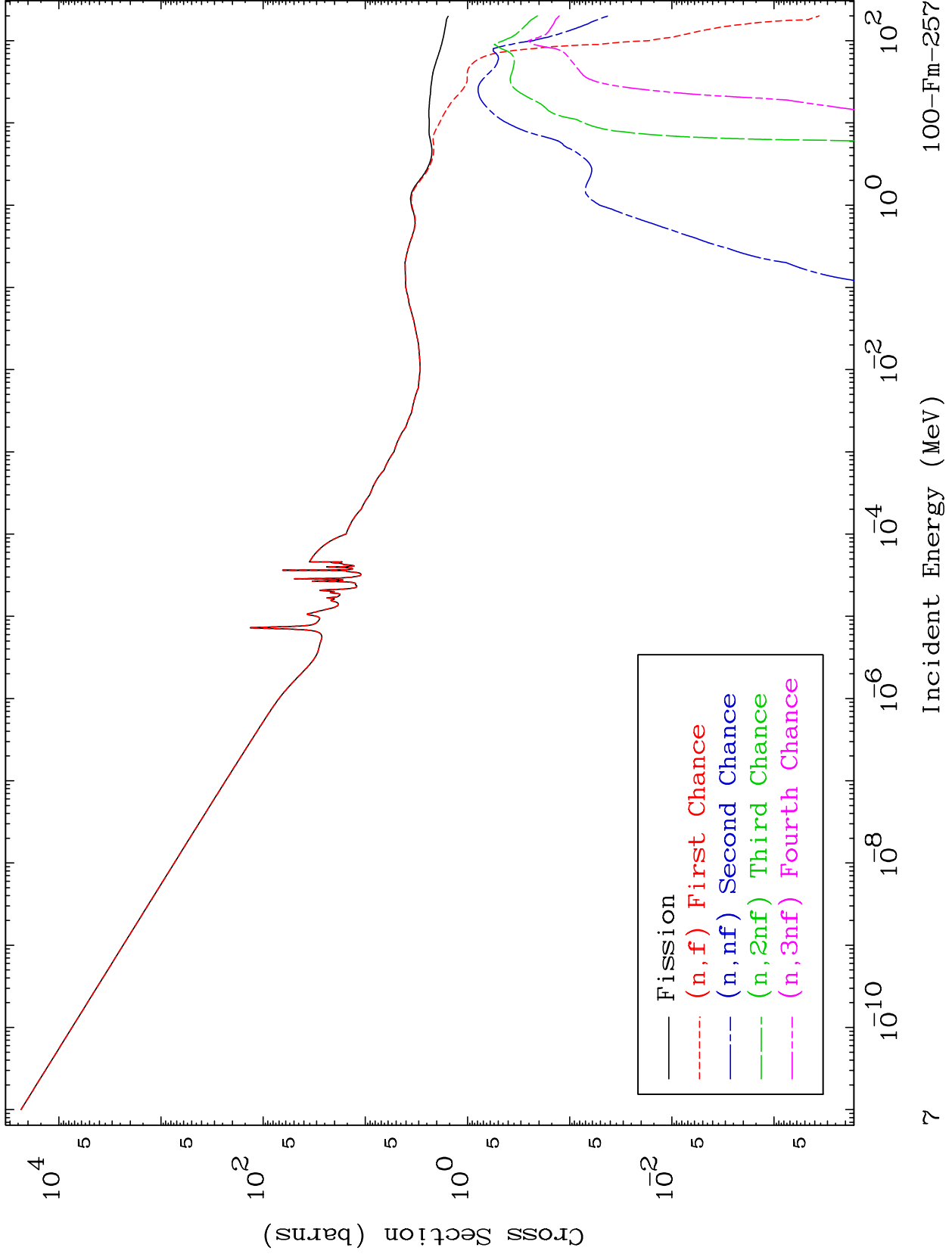
100-Fm-257



MAT 9938

Fission
293 Kelvin Cross Sections

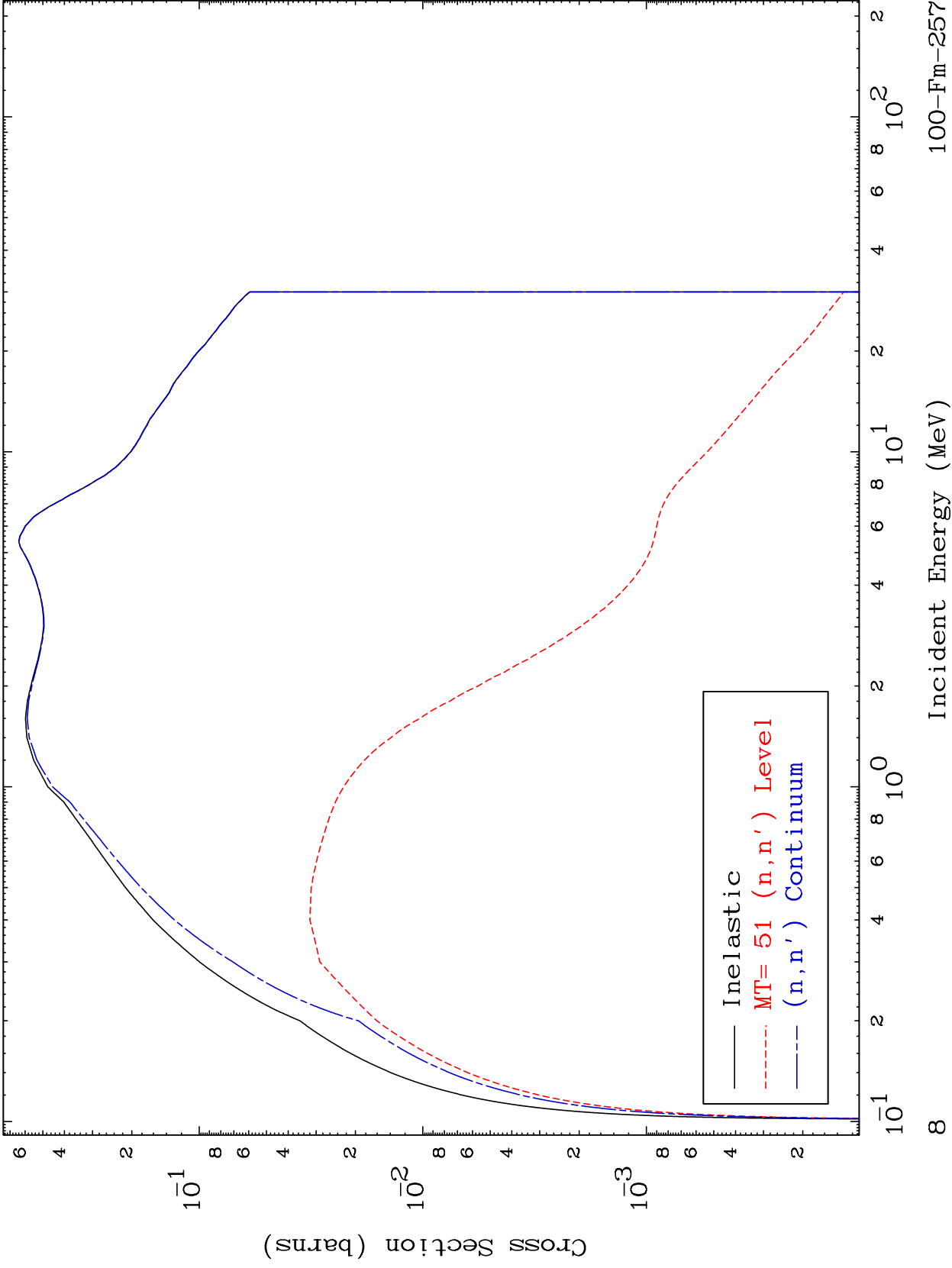
100-Fm-257



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(n,n') Level
293 Kelvin Cross Sections

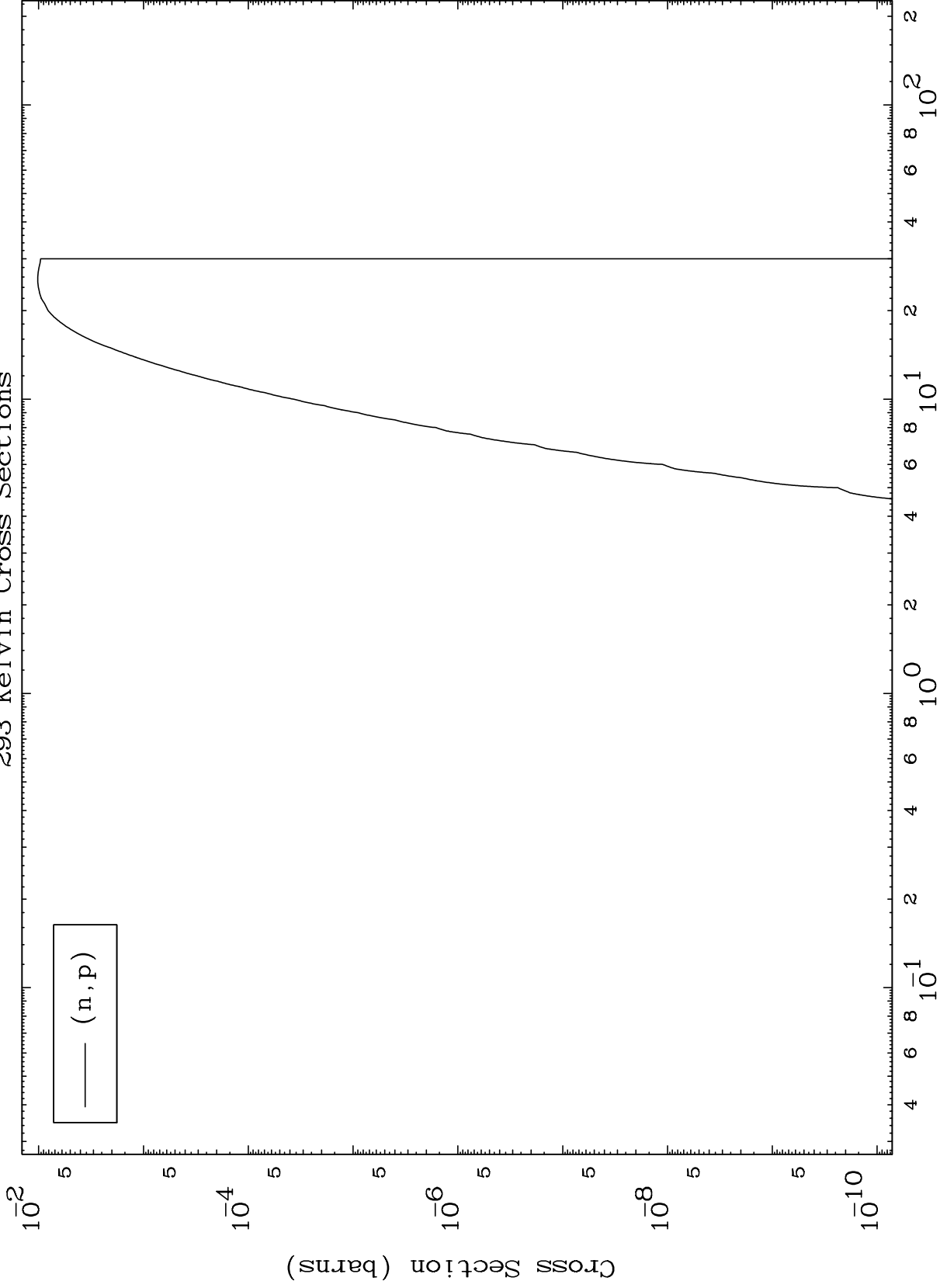
100-Fm-257



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(n,p) Levels
293 Kelvin Cross Sections

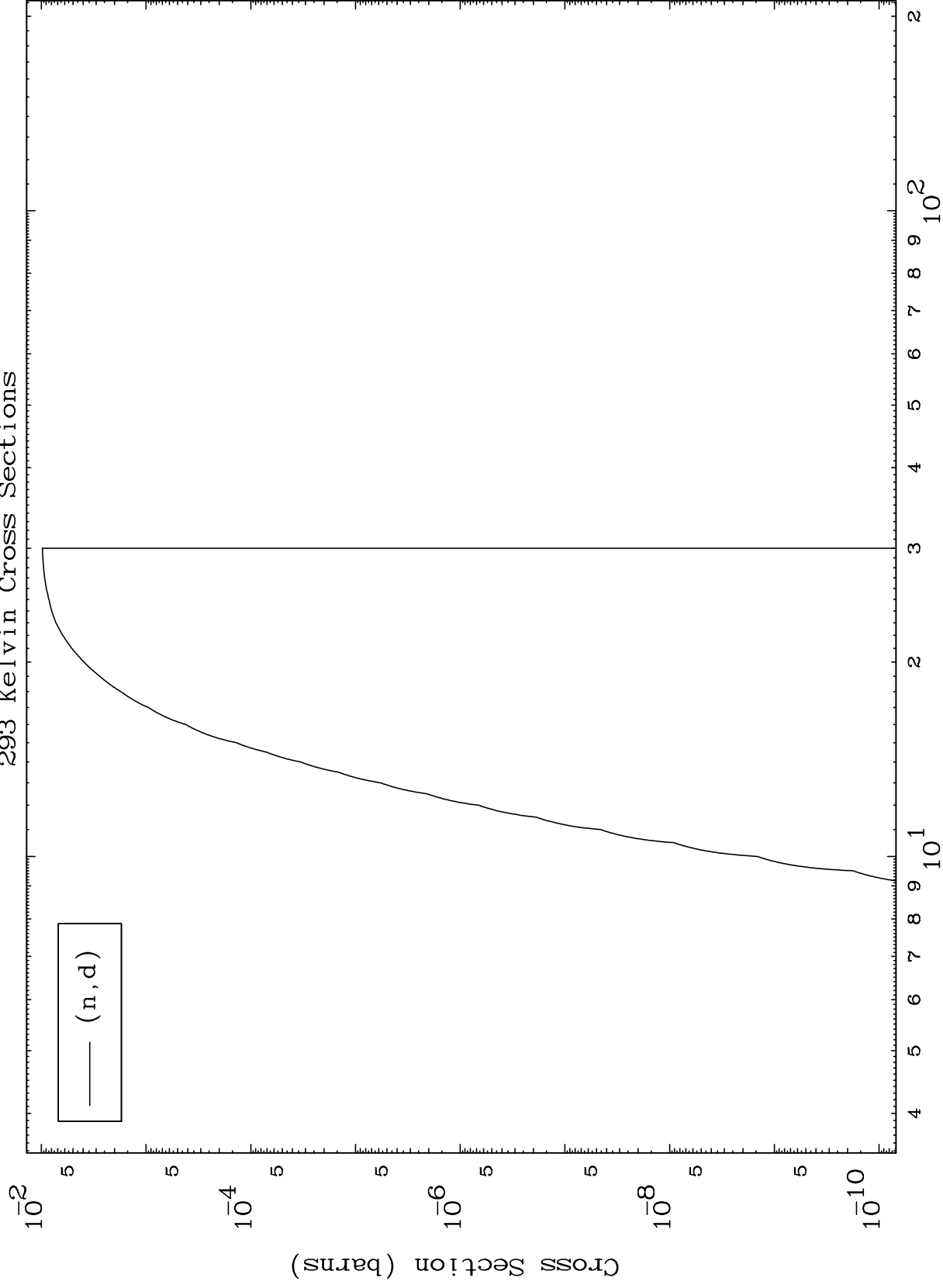
100-Fm-257



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(n,d) Levels
293 Kelvin Cross Sections

100-Fm-257



10

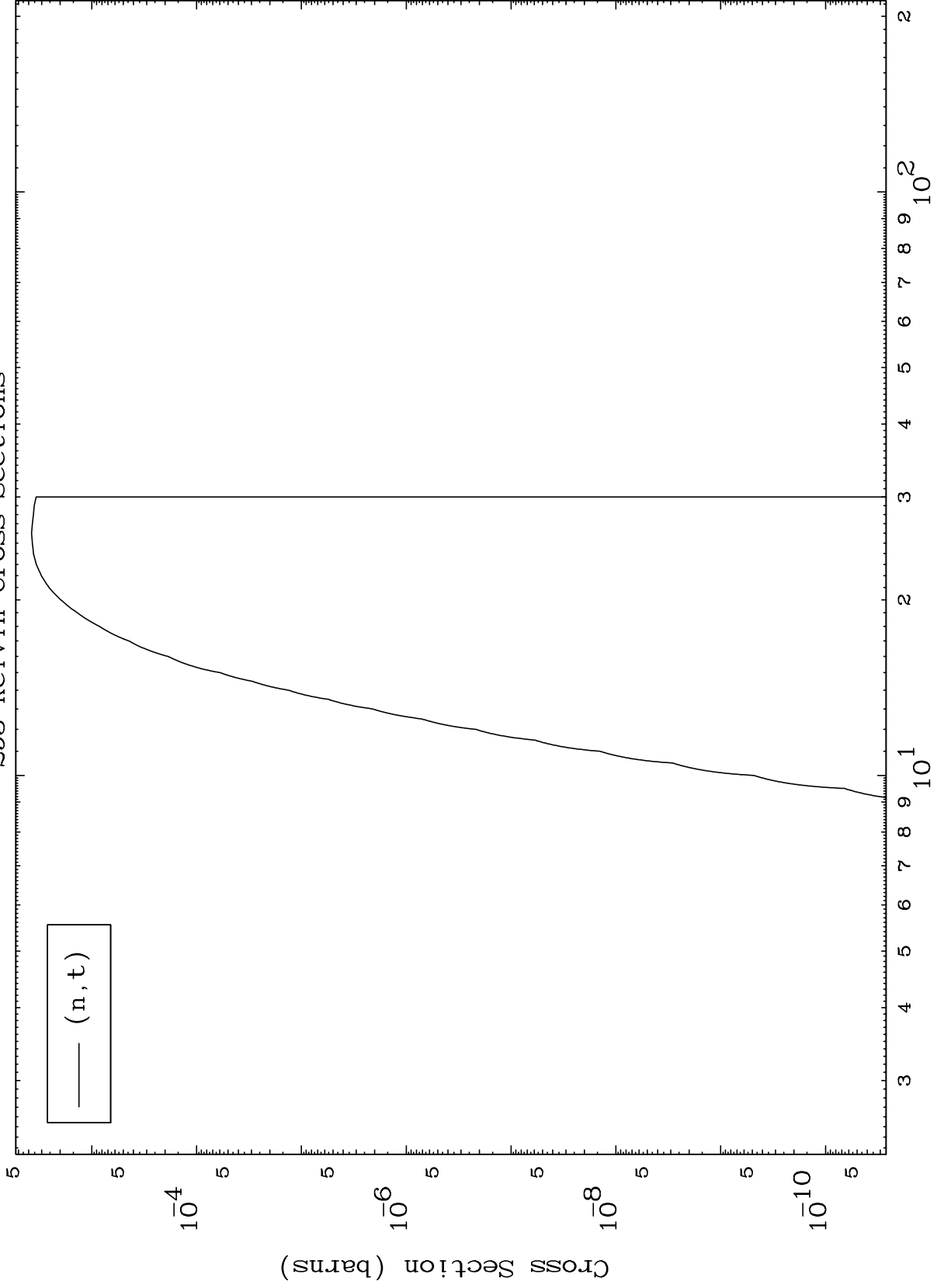
Incident Energy (MeV)

100-Fm-257

MAT 9938

(n,t) Levels
293 Kelvin Cross Sections

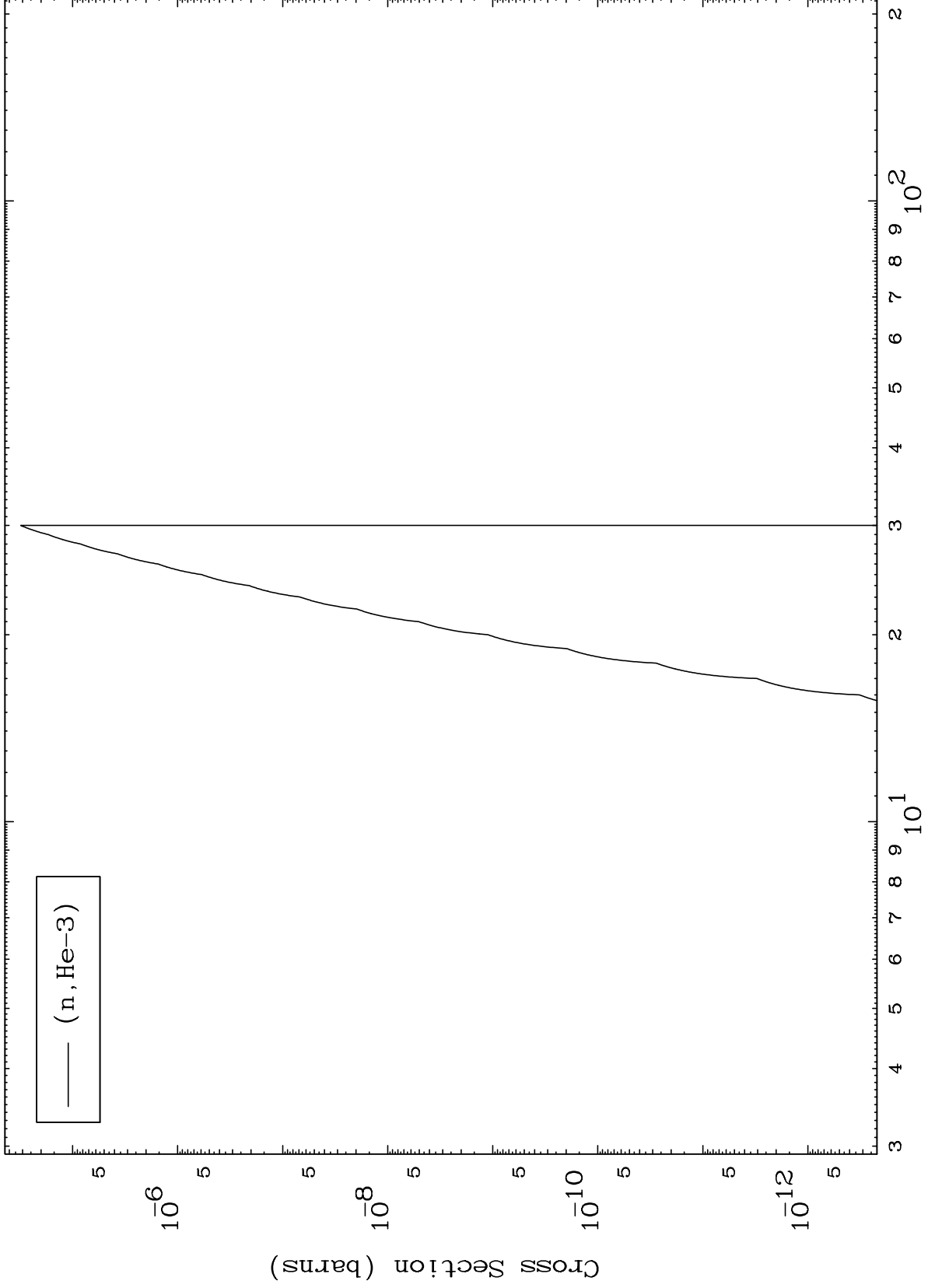
100-Fm-257



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(n,He3) Levels
293 Kelvin Cross Sections

100-Fm-257



12

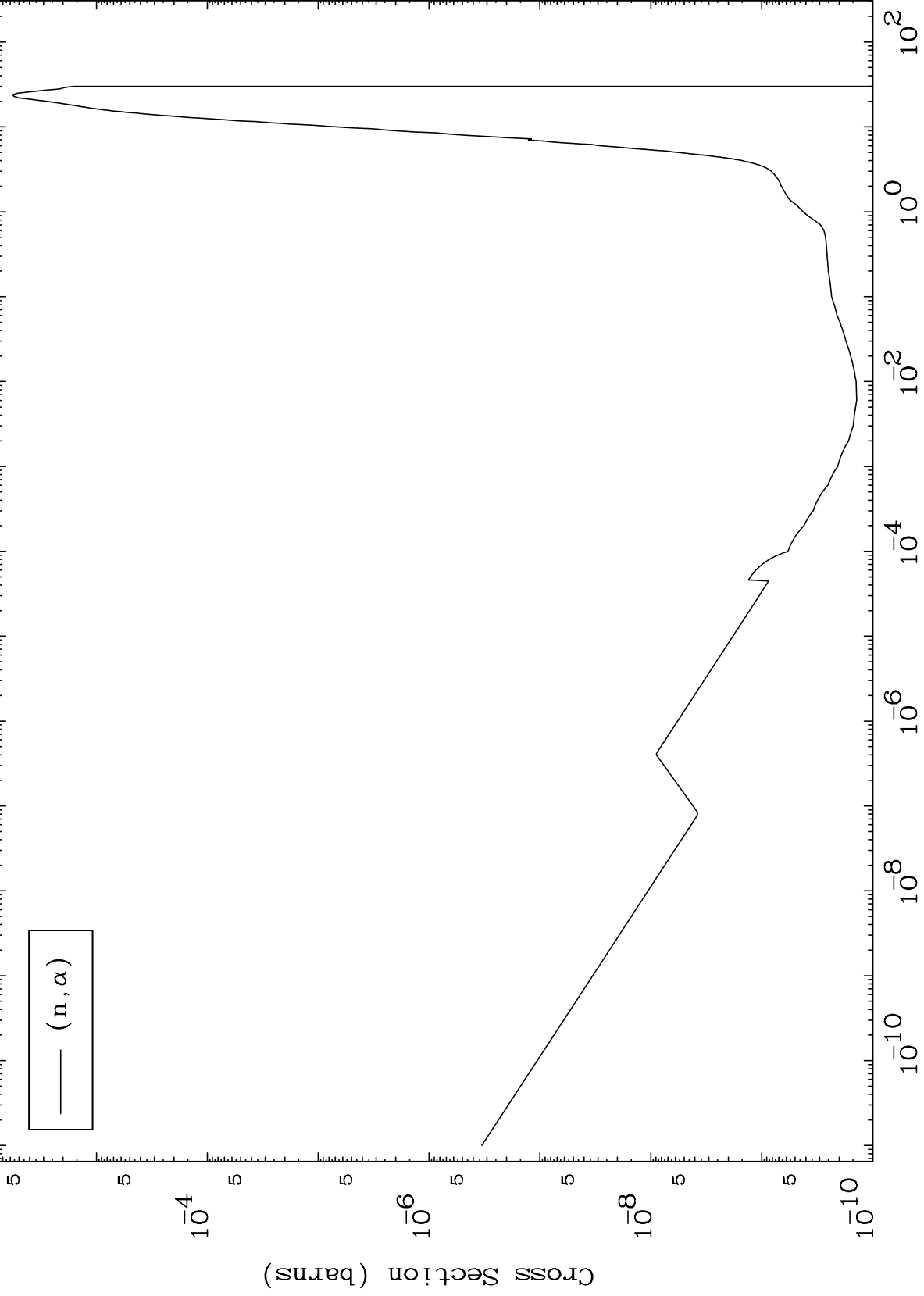
Incident Energy (MeV)

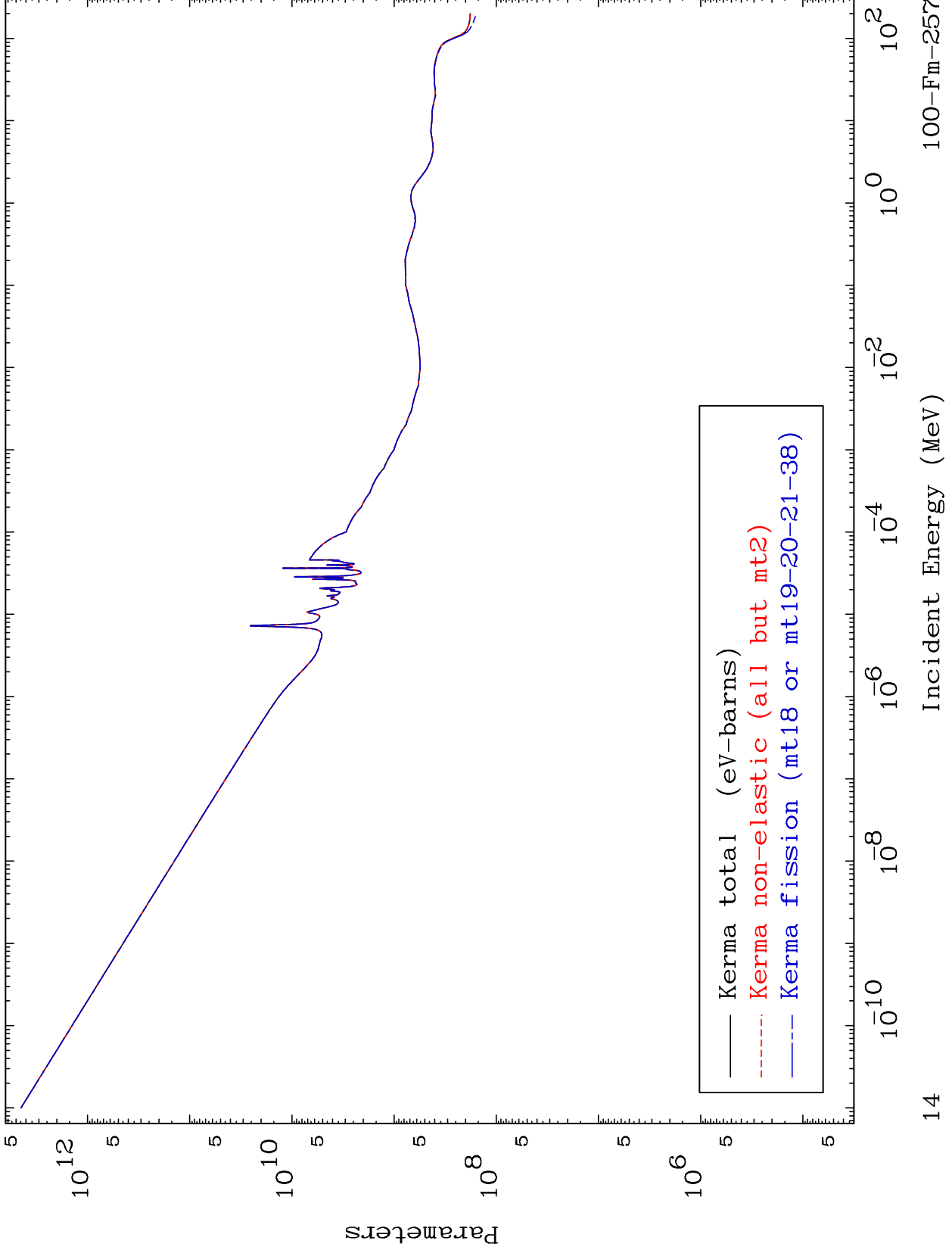
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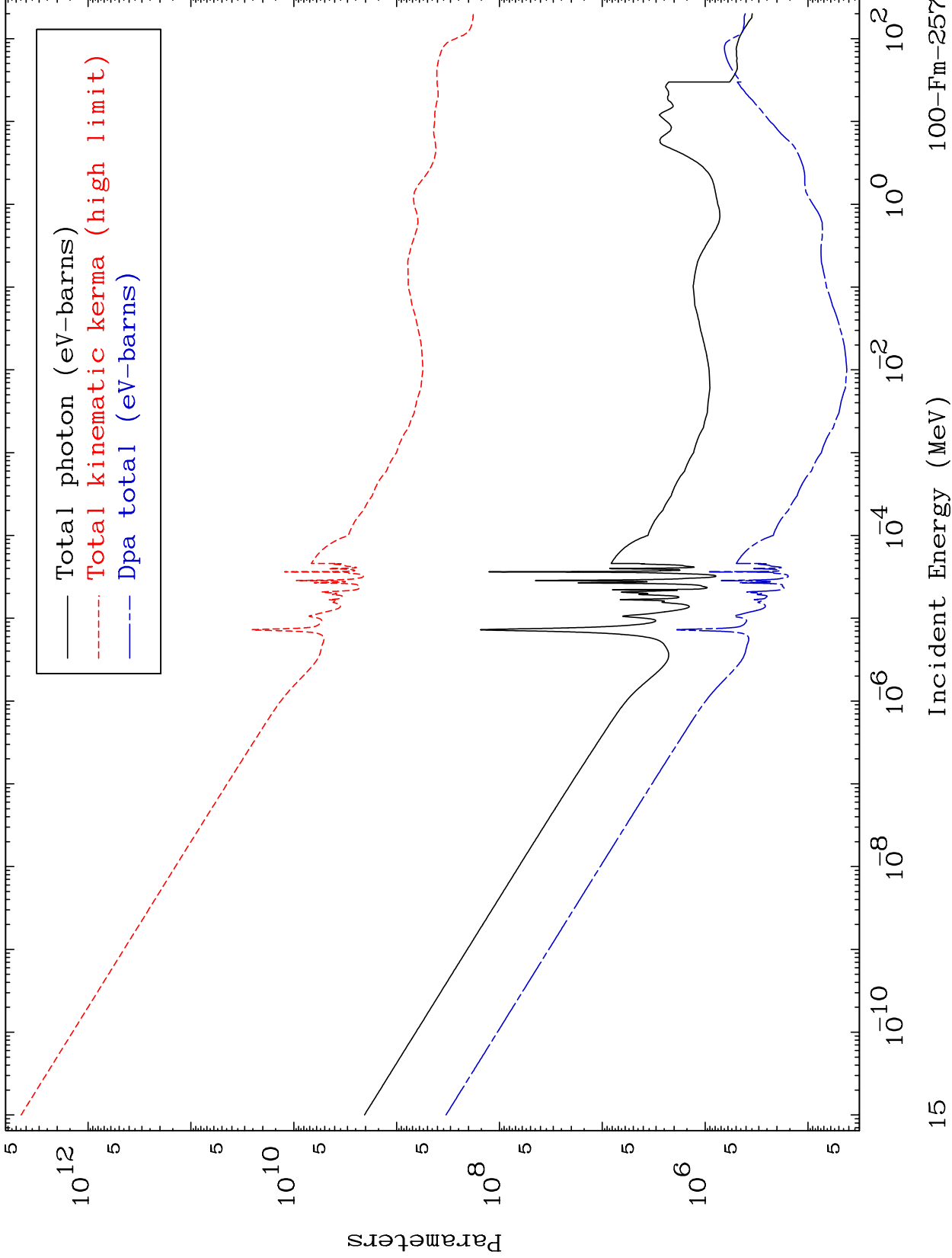
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(n, α) Levels
293 Kelvin Cross Sections

100-Fm-257



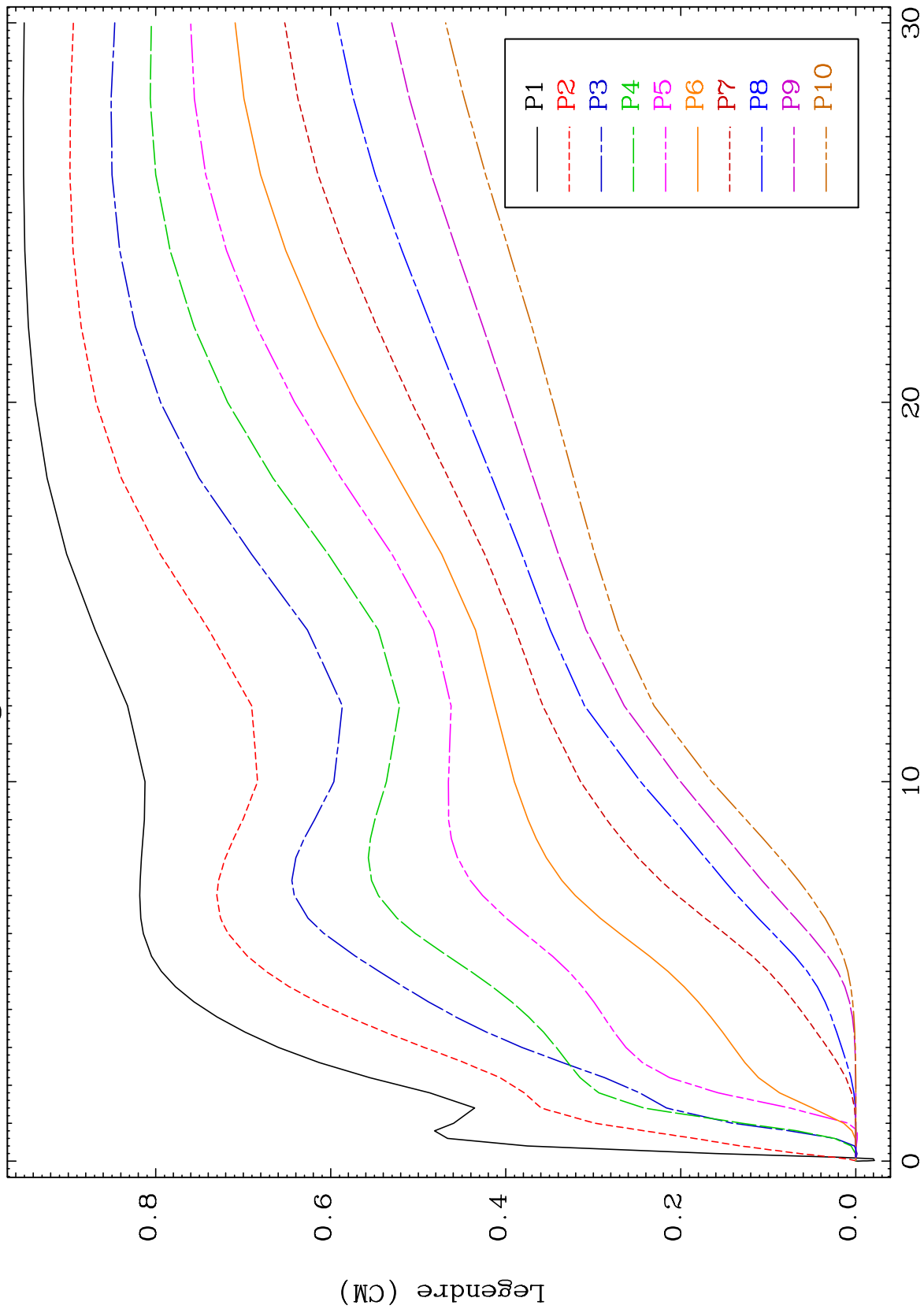




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Elastic Legendre Coefficients

100-Fm-257



16

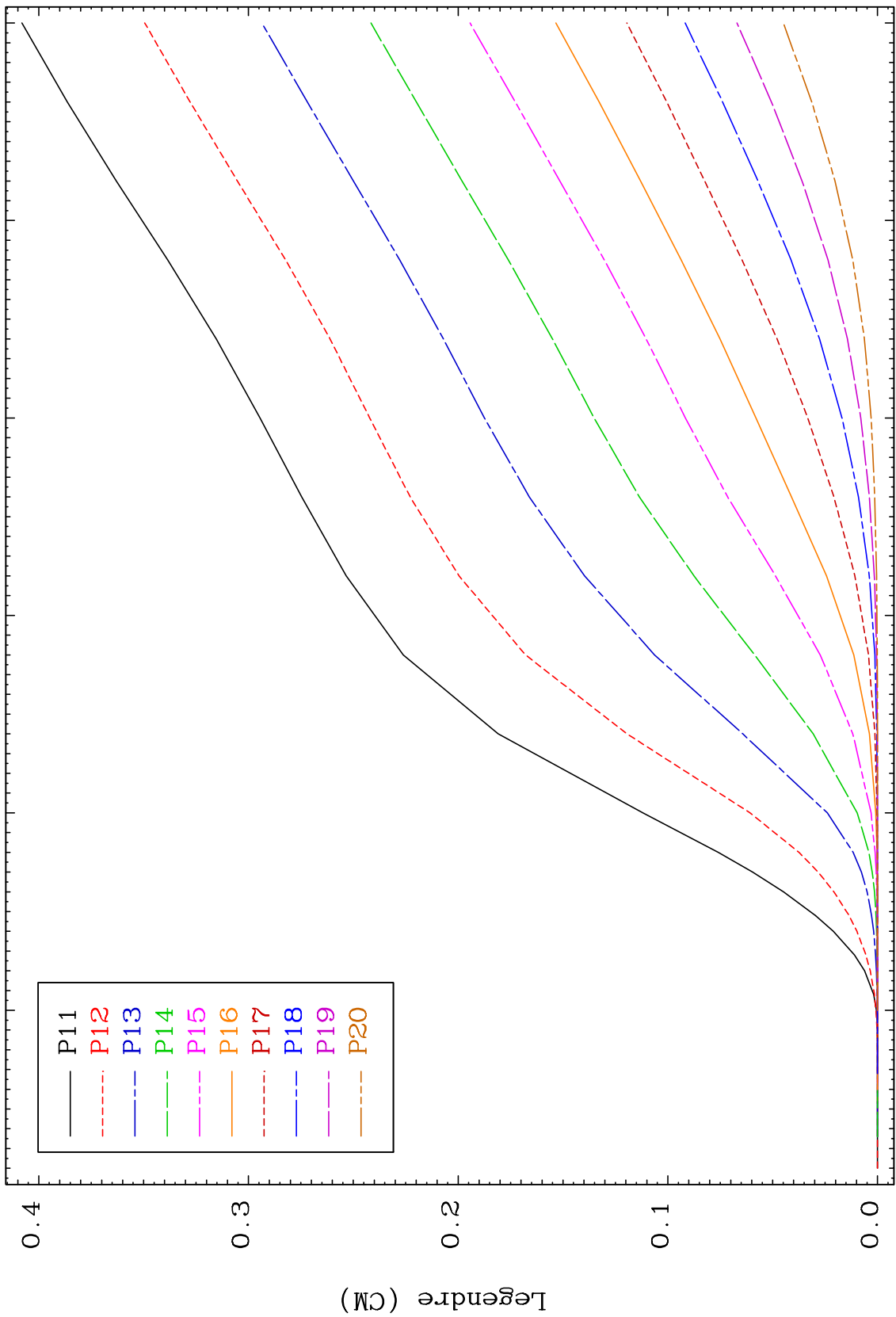
Incident Energy (MeV)

100-Fm-257

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Elastic Legendre Coefficients

100-Fm-257



17

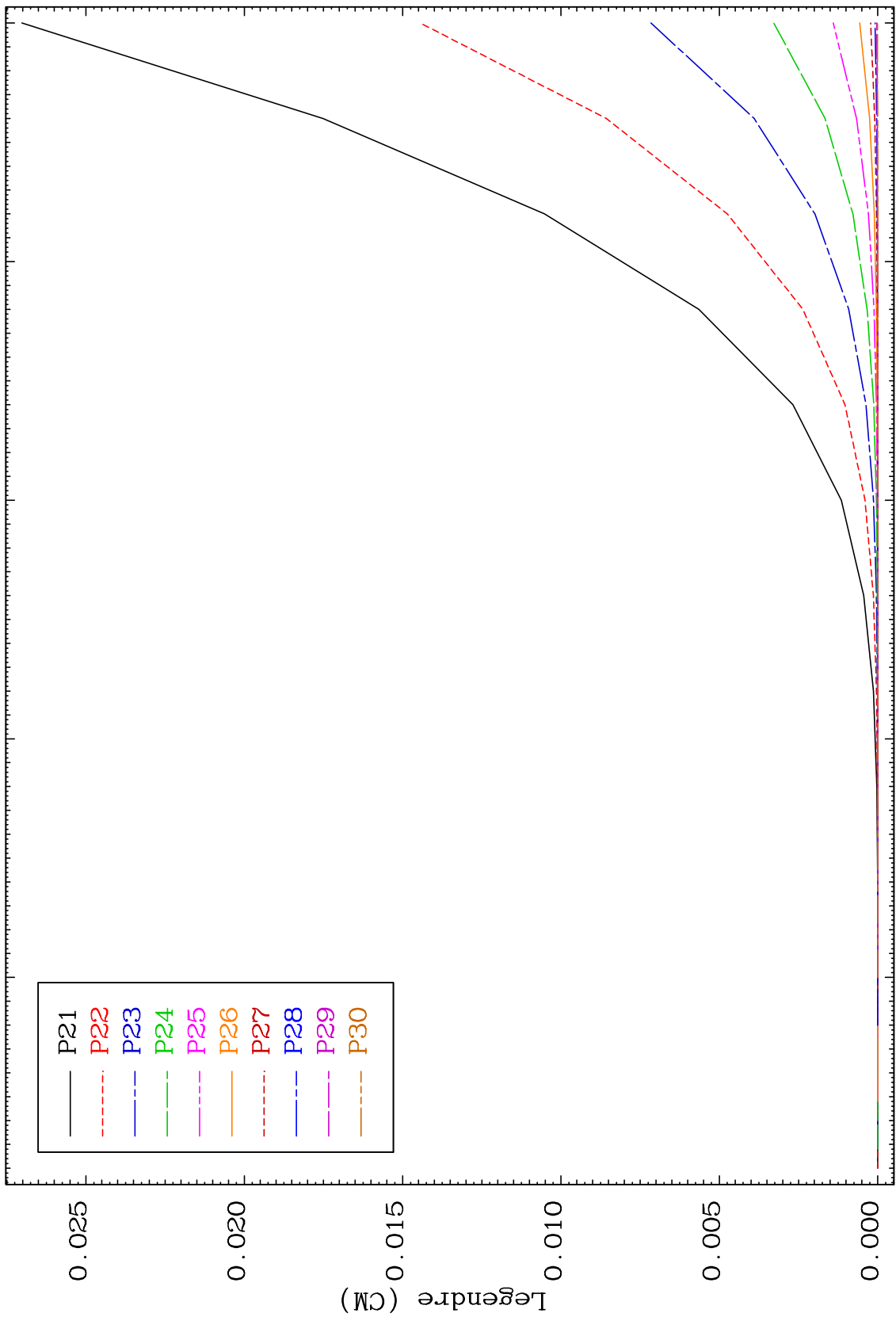
Incident Energy (MeV)

100-Fm-257

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Elastic Legendre Coefficients

100-Fm-257



18

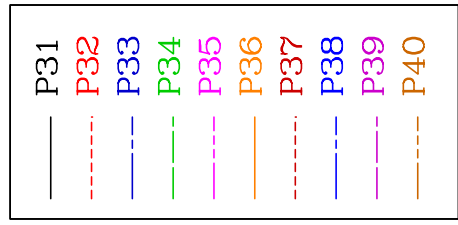
Incident Energy (MeV)

100-Fm-257

MAT 9938

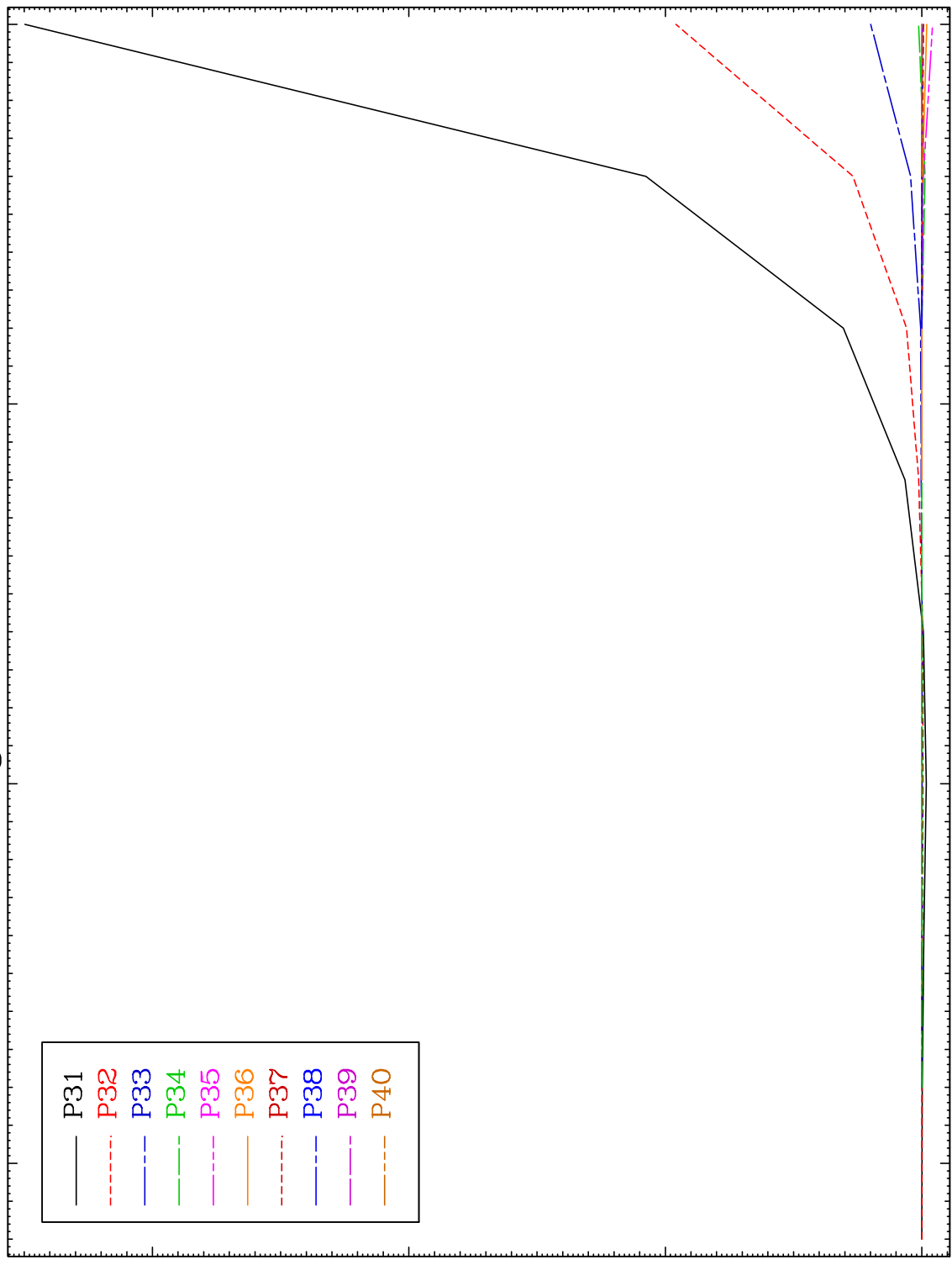
Elastic Legendre Coefficients

100-Fm-257



$\times 10^{-6}$

Legendre (CM)



19

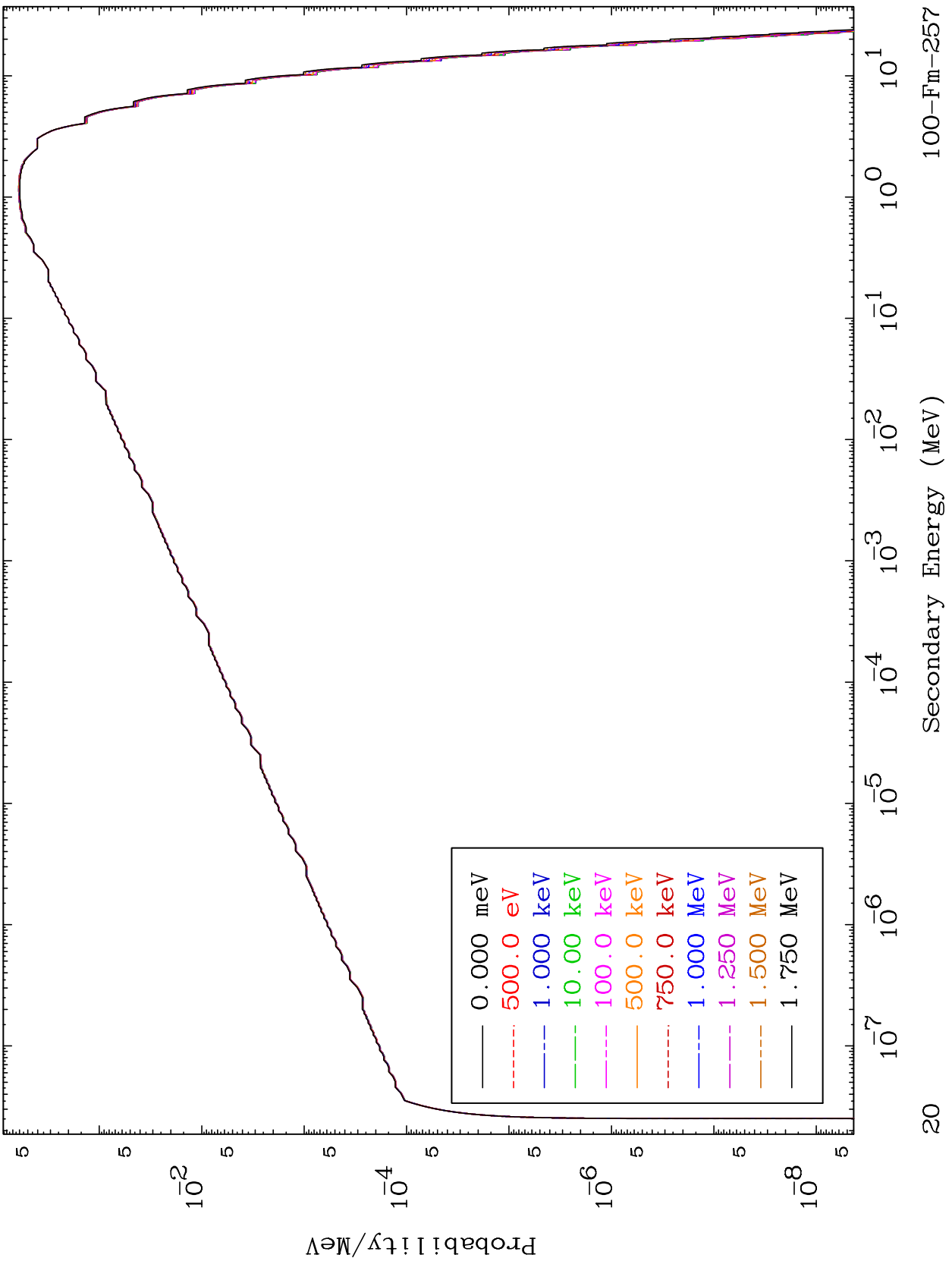
Incident Energy (MeV)

100-Fm-257

MAT 9938

Fission Energy Distribution

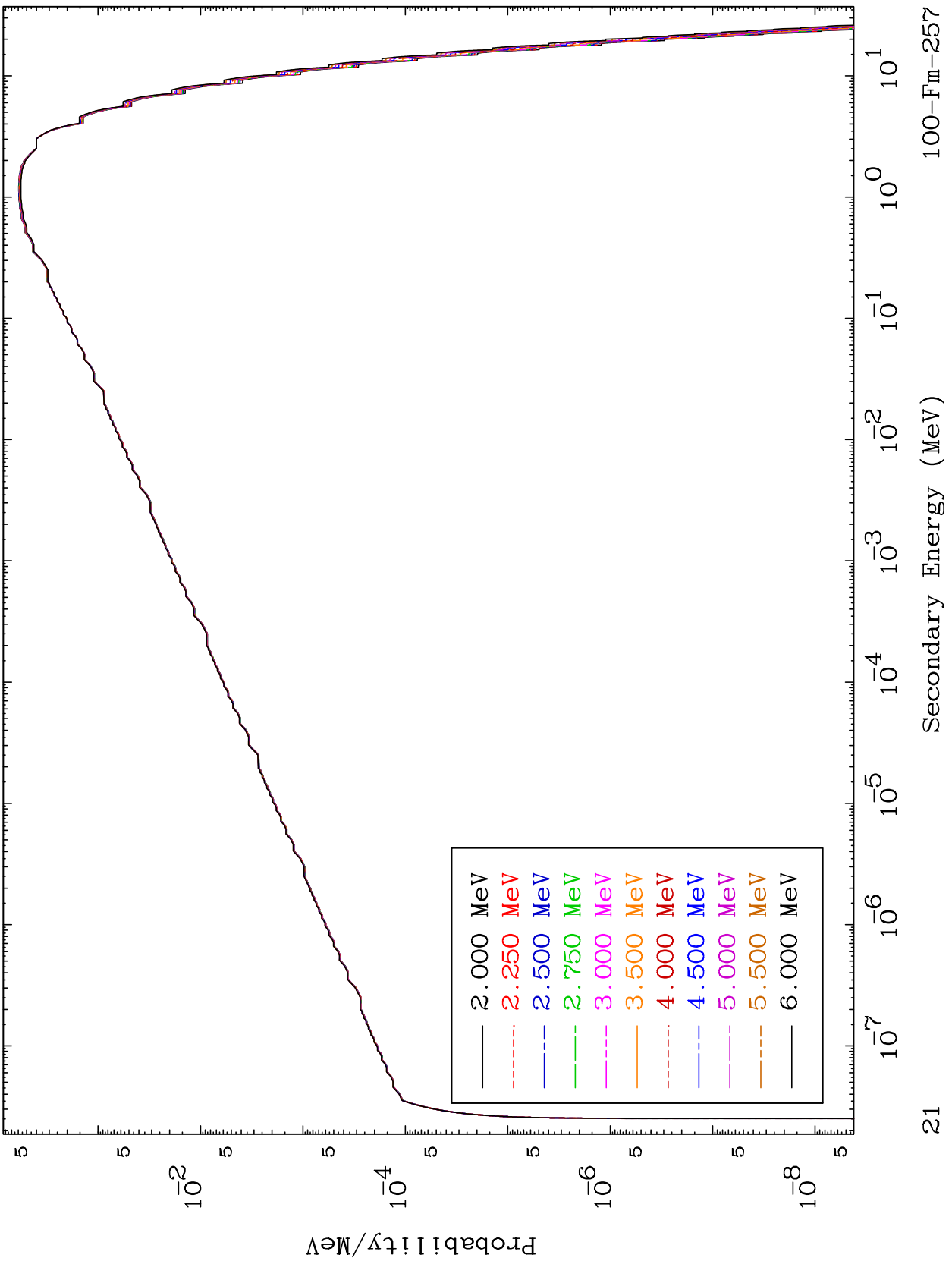
100-Fm-257



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Fission Energy Distribution

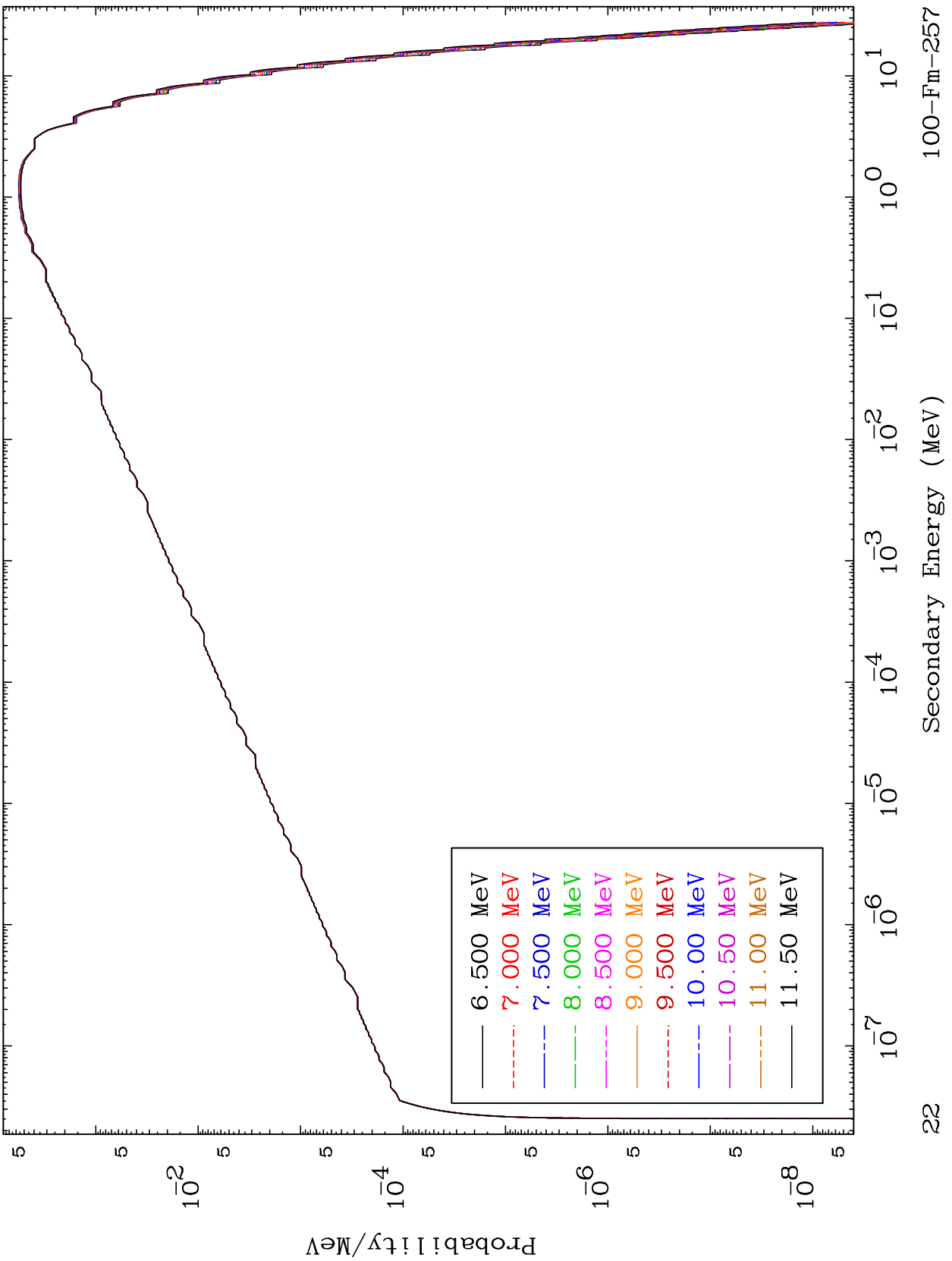
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Fission Energy Distribution

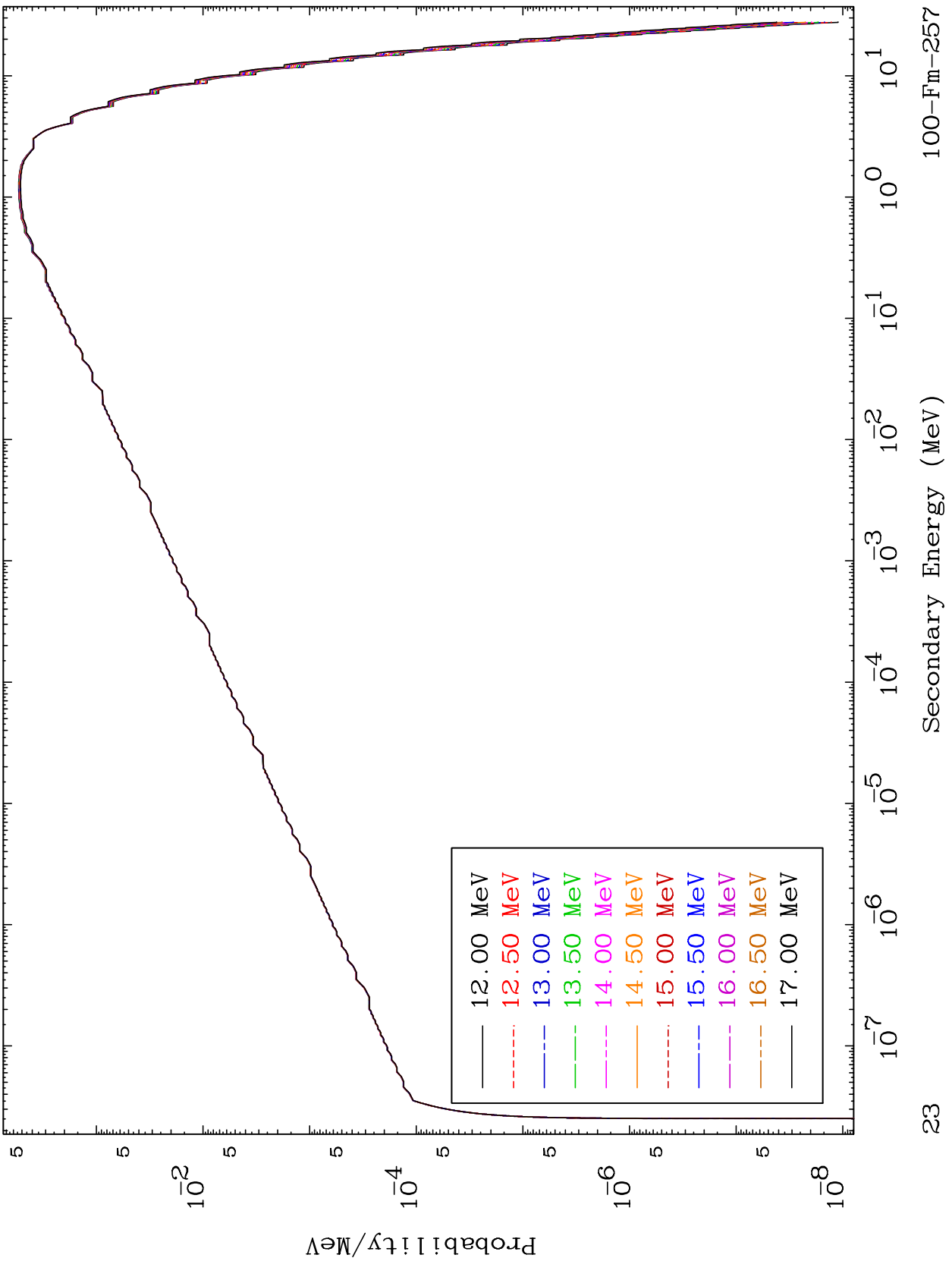
100-Fm-257



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Fission Energy Distribution

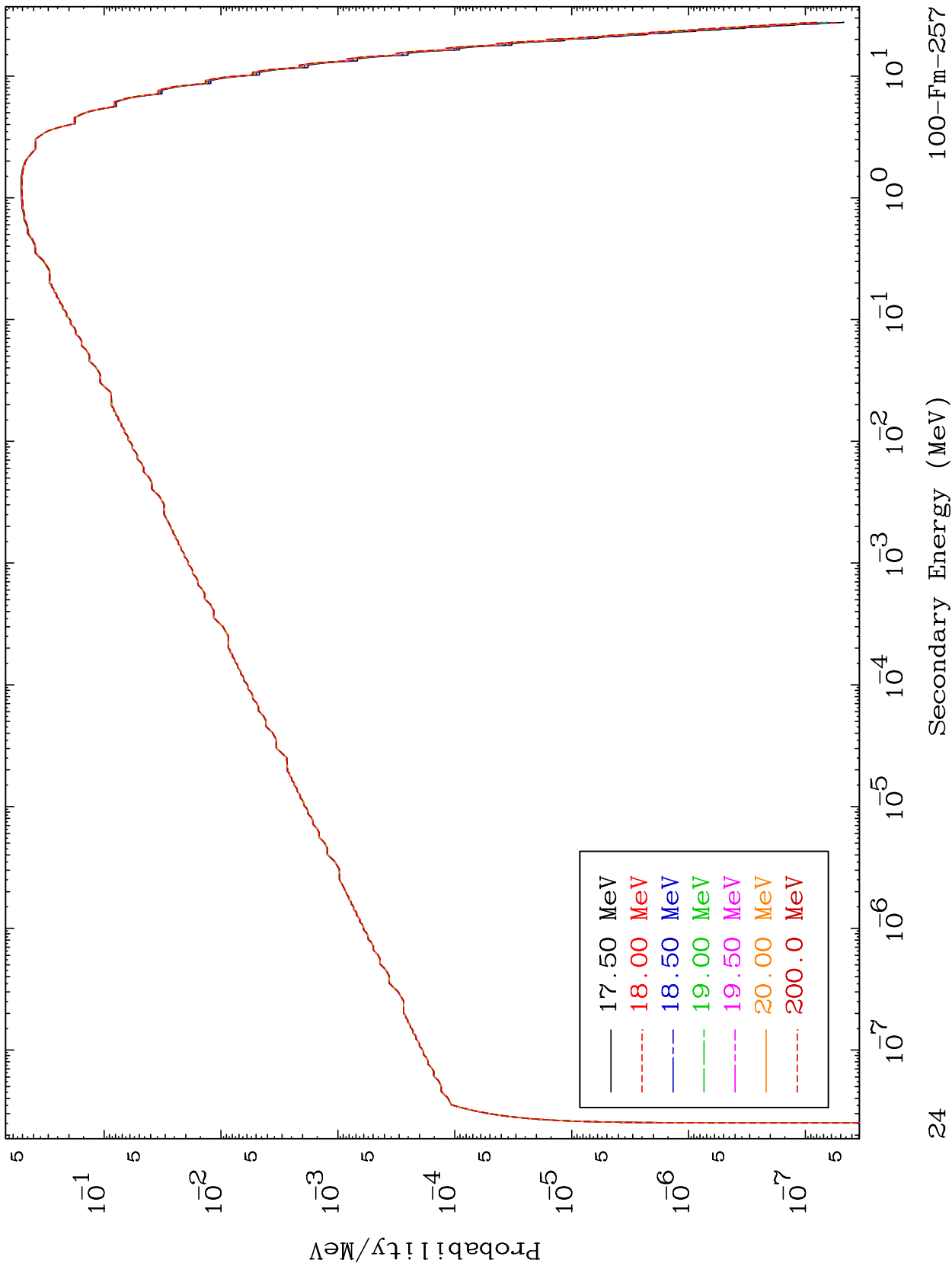
100-Fm-257



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Fission Energy Distribution

100-Fm-257

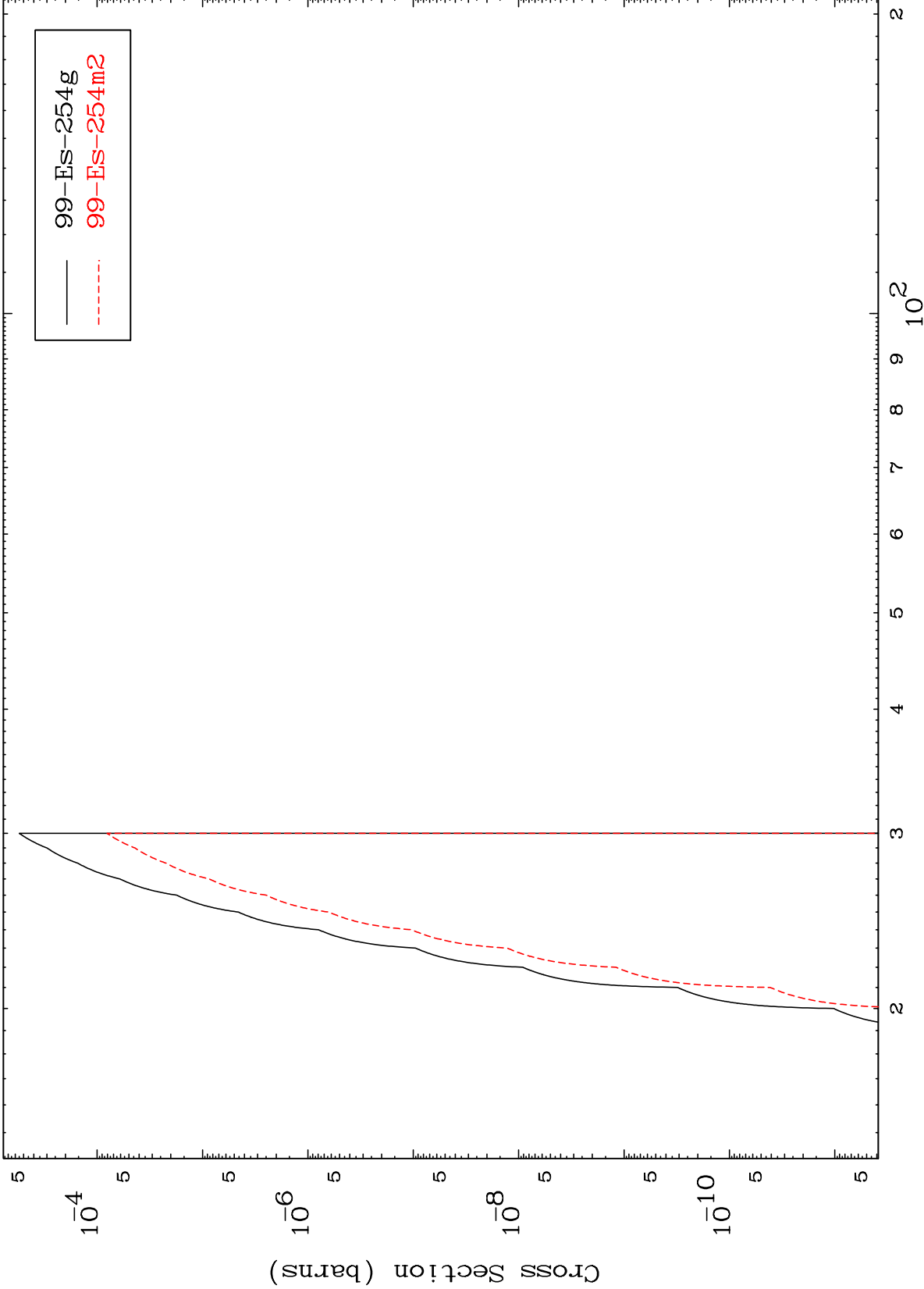


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(n,2n) d

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Radionuclide Production Cross Section



25

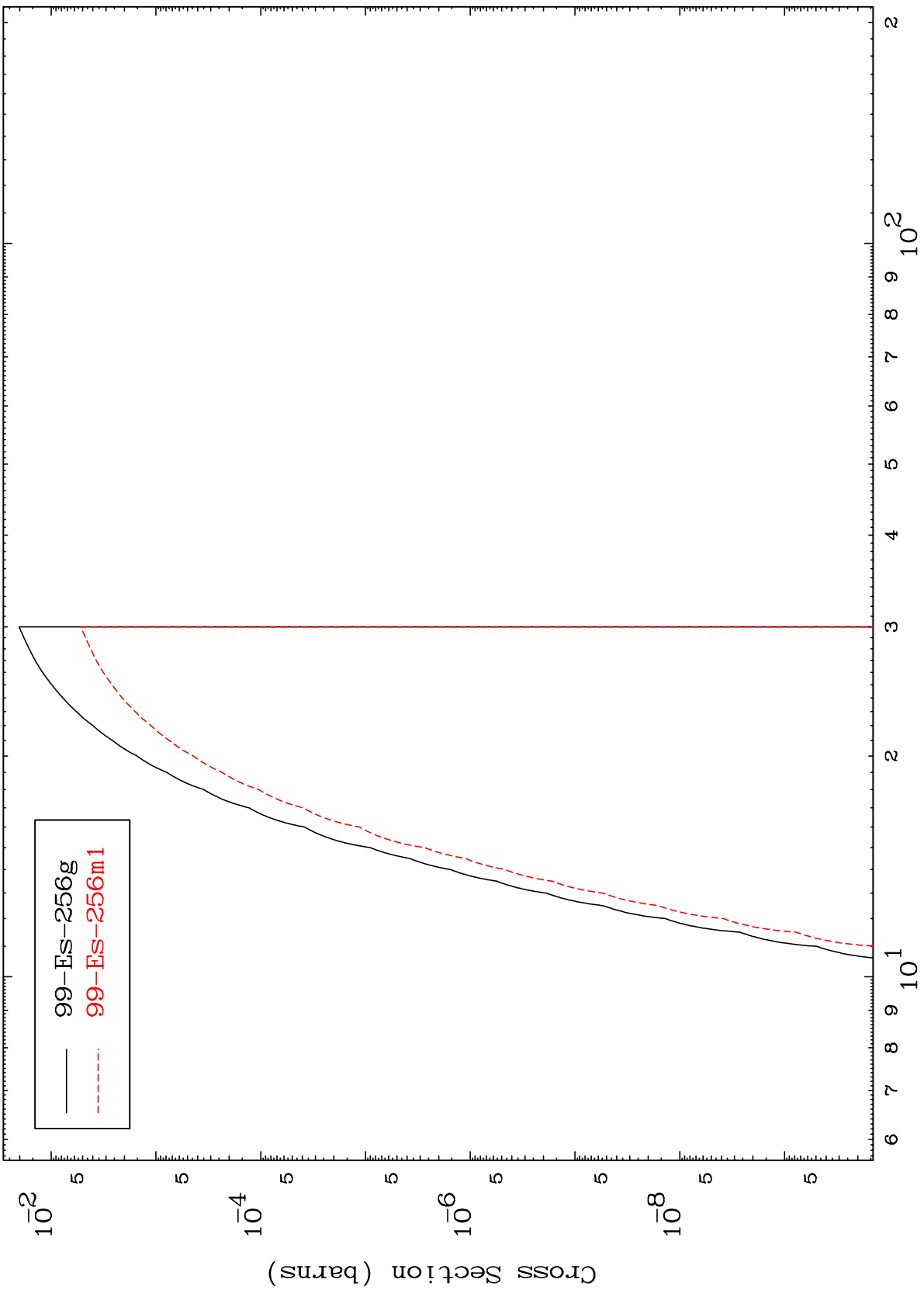
Incident Energy (MeV)

100-Fm-257

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100-Fm-257

(n,n') p
Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

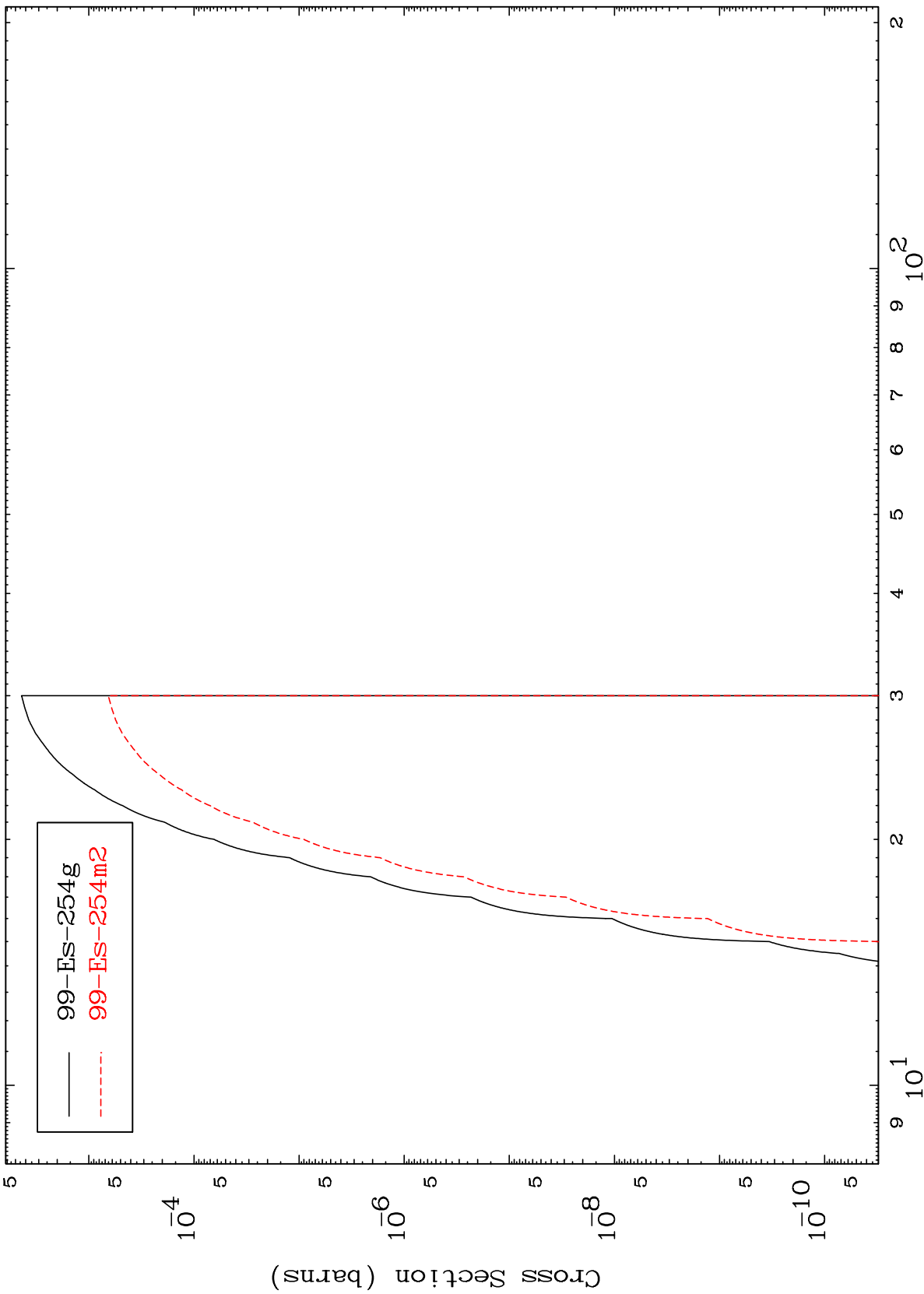
100-Fm-257

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(n,n') t

100-Fm-257

Radionuclide Production Cross Section



27

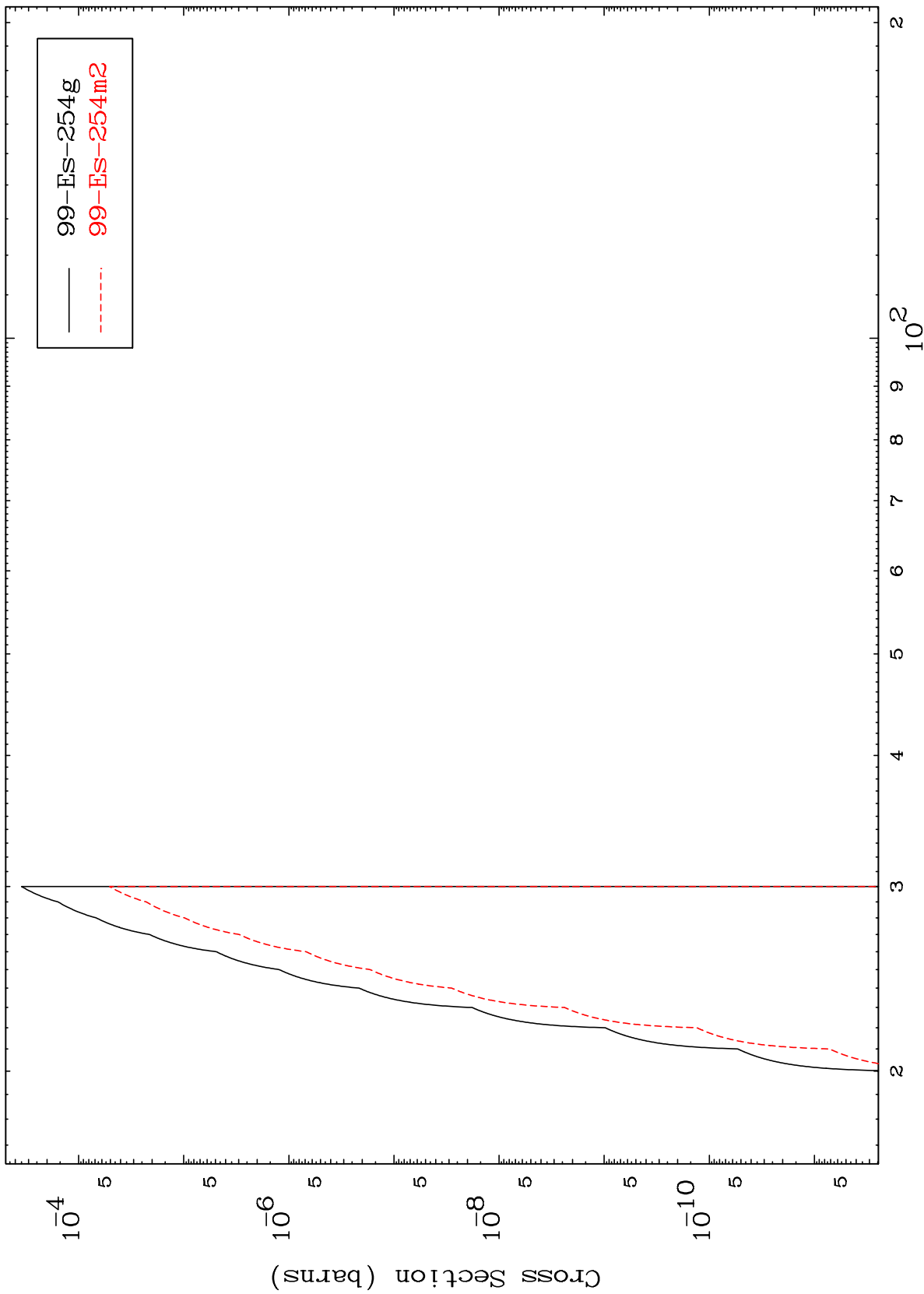
Incident Energy (MeV)

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100-Fm-257

(n,3n) p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

100-Fm-257

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(n,d)

100-Fm-257

