

Program EVALPLOT
(Version 2021-1)

by

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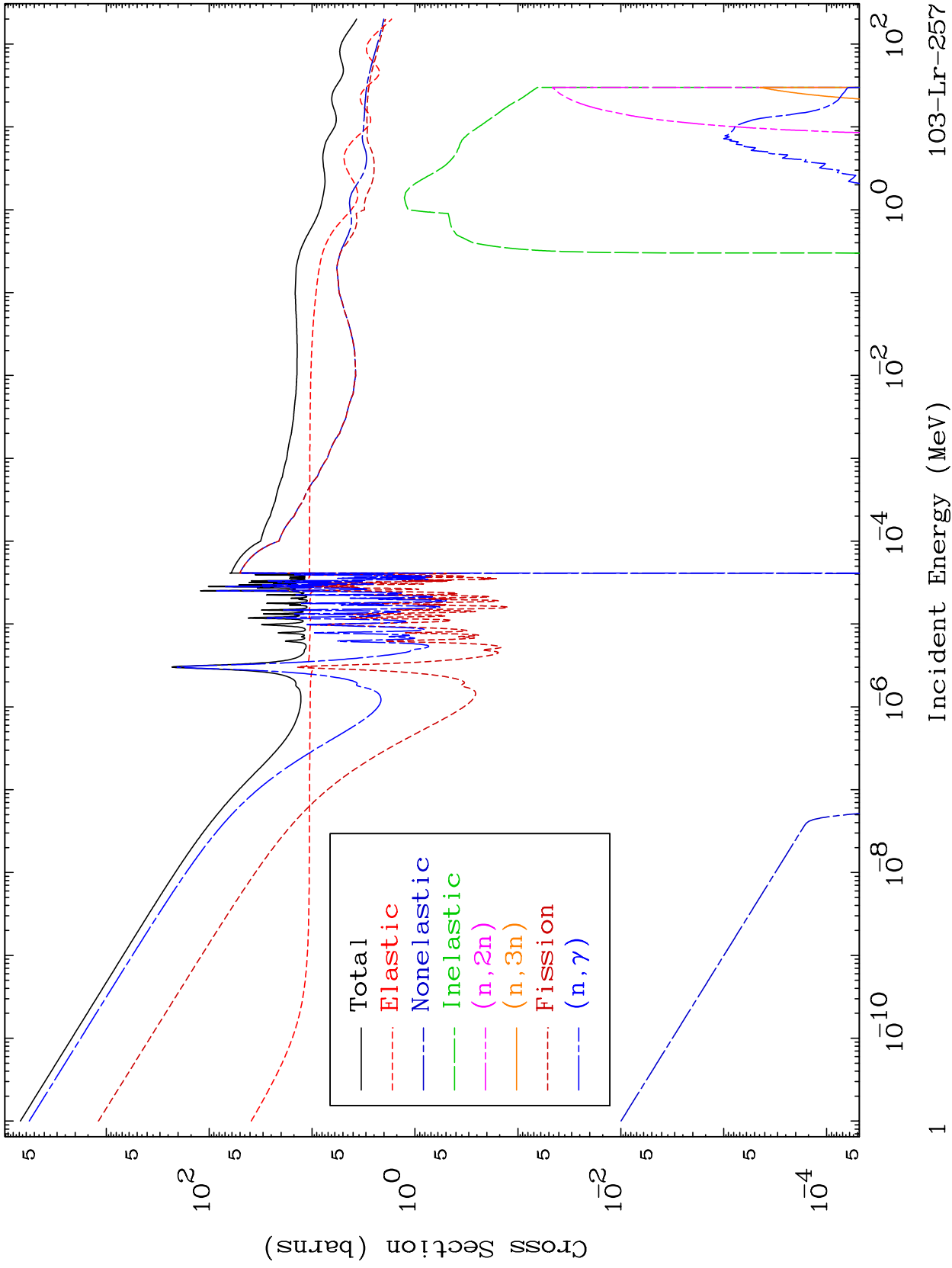
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9986

Neutron Major
293 Kelvin Cross Sections

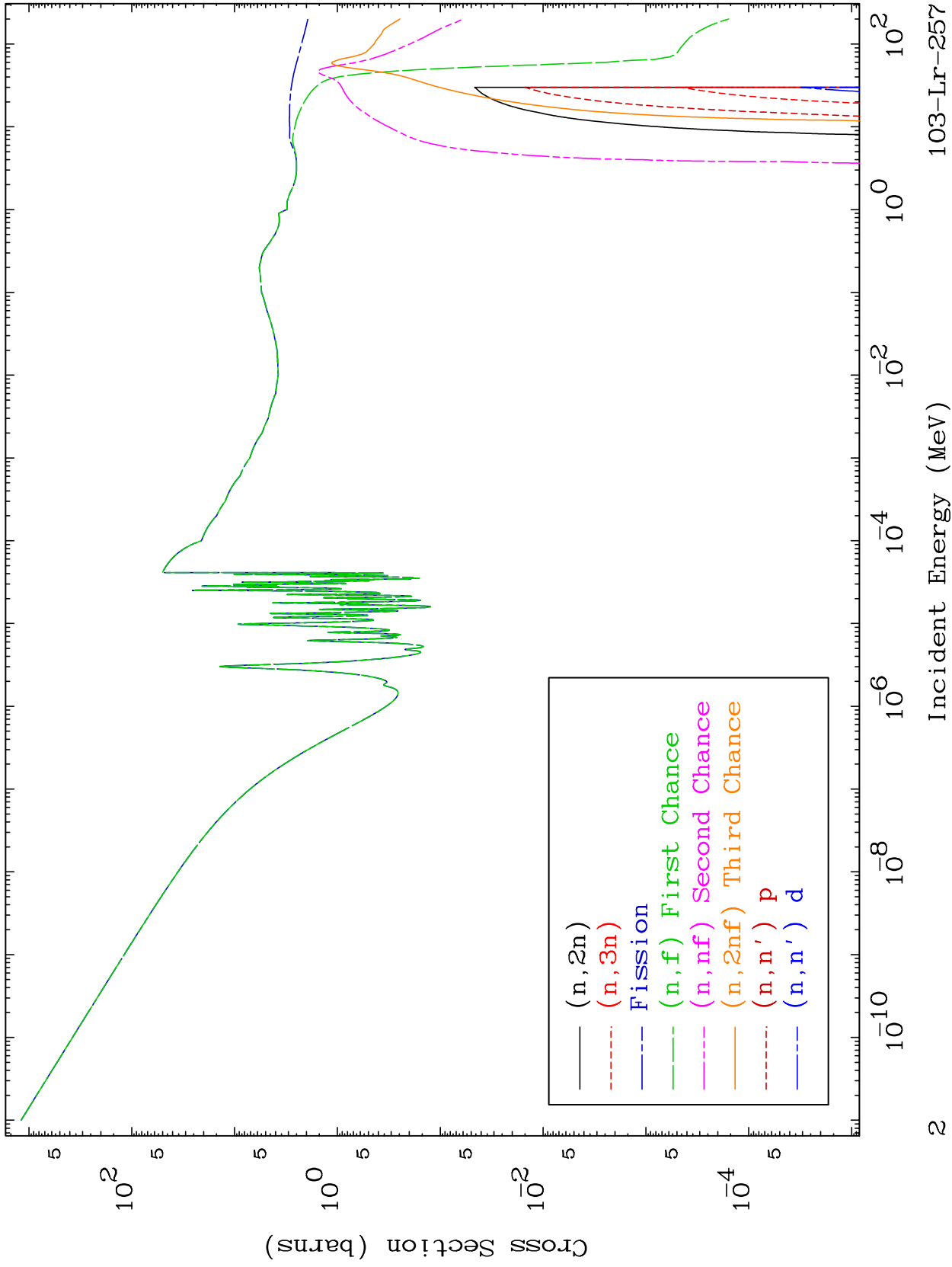
103-Lr-257

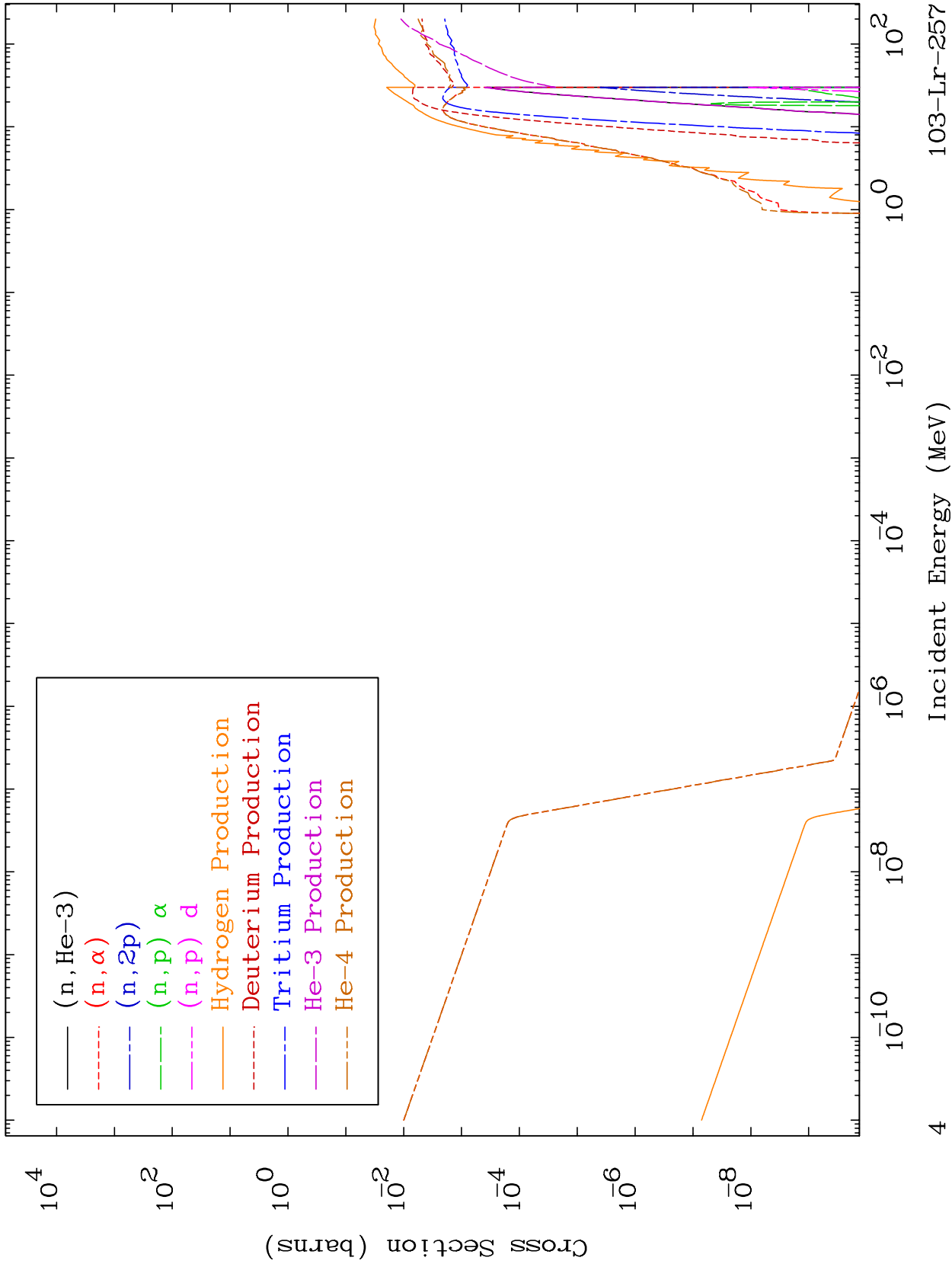


MAT 9986

Neutron Absorption
293 Kelvin Cross Sections

103-Lr-257

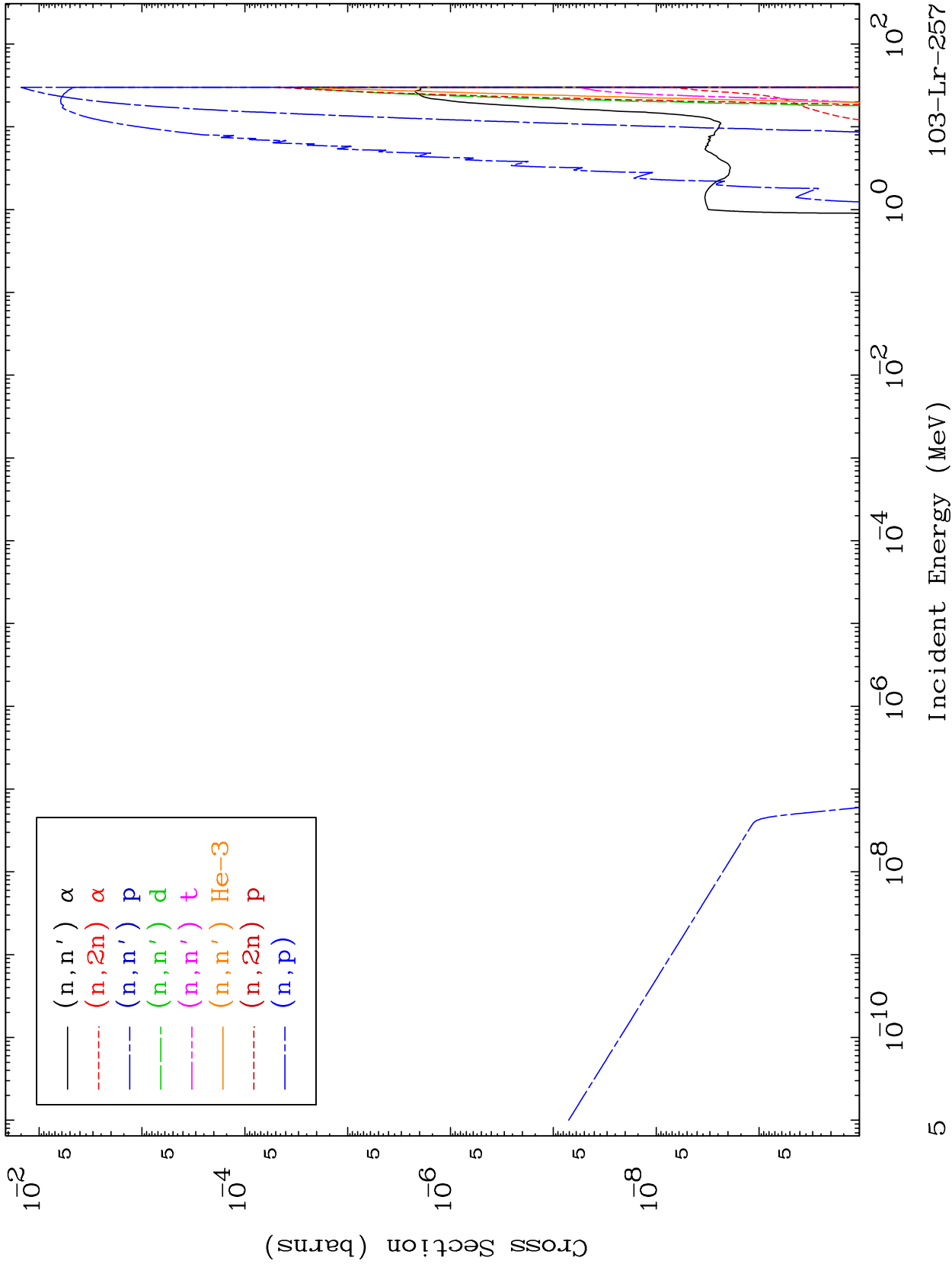




MAT 9986

Charged Particle
293 Kelvin Cross Sections

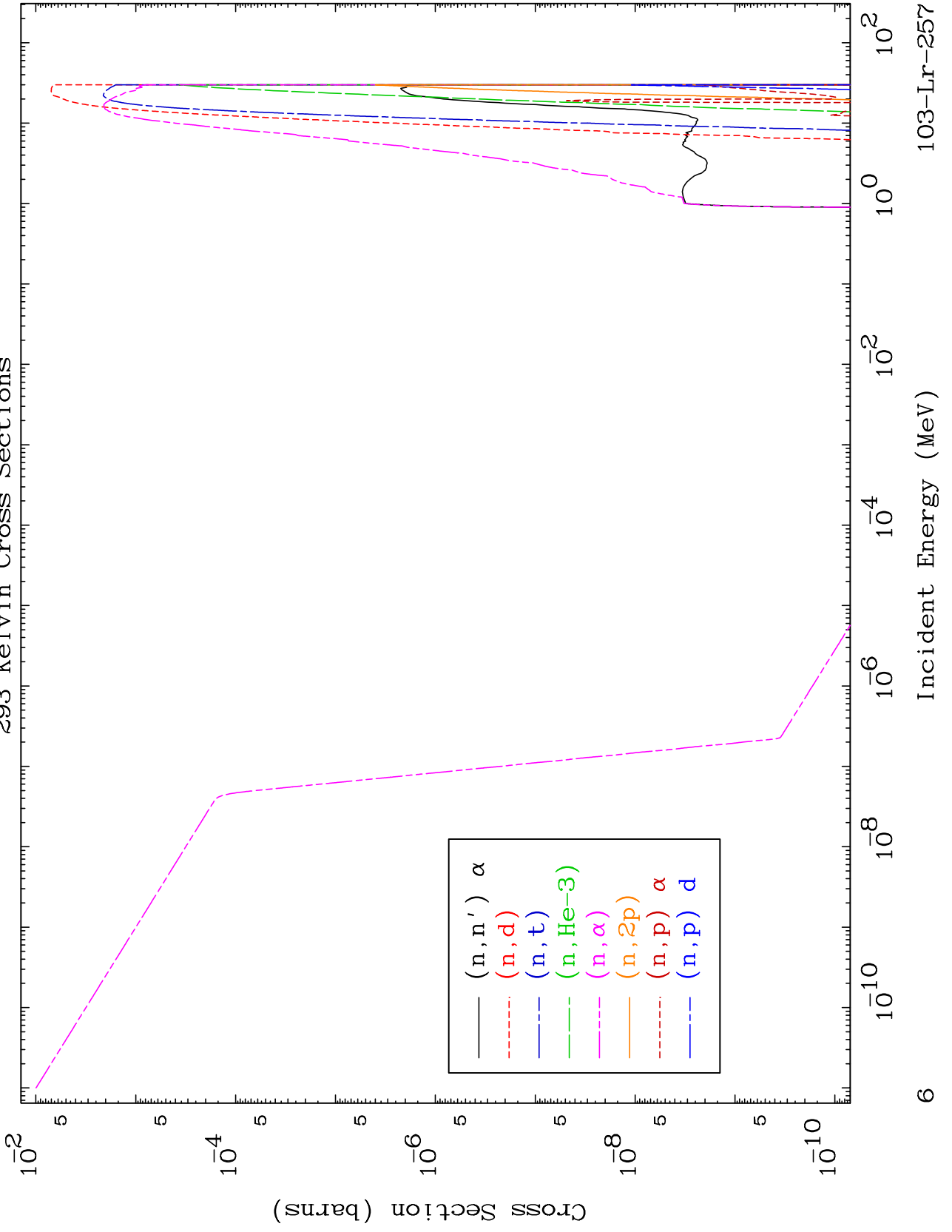
103-Lr-257



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Charged Particle
293 Kelvin Cross Sections

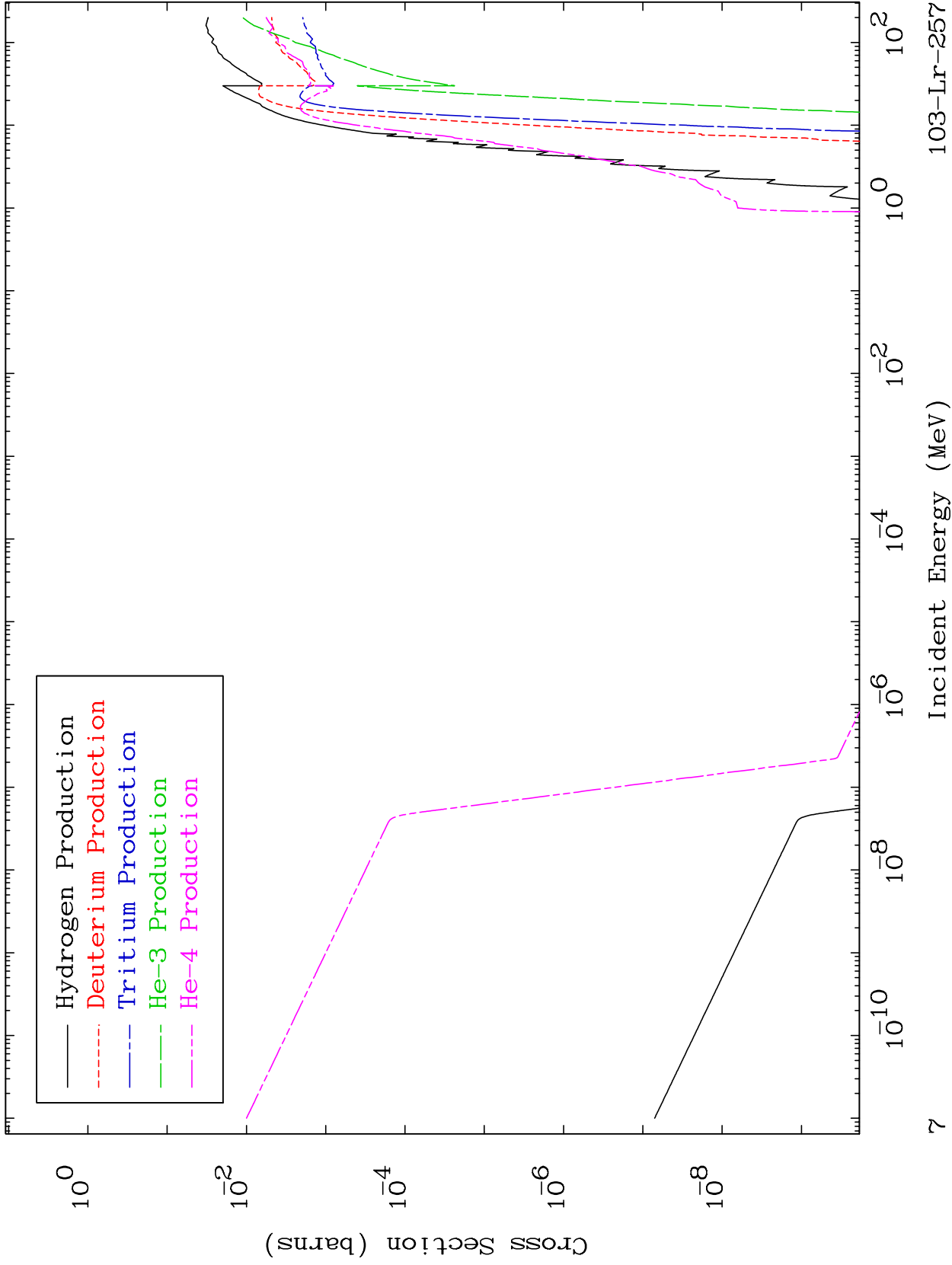
103-Lr-257



MAT 9986

Particle Production
293 Kelvin Cross Sections

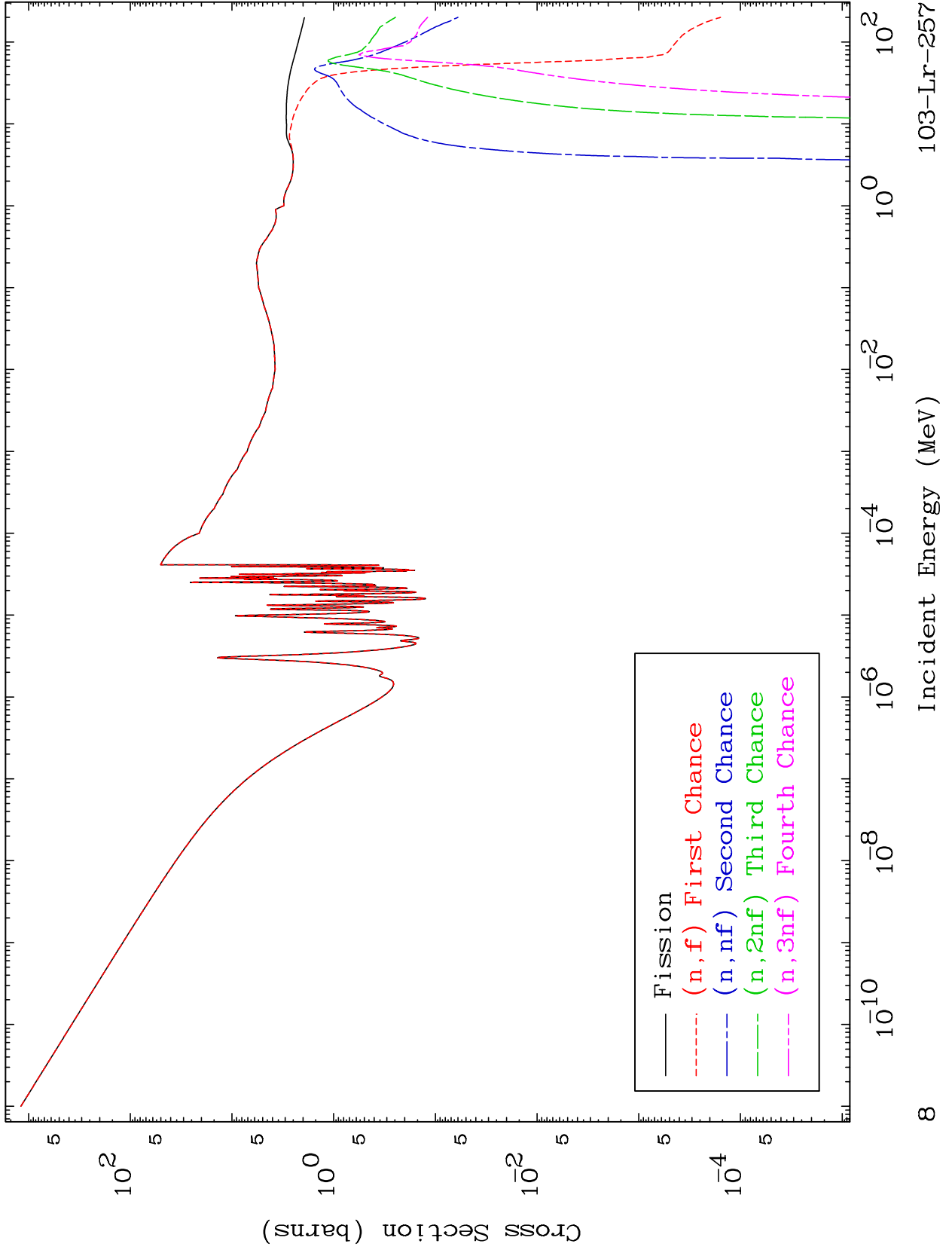
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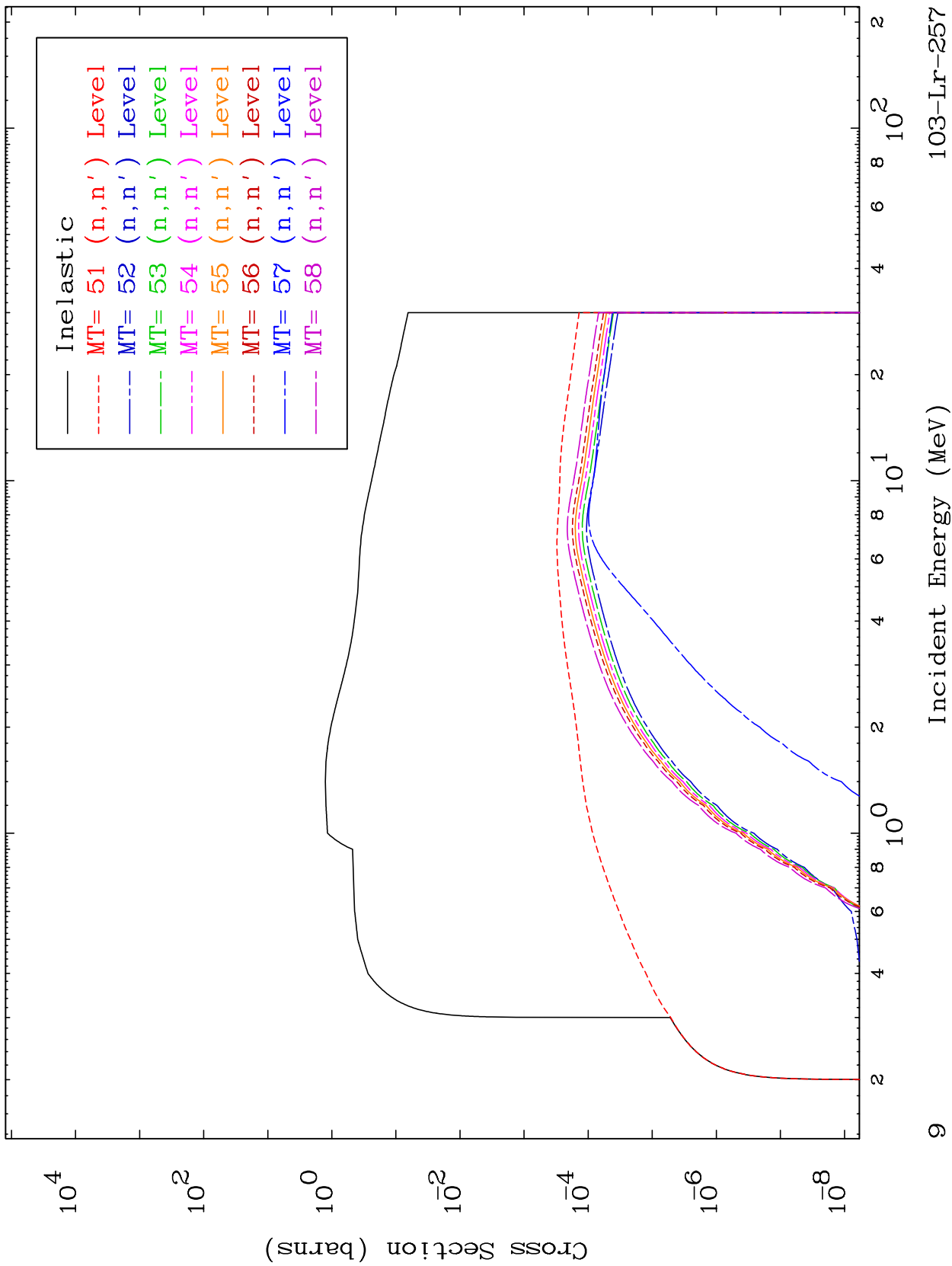


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Fission
293 Kelvin Cross Sections

103-Lr-257

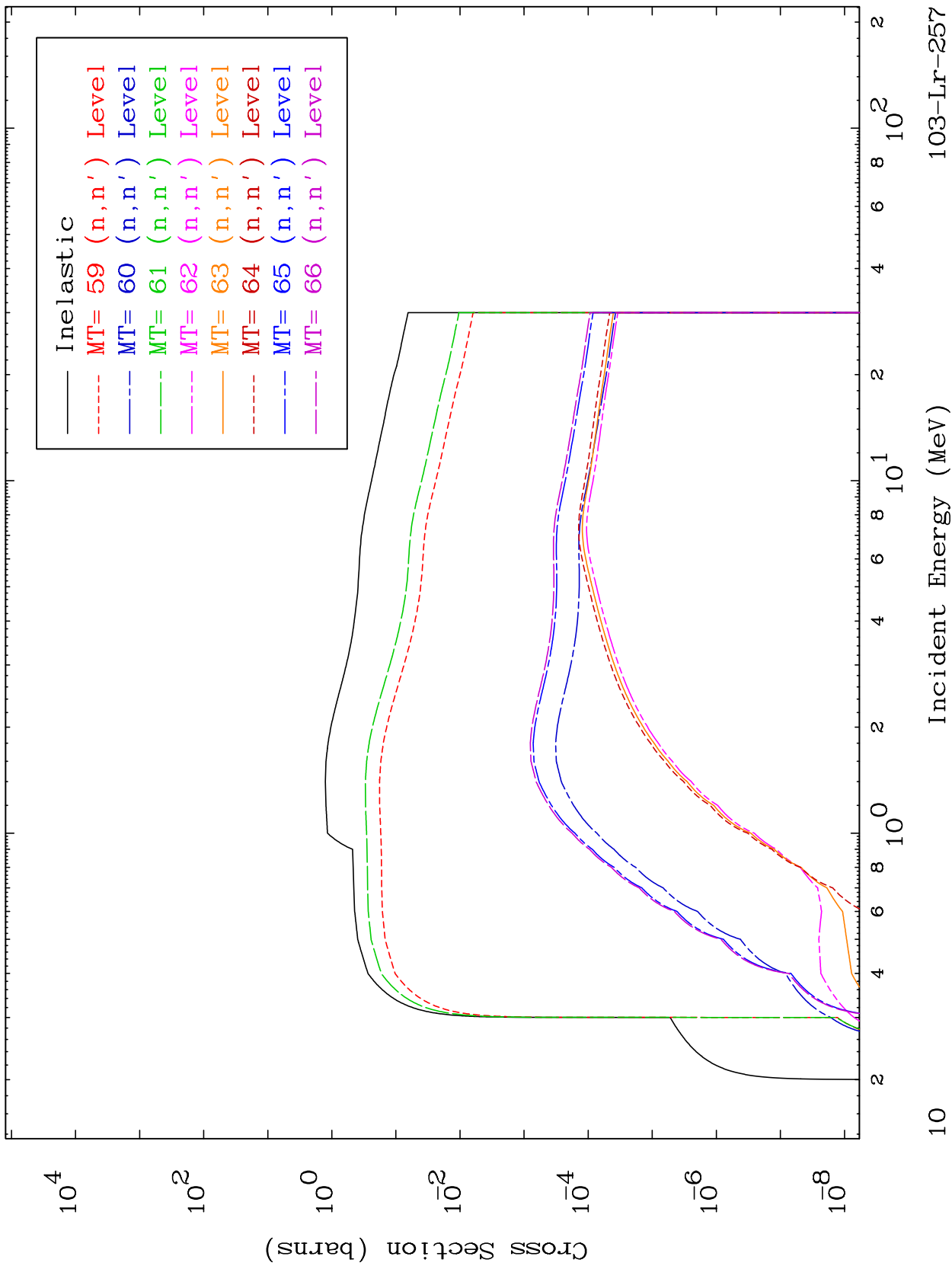




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(n,n') Levels
293 Kelvin Cross Sections

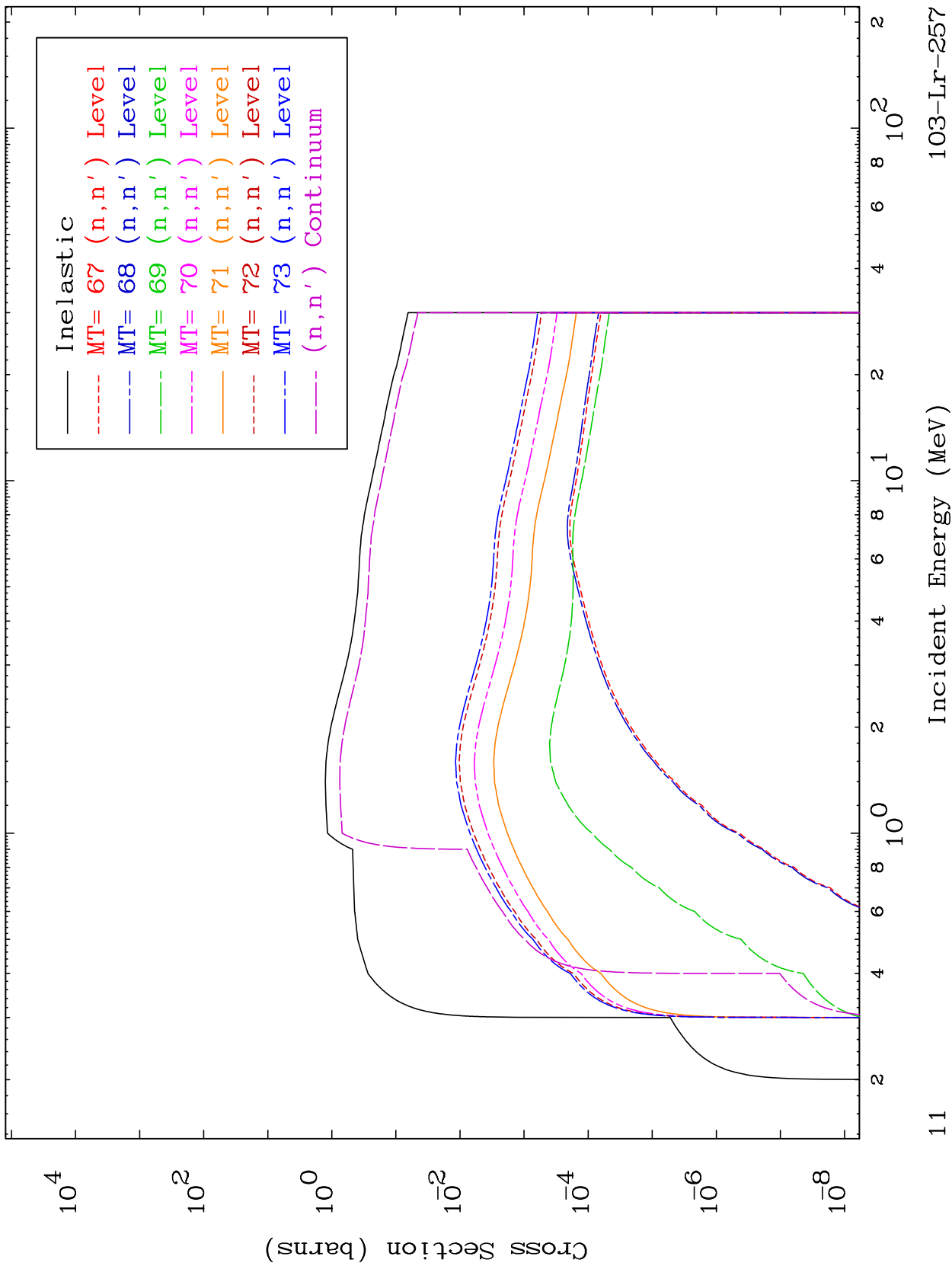
103-Lr-257



103-Lr-257

Incident Energy (MeV)

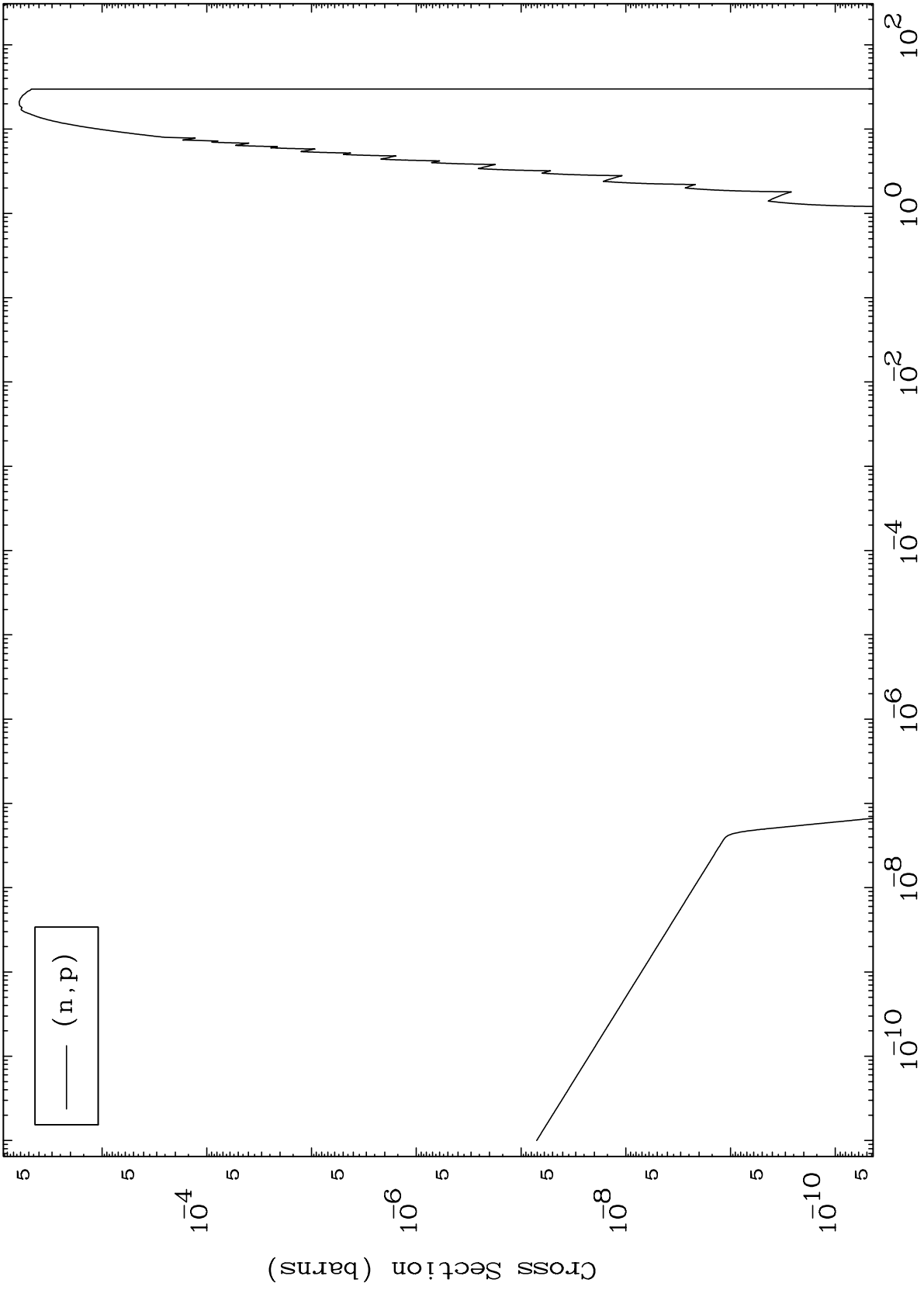
10



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(n,p) Levels
293 Kelvin Cross Sections

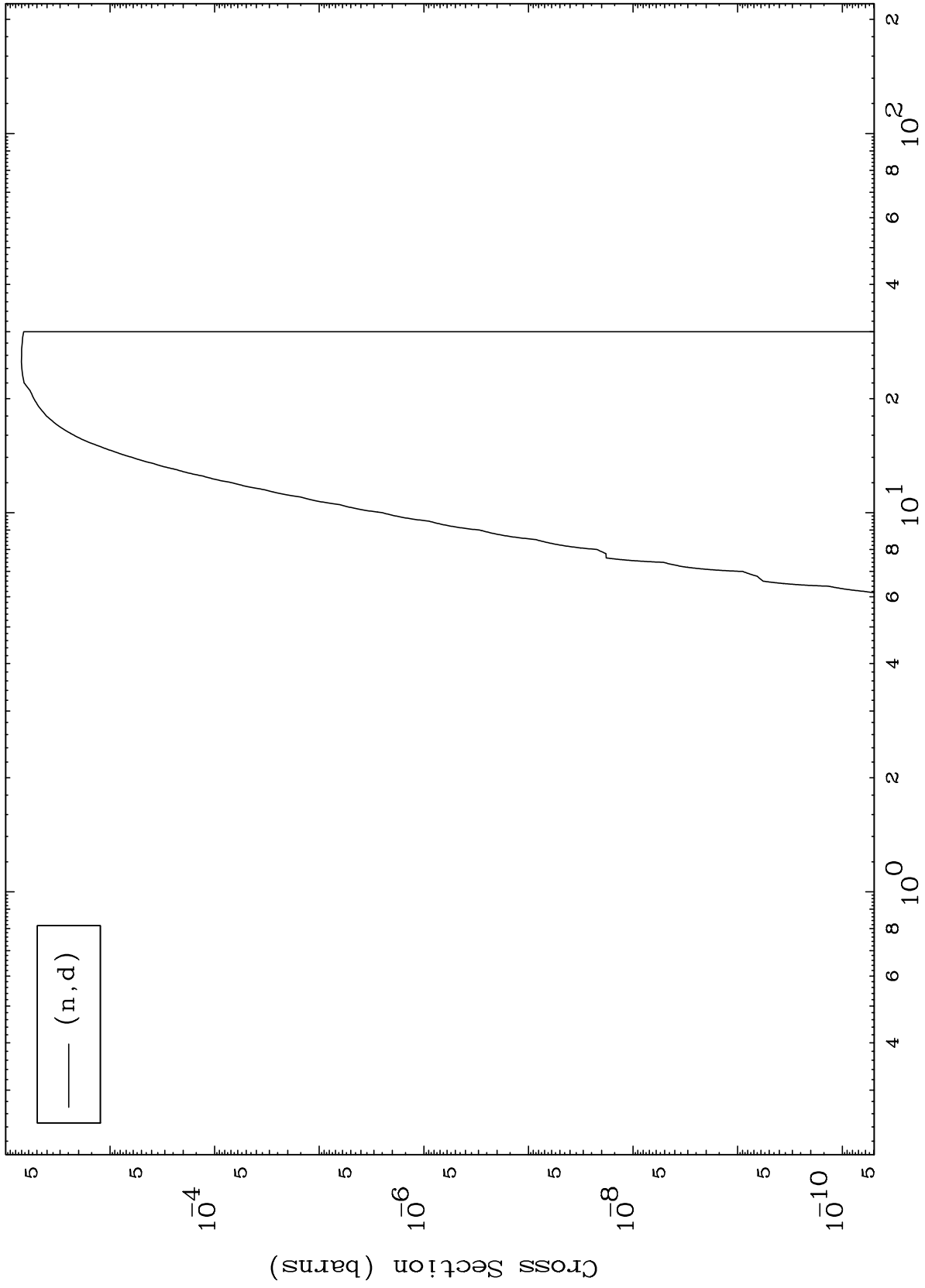
103-Lr-257



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(n,d) Levels
293 Kelvin Cross Sections

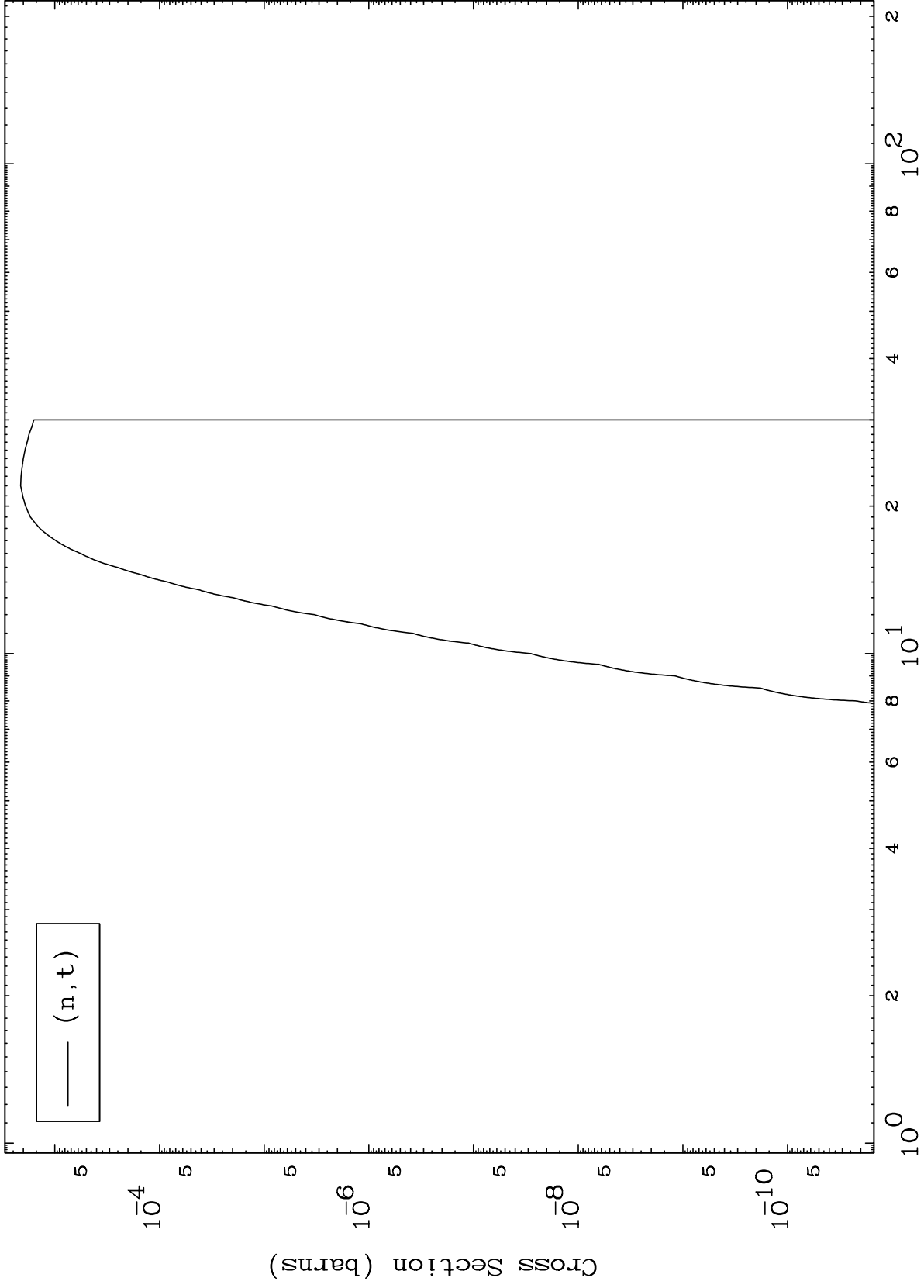
103-Lr-257



MAT 9986

(n,t) Levels
293 Kelvin Cross Sections

103-Lr-257



14

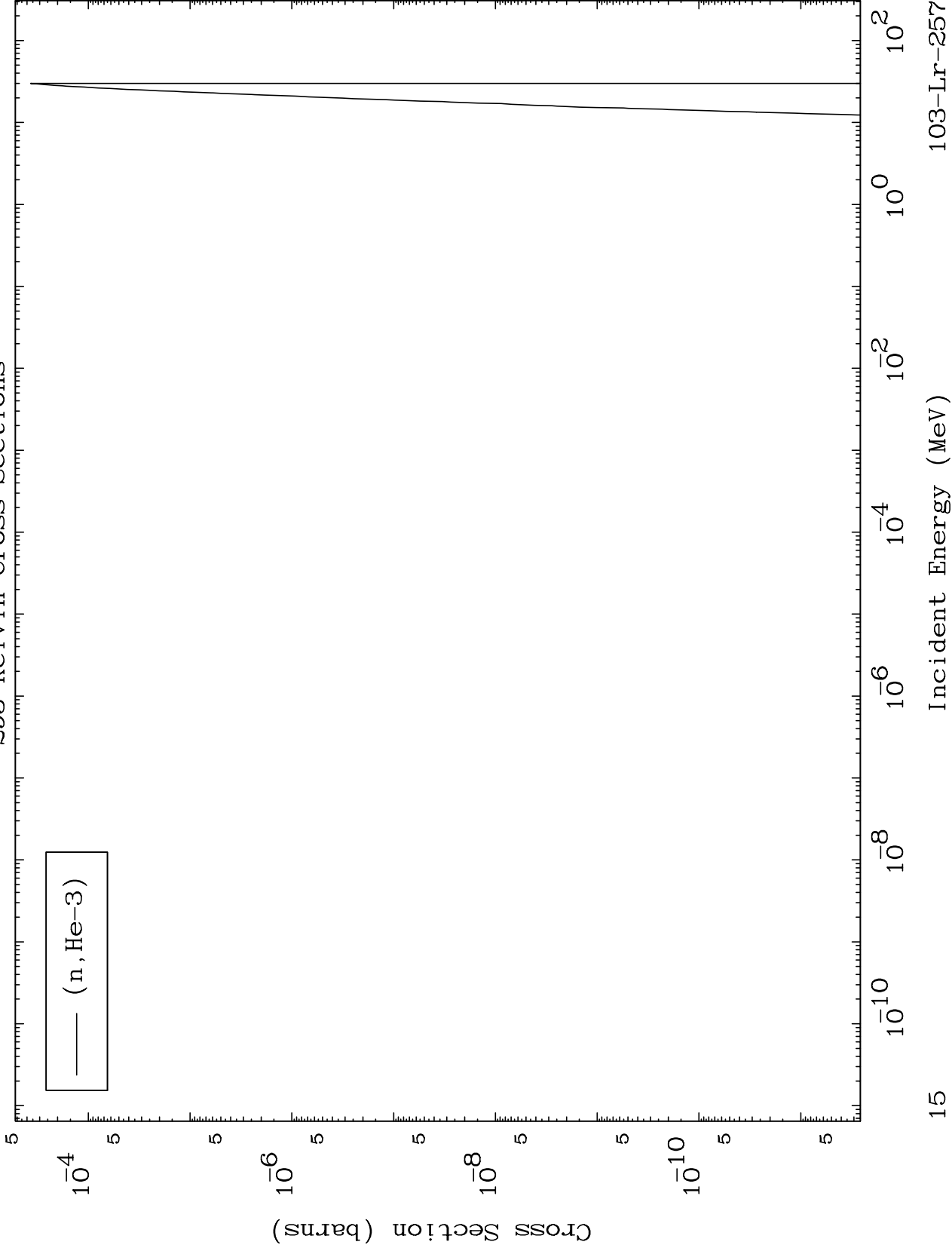
Incident Energy (MeV)

103-Lr-257

MAT 9986

(n,He3) Levels
293 Kelvin Cross Sections

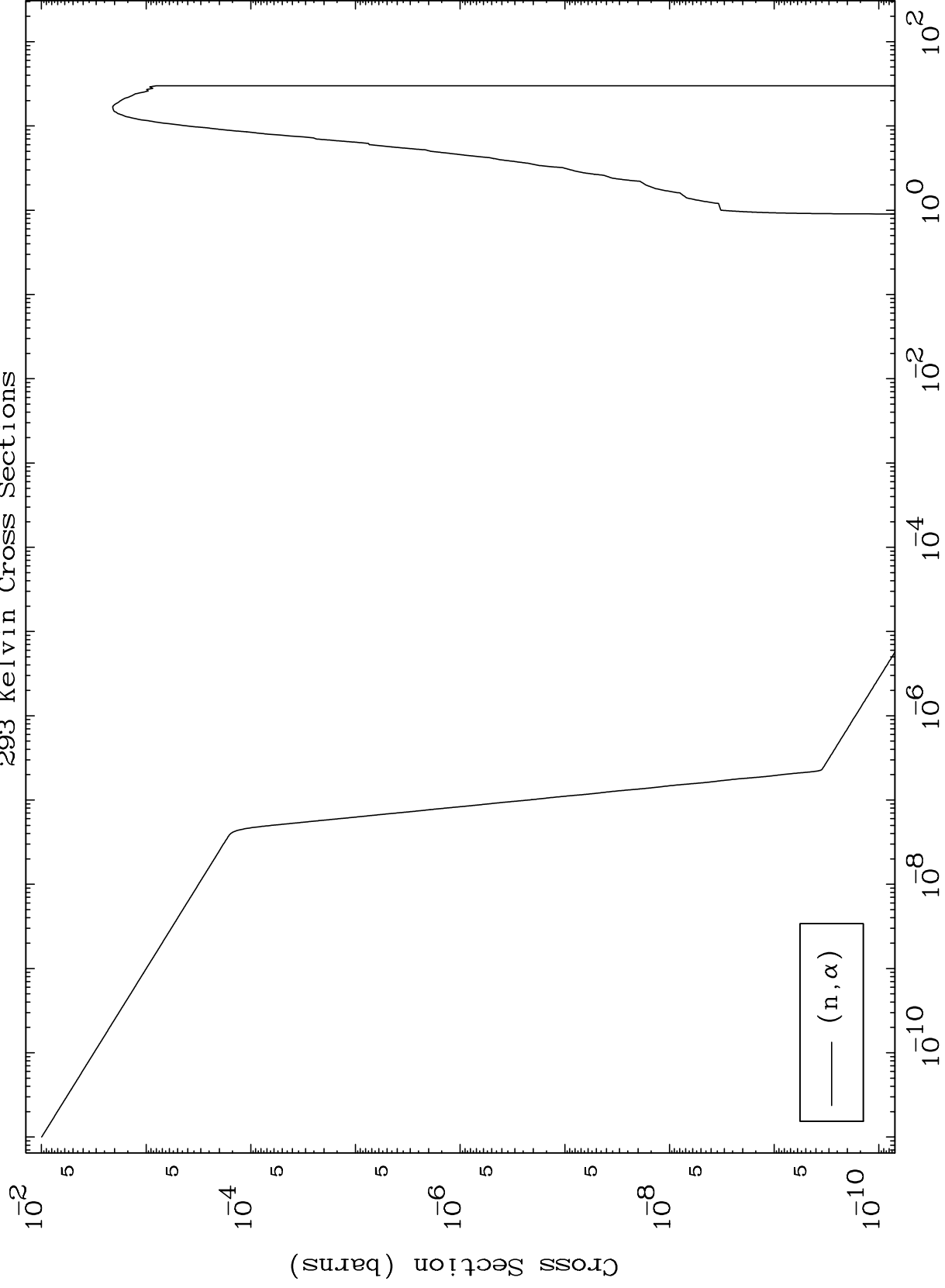
103-Lr-257



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(n, α) Levels
293 Kelvin Cross Sections

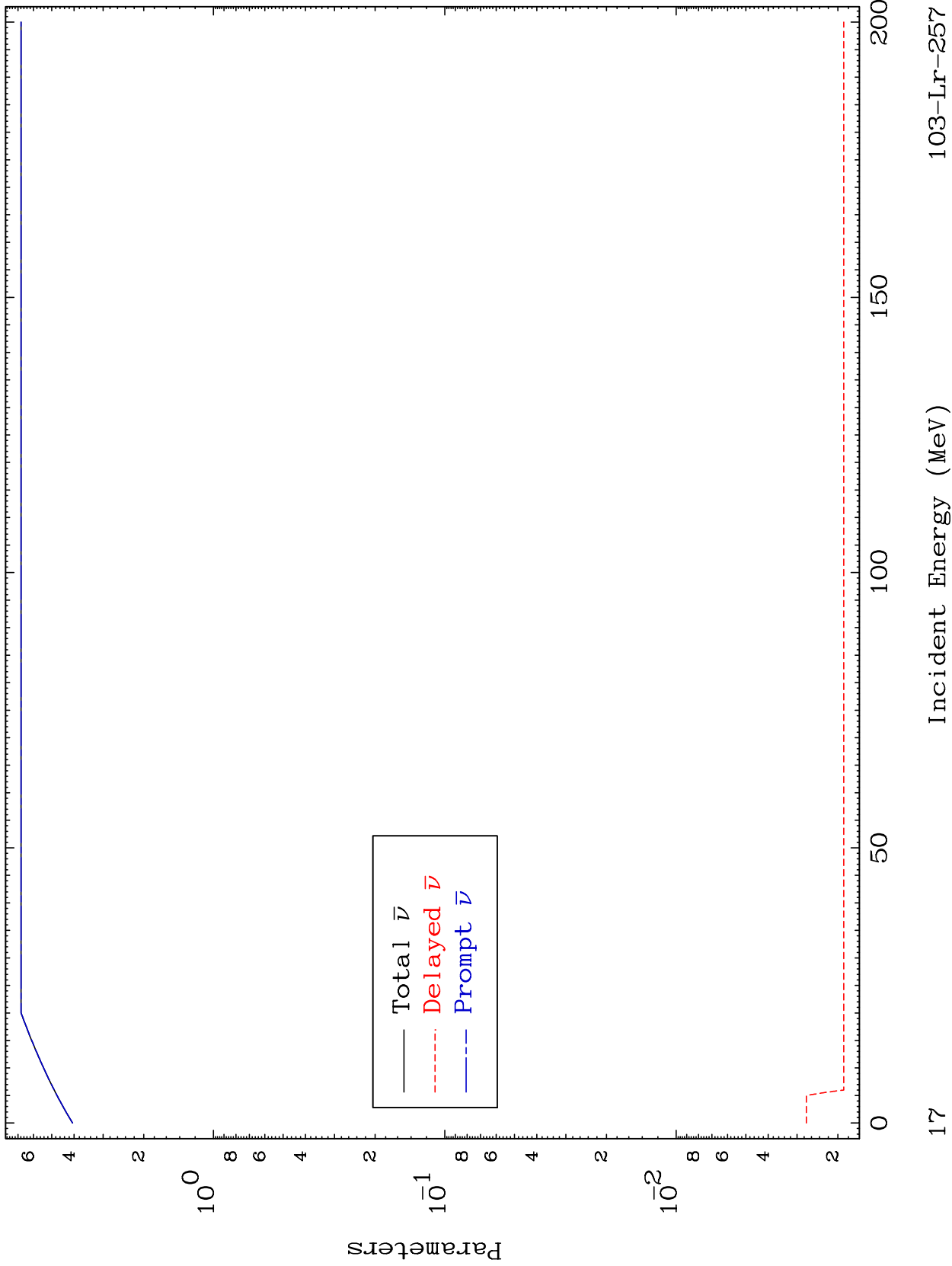
103-Lr-257



16

Incident Energy (MeV)

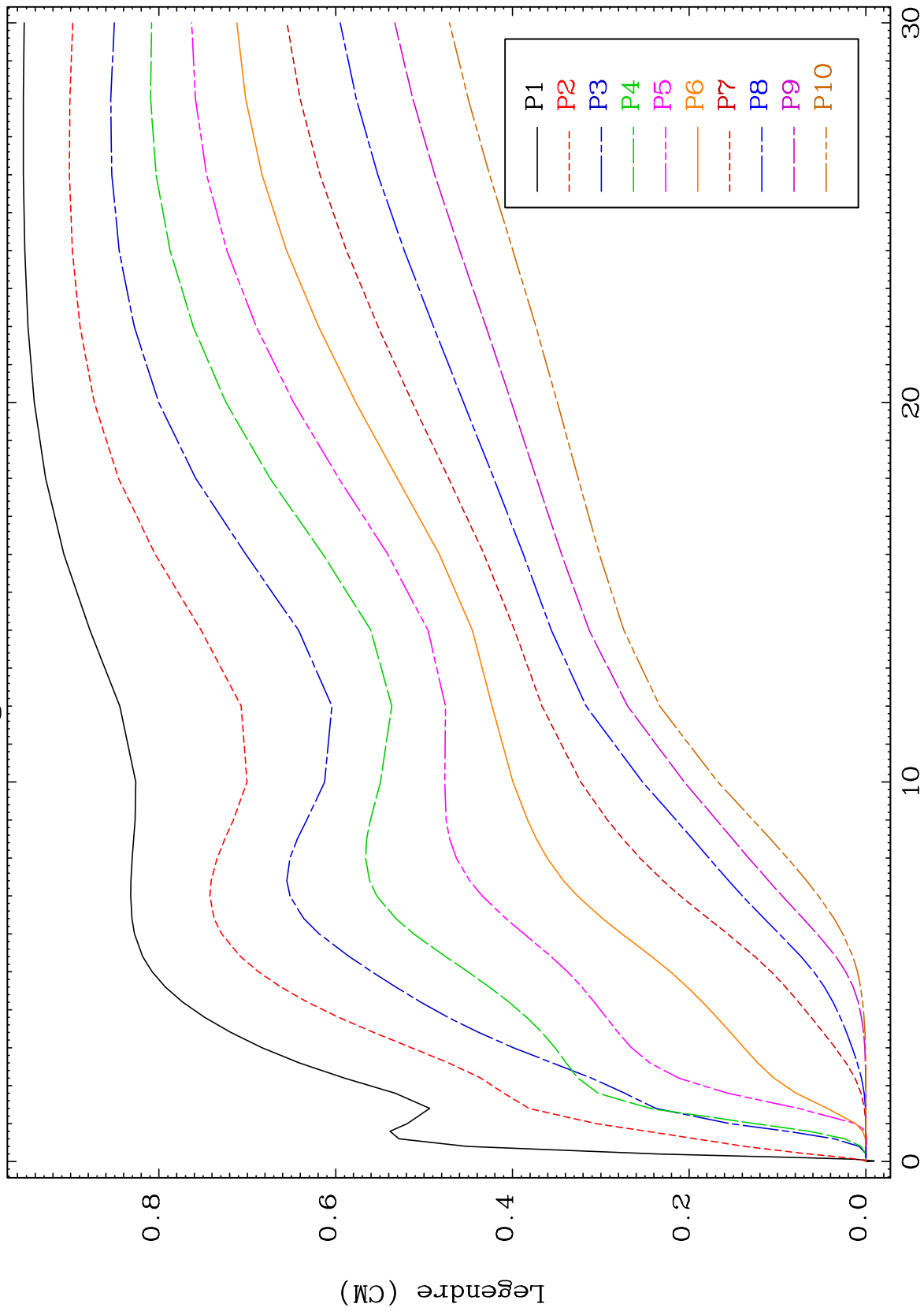
103-Lr-257



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Elastic Legendre Coefficients

103-Lr-257



18

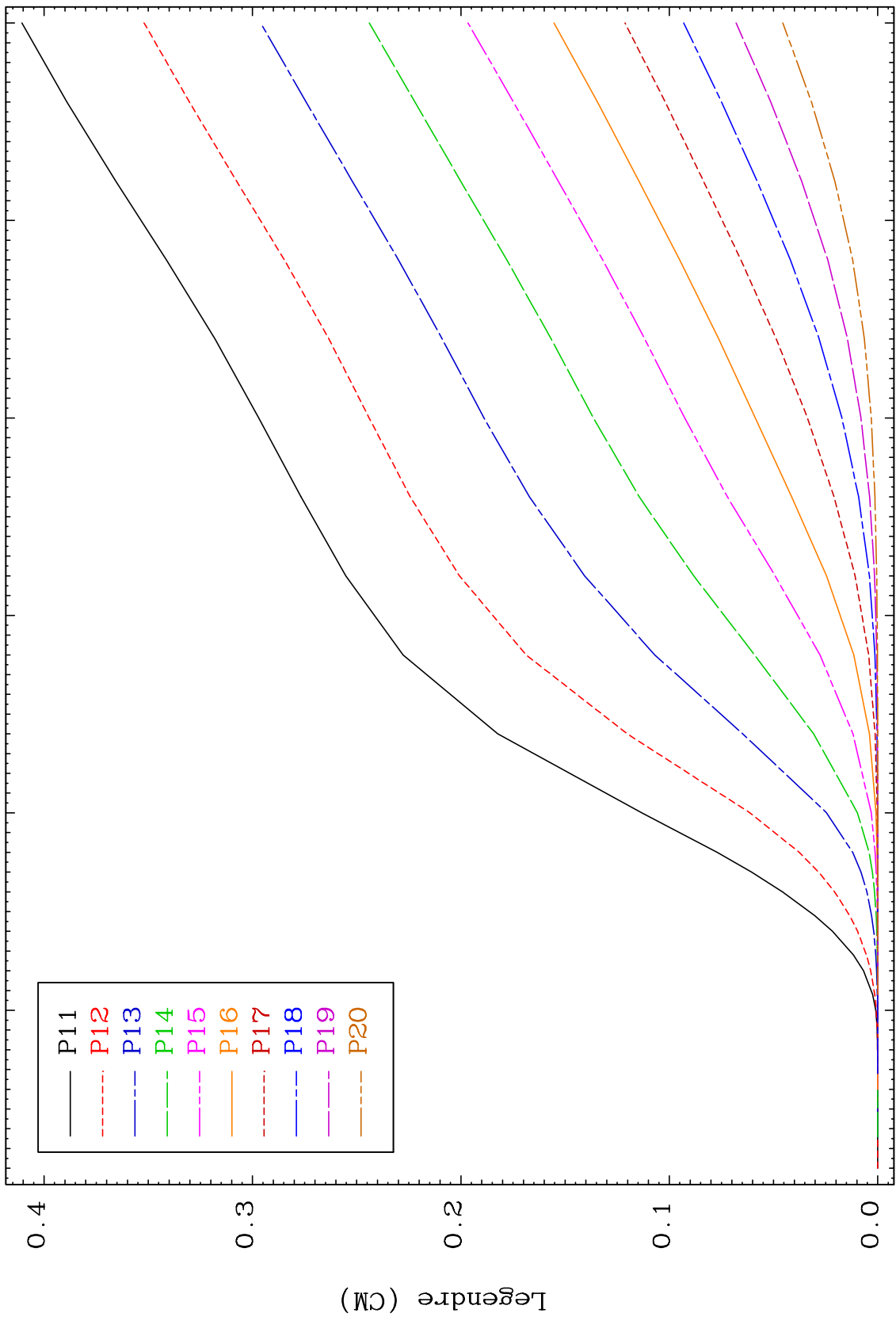
Incident Energy (MeV)

103-Lr-257

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Elastic Legendre Coefficients

103-Lr-257



19

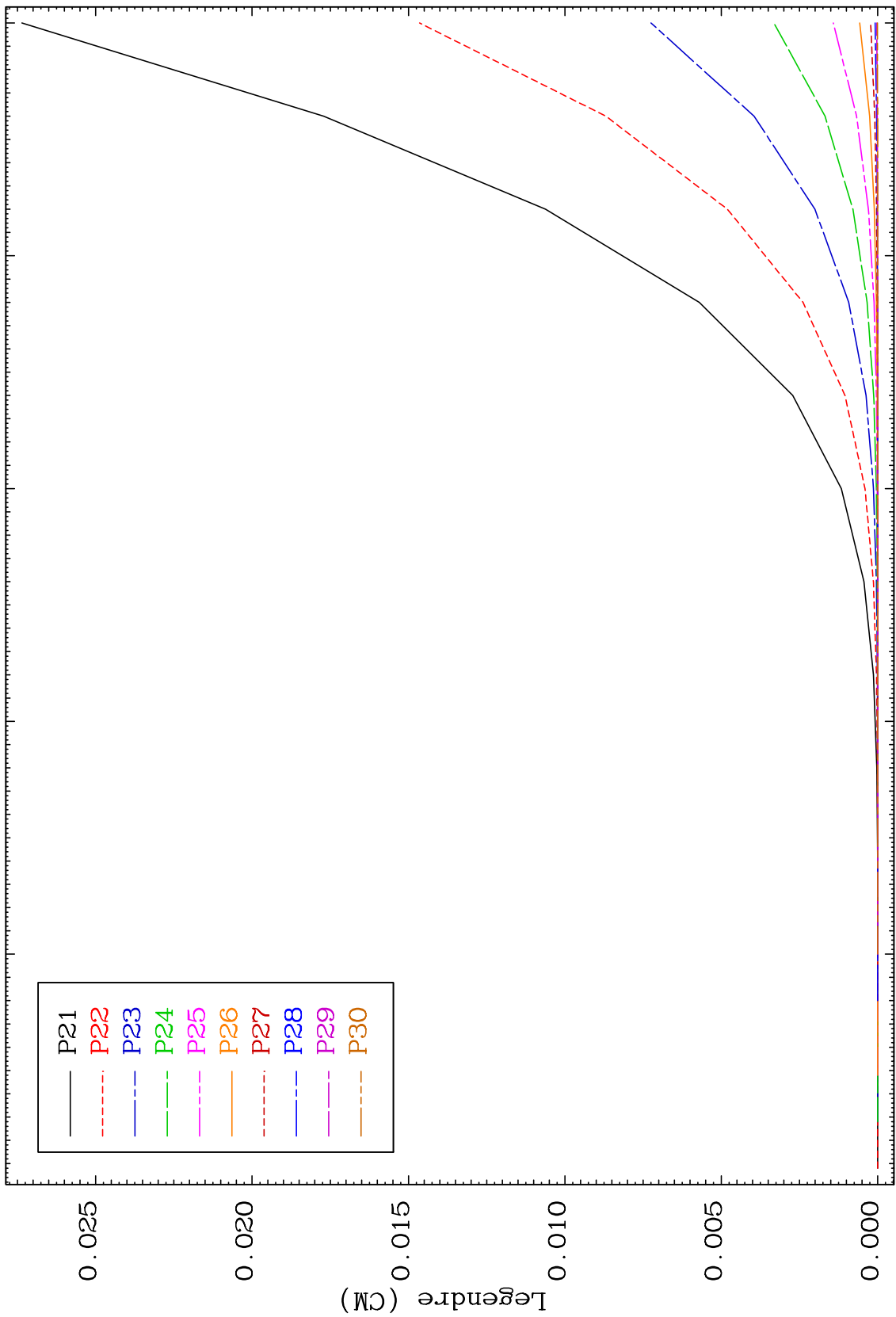
Incident Energy (MeV)

103-Lr-257

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Elastic Legendre Coefficients

103-Lr-257



20

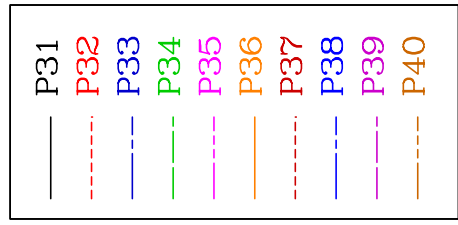
Incident Energy (MeV)

103-Lr-257

MAT 9986

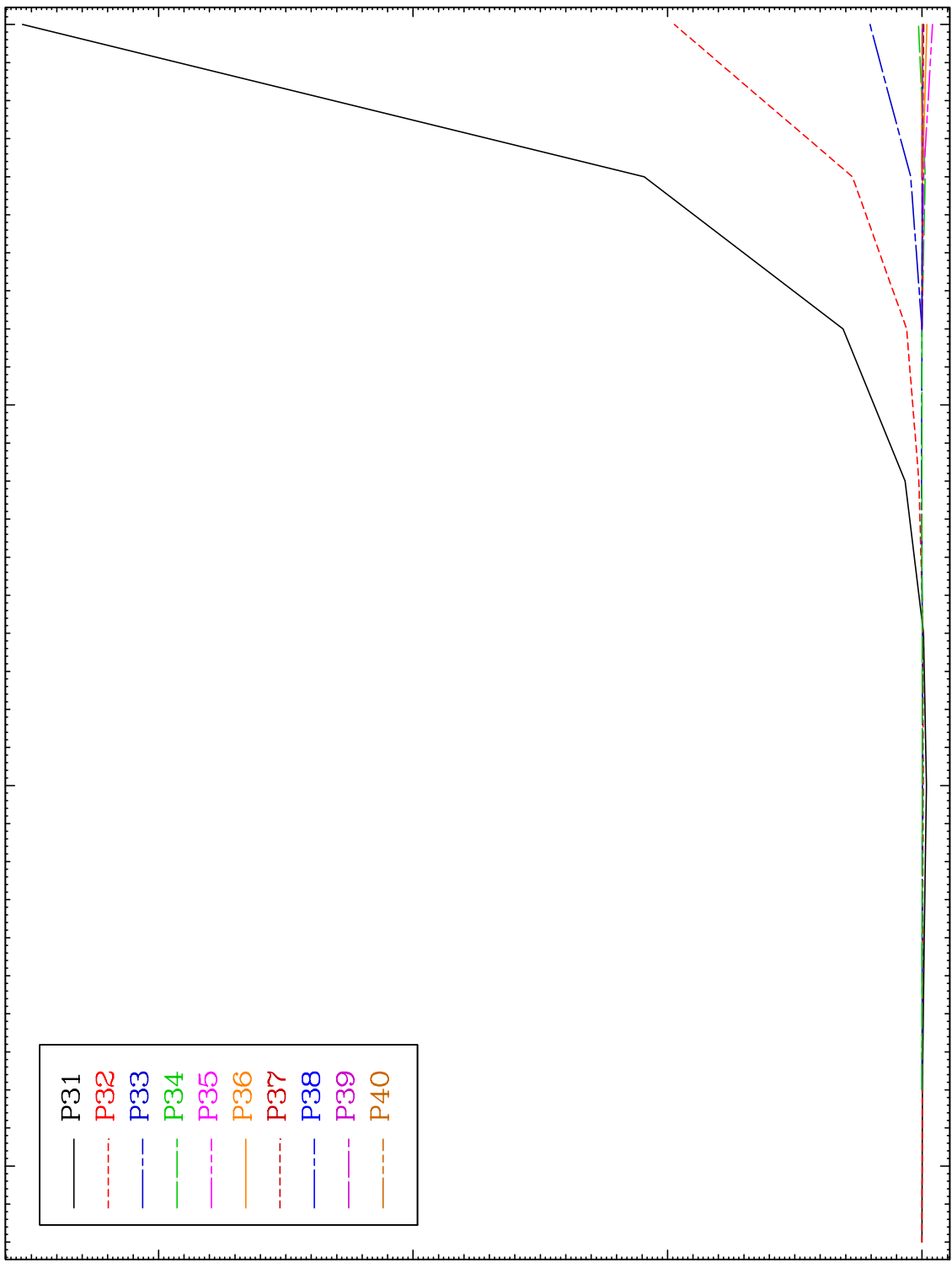
Elastic Legendre Coefficients

103-Lr-257



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

21

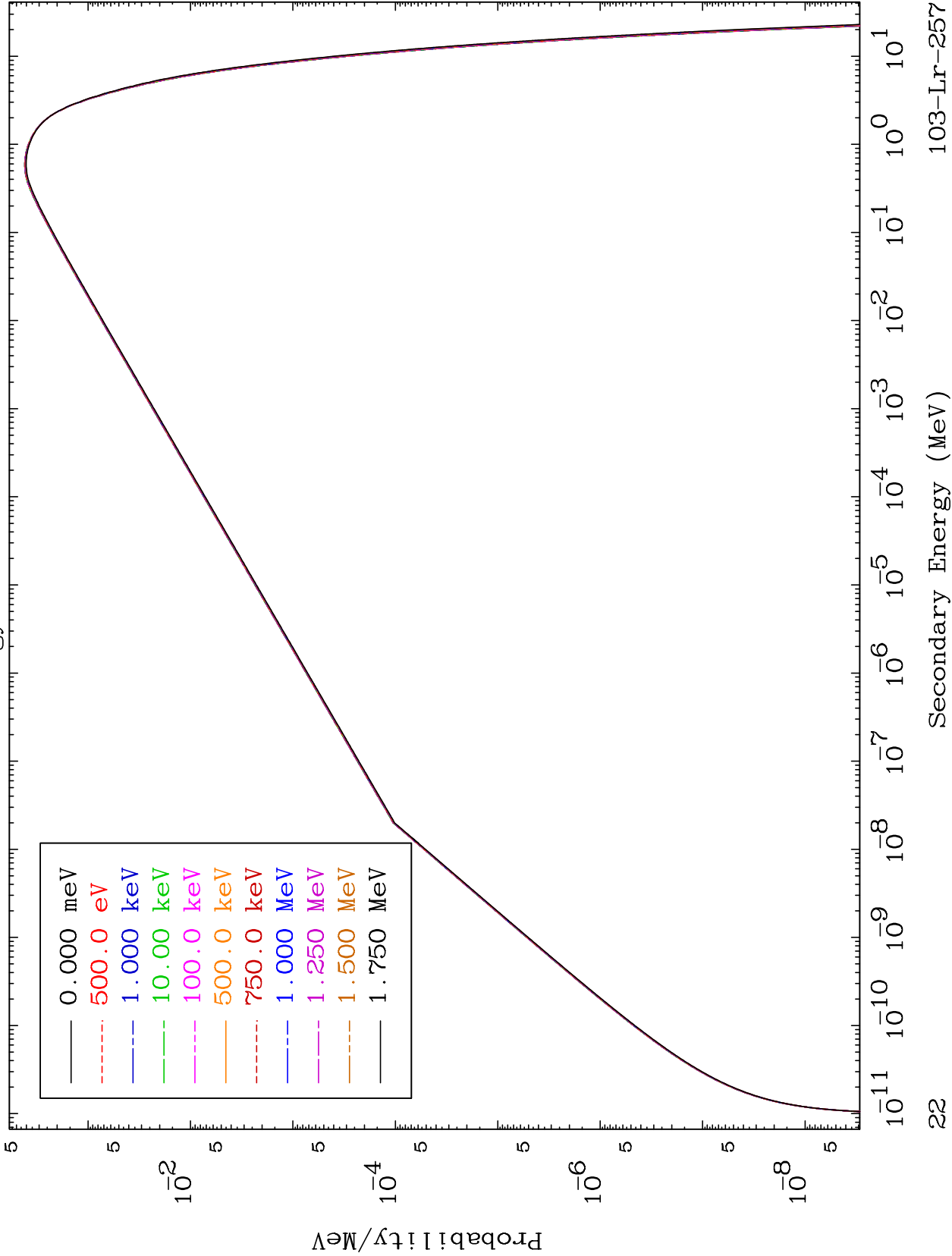
Incident Energy (MeV)

103-Lr-257

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Fission Energy Distributions

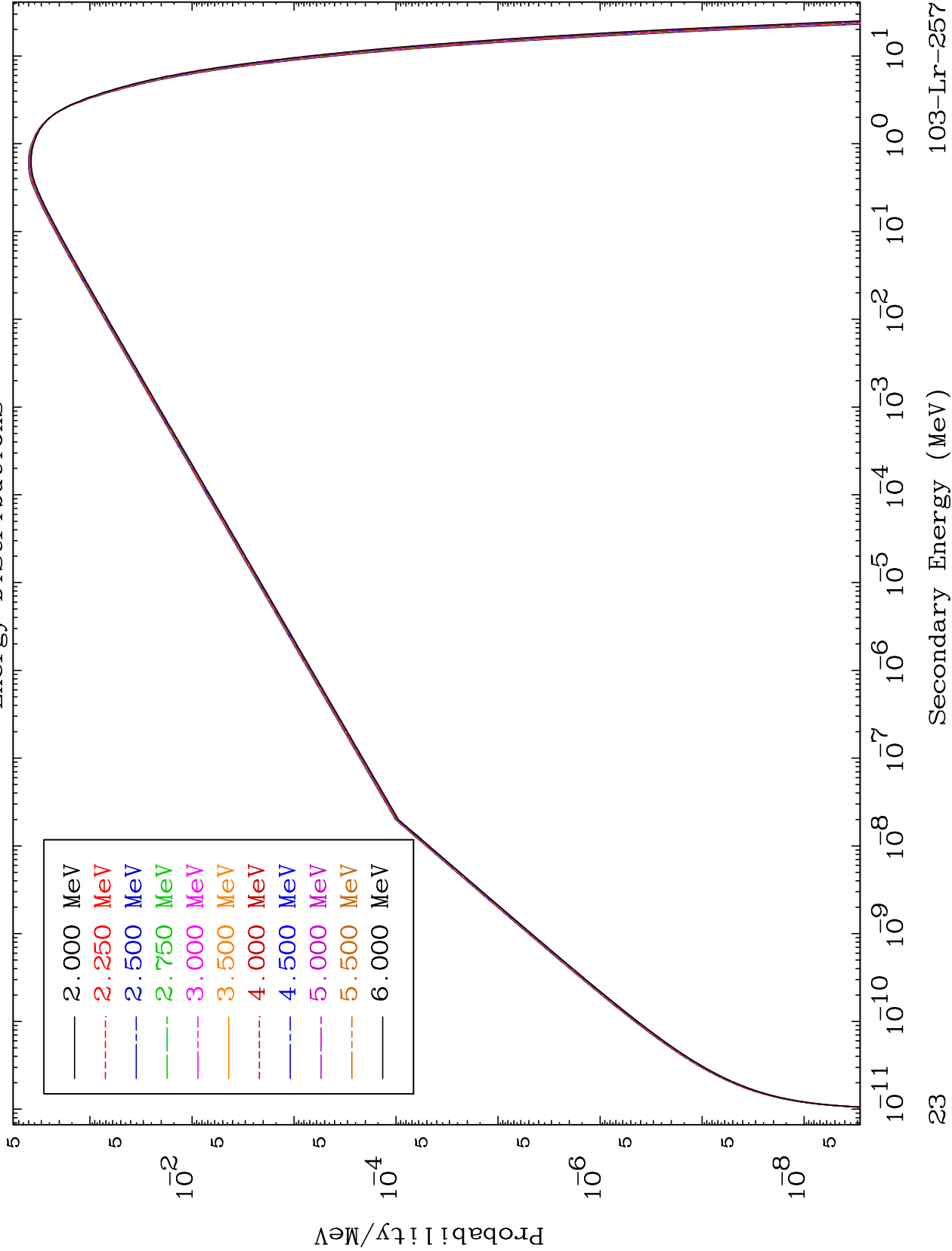
103-Lr-257



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Fission
Energy Distributions

103-Lr-257



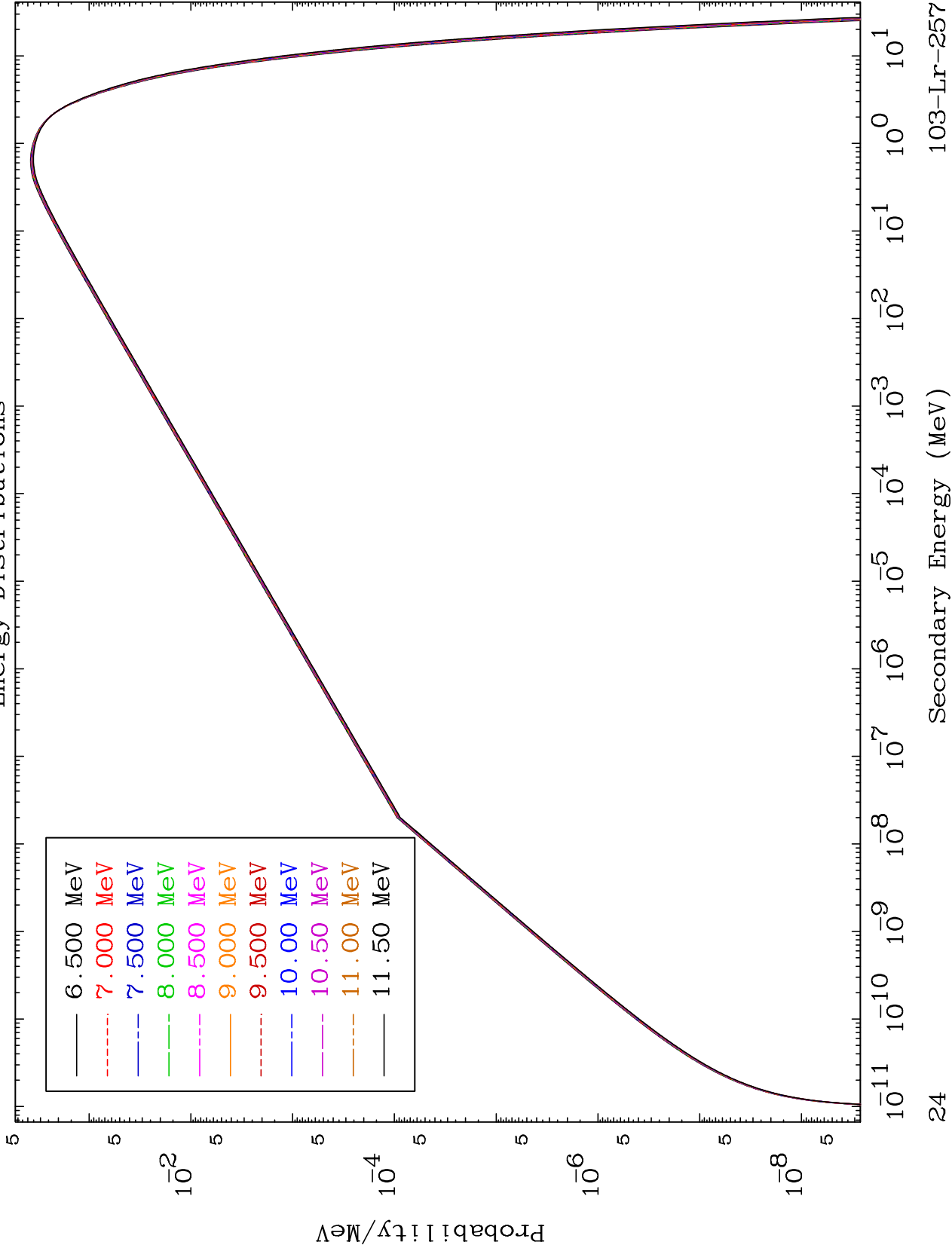
103-Lr-257

Secondary Energy (MeV)

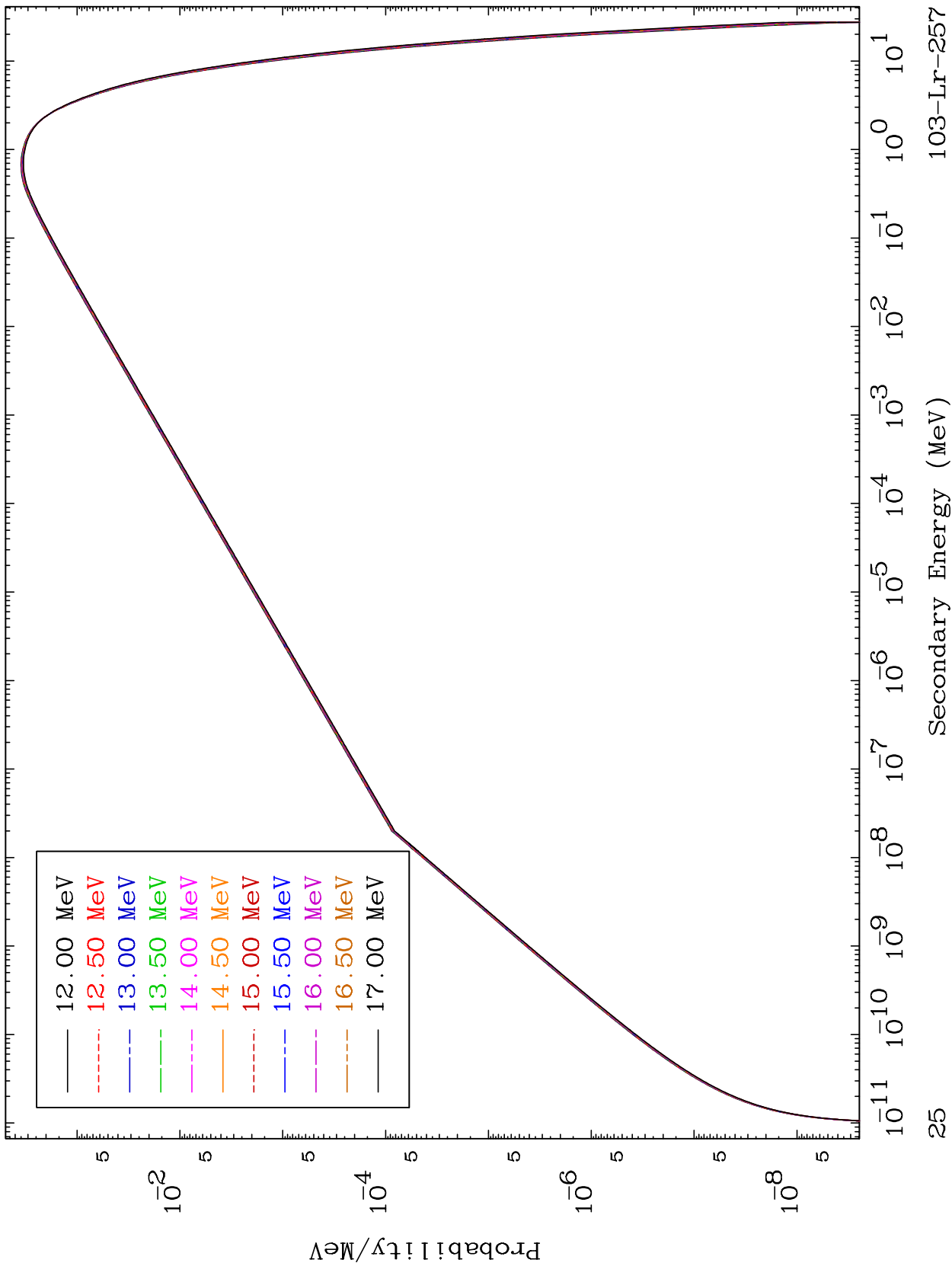
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Fission
Energy Distributions

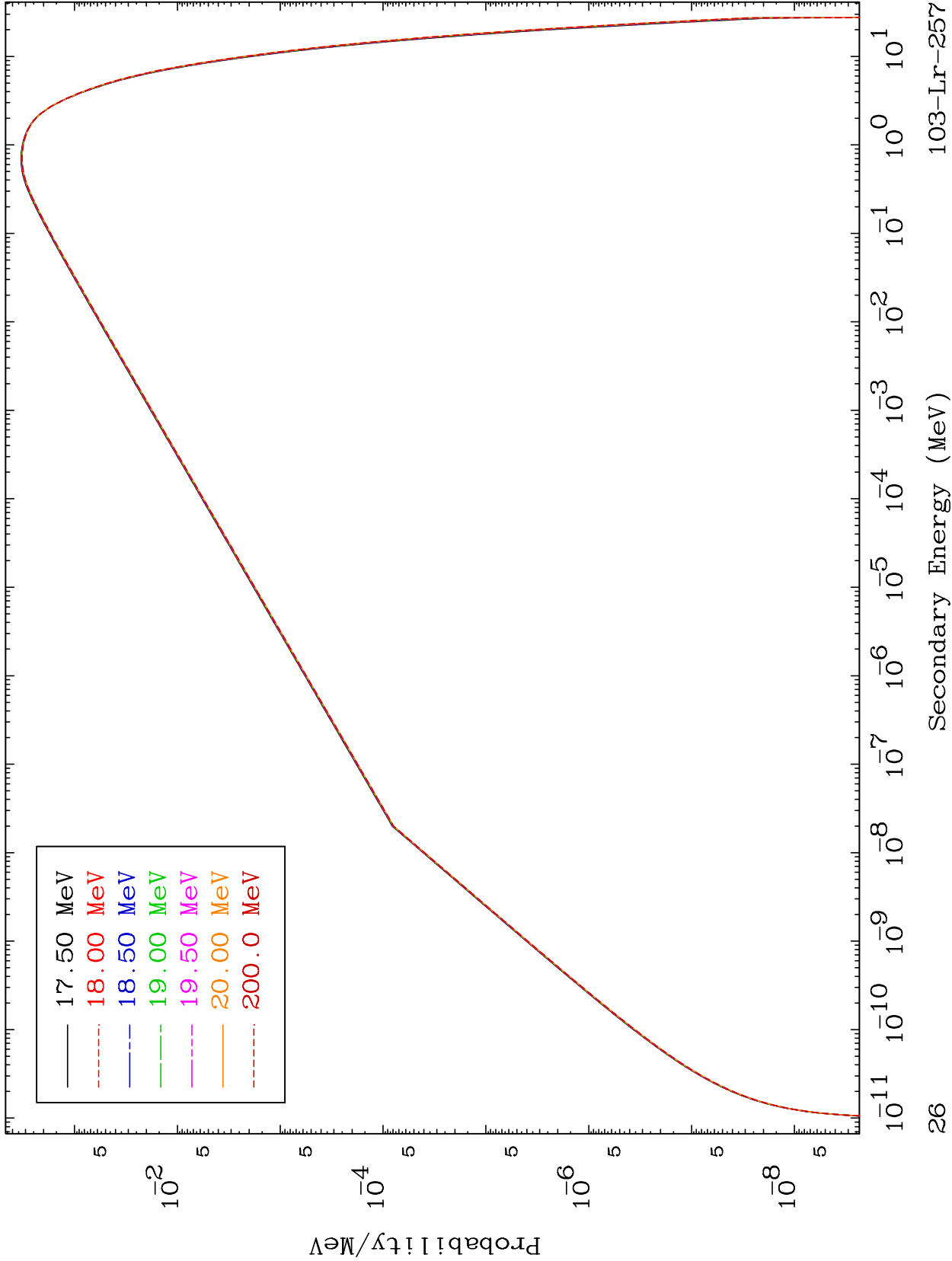
103-Lr-257



Fission Energy Distributions



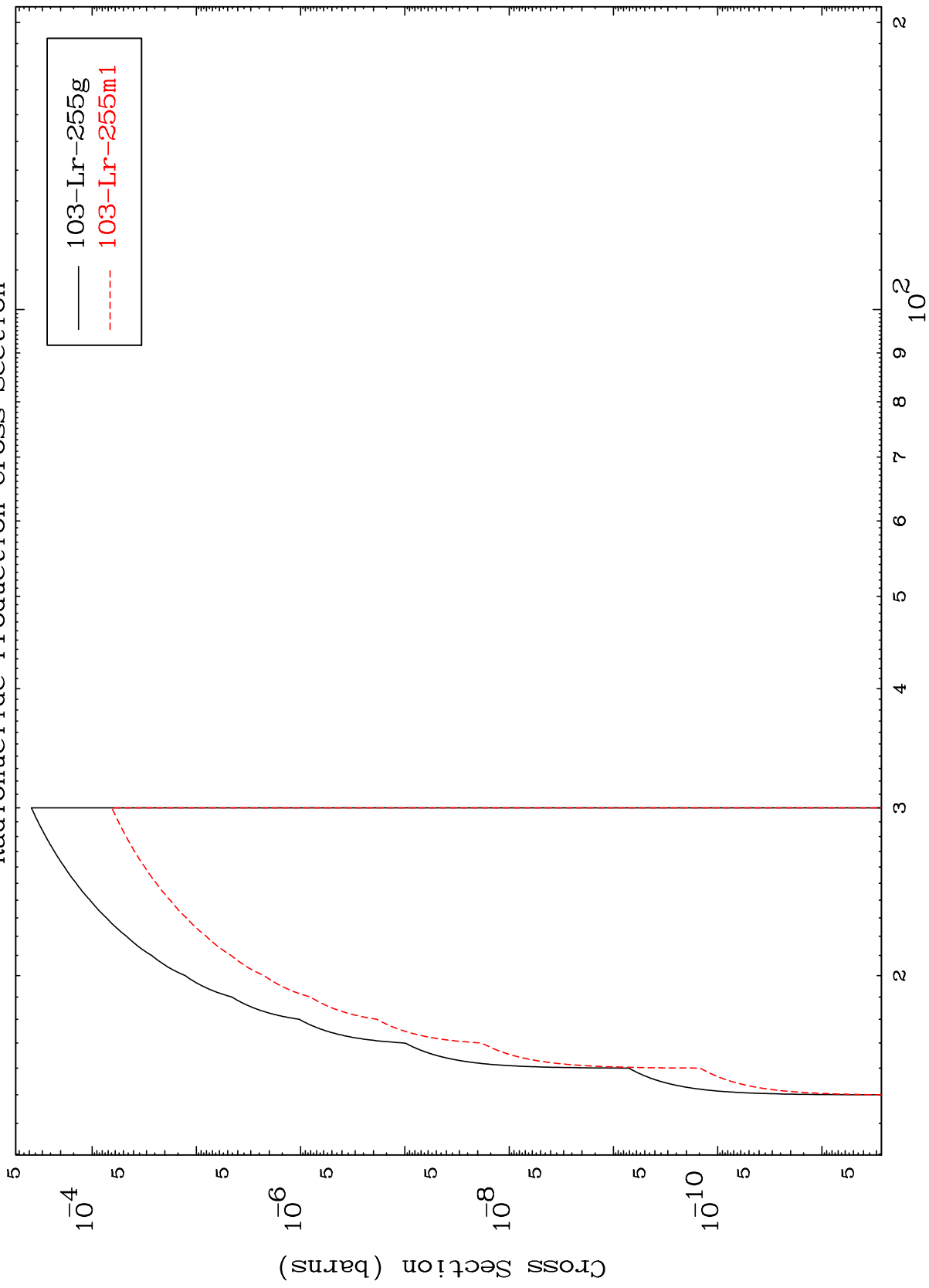
Fission Energy Distributions



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103-Lr-257

(n,3n)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

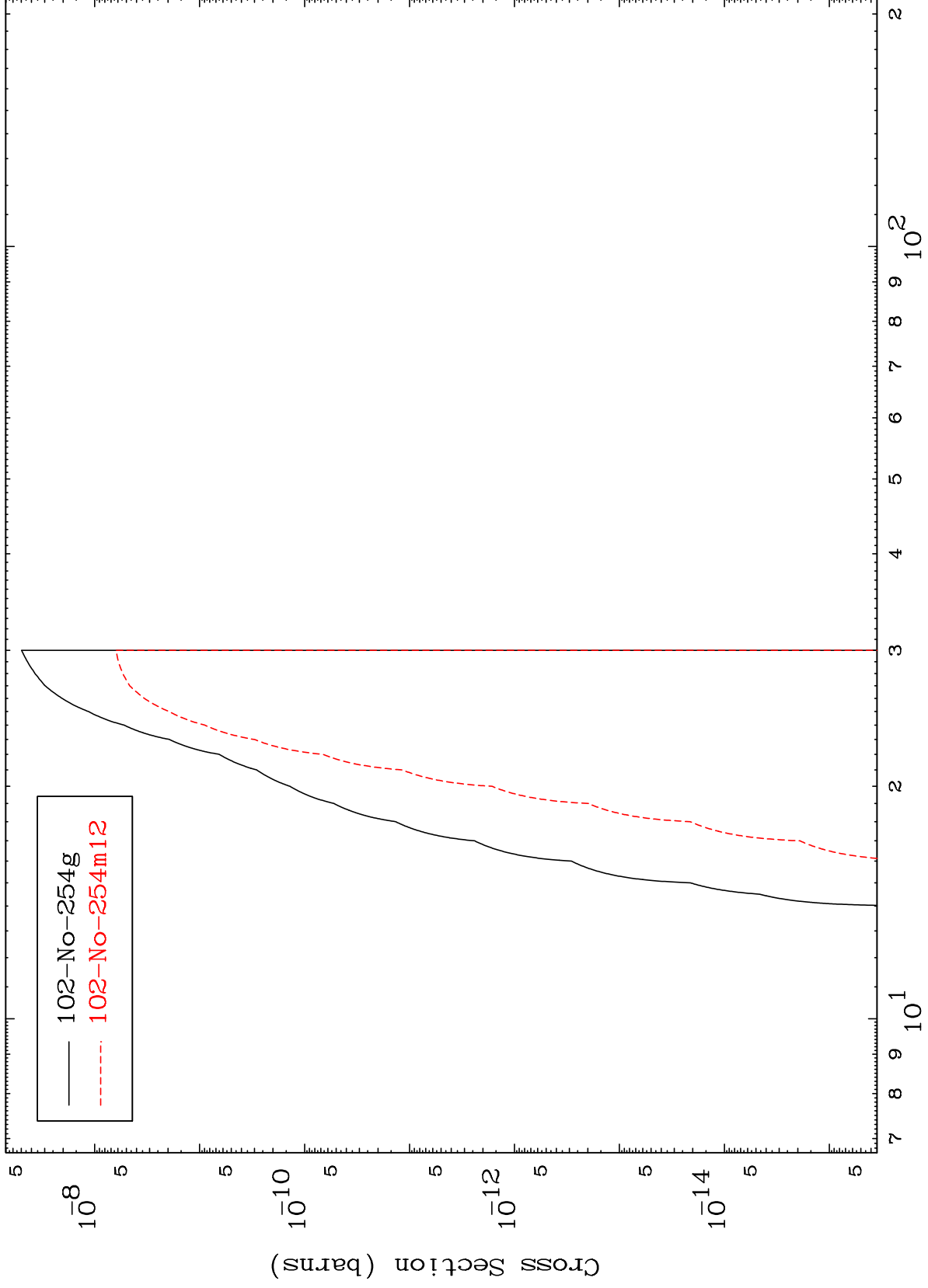
103-Lr-257

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(n,n') t

103-Lr-257

Radionuclide Production Cross Section



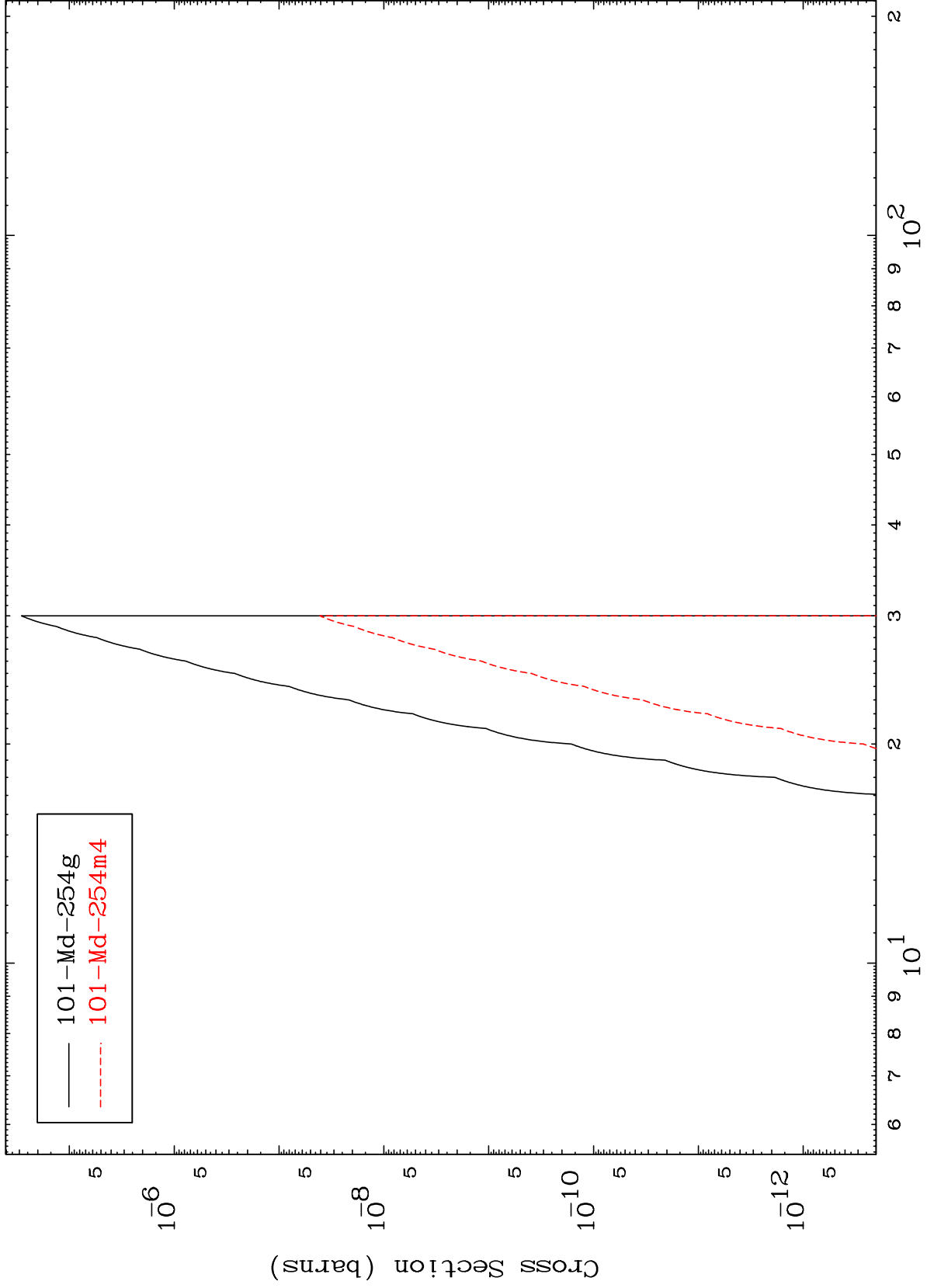
— 102-No-254g
- - - 102-No-254m12

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(n,n') He-3

103-Lr-257

Radionuclide Production Cross Section



101-Md-254g
101-Md-254m4

29

Incident Energy (MeV)

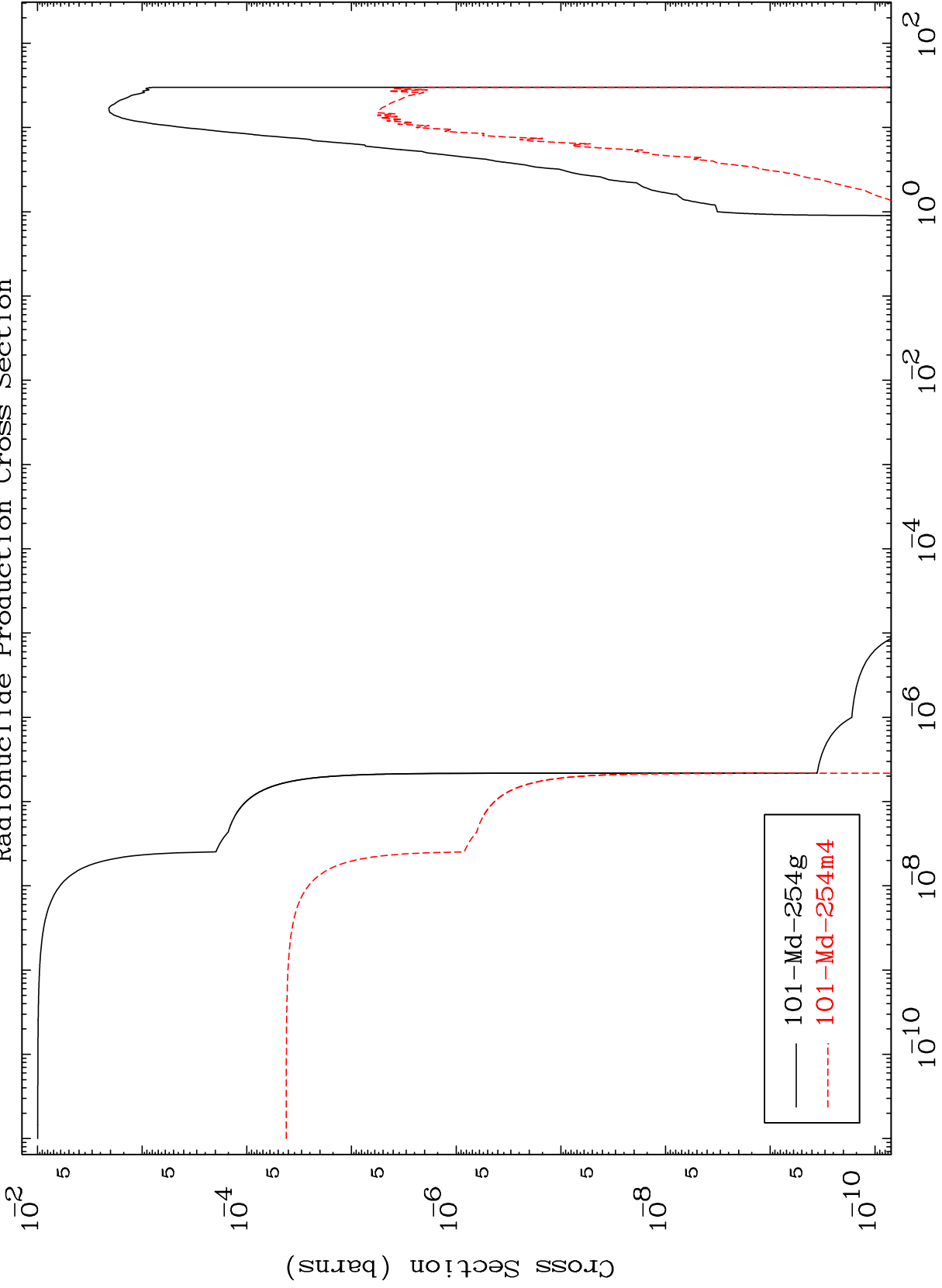
103-Lr-257

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103-Lr-257

Radionuclide Production Cross Section

(n, α)



103-Lr-257

Incident Energy (MeV)

30