

Program EVALPLOT
(Version 2021-1)

by

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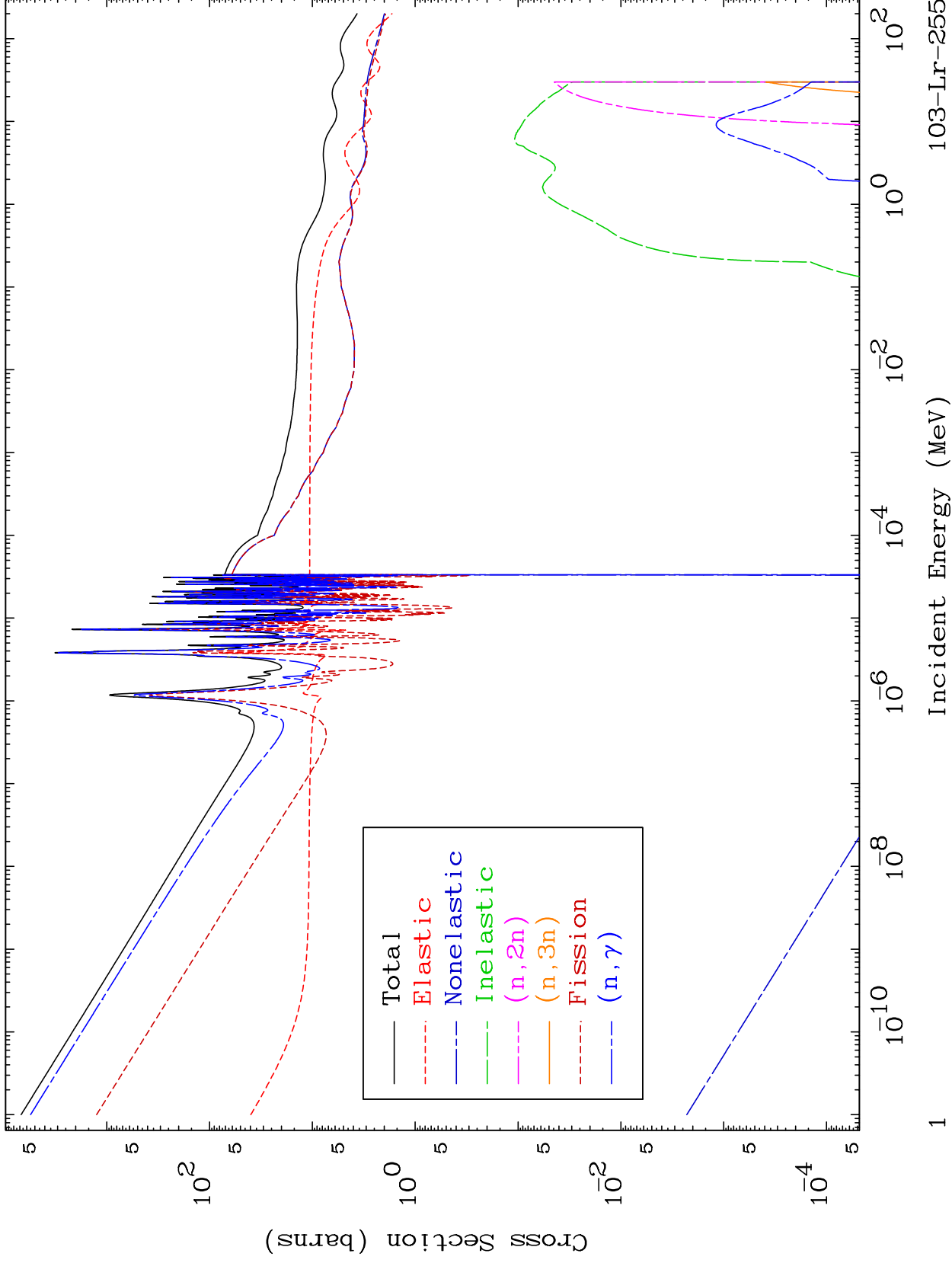
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9984

Neutron Major
293 Kelvin Cross Sections

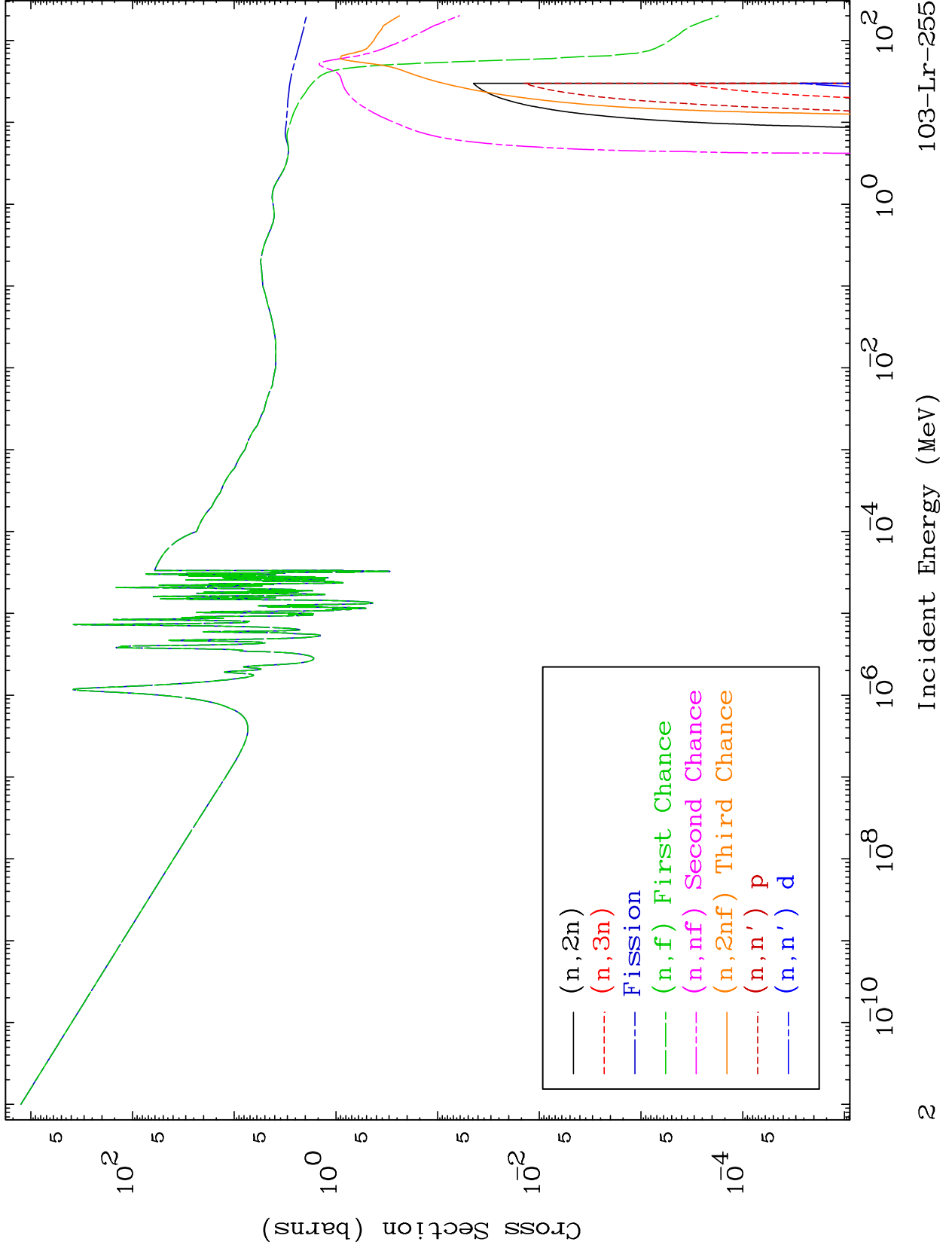
103-Lr-255

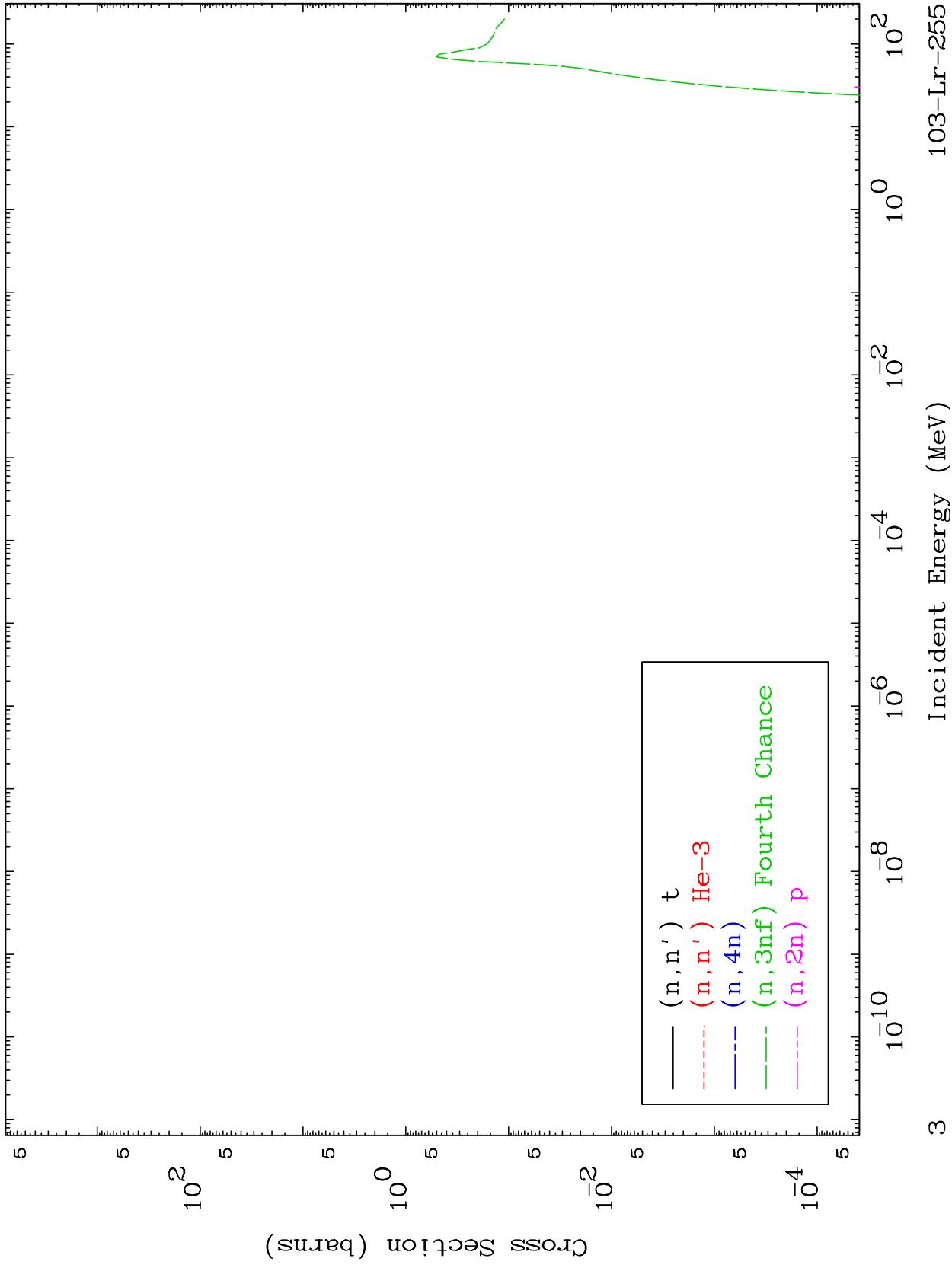


MAT 9984

Neutron Absorption
293 Kelvin Cross Sections

103-Lr-255

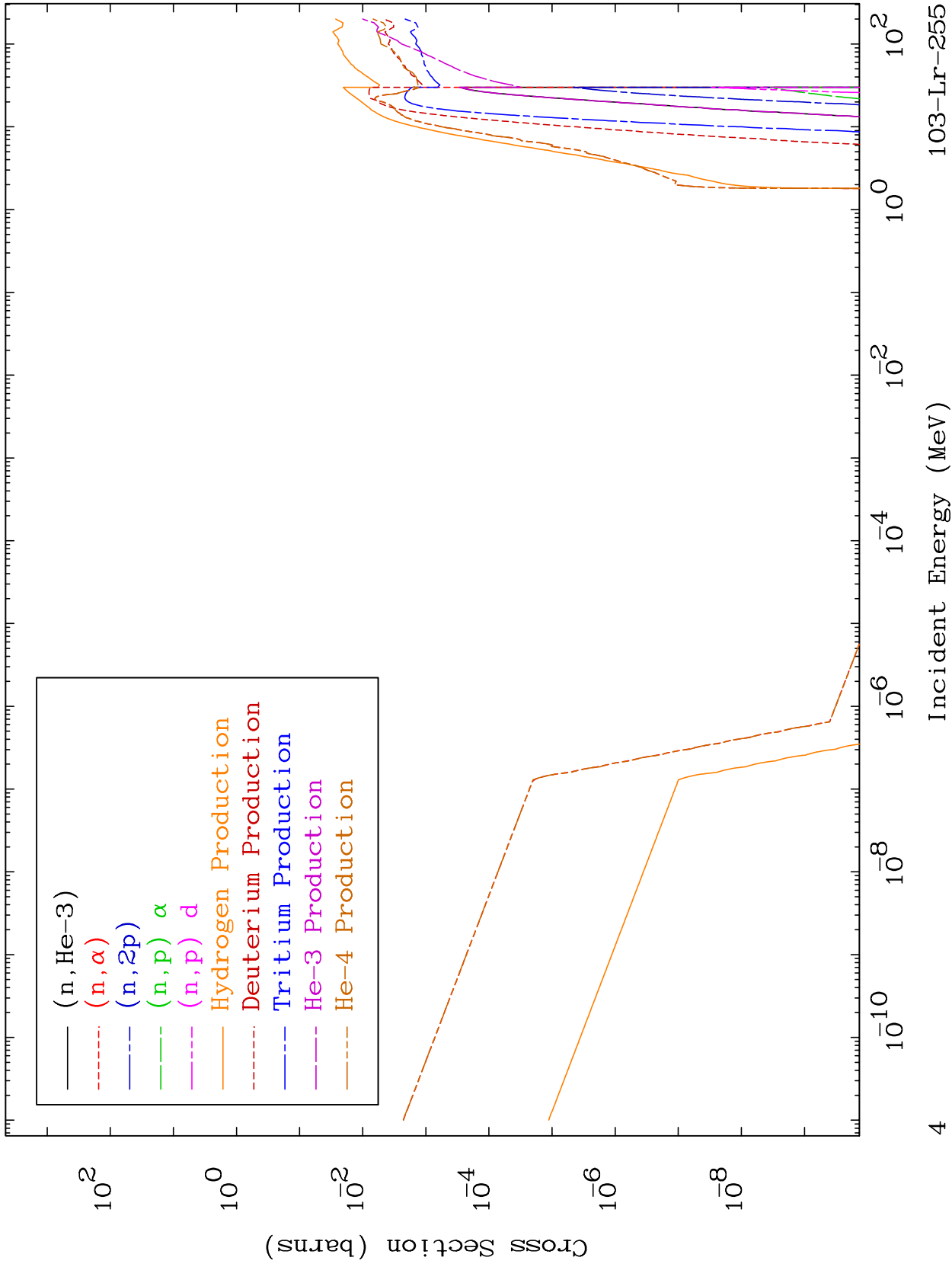




MAT 9984

Neutron Absorption
293 Kelvin Cross Sections

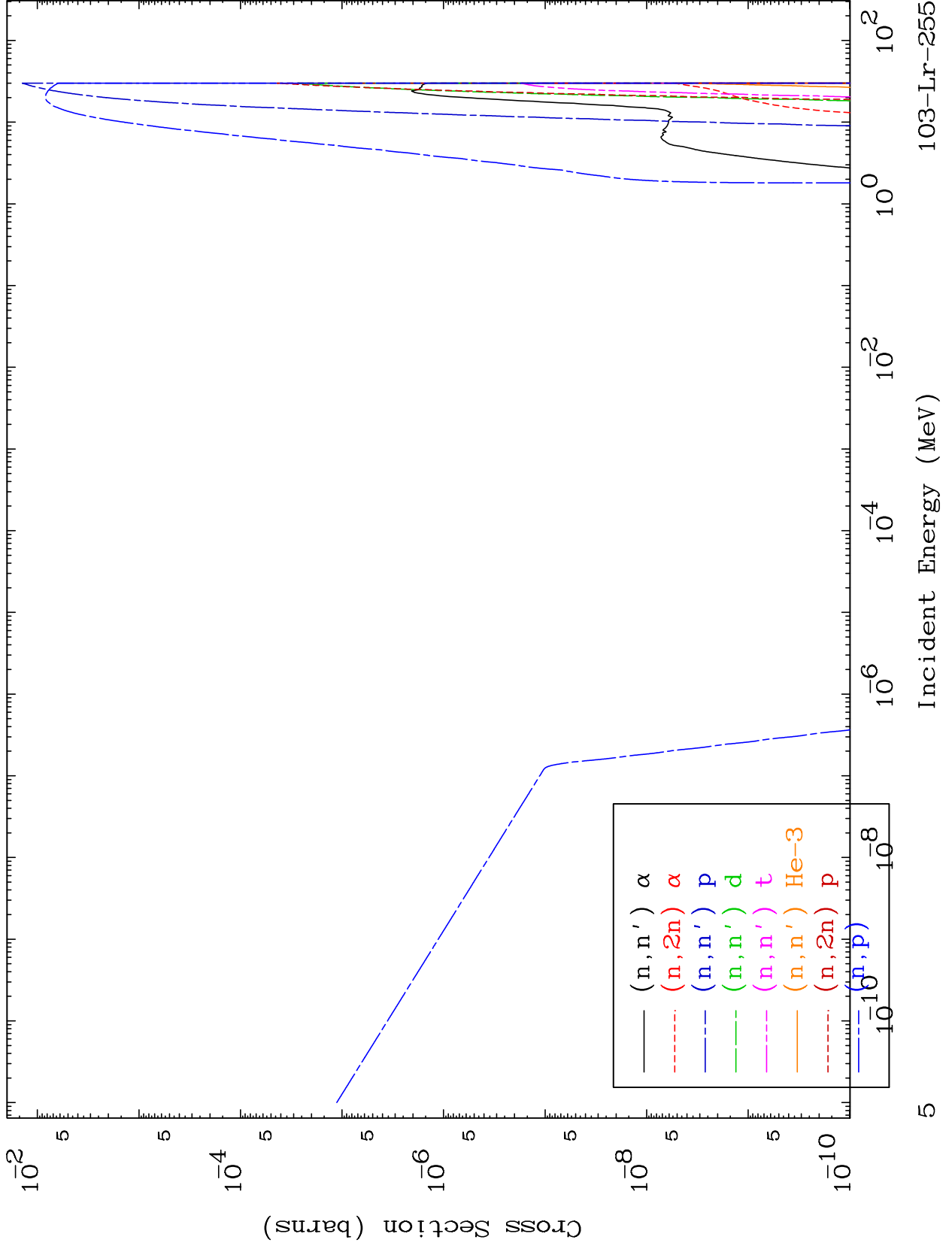
103-Lr-255

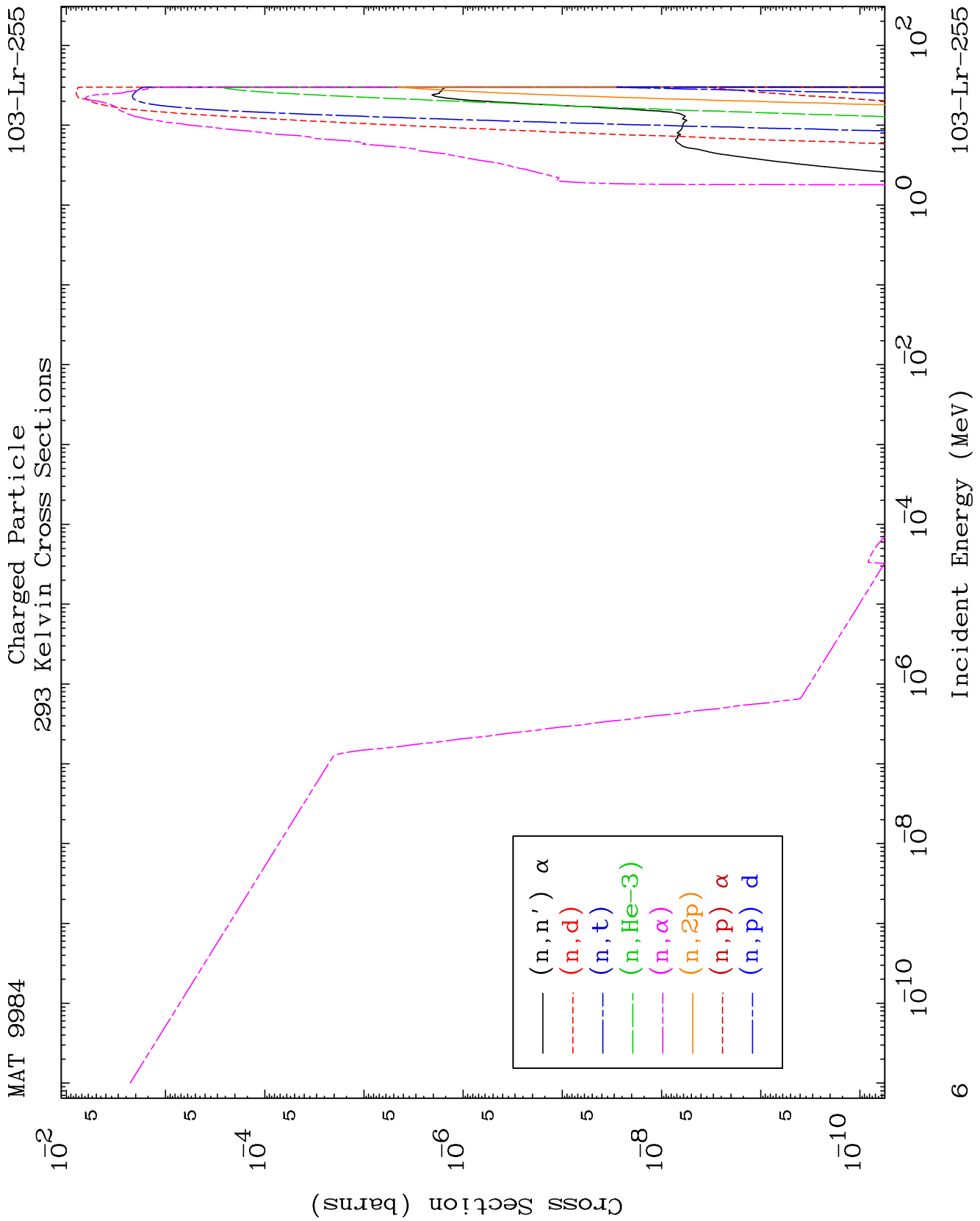


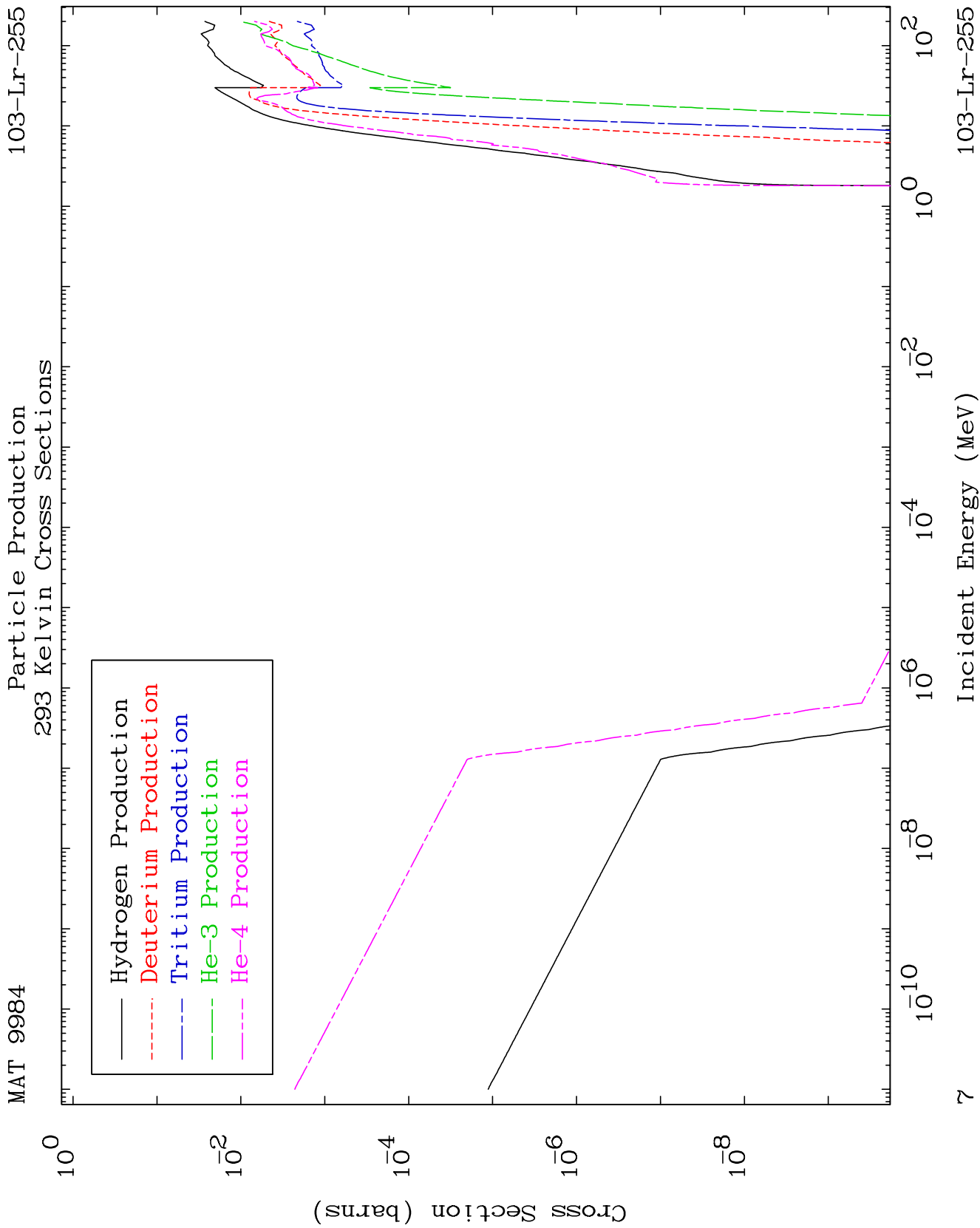
MAT 9984

Charged Particle
293 Kelvin Cross Sections

103-Lr-255



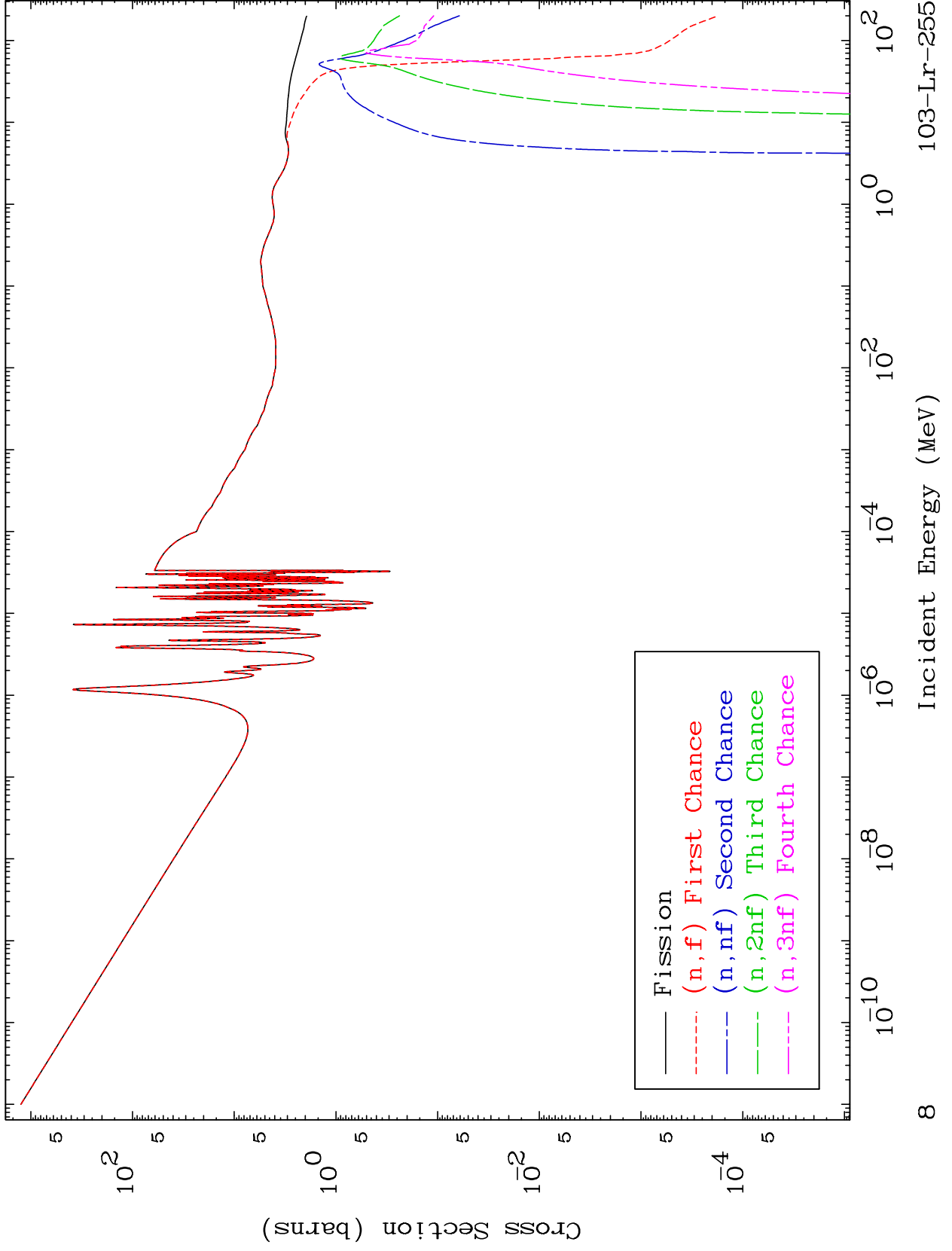




MAT 9984

Fission
293 Kelvin Cross Sections

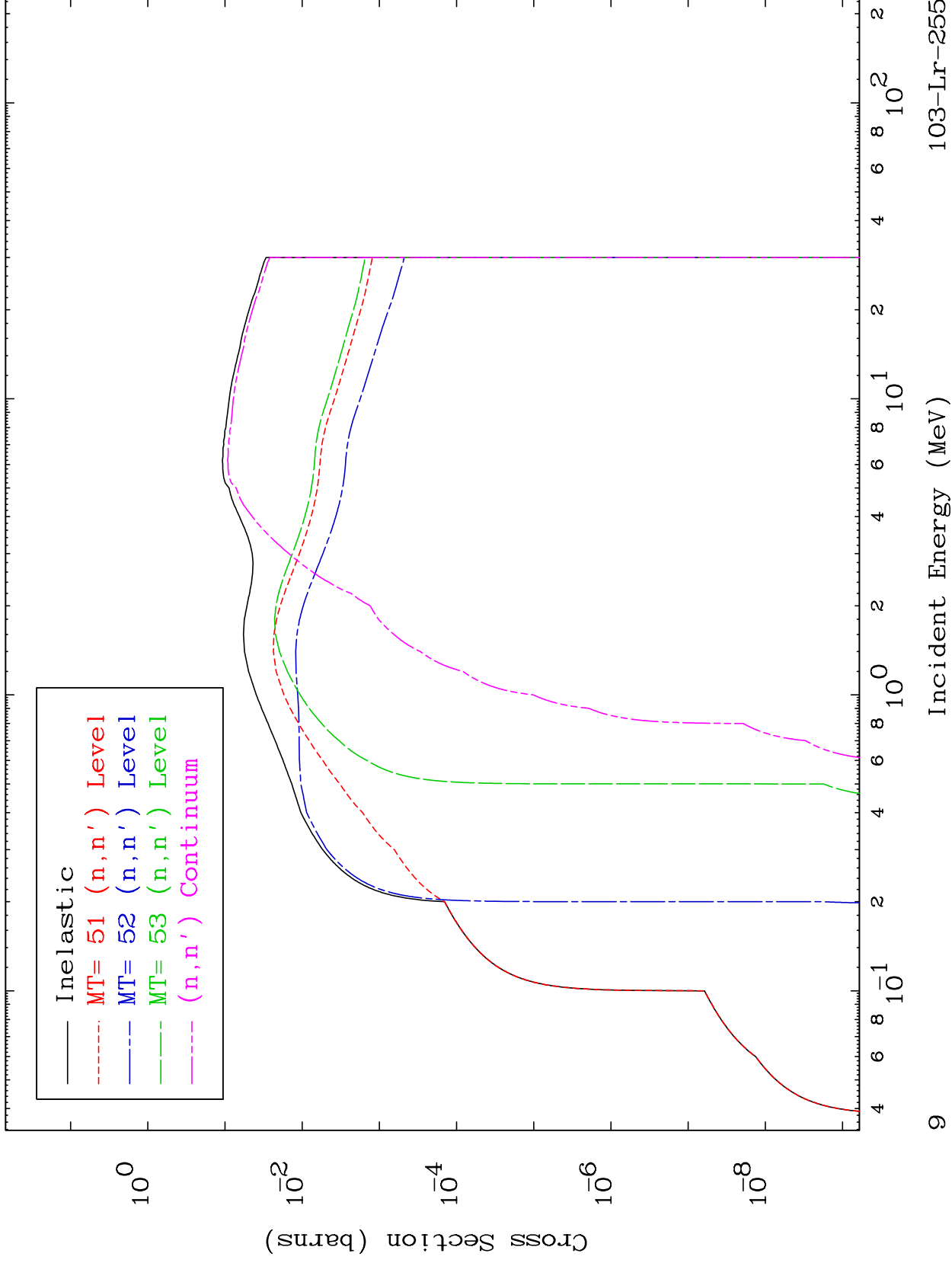
103-Lr-255



MAT 9984

(n,n') Levels
293 Kelvin Cross Sections

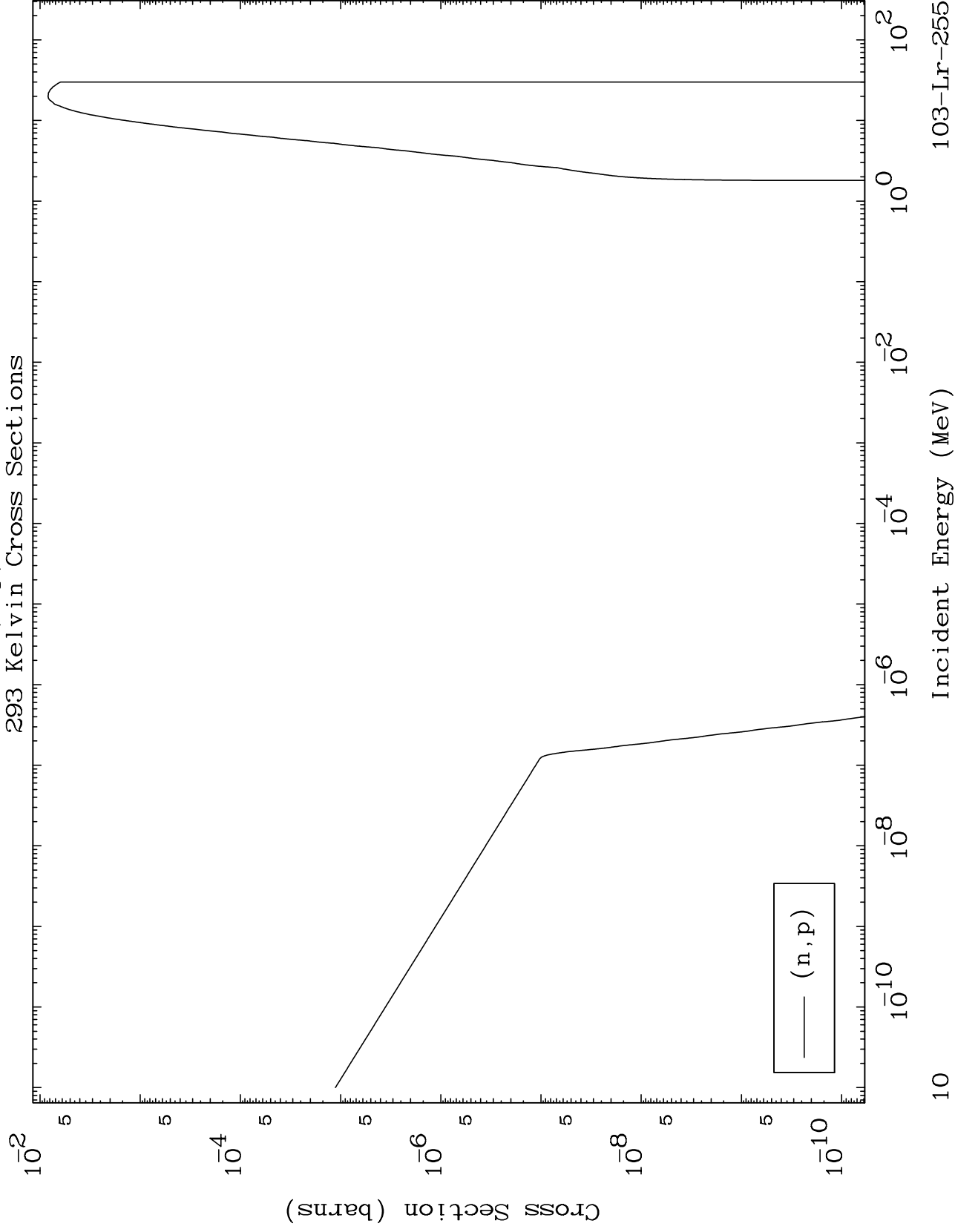
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MAT 9984

(n,p) Levels
293 Kelvin Cross Sections

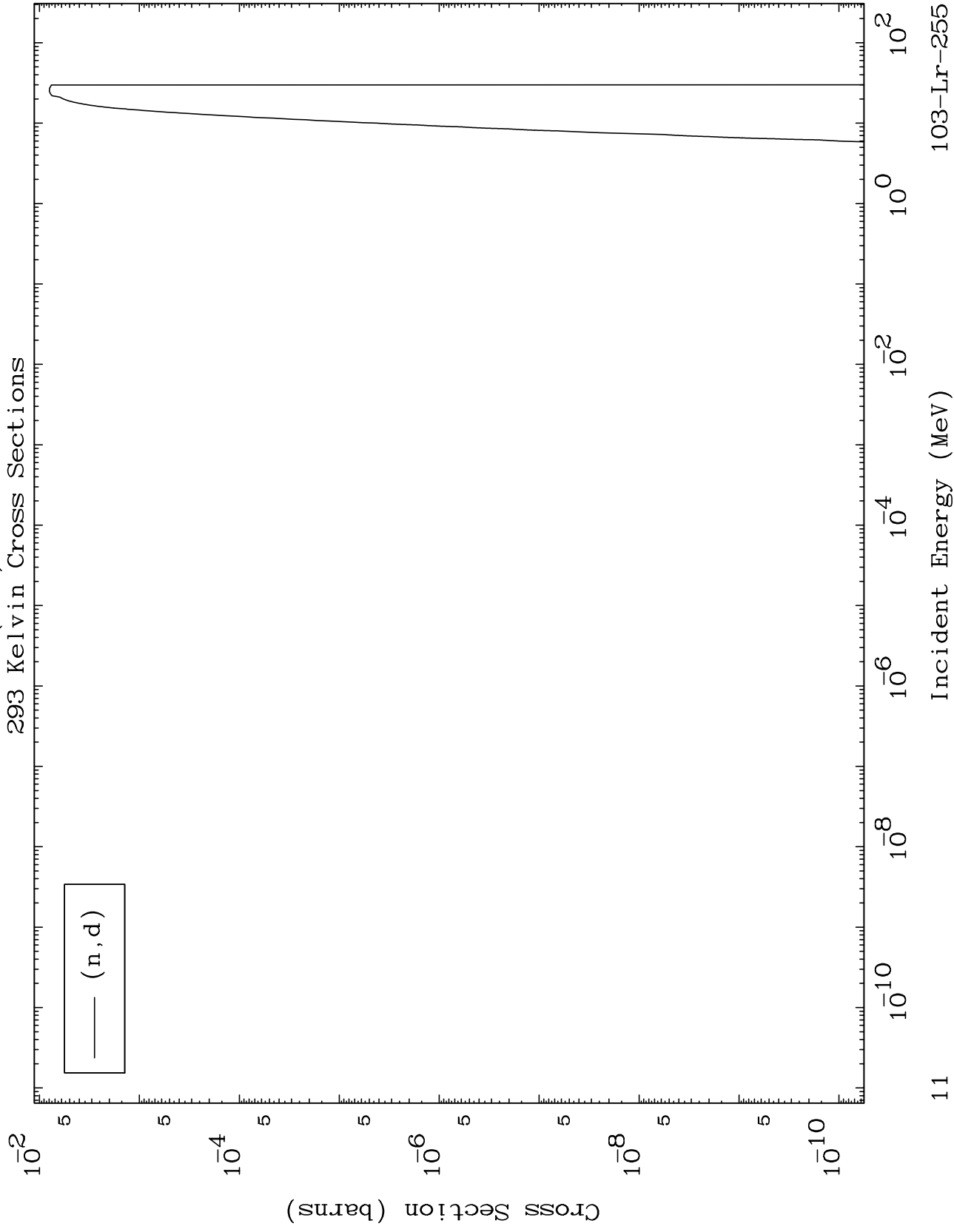
103-Lr-255



MAT 9984

(n,d) Levels
293 Kelvin Cross Sections

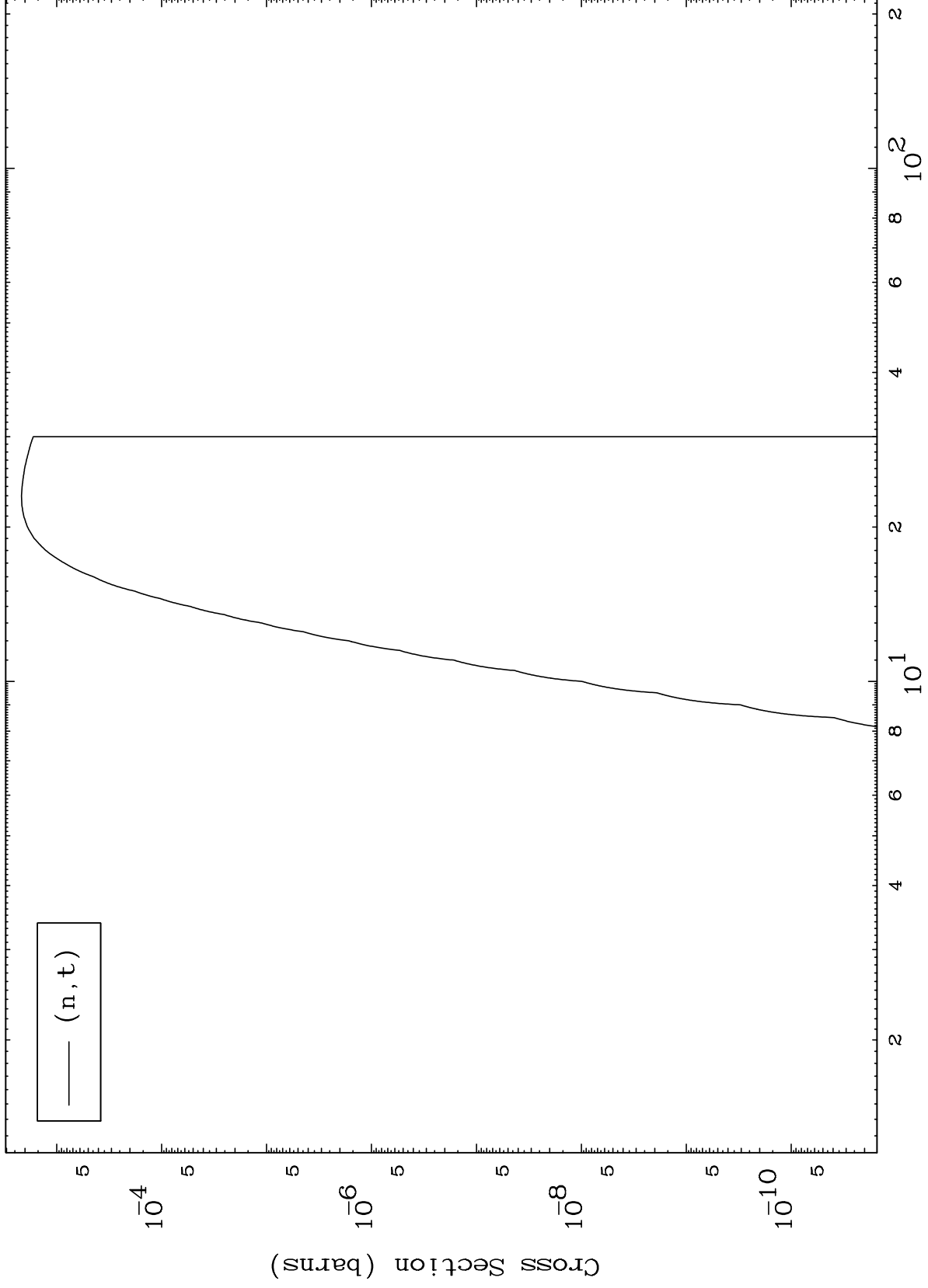
103-Lr-255



MAT 9984

(n,t) Levels
293 Kelvin Cross Sections

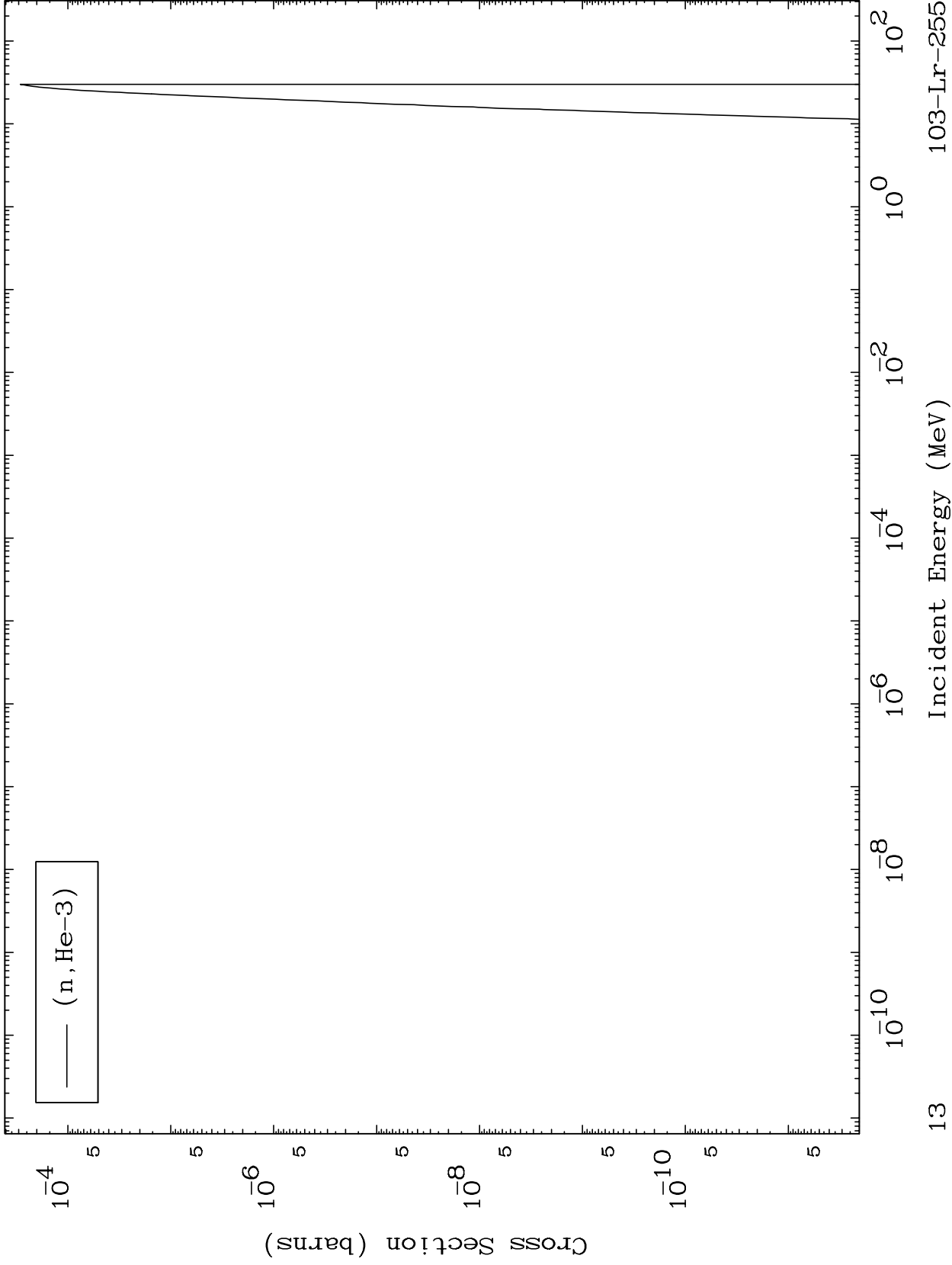
103-Lr-255



MAT 9984

(n,He3) Levels
293 Kelvin Cross Sections

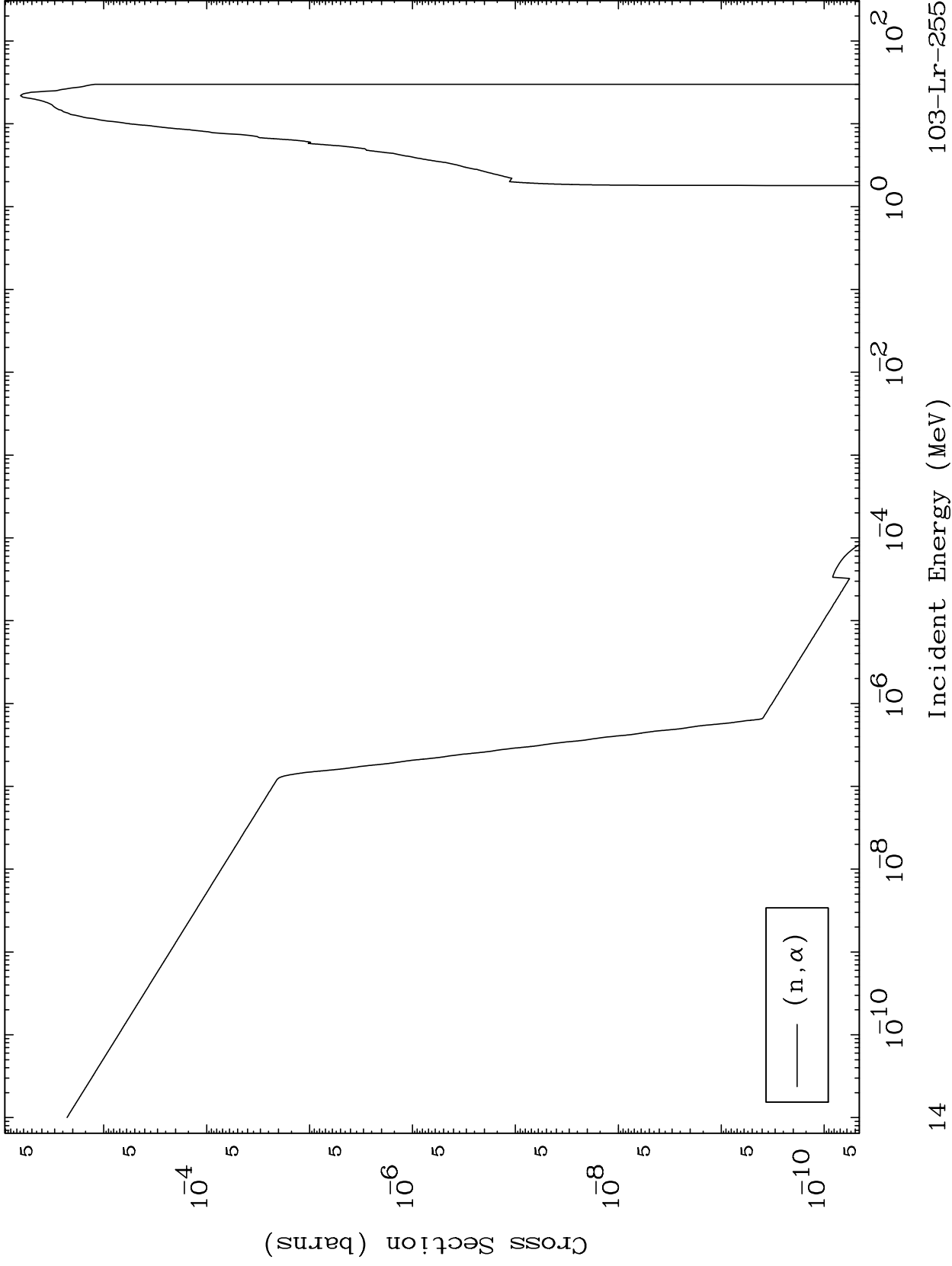
103-Lr-255



MAT 9984

(n, α) Levels
293 Kelvin Cross Sections

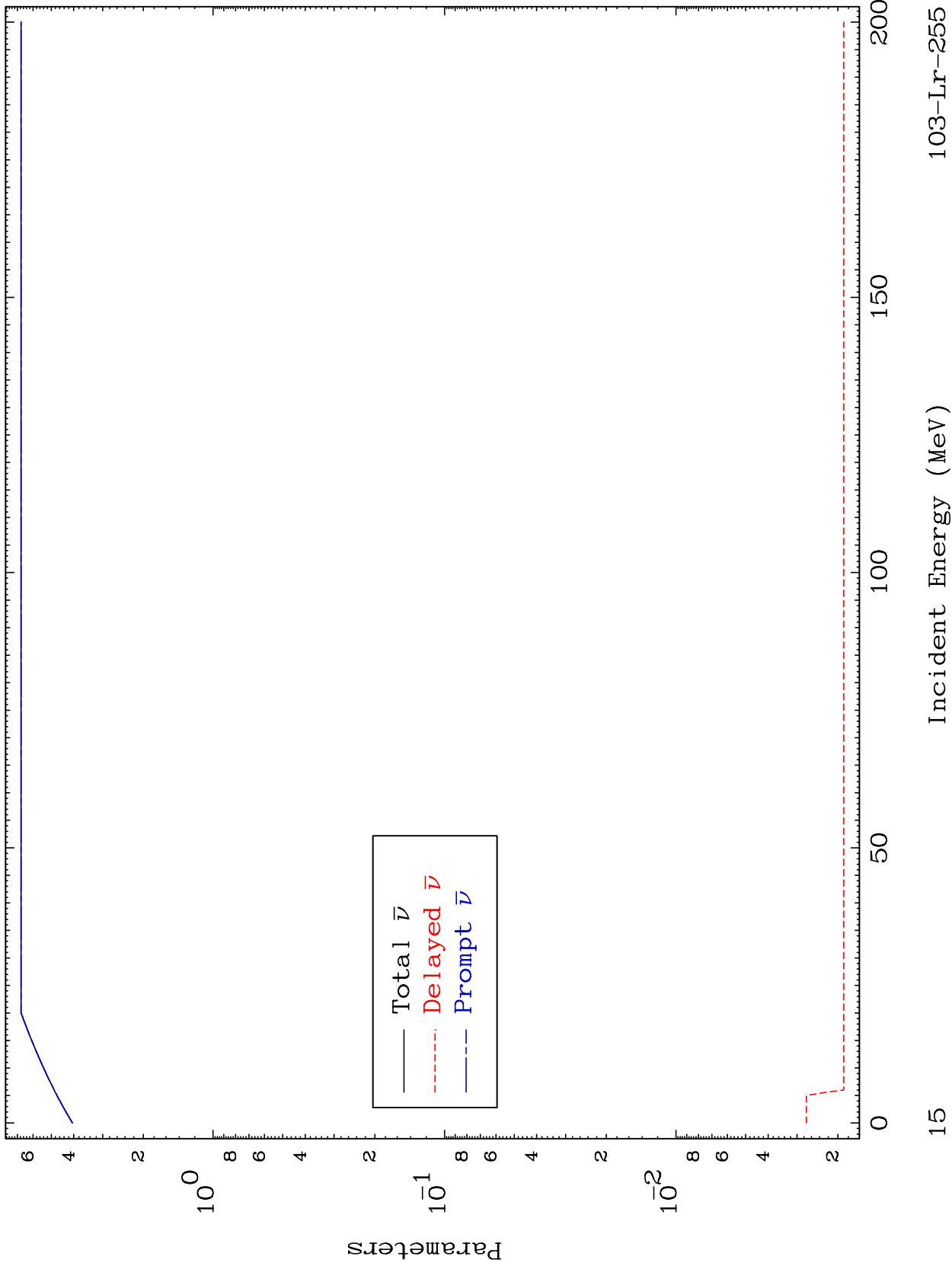
103-Lr-255



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Energy Release
Parameters

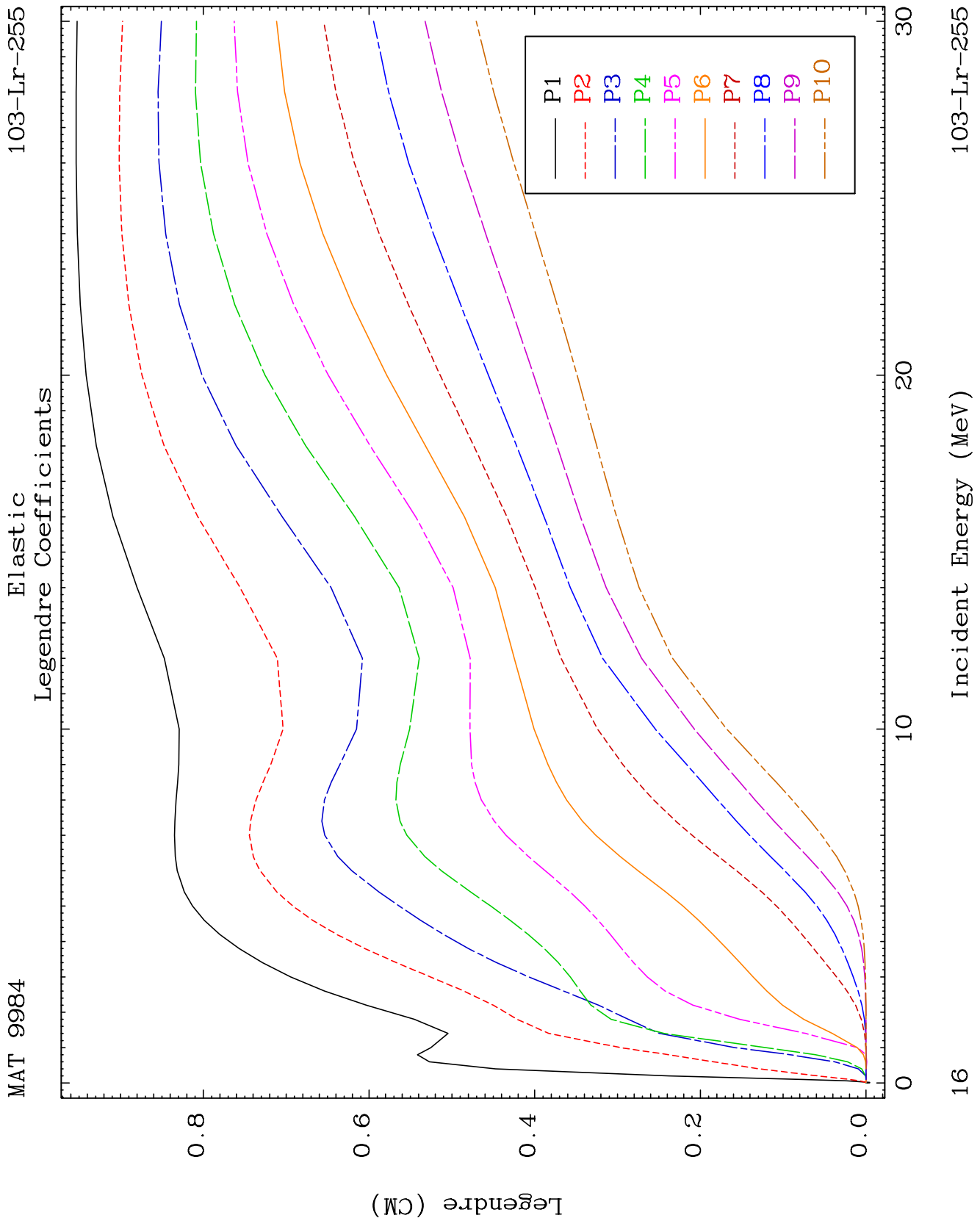
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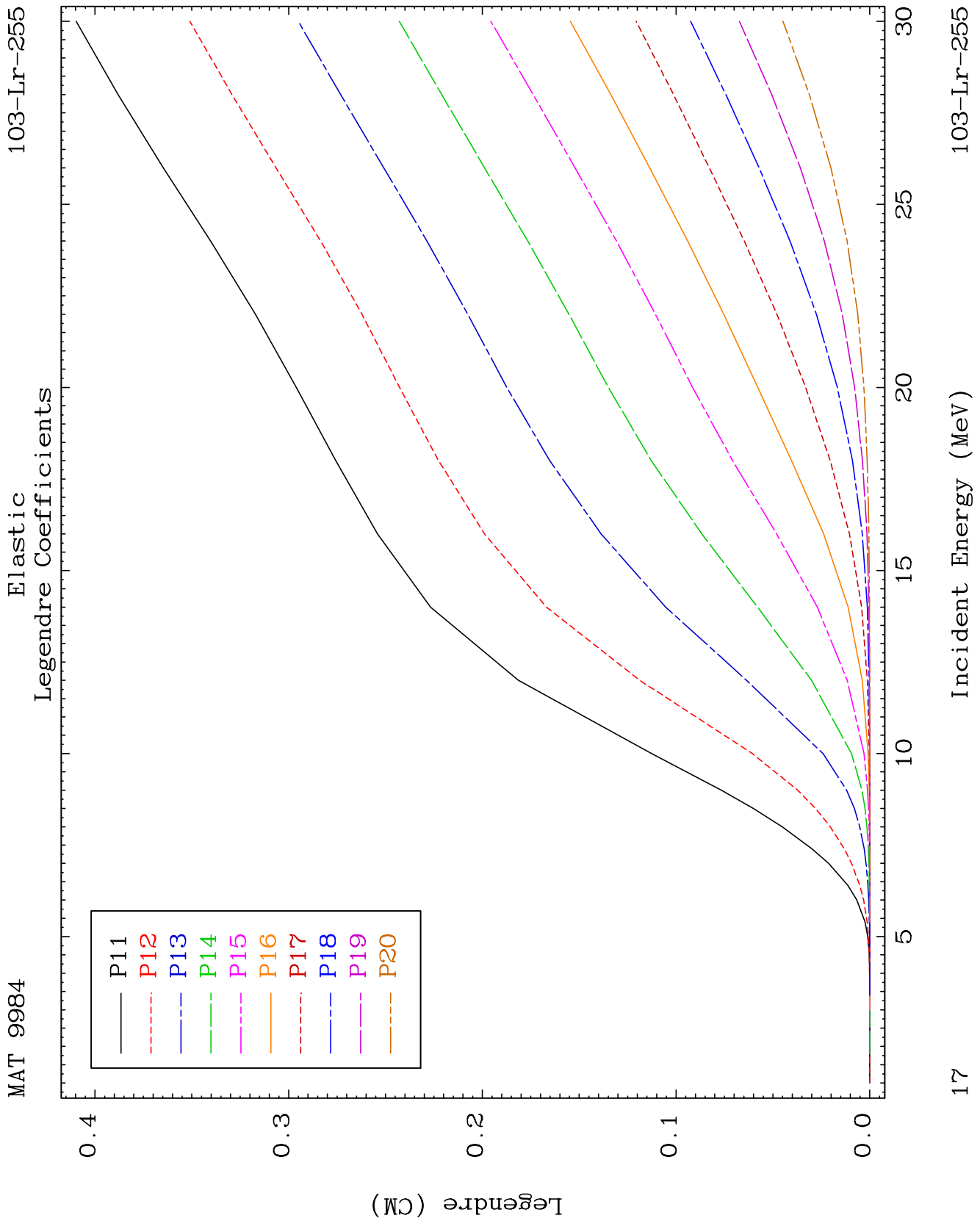


15

Incident Energy (MeV)

103-Lr-255



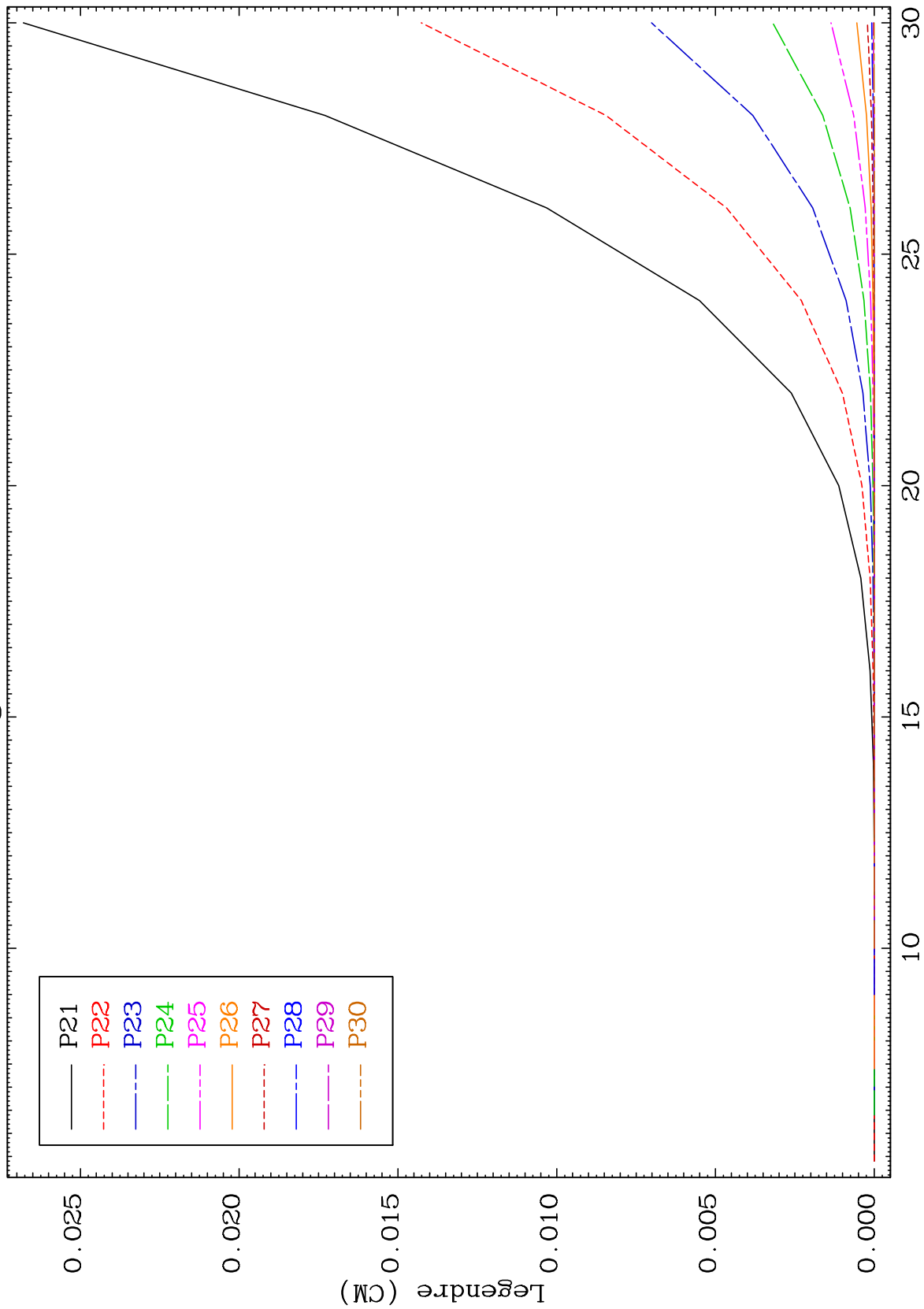


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Elastic Legendre Coefficients

103-Lr-255



18

Incident Energy (MeV)

103-Lr-255

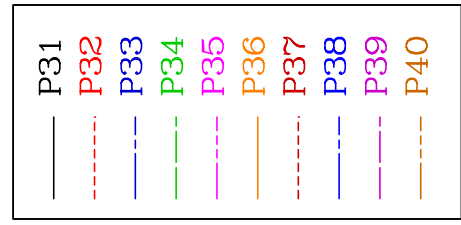
30

- P21
- P22
- P23
- P24
- P25
- P26
- P27
- P28
- P29
- P30

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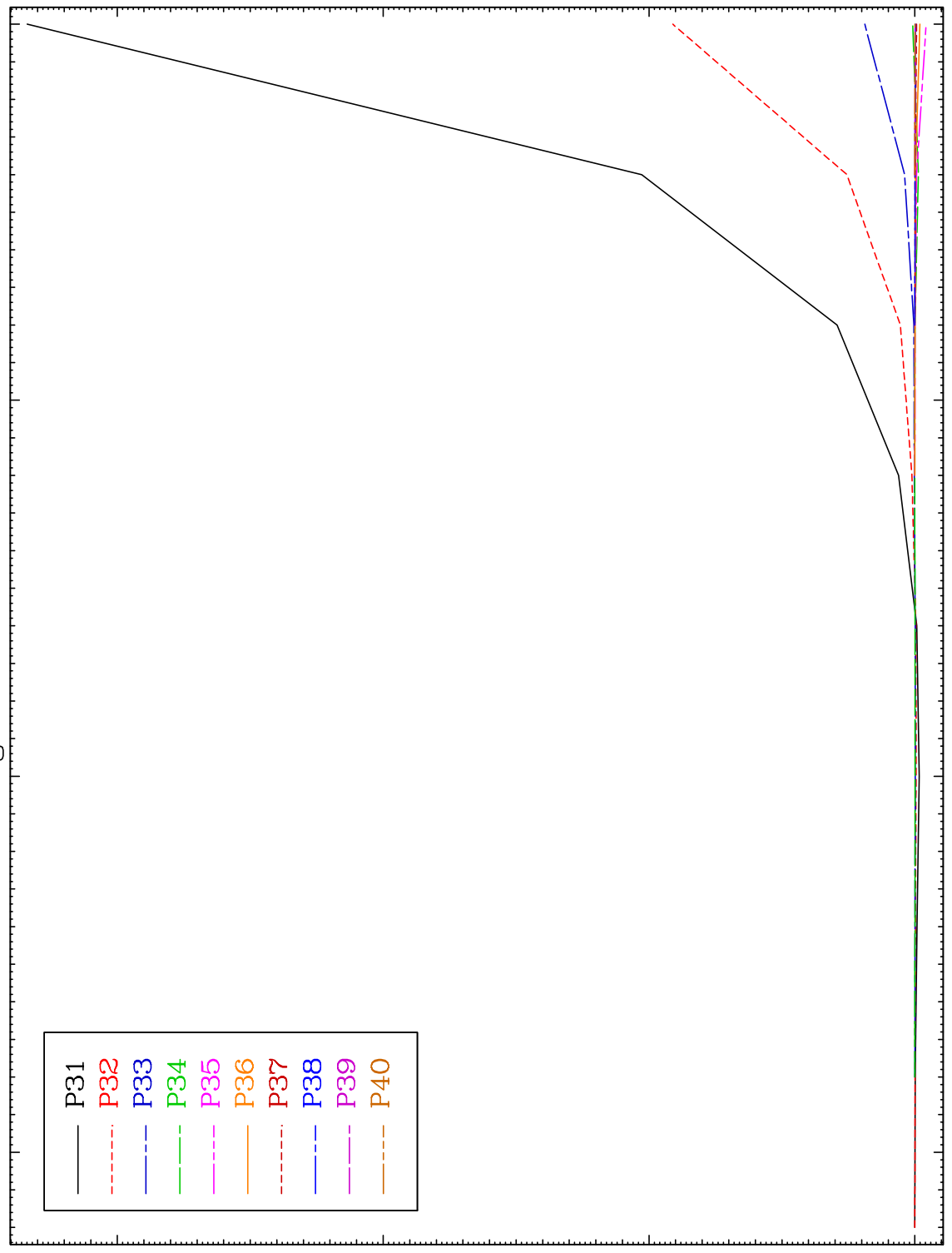
Elastic Legendre Coefficients

103-Lr-255



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

19

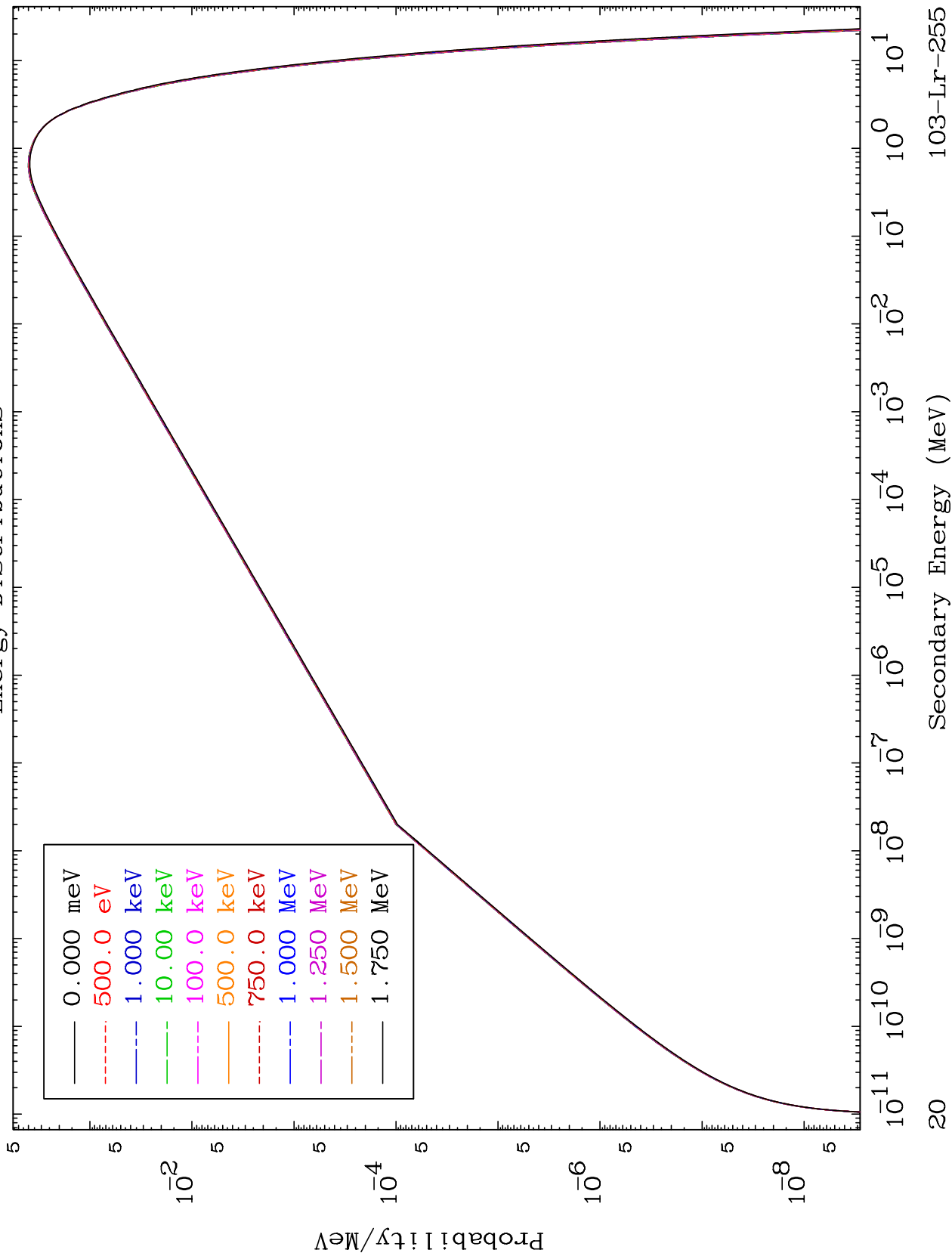
Incident Energy (MeV)

103-Lr-255

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Fission Energy Distributions

103-Lr-255



103-Lr-255

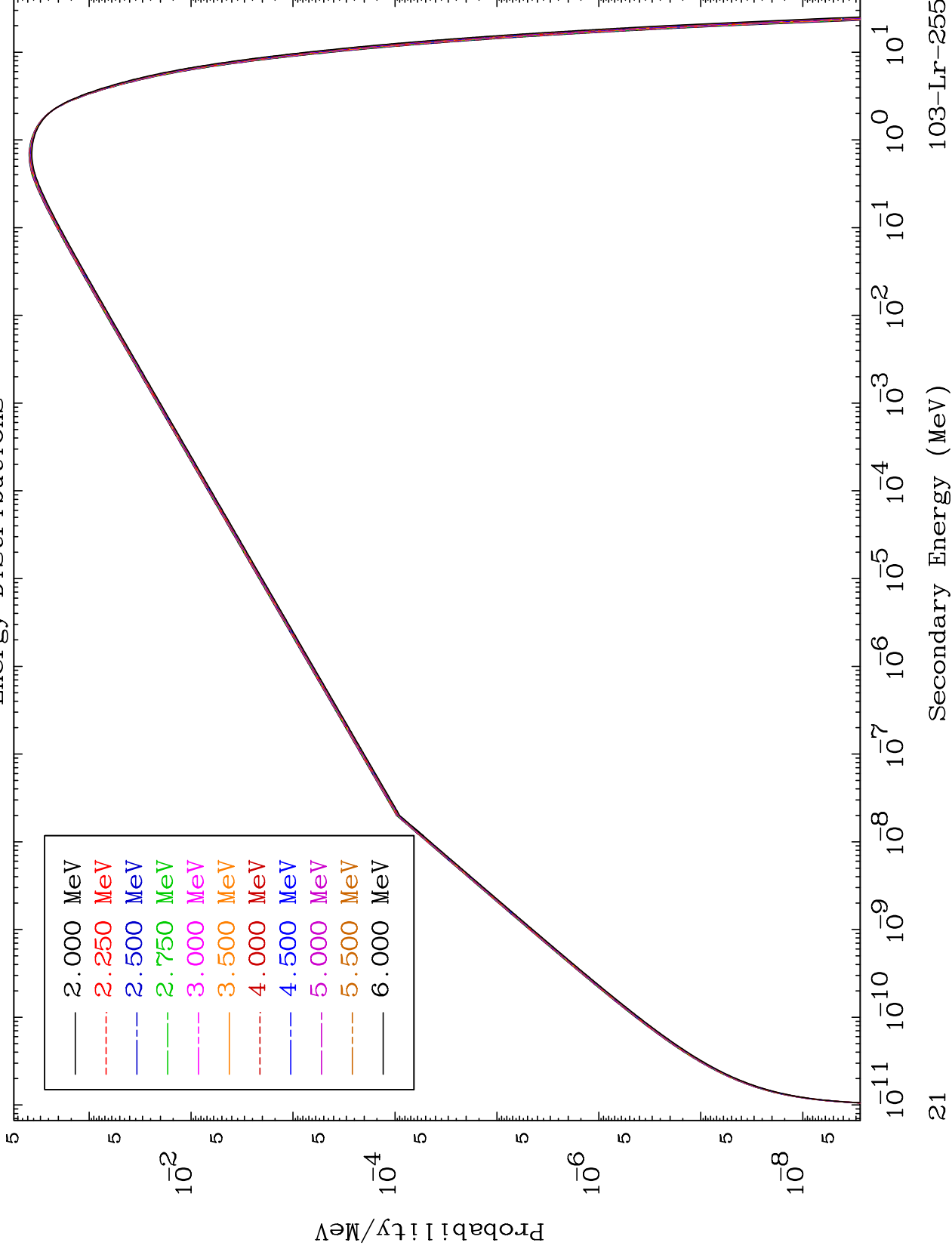
Secondary Energy (MeV)

20

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Fission Energy Distributions

¹⁰³Lr-255

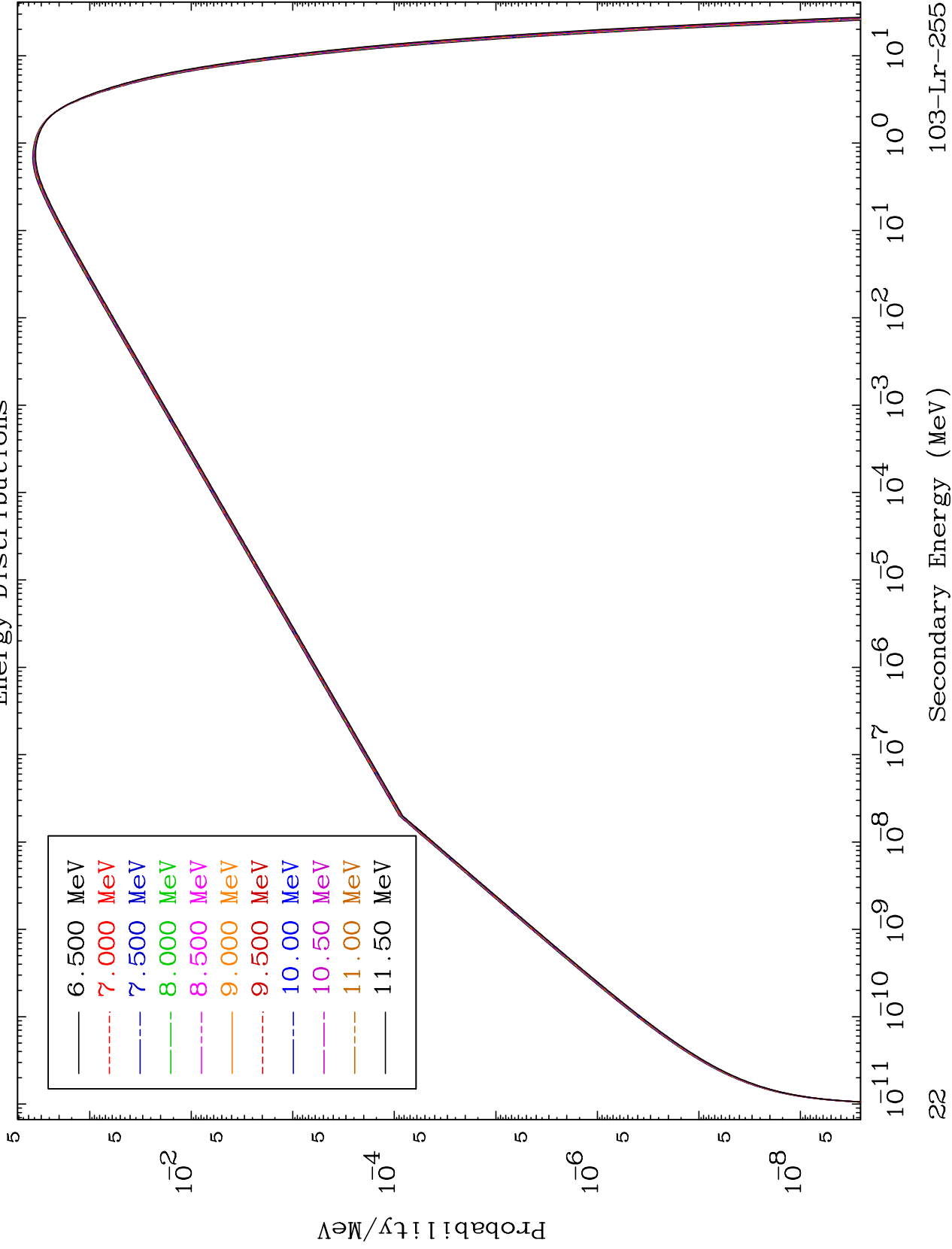


¹⁰³Lr-255

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Fission
Energy Distributions

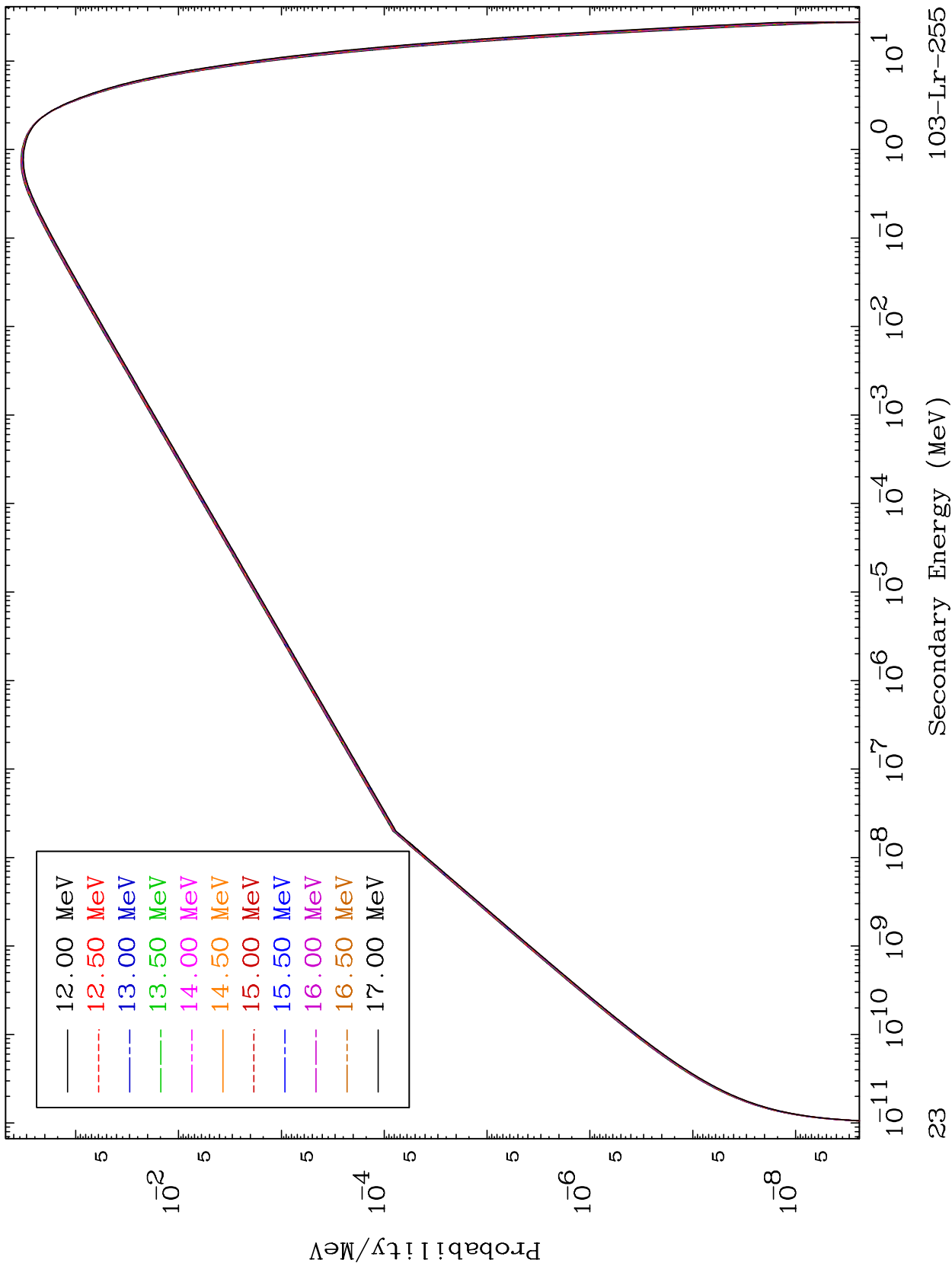
103-Lr-255



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Fission Energy Distributions

103-Lr-255



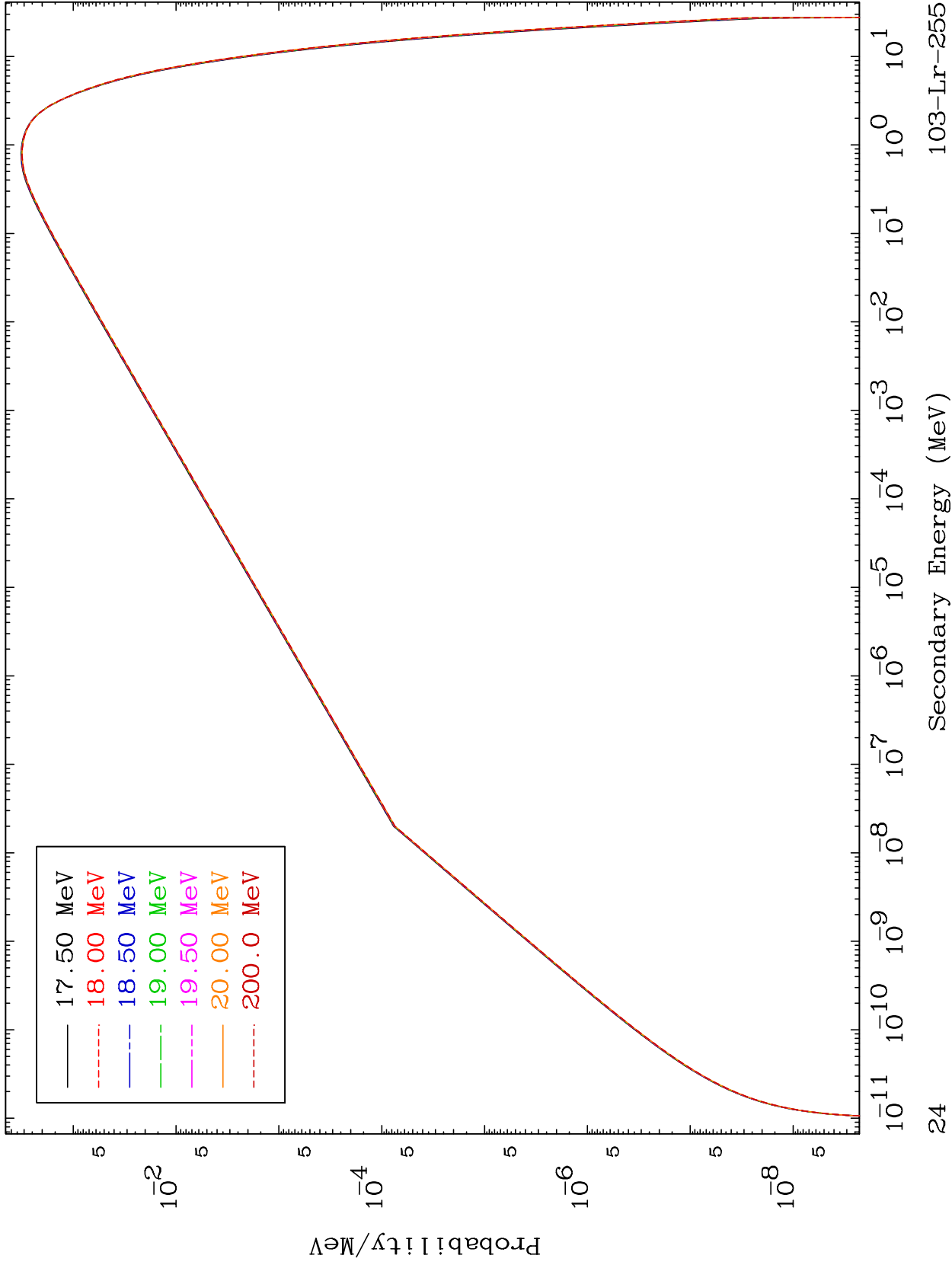
103-Lr-255

Secondary Energy (MeV)

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Fission Energy Distributions

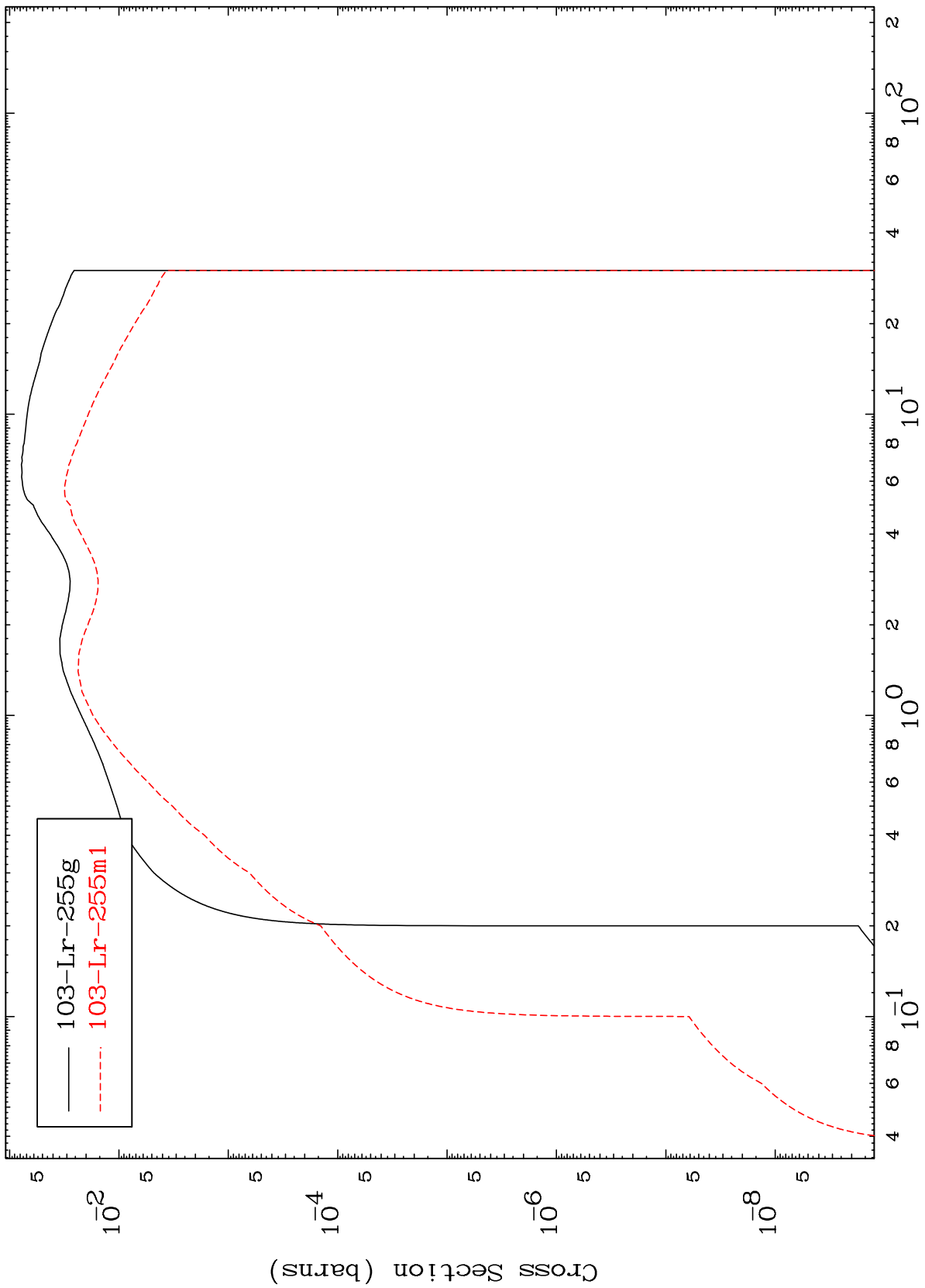
103-Lr-255



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103-Lr-255

Inelastic
Radionuclide Production Cross Section



— 103-Lr-255g
- - - 103-Lr-255m1

25

103-Lr-255

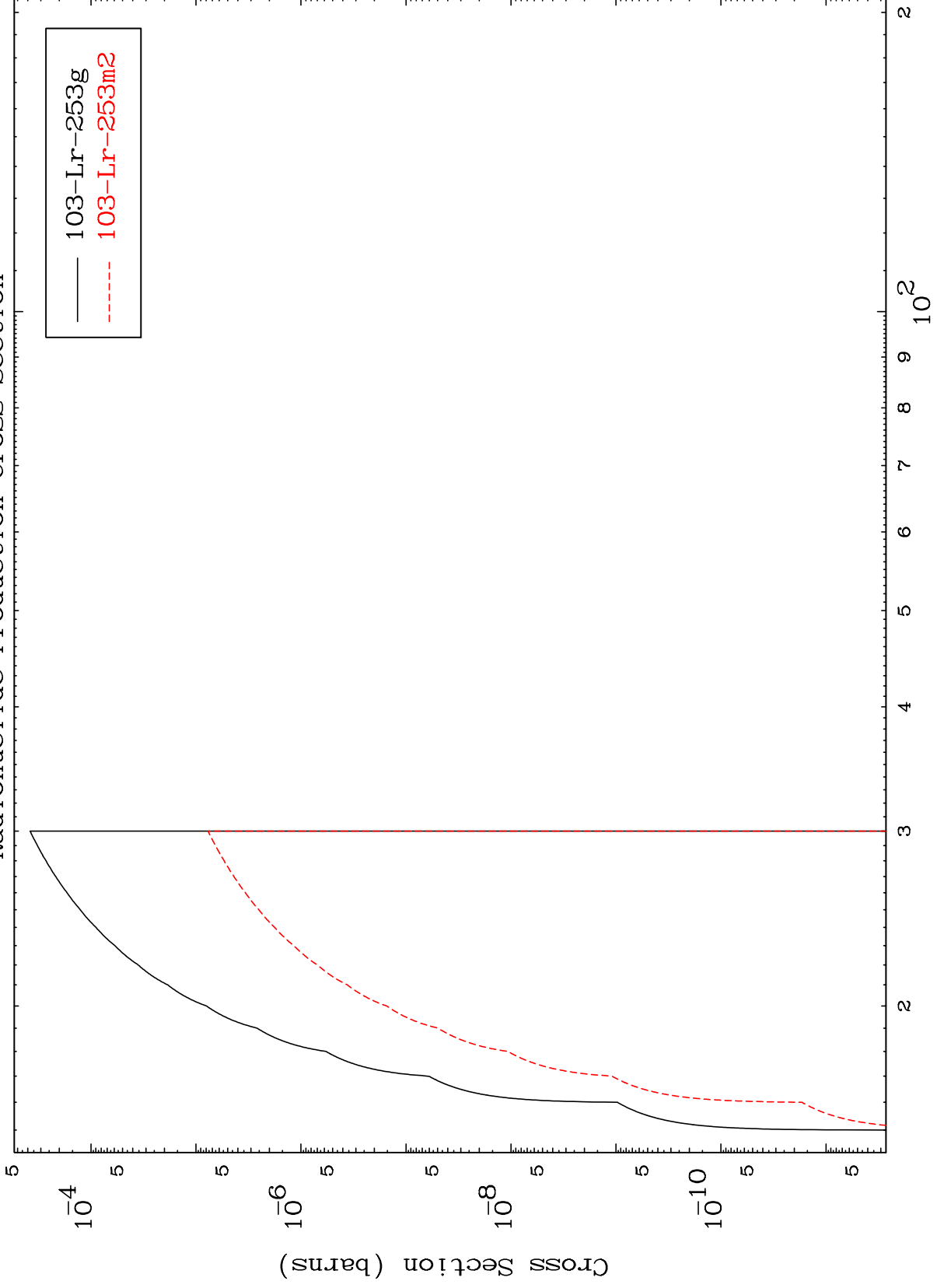
Incident Energy (MeV)

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(n,3n)

103-Lr-255

Radionuclide Production Cross Section



26

Incident Energy (MeV)

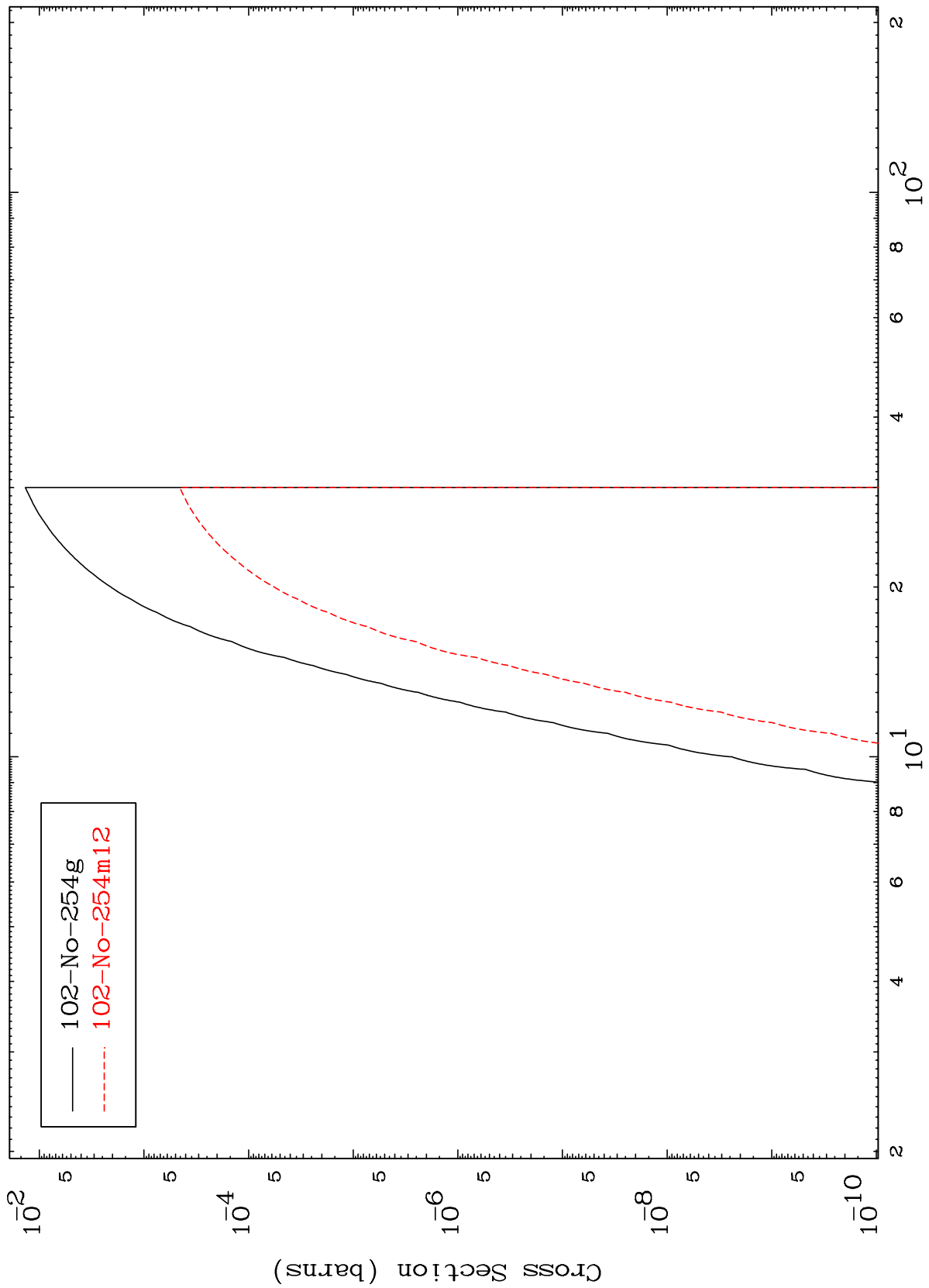
103-Lr-255

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(n,n') p

103-Lr-255

Radionuclide Production Cross Section



27

Incident Energy (MeV)

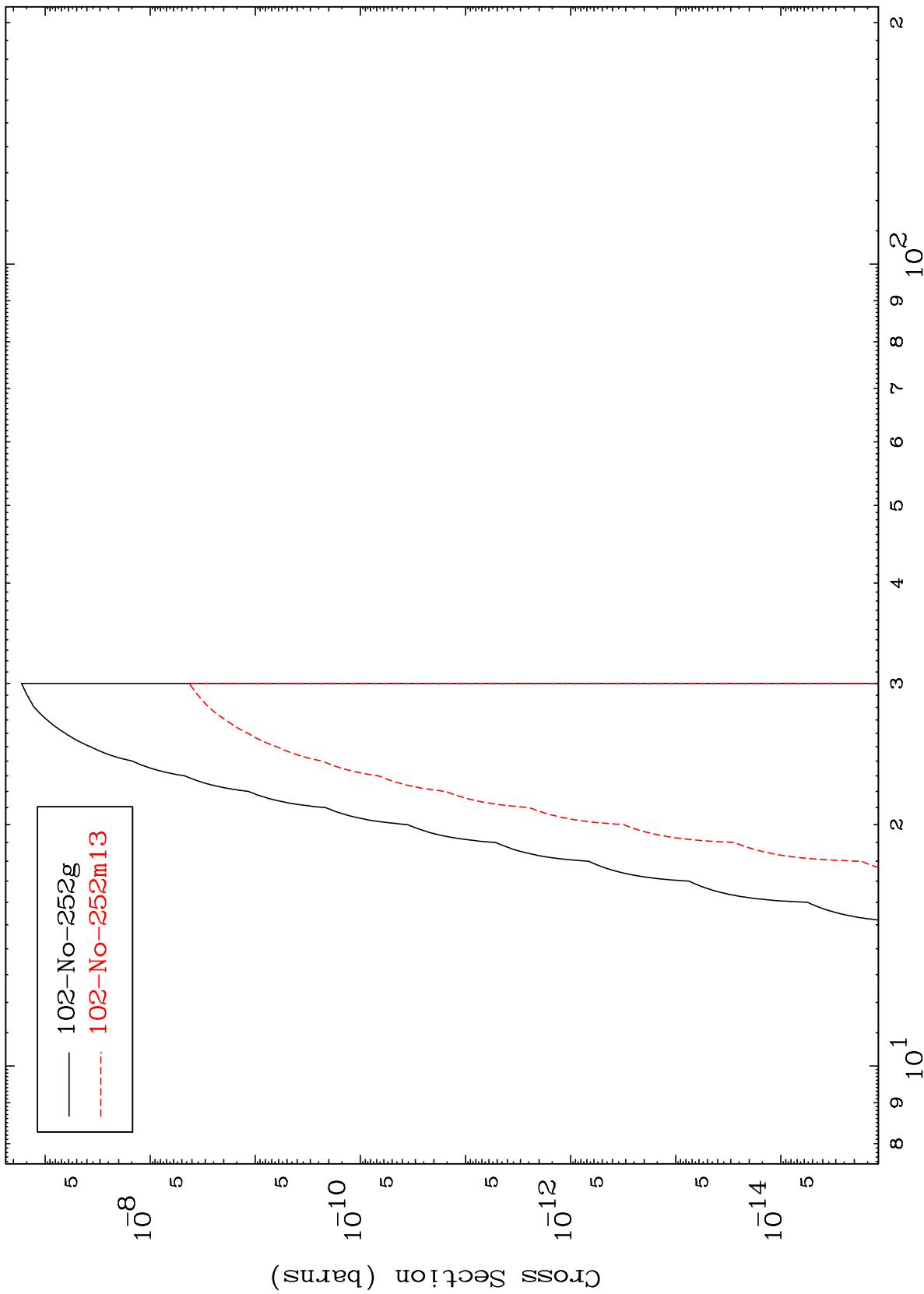
103-Lr-255

MAT 9984

(n,n') t

103-Lr-255

Radionuclide Production Cross Section



— 102-No-252g
- - - 102-No-252m13

28

Incident Energy (MeV)

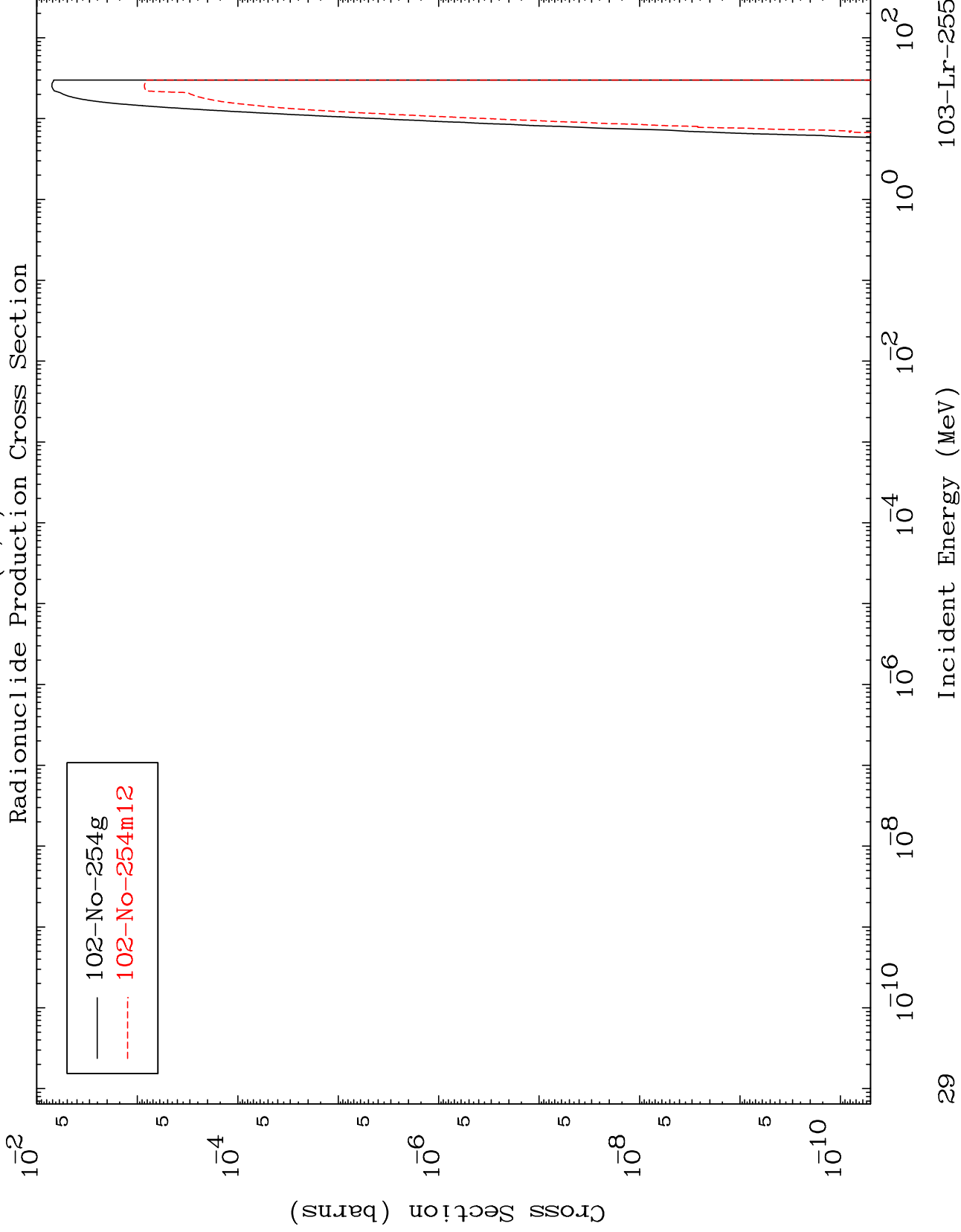
103-Lr-255

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(n,d)

103-Lr-255

Radionuclide Production Cross Section

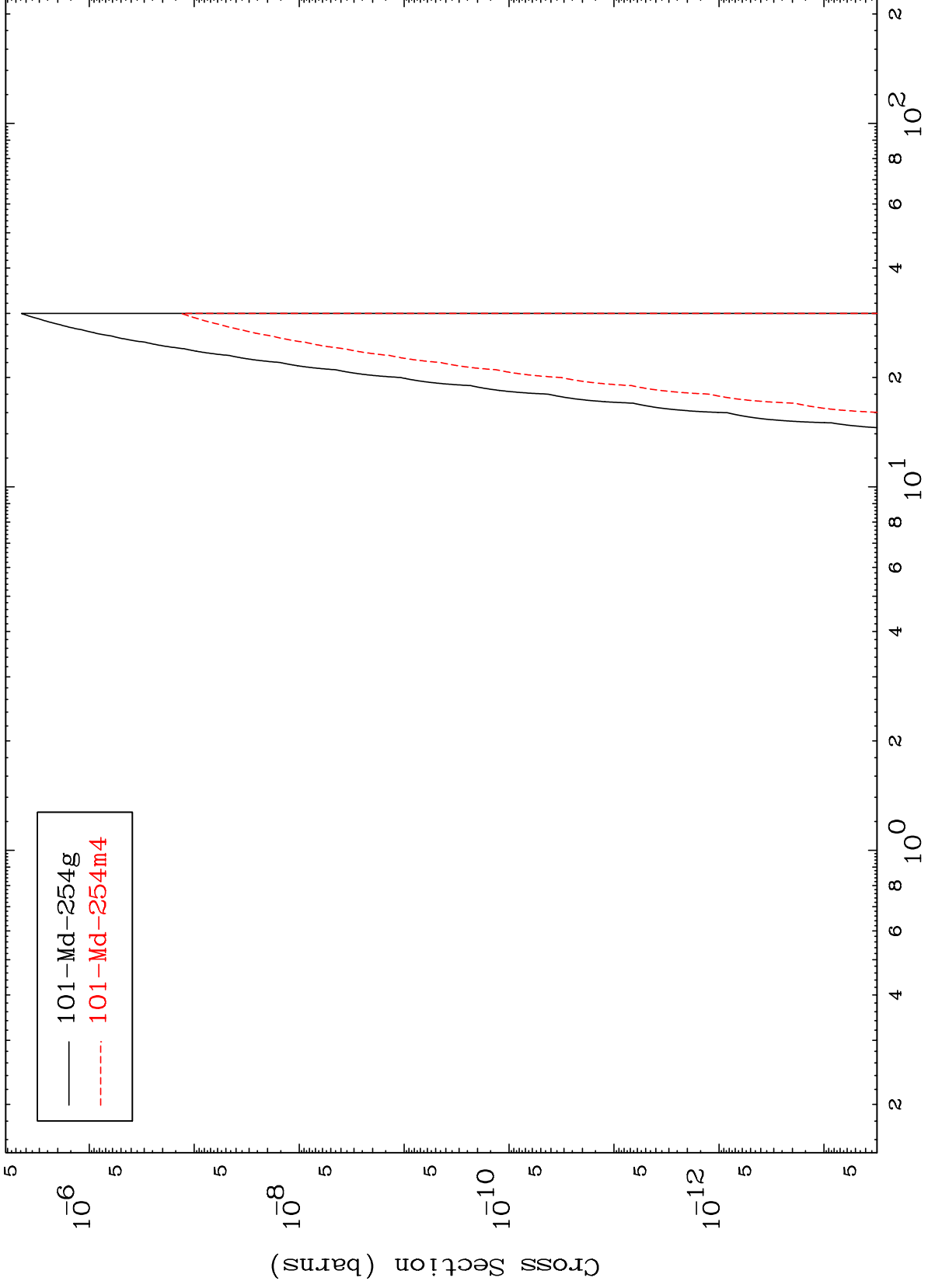


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(n,2p)

103-Lr-255

Radionuclide Production Cross Section



— 101-Md-254g
- - - 101-Md-254m4