

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

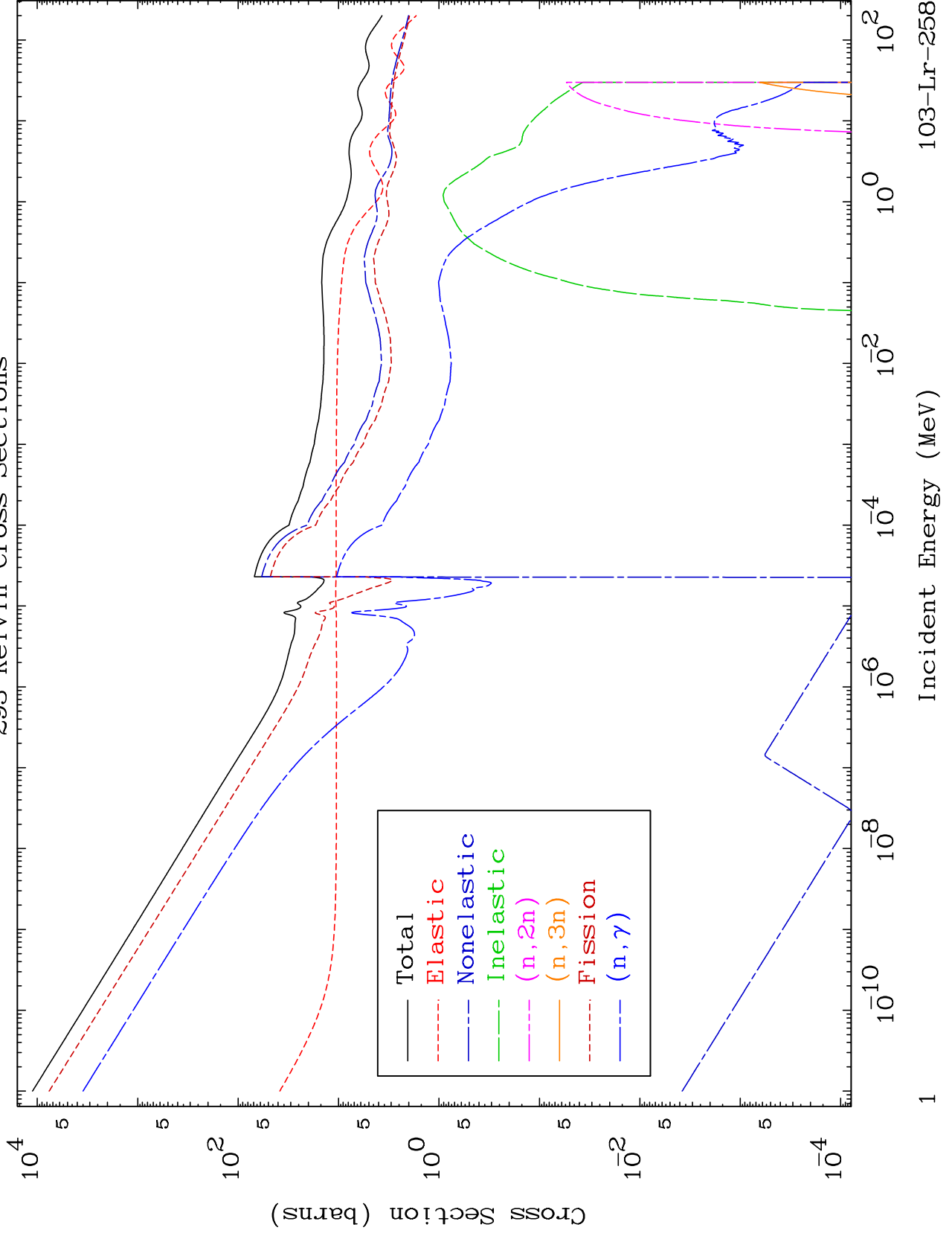
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Press Mouse Button to Start

MAT 9987

Neutron Major
293 Kelvin Cross Sections

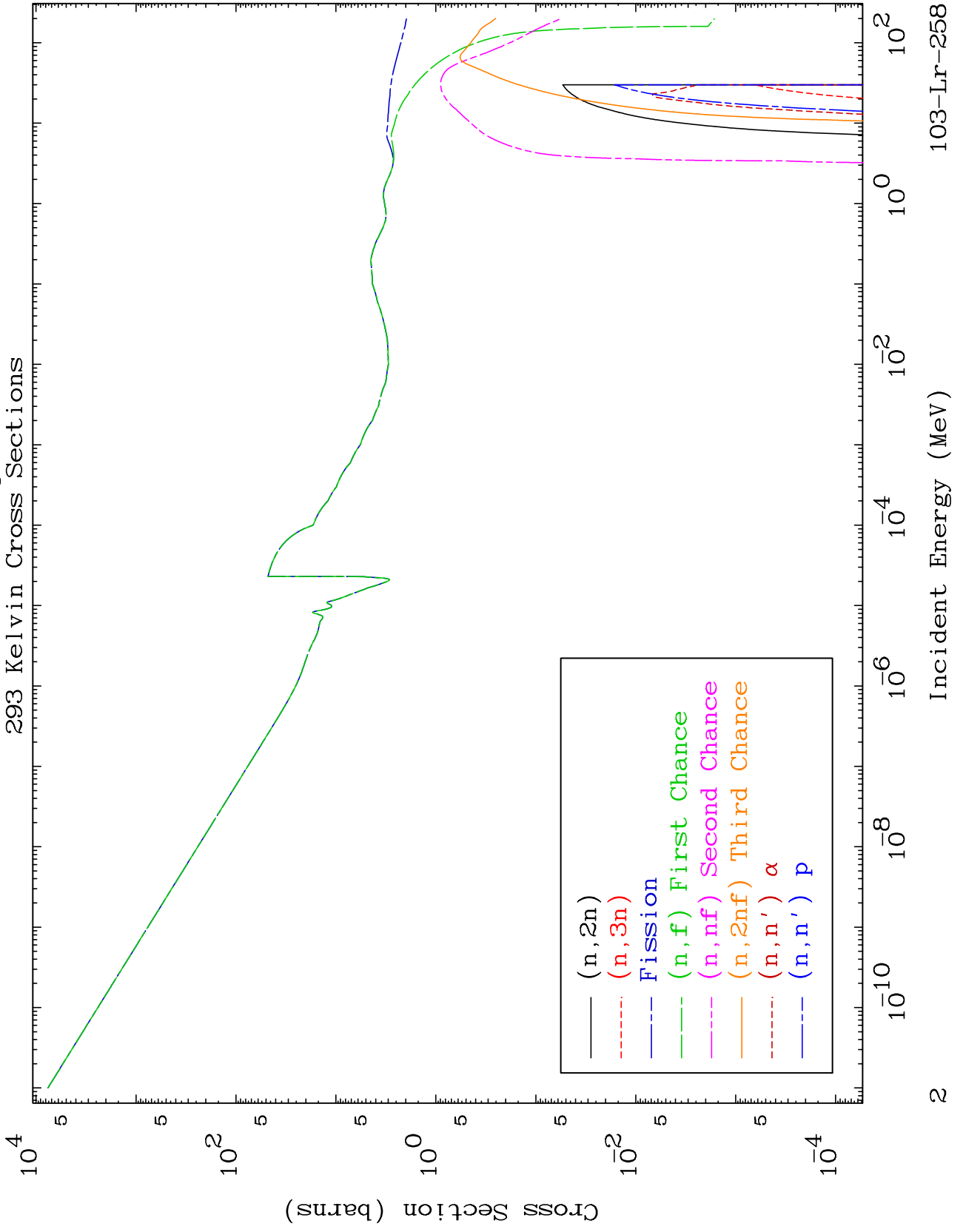
103-Lr-258

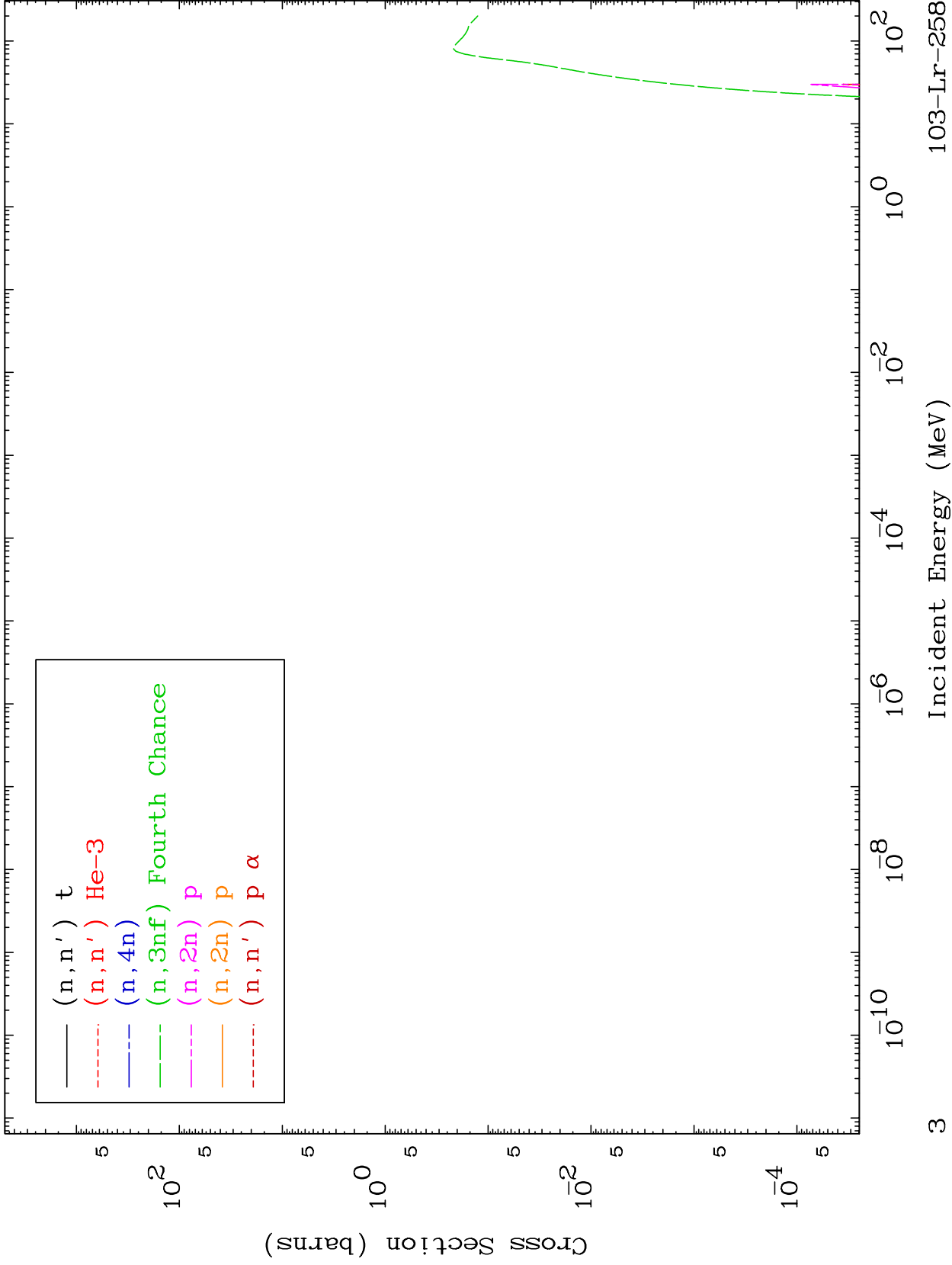


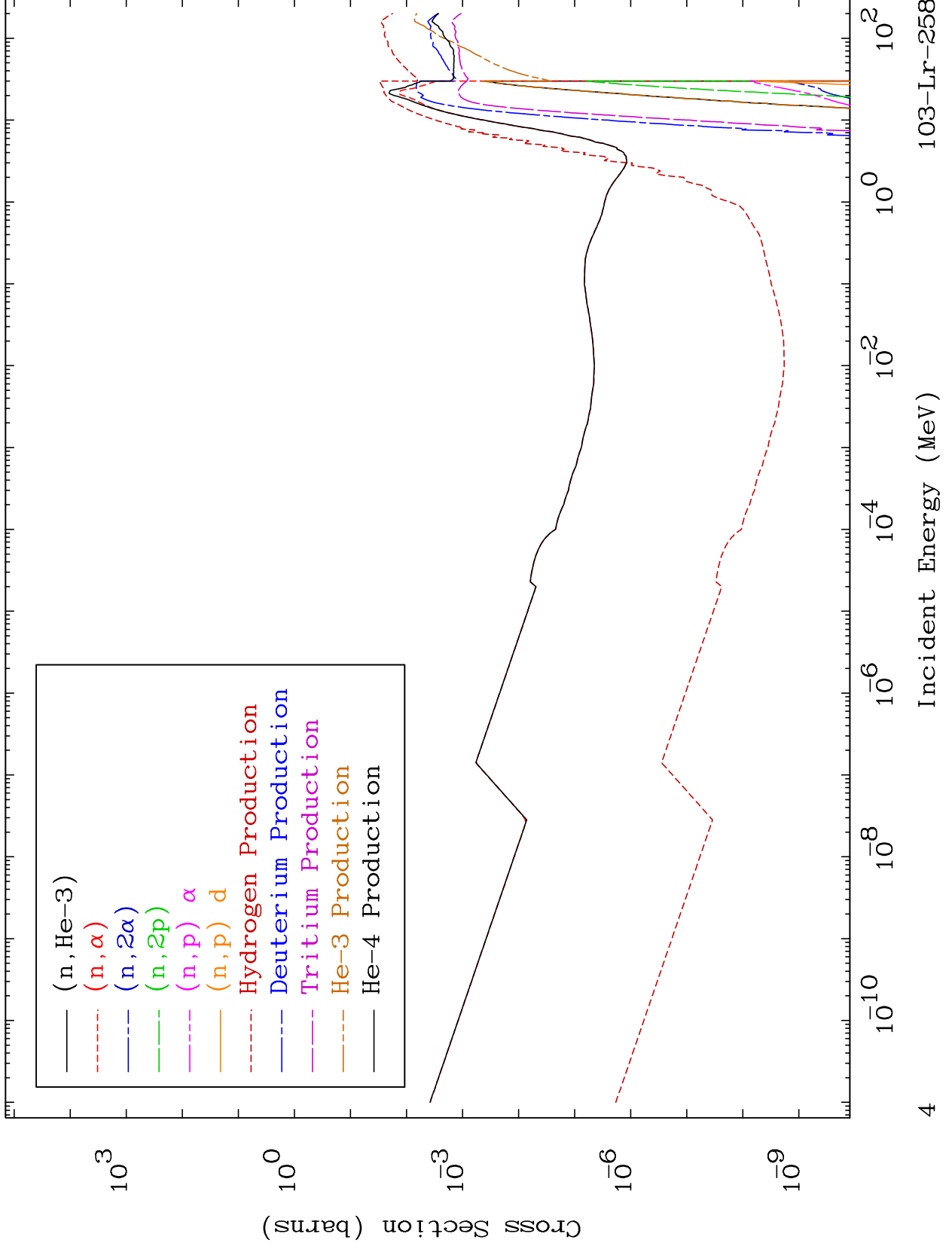
MAT 9987

Neutron Absorption
293 Kelvin Cross Sections

103-Lr-258



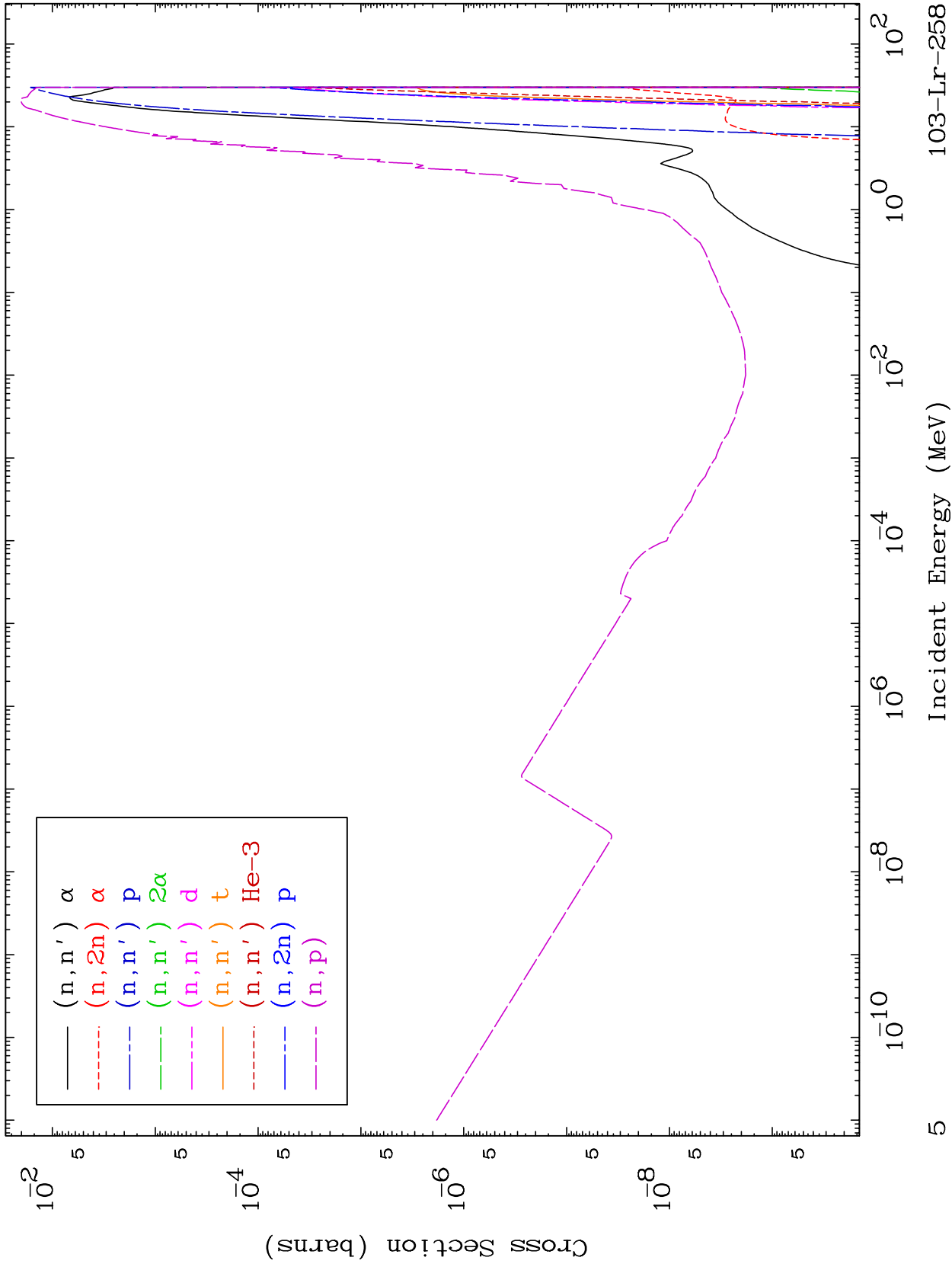




MAT 9987

Charged Particle
293 Kelvin Cross Sections

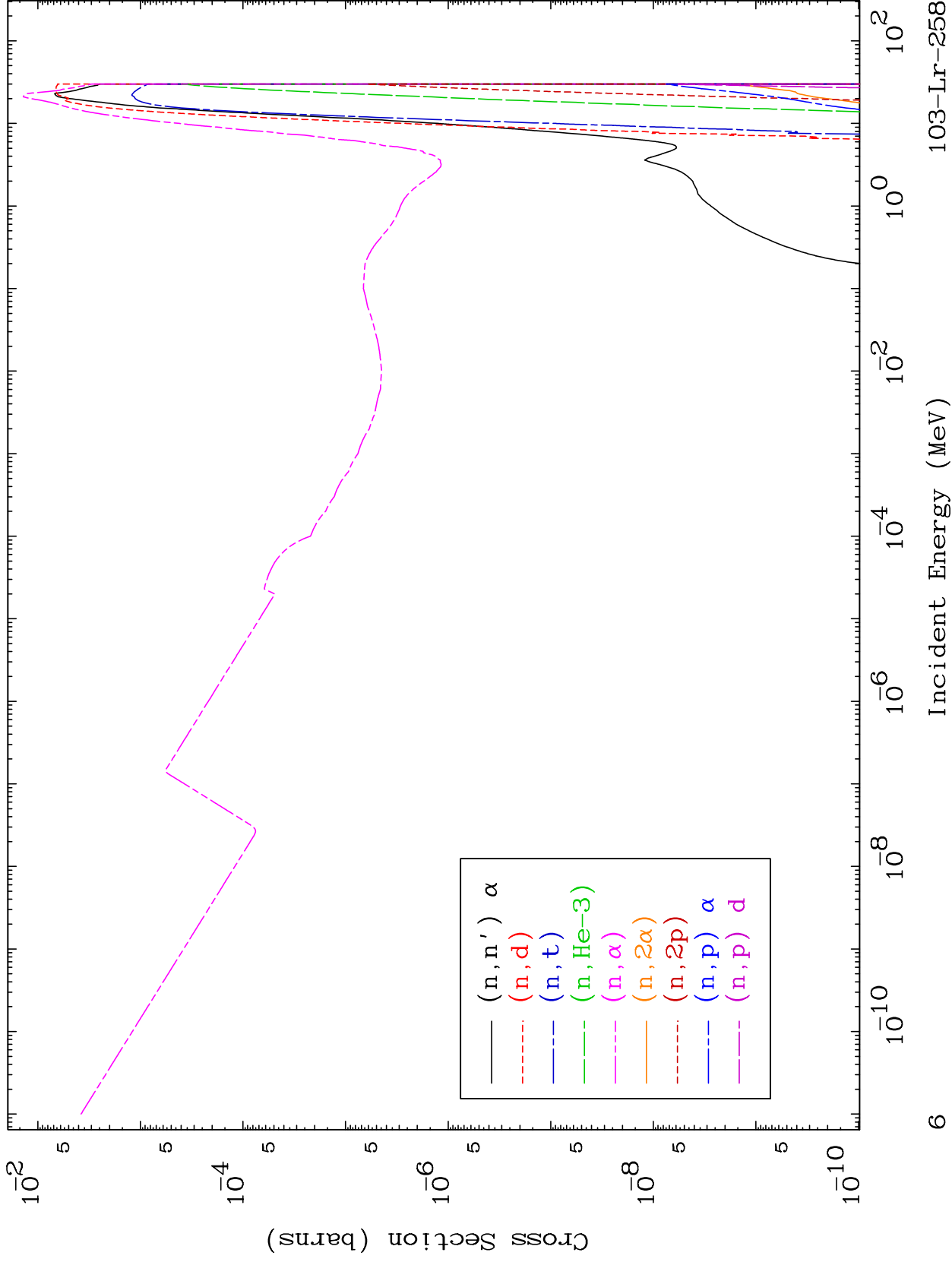
103-Lr-258



MAT 9987

Charged Particle
293 Kelvin Cross Sections

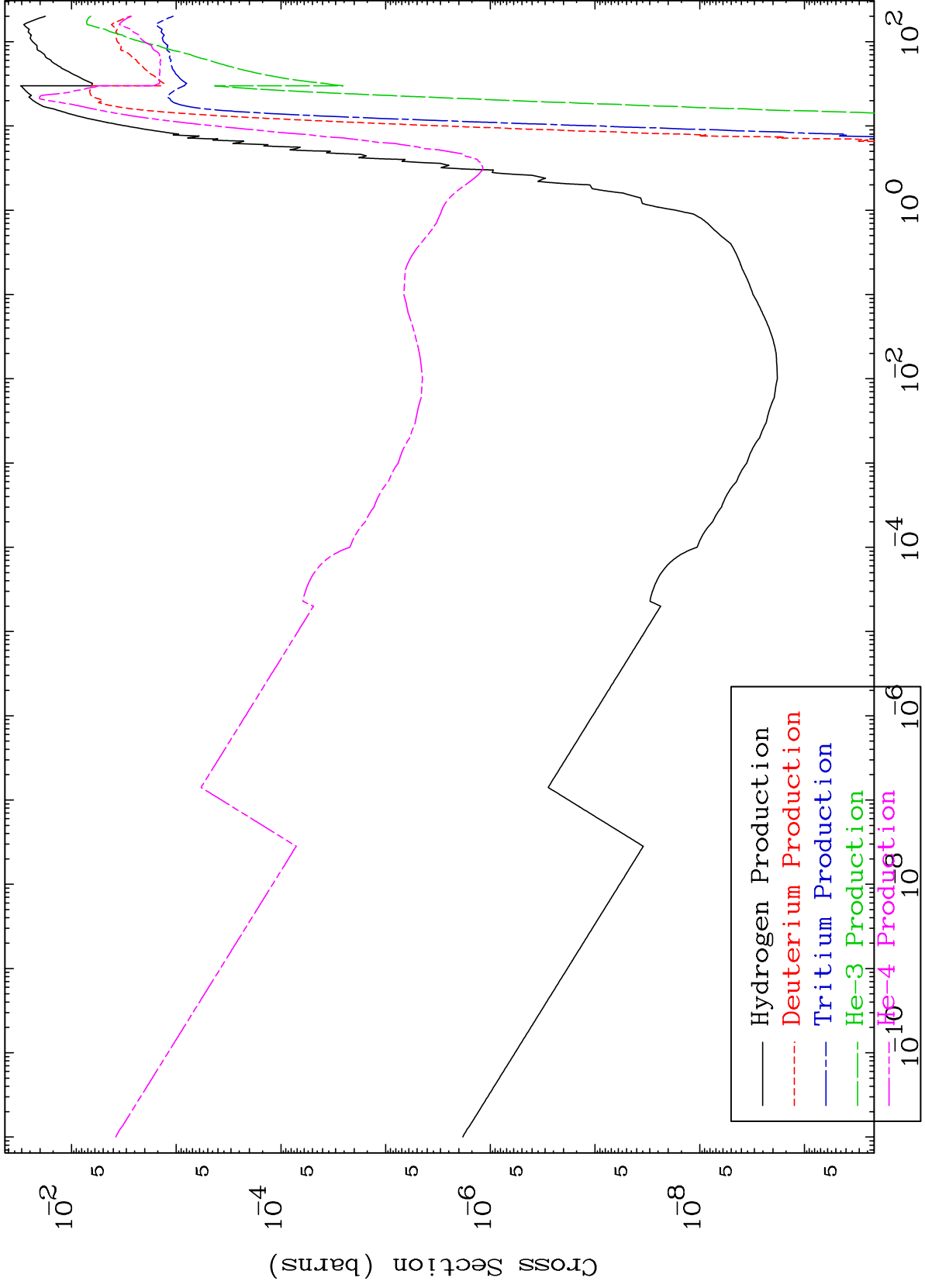
103-Lr-258



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Particle Production
293 Kelvin Cross Sections

103-Lr-258



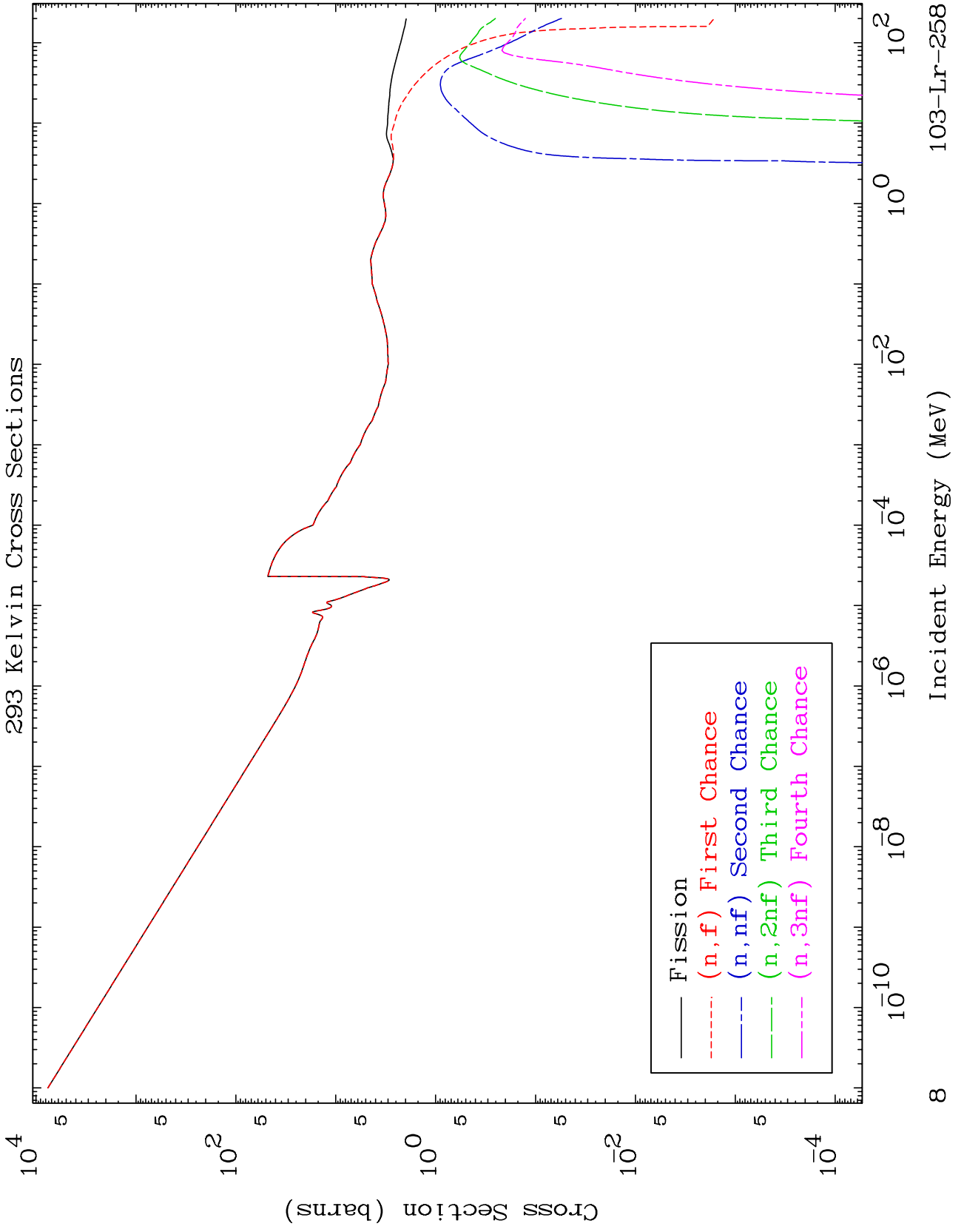
103-Lr-258

Incident Energy (MeV)

MAT 9987

Fission
293 Kelvin Cross Sections

103-Lr-258

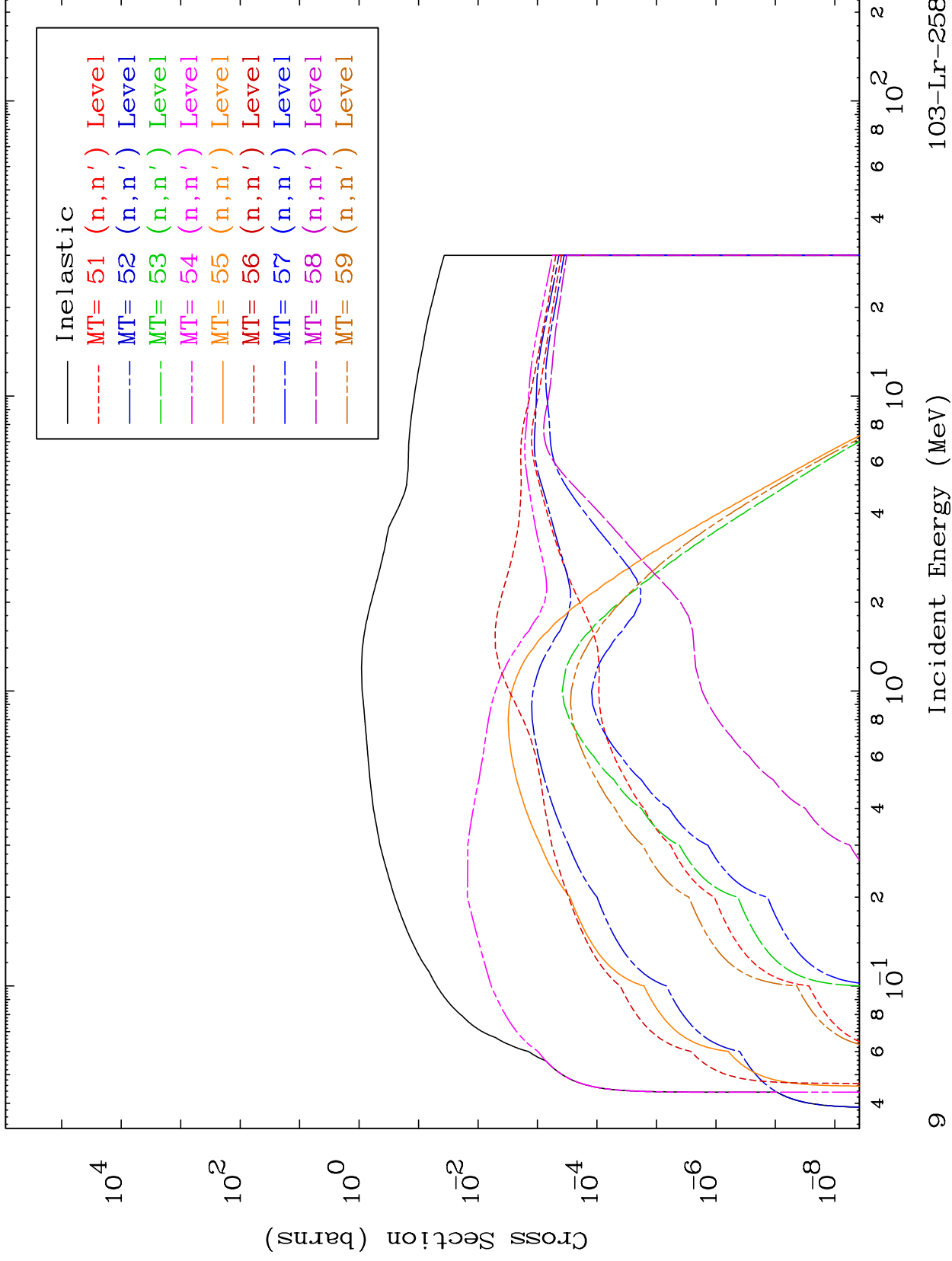


MAT 9987

(n,n') Levels

103-Lr-258

293 Kelvin Cross Sections

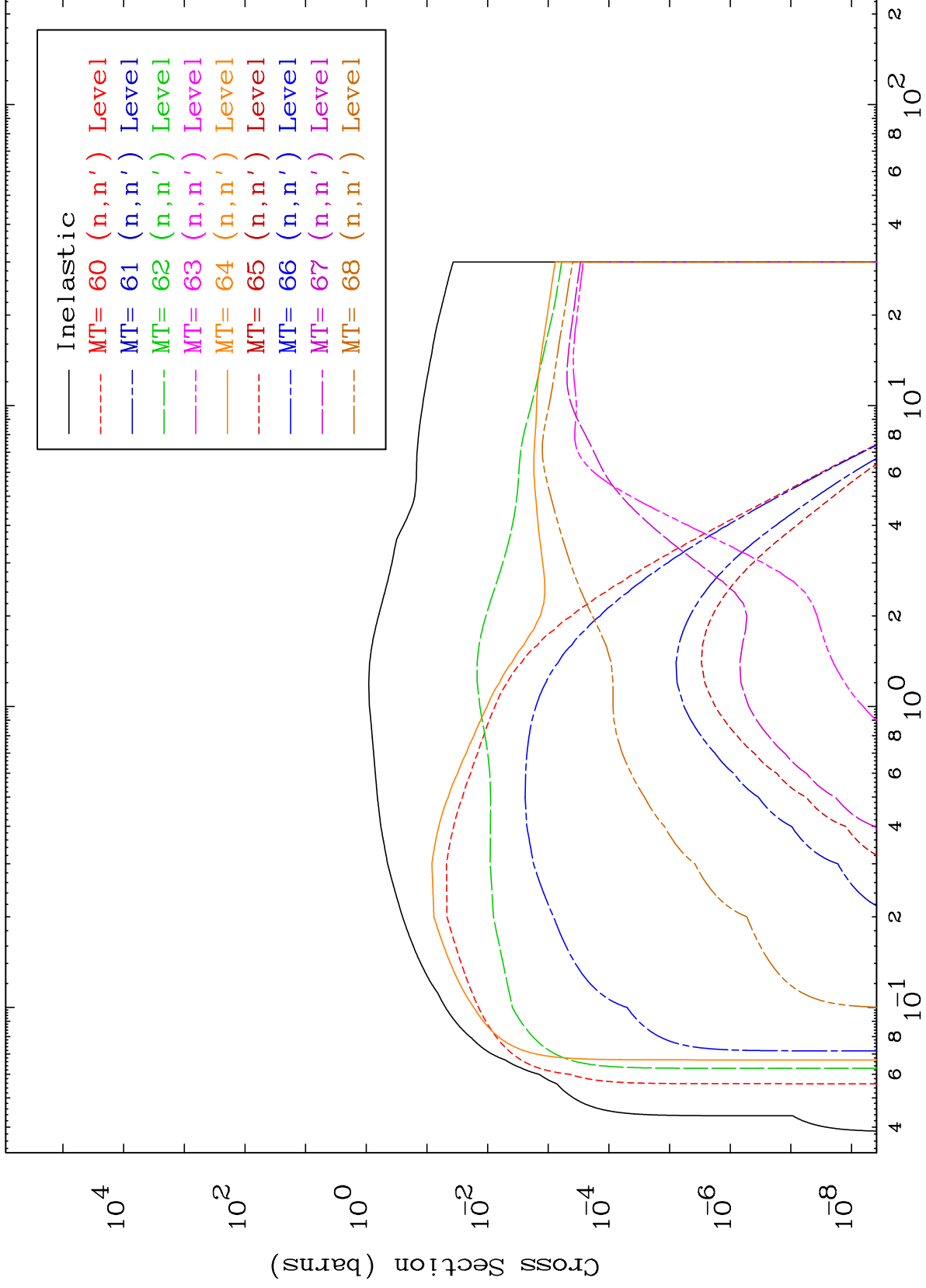


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(n,n') Levels

103-Lr-258

293 Kelvin Cross Sections



10

Incident Energy (MeV)

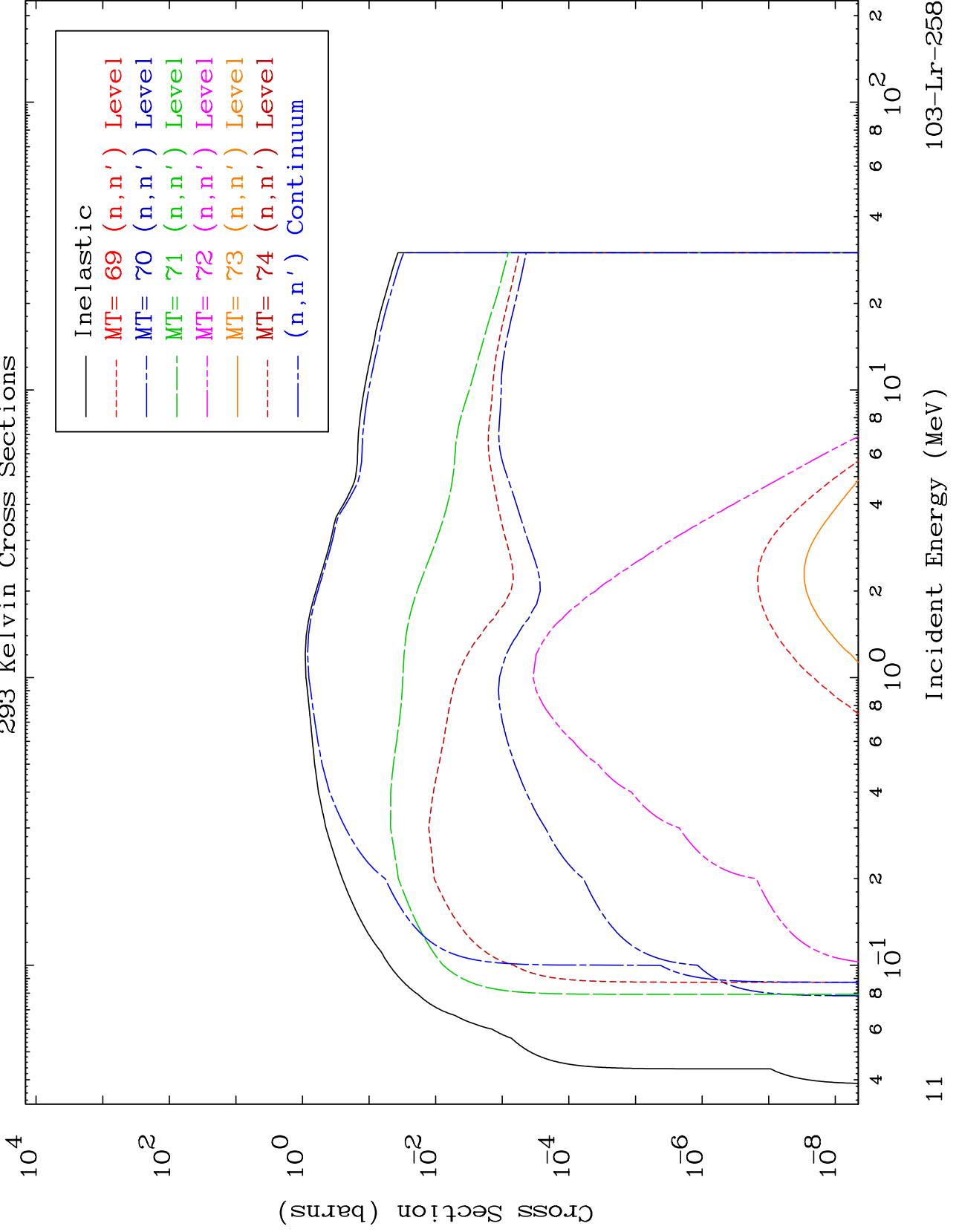
103-Lr-258

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(n,n') Levels

293 Kelvin Cross Sections

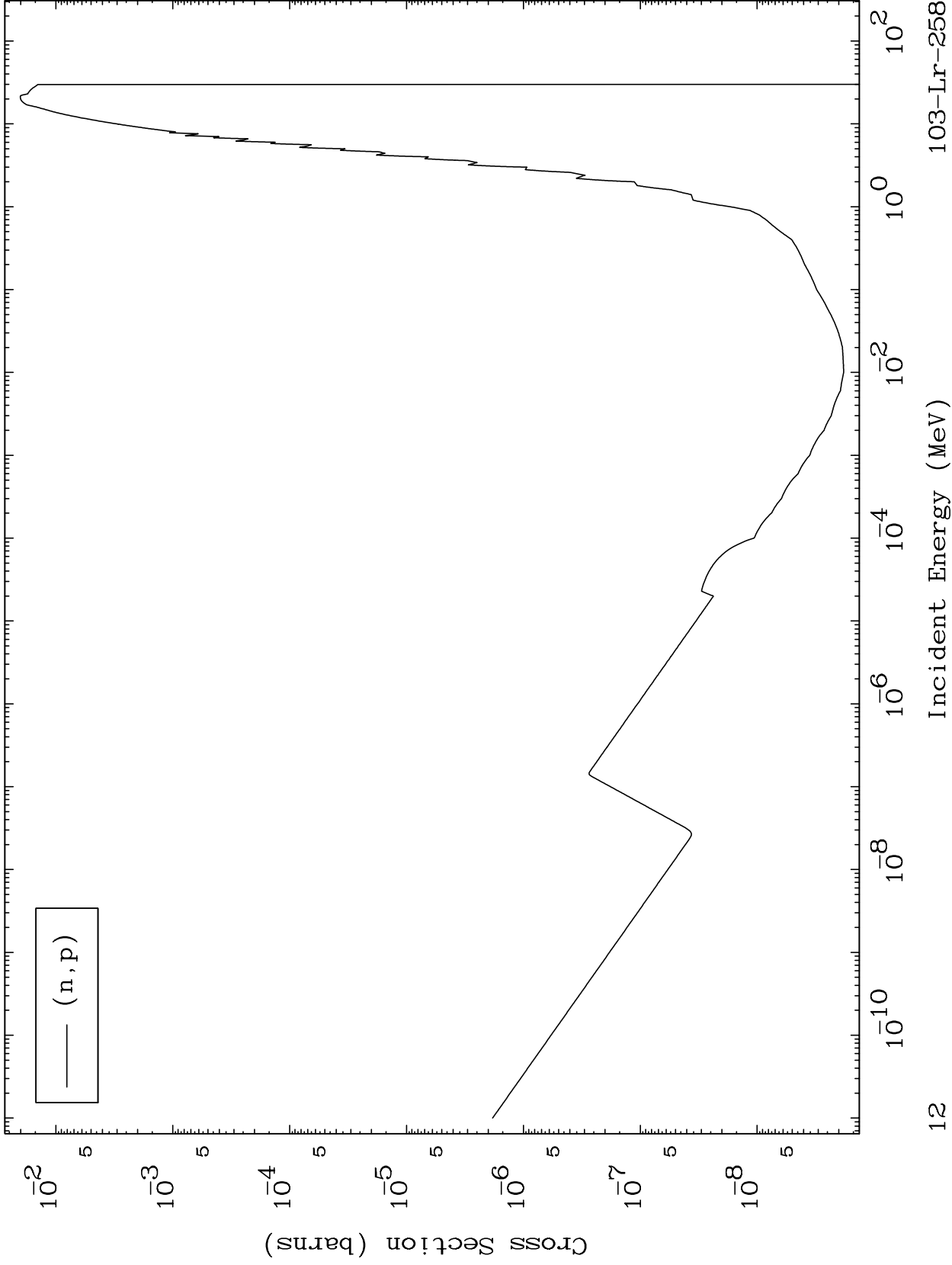
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(n,p) Levels
293 Kelvin Cross Sections

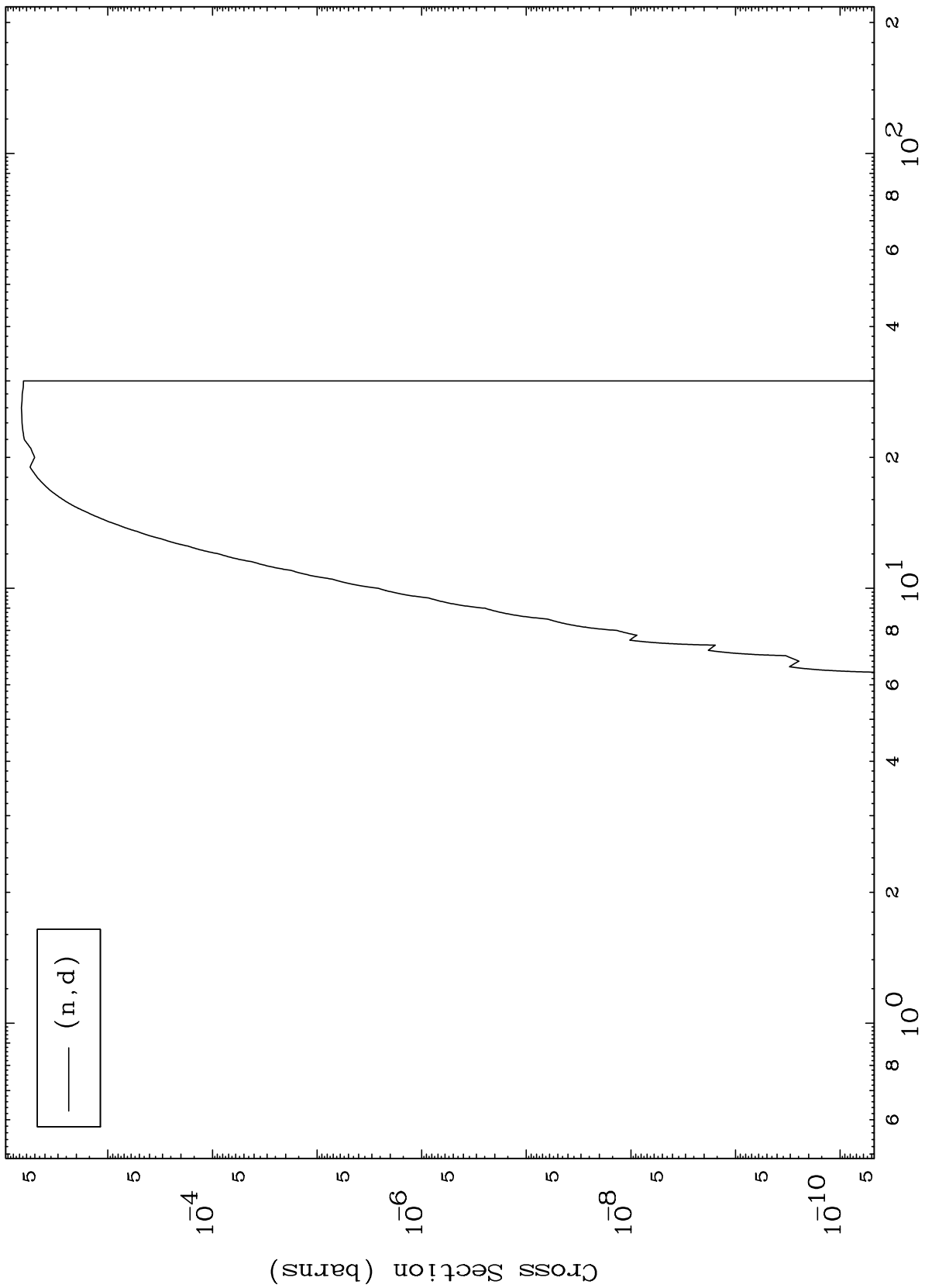
103-Lr-258



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(n,d) Levels
293 Kelvin Cross Sections

103-Lr-258



13

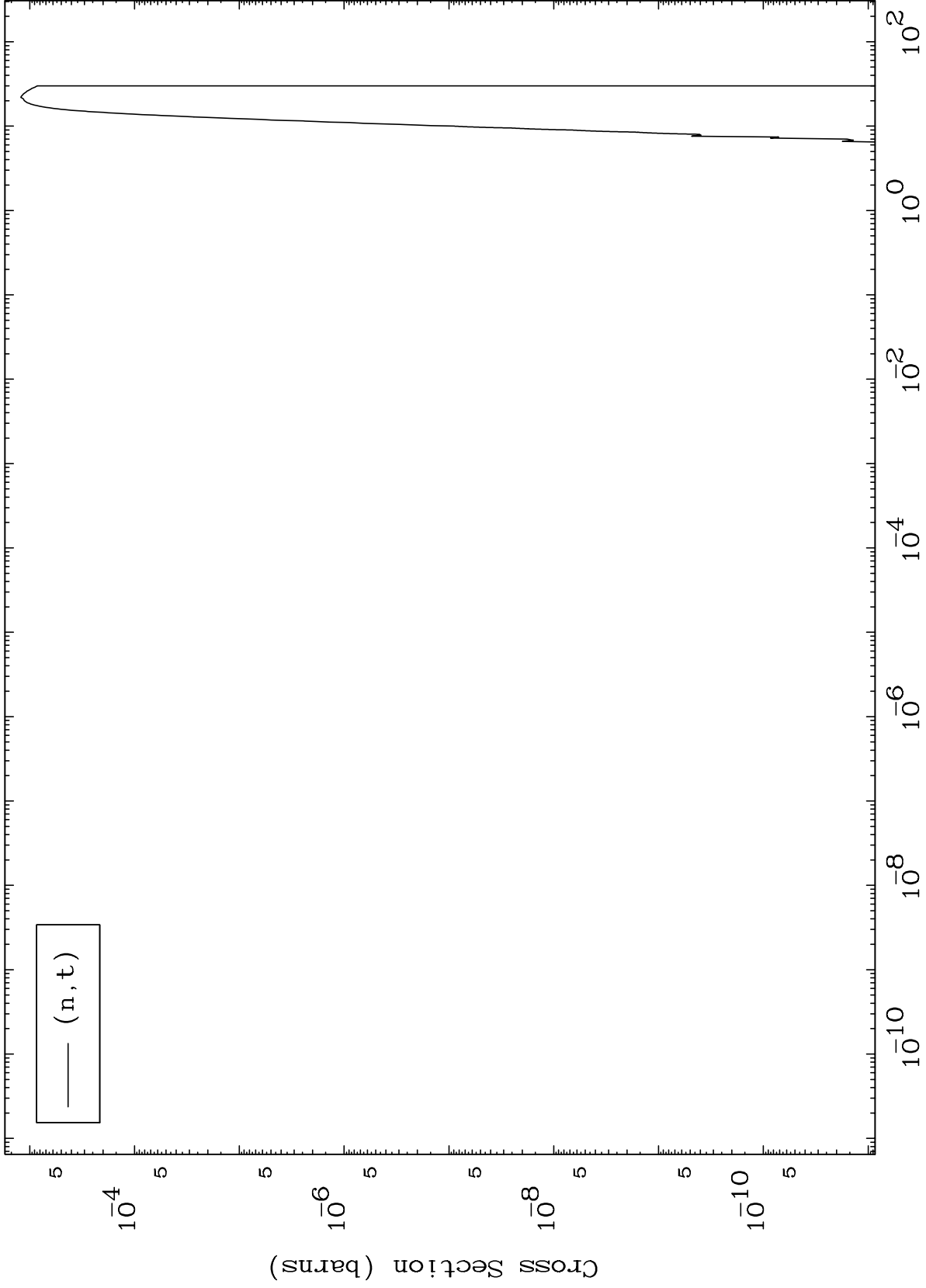
Incident Energy (MeV)

103-Lr-258

MAT 9987

(n,t) Levels
293 Kelvin Cross Sections

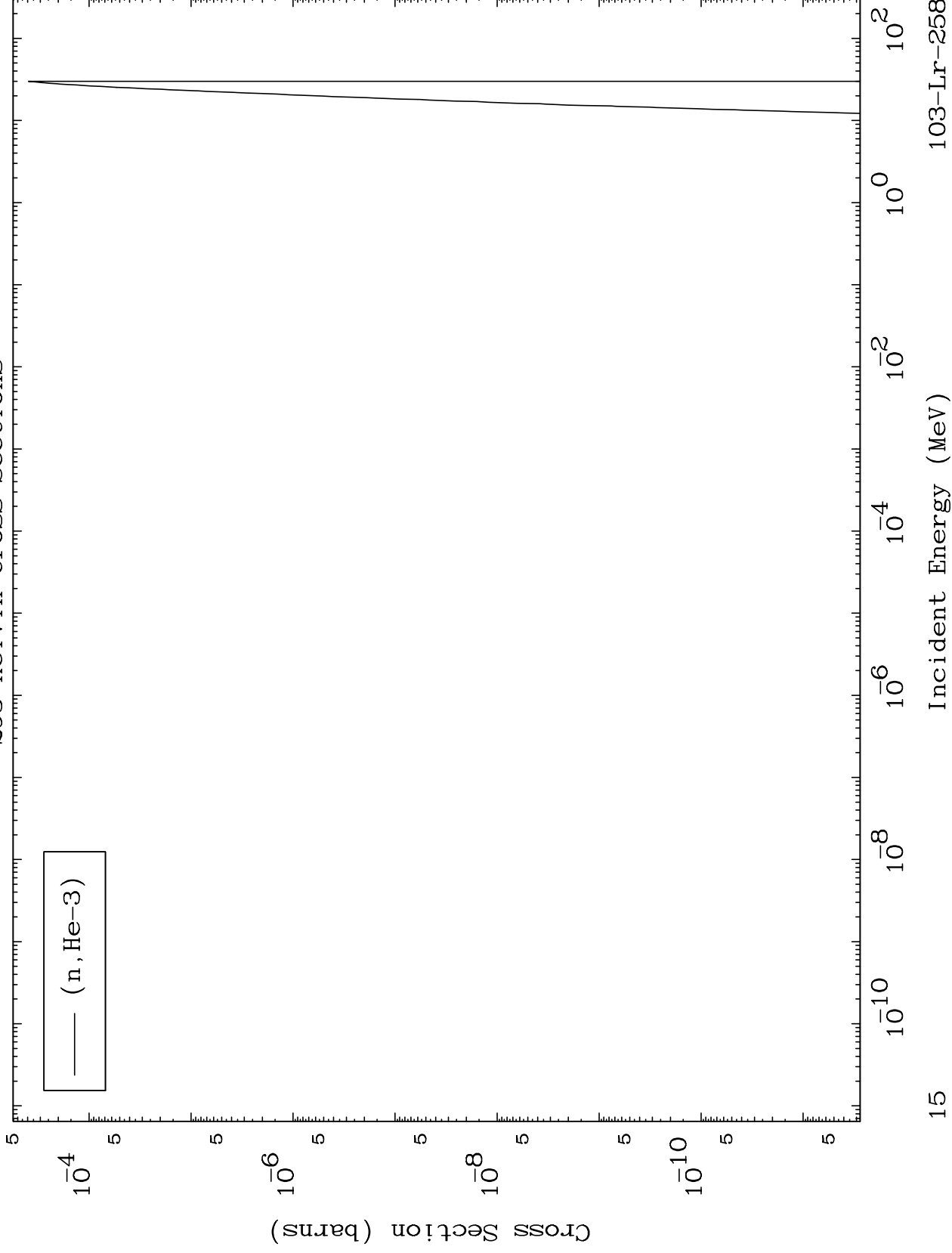
103-Lr-258



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(n,He3) Levels
293 Kelvin Cross Sections

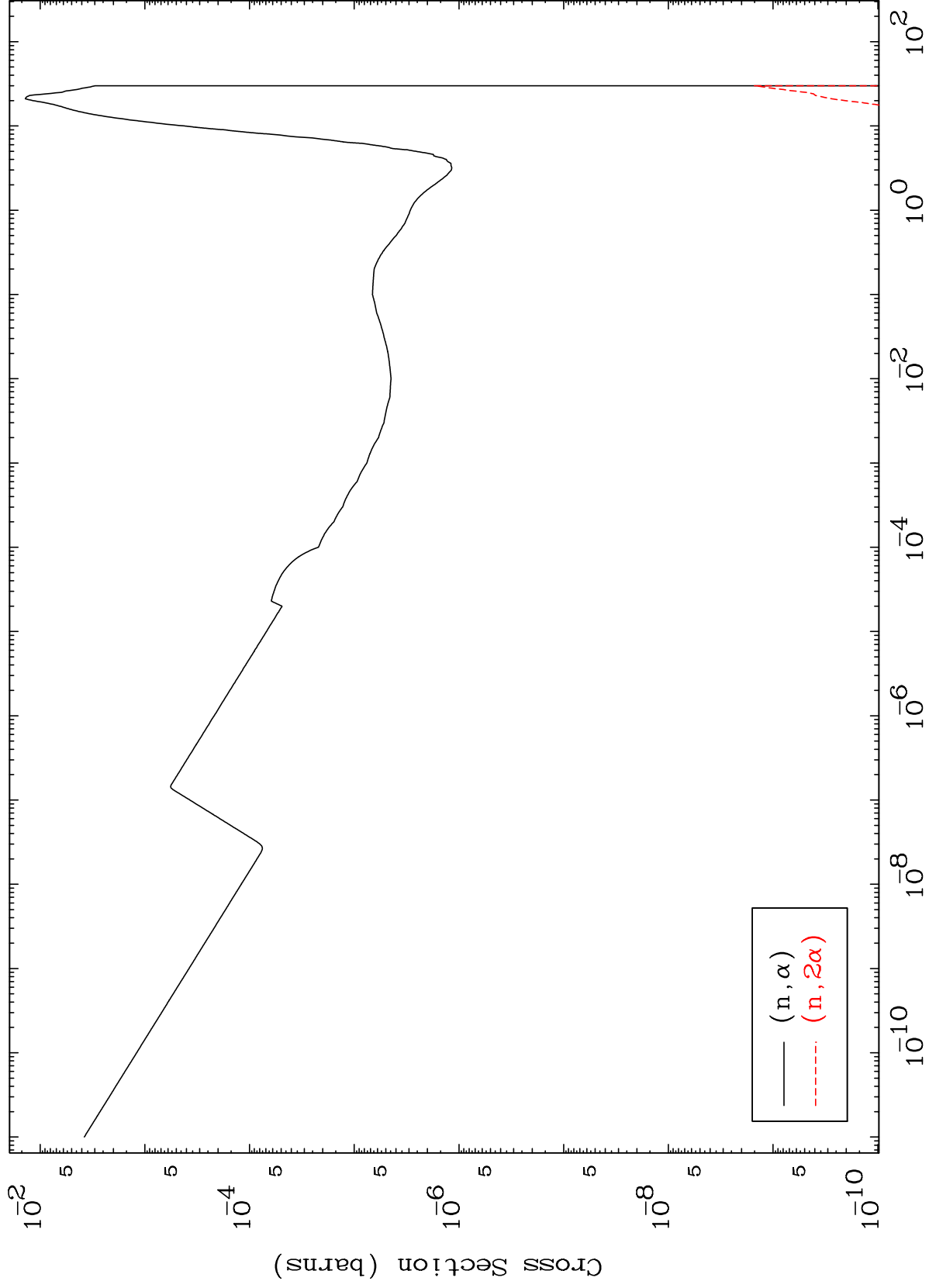
103-Lr-258



MAT 9987

(n,α) Levels
293 Kelvin Cross Sections

103-Lr-258



Incident Energy (MeV)

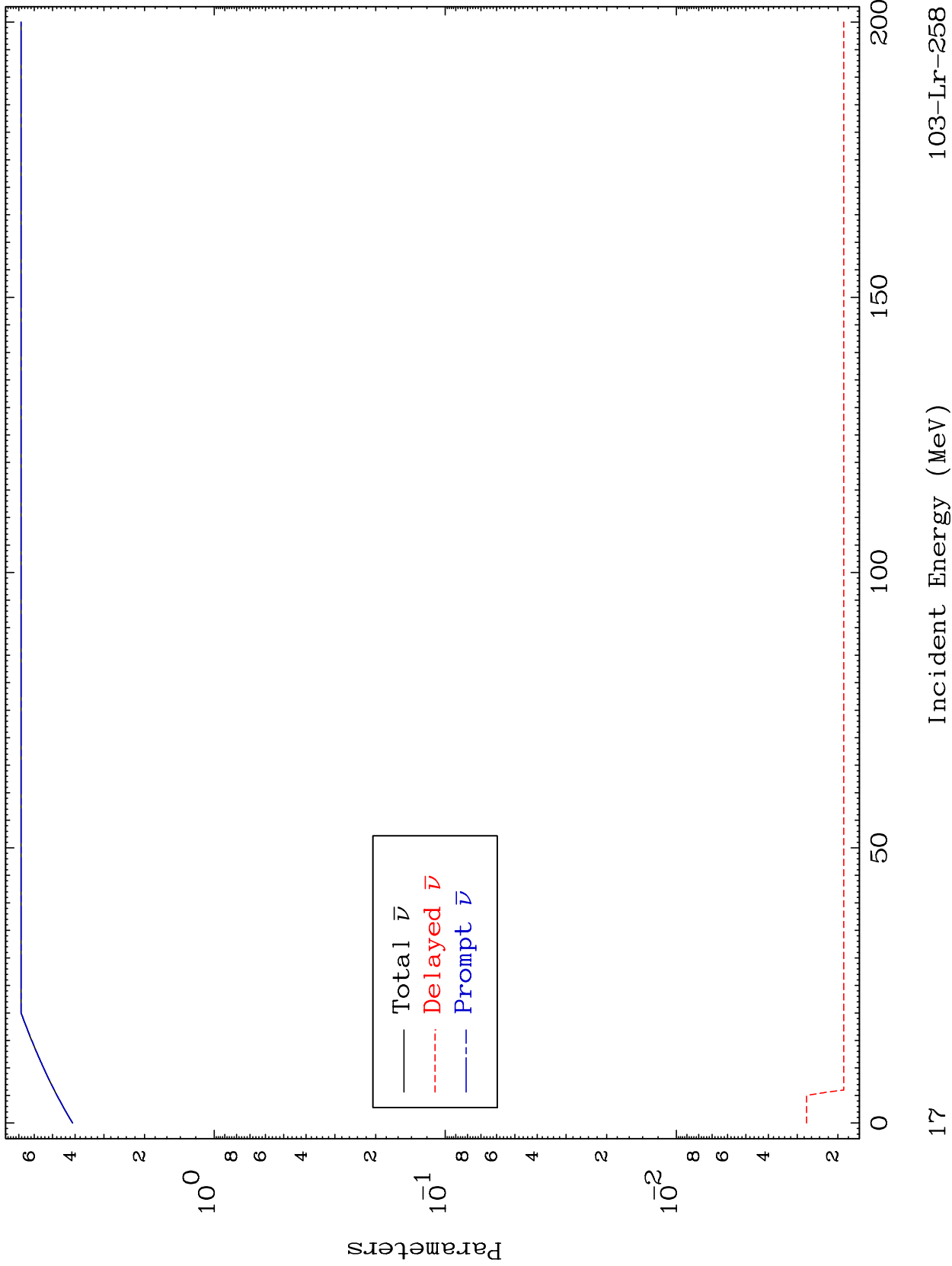
103-Lr-258

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Energy Release
Parameters

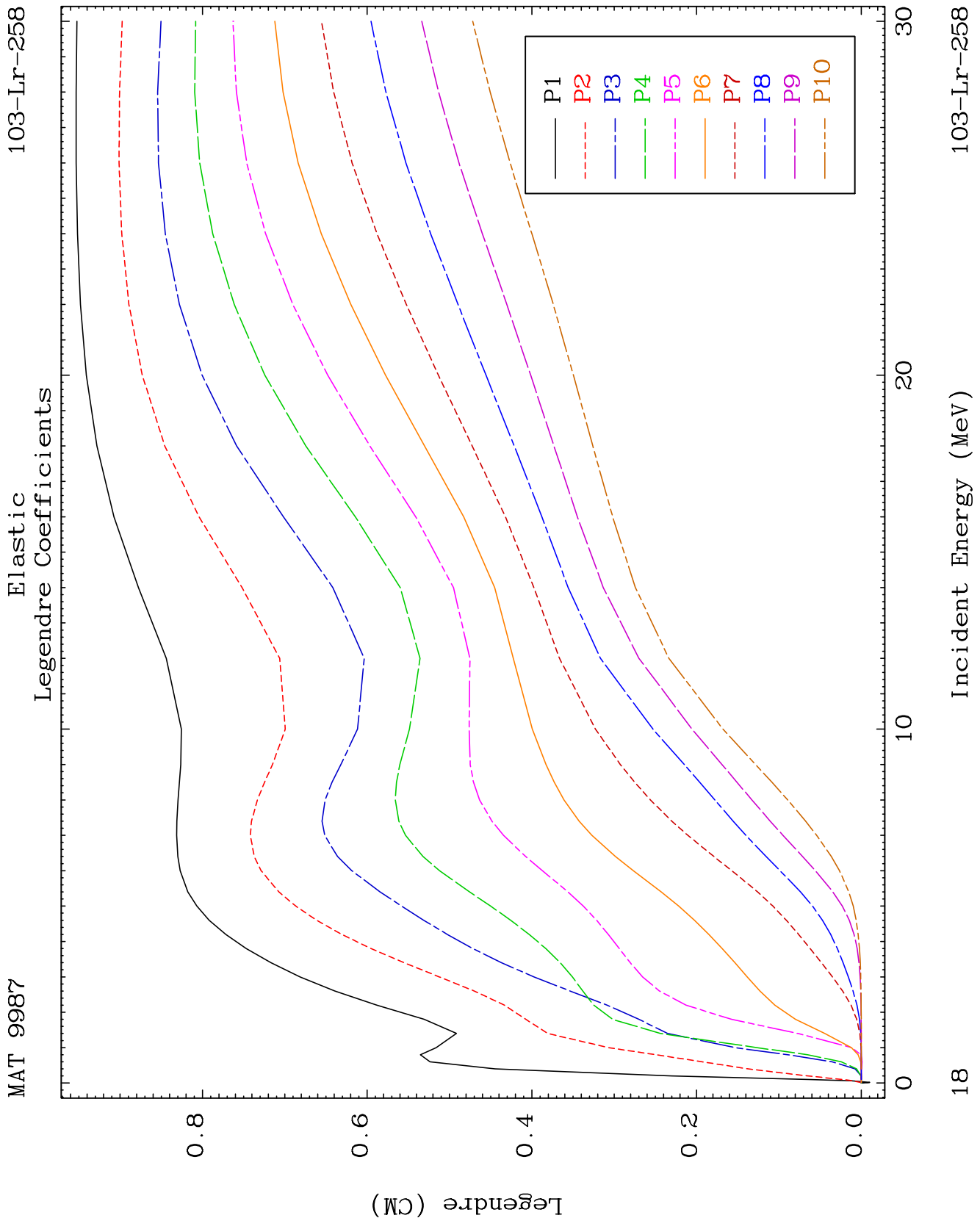
103-Lr-258



17

Incident Energy (MeV)

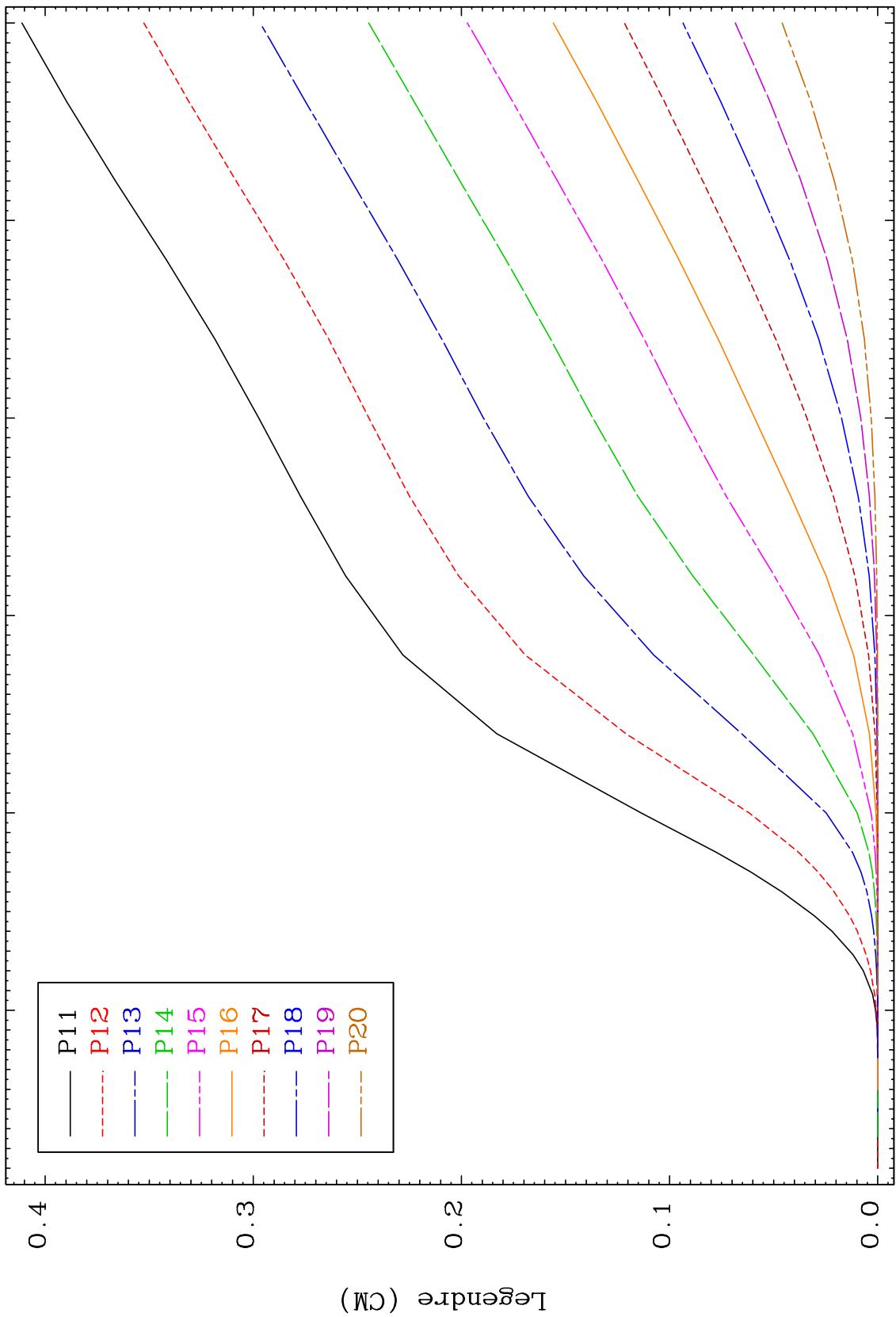
103-Lr-258



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Elastic Legendre Coefficients

103-Lr-258



19

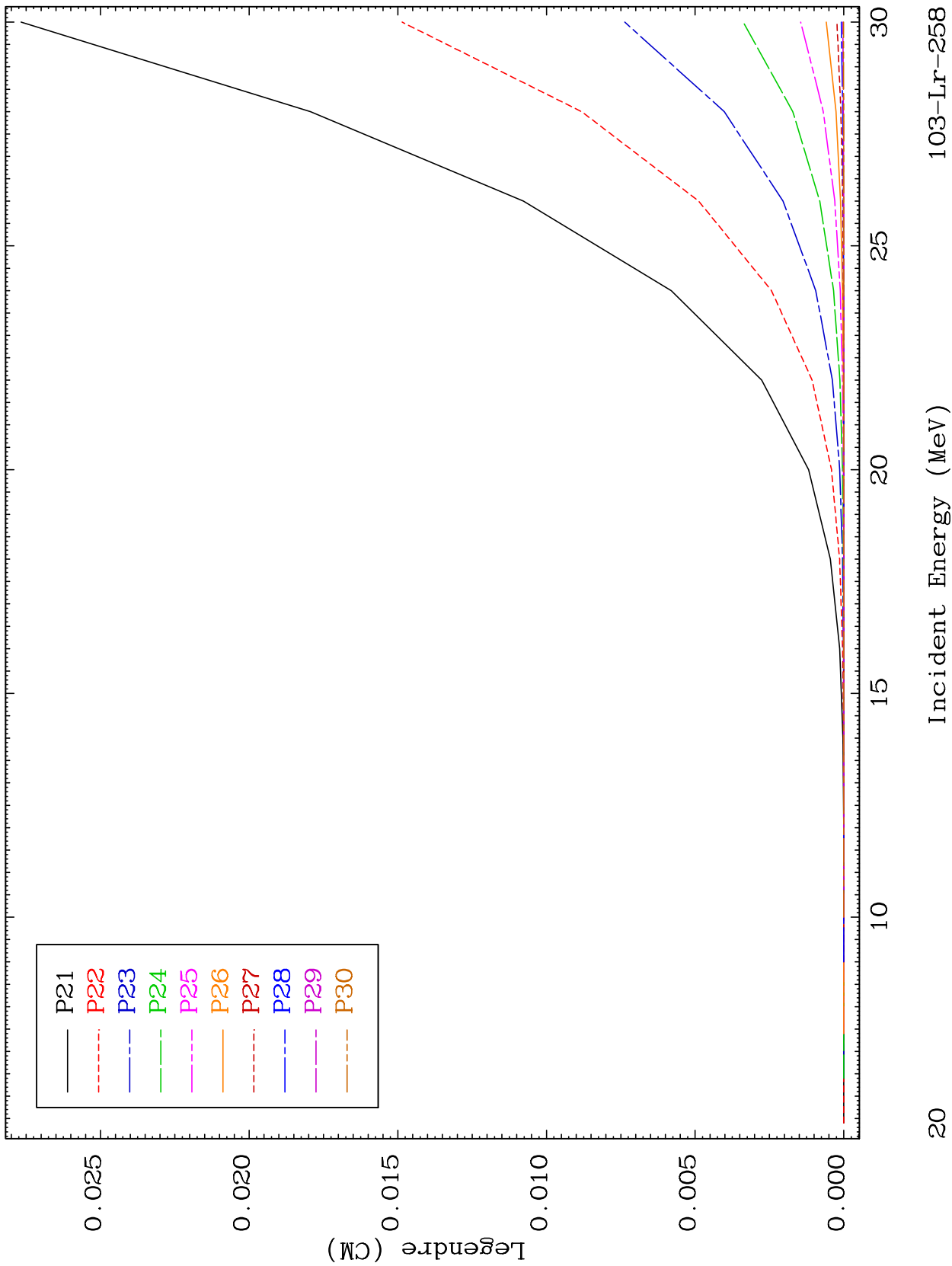
Incident Energy (MeV)

103-Lr-258

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Elastic Legendre Coefficients

103-Lr-258



20

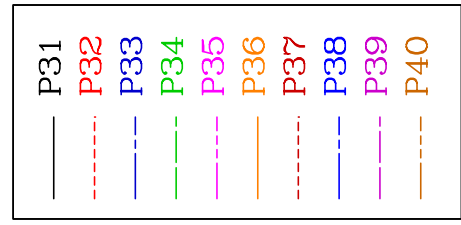
Incident Energy (MeV)

103-Lr-258

MAT 9987

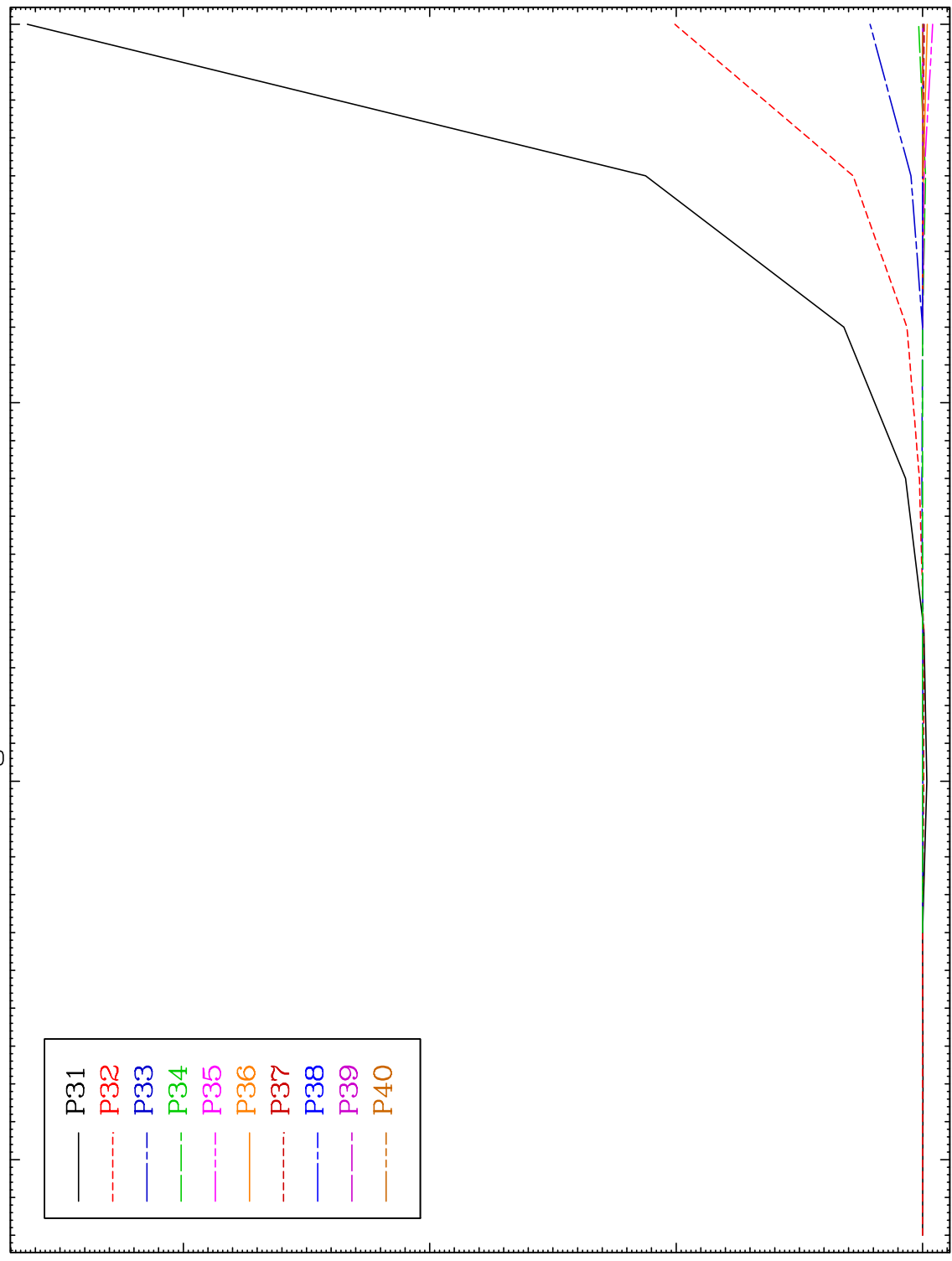
Elastic Legendre Coefficients

103-Lr-258



$\times 10^{-6}$

Legendre (CM)



0

15

20

25

30

21

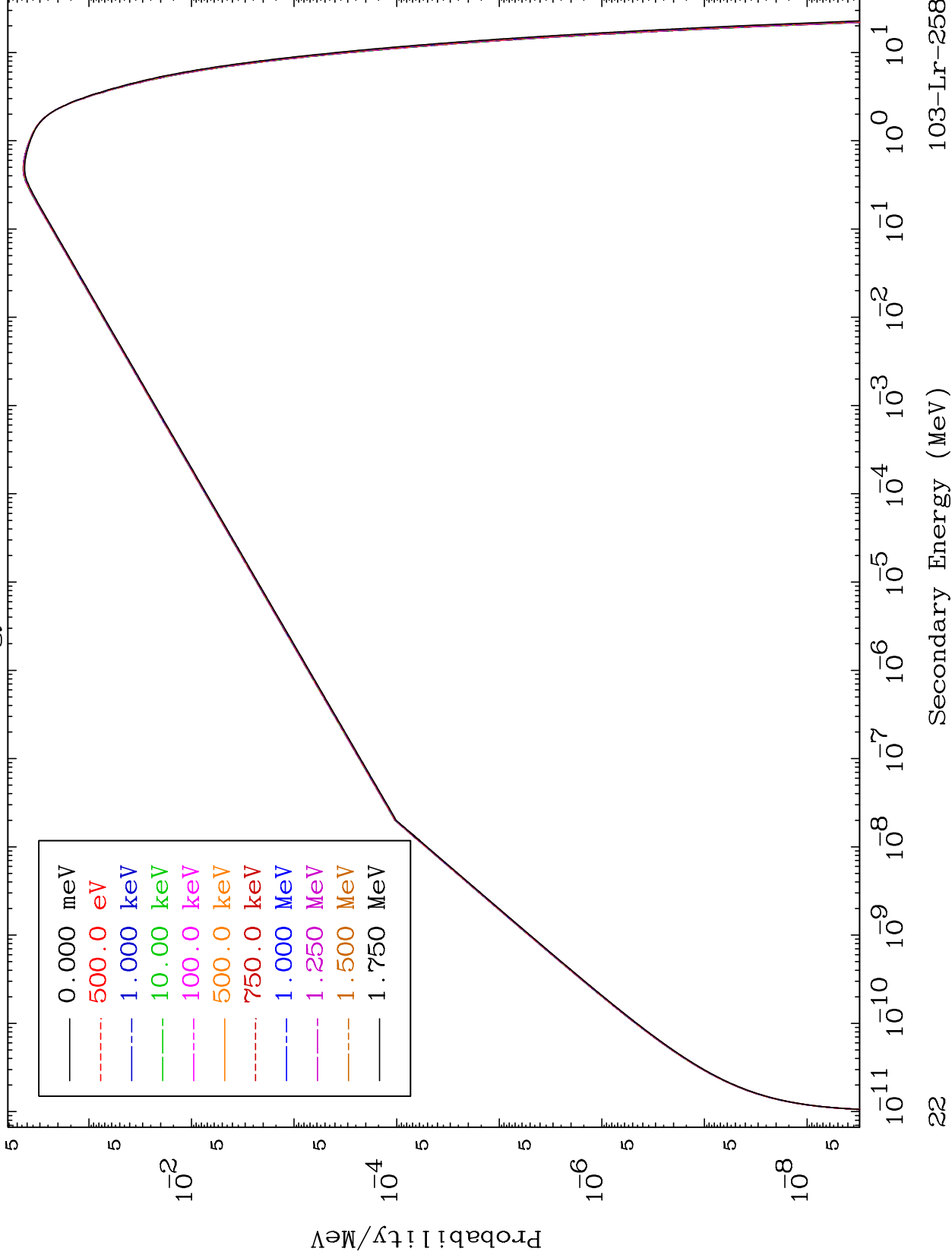
Incident Energy (MeV)

103-Lr-258

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Fission Energy Distributions

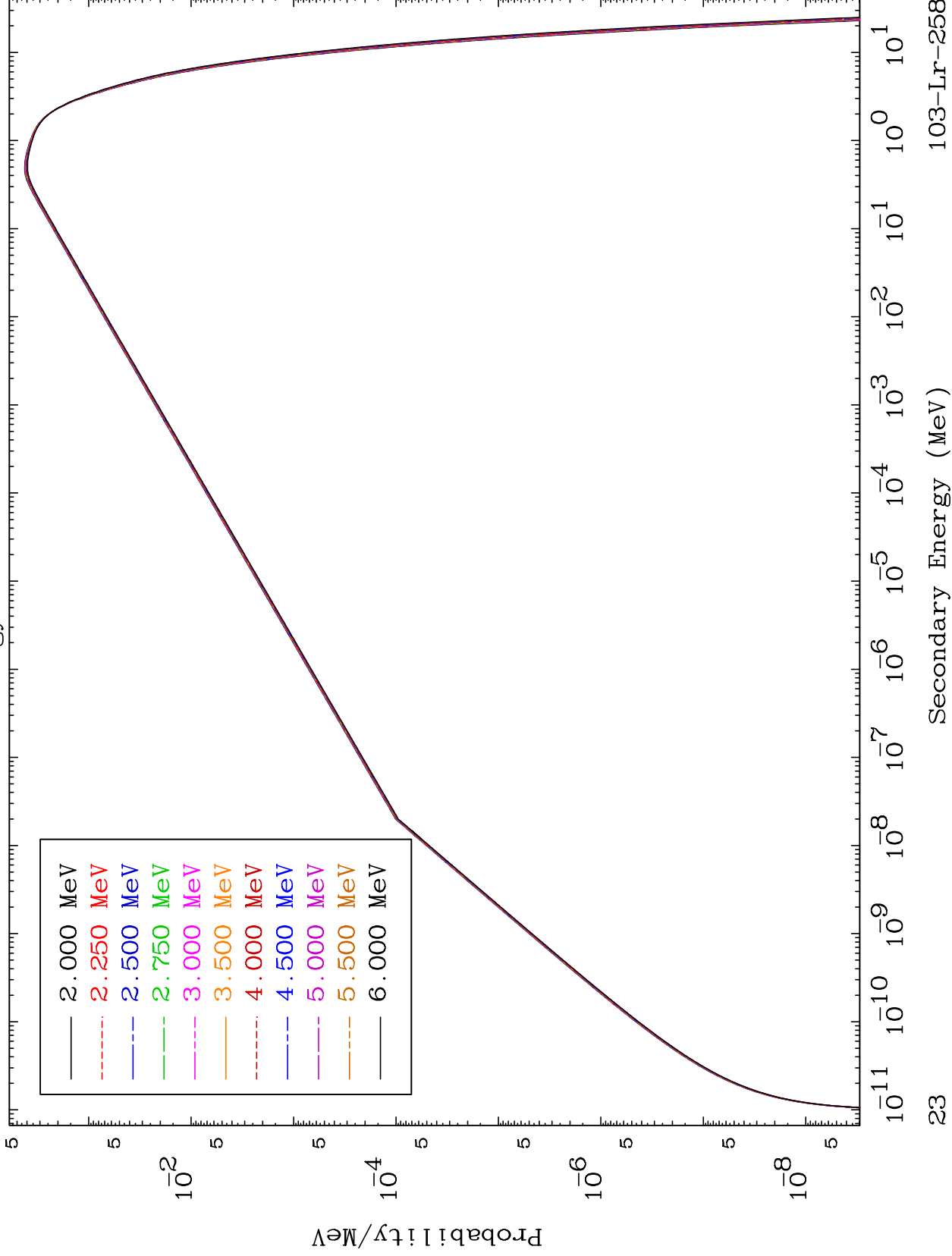
103-Lr-258



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Fission Energy Distributions

103-Lr-258



103-Lr-258

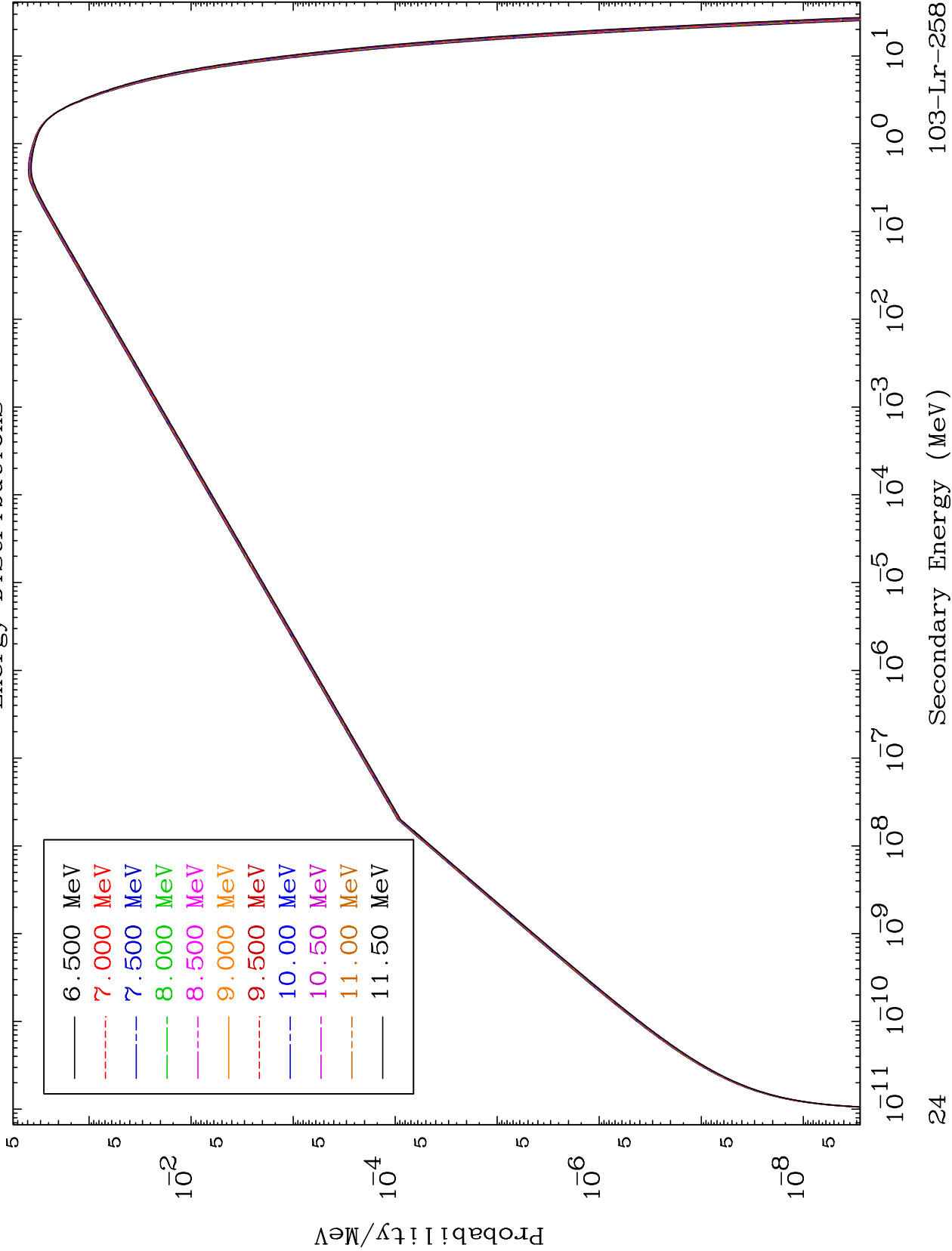
Secondary Energy (MeV)

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Fission Energy Distributions

103-Lr-258



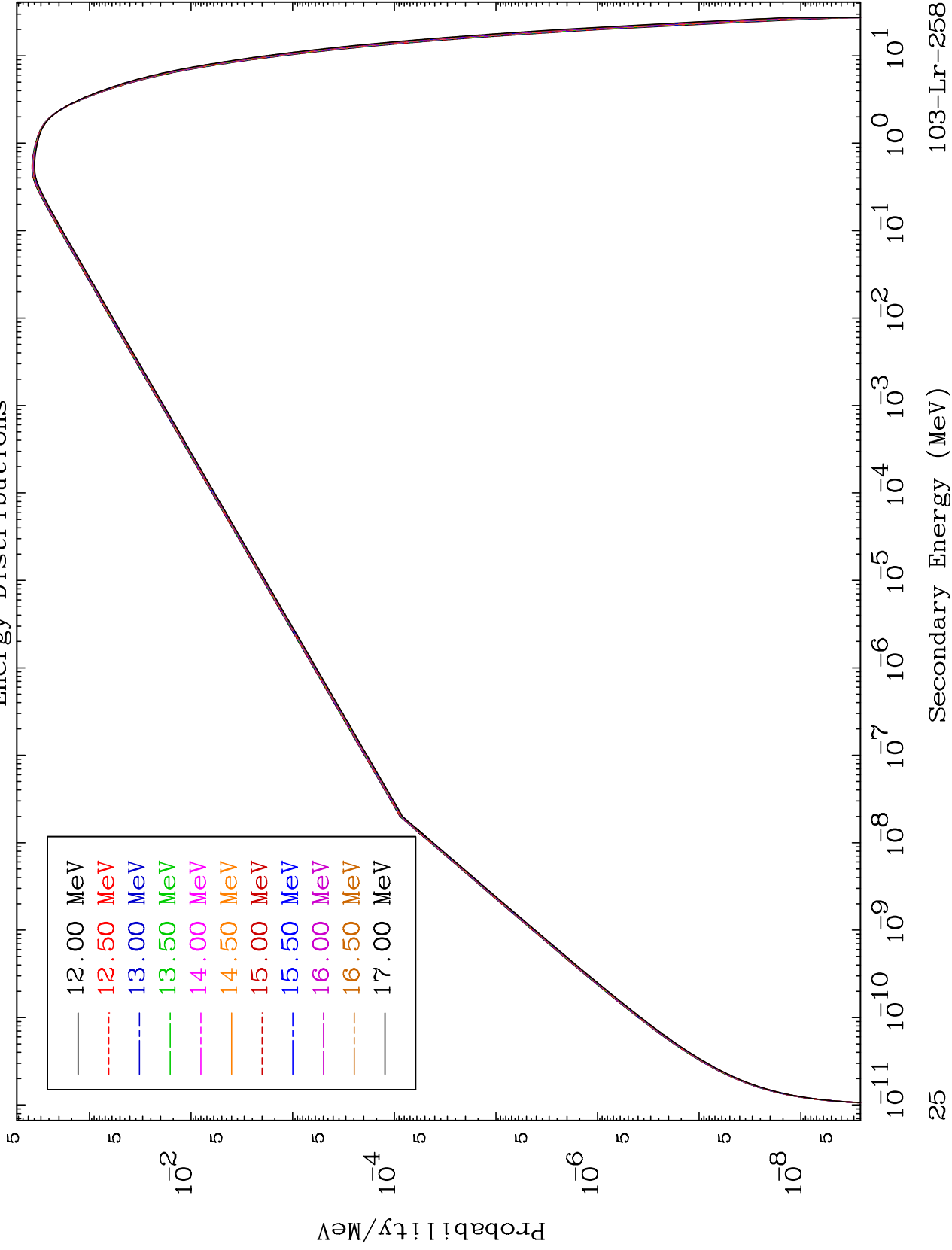
103-Lr-258

Secondary Energy (MeV)

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Fission Energy Distributions

103-Lr-258



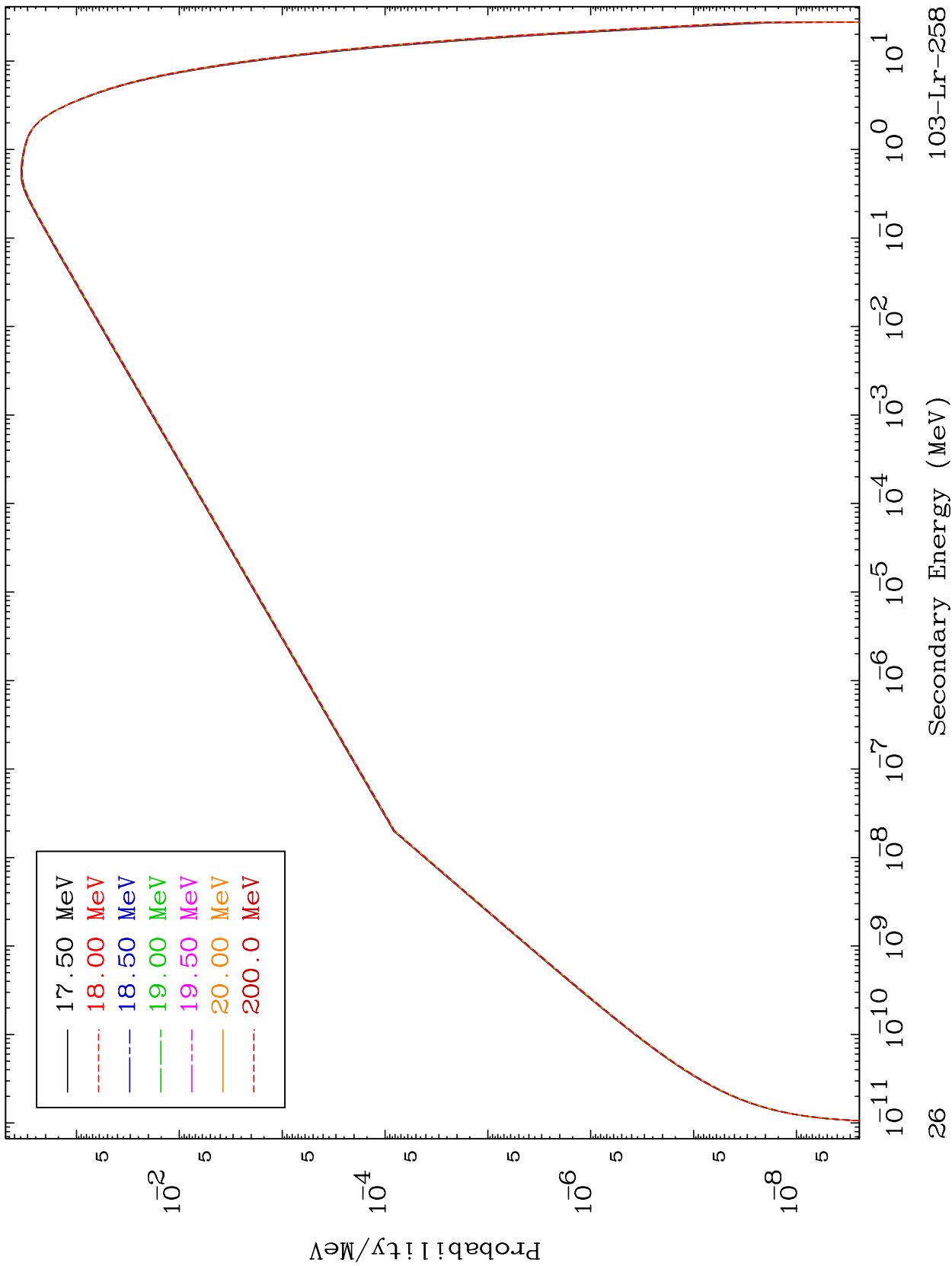
103-Lr-258

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Fission Energy Distributions

103-Lr-258



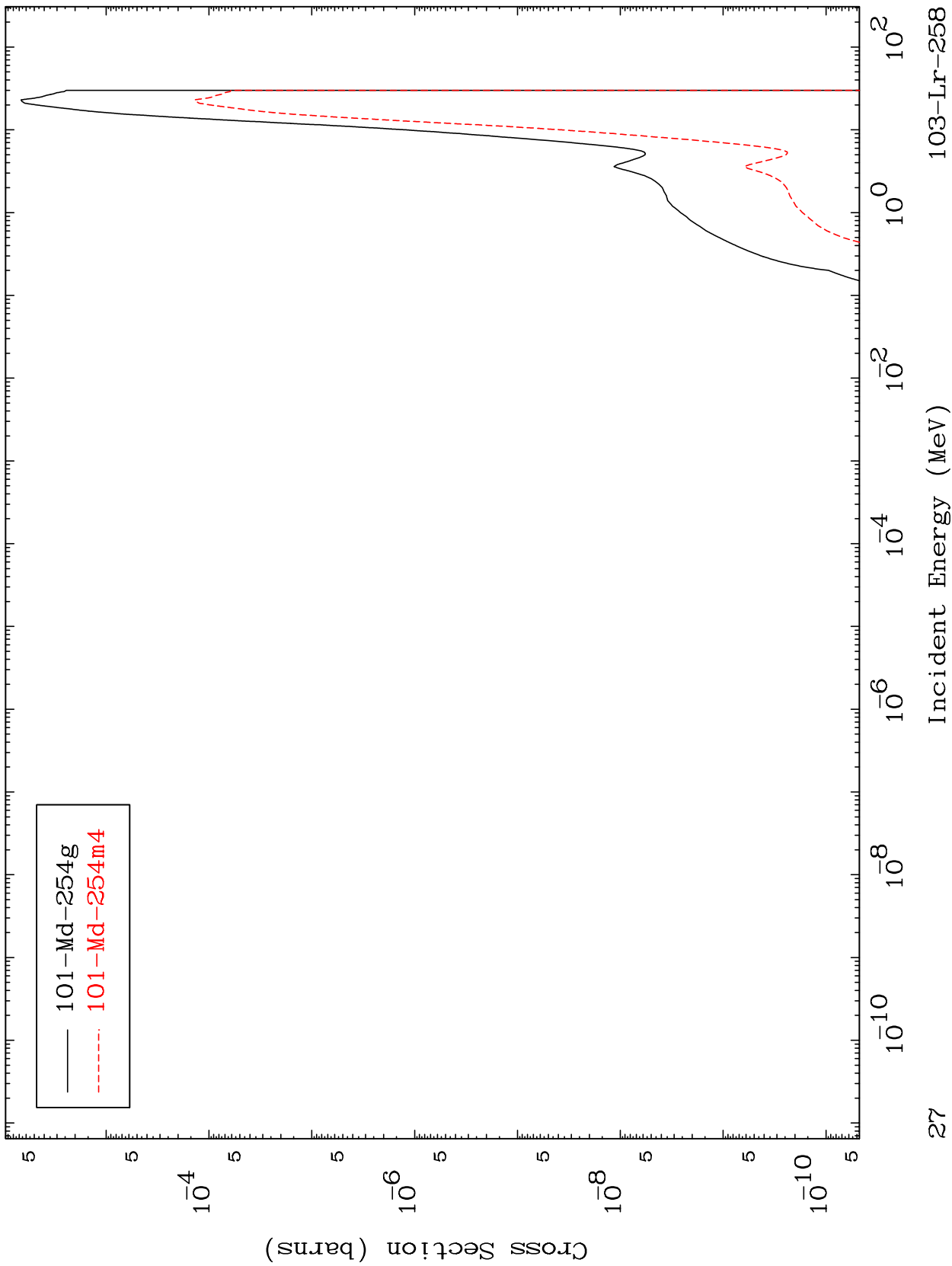
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$(n, n') \alpha$

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Radionuclide Production Cross Section

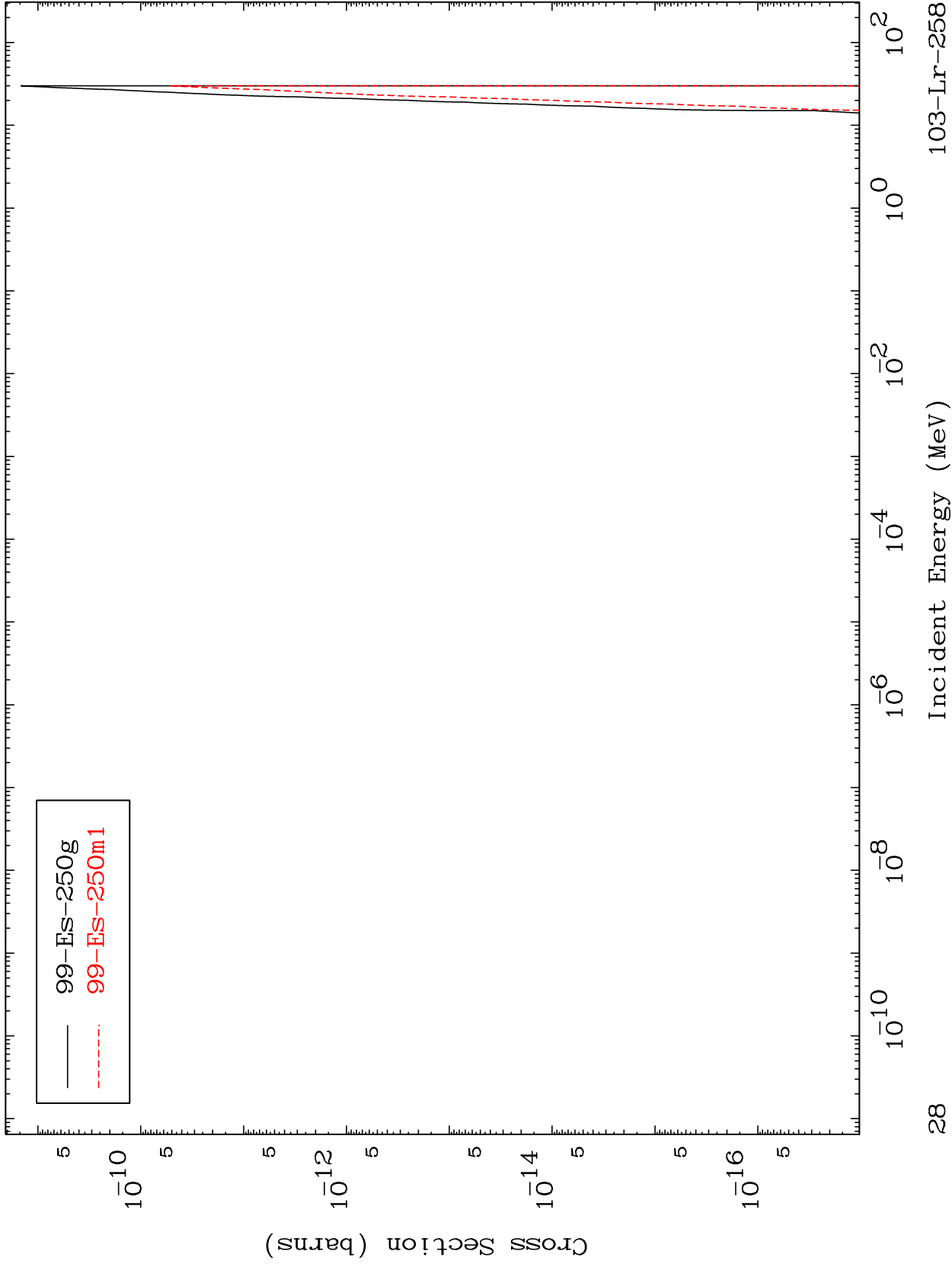


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(n,n') 2 α

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Radionuclide Production Cross Section

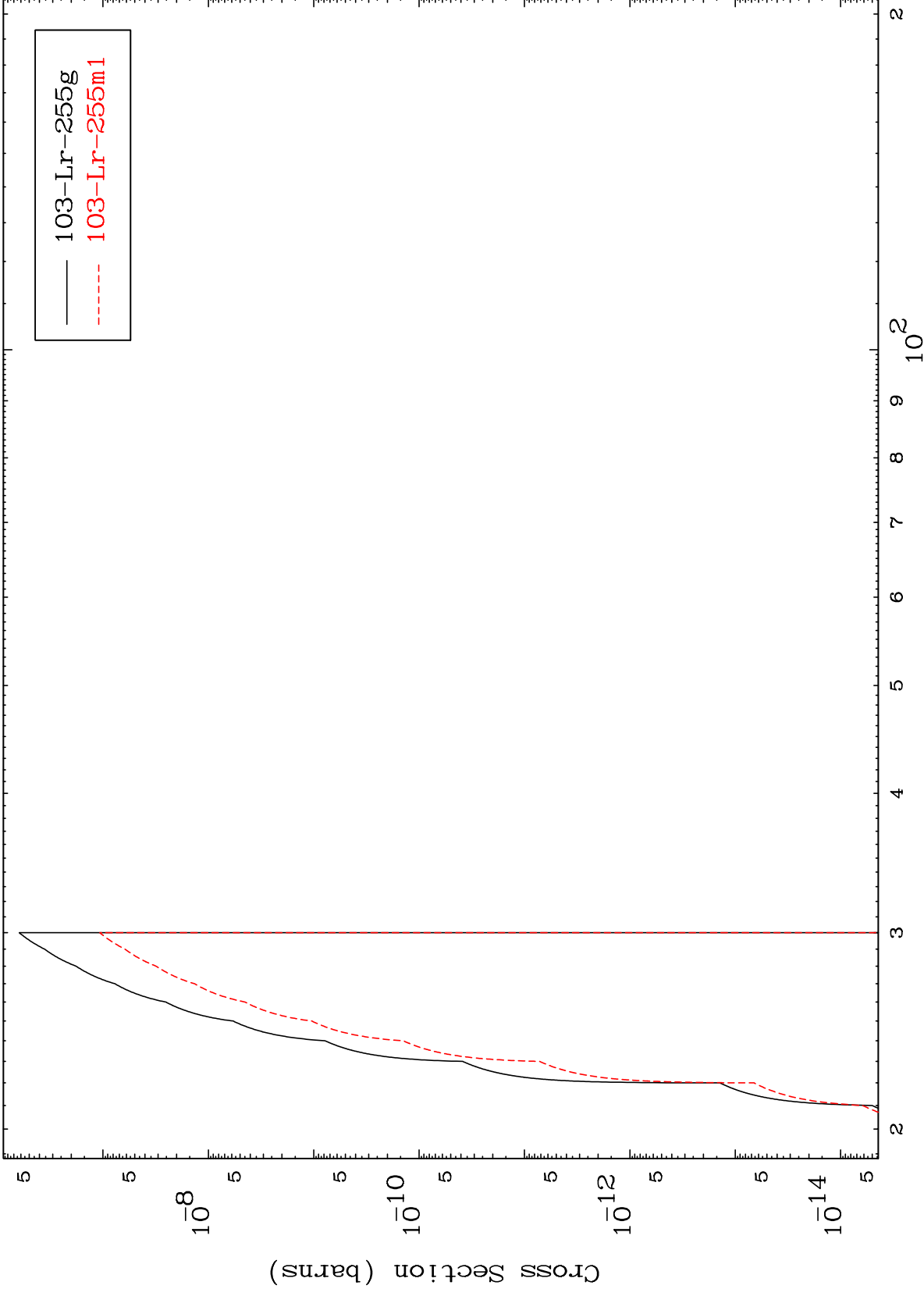


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(n,4n)

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Radionuclide Production Cross Section



29

Incident Energy (MeV)

103-Lr-258