

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

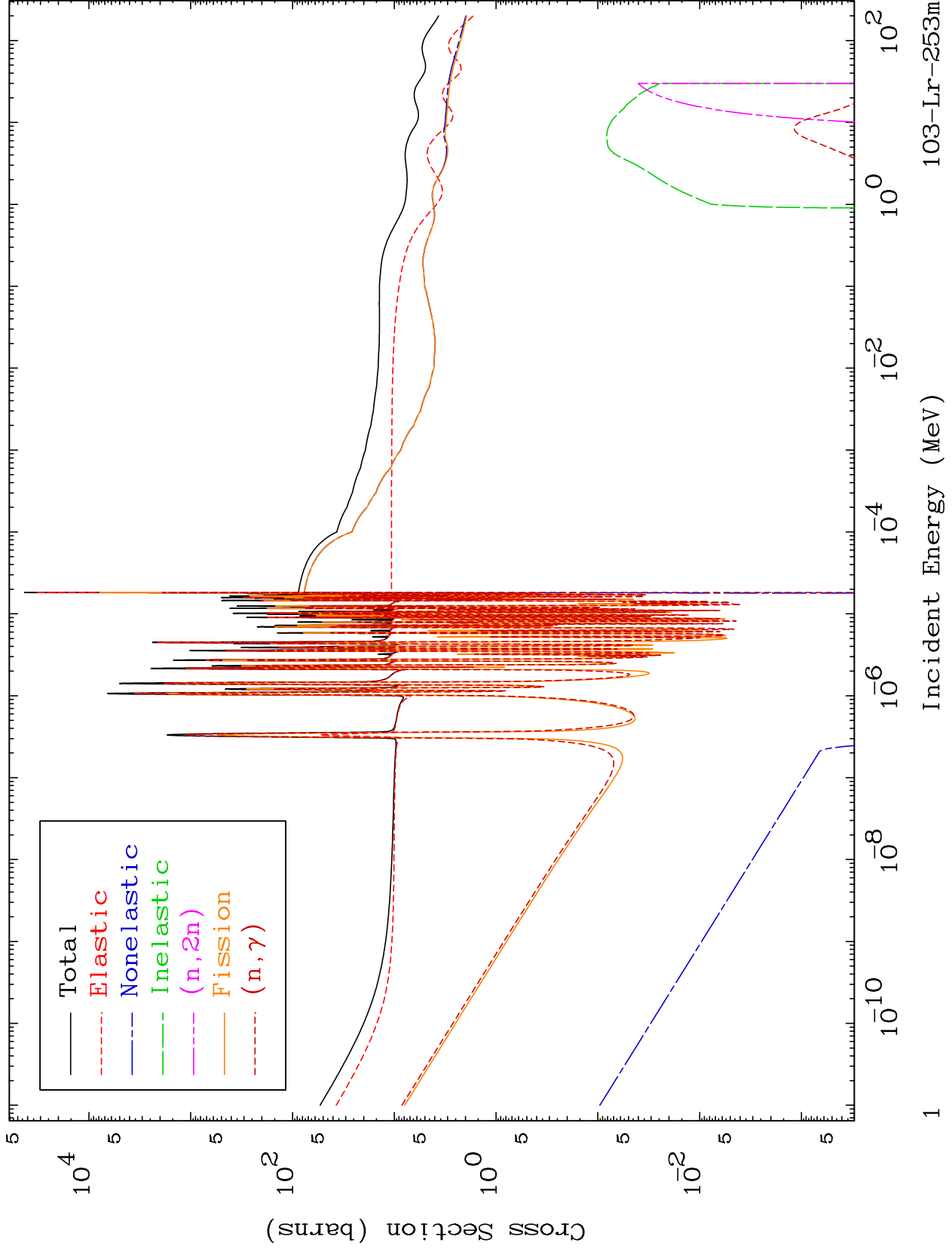
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9987

Neutron Major
293 Kelvin Cross Sections

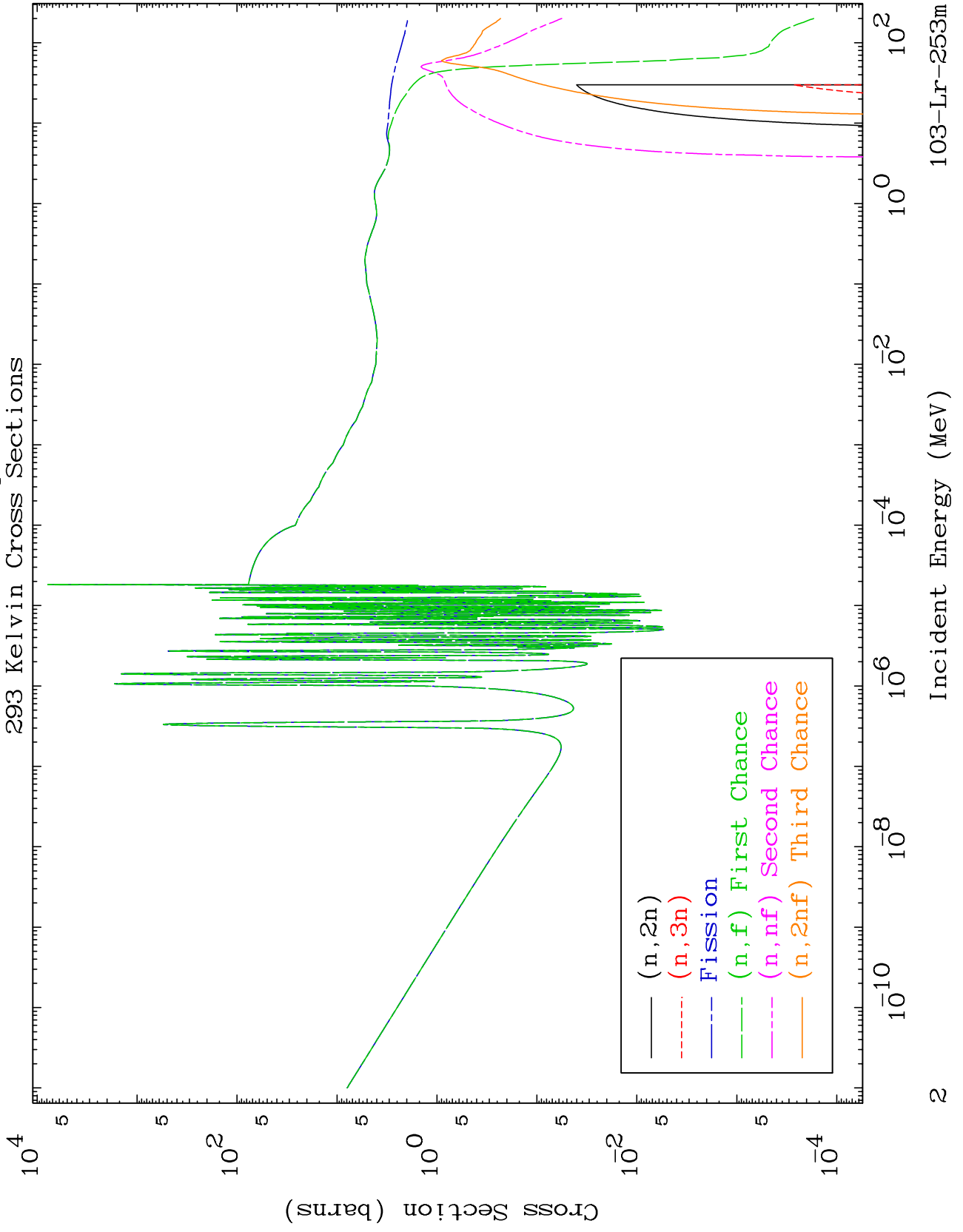
103-Lr-253m



MAT 9987

Neutron Absorption
293 Kelvin Cross Sections

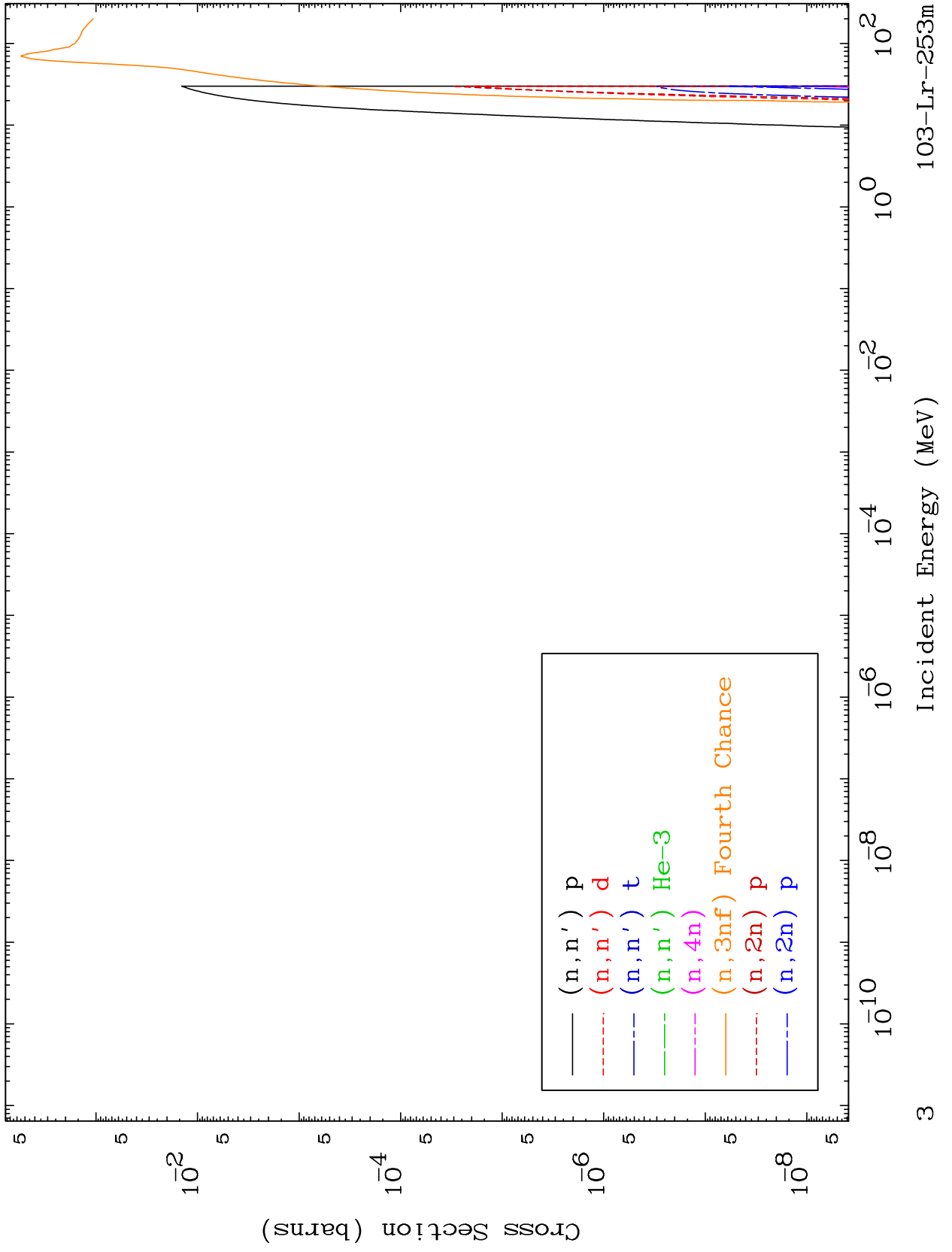
103-Lr-253m



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Neutron Absorption
293 Kelvin Cross Sections

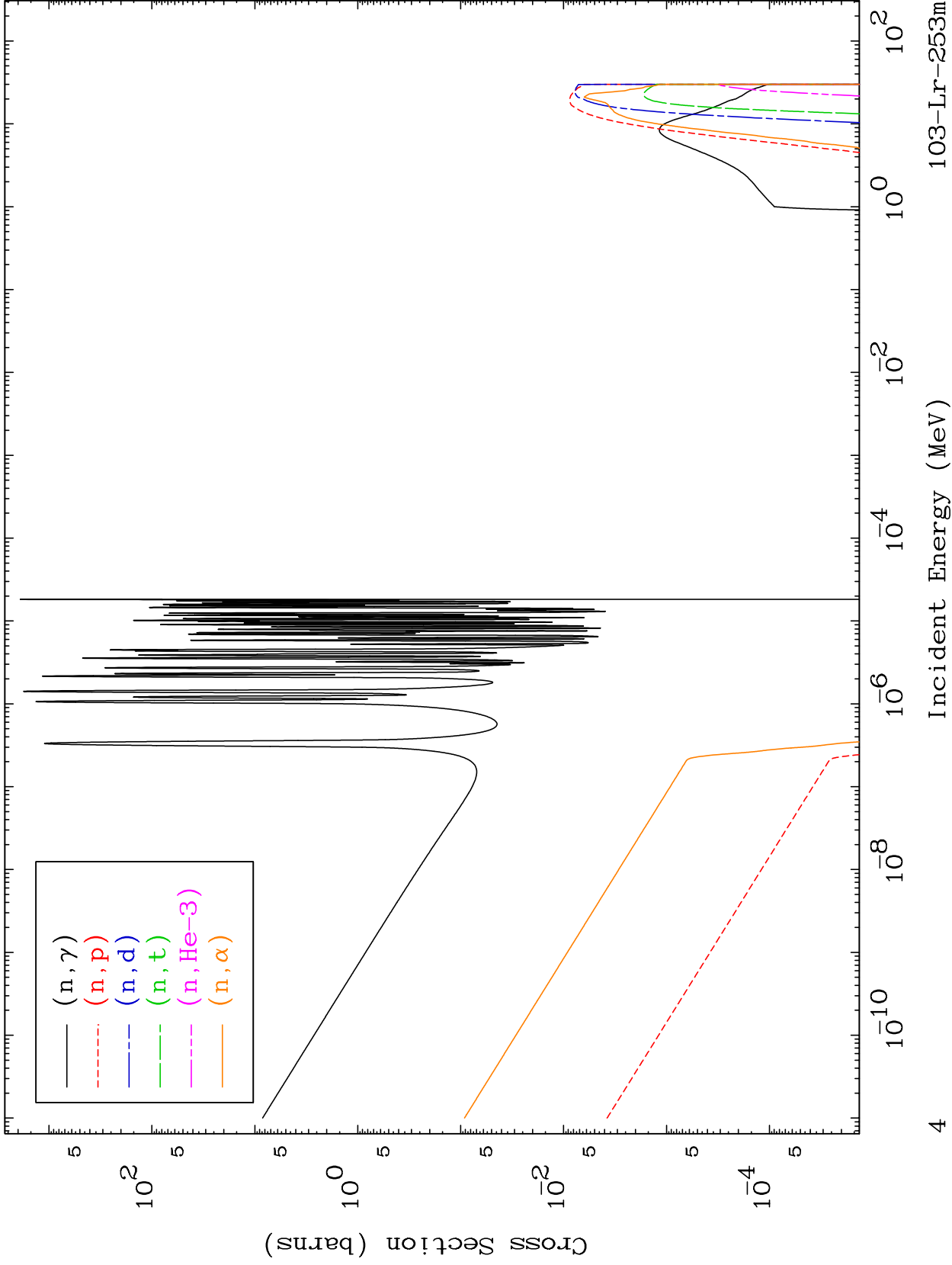
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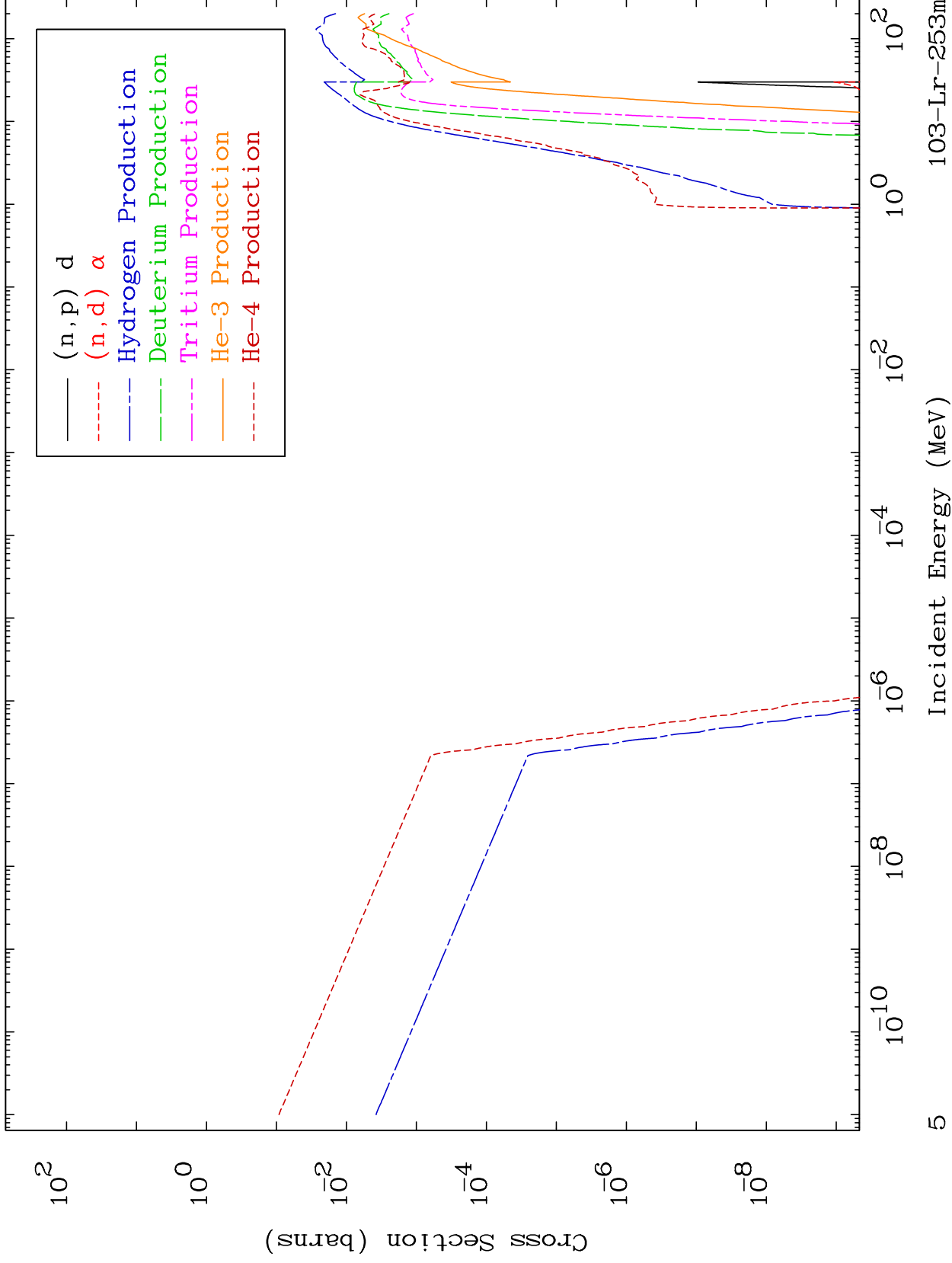


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Neutron Absorption
293 Kelvin Cross Sections

103-Lr-253m

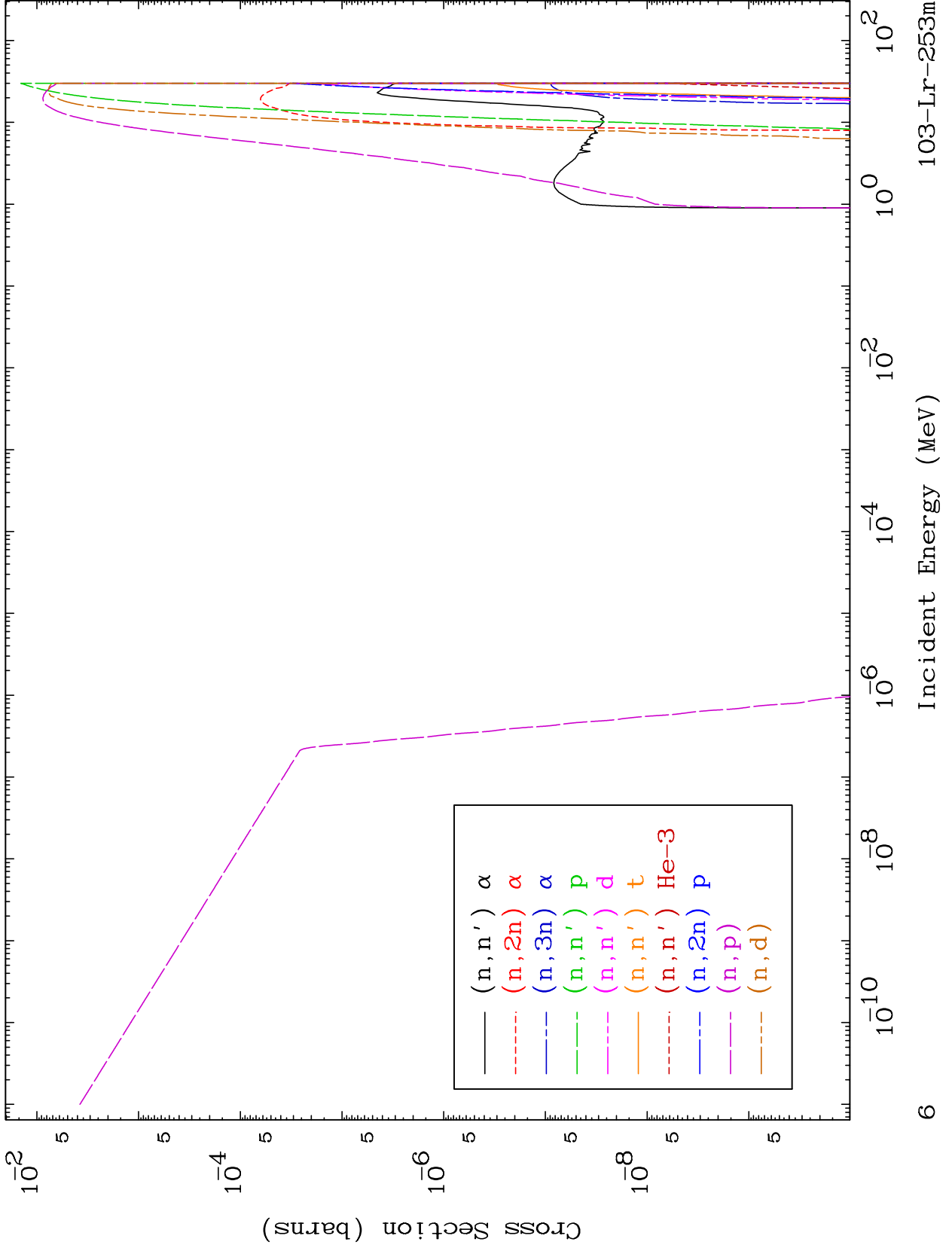




MAT 9987

Charged Particle
293 Kelvin Cross Sections

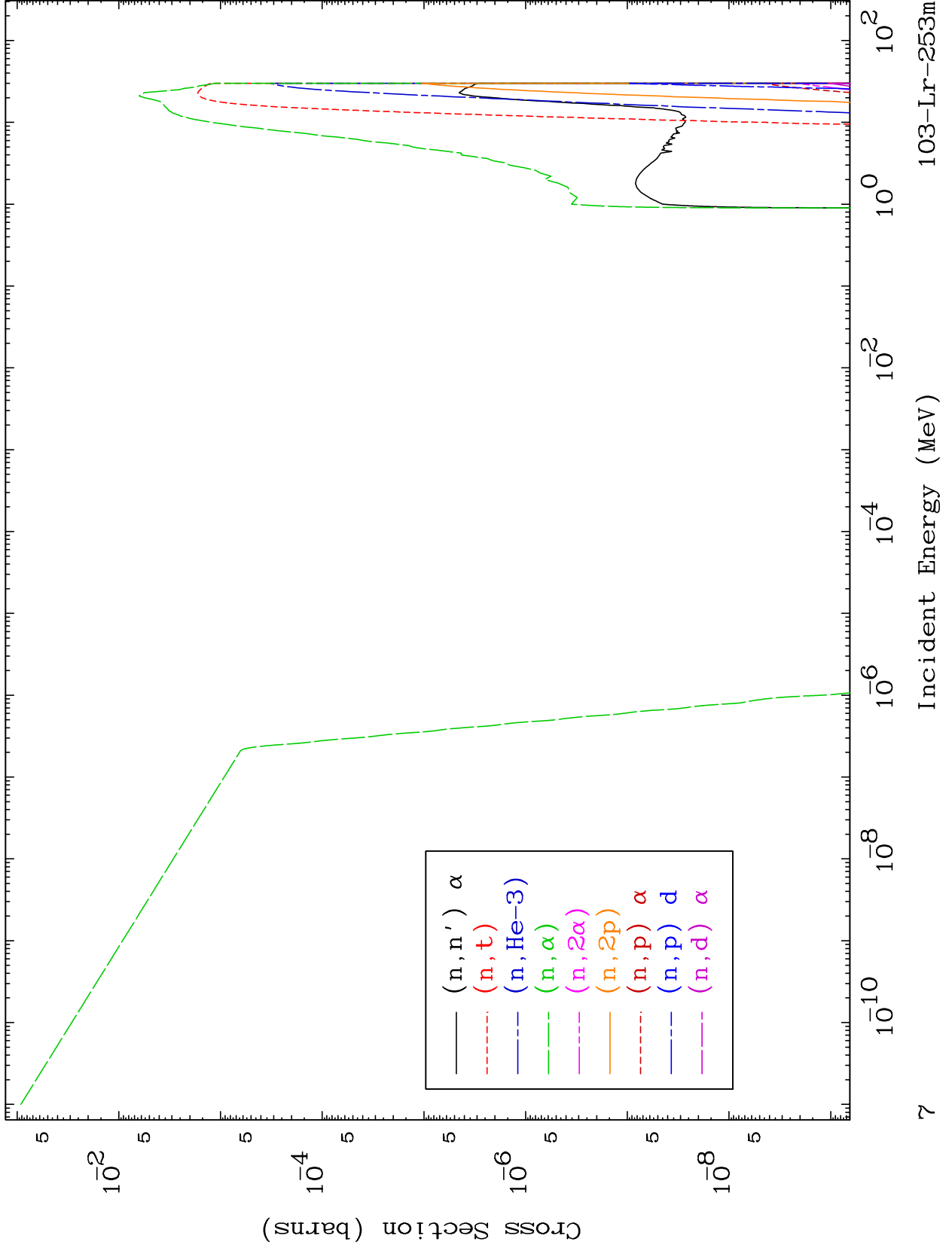
103-Lr-253m



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Charged Particle
293 Kelvin Cross Sections

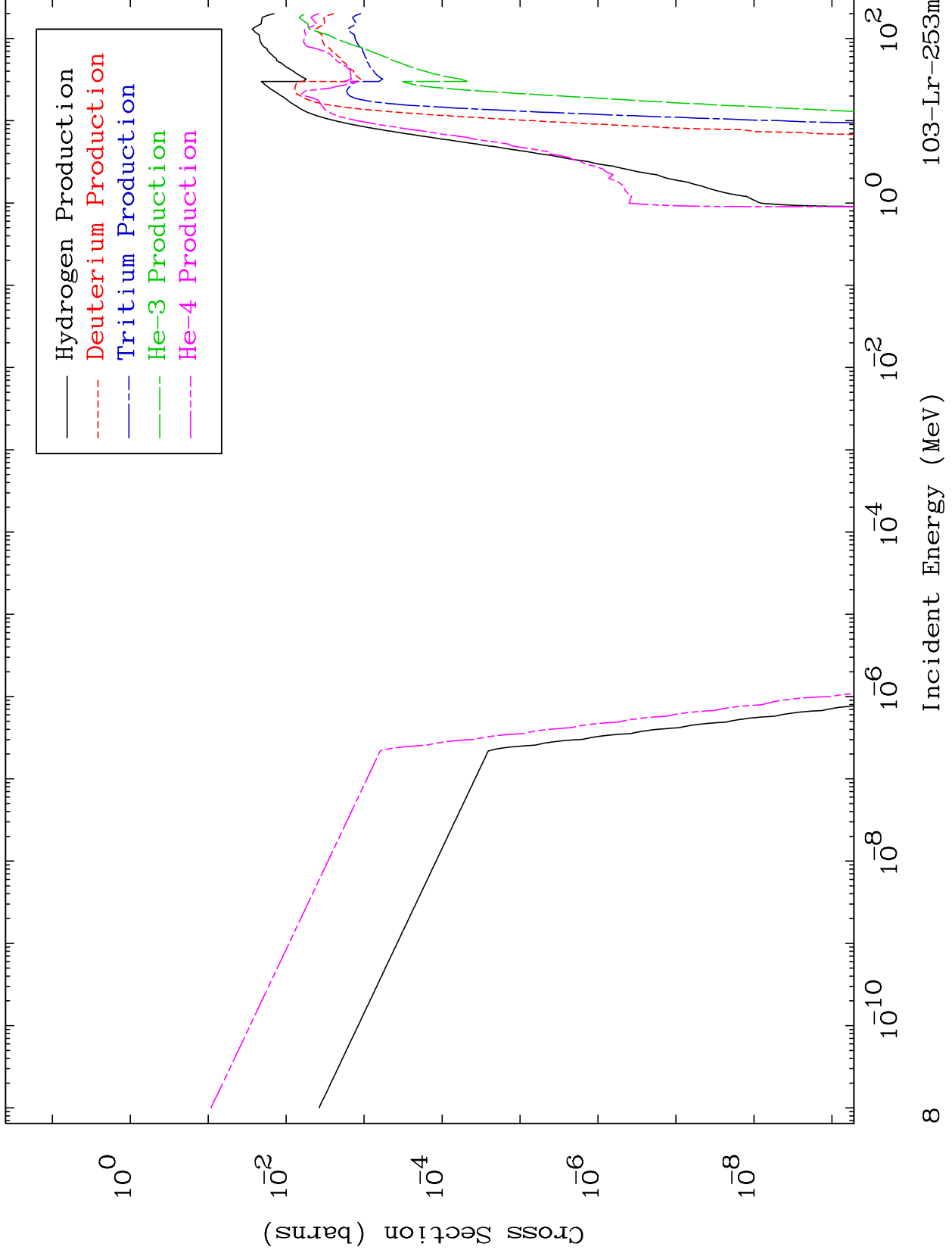
103-Lr-253m



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Particle Production
293 Kelvin Cross Sections

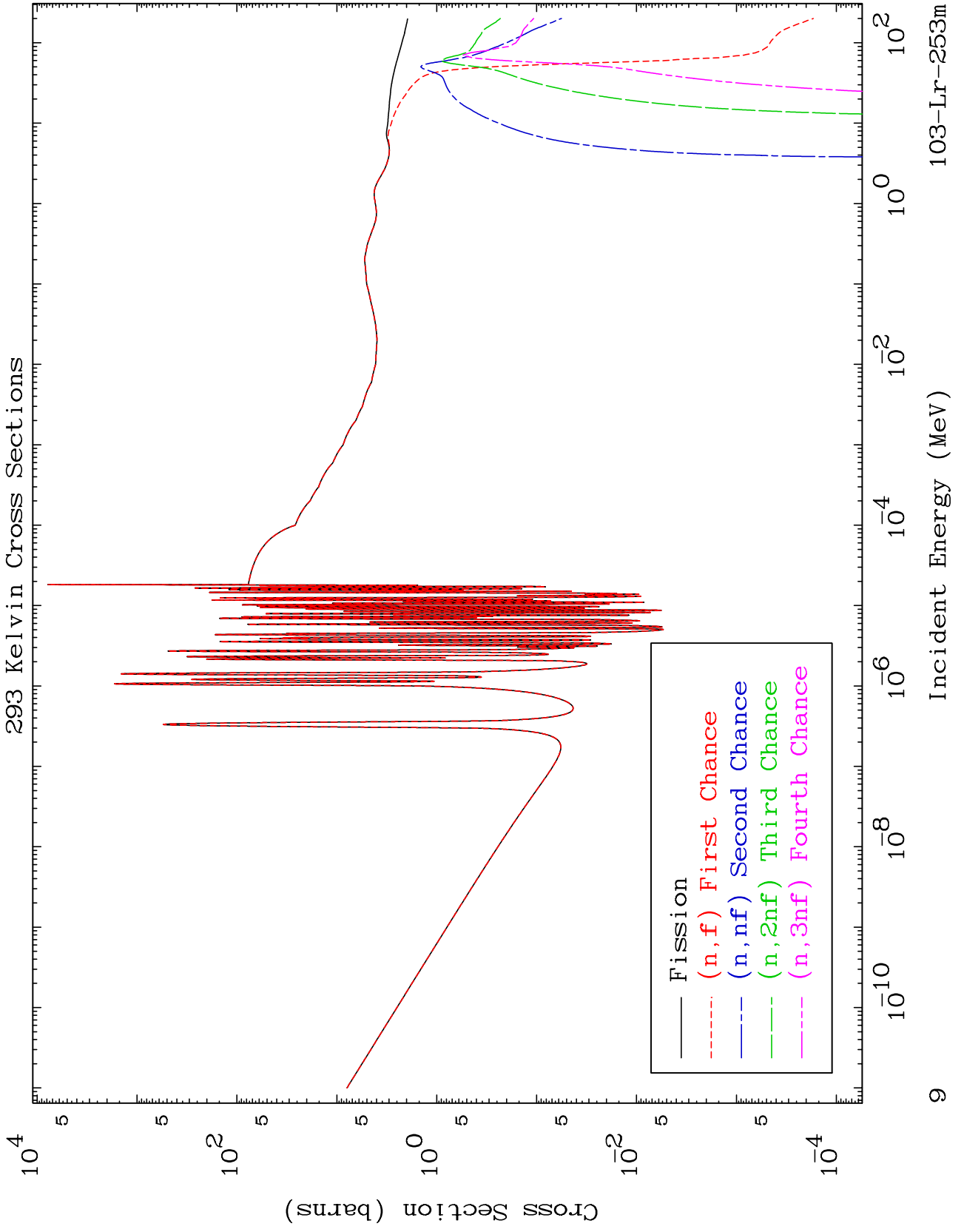
103-Lr-253m



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Fission
293 Kelvin Cross Sections

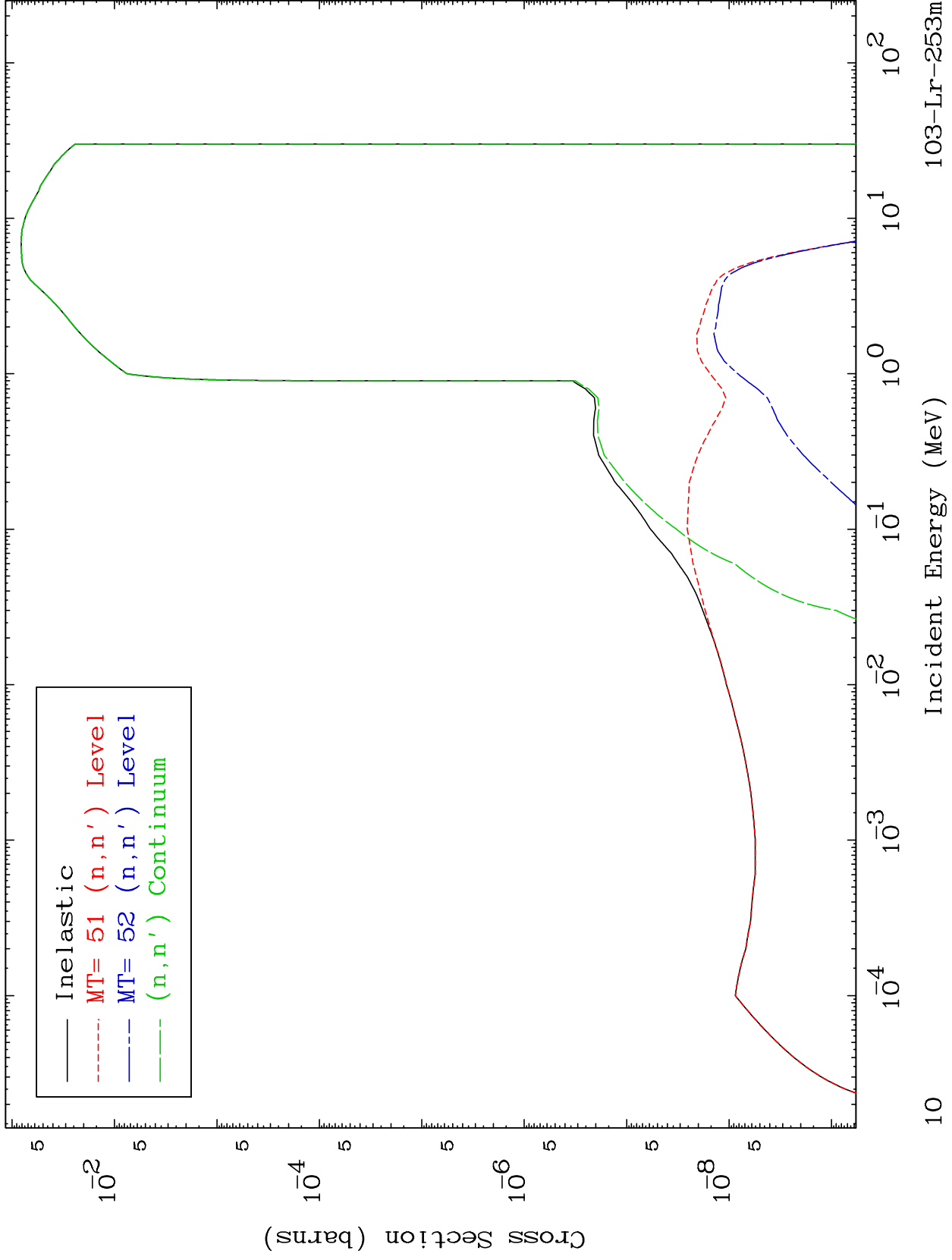
103-Lr-253m



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(n,n') Levels
293 Kelvin Cross Sections

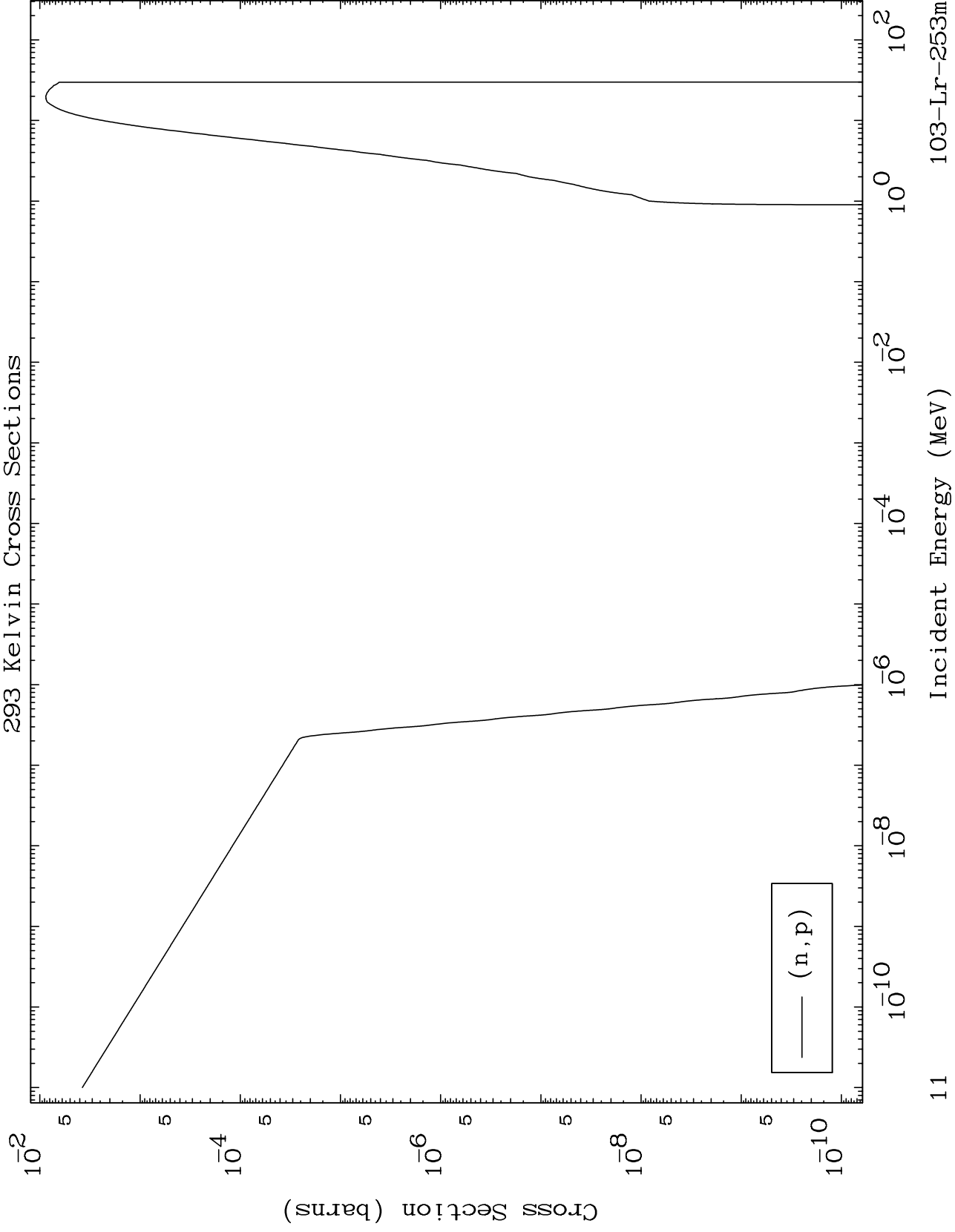
103-Lr-253m



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(n,p) Levels
293 Kelvin Cross Sections

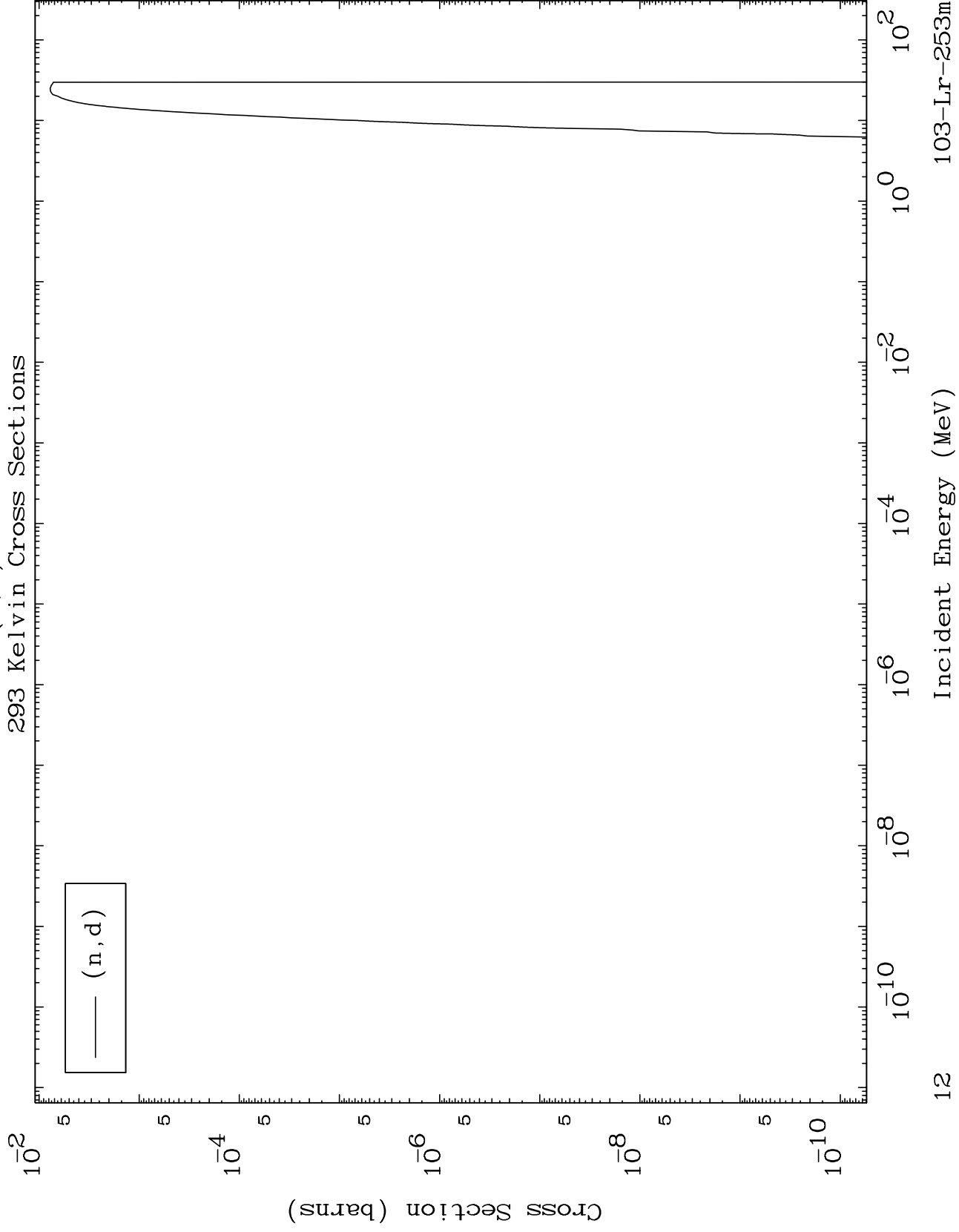
103-Lr-253m



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(n,d) Levels
293 Kelvin Cross Sections

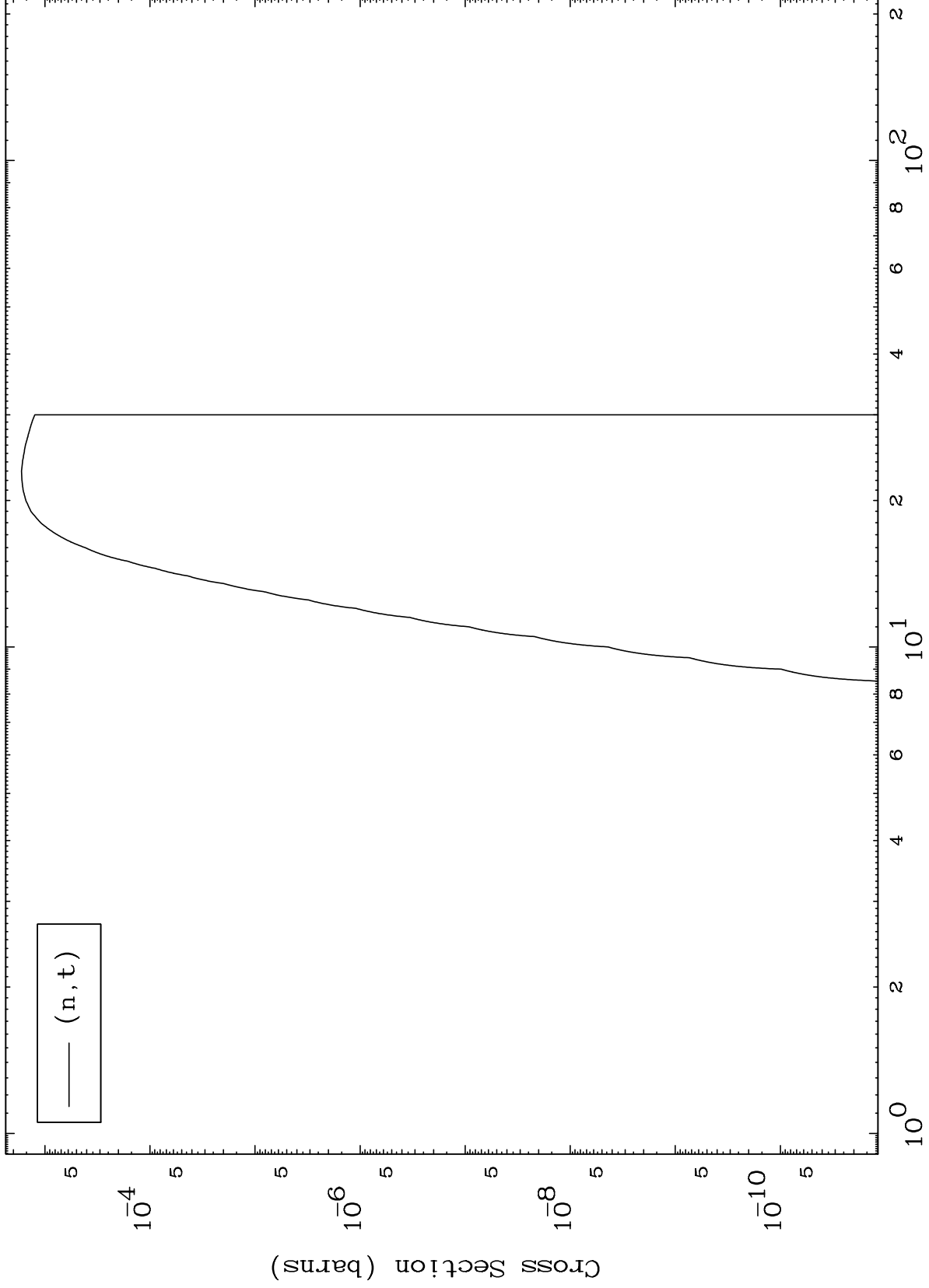
103-Lr-253m



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(n,t) Levels
293 Kelvin Cross Sections

103-Lr-253m



13

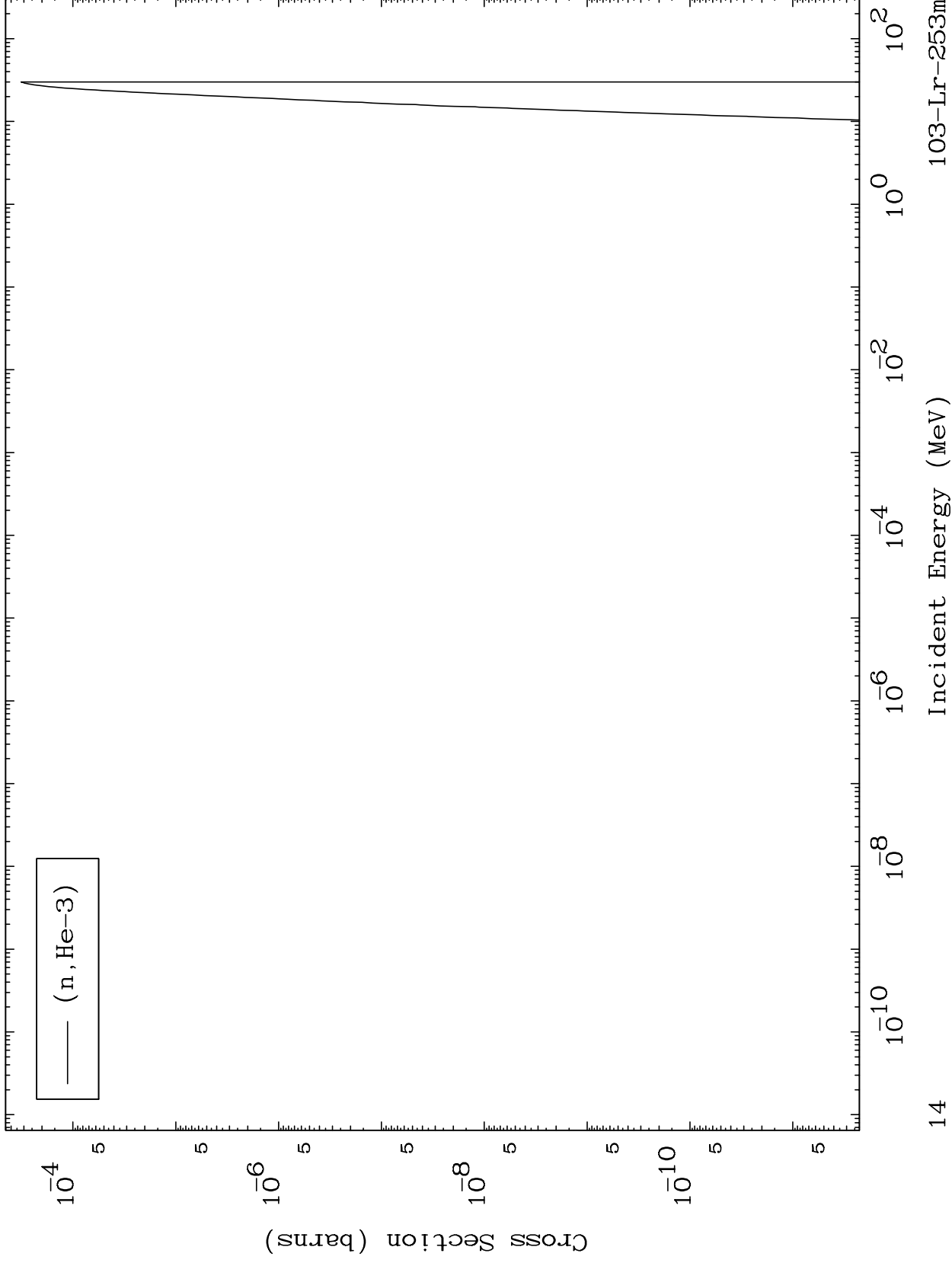
Incident Energy (MeV)

103-Lr-253m

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(n,He3) Levels
293 Kelvin Cross Sections

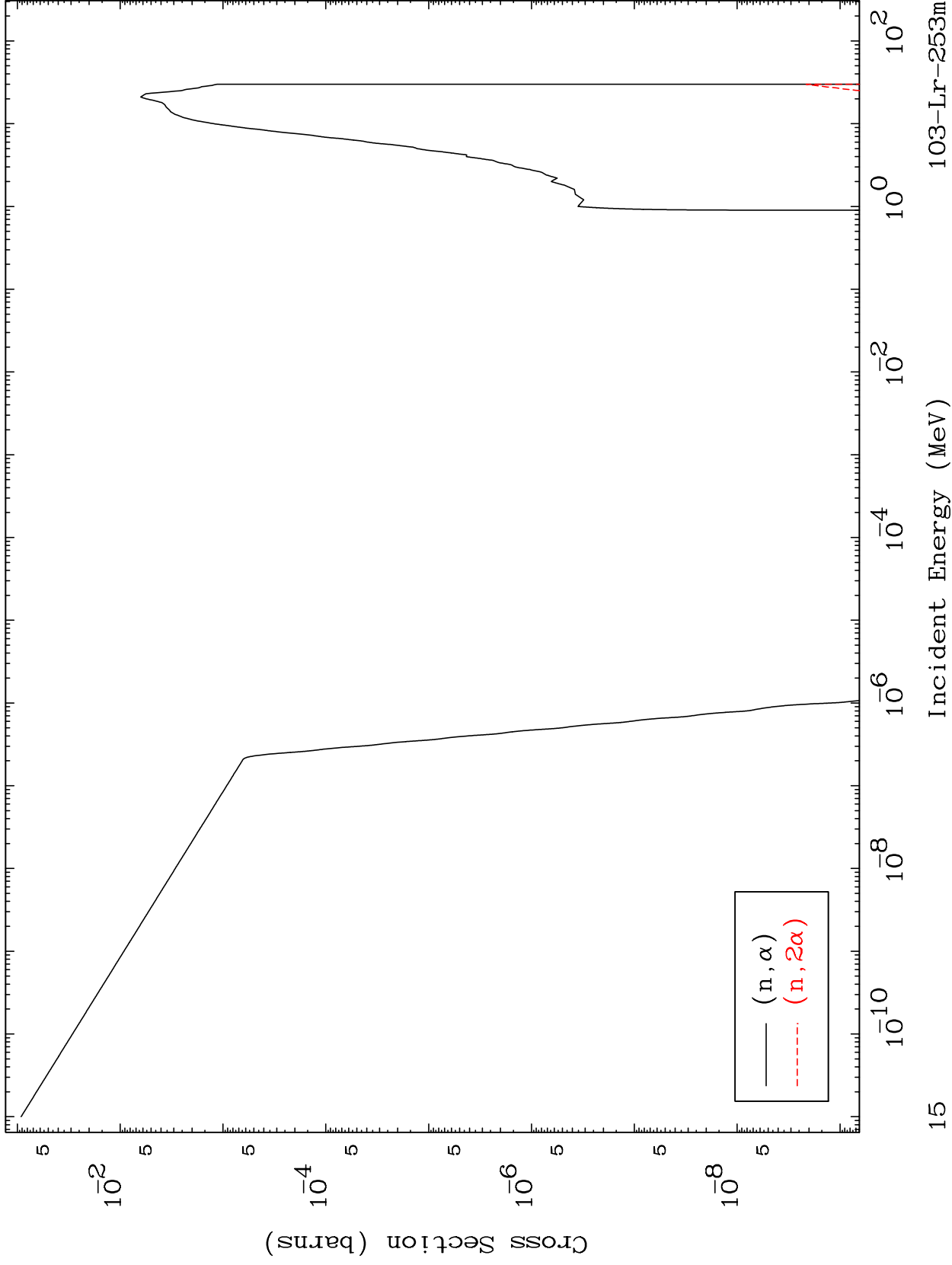
103-Lr-253m



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(n, α) Levels
293 Kelvin Cross Sections

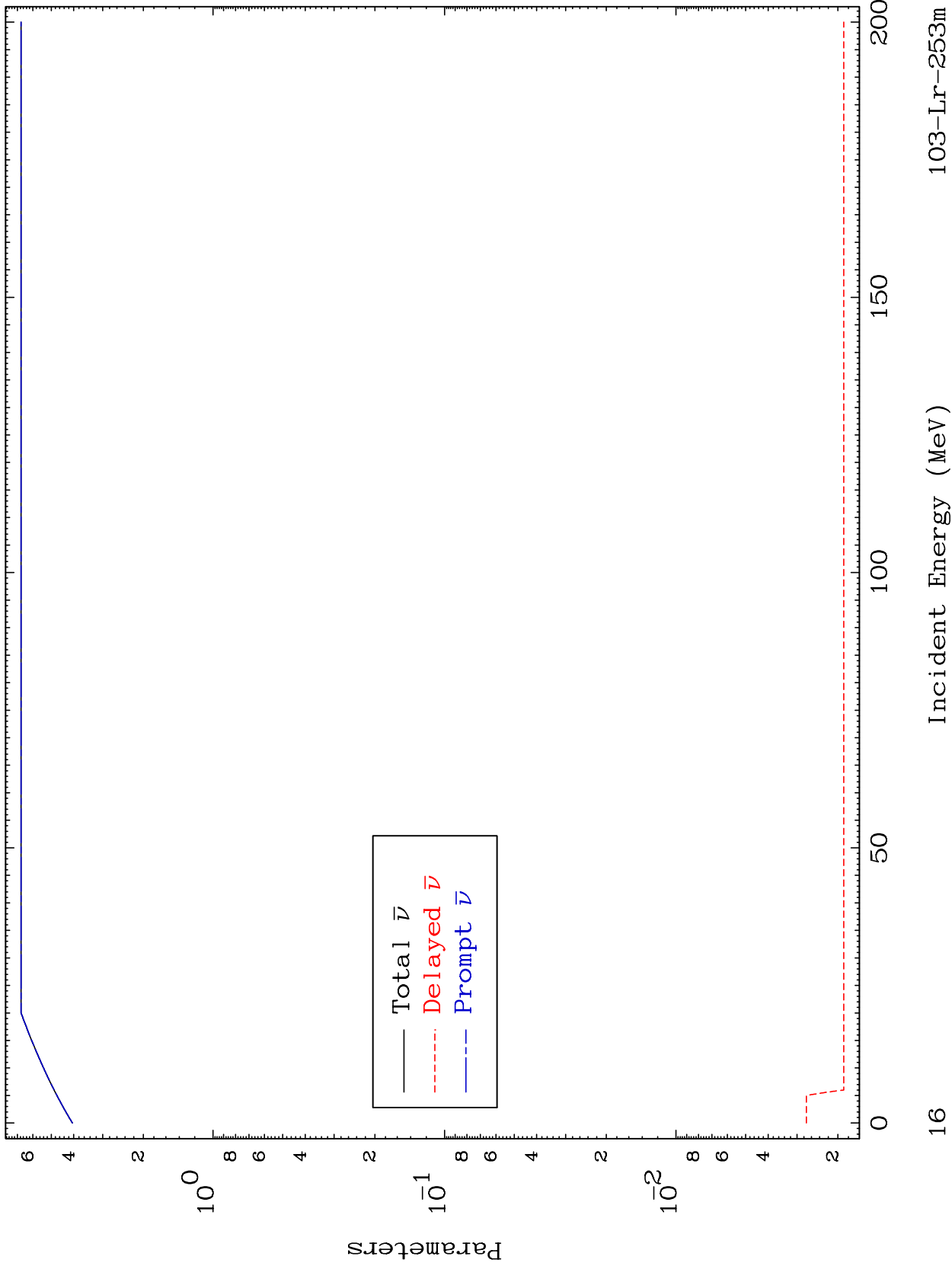
103-Lr-253m



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Energy Release
Parameters

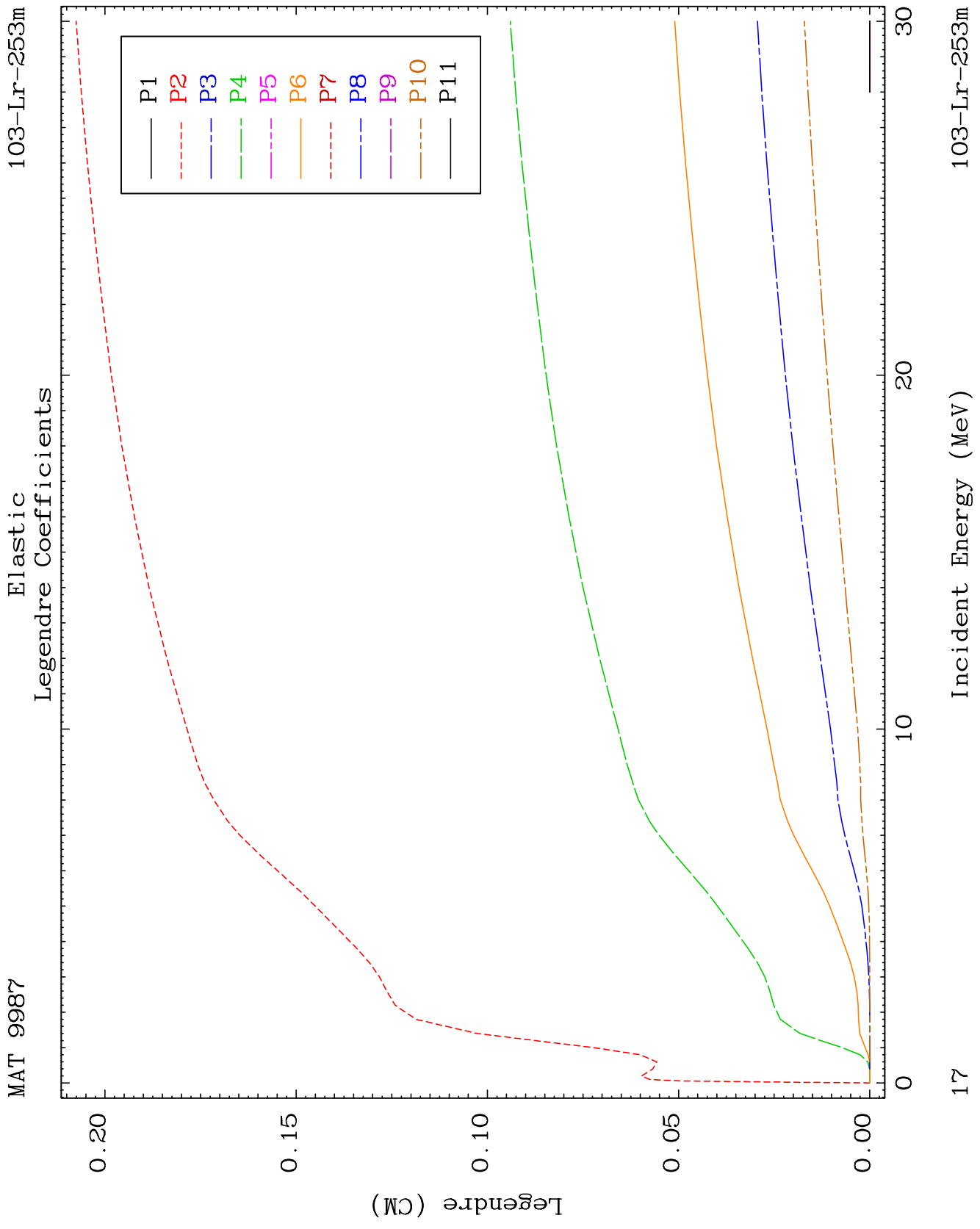
103-Lr-253m



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Incident Energy (MeV)

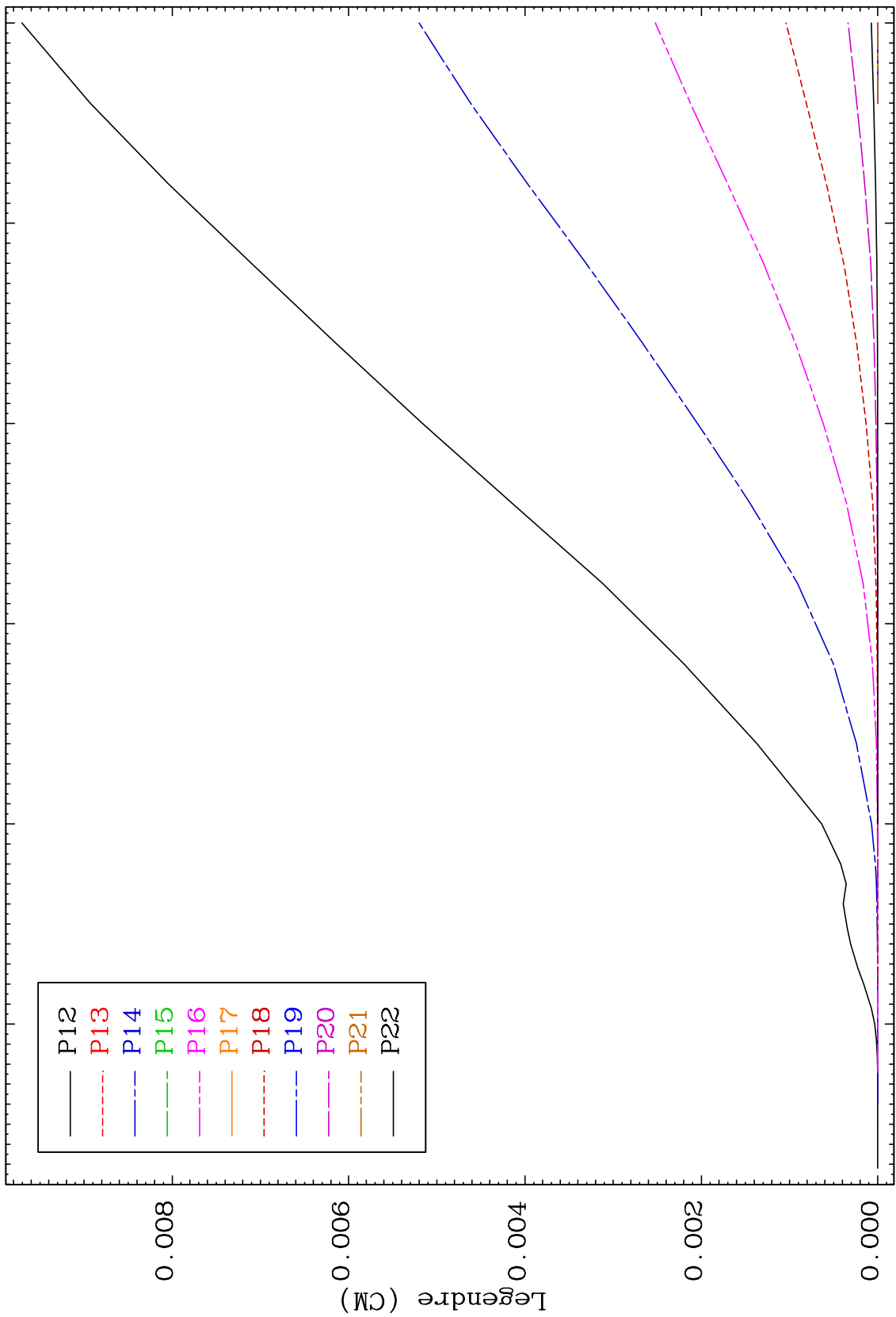
103-Lr-253m



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Elastic Legendre Coefficients

103-Lr-253m



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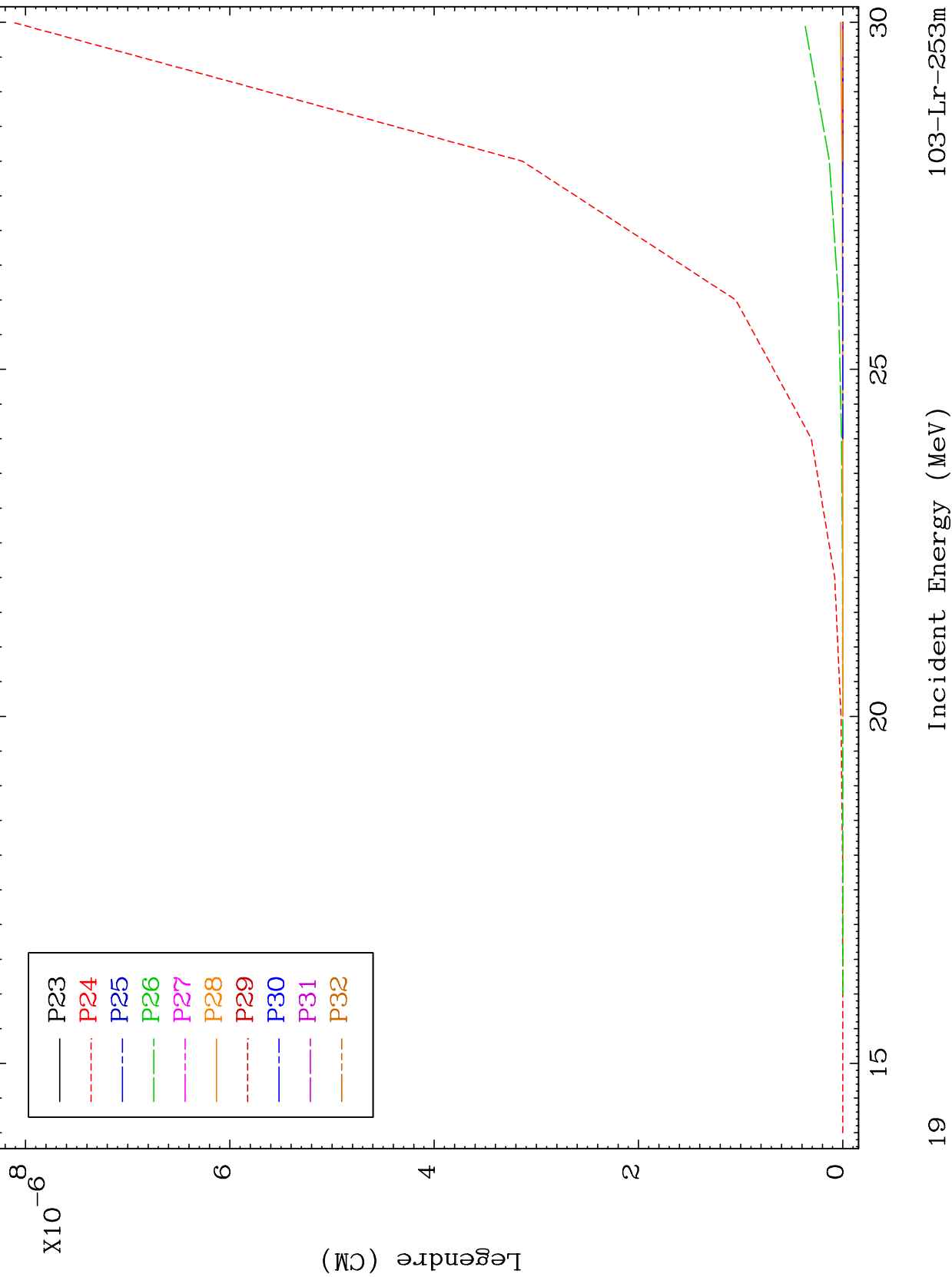
103-Lr-253m

Incident Energy (MeV)

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Elastic Legendre Coefficients

103-Lr-253m



19

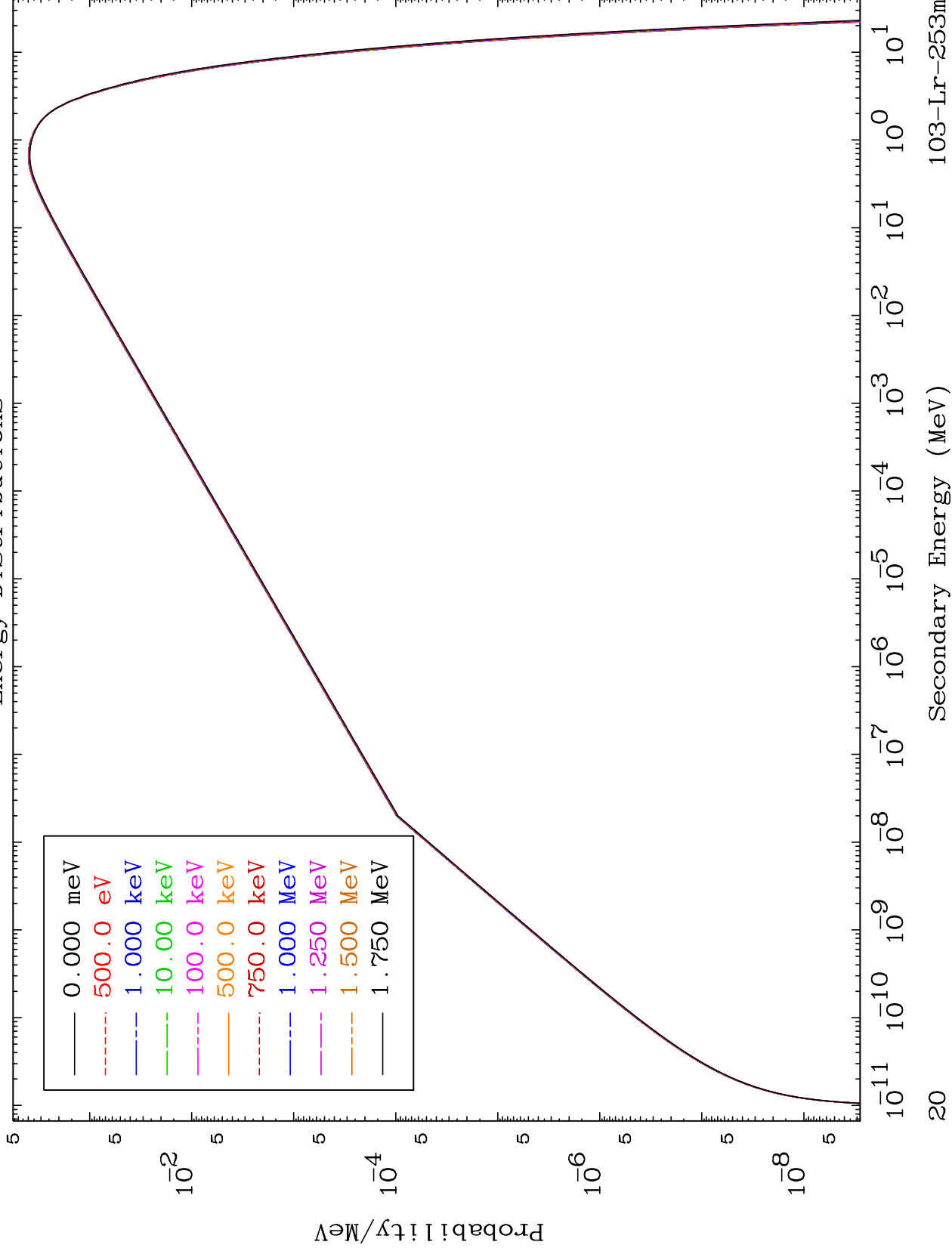
Incident Energy (MeV)

103-Lr-253m

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Fission Energy Distributions

¹⁰³Lr-253m

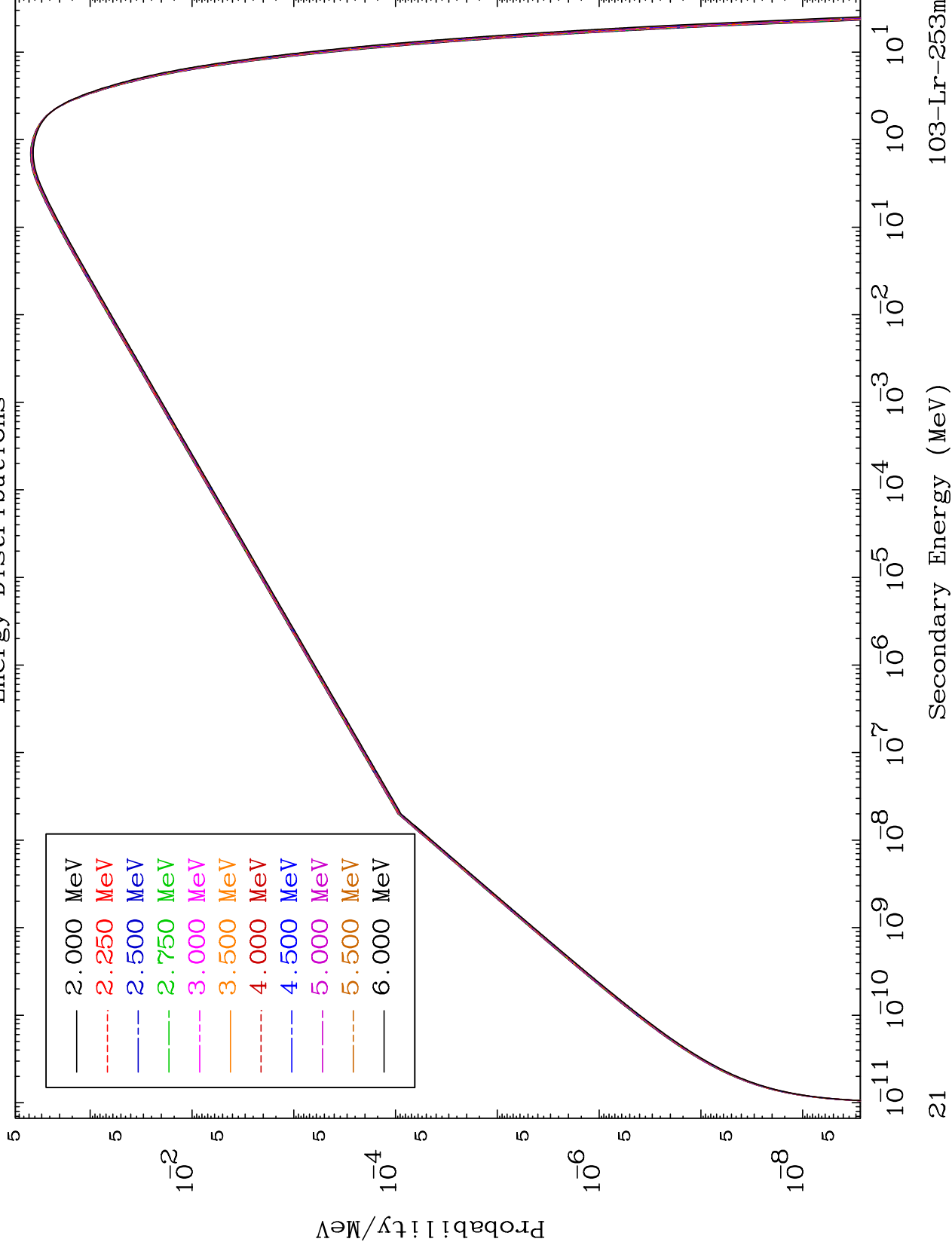


¹⁰³Lr-253m

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Fission
Energy Distributions

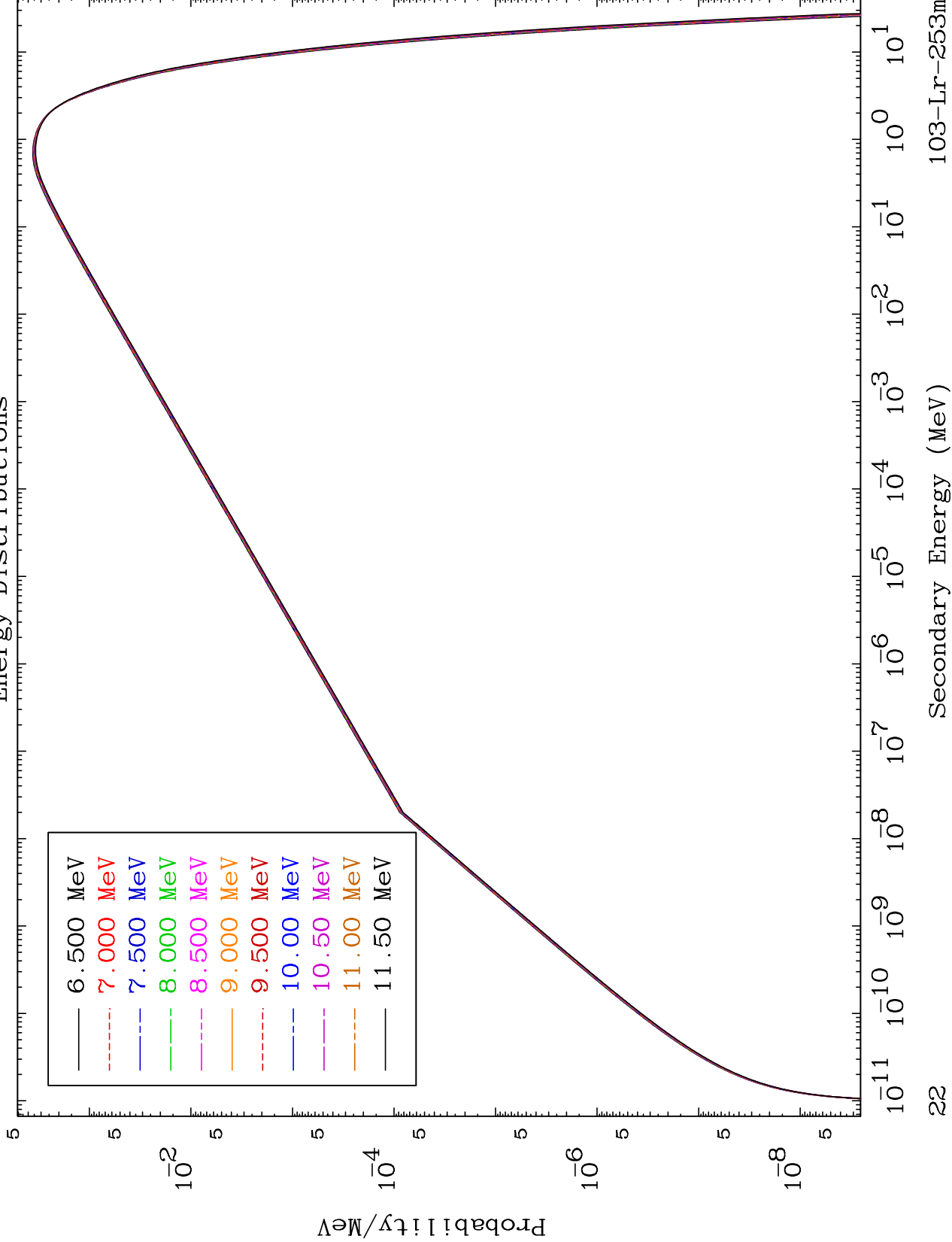
$^{103}\text{Lr-253m}$



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Fission
Energy Distributions

$^{103}\text{Lr-253m}$



$^{103}\text{Lr-253m}$

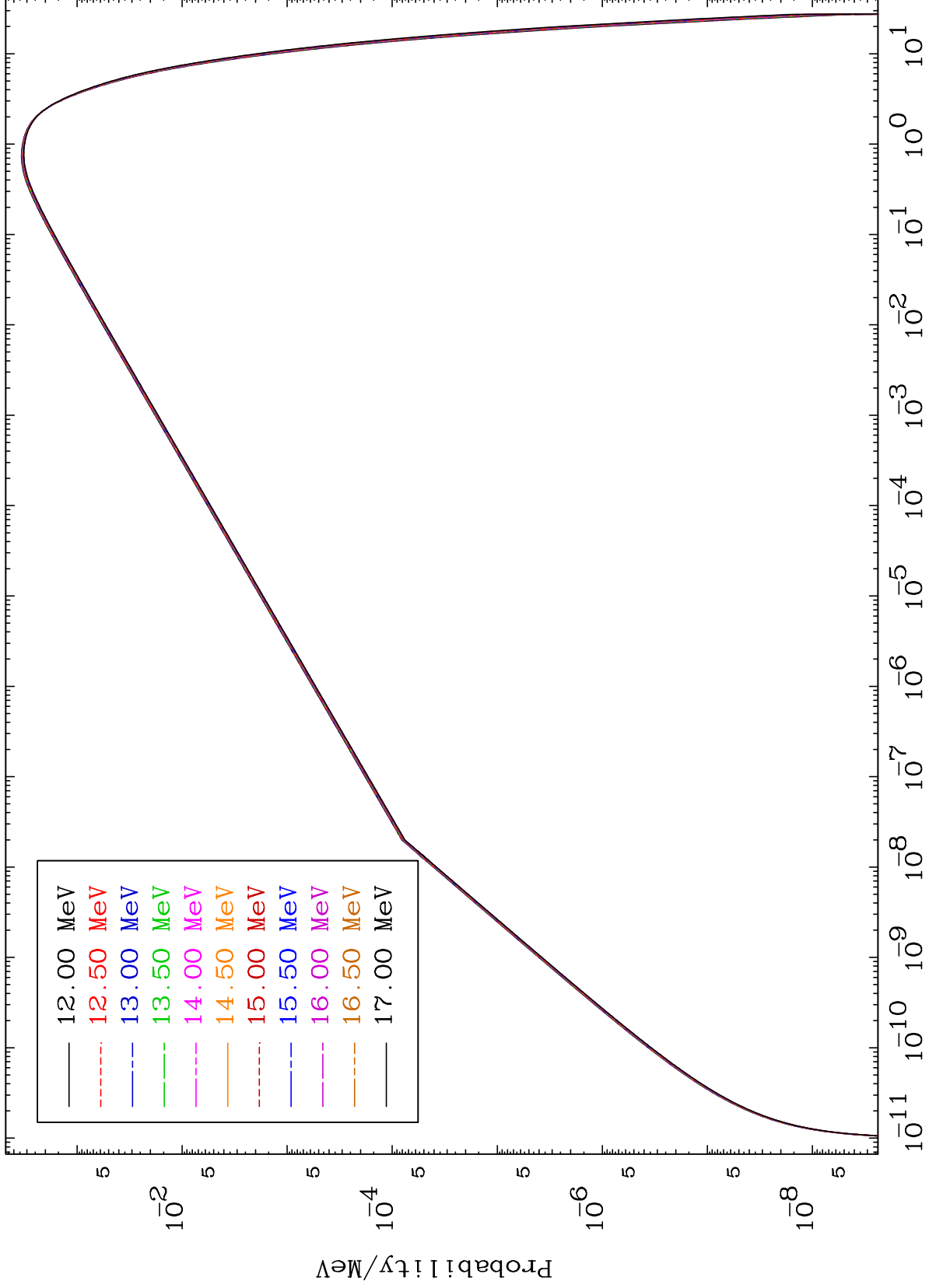
Secondary Energy (MeV)

22

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Fission
Energy Distributions

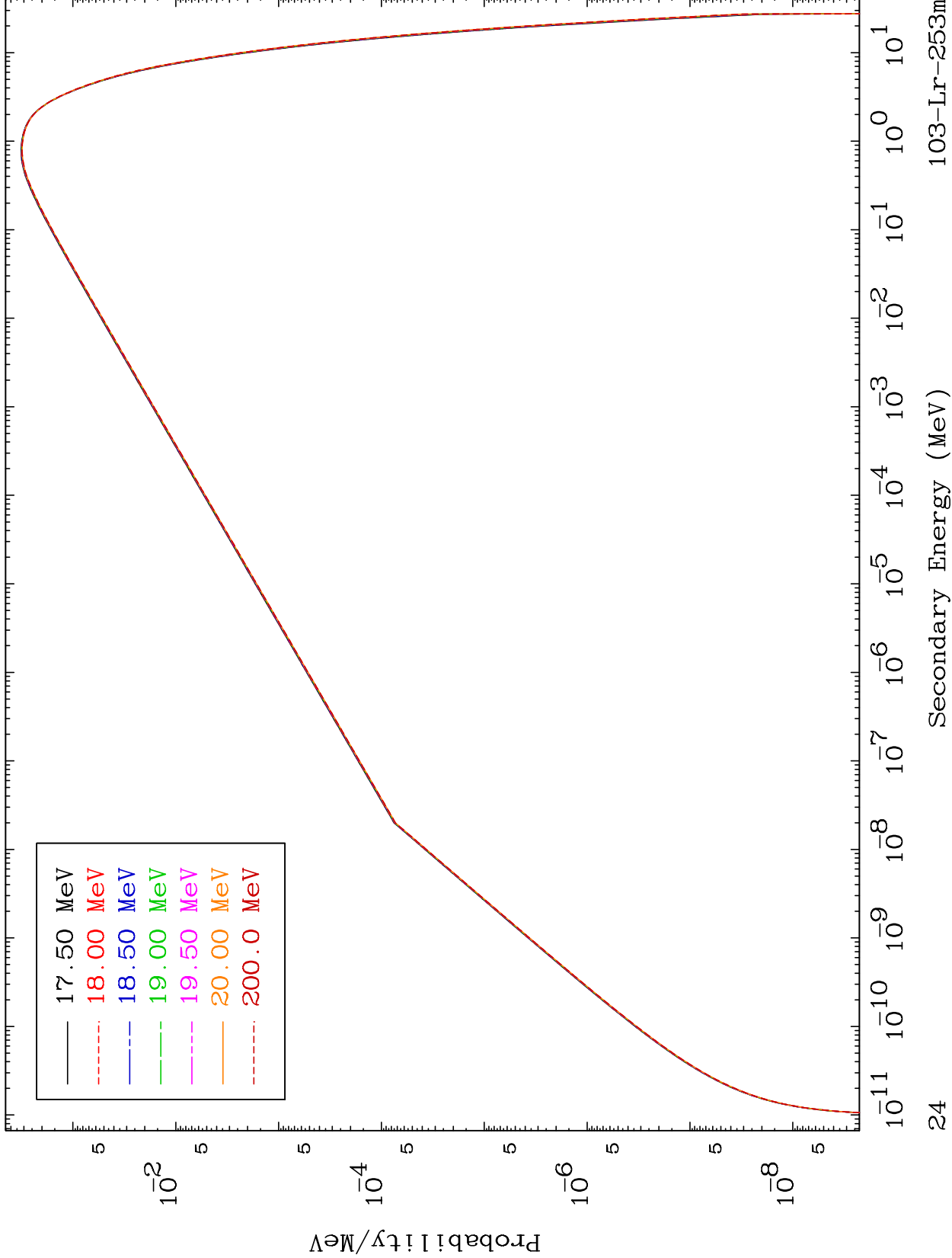
103-Lr-253m



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Fission Energy Distributions

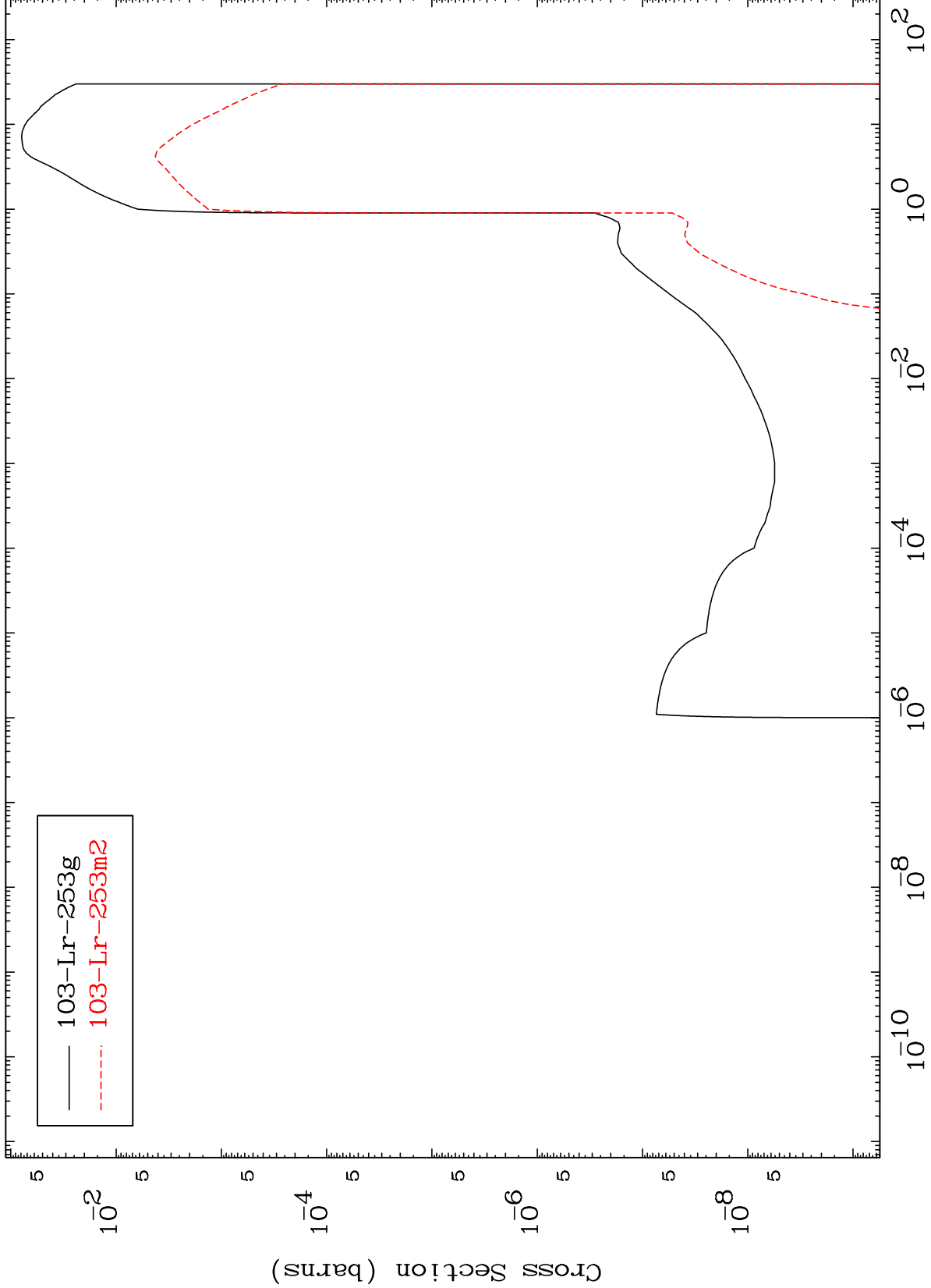
103-Lr-253m



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Inelastic
Radionuclide Production Cross Section

103-Lr-253m



— 103-Lr-253g
- - - 103-Lr-253m2

Incident Energy (MeV)

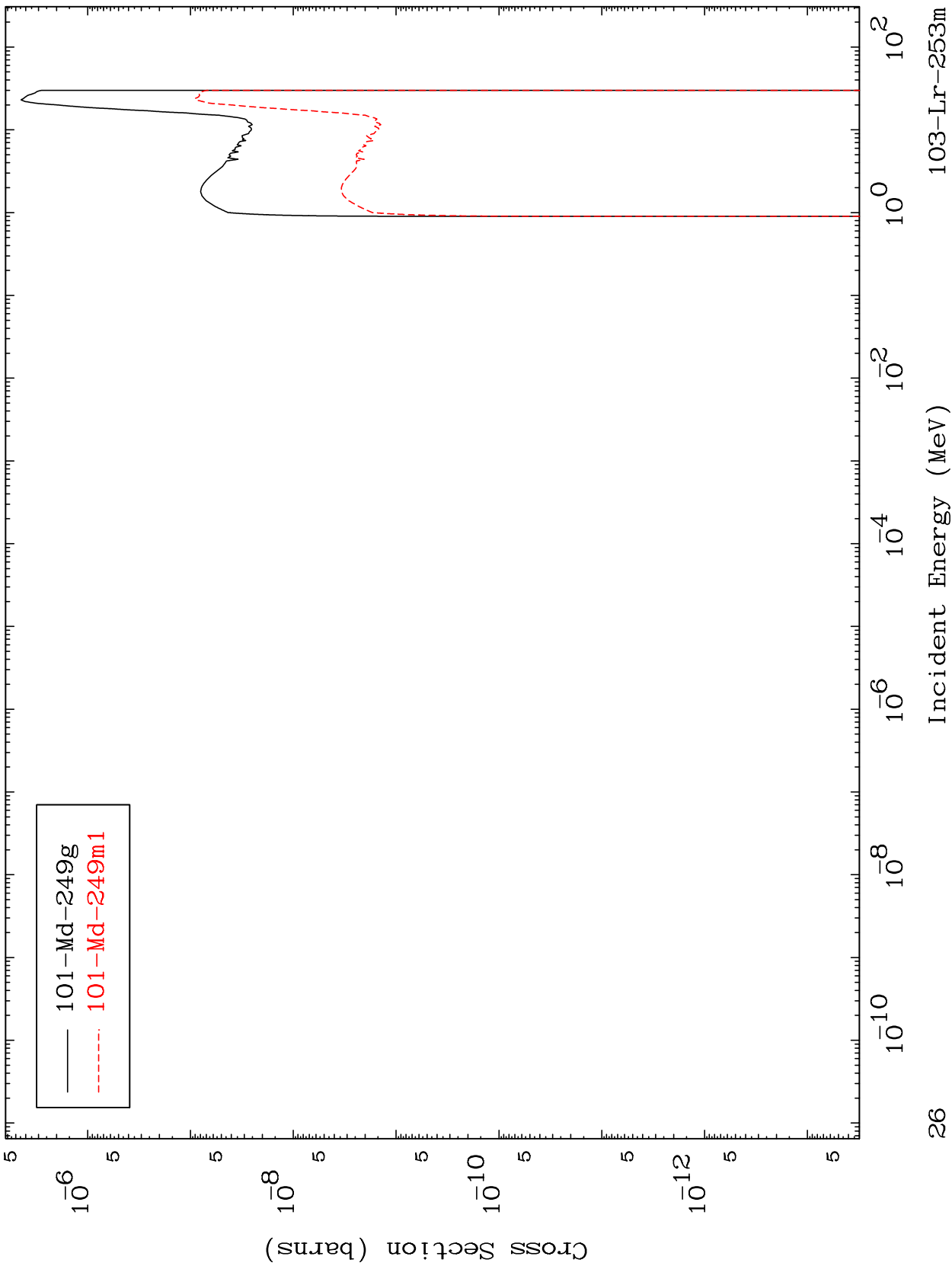
103-Lr-253m

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$(n, n') \alpha$

103-Lr-253m

Radionuclide Production Cross Section

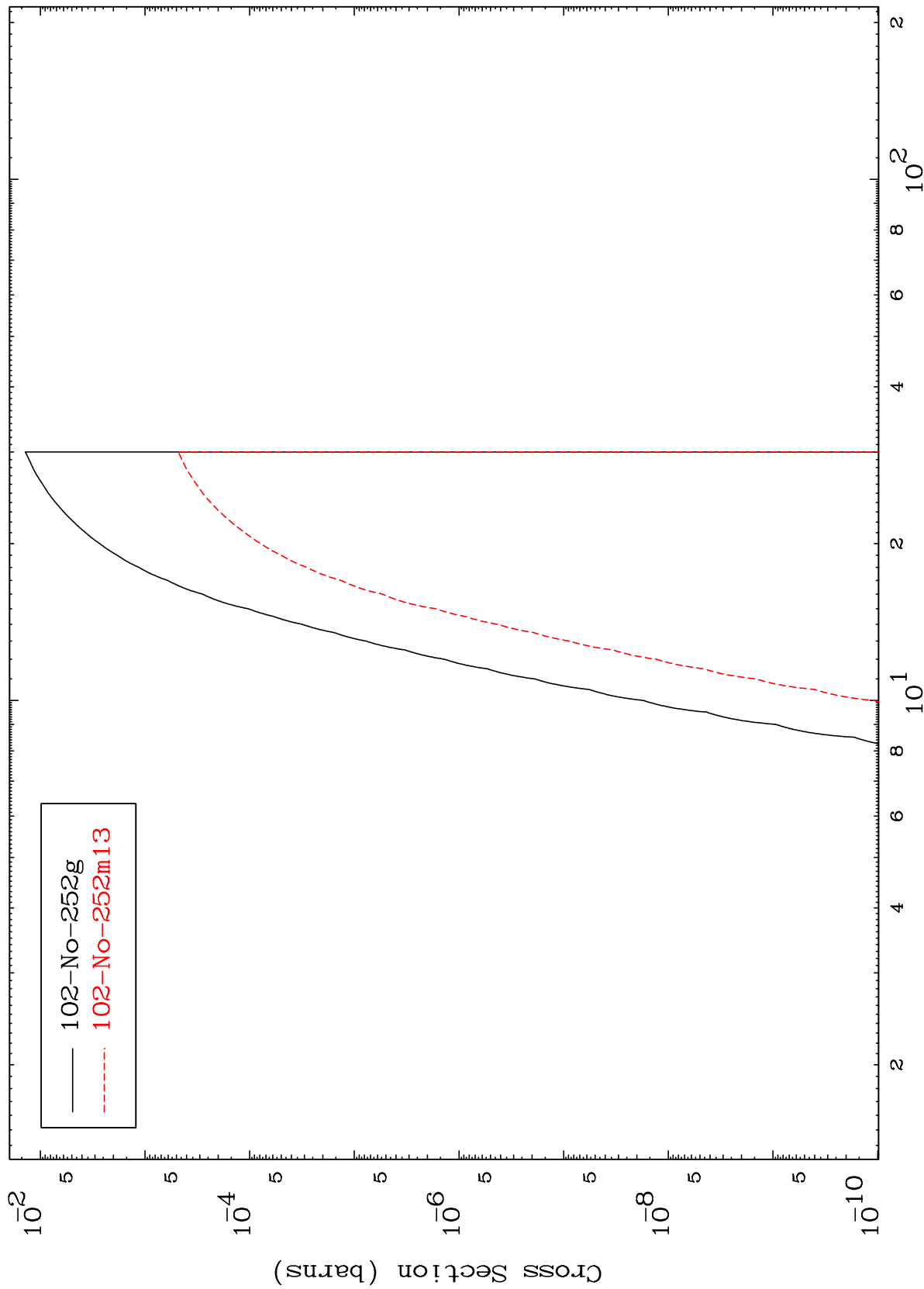


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(n,n') p

103-Lr-253m

Radionuclide Production Cross Section

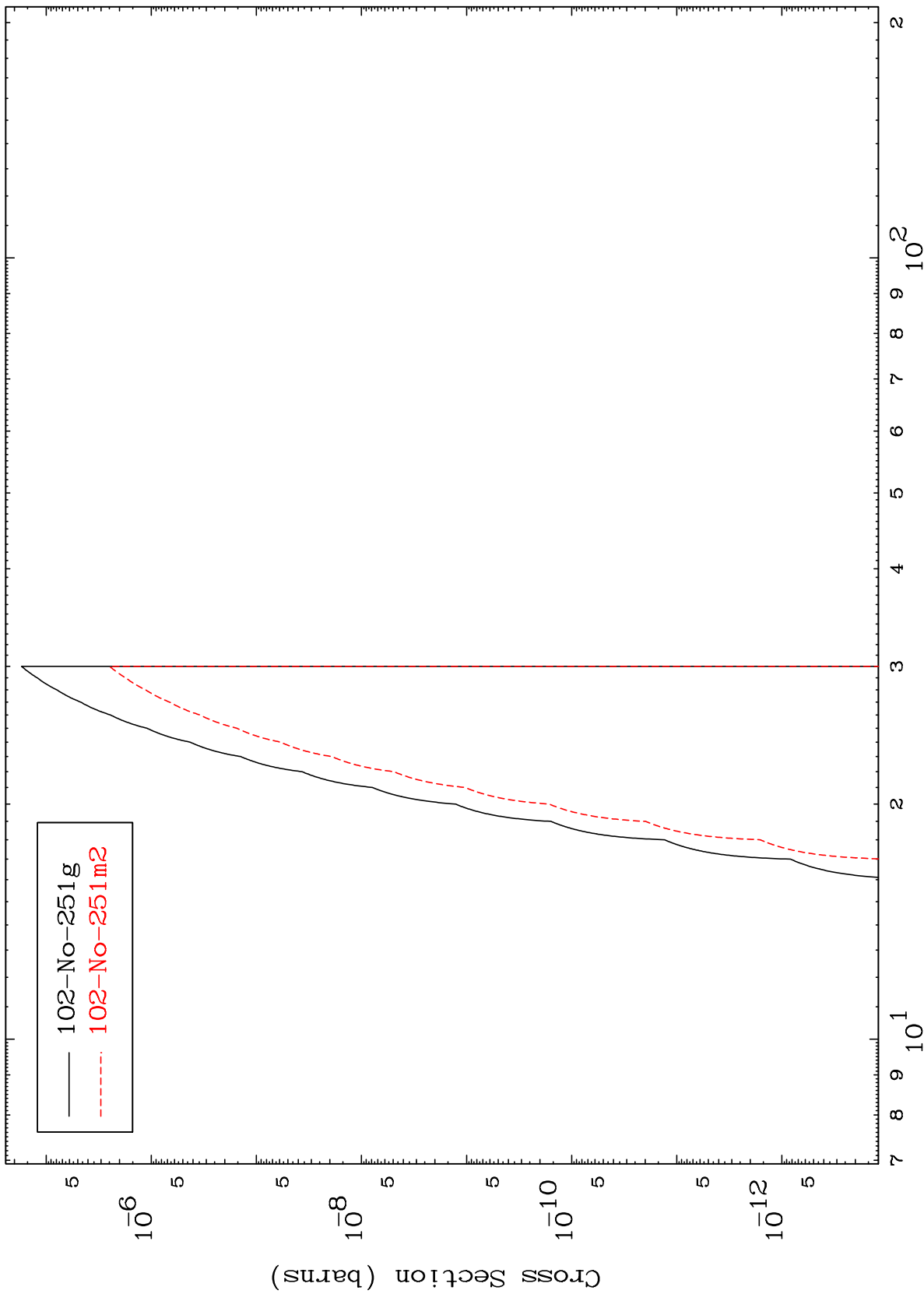


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(n,n') d

103-Lr-253m

Radionuclide Production Cross Section

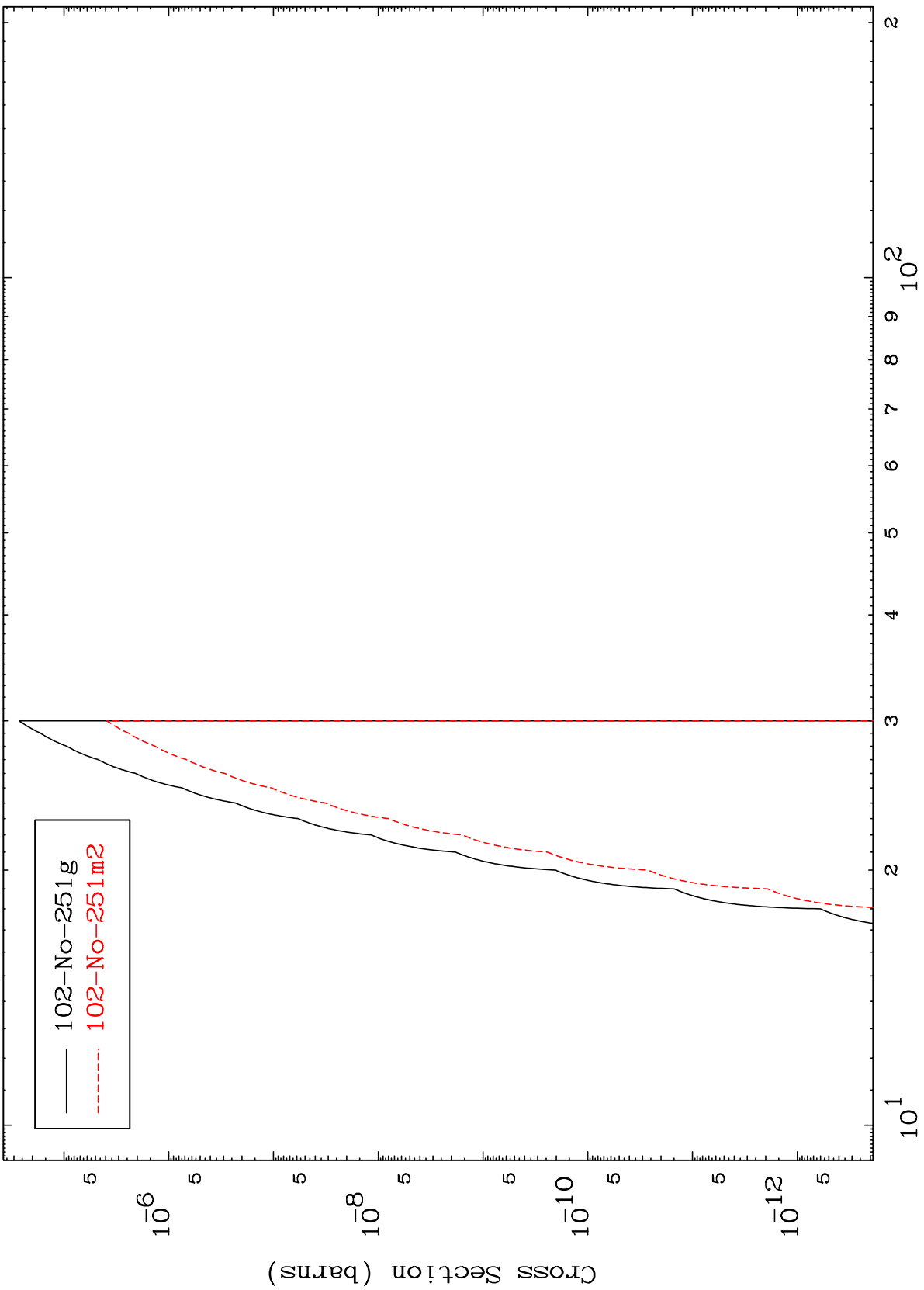


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(n,2n) p

103-Lr-253m

Radionuclide Production Cross Section



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Incident Energy (MeV)

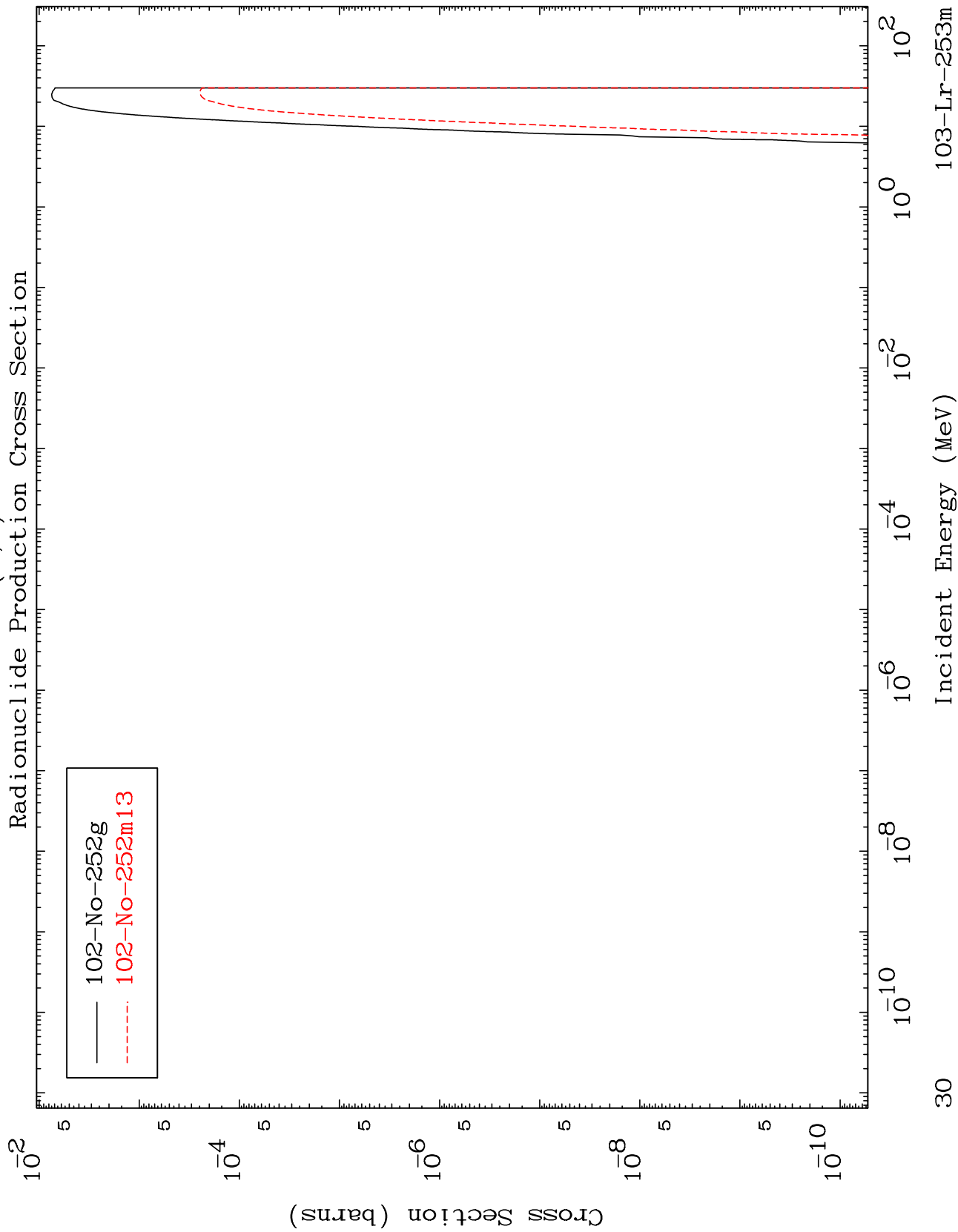
103-Lr-253m

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(n,d)

103-Lr-253m

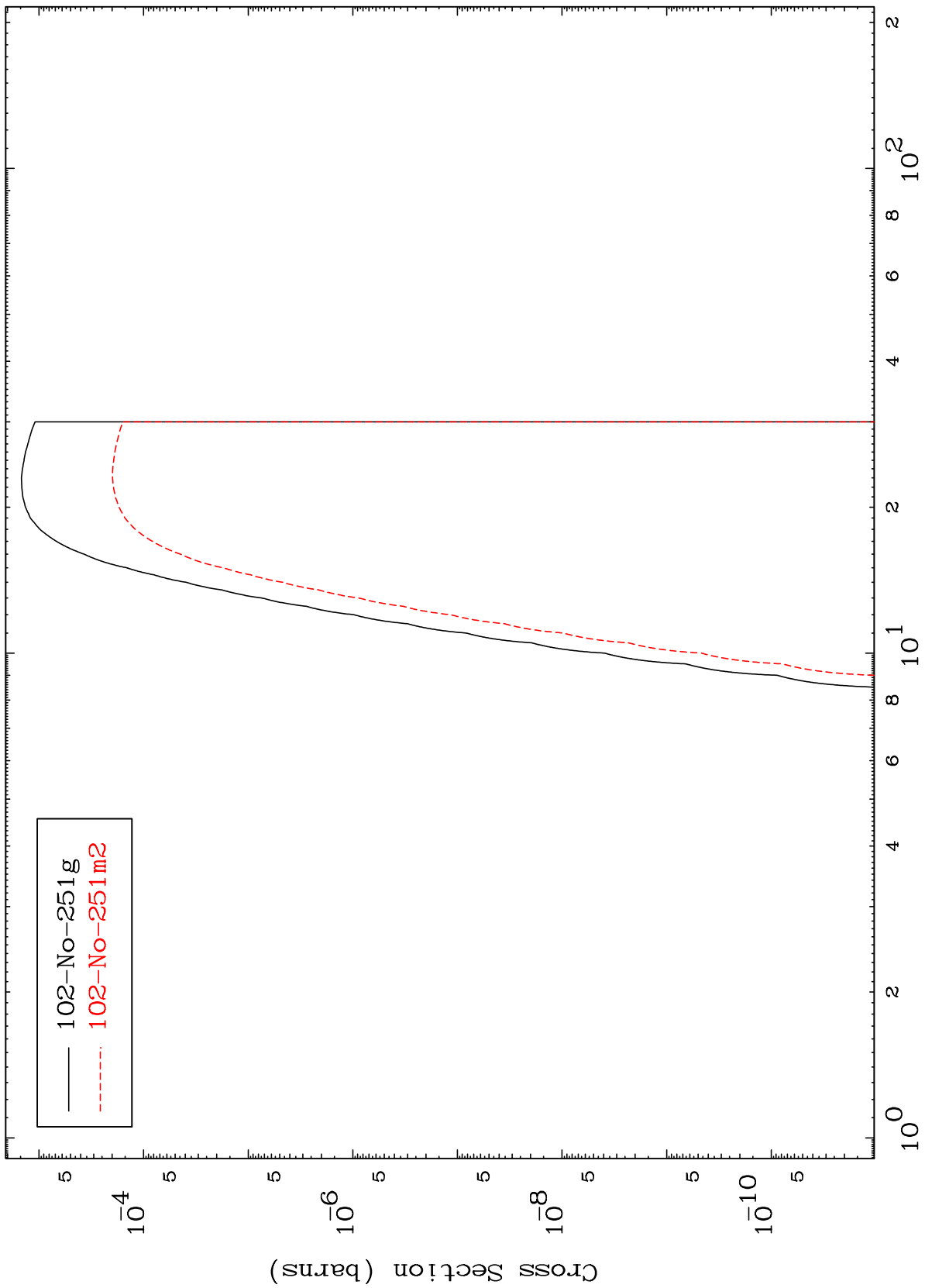
Radionuclide Production Cross Section



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103-Lr-253m

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

103-Lr-253m

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