

Program EVALPLOT
(Version 2021-1)

by

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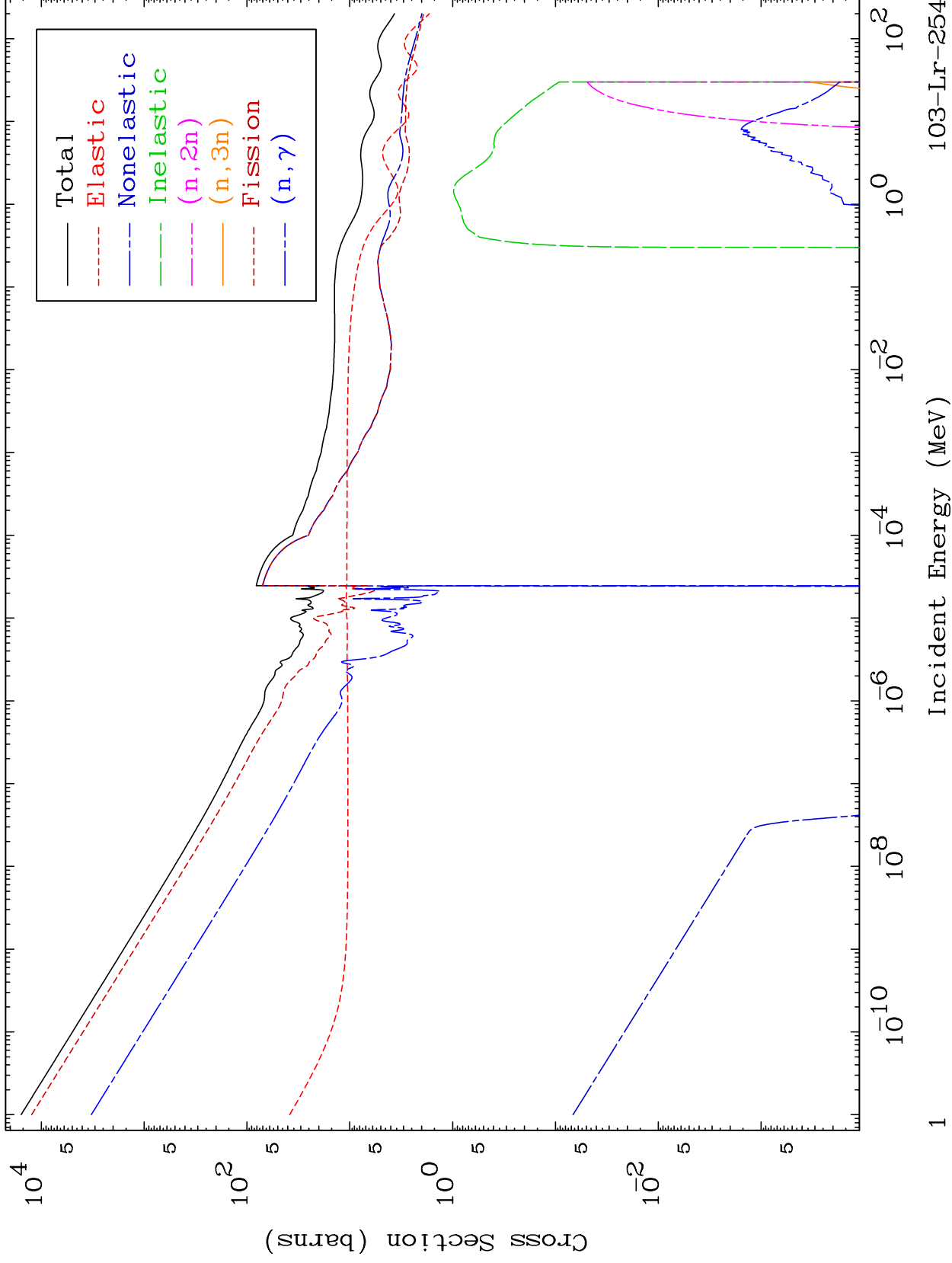
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9983

Neutron Major
293 Kelvin Cross Sections

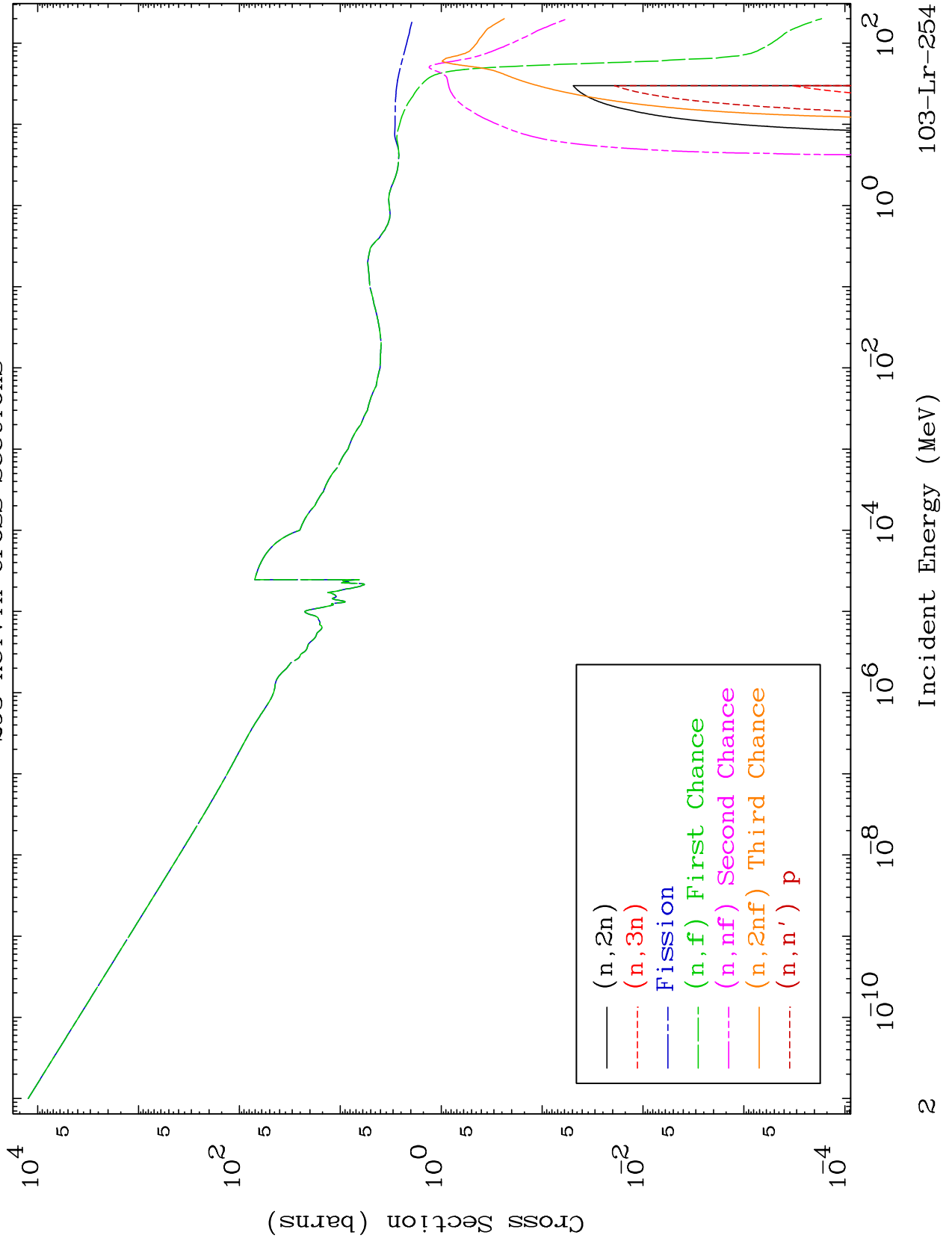
103-Lr-254



MAT 9983

Neutron Absorption
293 Kelvin Cross Sections

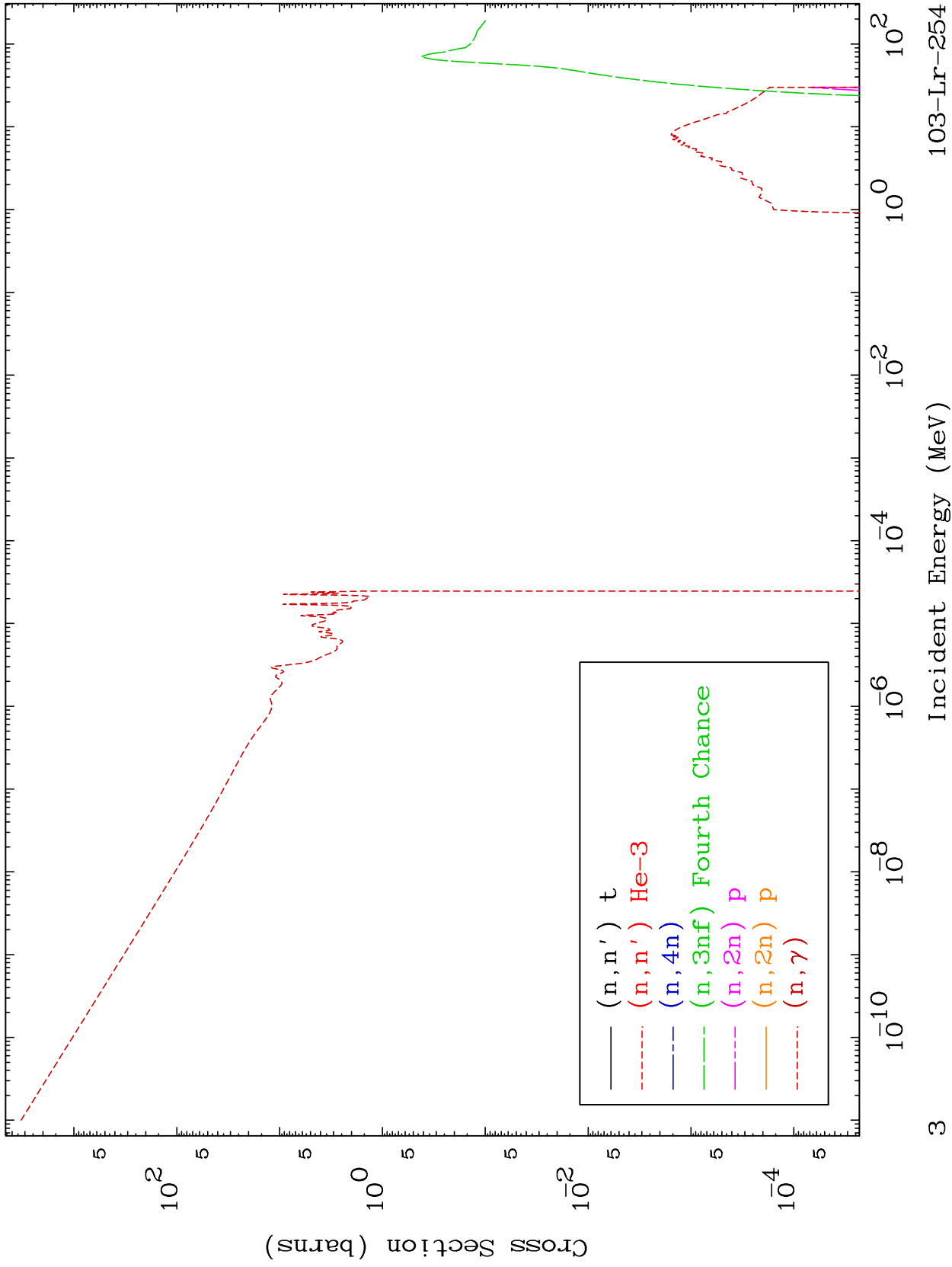
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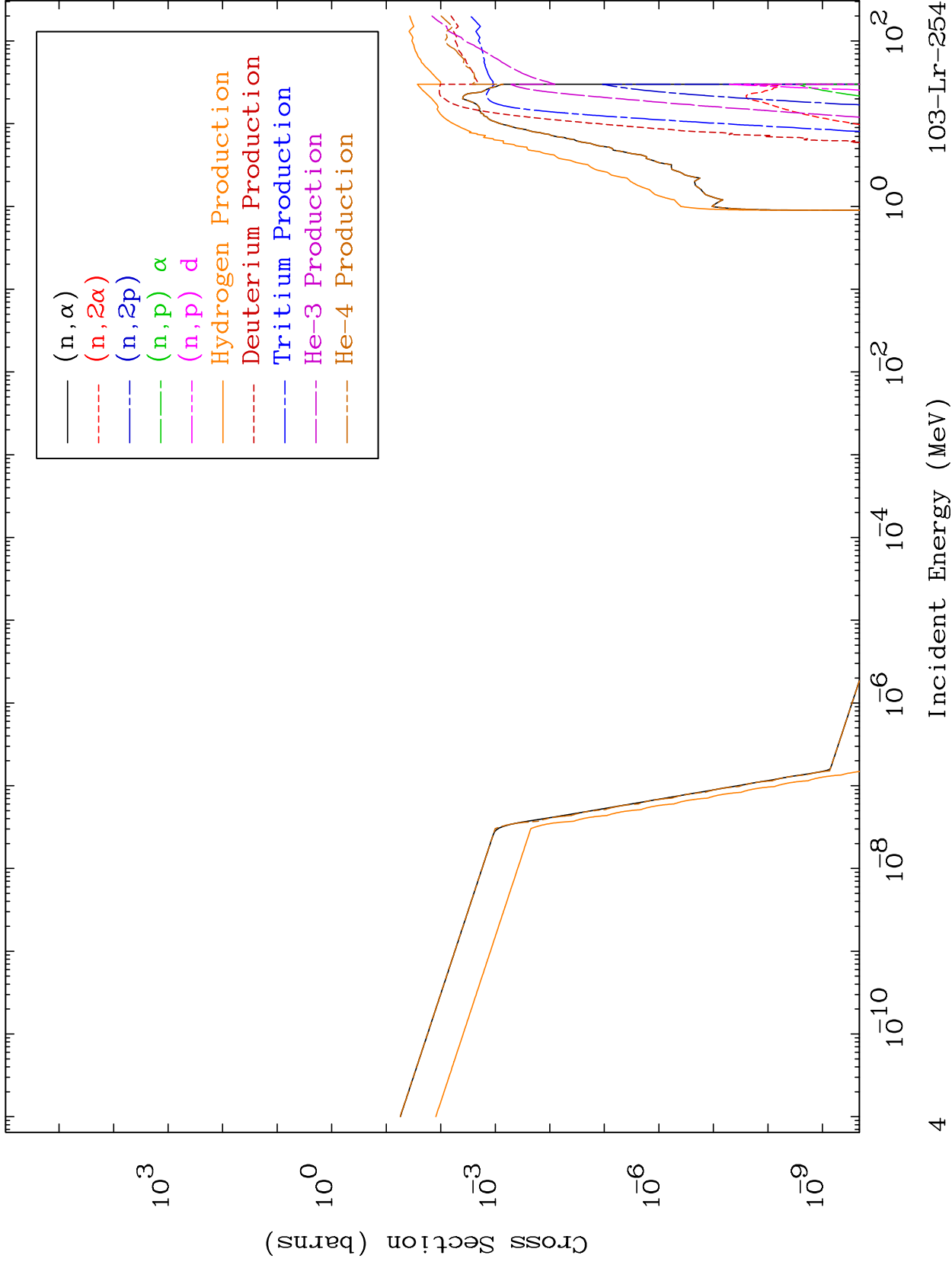


MAT 9983

Neutron Absorption
293 Kelvin Cross Sections

103-Lr-254

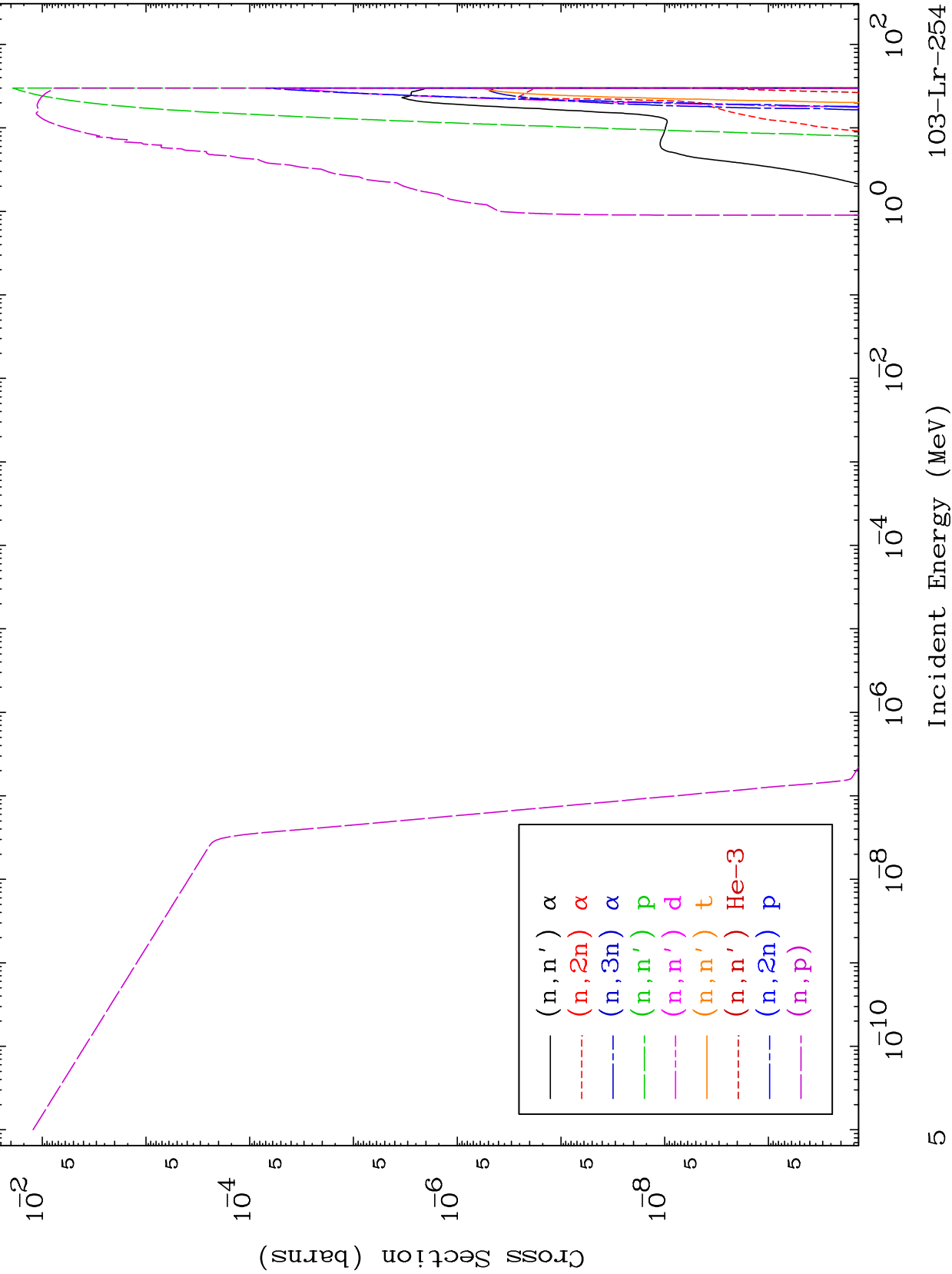




MAT 9983

Charged Particle
293 Kelvin Cross Sections

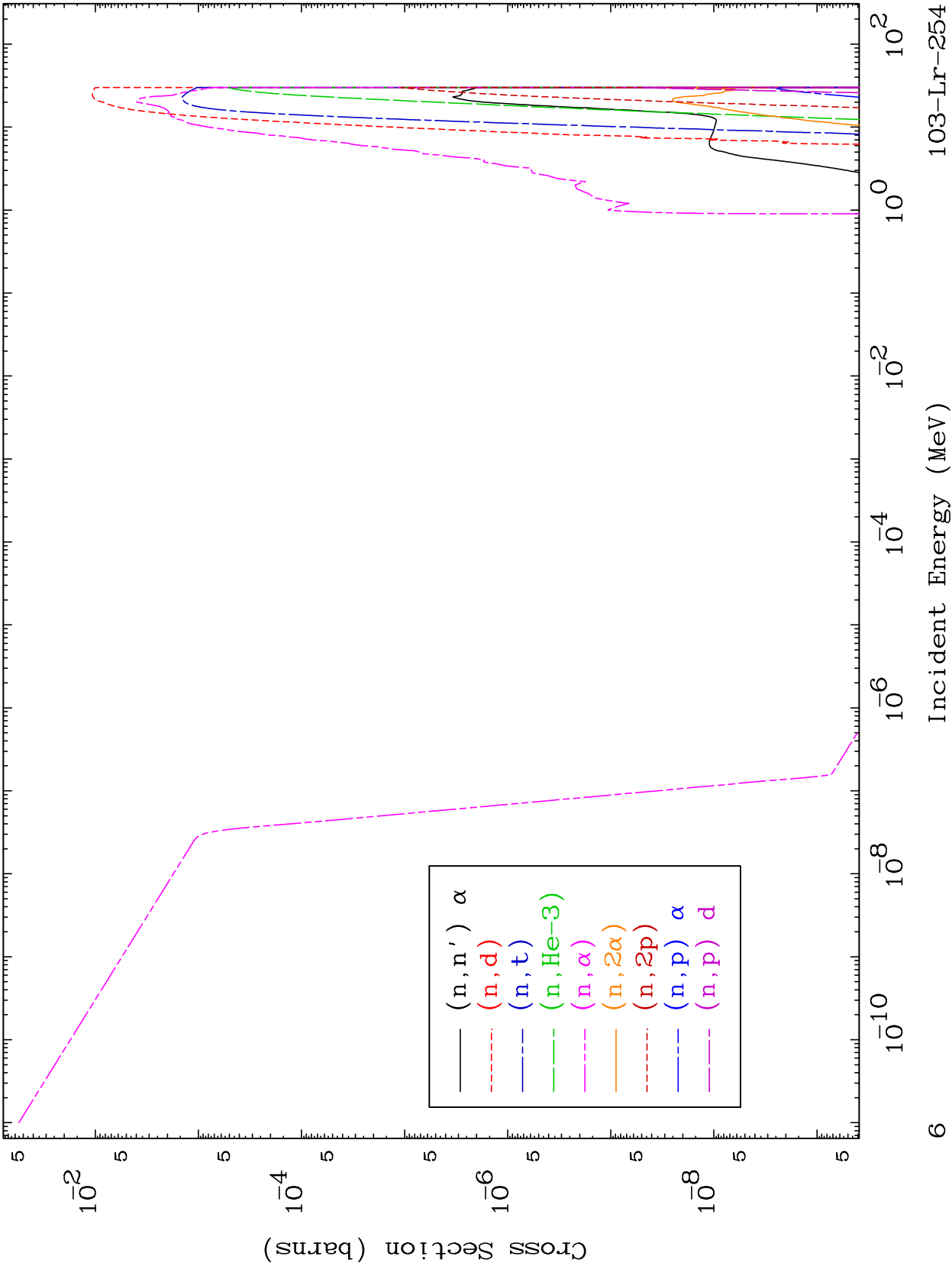
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MAT 9983

Charged Particle
293 Kelvin Cross Sections

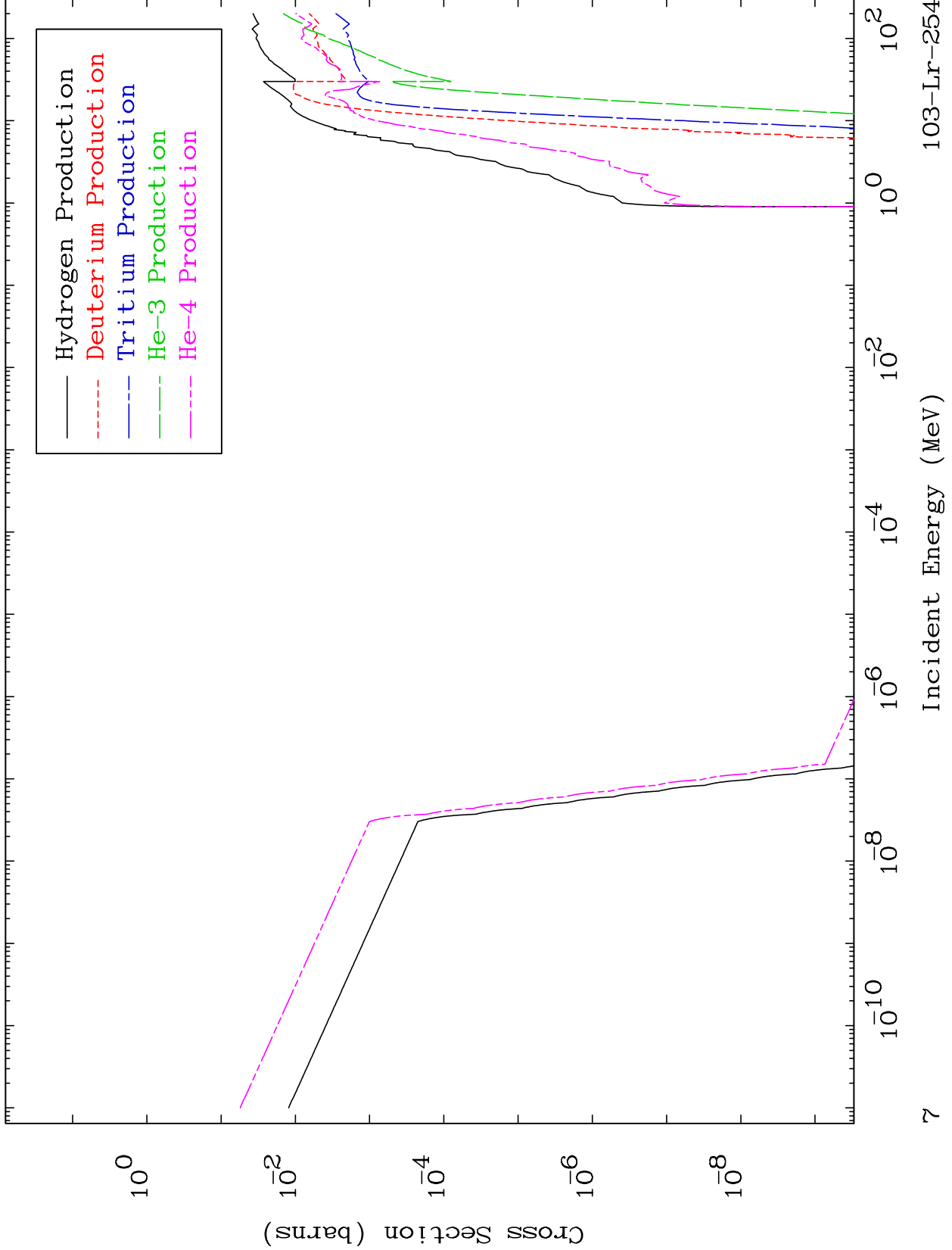
103-Lr-254



MAT 9983

Particle Production
293 Kelvin Cross Sections

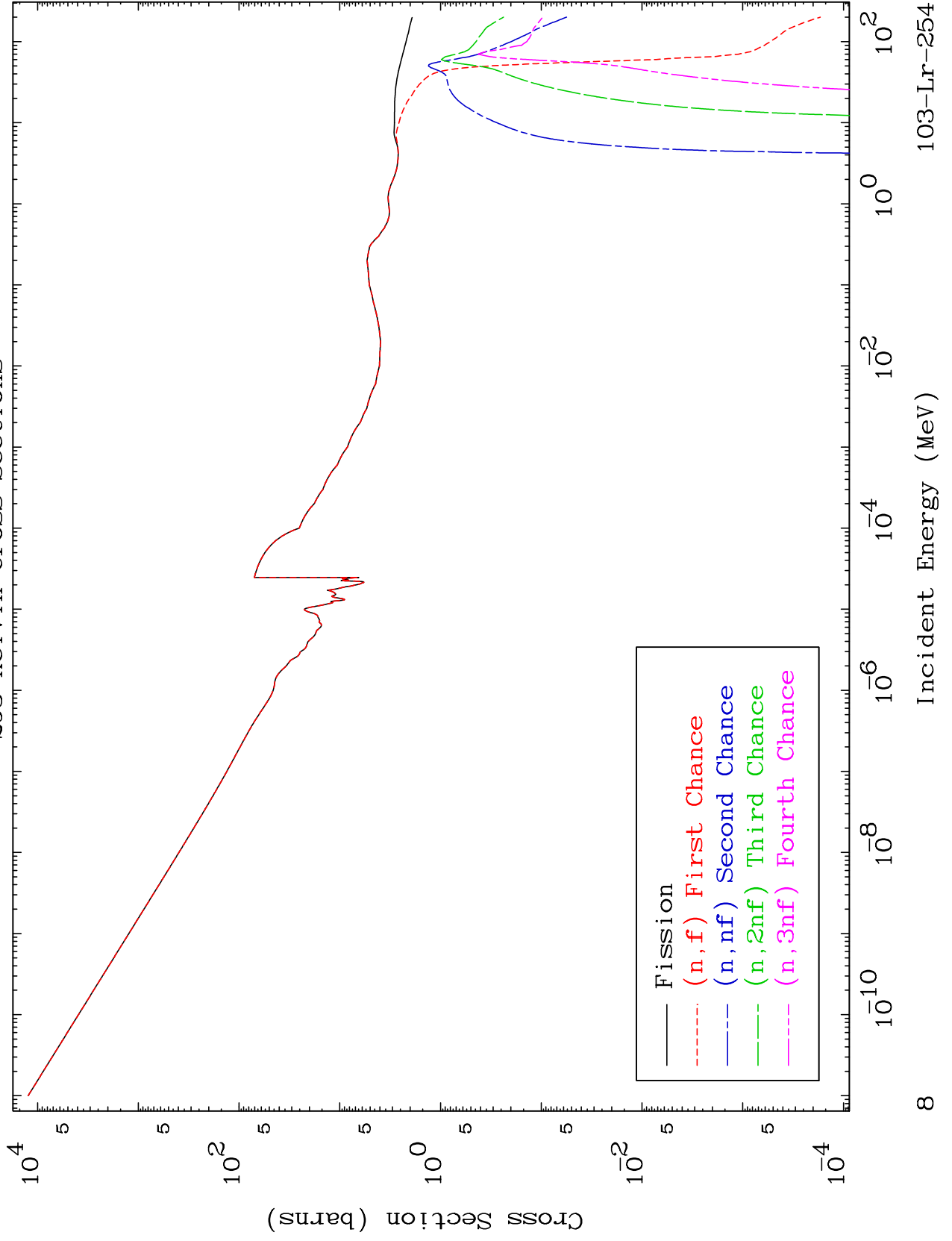
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MAT 9983

Fission
293 Kelvin Cross Sections

103-Lr-254

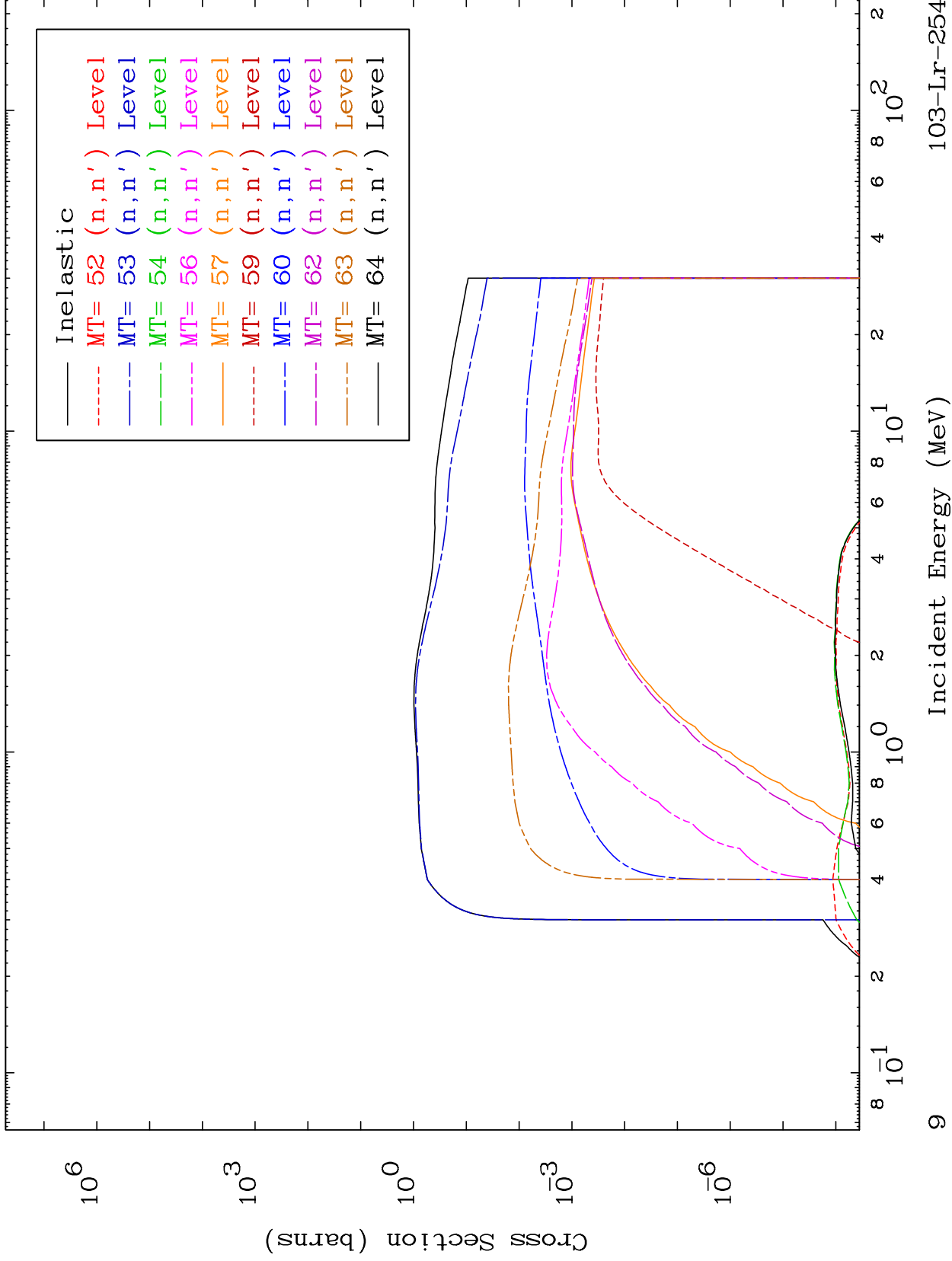


MAT 9983

(n,n') Levels

103-Lr-254

293 Kelvin Cross Sections



9

Incident Energy (MeV)

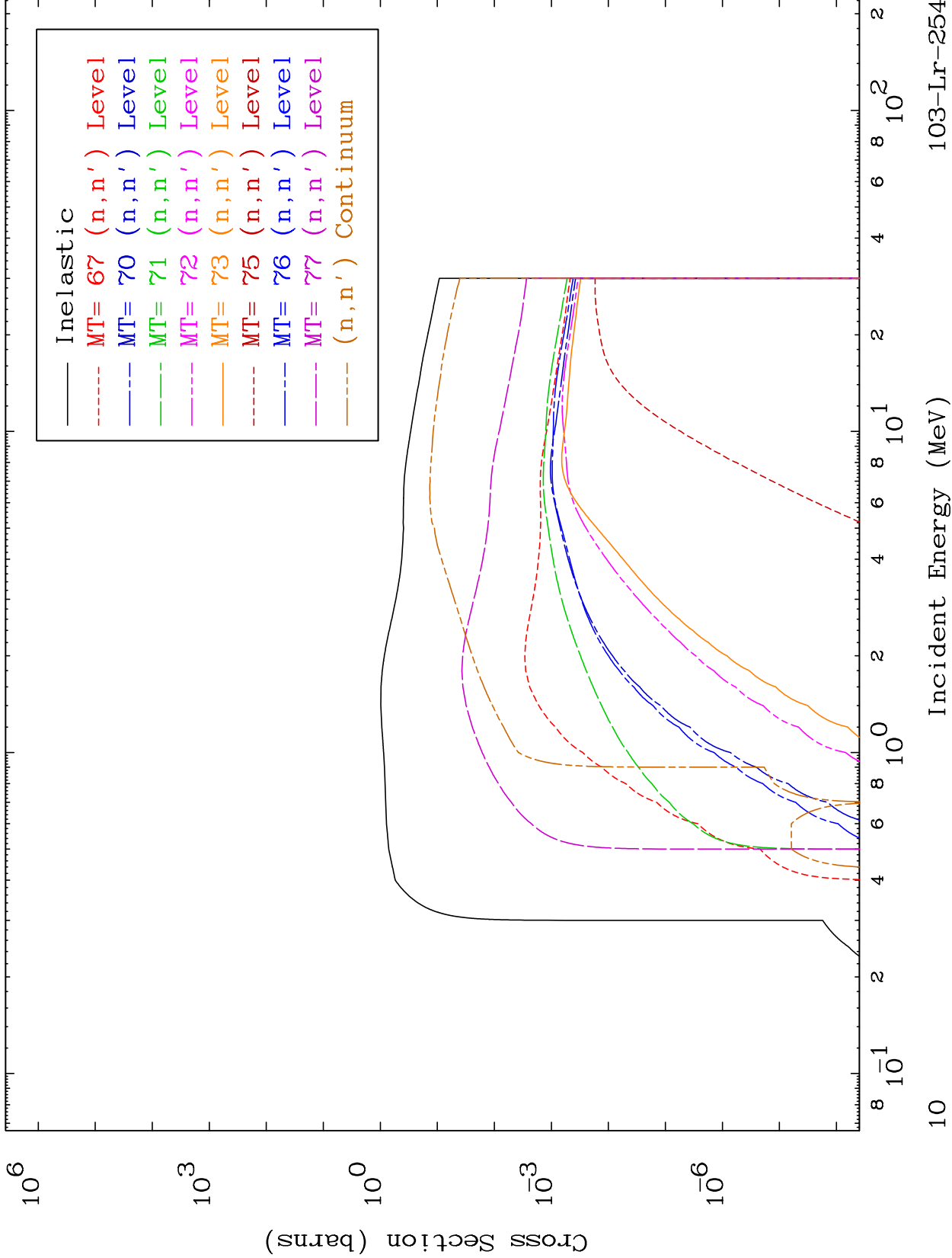
103-Lr-254

MAT 9983

(n,n') Levels

103-Lr-254

293 Kelvin Cross Sections



10

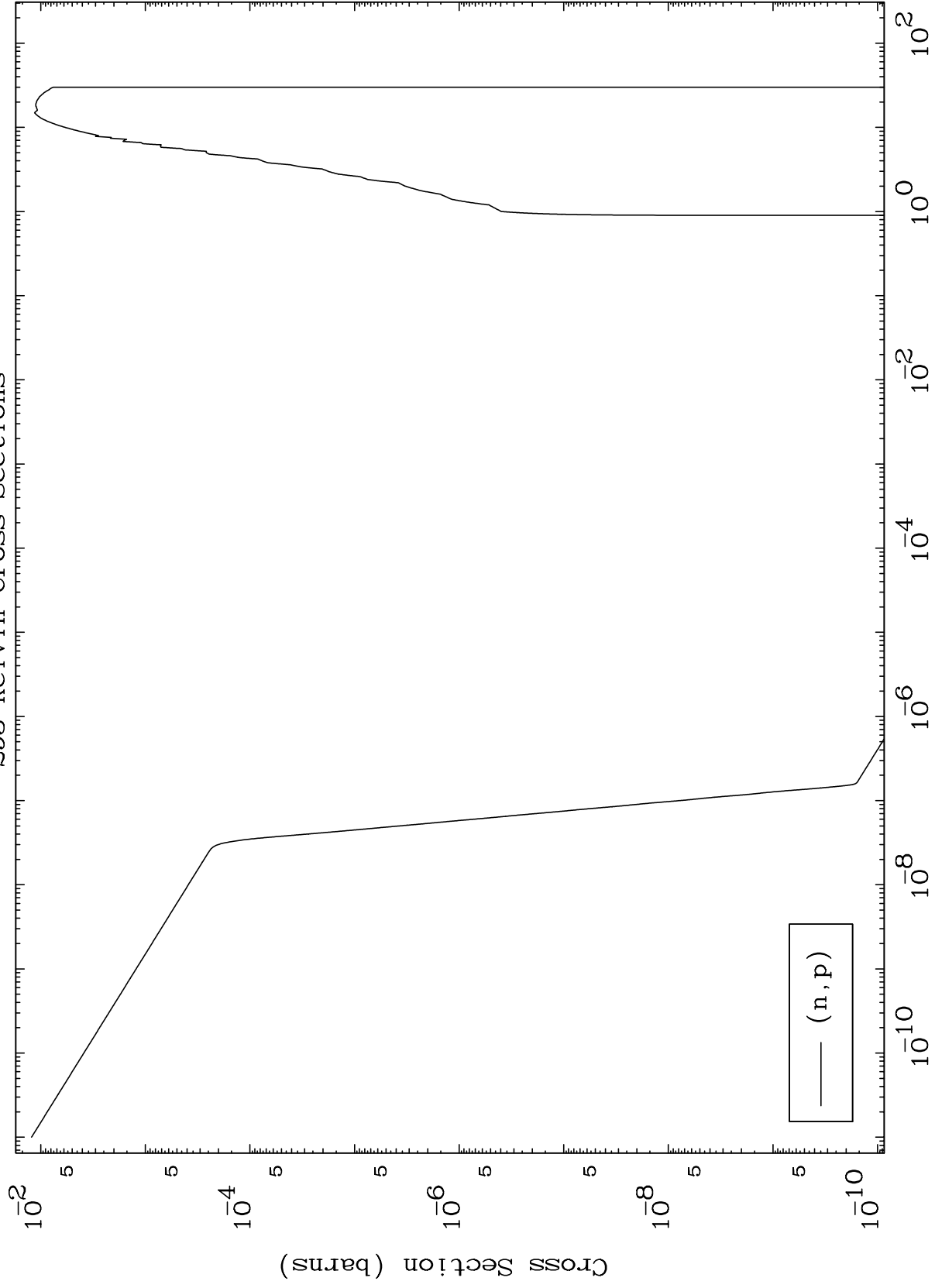
Incident Energy (MeV)

103-Lr-254

MAT 9983

(n,p) Levels
293 Kelvin Cross Sections

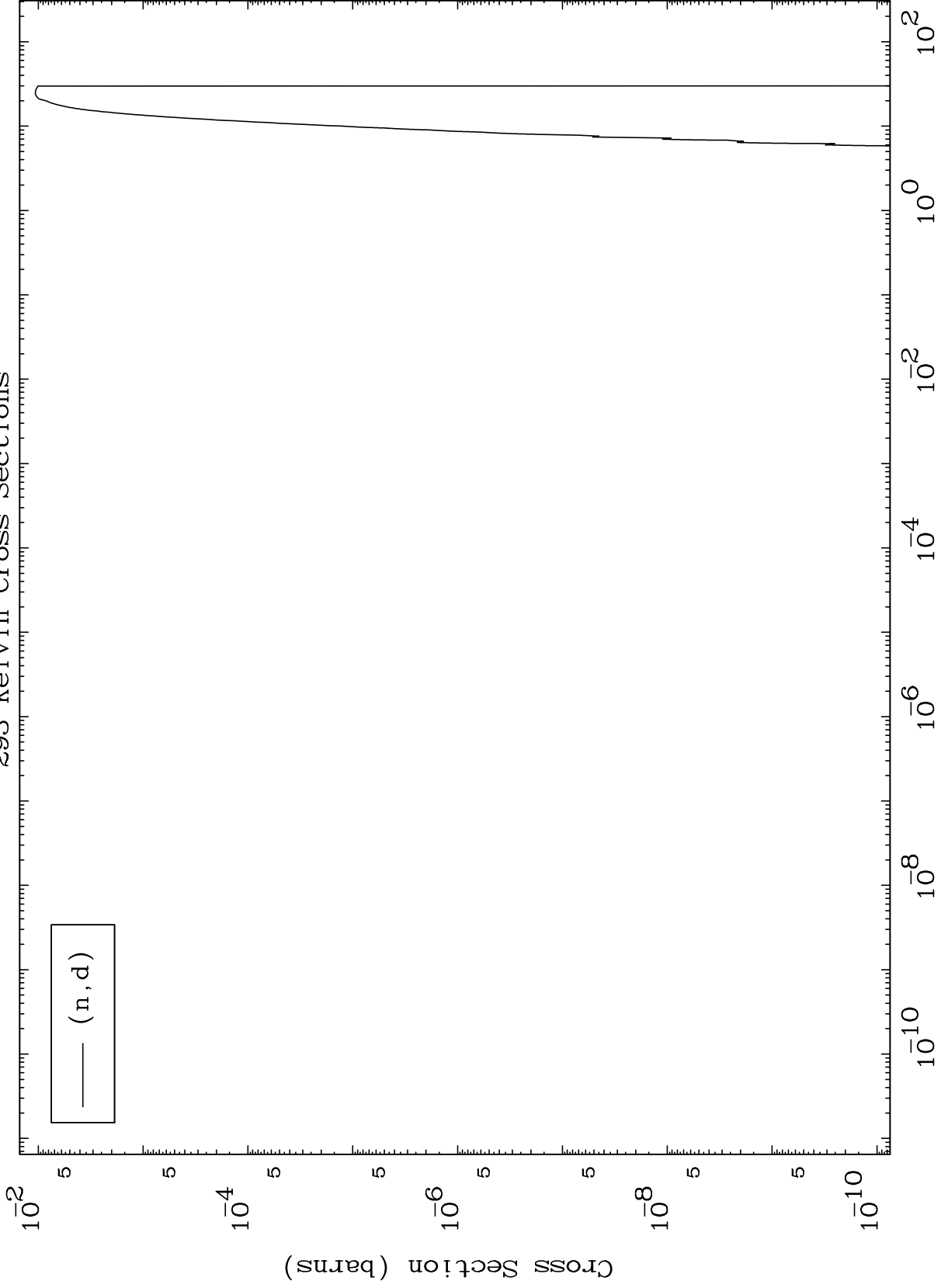
103-Lr-254



MAT 9983

(n,d) Levels
293 Kelvin Cross Sections

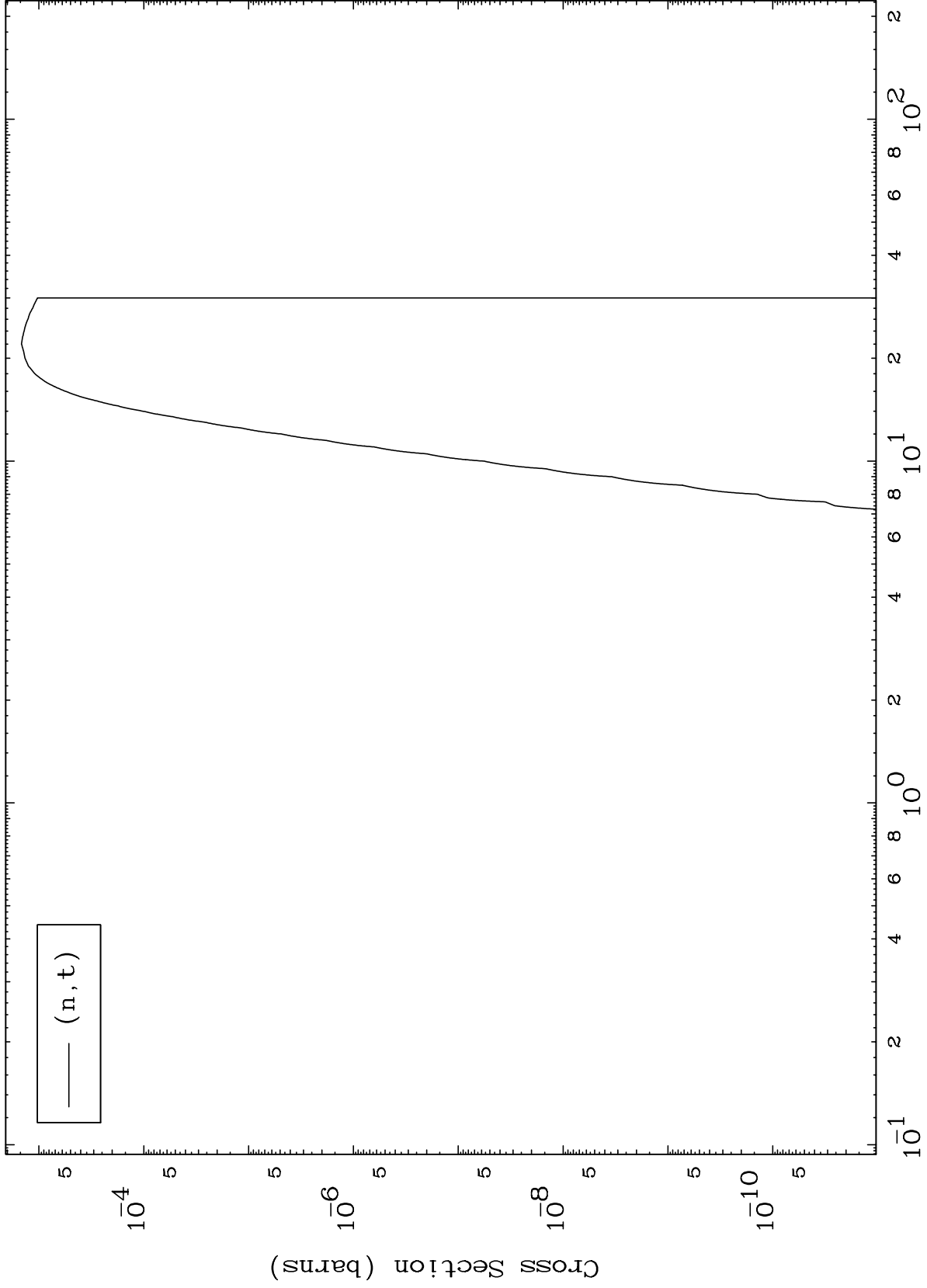
103-Lr-254



MAT 9983

(n,t) Levels
293 Kelvin Cross Sections

103-Lr-254



13

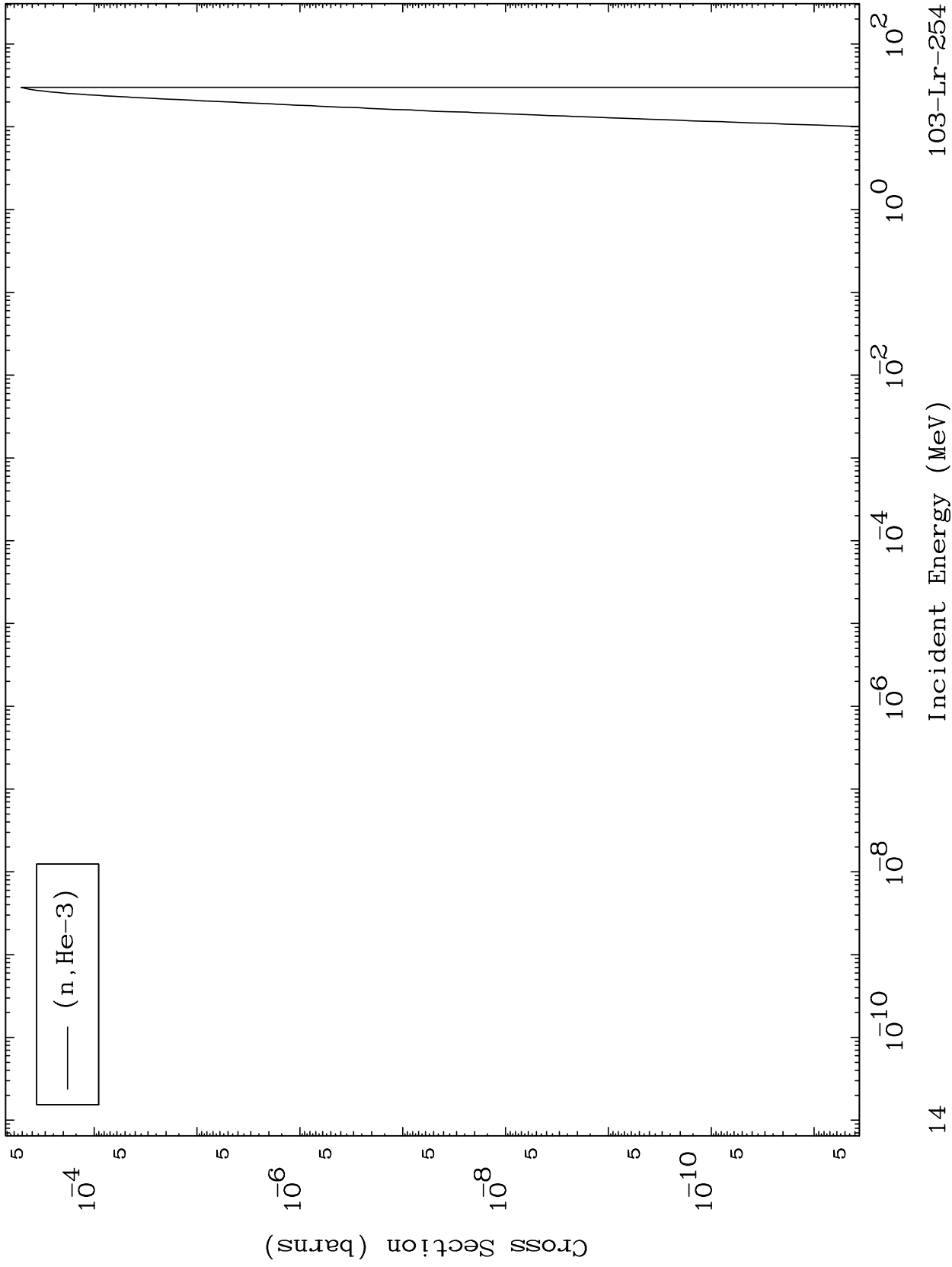
Incident Energy (MeV)

103-Lr-254

MAT 9983

(n,He3) Levels
293 Kelvin Cross Sections

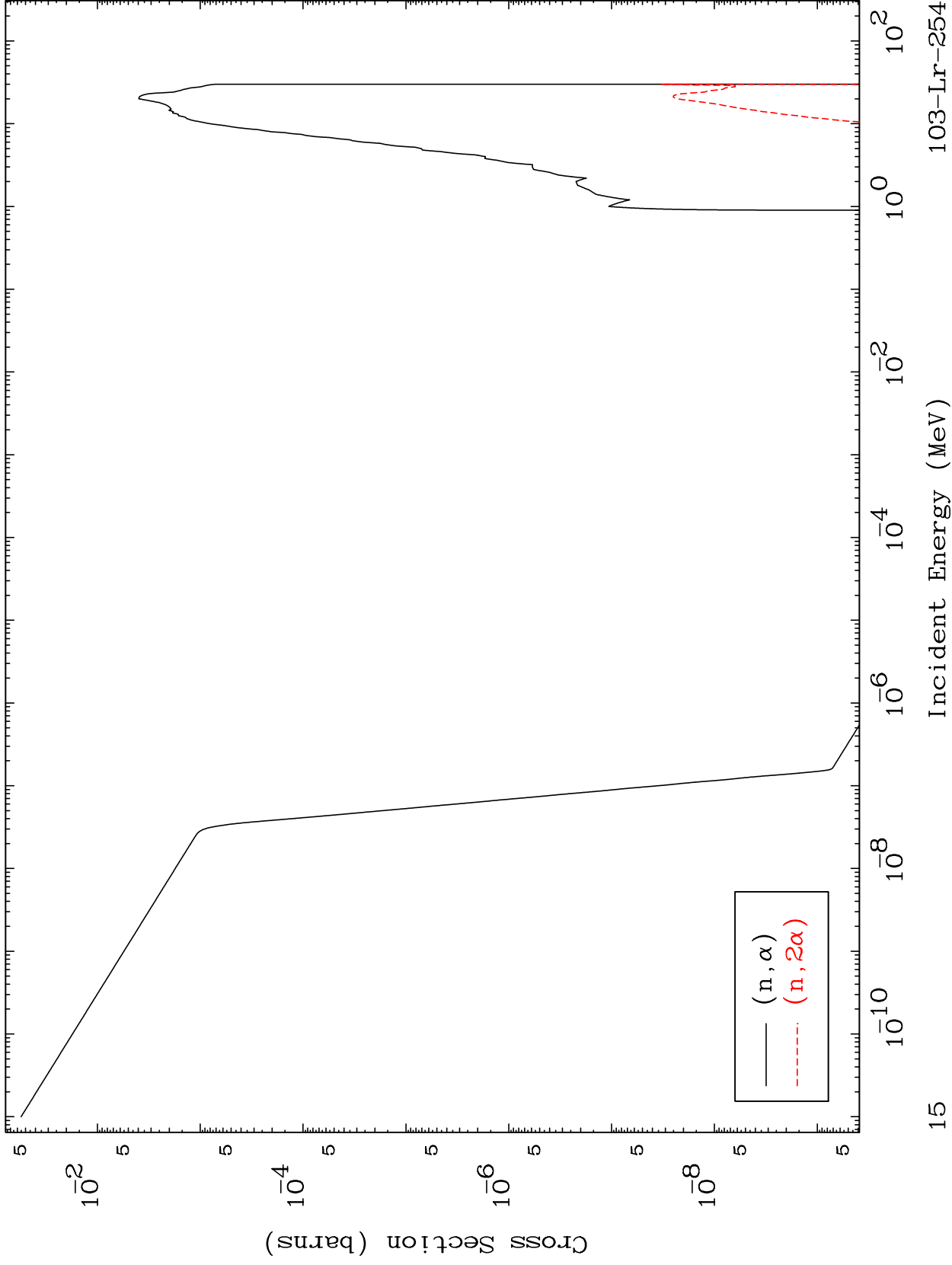
103-Lr-254



MAT 9983

(n,α) Levels
293 Kelvin Cross Sections

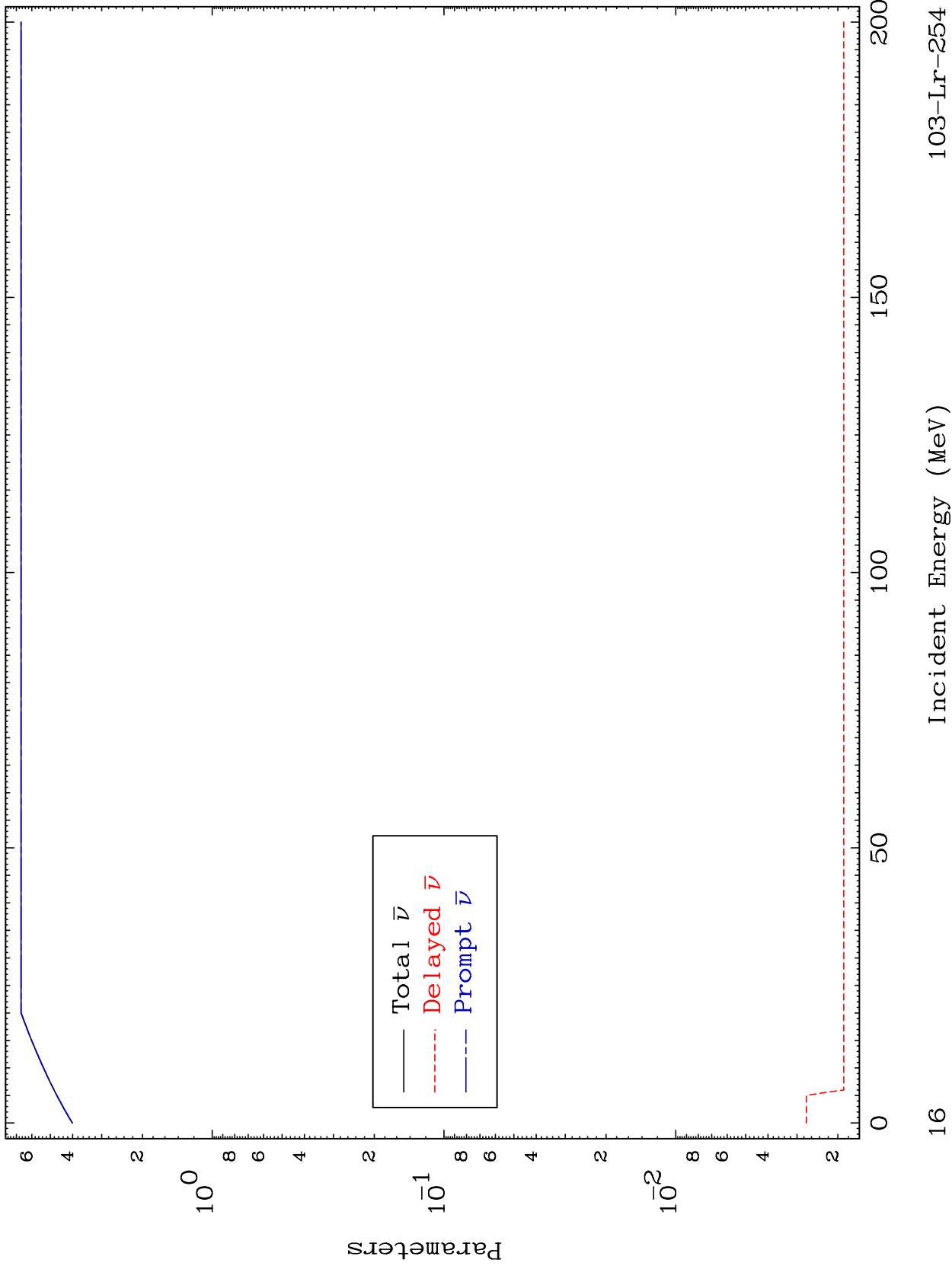
103-Lr-254



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Energy Release
Parameters

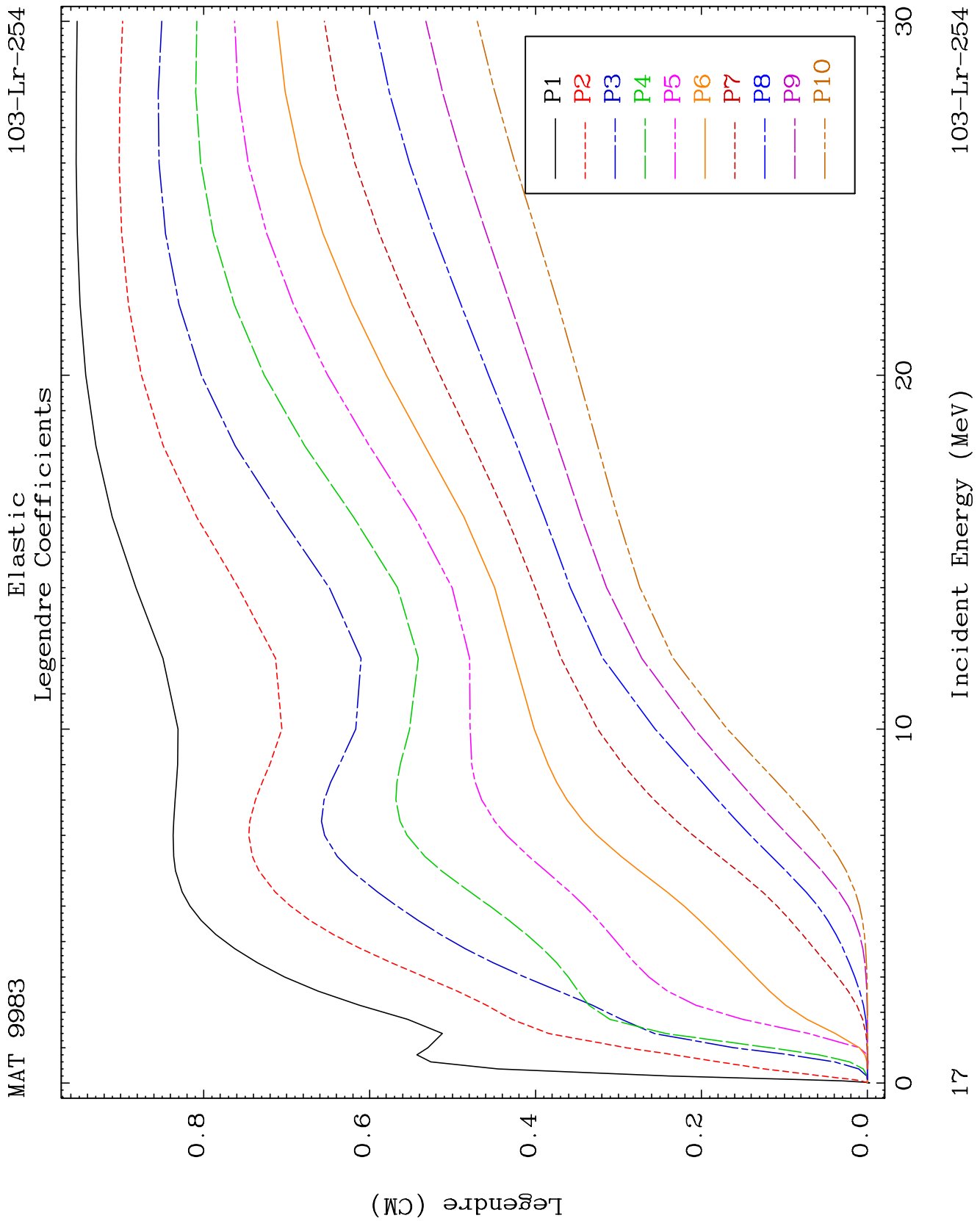
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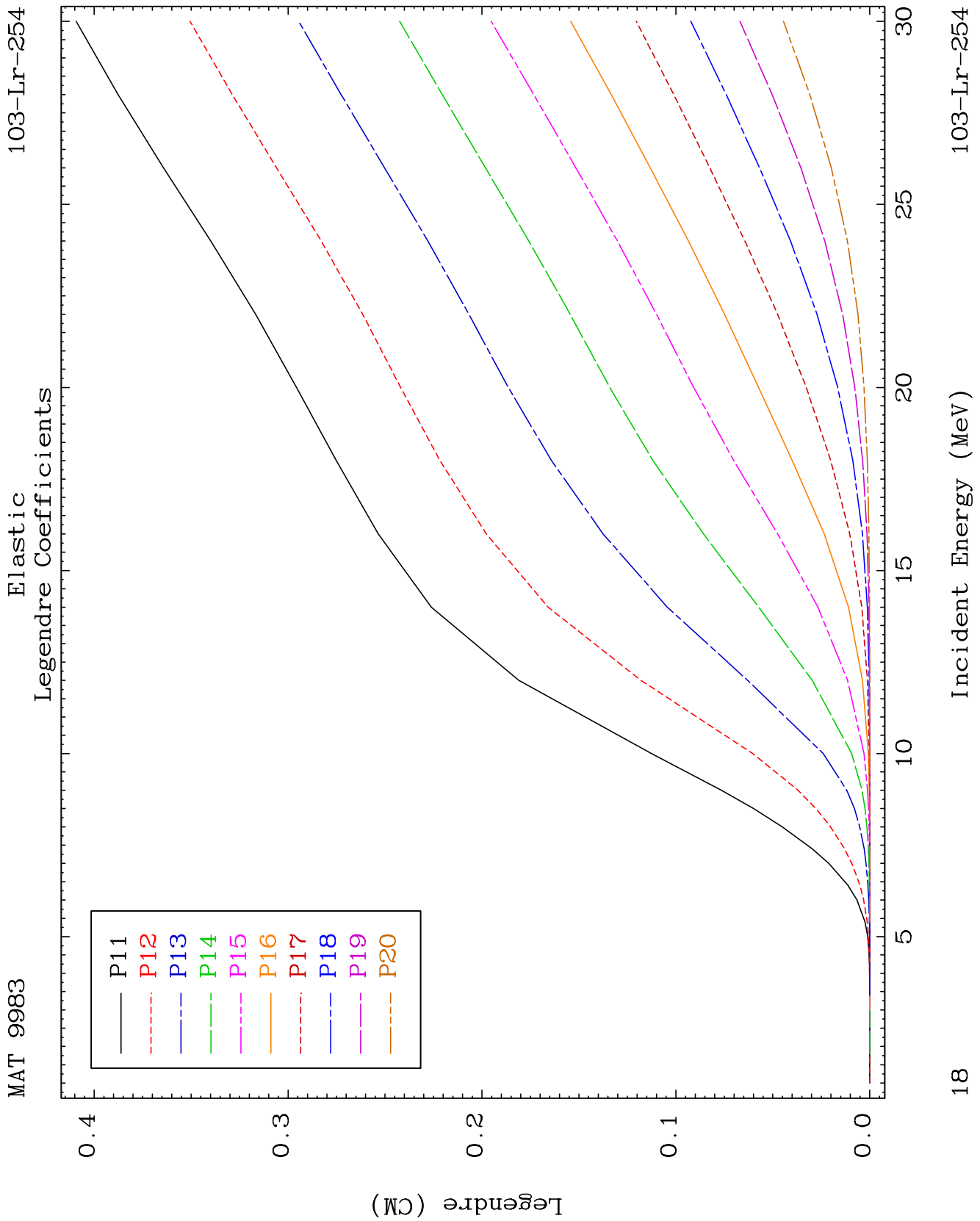


16

Incident Energy (MeV)

103-Lr-254

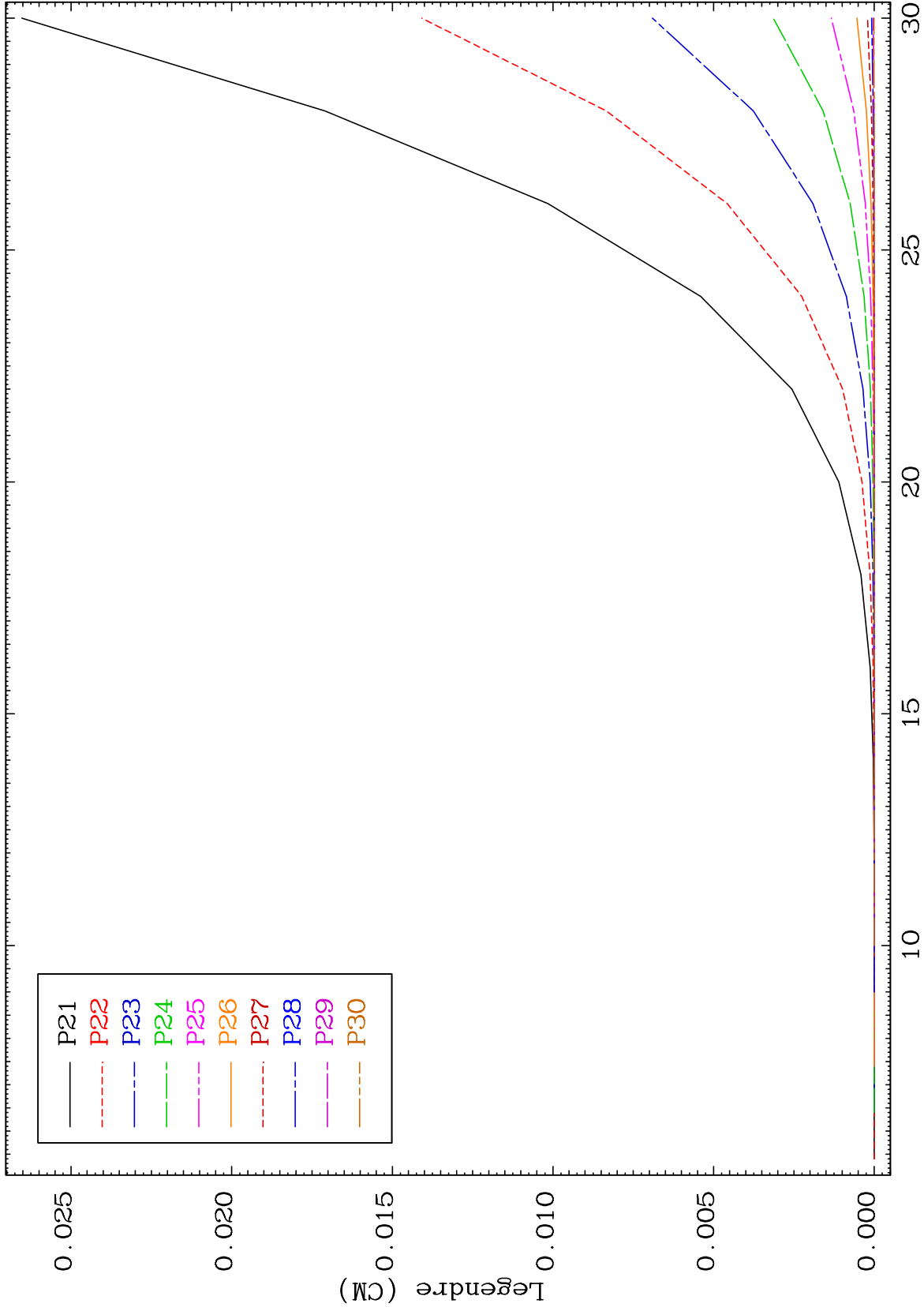




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Elastic Legendre Coefficients

103-Lr-254



19

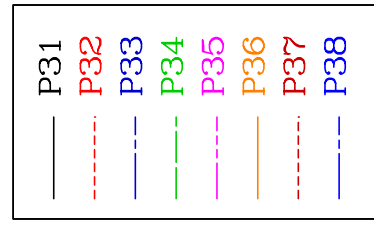
Incident Energy (MeV)

103-Lr-254

MAT 9983

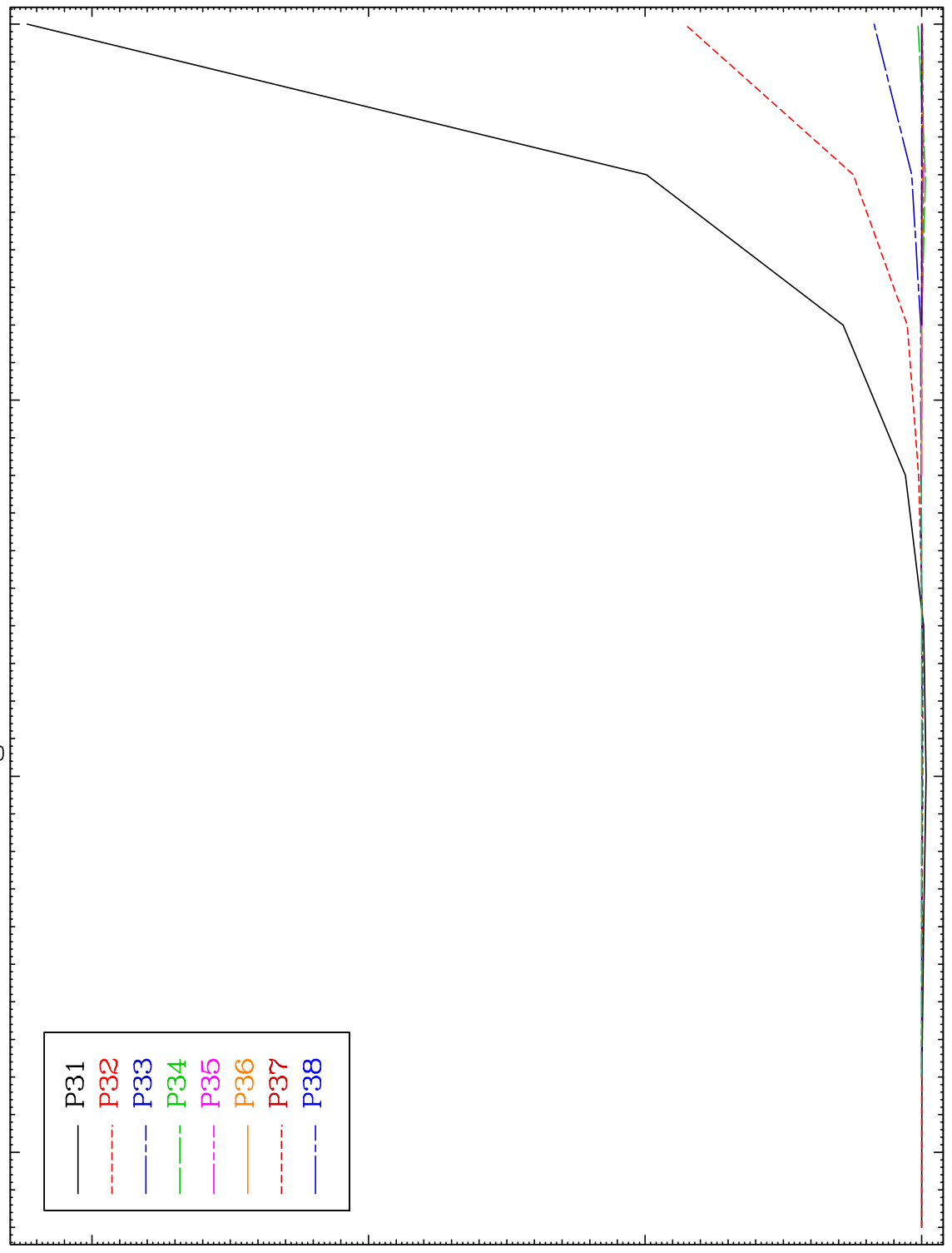
Elastic Legendre Coefficients

103-Lr-254



$\times 10^{-6}$

Legendre (CM)



20

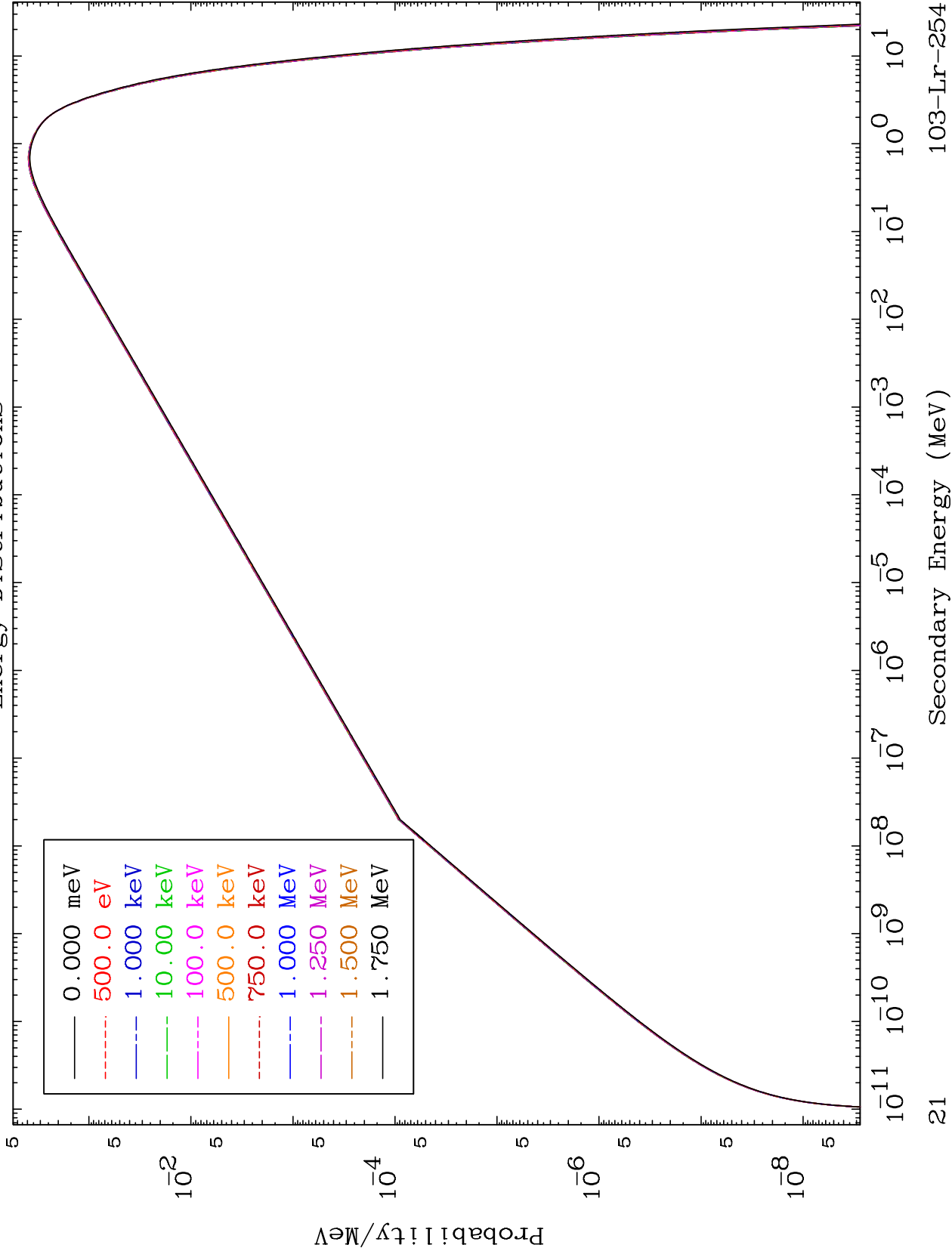
Incident Energy (MeV)

103-Lr-254

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Fission Energy Distributions

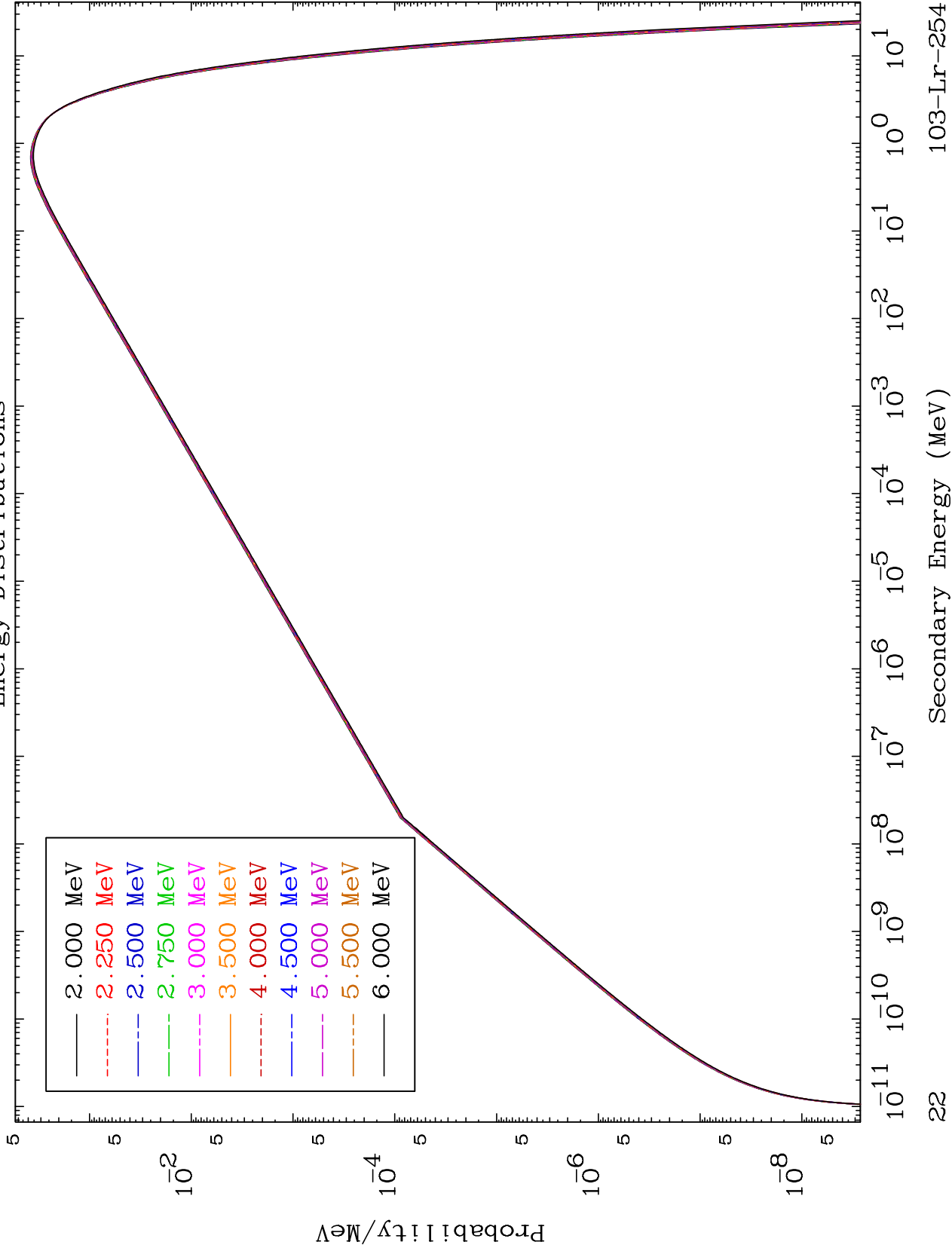
103-Lr-254



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Fission Energy Distributions

103-Lr-254



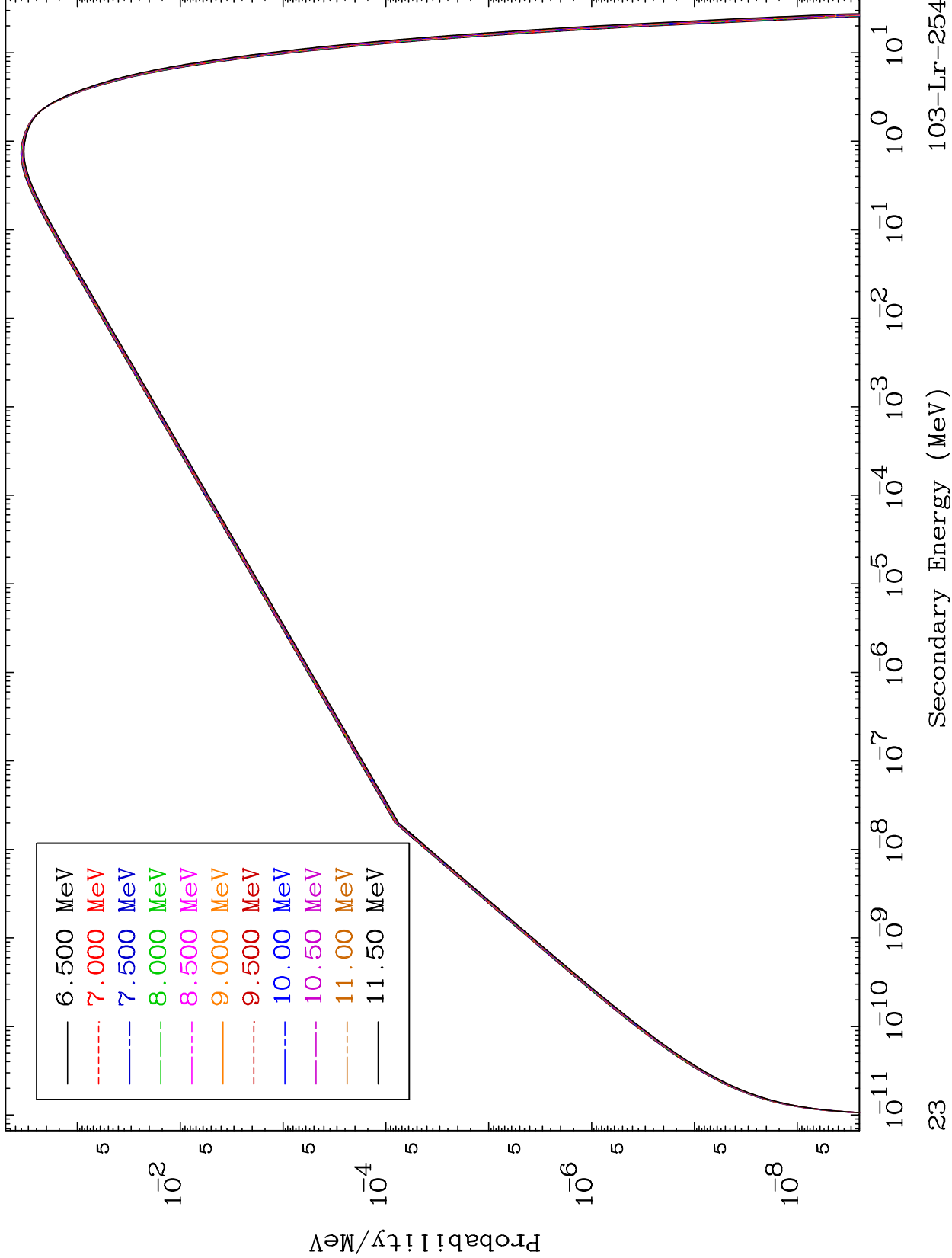
103-Lr-254

Secondary Energy (MeV)

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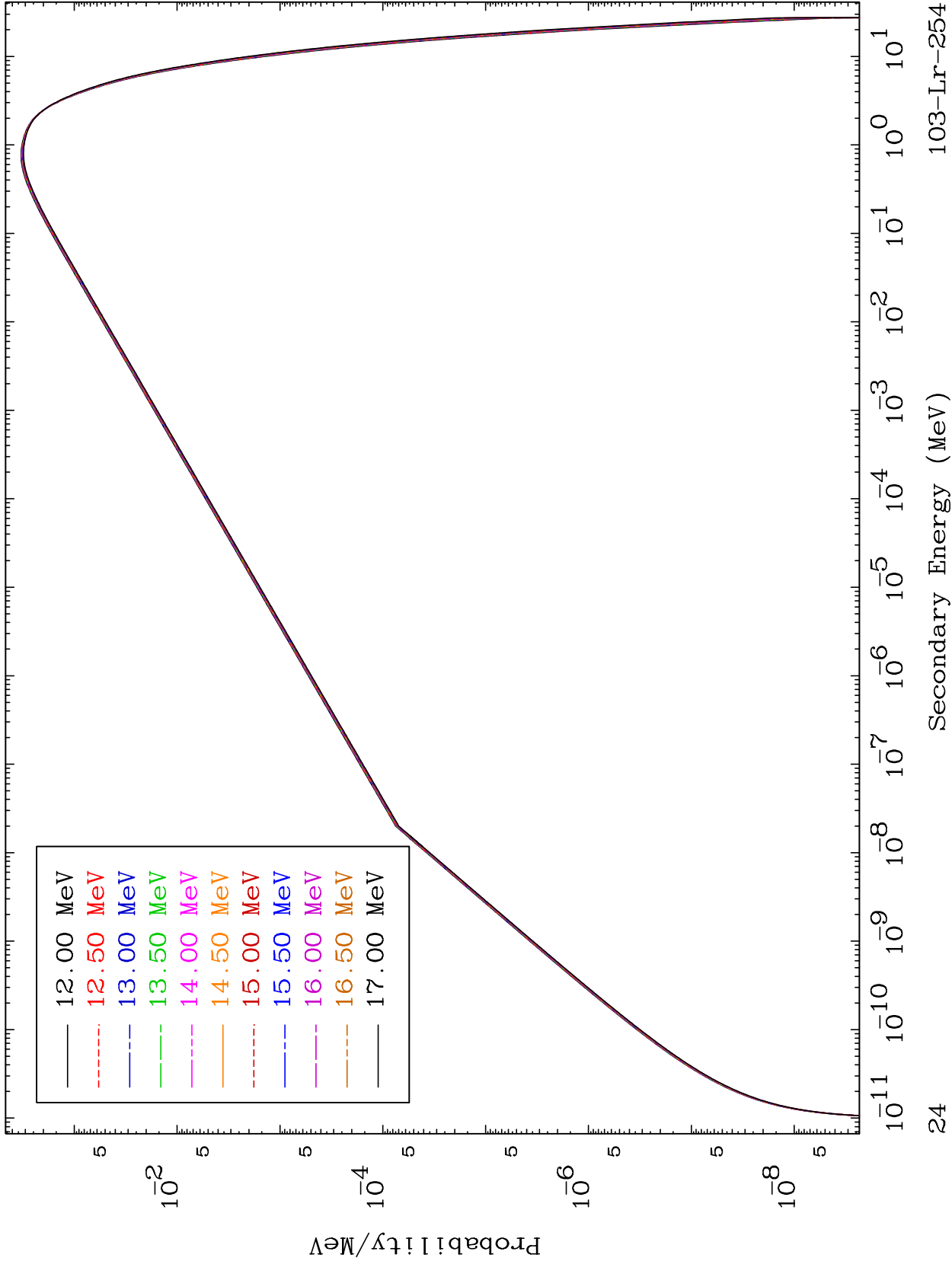
Fission Energy Distributions

103-Lr-254



103-Lr-254

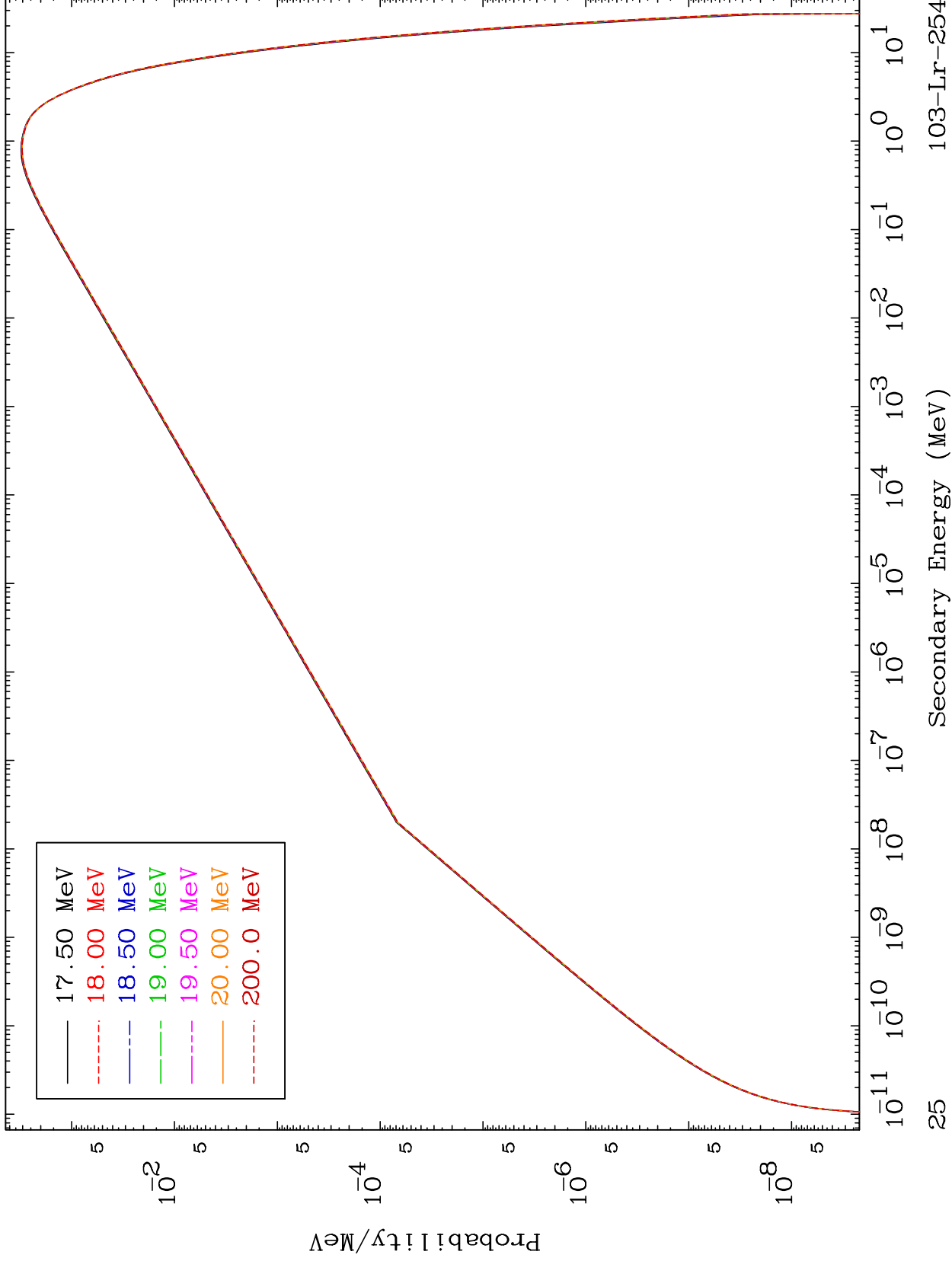
Secondary Energy (MeV)



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Fission
Energy Distributions

103-Lr-254

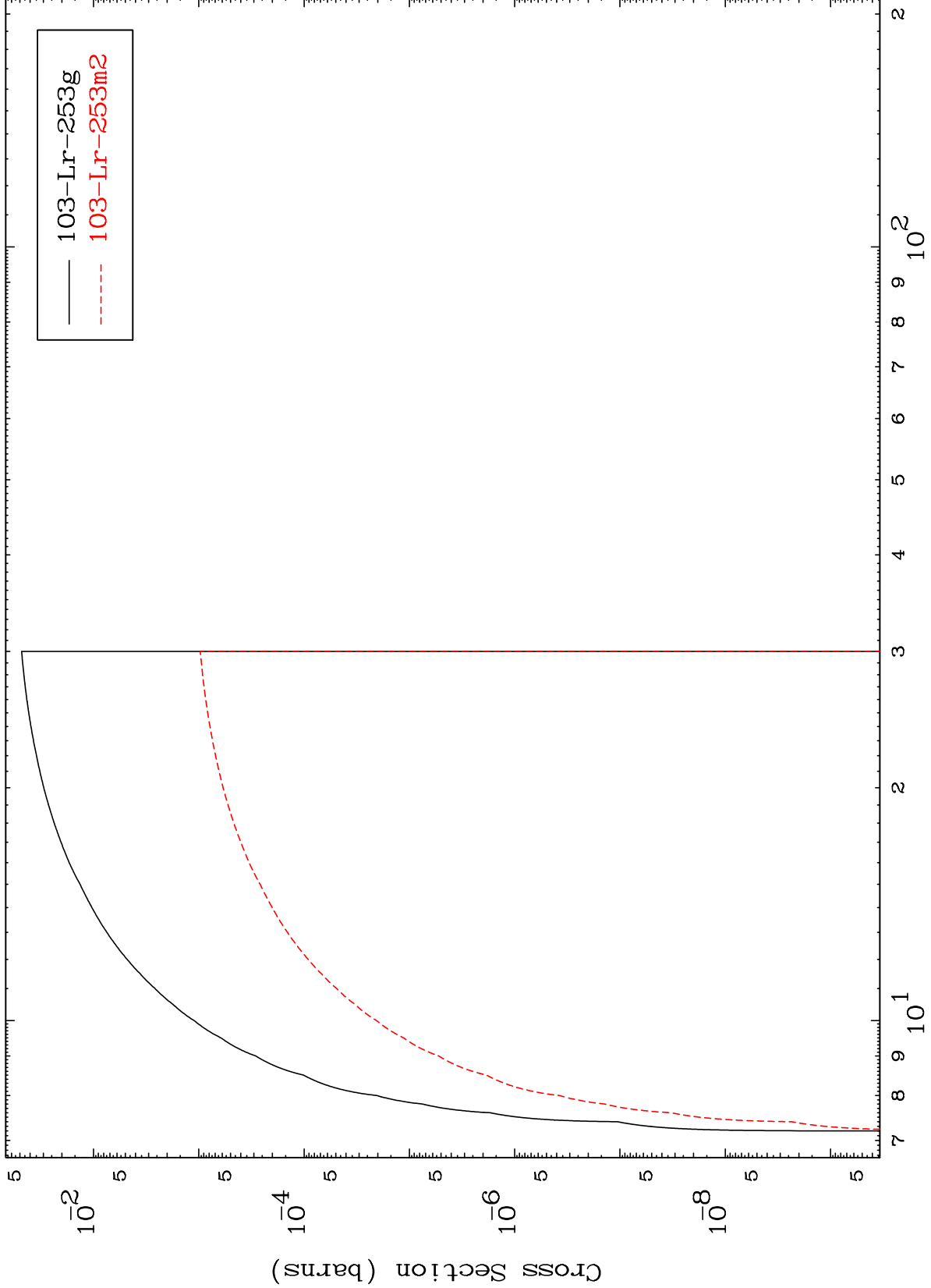


MAT 9983

(n,2n)

103-Lr-254

Radionuclide Production Cross Section



26

Incident Energy (MeV)

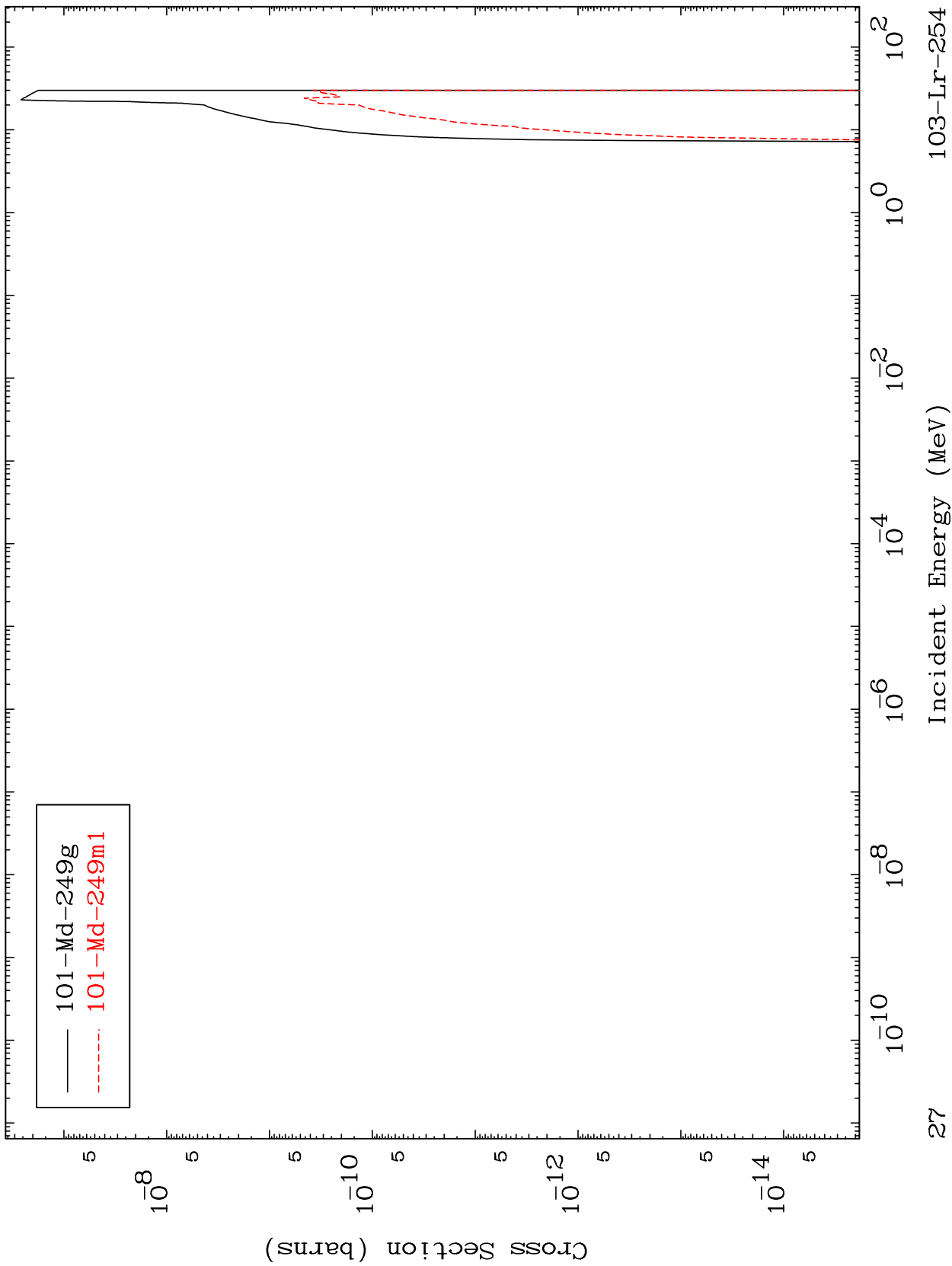
103-Lr-254

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(n,2n) α

103-Lr-254

Radionuclide Production Cross Section

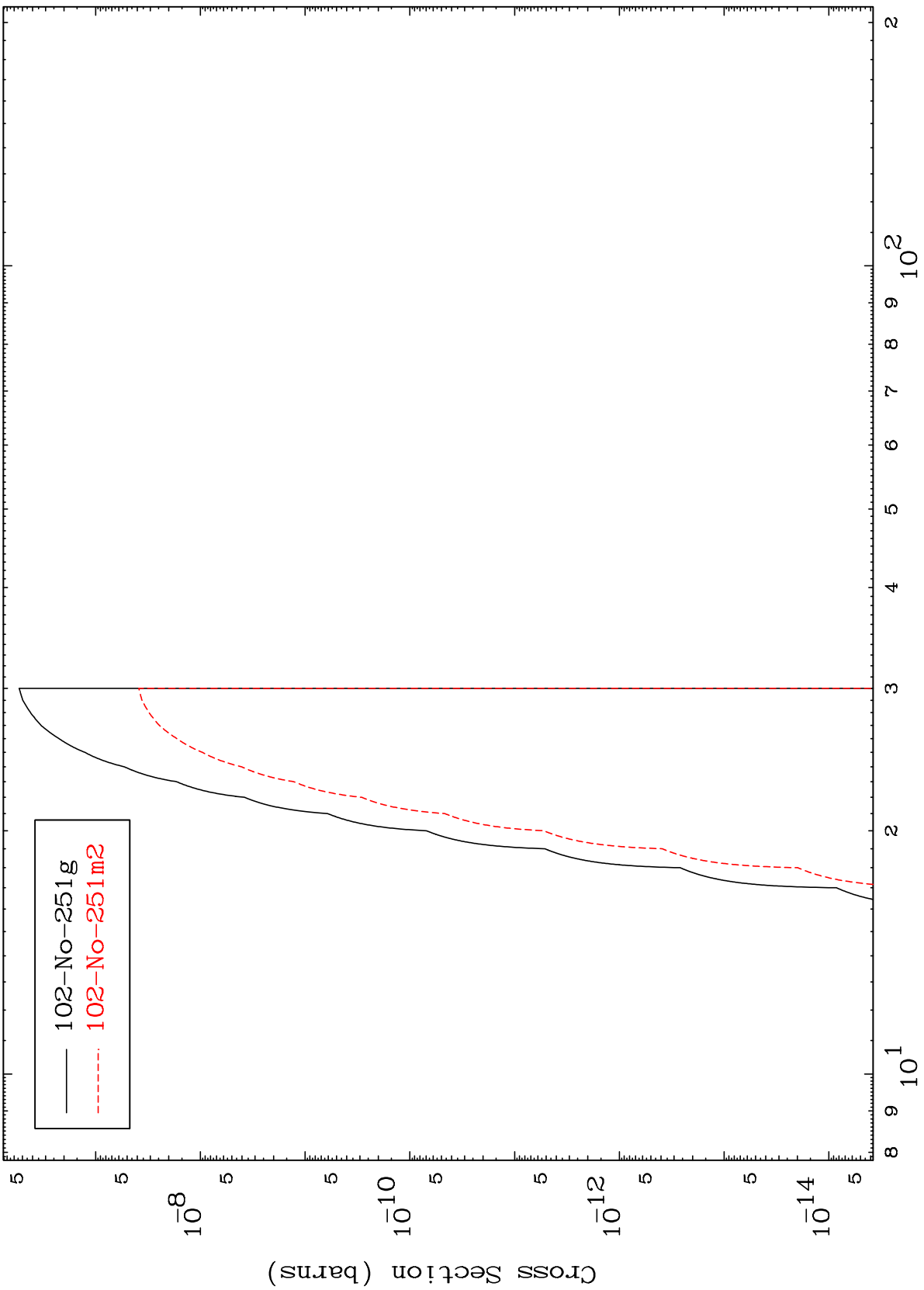


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(n,n') t

103-Lr-254

Radionuclide Production Cross Section



28

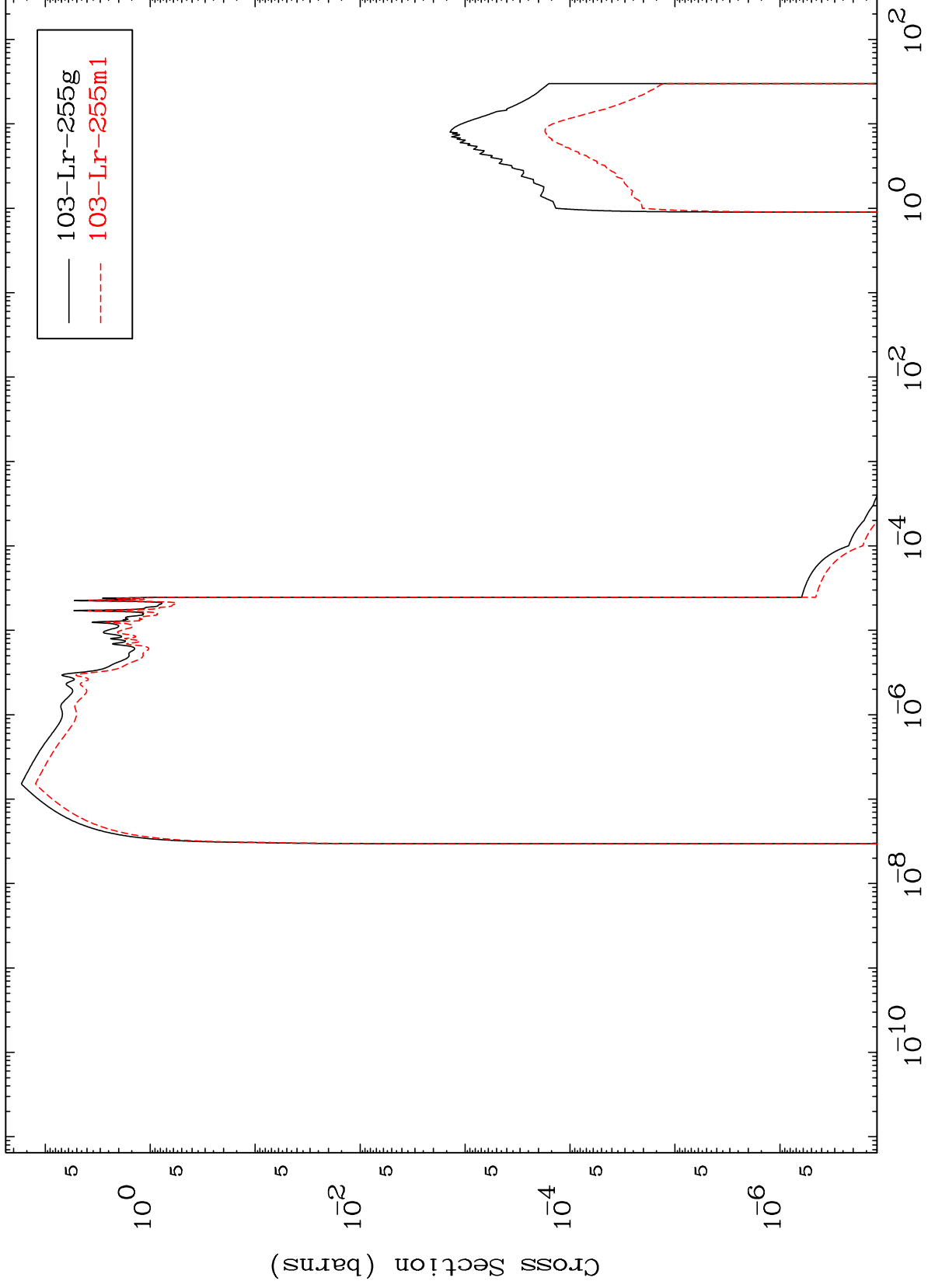
Incident Energy (MeV)

103-Lr-254

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103-Lr-254

(n, γ)
Radionuclide Production Cross Section

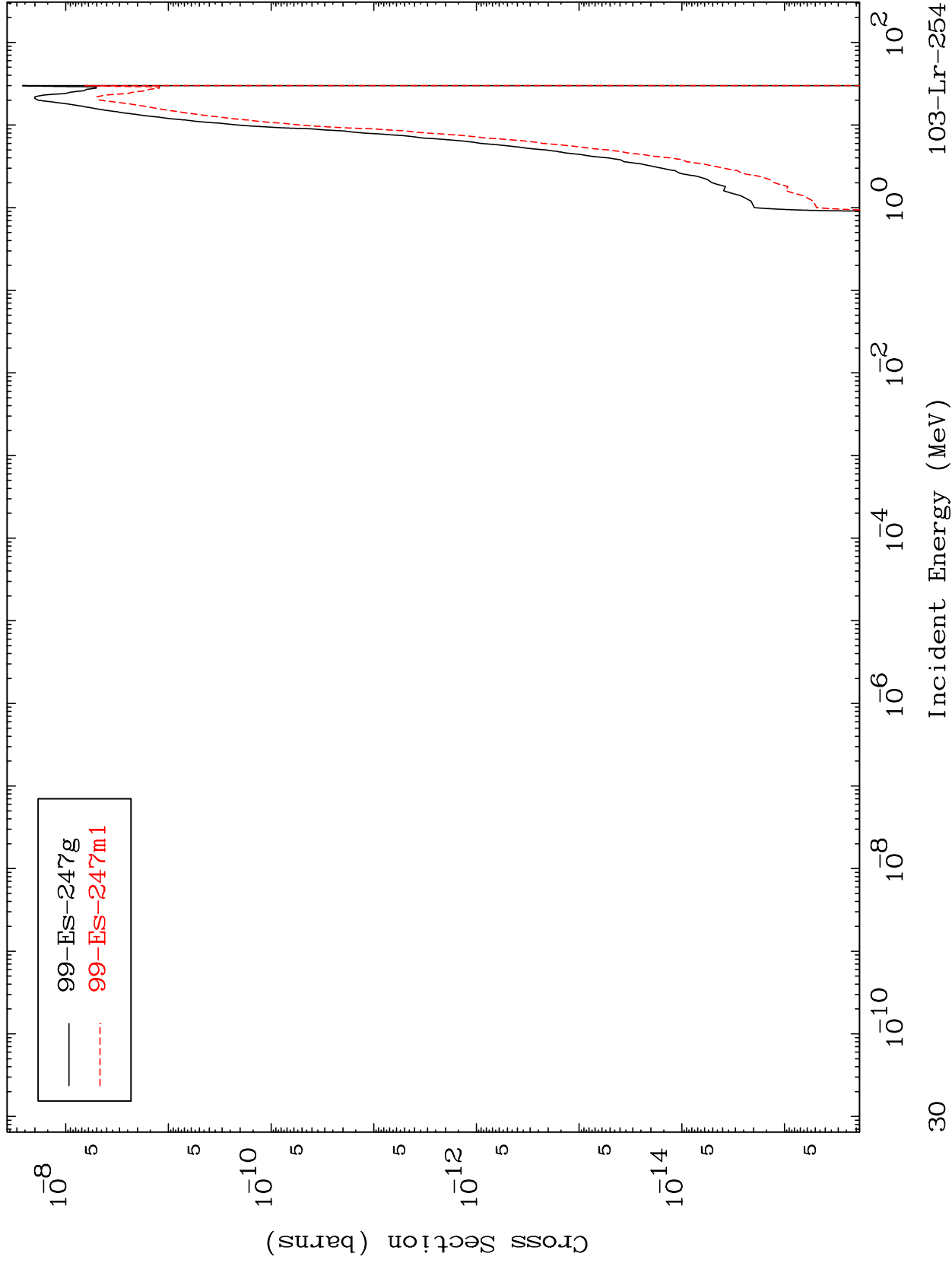


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(n,2α)

103-Lr-254

Radionuclide Production Cross Section



MAT 9983

(n,p) α

103-Lr-254

Radionuclide Production Cross Section

