

Program EVALPLOT
(Version 2021-1)

by

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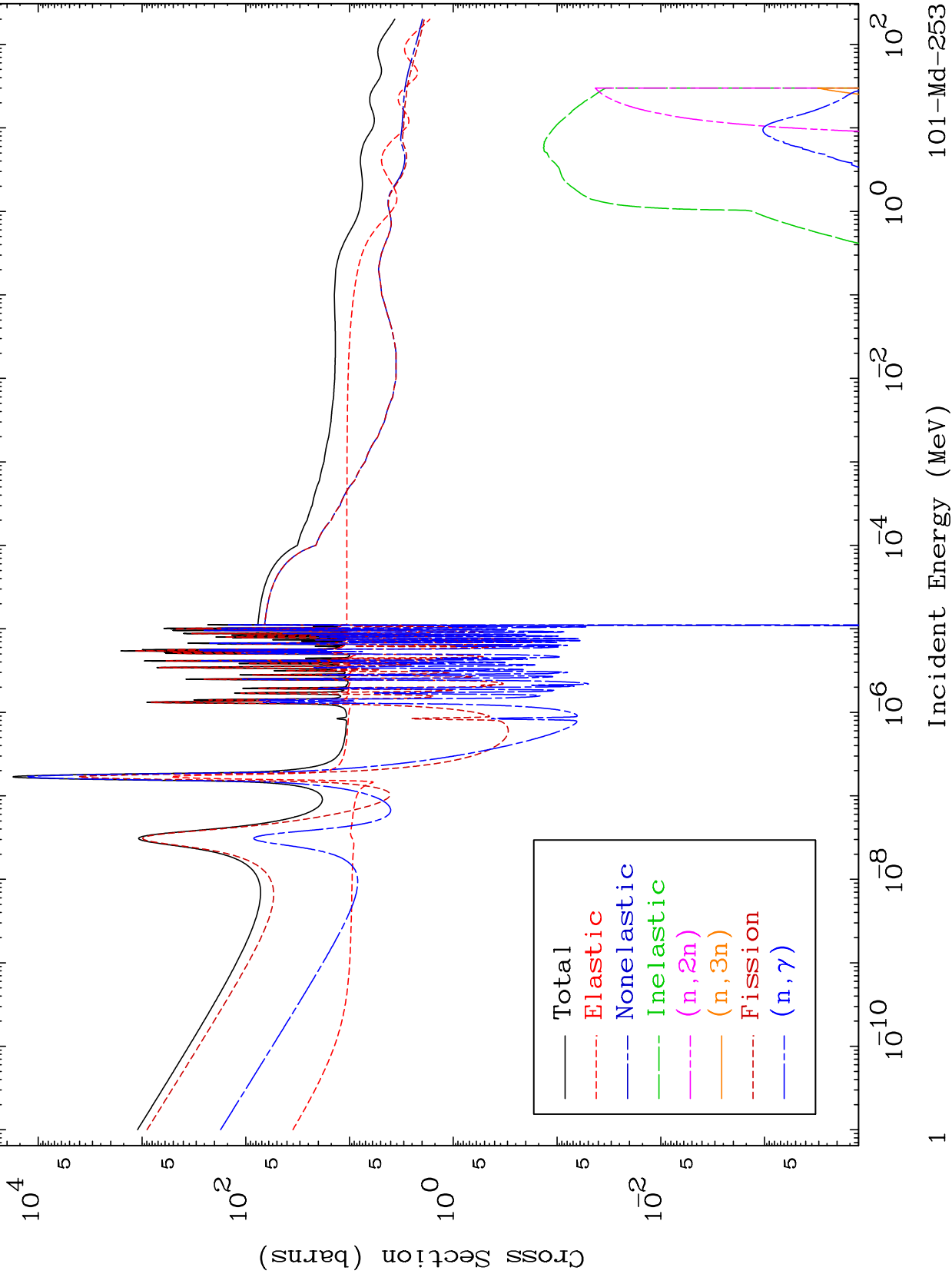
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9954

Neutron Major
293 Kelvin Cross Sections

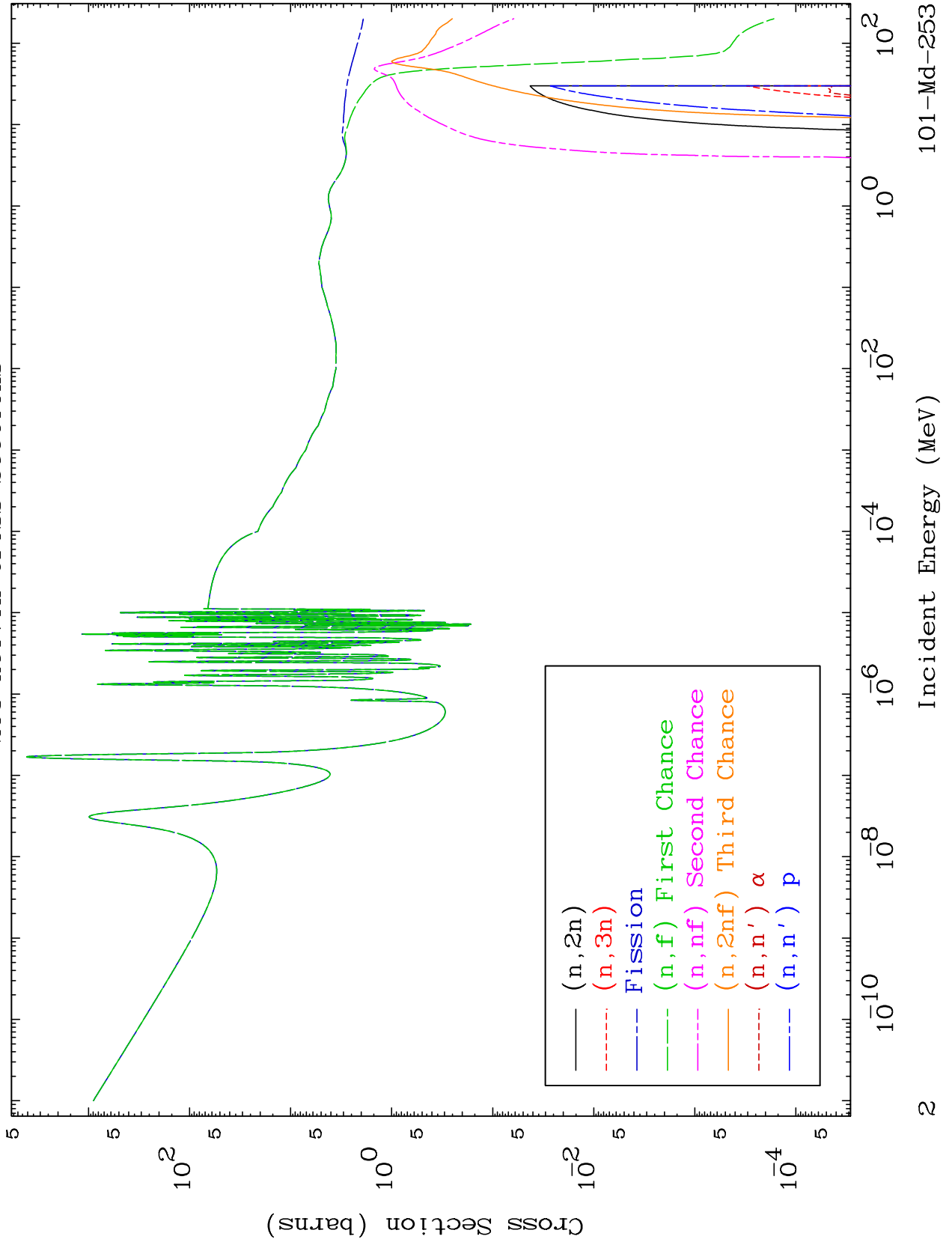
101-Md-253

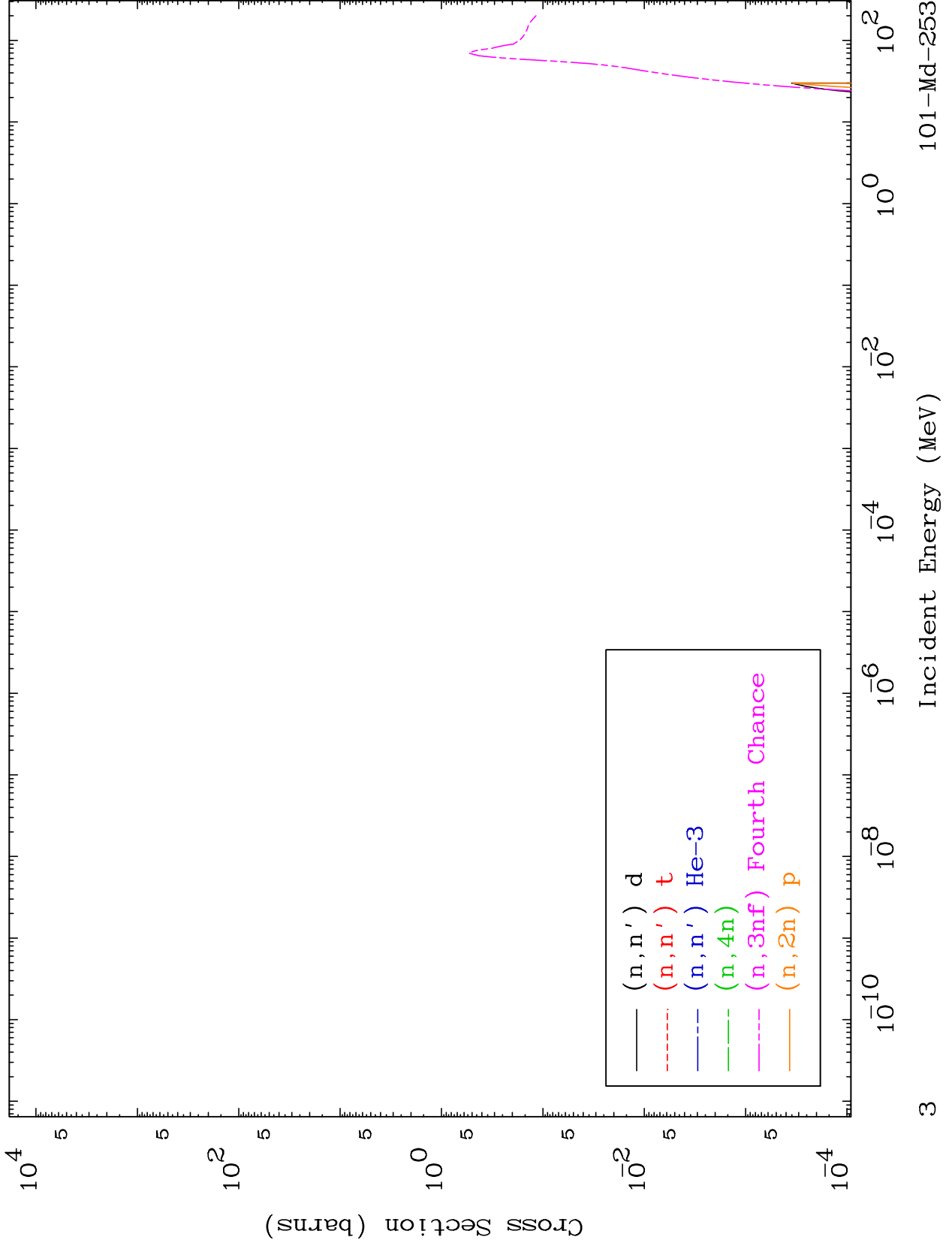


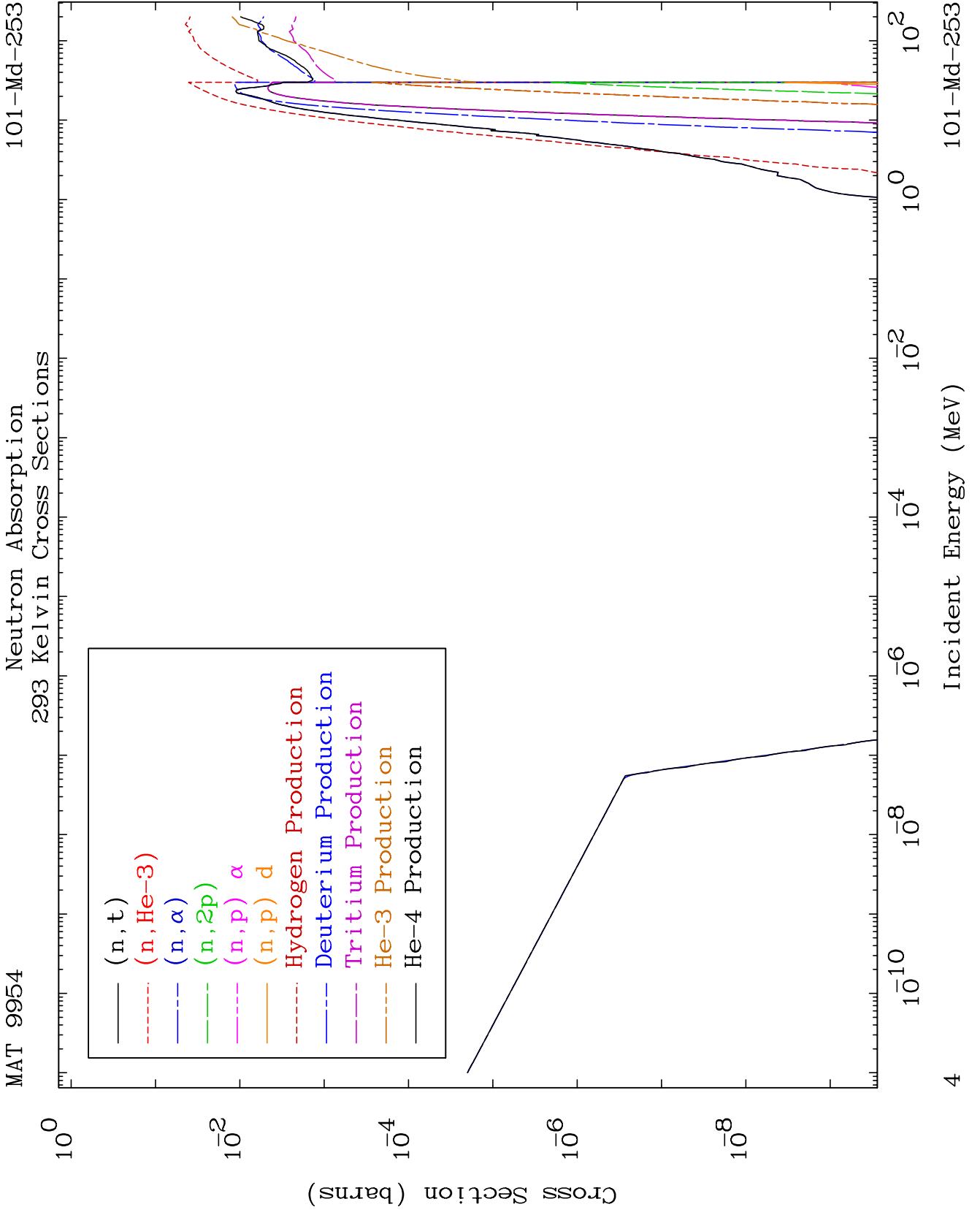
MAT 9954

Neutron Absorption
293 Kelvin Cross Sections

101-Md-253



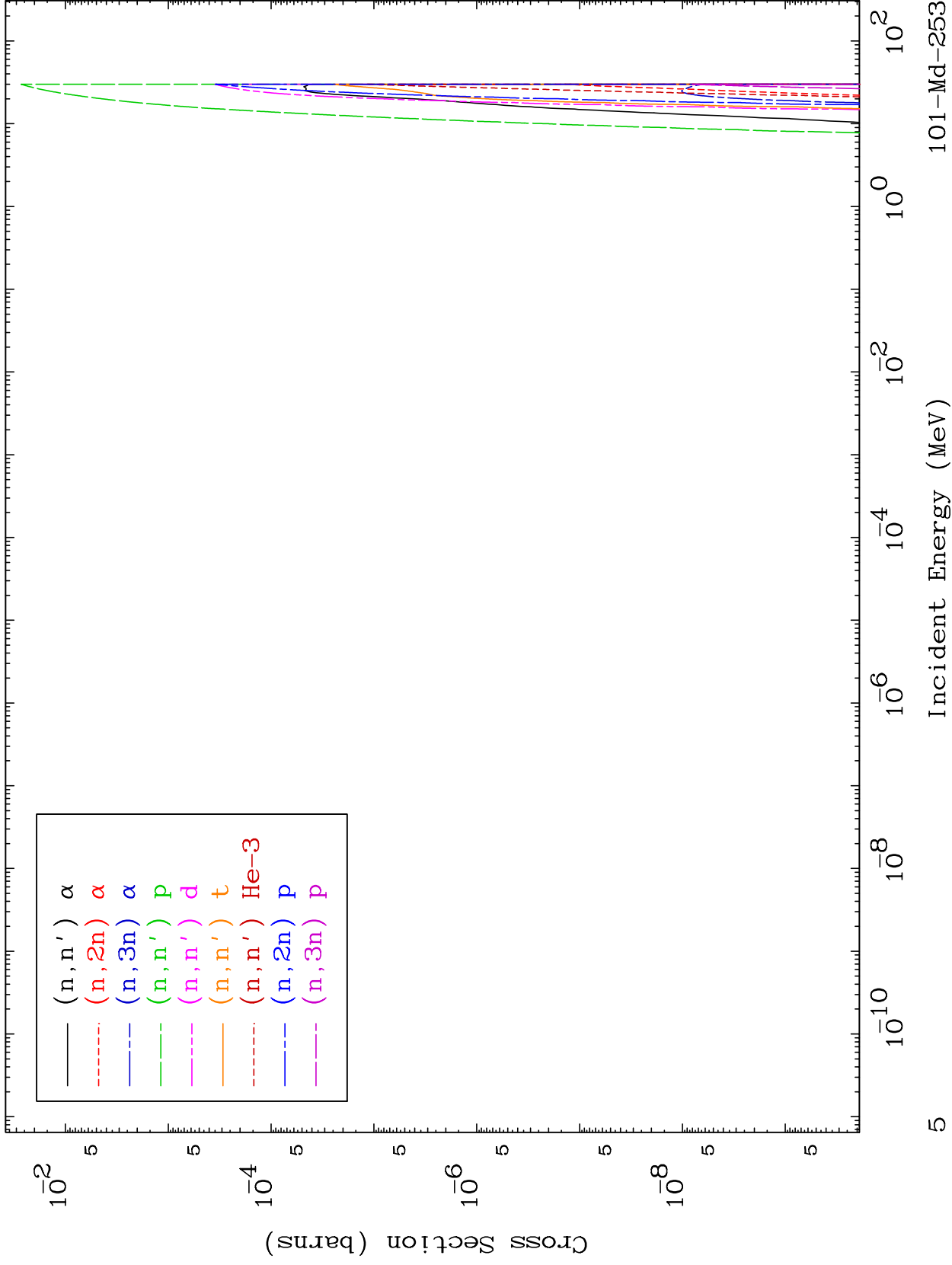




MAT 9954

Charged Particle
293 Kelvin Cross Sections

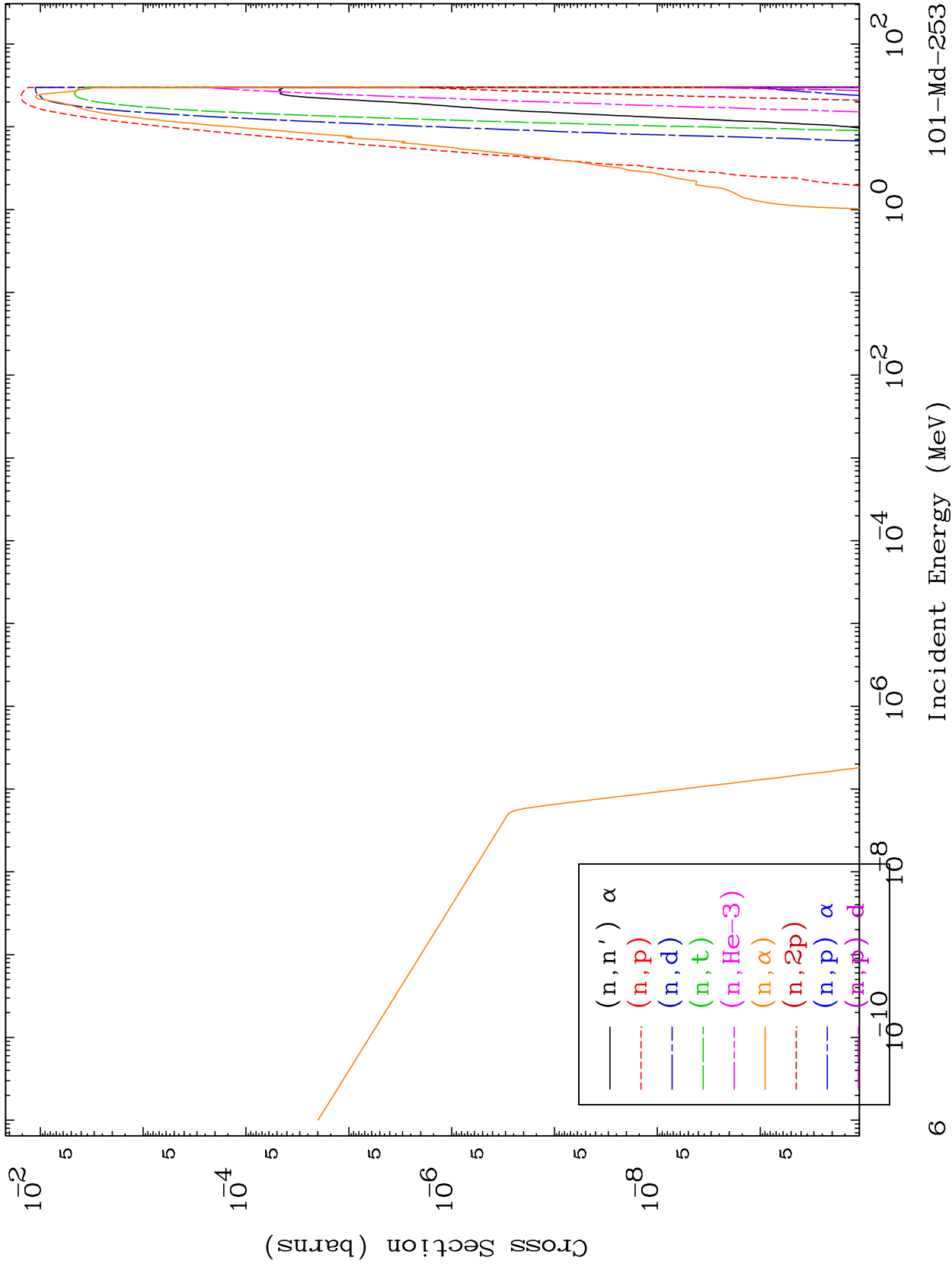
101-Md-253



MAT 9954

Charged Particle
293 Kelvin Cross Sections

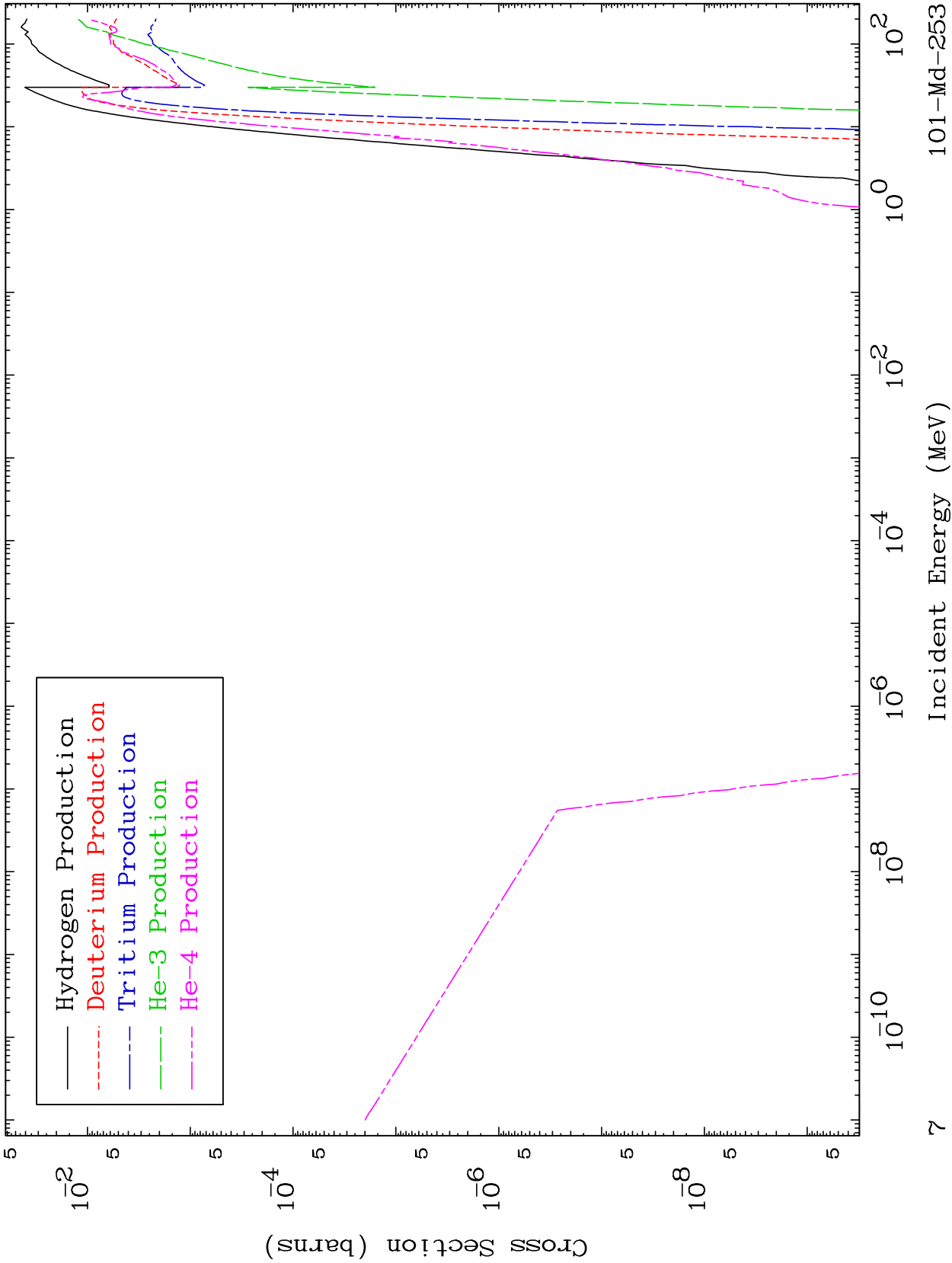
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Particle Production
293 Kelvin Cross Sections

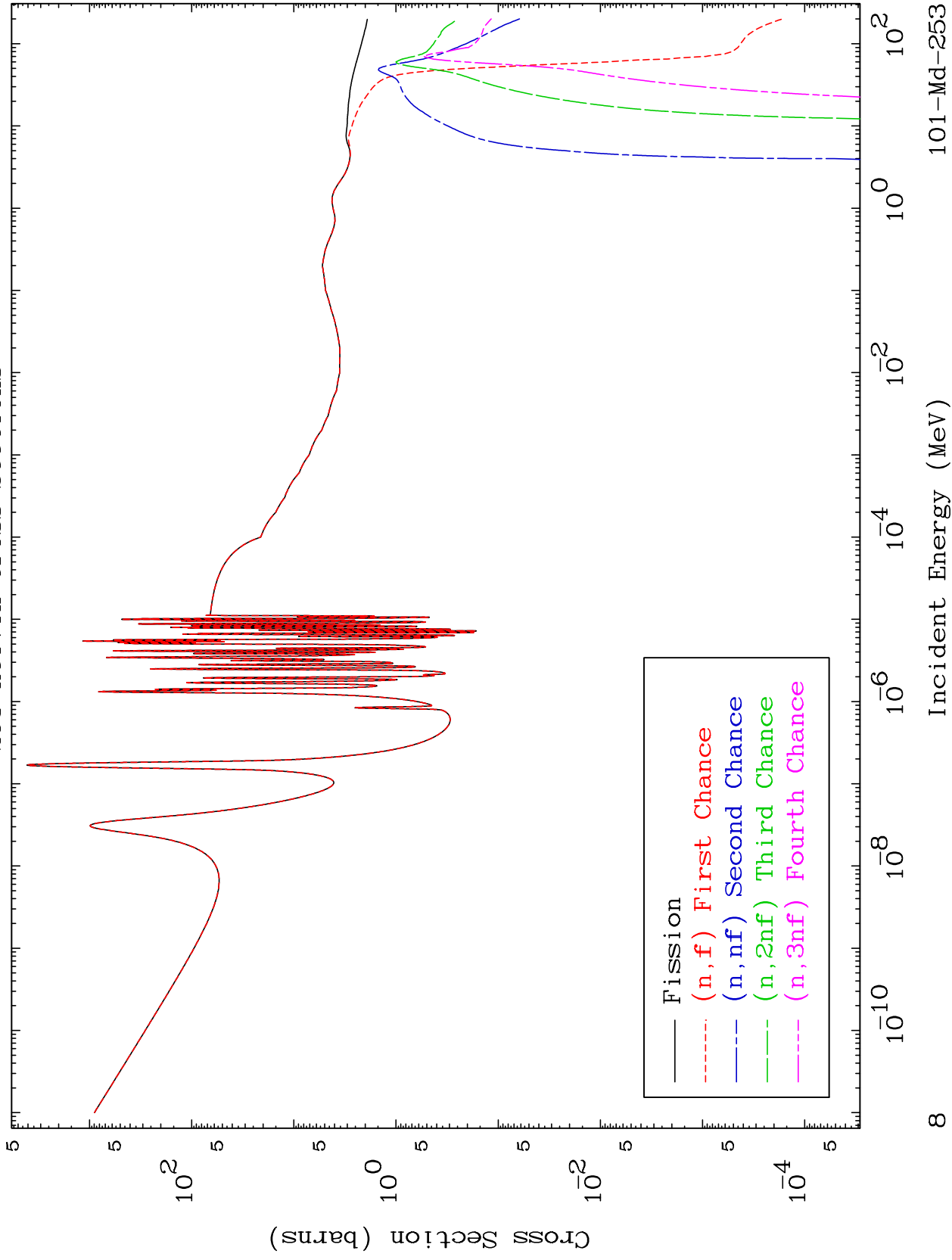
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Fission
293 Kelvin Cross Sections

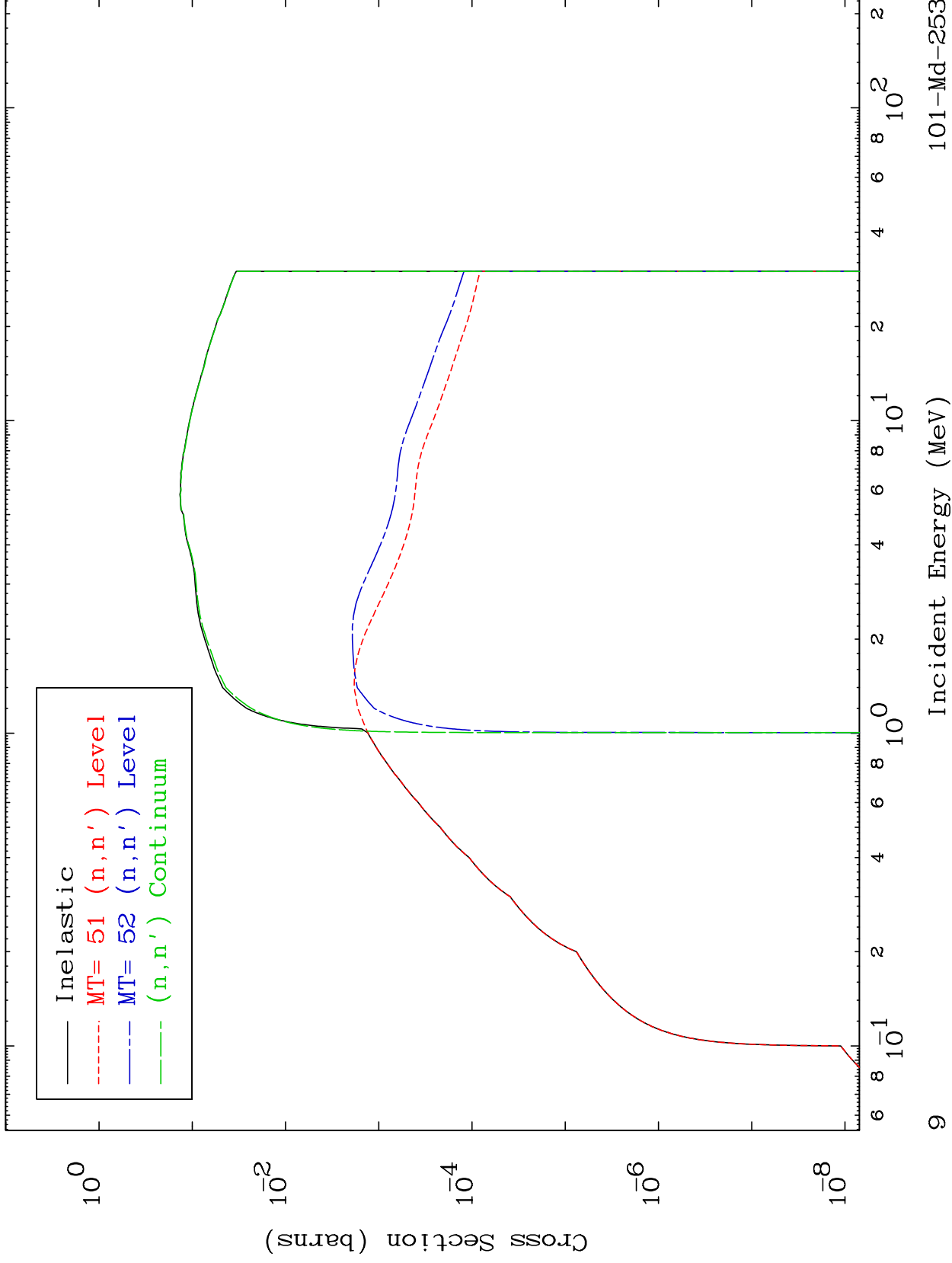
101-Md-253



MAT 9954

(n,n') Levels
293 Kelvin Cross Sections

101-Md-253



9

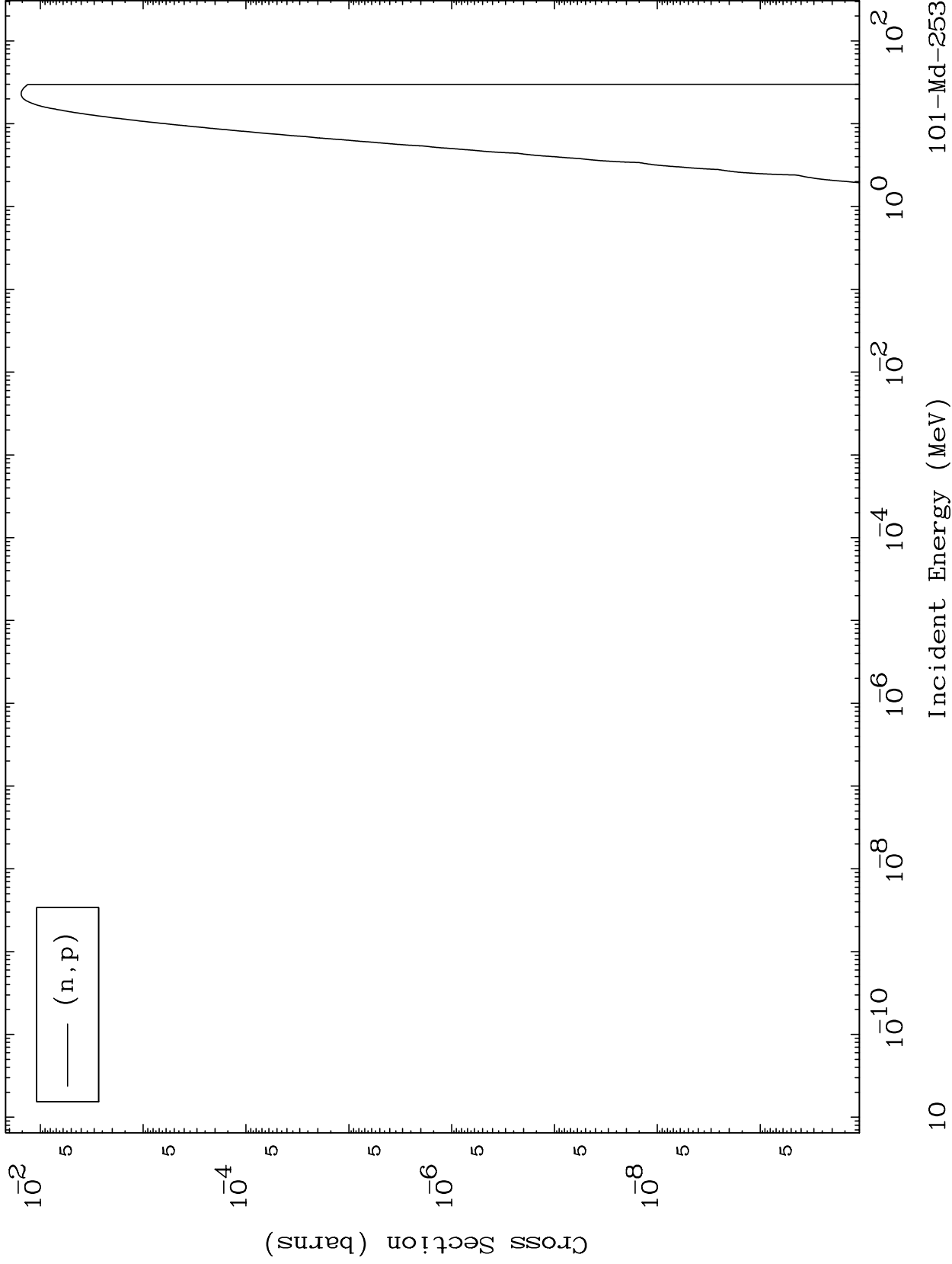
Incident Energy (MeV)

101-Md-253

MAT 9954

(n,p) Levels
293 Kelvin Cross Sections

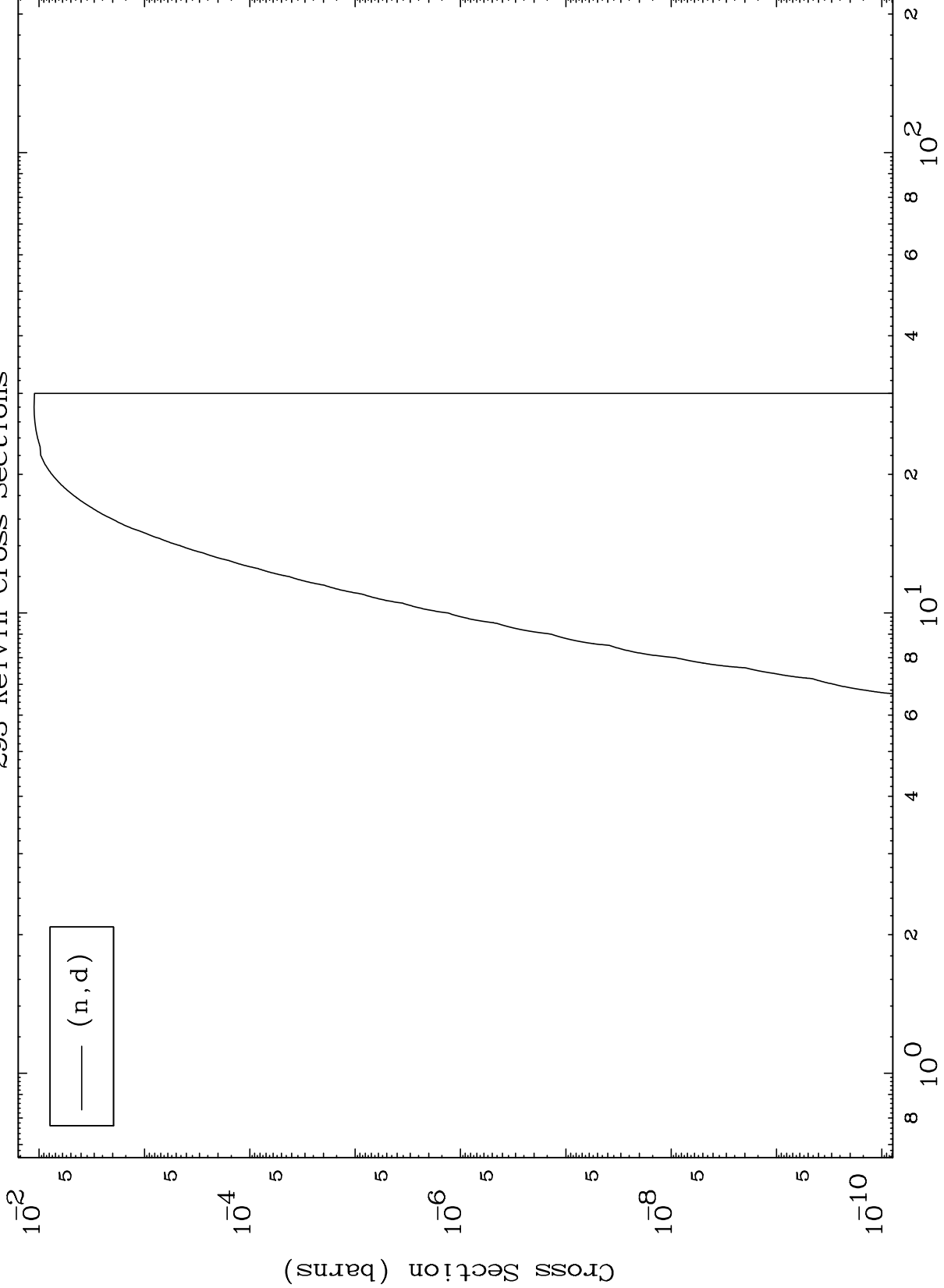
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MAT 9954

(n,d) Levels
293 Kelvin Cross Sections

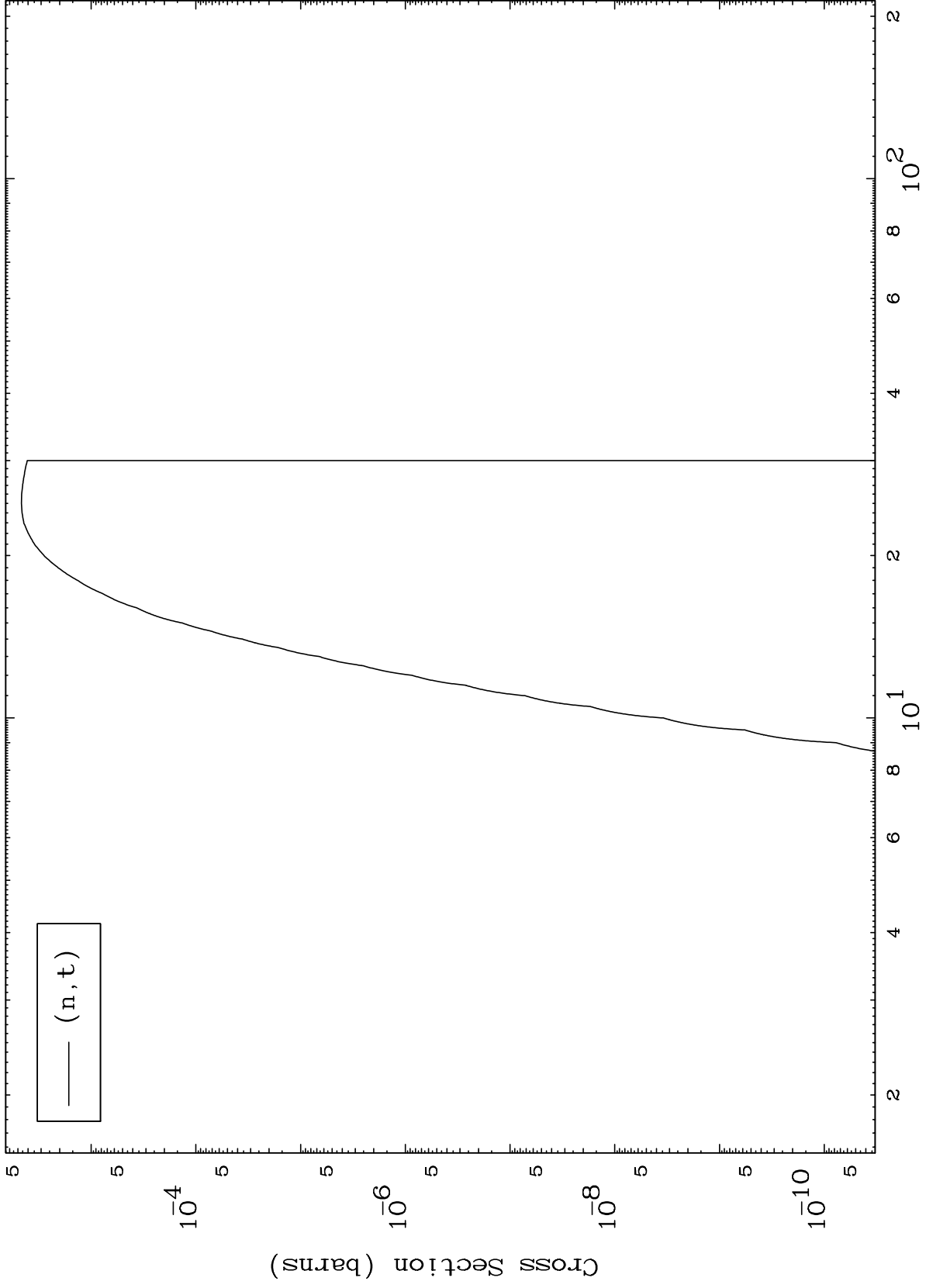
101-Md-253



MAT 9954

(n,t) Levels
293 Kelvin Cross Sections

101-Md-253



12

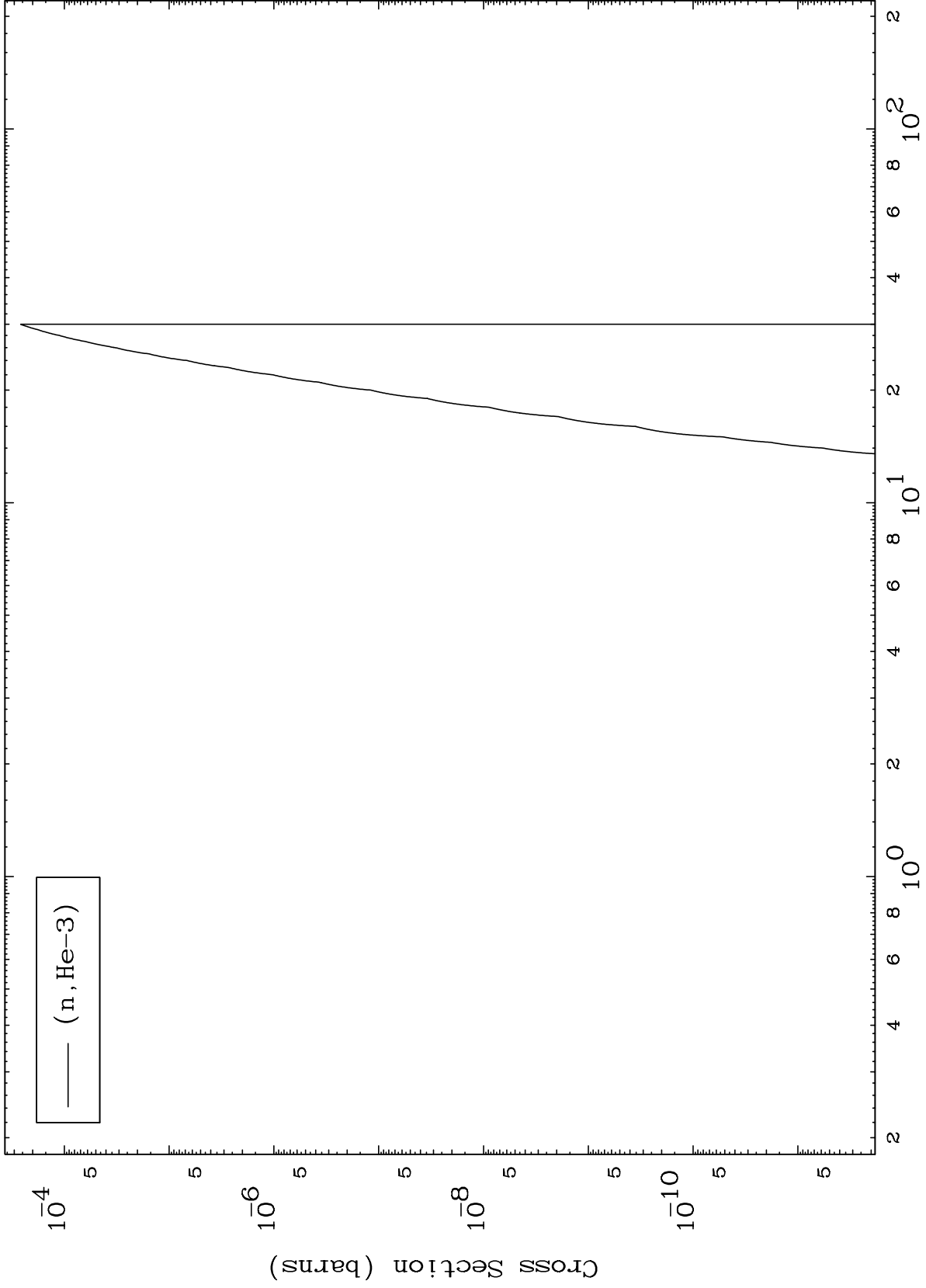
Incident Energy (MeV)

101-Md-253

MAT 9954

(n,He3) Levels
293 Kelvin Cross Sections

101-Md-253



13

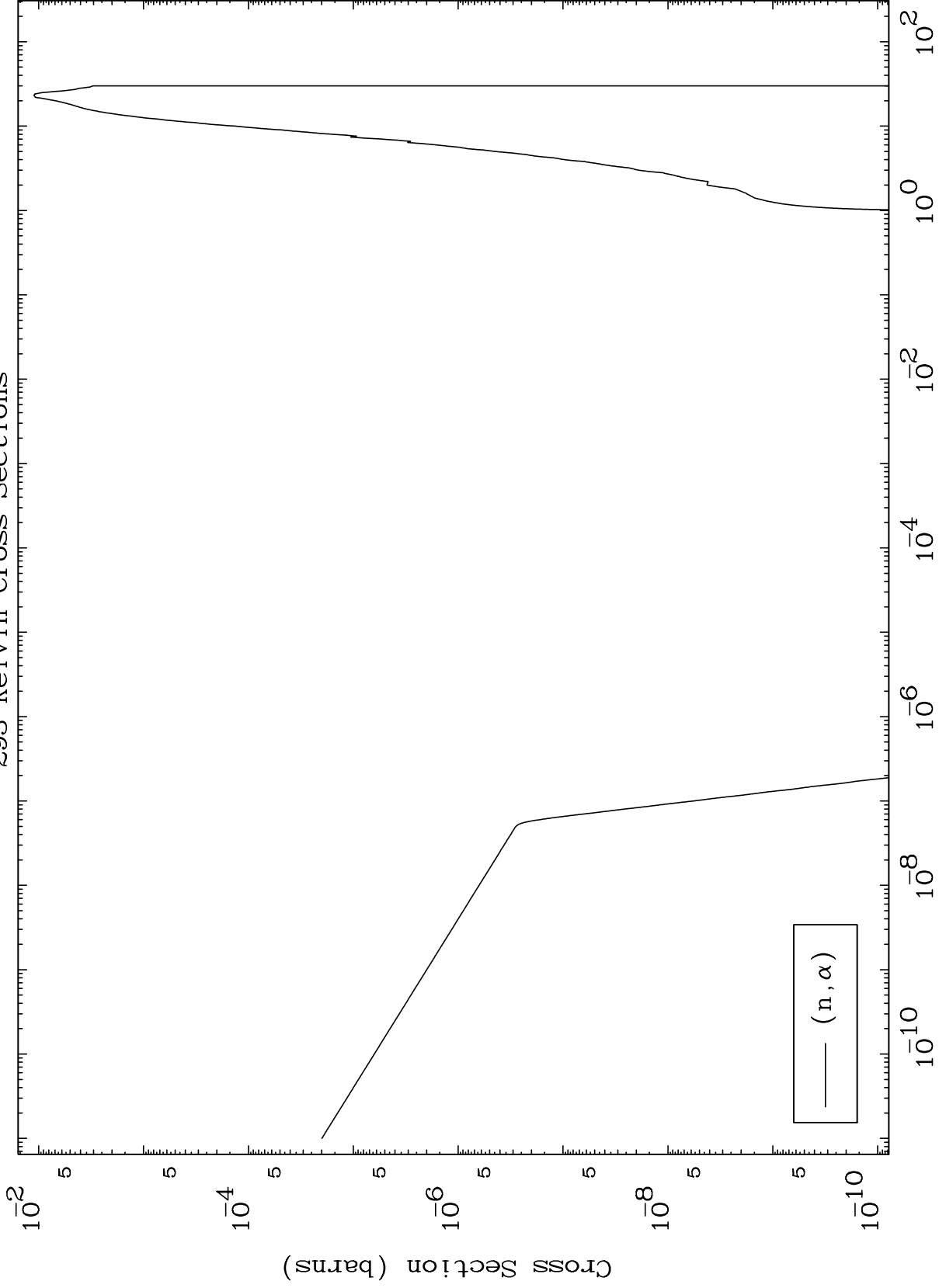
Incident Energy (MeV)

101-Md-253

MAT 9954

(n, α) Levels
293 Kelvin Cross Sections

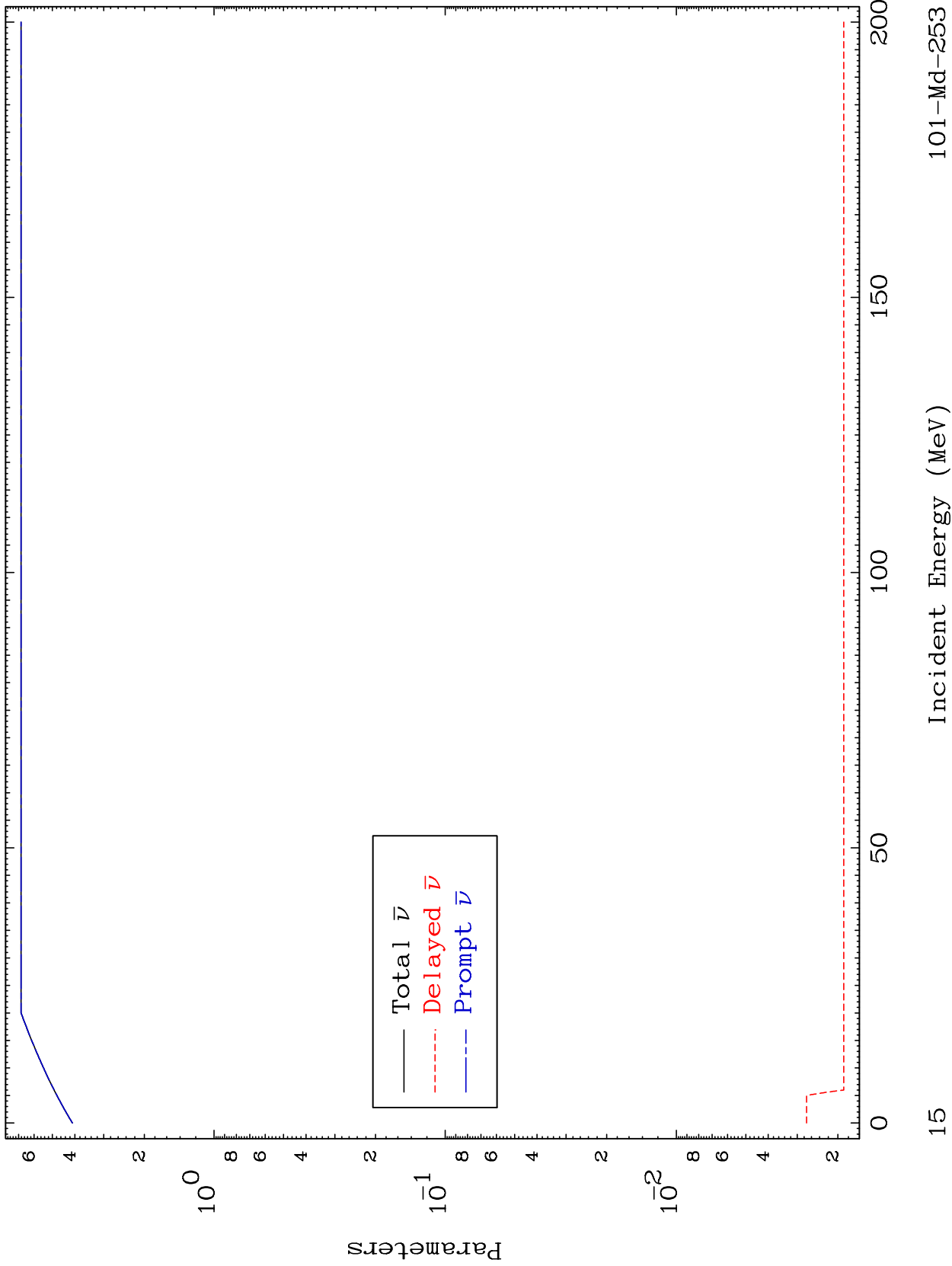
101-Md-253



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Energy Release
Parameters

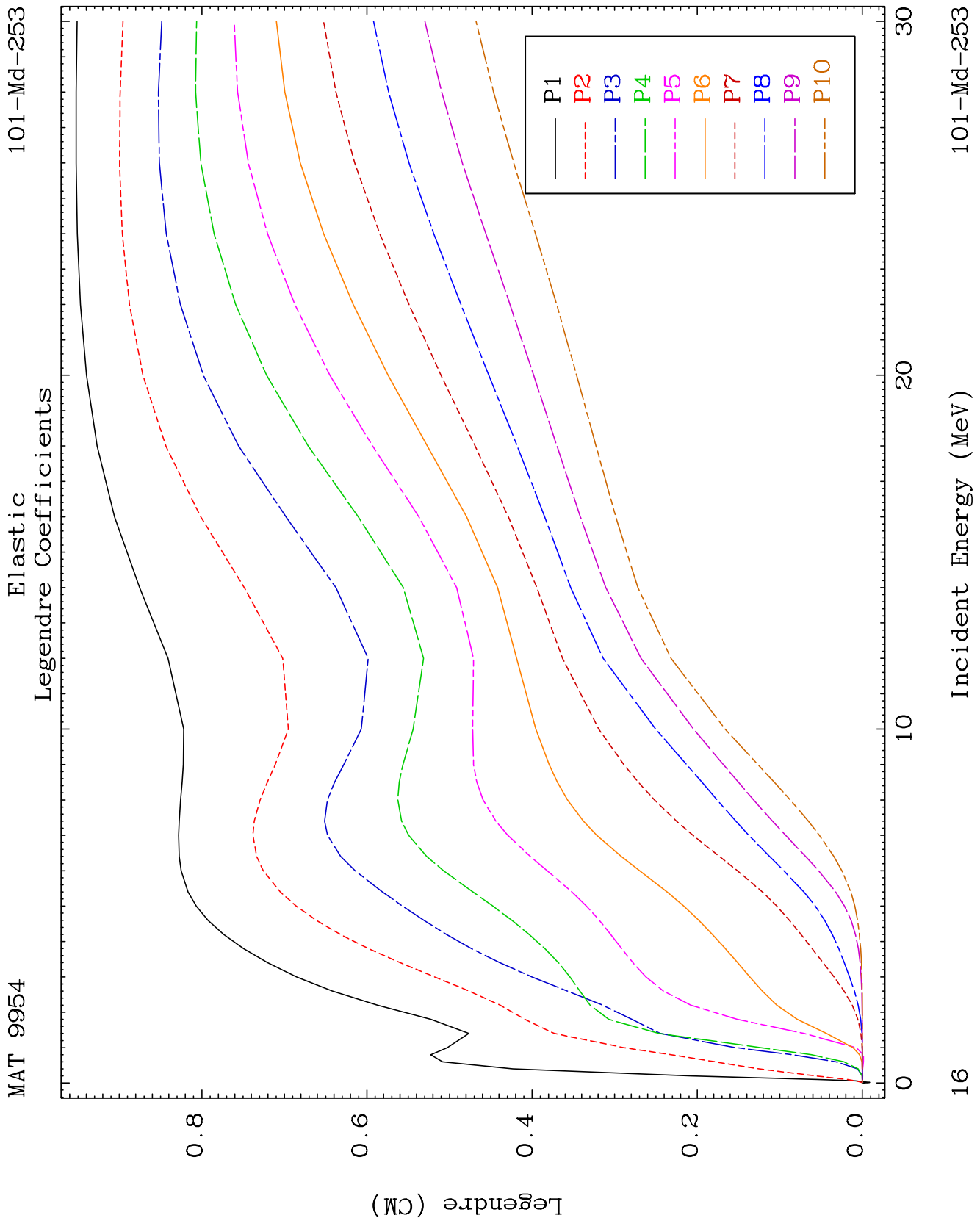
101-Md-253



15

Incident Energy (MeV)

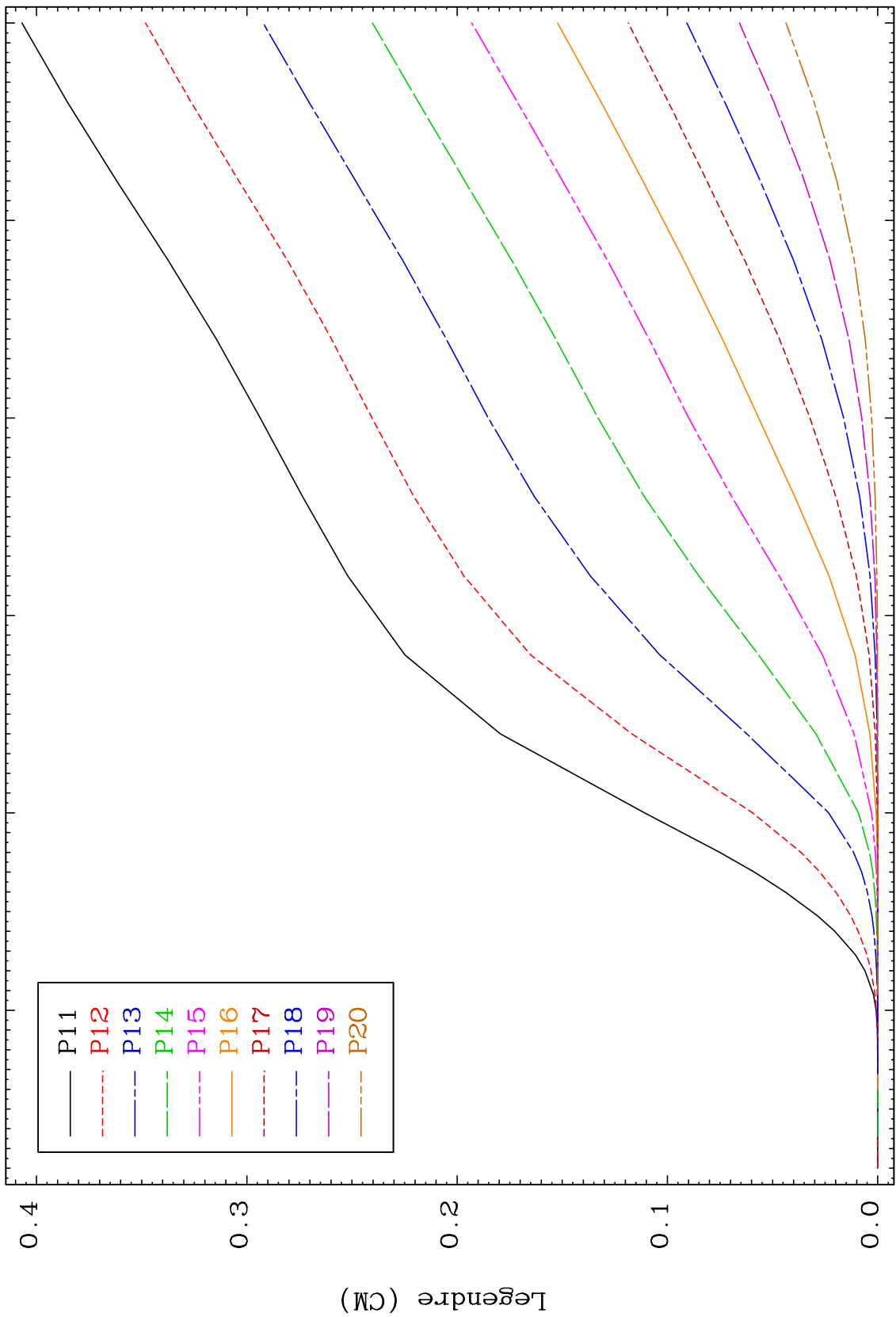
101-Md-253



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Elastic Legendre Coefficients

101-Md-253



17

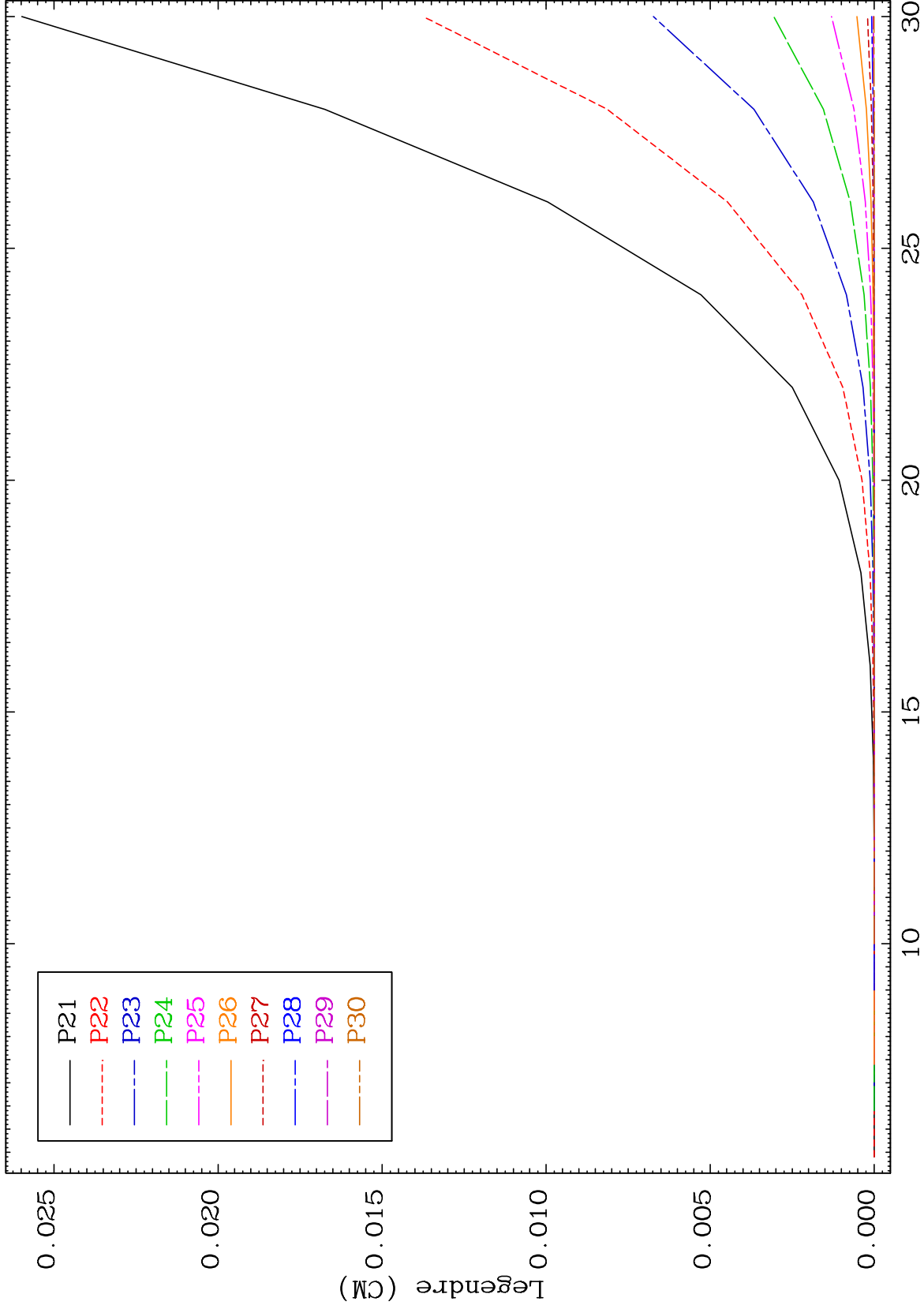
Incident Energy (MeV)

101-Md-253

MAT 9954

Elastic Legendre Coefficients

101-Md-253



18

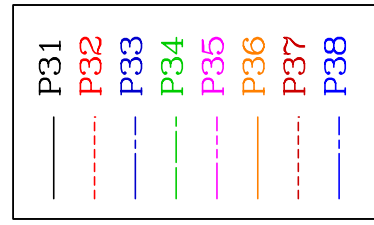
Incident Energy (MeV)

101-Md-253

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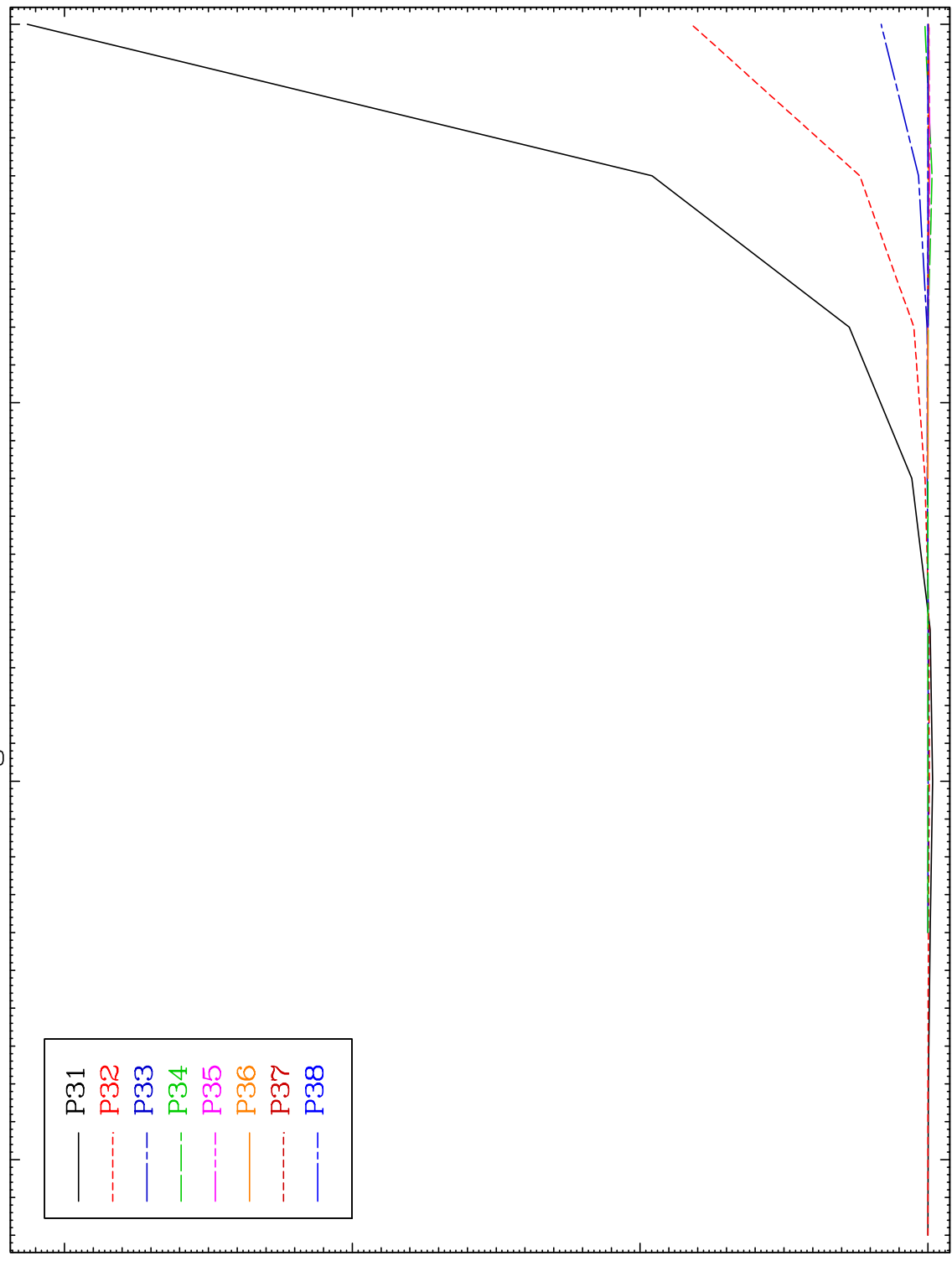
Elastic Legendre Coefficients

101-Md-253



$\times 10^{-63}$

Legendre (CM)



19

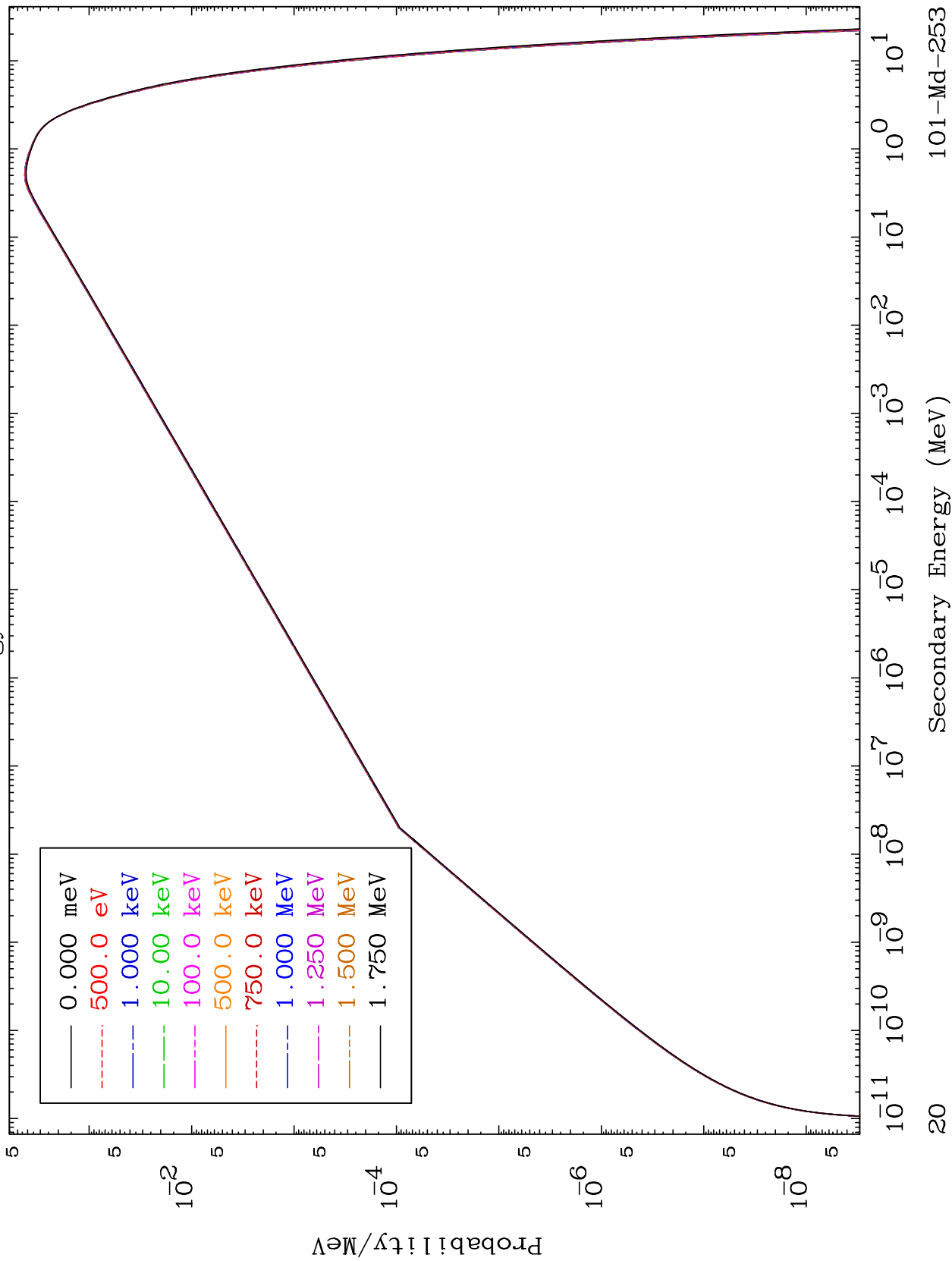
Incident Energy (MeV)

101-Md-253

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Fission Energy Distributions

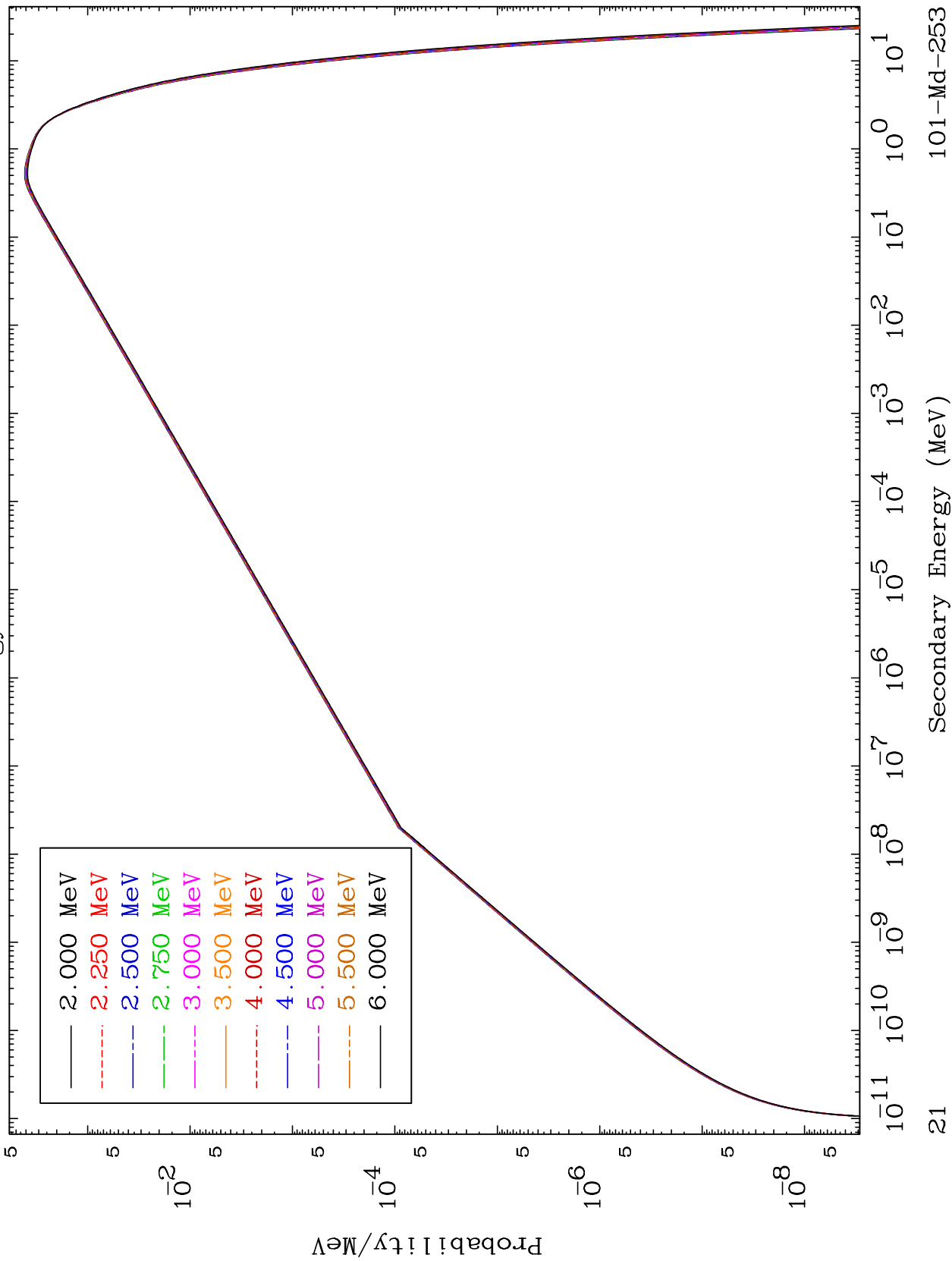
101-Md-253



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Fission Energy Distributions

101-Md-253



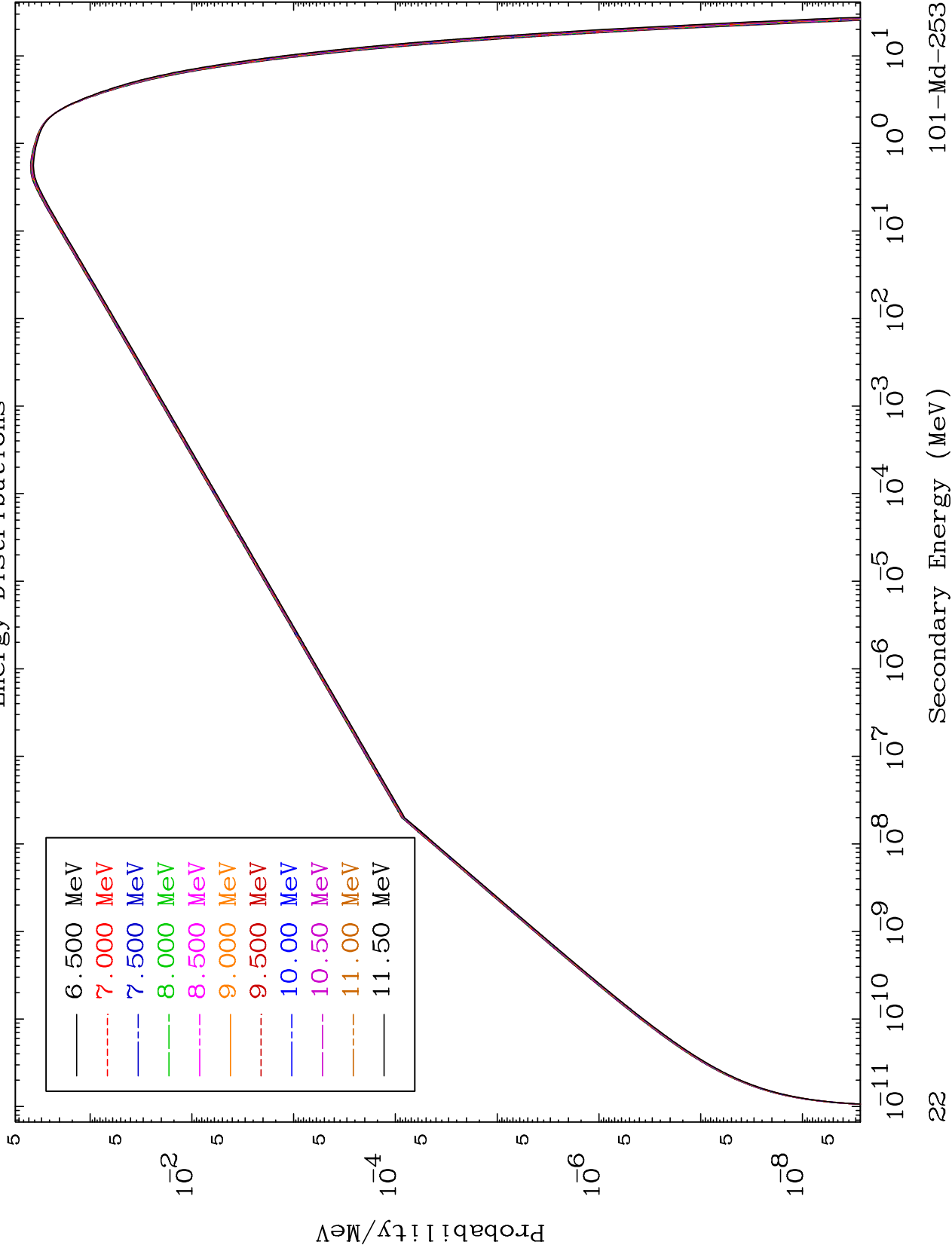
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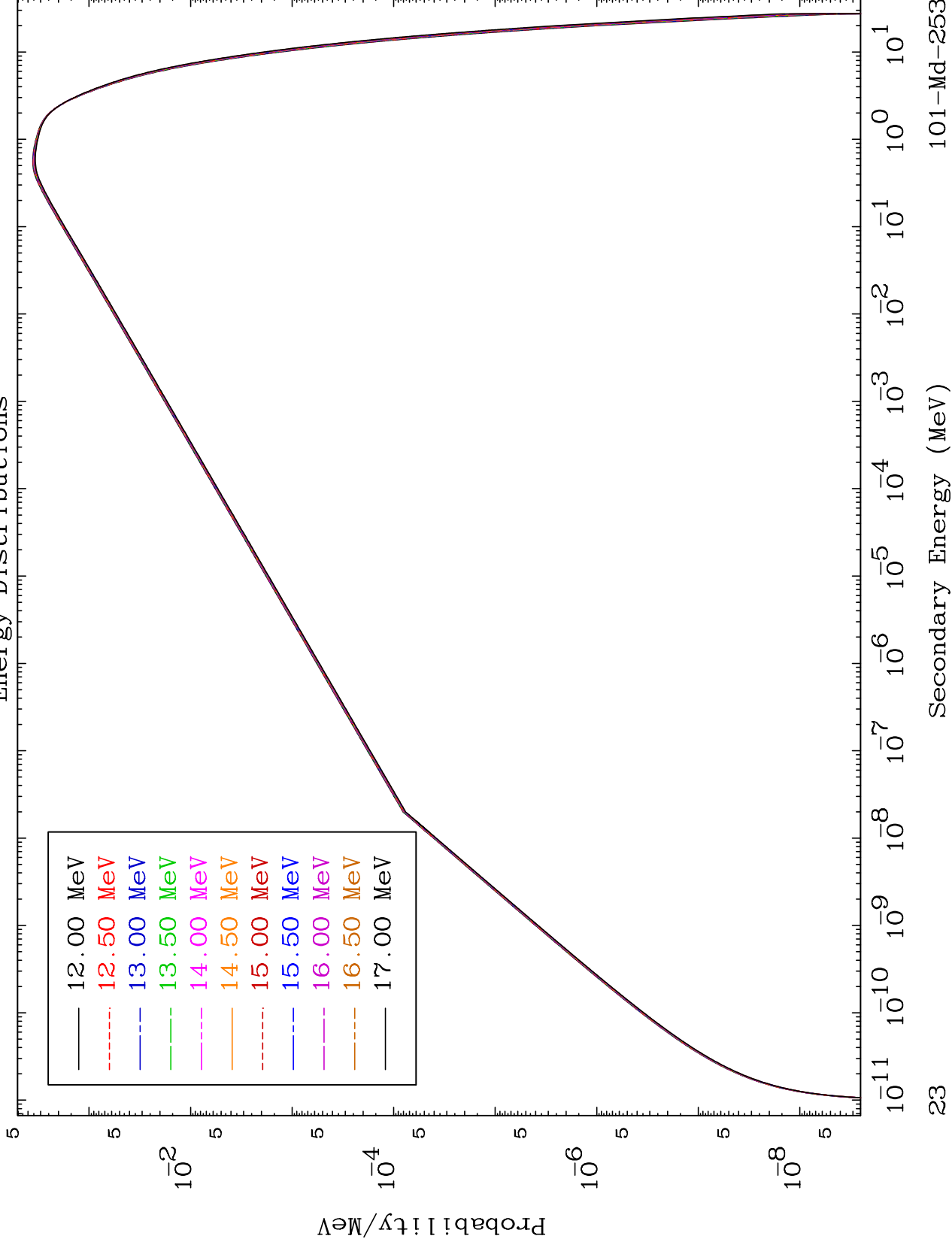
Secondary Energy (MeV)

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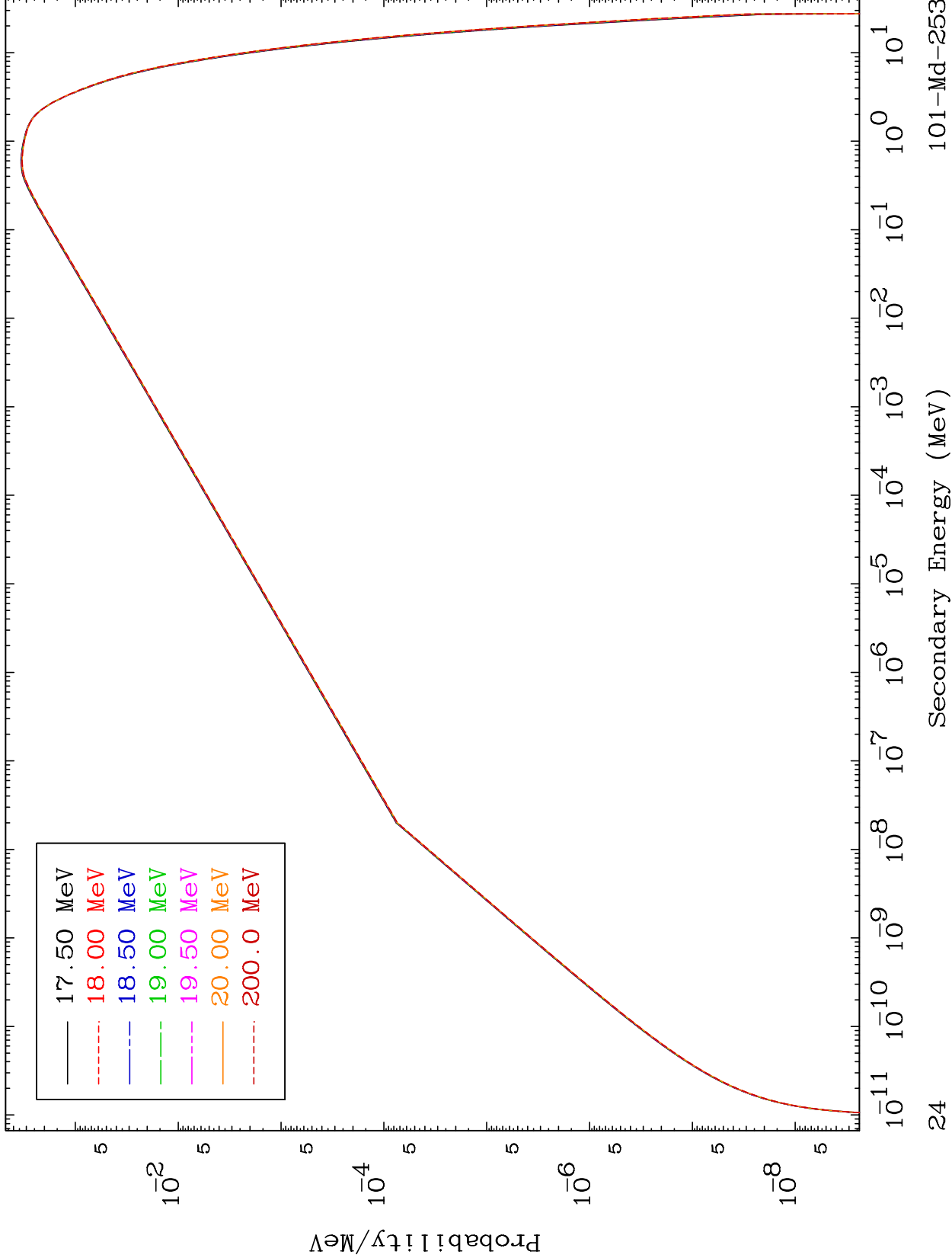
Fission Energy Distributions

101-Md-253

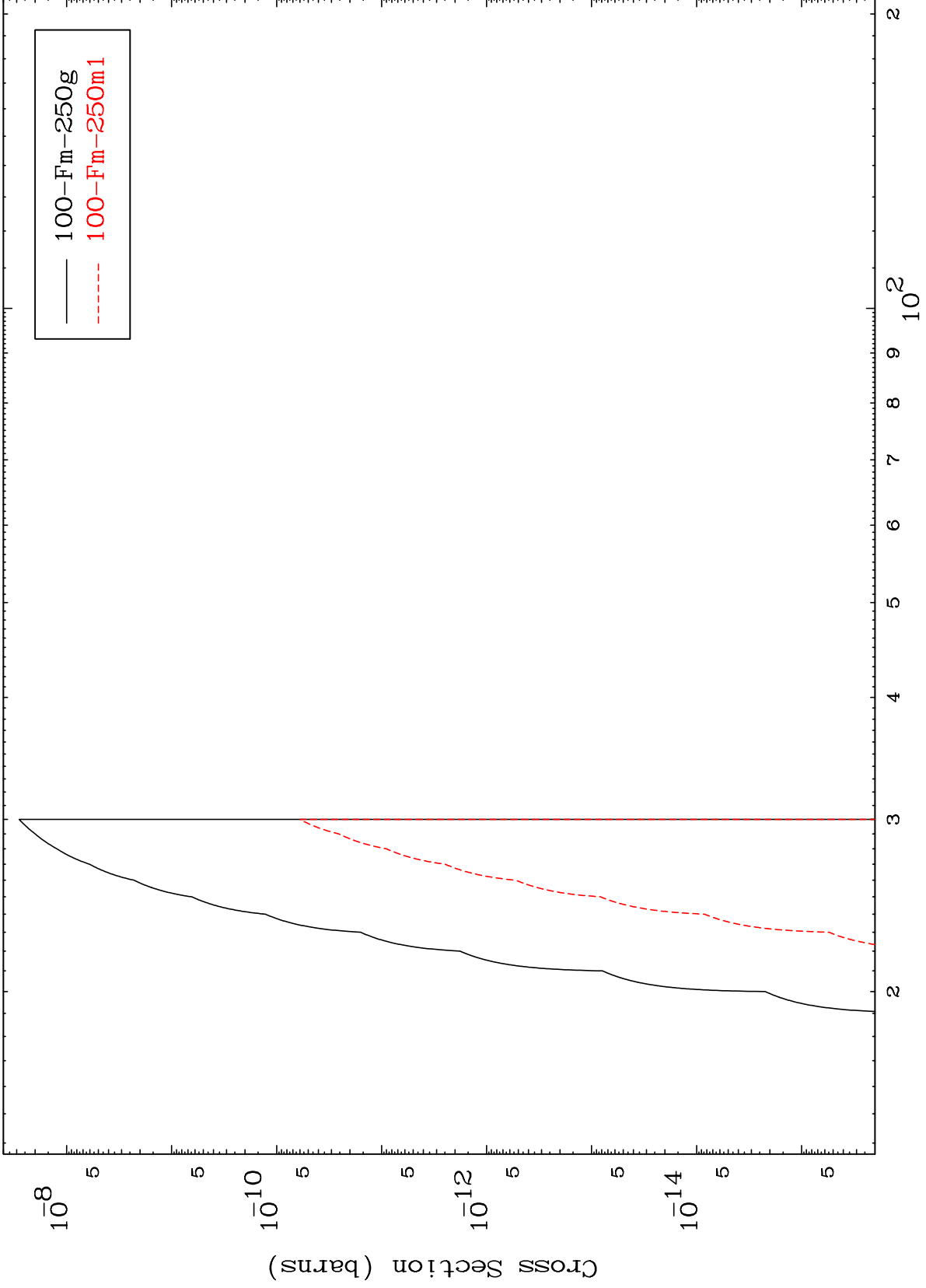




Fission Energy Distributions



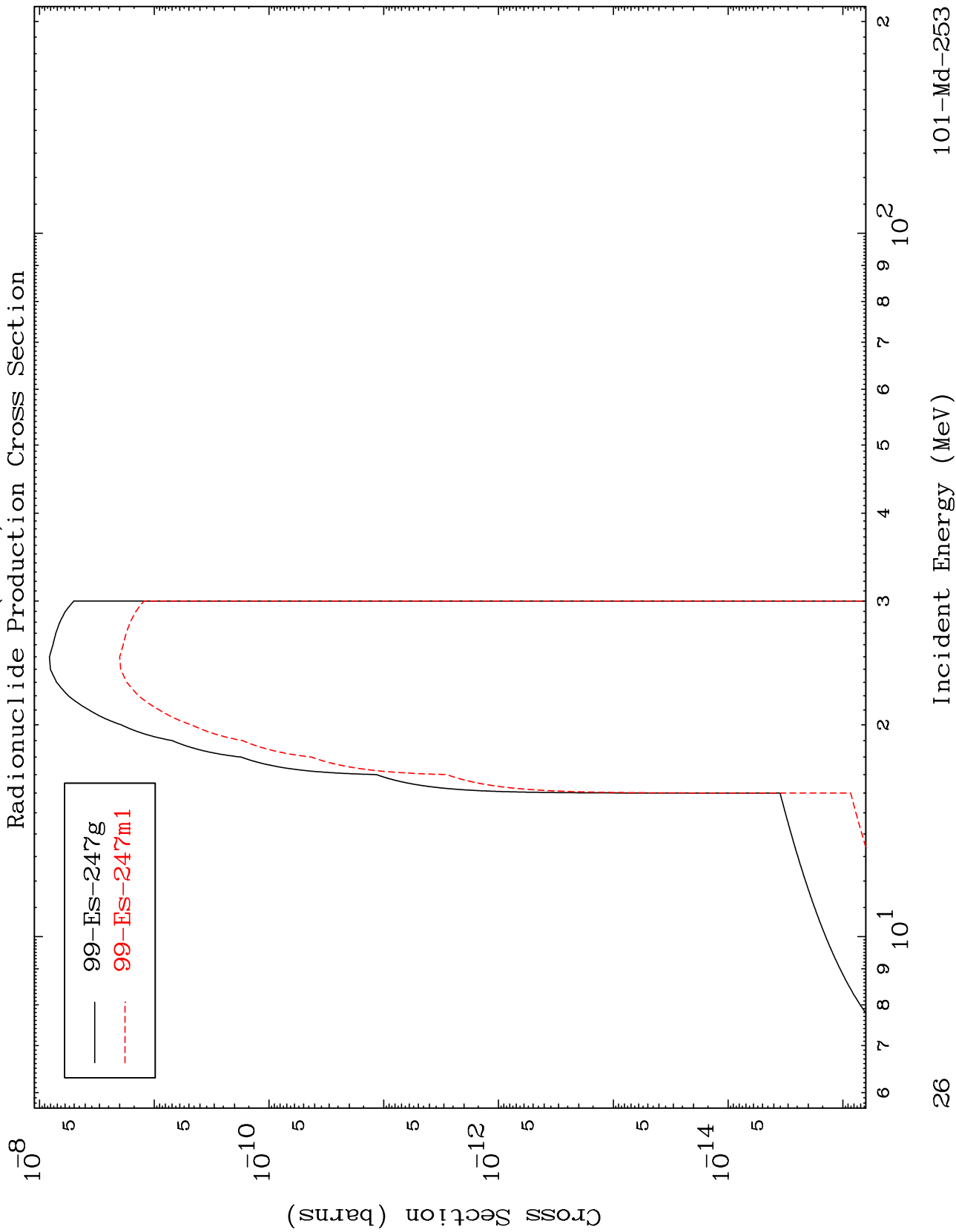
Radionuclide Production Cross Section



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(n,3n) α

101-Md-253



26

Incident Energy (MeV)

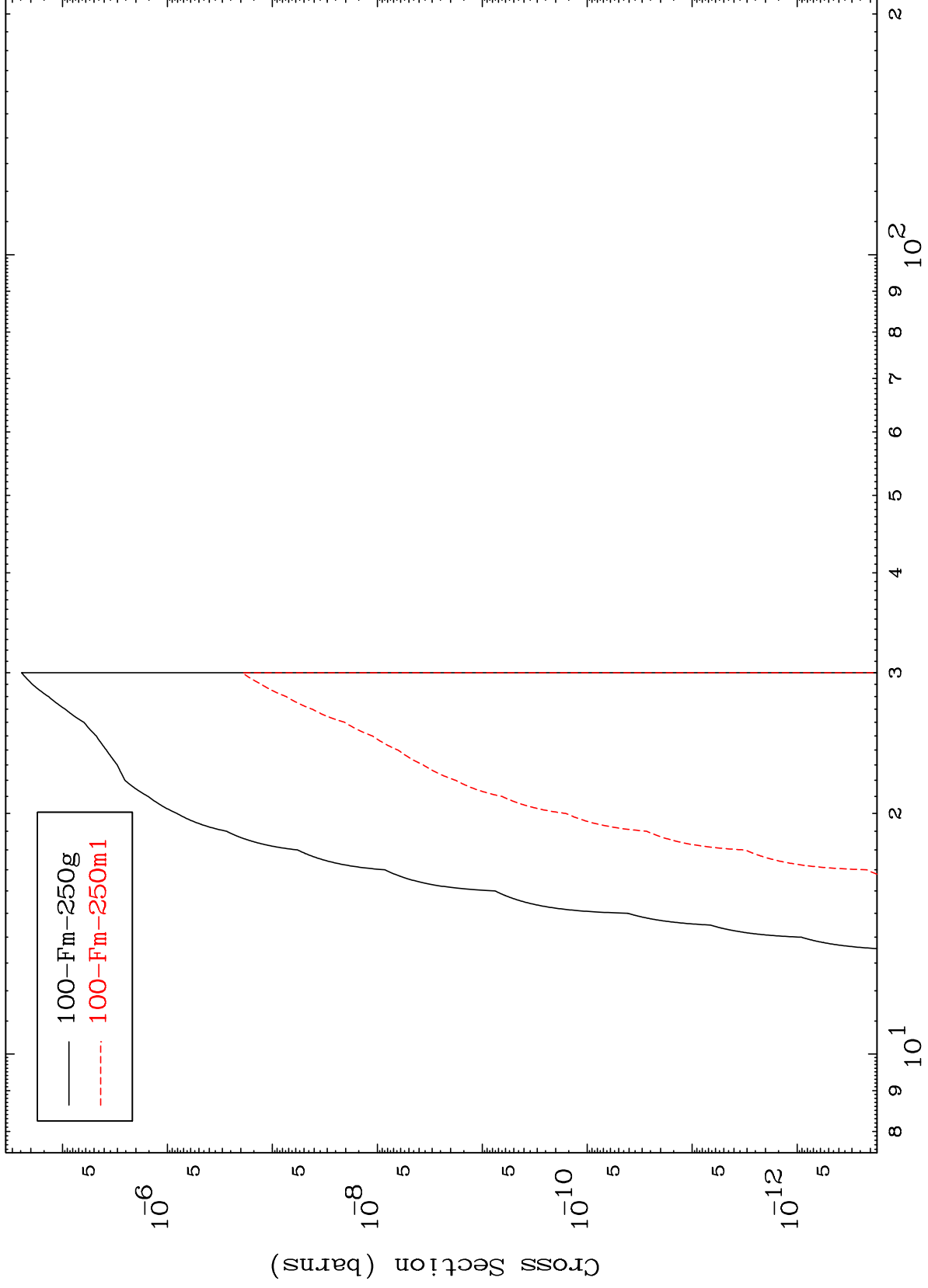
101-Md-253

MAT 9954

(n,n') t

101-Md-253

Radionuclide Production Cross Section



27

Incident Energy (MeV)

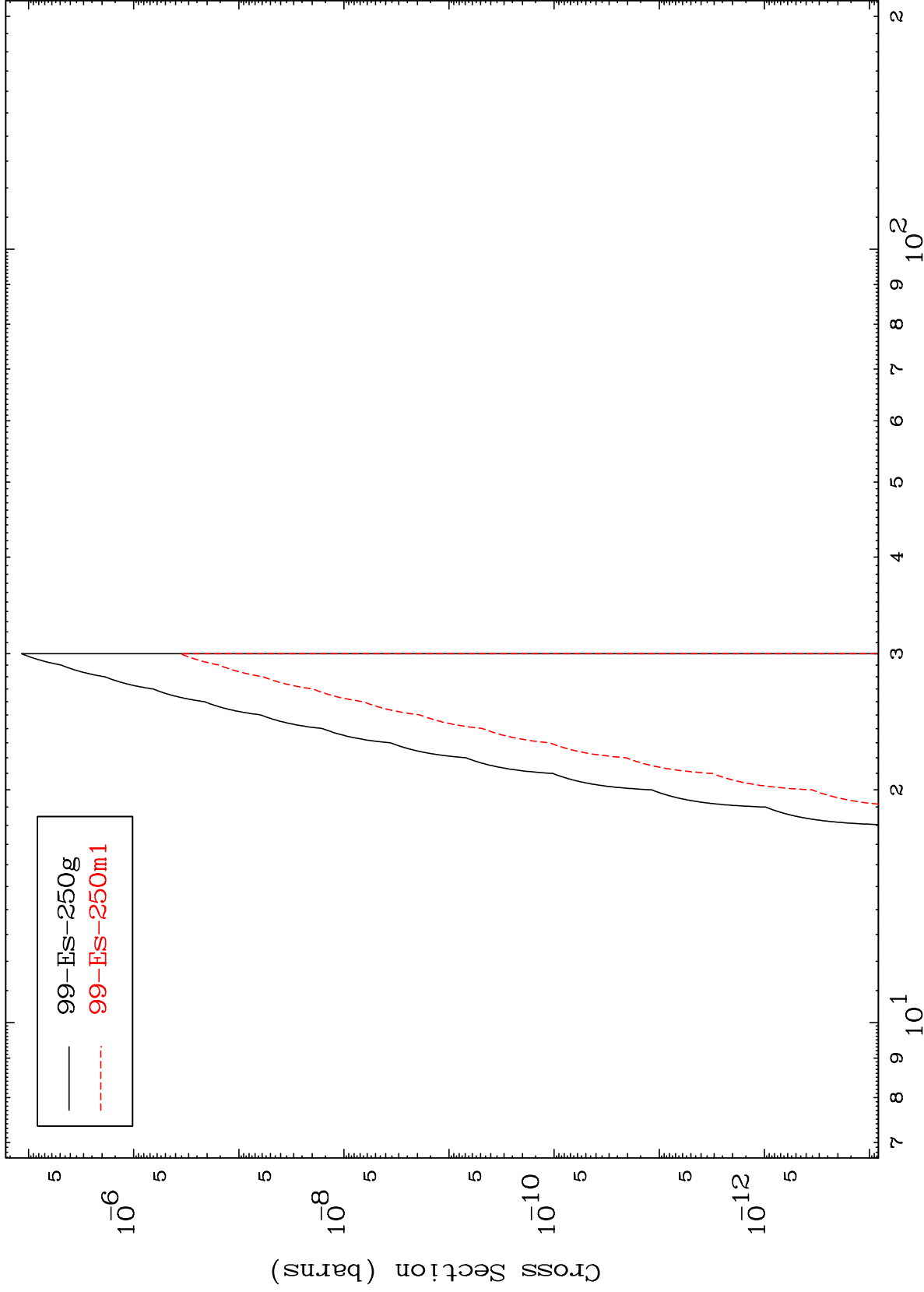
101-Md-253

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(n,n') He-3

101-Md-253

Radionuclide Production Cross Section



99-Es-250g
99-Es-250m1

28

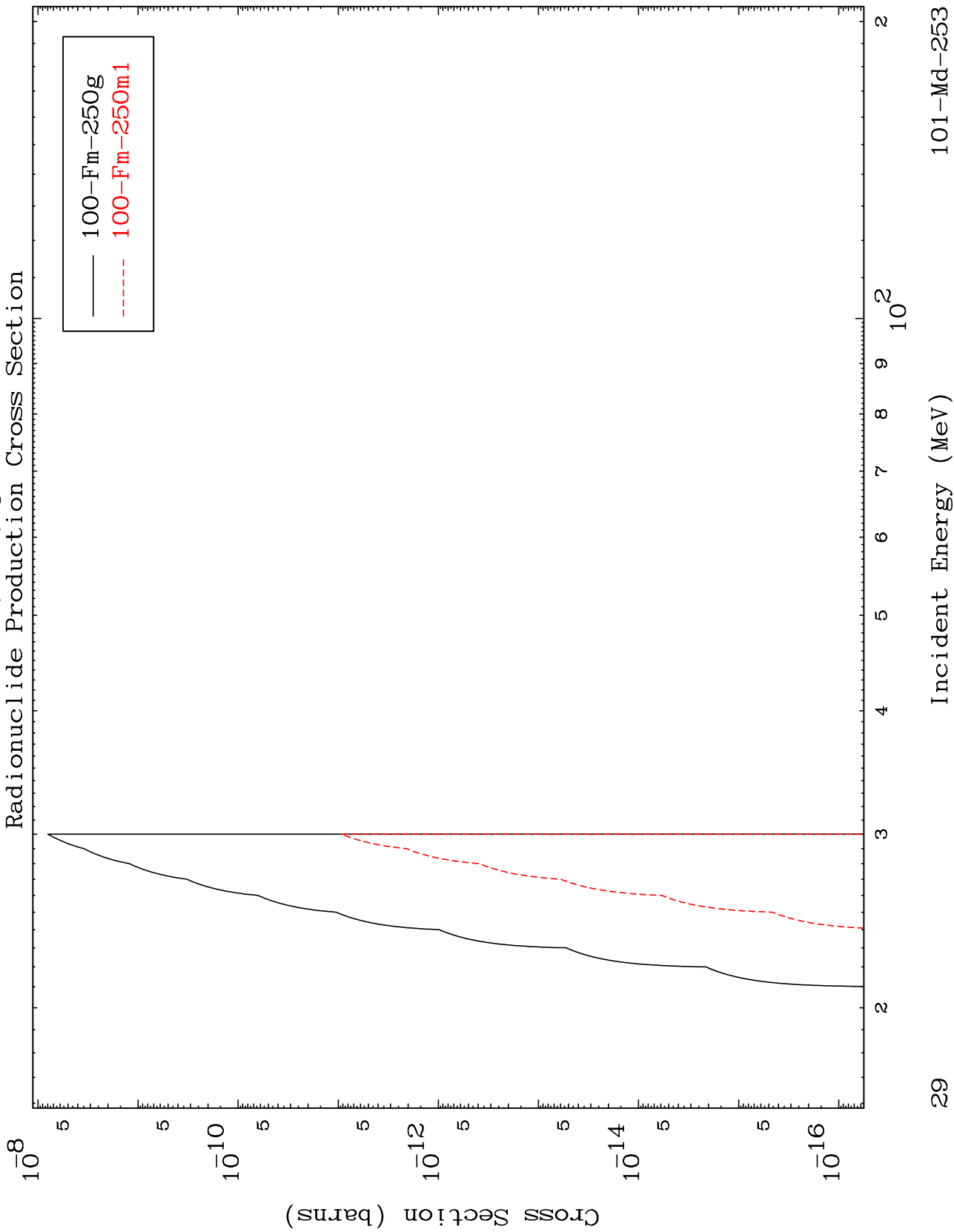
Incident Energy (MeV)

101-Md-253

MAT 9954

(n,3n) p

101-Md-253



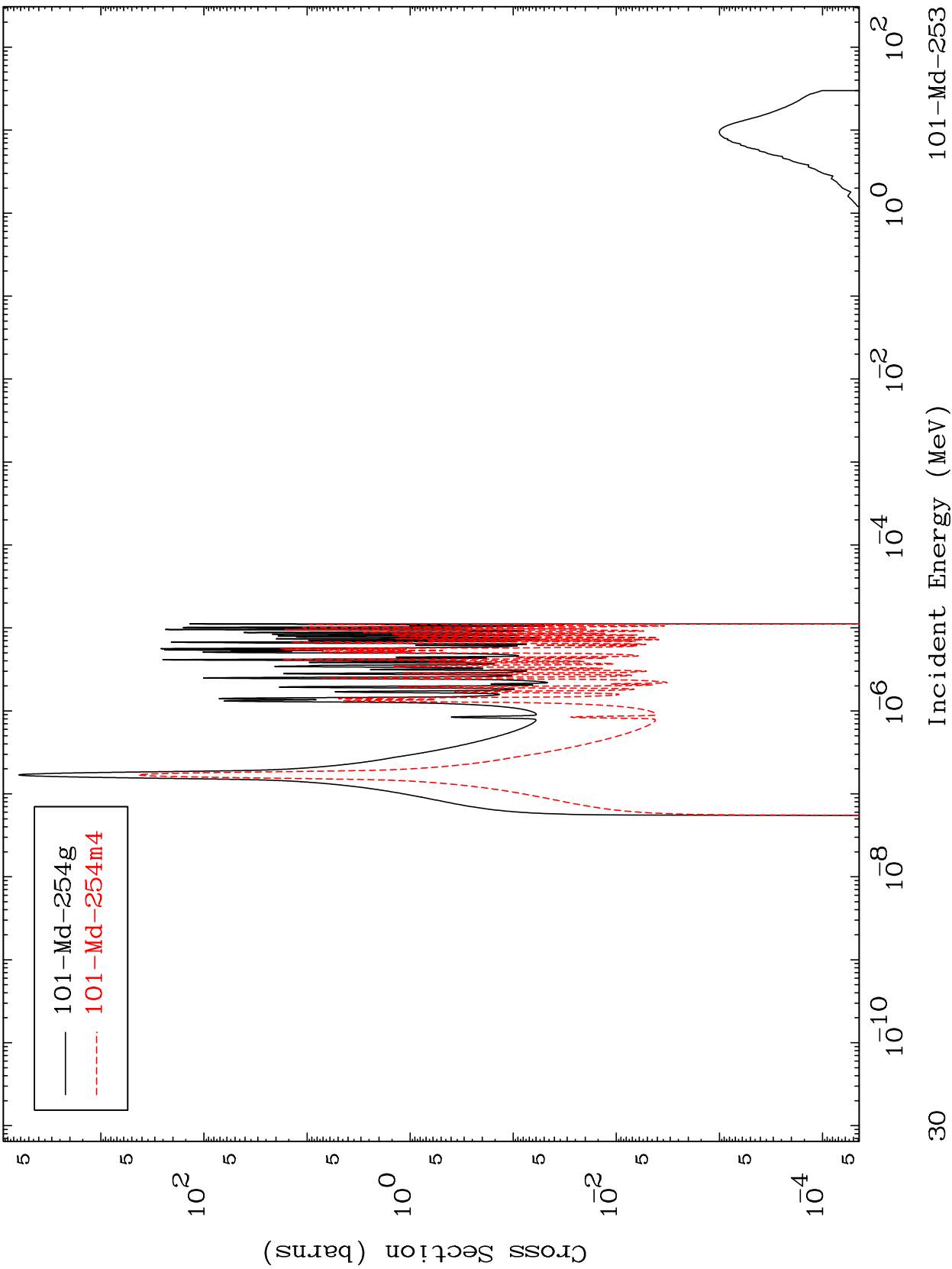
29

101-Md-253

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101-Md-253

(n, γ)
Radionuclide Production Cross Section



MAT 9954

101-Md-253

(n, α)
Radionuclide Production Cross Section

