

Program EVALPLOT
(Version 2018-1)

by

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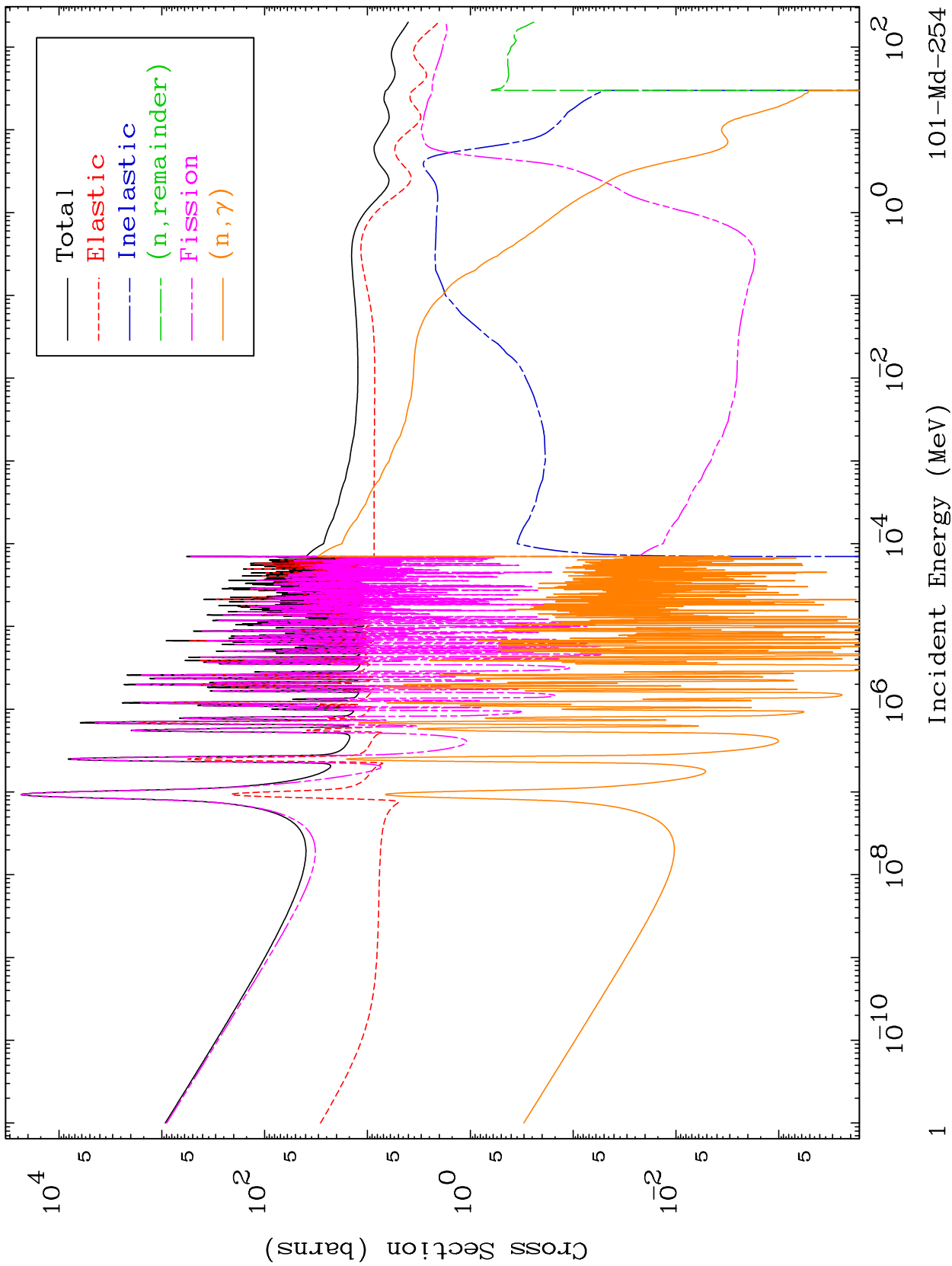
Press Mouse Button to Start

MAT 9960

Major

293 Kelvin Cross Sections

101-Md-254



1

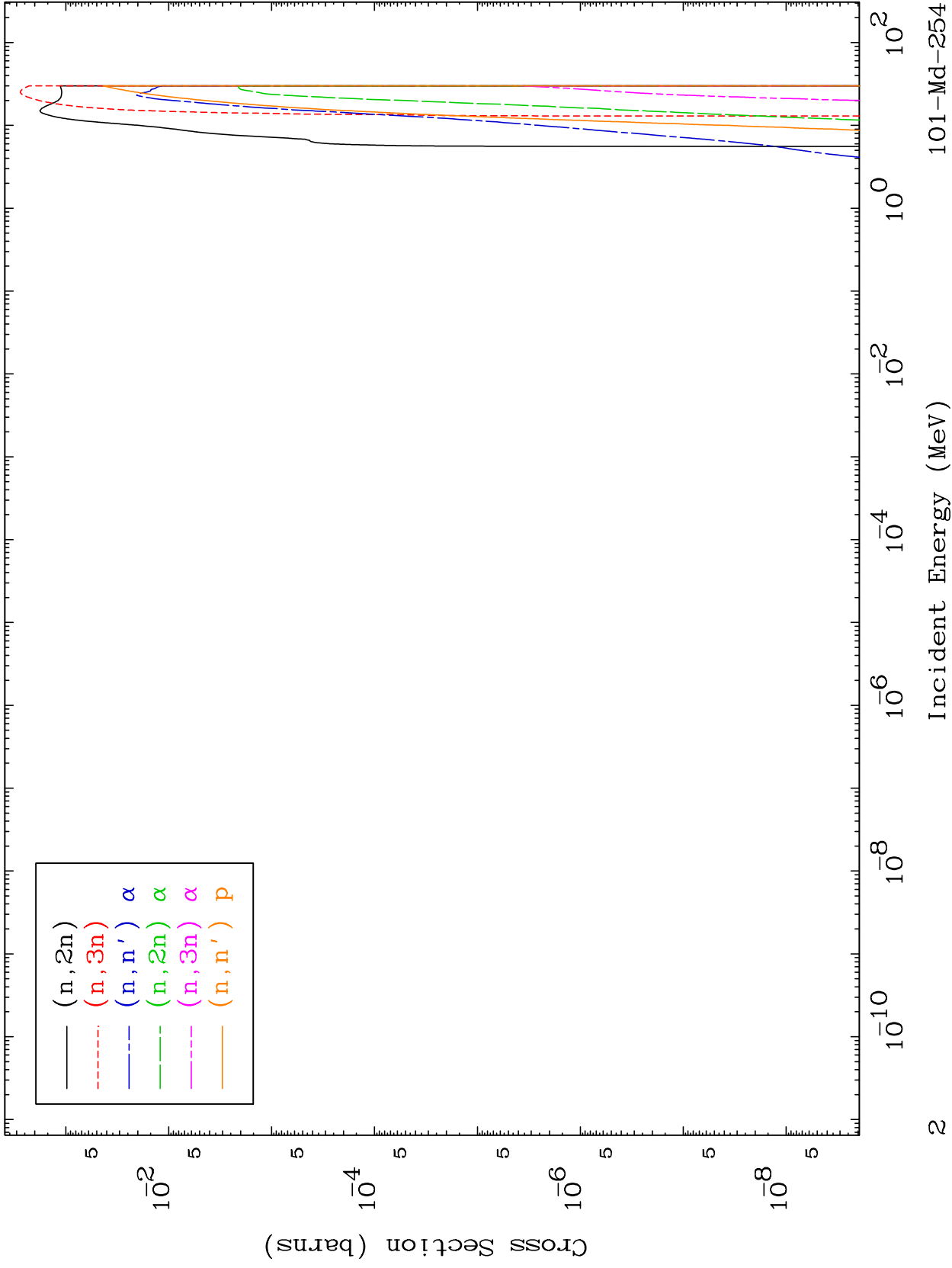
Incident Energy (MeV)

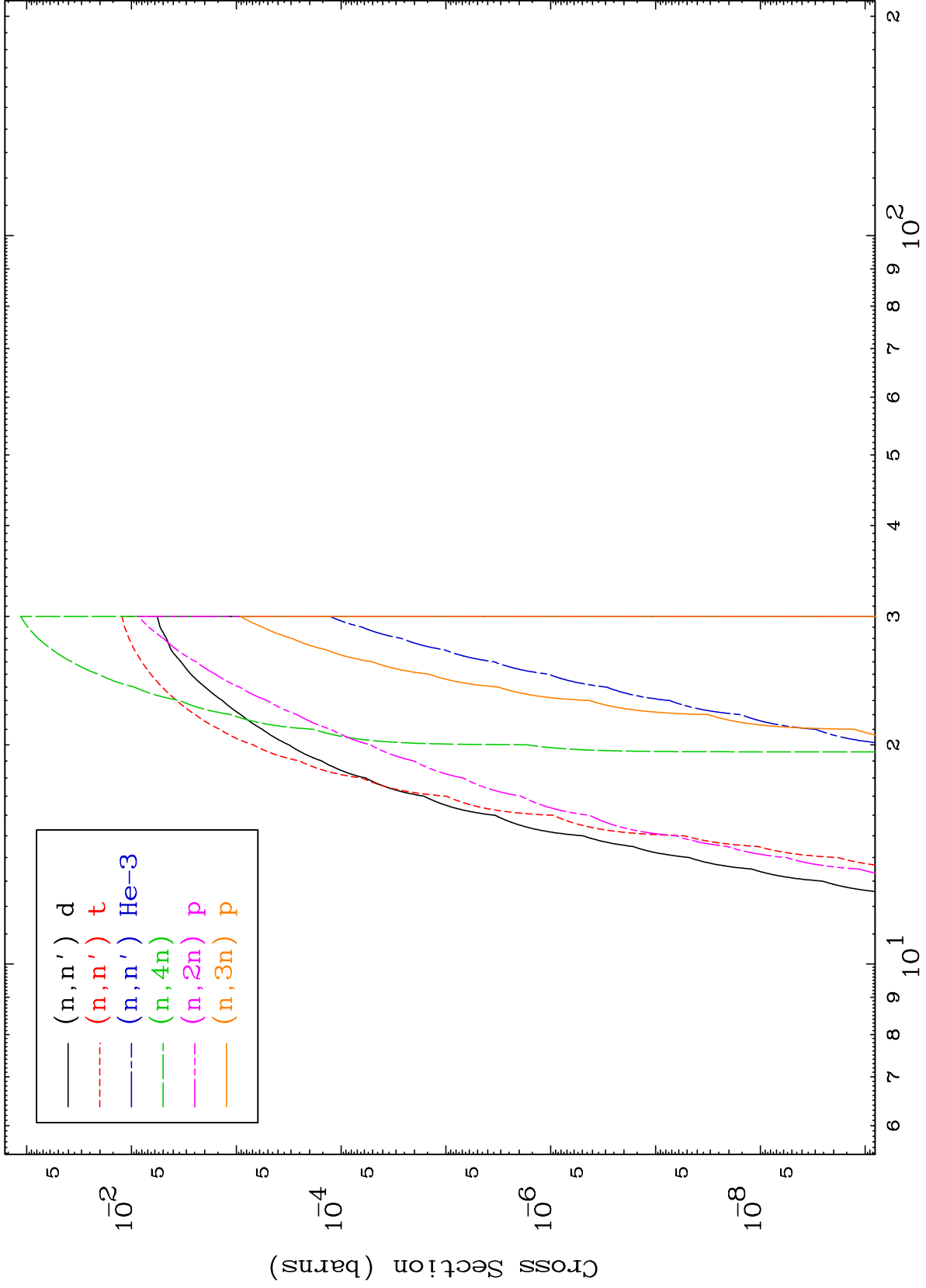
101-Md-254

MAT 9960

Neutron Production
293 Kelvin Cross Sections

101-Md-254

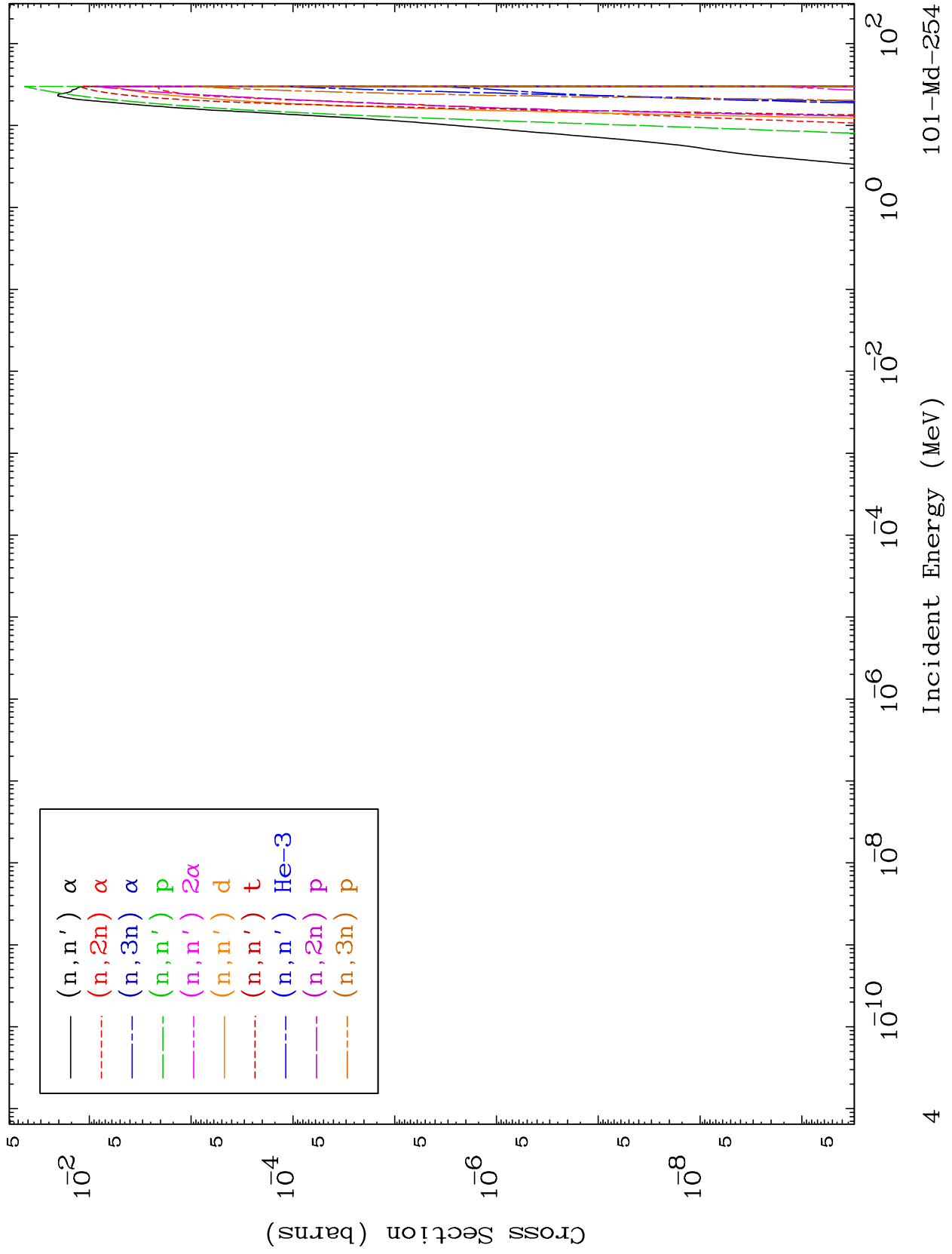




MAT 9960

Charged Particle
293 Kelvin Cross Sections

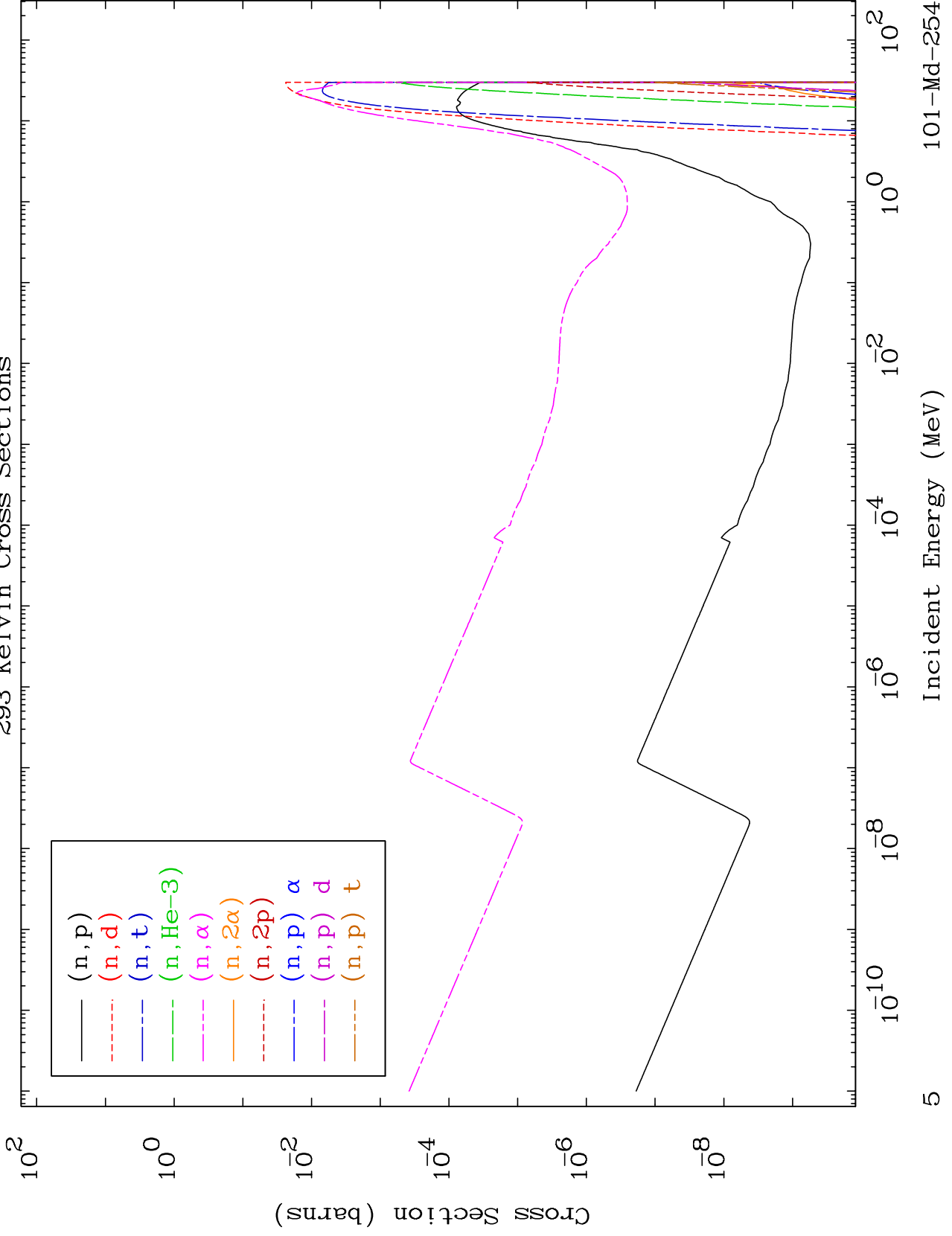
101-Md-254



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Charged Particle
293 Kelvin Cross Sections

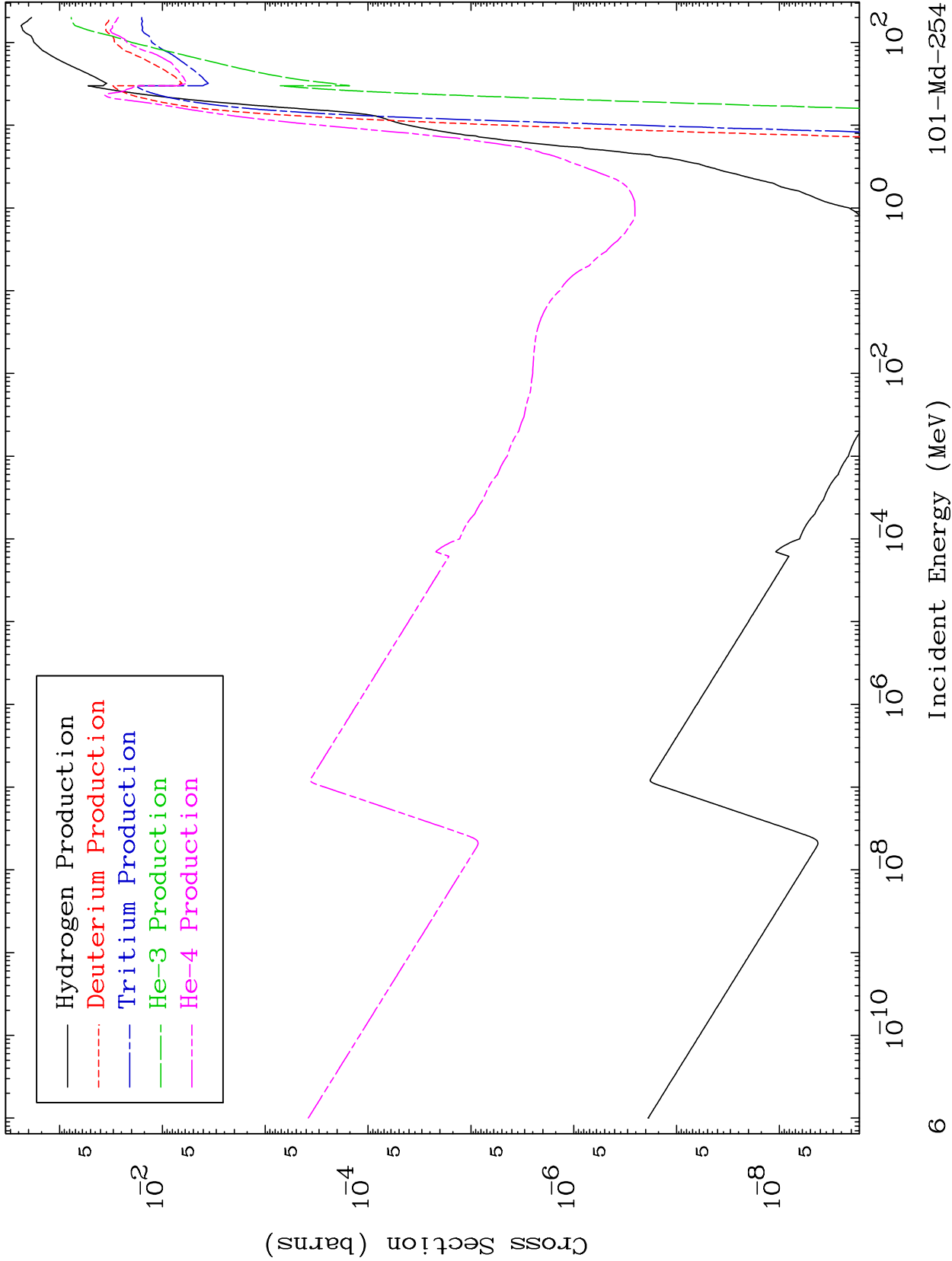
101-Md-254



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Particle Production
293 Kelvin Cross Sections

101-Md-254

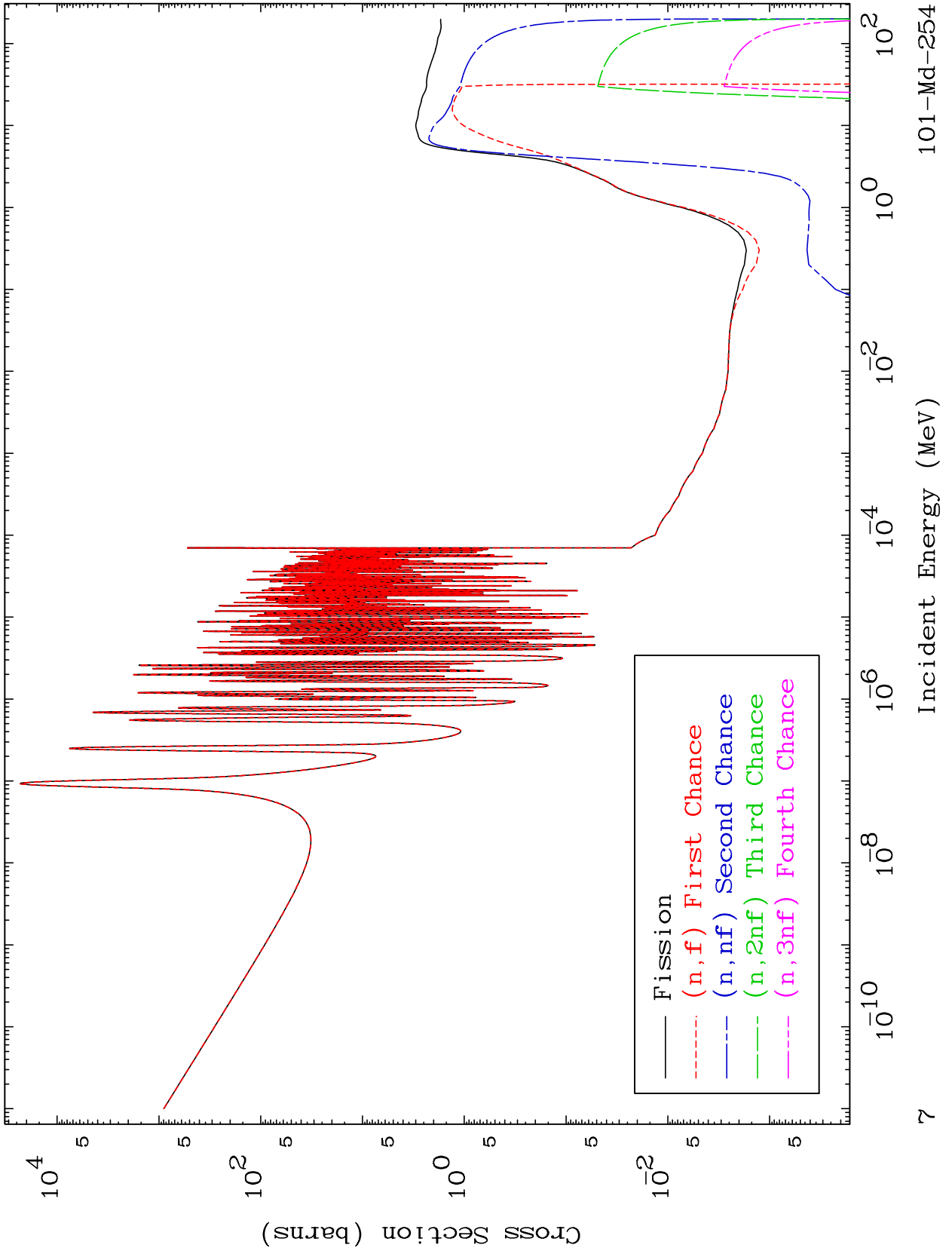


Legend:
— Hydrogen Production
- - - Deuterium Production
- · - Tritium Production
- - - He-3 Production
- - - He-4 Production

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Fission
293 Kelvin Cross Sections

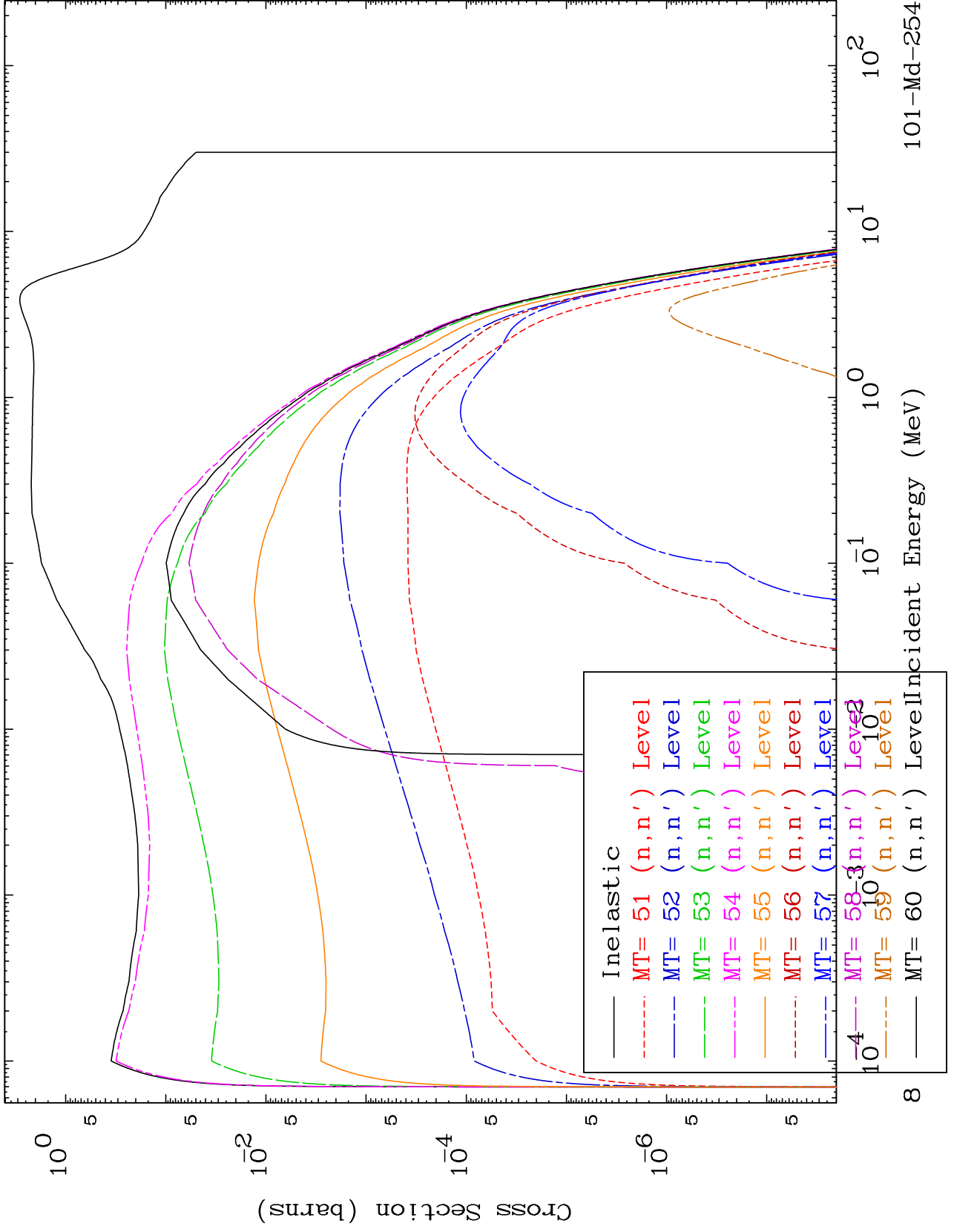
101-Md-254



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(n,n') Level
293 Kelvin Cross Sections

101-Md-254

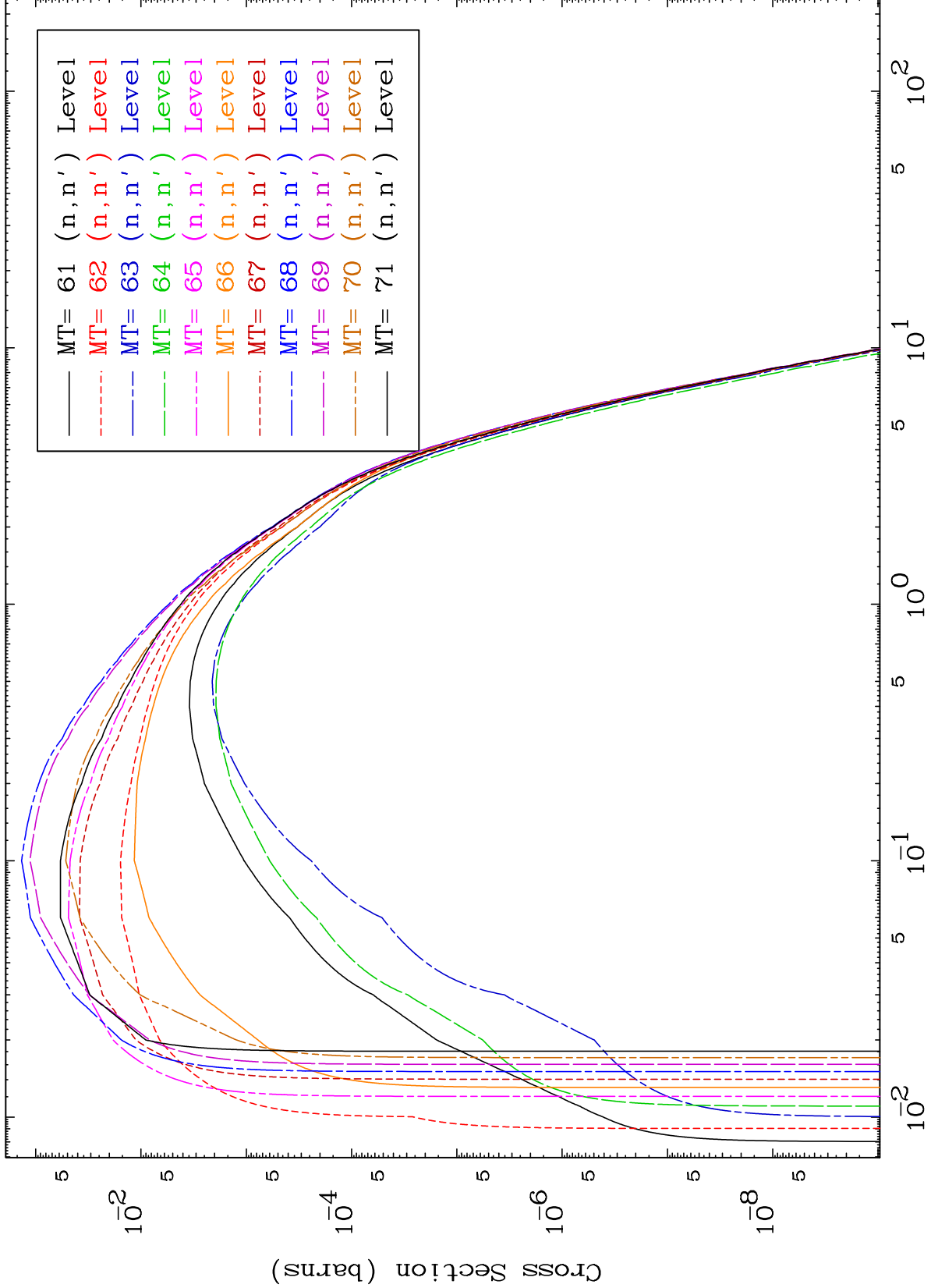


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(n,n') Level

101-Md-254

293 Kelvin Cross Sections



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Incident Energy (MeV)

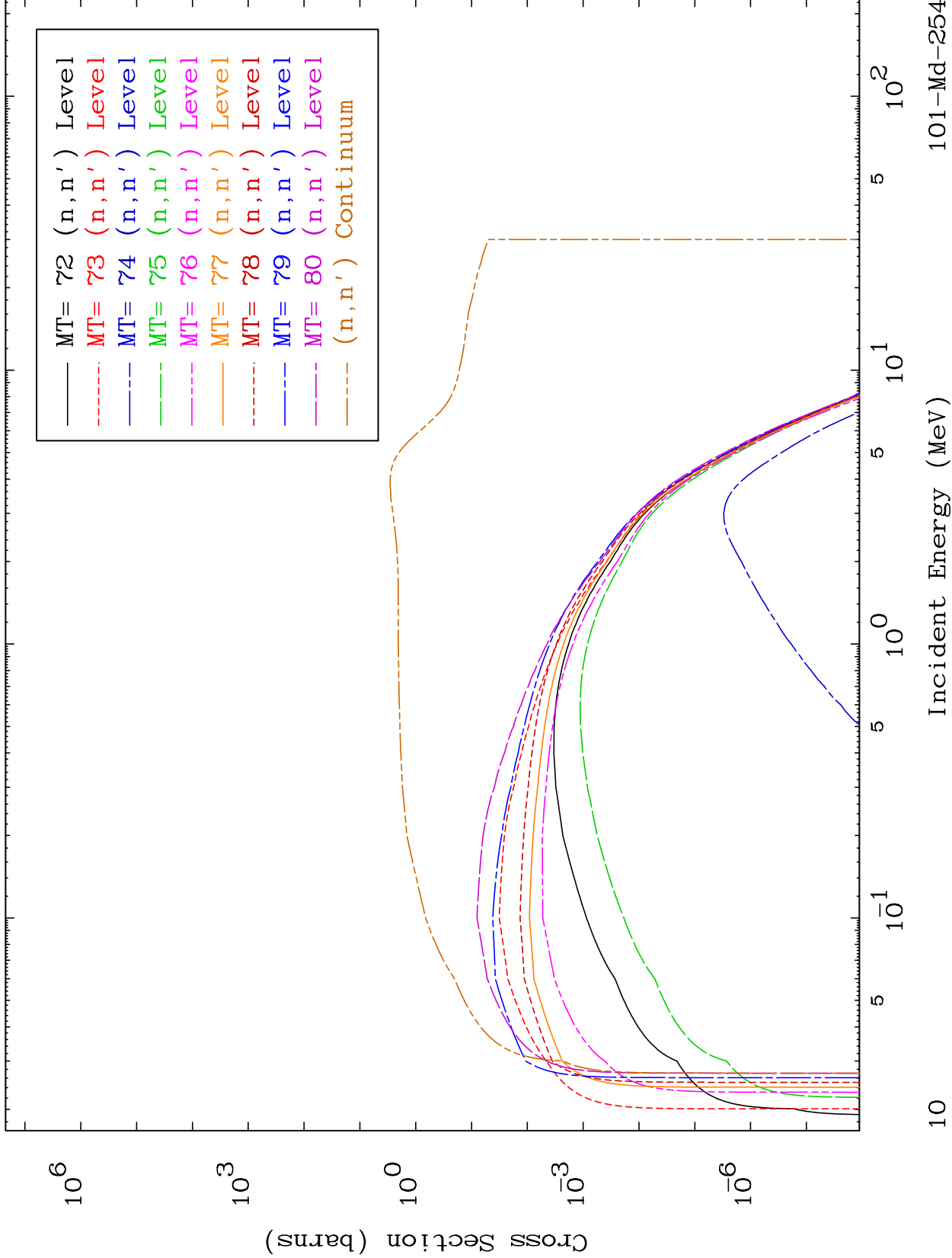
101-Md-254

MAT 9960

(n,n') Level

293 Kelvin Cross Sections

101-Md-254



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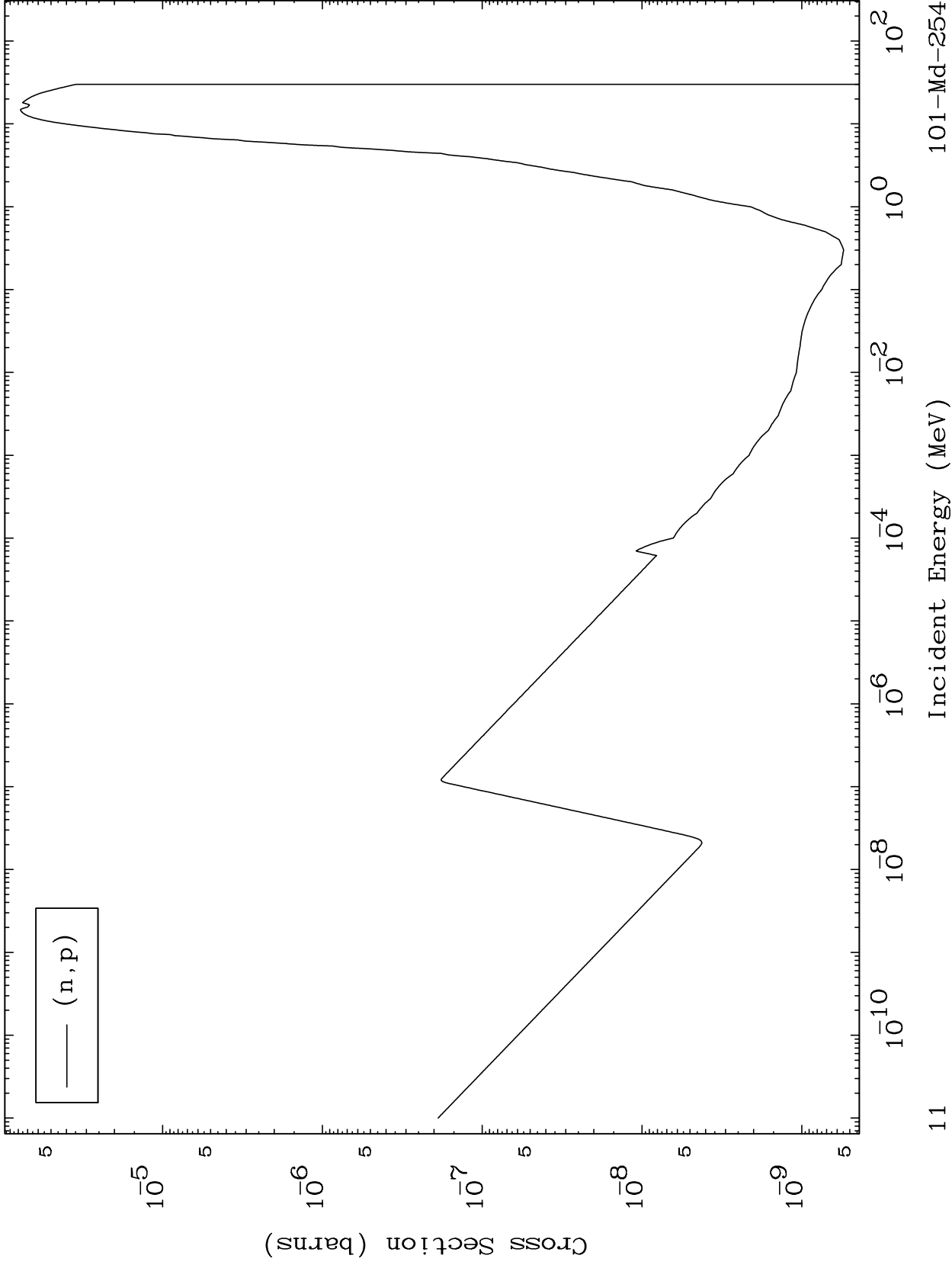
Incident Energy (MeV)

101-Md-254

MAT 9960

(n,p) Levels
293 Kelvin Cross Sections

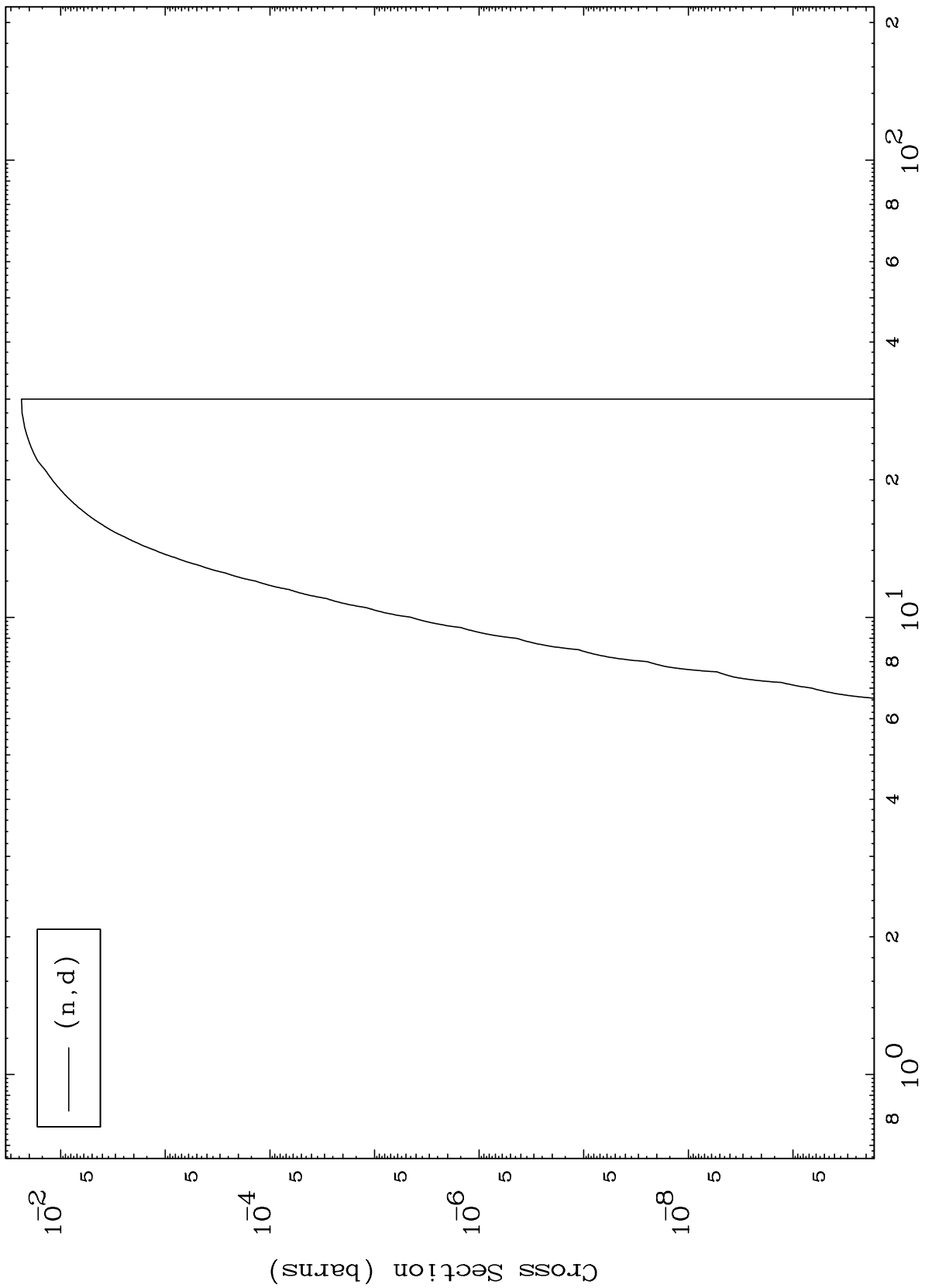
101-Md-254



MAT 9960

(n,d) Levels
293 Kelvin Cross Sections

101-Md-254



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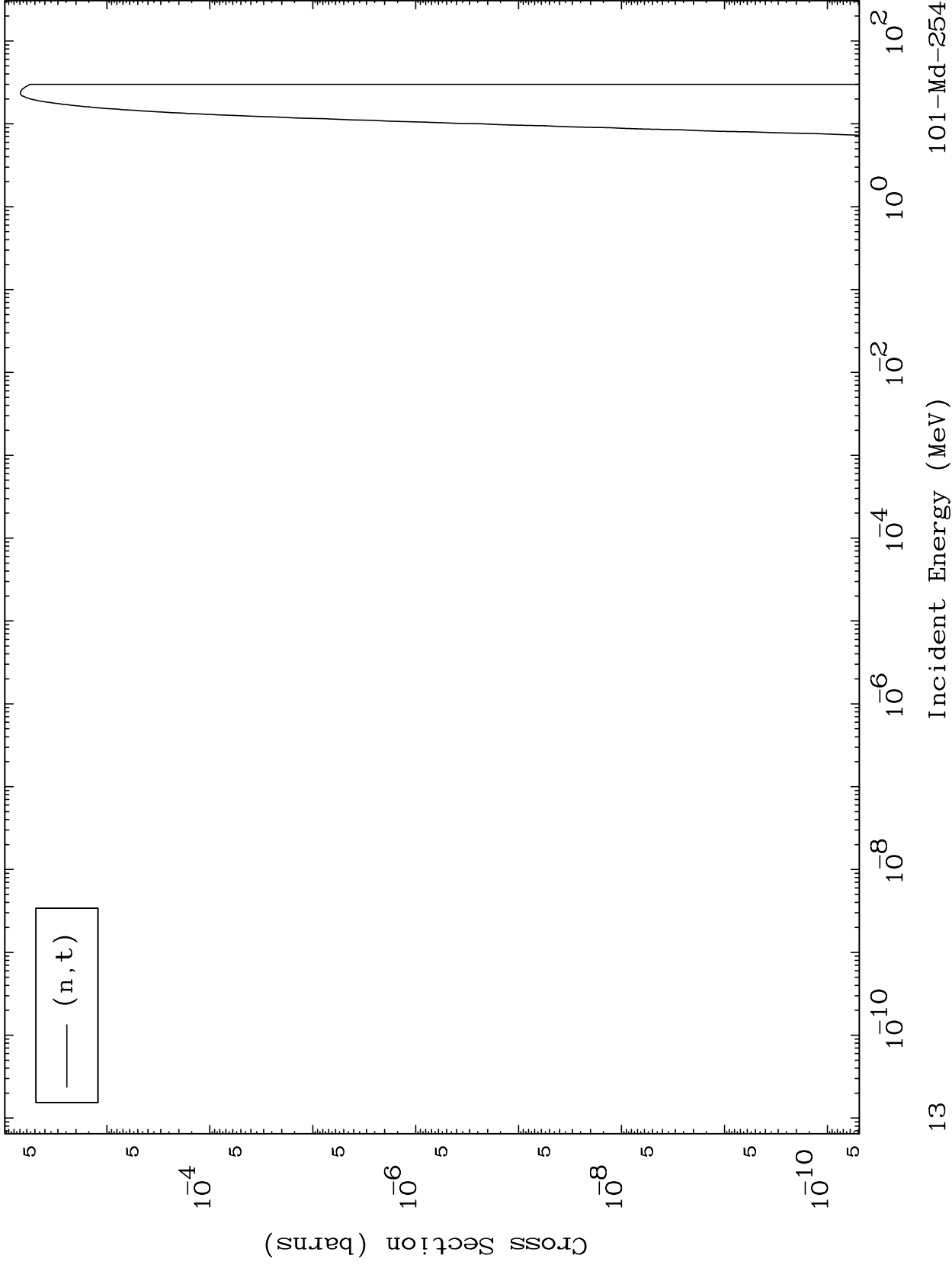
Incident Energy (MeV)

101-Md-254

MAT 9960

(n,t) Levels
293 Kelvin Cross Sections

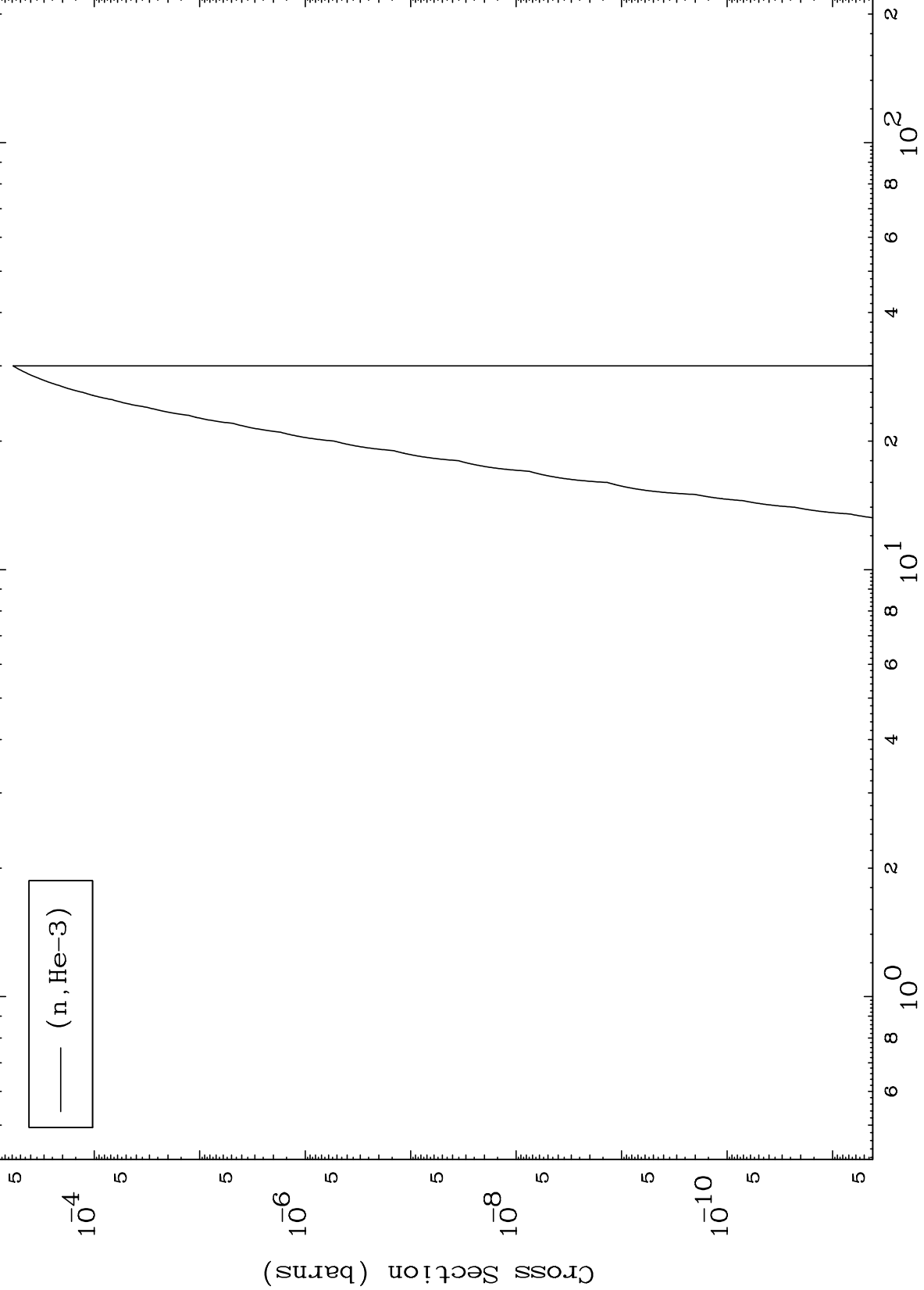
101-Md-254



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(n,He3) Levels
293 Kelvin Cross Sections

101-Md-254



14

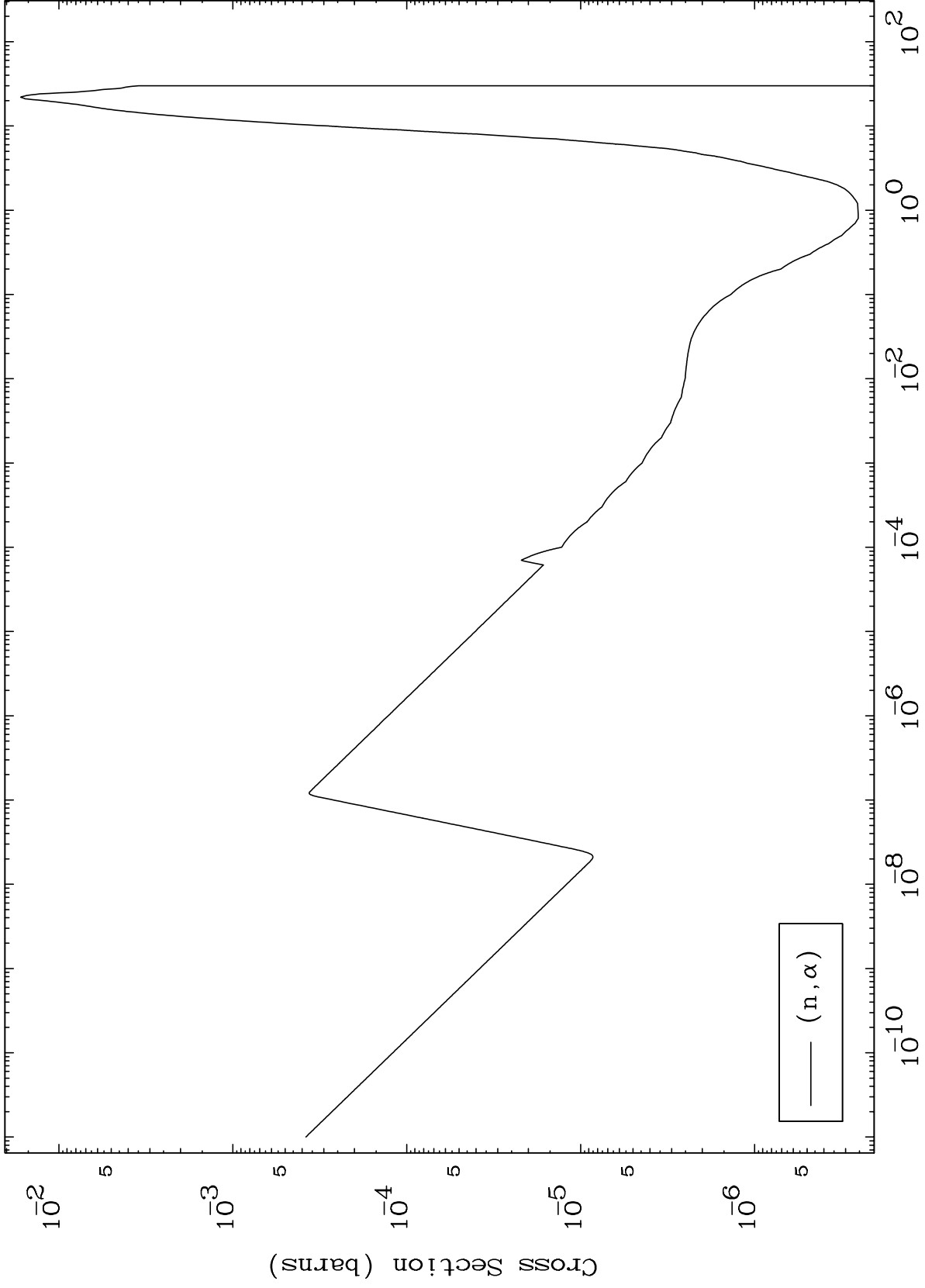
Incident Energy (MeV)

101-Md-254

MAT 9960

(n,α) Levels
293 Kelvin Cross Sections

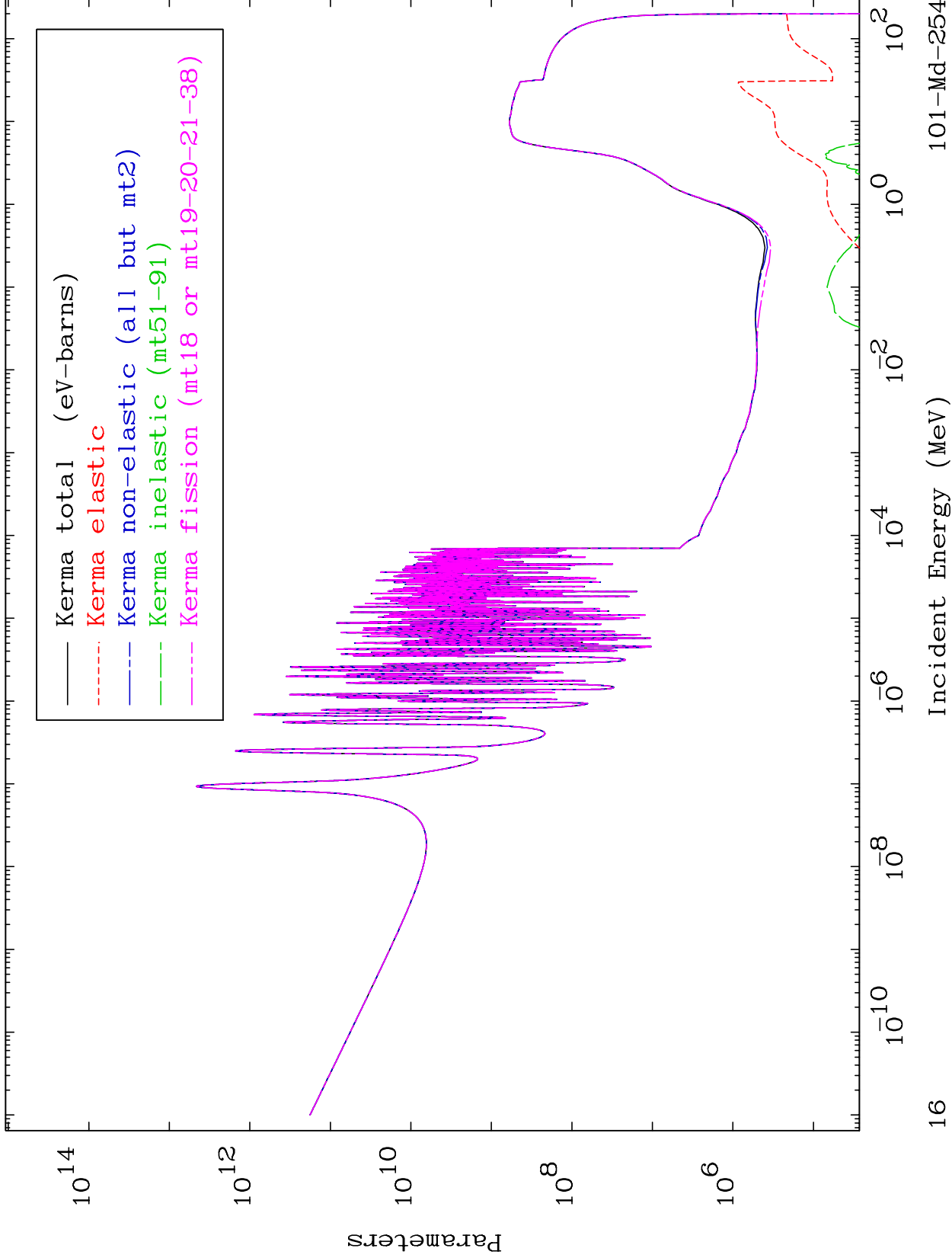
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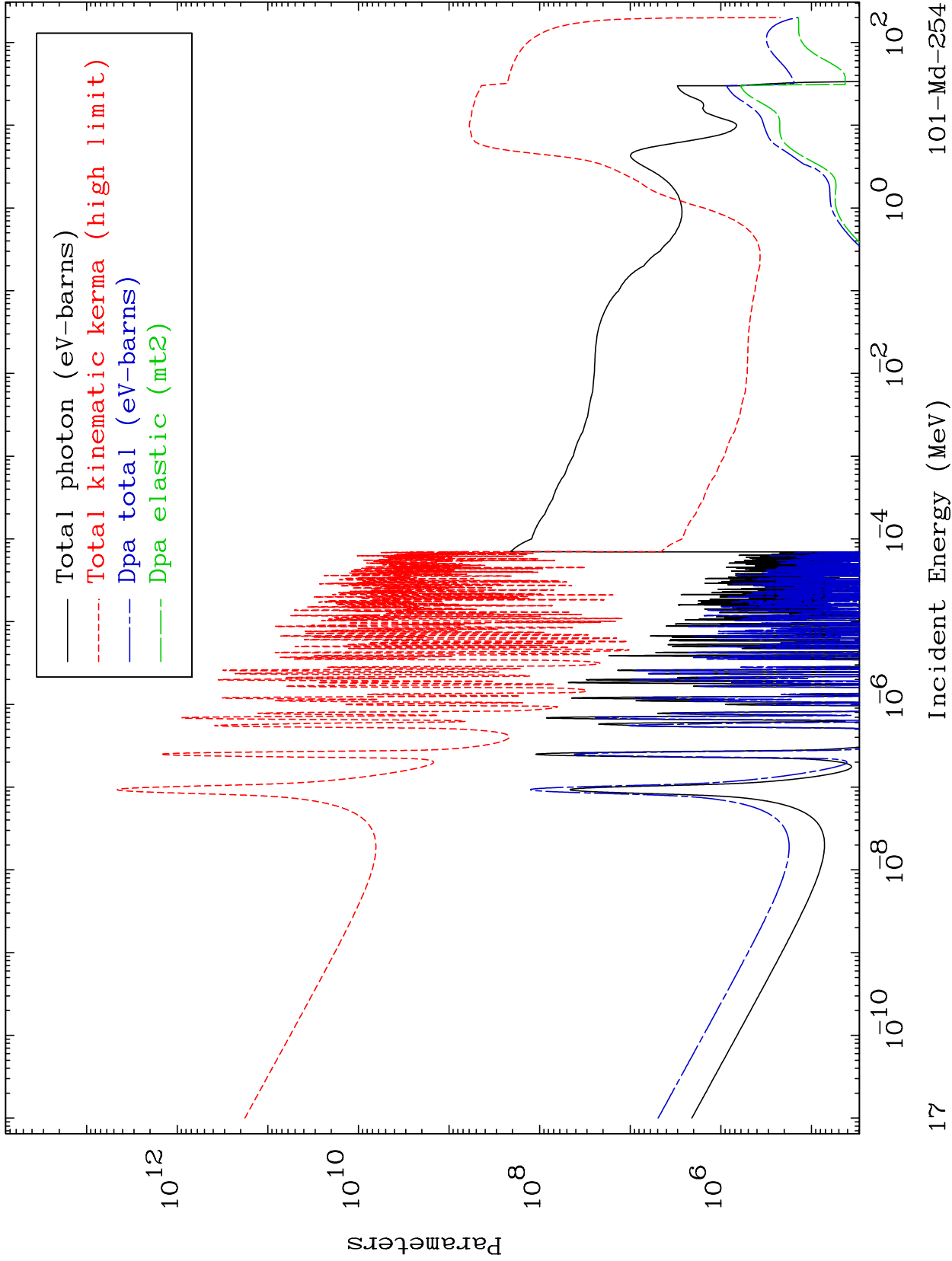


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Incident Energy (MeV)

101-Md-254

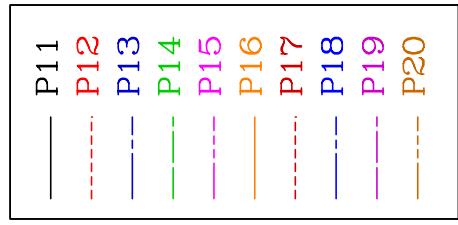




MAT 9960

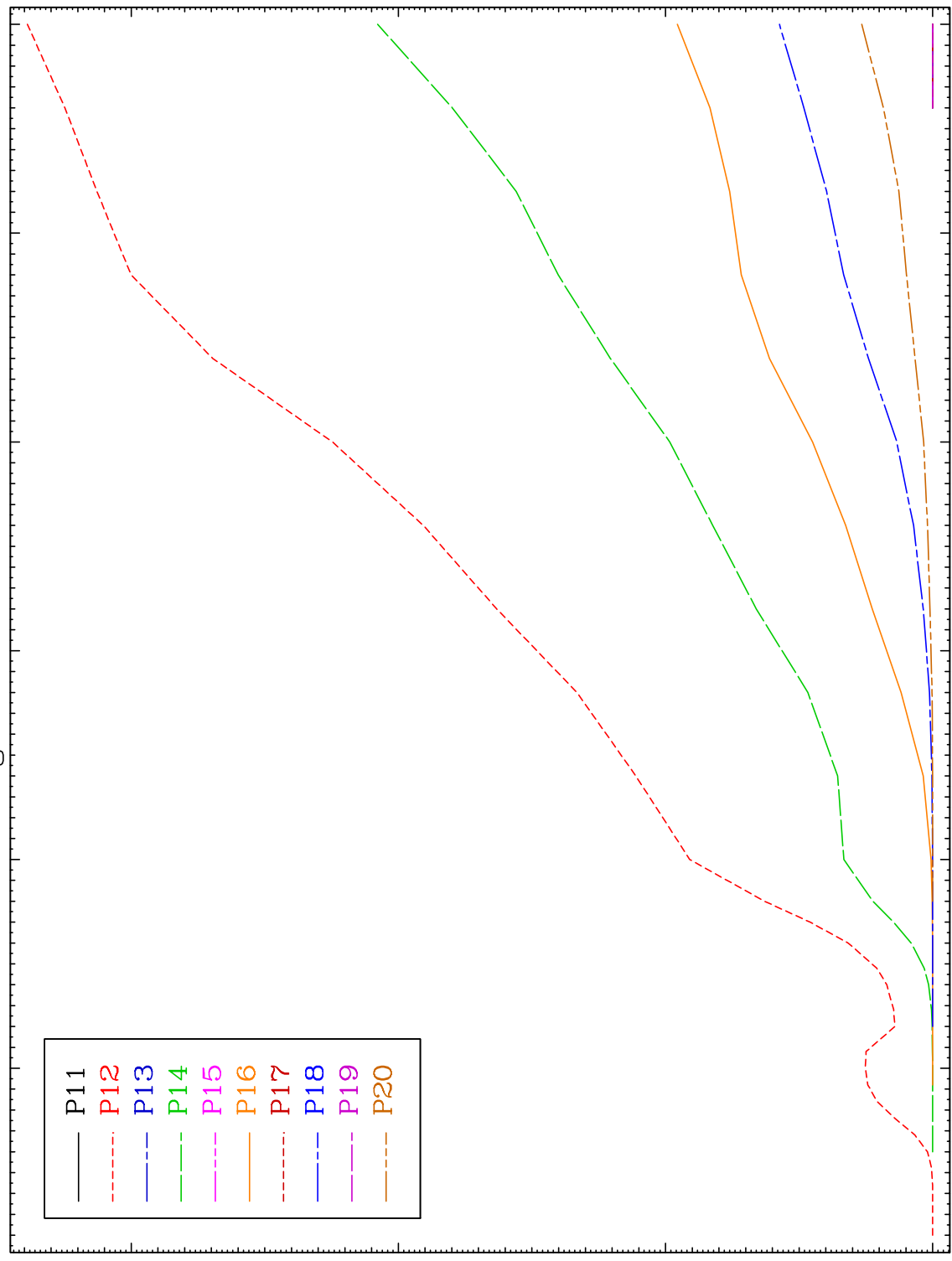
Elastic Legendre Coefficients

101-Md-254



$\times 10^{-4}$

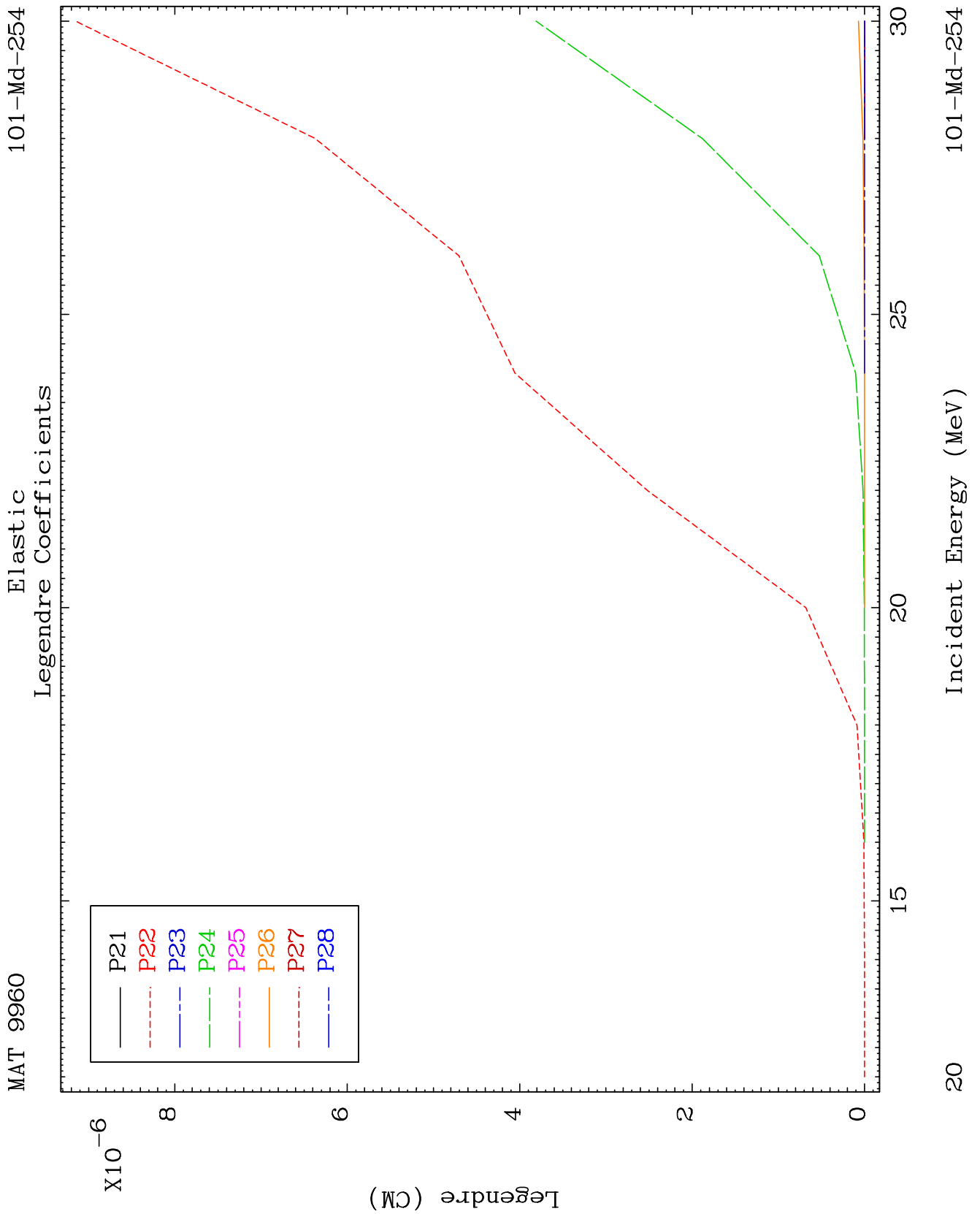
Legendre (CM)



19

Incident Energy (MeV)

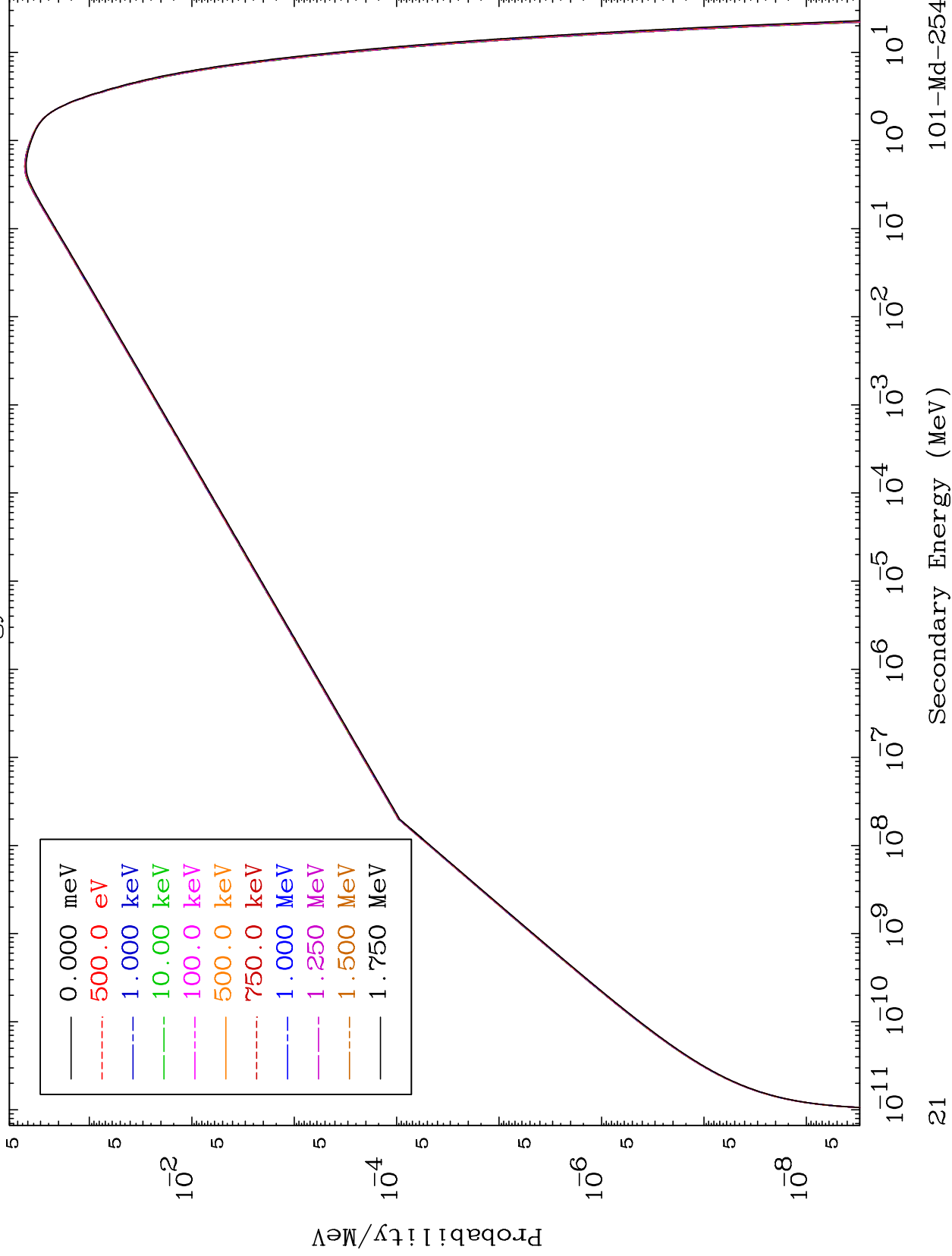
101-Md-254



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Fission Energy Distribution

101-Md-254

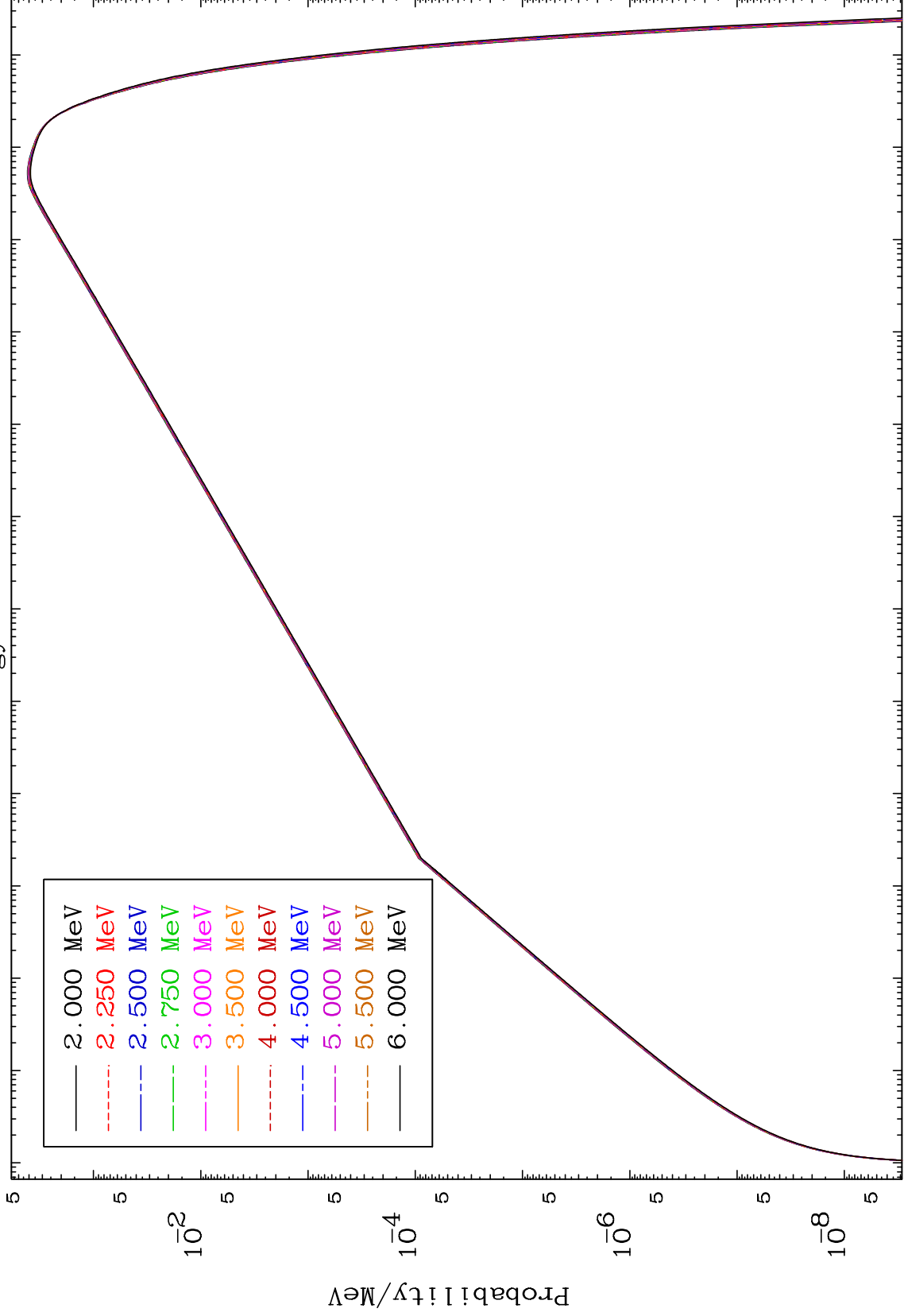


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Fission

101-Md-254

Energy Distribution



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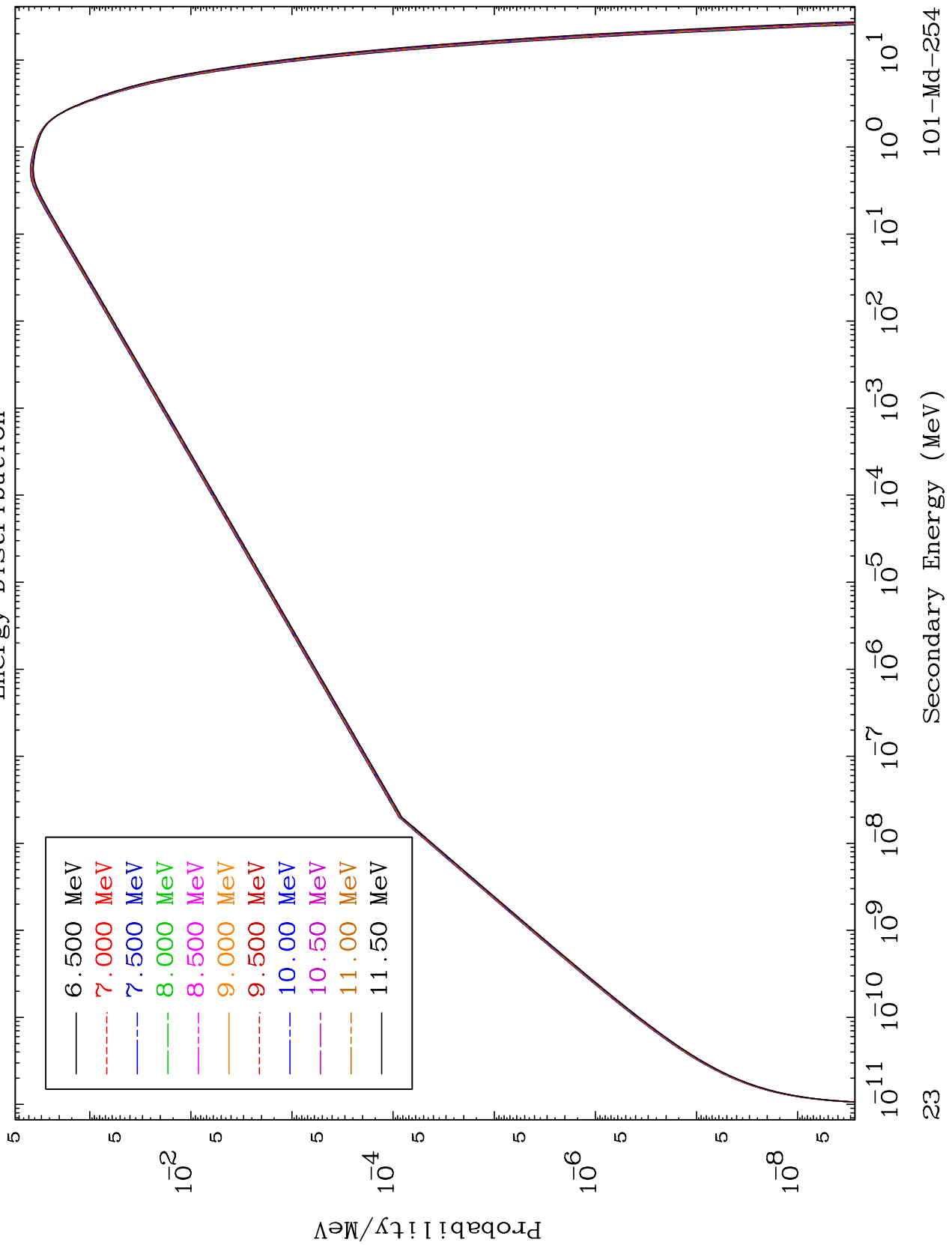
Secondary Energy (MeV)

101-Md-254

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Fission Energy Distribution

101-Md-254



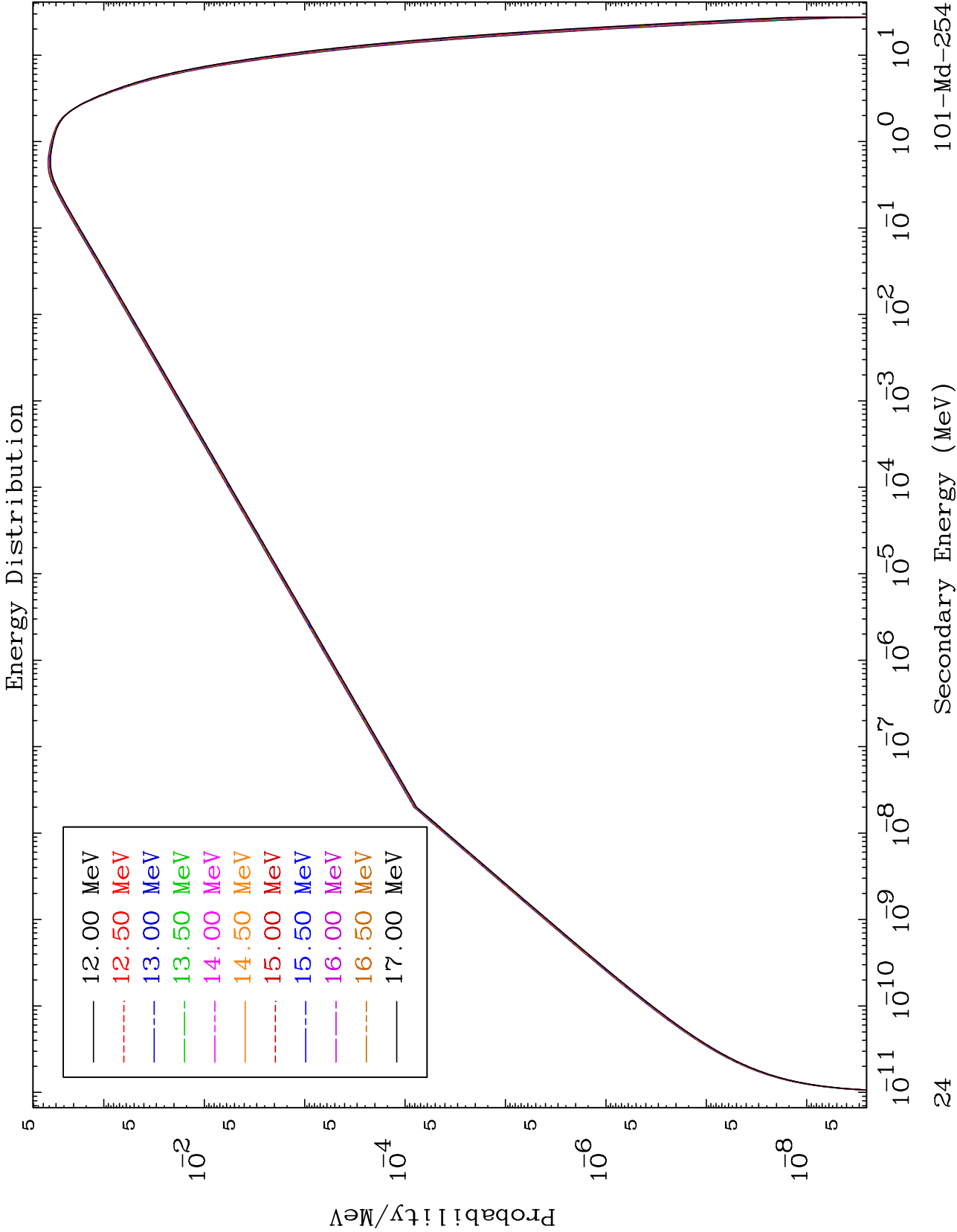
101-Md-254

Secondary Energy (MeV)

MAT 9960

Fission

101-Md-254



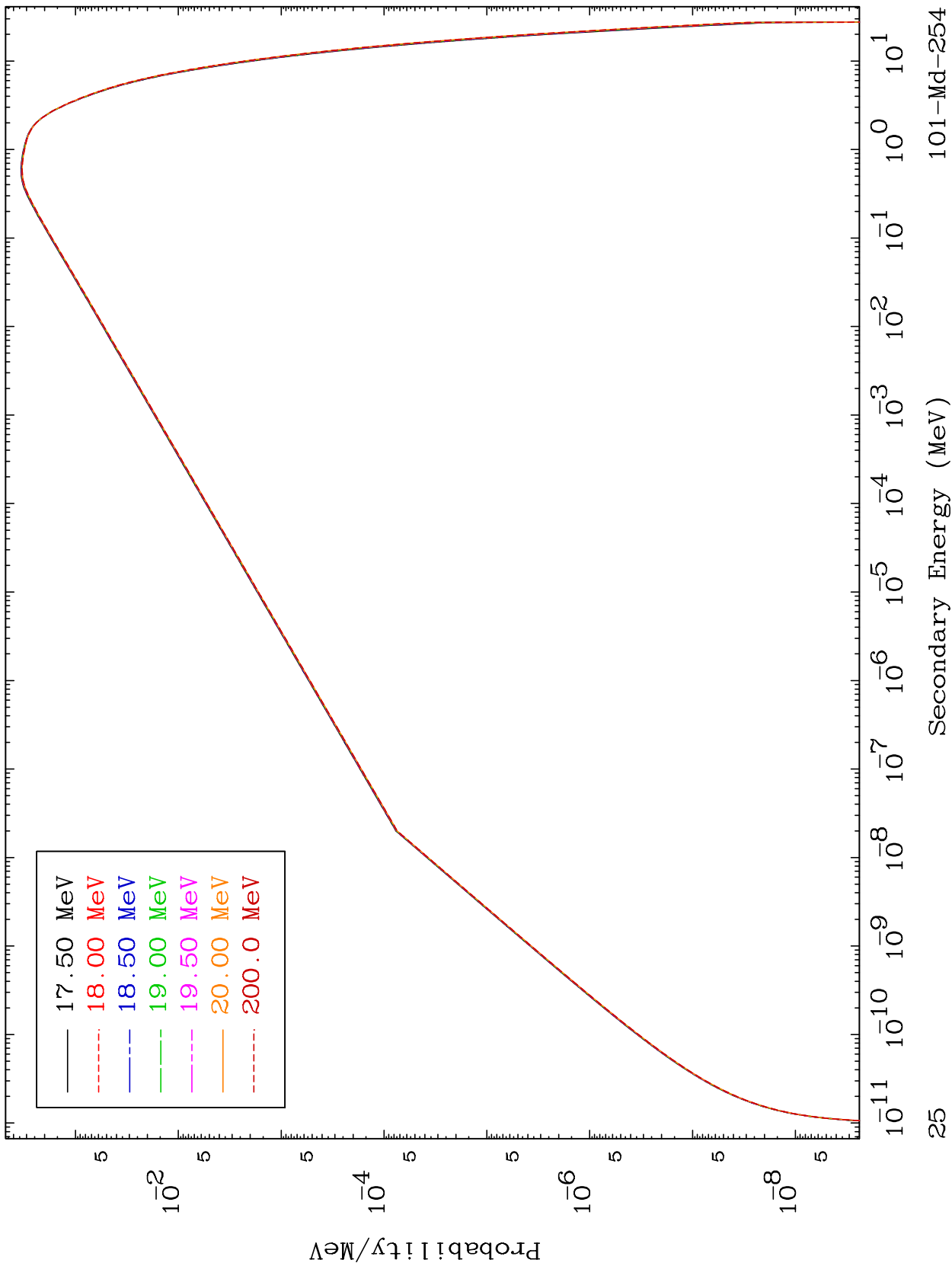
24

101-Md-254

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Fission Energy Distribution

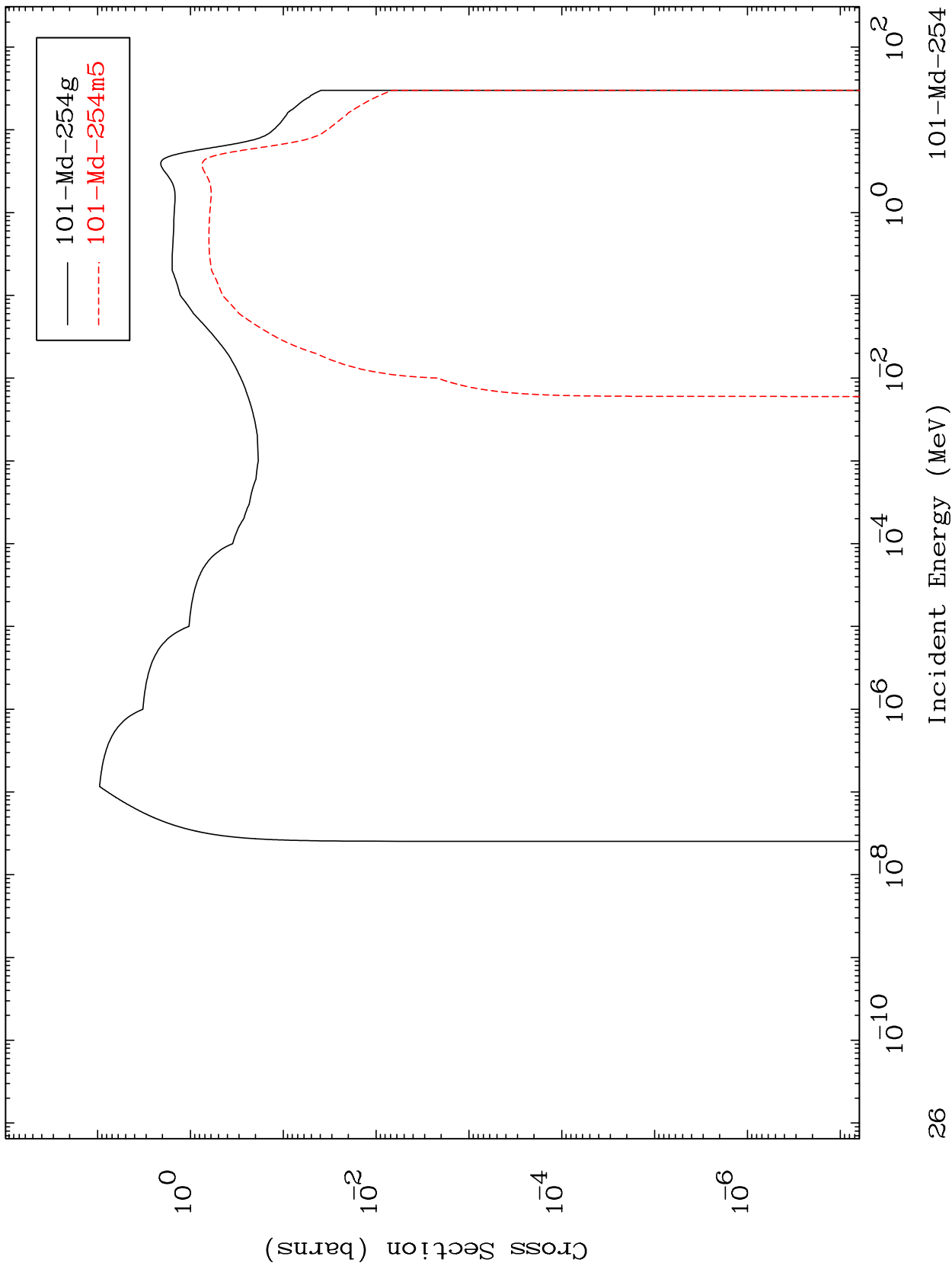
101-Md-254



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101-Md-254

Inelastic
Radionuclide Production Cross Section



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(n,n') α

101-Md-254

Radionuclide Production Cross Section

