

Program EVALPLOT
(Version 2015-2)

by

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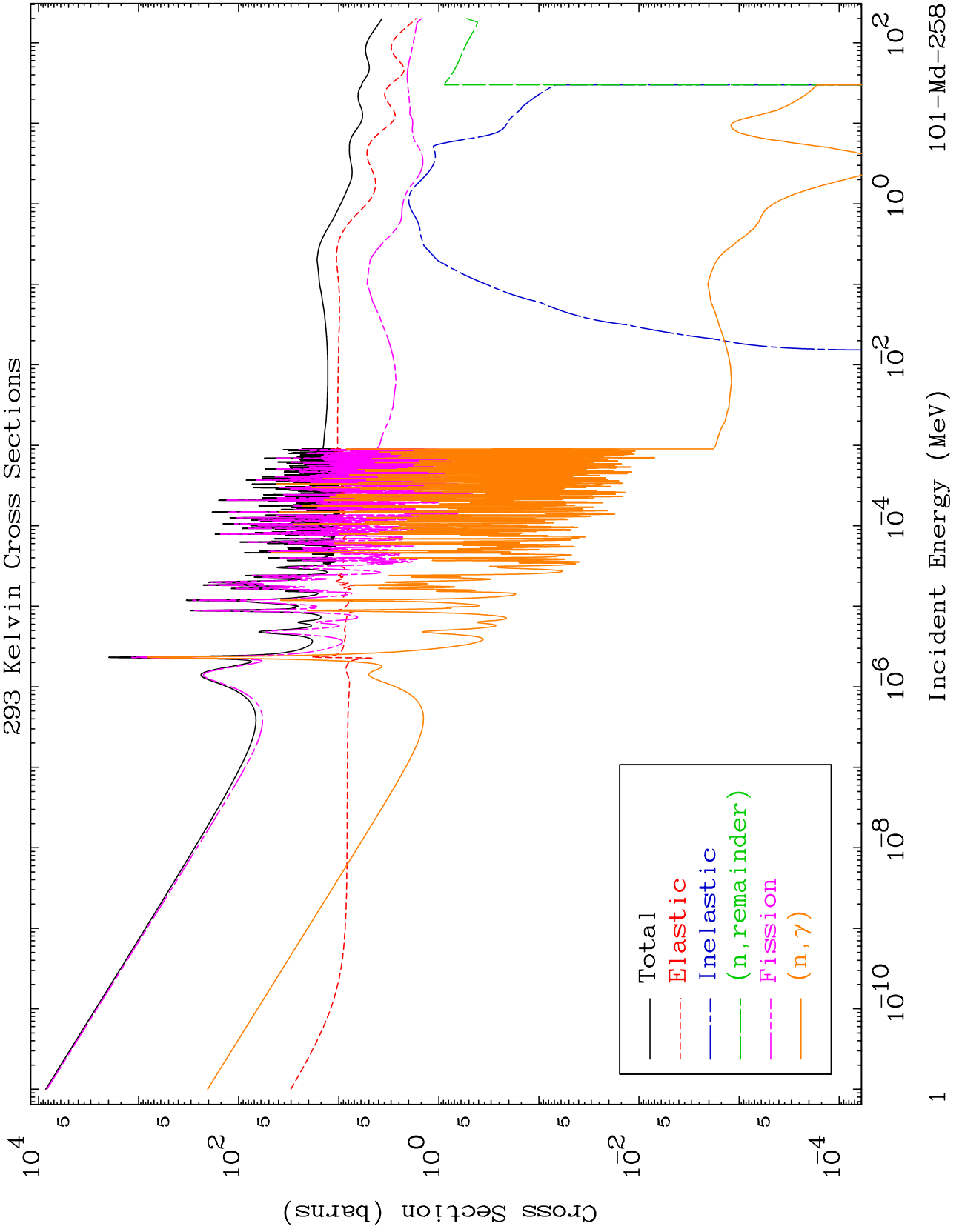
Press Mouse Button to Start

MAT 9964

Major

293 Kelvin Cross Sections

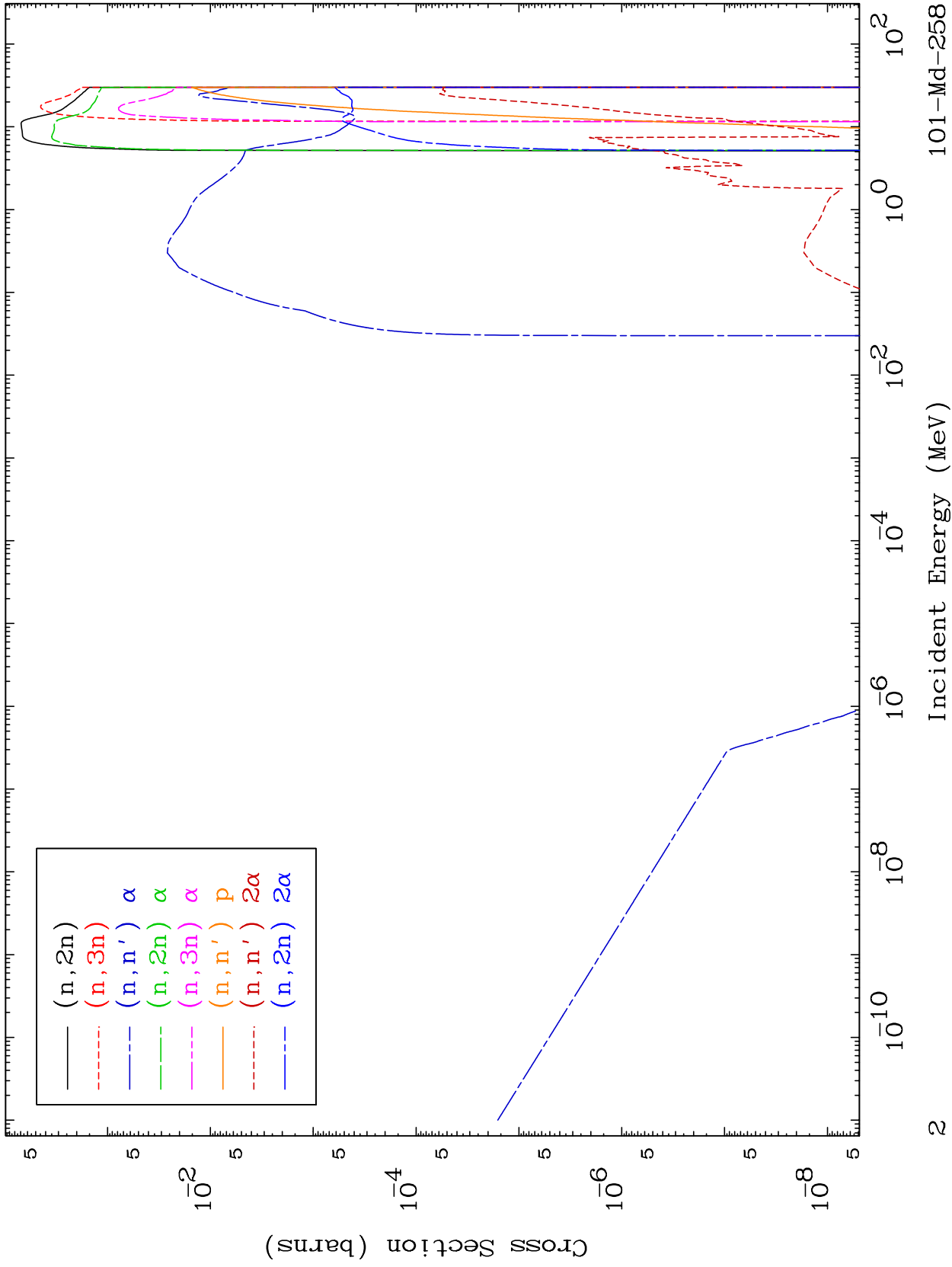
101-Md-258



MAT 9964

Neutron Production
293 Kelvin Cross Sections

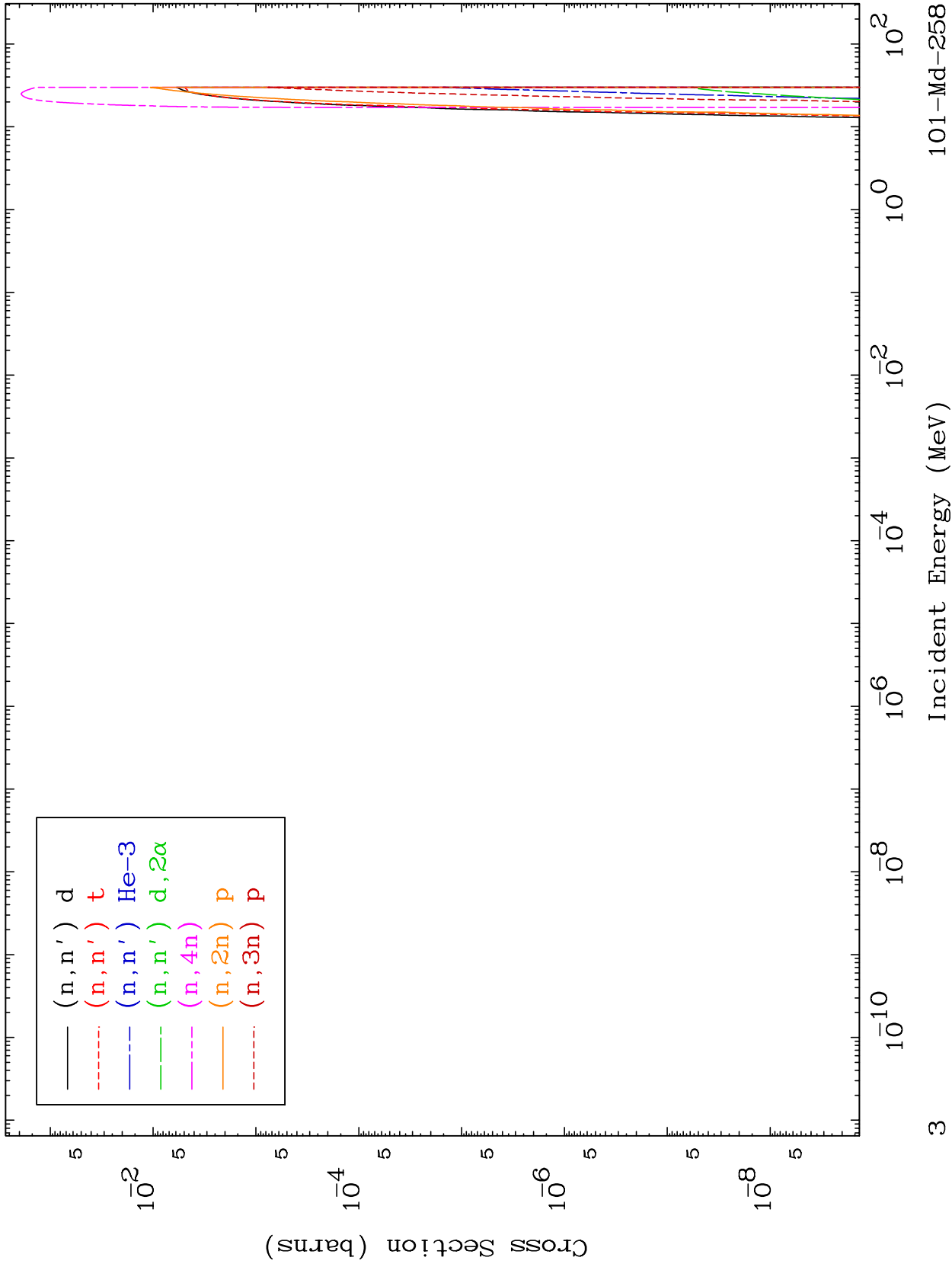
101-Md-258



MAT 9964

Neutron Production
293 Kelvin Cross Sections

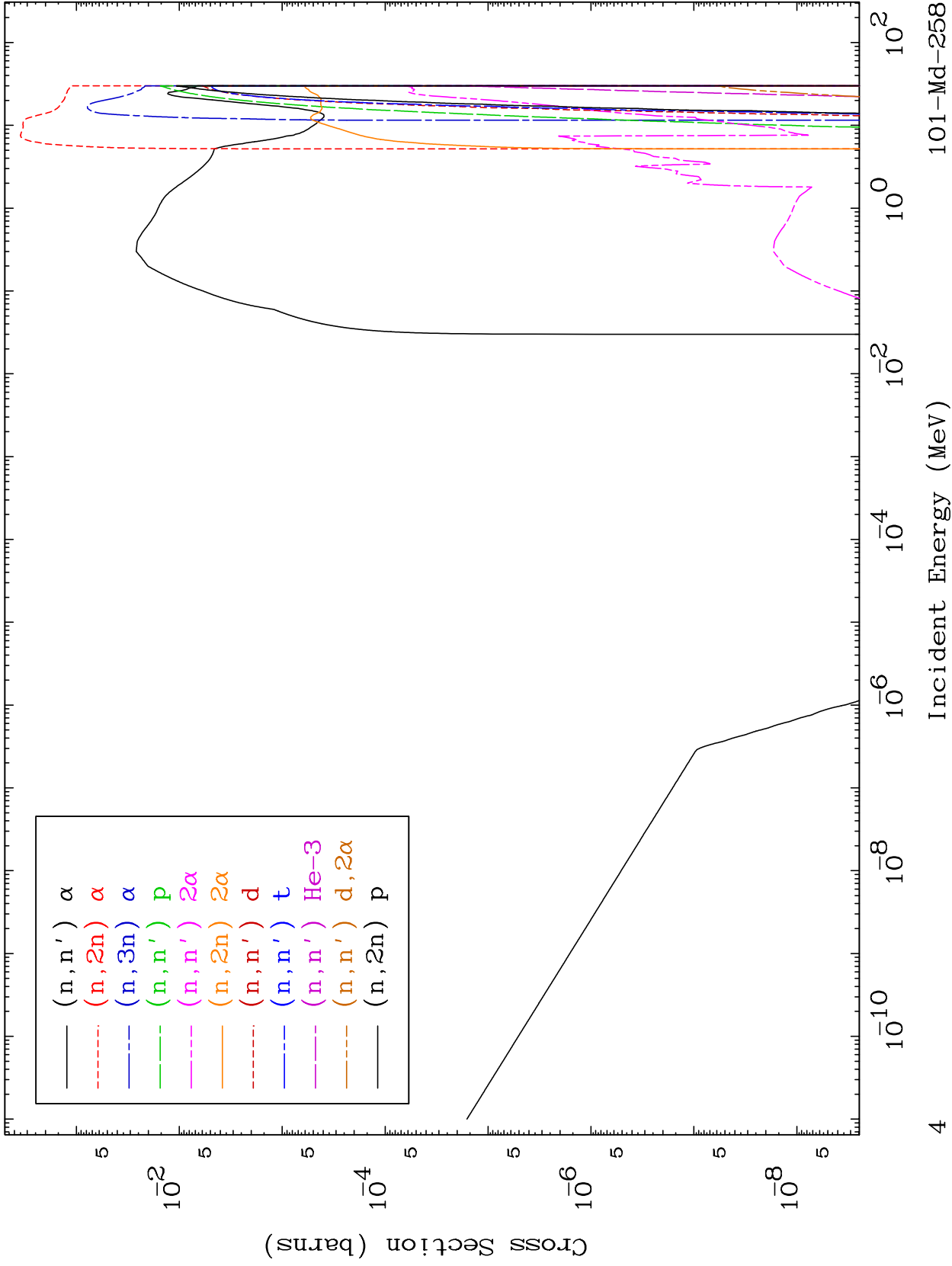
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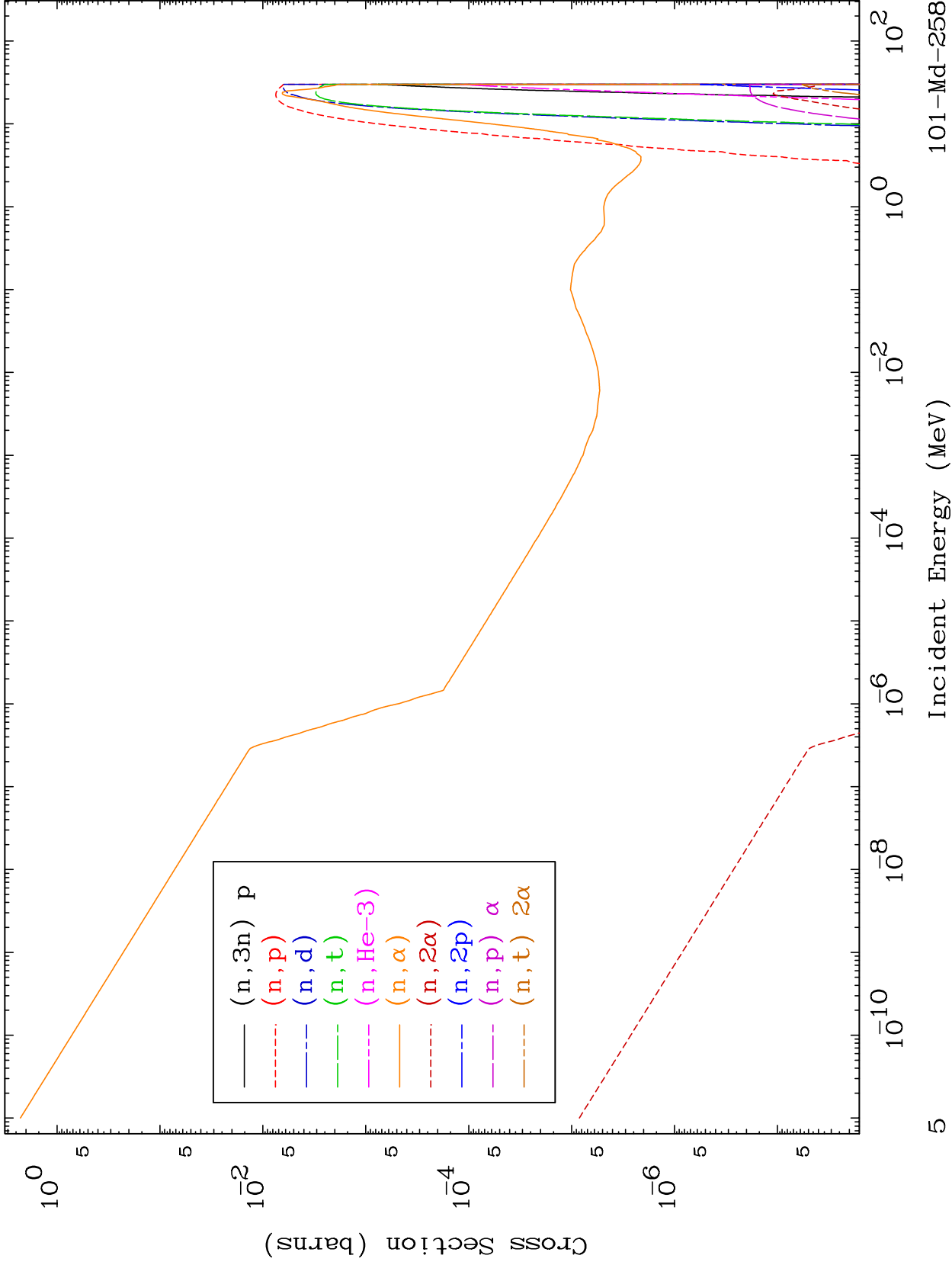


MAT 9964

Charged Particle
293 Kelvin Cross Sections

101-Md-258

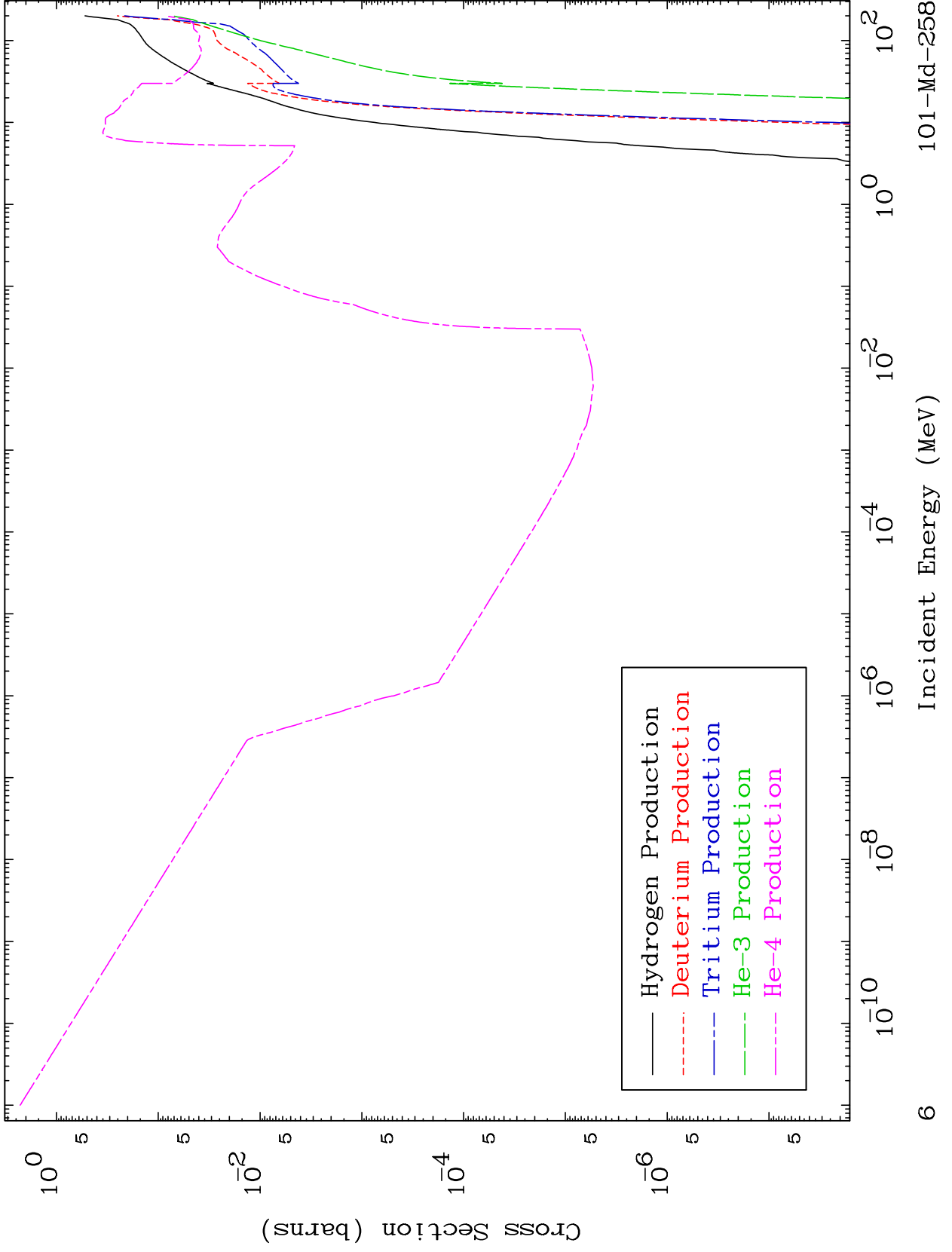




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Particle Production
293 Kelvin Cross Sections

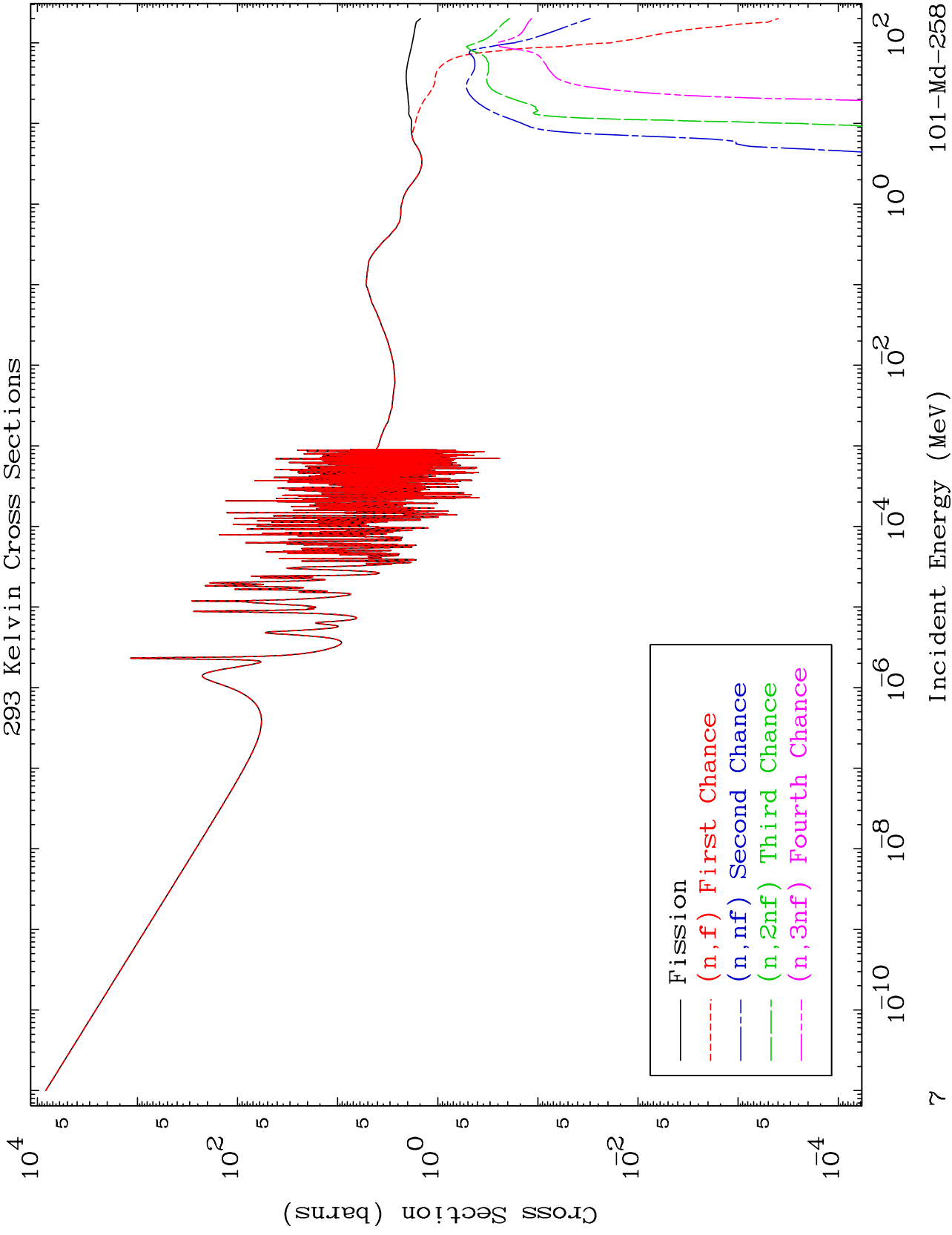
101-Md-258



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Fission
293 Kelvin Cross Sections

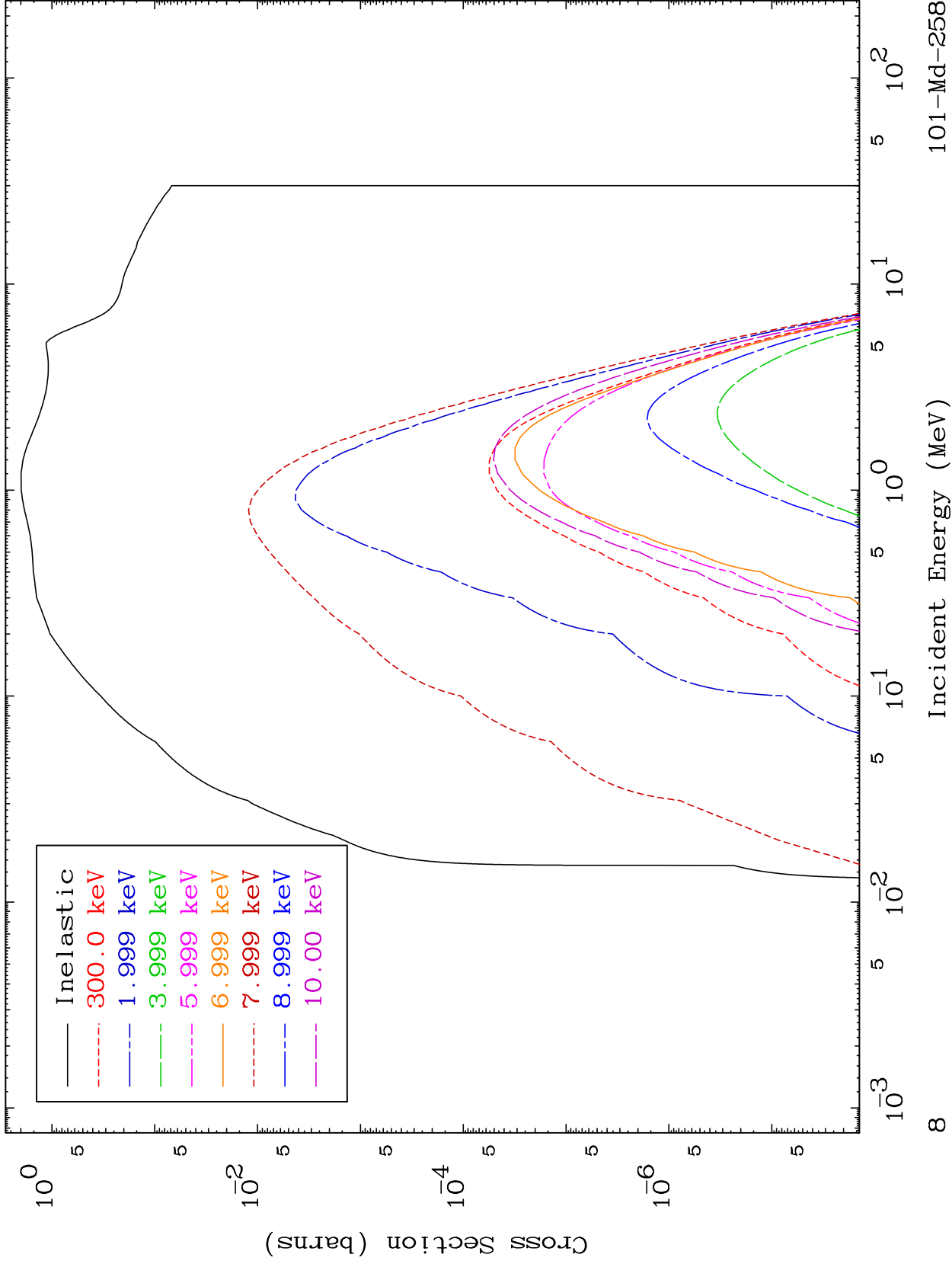
101-Md-258



MAT 9964

(n,n') Level
293 Kelvin Cross Sections

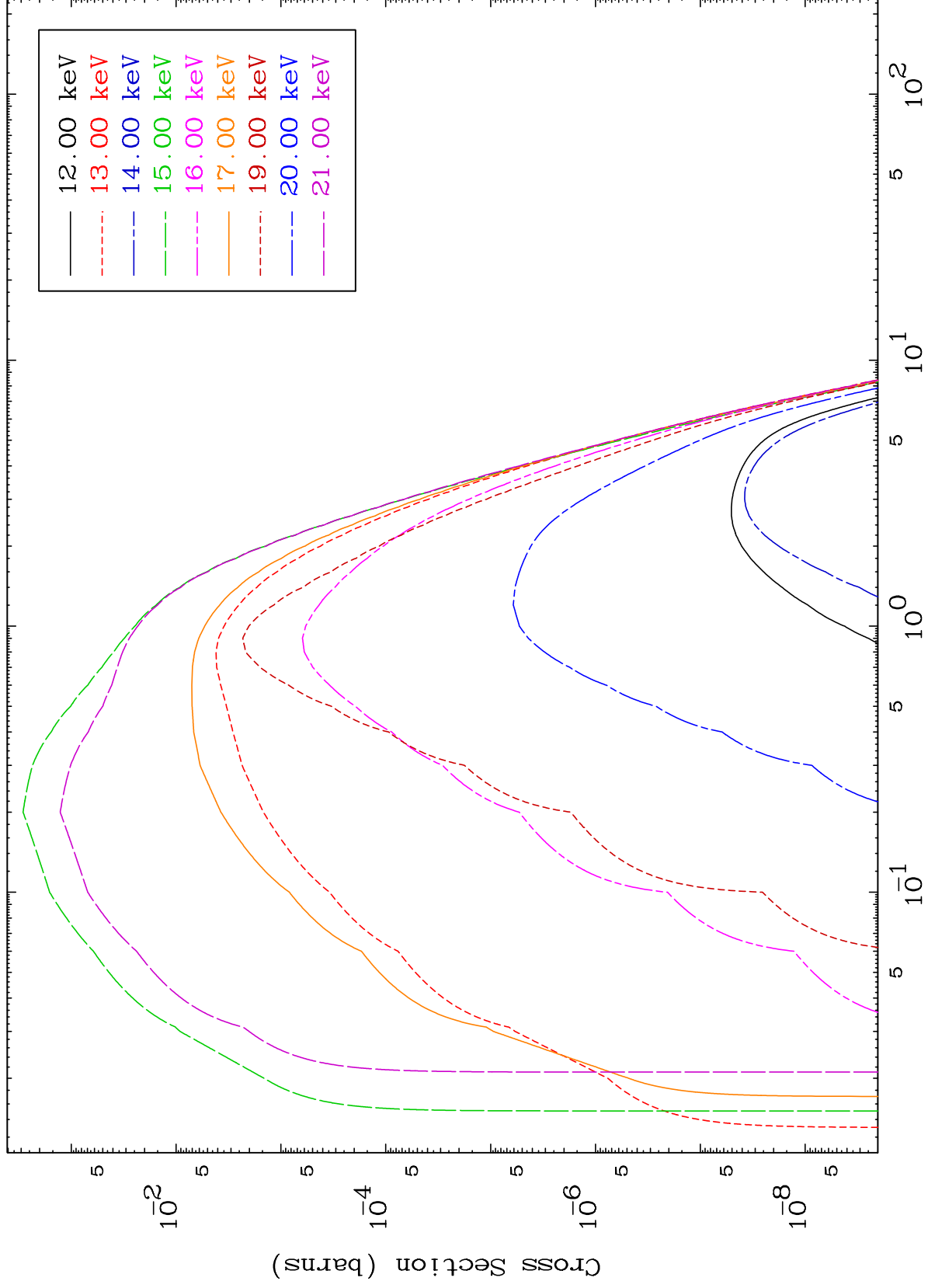
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MAT 9964

(n,n') Level
293 Kelvin Cross Sections

101-Md-258



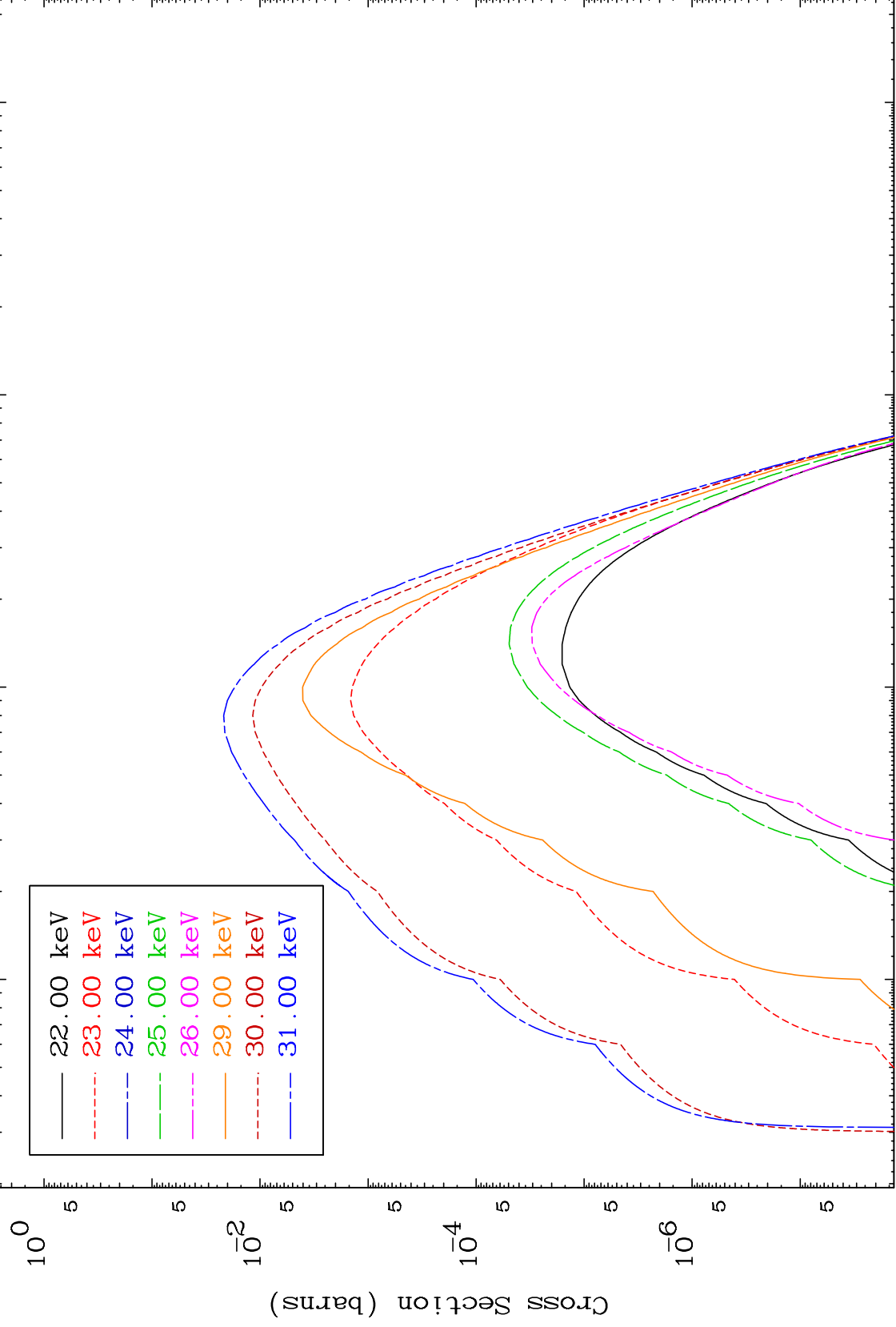
9

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(n,n') Level
293 Kelvin Cross Sections

101-Md-258



10

Incident Energy (MeV)

5

10¹

5

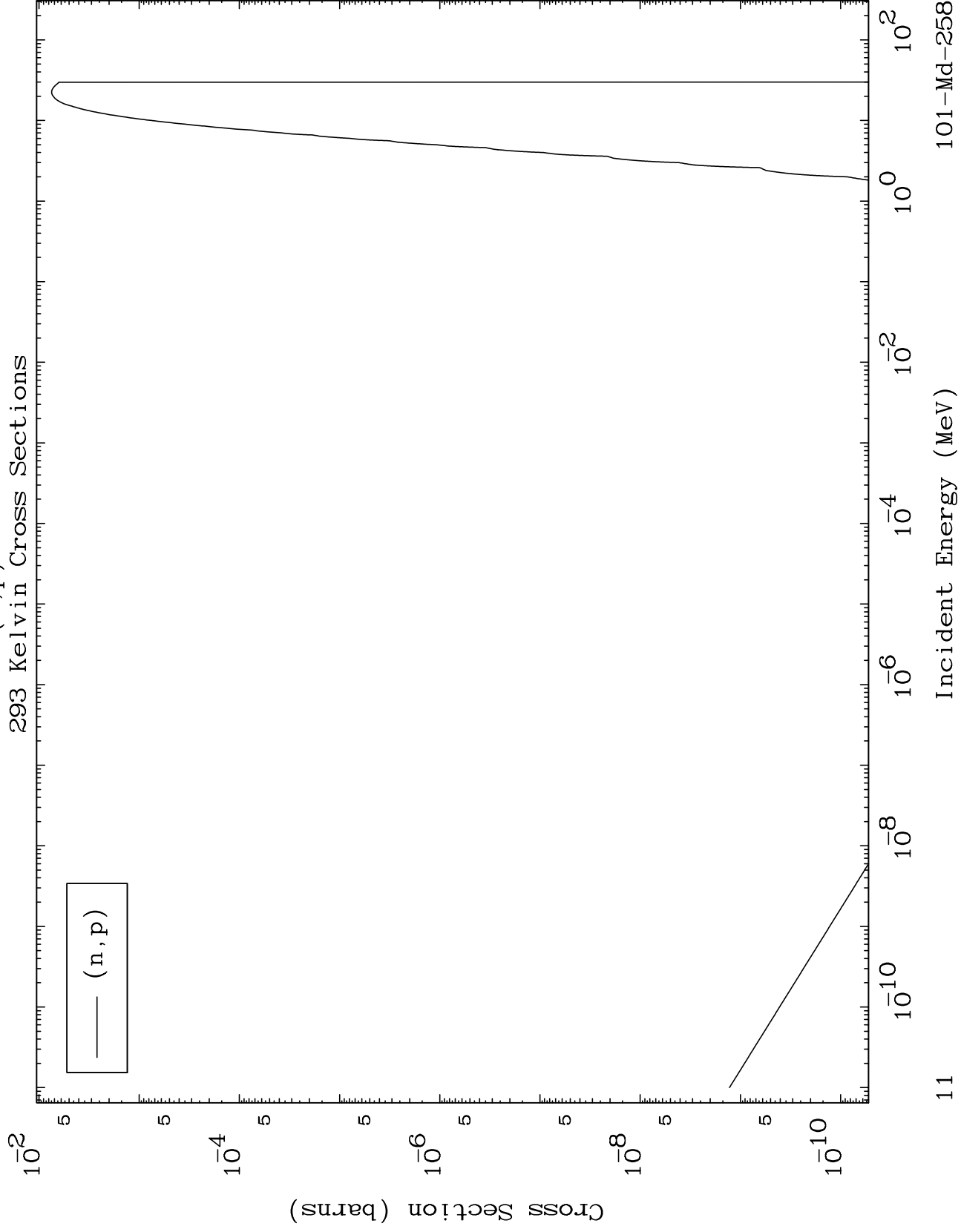
10²

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(n,p) Levels
293 Kelvin Cross Sections

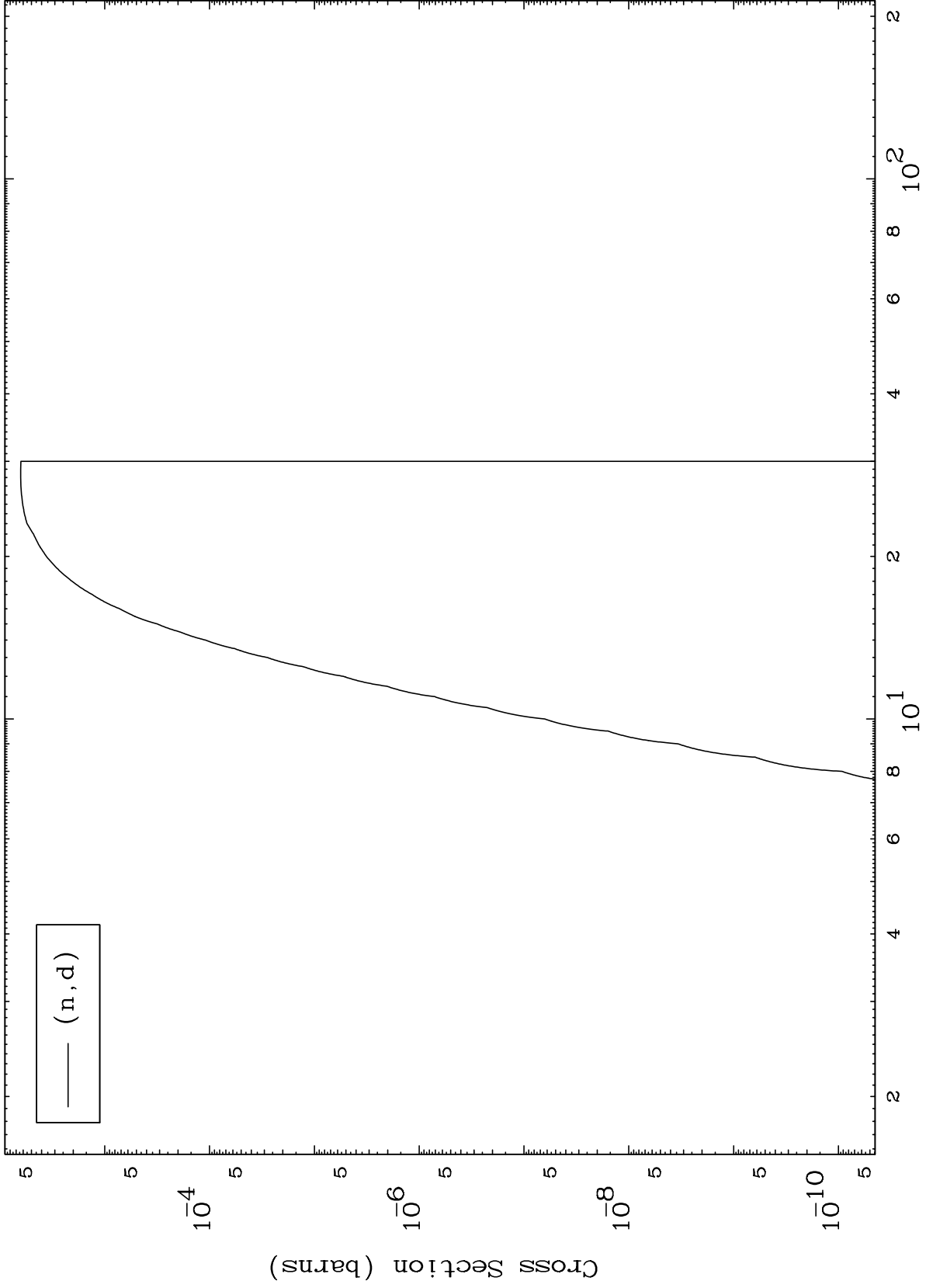
101-Md-258



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(n,d) Levels
293 Kelvin Cross Sections

101-Md-258



12

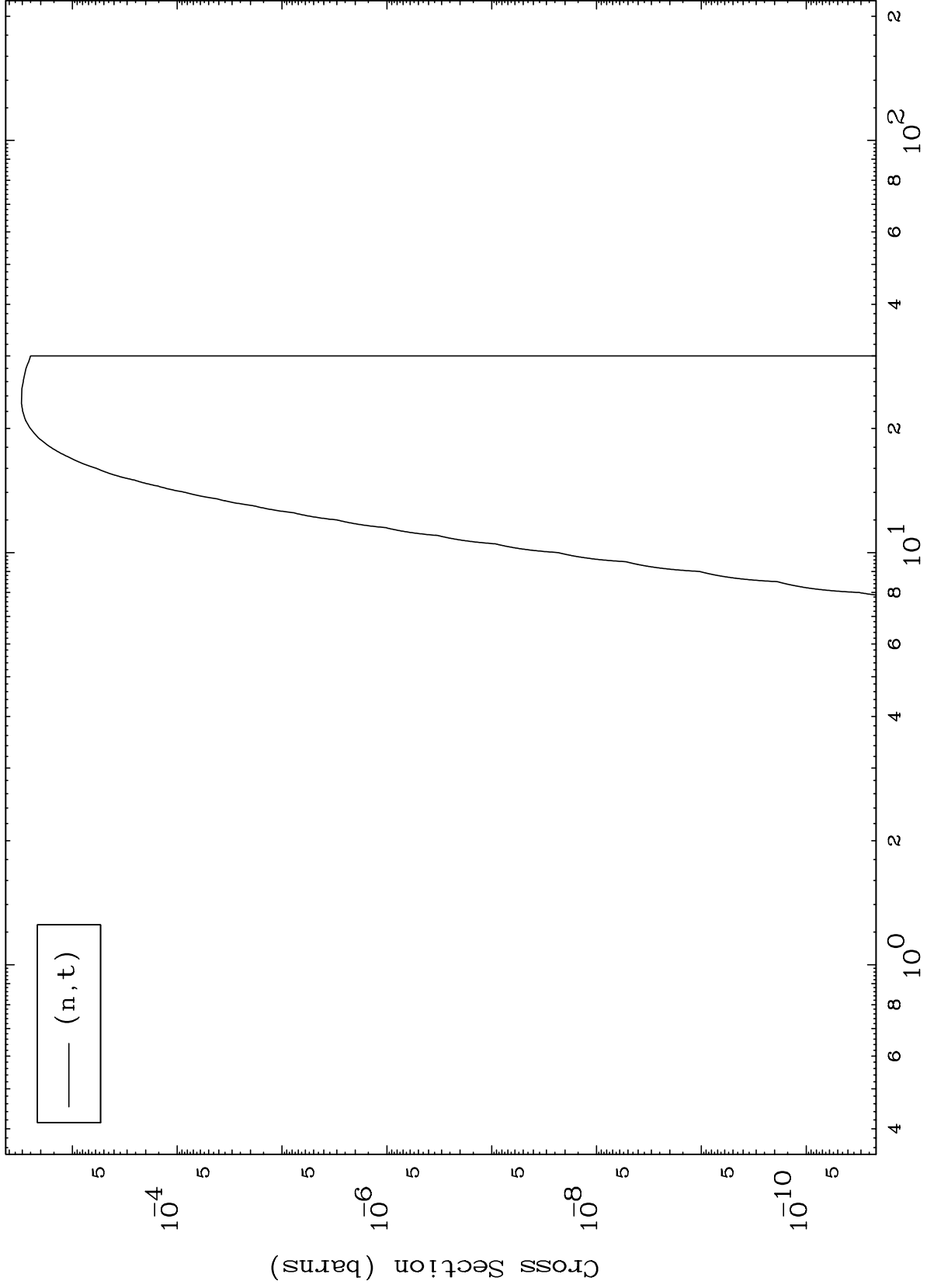
Incident Energy (MeV)

101-Md-258

MAT 9964

(n,t) Levels
293 Kelvin Cross Sections

101-Md-258



13

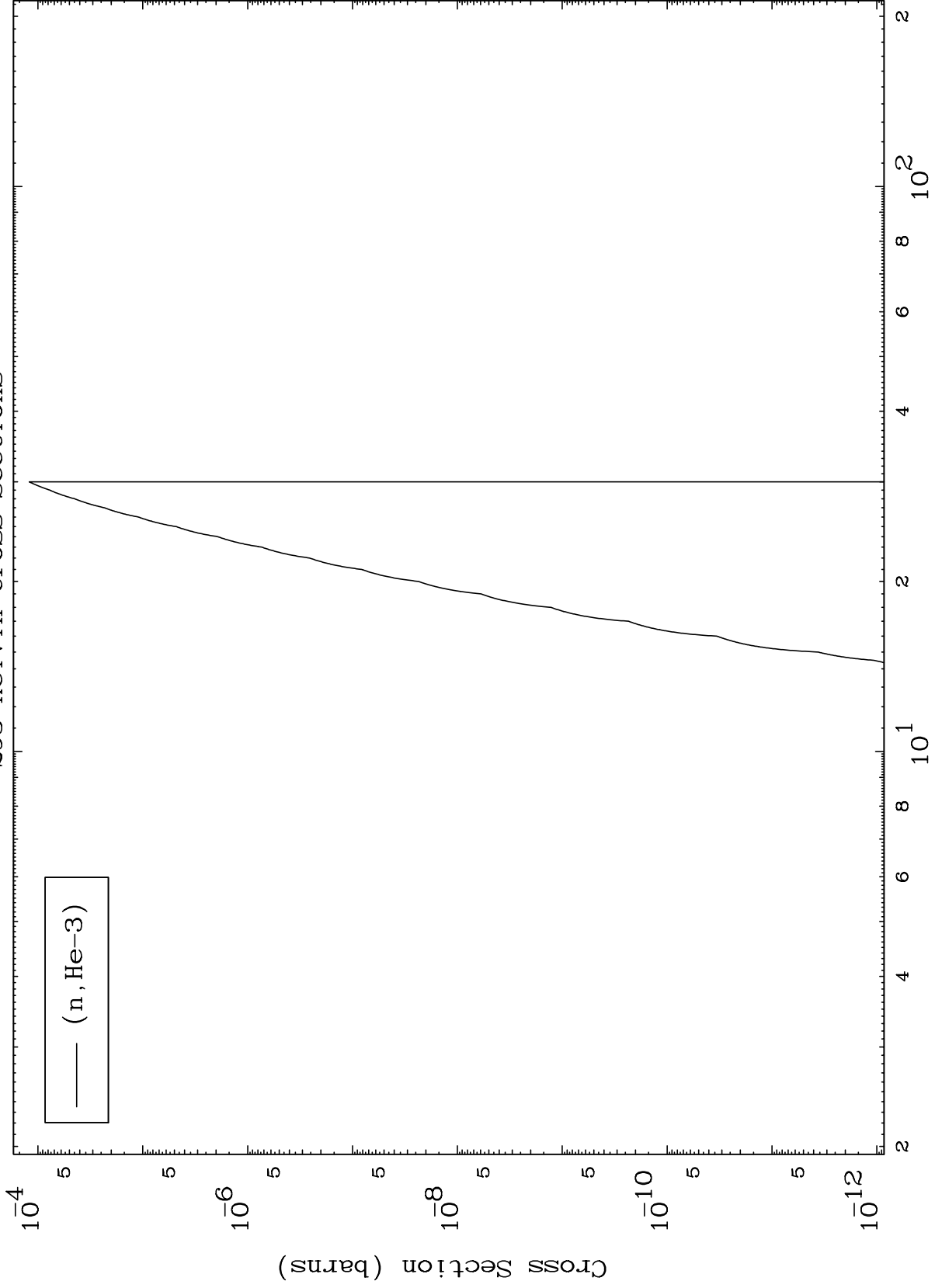
Incident Energy (MeV)

101-Md-258

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(n,He3) Levels
293 Kelvin Cross Sections

101-Md-258



14

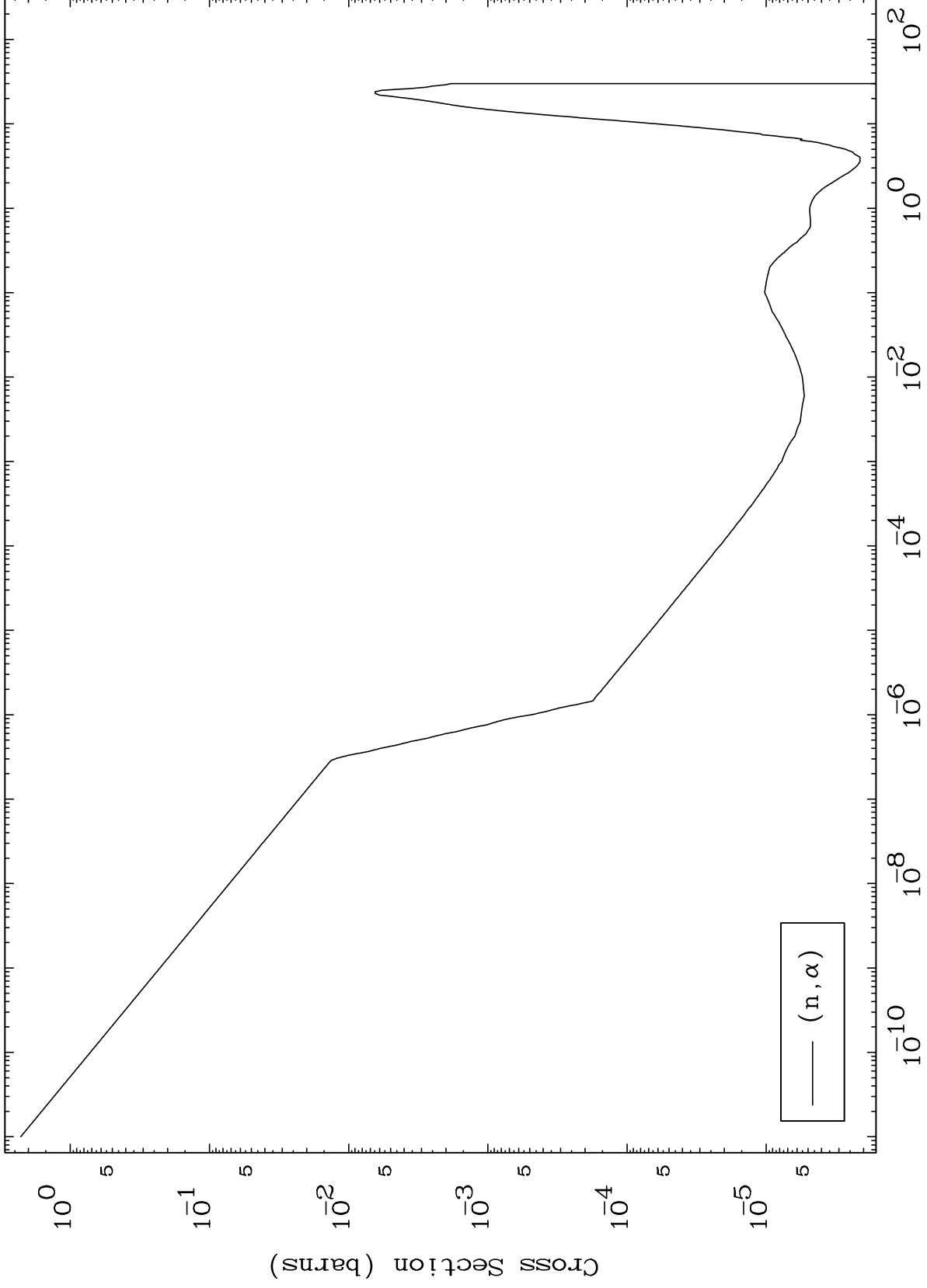
Incident Energy (MeV)

101-Md-258

MAT 9964

(n, α) Levels
293 Kelvin Cross Sections

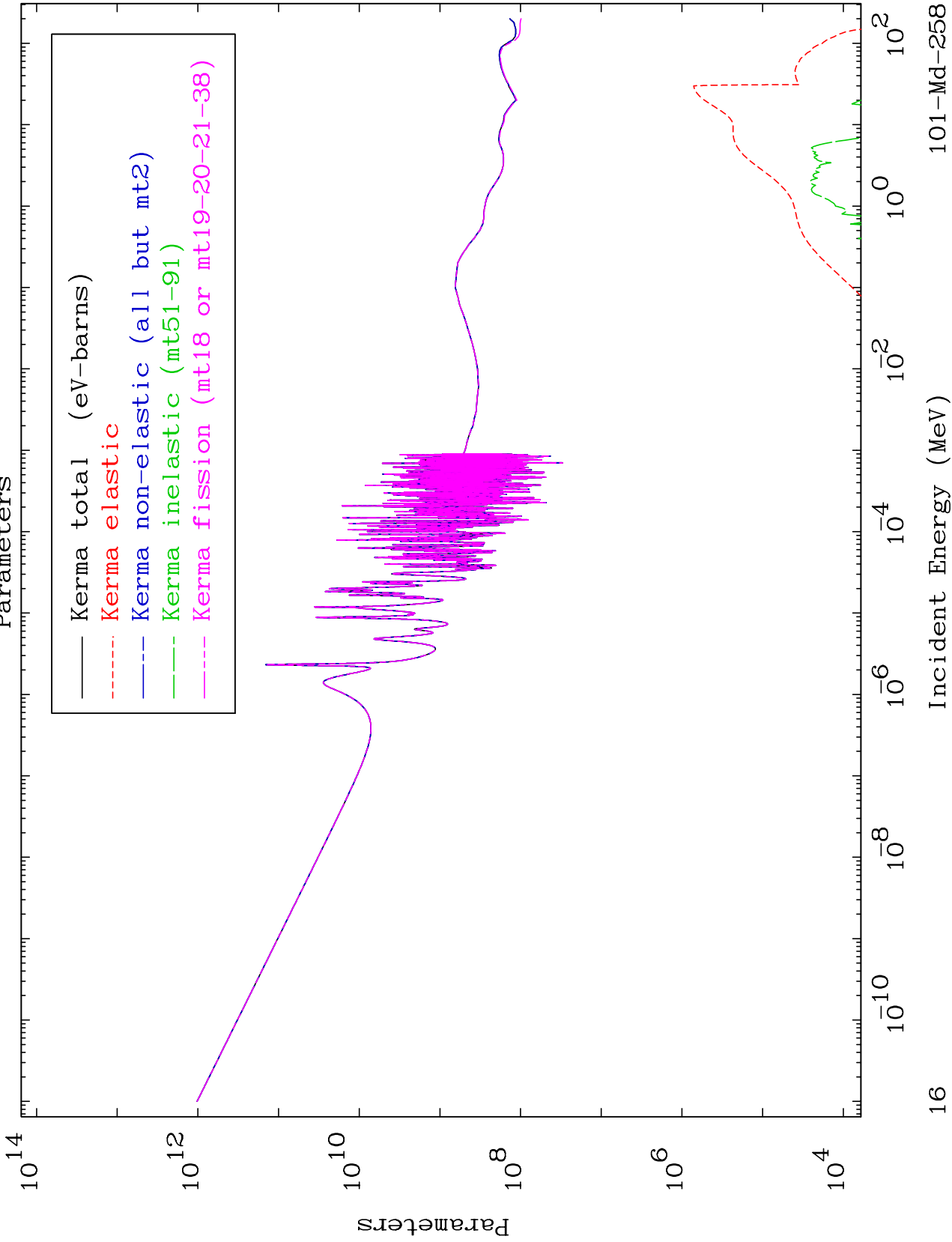
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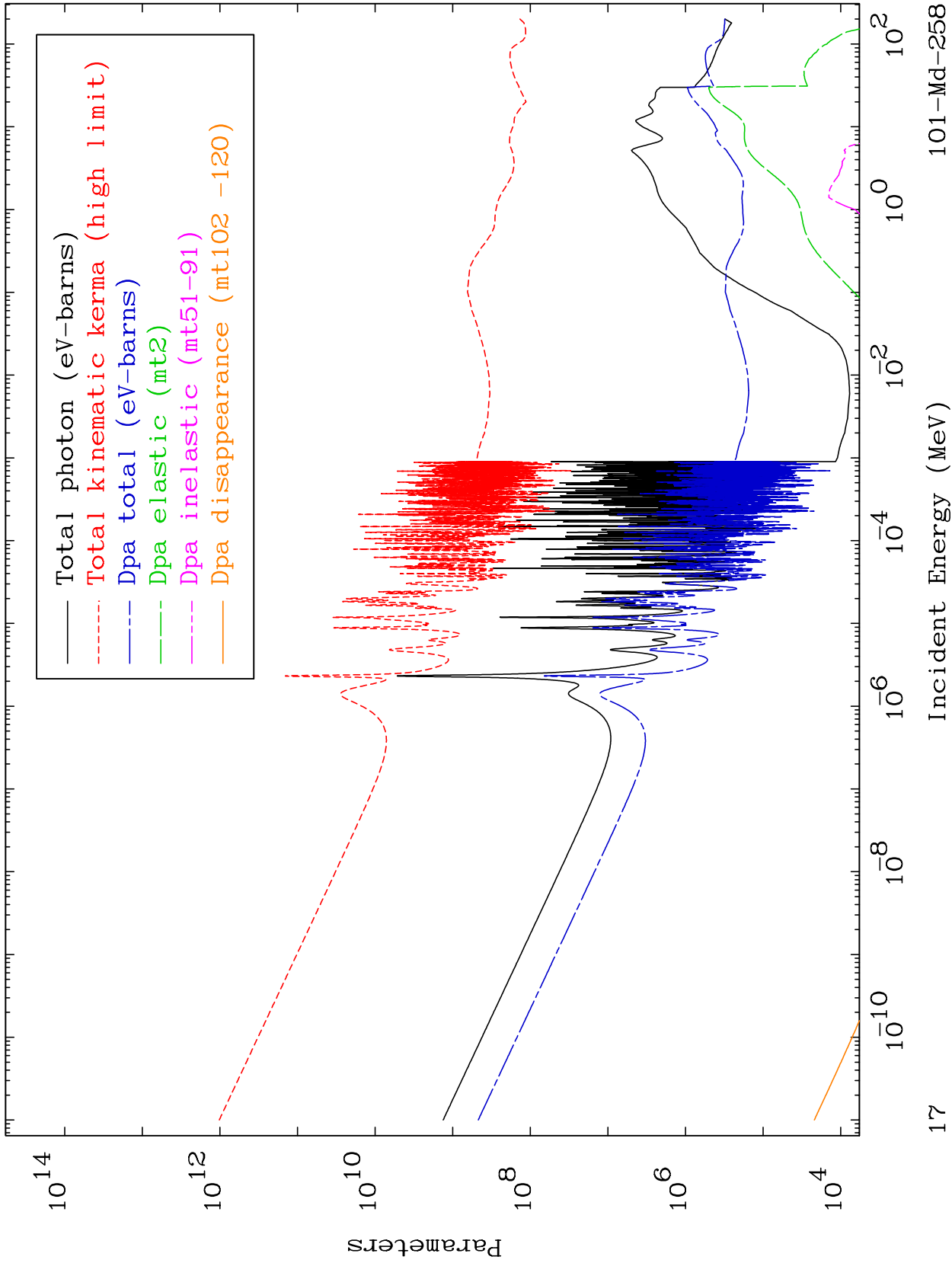


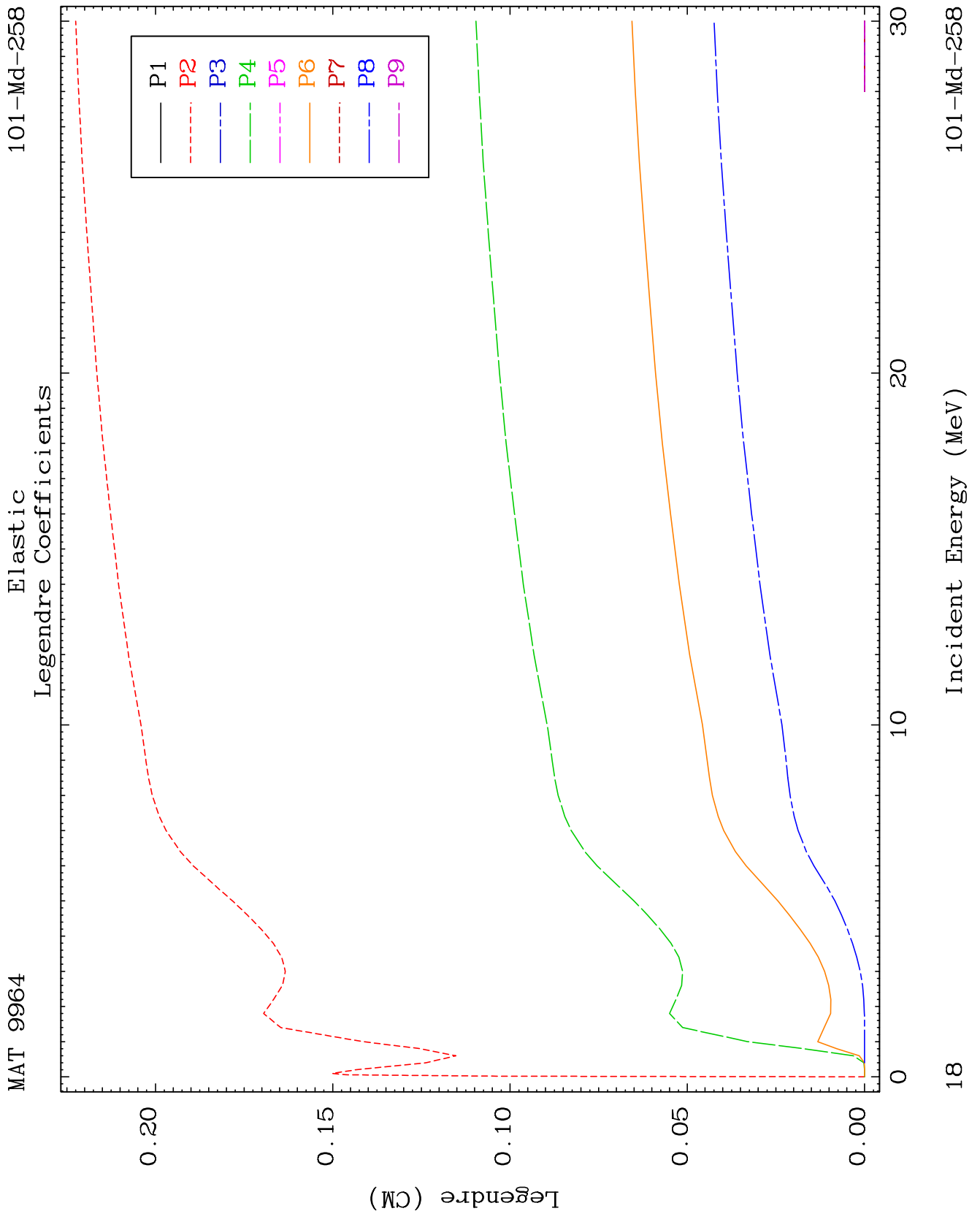
15

Incident Energy (MeV)

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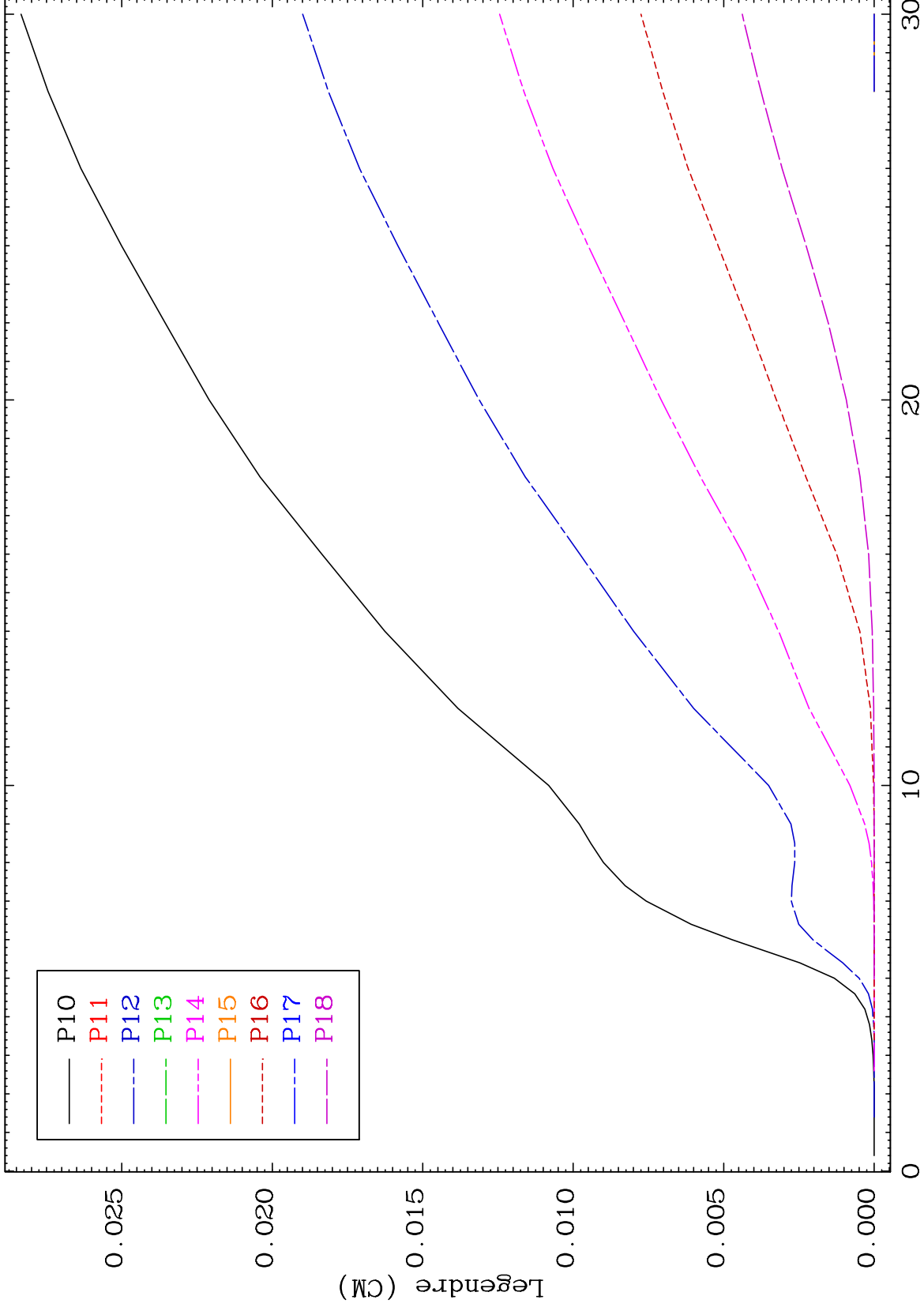




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Elastic Legendre Coefficients

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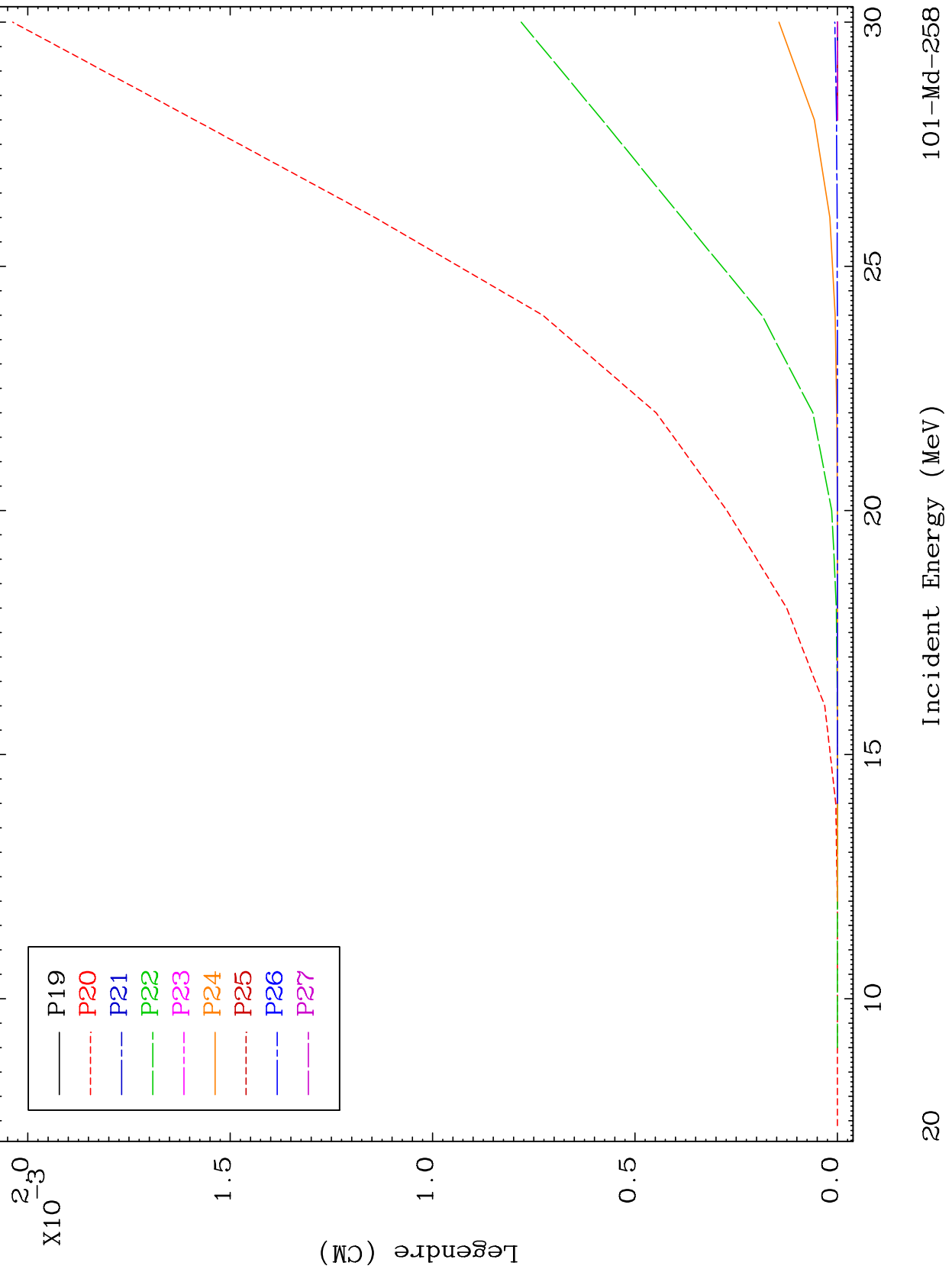
Incident Energy (MeV)

101-Md-258

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Elastic Legendre Coefficients

101-Md-258

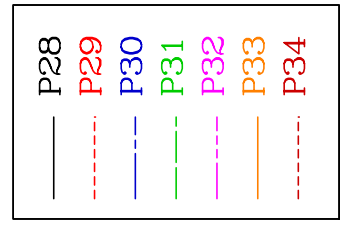


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Elastic
Legendre Coefficients

101-Md-258



$\times 10^{-7}$

Legendre (CM)

3

2

1

0

18

20

22

24

26

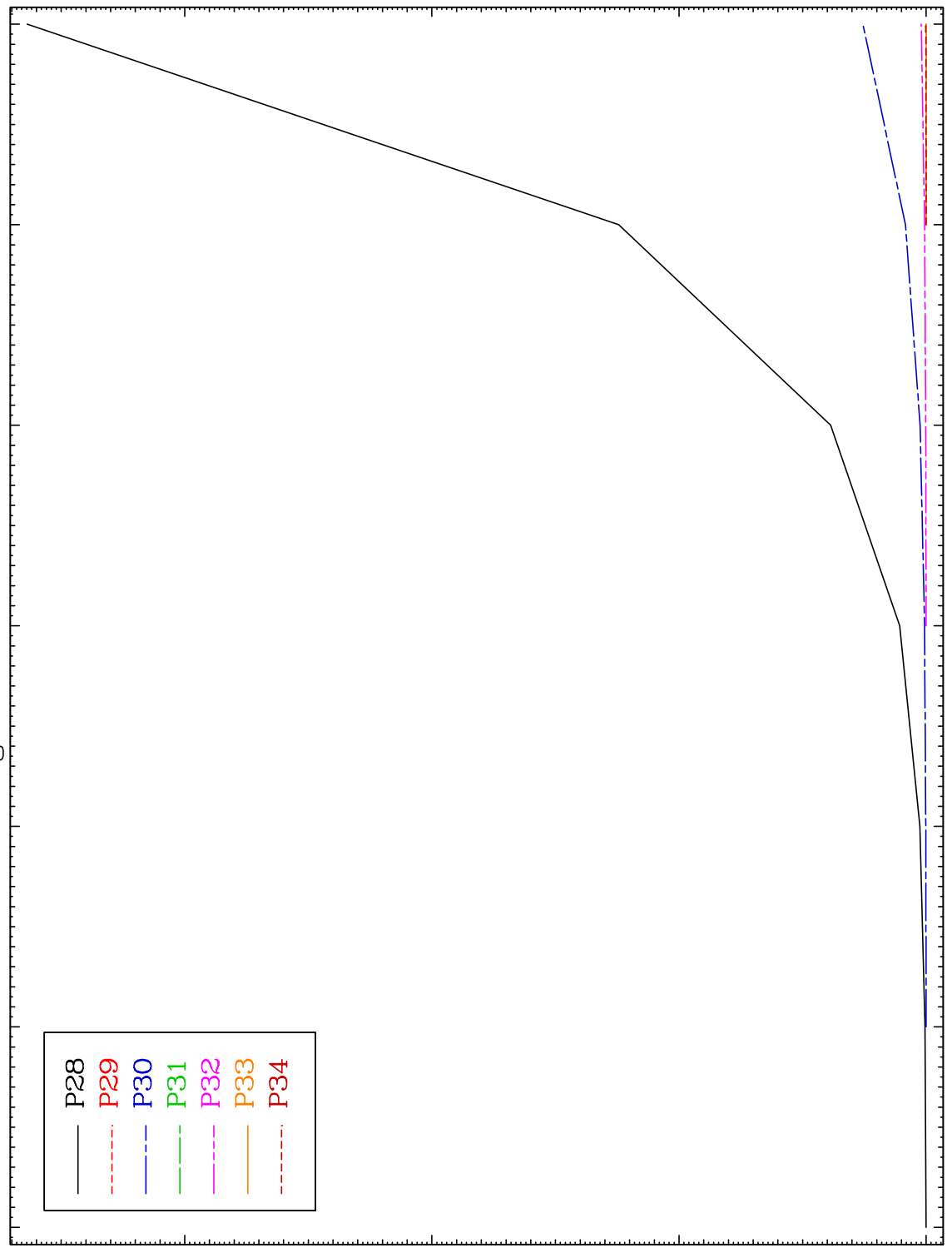
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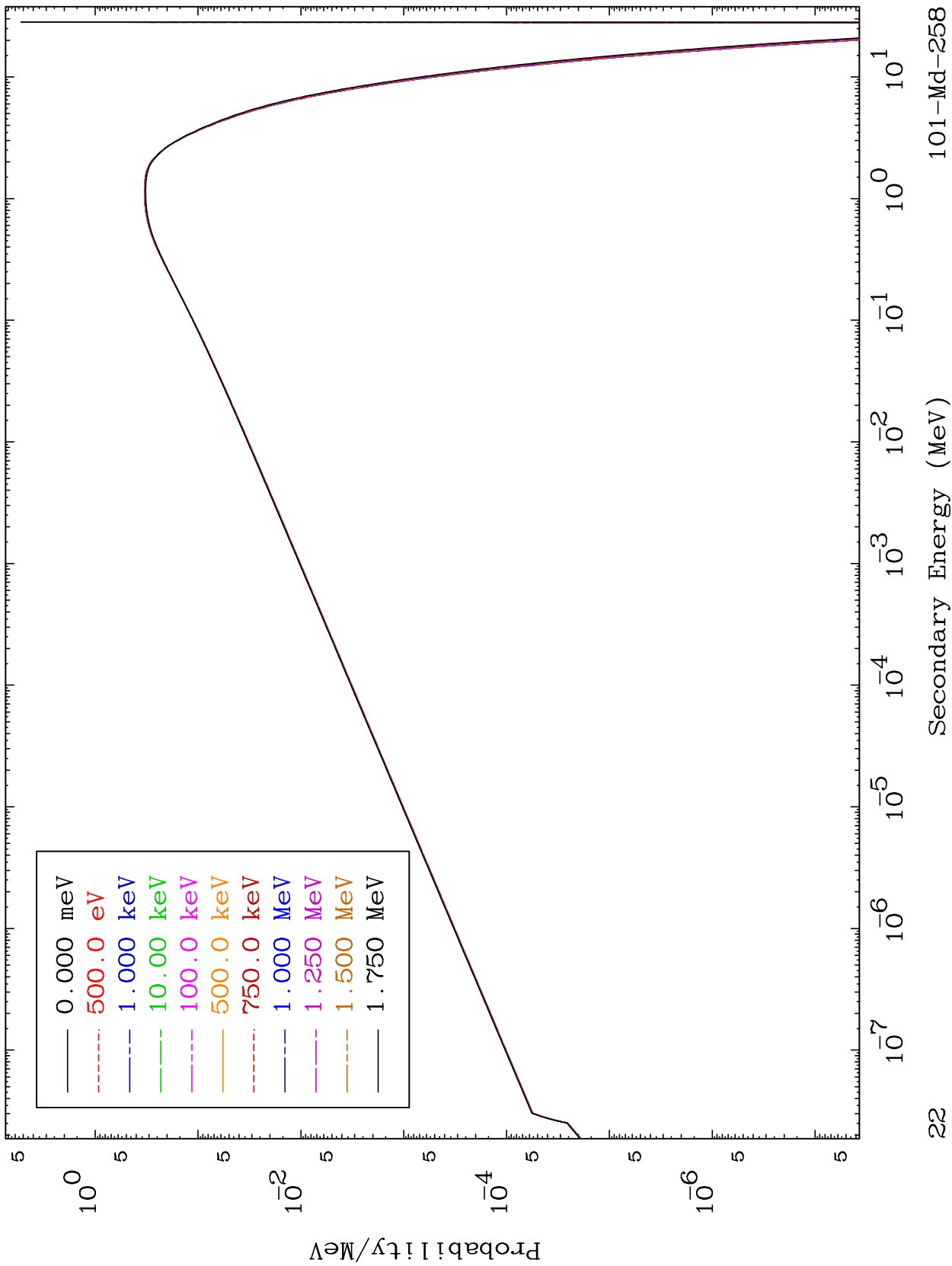
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101-Md-258

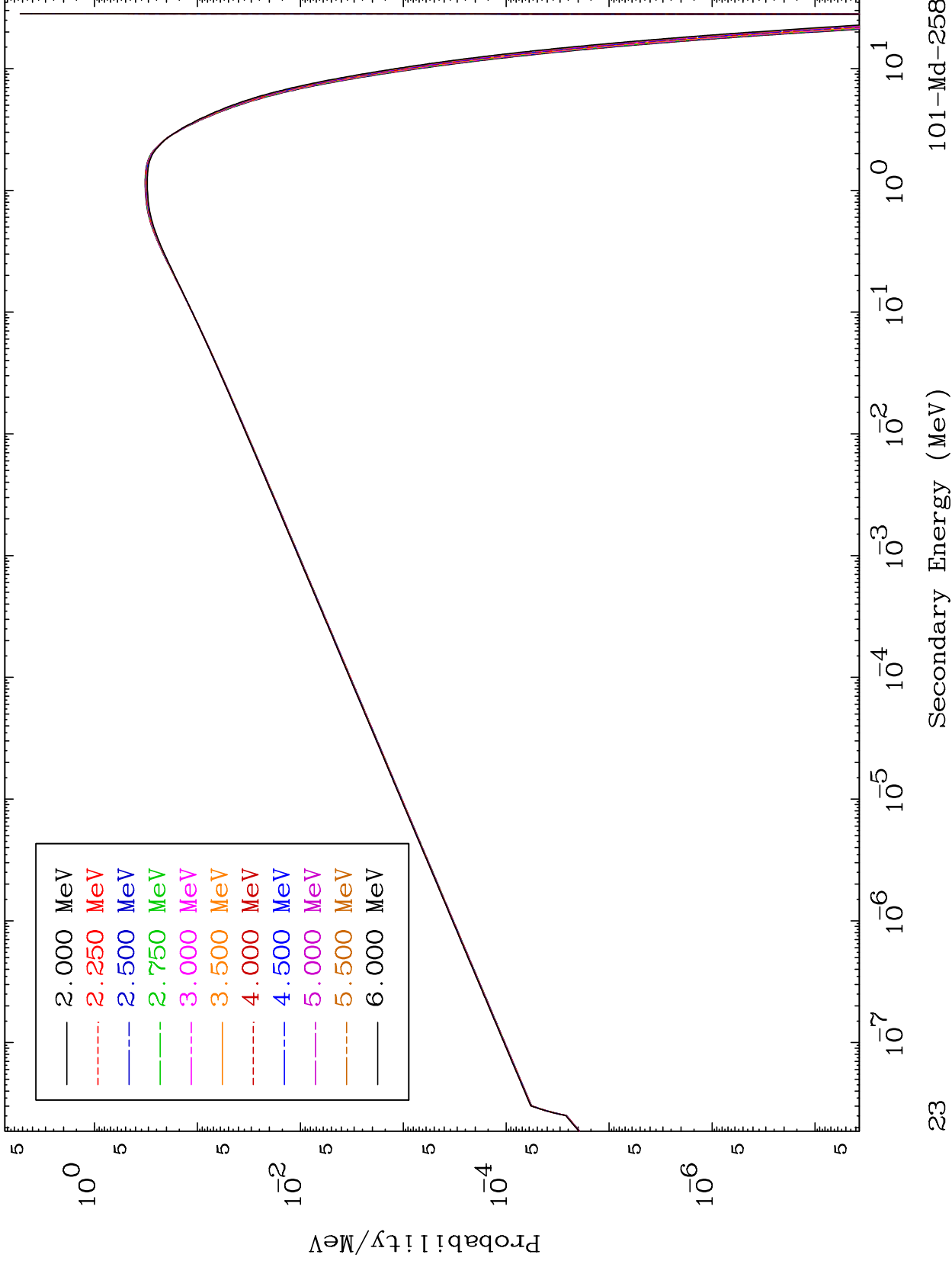
Incident Energy (MeV)

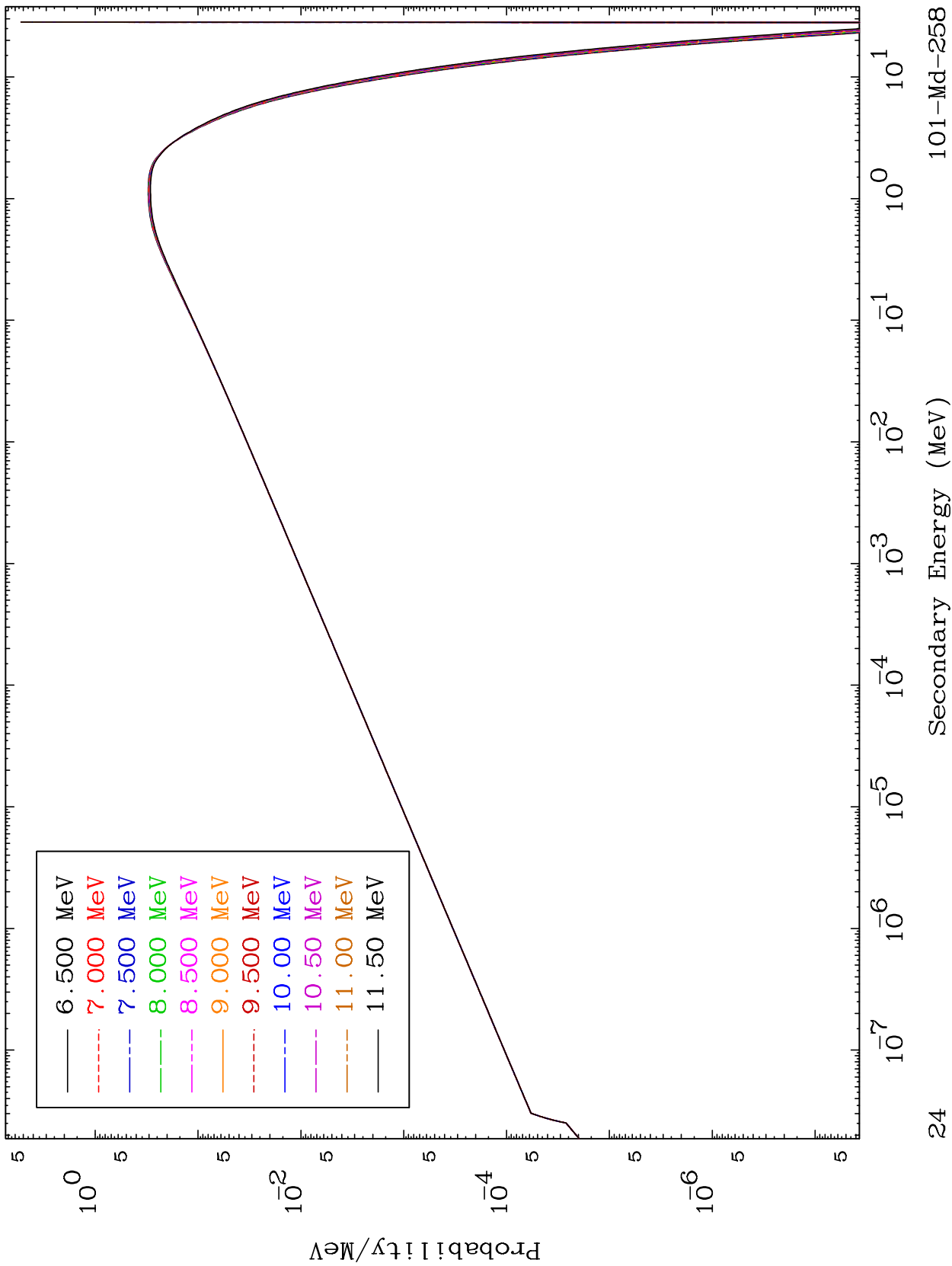
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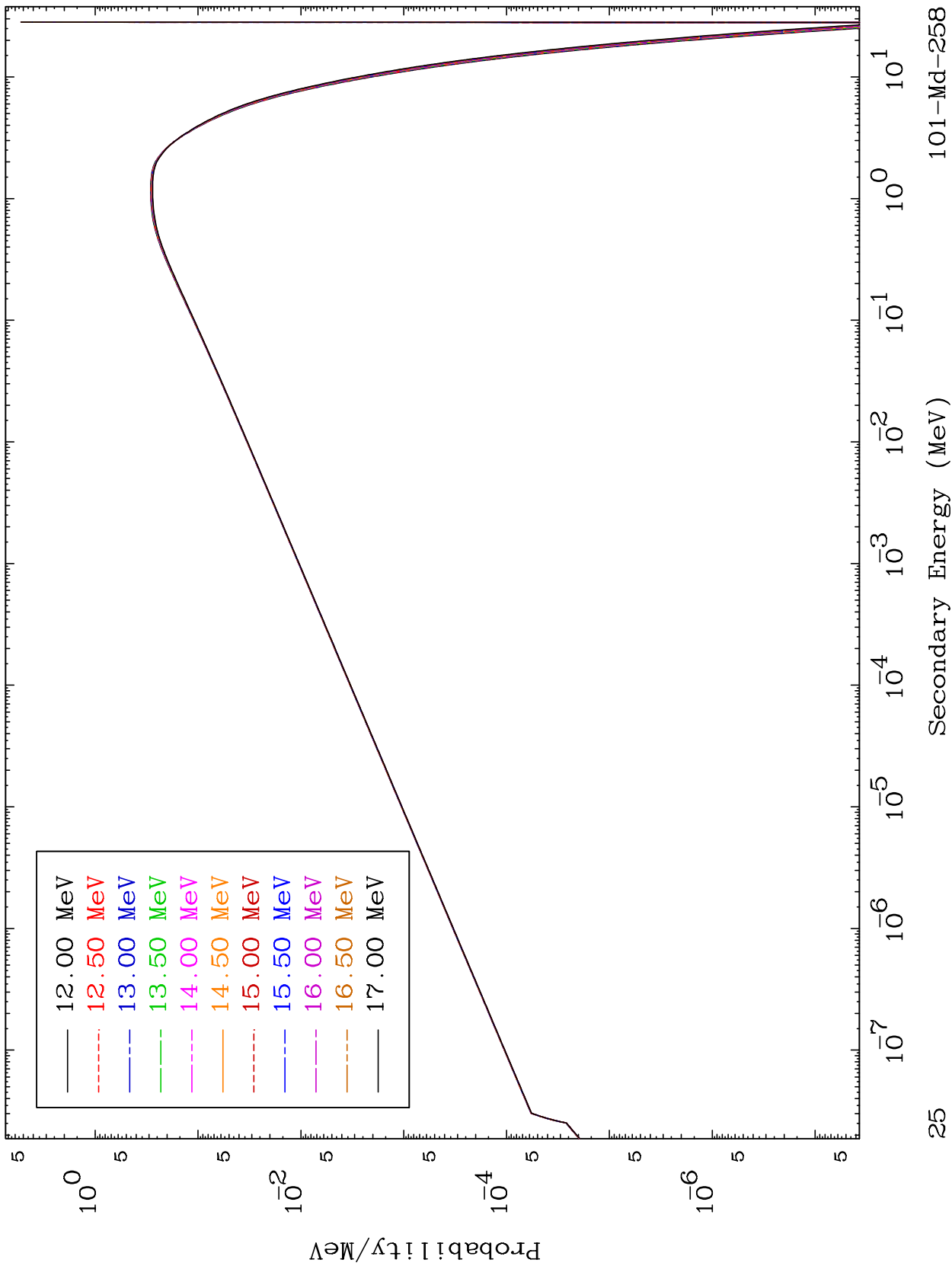




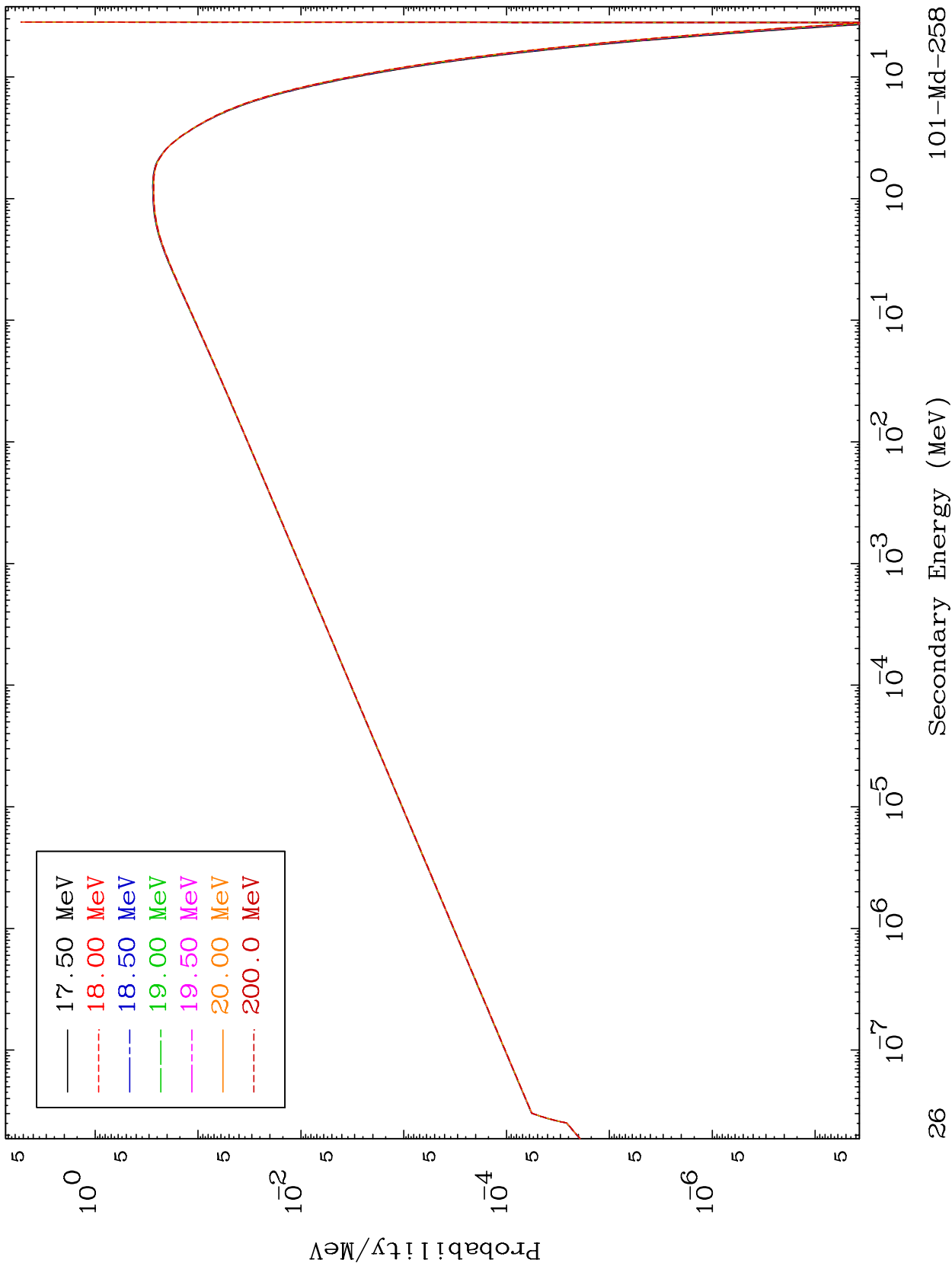
Fission
Energy Distribution







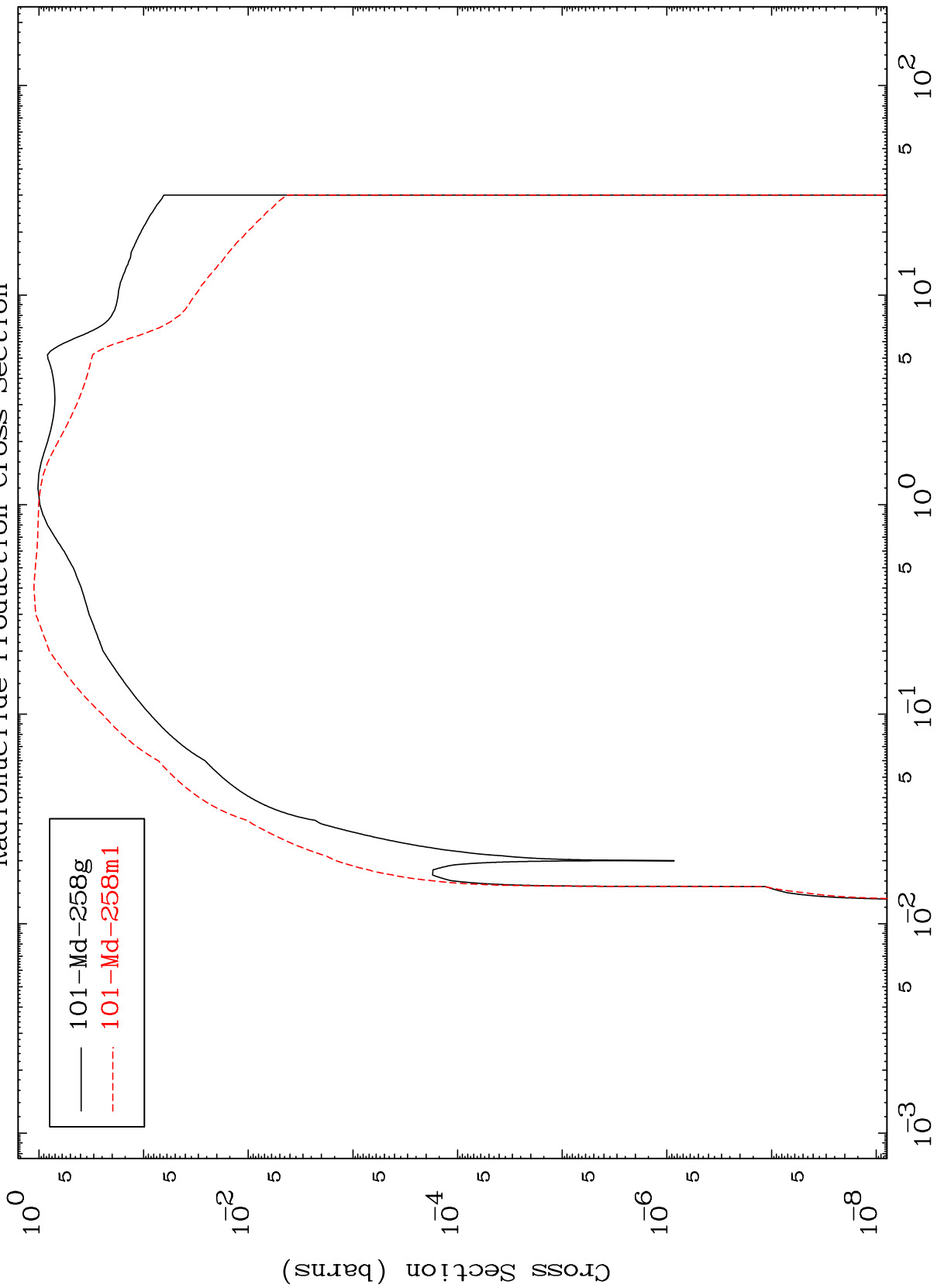
Fission
Energy Distribution



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Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

101-Md-258

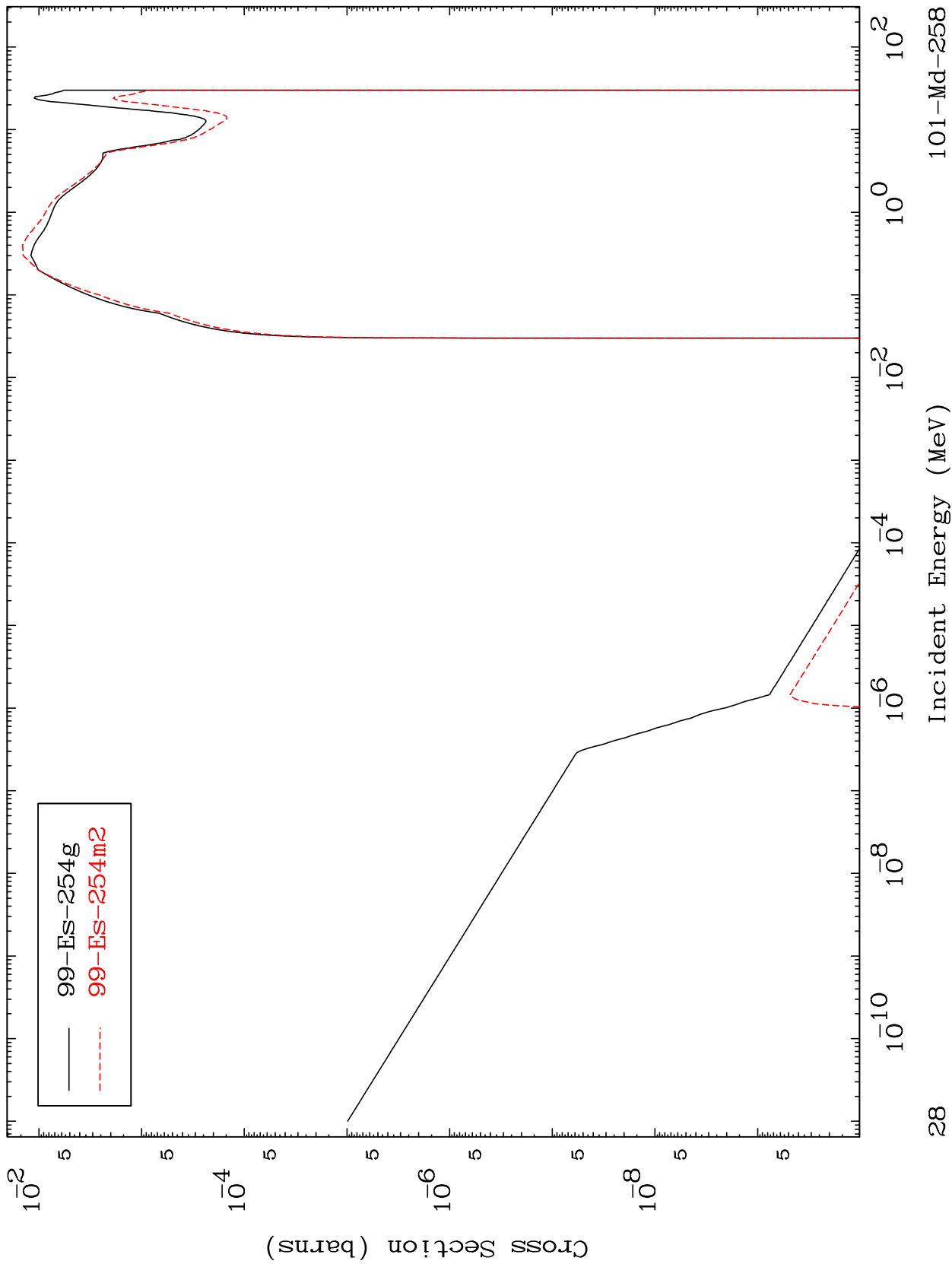
27

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$(n, n') \alpha$

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Radionuclide Production Cross Section



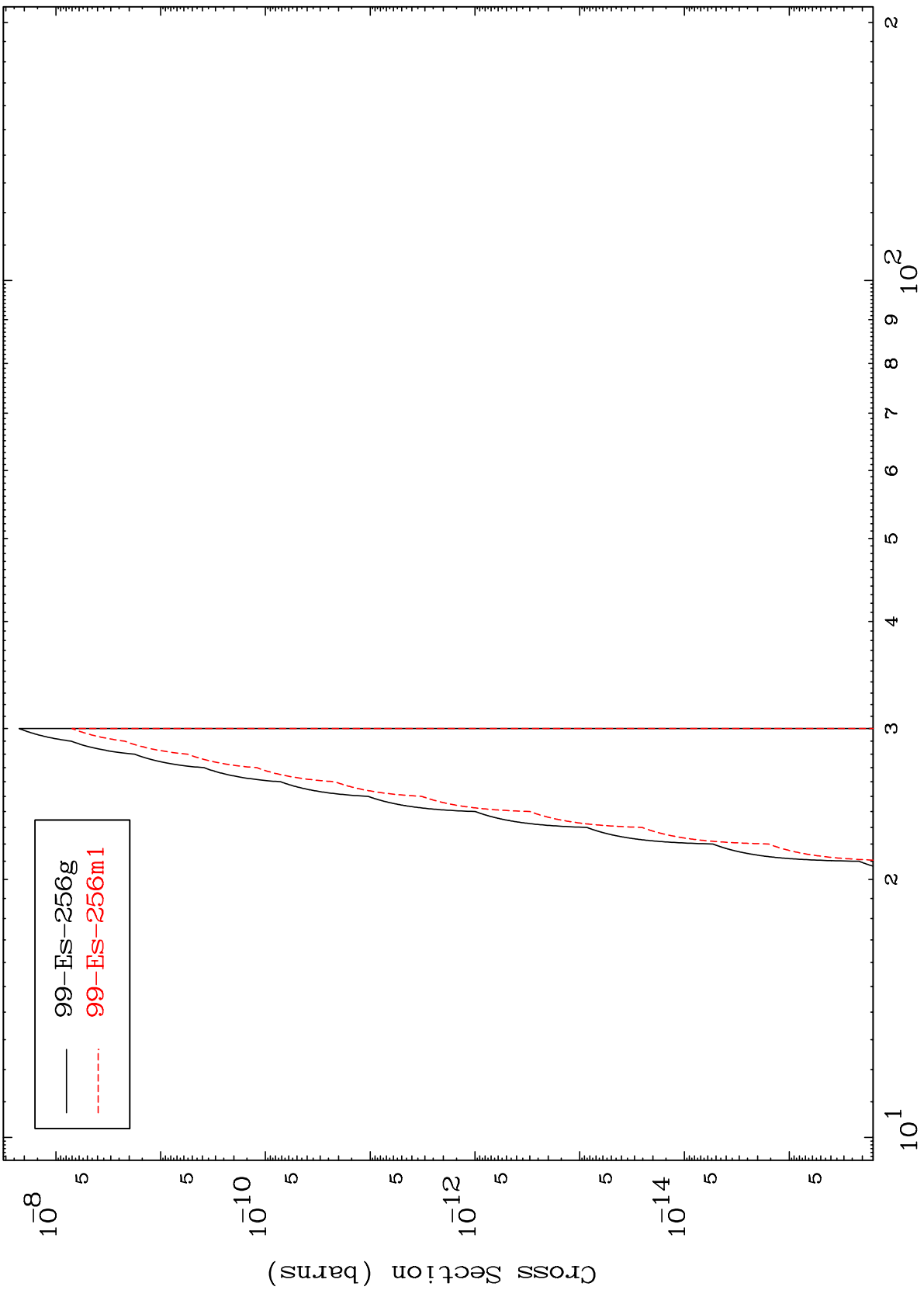
— 99-Es-254g
- - - 99-Es-254m2

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(n,2n) p

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Radionuclide Production Cross Section



Legend:
— 99-Es-256g
- - - 99-Es-256m1

29

Incident Energy (MeV)

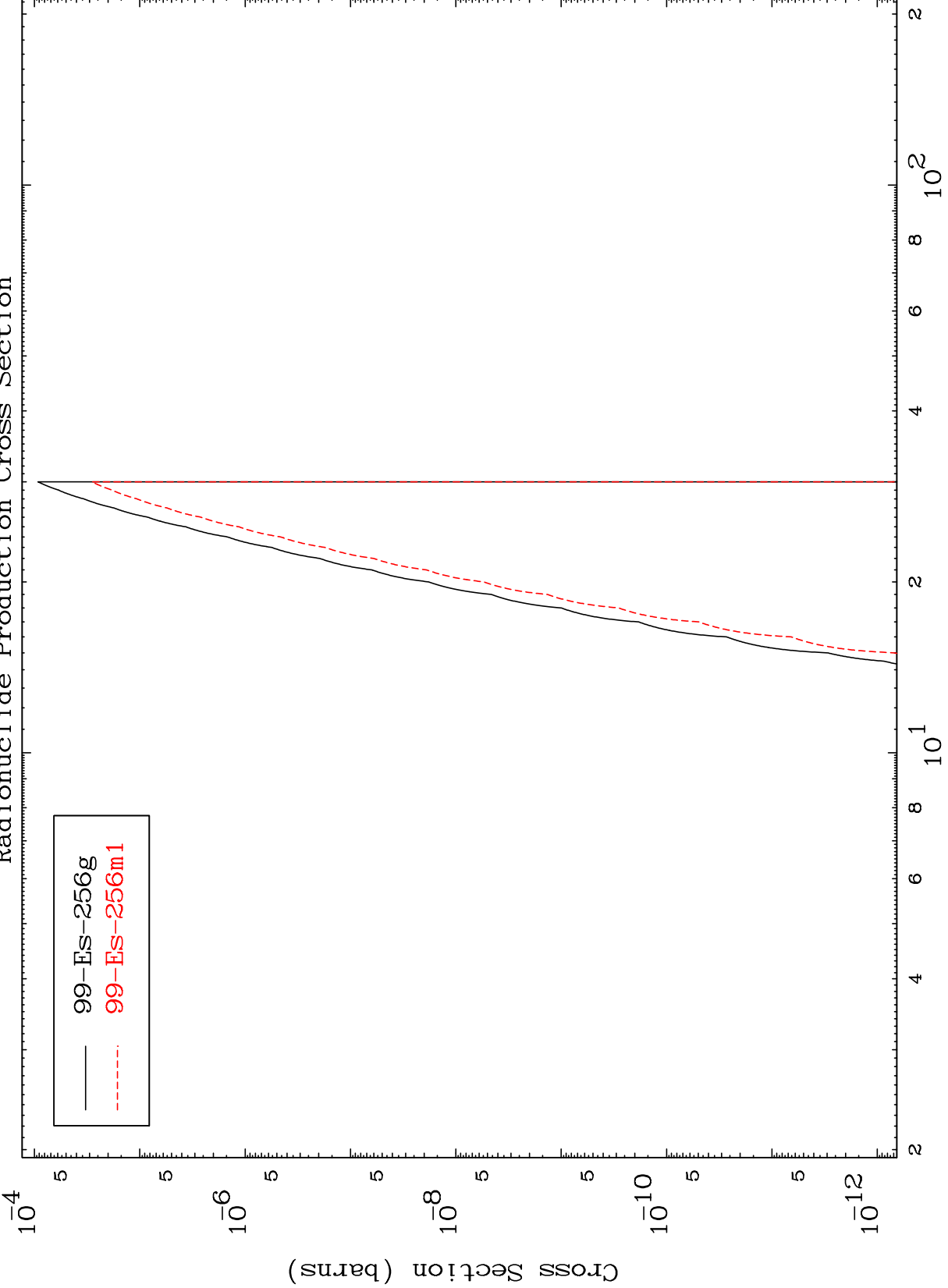
101-Md-258

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(n,He-3)

101-Md-258

Radionuclide Production Cross Section



30

Incident Energy (MeV)

101-Md-258