

Program EVALPLOT
(Version 2017-1)

by

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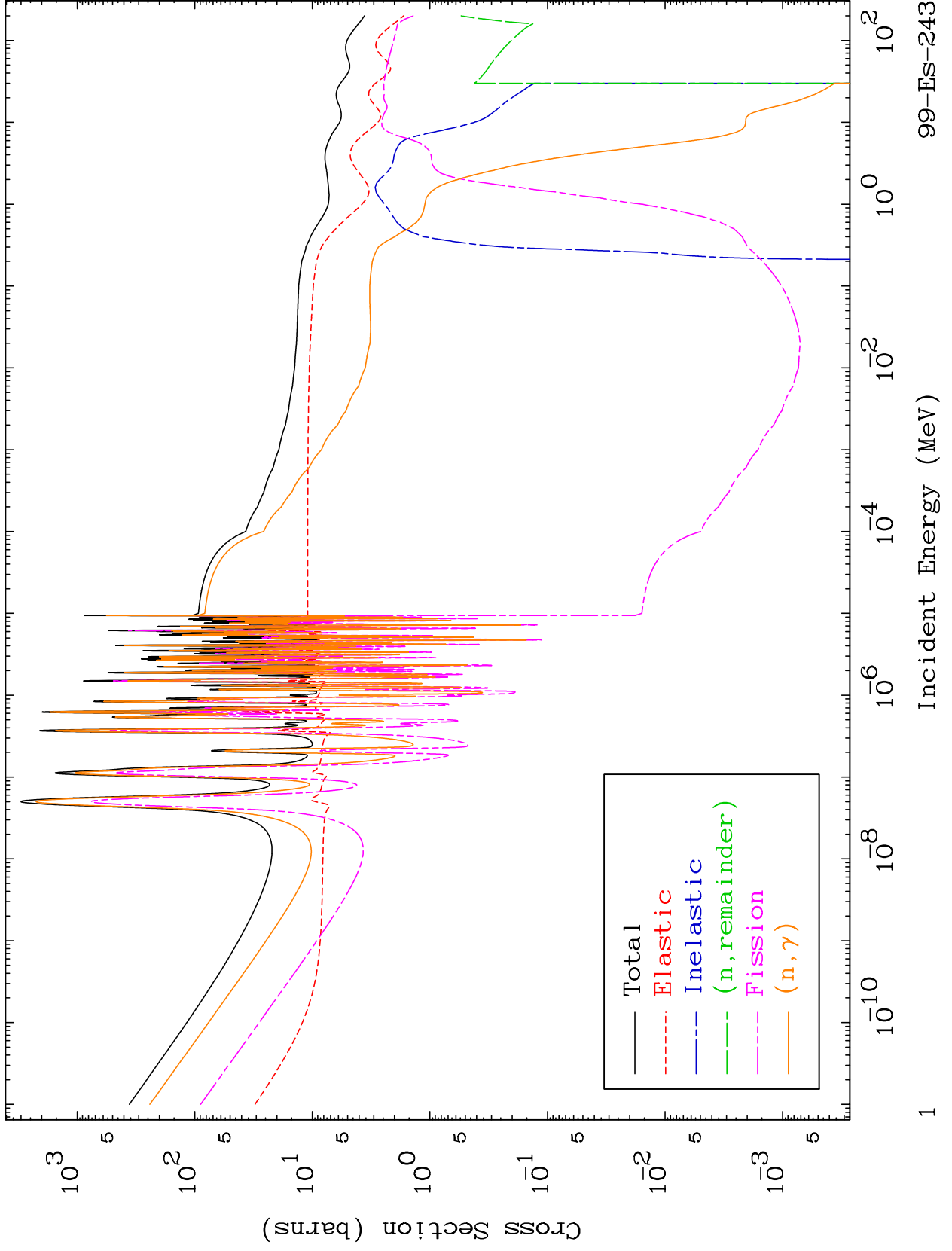
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9903

Major
293 Kelvin Cross Sections

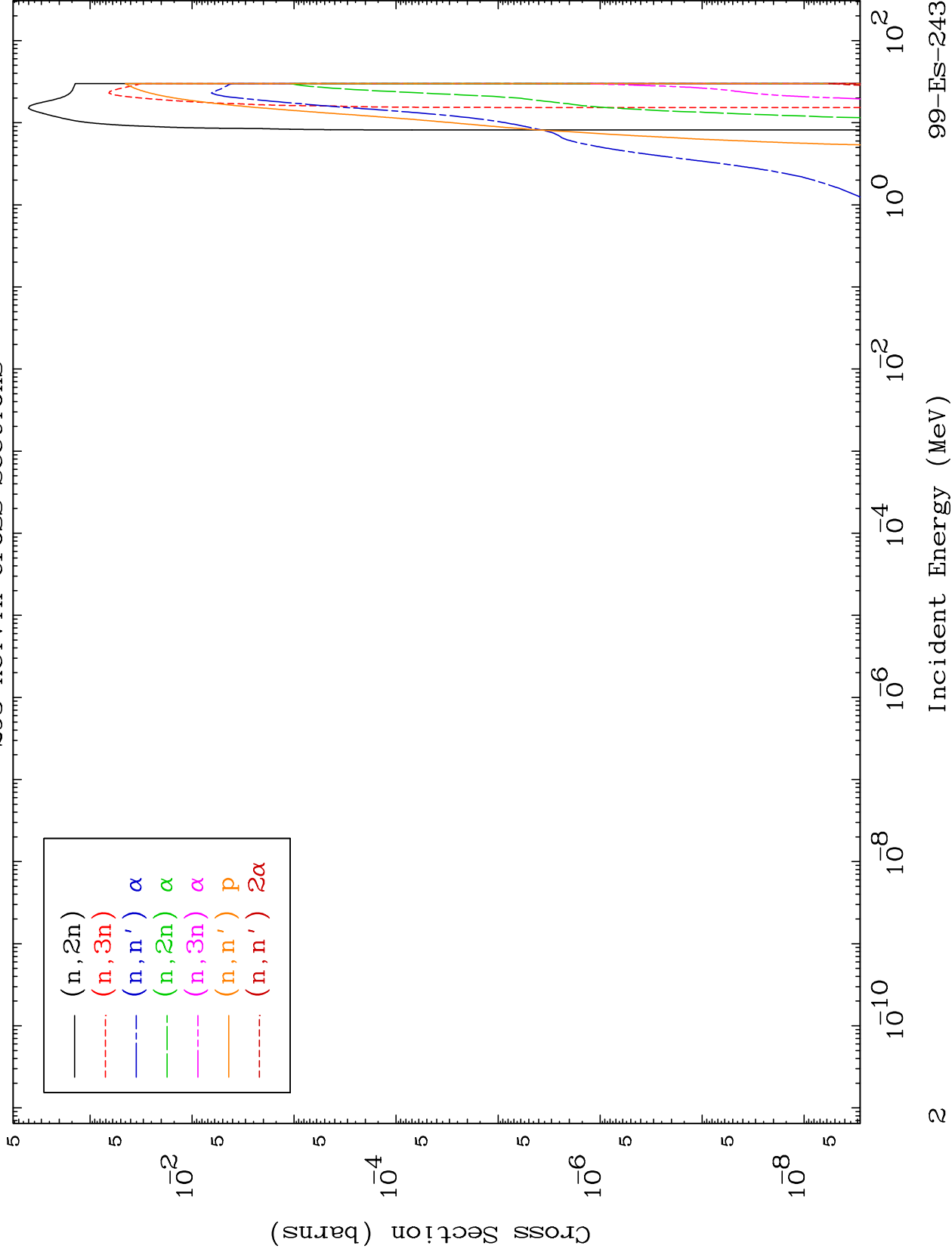
99-Es-243

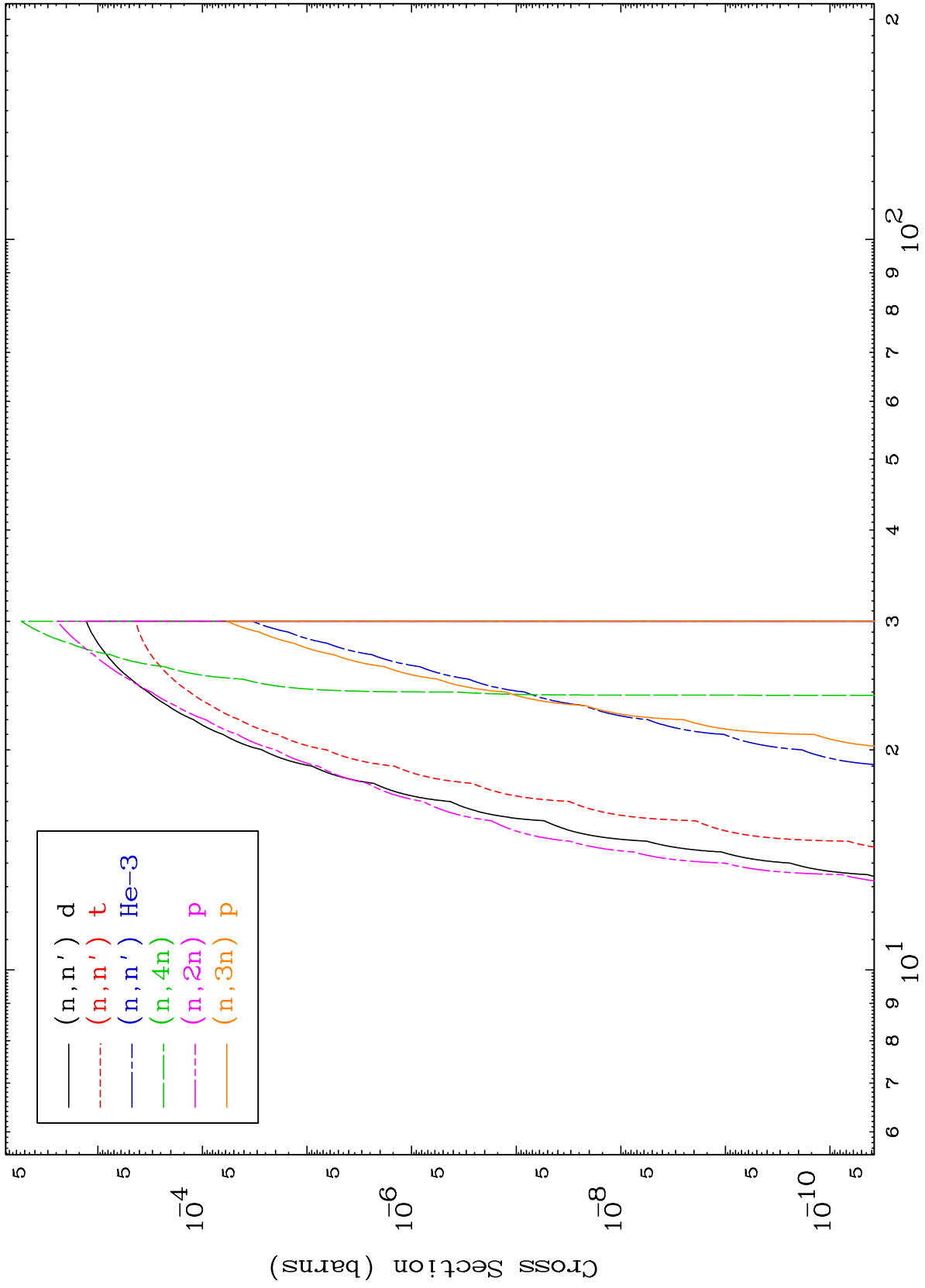


MAT 9903

Neutron Production
293 Kelvin Cross Sections

99-Es-243

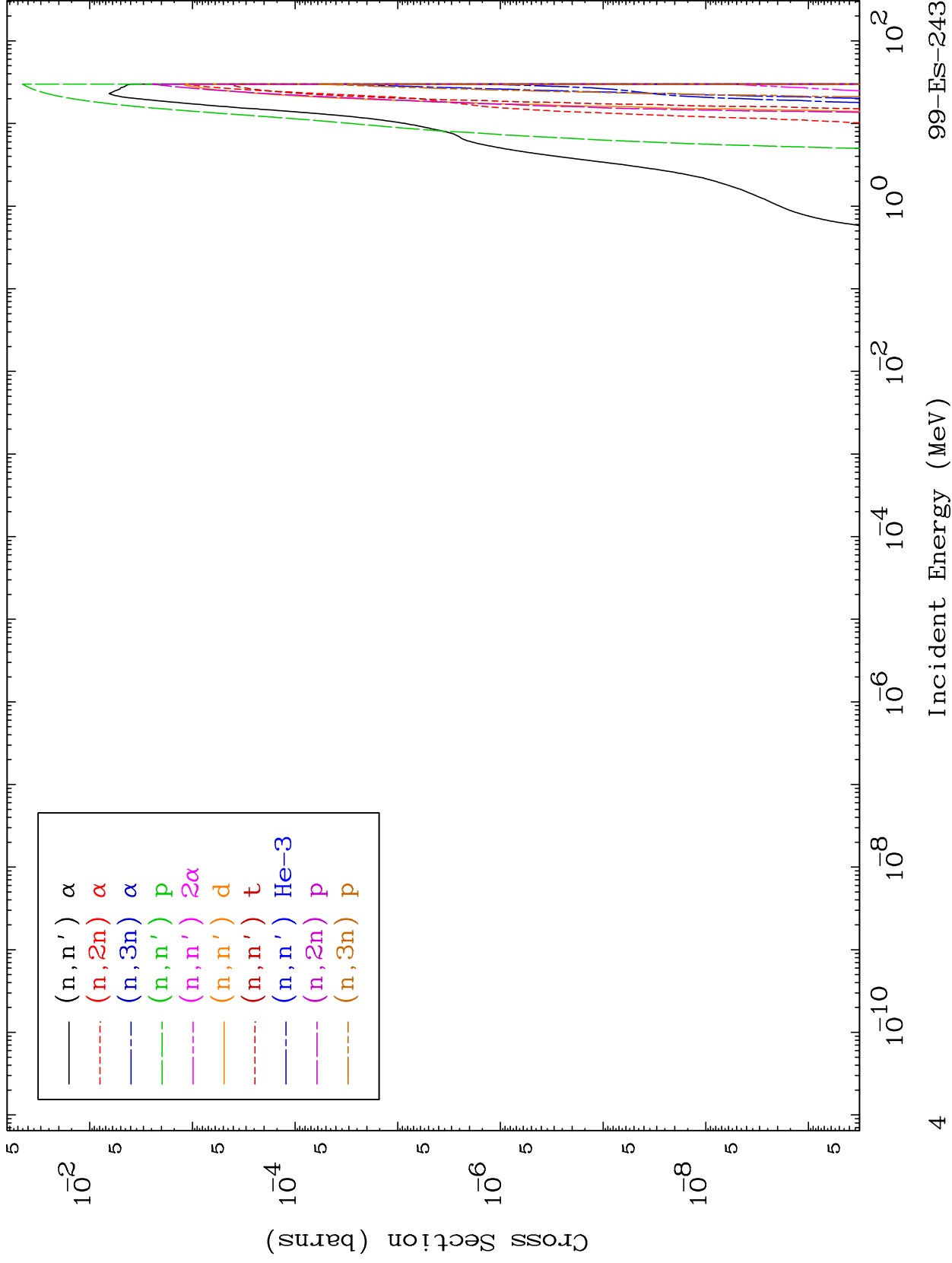




MAT 9903

Charged Particle
293 Kelvin Cross Sections

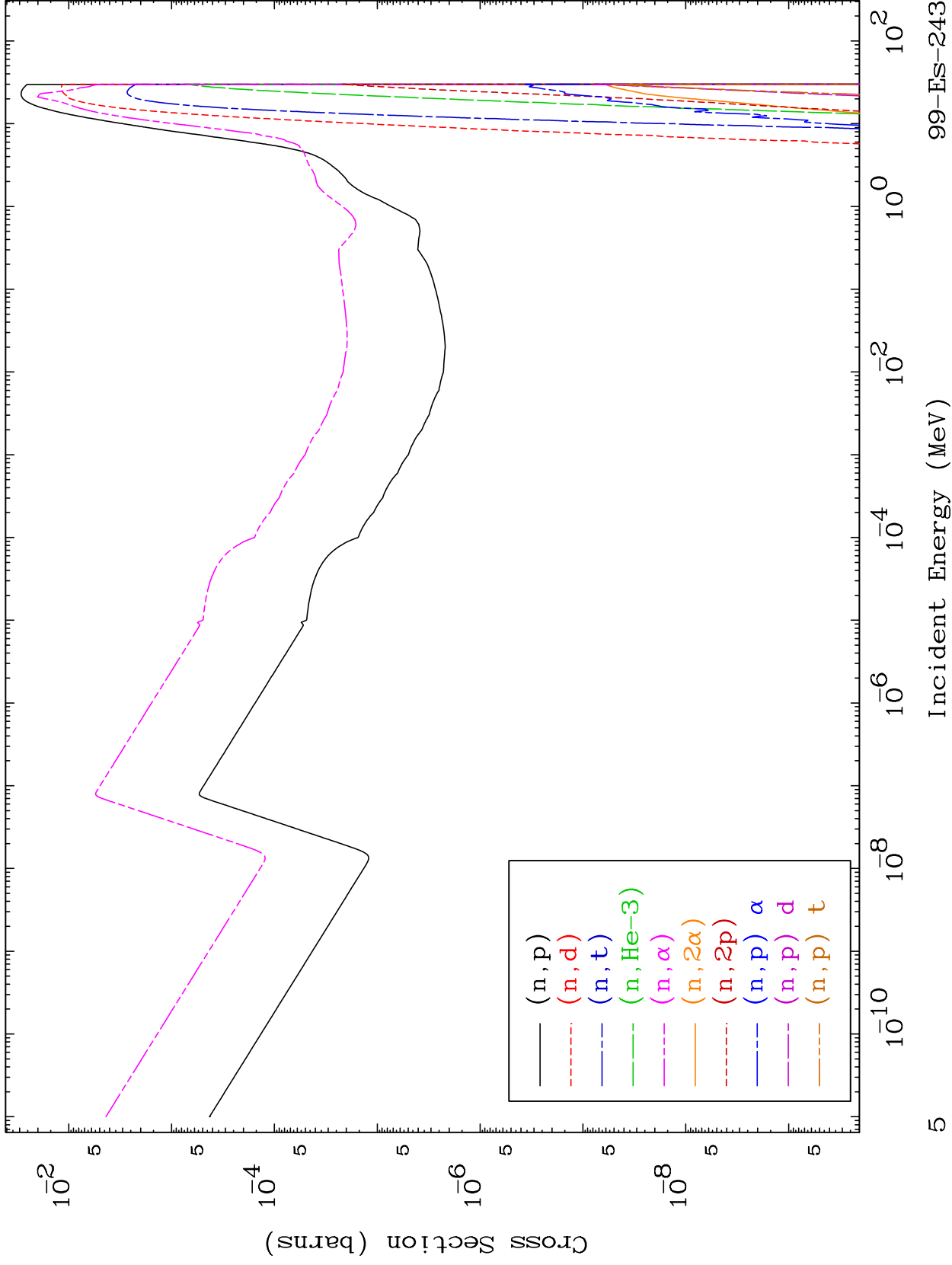
99-Es-243



MAT 9903

Charged Particle
293 Kelvin Cross Sections

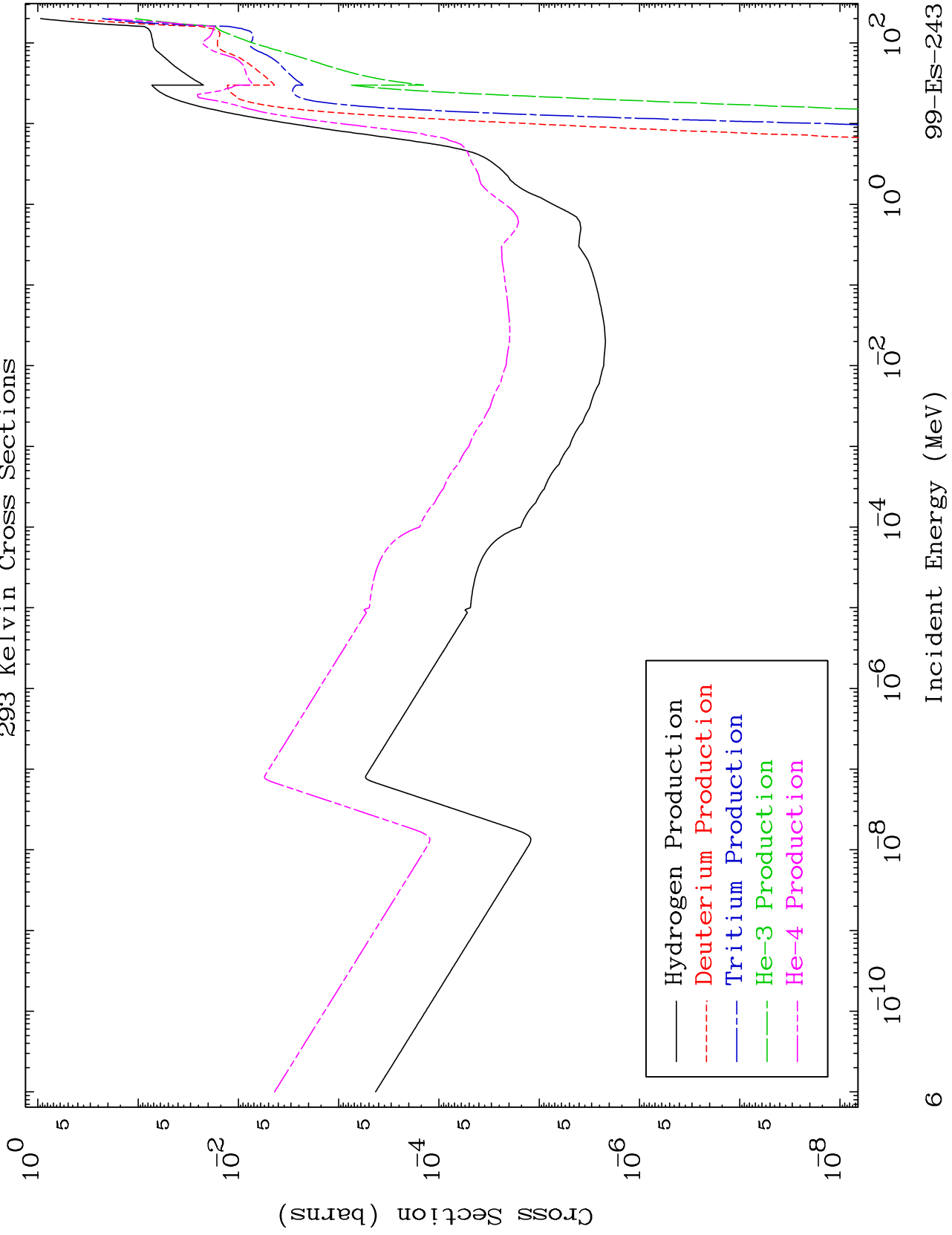
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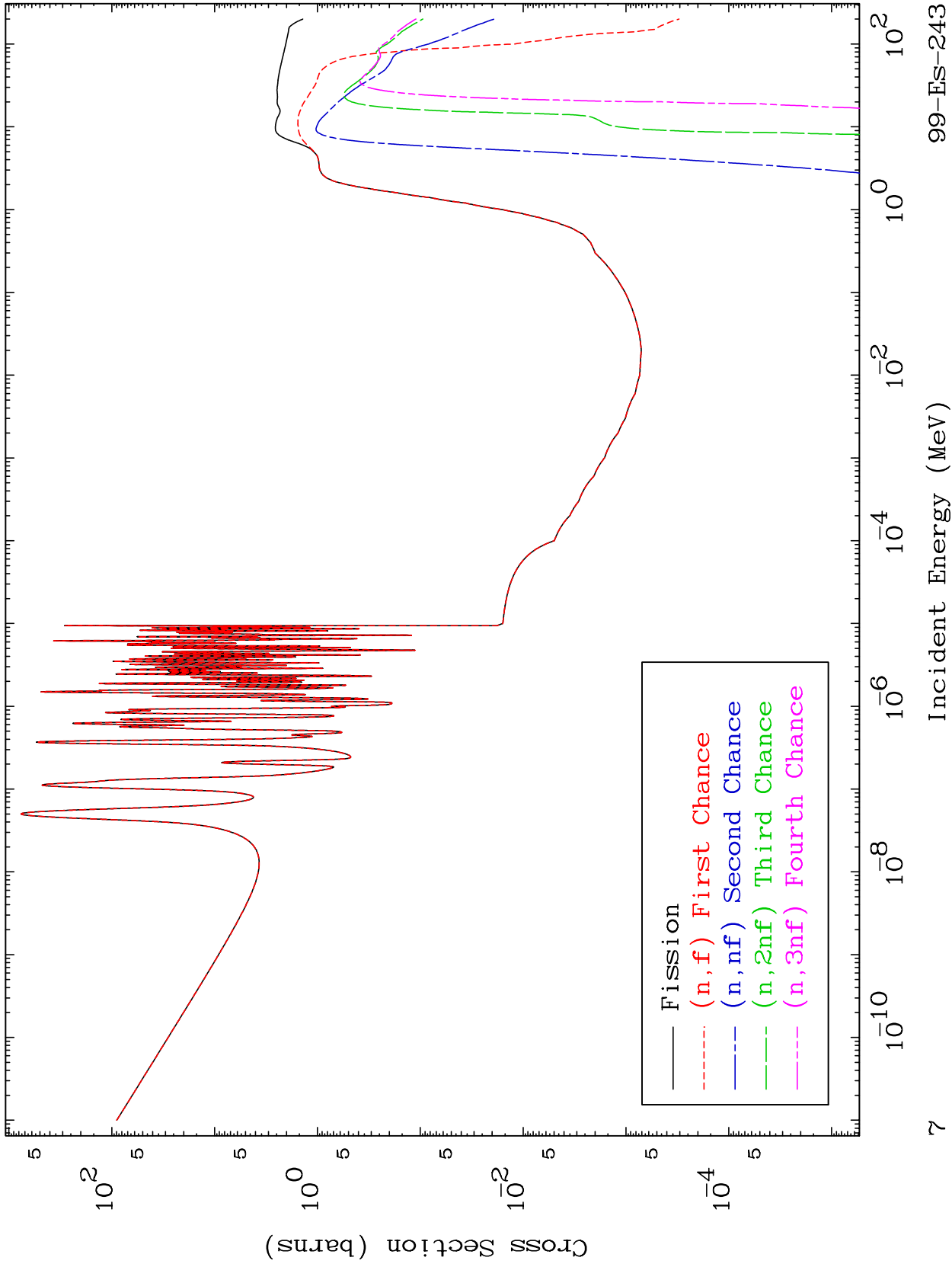


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Particle Production
293 Kelvin Cross Sections

99-Es-243



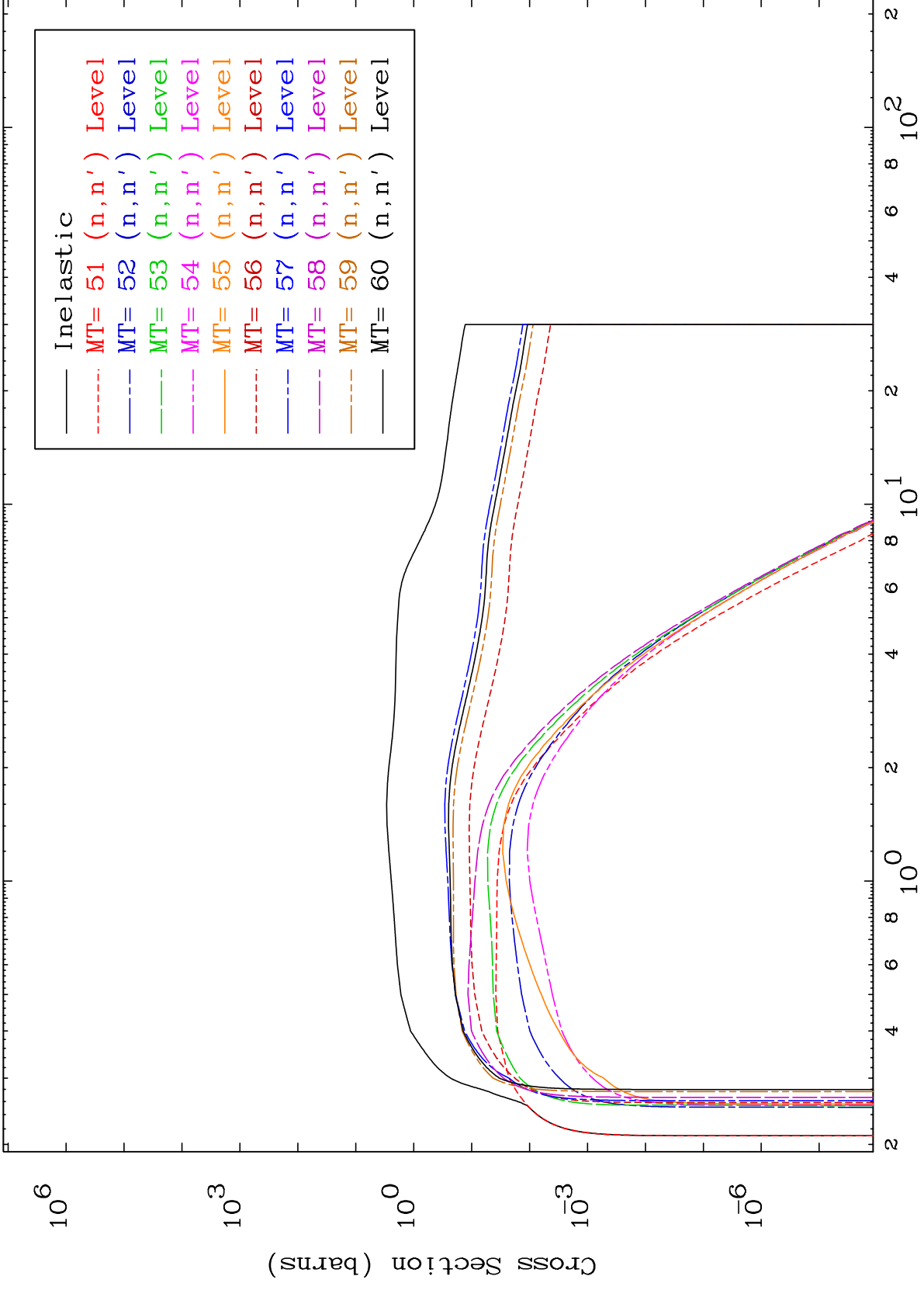


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(n,n') Level

99-Es-243

293 Kelvin Cross Sections



Incident Energy (MeV)

99-Es-243

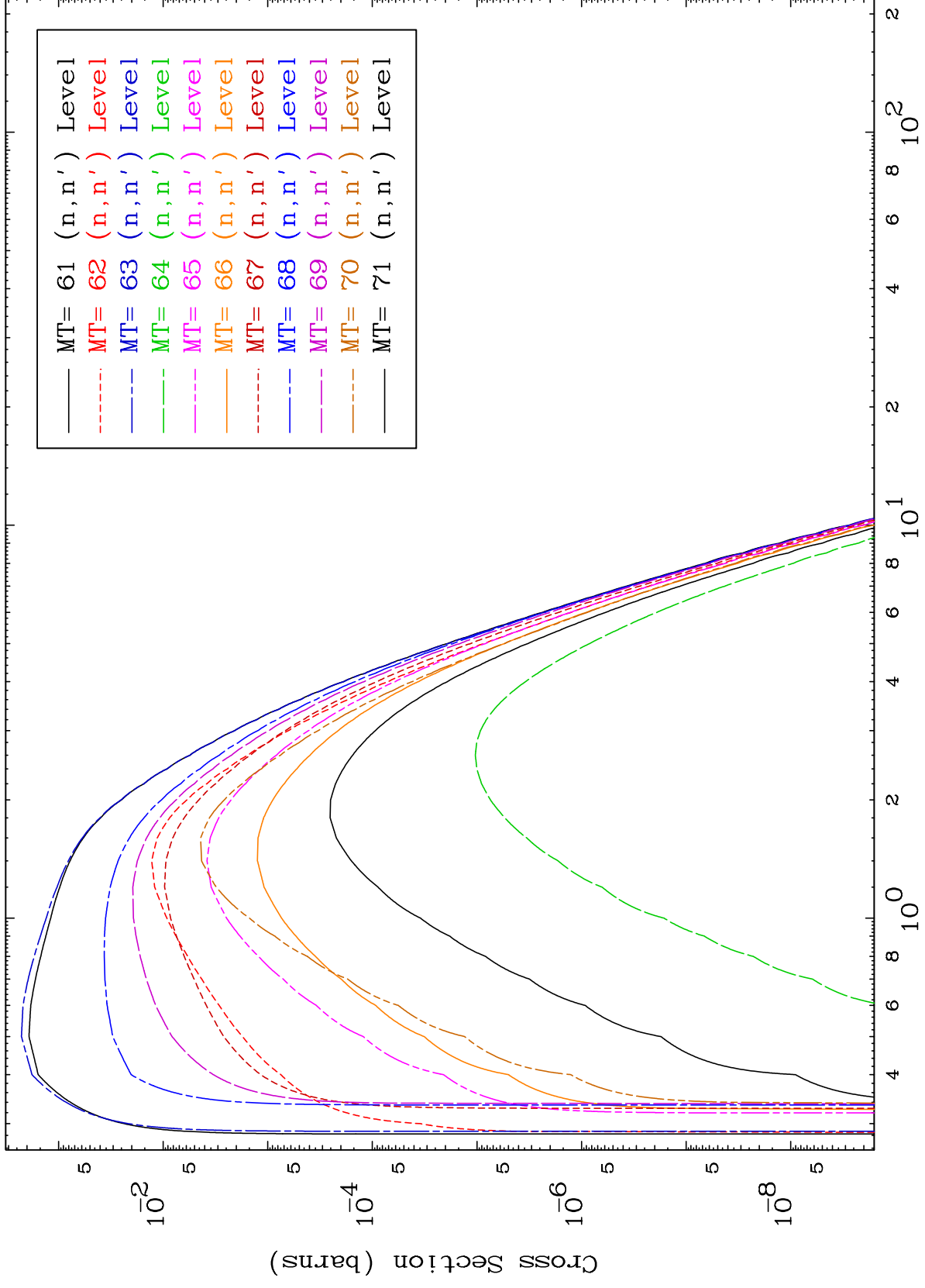
8

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(n,n') Level

99-Es-243

293 Kelvin Cross Sections

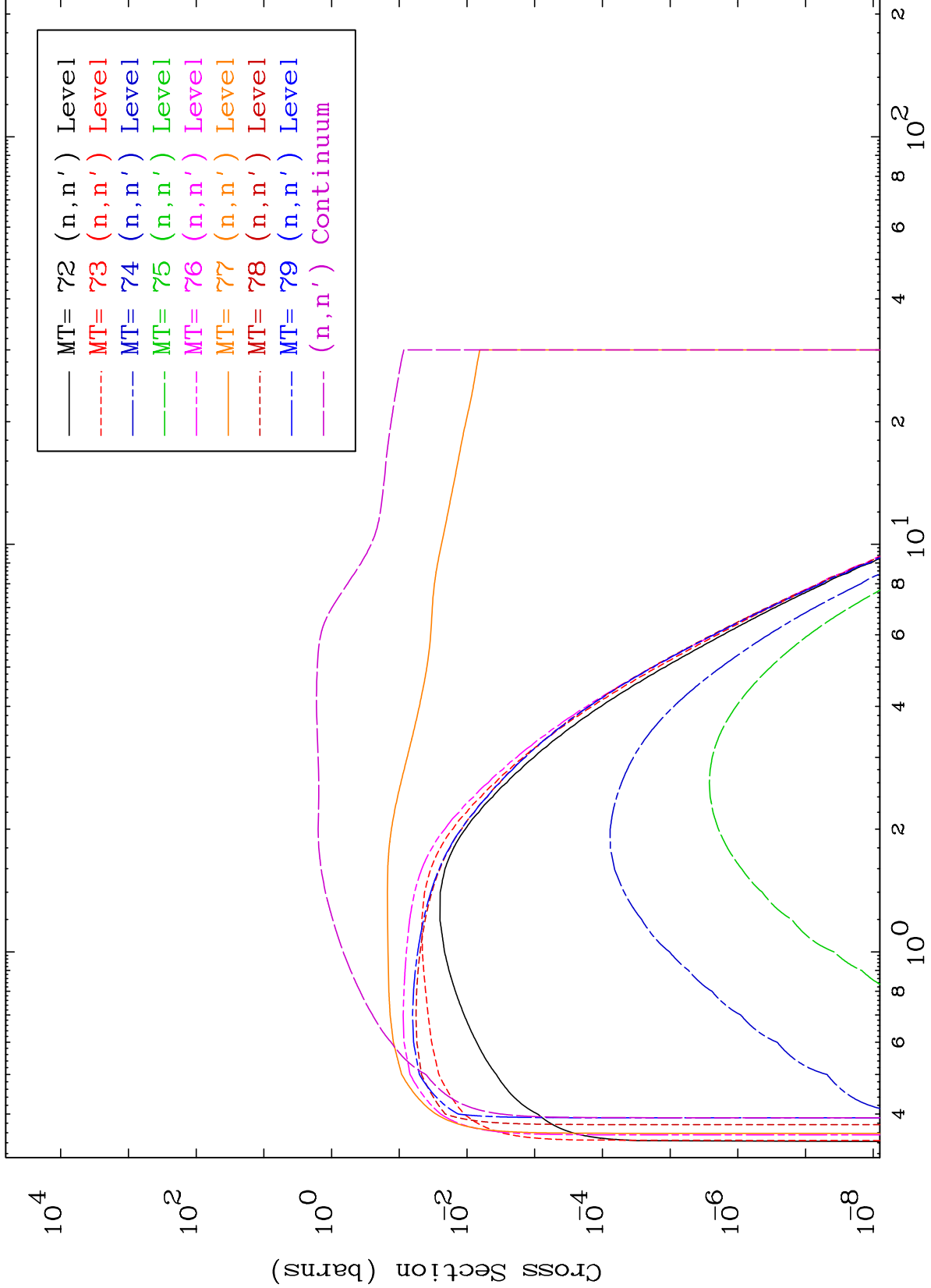


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(n,n') Level

99-Es-243

293 Kelvin Cross Sections



10

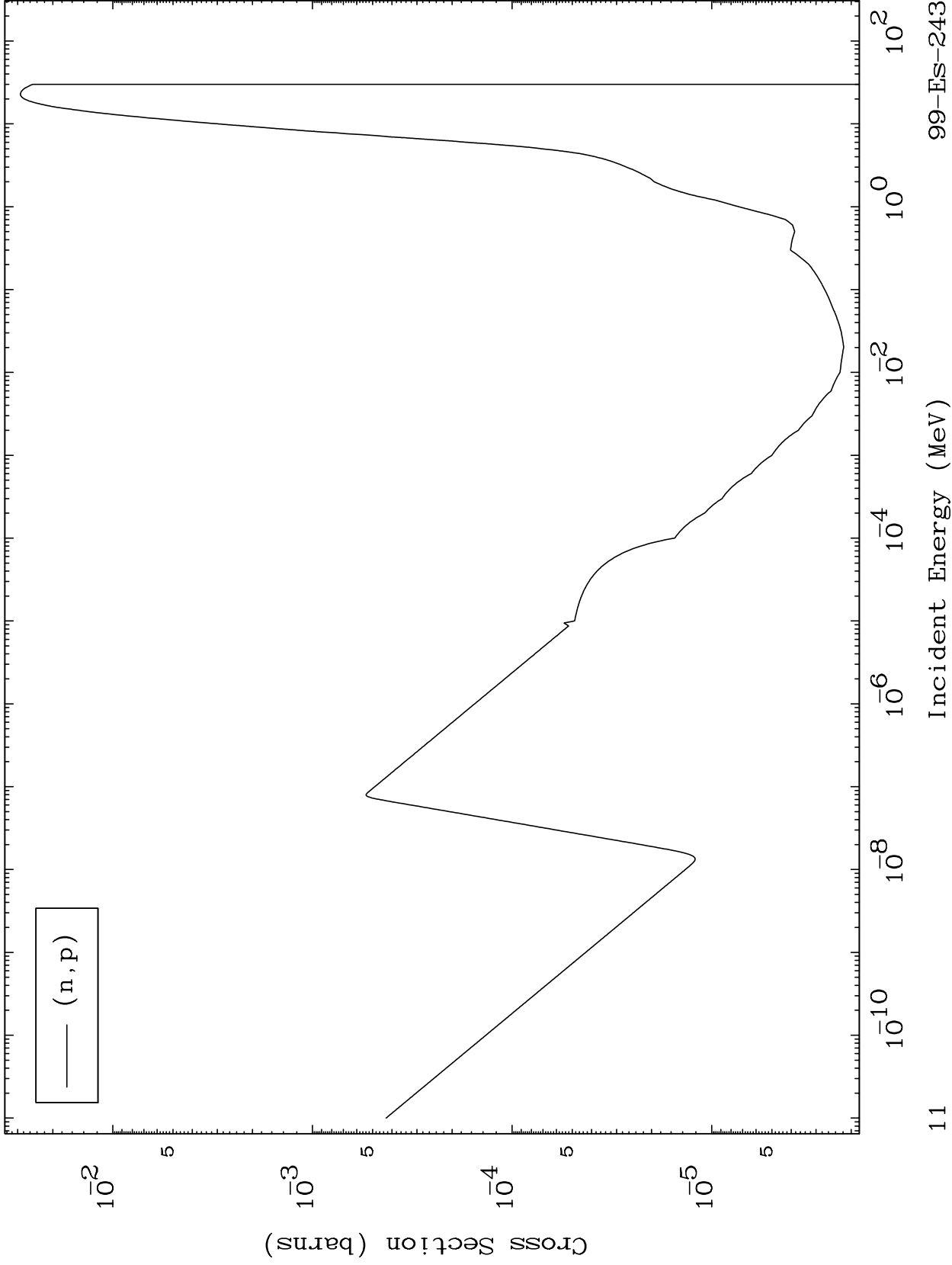
Incident Energy (MeV)

99-Es-243

MAT 9903

(n,p) Levels
293 Kelvin Cross Sections

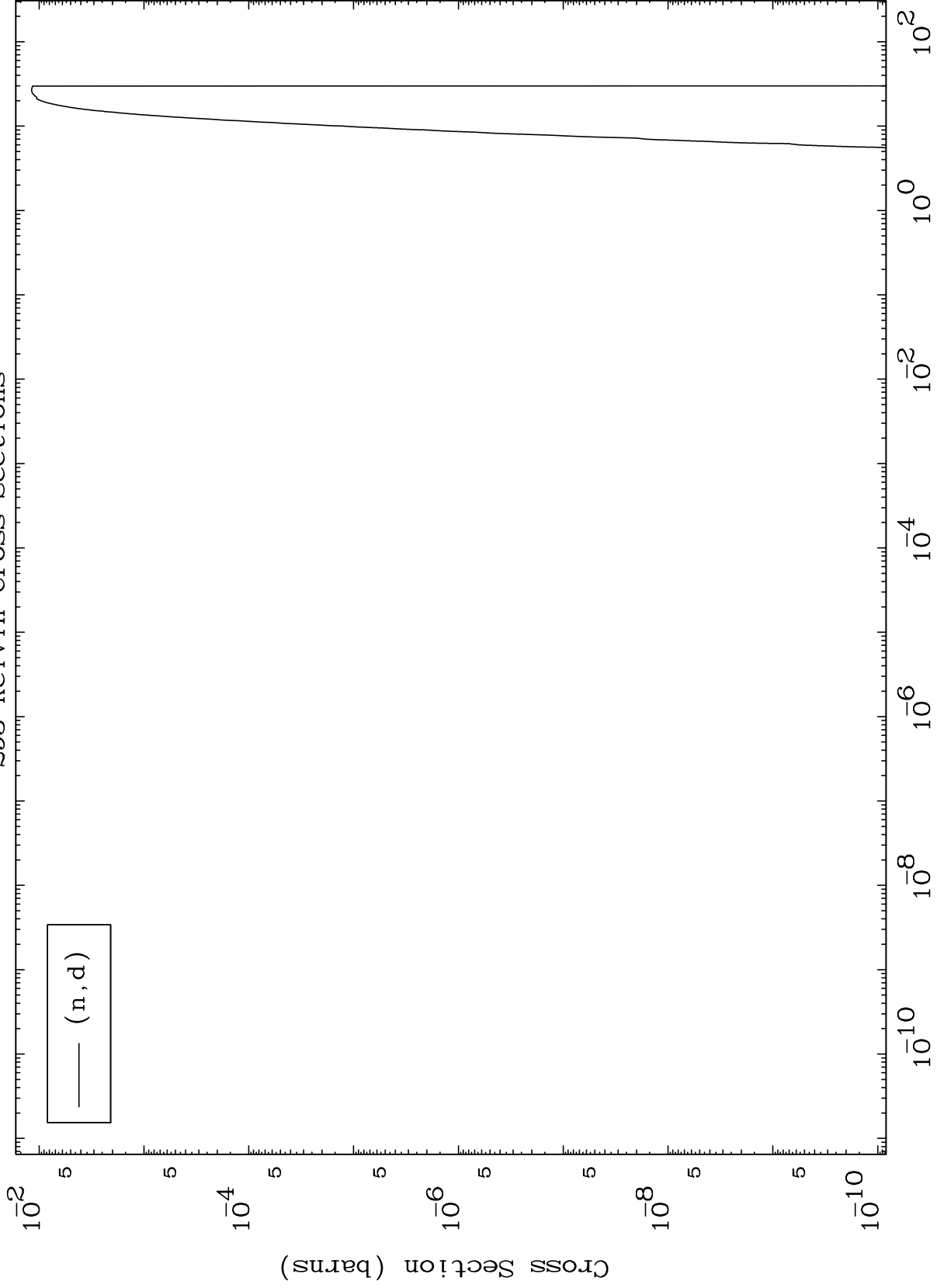
99-Es-243



MAT 9903

(n,d) Levels
293 Kelvin Cross Sections

99-Es-243



12

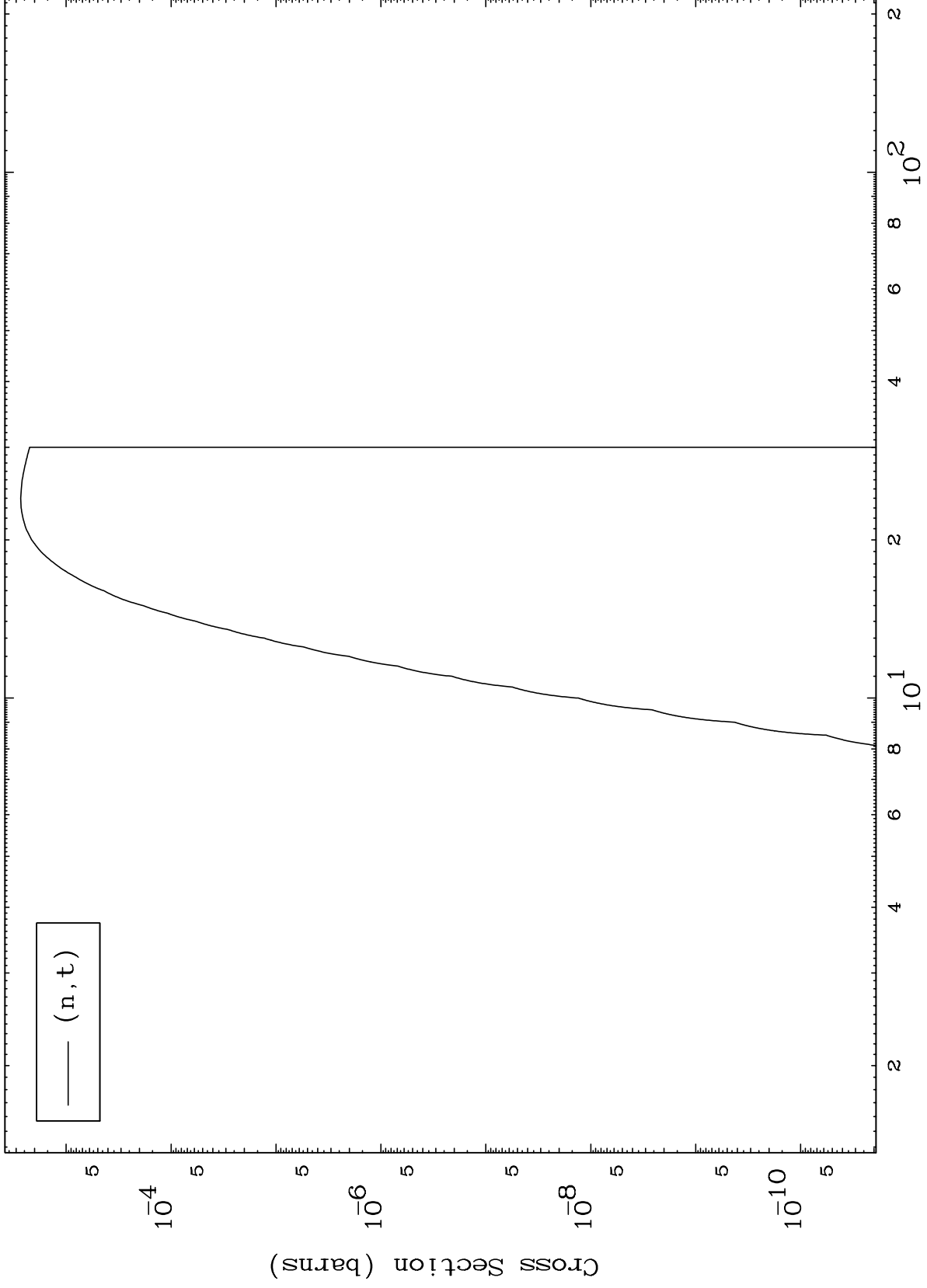
Incident Energy (MeV)

99-Es-243

MAT 9903

(n,t) Levels
293 Kelvin Cross Sections

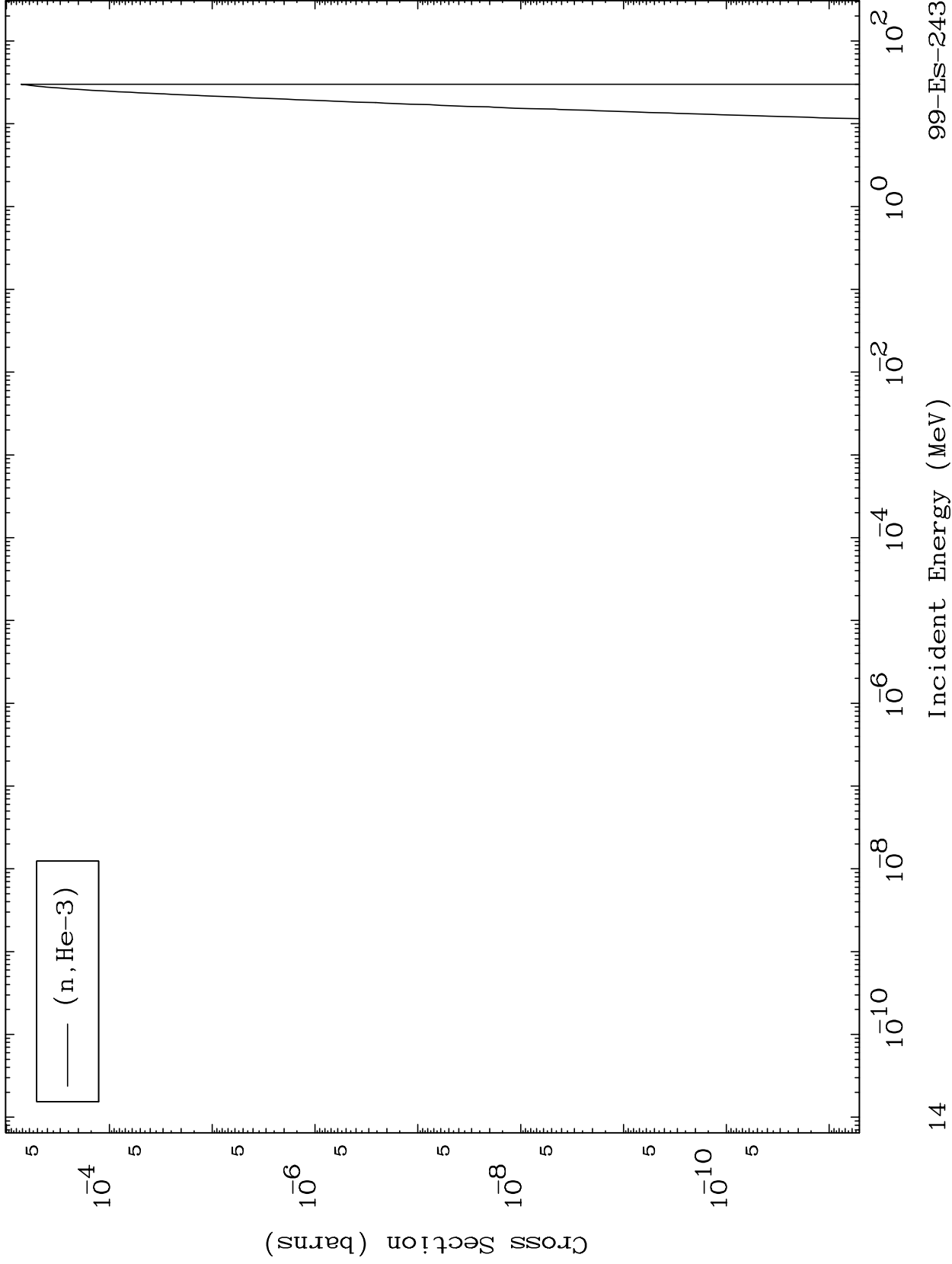
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(n,He3) Levels
293 Kelvin Cross Sections

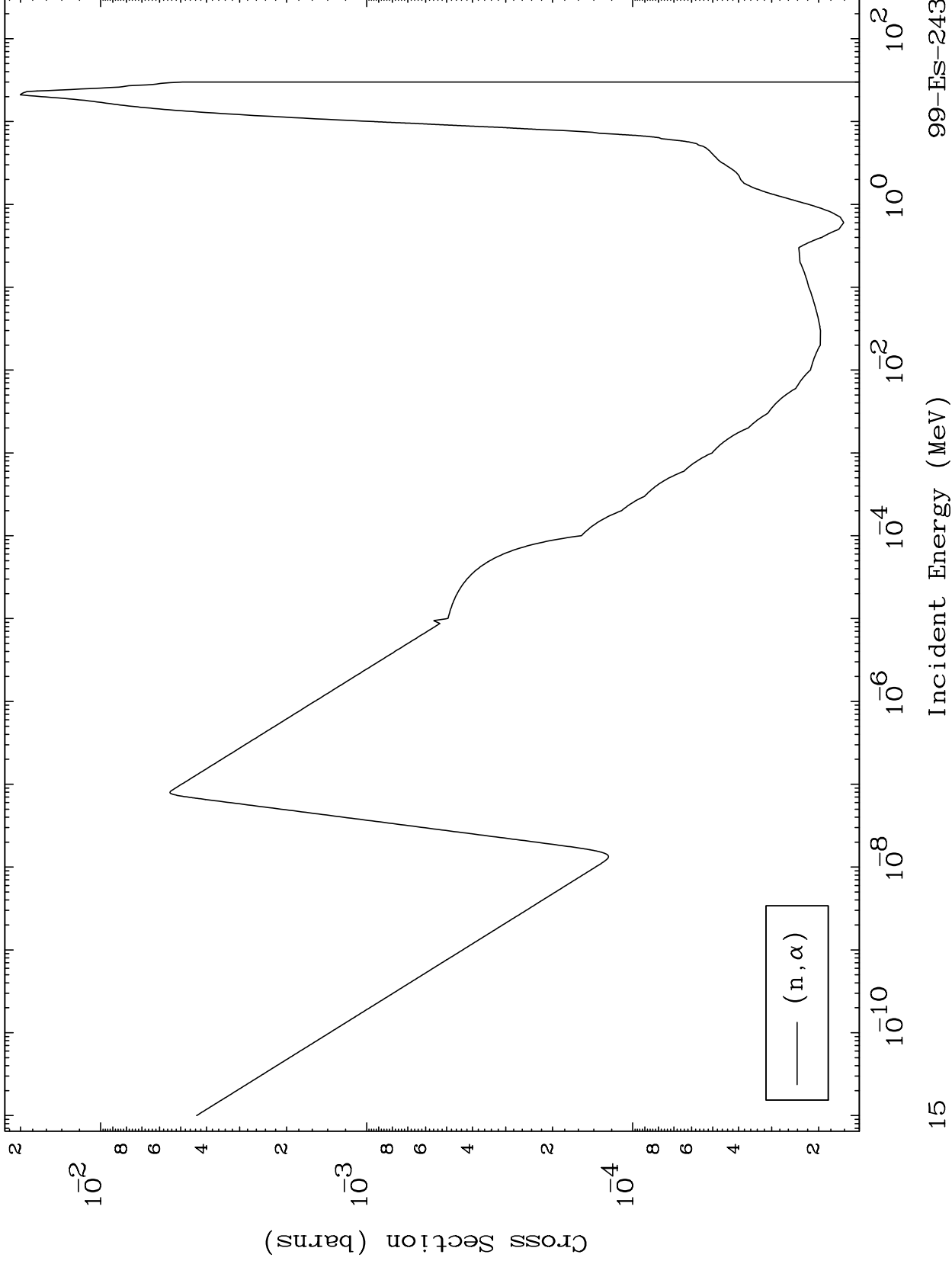
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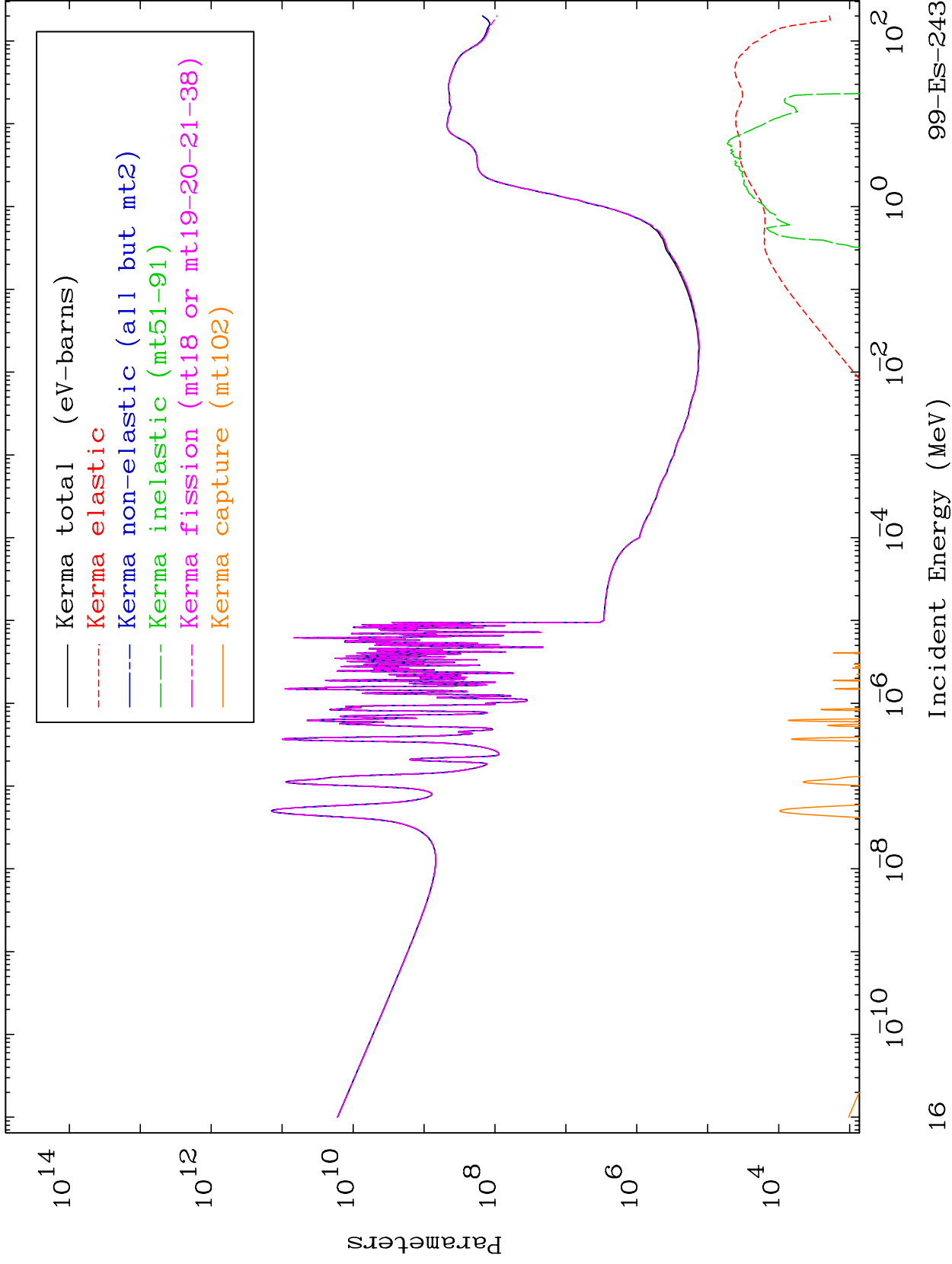


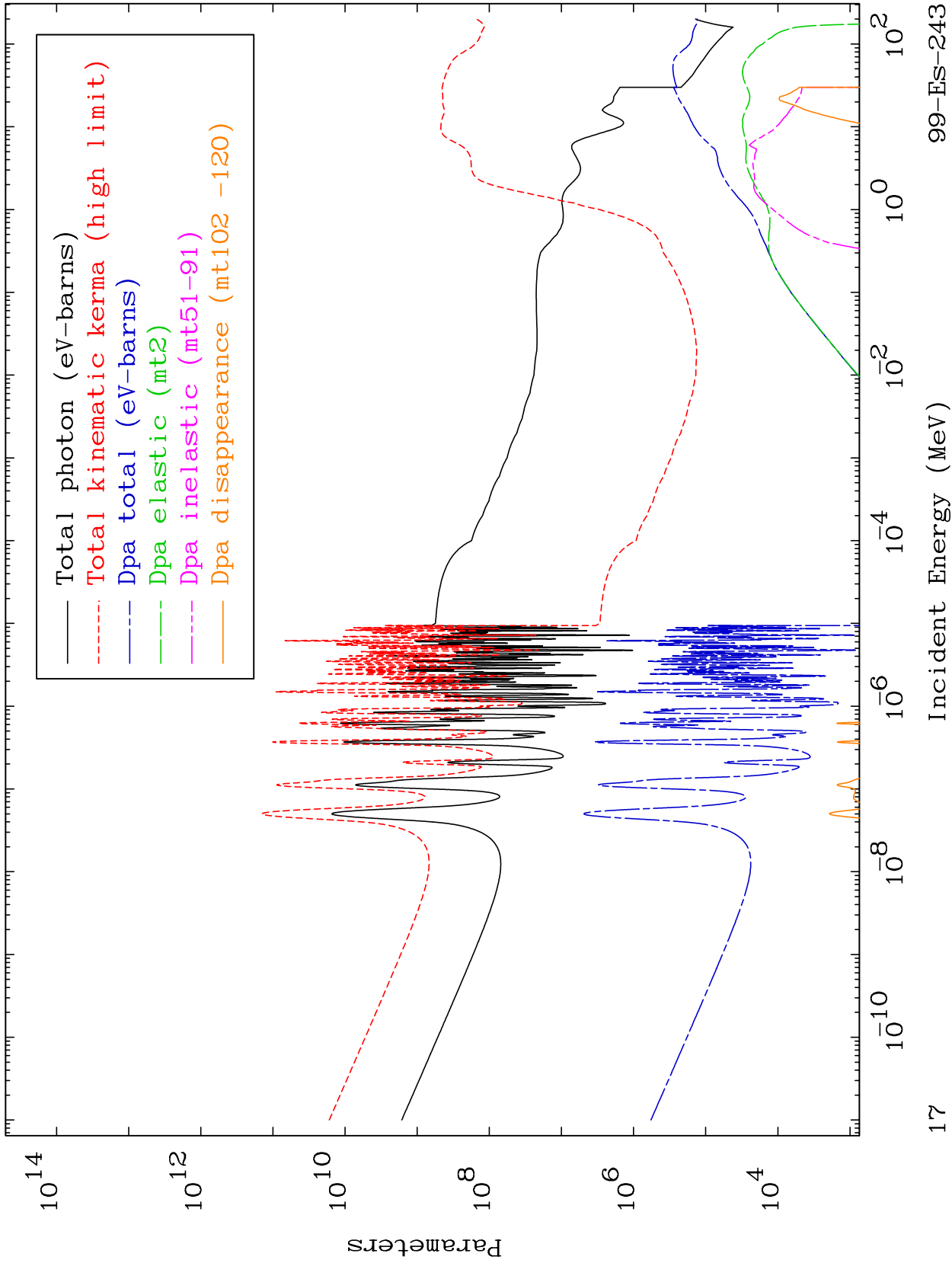
MAT 9903

(n, α) Levels
293 Kelvin Cross Sections

99-Es-243



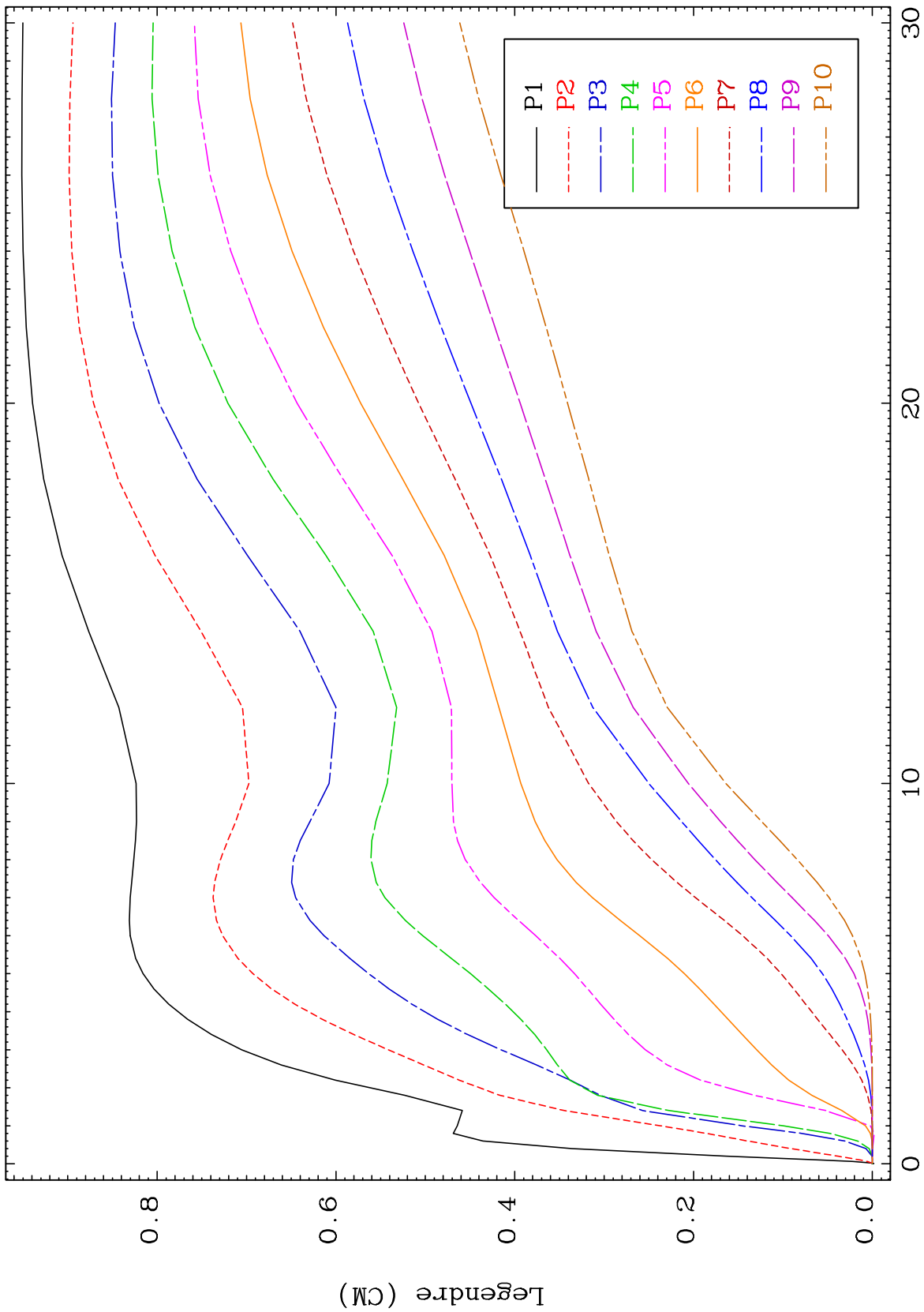




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99-Es-243

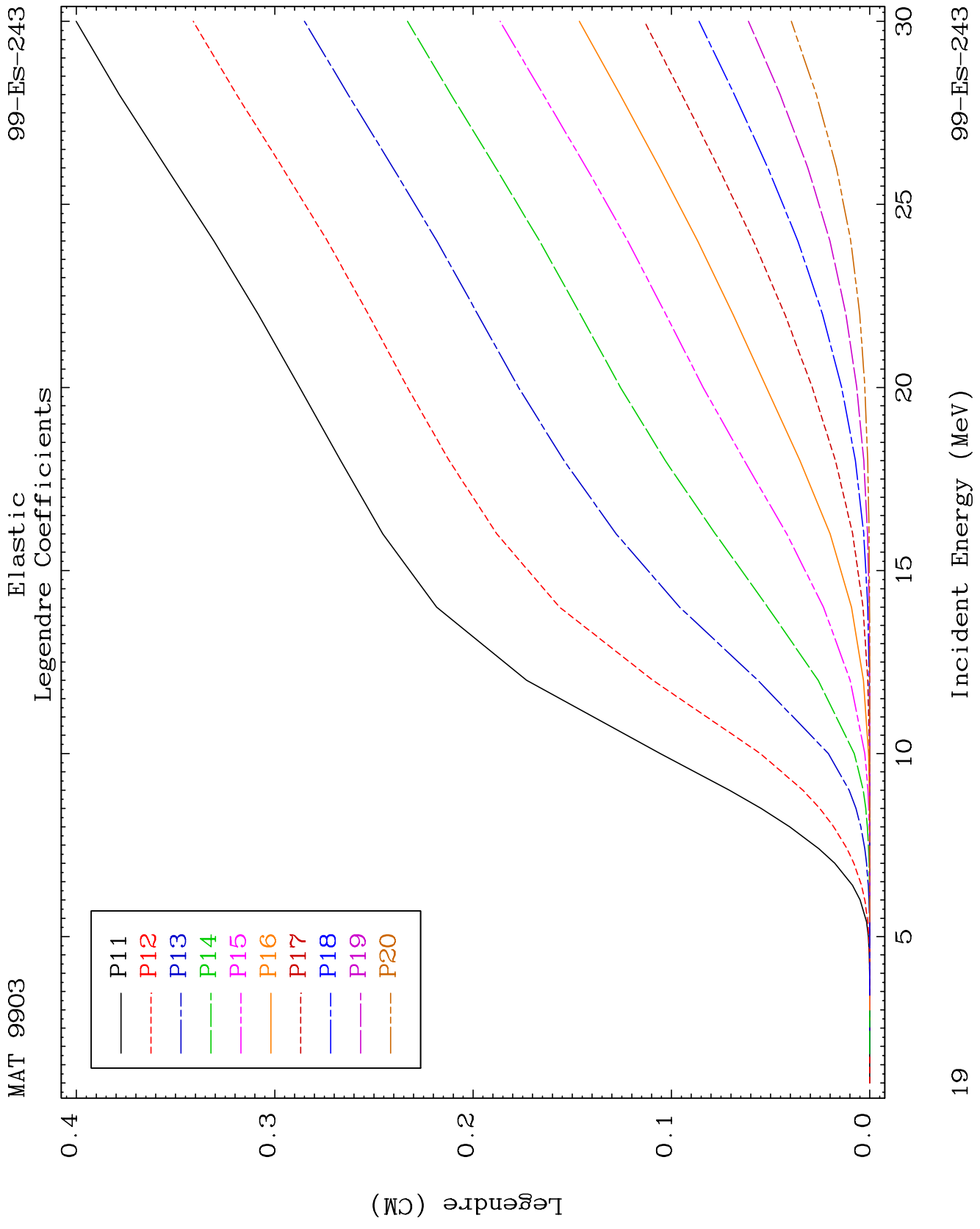
Elastic Legendre Coefficients



99-Es-243

Incident Energy (MeV)

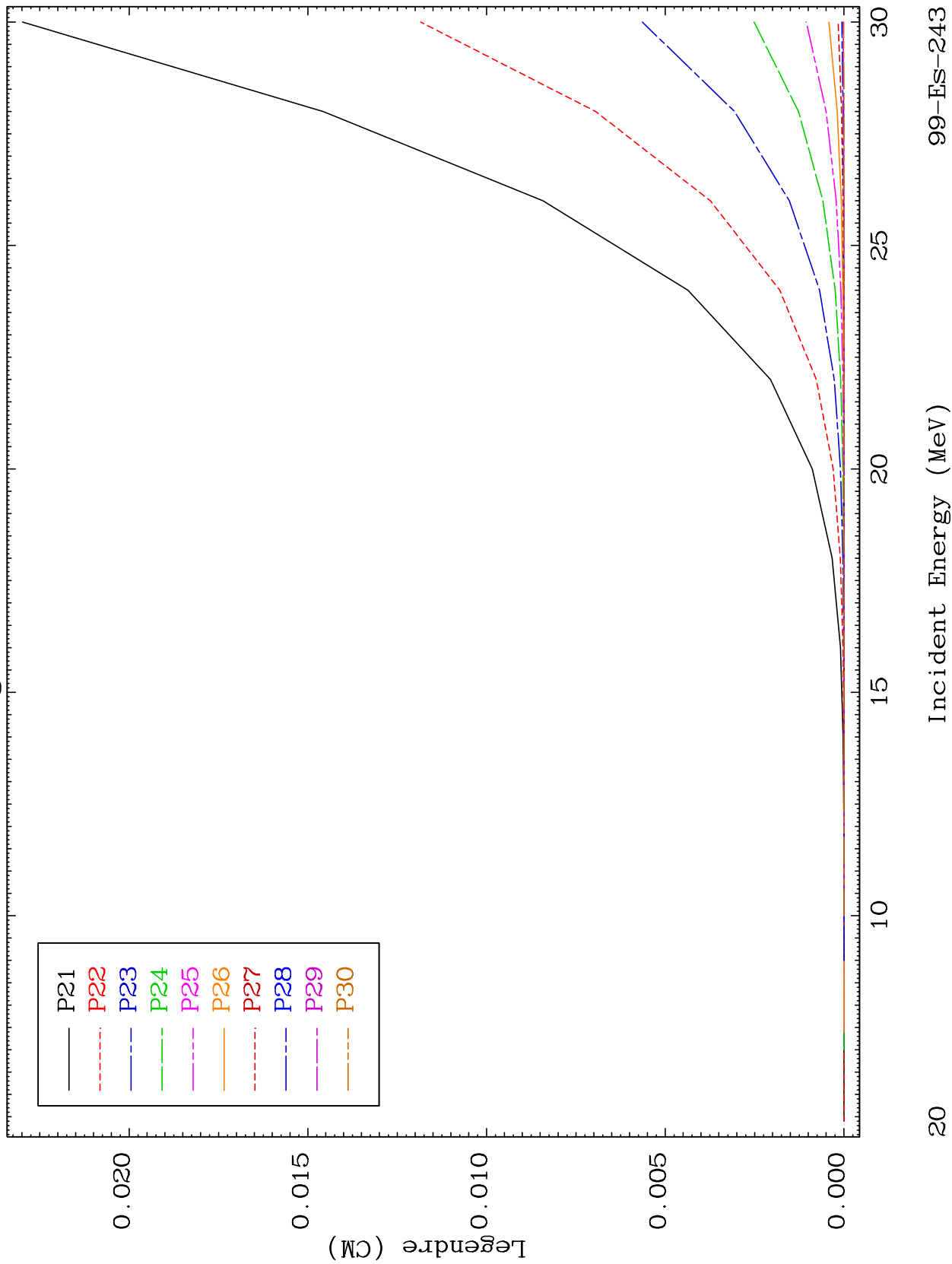
18



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Elastic Legendre Coefficients

99-Es-243



99-Es-243

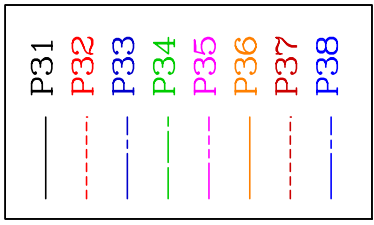
Incident Energy (MeV)

20

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Elastic
Legendre Coefficients

99-Es-243



$\times 10^{-6}$

2.0

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

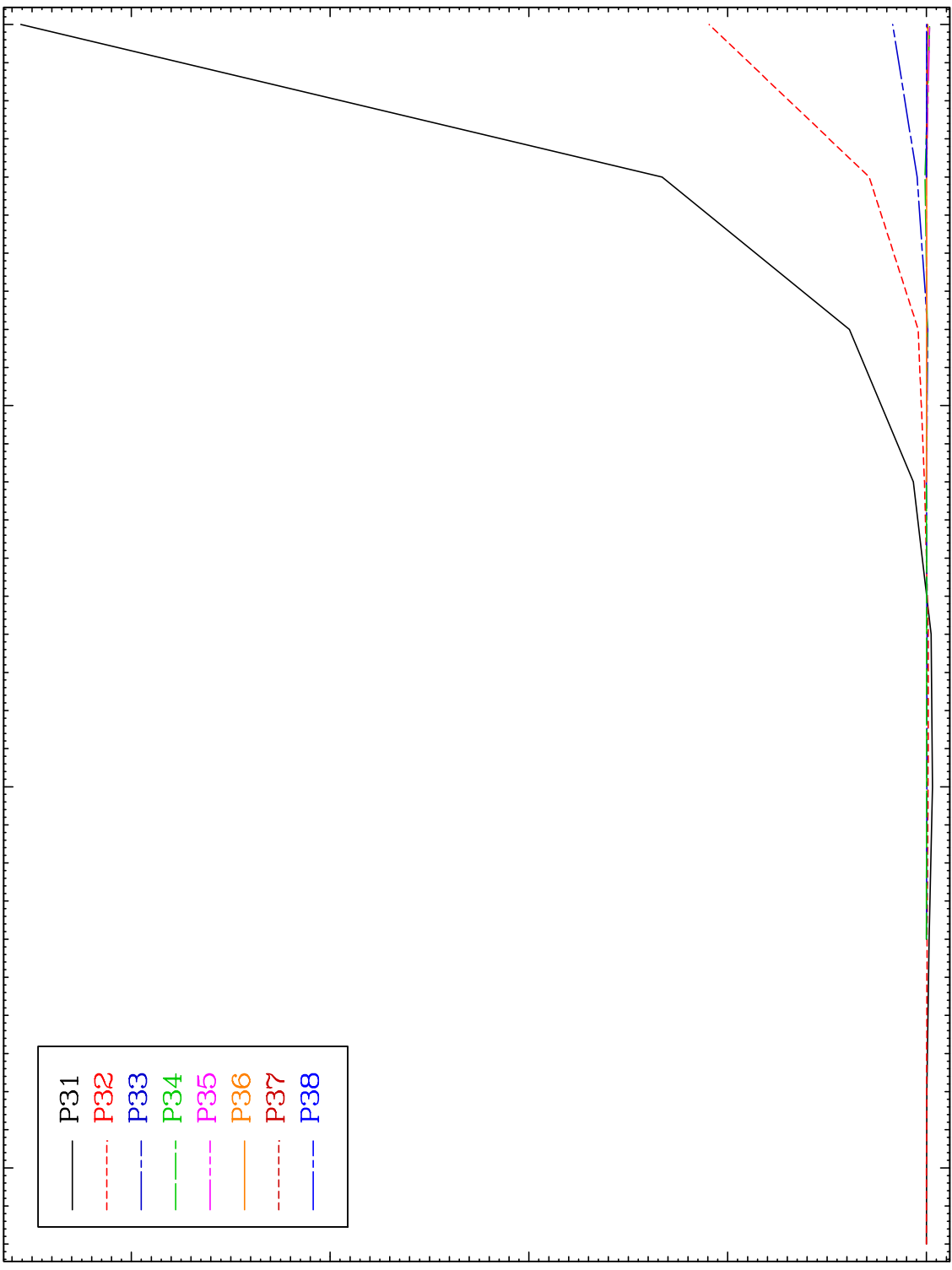
25

30

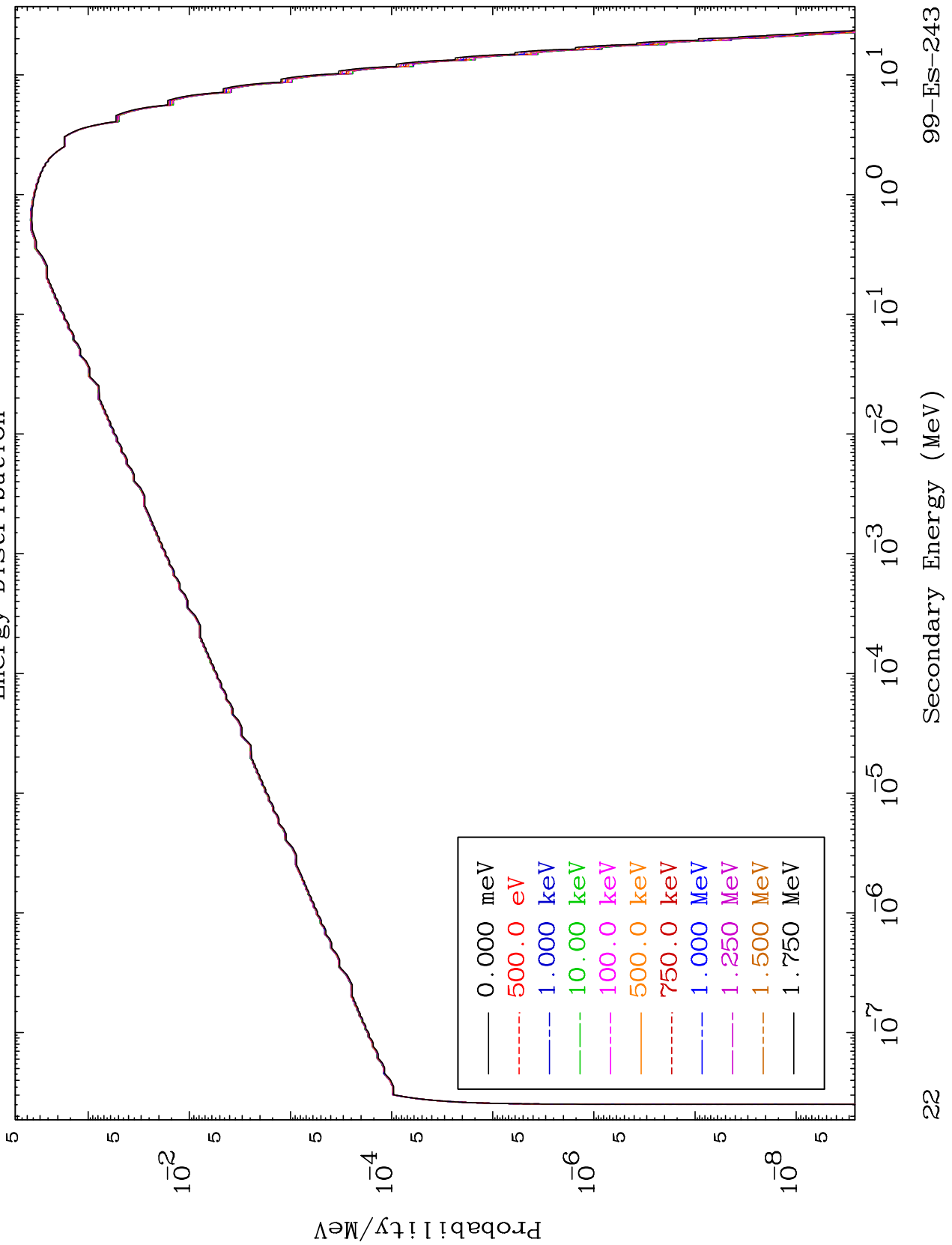
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Incident Energy (MeV)

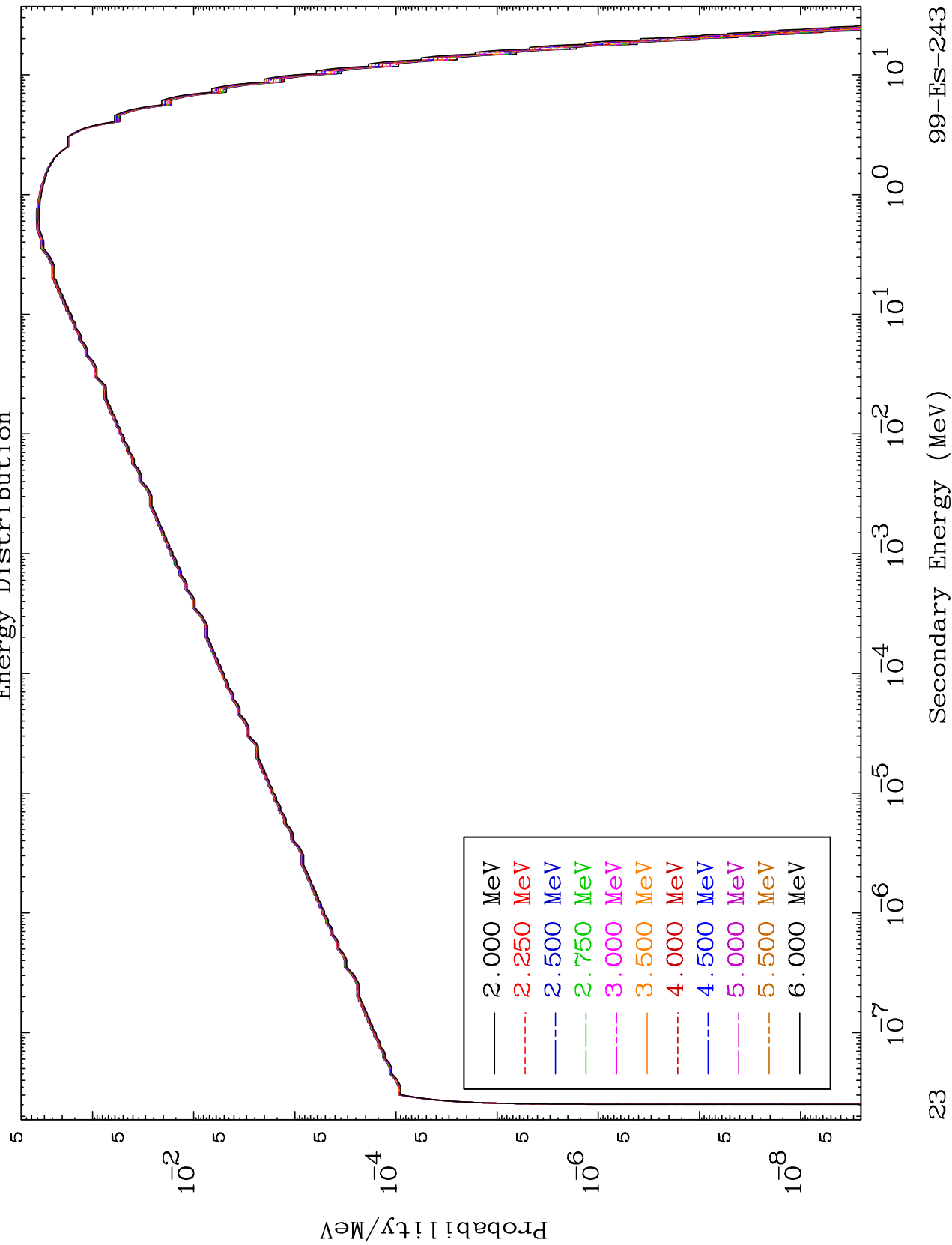
99-Es-243



Fission
Energy Distribution



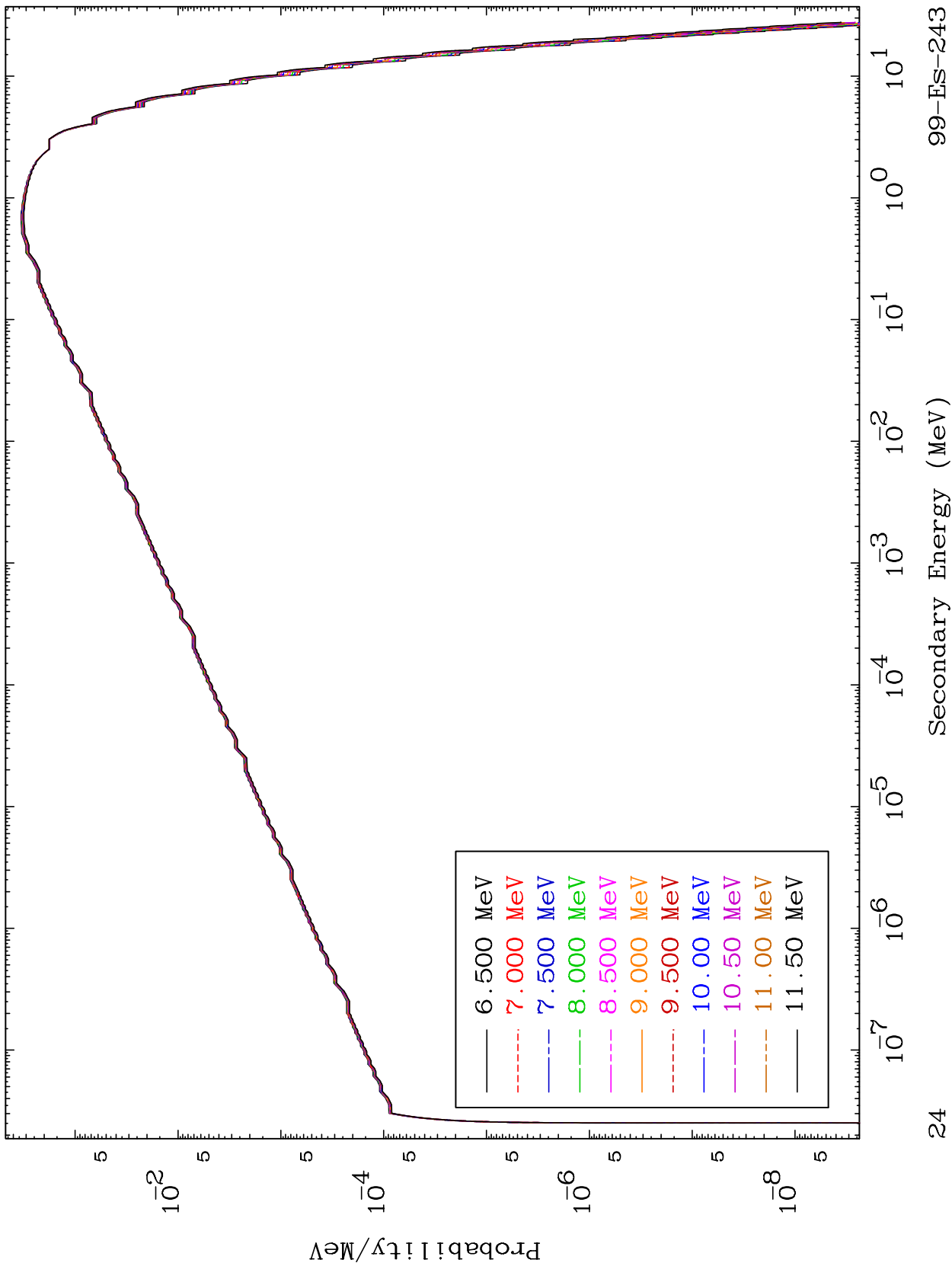
Fission
Energy Distribution



MAT 9903

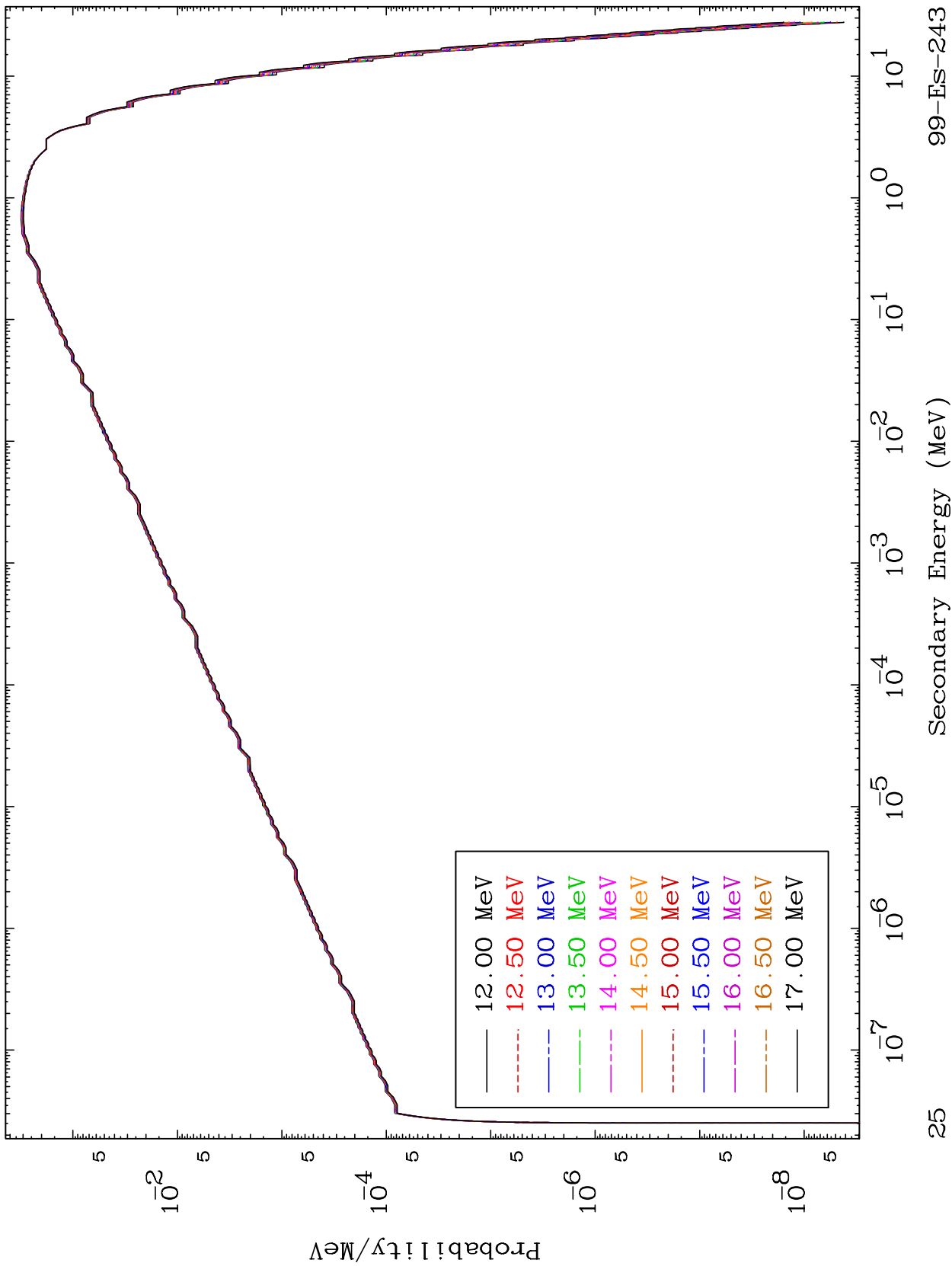
Fission Energy Distribution

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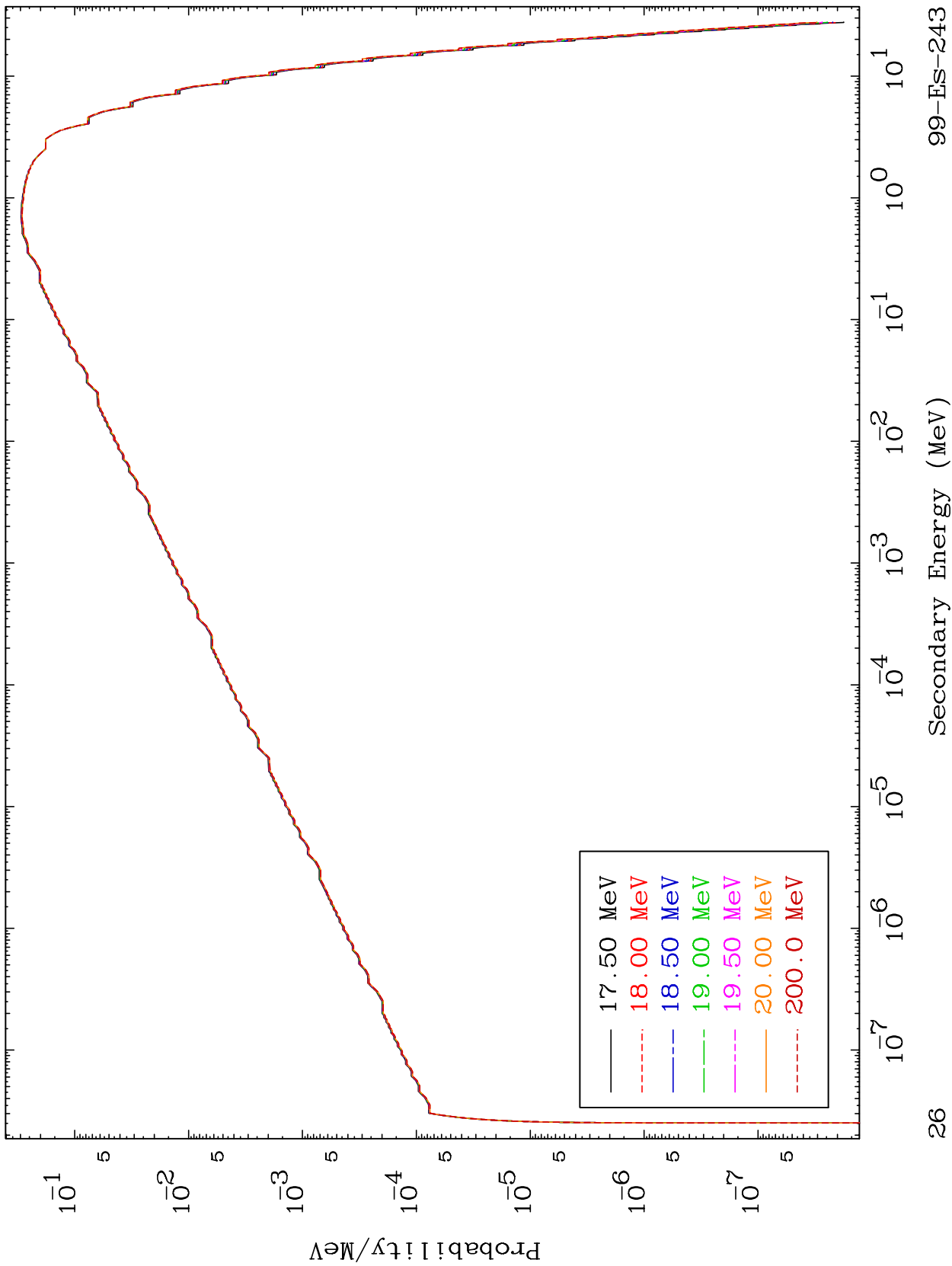


99-Es-243

Fission
Energy Distribution



Fission
Energy Distribution

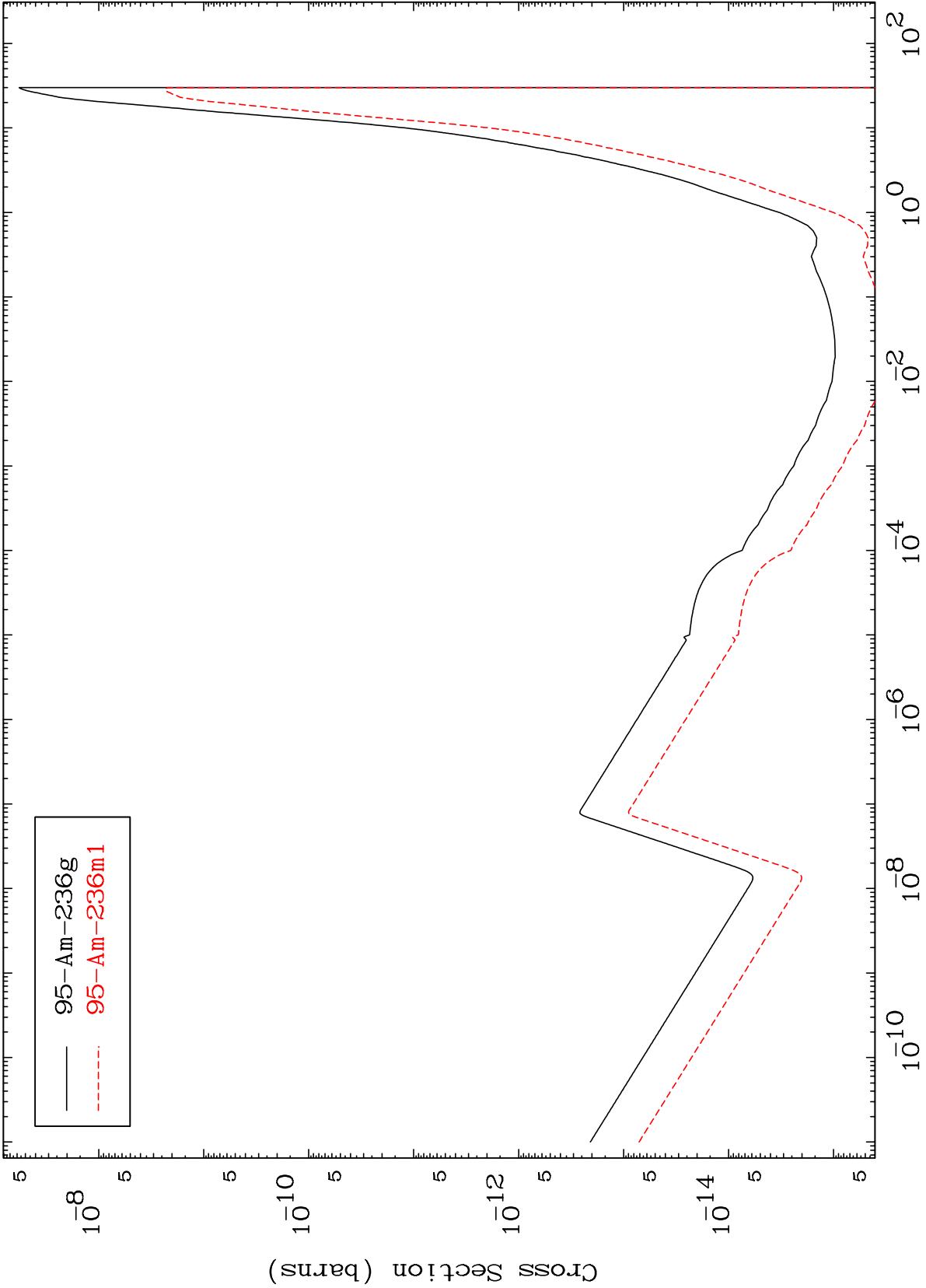


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(n,2α)

99-Es-243

Radionuclide Production Cross Section



— 95-Am-236g
- - - 95-Am-236m1