

Program EVALPLOT
(Version 2021-1)

by

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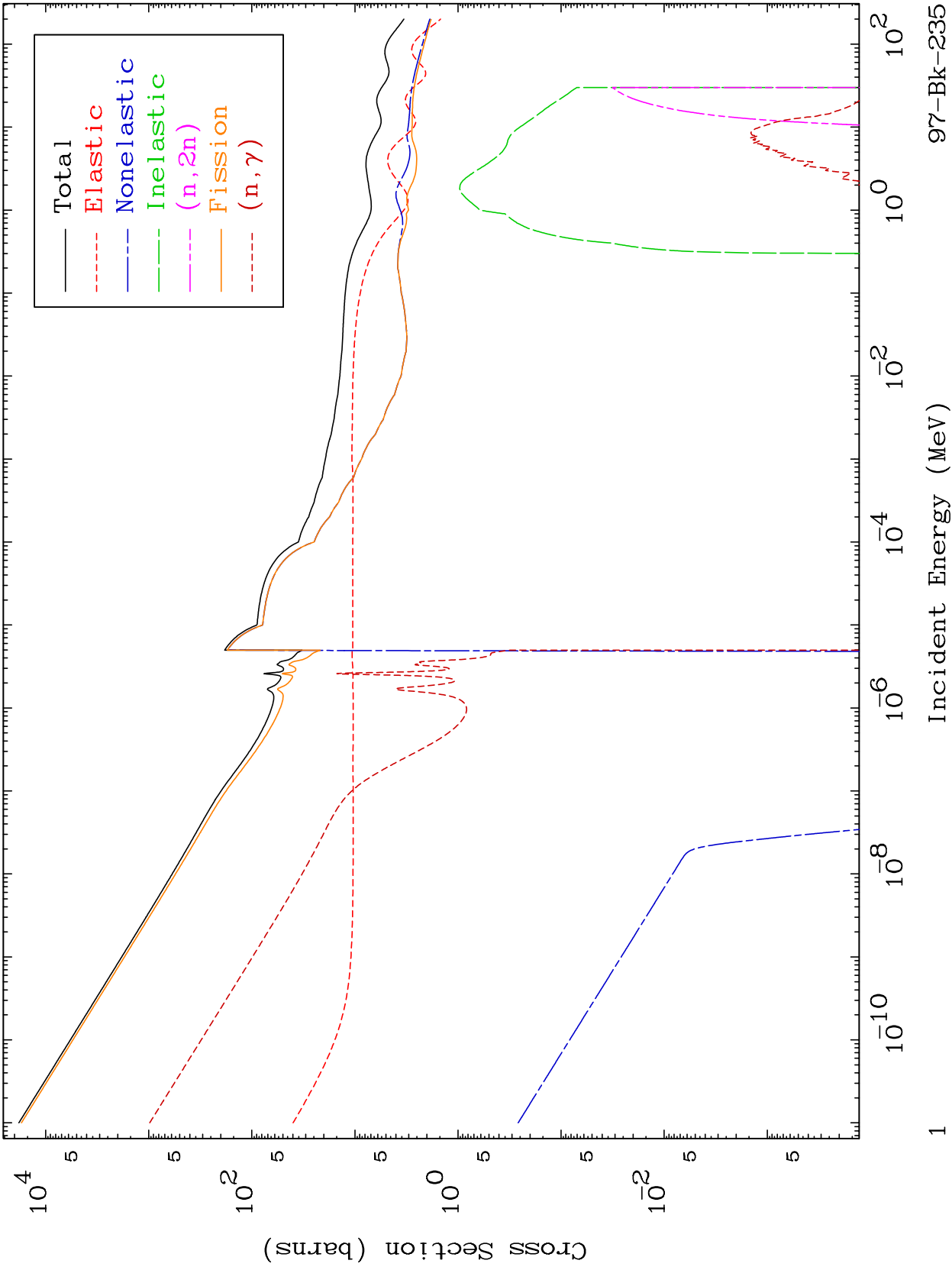
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9710

Neutron Major
293 Kelvin Cross Sections

97-Bk-235



97-Bk-235

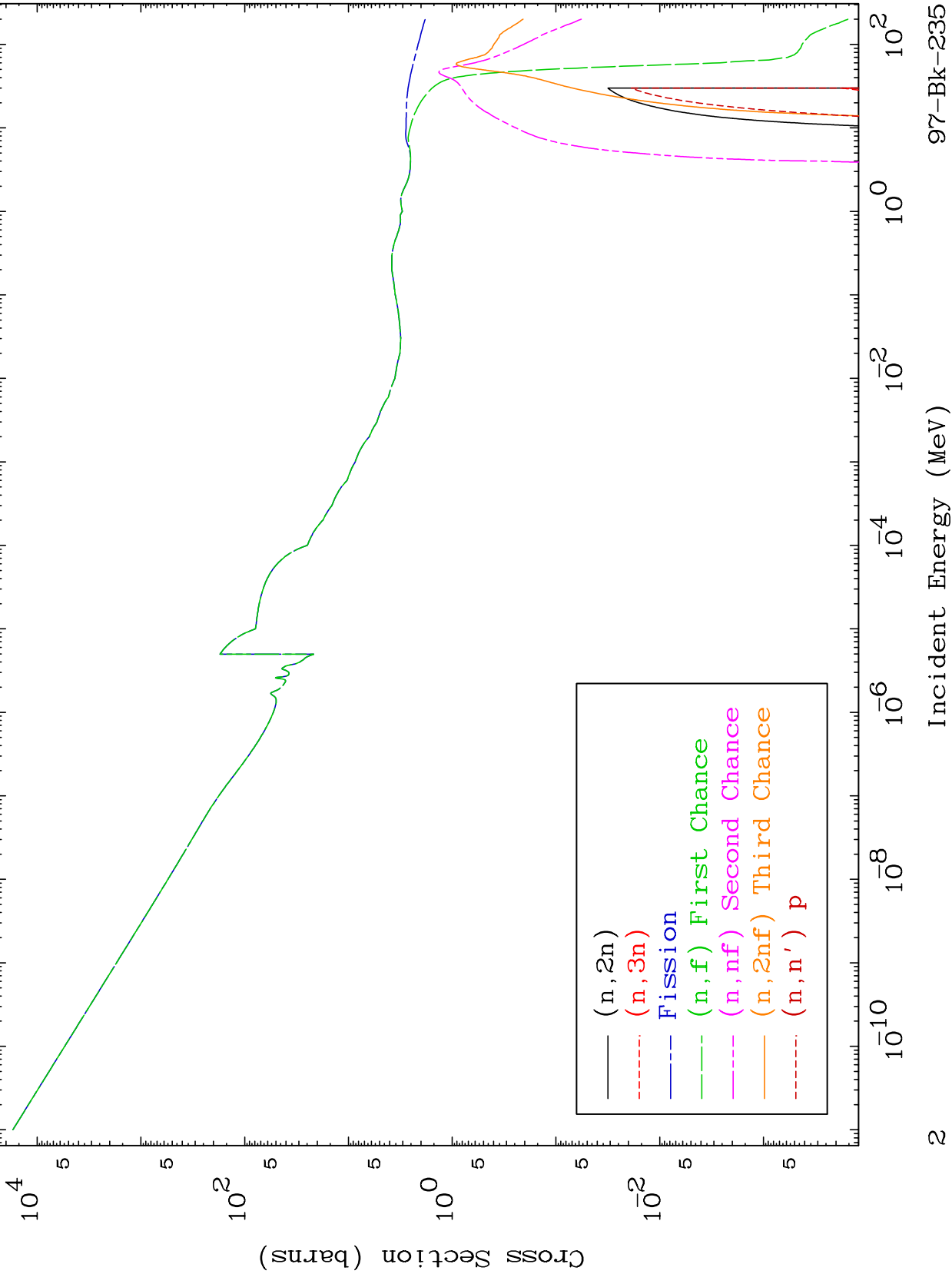
Incident Energy (MeV)

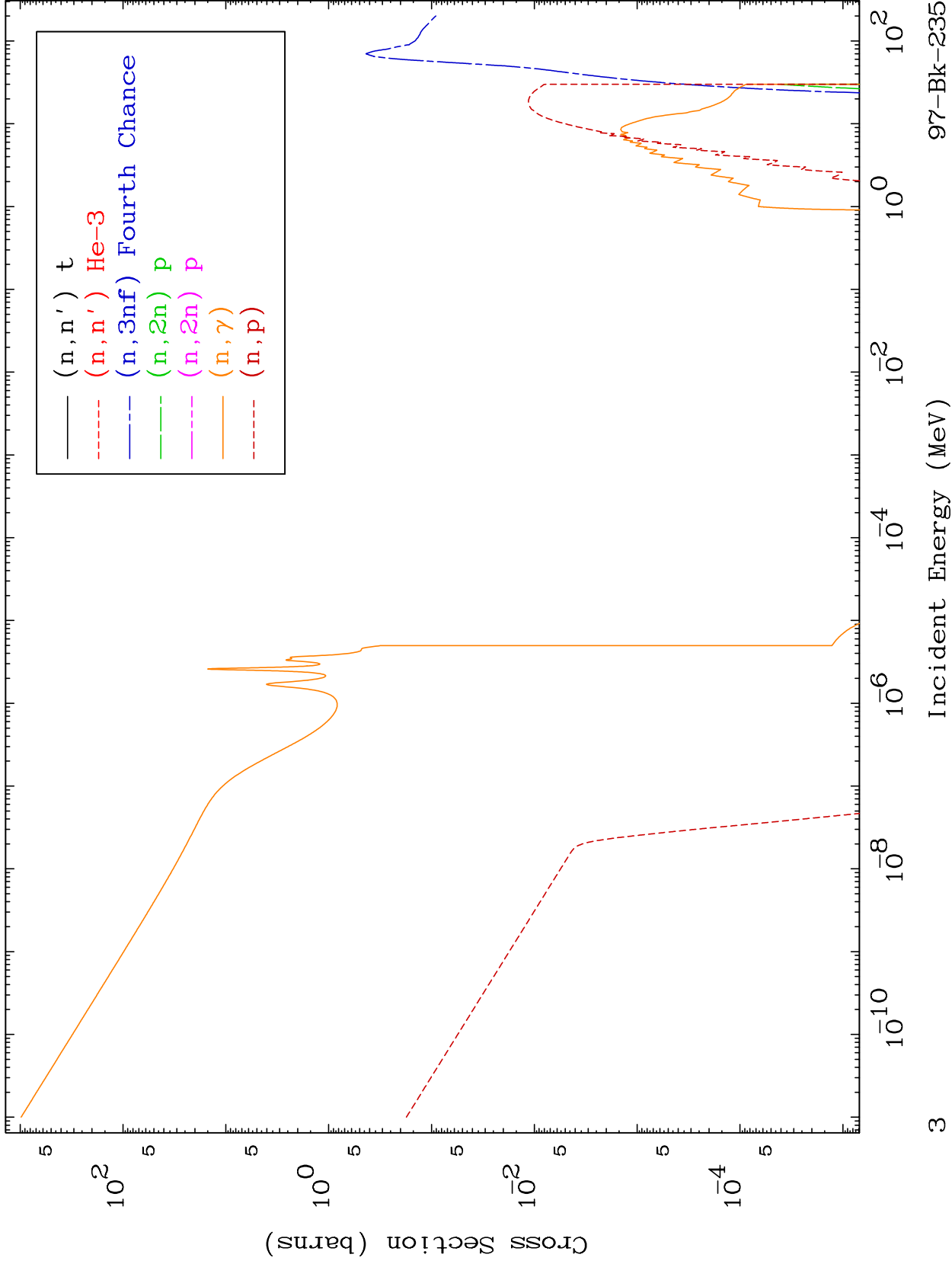
1

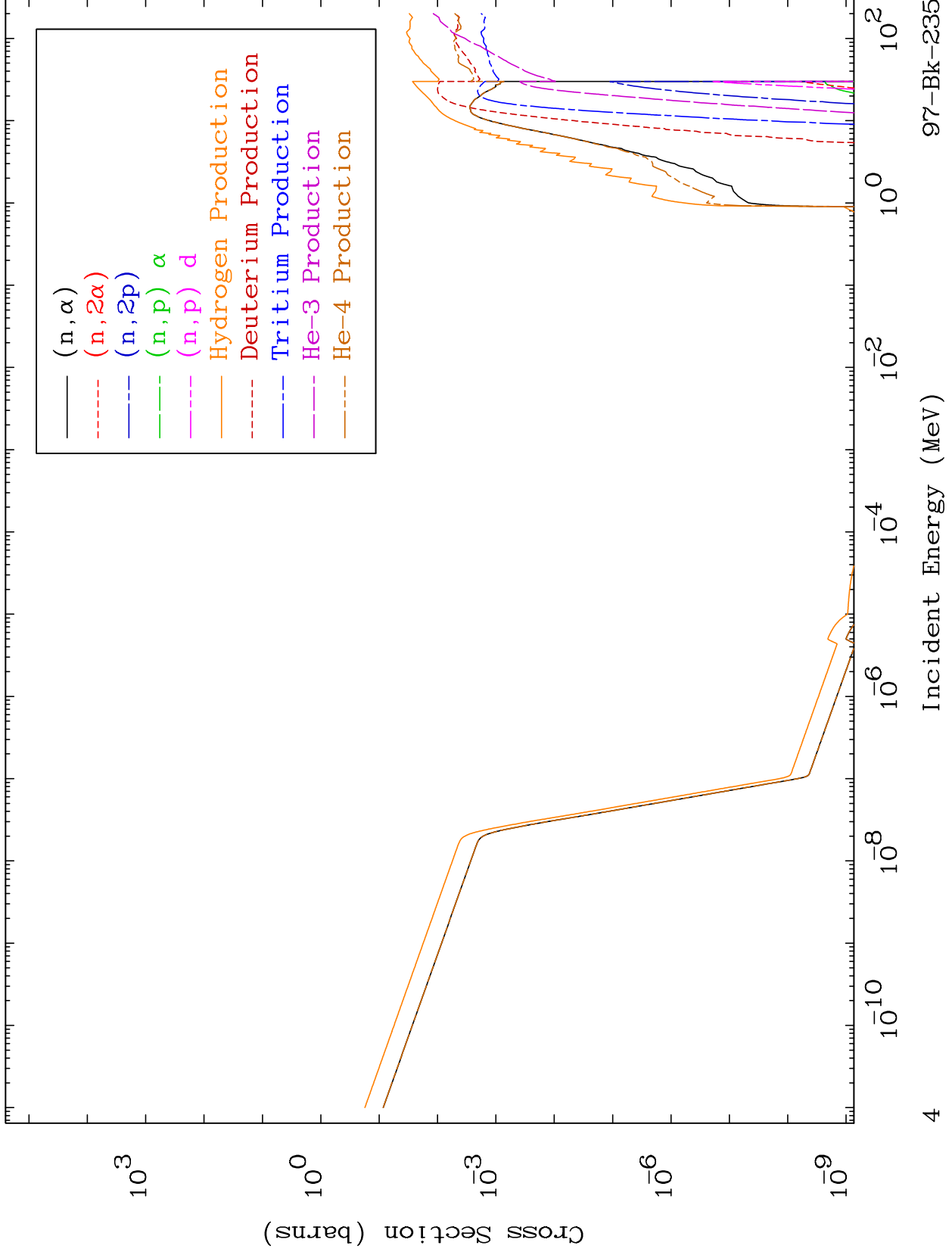
MAT 9710

Neutron Absorption
293 Kelvin Cross Sections

97-Bk-235



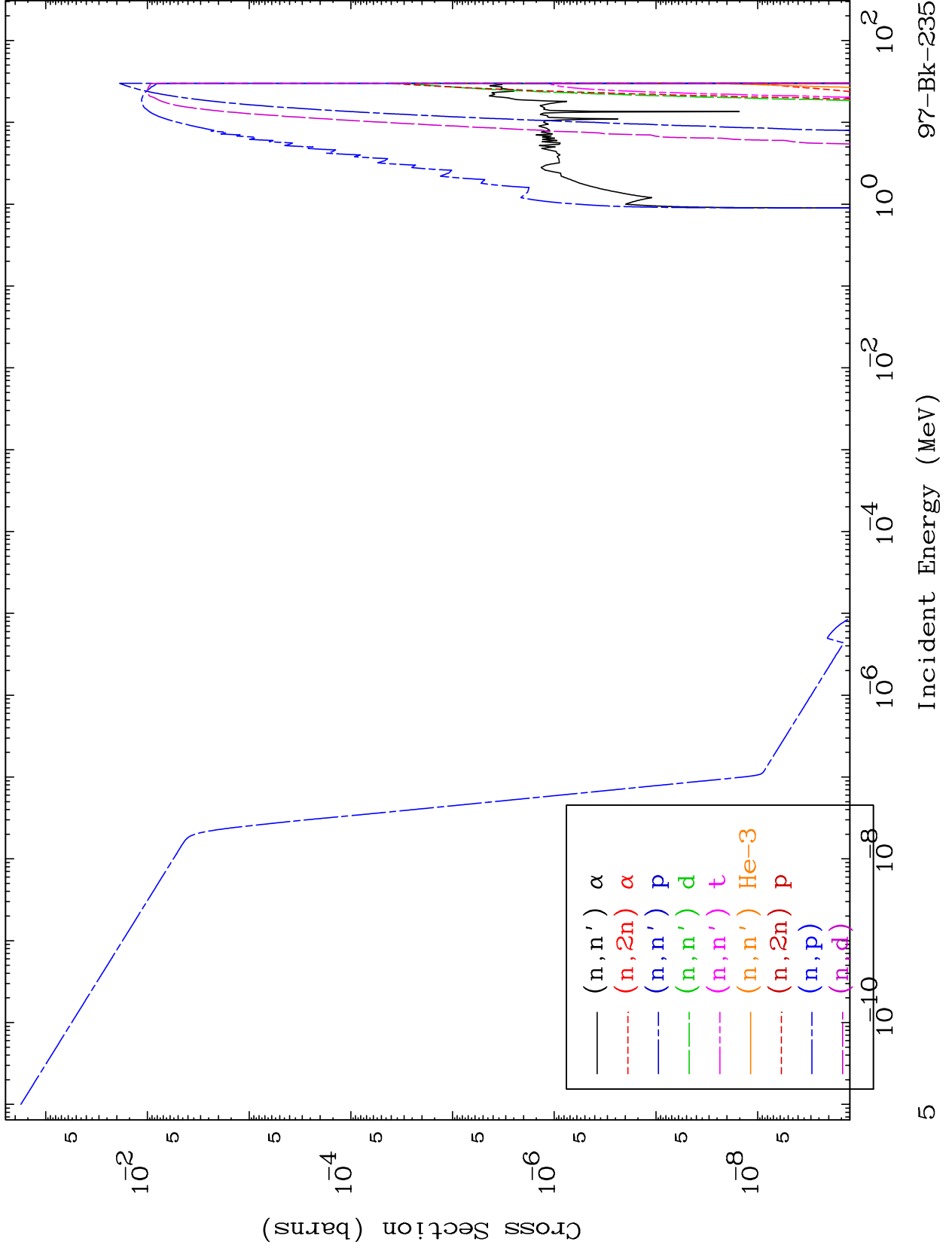




MAT 9710

Charged Particle
293 Kelvin Cross Sections

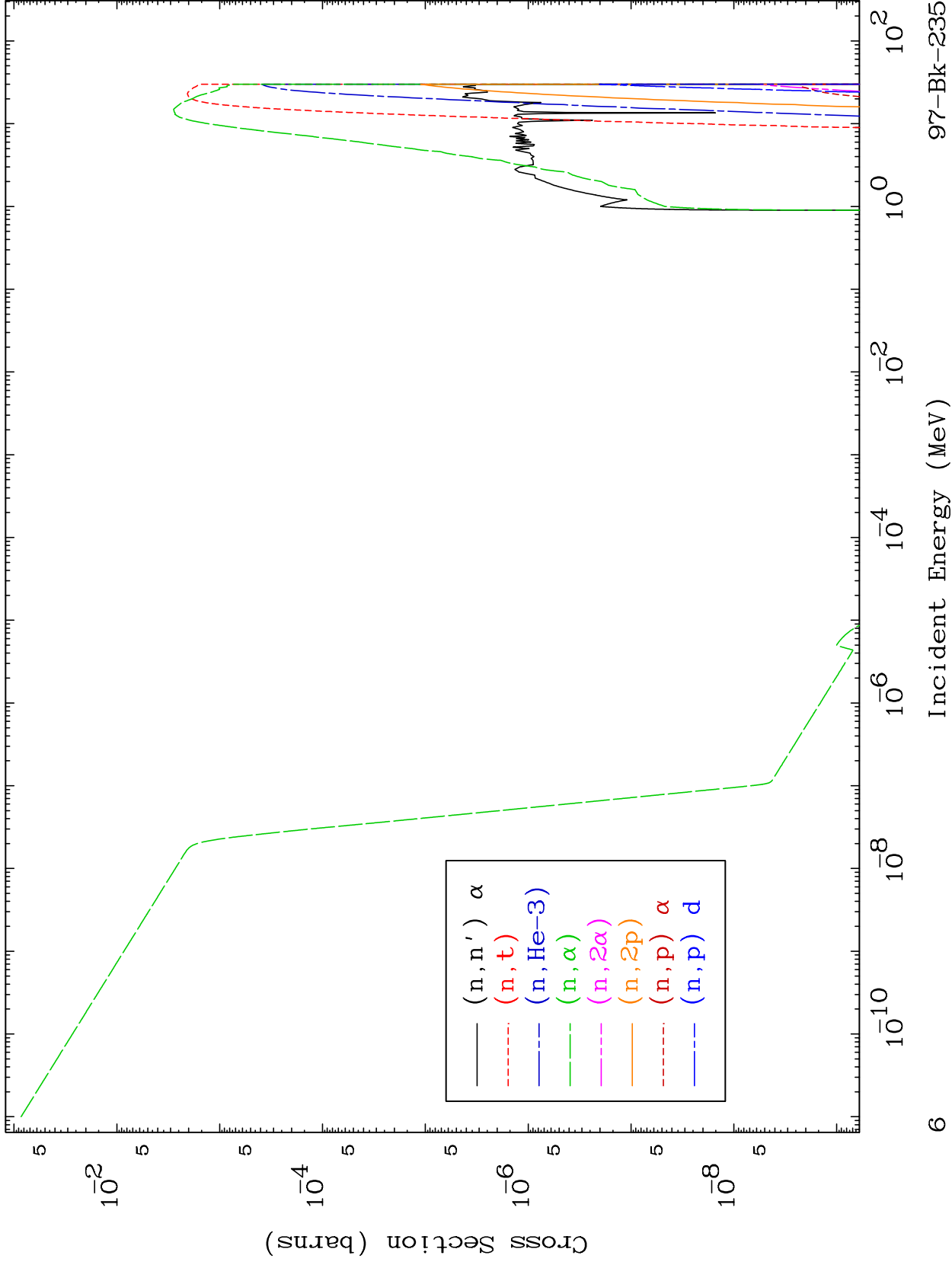
97-Bk-235



MAT 9710

Charged Particle
293 Kelvin Cross Sections

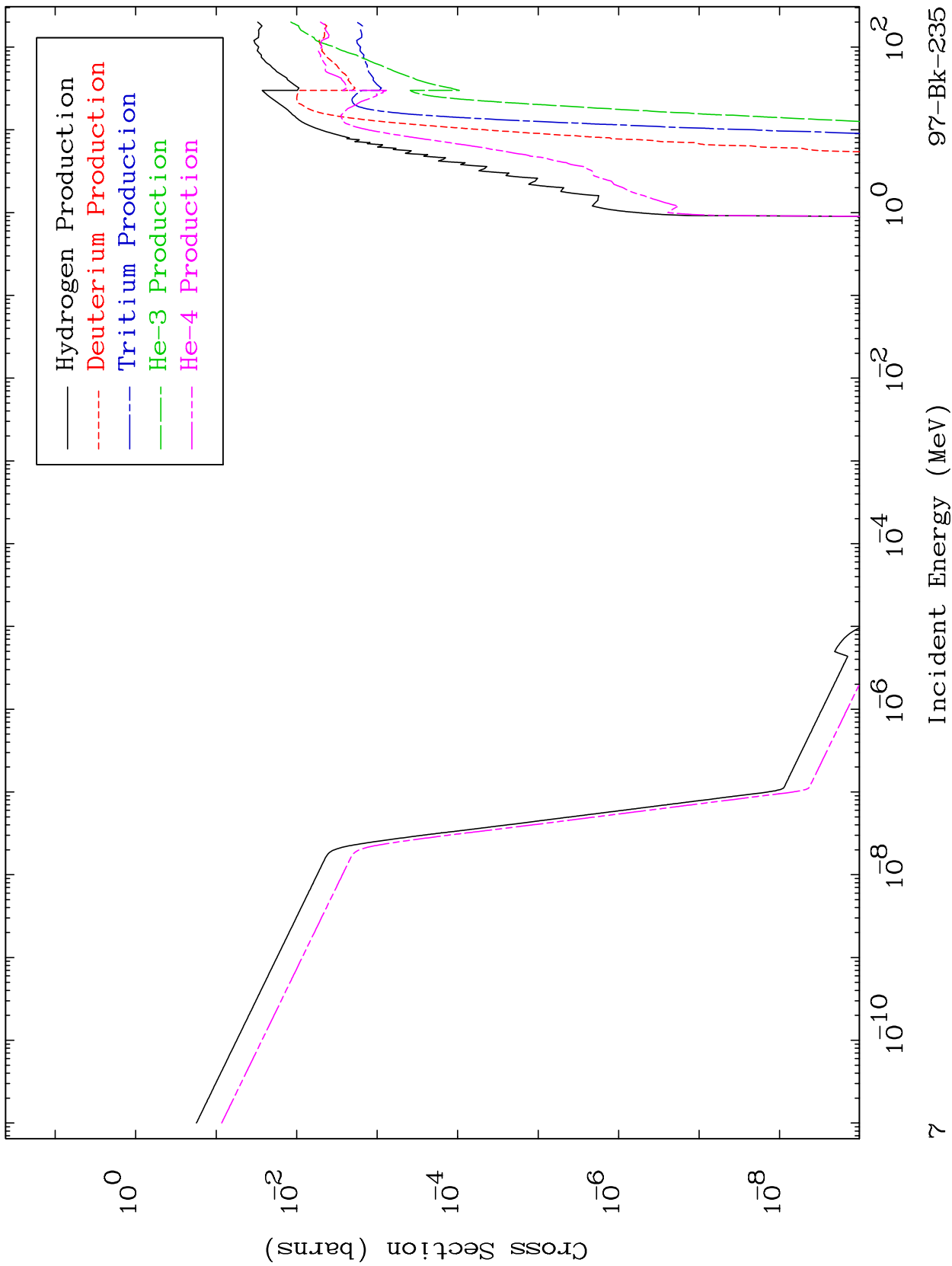
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MAT 9710

Particle Production
293 Kelvin Cross Sections

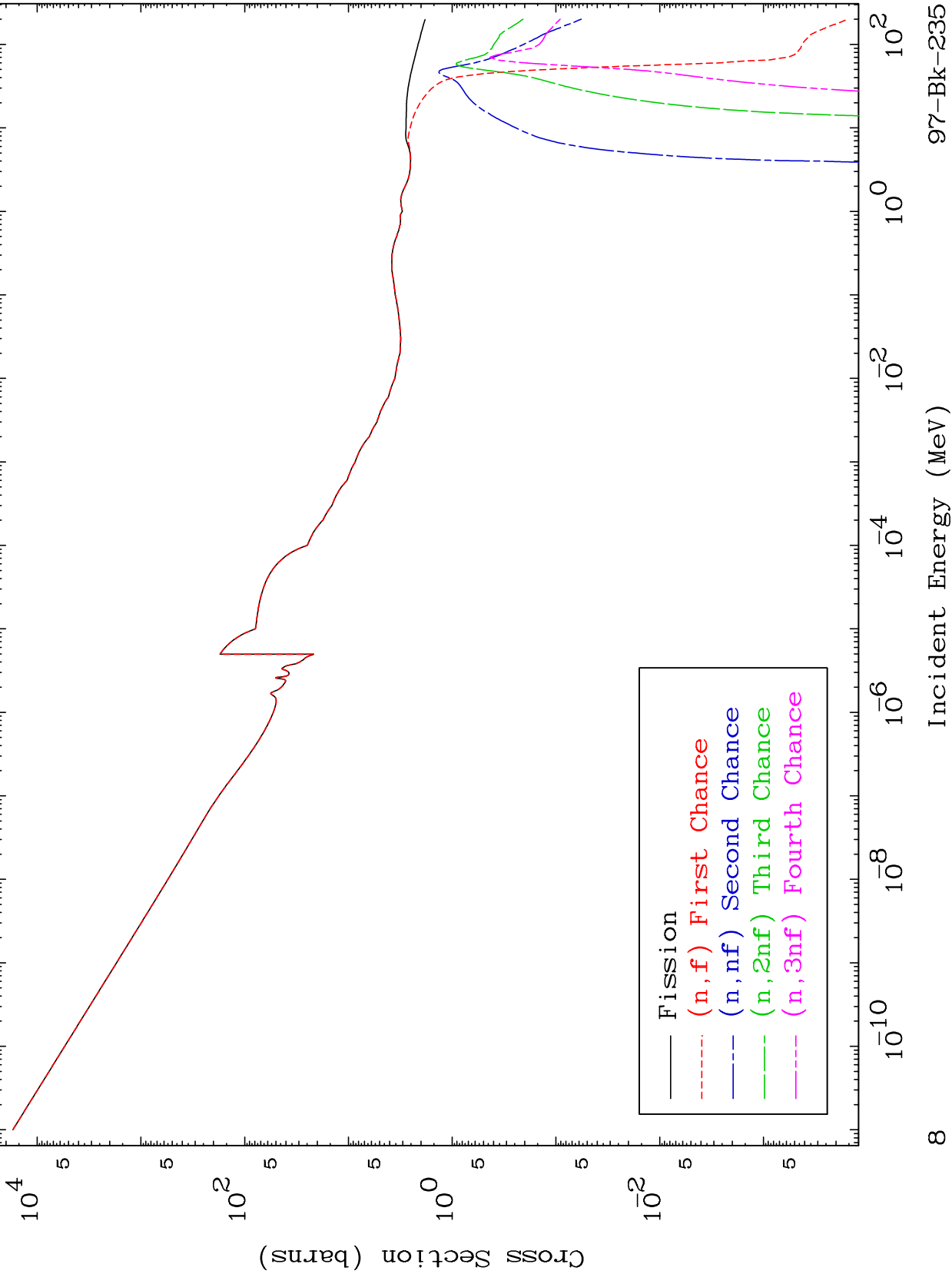
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MAT 9710

Fission
293 Kelvin Cross Sections

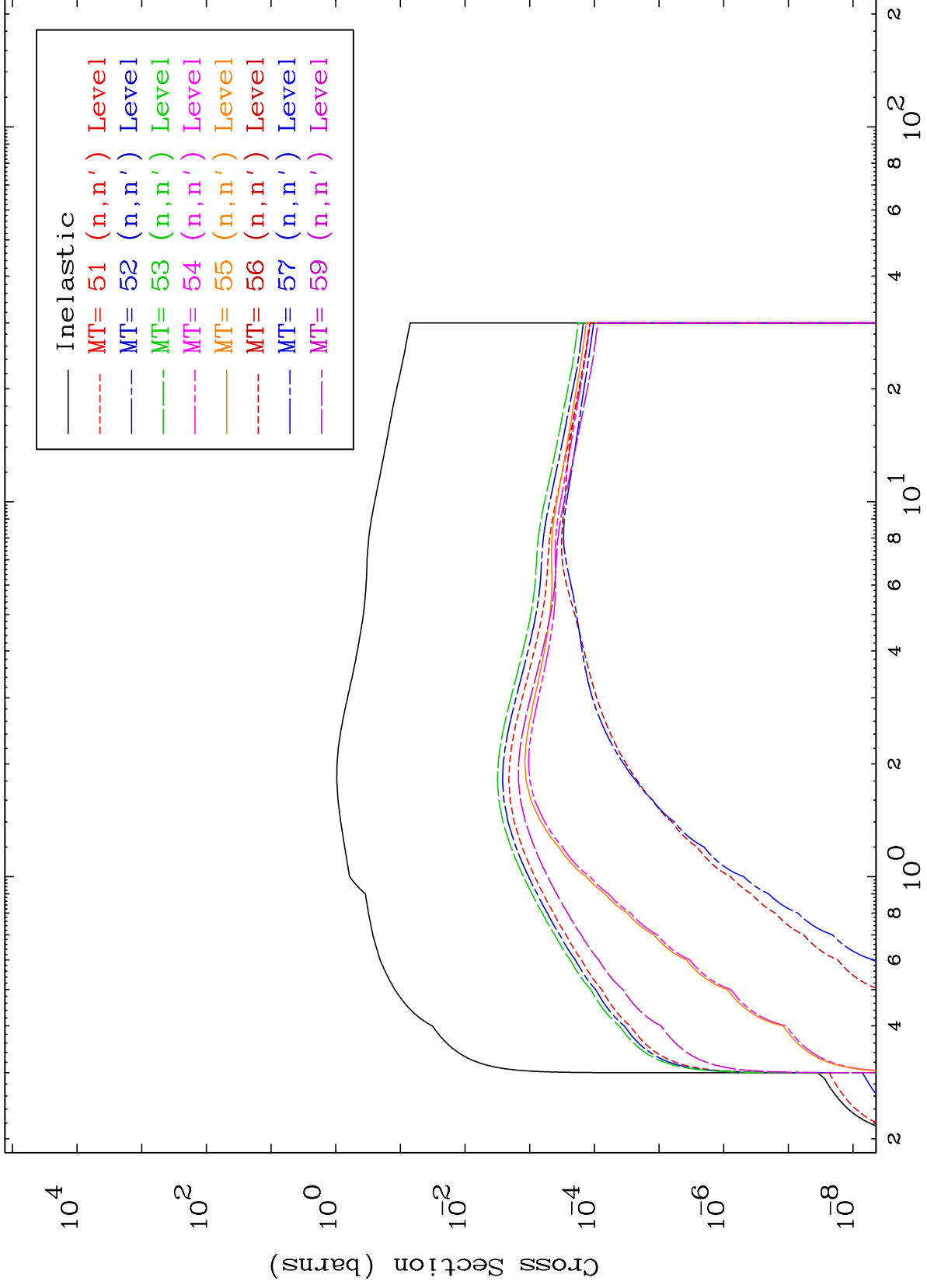
97-Bk-235



MAT 9710

(n,n') Levels
293 Kelvin Cross Sections

97-Bk-235



9

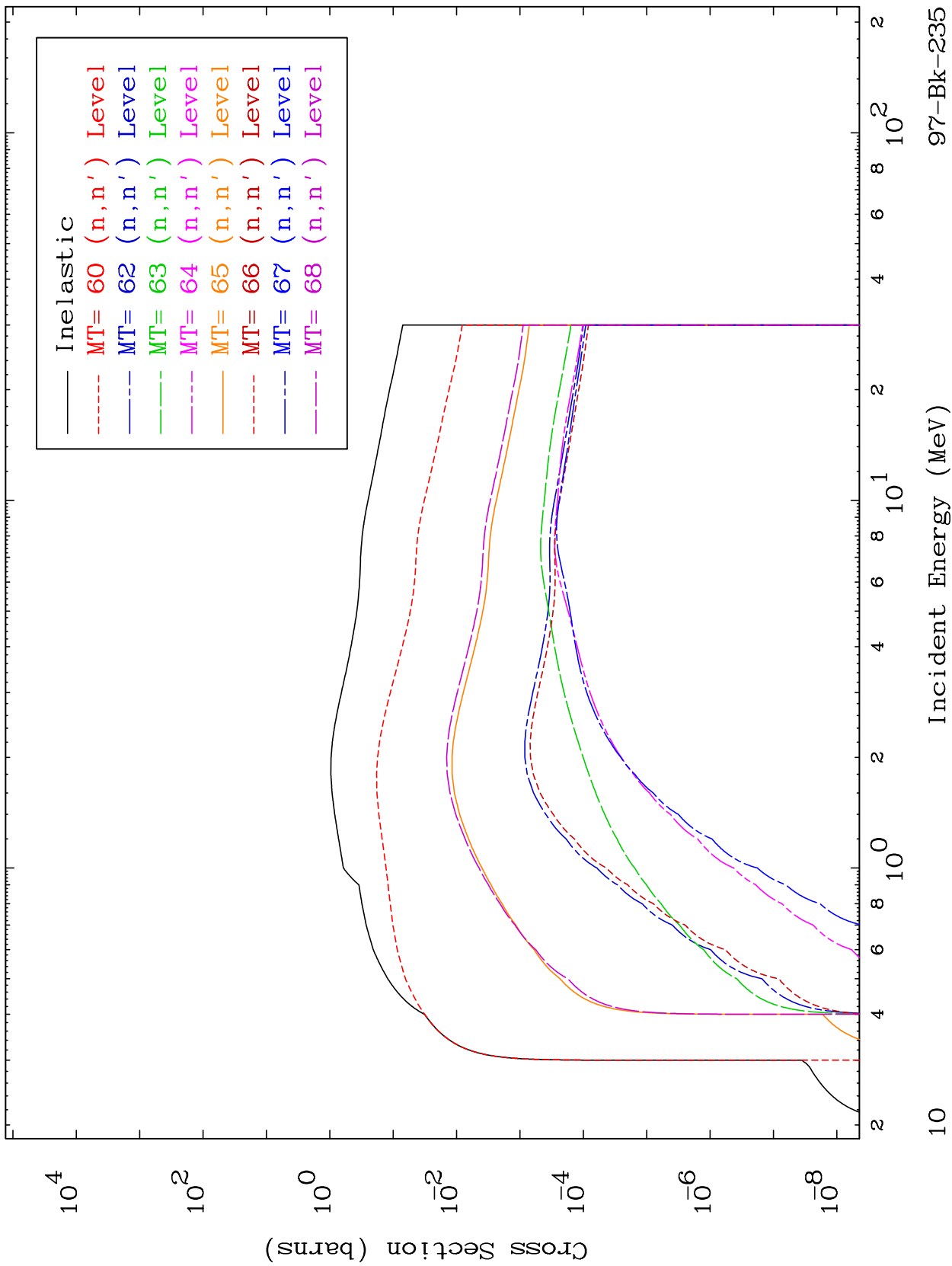
Incident Energy (MeV)

97-Bk-235

MAT 9710

(n,n') Levels
293 Kelvin Cross Sections

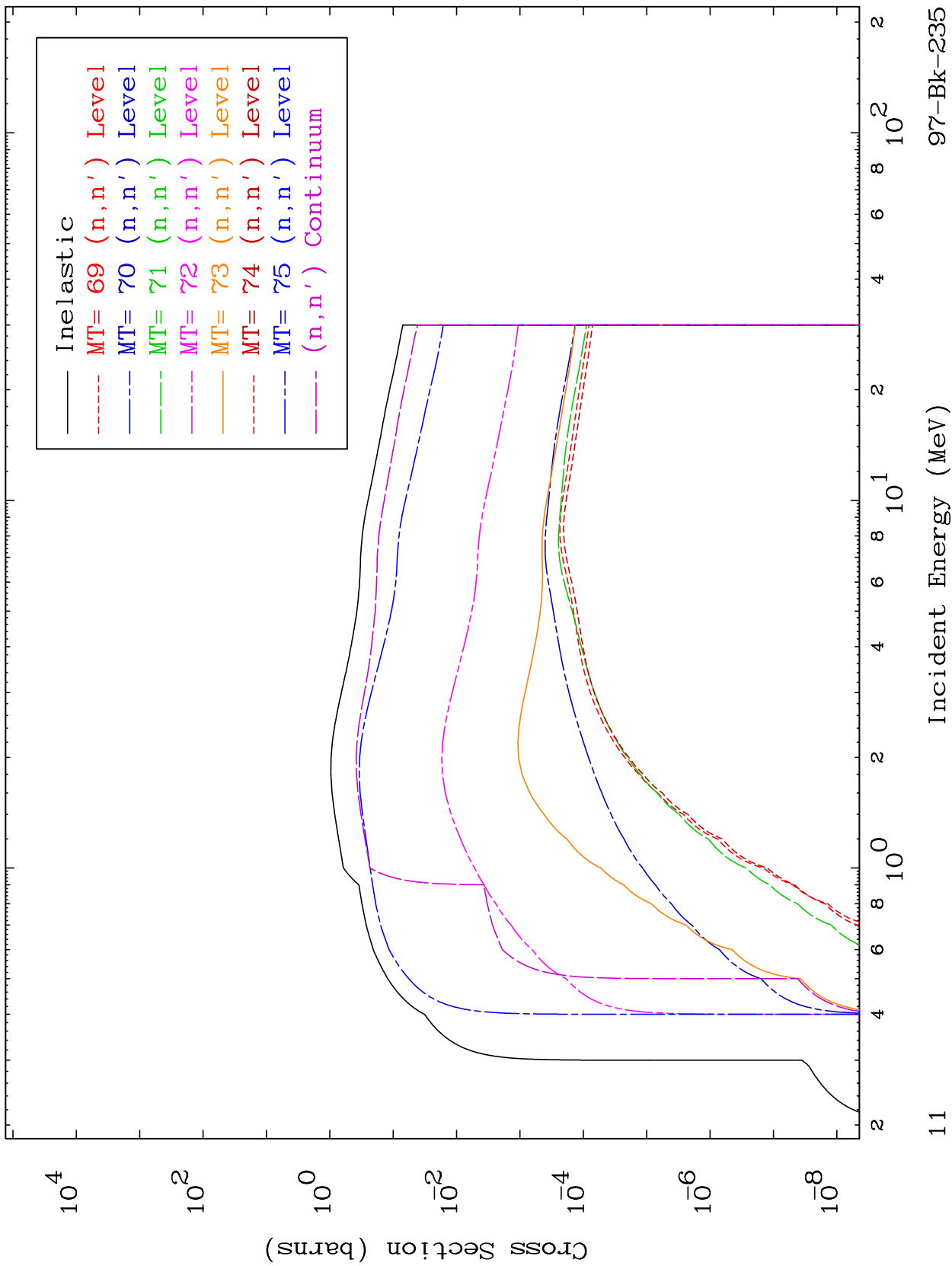
97-Bk-235



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Incident Energy (MeV)

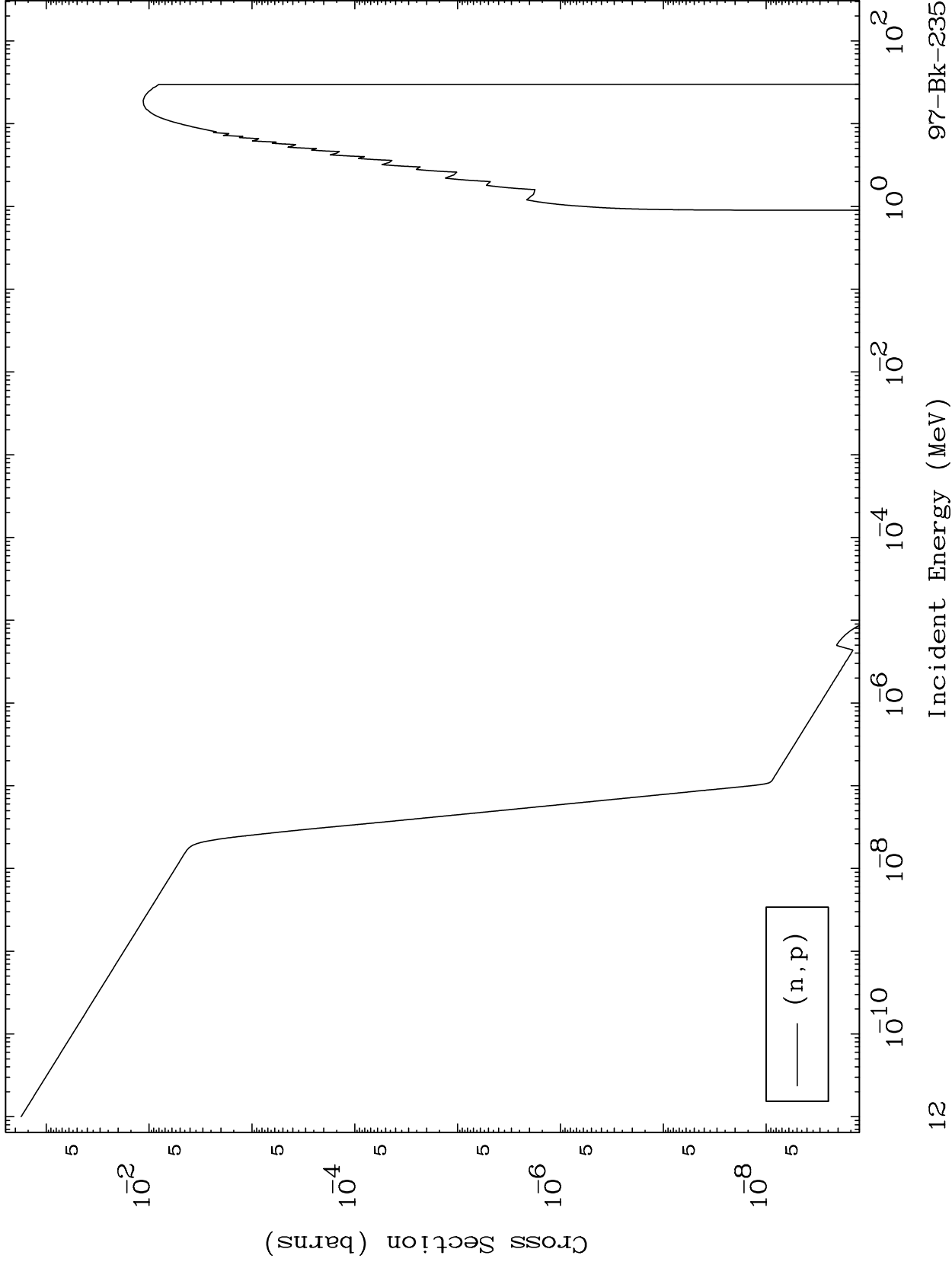
97-Bk-235



MAT 9710

(n,p) Levels
293 Kelvin Cross Sections

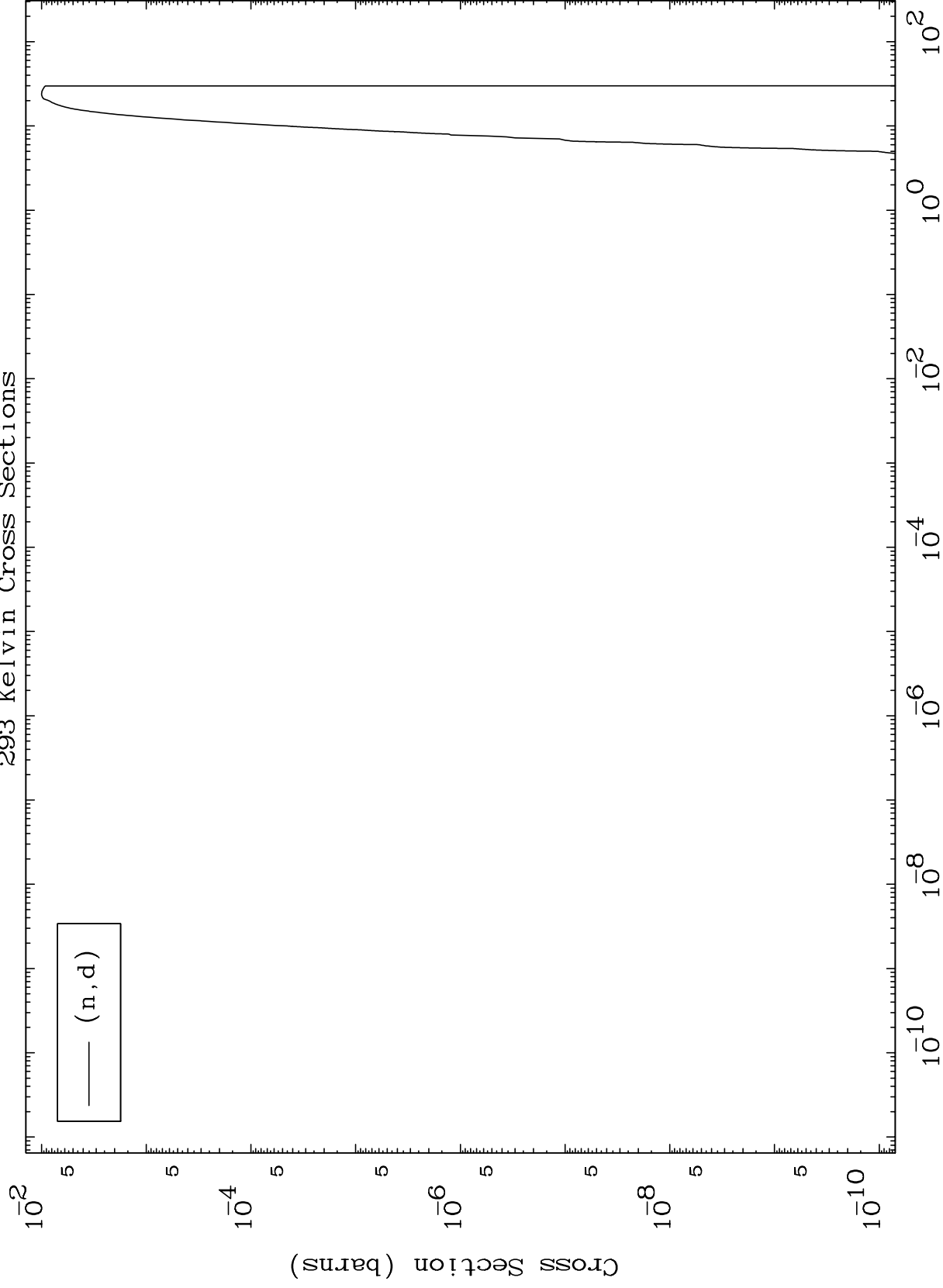
97-Bk-235



MAT 9710

(n,d) Levels
293 Kelvin Cross Sections

97-Bk-235



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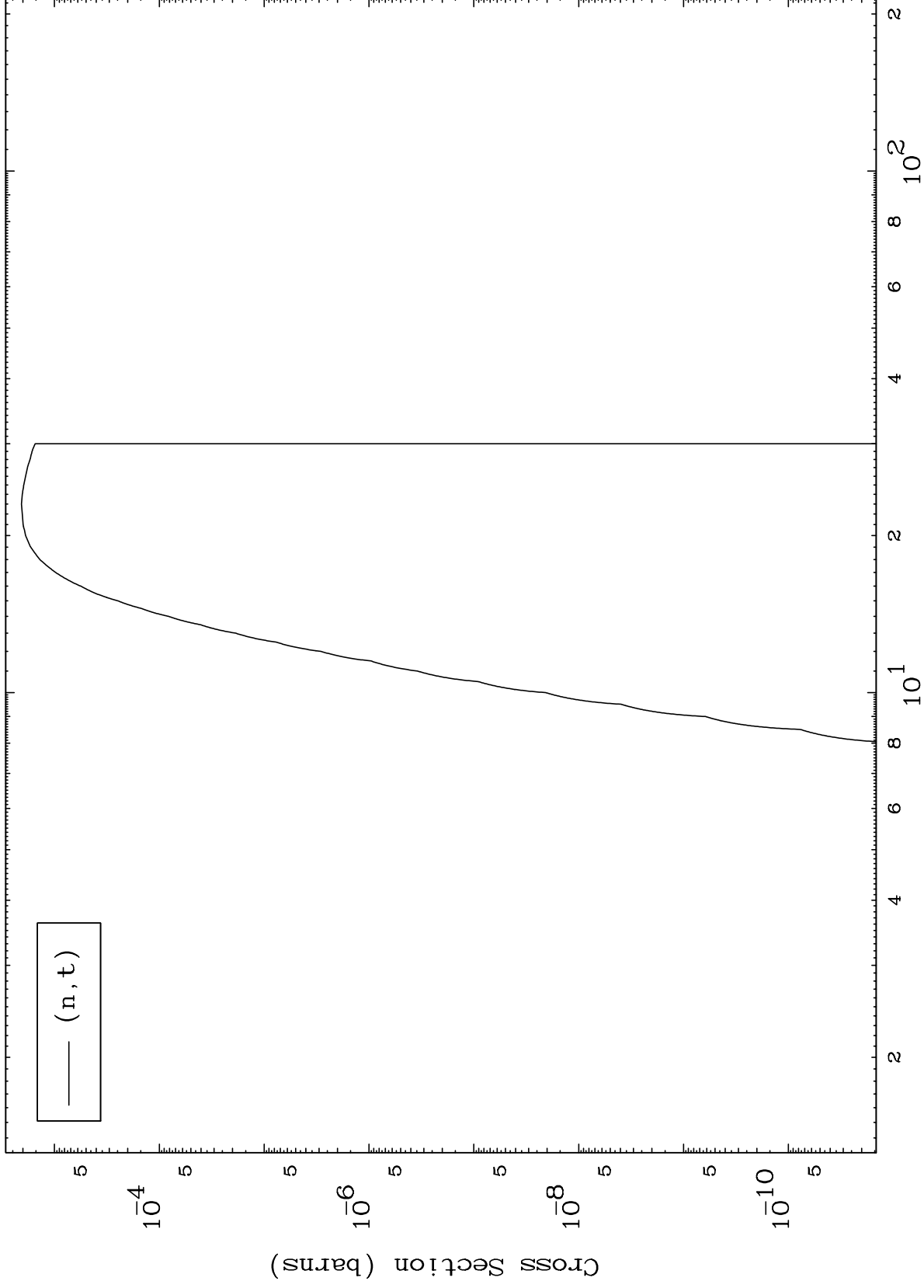
Incident Energy (MeV)

97-Bk-235

MAT 9710

(n,t) Levels
293 Kelvin Cross Sections

97-Bk-235



14

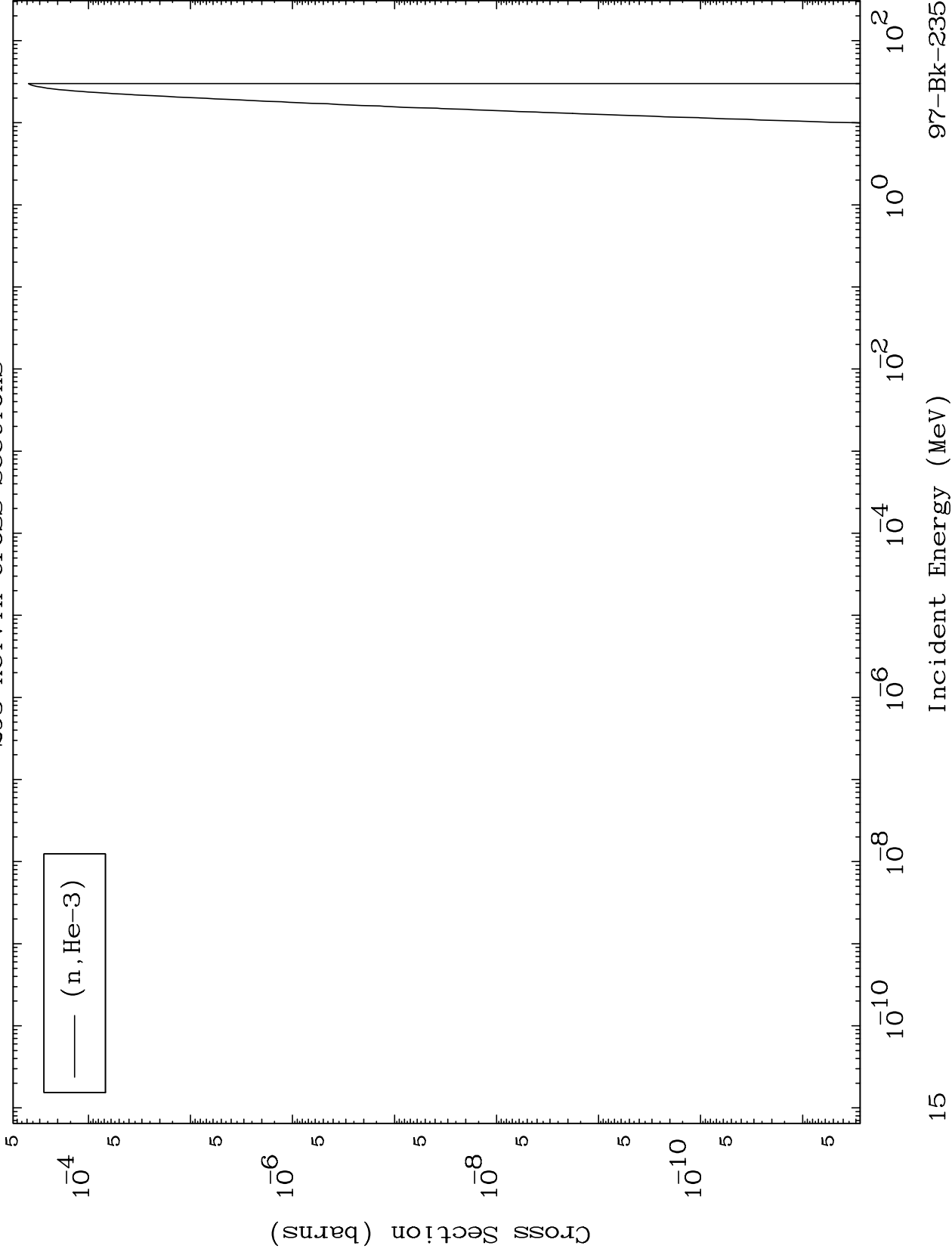
Incident Energy (MeV)

97-Bk-235

MAT 9710

(n,He3) Levels
293 Kelvin Cross Sections

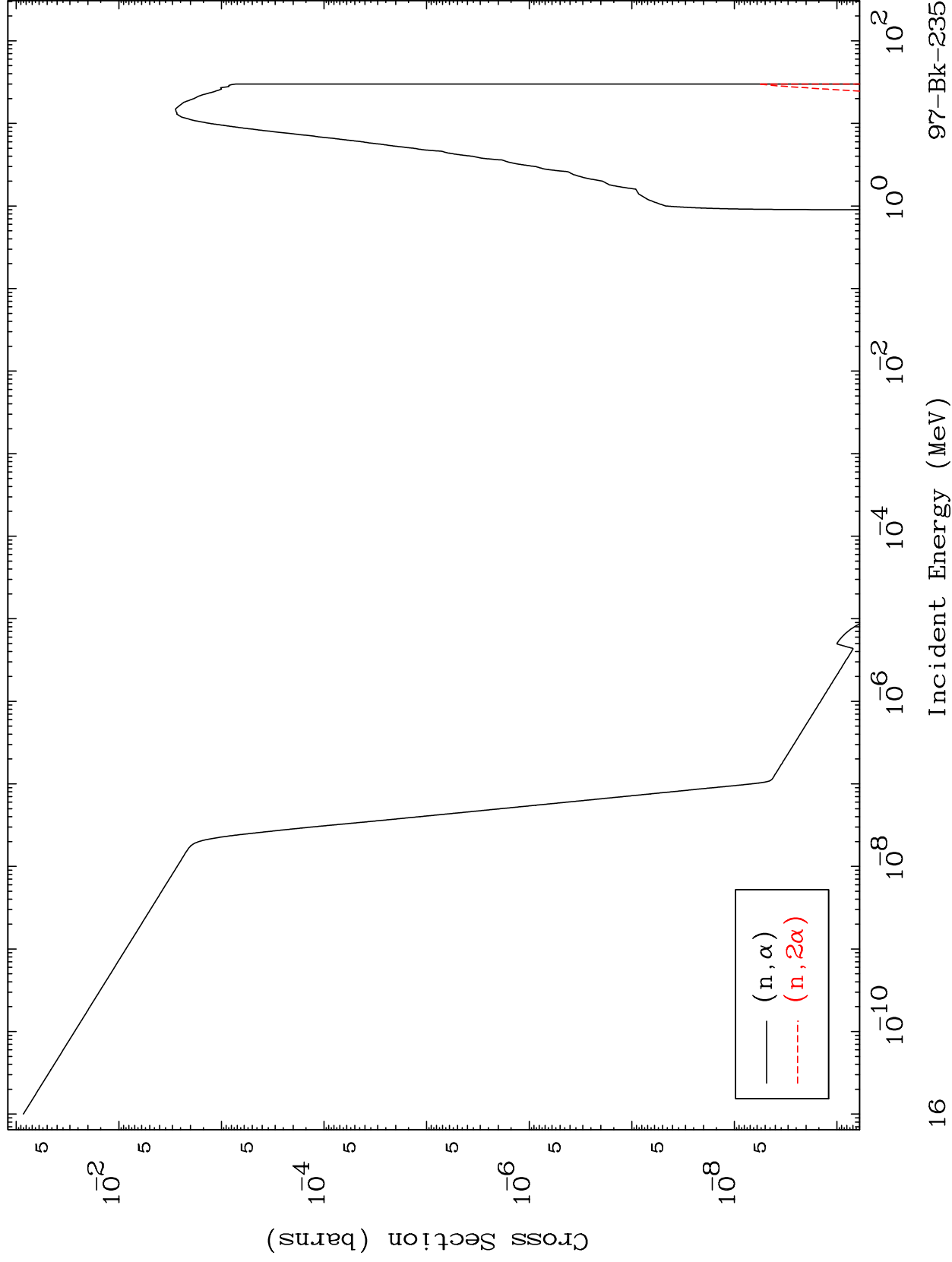
97-Bk-235



MAT 9710

(n, α) Levels
293 Kelvin Cross Sections

97-Bk-235

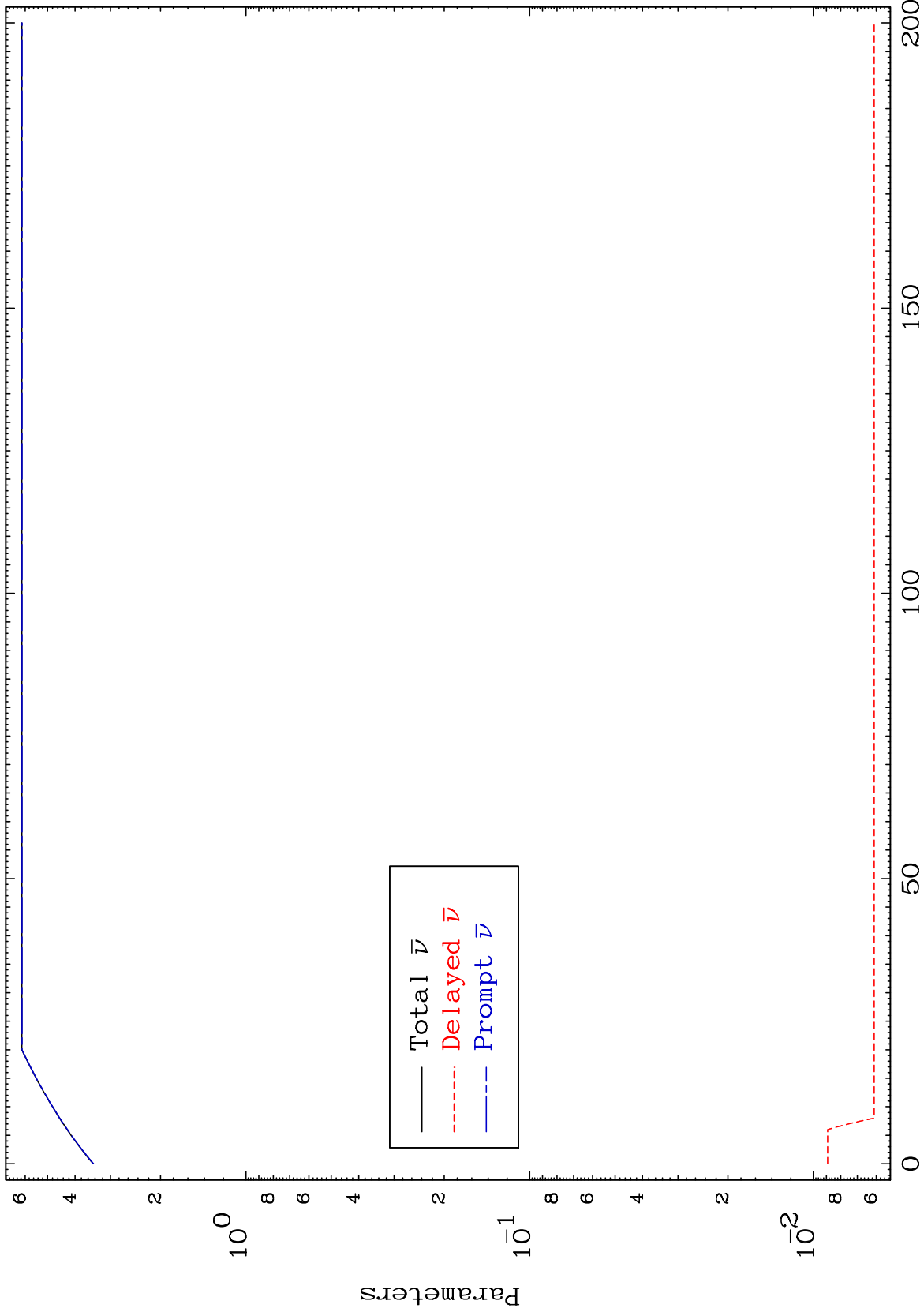


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Energy Release
Parameters

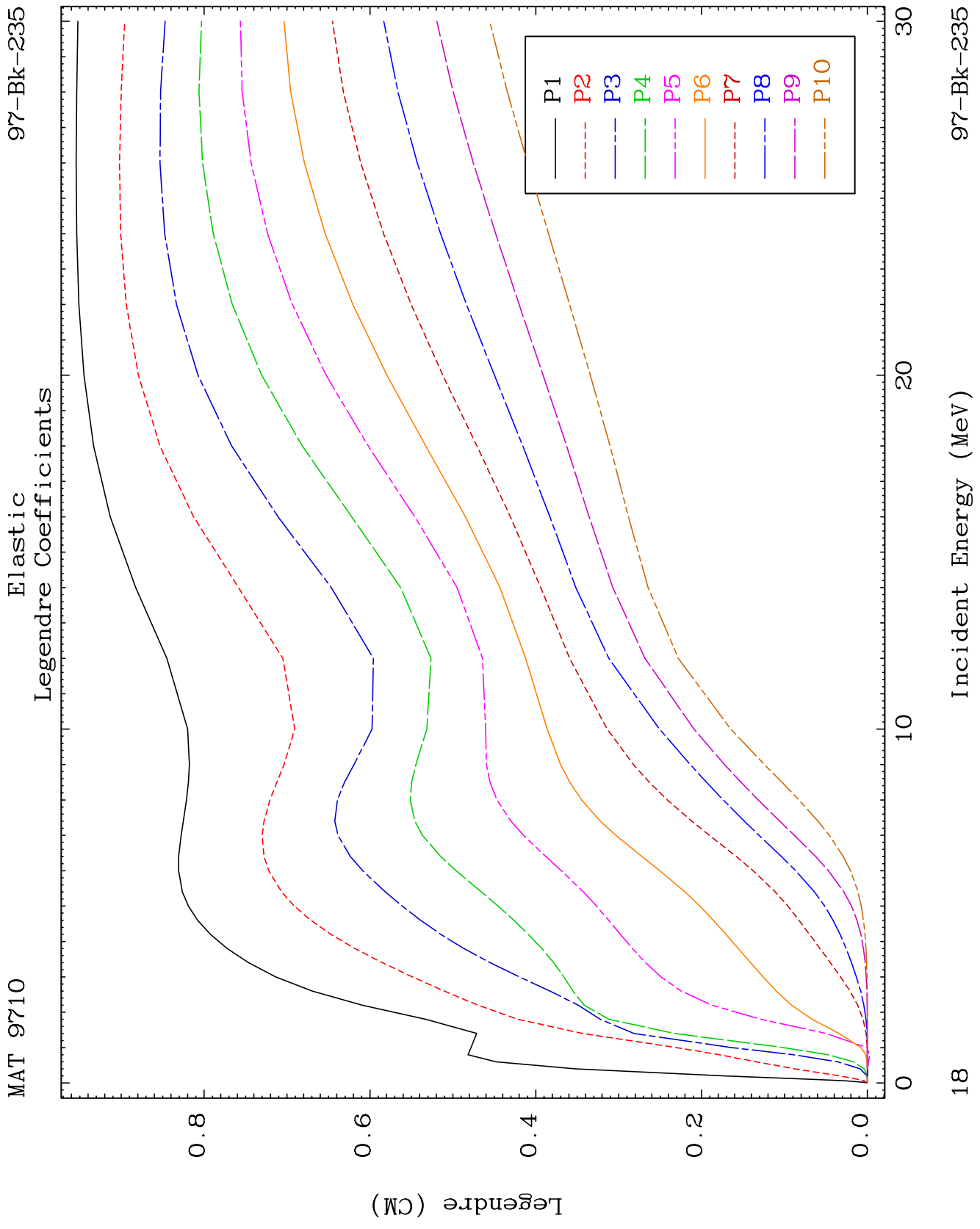
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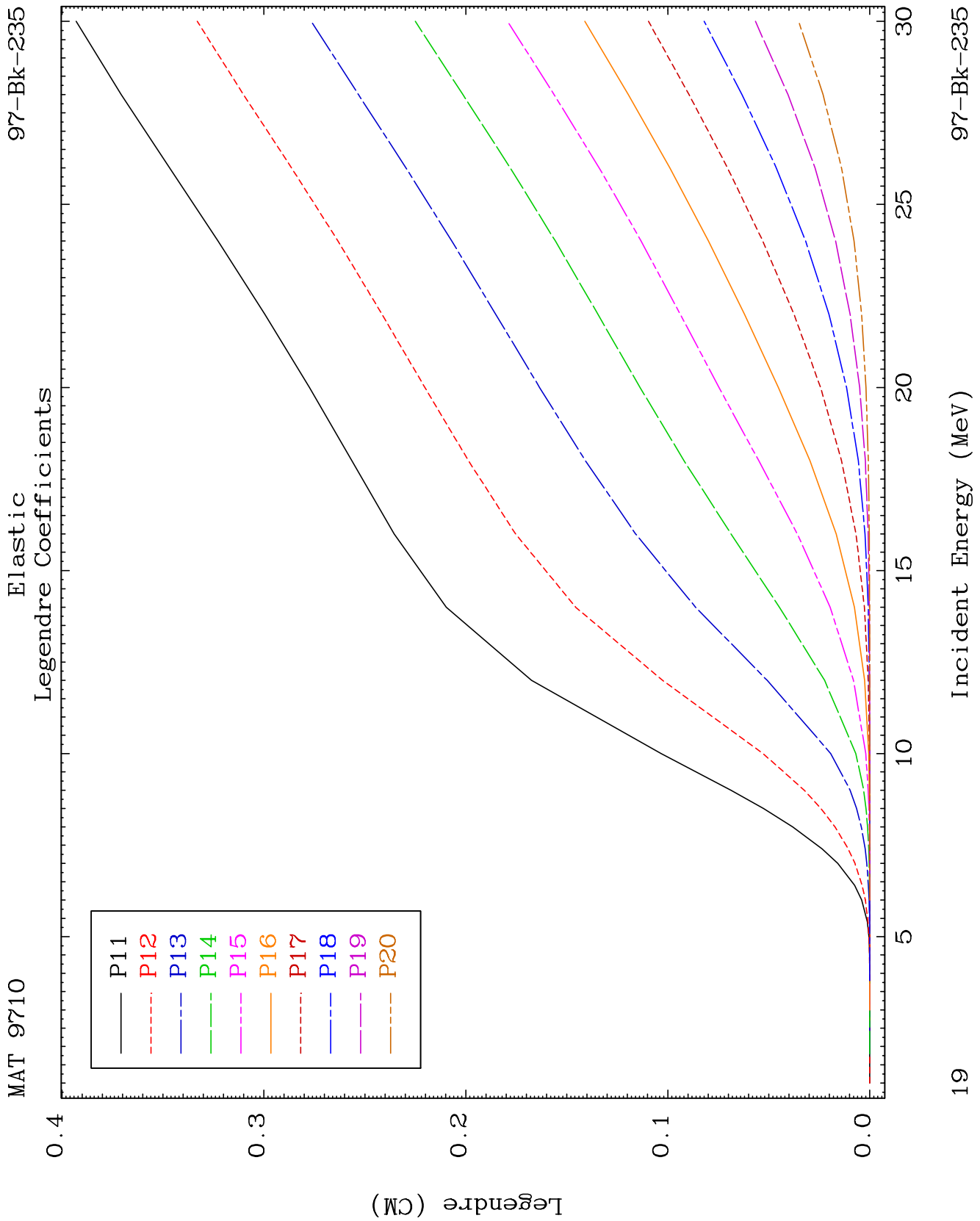


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Incident Energy (MeV)

97-Bk-235

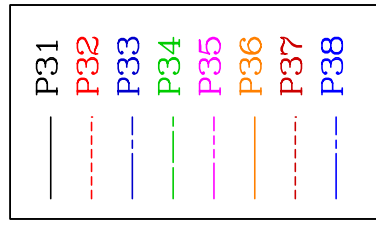




MAT 9710

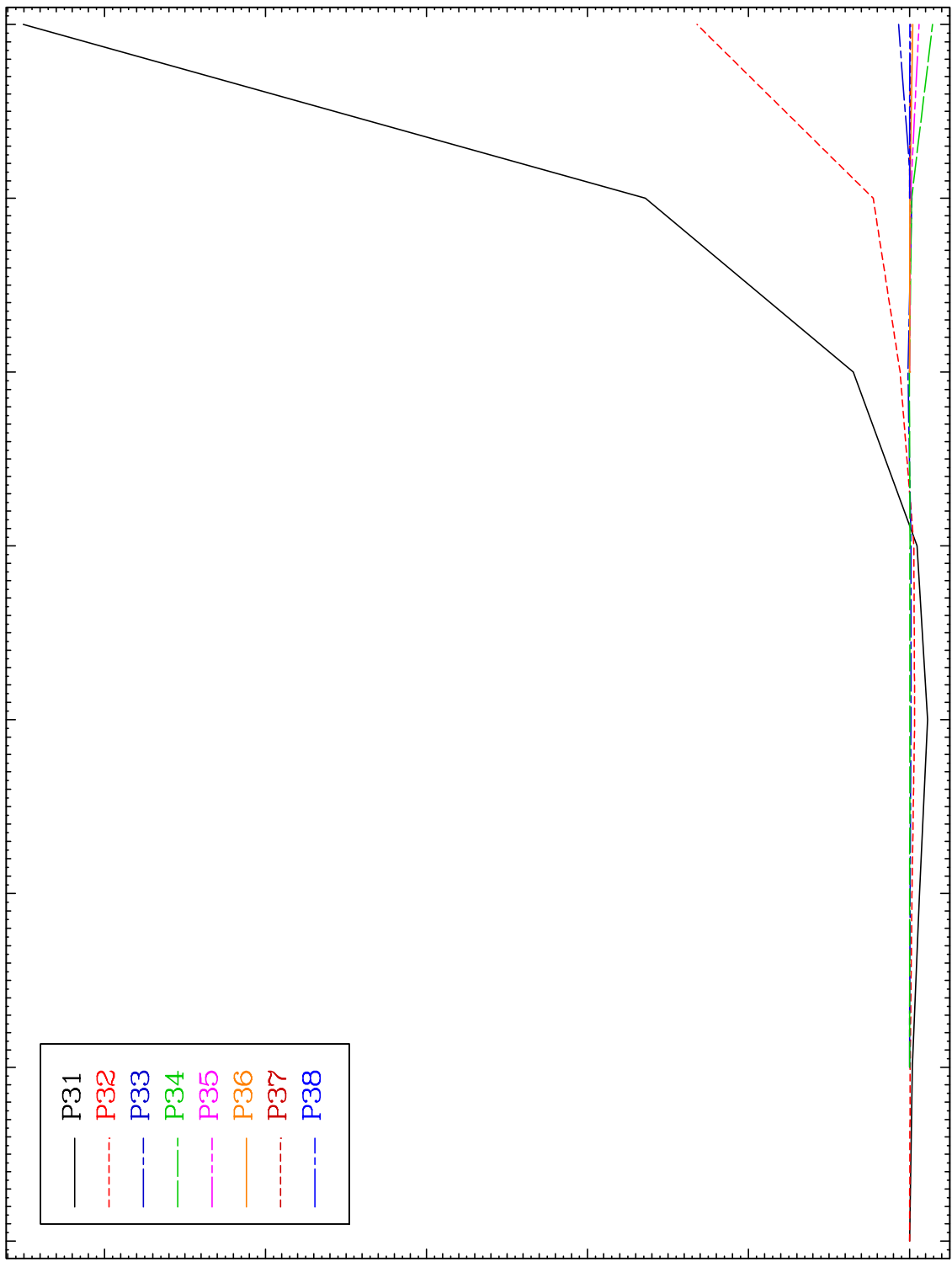
Elastic Legendre Coefficients

97-Bk-235



$\times 10^{-6}$
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)



30

28

26

24

22

20

18

16

21

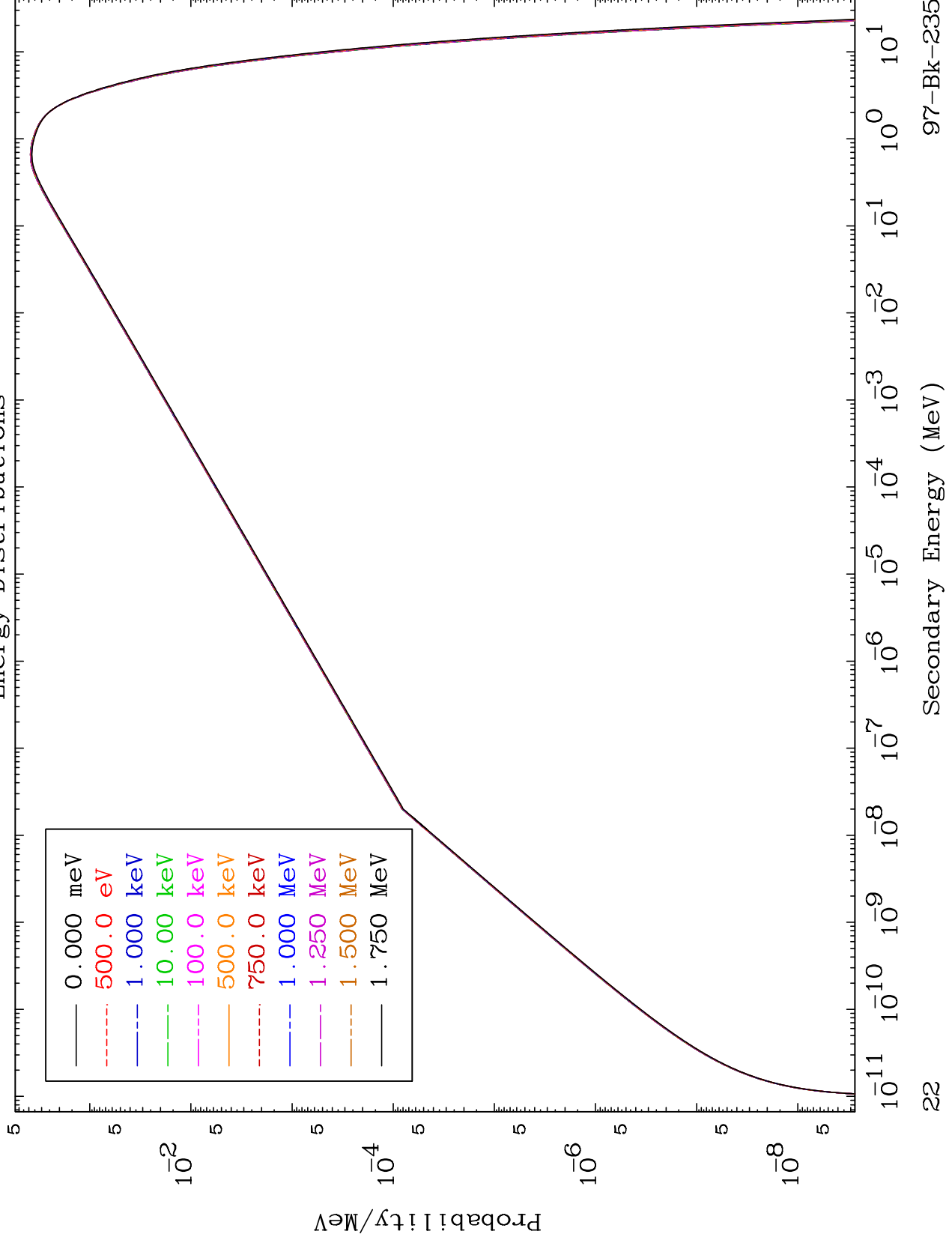
Incident Energy (MeV)

97-Bk-235

MAT 9710

Fission Energy Distributions

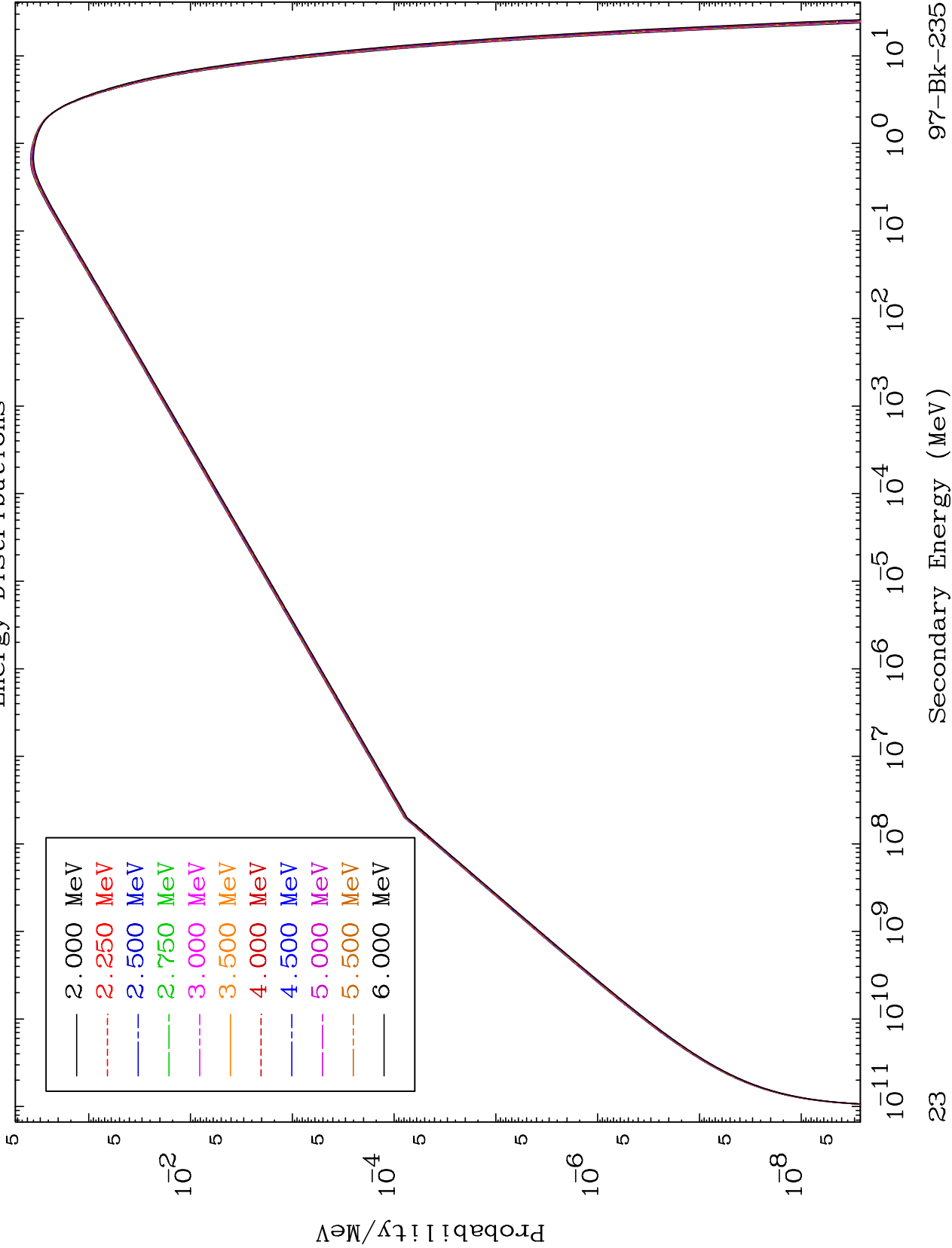
97-Bk-235



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Fission Energy Distributions

97-Bk-235



97-Bk-235

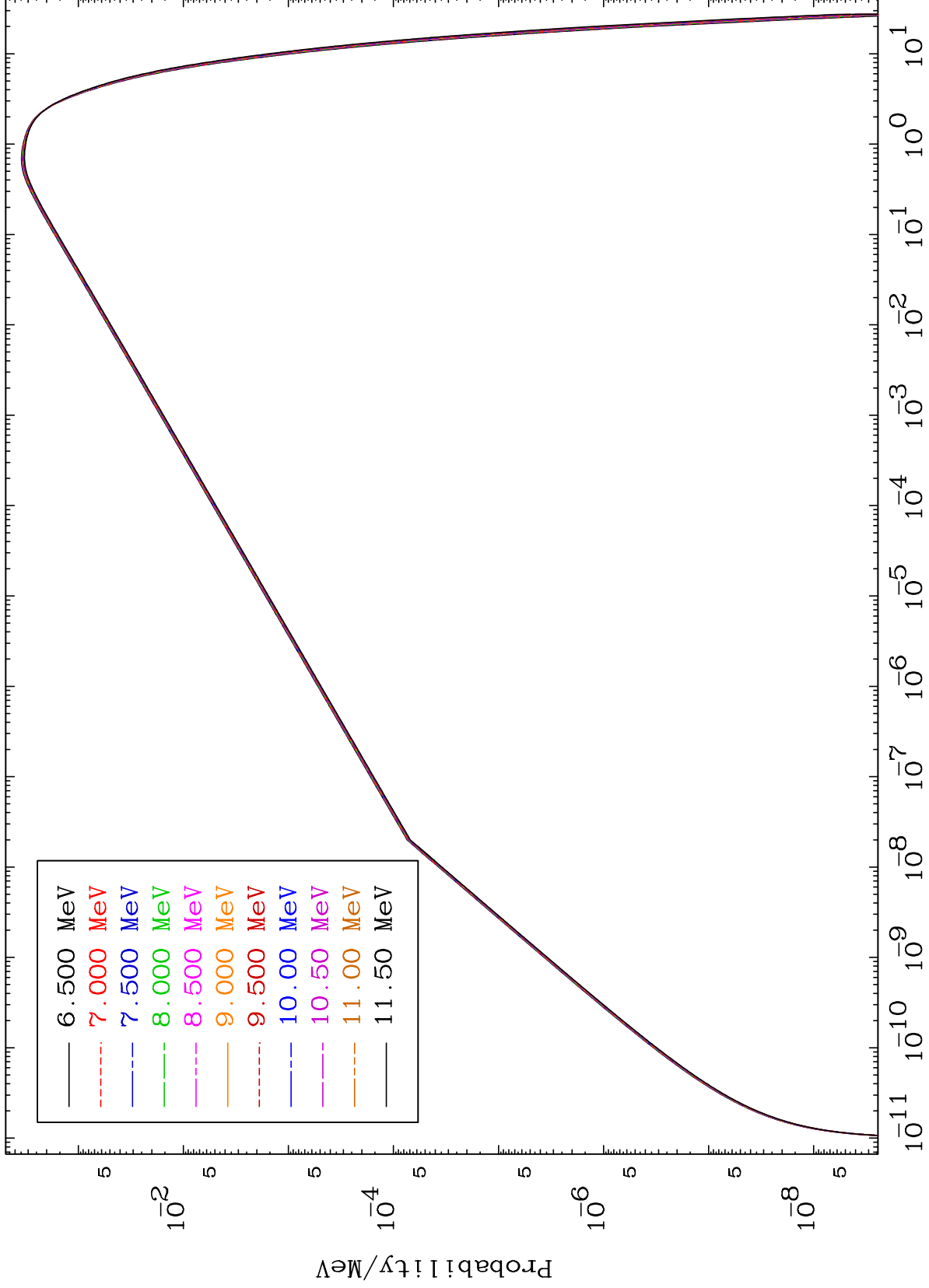
Secondary Energy (MeV)

23

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Fission Energy Distributions

97-Bk-235



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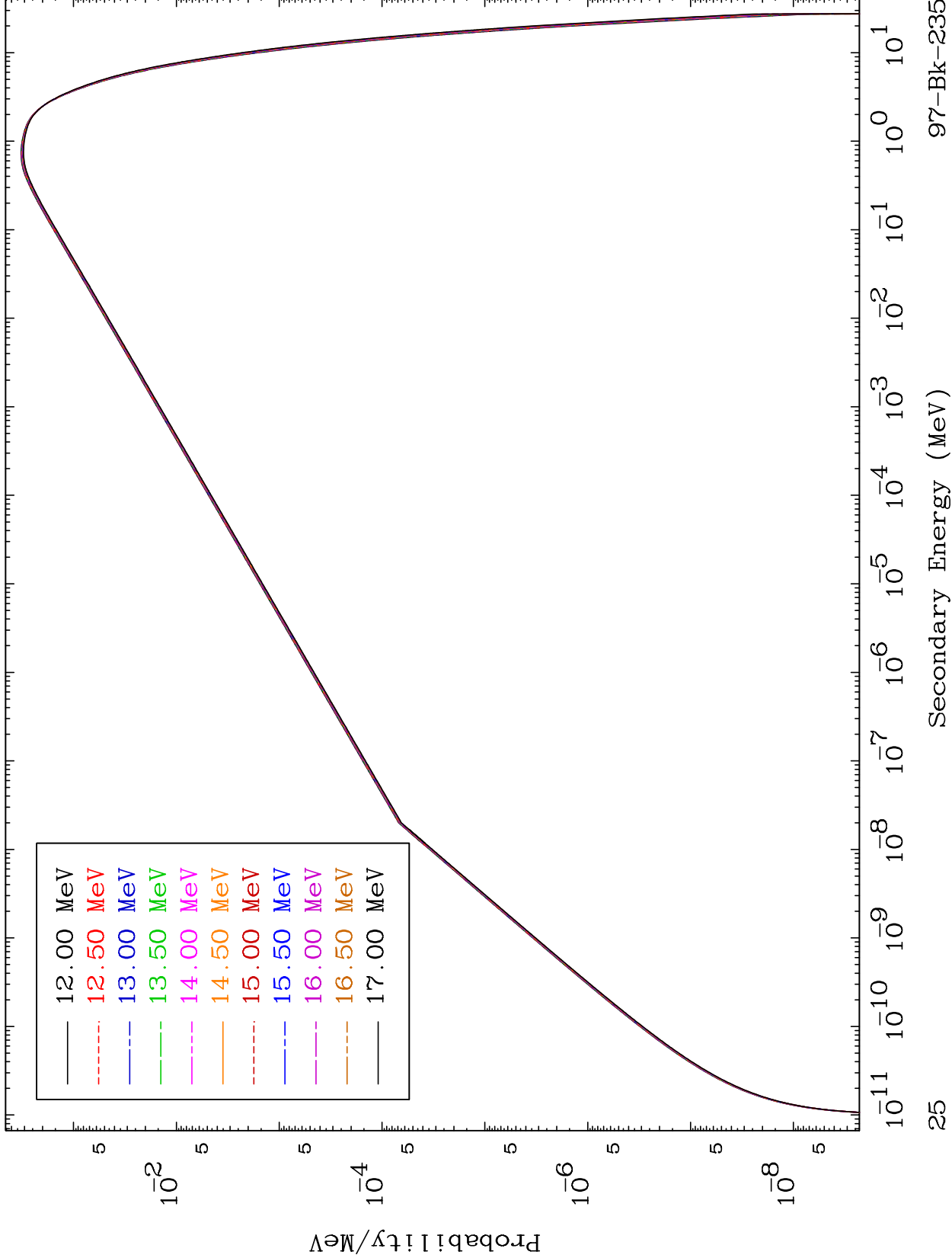
Secondary Energy (MeV)

97-Bk-235

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Fission Energy Distributions

97-Bk-235



97-Bk-235

Secondary Energy (MeV)

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Fission Energy Distributions

