

Program EVALPLOT  
(Version 2018-1)

by

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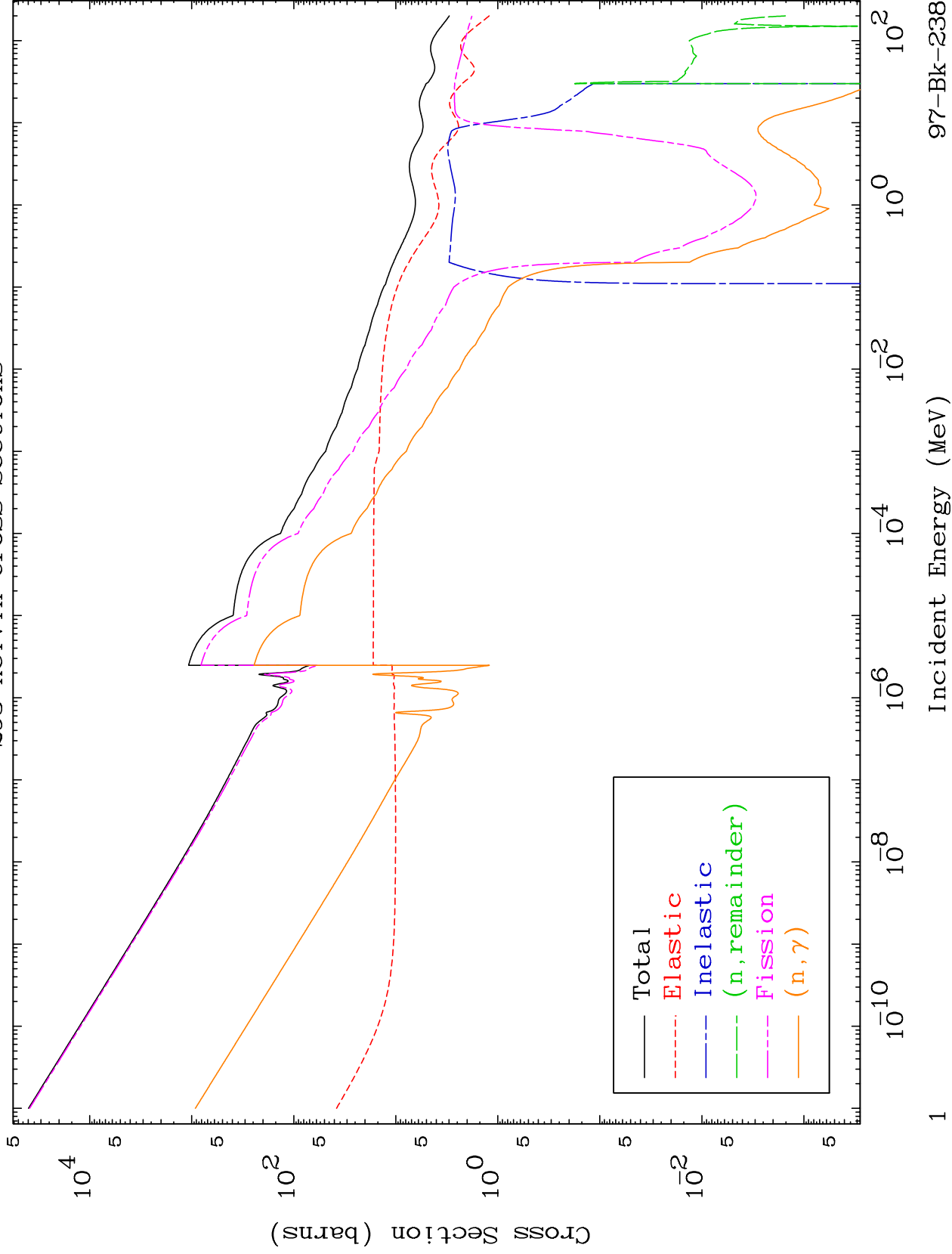
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9719

Major  
293 Kelvin Cross Sections

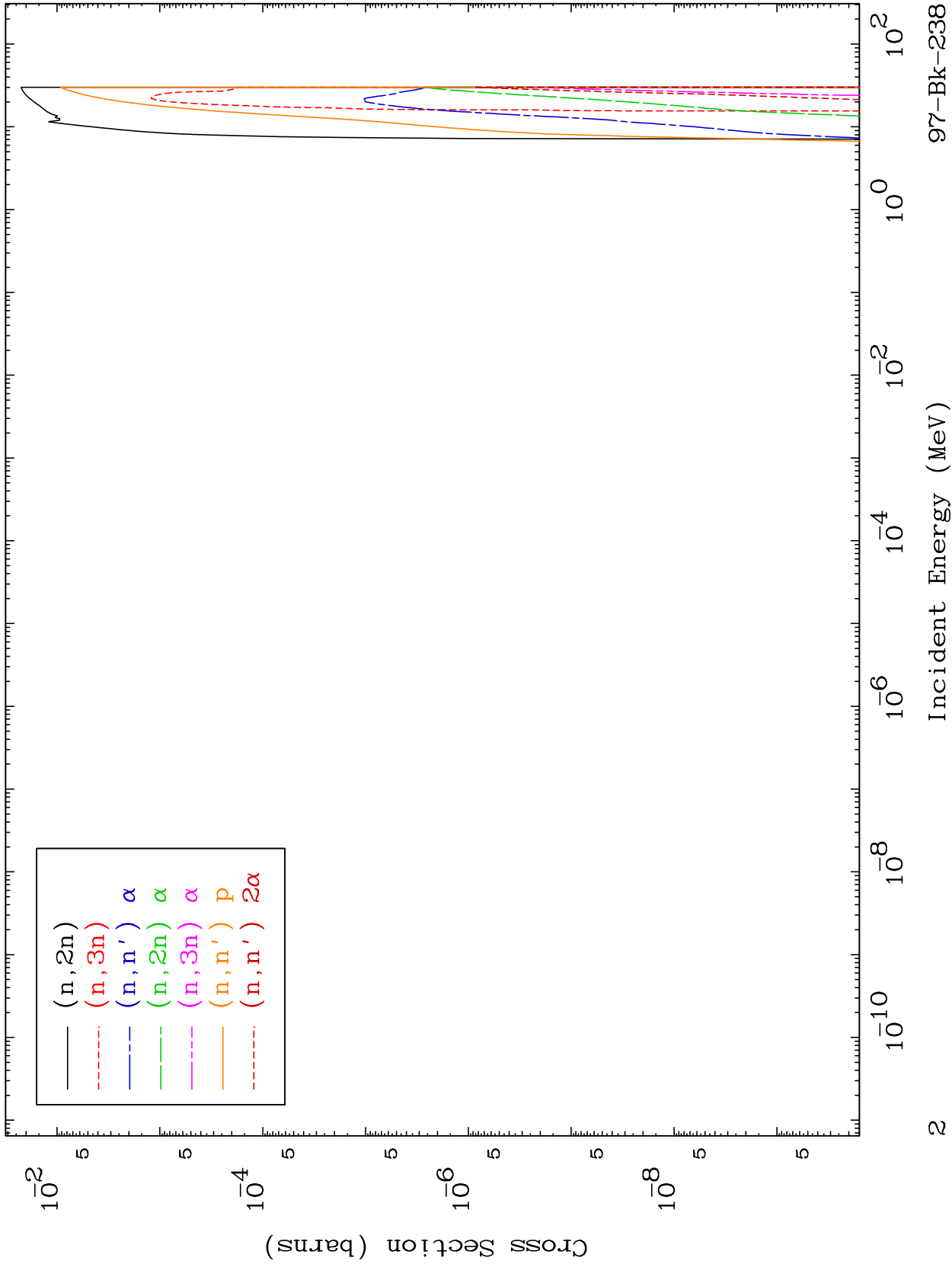
97-Bk-238



MAT 9719

Neutron Production  
293 Kelvin Cross Sections

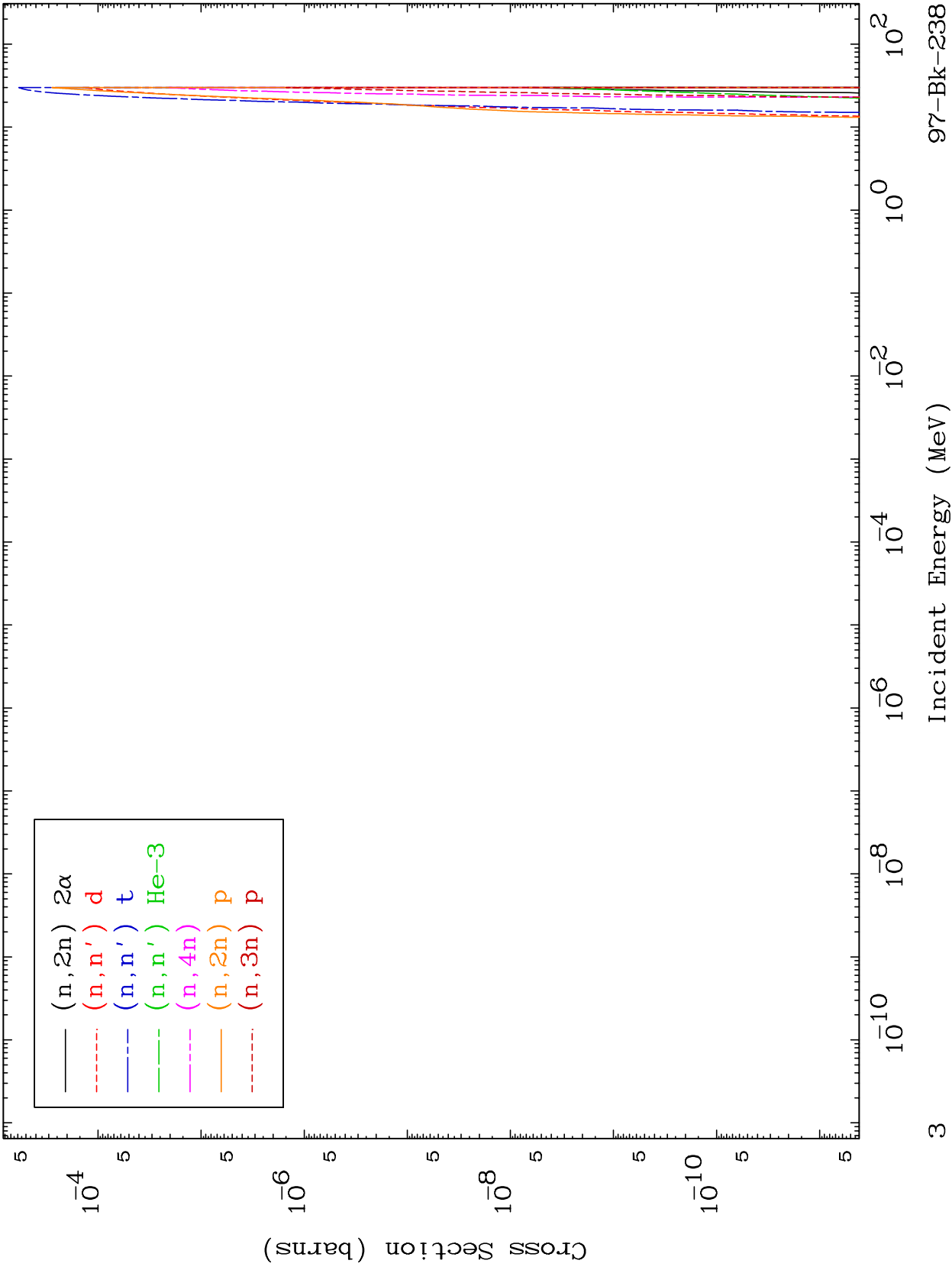
97-Bk-238



MAT 9719

Neutron Production  
293 Kelvin Cross Sections

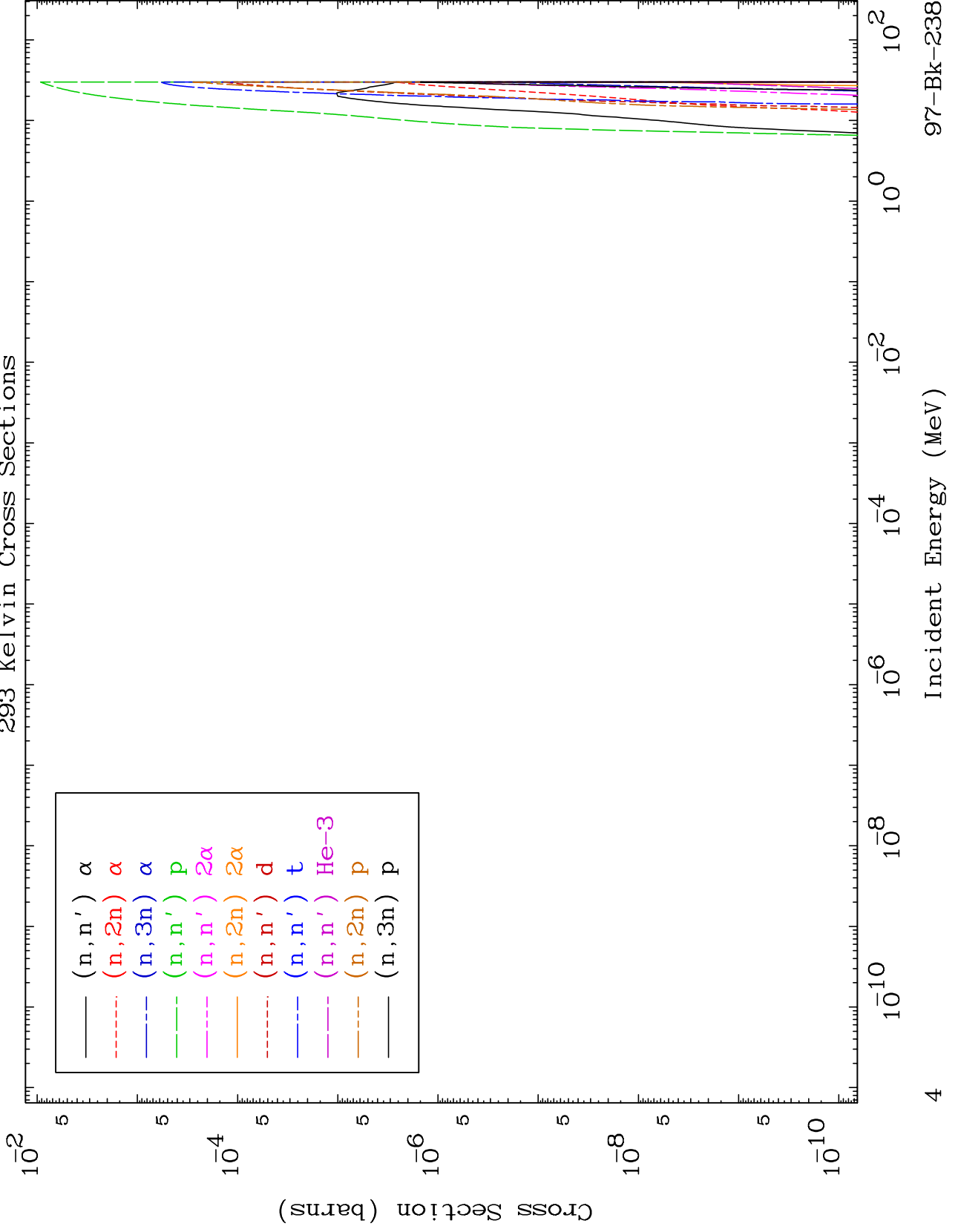
97-Bk-238



MAT 9719

Charged Particle  
293 Kelvin Cross Sections

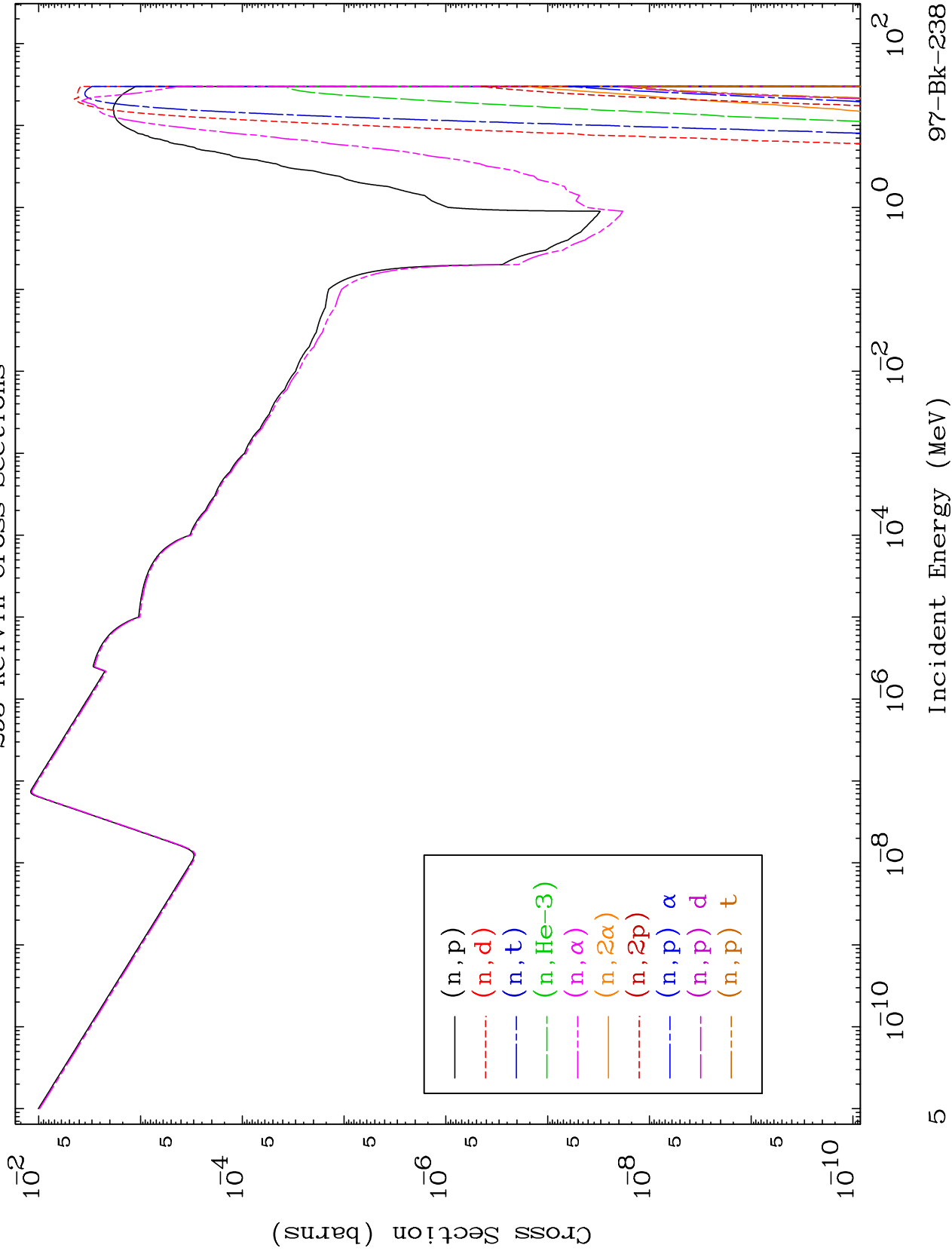
97-Bk-238



MAT 9719

Charged Particle  
293 Kelvin Cross Sections

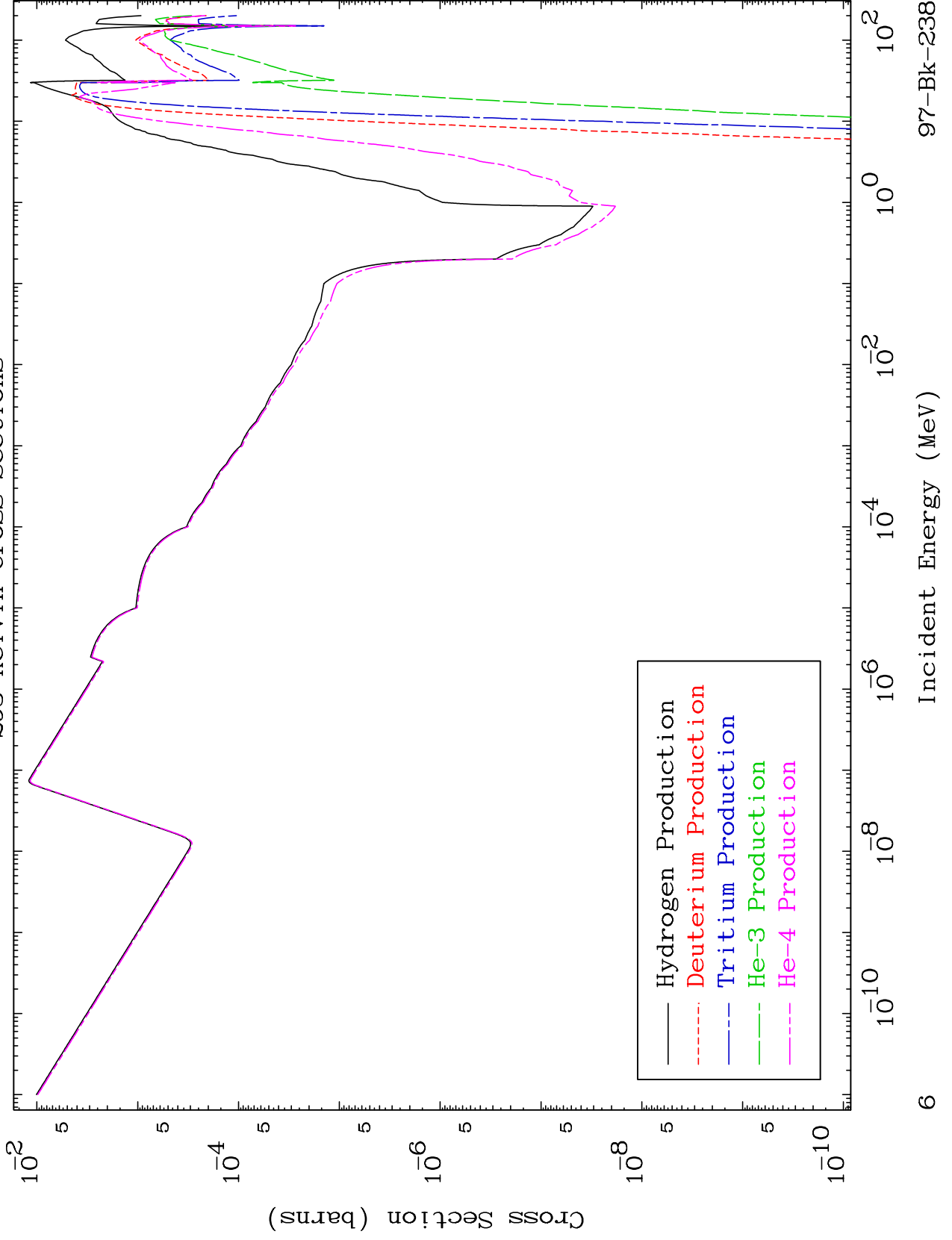
97-Bk-238



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Particle Production  
293 Kelvin Cross Sections

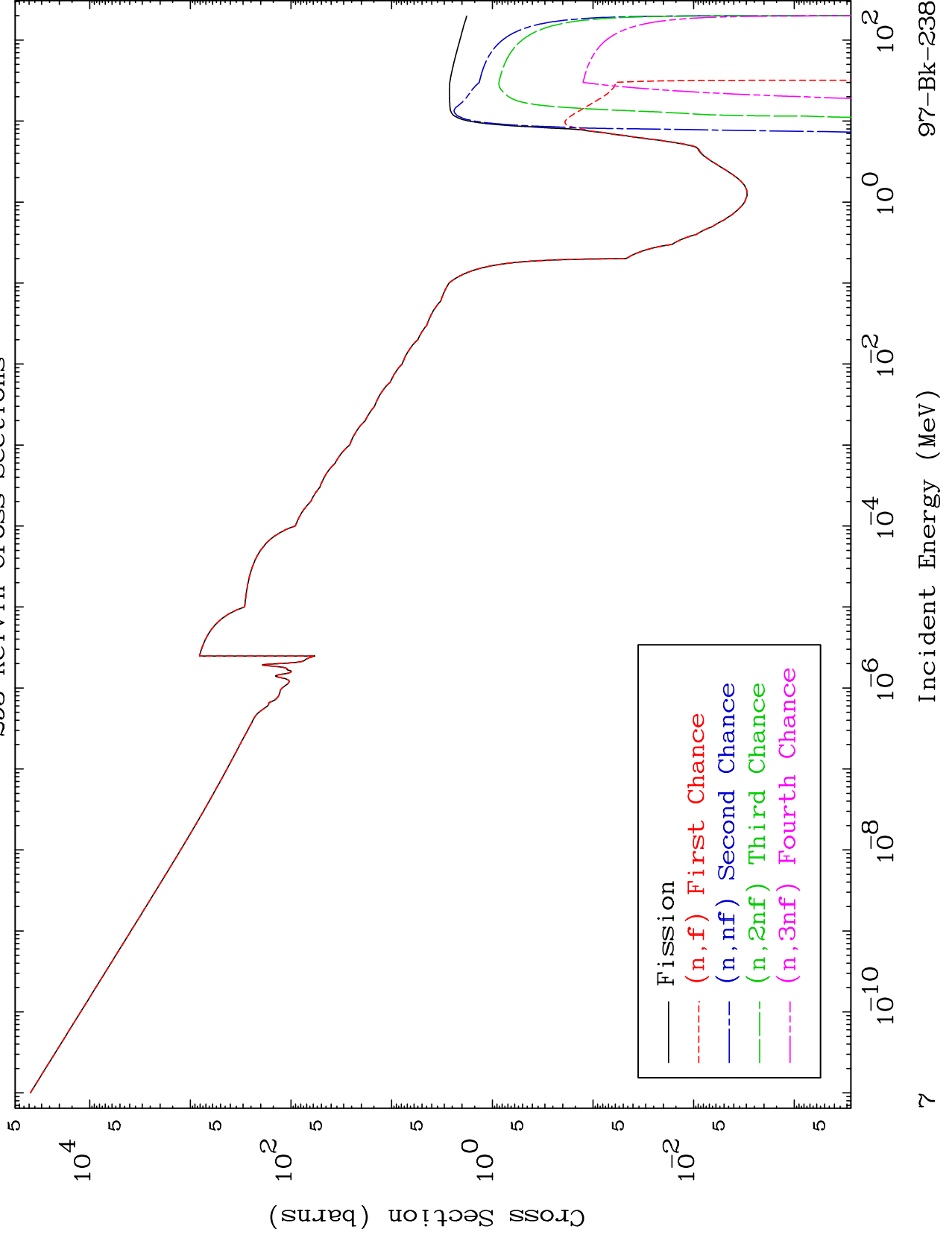
97-Bk-238



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Fission  
293 Kelvin Cross Sections

97-Bk-238

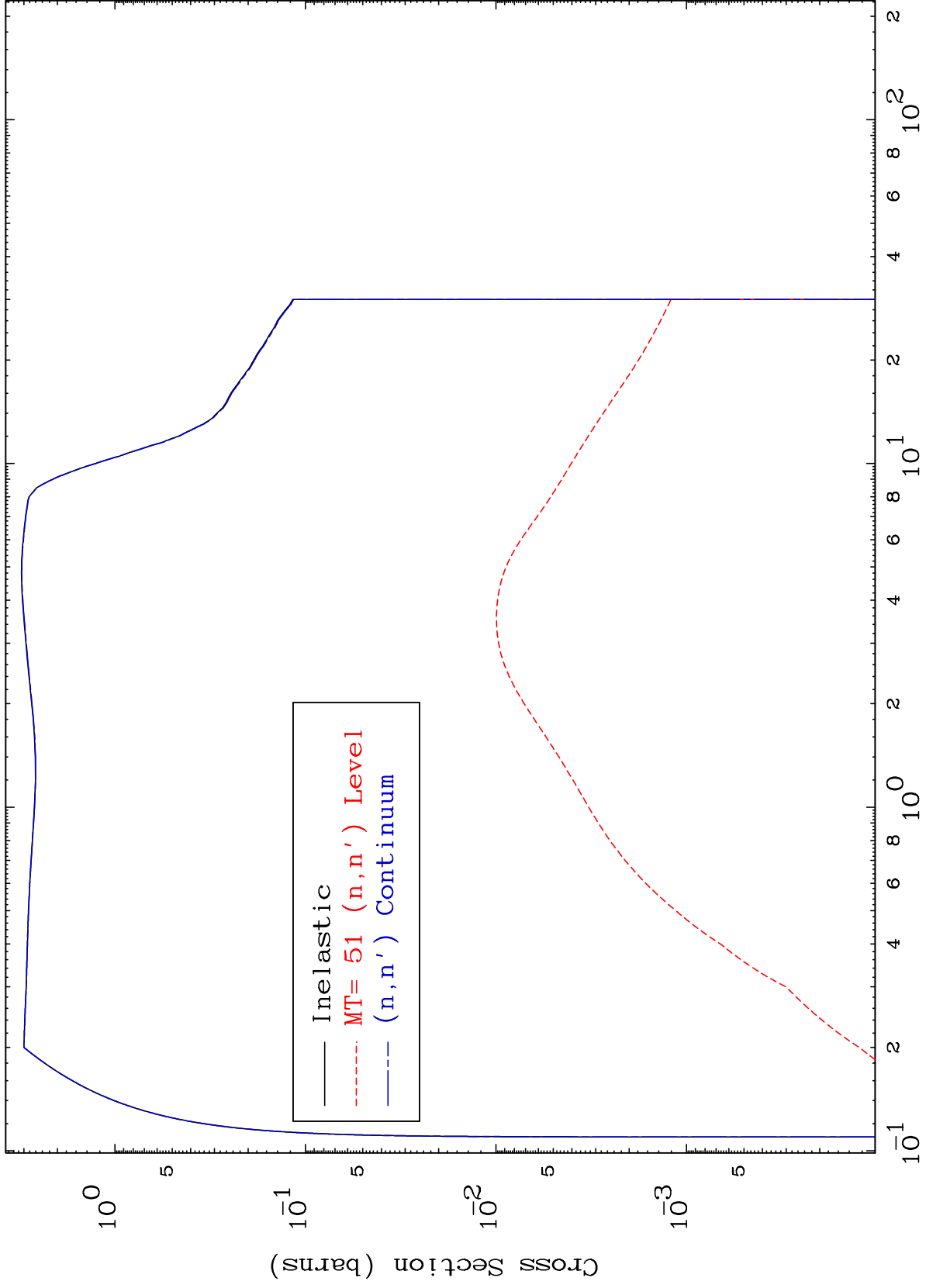




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293 Kelvin Cross Sections  
(n,n') Level

97-Bk-238



Incident Energy (MeV)

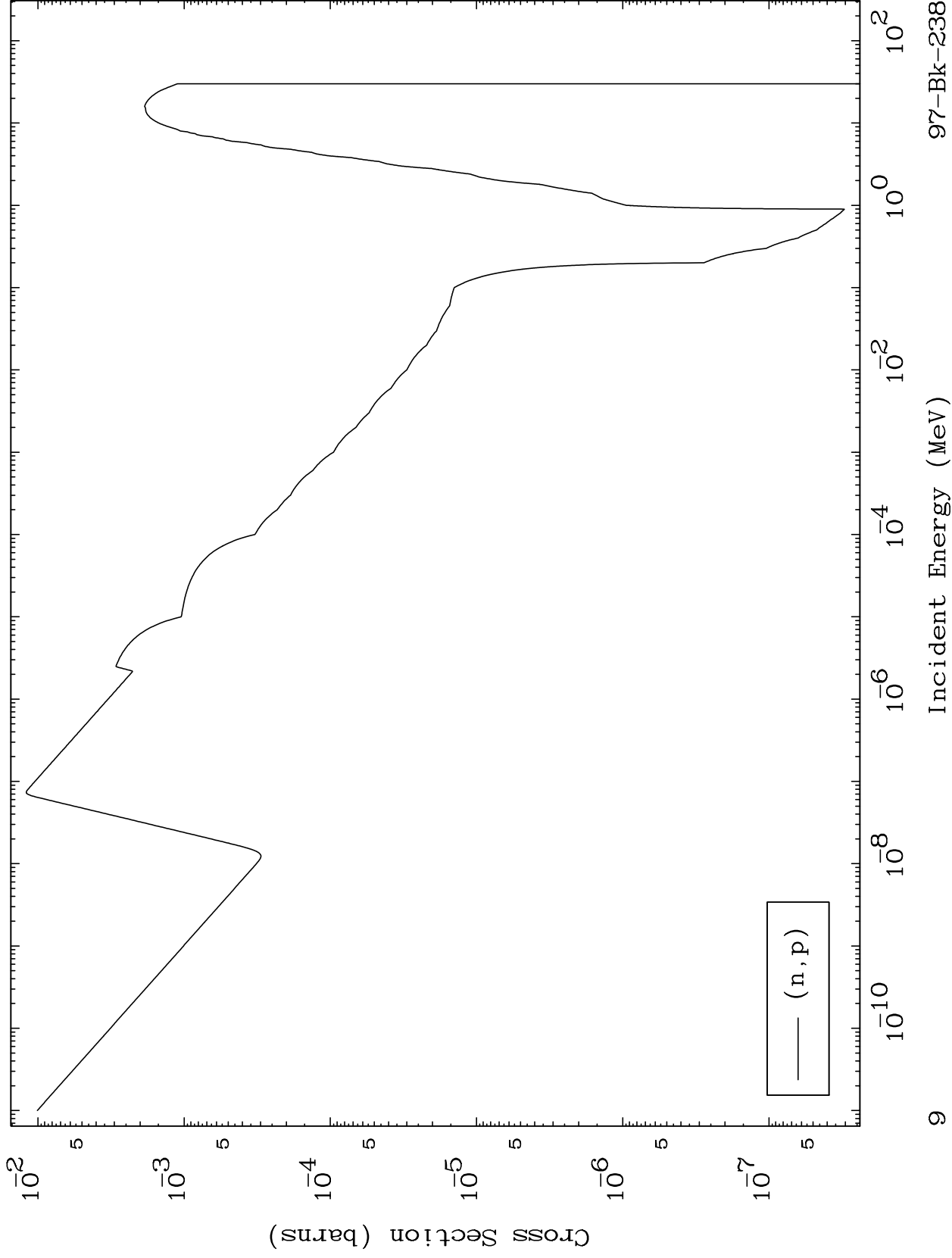
97-Bk-238

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(n,p) Levels  
293 Kelvin Cross Sections

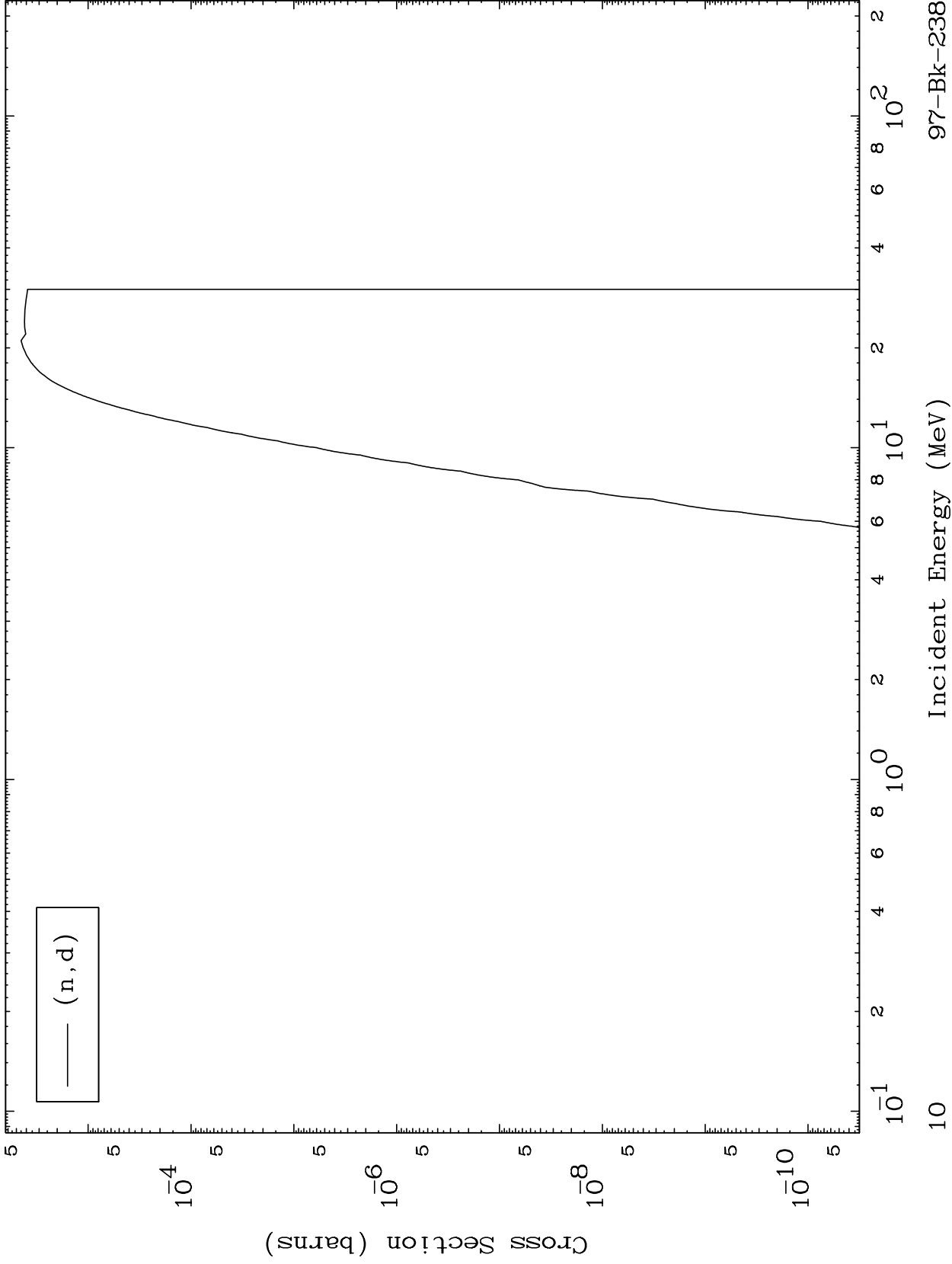
97-Bk-238



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(n,d) Levels  
293 Kelvin Cross Sections

97-Bk-238

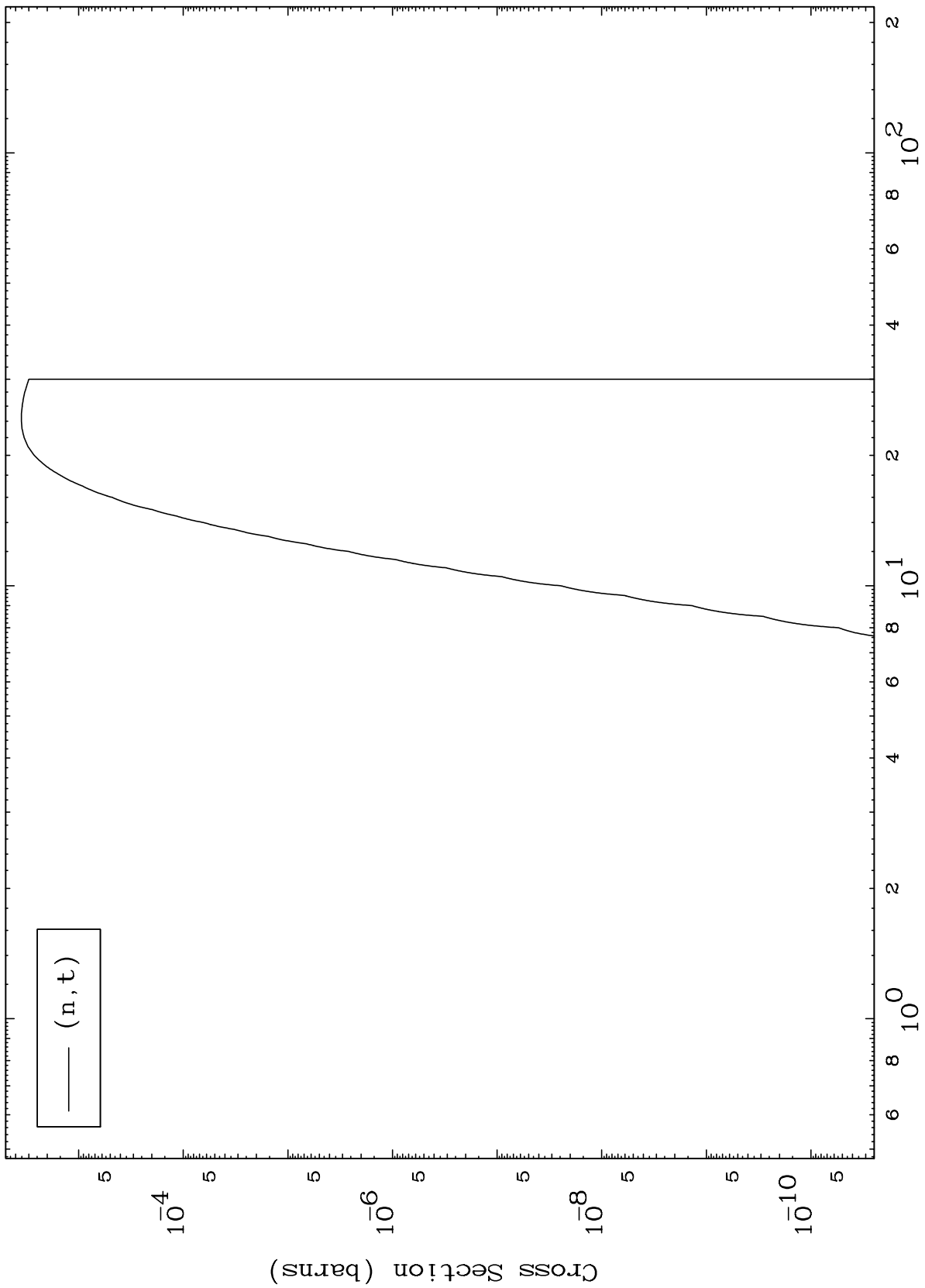


97-Bk-238

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(n,t) Levels  
293 Kelvin Cross Sections

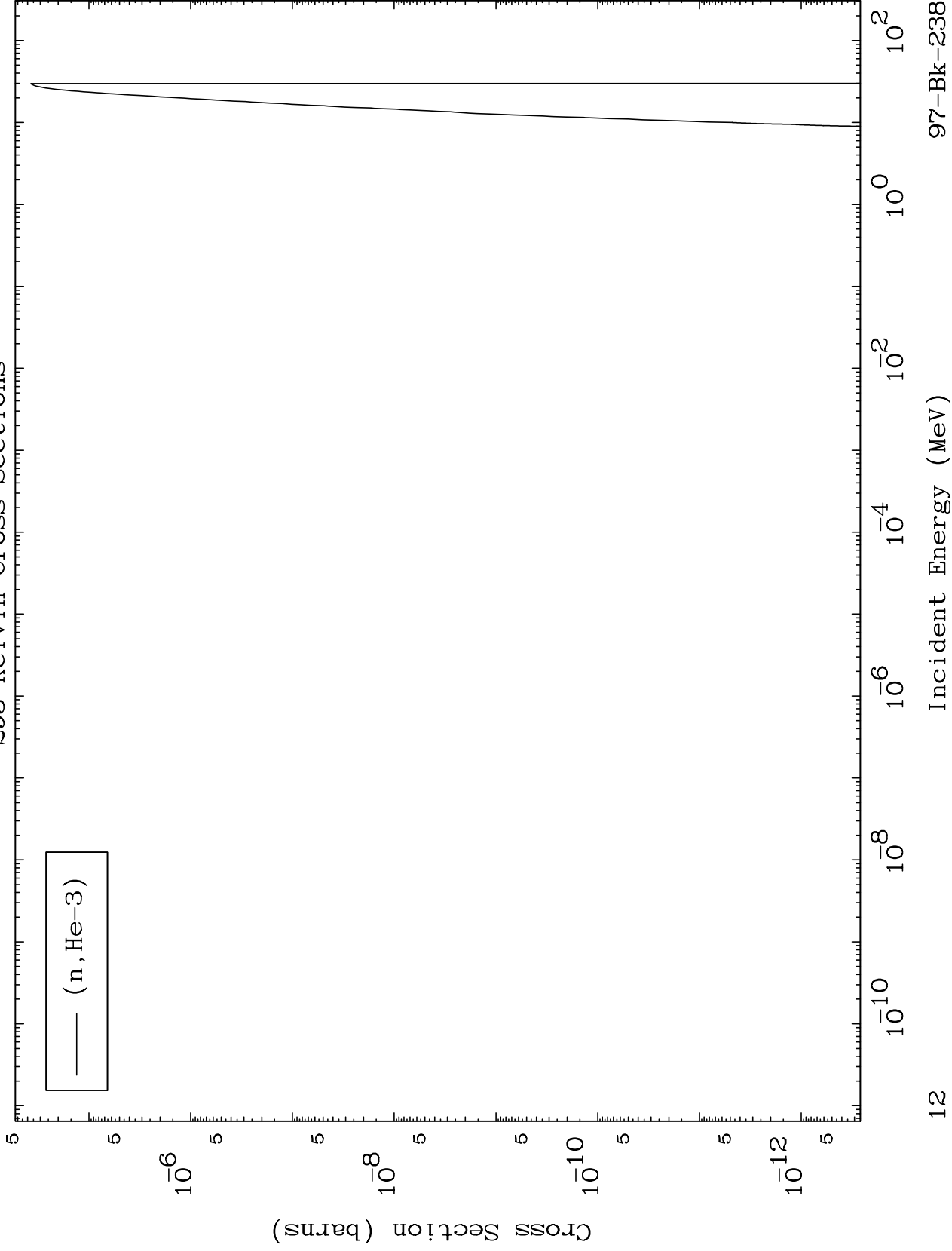
97-Bk-238



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(n,He3) Levels  
293 Kelvin Cross Sections

97-Bk-238

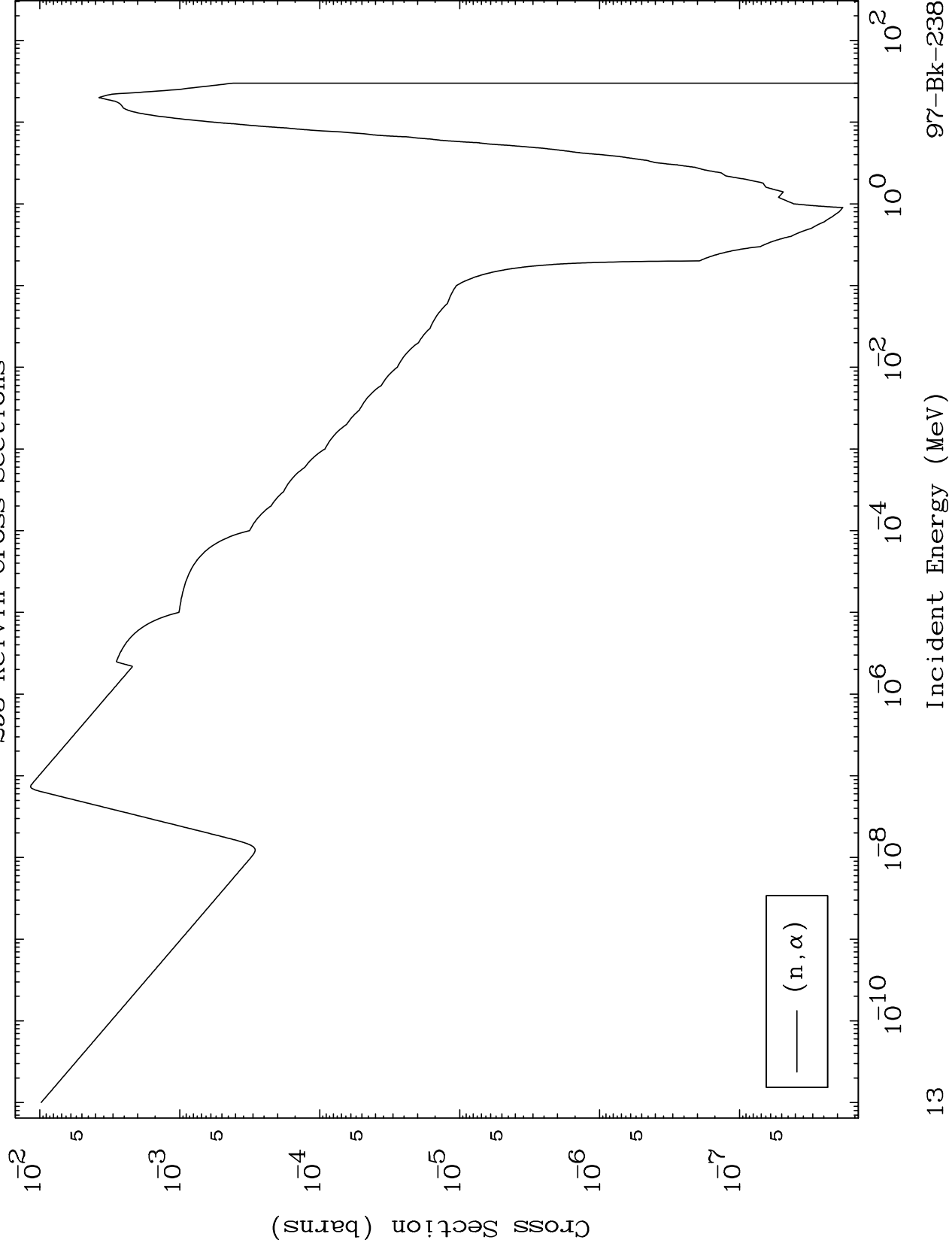


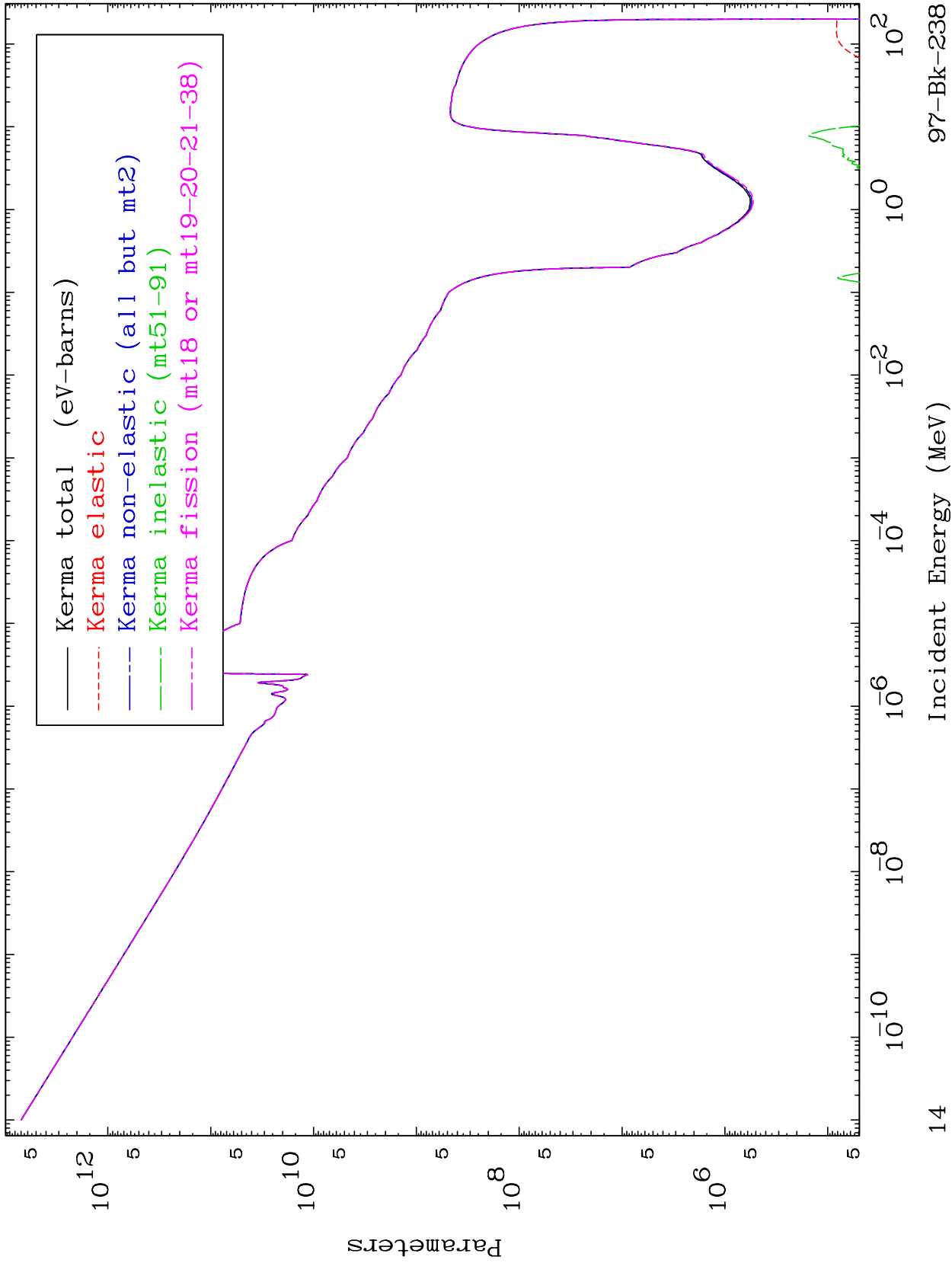
12

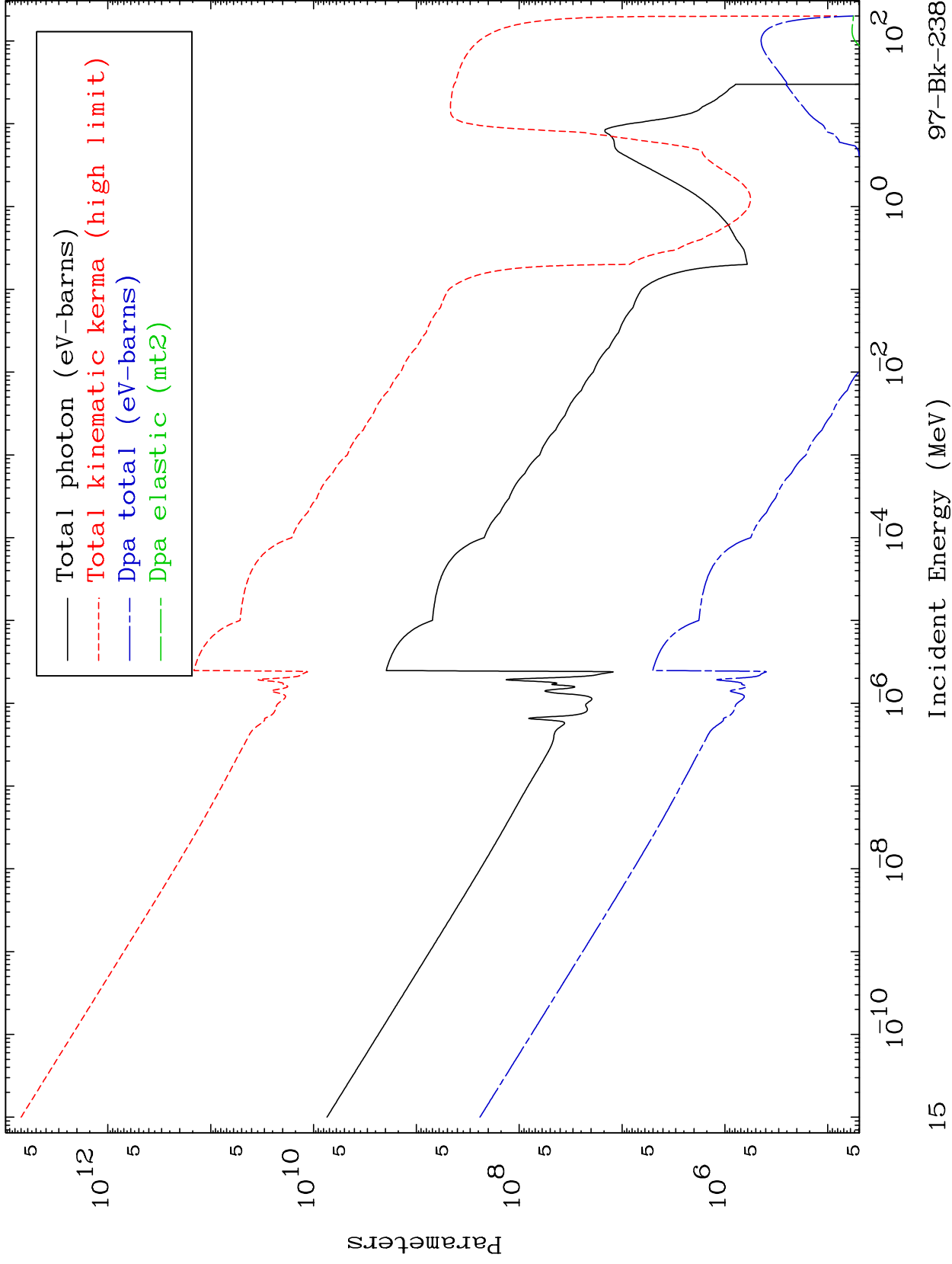
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

97-Bk-238





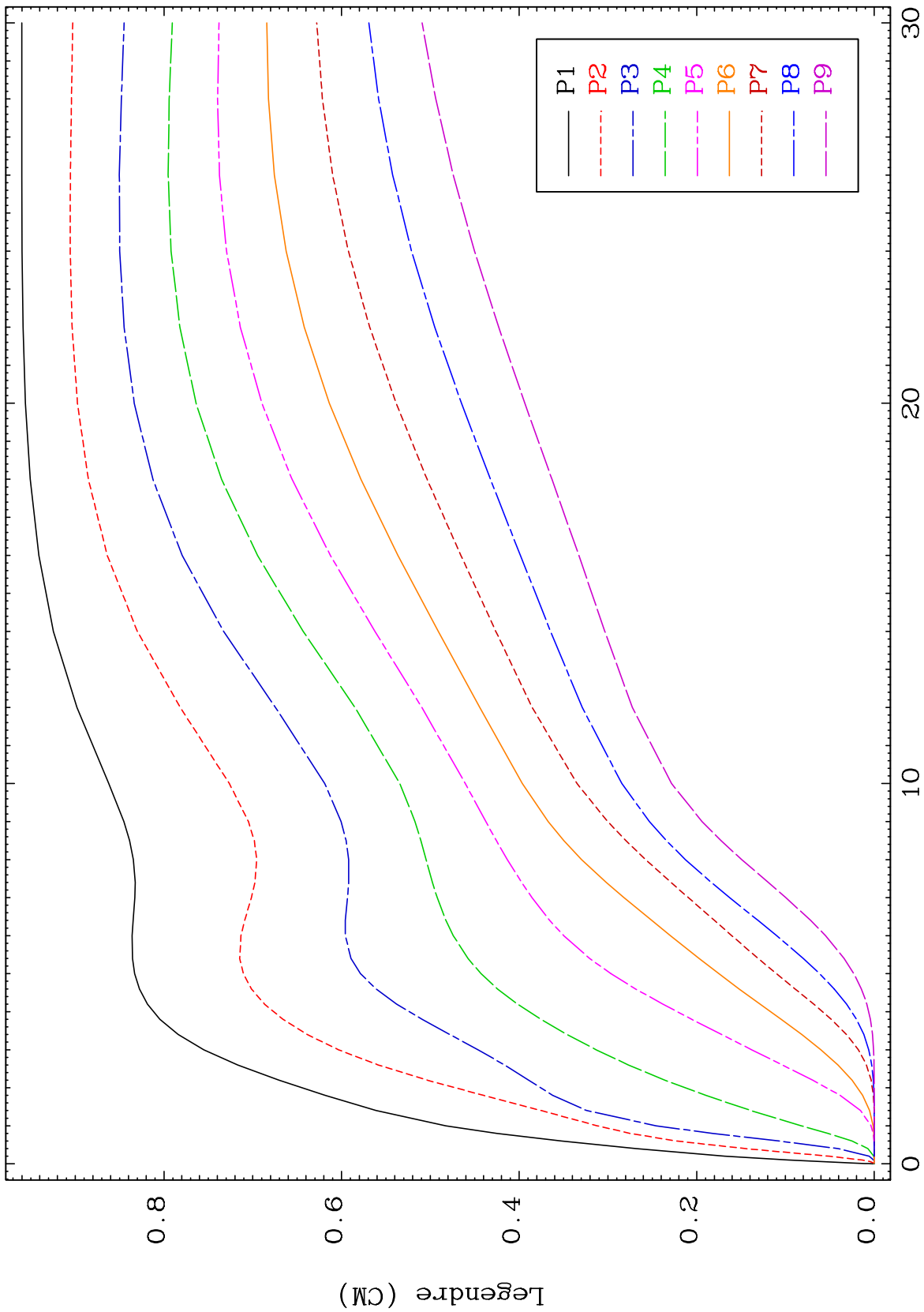




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97-Bk-238

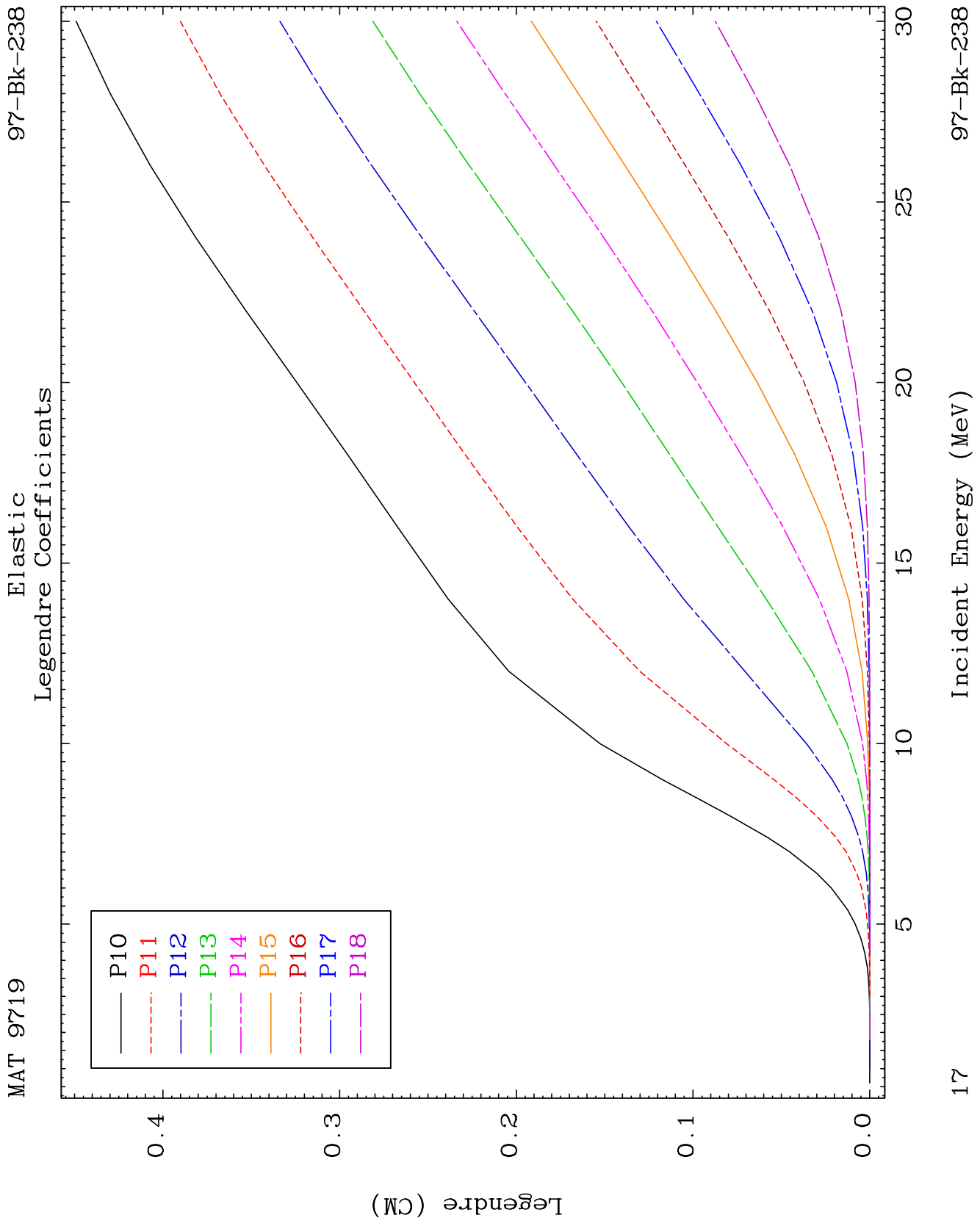
Elastic Legendre Coefficients



97-Bk-238

Incident Energy (MeV)

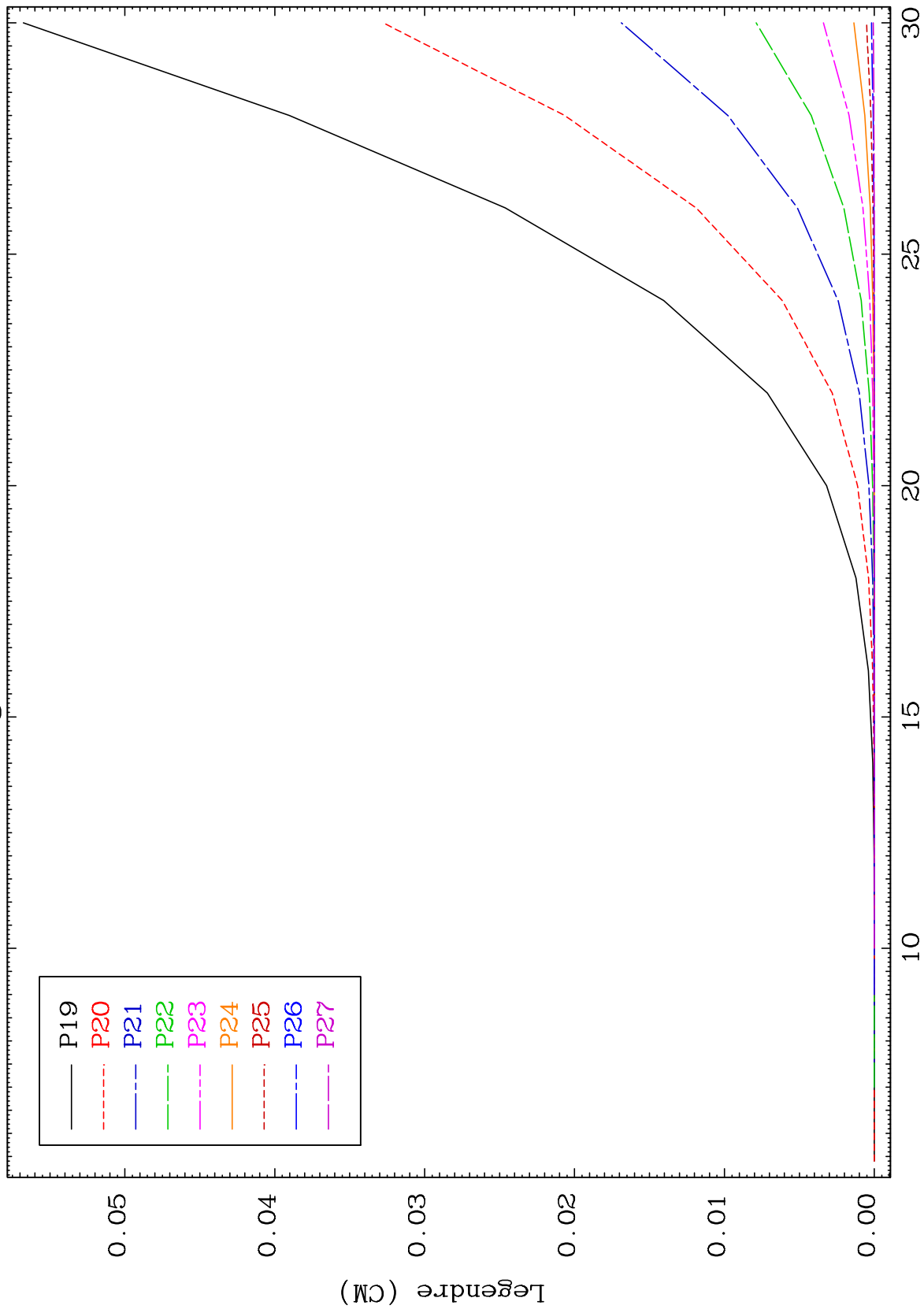
16



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### Elastic Legendre Coefficients

97-Bk-238



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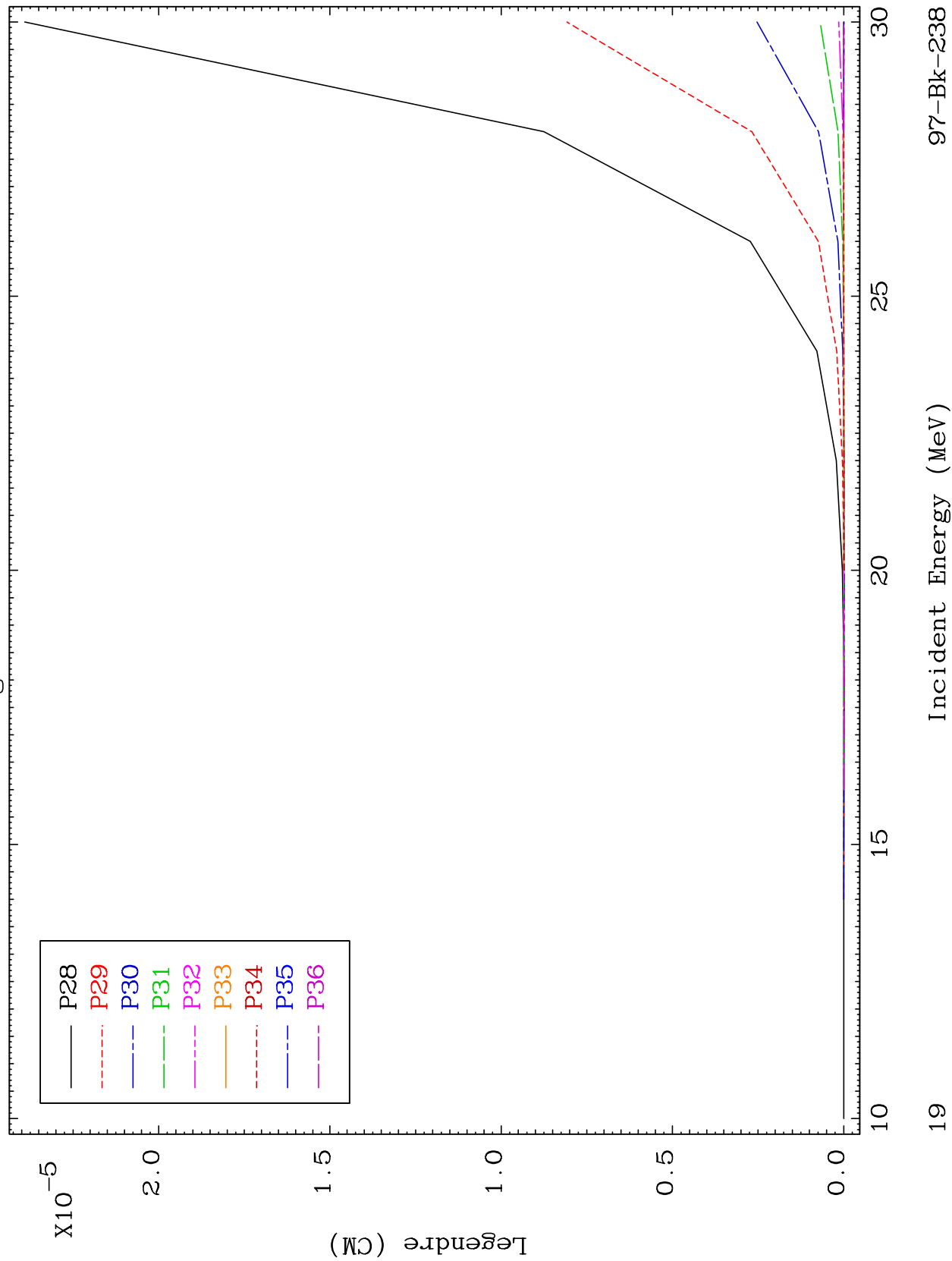
Incident Energy (MeV)

97-Bk-238

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Elastic Legendre Coefficients

97-Bk-238

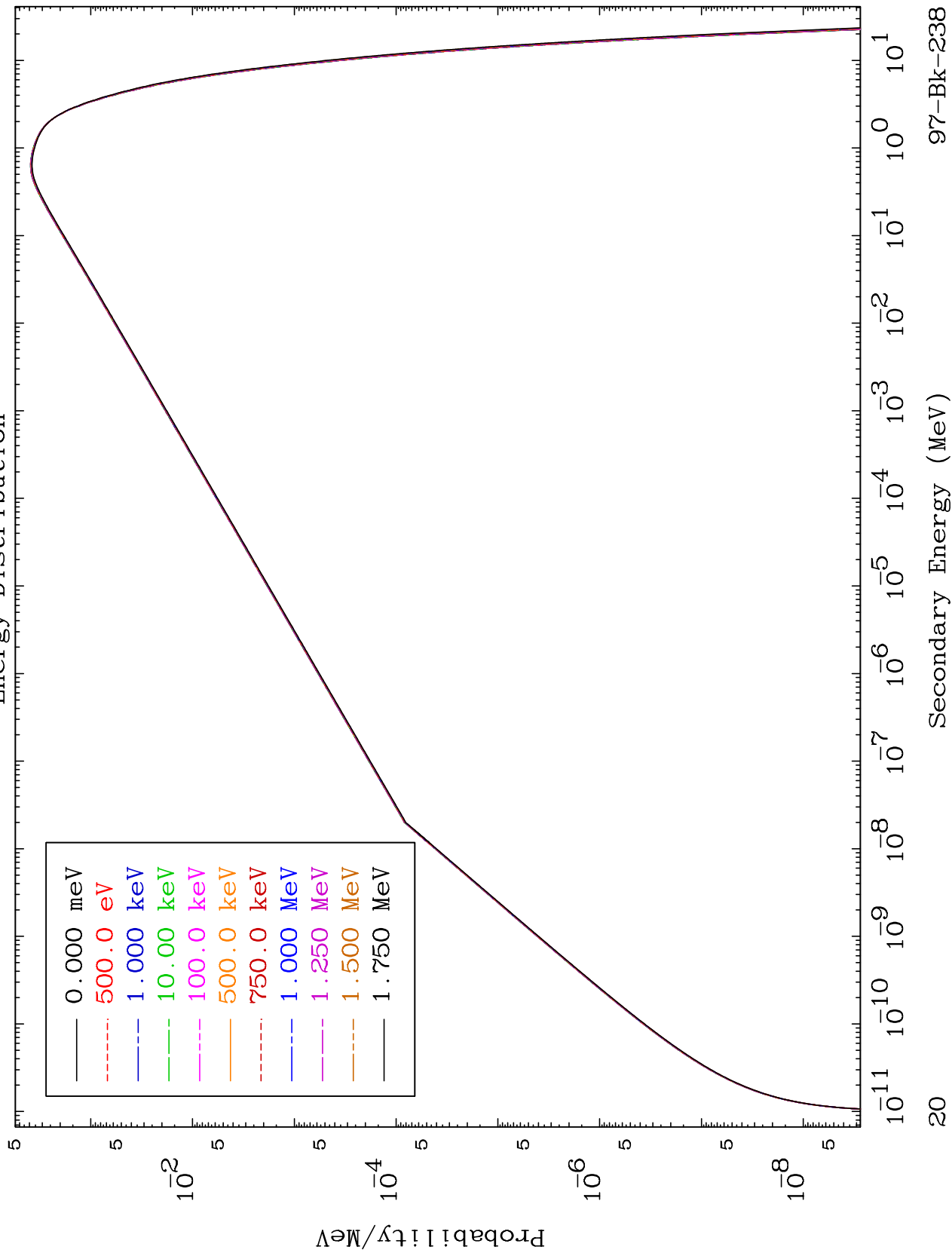


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Incident Energy (MeV)

97-Bk-238

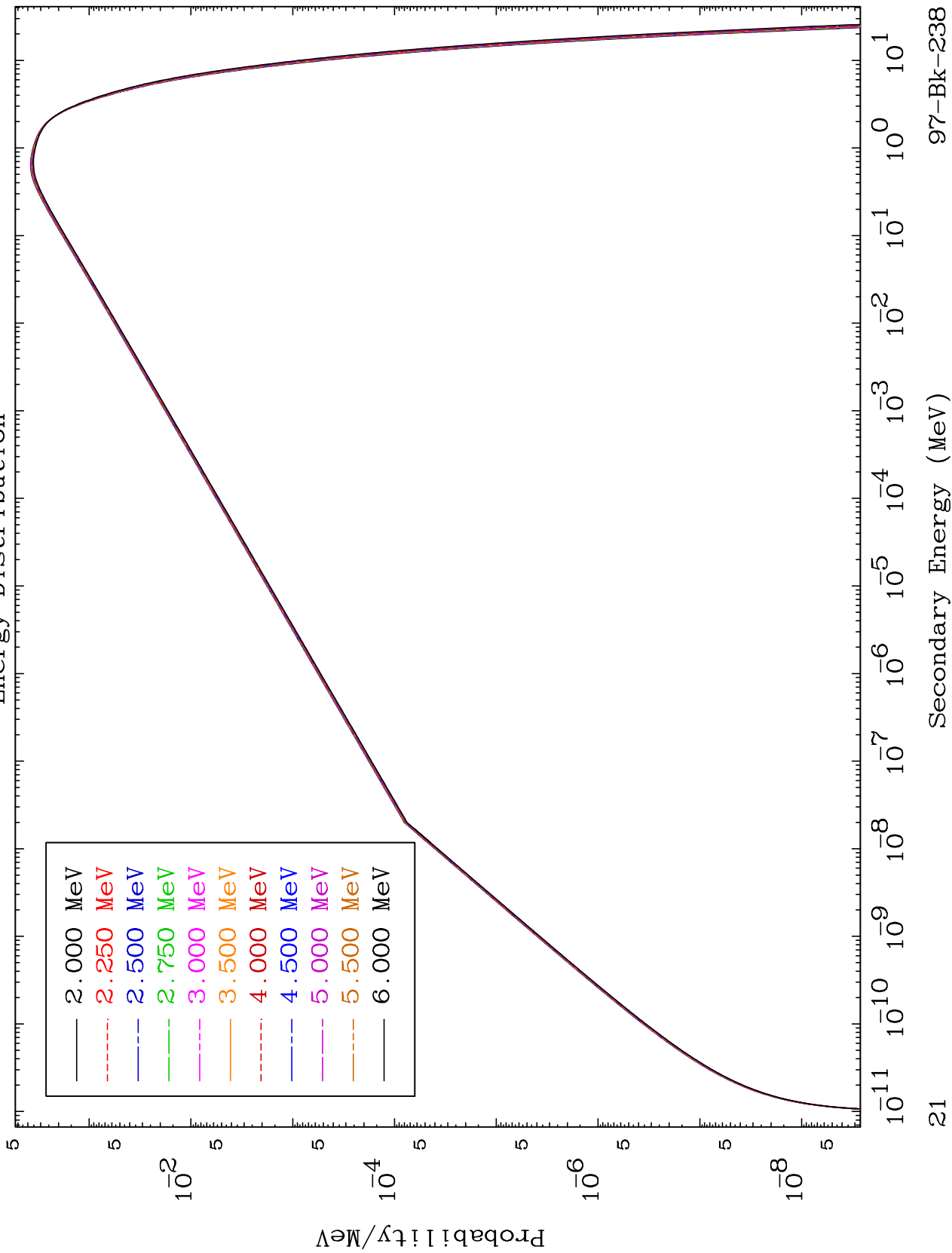
Fission Energy Distribution



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Fission  
Energy Distribution

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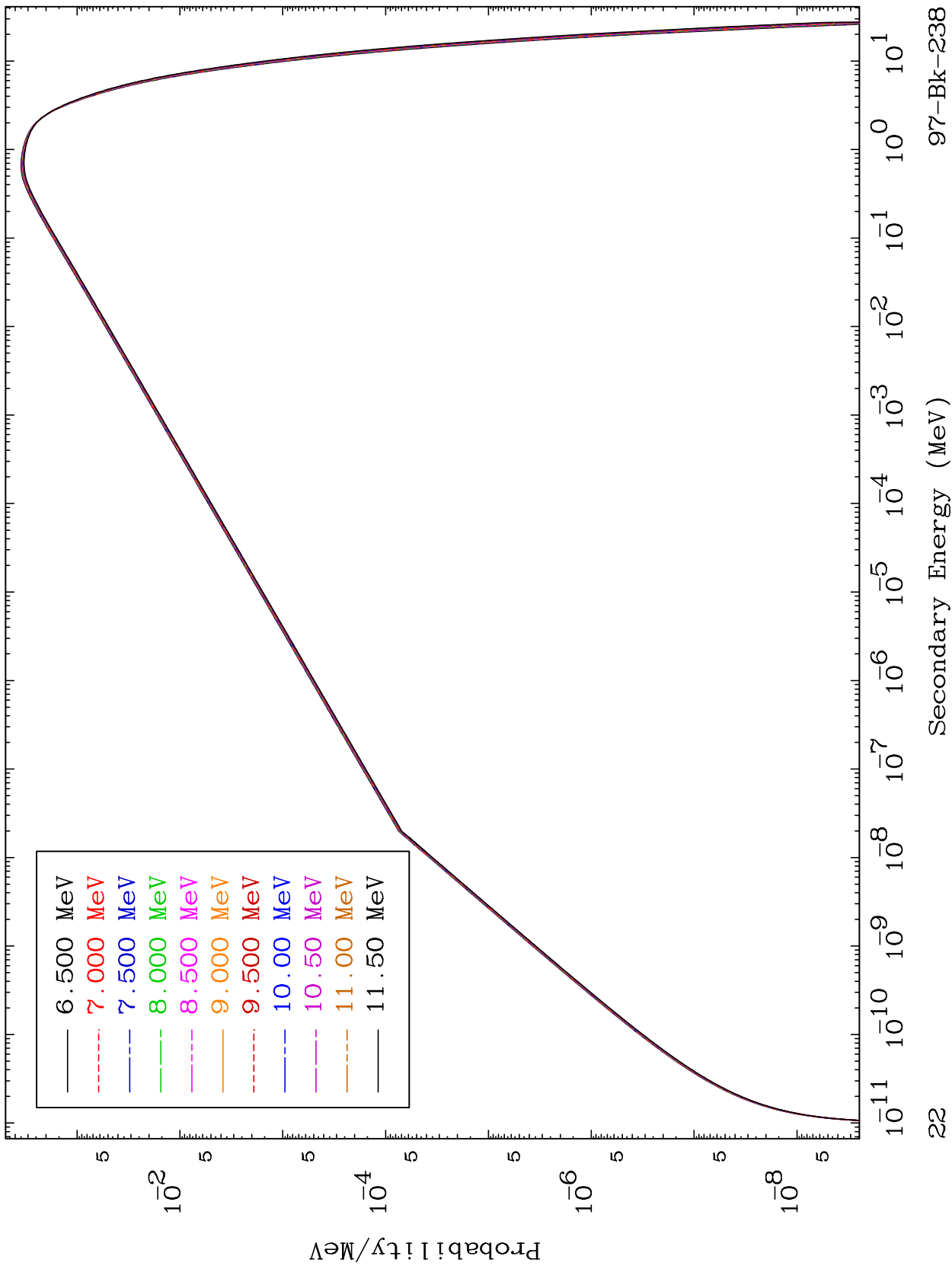


97-Bk-238

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### Fission Energy Distribution

97-Bk-238



97-Bk-238

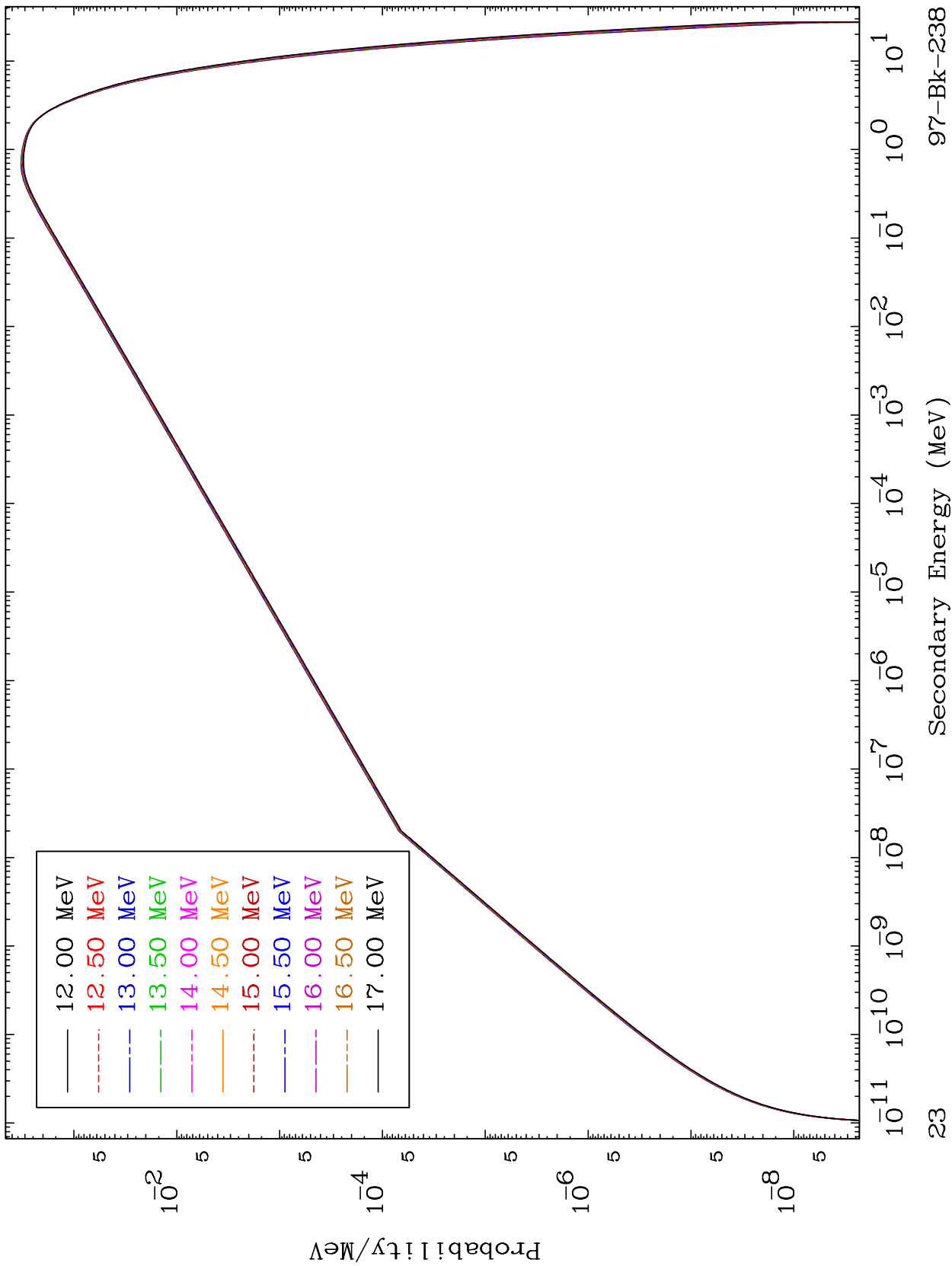
Secondary Energy (MeV)

22

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### Fission Energy Distribution

97-Bk-238



97-Bk-238

Secondary Energy (MeV)

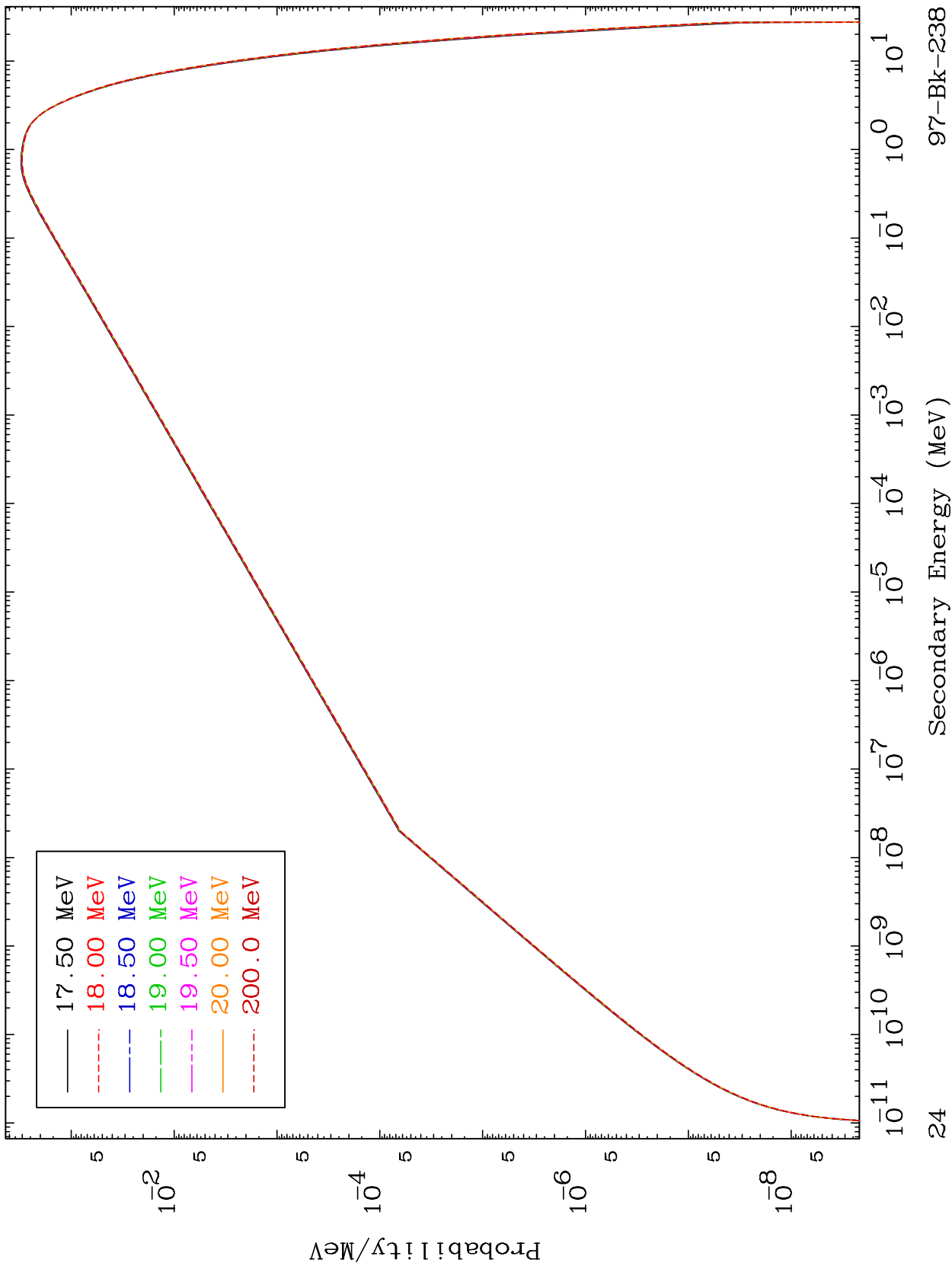
23



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### Fission Energy Distribution

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- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

97-Bk-238

Secondary Energy (MeV)

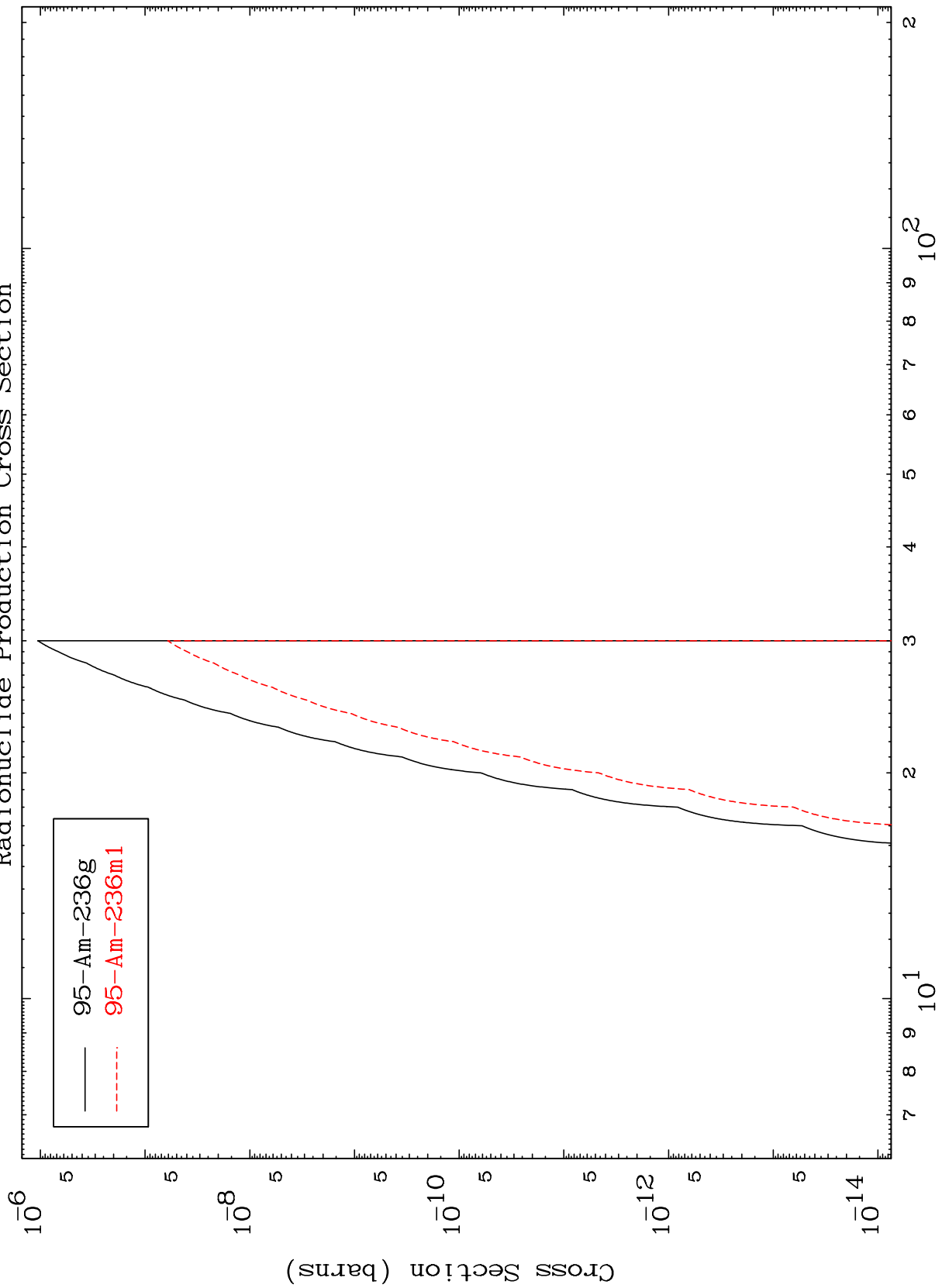
24

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(n,2n) p

97-Bk-238

Radionuclide Production Cross Section



95-Am-236g  
95-Am-236m1

25

Incident Energy (MeV)

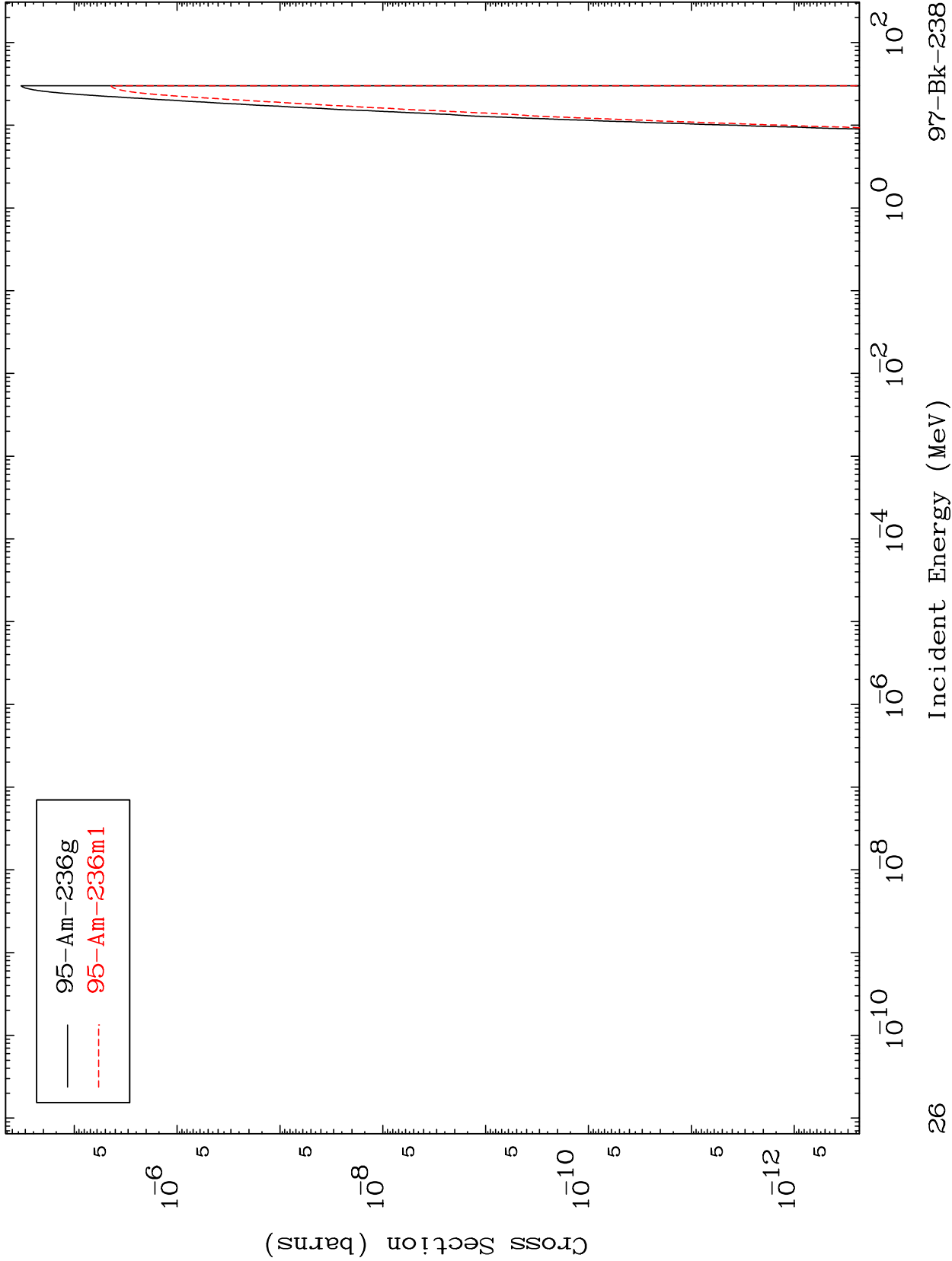
97-Bk-238

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(n,He-3)

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Radionuclide Production Cross Section

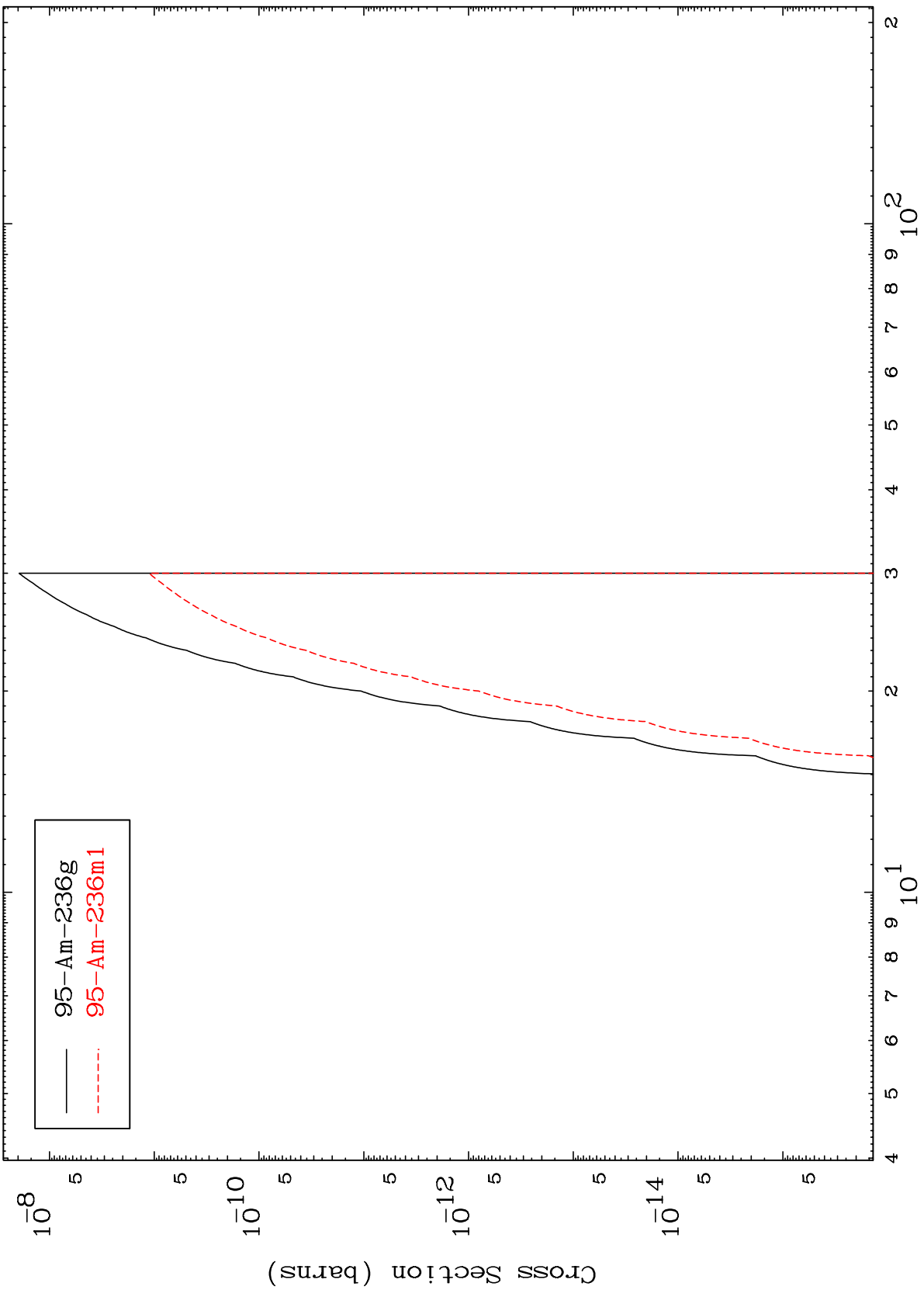


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(n,p) d

97-Bk-238

Radionuclide Production Cross Section



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Incident Energy (MeV)

97-Bk-238