

Program EVALPLOT  
(Version 2021-1)

by

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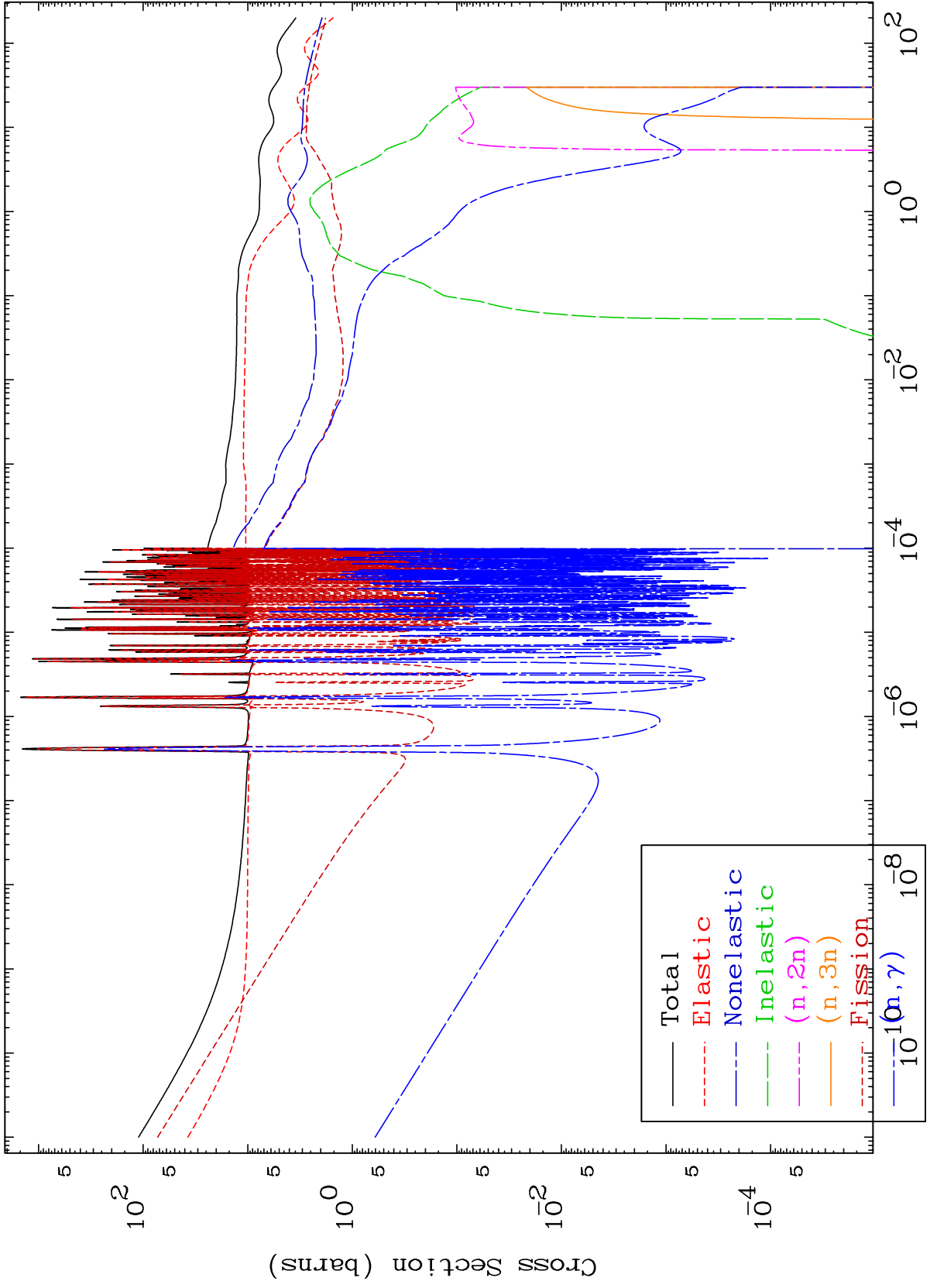
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9750

Neutron Major  
293 Kelvin Cross Sections

97-Bk-248m



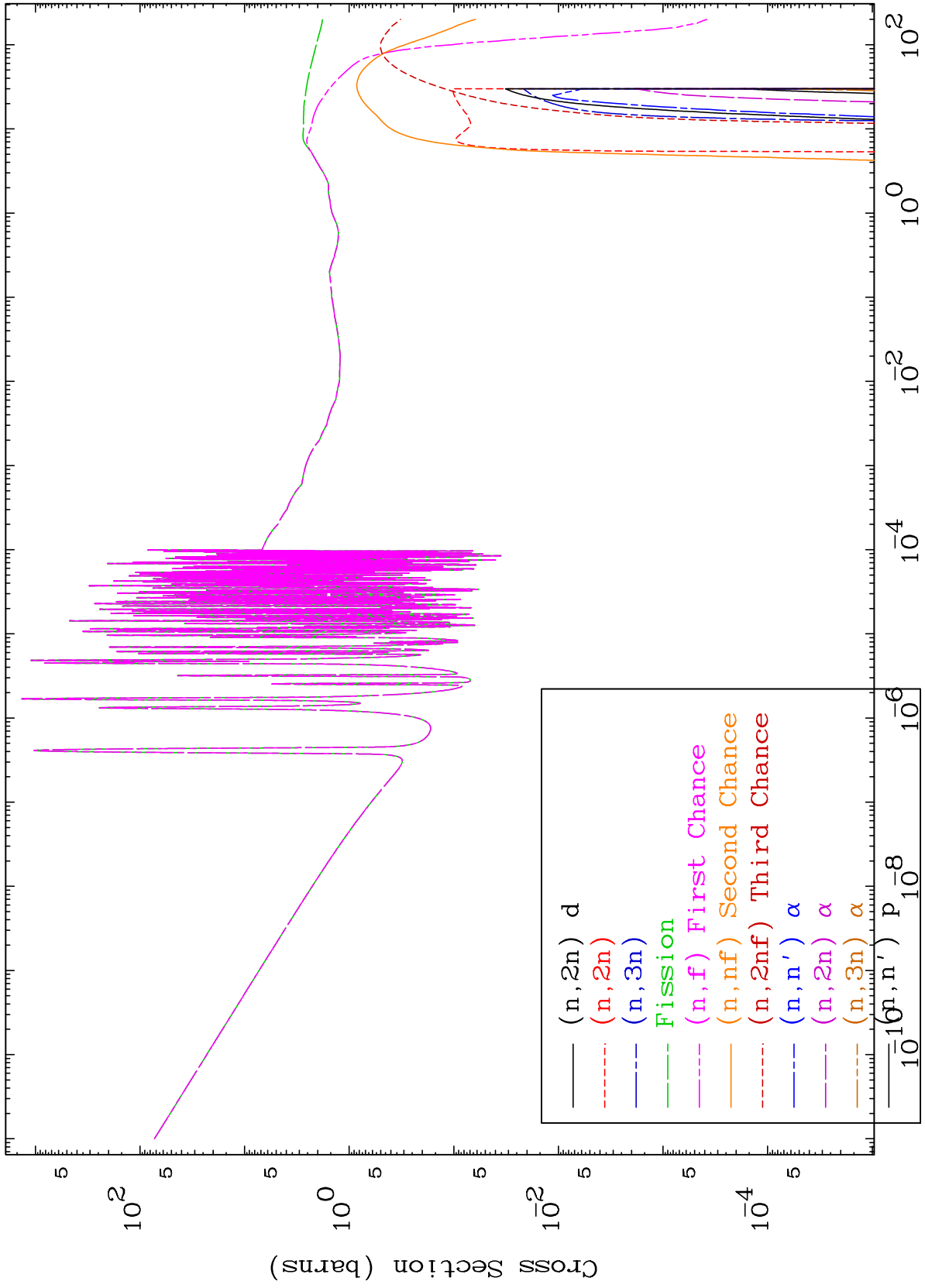
Incident Energy (MeV)

97-Bk-248m

MAT 9750

Neutron Absorption  
293 Kelvin Cross Sections

97-Bk-248m



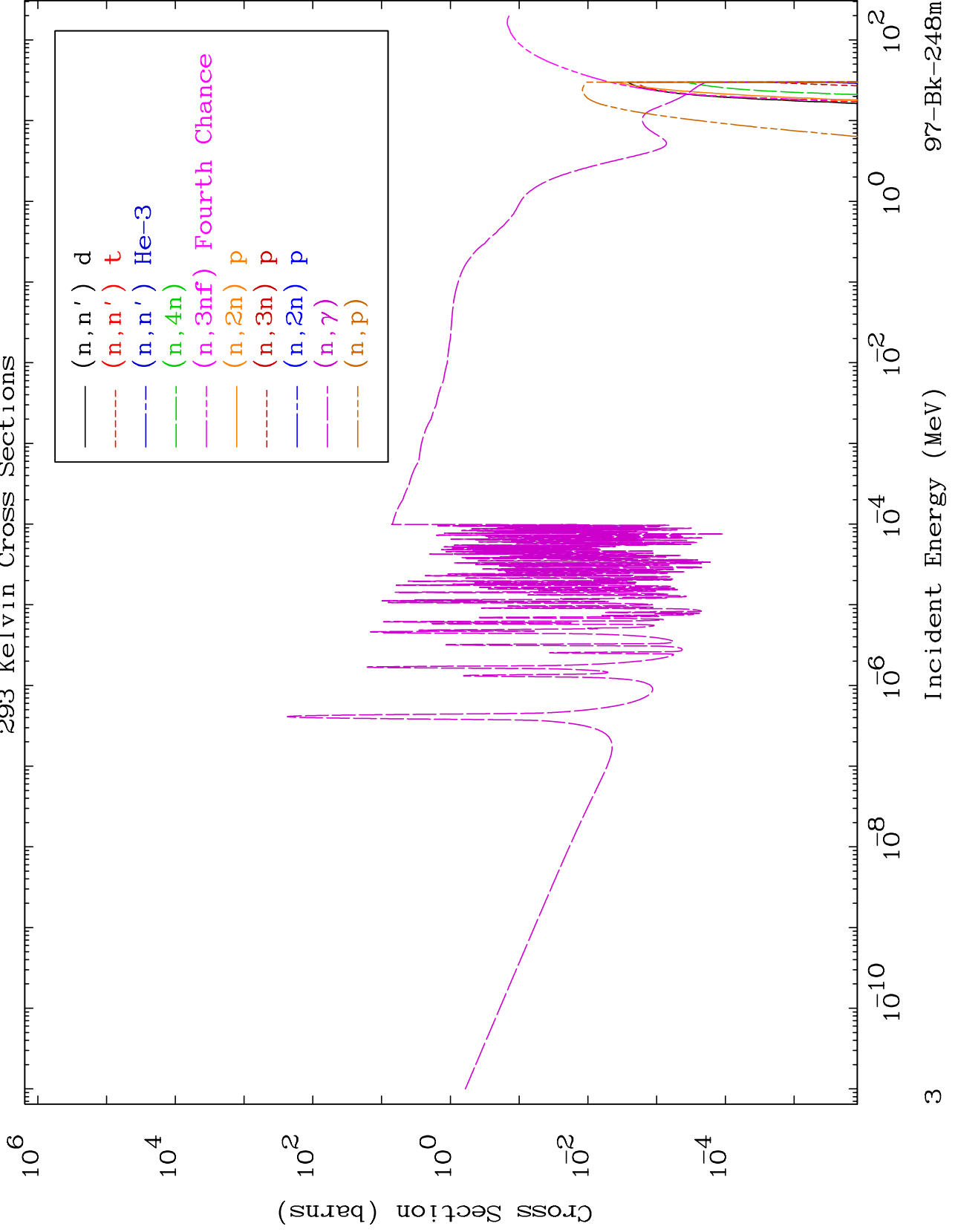
97-Bk-248m

Incident Energy (MeV)

MAT 9750

Neutron Absorption  
293 Kelvin Cross Sections

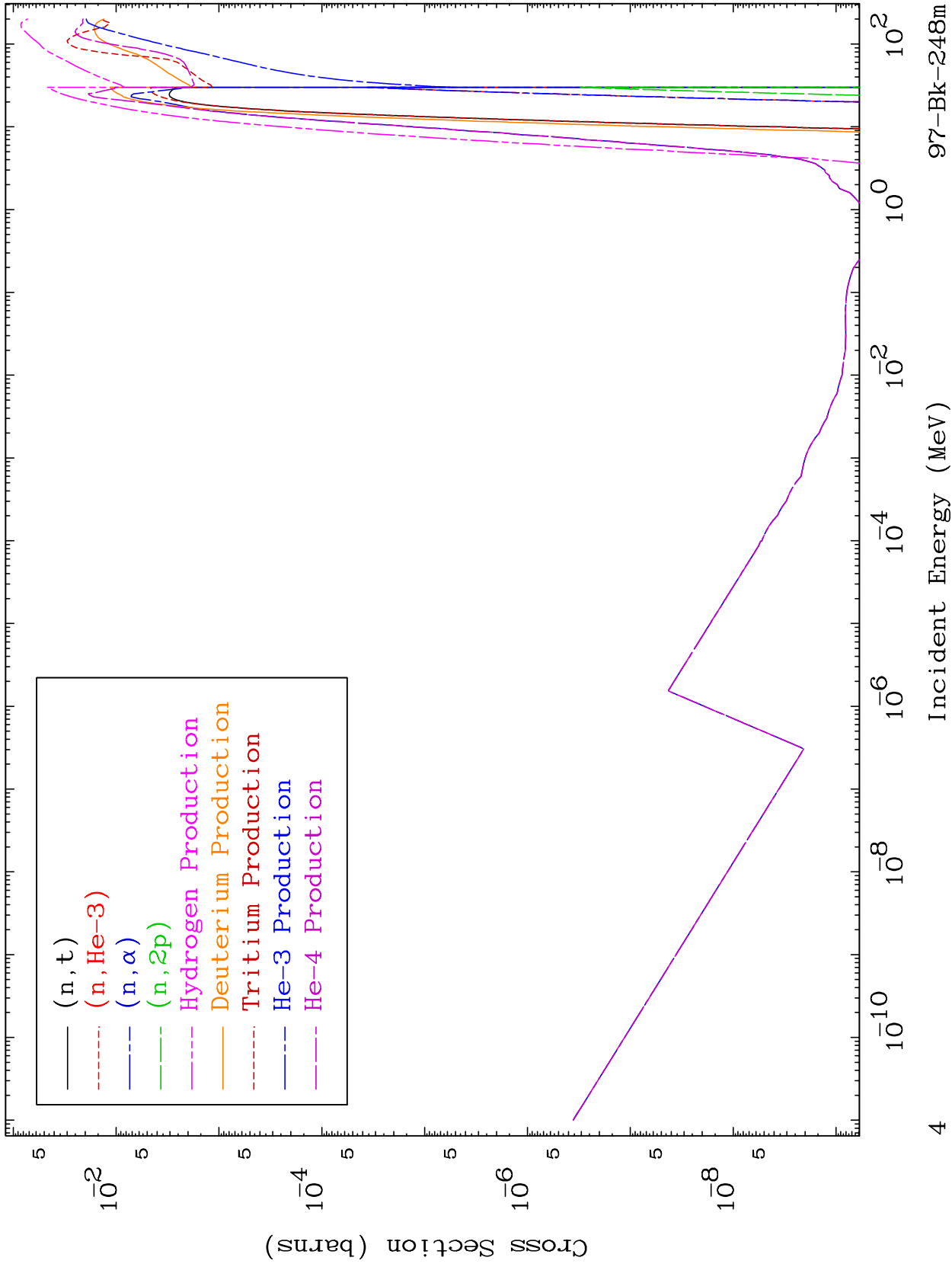
97-Bk-248m



MAT 9750

Neutron Absorption  
293 Kelvin Cross Sections

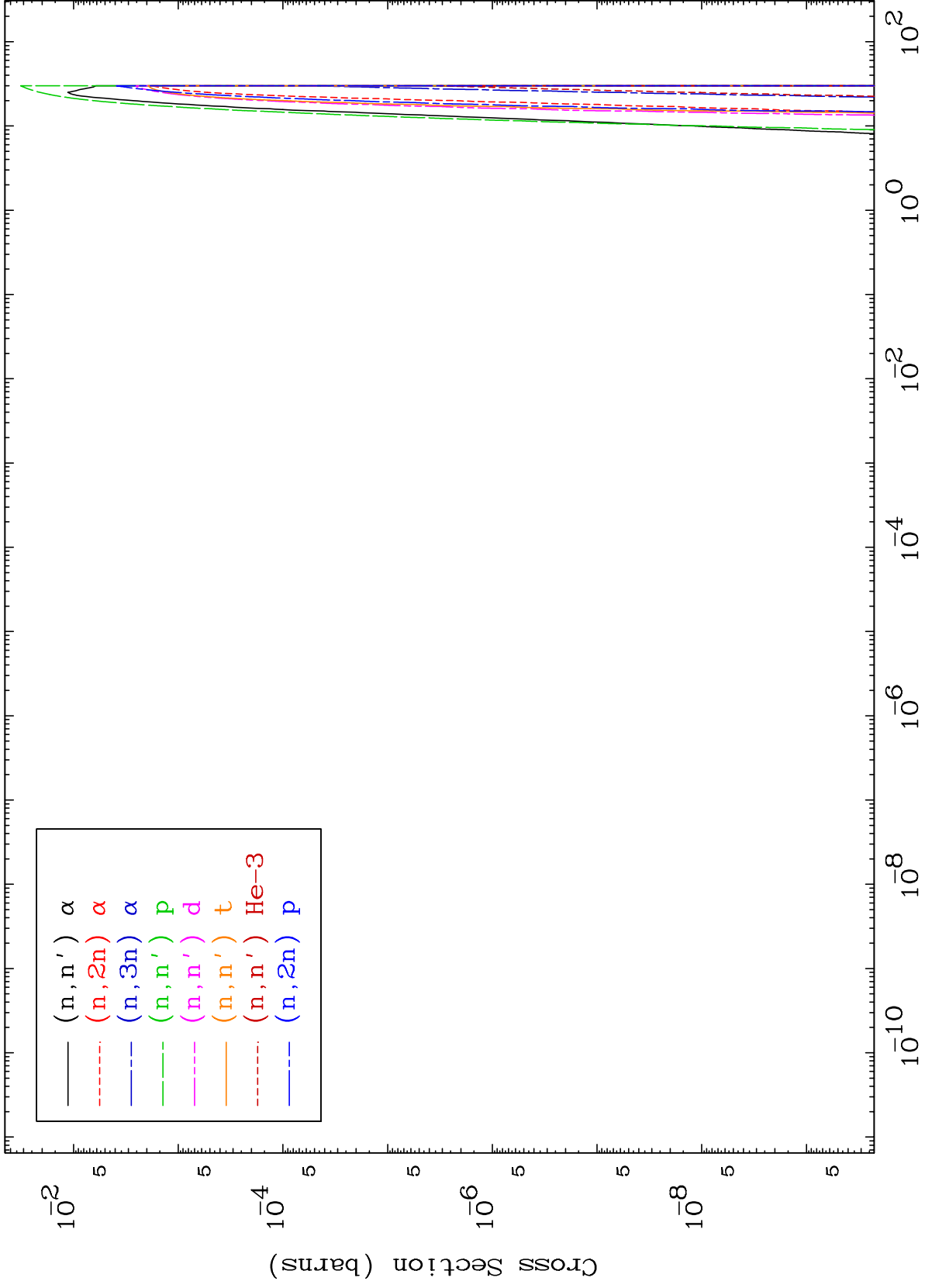
97-Bk-248m



MAT 9750

Charged Particle  
293 Kelvin Cross Sections

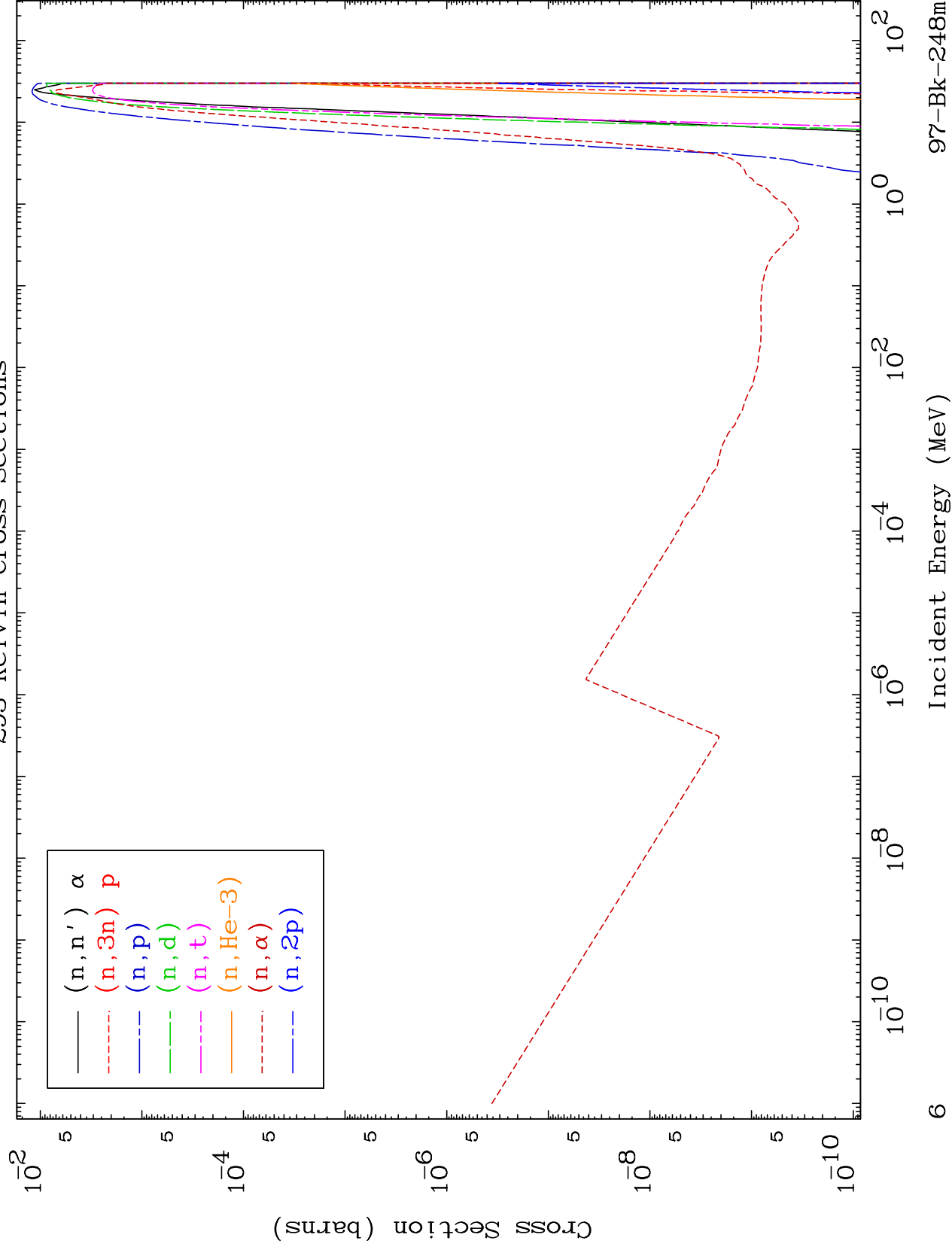
97-Bk-248m



MAT 9750

Charged Particle  
293 Kelvin Cross Sections

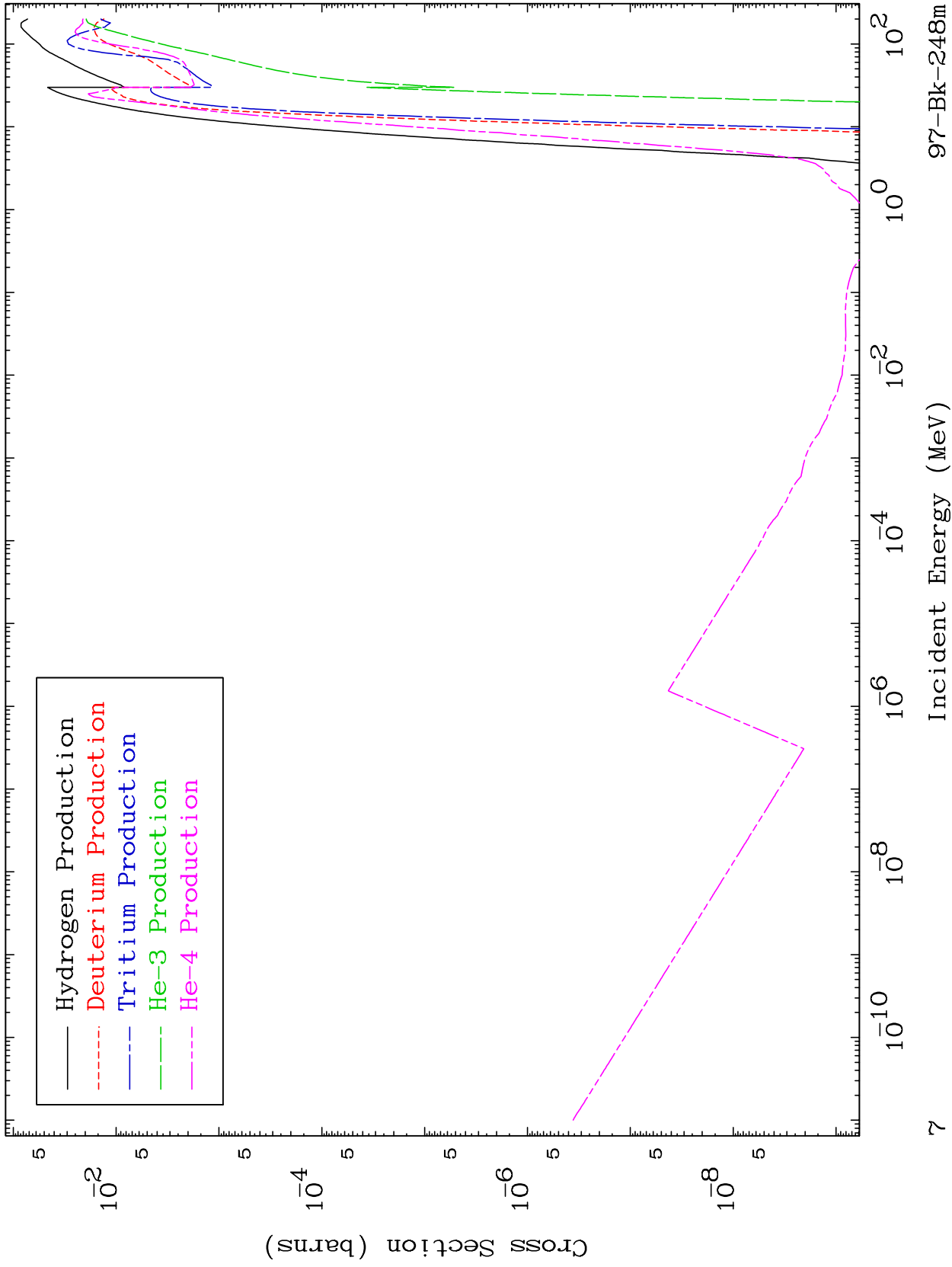
97-Bk-248m



MAT 9750

Particle Production  
293 Kelvin Cross Sections

97-Bk-248m

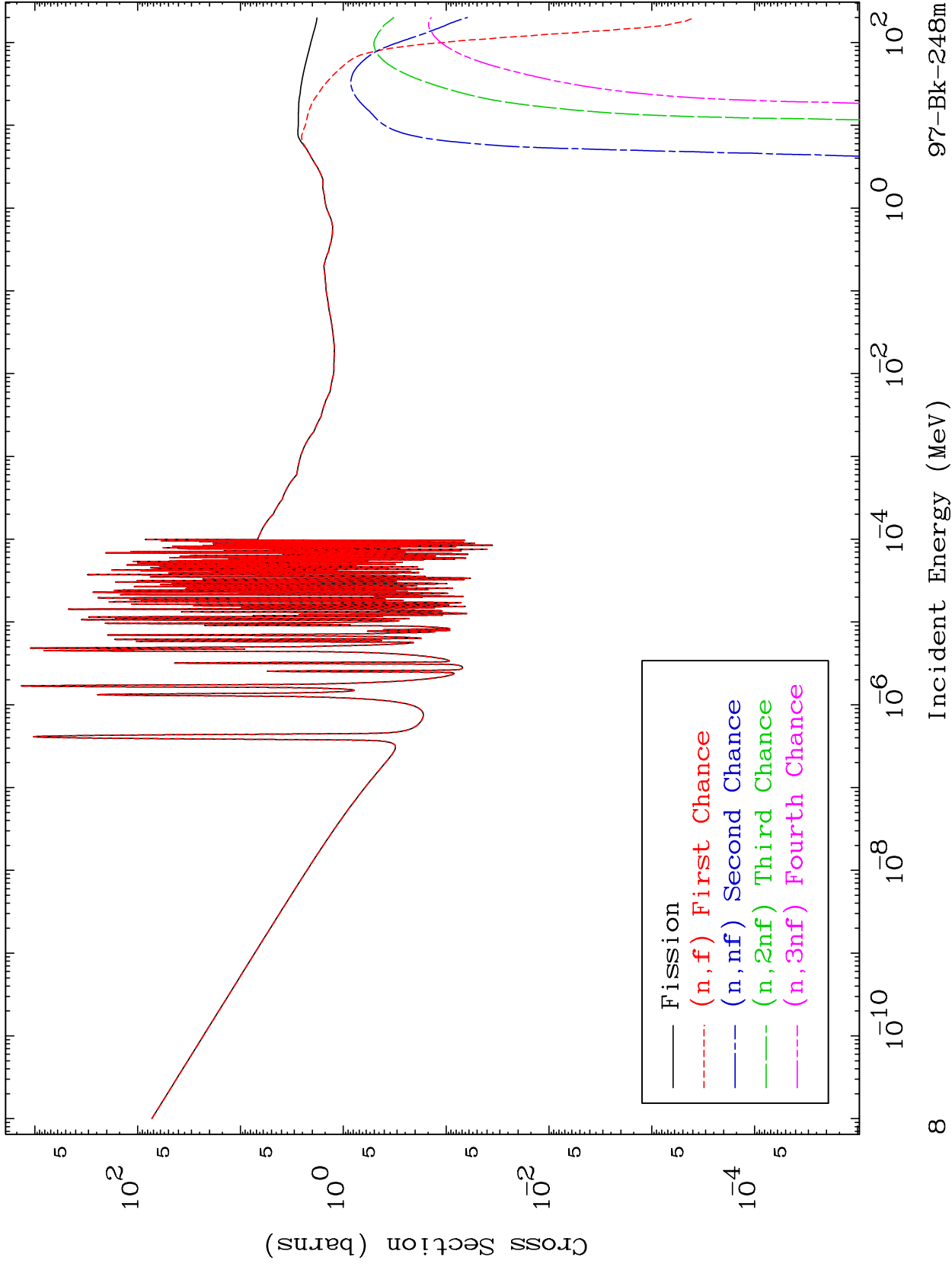




MAT 9750

Fission  
293 Kelvin Cross Sections

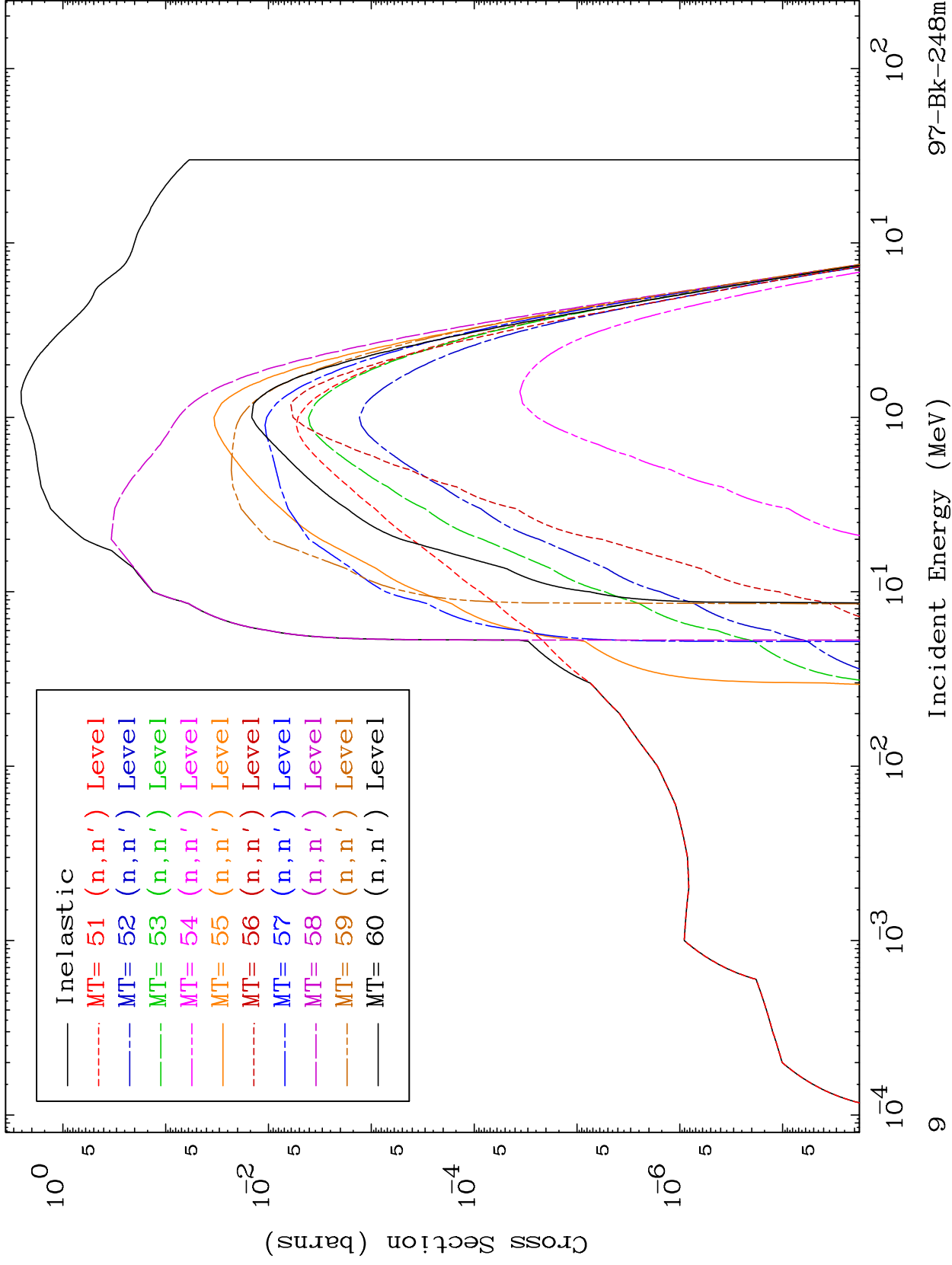
97-Bk-248m



MAT 9750

(n,n') Levels  
293 Kelvin Cross Sections

97-Bk-248m

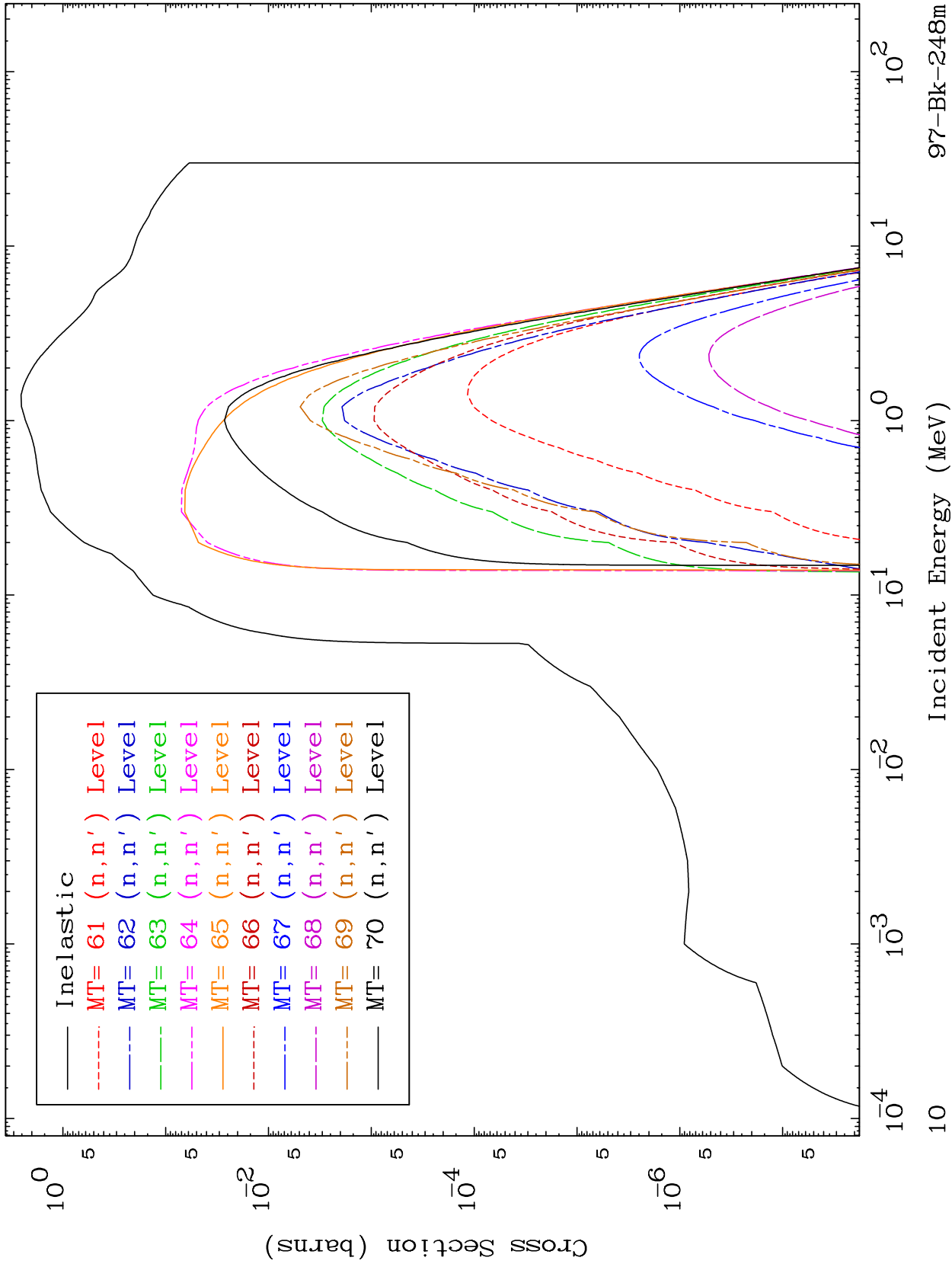


- Inelastic
- - - MT= 51 (n,n') Level
- . - MT= 52 (n,n') Level
- - - MT= 53 (n,n') Level
- . - MT= 54 (n,n') Level
- - - MT= 55 (n,n') Level
- . - MT= 56 (n,n') Level
- - - MT= 57 (n,n') Level
- . - MT= 58 (n,n') Level
- - - MT= 59 (n,n') Level
- - - MT= 60 (n,n') Level

MAT 9750

(n,n') Levels  
293 Kelvin Cross Sections

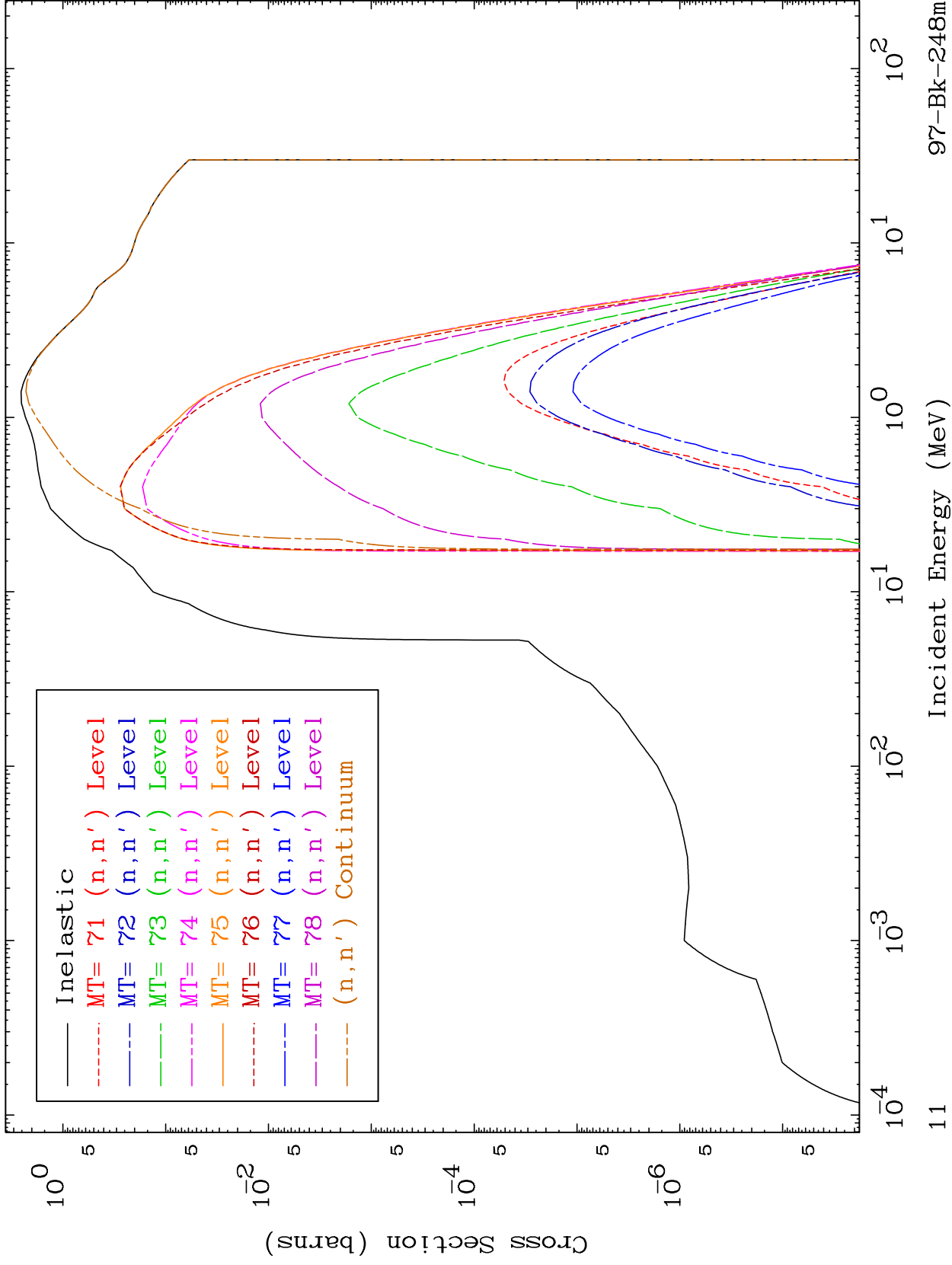
97-Bk-248m



MAT 9750

293 Kelvin Cross Sections  
(n,n') Levels

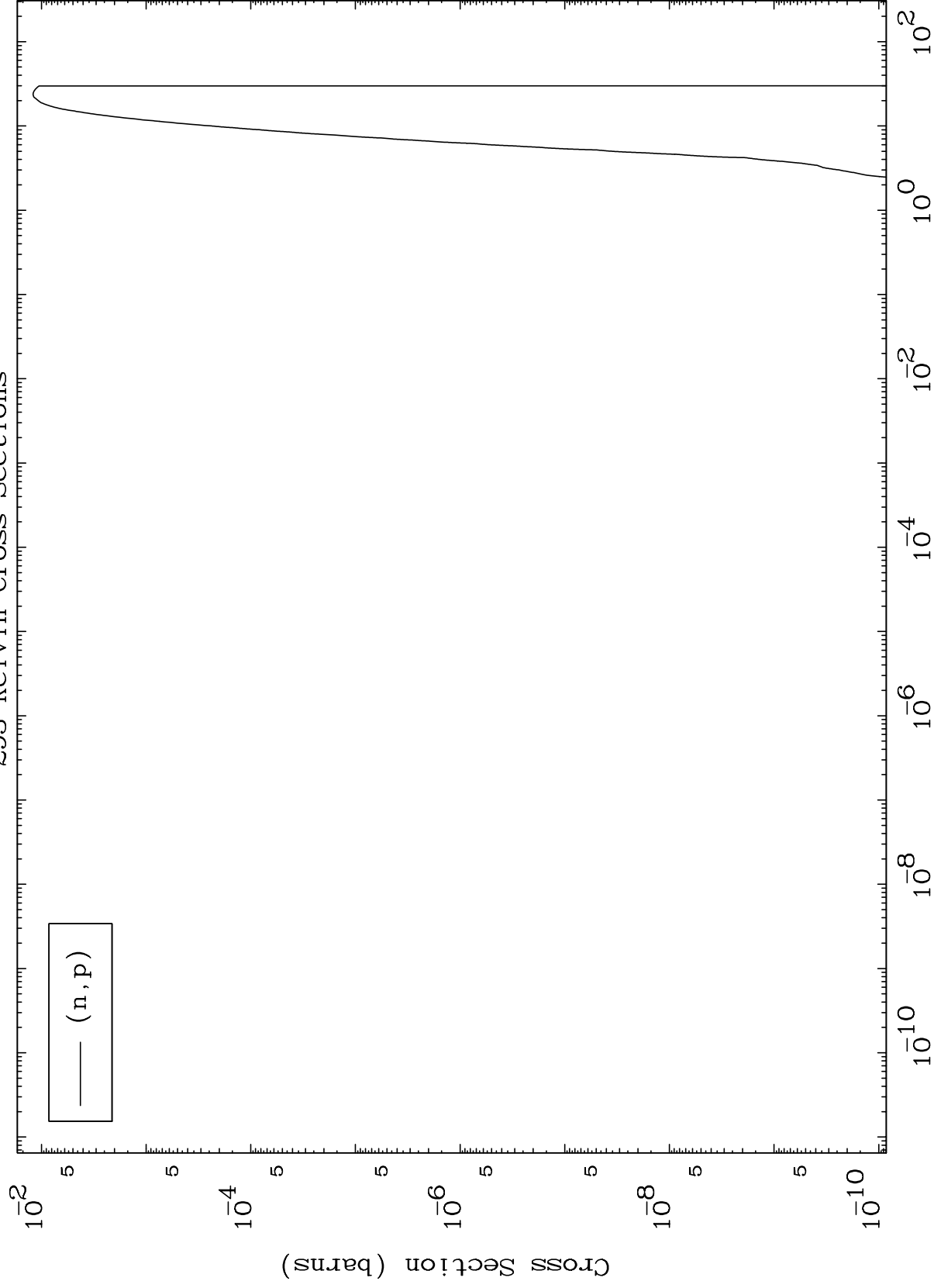
97-Bk-248m



MAT 9750

(n,p) Levels  
293 Kelvin Cross Sections

97-Bk-248m



12

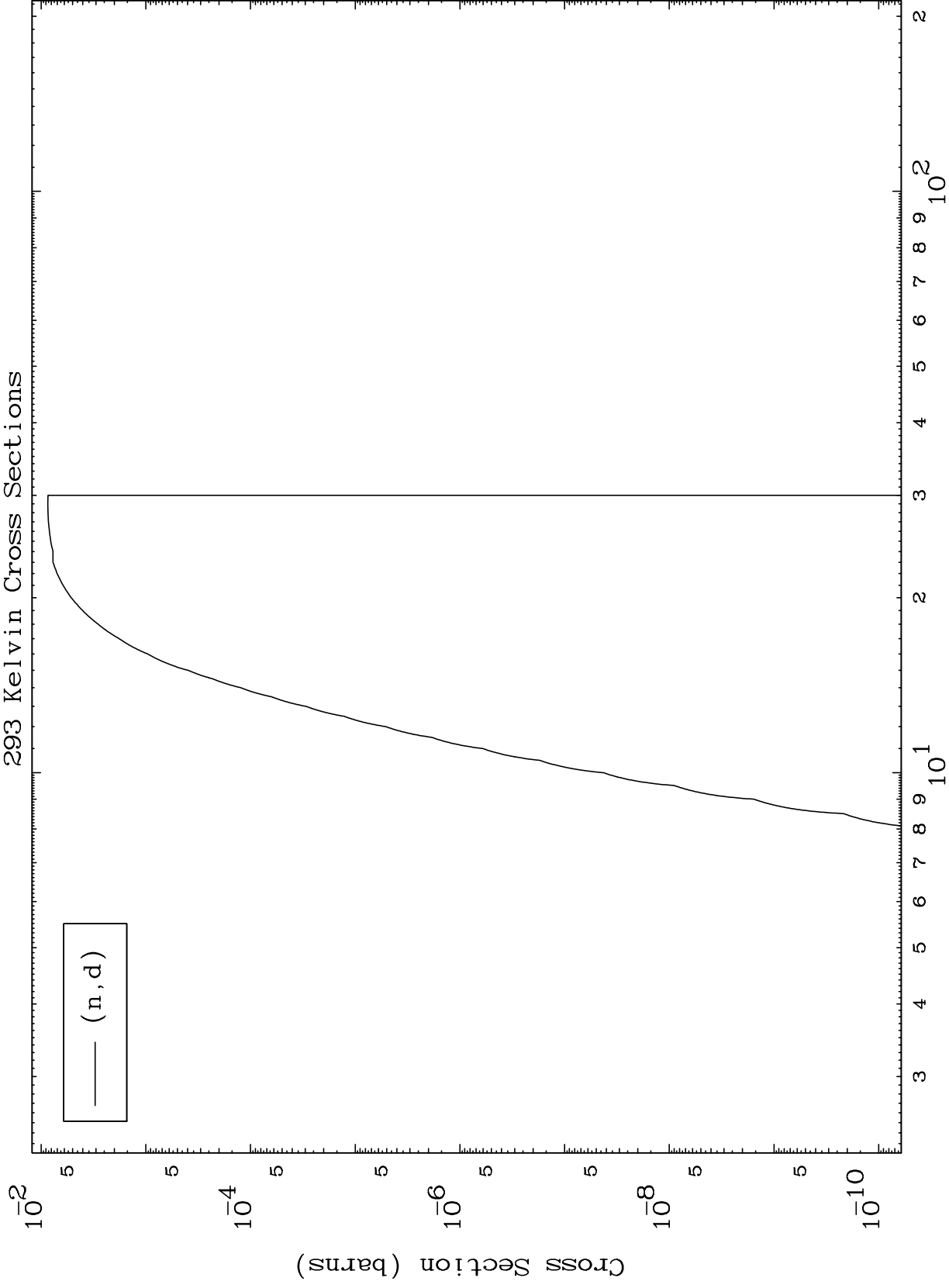
Incident Energy (MeV)

97-Bk-248m

MAT 9750

(n,d) Levels  
293 Kelvin Cross Sections

97-Bk-248m



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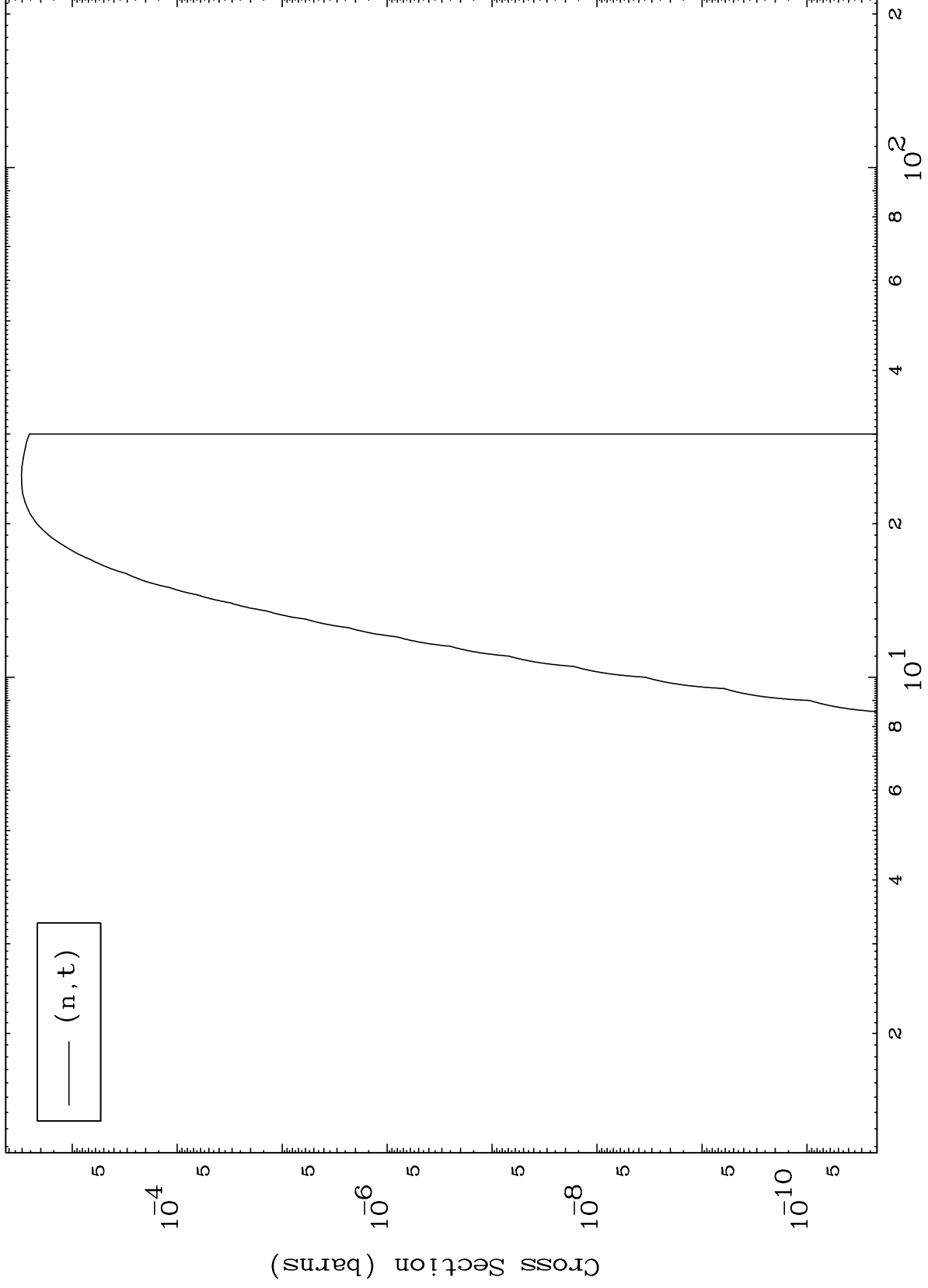
Incident Energy (MeV)

97-Bk-248m

MAT 9750

(n,t) Levels  
293 Kelvin Cross Sections

97-Bk-248m



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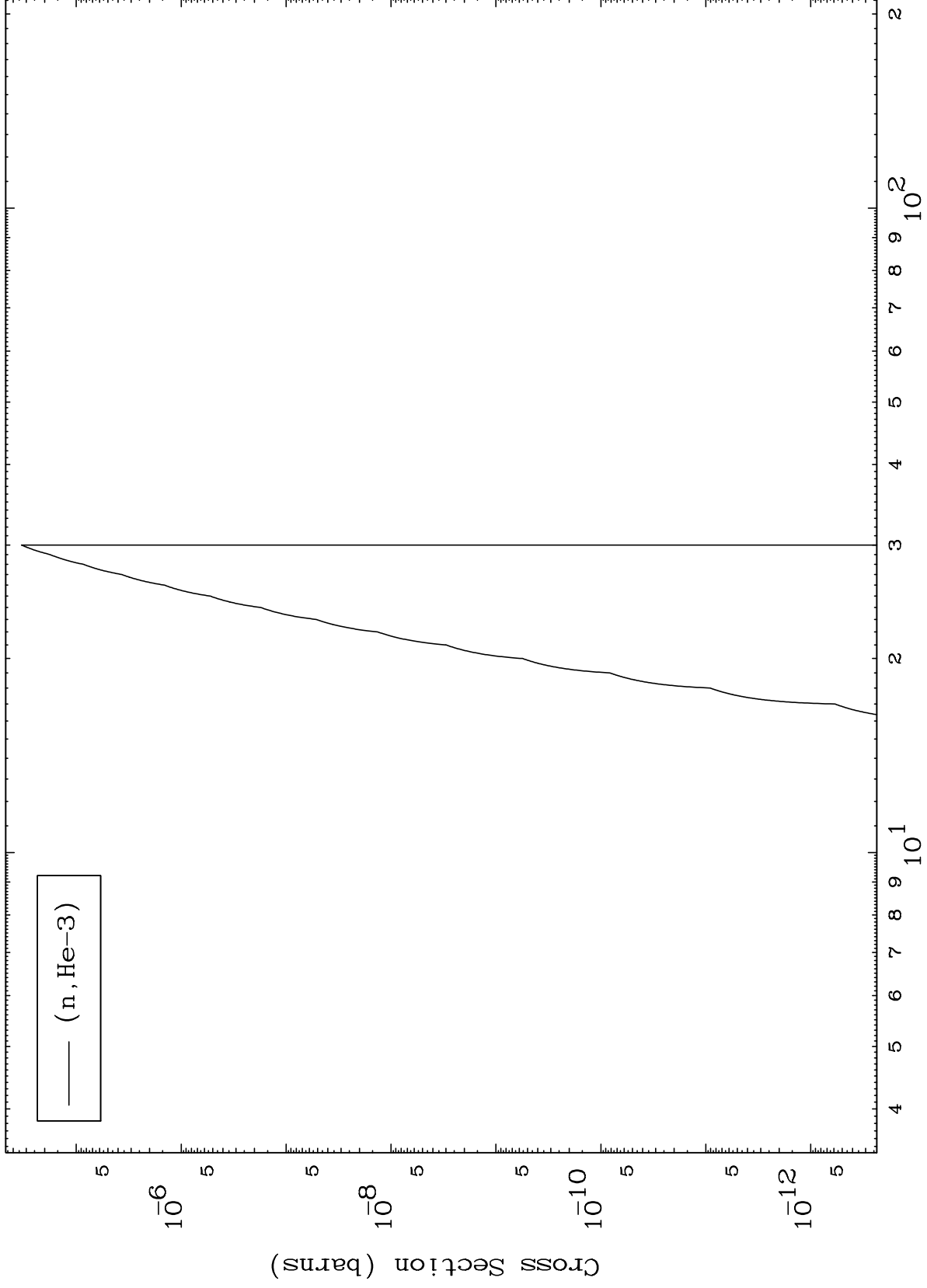
Incident Energy (MeV)

97-Bk-248m

MAT 9750

(n,He3) Levels  
293 Kelvin Cross Sections

97-Bk-248m



15

Incident Energy (MeV)

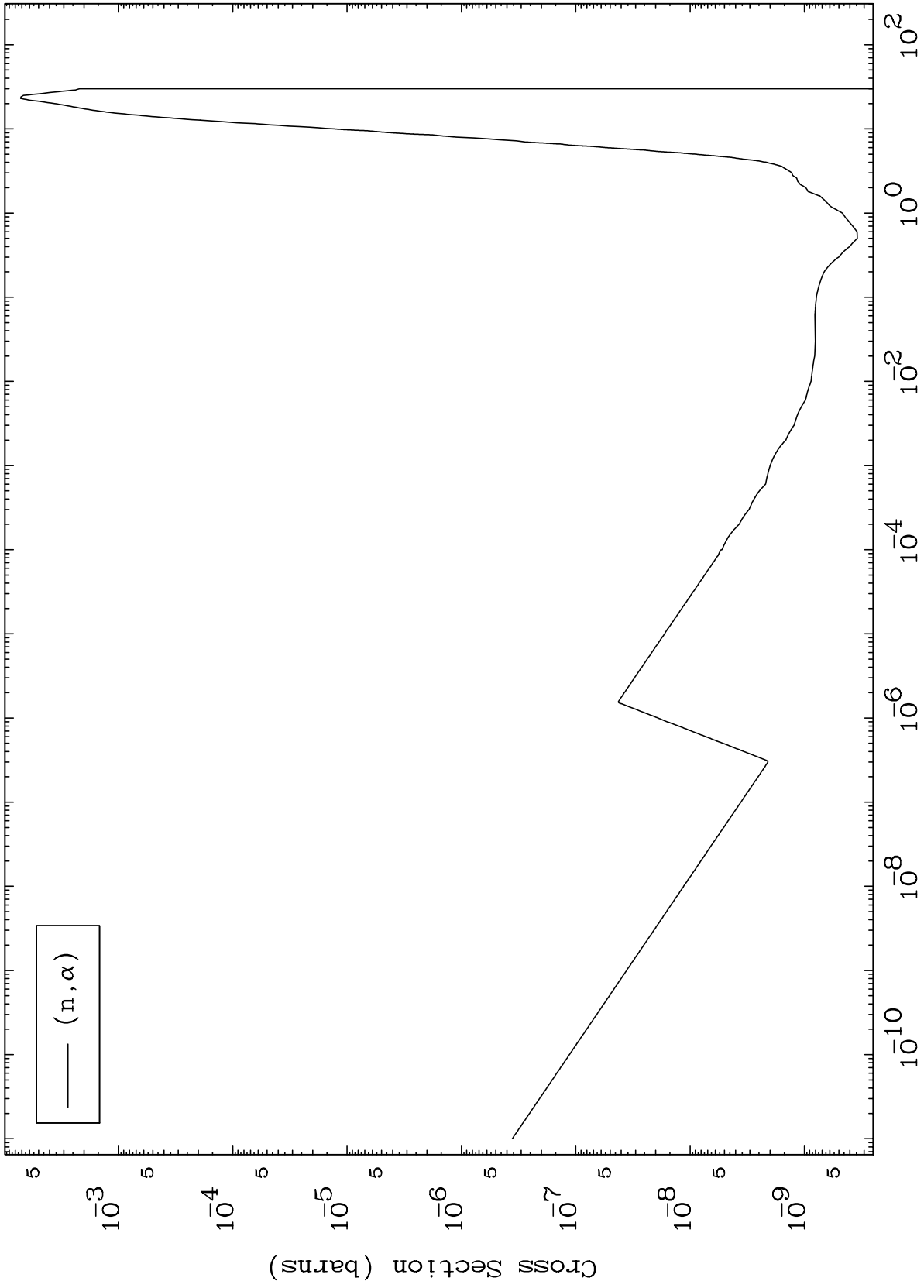
97-Bk-248m



MAT 9750

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

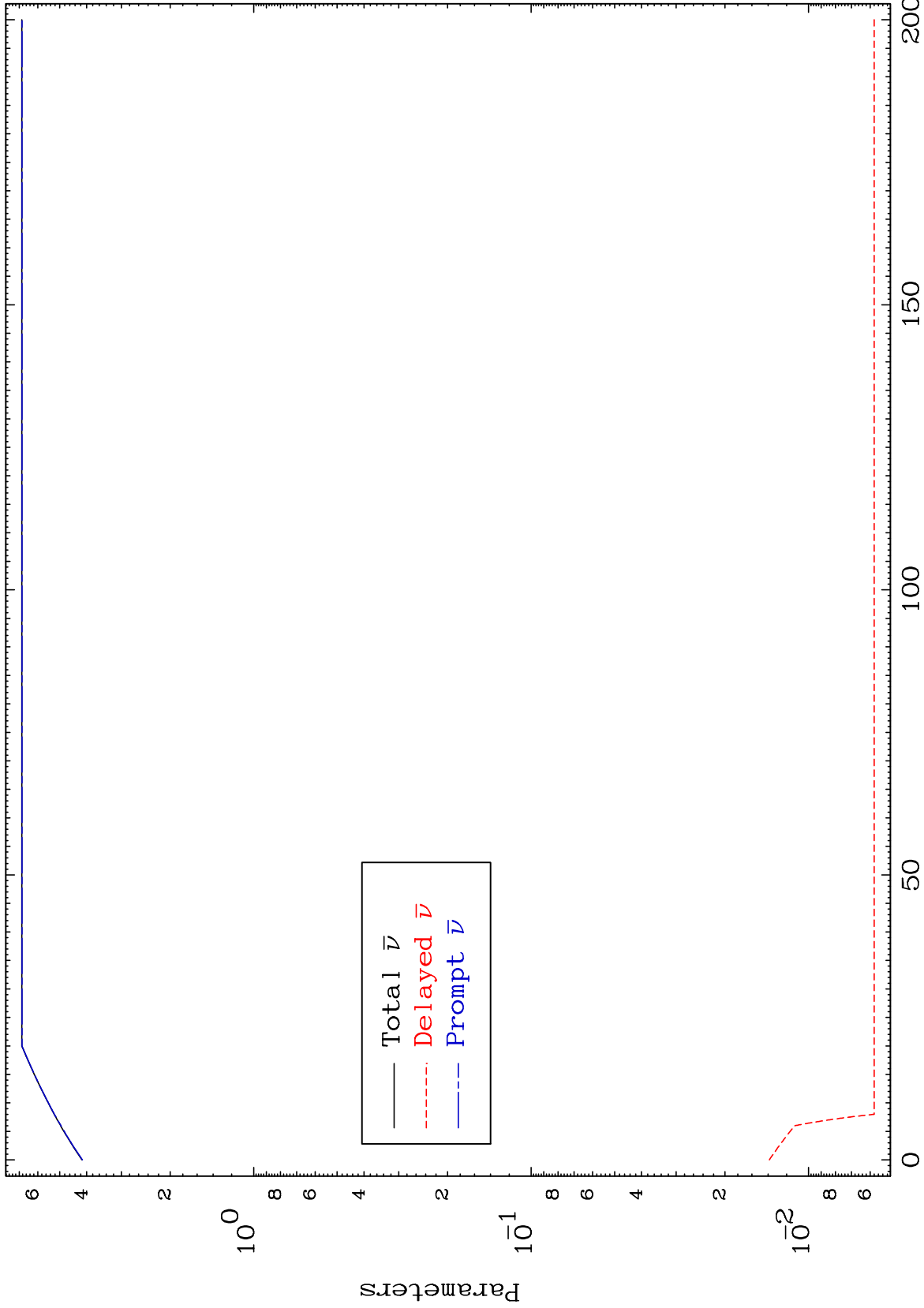
97-Bk-248m



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Energy Release  
Parameters

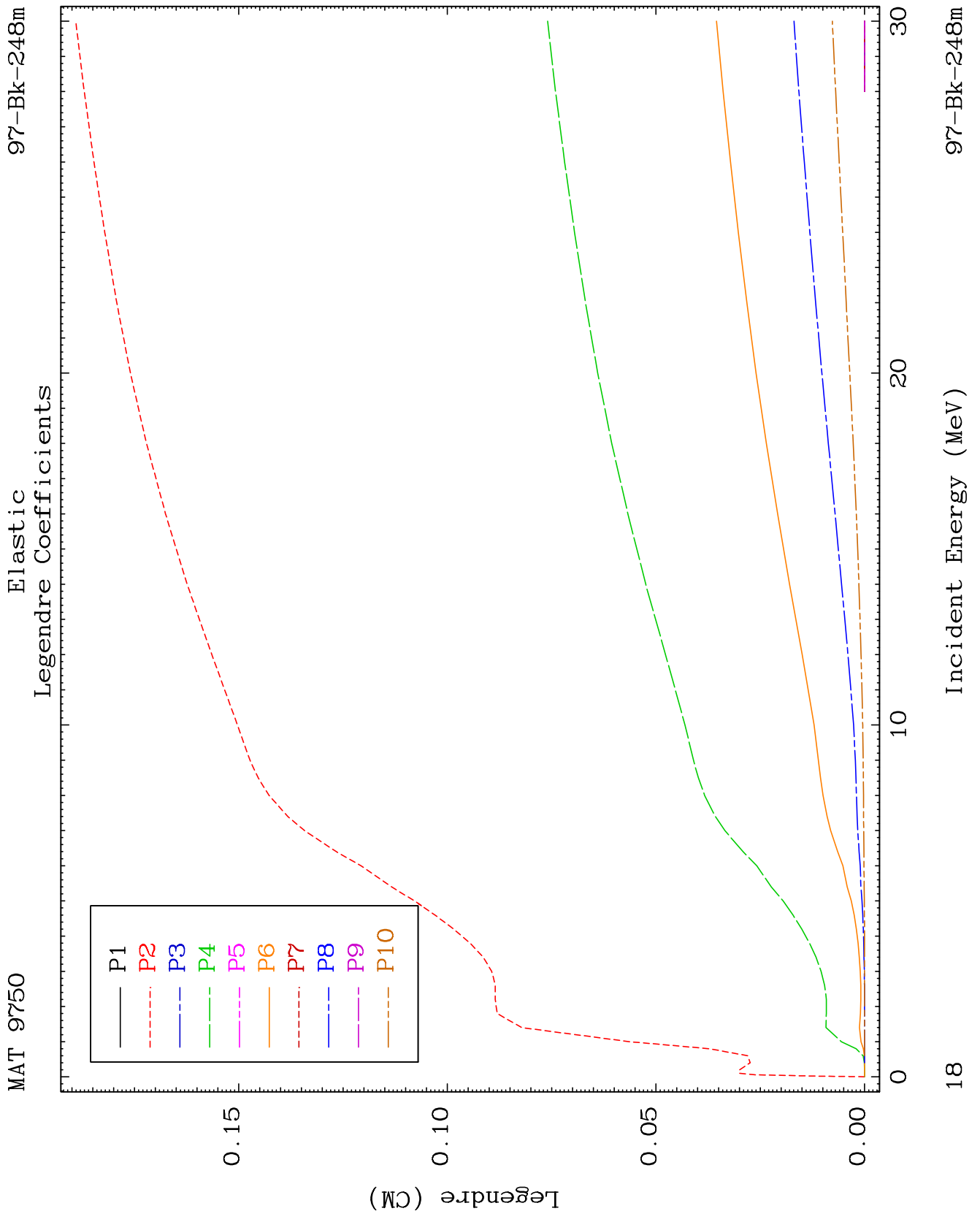
97-Bk-248m

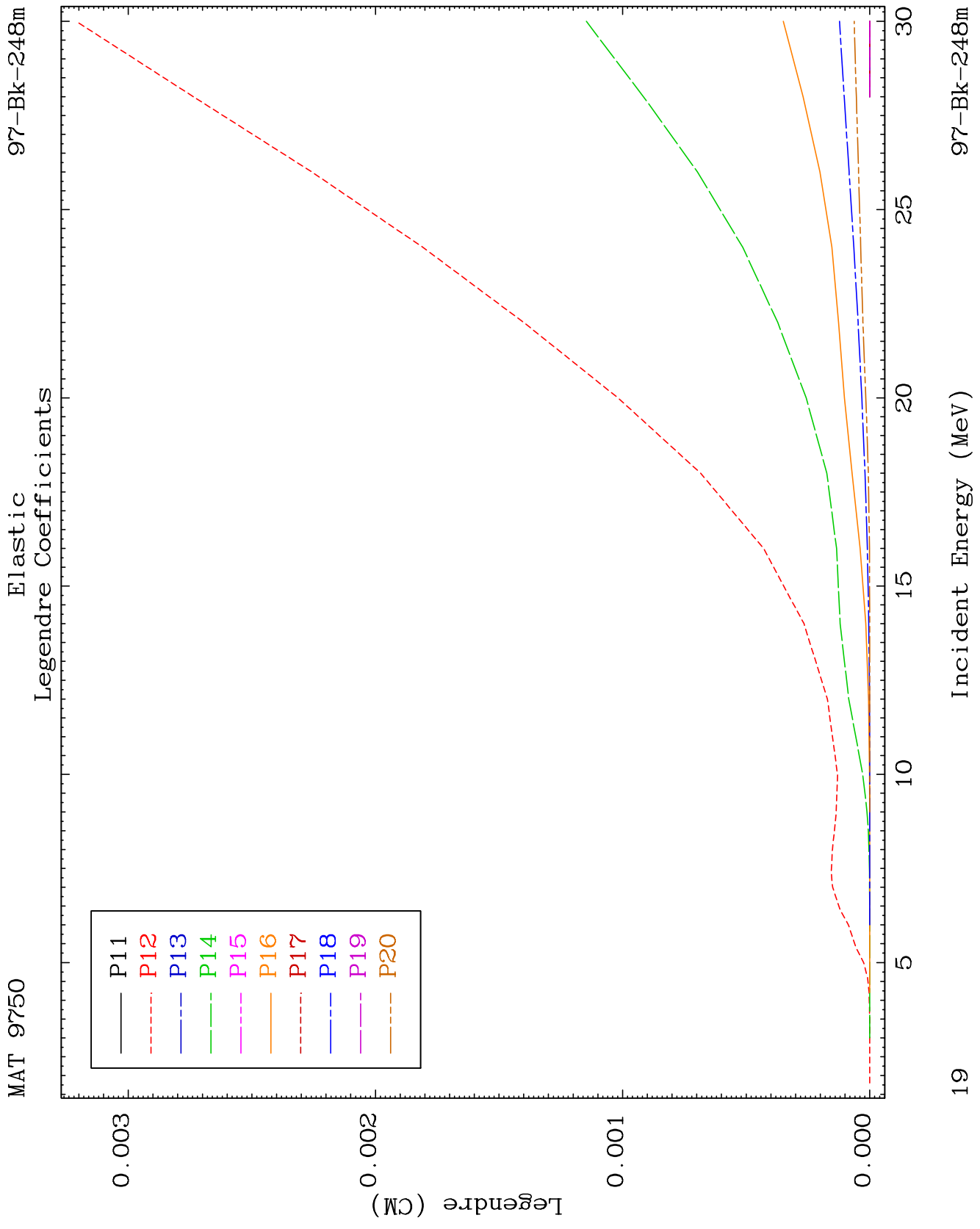


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Incident Energy (MeV)

97-Bk-248m



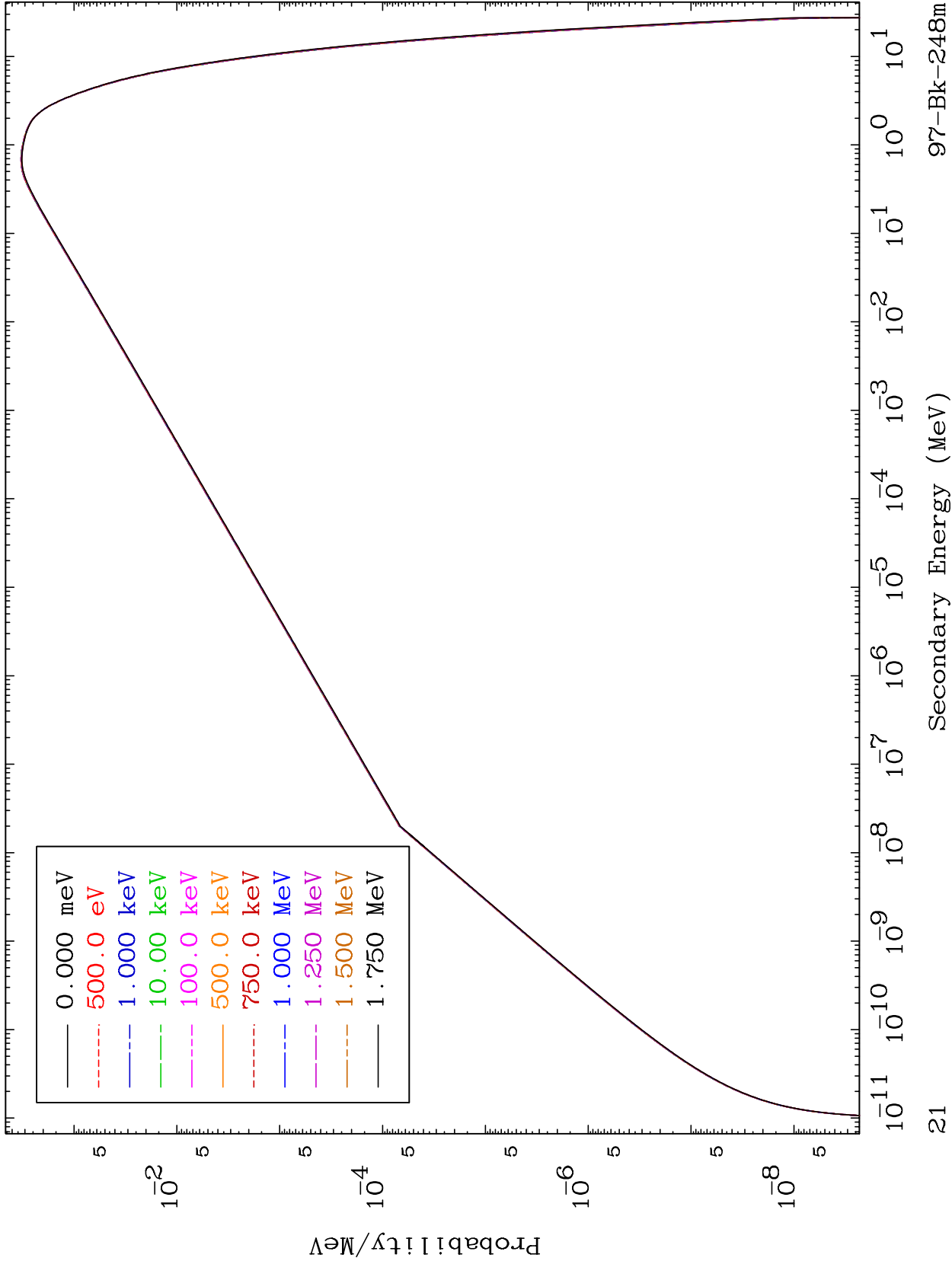




MAT 9750

### Fission Energy Distributions

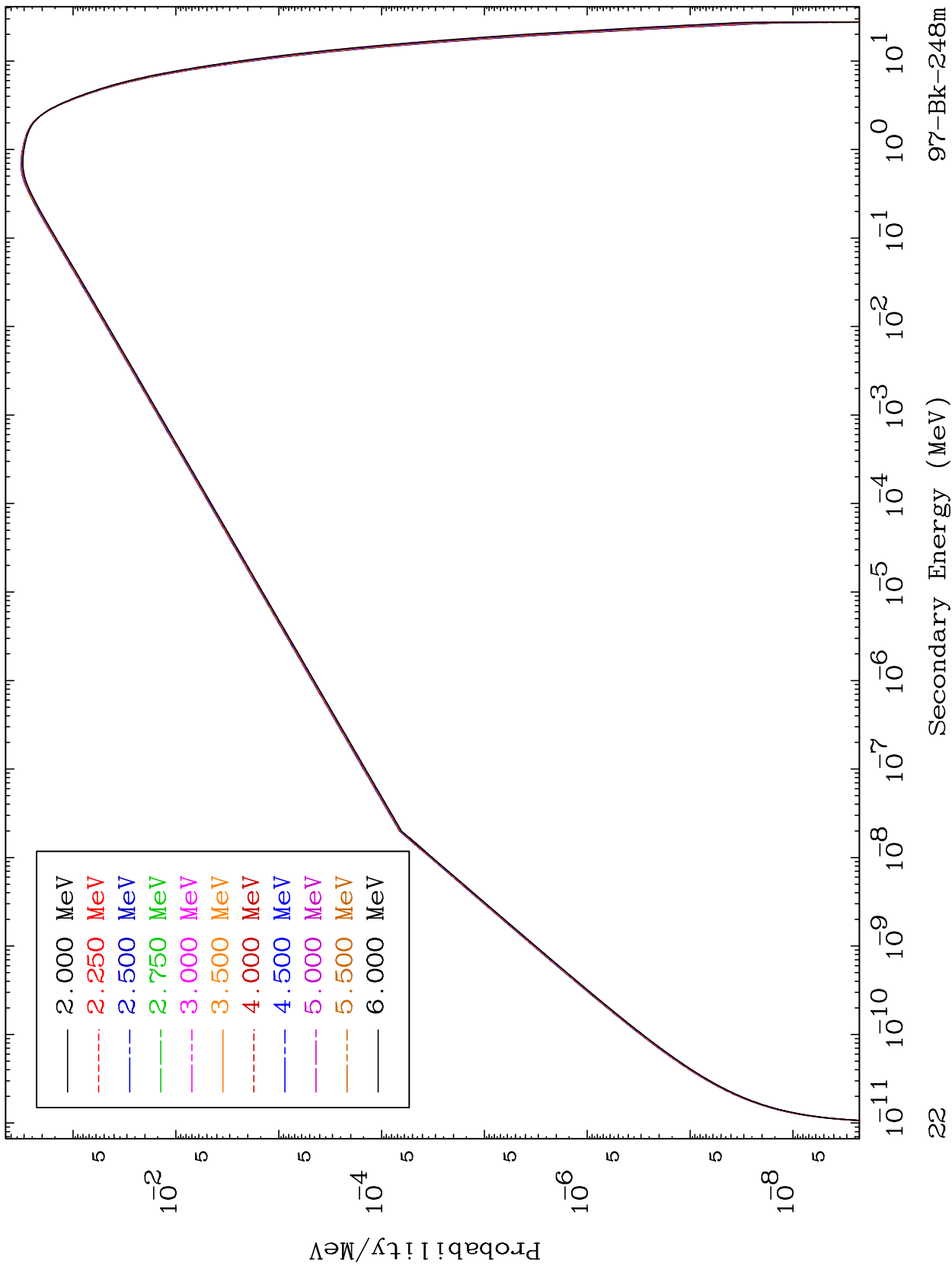
97-Bk-248m



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### Fission Energy Distributions

97-Bk-248m



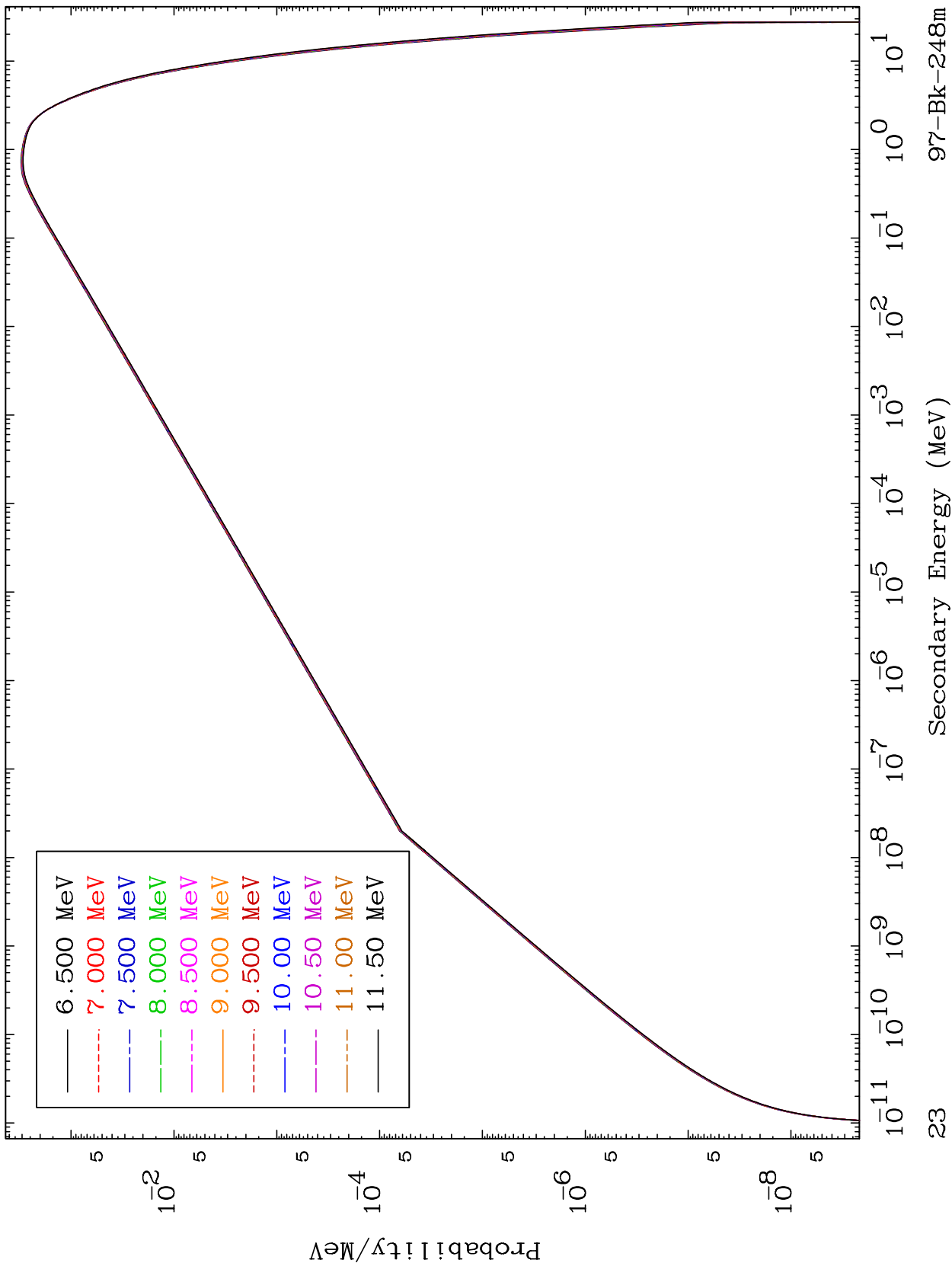
97-Bk-248m

Secondary Energy (MeV)

MAT 9750

### Fission Energy Distributions

97-Bk-248m



97-Bk-248m

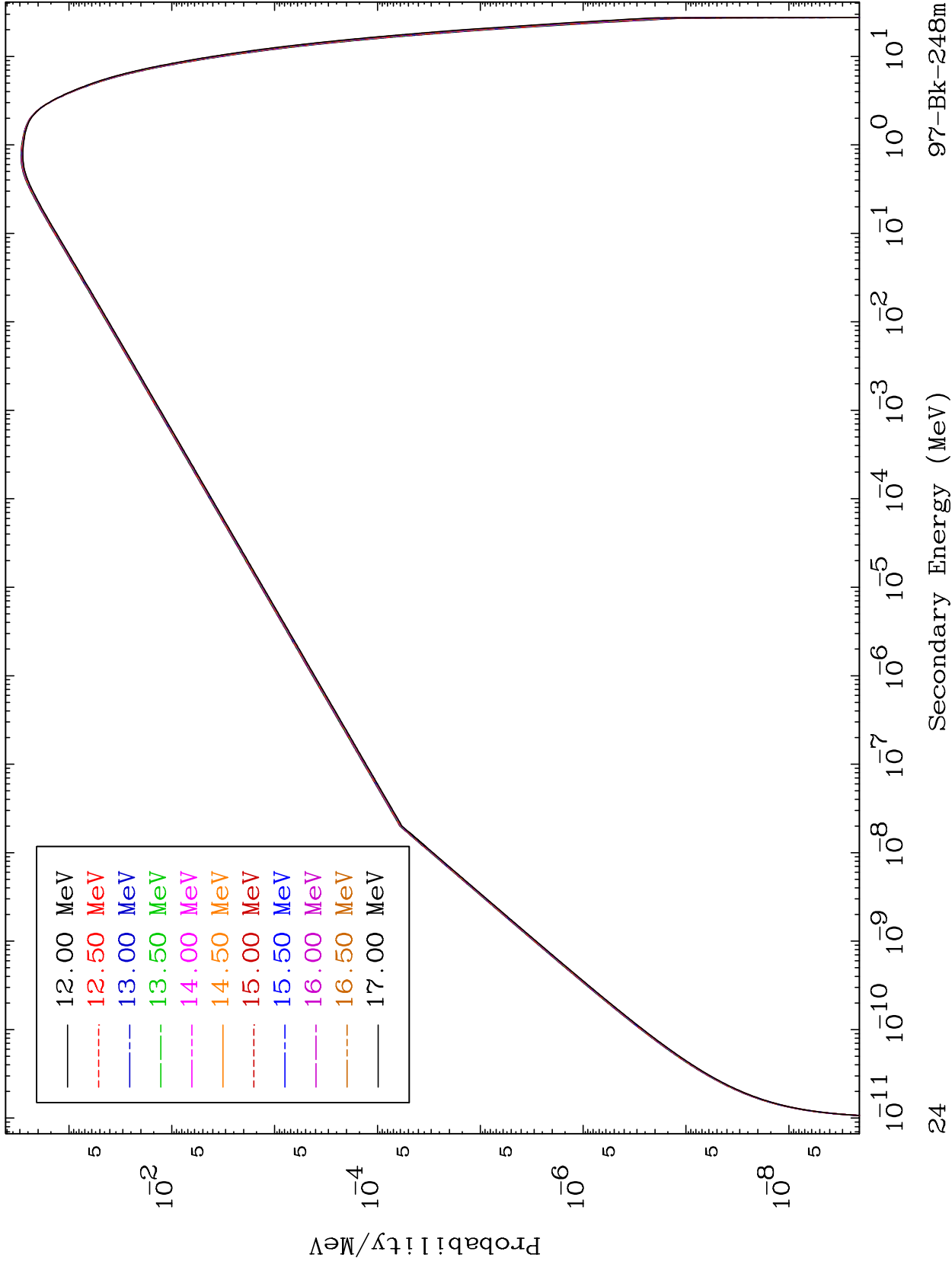
Secondary Energy (MeV)



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Fission Energy Distributions

97-Bk-248m



97-Bk-248m

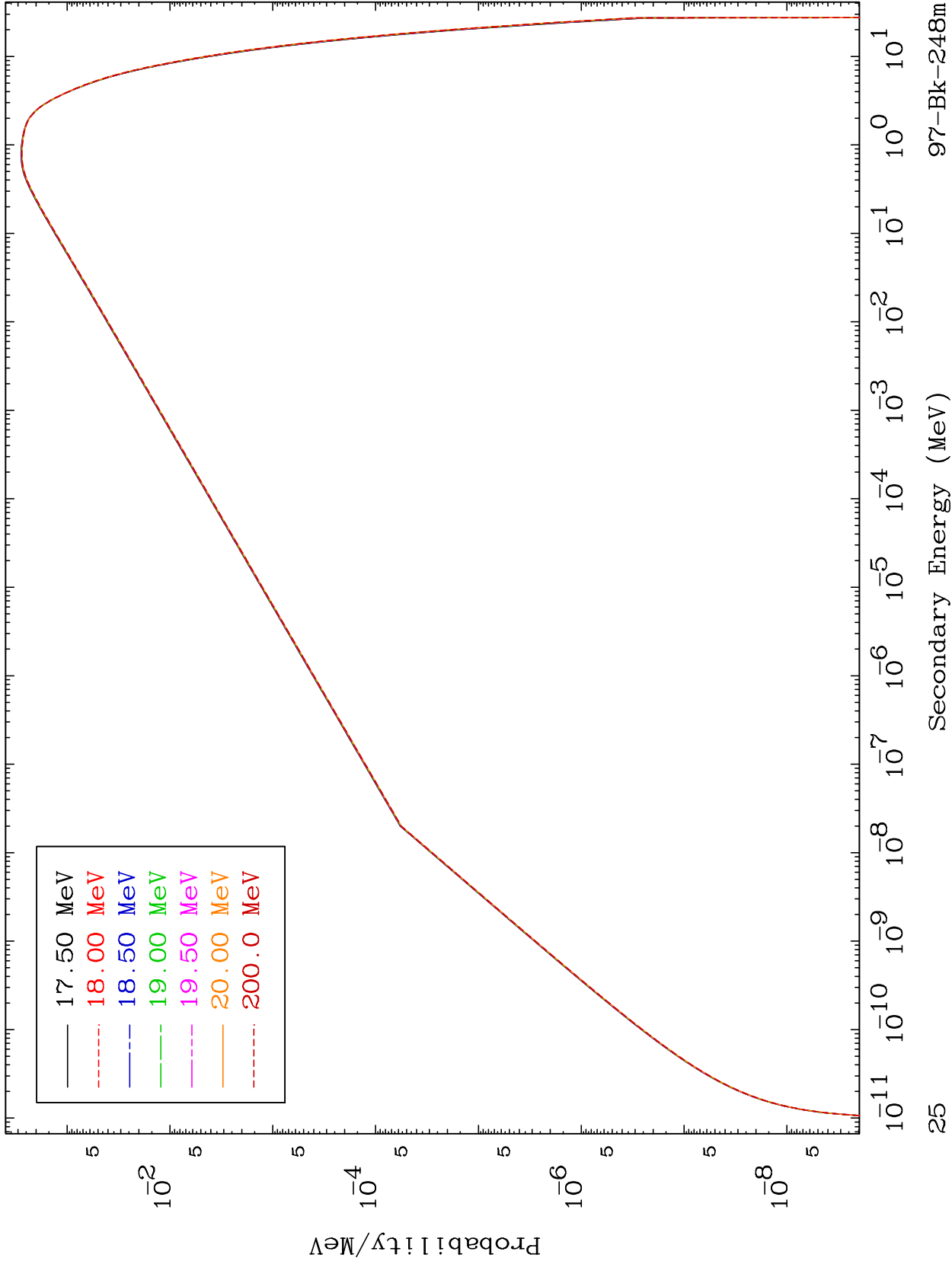
Secondary Energy (MeV)

24

MAT 9750

Fission Energy Distributions

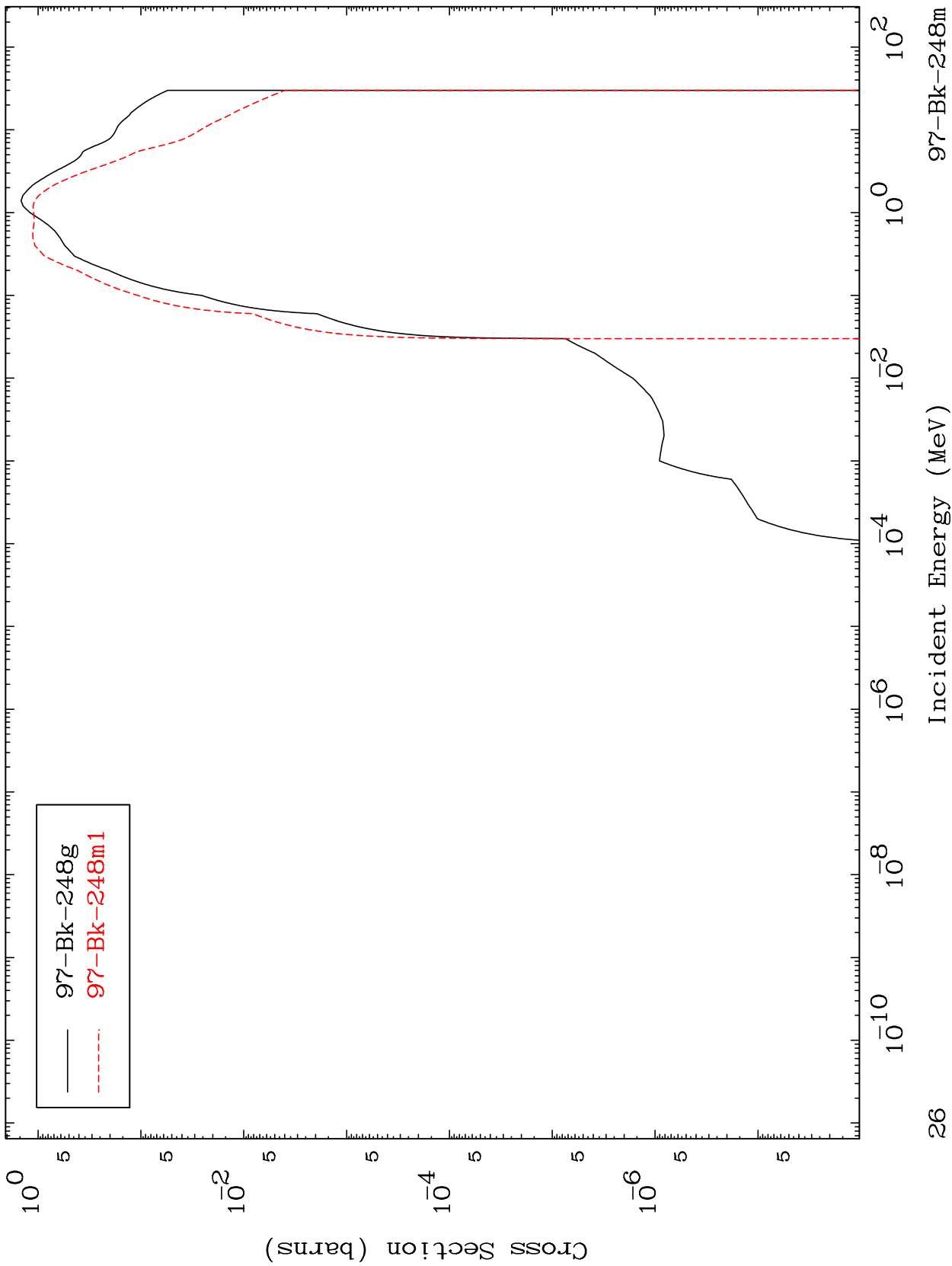
97-Bk-248m



MAT 9750

Inelastic  
Radionuclide Production Cross Section

97-Bk-248m

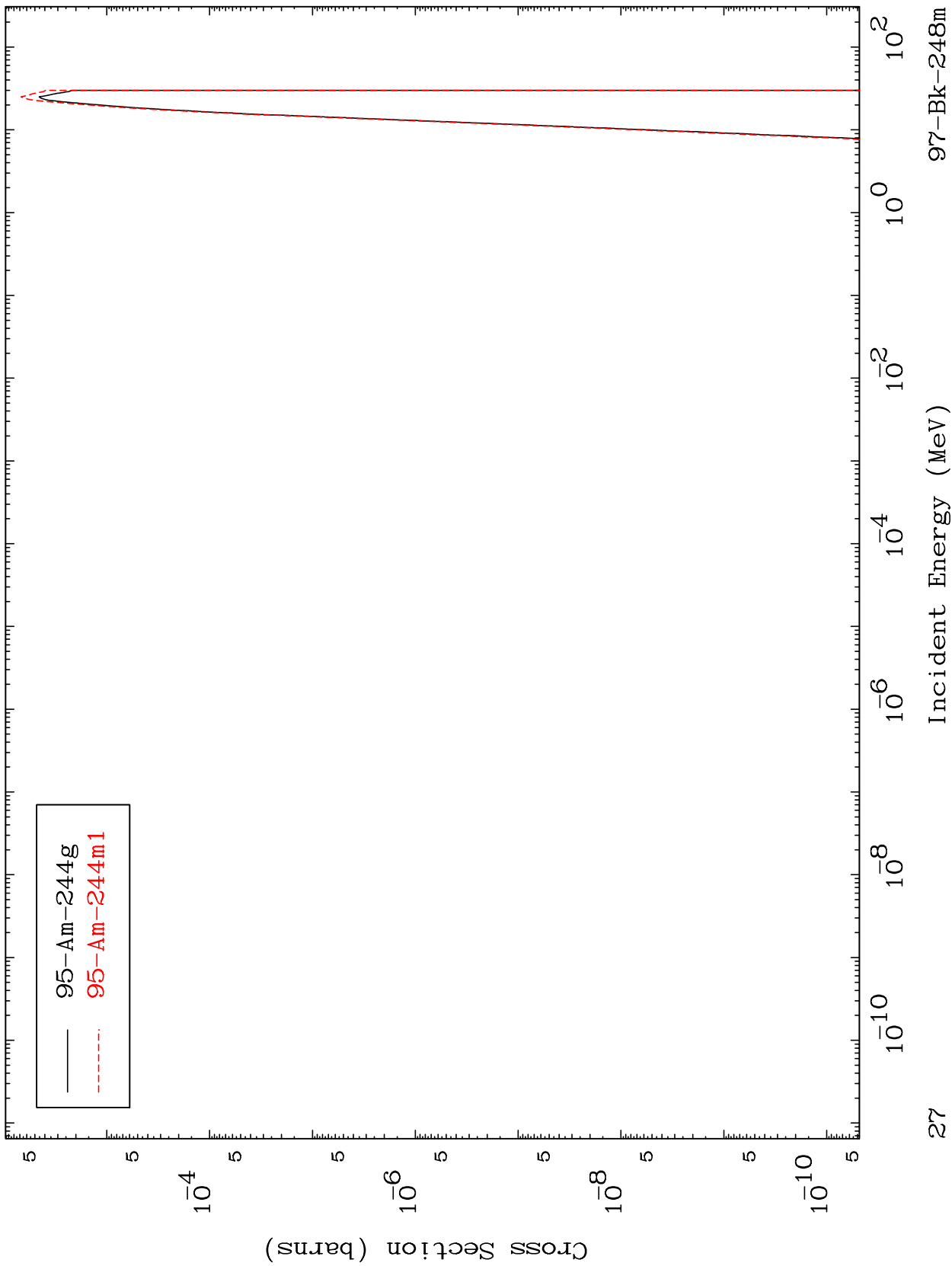


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(n,n')  $\alpha$

97-Bk-248m

Radionuclide Production Cross Section

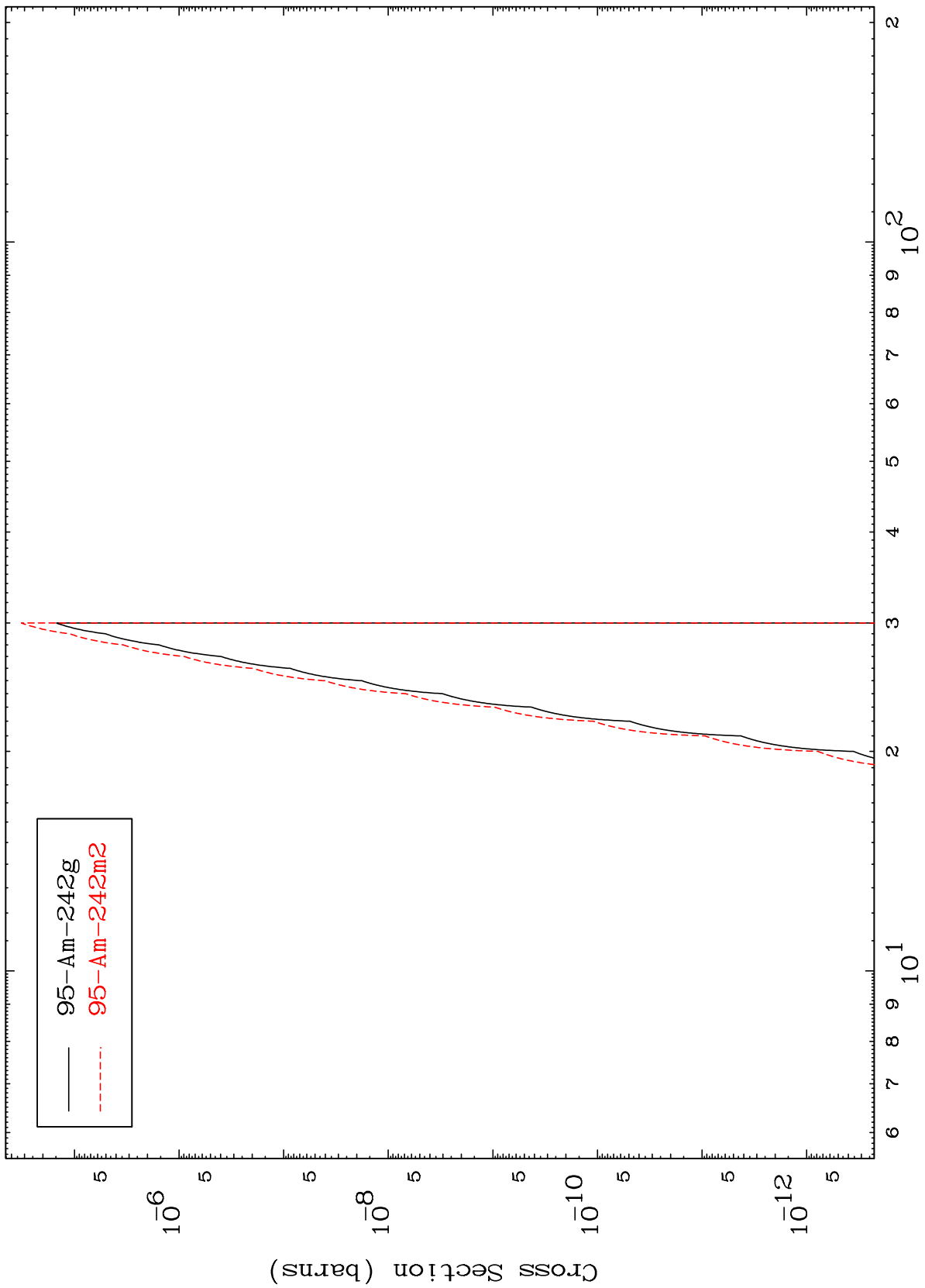


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(n,3n)  $\alpha$

97-Bk-248m

Radionuclide Production Cross Section



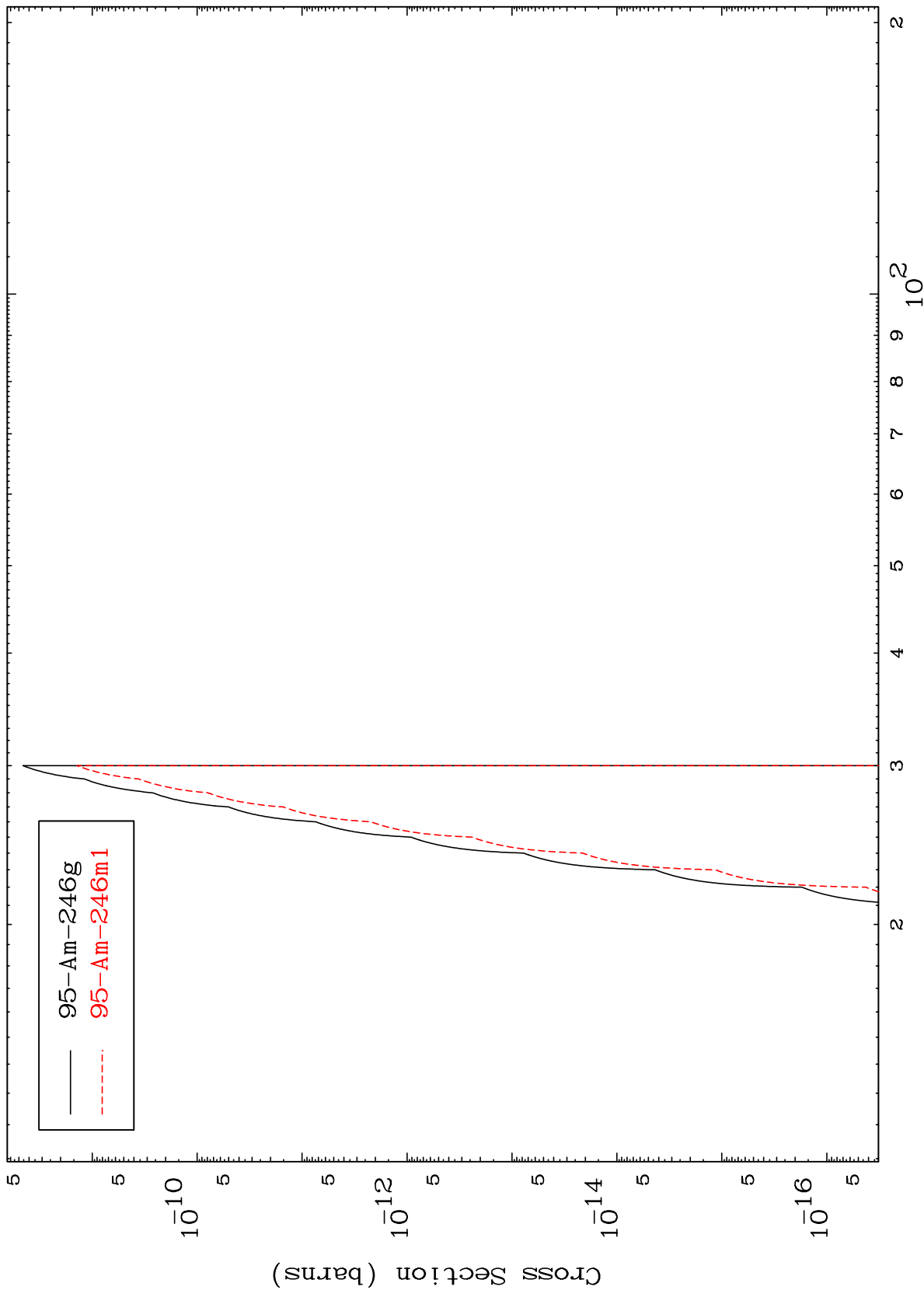
95-Am-242g  
95-Am-242m2

MAT 9750

(n,2n) p

97-Bk-248m

Radionuclide Production Cross Section

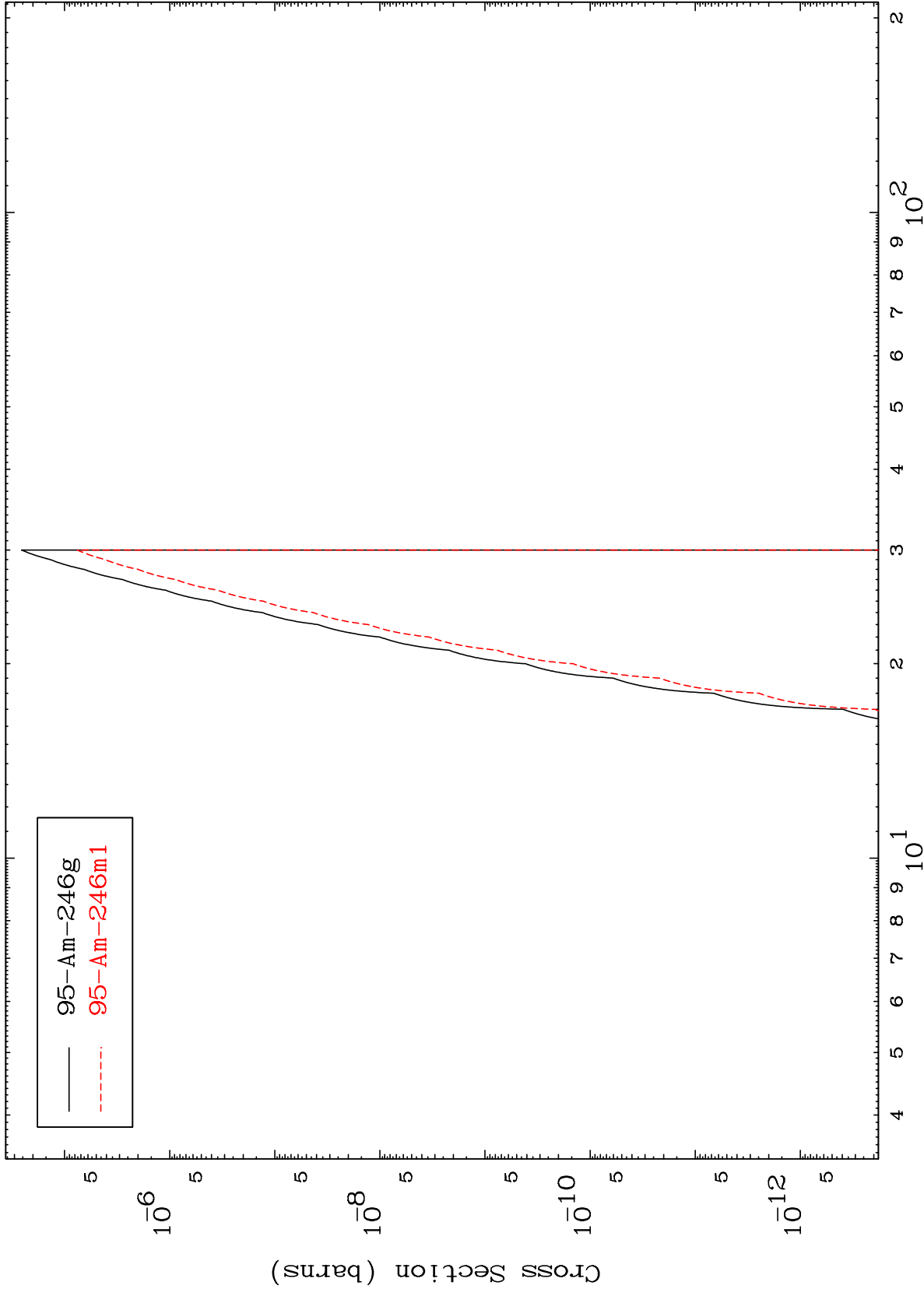


MAT 9750

(n,He-3)

97-Bk-248m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

97-Bk-248m