

Program EVALPLOT
(Version 2015-2)

by

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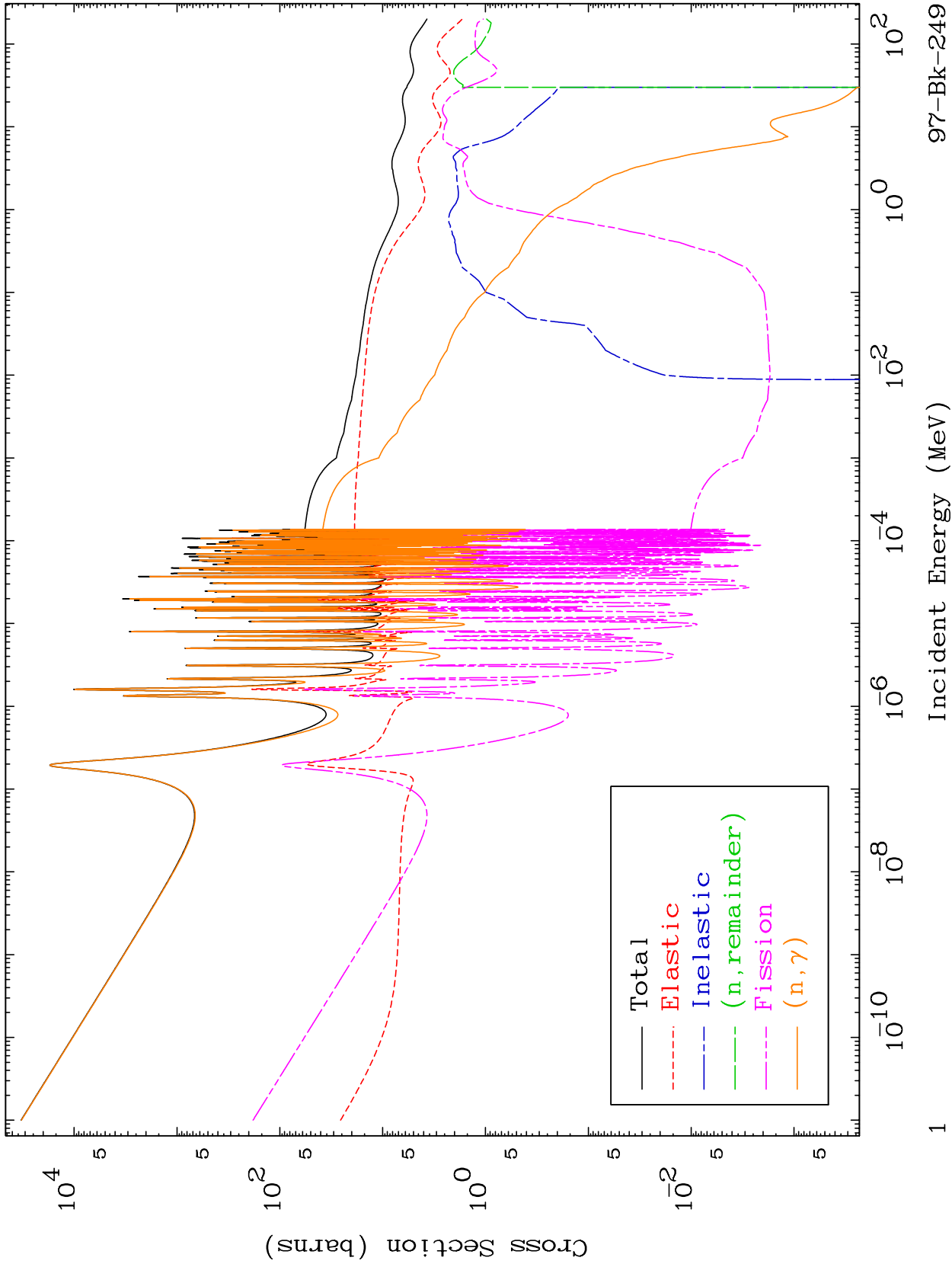
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9752

Major
293 Kelvin Cross Sections

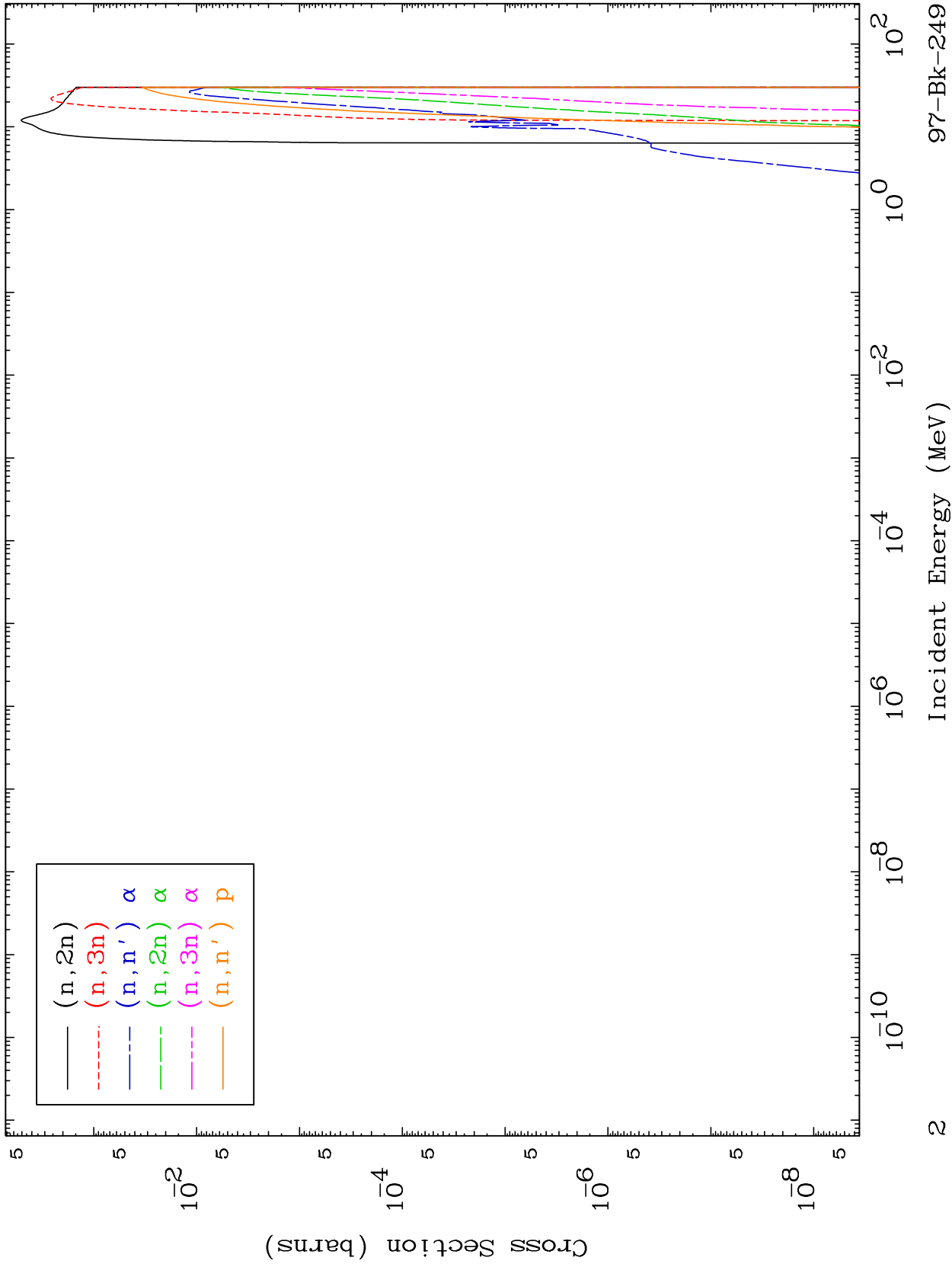
97-Bk-249



MAT 9752

Neutron Production
293 Kelvin Cross Sections

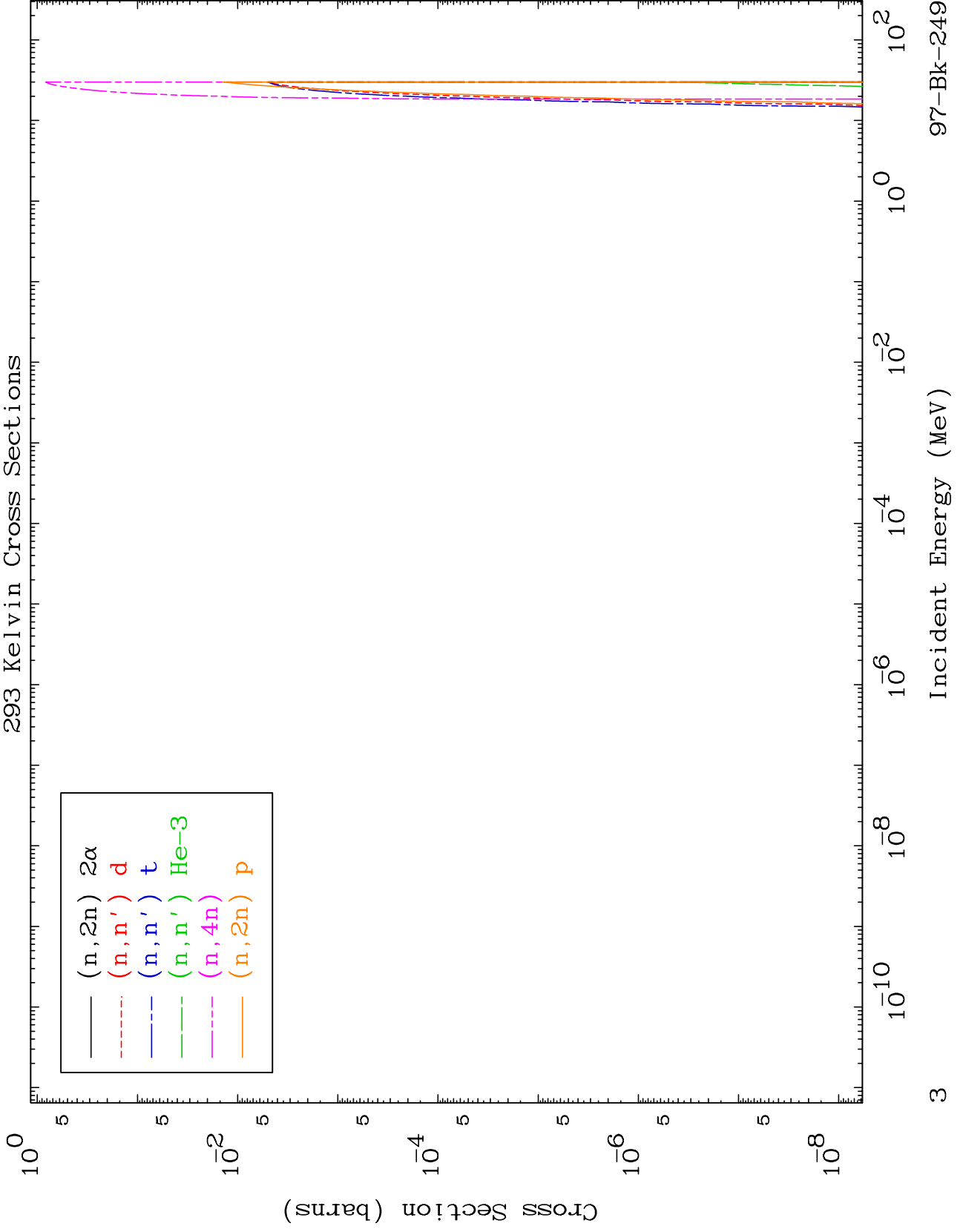
97-Bk-249



MAT 9752

Neutron Production
293 Kelvin Cross Sections

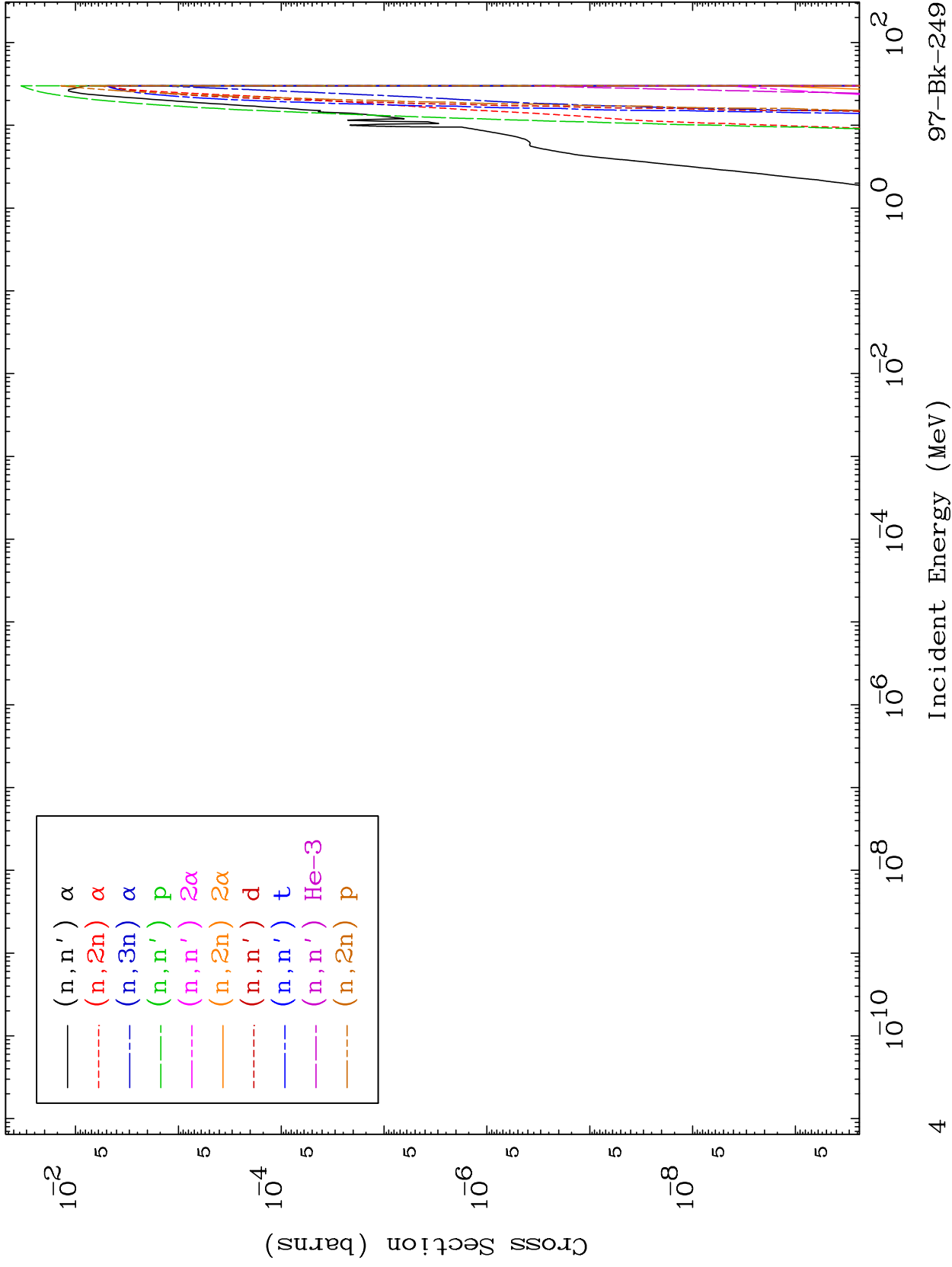
97-Bk-249



MAT 9752

Charged Particle
293 Kelvin Cross Sections

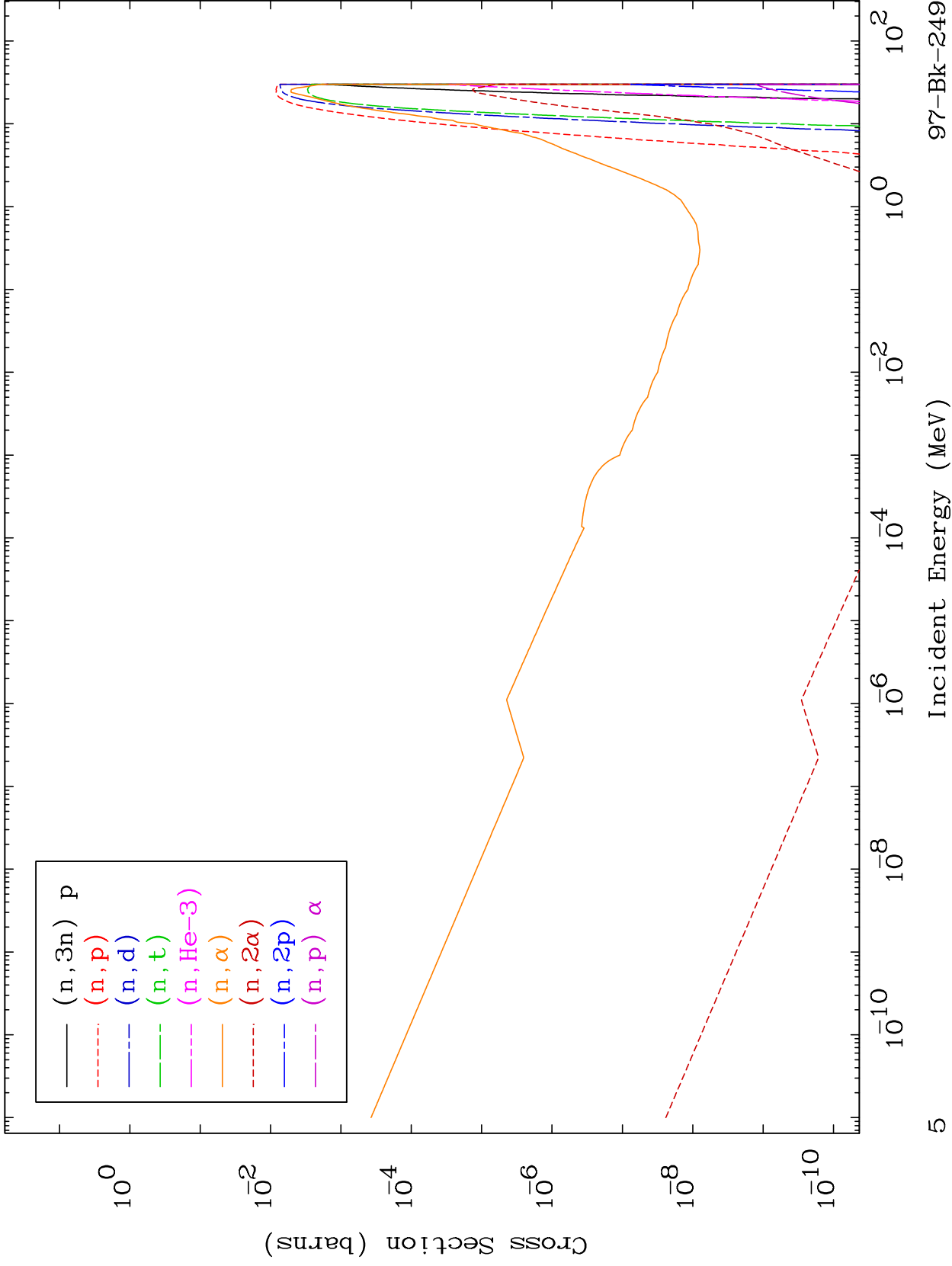
97-Bk-249



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Charged Particle
293 Kelvin Cross Sections

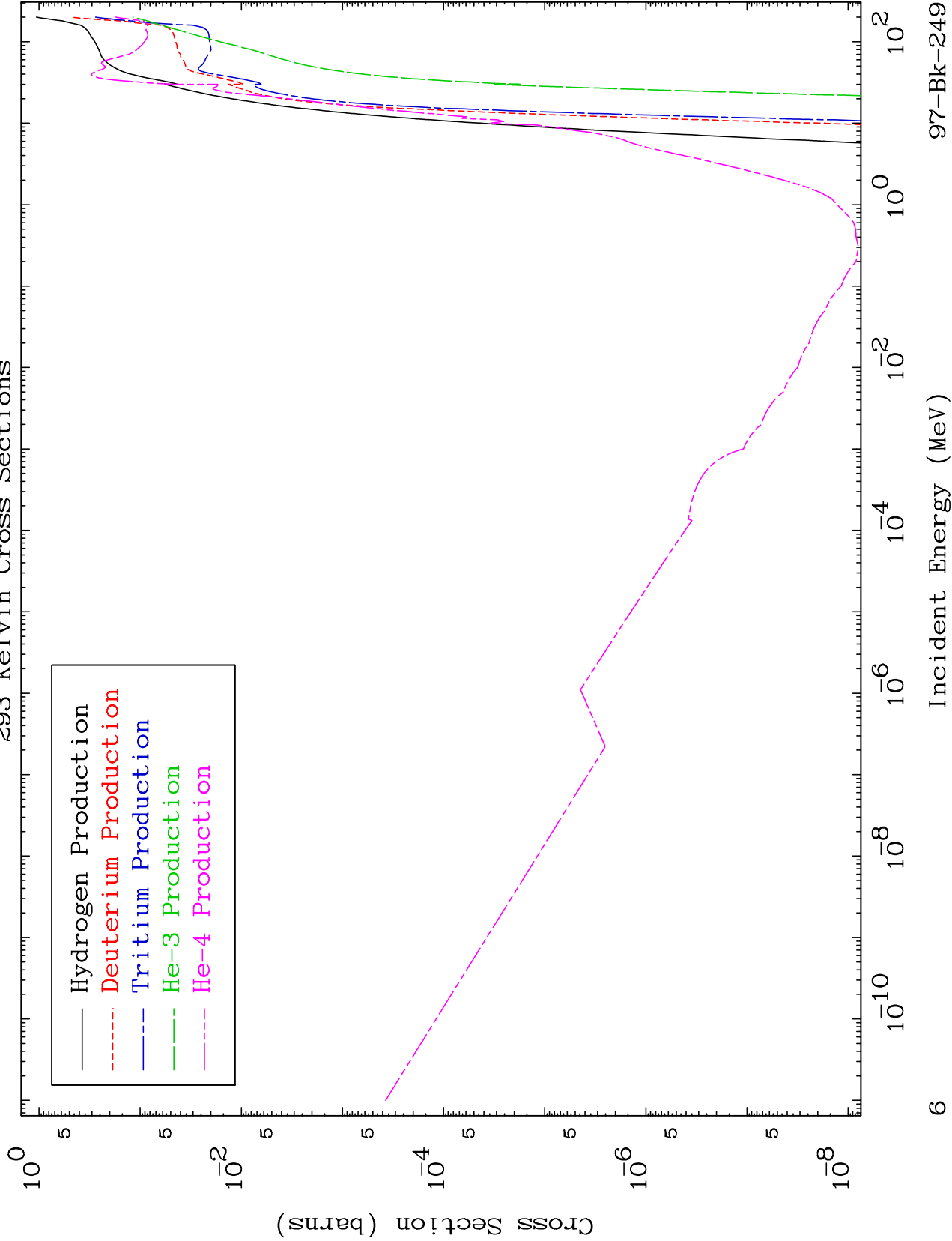
97-Bk-249



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Particle Production
293 Kelvin Cross Sections

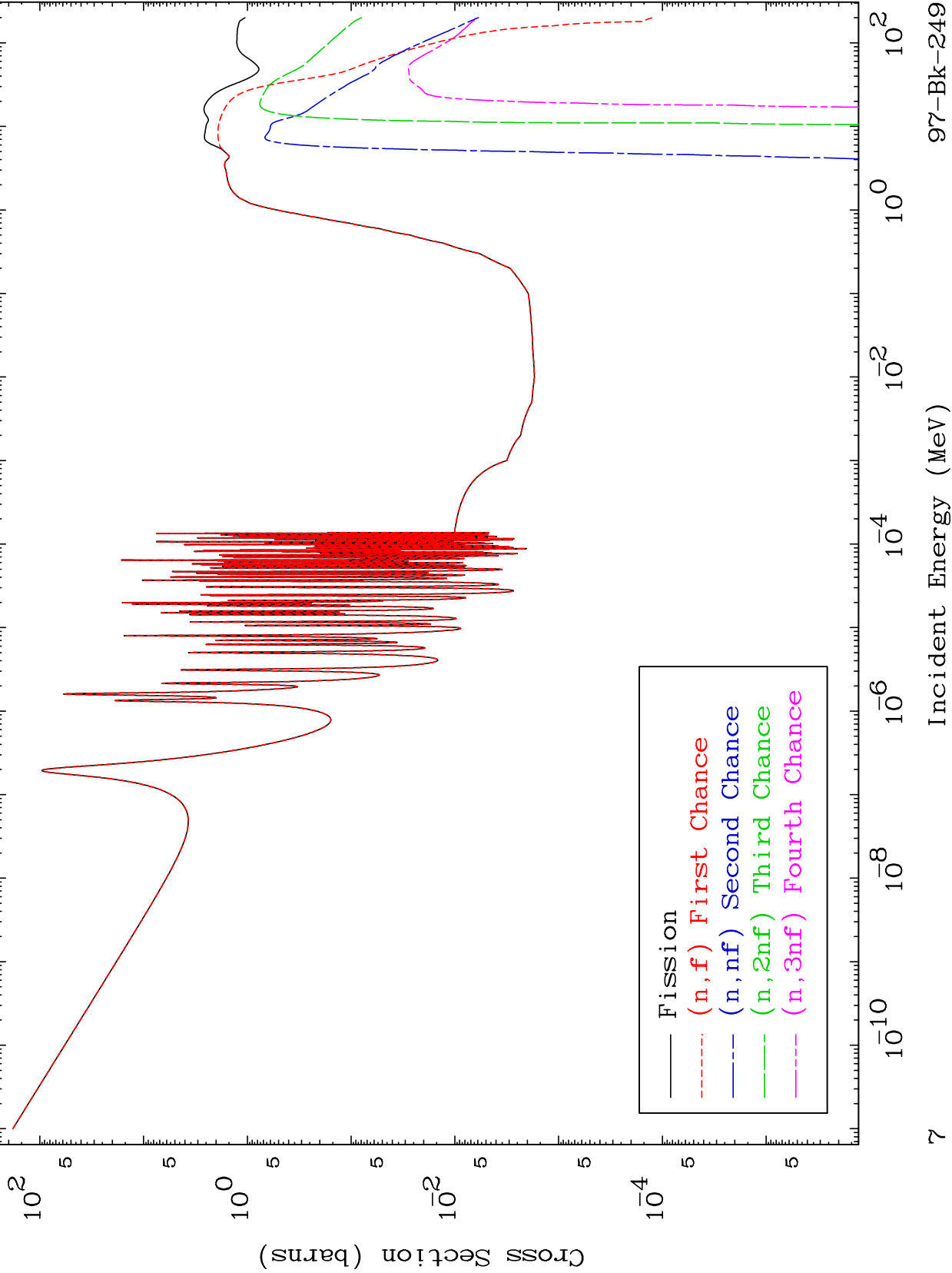
97-Bk-249



MAT 9752

Fission
293 Kelvin Cross Sections

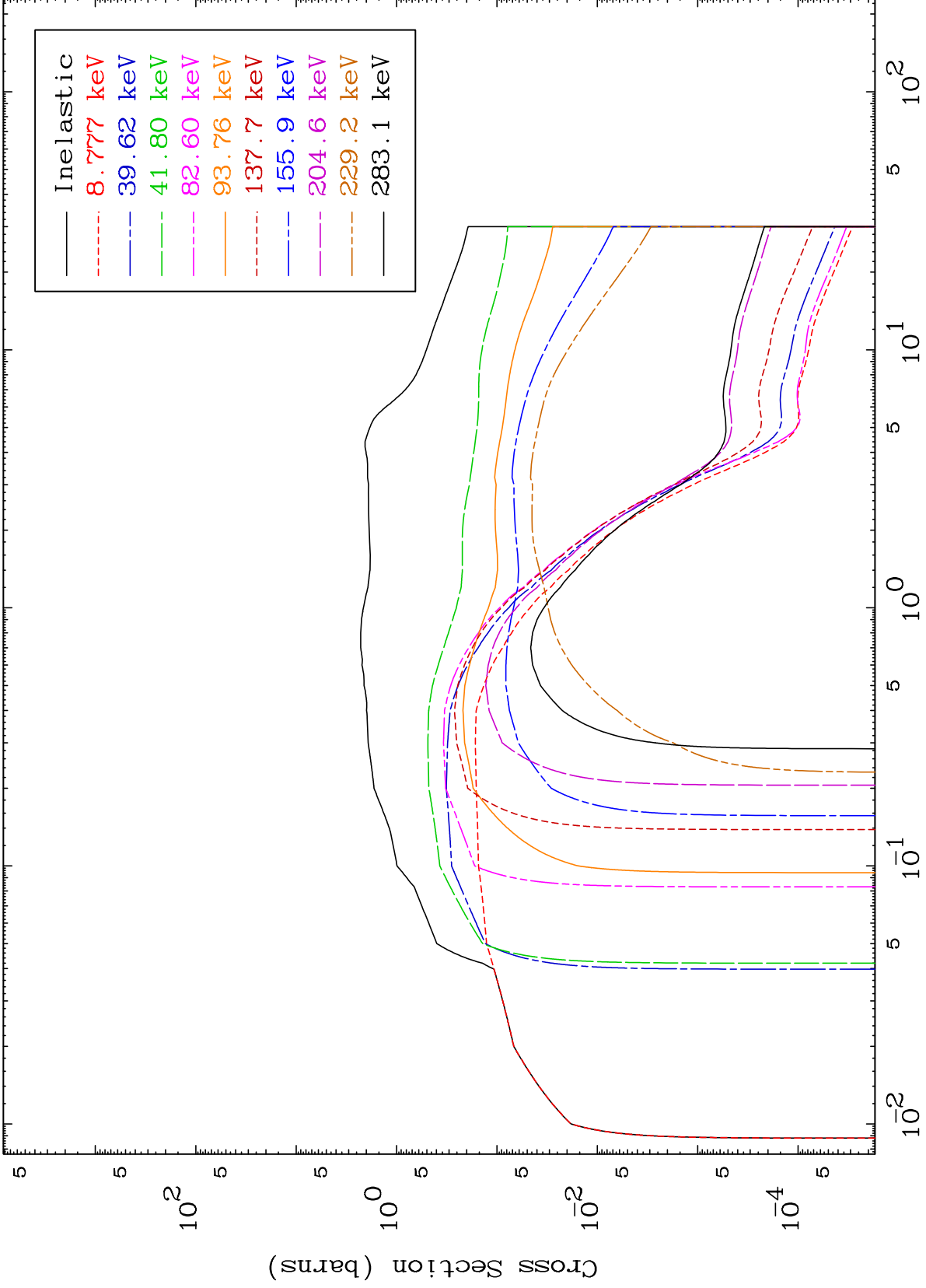
97-Bk-249



MAT 9752

(n,n') Level
293 Kelvin Cross Sections

97-Bk-249



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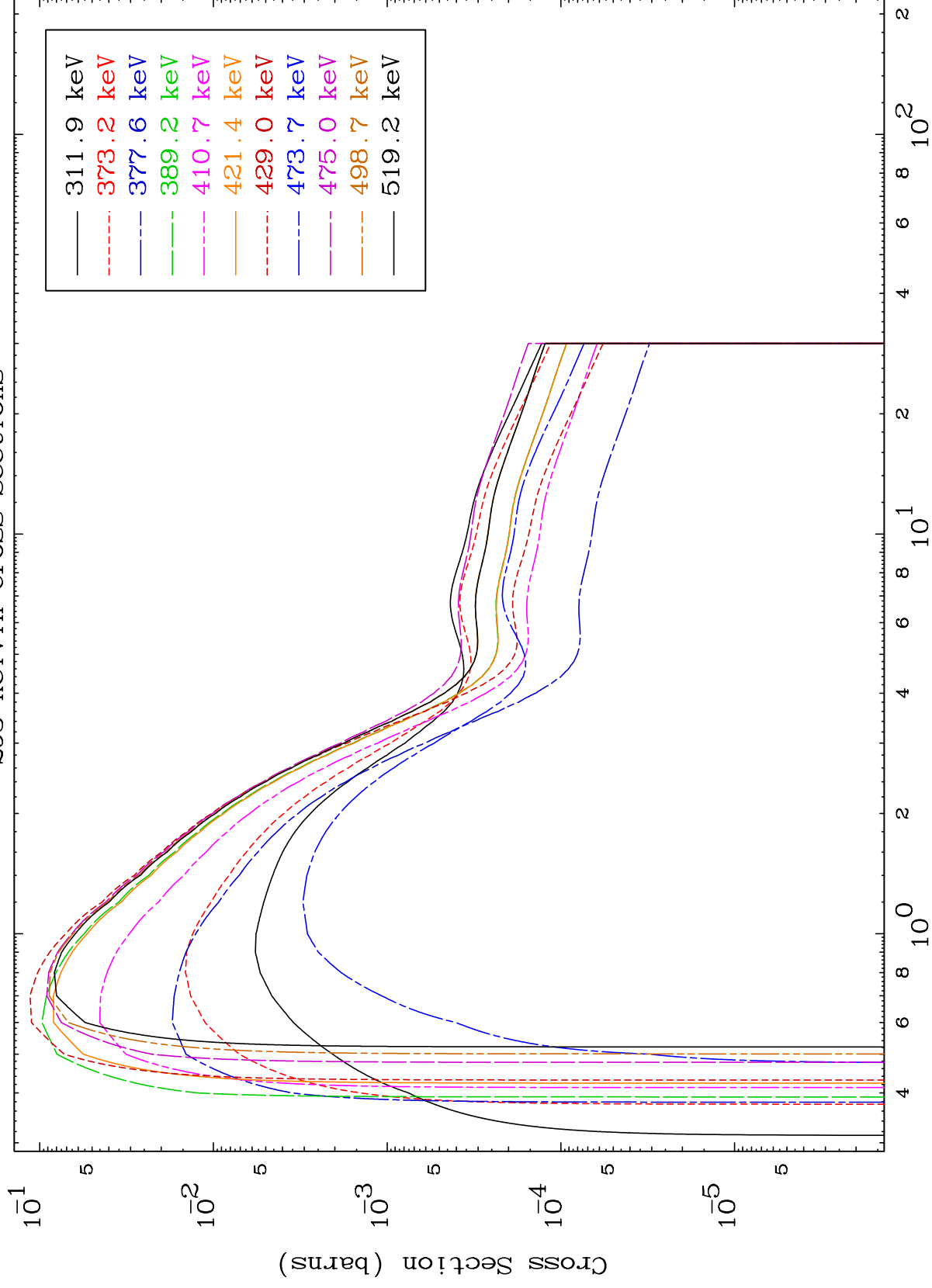
Incident Energy (MeV)

97-Bk-249

MAT 9752

(n,n') Level
293 Kelvin Cross Sections

97-Bk-249



9

Incident Energy (MeV)

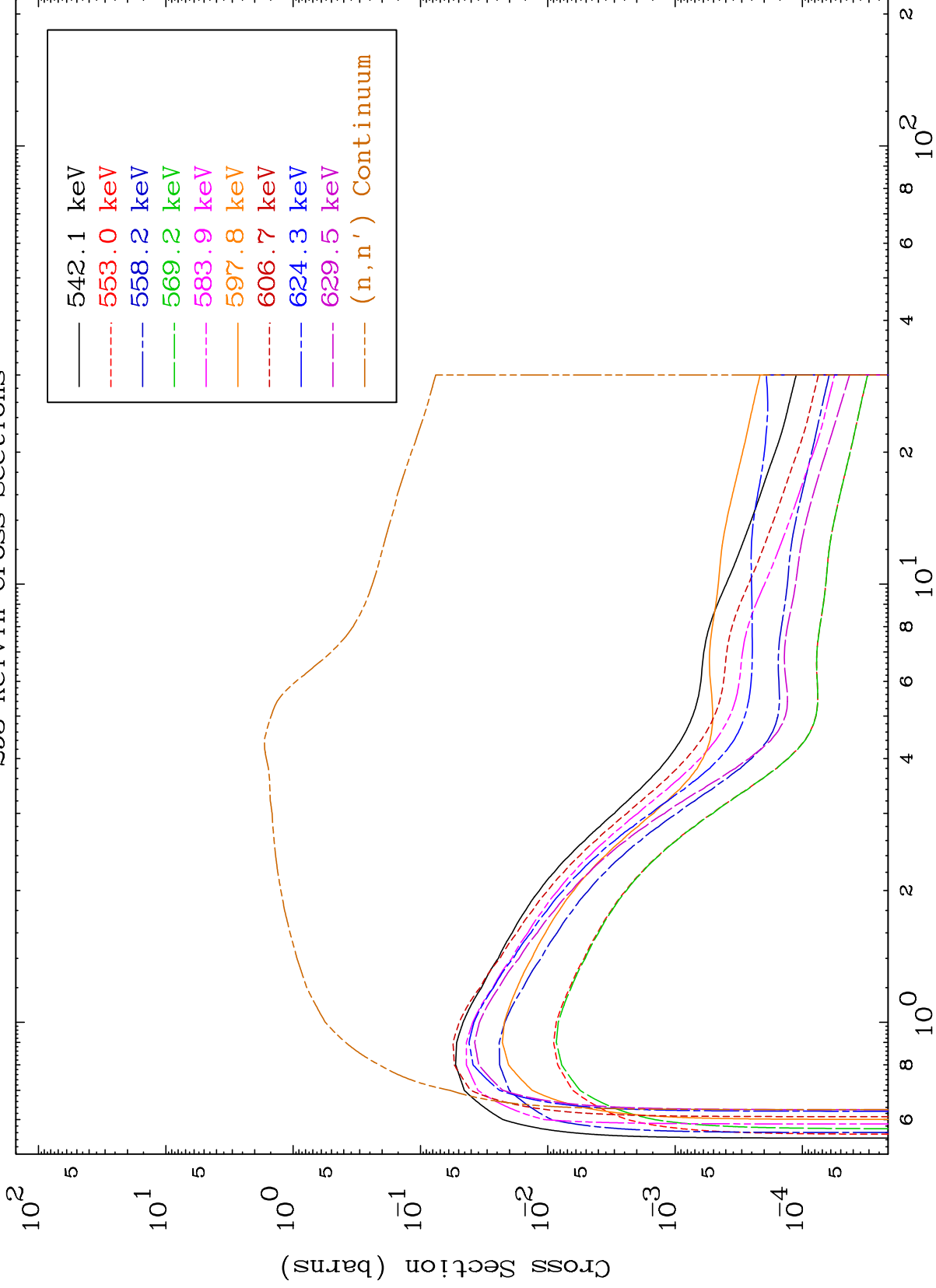
97-Bk-249

MAT 9752

(n,n') Level

97-Bk-249

293 Kelvin Cross Sections



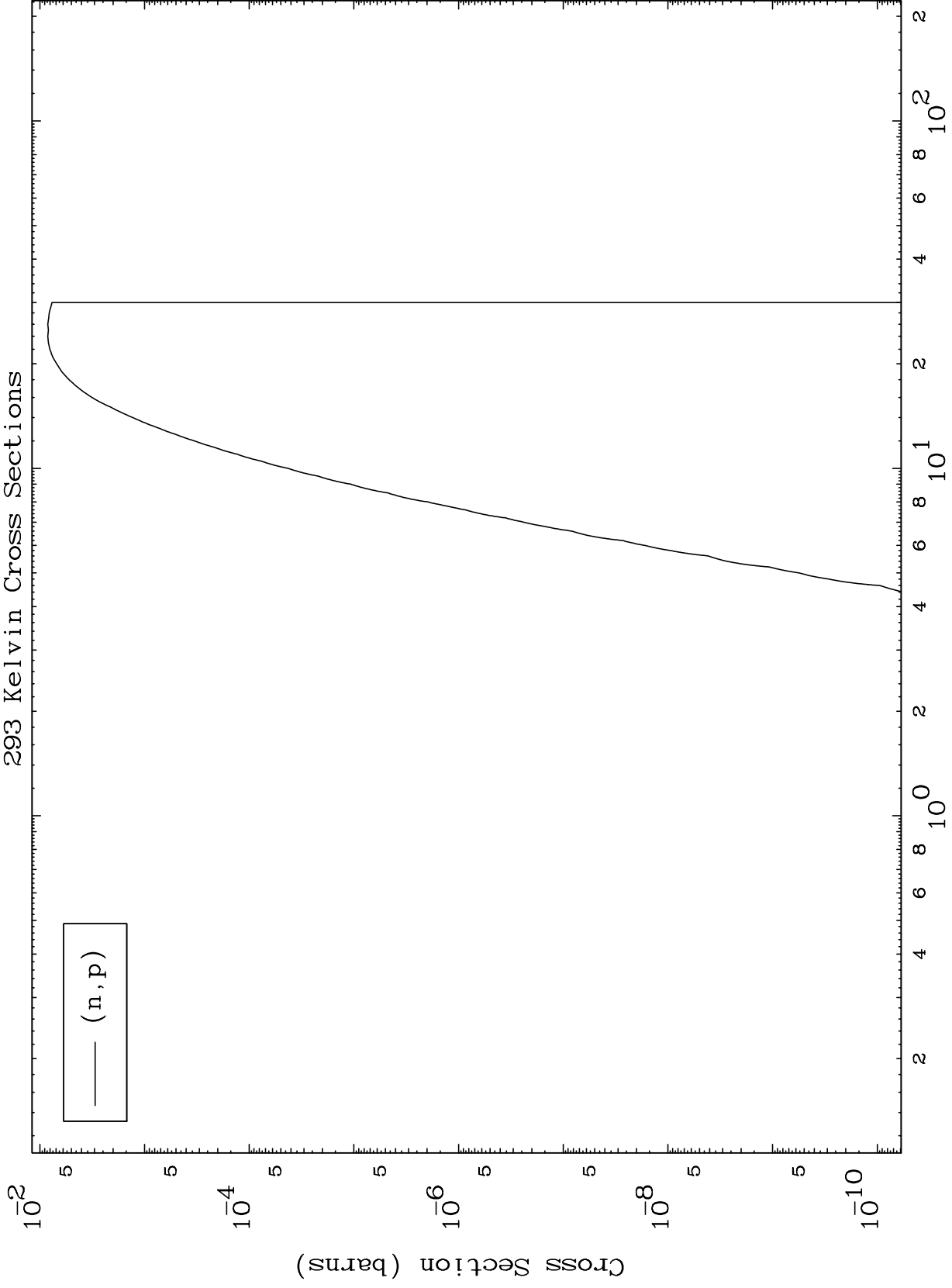
Incident Energy (MeV)

97-Bk-249

MAT 9752

(n,p) Levels
293 Kelvin Cross Sections

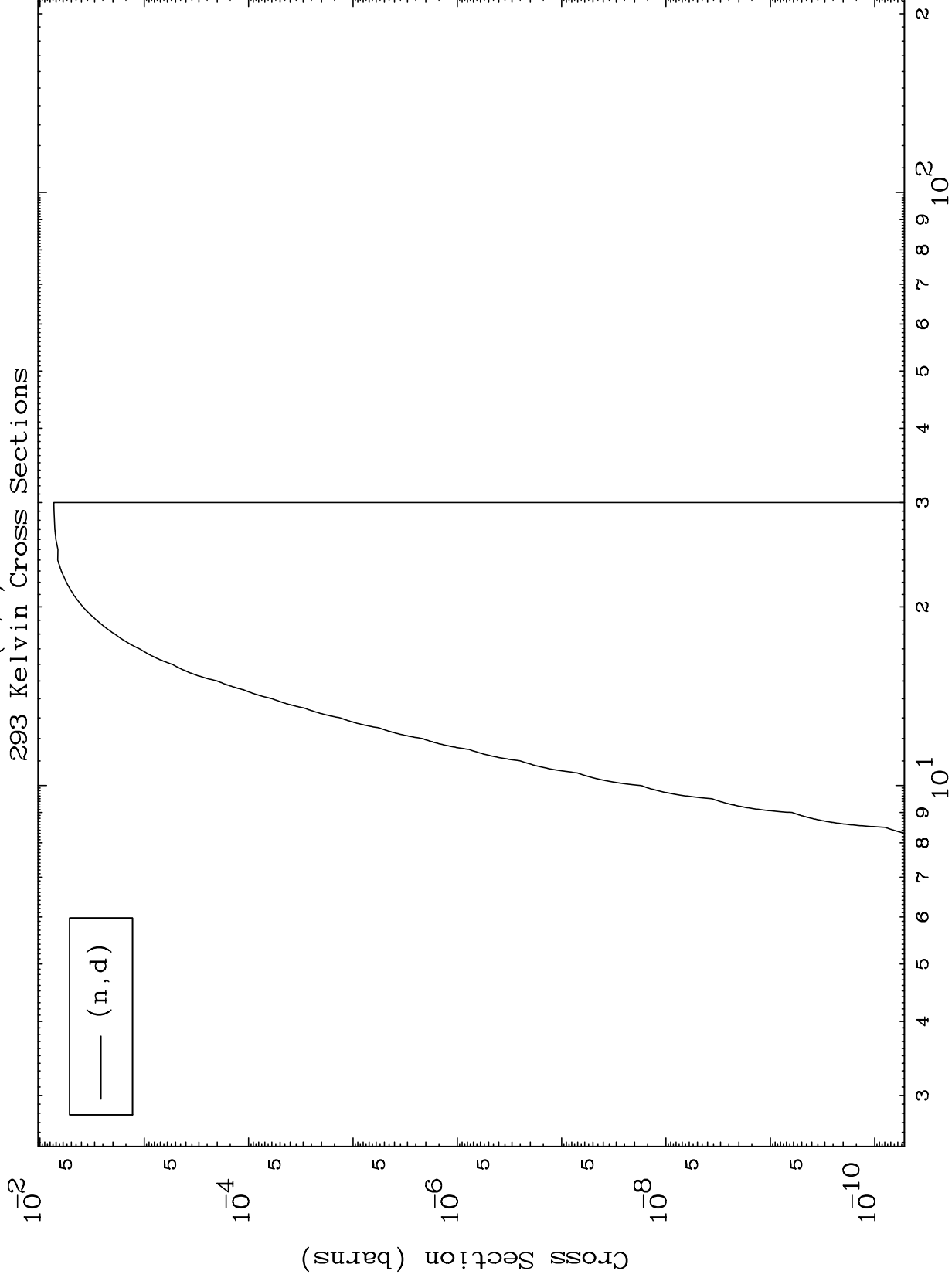
97-Bk-249



MAT 9752

(n,d) Levels
293 Kelvin Cross Sections

97-Bk-249



12

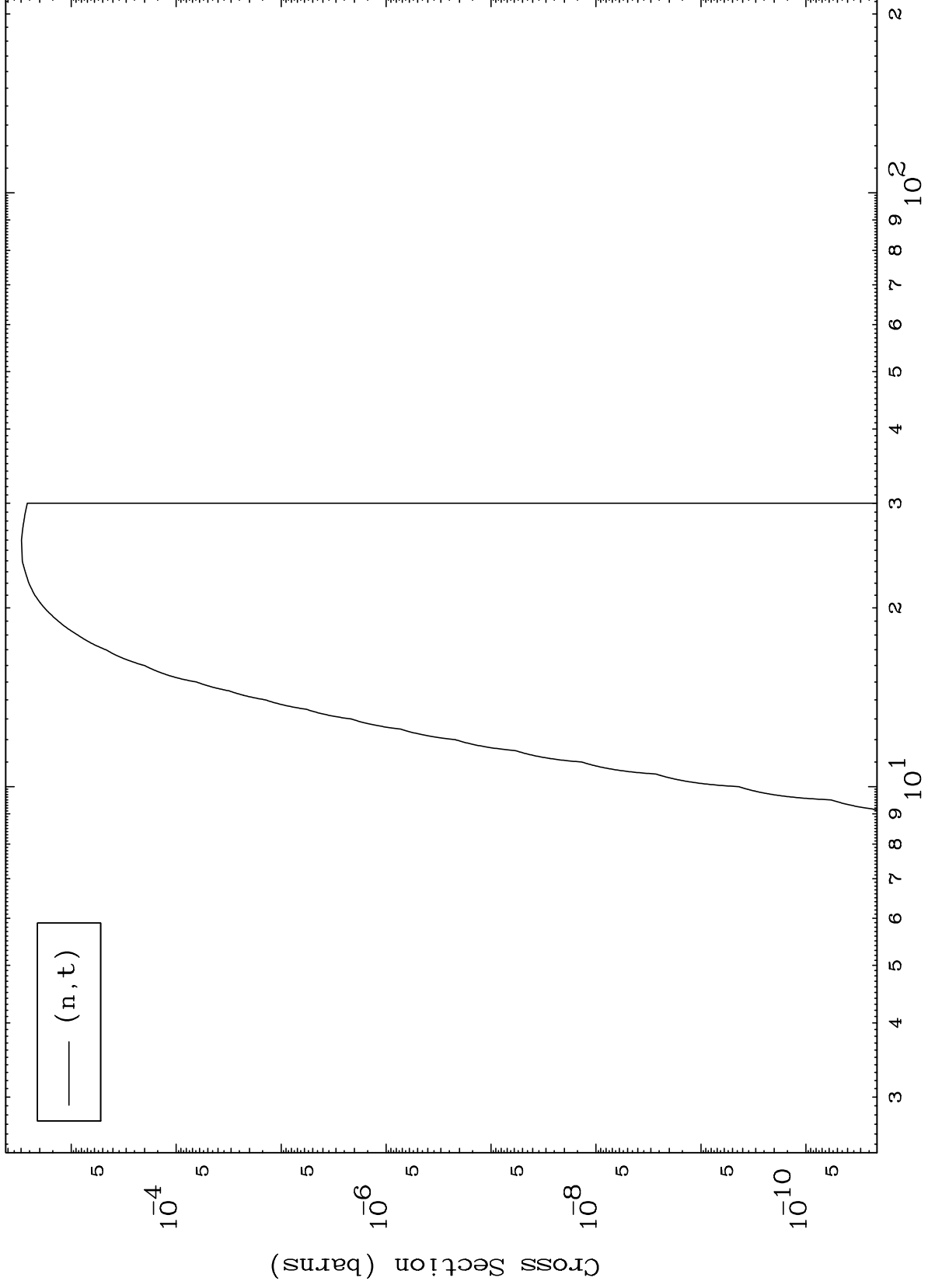
Incident Energy (MeV)

97-Bk-249

MAT 9752

(n,t) Levels
293 Kelvin Cross Sections

97-Bk-249



13

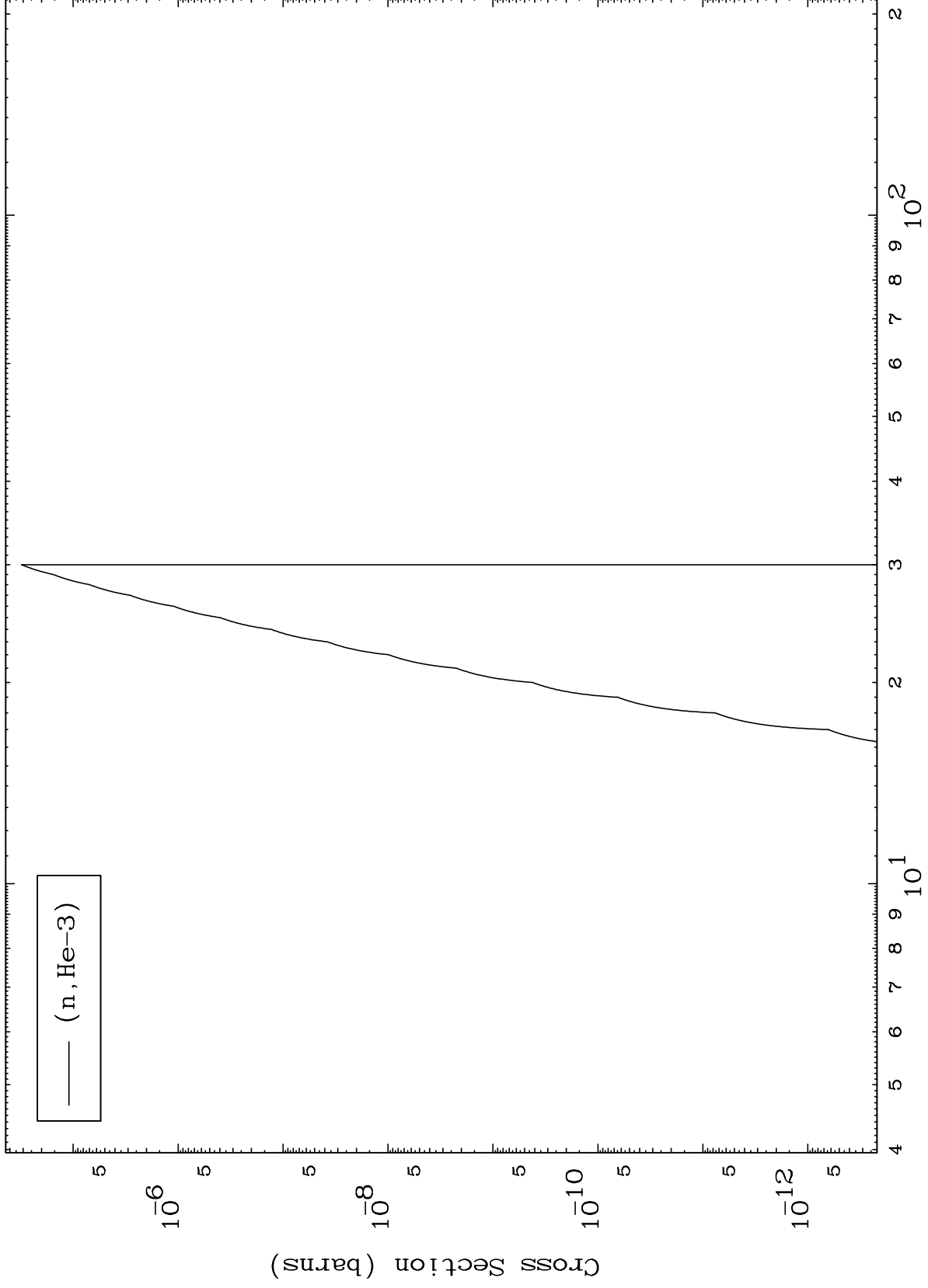
Incident Energy (MeV)

97-Bk-249

MAT 9752

(n,He3) Levels
293 Kelvin Cross Sections

97-Bk-249



14

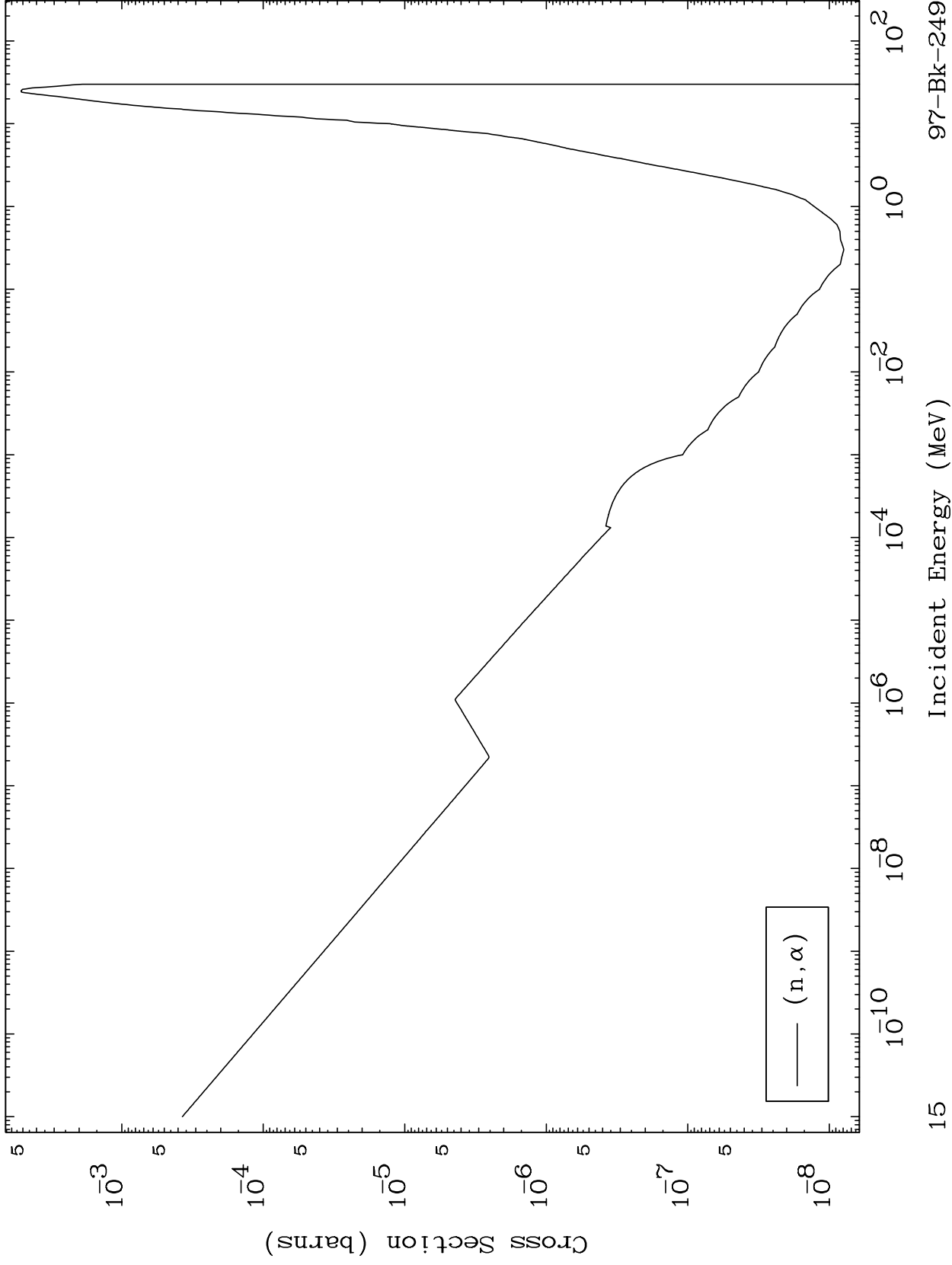
Incident Energy (MeV)

97-Bk-249

MAT 9752

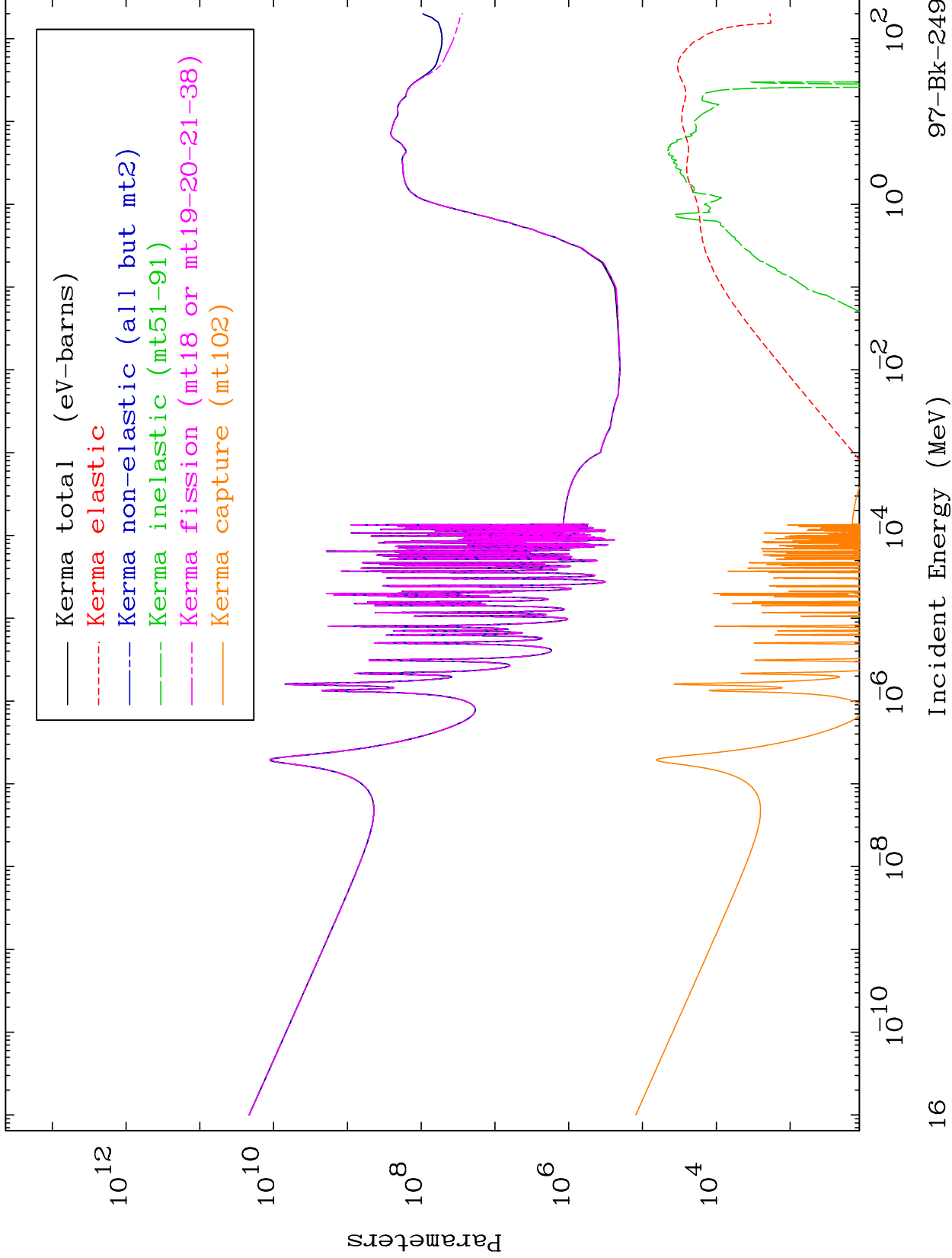
(n,α) Levels
293 Kelvin Cross Sections

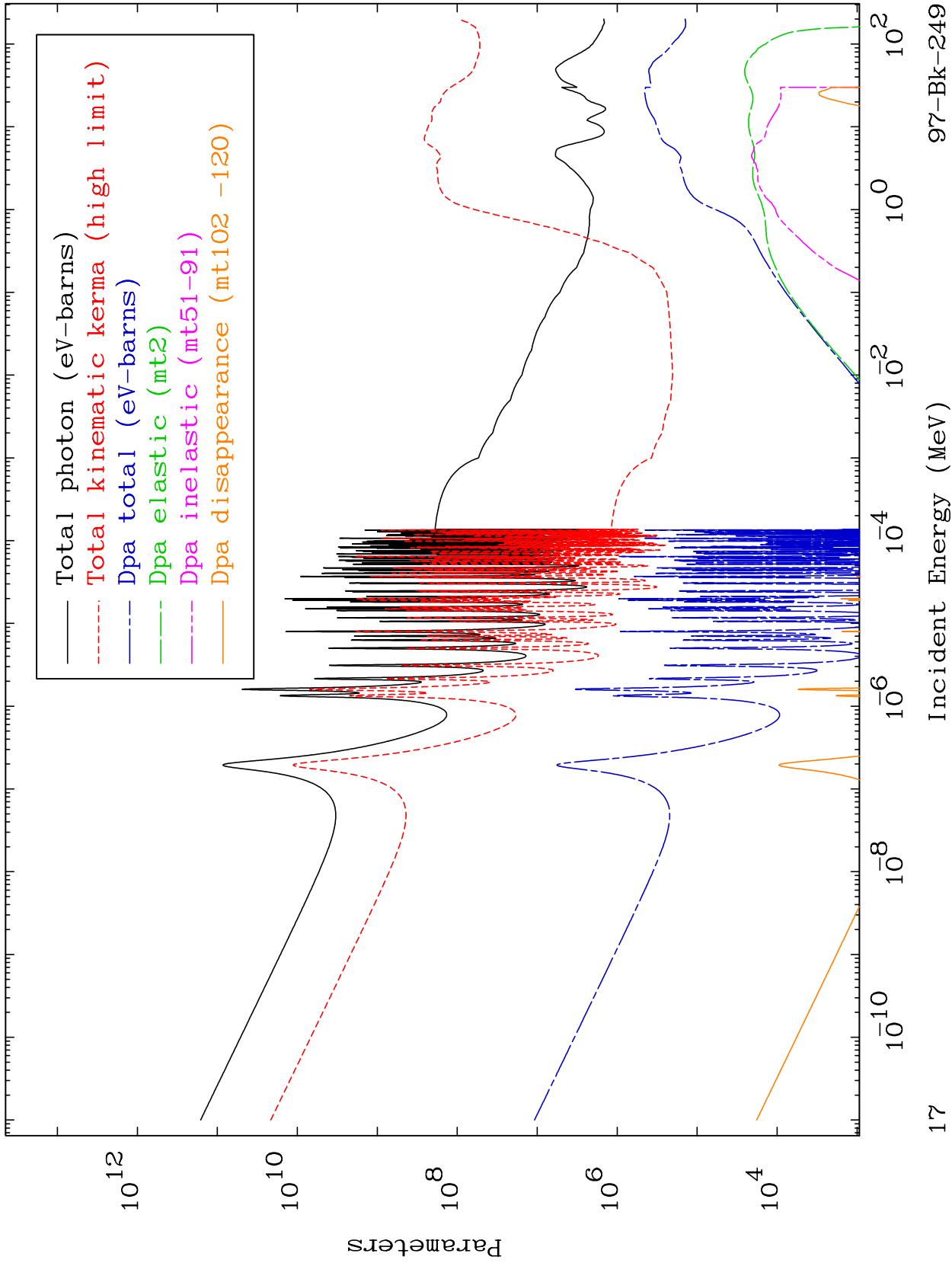
97-Bk-249



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97-Bk-249

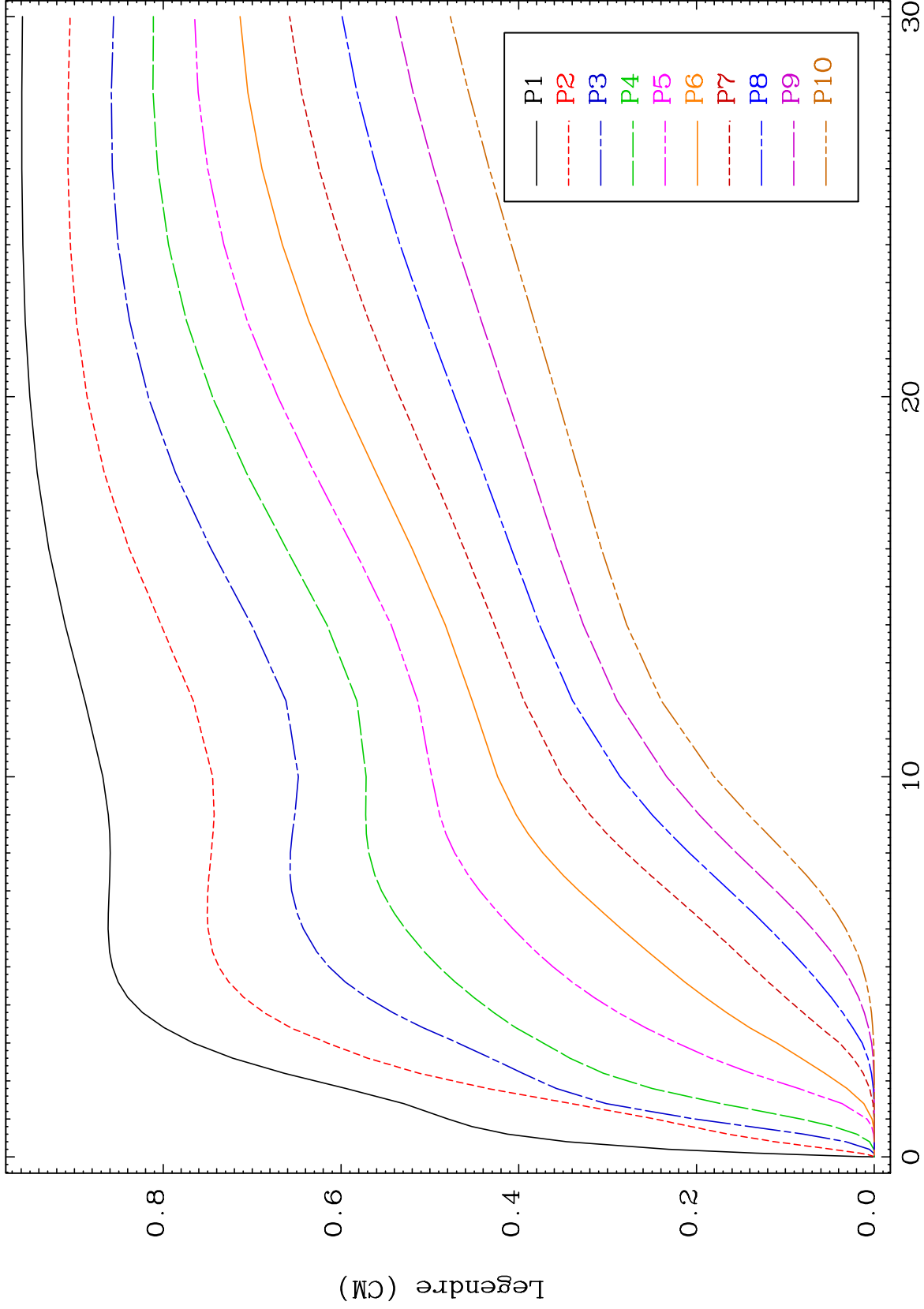




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Elastic Legendre Coefficients

97-Bk-249



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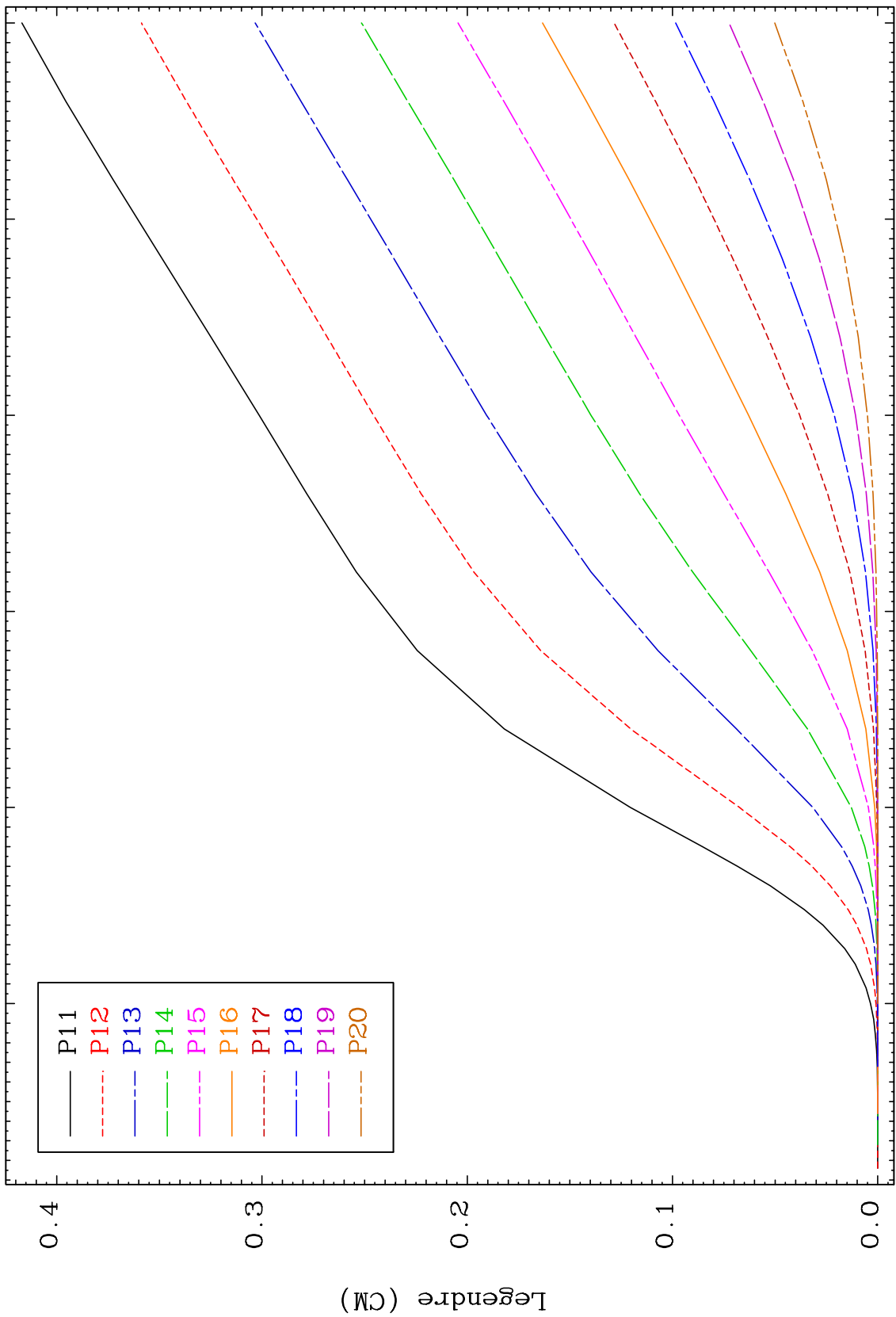
Incident Energy (MeV)

97-Bk-249

MAT 9752

Elastic Legendre Coefficients

97-Bk-249



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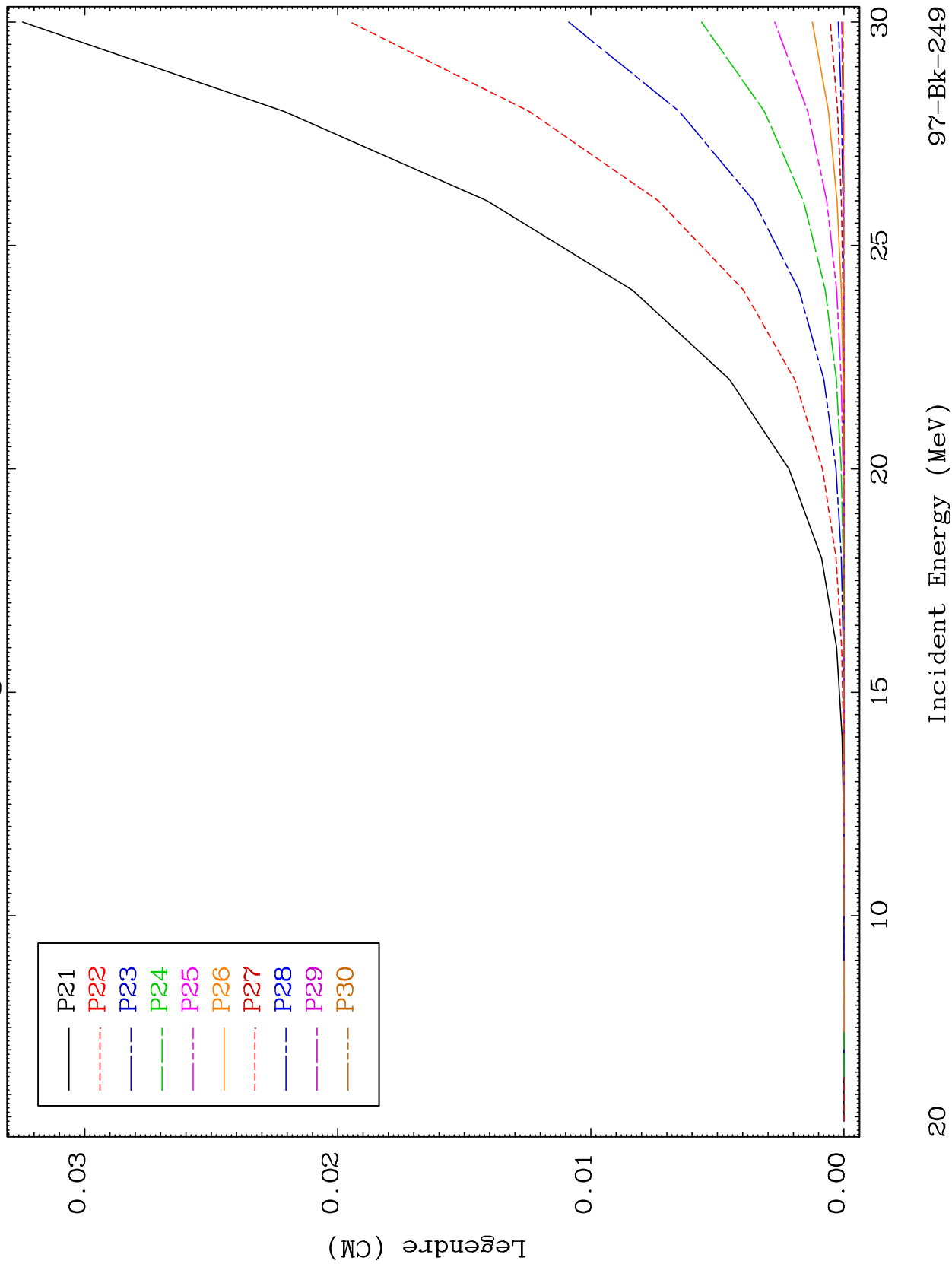
Incident Energy (MeV)

97-Bk-249

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Elastic Legendre Coefficients

97-Bk-249



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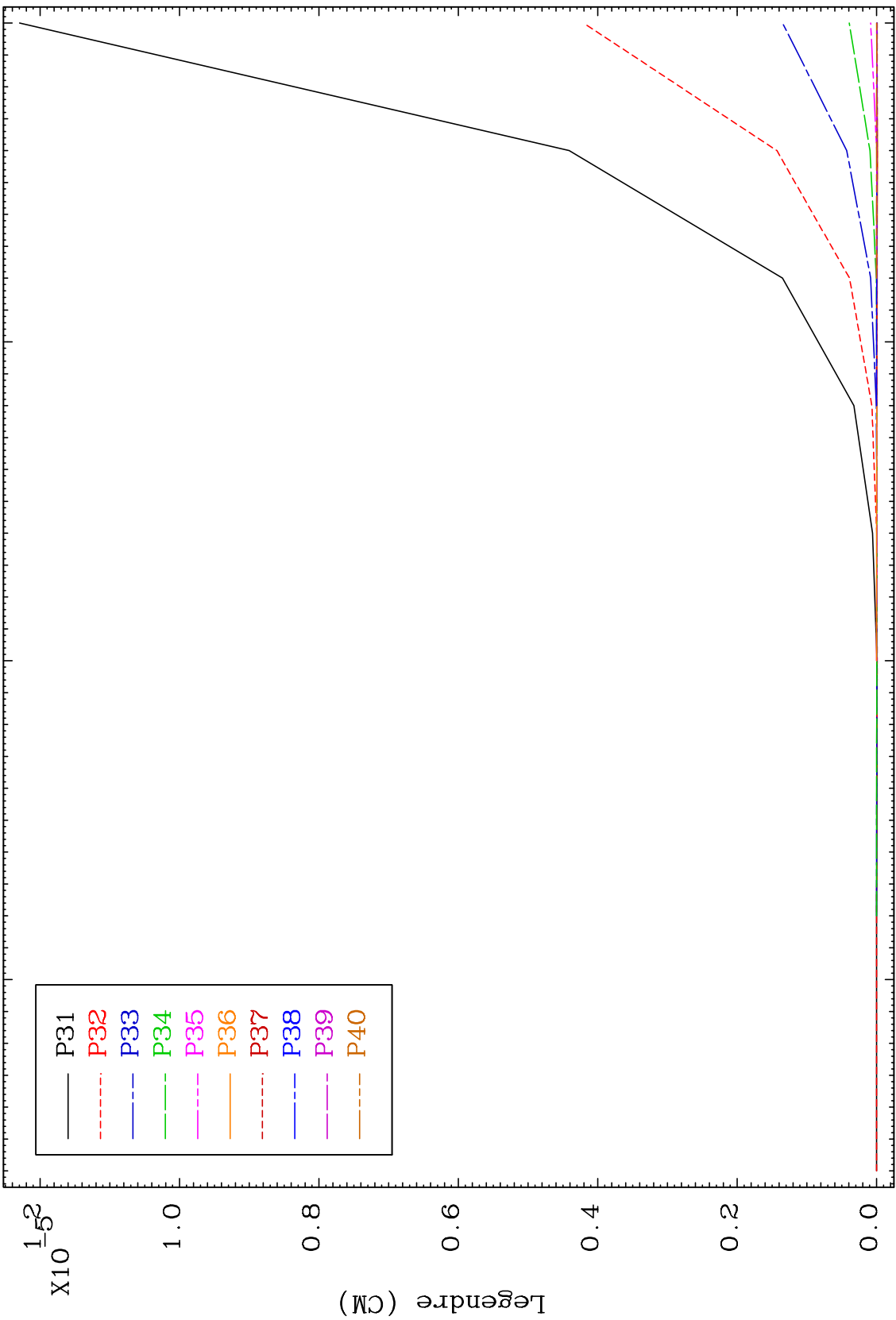
Incident Energy (MeV)

97-Bk-249

MAT 9752

Elastic Legendre Coefficients

97-Bk-249

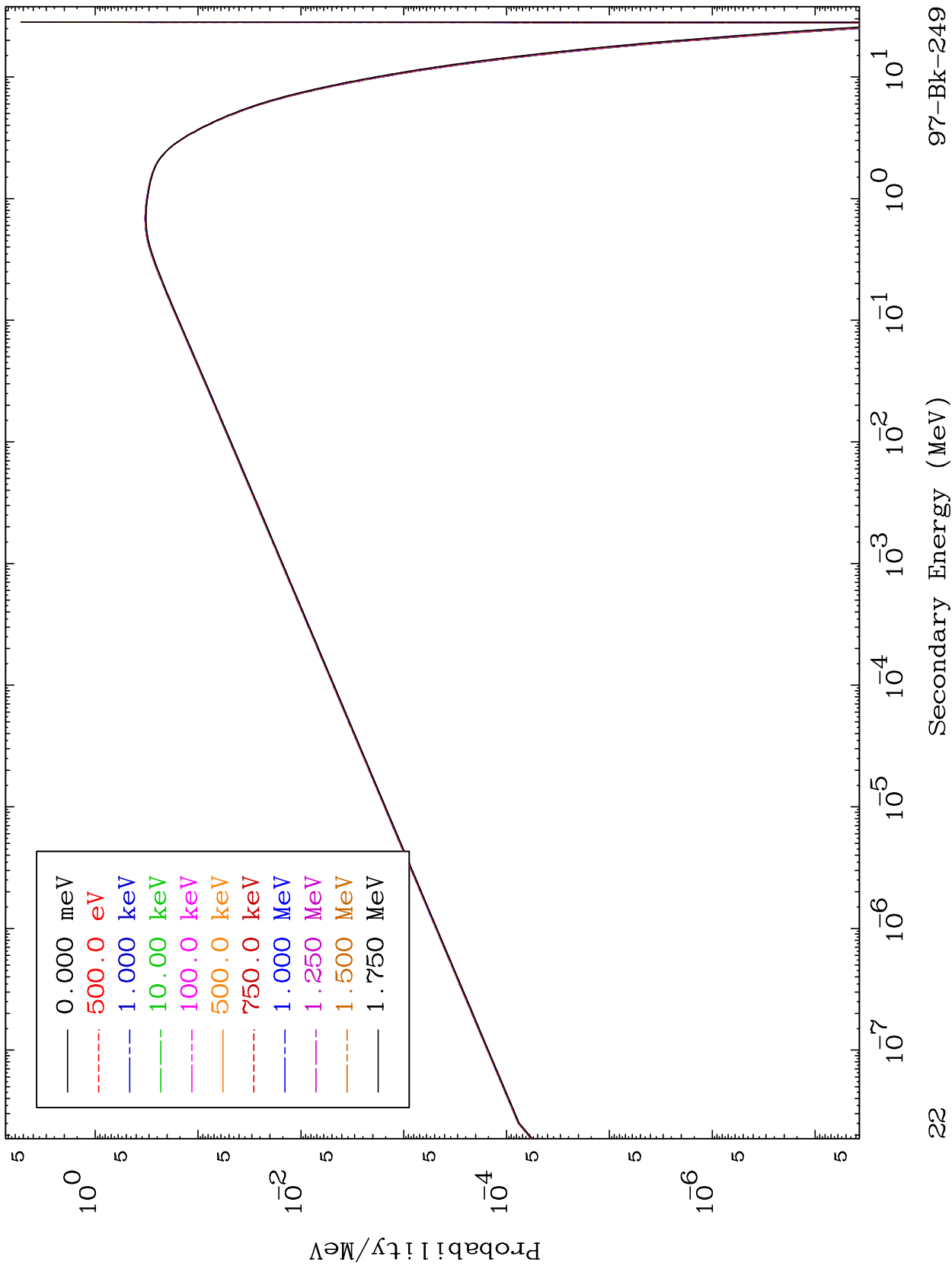


21

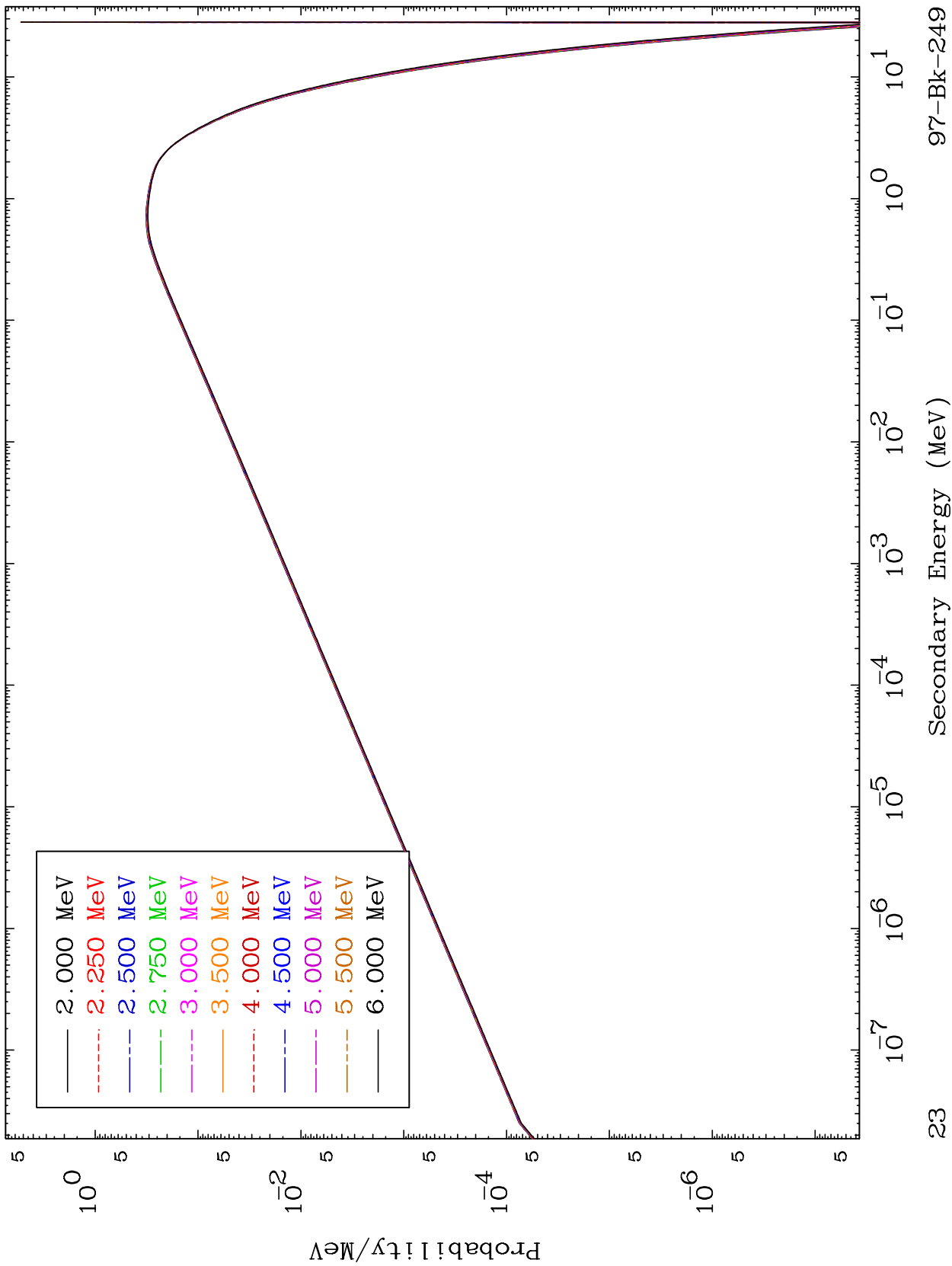
Incident Energy (MeV)

97-Bk-249

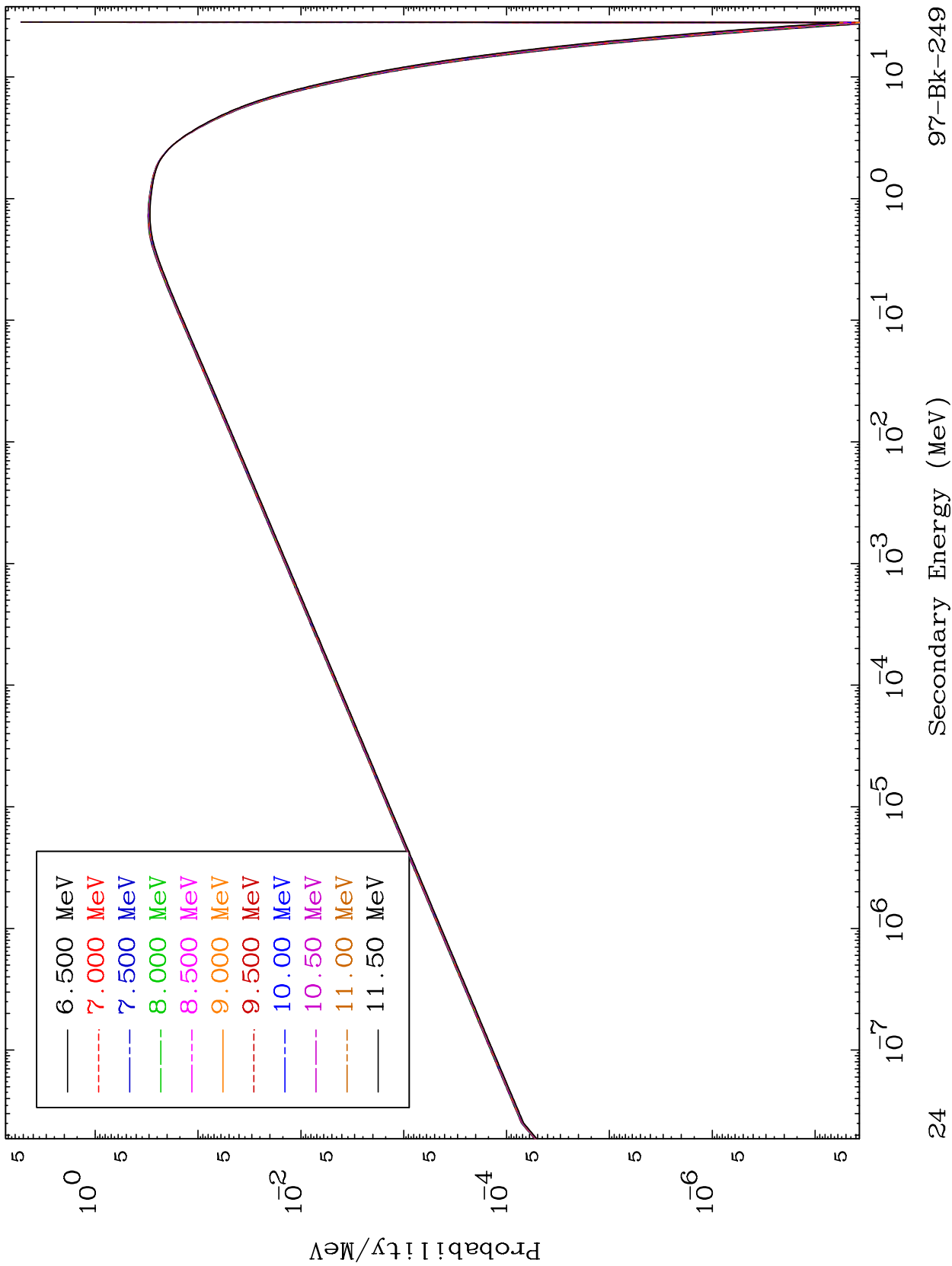
Fission Energy Distribution



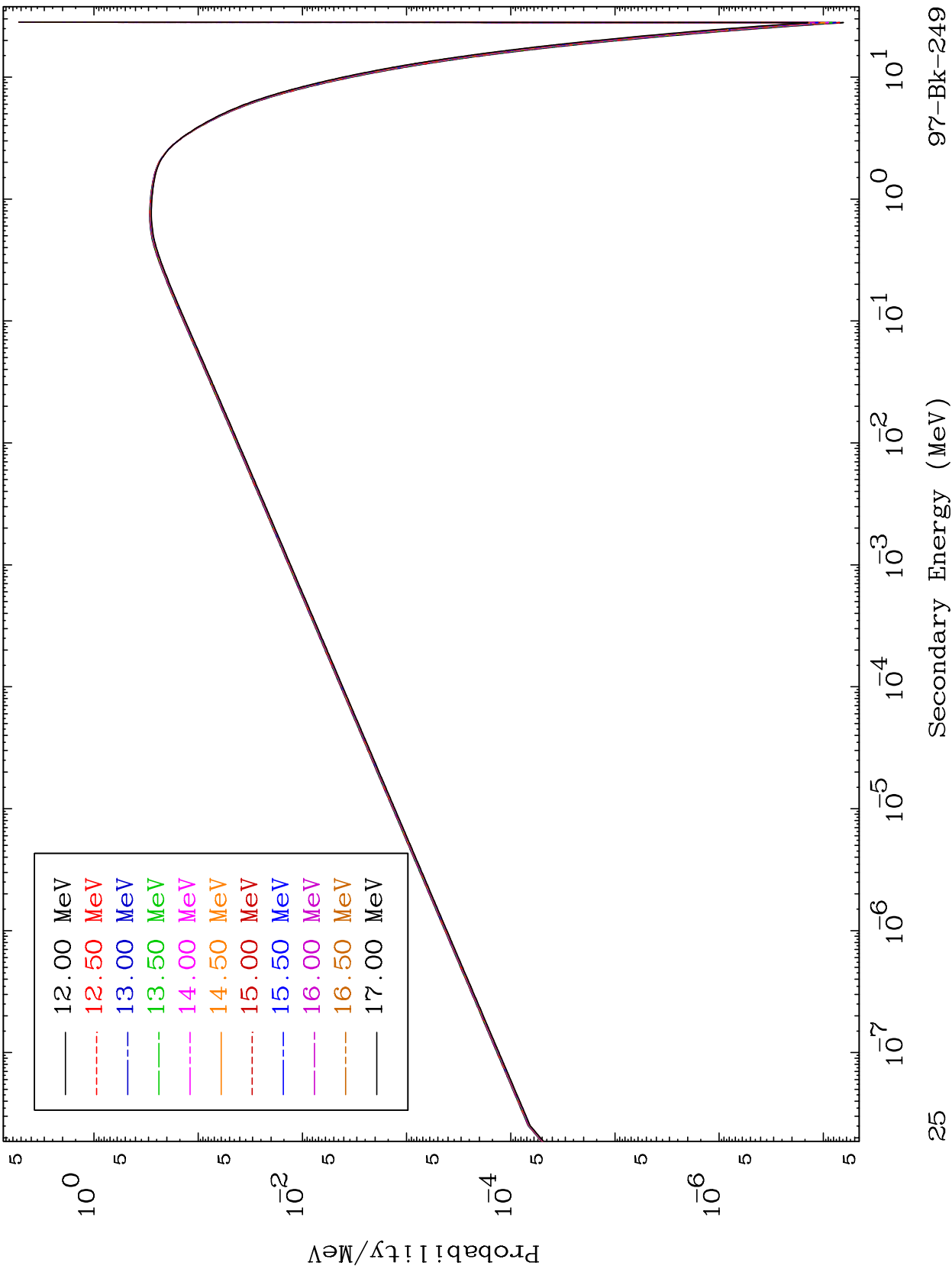
Fission Energy Distribution



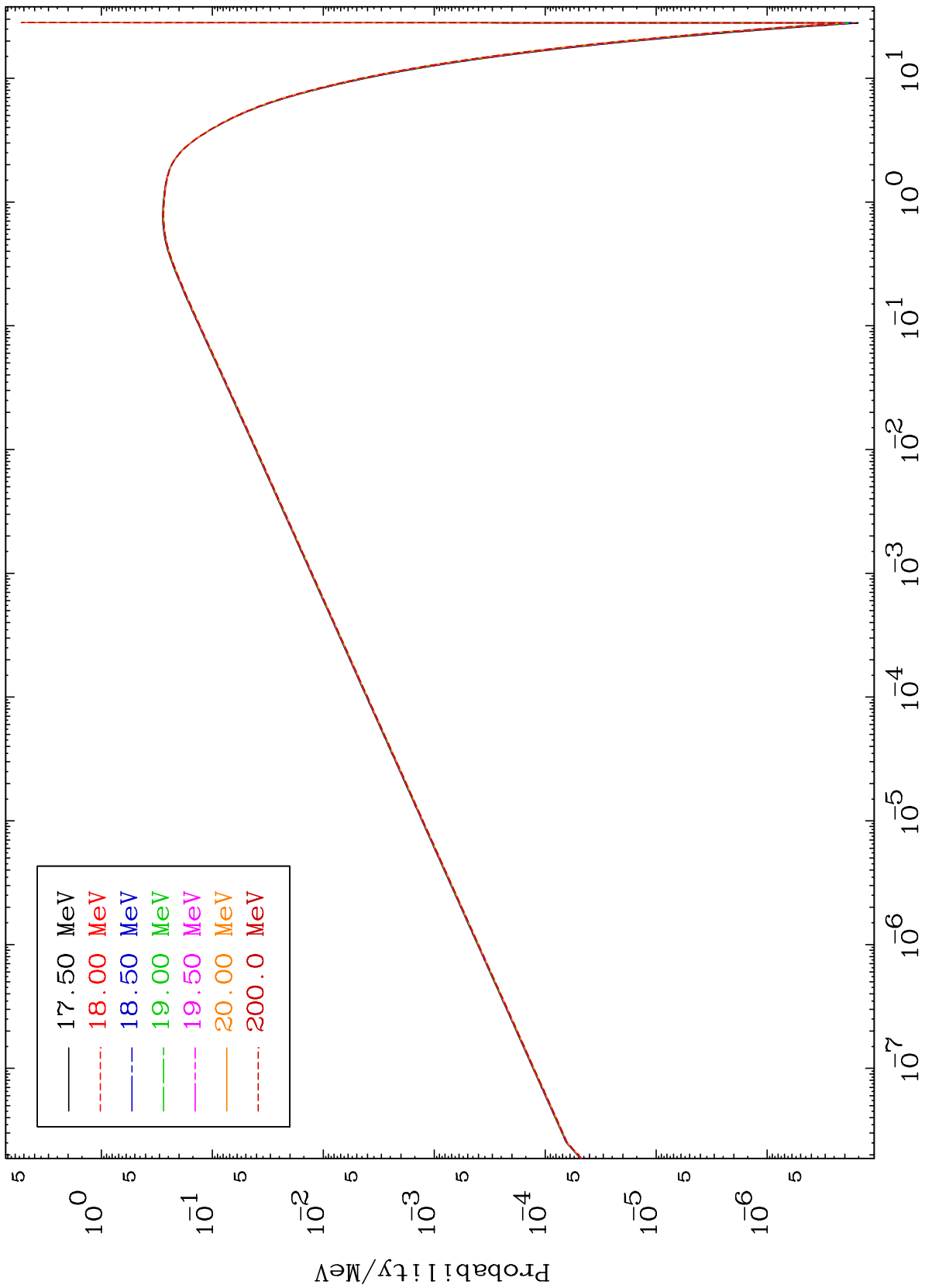
Fission Energy Distribution



Fission Energy Distribution



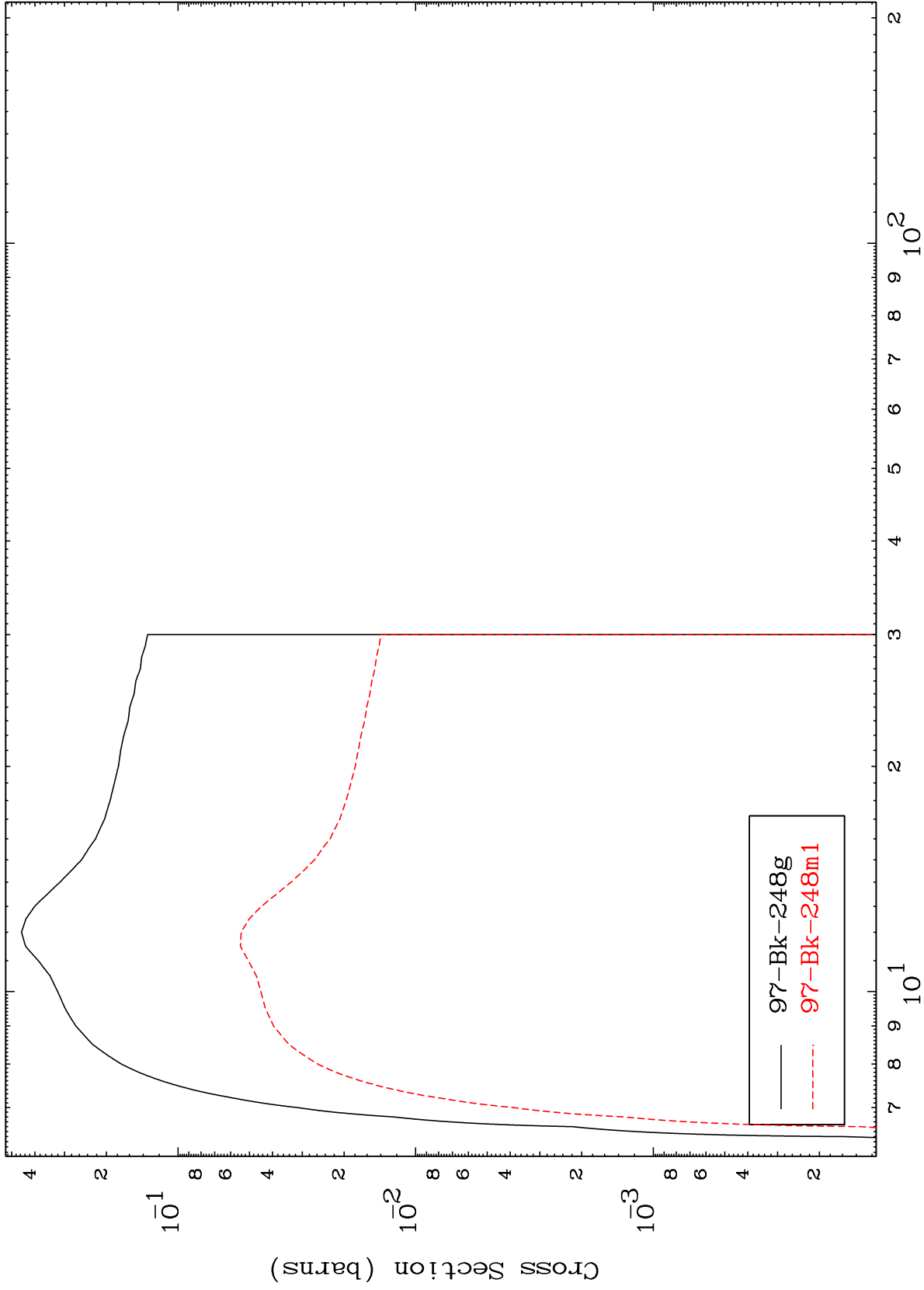
Fission
Energy Distribution



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97-Bk-249

Radionuclide Production Cross Section
(n,2n)



97-Bk-249

Incident Energy (MeV)

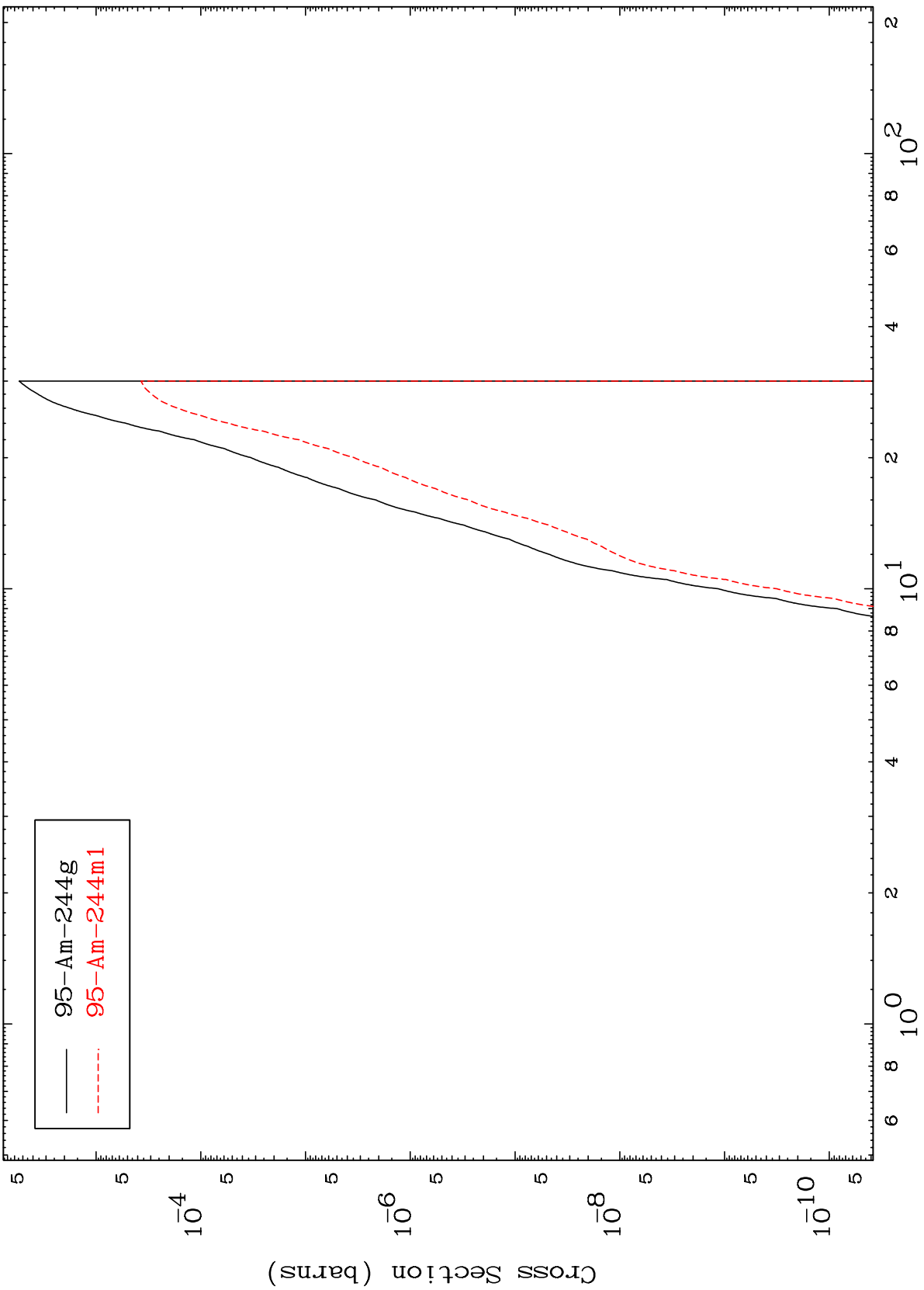
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(n,2n) α

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Radionuclide Production Cross Section



95-Am-244g
95-Am-244m1

28

Incident Energy (MeV)

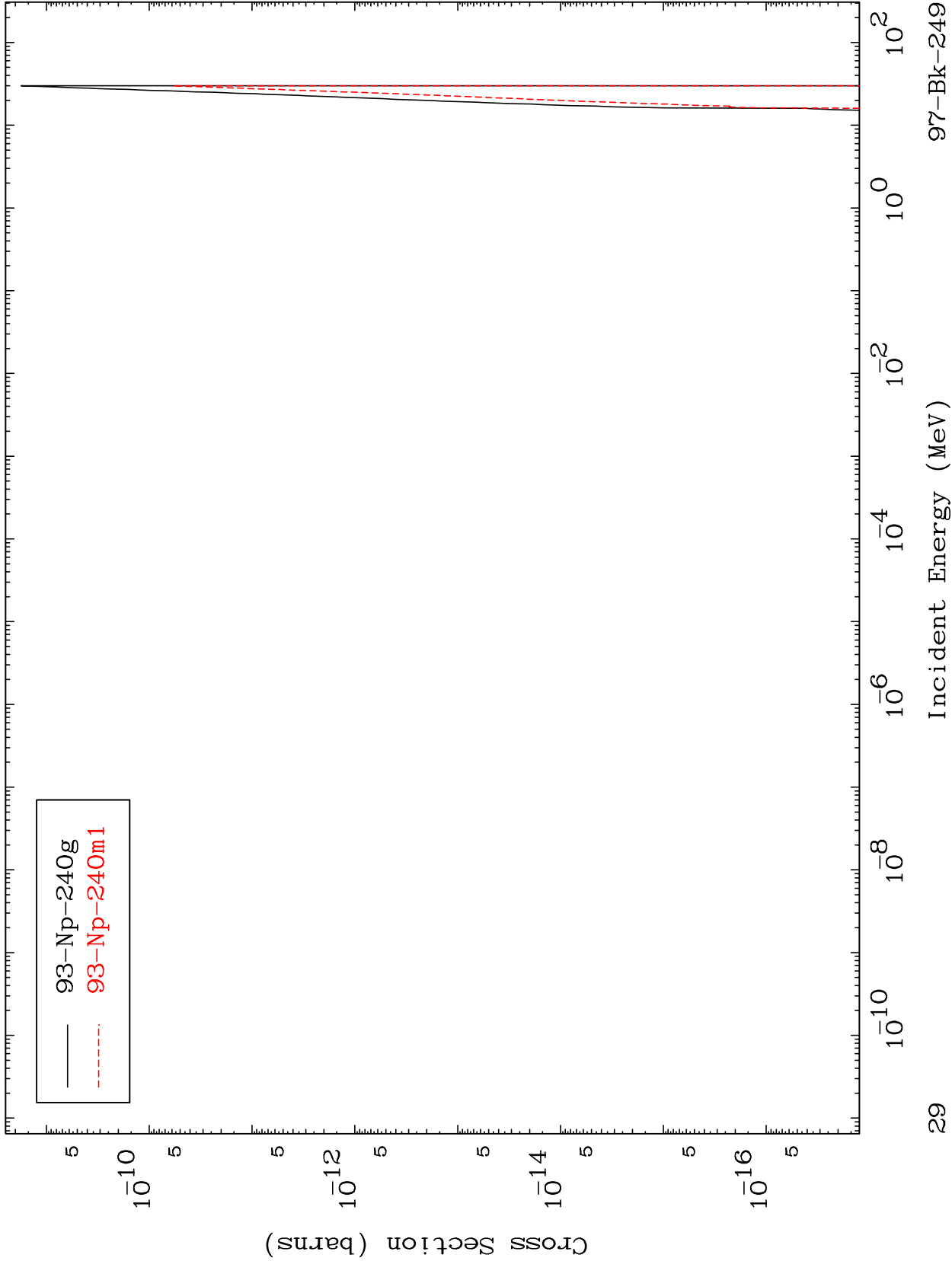
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$^{97}\text{Bk-249}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section

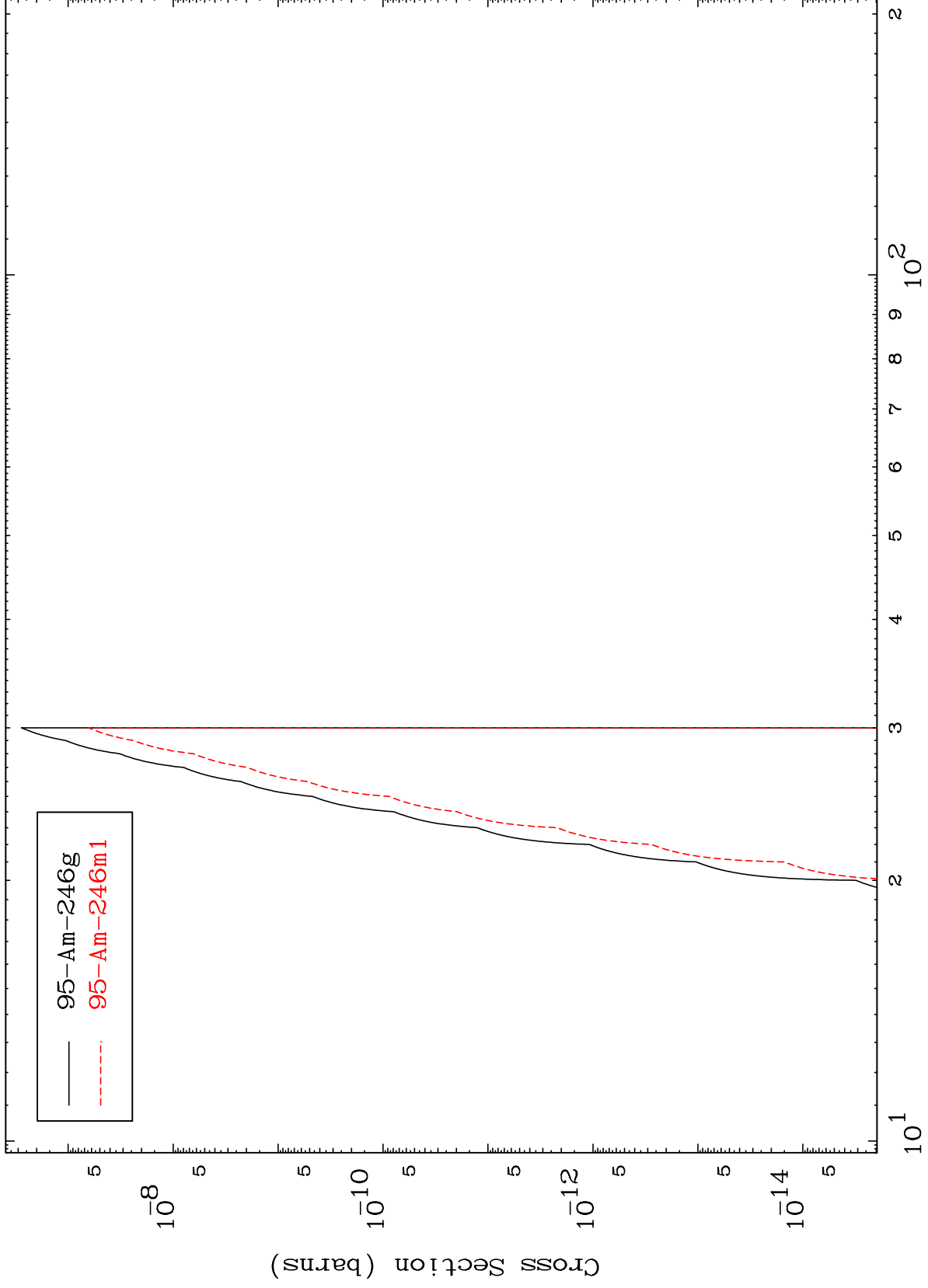


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(n,n') He-3

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Radionuclide Production Cross Section



95-Am-246g
95-Am-246m1

Incident Energy (MeV)

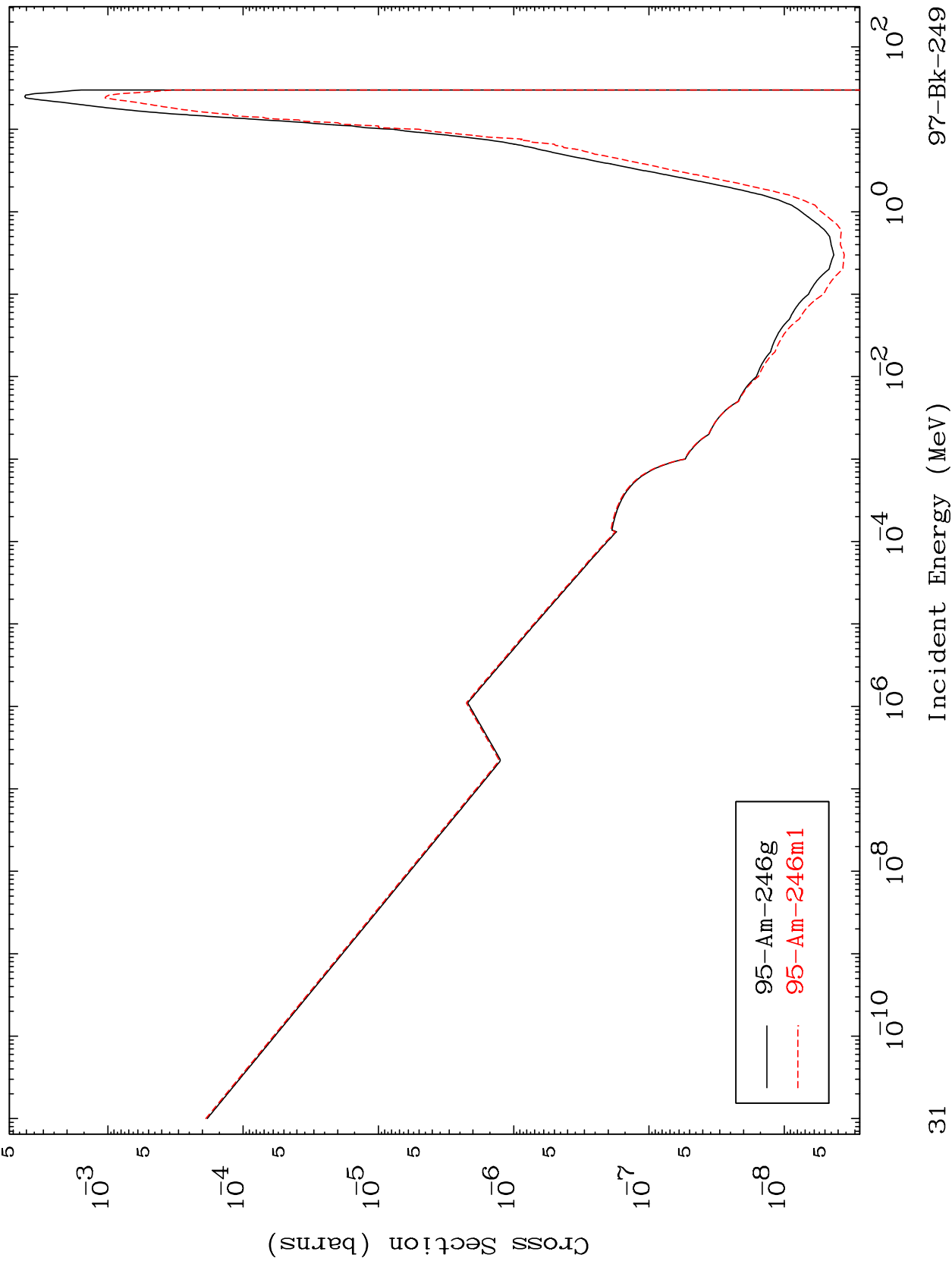
97-Bk-249

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97-Bk-249

Radionuclide Production Cross Section

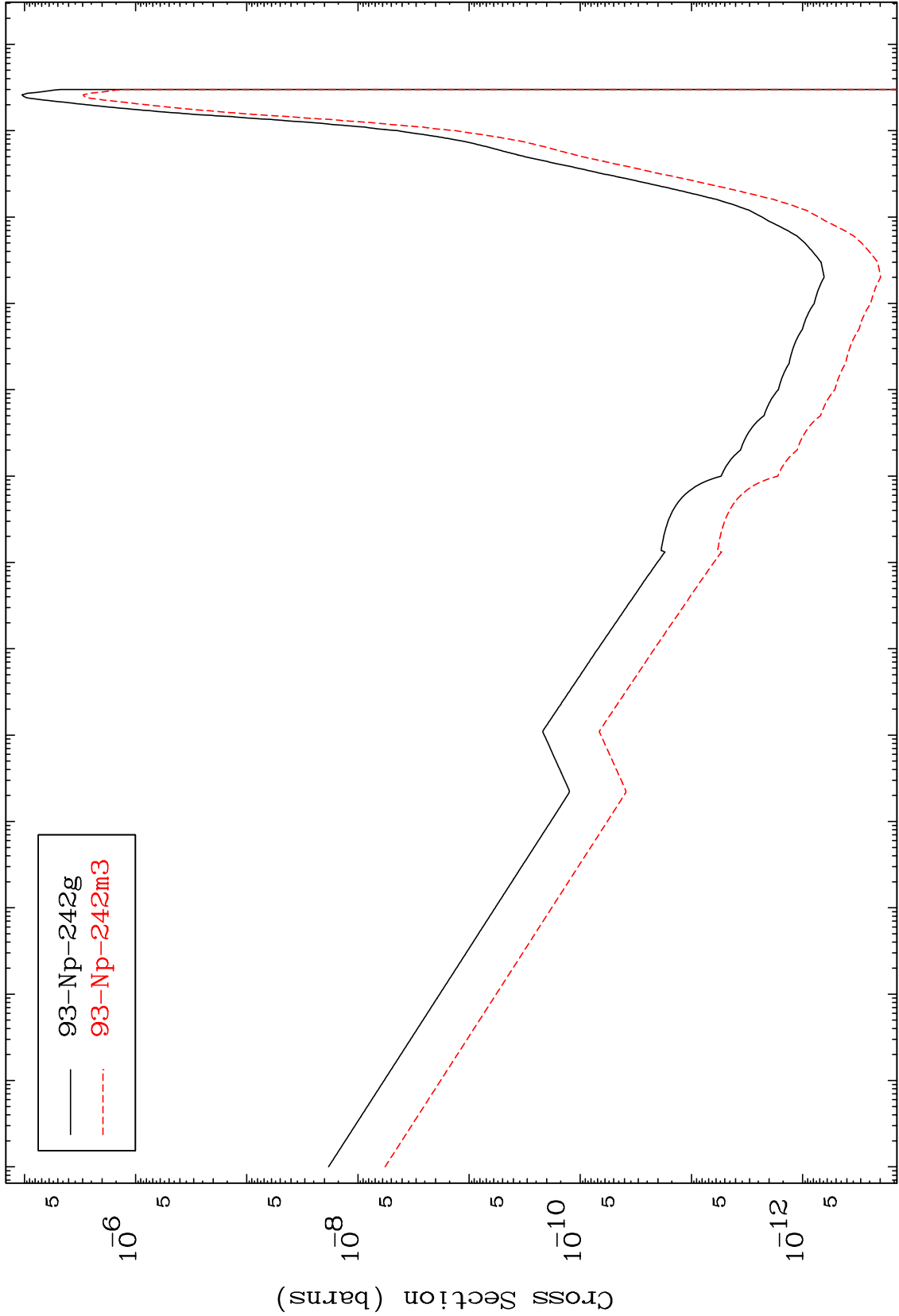
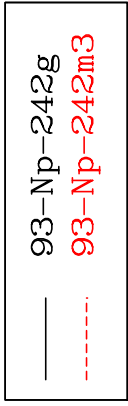


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(n,2α)

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Radionuclide Production Cross Section



Cross Section (barns)

Incident Energy (MeV)

97-Bk-249