

Program EVALPLOT
(Version 2018-1)

by

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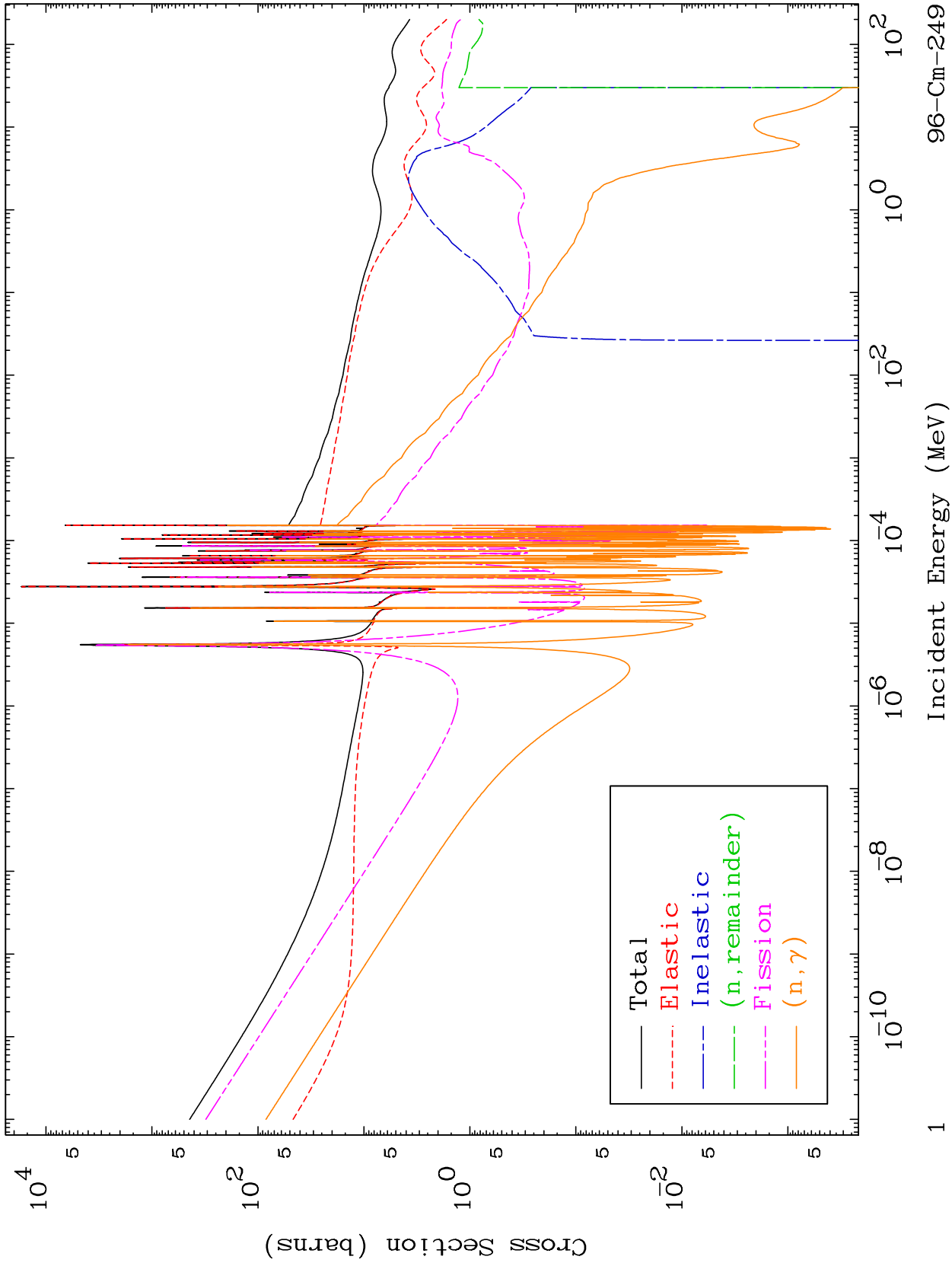
Press Mouse Button to Start

MAT 9652

Major

293 Kelvin Cross Sections

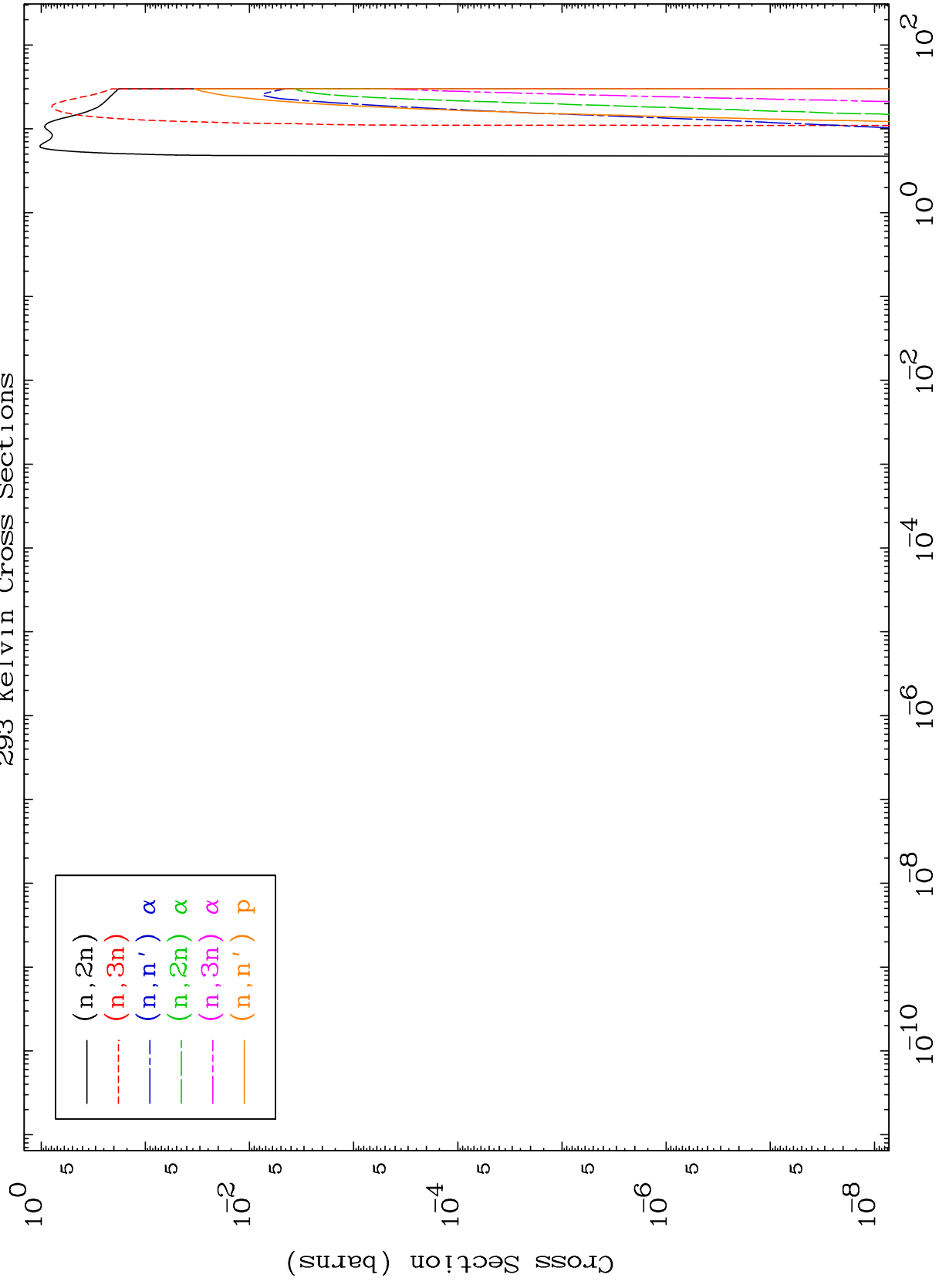
96-Cm-249



MAT 9652

Neutron Production
293 Kelvin Cross Sections

96-Cm-249

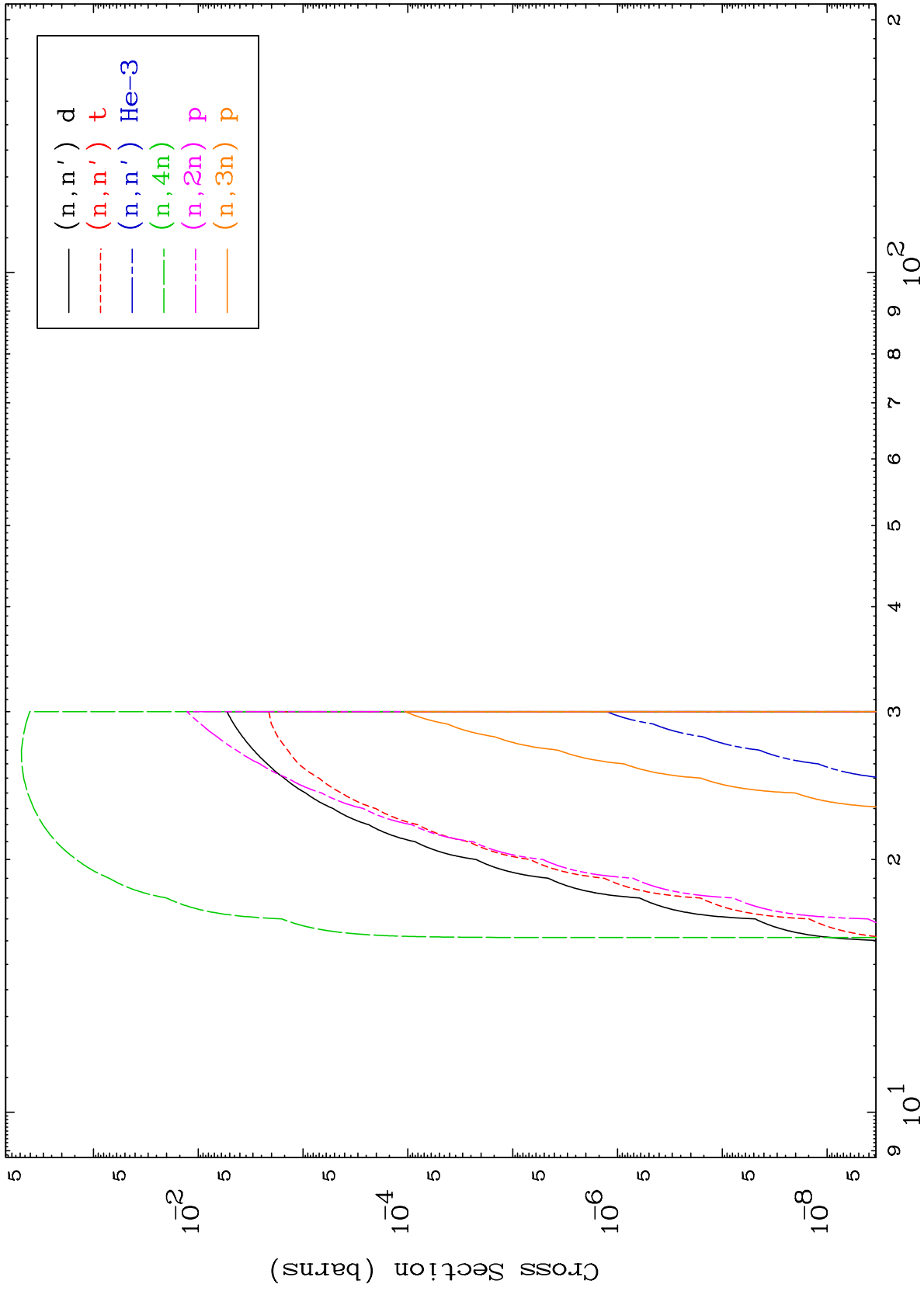


96-Cm-249

MAT 9652

Neutron Production
293 Kelvin Cross Sections

96-Cm-249



96-Cm-249

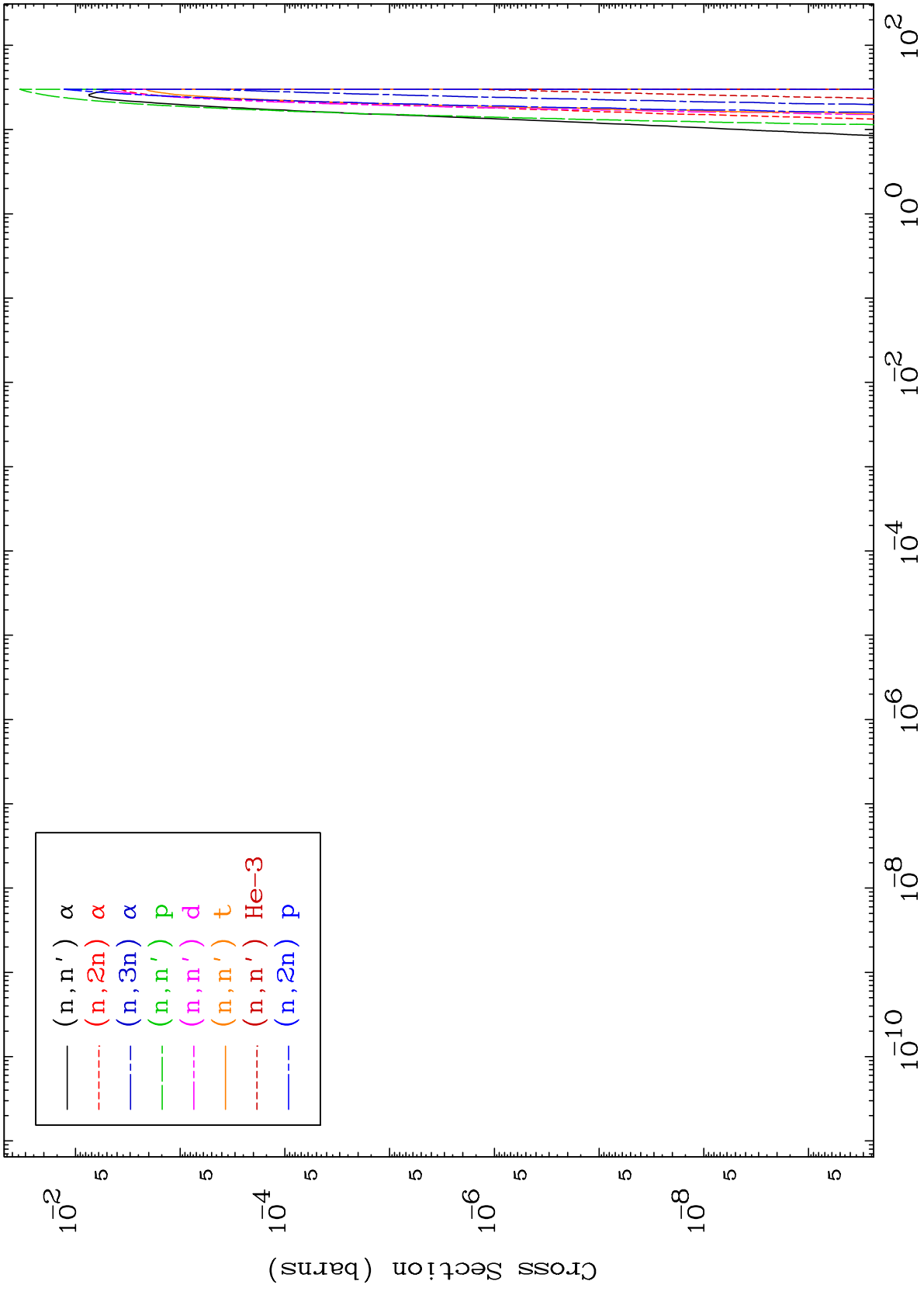
Incident Energy (MeV)

3

MAT 9652

Charged Particle
293 Kelvin Cross Sections

96-Cm-249

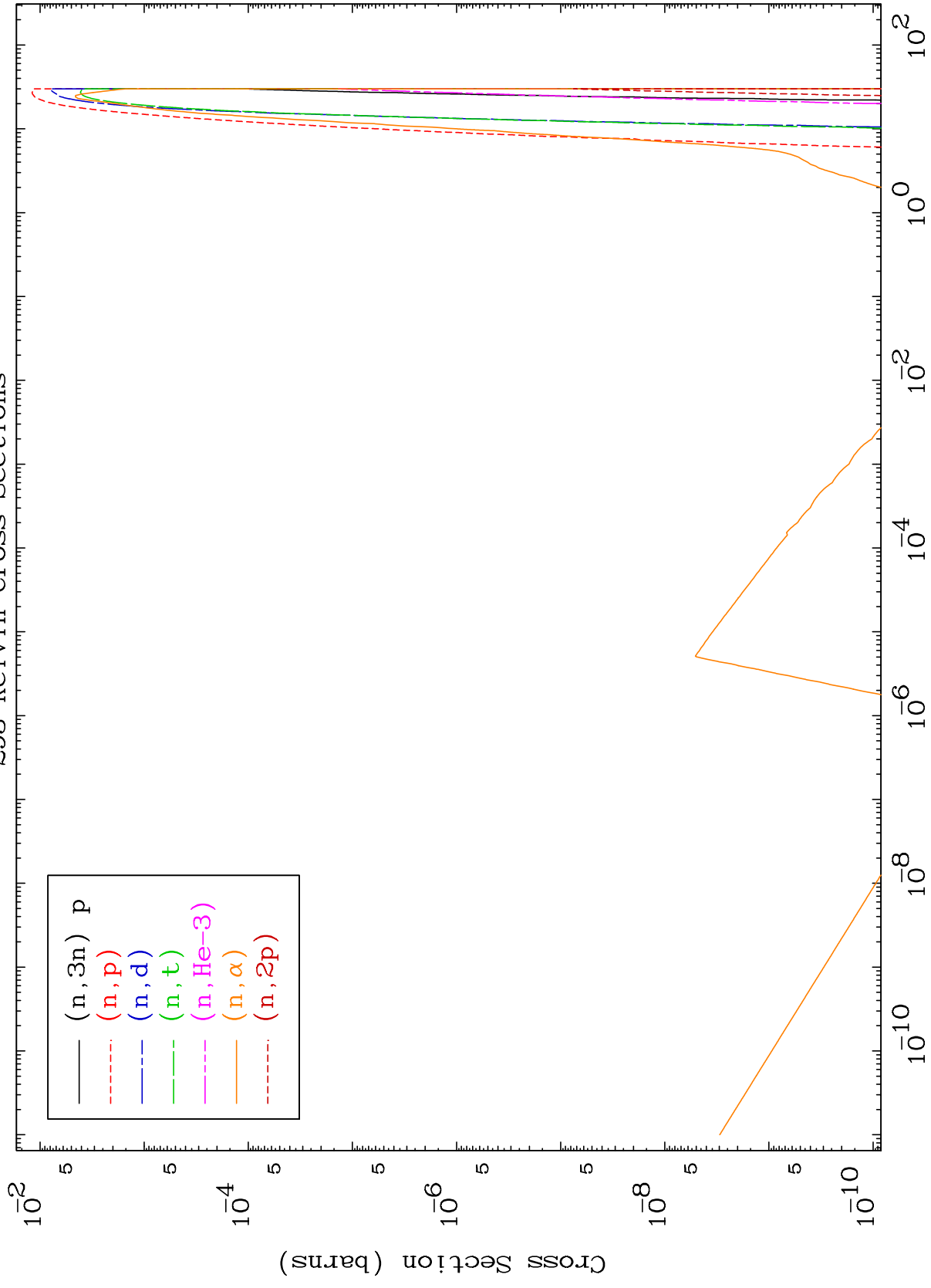


96-Cm-249

MAT 9652

Charged Particle
293 Kelvin Cross Sections

96-Cm-249

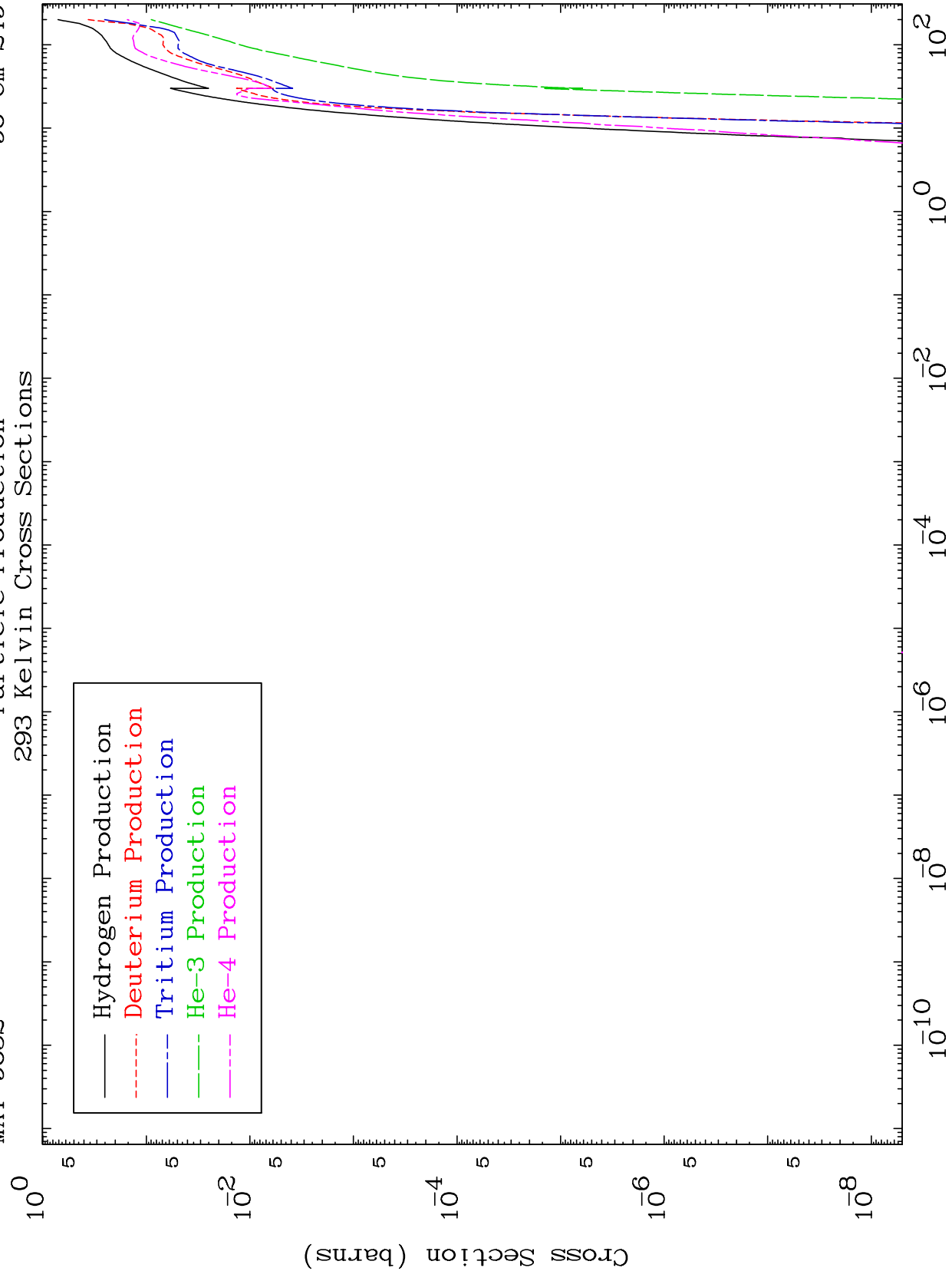


96-Cm-249

MAT 9652

Particle Production
293 Kelvin Cross Sections

96-Cm-249



6

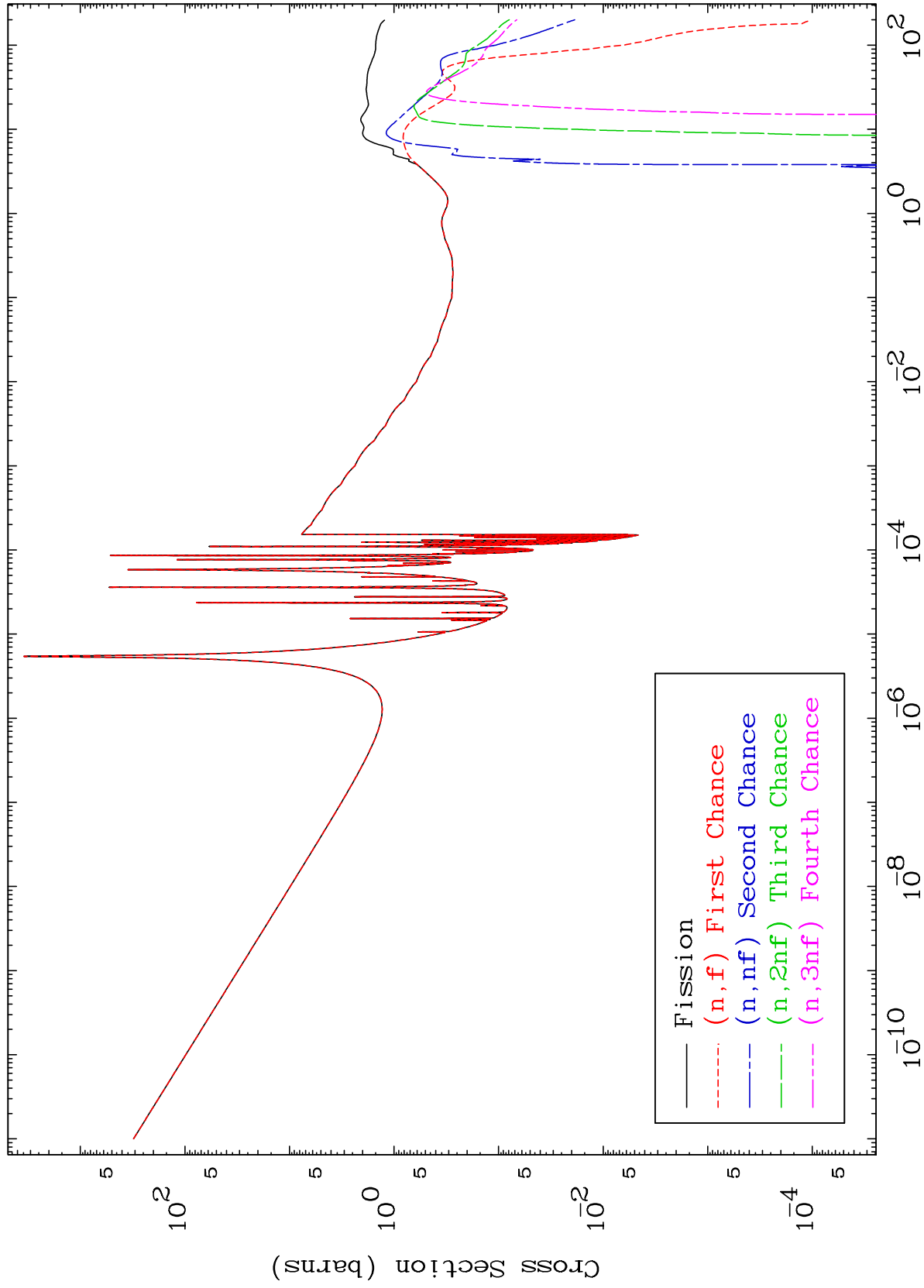
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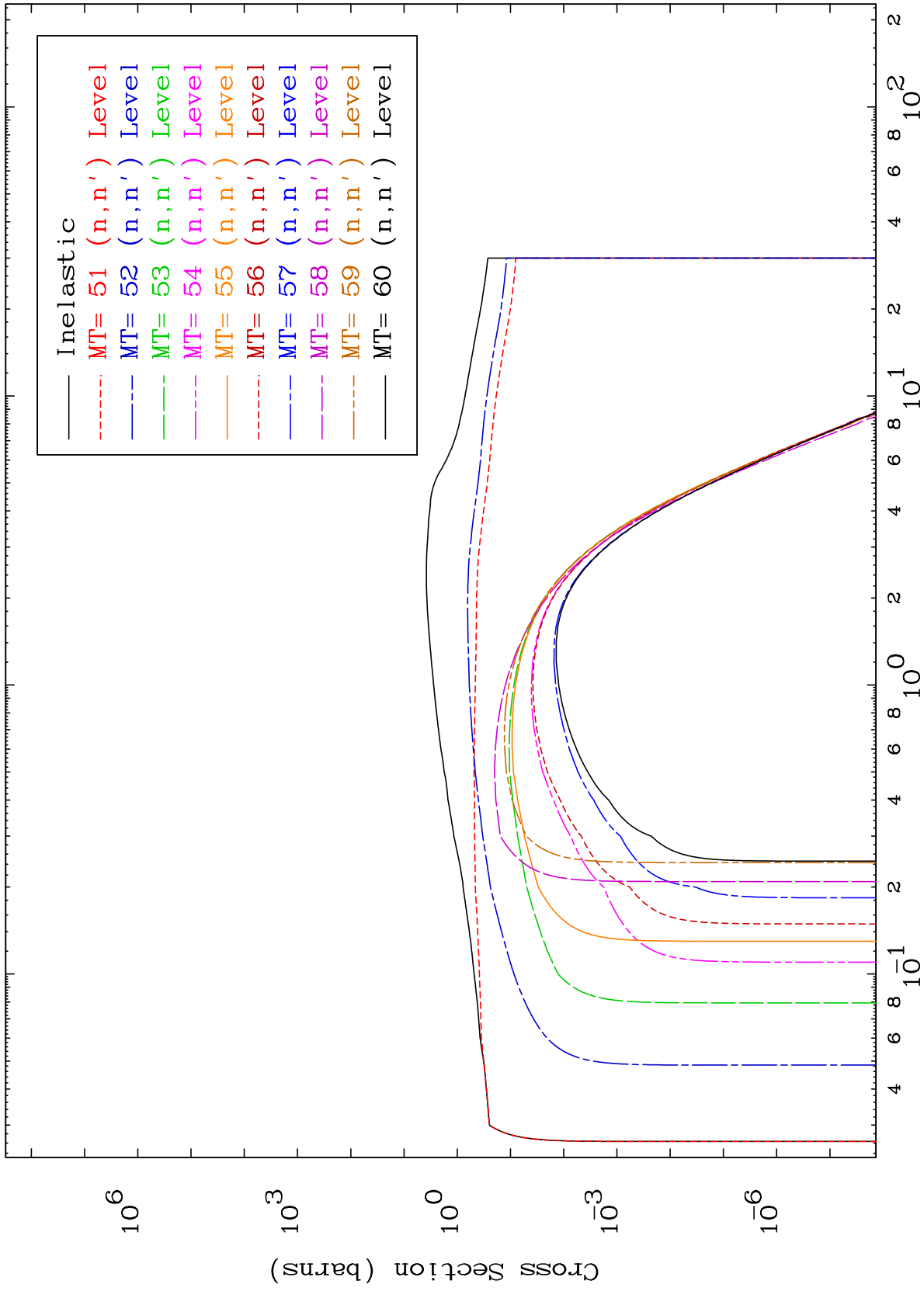
96-Cm-249

MAT 9652

Fission
293 Kelvin Cross Sections

96-Cm-249

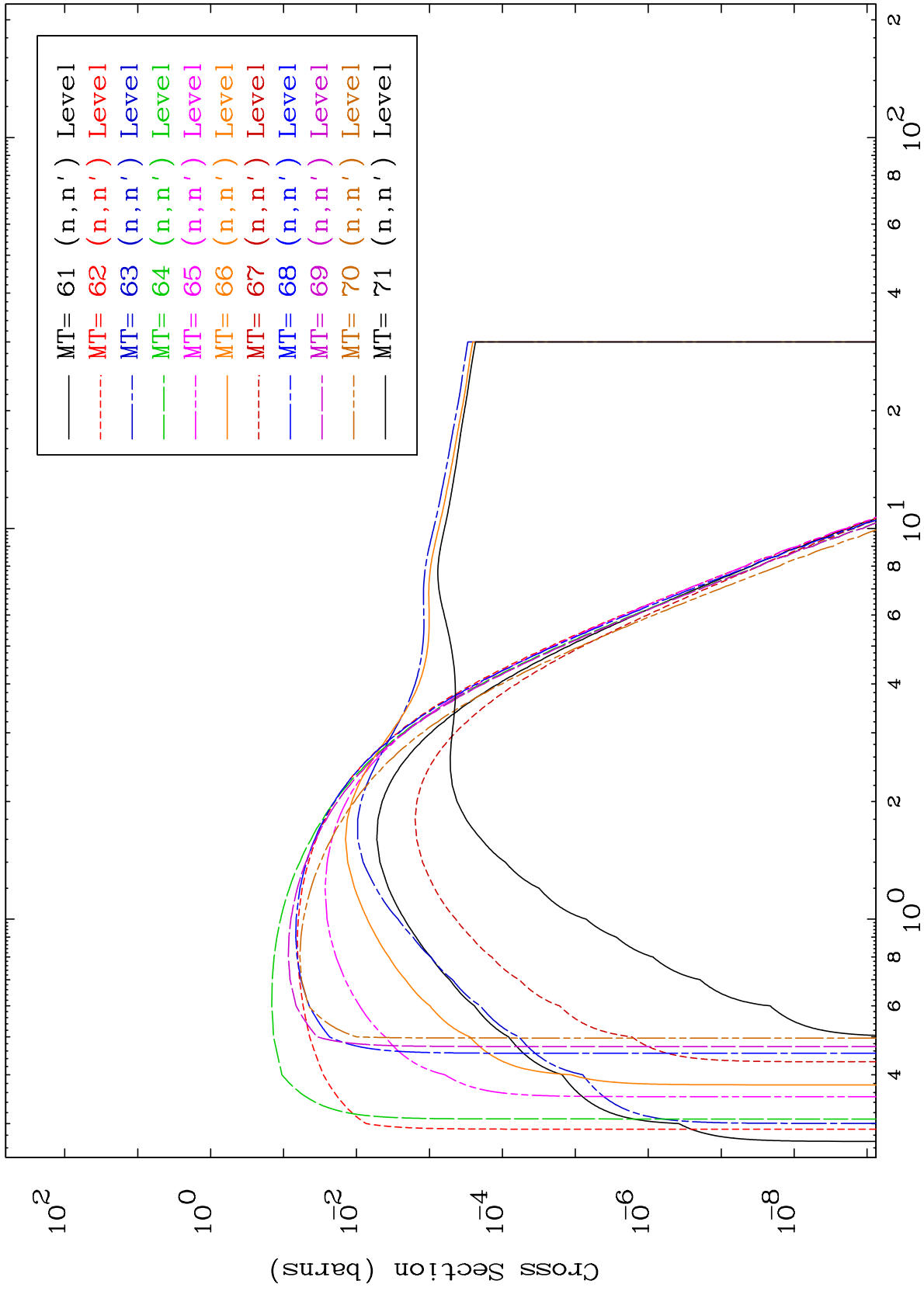




MAT 9652

(n,n') Level
293 Kelvin Cross Sections

96-Cm-249



9

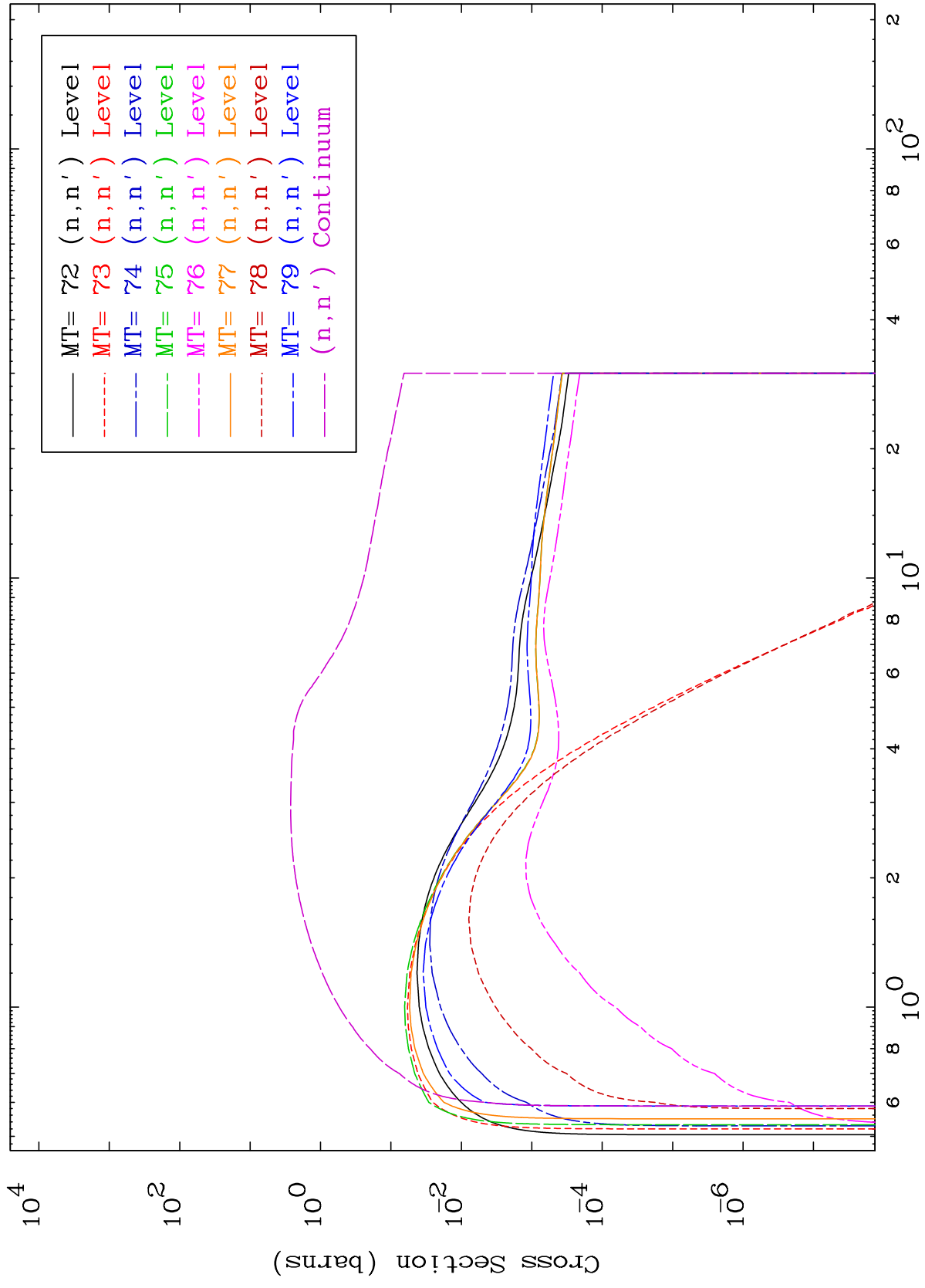
Incident Energy (MeV)

96-Cm-249

MAT 9652

(n,n') Level
293 Kelvin Cross Sections

96-Cm-249



10

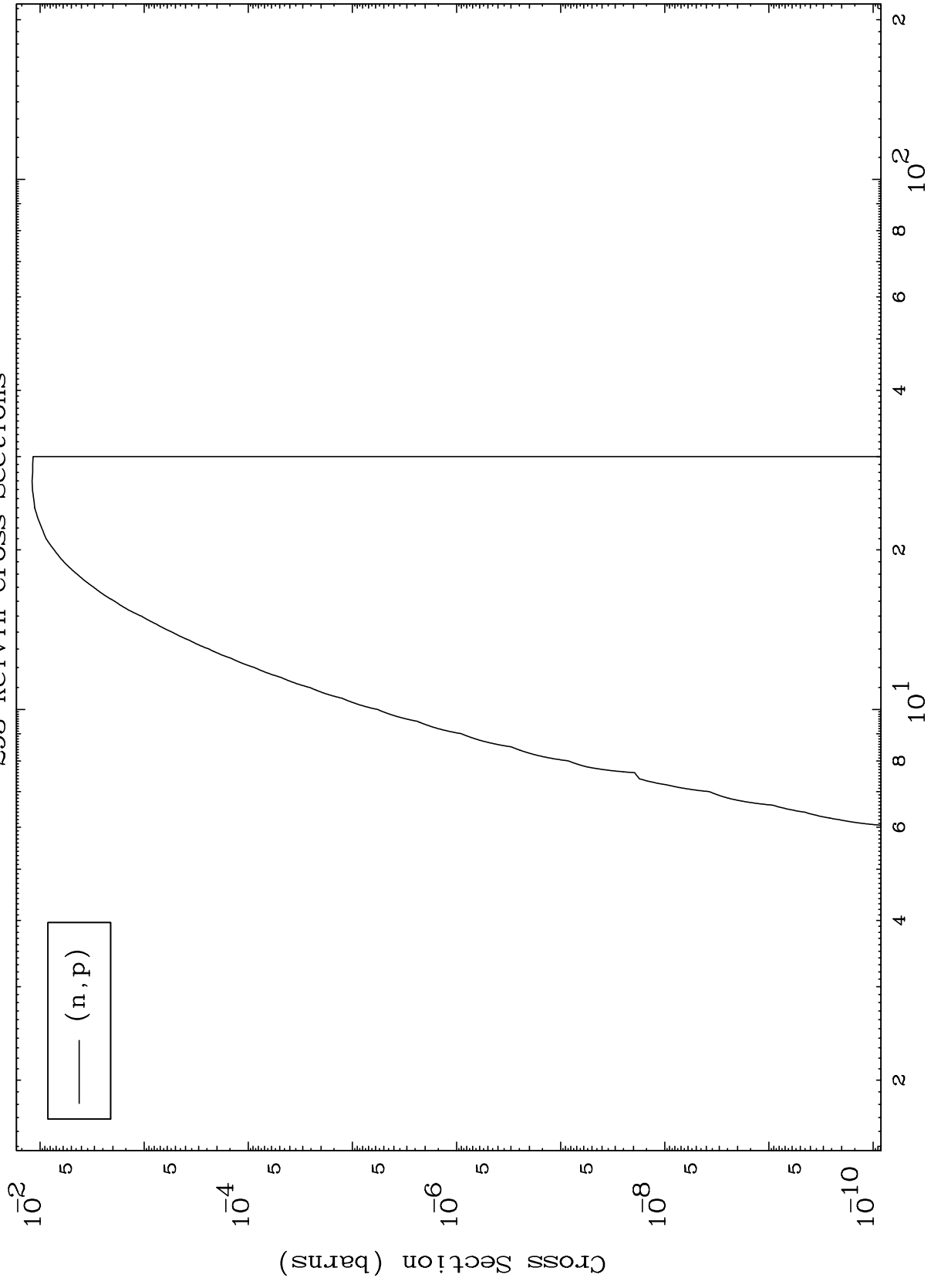
Incident Energy (MeV)

96-Cm-249

MAT 9652

(n,p) Levels
293 Kelvin Cross Sections

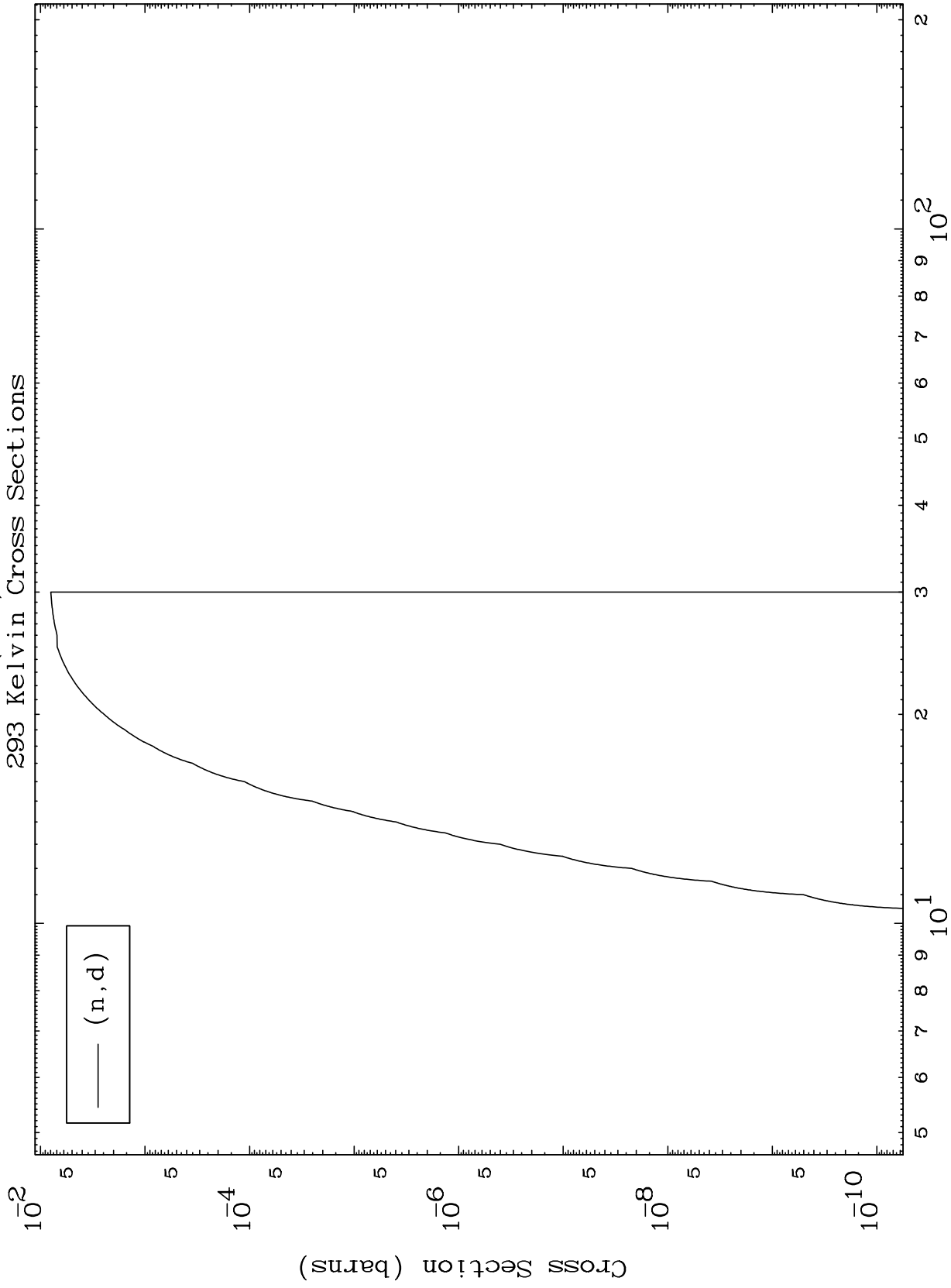
96-Cm-249



MAT 9652

(n,d) Levels
293 Kelvin Cross Sections

96-Cm-249



12

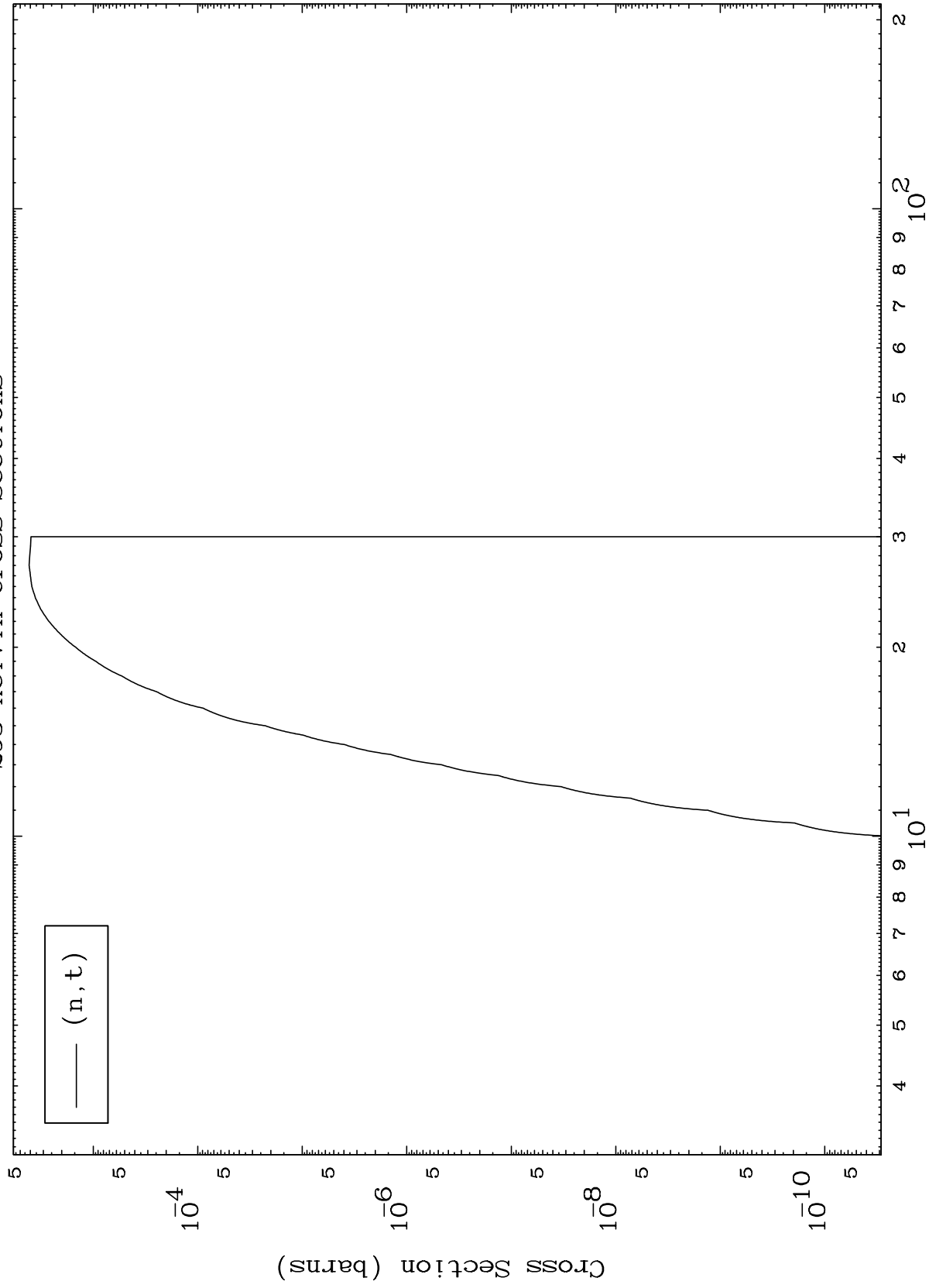
Incident Energy (MeV)

96-Cm-249

MAT 9652

(n,t) Levels
293 Kelvin Cross Sections

96-Cm-249



13

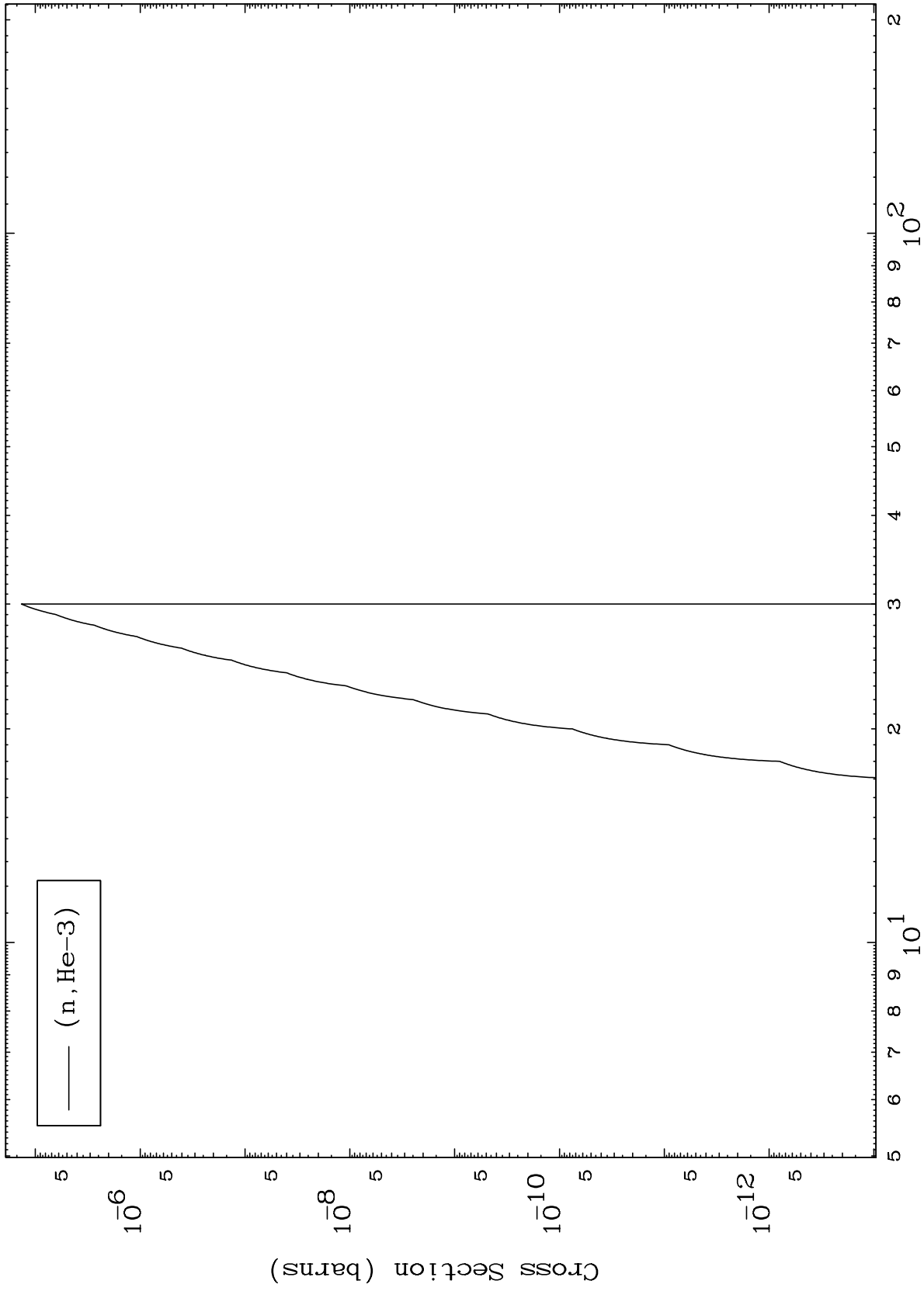
Incident Energy (MeV)

96-Cm-249

MAT 9652

96-Cm-249

(n,He3) Levels
293 Kelvin Cross Sections



14

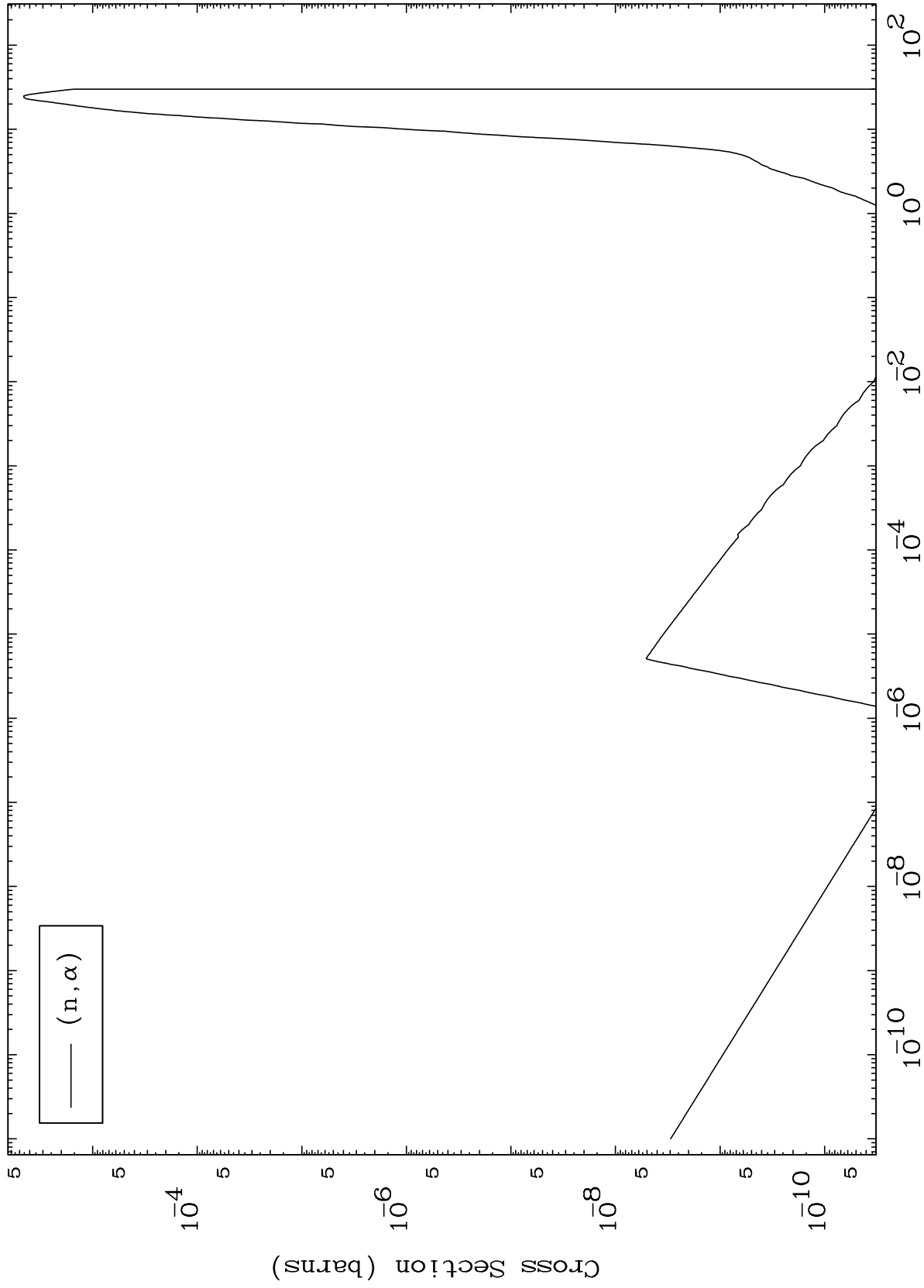
Incident Energy (MeV)

96-Cm-249

MAT 9652

(n,α) Levels
293 Kelvin Cross Sections

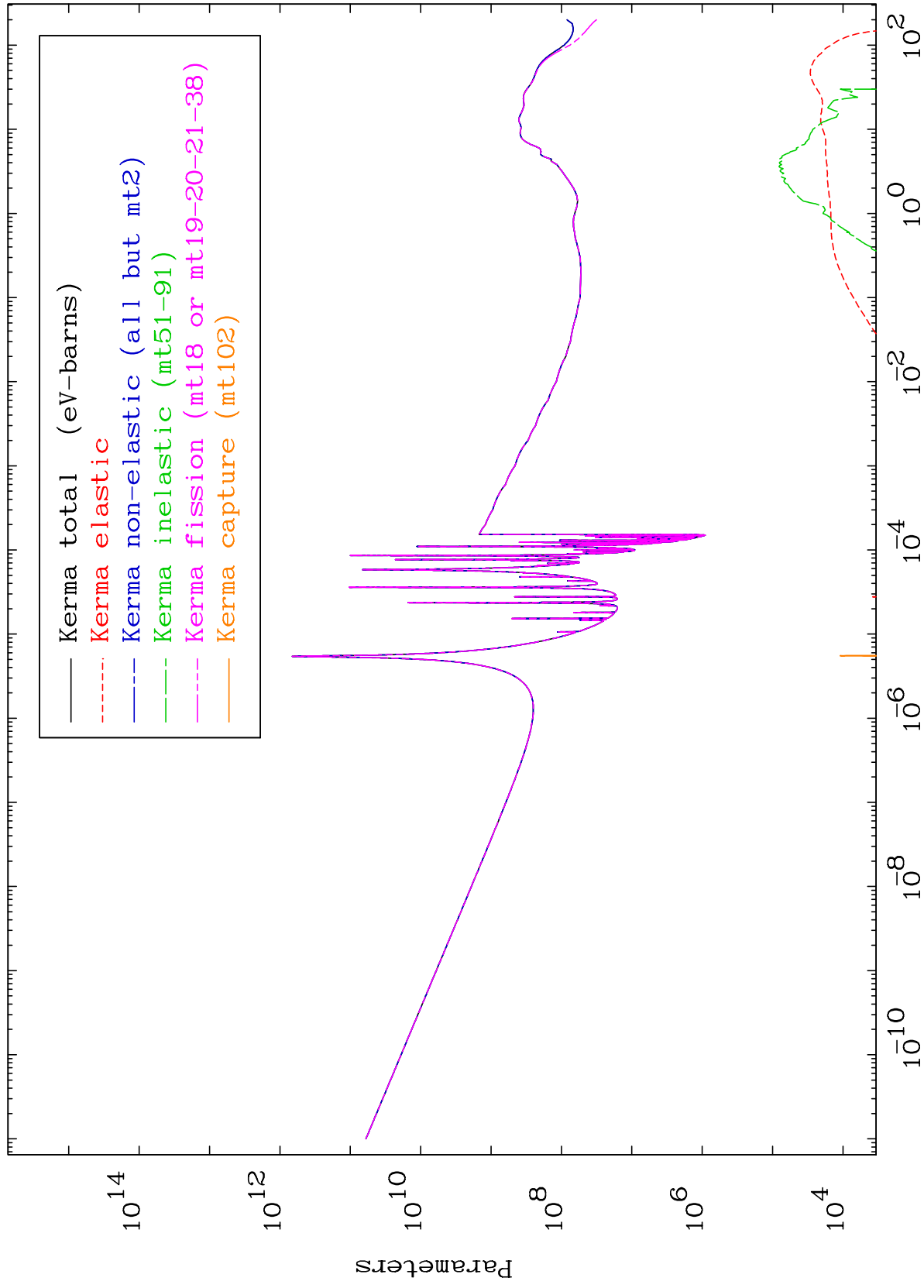
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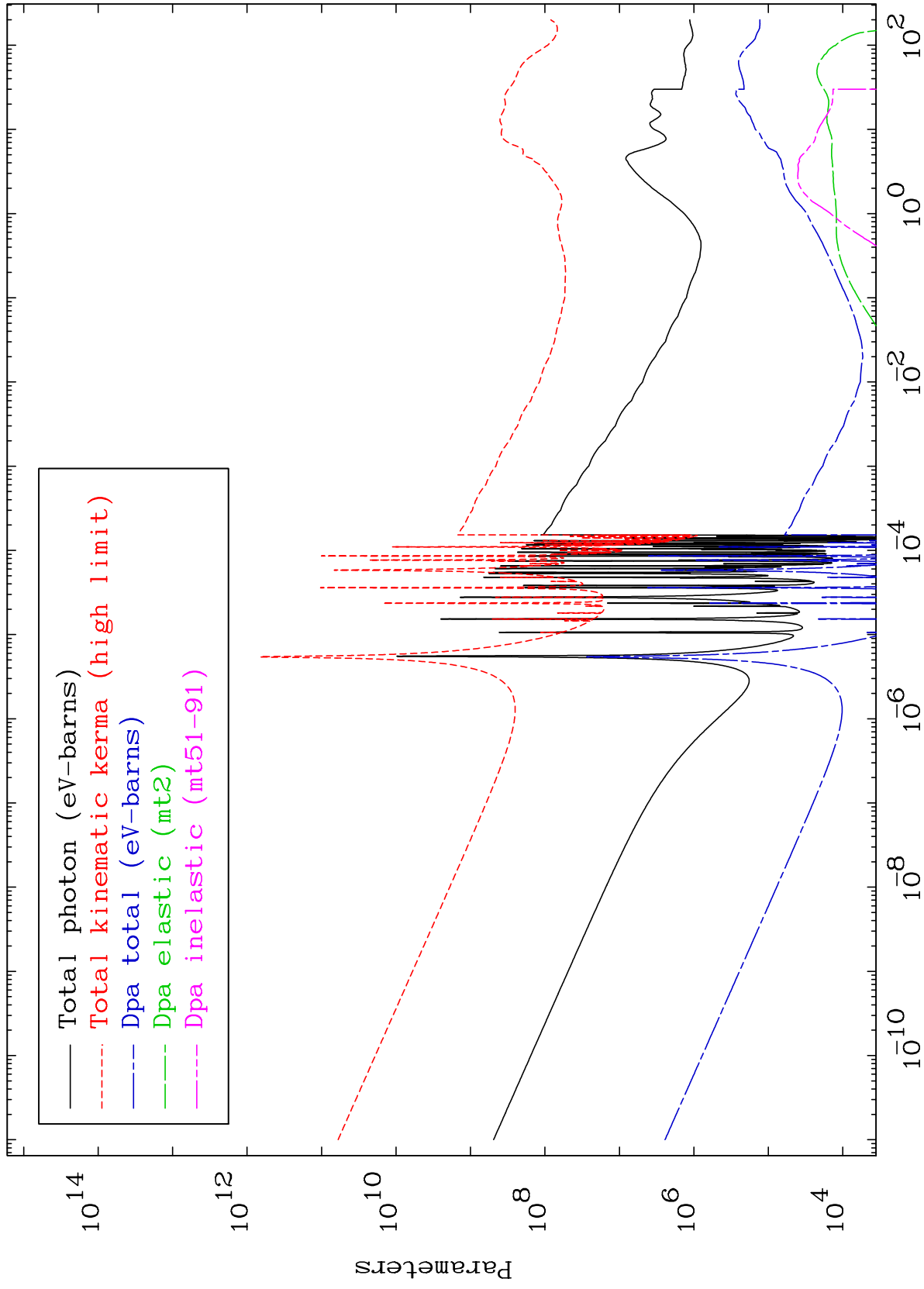


15

Incident Energy (MeV)

96-Cm-249

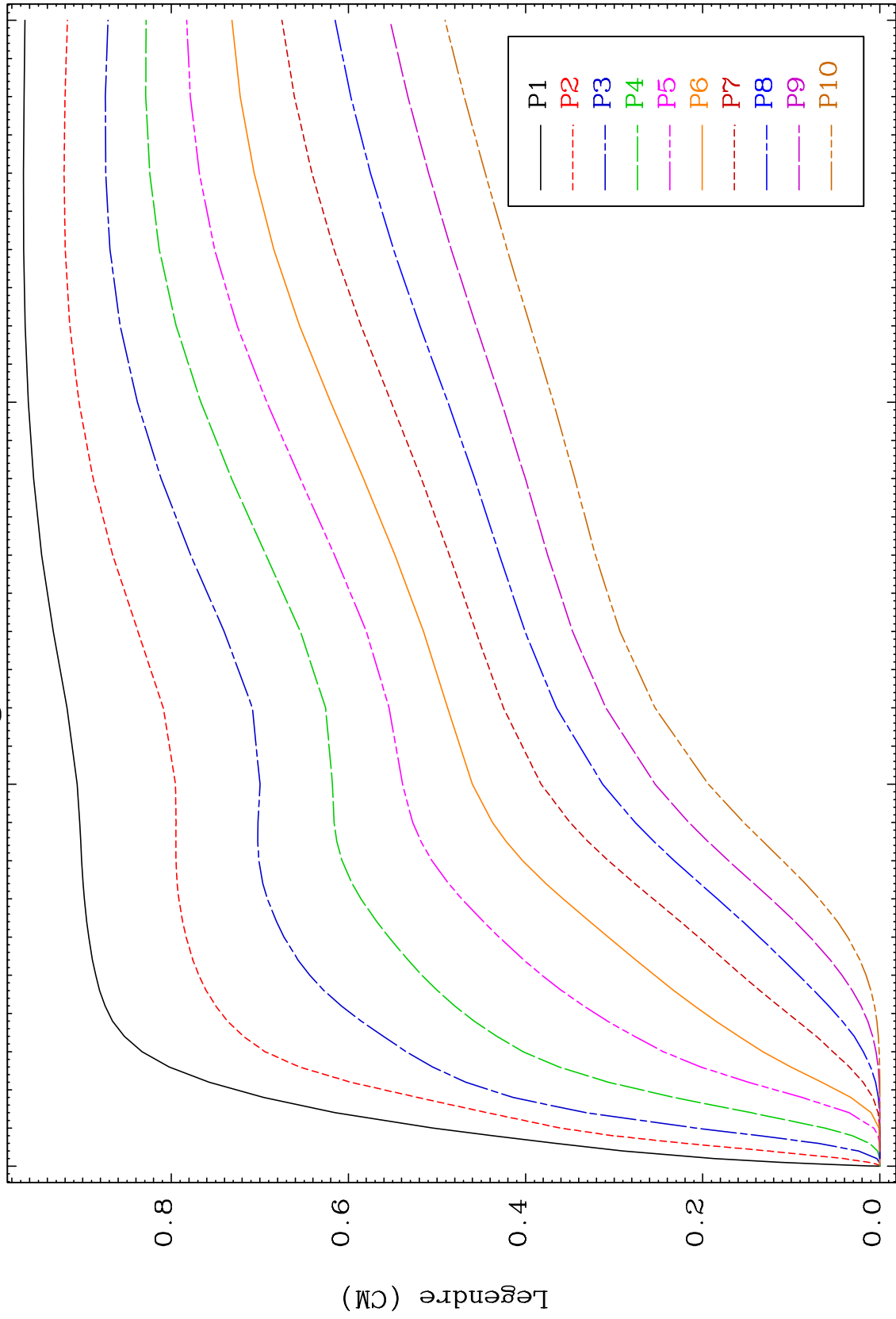




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Elastic Legendre Coefficients

96-Cm-249



18

Incident Energy (MeV)

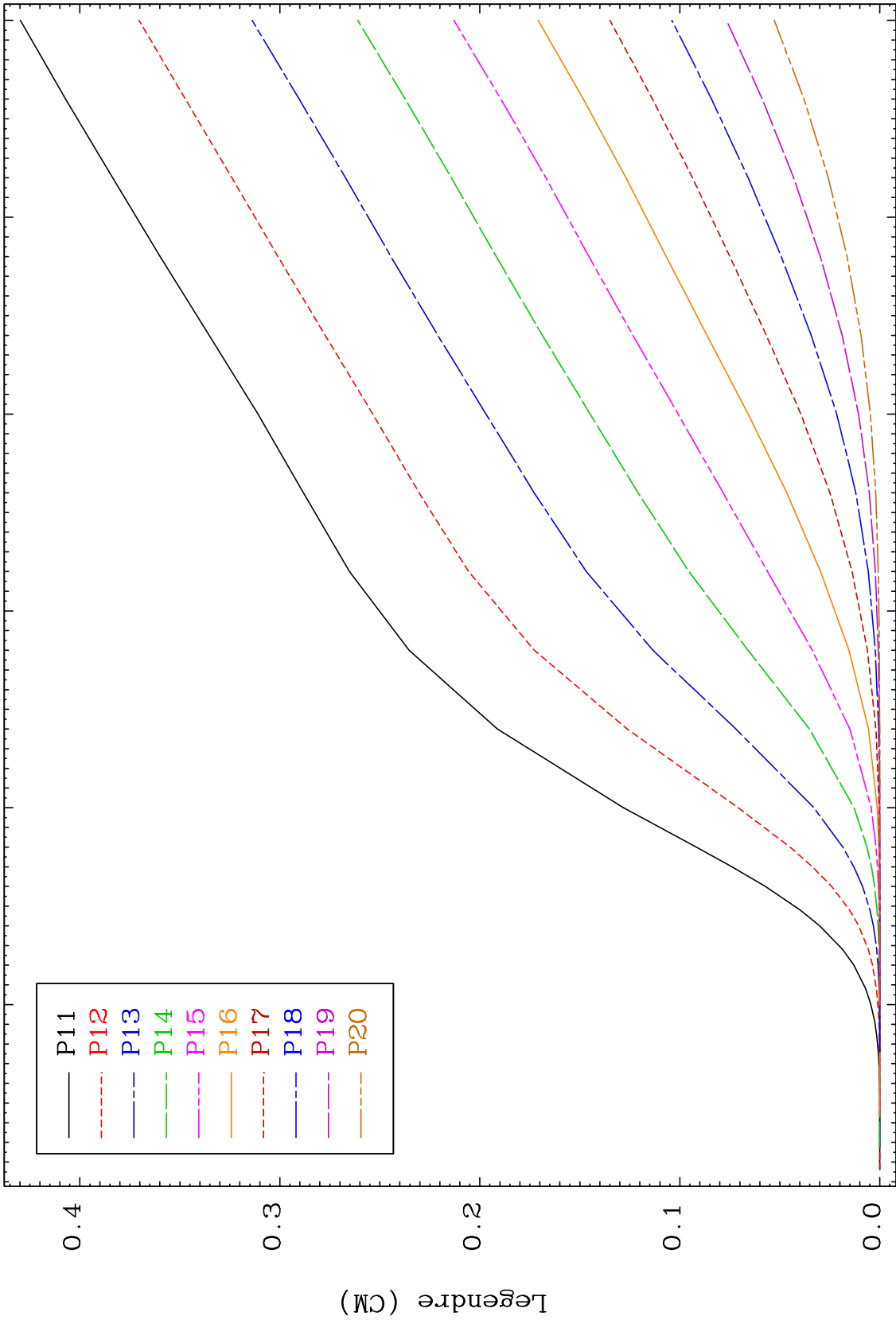
96-Cm-249

0 0.2 0.4 0.6 0.8 10 20 30

MAT 9652

Elastic Legendre Coefficients

96-Cm-249



19

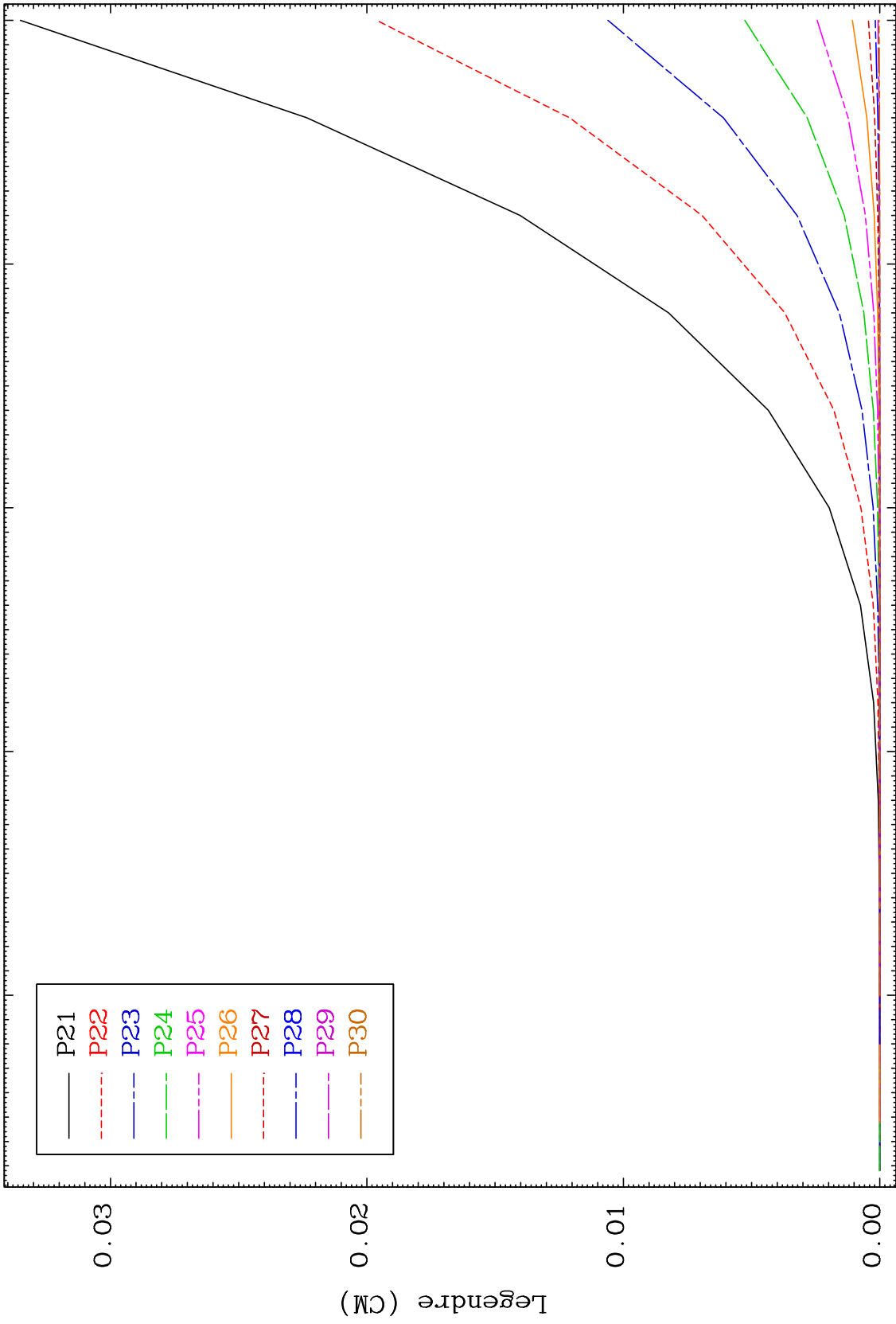
Incident Energy (MeV)

96-Cm-249

MAT 9652

Elastic Legendre Coefficients

96-Cm-249



20

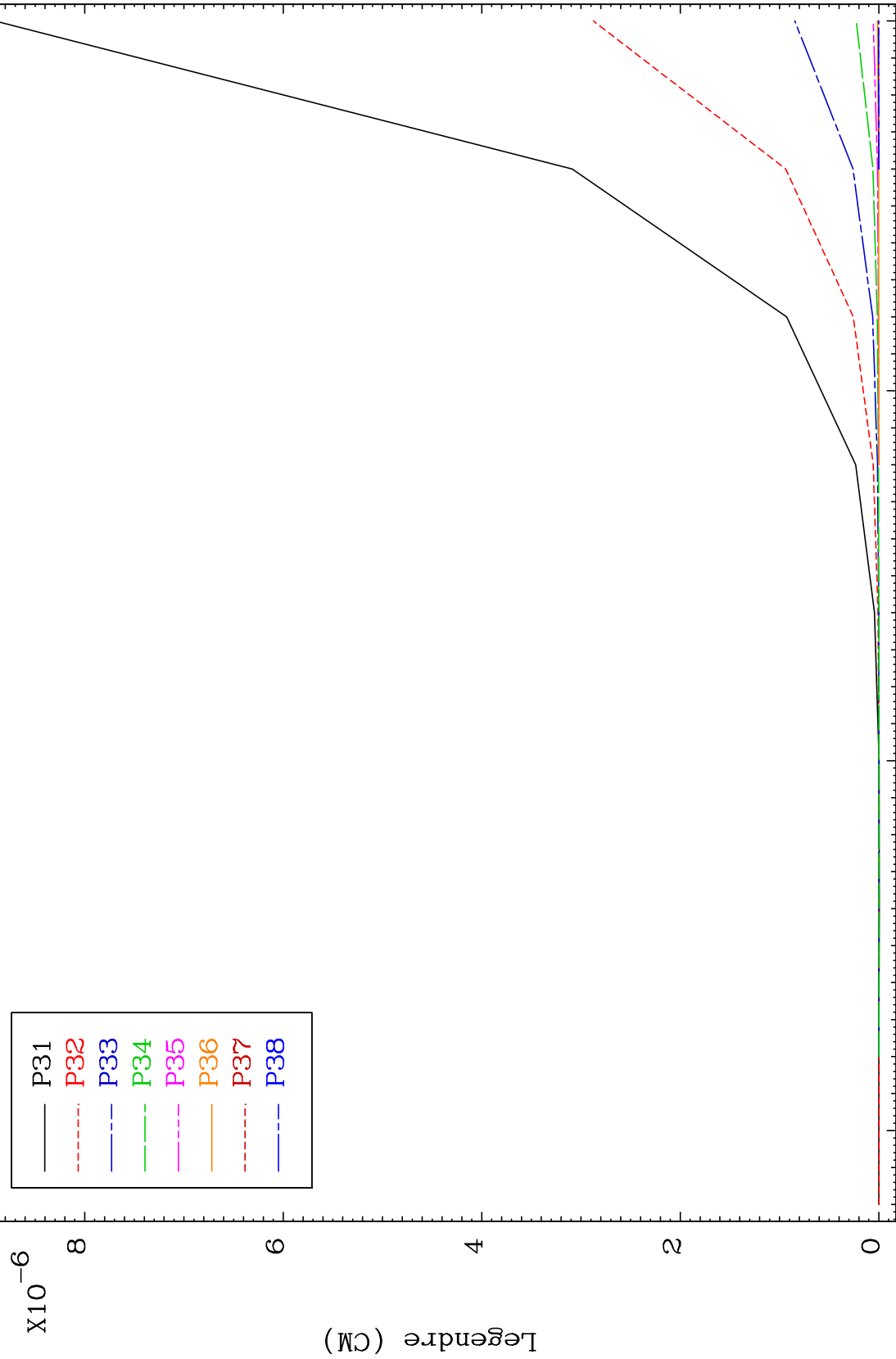
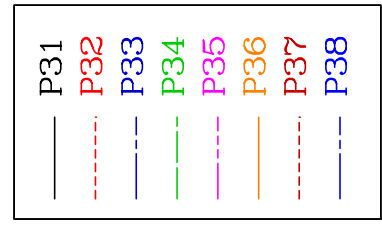
Incident Energy (MeV)

96-Cm-249

MAT 9652

Elastic Legendre Coefficients

96-Cm-249



21

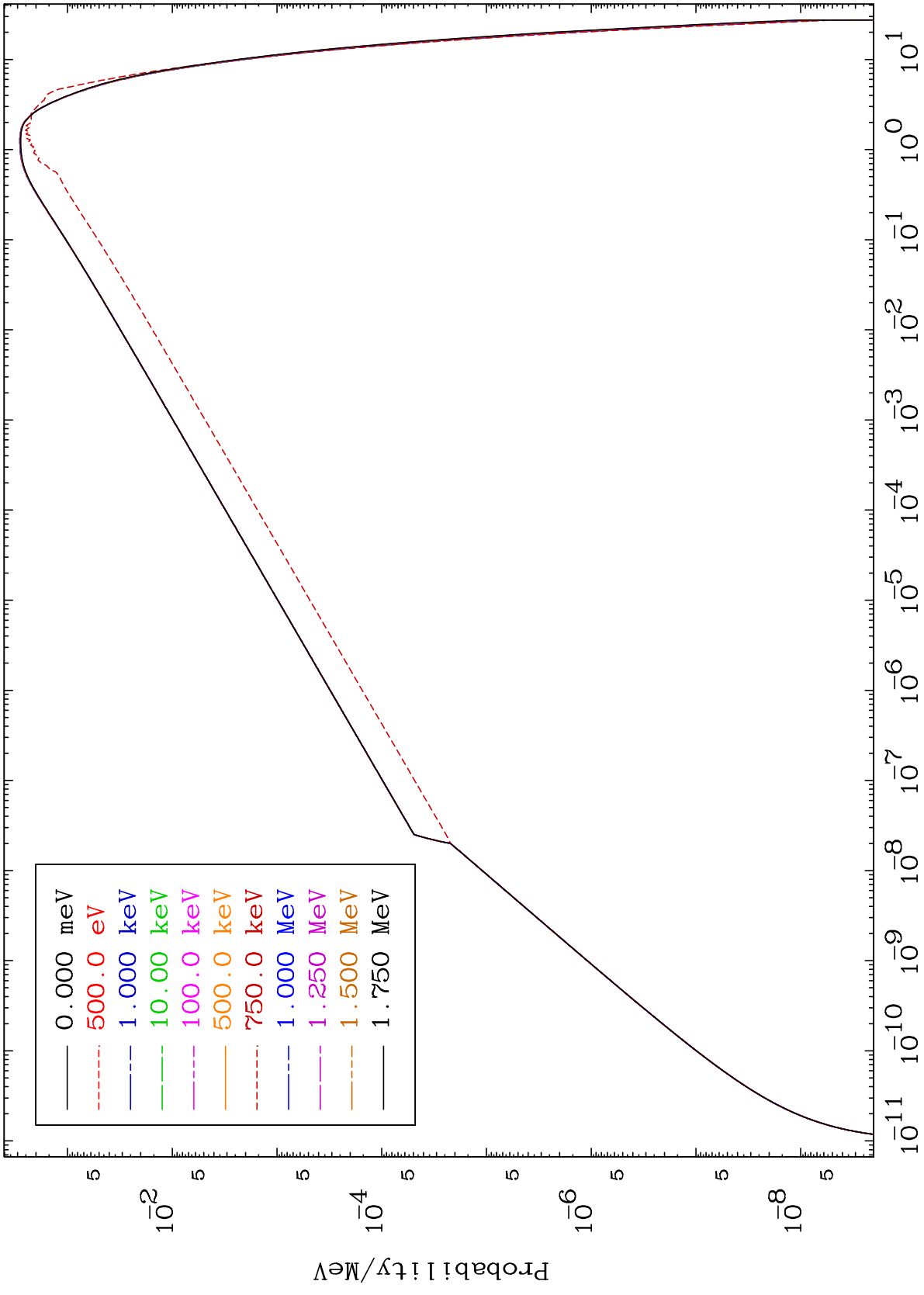
Incident Energy (MeV)

96-Cm-249

MAT 9652

Fission Energy Distribution

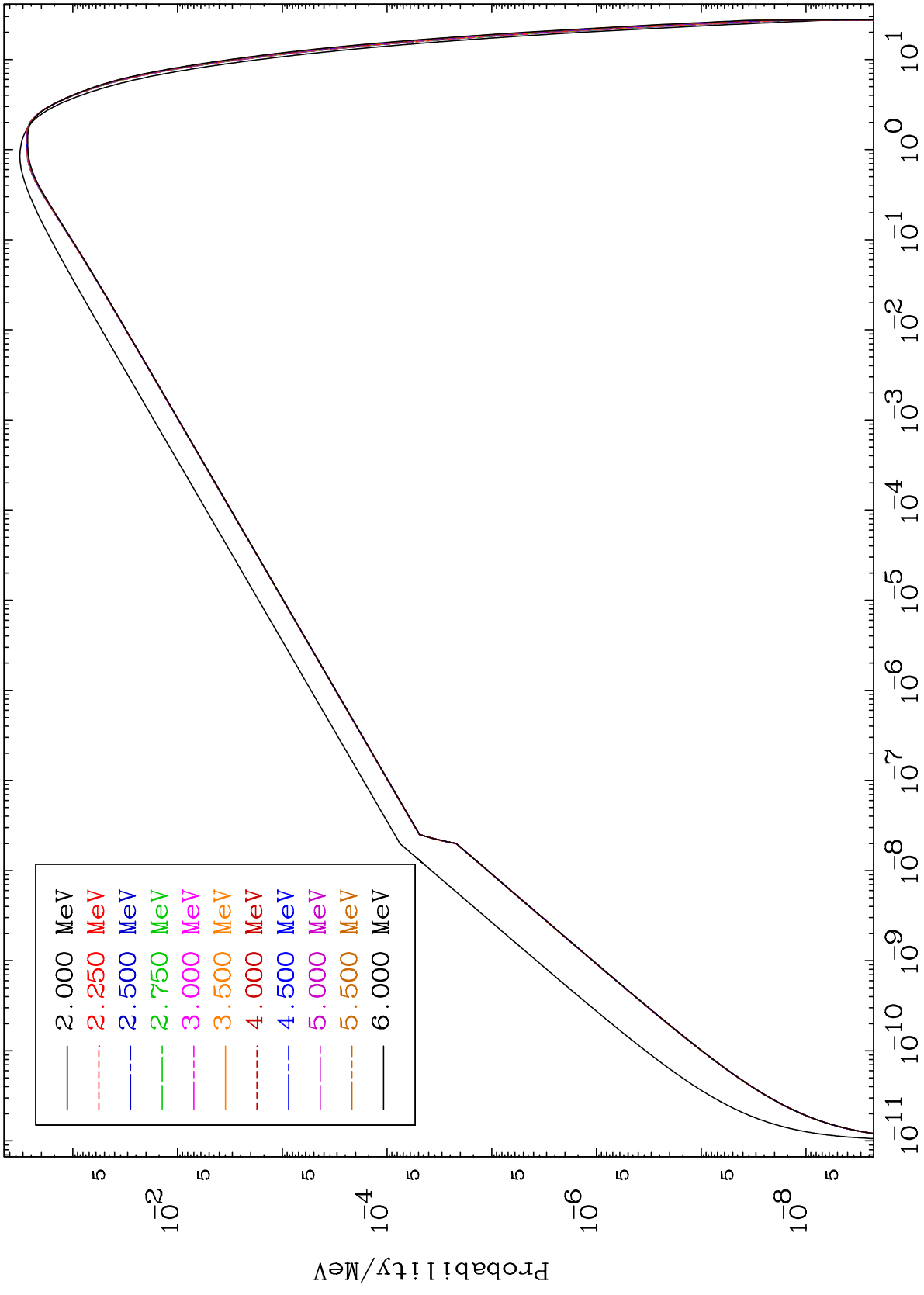
96-Cm-249



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Fission Energy Distribution

96-Cm-249

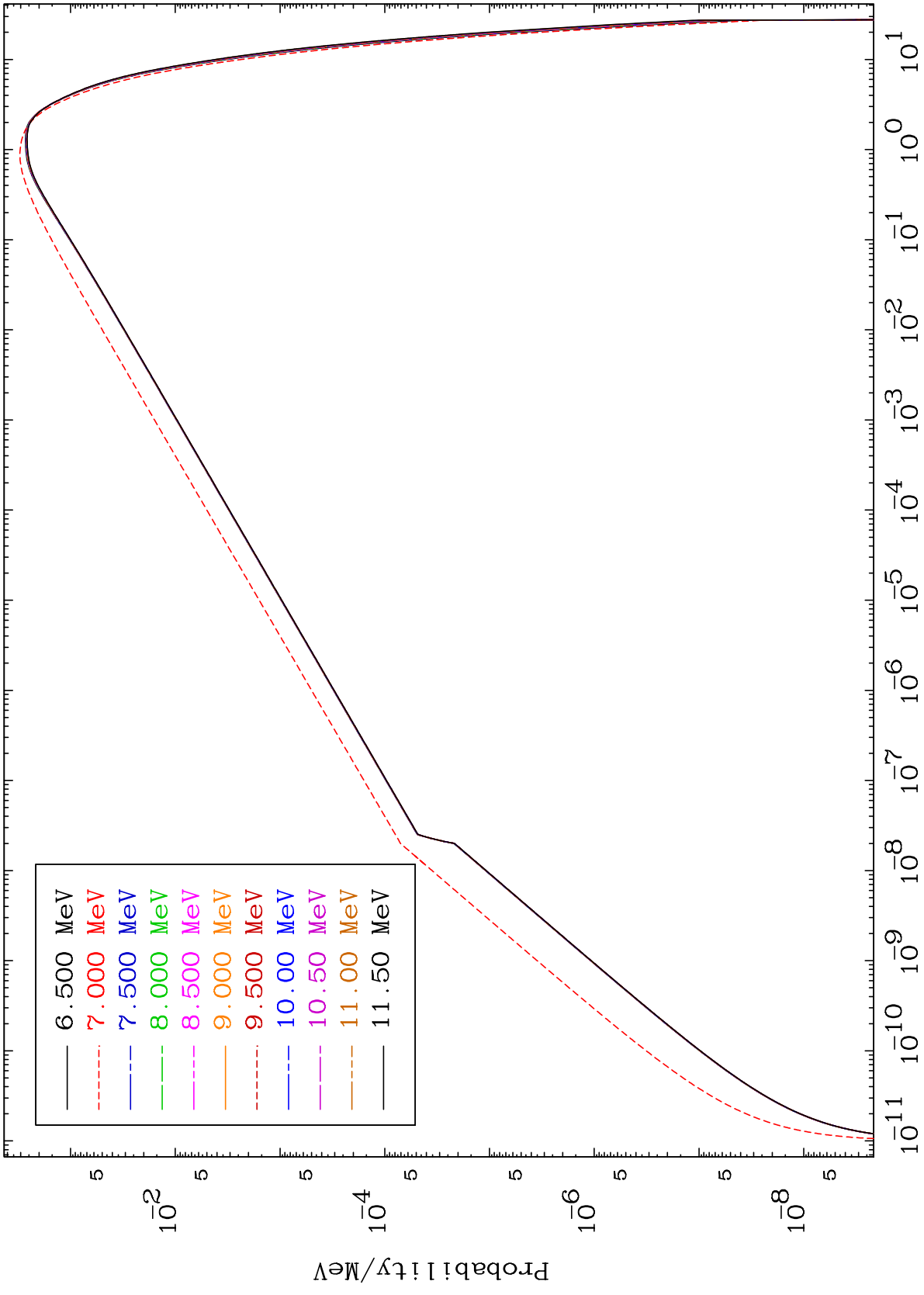


96-Cm-249

MAT 9652

Fission Energy Distribution

96-Cm-249

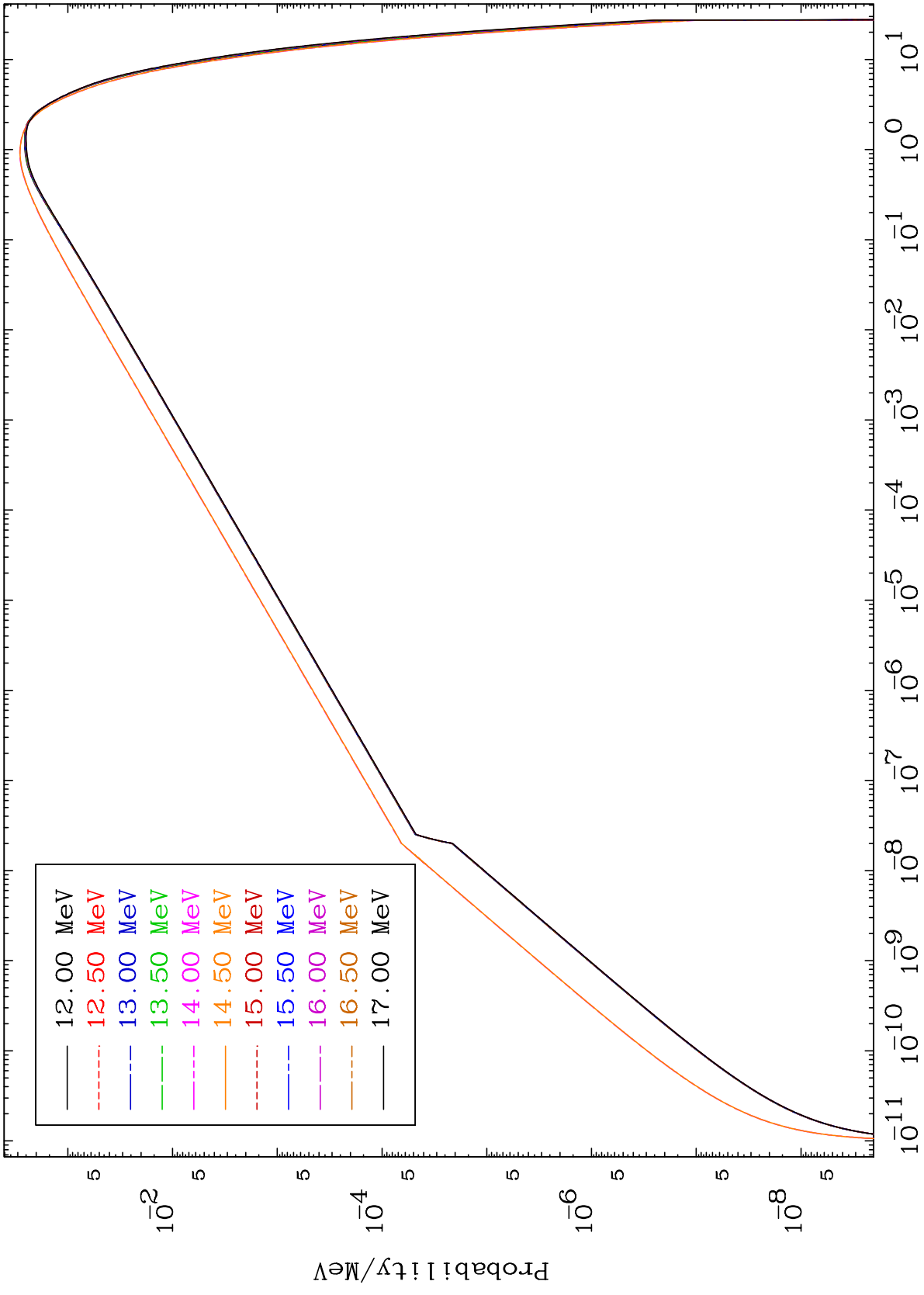


96-Cm-249

MAT 9652

Fission Energy Distribution

96-Cm-249

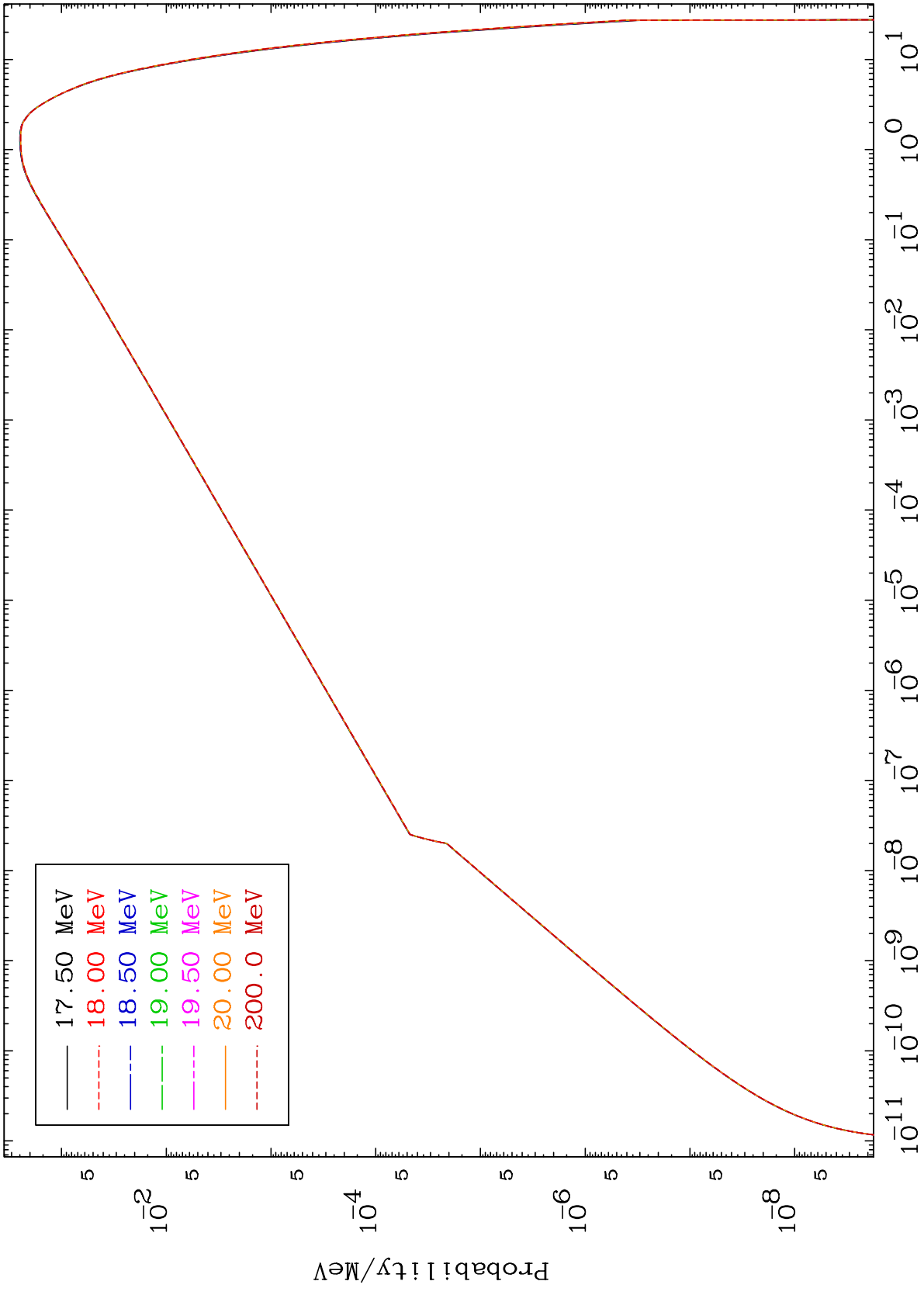


96-Cm-249

MAT 9652

Fission Energy Distribution

96-Cm-249



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

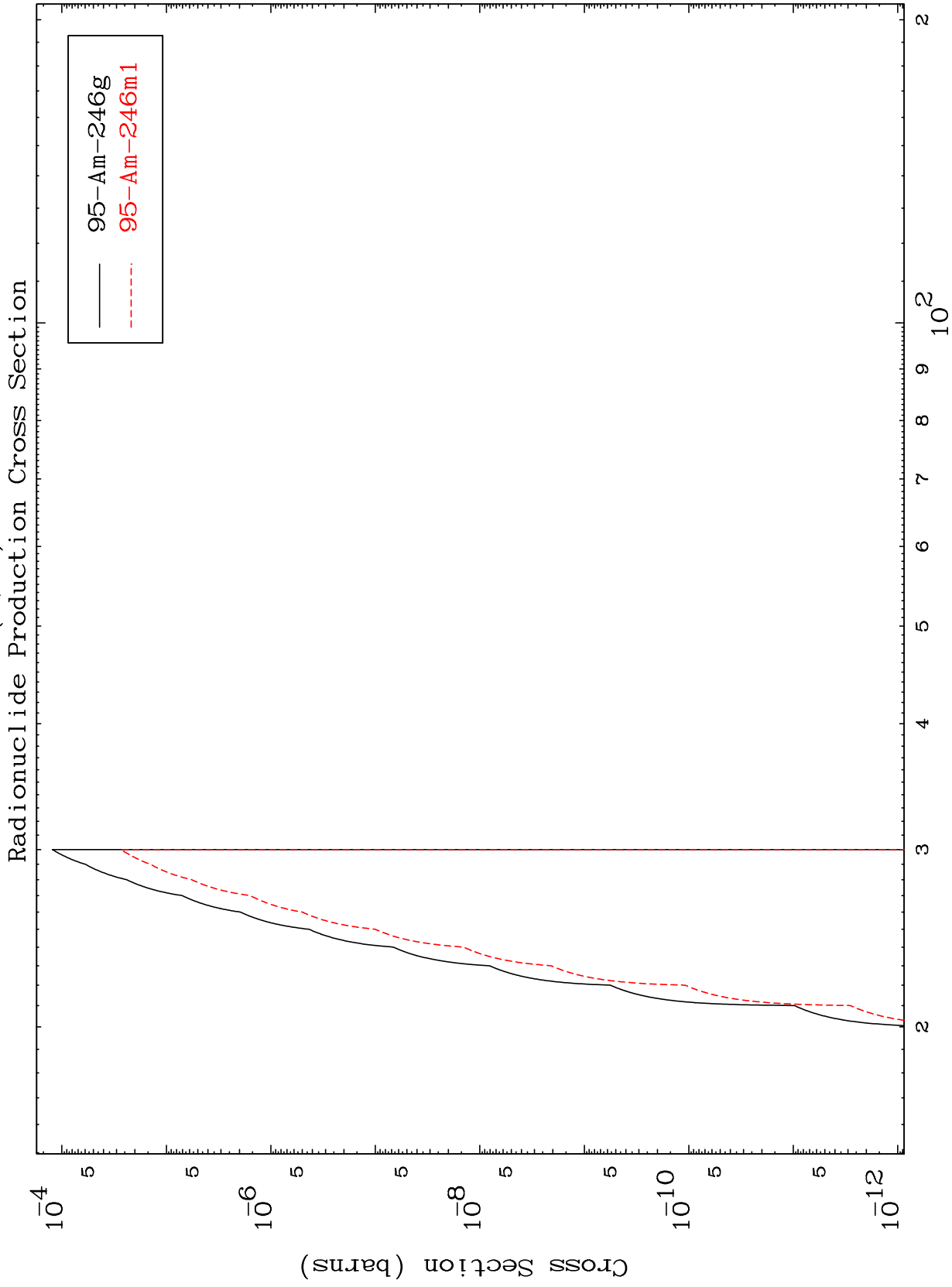
96-Cm-249

Secondary Energy (MeV)

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(n,2n) d

96-Cm-249



27

Incident Energy (MeV)

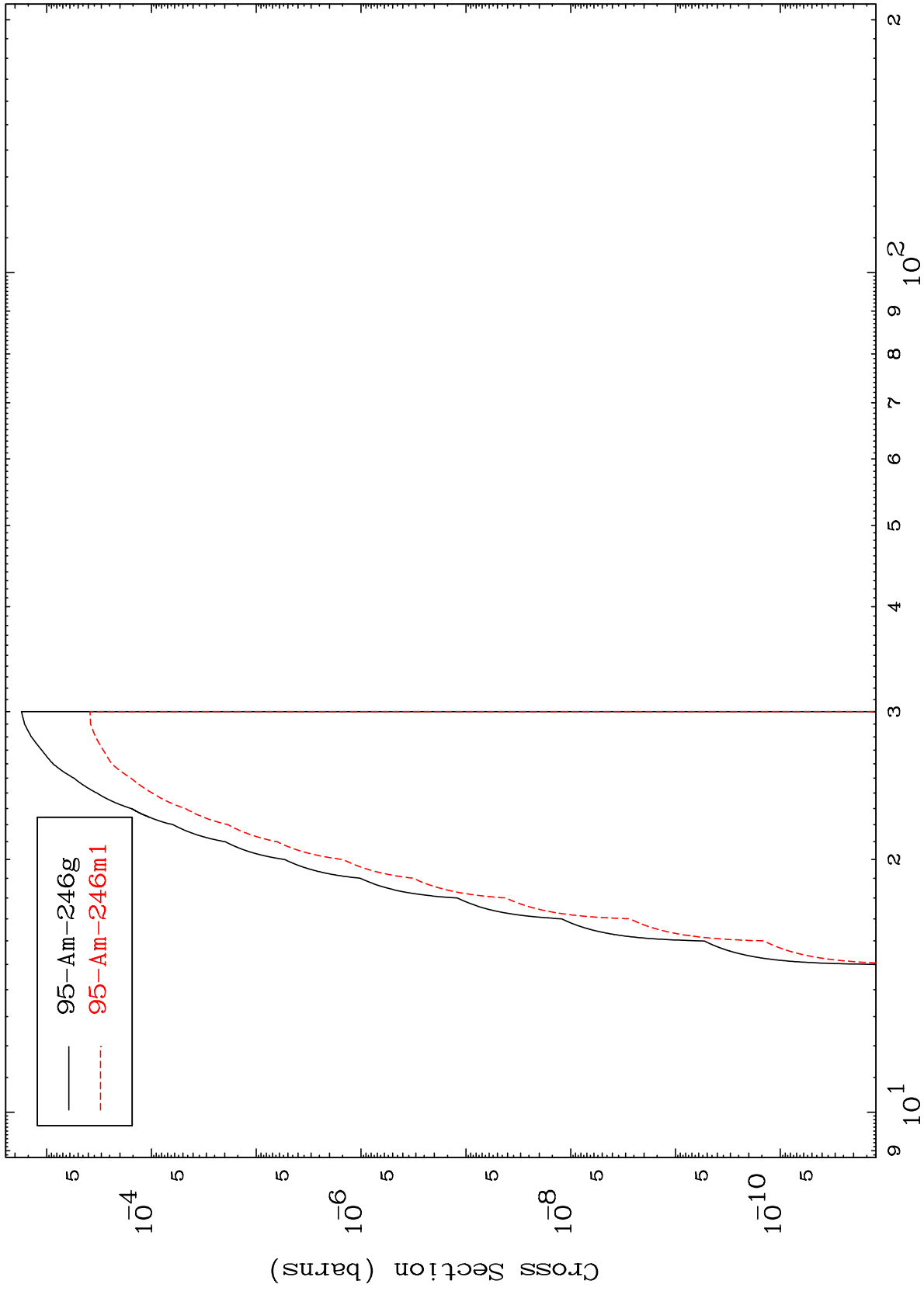
96-Cm-249

MAT 9652

(n,n') t

96-Cm-249

Radionuclide Production Cross Section



28

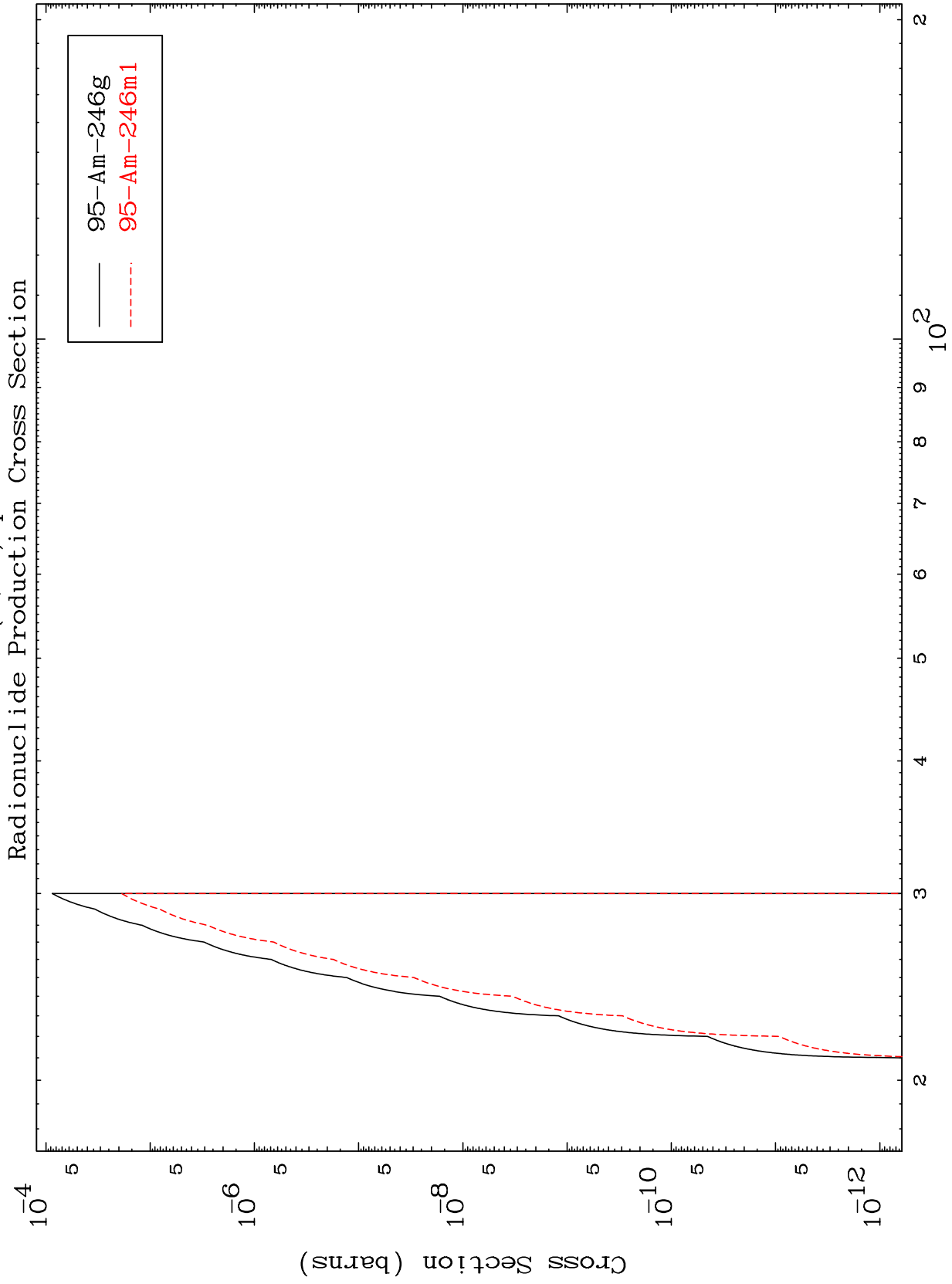
Incident Energy (MeV)

96-Cm-249

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(n,3n) p

96-Cm-249



29

Incident Energy (MeV)

96-Cm-249