

Program EVALPLOT  
(Version 2018-1)

by

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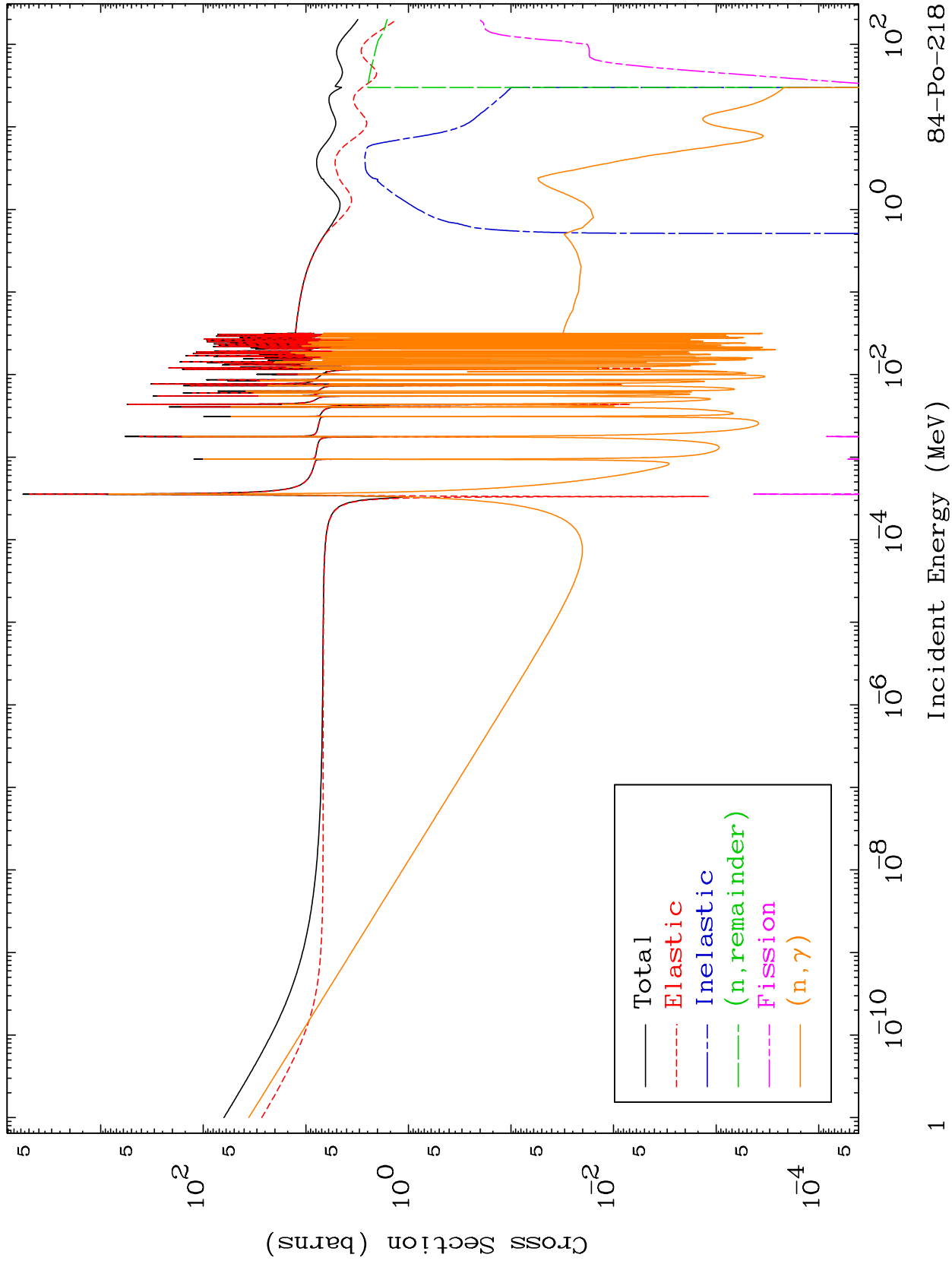
Press Mouse Button to Start

MAT 8461

Major

293 Kelvin Cross Sections

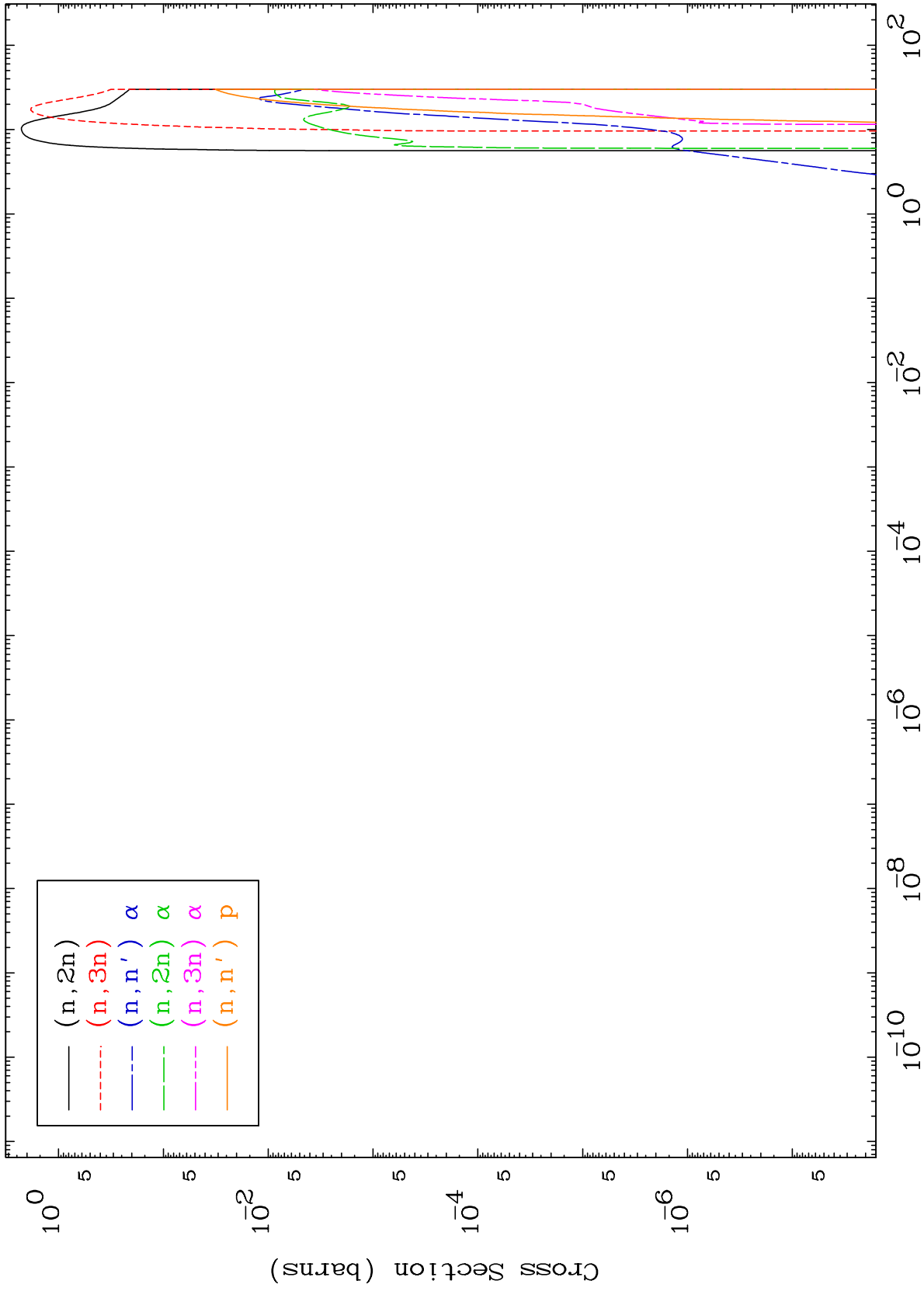
84-Po-218



MAT 8461

Neutron Production  
293 Kelvin Cross Sections

84-Po-218



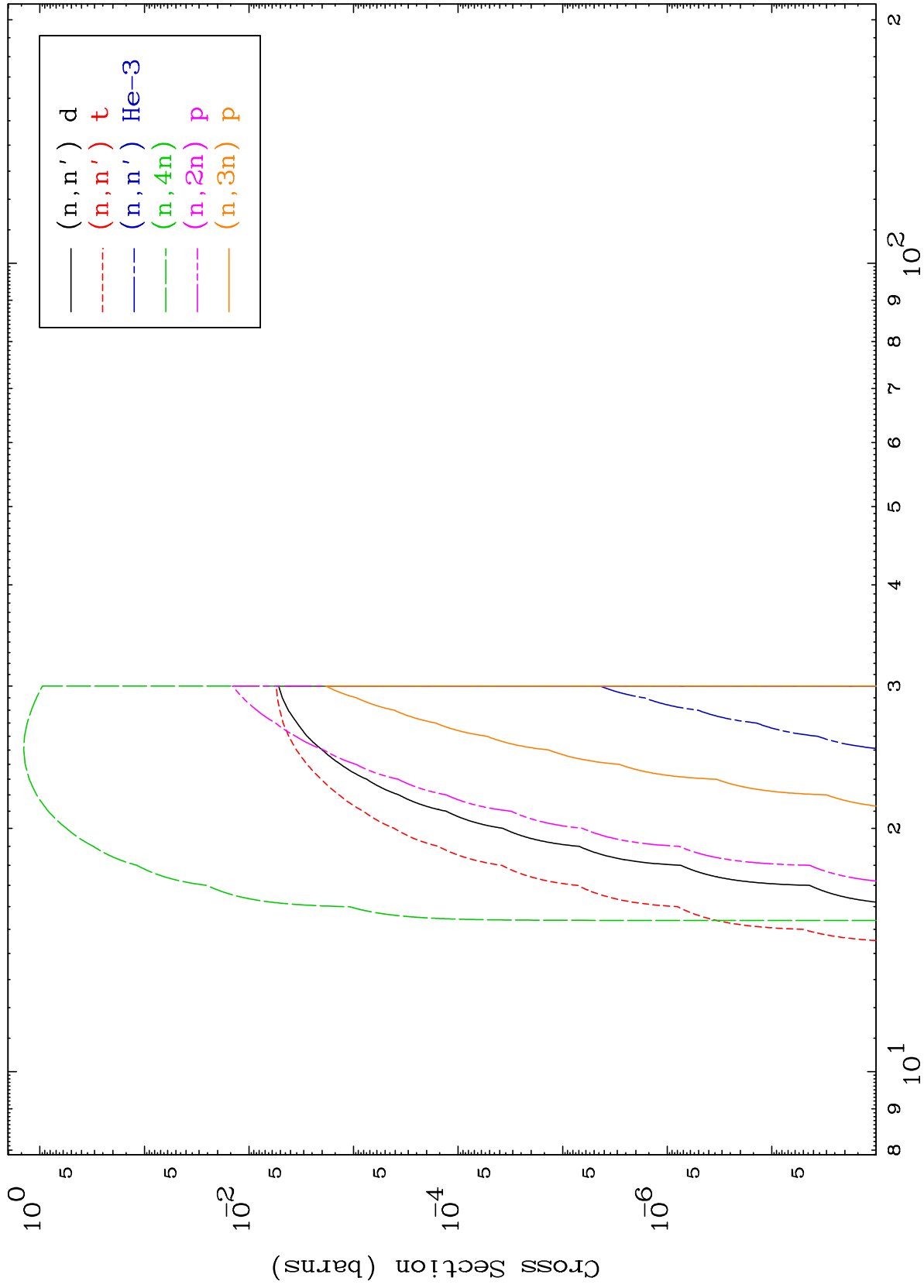
2

84-Po-218

MAT 8461

Neutron Production  
293 Kelvin Cross Sections

84-Po-218



3

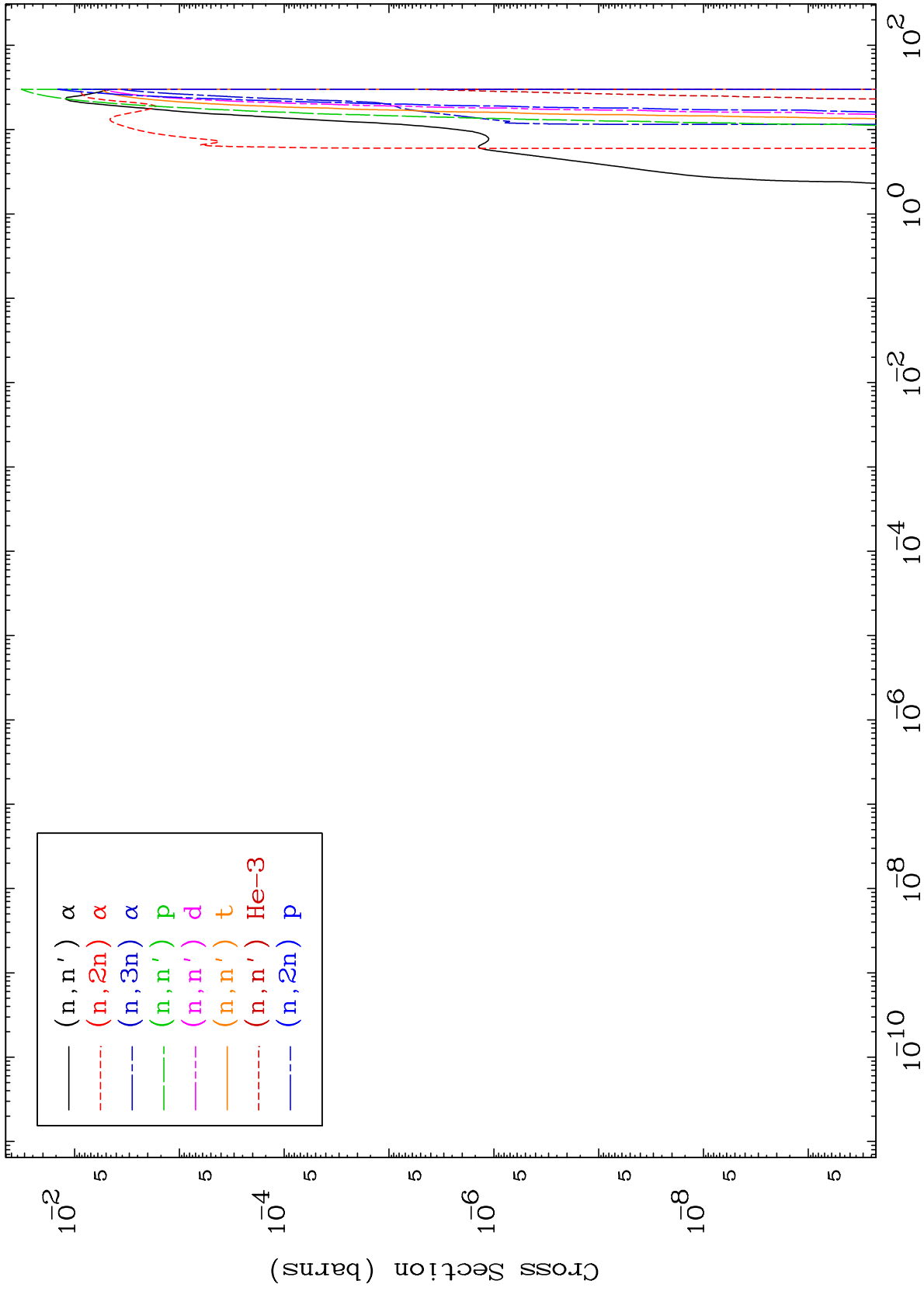
Incident Energy (MeV)

84-Po-218

MAT 8461

Charged Particle  
293 Kelvin Cross Sections

84-Po-218

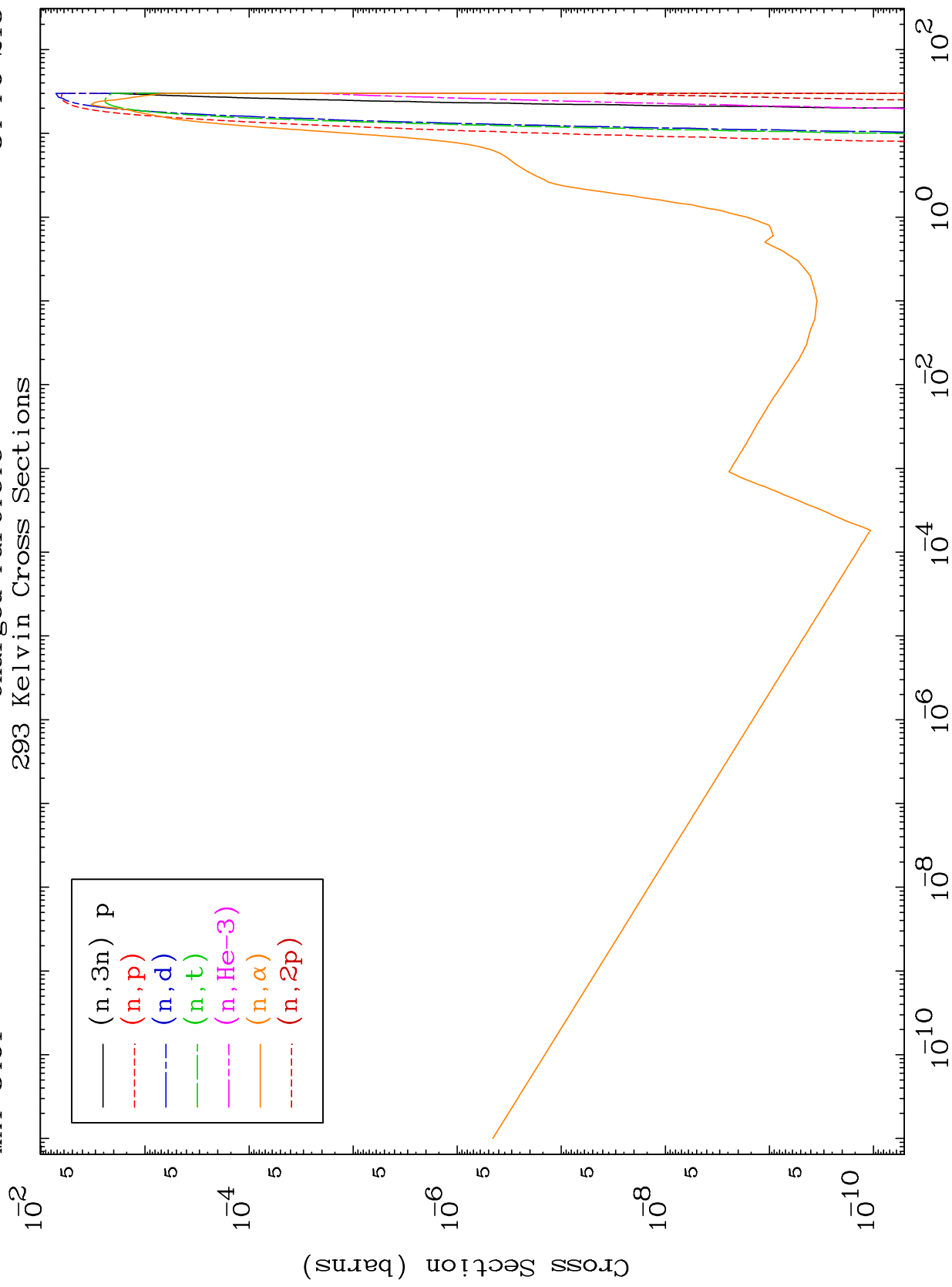


84-Po-218

MAT 8461

Charged Particle  
293 Kelvin Cross Sections

84-Po-218



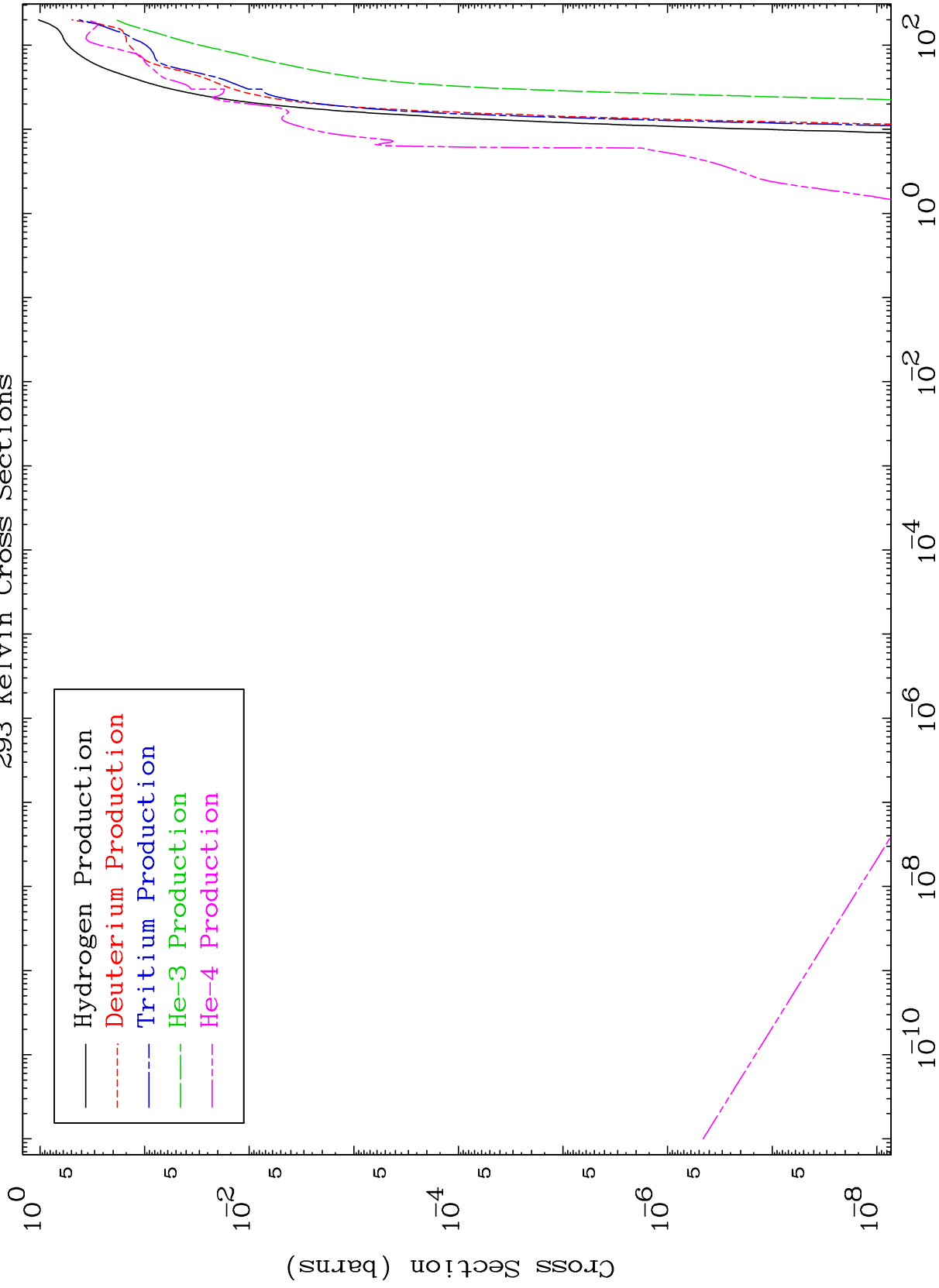
5

84-Po-218

MAT 8461

Particle Production  
293 Kelvin Cross Sections

84-Po-218



6

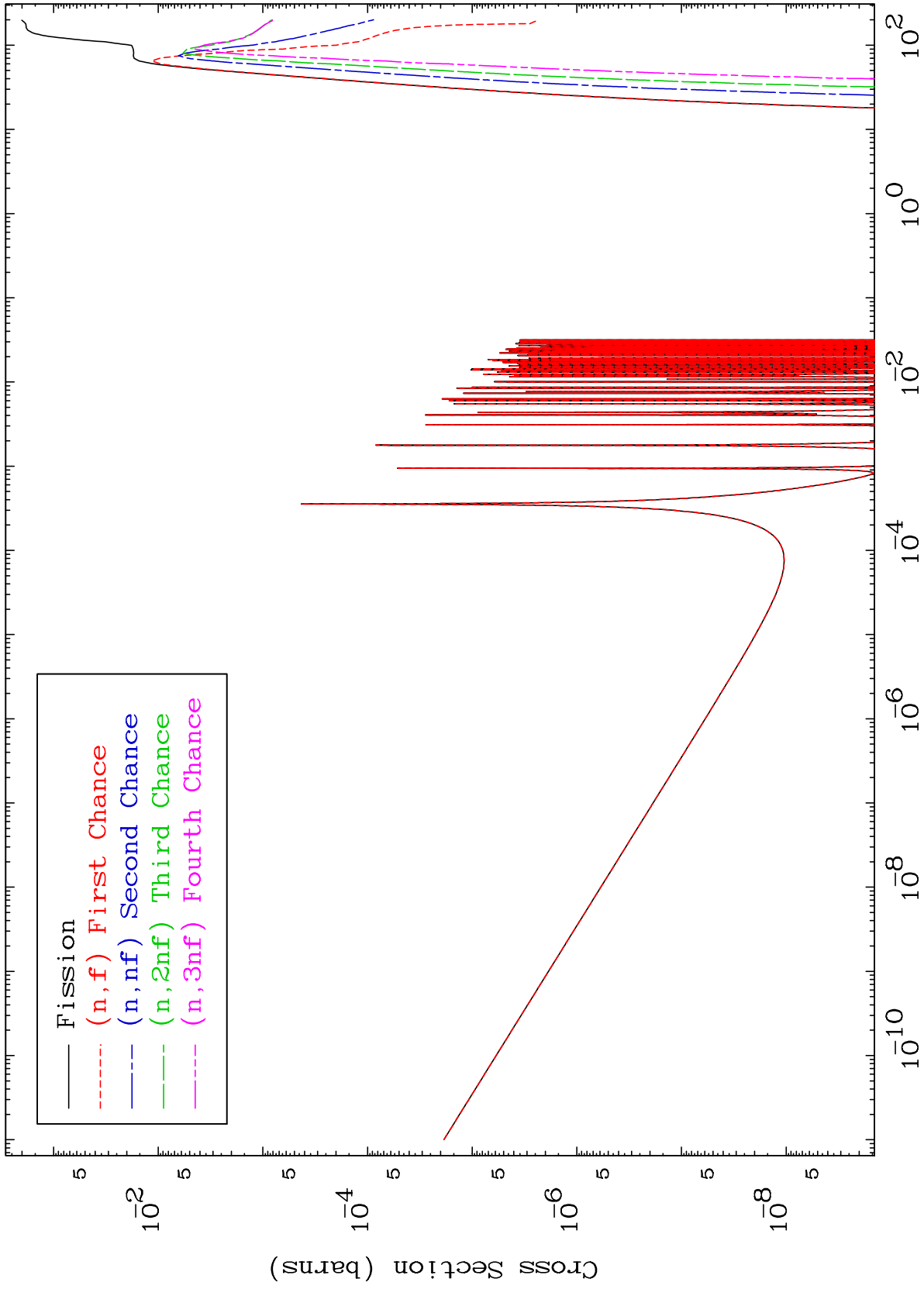
Incident Energy (MeV)

84-Po-218

MAT 8461

Fission  
293 Kelvin Cross Sections

84-Po-218

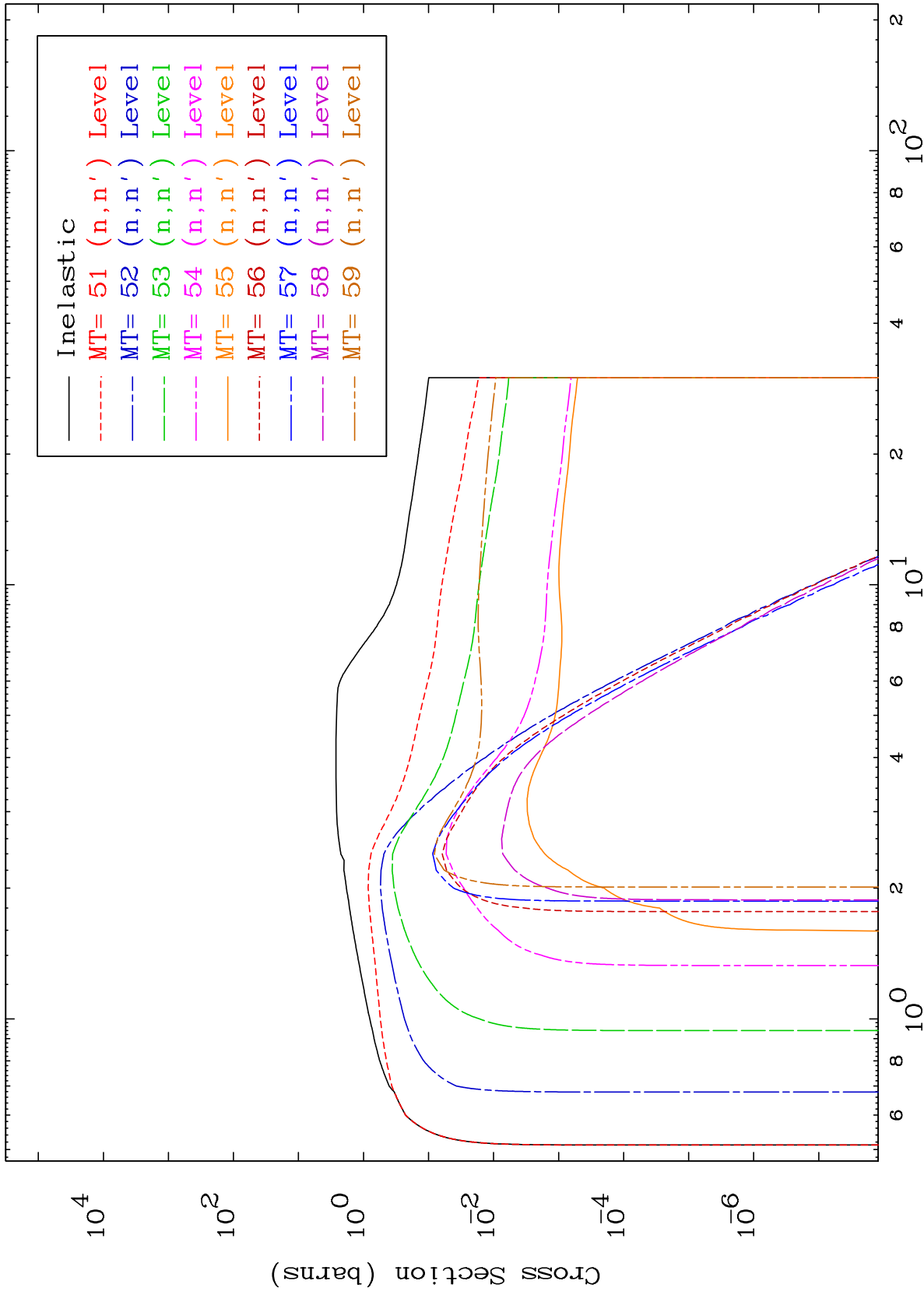




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(n,n') Level  
293 Kelvin Cross Sections

84-Po-218



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Incident Energy (MeV)

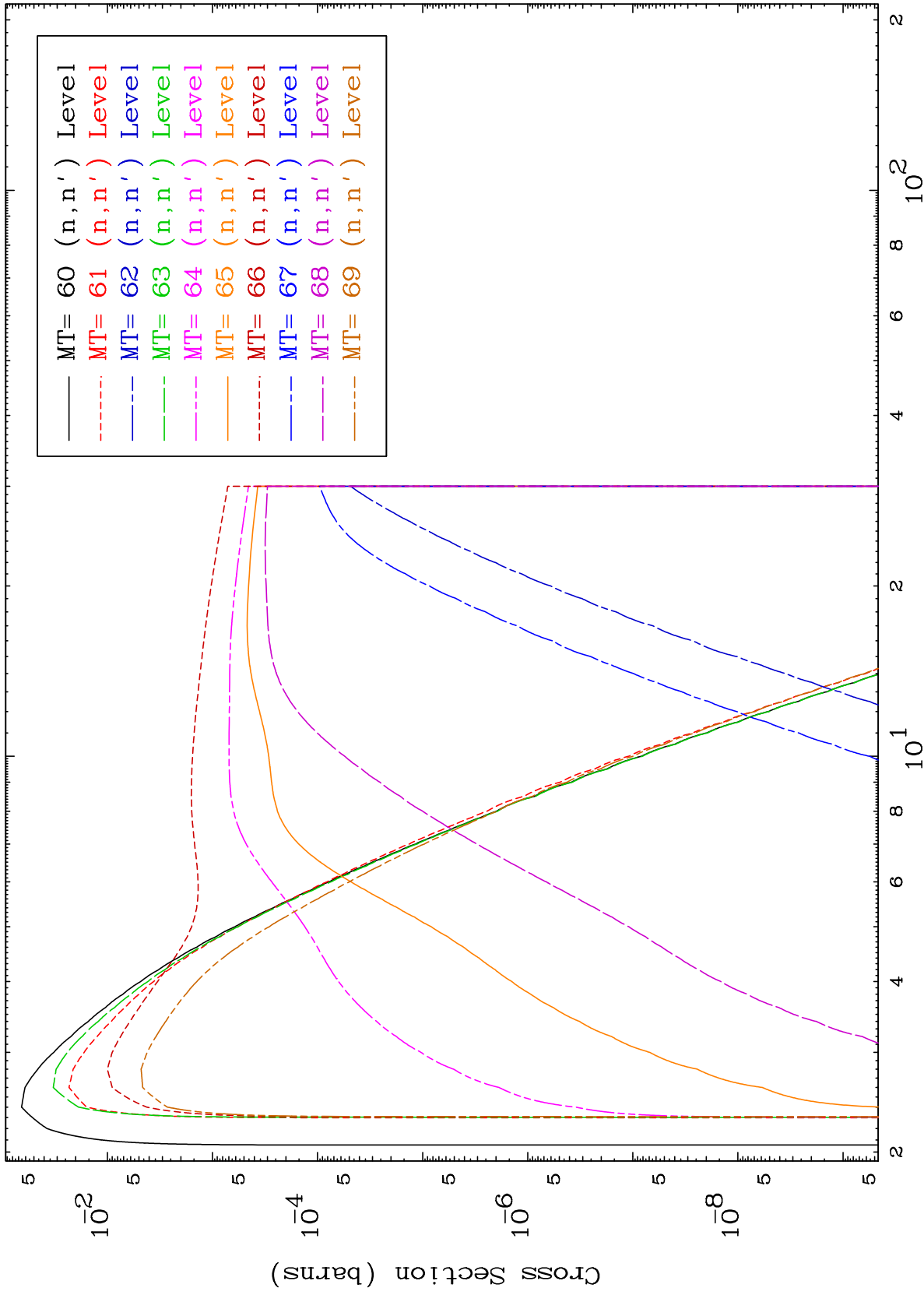
84-Po-218

MAT 8461

(n,n') Level

84-Po-218

293 Kelvin Cross Sections



9

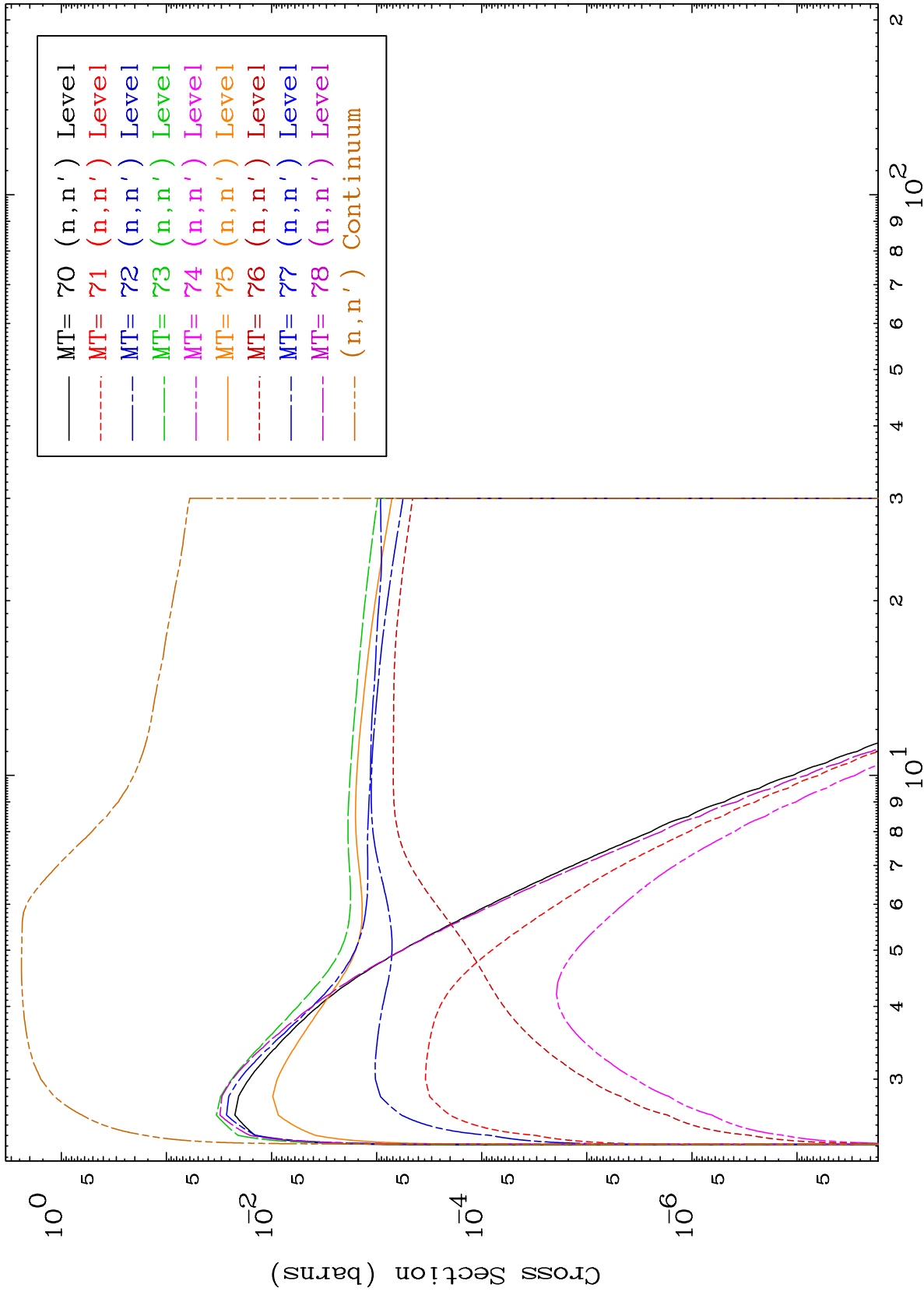
Incident Energy (MeV)

84-Po-218

MAT 8461

(n,n') Level  
293 Kelvin Cross Sections

84-Po-218



10

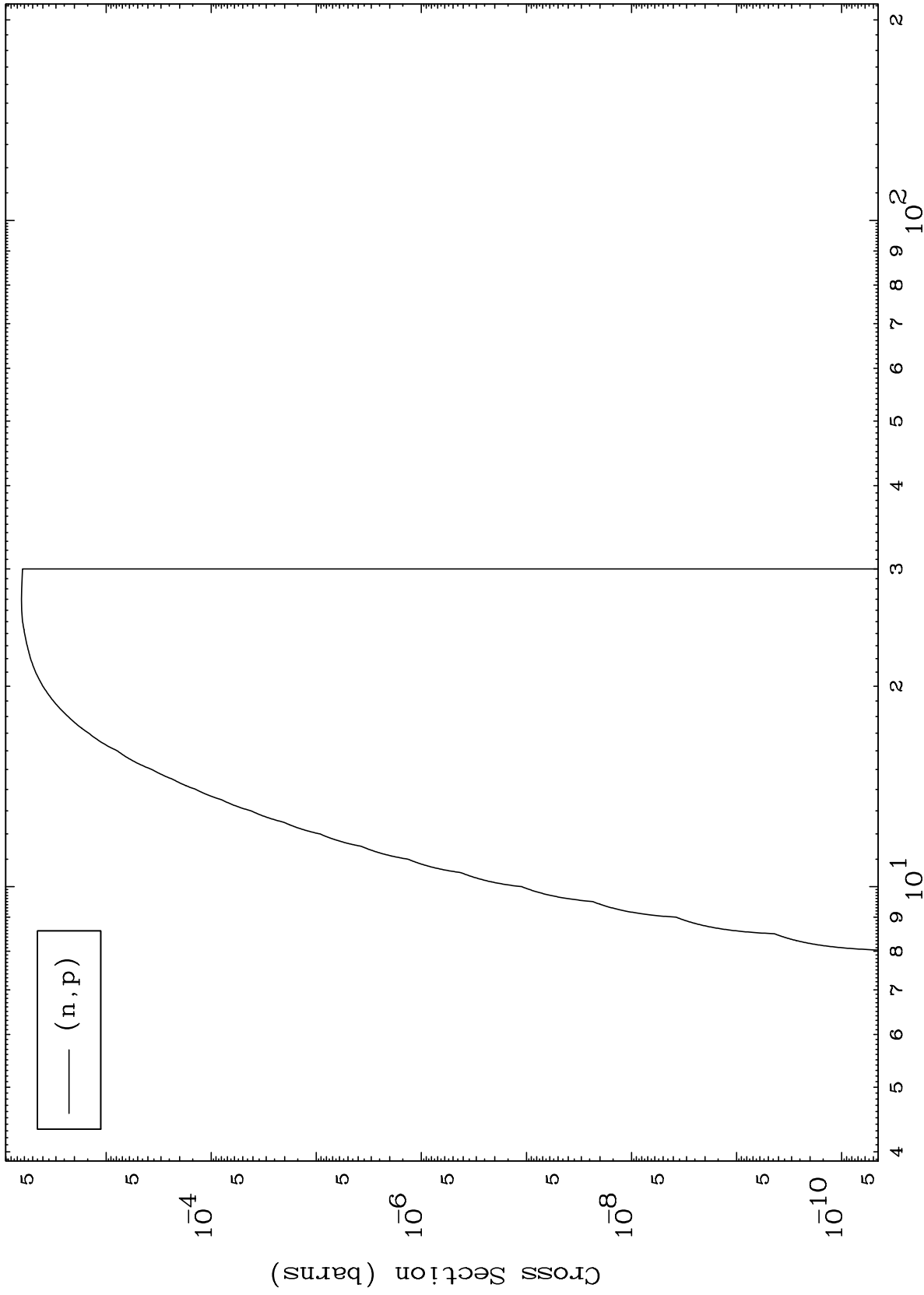
Incident Energy (MeV)

84-Po-218

MAT 8461

(n,p) Levels  
293 Kelvin Cross Sections

84-Po-218



11

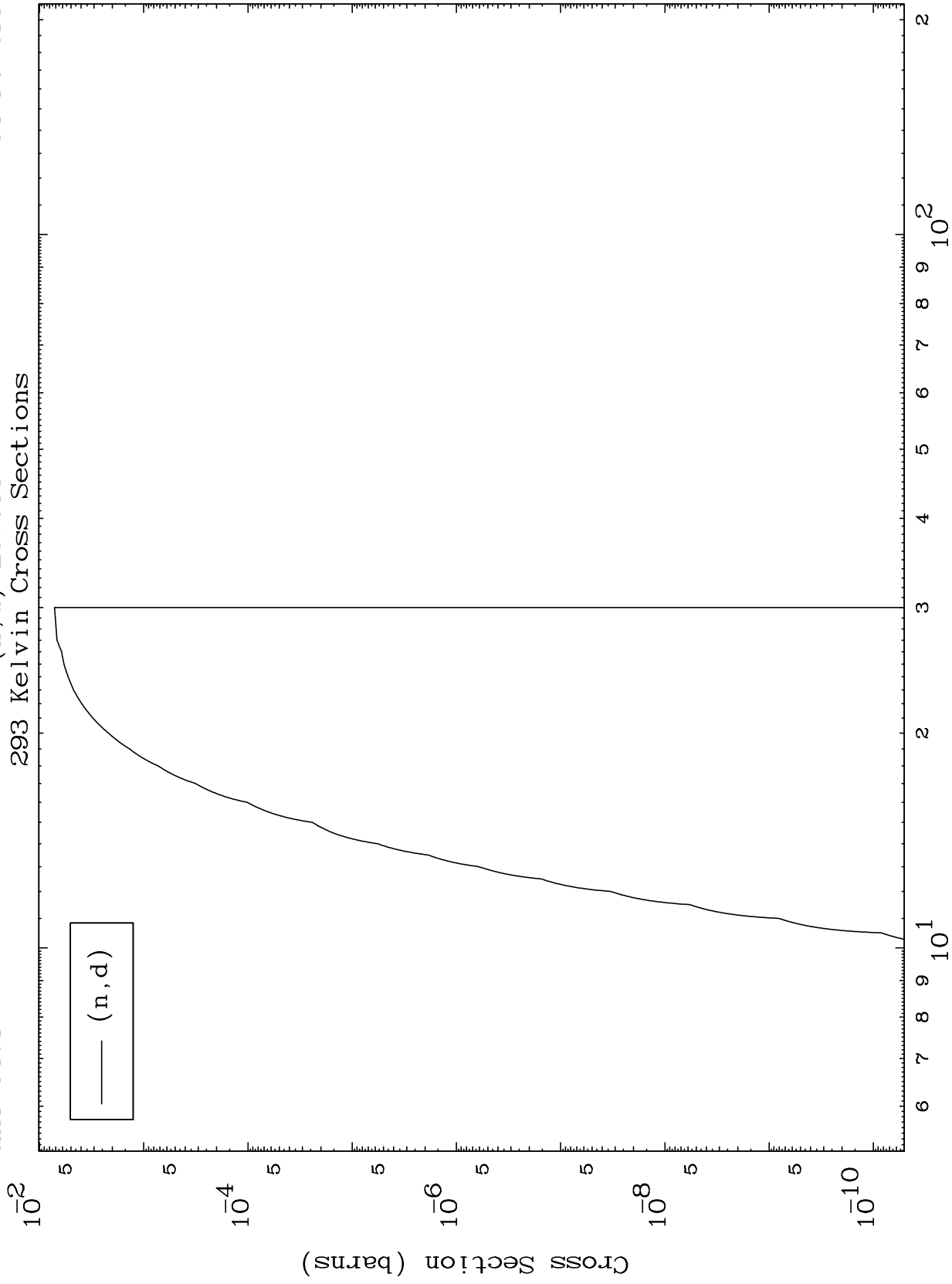
Incident Energy (MeV)

84-Po-218

MAT 8461

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-218

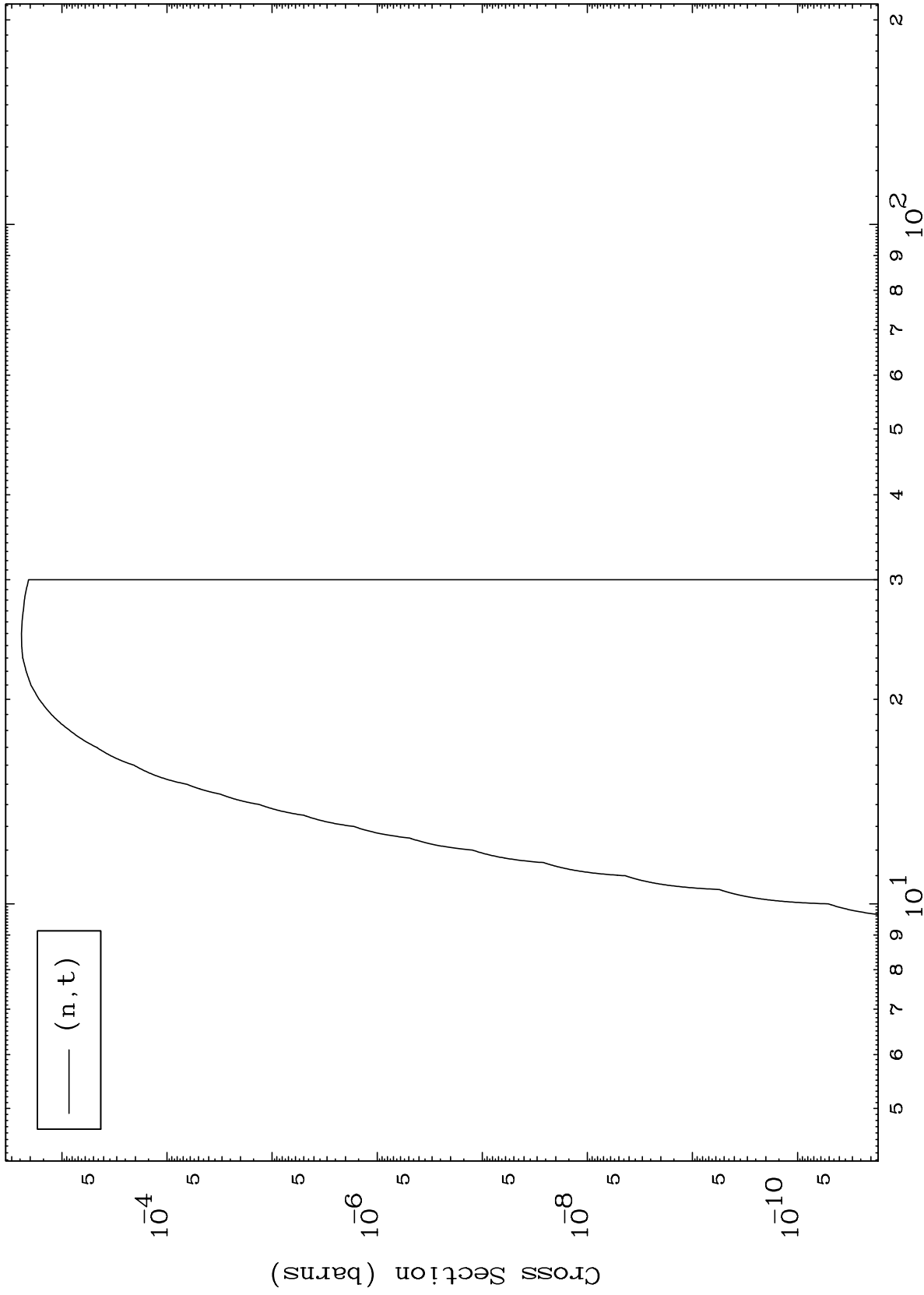


12

Incident Energy (MeV)

84-Po-218

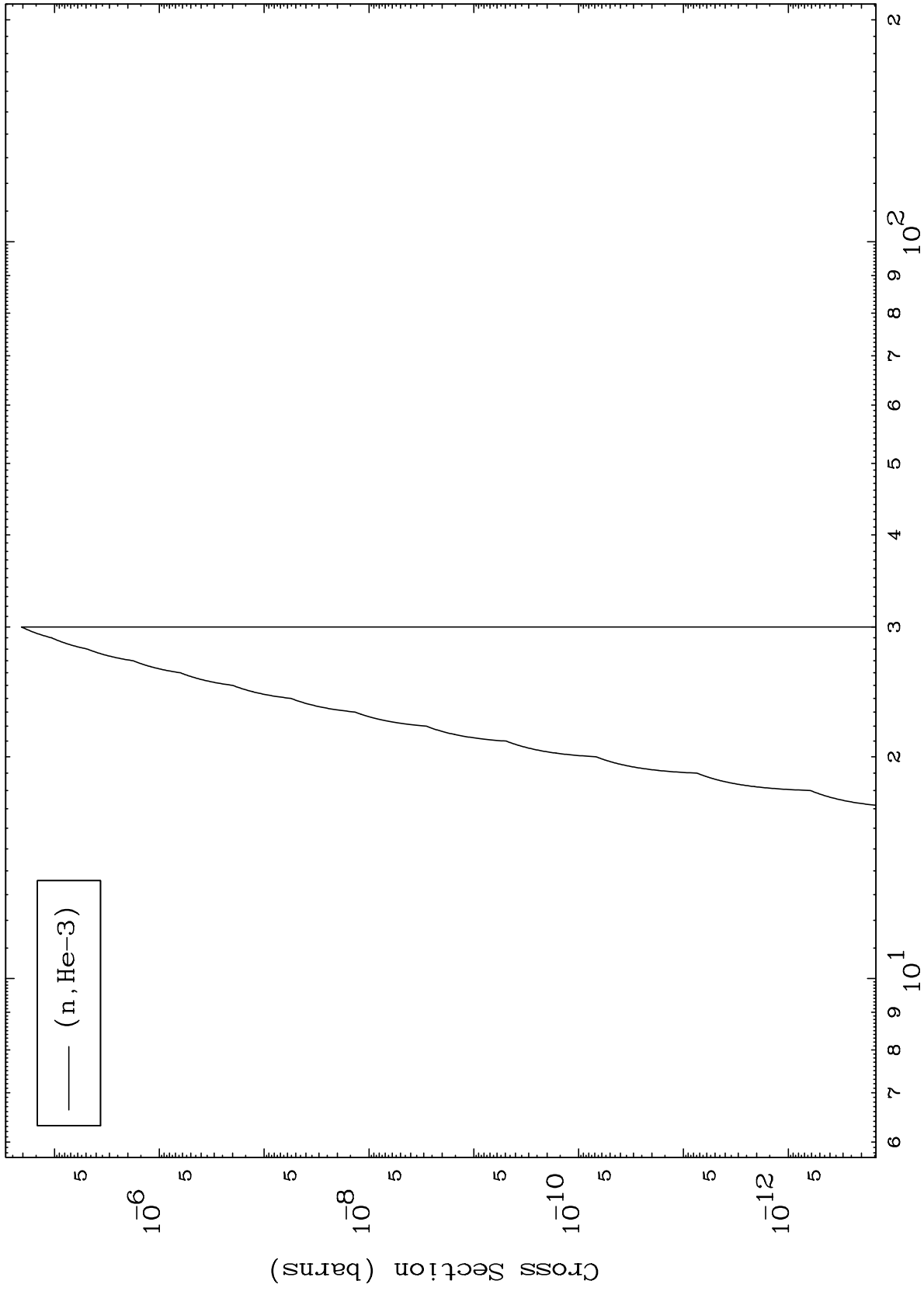
(n,t) Levels  
293 Kelvin Cross Sections



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(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-218



14

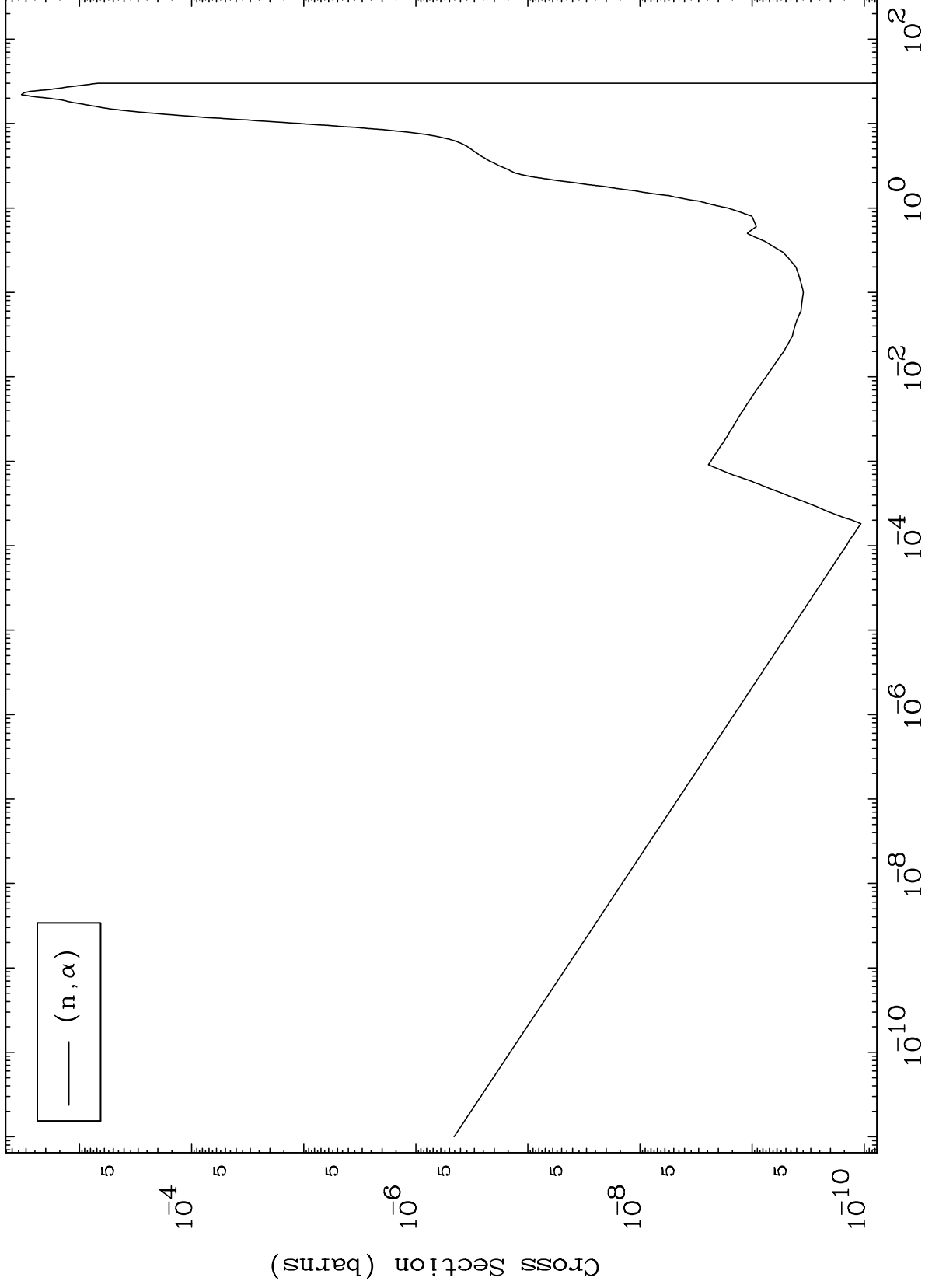
Incident Energy (MeV)

84-Po-218

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(n,α) Levels  
293 Kelvin Cross Sections

84-Po-218



15

Incident Energy (MeV)

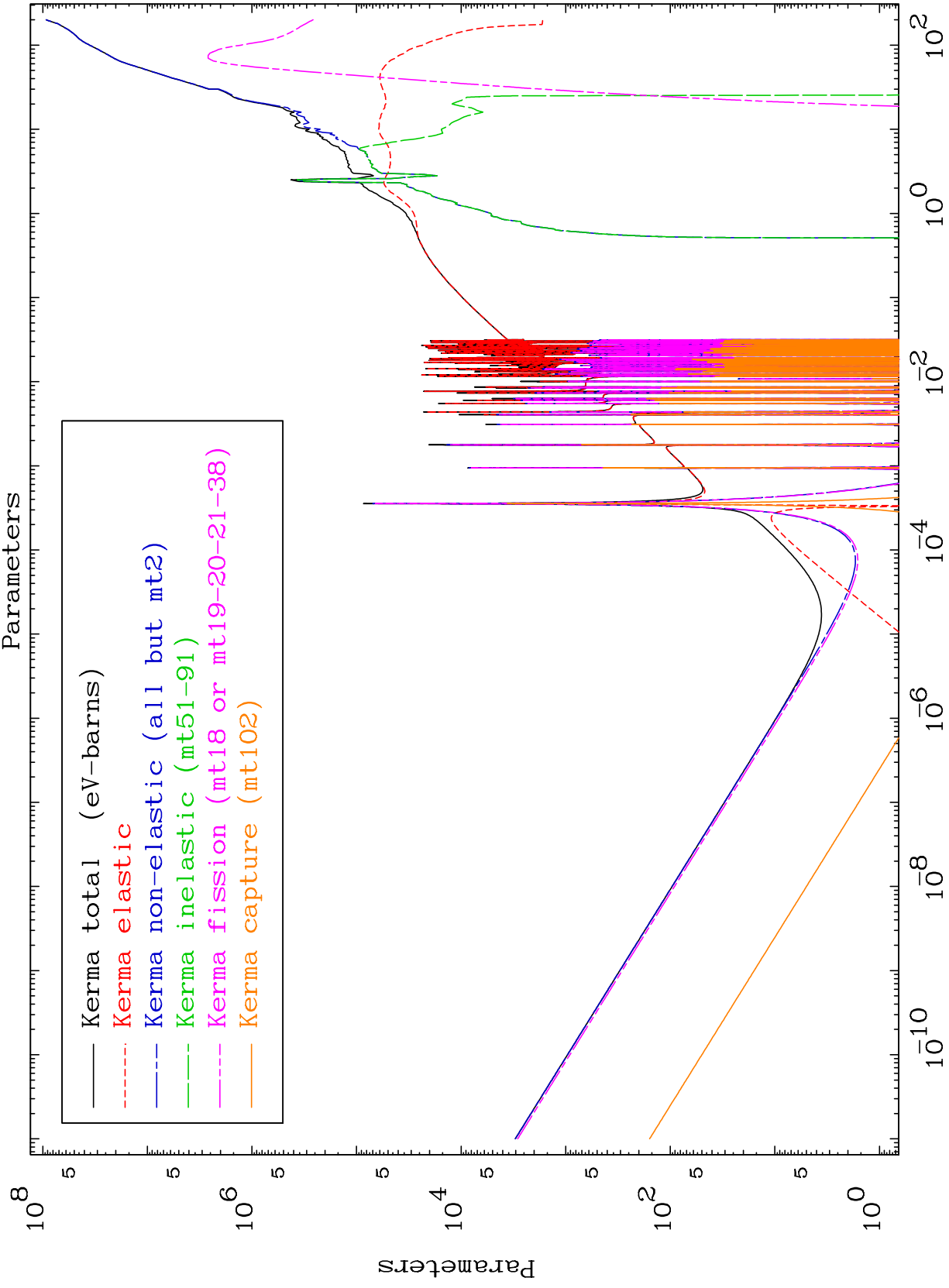
84-Po-218

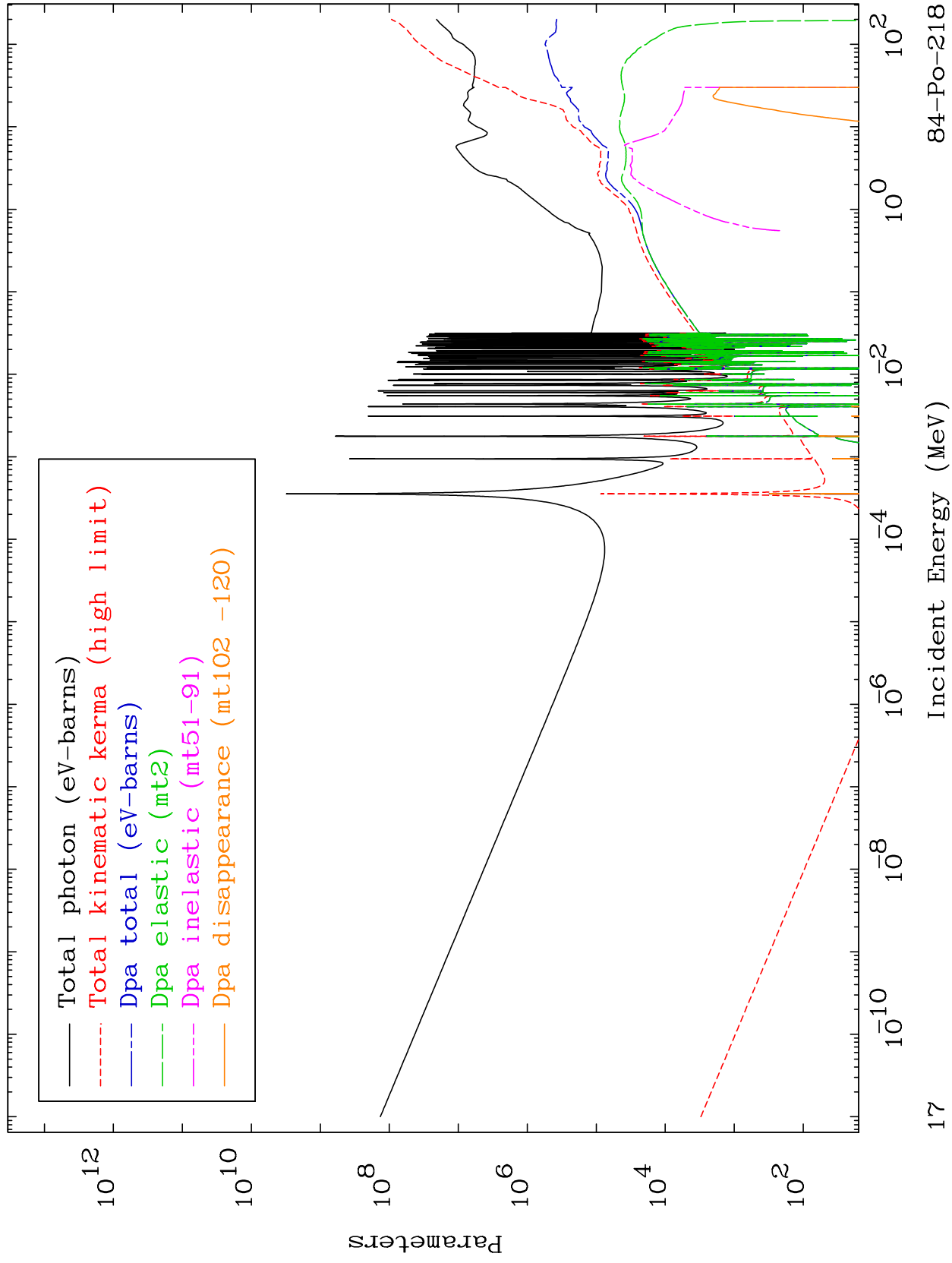


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Energy Release  
Parameters

84-Po-218

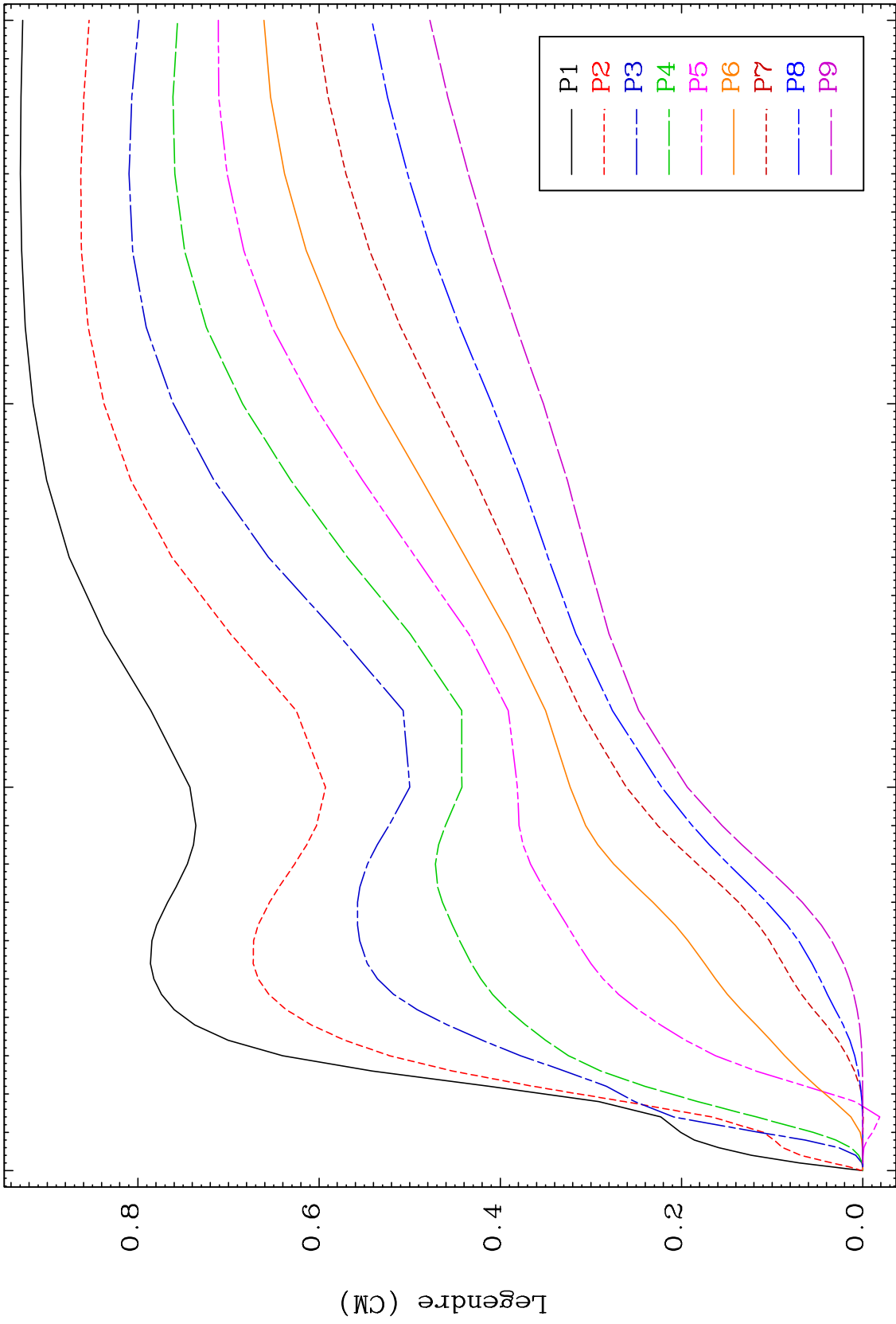




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Elastic Legendre Coefficients

84-Po-218



18

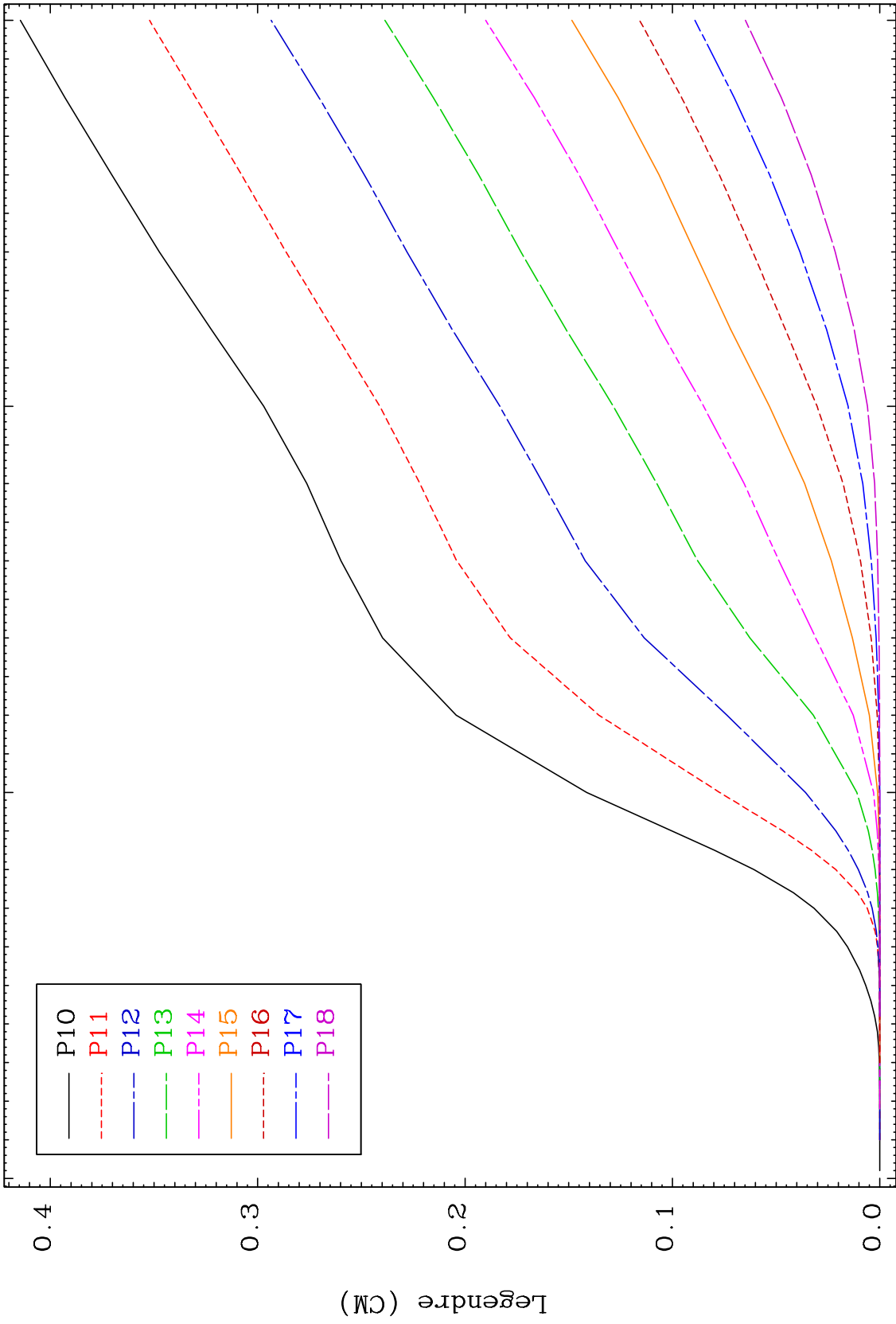
Incident Energy (MeV)

84-Po-218

MAT 8461

Elastic Legendre Coefficients

84-Po-218



19

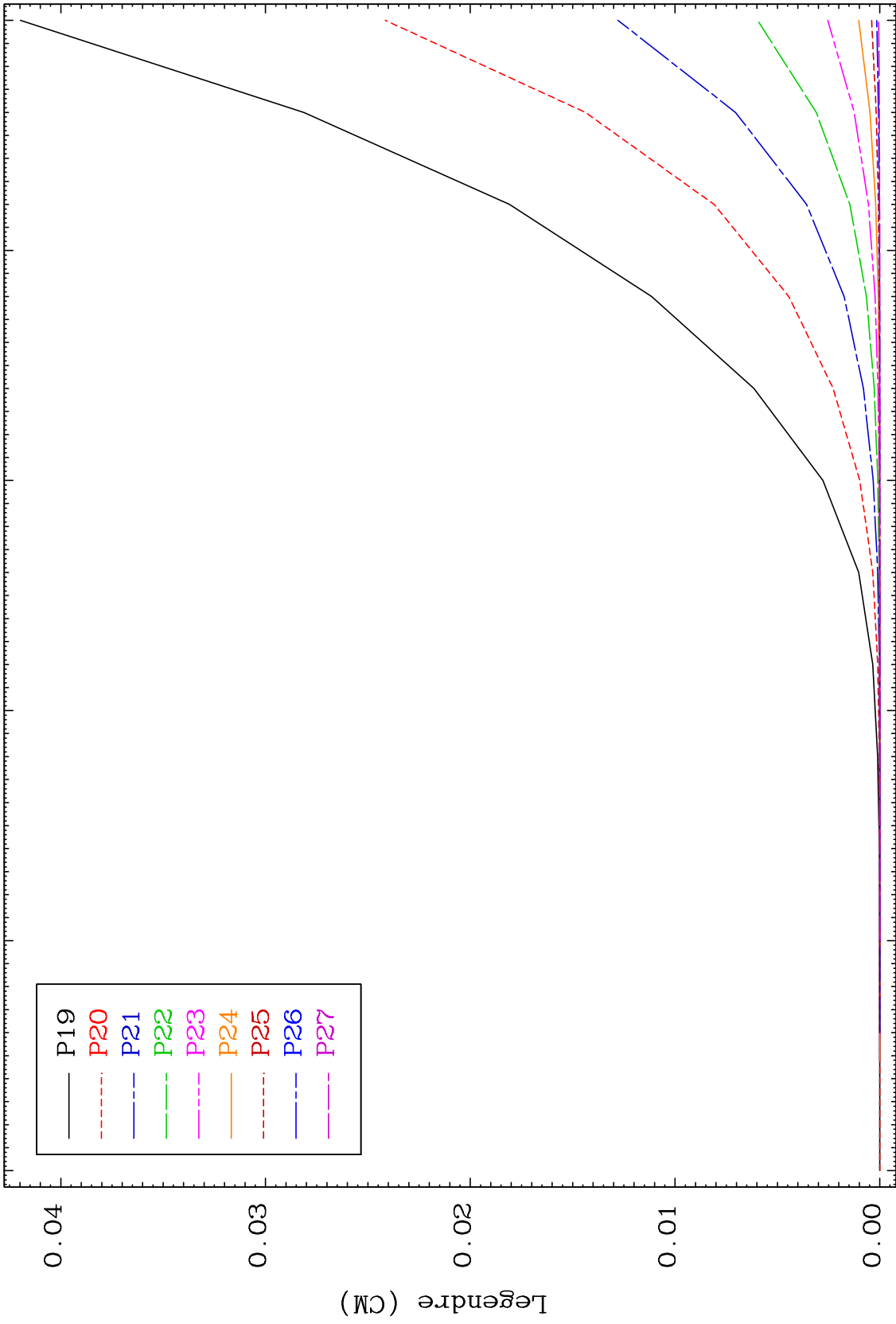
Incident Energy (MeV)

84-Po-218

MAT 8461

Elastic Legendre Coefficients

84-Po-218



20

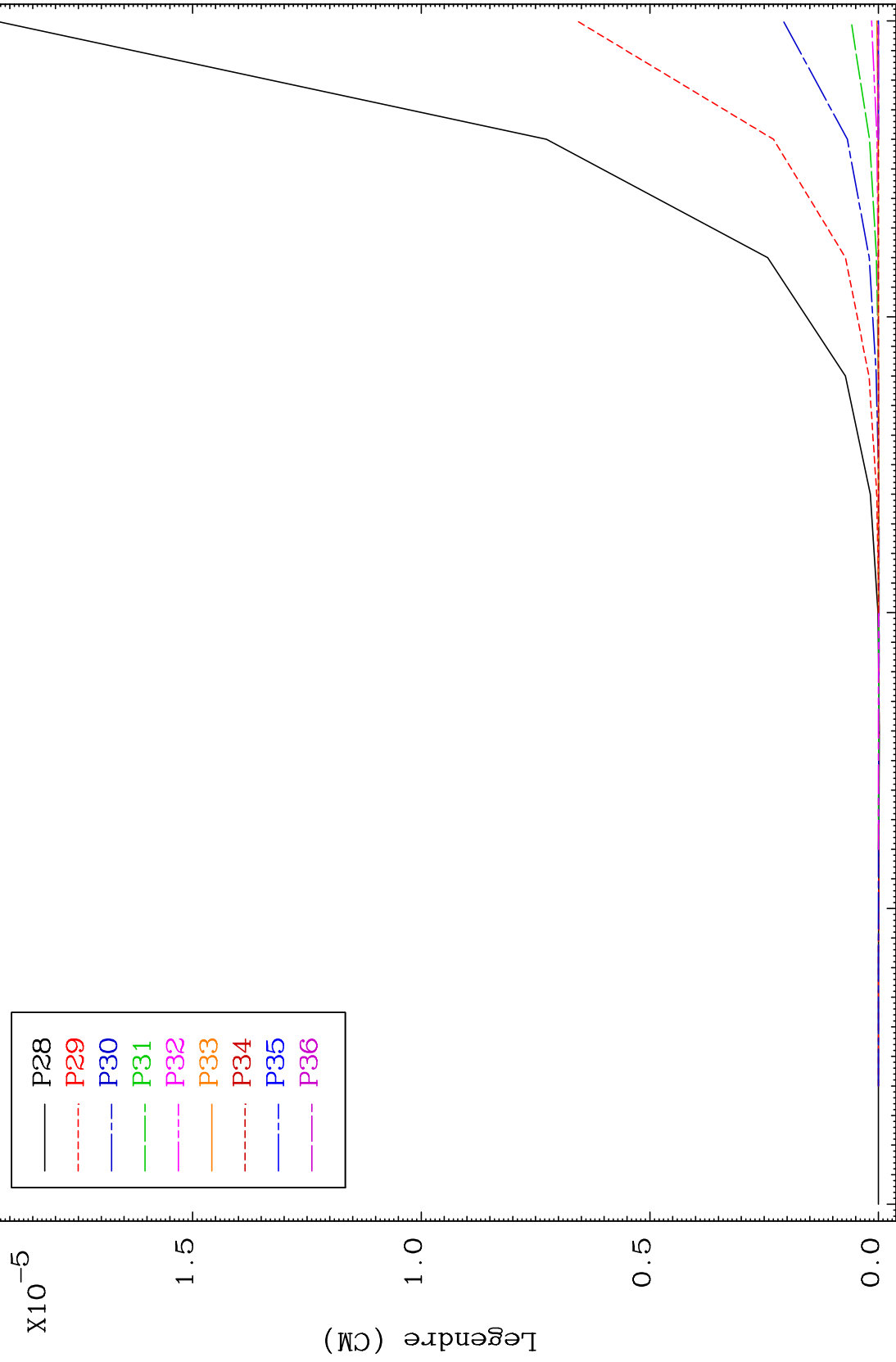
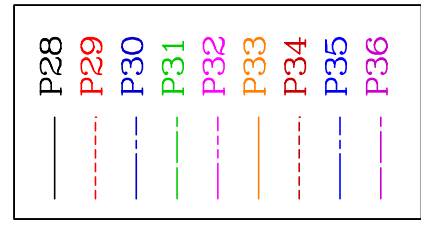
Incident Energy (MeV)

84-Po-218

MAT 8461

Elastic Legendre Coefficients

84-Po-218



21

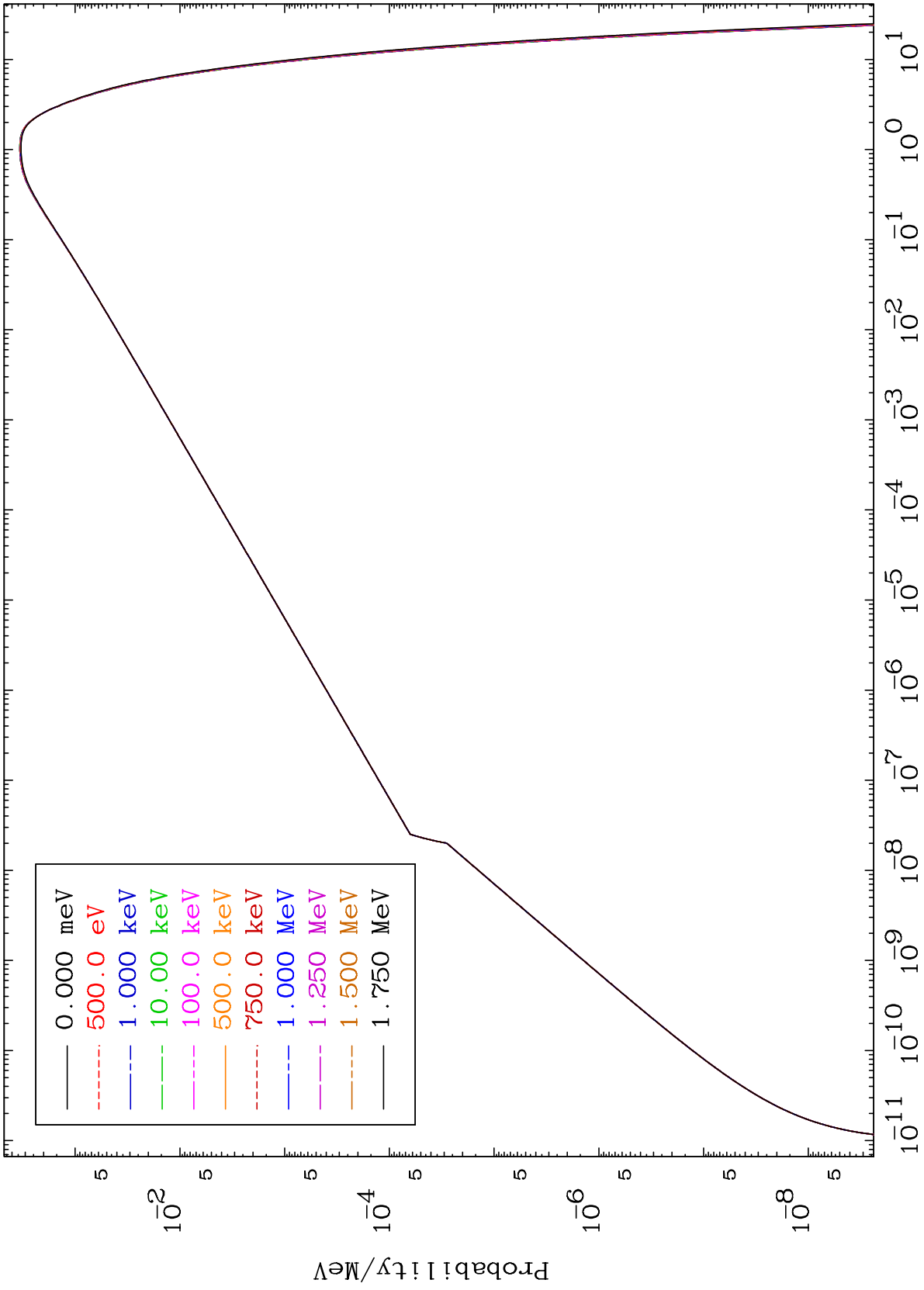
Incident Energy (MeV)

84-Po-218

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### Fission Energy Distribution

84-Po-218



- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

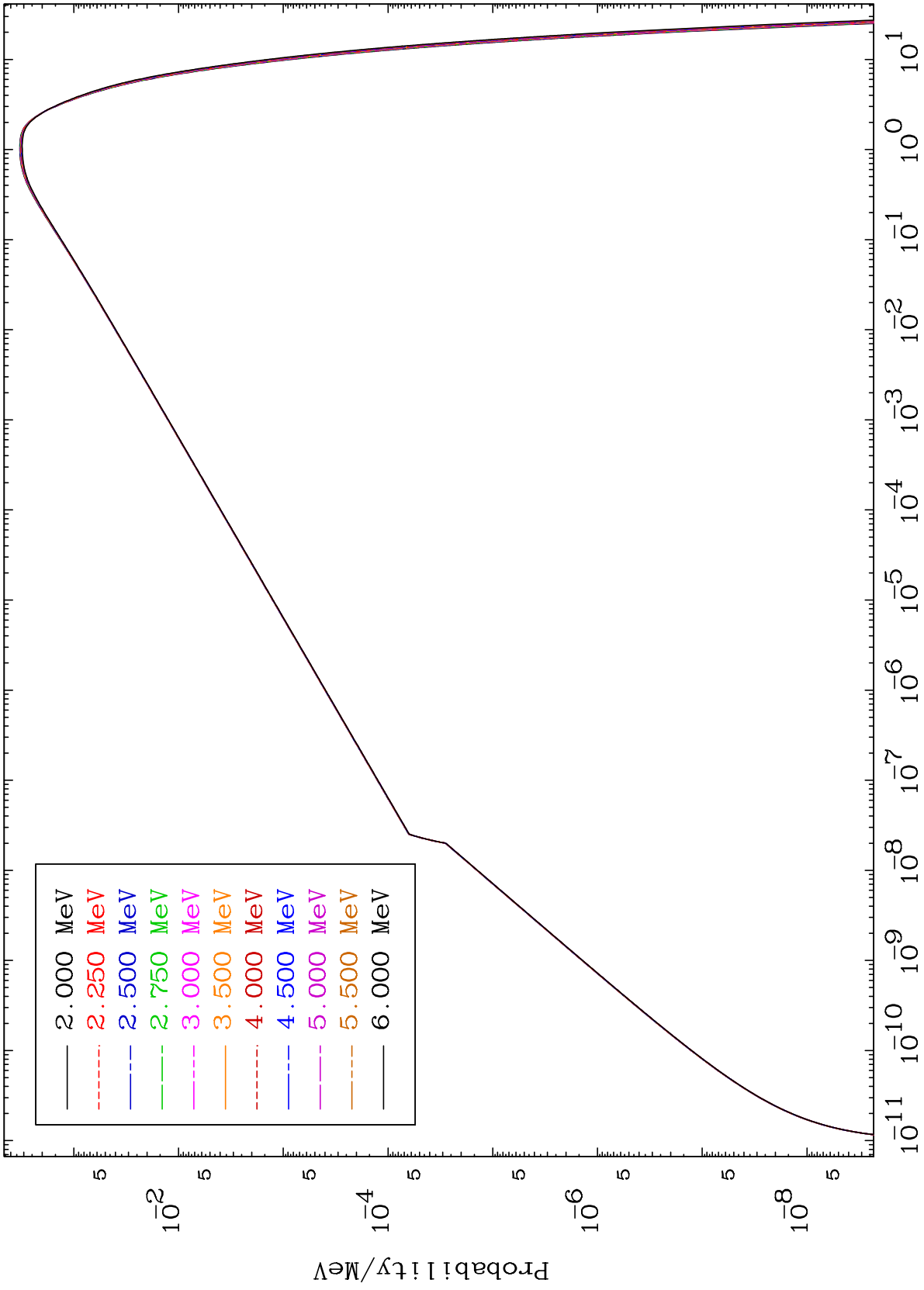
84-Po-218

Secondary Energy (MeV)

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# Fission Energy Distribution

84-Po-218



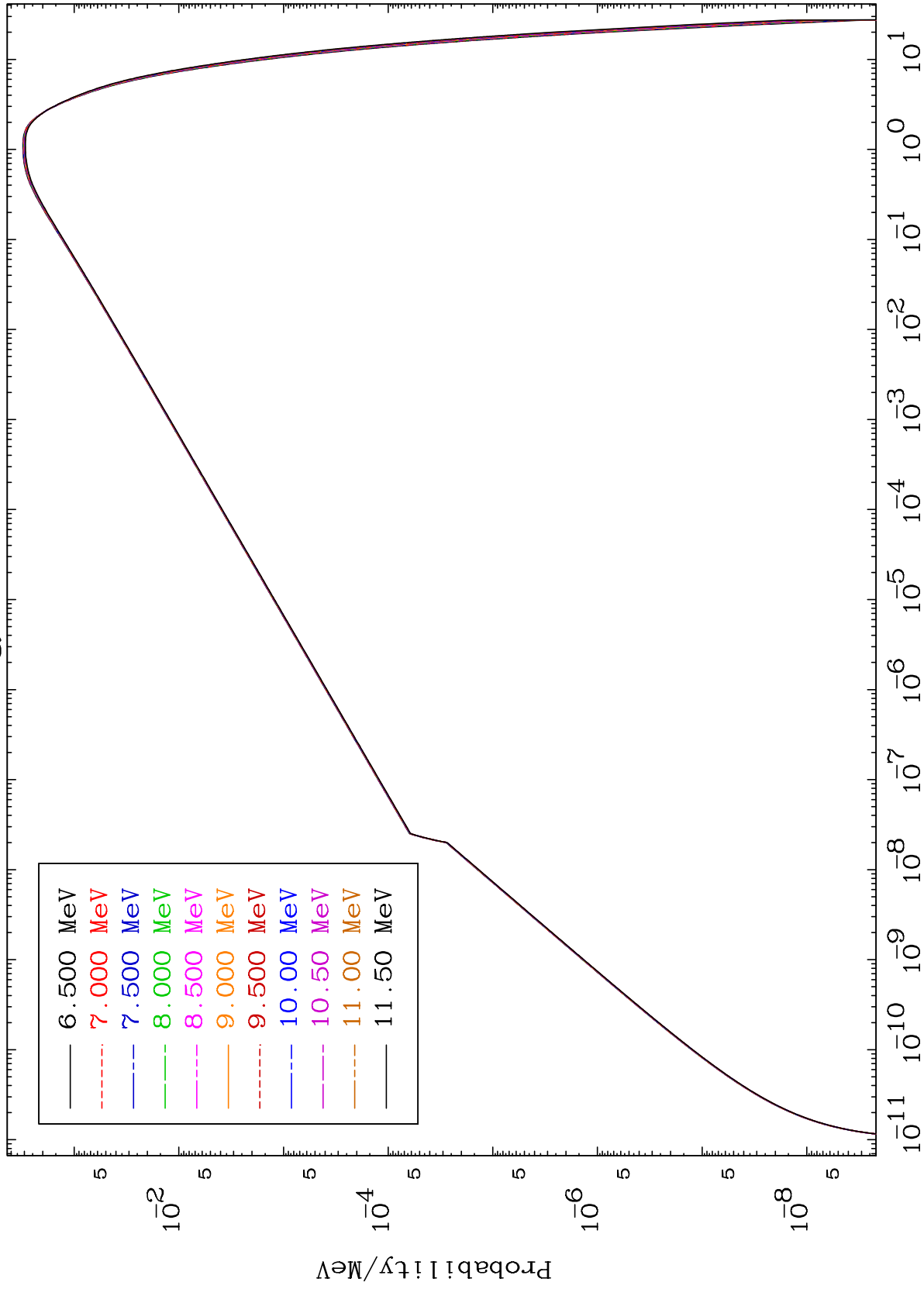
84-Po-218



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### Fission Energy Distribution

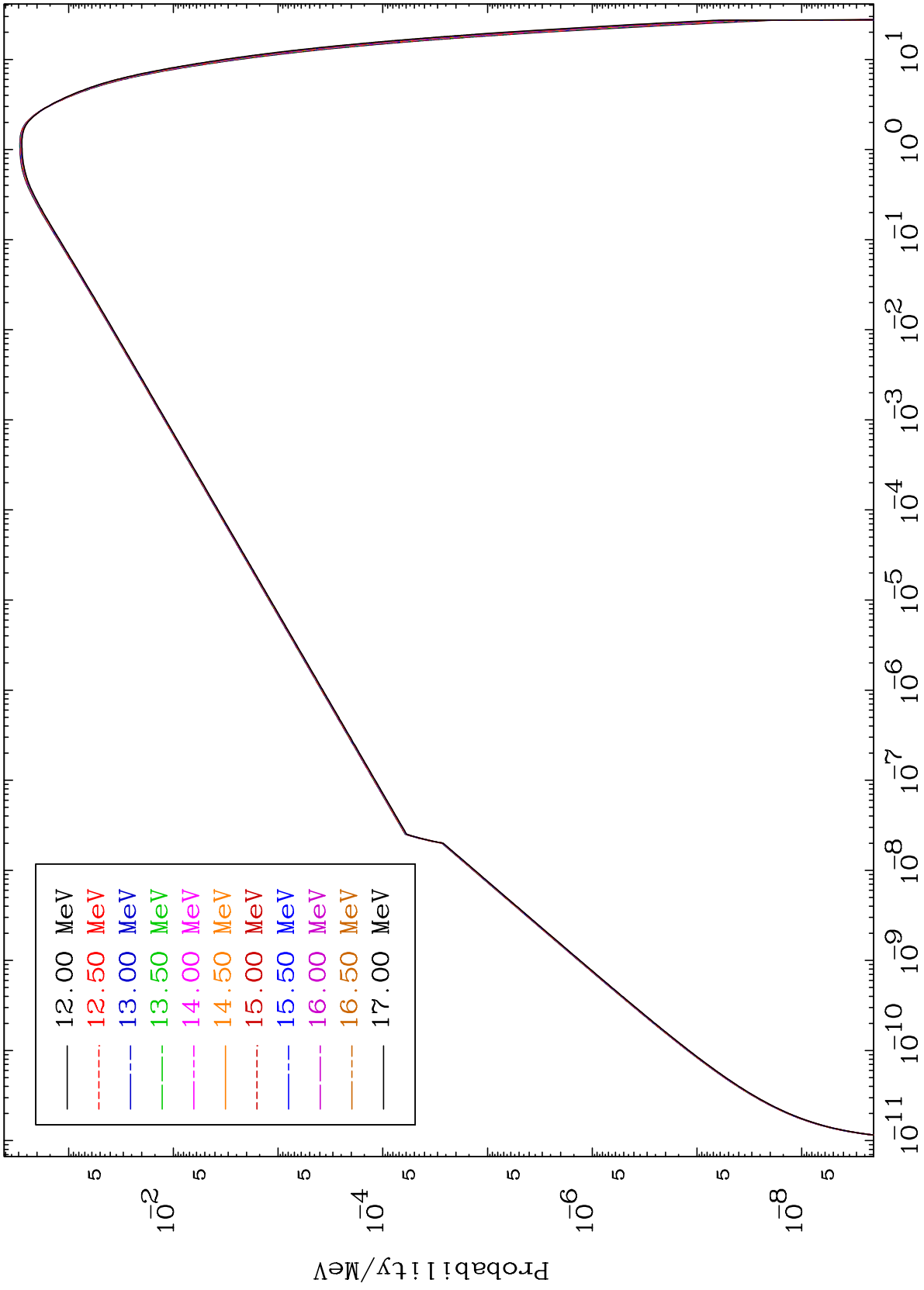
84-Po-218



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### Fission Energy Distribution

84-Po-218

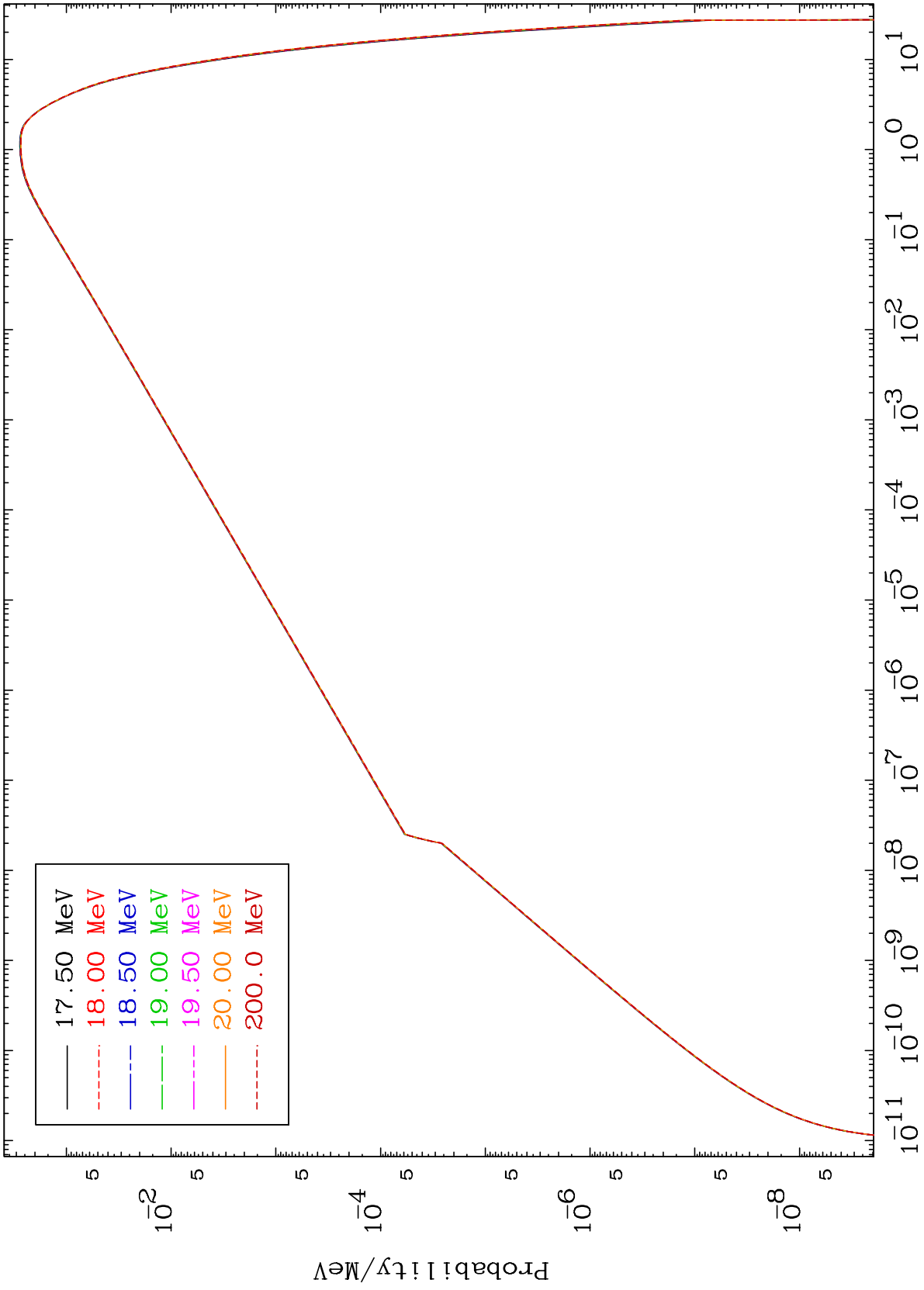


84-Po-218

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### Fission Energy Distribution

84-Po-218



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

84-Po-218

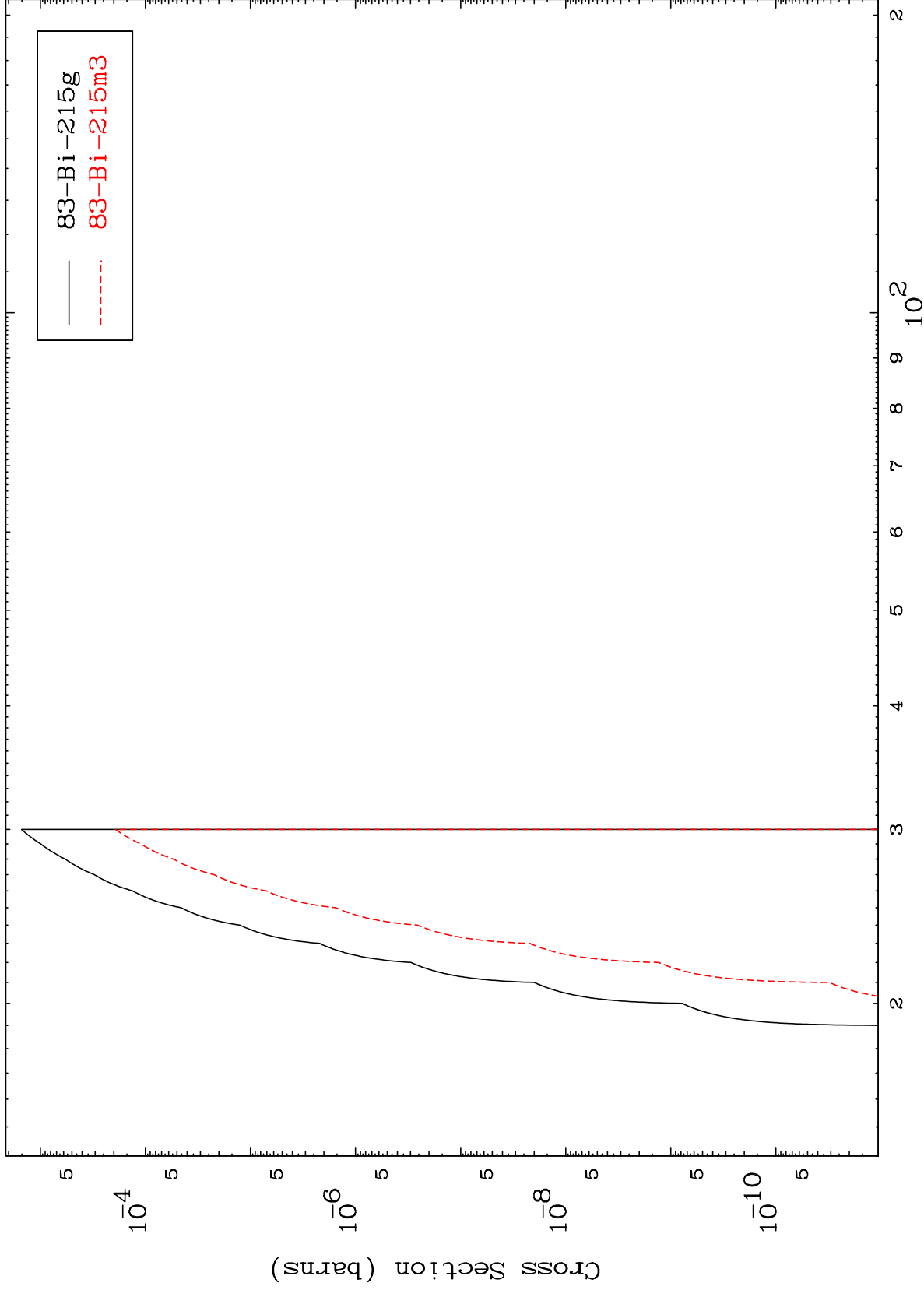
Secondary Energy (MeV)

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(n,2n) d

84-Po-218

Radionuclide Production Cross Section



27

Incident Energy (MeV)

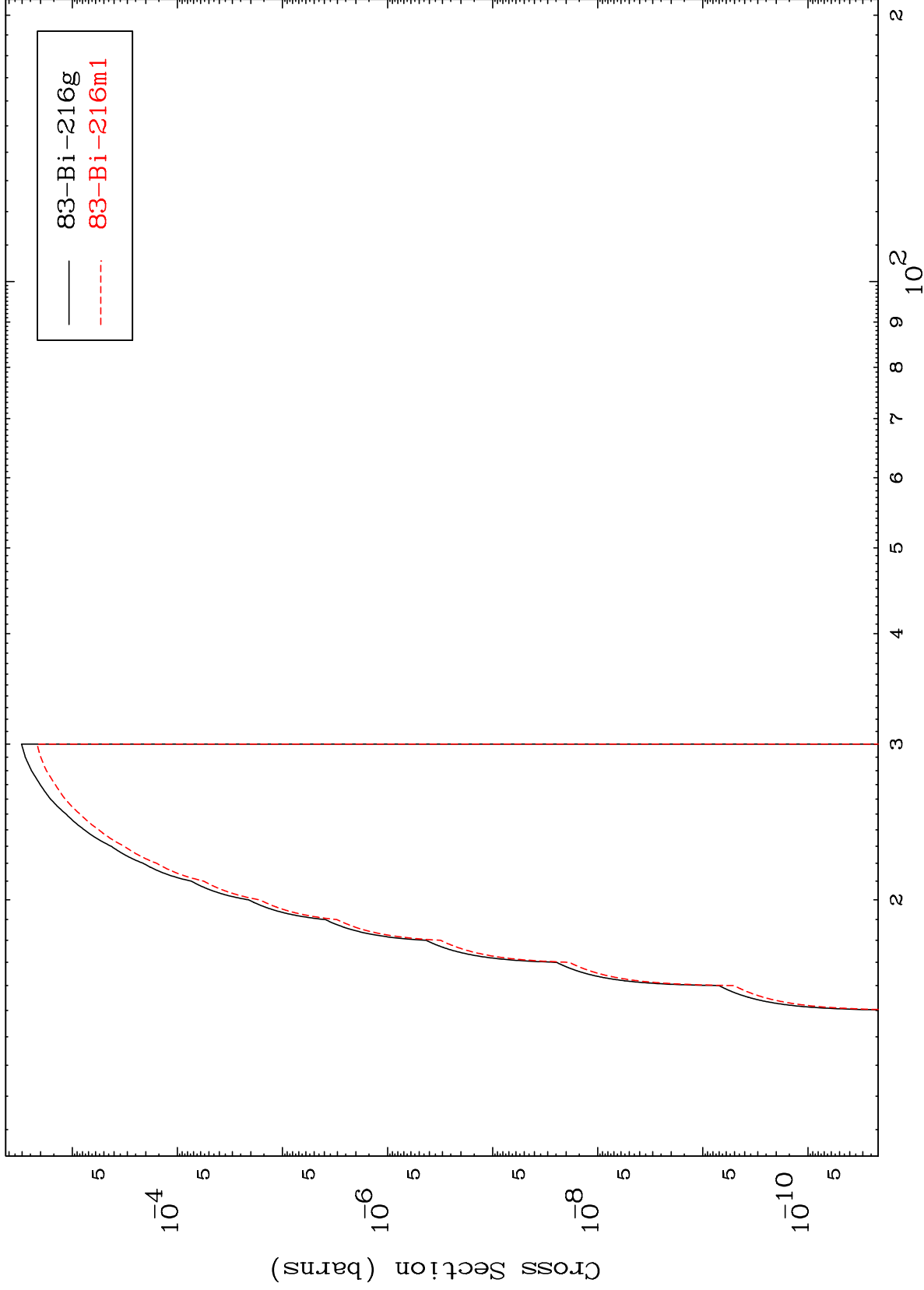
84-Po-218

MAT 8461

(n,n') d

84-Po-218

Radionuclide Production Cross Section



28

Incident Energy (MeV)

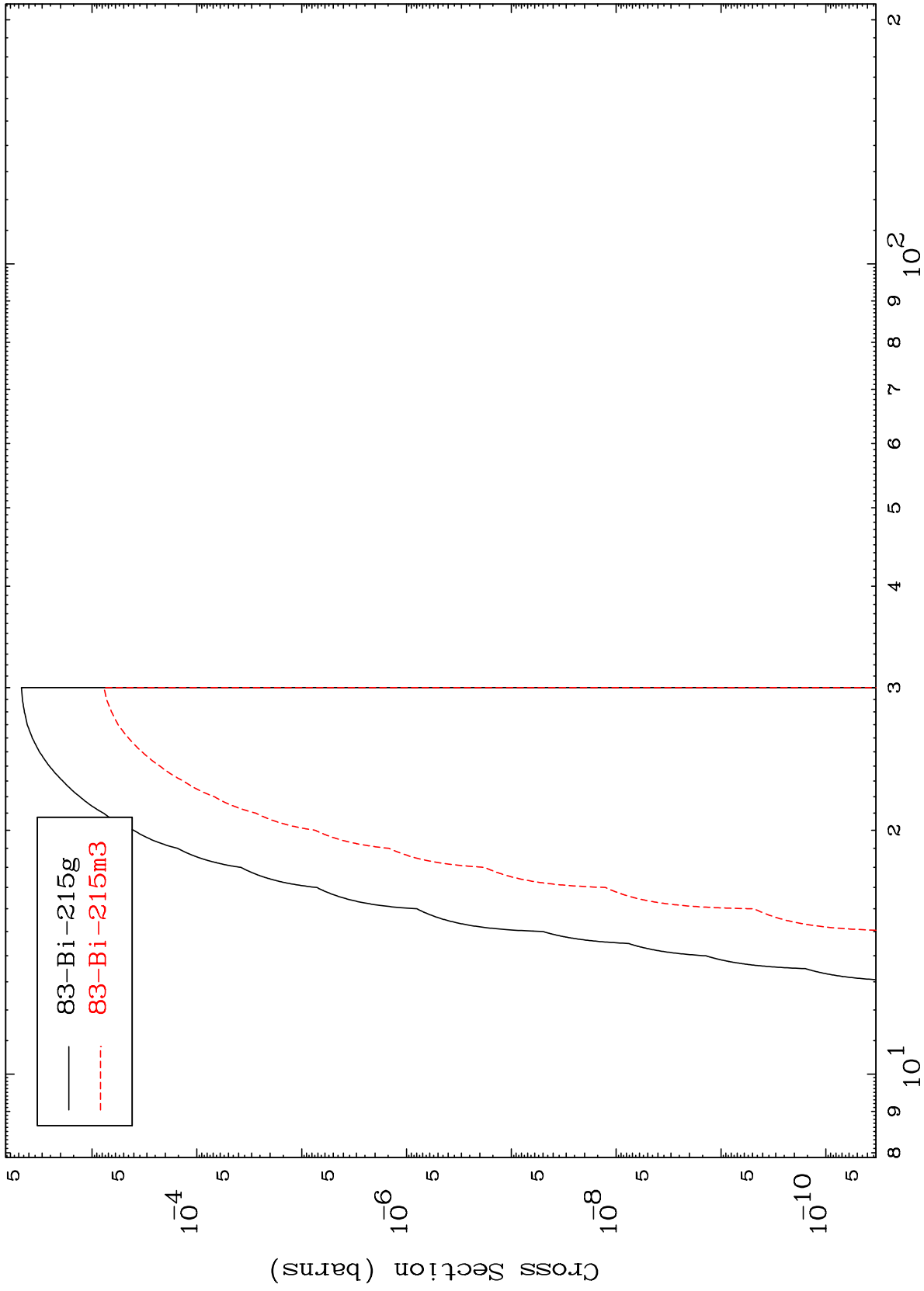
84-Po-218

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(n,n') t

84-Po-218

Radionuclide Production Cross Section



29

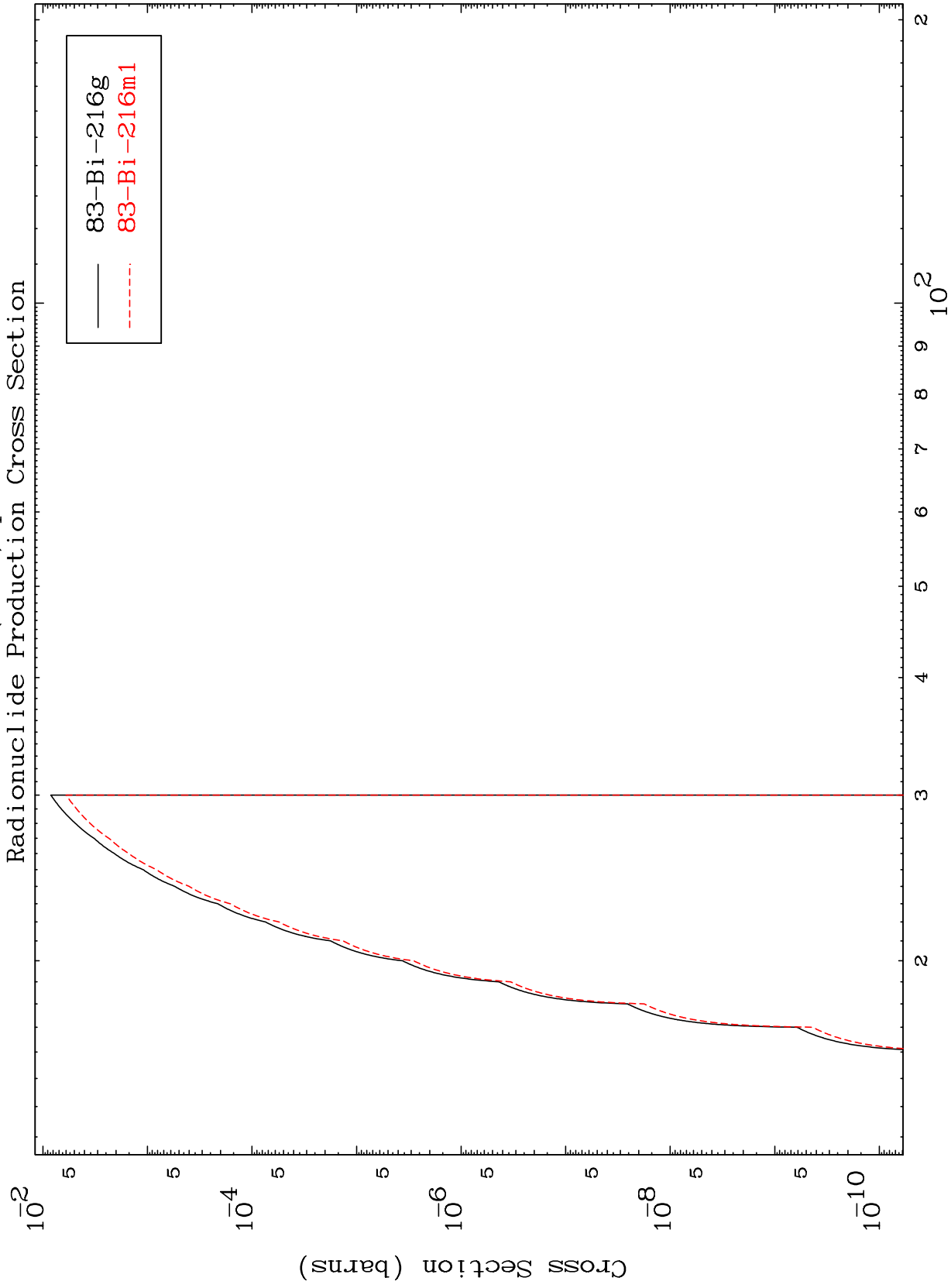
Incident Energy (MeV)

84-Po-218

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(n,2n) p

84-Po-218



30

84-Po-218

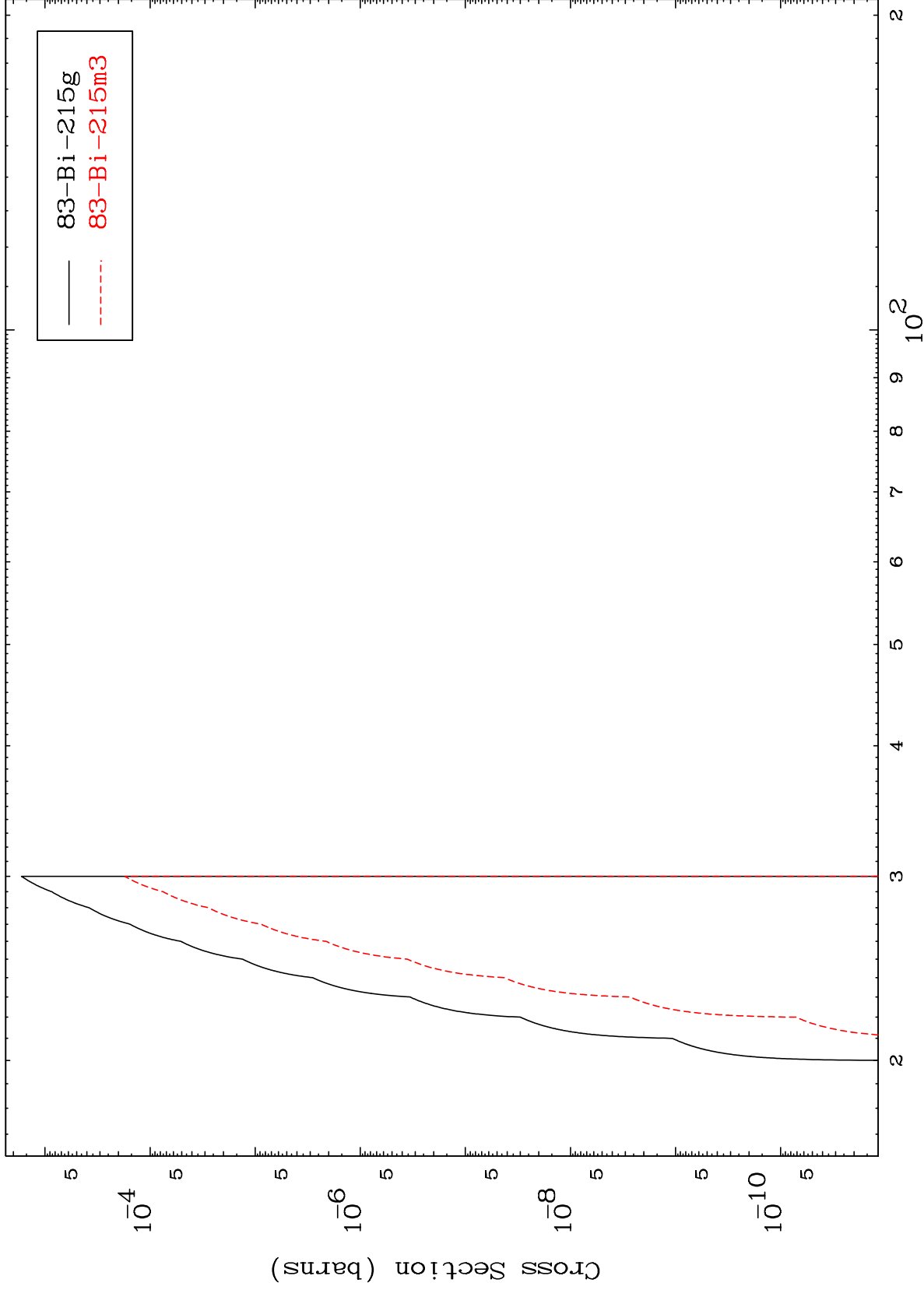
84-Po-218

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(n,3n) p

84-Po-218

Radionuclide Production Cross Section



31

Incident Energy (MeV)

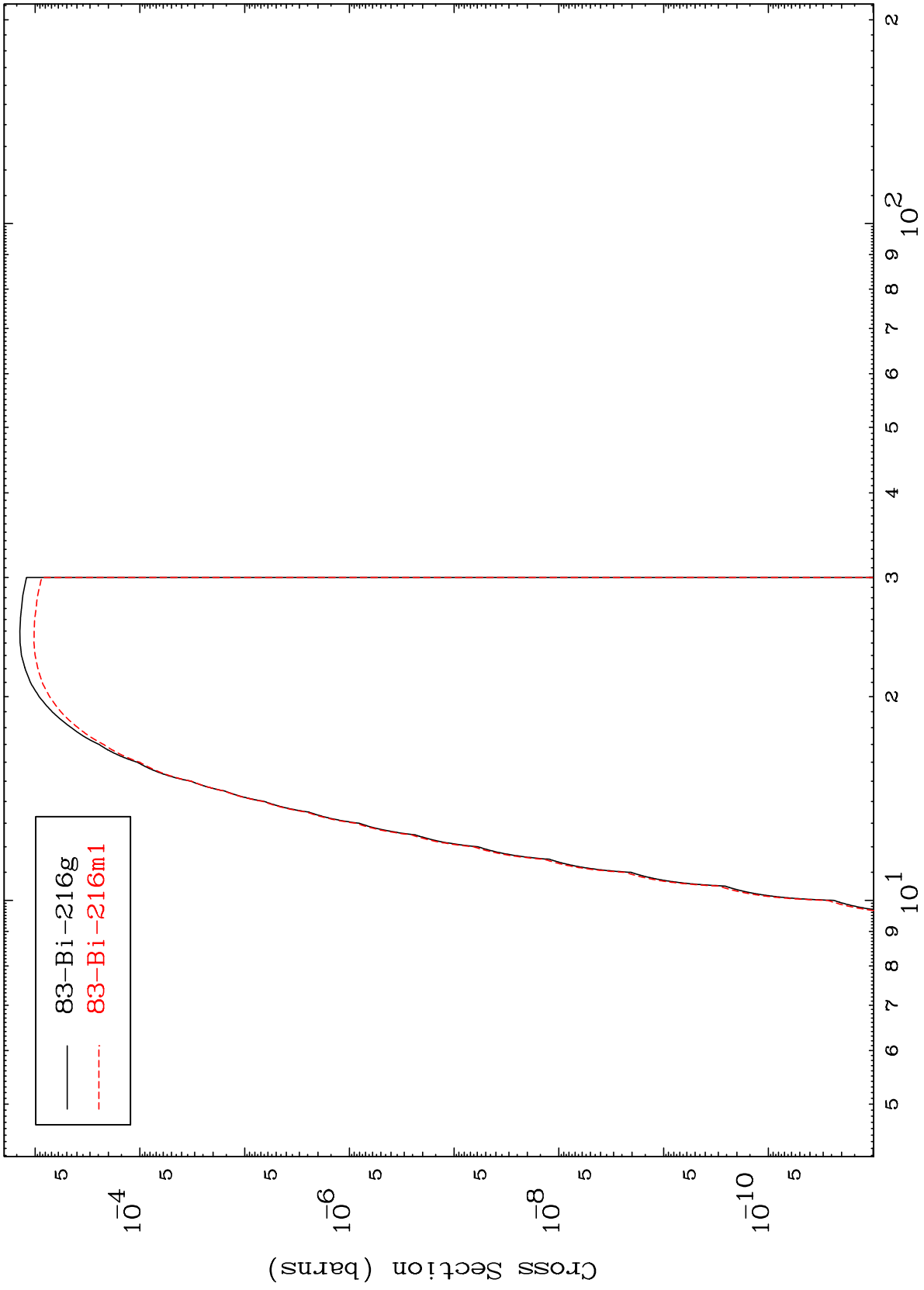
84-Po-218



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84-Po-218

(n, t)  
Radionuclide Production Cross Section



32

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