

Program EVALPLOT  
(Version 2021-1)

by

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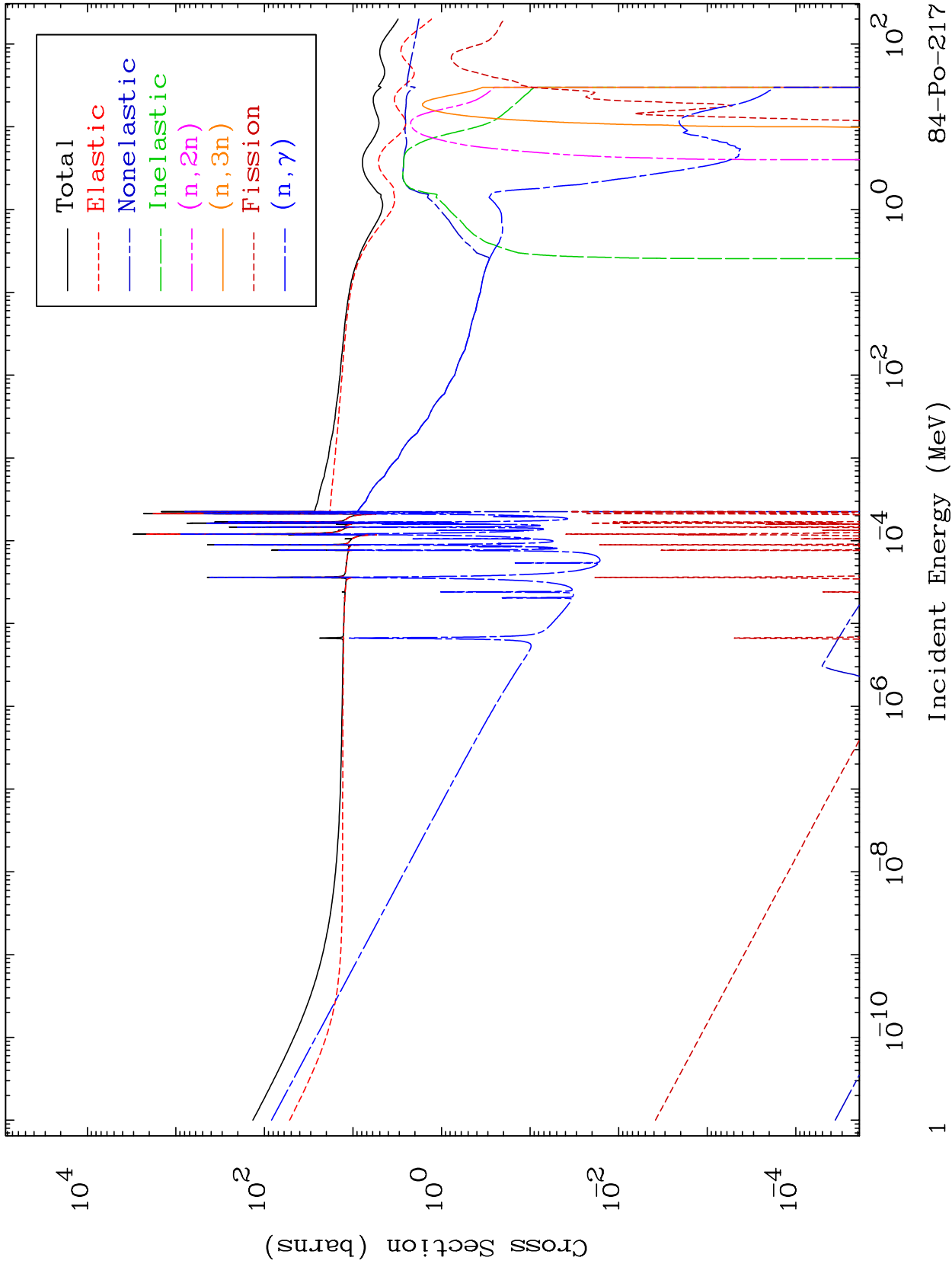
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8458

Neutron Major  
293 Kelvin Cross Sections

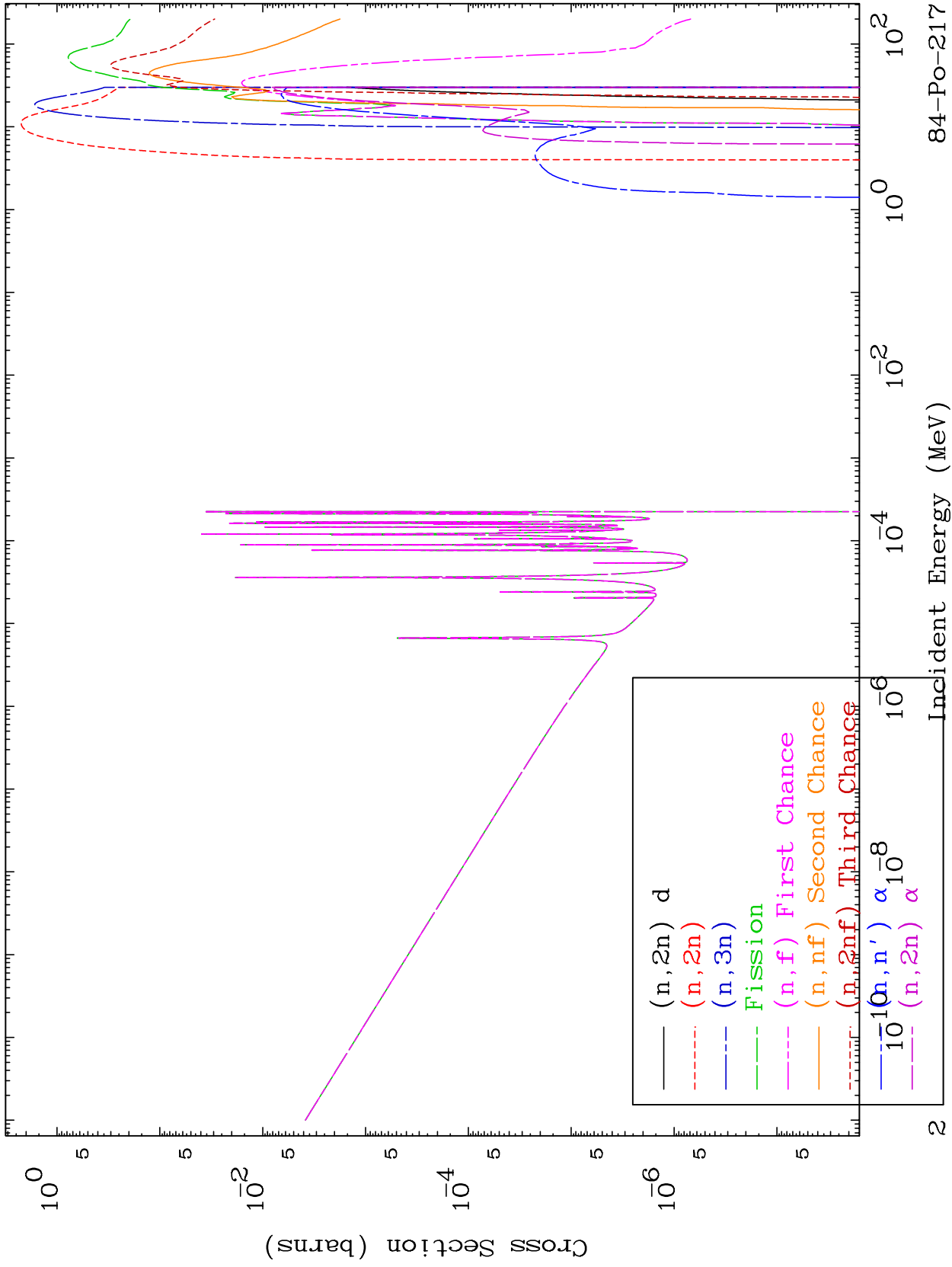
84-Po-217



MAT 8458

Neutron Absorption  
293 Kelvin Cross Sections

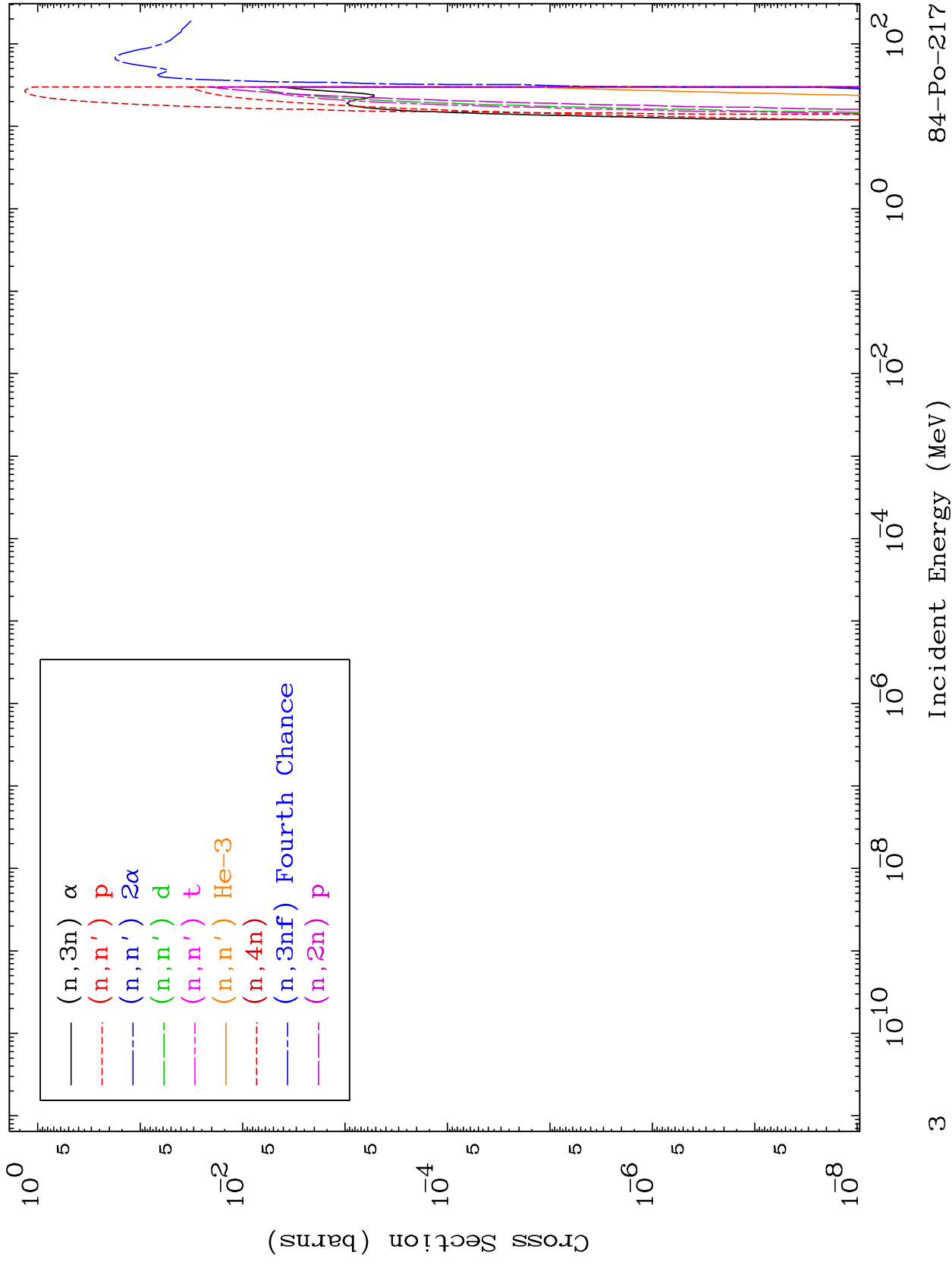
84-Po-217



MAT 8458

Neutron Absorption  
293 Kelvin Cross Sections

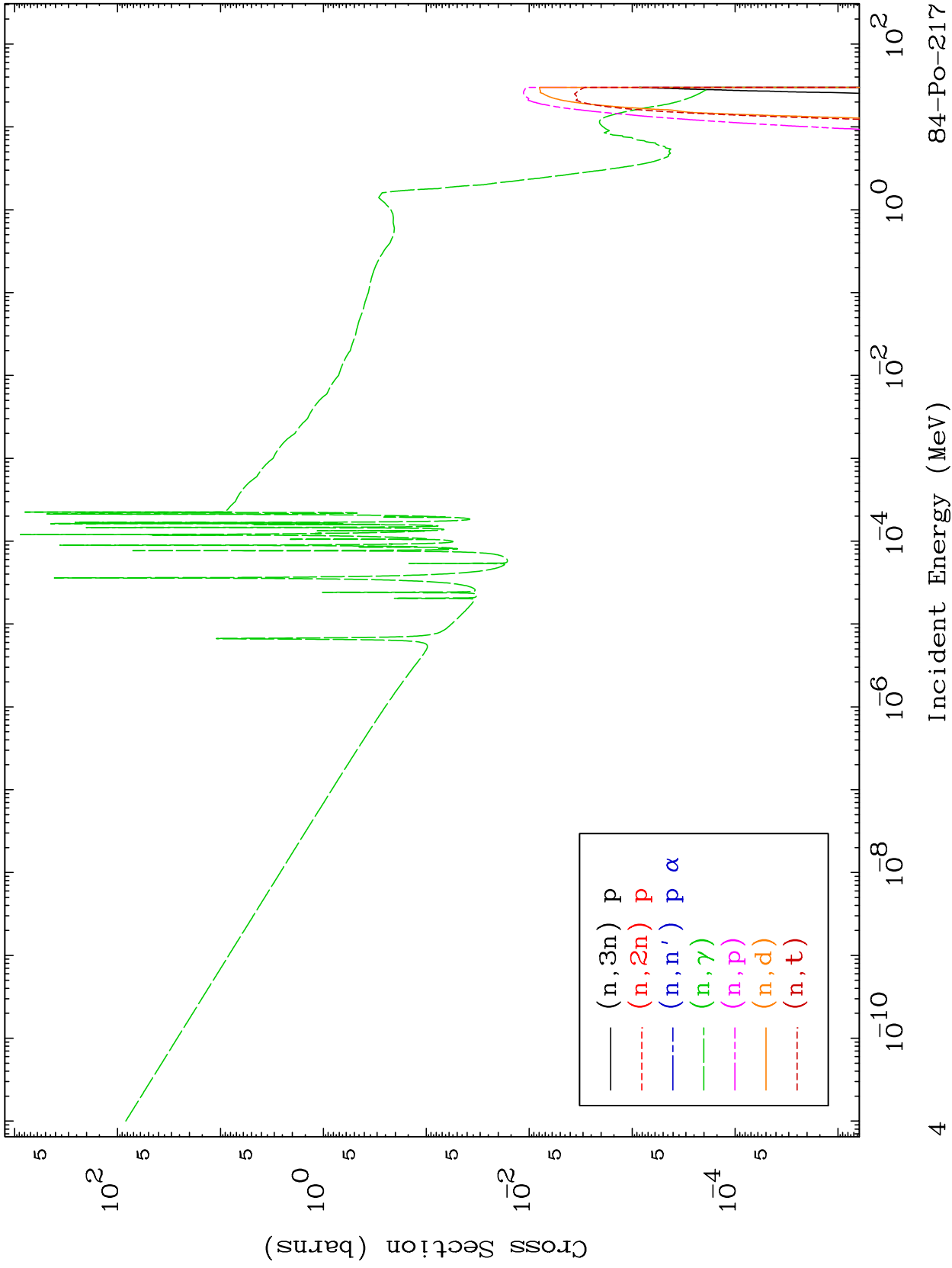
84-Po-217

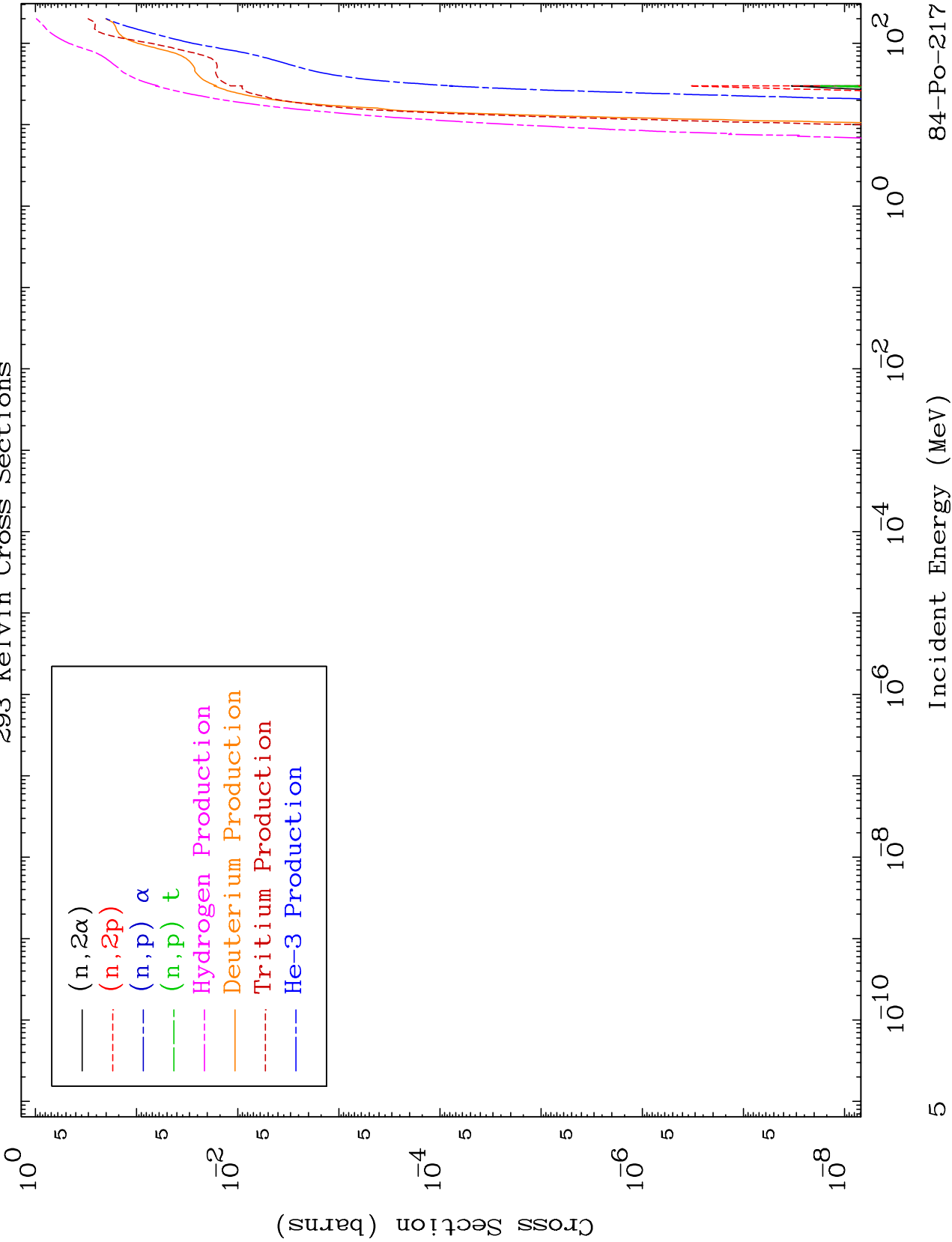


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Neutron Absorption  
293 Kelvin Cross Sections

84-Po-217

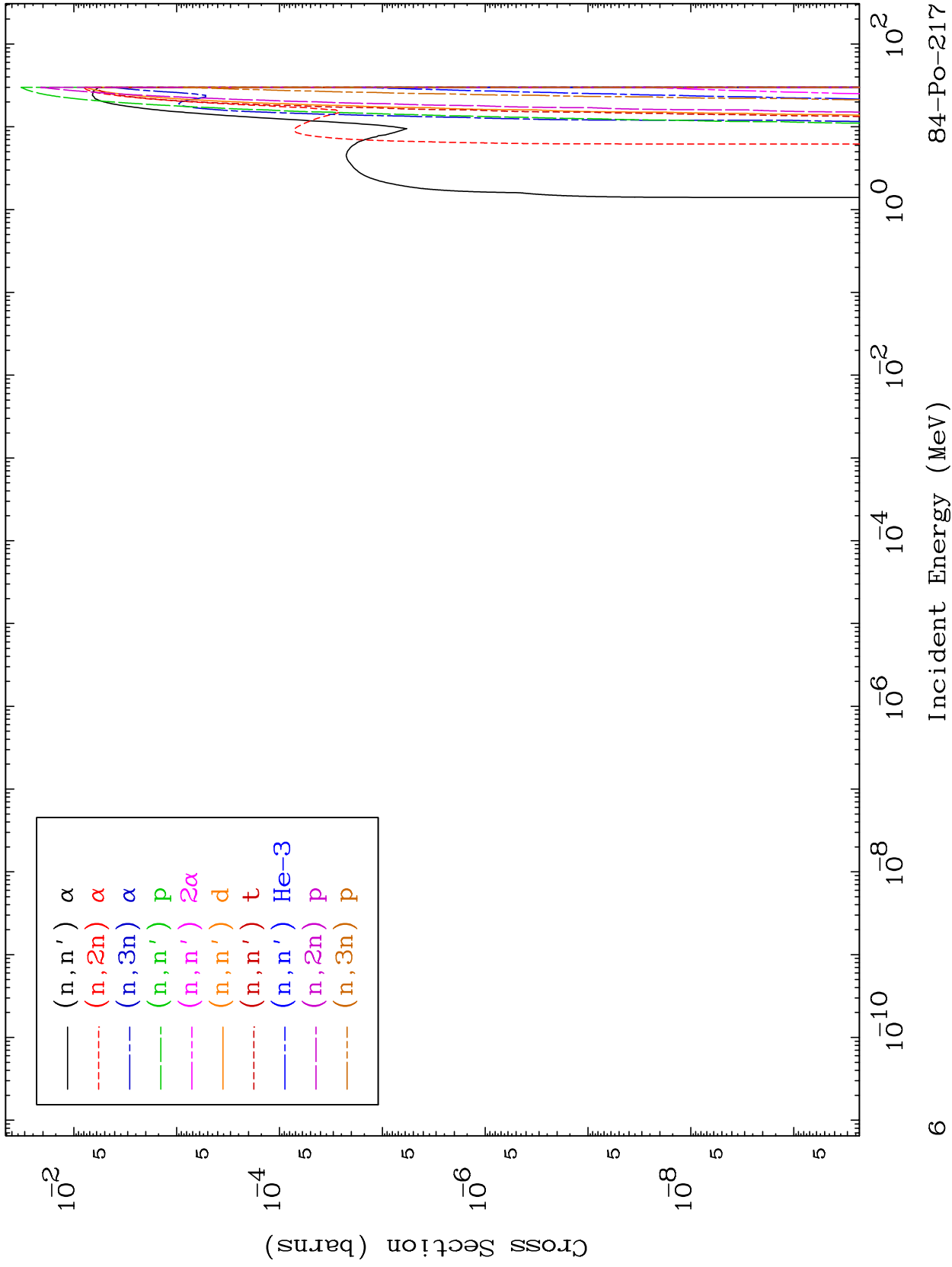




MAT 8458

Charged Particle  
293 Kelvin Cross Sections

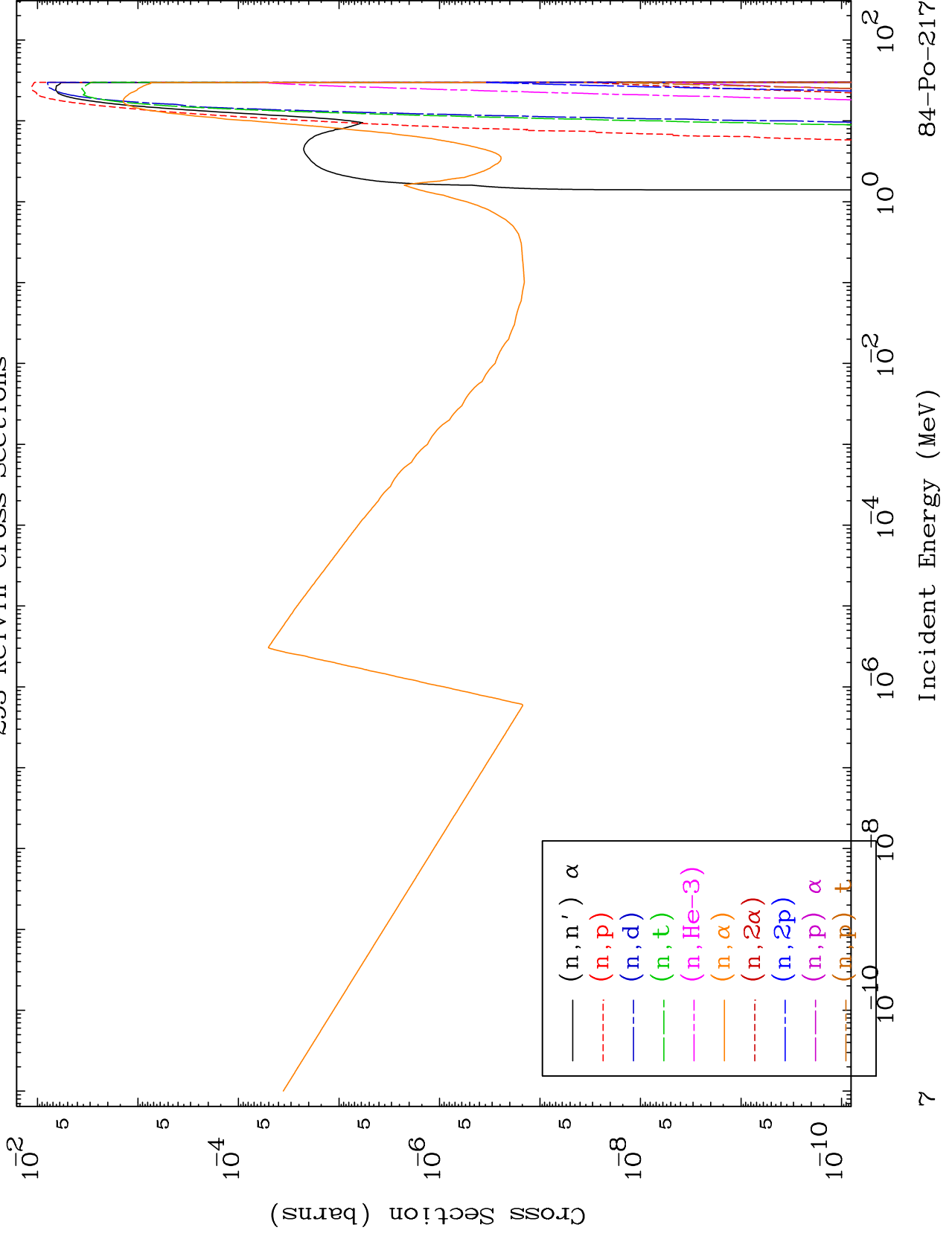
84-Po-217



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Charged Particle  
293 Kelvin Cross Sections

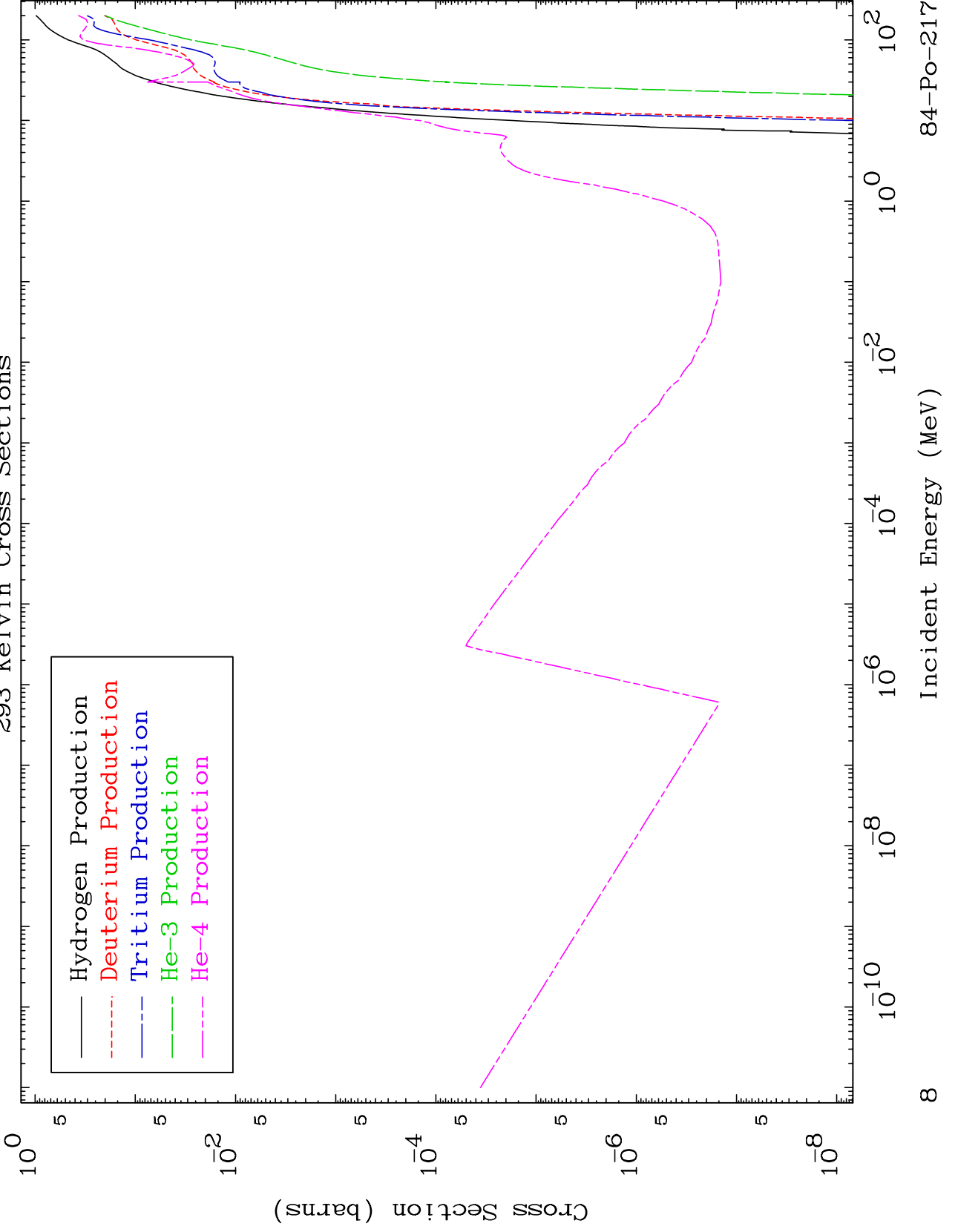
84-Po-217



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Particle Production  
293 Kelvin Cross Sections

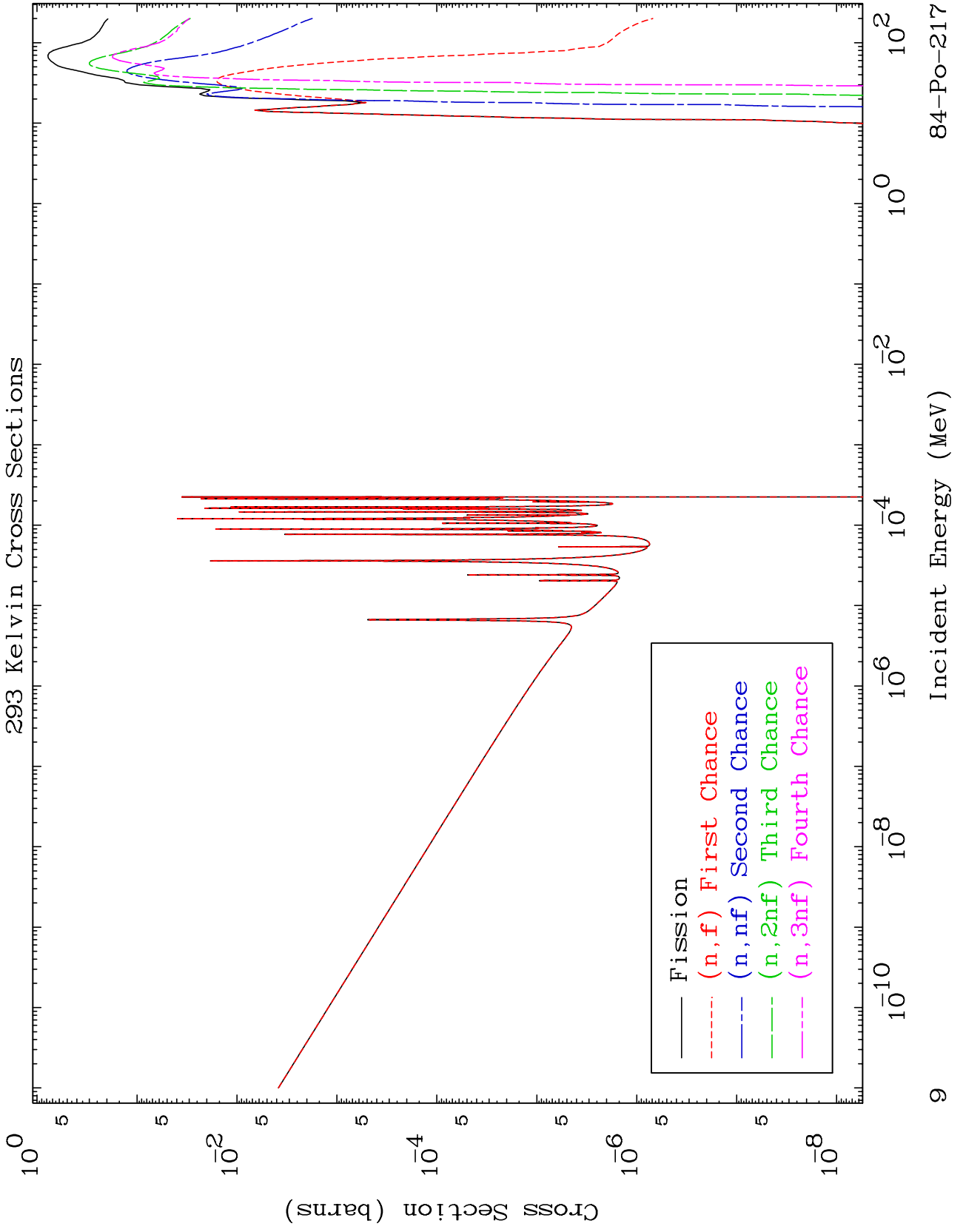
84-Po-217



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Fission  
293 Kelvin Cross Sections

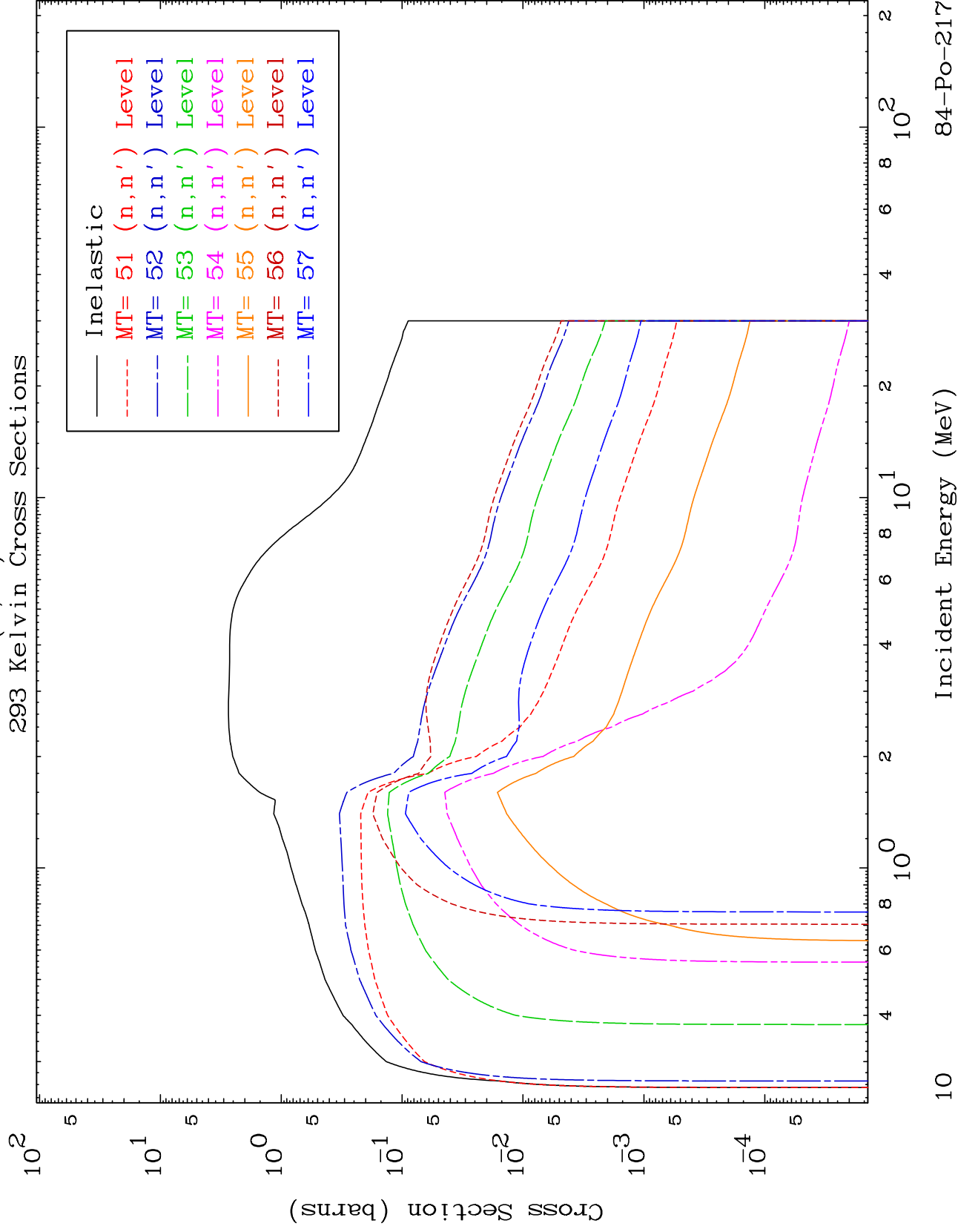
84-Po-217



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(n,n') Levels

84-Po-217

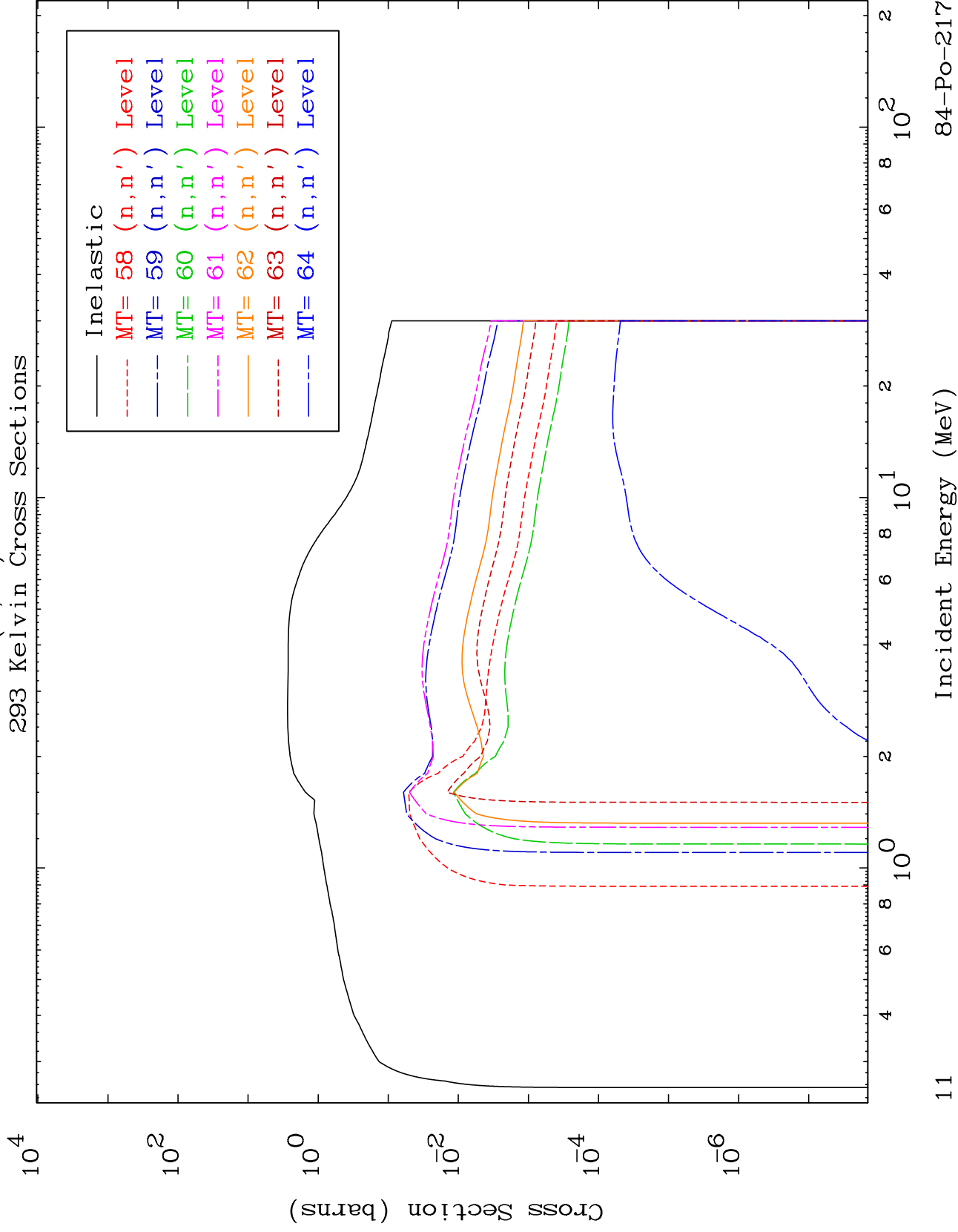


10

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(n,n') Levels

84-Po-217

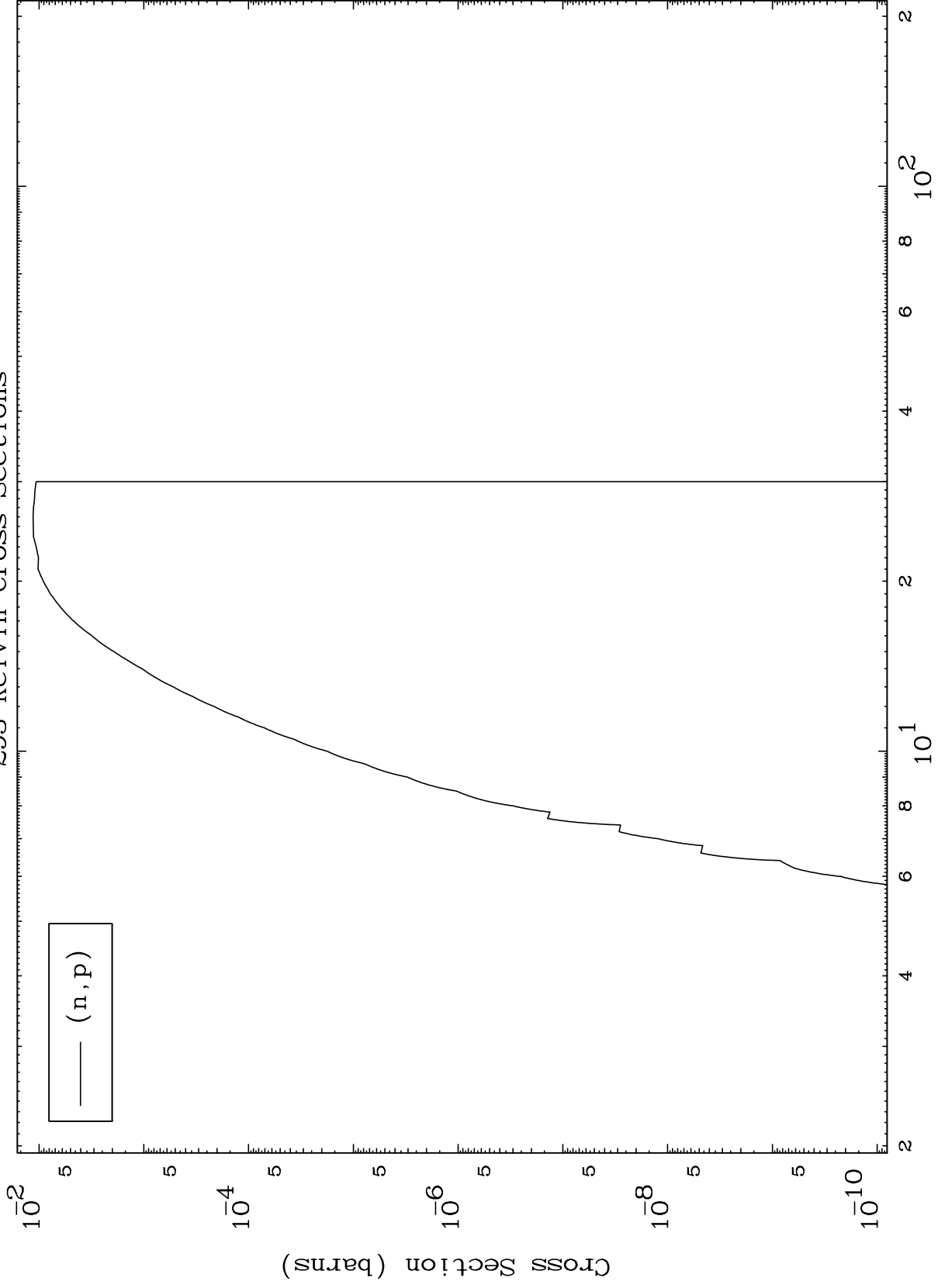




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(n,p) Levels  
293 Kelvin Cross Sections

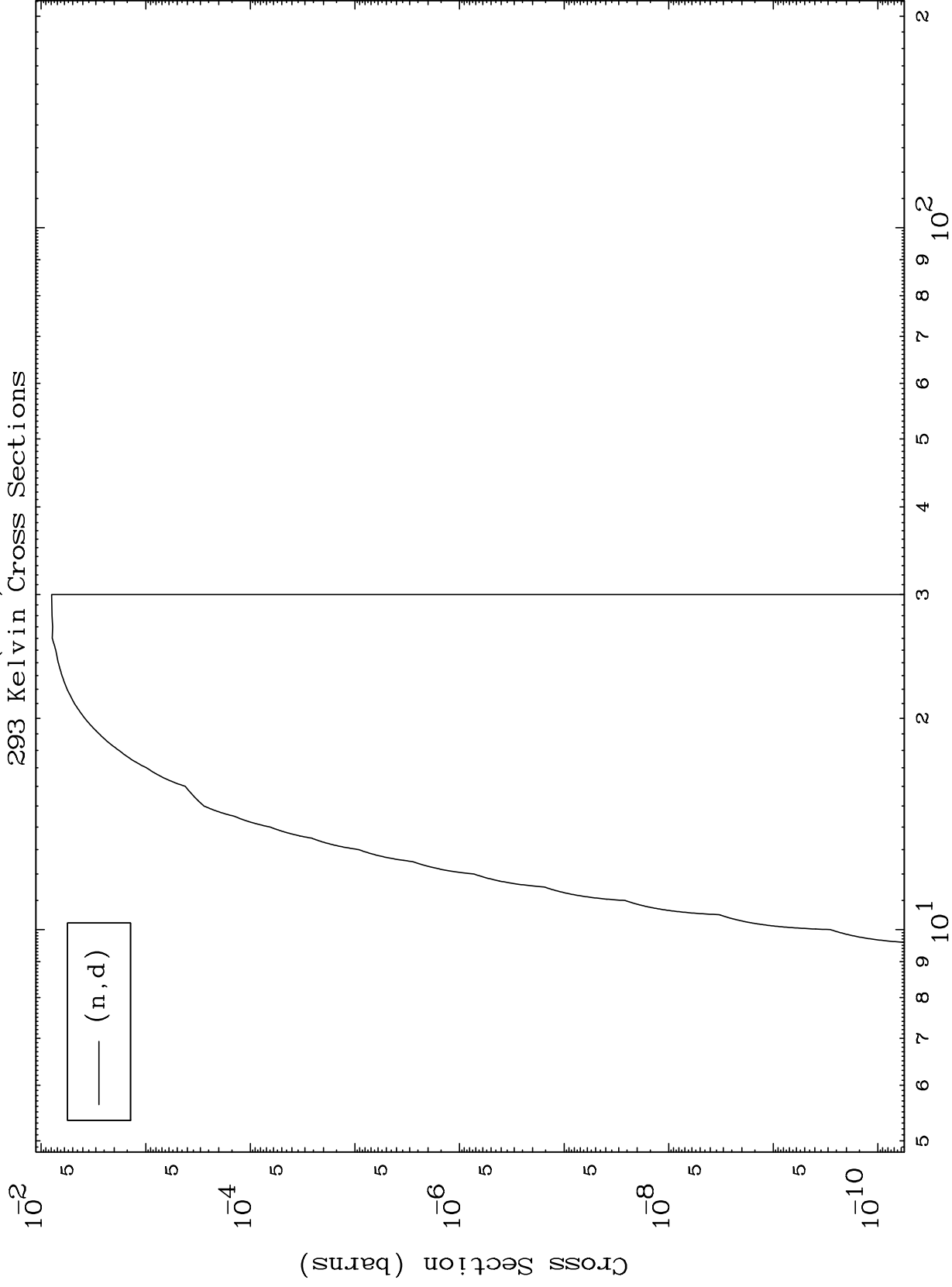
84-Po-217



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(n,d) Levels  
293 Kelvin Cross Sections

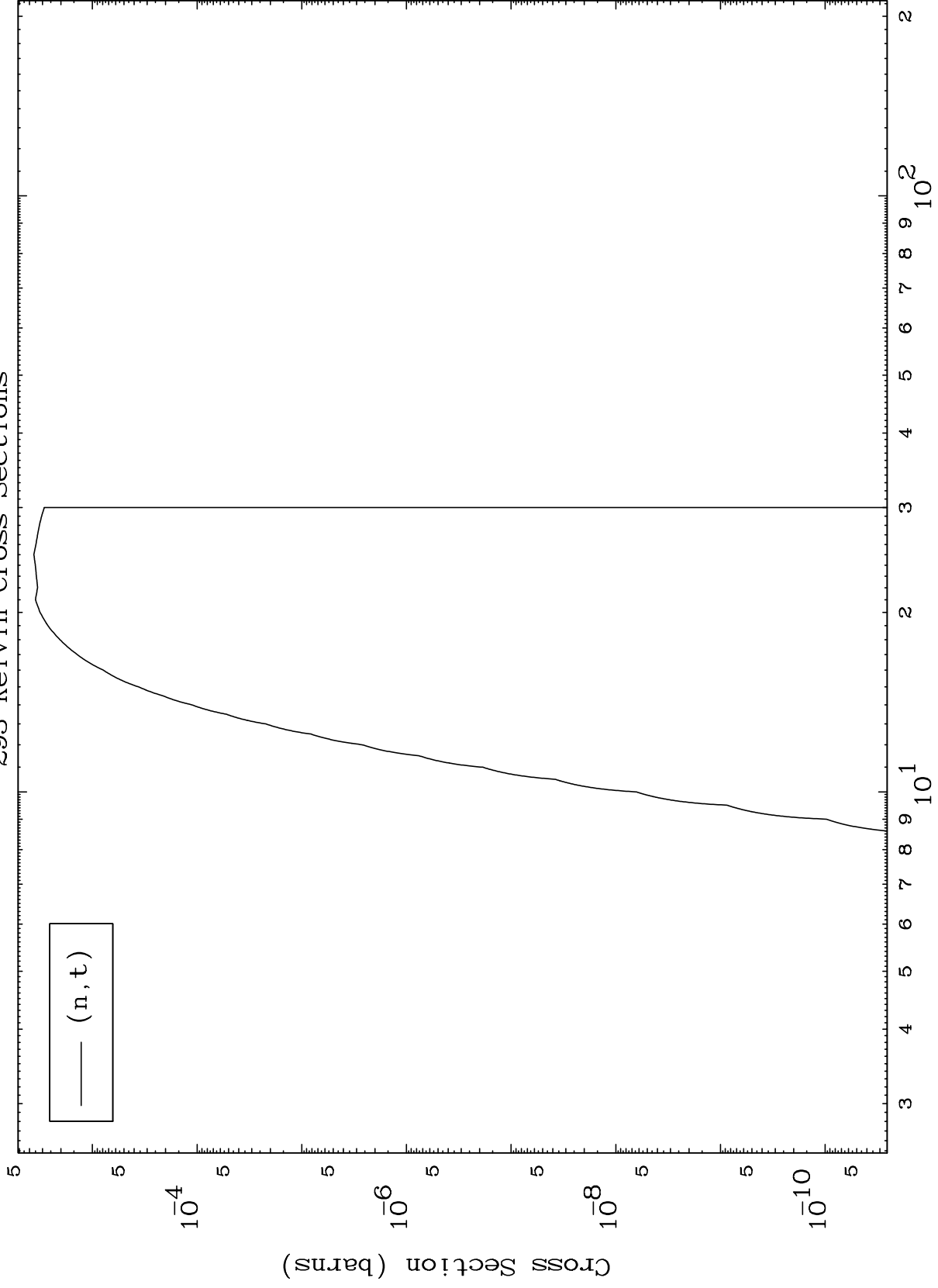
84-Po-217



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(n,t) Levels  
293 Kelvin Cross Sections

84-Po-217



15

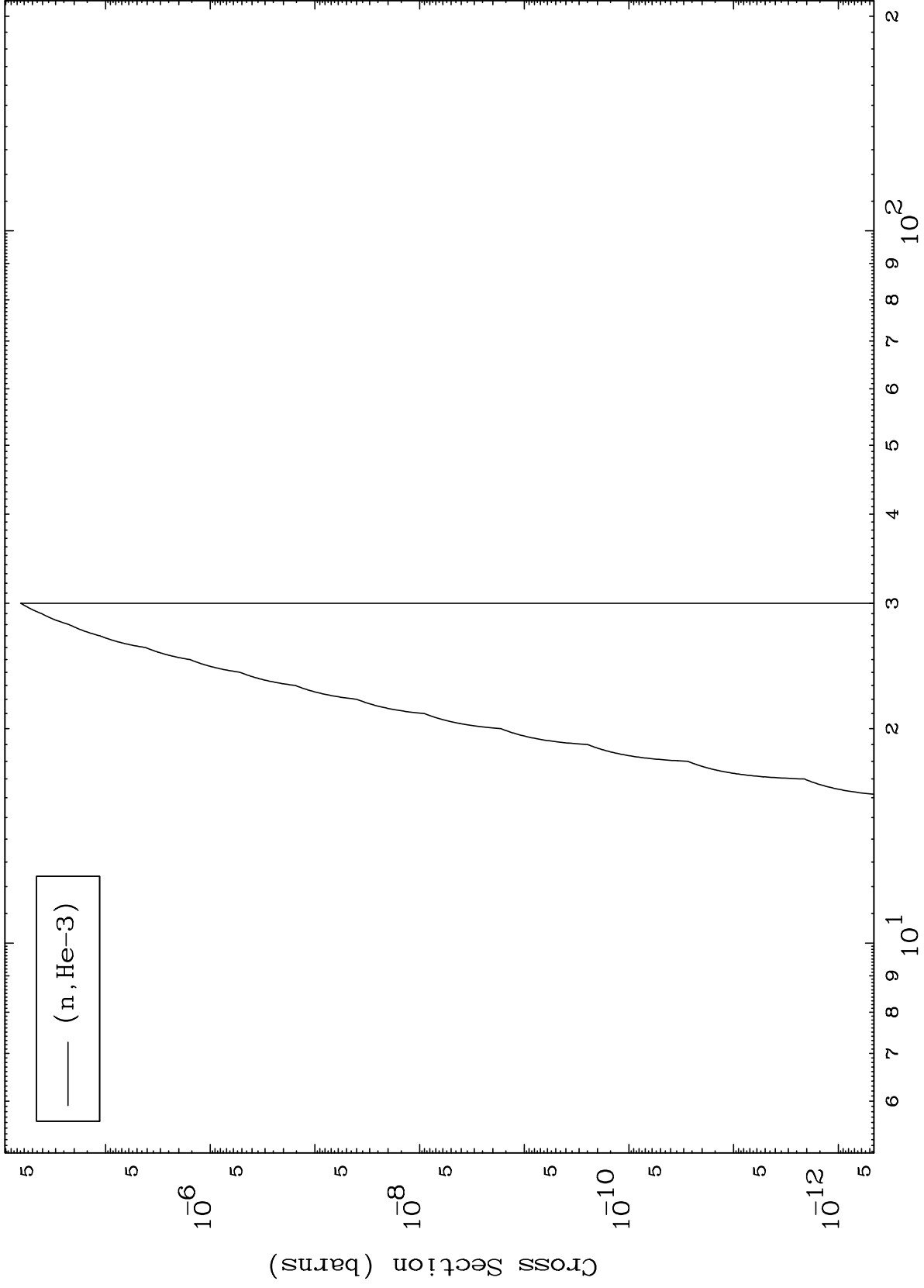
Incident Energy (MeV)

84-Po-217

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(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-217



16

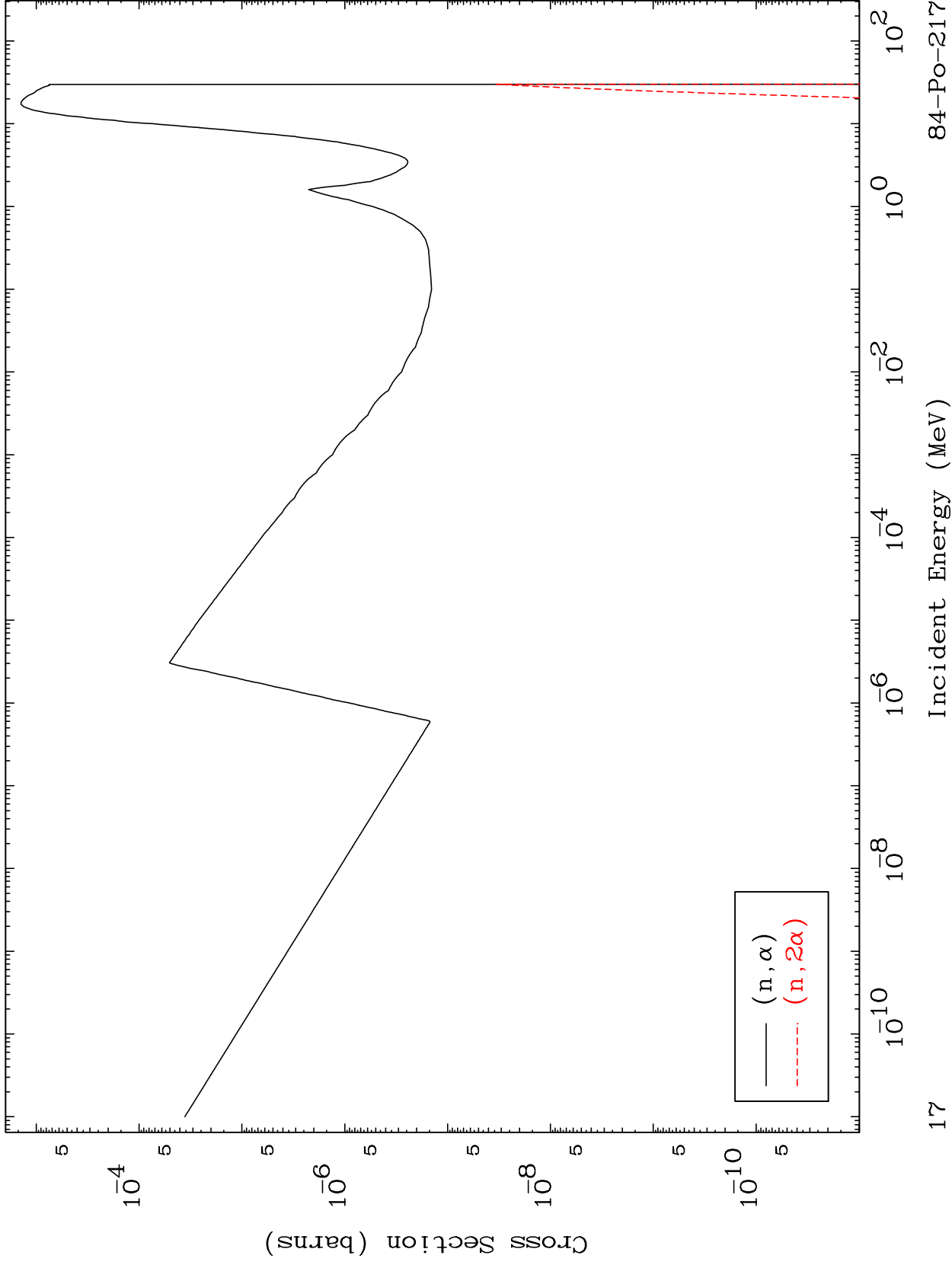
Incident Energy (MeV)

84-Po-217

MAT 8458

(n,α) Levels  
293 Kelvin Cross Sections

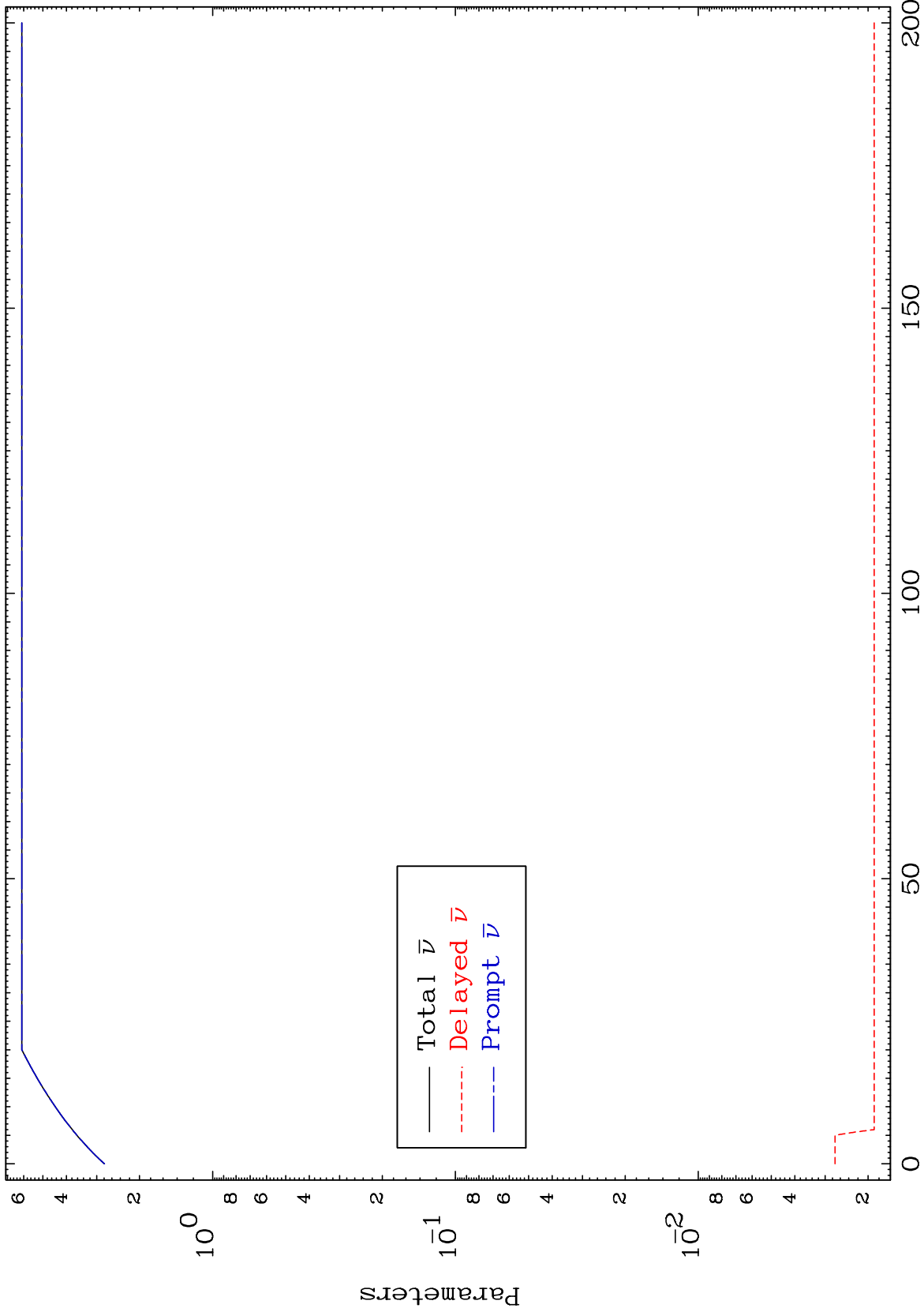
84-Po-217



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Energy Release  
Parameters

84-Po-217



18

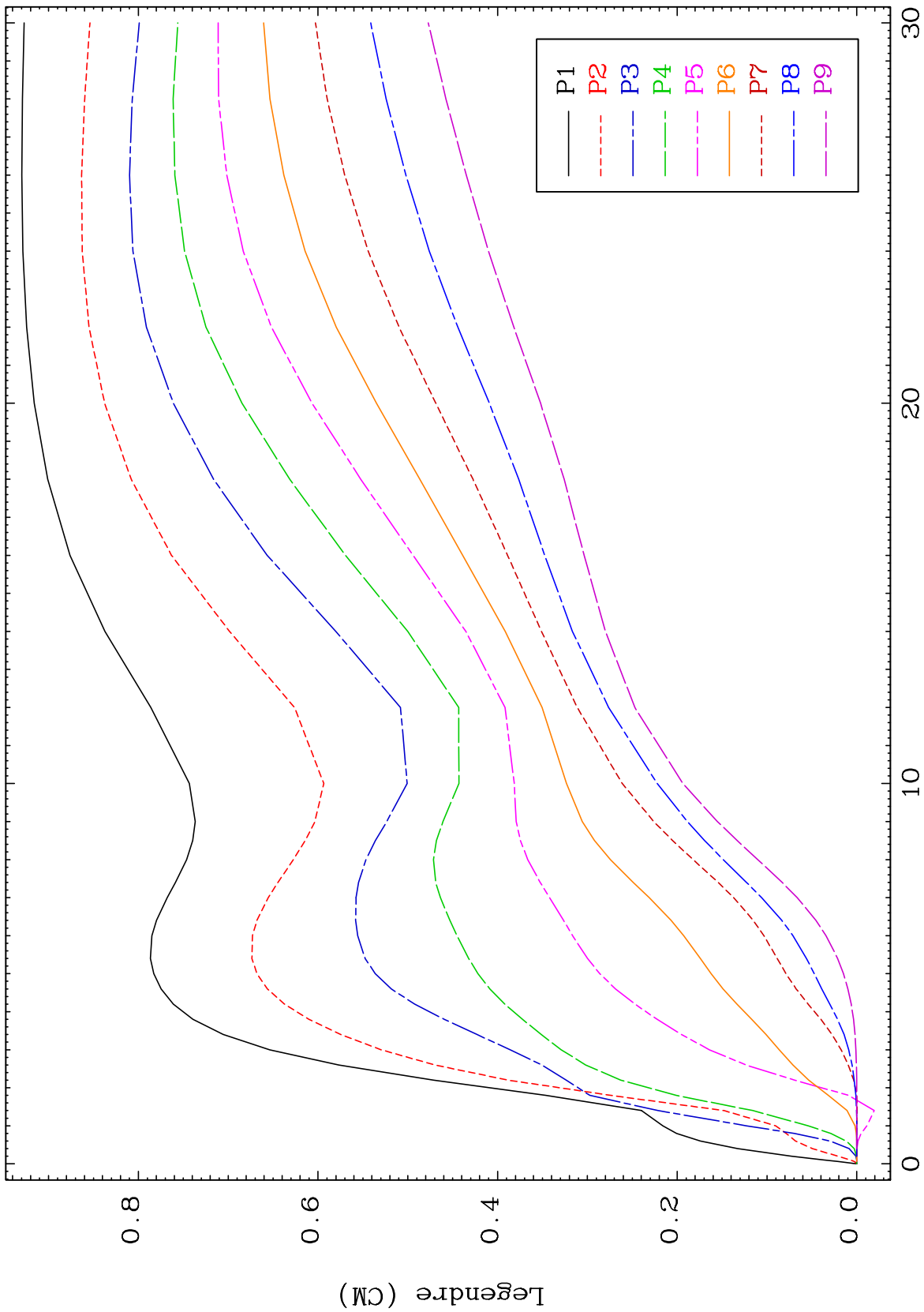
Incident Energy (MeV)

84-Po-217

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84-Po-217

Elastic Legendre Coefficients



84-Po-217

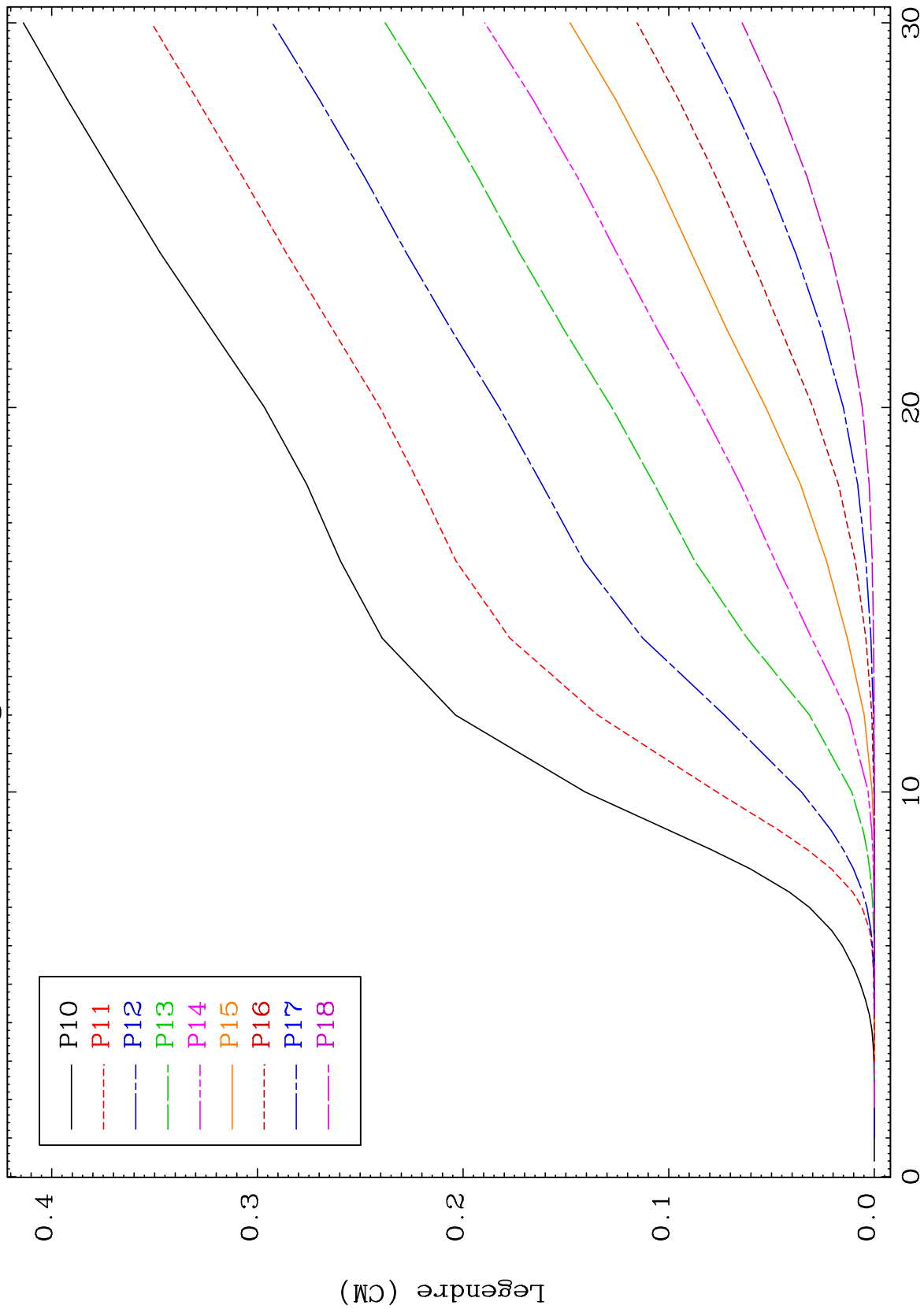
Incident Energy (MeV)

19

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Elastic Legendre Coefficients

84-Po-217



20

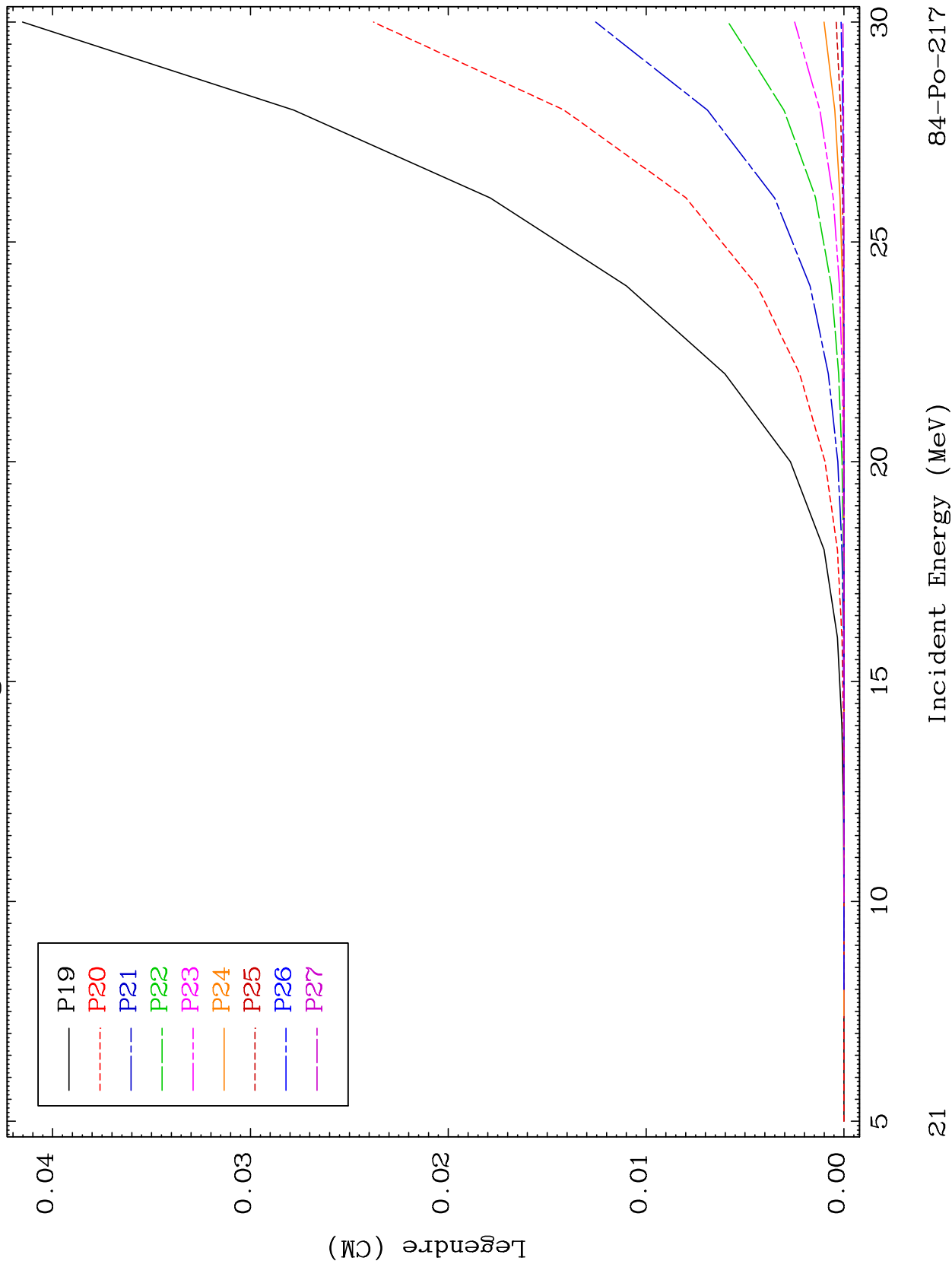
Incident Energy (MeV)

84-Po-217

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### Elastic Legendre Coefficients

84-Po-217



21

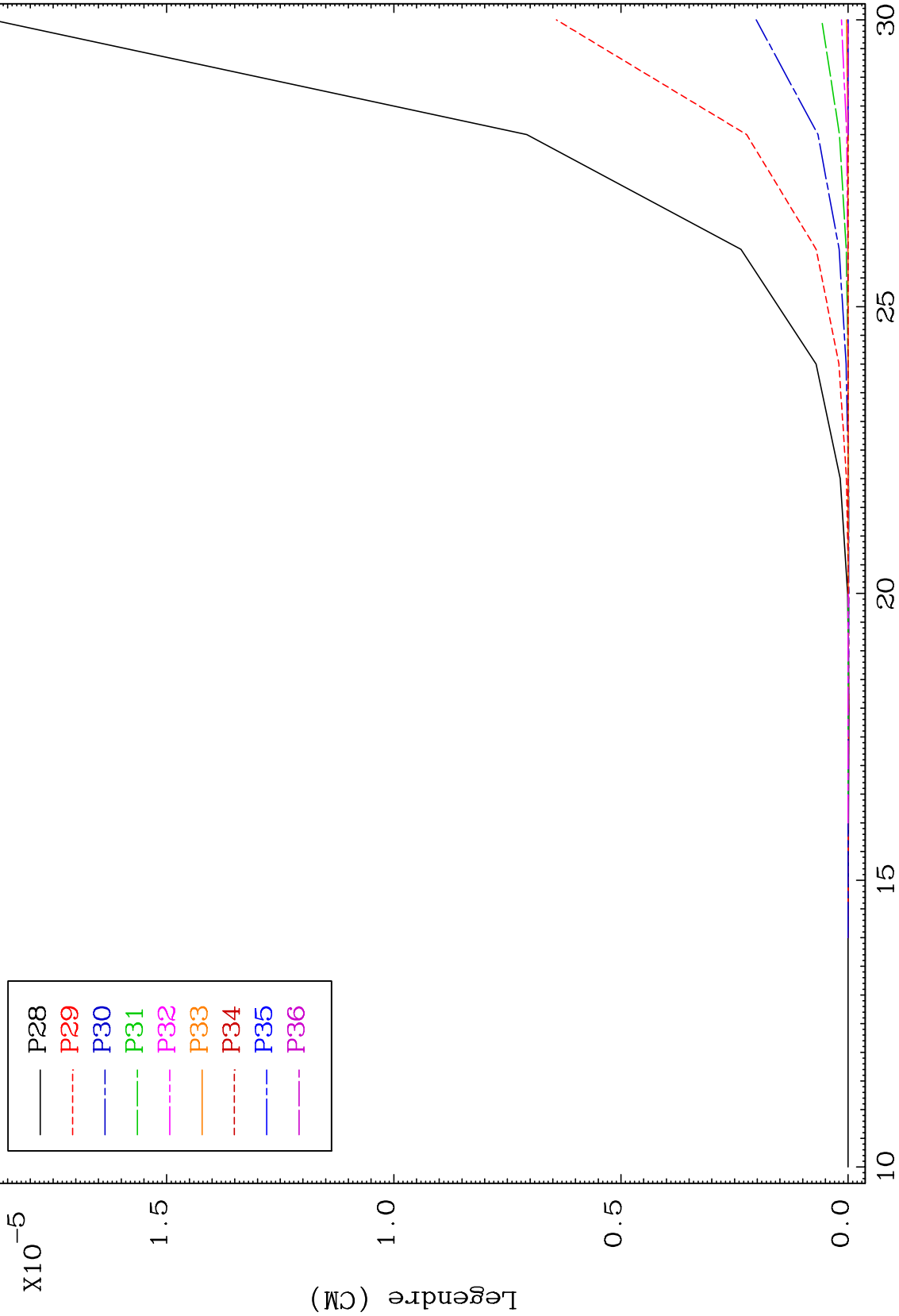
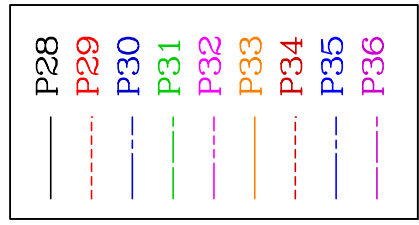
Incident Energy (MeV)

84-Po-217

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Elastic Legendre Coefficients

84-Po-217



22

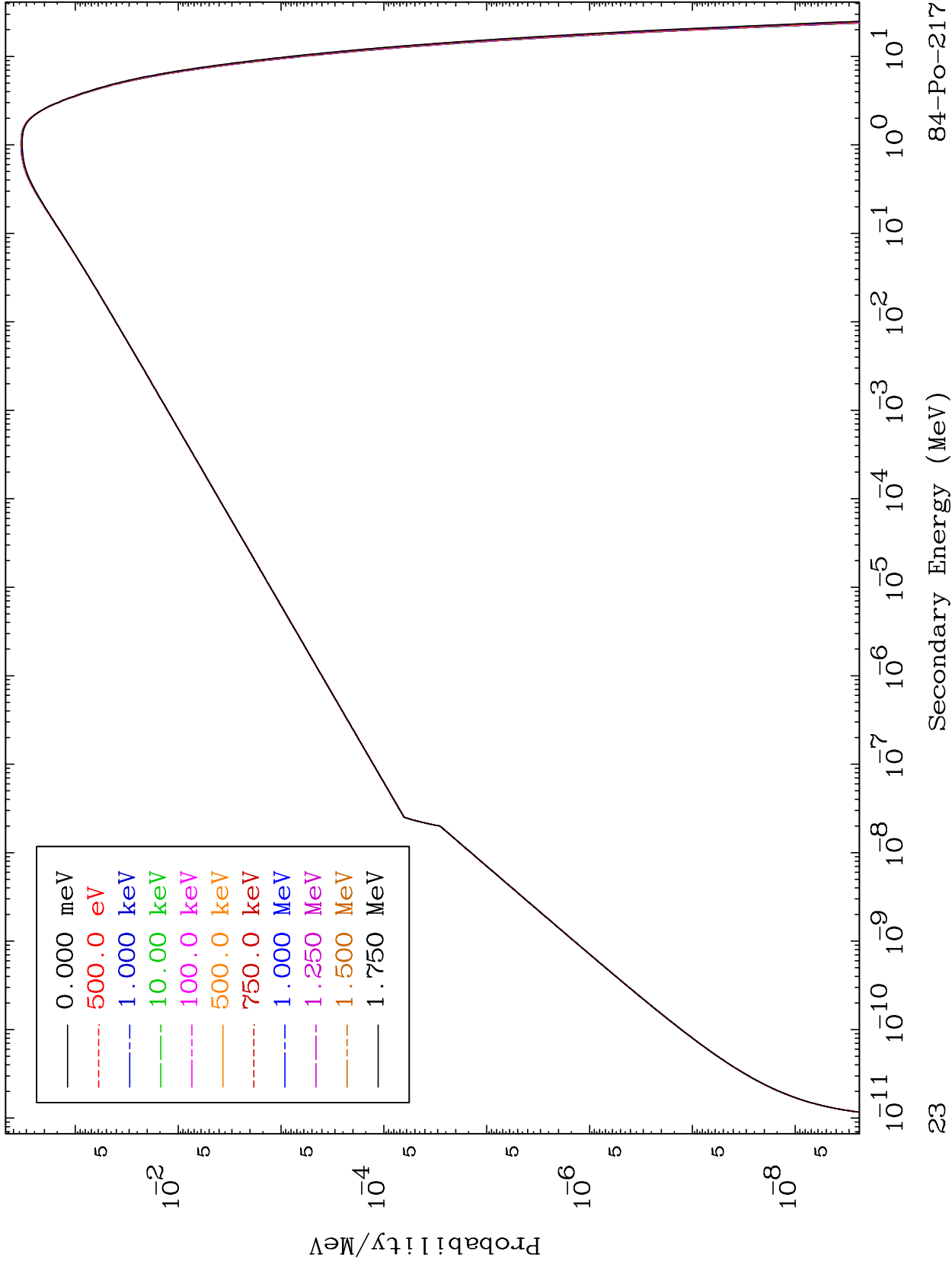
Incident Energy (MeV)

84-Po-217

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### Fission Energy Distributions

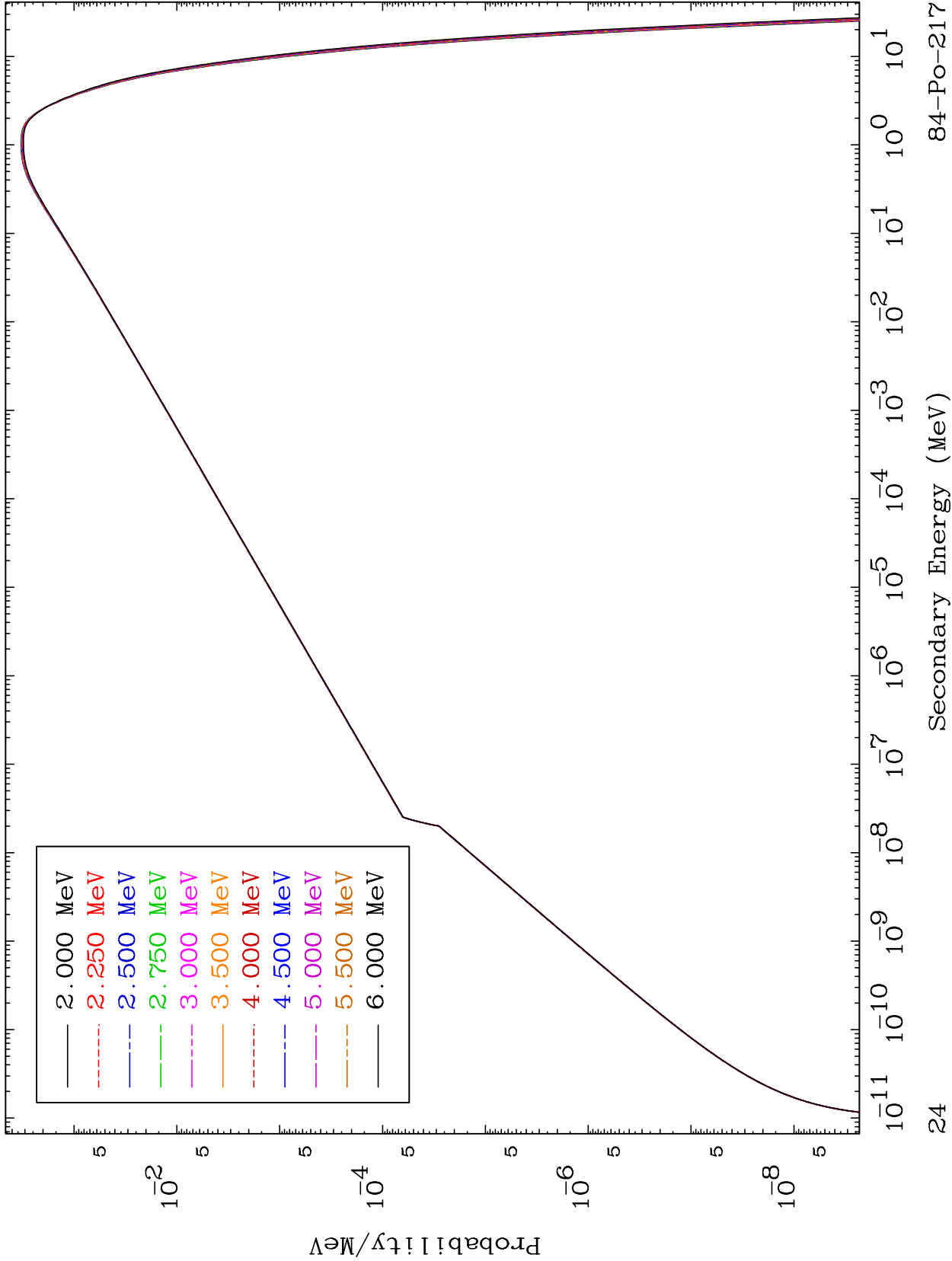
84-Po-217



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### Fission Energy Distributions

84-Po-217



84-Po-217

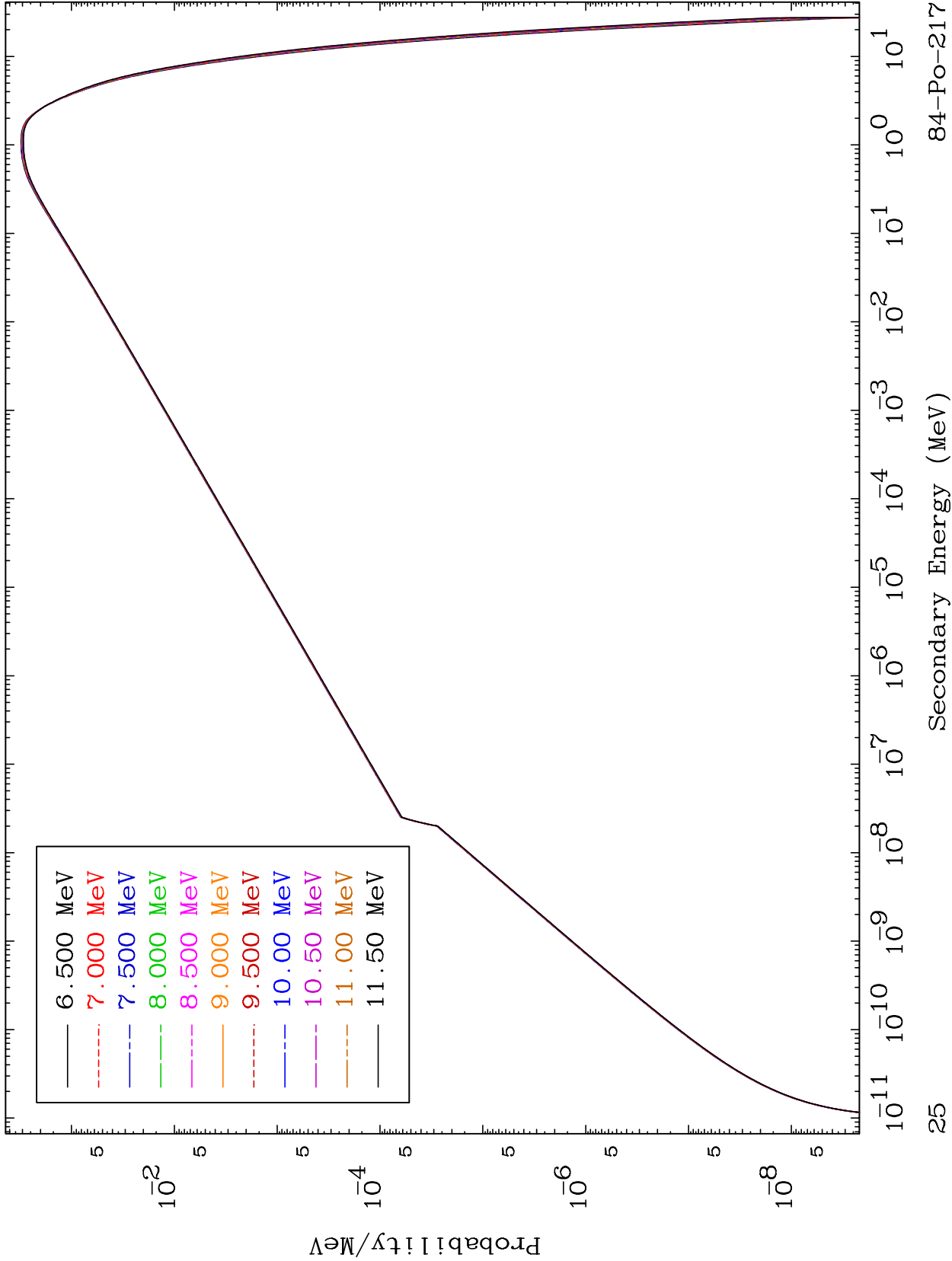
Secondary Energy (MeV)

24

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### Fission Energy Distributions

84-Po-217



84-Po-217

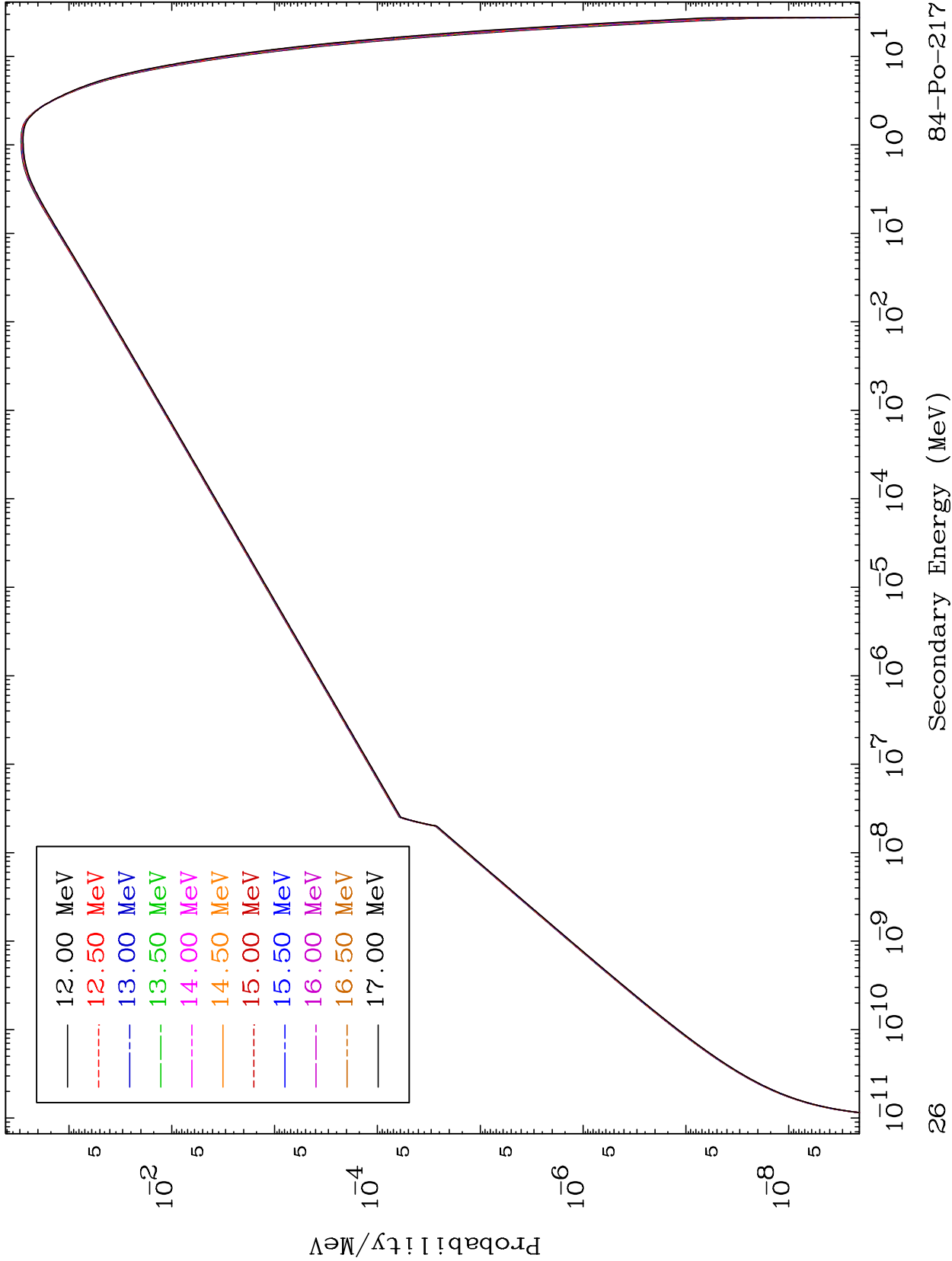
Secondary Energy (MeV)

25

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### Fission Energy Distributions

84-Po-217

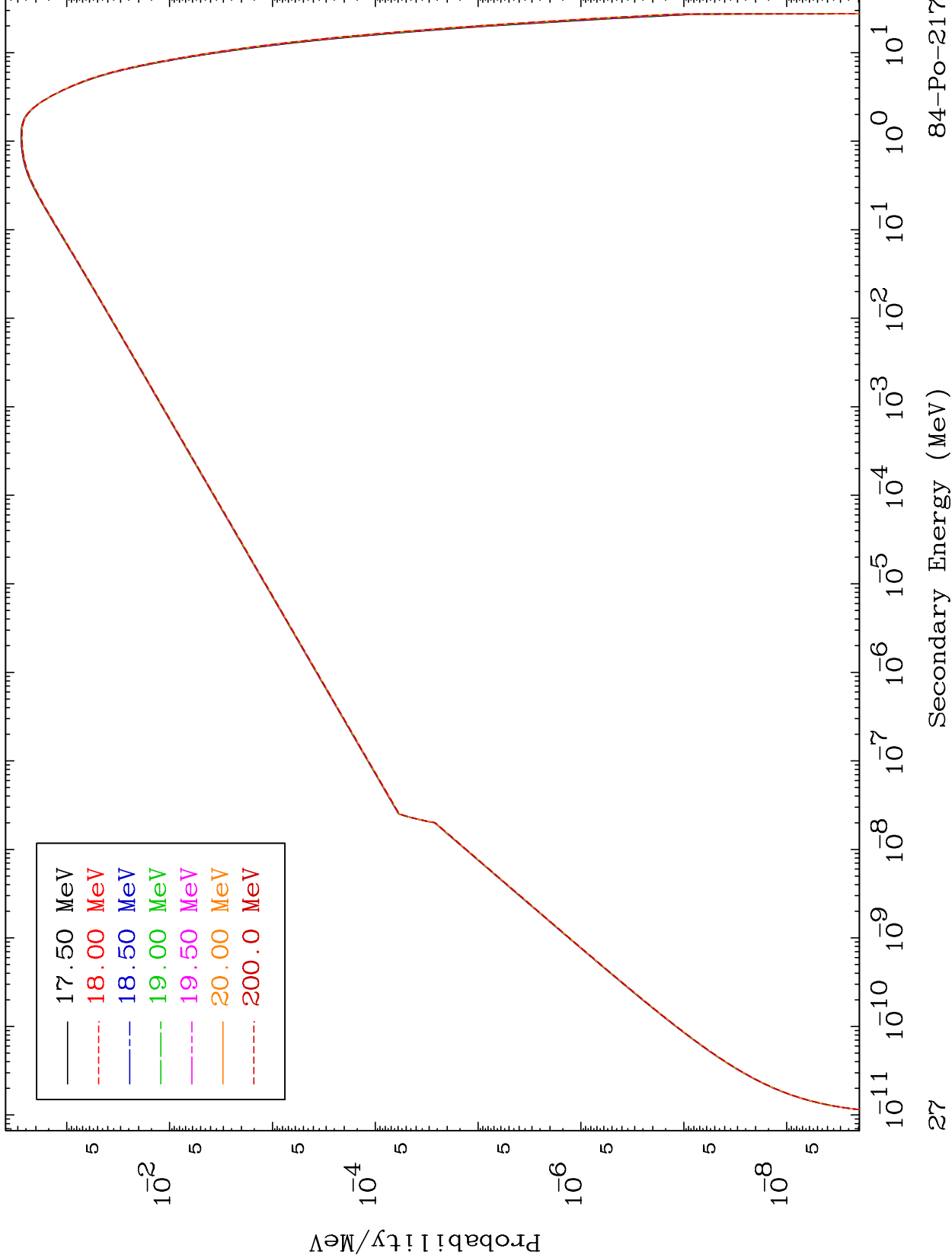


84-Po-217

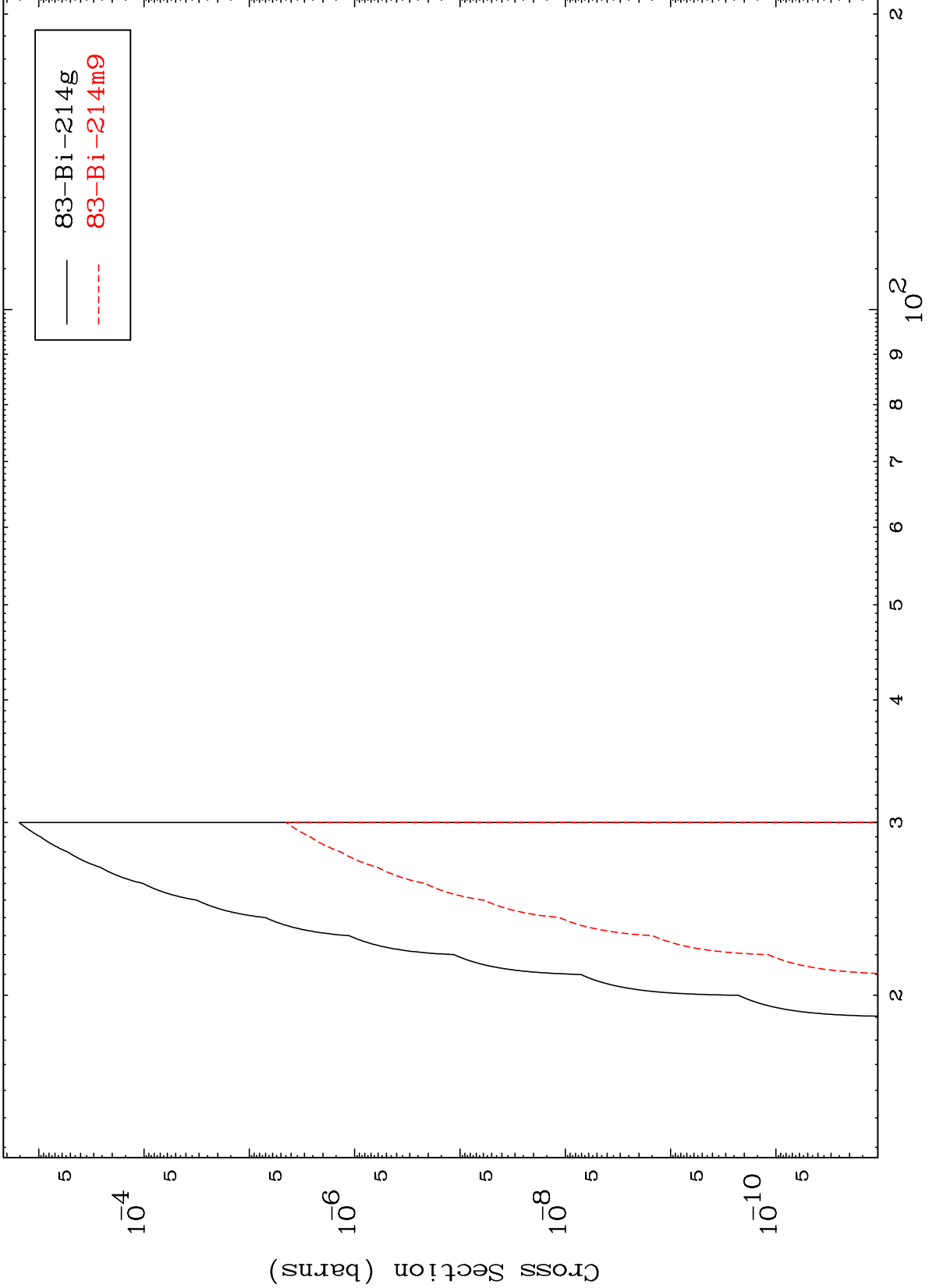
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### Fission Energy Distributions

84-Po-217



Radionuclide Production Cross Section



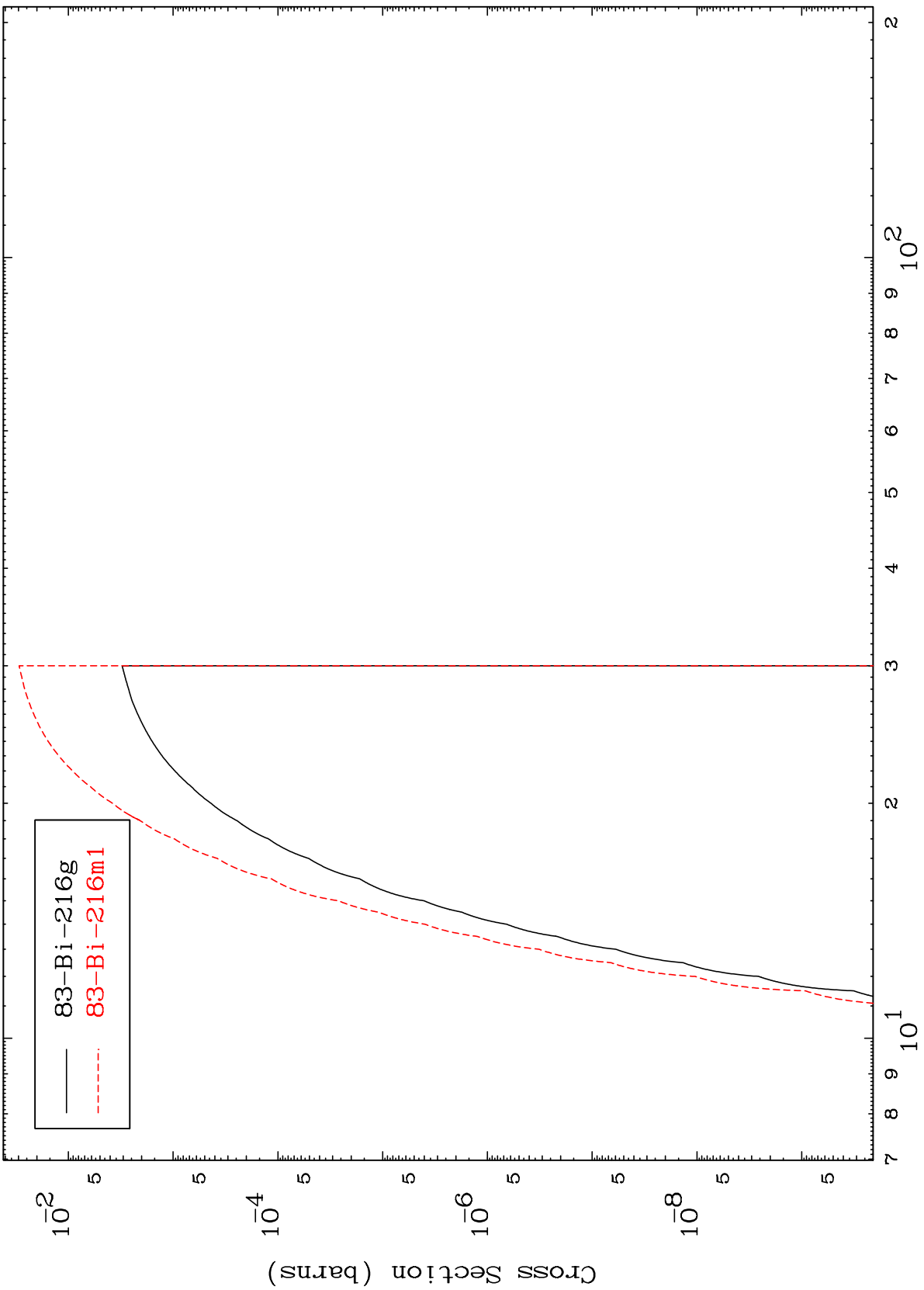
83-Bi-214g  
83-Bi-214m9

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(n,n') p

84-Po-217

Radionuclide Production Cross Section



83-Bi-216g  
83-Bi-216m1

29

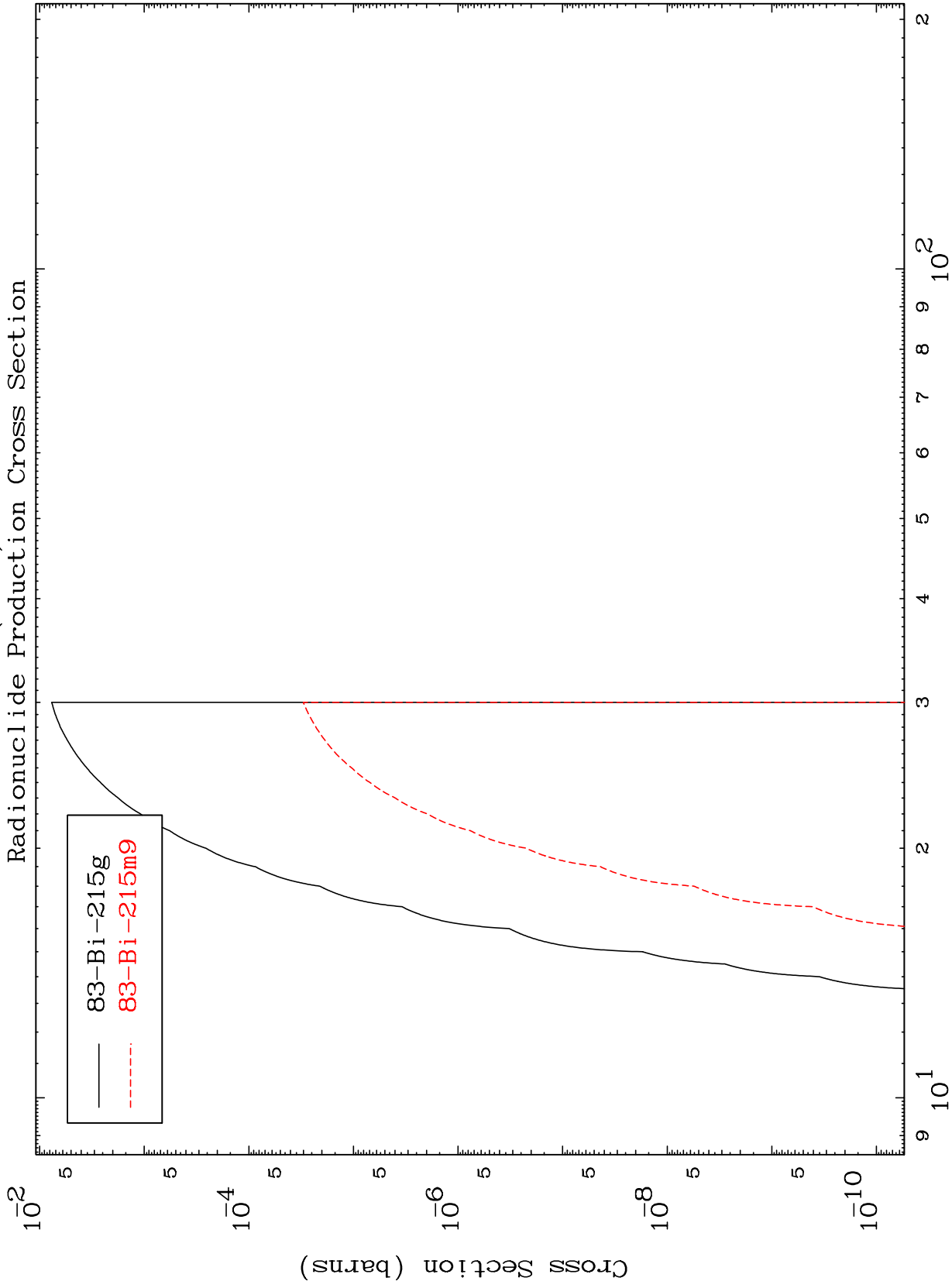
Incident Energy (MeV)

84-Po-217

MAT 8458

(n,n') d

84-Po-217



84-Po-217

84-Po-217

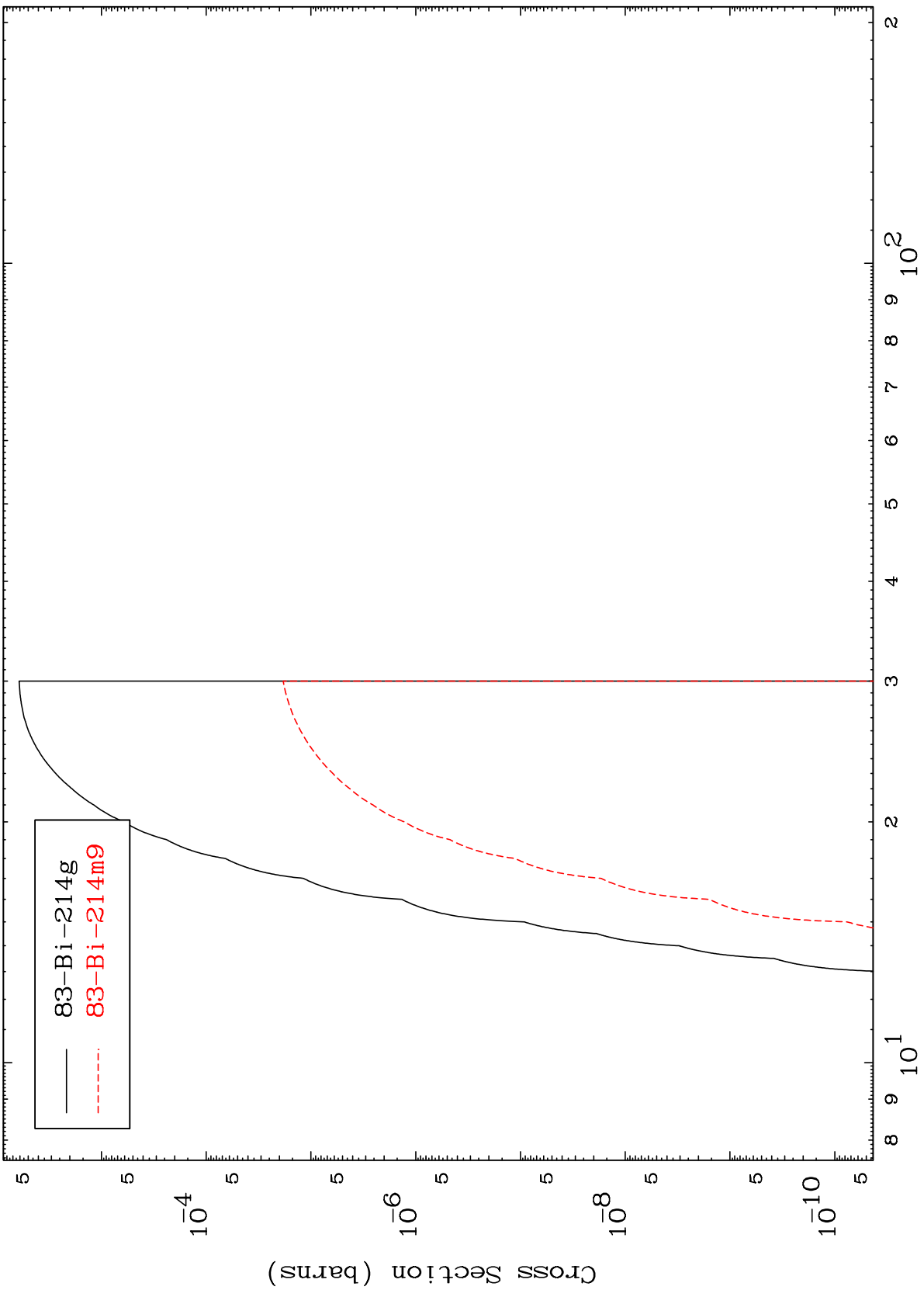
30

MAT 8458

(n,n') t

84-Po-217

Radionuclide Production Cross Section



31

Incident Energy (MeV)

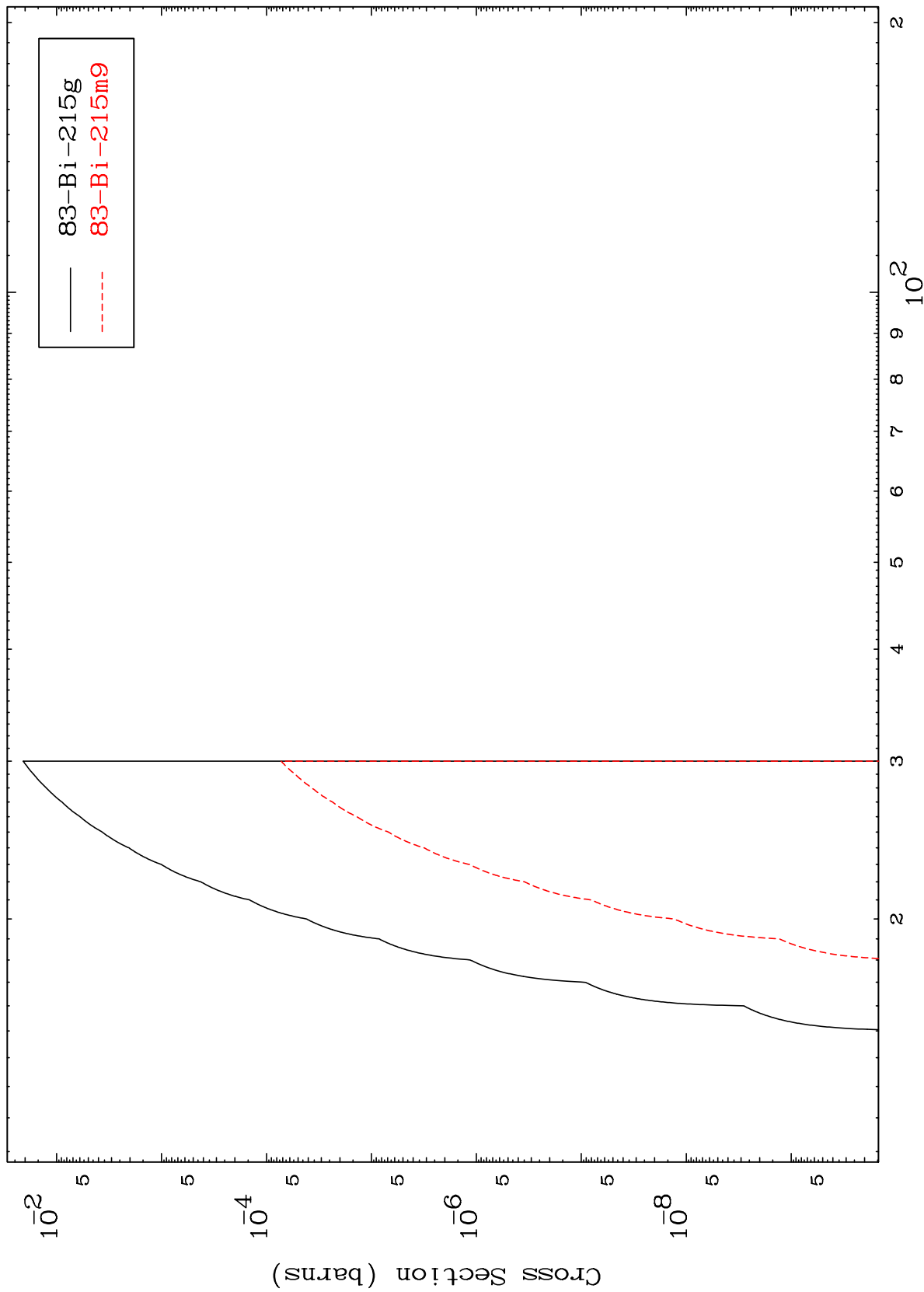
84-Po-217

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84-Po-217

(n,2n) p

Radionuclide Production Cross Section



32

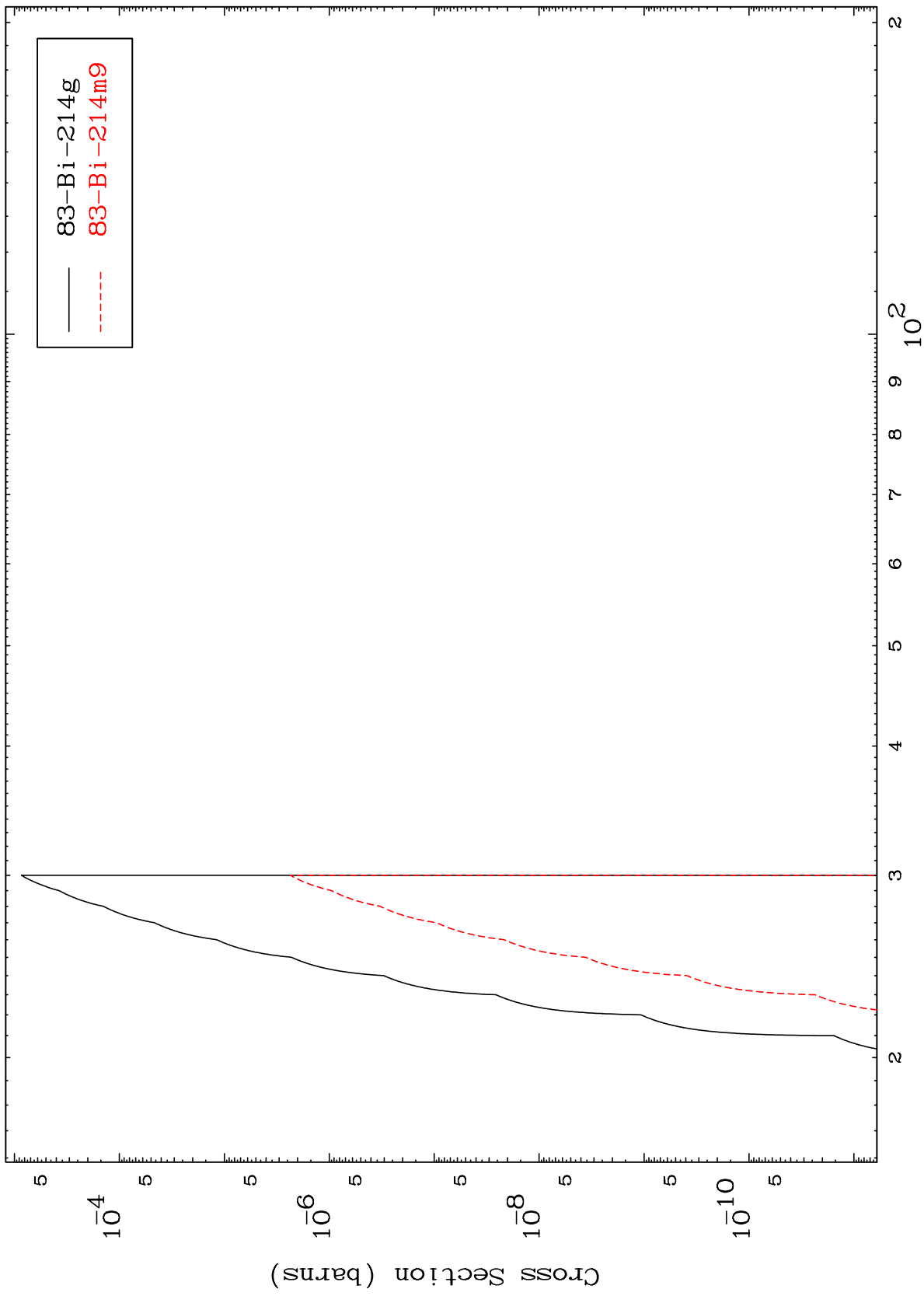
Incident Energy (MeV)

84-Po-217

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84-Po-217

(n,3n) p  
Radionuclide Production Cross Section



84-Po-217

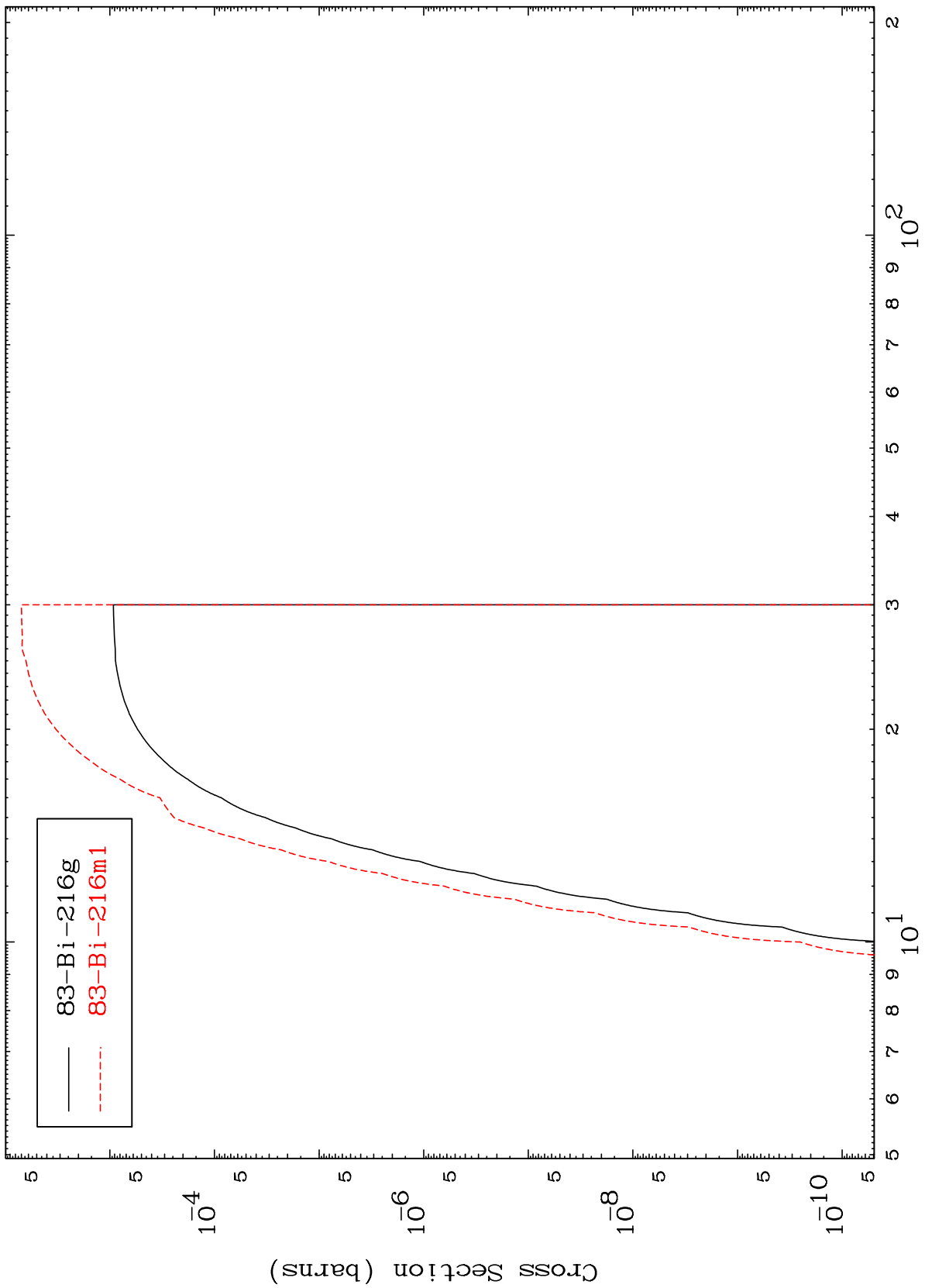
Incident Energy (MeV)

33

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84-Po-217

(n,d)  
Radionuclide Production Cross Section



83-Bi-216g  
83-Bi-216m1

84-Po-217

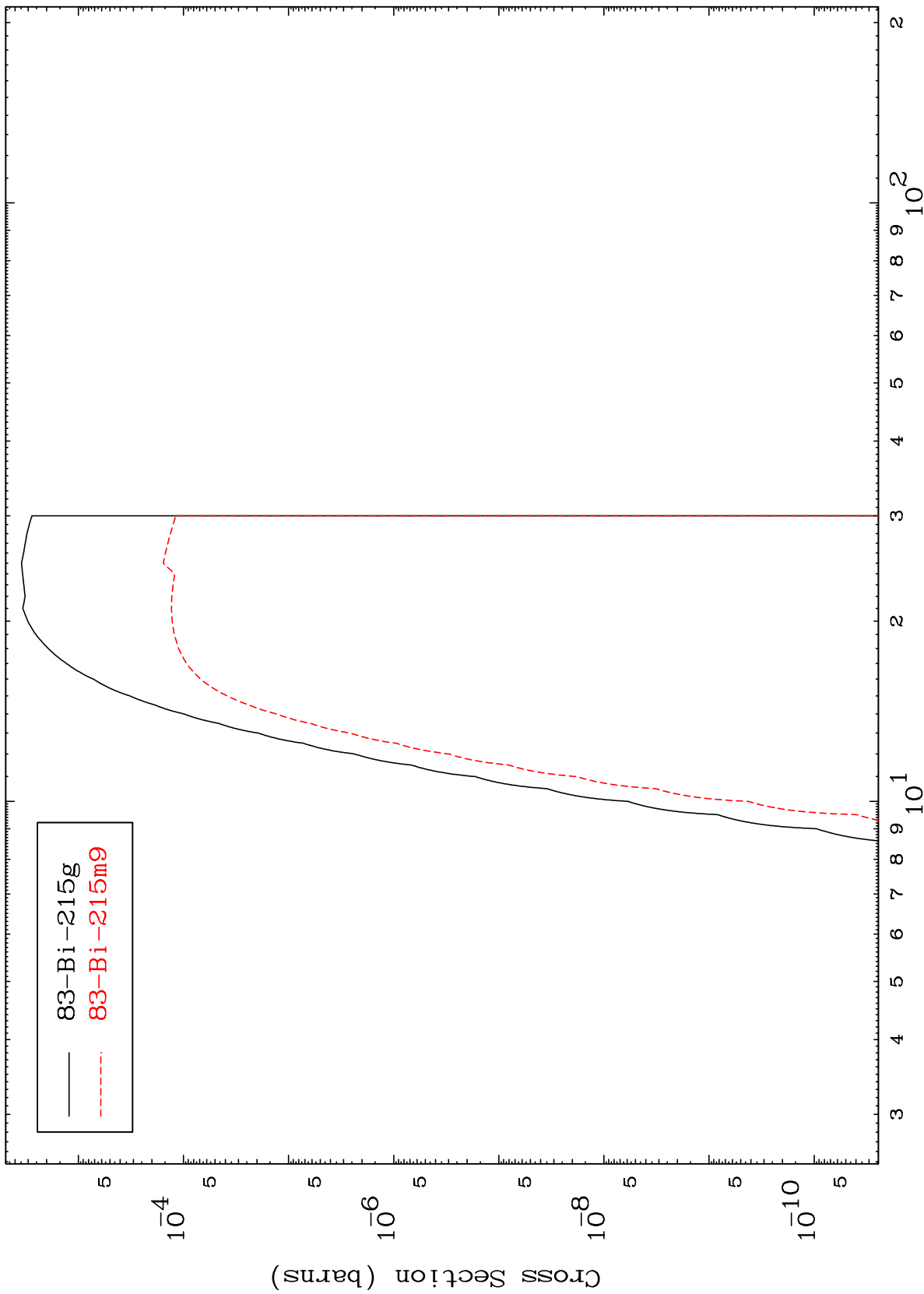
Incident Energy (MeV)

34

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84-Po-217

(n, t)  
Radionuclide Production Cross Section



35

84-Po-217

Incident Energy (MeV)