

Program EVALPLOT  
(Version 2018-1)

by

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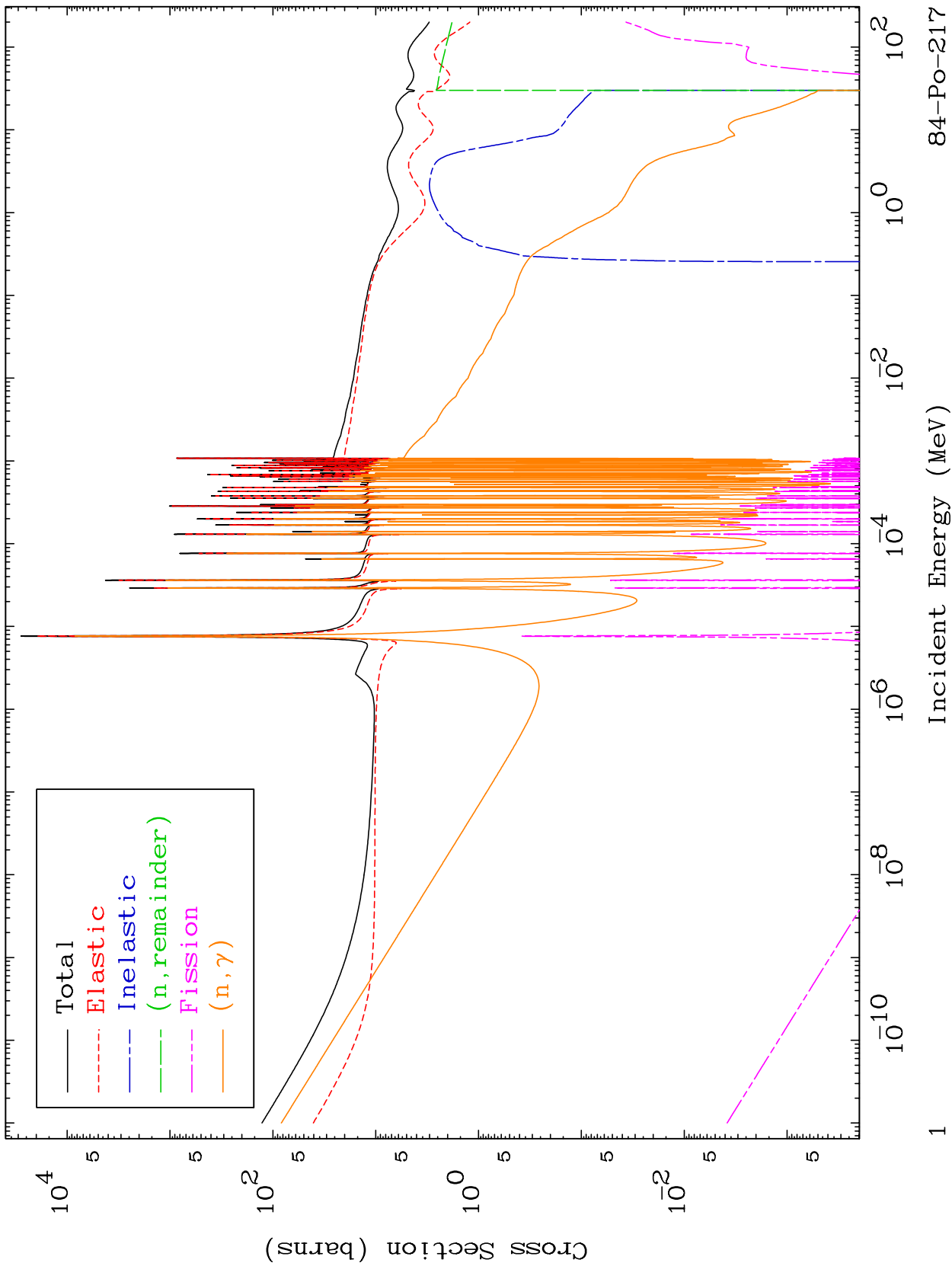
Press Mouse Button to Start

MAT 8458

Major

84-Po-217

293 Kelvin Cross Sections

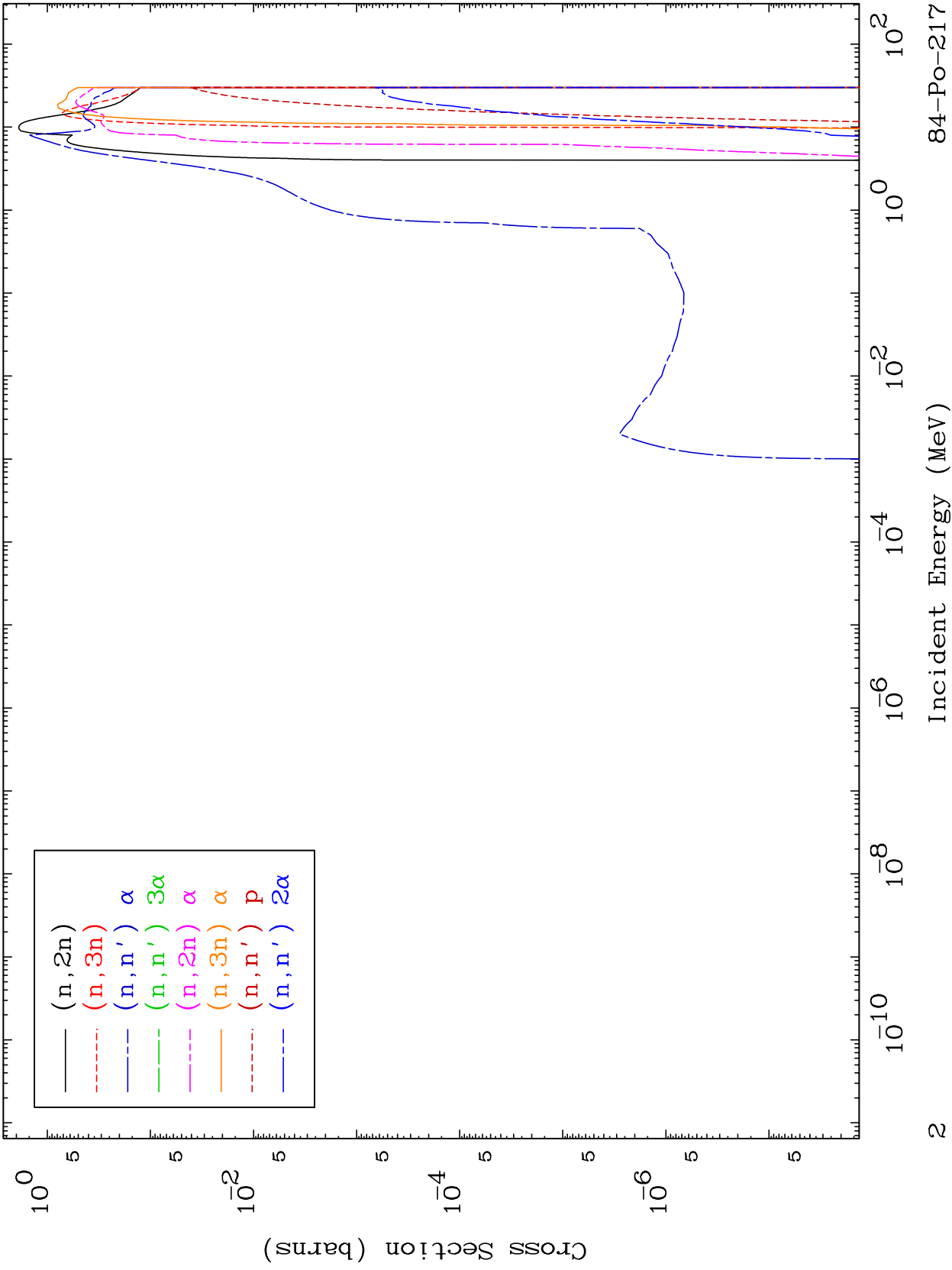


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MAT 8458

Neutron Production  
293 Kelvin Cross Sections

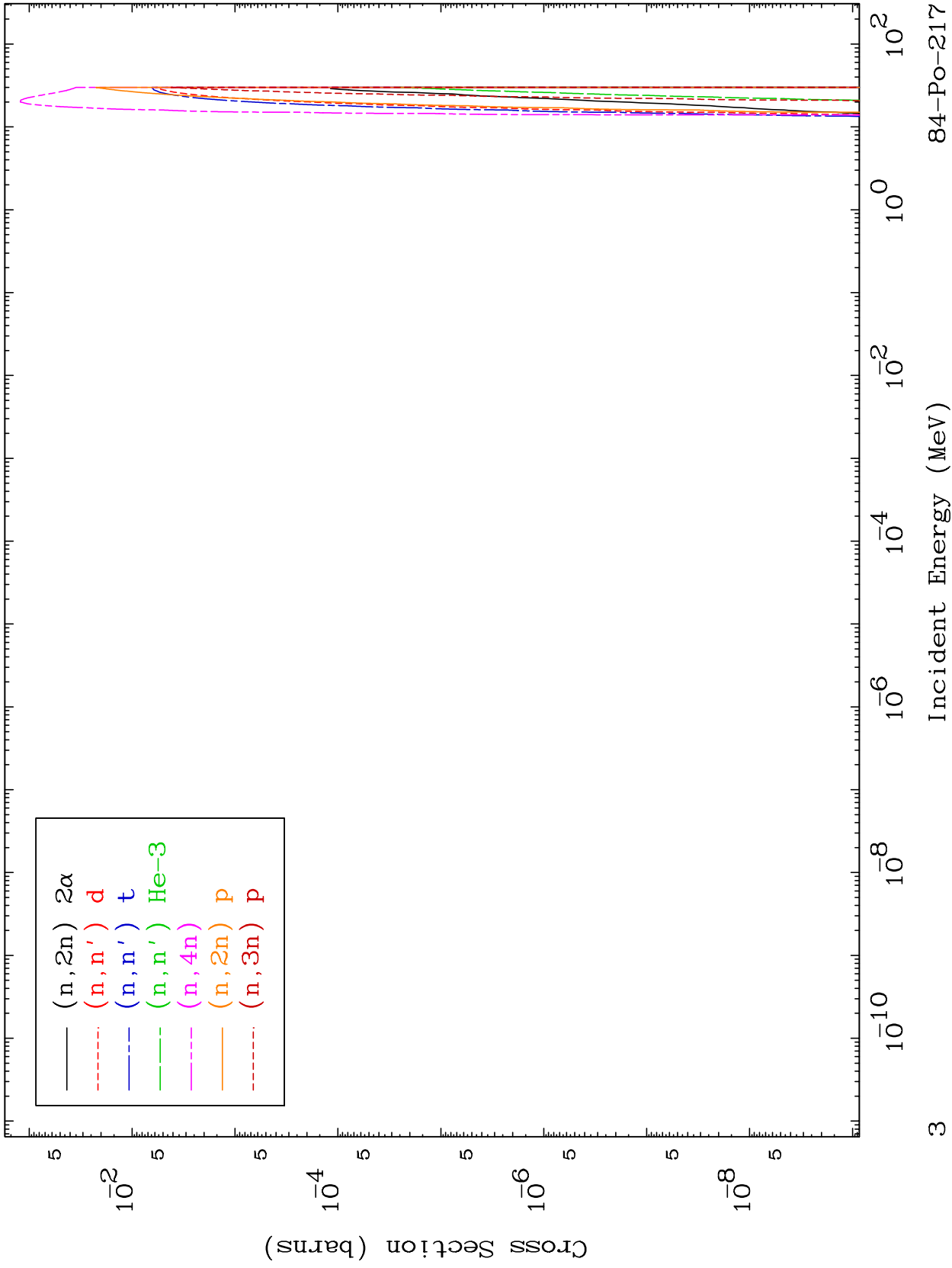
84-Po-217



MAT 8458

Neutron Production  
293 Kelvin Cross Sections

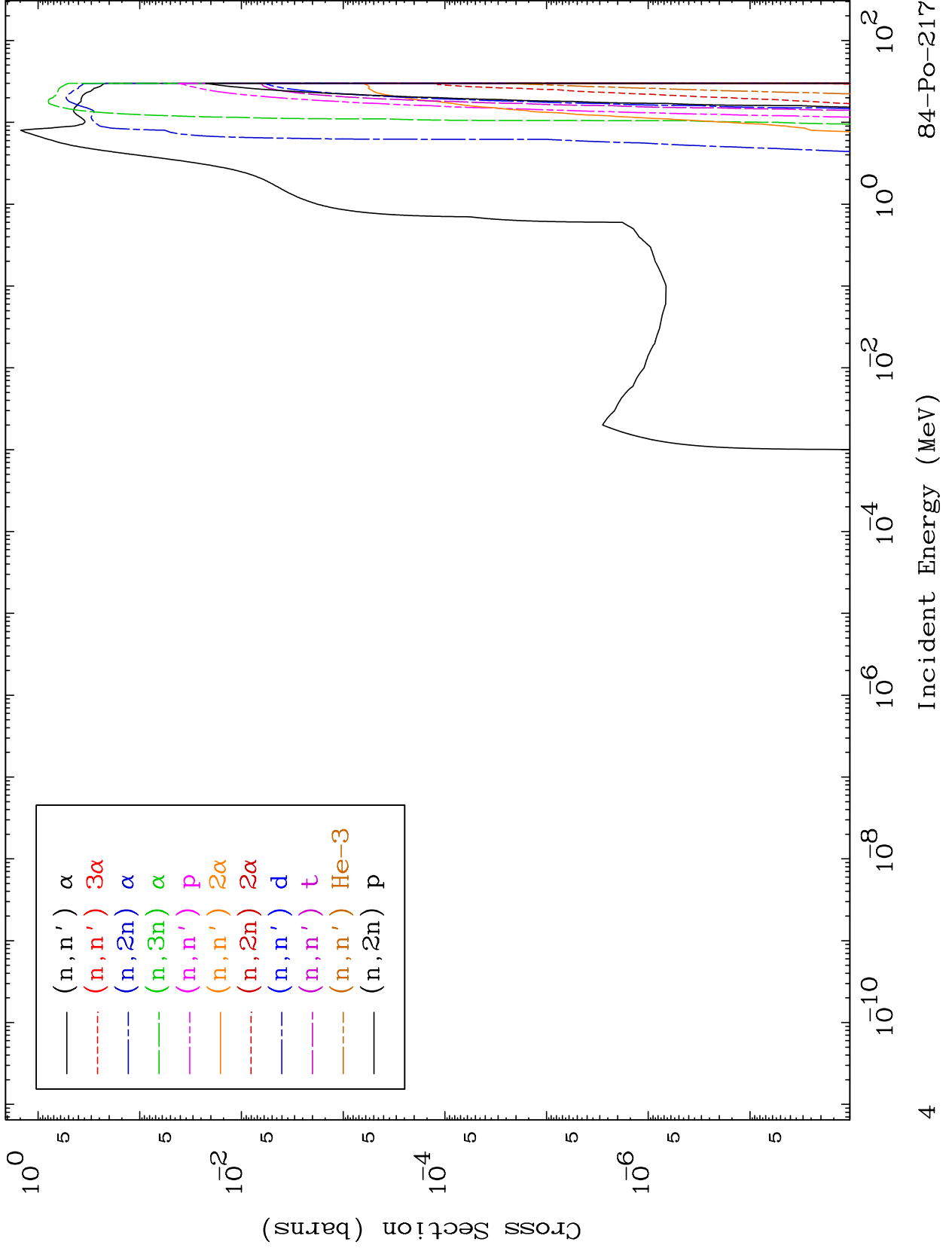
84-Po-217



MAT 8458

Charged Particle  
293 Kelvin Cross Sections

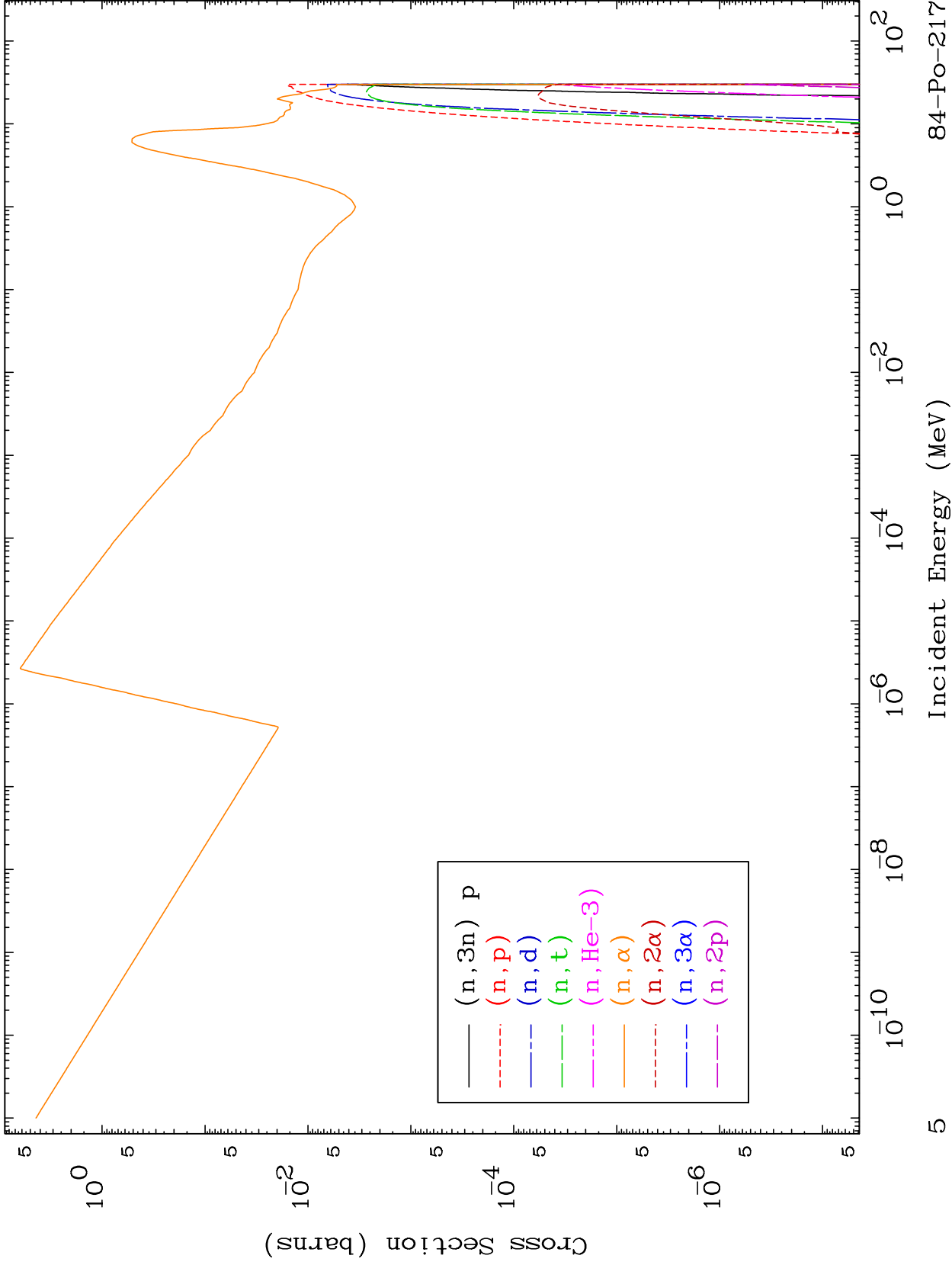
84-Po-217



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Charged Particle  
293 Kelvin Cross Sections

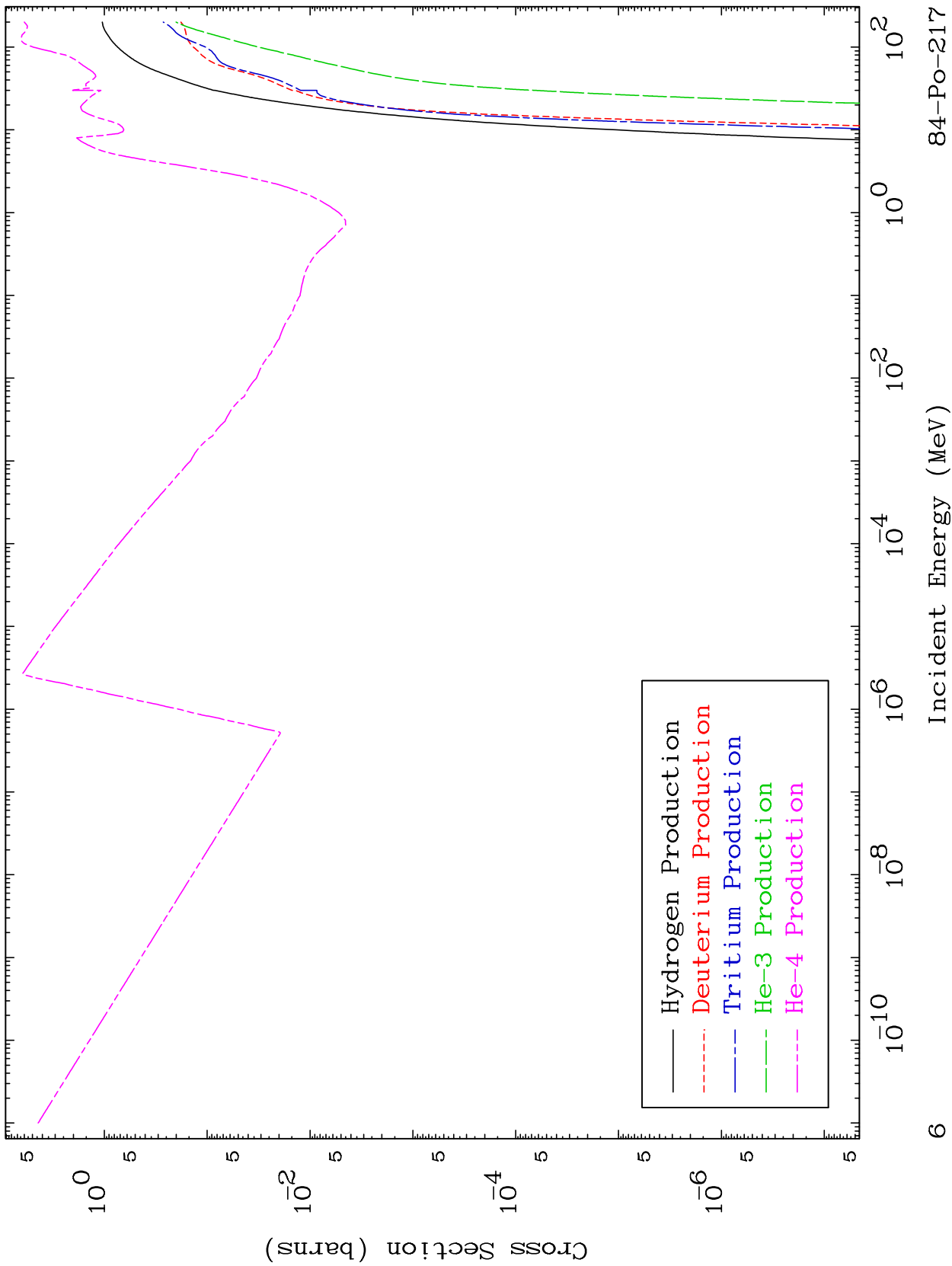
84-Po-217



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Particle Production  
293 Kelvin Cross Sections

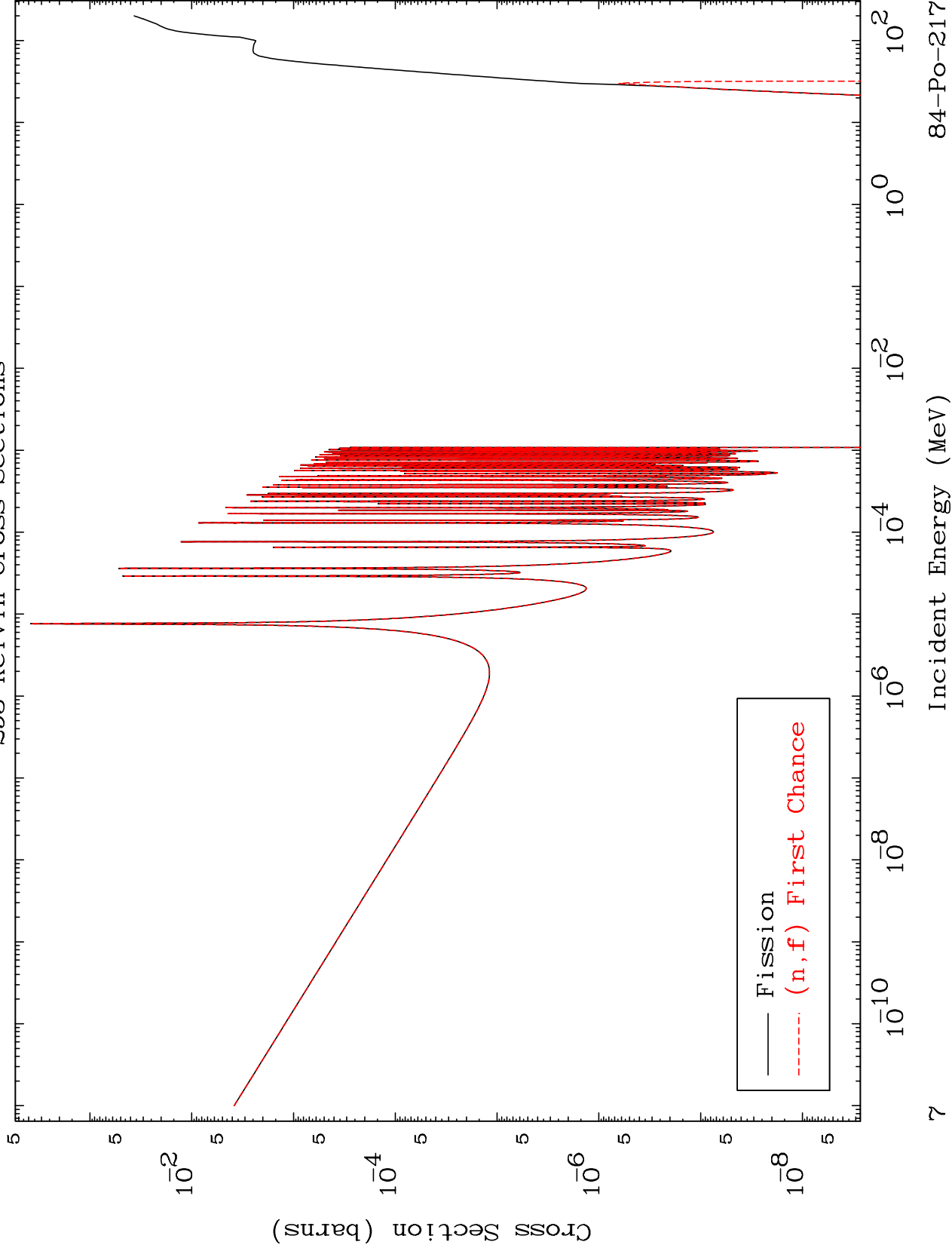
84-Po-217



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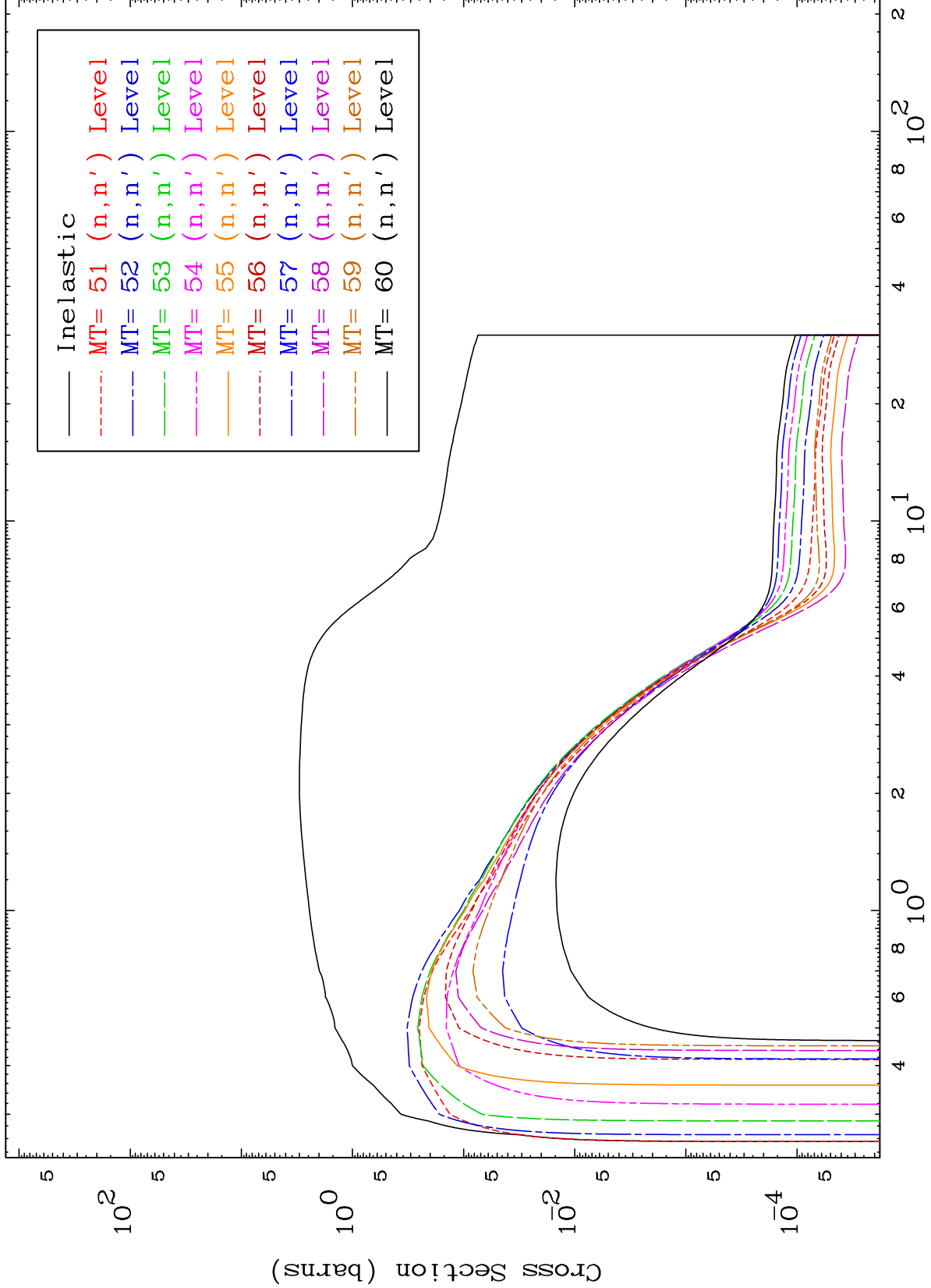
Fission  
293 Kelvin Cross Sections

84-Po-217





293 Kelvin Cross Sections

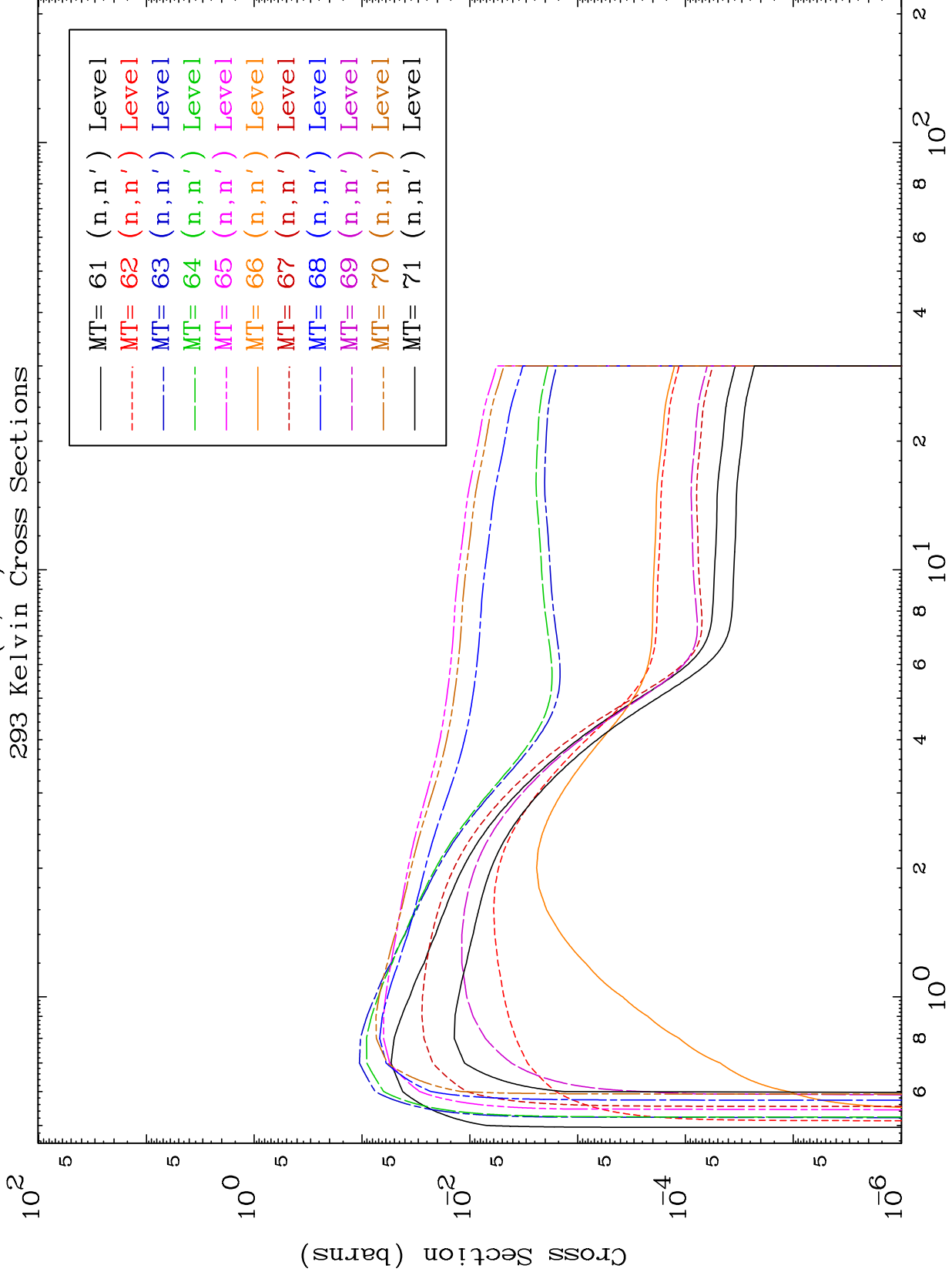


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(n,n') Level

293 Kelvin Cross Sections

84-Po-217



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Incident Energy (MeV)

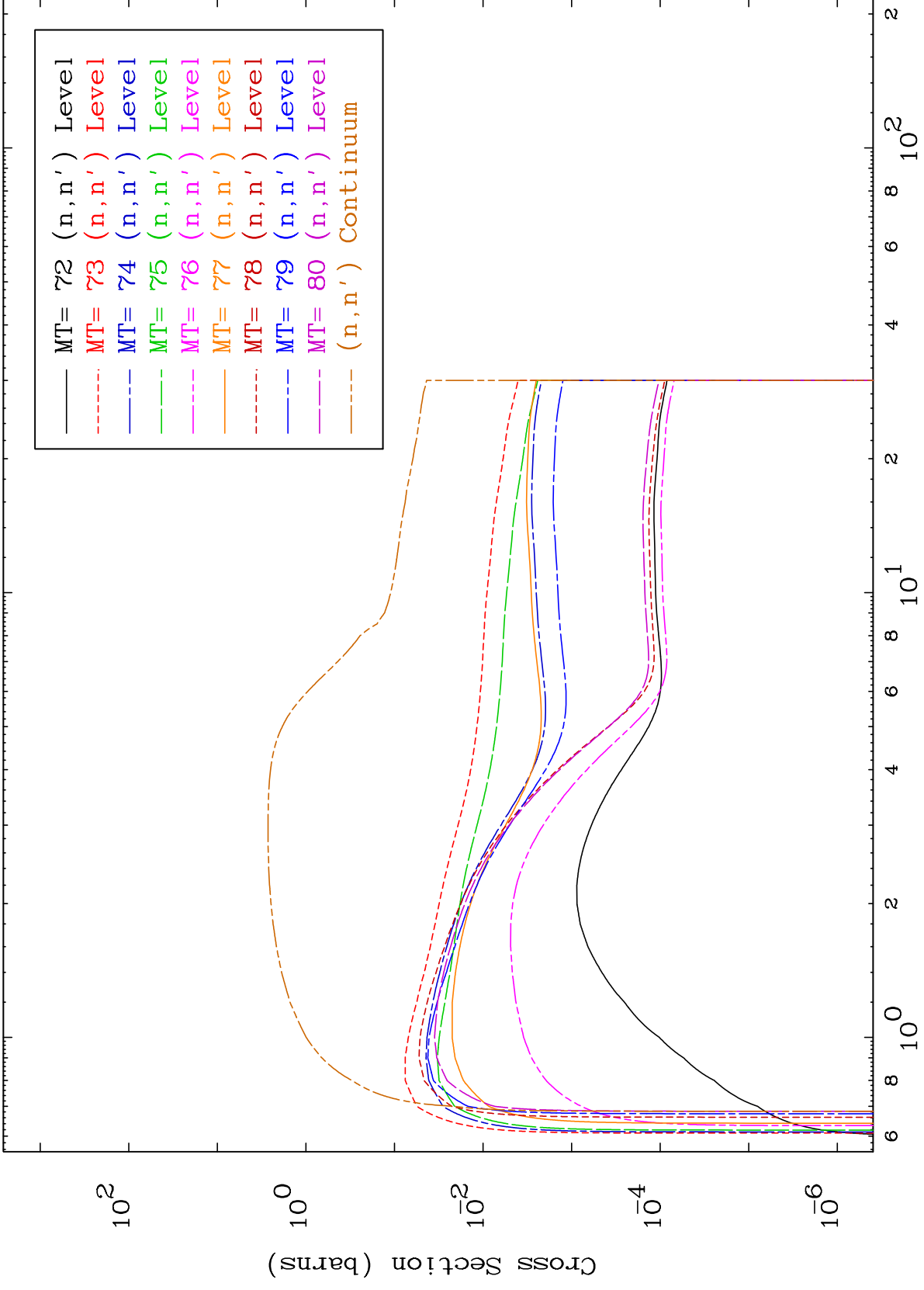
84-Po-217

MAT 8458

(n,n') Level

84-Po-217

293 Kelvin Cross Sections



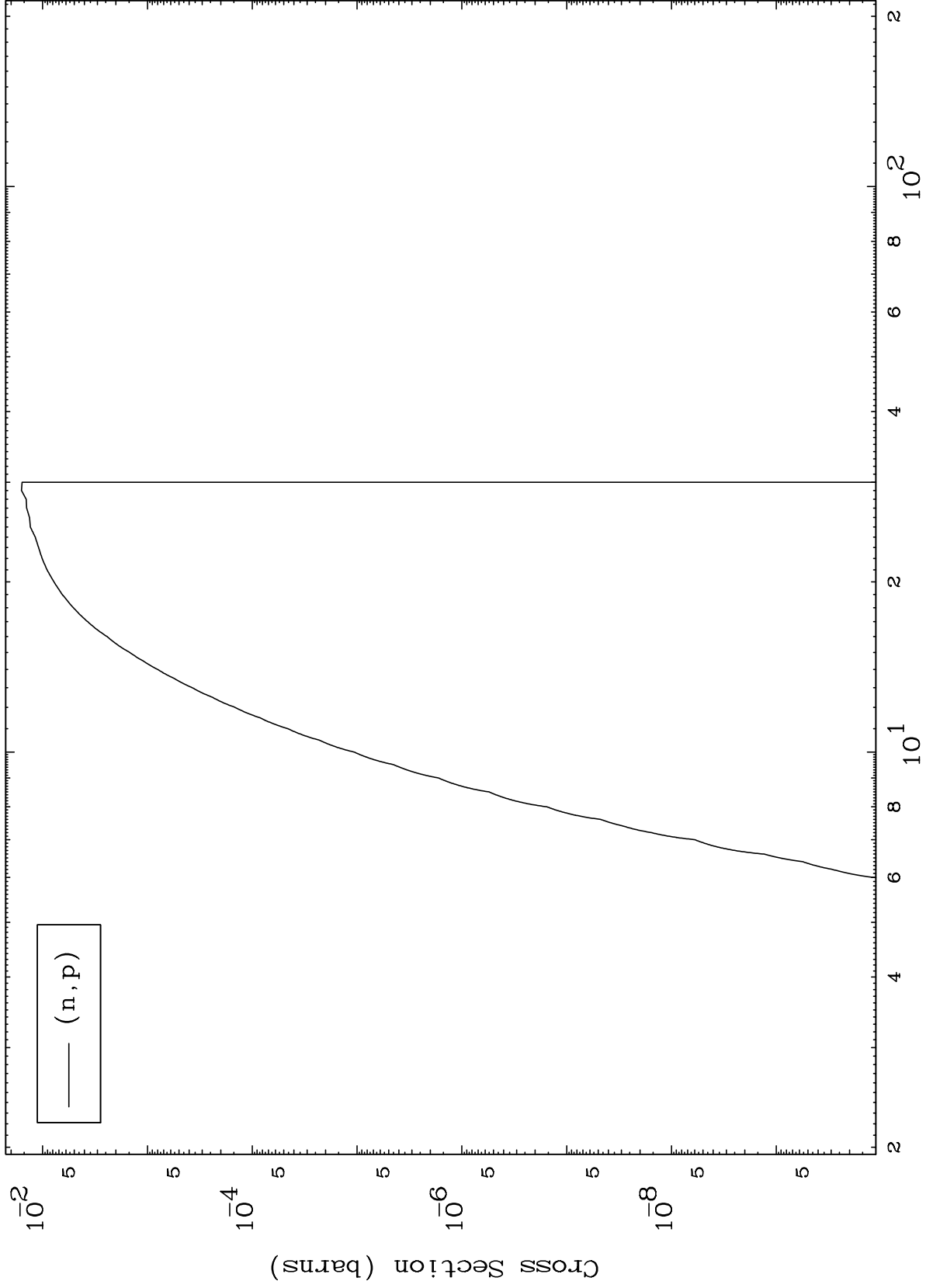
Incident Energy (MeV)

84-Po-217

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(n,p) Levels  
293 Kelvin Cross Sections

84-Po-217



11

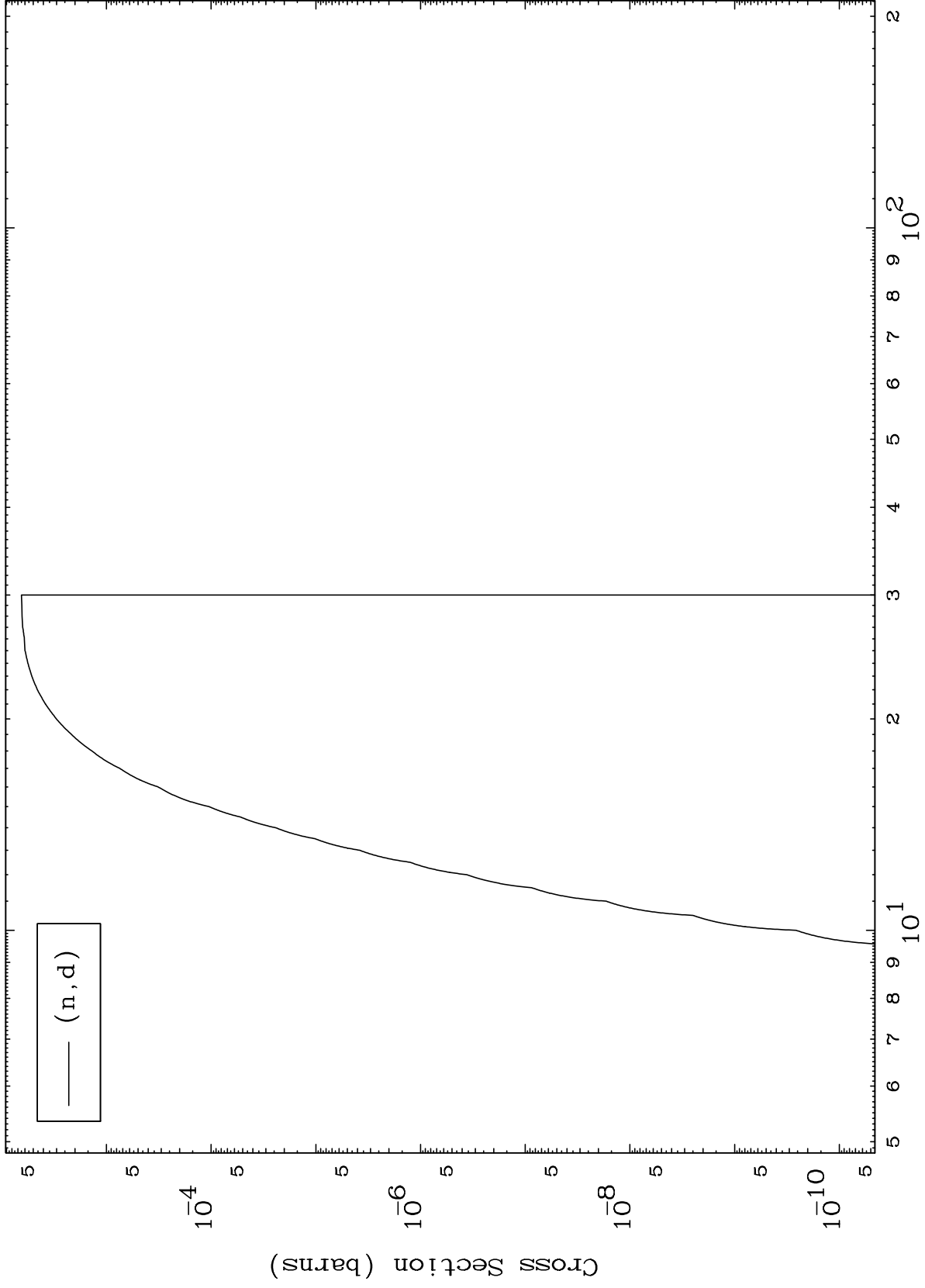
Incident Energy (MeV)

84-Po-217

MAT 8458

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-217



12

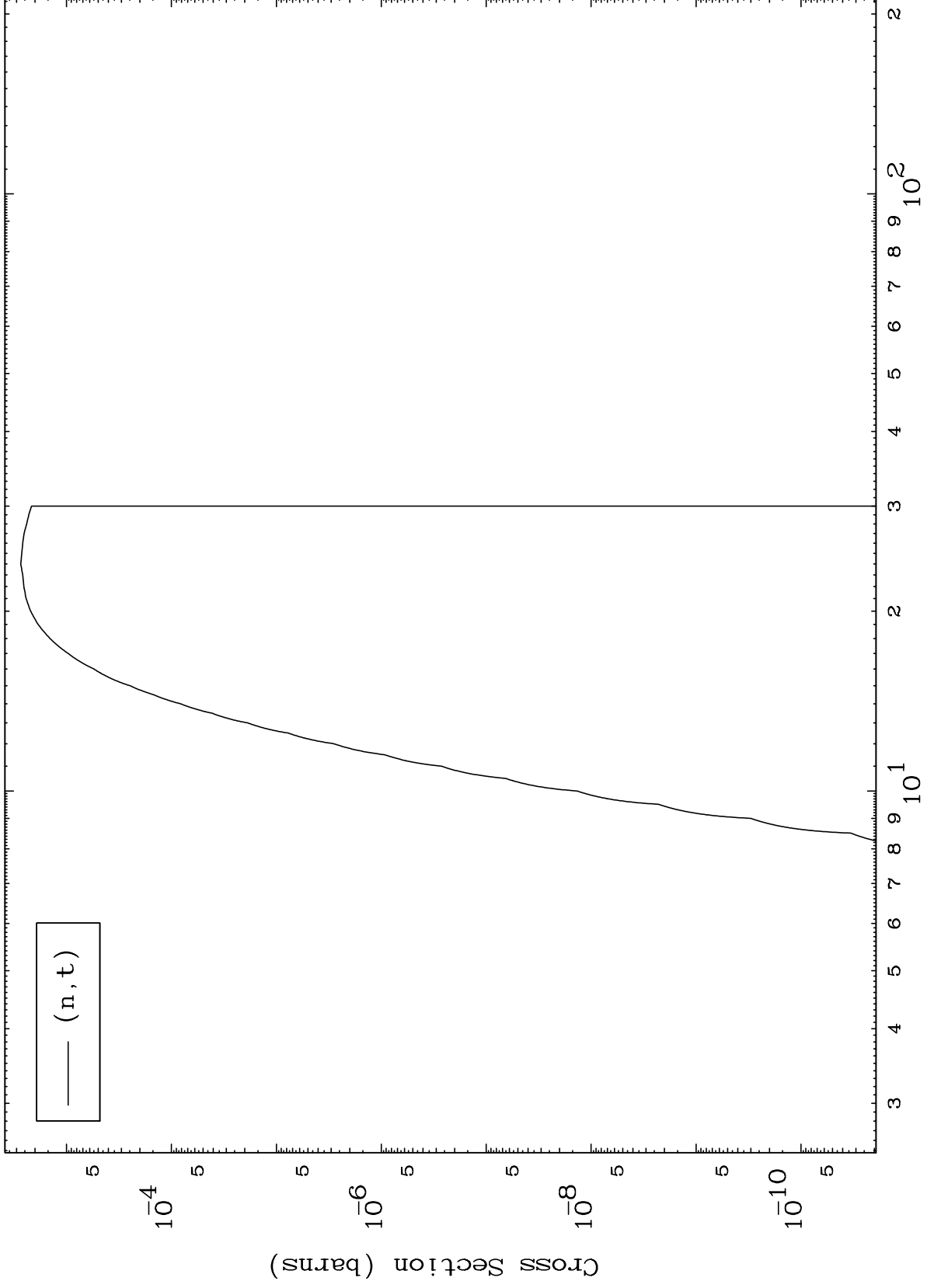
Incident Energy (MeV)

84-Po-217

MAT 8458

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-217



13

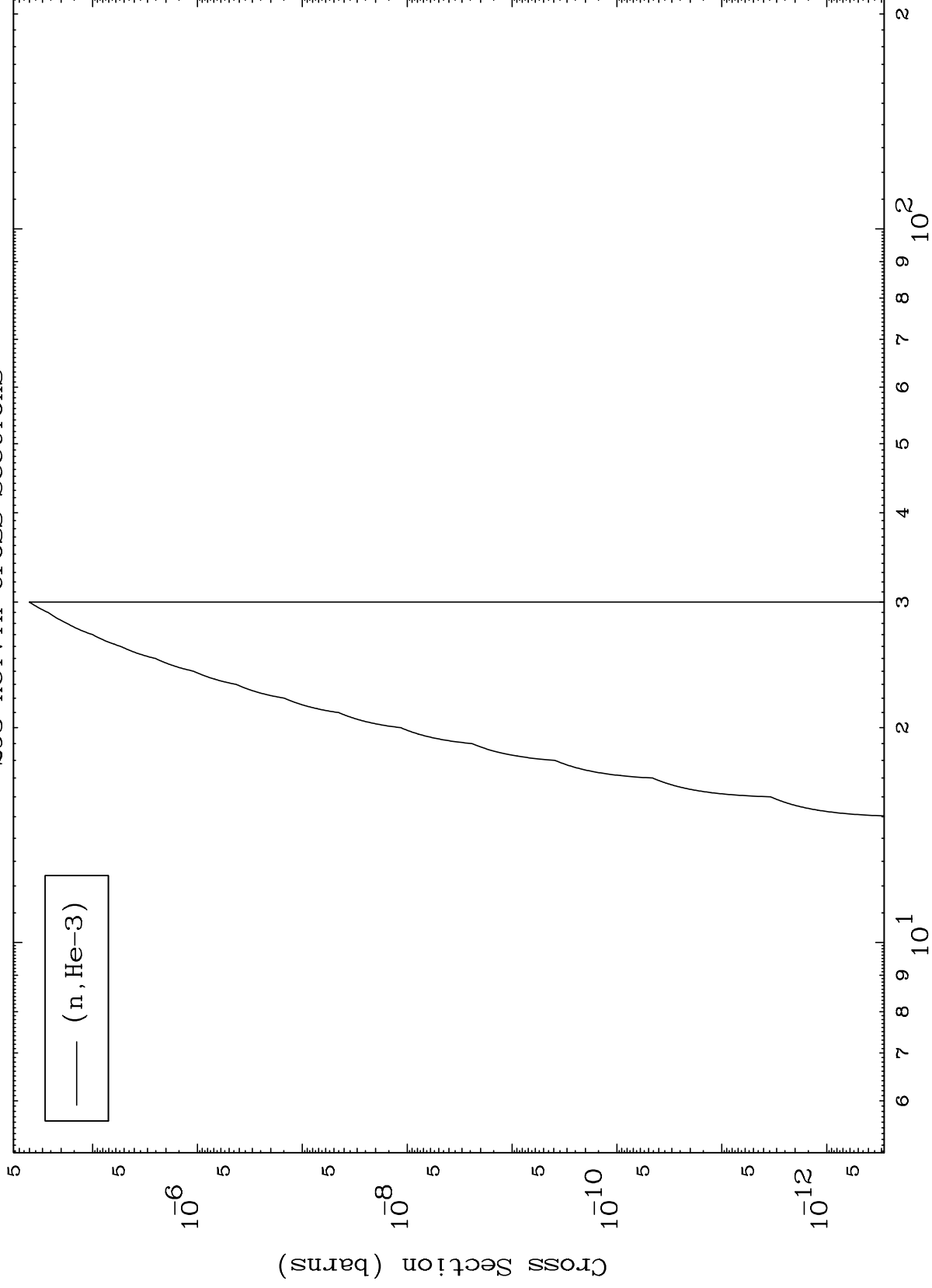
Incident Energy (MeV)

84-Po-217

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(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-217



14

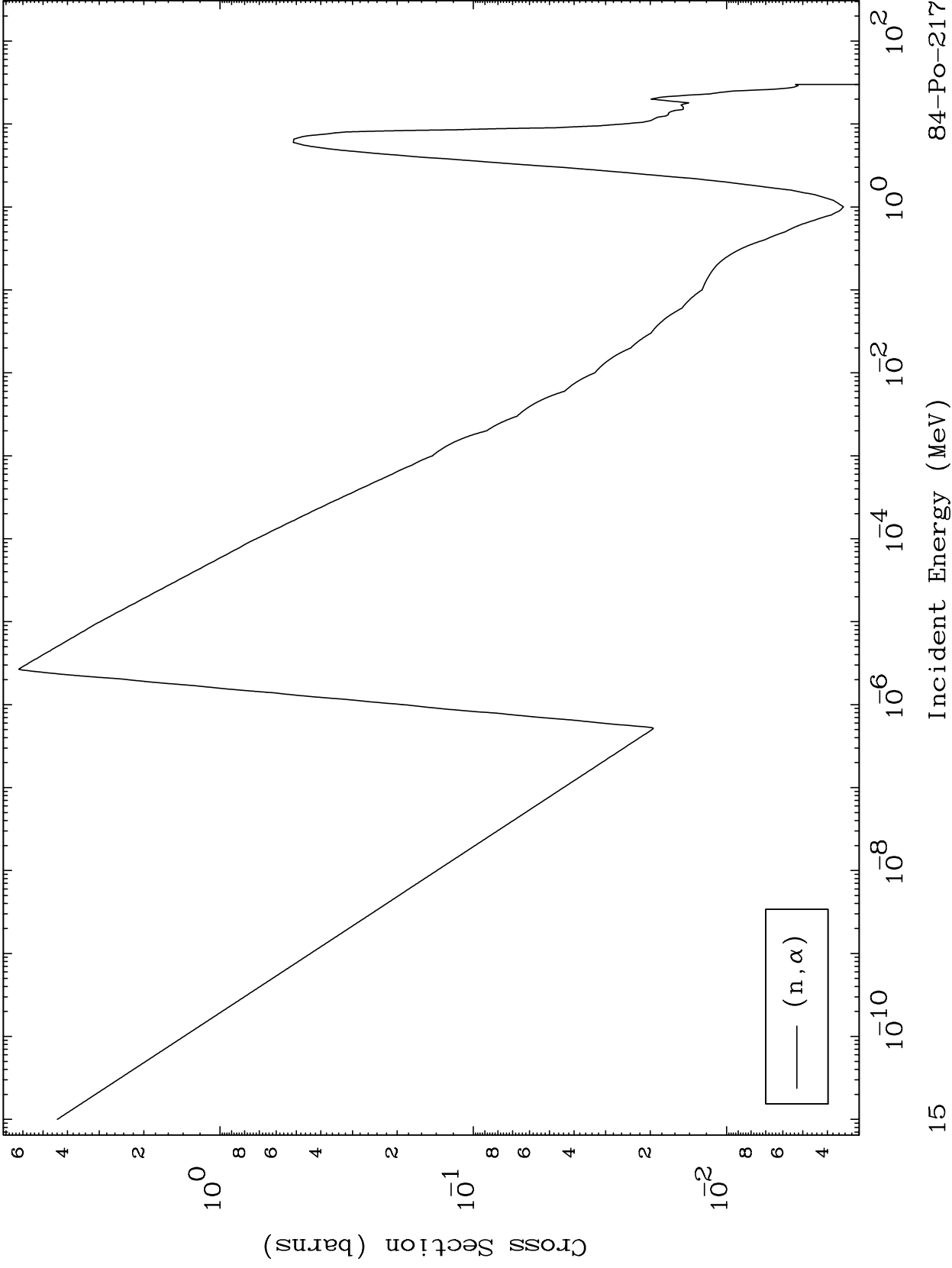
Incident Energy (MeV)

84-Po-217

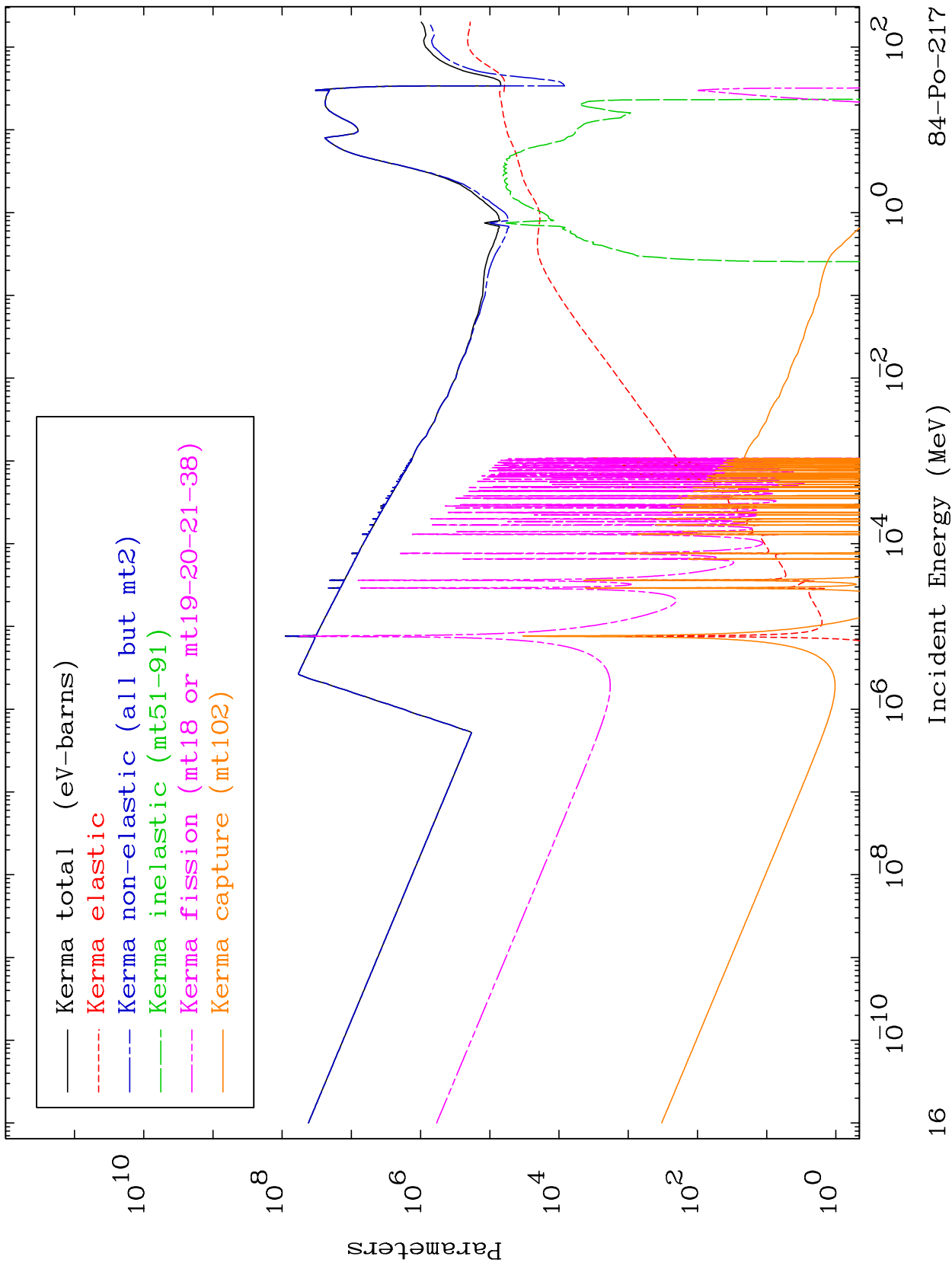
MAT 8458

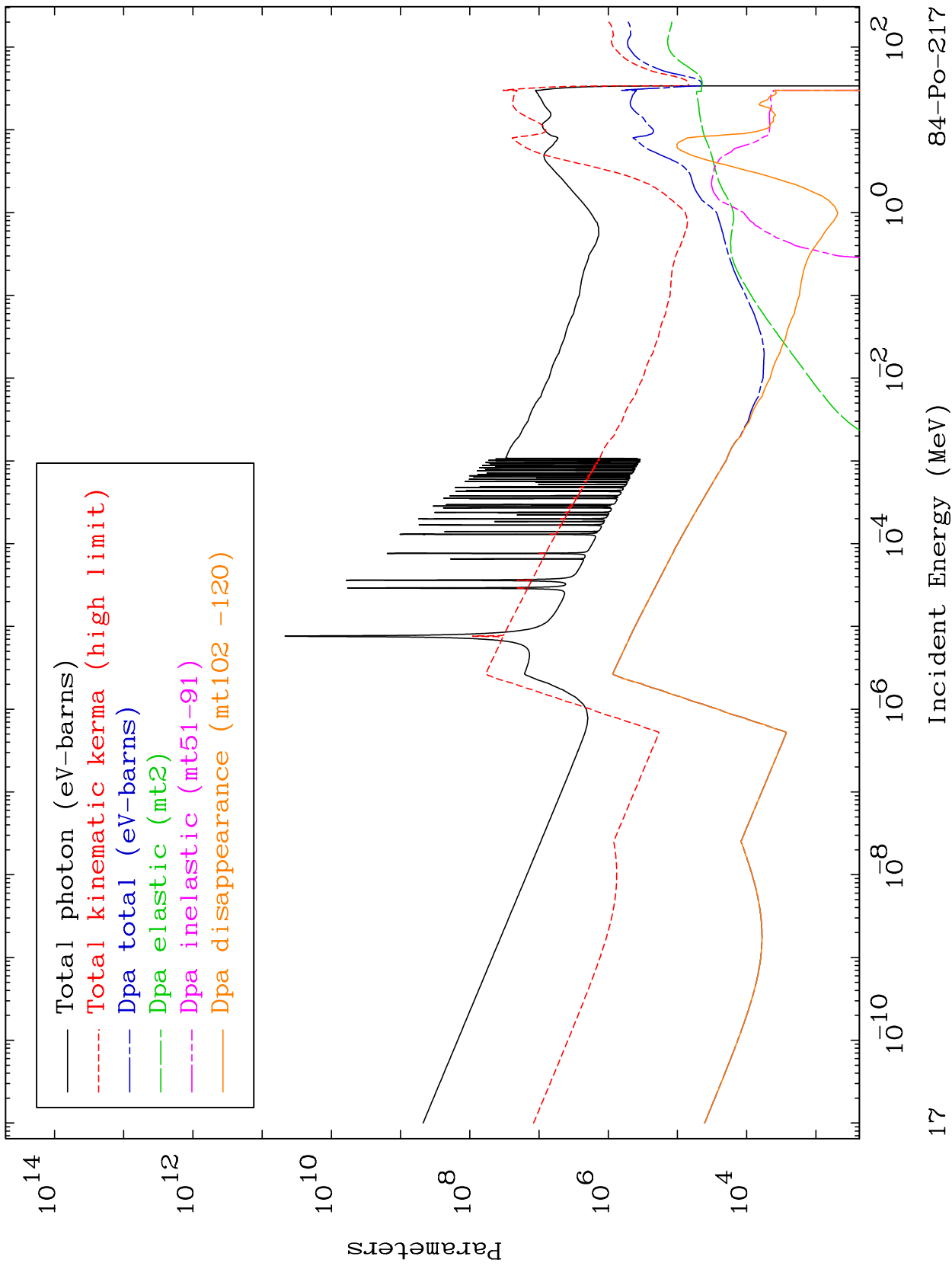
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

84-Po-217





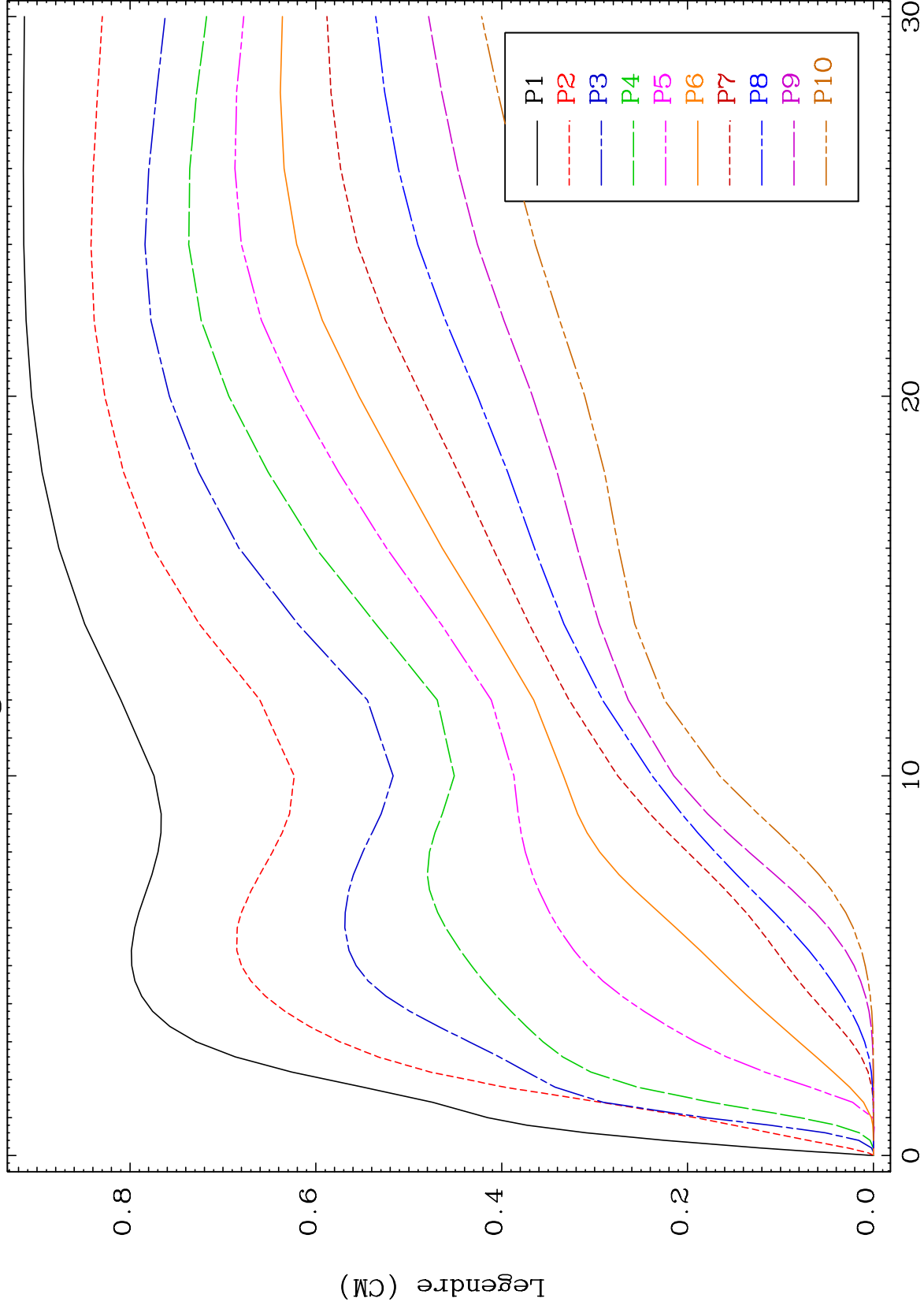




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Elastic Legendre Coefficients

84-Po-217



18

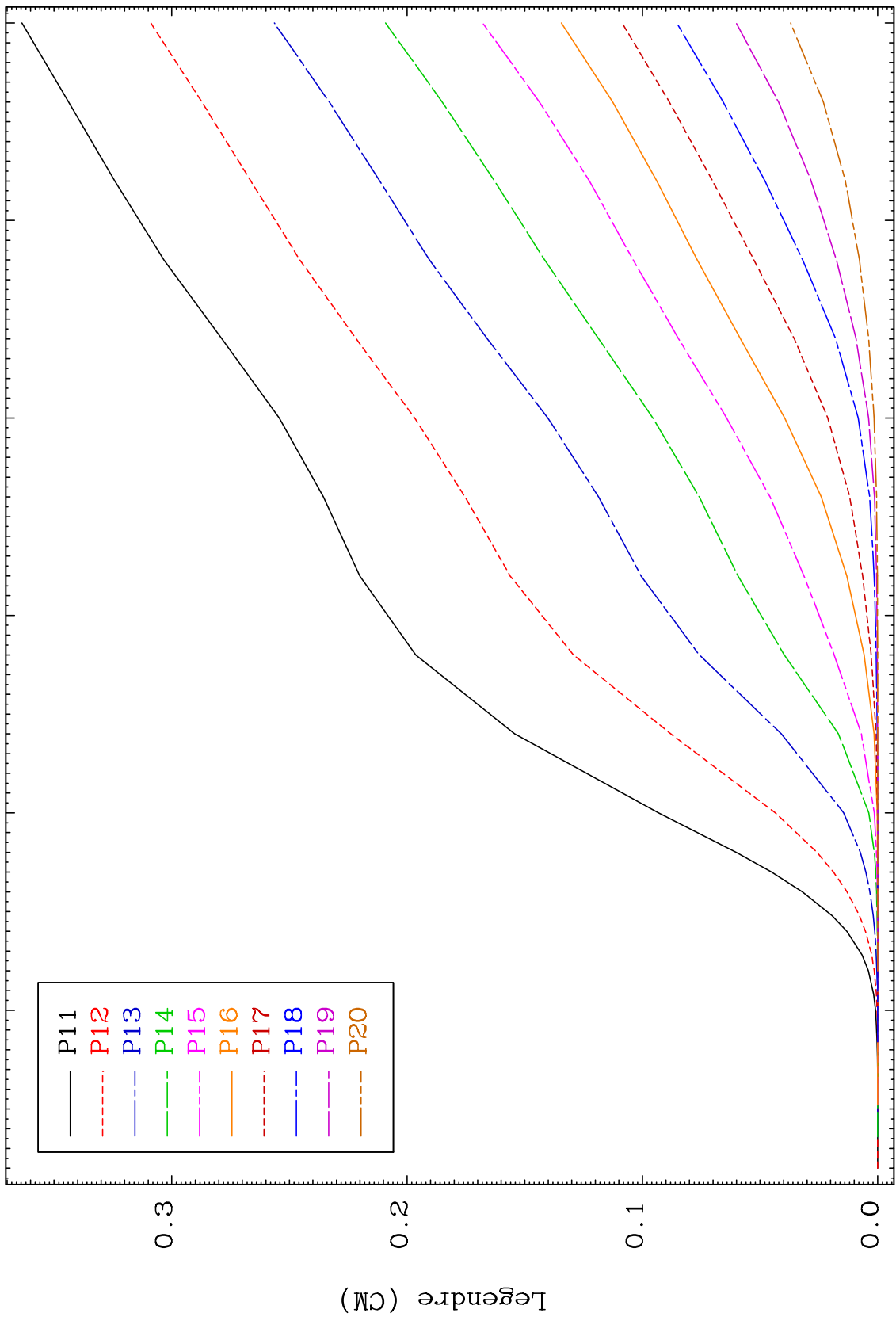
Incident Energy (MeV)

84-Po-217

MAT 8458

Elastic Legendre Coefficients

84-Po-217



19

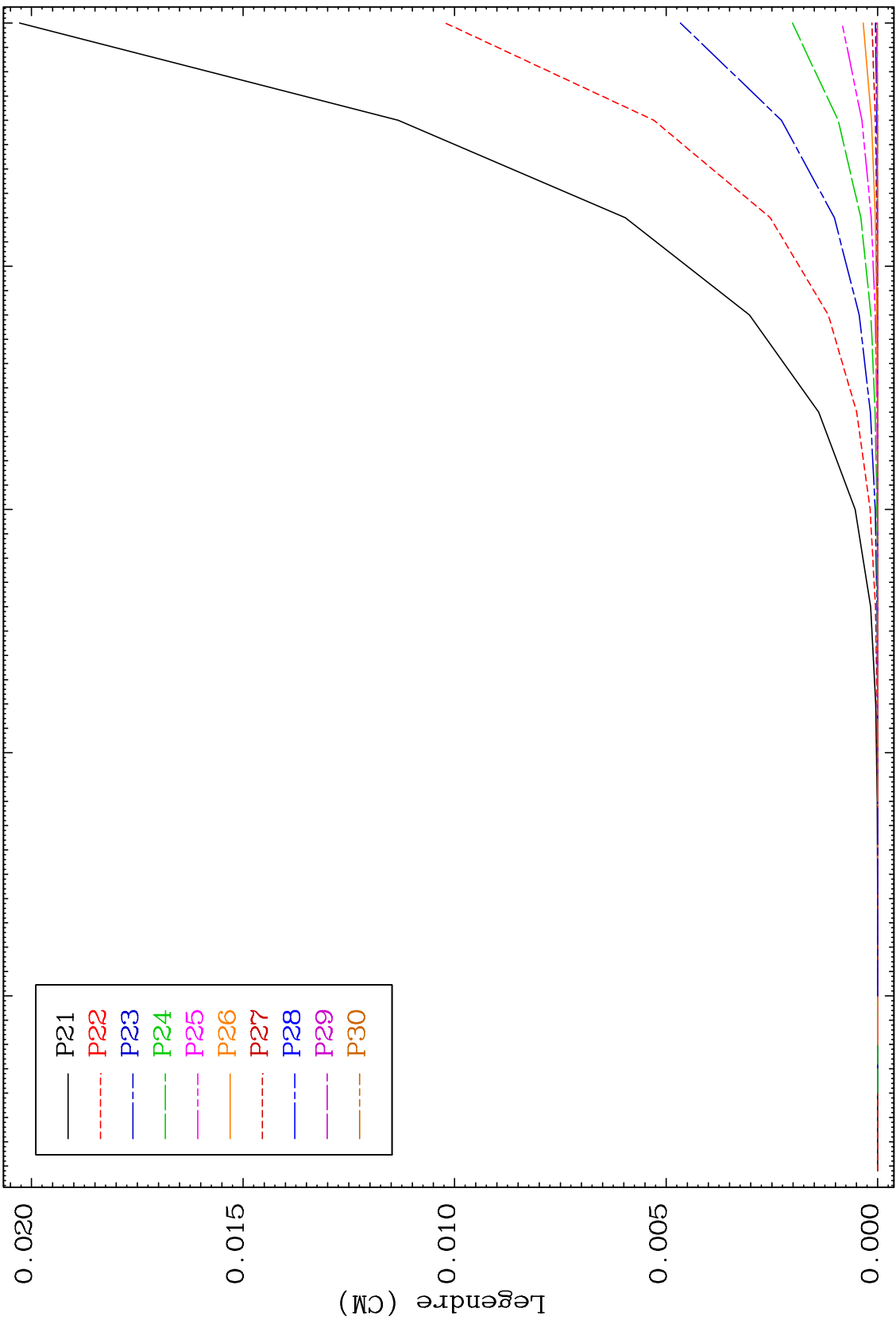
Incident Energy (MeV)

84-Po-217

MAT 8458

Elastic Legendre Coefficients

84-Po-217



20

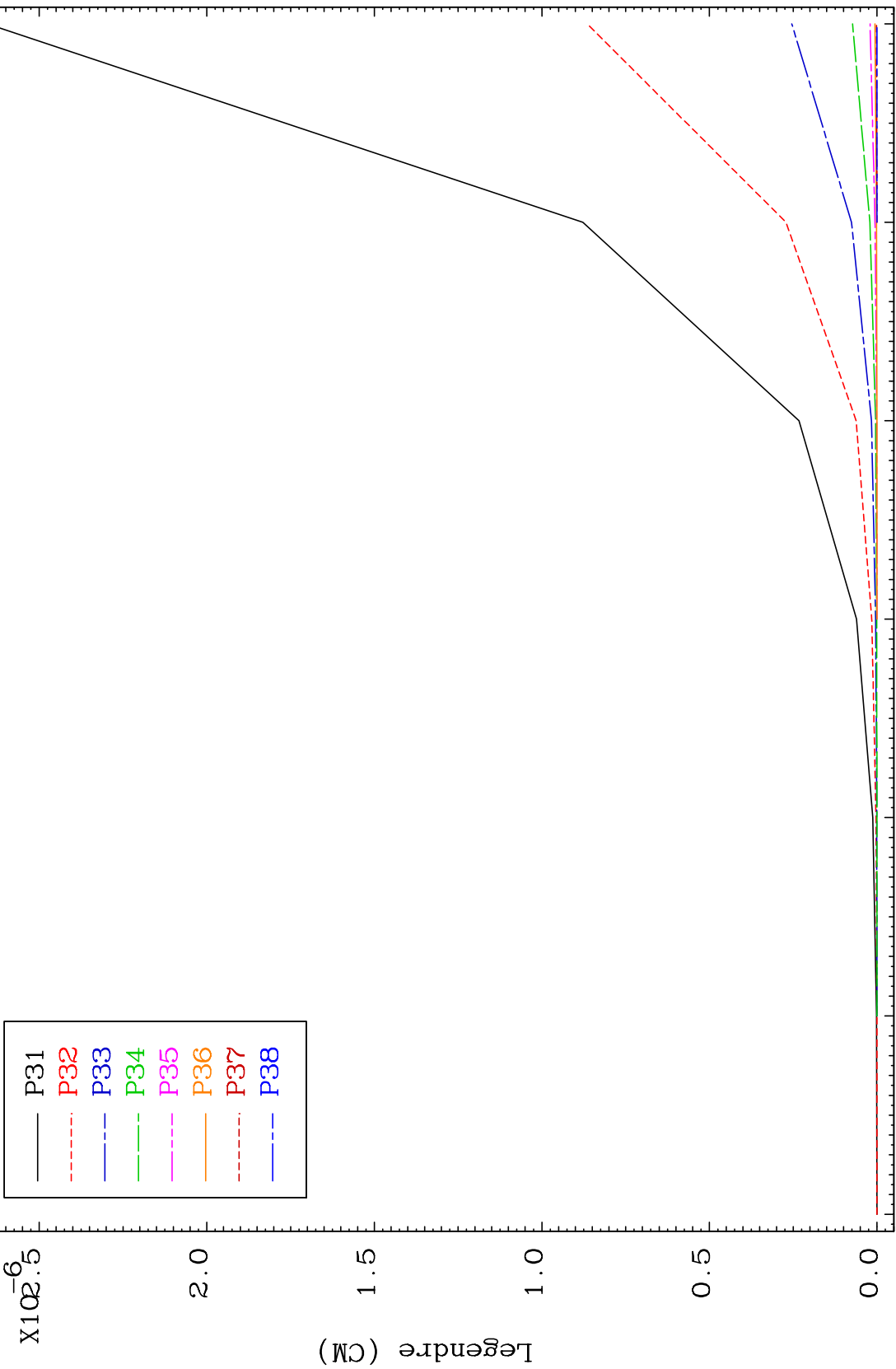
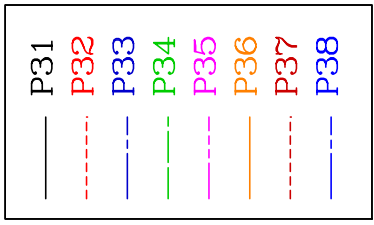
Incident Energy (MeV)

84-Po-217

MAT 8458

Elastic Legendre Coefficients

84-Po-217



21

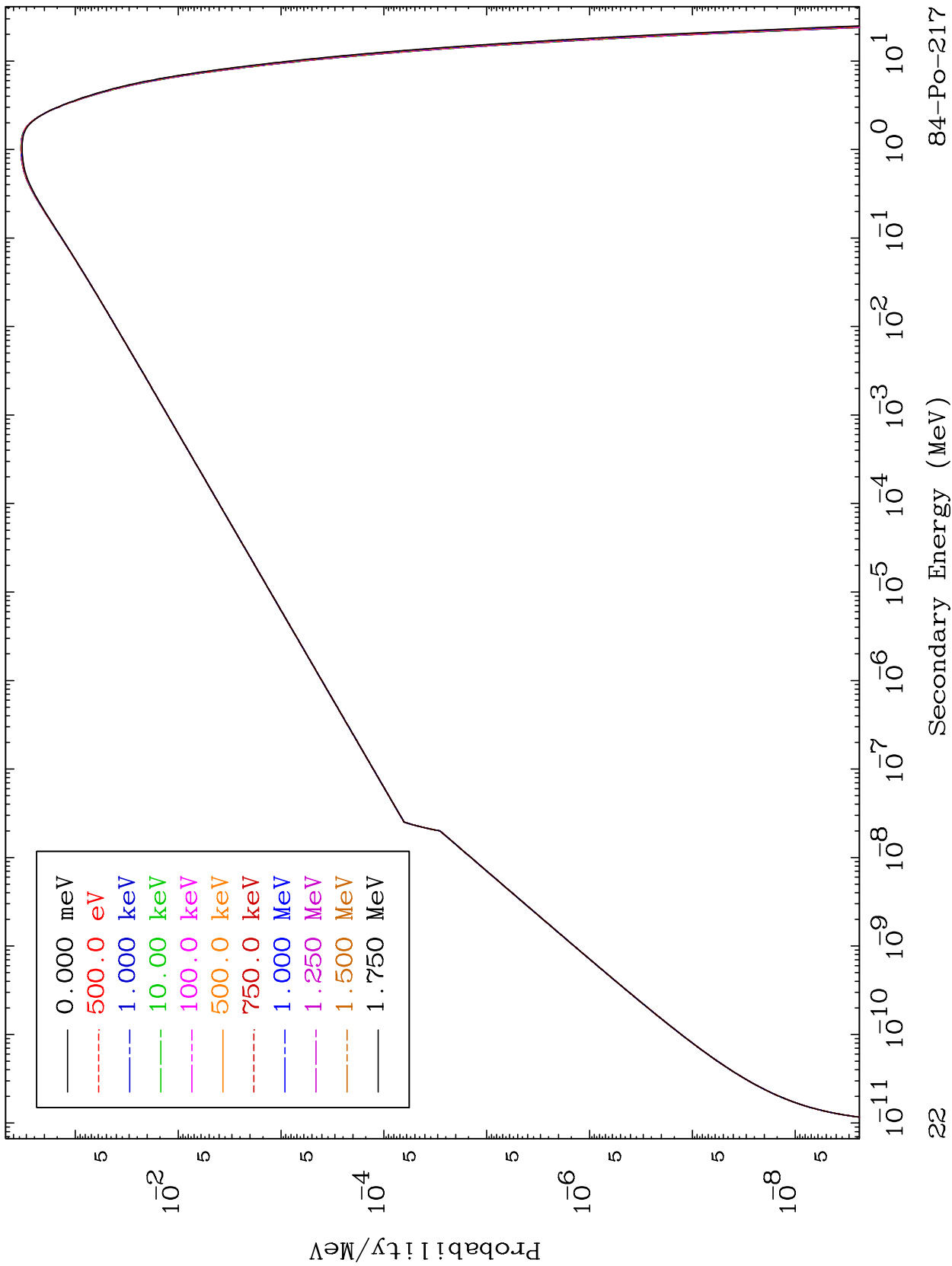
Incident Energy (MeV)

84-Po-217

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### Fission Energy Distribution

84-Po-217



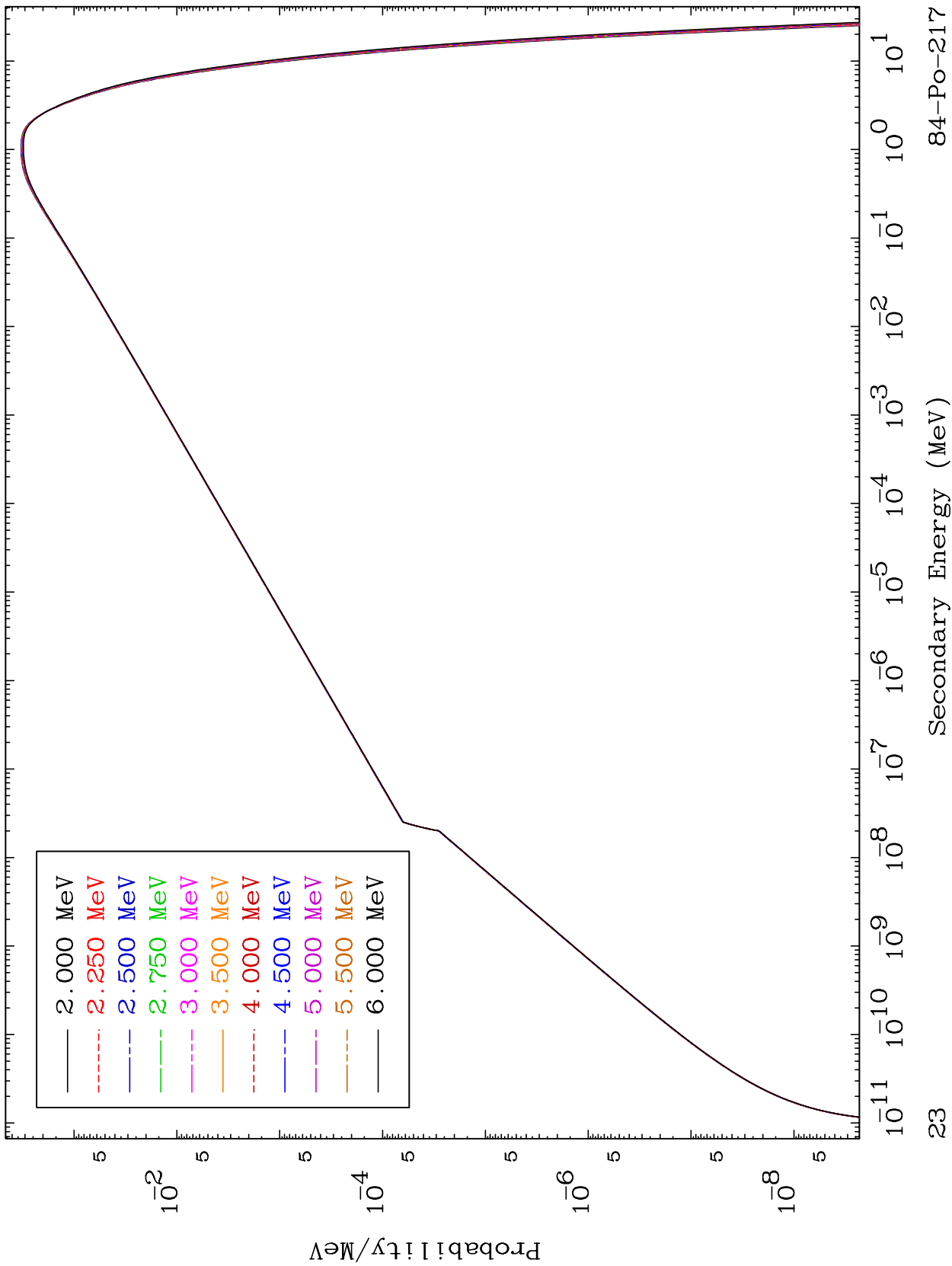
84-Po-217

Secondary Energy (MeV)

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### Fission Energy Distribution

84-Po-217

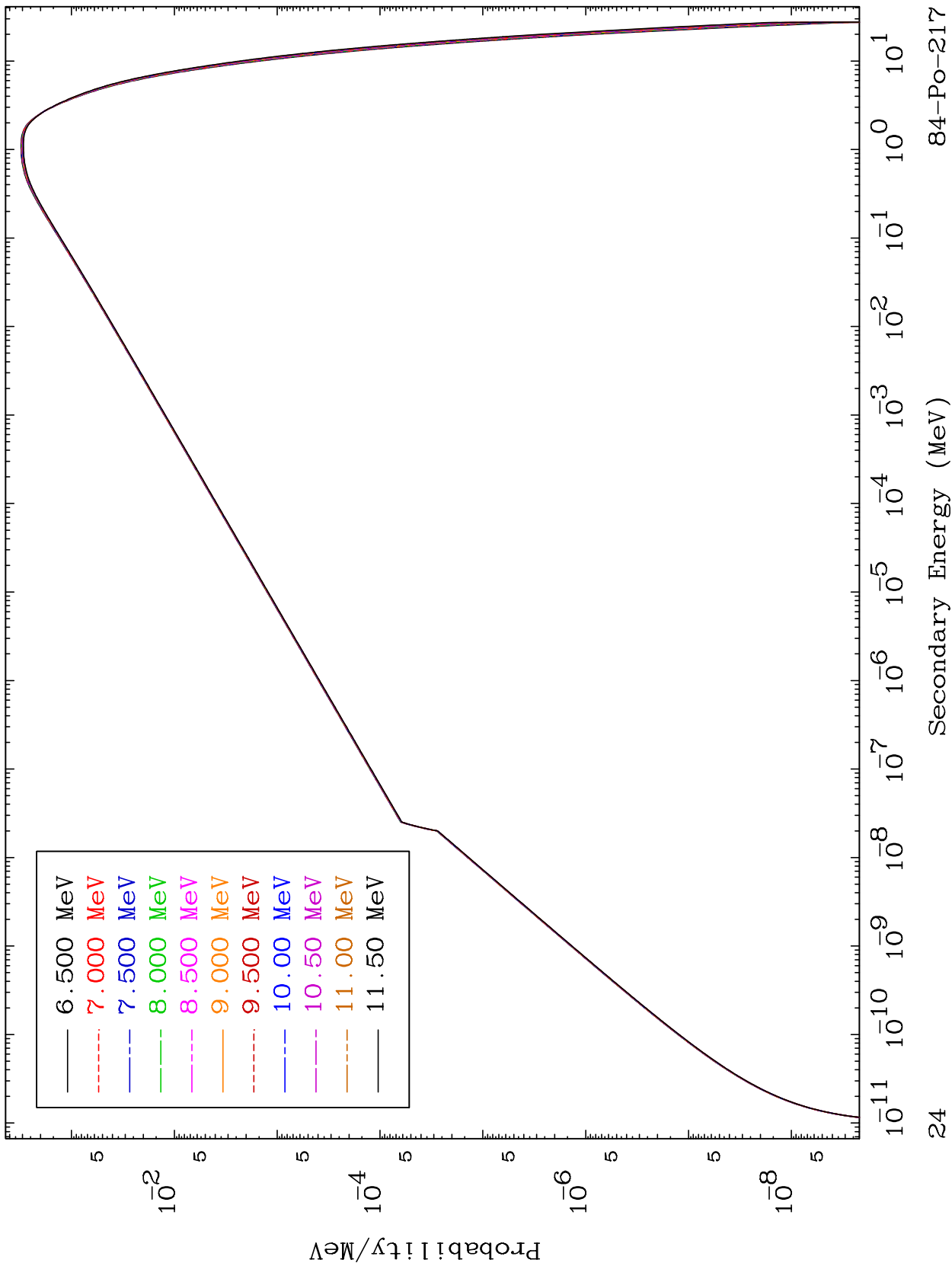




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### Fission Energy Distribution

84-Po-217



84-Po-217

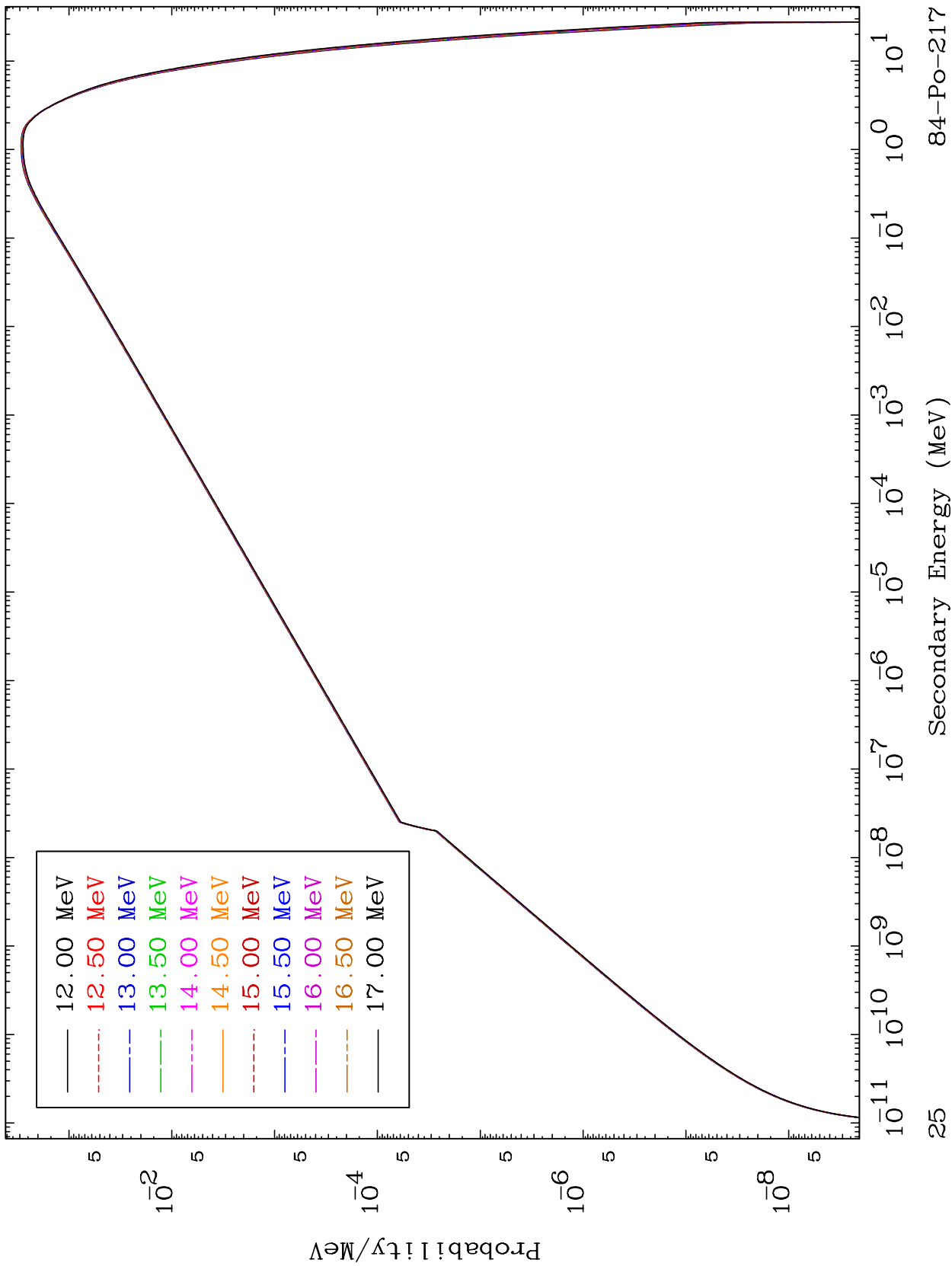
Secondary Energy (MeV)

24

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### Fission Energy Distribution

84-Po-217

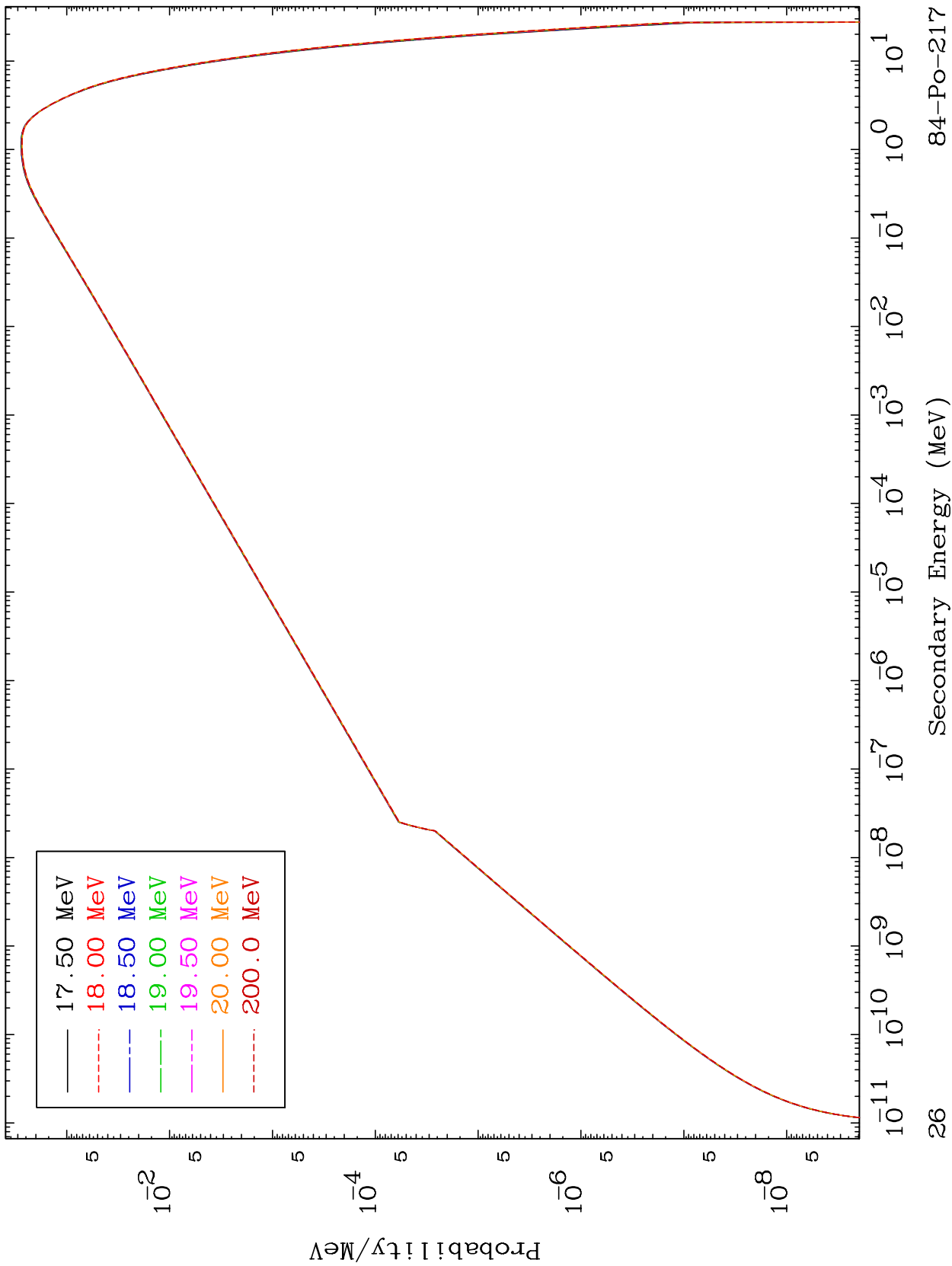


84-Po-217

MAT 8458

### Fission Energy Distribution

84-Po-217

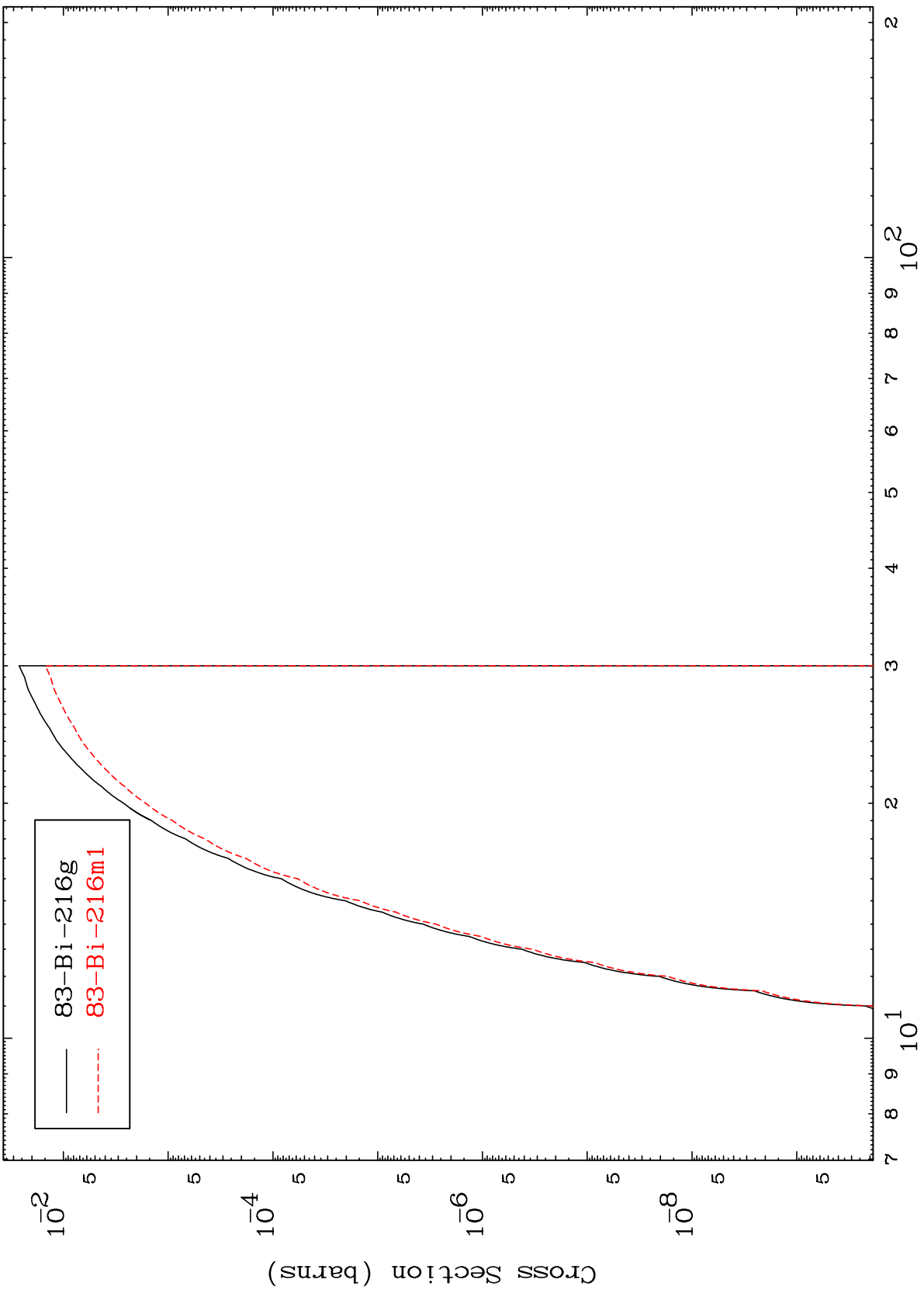


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(n,n') p

84-Po-217

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

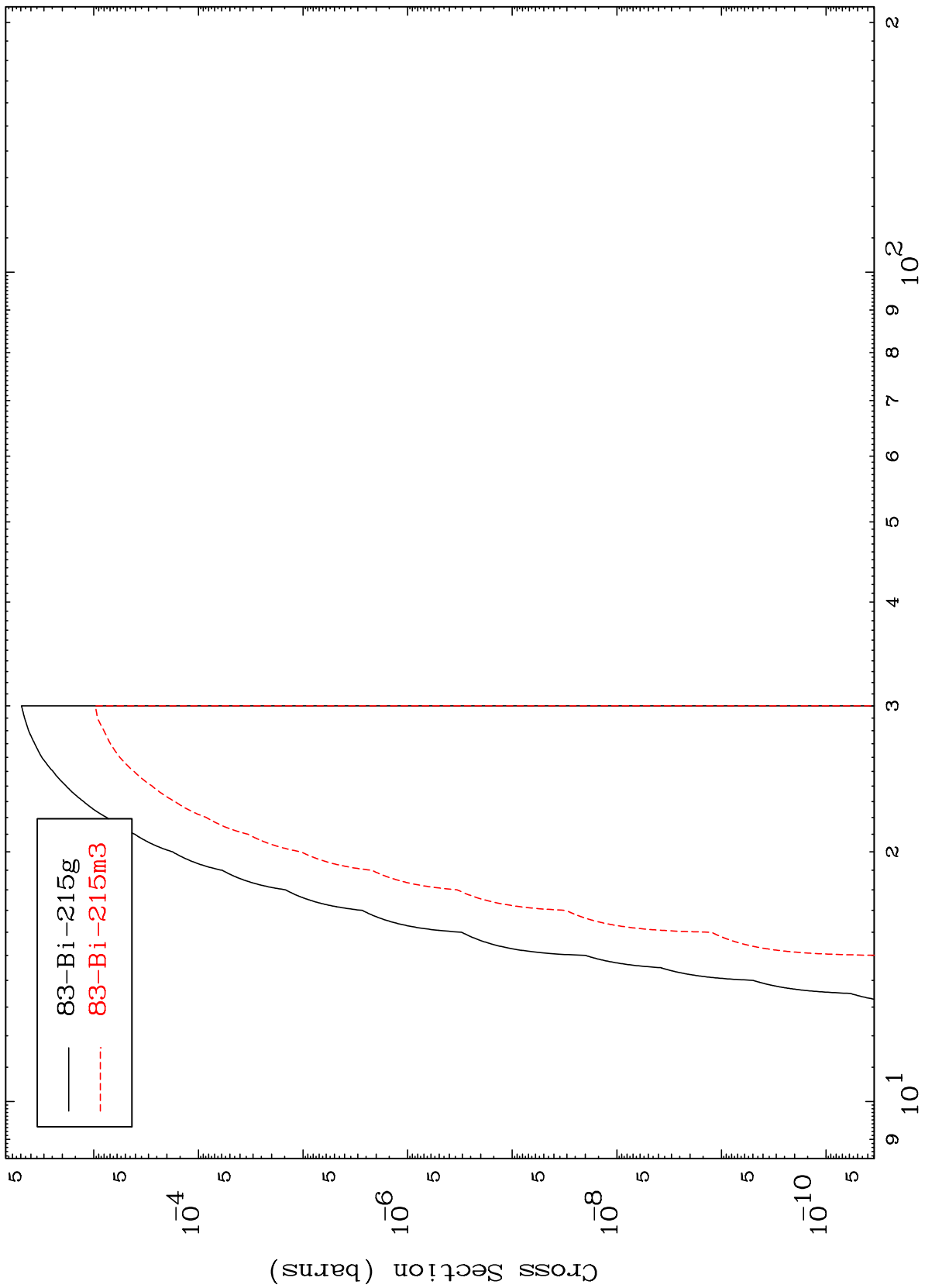
84-Po-217

MAT 8458

(n,n') d

84-Po-217

Radionuclide Production Cross Section



83-Bi-215g  
83-Bi-215m3

28

Incident Energy (MeV)

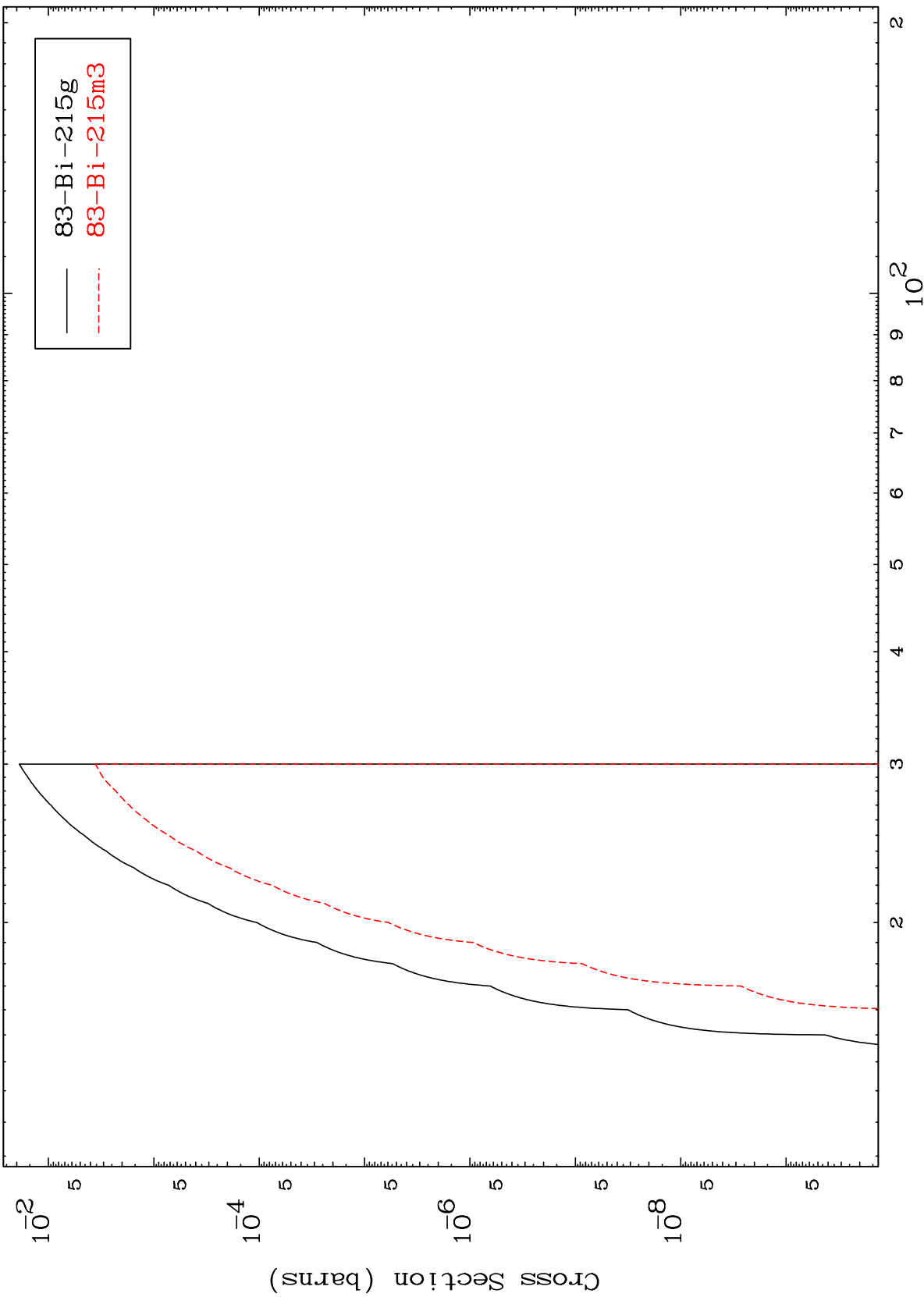
84-Po-217

MAT 8458

(n,2n) p

84-Po-217

Radionuclide Production Cross Section



29

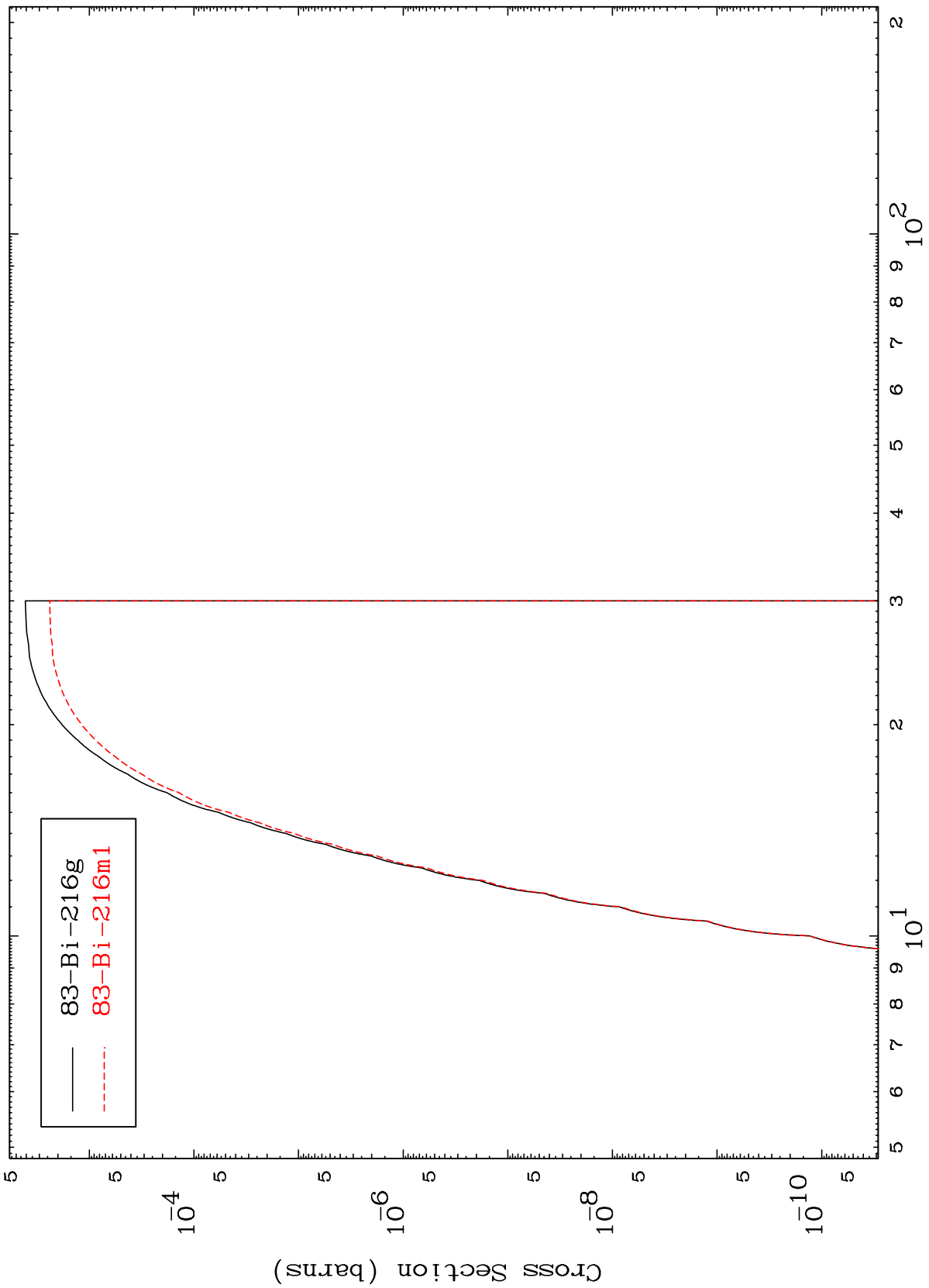
Incident Energy (MeV)

84-Po-217

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84-Po-217

(n,d)  
Radionuclide Production Cross Section



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

30

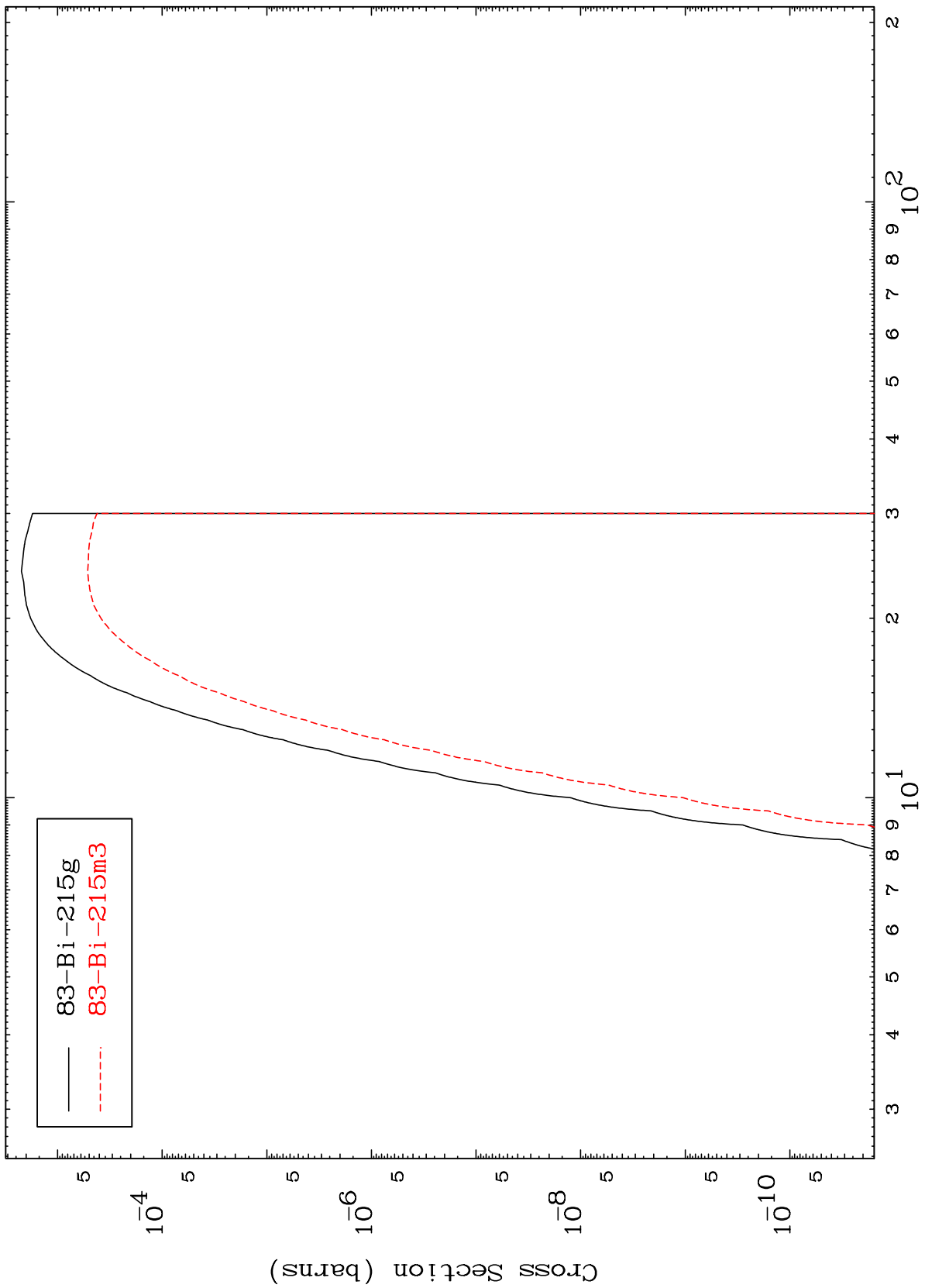
Incident Energy (MeV)

84-Po-217

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84-Po-217

(n, t)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

84-Po-217