

Program EVALPLOT
(Version 2017-1)

by

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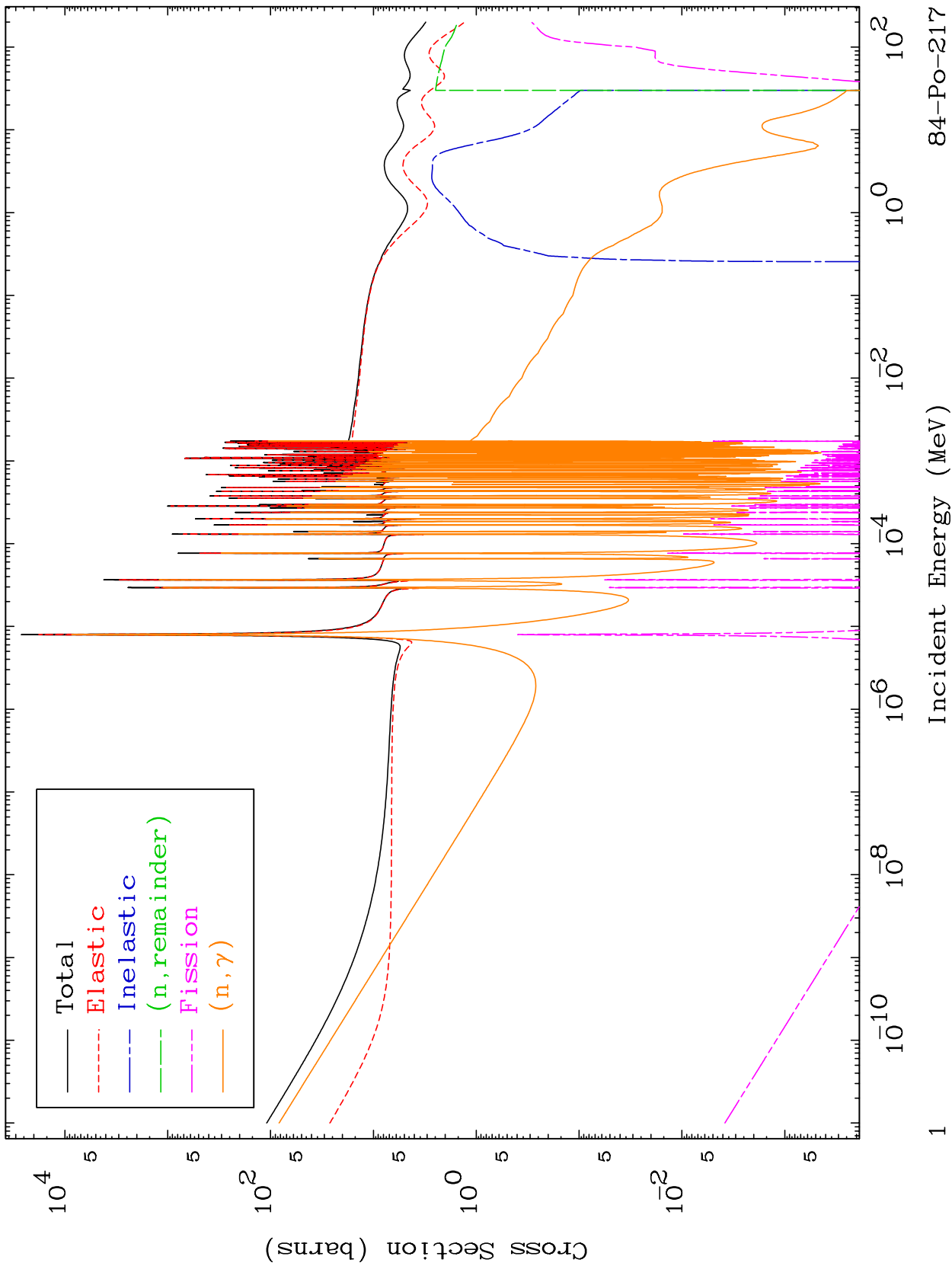
Press Mouse Button to Start

MAT 8458

Major

84-Po-217

293 Kelvin Cross Sections



1

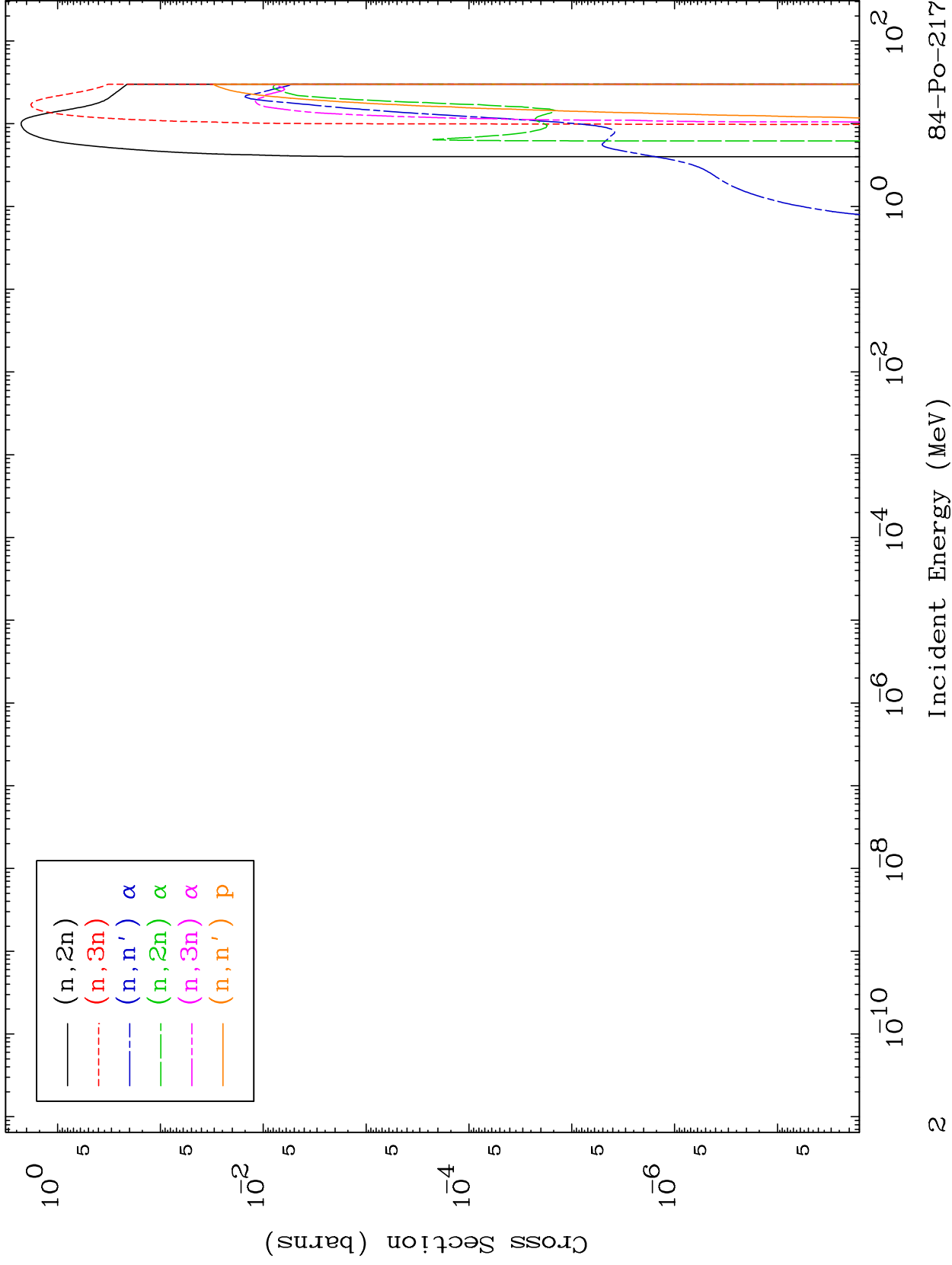
Incident Energy (MeV)

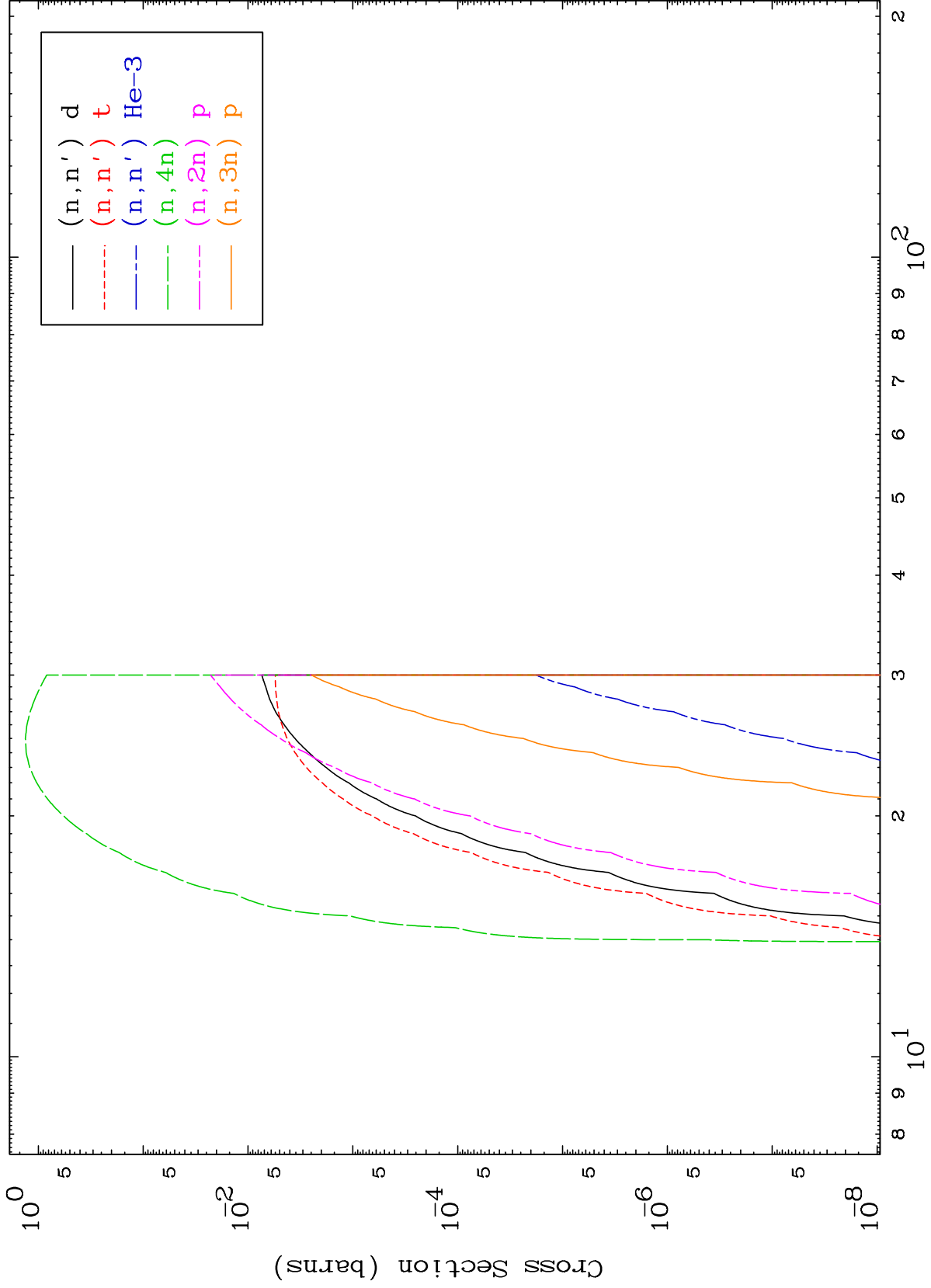
84-Po-217

MAT 8458

Neutron Production
293 Kelvin Cross Sections

84-Po-217

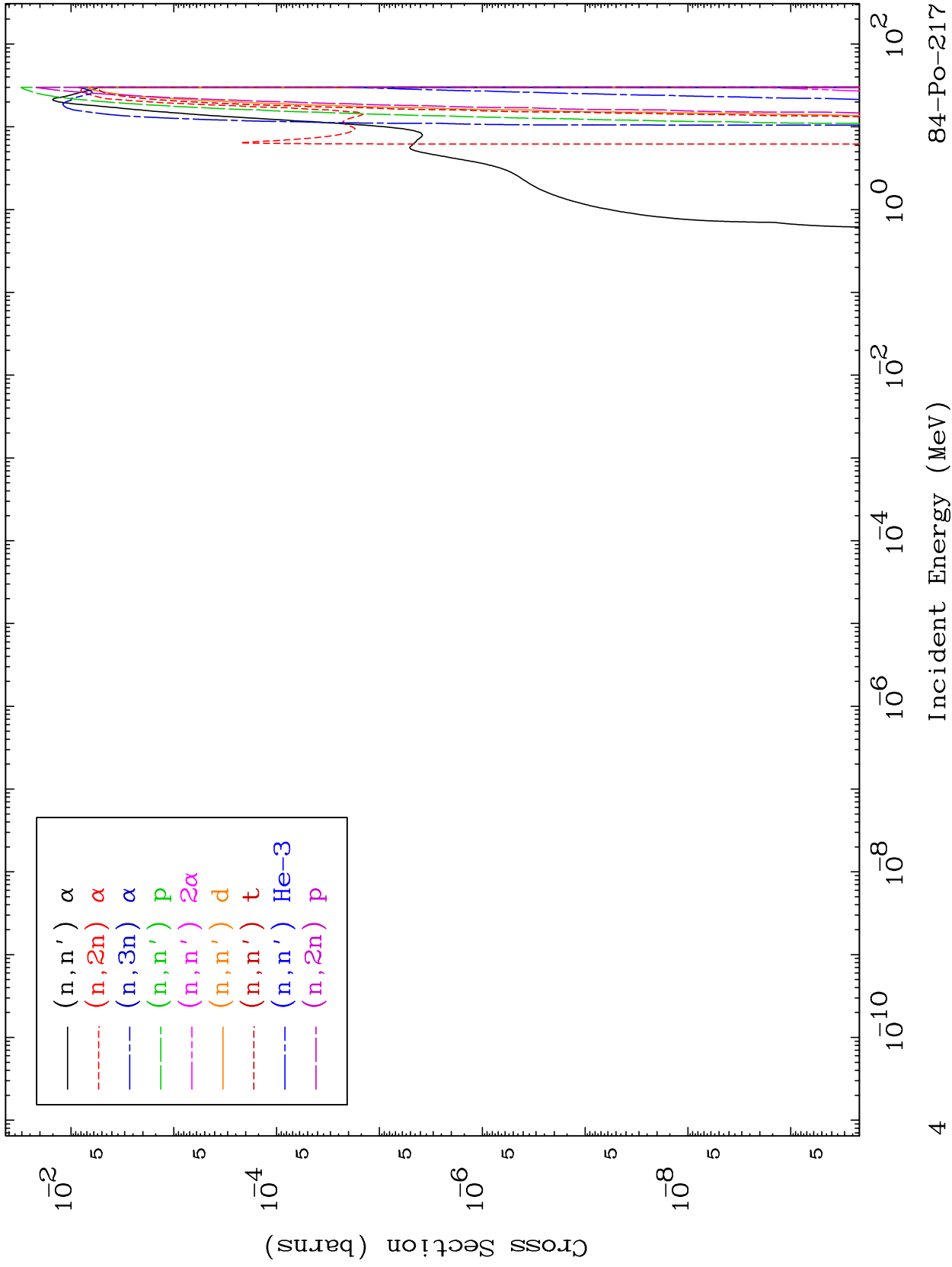




MAT 8458

Charged Particle
293 Kelvin Cross Sections

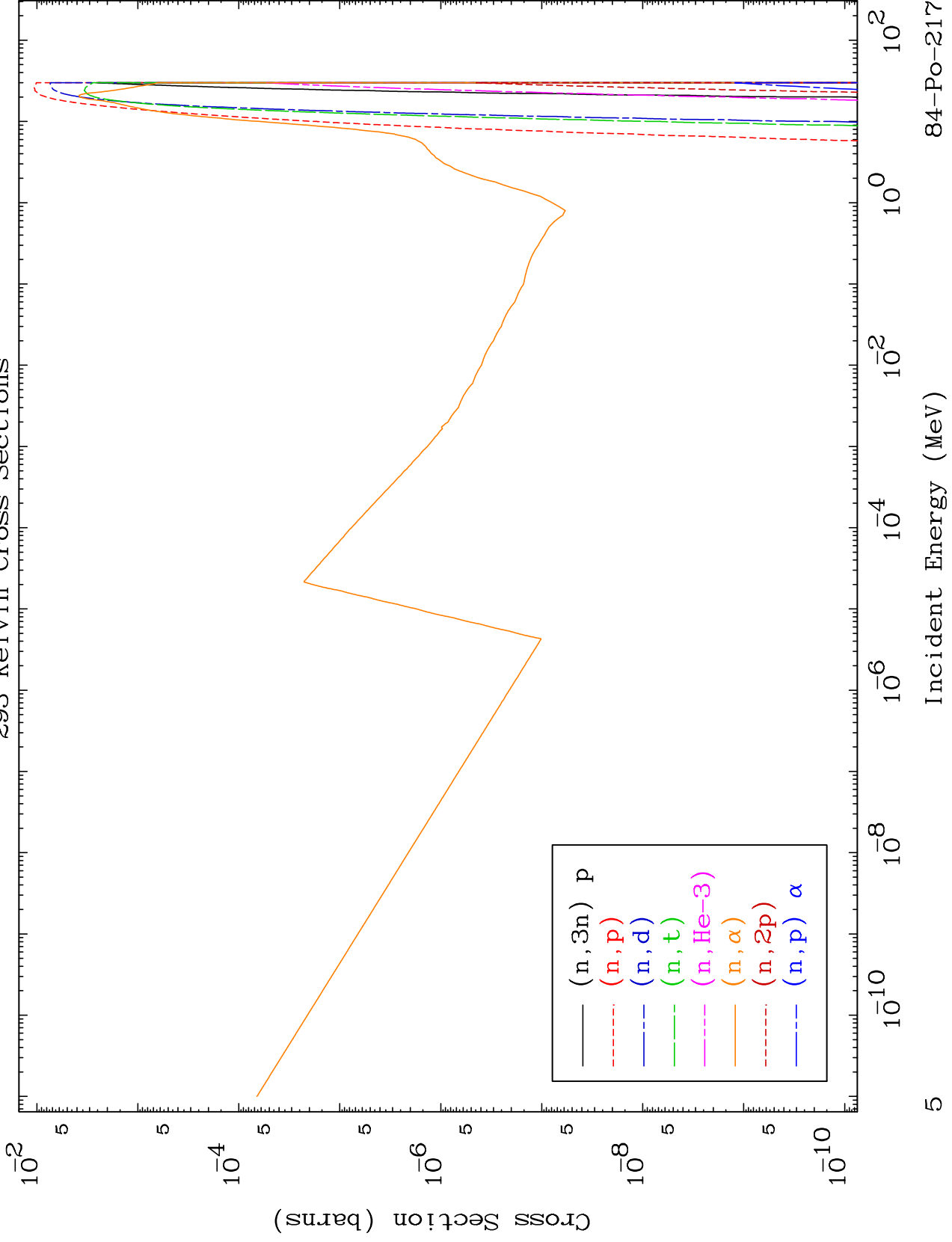
84-Po-217



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Charged Particle
293 Kelvin Cross Sections

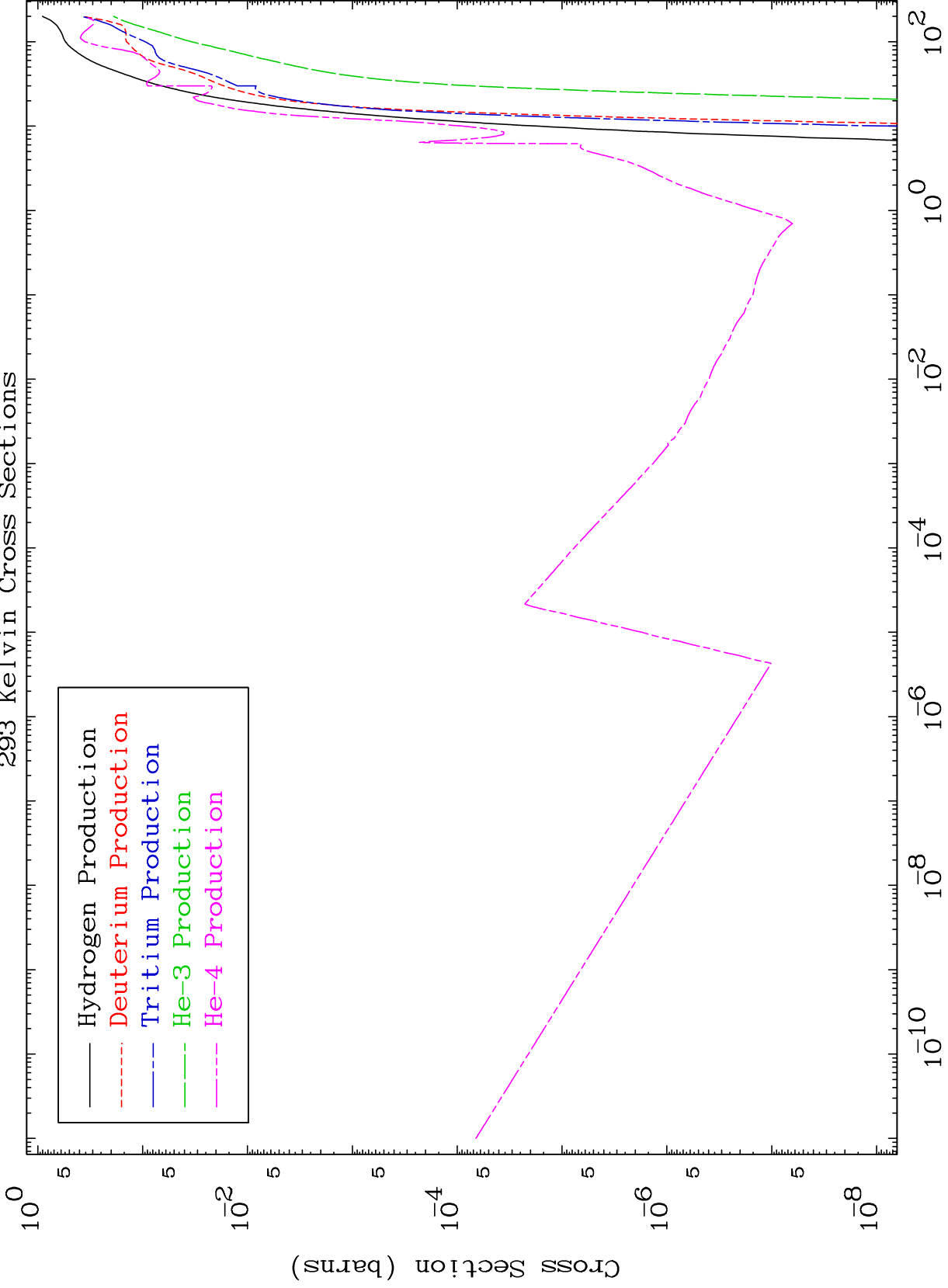
84-Po-217



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Particle Production
293 Kelvin Cross Sections

84-Po-217



6

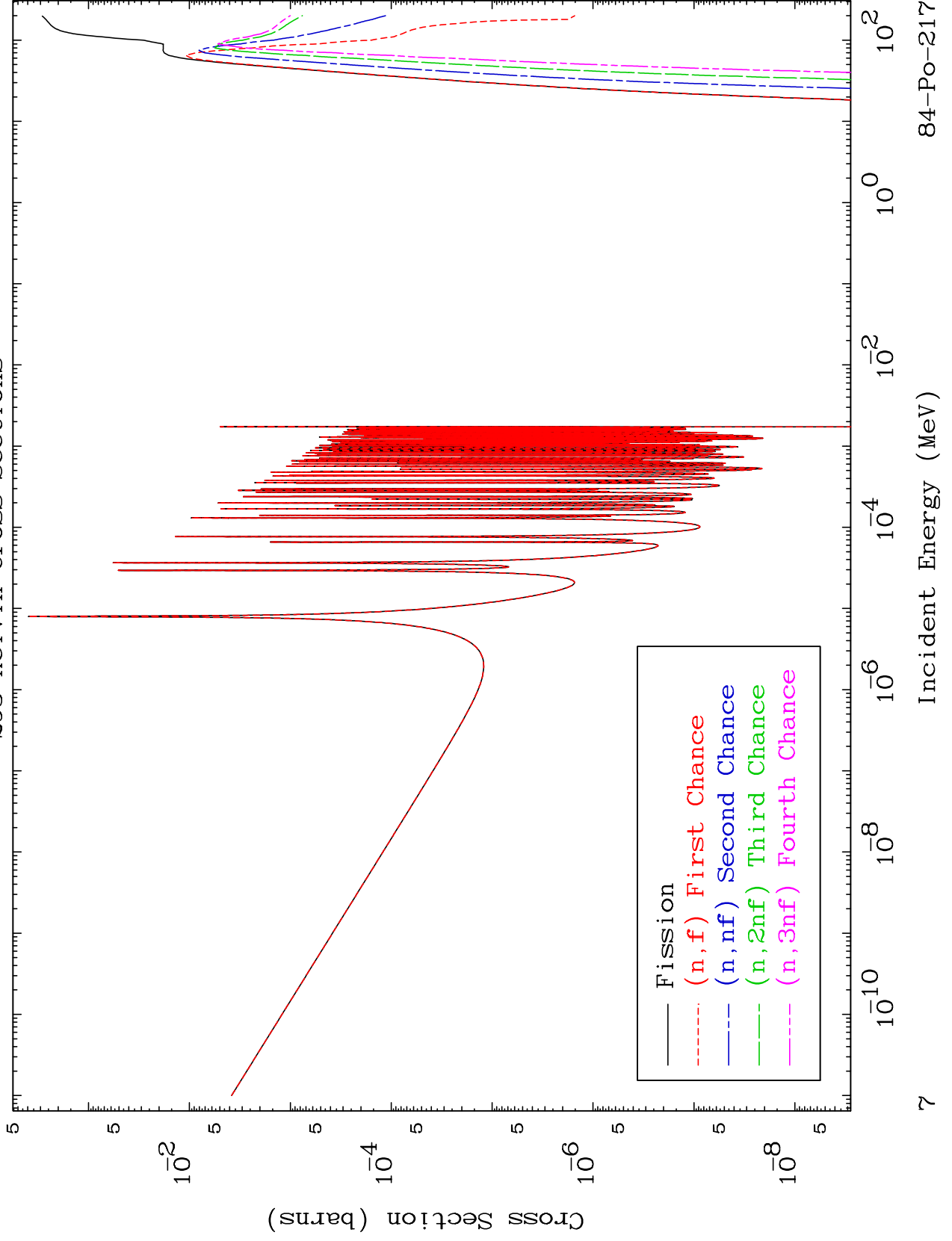
Incident Energy (MeV)

84-Po-217

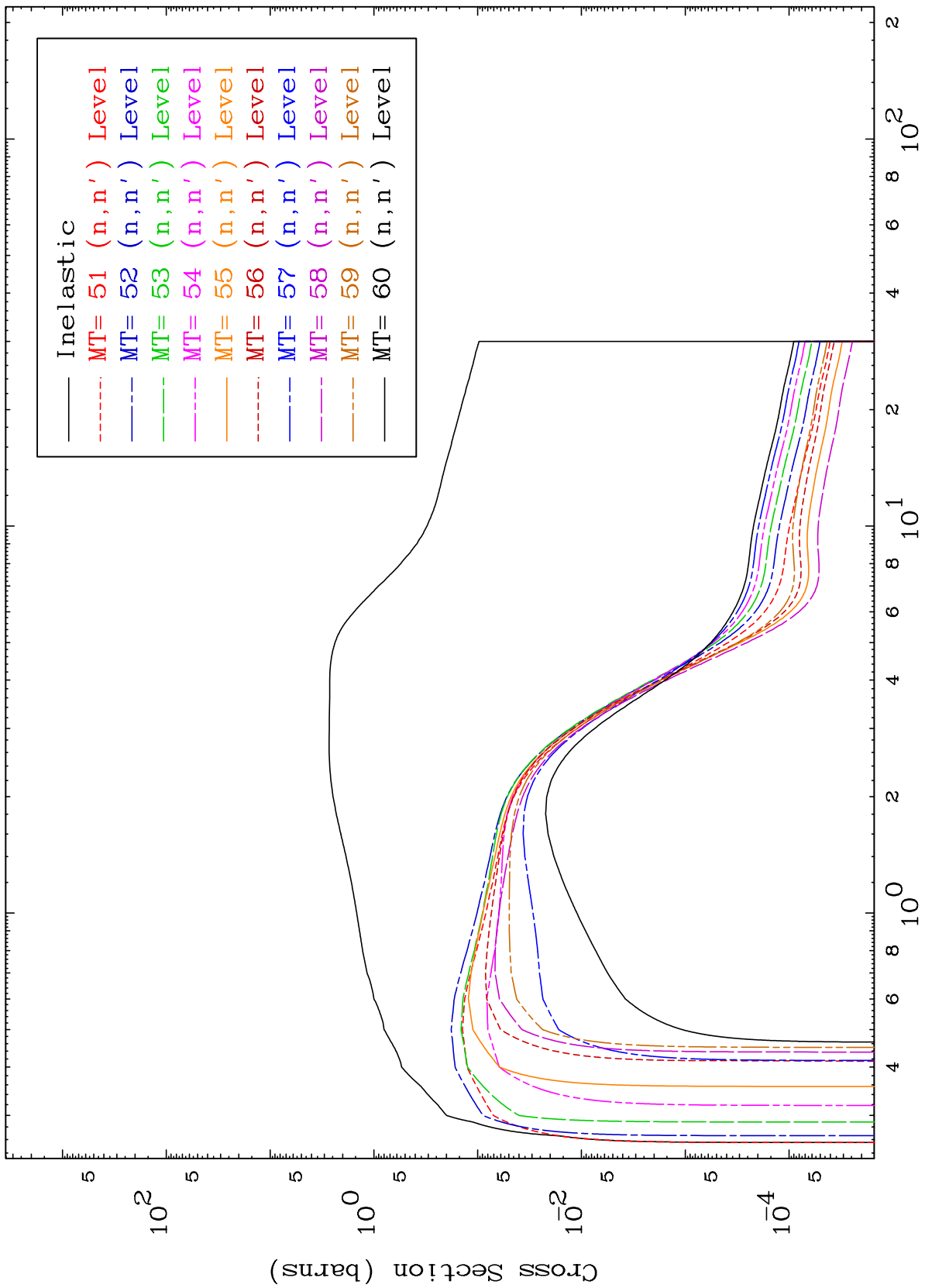
MAT 8458

Fission
293 Kelvin Cross Sections

84-Po-217



293 Kelvin Cross Sections

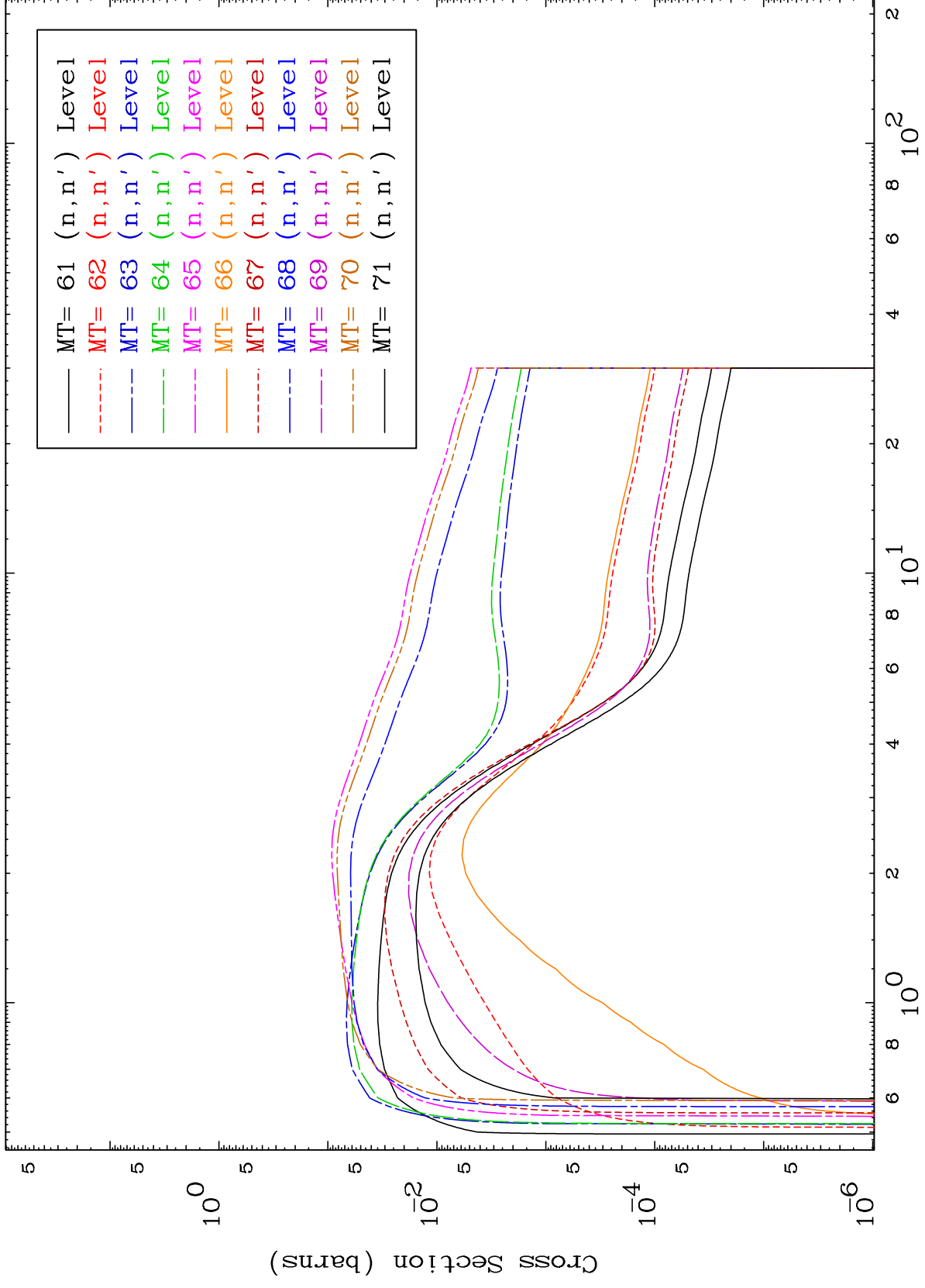


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(n,n') Level

84-Po-217

293 Kelvin Cross Sections



9

Incident Energy (MeV)

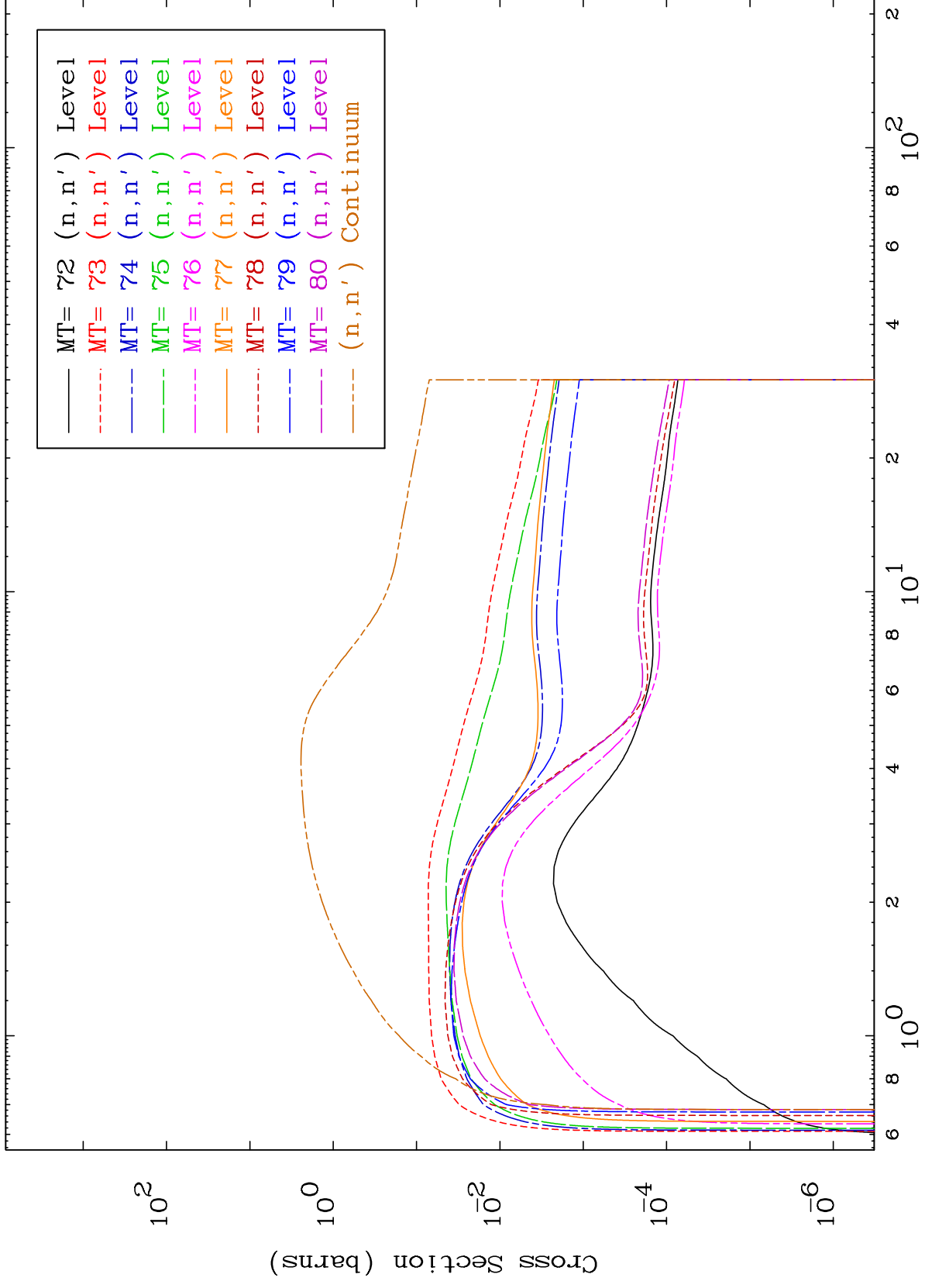
84-Po-217

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(n,n') Level

84-Po-217

293 Kelvin Cross Sections



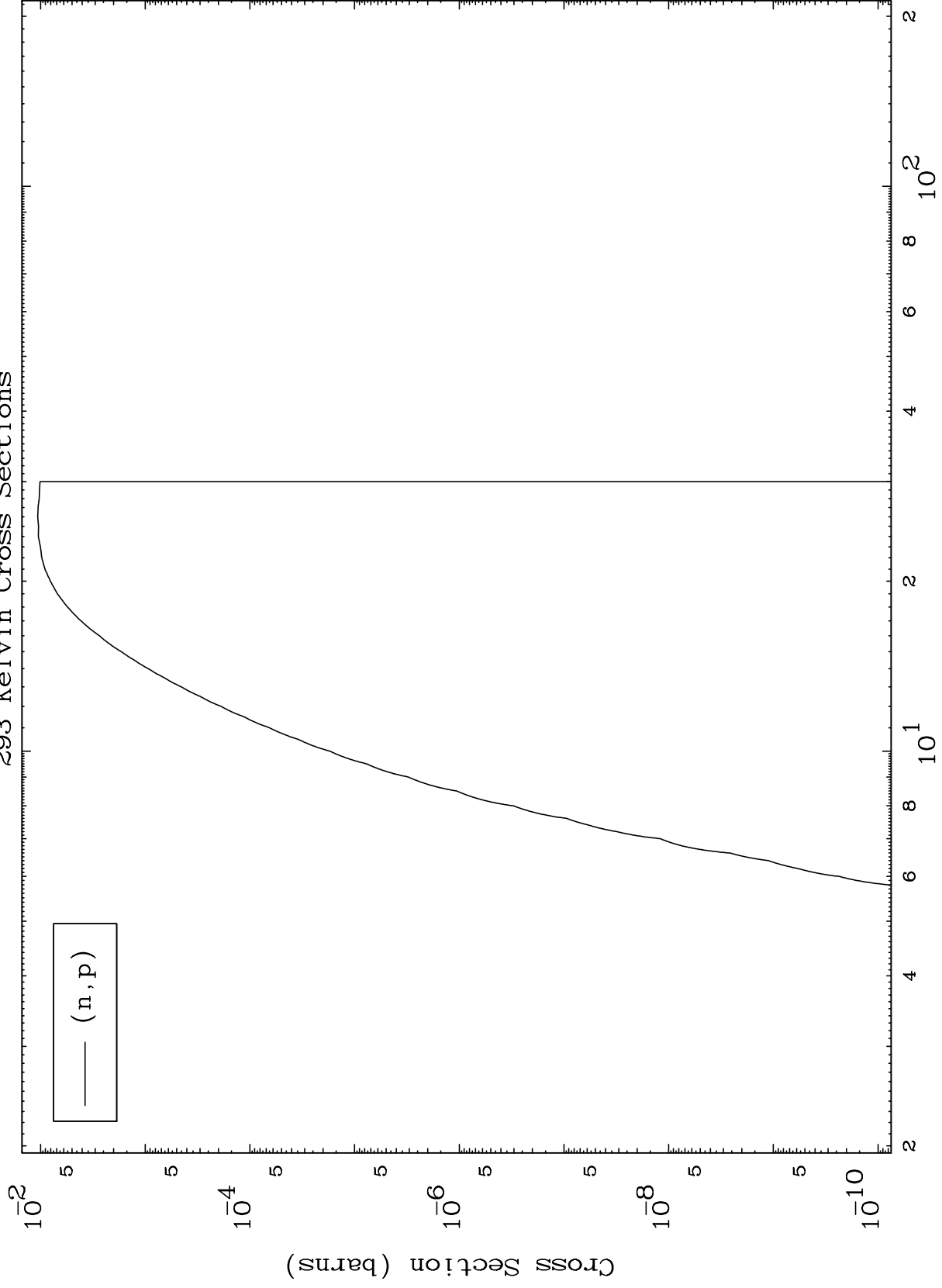
Incident Energy (MeV)

84-Po-217

MAT 8458

(n,p) Levels
293 Kelvin Cross Sections

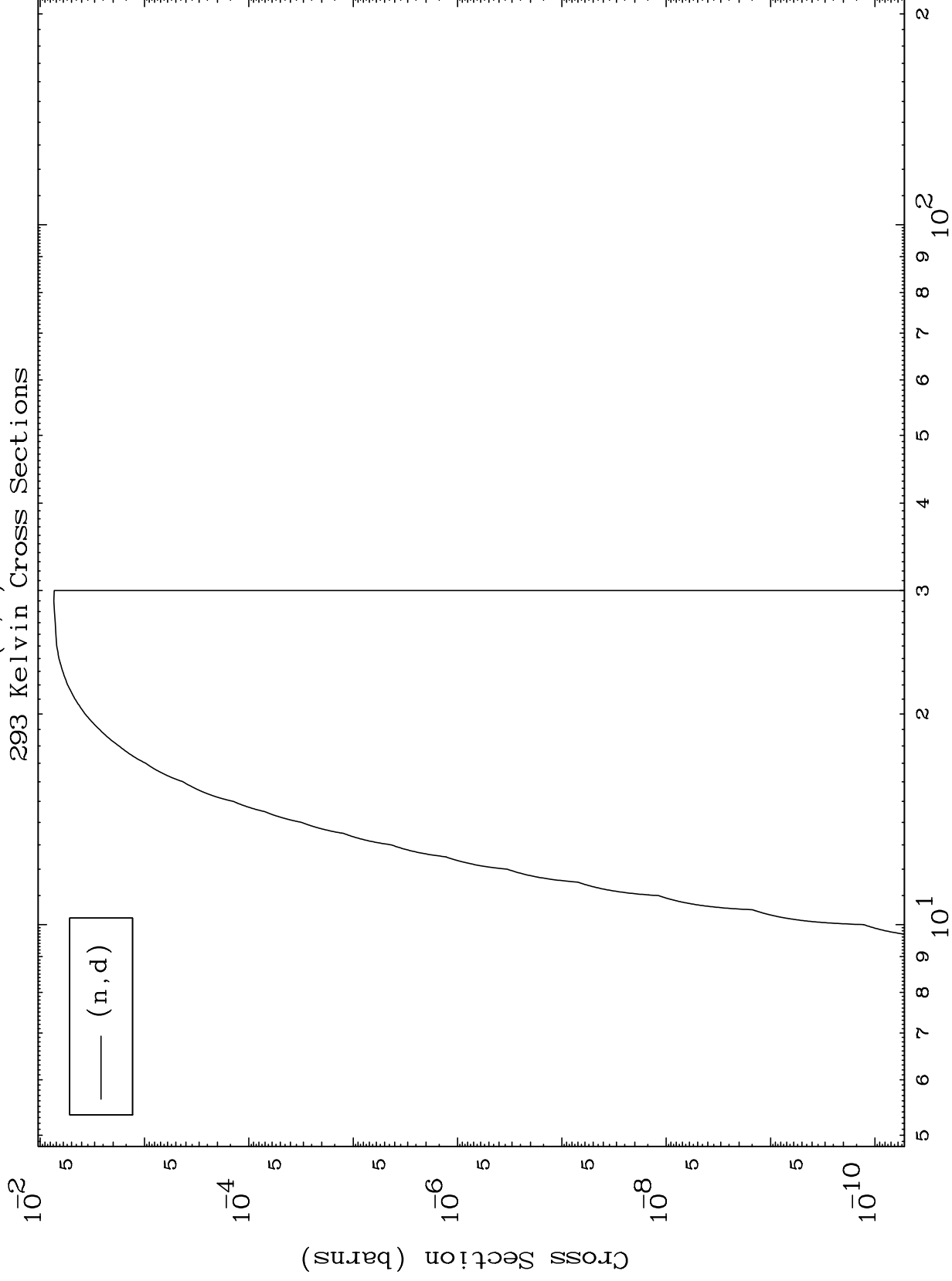
84-Po-217



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(n,d) Levels
293 Kelvin Cross Sections

84-Po-217



12

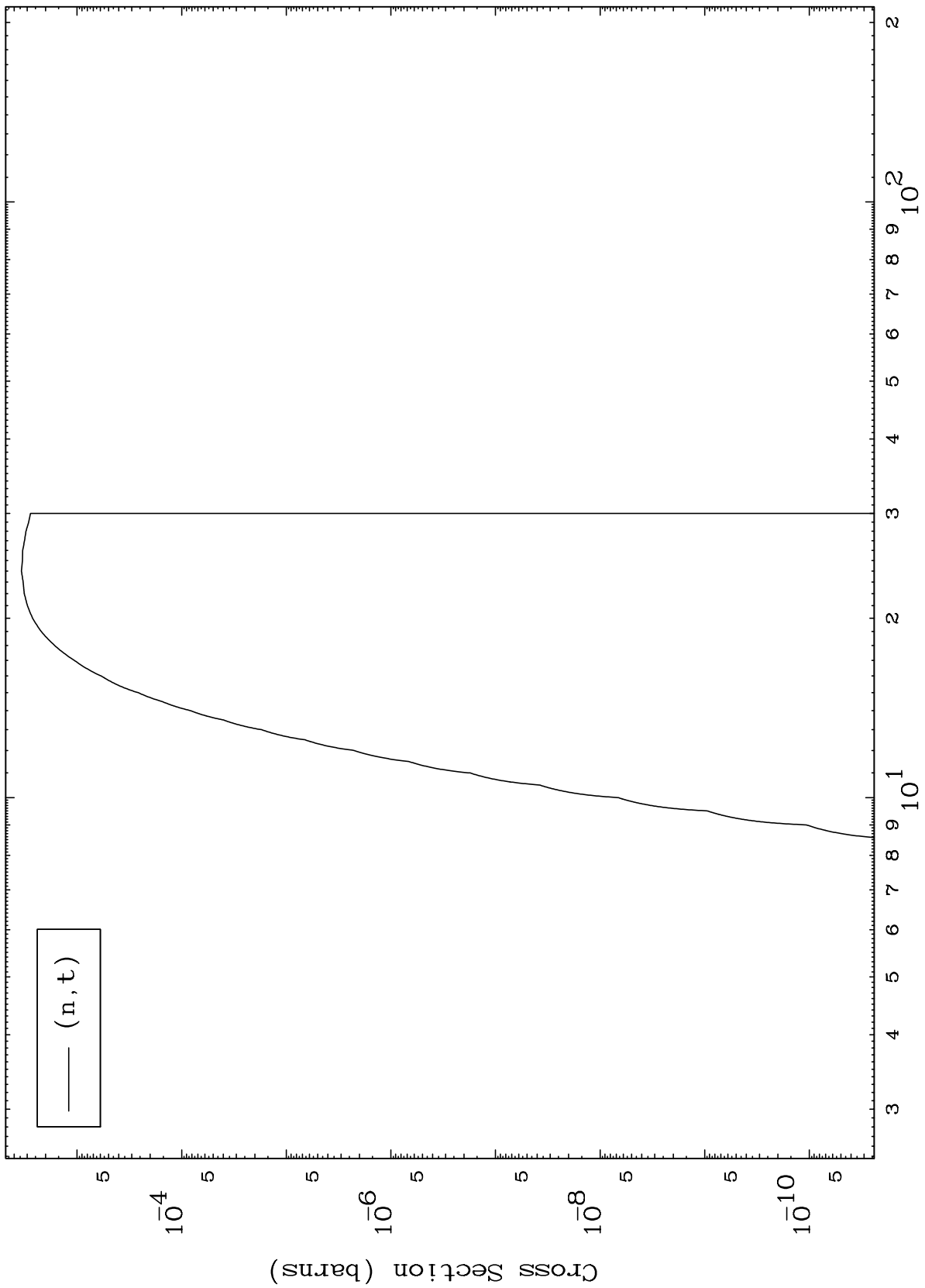
Incident Energy (MeV)

84-Po-217

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84-Po-217

(n,t) Levels
293 Kelvin Cross Sections



13

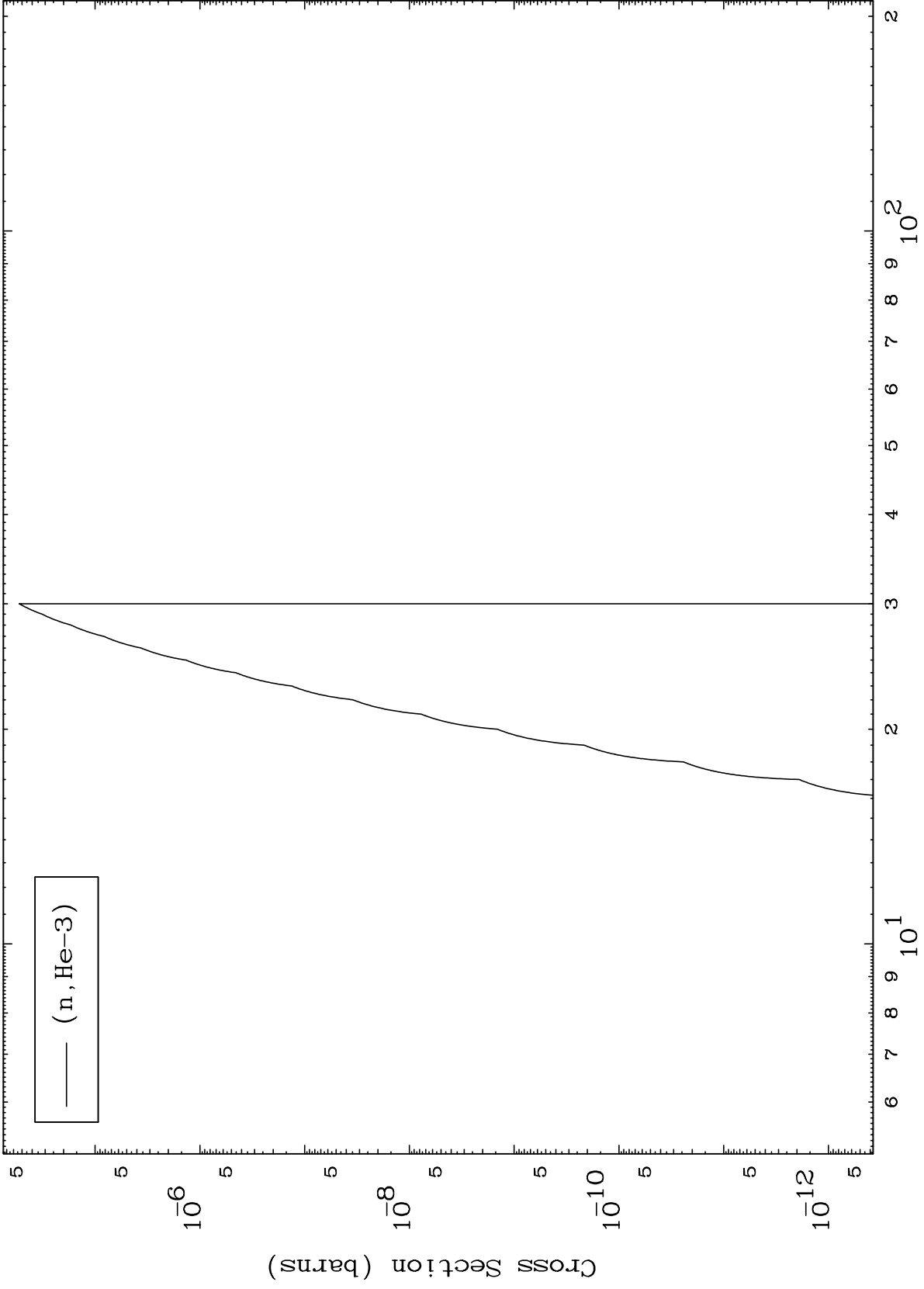
Incident Energy (MeV)

84-Po-217

MAT 8458

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-217



14

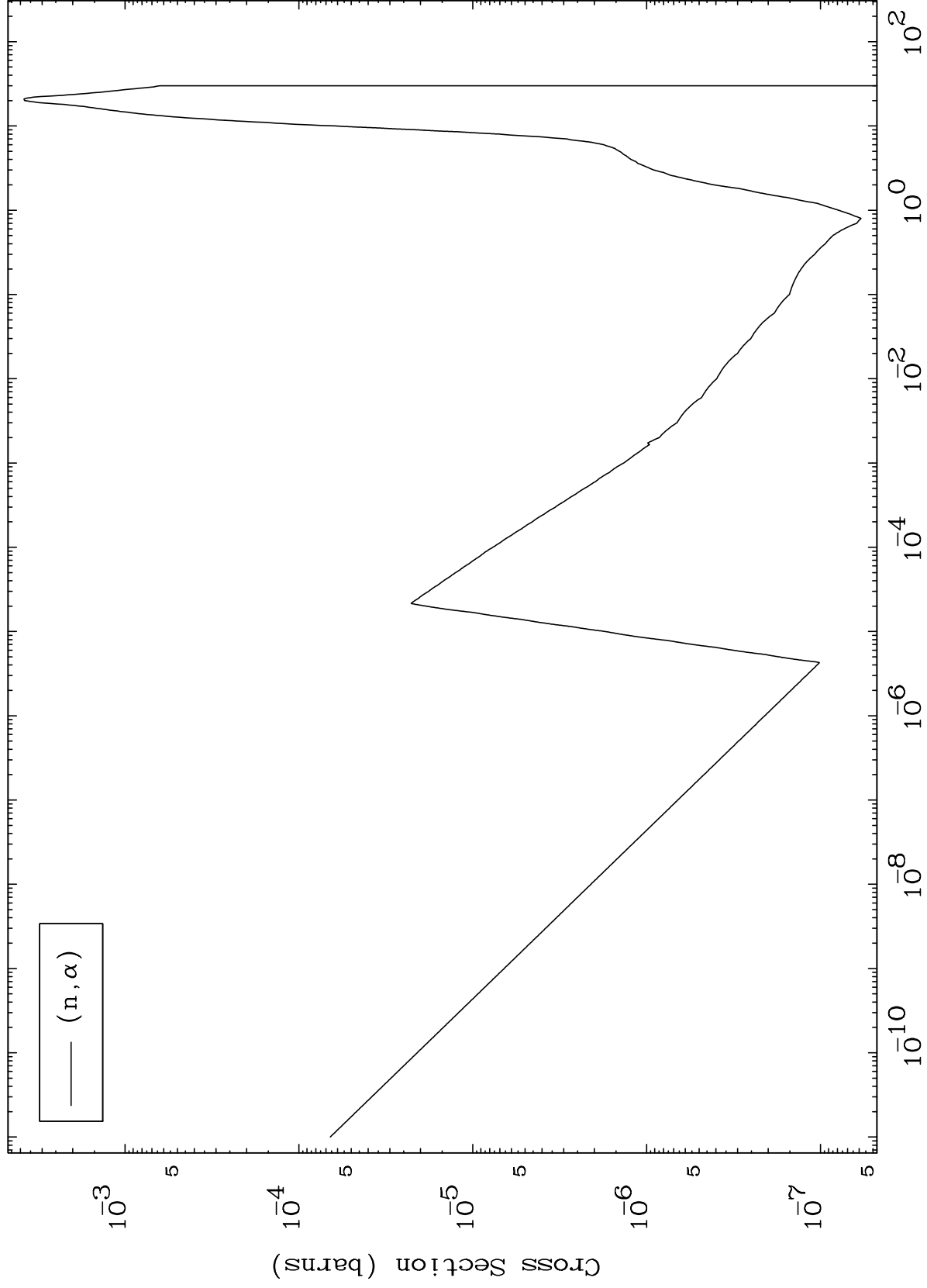
Incident Energy (MeV)

84-Po-217

MAT 8458

(n, α) Levels
293 Kelvin Cross Sections

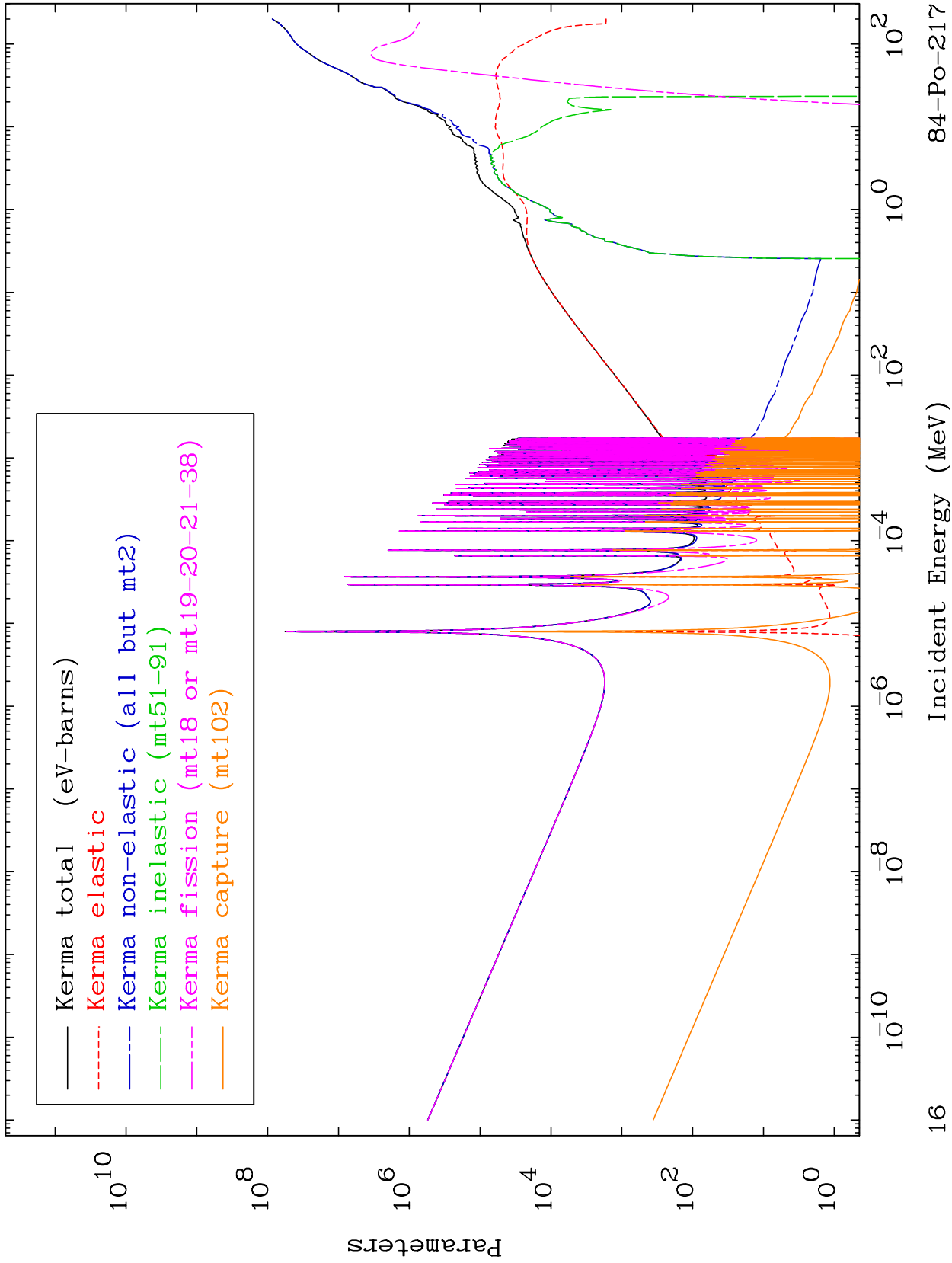
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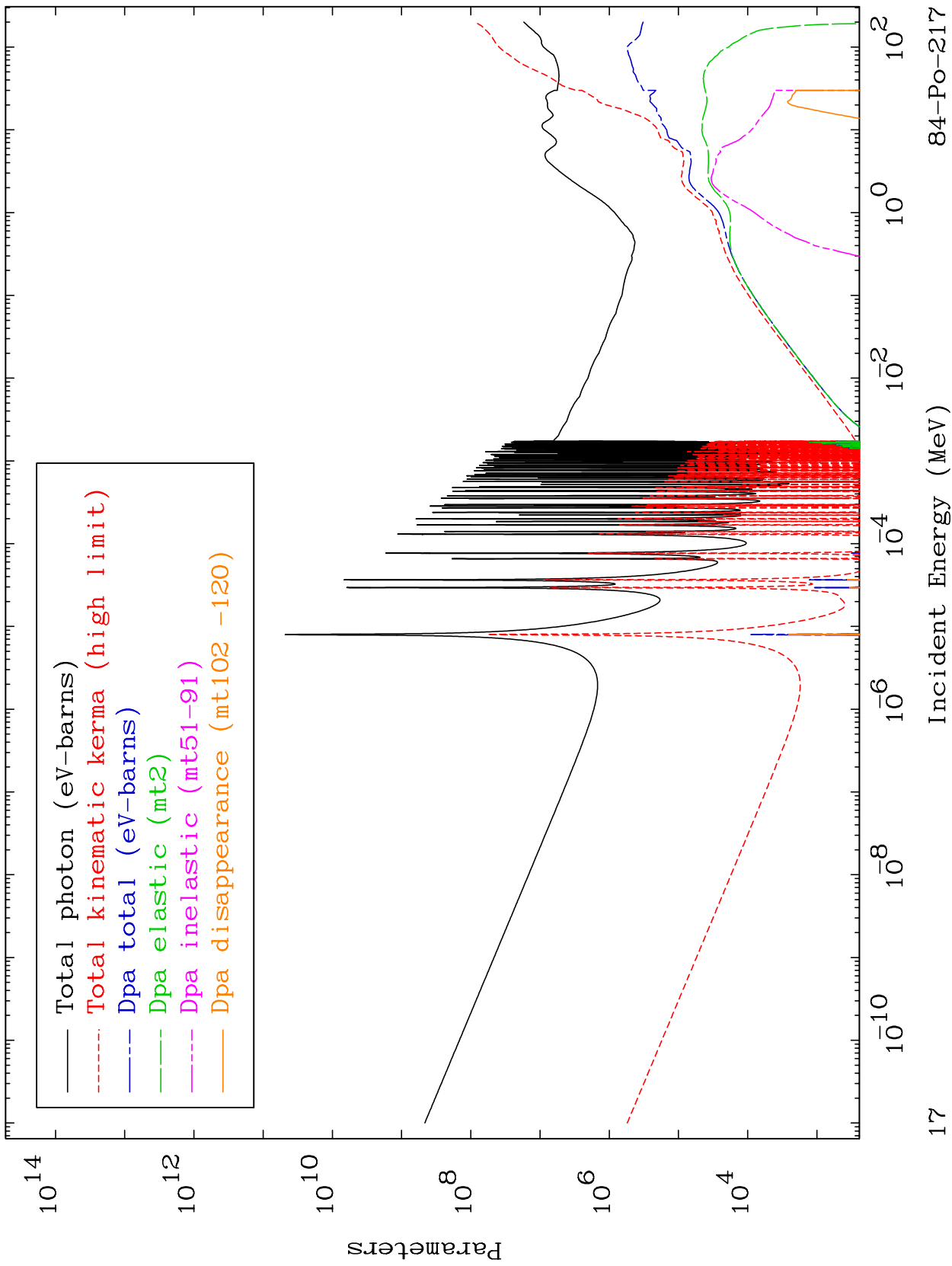


15

Incident Energy (MeV)

84-Po-217

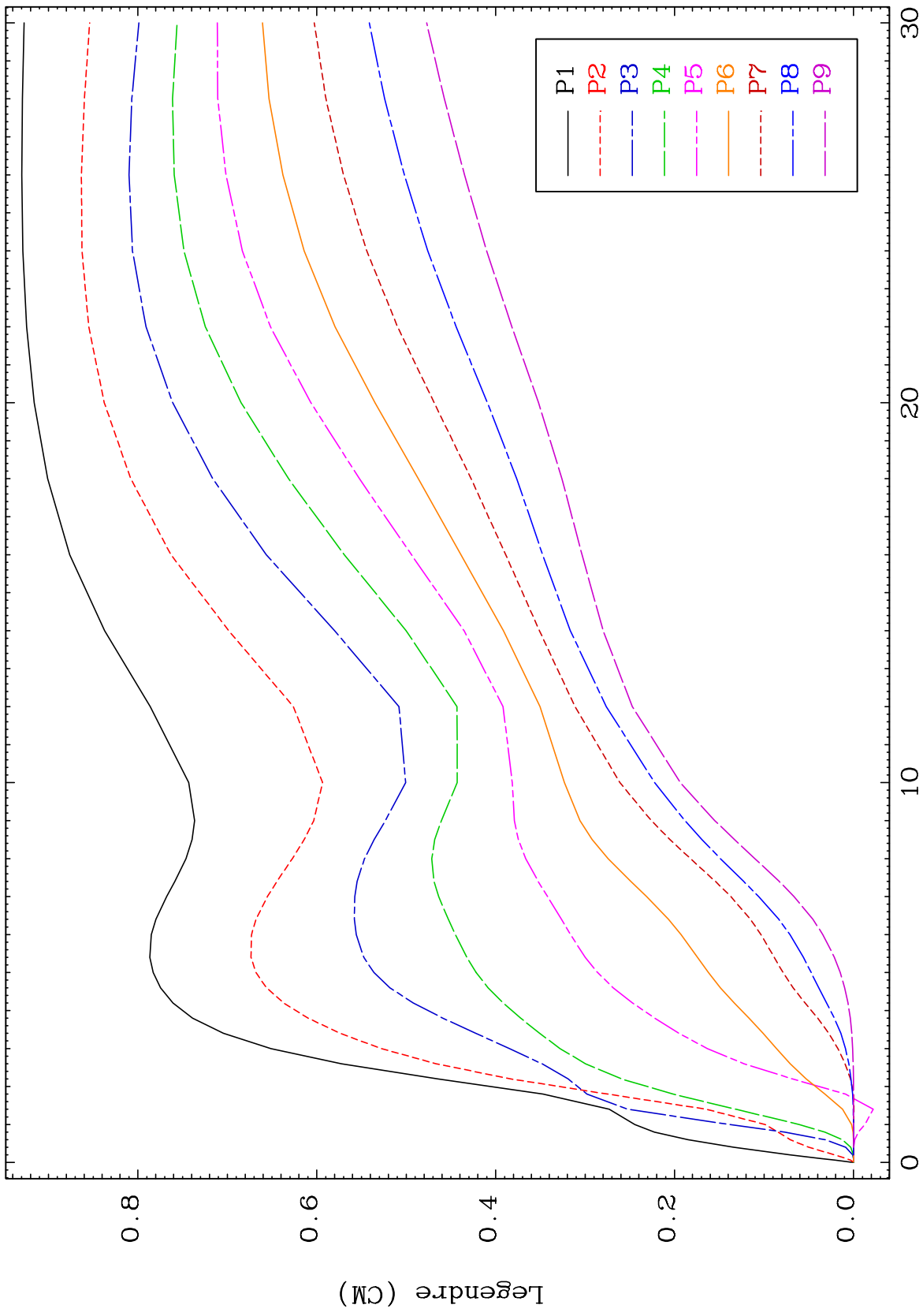




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84-Po-217

Elastic Legendre Coefficients



84-Po-217

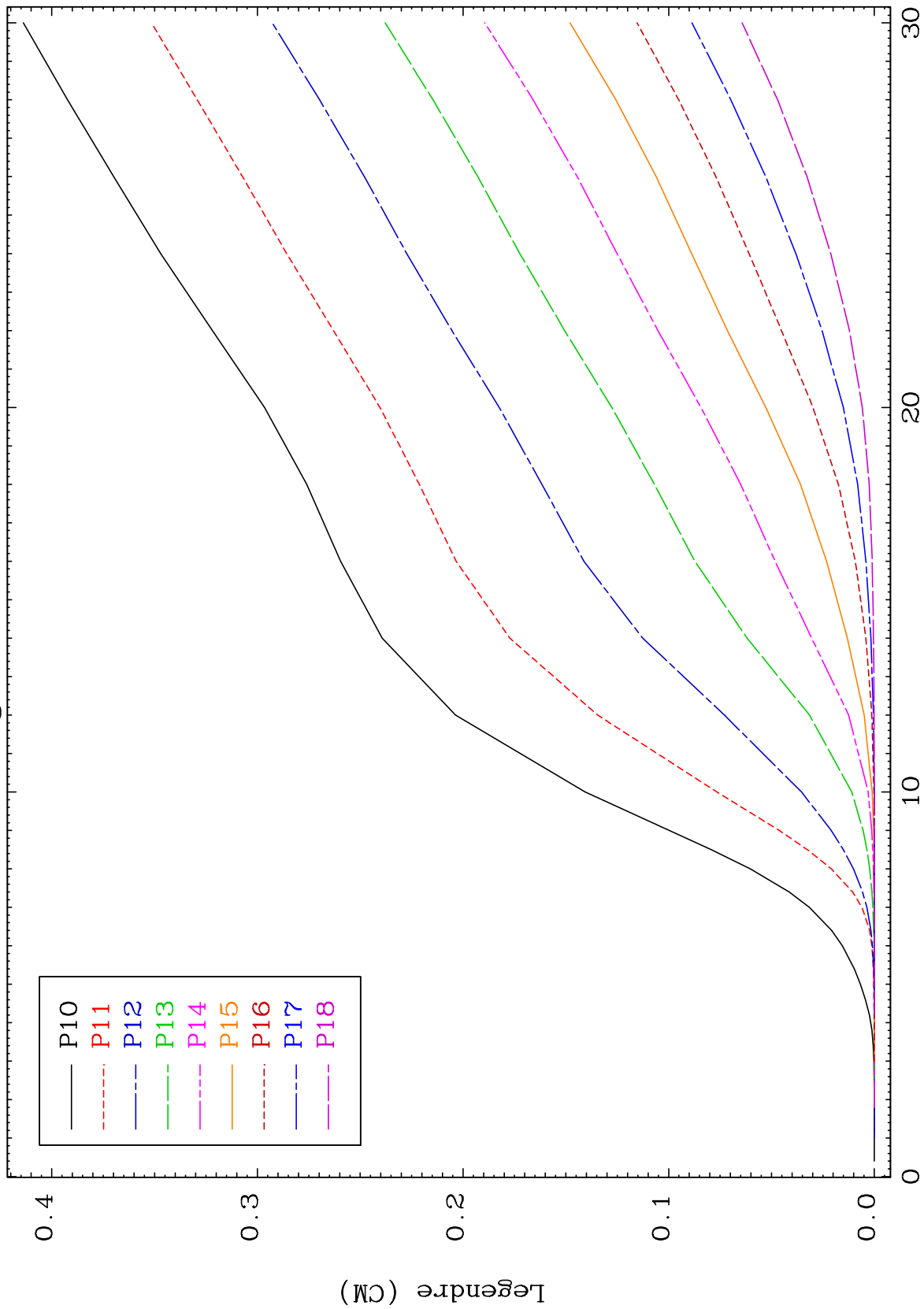
Incident Energy (MeV)

18

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Elastic Legendre Coefficients

84-Po-217



19

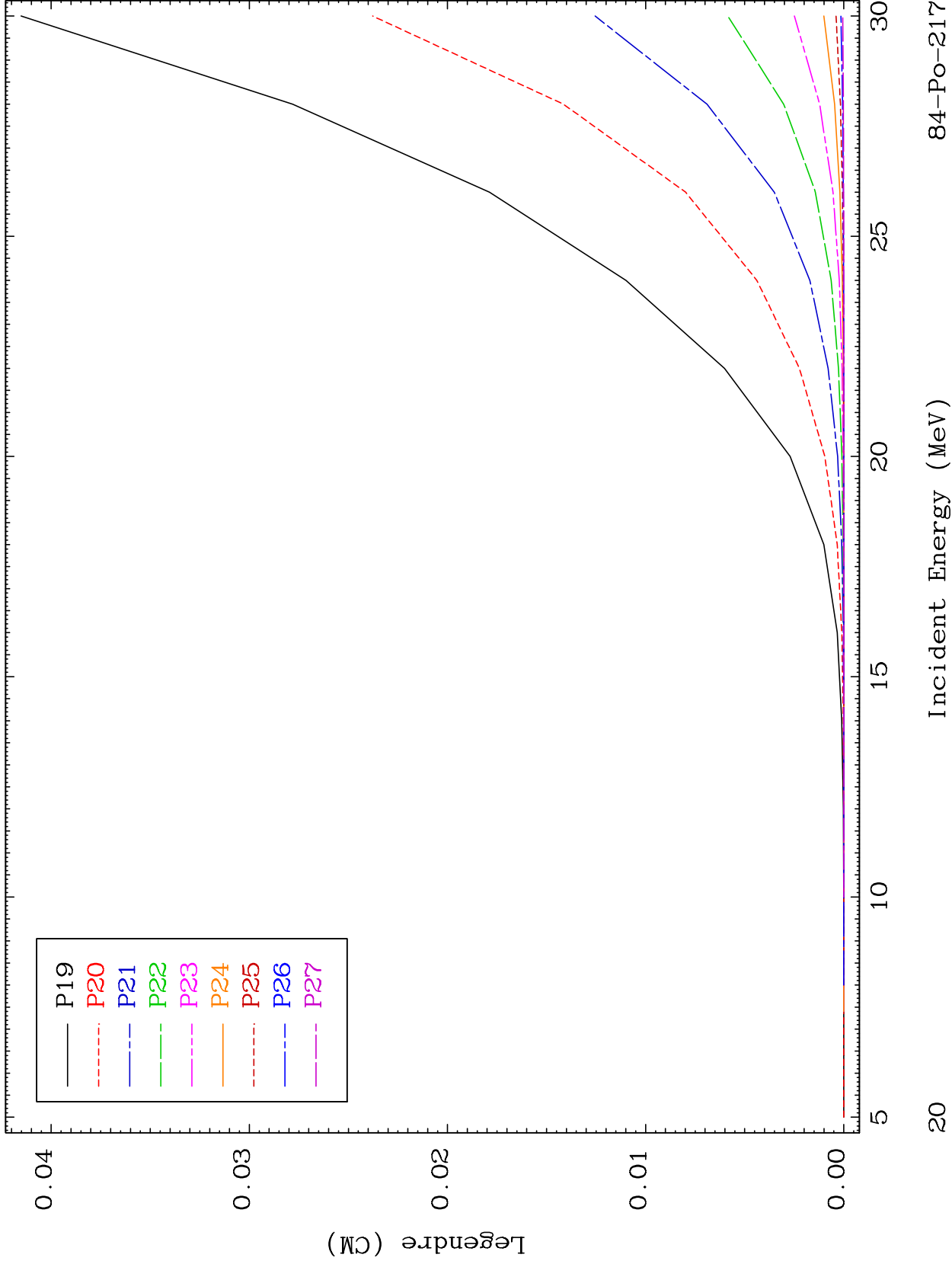
Incident Energy (MeV)

84-Po-217

MAT 8458

Elastic Legendre Coefficients

84-Po-217



84-Po-217

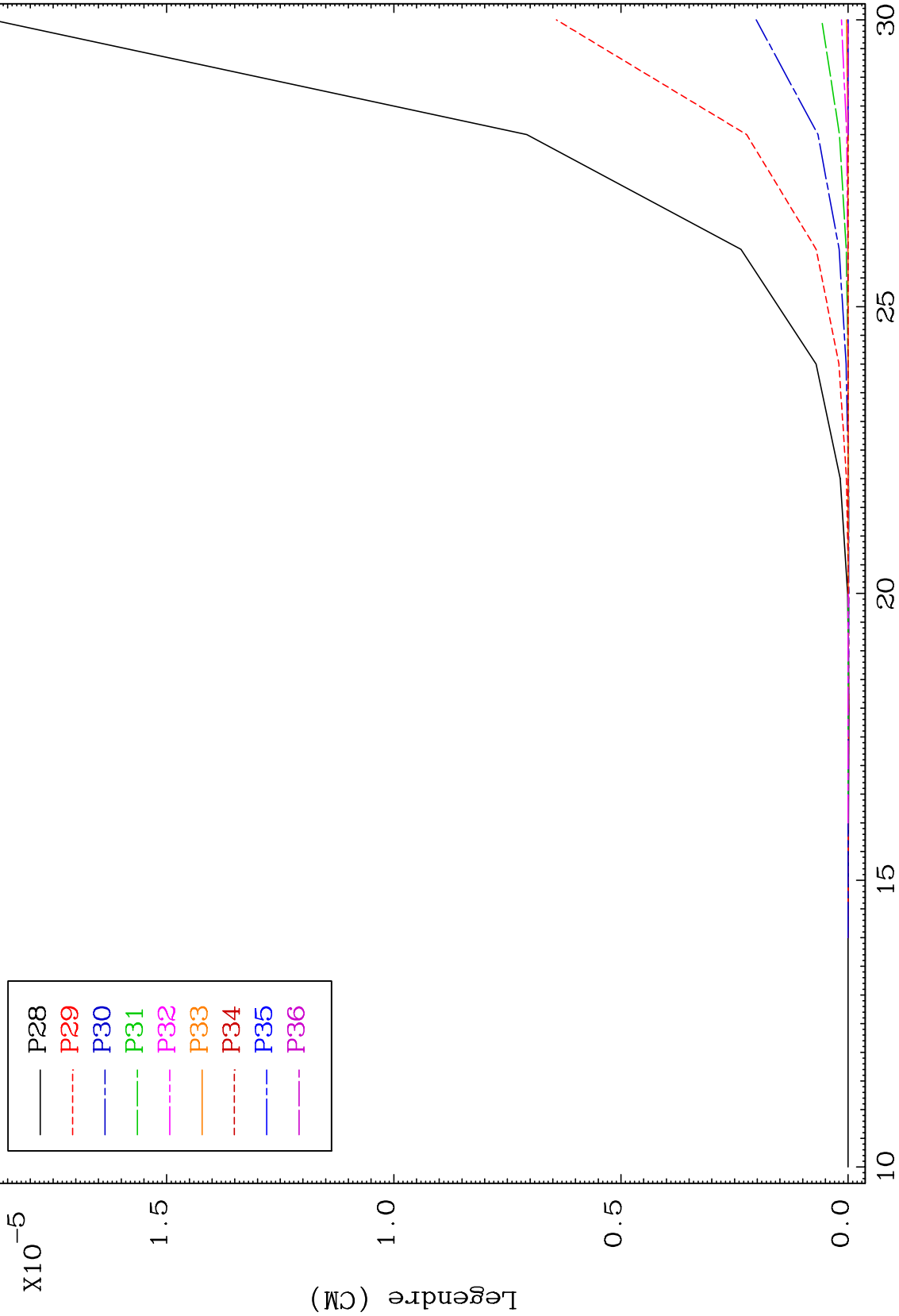
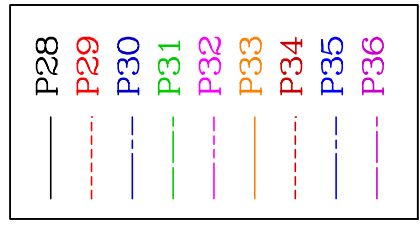
Incident Energy (MeV)

20

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Elastic Legendre Coefficients

84-Po-217



21

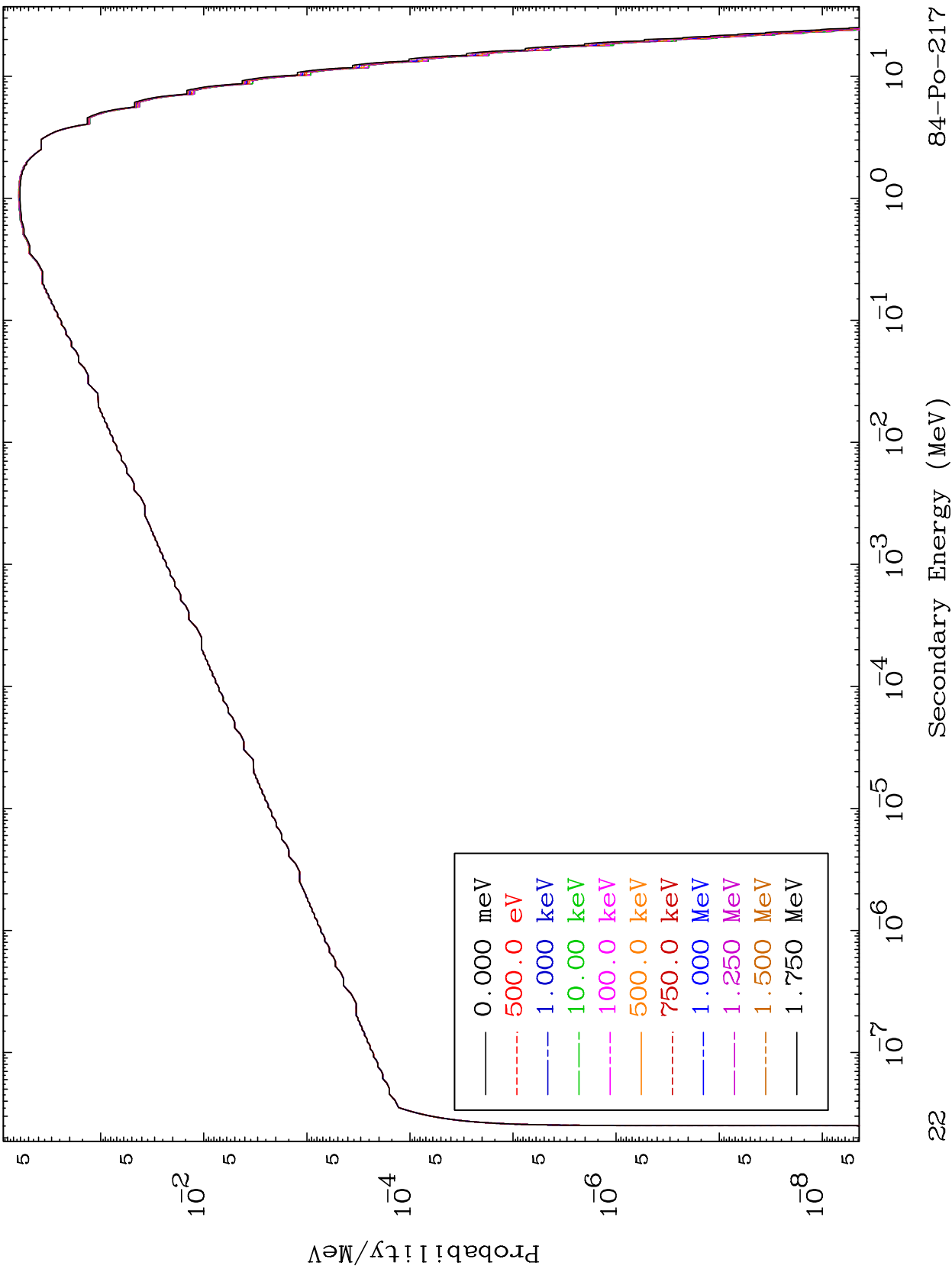
Incident Energy (MeV)

84-Po-217

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Fission Energy Distribution

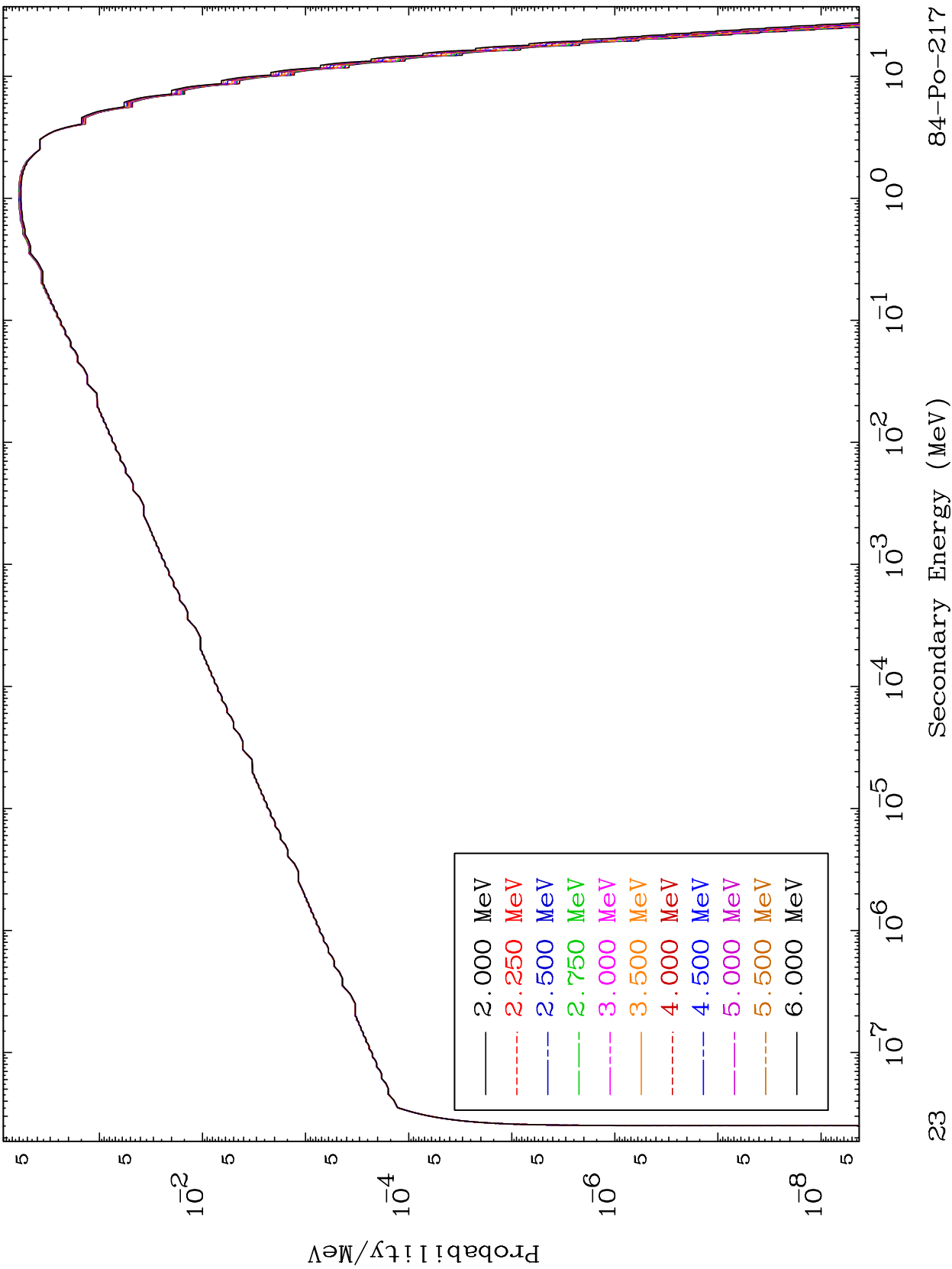
84-Po-217



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Fission Energy Distribution

84-Po-217



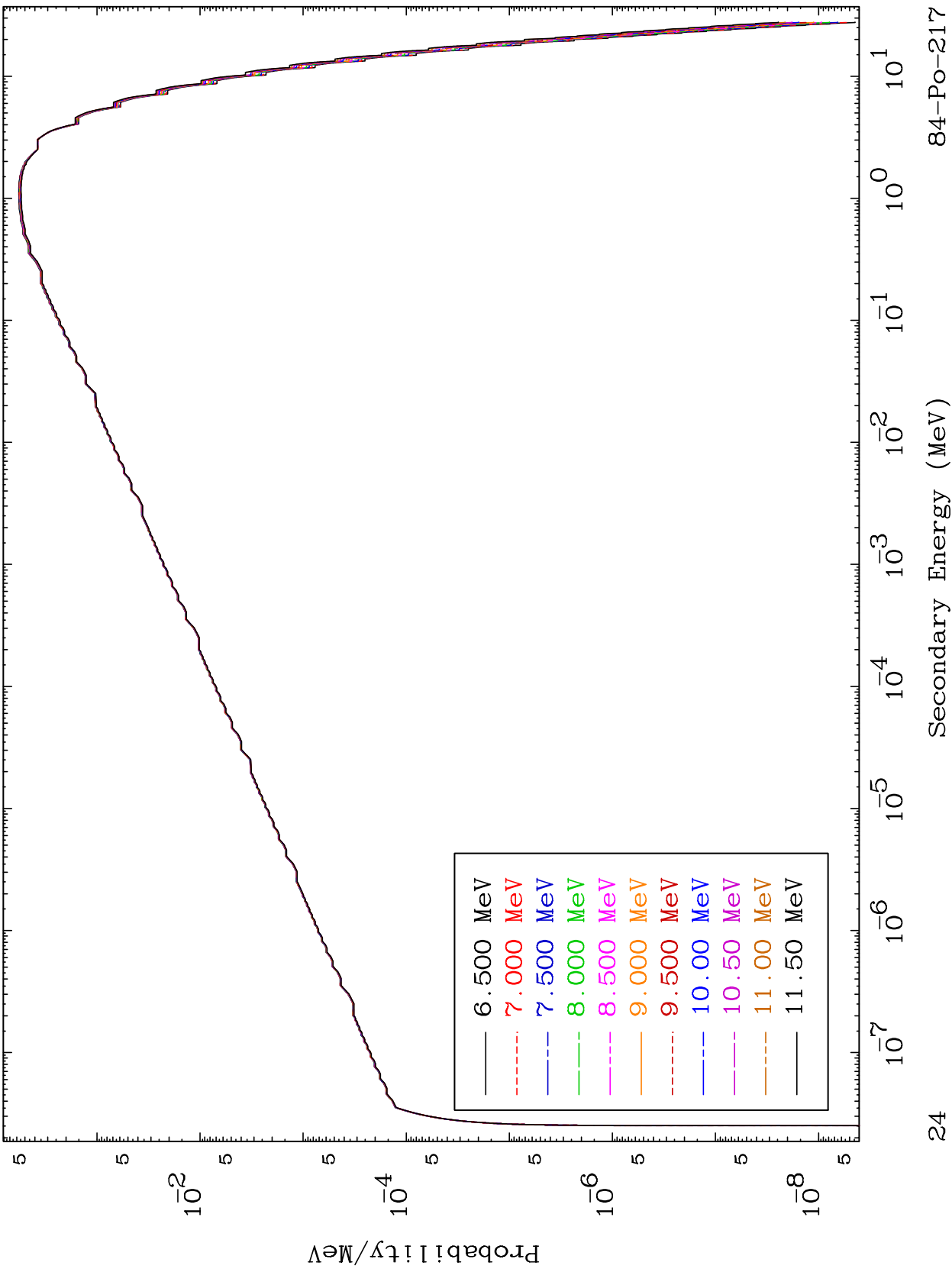
84-Po-217

Secondary Energy (MeV)

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Fission Energy Distribution

84-Po-217

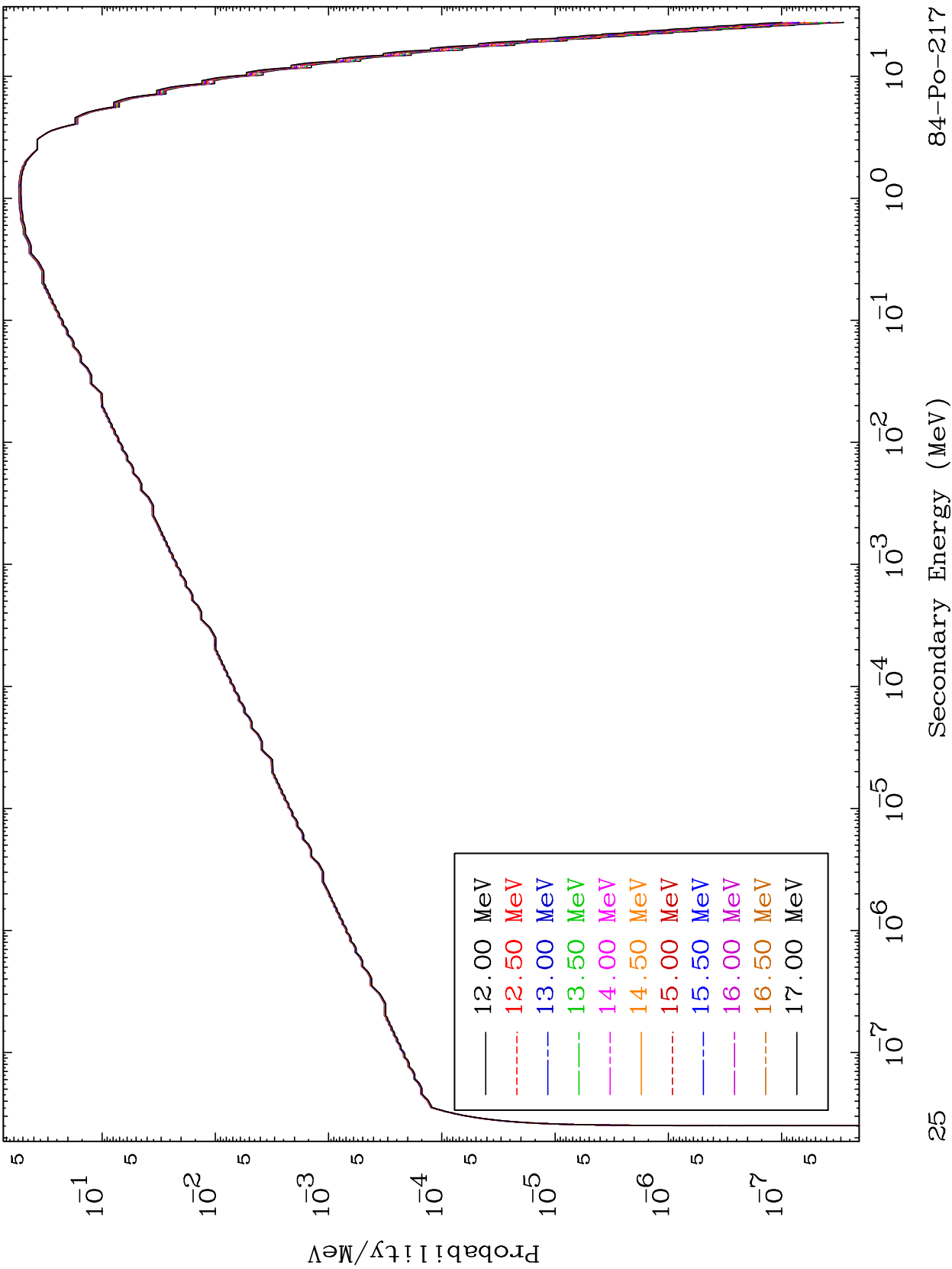


84-Po-217

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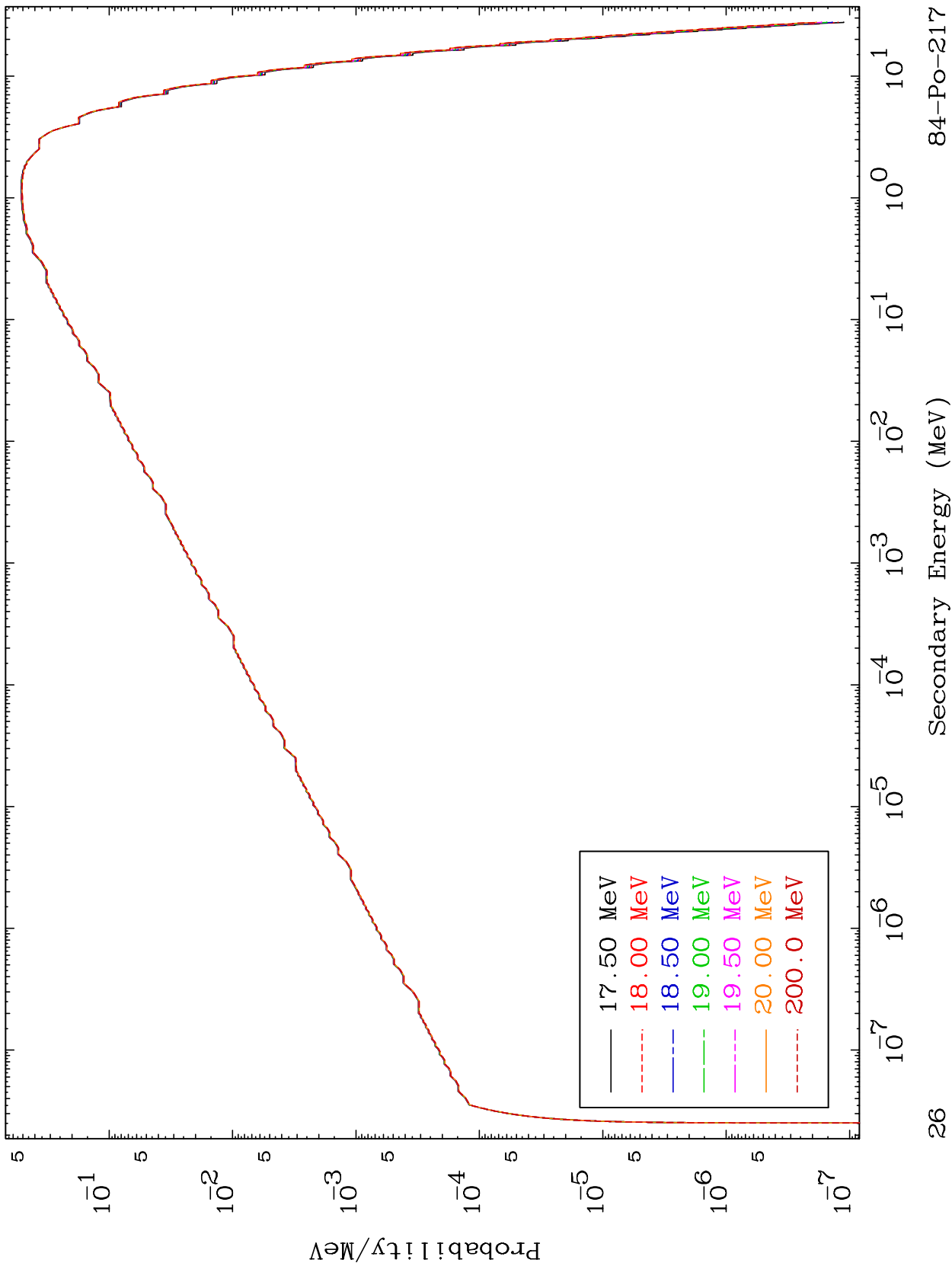
Fission Energy Distribution

84-Po-217



84-Po-217

Fission
Energy Distribution

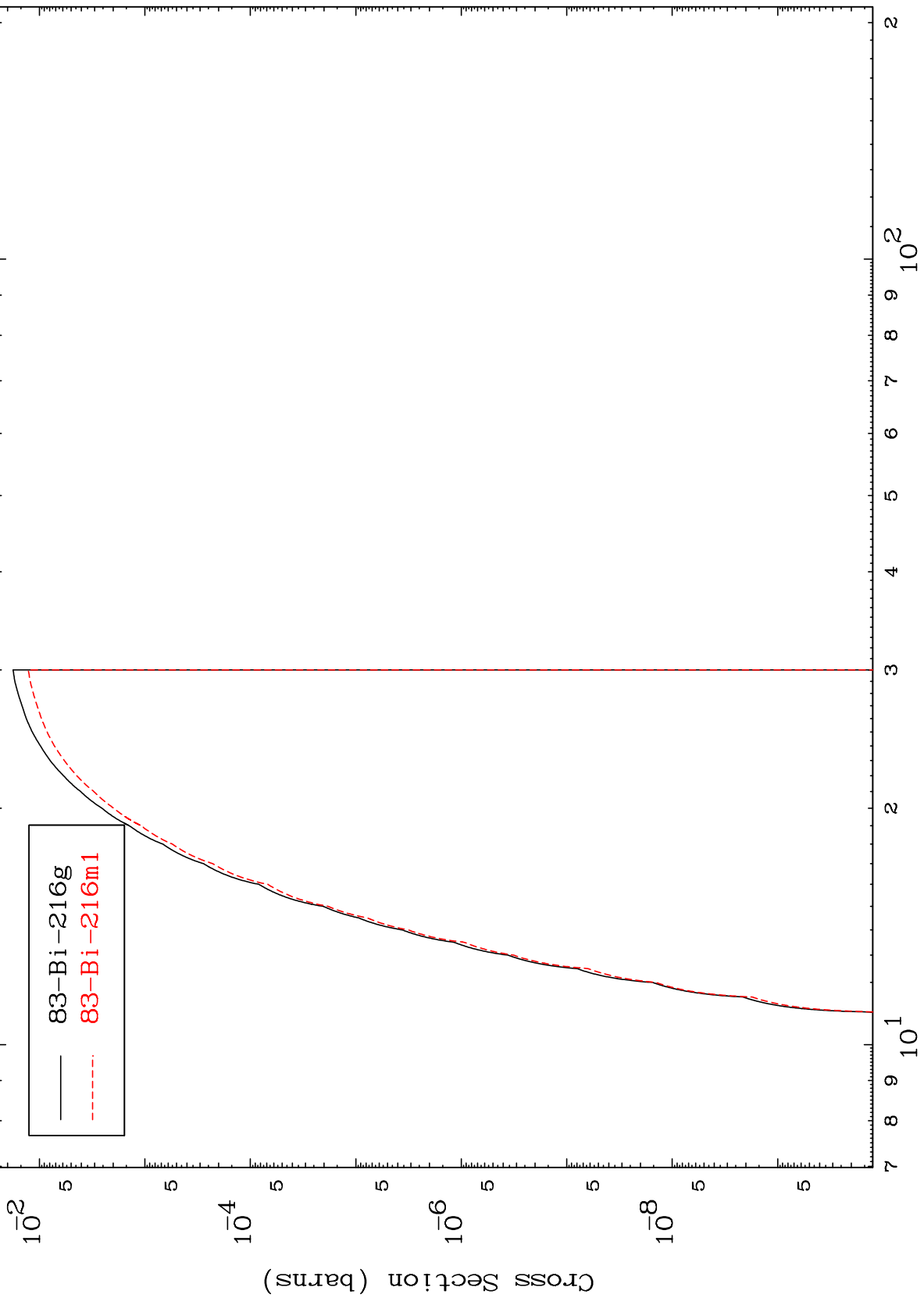


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(n,n') p

84-Po-217

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

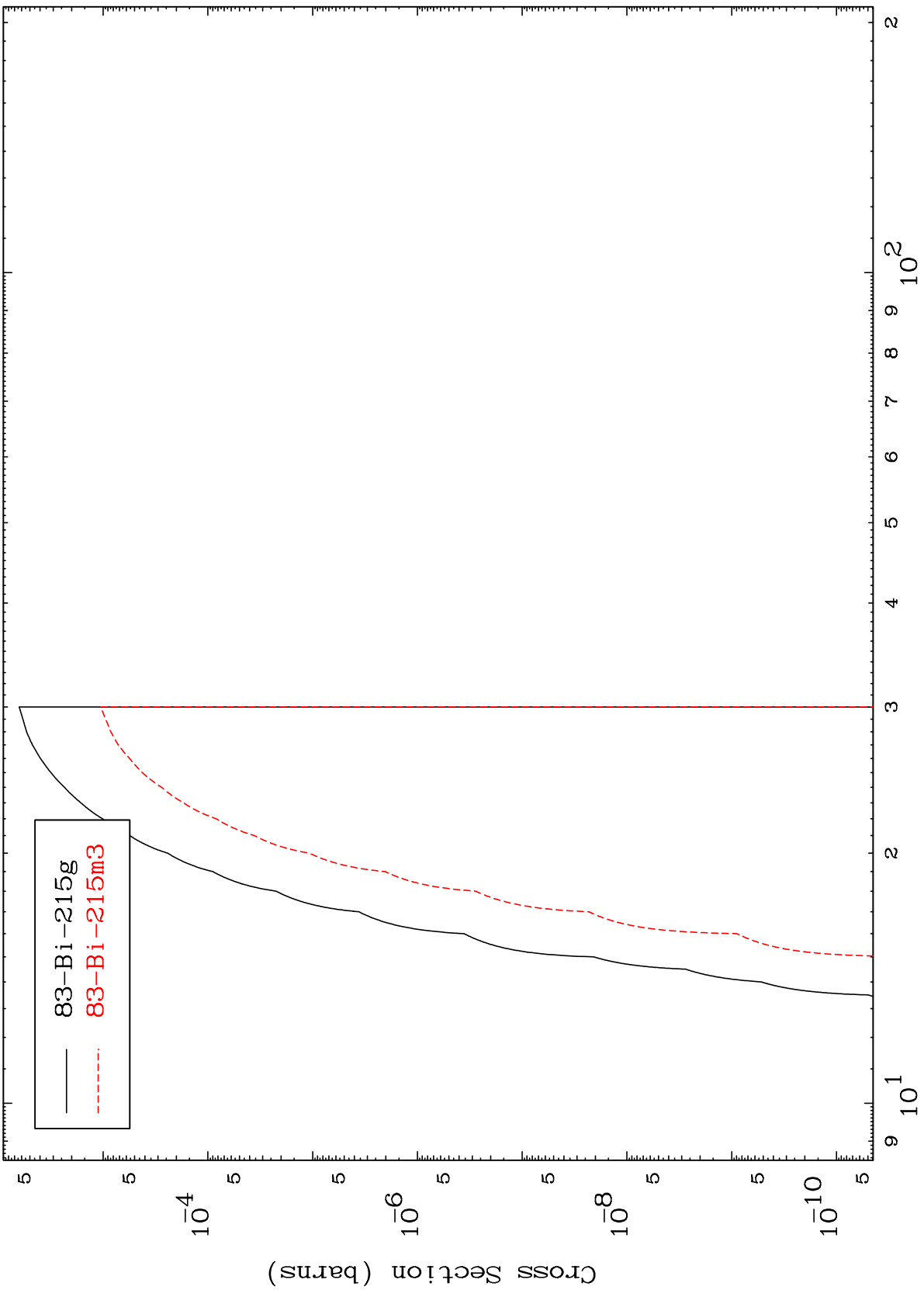
84-Po-217

MAT 8458

(n,n') d

84-Po-217

Radionuclide Production Cross Section

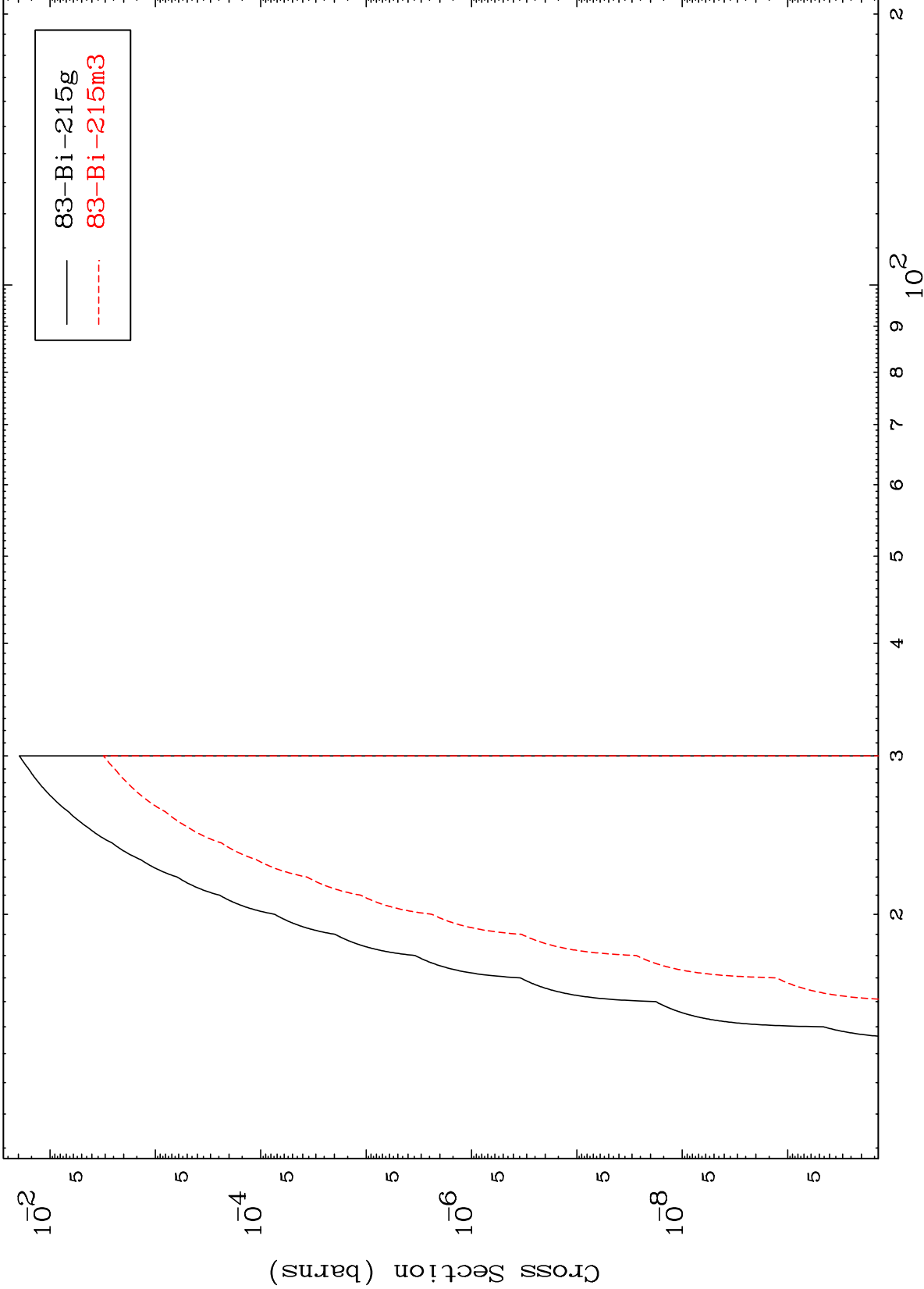


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Incident Energy (MeV)

84-Po-217

Radionuclide Production Cross Section

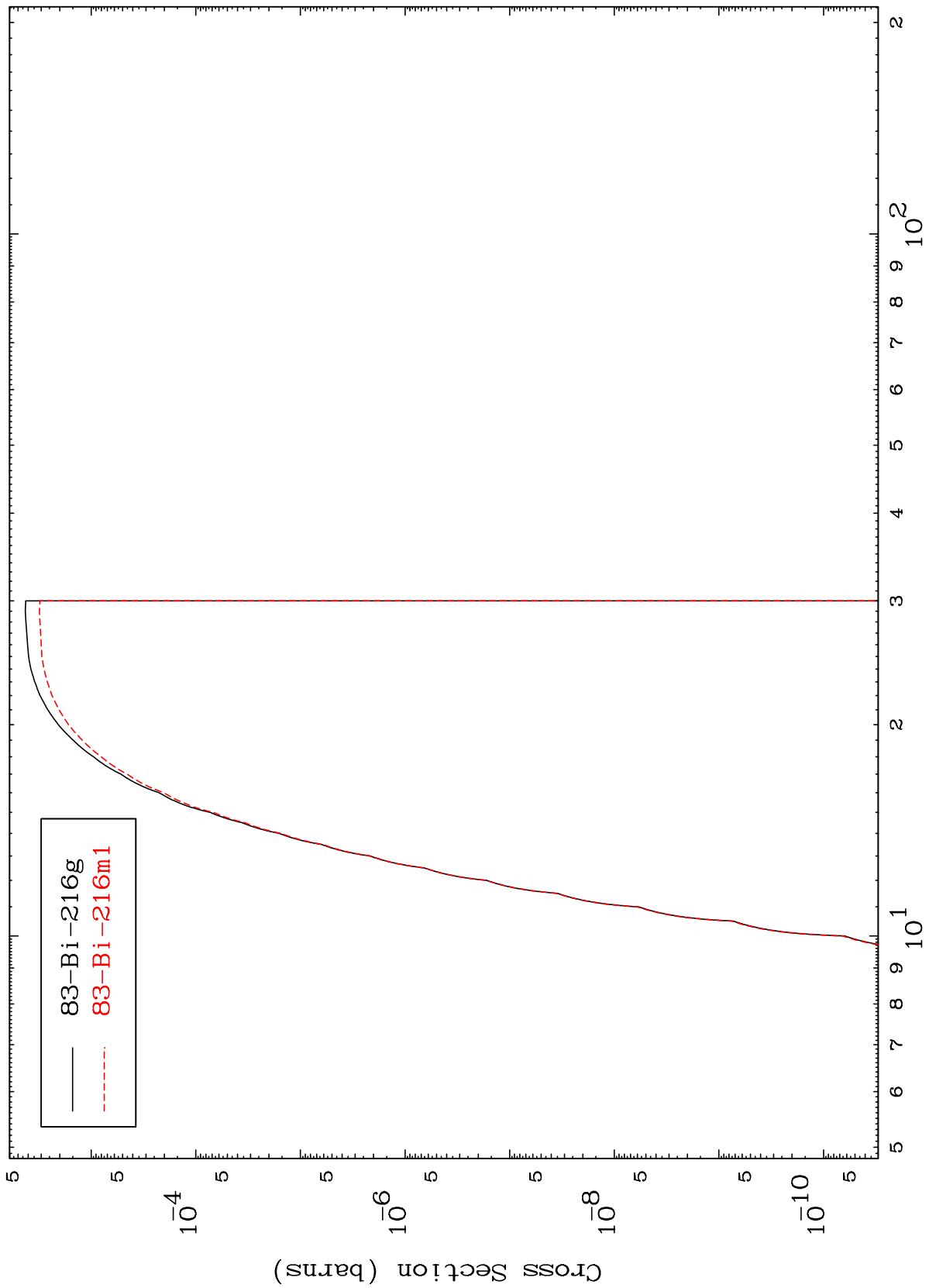


83-Bi - 215g
83-Bi - 215m3

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84-Po-217

(n,d)
Radionuclide Production Cross Section



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

30

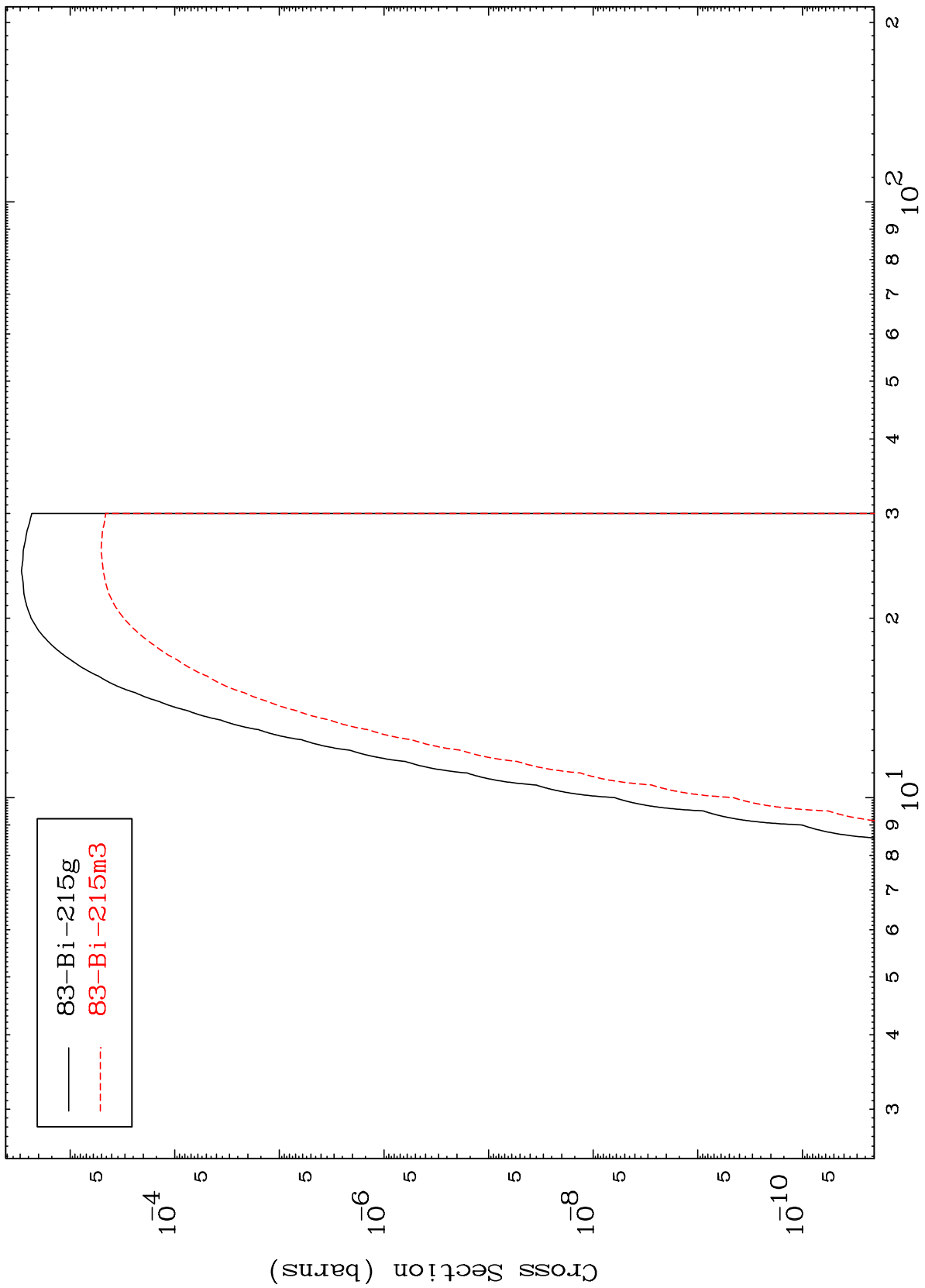
Incident Energy (MeV)

84-Po-217

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84-Po-217

(n,t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

84-Po-217