

Program EVALPLOT
(Version 2018-1)

by

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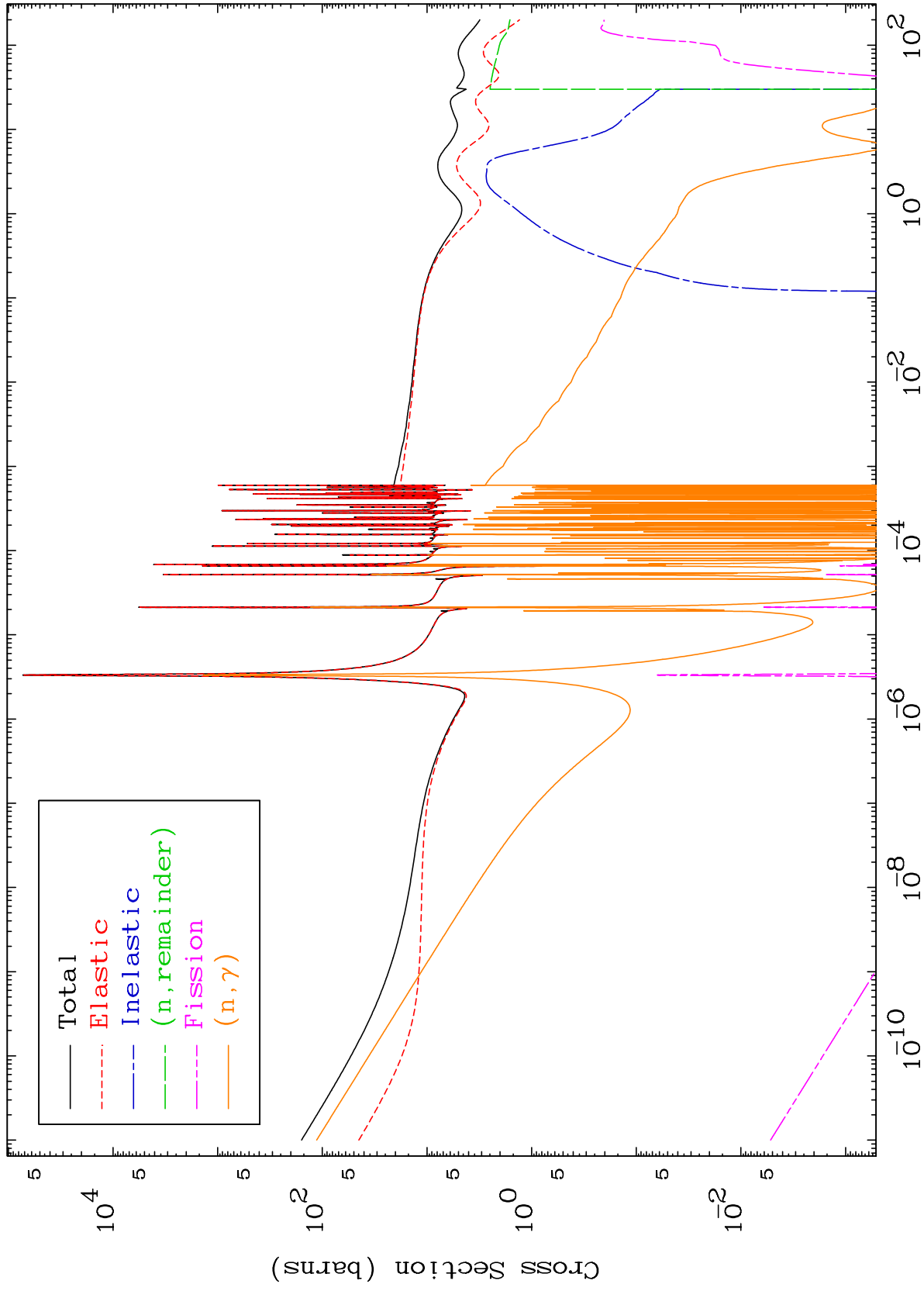
Press Mouse Button to Start

MAT 8464

Major

84-Po-219

293 Kelvin Cross Sections



1

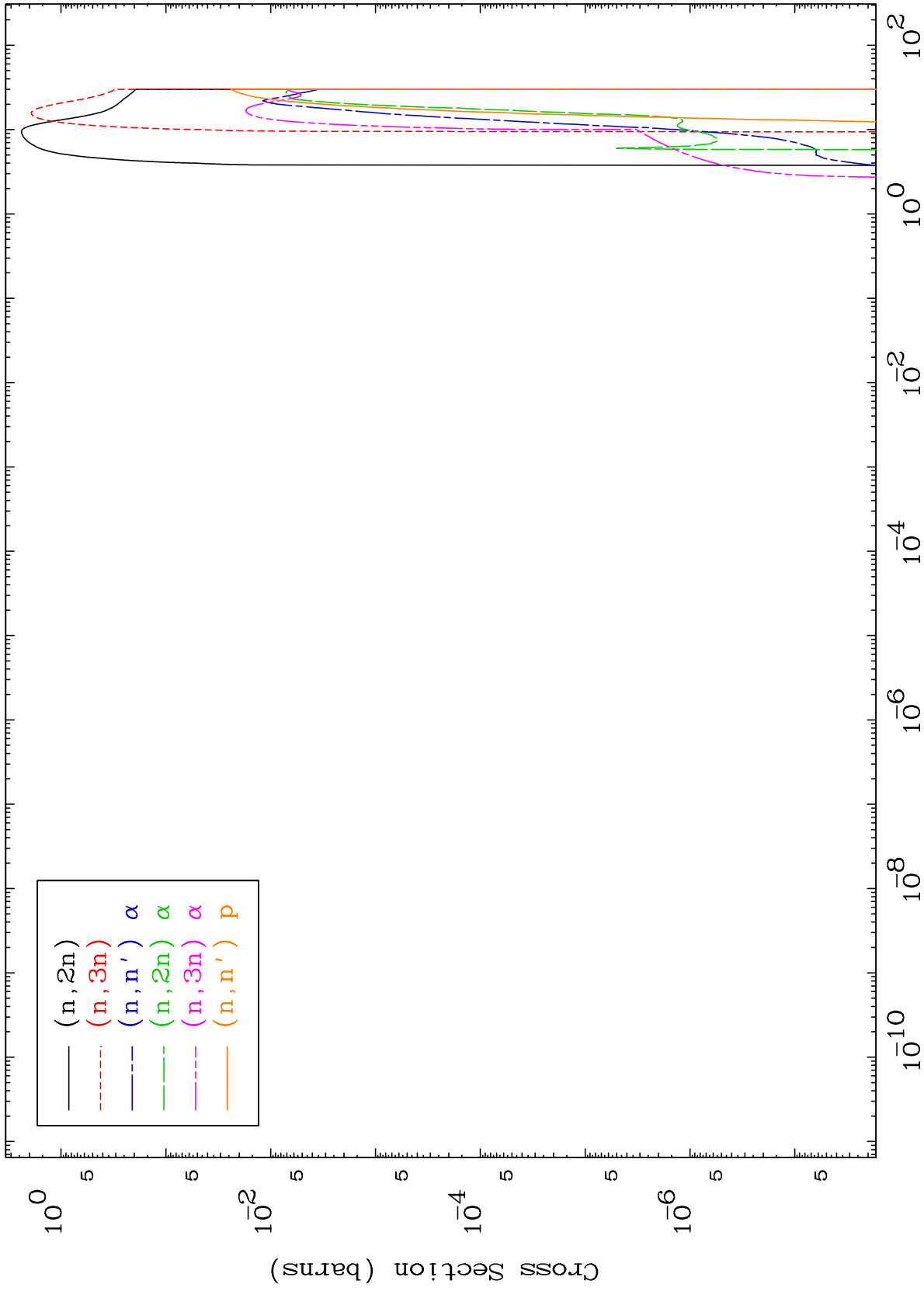
Incident Energy (MeV)

84-Po-219

MAT 8464

Neutron Production
293 Kelvin Cross Sections

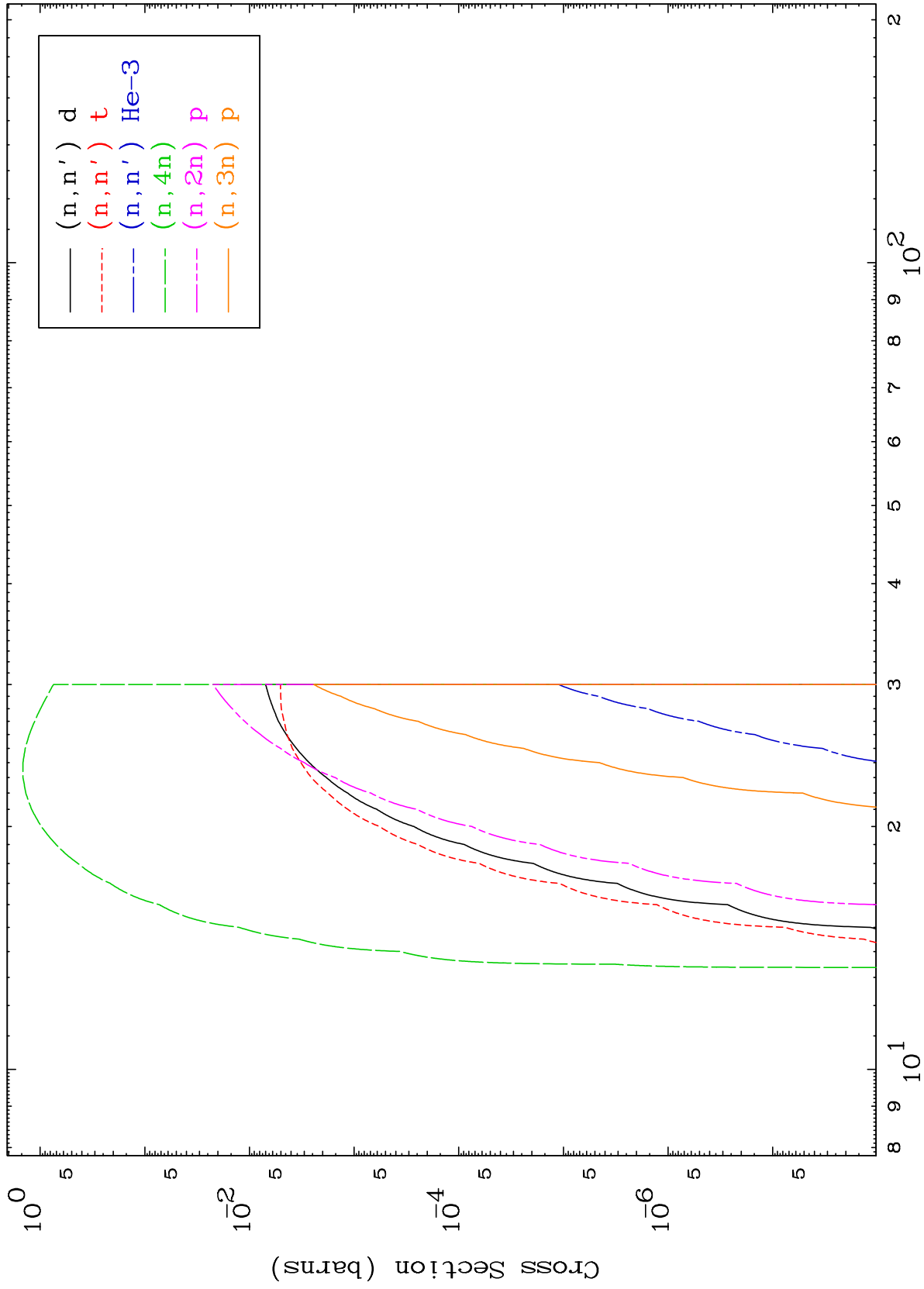
84-Po-219



2

Incident Energy (MeV)

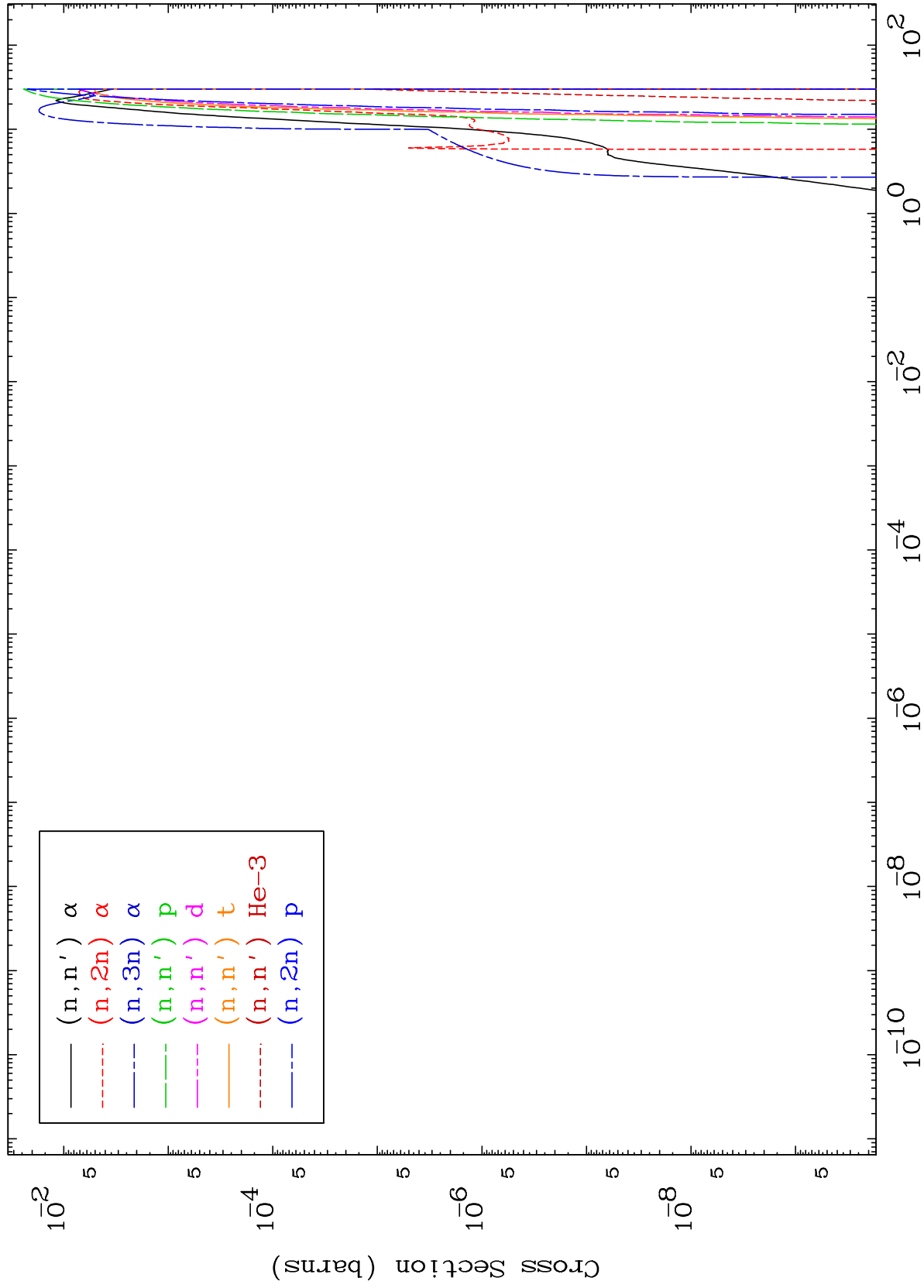
84-Po-219



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Charged Particle
293 Kelvin Cross Sections

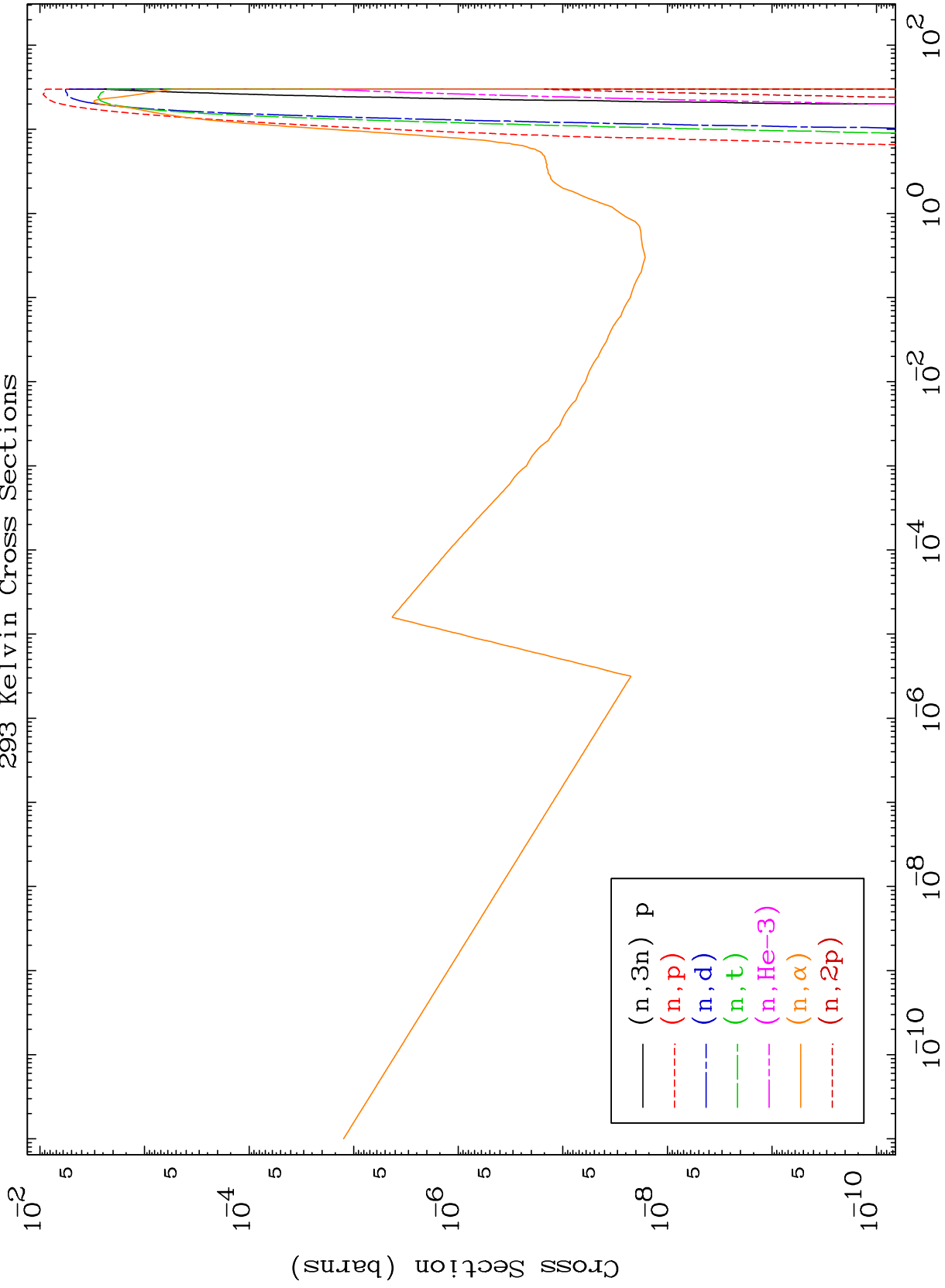
84-Po-219



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293 Kelvin Cross Sections

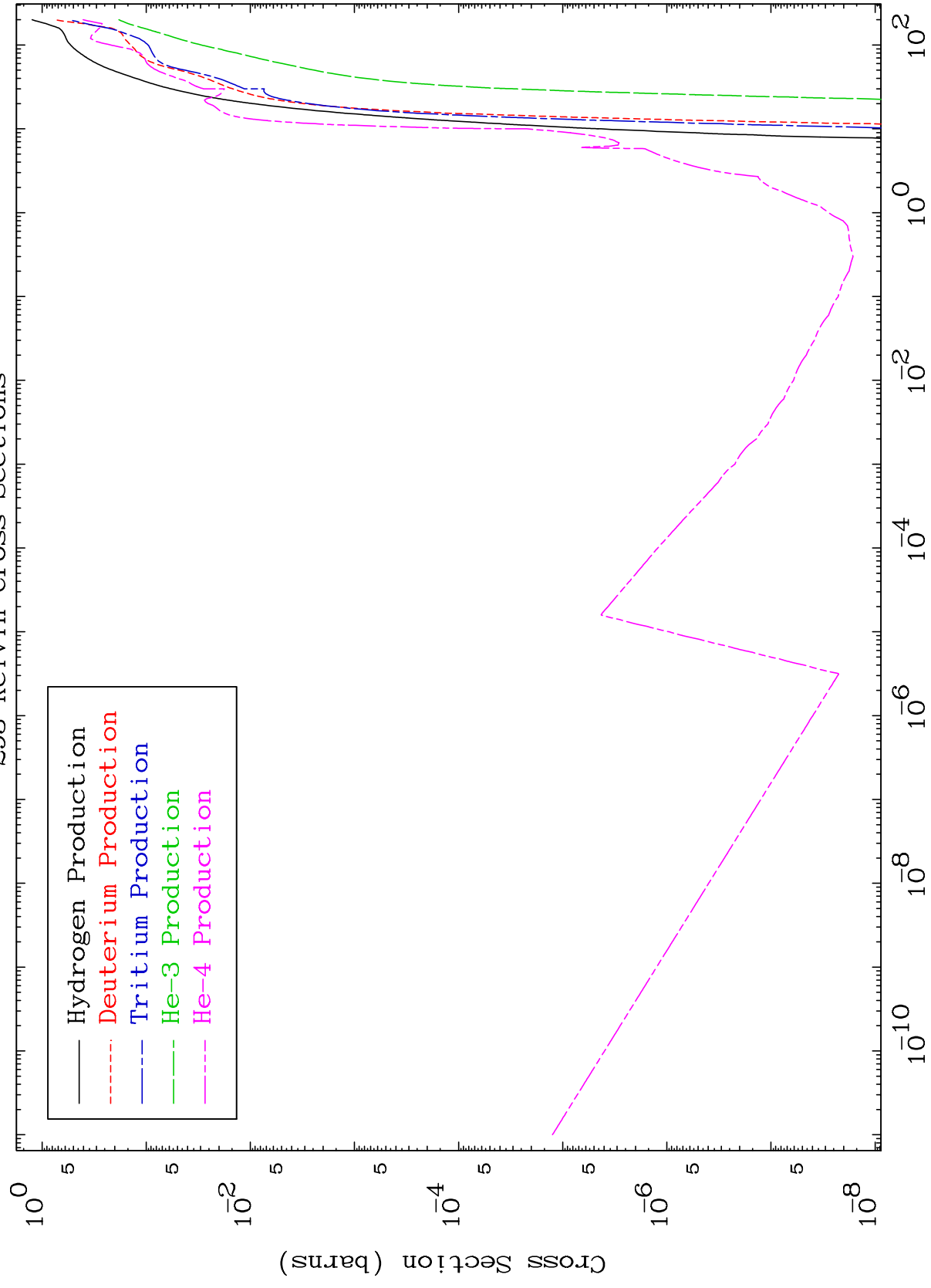
84-Po-219



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Particle Production
293 Kelvin Cross Sections

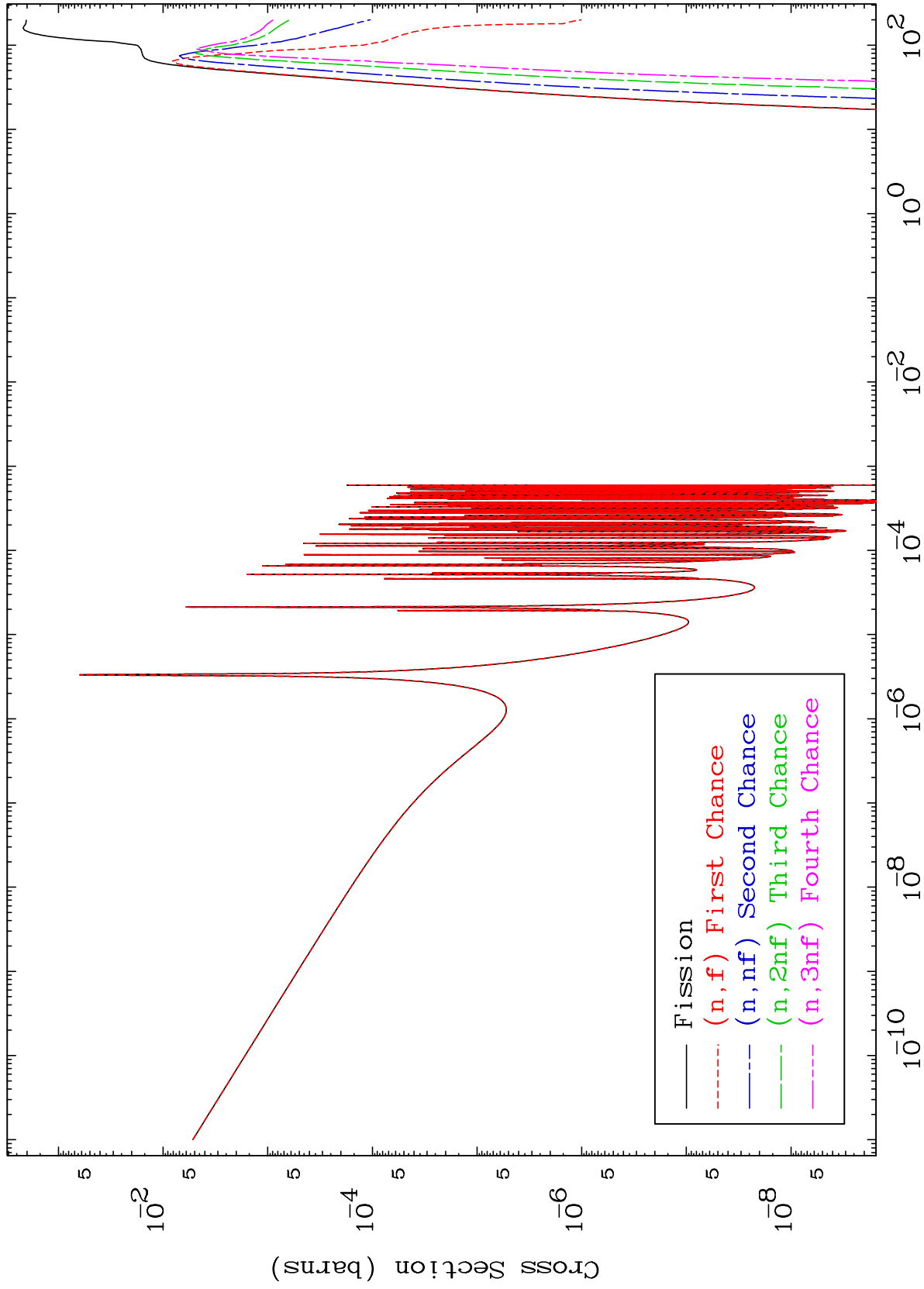
84-Po-219



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Fission
293 Kelvin Cross Sections

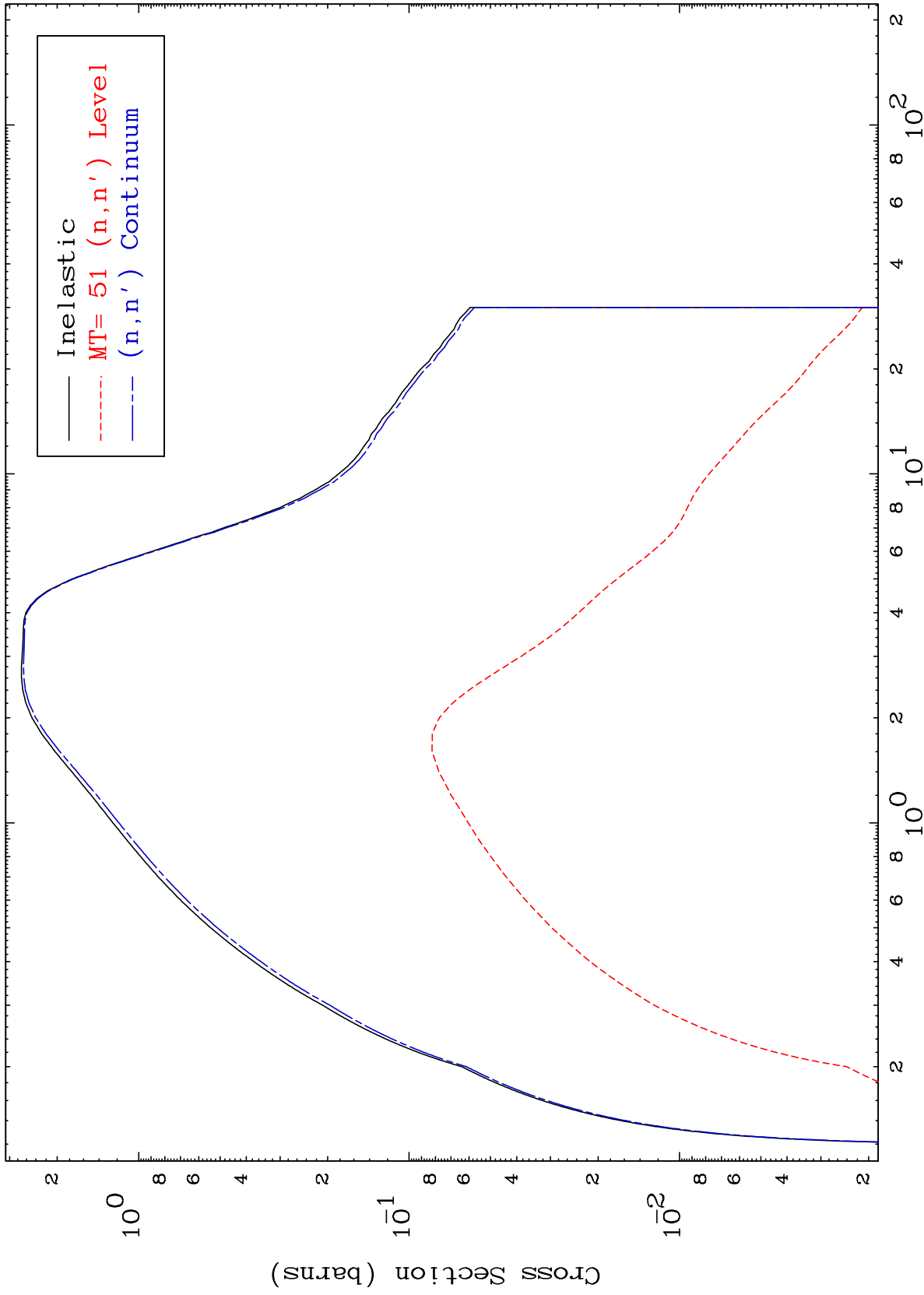
84-Po-219



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(n,n') Level
293 Kelvin Cross Sections

84-Po-219



8

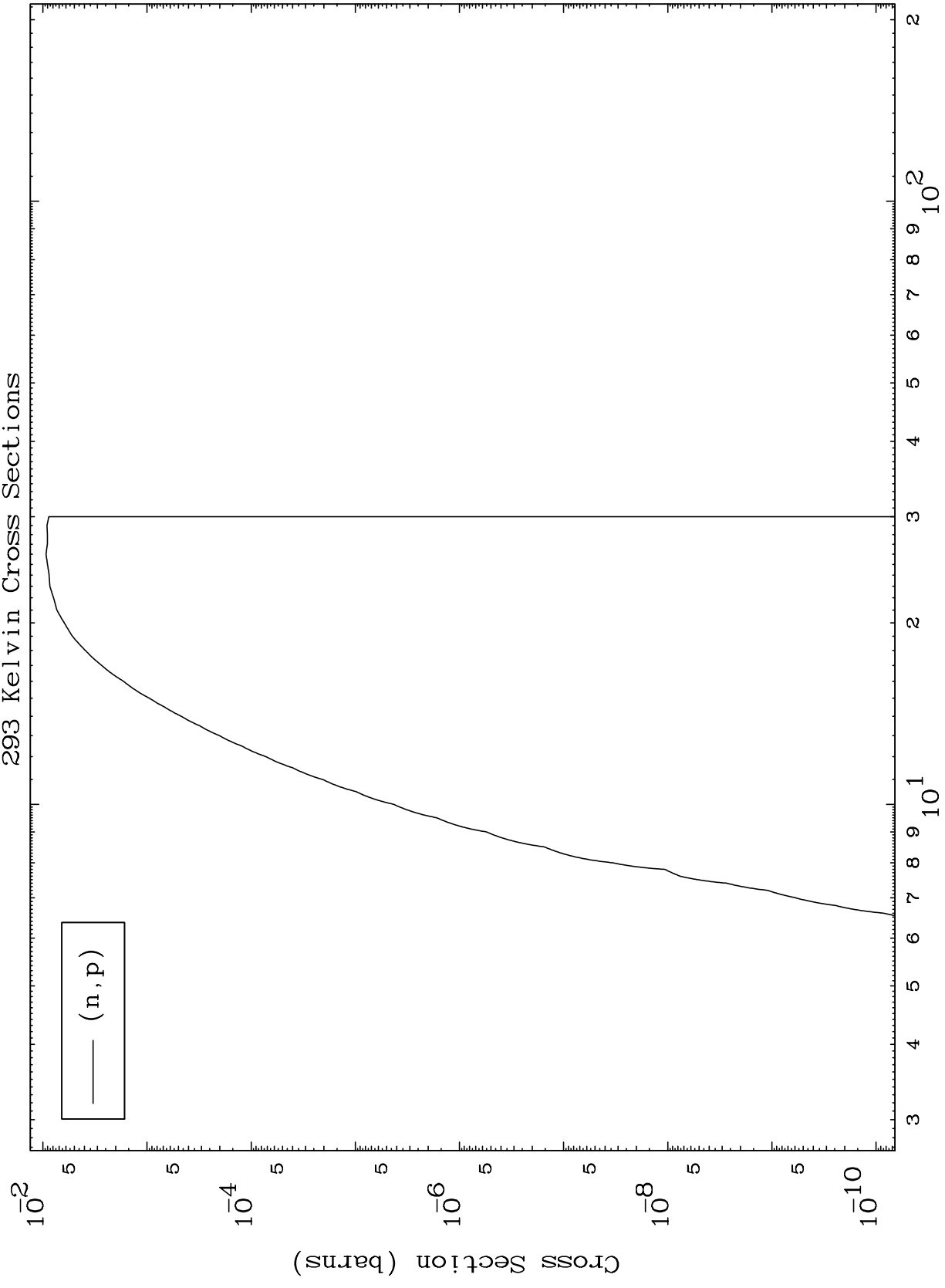
Incident Energy (MeV)

84-Po-219

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(n,p) Levels
293 Kelvin Cross Sections

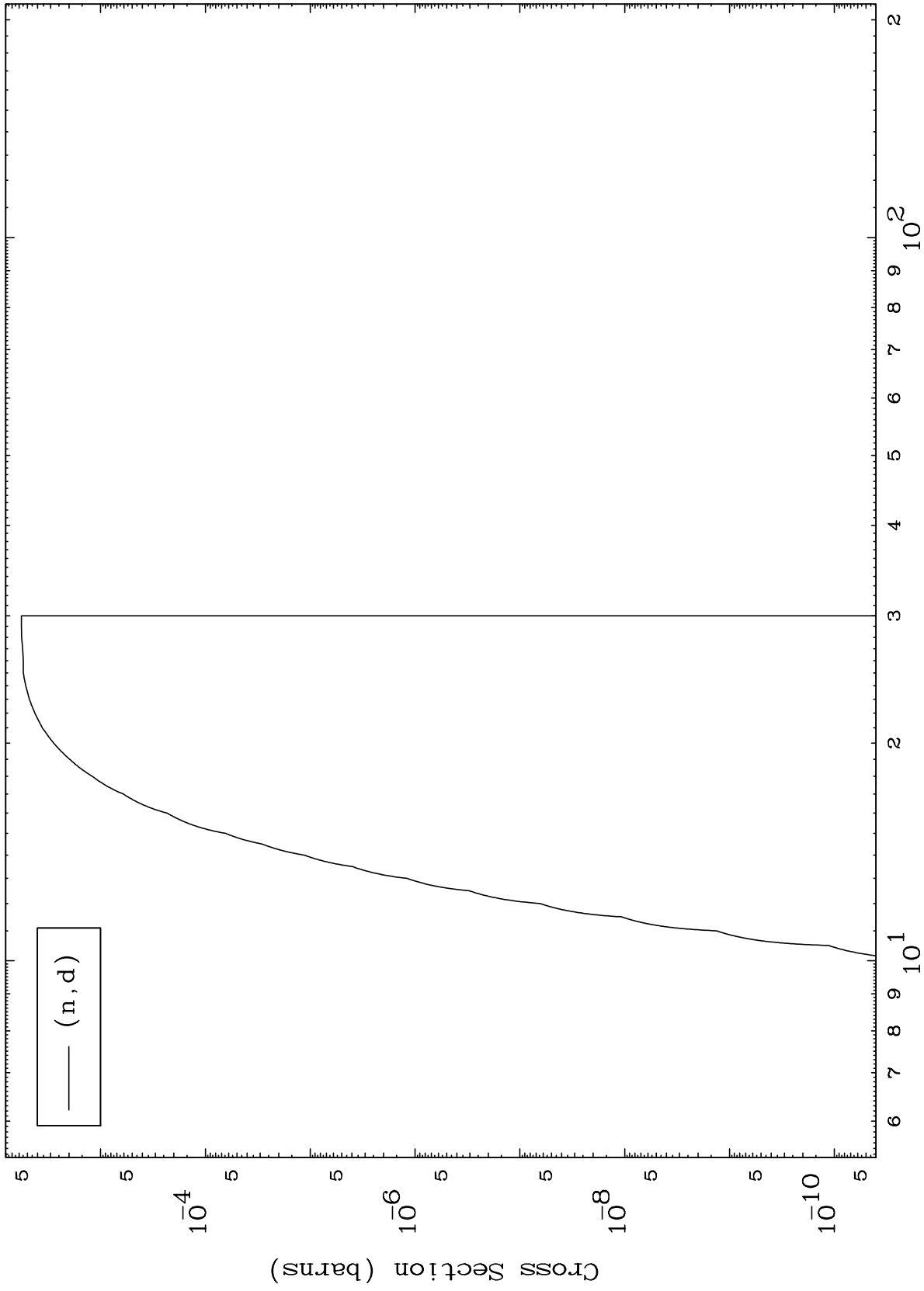
84-Po-219



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(n,d) Levels
293 Kelvin Cross Sections

84-Po-219



10

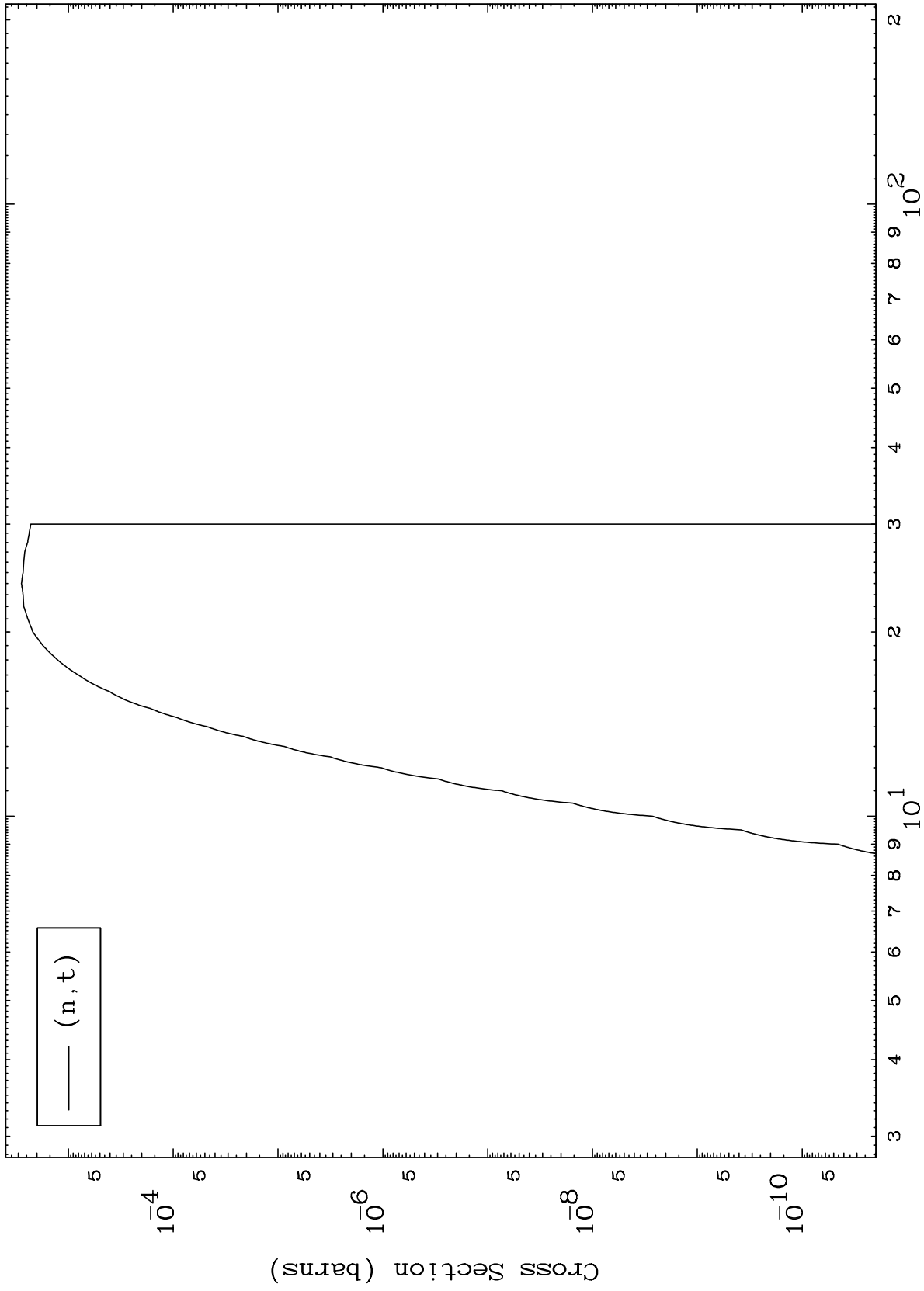
Incident Energy (MeV)

84-Po-219

MAT 8464

(n,t) Levels
293 Kelvin Cross Sections

84-Po-219



11

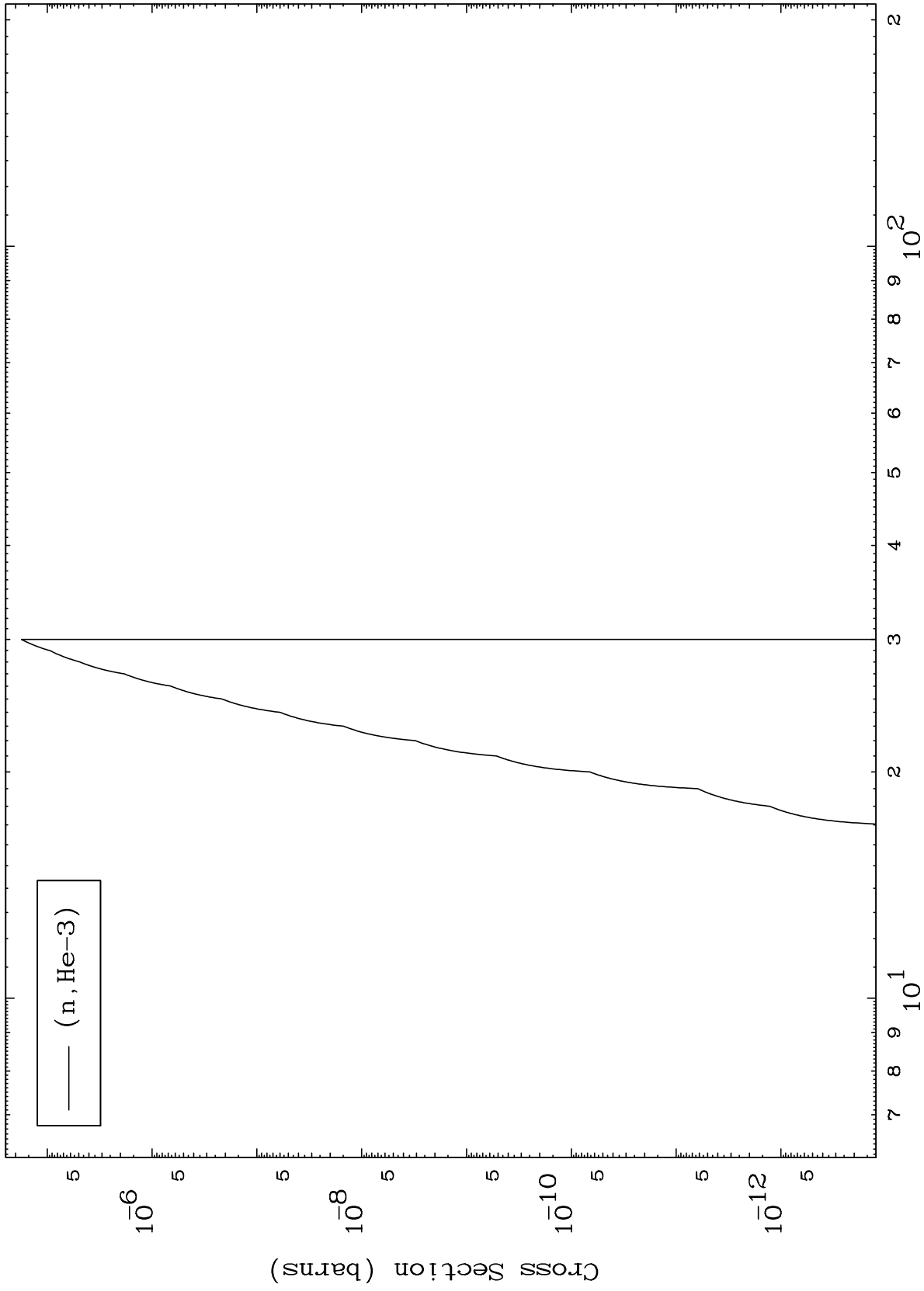
Incident Energy (MeV)

84-Po-219

MAT 8464

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-219



12

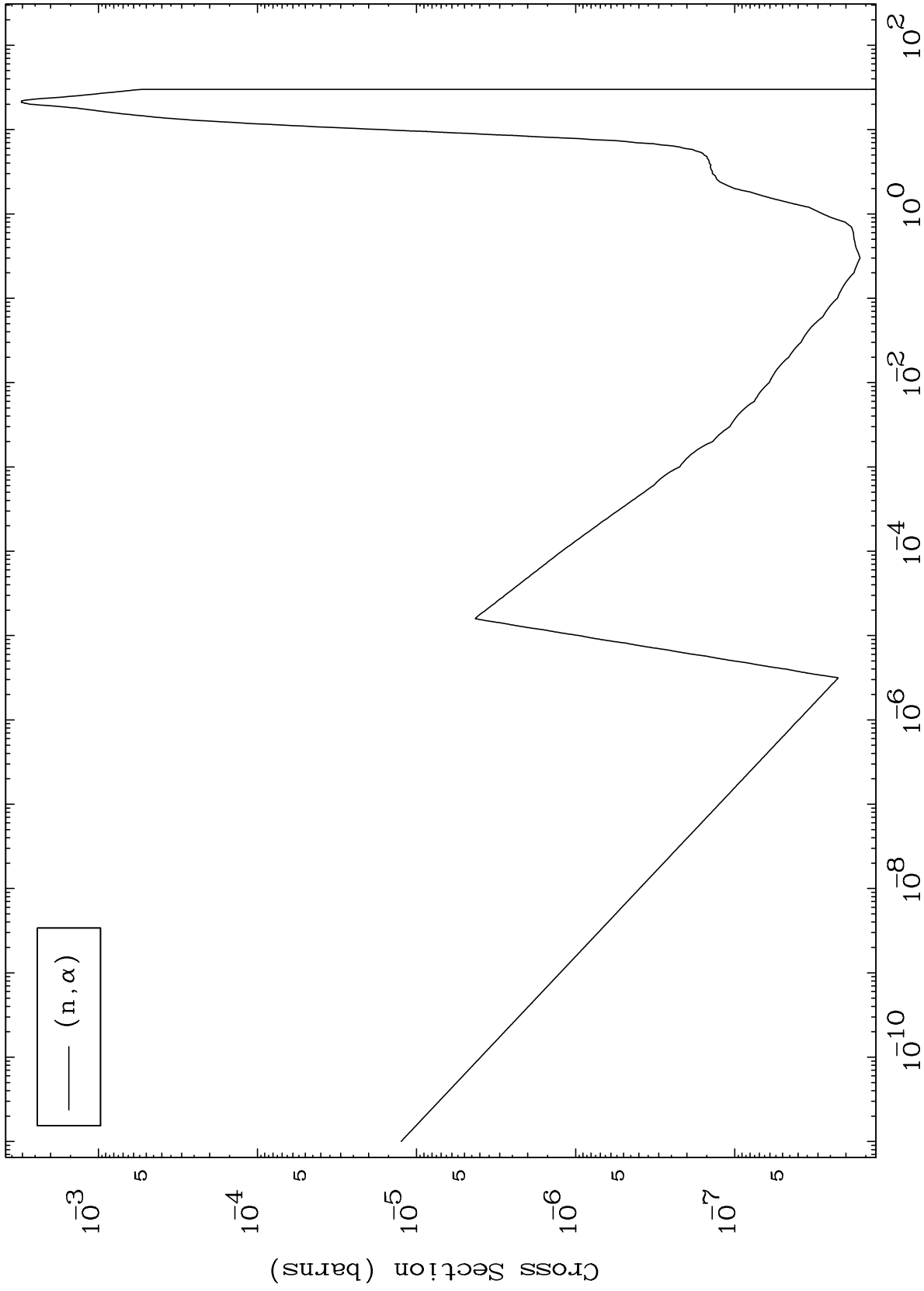
Incident Energy (MeV)

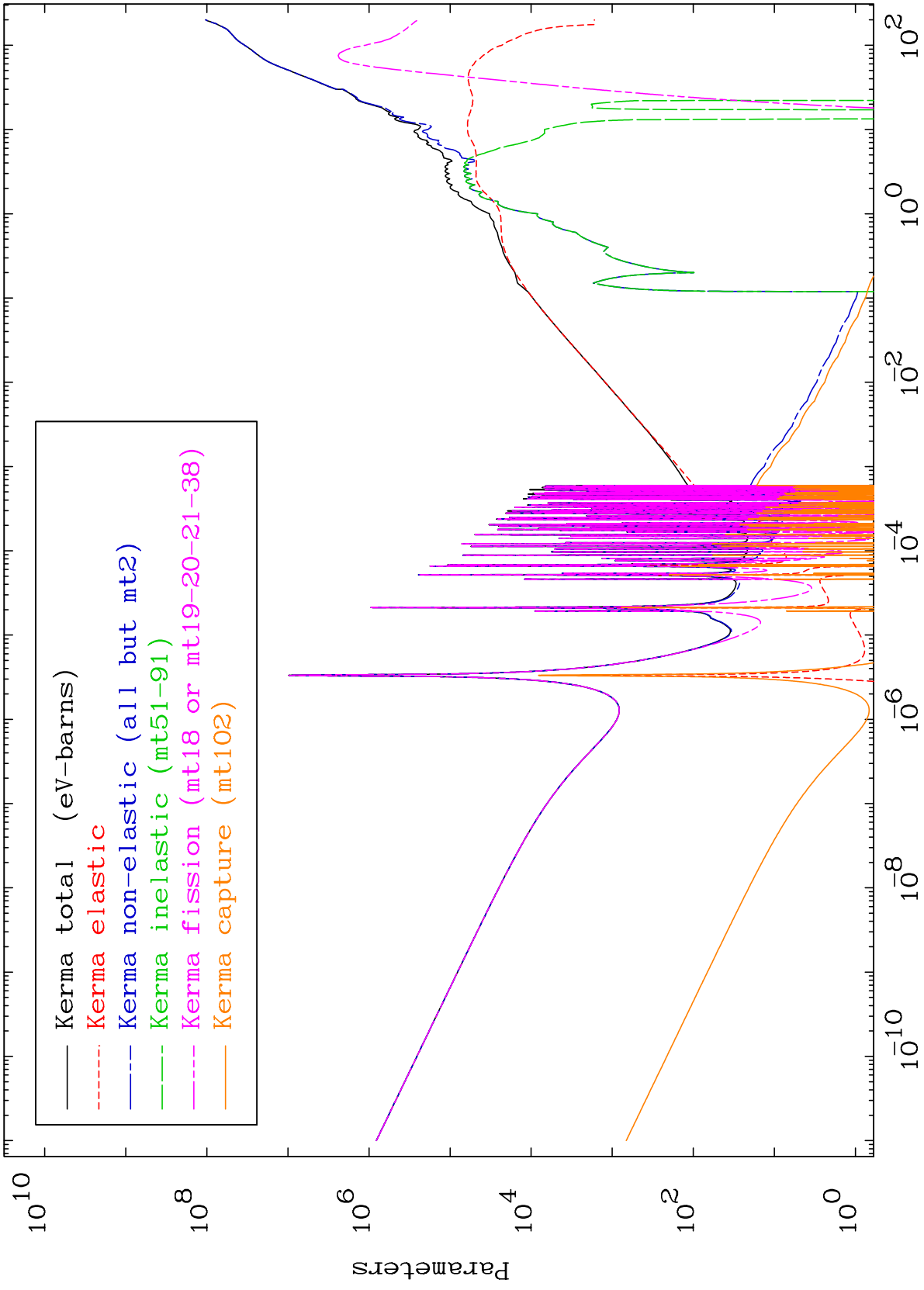
84-Po-219

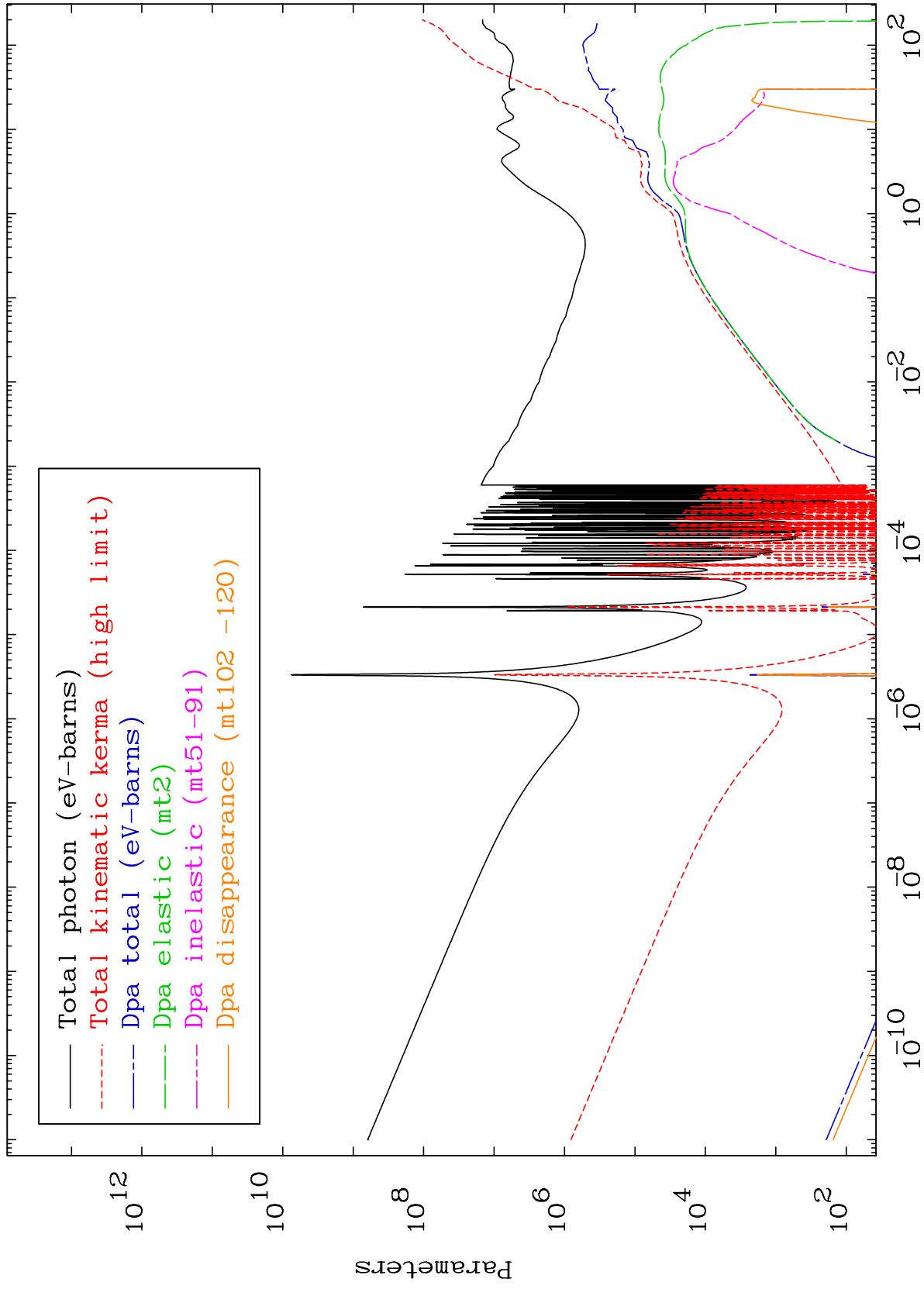
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(n,α) Levels
293 Kelvin Cross Sections

84-Po-219



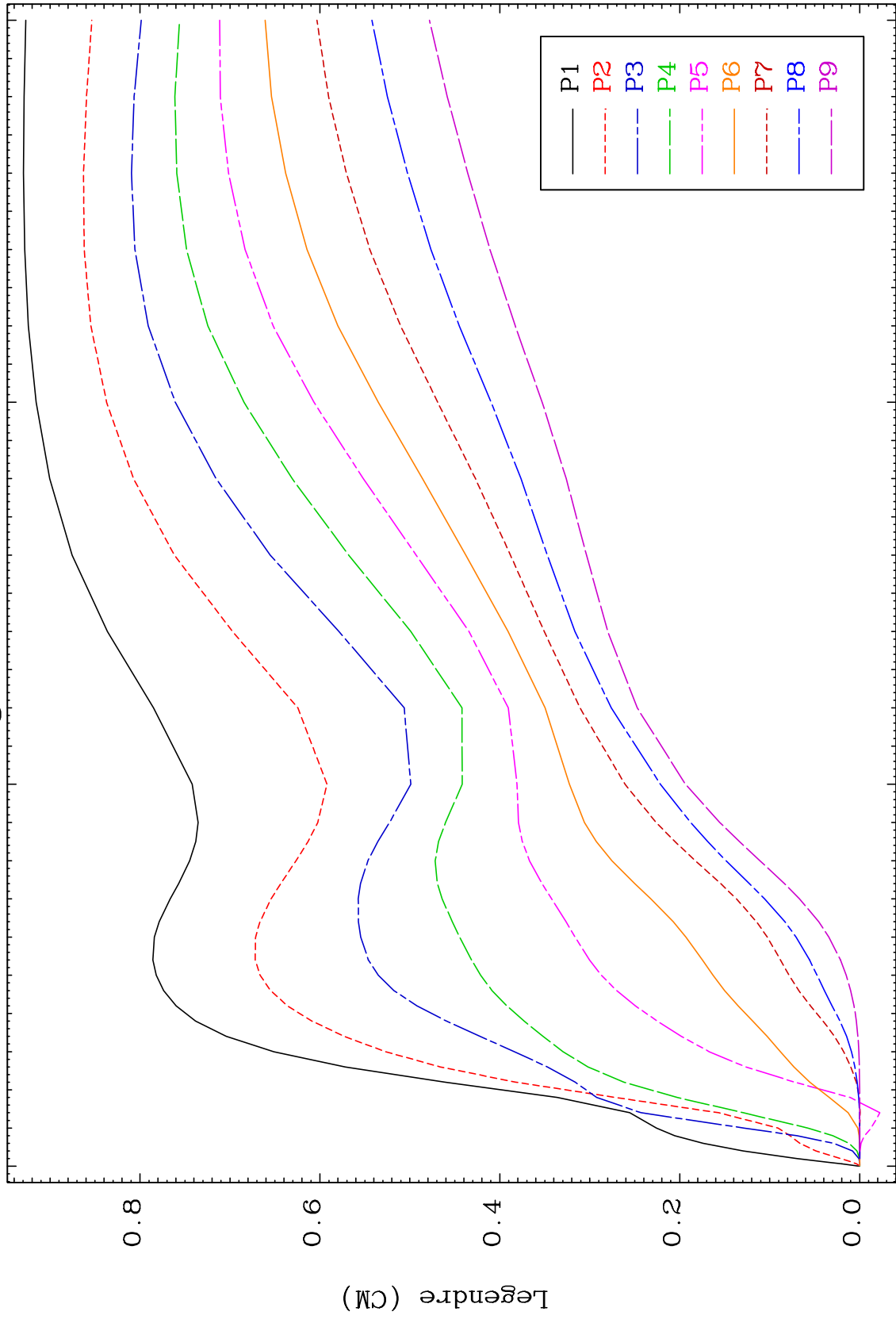




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Elastic Legendre Coefficients

84-Po-219



0

16

Incident Energy (MeV)

10

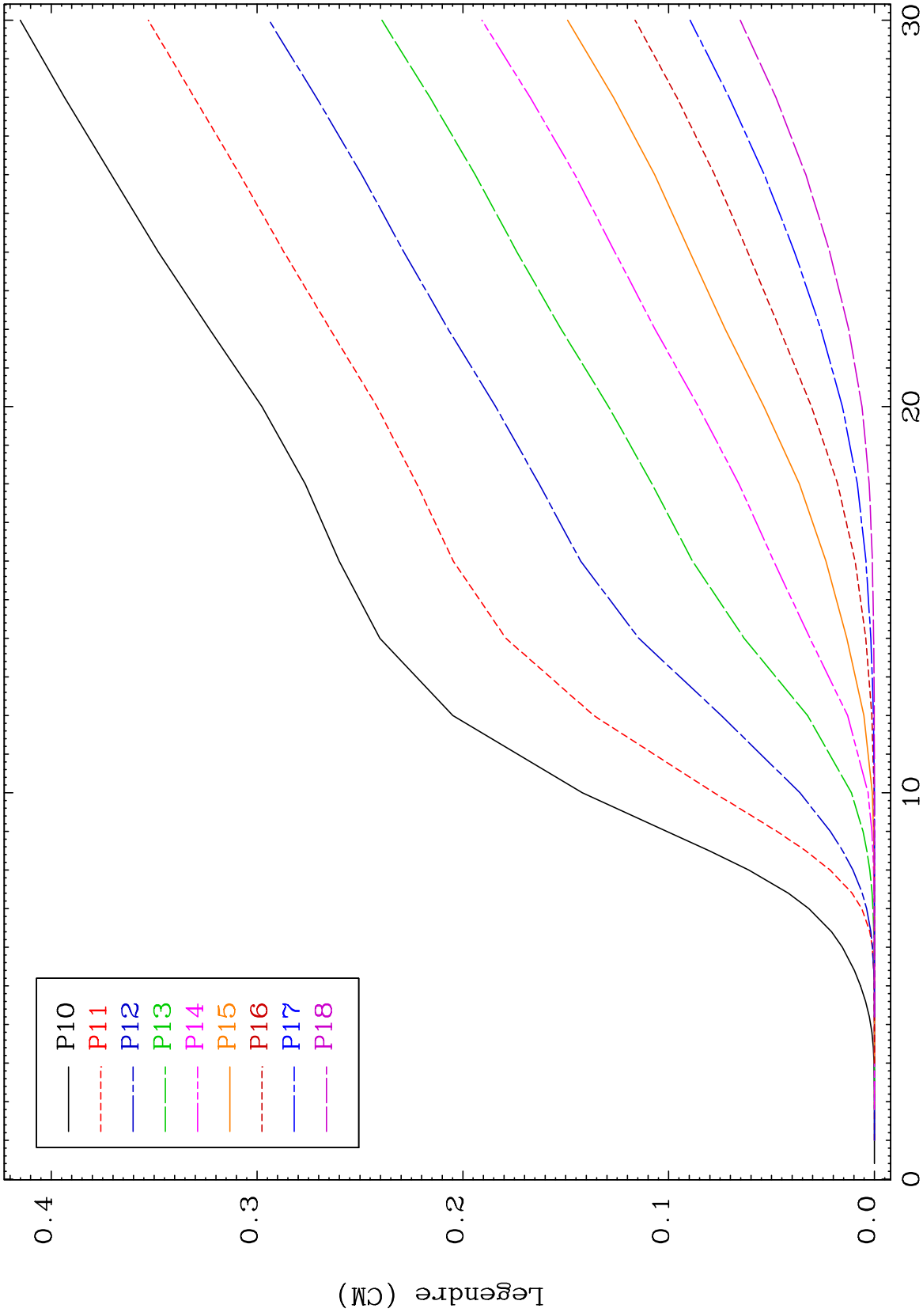
30

84-Po-219

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Elastic Legendre Coefficients

84-Po-219



17

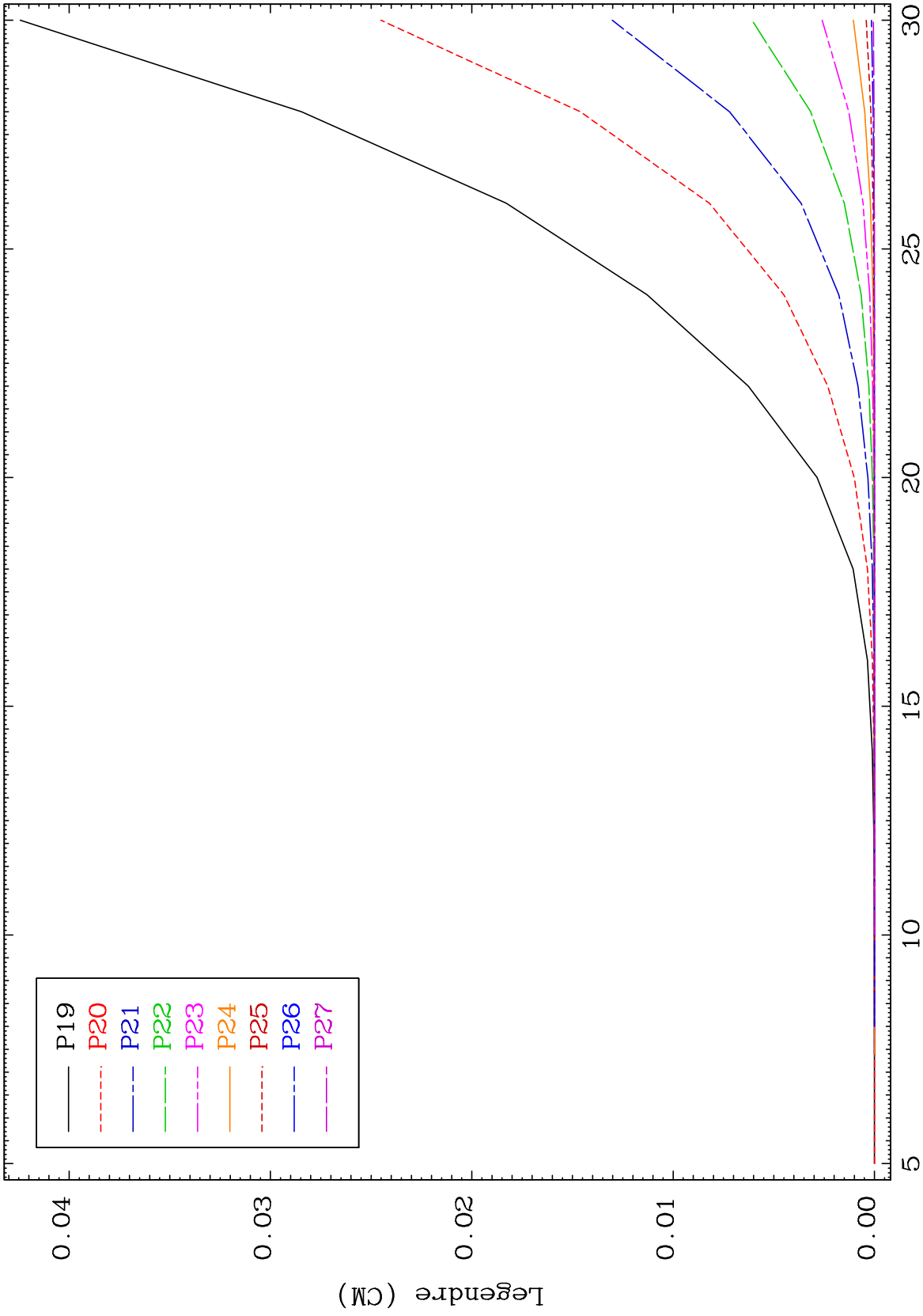
Incident Energy (MeV)

84-Po-219

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Elastic Legendre Coefficients

84-Po-219



18

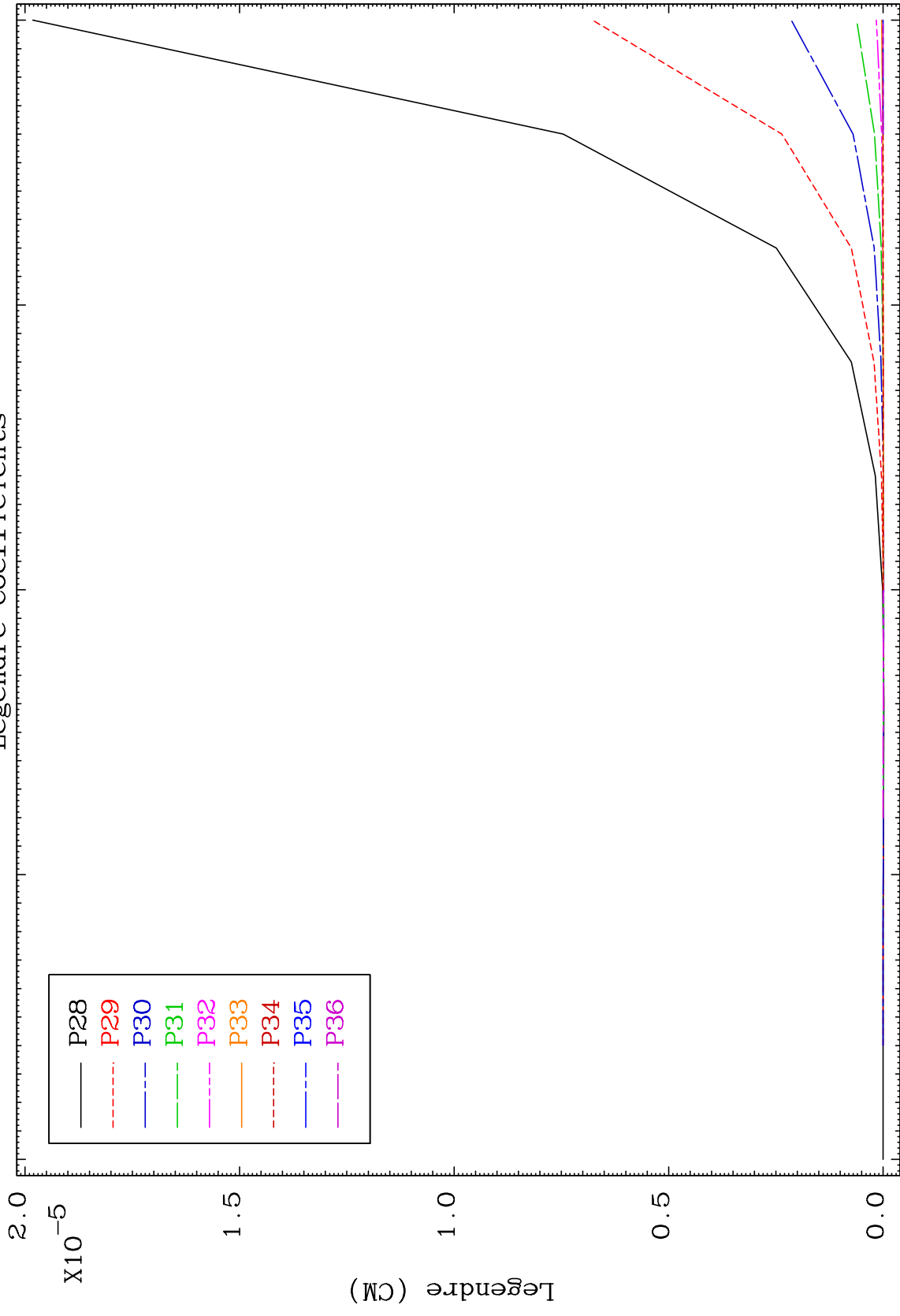
Incident Energy (MeV)

84-Po-219

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Elastic Legendre Coefficients

84-Po-219



19

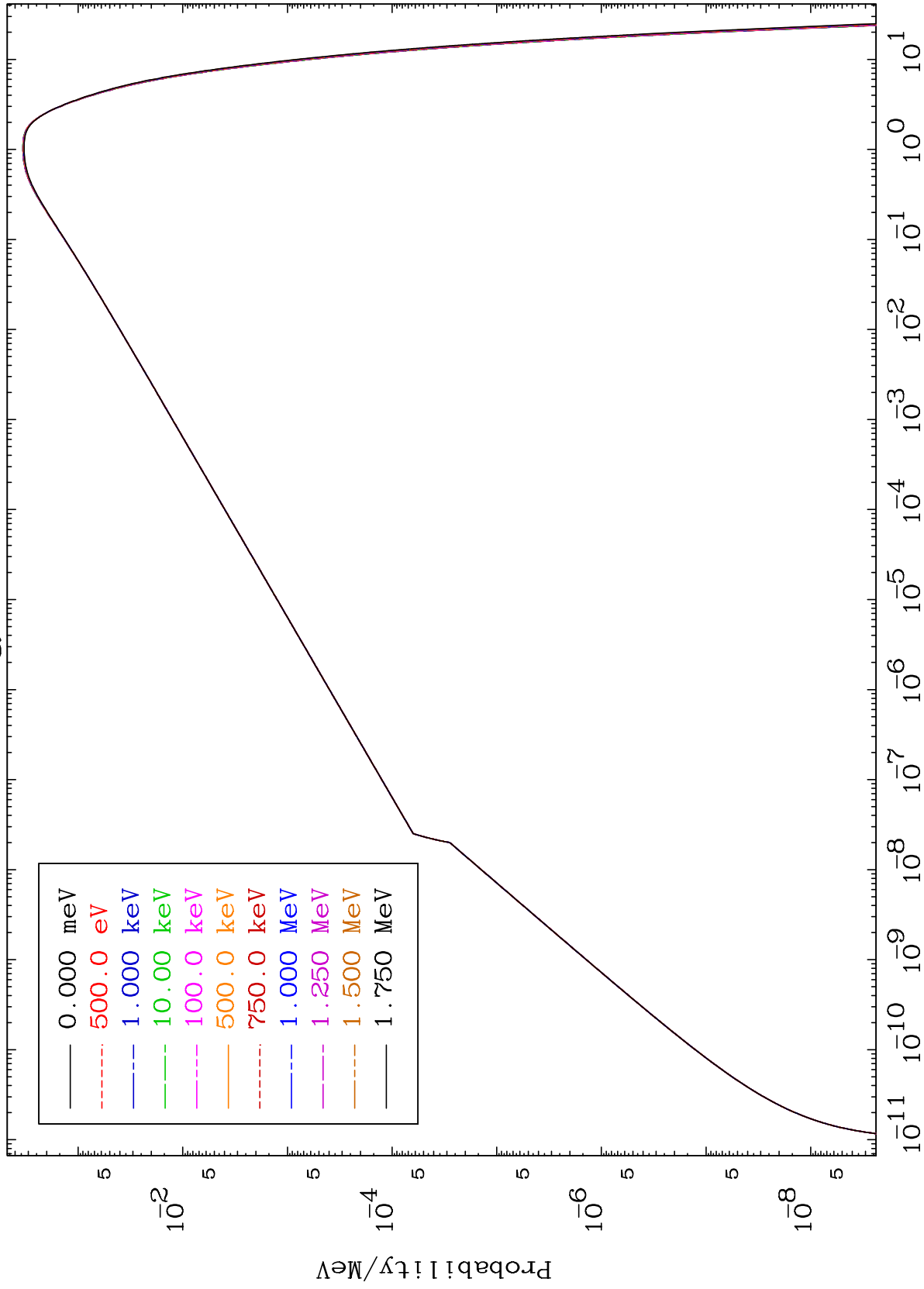
Incident Energy (MeV)

84-Po-219

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Fission Energy Distribution

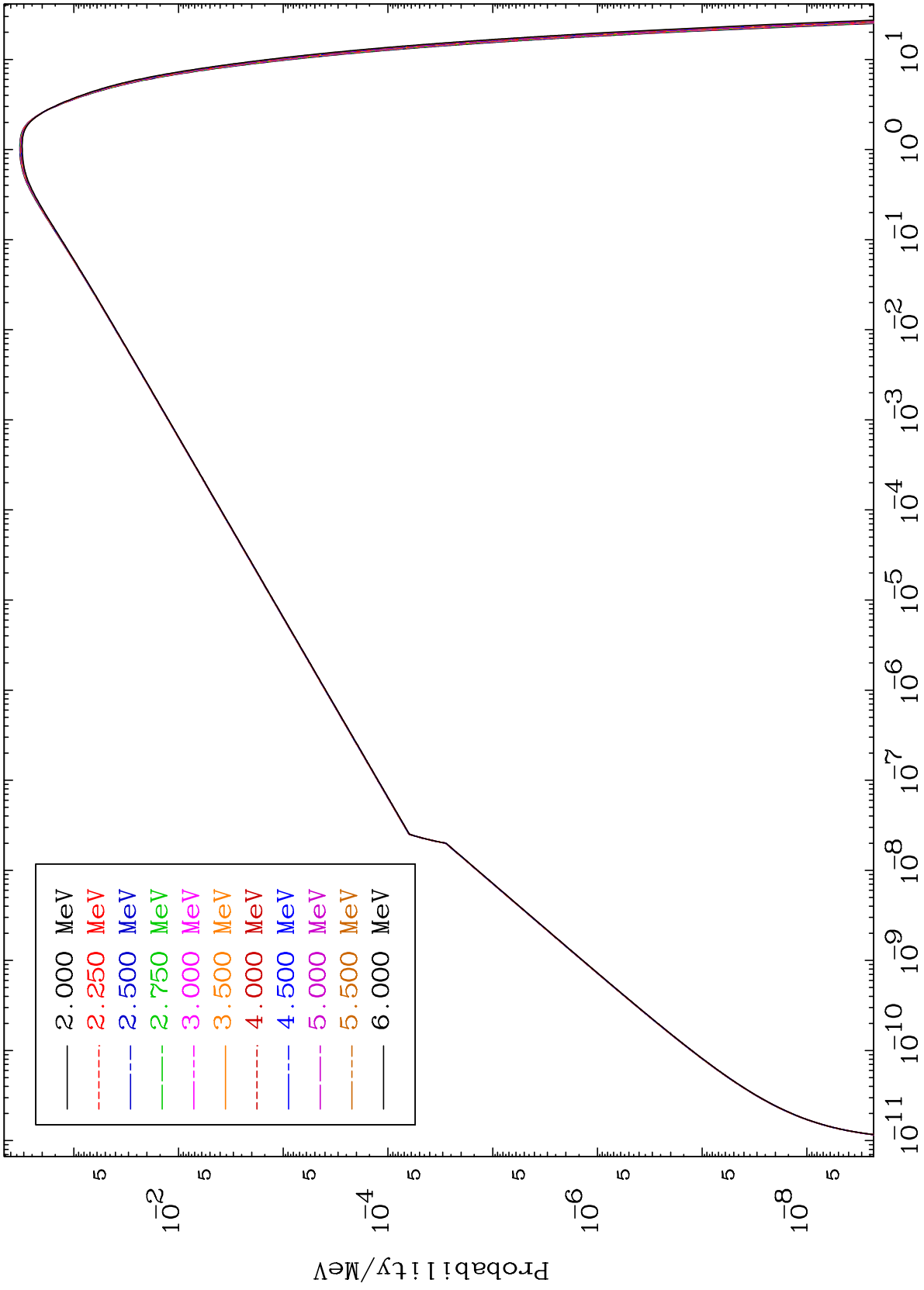
84-Po-219



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Fission Energy Distribution

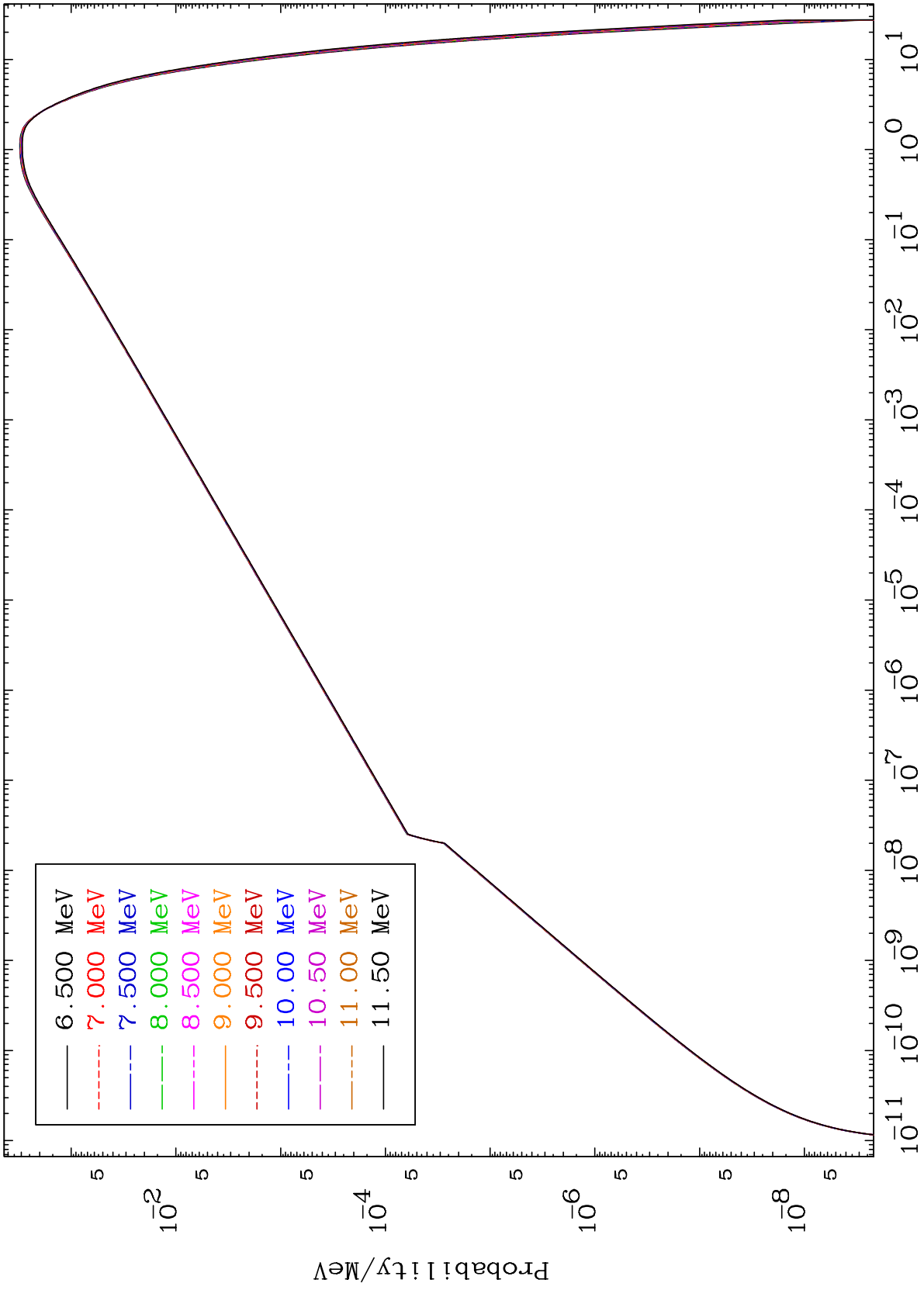
84-Po-219



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Fission Energy Distribution

84-Po-219

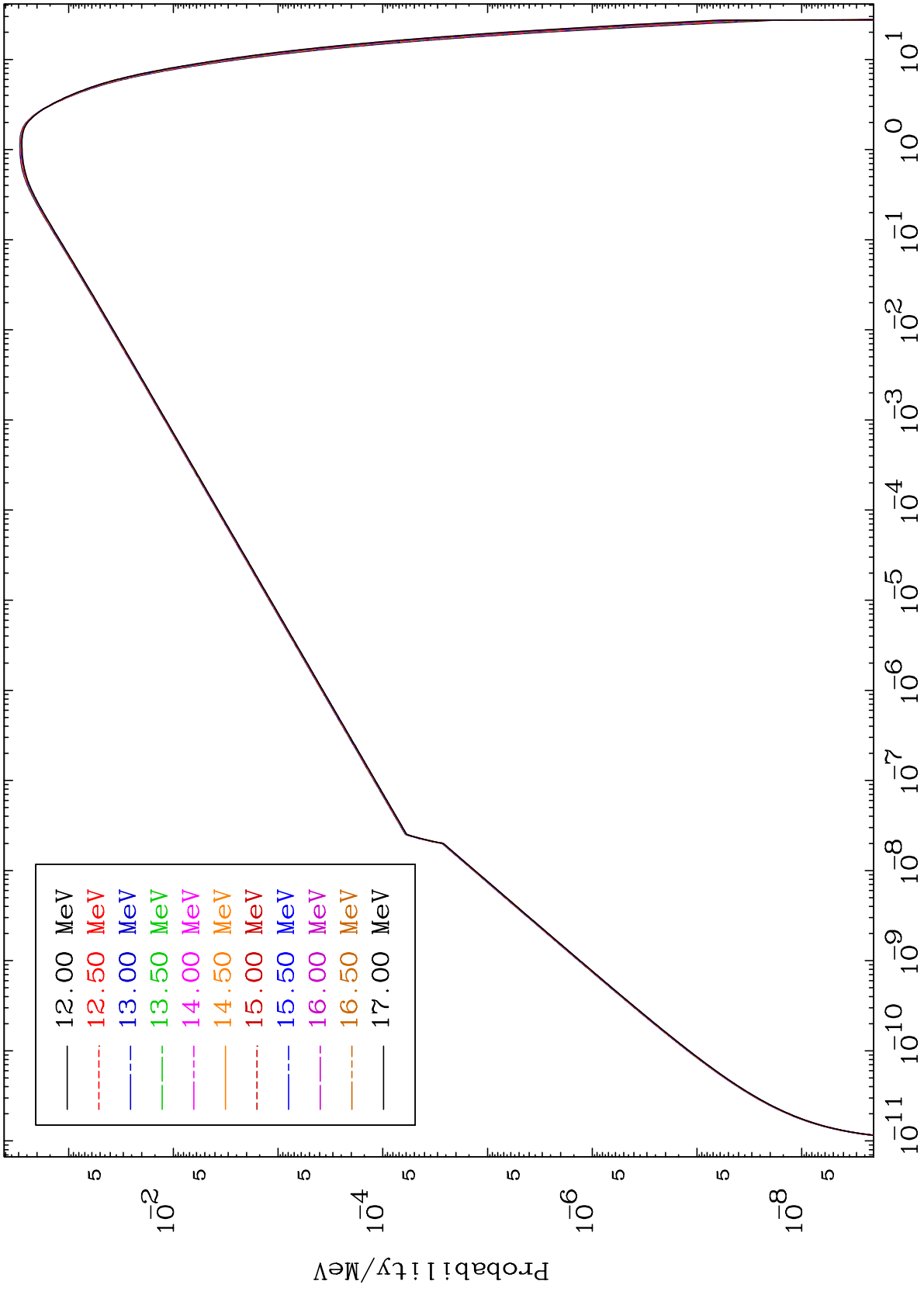


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Fission Energy Distribution

84-Po-219

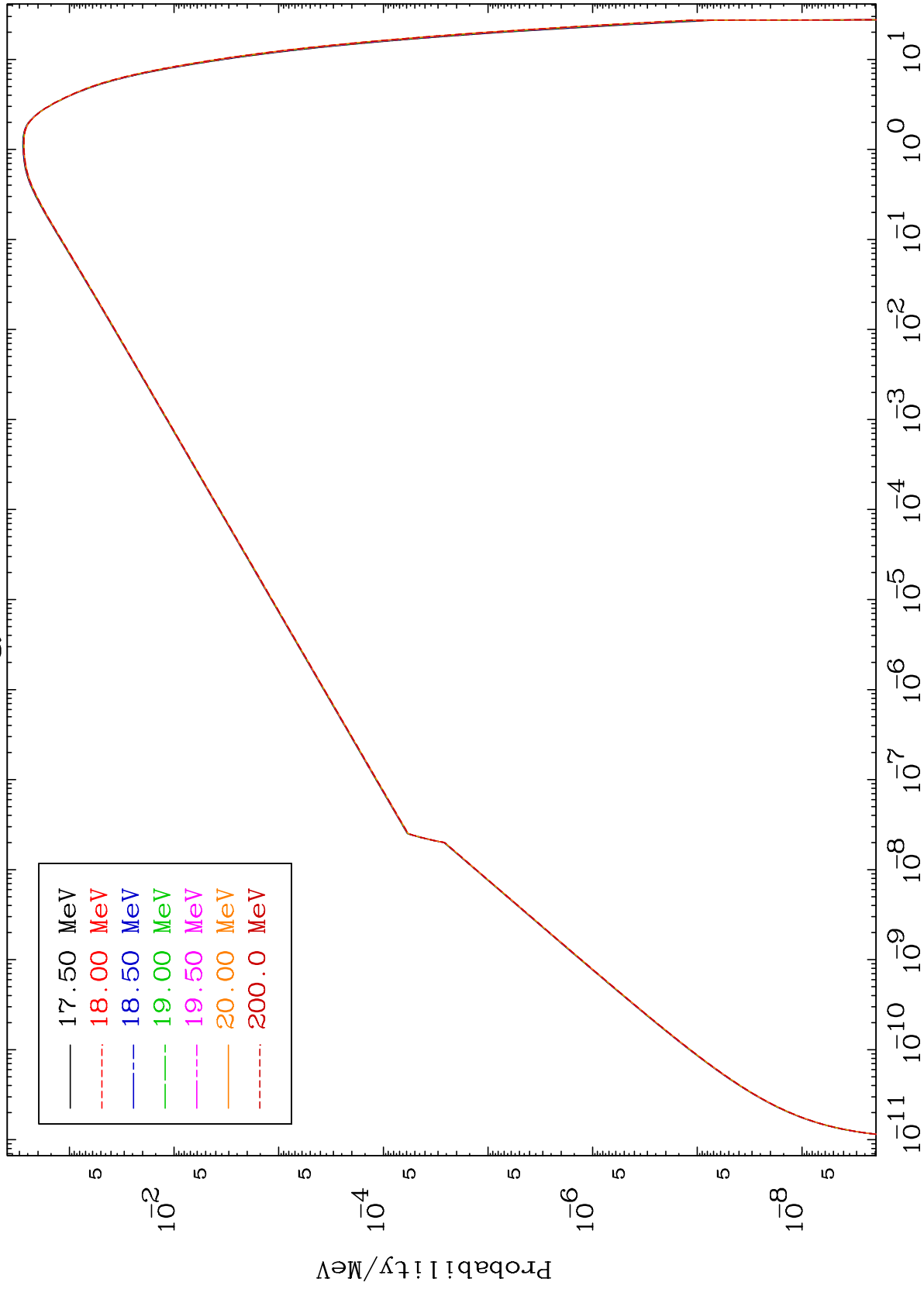


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Fission Energy Distribution

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

24

Secondary Energy (MeV)

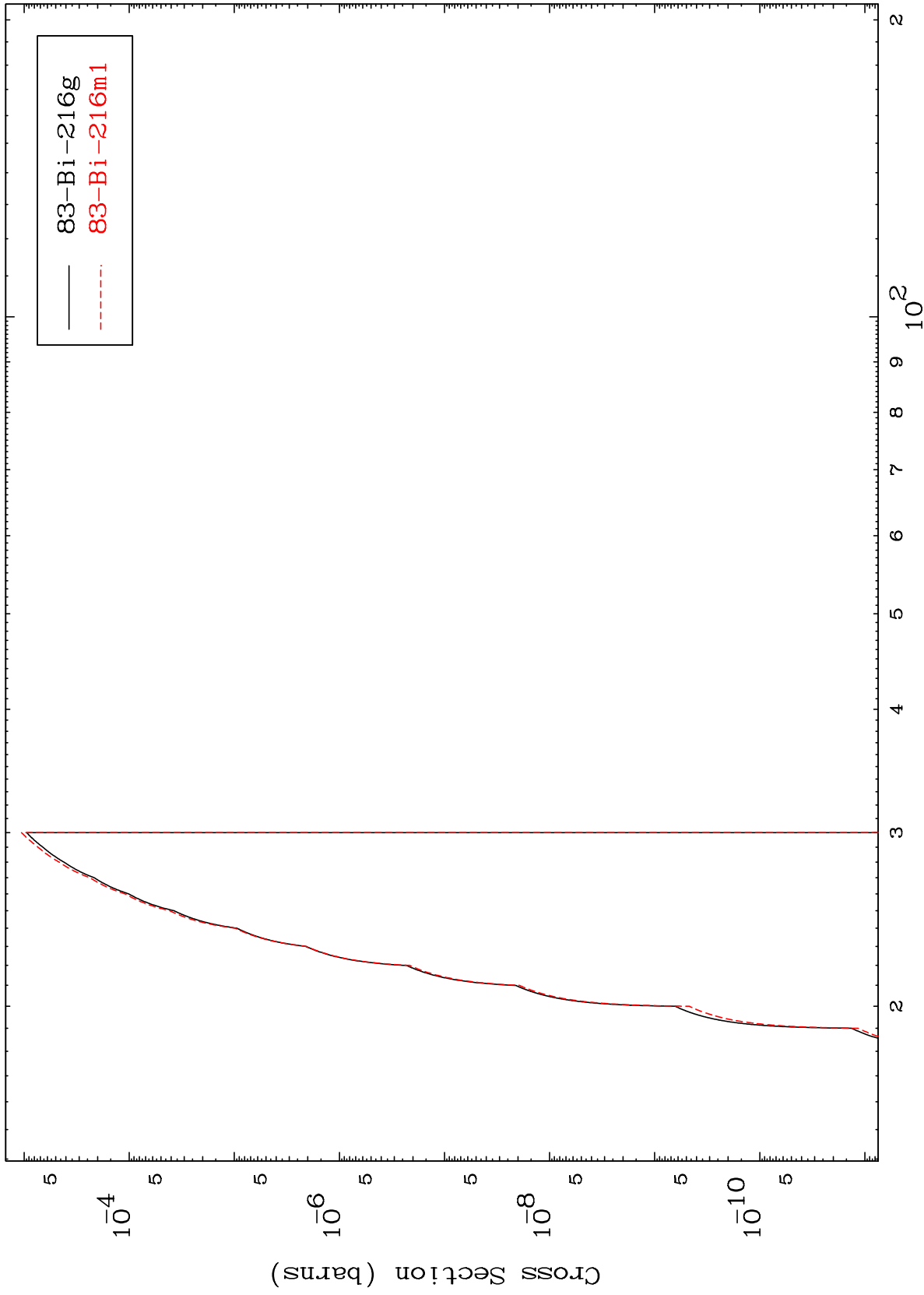
84-Po-219

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(n,2n) d

84-Po-219

Radionuclide Production Cross Section



25

Incident Energy (MeV)

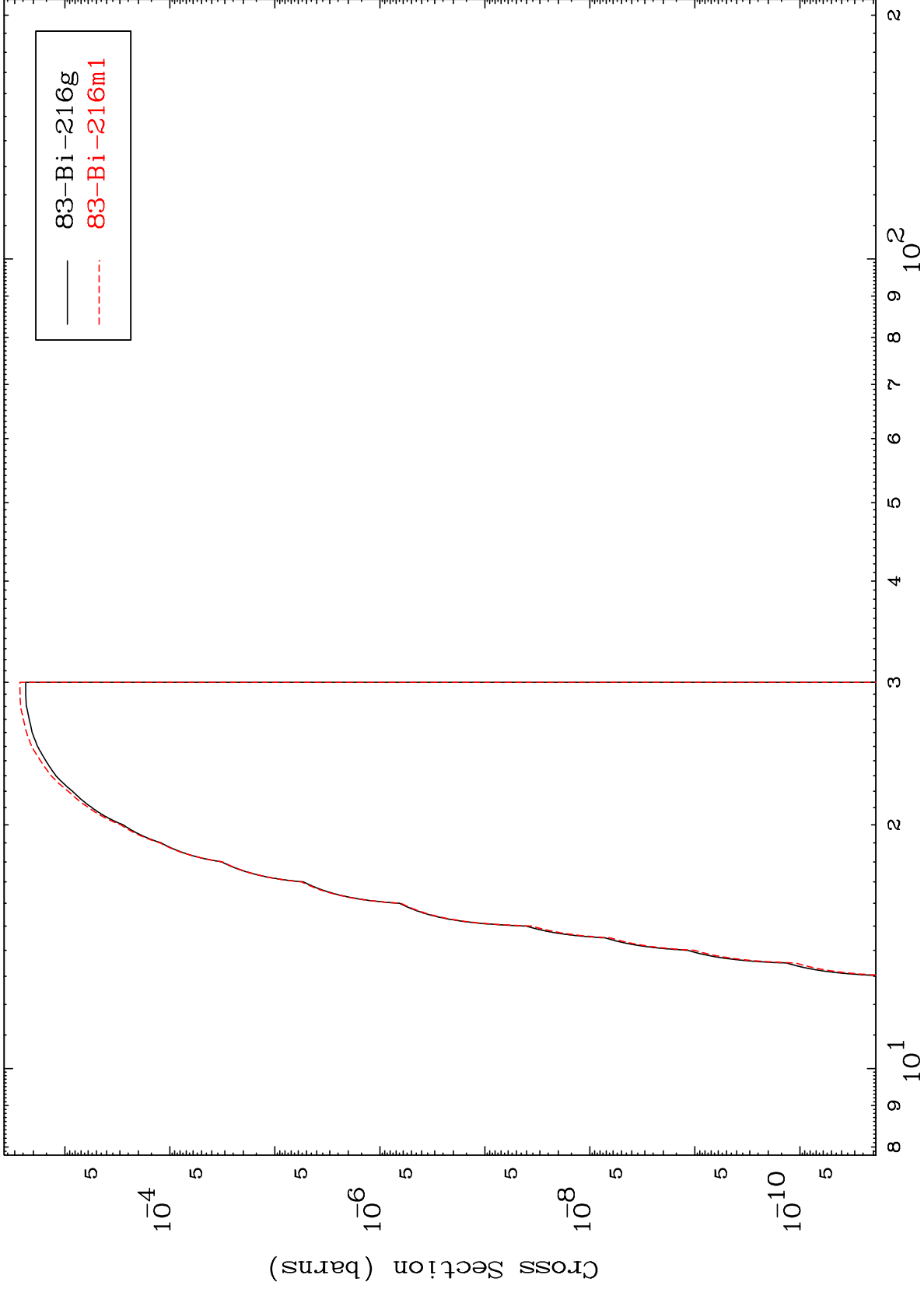
84-Po-219

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(n,n') t

84-Po-219

Radionuclide Production Cross Section



26

Incident Energy (MeV)

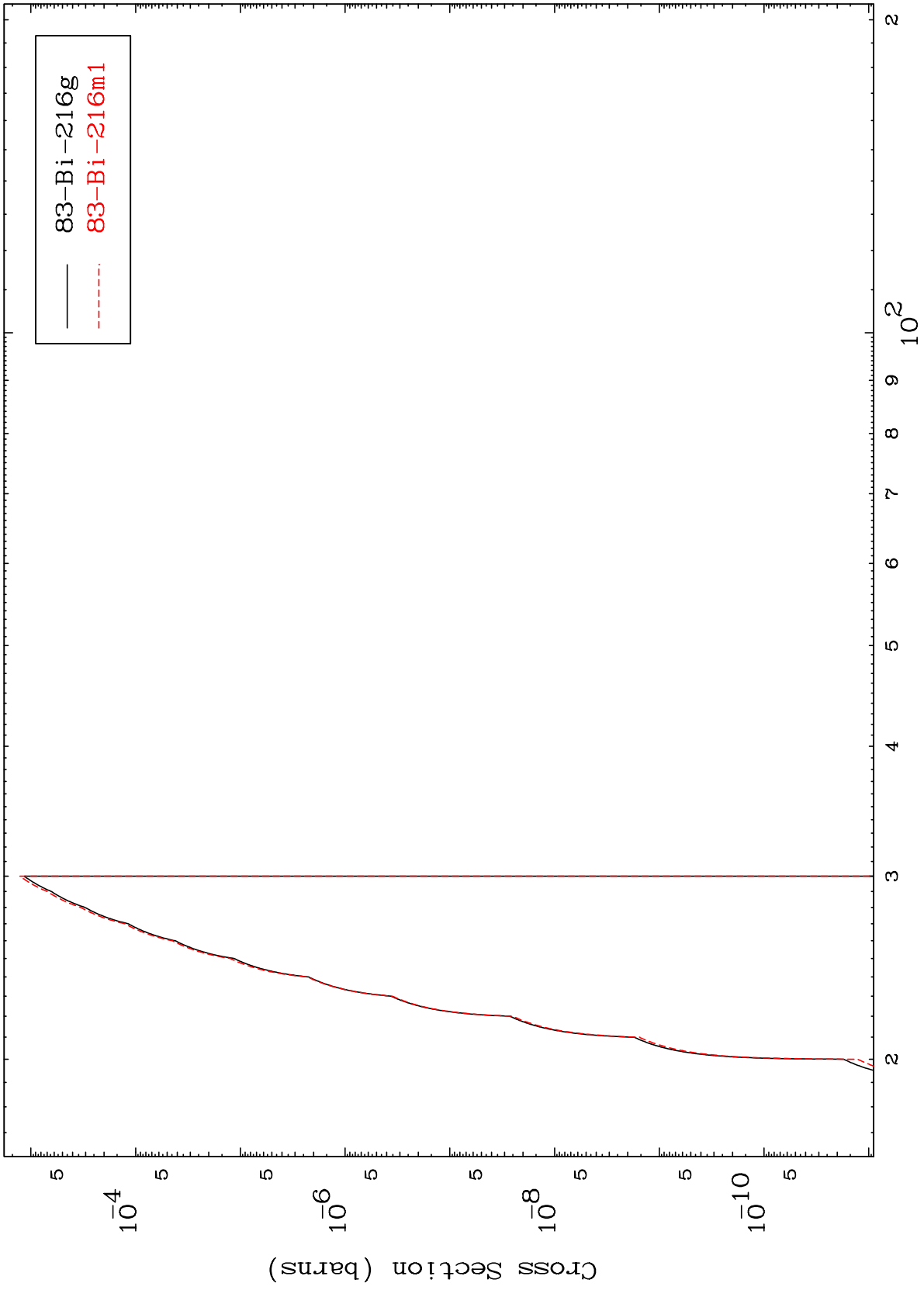
84-Po-219

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(n,3n) p

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Radionuclide Production Cross Section



27

Incident Energy (MeV)

84-Po-219