

Program EVALPLOT
(Version 2021-1)

by

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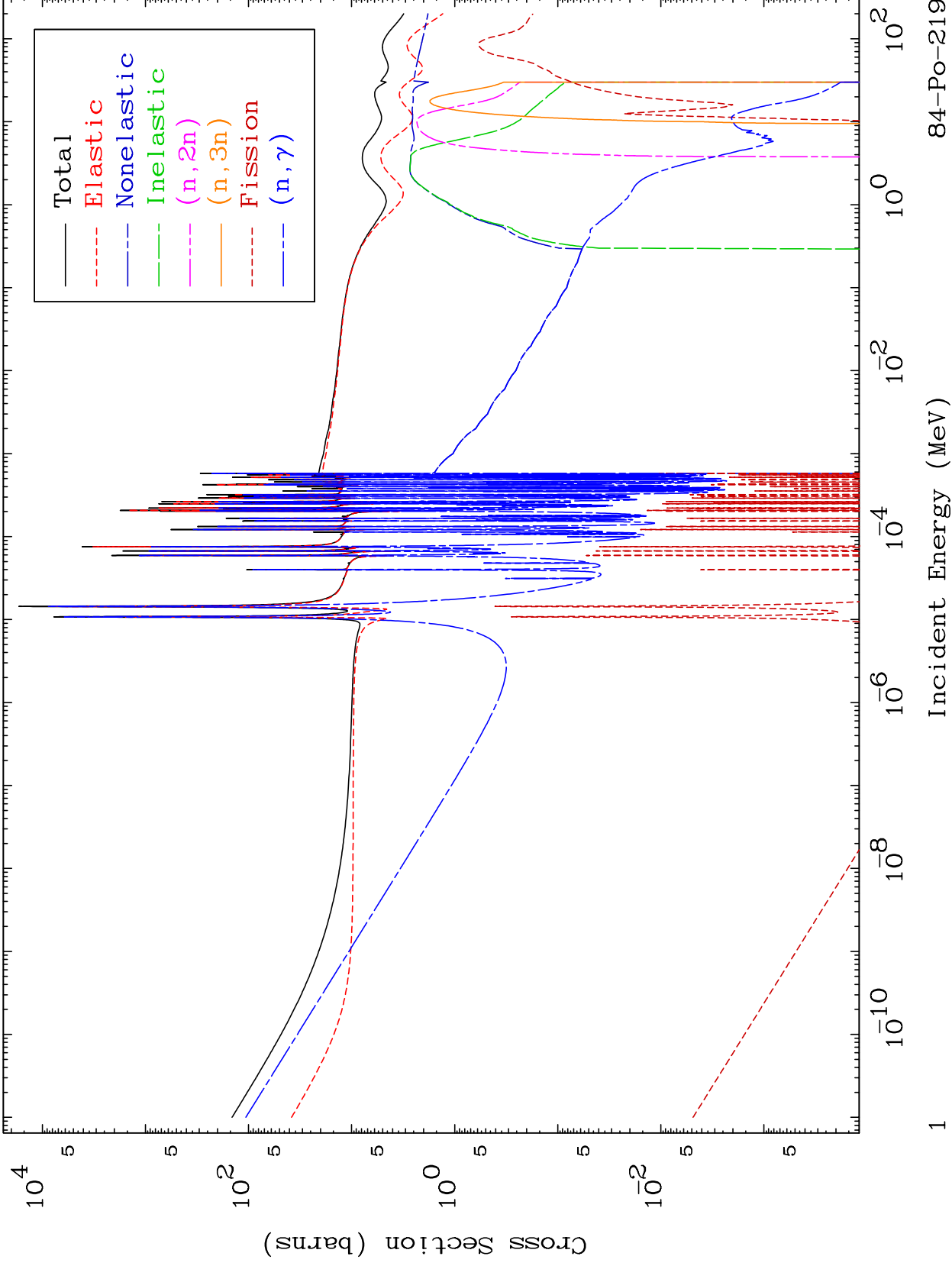
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Press Mouse Button to Start

MAT 8464

Neutron Major
293 Kelvin Cross Sections

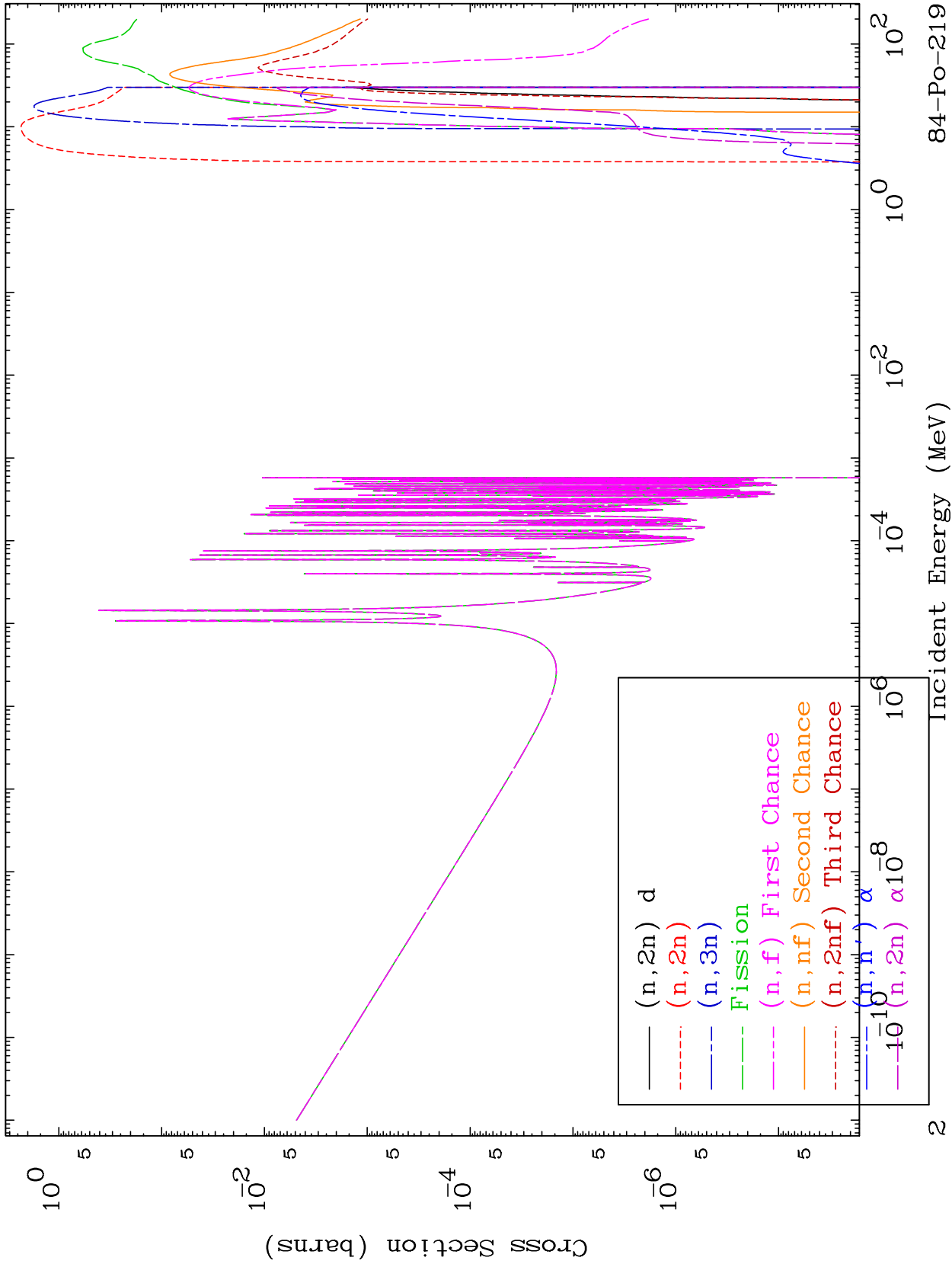
84-Po-219



MAT 8464

Neutron Absorption
293 Kelvin Cross Sections

84-Po-219



84-Po-219

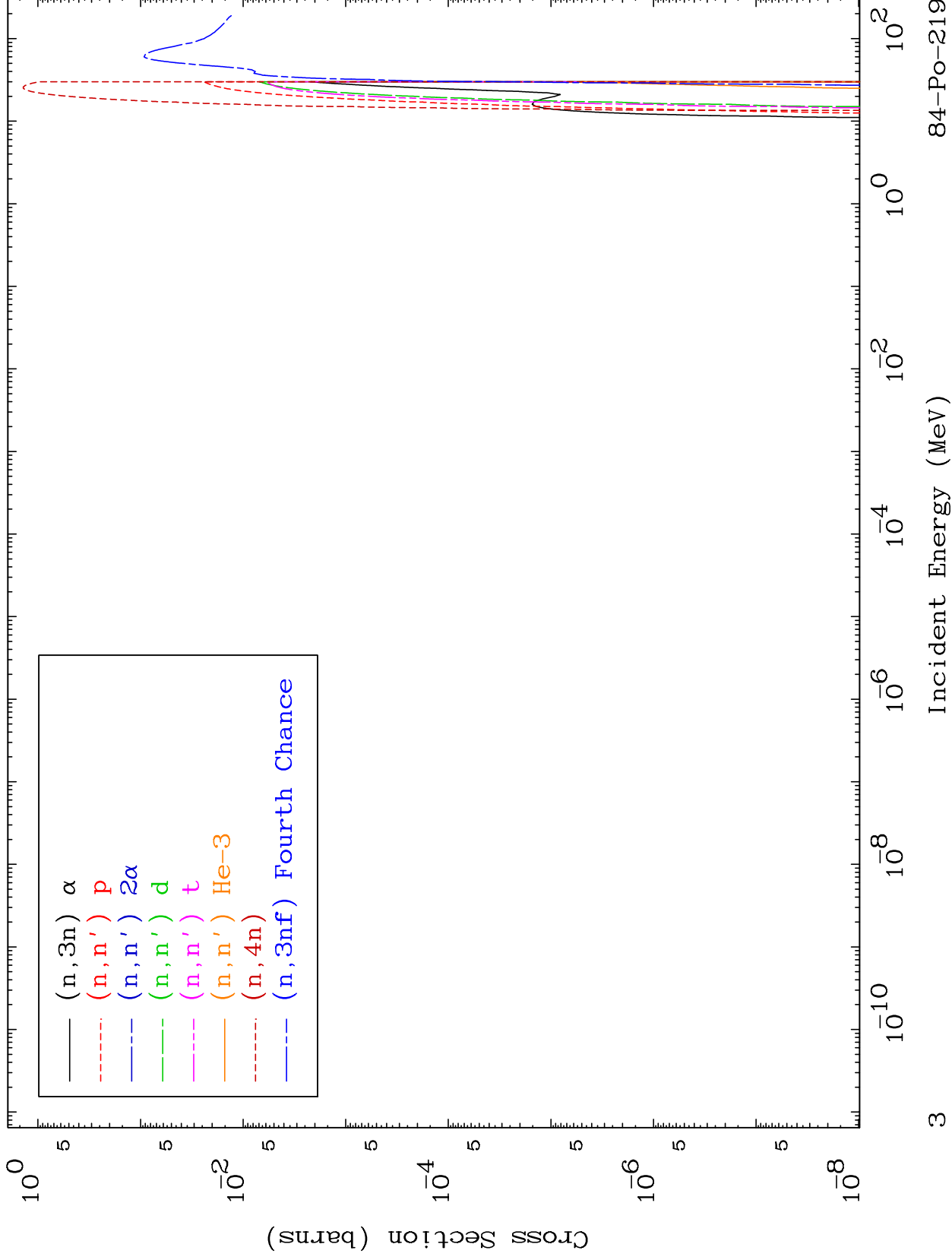
Incident Energy (MeV)

2

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Neutron Absorption
293 Kelvin Cross Sections

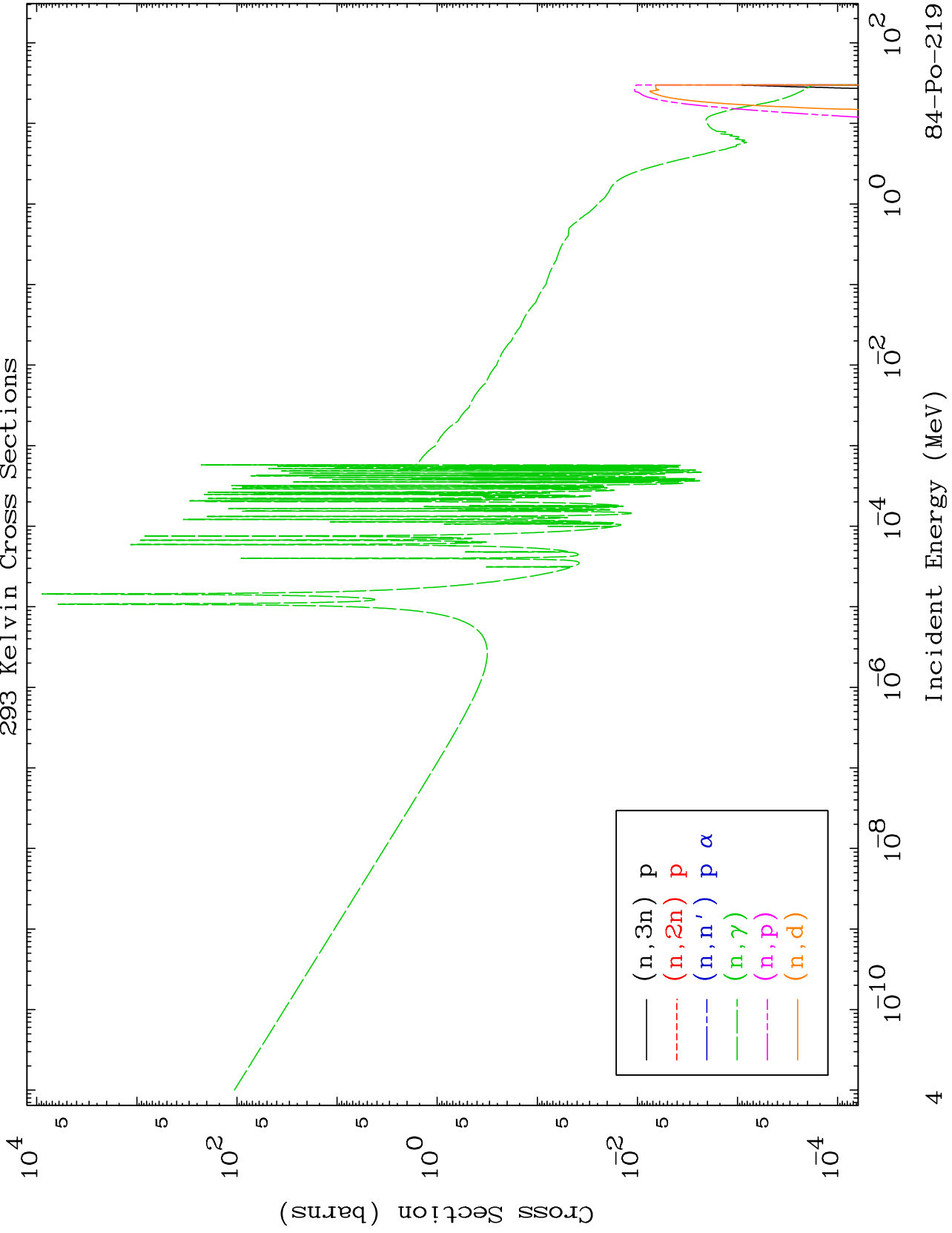
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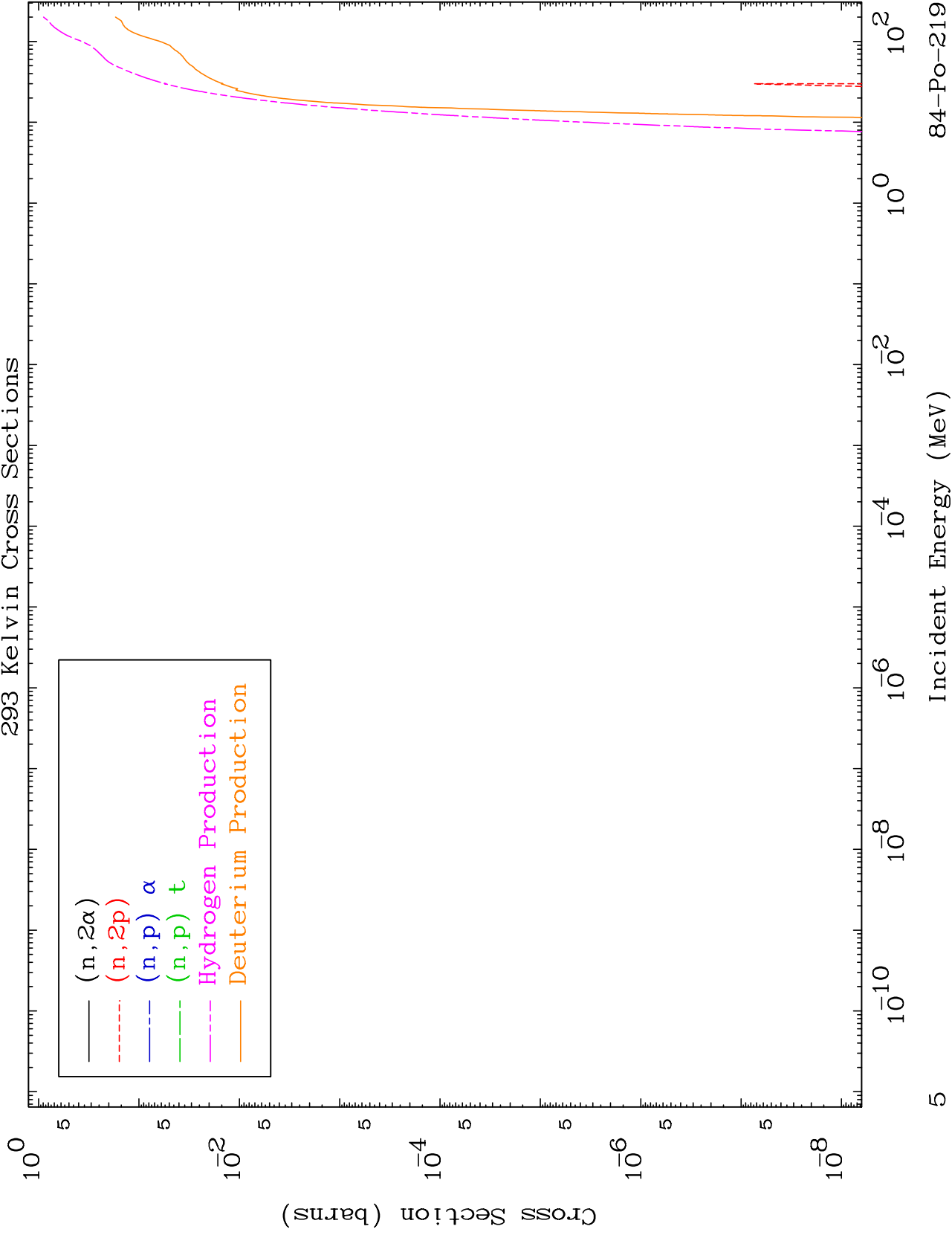


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Neutron Absorption
293 Kelvin Cross Sections

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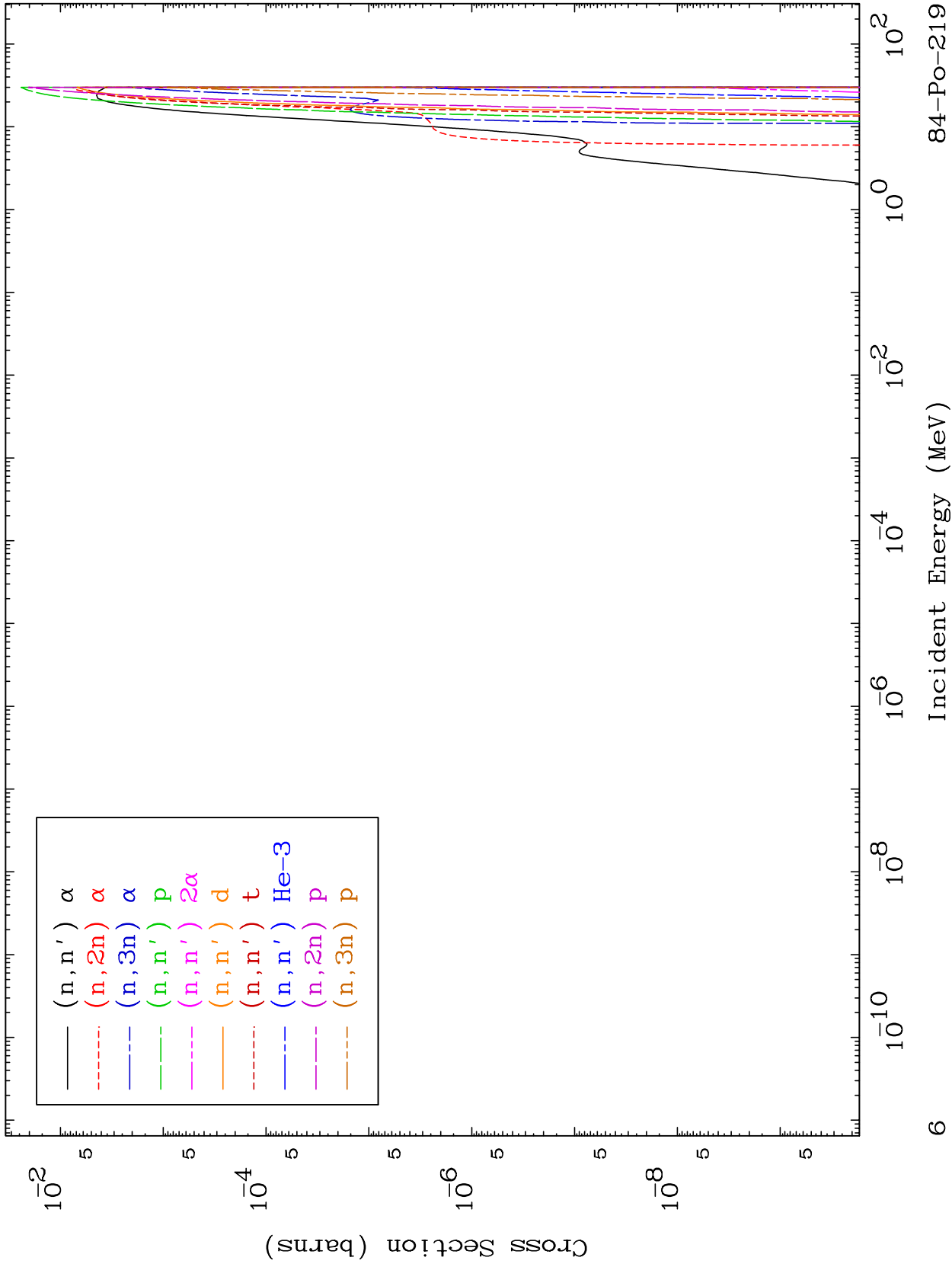




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Charged Particle
293 Kelvin Cross Sections

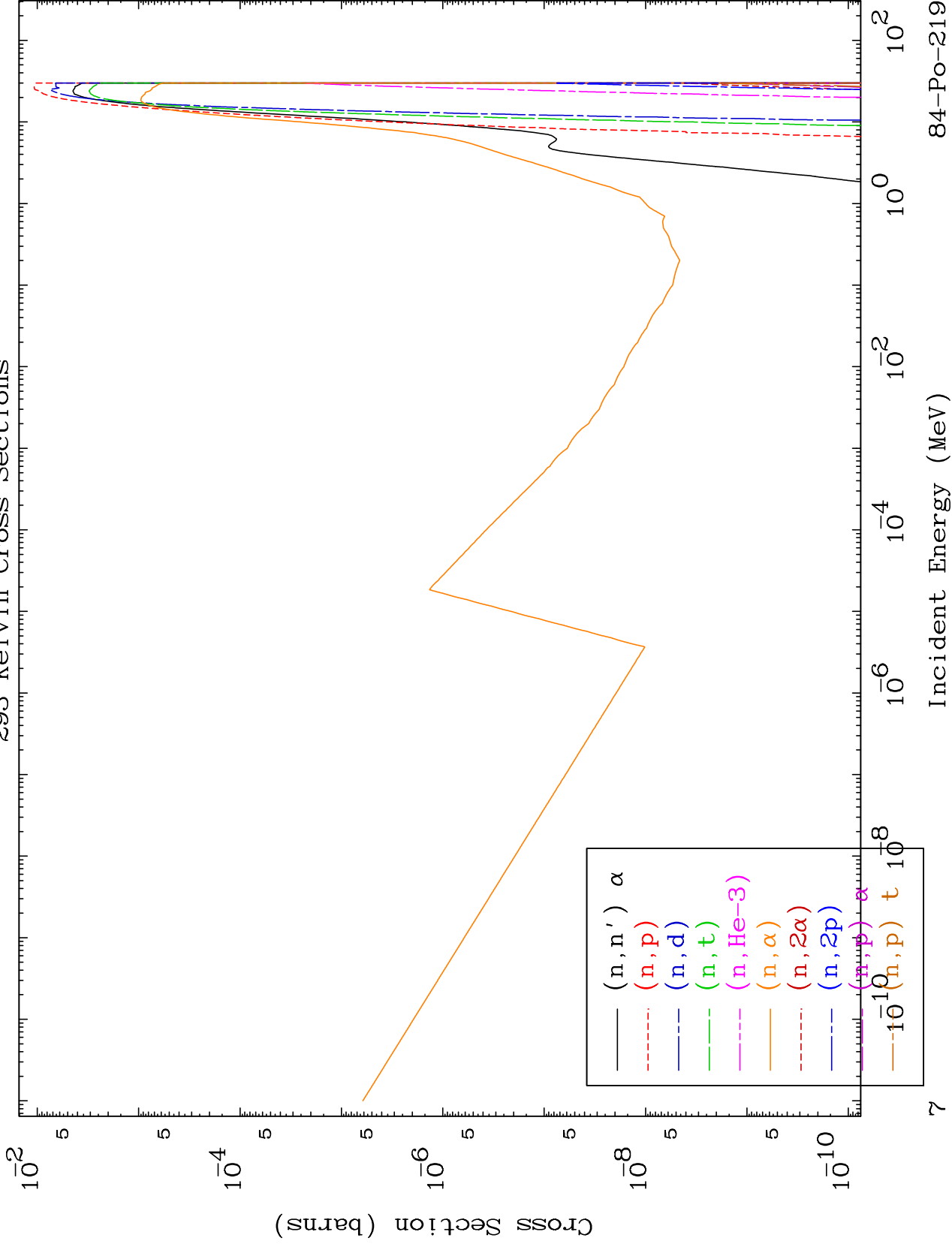
84-Po-219



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Charged Particle
293 Kelvin Cross Sections

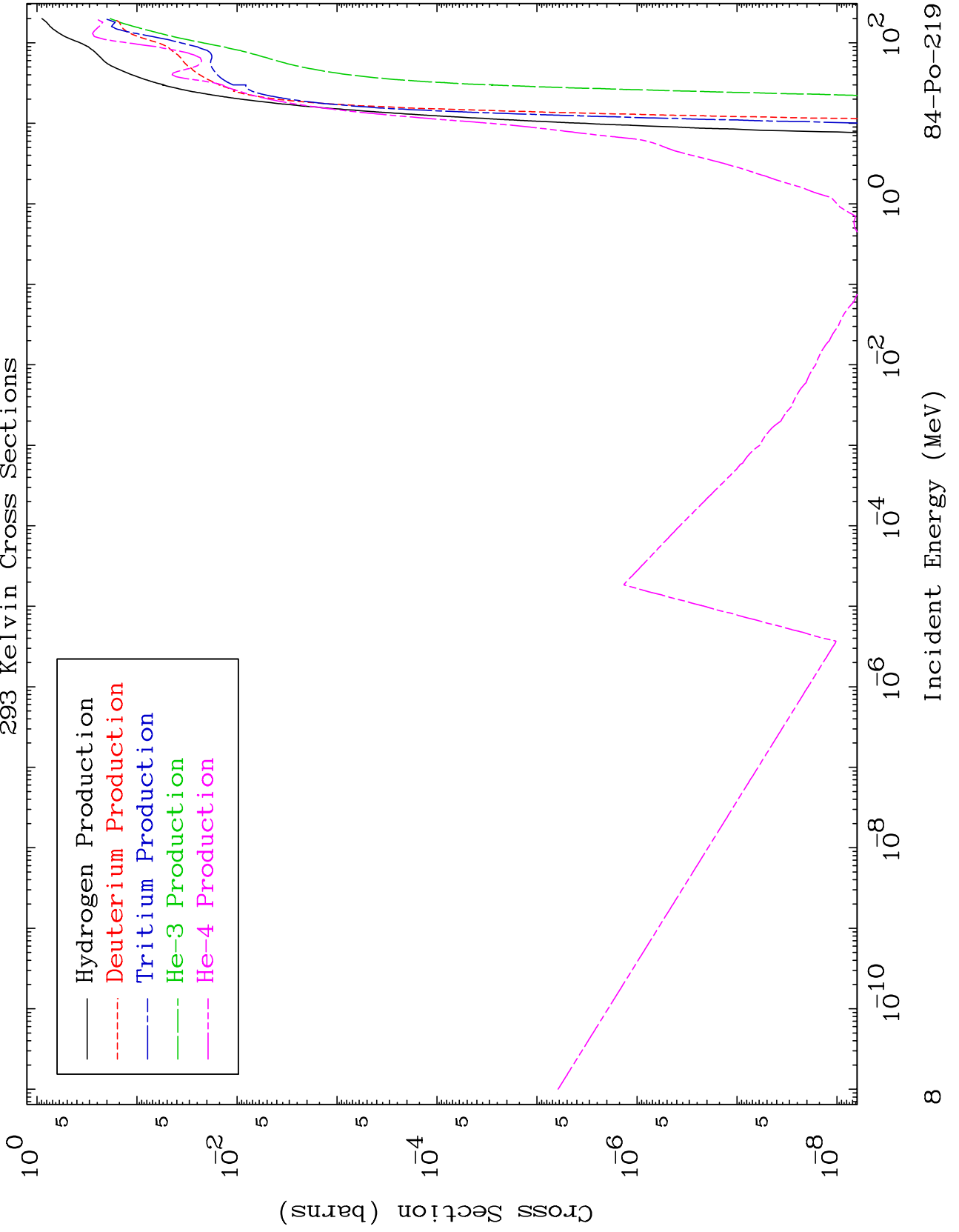
84-Po-219



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Particle Production
293 Kelvin Cross Sections

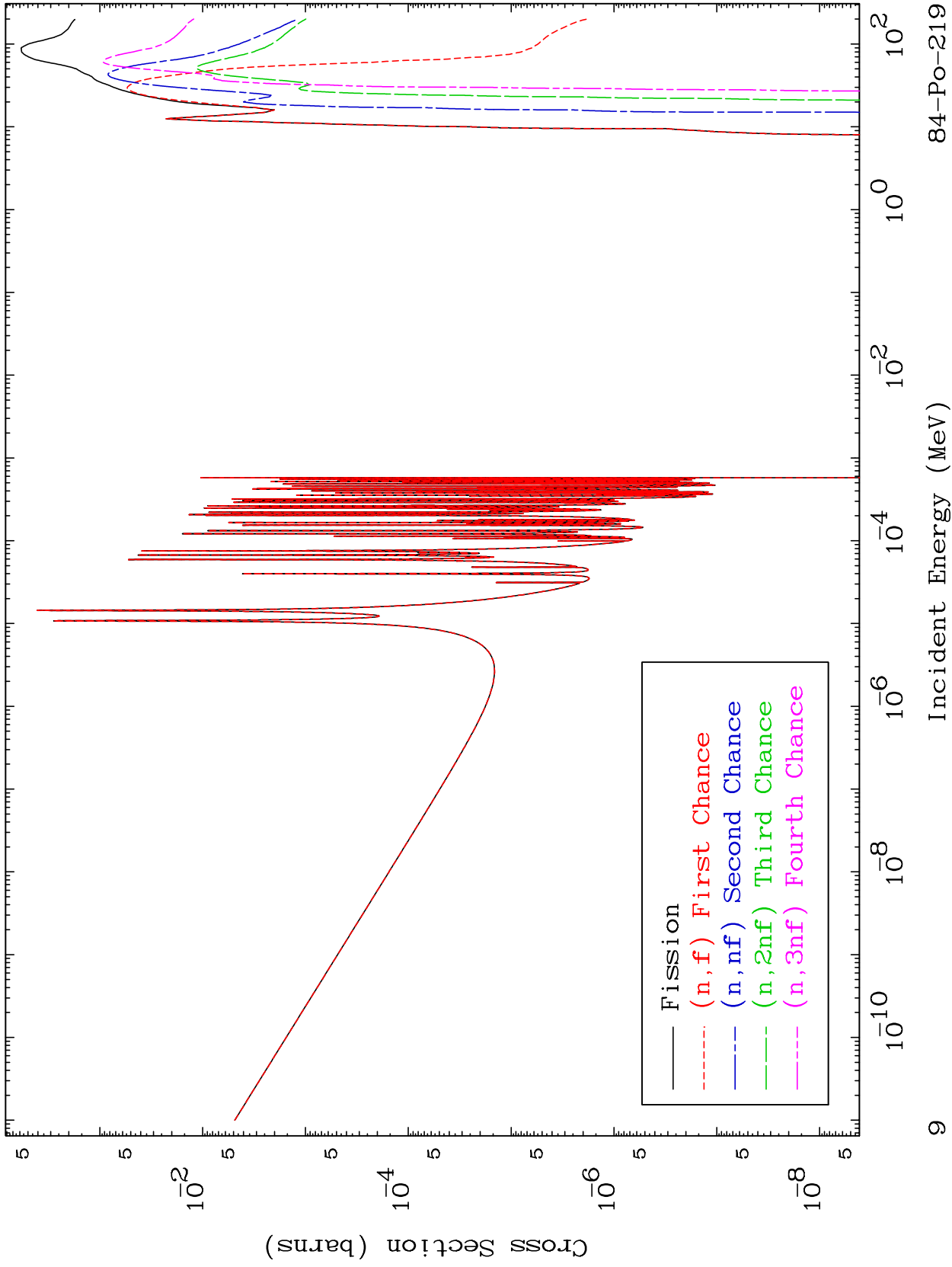
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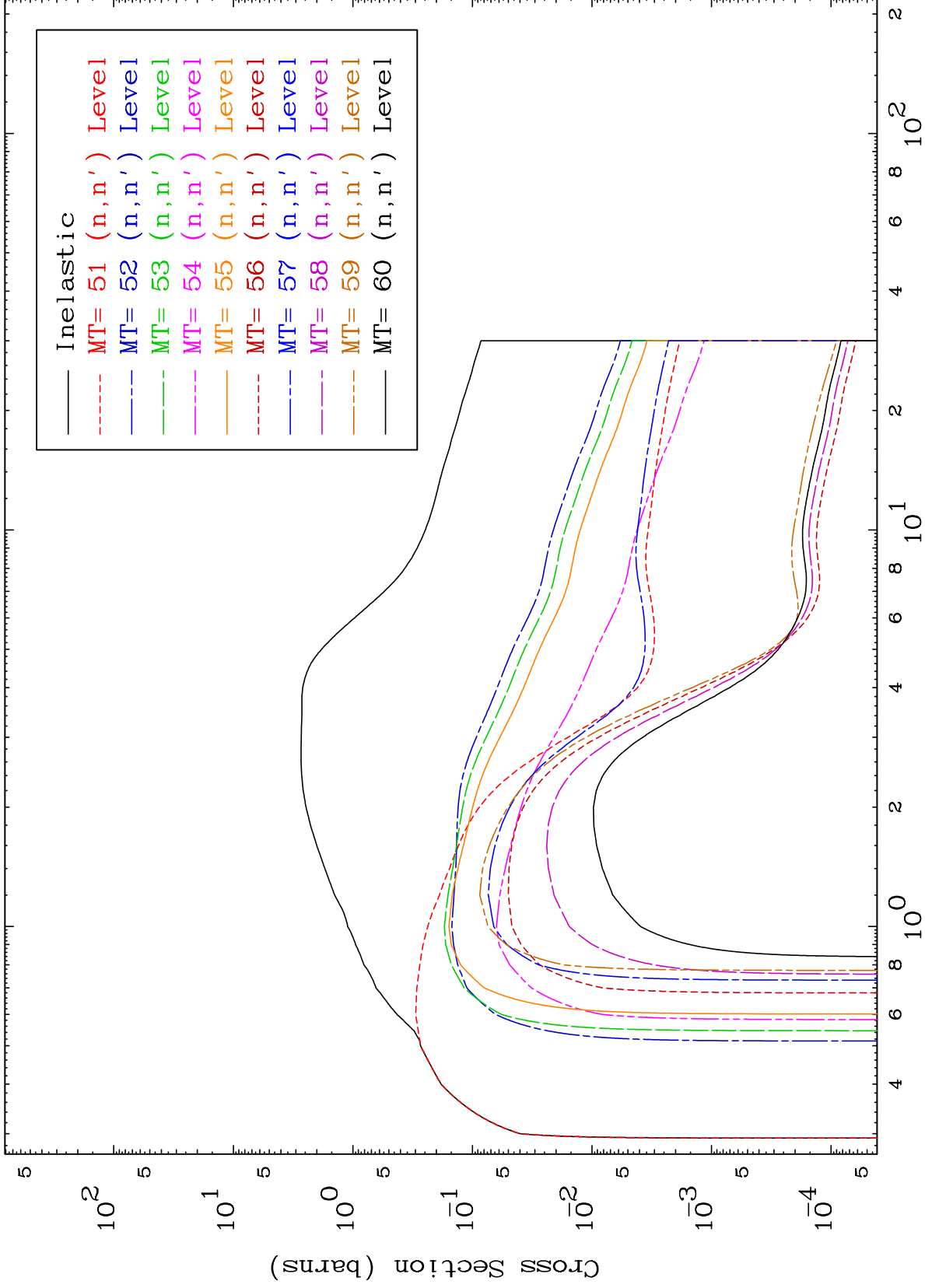
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Fission
293 Kelvin Cross Sections

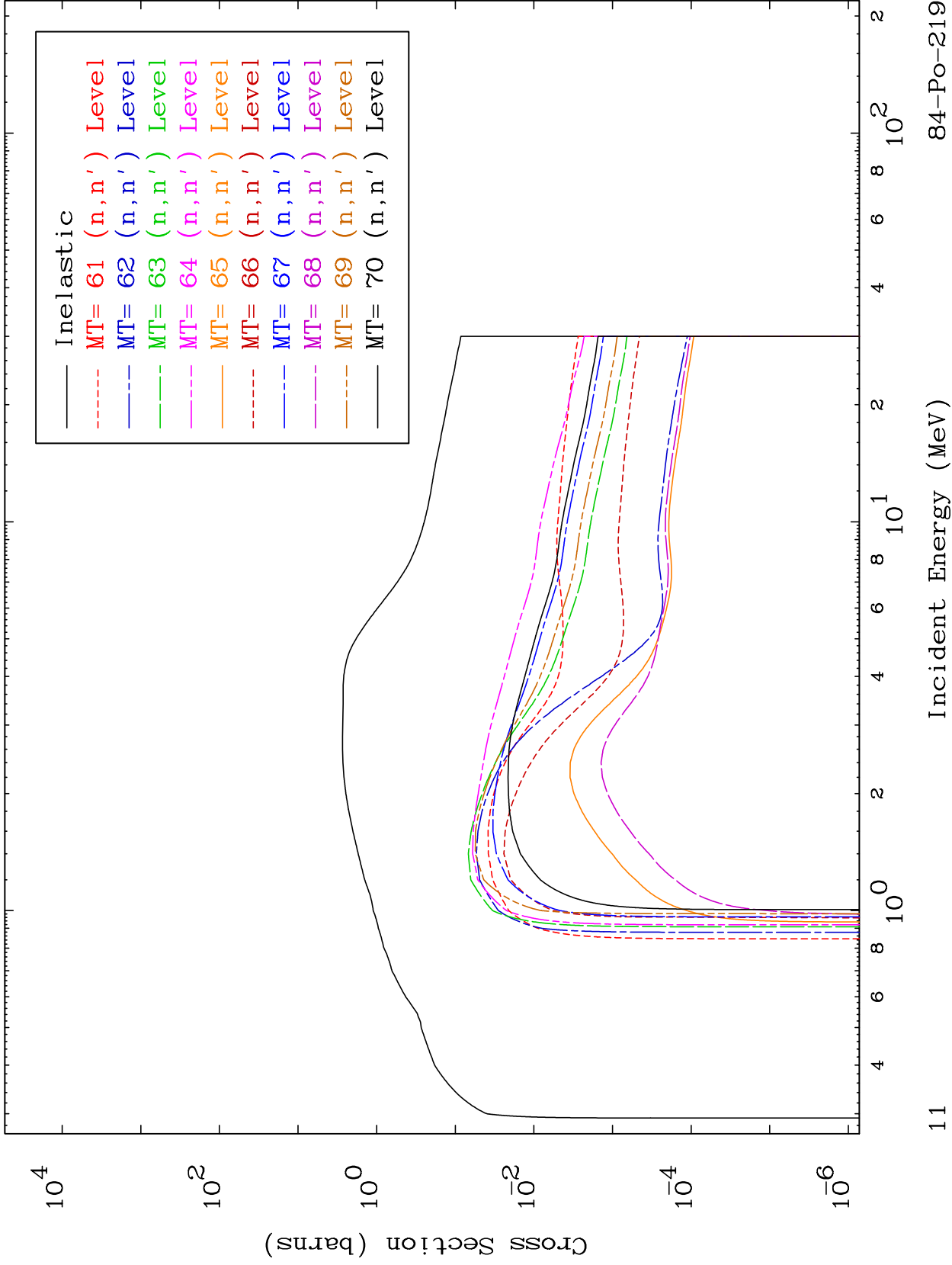
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293 Kelvin Cross Sections



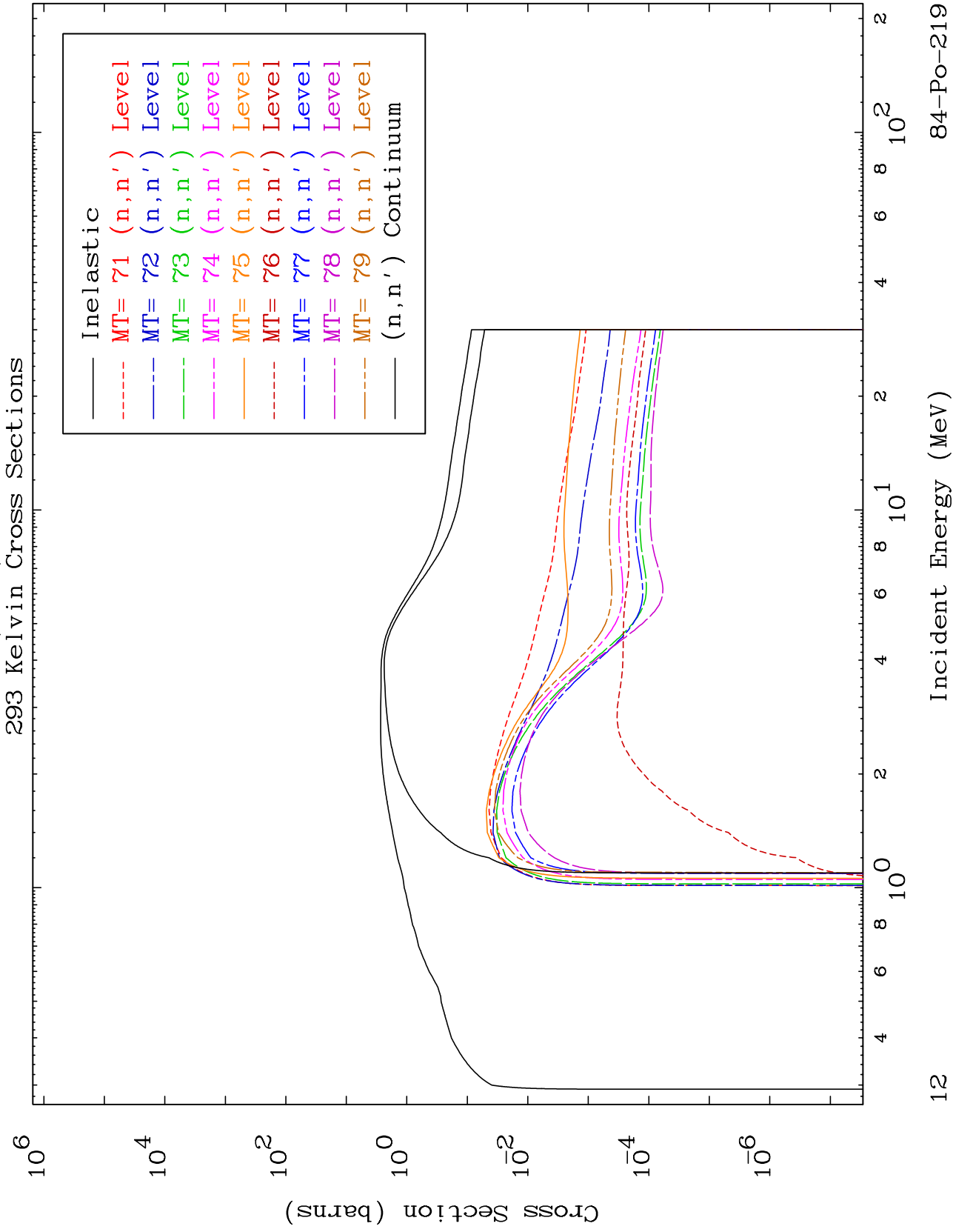
293 Kelvin Cross Sections



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(n,n') Levels

84-Po-219



12

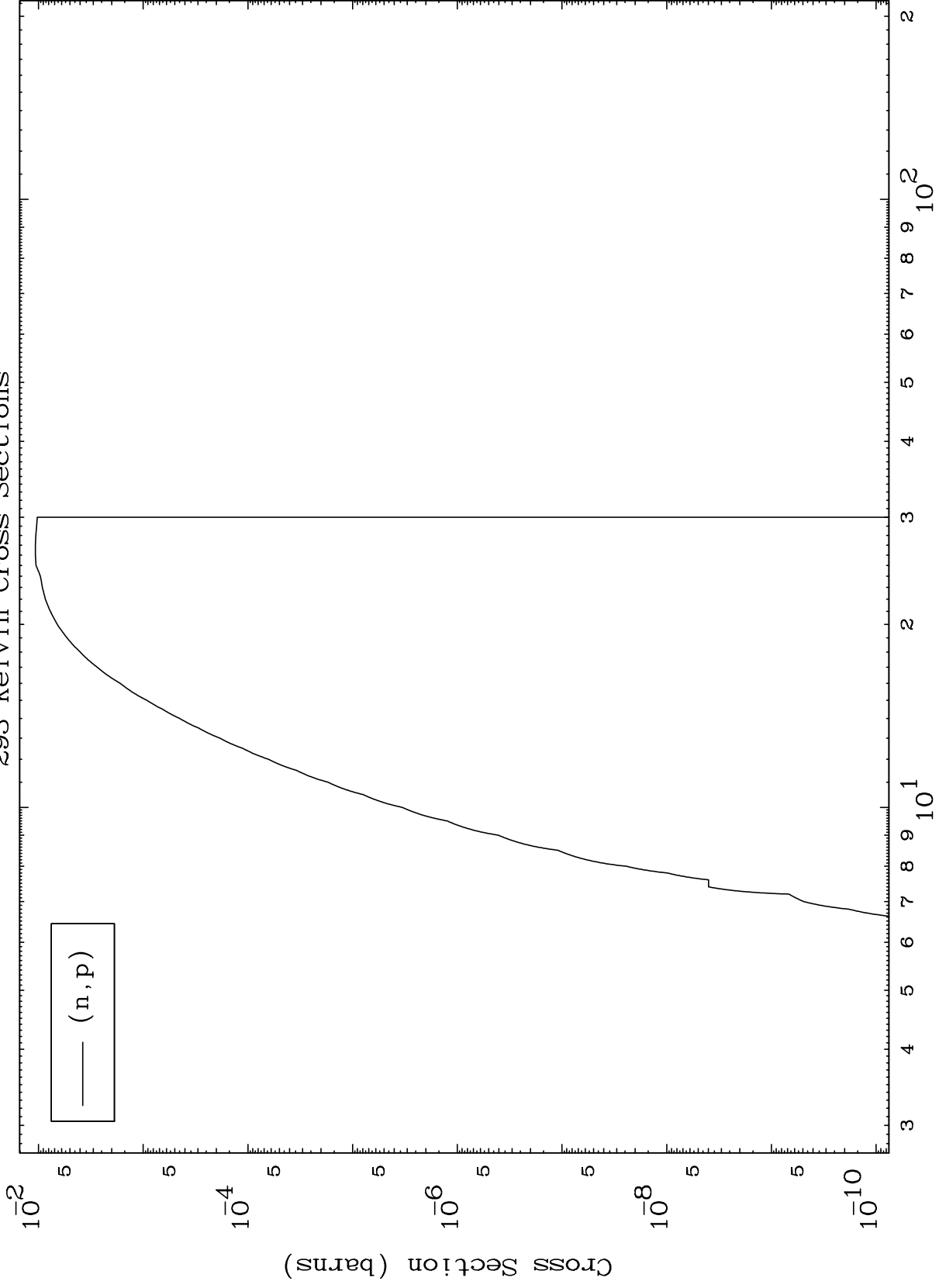
Incident Energy (MeV)

84-Po-219

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(n,p) Levels
293 Kelvin Cross Sections

84-Po-219



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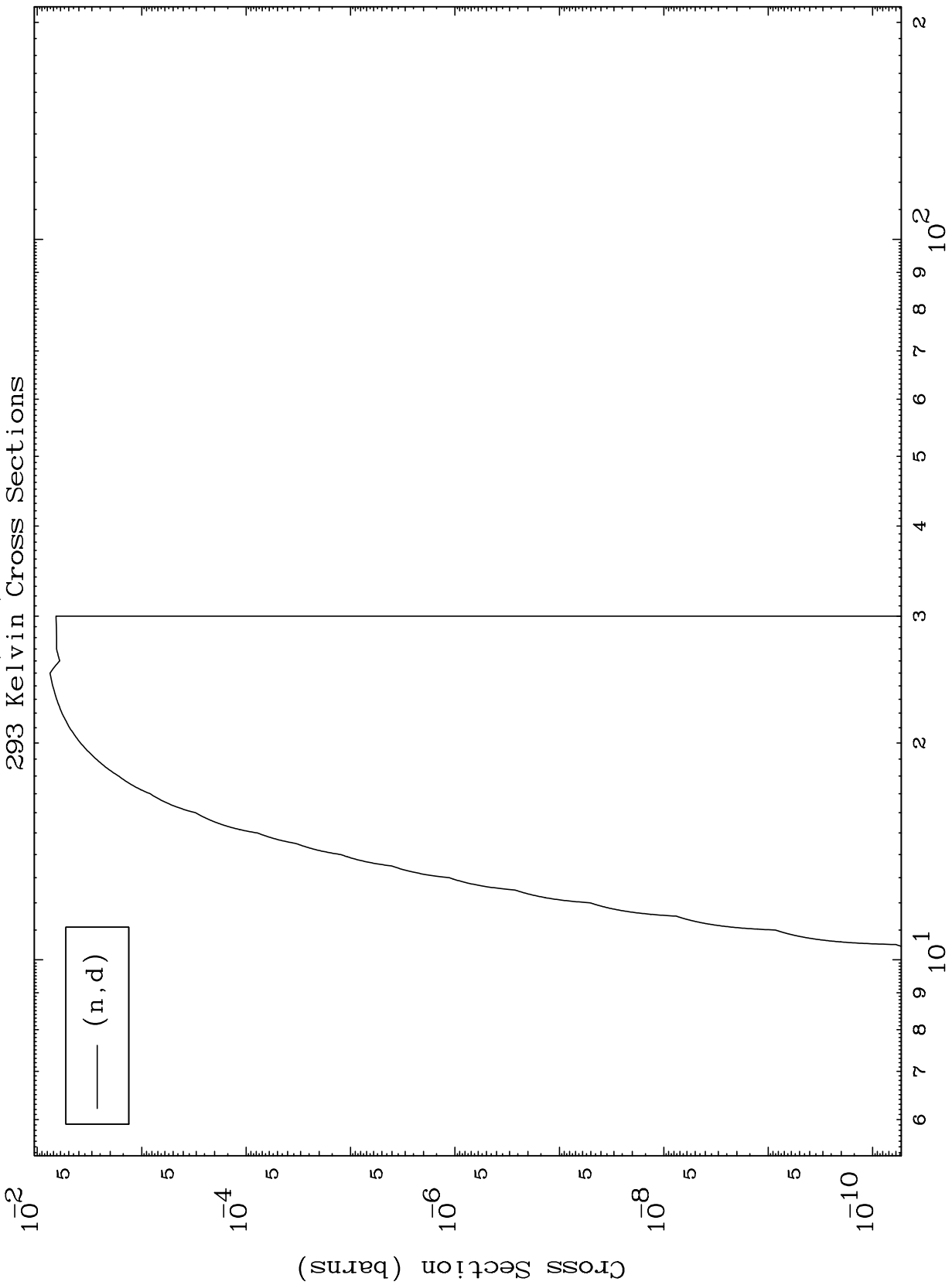
Incident Energy (MeV)

84-Po-219

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84-Po-219

(n,d) Levels
293 Kelvin Cross Sections



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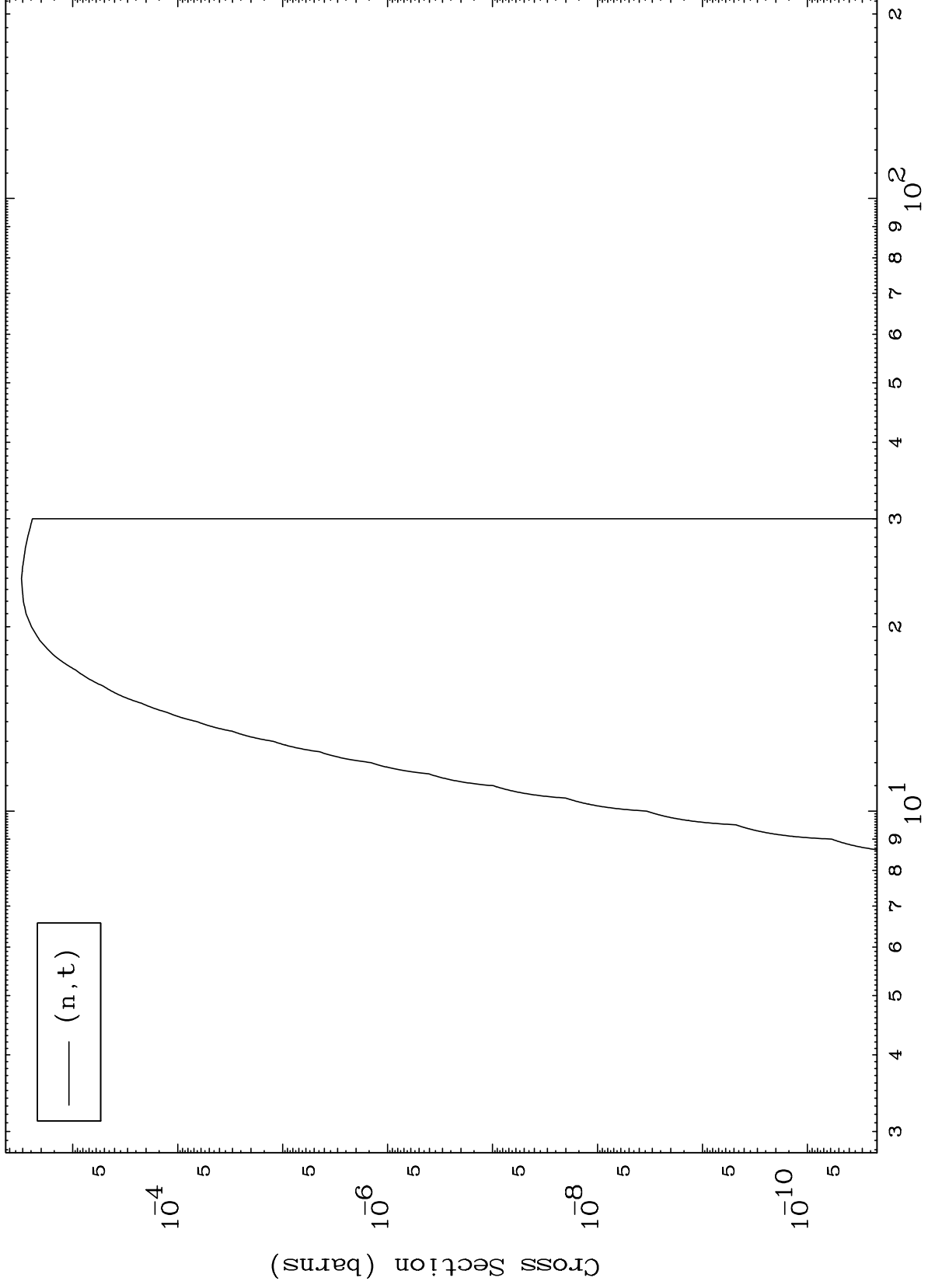
84-Po-219

Incident Energy (MeV)

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(n,t) Levels
293 Kelvin Cross Sections

84-Po-219



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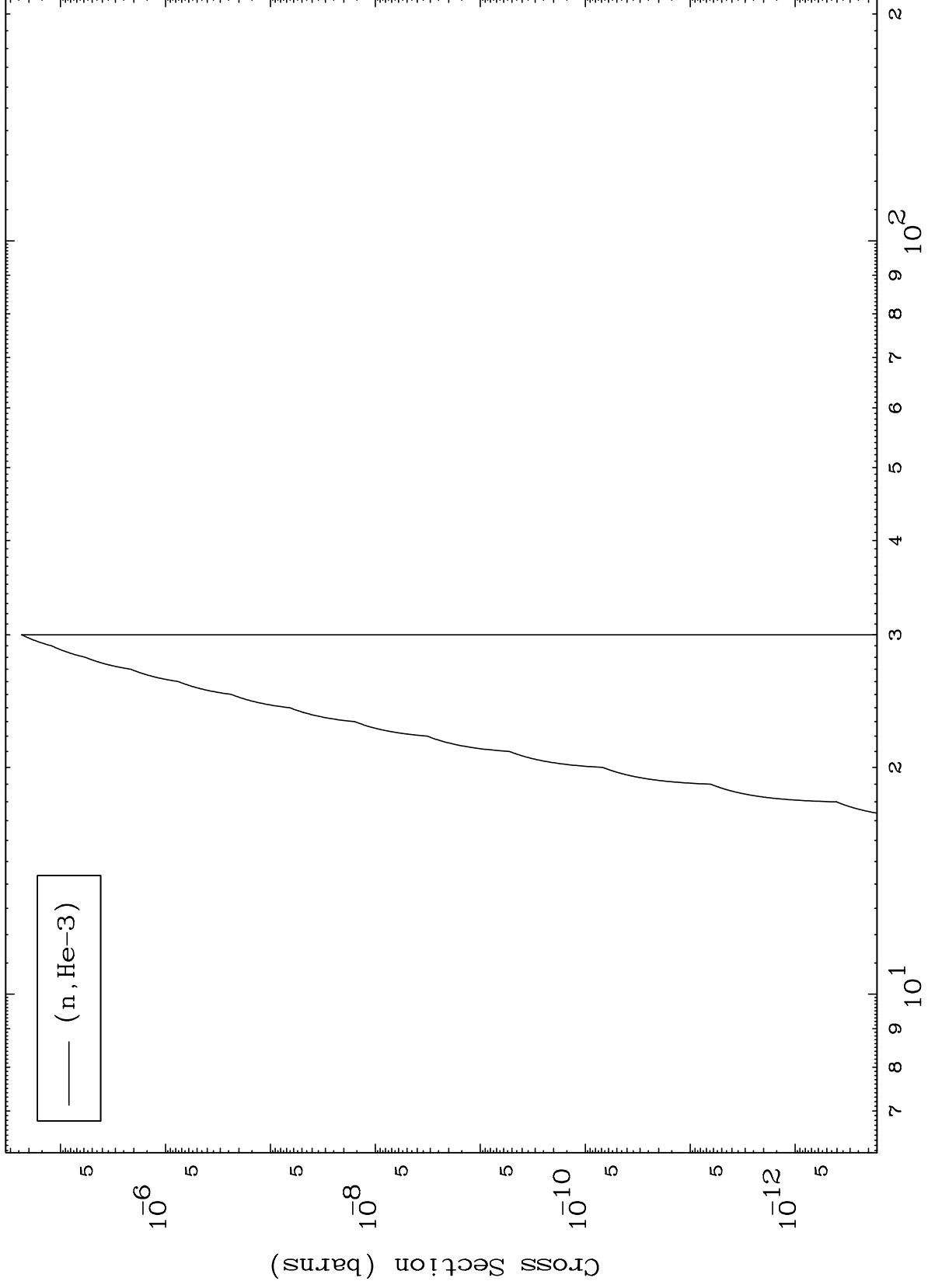
Incident Energy (MeV)

84-Po-219

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(n,He3) Levels
293 Kelvin Cross Sections

84-Po-219



16

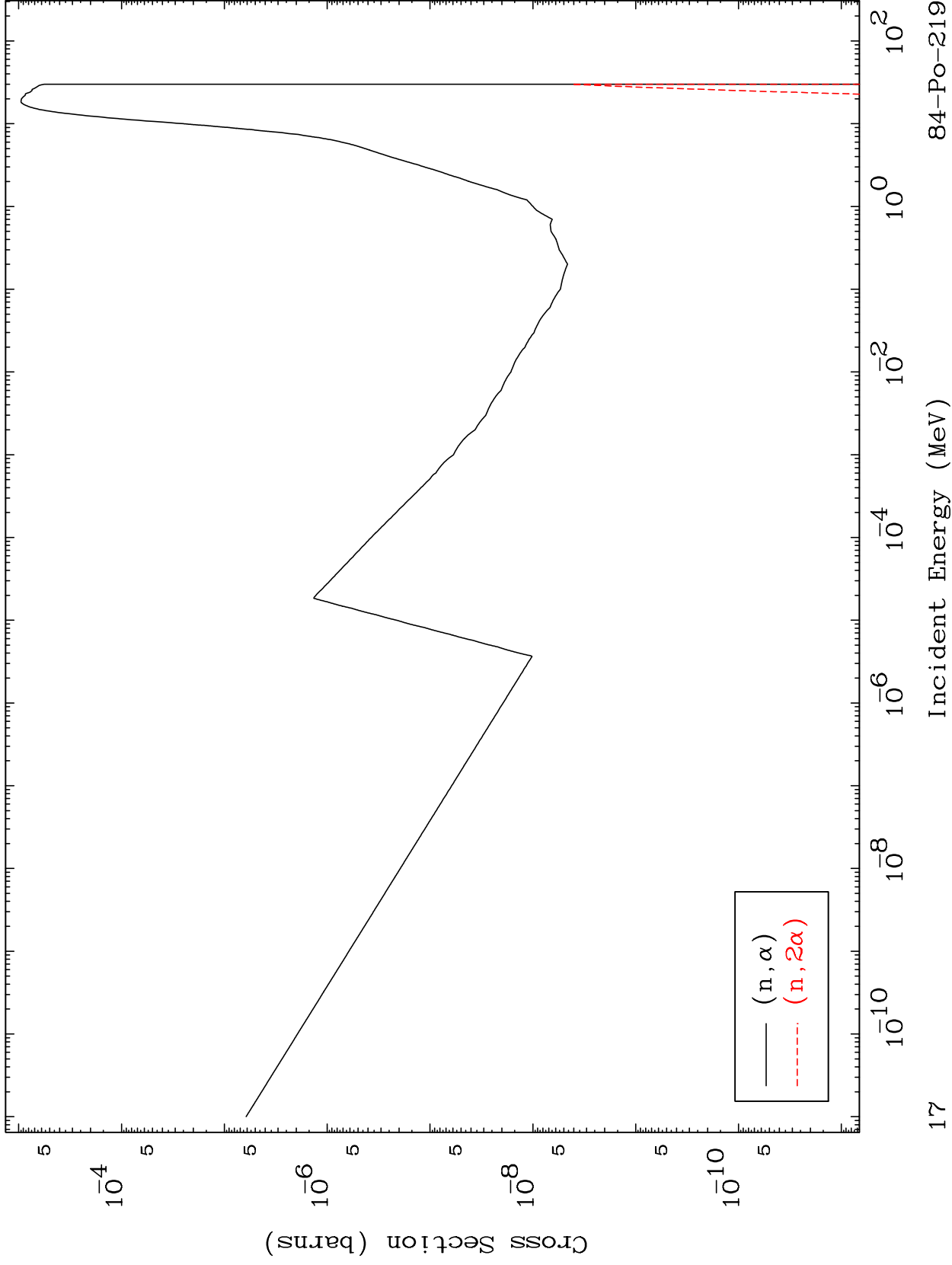
Incident Energy (MeV)

84-Po-219

MAT 8464

(n,α) Levels
293 Kelvin Cross Sections

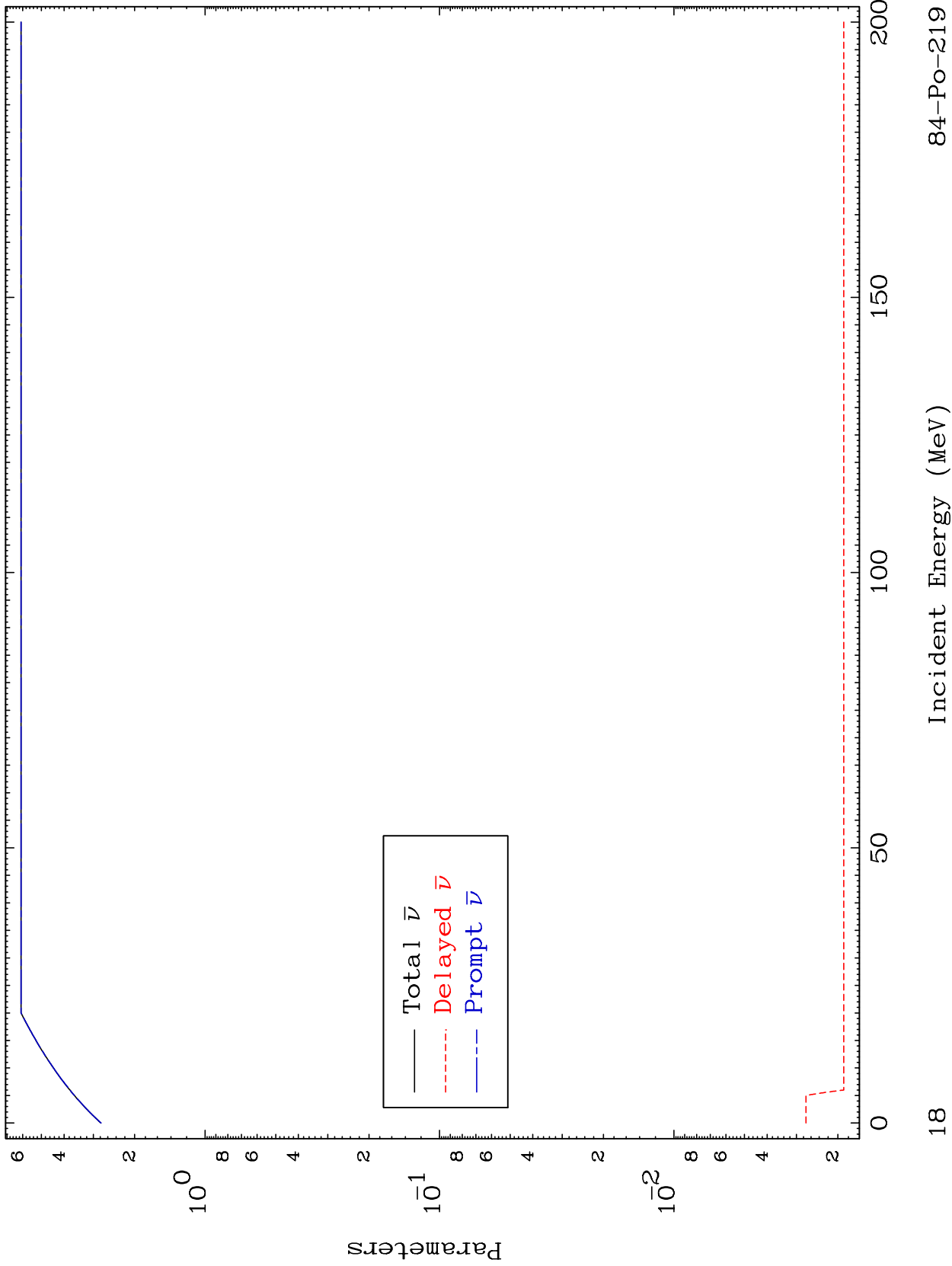
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Energy Release
Parameters

84-Po-219



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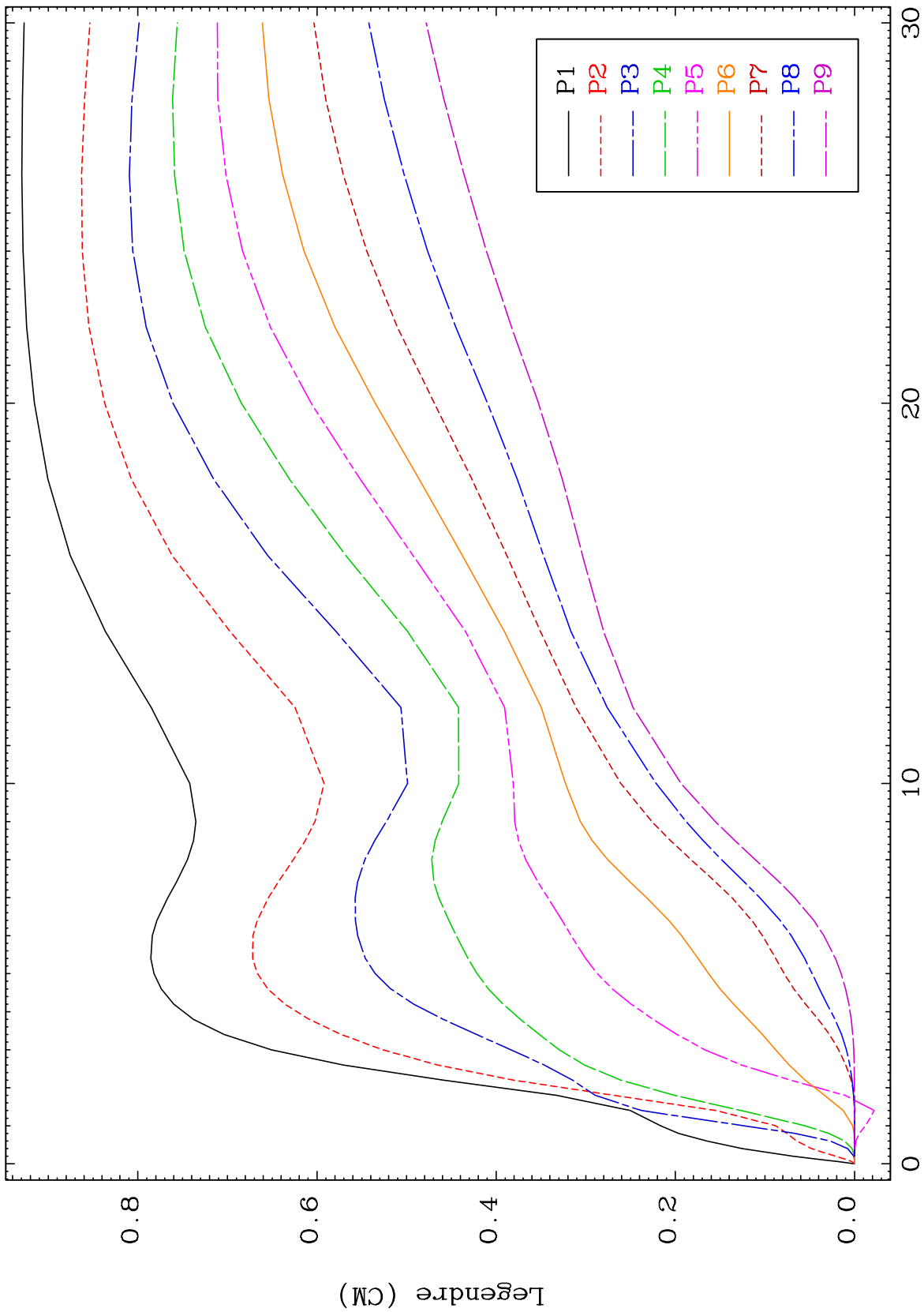
Incident Energy (MeV)

84-Po-219

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84-Po-219

Elastic Legendre Coefficients



19

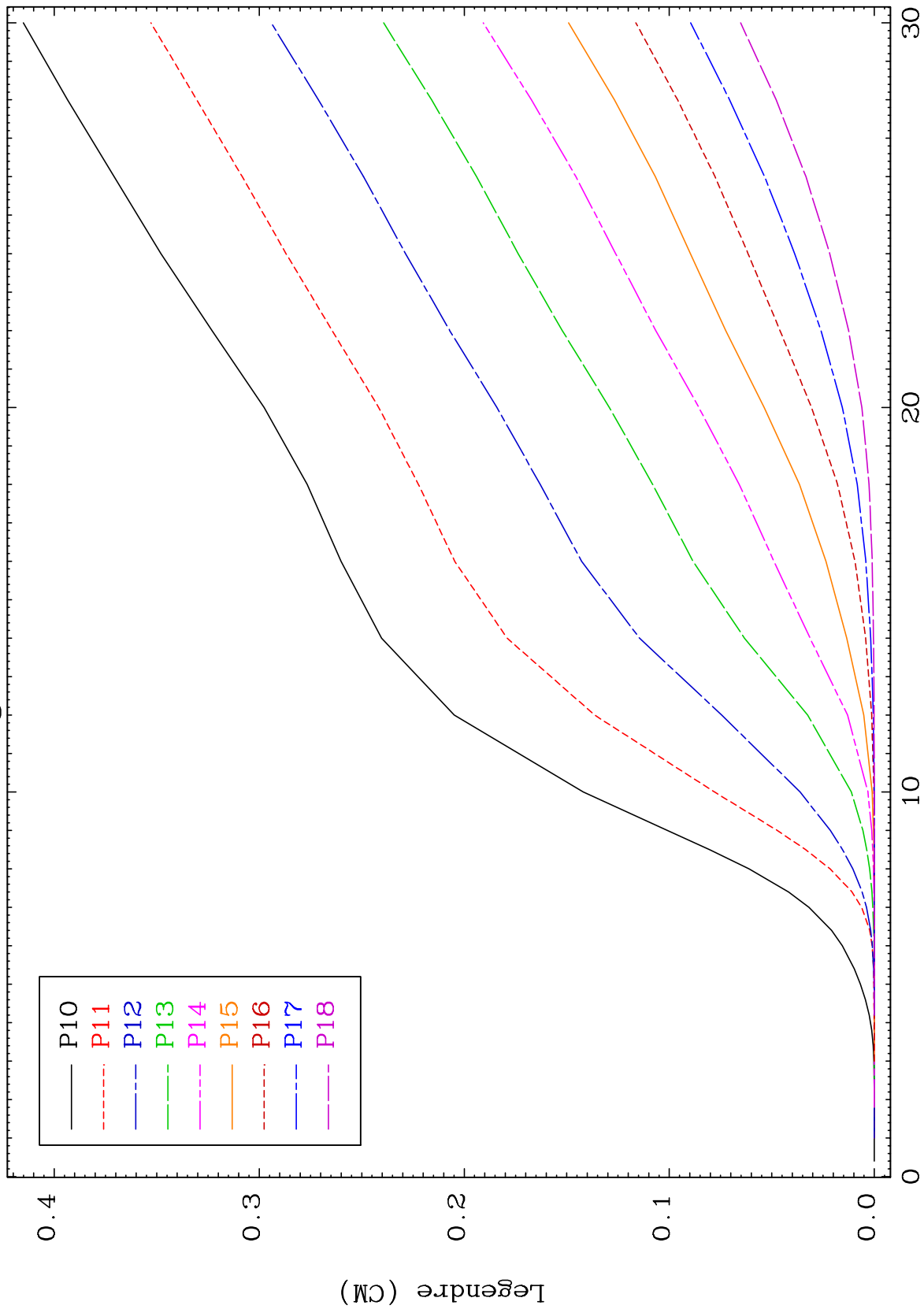
Incident Energy (MeV)

84-Po-219

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Elastic Legendre Coefficients

84-Po-219



20

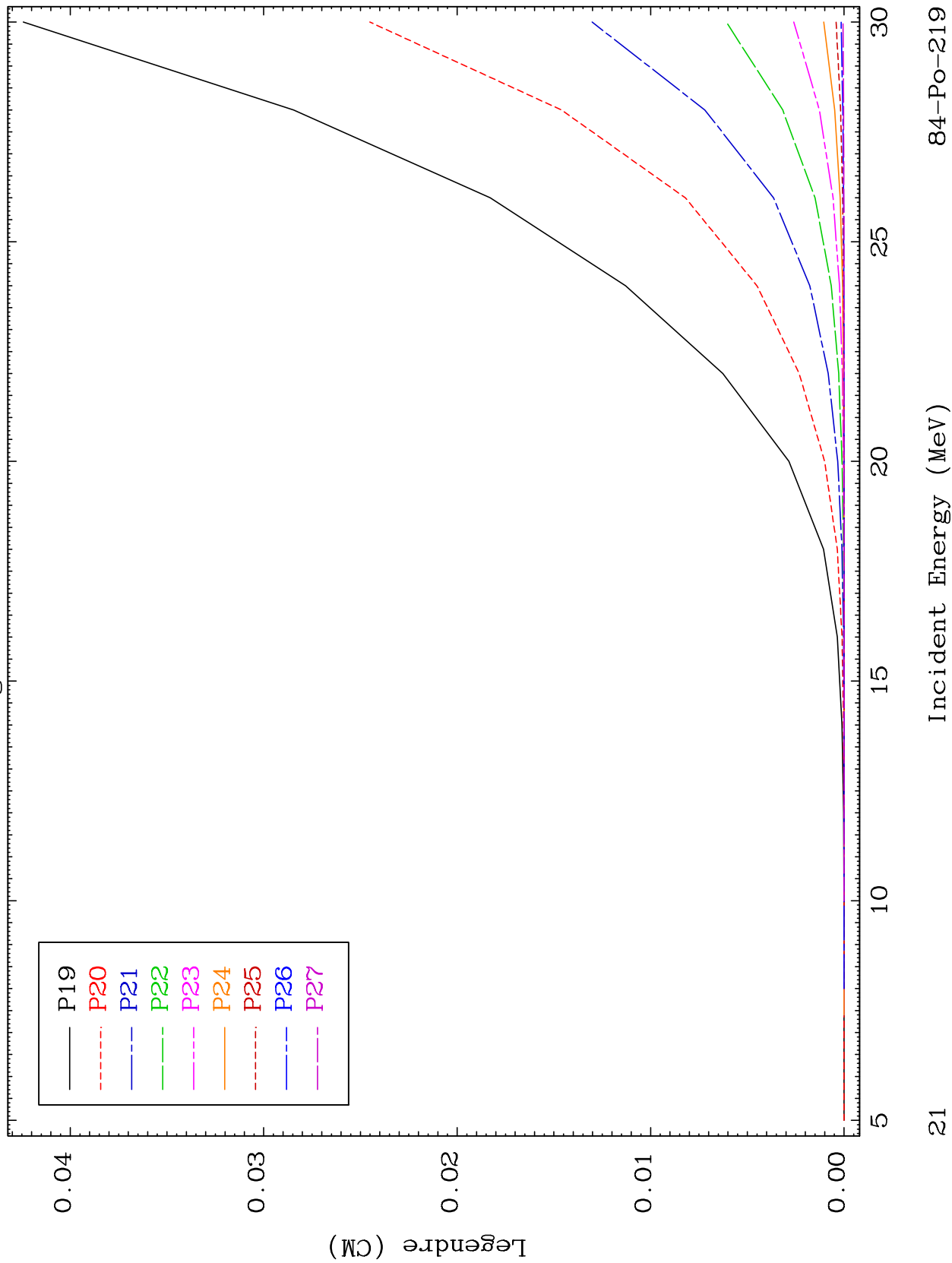
Incident Energy (MeV)

84-Po-219

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Elastic Legendre Coefficients

84-Po-219



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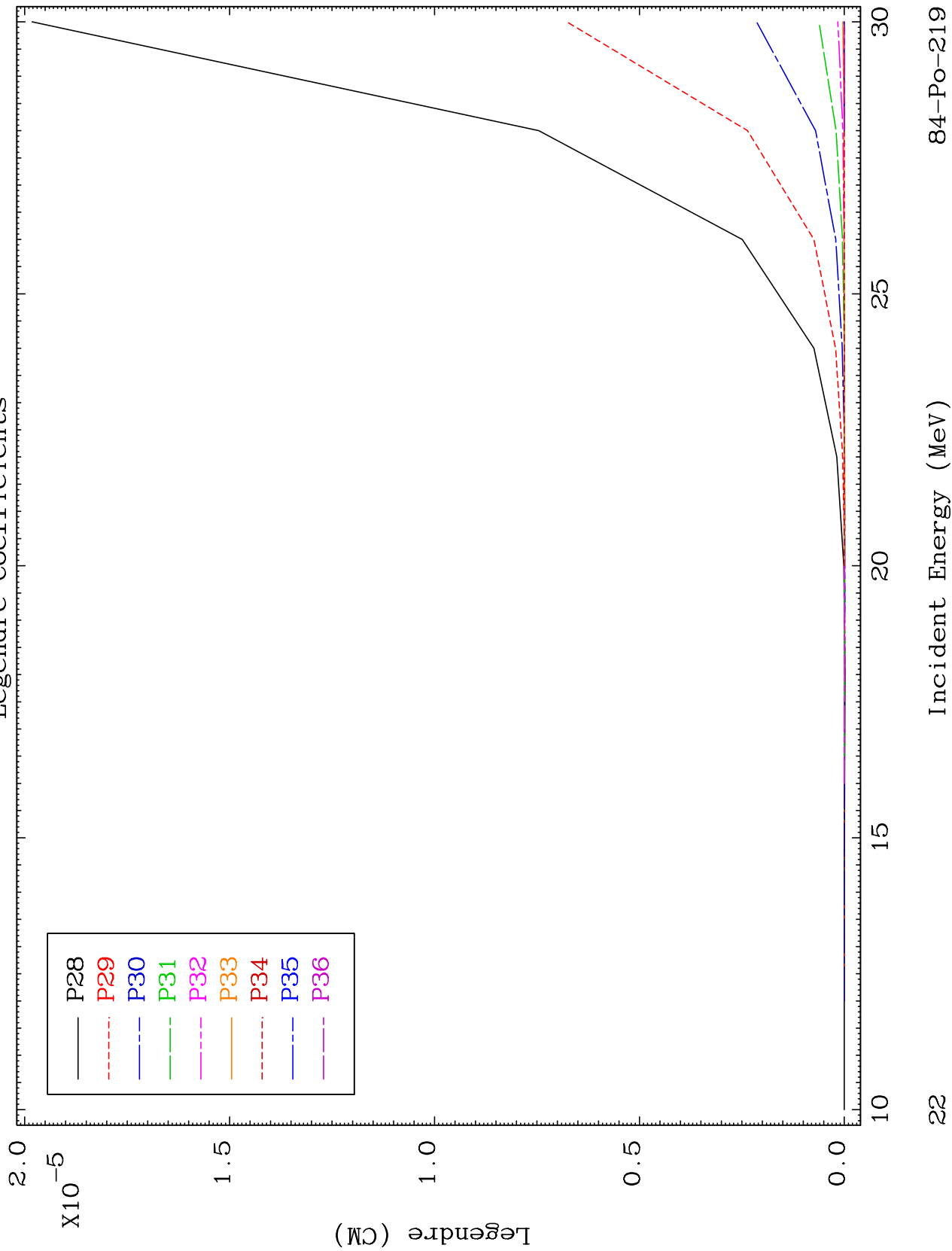
Incident Energy (MeV)

84-Po-219

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Elastic
Legendre Coefficients

84-Po-219

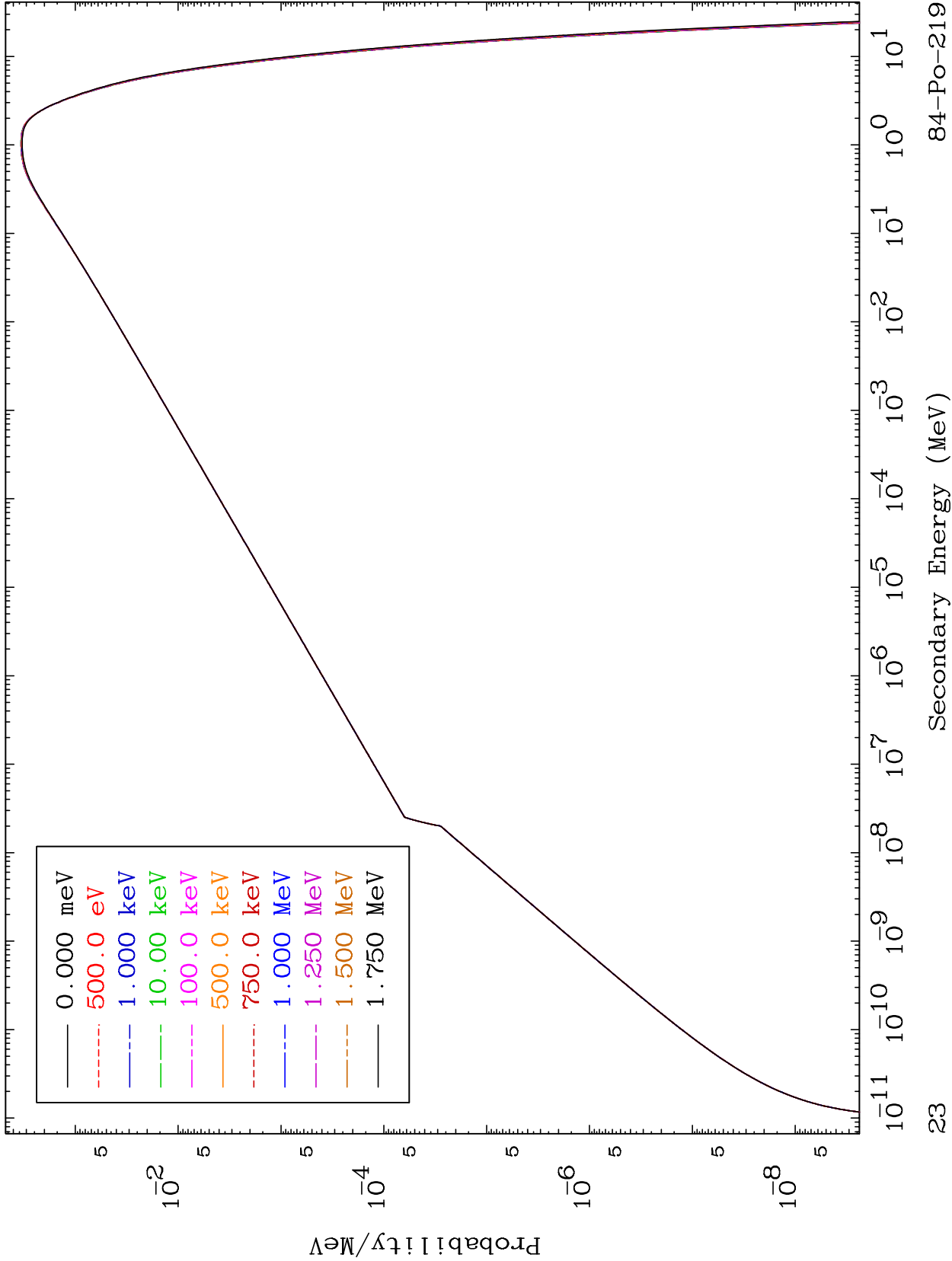


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Incident Energy (MeV)

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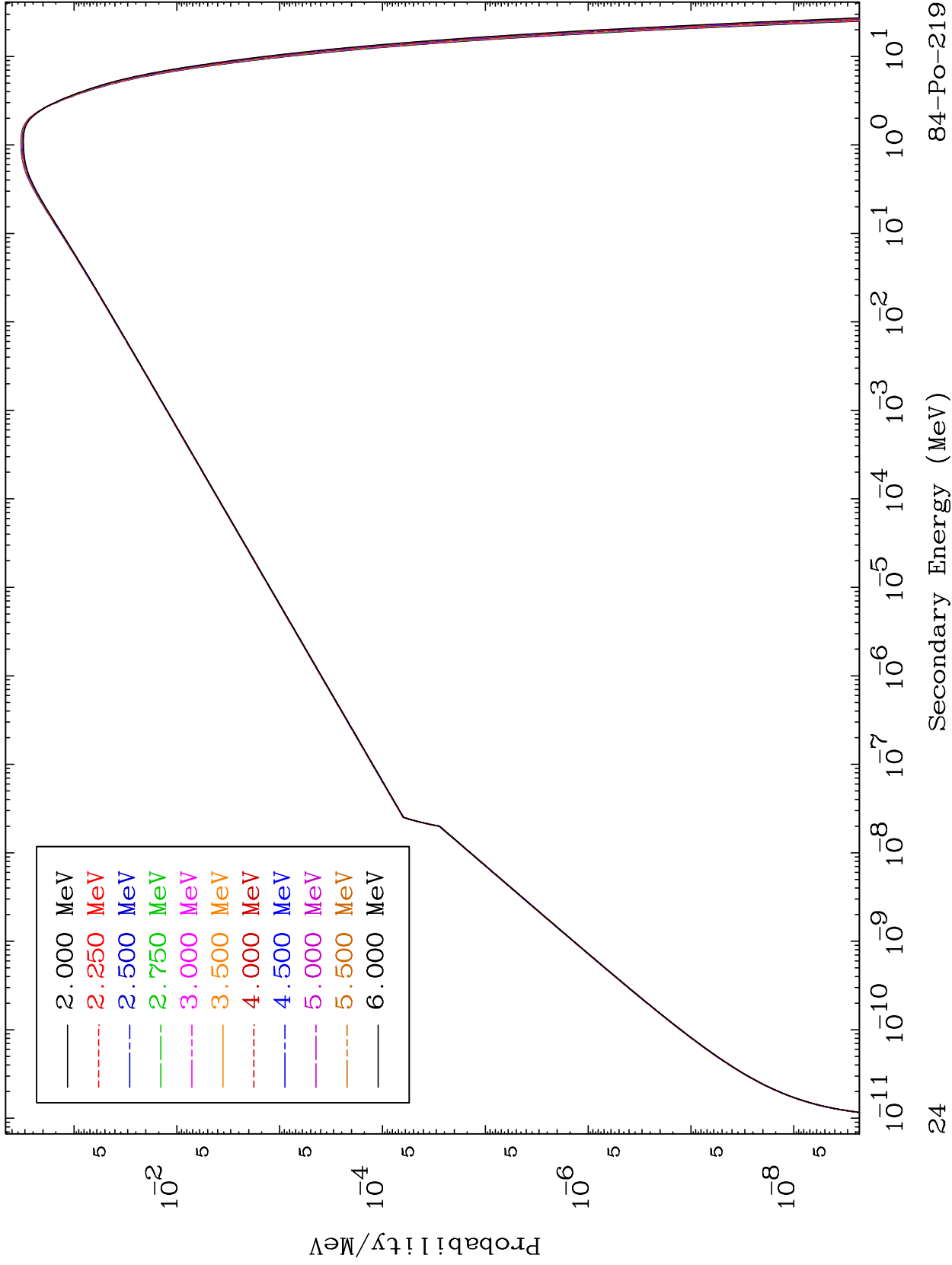
Fission Energy Distributions



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Fission Energy Distributions

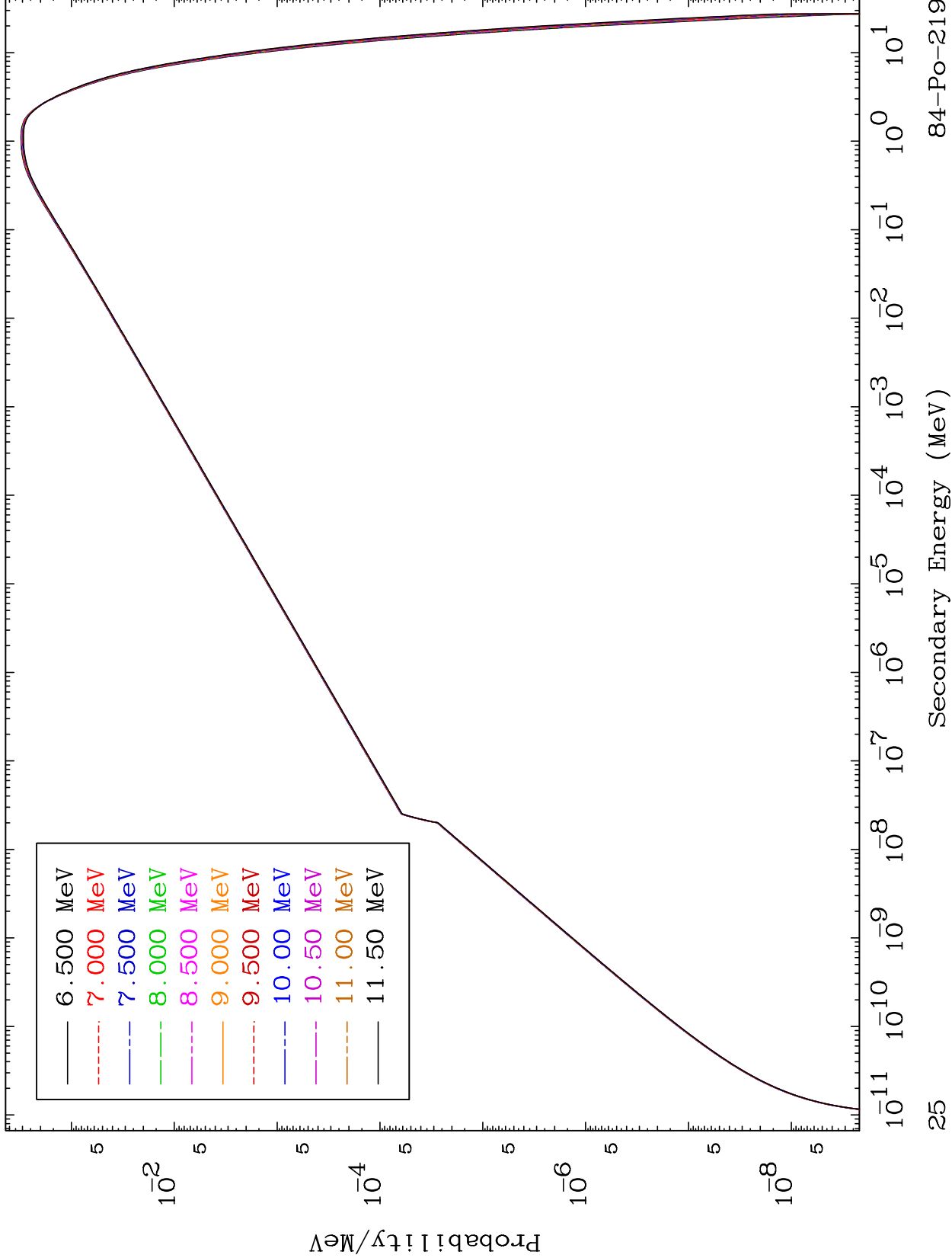
84-Po-219



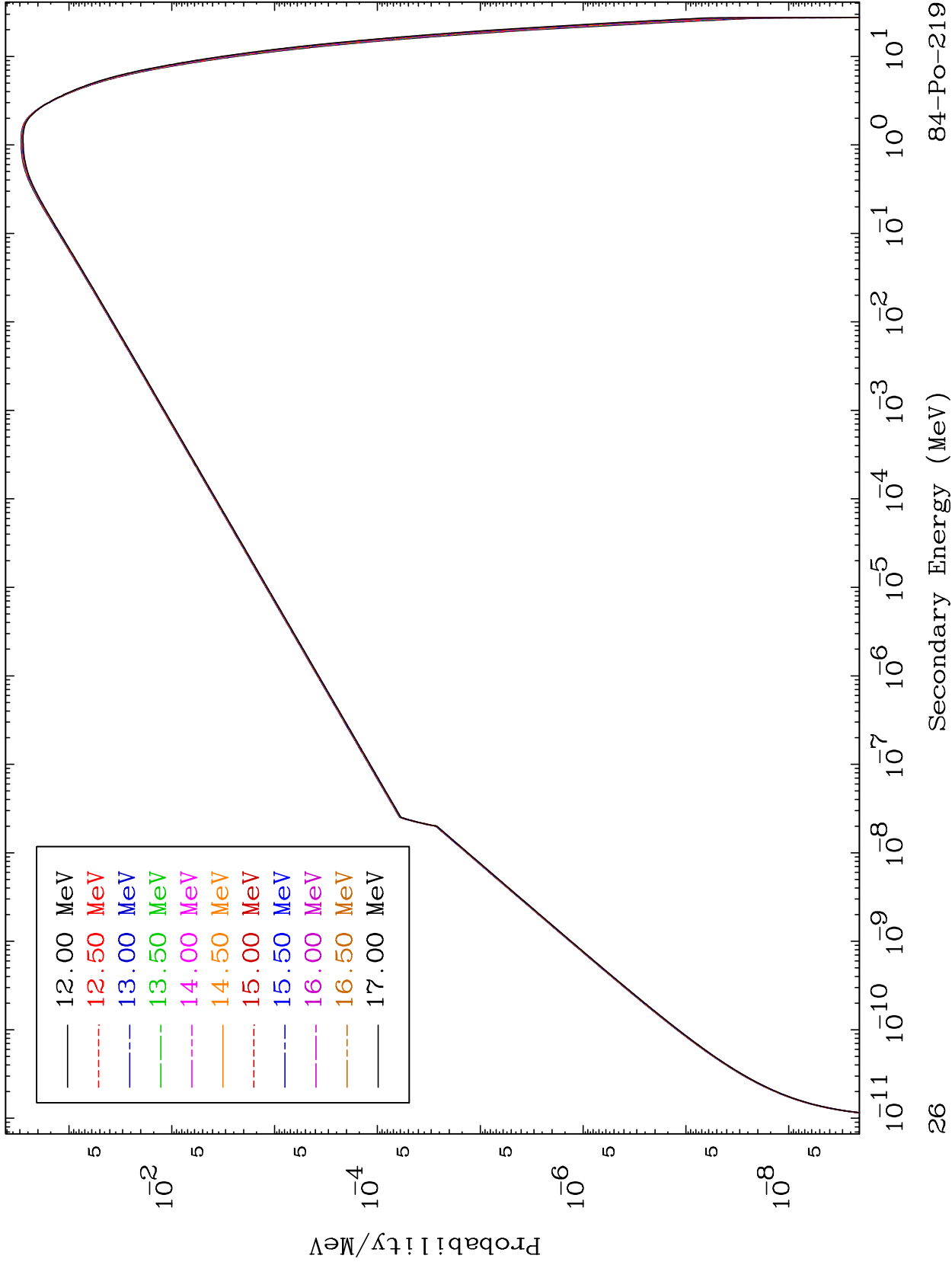
24

84-Po-219

Fission Energy Distributions



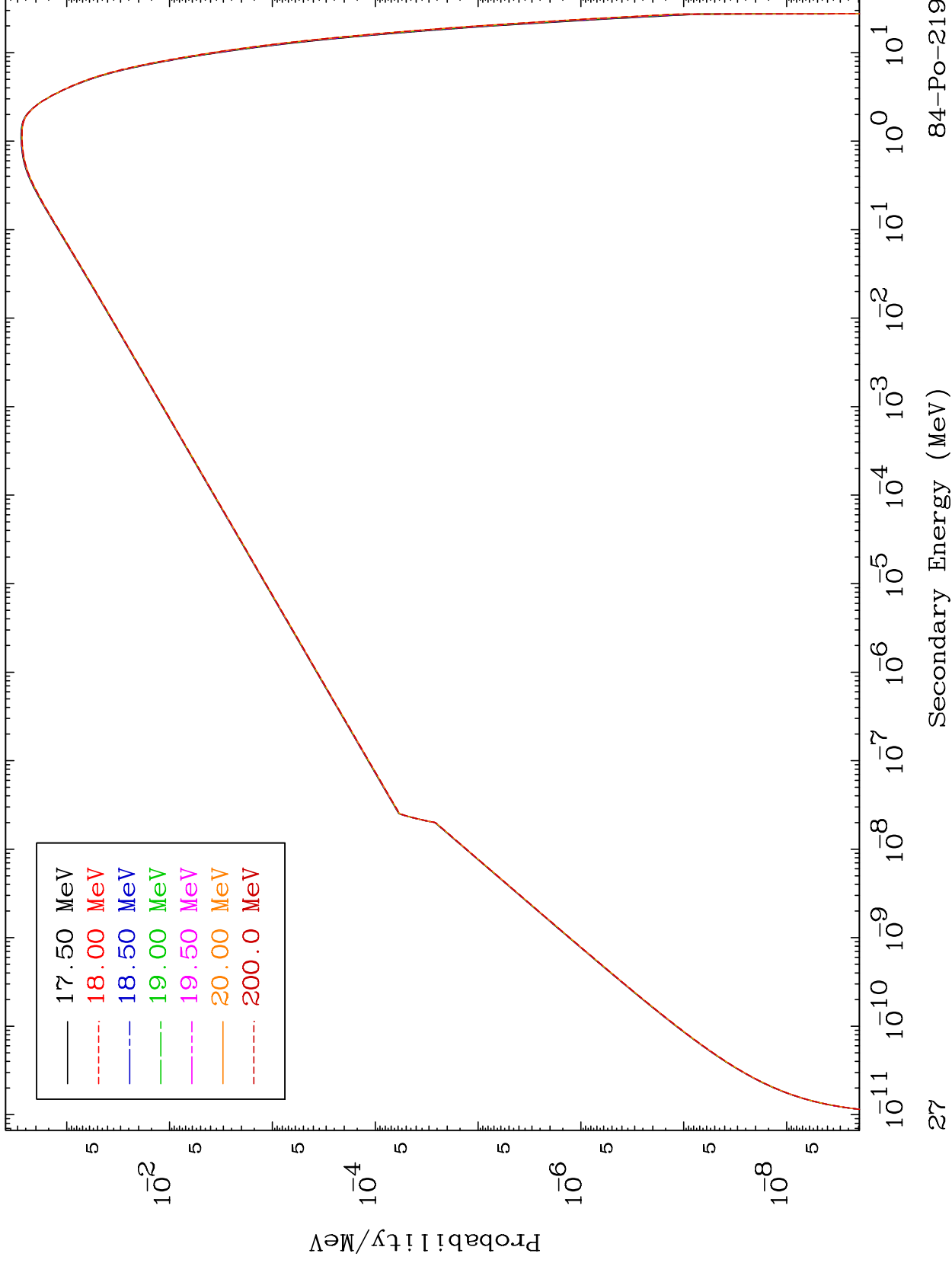
Fission Energy Distributions



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Fission Energy Distributions

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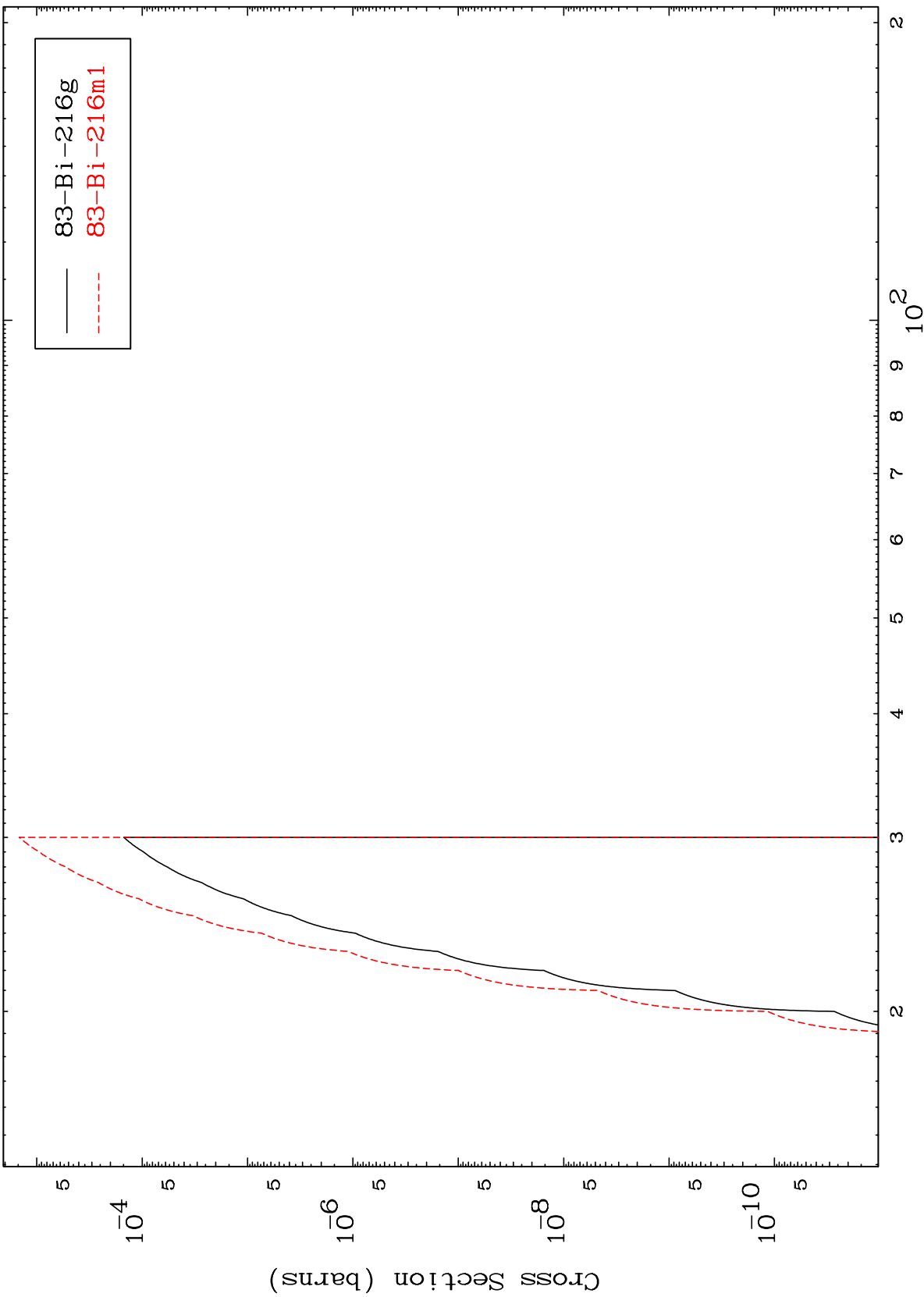


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Secondary Energy (MeV)

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Radionuclide Production Cross Section

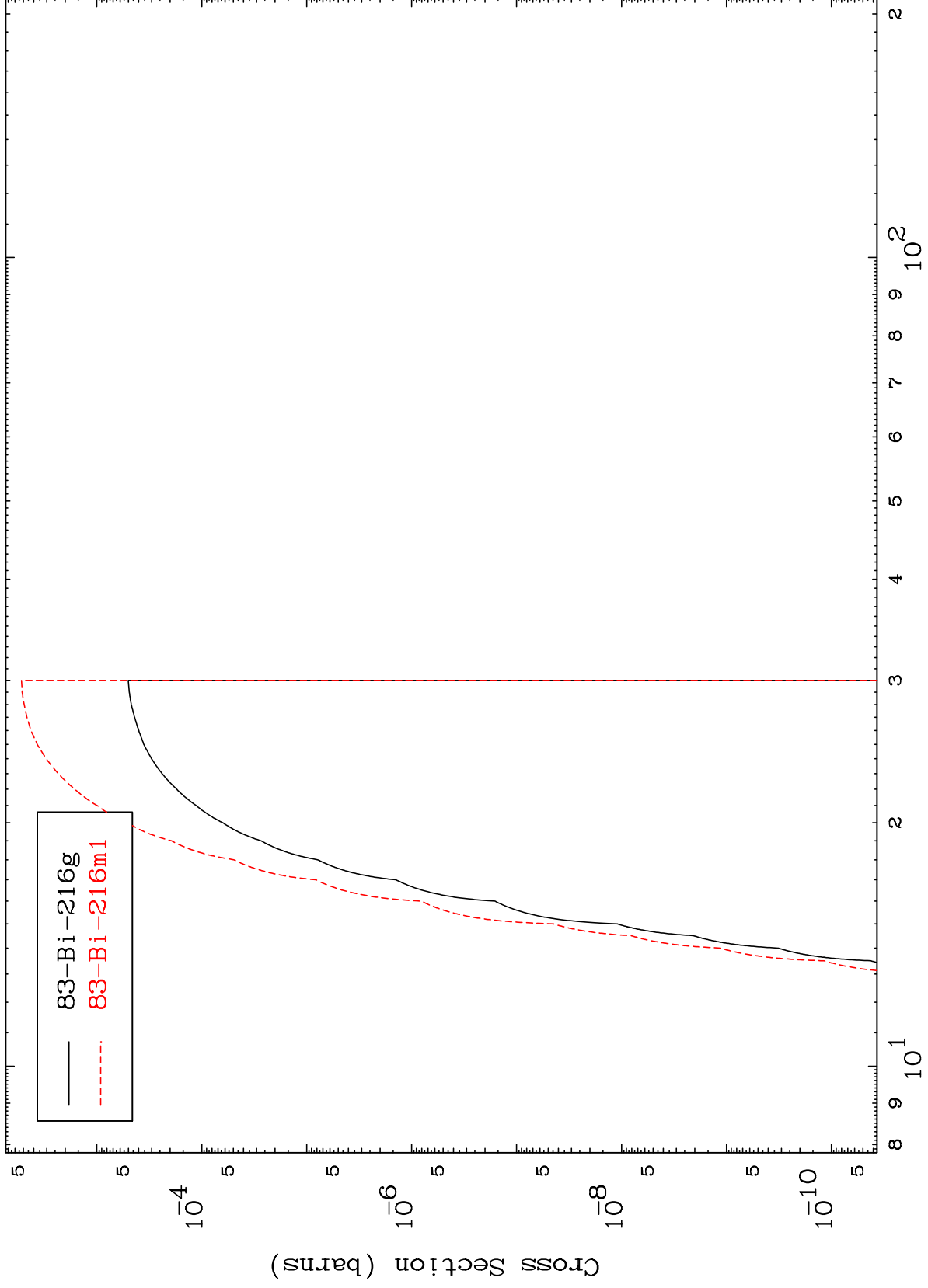


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(n,n') t

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Radionuclide Production Cross Section



29

Incident Energy (MeV)

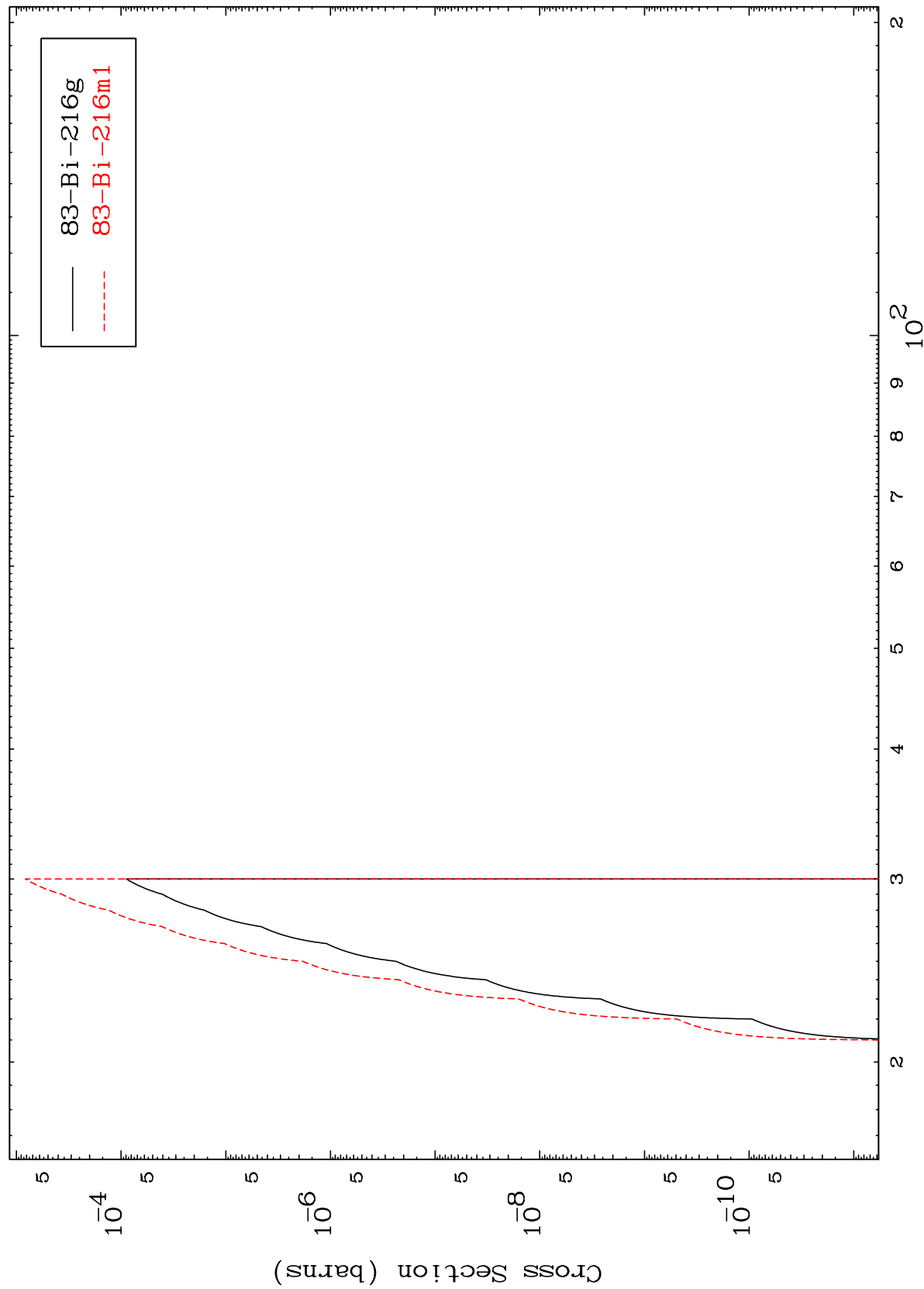
84-Po-219

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(n,3n) p

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Radionuclide Production Cross Section



30

Incident Energy (MeV)

84-Po-219