

Program EVALPLOT
(Version 2015-2)

by

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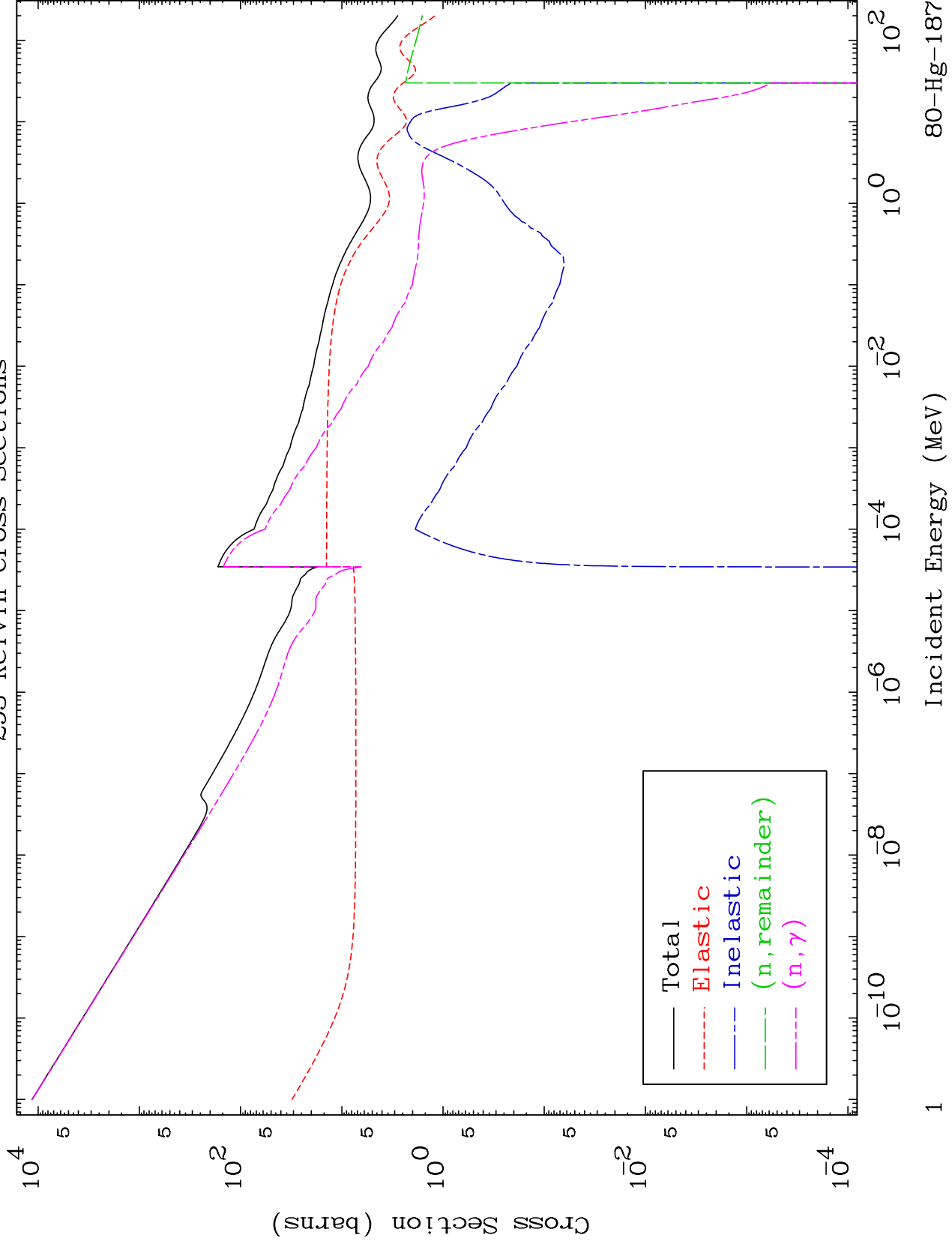
Press Mouse Button to Start

MAT 7999

Major

293 Kelvin Cross Sections

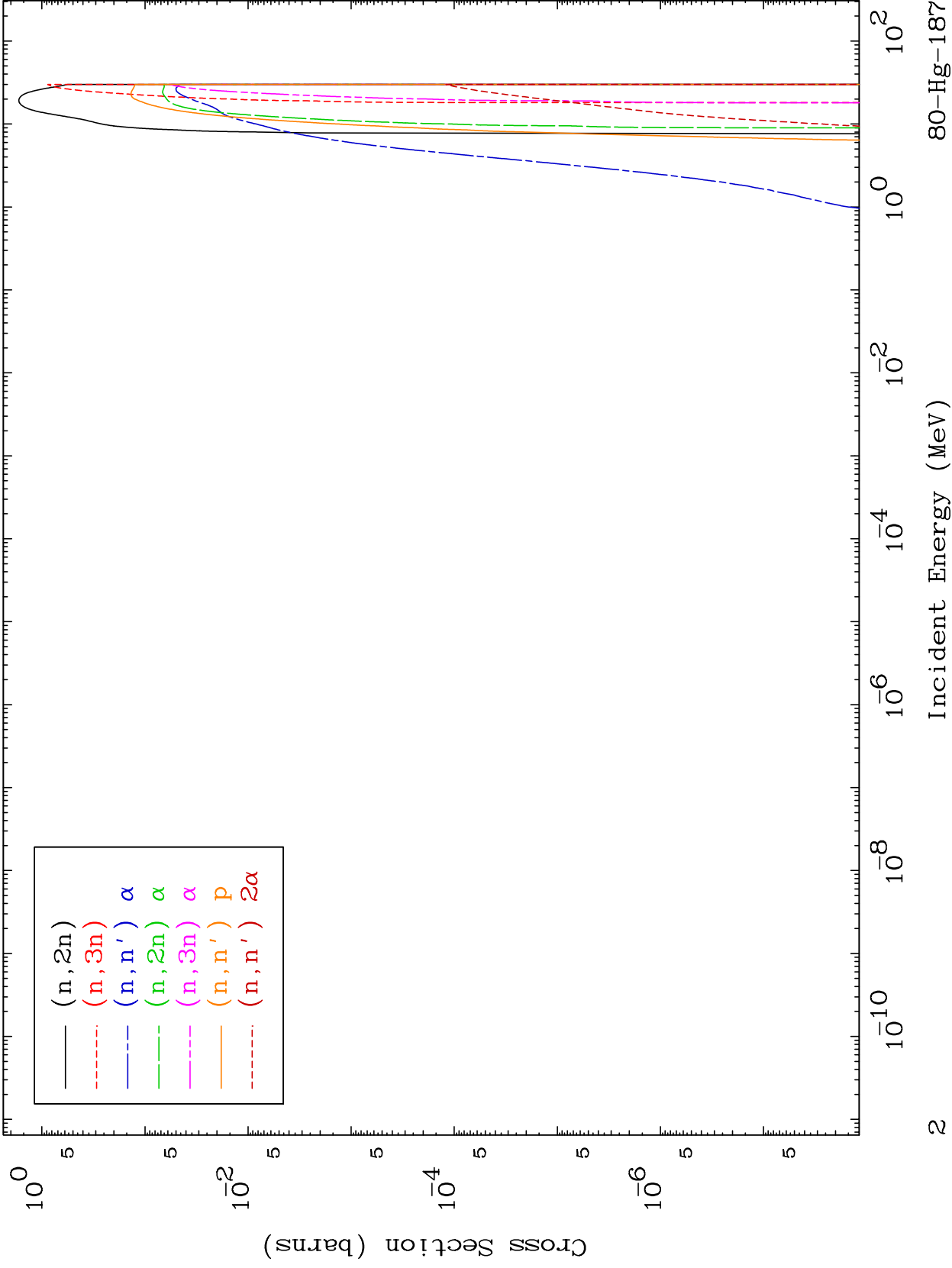
80-Hg-187



MAT 7999

Neutron Production
293 Kelvin Cross Sections

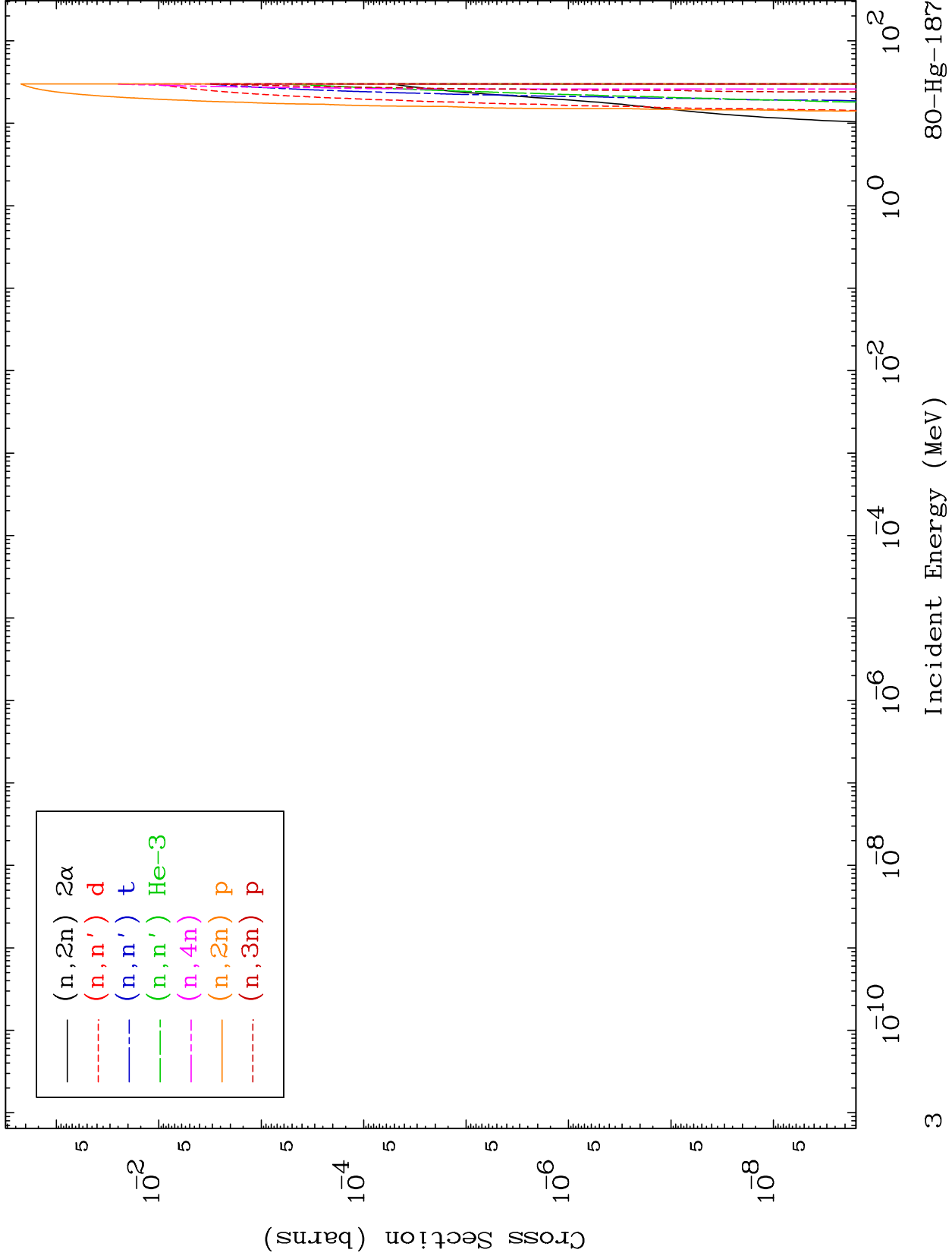
80-Hg-187



MAT 7999

Neutron Production
293 Kelvin Cross Sections

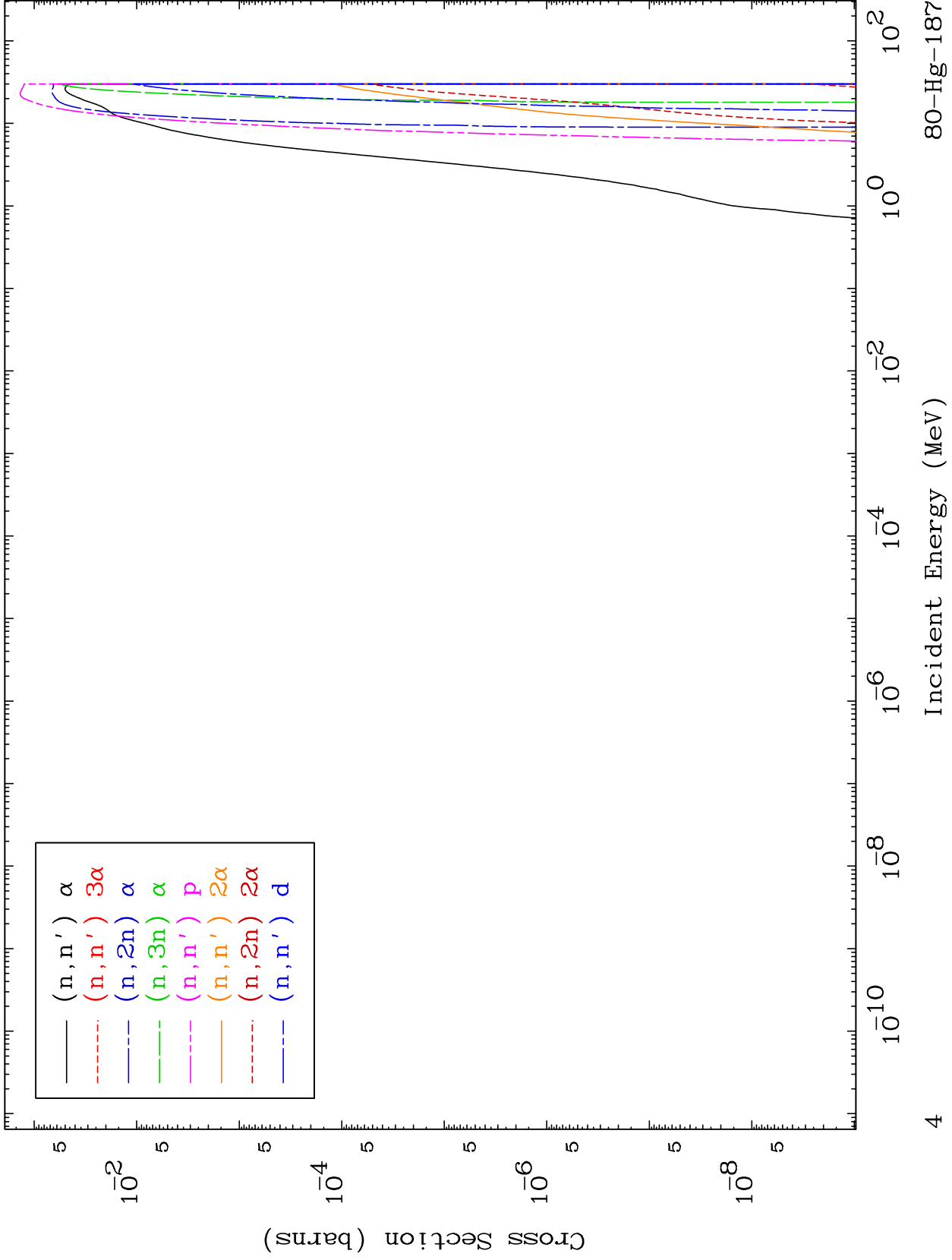
80-Hg-187



MAT 7999

Charged Particle
293 Kelvin Cross Sections

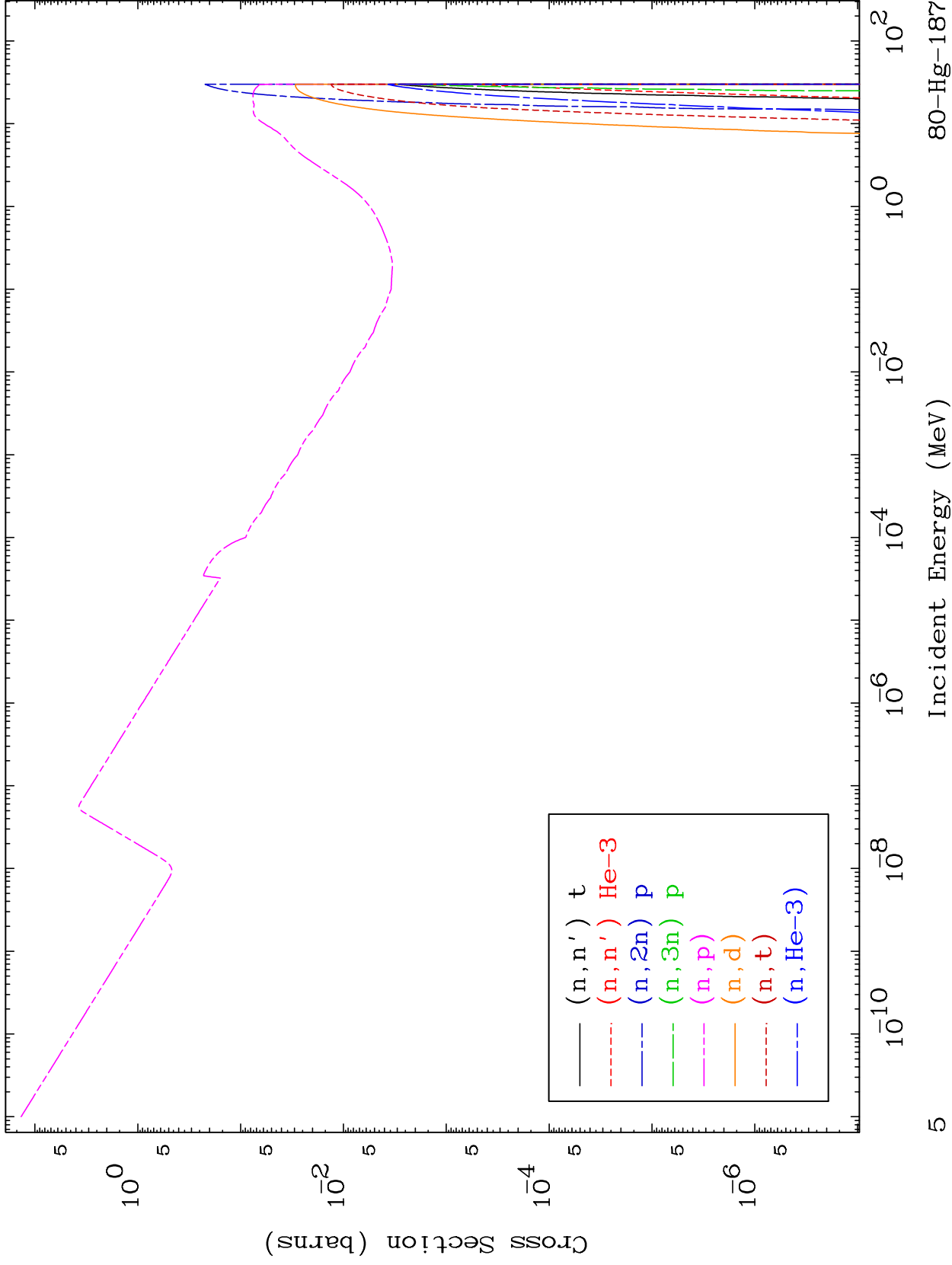
80-Hg-187



MAT 7999

Charged Particle
293 Kelvin Cross Sections

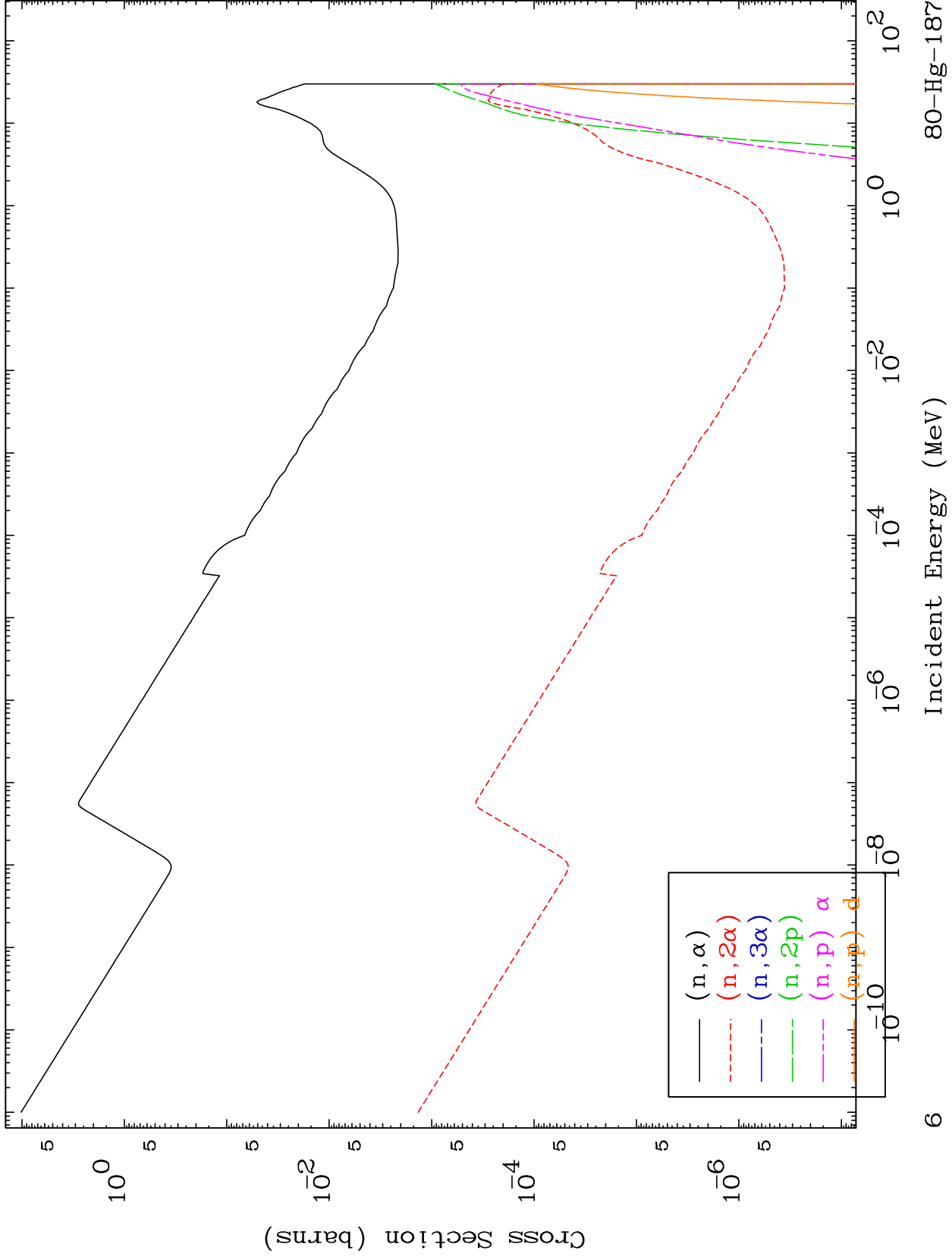
80-Hg-187



MAT 7999

Charged Particle
293 Kelvin Cross Sections

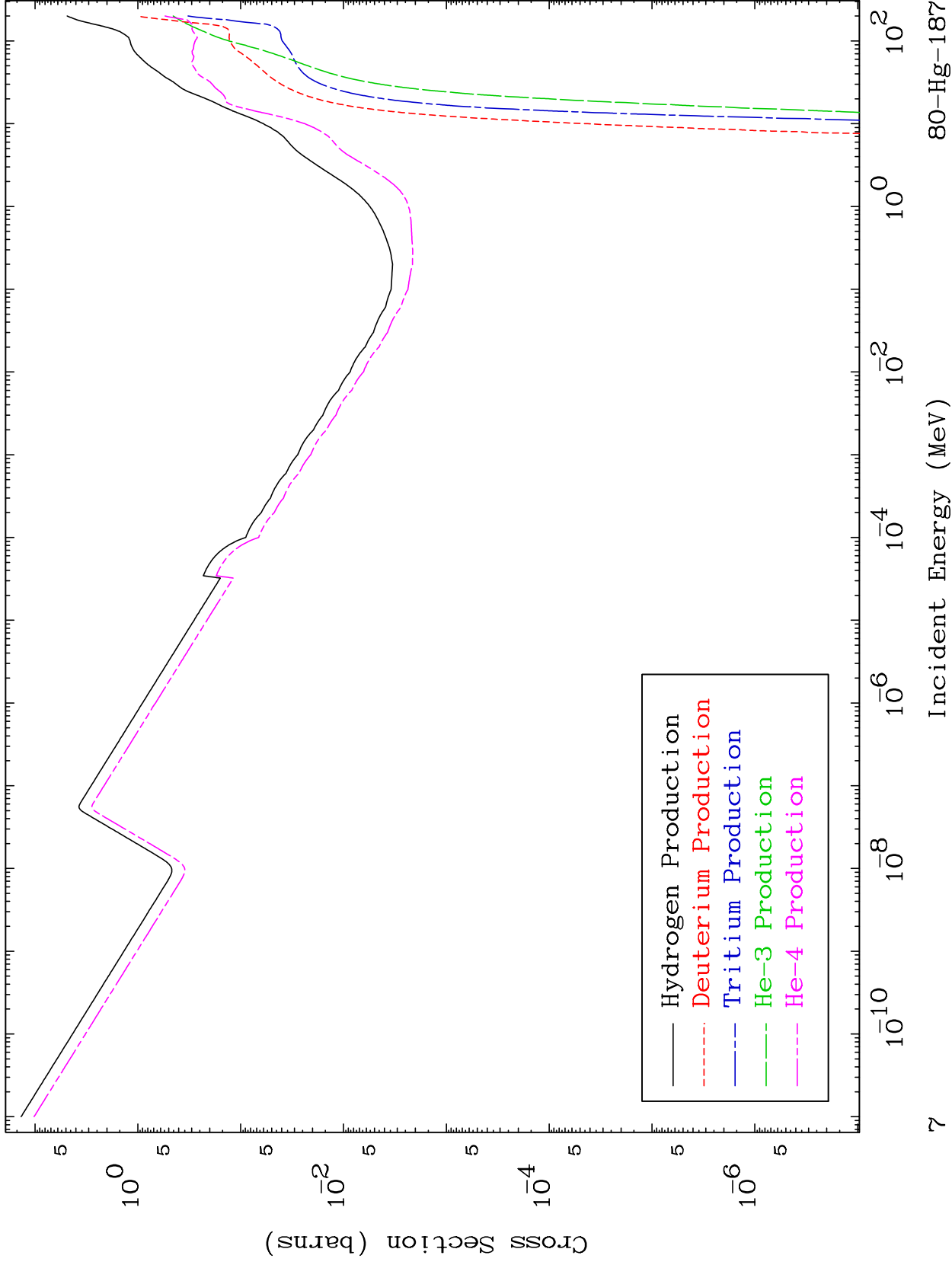
80-Hg-187



MAT 7999

Particle Production
293 Kelvin Cross Sections

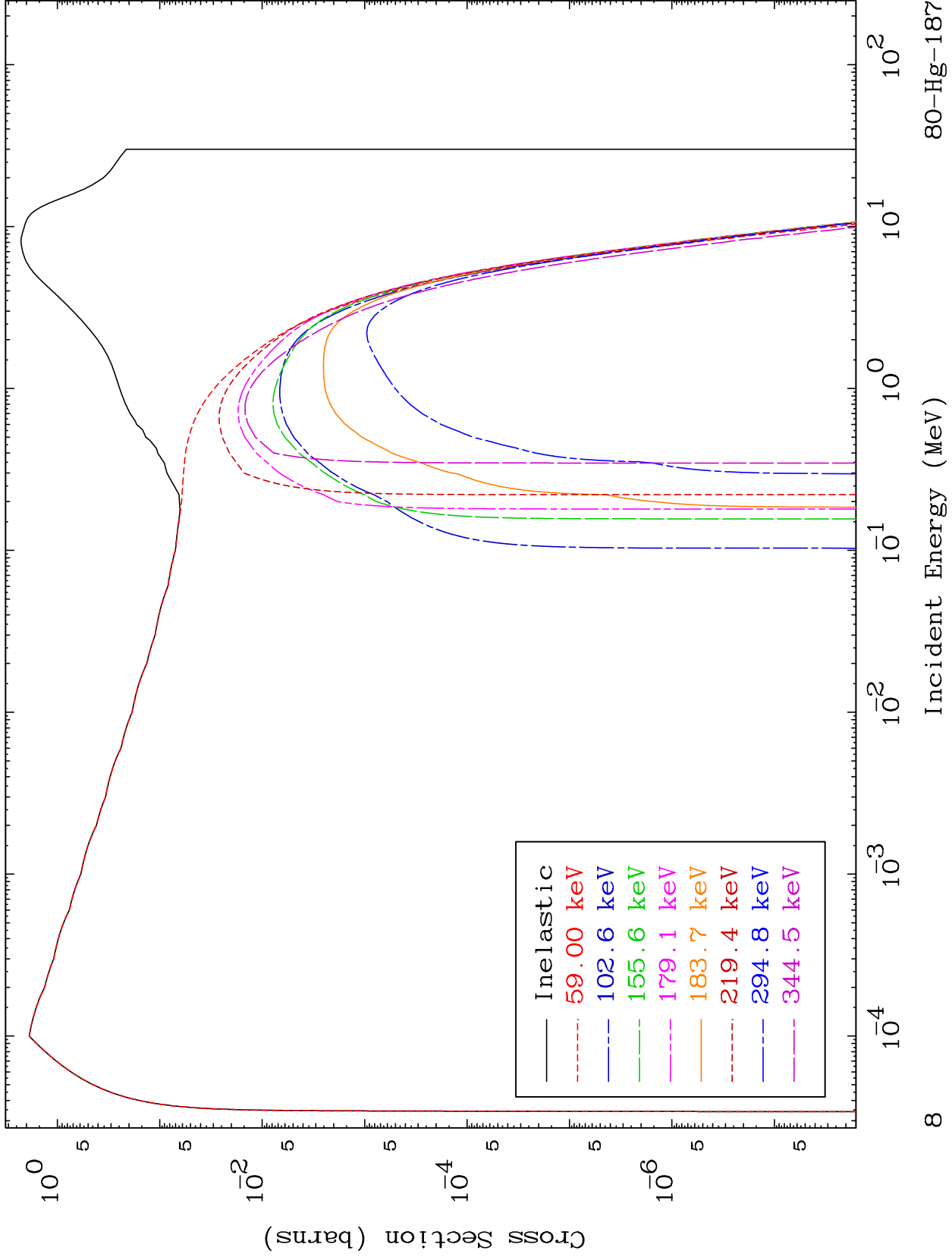
80-Hg-187



MAT 7999

(n,n') Level
293 Kelvin Cross Sections

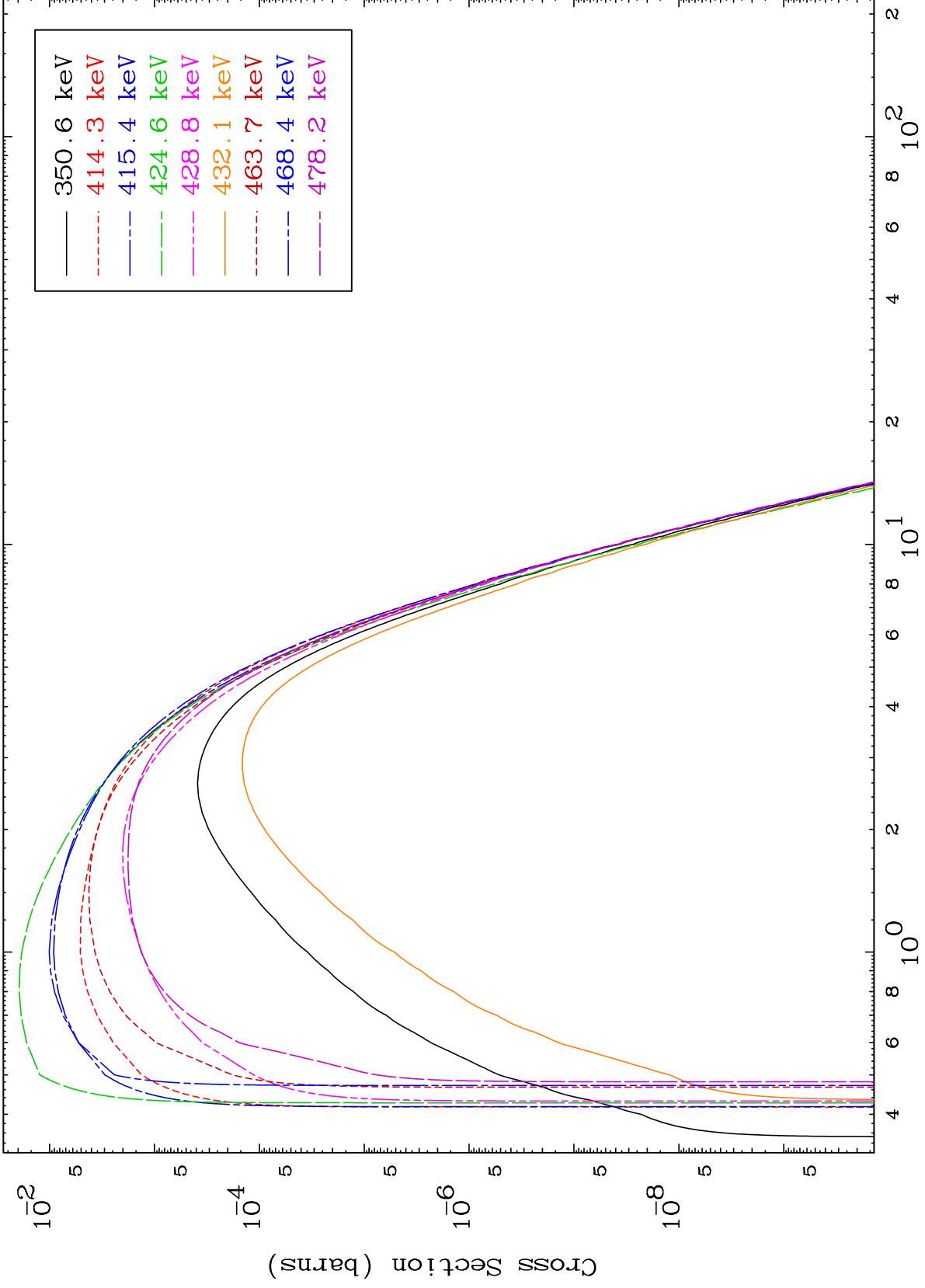
80-Hg-187



MAT 7999

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187



9

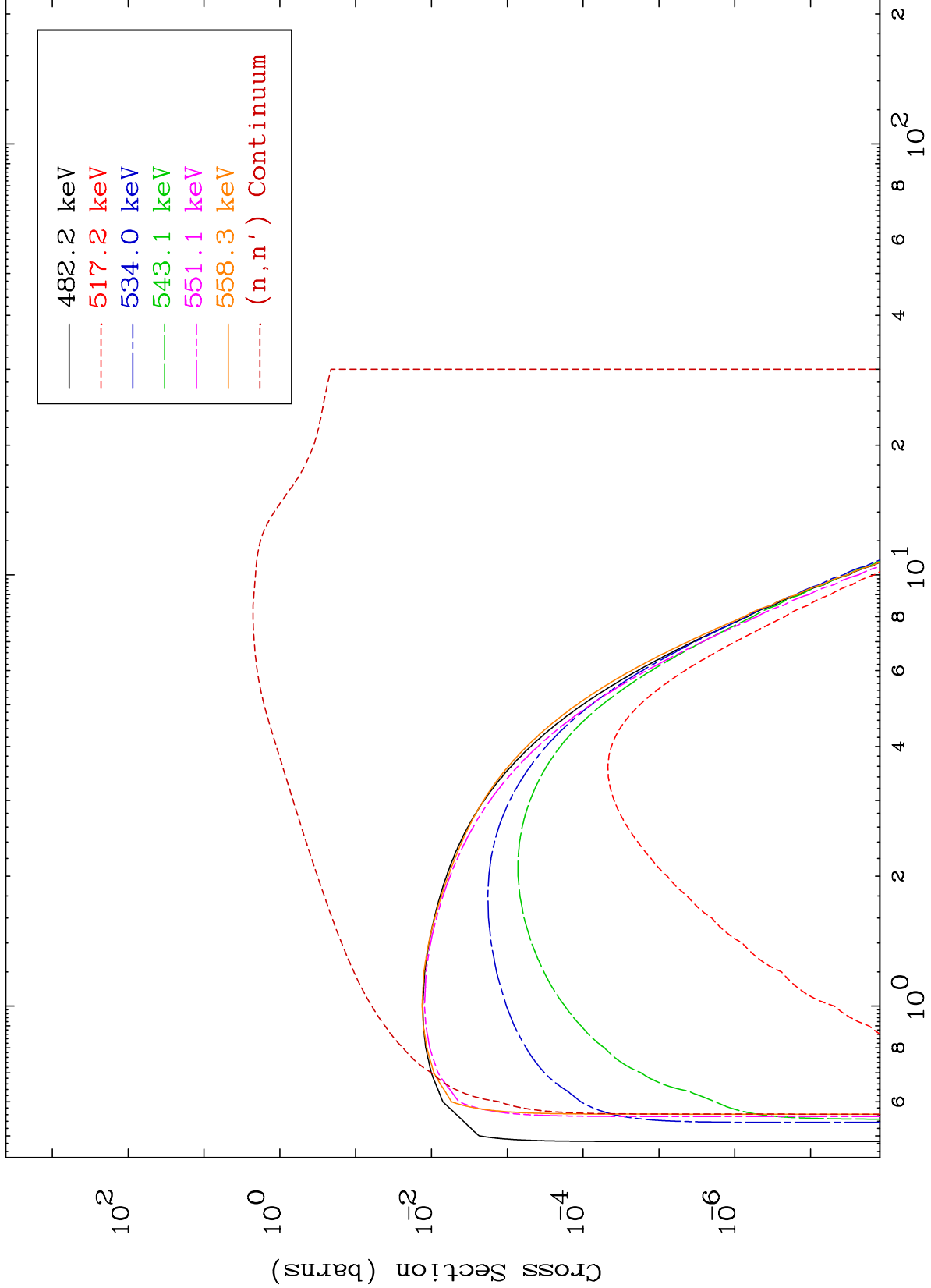
Incident Energy (MeV)

80-Hg-187

MAT 7999

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187



10

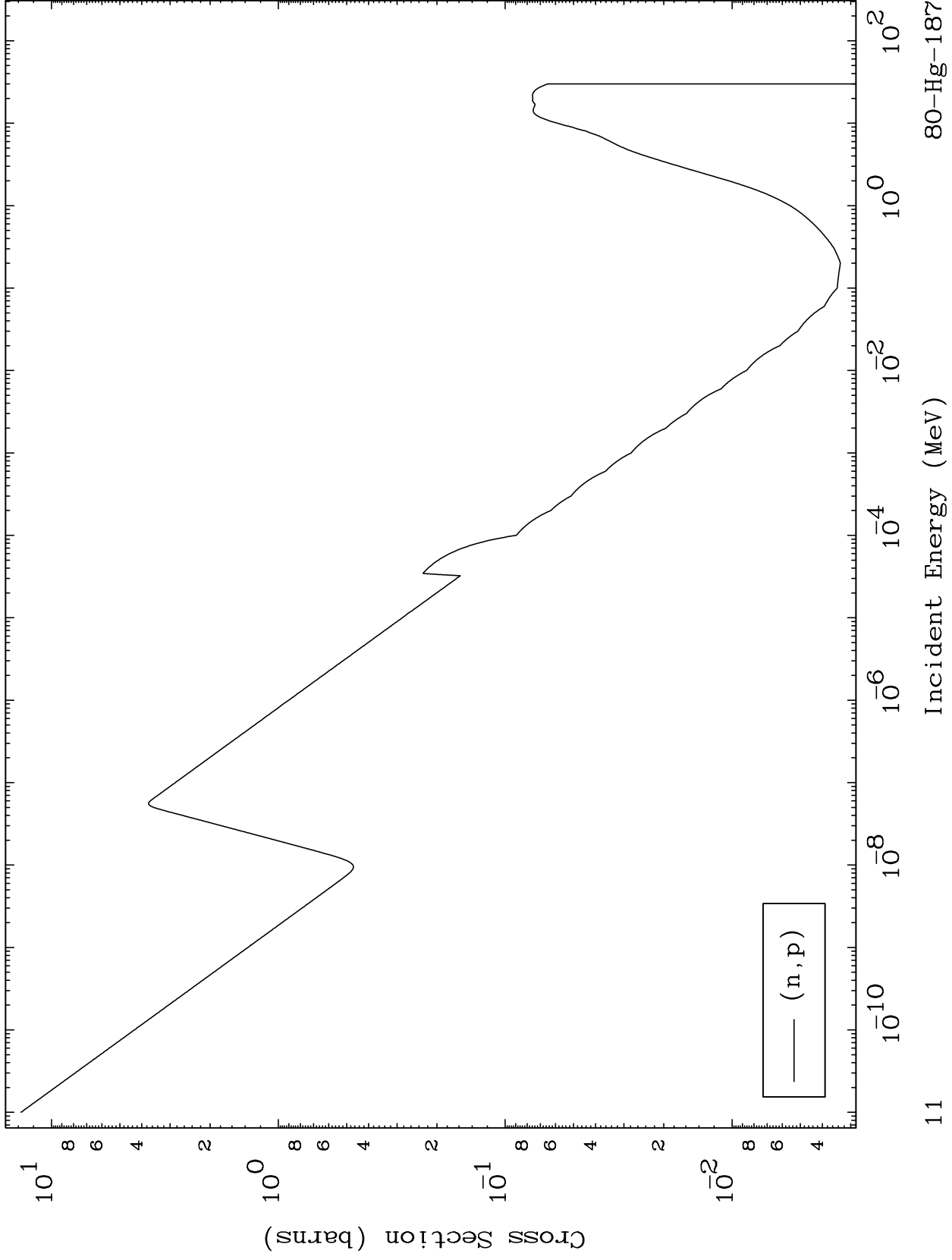
Incident Energy (MeV)

80-Hg-187

MAT 7999

(n,p) Levels
293 Kelvin Cross Sections

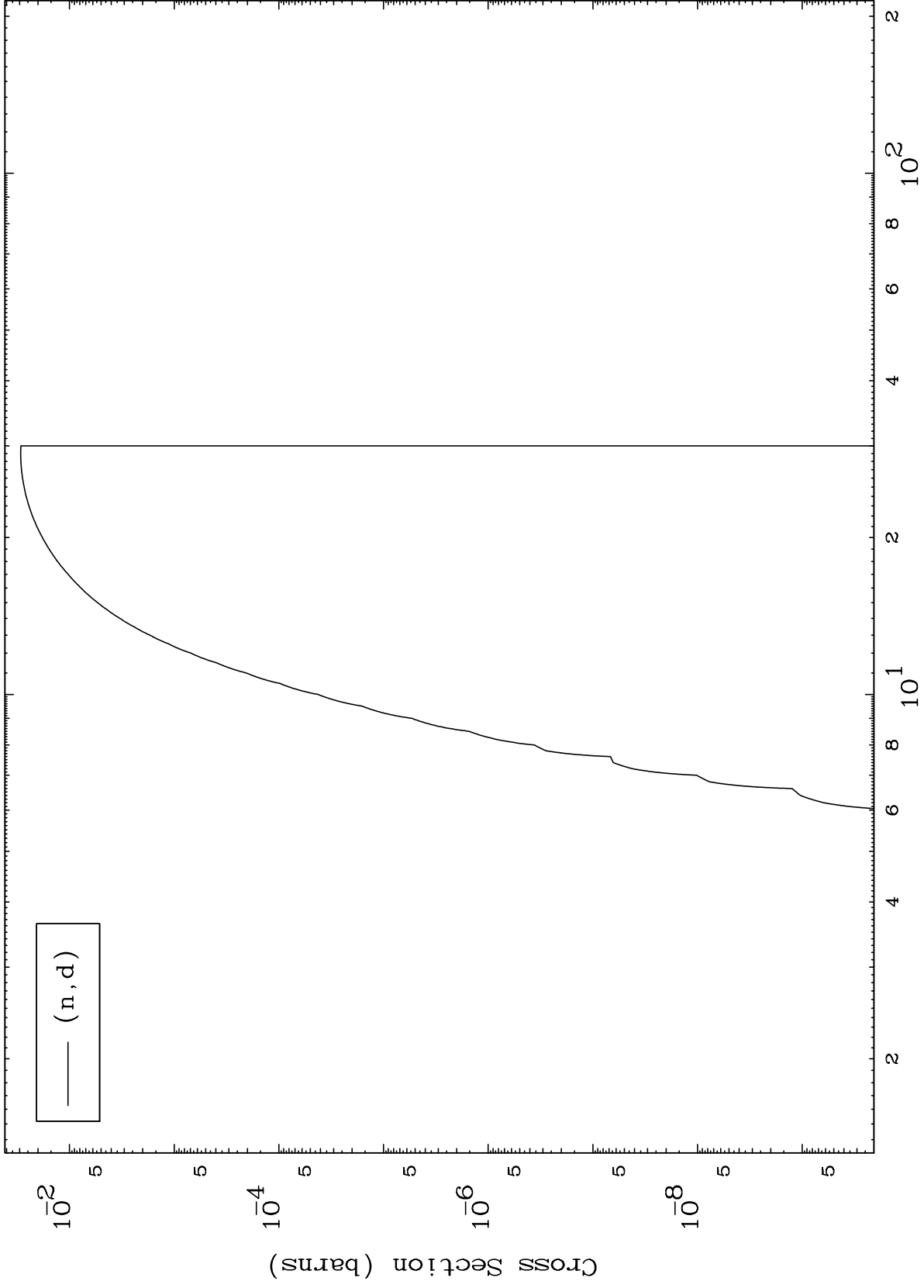
80-Hg-187



MAT 7999

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-187



12

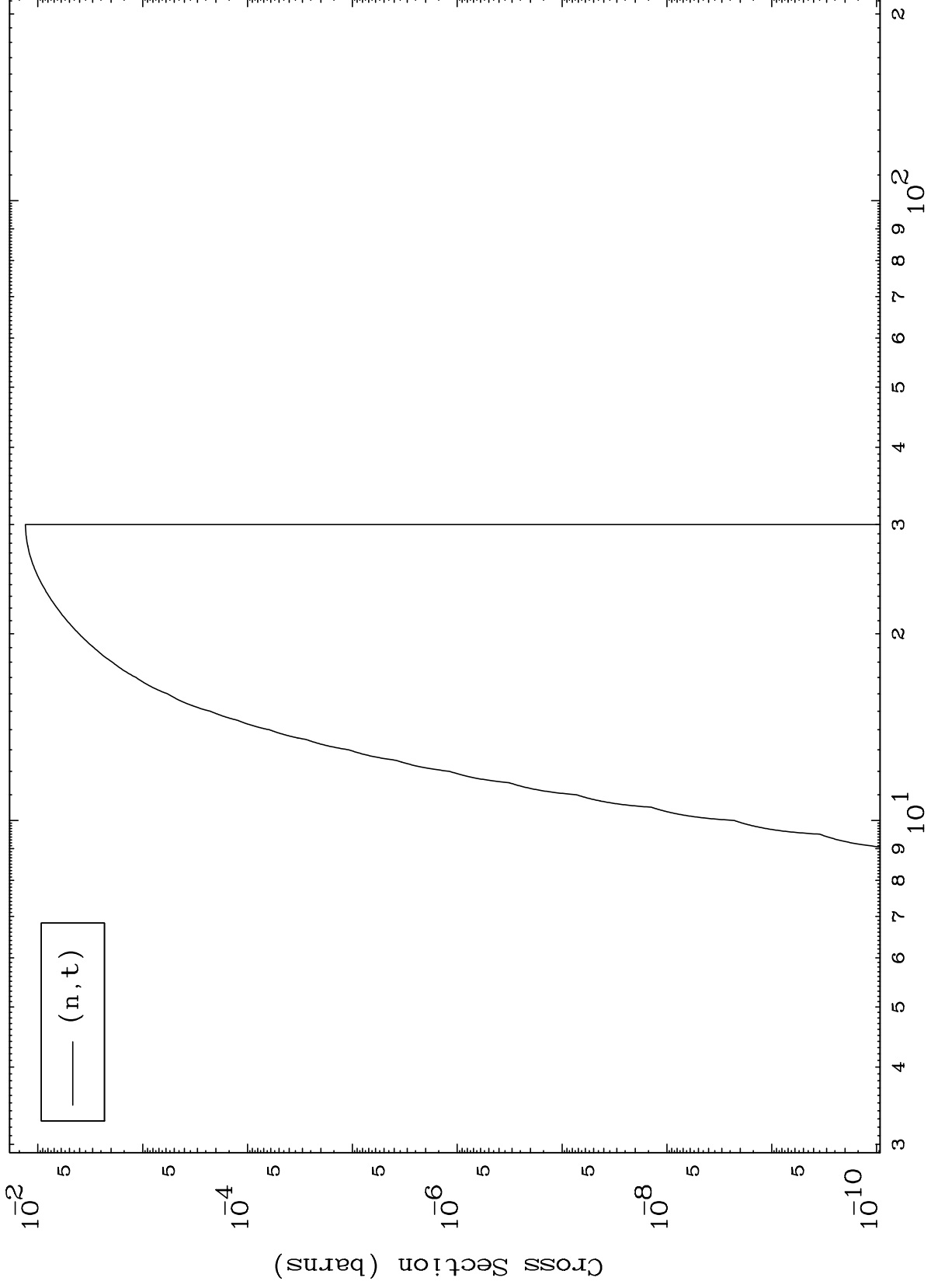
Incident Energy (MeV)

80-Hg-187

MAT 7999

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-187



13

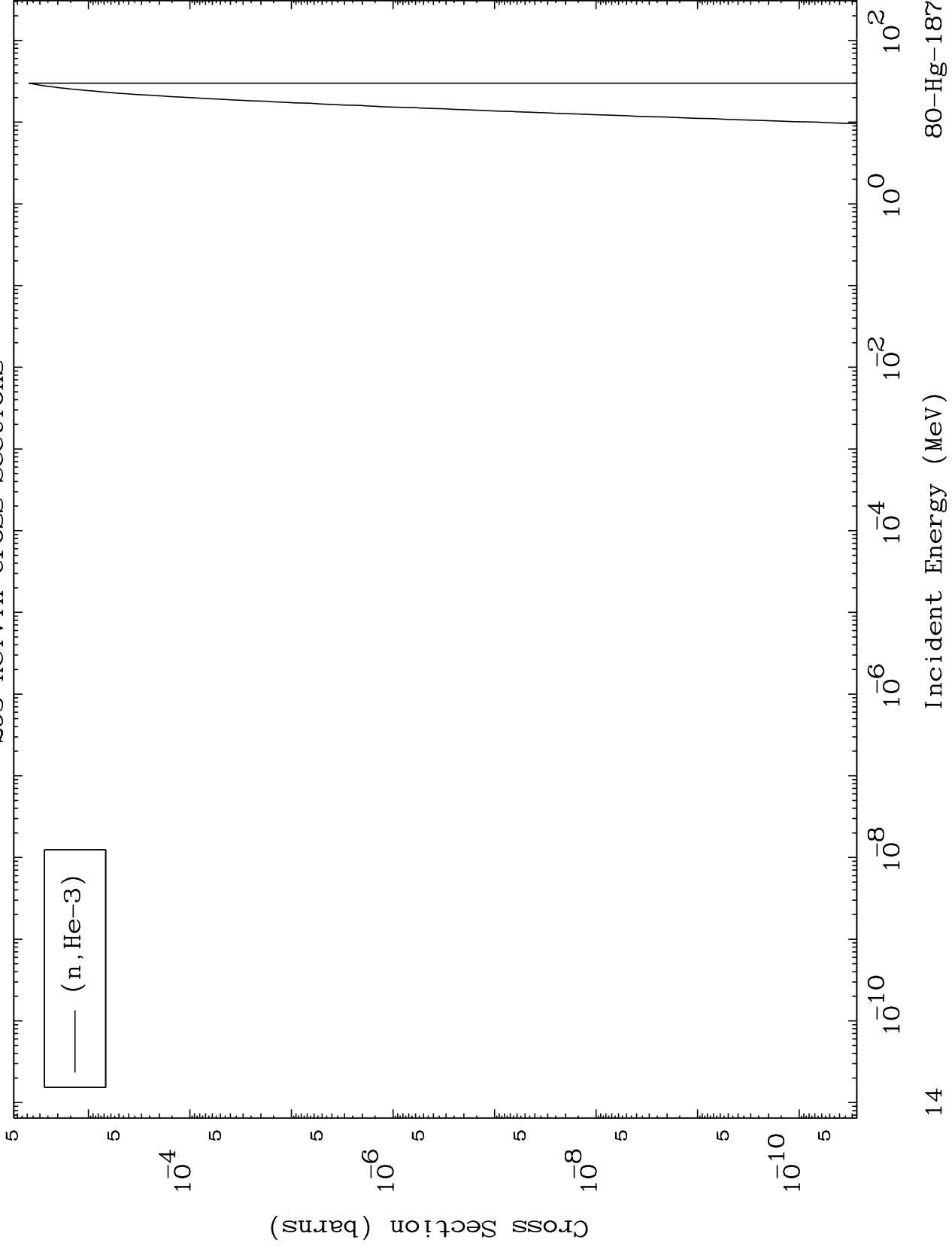
Incident Energy (MeV)

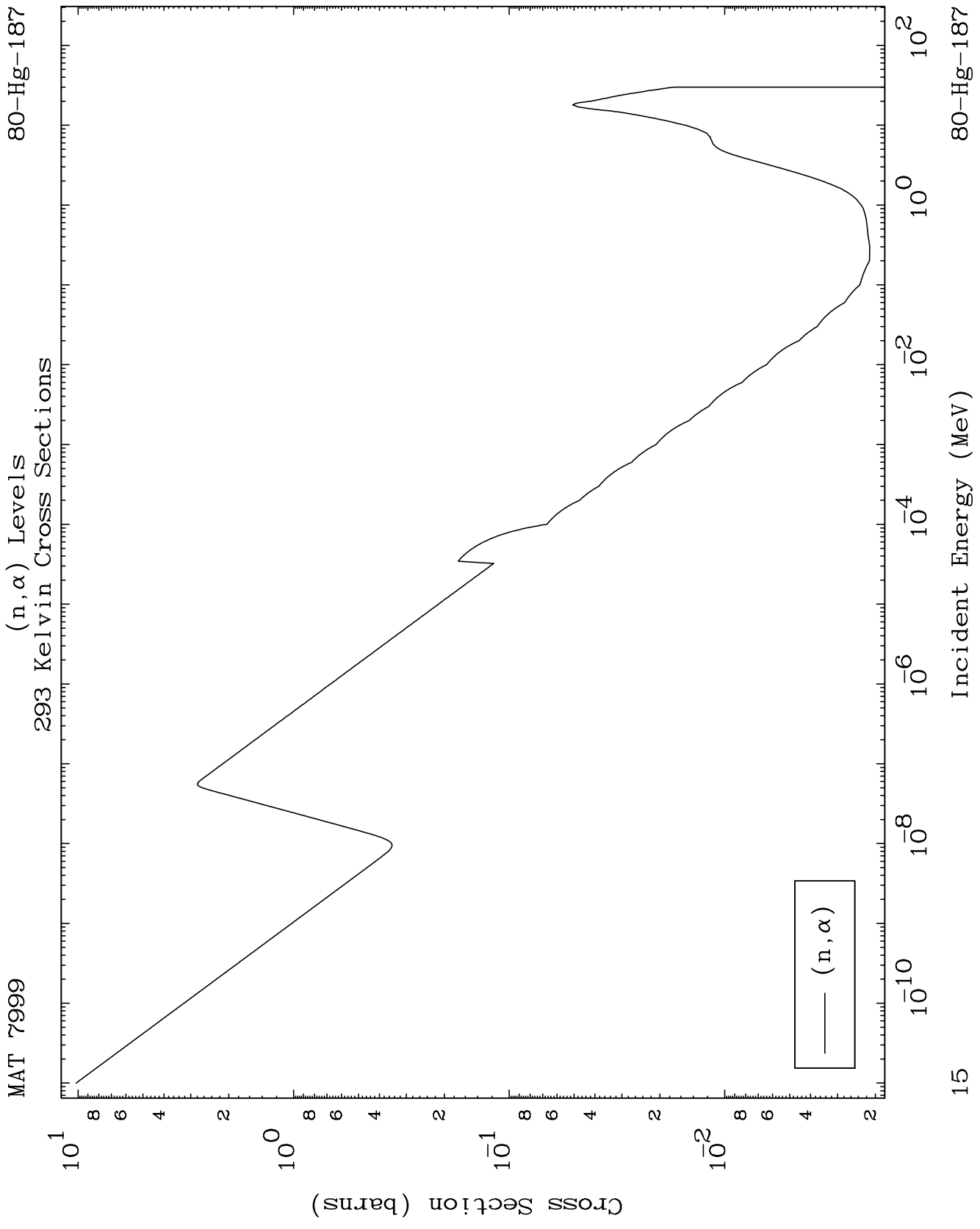
80-Hg-187

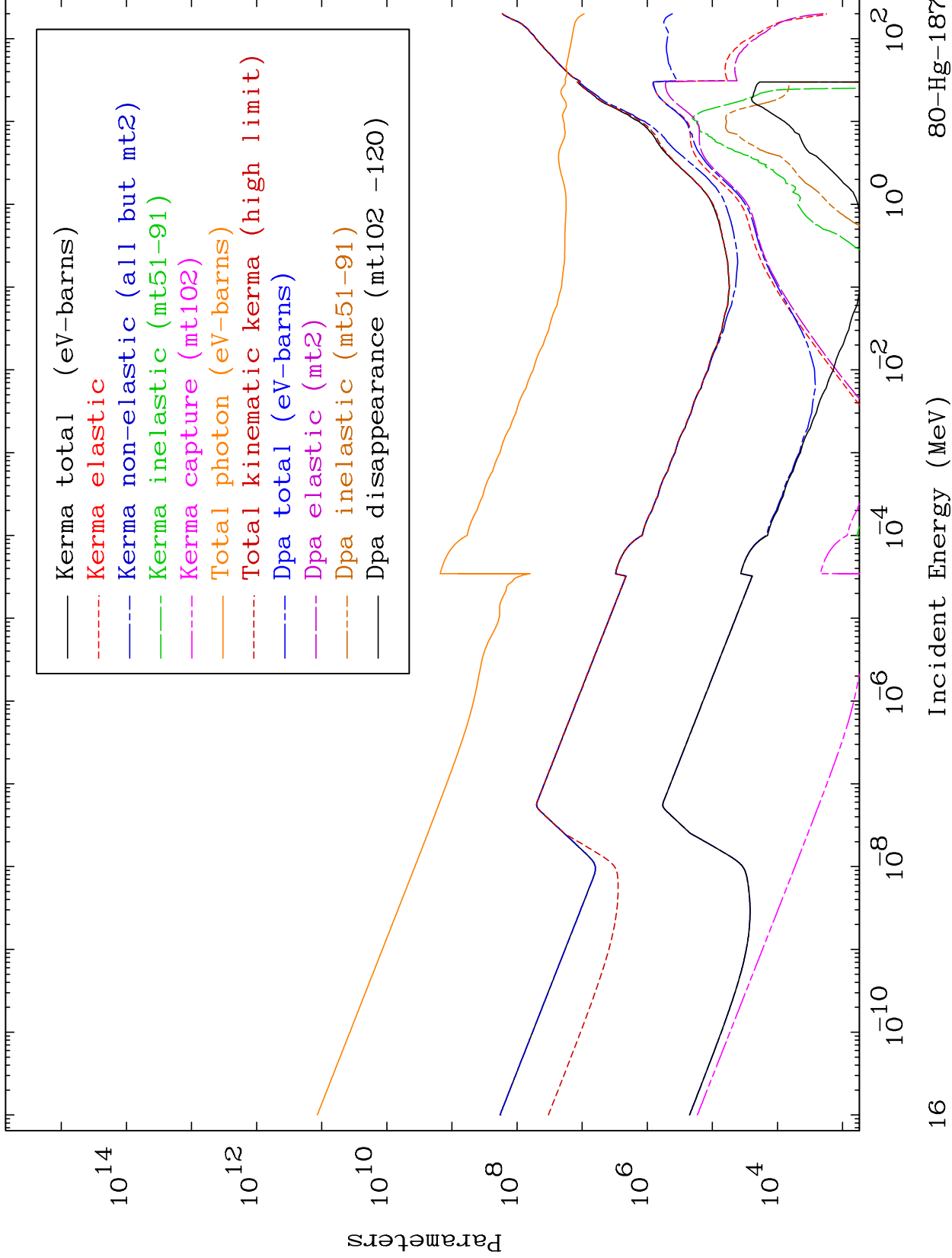
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(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-187



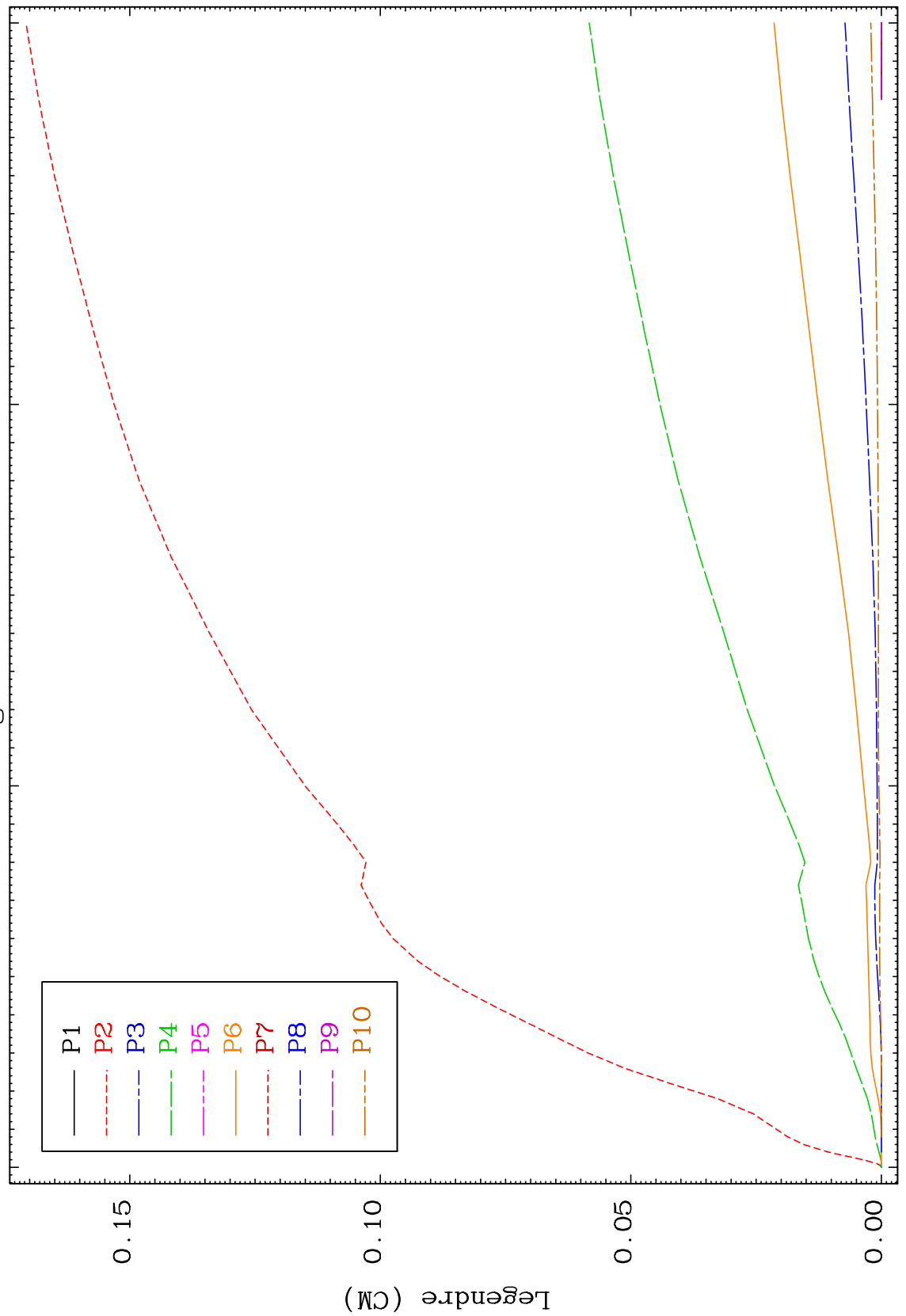




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Elastic Legendre Coefficients

80-Hg-187



17

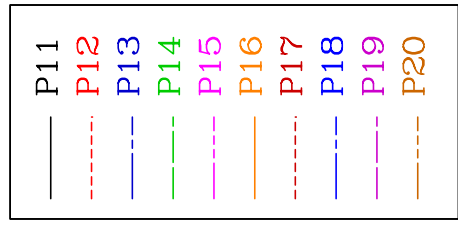
Incident Energy (MeV)

80-Hg-187

MAT 7999

Elastic Legendre Coefficients

80-Hg-187



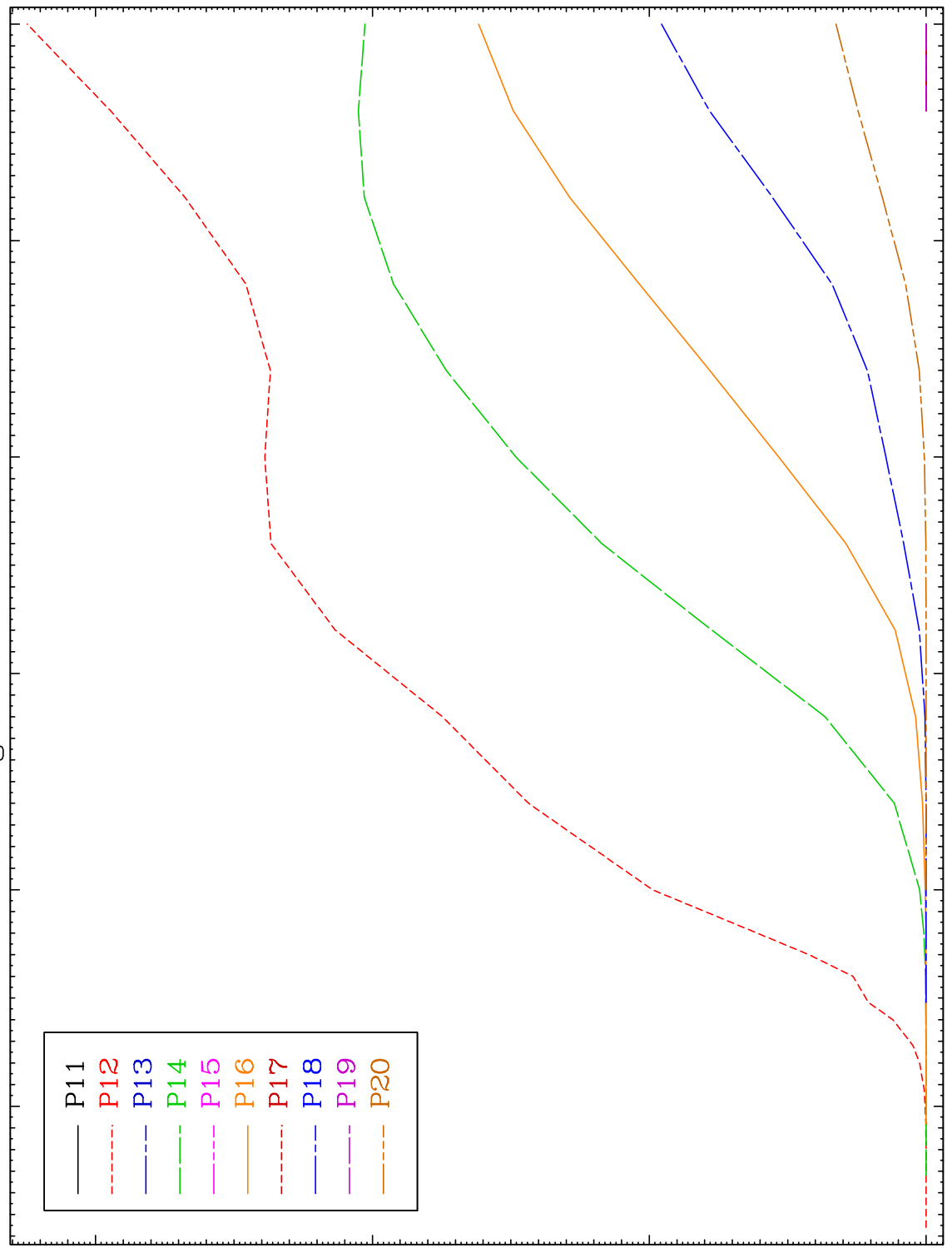
$\times 10^{-4}$

Legendre (CM)

18

Incident Energy (MeV)

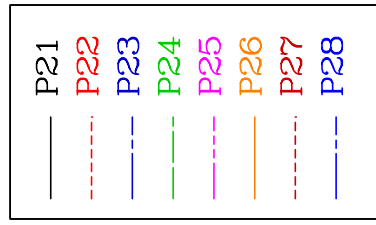
80-Hg-187



MAT 7999

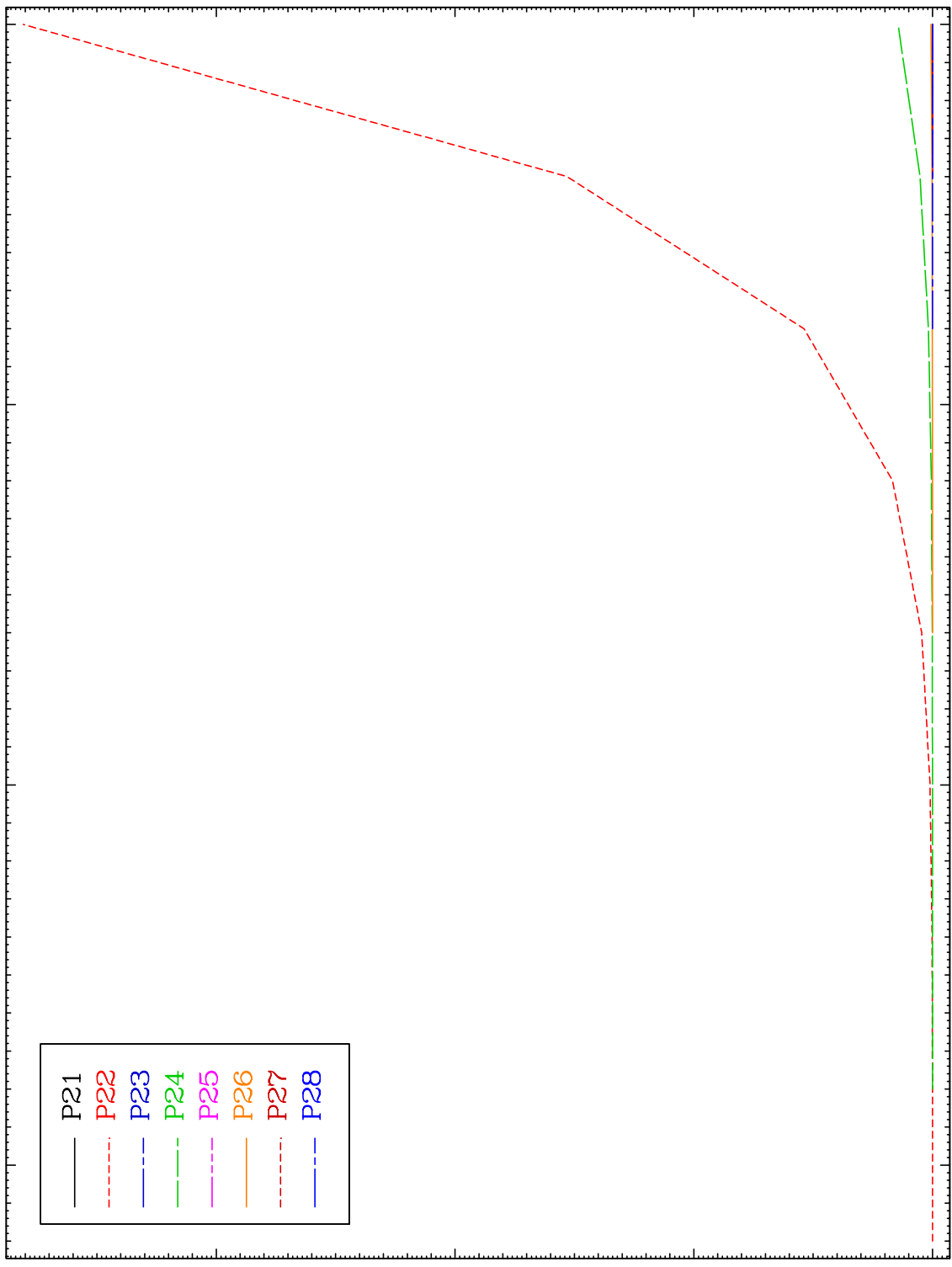
Elastic
Legendre Coefficients

80-Hg-187



$\times 10^{-6}$

Legendre (CM)



19

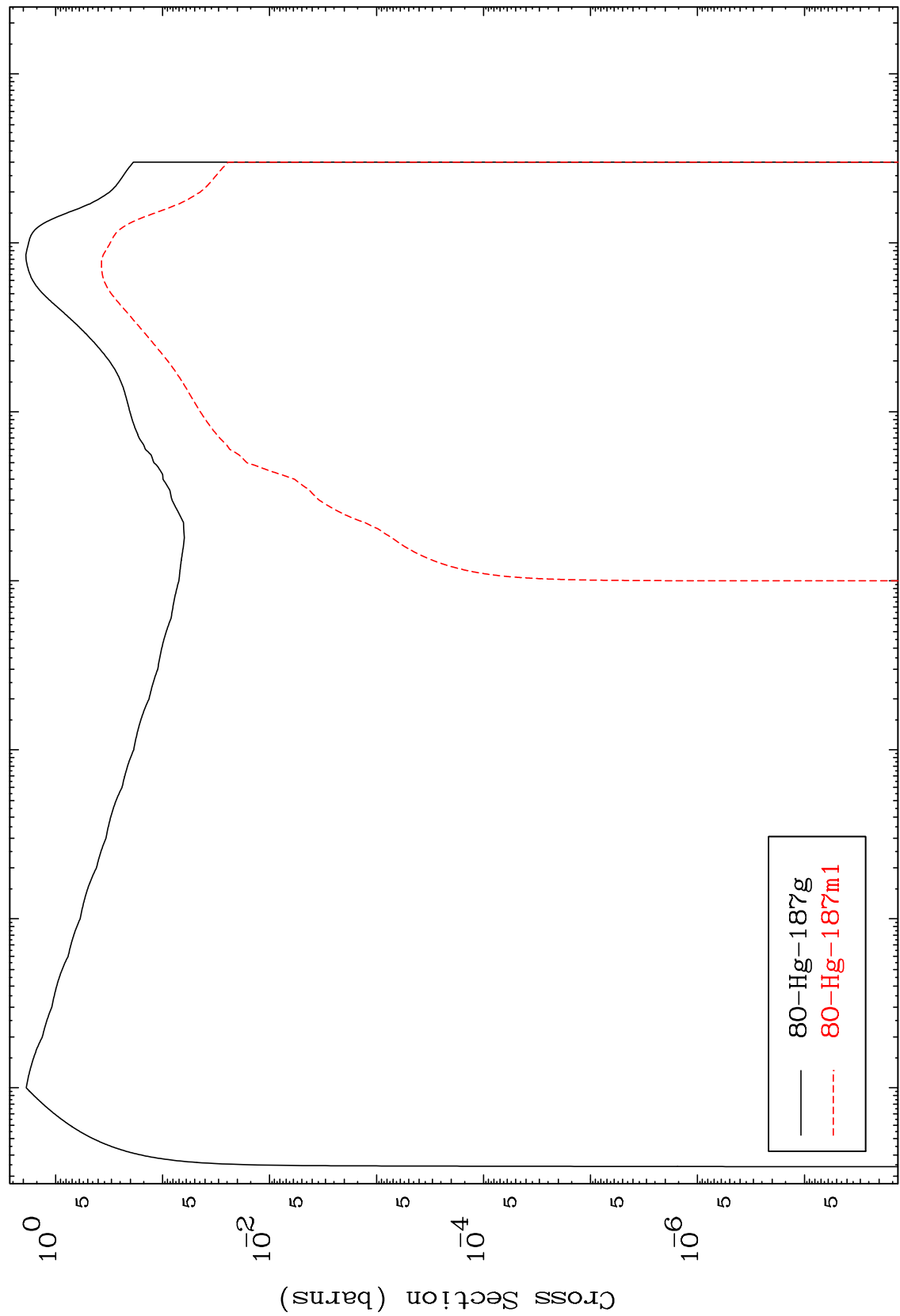
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

Inelastic
Radionuclide Production Cross Section



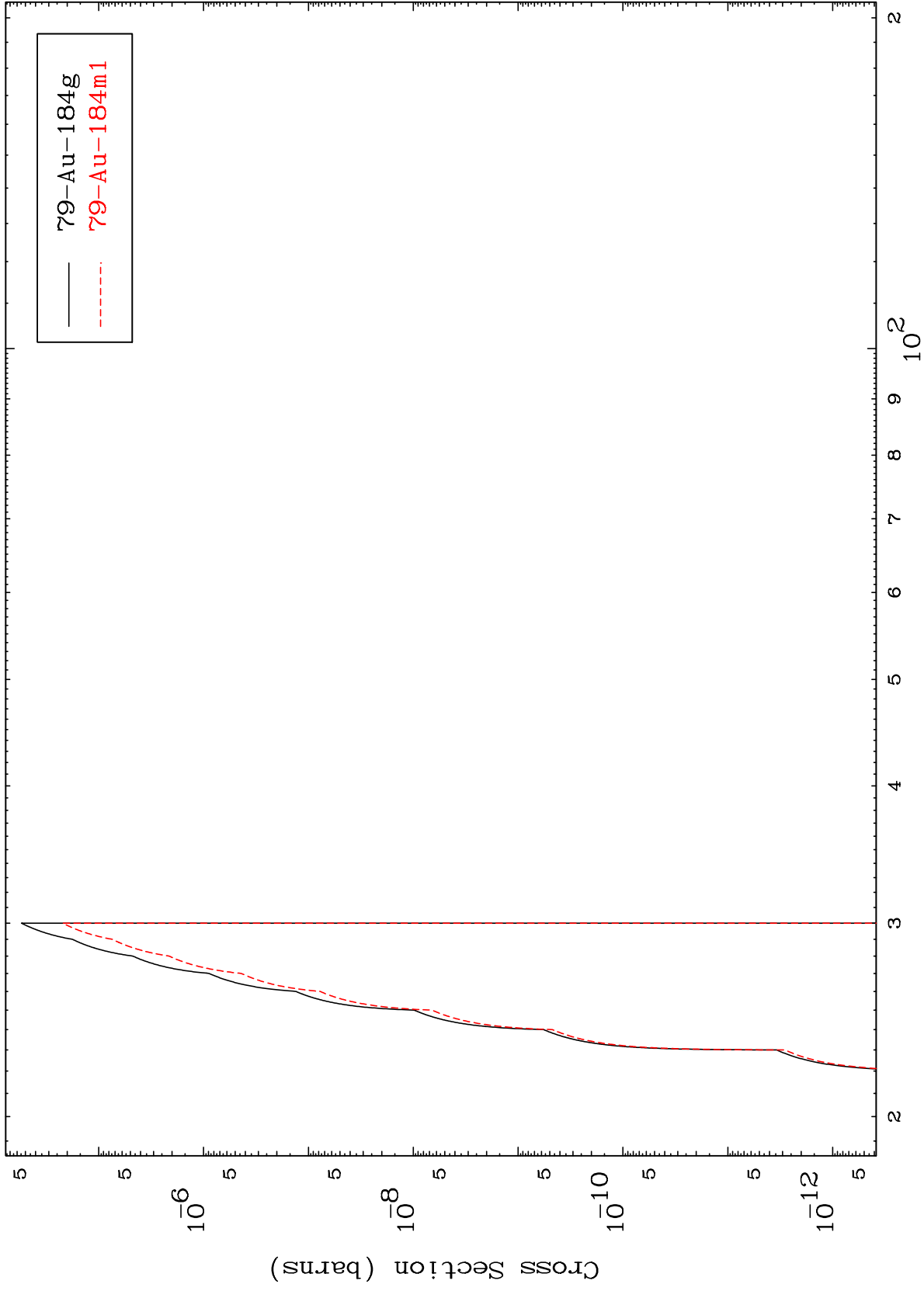
— 80-Hg-187g
- - - 80-Hg-187m1

MAT 7999

(n,2n) d

80-Hg-187

Radionuclide Production Cross Section



21

Incident Energy (MeV)

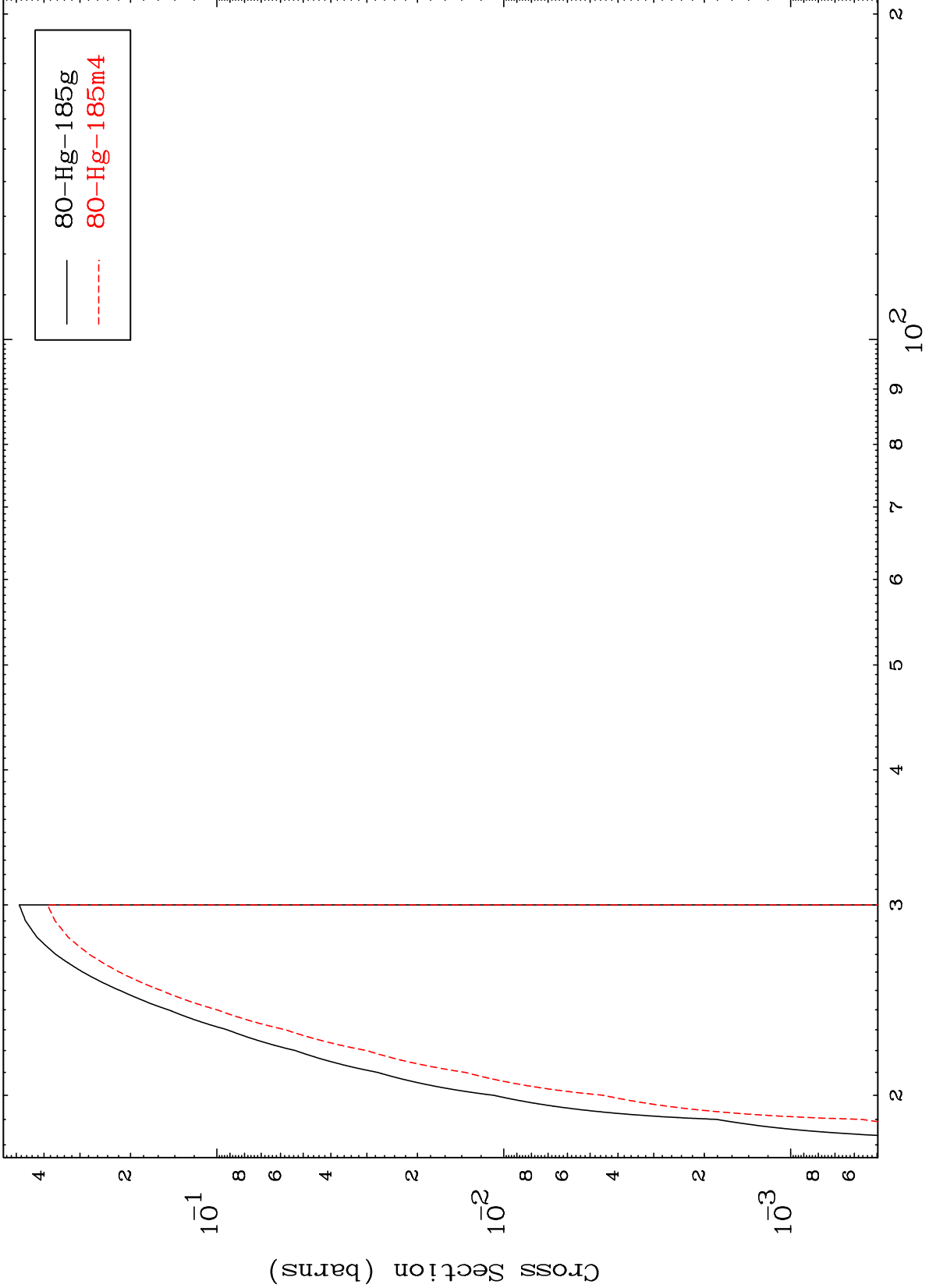
80-Hg-187

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(n,3n)

80-Hg-187

Radionuclide Production Cross Section

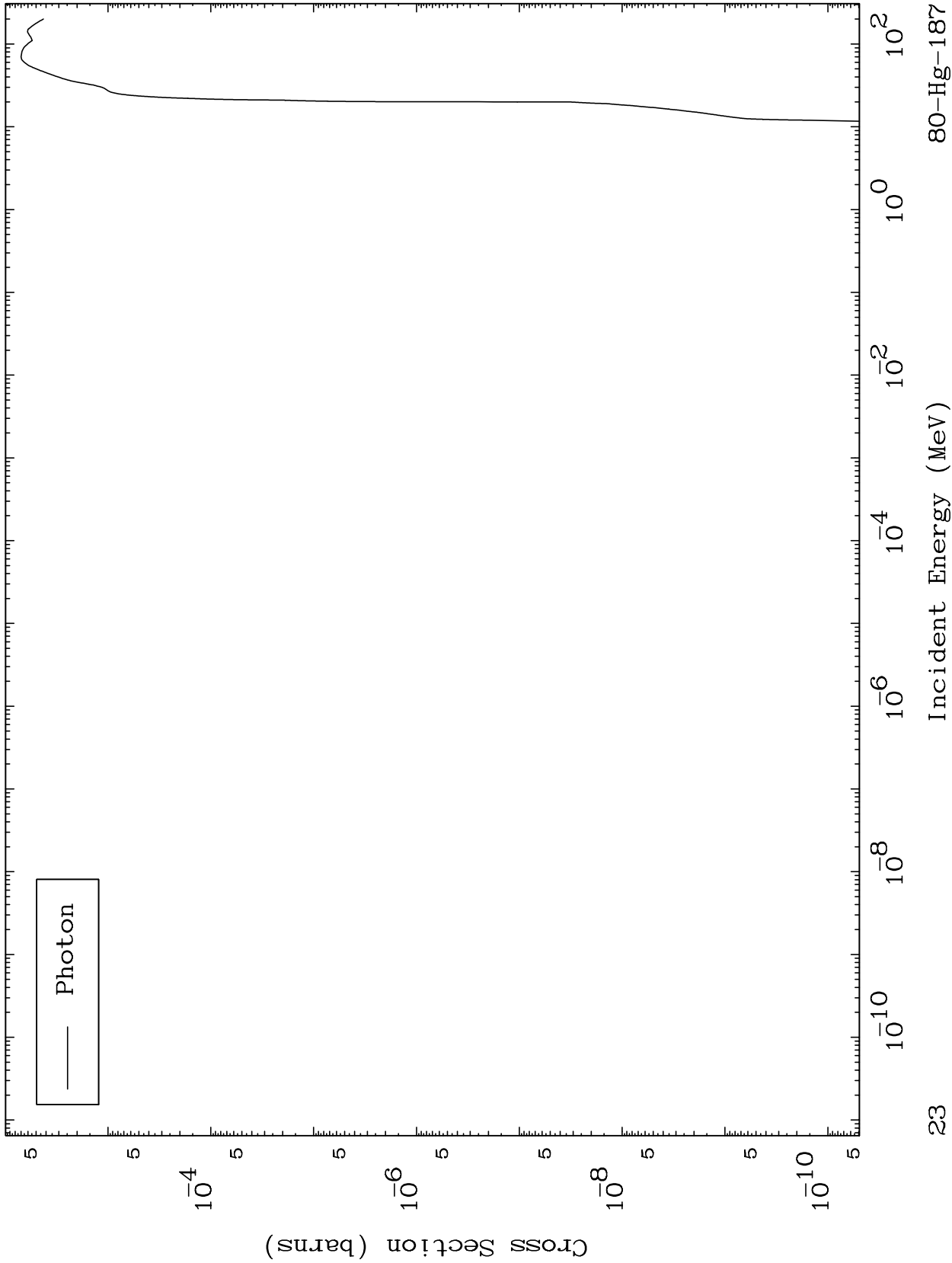


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Fission

80-Hg-187

Radionuclide Production Cross Section

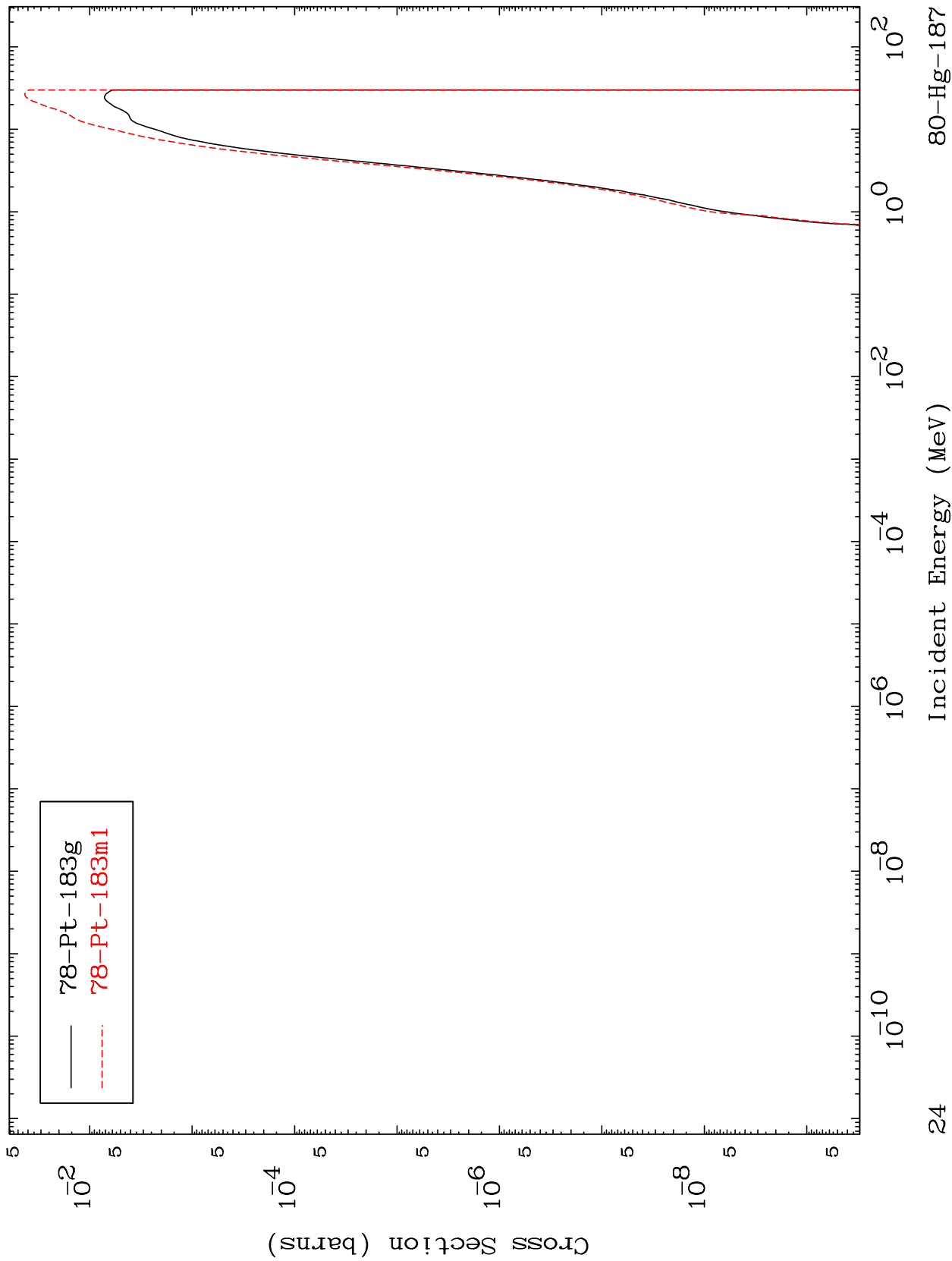


MAT 7999

(n, n') α

80-Hg-187

Radionuclide Production Cross Section

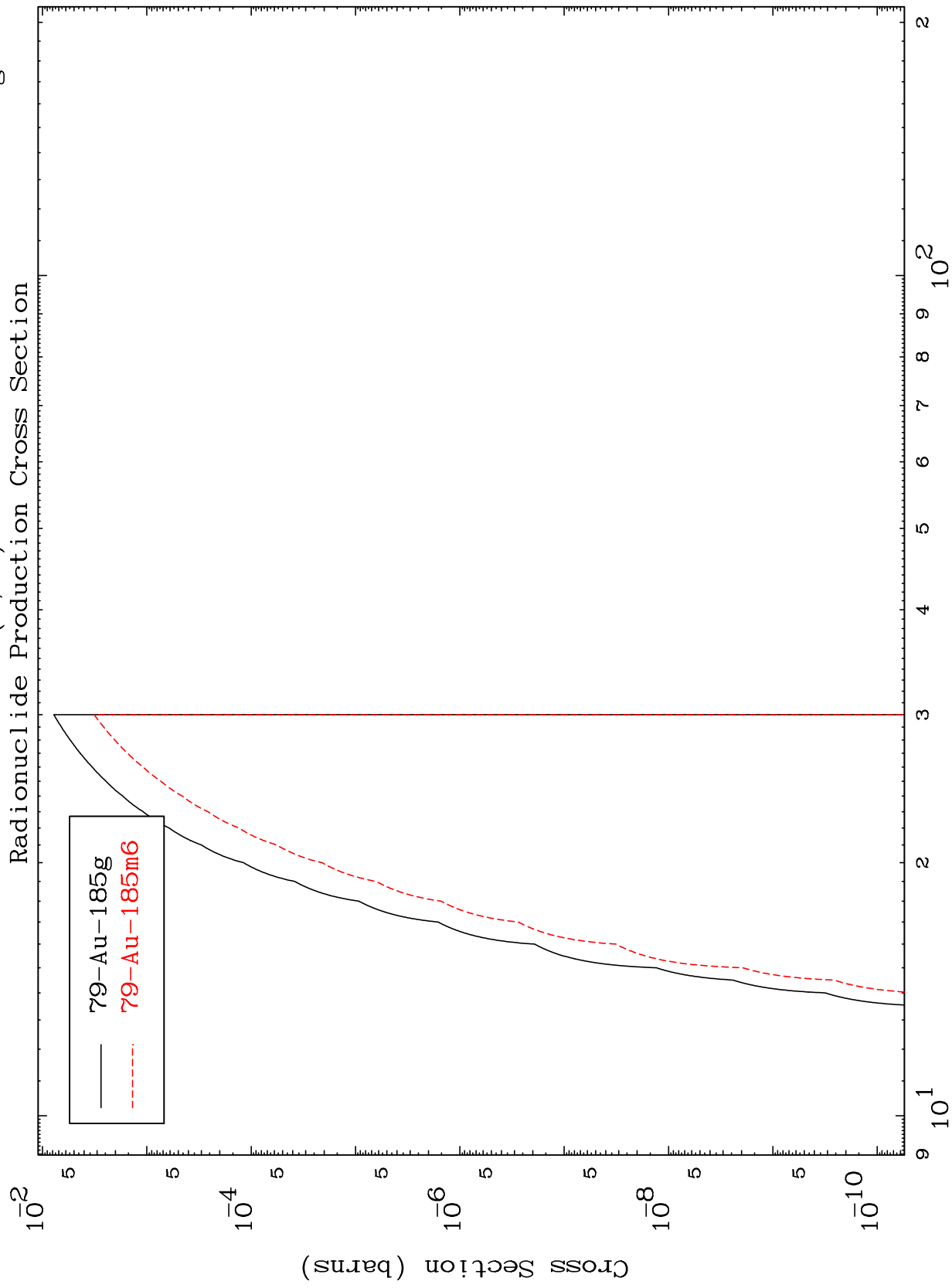


78-Pt-183g
78-Pt-183m1

MAT 7999

(n,n') d

80-Hg-187

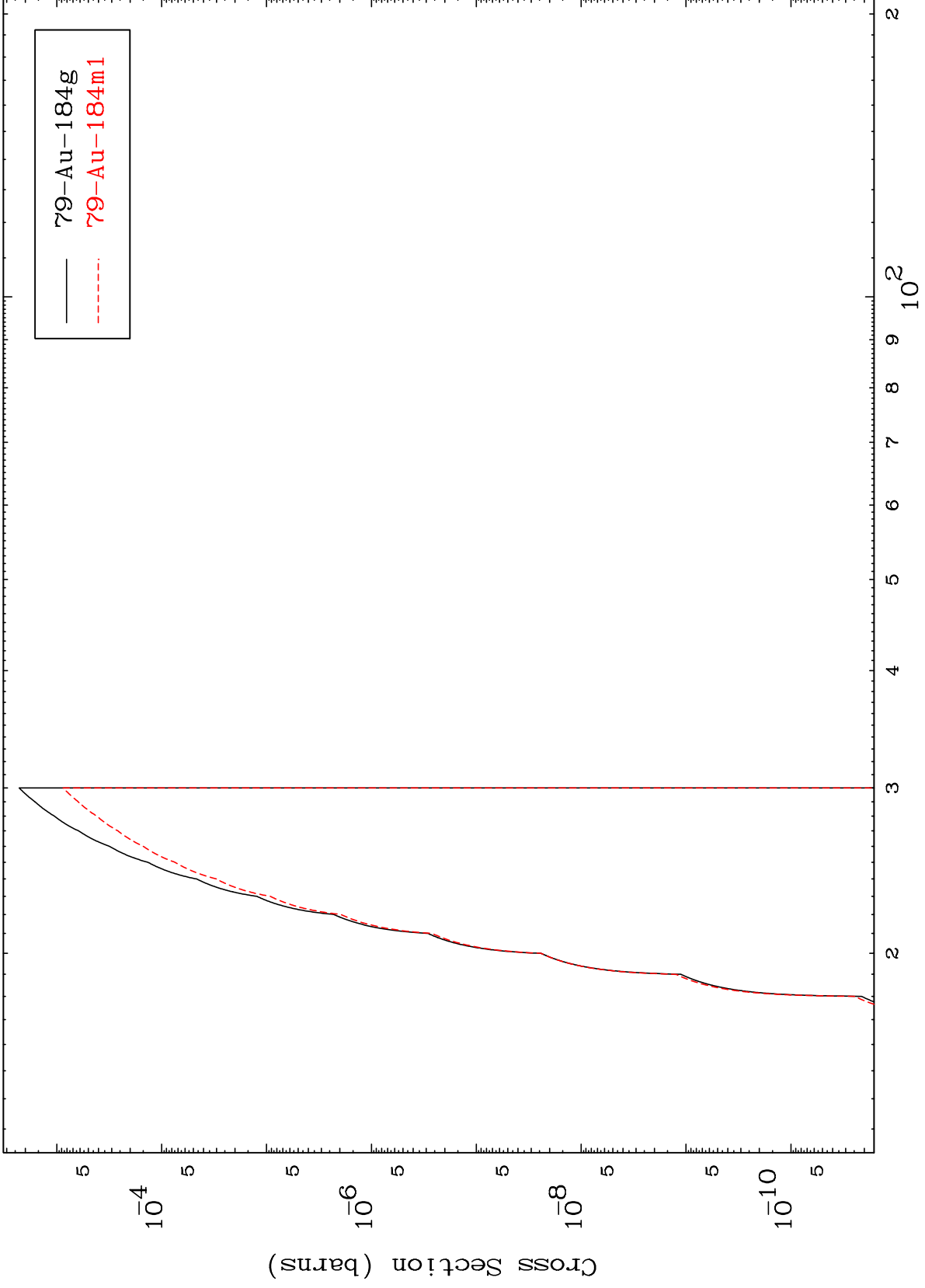


80-Hg-187

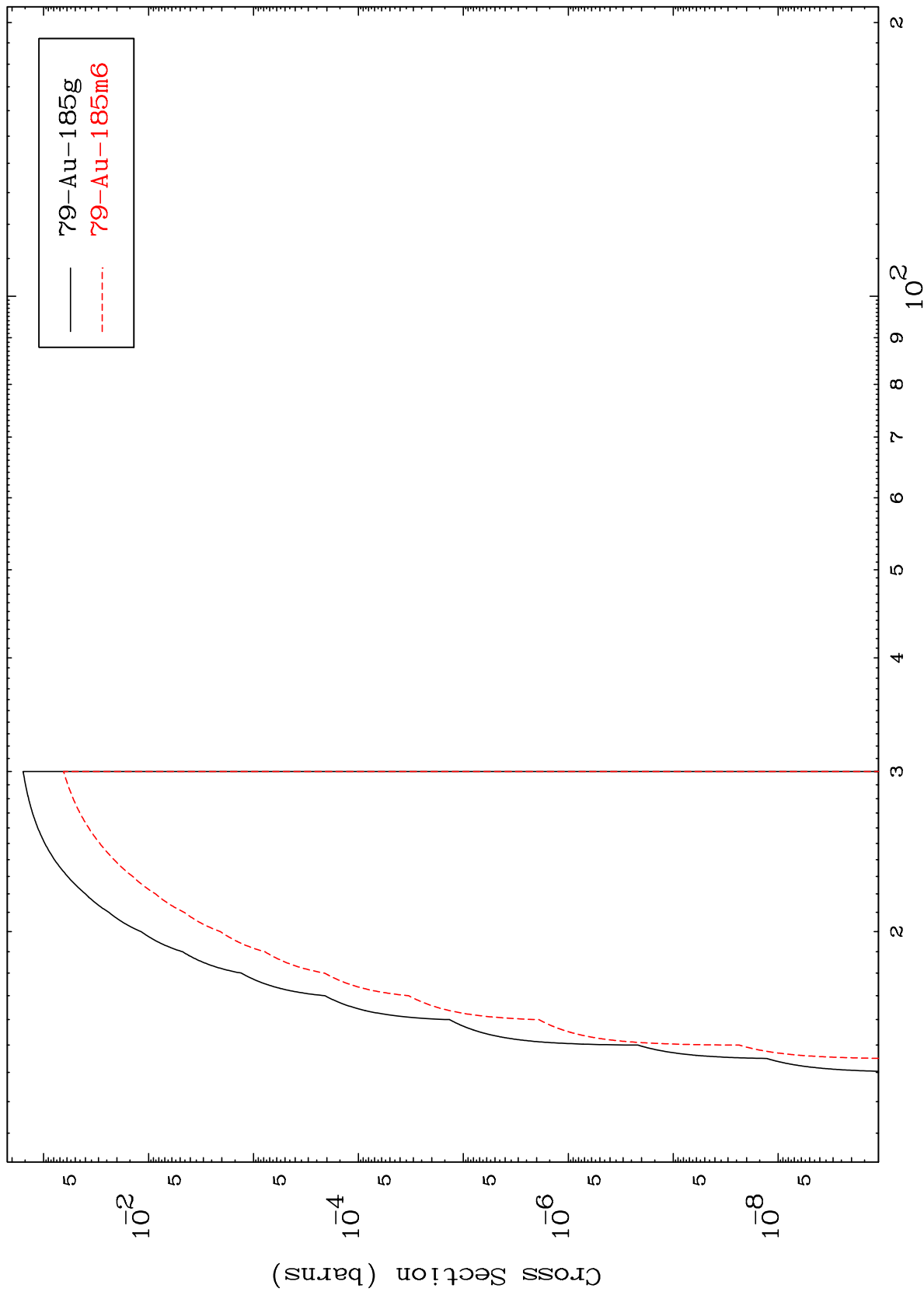
80-Hg-187

25

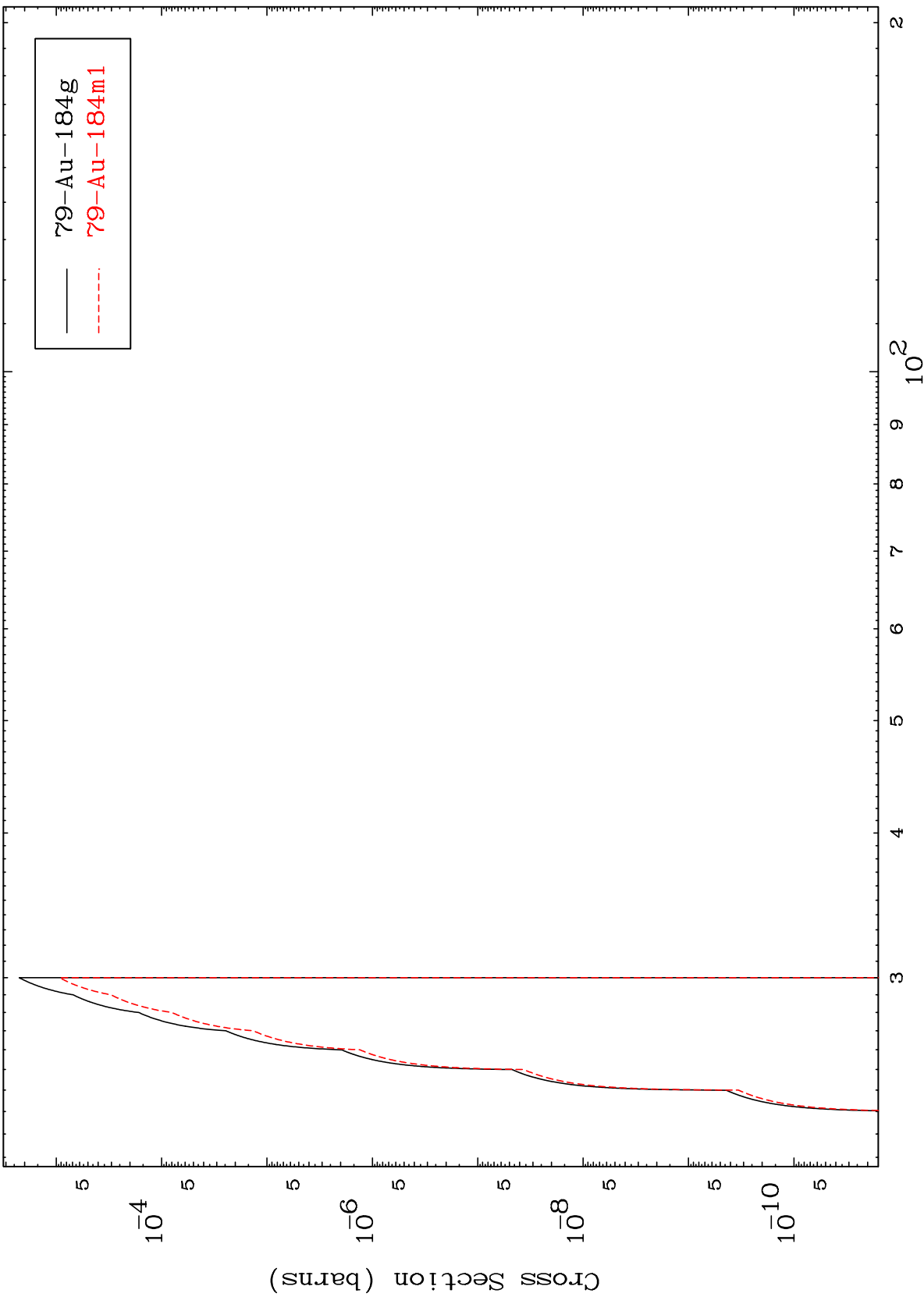
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

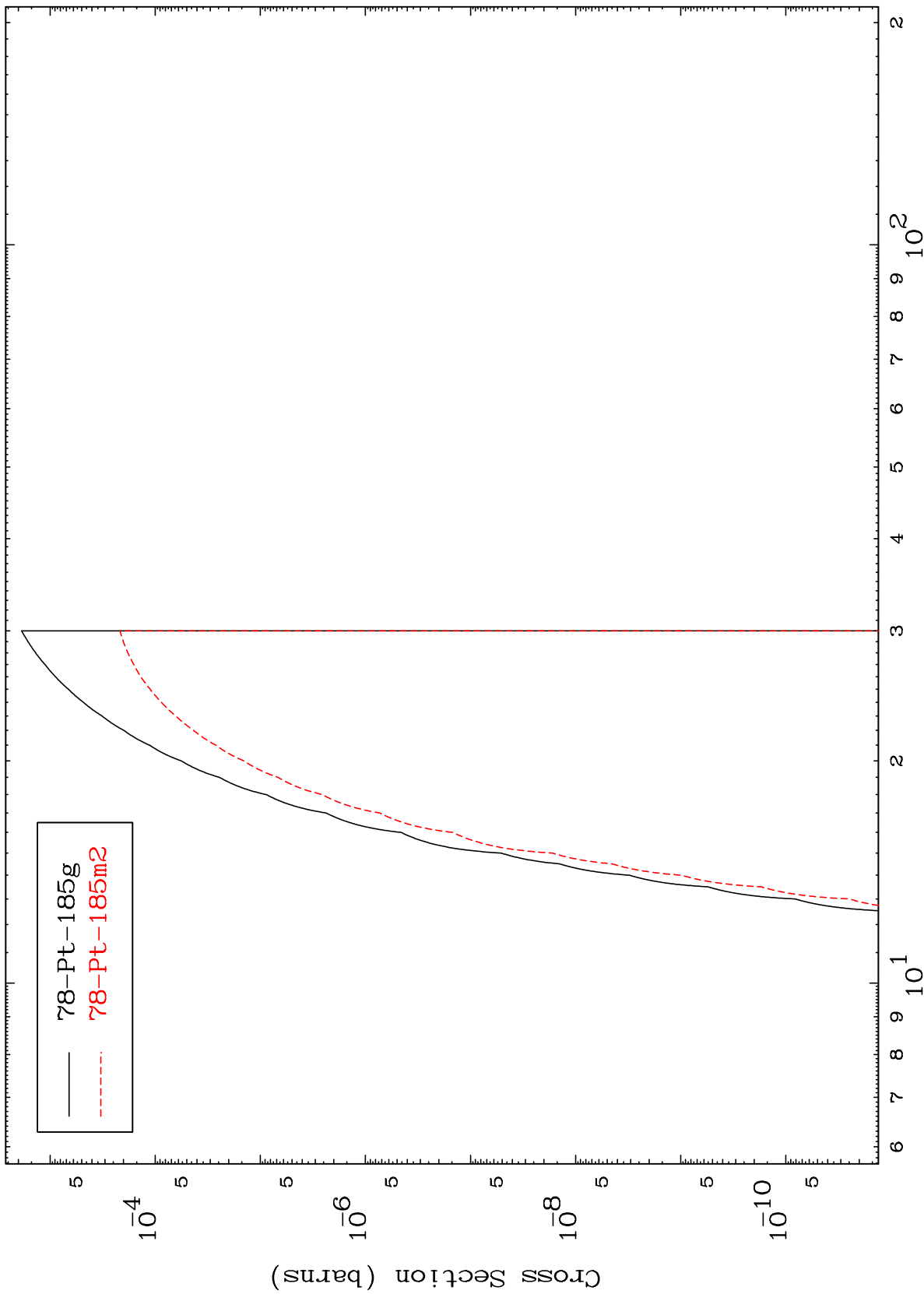


MAT 7999

(n,2n) p

80-Hg-187

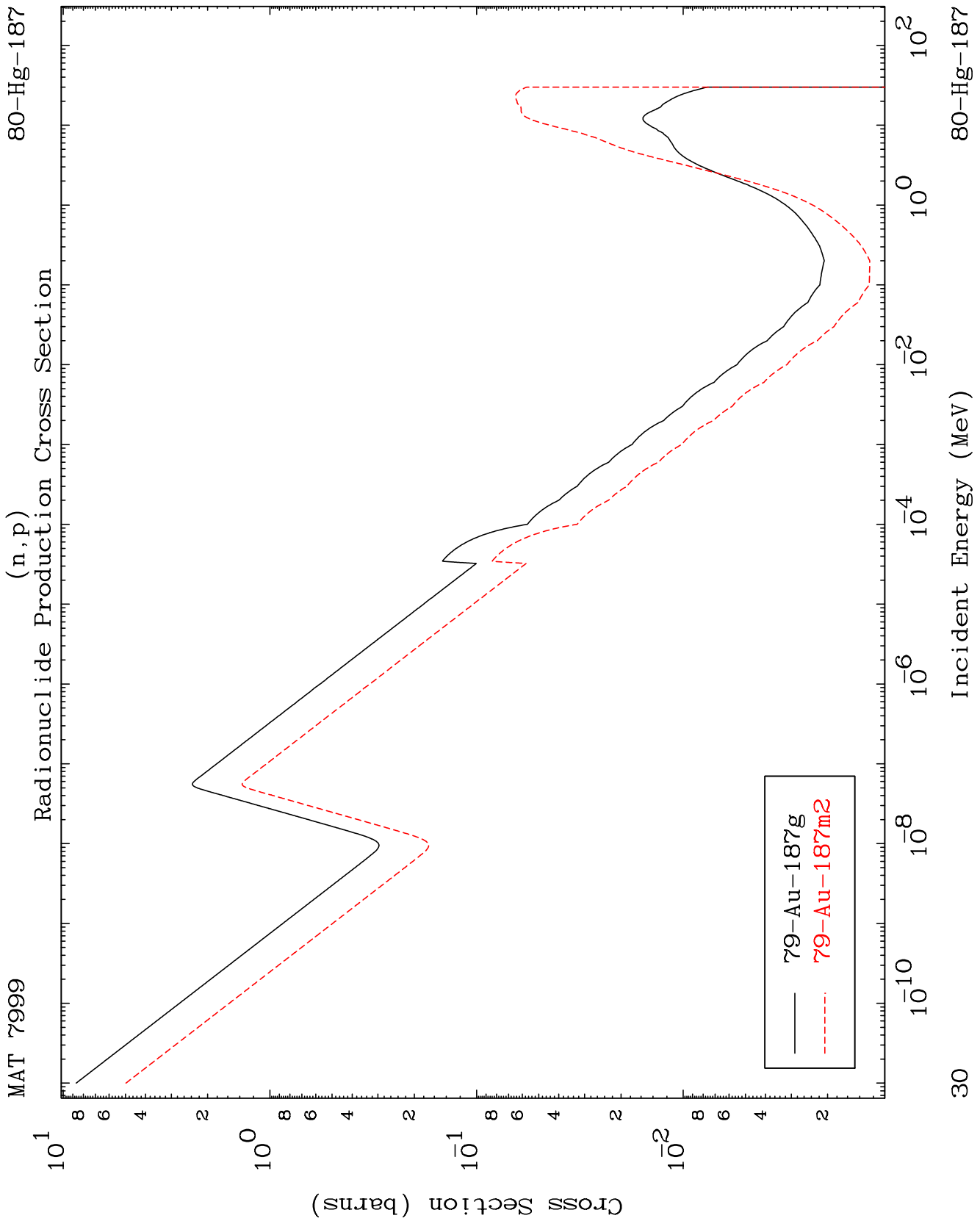
Radionuclide Production Cross Section



29

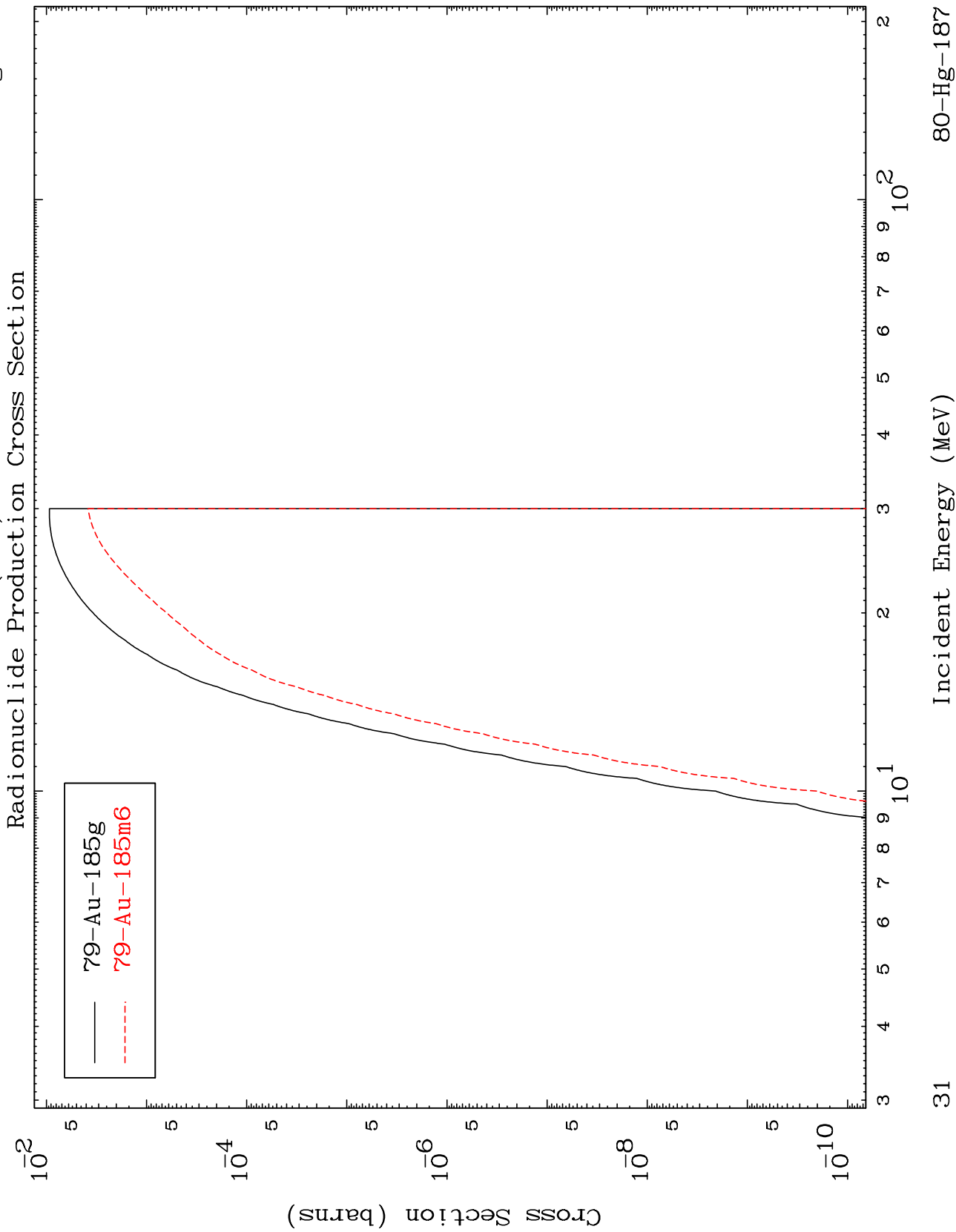
Incident Energy (MeV)

80-Hg-187



MAT 7999

80-Hg-187

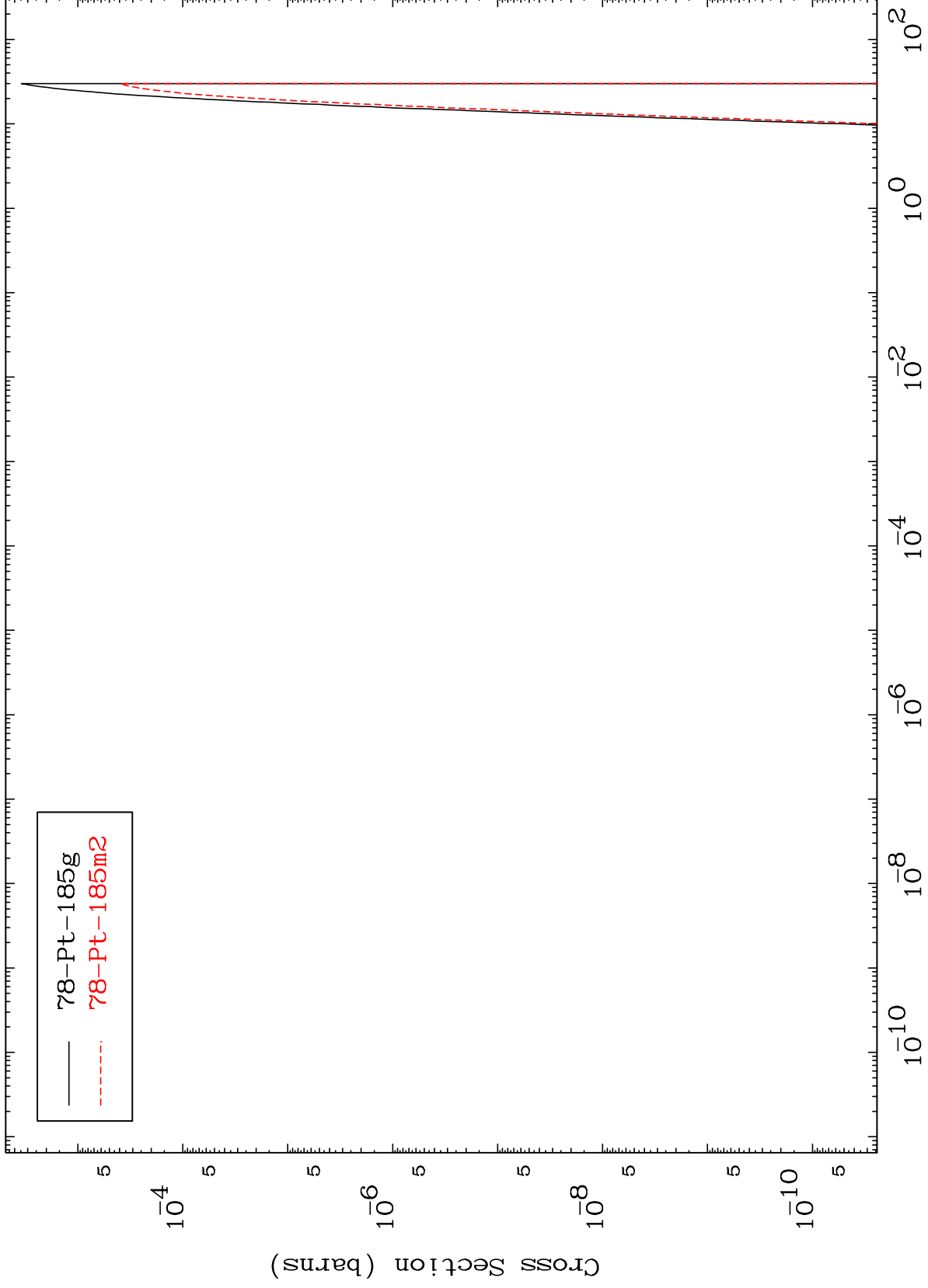


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(n,He-3)

80-Hg-187

Radionuclide Production Cross Section

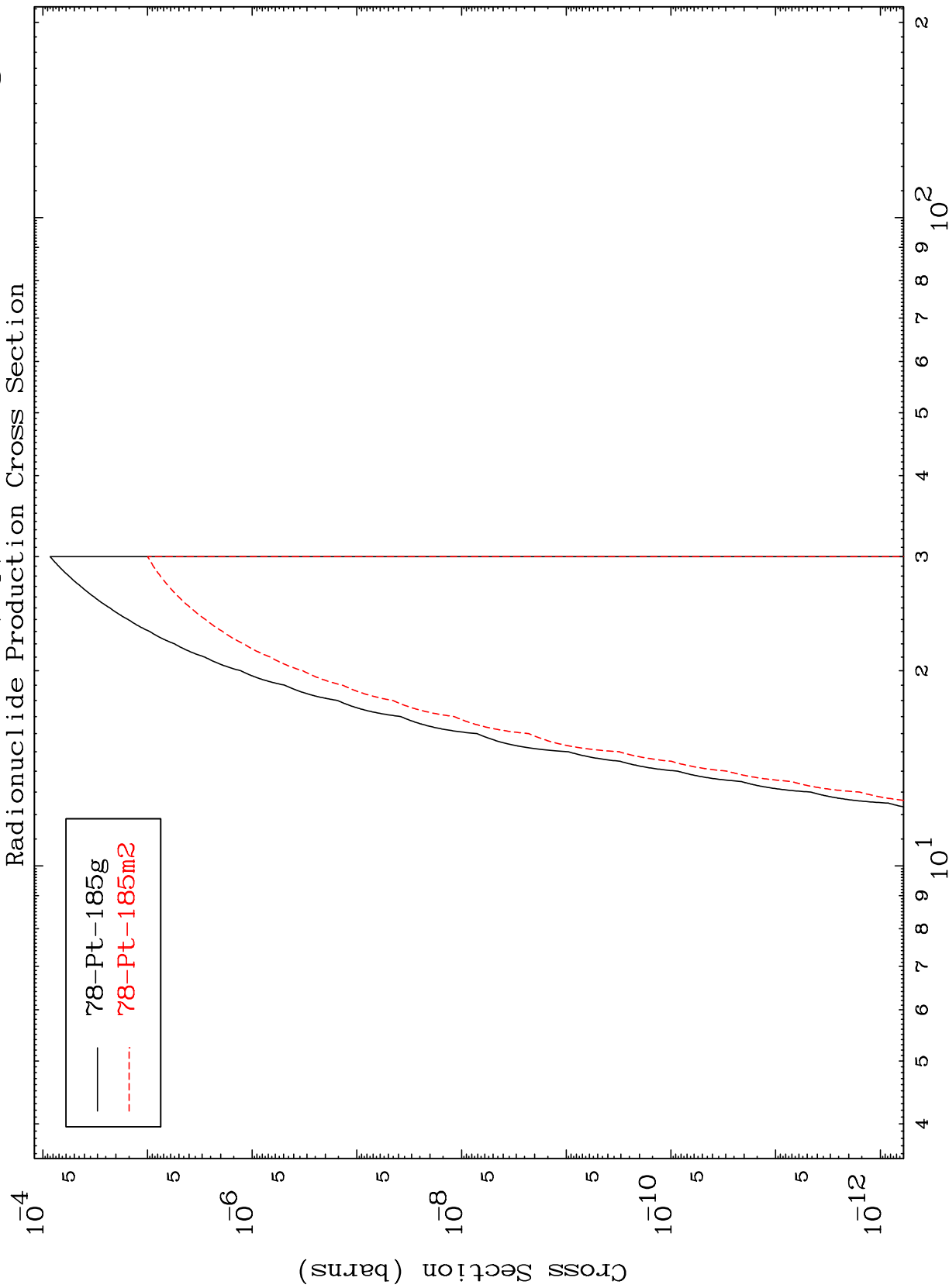


MAT 7999

(n,p) d

80-Hg-187

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

Incident Energy (MeV)

80-Hg-187

33