

Program EVALPLOT
(Version 2017-1)

by

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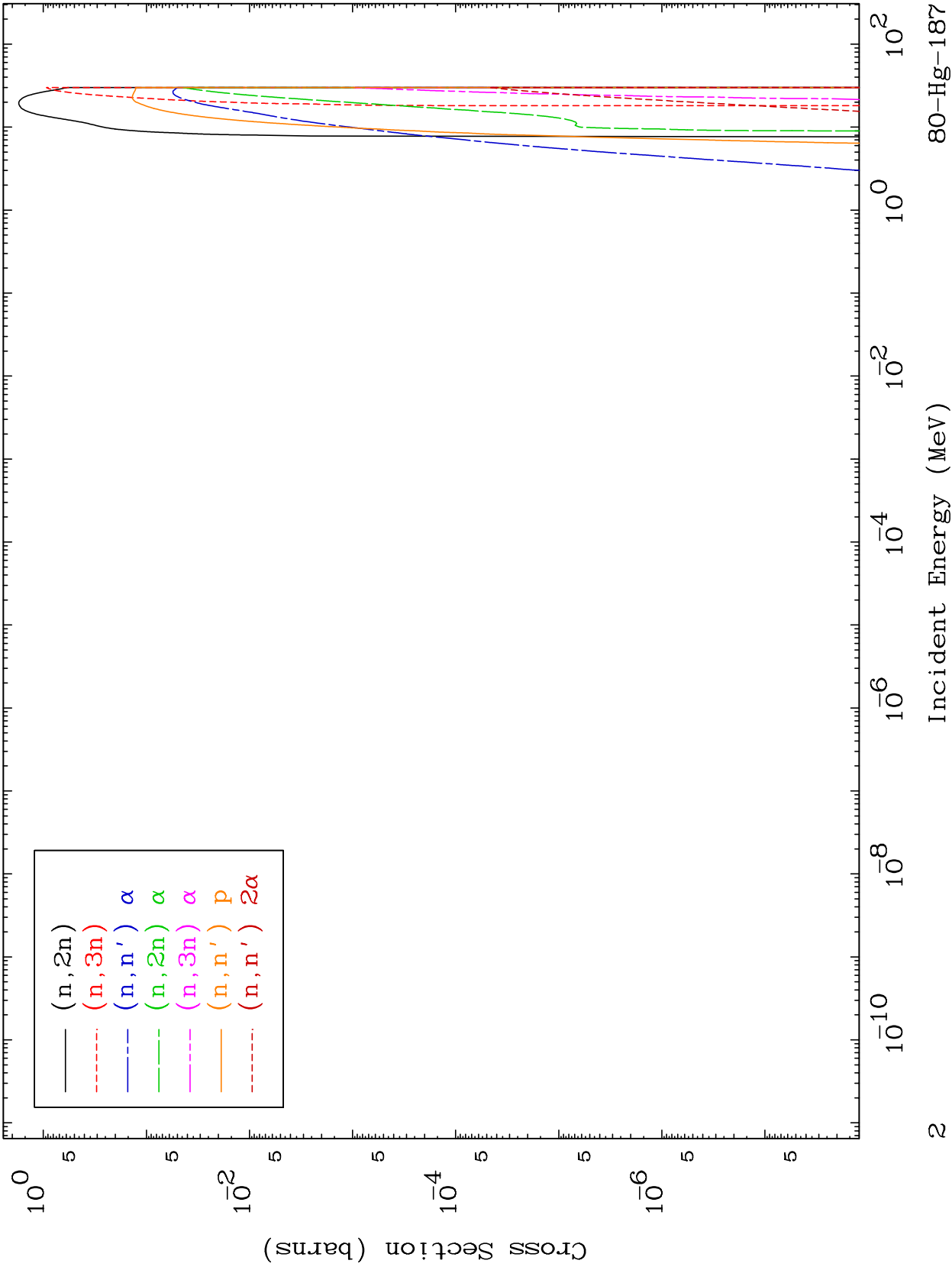
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7999

Neutron Production
293 Kelvin Cross Sections

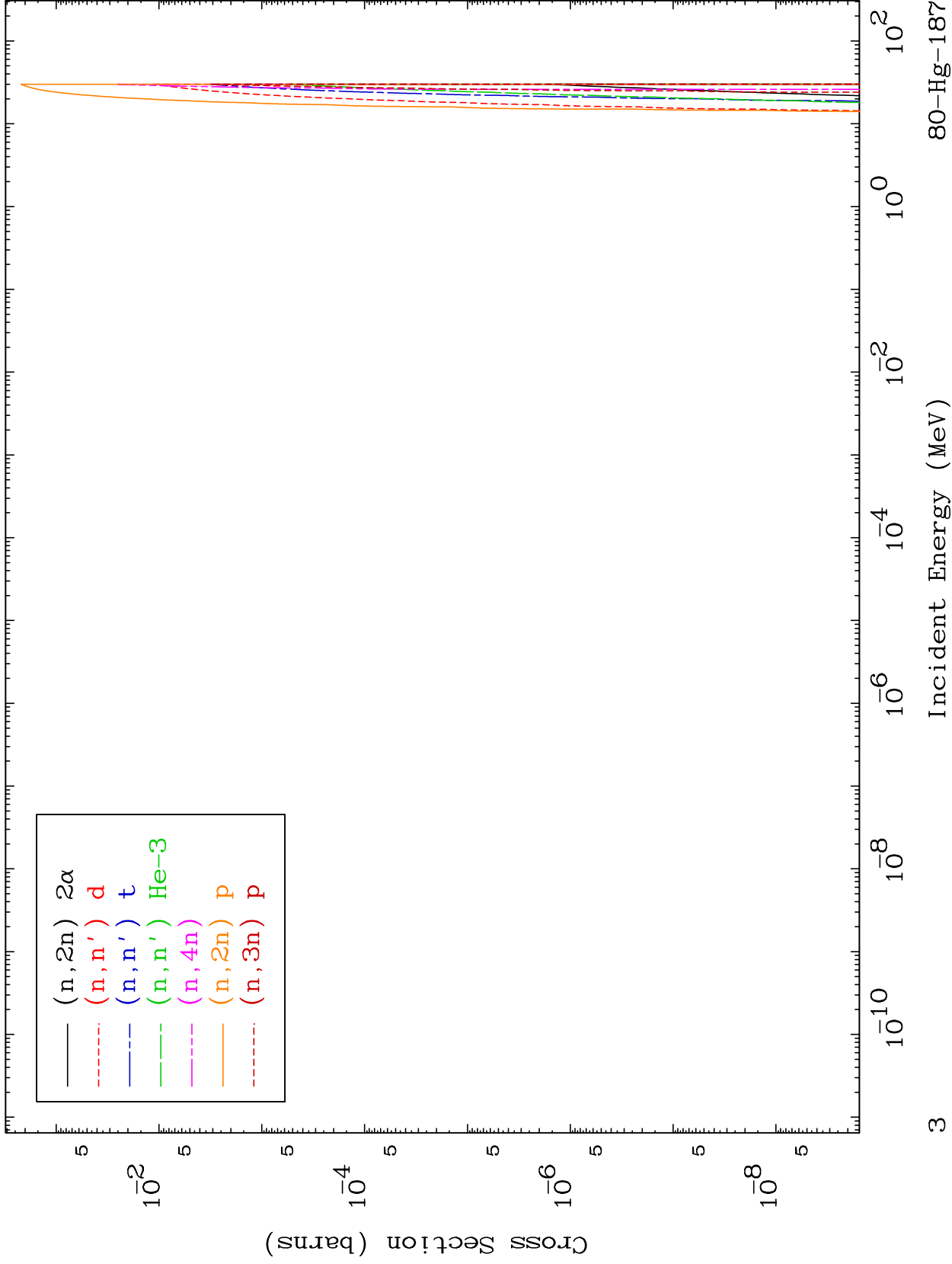
80-Hg-187



MAT 7999

Neutron Production
293 Kelvin Cross Sections

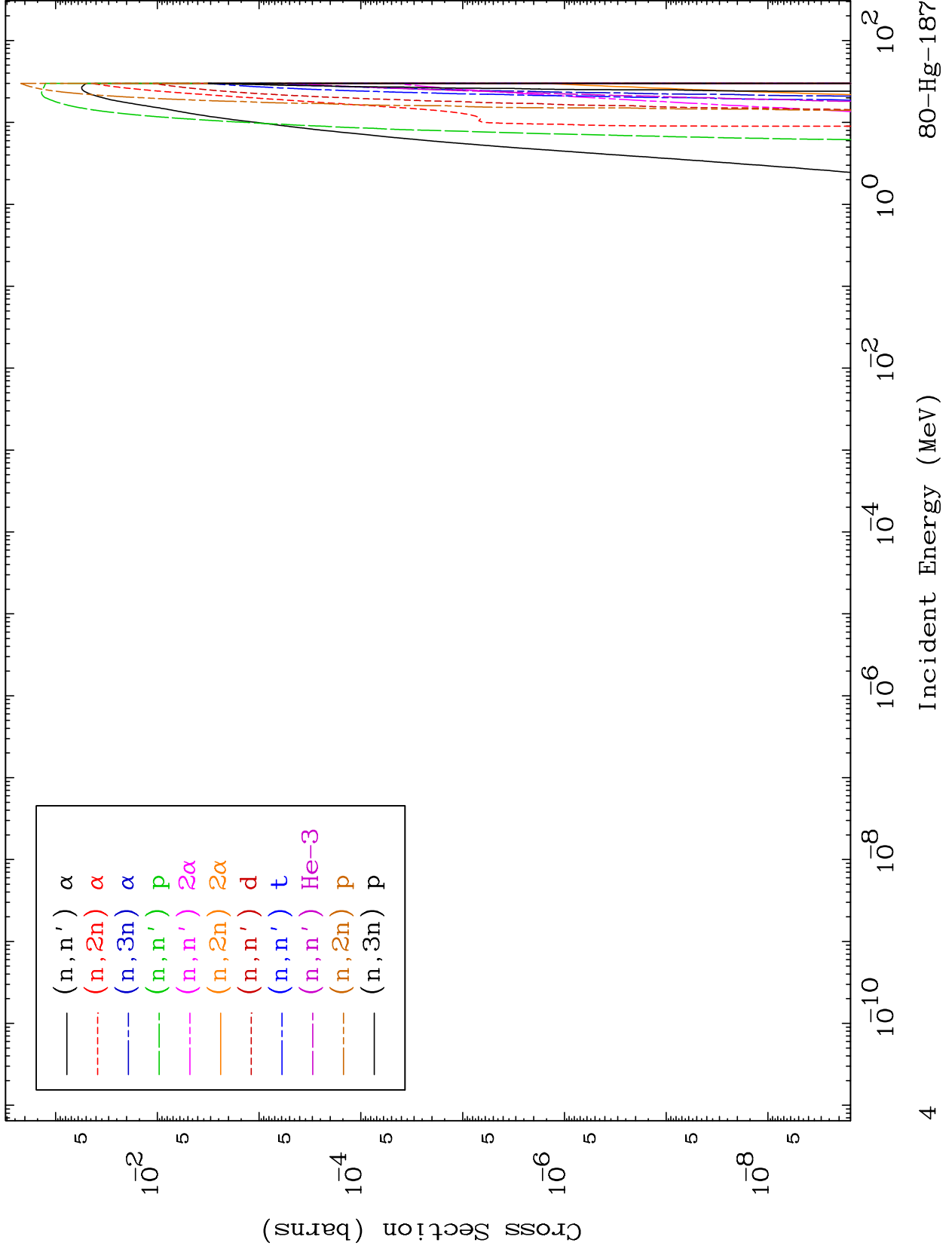
80-Hg-187



MAT 7999

Charged Particle
293 Kelvin Cross Sections

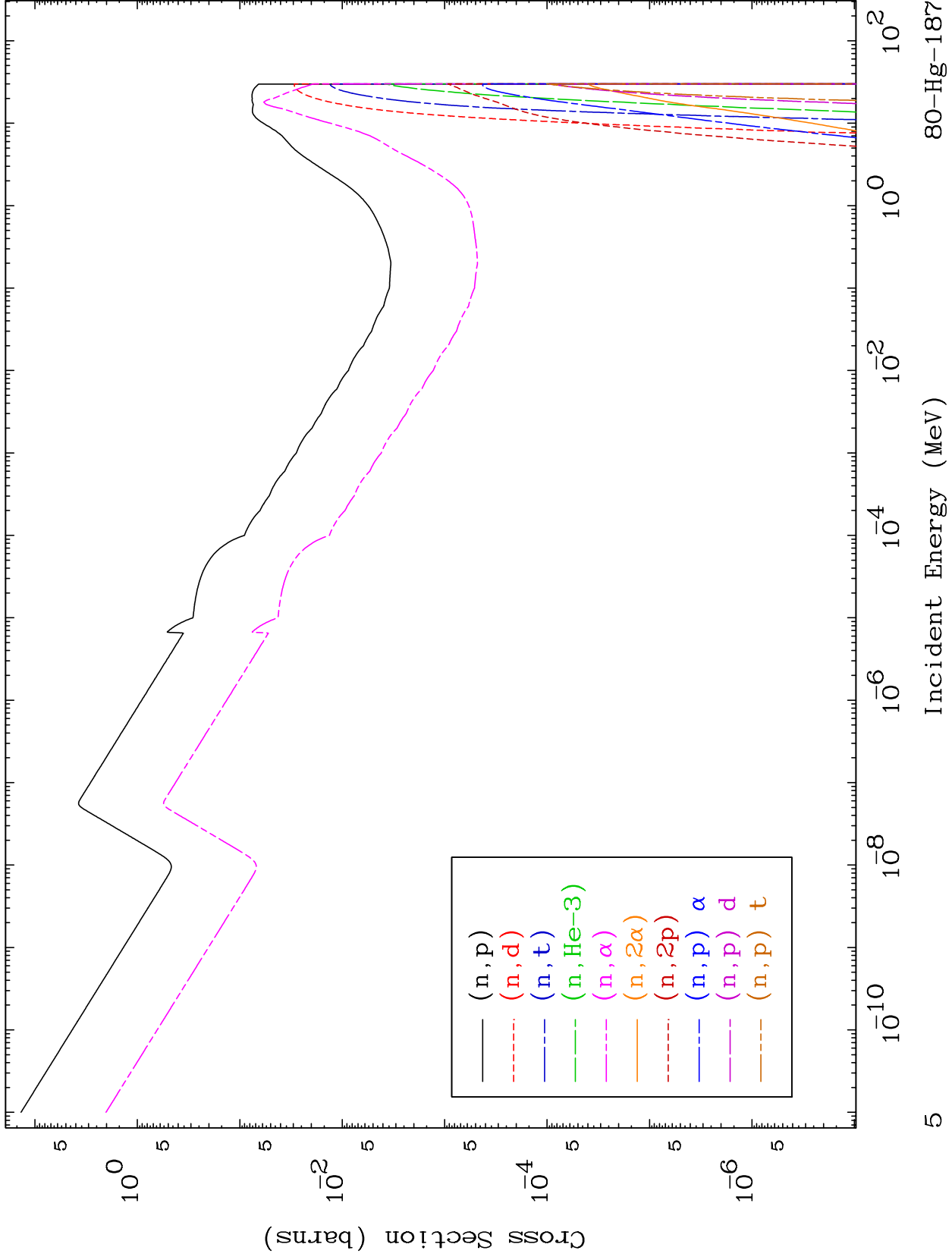
80-Hg-187



MAT 7999

Charged Particle
293 Kelvin Cross Sections

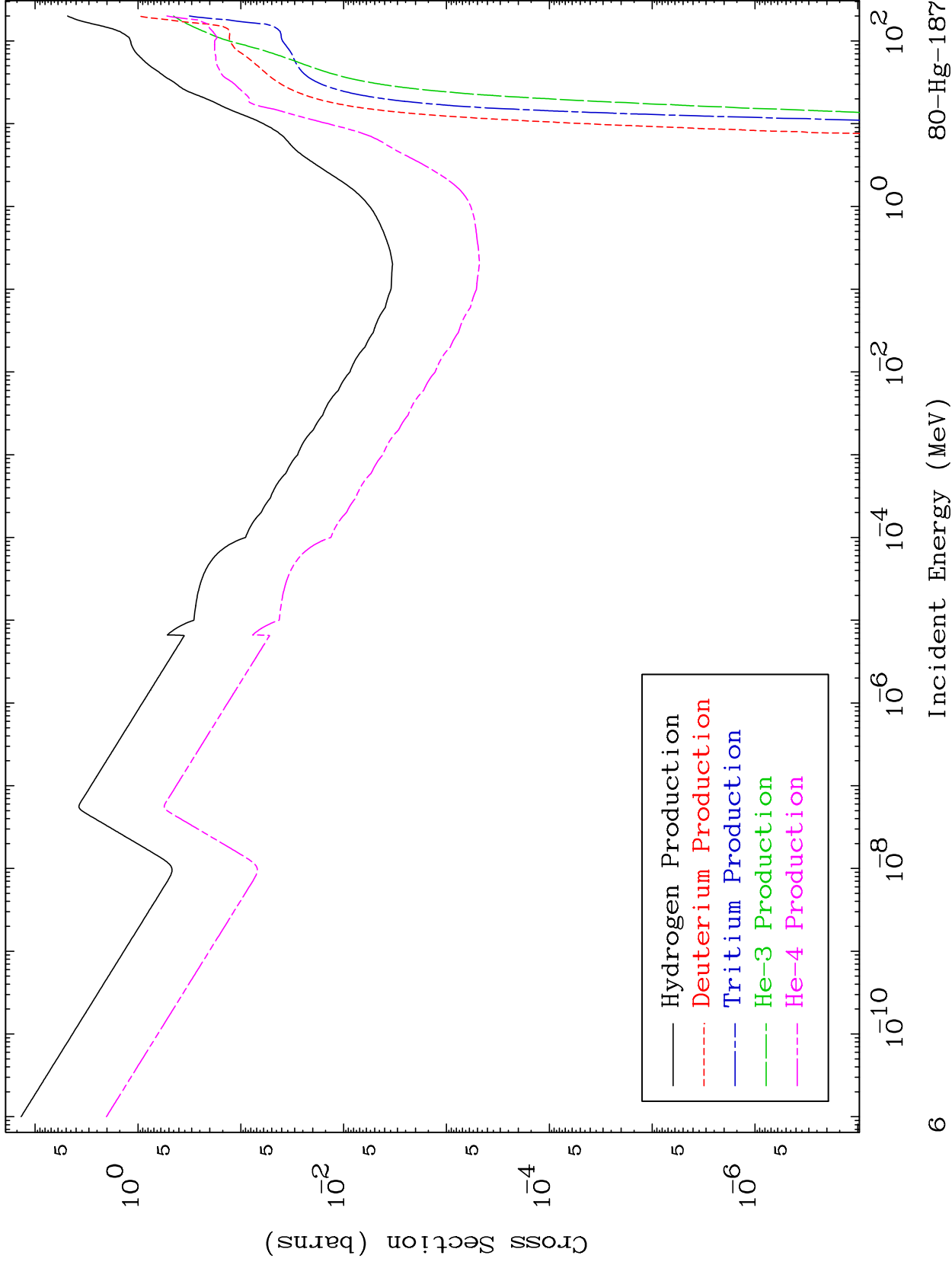
80-Hg-187



MAT 7999

Particle Production
293 Kelvin Cross Sections

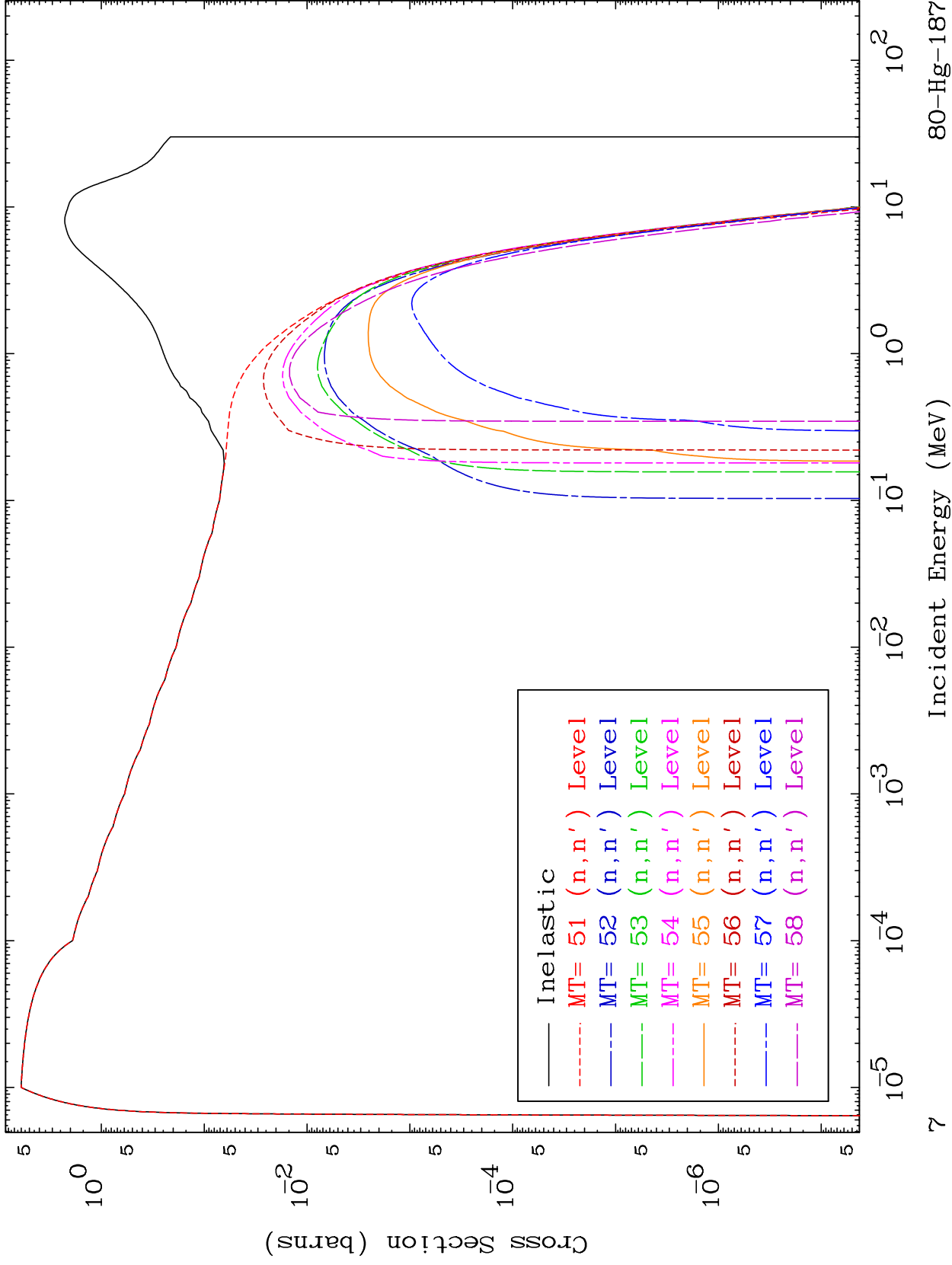
80-Hg-187



MAT 7999

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187

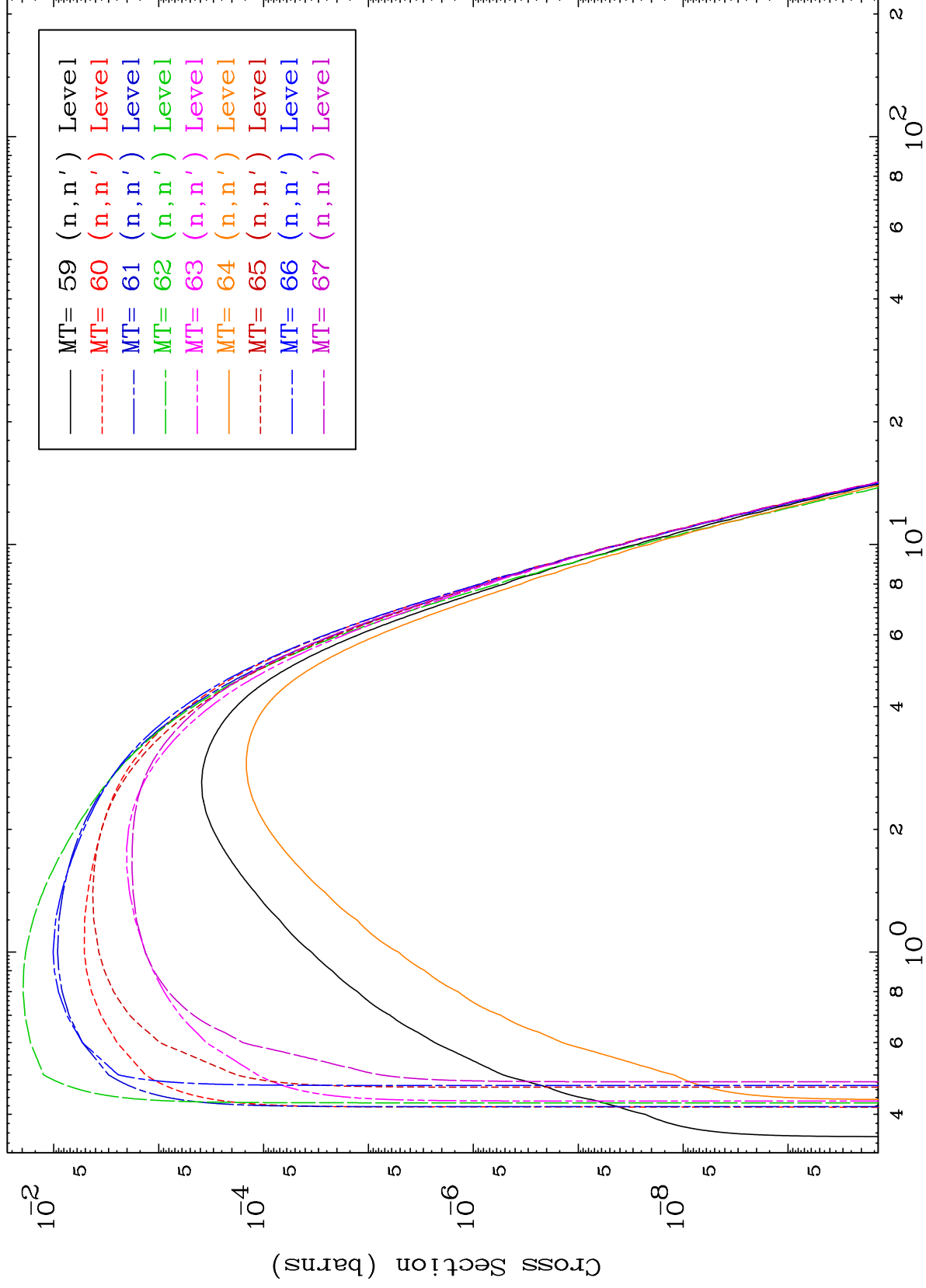


MAT 7999

(n,n') Level

80-Hg-187

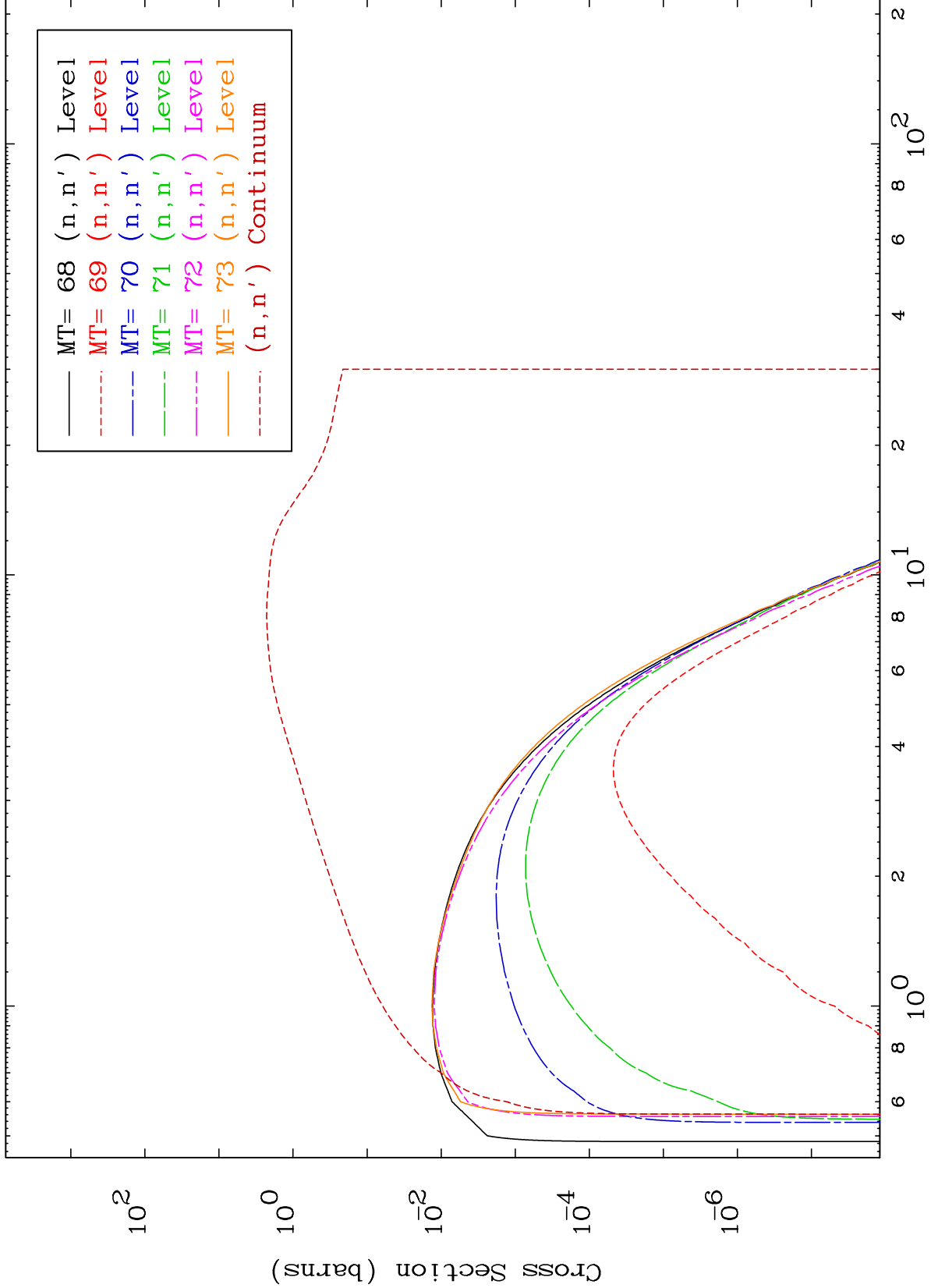
293 Kelvin Cross Sections



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Incident Energy (MeV)

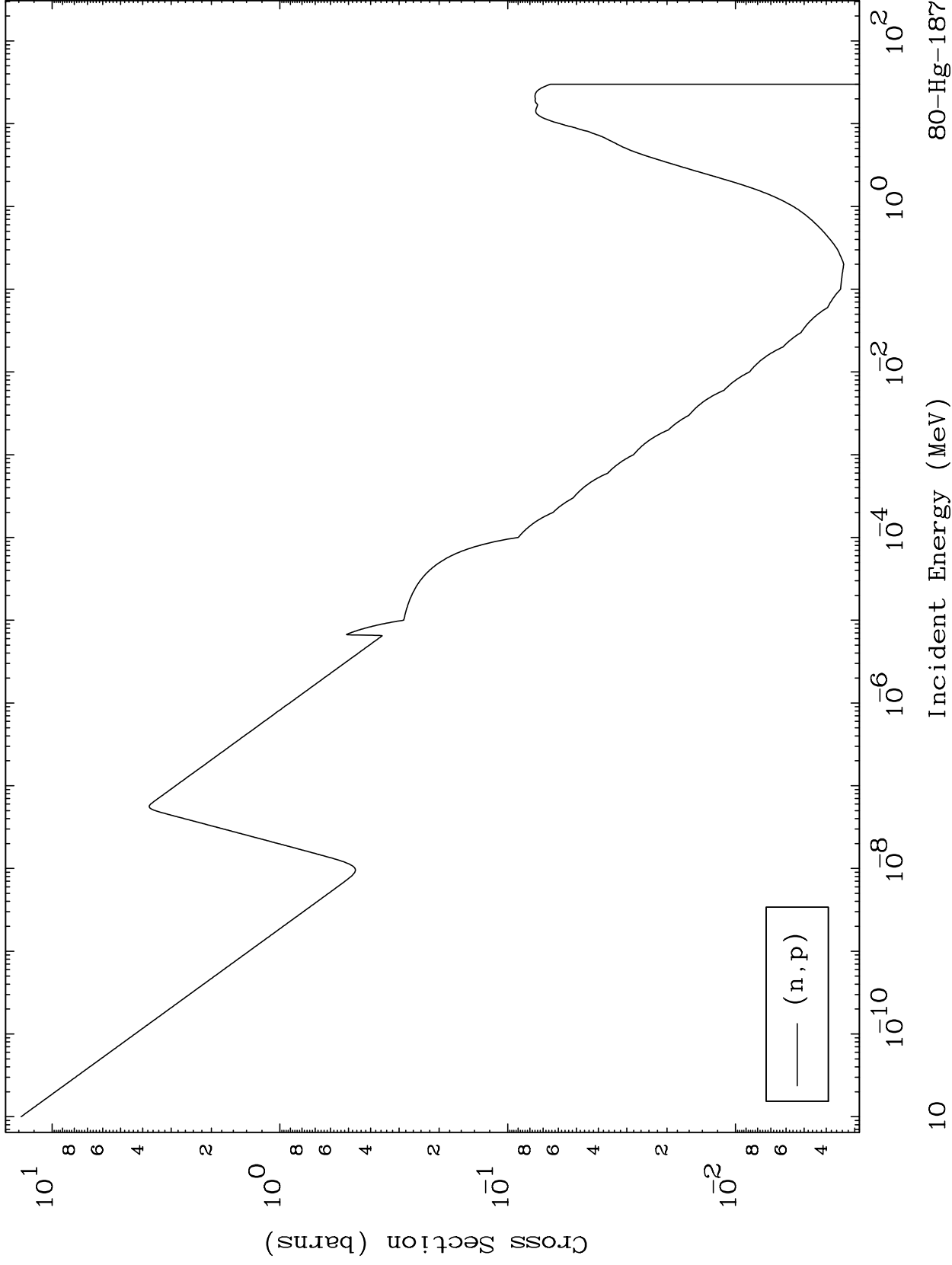
80-Hg-187



MAT 7999

(n,p) Levels
293 Kelvin Cross Sections

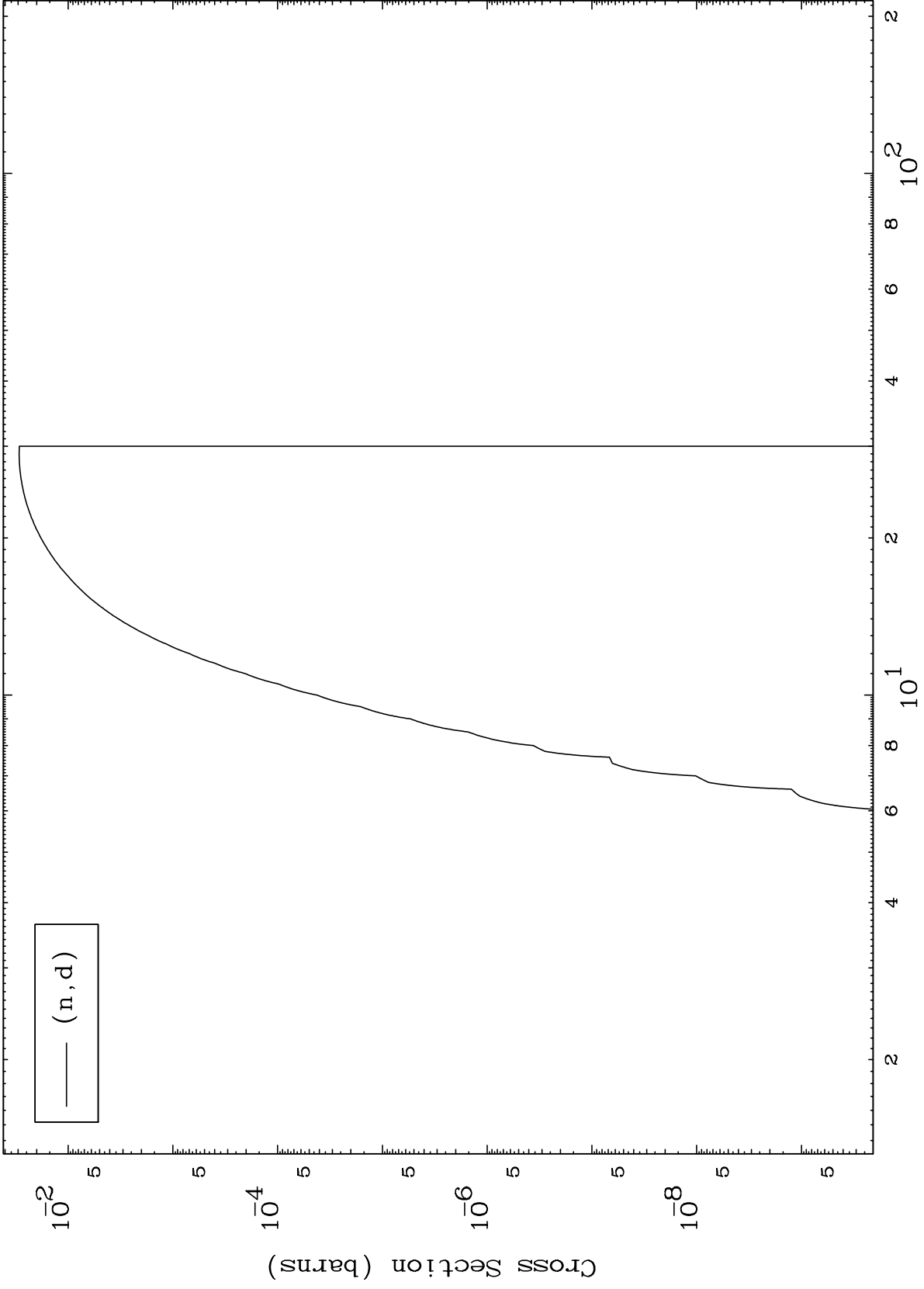
80-Hg-187



MAT 7999

(n,d) Levels
293 Kelvin Cross Sections

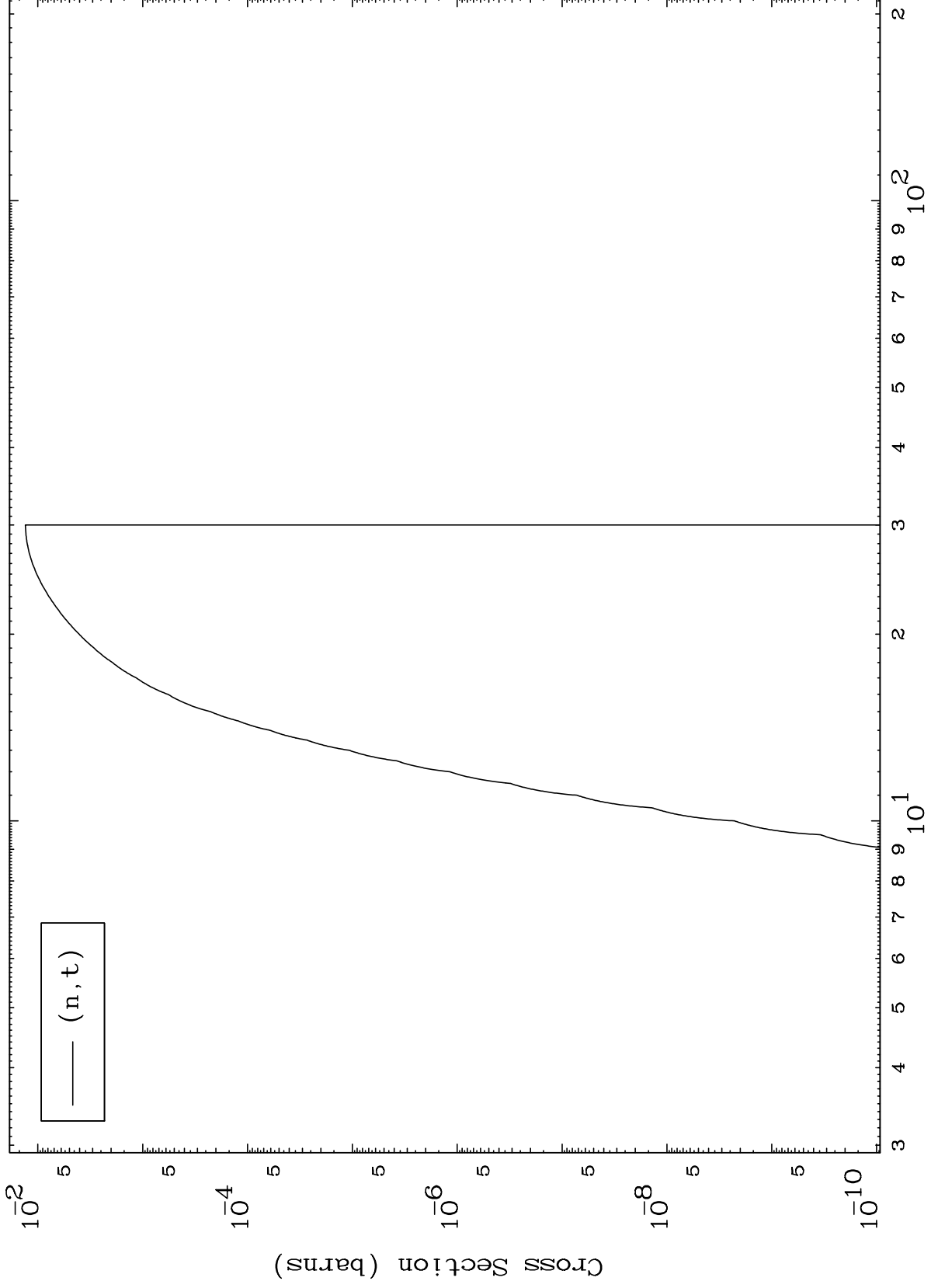
80-Hg-187



MAT 7999

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-187



12

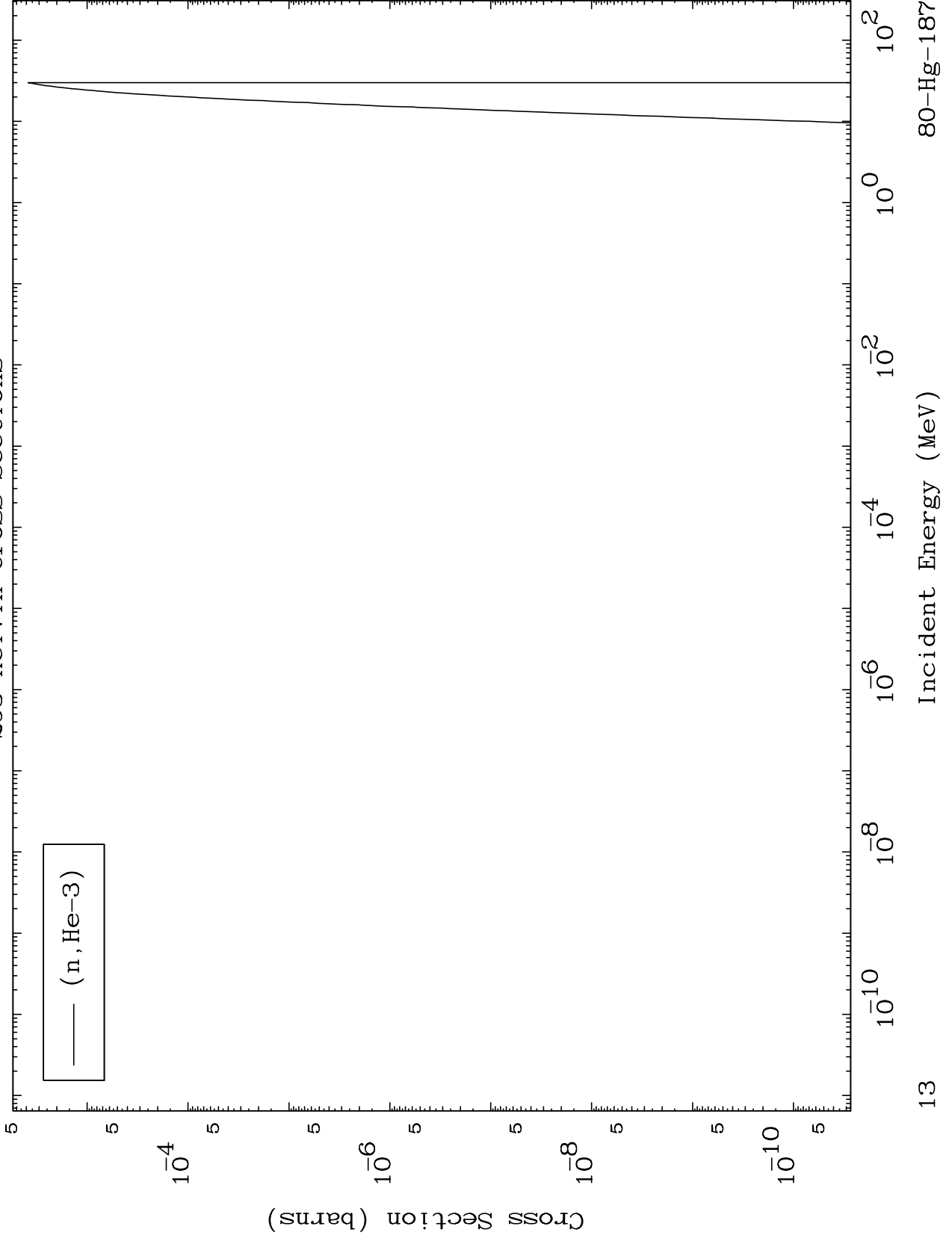
Incident Energy (MeV)

80-Hg-187

MAT 7999

(n,He3) Levels
293 Kelvin Cross Sections

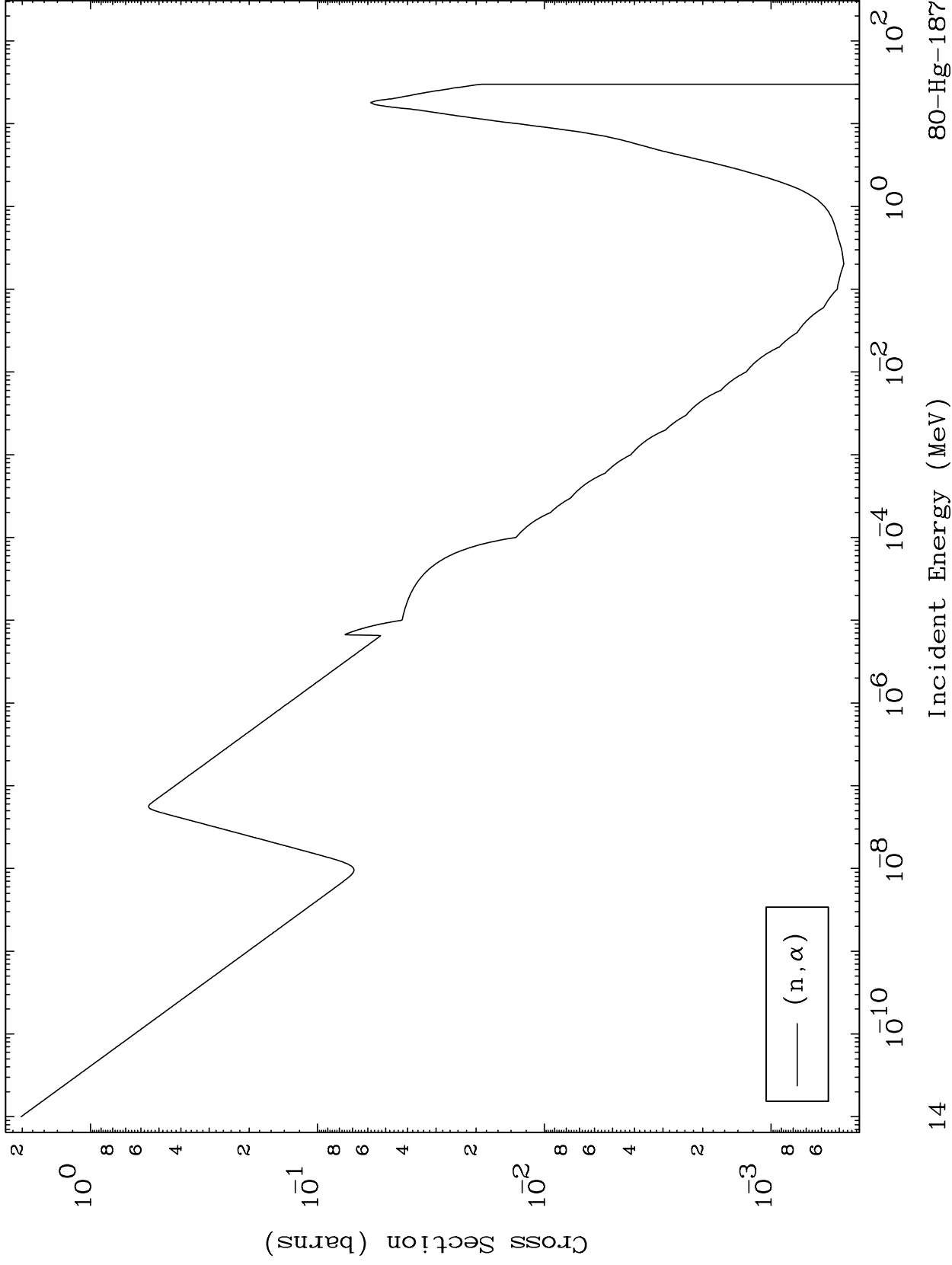
80-Hg-187

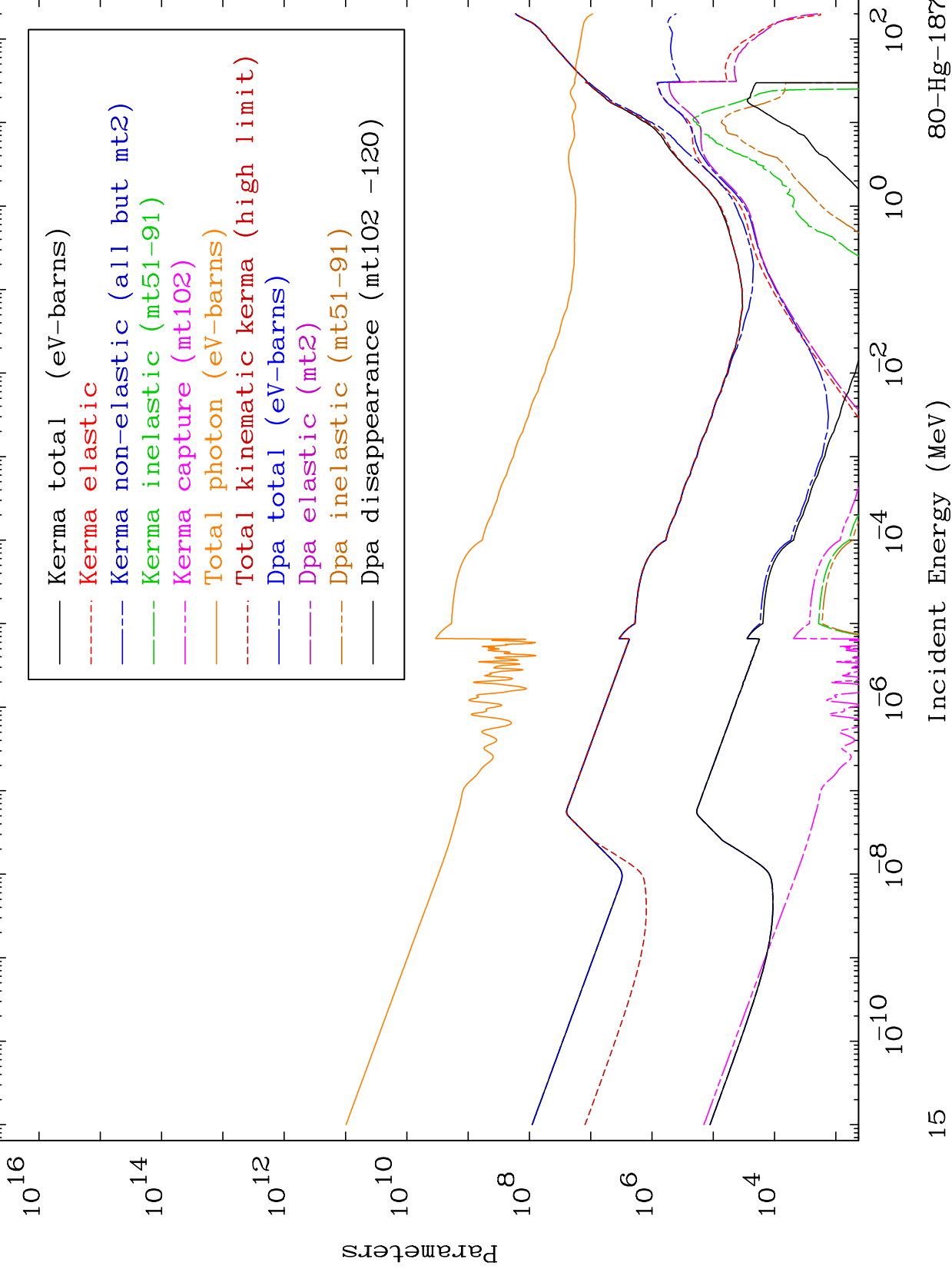


MAT 7999

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-187

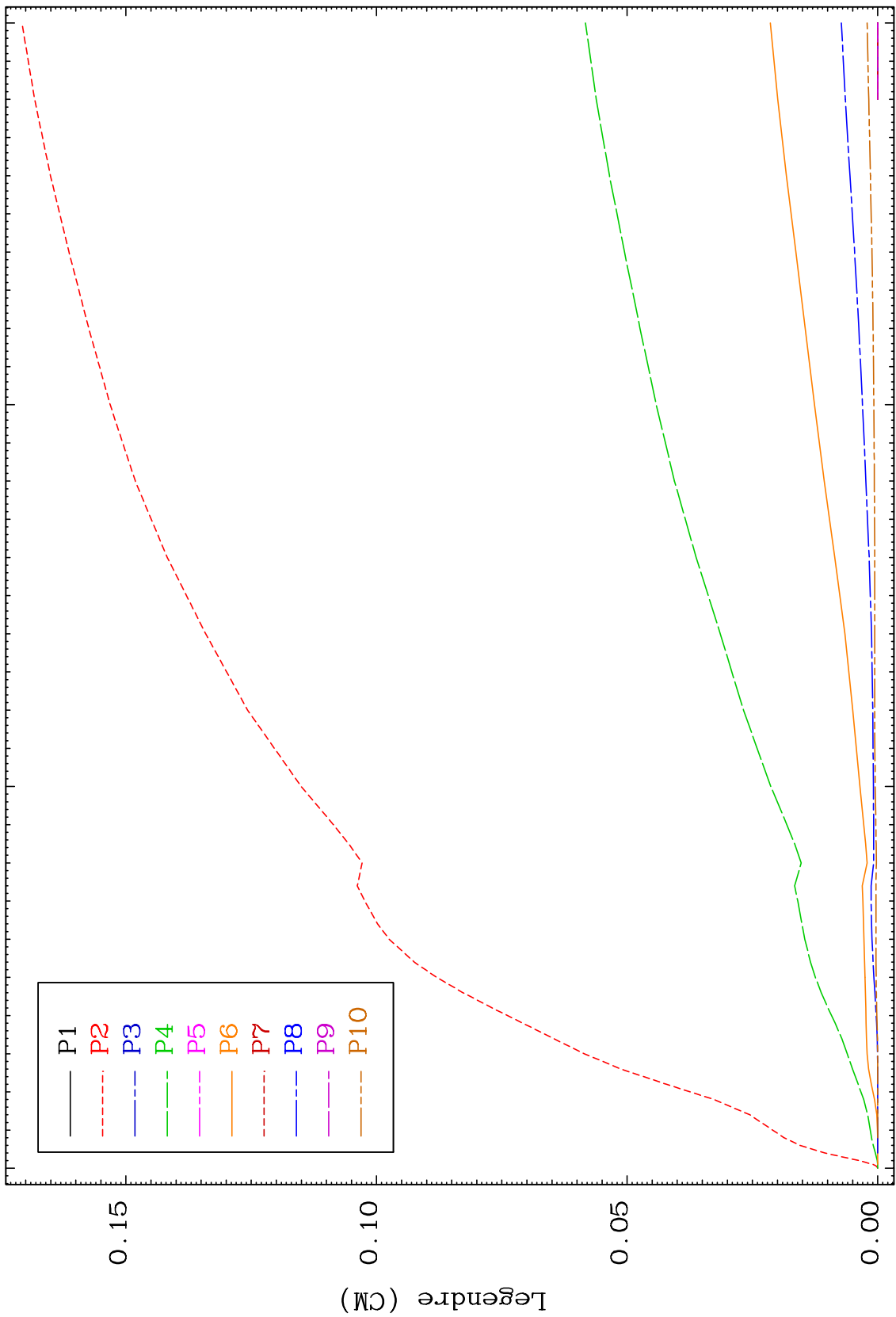




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Elastic Legendre Coefficients

80-Hg-187



16

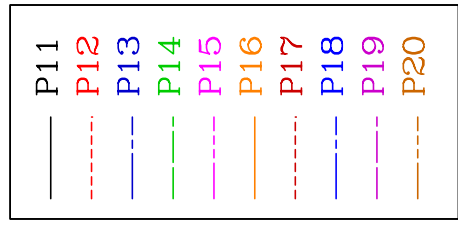
Incident Energy (MeV)

80-Hg-187

MAT 7999

Elastic Legendre Coefficients

80-Hg-187



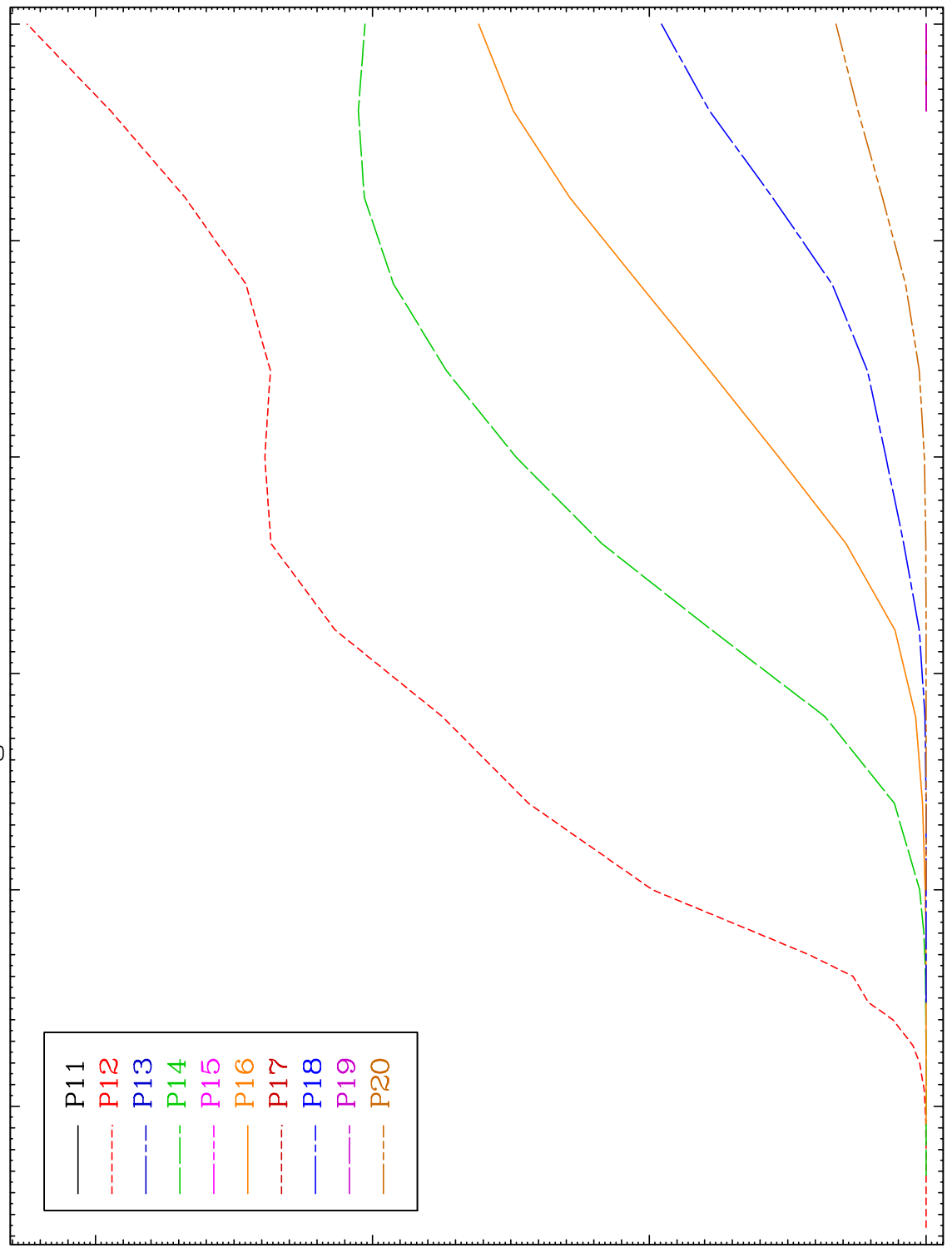
$\times 10^{-4}$

Legendre (CM)

17

Incident Energy (MeV)

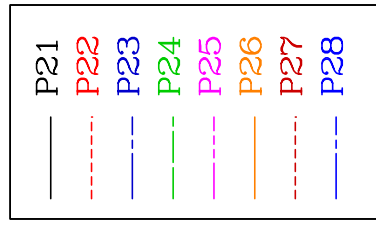
80-Hg-187



MAT 7999

Elastic Legendre Coefficients

80-Hg-187



$\times 10^{-6}$

Legendre (CM)



18

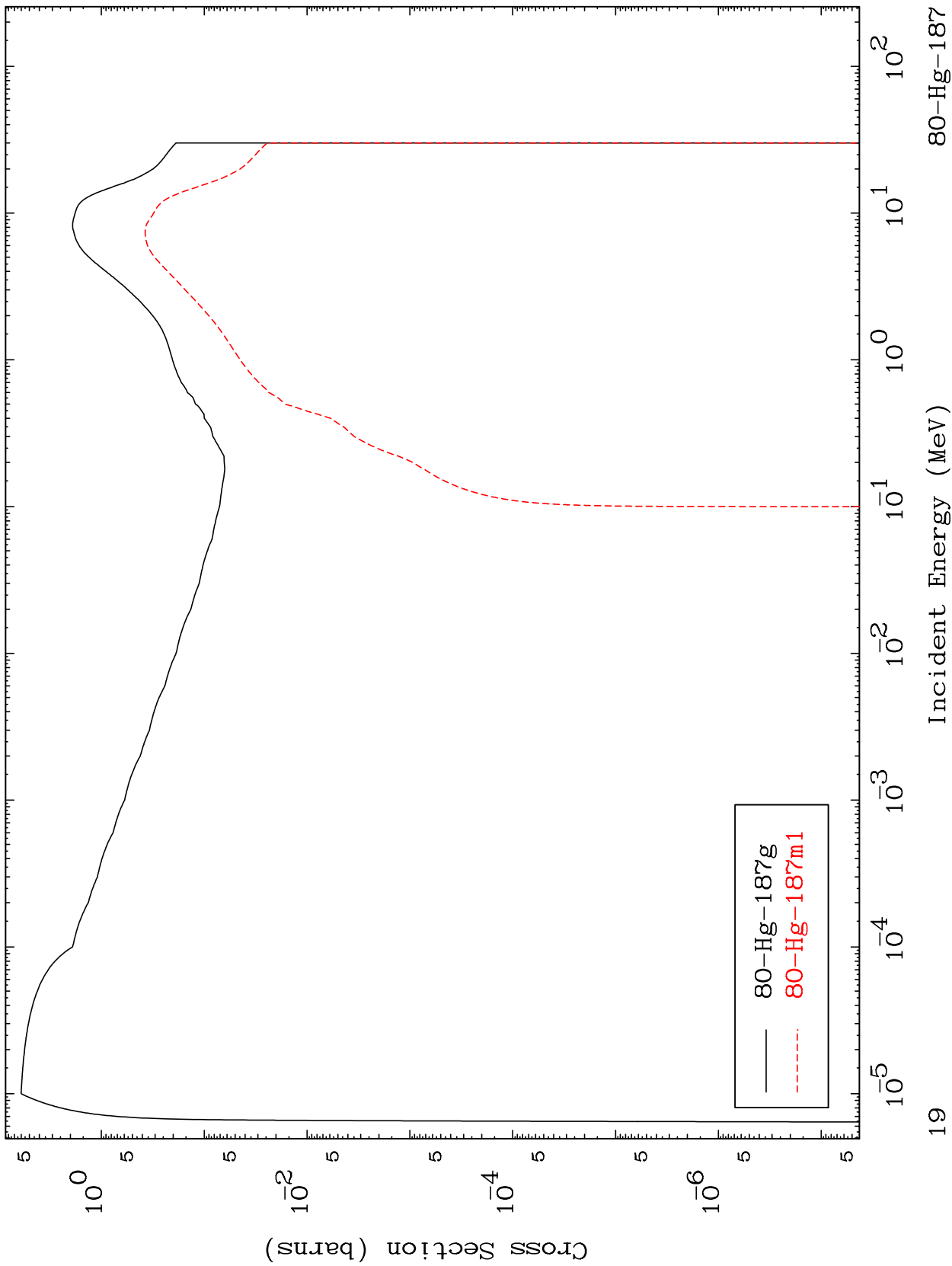
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

Inelastic
Radionuclide Production Cross Section

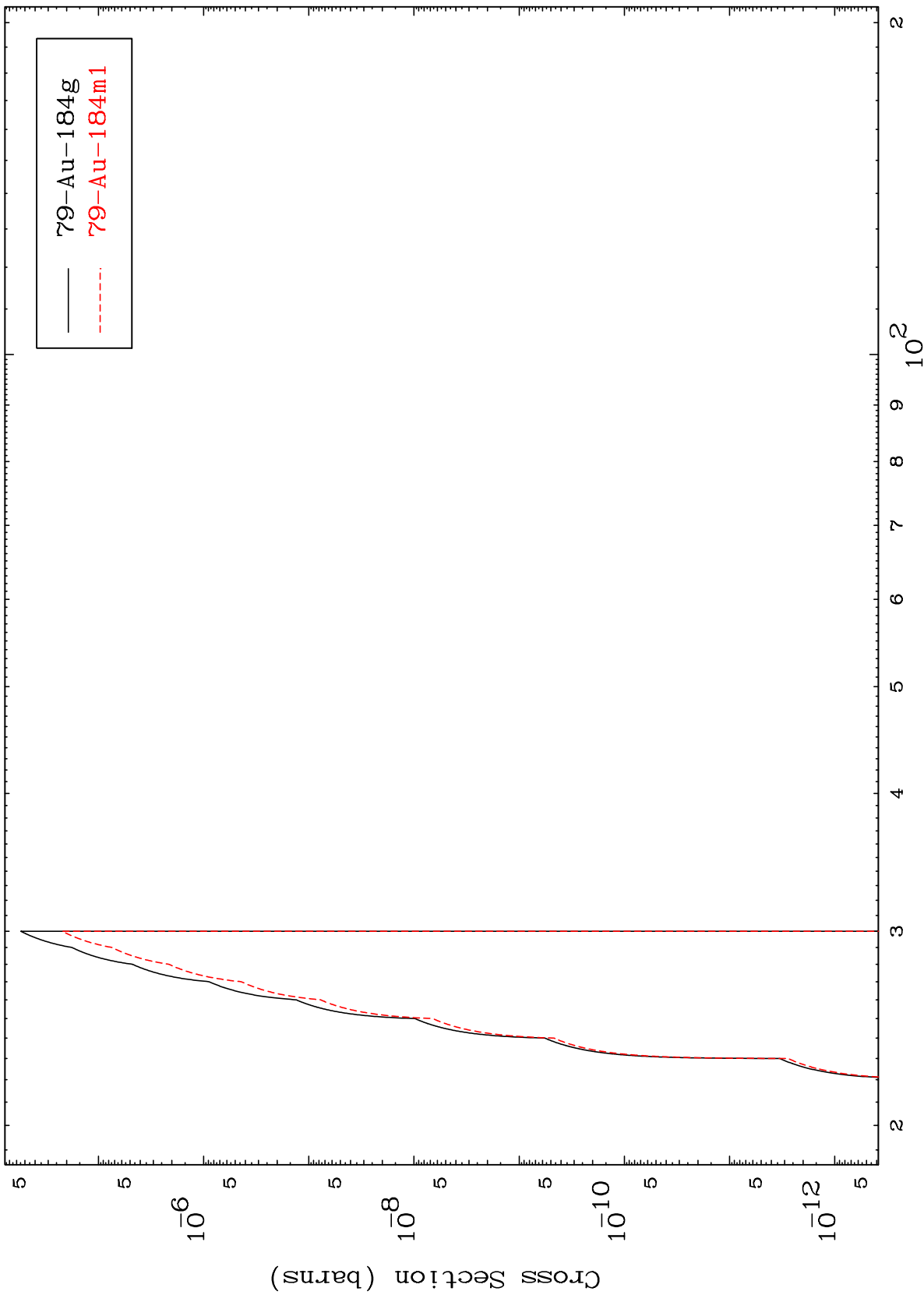


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(n,2n) d

80-Hg-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

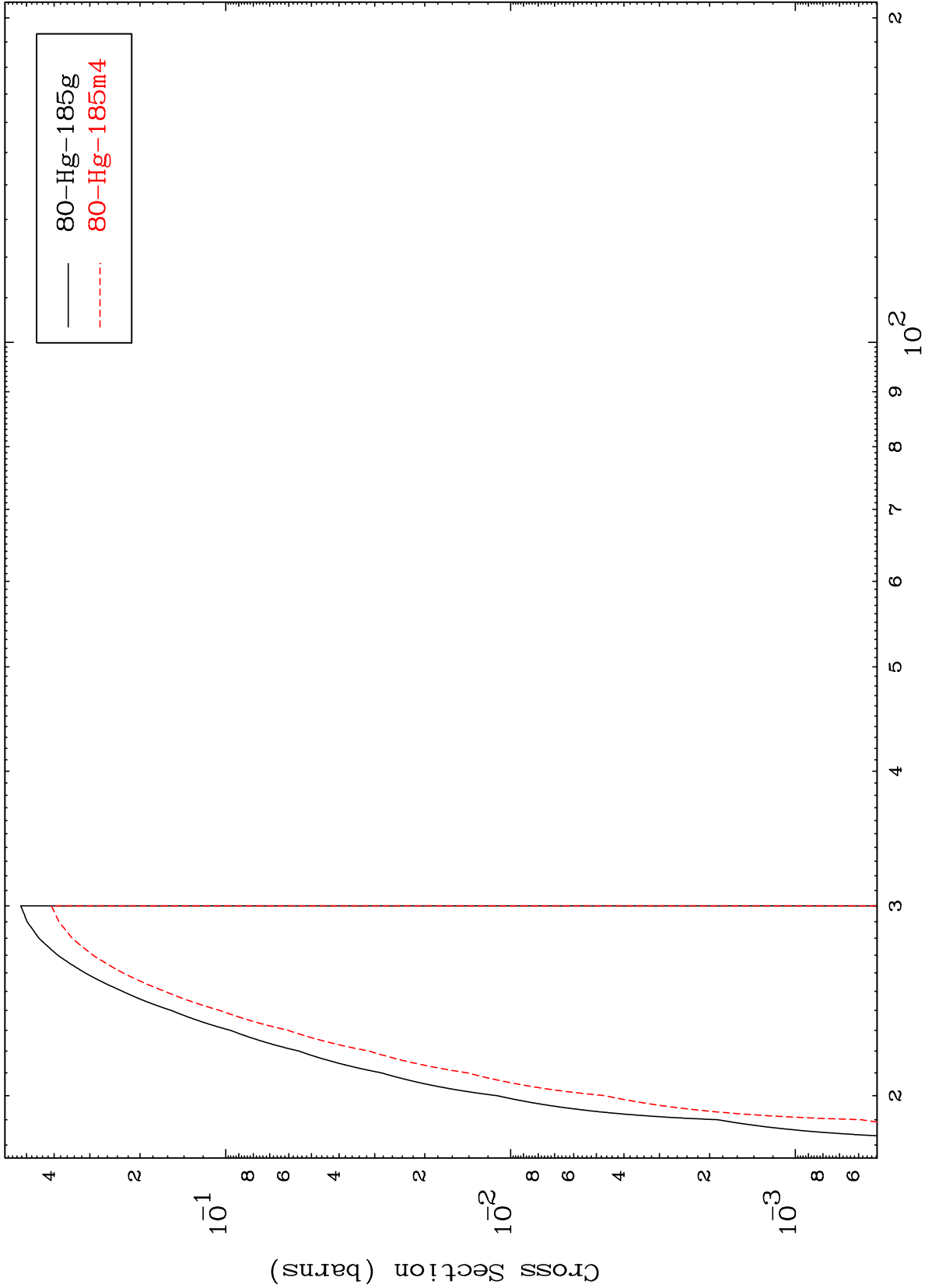
80-Hg-187

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(n,3n)

80-Hg-187

Radionuclide Production Cross Section



21

Incident Energy (MeV)

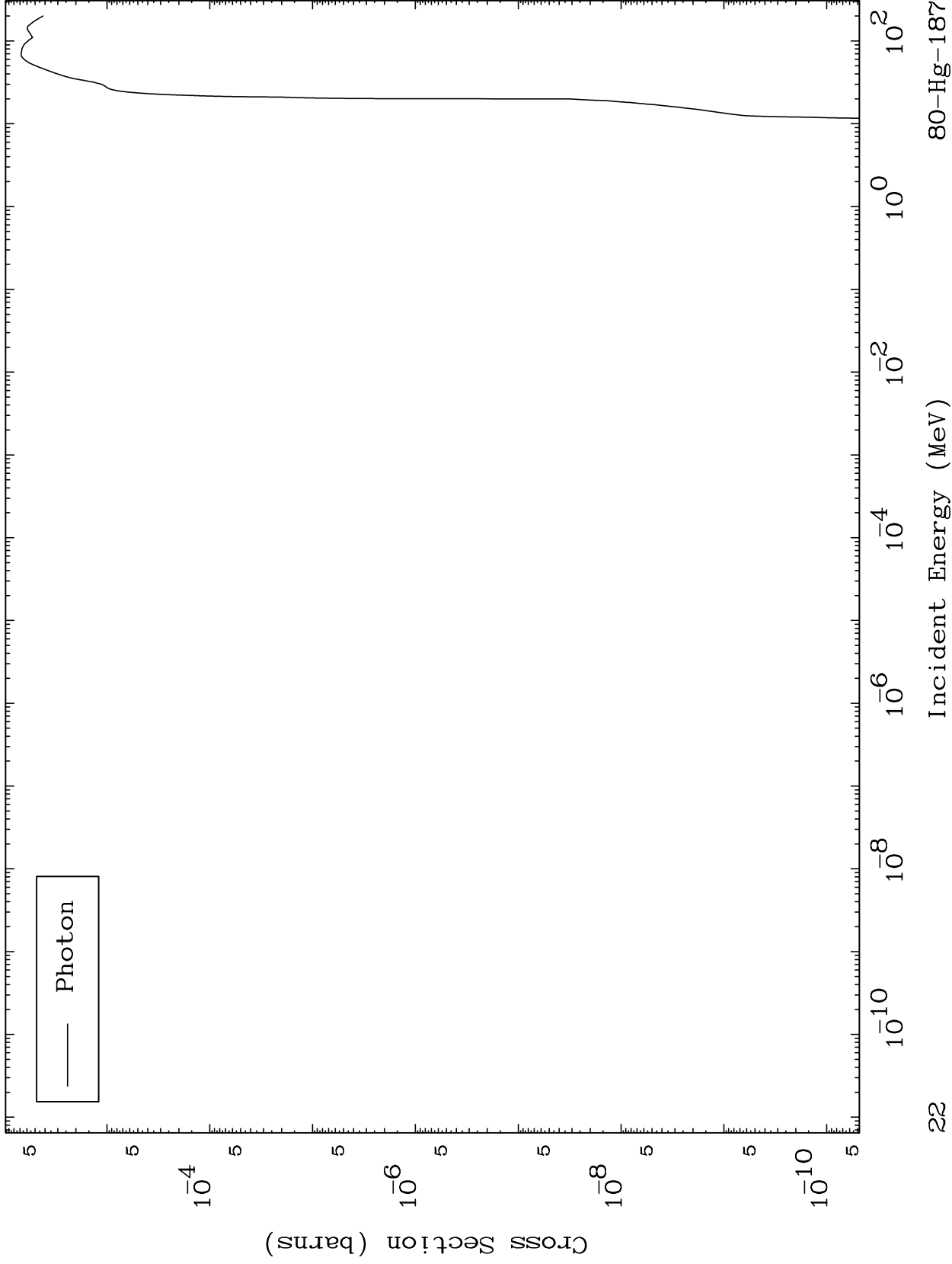
80-Hg-187

MAT 7999

Fission

80-Hg-187

Radionuclide Production Cross Section

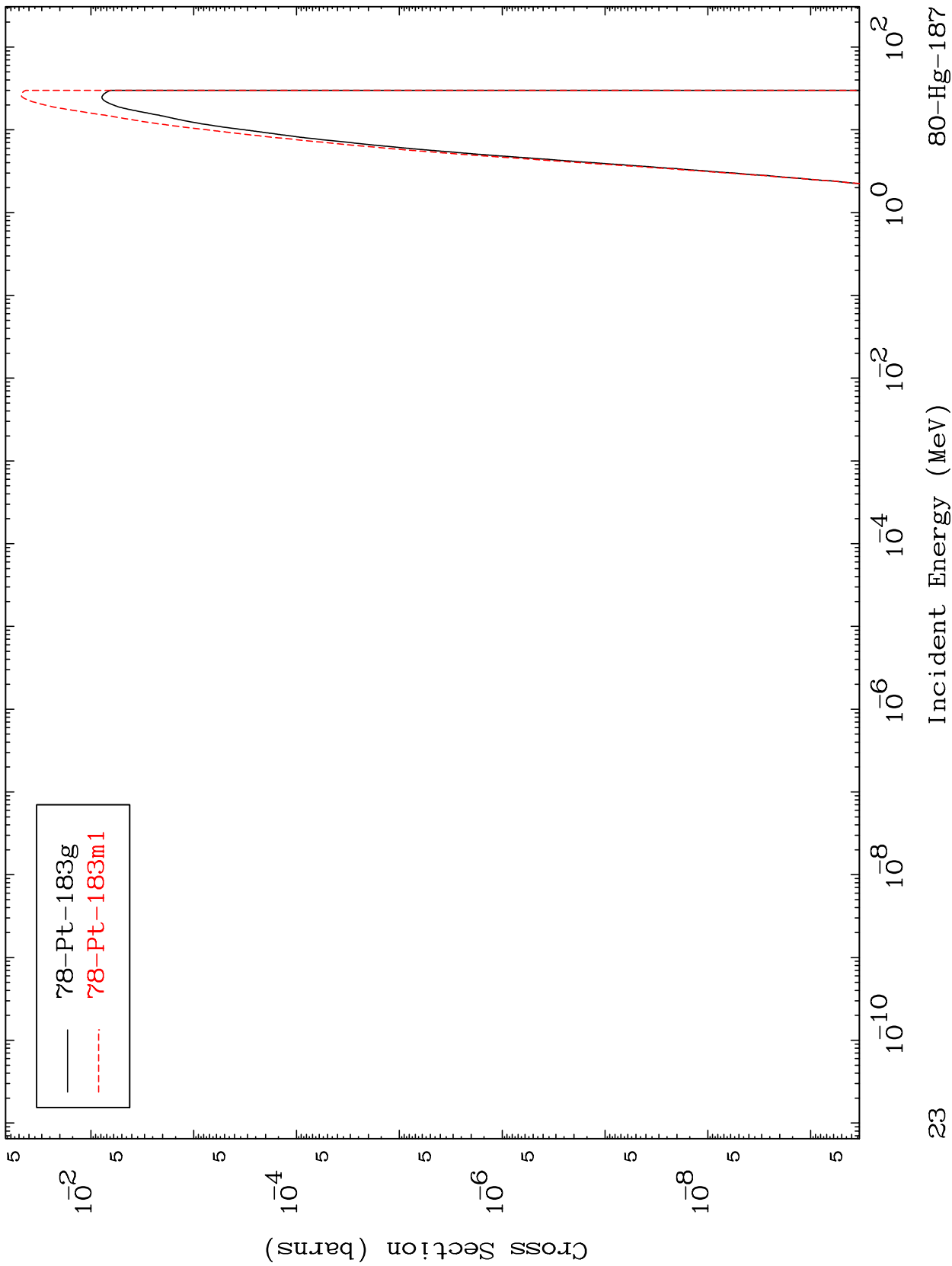


MAT 7999

$(n, n') \alpha$

80-Hg-187

Radionuclide Production Cross Section

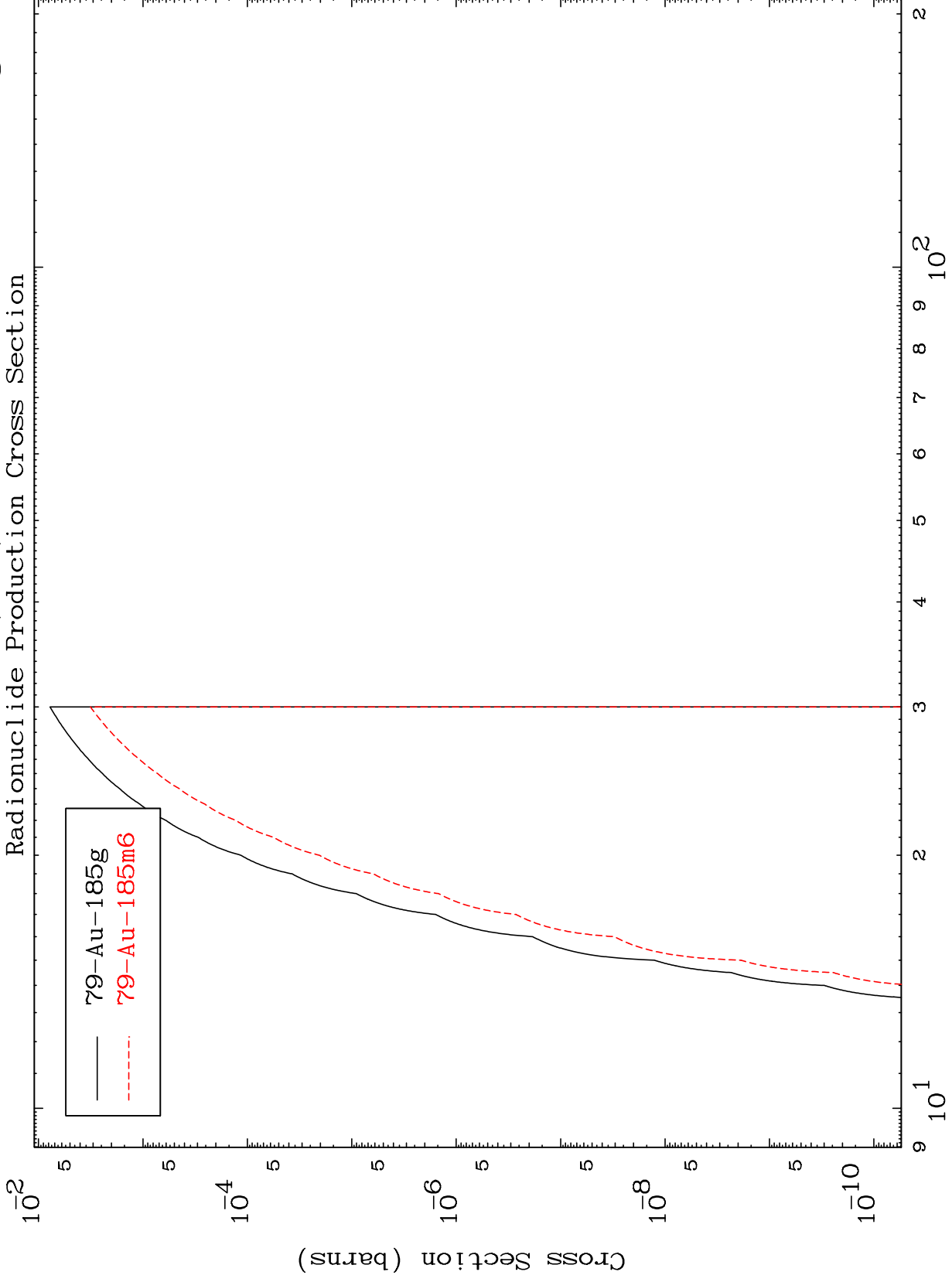


78-Pt-183g
78-Pt-183m1

MAT 7999

(n,n') d

80-Hg-187

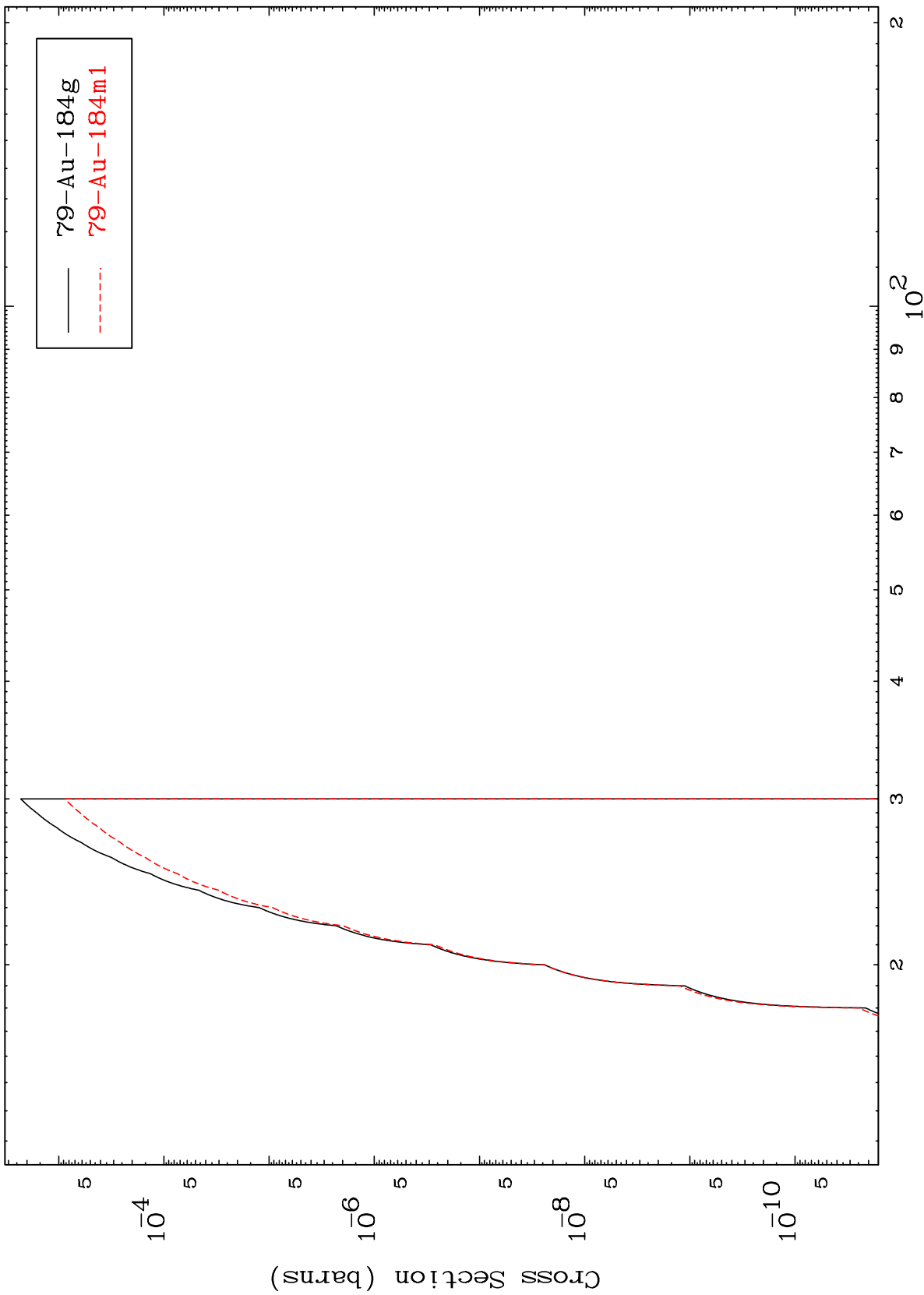


24

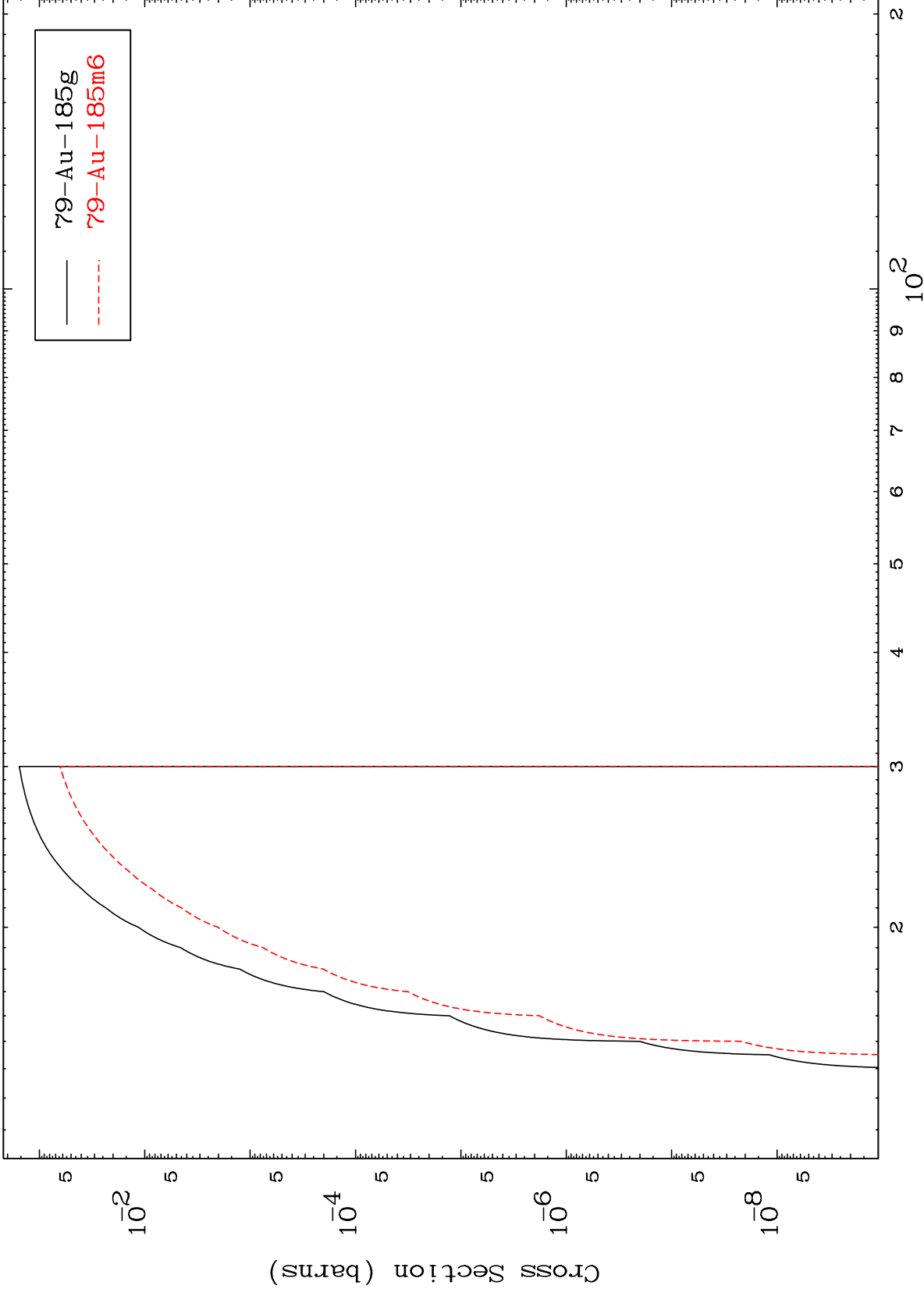
Incident Energy (MeV)

80-Hg-187

Radionuclide Production Cross Section



Radionuclide Production Cross Section

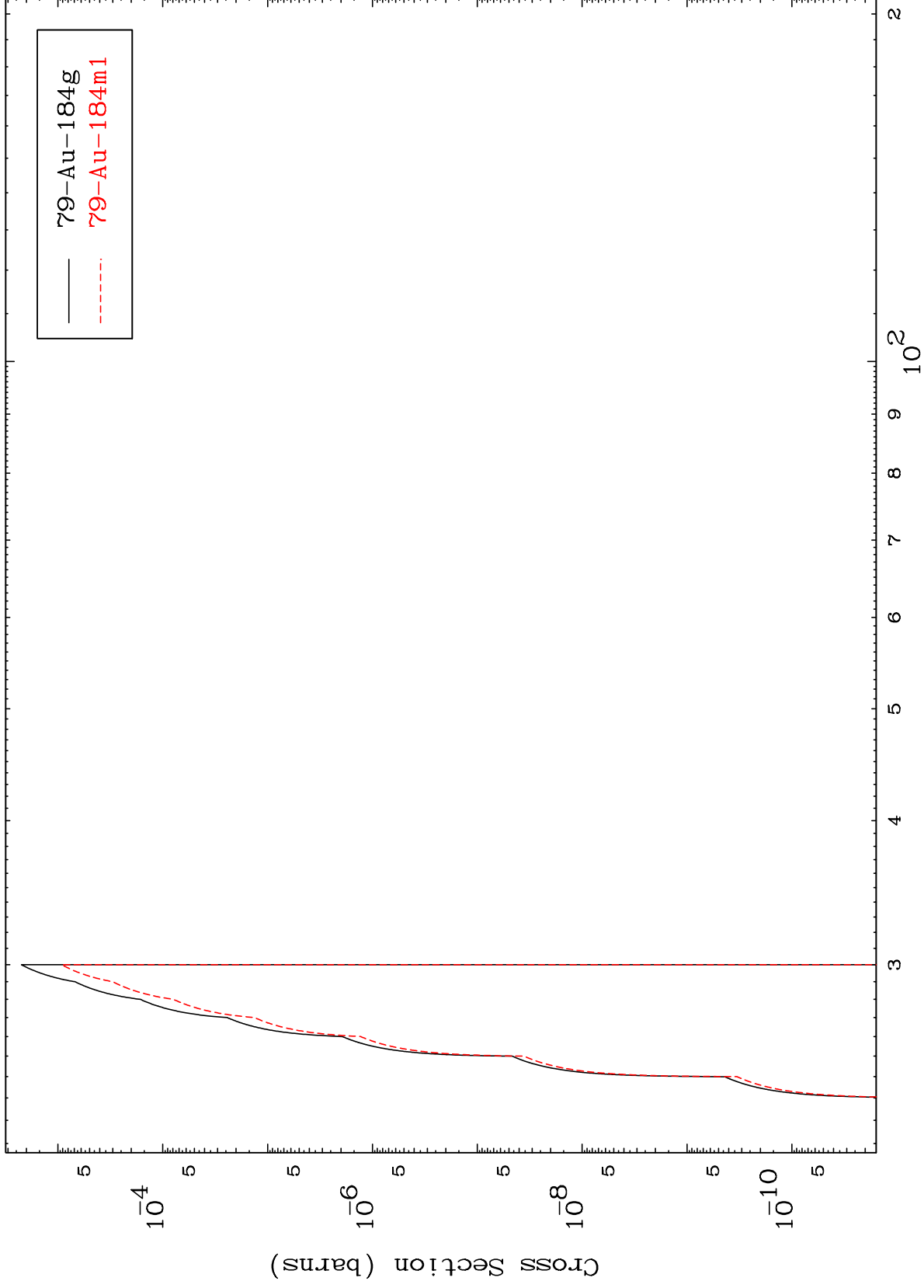


MAT 7999

(n,3n) p

80-Hg-187

Radionuclide Production Cross Section



27

Incident Energy (MeV)

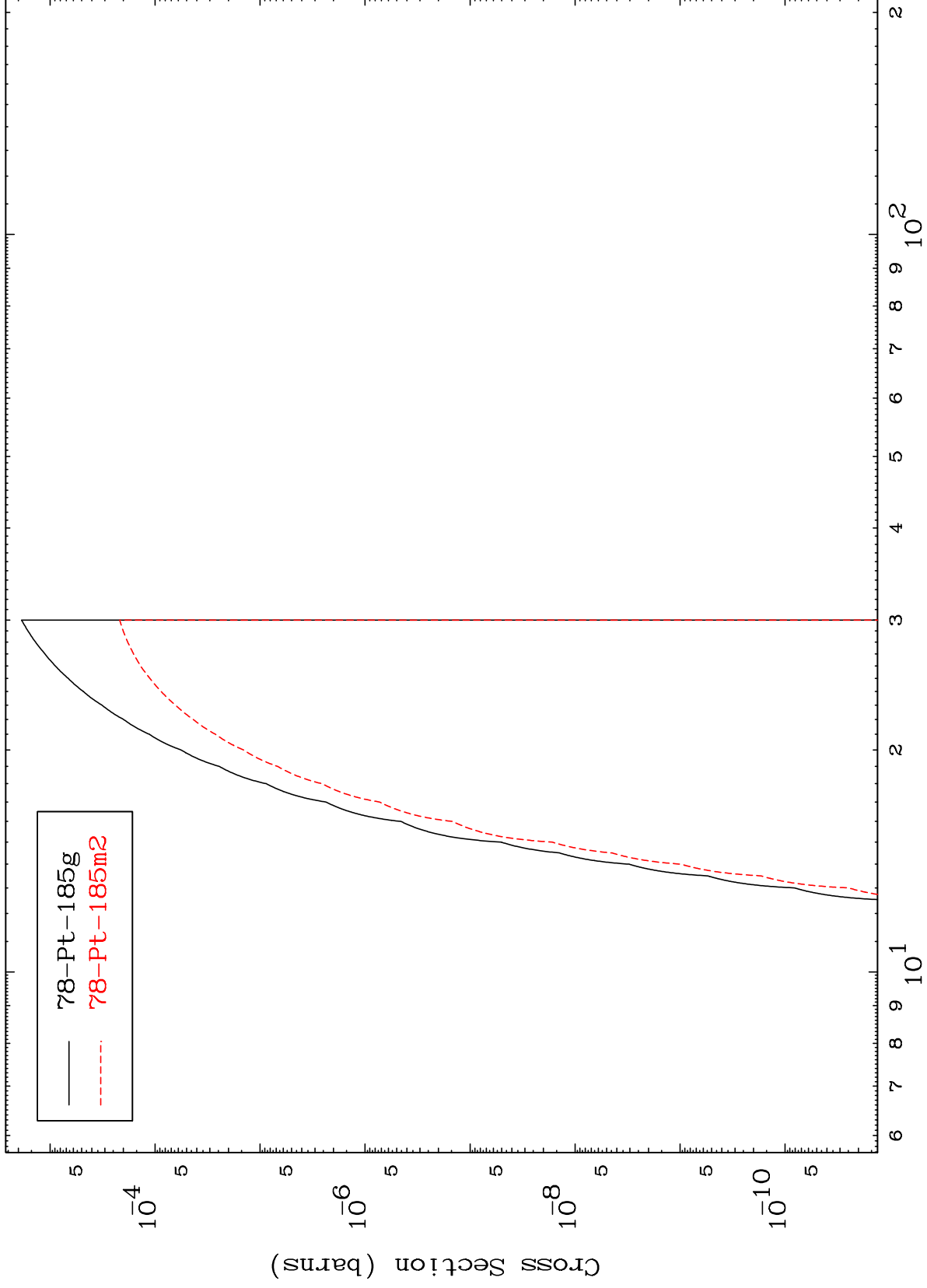
80-Hg-187

MAT 7999

(n,2n) p

80-Hg-187

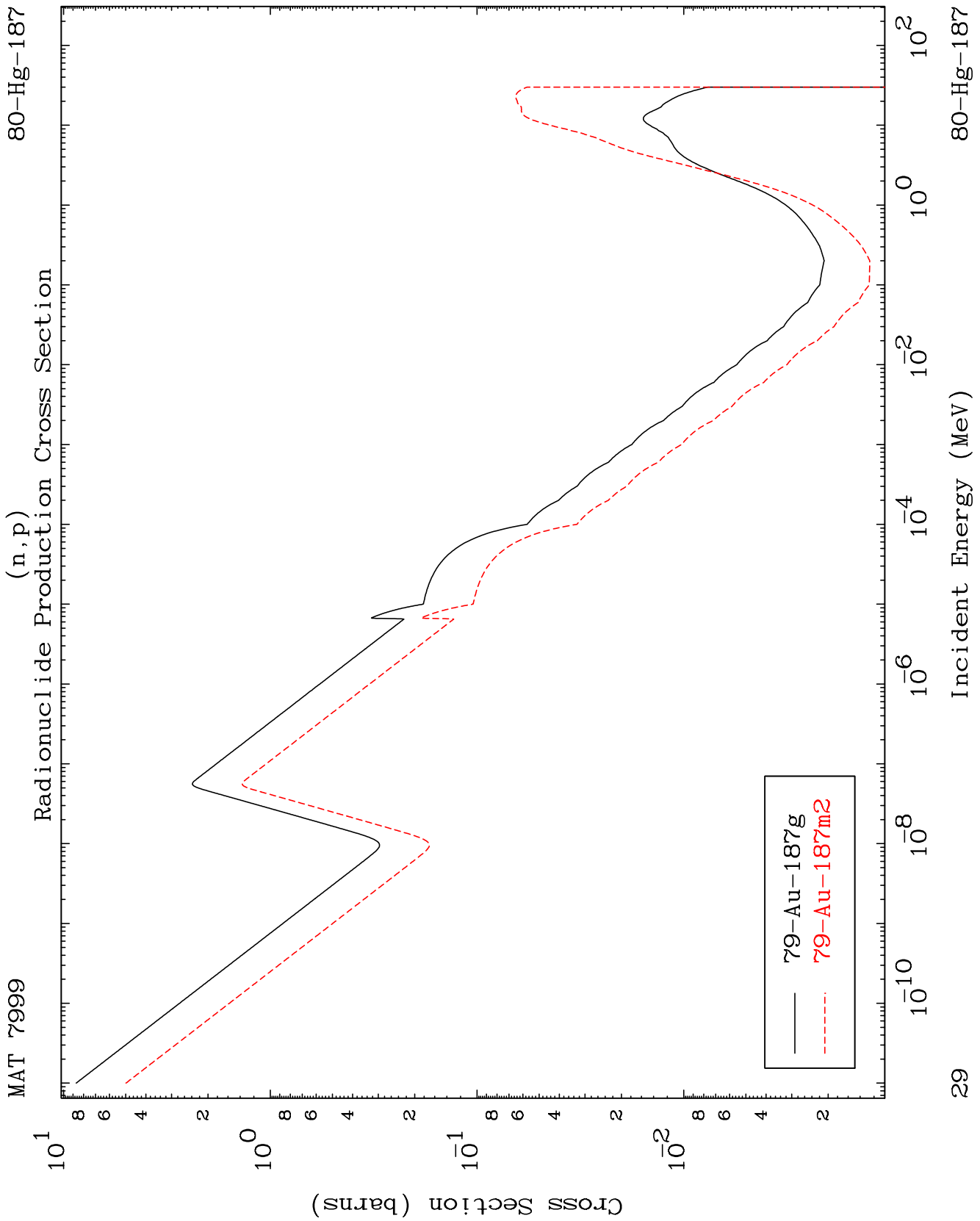
Radionuclide Production Cross Section



28

Incident Energy (MeV)

80-Hg-187

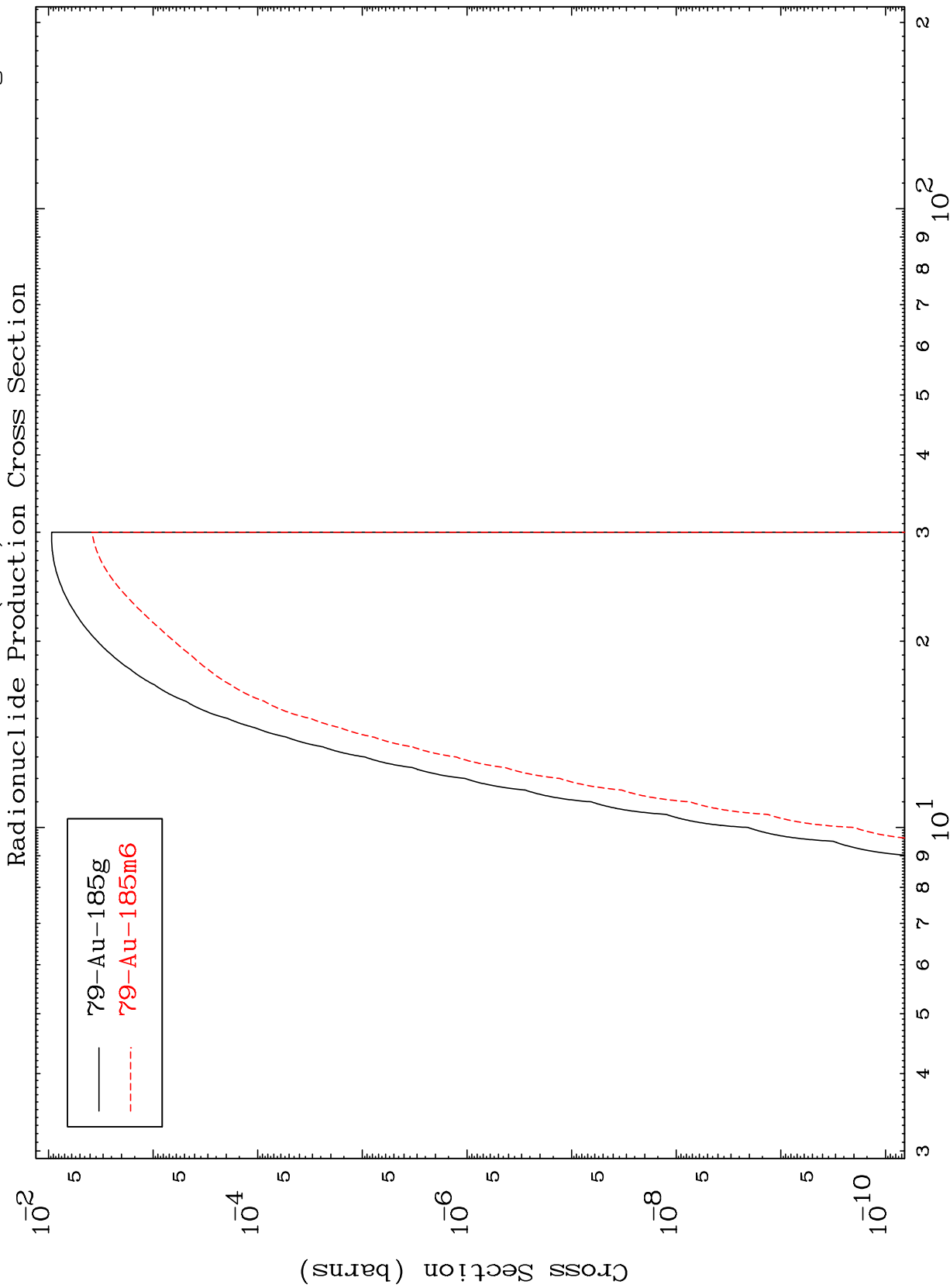


MAT 7999

80-Hg-187

Radionuclide Production Cross Section

(n, t)



Incident Energy (MeV)

80-Hg-187

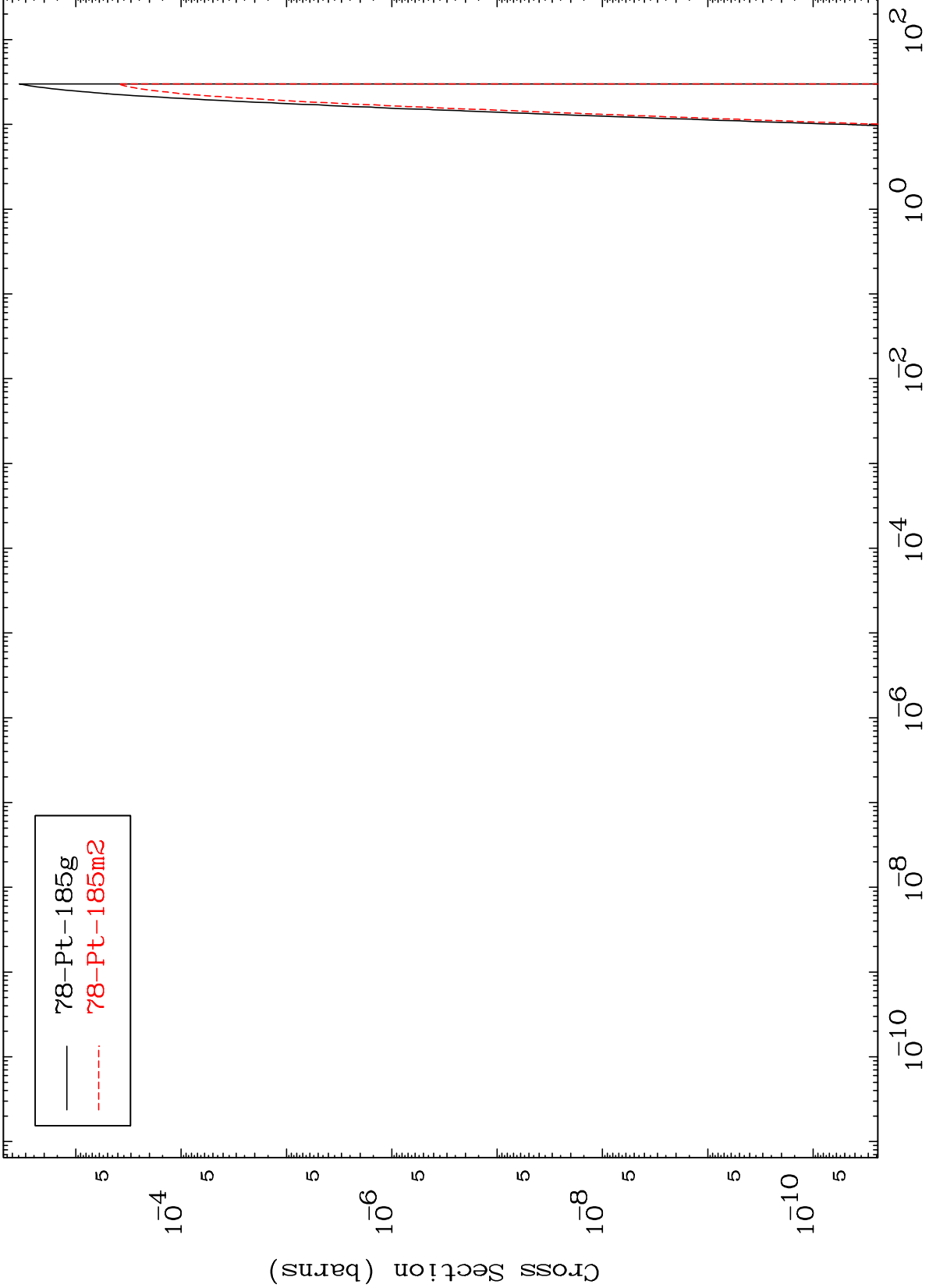
30

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(n,He-3)

80-Hg-187

Radionuclide Production Cross Section



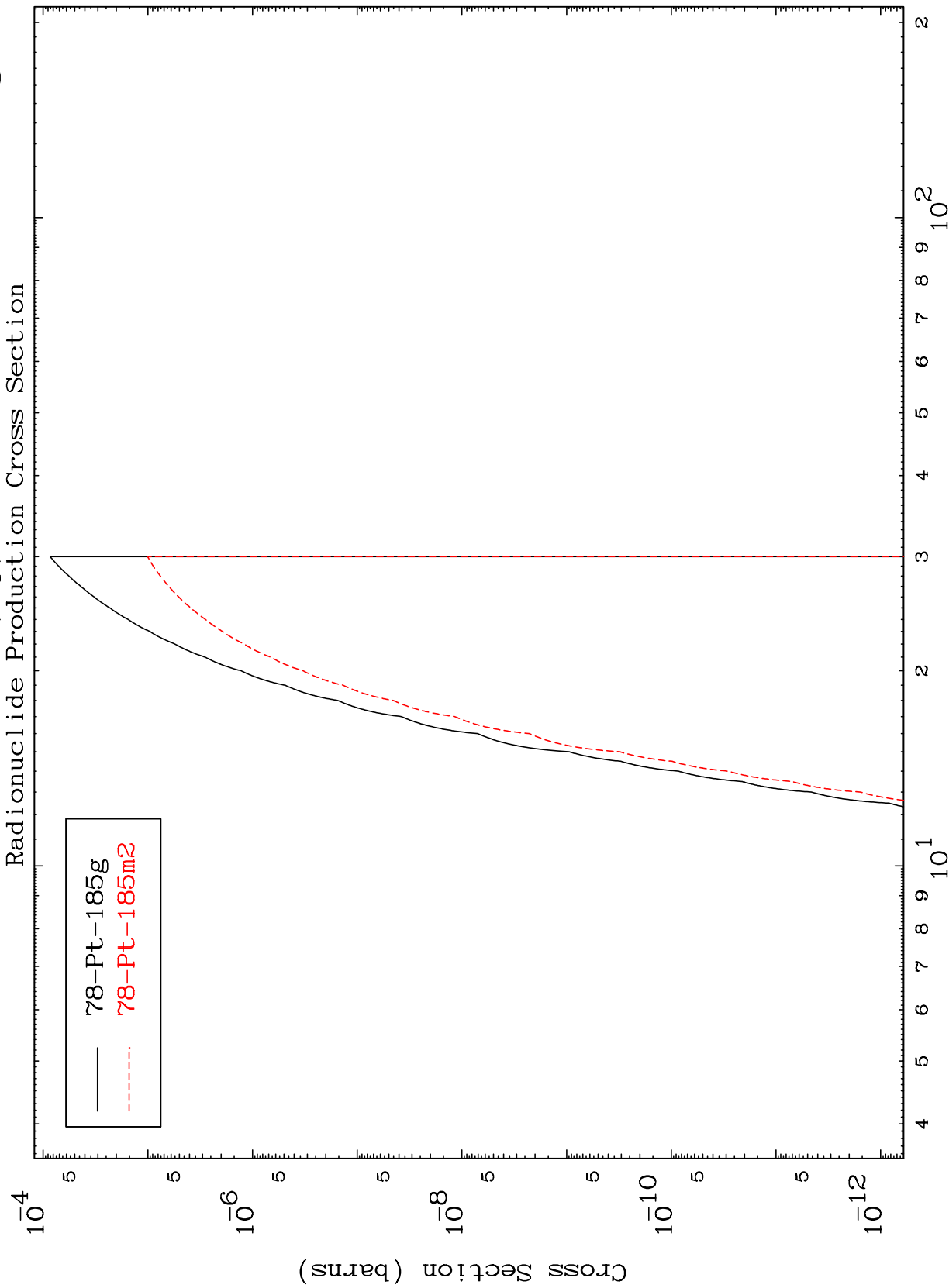
78-Pt-185g
78-Pt-185m2

MAT 7999

(n,p) d

80-Hg-187

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-187

32