

Program EVALPLOT
(Version 2015-2)

by

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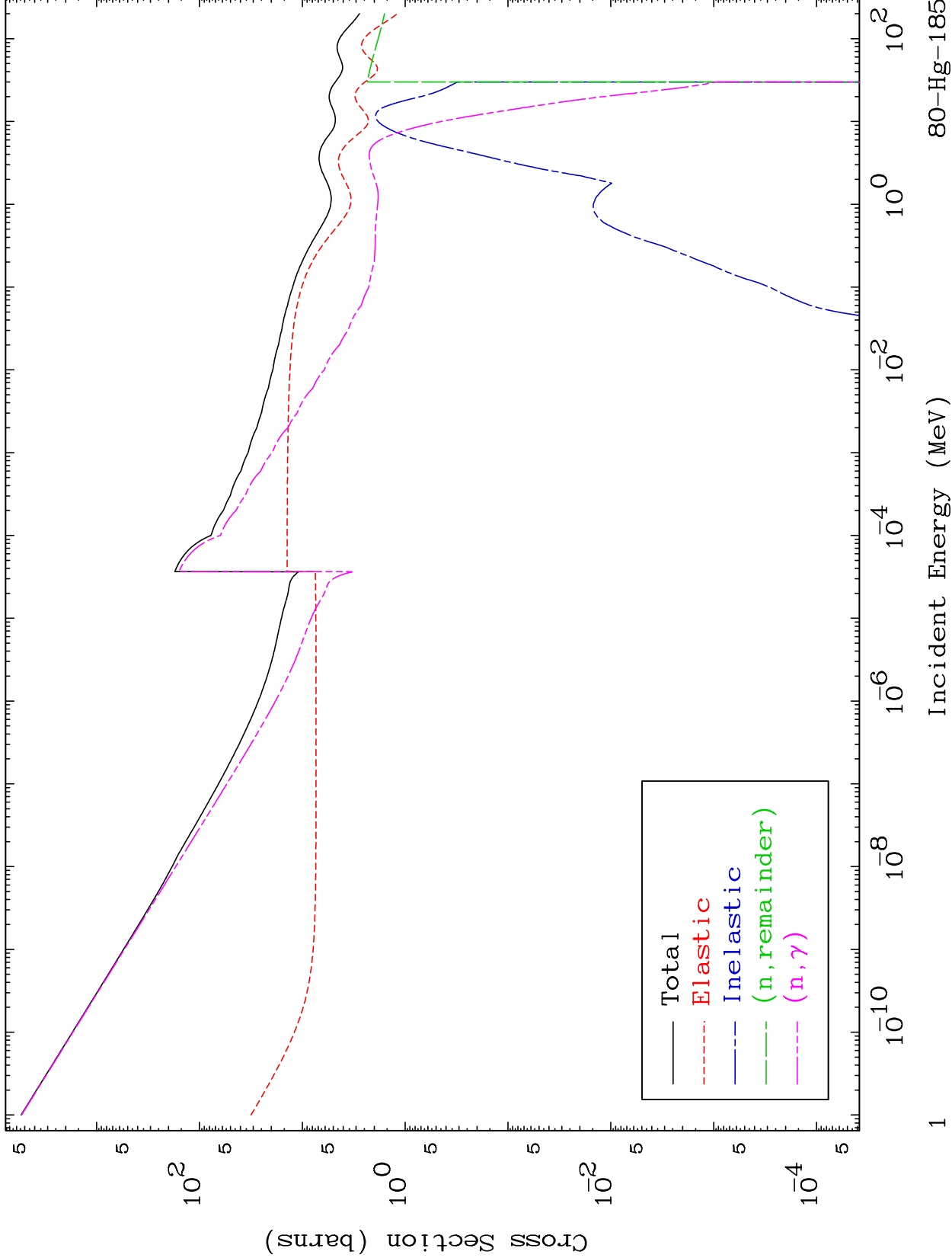
Press Mouse Button to Start

MAT 7993

Major

293 Kelvin Cross Sections

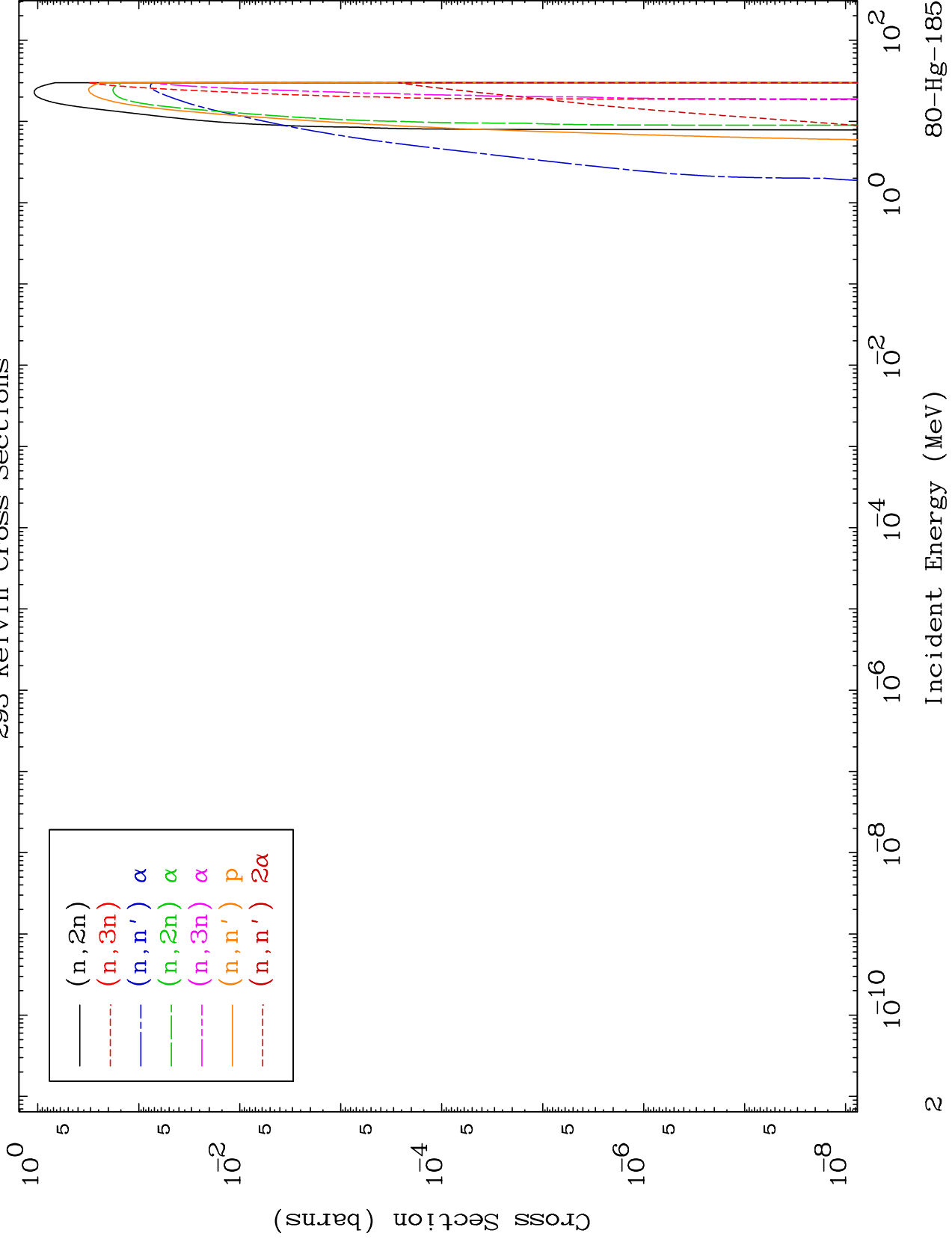
80-Hg-185



MAT 7993

Neutron Production
293 Kelvin Cross Sections

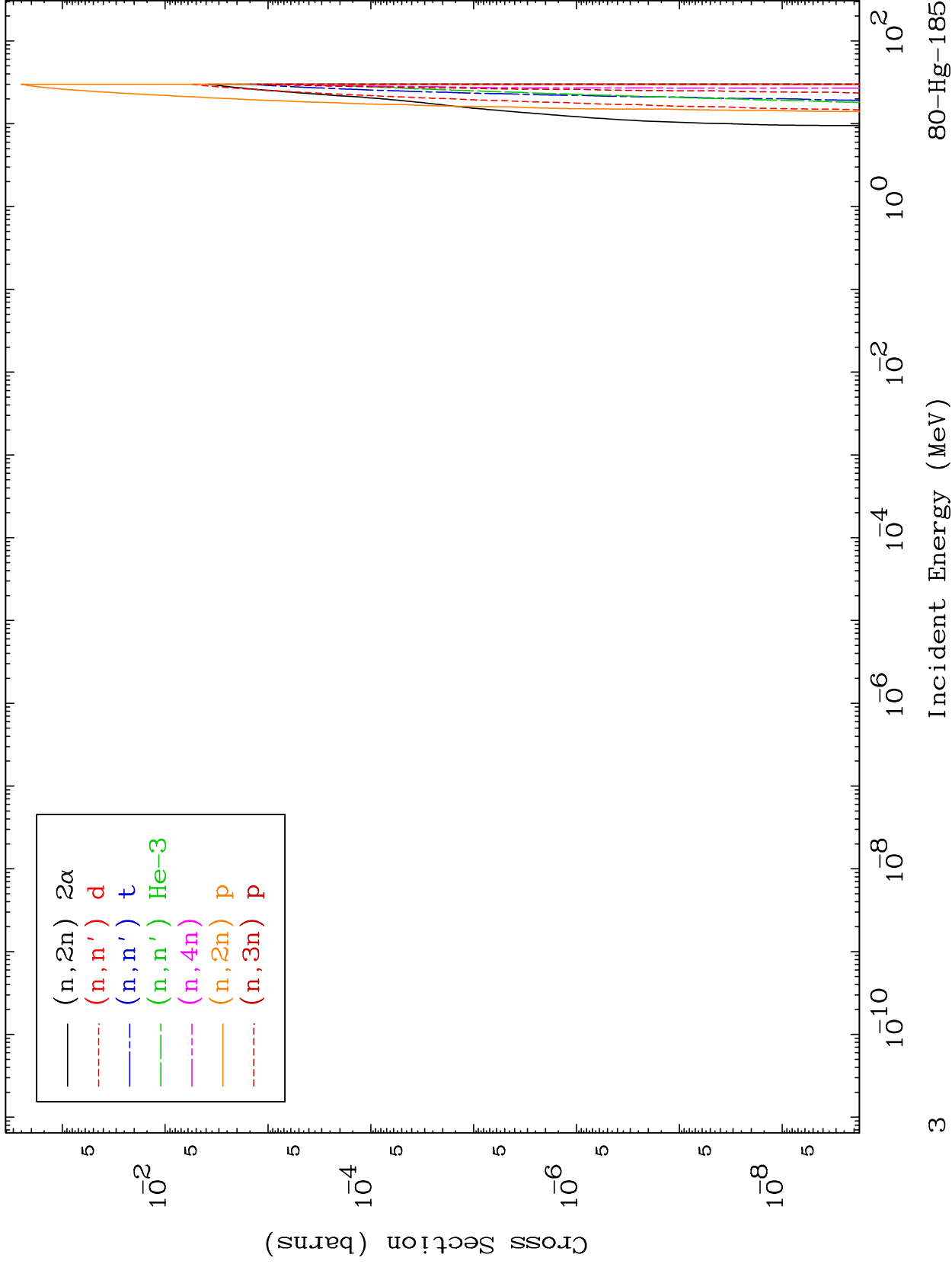
80-Hg-185



MAT 7993

Neutron Production
293 Kelvin Cross Sections

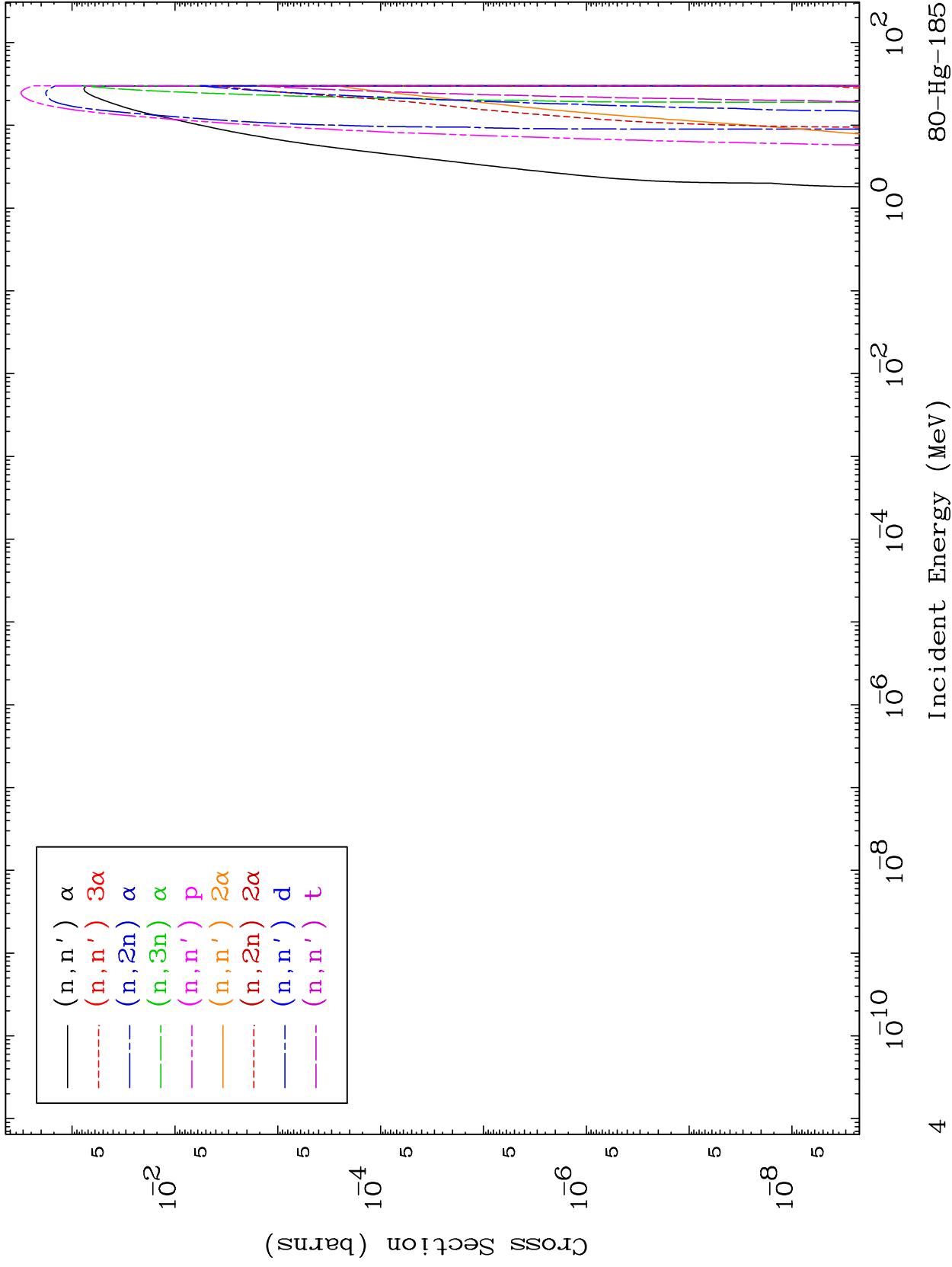
80-Hg-185



MAT 7993

Charged Particle
293 Kelvin Cross Sections

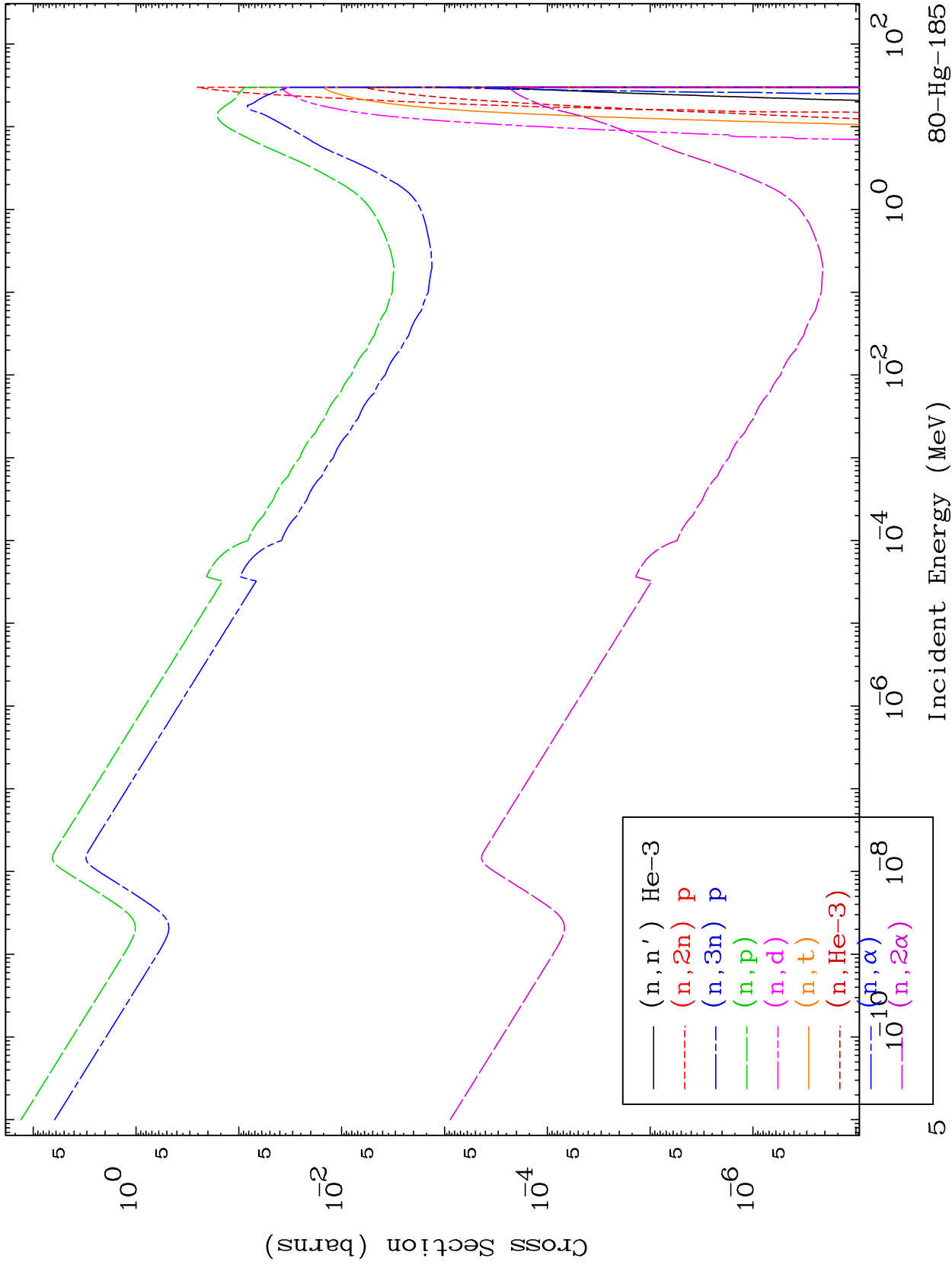
80-Hg-185



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Charged Particle
293 Kelvin Cross Sections

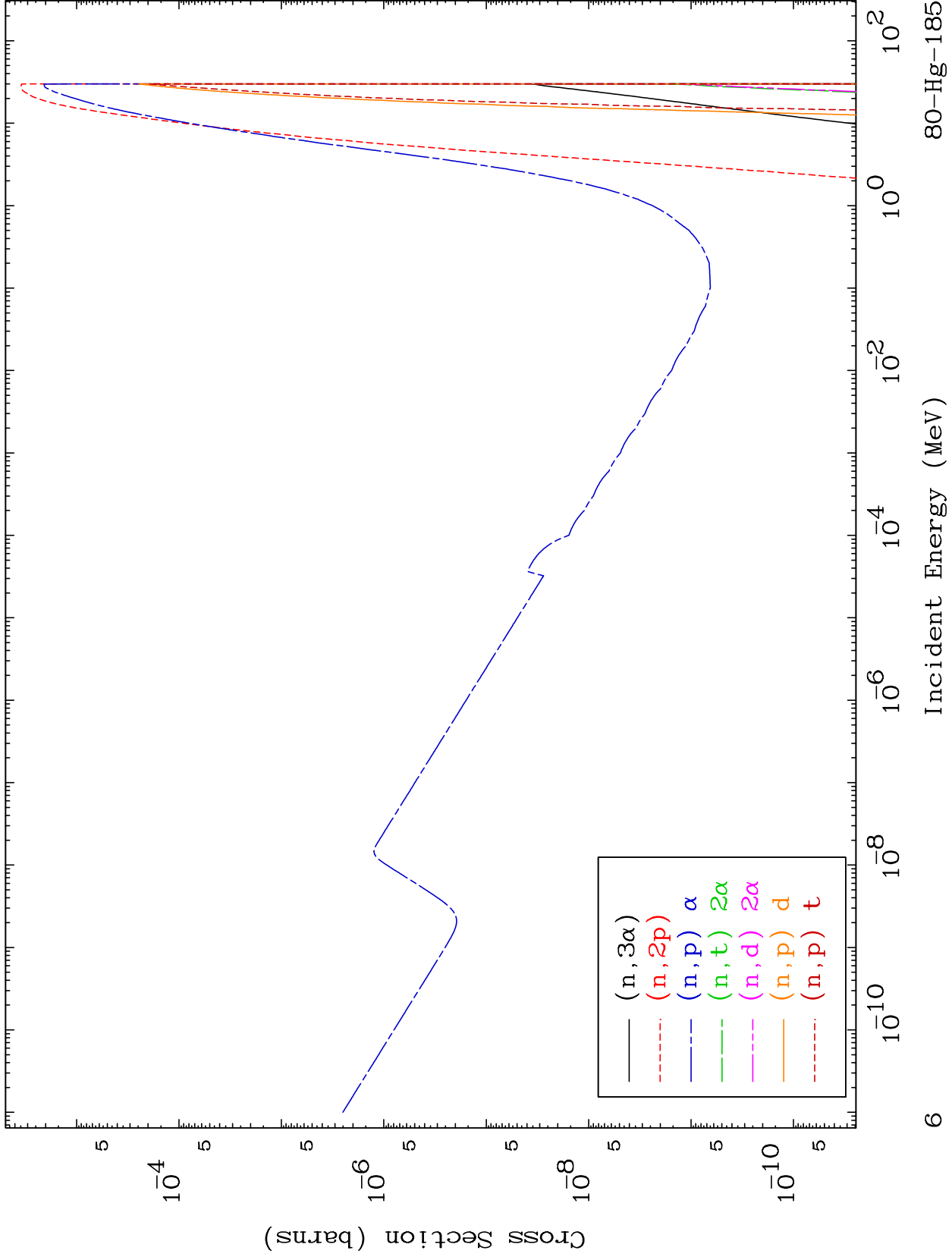
80-Hg-185



MAT 7993

Charged Particle
293 Kelvin Cross Sections

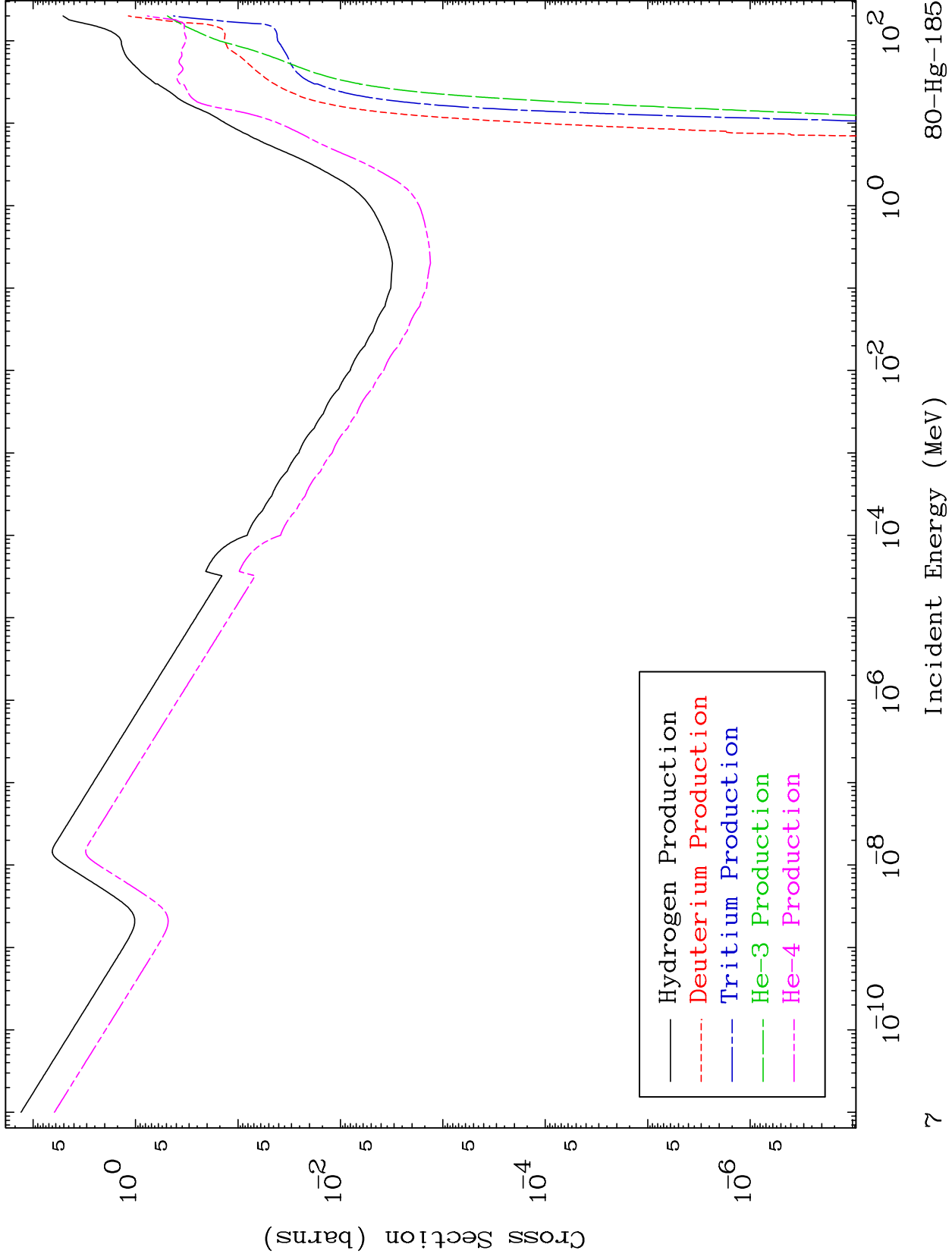
80-Hg-185



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Particle Production
293 Kelvin Cross Sections

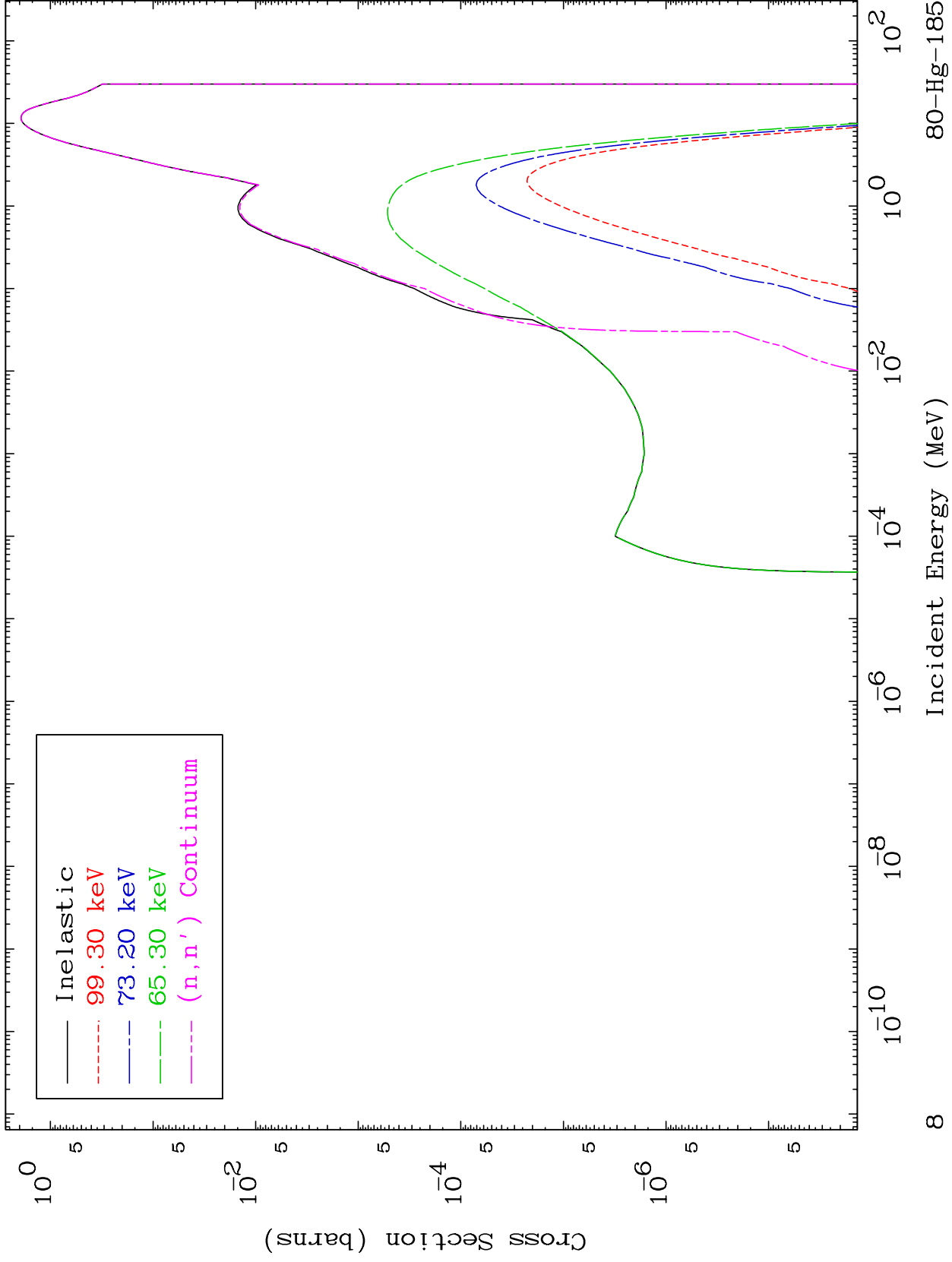
80-Hg-185



MAT 7993

(n,n') Level
293 Kelvin Cross Sections

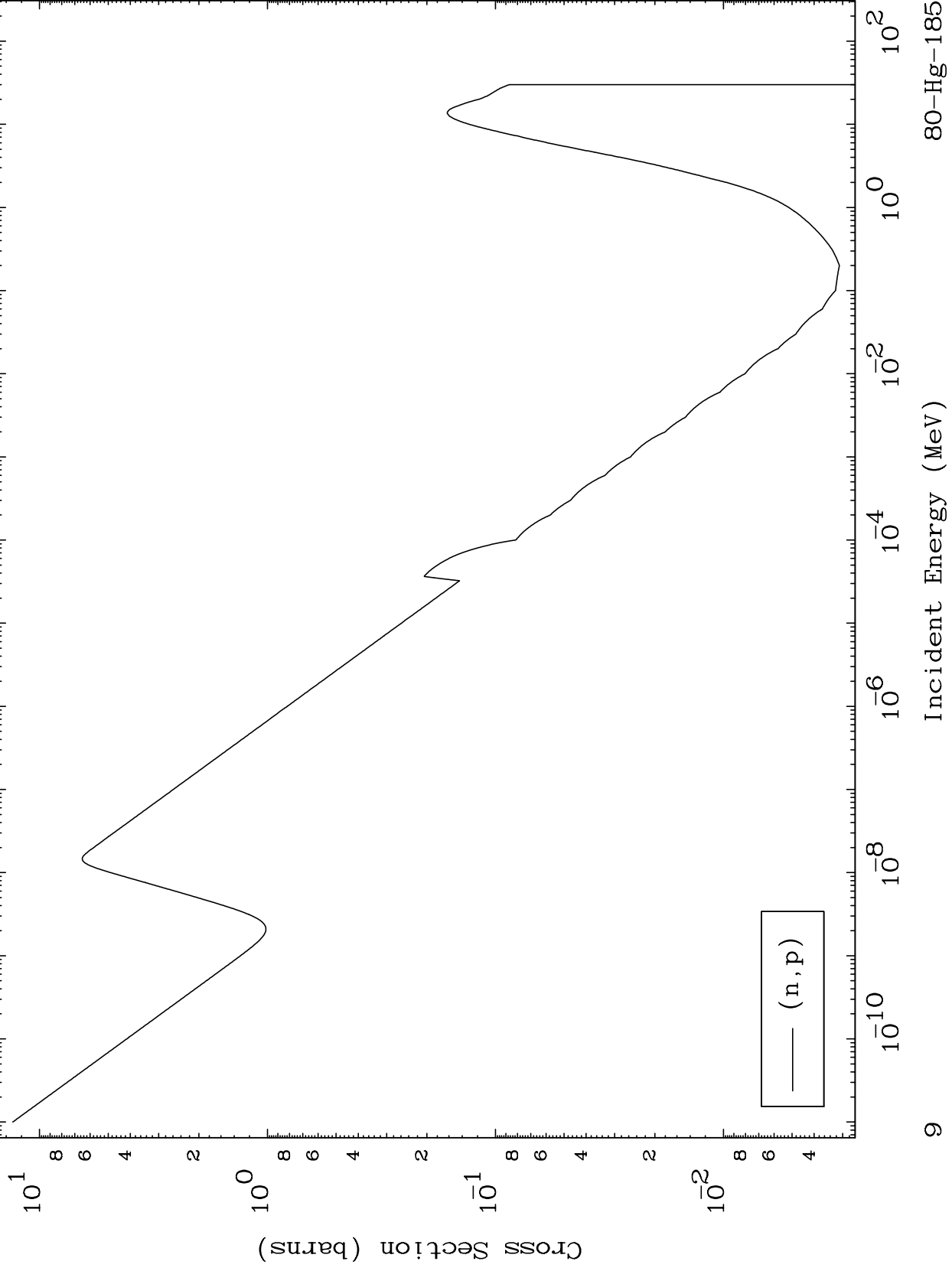
80-Hg-185



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(n,p) Levels
293 Kelvin Cross Sections

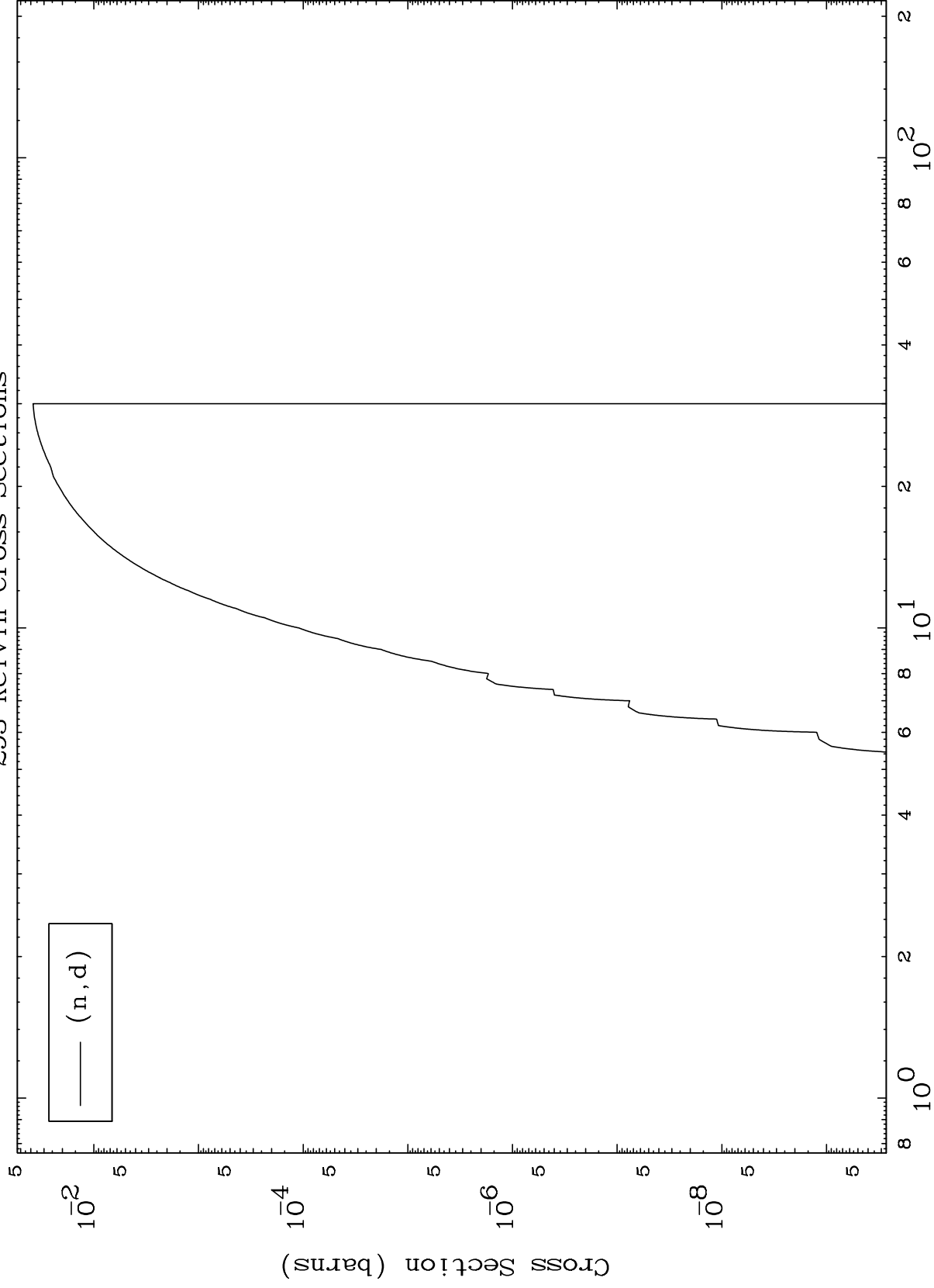
80-Hg-185



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(n,d) Levels
293 Kelvin Cross Sections

80-Hg-185



80-Hg-185

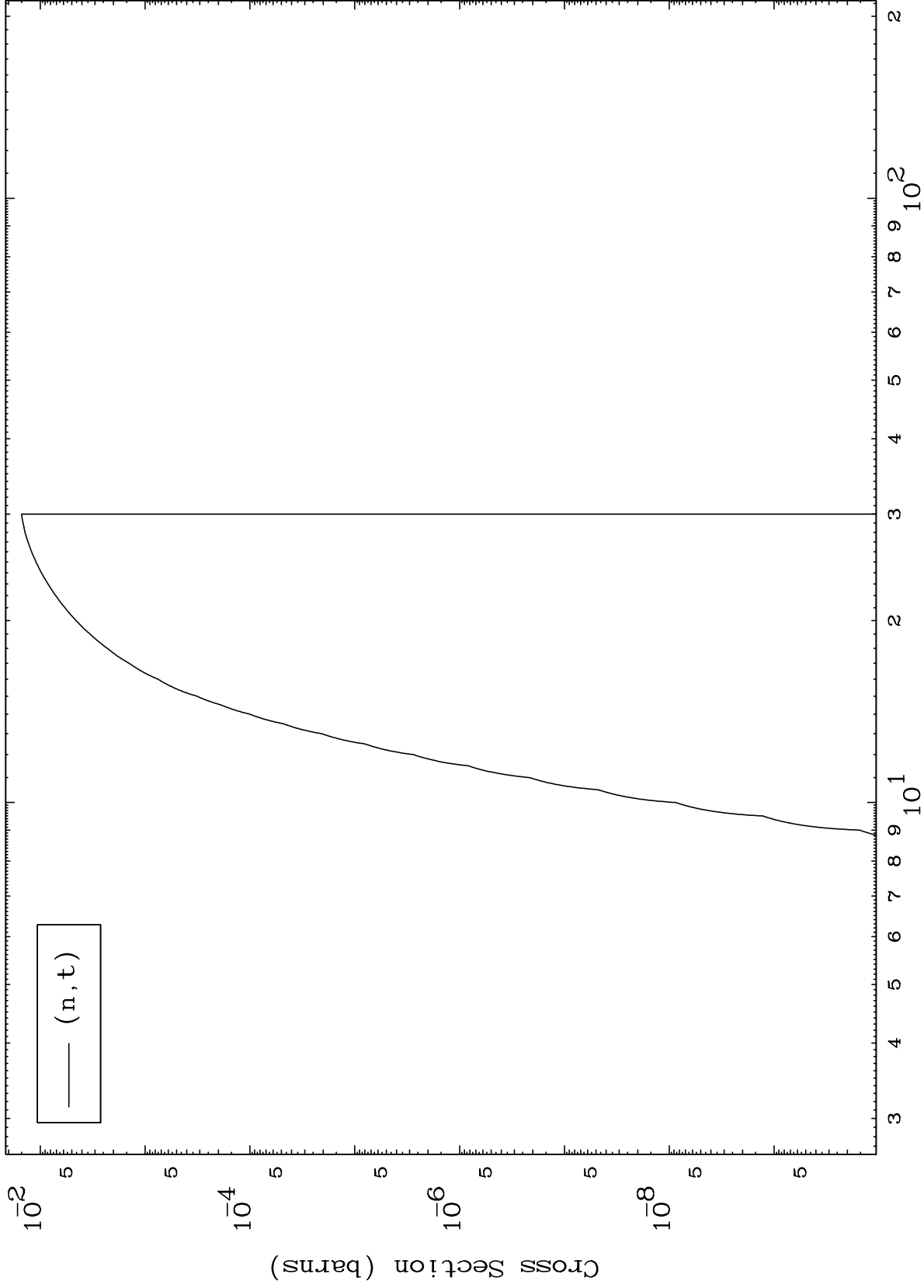
Incident Energy (MeV)

10

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(n,t) Levels
293 Kelvin Cross Sections

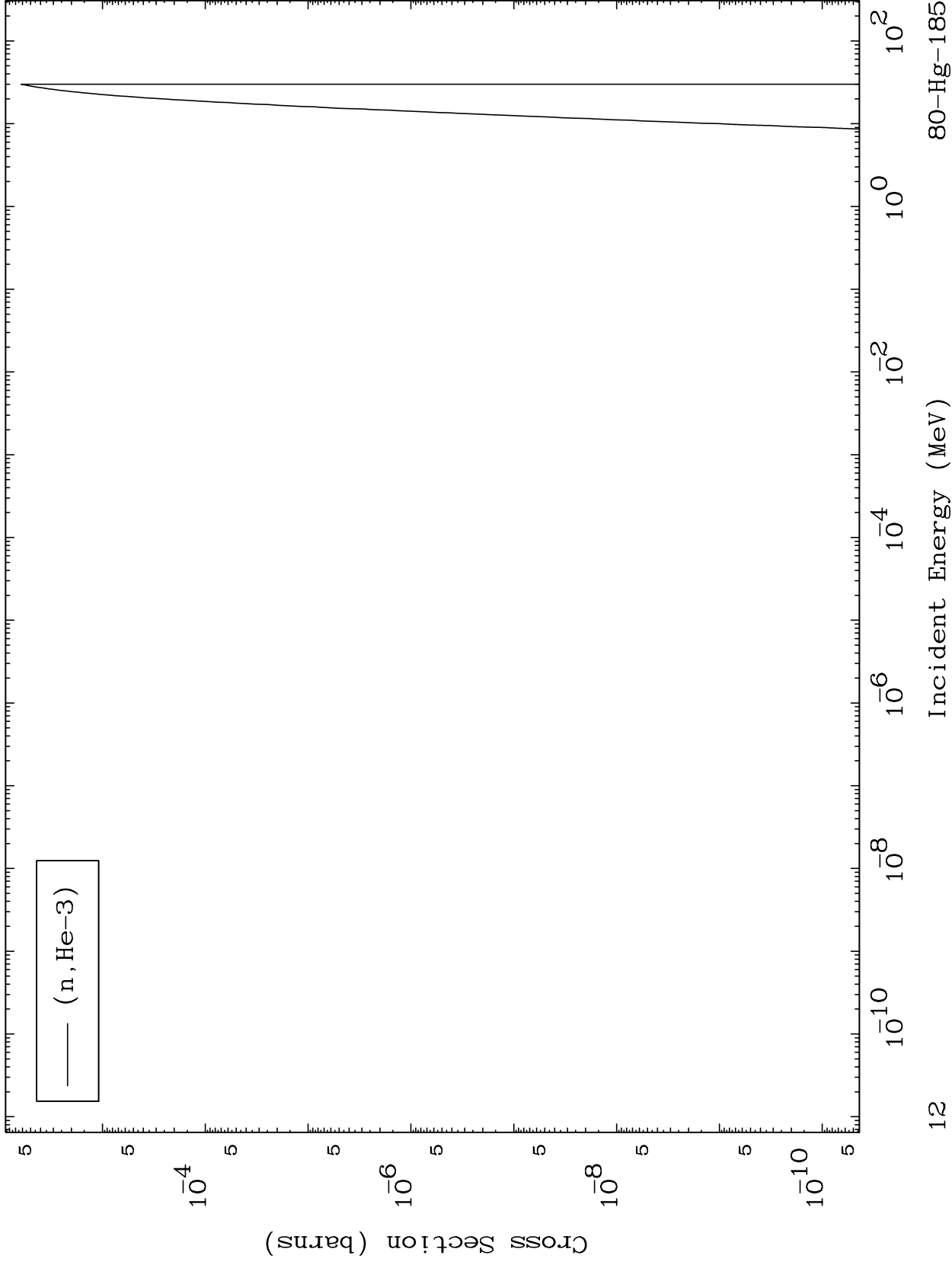
80-Hg-185



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(n,He3) Levels
293 Kelvin Cross Sections

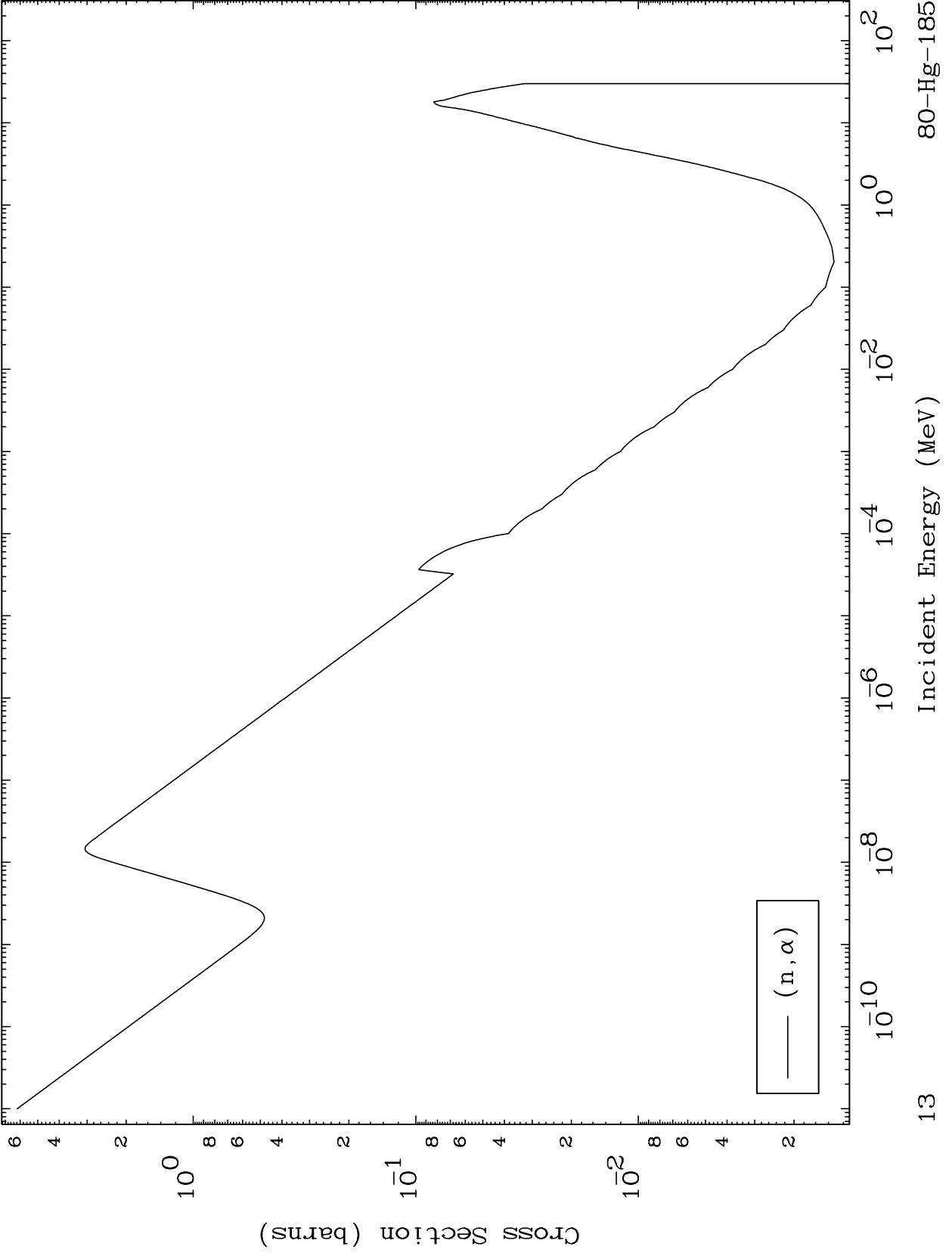
80-Hg-185

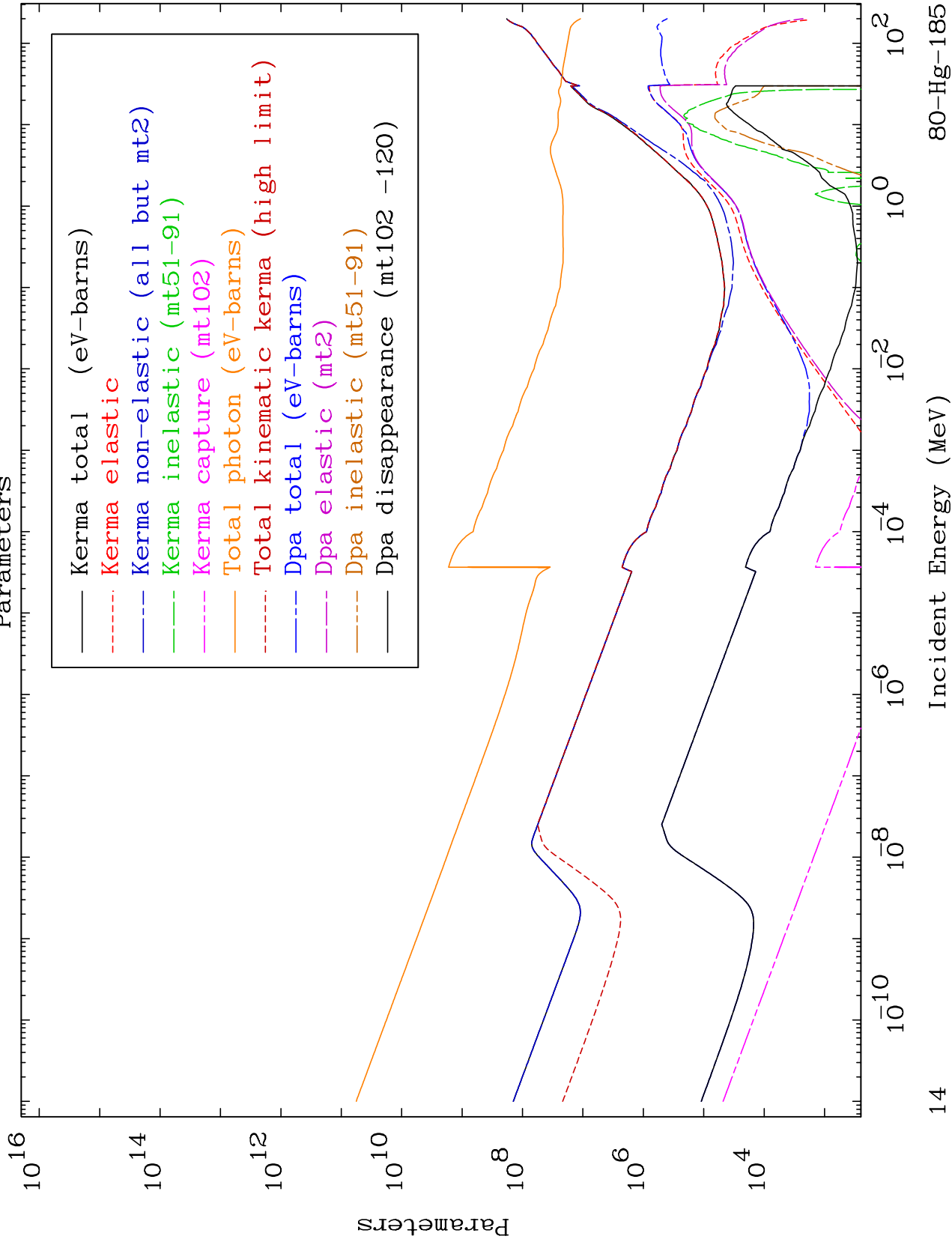


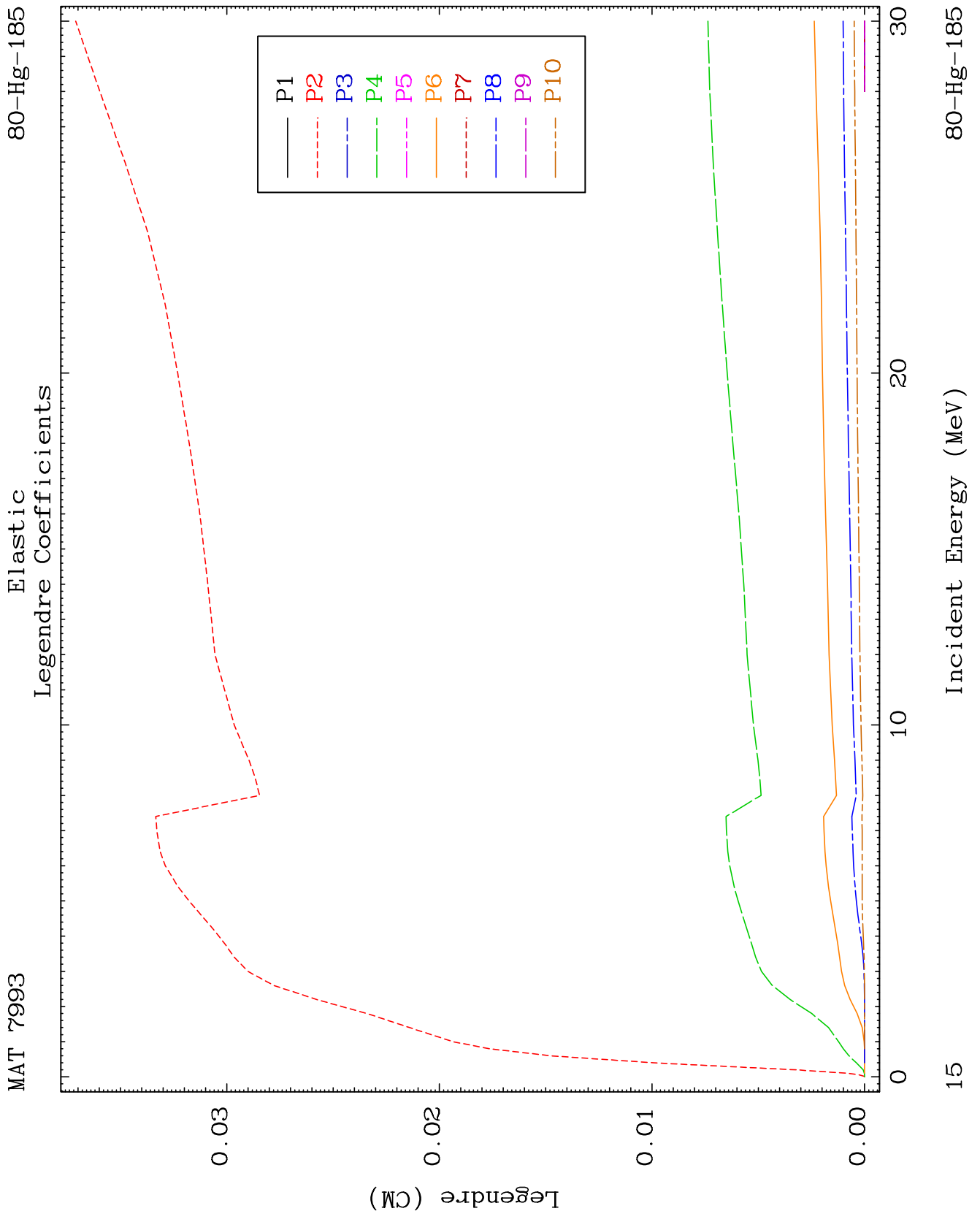
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(n,α) Levels
293 Kelvin Cross Sections

80-Hg-185



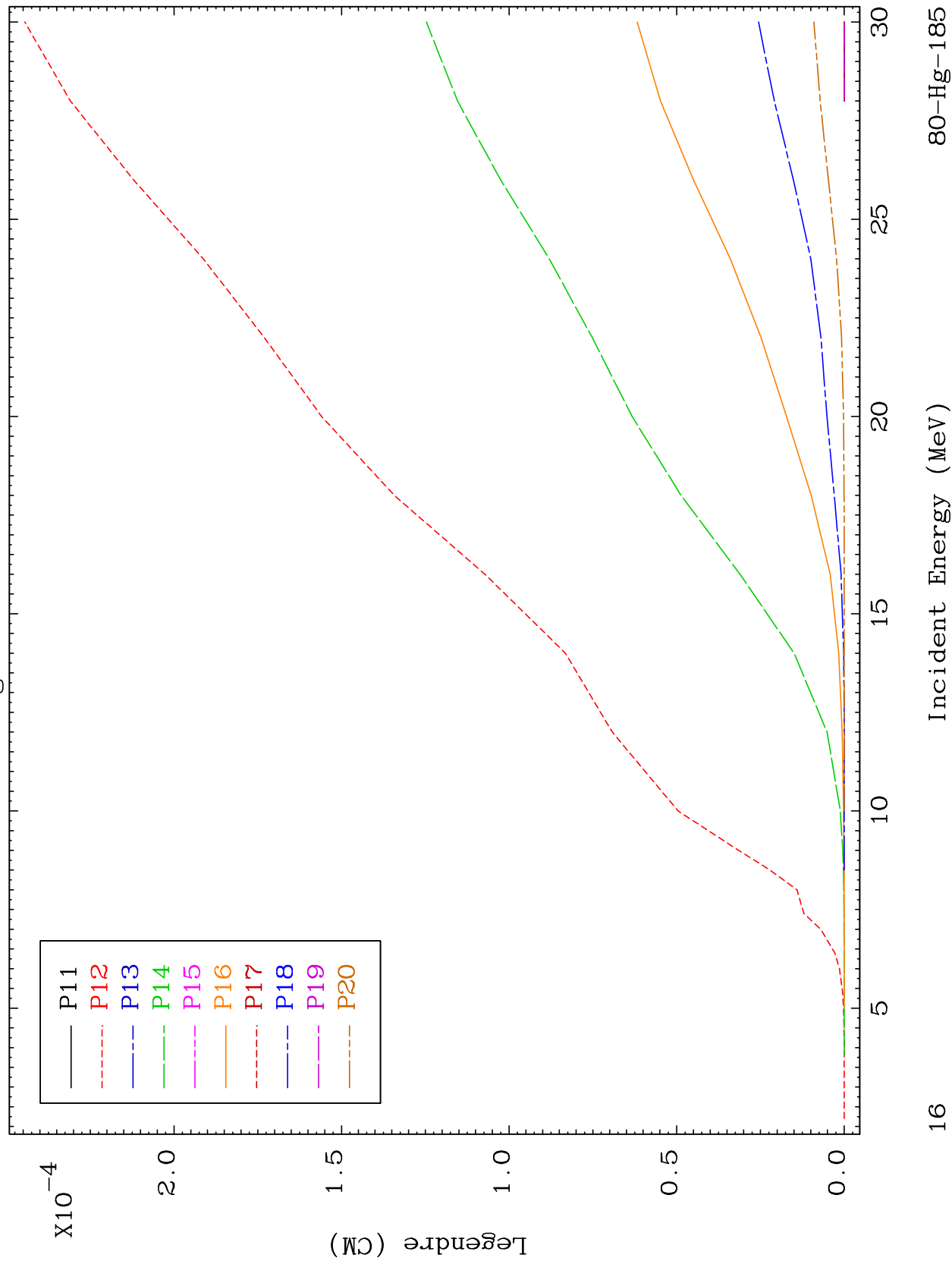




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Elastic Legendre Coefficients

80-Hg-185

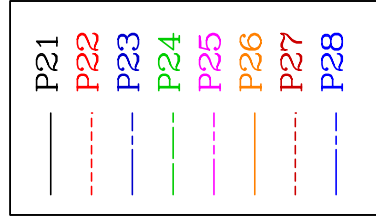


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Elastic
Legendre Coefficients

80-Hg-185



$\times 10^{-6}$

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

25

30

17

Incident Energy (MeV)

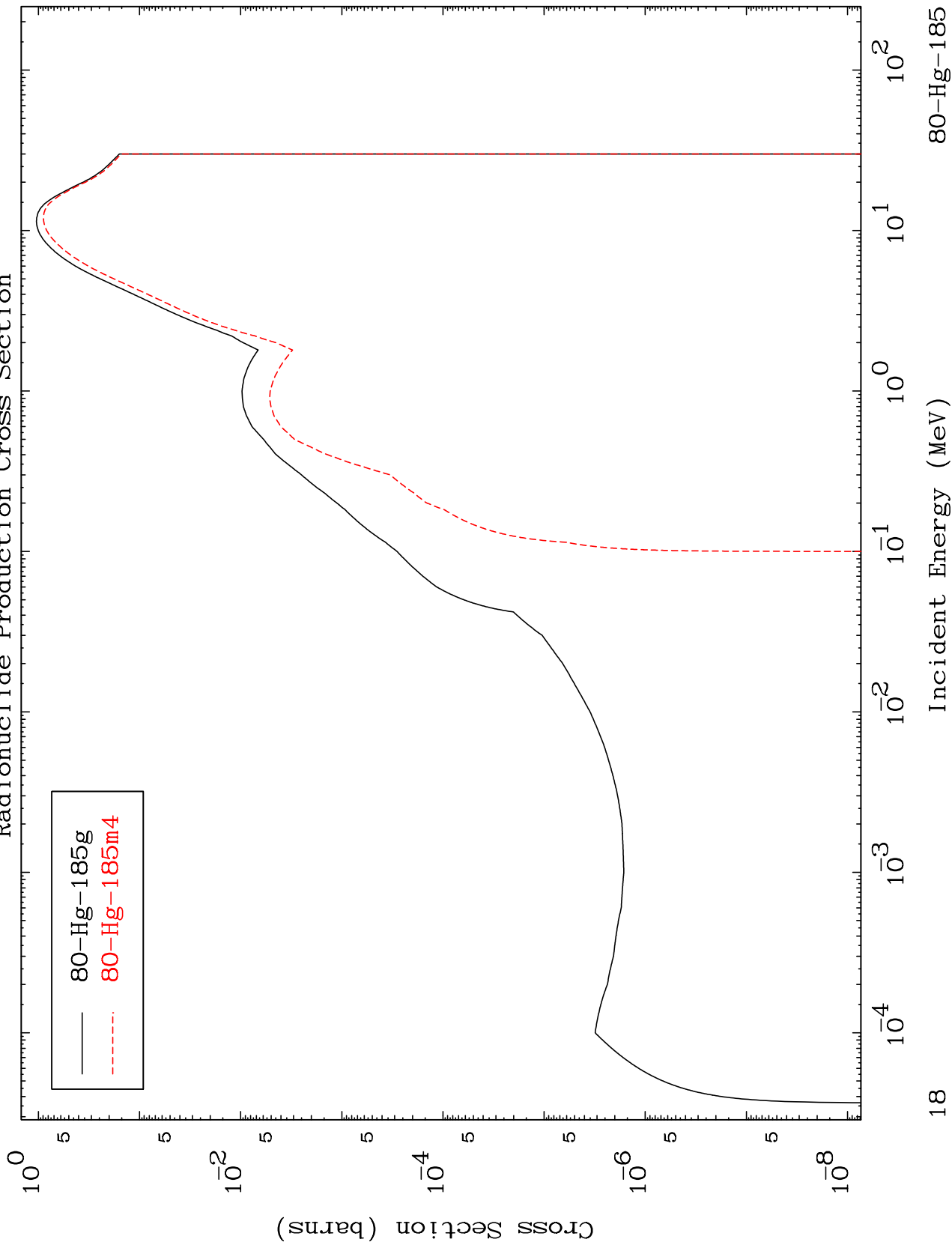
80-Hg-185



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80-Hg-185

Inelastic
Radionuclide Production Cross Section

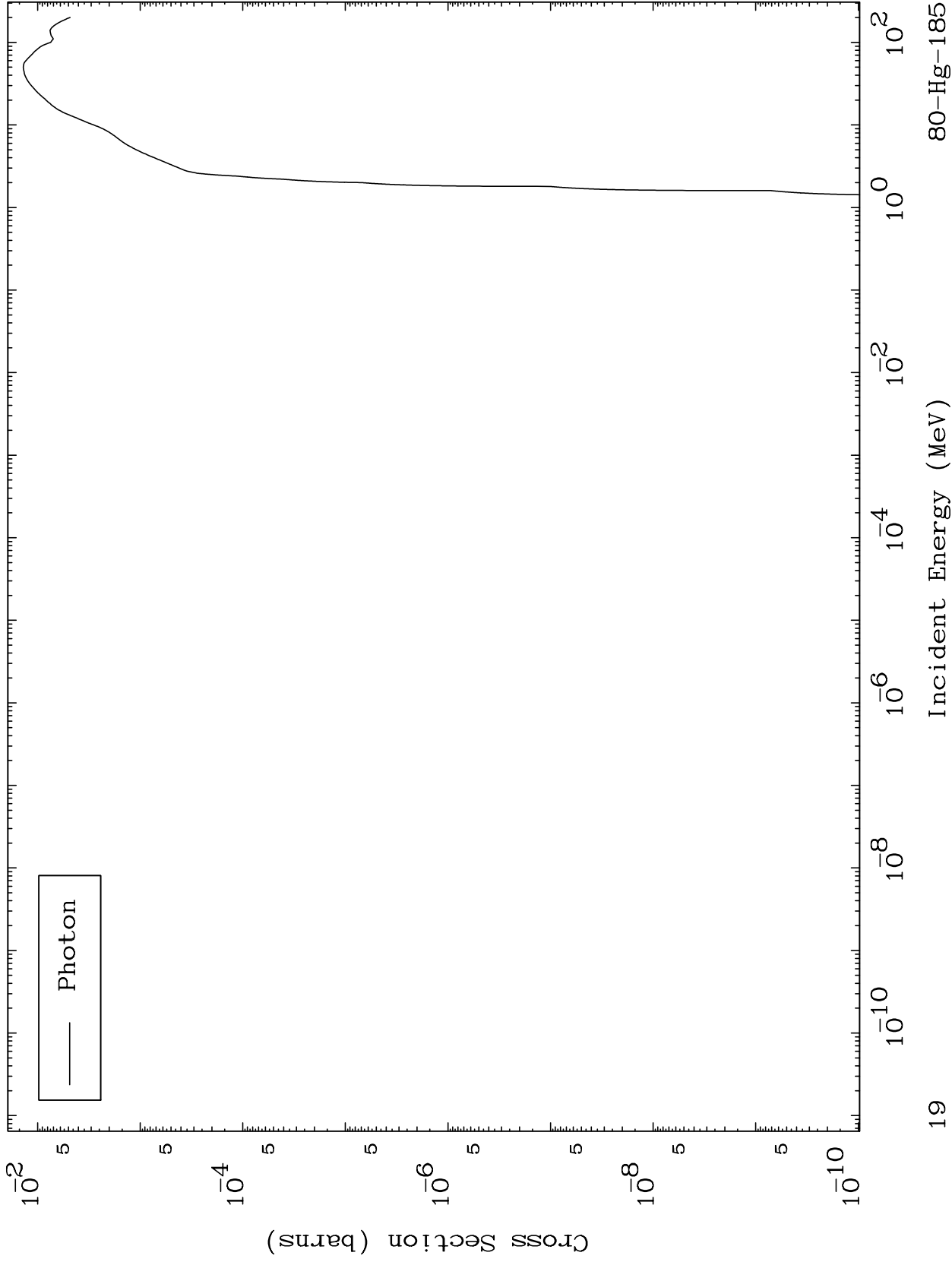


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Fission

80-Hg-185

Radionuclide Production Cross Section

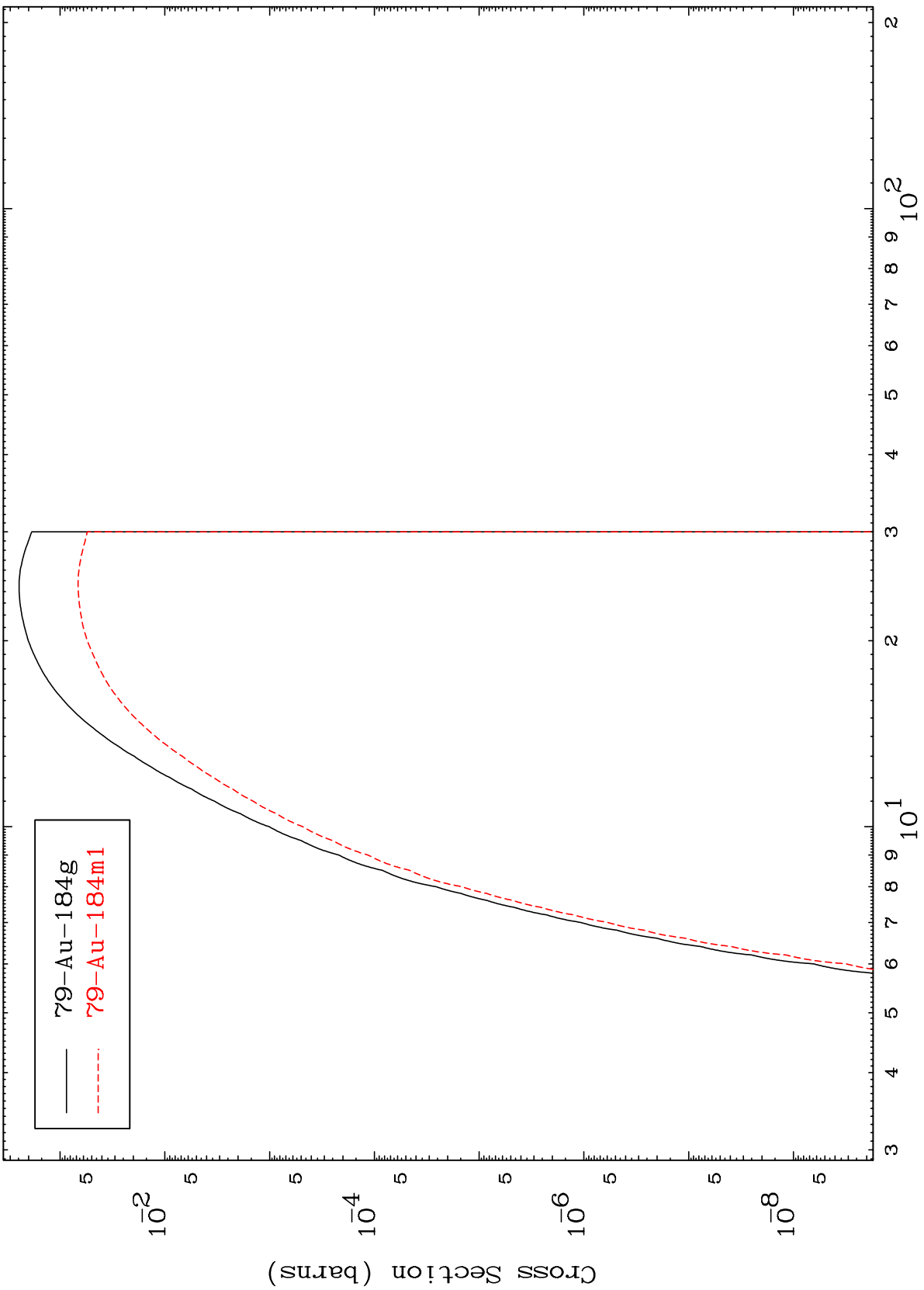


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(n,n') p

80-Hg-185

Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

20

Incident Energy (MeV)

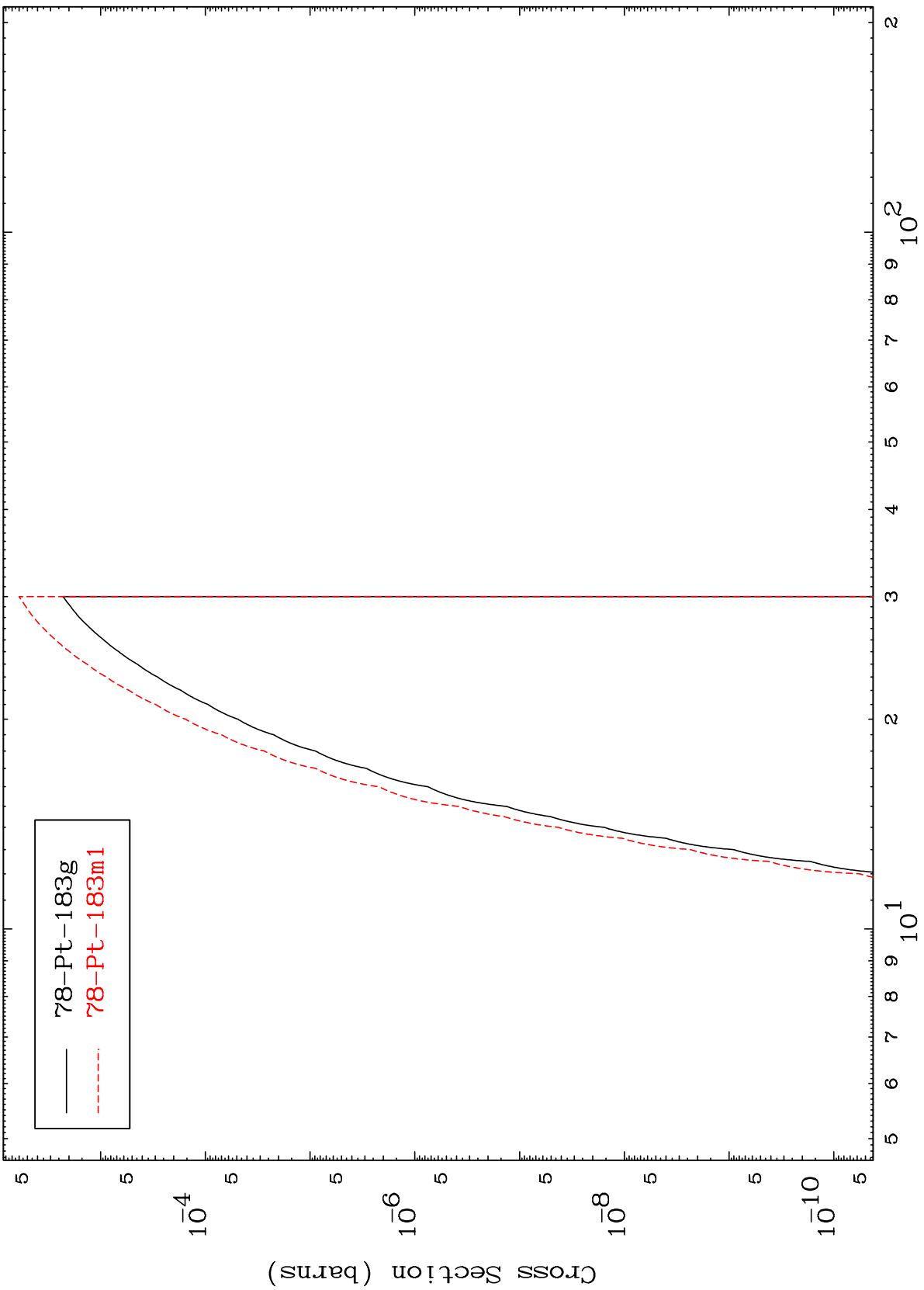
80-Hg-185

MAT 7993

(n,2n) p

80-Hg-185

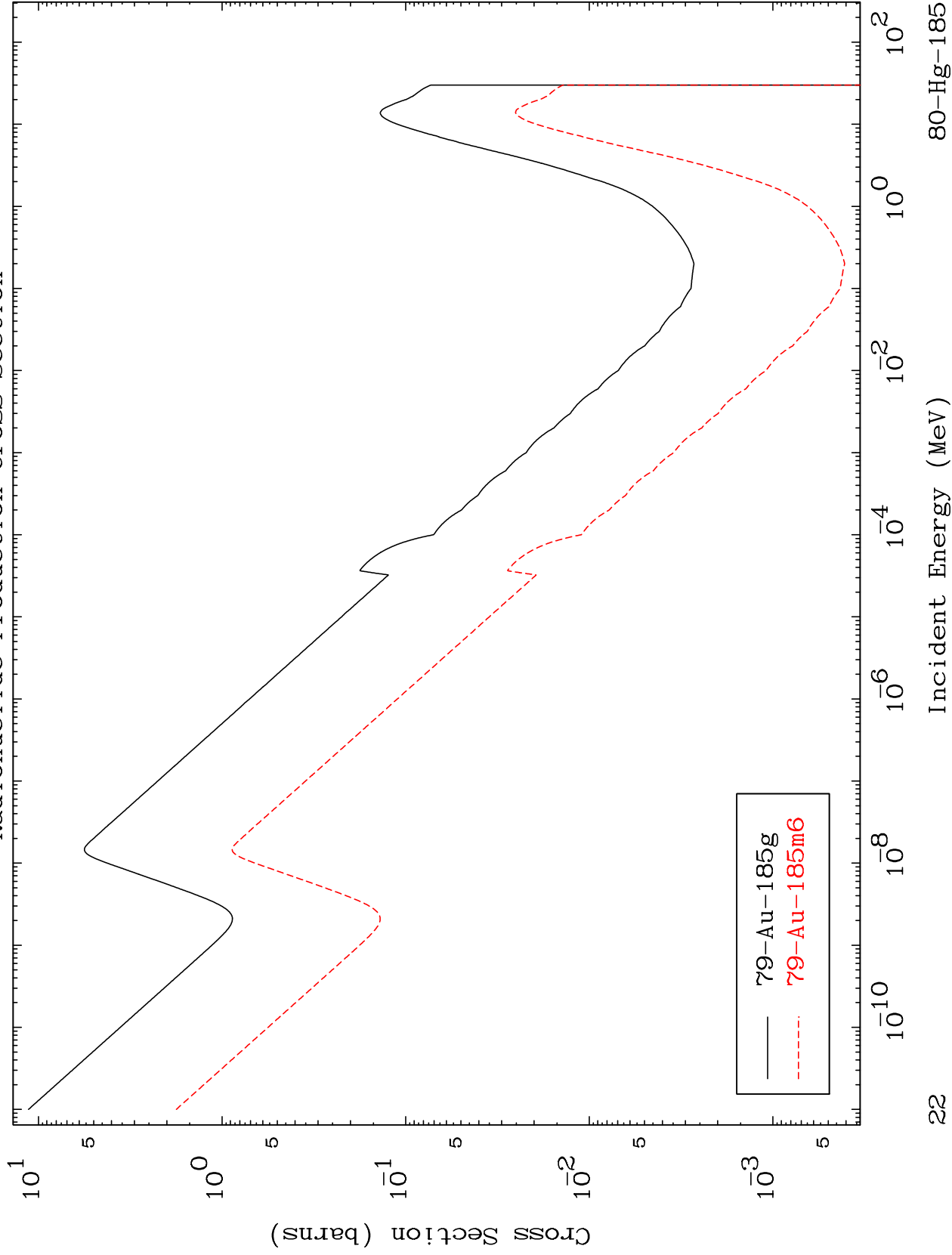
Radionuclide Production Cross Section



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80-Hg-185

(n,p)
Radionuclide Production Cross Section

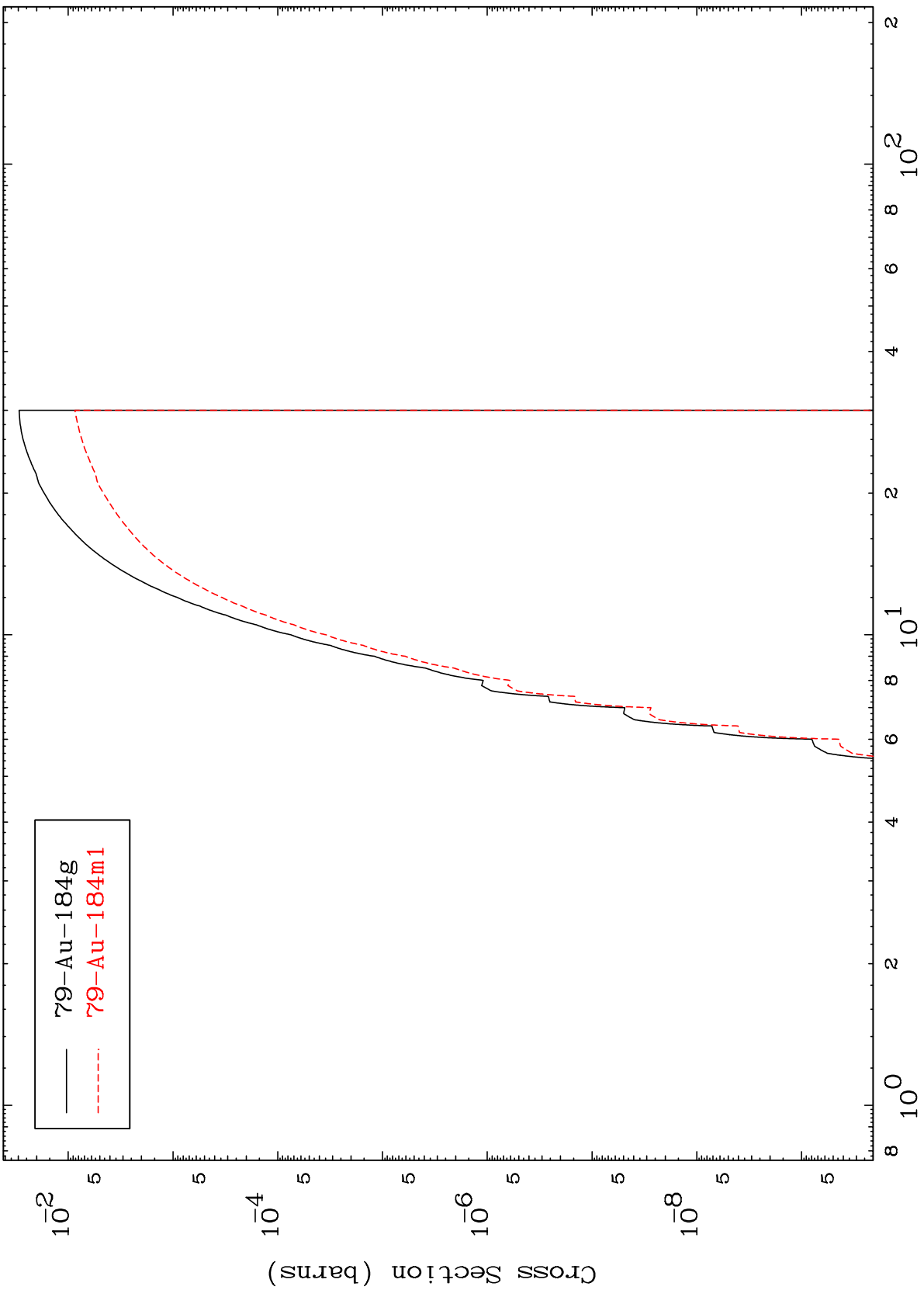
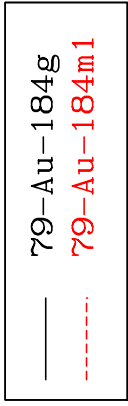


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(n,d)

80-Hg-185

Radionuclide Production Cross Section



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Incident Energy (MeV)

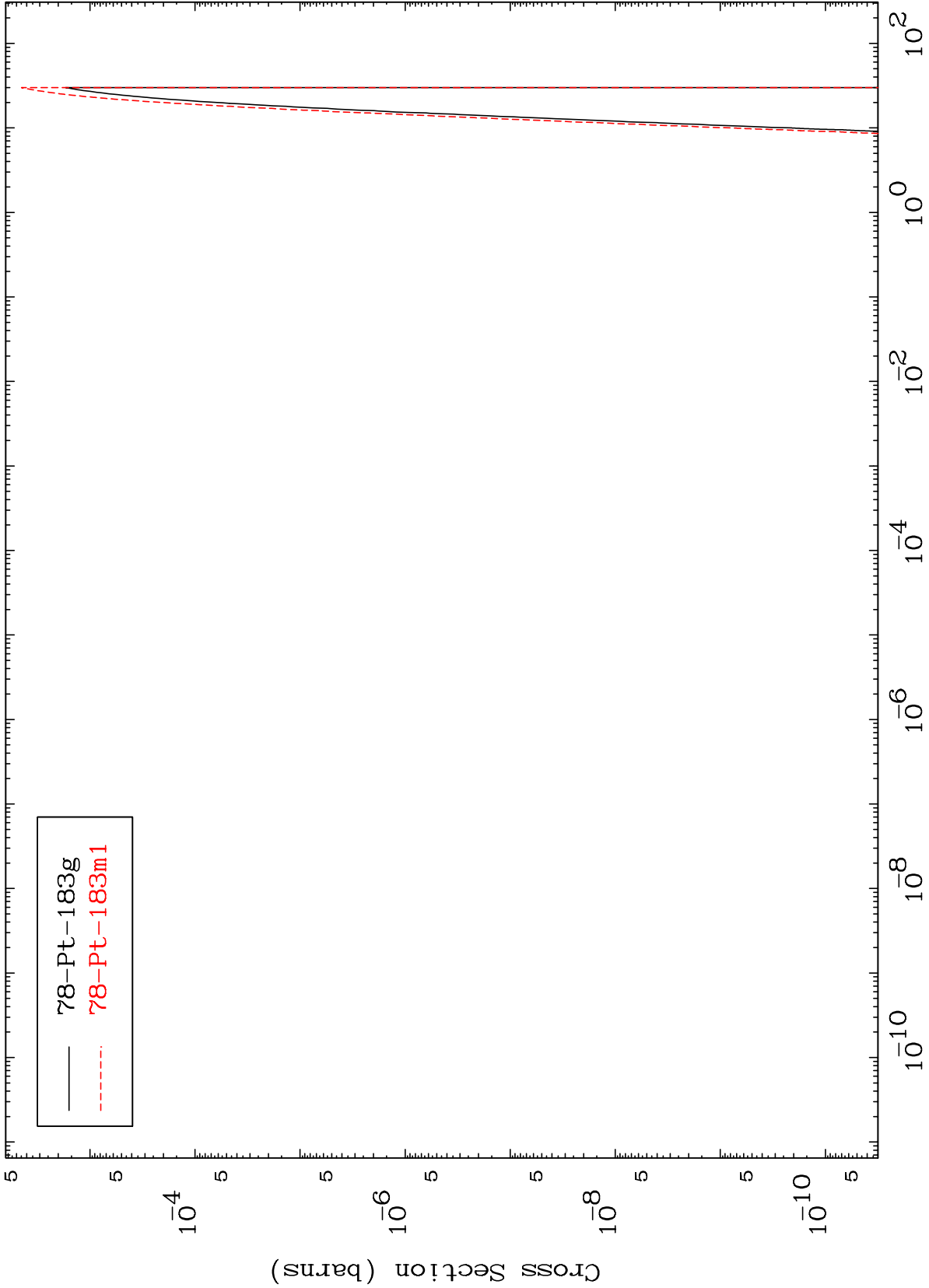
80-Hg-185

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(n,He-3)

80-Hg-185

Radionuclide Production Cross Section



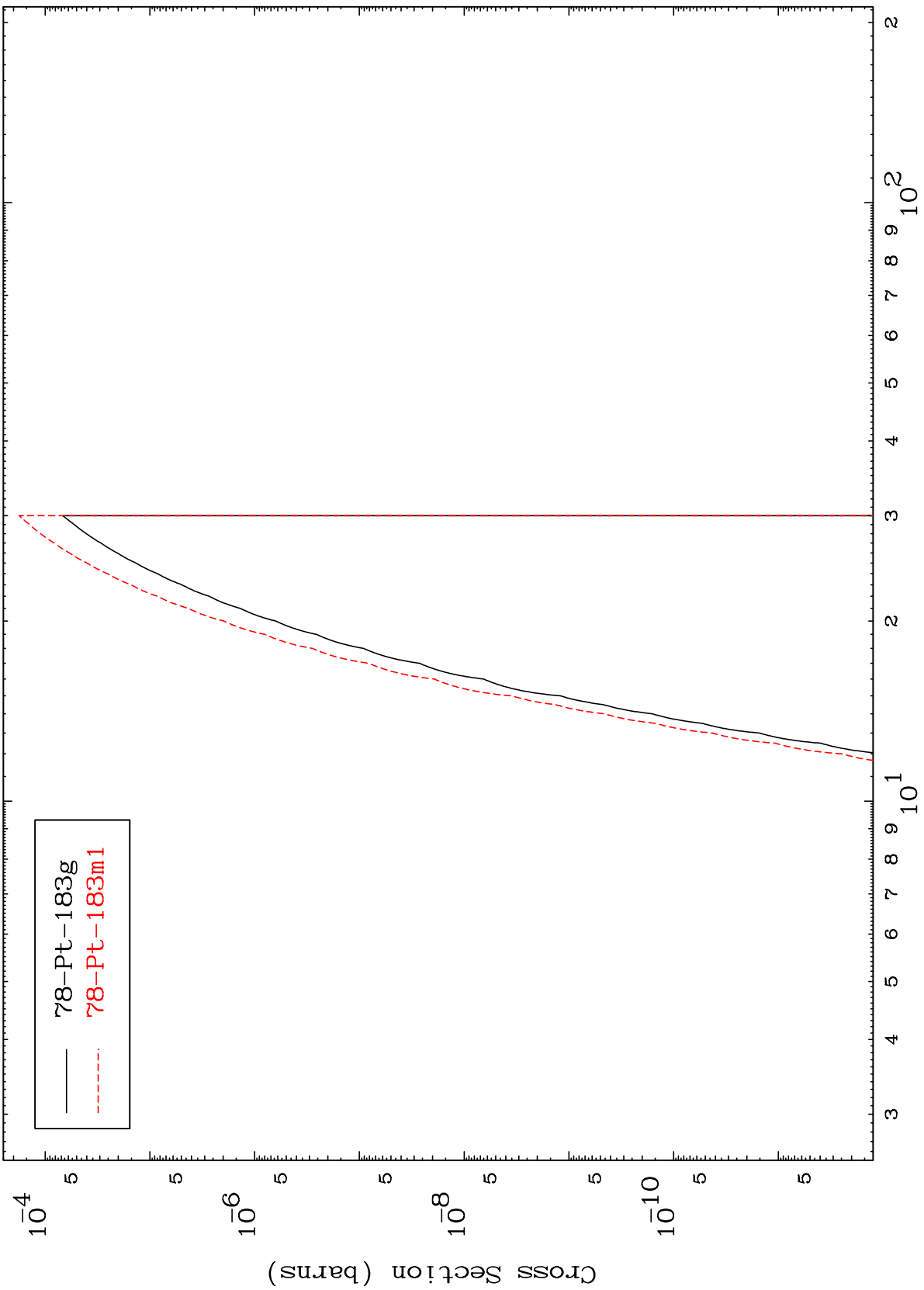
78-Pt-183g
78-Pt-183m1

MAT 7993

(n,p) d

80-Hg-185

Radionuclide Production Cross Section



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