

Program EVALPLOT
(Version 2021-1)

by

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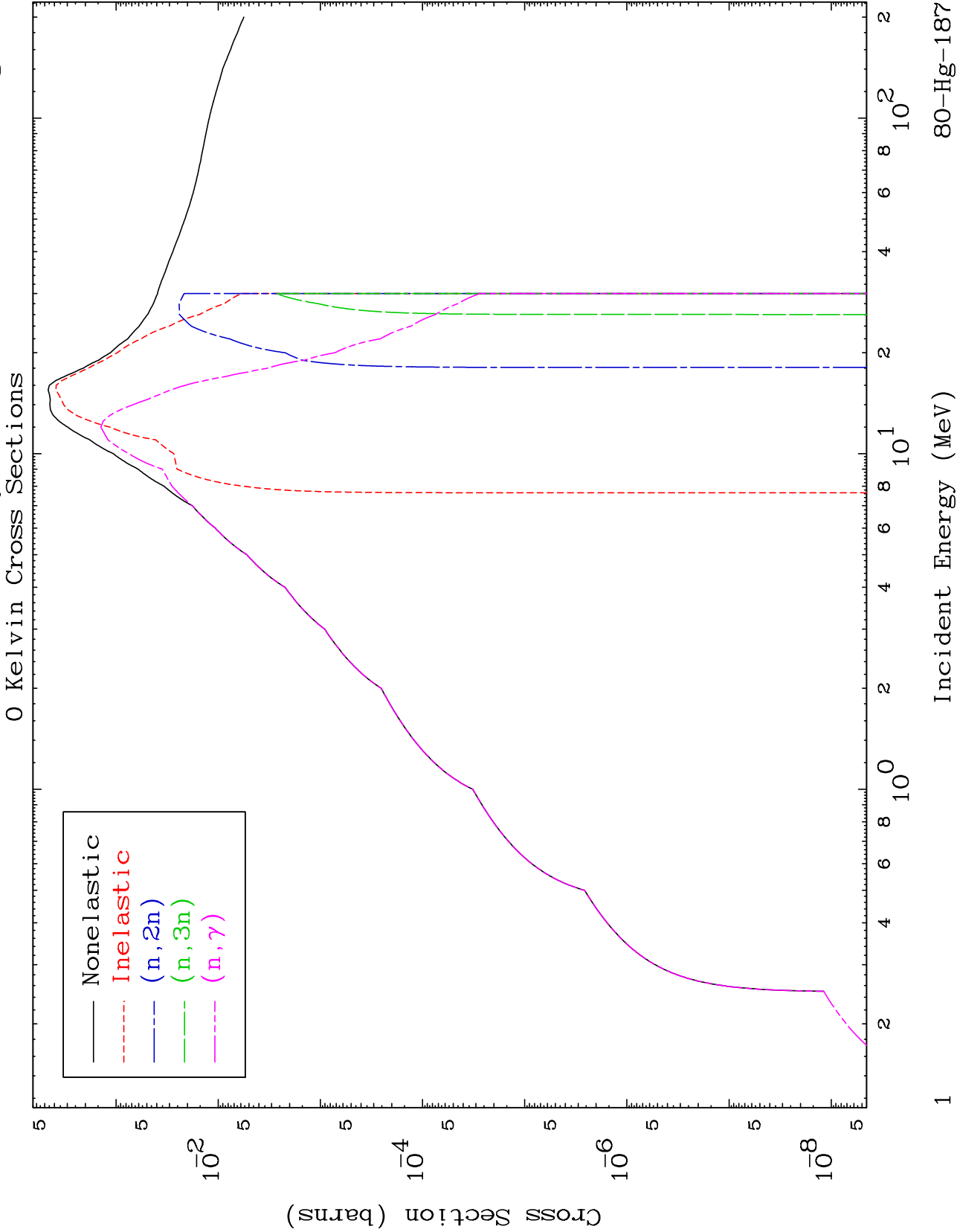
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7998

Photon Major

80-Hg-187



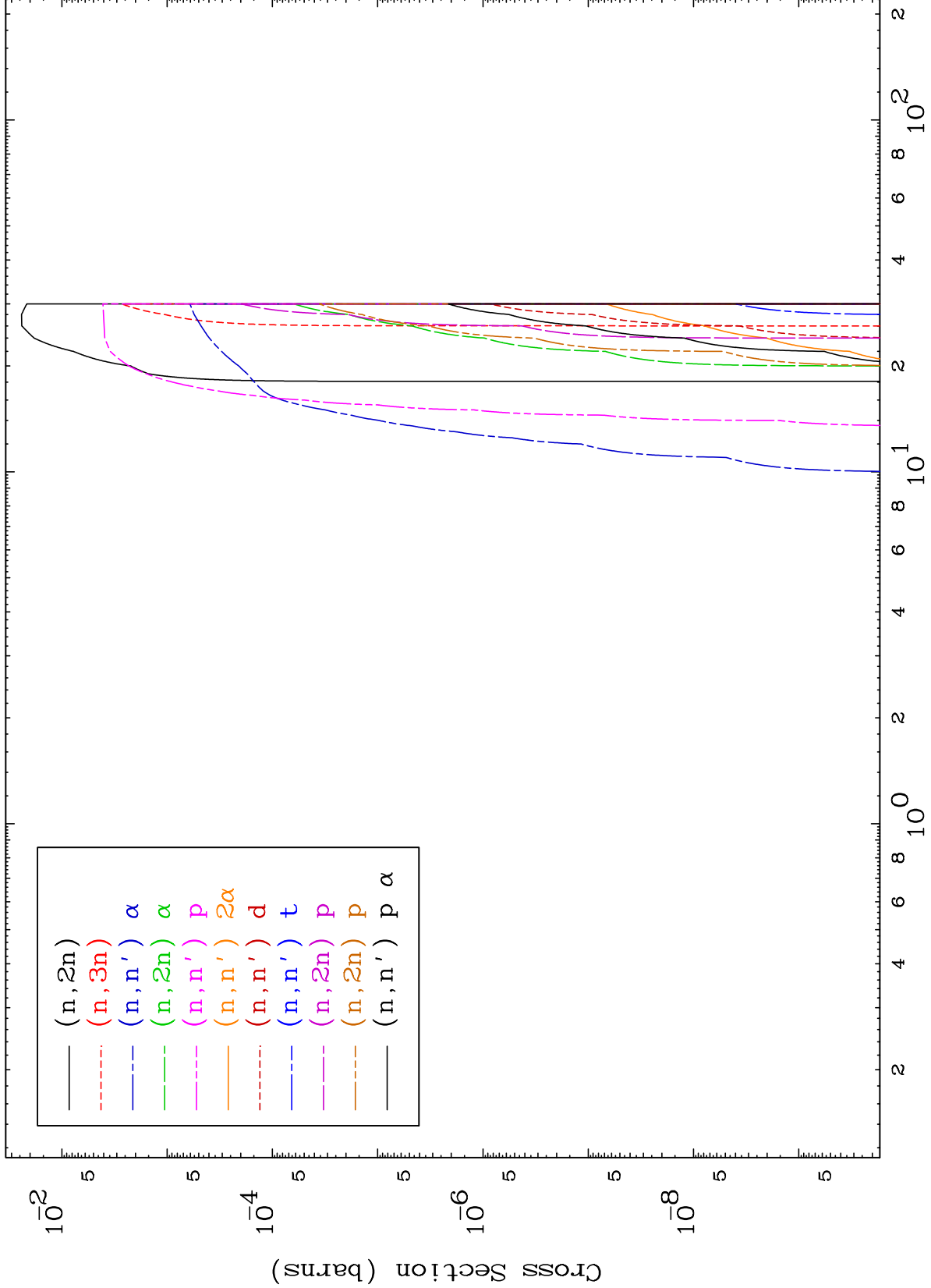
Legend:

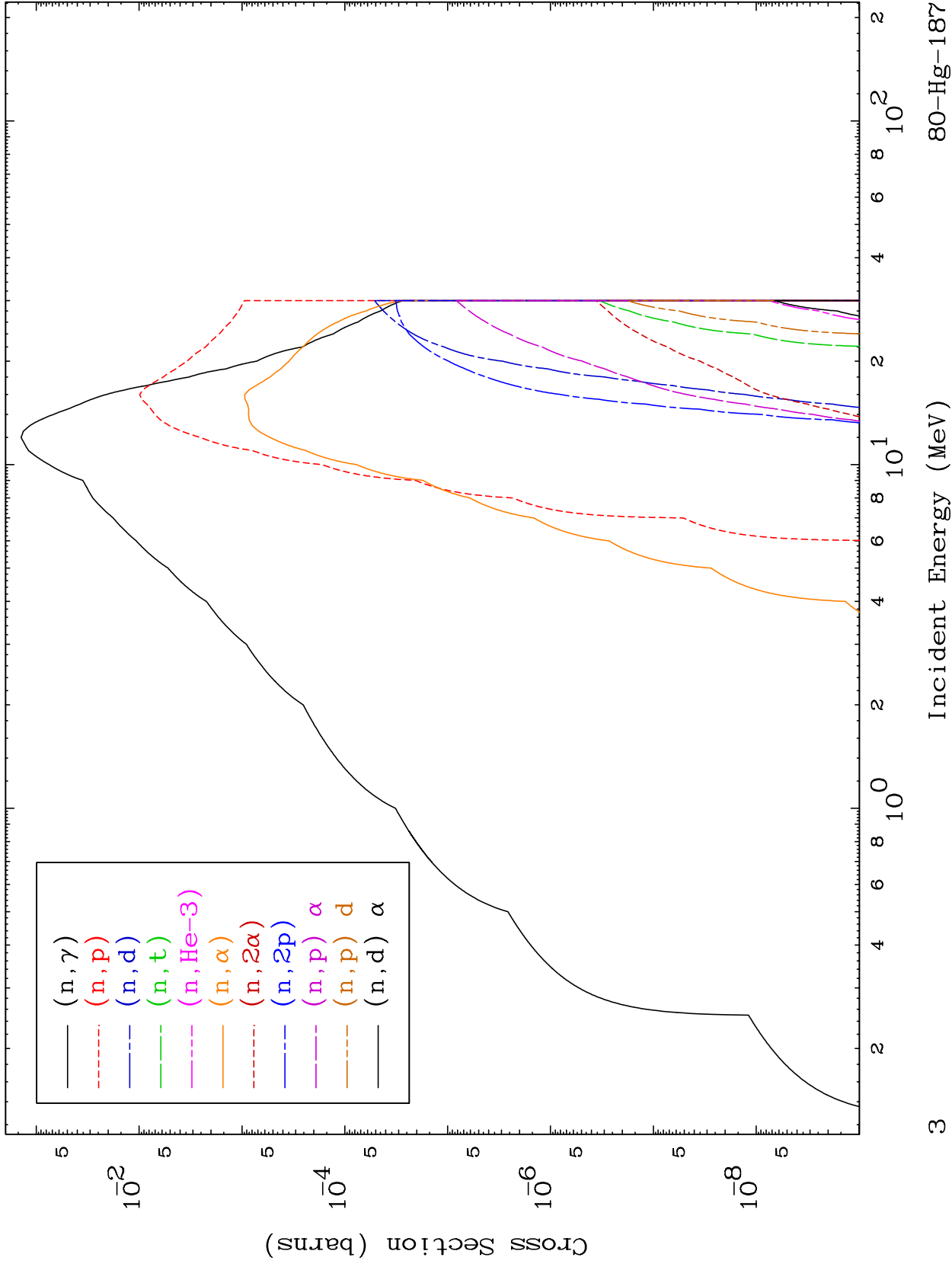
- Nonelastic (solid black line)
- Inelastic (dashed red line)
- (n, 2n) (dash-dot blue line)
- (n, 3n) (dashed green line)
- (n, γ) (dashed magenta line)

MAT 7998

Photon Neutron Absorption
0 Kelvin Cross Sections

80-Hg-187

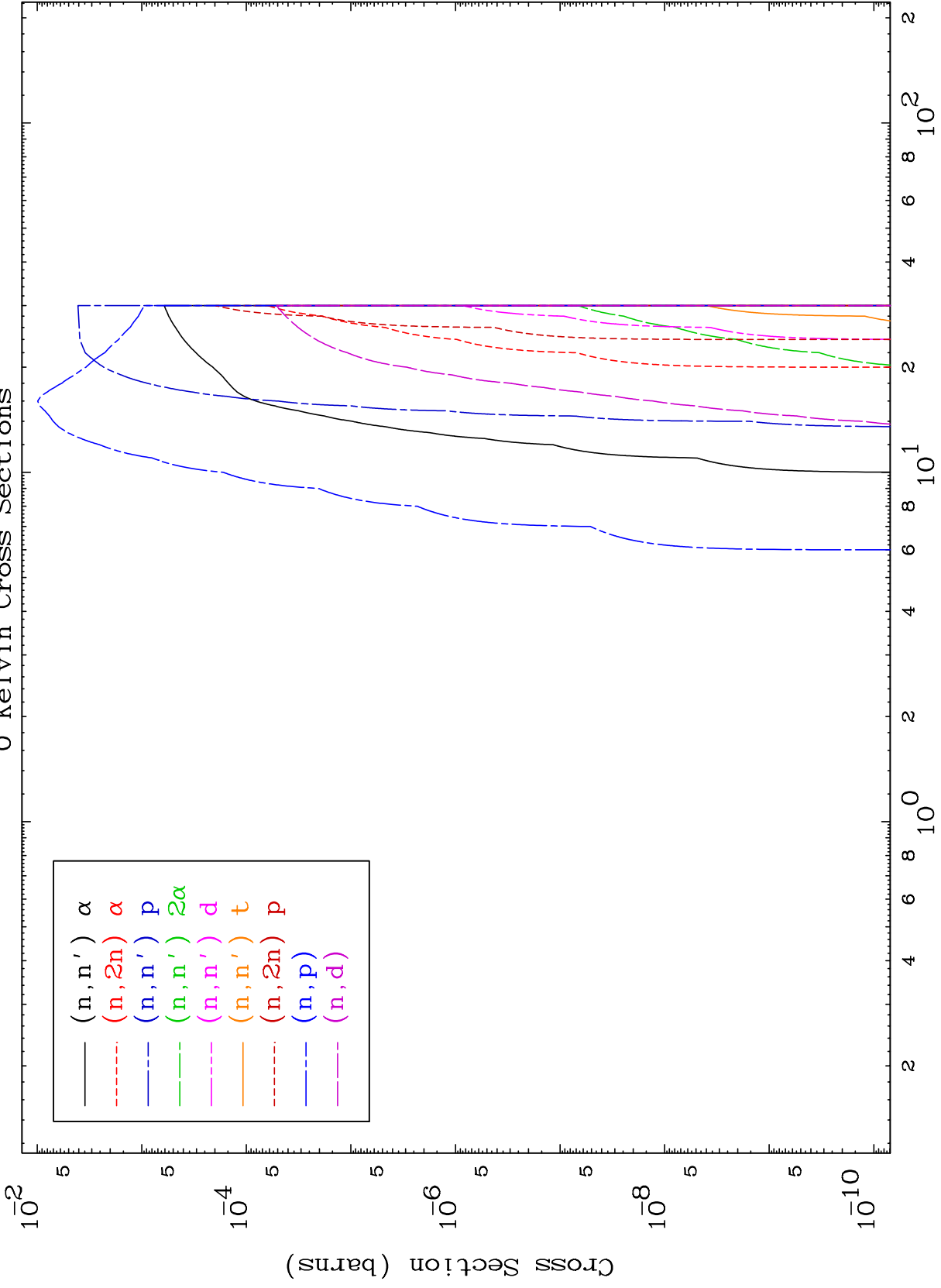


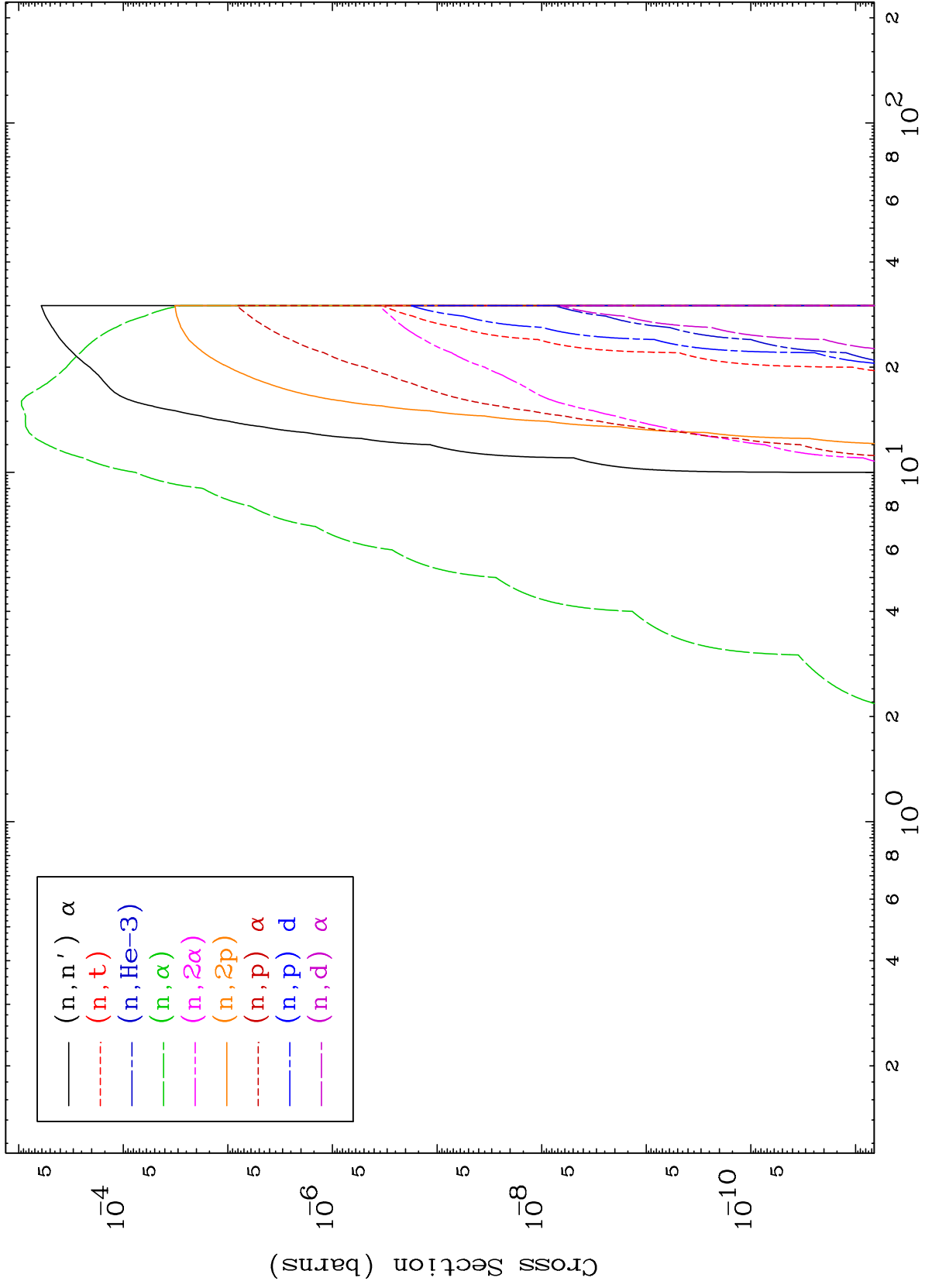


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Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-187

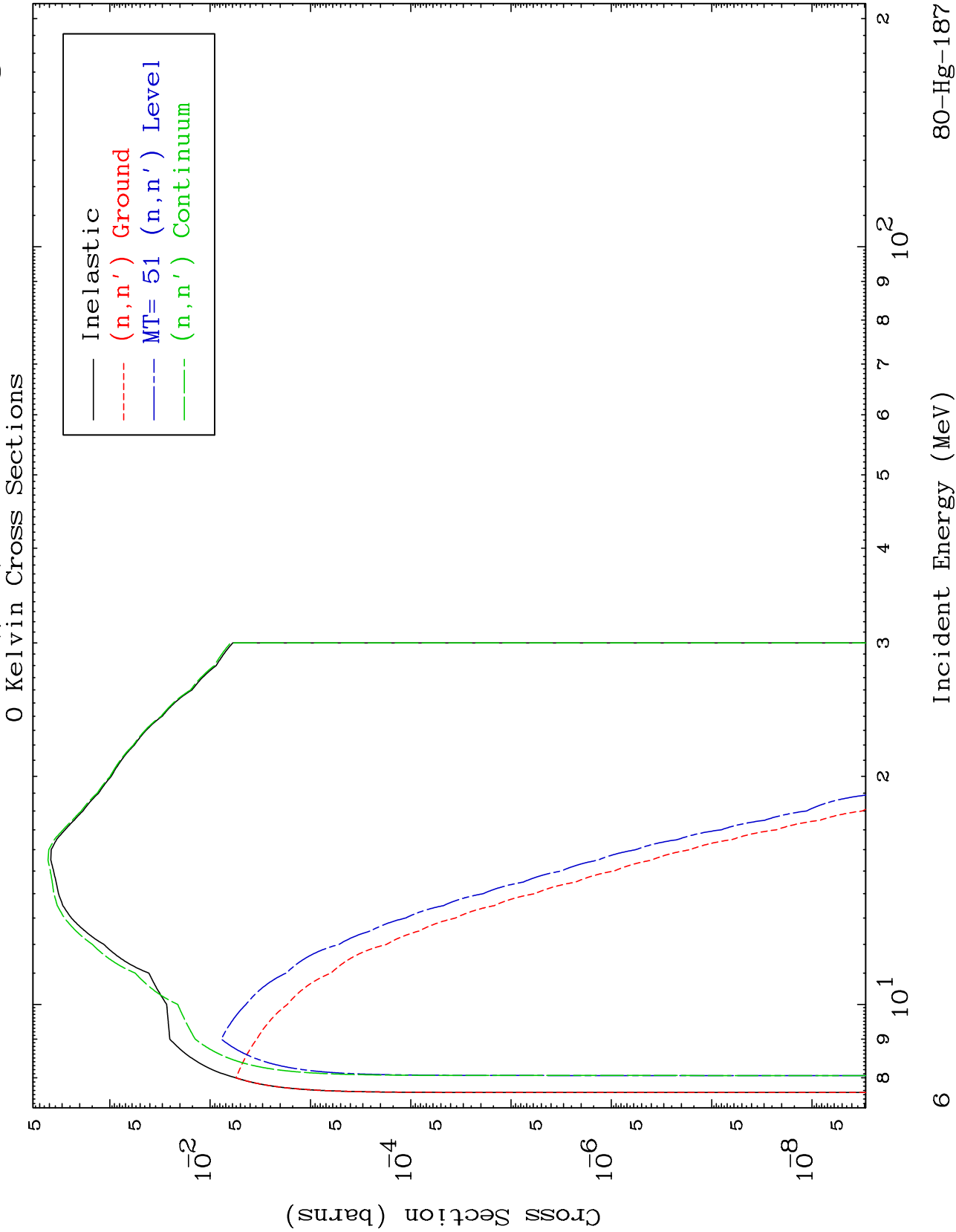




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(γ, n') Levels

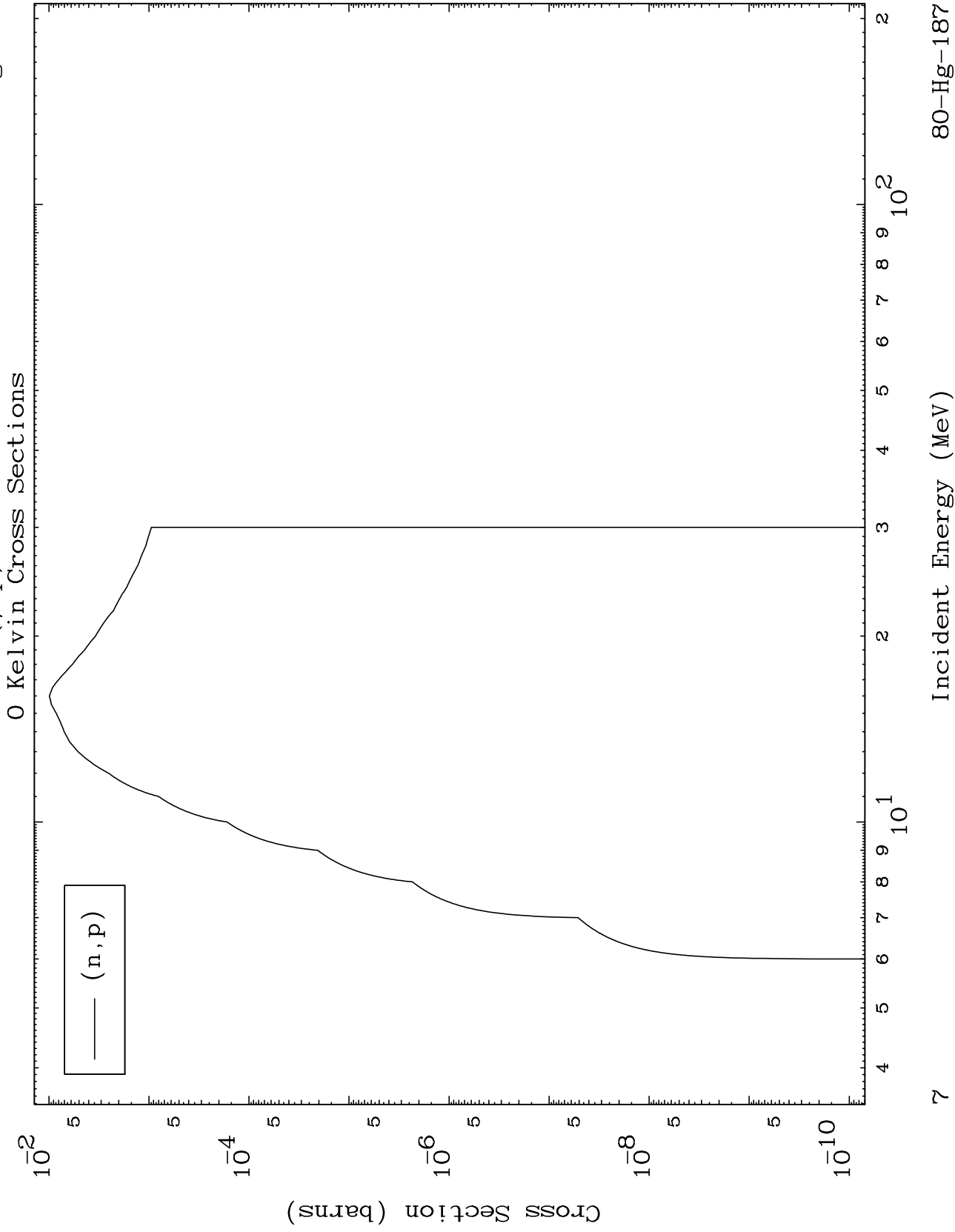
80-Hg-187



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(γ, p) Levels

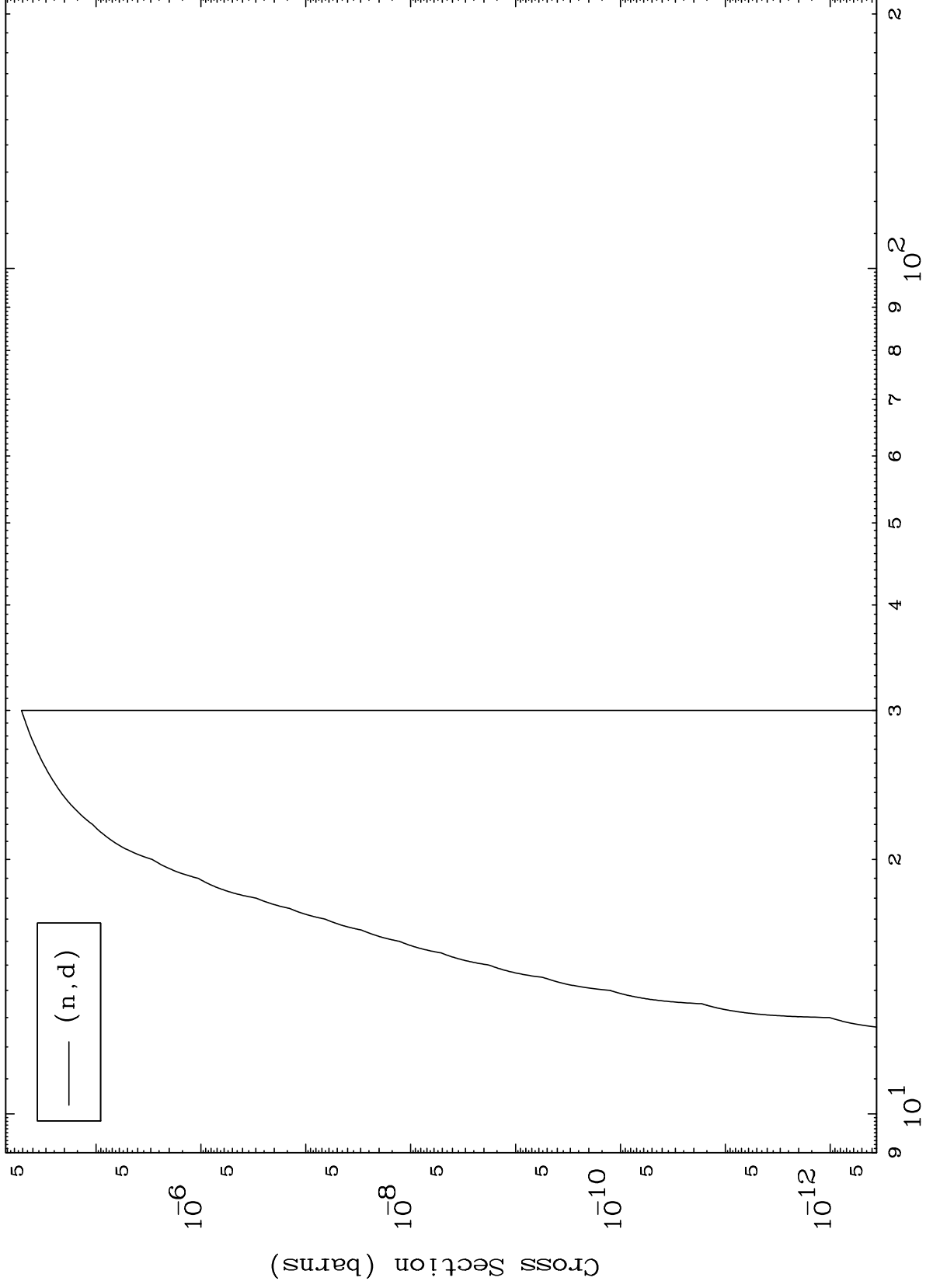
80-Hg-187



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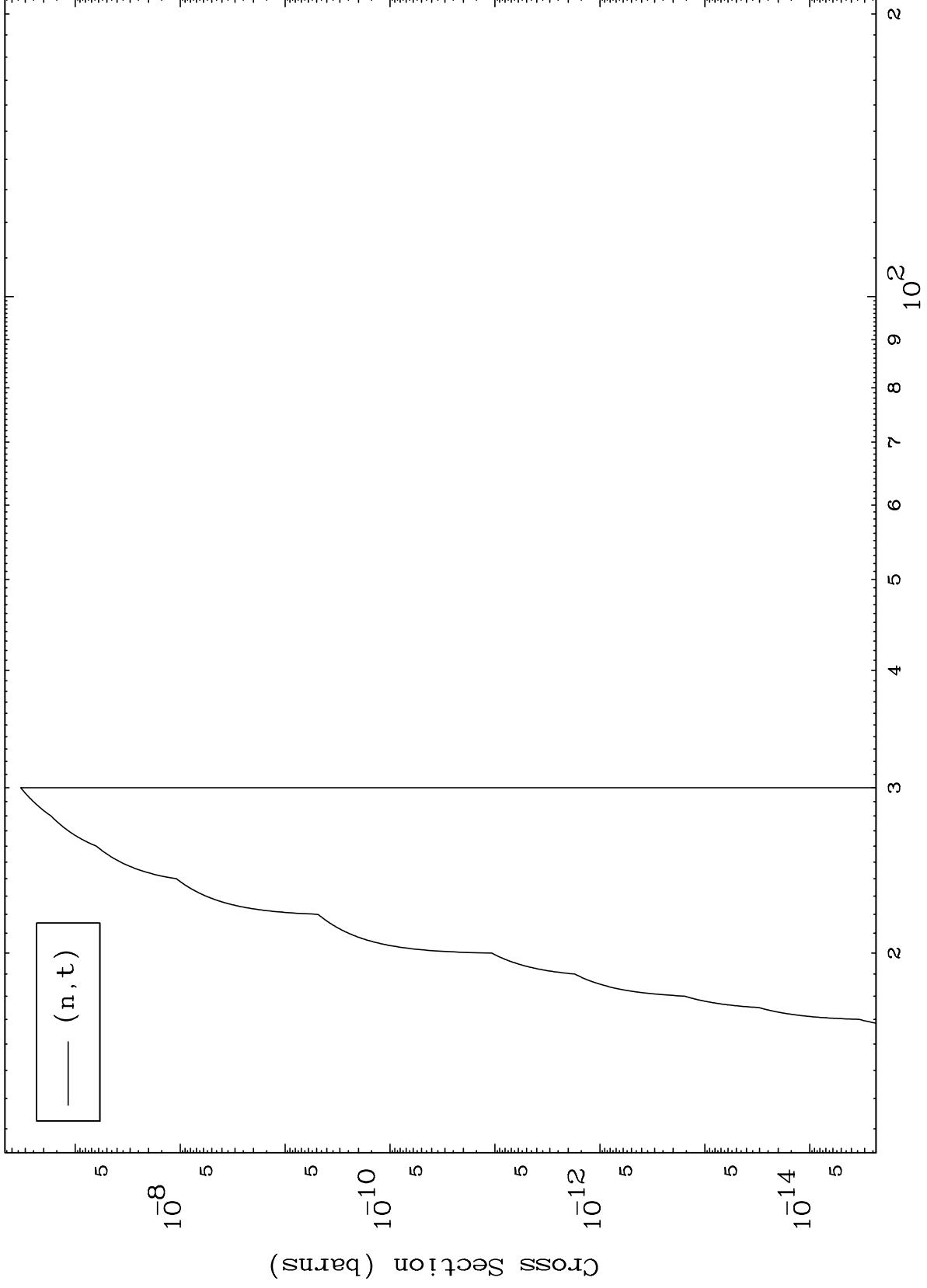
(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-187



Incident Energy (MeV)

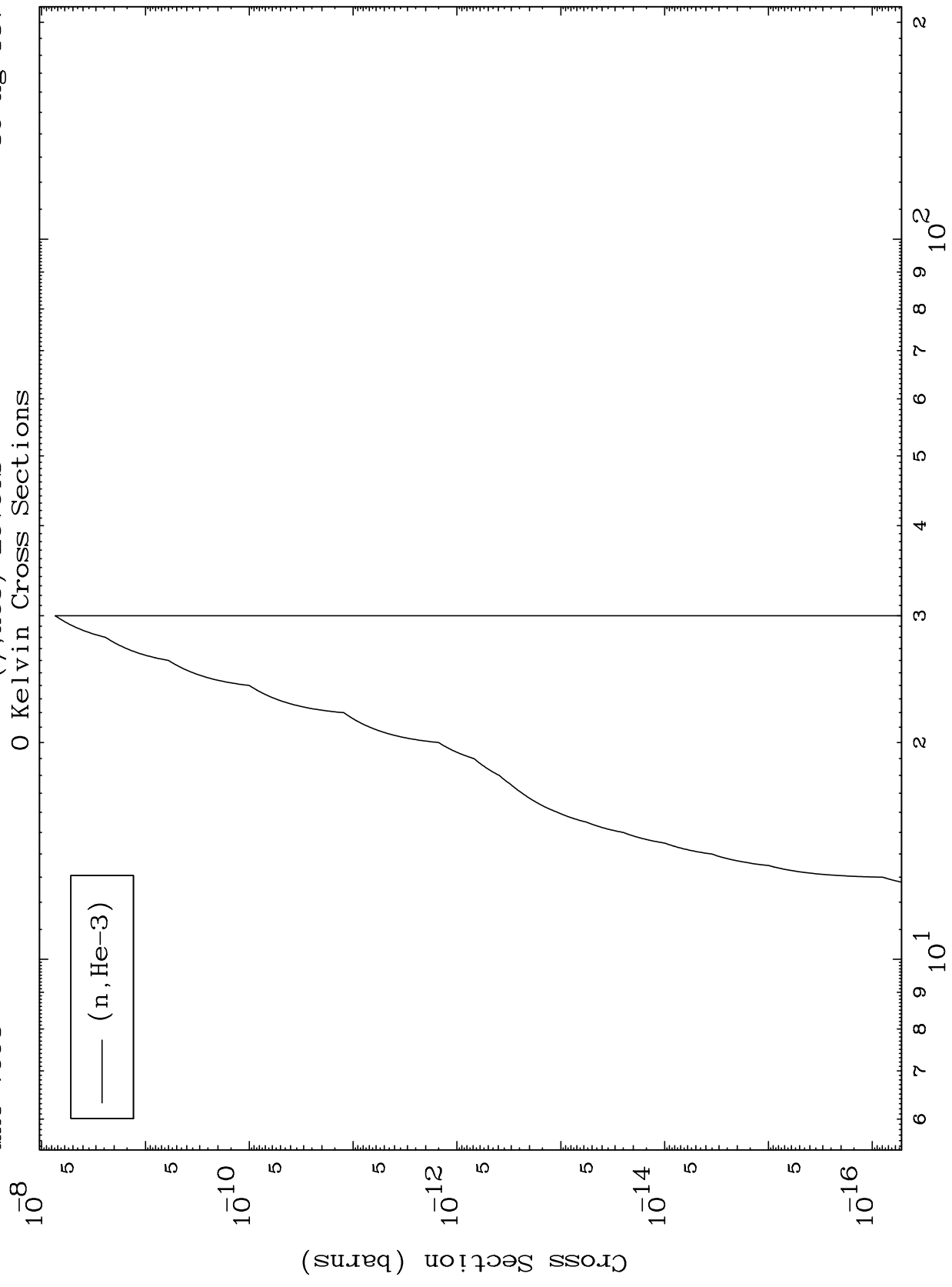
80-Hg-187



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80-Hg-187

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



80-Hg-187

Incident Energy (MeV)

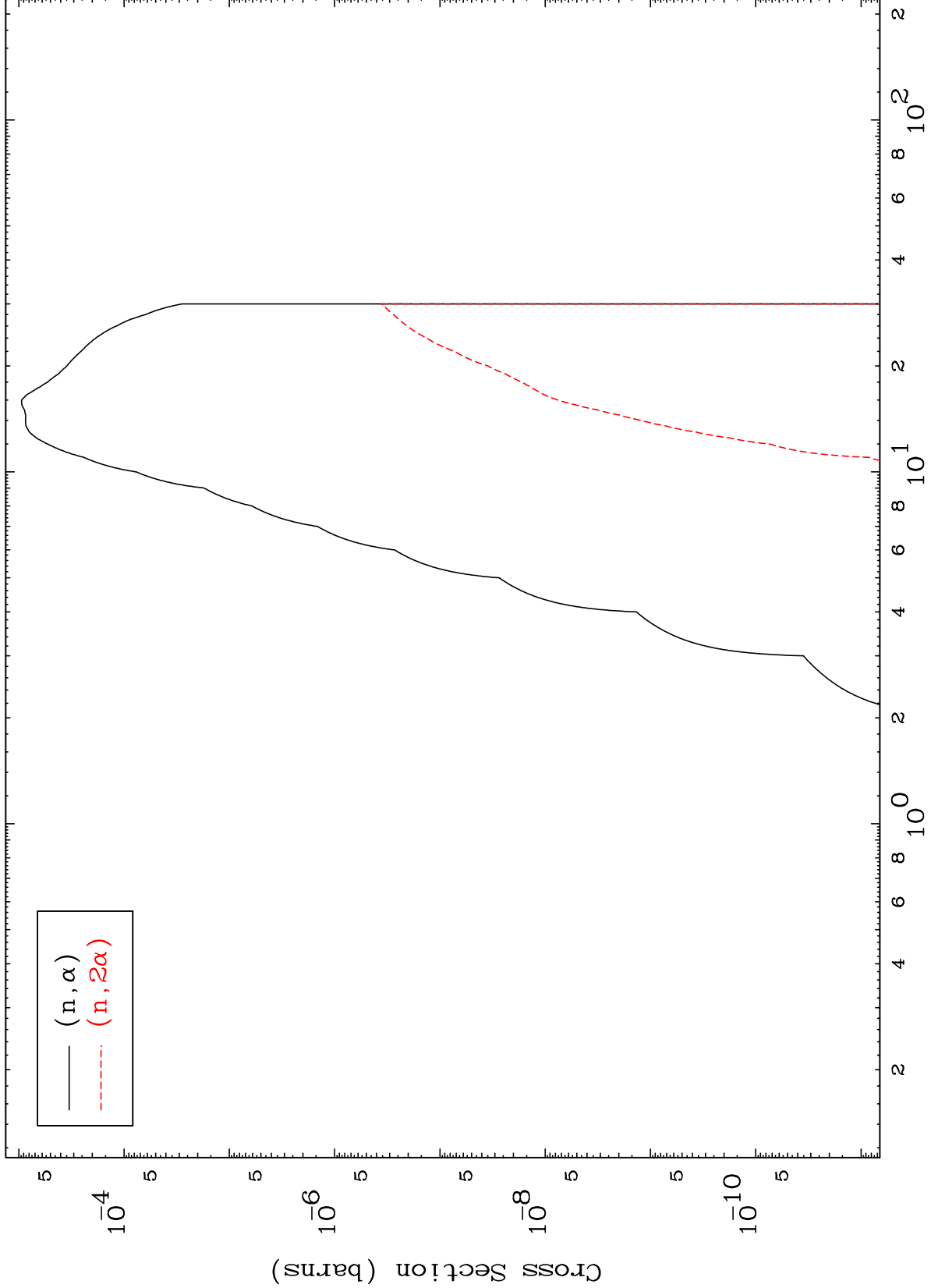
10

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(γ, α) Levels

80-Hg-187

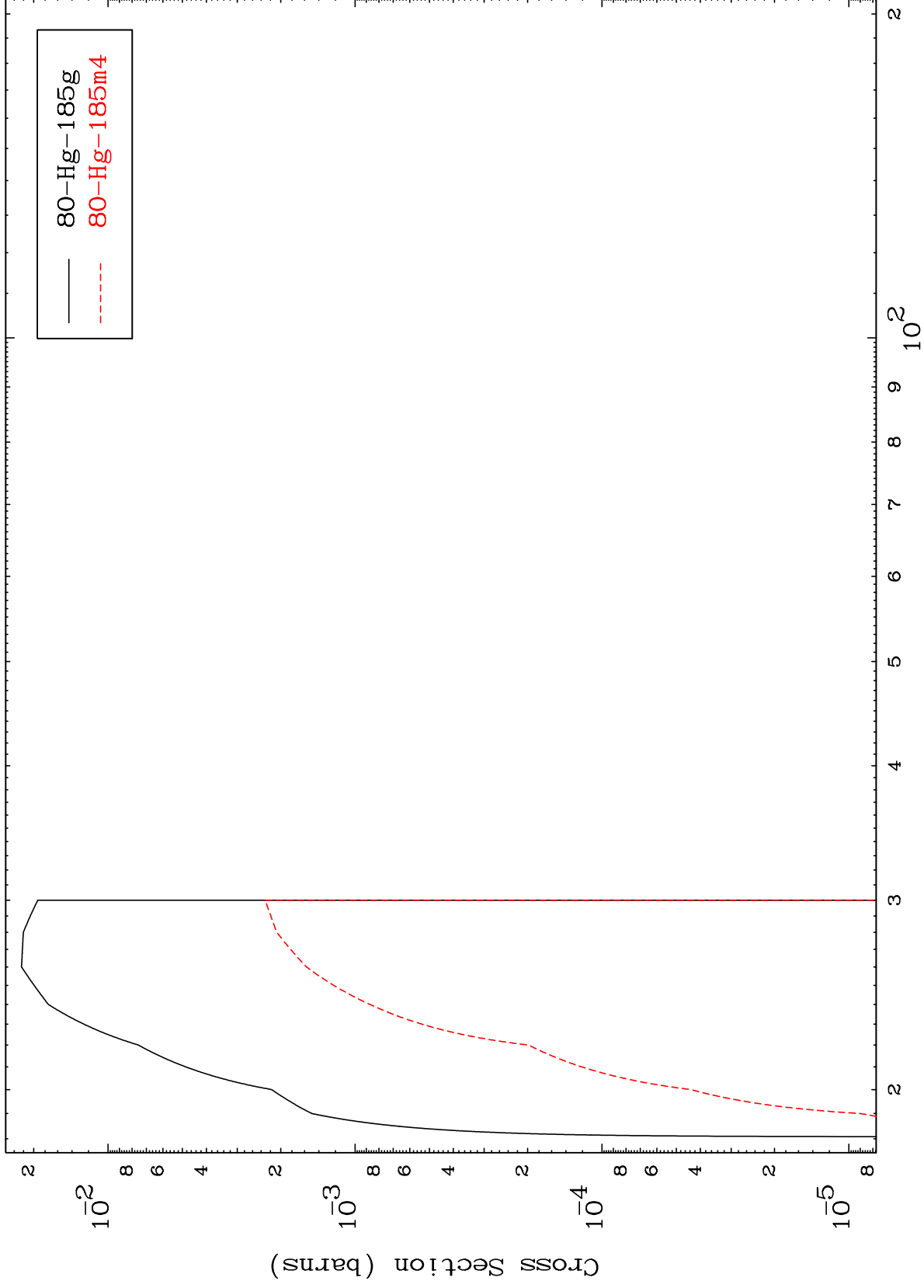
0 Kelvin Cross Sections



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80-Hg-187

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

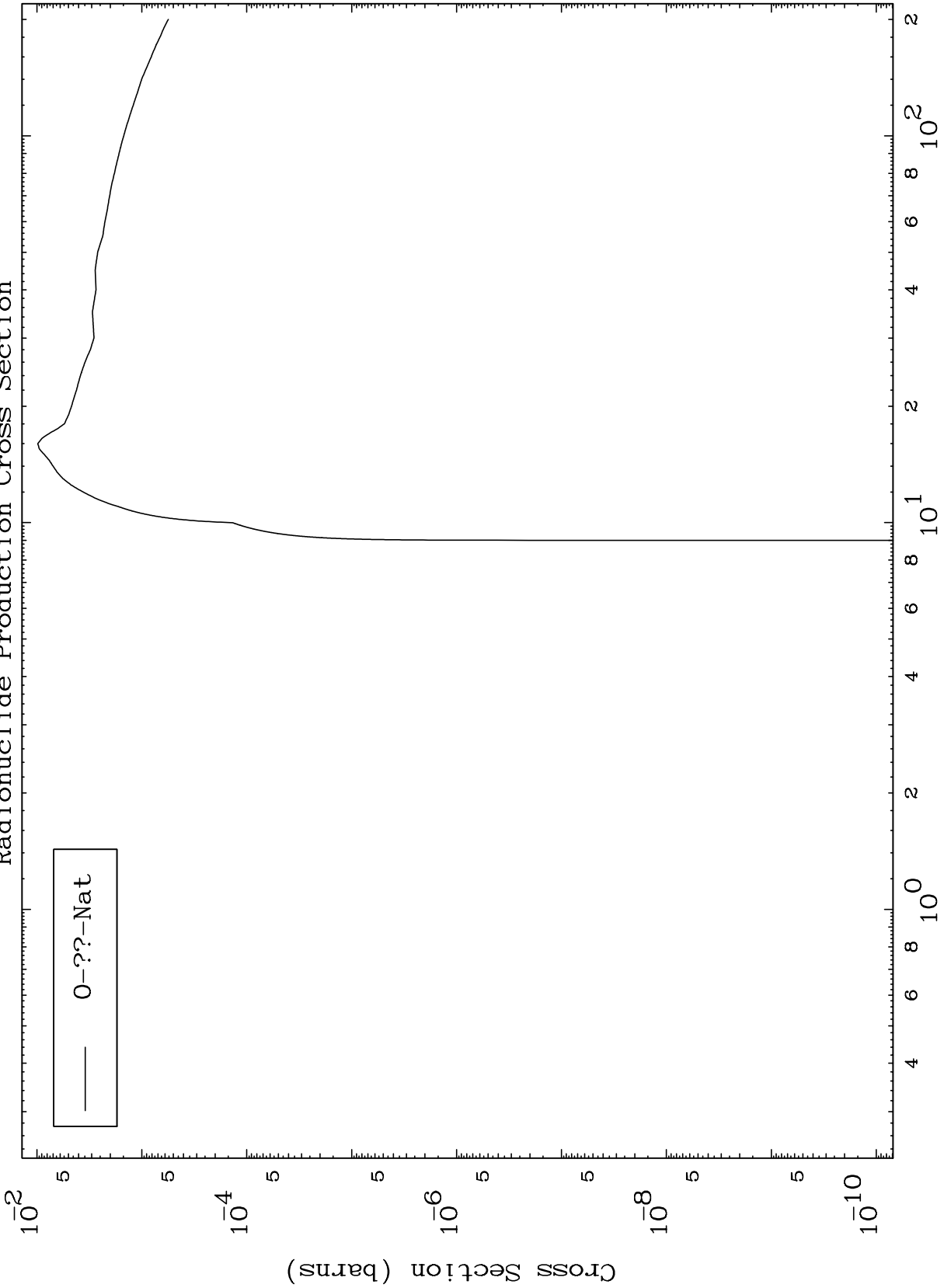
80-Hg-187

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Fission

80-Hg-187

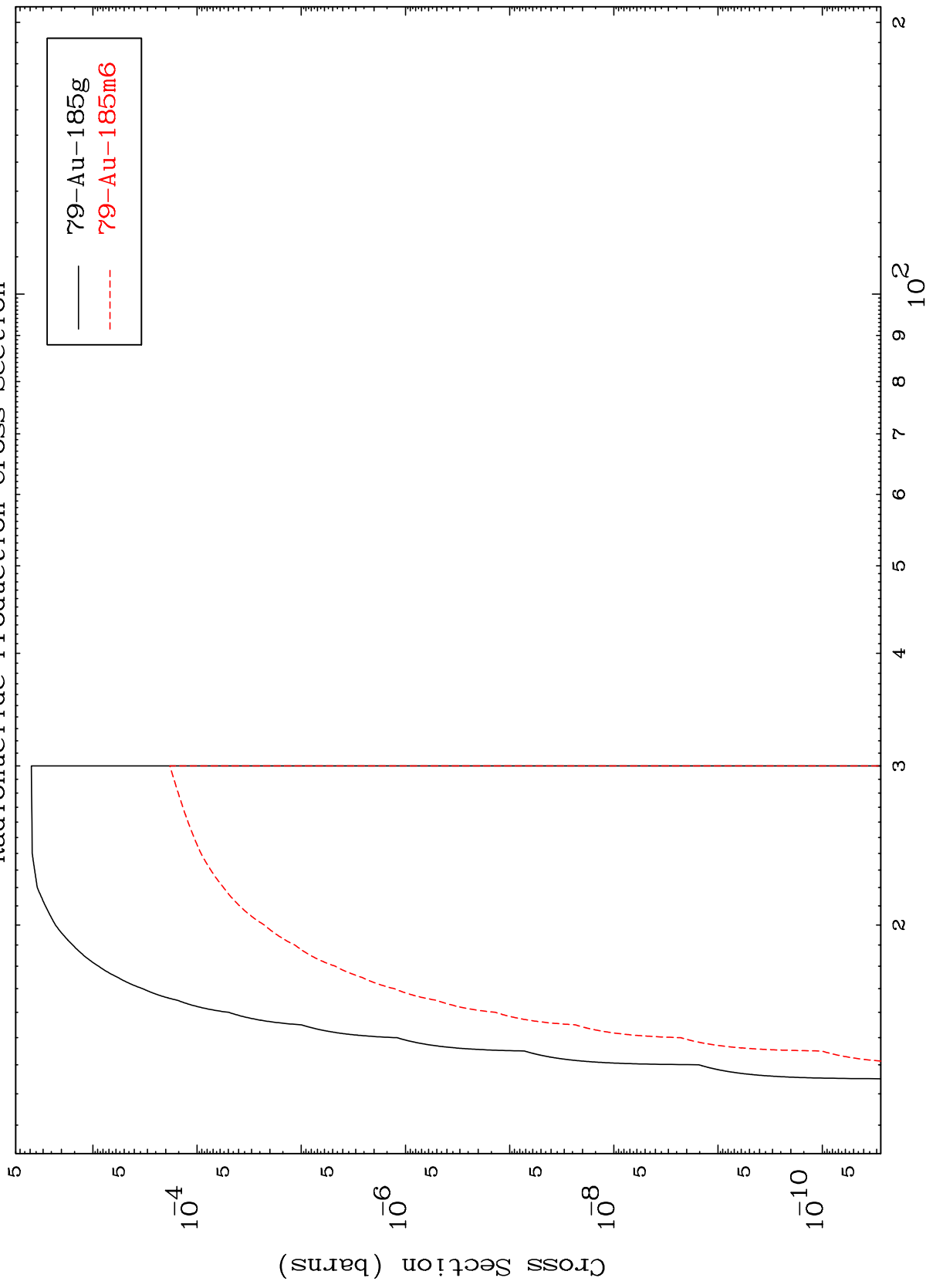
Radionuclide Production Cross Section



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80-Hg-187

(n, n') p
Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

80-Hg-187

Incident Energy (MeV)

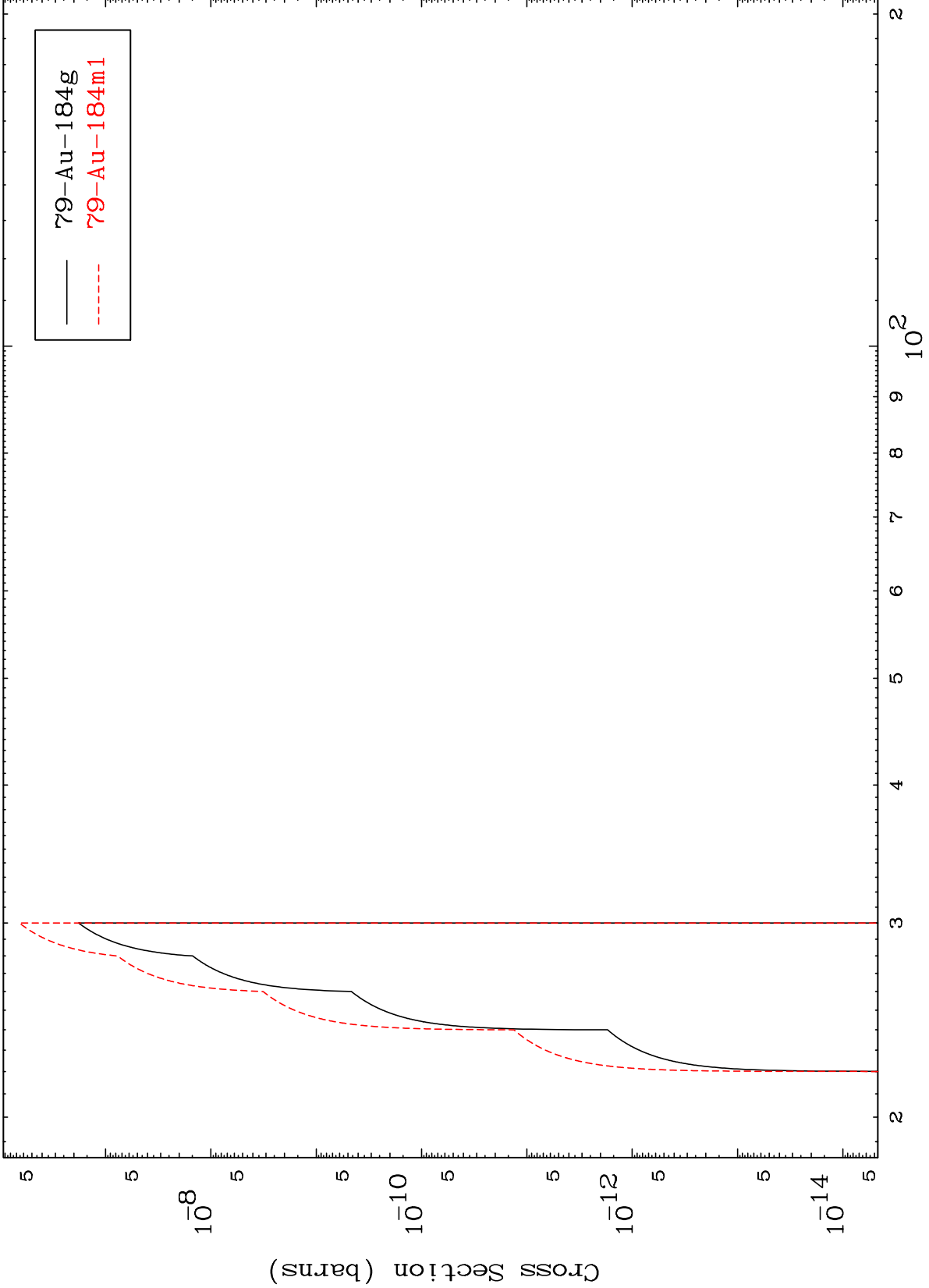
14

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(n,n') d

80-Hg-187

Radionuclide Production Cross Section



15

Incident Energy (MeV)

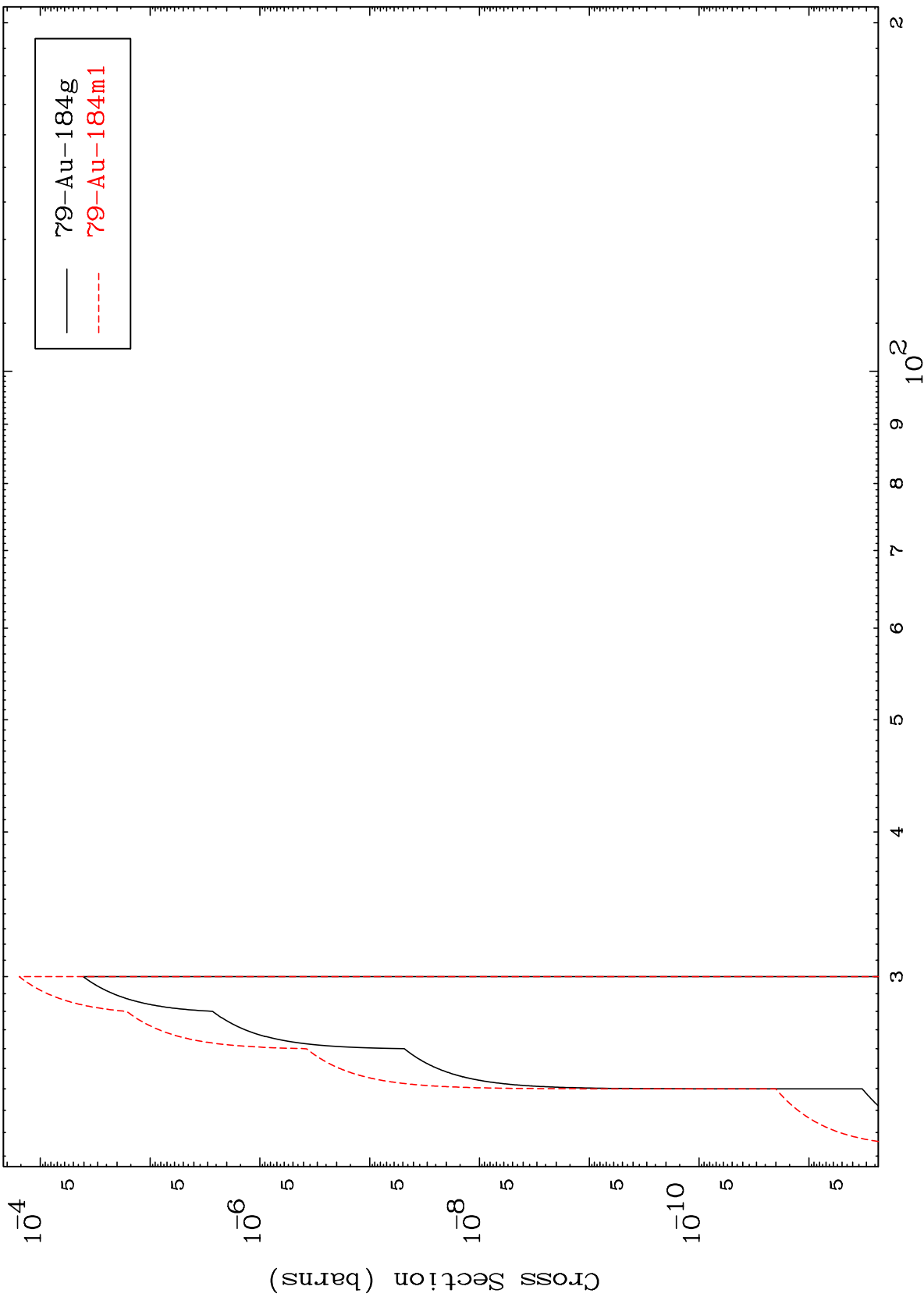
80-Hg-187

MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section



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

16

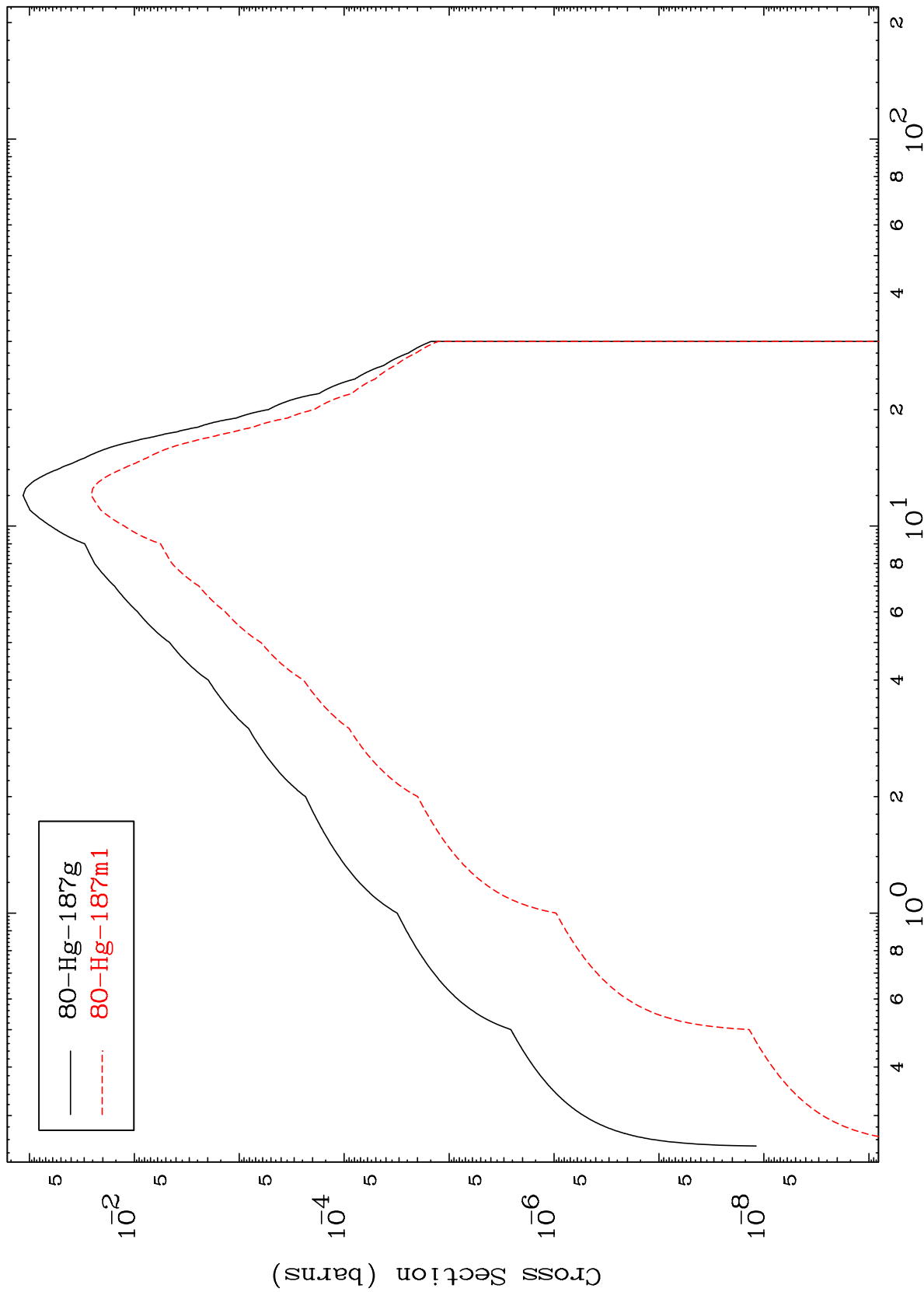
Incident Energy (MeV)

80-Hg-187

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80-Hg-187

Radionuclide Production Cross Section



— 80-Hg-187g
- - - 80-Hg-187m1

80-Hg-187

Incident Energy (MeV)

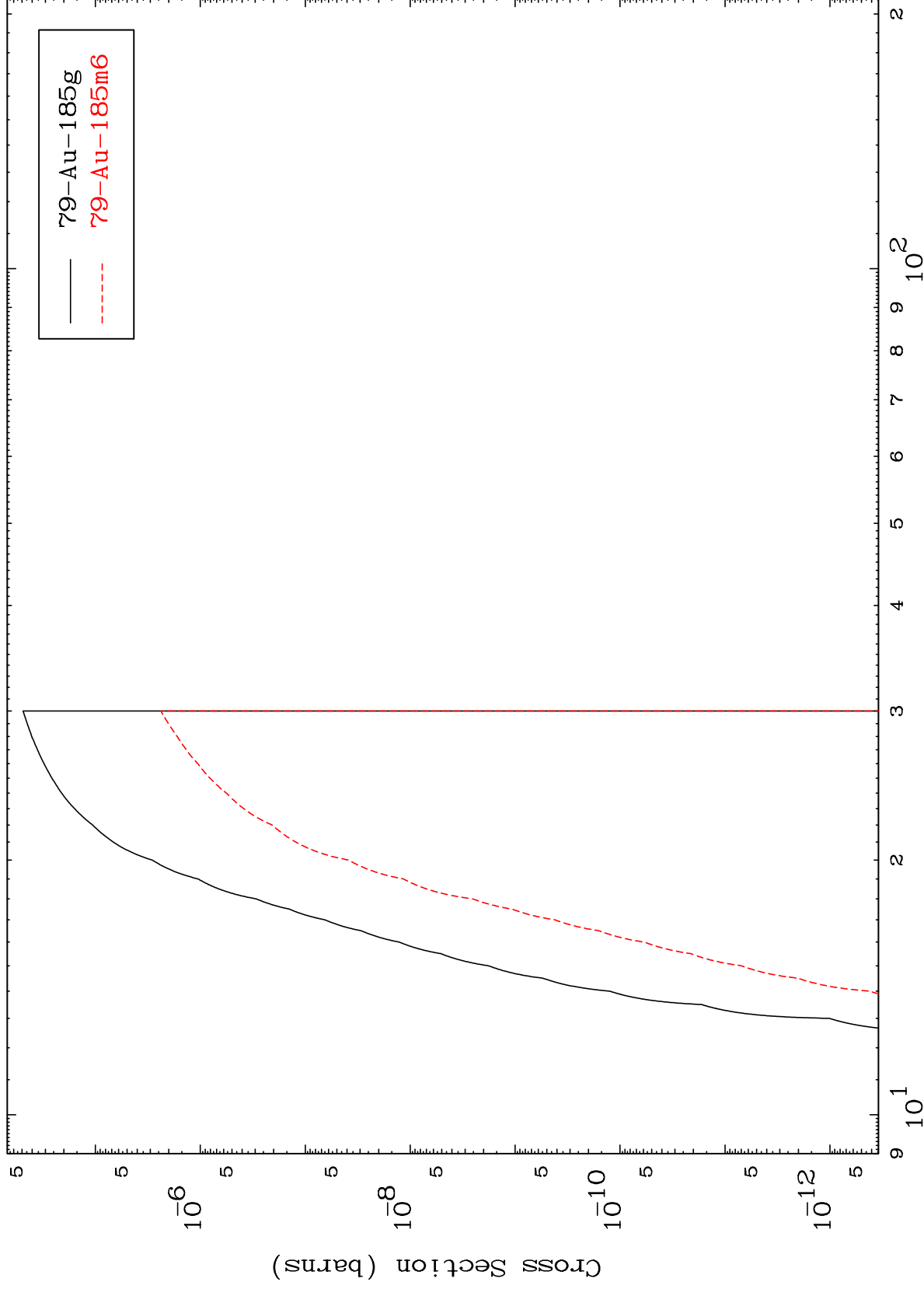
17

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(n,d)

80-Hg-187

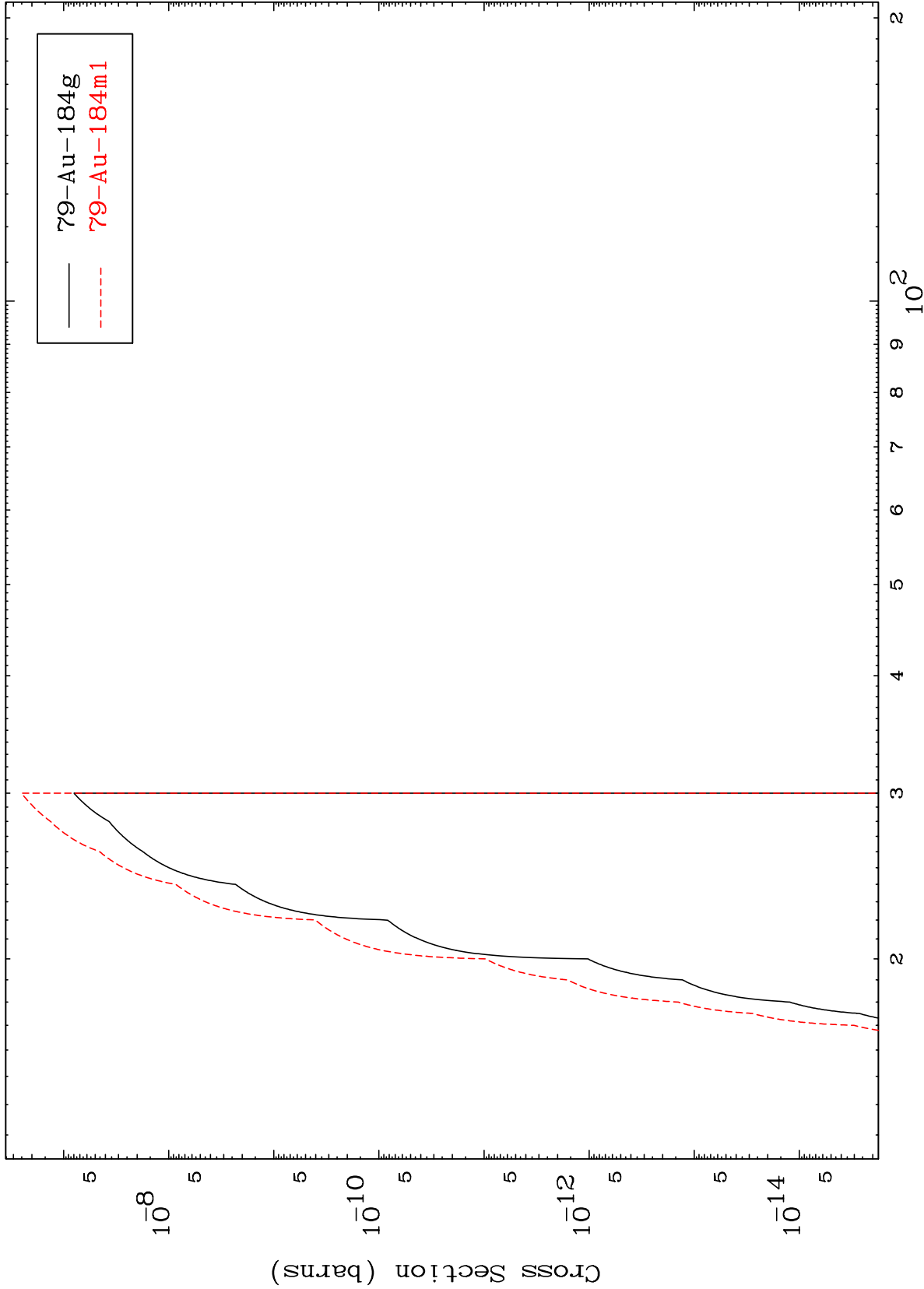
Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-187

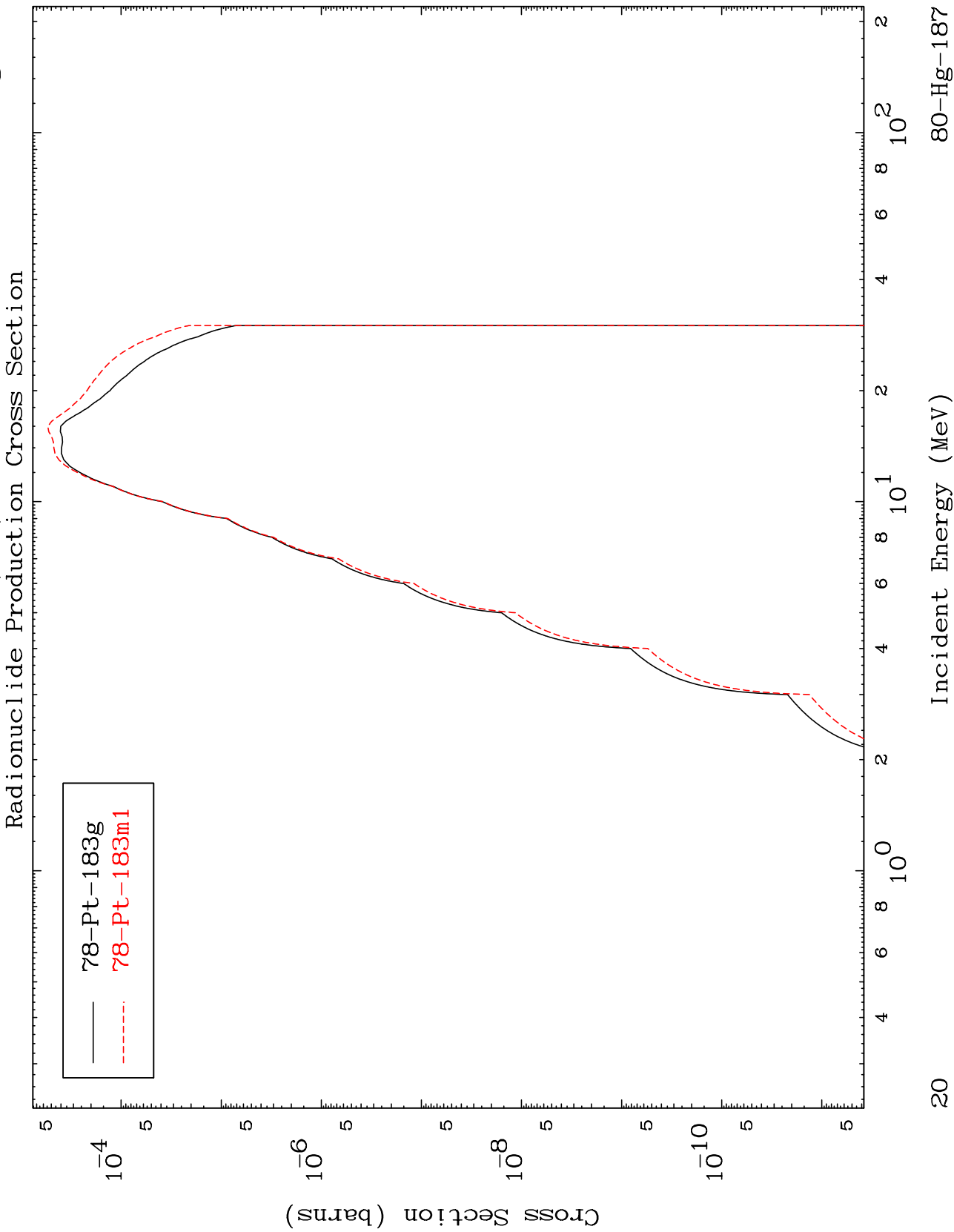
(n, t)
Radionuclide Production Cross Section



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

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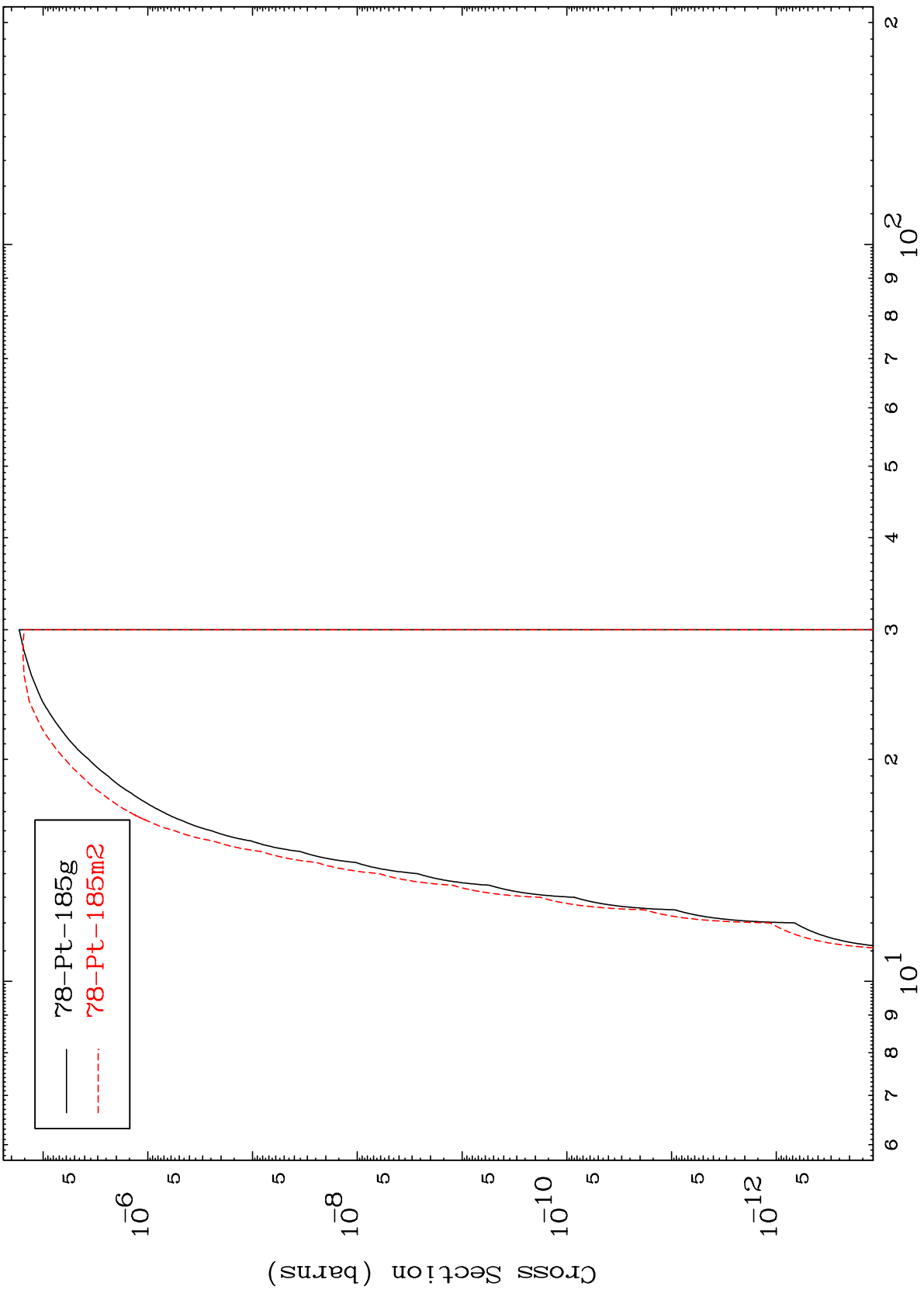
80-Hg-187



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80-Hg-187

Radionuclide Production Cross Section (n,2p)



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