

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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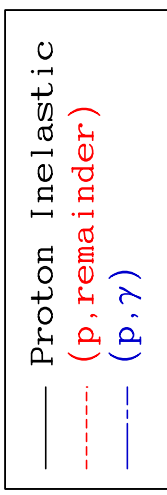
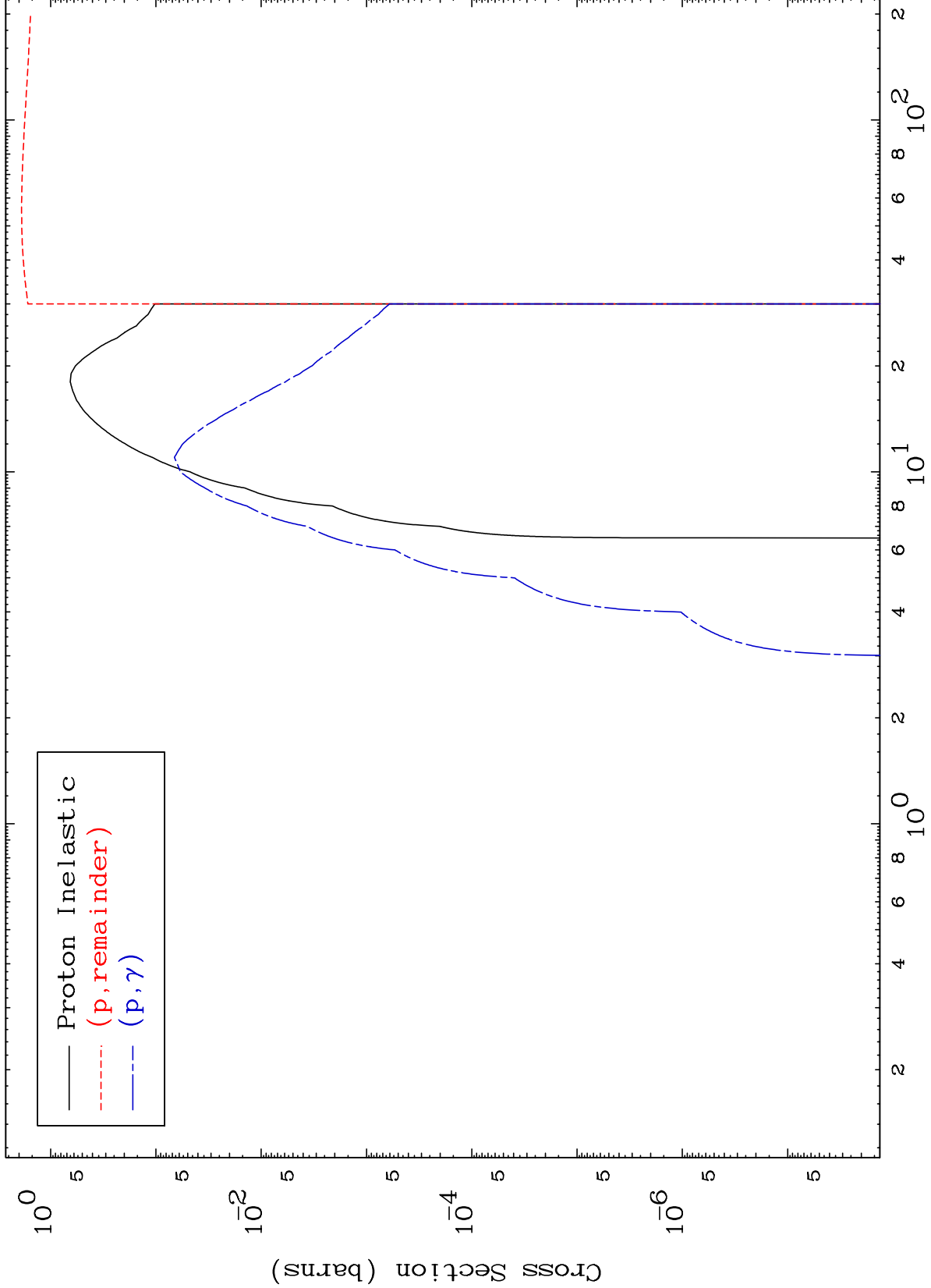
Tele: 925-443-1911

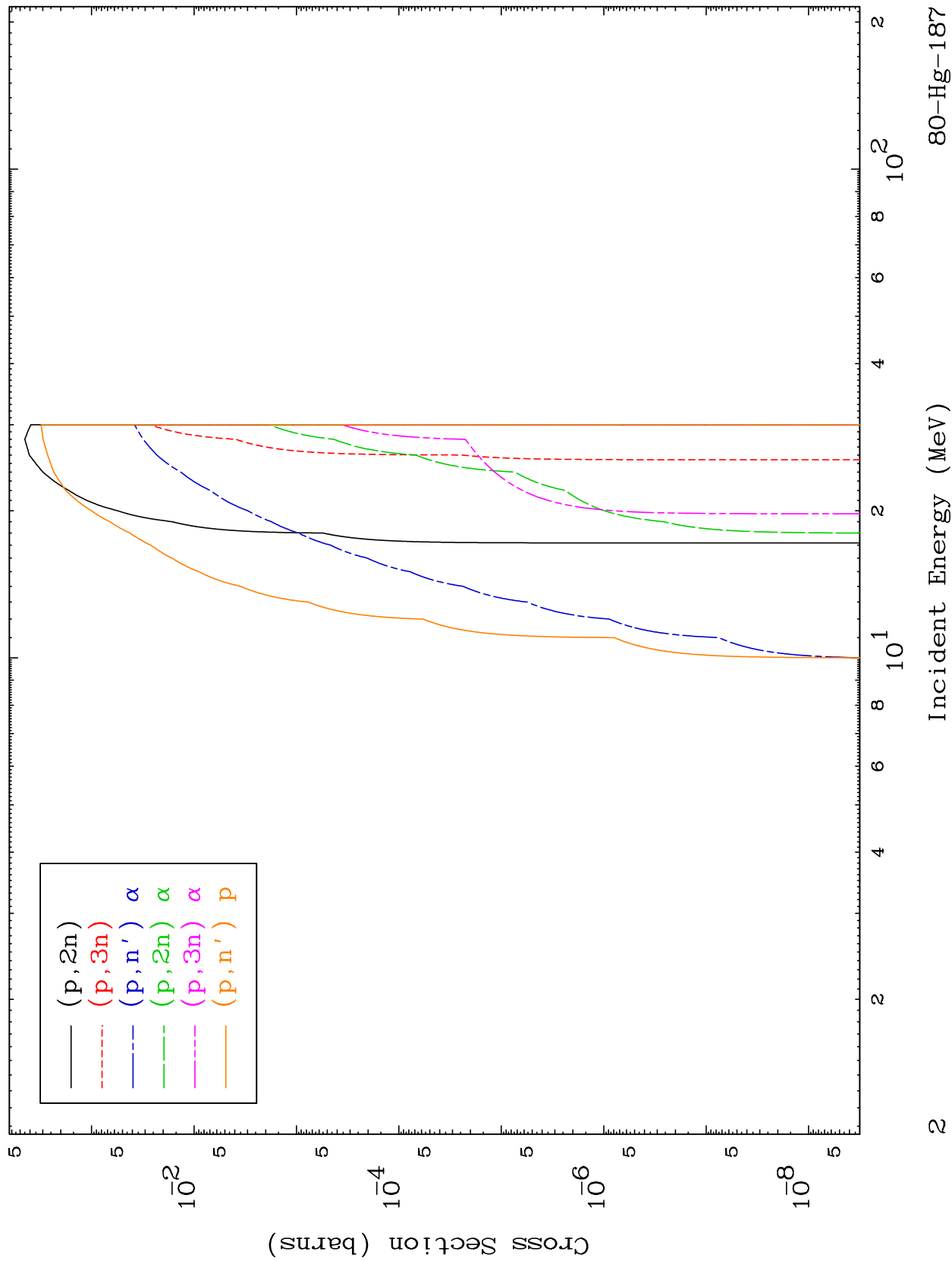
E.Mail: redcullen1@comcast.net

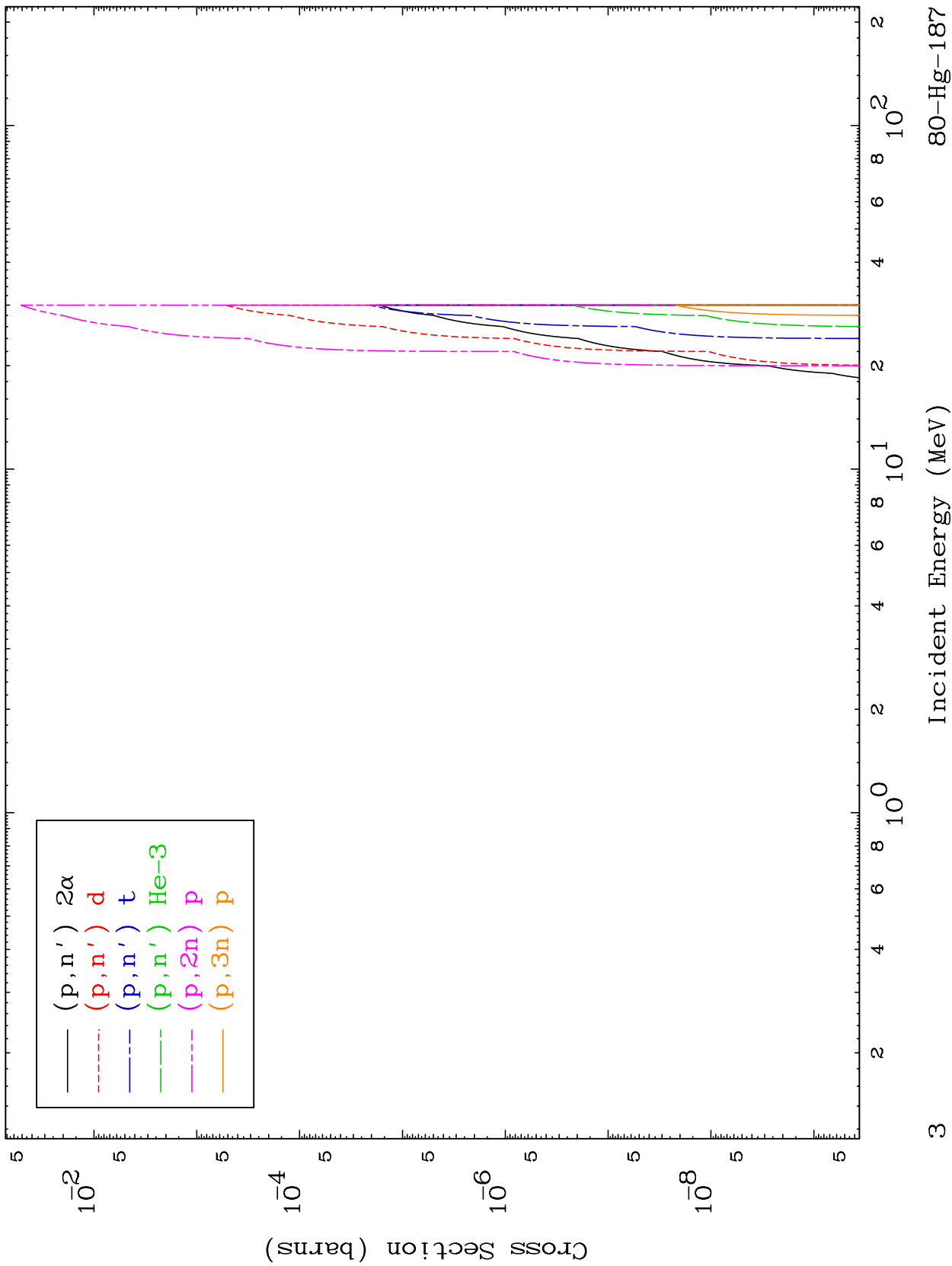
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections



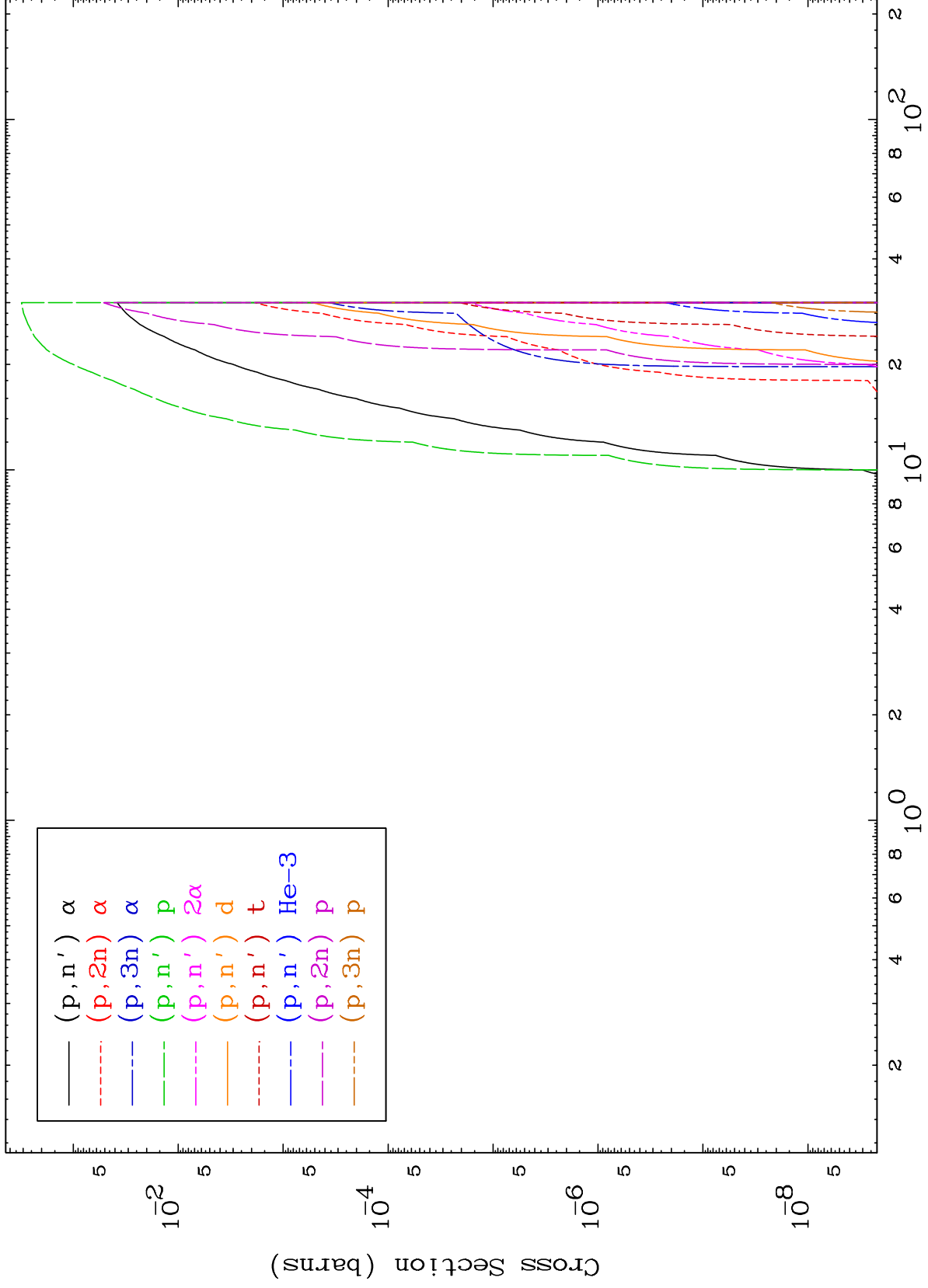




MAT 7998

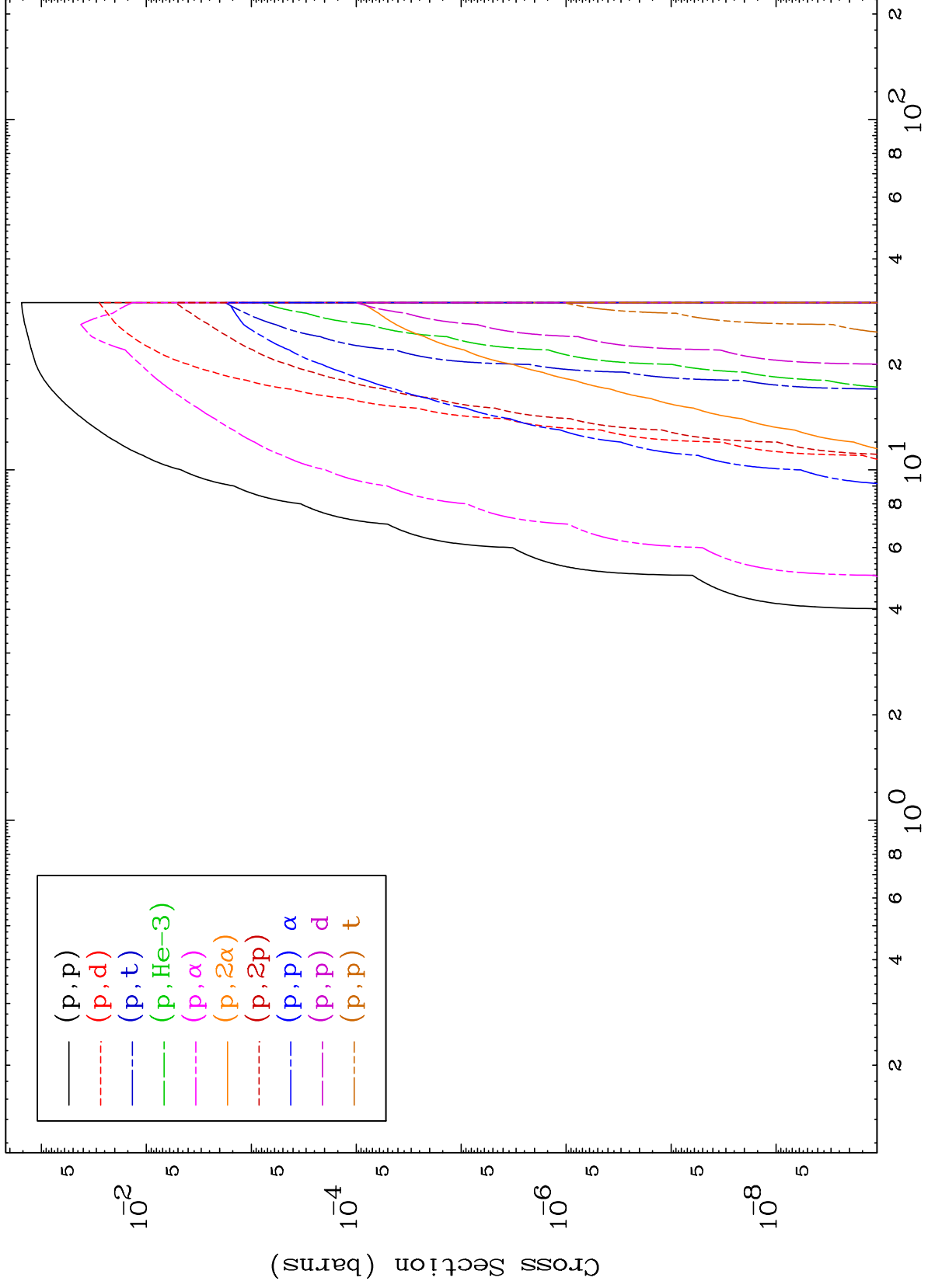
Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-187



Incident Energy (MeV)

80-Hg-187

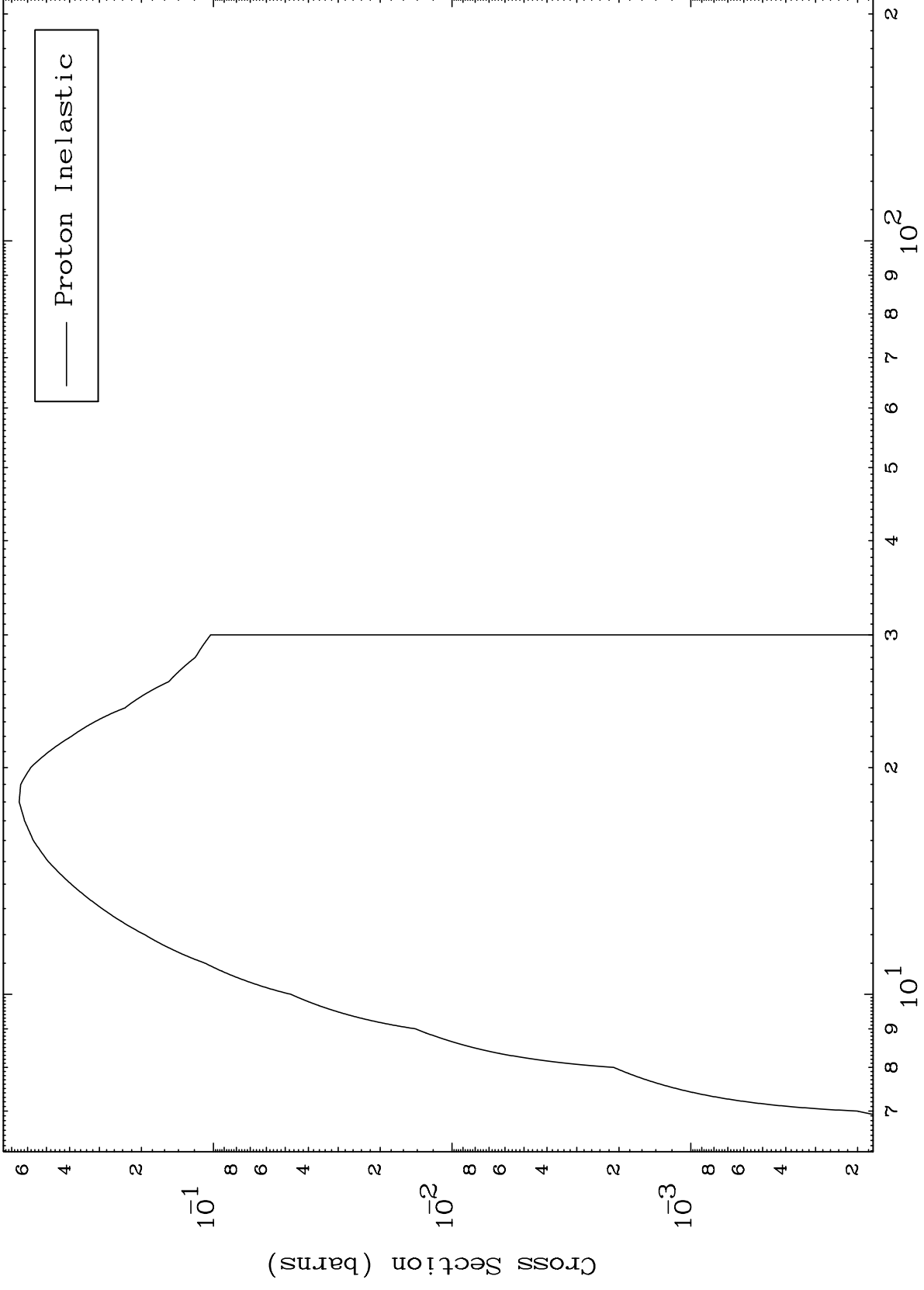


MAT 7998

(p,n') Level

80-Hg-187

0 Kelvin Cross Sections



6

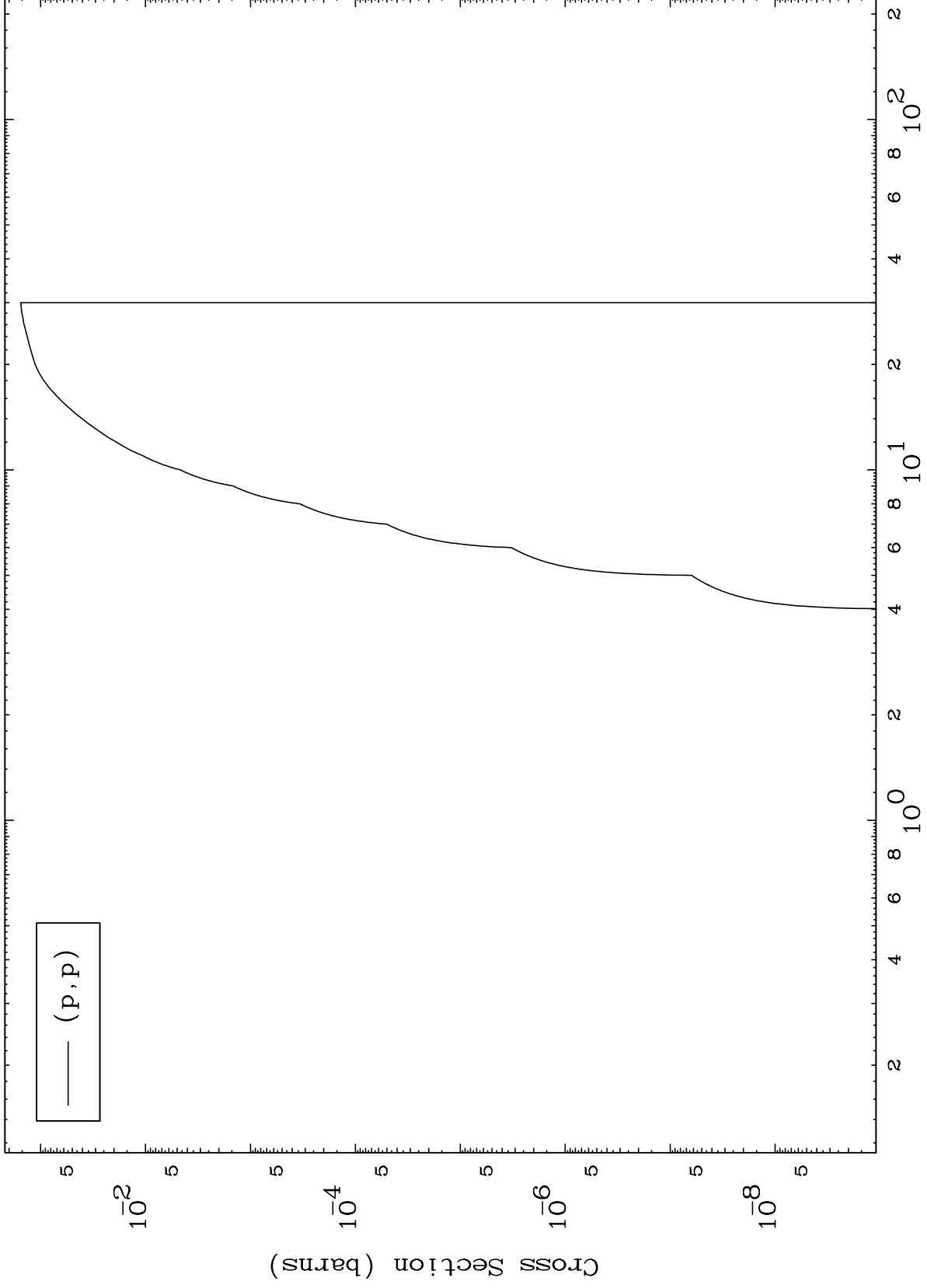
Incident Energy (MeV)

80-Hg-187

MAT 7998

(p,p) Levels
0 Kelvin Cross Sections

80-Hg-187



7

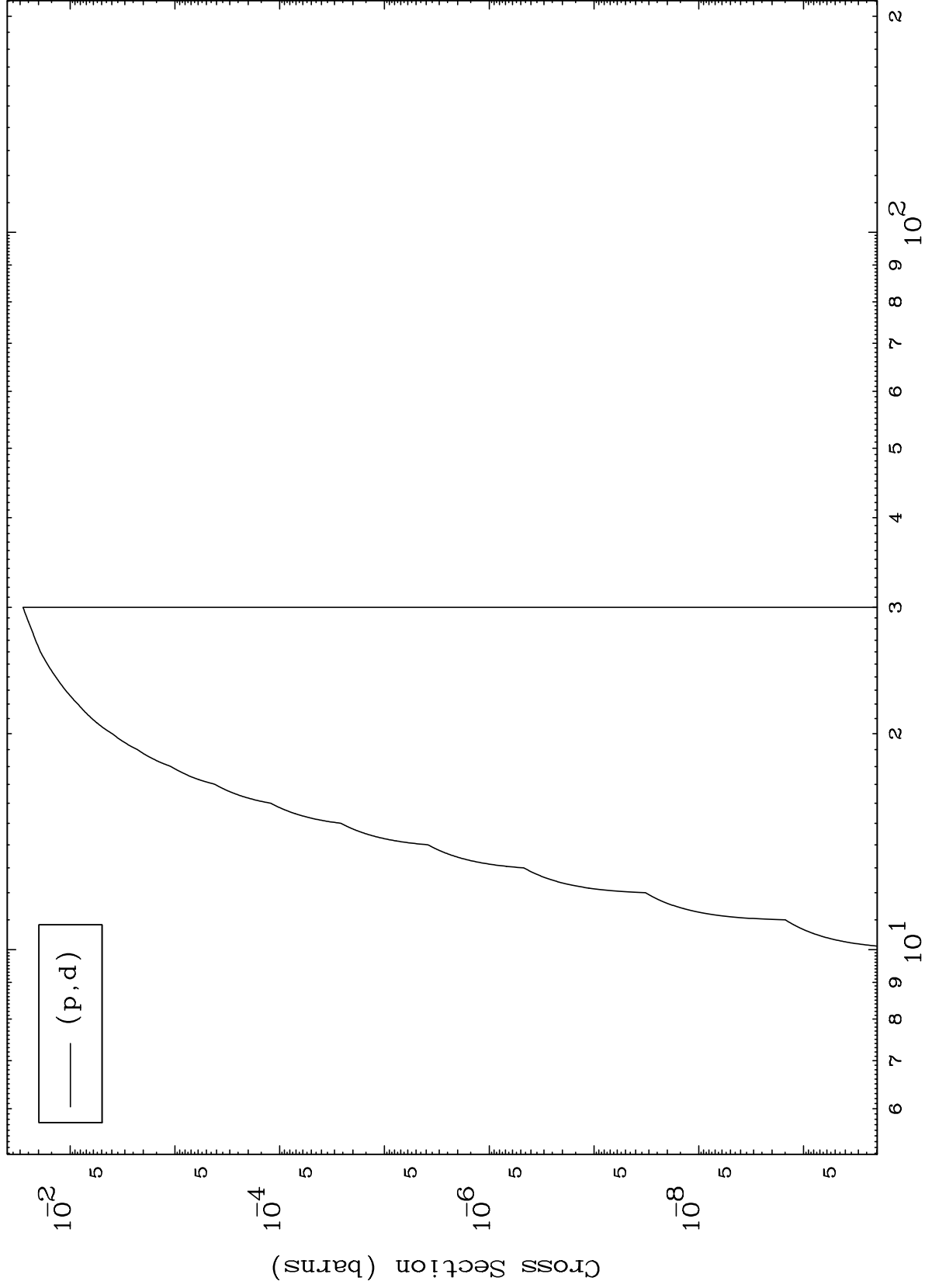
Incident Energy (MeV)

80-Hg-187

MAT 7998

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-187



8

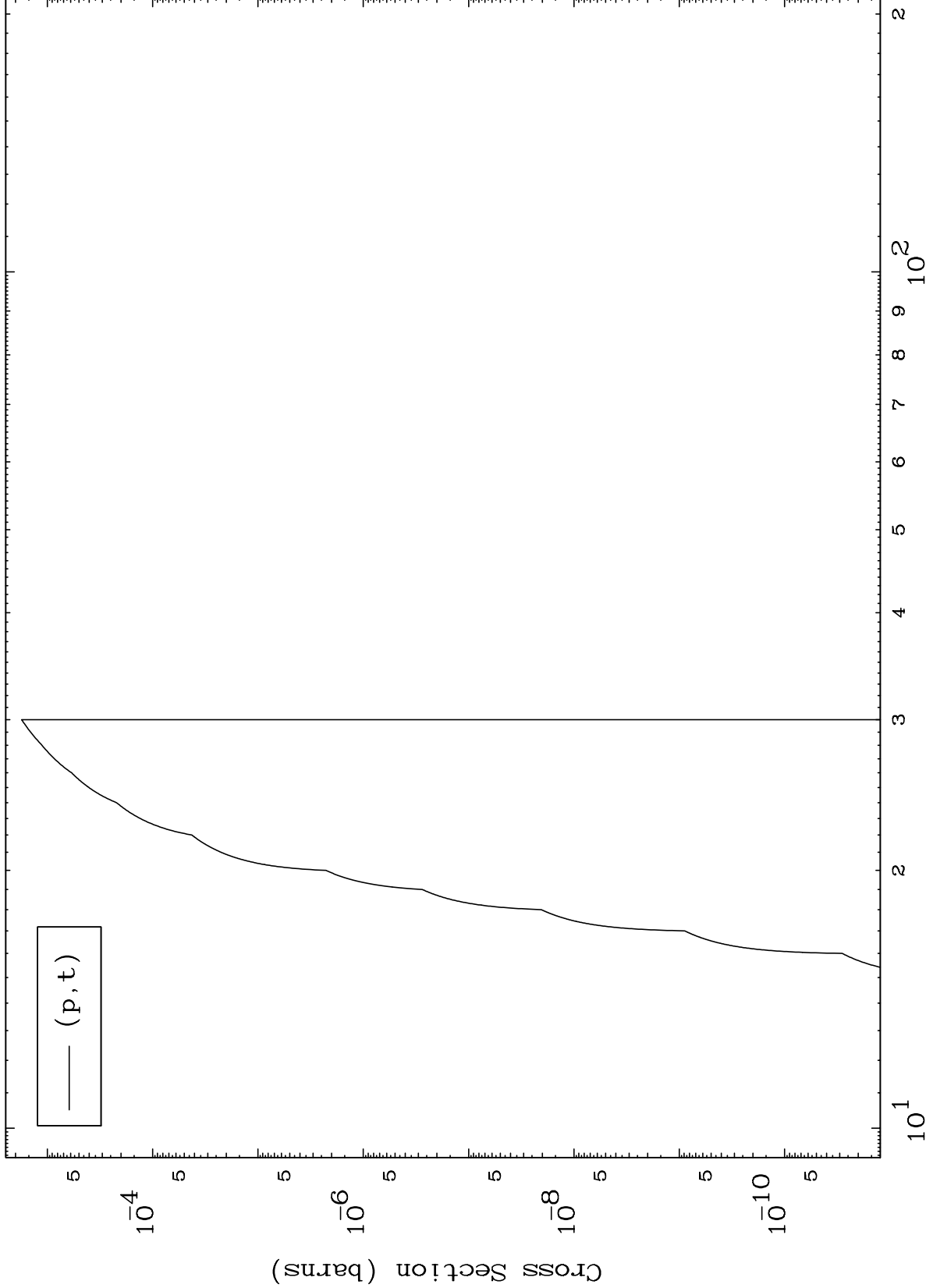
Incident Energy (MeV)

80-Hg-187

MAT 7998

(p,t) Levels
0 Kelvin Cross Sections

80-Hg-187



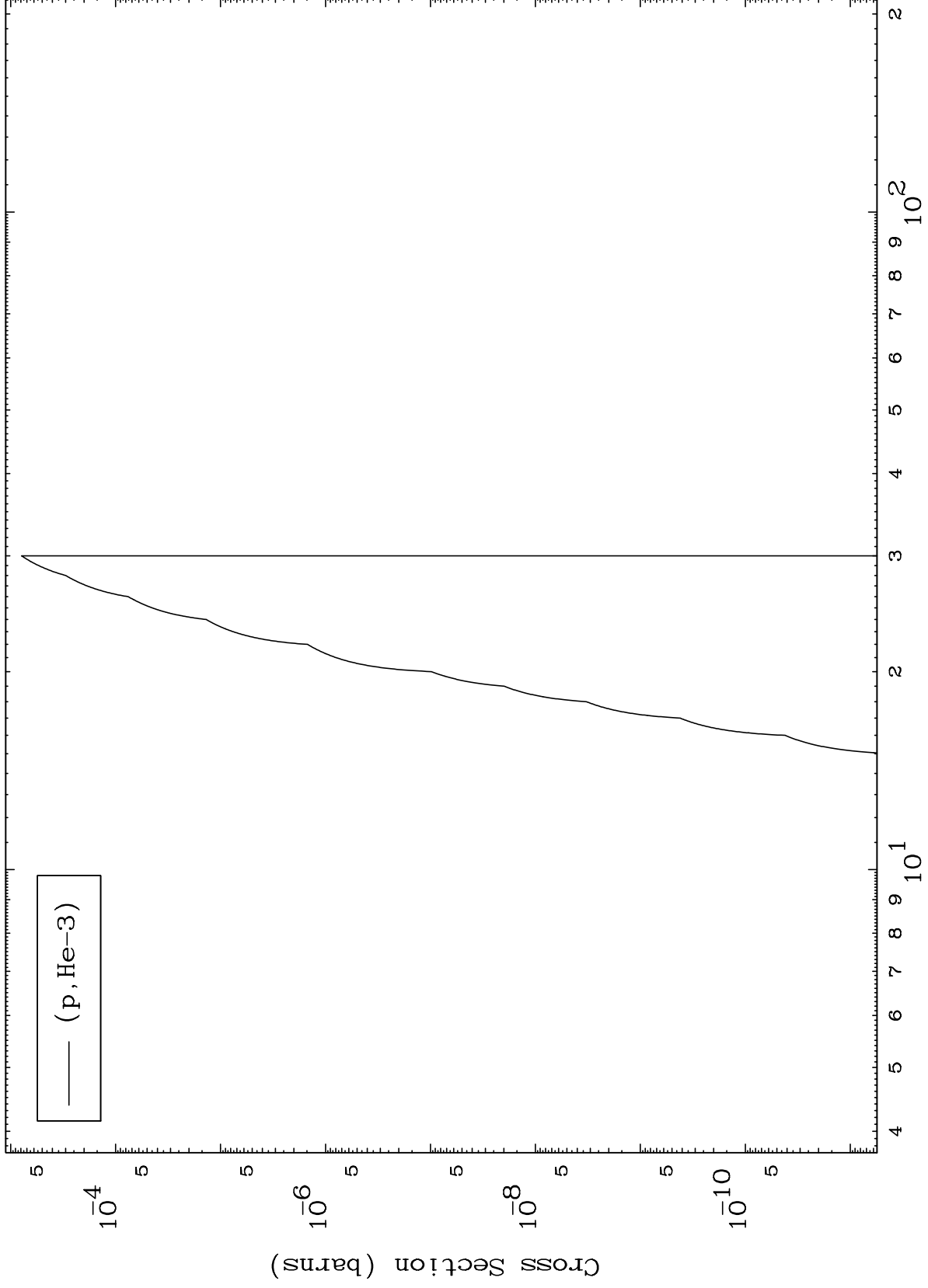
Incident Energy (MeV)

80-Hg-187

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(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-187



10

Incident Energy (MeV)

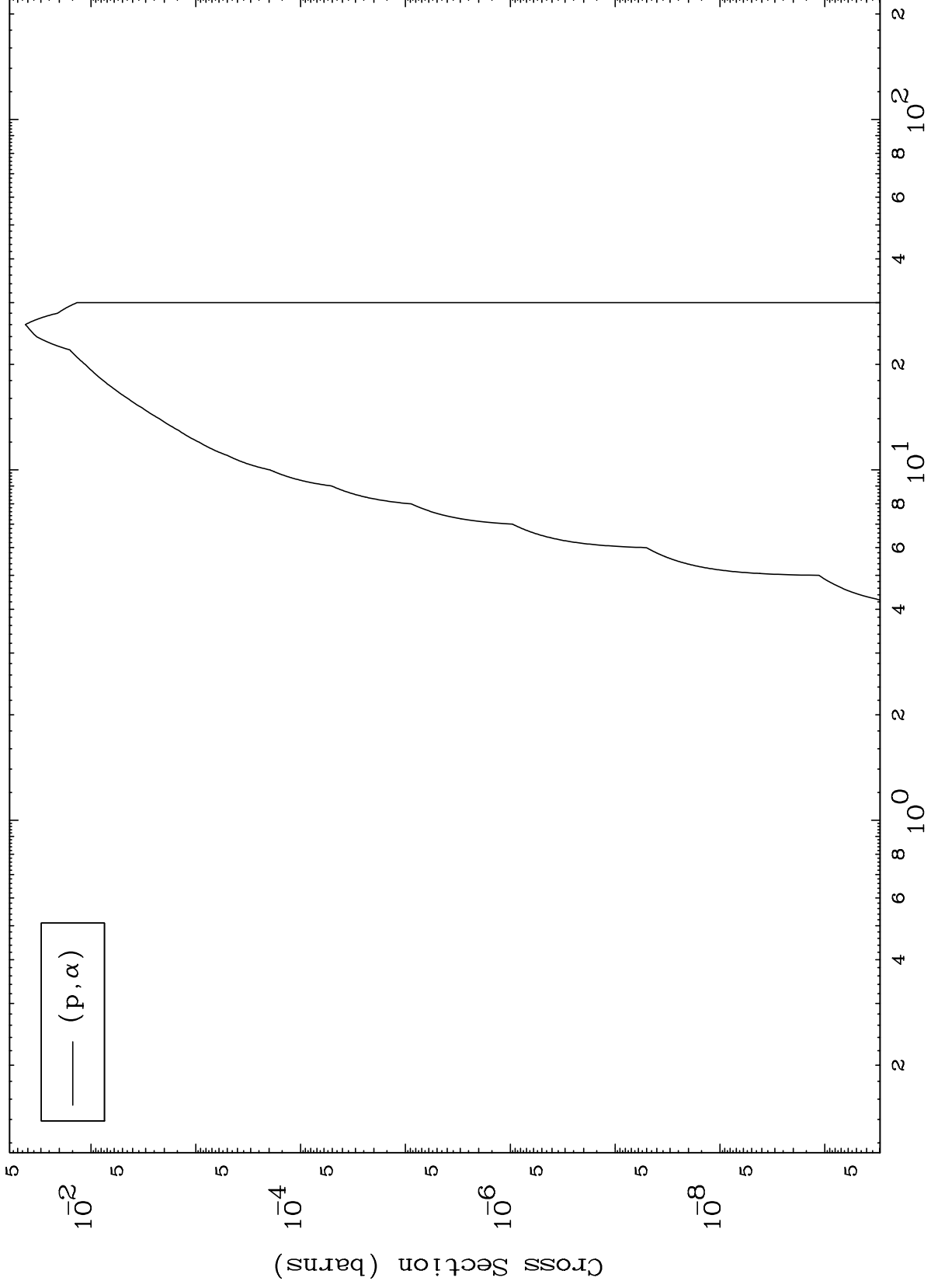
80-Hg-187

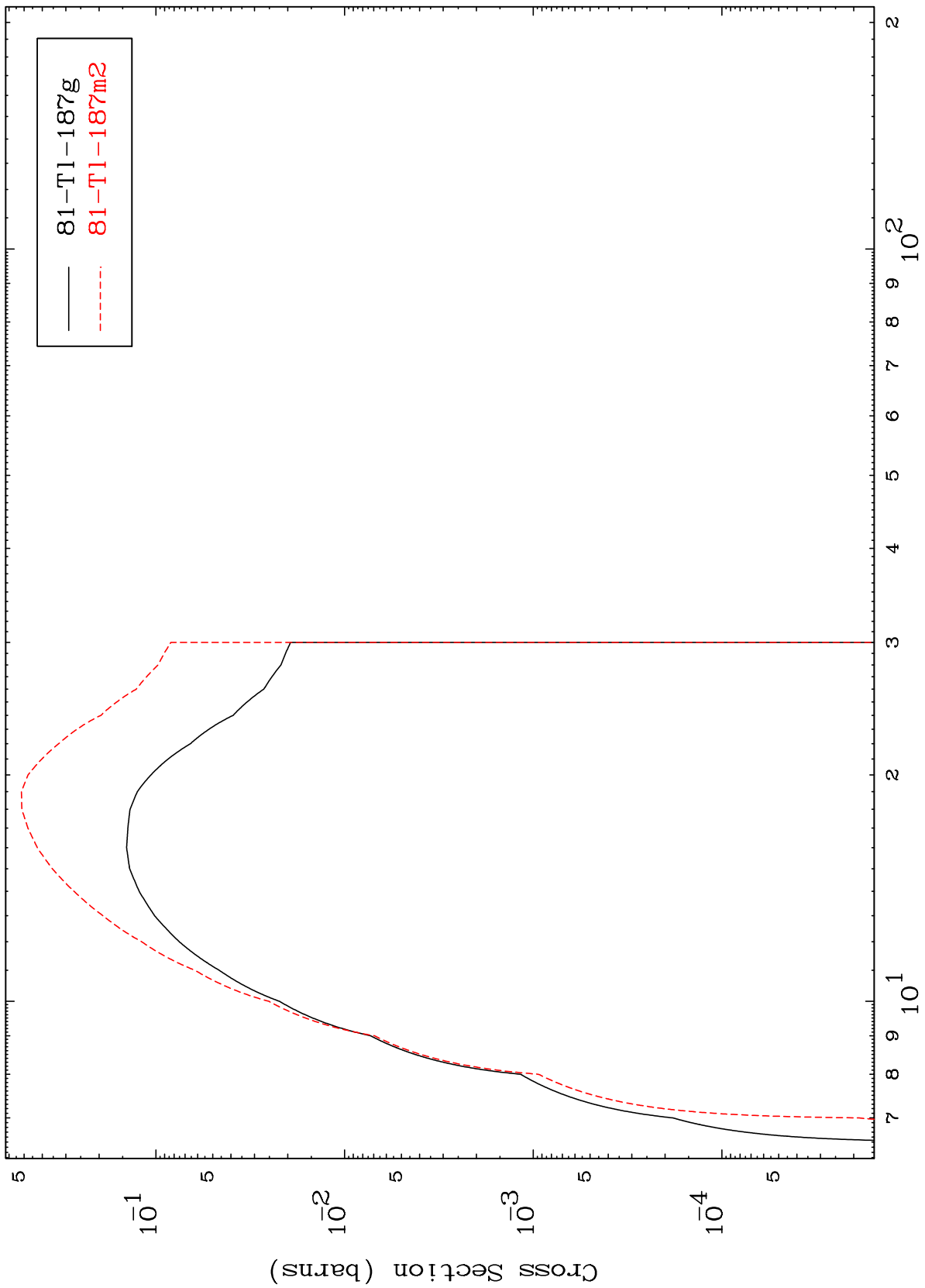
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(p, α) Levels

80-Hg-187

0 Kelvin Cross Sections





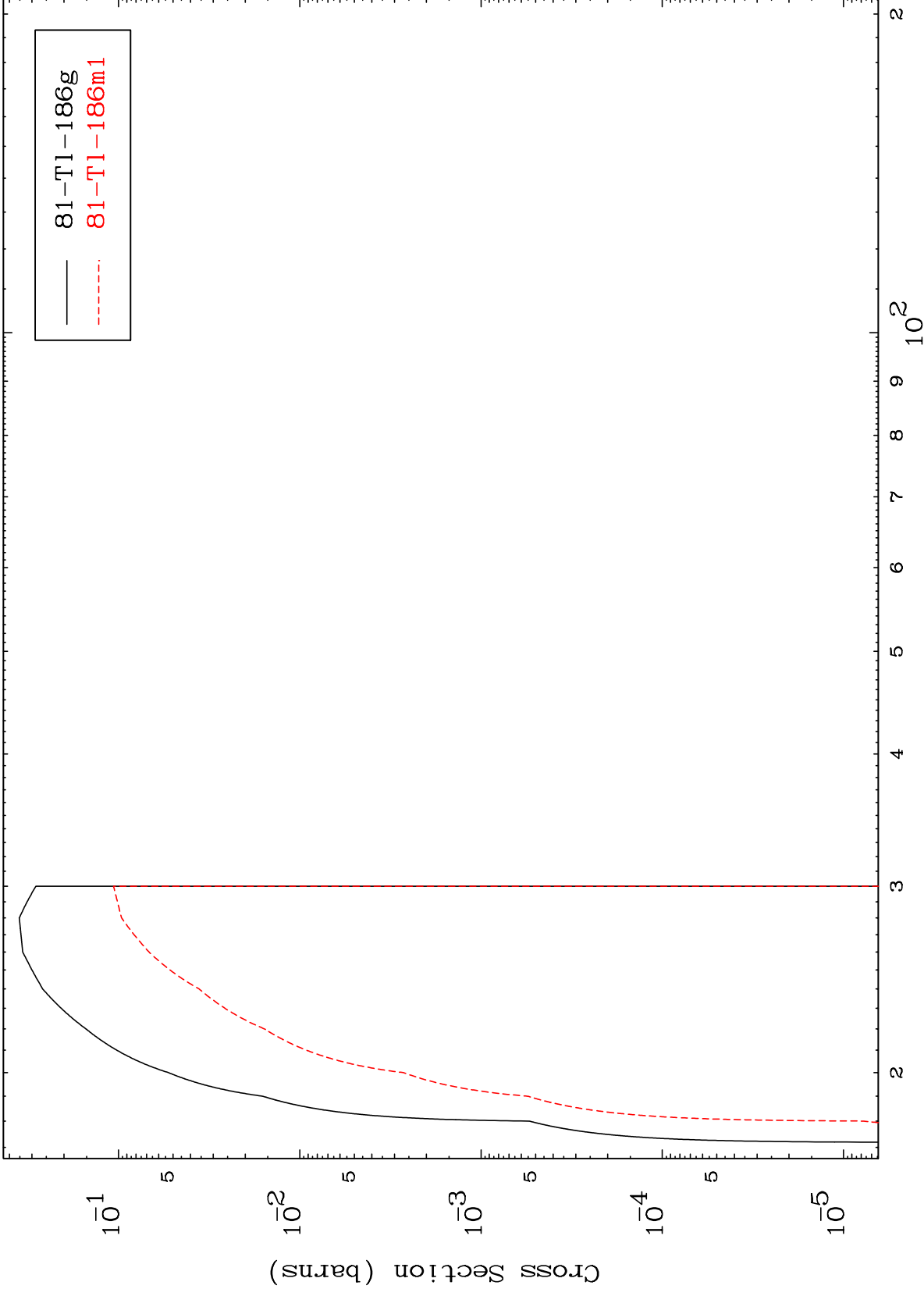
81-Tl-187g
81-Tl-187m2

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(p,2n)

80-Hg-187

Radionuclide Production Cross Section



13

Incident Energy (MeV)

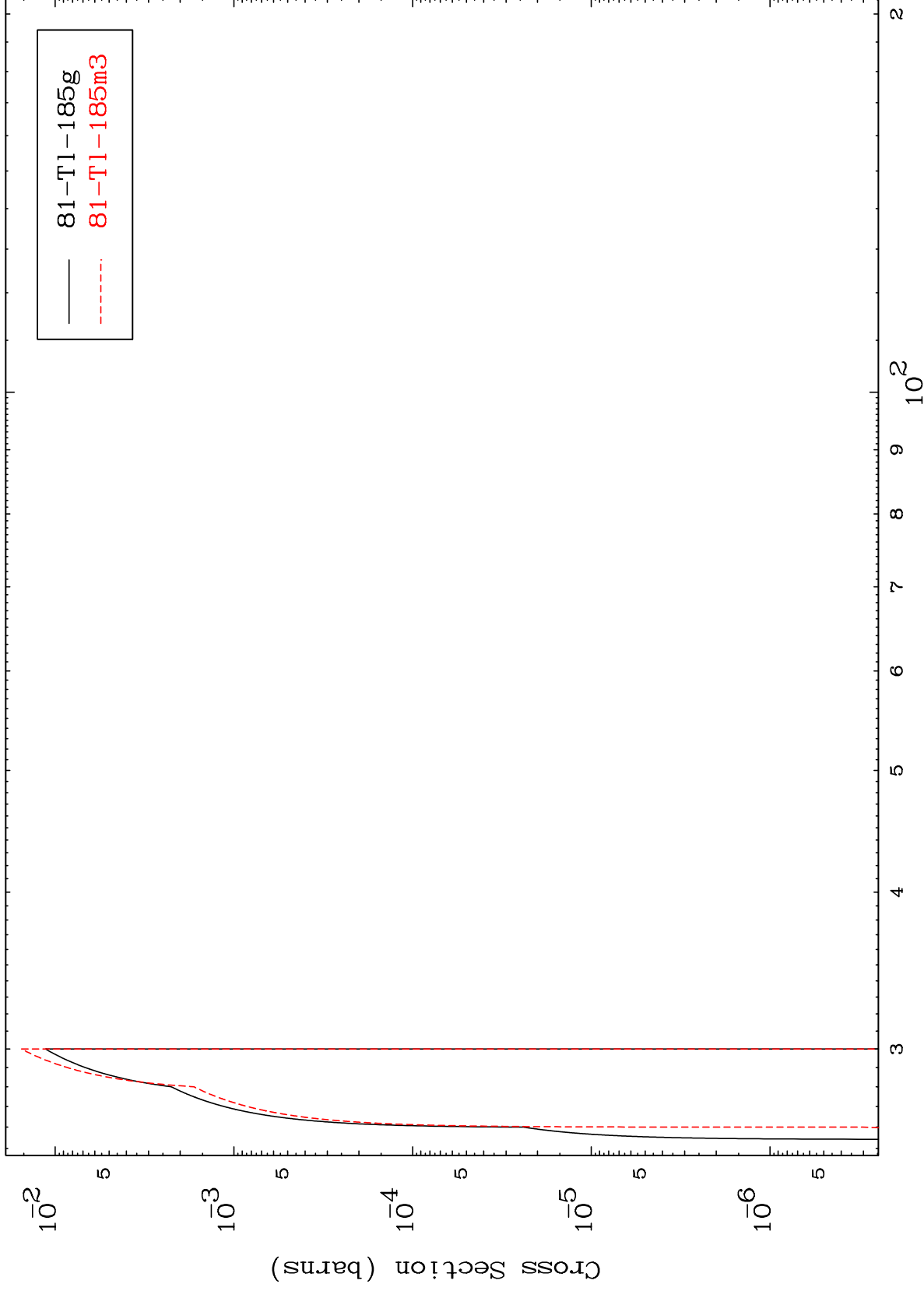
80-Hg-187

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(p,3n)

80-Hg-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

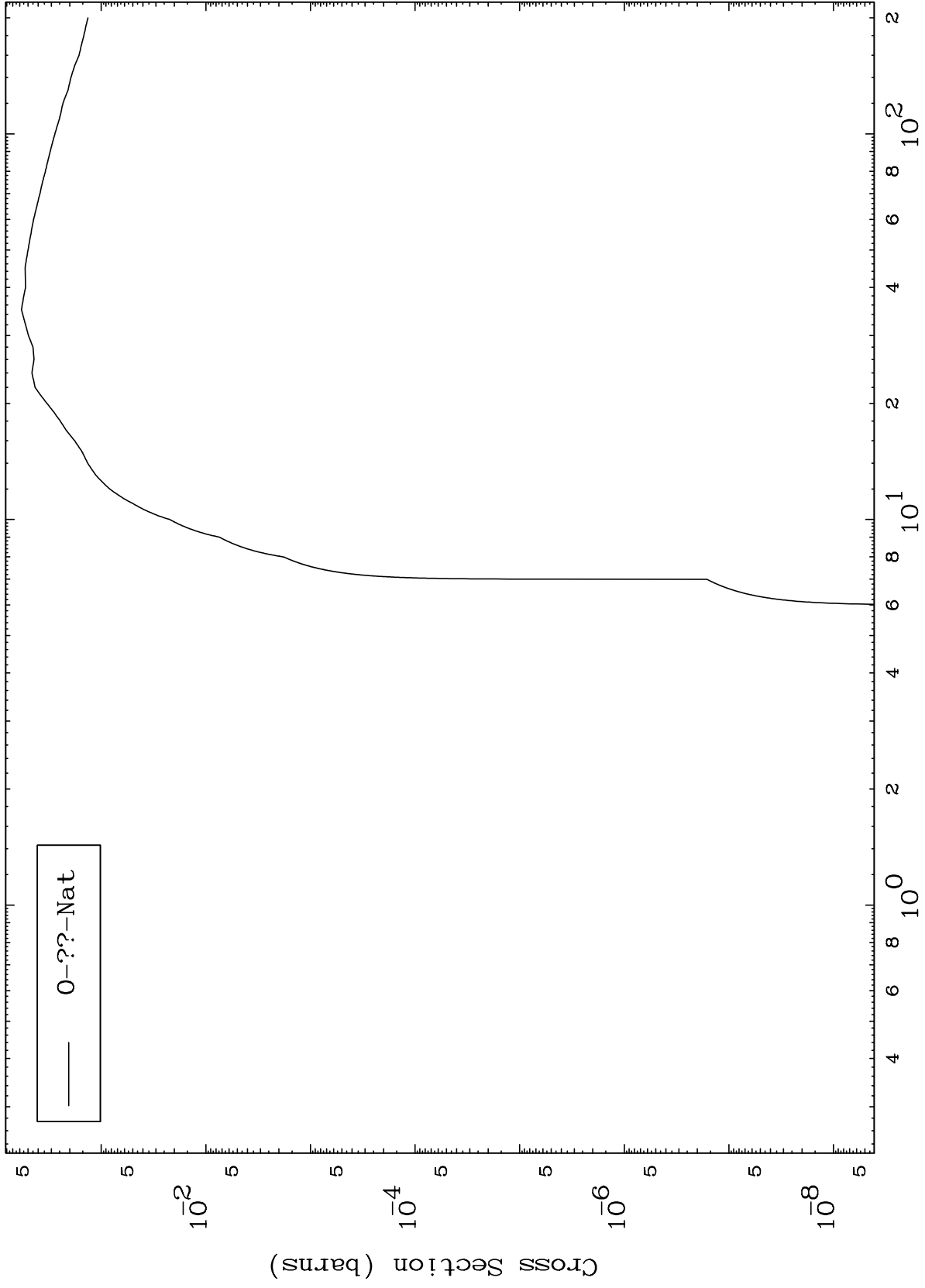
80-Hg-187

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Proton Fission

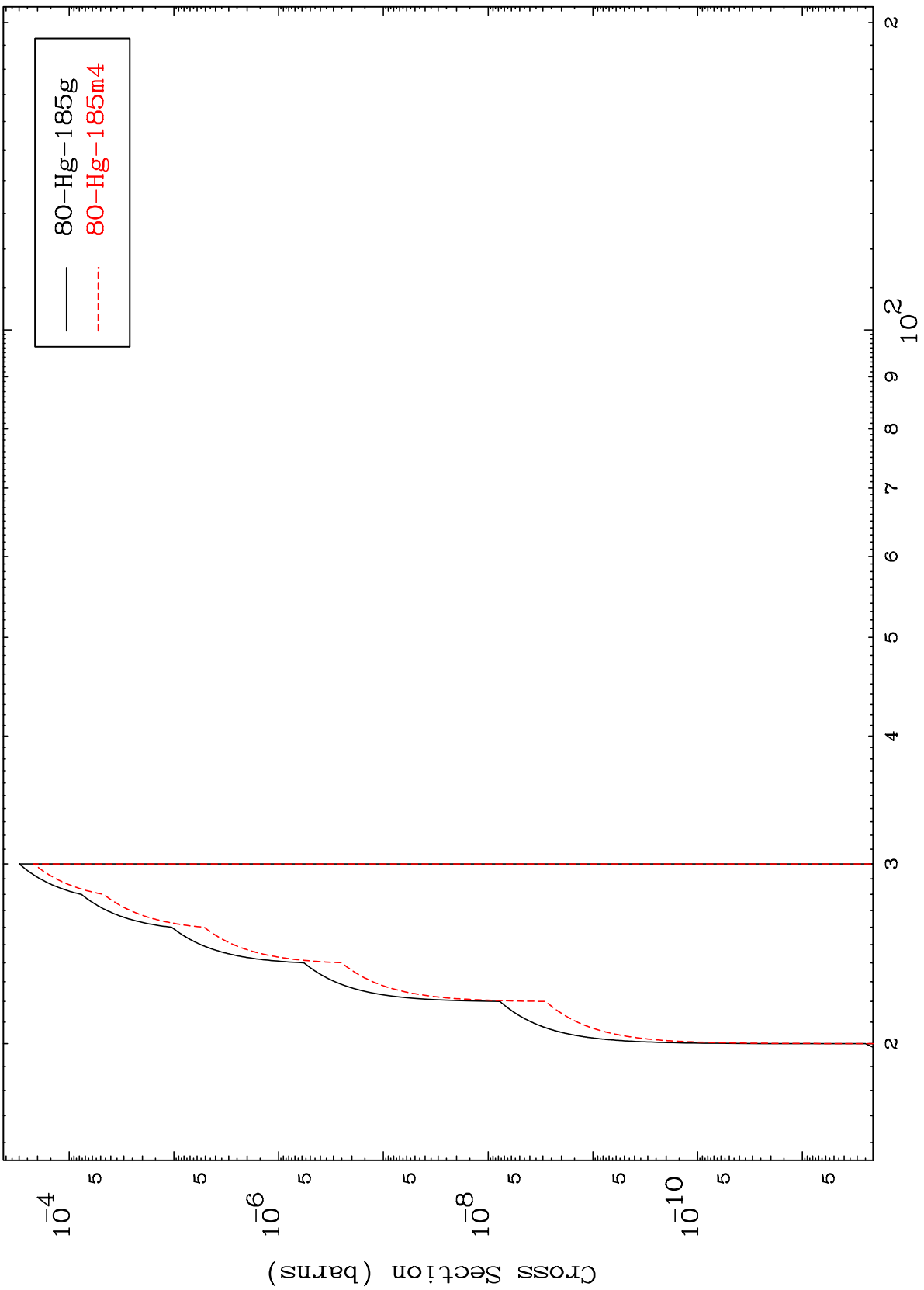
80-Hg-187

Radionuclide Production Cross Section

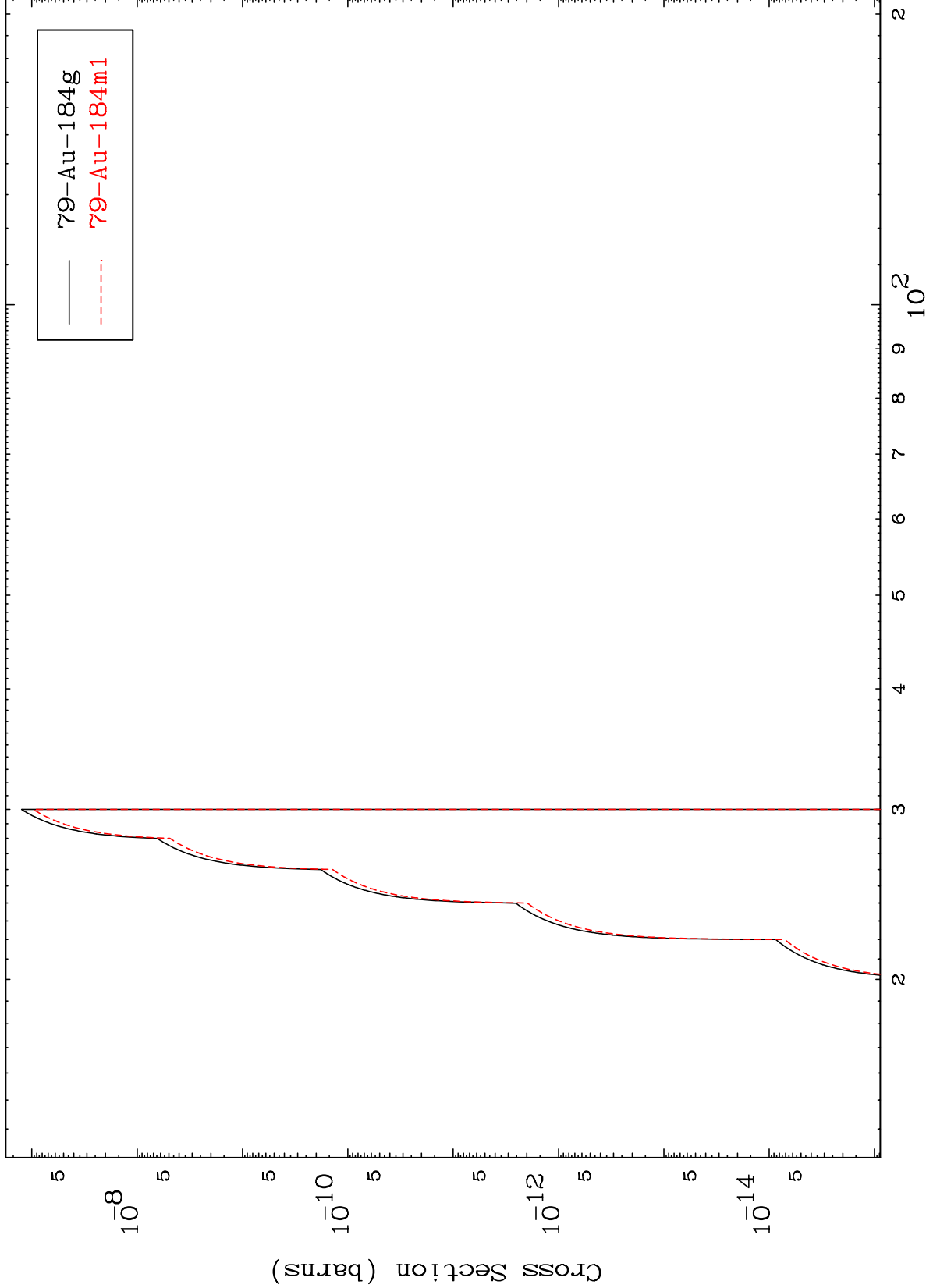


0-??-Nat

(p,n) d
Radionuclide Production Cross Section



Radionuclide Production Cross Section

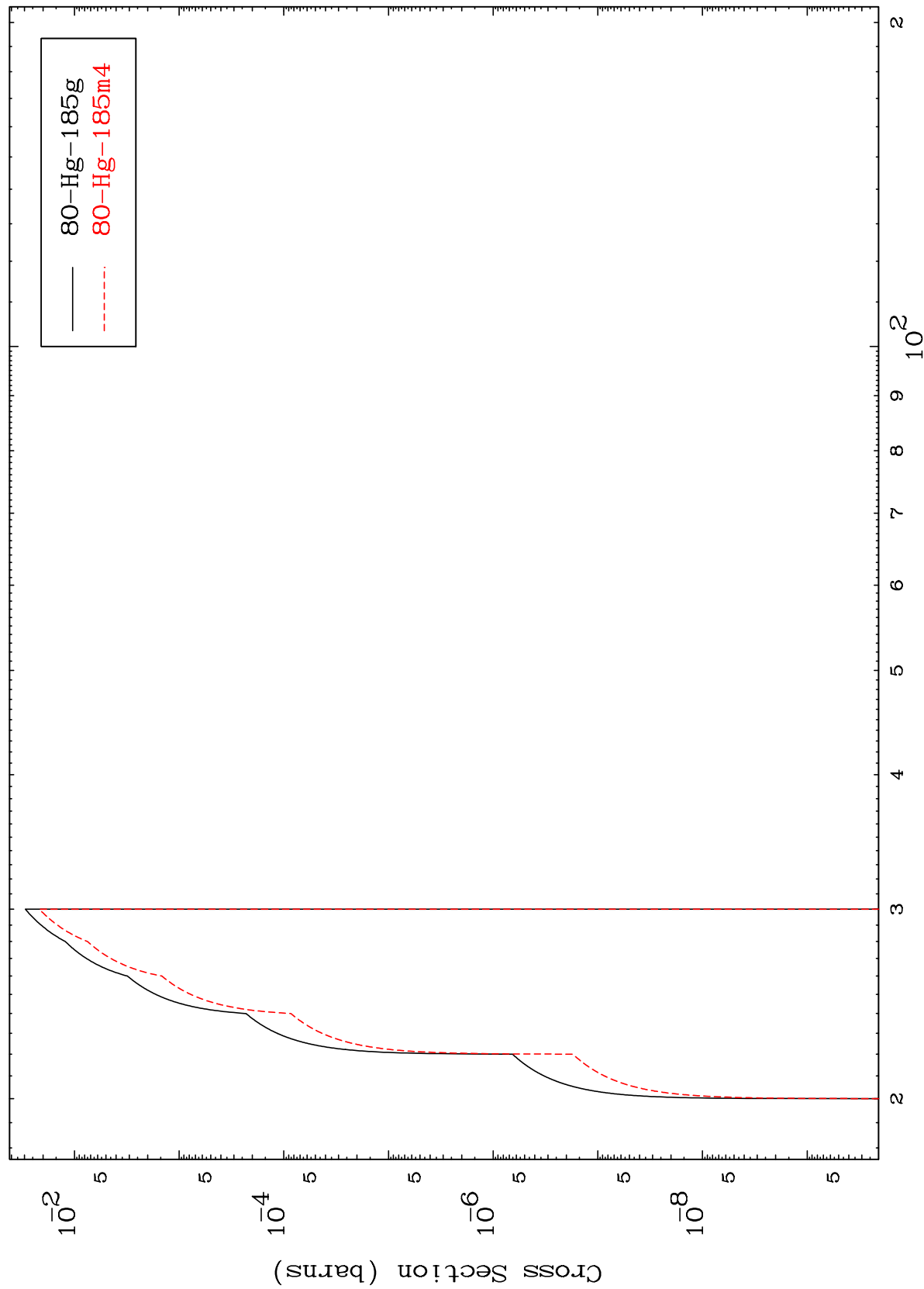


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(p,2n) p

80-Hg-187

Radionuclide Production Cross Section



18

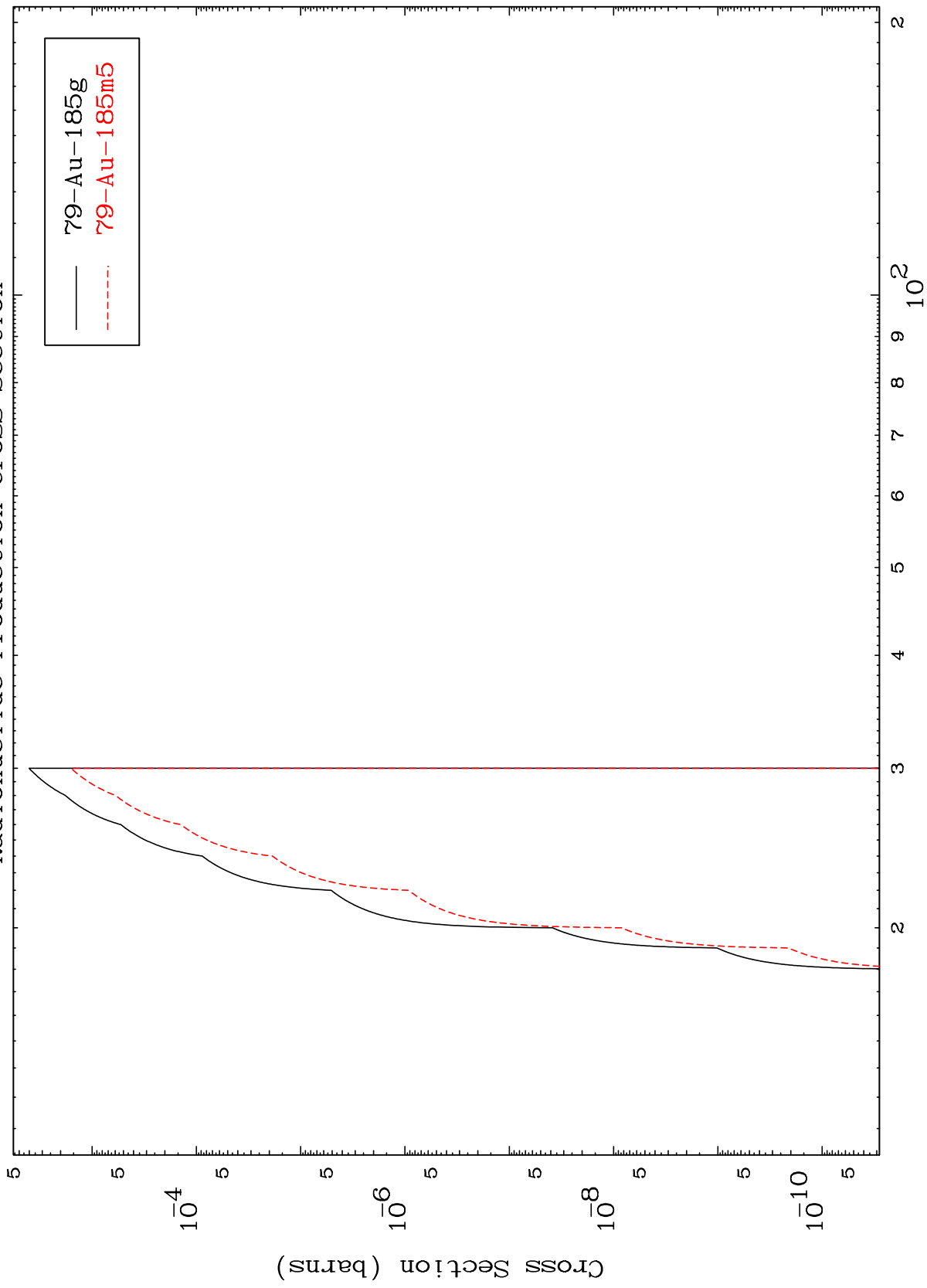
Incident Energy (MeV)

80-Hg-187

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80-Hg-187

(p,2n) p
Radionuclide Production Cross Section



19

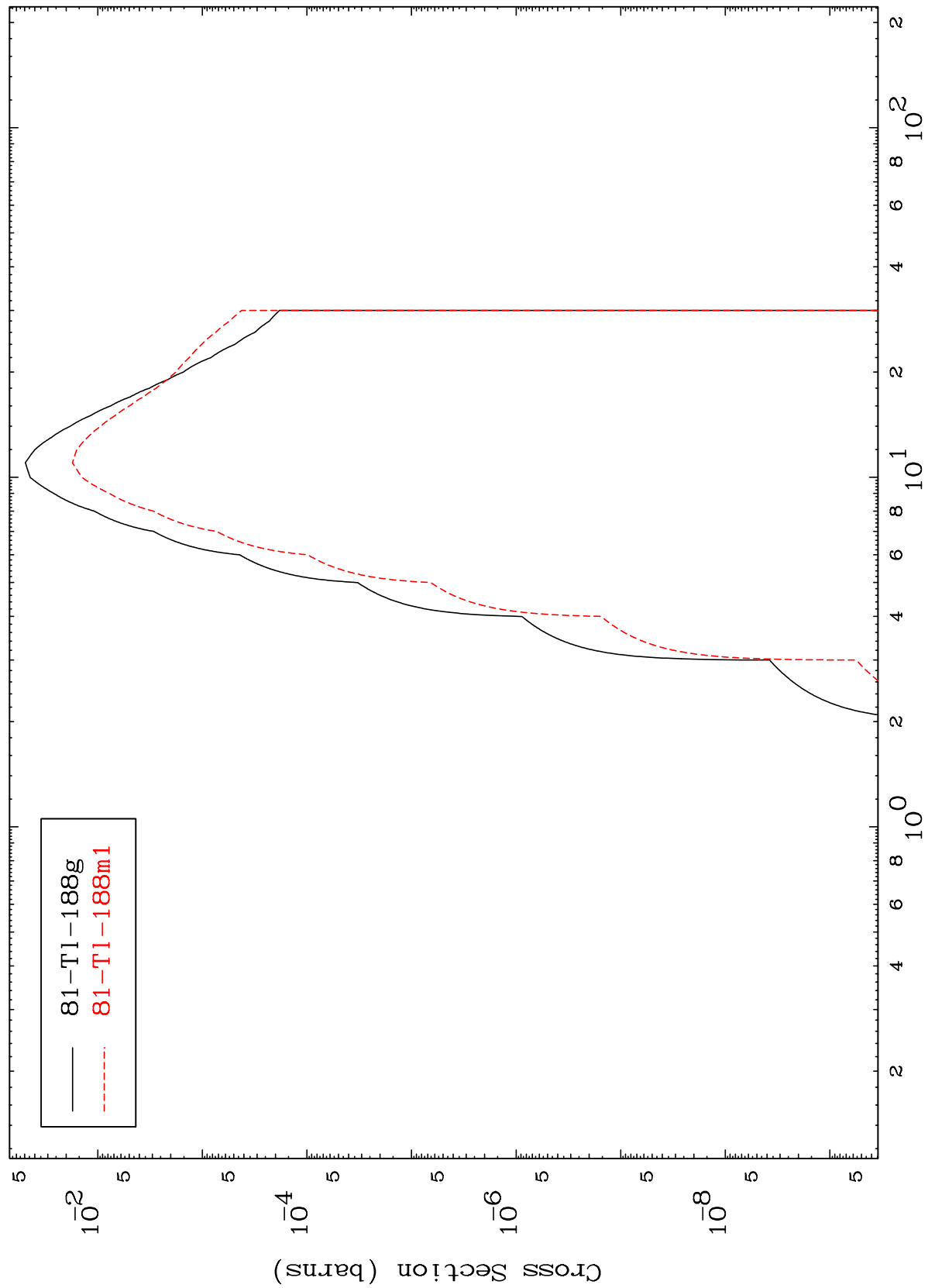
Incident Energy (MeV)

80-Hg-187

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80-Hg-187

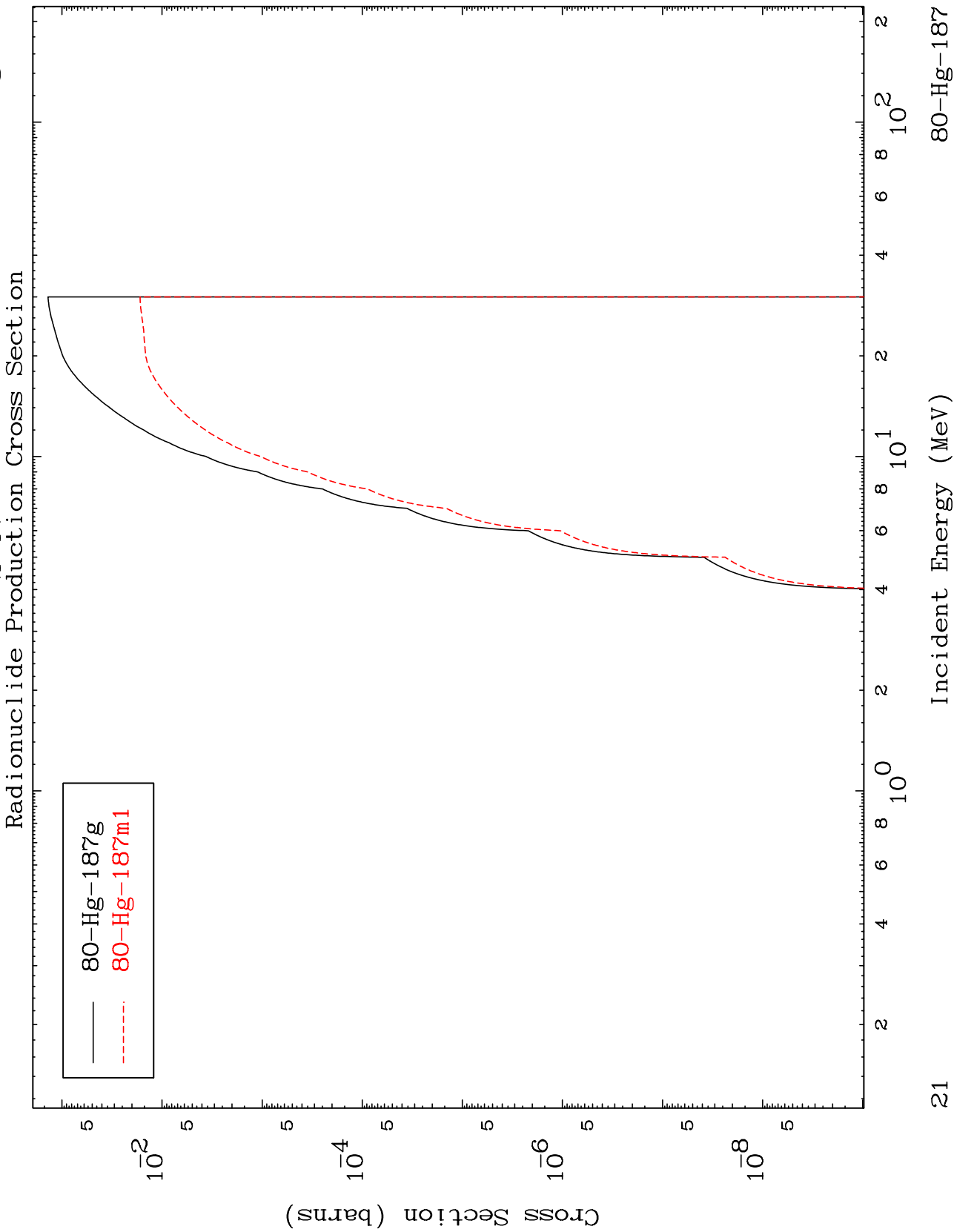
(p, γ)
Radionuclide Production Cross Section



— 81-Tl-188g
- - - 81-Tl-188m1

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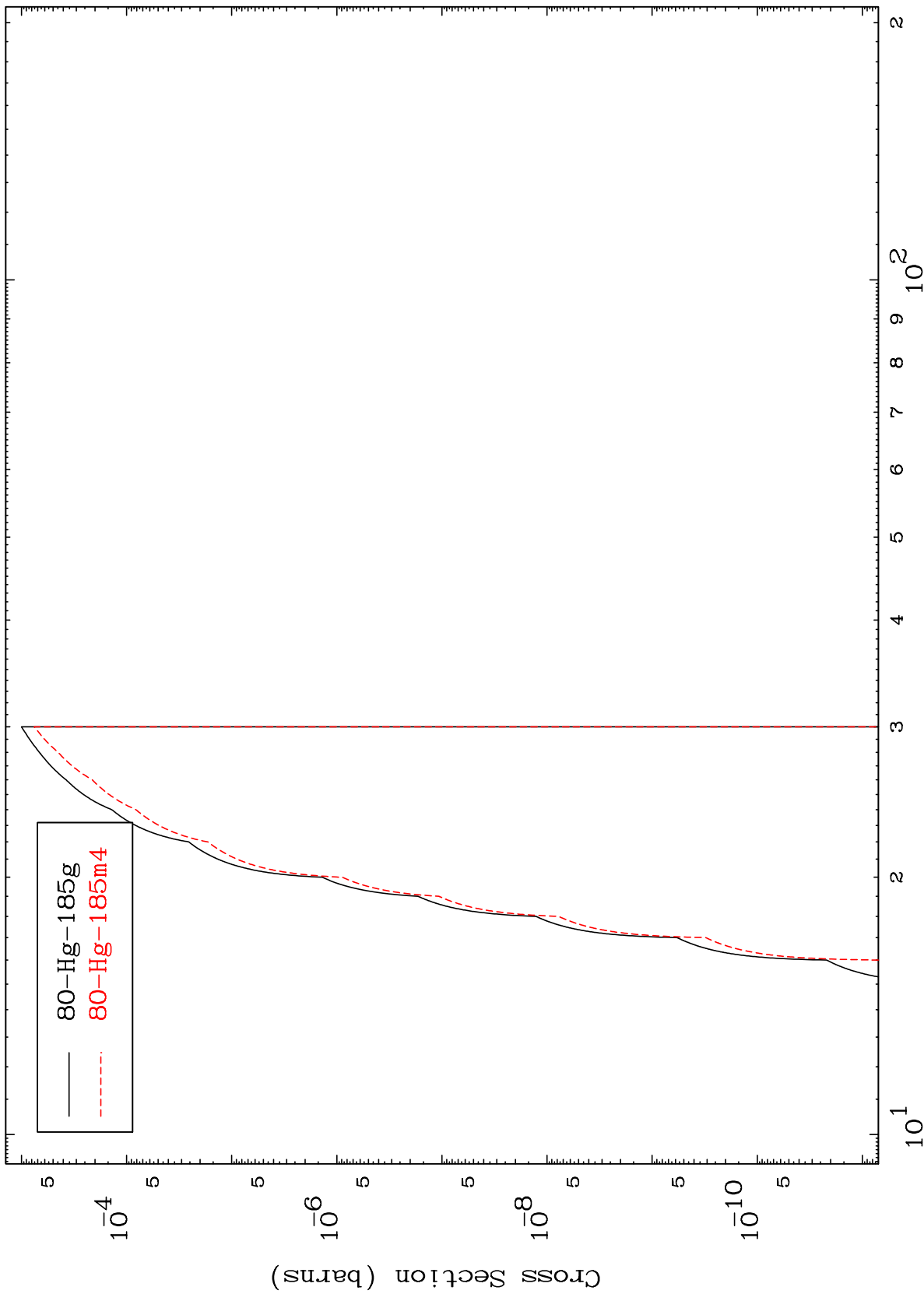
80-Hg-187



MAT 7998

80-Hg-187

Radionuclide Production Cross Section
(p, t)



Incident Energy (MeV)

80-Hg-187

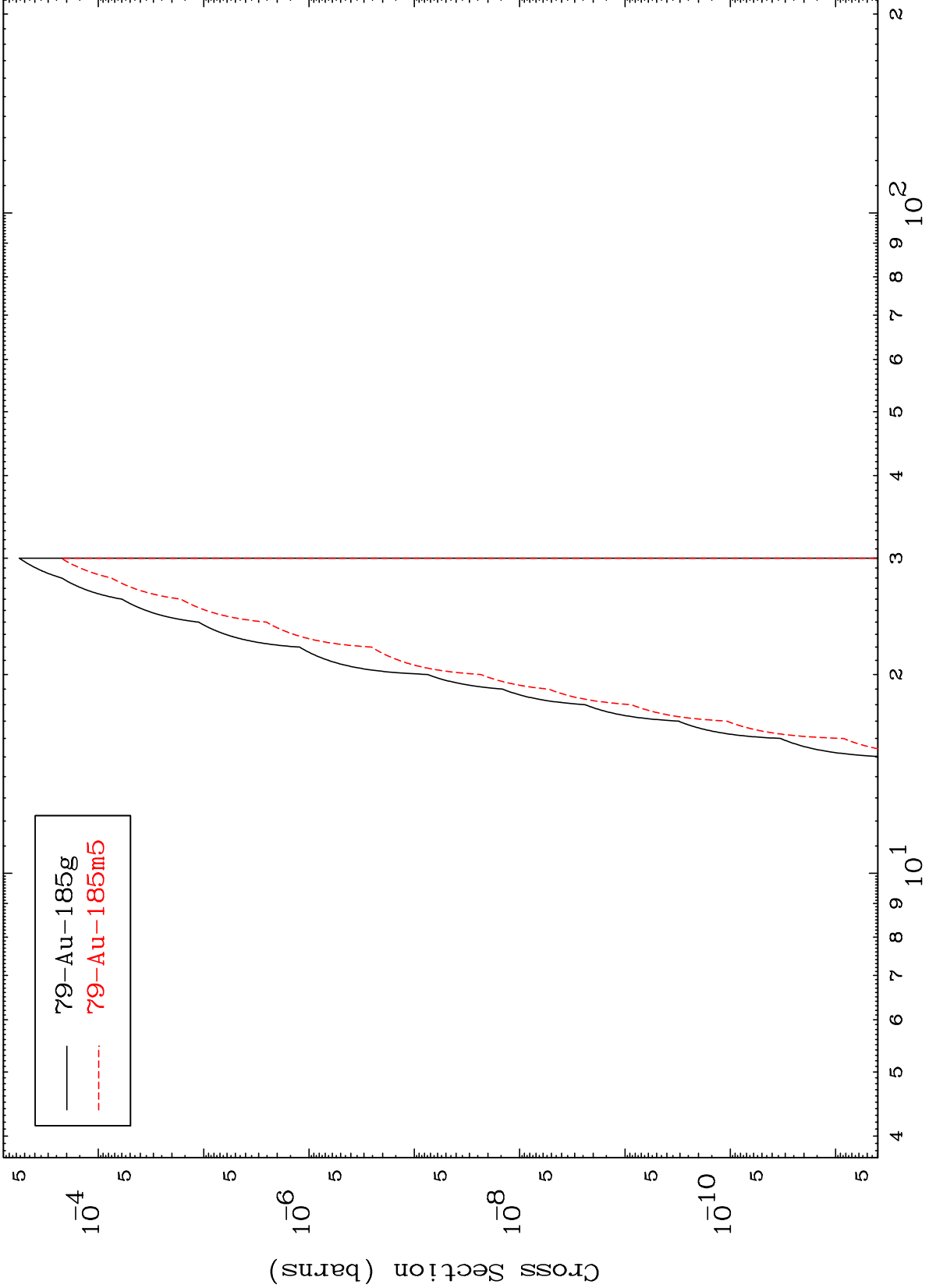
22

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(p,He-3)

80-Hg-187

Radionuclide Production Cross Section



79-Au-185g
79-Au-185m5

23

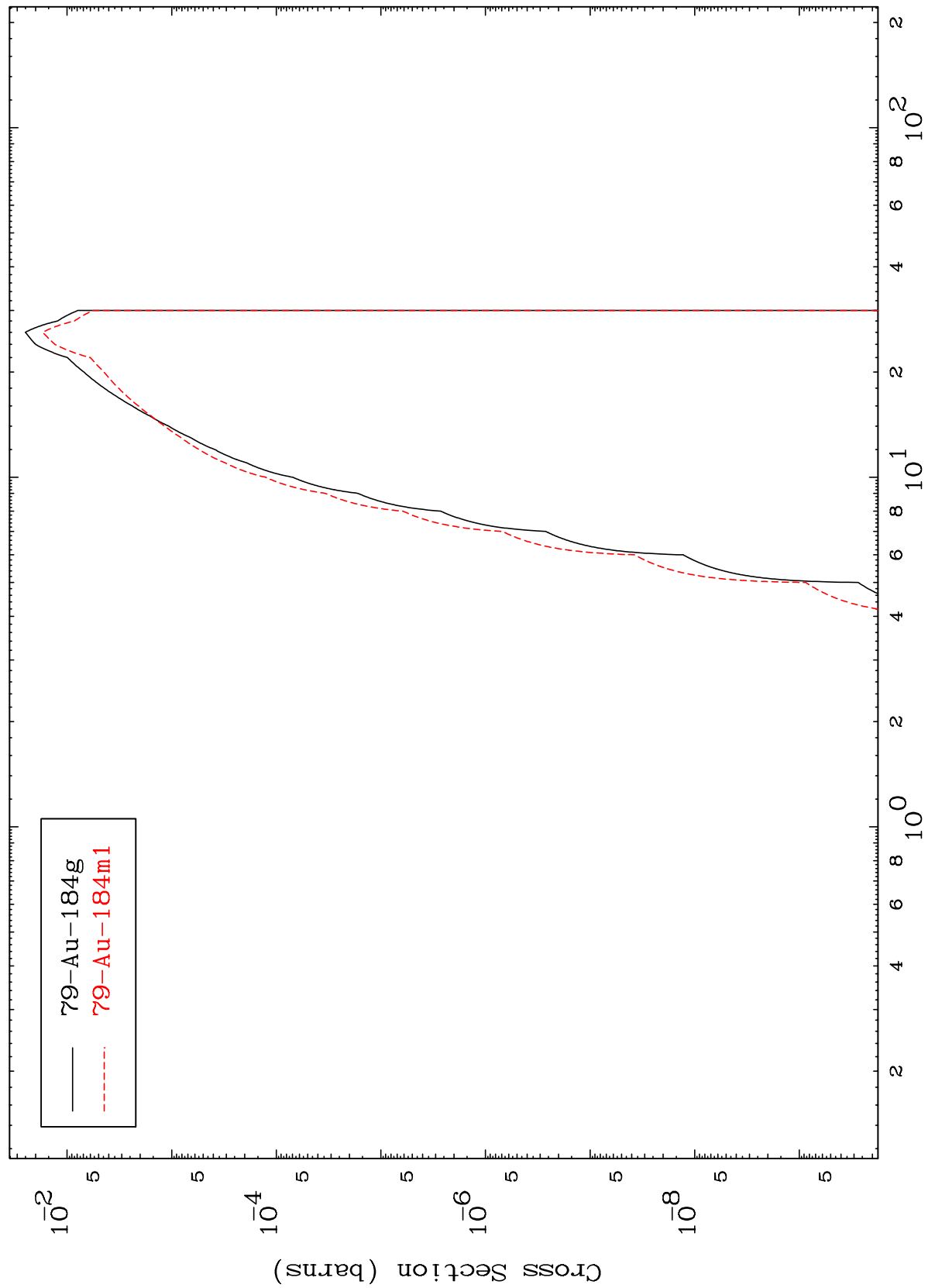
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

Radionuclide Production Cross Section
(p, α)



— 79-Au-184g
- - - 79-Au-184m1

80-Hg-187

Incident Energy (MeV)

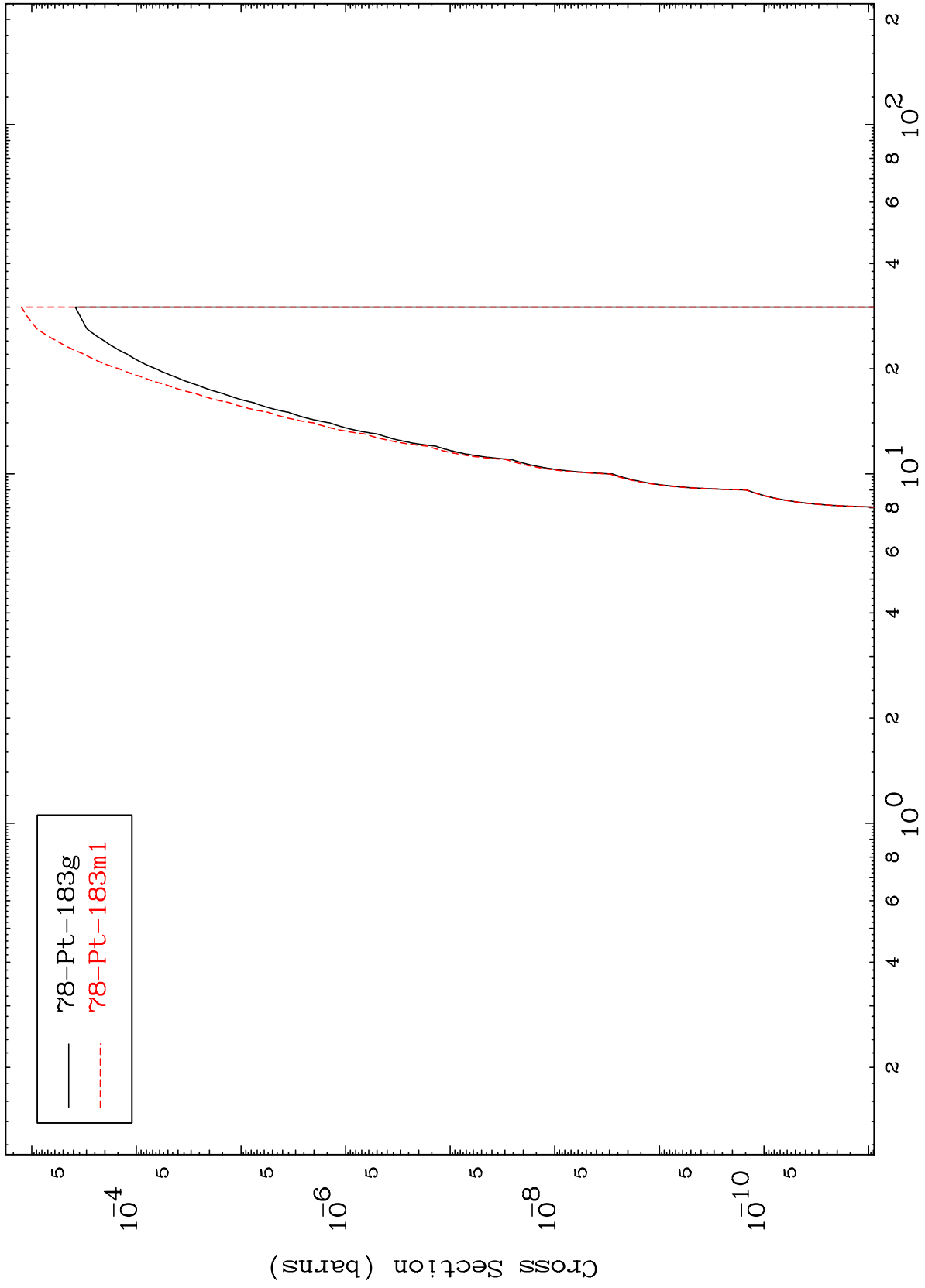
24

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(p,p) α

80-Hg-187

Radionuclide Production Cross Section



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

25

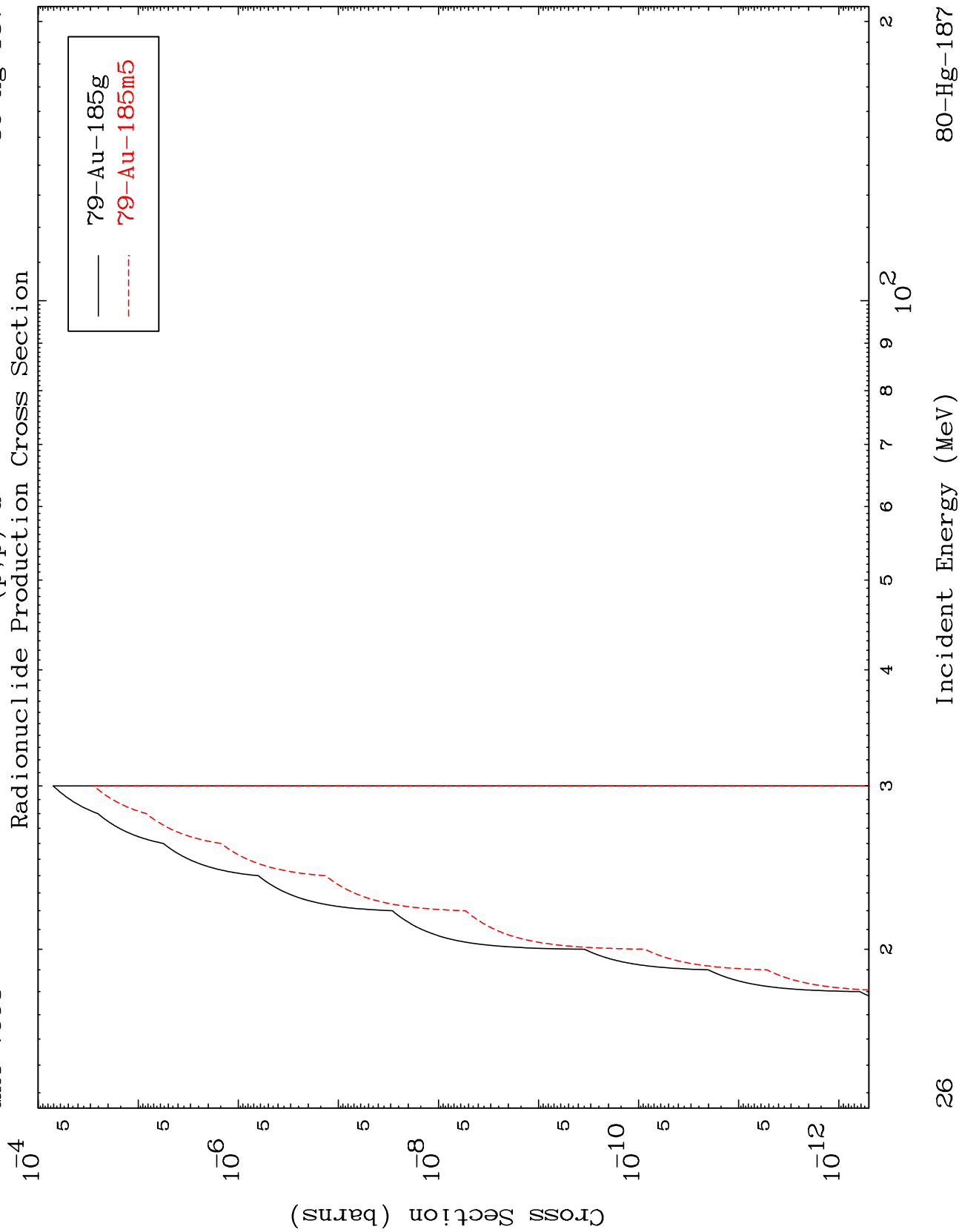
Incident Energy (MeV)

80-Hg-187

MAT 7998

(p,p) d

80-Hg-187



26

80-Hg-187

MAT 7998

(p,p) t

80-Hg-187

Radionuclide Production Cross Section

