

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

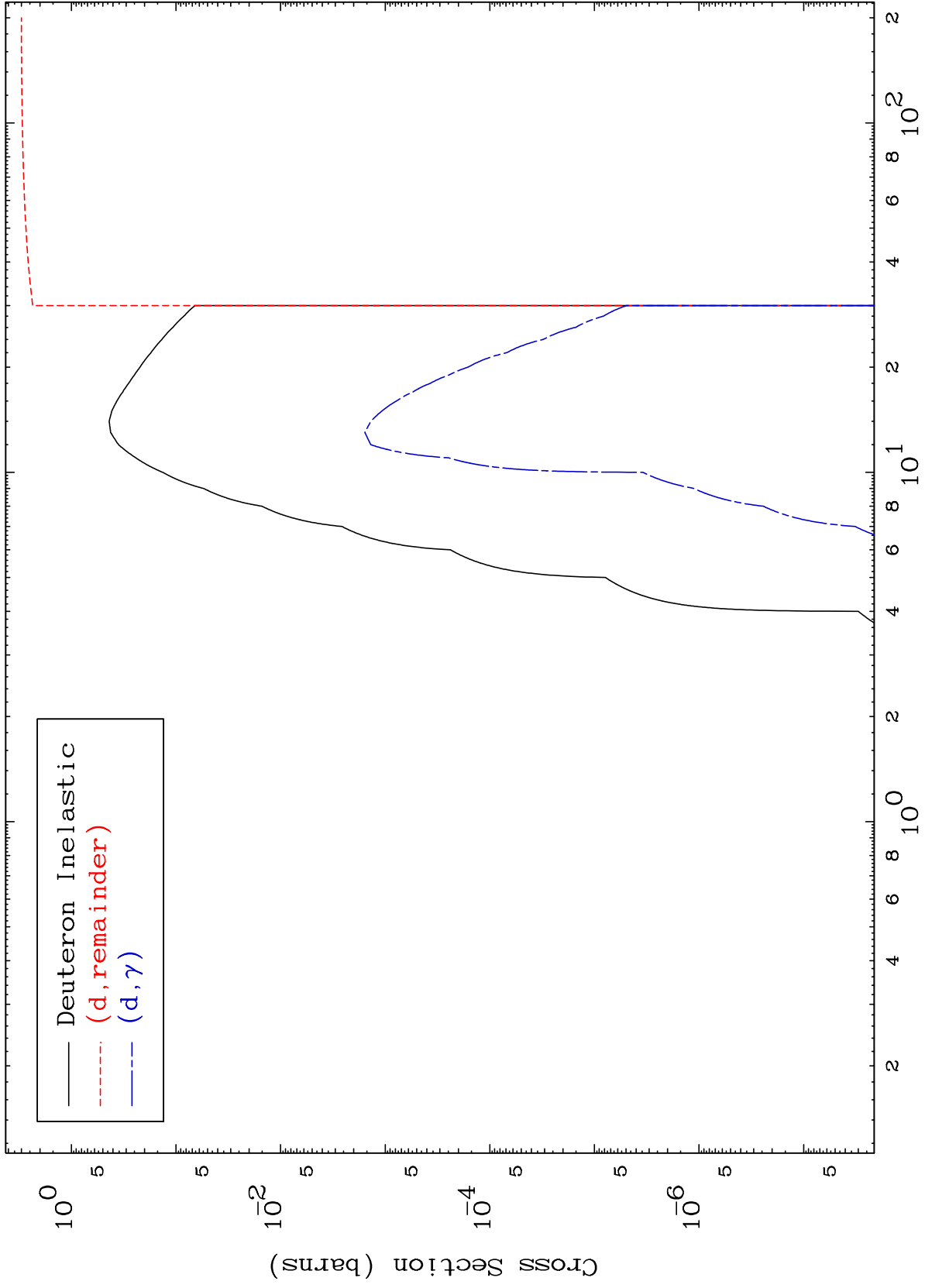
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Web: redcullen1.net/HOMEPAGE.NEW

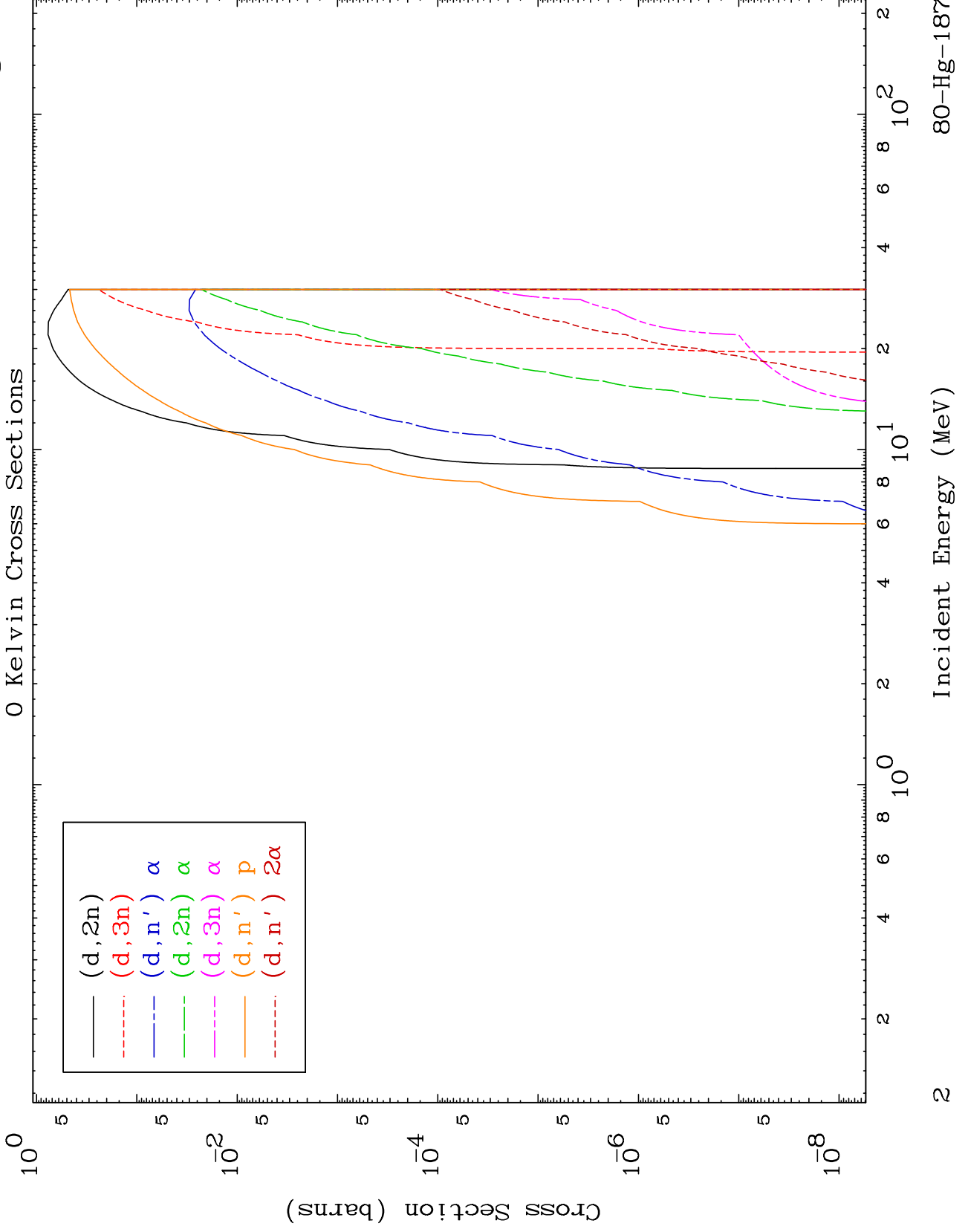
Press Mouse Button to Start

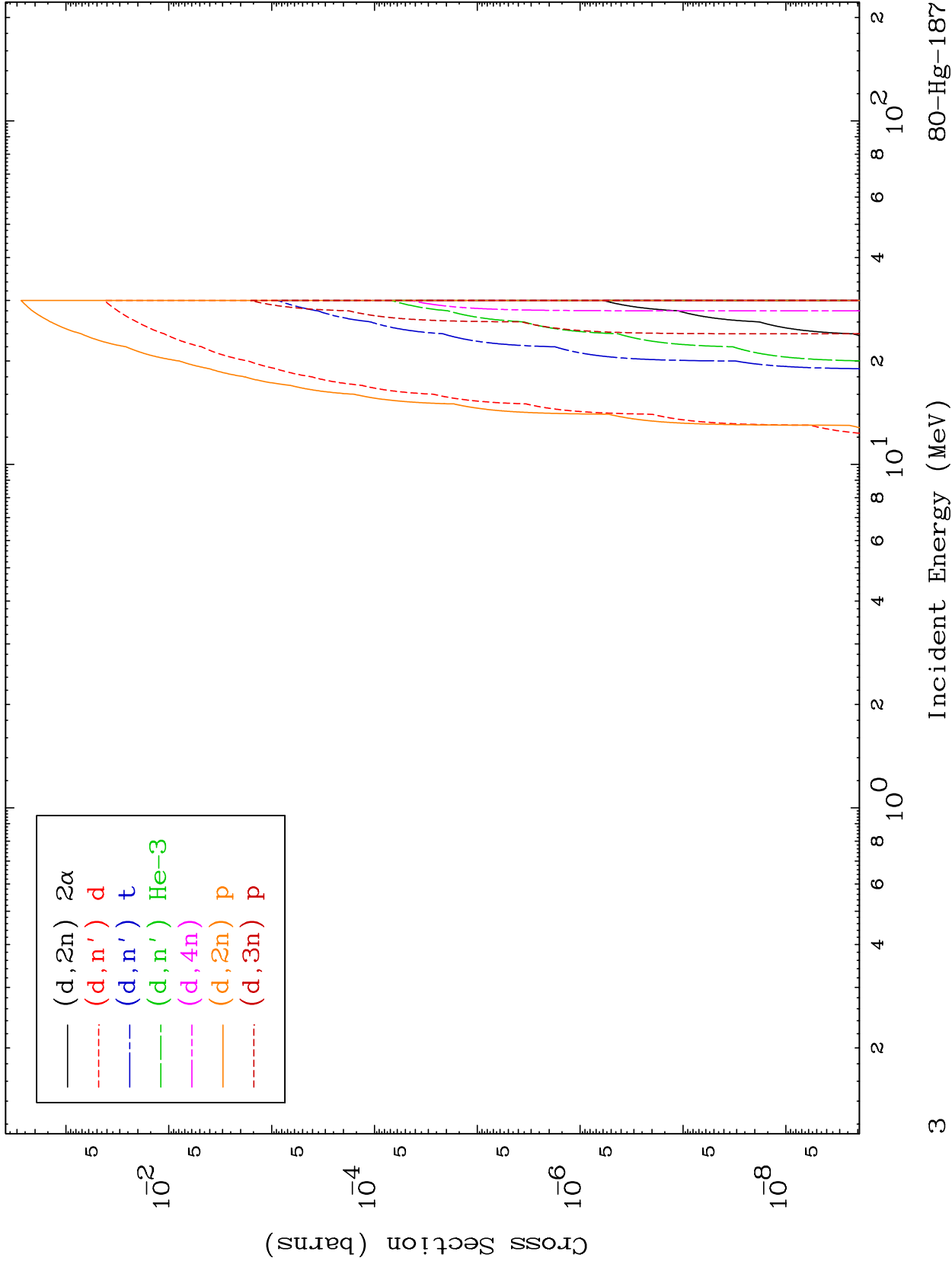


MAT 7998

Deuteron Neutron Production
0 Kelvin Cross Sections

80-Hg-187

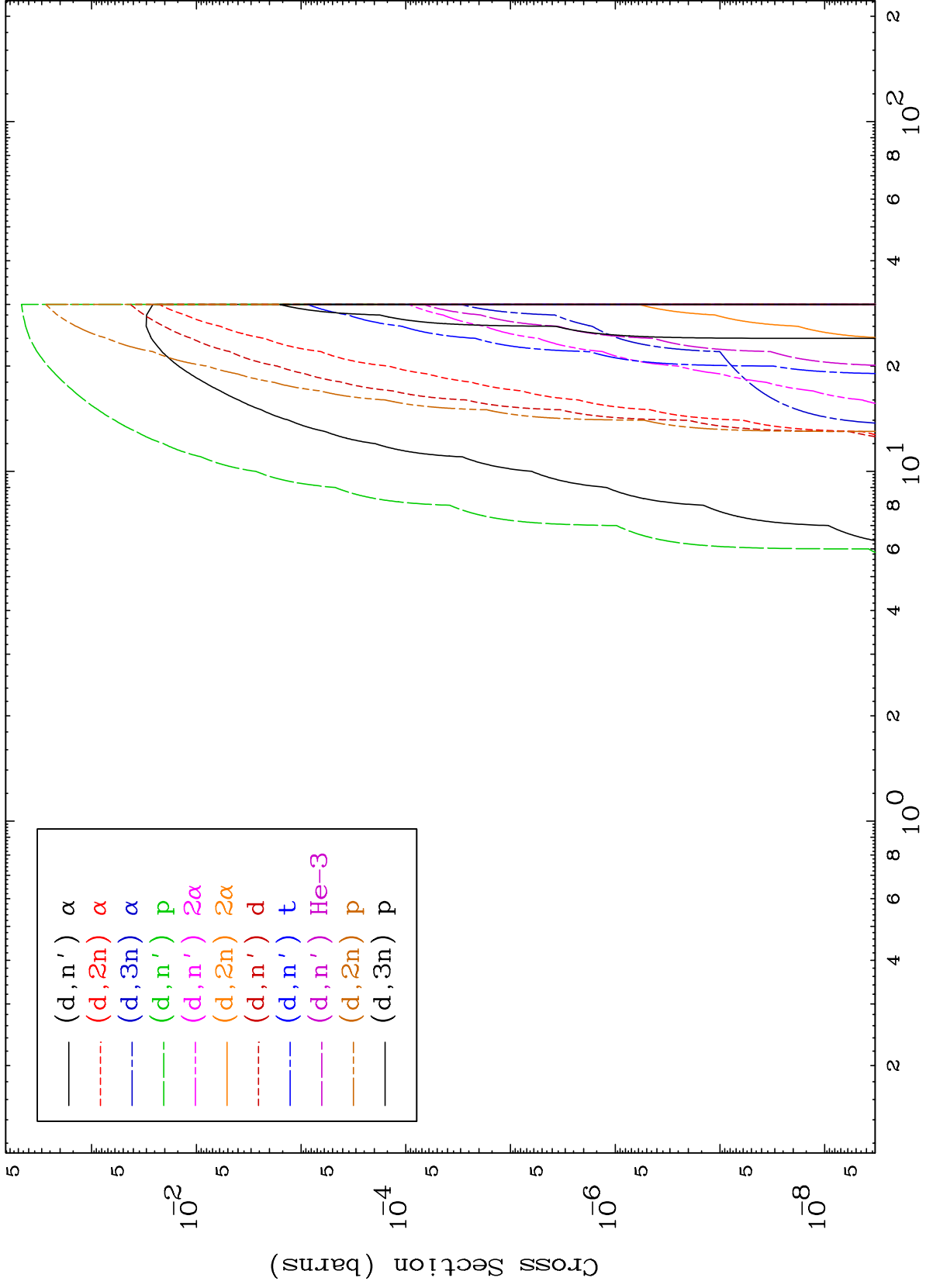


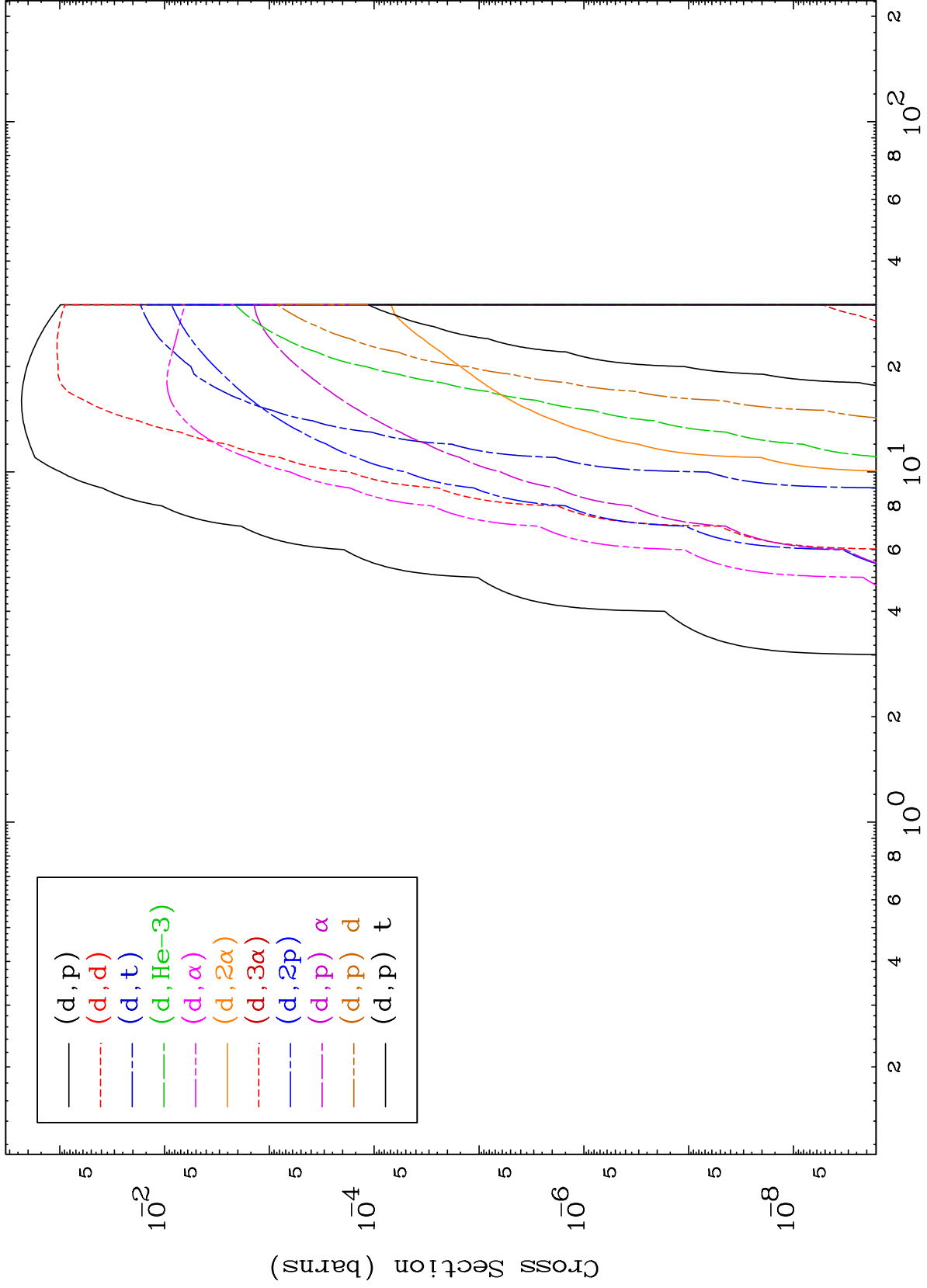


MAT 7998

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-187

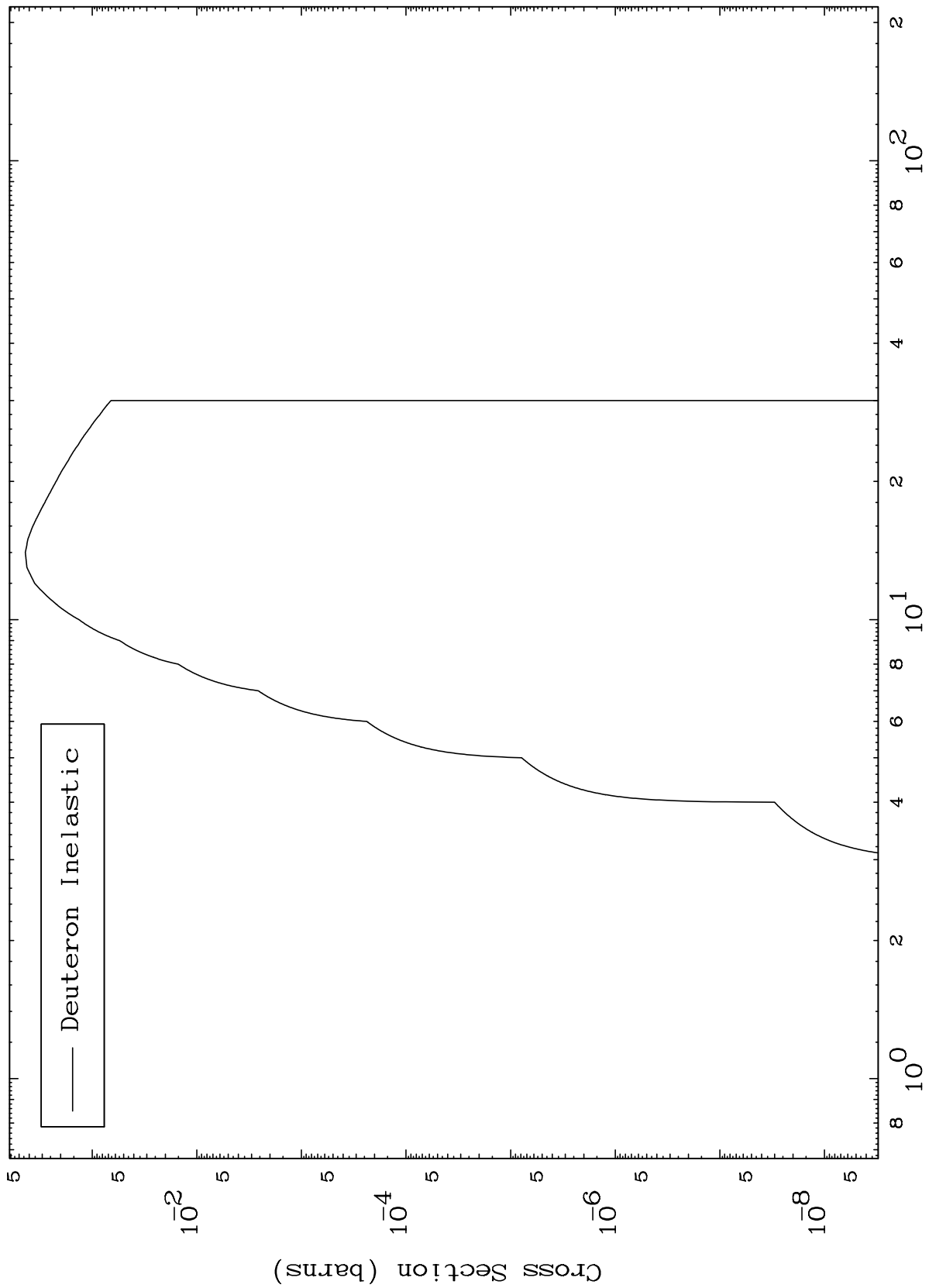




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80-Hg-187

(d,n') Level
0 Kelvin Cross Sections



80-Hg-187

Incident Energy (MeV)

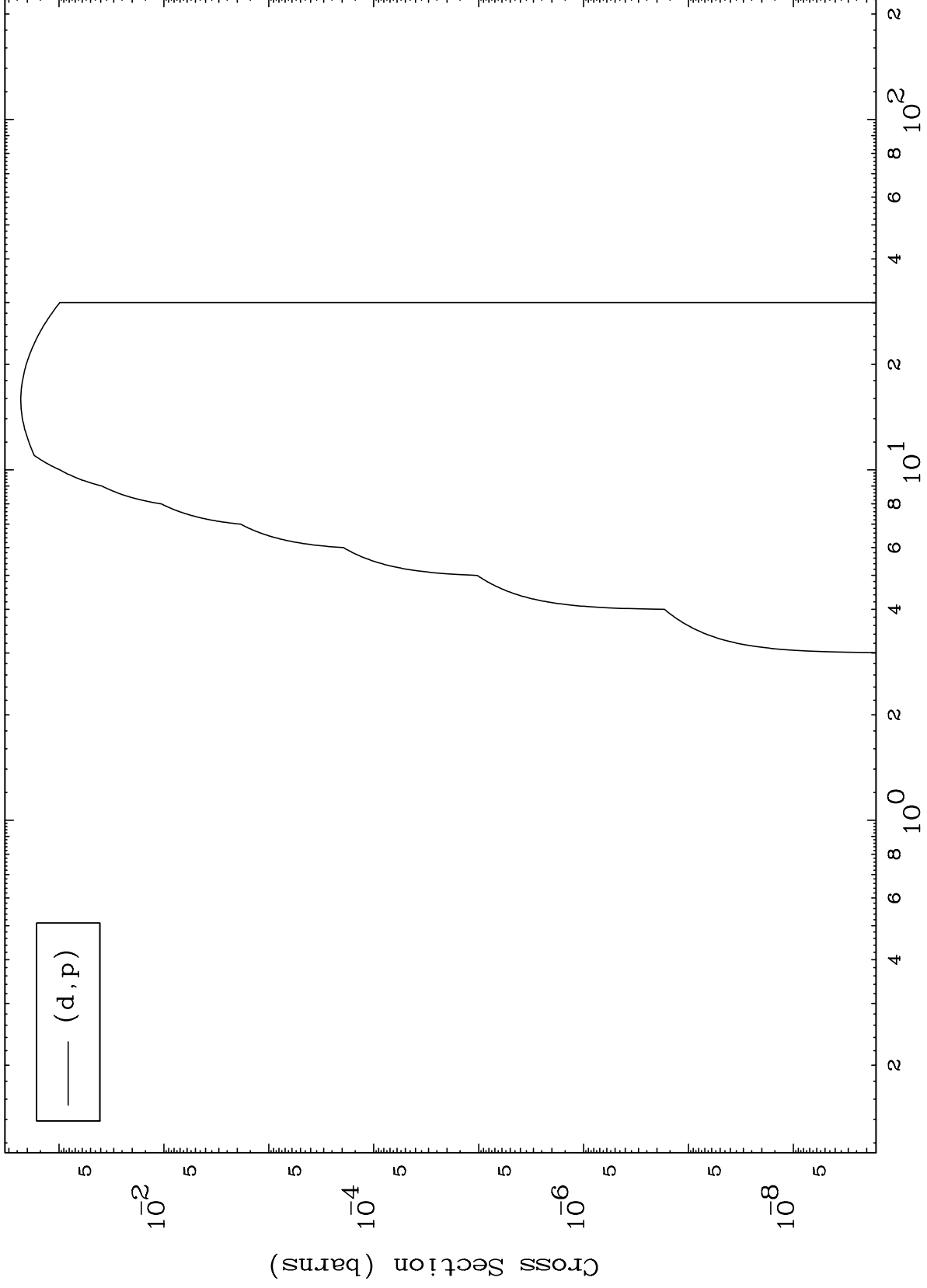
6

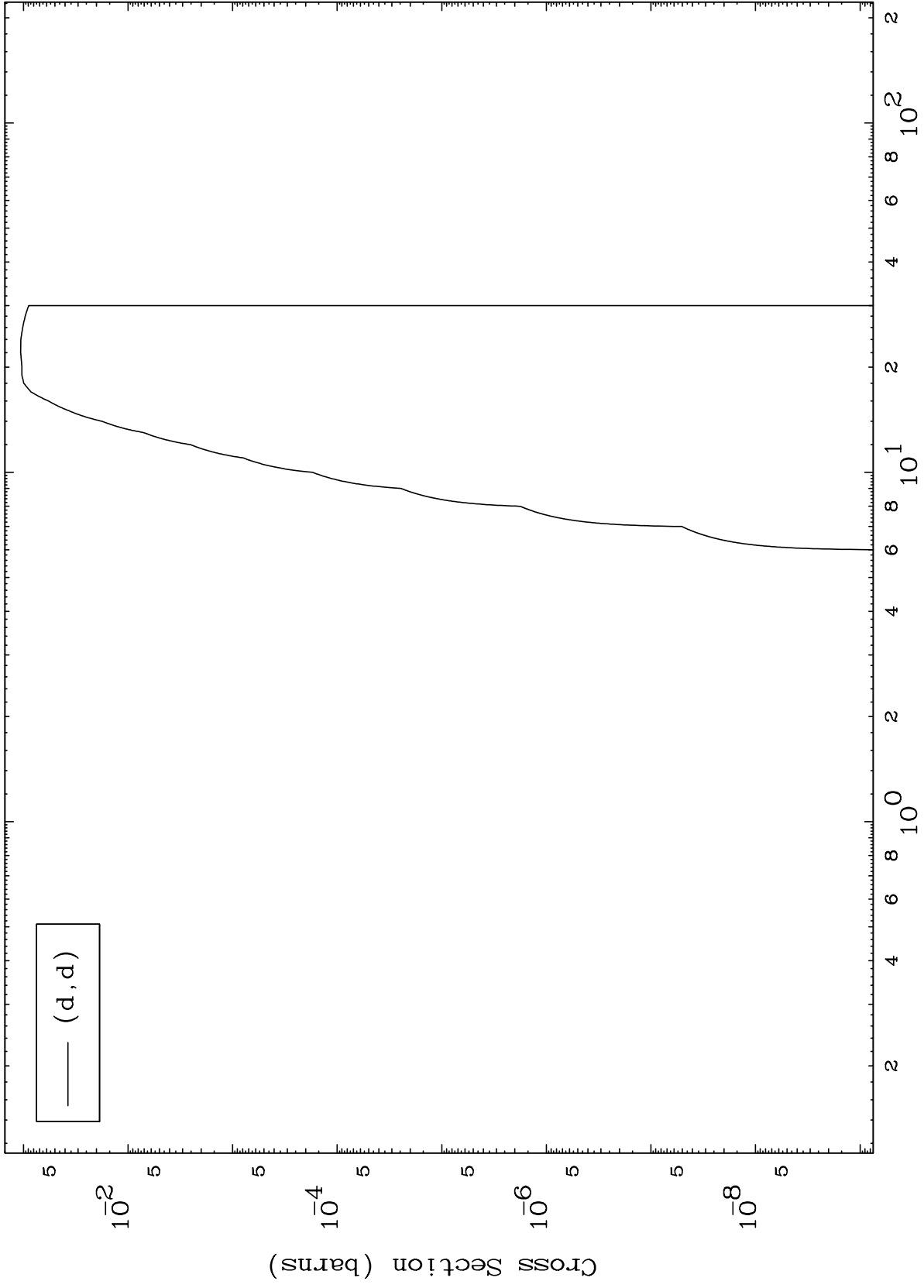
MAT 7998

(d,p) Levels

80-Hg-187

0 Kelvin Cross Sections



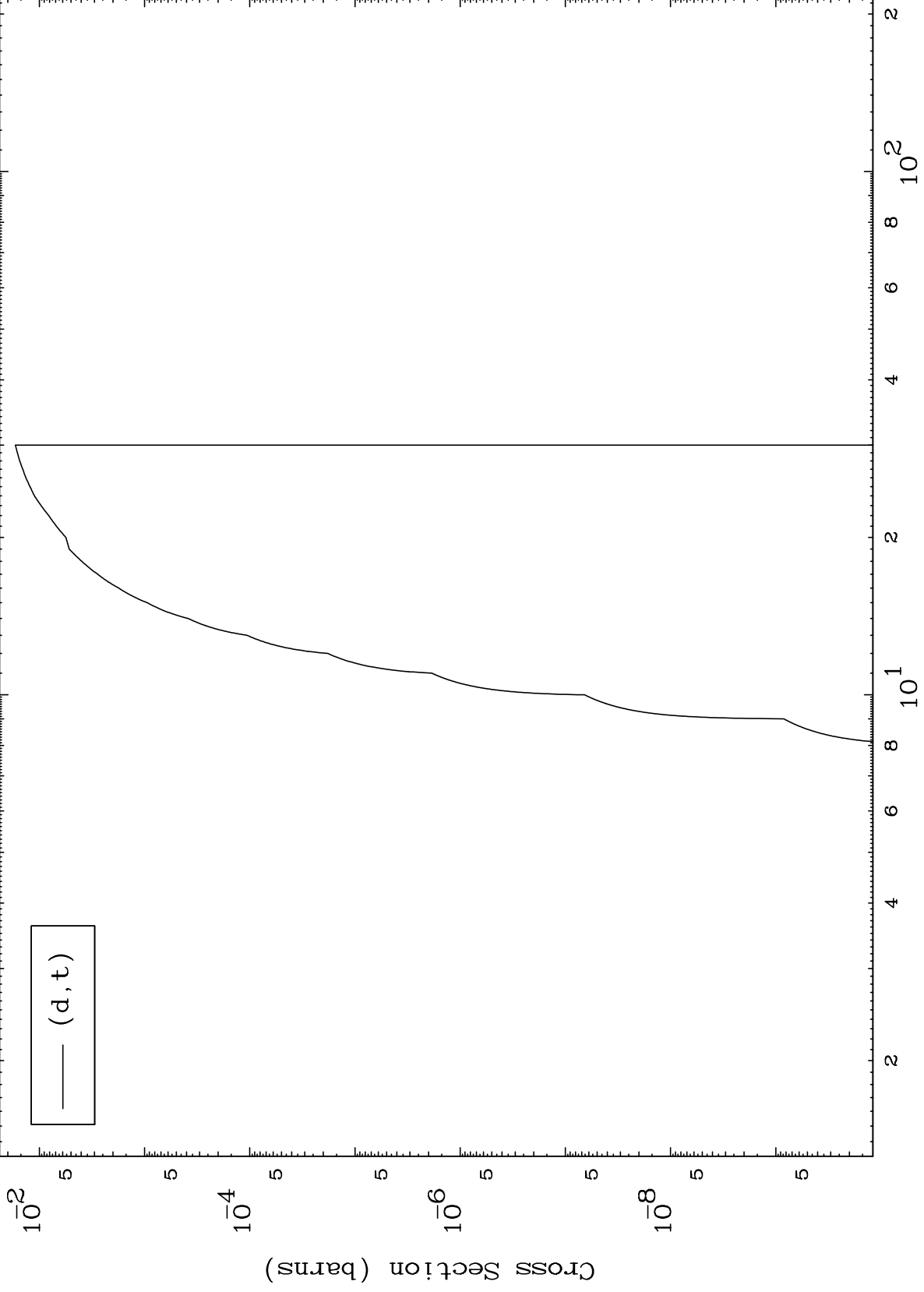


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(d,t) Levels

80-Hg-187

0 Kelvin Cross Sections

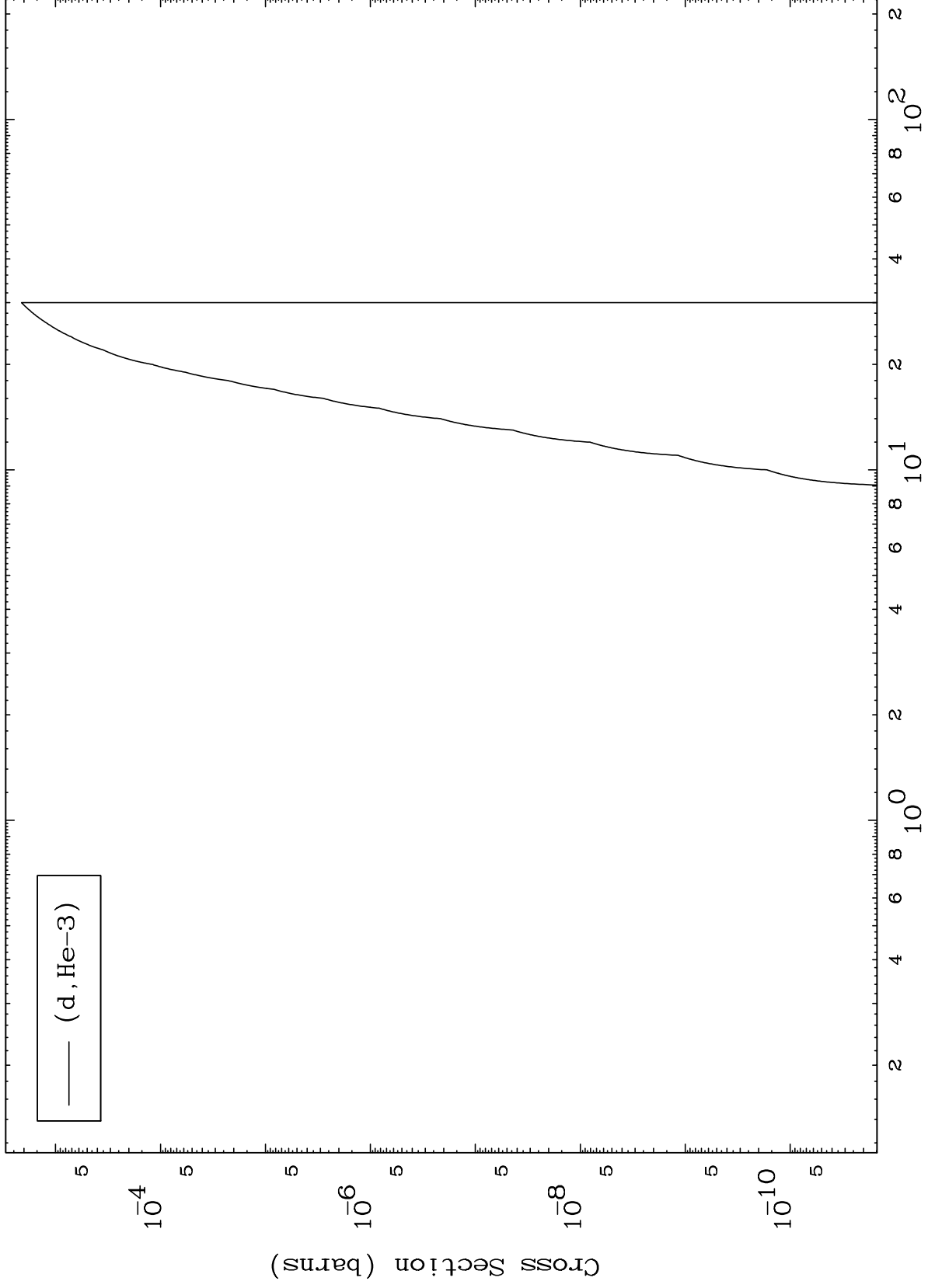


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(d,He3) Levels

80-Hg-187

0 Kelvin Cross Sections



10

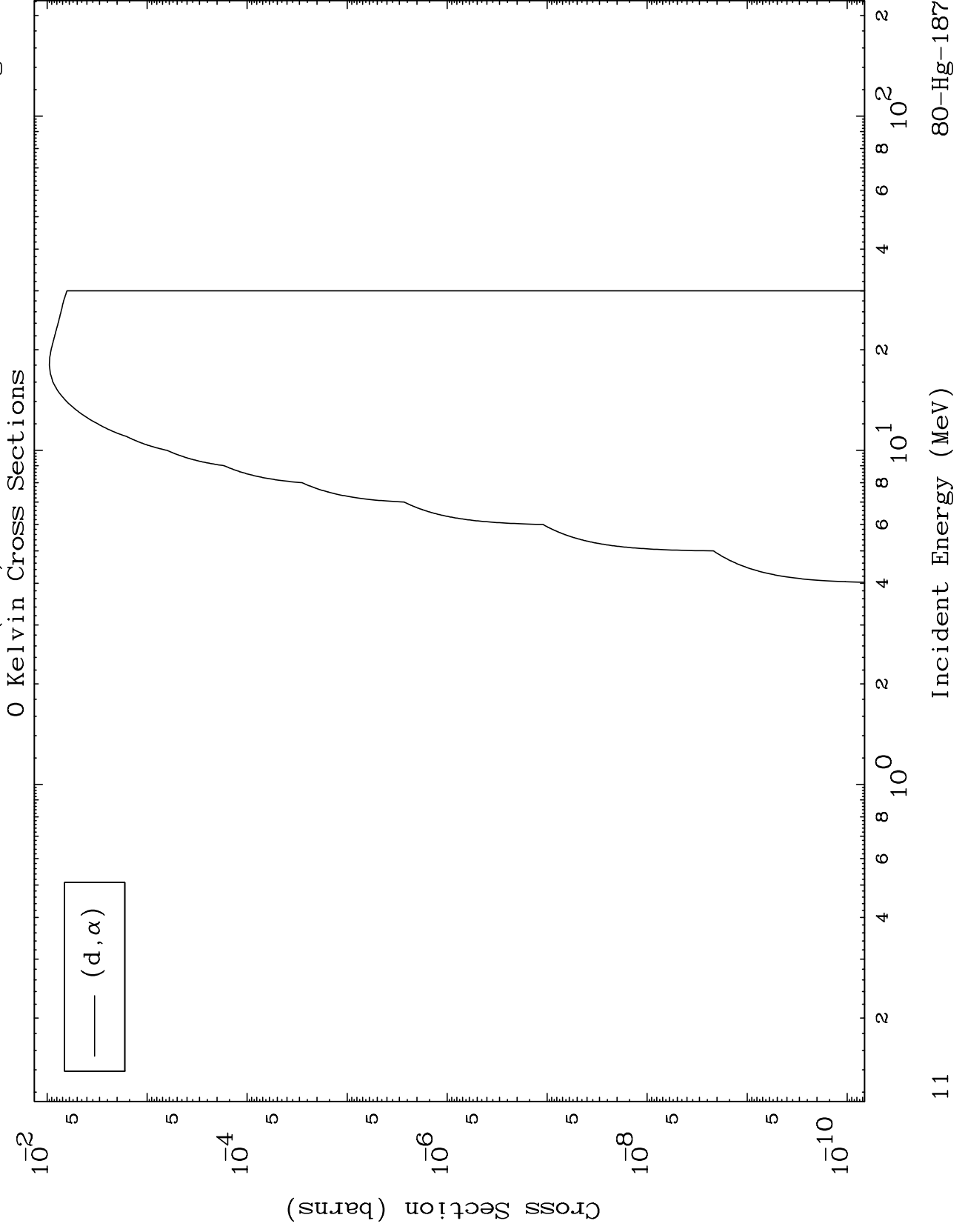
Incident Energy (MeV)

80-Hg-187

MAT 7998

(d, α) Levels

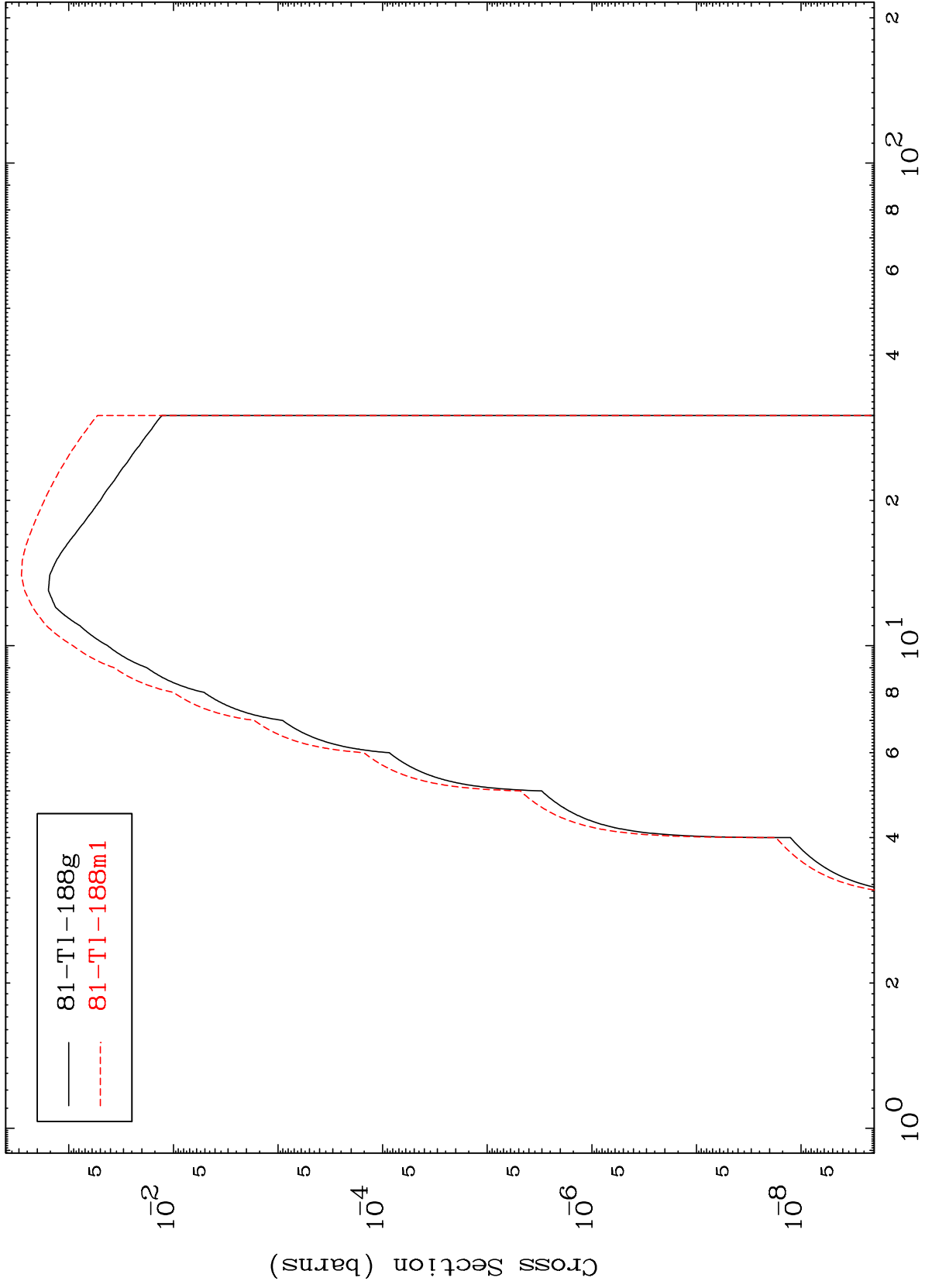
80-Hg-187



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Deuteron Inelastic
Radionuclide Production Cross Section

80-Hg-187

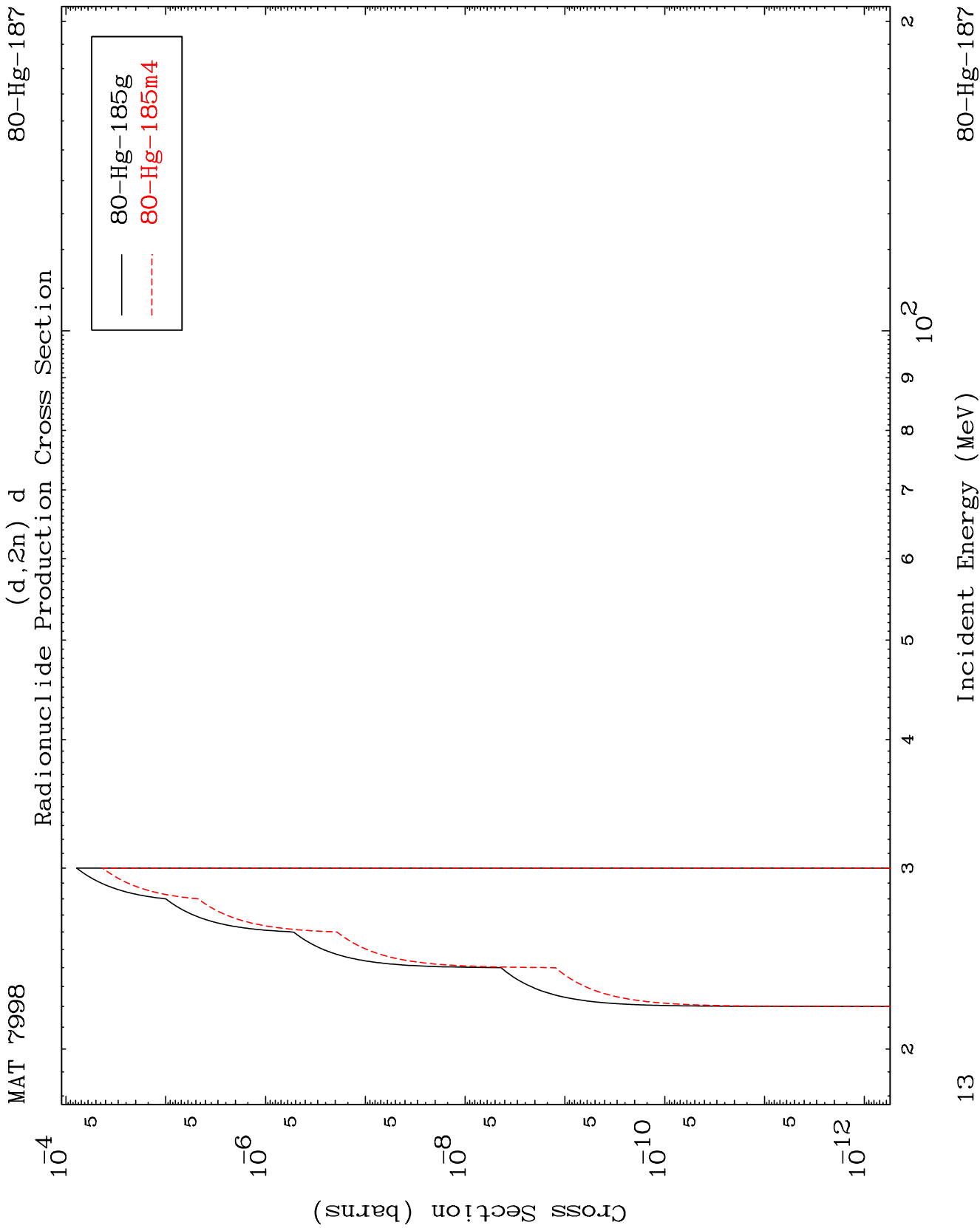


81-Tl-188g
81-Tl-188m1

80-Hg-187

Incident Energy (MeV)

12

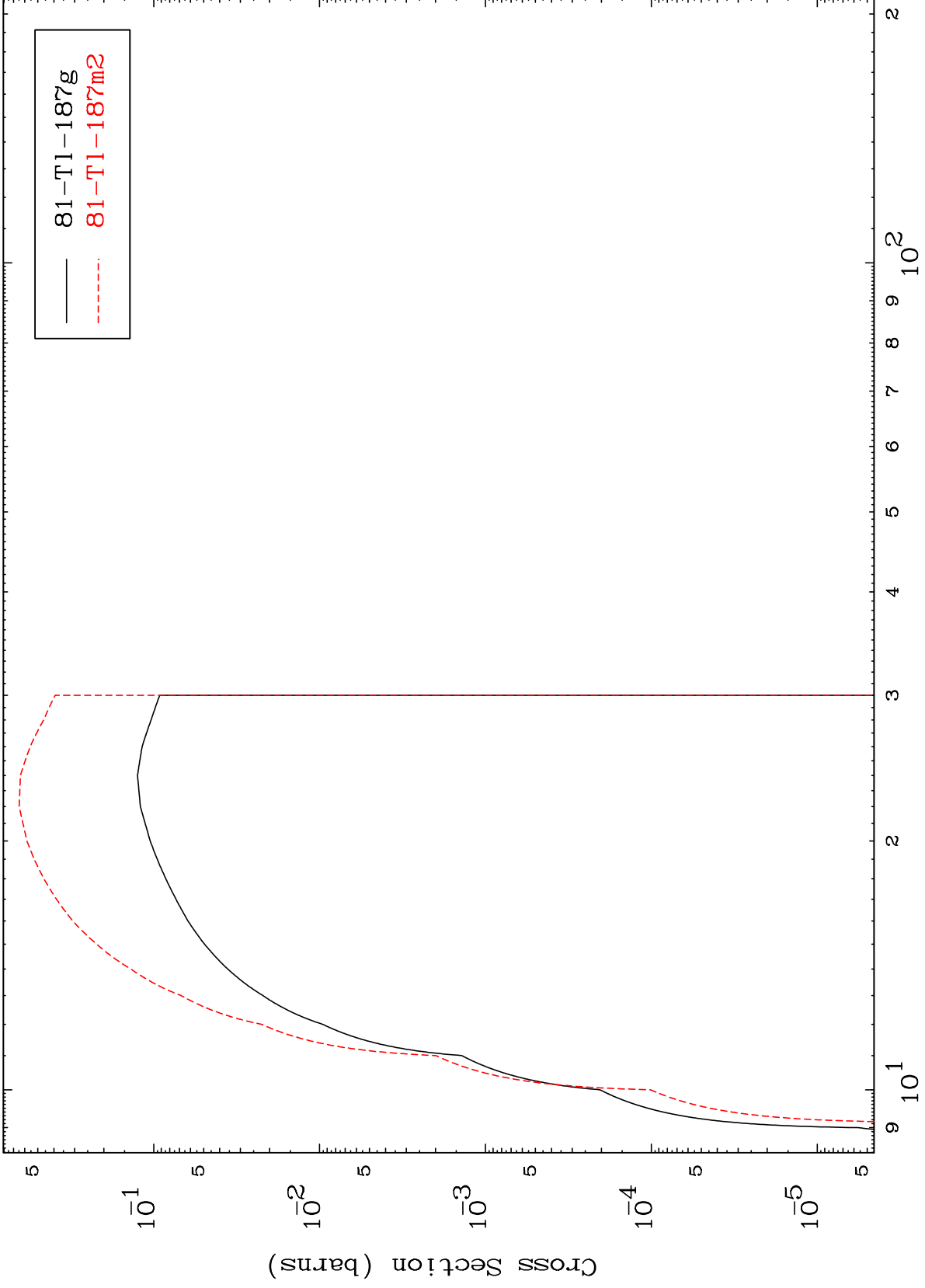


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(d,2n)

80-Hg-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

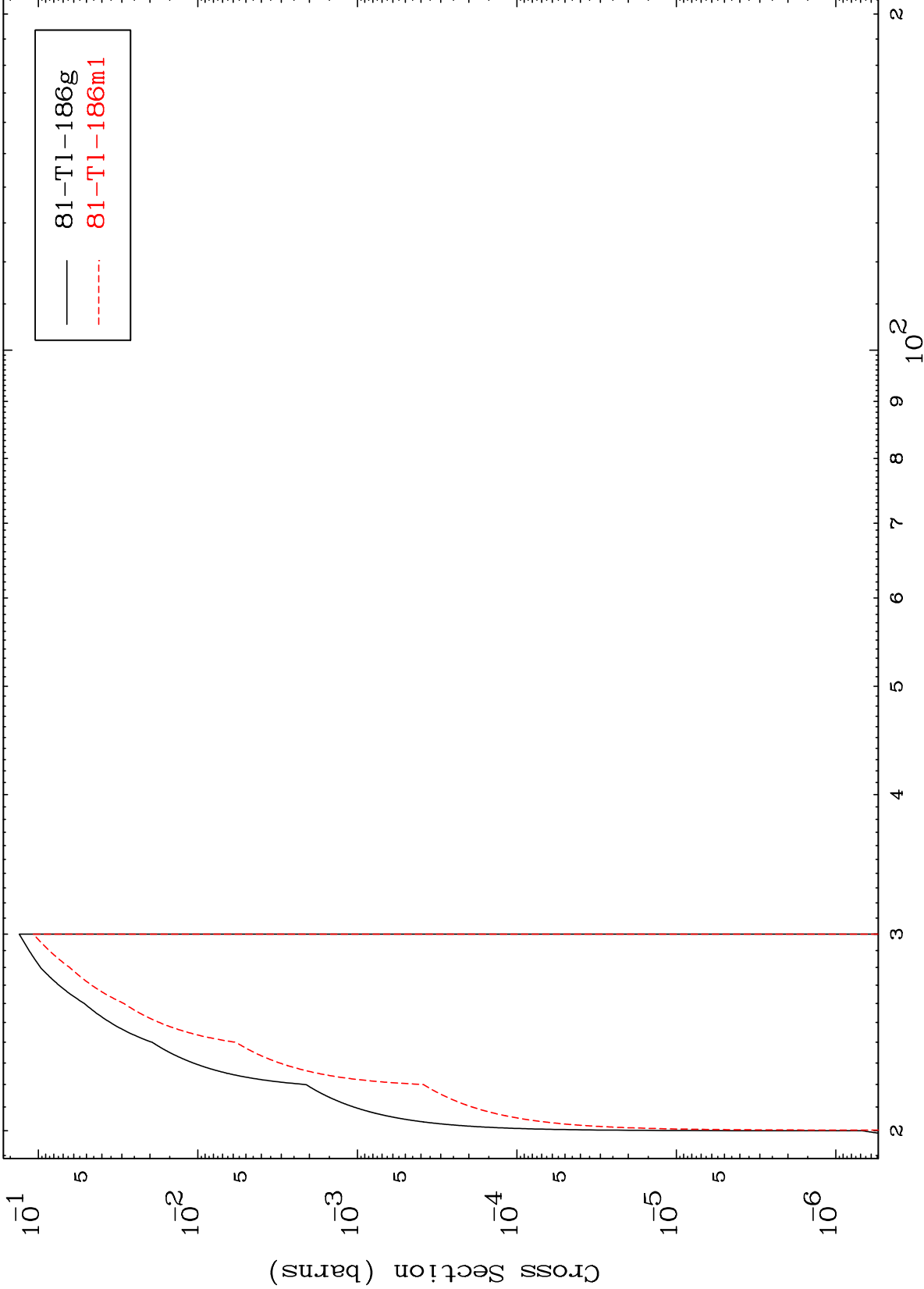
80-Hg-187

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(d,3n)

80-Hg-187

Radionuclide Production Cross Section



15

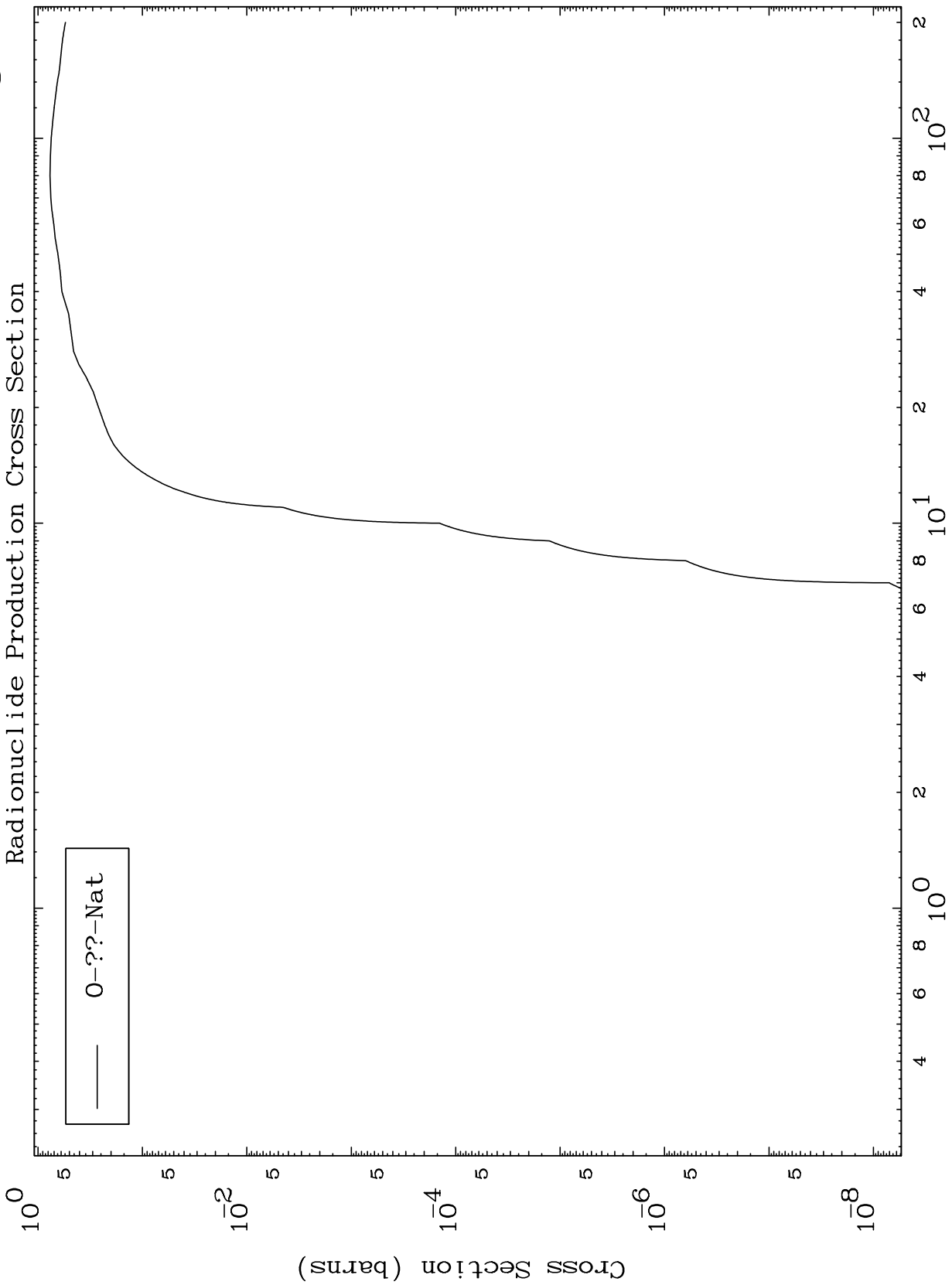
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

Deuteron Fission
Radionuclide Production Cross Section

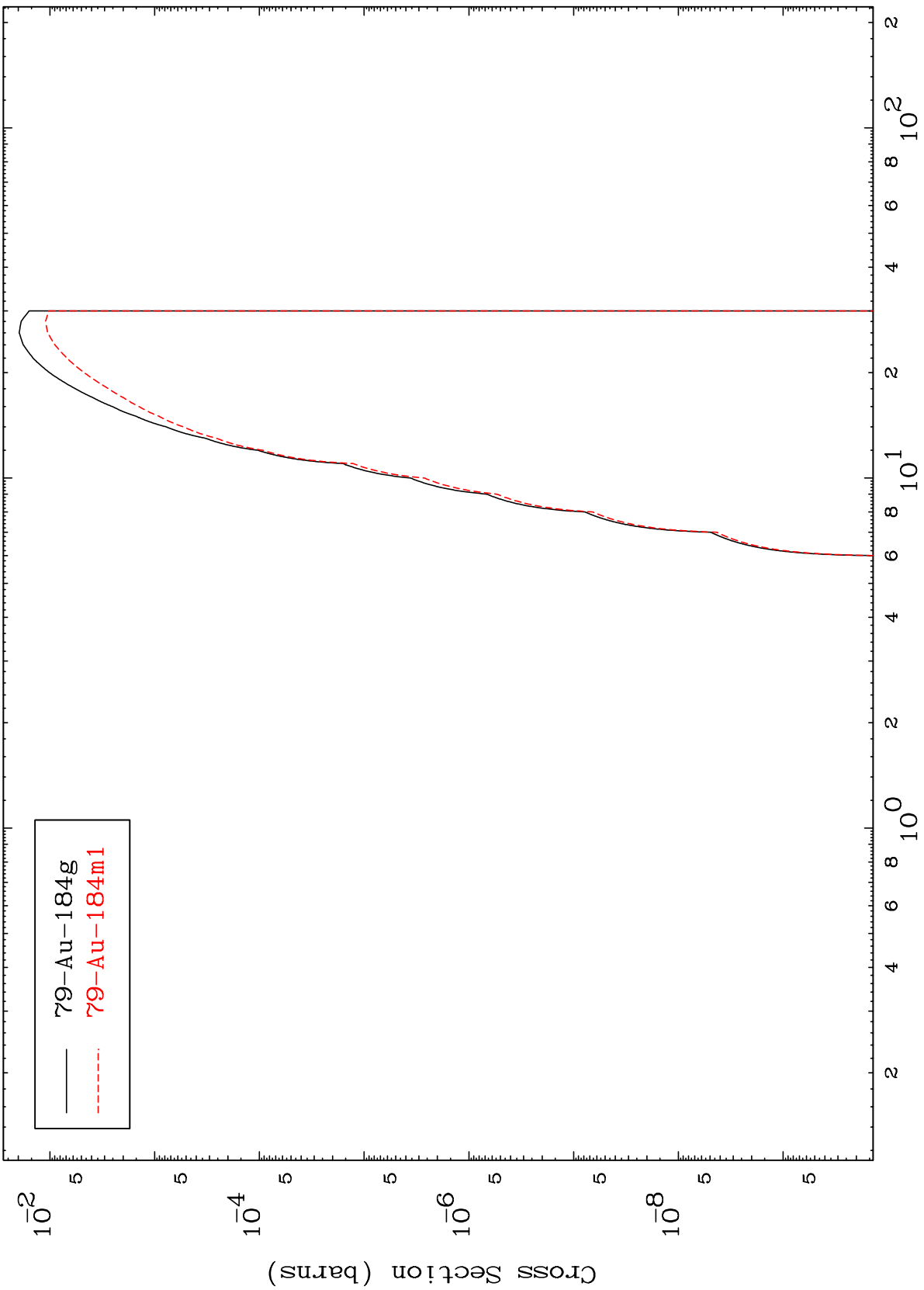


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(d,n') α

80-Hg-187

Radionuclide Production Cross Section

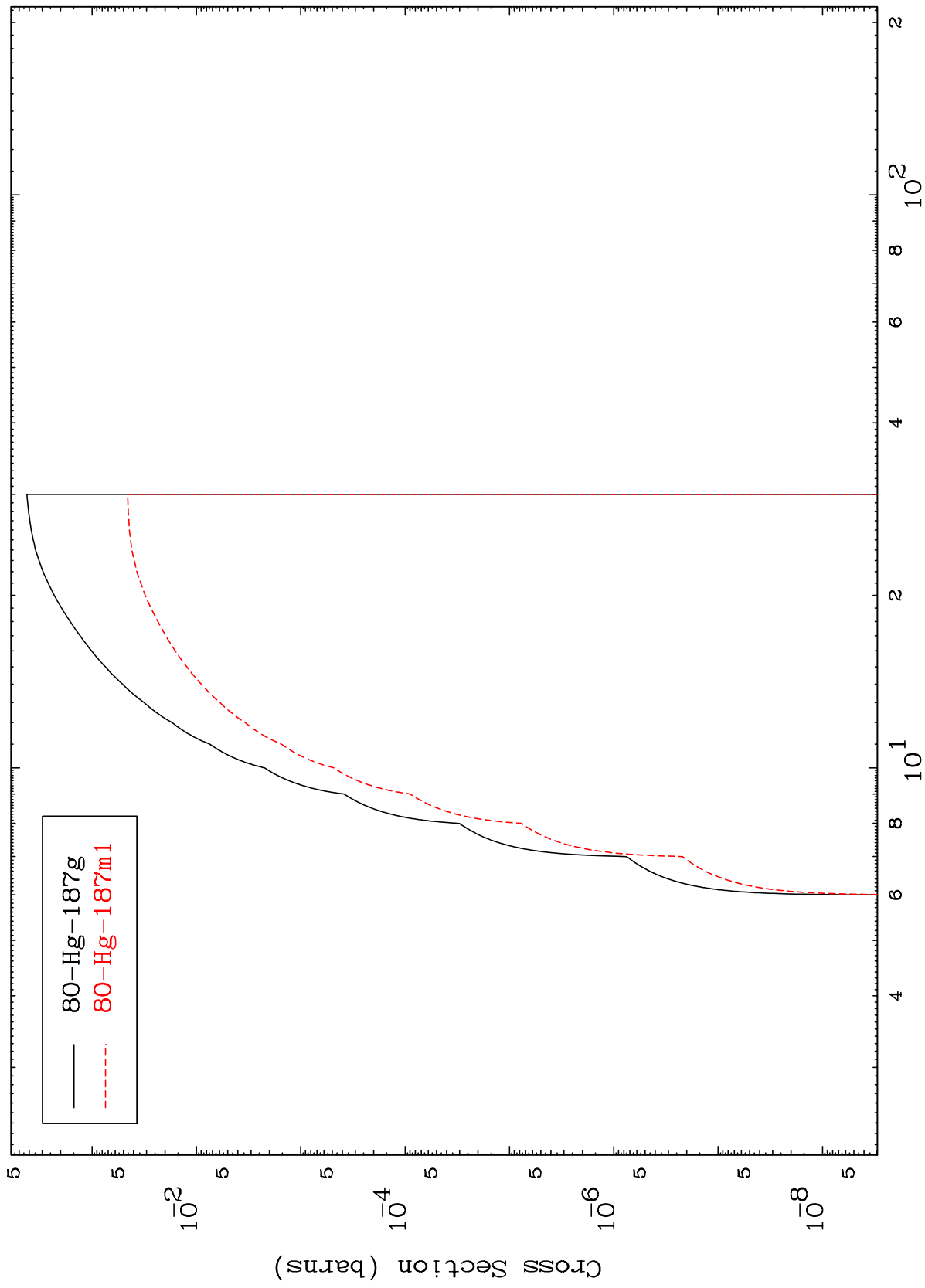


— $^{79}\text{Au-184g}$
- - - $^{79}\text{Au-184m1}$

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80-Hg-187

(d,n') p
Radionuclide Production Cross Section



80-Hg-187

Incident Energy (MeV)

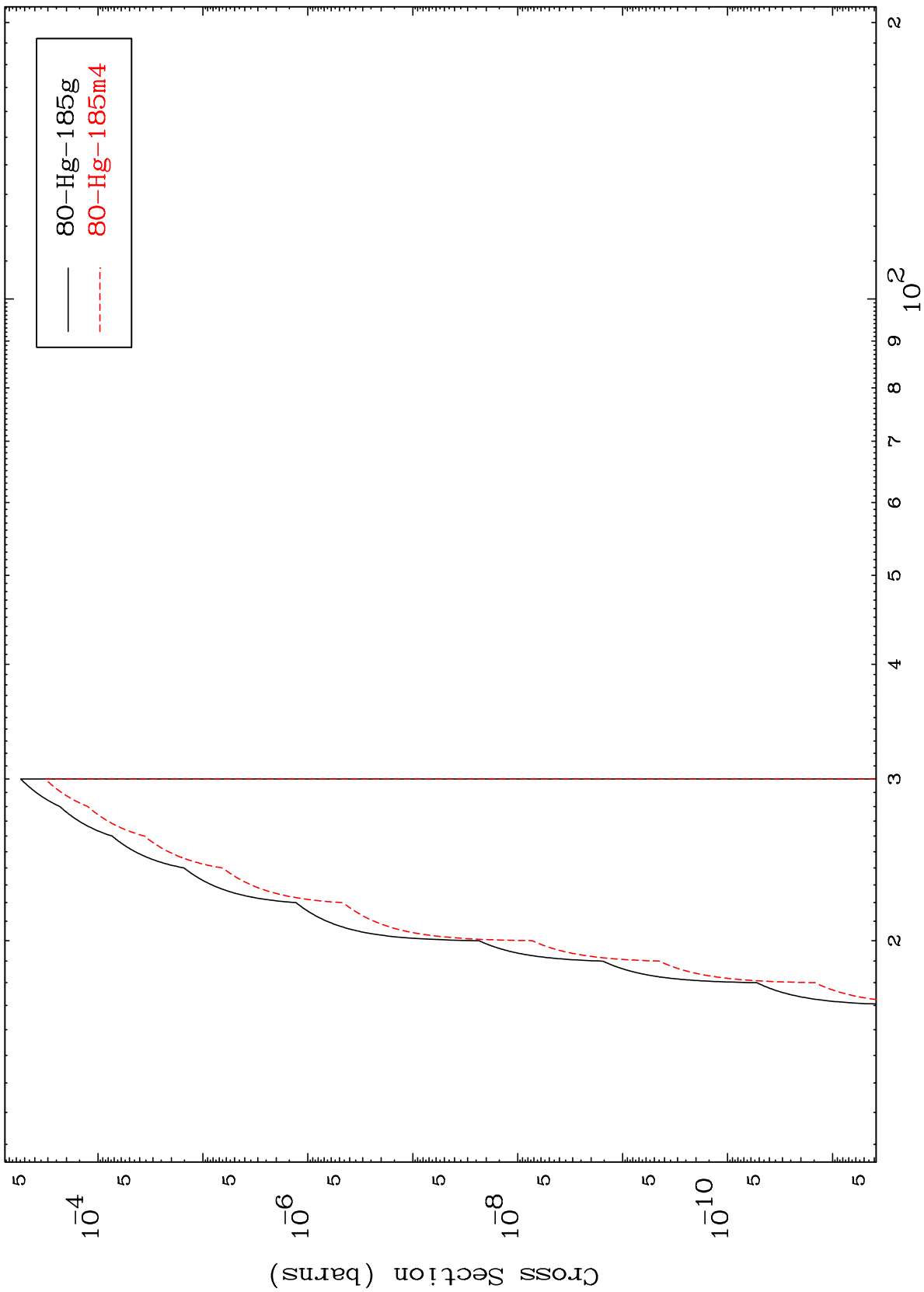
18

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(d,n') t

80-Hg-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

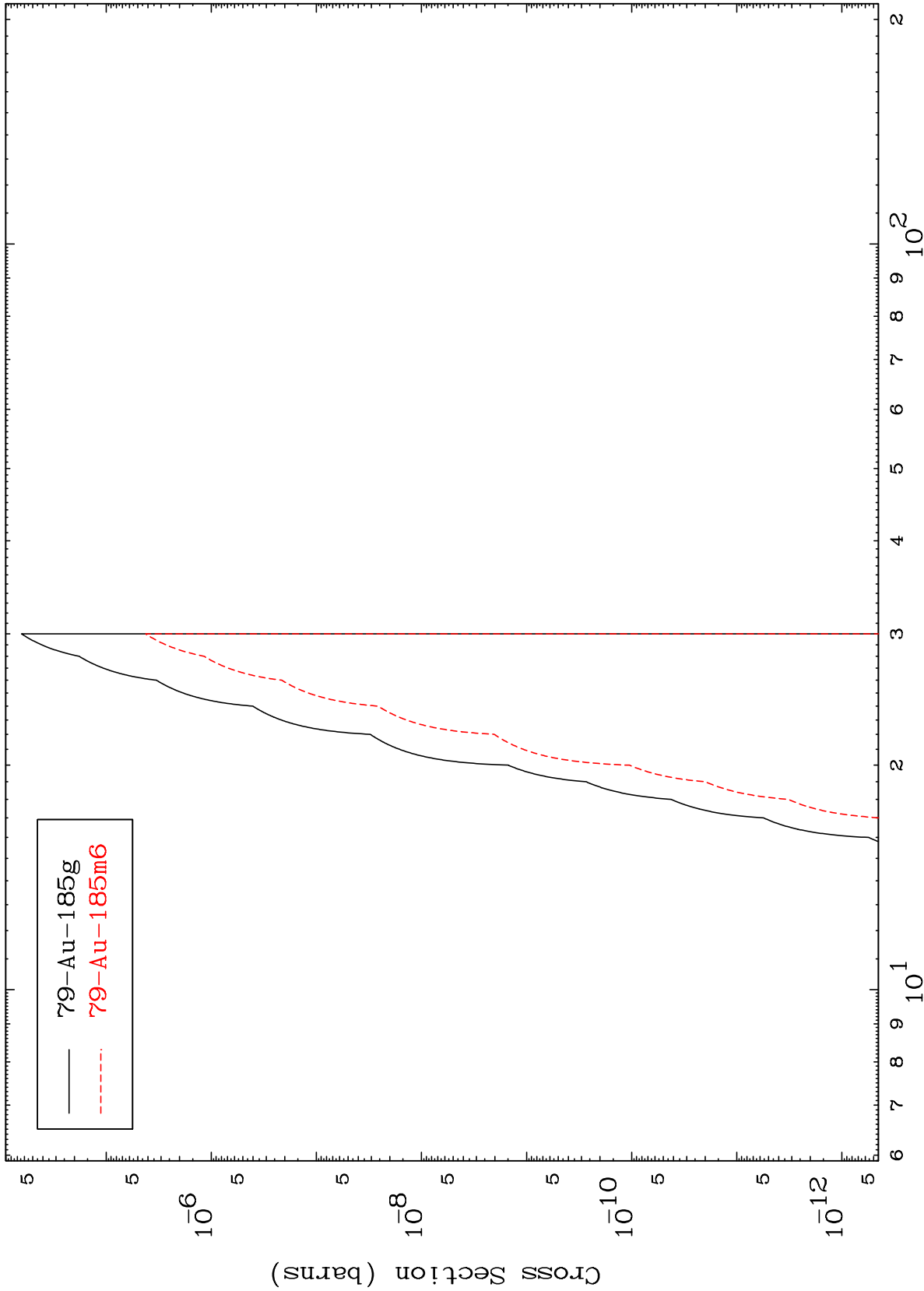
80-Hg-187

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(d,n') He-3

80-Hg-187

Radionuclide Production Cross Section



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

Incident Energy (MeV)

80-Hg-187

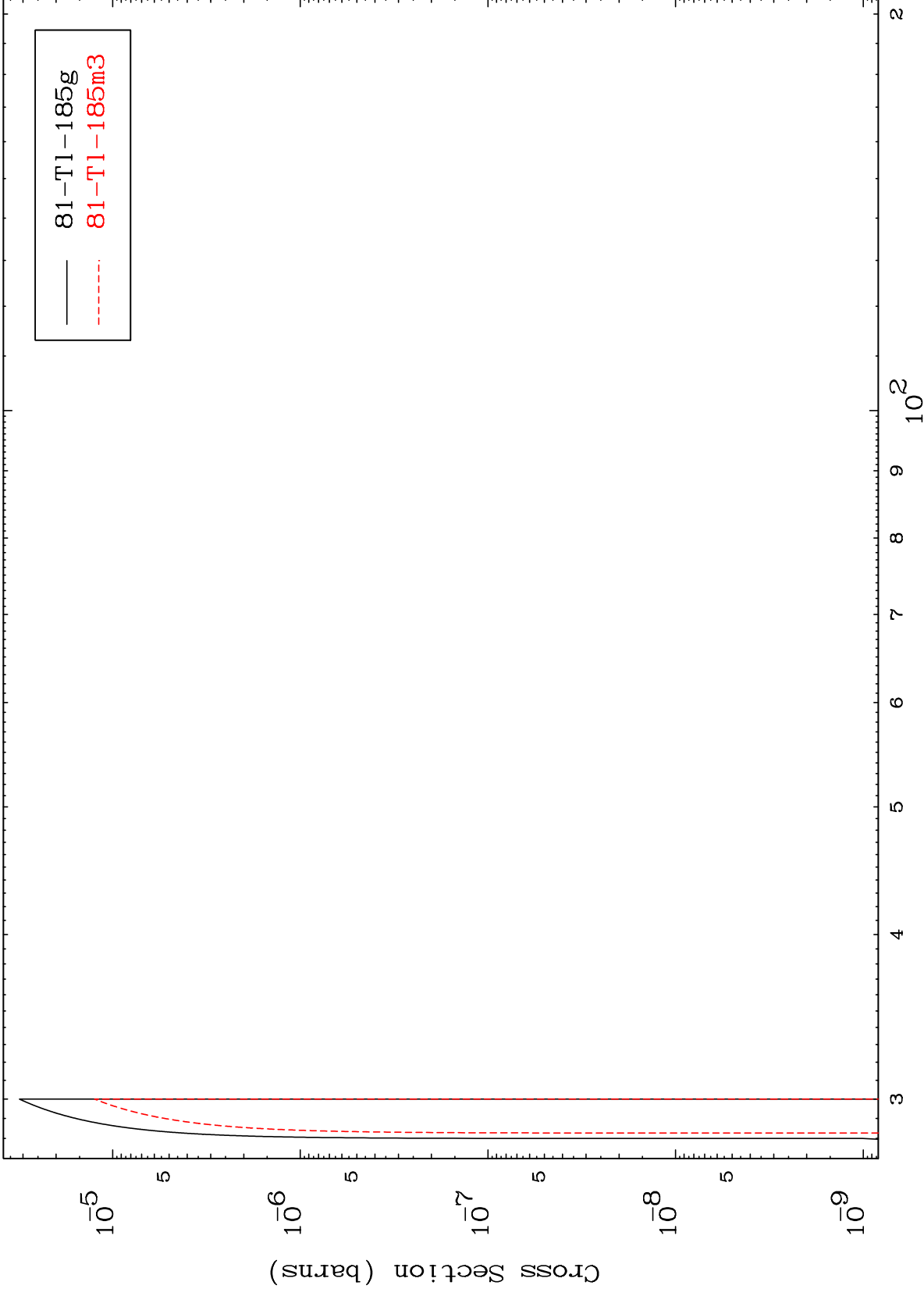
20

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(d,4n)

80-Hg-187

Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

21

Incident Energy (MeV)

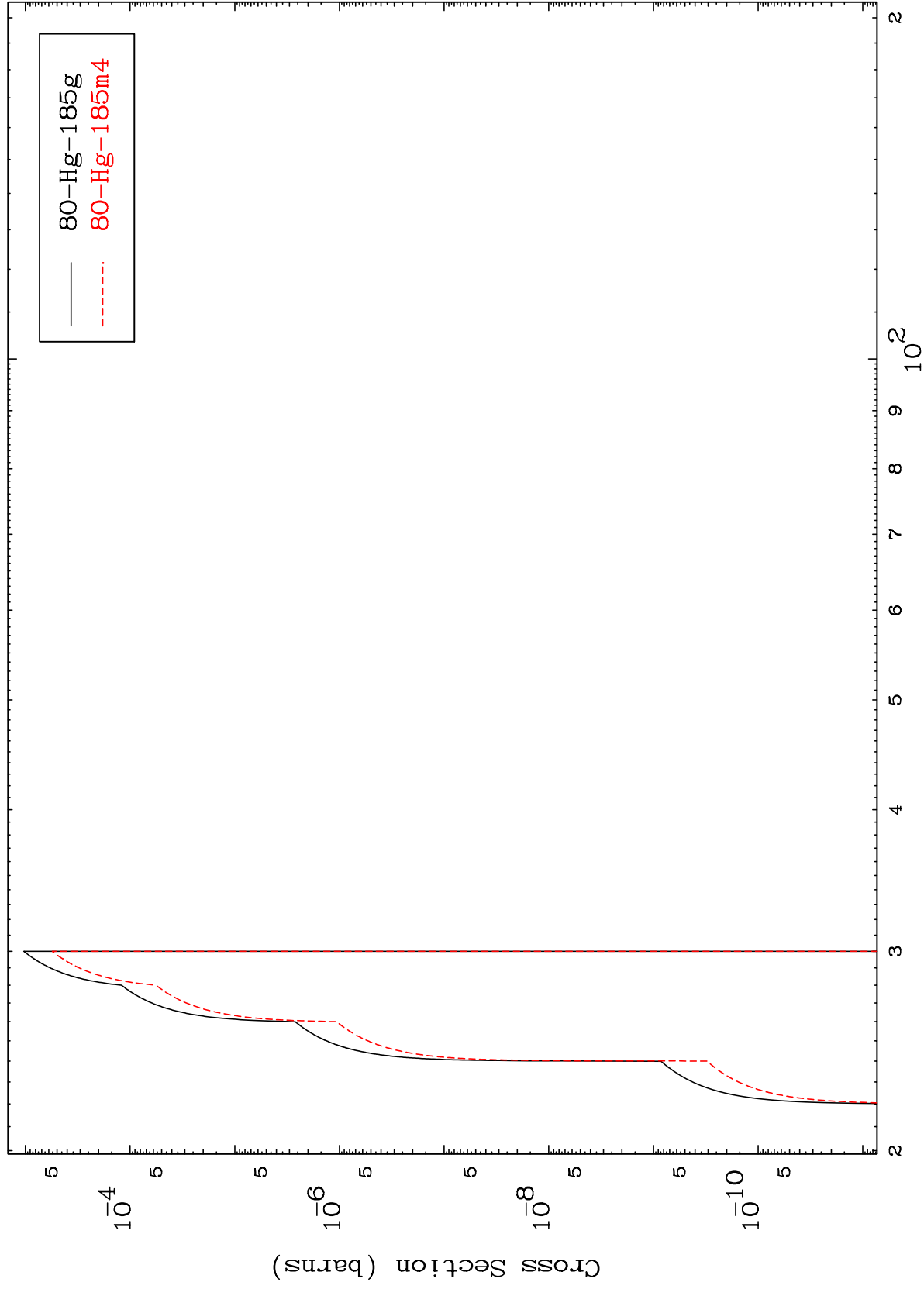
80-Hg-187

MAT 7998

80-Hg-187

(d,3n) p

Radionuclide Production Cross Section



80-Hg-187

Incident Energy (MeV)

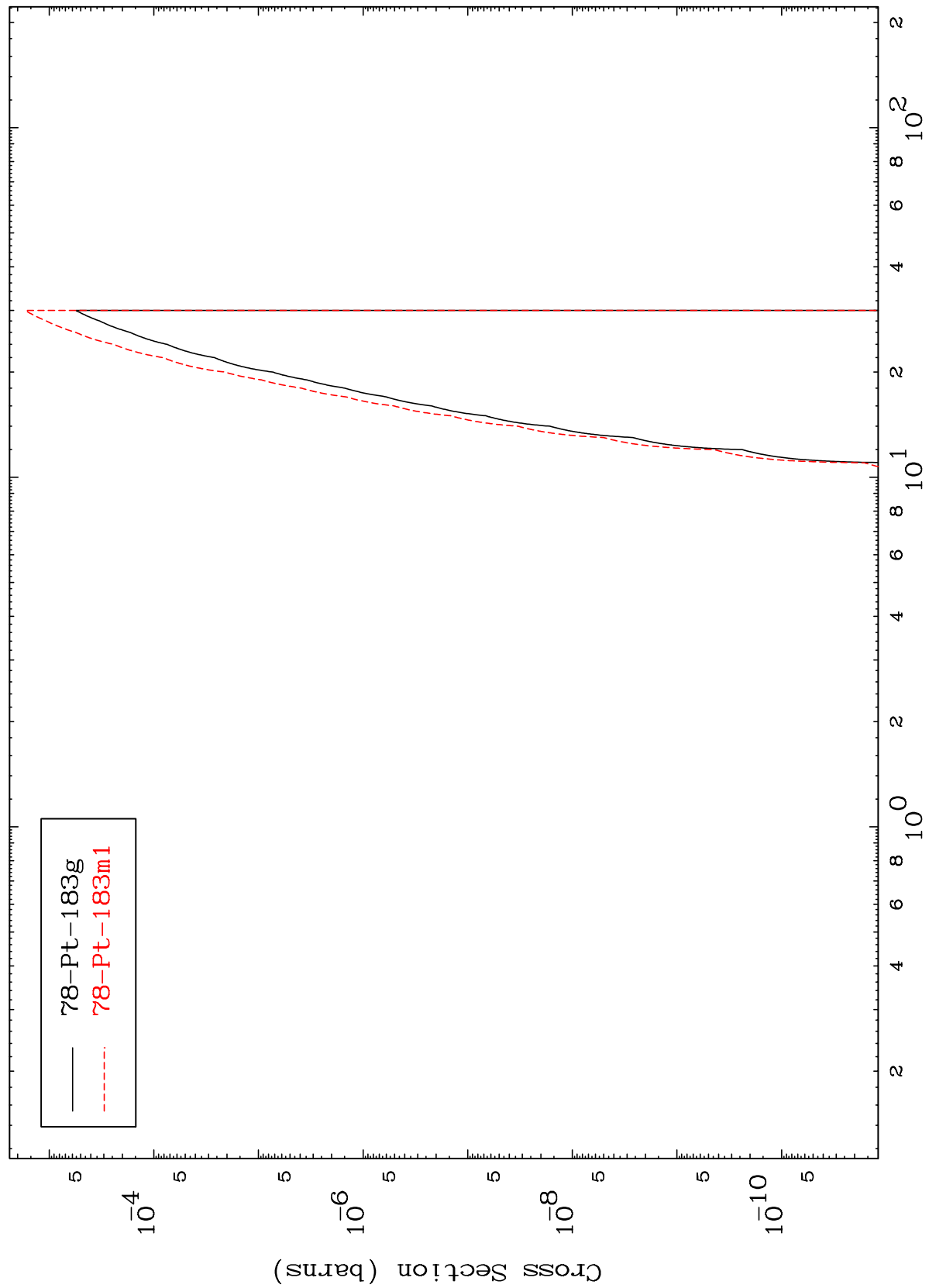
22

MAT 7998

(d,n') p α

80-Hg-187

Radionuclide Production Cross Section

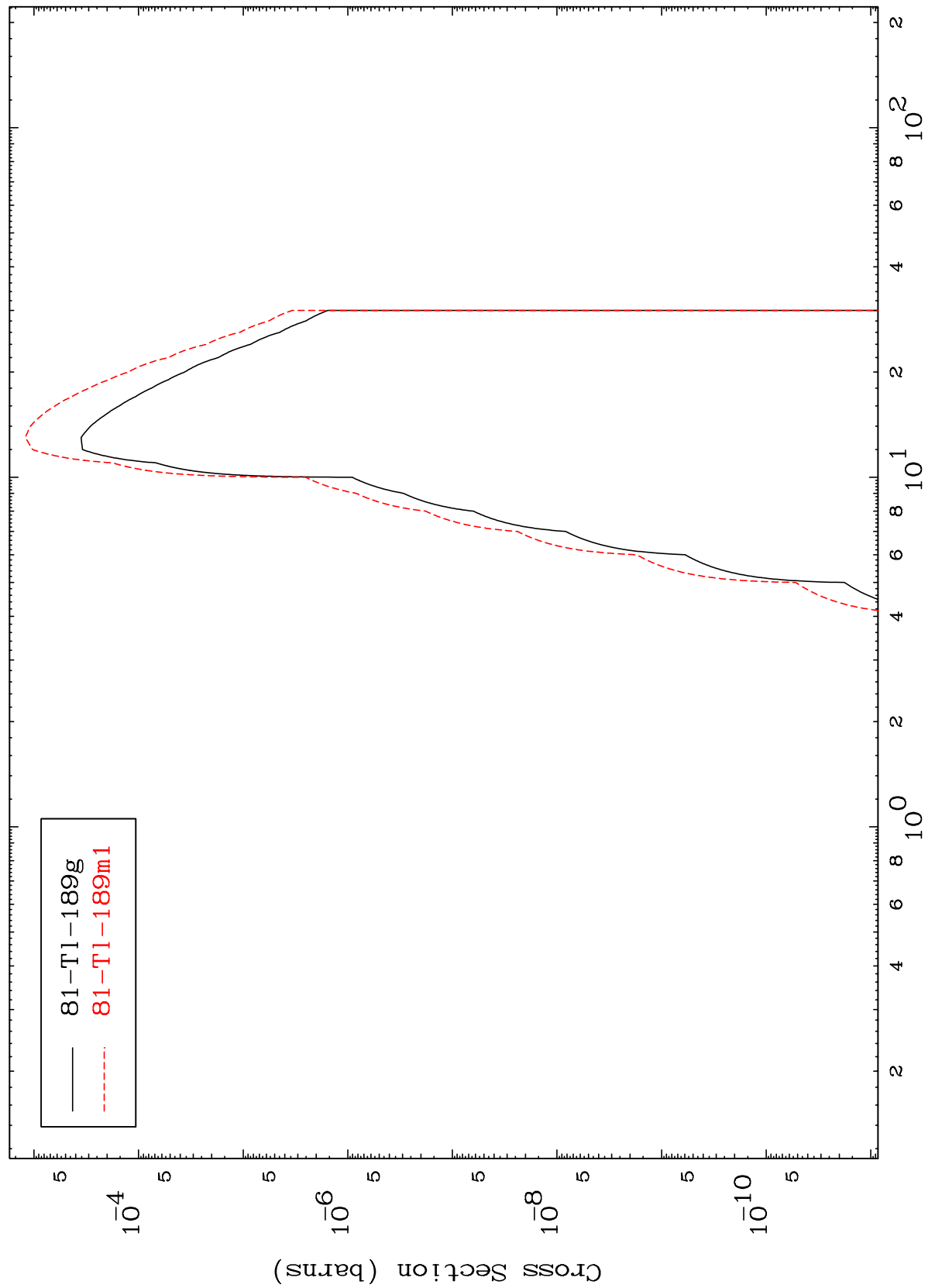


— 78-Pt-183g
- - - 78-Pt-183m1

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80-Hg-187

(d, γ)
Radionuclide Production Cross Section



80-Hg-187

Incident Energy (MeV)

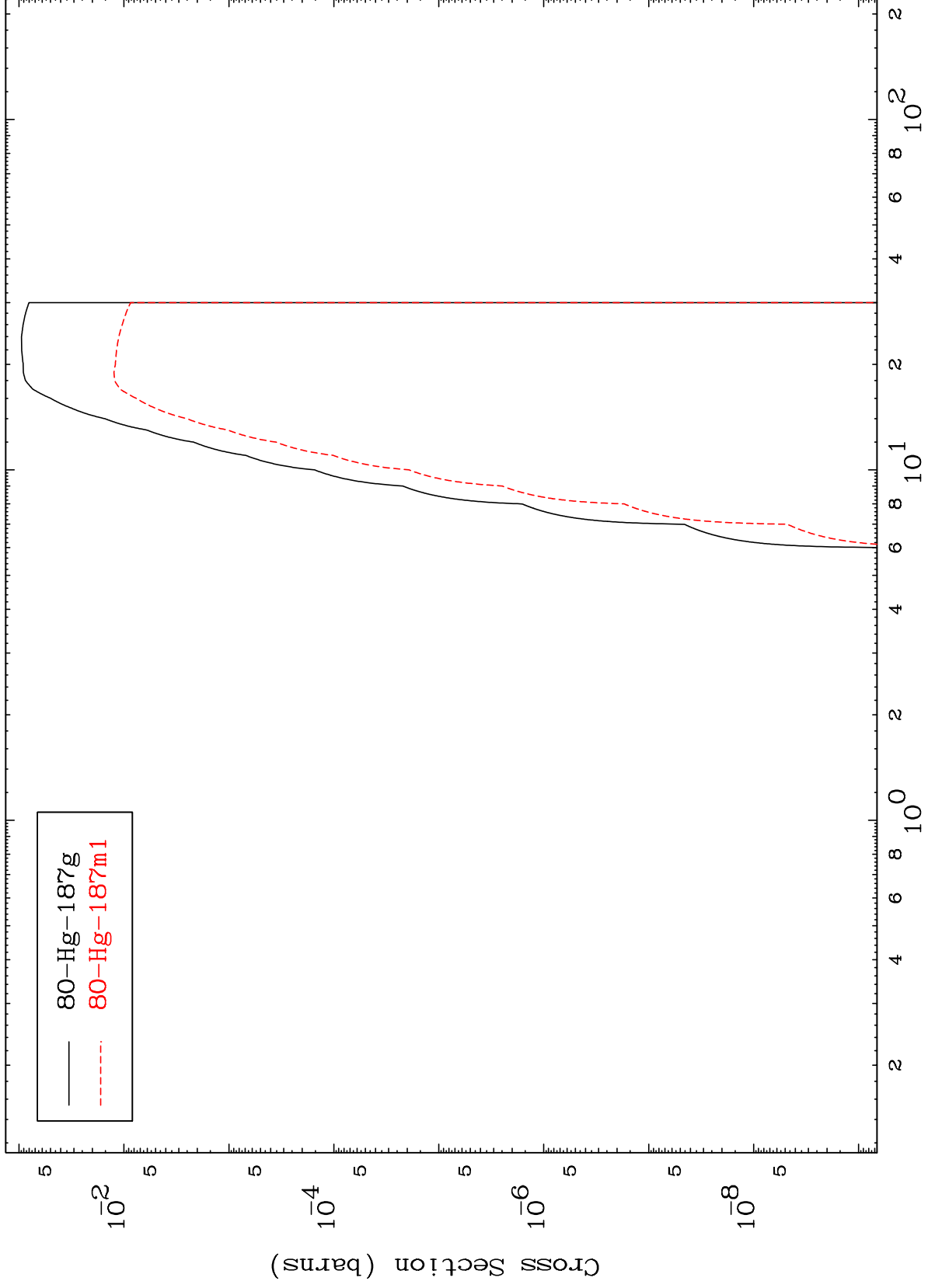
24

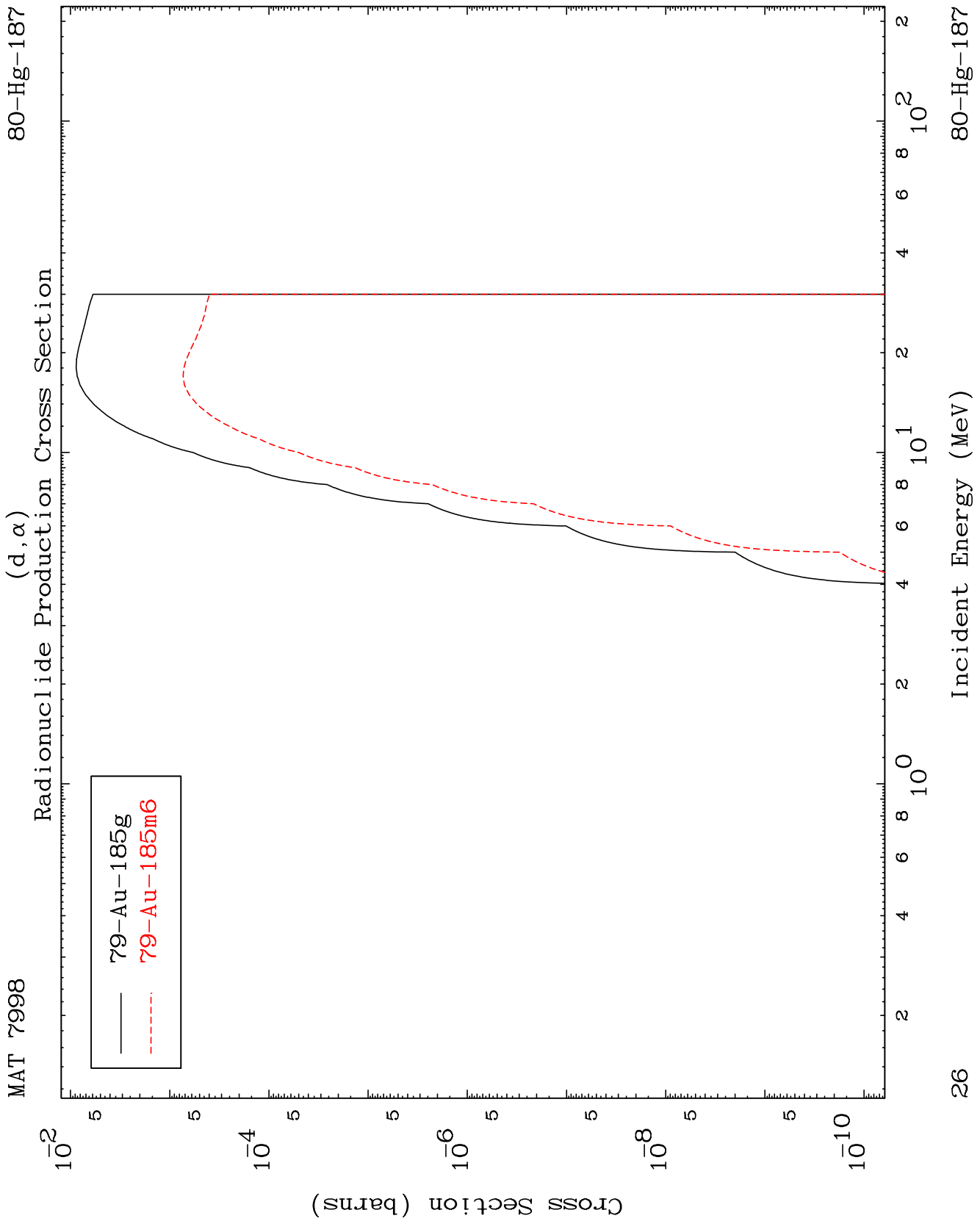
MAT 7998

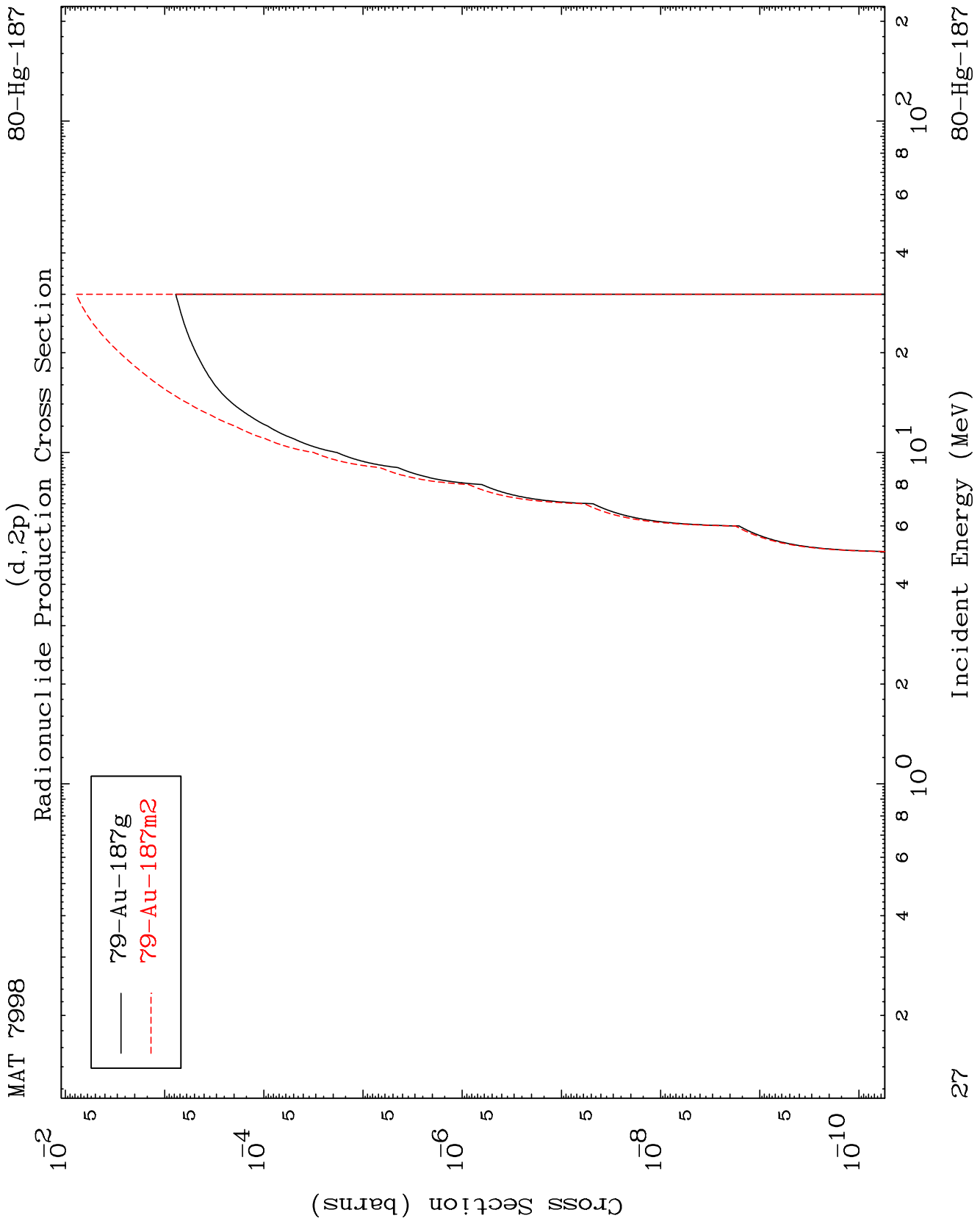
(d,d)

80-Hg-187

Radionuclide Production Cross Section





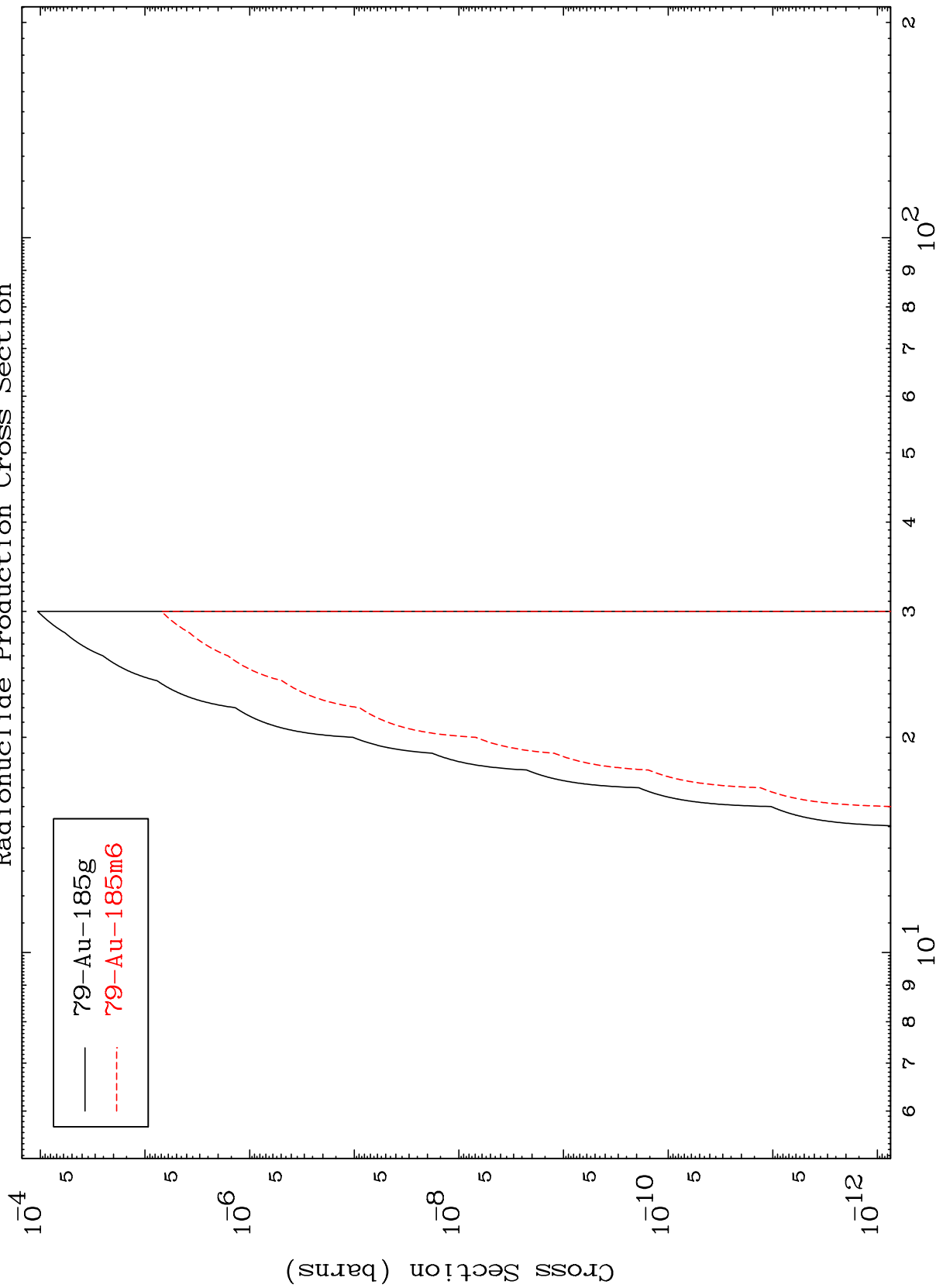


MAT 7998

(d,p) t

80-Hg-187

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-187

28

MAT 7998

(d,d) α

80-Hg-187

