

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

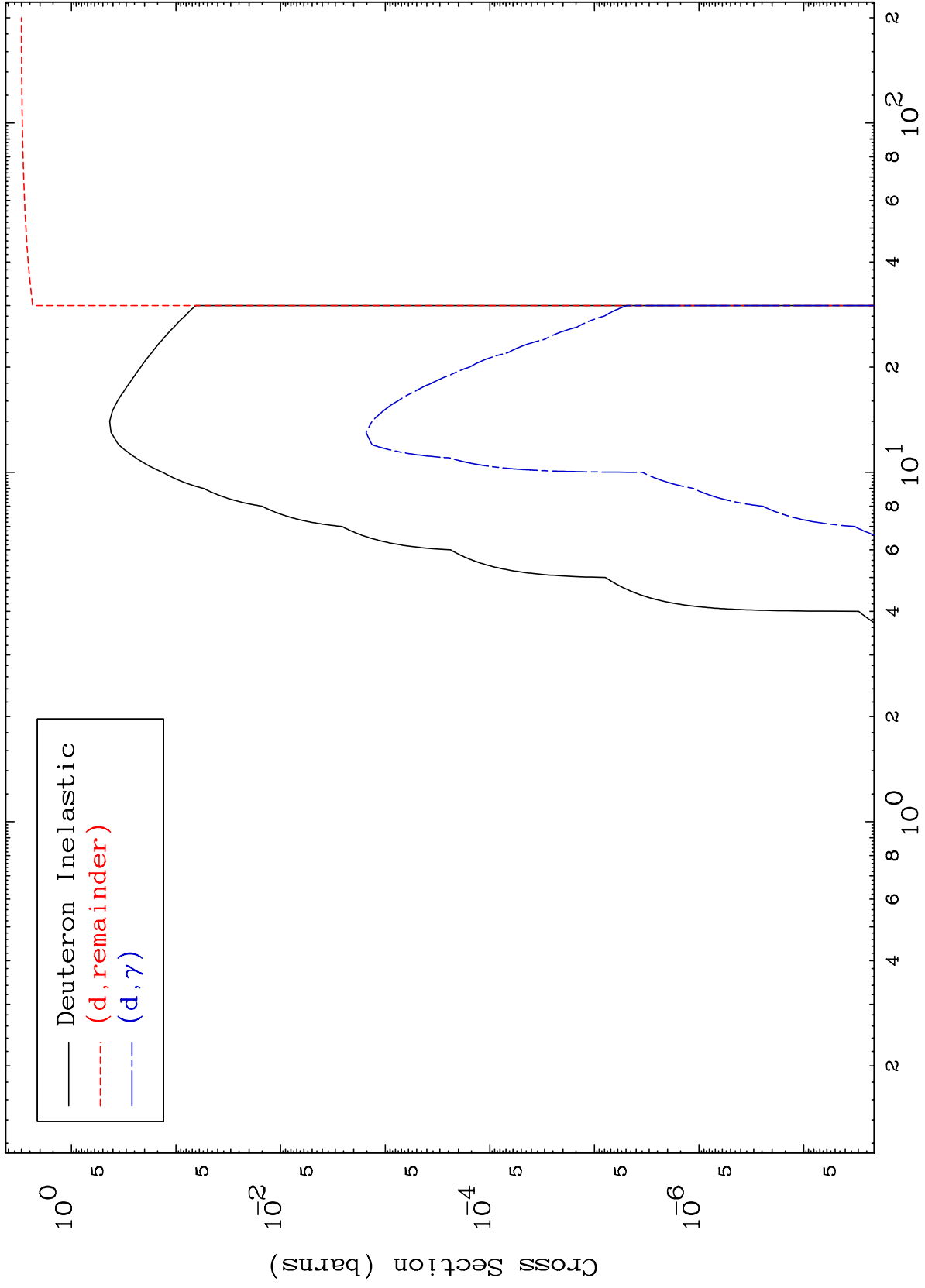
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Tele: 925-443-1911

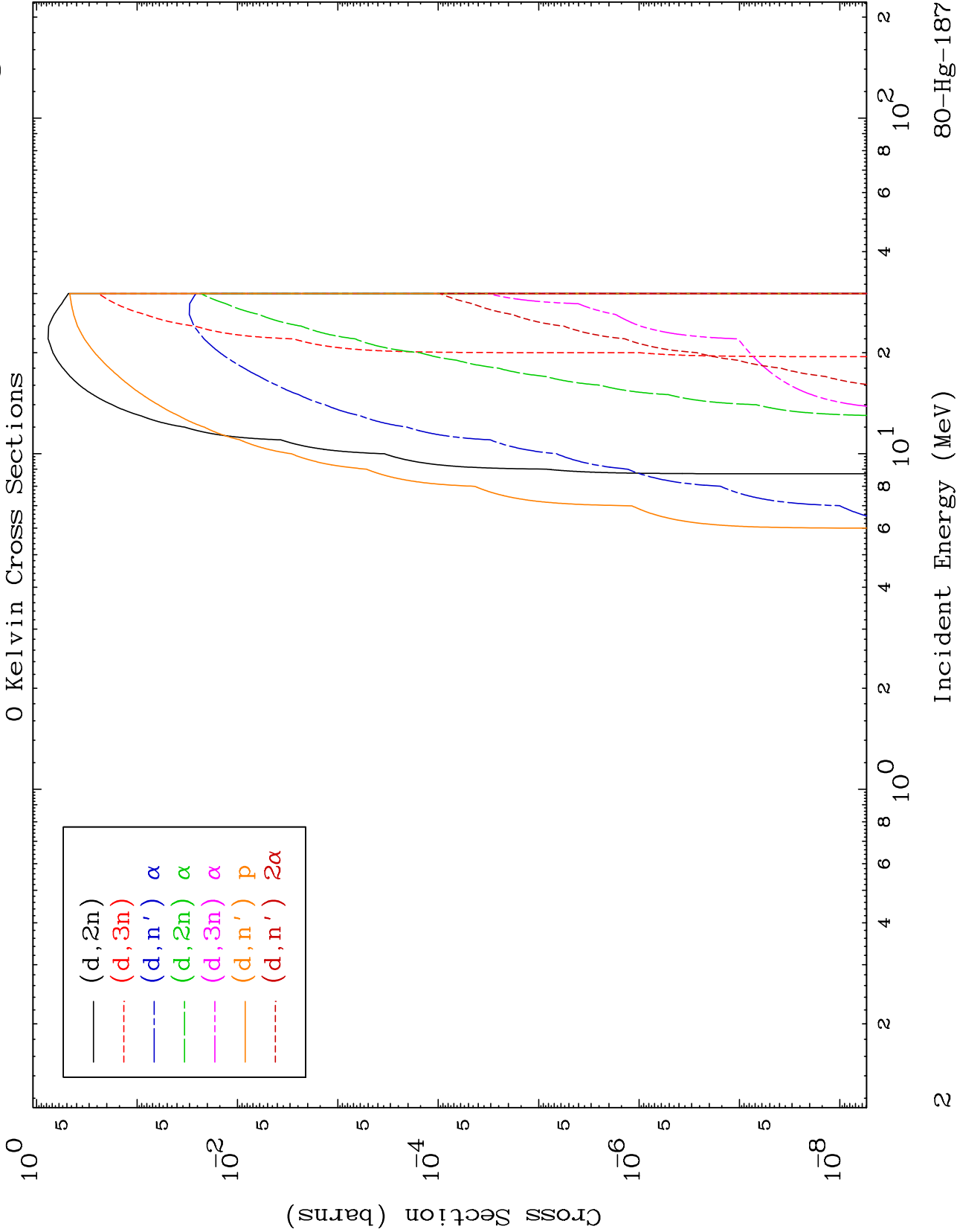
E.Mail: redcullen1@comcast.net

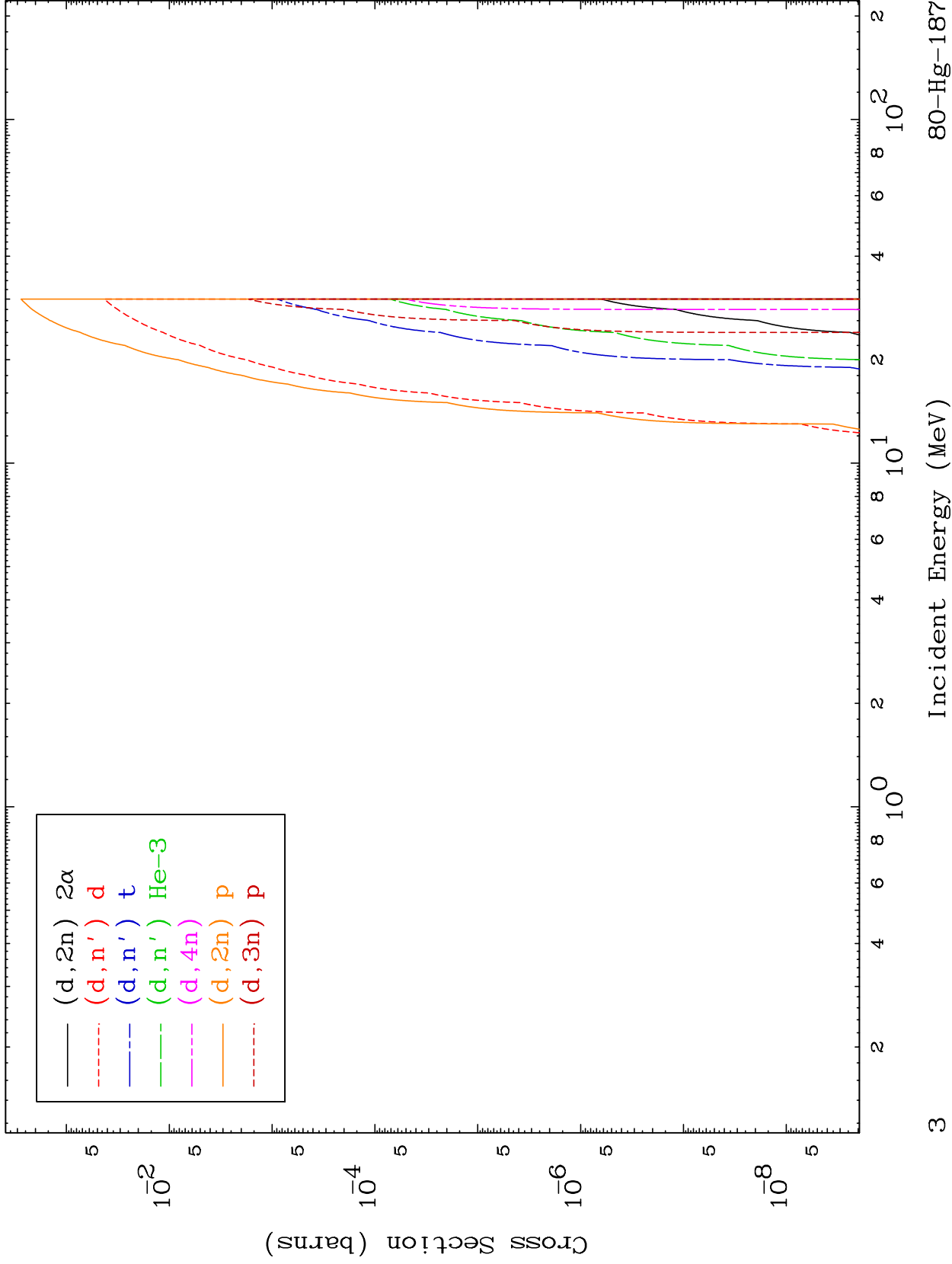
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



— Deuteron Inelastic
- - - (d, remainder)
- · - (d, γ)

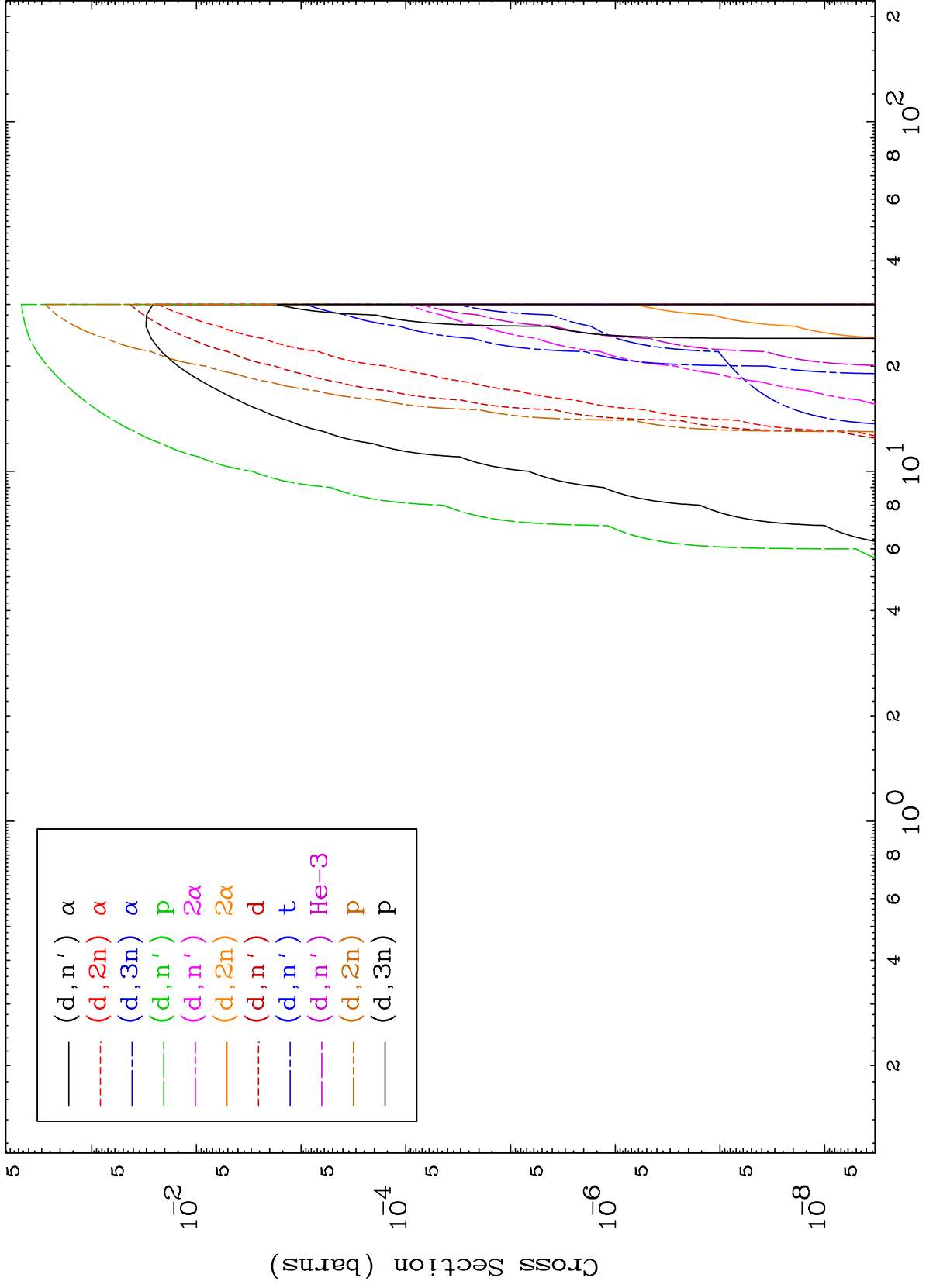


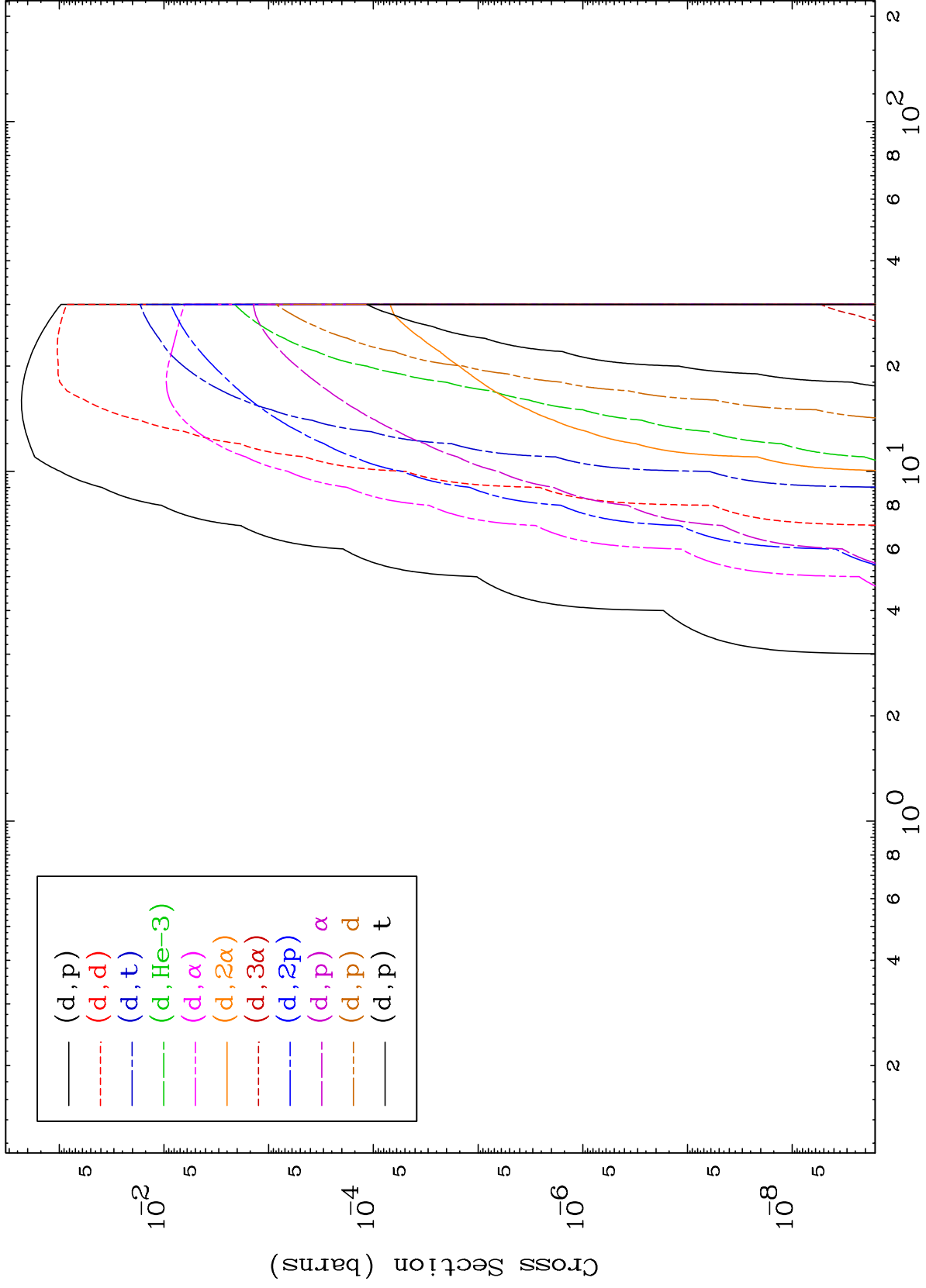


MAT 7999

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-187



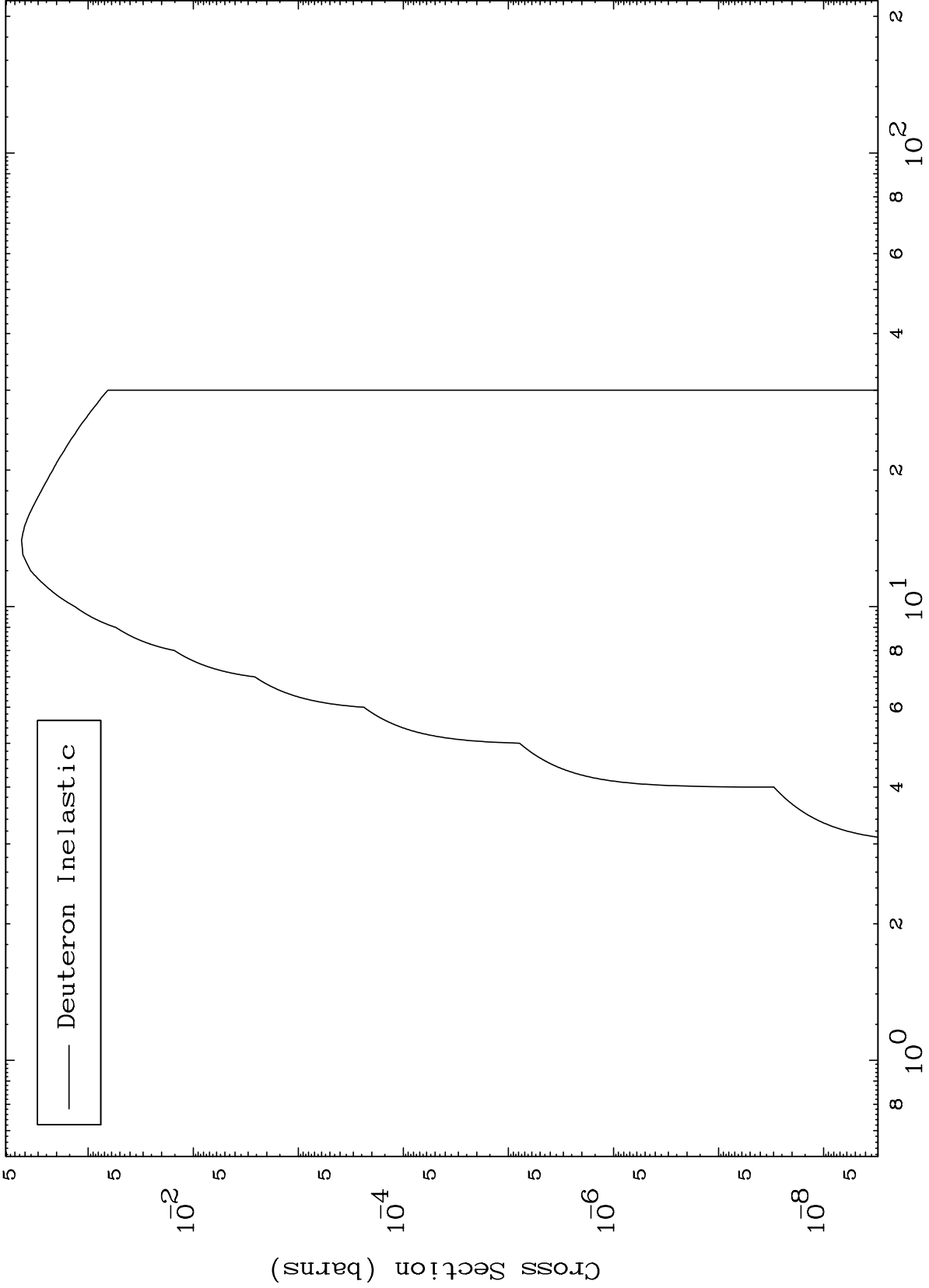


MAT 7999

(d,n') Level

80-Hg-187

0 Kelvin Cross Sections



6

Incident Energy (MeV)

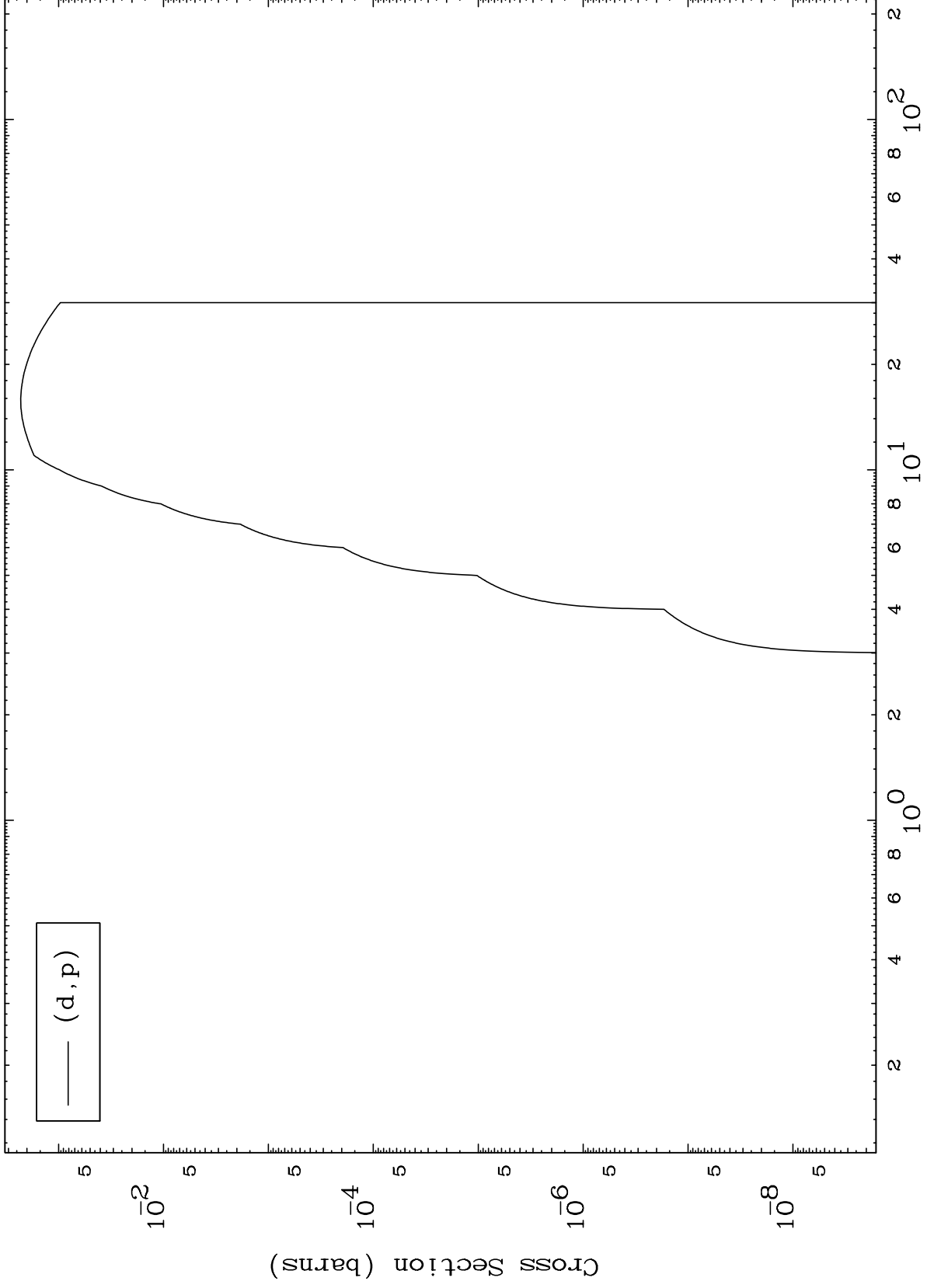
80-Hg-187

MAT 7999

(d,p) Levels

80-Hg-187

0 Kelvin Cross Sections

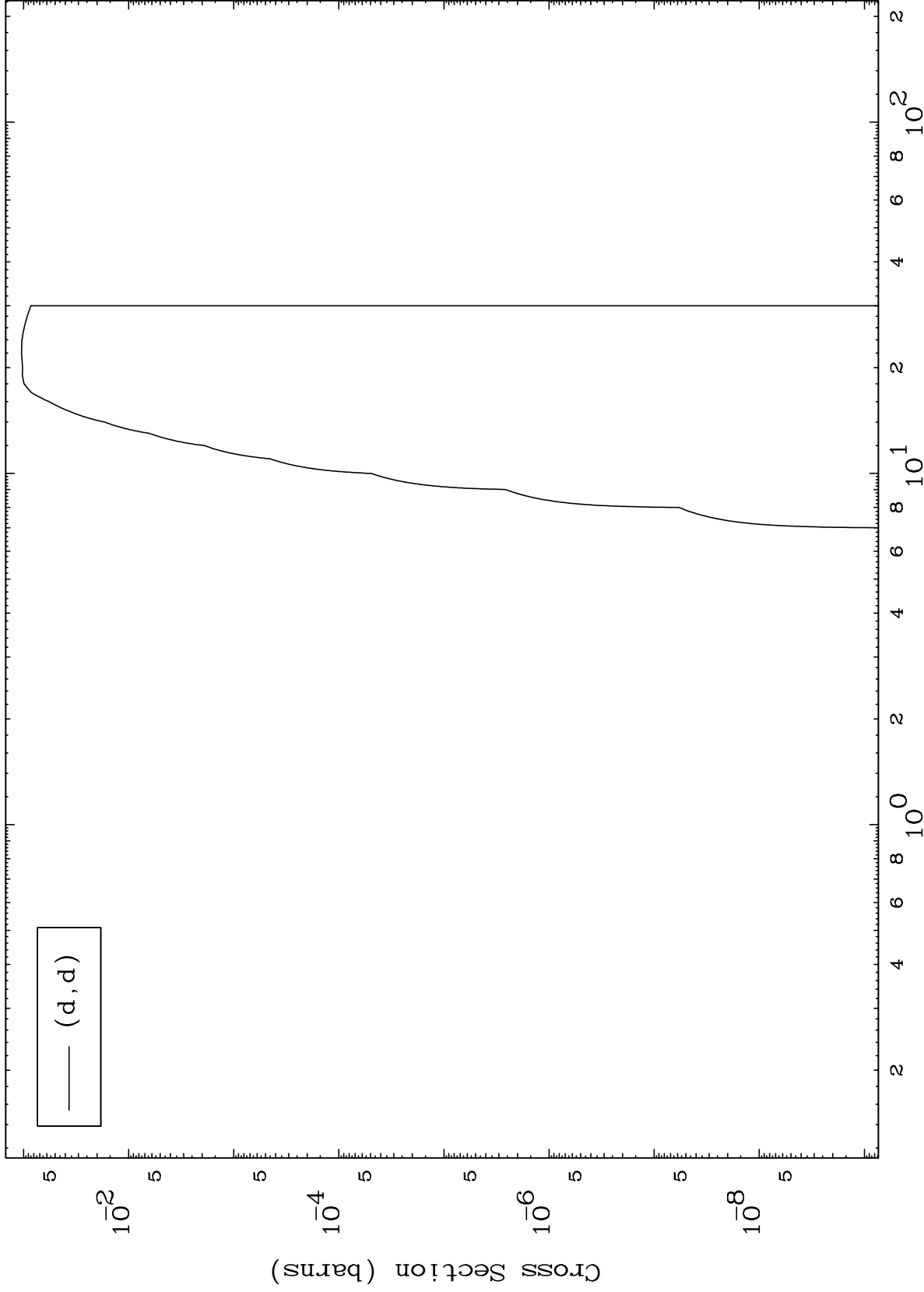


MAT 7999

(d,d) Levels

80-Hg-187

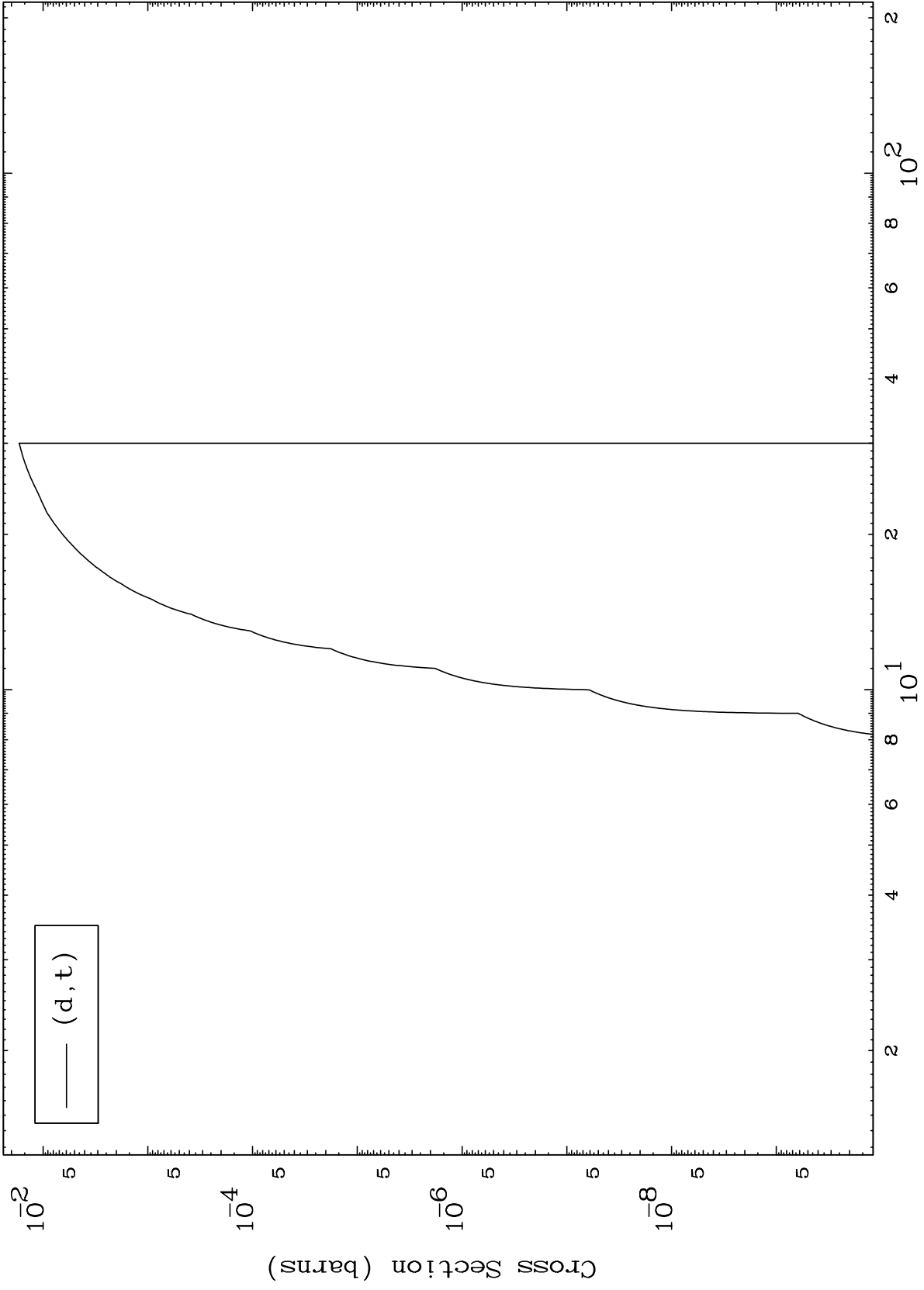
0 Kelvin Cross Sections



MAT 7999

(d,t) Levels
0 Kelvin Cross Sections

80-Hg-187

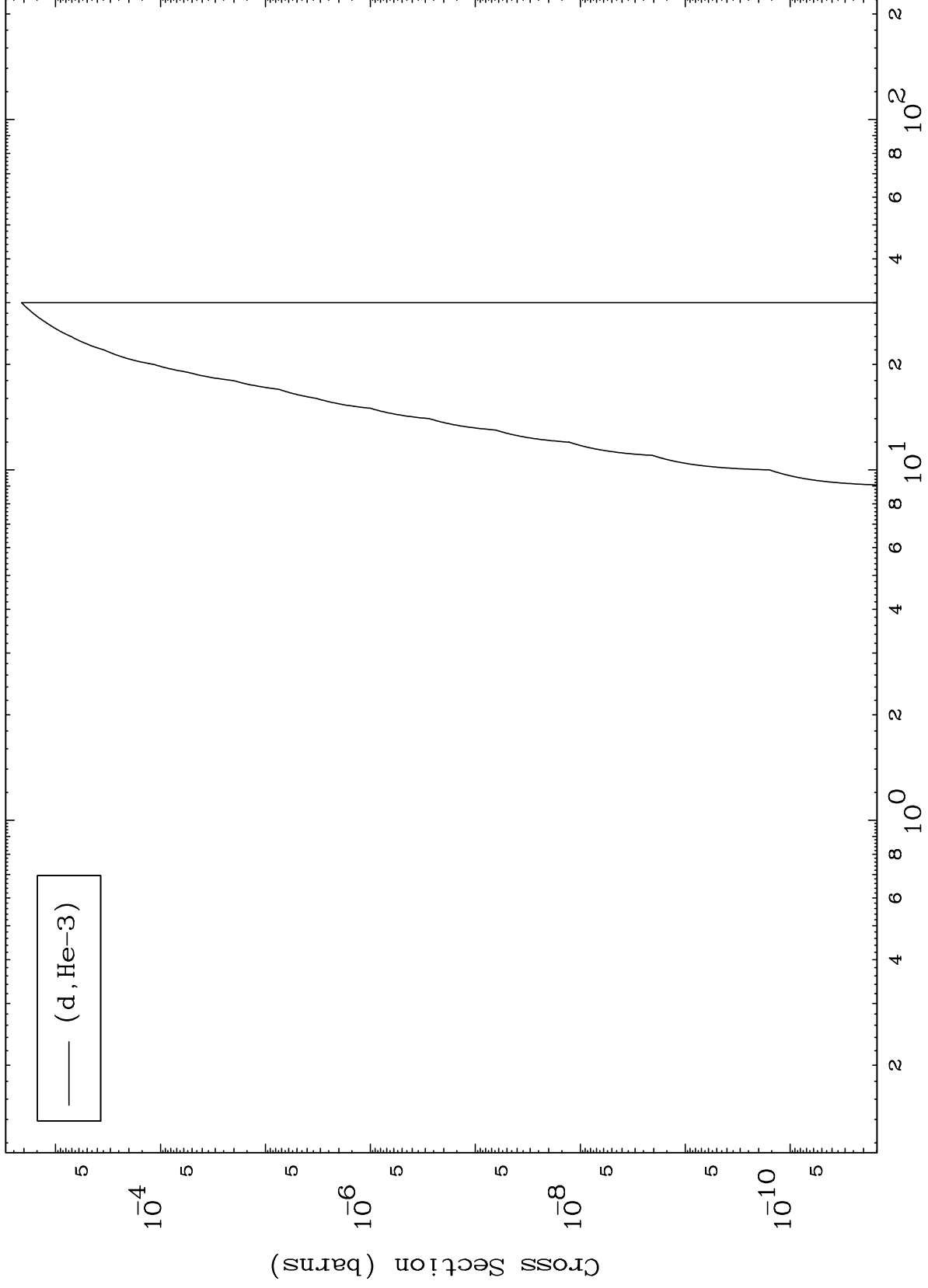


MAT 7999

(d,He3) Levels

80-Hg-187

0 Kelvin Cross Sections



10

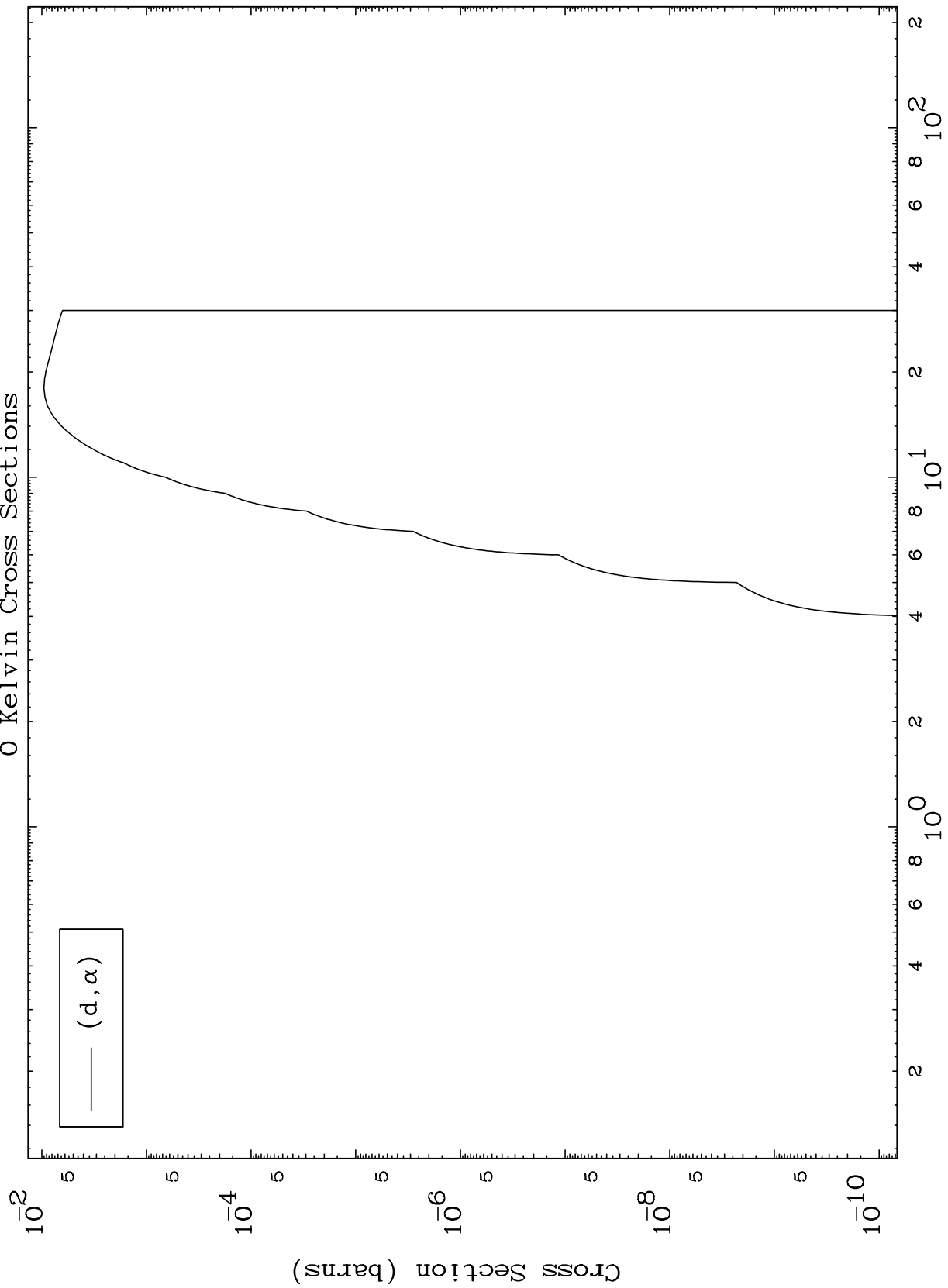
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

(d, α) Levels
0 Kelvin Cross Sections



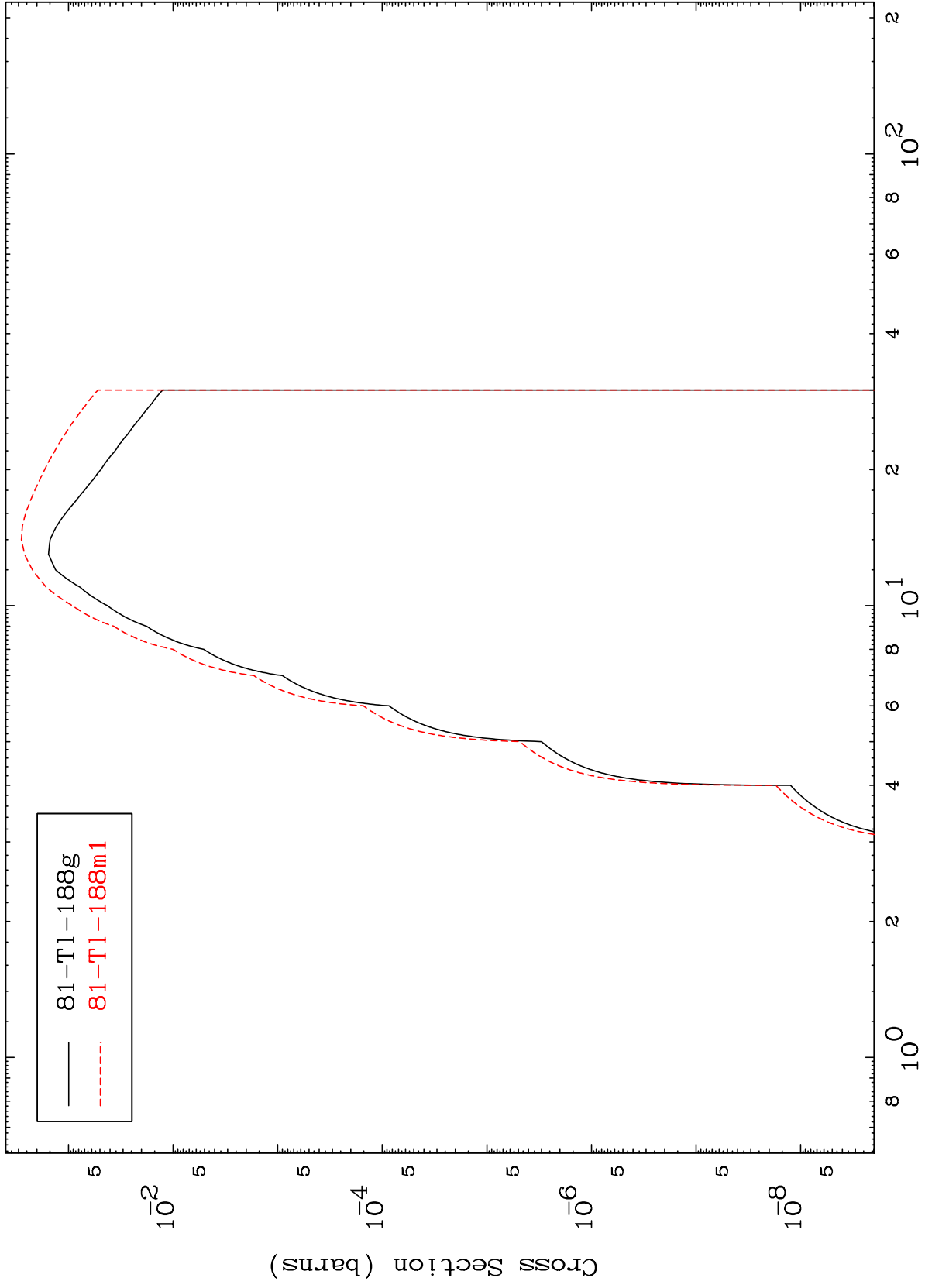
80-Hg-187

Incident Energy (MeV)

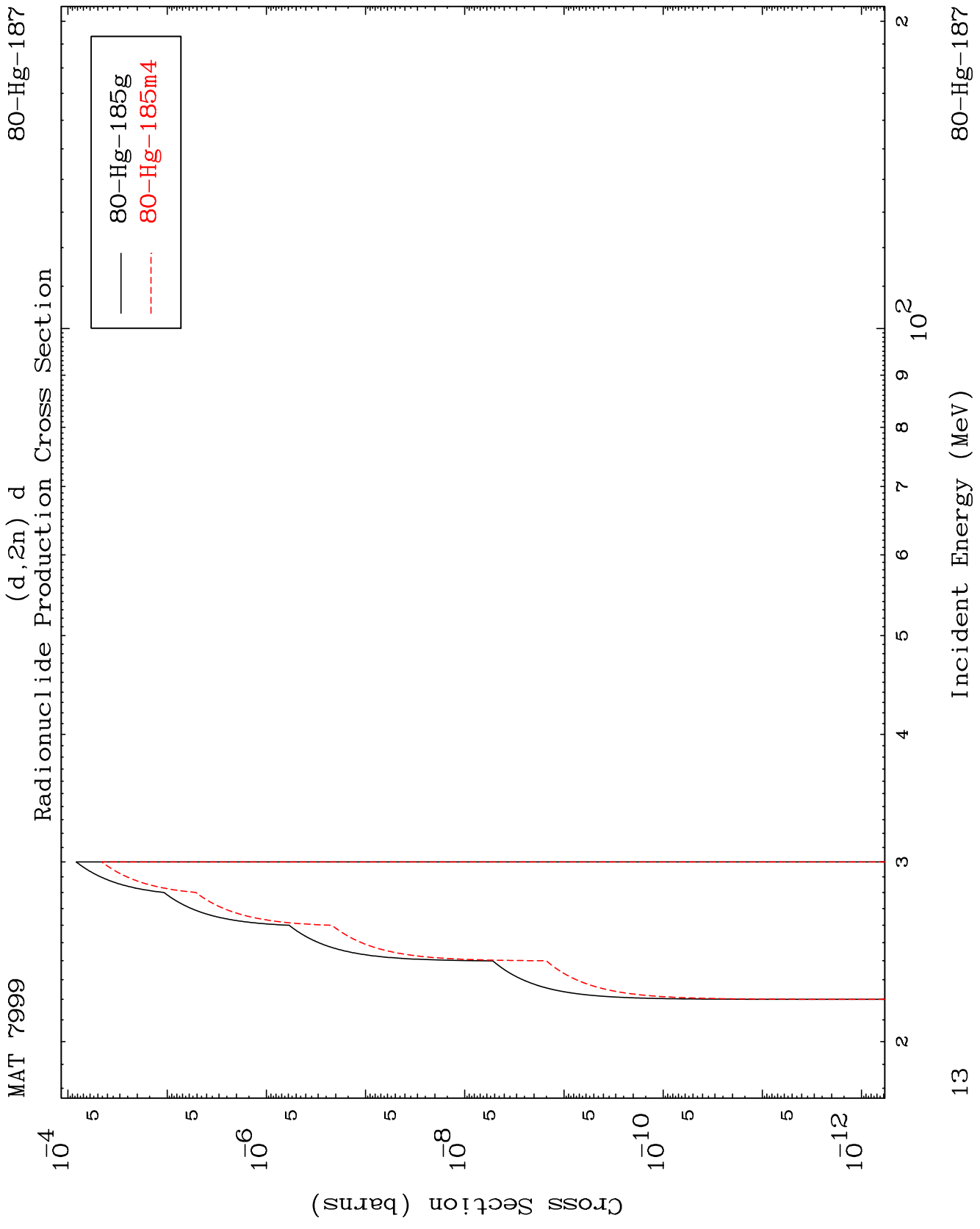
MAT 7999

Radionuclide Production Cross Section
Deuteron Inelastic

80-Hg-187



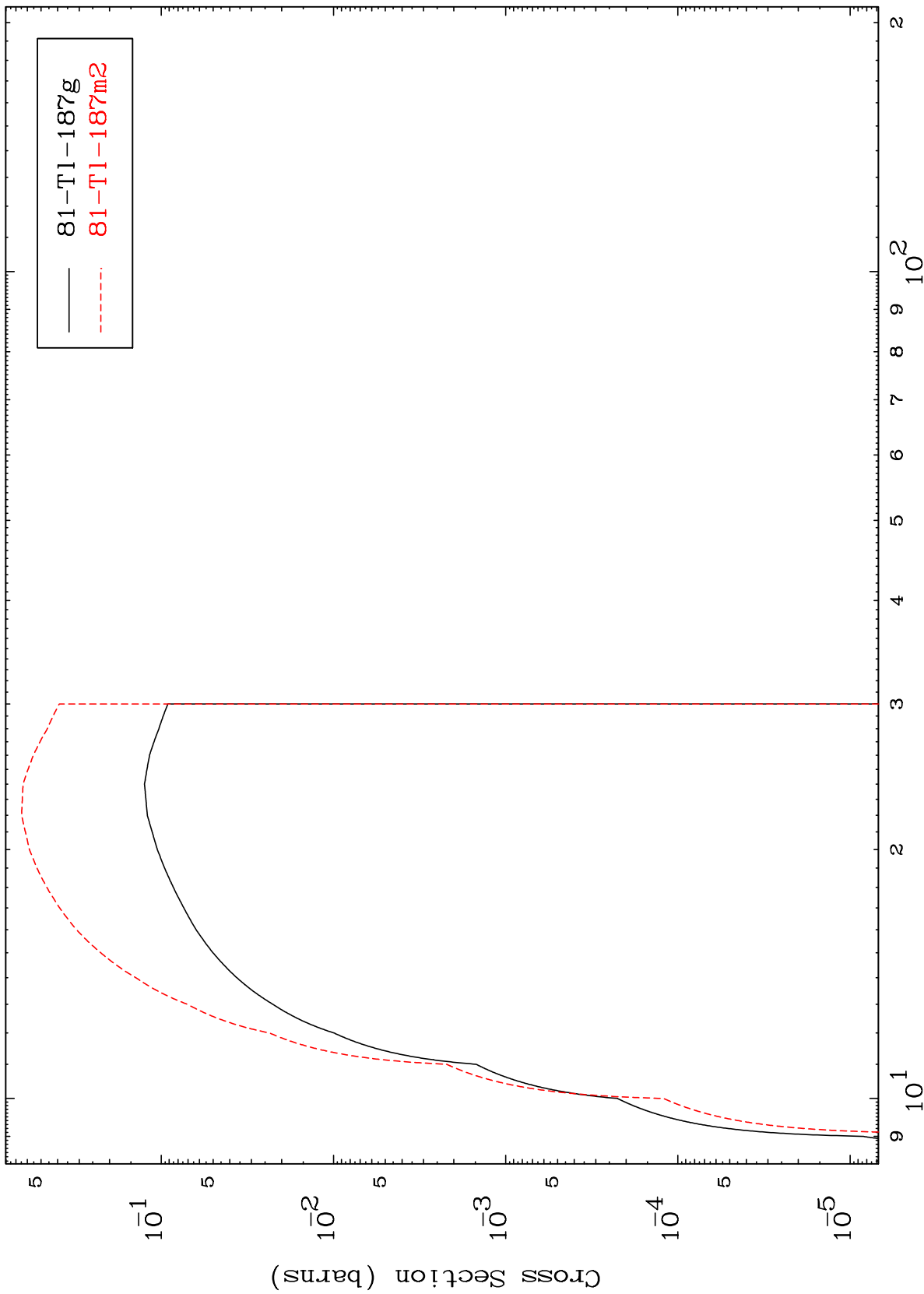
81-Tl-188g
81-Tl-188m1



MAT 7999

80-Hg-187

(d,2n)
Radionuclide Production Cross Section



80-Hg-187

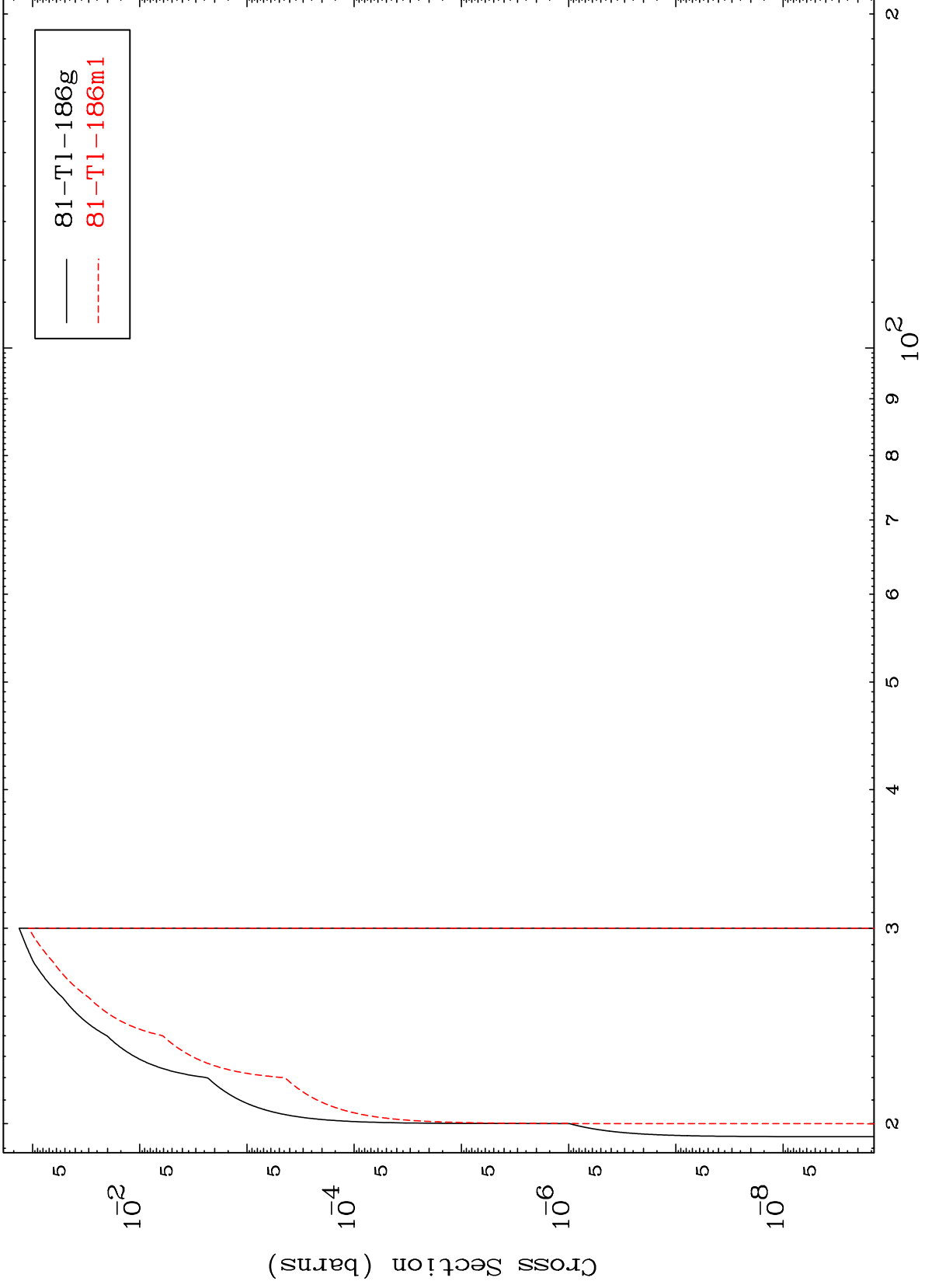
Incident Energy (MeV)

14

MAT 7999

80-Hg-187

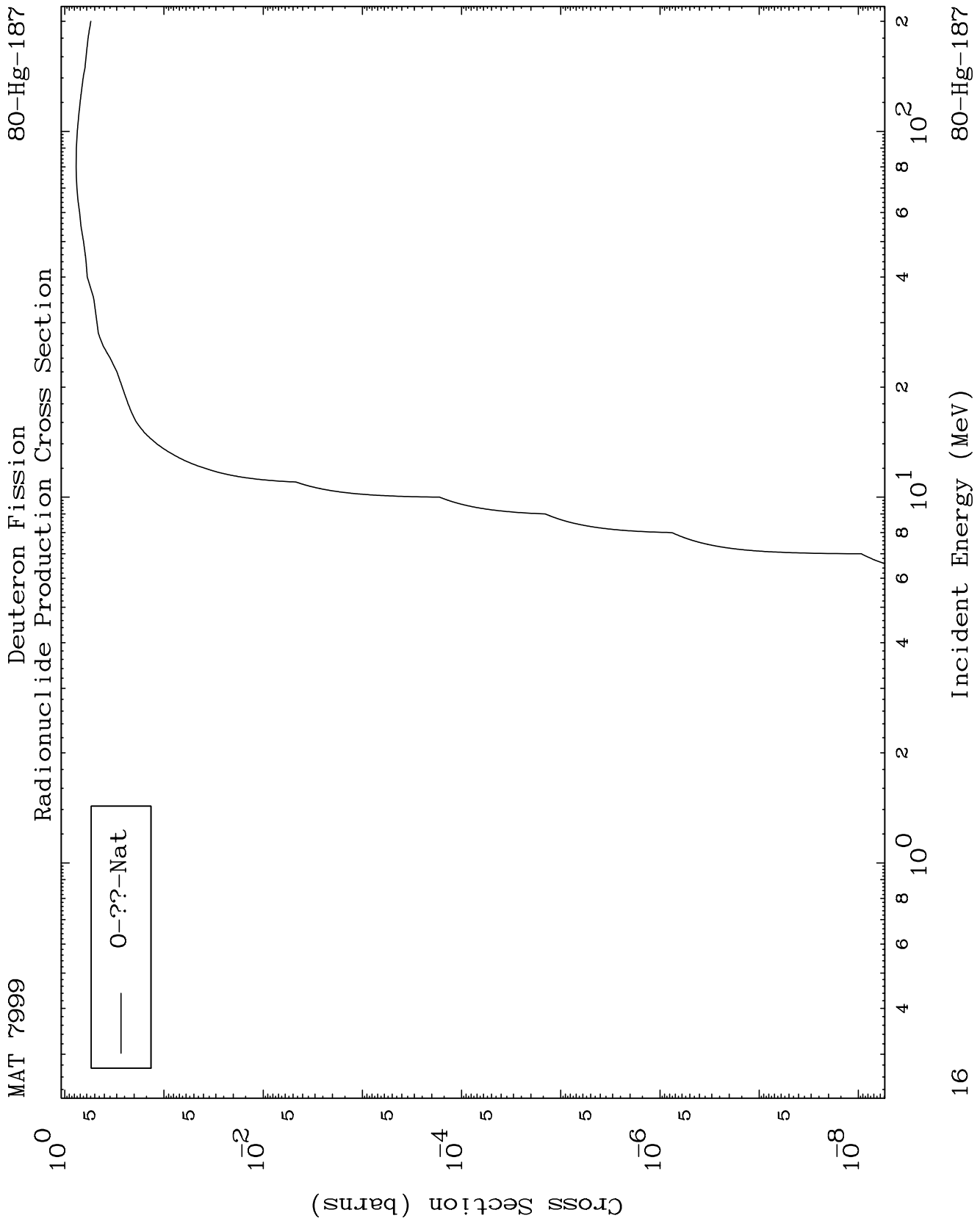
(d,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

80-Hg-187

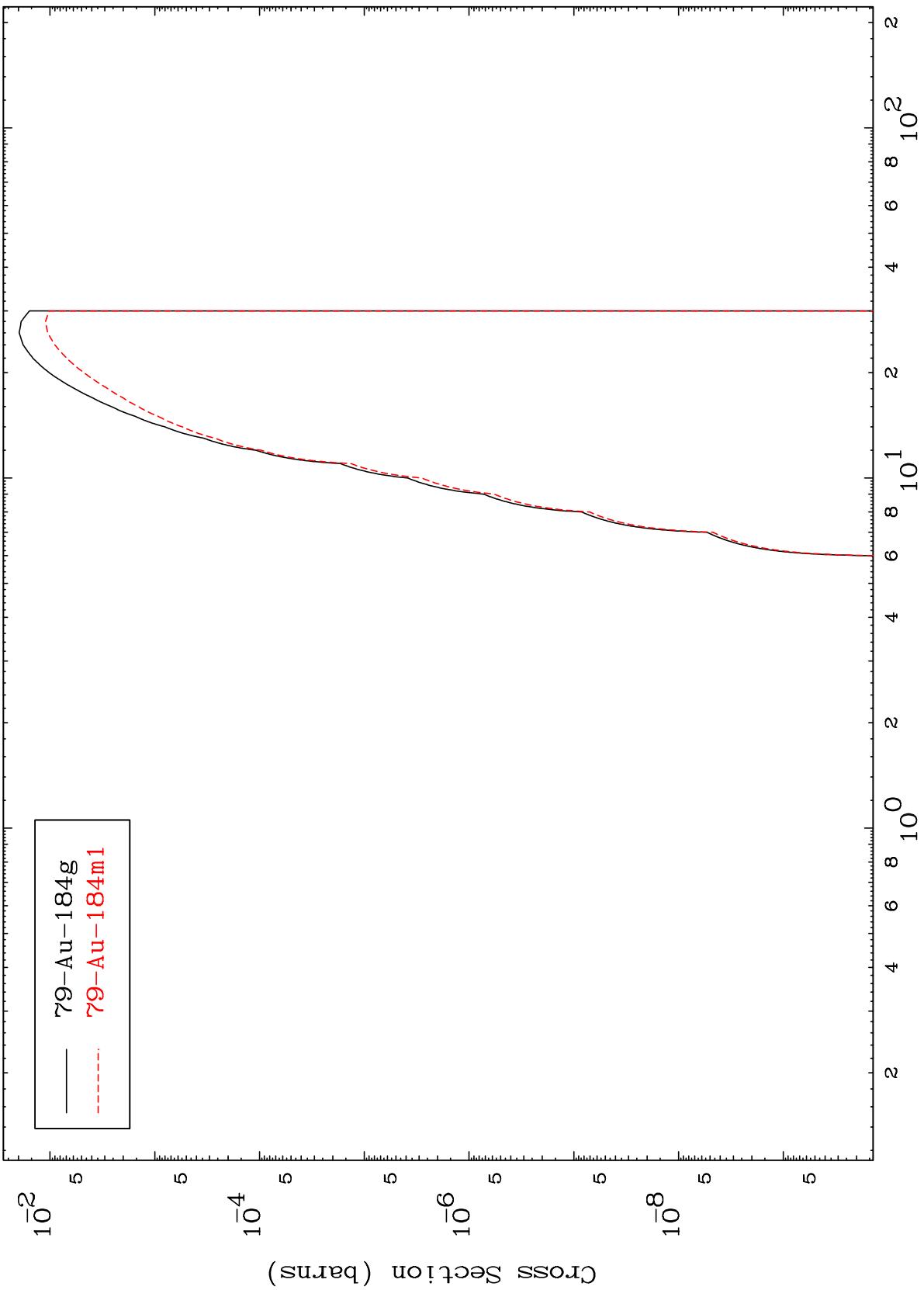


MAT 7999

(d,n') α

80-Hg-187

Radionuclide Production Cross Section

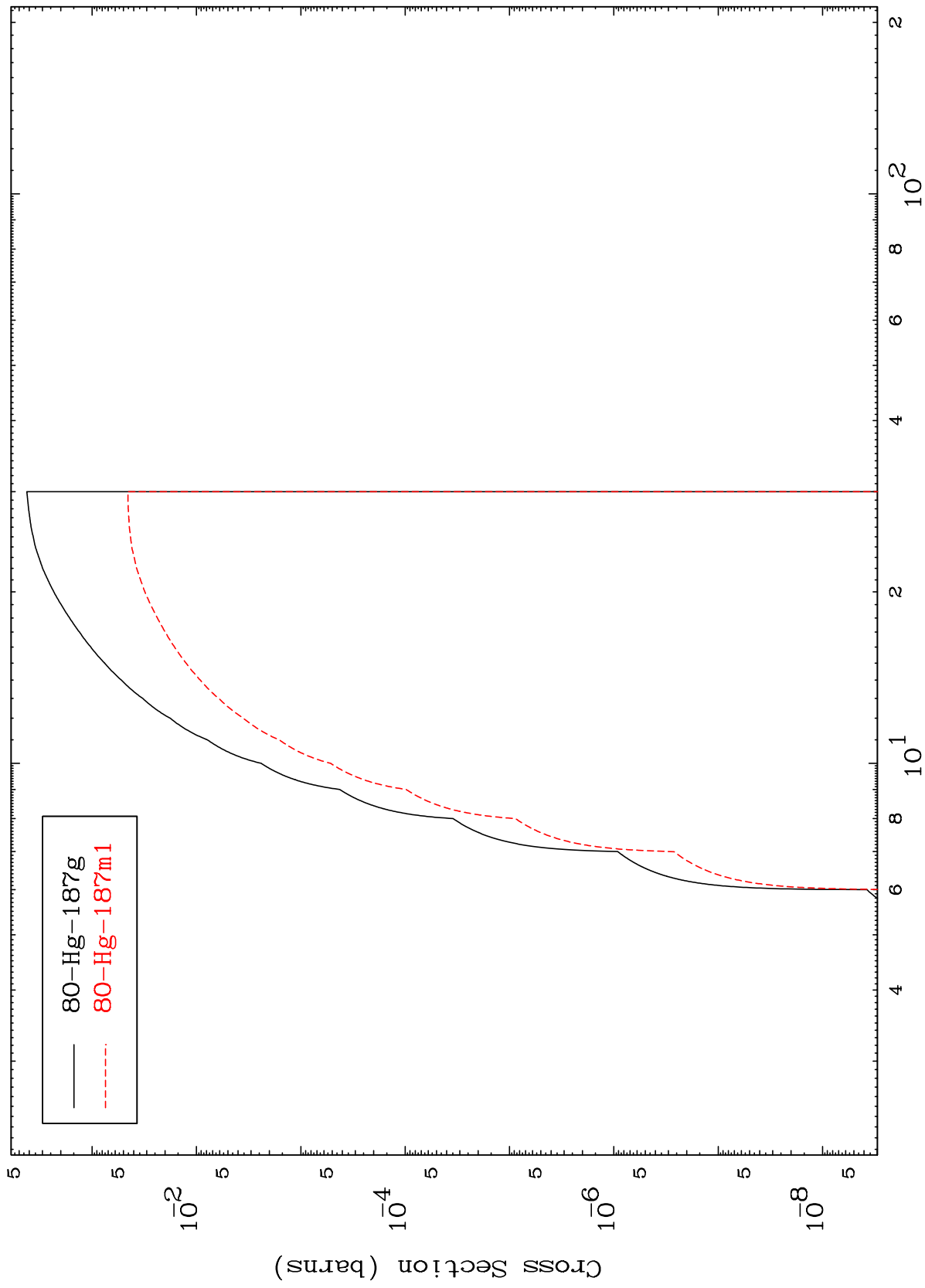


79-Au-184g
79-Au-184m1

MAT 7999

80-Hg-187

(d,n') p
Radionuclide Production Cross Section



80-Hg-187

Incident Energy (MeV)

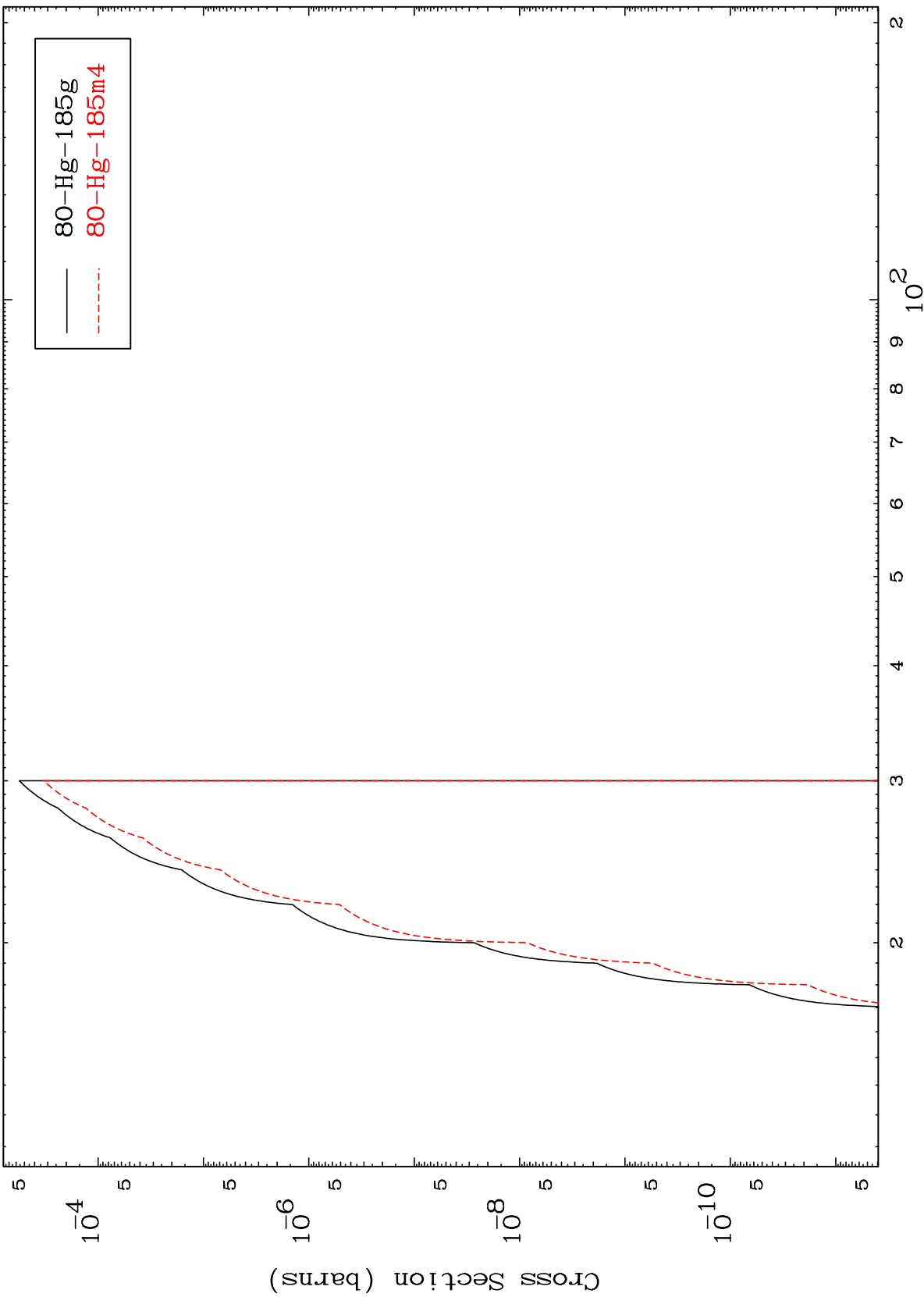
18

MAT 7999

(d,n') t

80-Hg-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

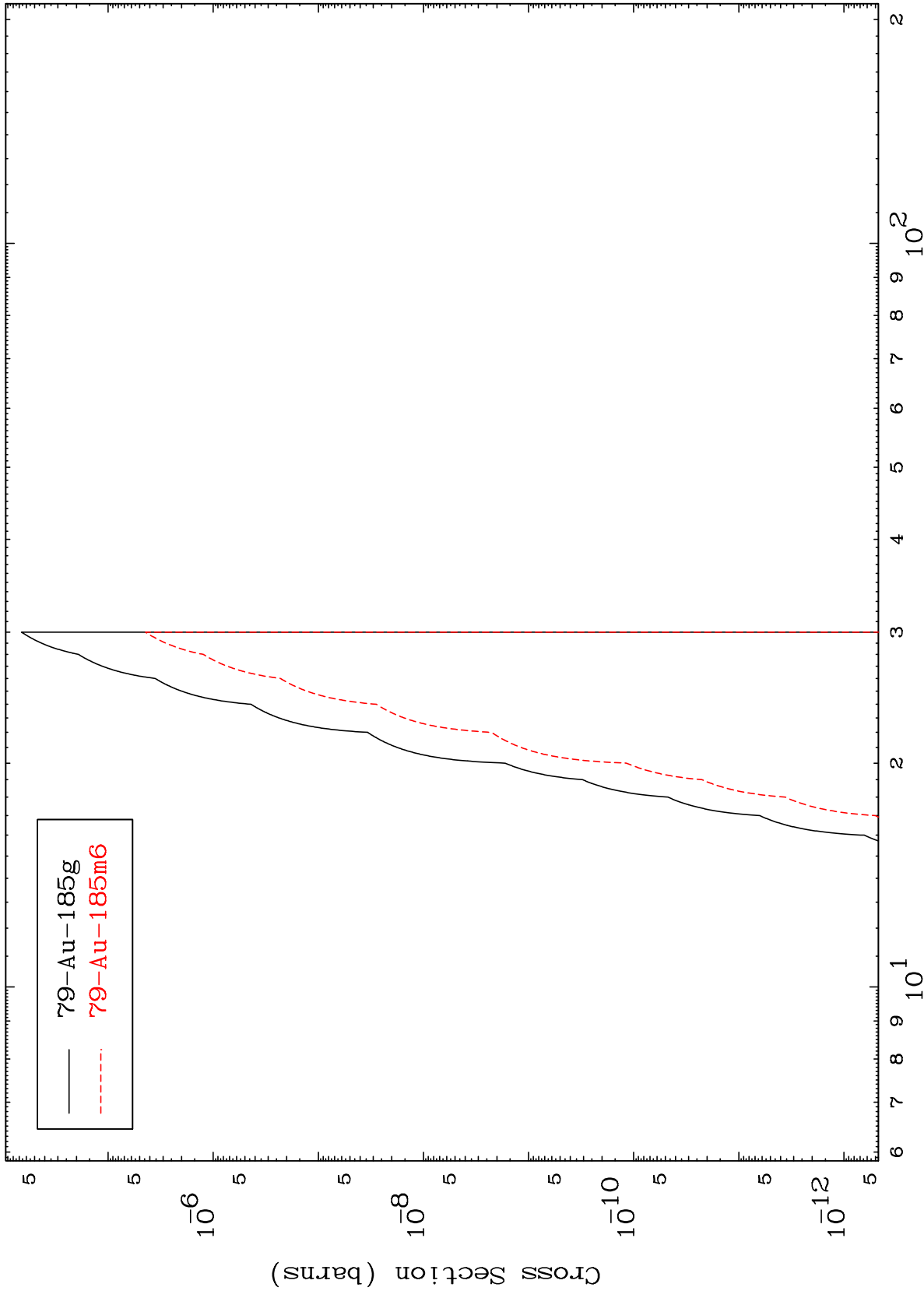
80-Hg-187

MAT 7999

(d,n') He-3

80-Hg-187

Radionuclide Production Cross Section



20

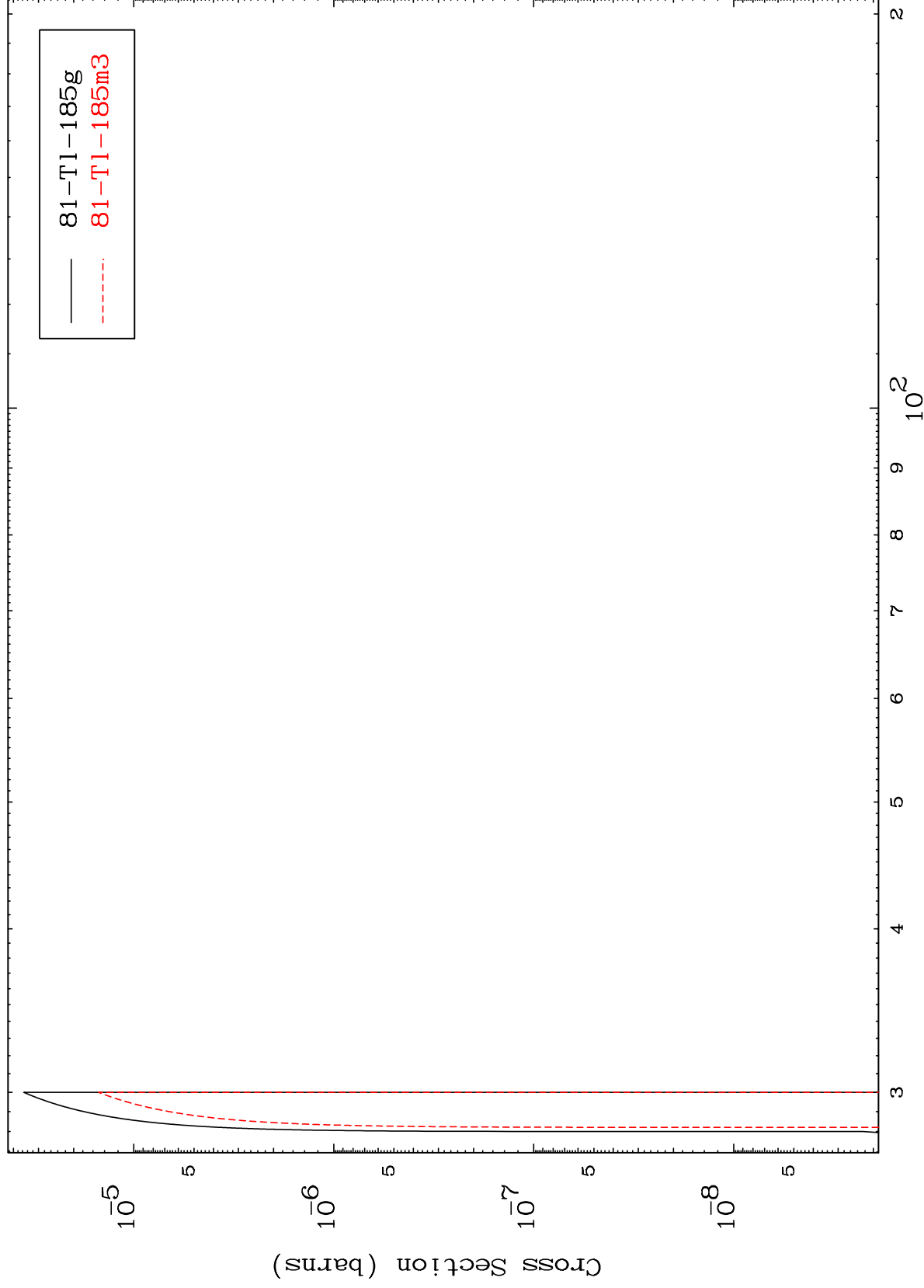
Incident Energy (MeV)

80-Hg-187

MAT 7999

80-Hg-187

(d,4n)
Radionuclide Production Cross Section

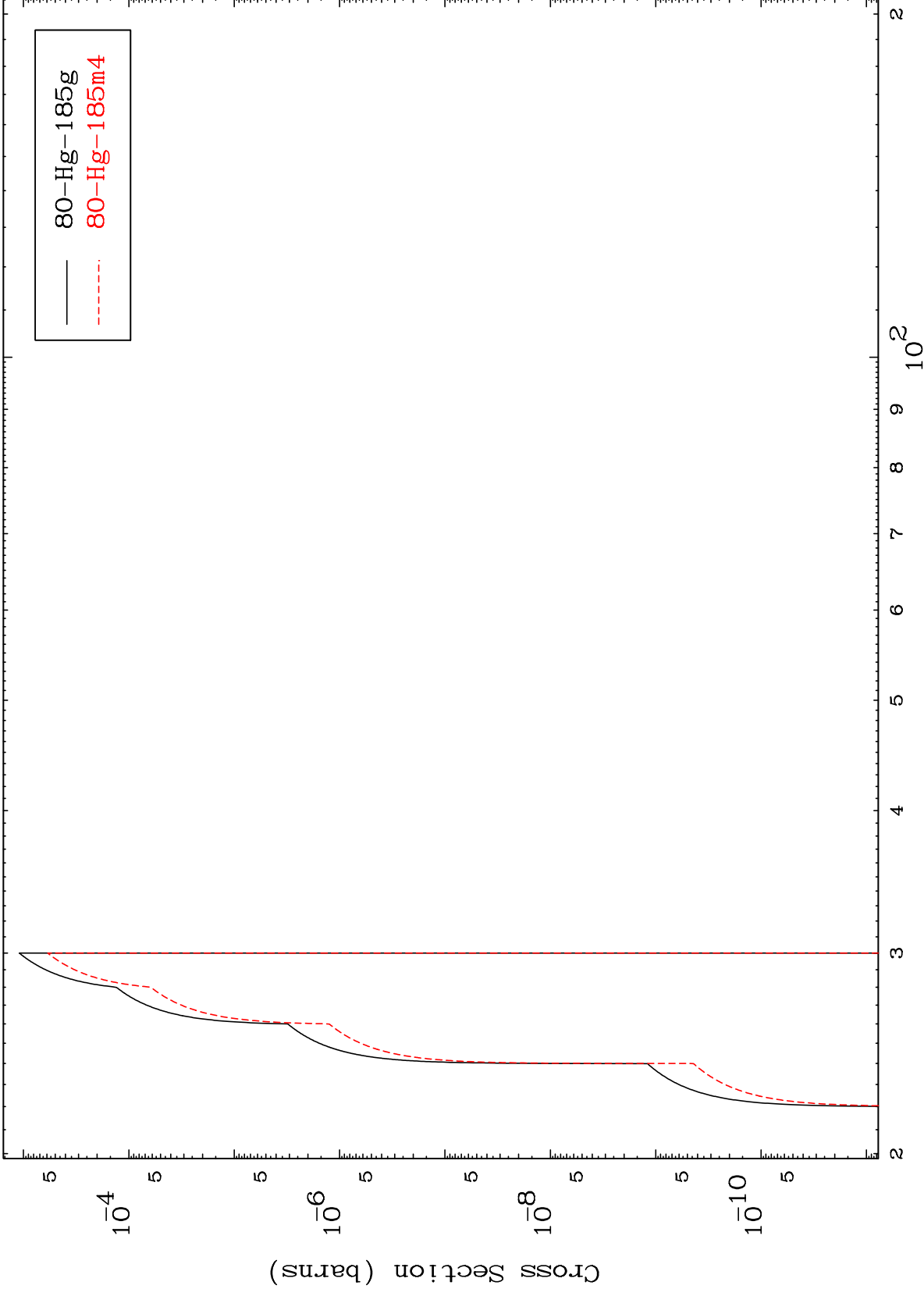


21

80-Hg-187

Incident Energy (MeV)

Radionuclide Production Cross Section

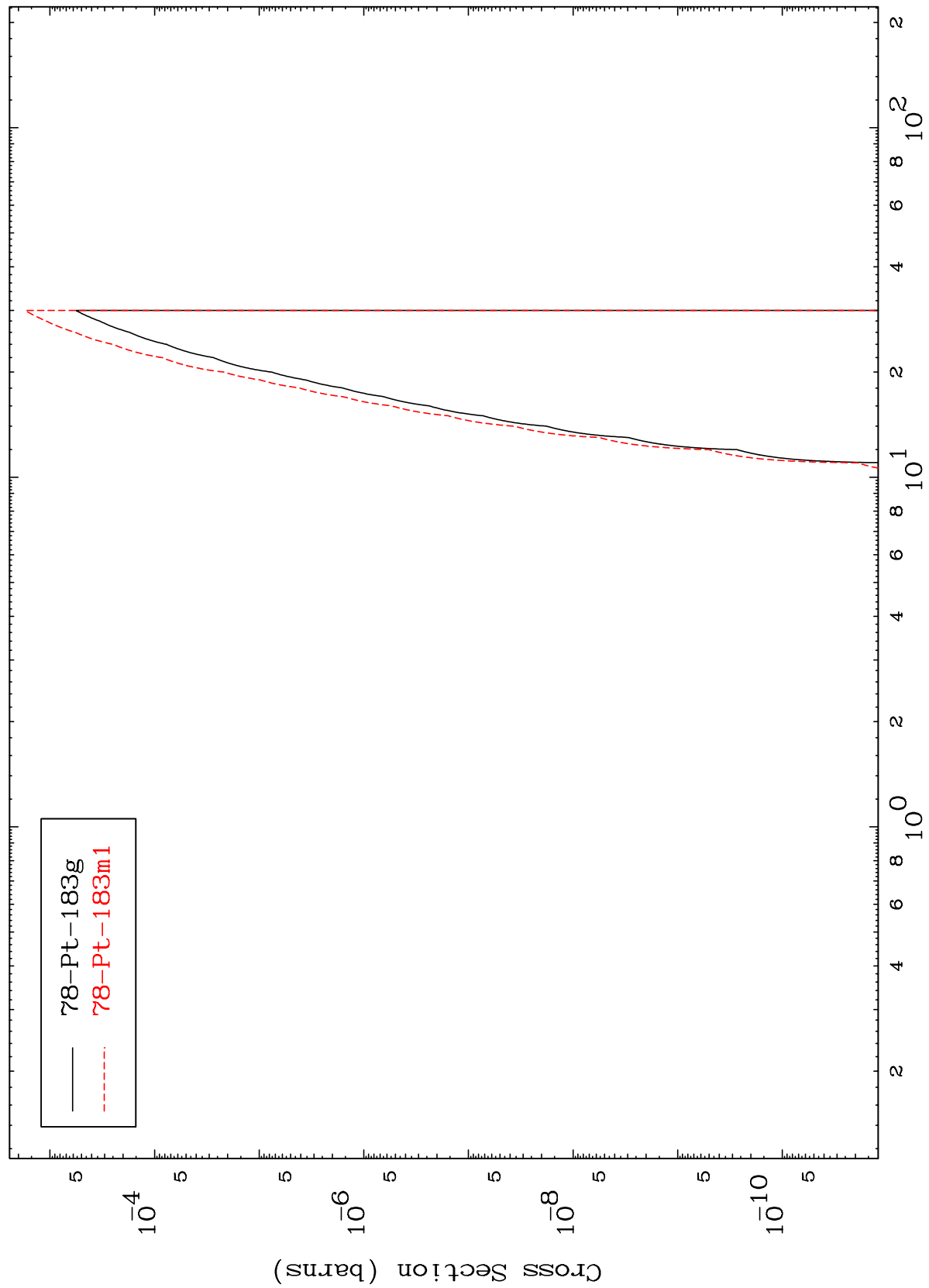


MAT 7999

(d,n') p α

80-Hg-187

Radionuclide Production Cross Section

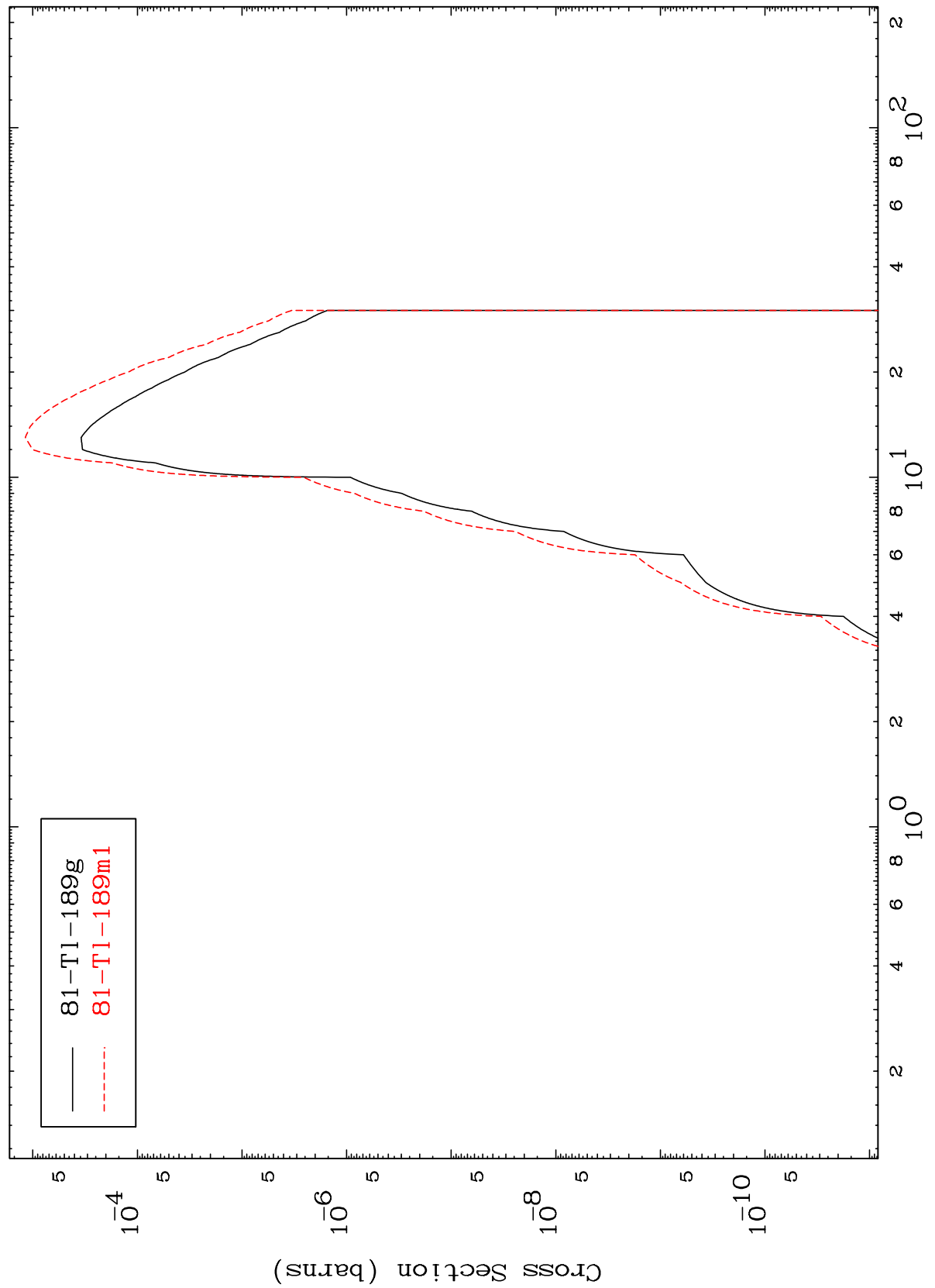


— 78-Pt-183g
- - - 78-Pt-183m1

MAT 7999

80-Hg-187

(d, γ)
Radionuclide Production Cross Section

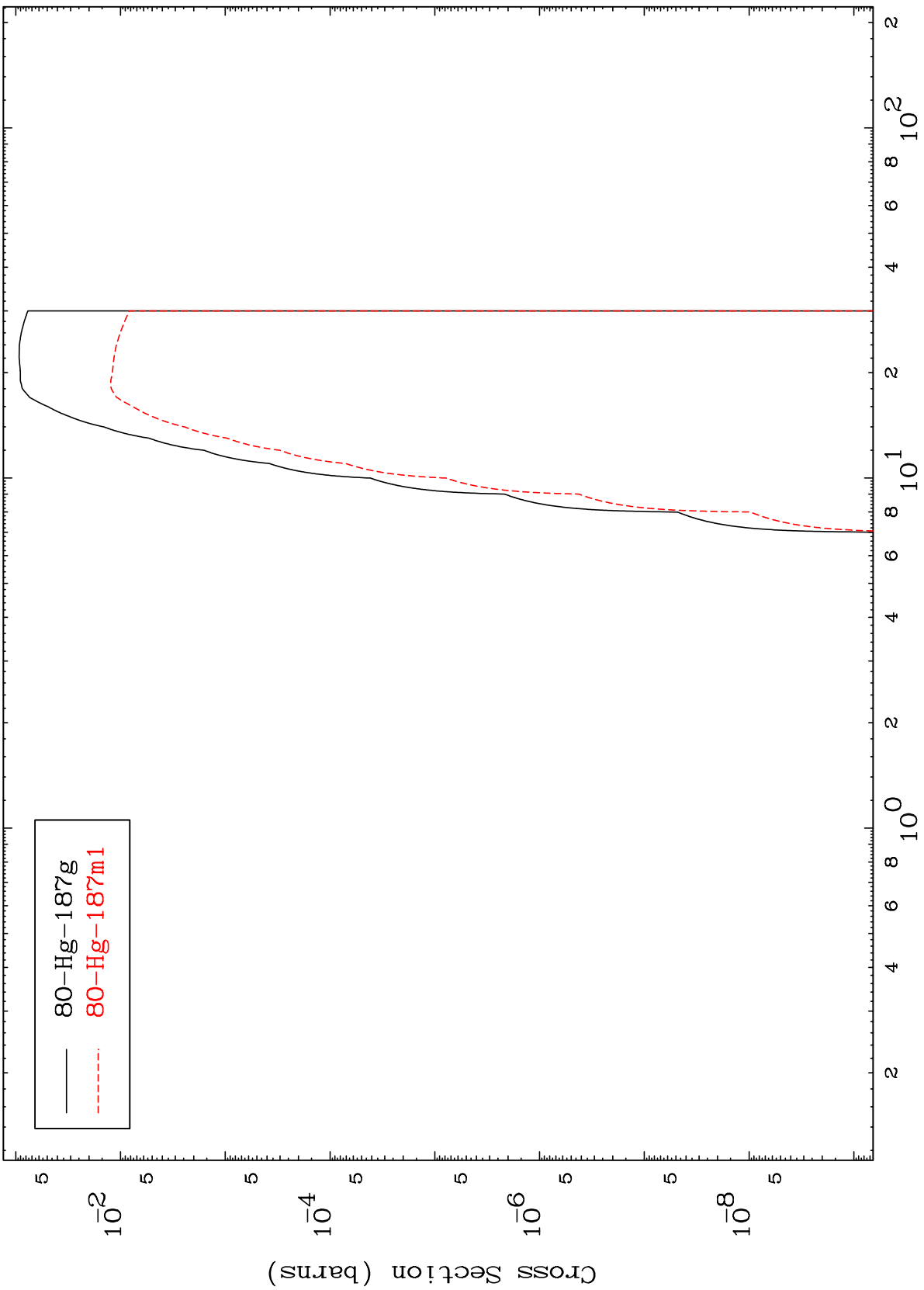


MAT 7999

(d,d)

80-Hg-187

Radionuclide Production Cross Section

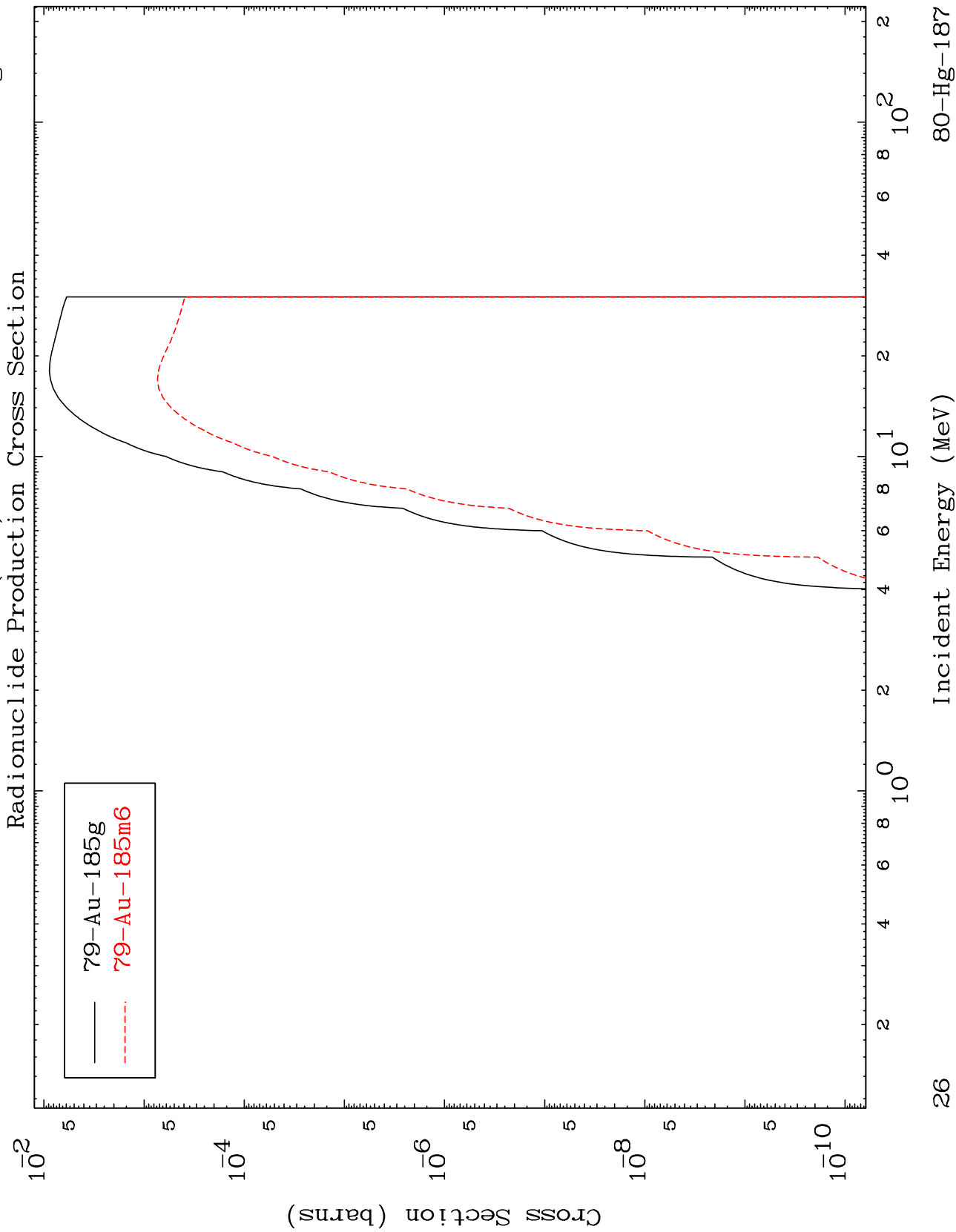


80-Hg-187g
80-Hg-187m1

MAT 7999

(d, α)

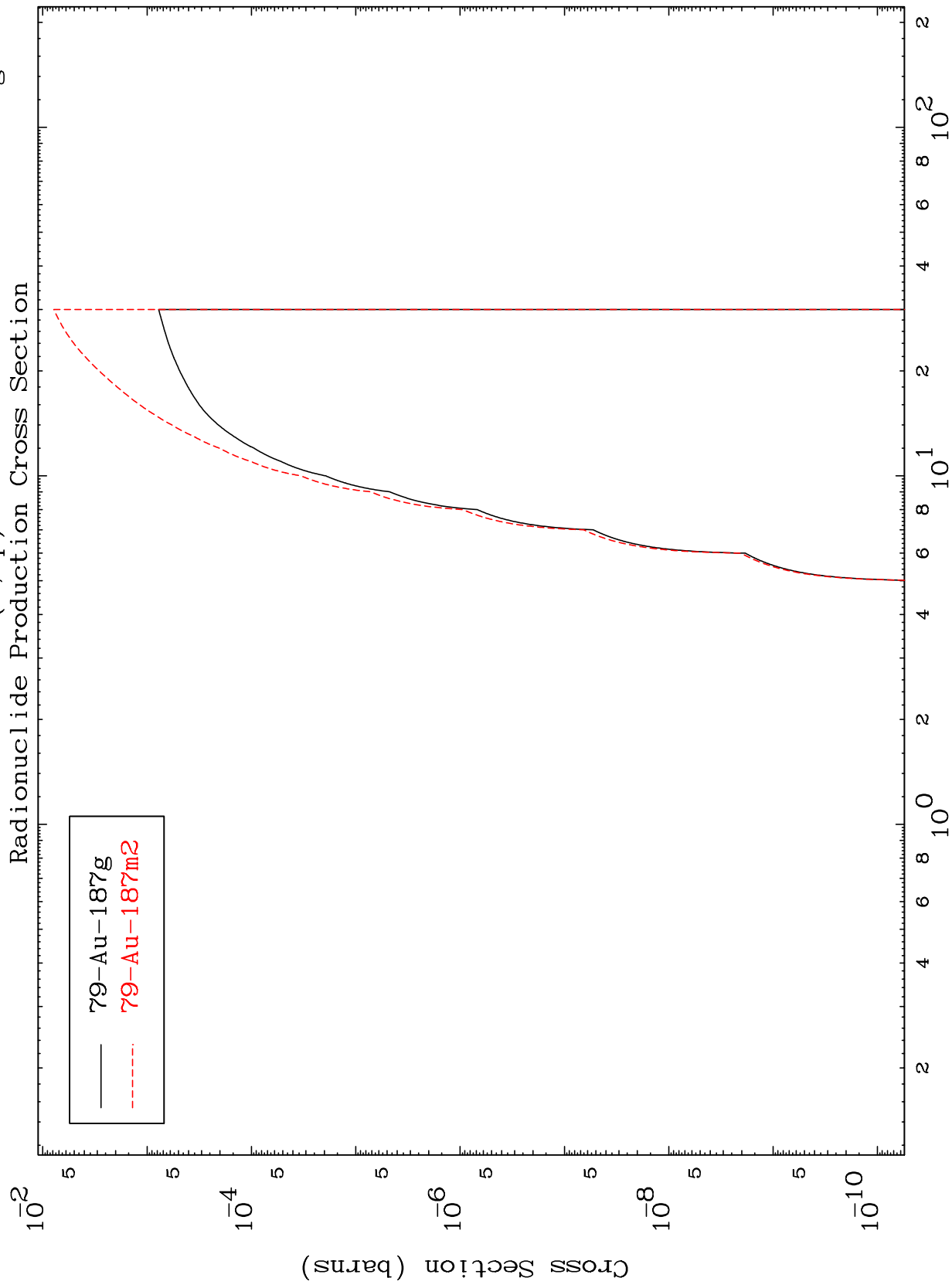
80-Hg-187



MAT 7999

80-Hg-187

(d,2p)
Radionuclide Production Cross Section



27

80-Hg-187

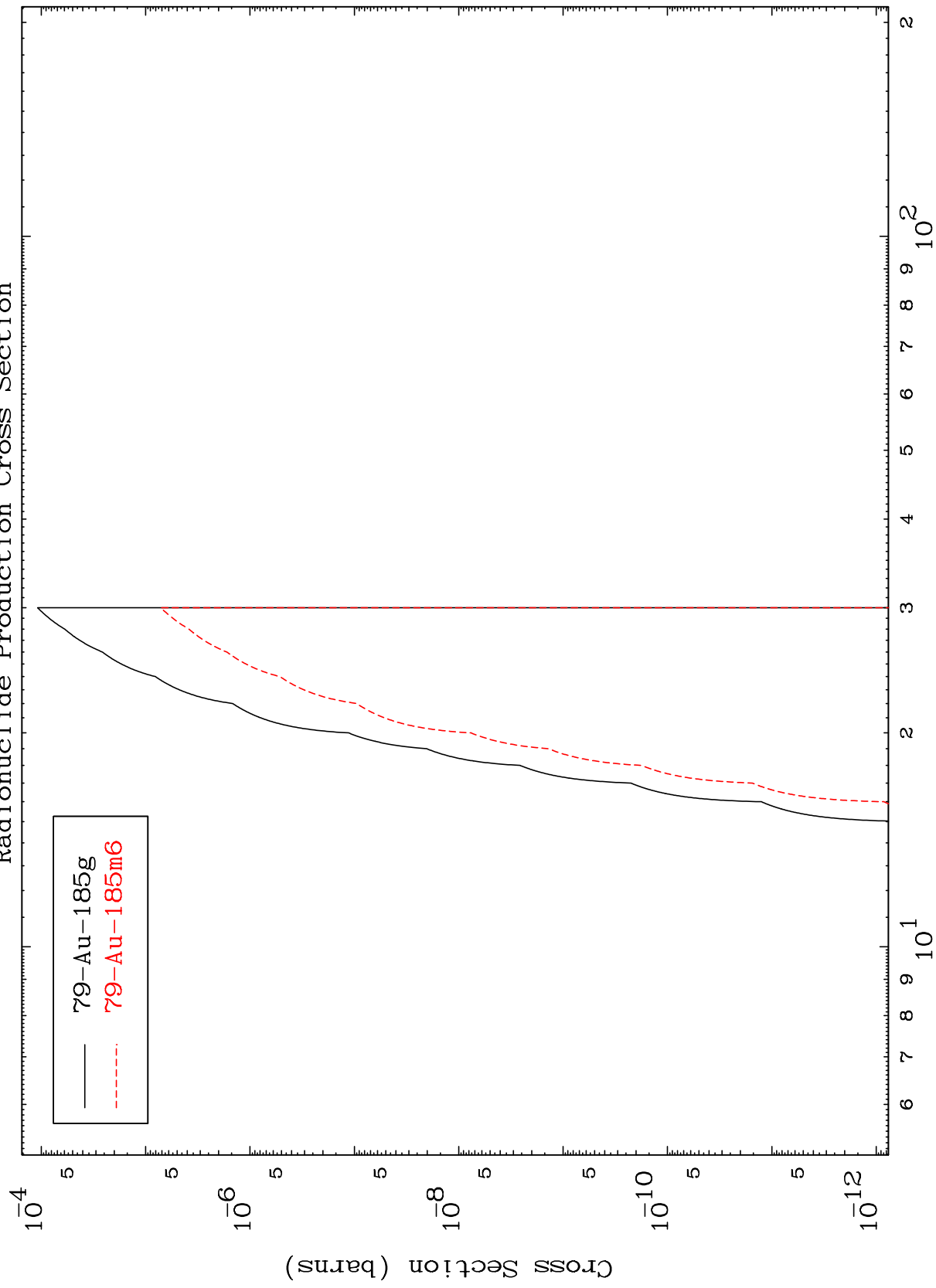
Incident Energy (MeV)

MAT 7999

80-Hg-187

(d,p) t

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-187

28

MAT 7999

(d,d) α

80-Hg-187

