

Program EVALPLOT
(Version 2021-1)

by

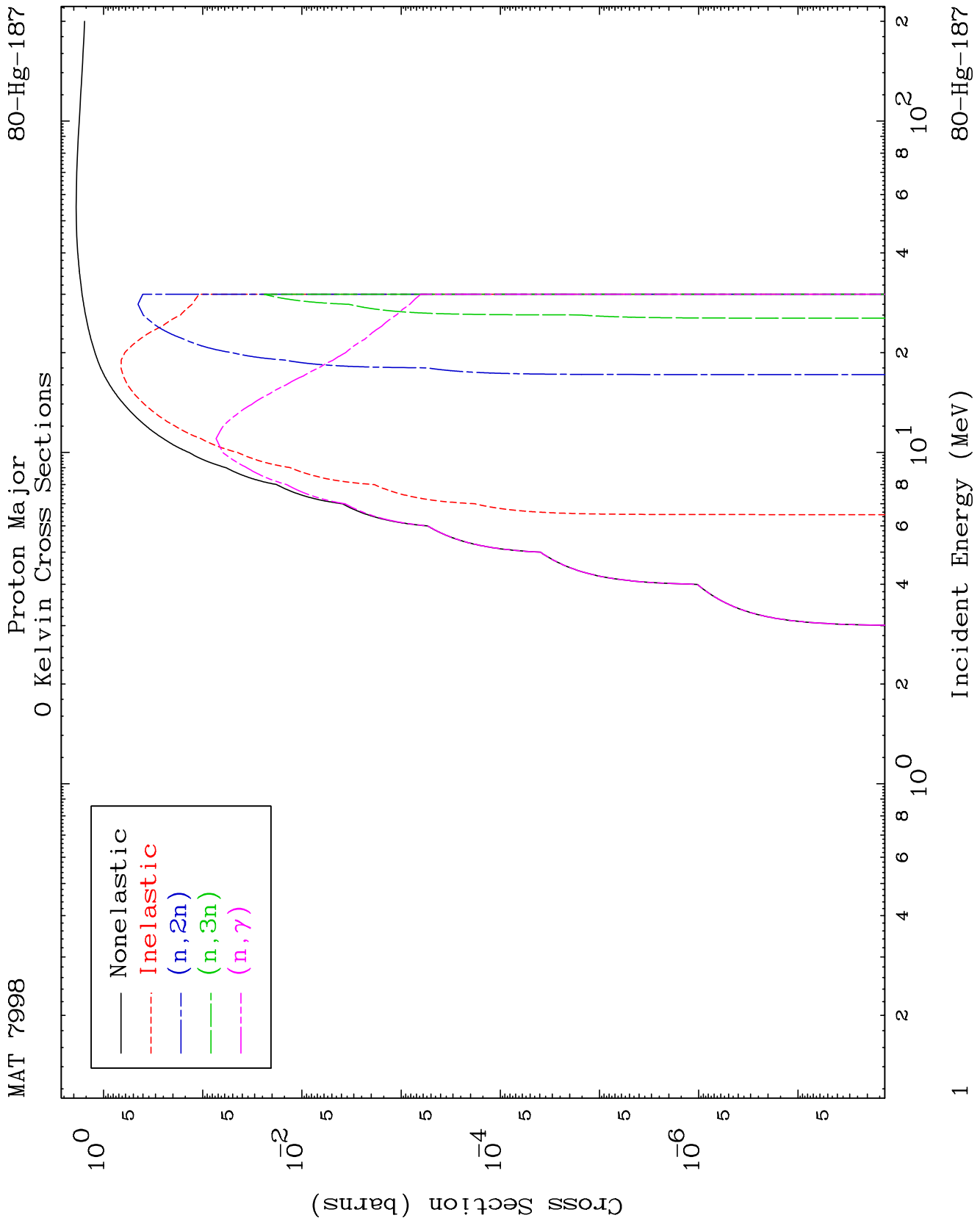
Dermott E. Cullen
(Present Contact Information)

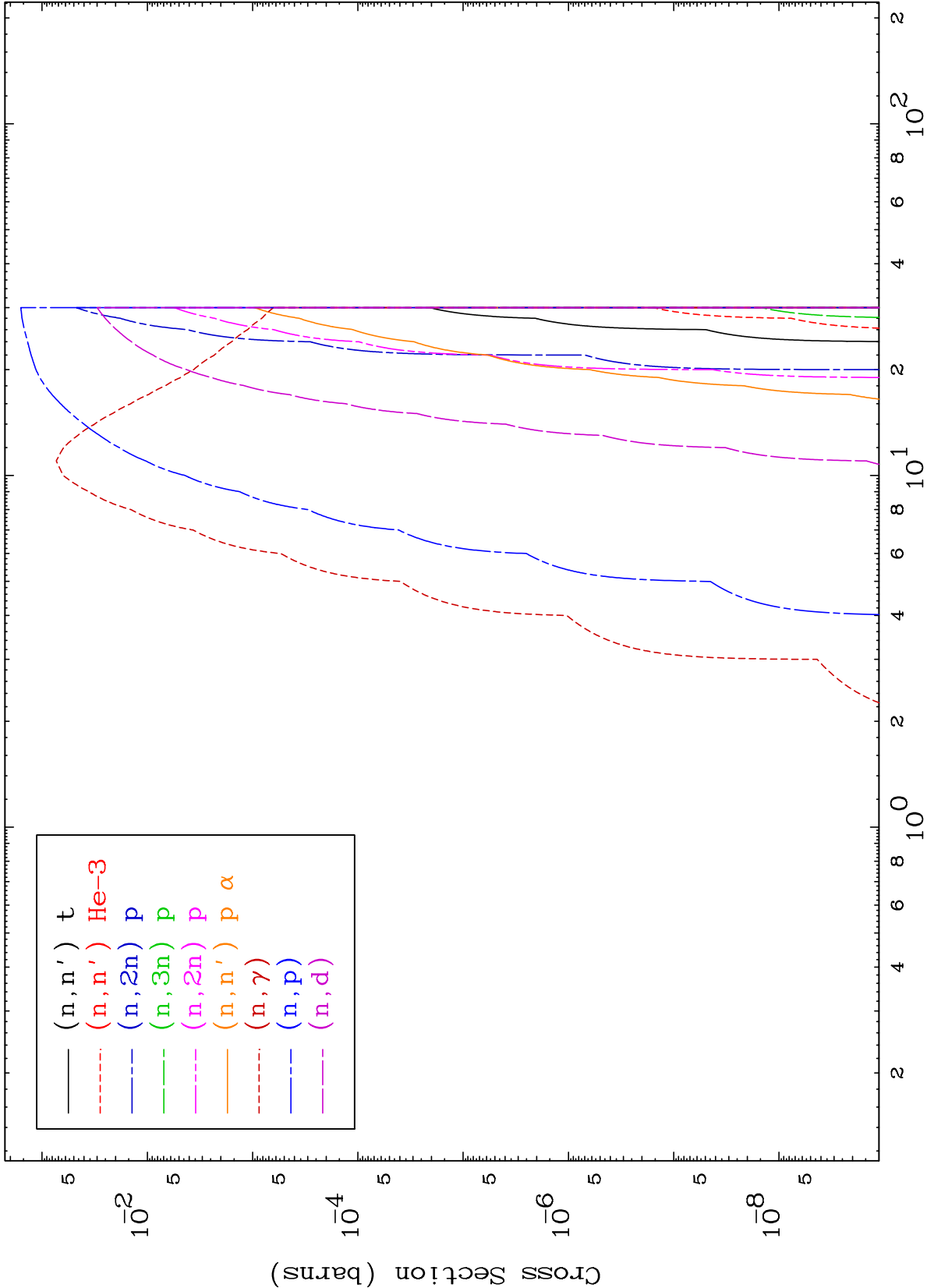
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

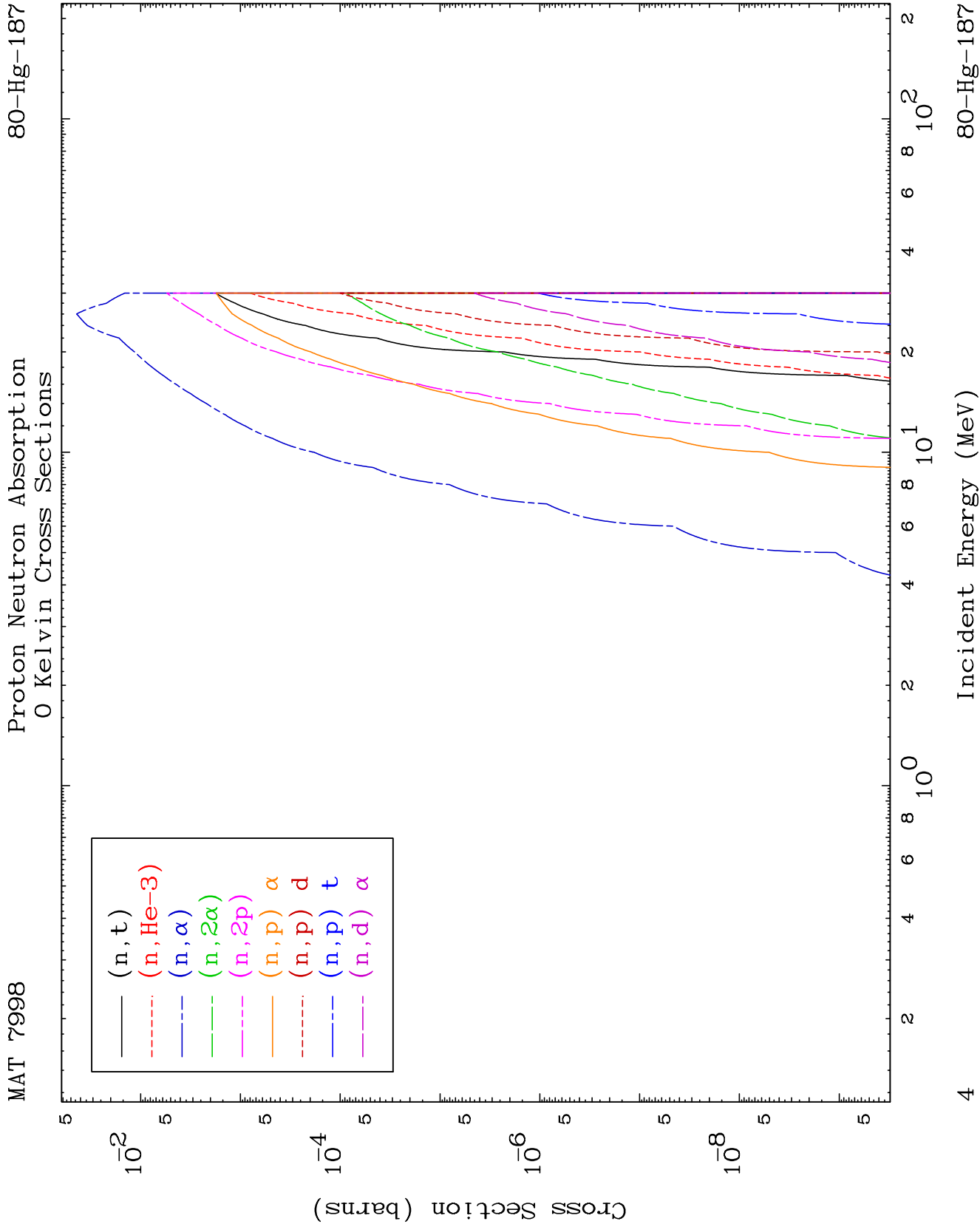
Tele: 925-443-1911

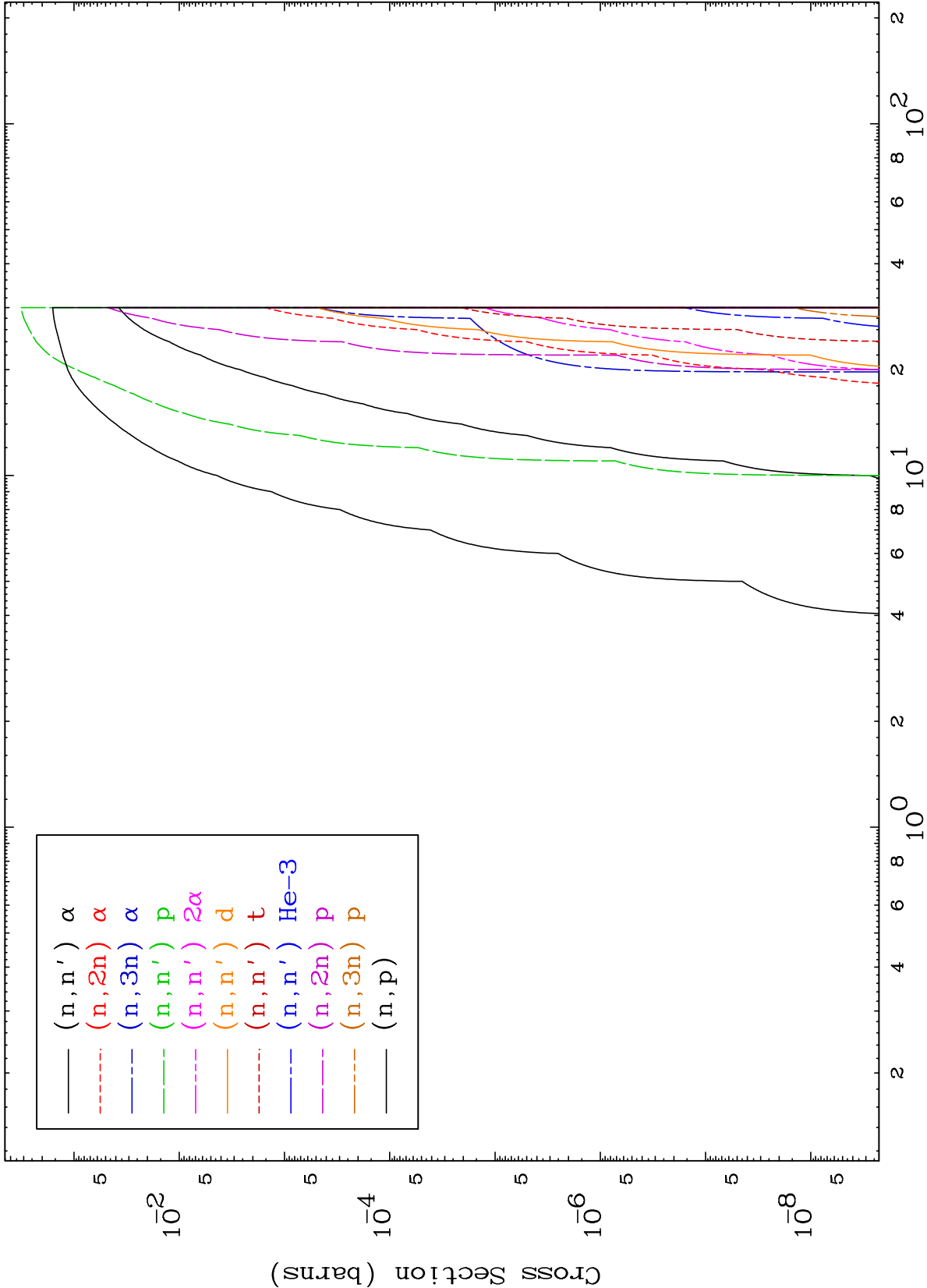
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





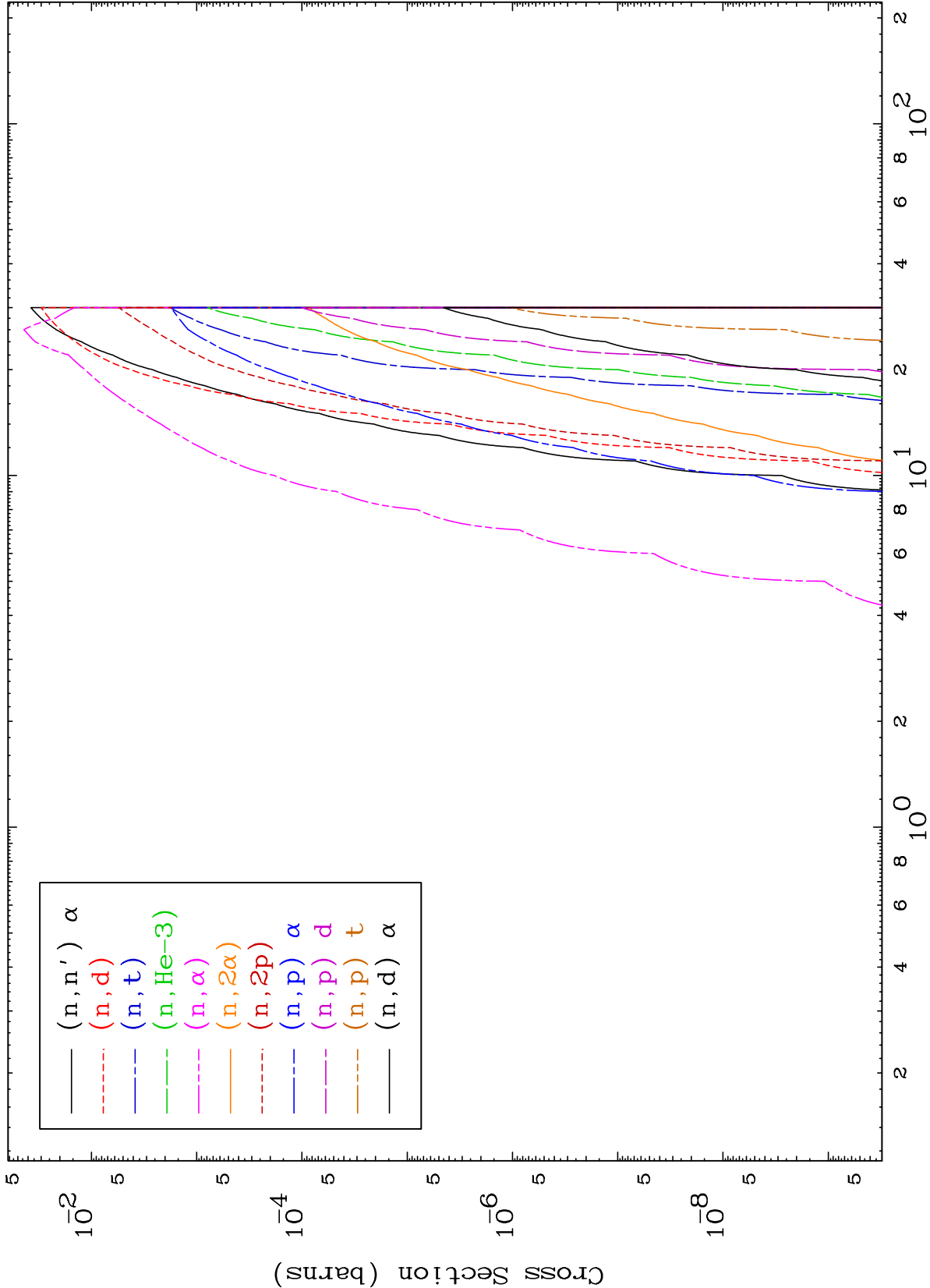




MAT 7998

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-187

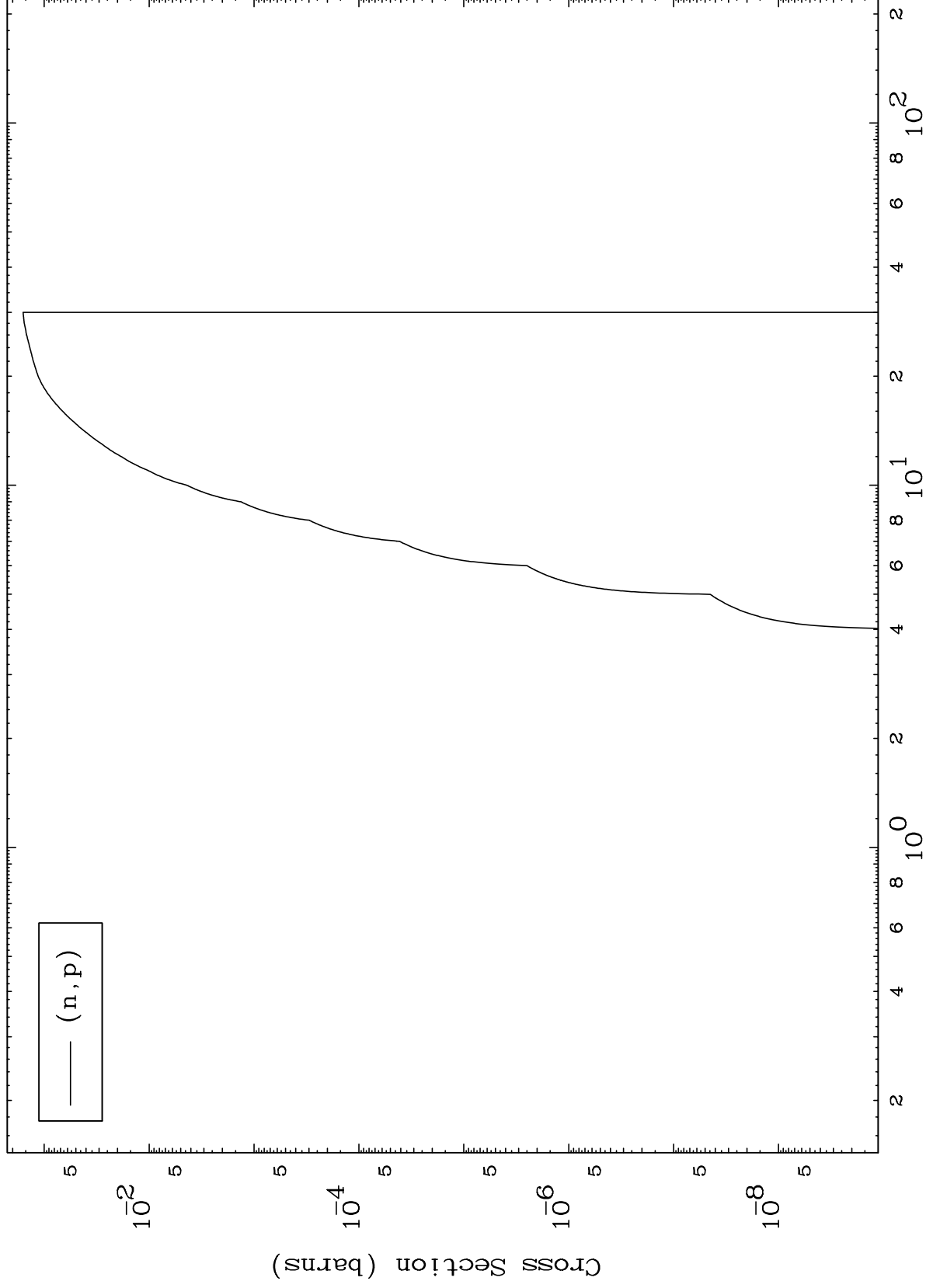


MAT 7998

(p,p) Levels

80-Hg-187

0 Kelvin Cross Sections



7

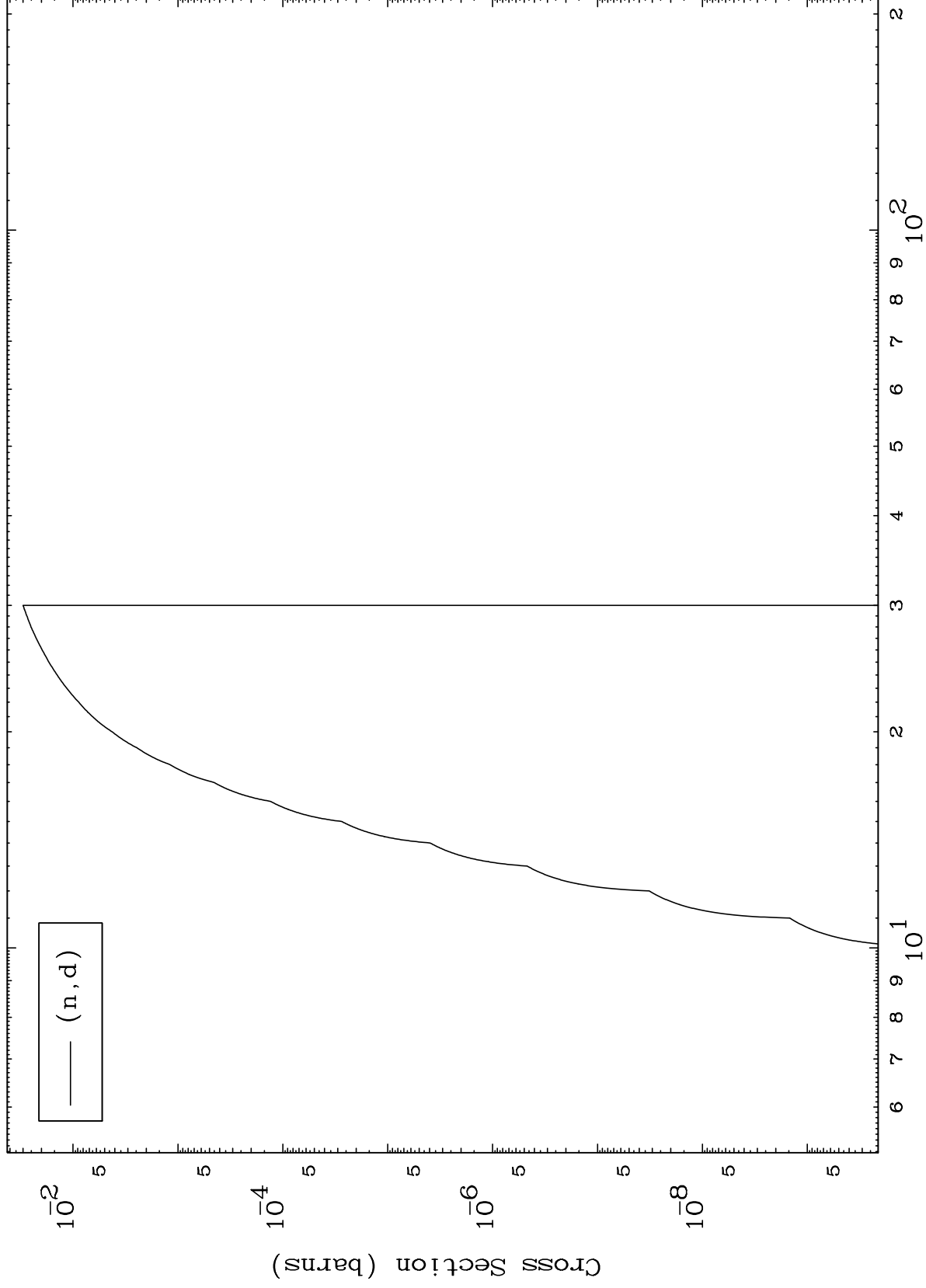
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(p,d) Levels
0 Kelvin Cross Sections



80-Hg-187

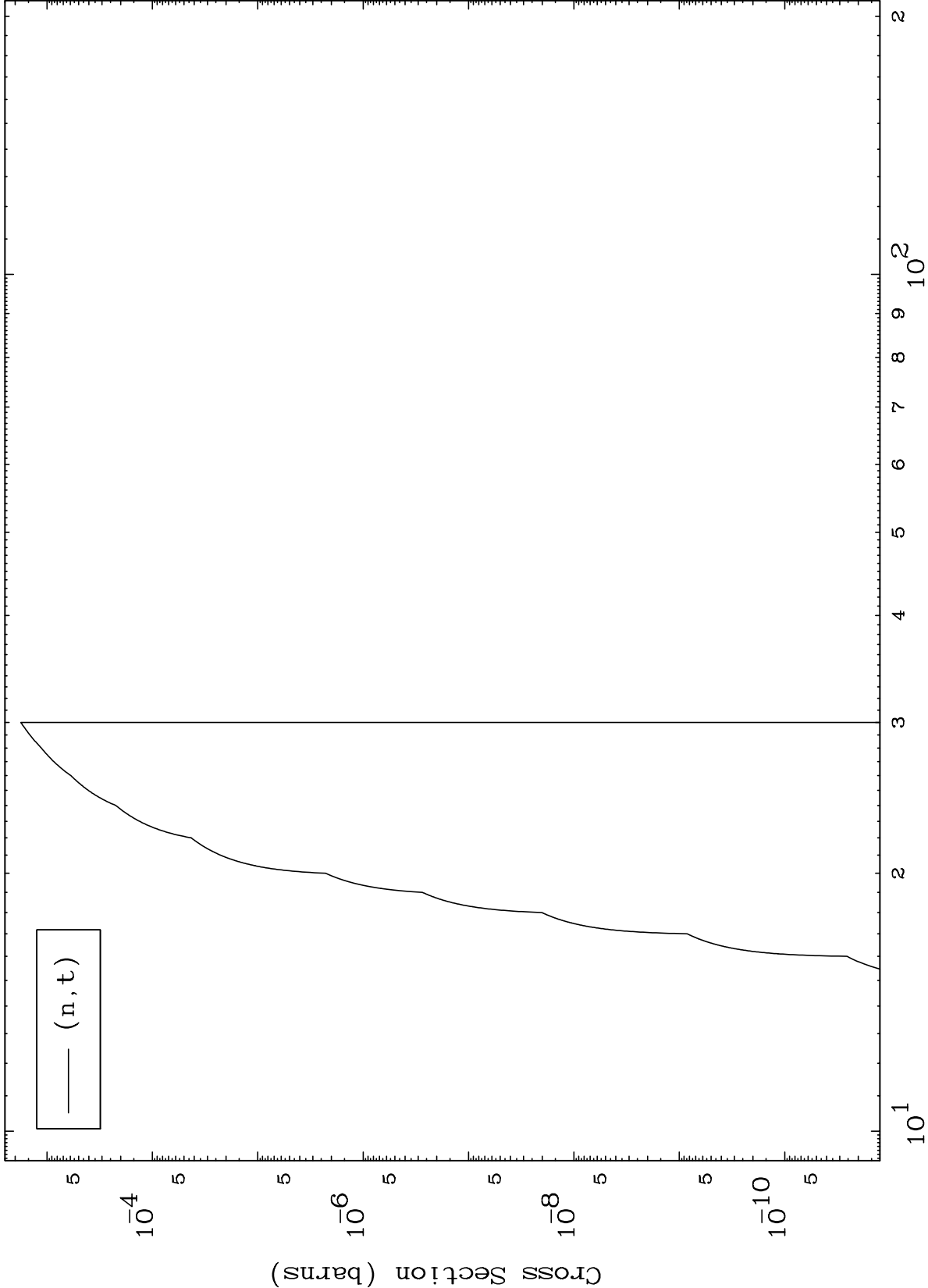
Incident Energy (MeV)

8

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(p,t) Levels
0 Kelvin Cross Sections

80-Hg-187



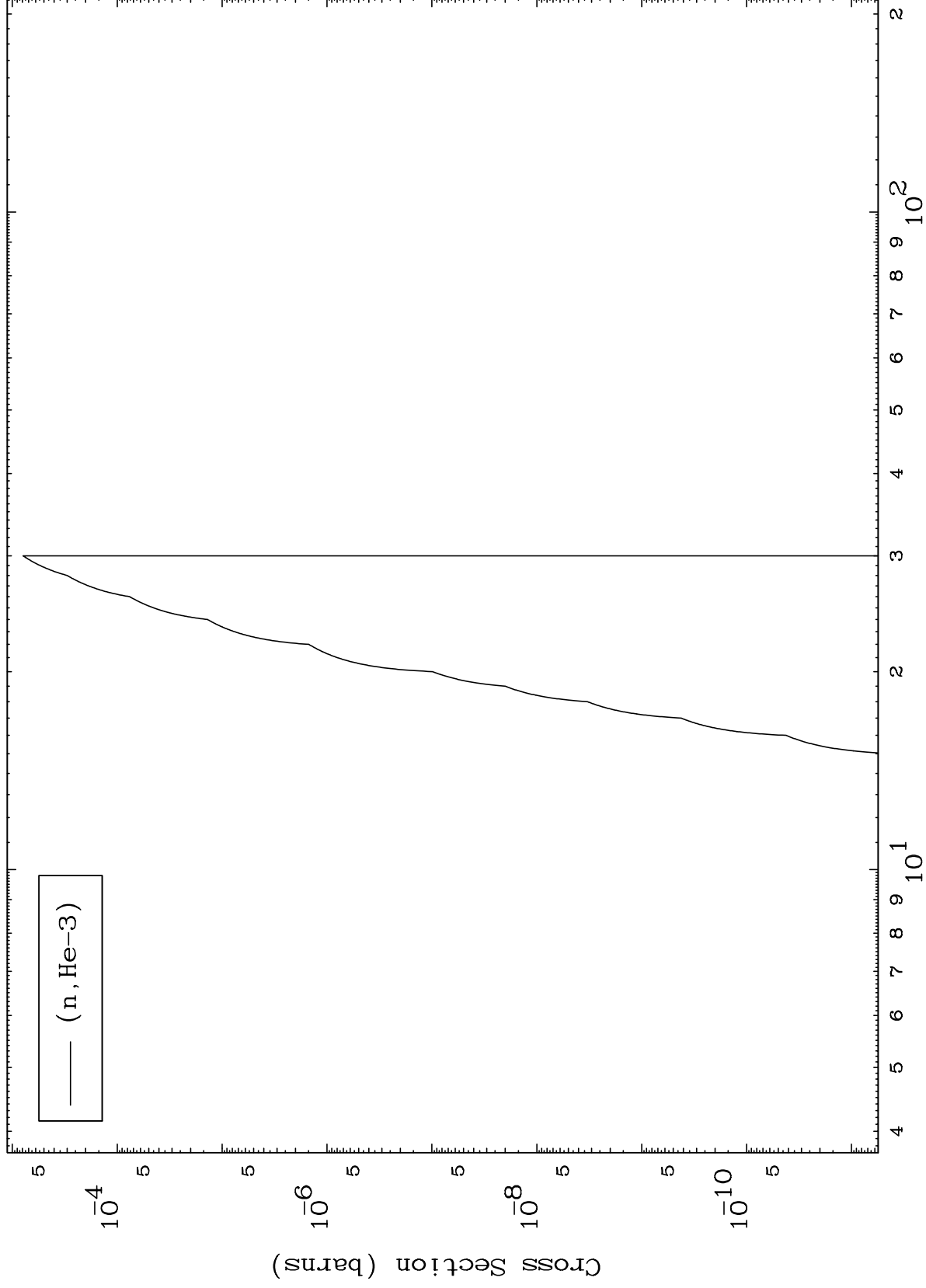
Incident Energy (MeV)

80-Hg-187

MAT 7998

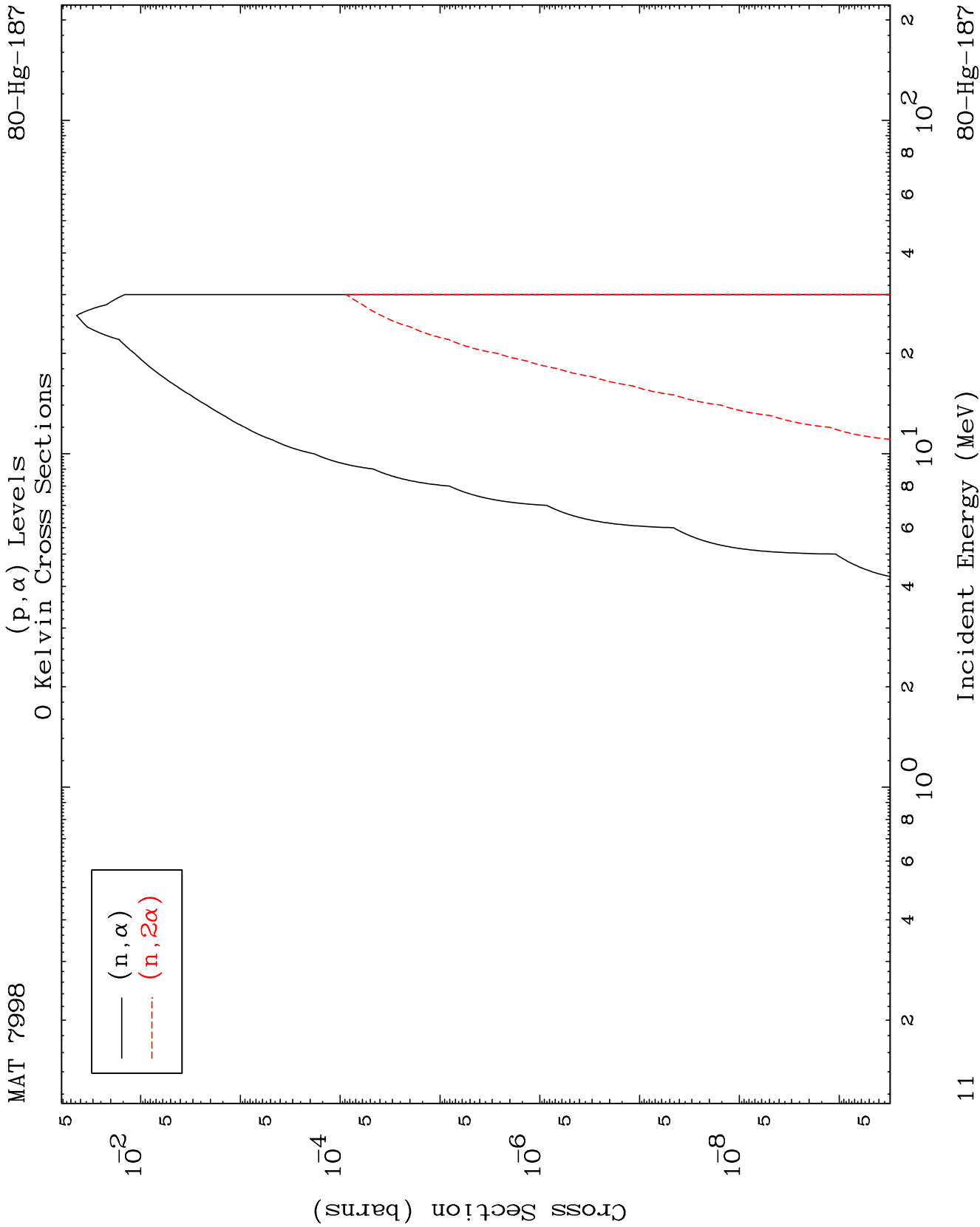
80-Hg-187

(p,He3) Levels
0 Kelvin Cross Sections



80-Hg-187

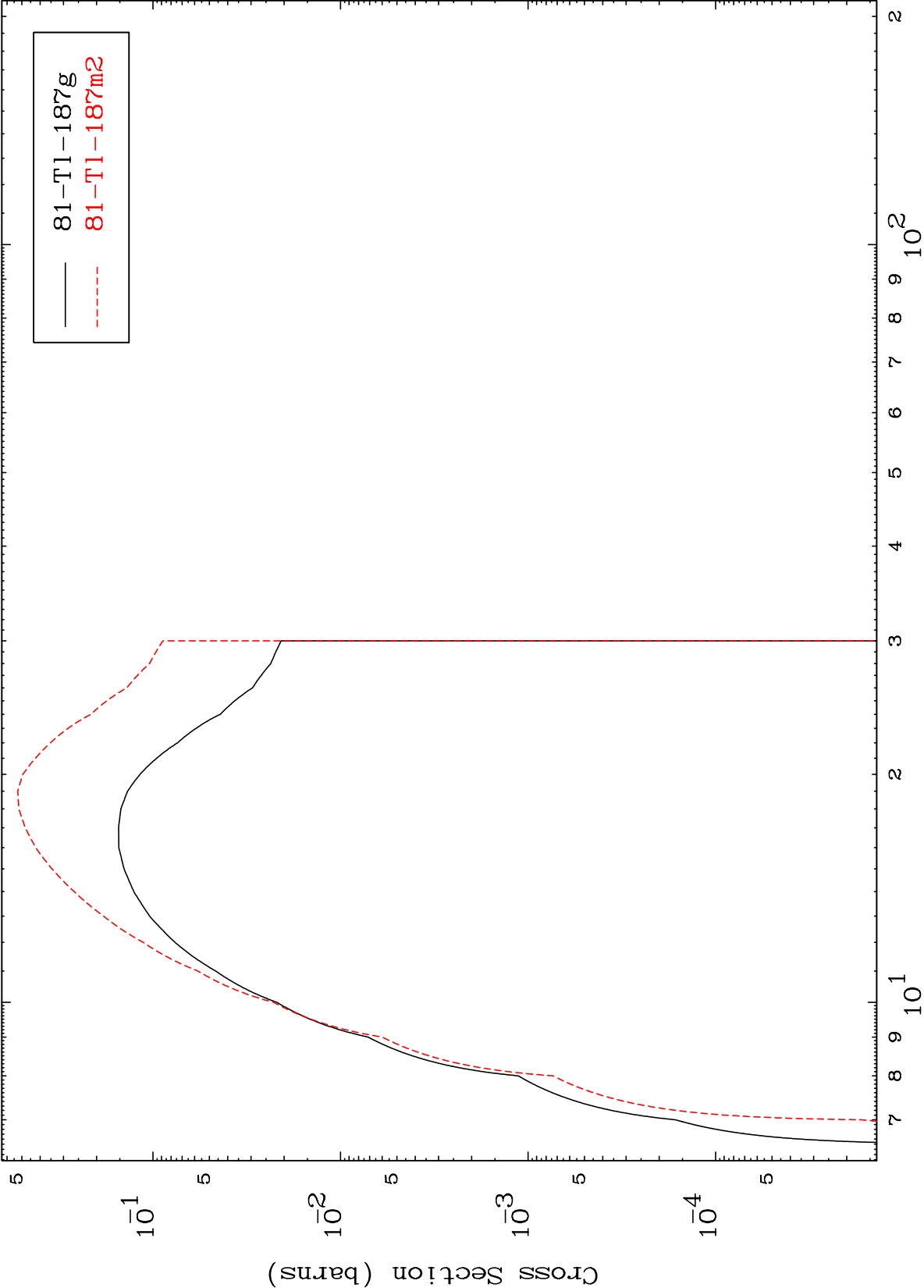
Incident Energy (MeV)



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80-Hg-187

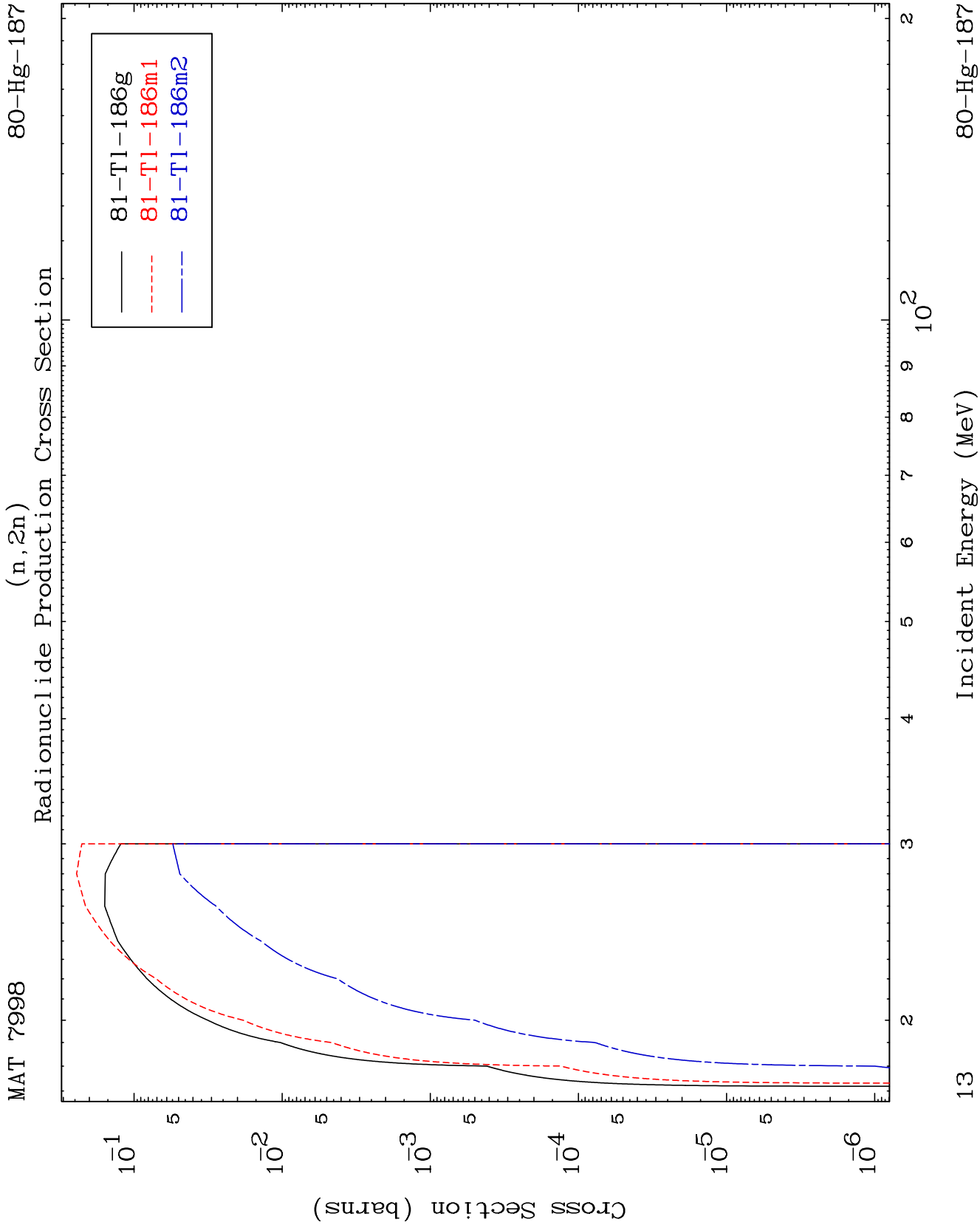
Inelastic
Radionuclide Production Cross Section

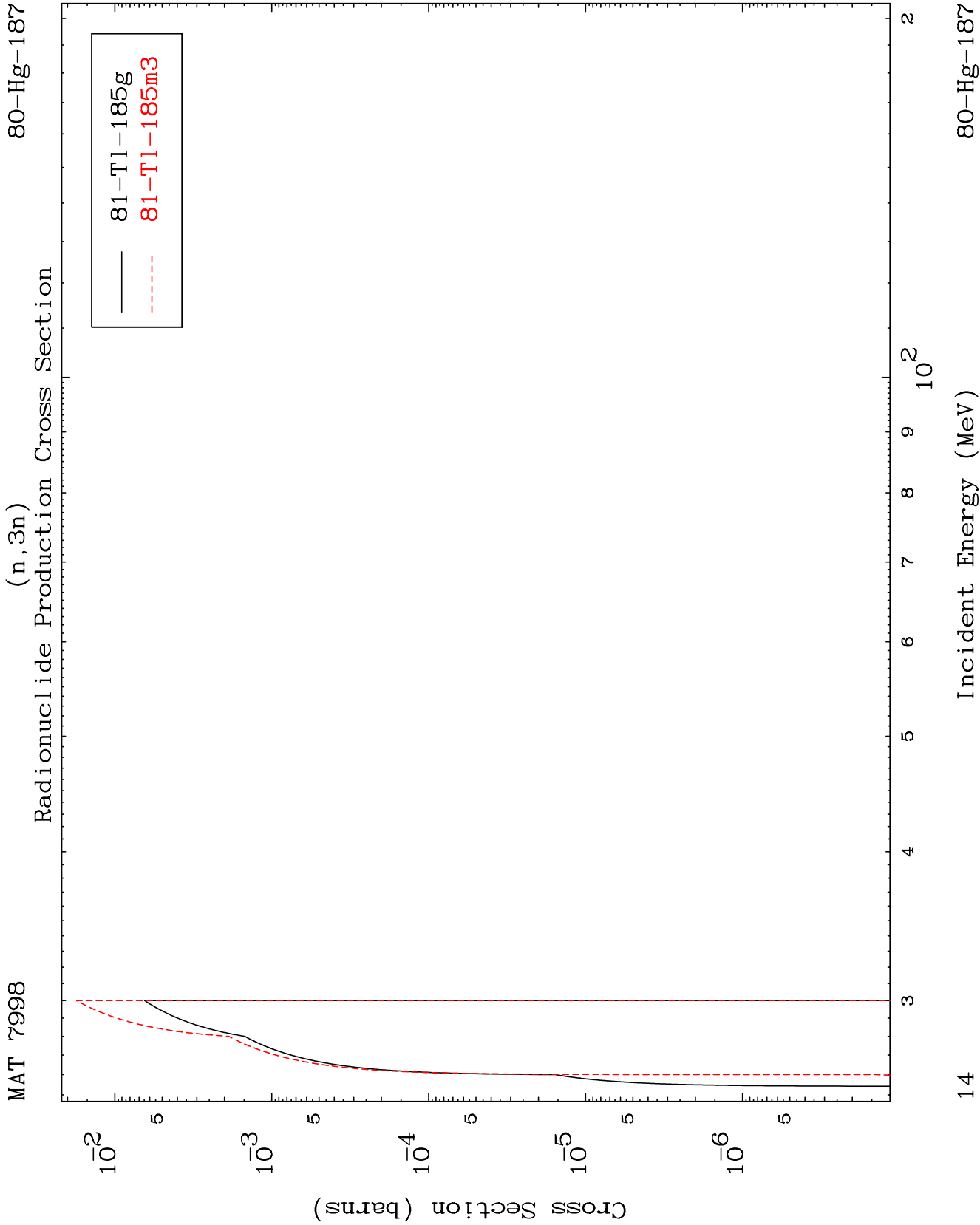


80-Hg-187

Incident Energy (MeV)

12



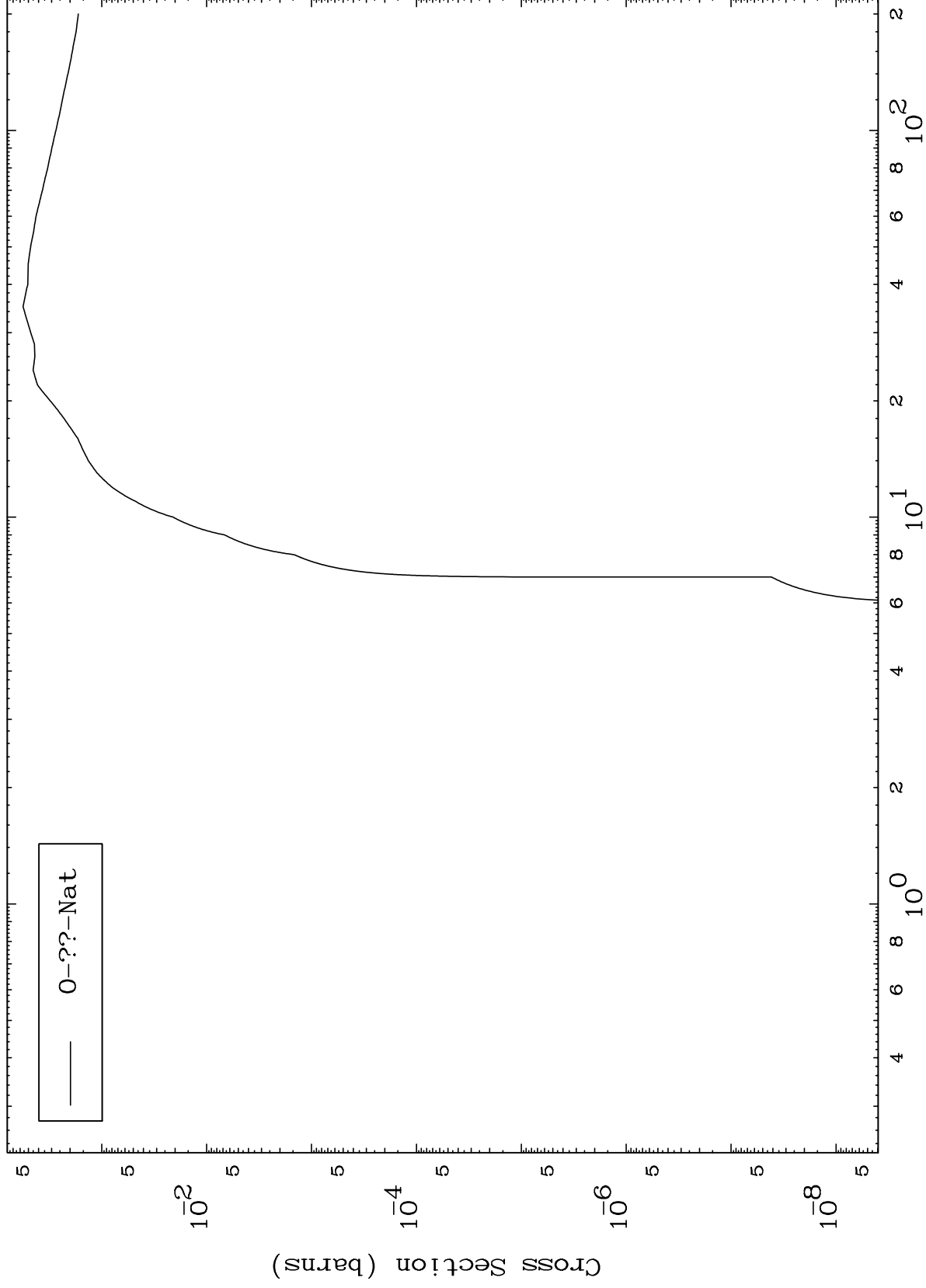


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Fission

80-Hg-187

Radionuclide Production Cross Section



15

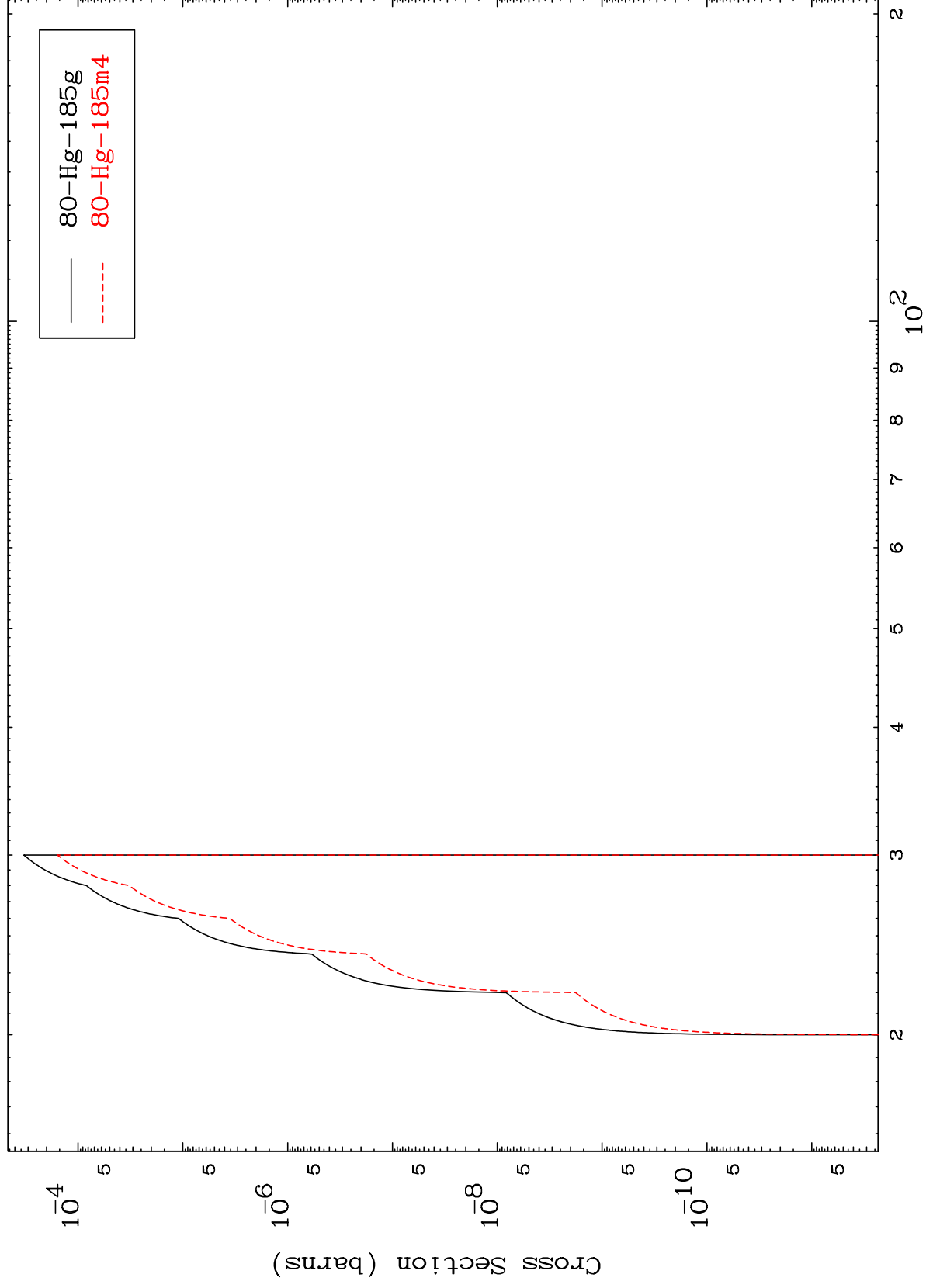
Incident Energy (MeV)

80-Hg-187

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80-Hg-187

(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

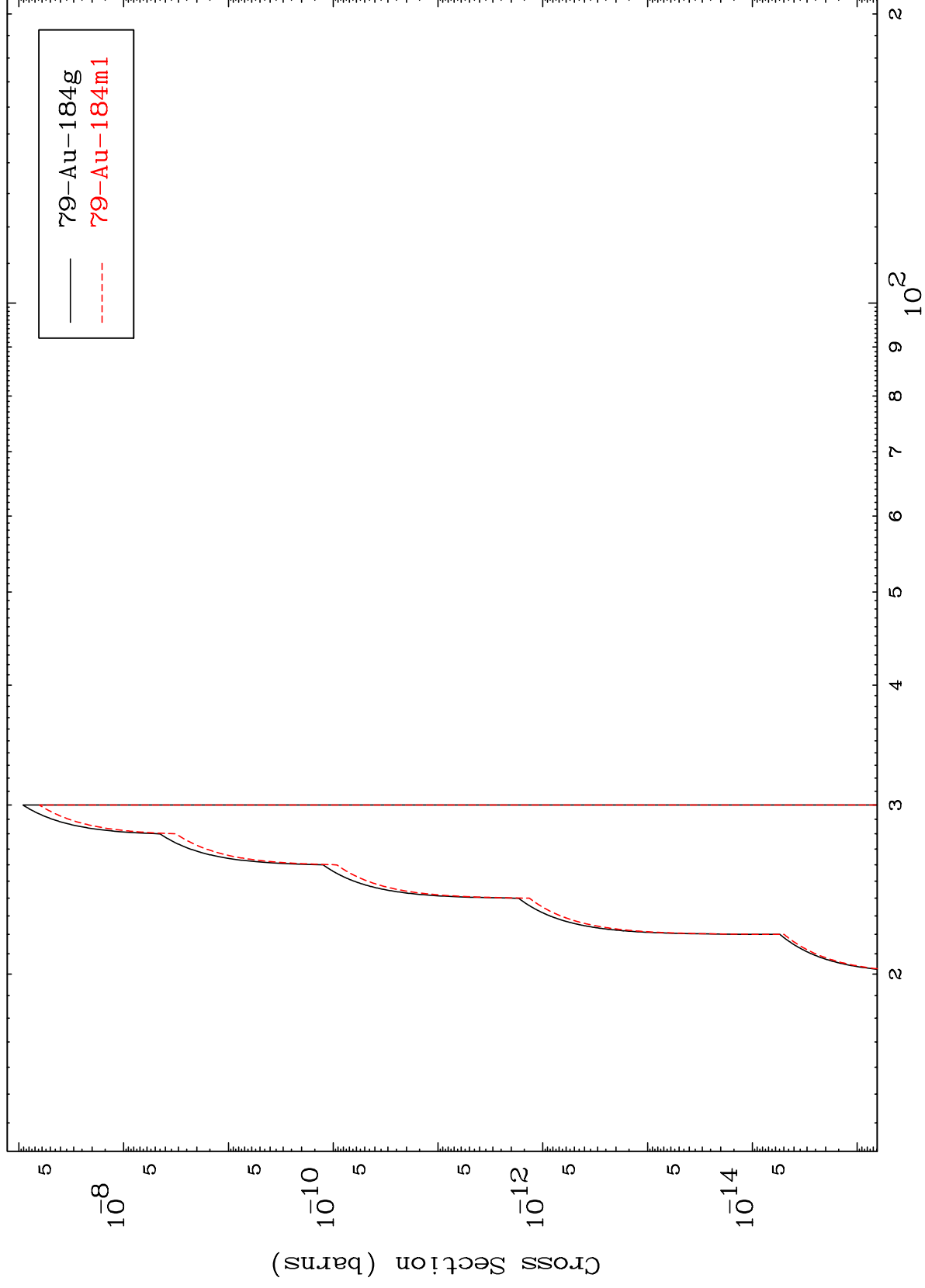
80-Hg-187

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(n,n') He-3

80-Hg-187

Radionuclide Production Cross Section



17

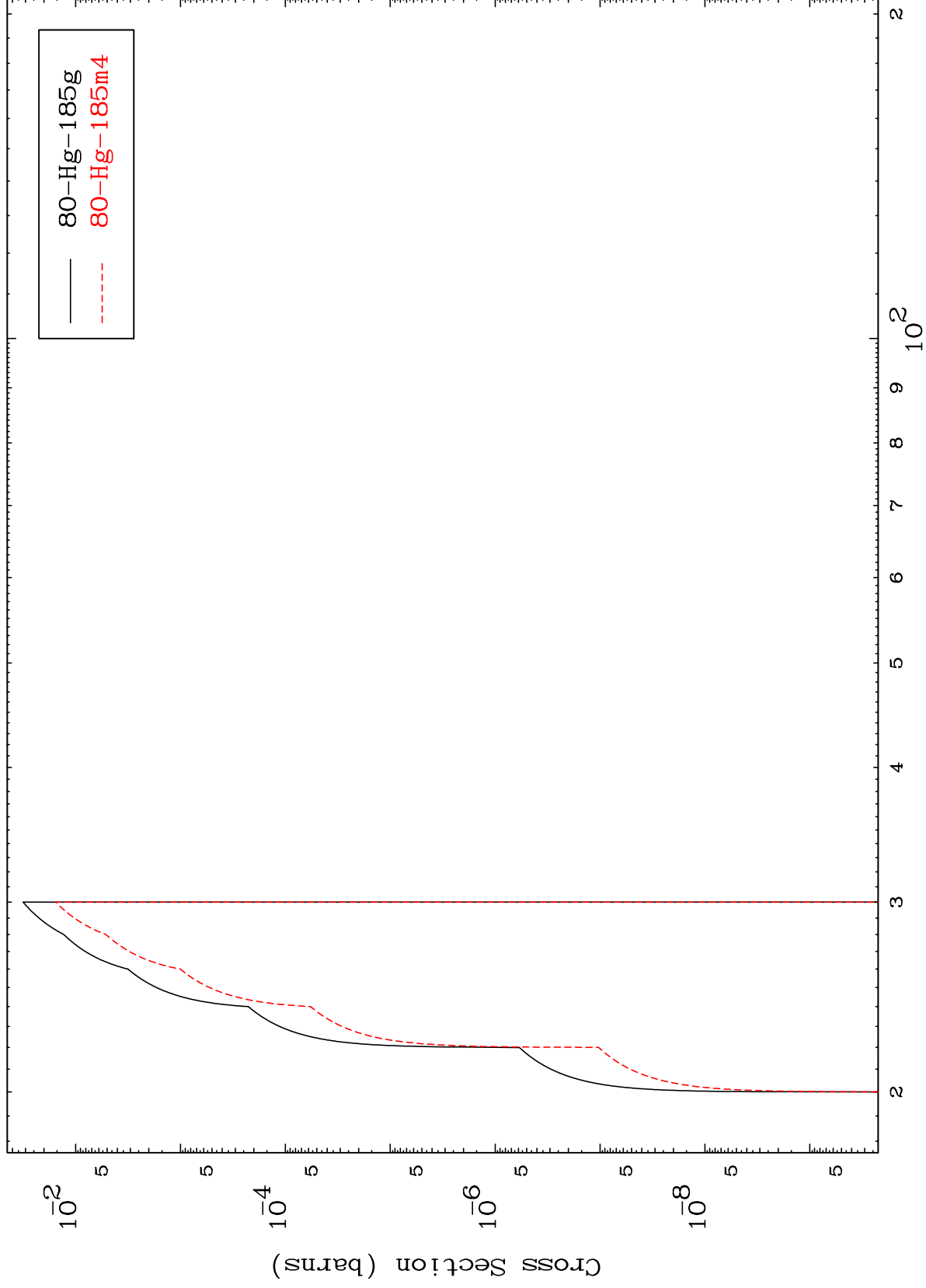
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

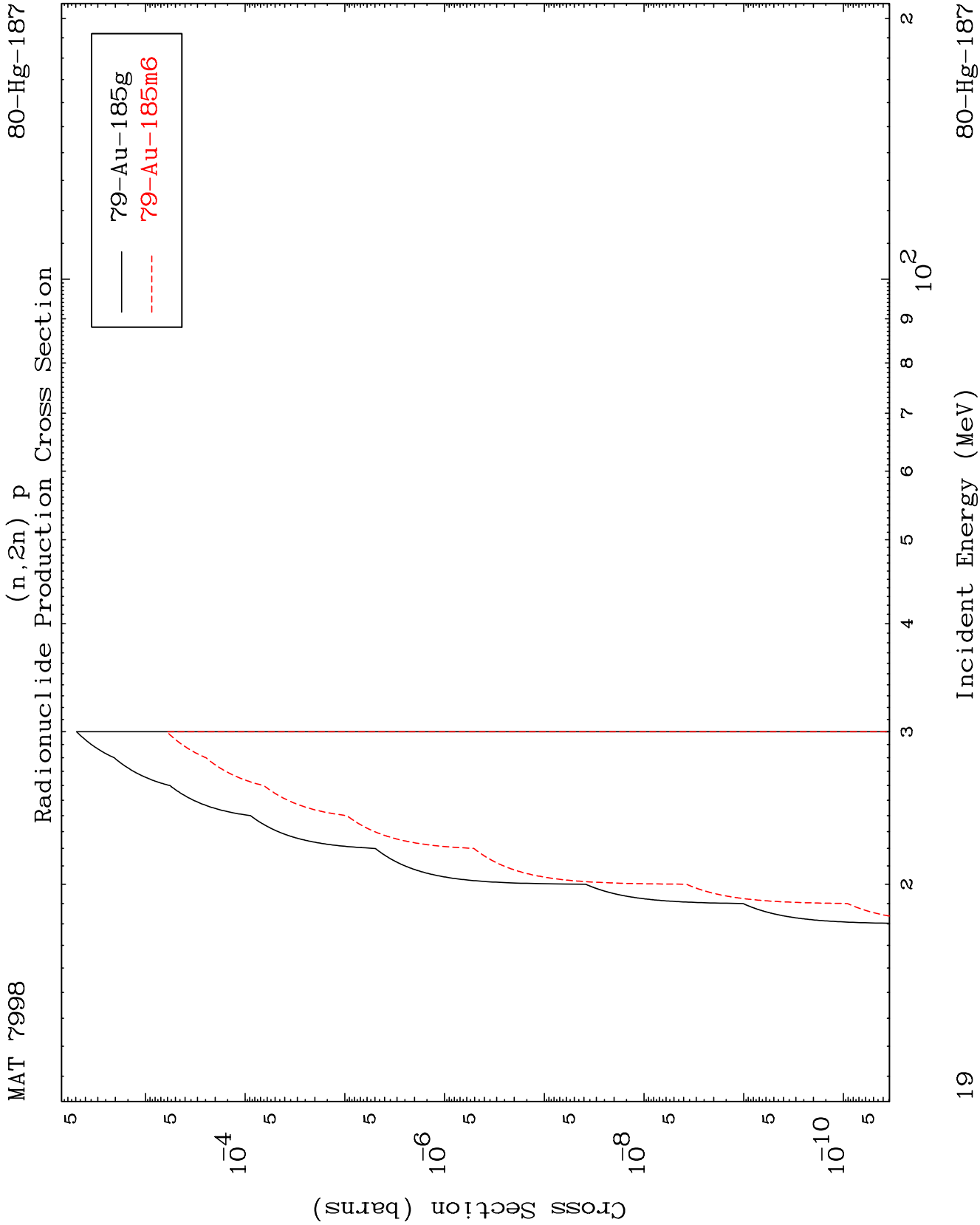
(n,2n) p
Radionuclide Production Cross Section

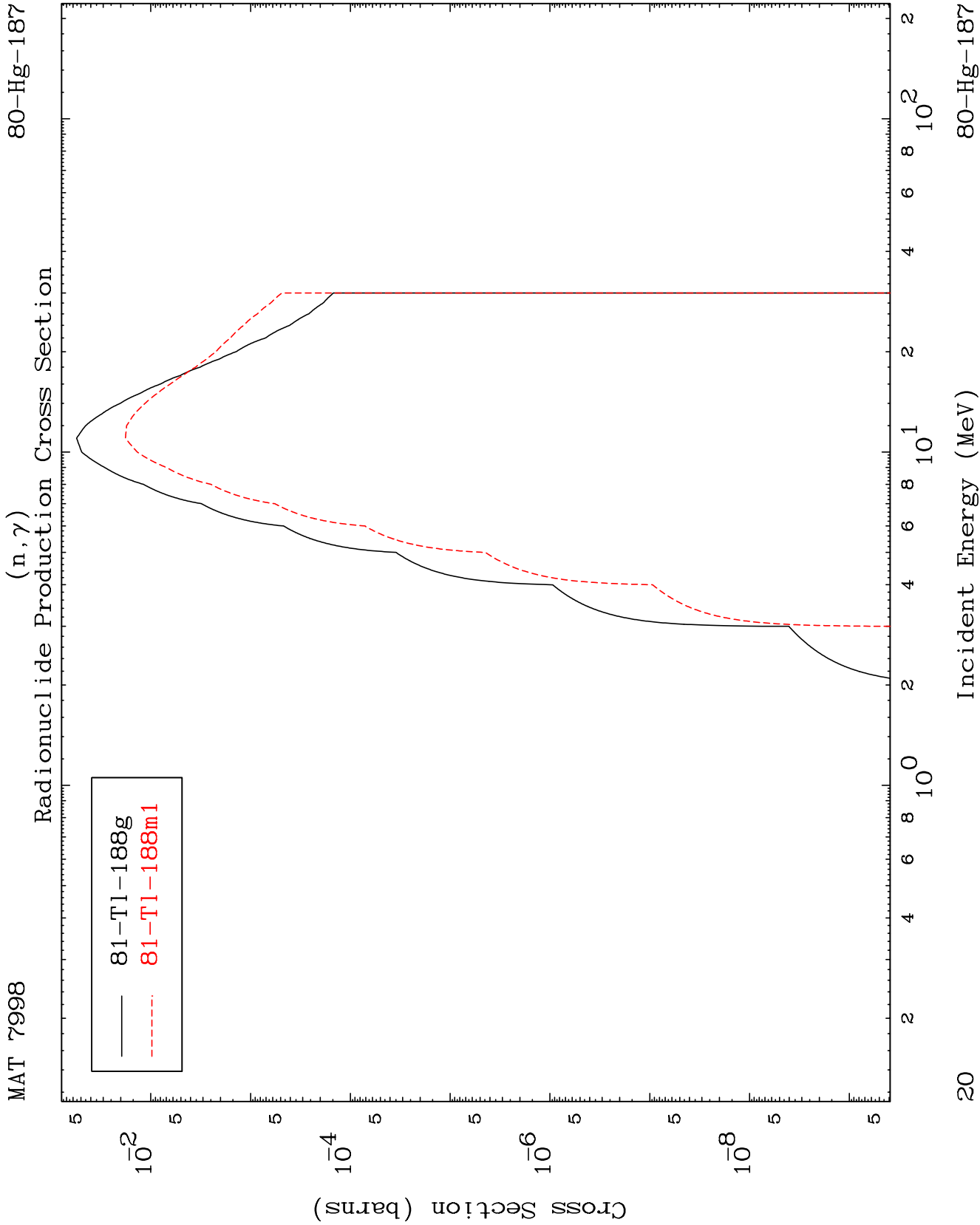


18

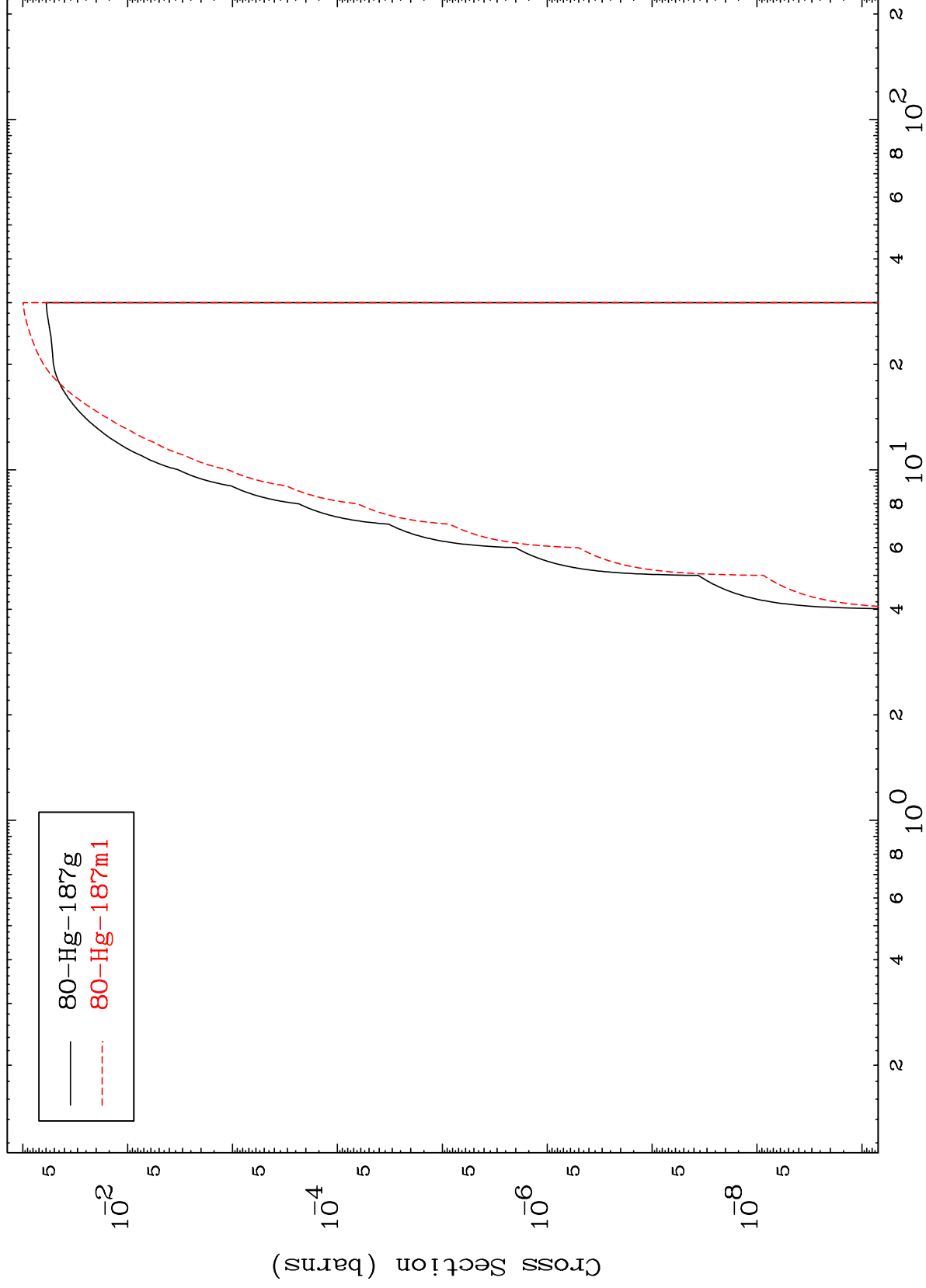
Incident Energy (MeV)

80-Hg-187

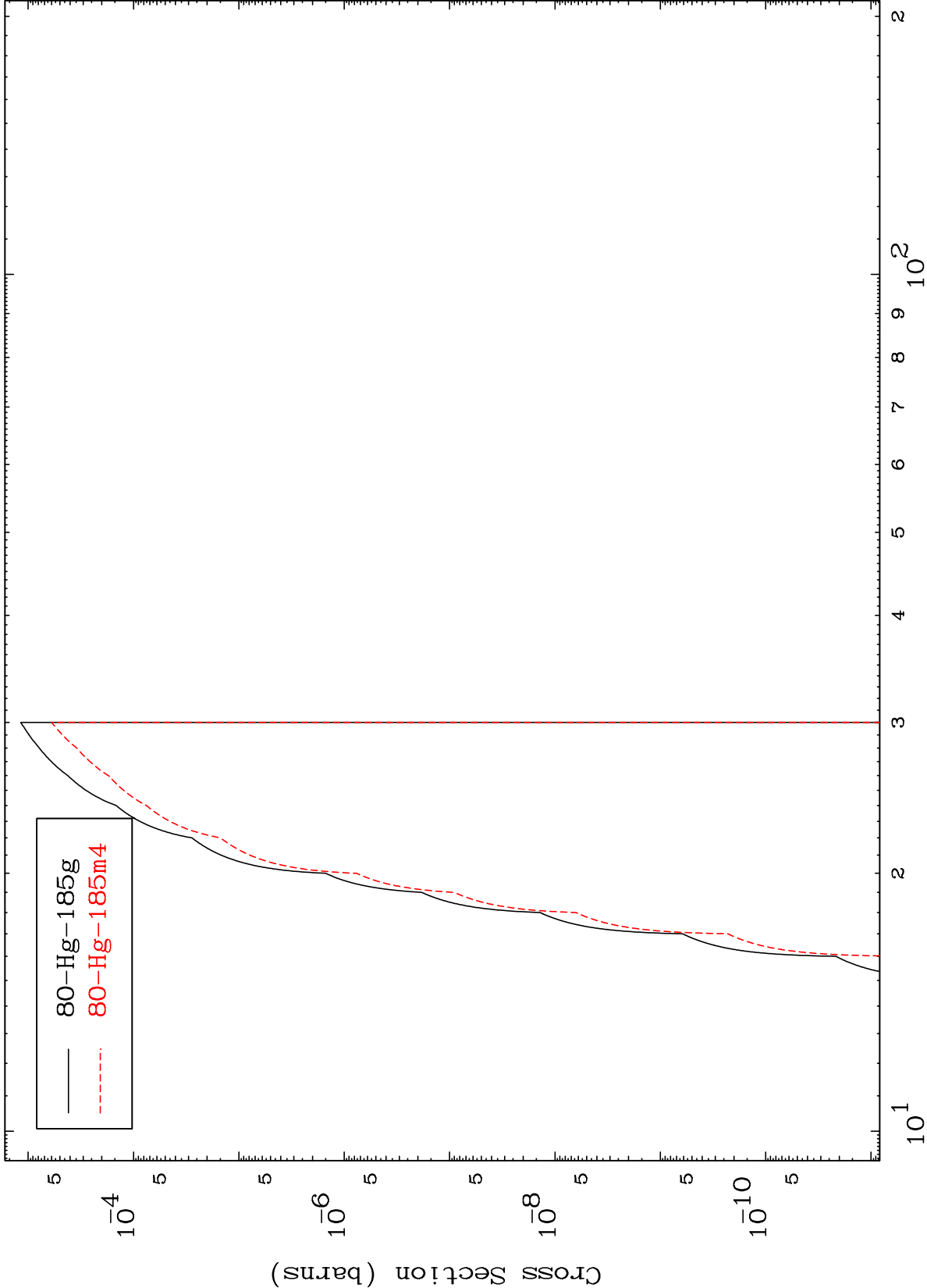




Radionuclide Production Cross Section (n,p)



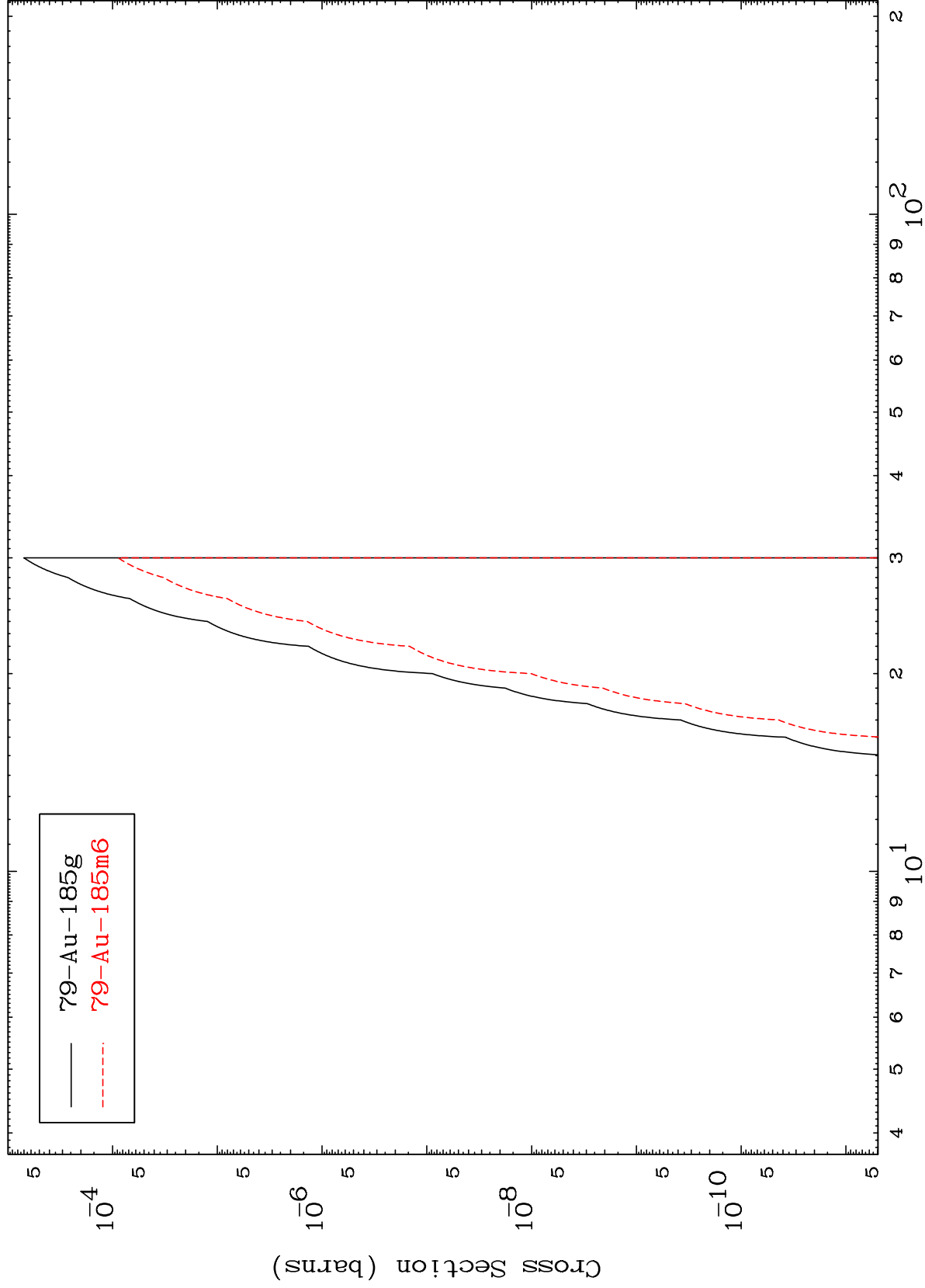
Radionuclide Production Cross Section
(n,t)



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80-Hg-187

Radionuclide Production Cross Section
(n,He-3)



23

Incident Energy (MeV)

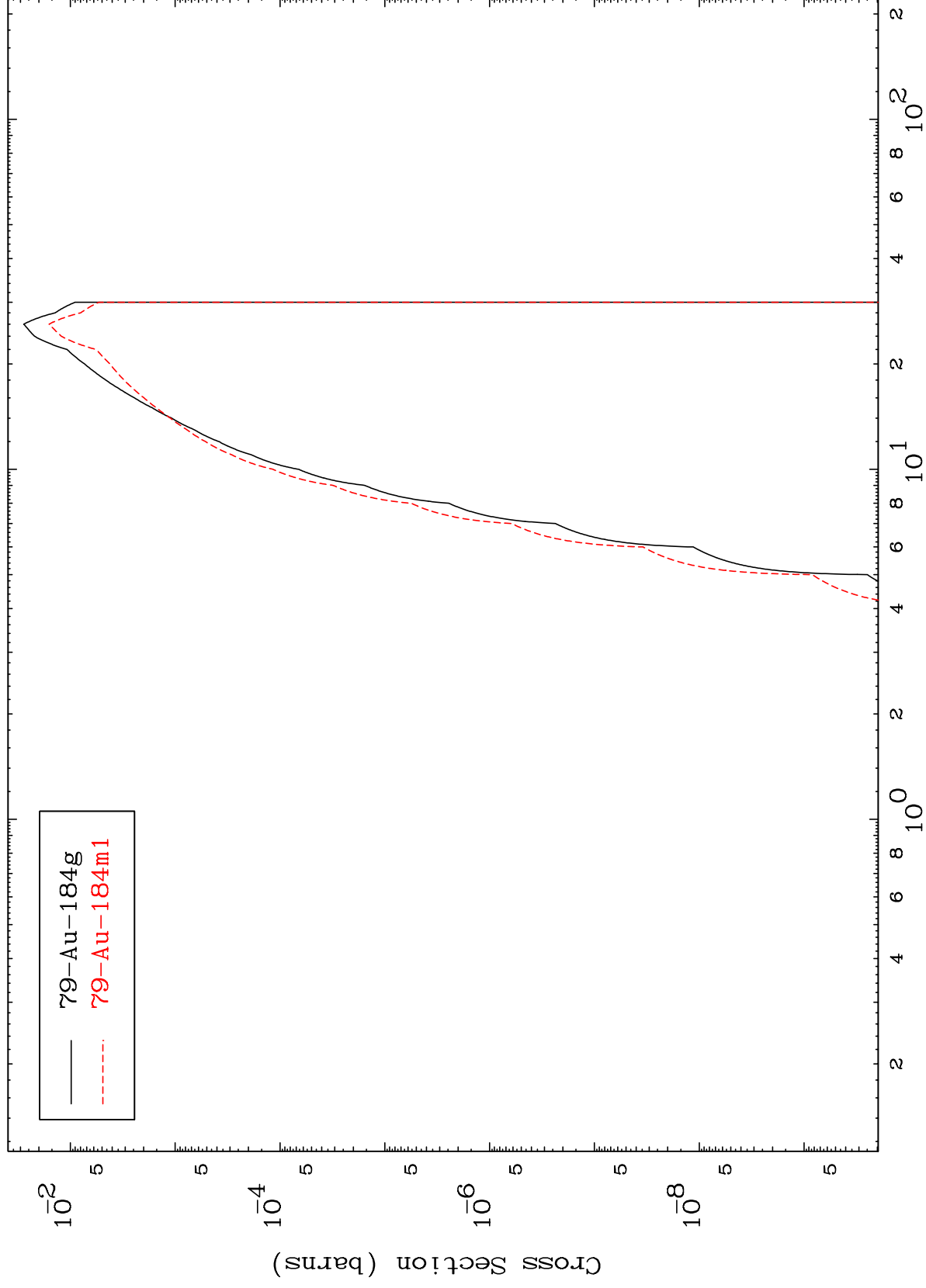
80-Hg-187

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(n, α)

80-Hg-187

Radionuclide Production Cross Section



24

Incident Energy (MeV)

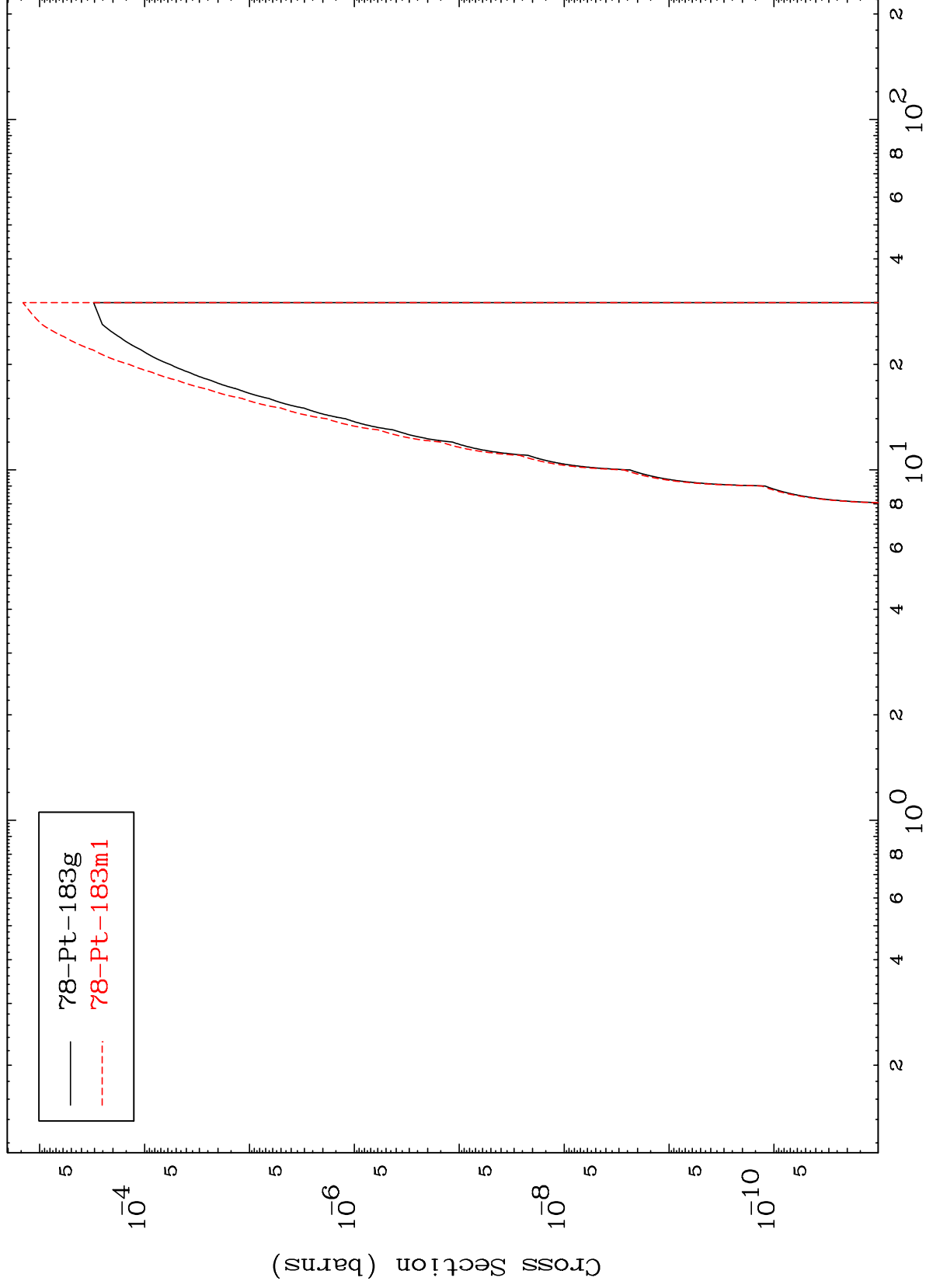
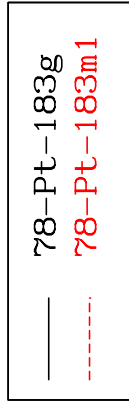
80-Hg-187

MAT 7998

(n,p) α

80-Hg-187

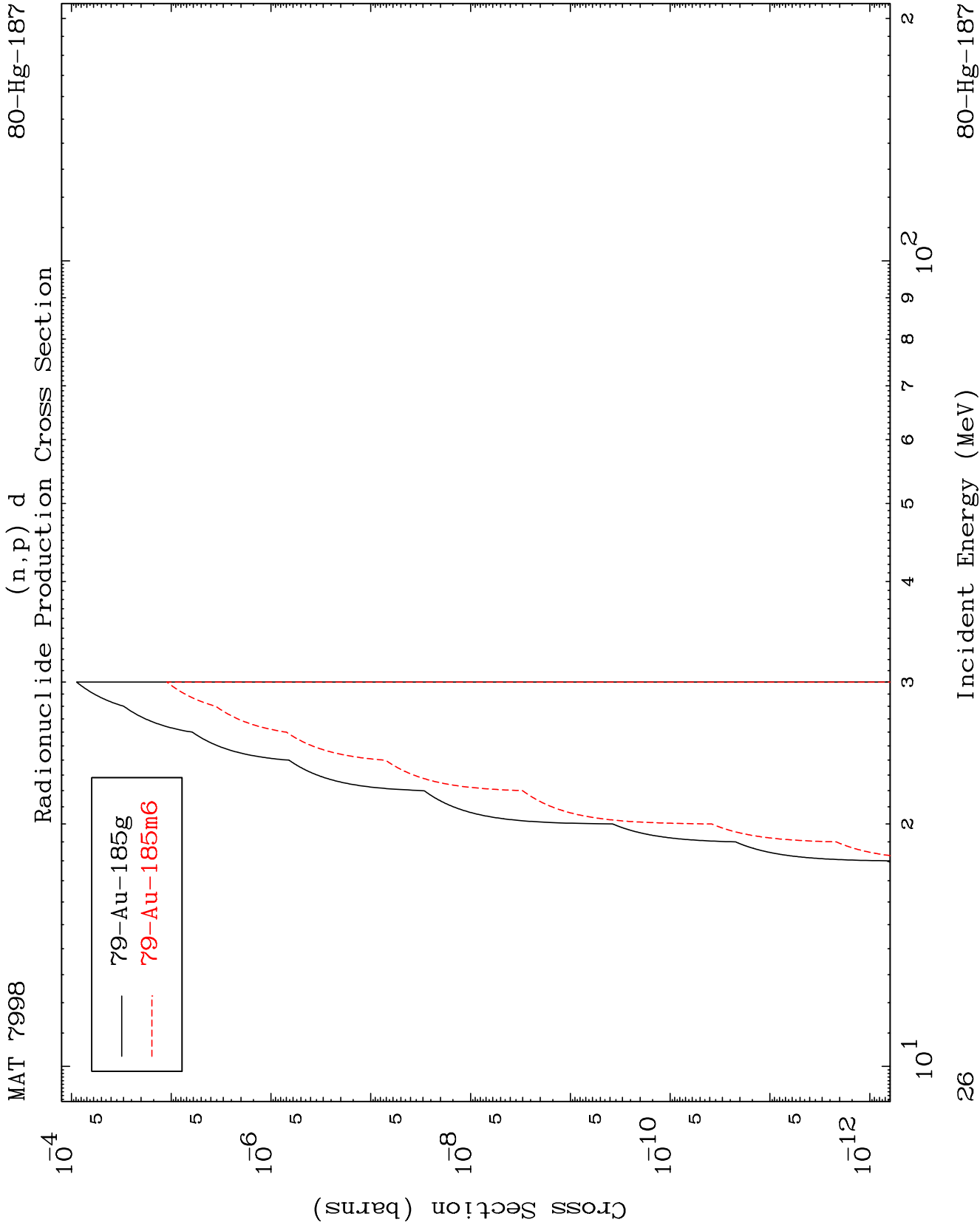
Radionuclide Production Cross Section



25

Incident Energy (MeV)

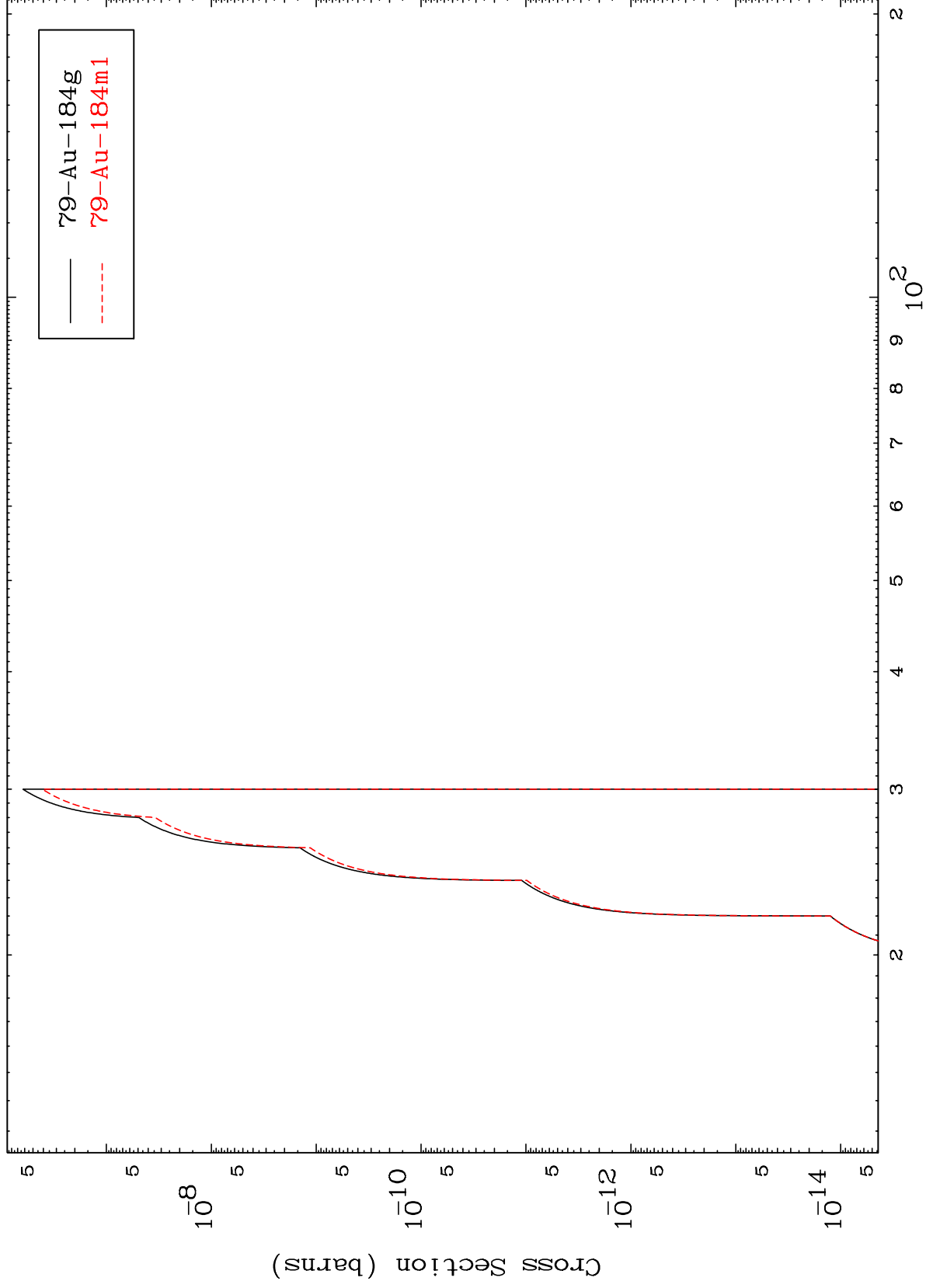
80-Hg-187



MAT 7998

80-Hg-187

(n,p) t
Radionuclide Production Cross Section



27

Incident Energy (MeV)

80-Hg-187