

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

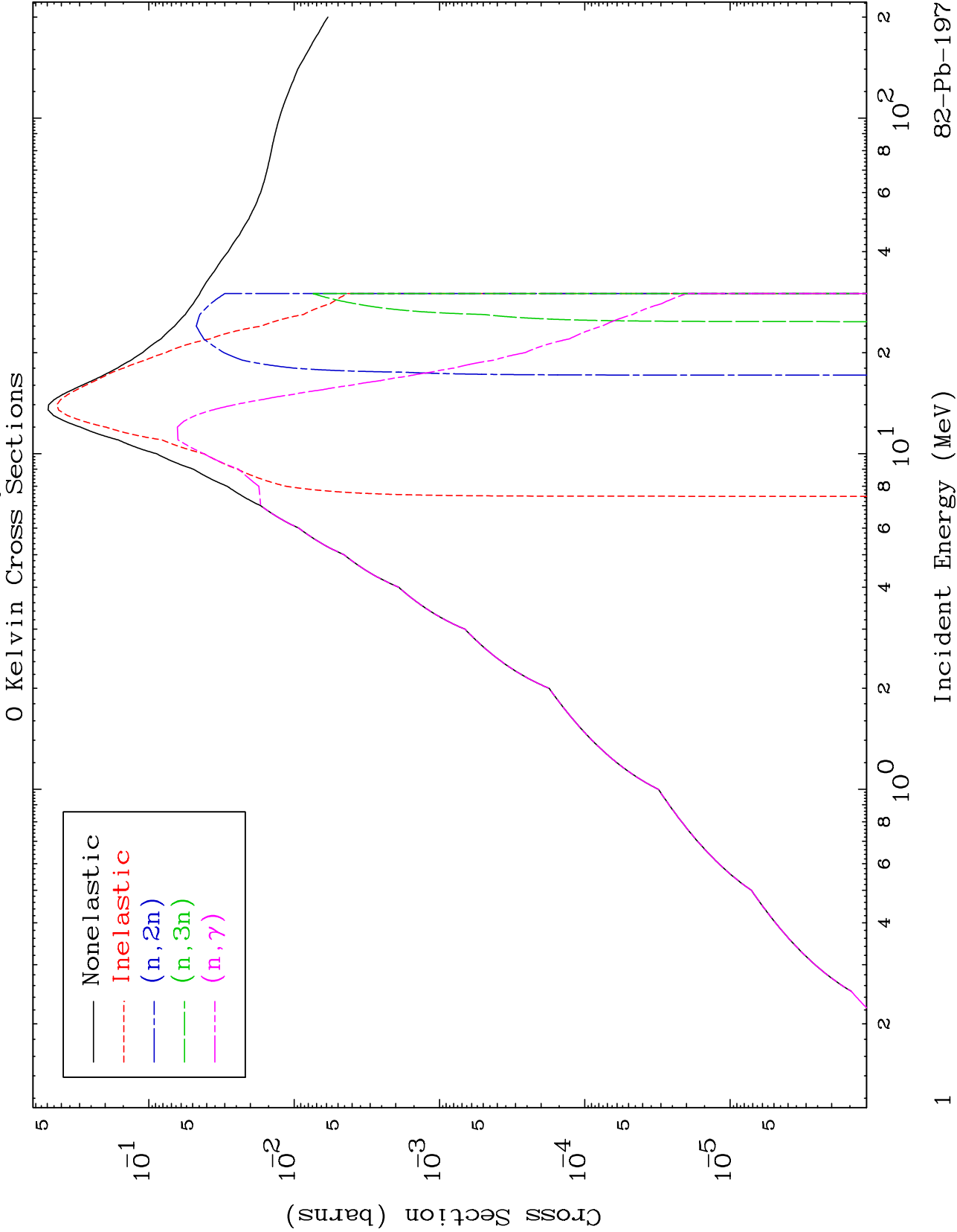
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

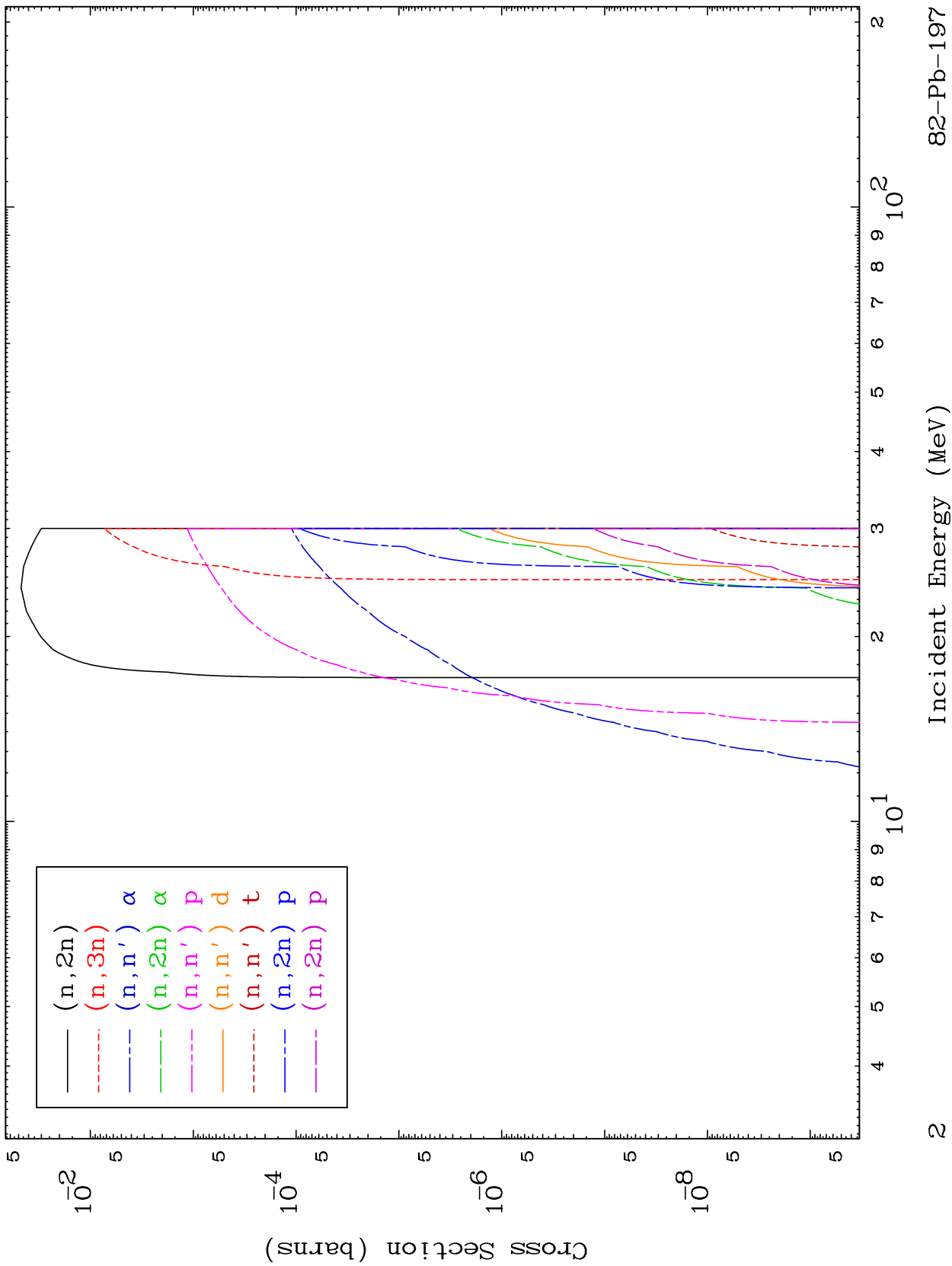
Tele: 925-443-1911

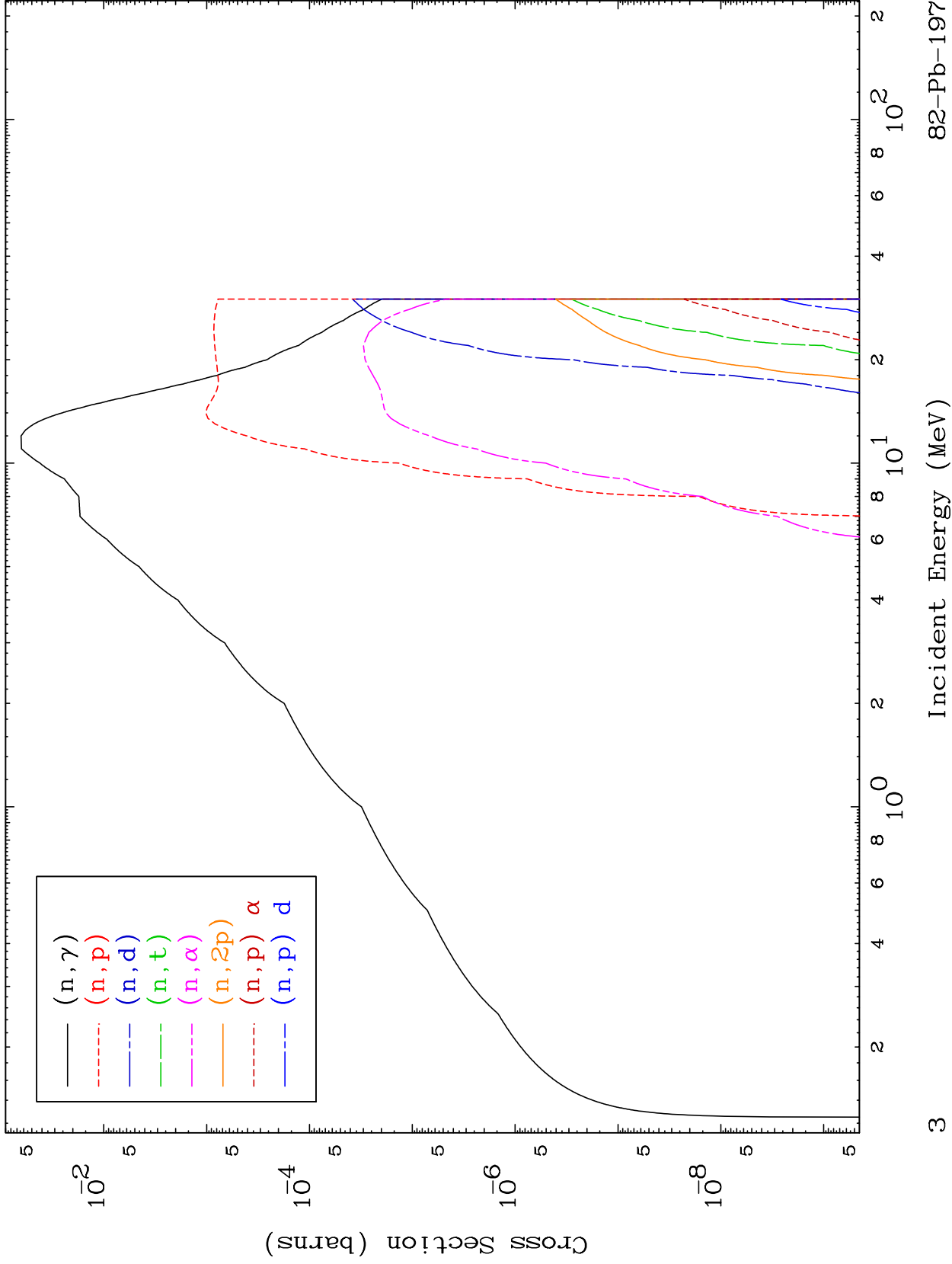
E.Mail:redcullen1@comcast.net

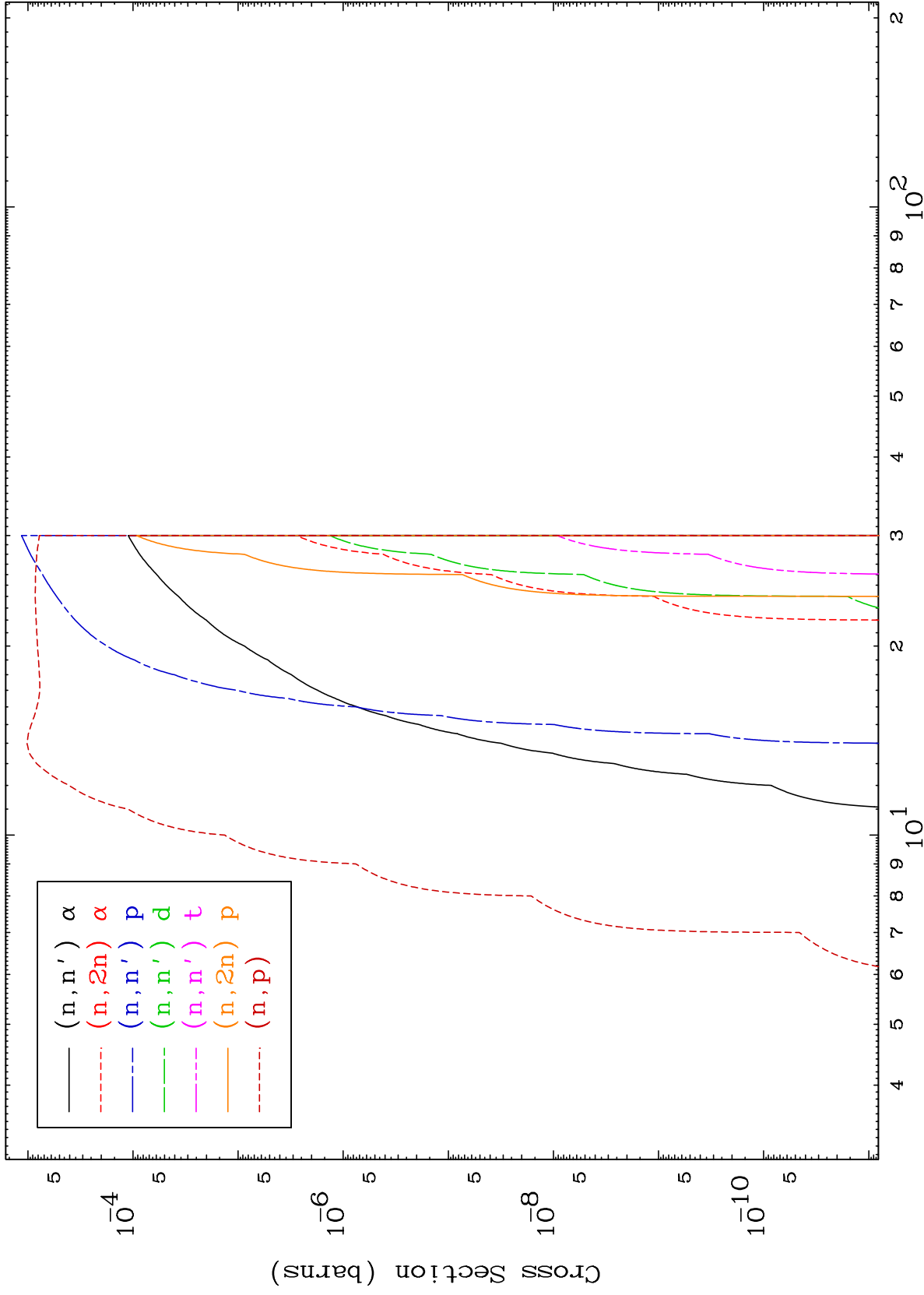
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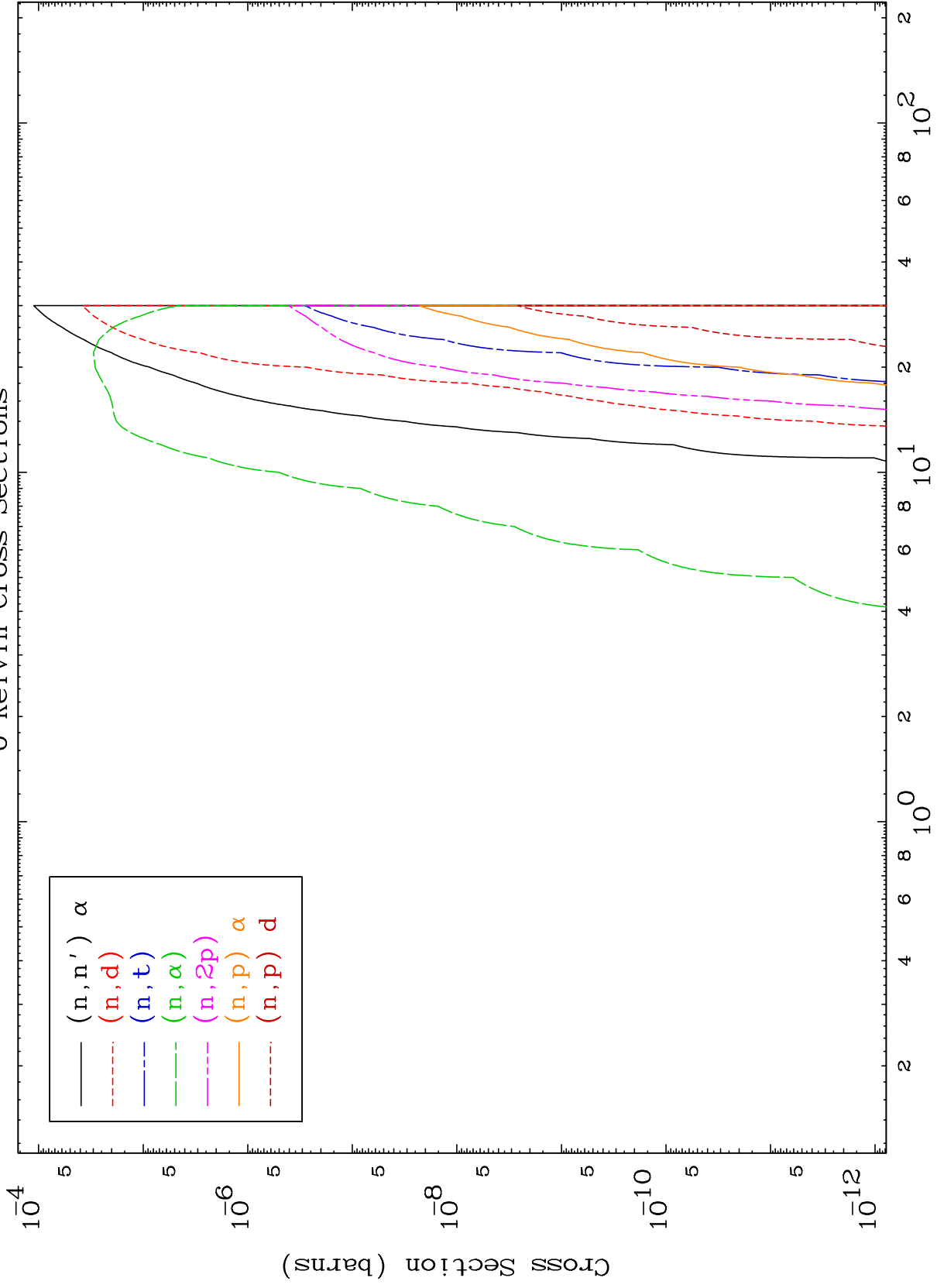
Press Mouse Button to Start



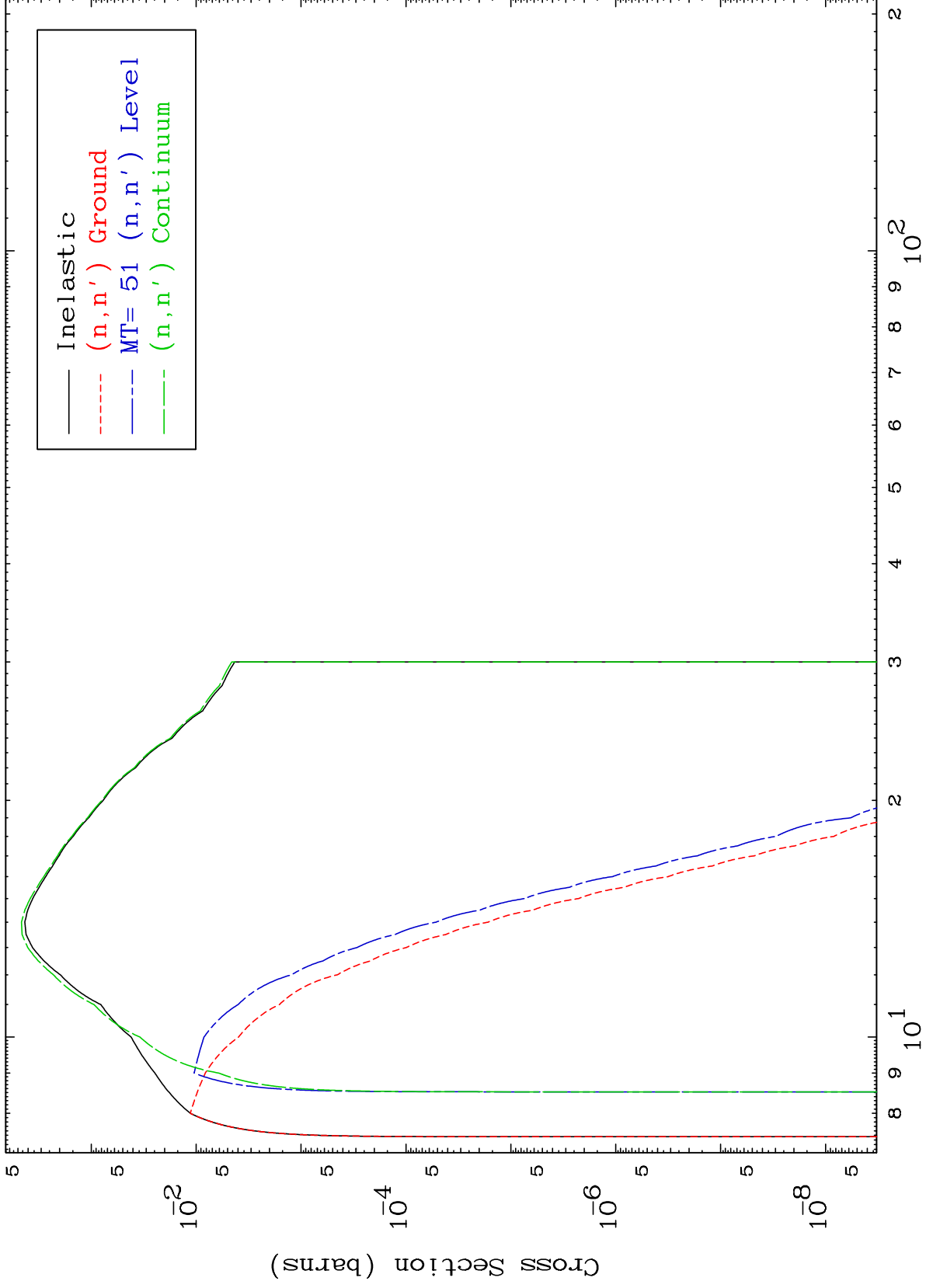








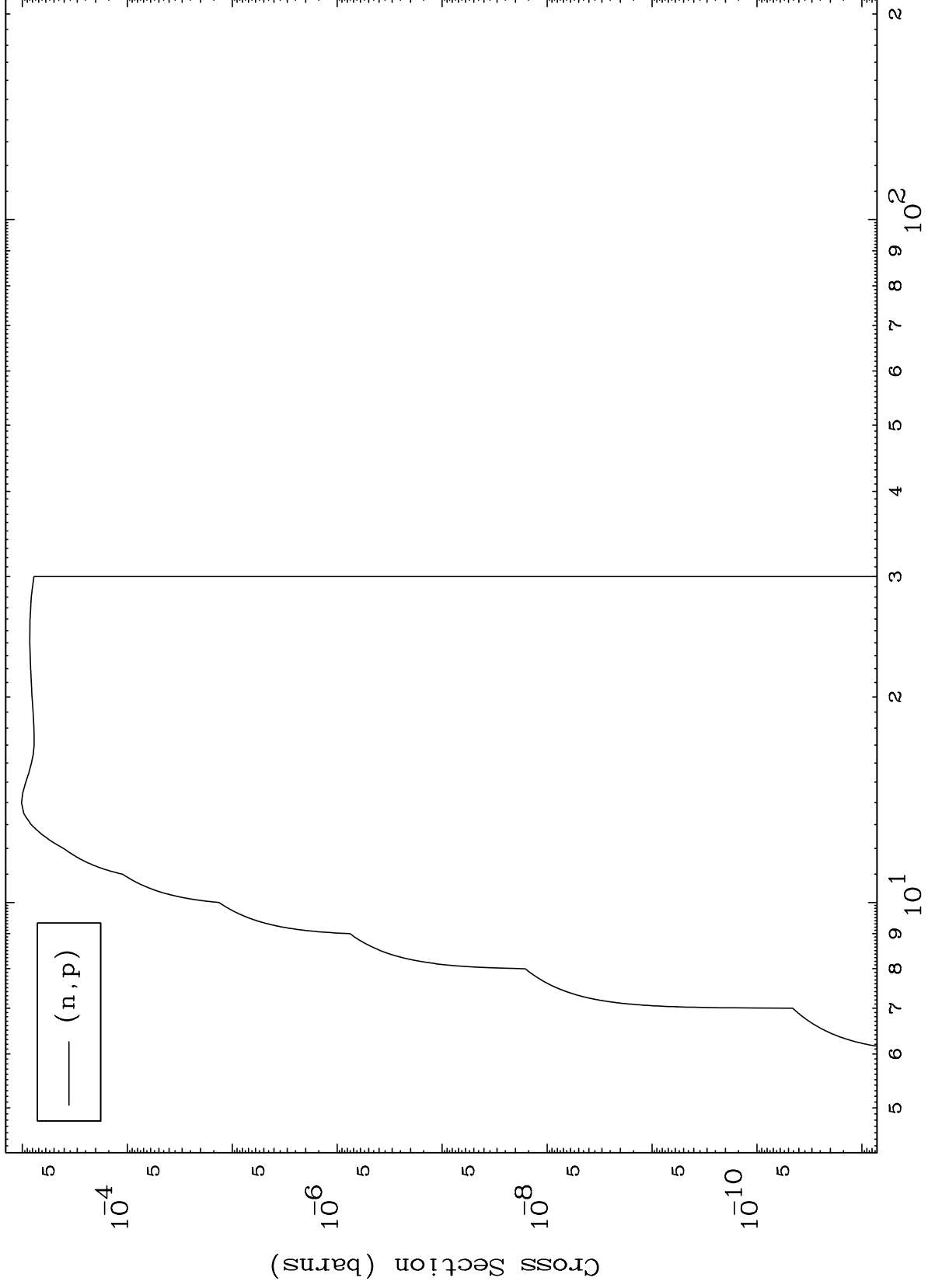
(γ, n') Levels
0 Kelvin Cross Sections



MAT 8204

(γ, p) Levels
0 Kelvin Cross Sections

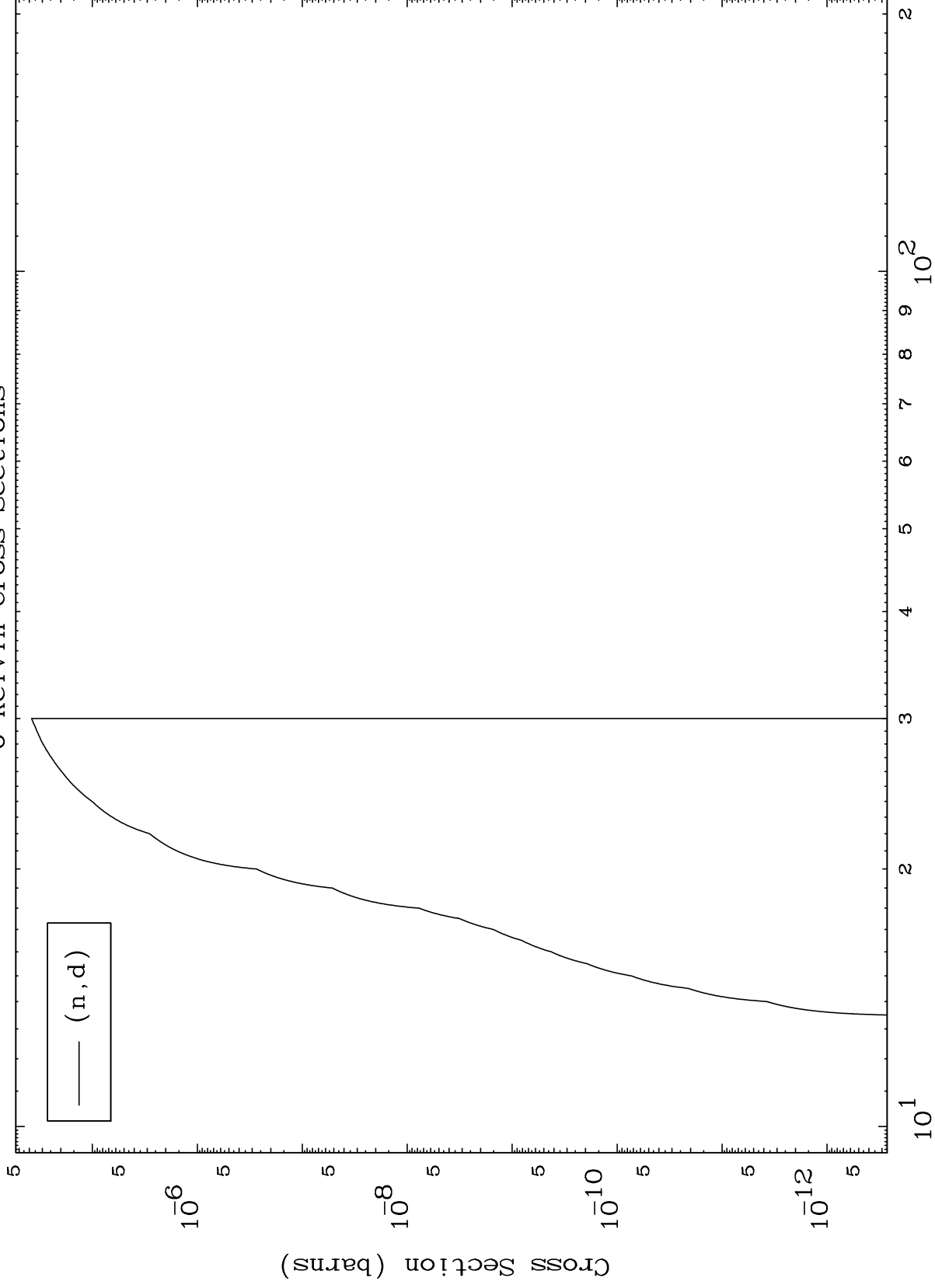
82-Pb-197



MAT 8204

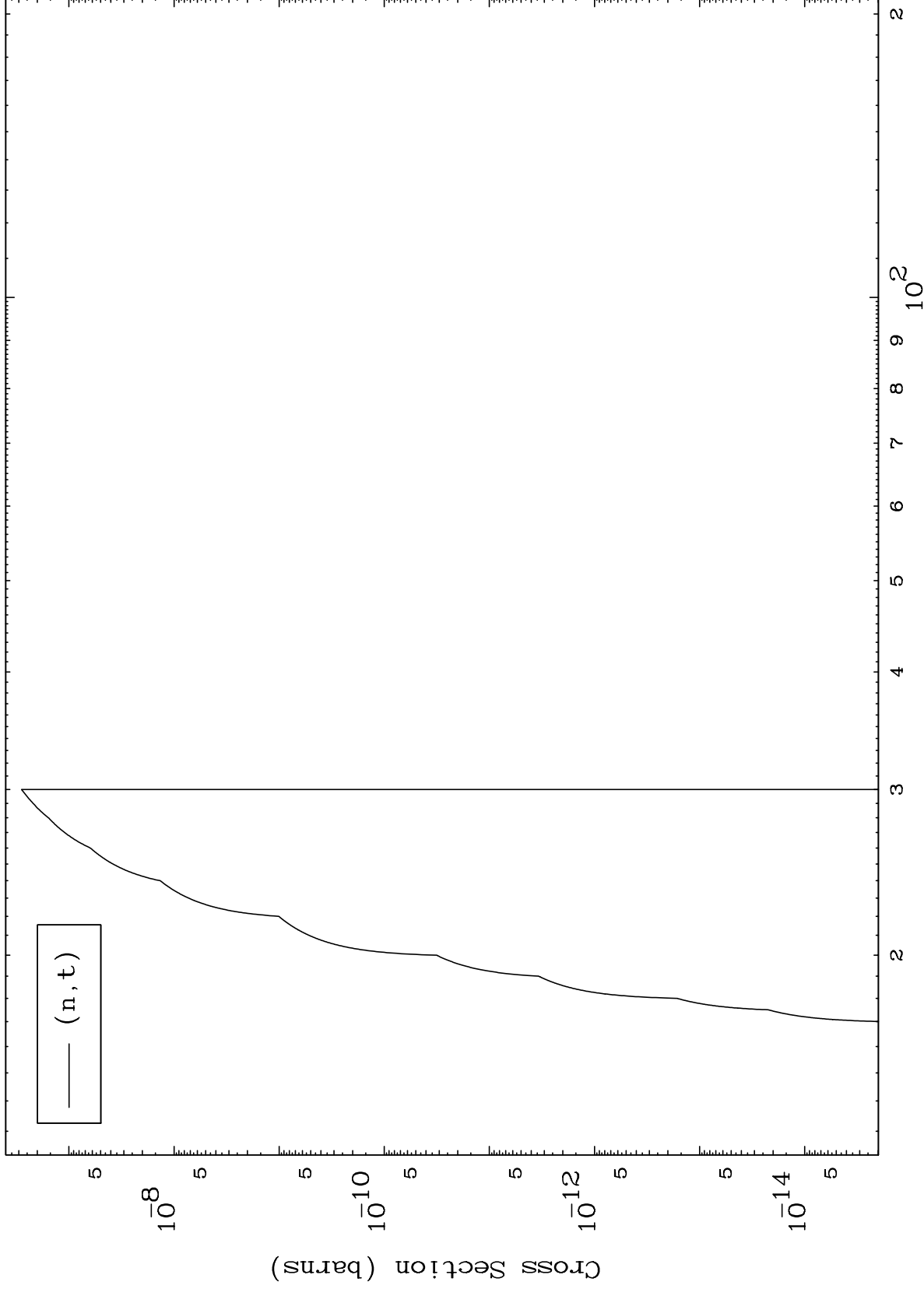
(γ, d) Levels
0 Kelvin Cross Sections

82-Pb-197



Incident Energy (MeV)

82-Pb-197

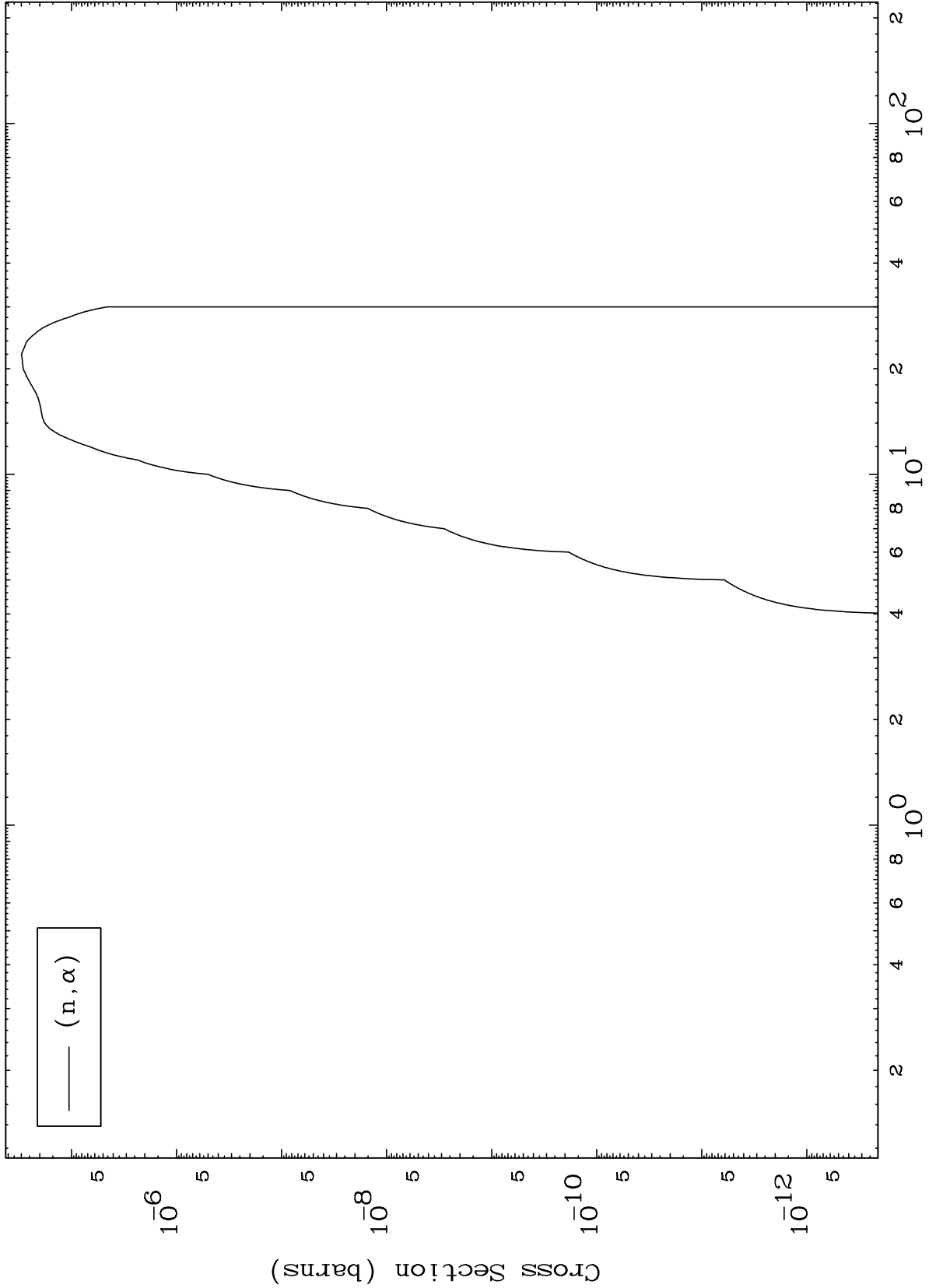


MAT 8204

(γ, α) Levels

82-Pb-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

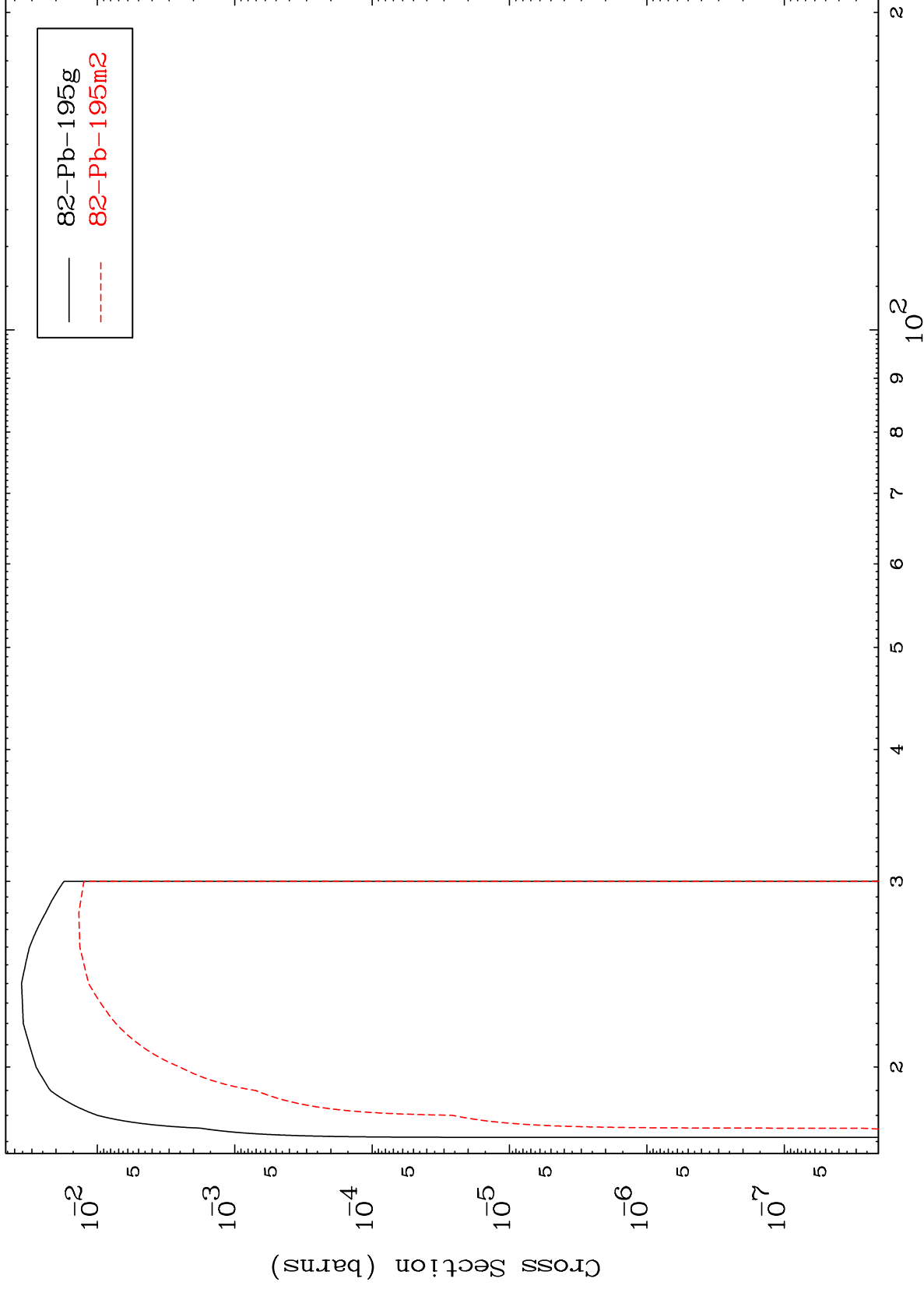
82-Pb-197

MAT 8204

(n,2n)

82-Pb-197

Radionuclide Production Cross Section



11

Incident Energy (MeV)

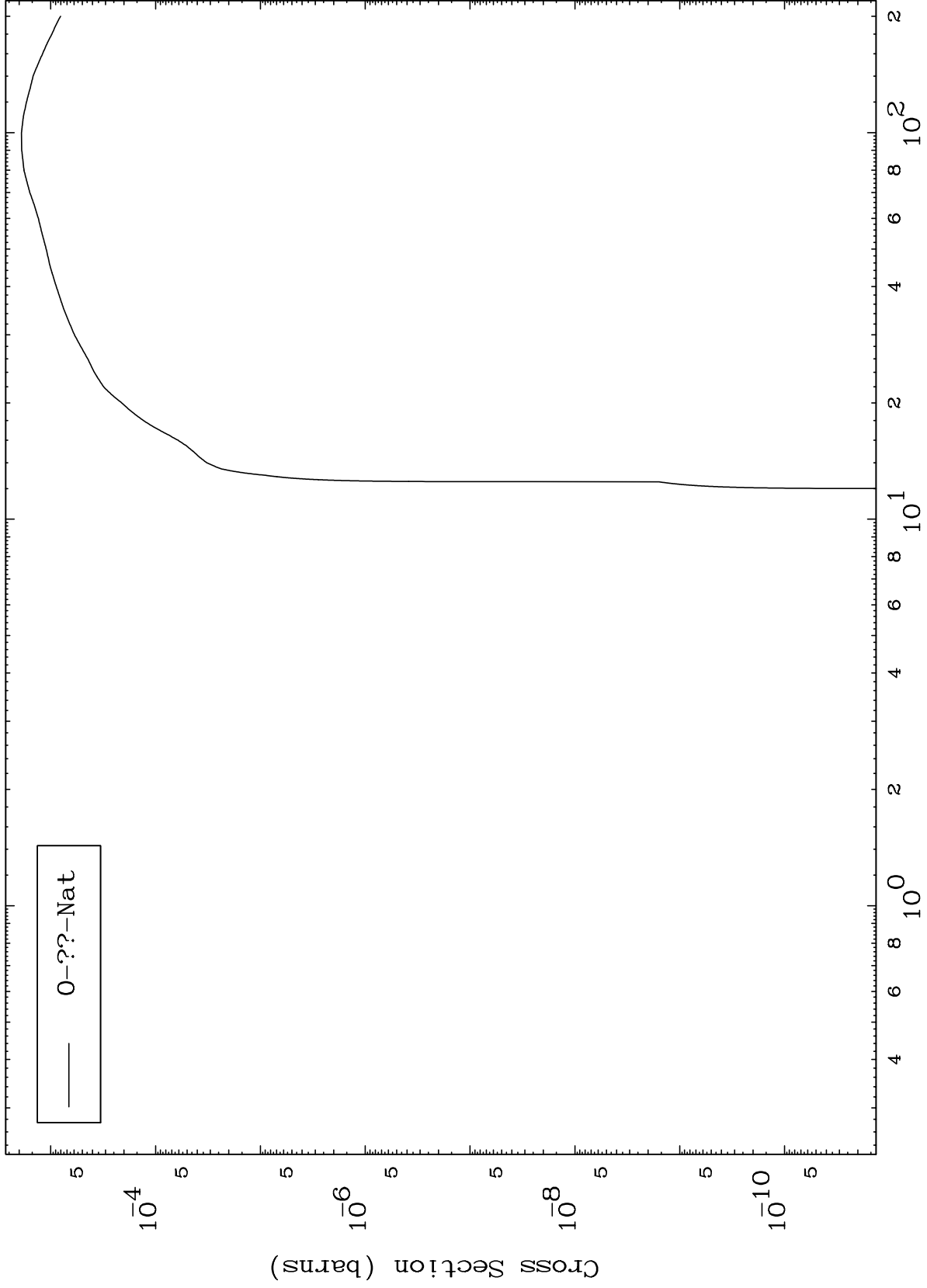
82-Pb-197

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section

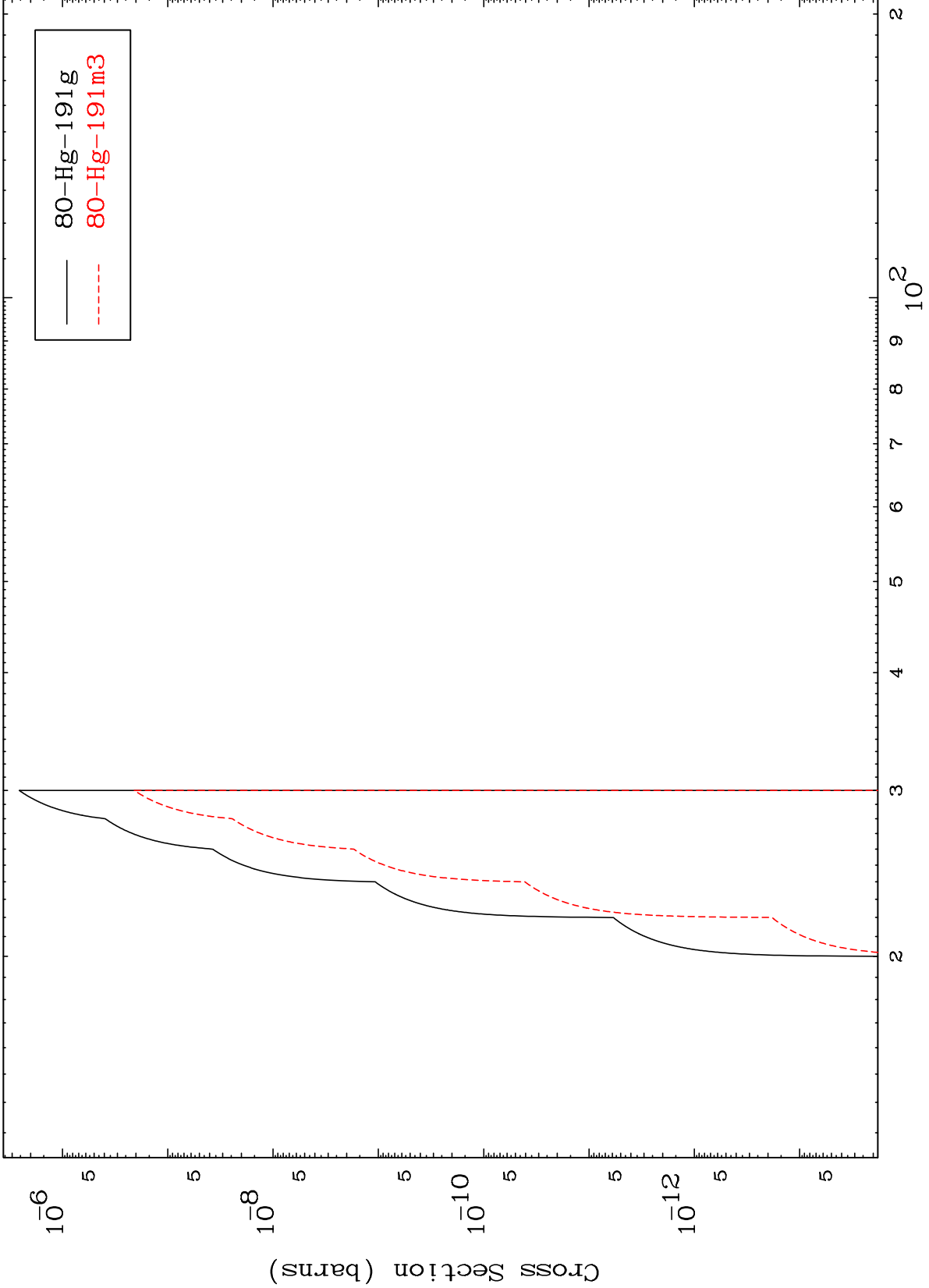


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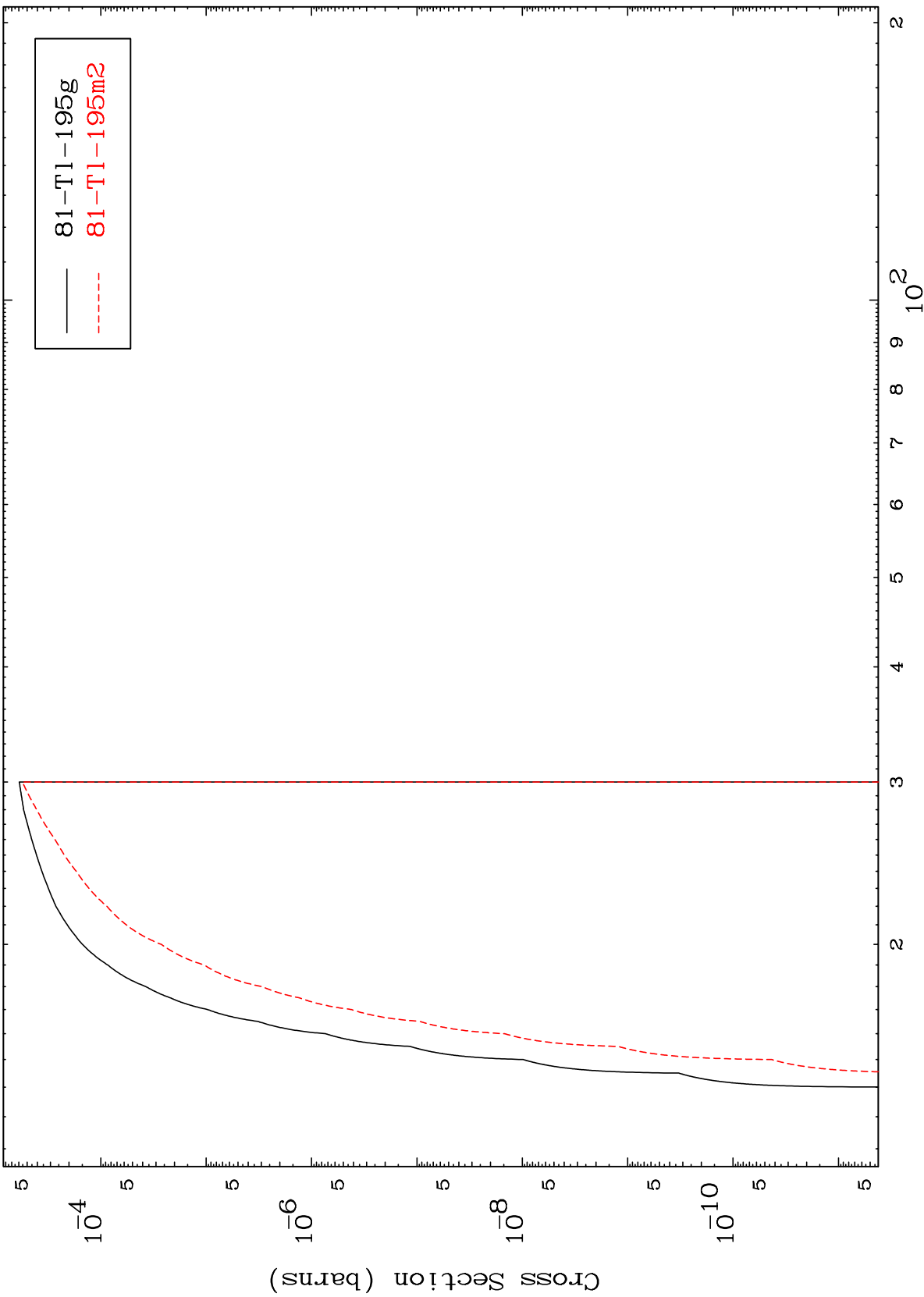
(n,2n) α

82-Pb-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section



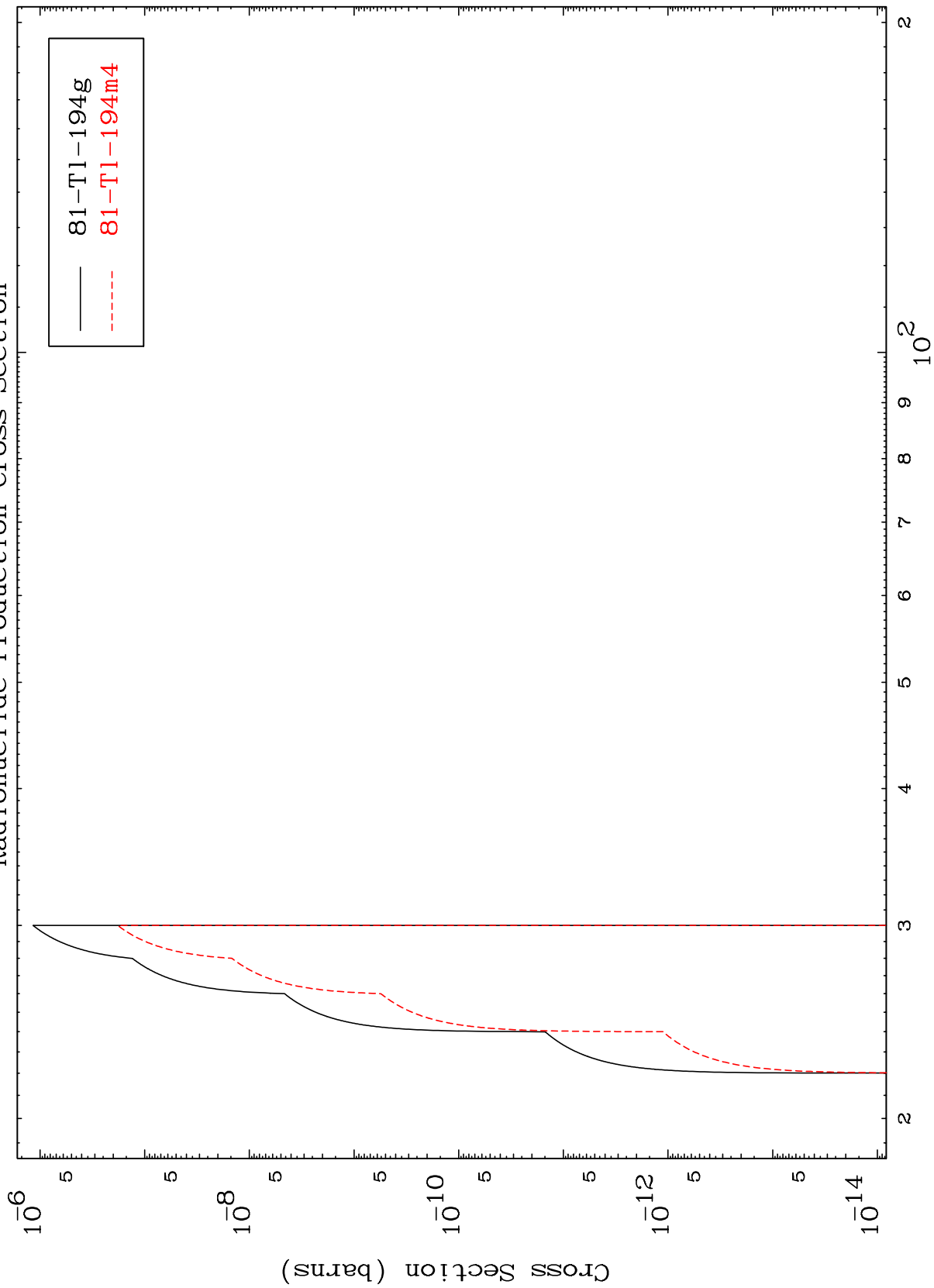
81-Tl-195g
81-Tl-195m2

MAT 8204

(n,n') d

82-Pb-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

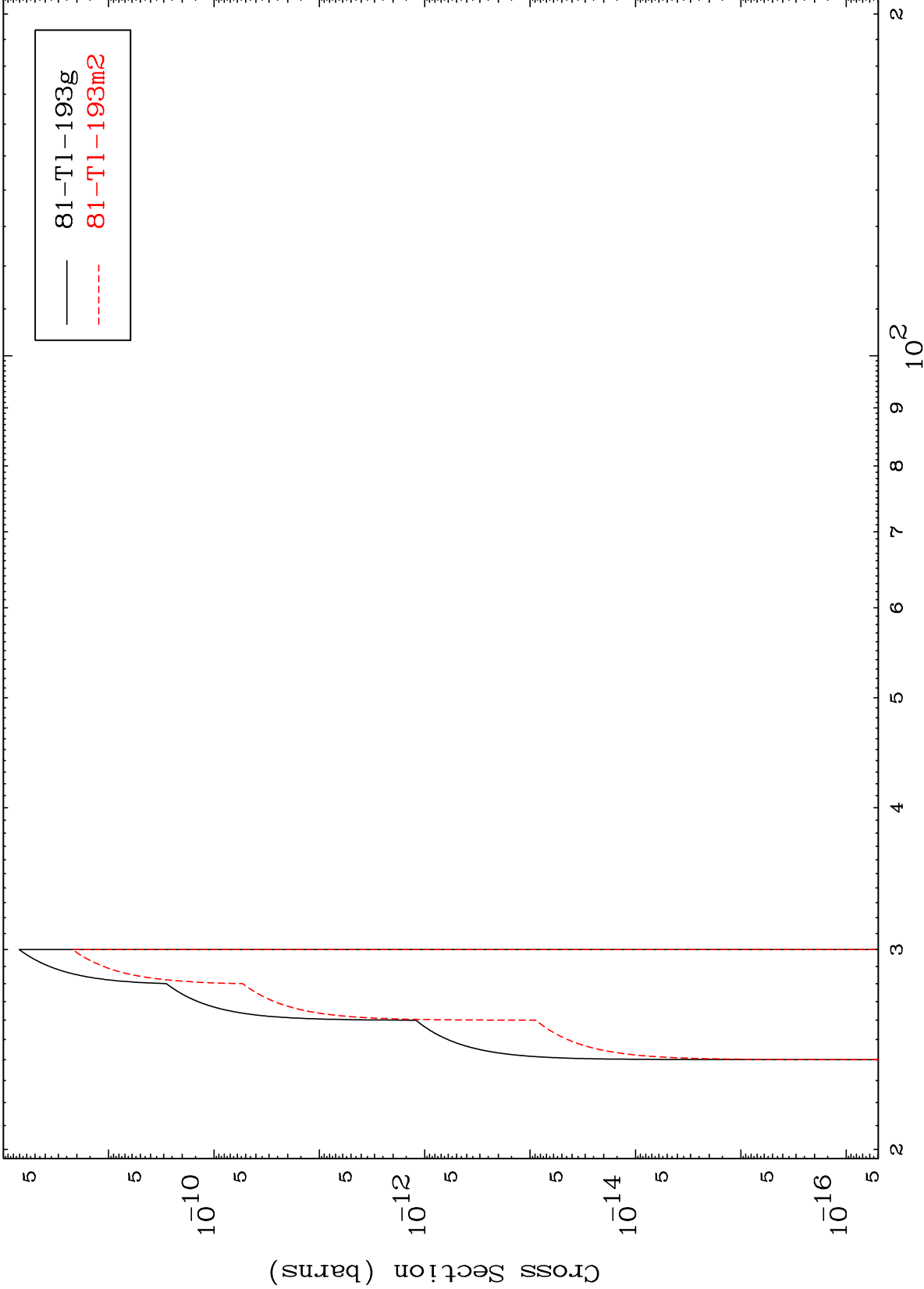
82-Pb-197

MAT 8204

(n,n') t

82-Pb-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

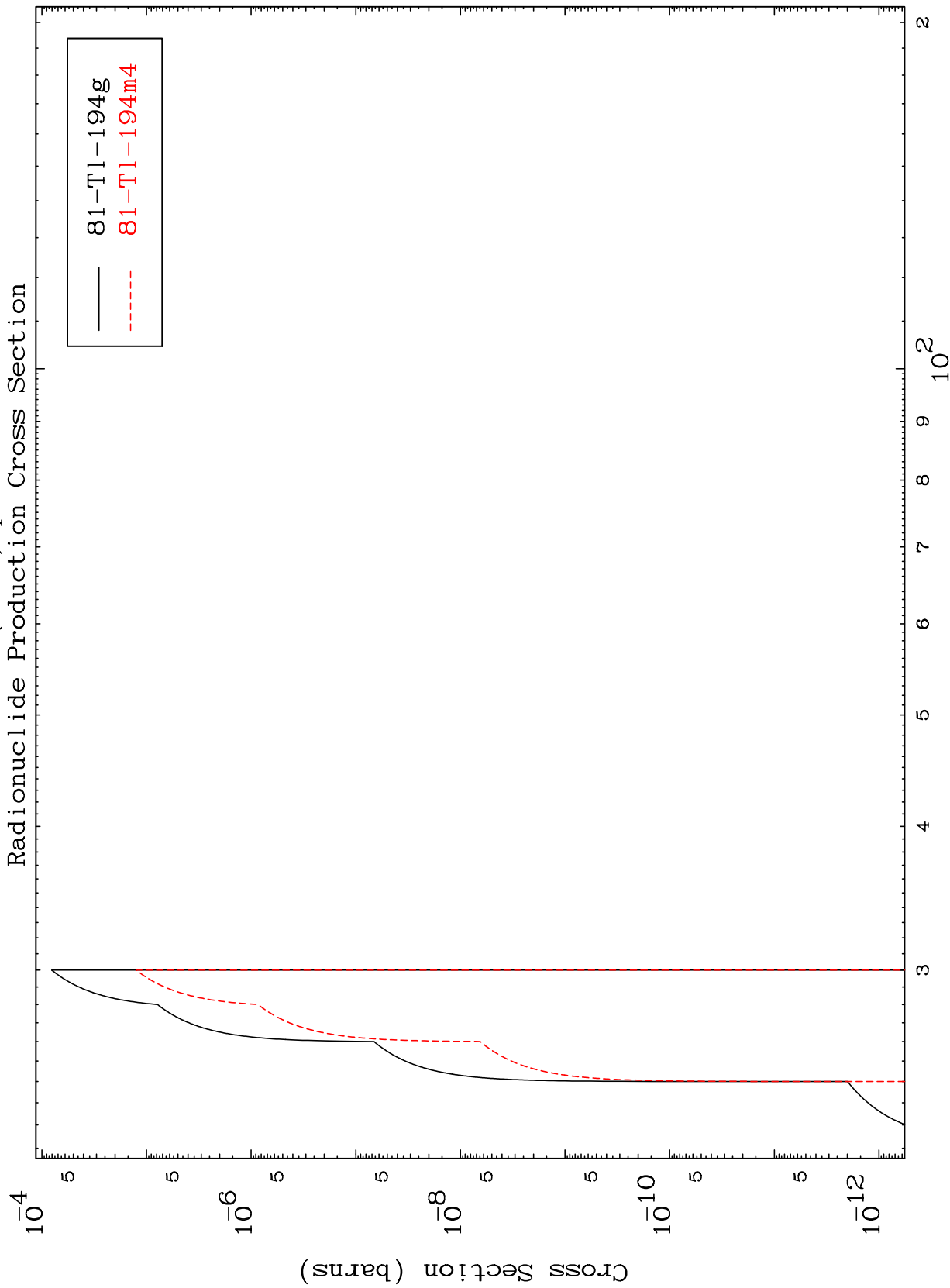
82-Pb-197

MAT 8204

82-Pb-197

(n,2n) p

Radionuclide Production Cross Section



82-Pb-197

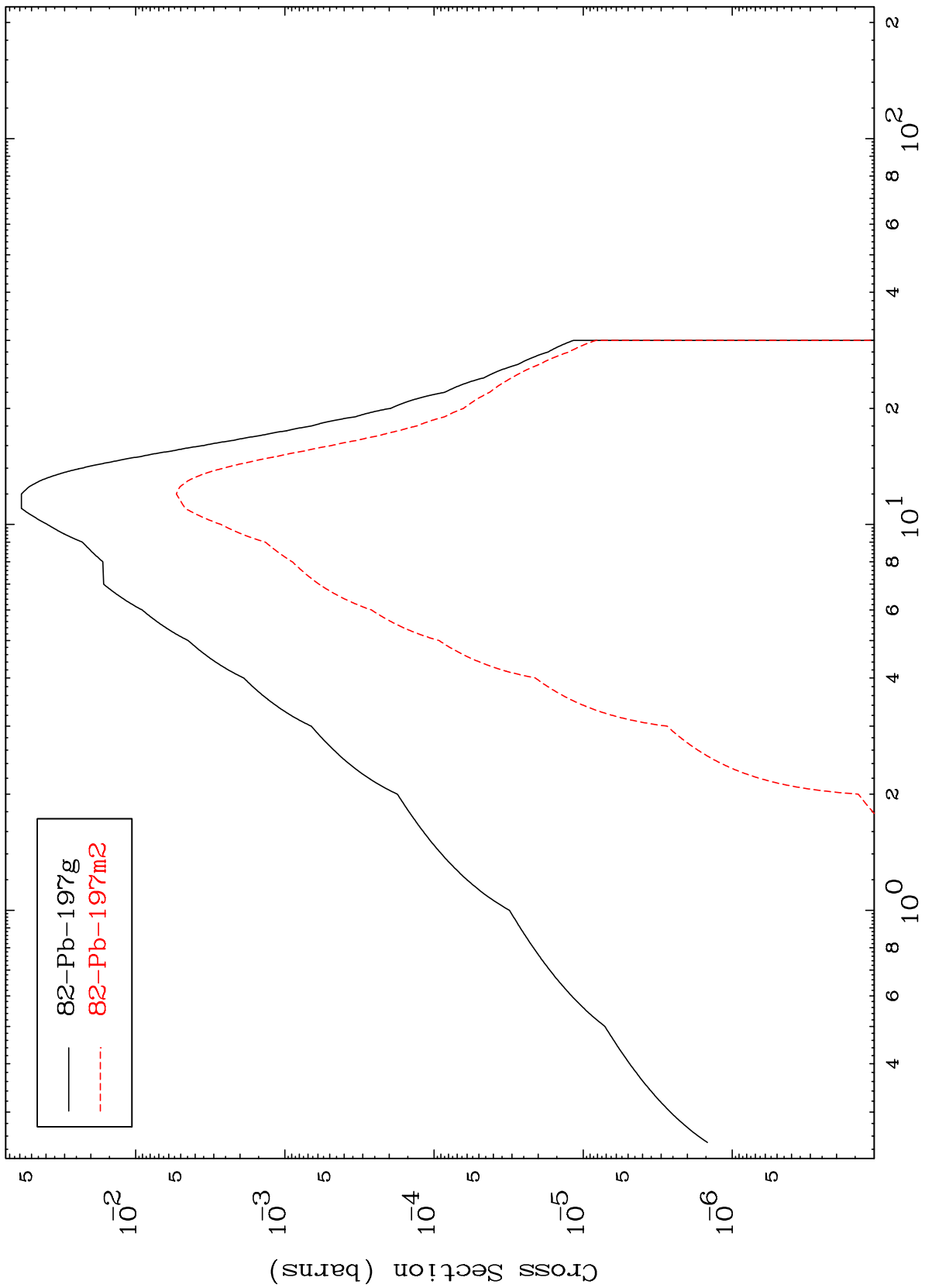
Incident Energy (MeV)

17

MAT 8204

82-Pb-197

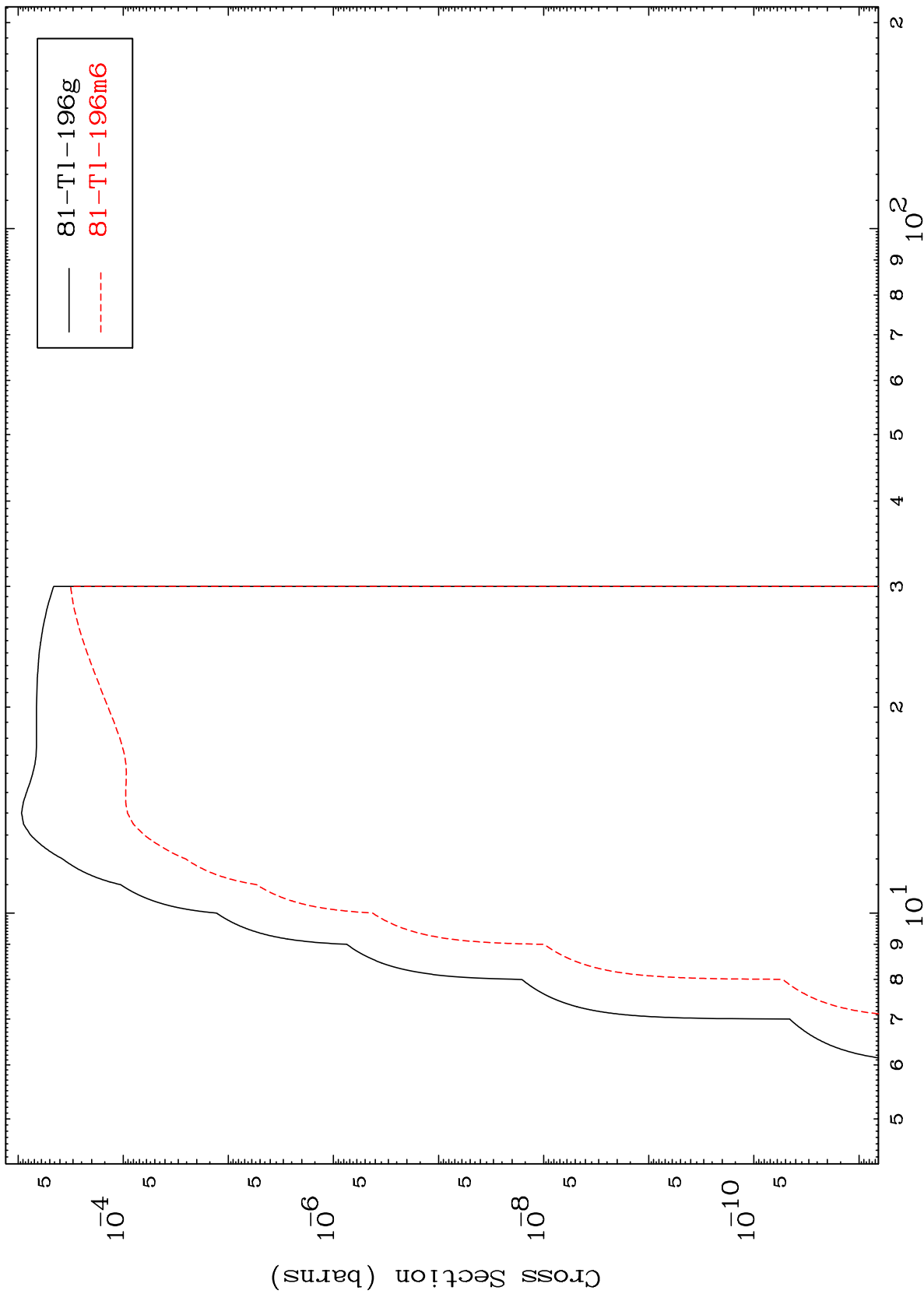
(n, γ)
Radionuclide Production Cross Section



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82-Pb-197

(n,p)
Radionuclide Production Cross Section



19

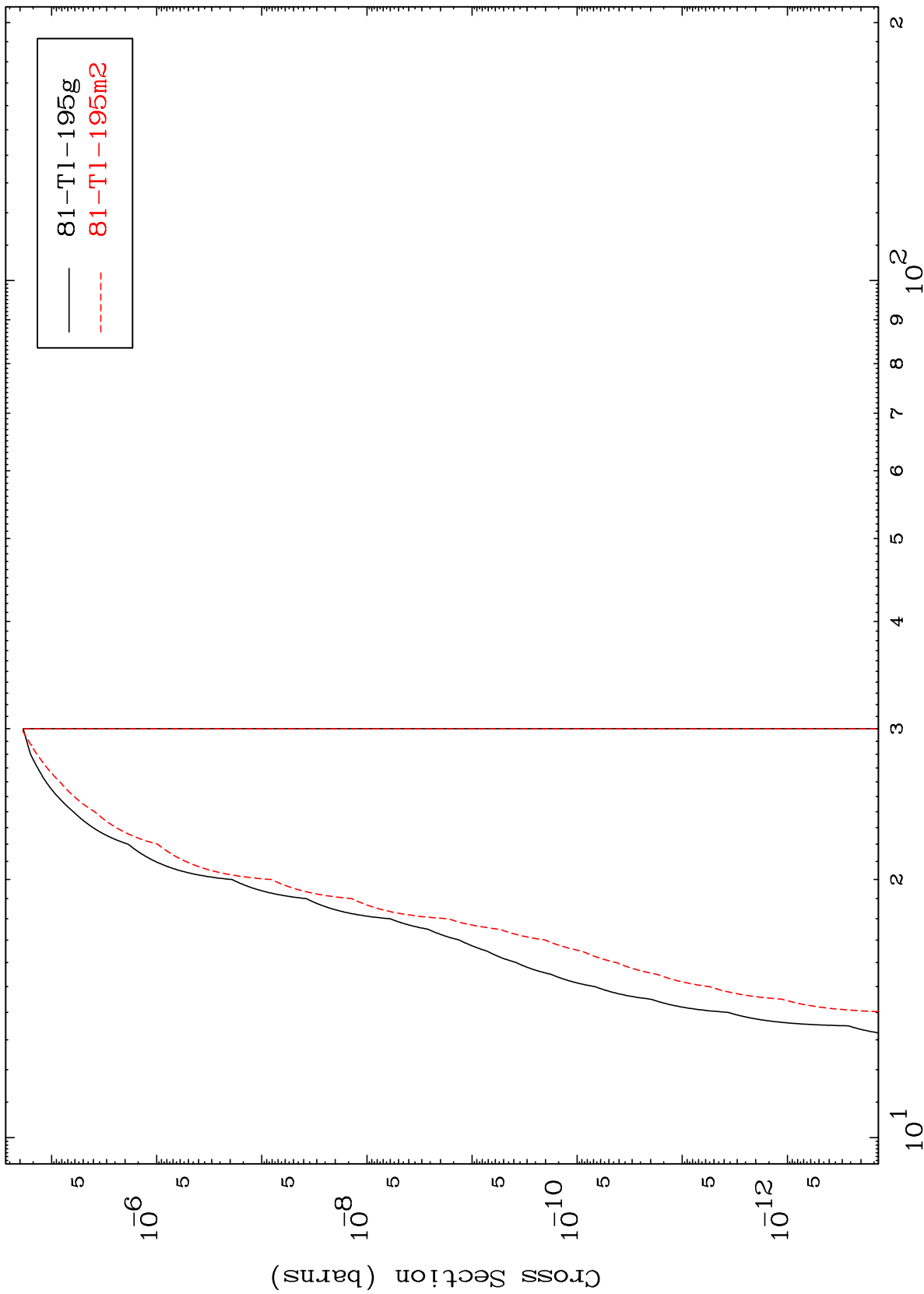
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(n,d)
Radionuclide Production Cross Section

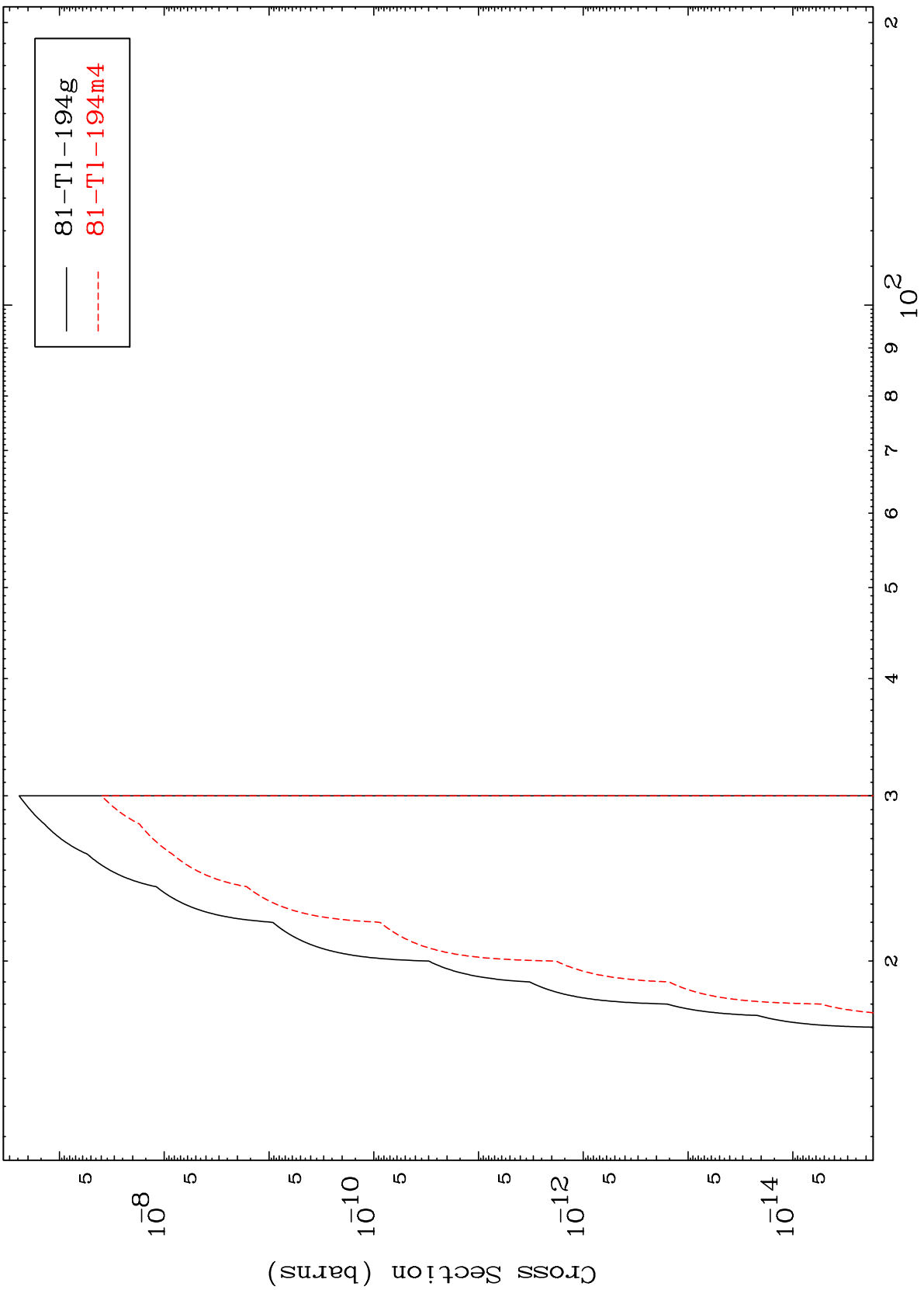


82-Pb-197

Incident Energy (MeV)

20

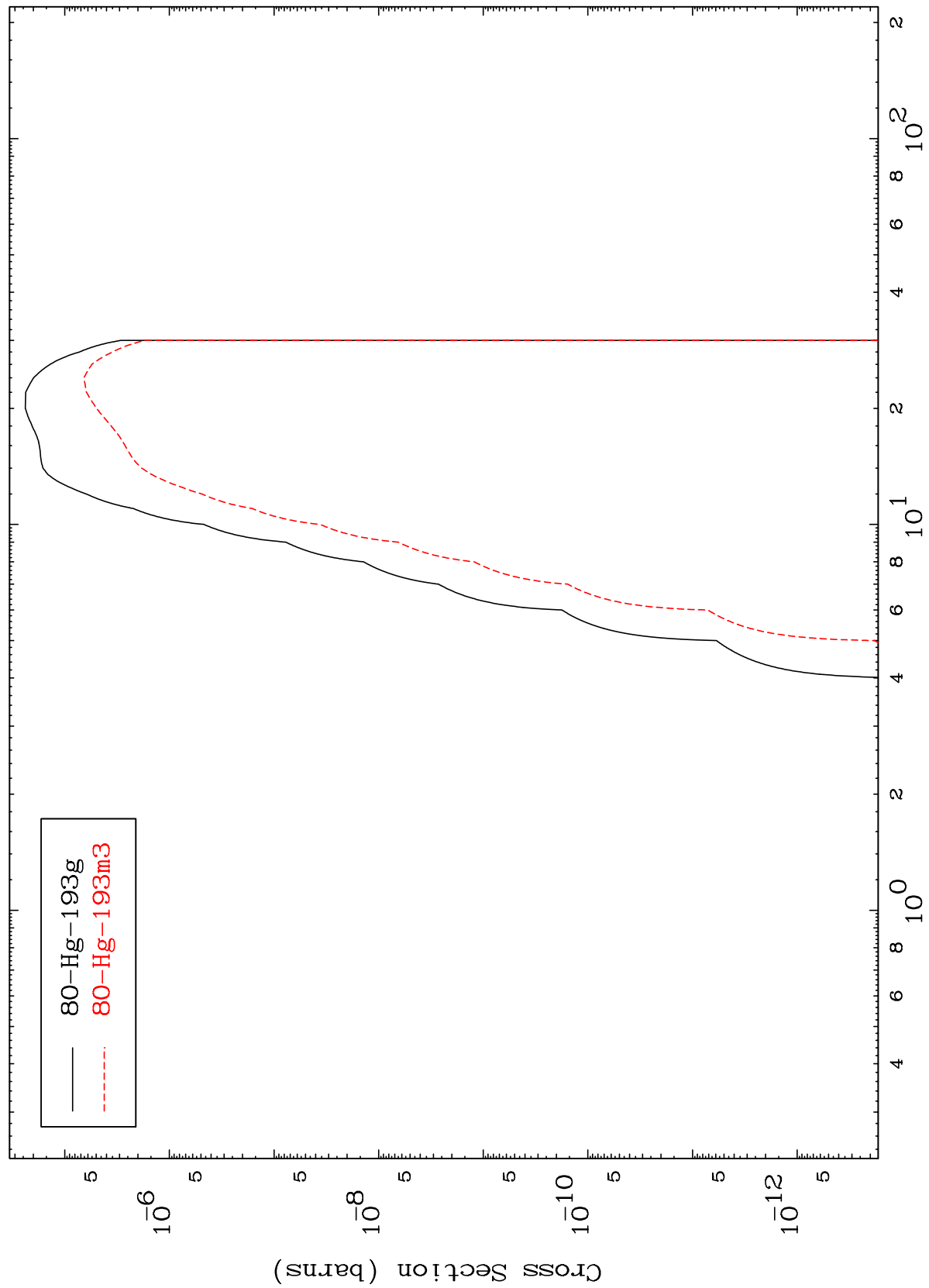
(n, t)
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

(n, α)
Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

82-Pb-197

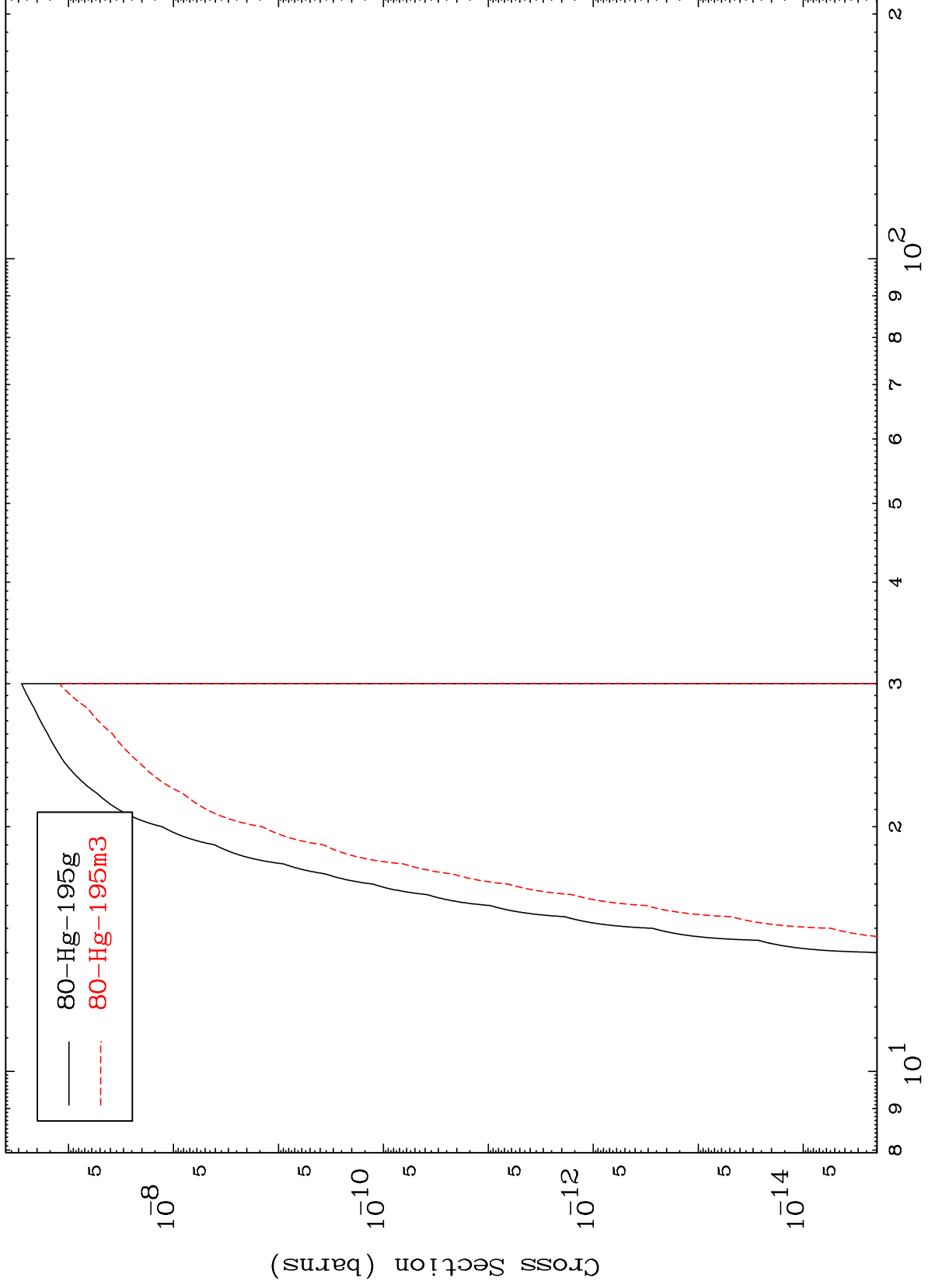
Incident Energy (MeV)

22

MAT 8204

82-Pb-197

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197

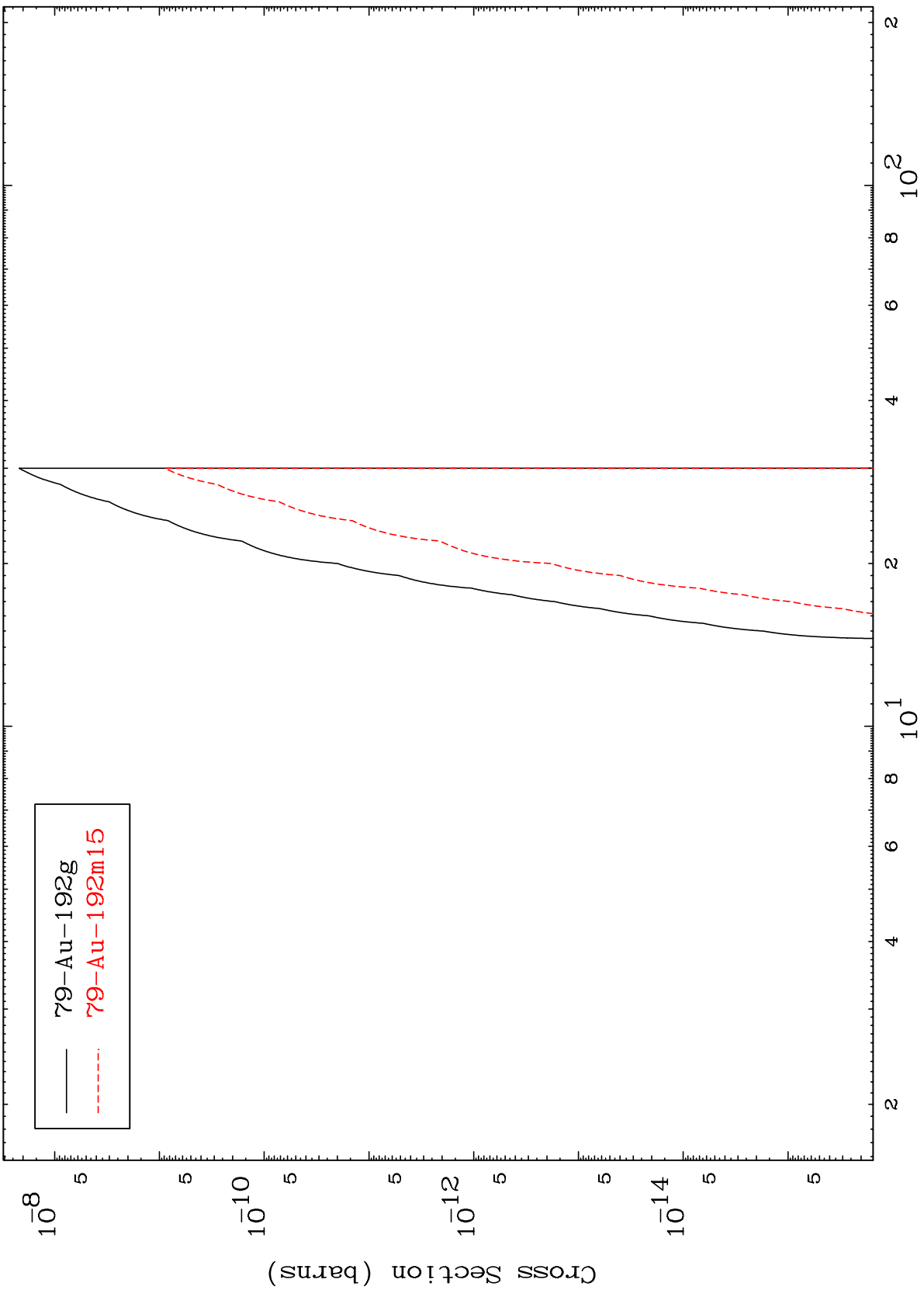
23

MAT 8204

(n,p) α

82-Pb-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

82-Pb-197