

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

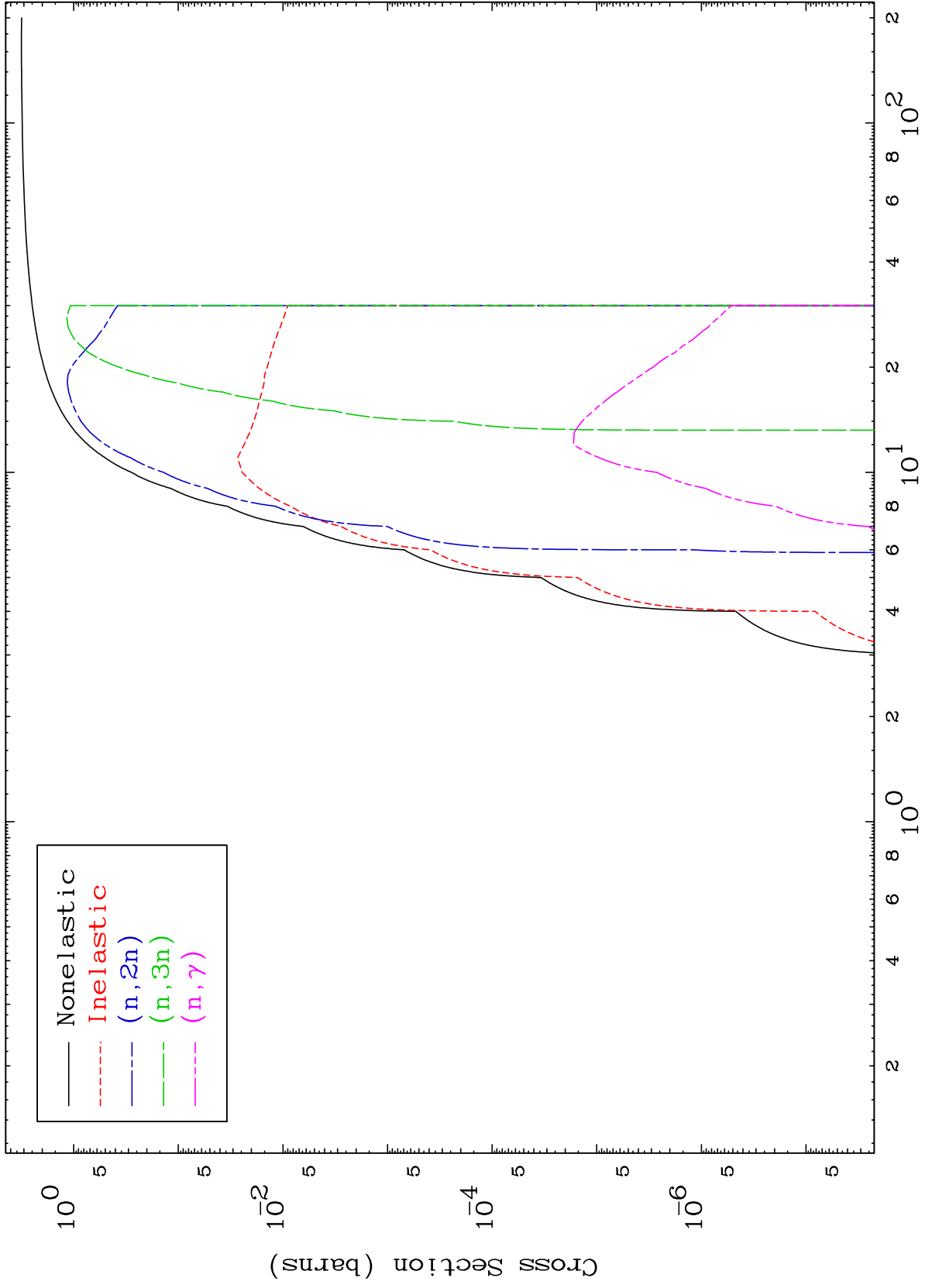
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

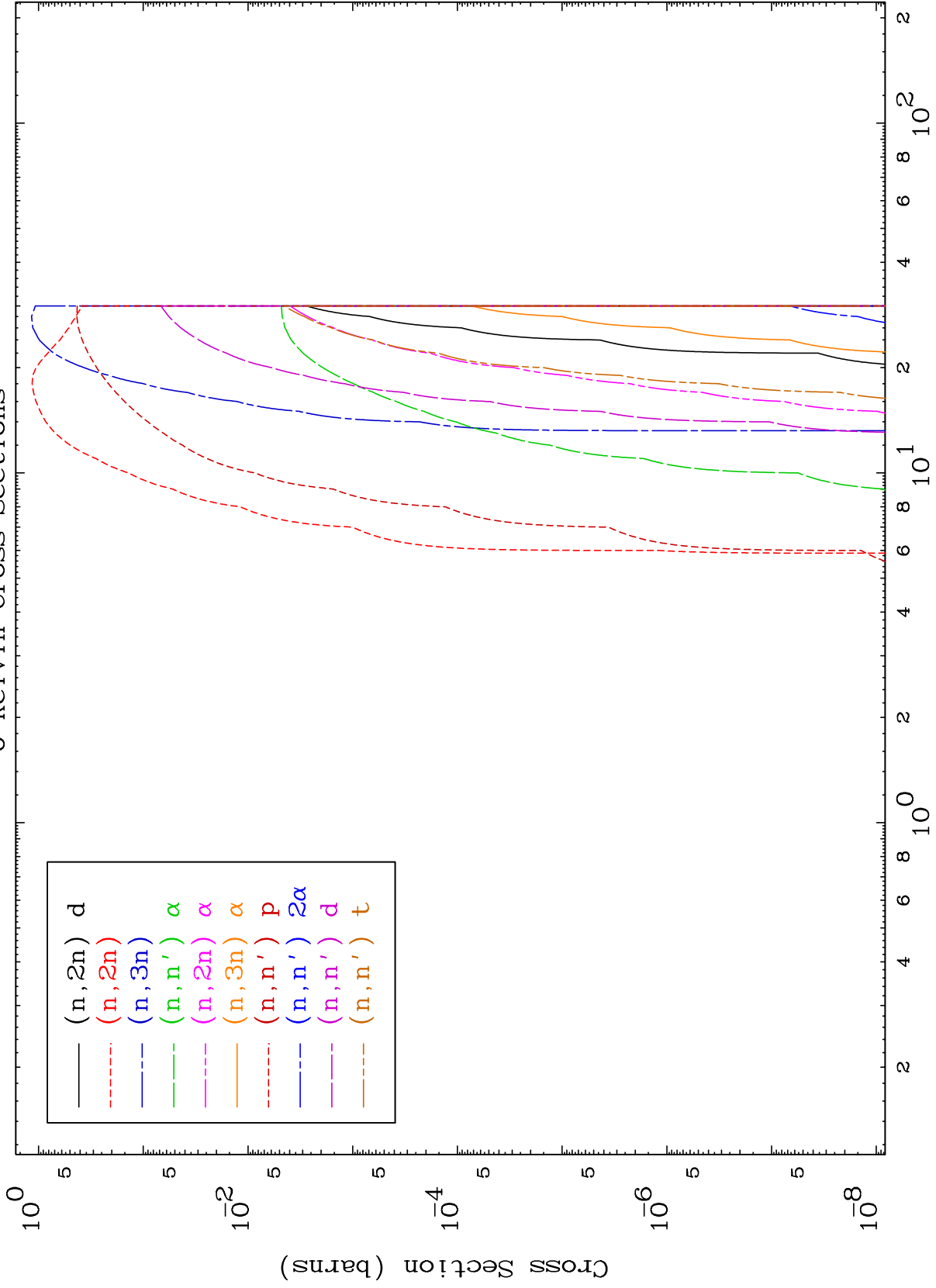
Tele: 925-443-1911

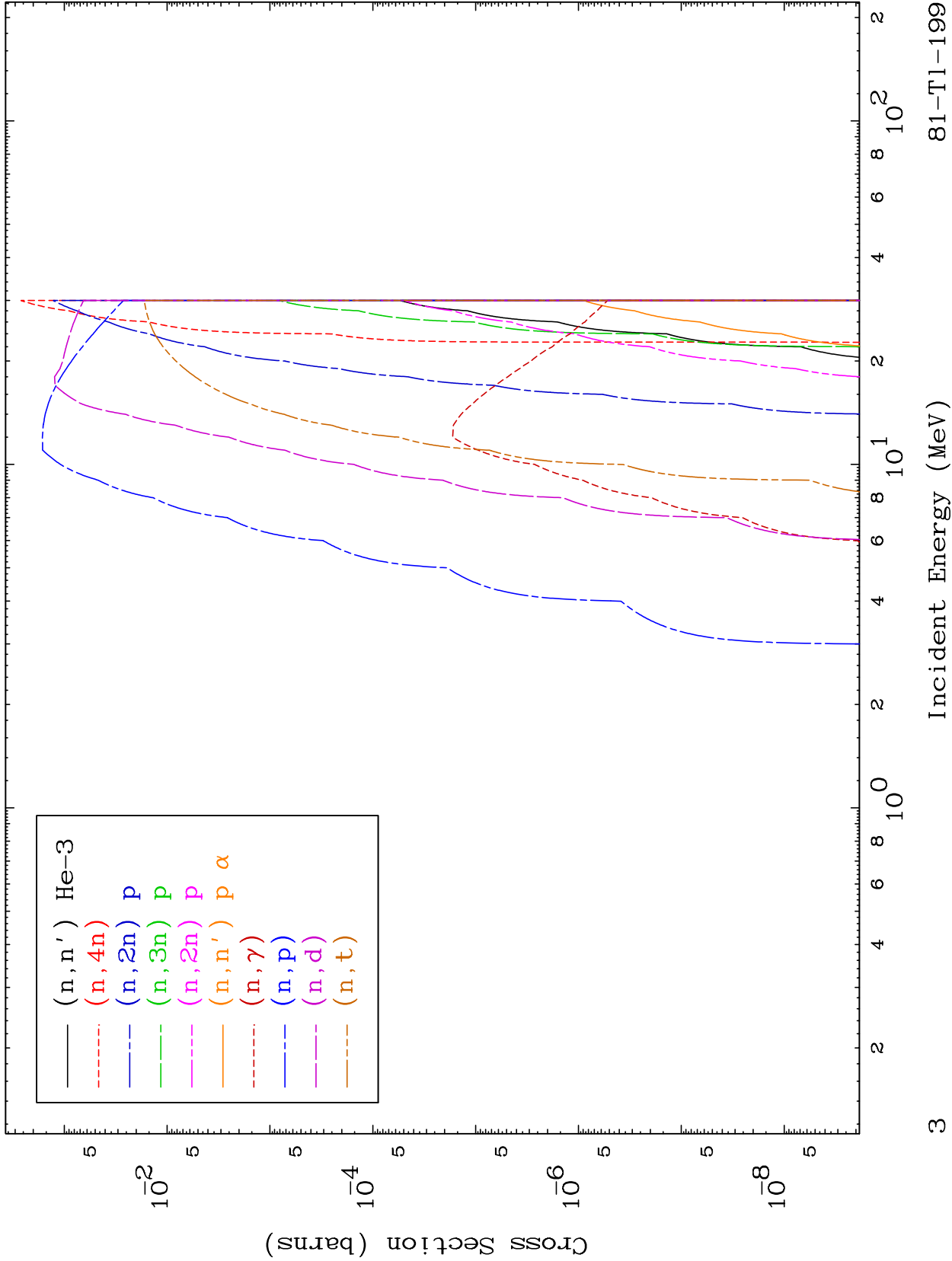
E.Mail:redcullen1@comcast.net

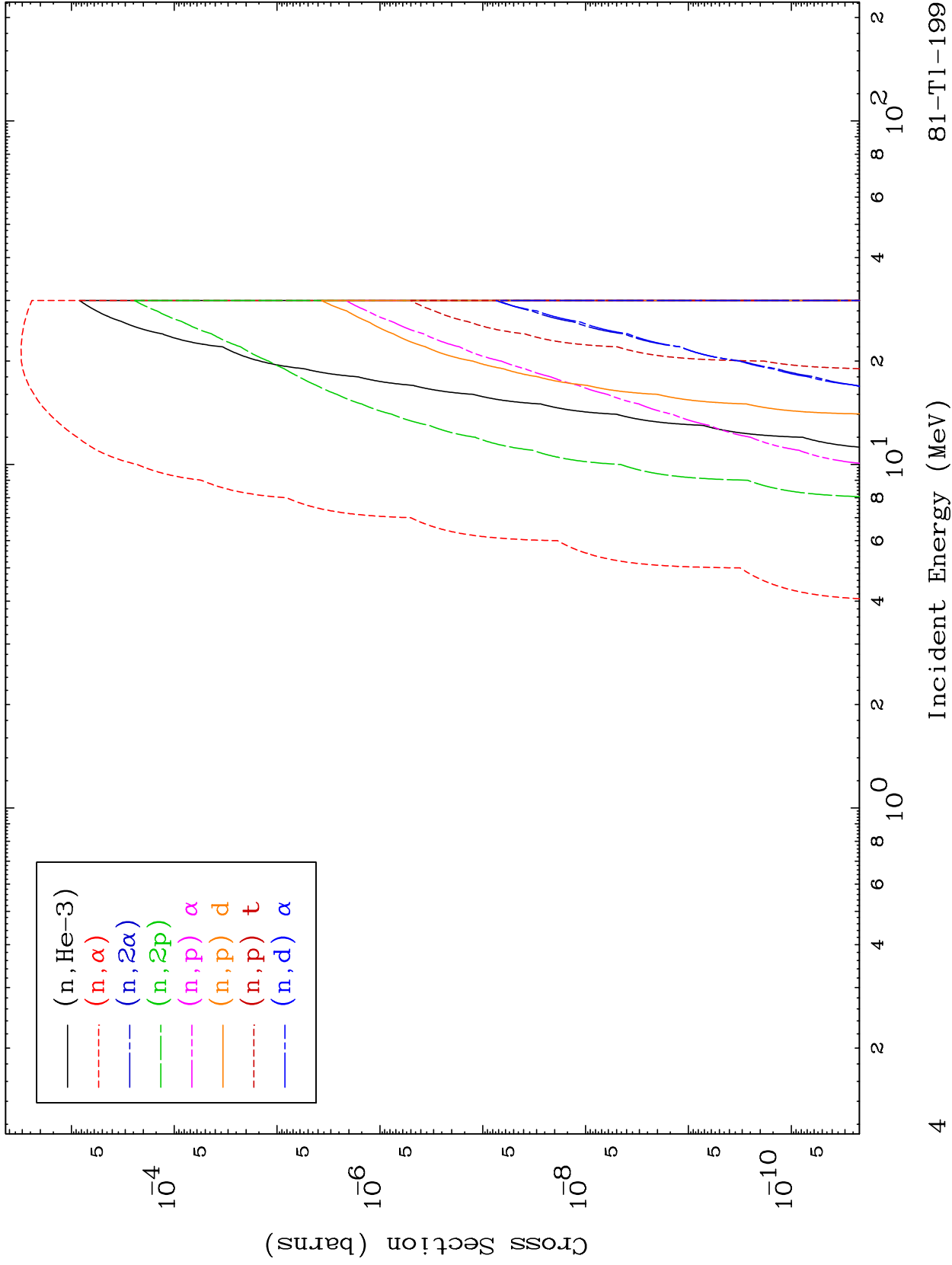
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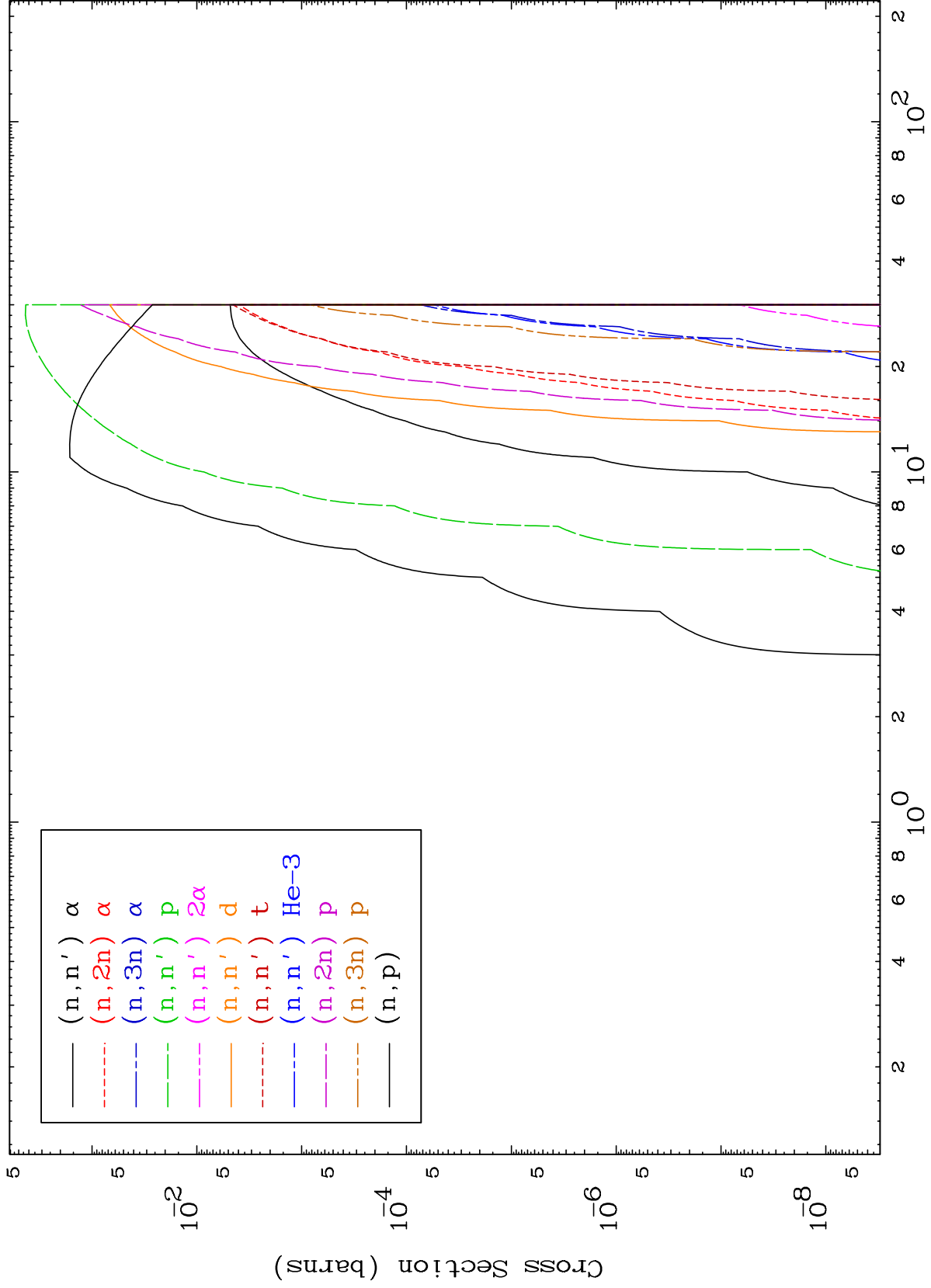
Press Mouse Button to Start

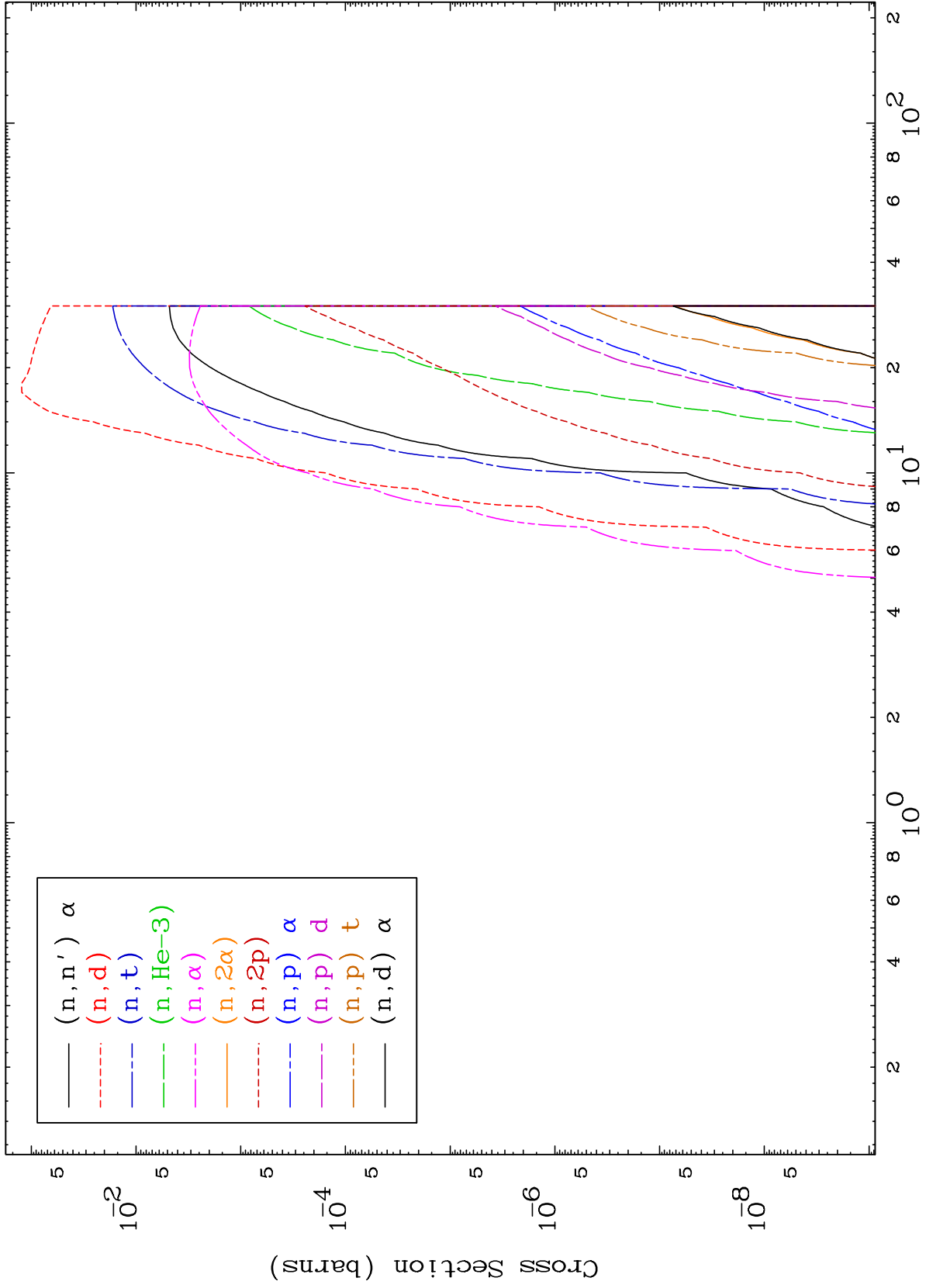










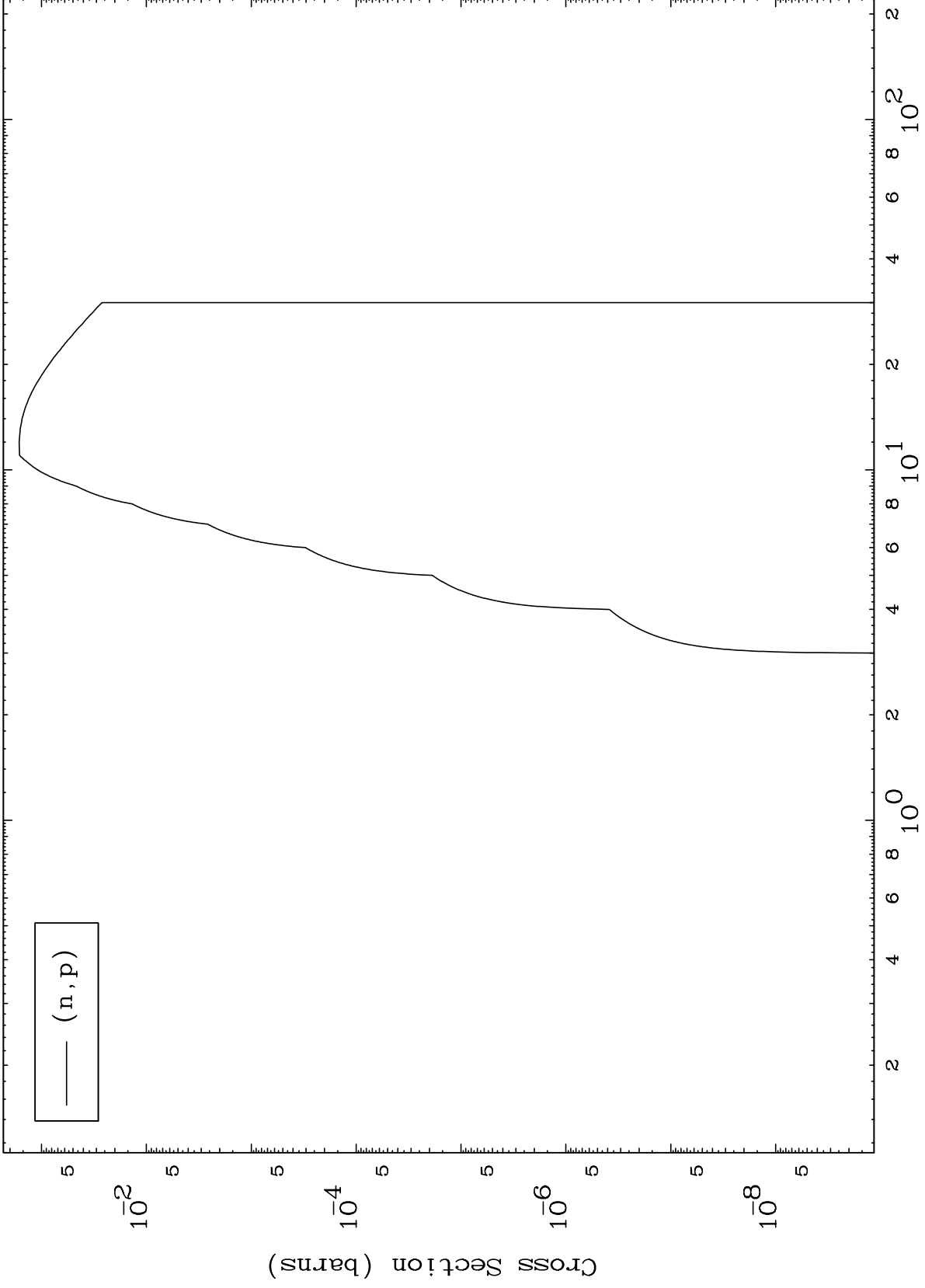


MAT 81113

(d,p) Levels

81-Tl-199

0 Kelvin Cross Sections



7

Incident Energy (MeV)

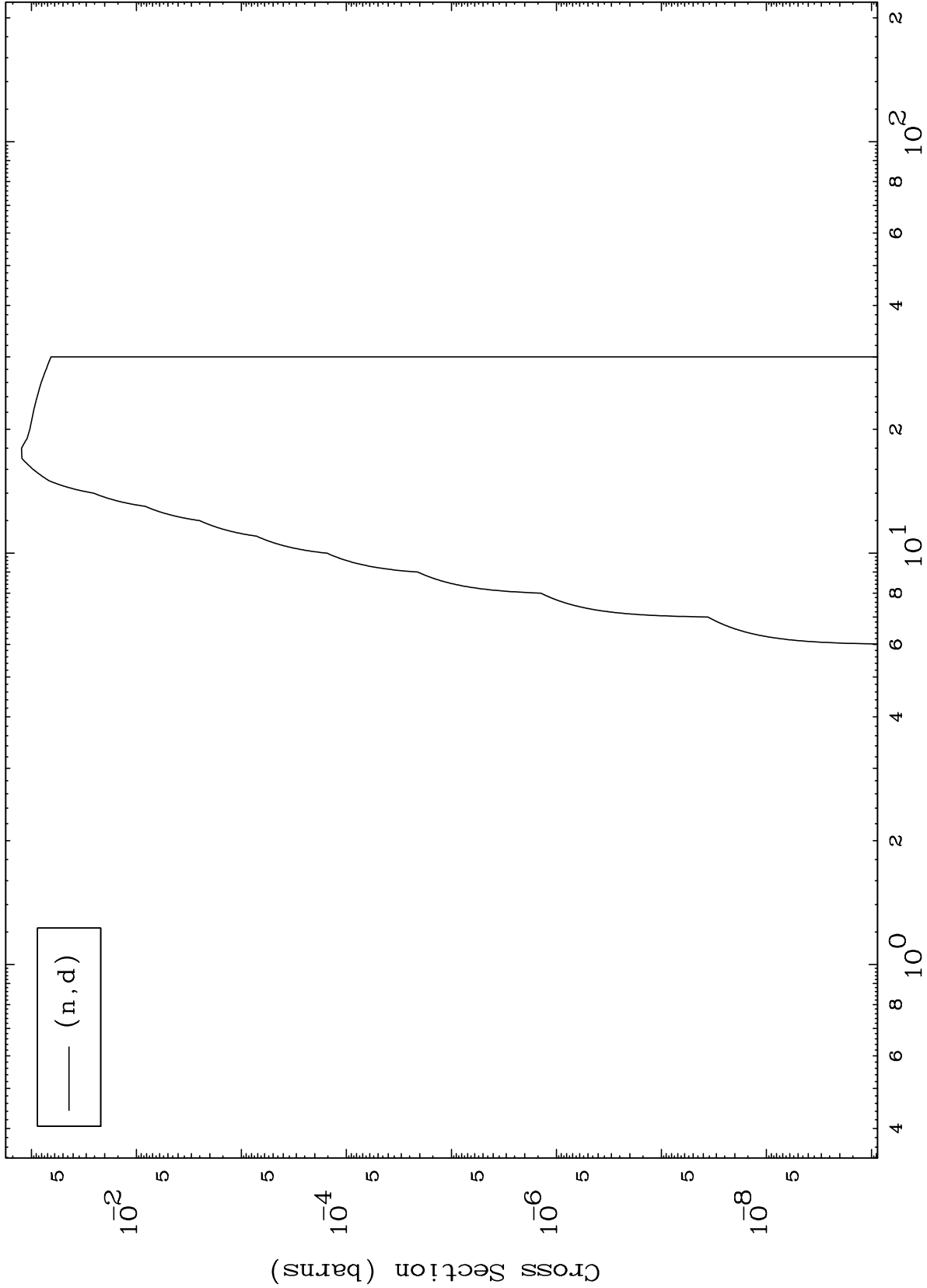
81-Tl-199

MAT 81113

(d,d) Levels

81-Tl-199

0 Kelvin Cross Sections



8

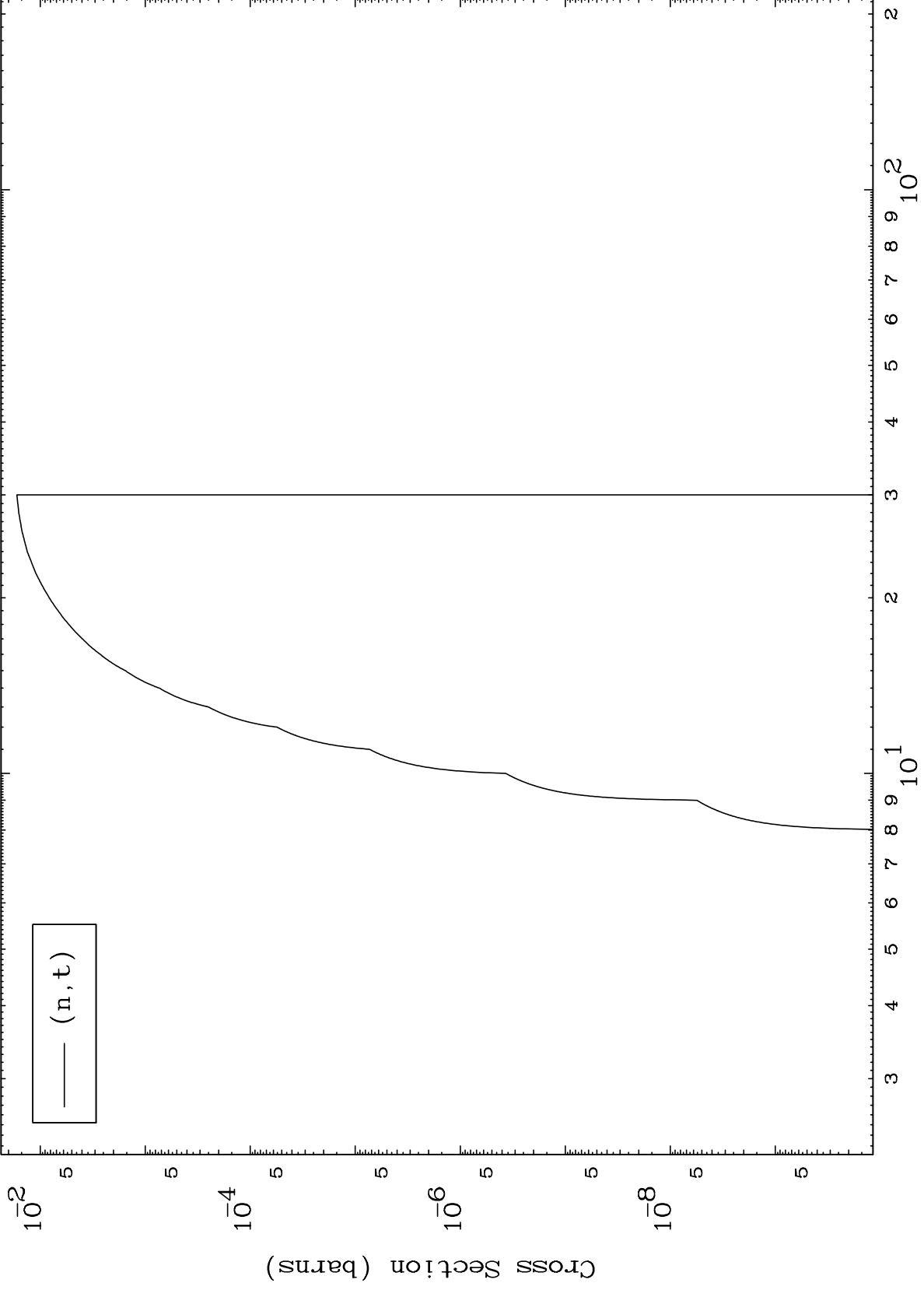
Incident Energy (MeV)

81-Tl-199

MAT 81113

(d,t) Levels
0 Kelvin Cross Sections

81-T1-199



9

Incident Energy (MeV)

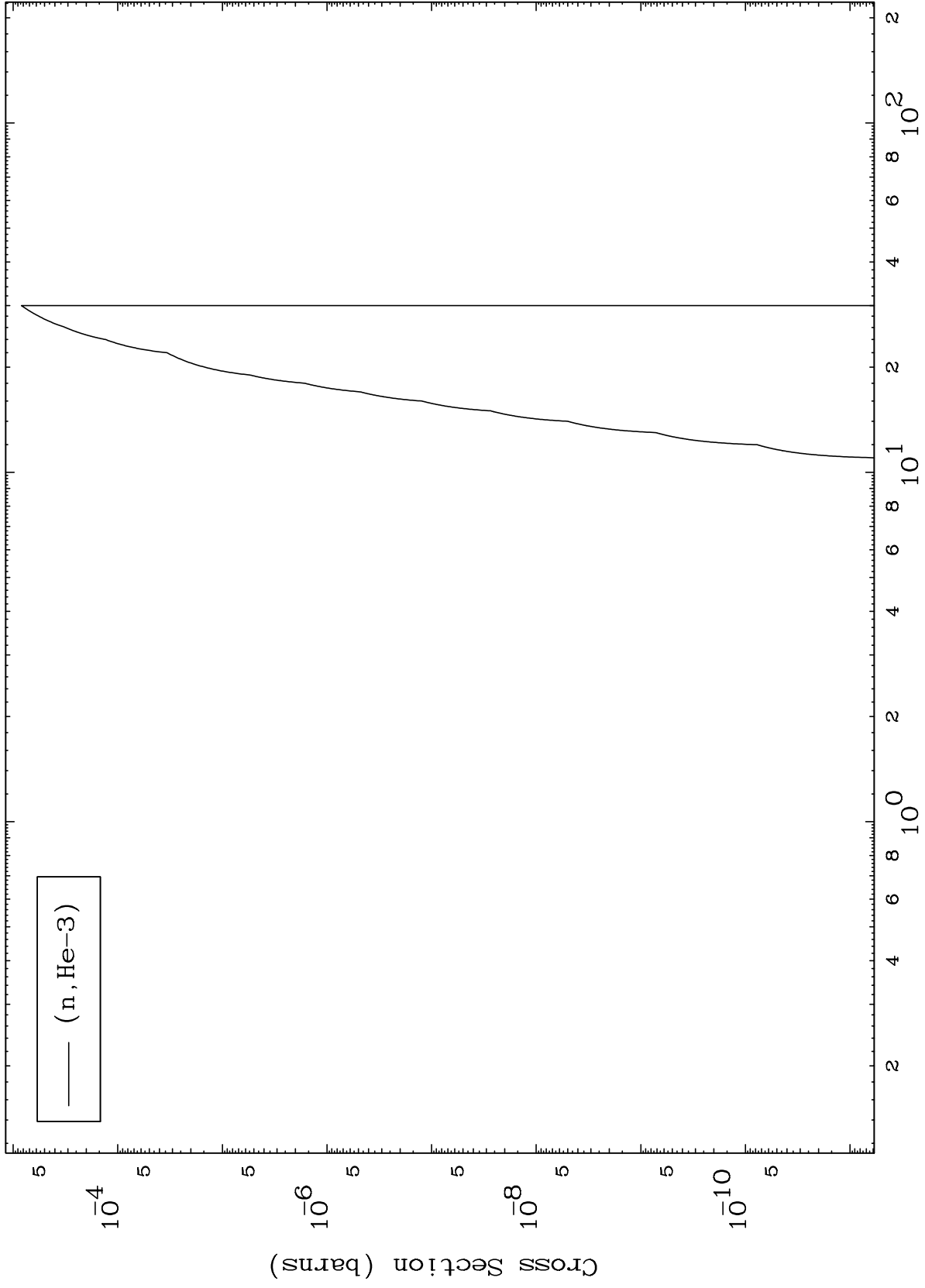
81-T1-199

MAT 81113

(d,He3) Levels

81-Tl-199

0 Kelvin Cross Sections



10

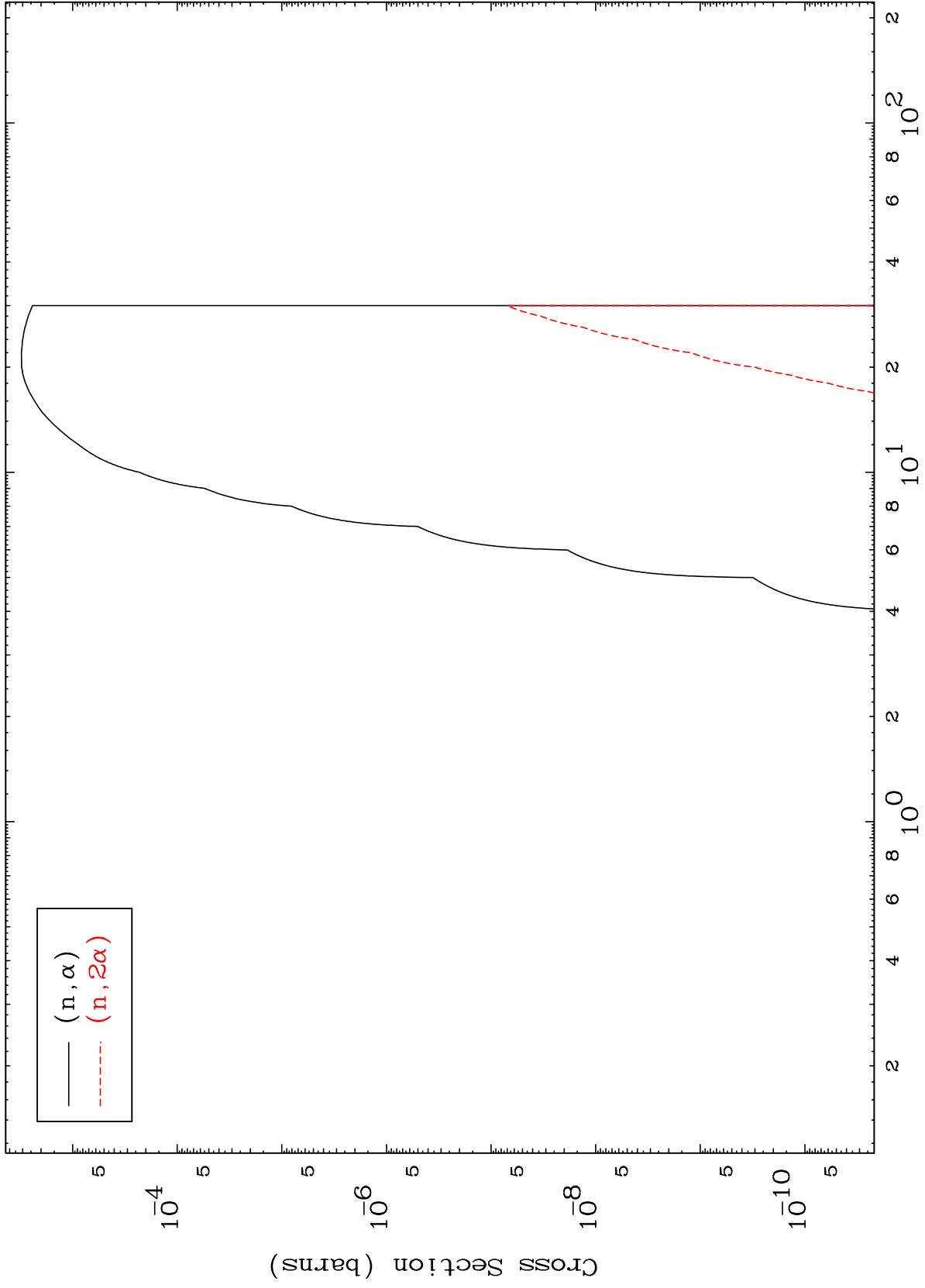
Incident Energy (MeV)

81-Tl-199

MAT 81113

(d, α) Levels
0 Kelvin Cross Sections

81-Tl-199

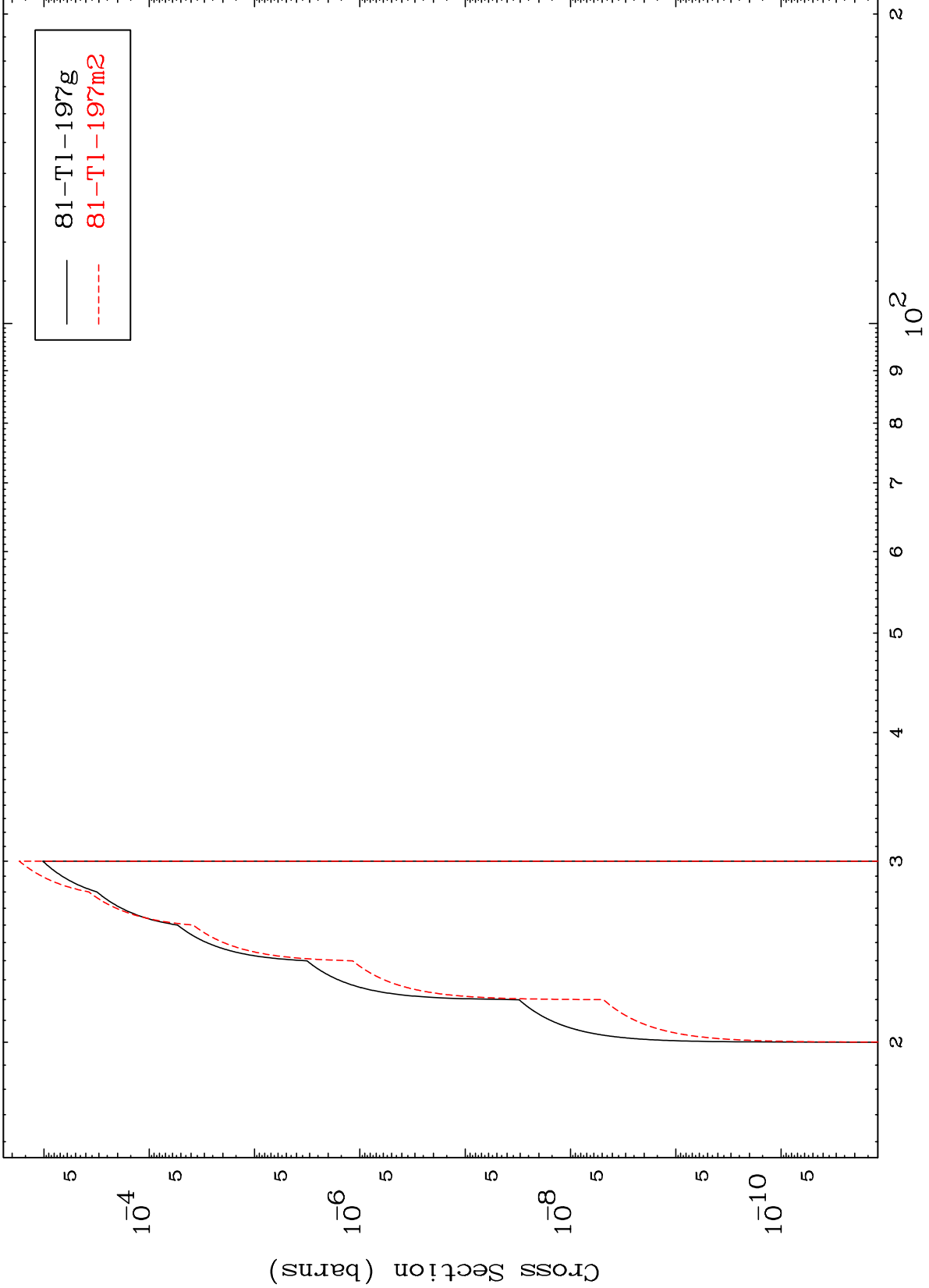


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(n,2n) d

81-Tl-199

Radionuclide Production Cross Section



12

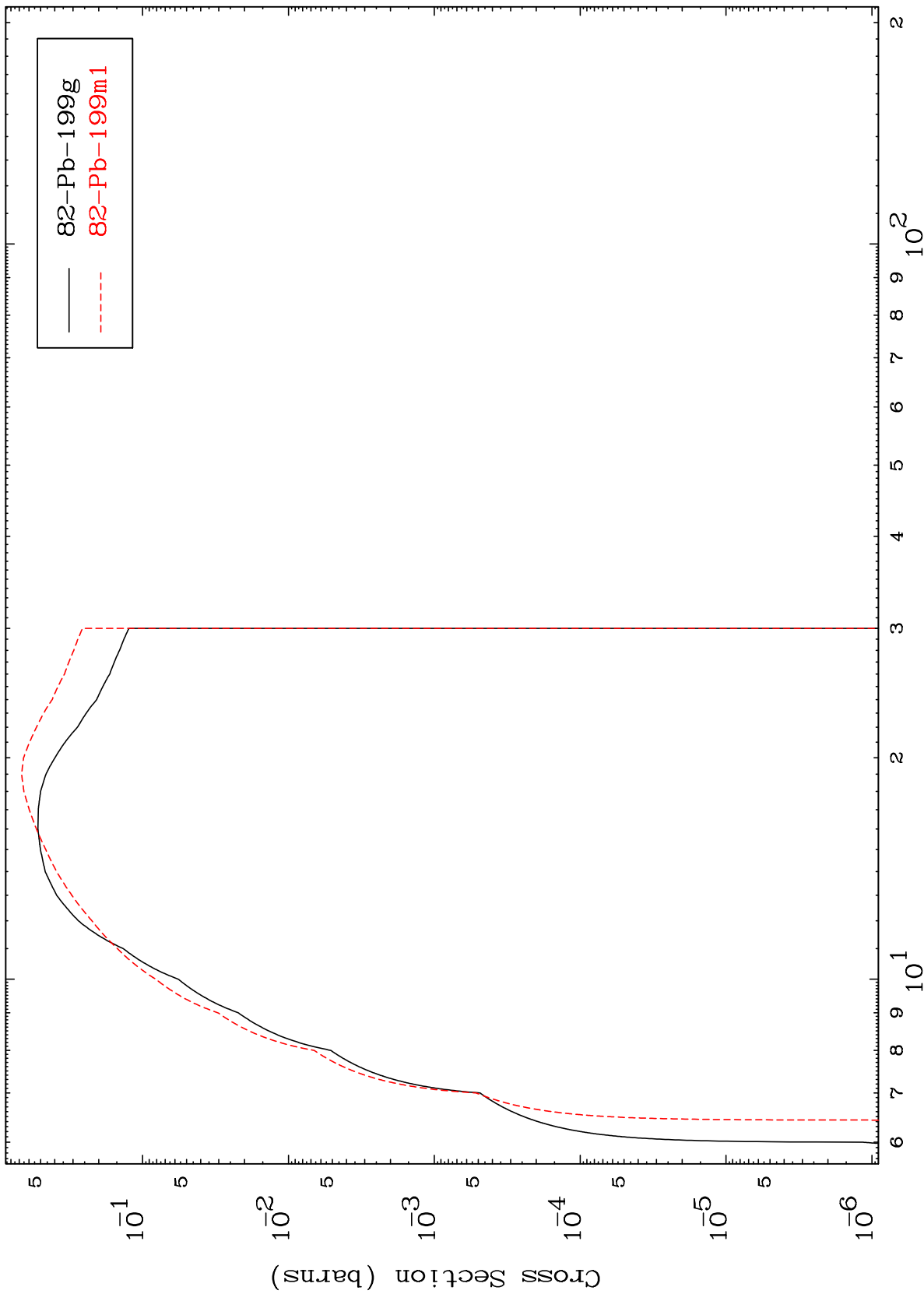
Incident Energy (MeV)

81-Tl-199

MAT 81113

81-T1-199

(n,2n)
Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

13

Incident Energy (MeV)

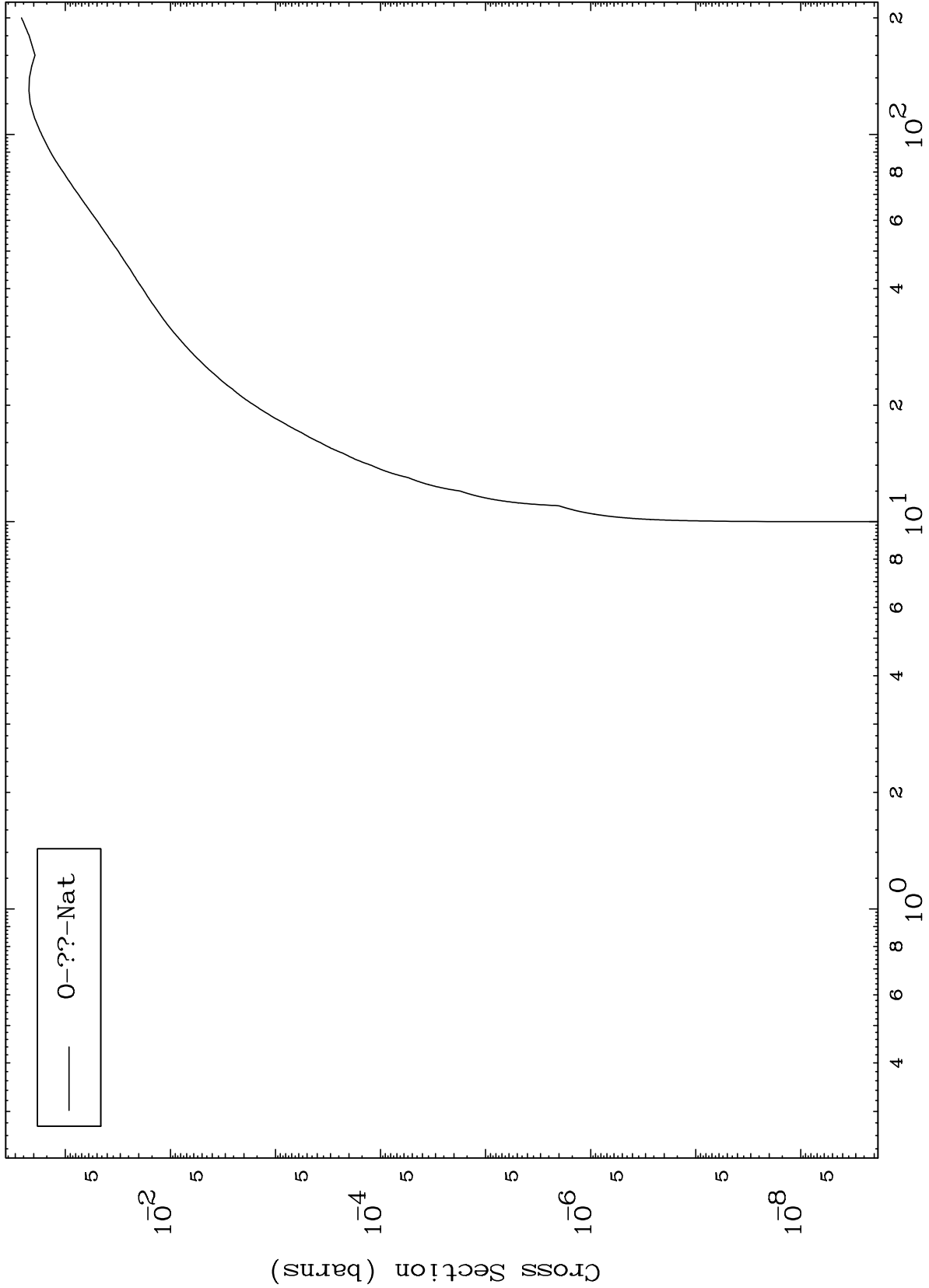
81-T1-199

MAT 8113

Fission

81-Tl-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

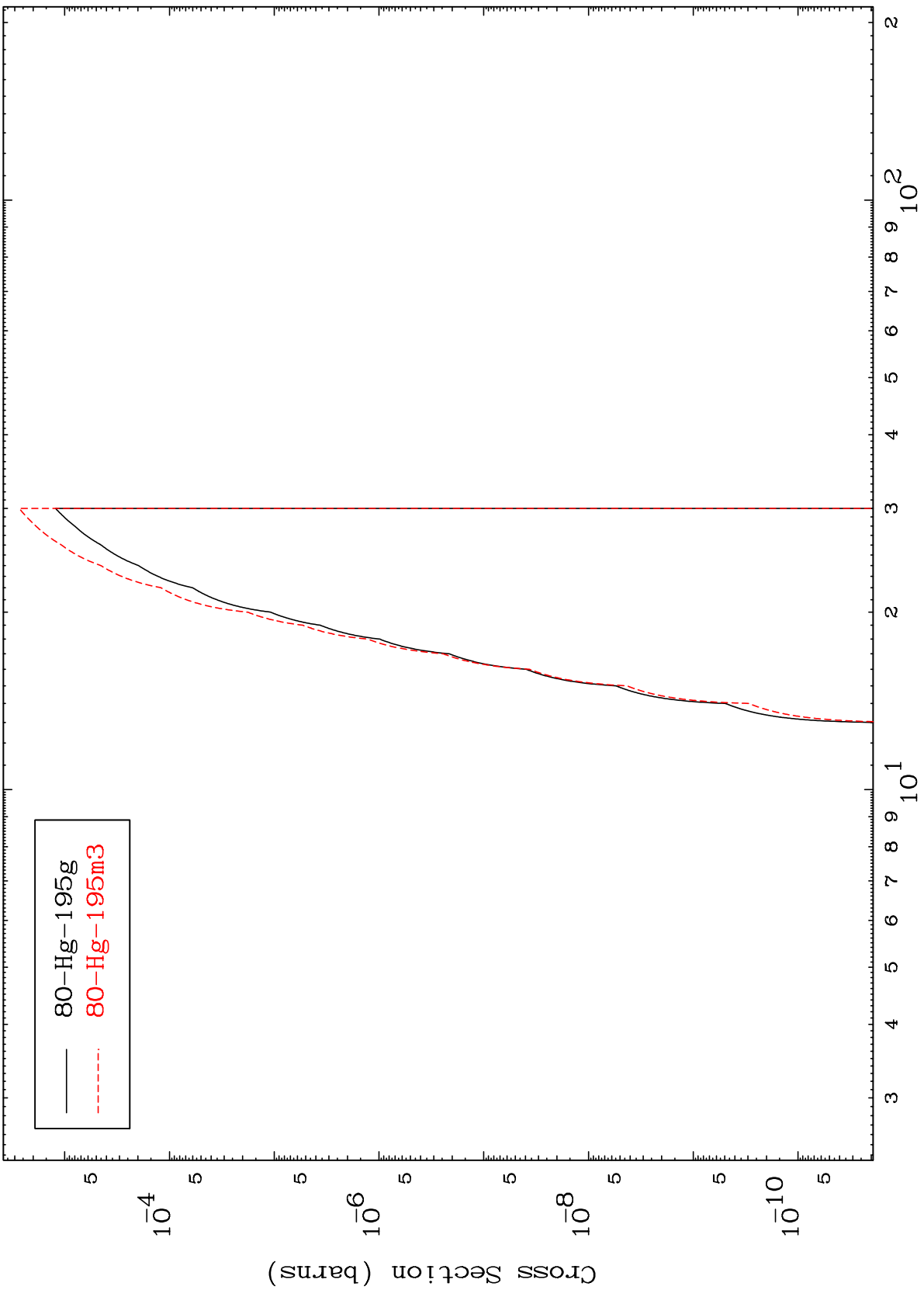
81-Tl-199

MAT 8113

(n,2n) α

81-T1-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

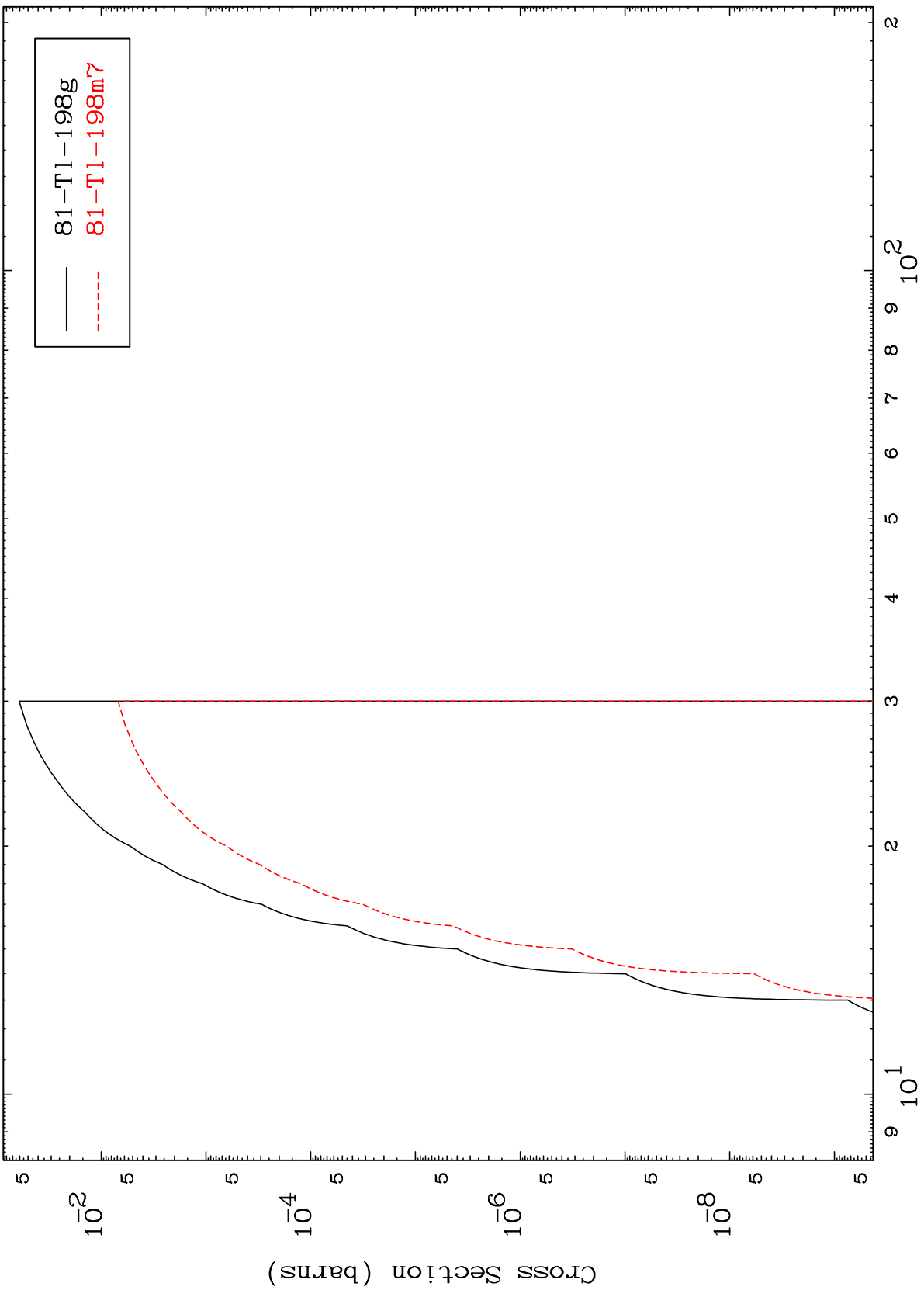
81-T1-199

MAT 81113

(n,n') d

81-Tl-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

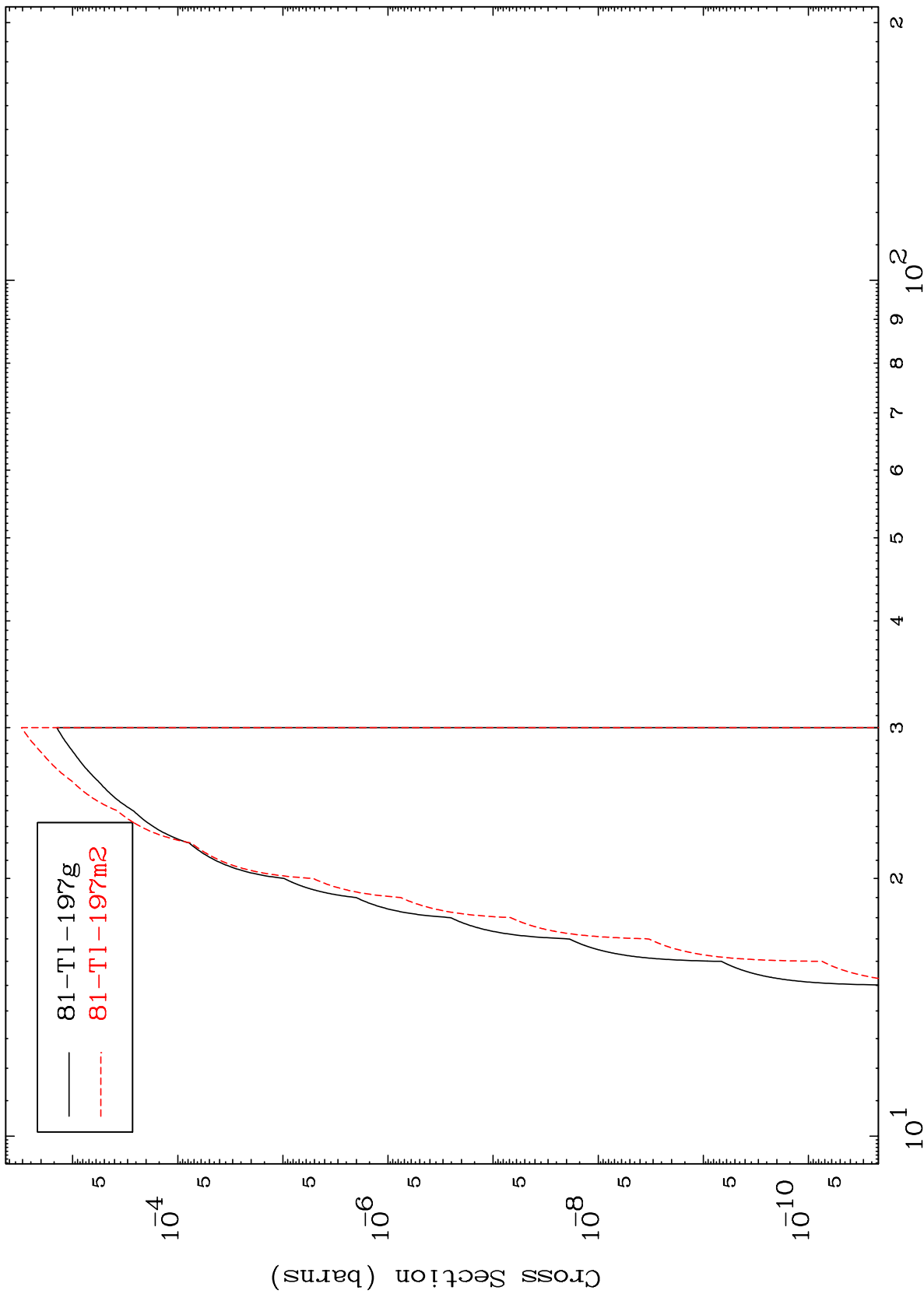
81-Tl-199

MAT 81113

(n,n') t

81-Tl-199

Radionuclide Production Cross Section



Incident Energy (MeV)

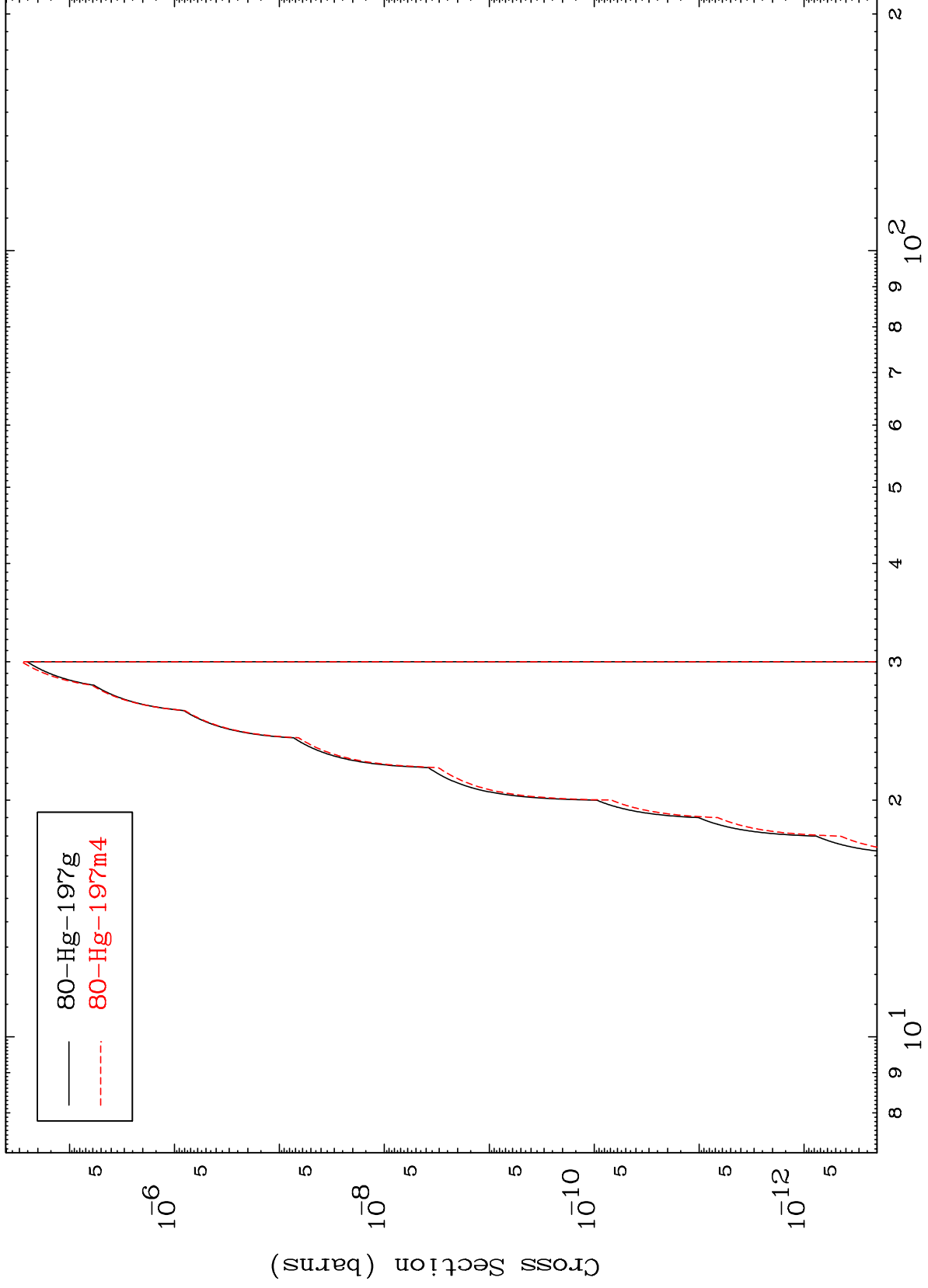
81-Tl-199

MAT 81113

(n,n') He-3

81-T1-199

Radionuclide Production Cross Section



80-Hg-197g
80-Hg-197m4

18

Incident Energy (MeV)

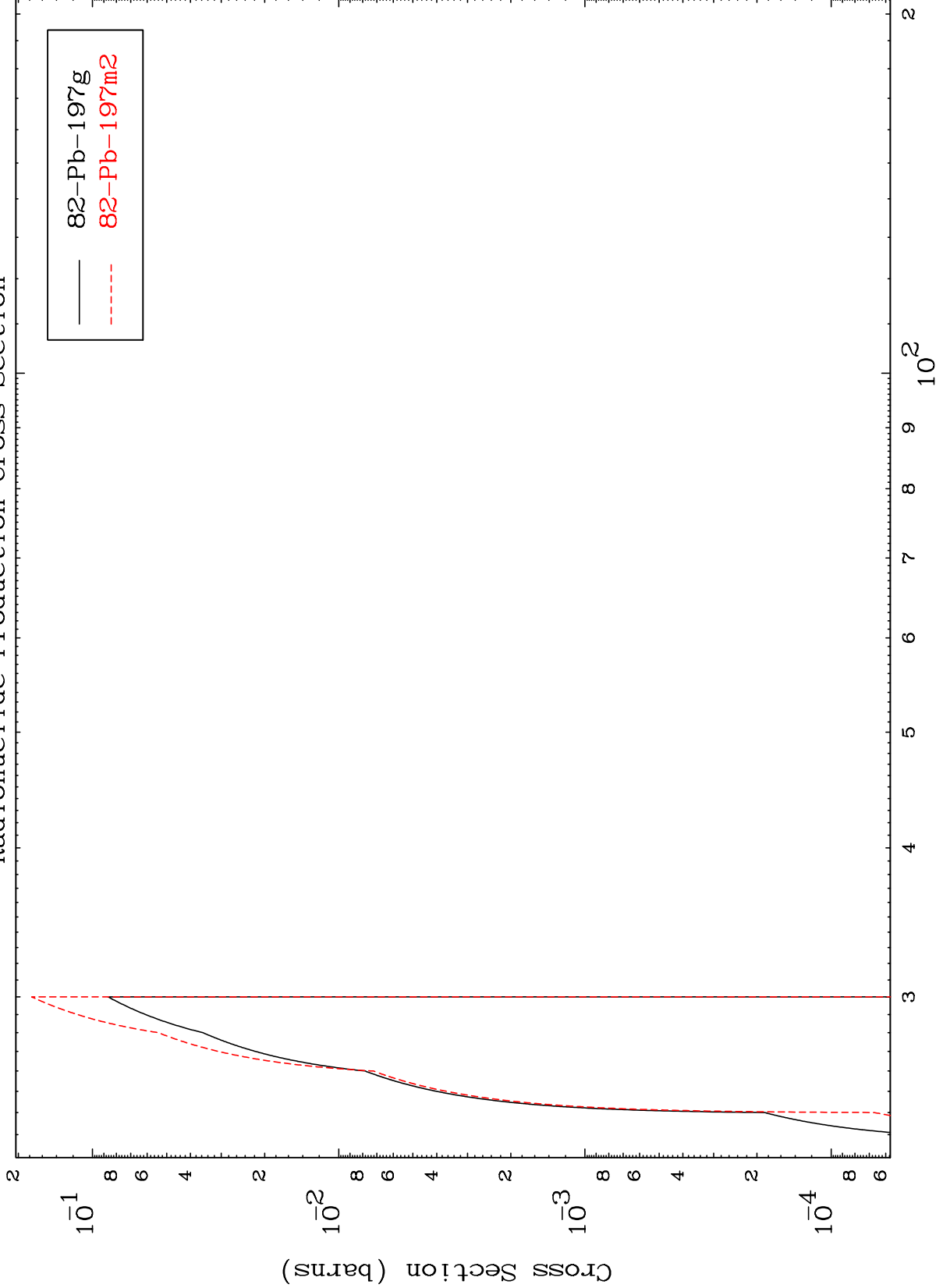
81-T1-199

MAT 81113

(n,4n)

81-Tl-199

Radionuclide Production Cross Section



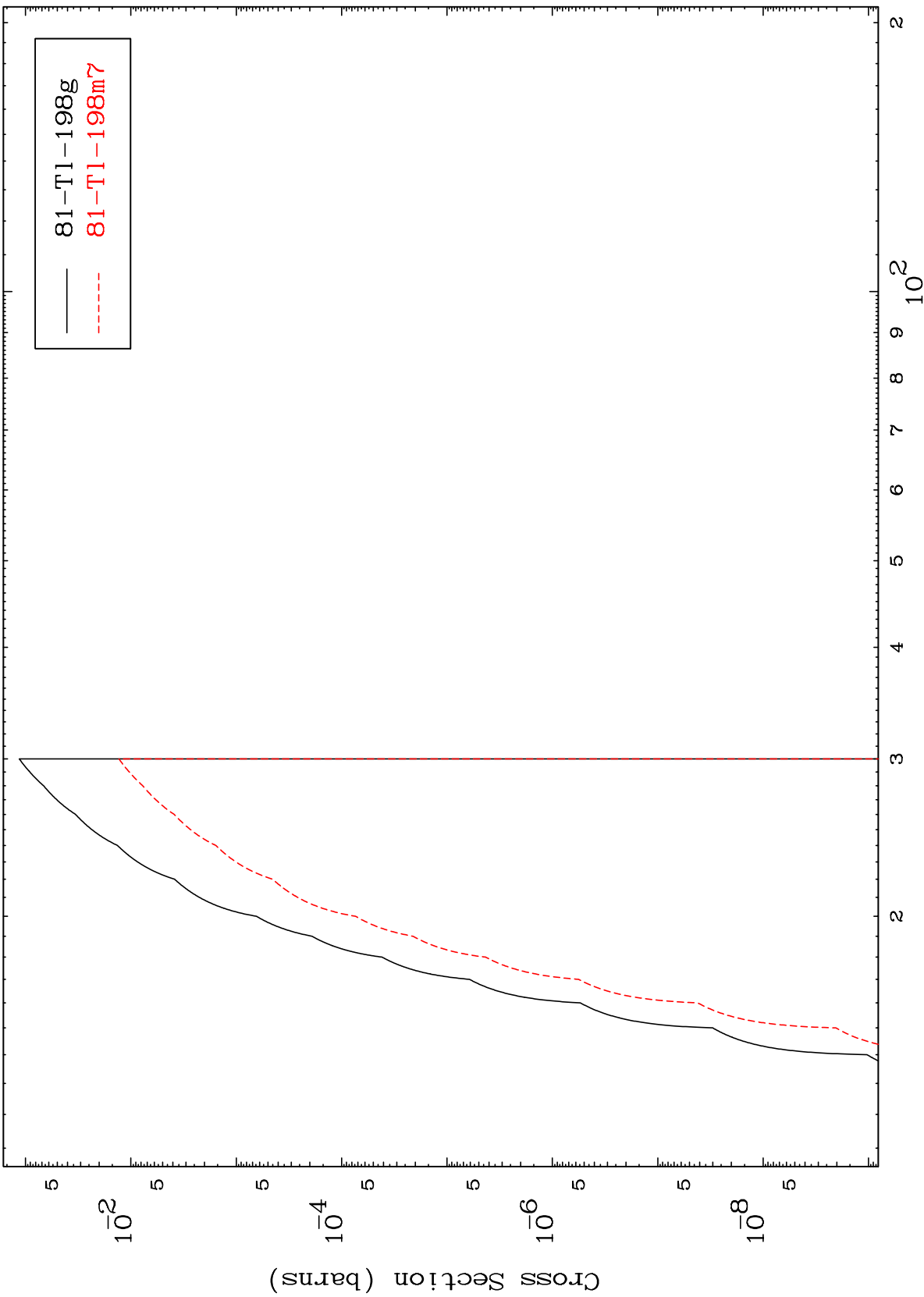
82-Pb-197g
82-Pb-197m2

19

Incident Energy (MeV)

81-Tl-199

Radionuclide Production Cross Section

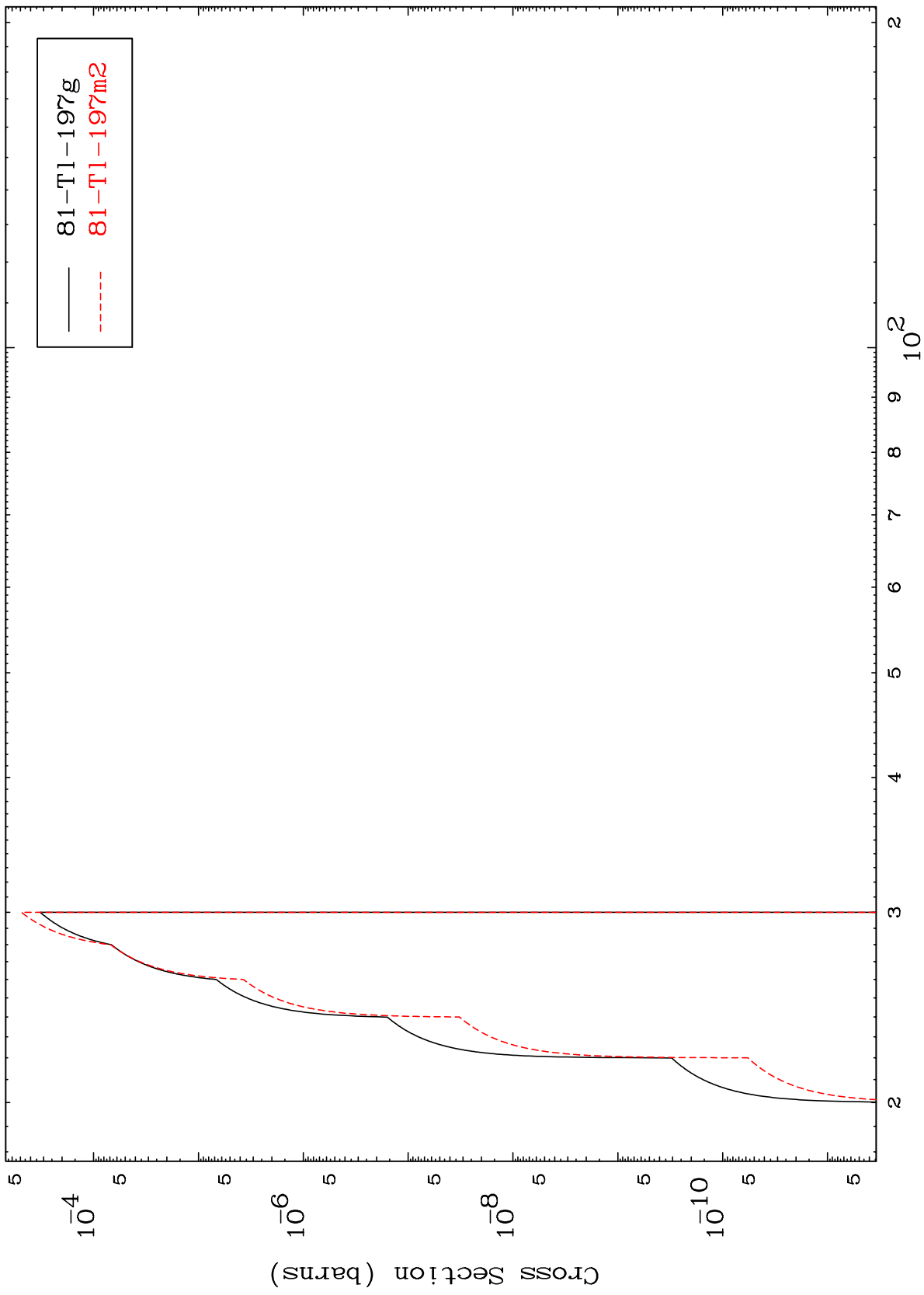


MAT 81113

(n,3n) p

81-Tl-199

Radionuclide Production Cross Section



21

Incident Energy (MeV)

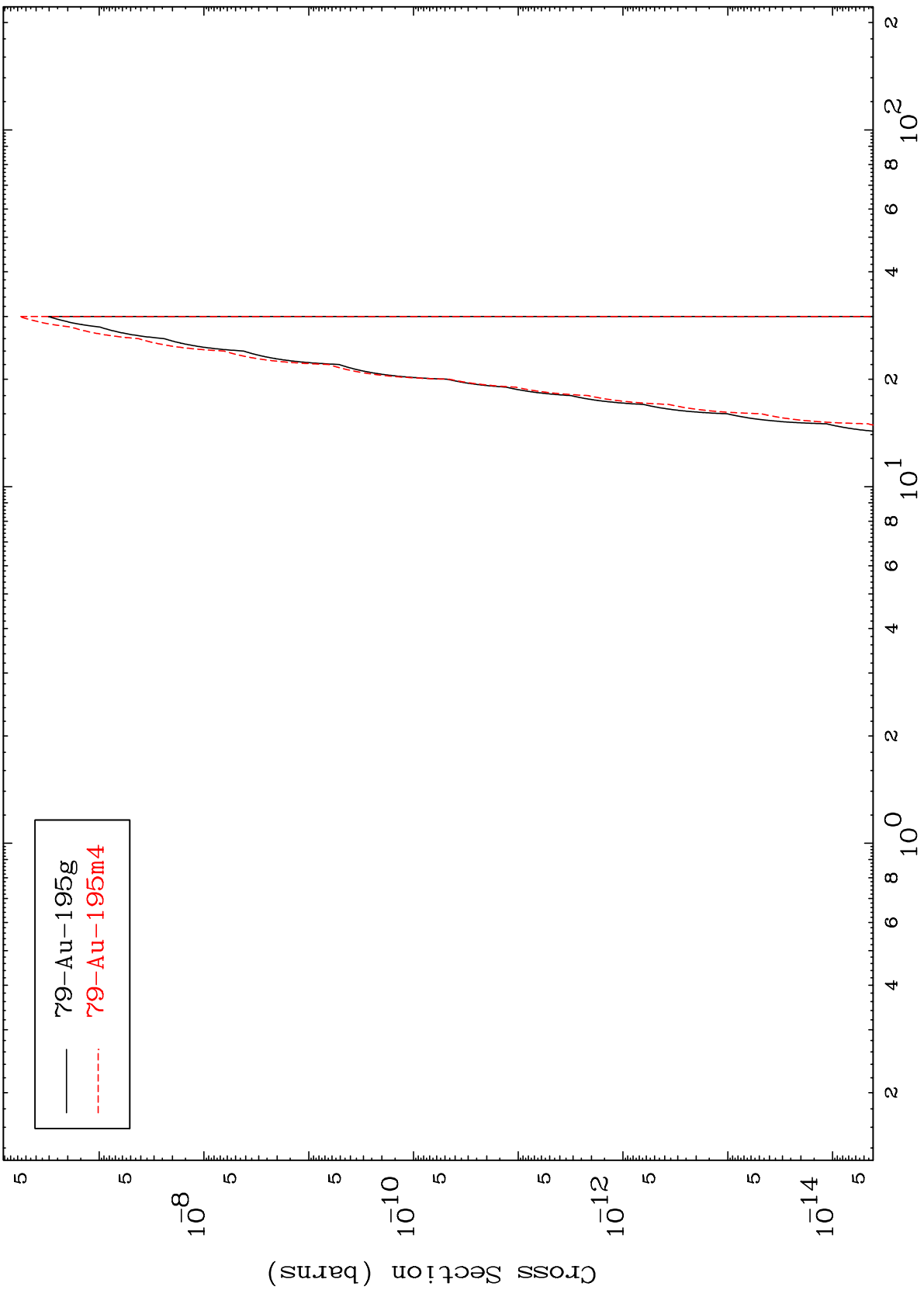
81-Tl-199

MAT 8113

(n,n') p α

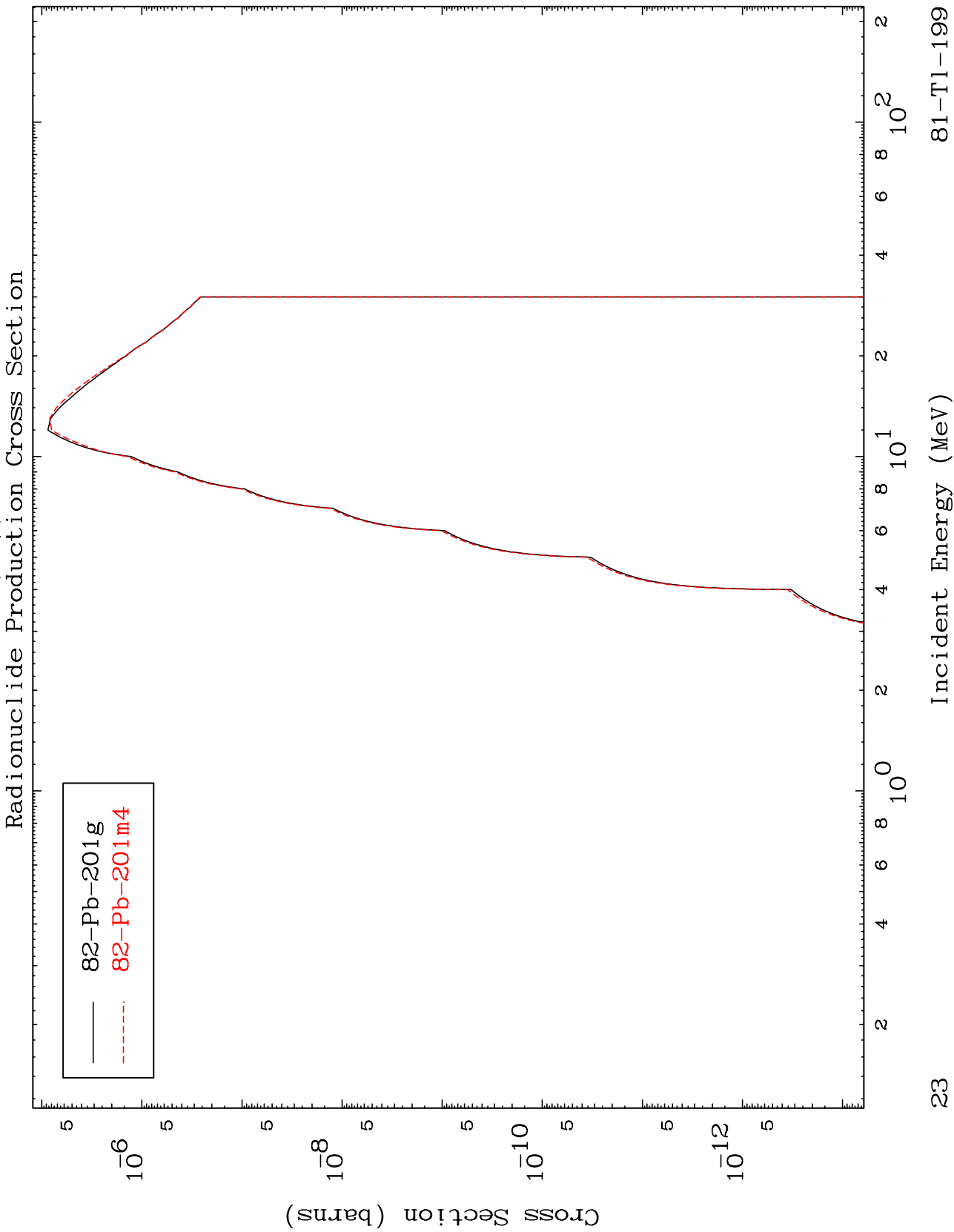
81-Tl-199

Radionuclide Production Cross Section



MAT 8113

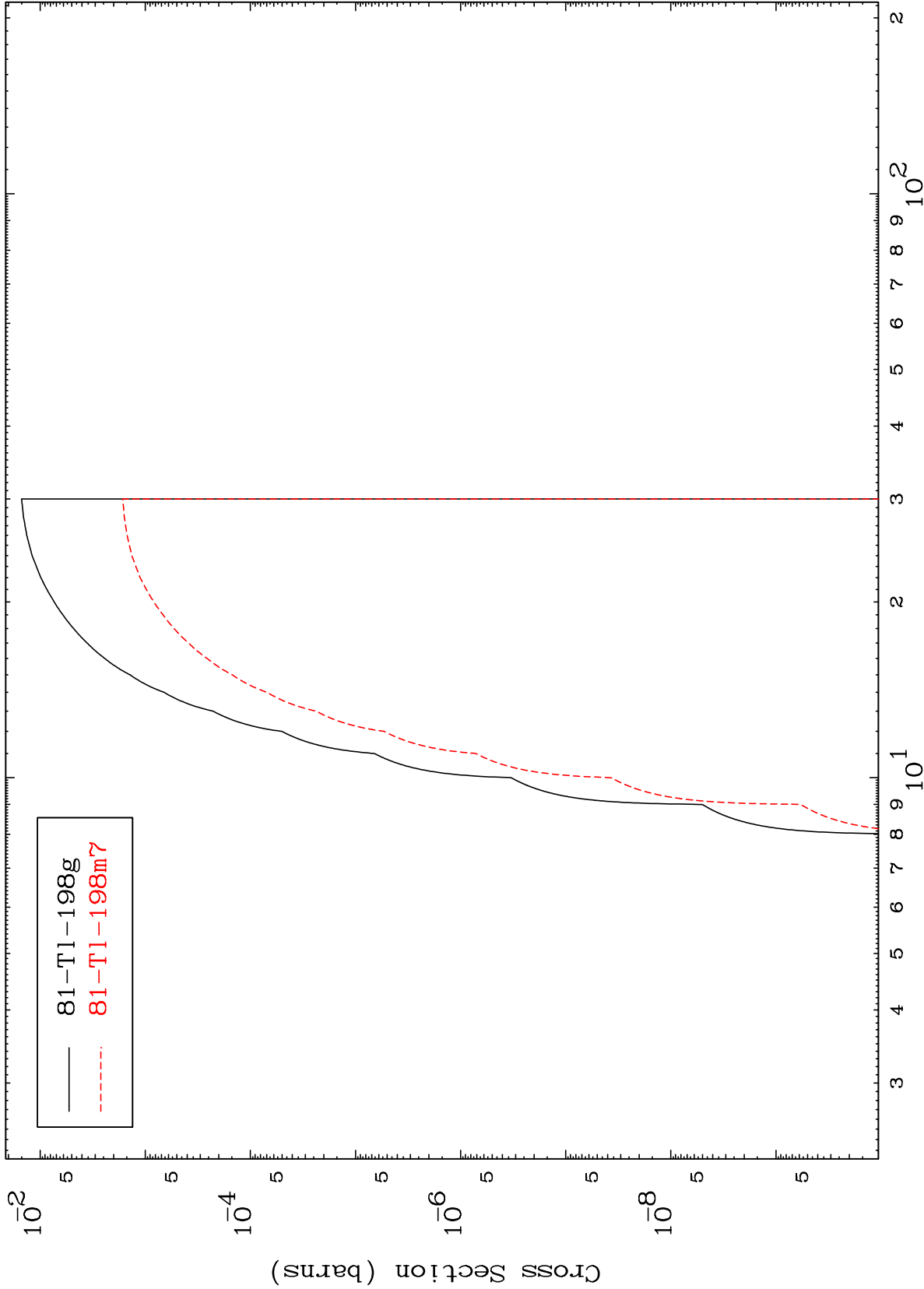
81-T1-199



MAT 8113

81-Tl-199

Radionuclide Production Cross Section
(n, t)



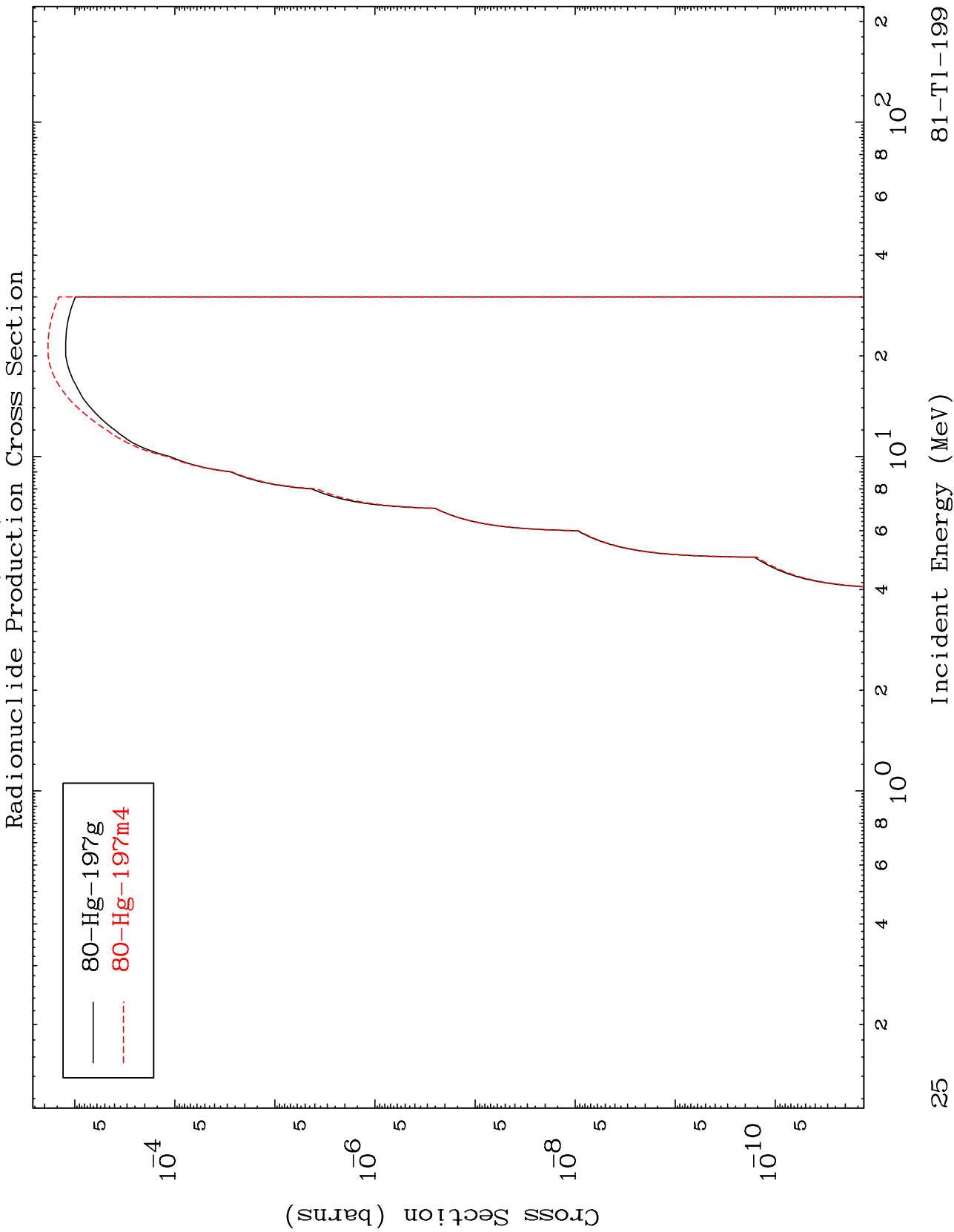
24

81-Tl-199

Incident Energy (MeV)

MAT 8113

81-Tl-199

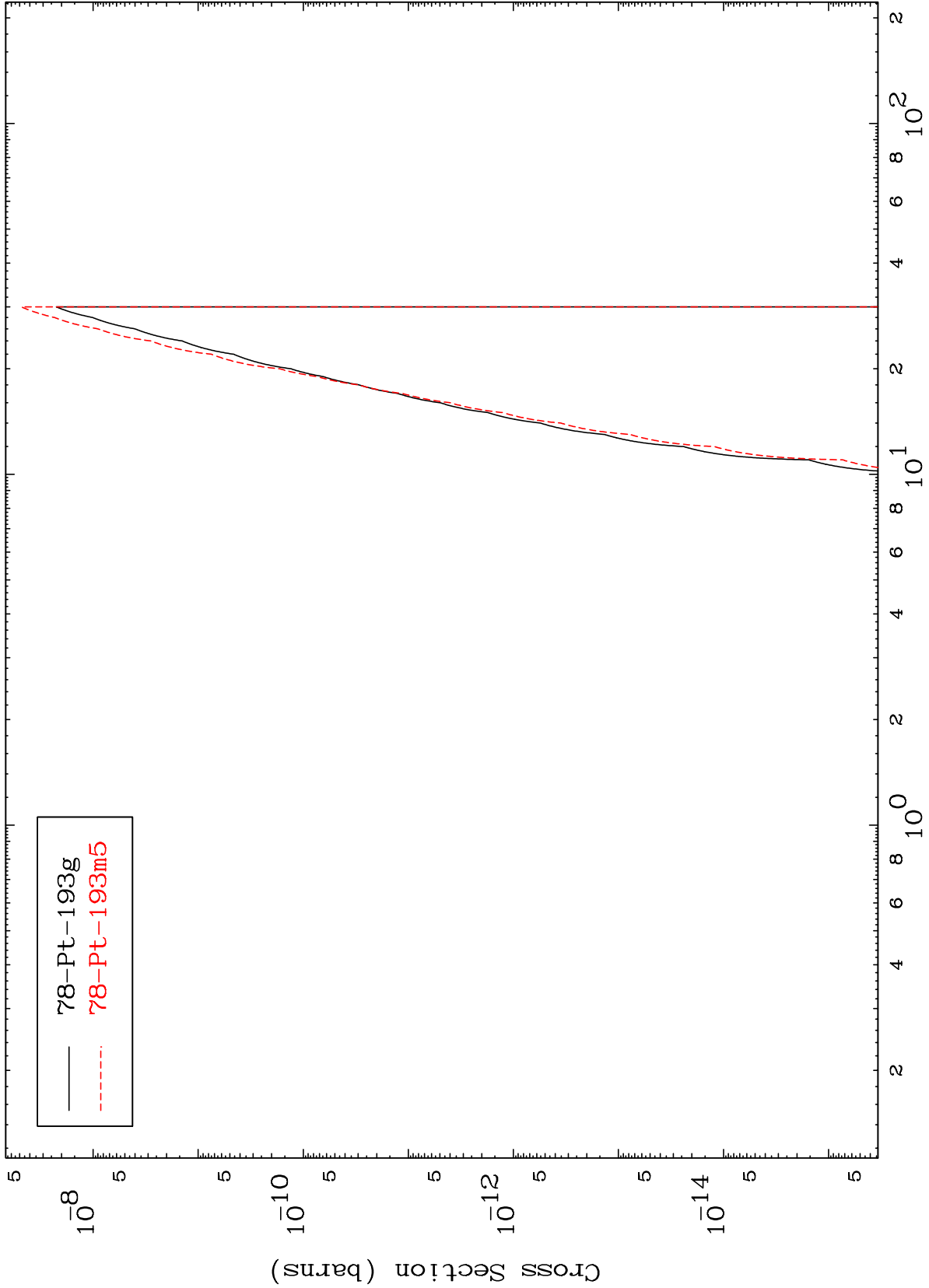


MAT 81113

(n,2α)

81-Tl-199

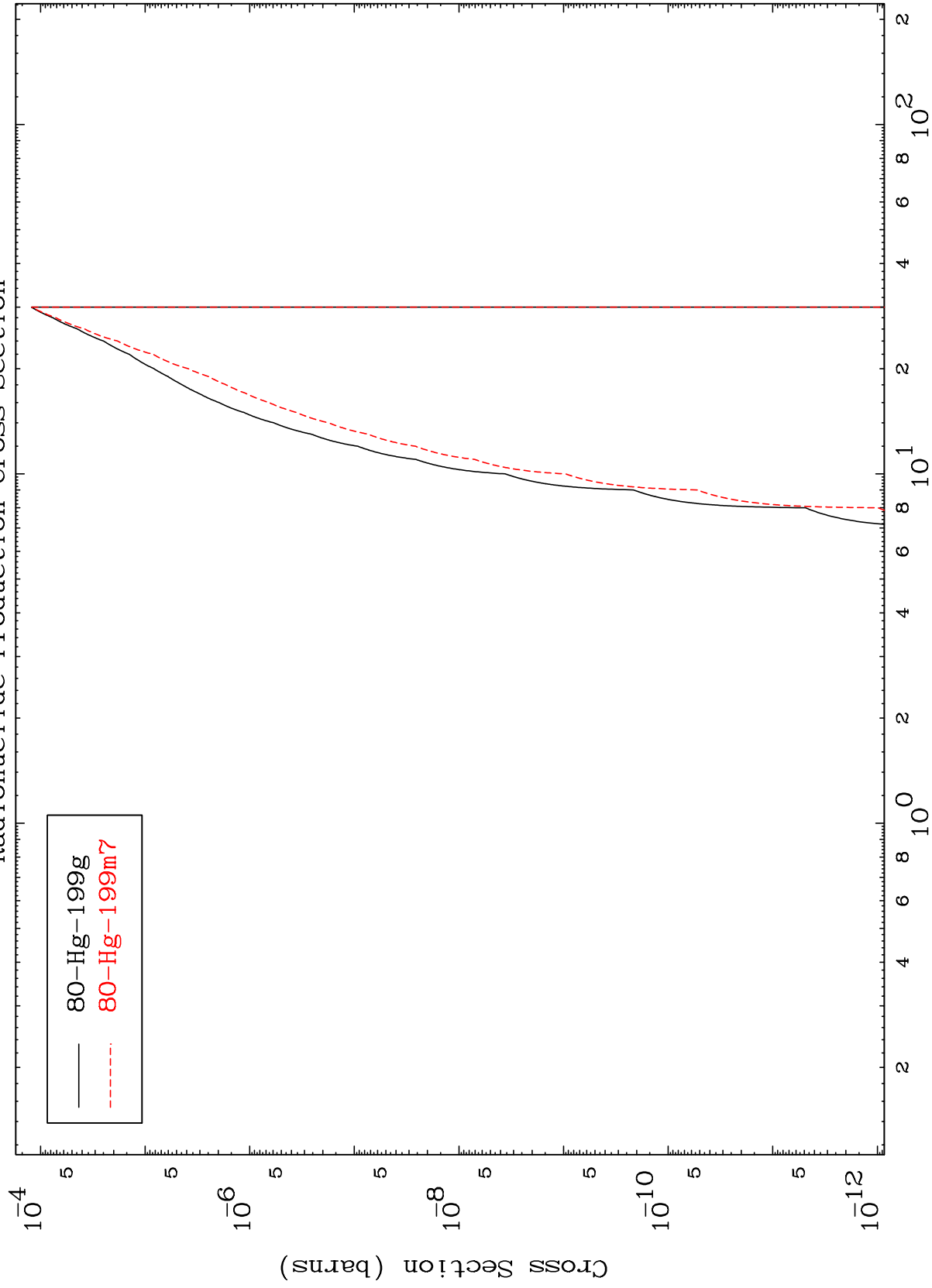
Radionuclide Production Cross Section



MAT 8113

81-Tl-199

(n,2p)
Radionuclide Production Cross Section



27

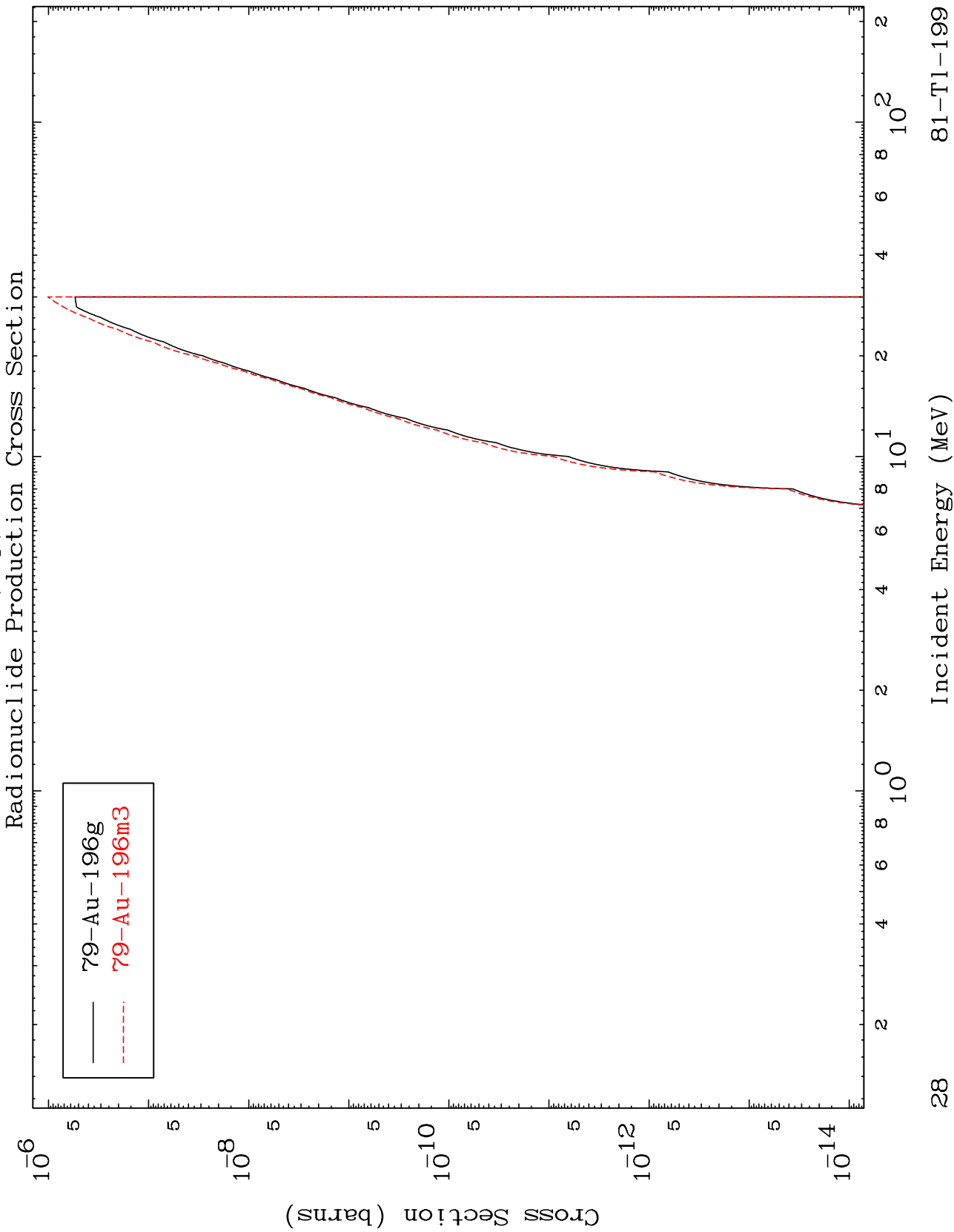
81-Tl-199

Incident Energy (MeV)

MAT 8113

(n,p) α

81-Tl-199

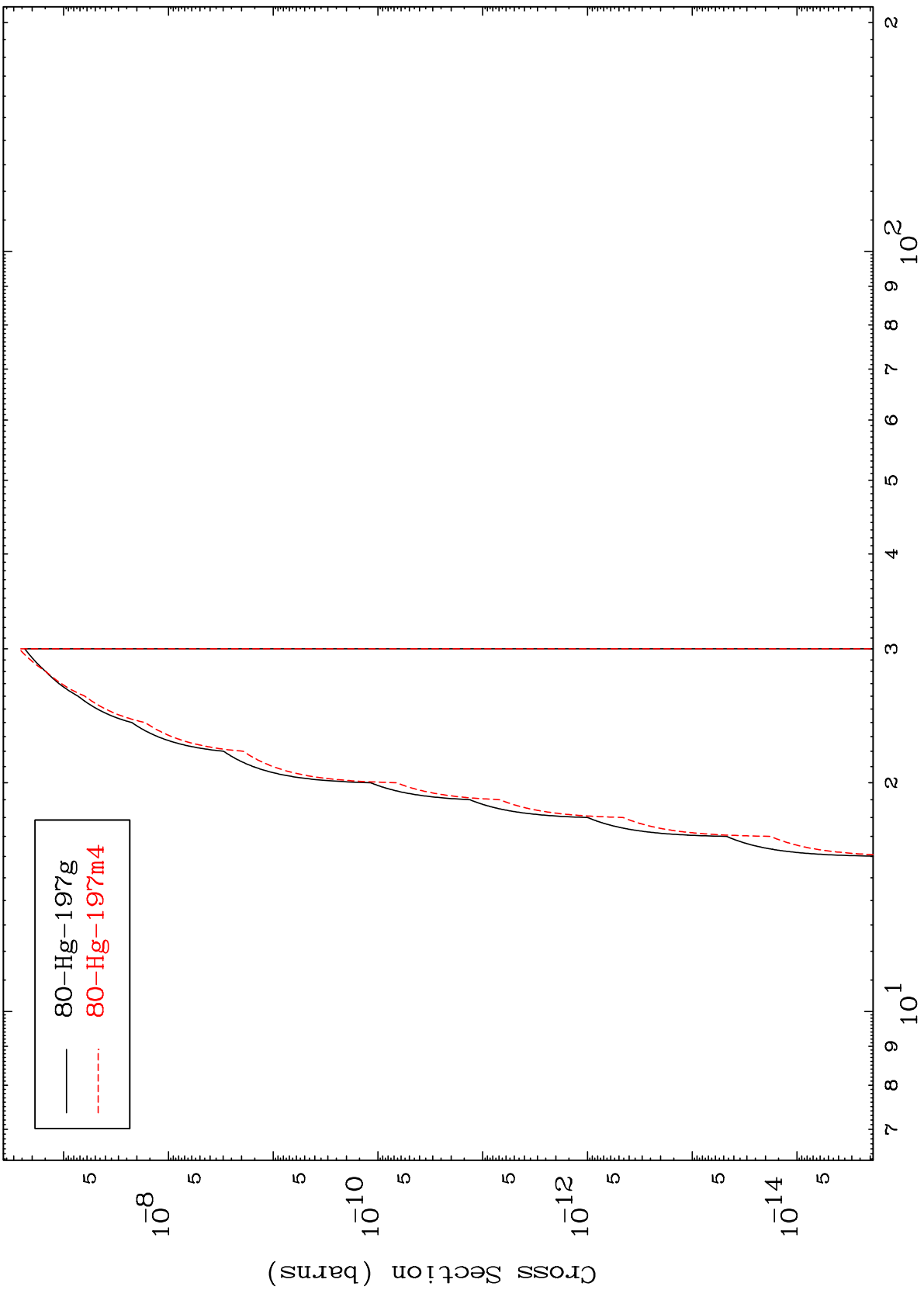


MAT 8113

(n,p) t

81-T1-199

Radionuclide Production Cross Section



29

Incident Energy (MeV)

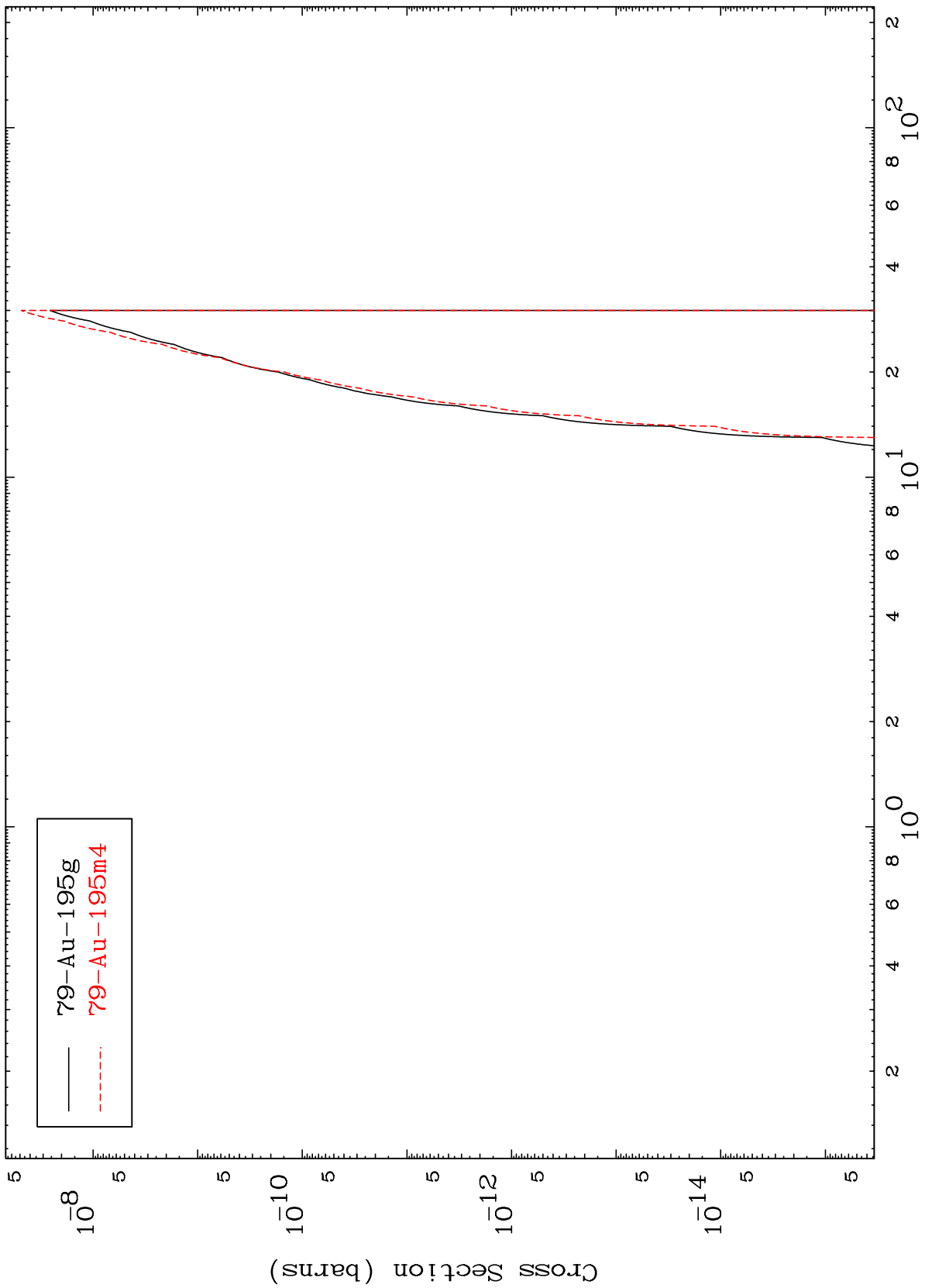
81-T1-199

MAT 81113

(n,d) α

81-Tl-199

Radionuclide Production Cross Section



30

Incident Energy (MeV)

81-Tl-199