

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

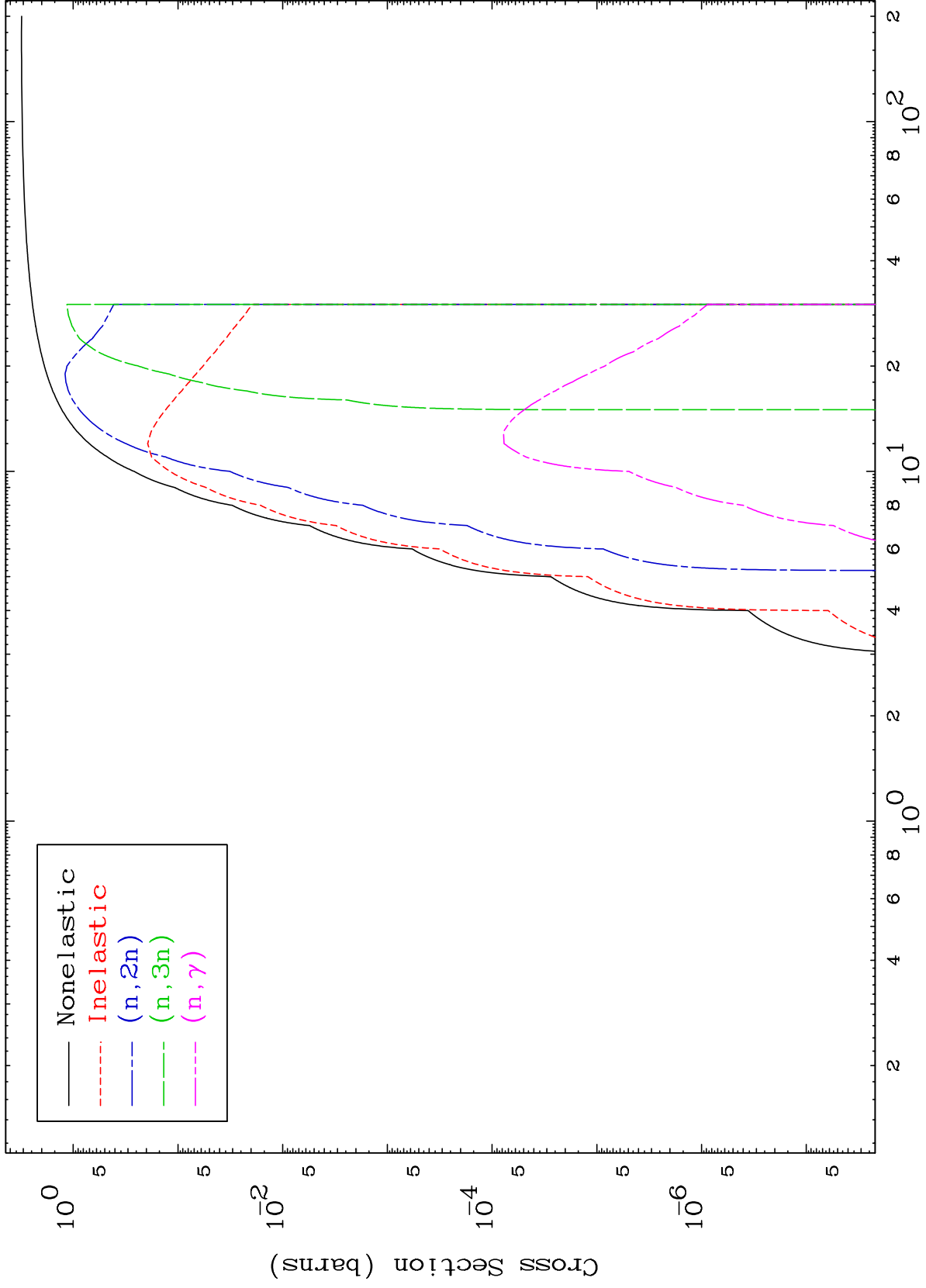
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

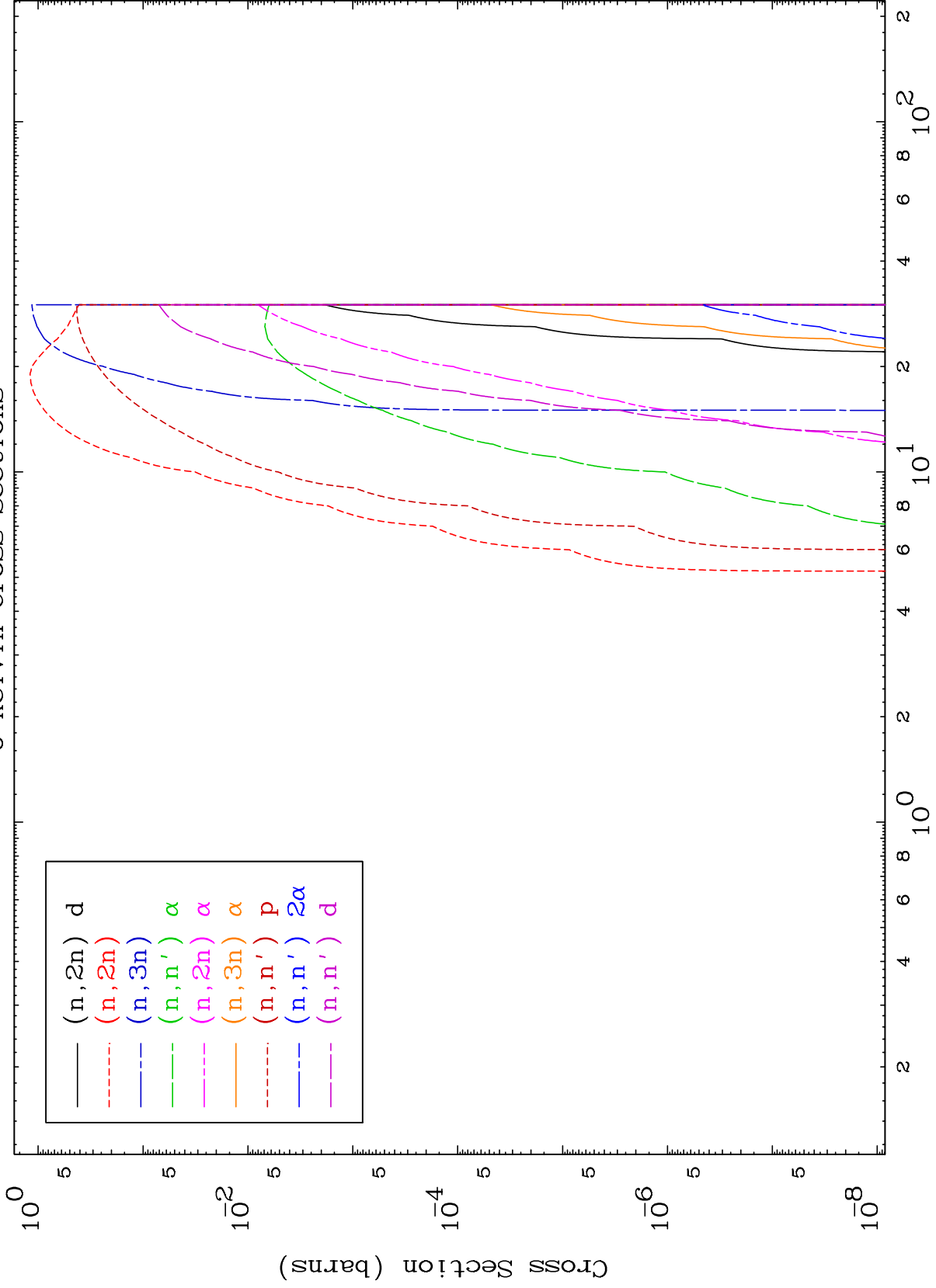
Tele: 925-443-1911

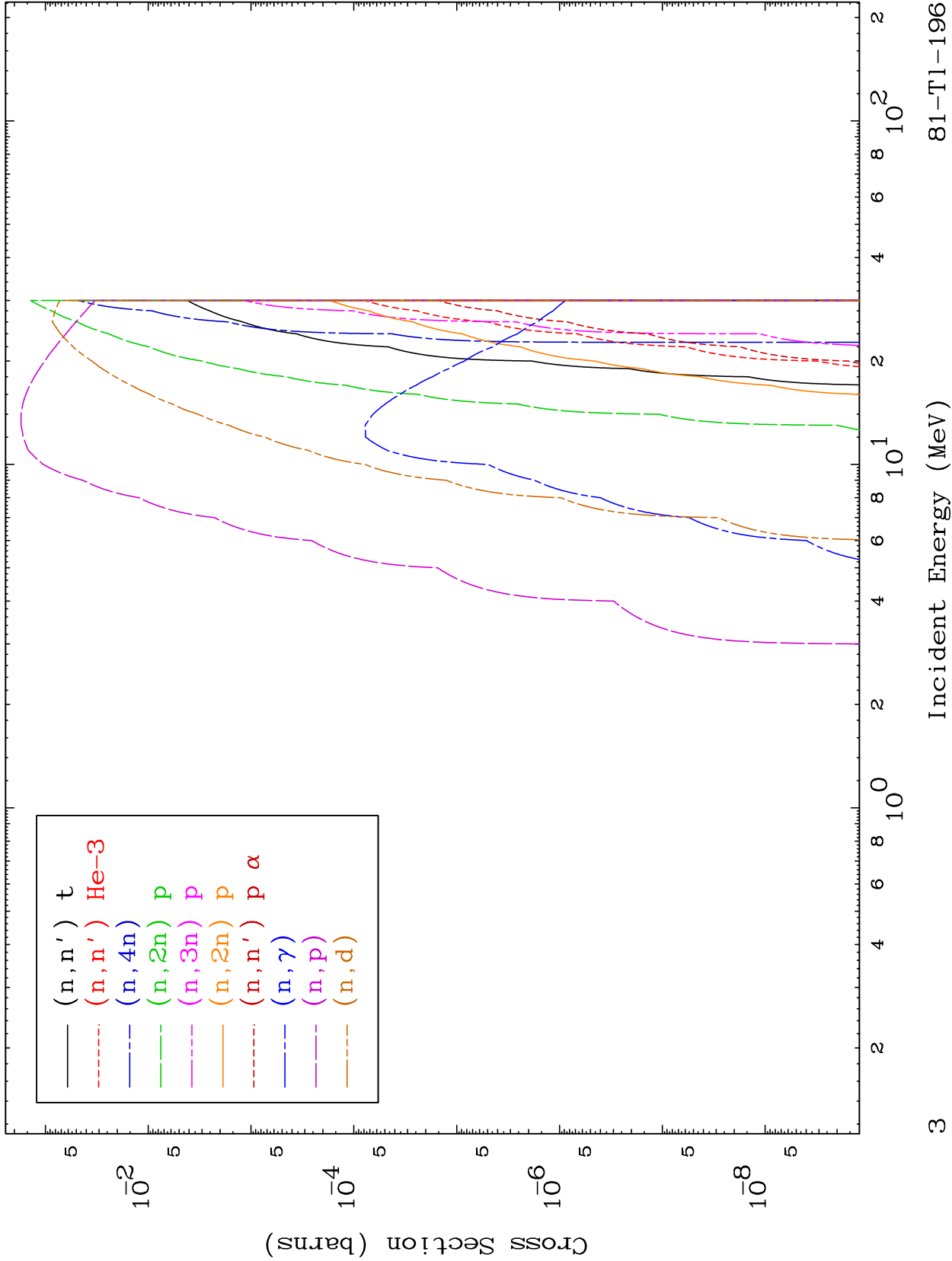
E.Mail:redcullen1@comcast.net

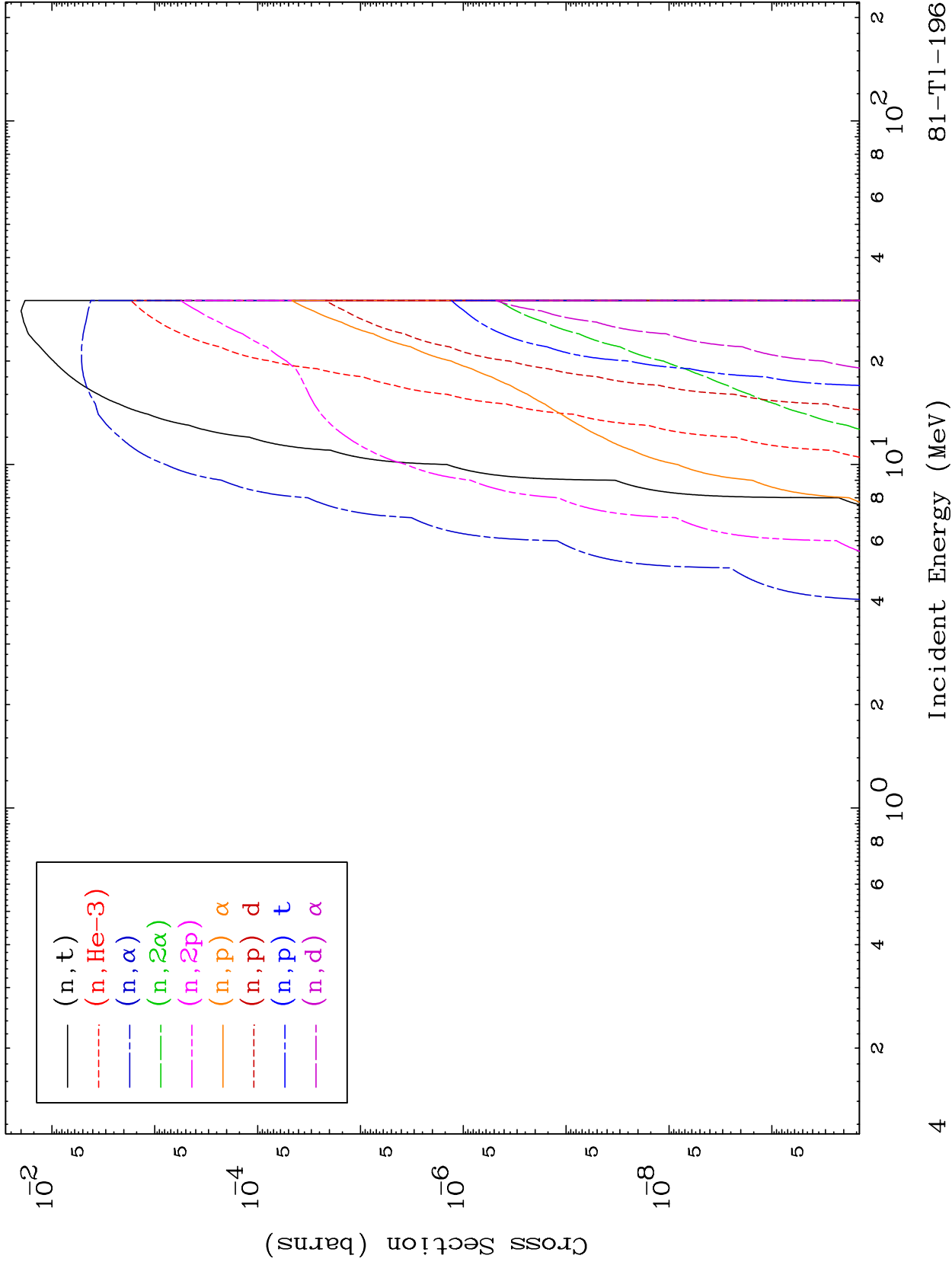
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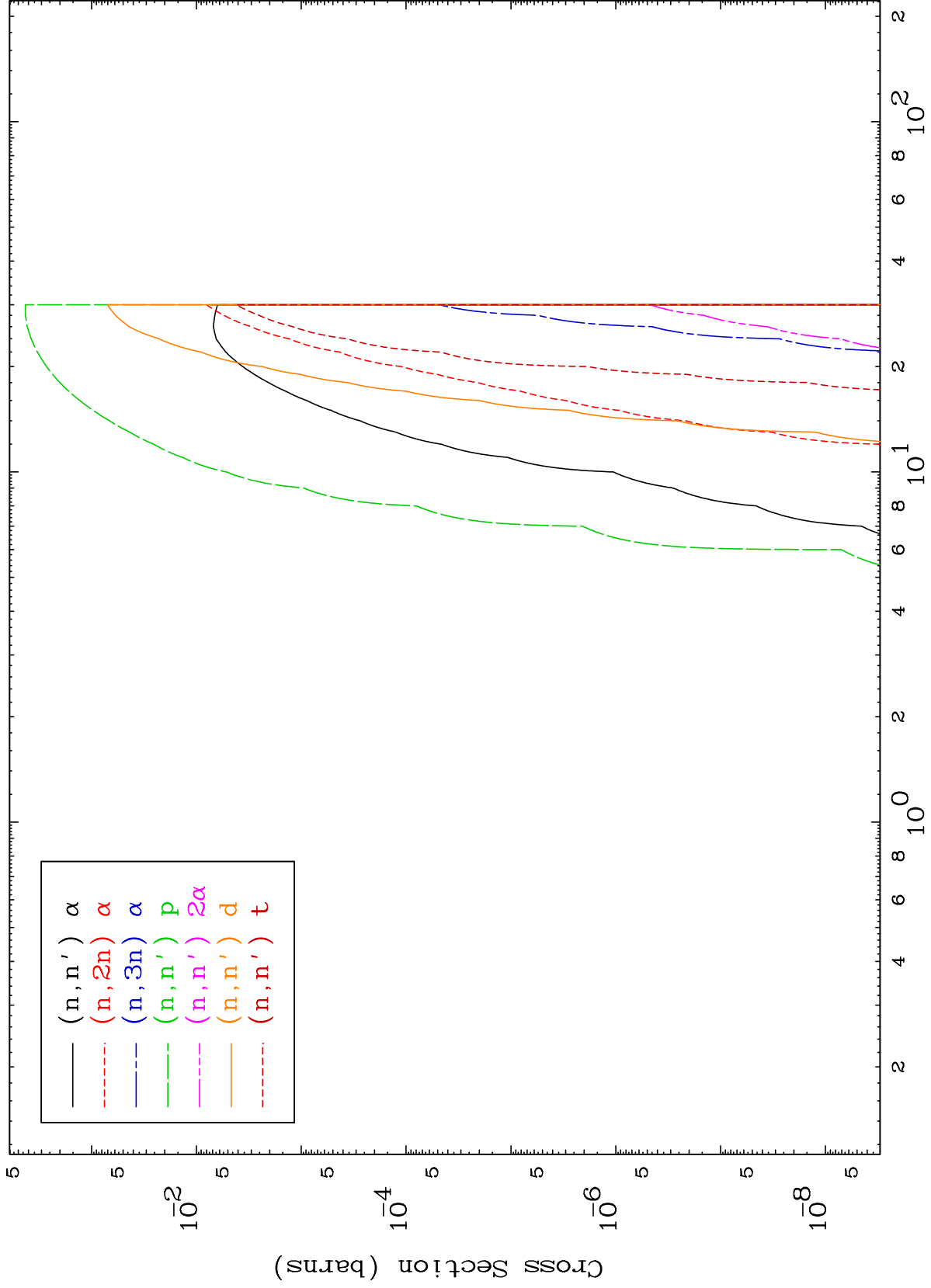
Press Mouse Button to Start







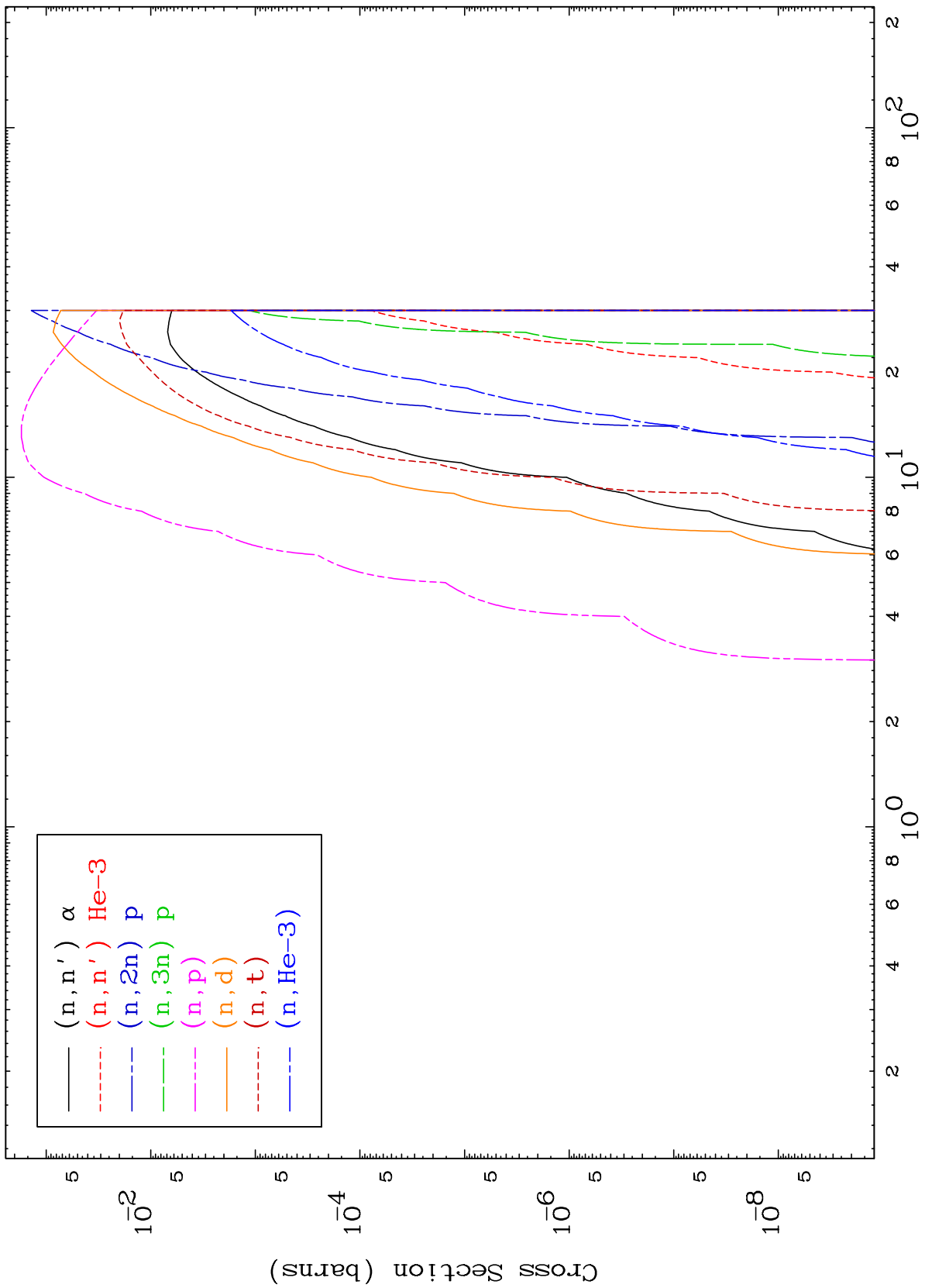


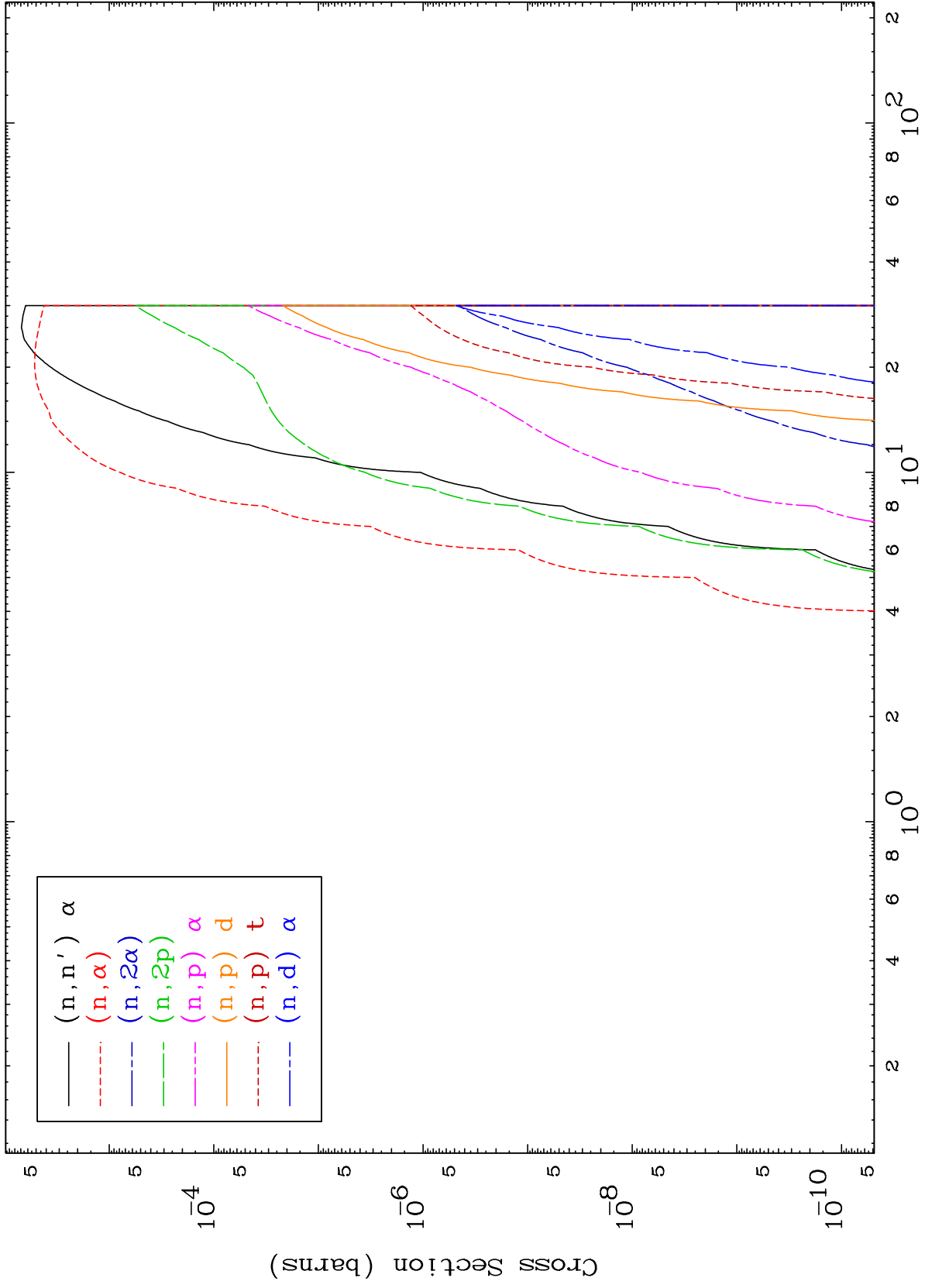


MAT 8104

Deuteron Charged Particle
0 Kelvin Cross Sections

81-Tl-196



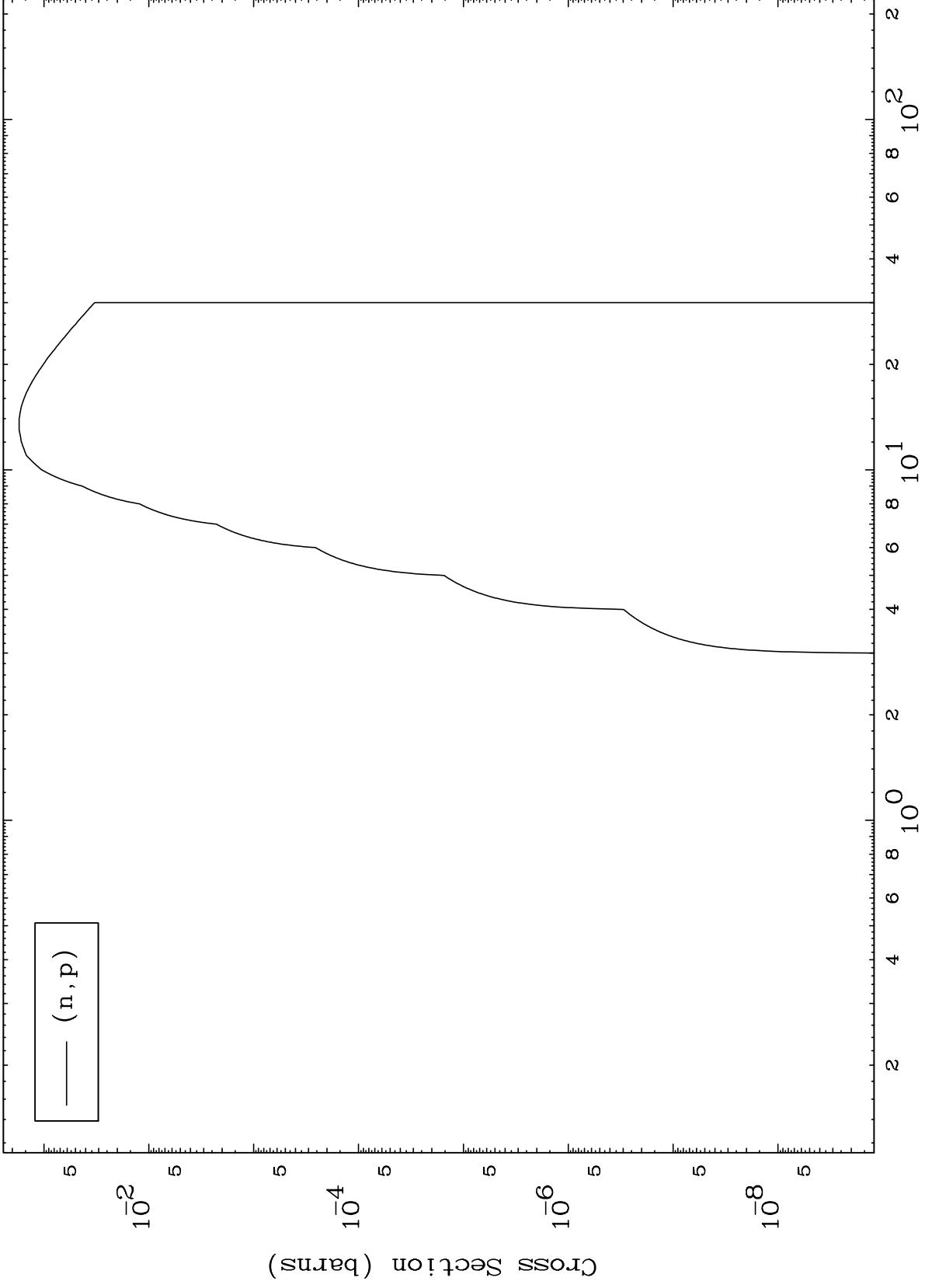


MAT 8104

(d,p) Levels

81-Tl-196

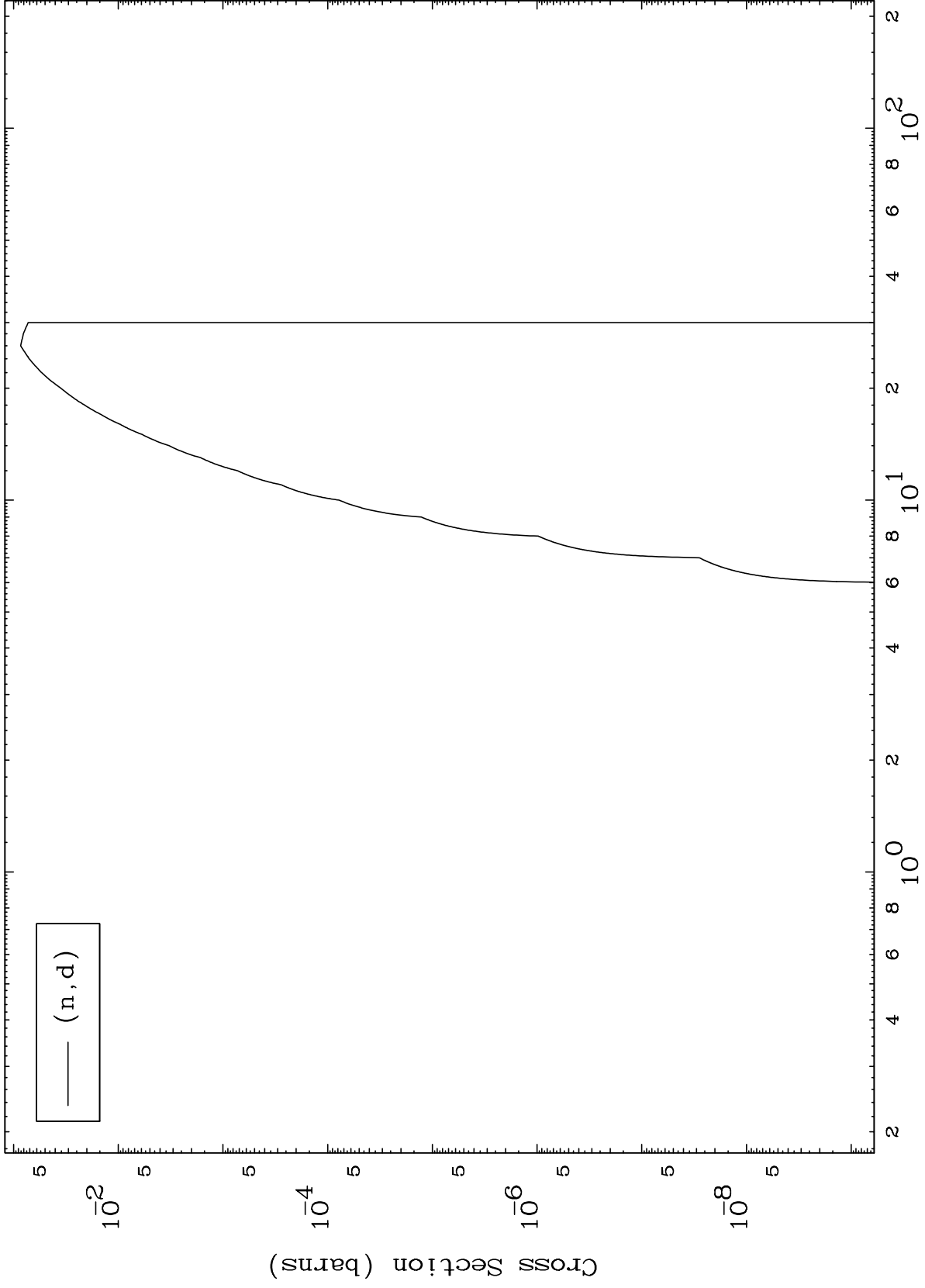
0 Kelvin Cross Sections



MAT 8104

(d,d) Levels
0 Kelvin Cross Sections

81-Tl-196



9

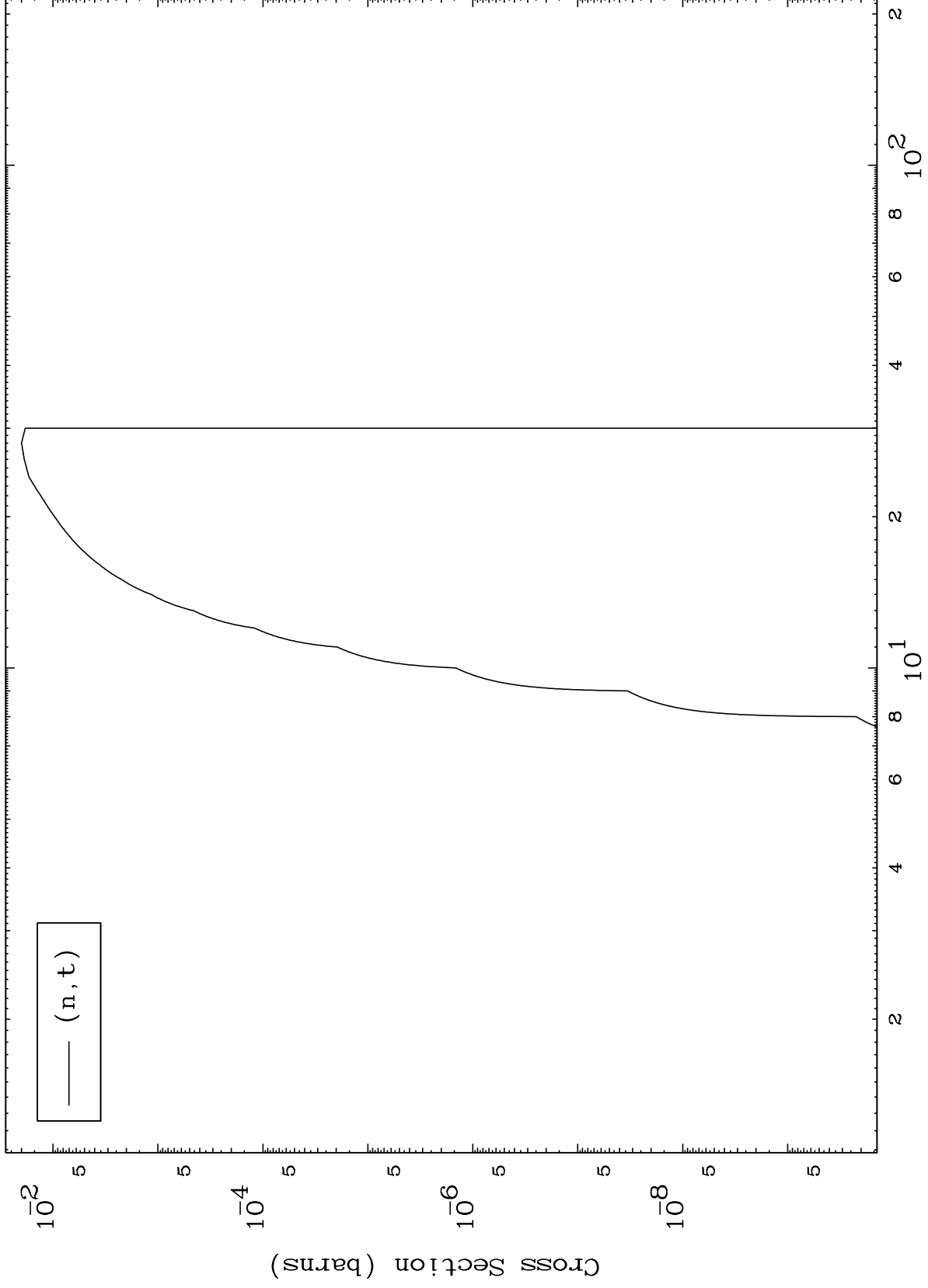
Incident Energy (MeV)

81-Tl-196

MAT 8104

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-196



(n,t)

10

Incident Energy (MeV)

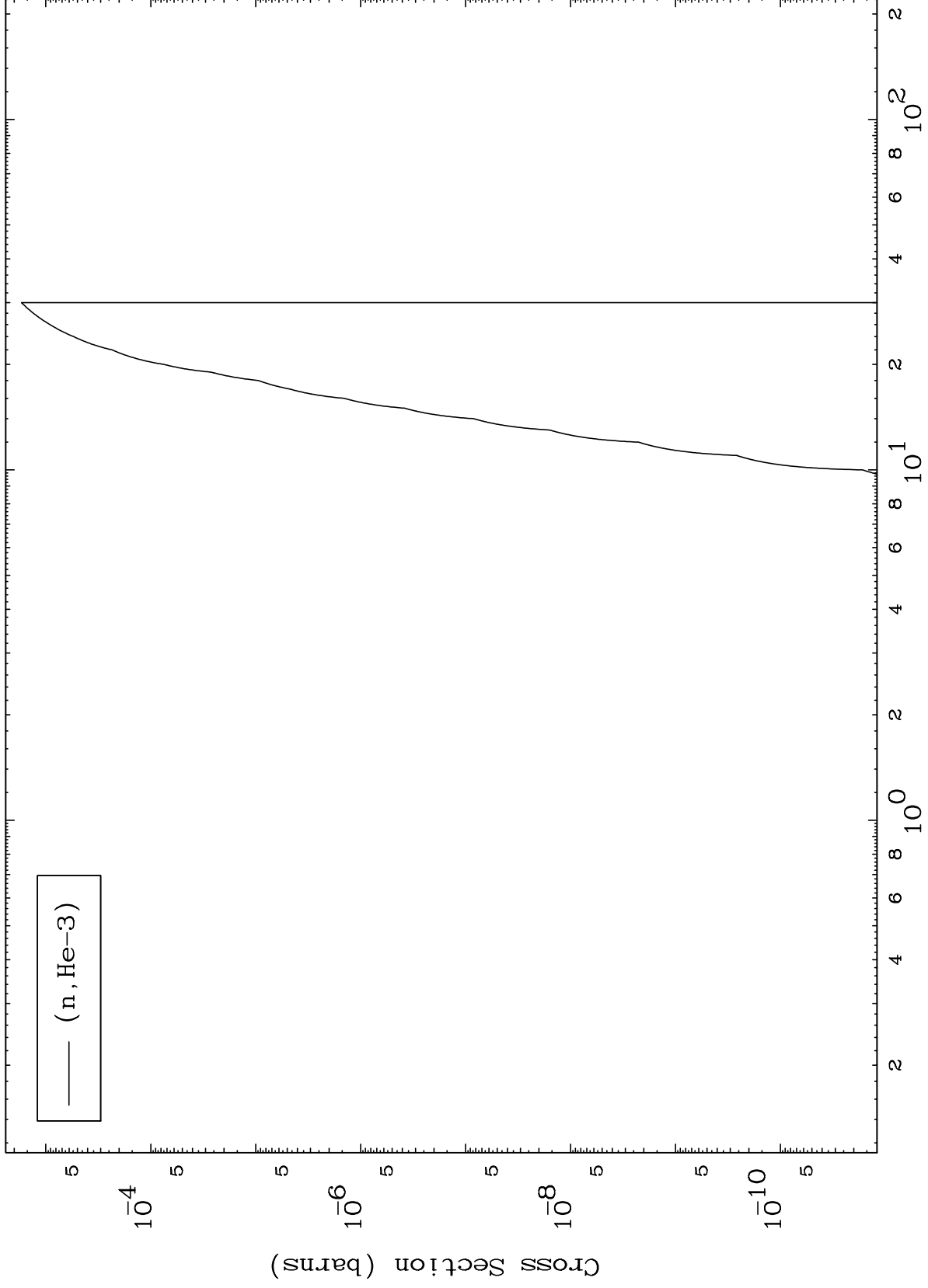
81-Tl-196

MAT 8104

(d,He3) Levels

81-T1-196

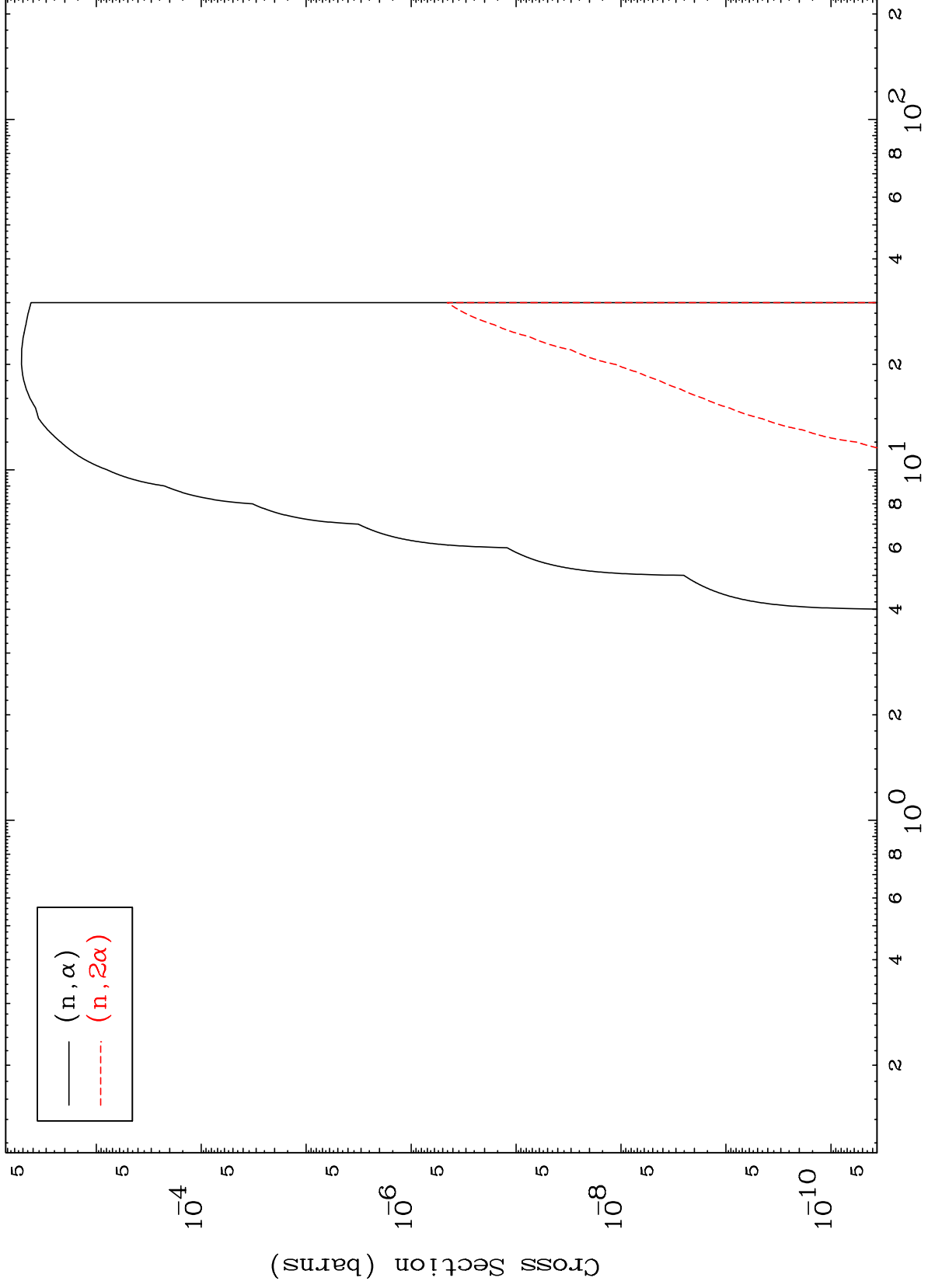
0 Kelvin Cross Sections



MAT 8104

(d, α) Levels
0 Kelvin Cross Sections

81-Tl-196



12

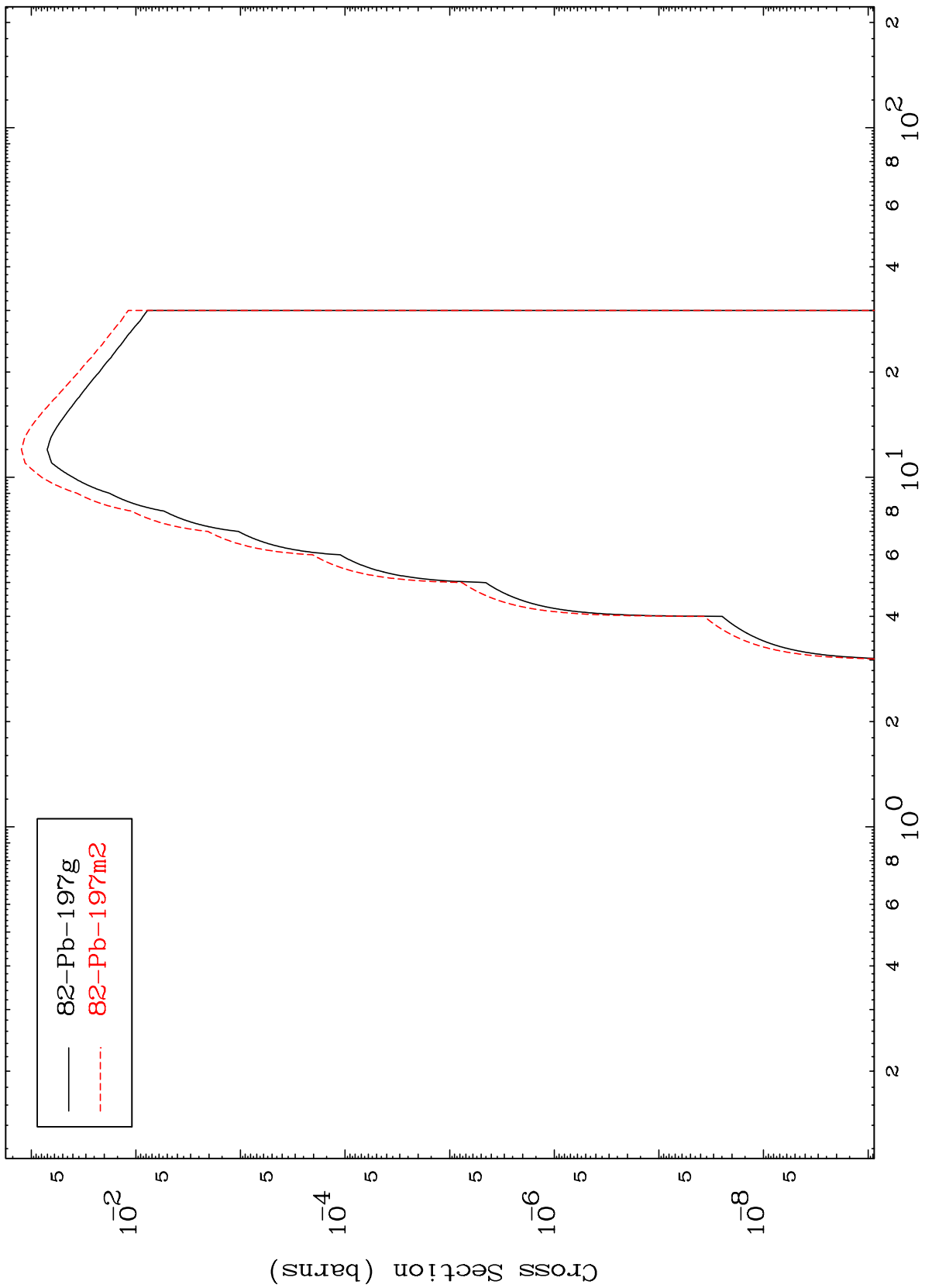
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

Inelastic
Radionuclide Production Cross Section



81-Tl-196

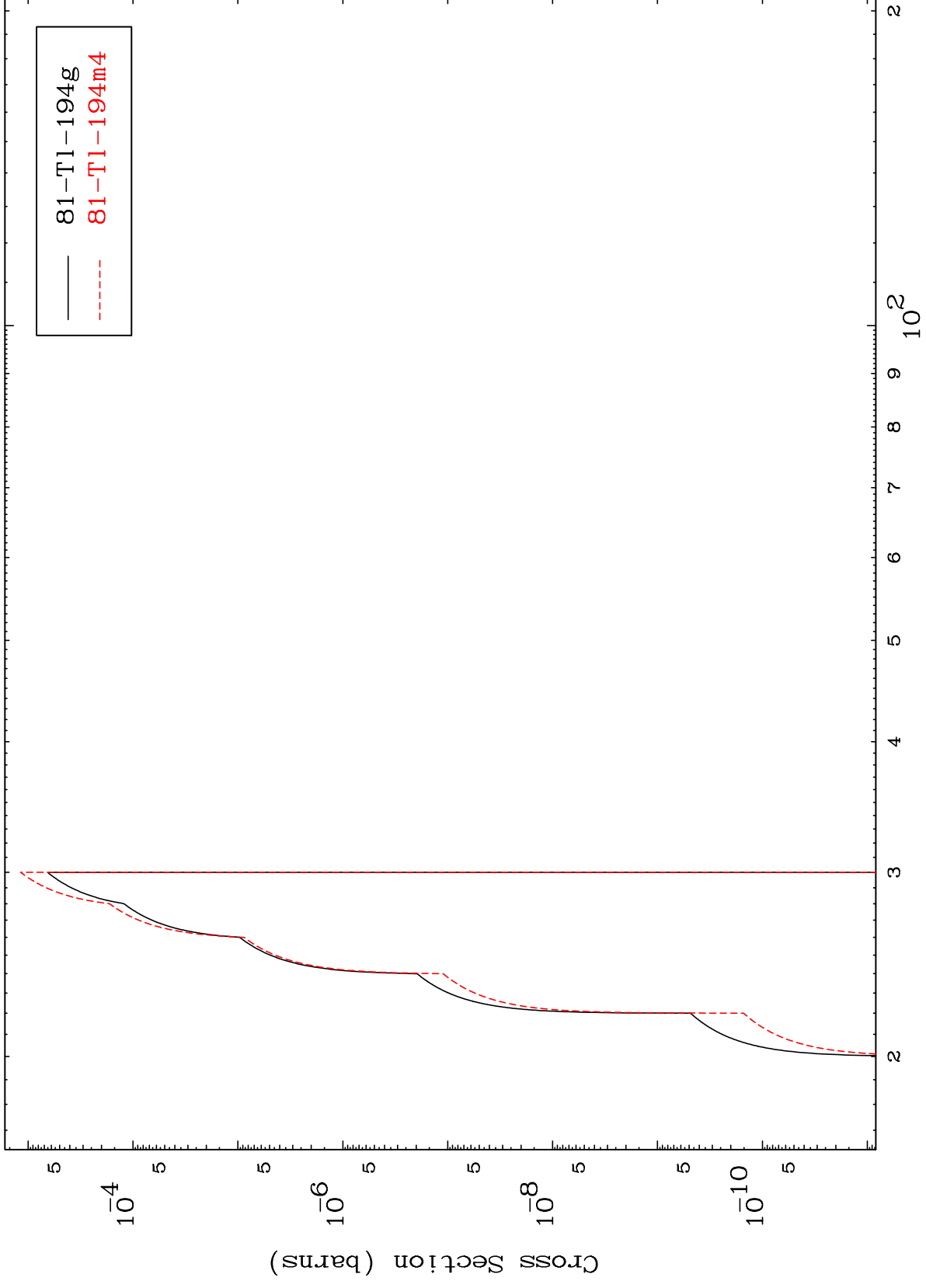
Incident Energy (MeV)

MAT 8104

(n,2n) d

81-Tl-196

Radionuclide Production Cross Section



14

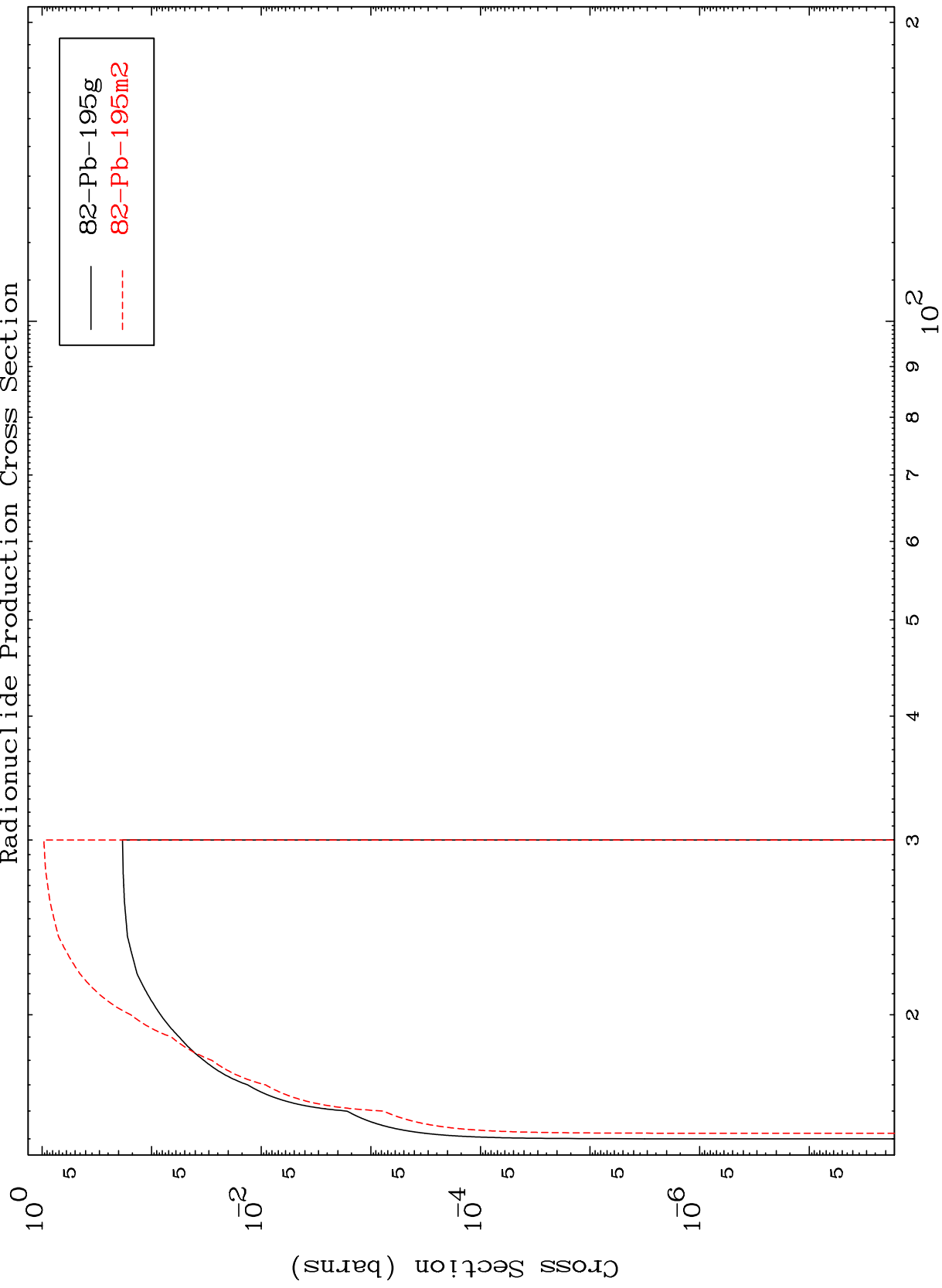
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-T1-196

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

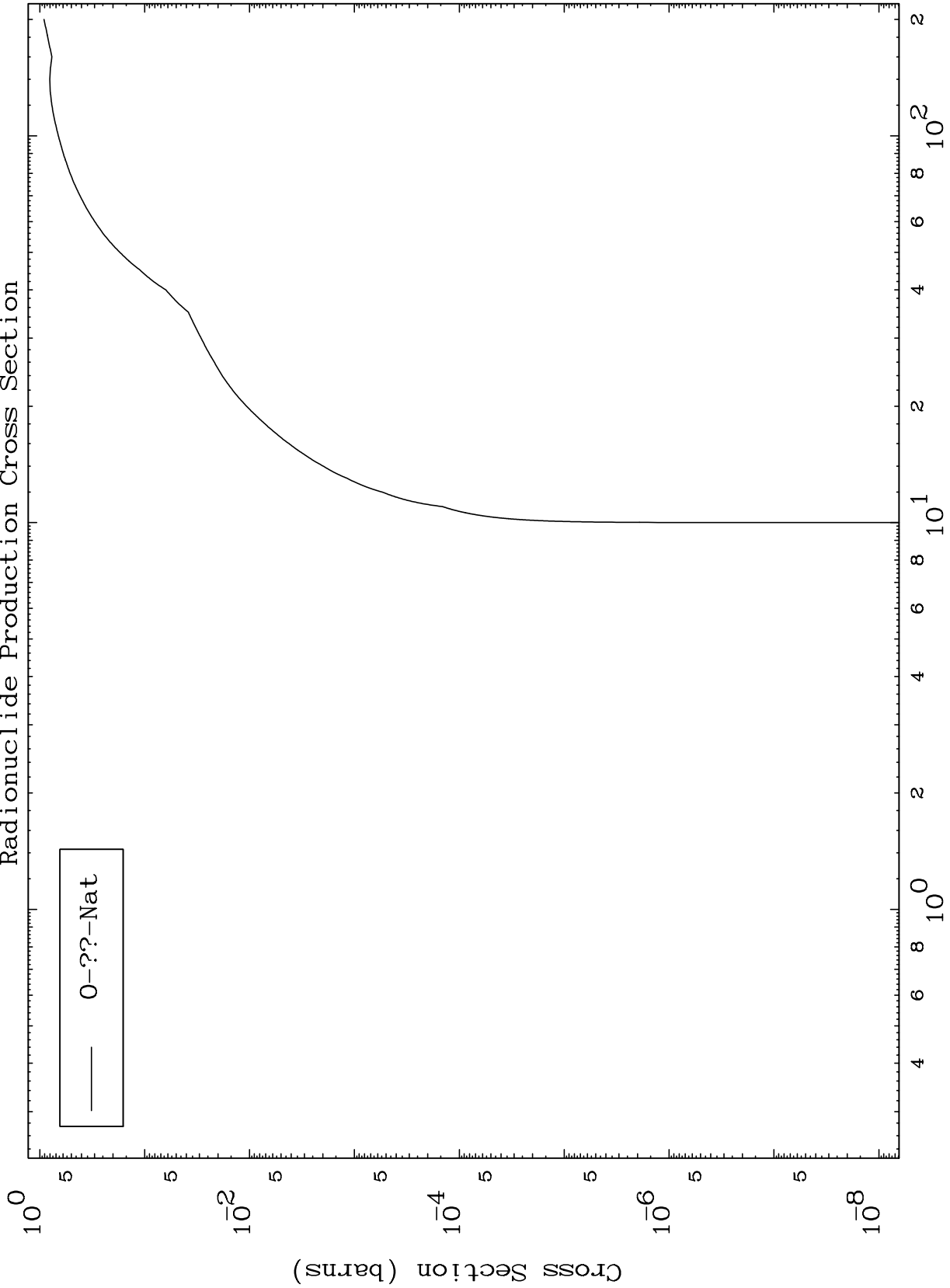
81-T1-196

MAT 8104

Fission

81-Tl-196

Radionuclide Production Cross Section

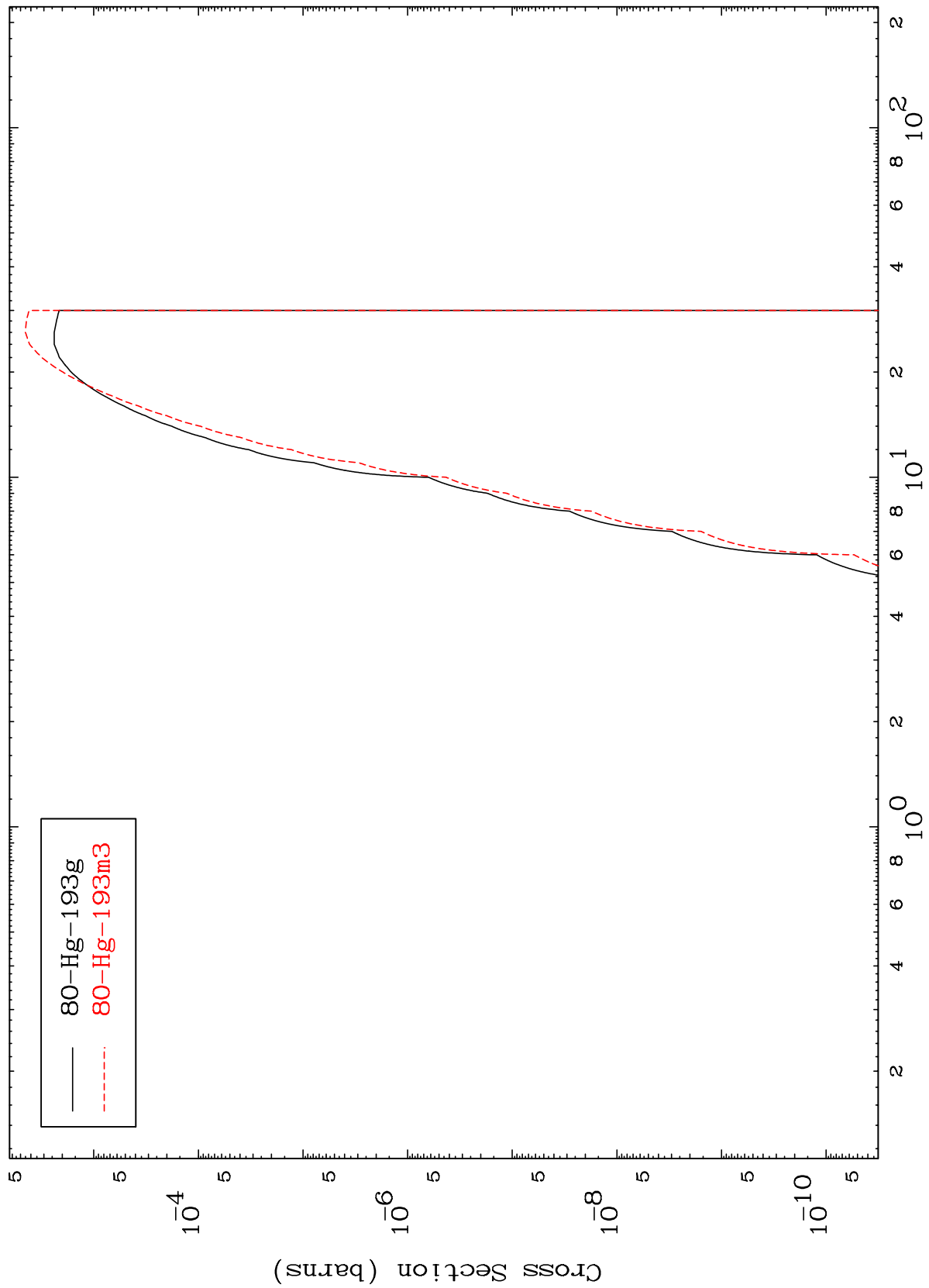


MAT 8104

$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section

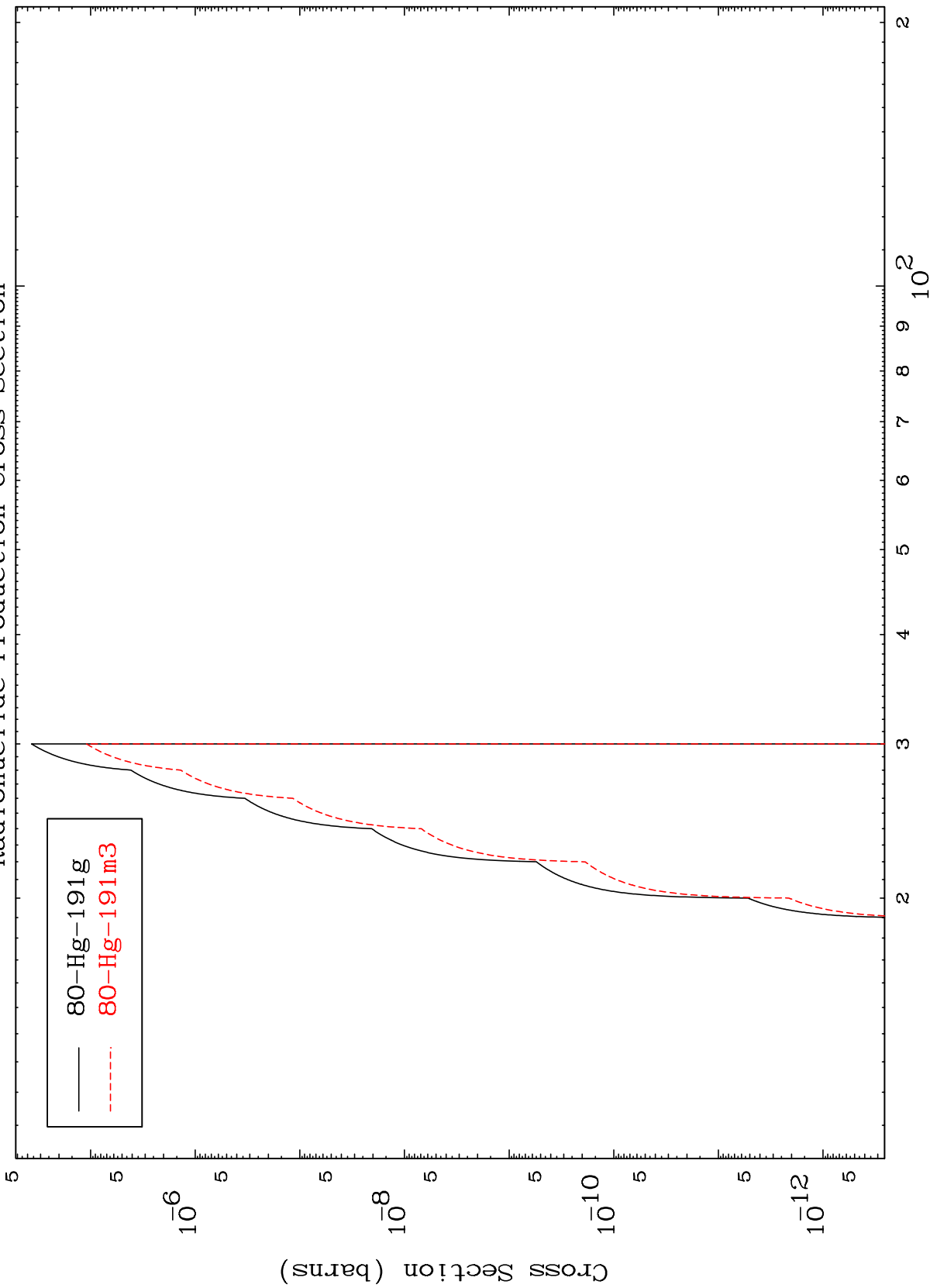


MAT 8104

(n,3n) α

81-T1-196

Radionuclide Production Cross Section



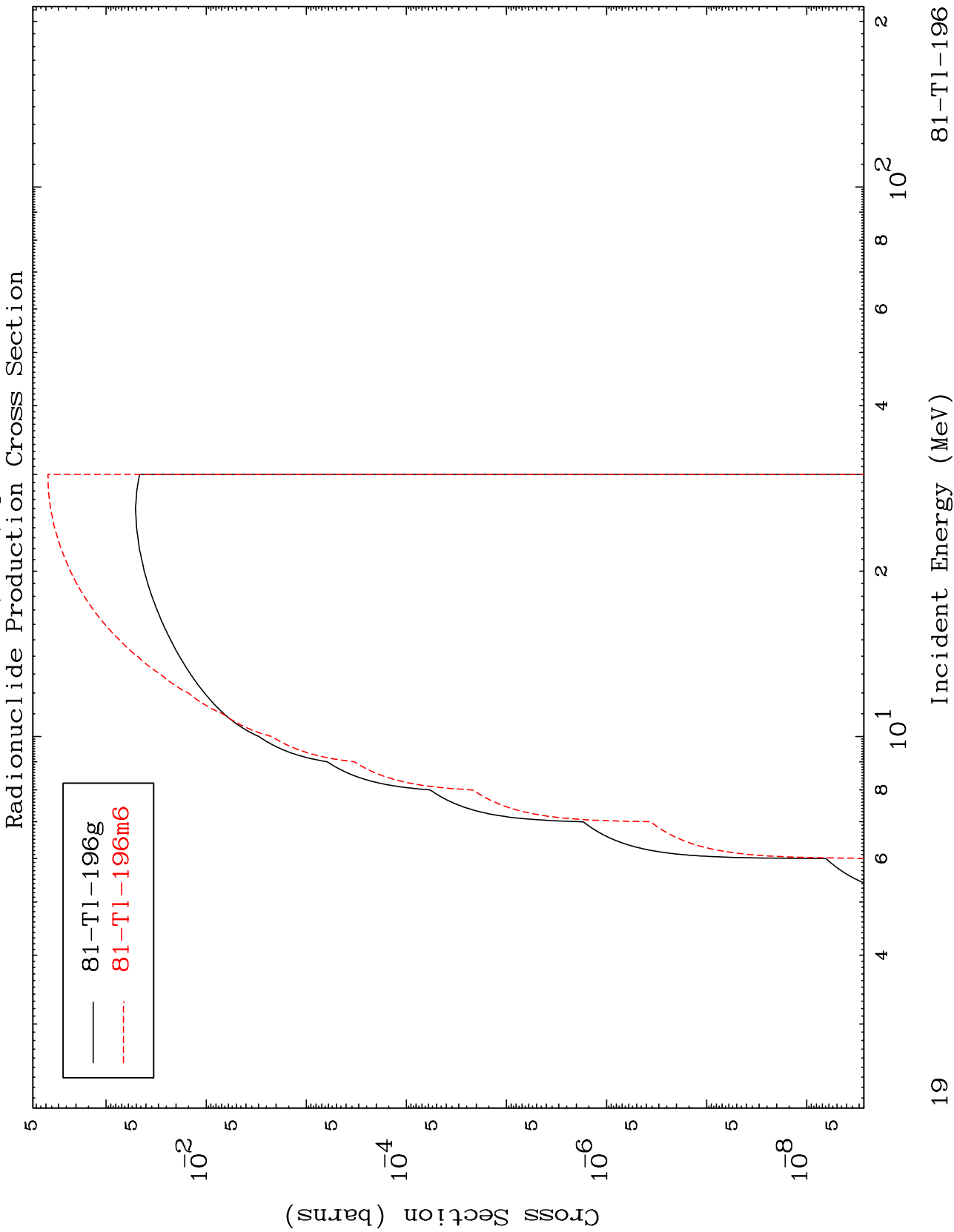
18

Incident Energy (MeV)

81-T1-196

MAT 8104

81-Tl-196

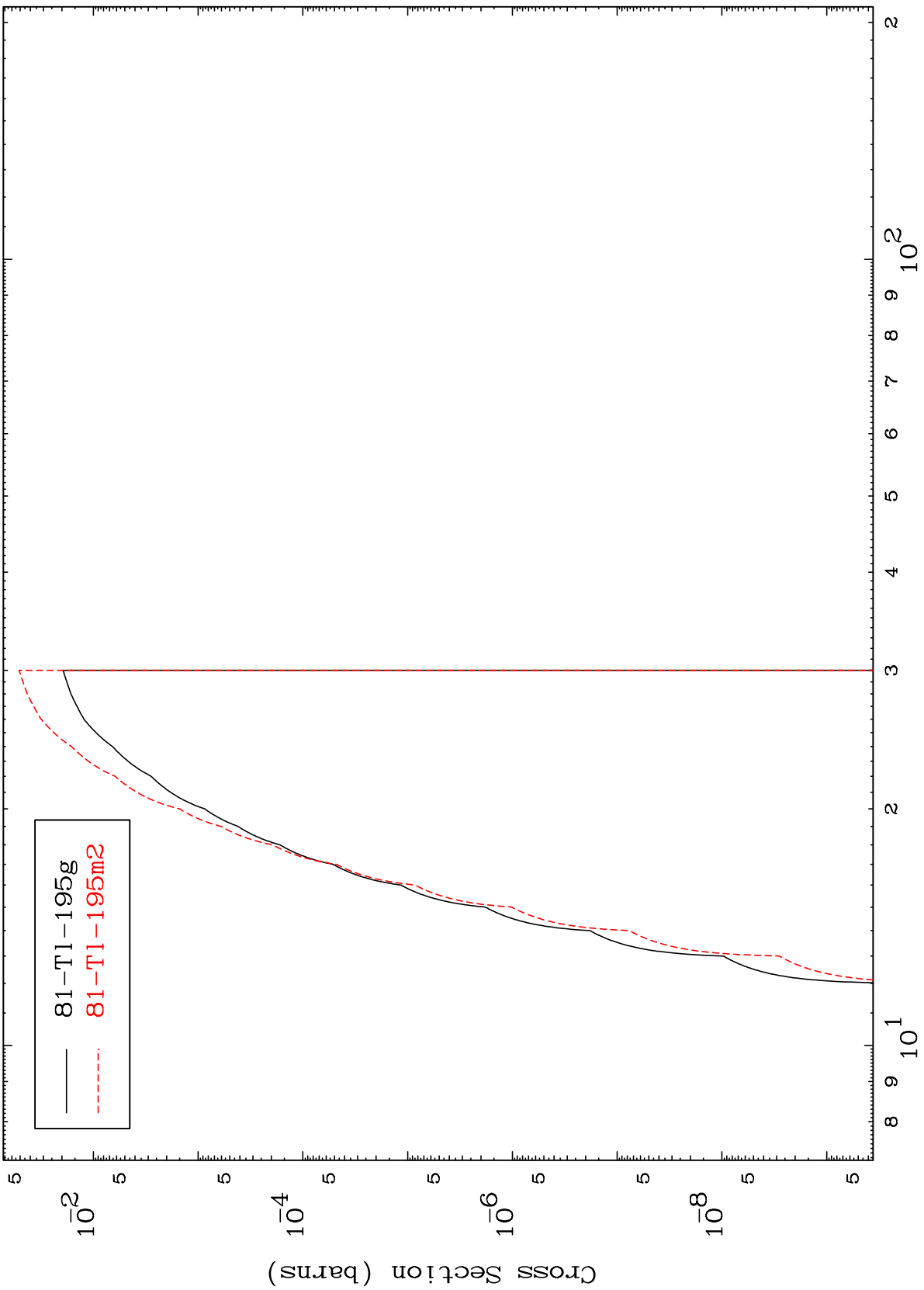


MAT 8104

(n,n') d

81-Tl-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

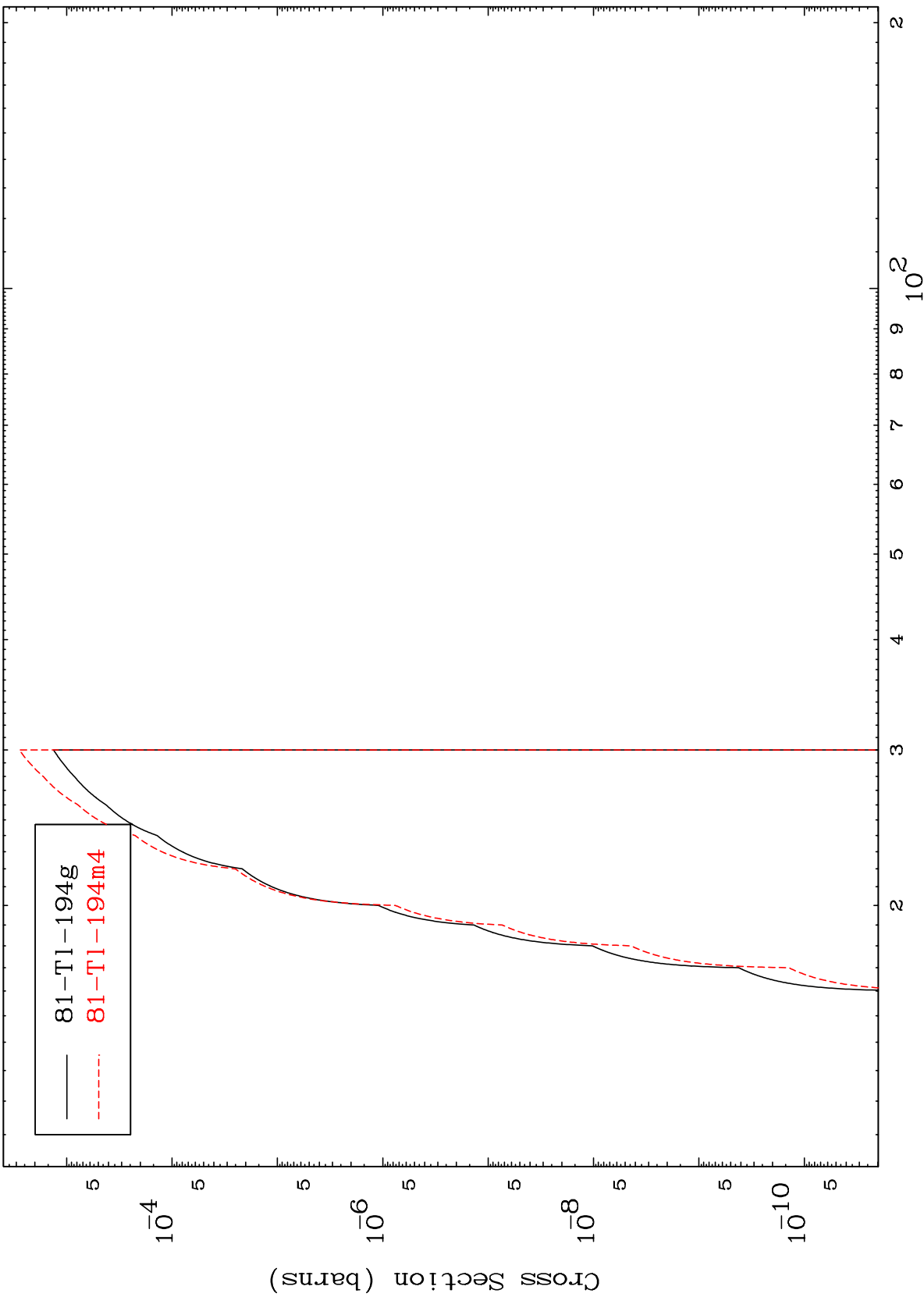
81-Tl-196

MAT 8104

(n,n') t

81-Tl-196

Radionuclide Production Cross Section

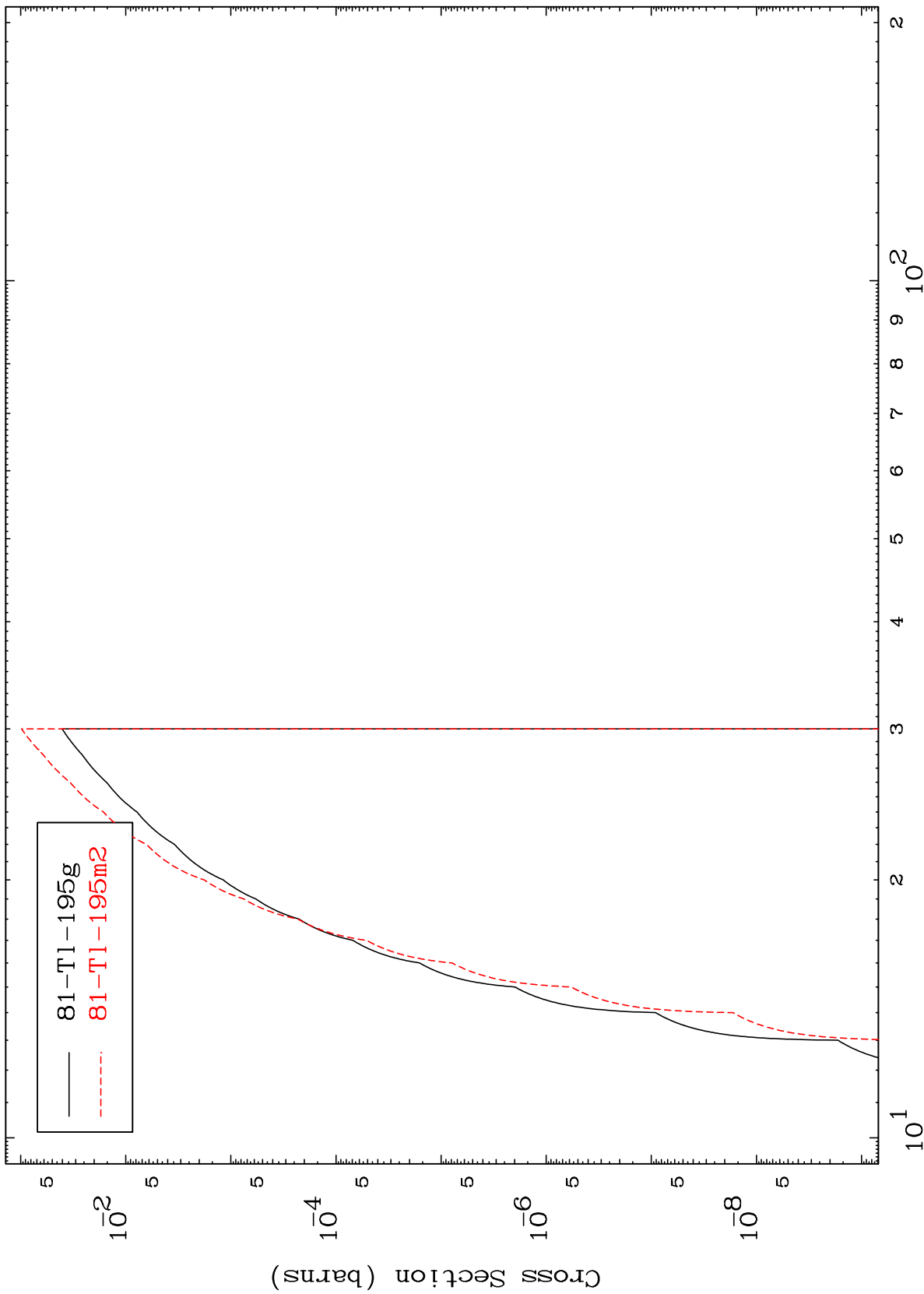


MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

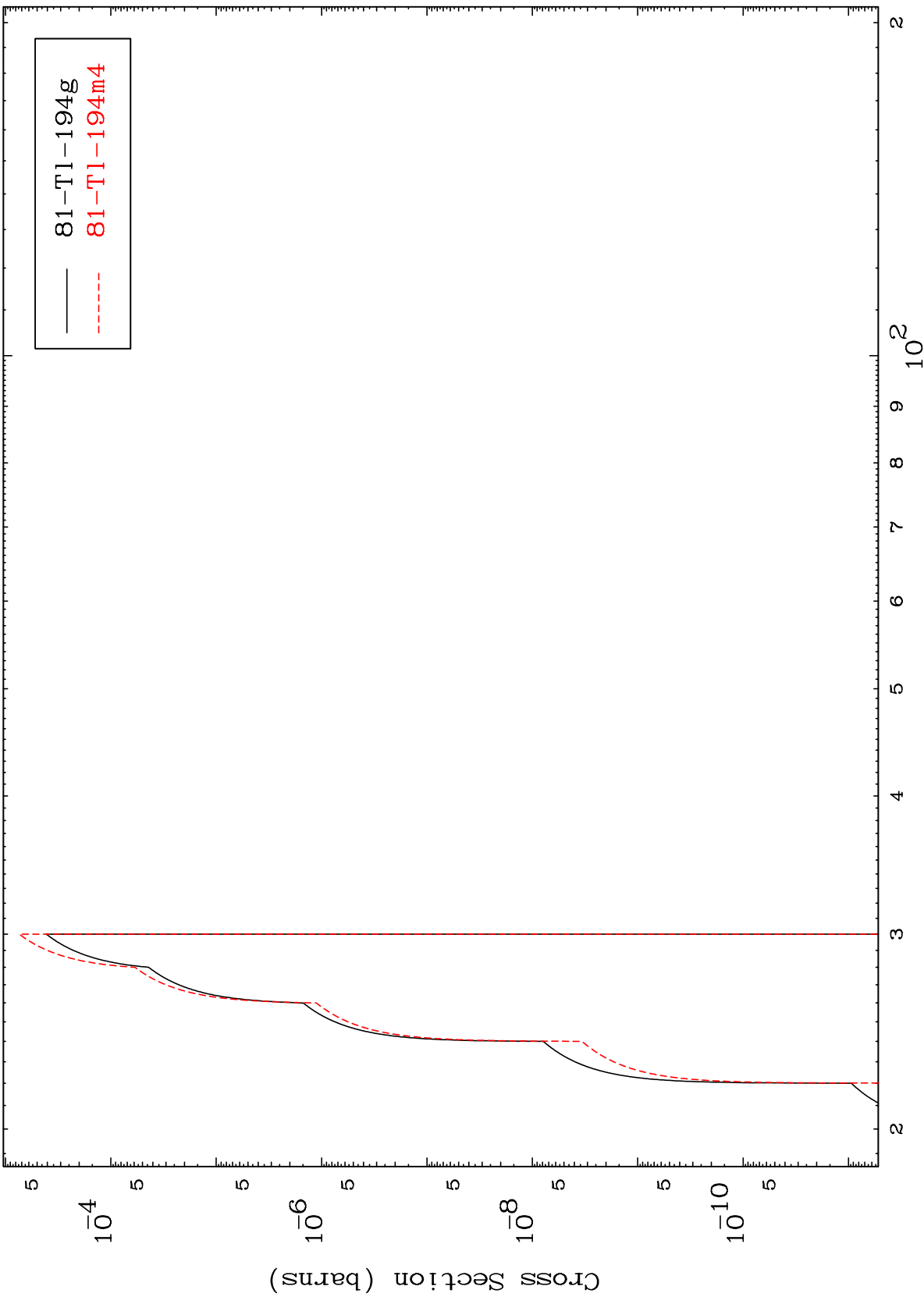
81-Tl-196

MAT 8104

(n,3n) p

81-Tl-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

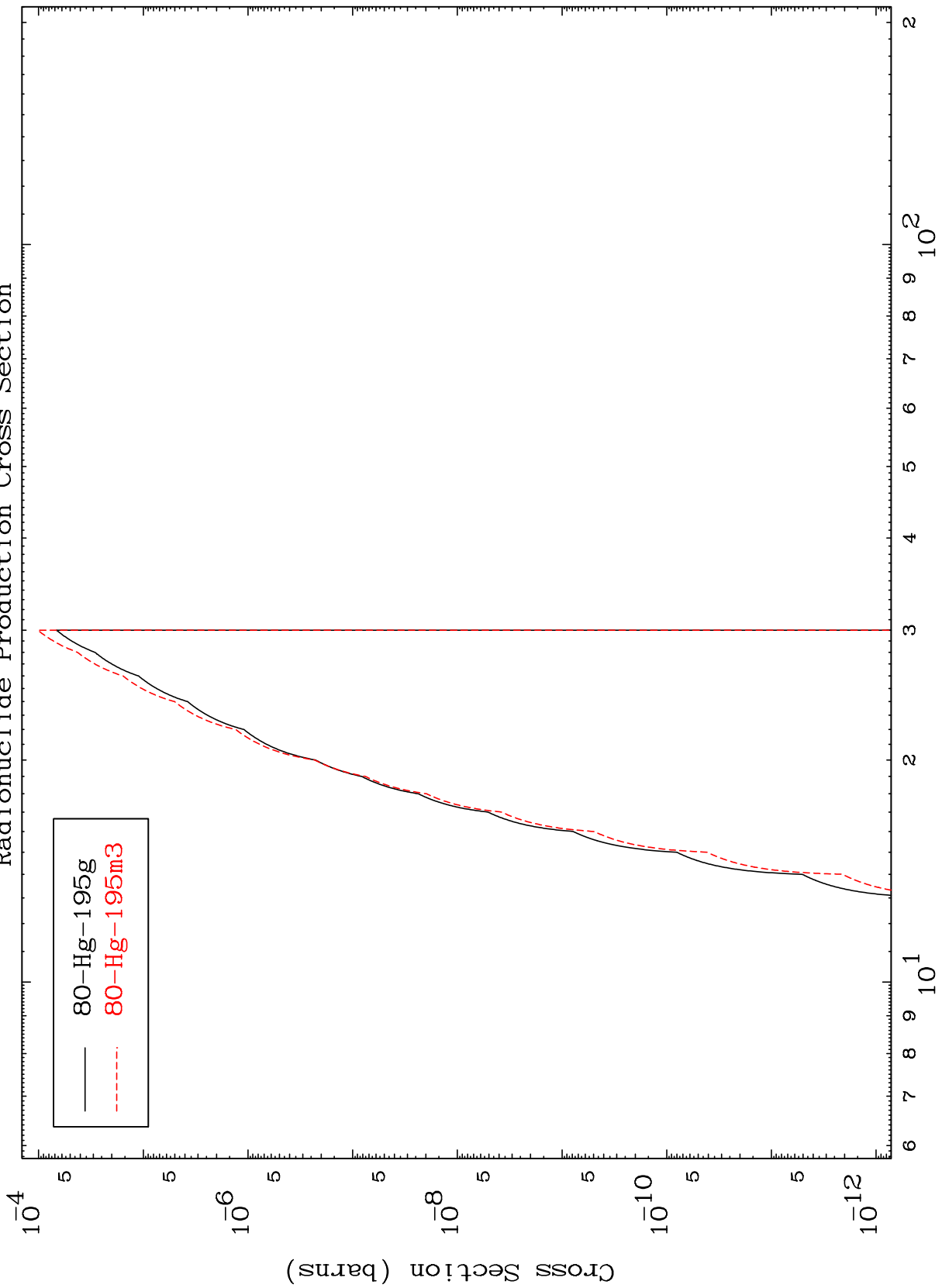
81-Tl-196

MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

24

Incident Energy (MeV)

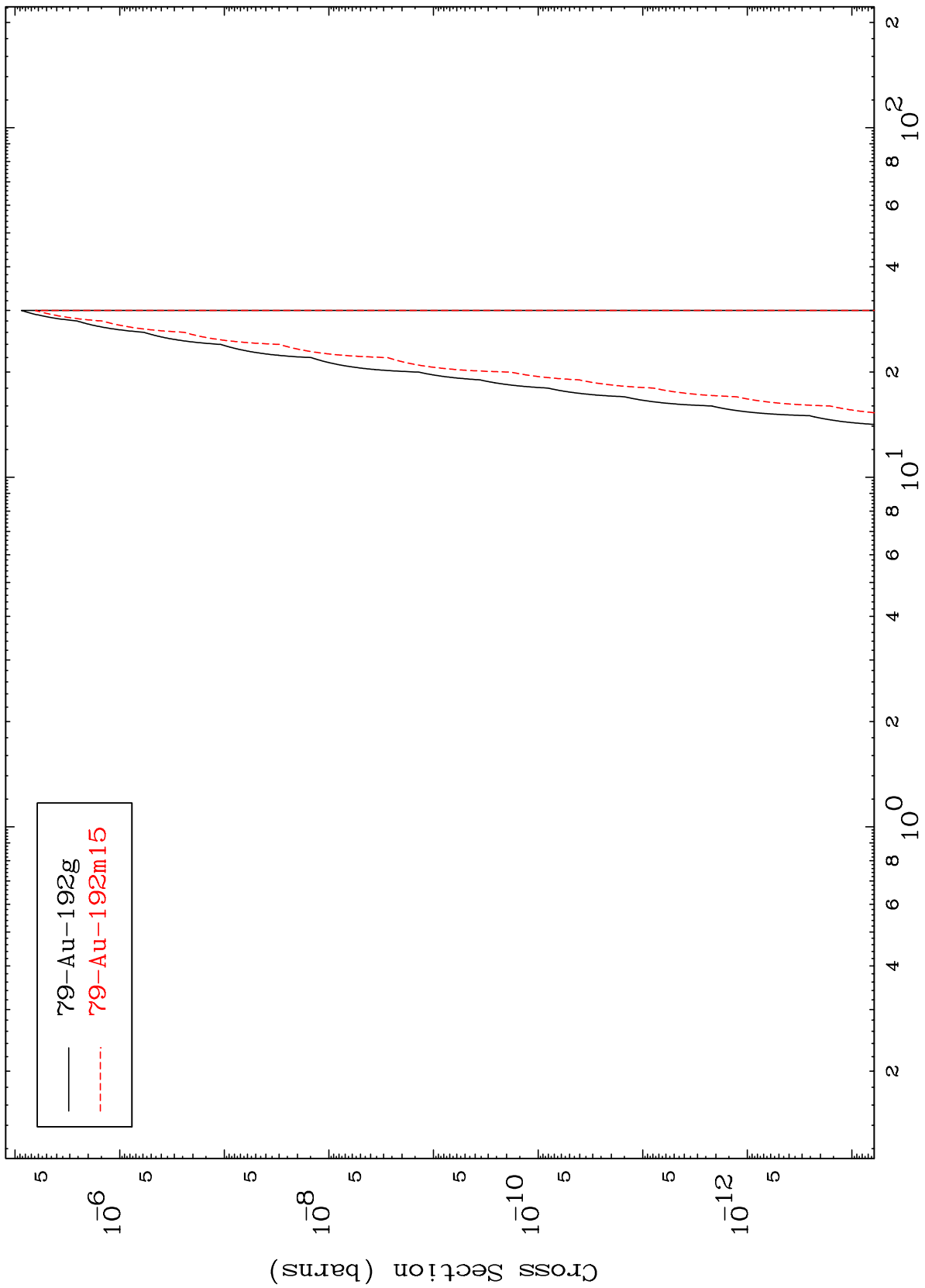
81-Tl-196

MAT 8104

(n,n') p α

81-Tl-196

Radionuclide Production Cross Section



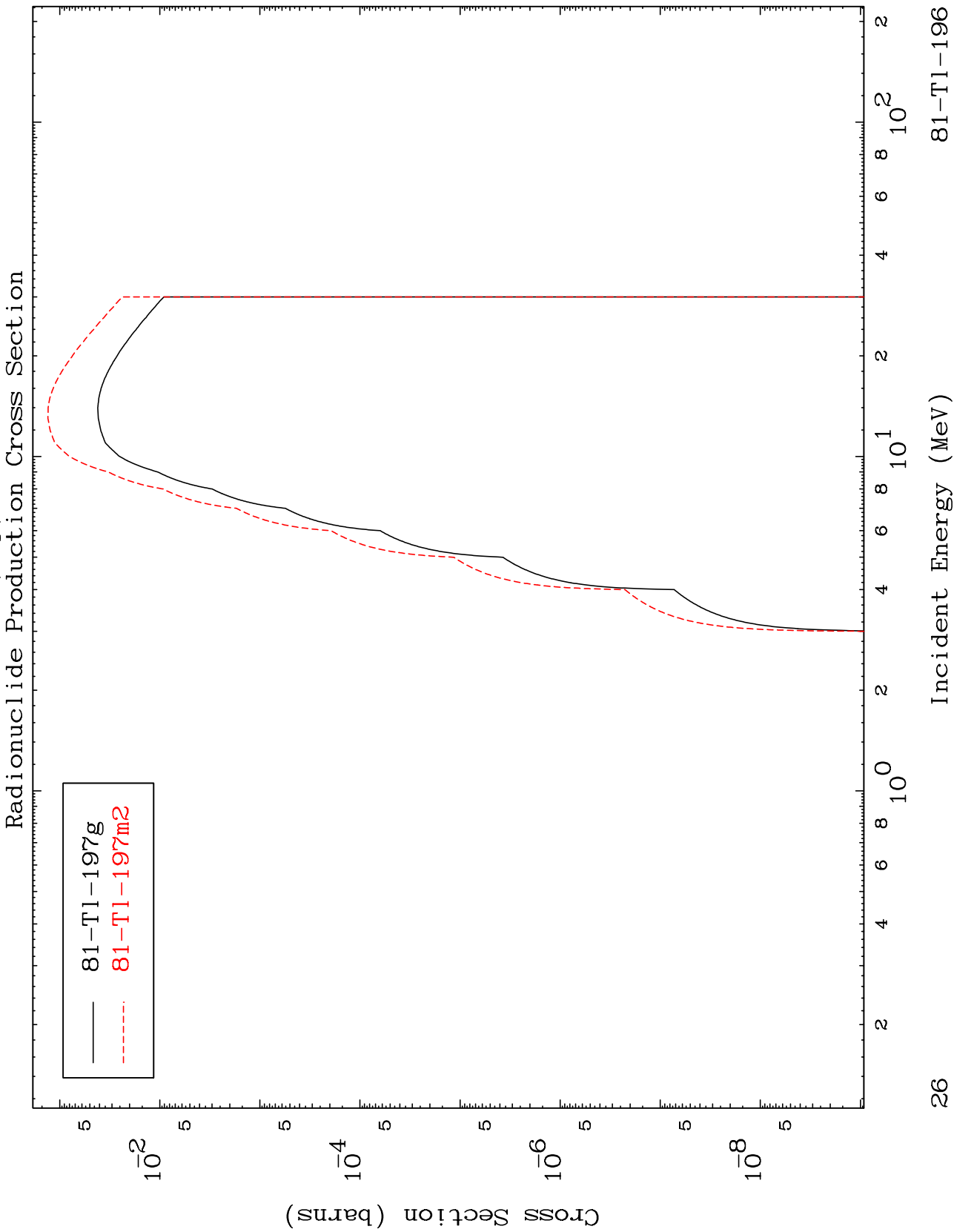
25

Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

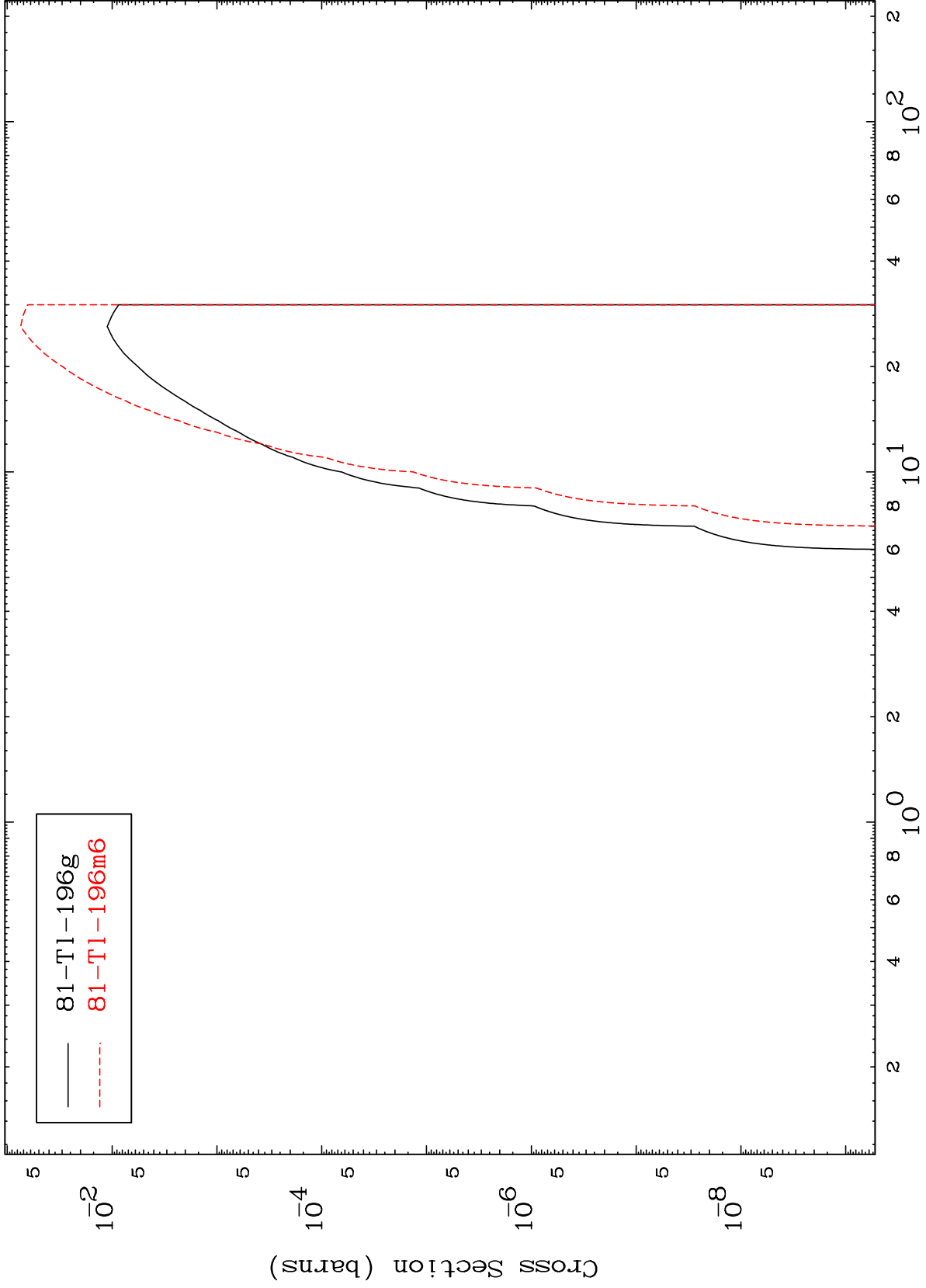


MAT 8104

(n, d)

81-Tl-196

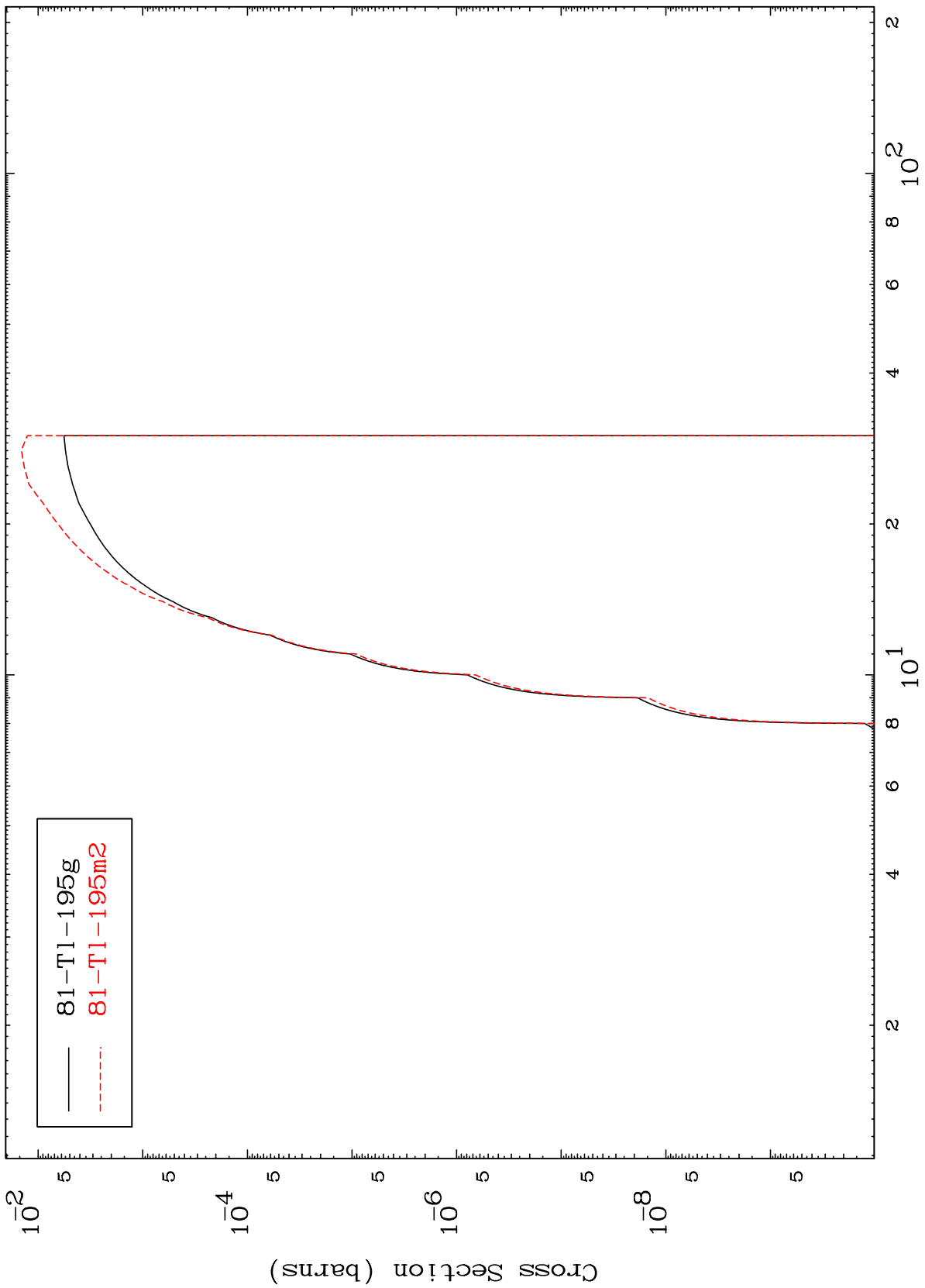
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

(n, t)
Radionuclide Production Cross Section



81-Tl-196

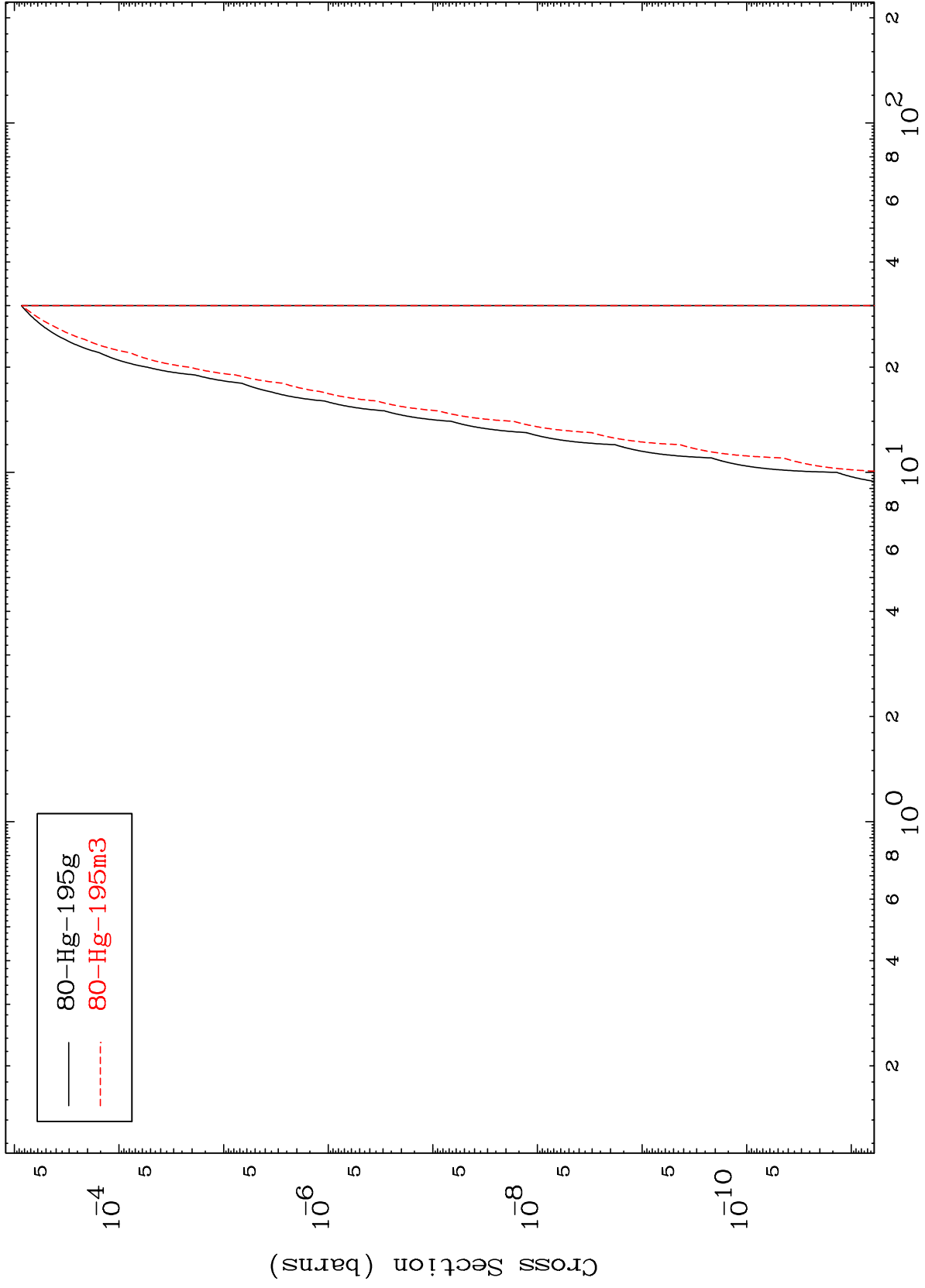
Incident Energy (MeV)

MAT 8104

(n,He-3)

81-Tl-196

Radionuclide Production Cross Section

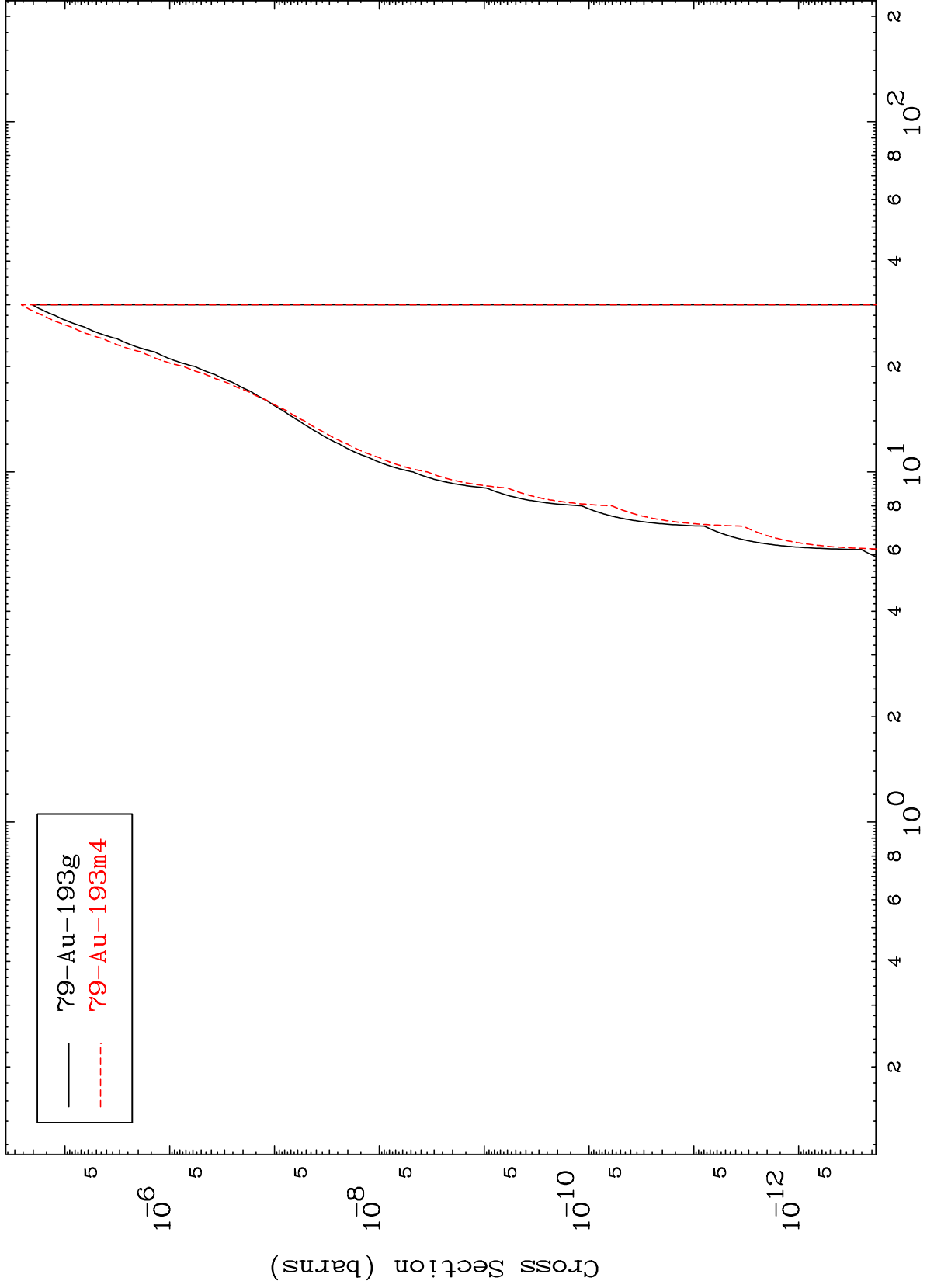


MAT 8104

(n,p) α

81-Tl-196

Radionuclide Production Cross Section



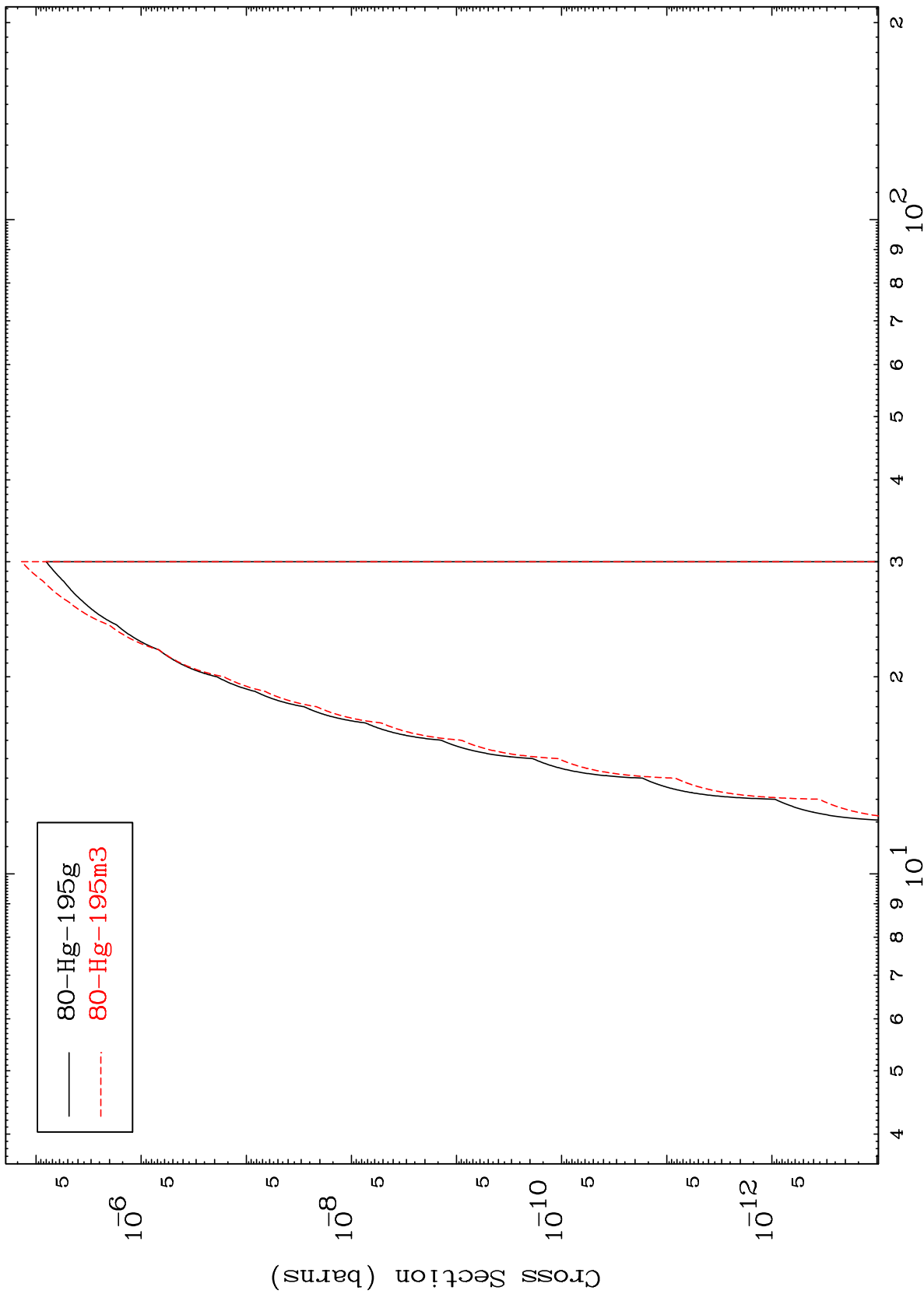
79-Au-193g
79-Au-193m4

MAT 8104

(n,p) d

81-Tl-196

Radionuclide Production Cross Section



MAT 8104

(n,d) α

81-Tl-196

Radionuclide Production Cross Section

