

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

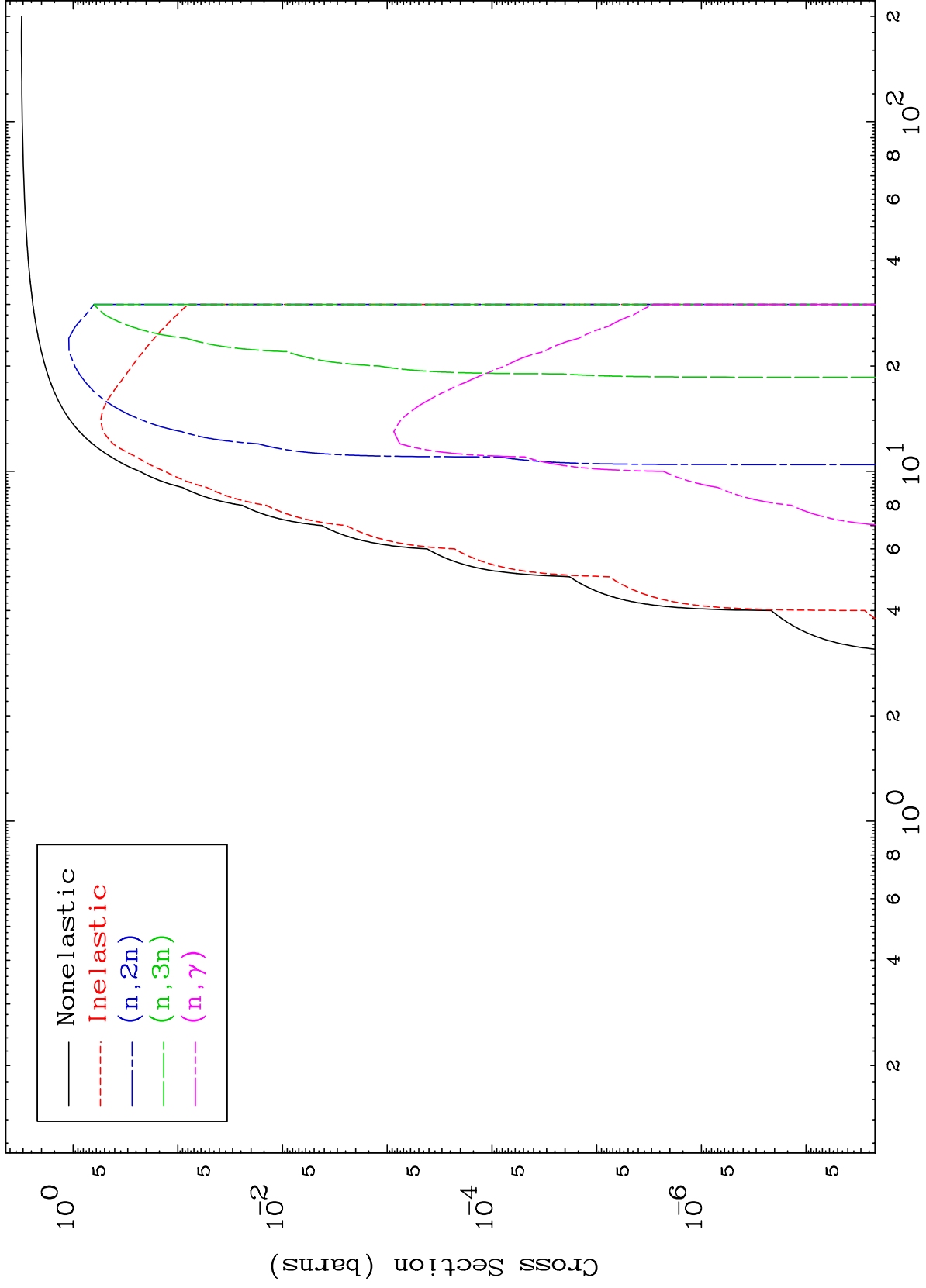
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

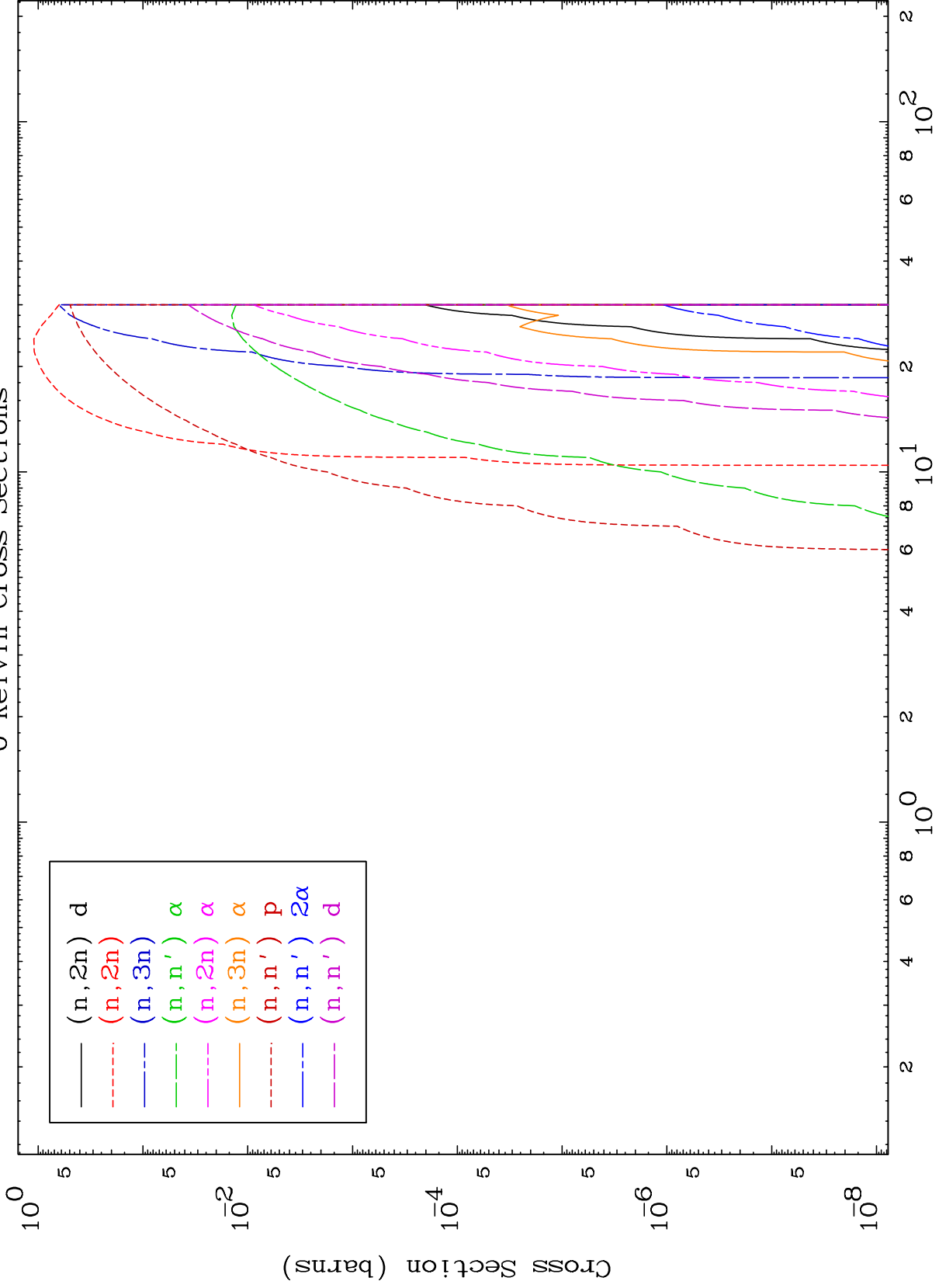
Tele: 925-443-1911

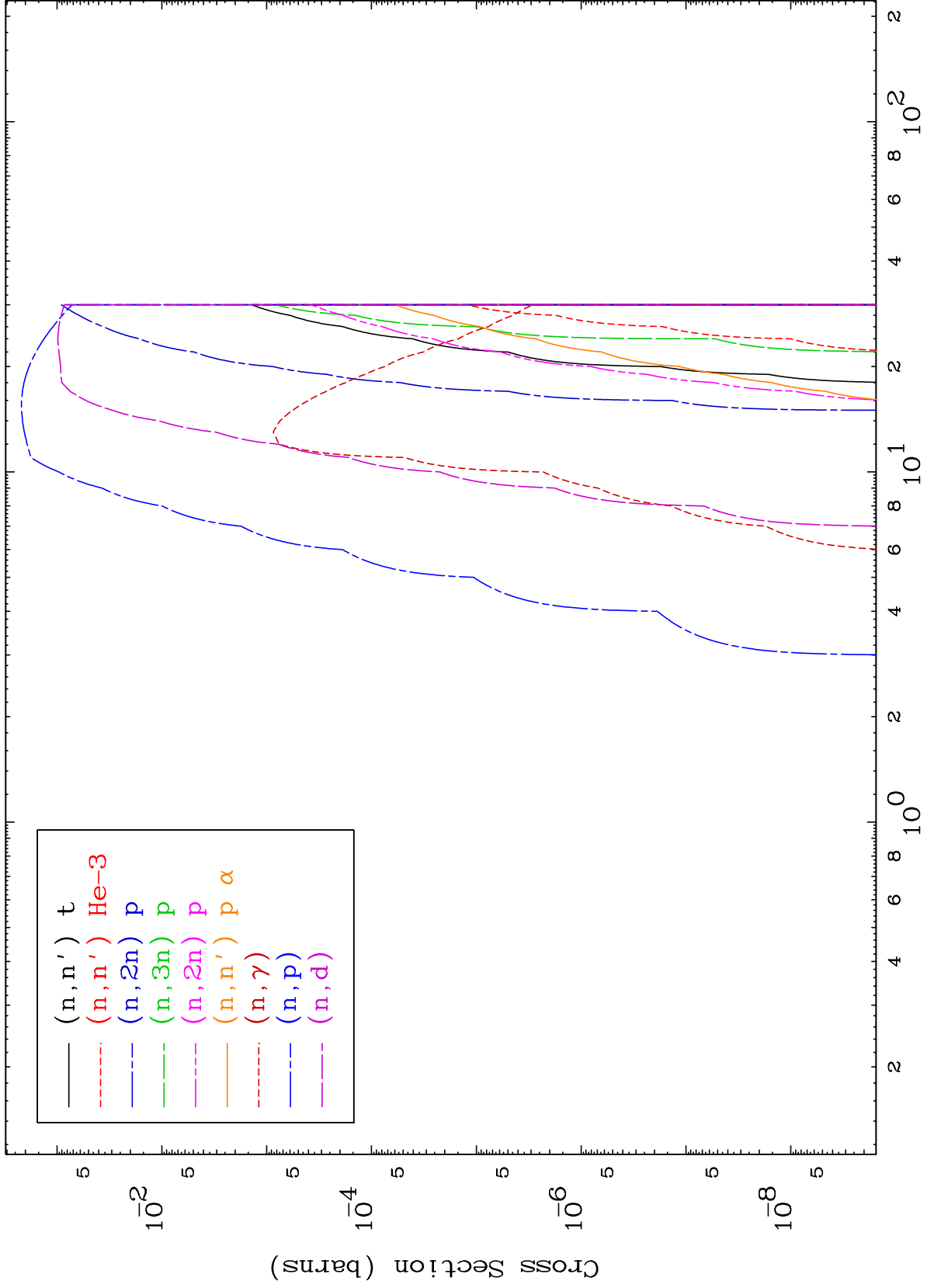
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



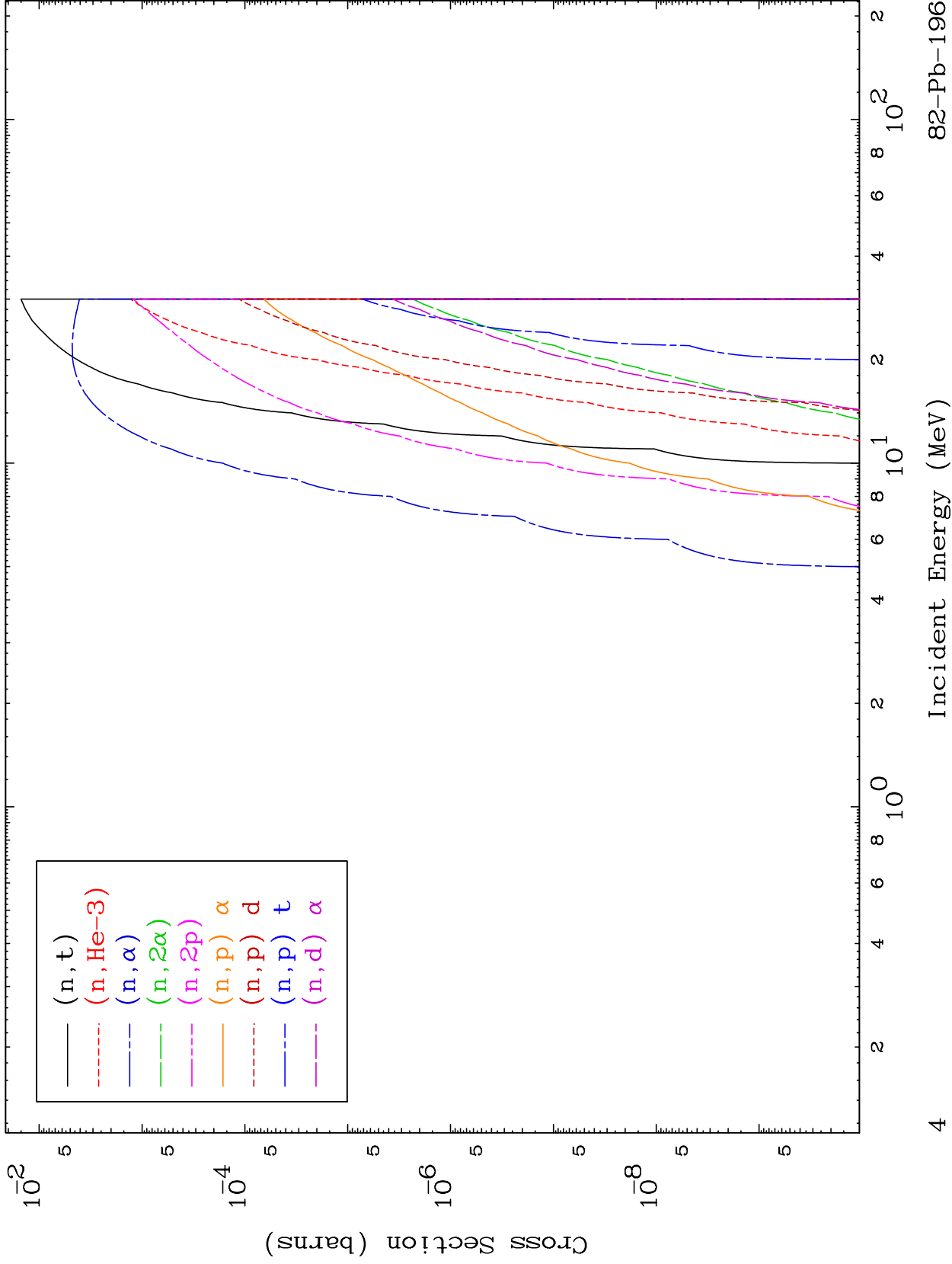




MAT 8201

Deuteron Neutron Absorption
0 Kelvin Cross Sections

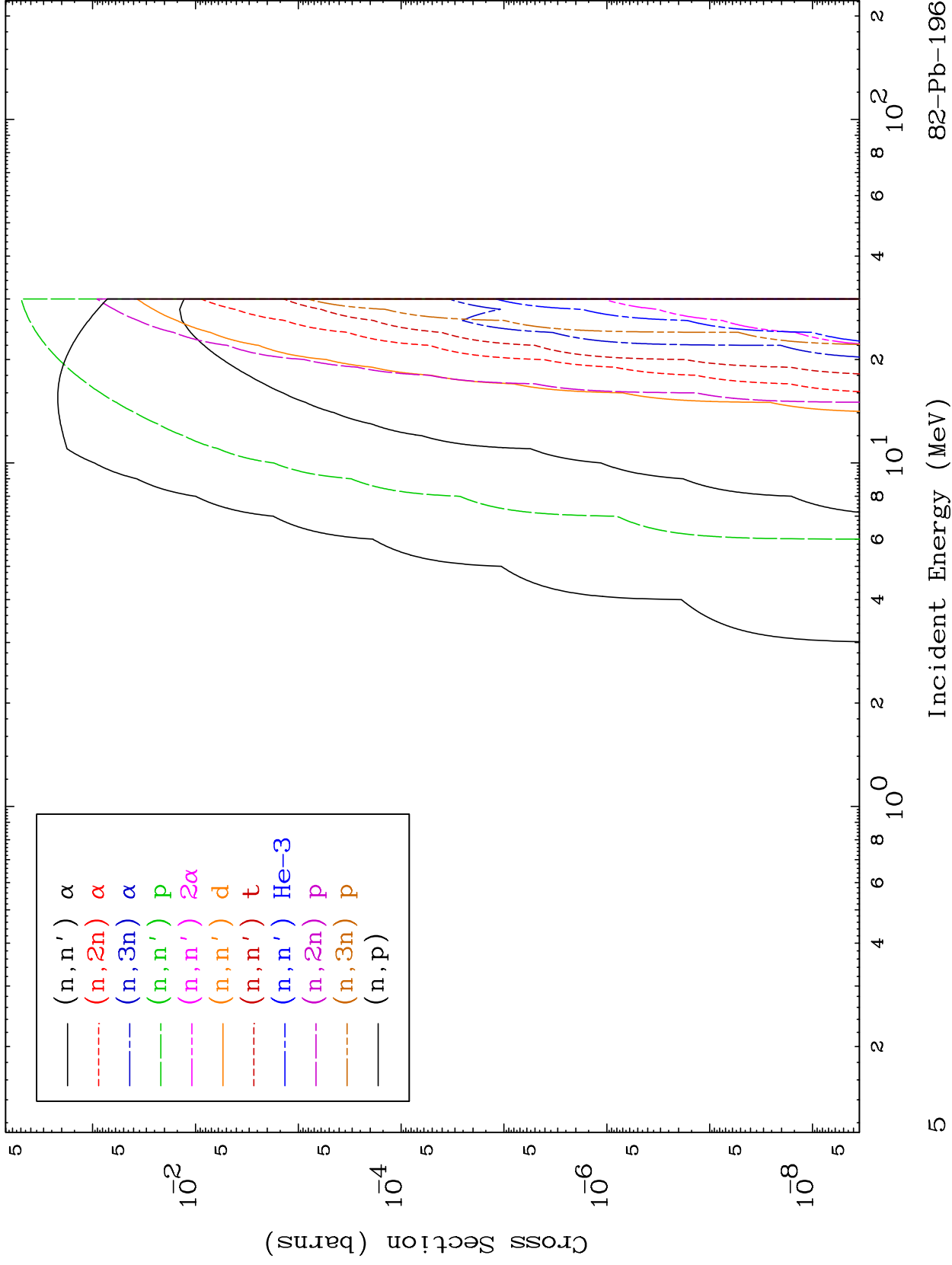
82-Pb-196

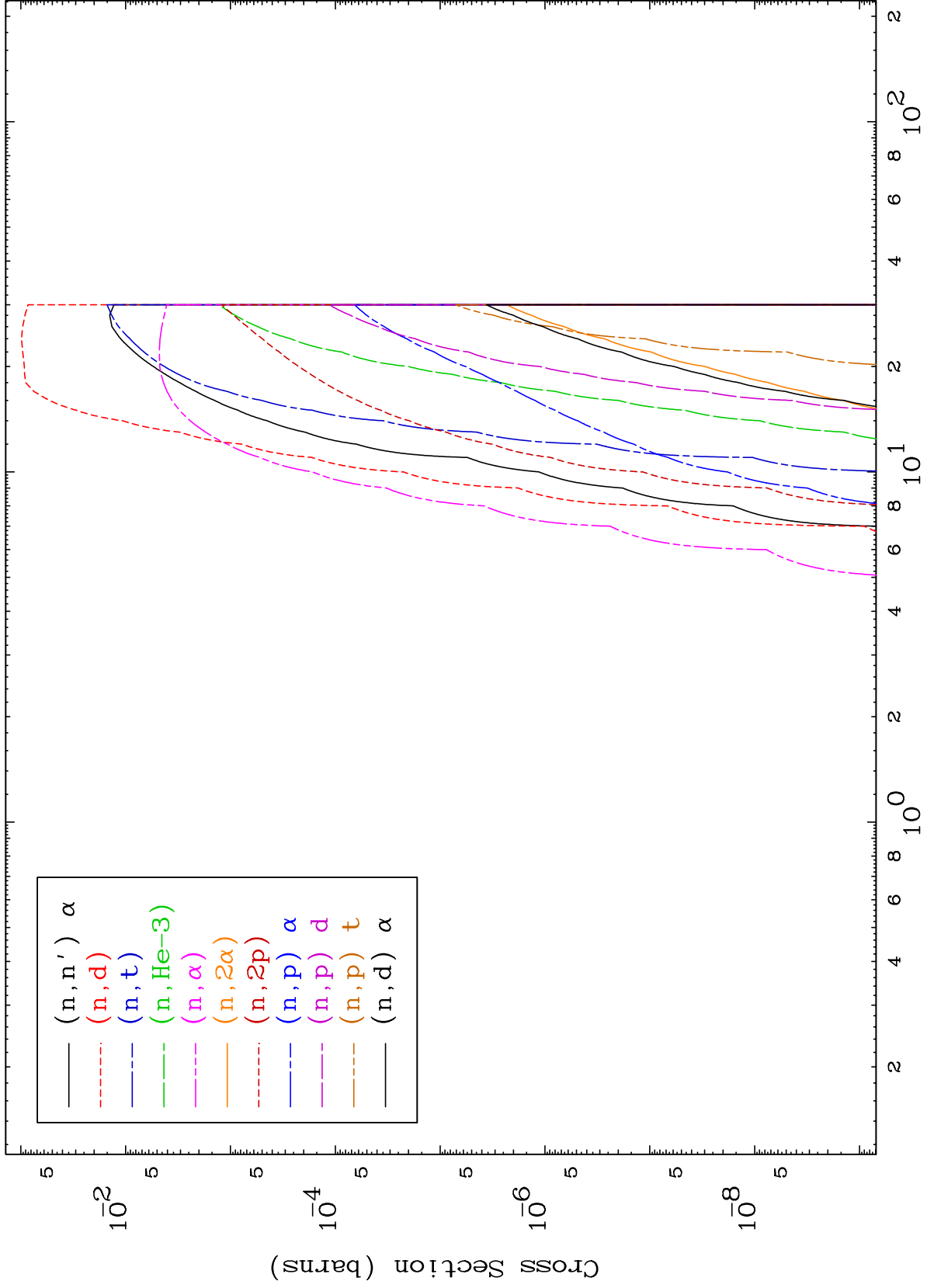


MAT 8201

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-196



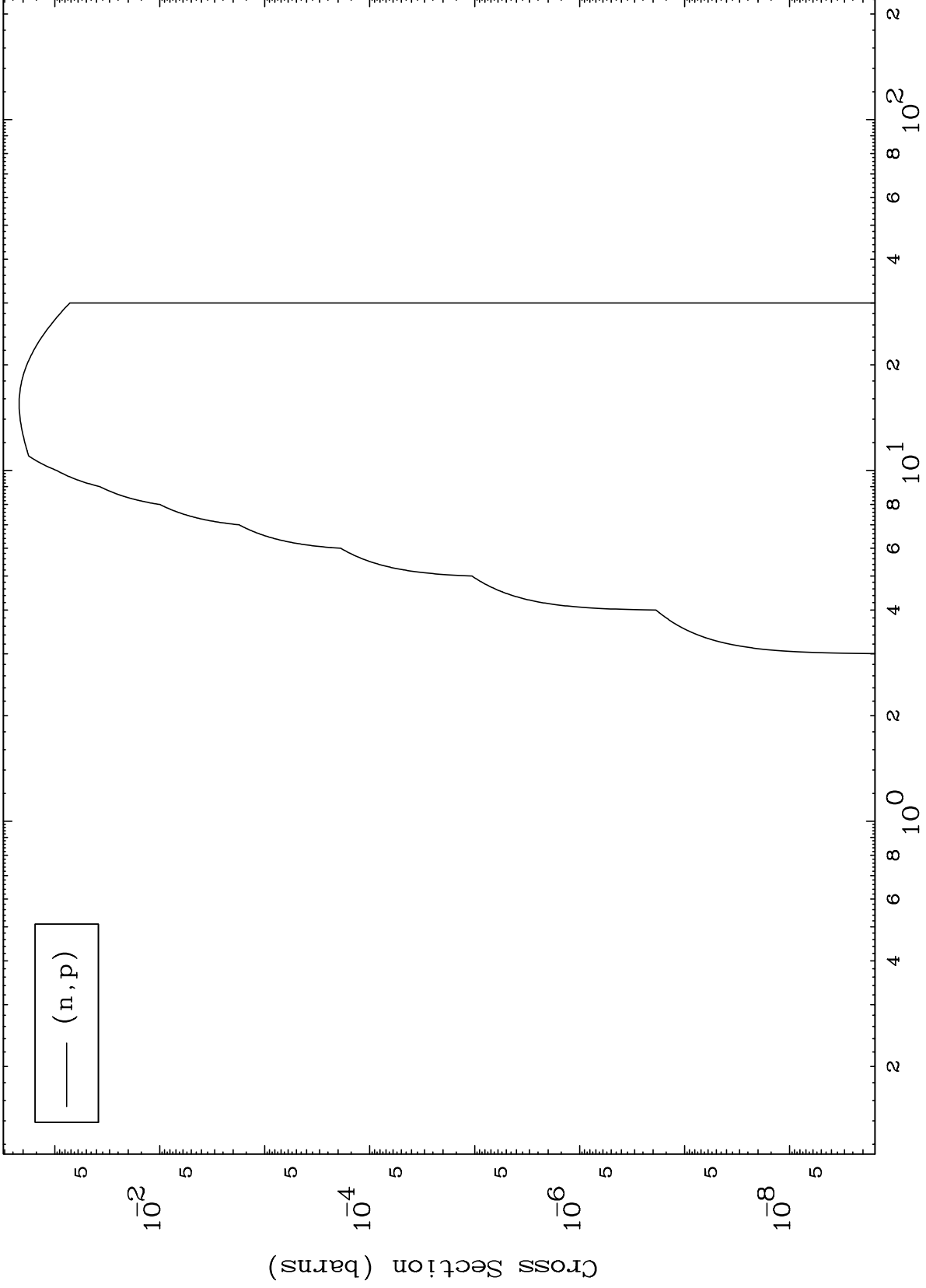


MAT 8201

(d,p) Levels

82-Pb-196

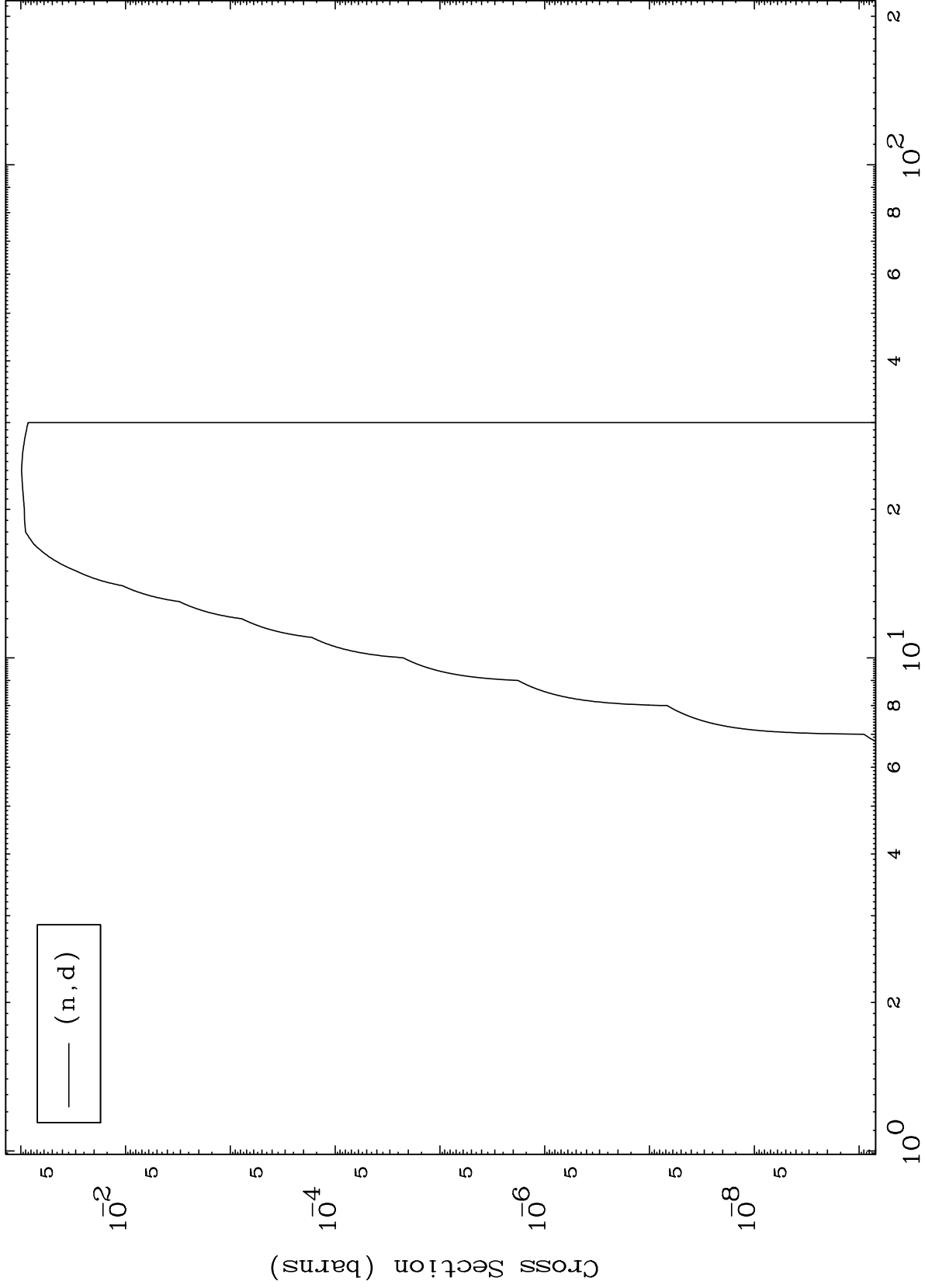
0 Kelvin Cross Sections



MAT 8201

(d,d) Levels
0 Kelvin Cross Sections

82-Pb-196



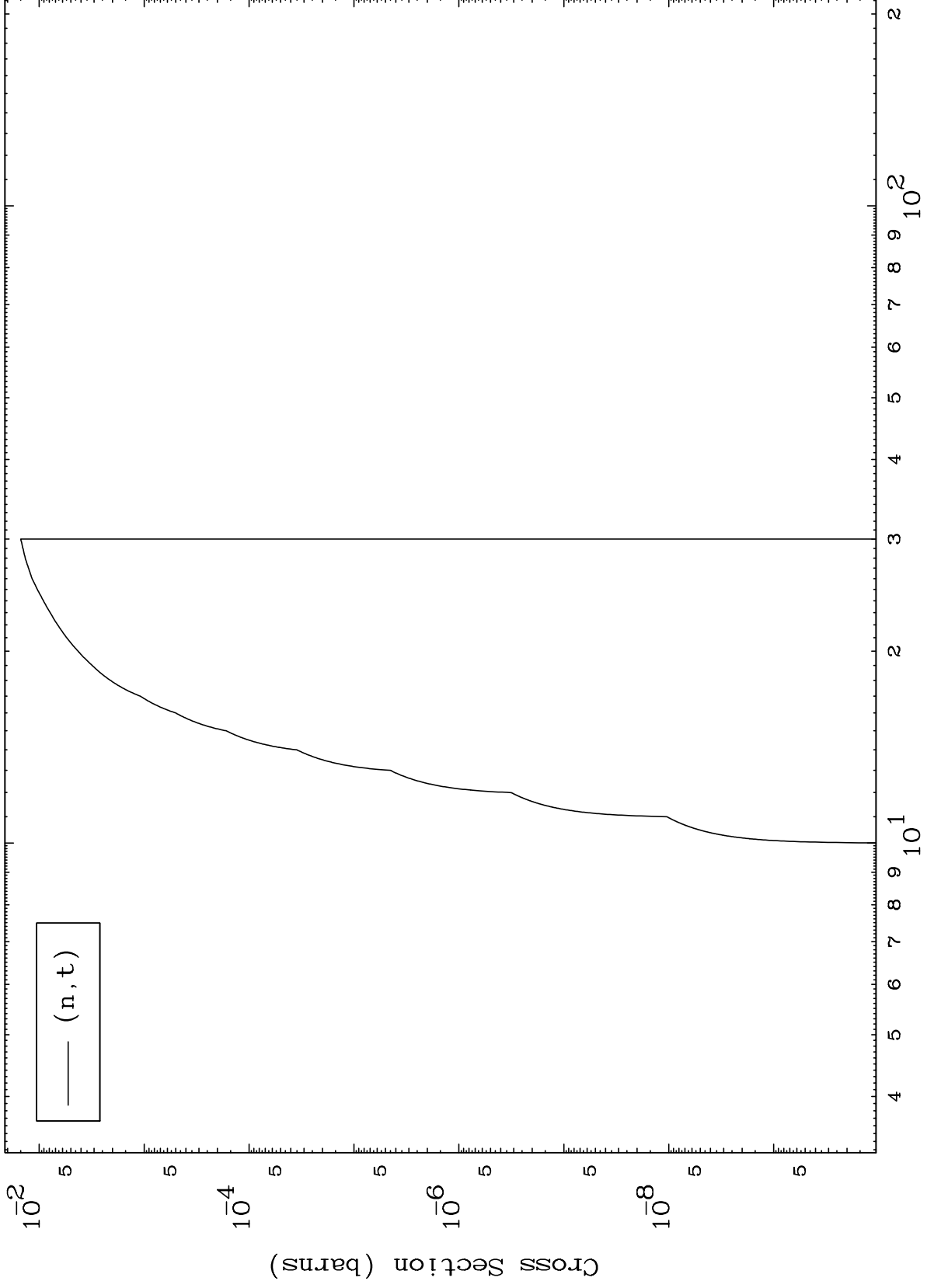
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(d,t) Levels
0 Kelvin Cross Sections



9

82-Pb-196

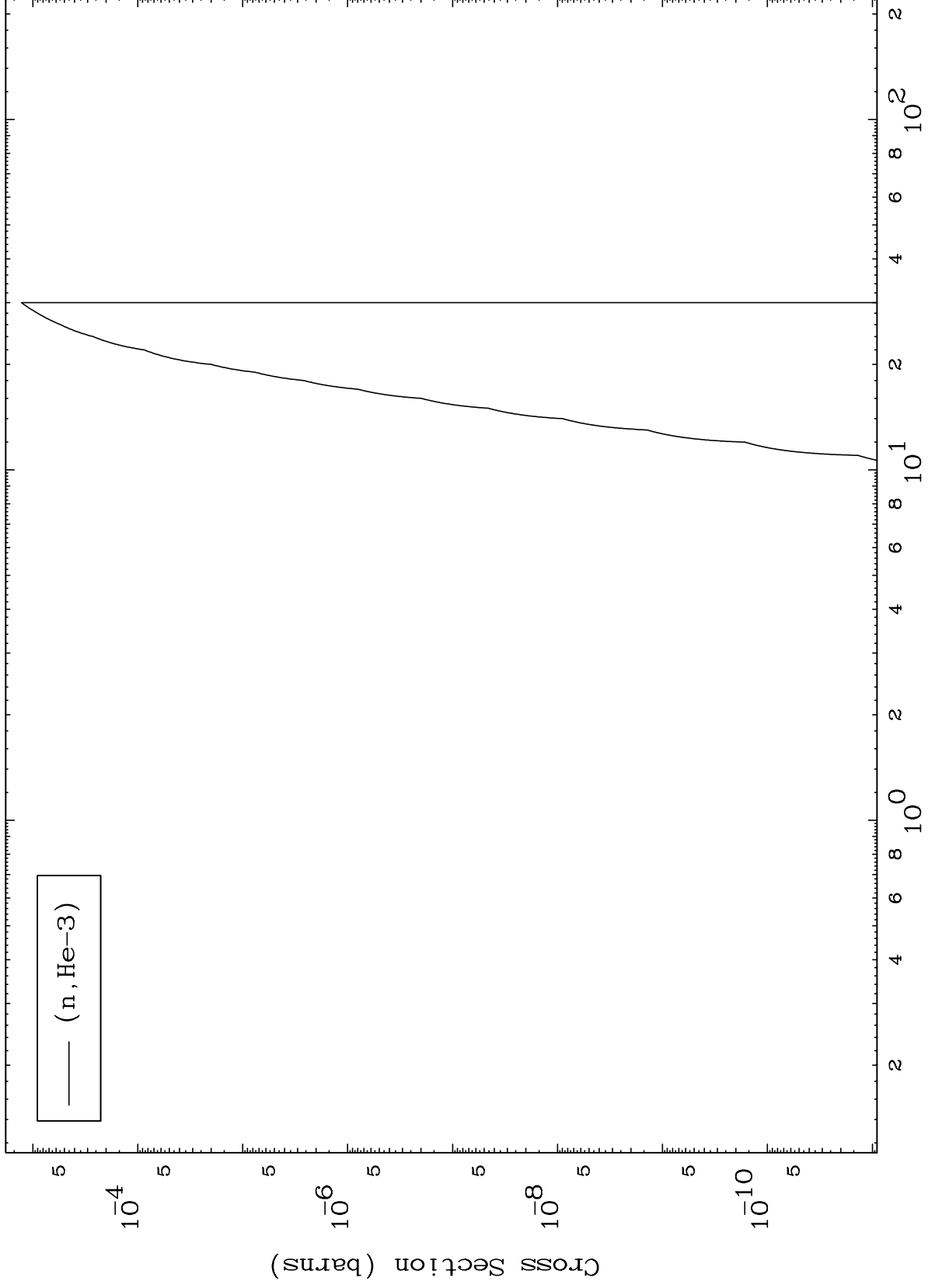
Incident Energy (MeV)

MAT 8201

(d,He3) Levels

82-Pb-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

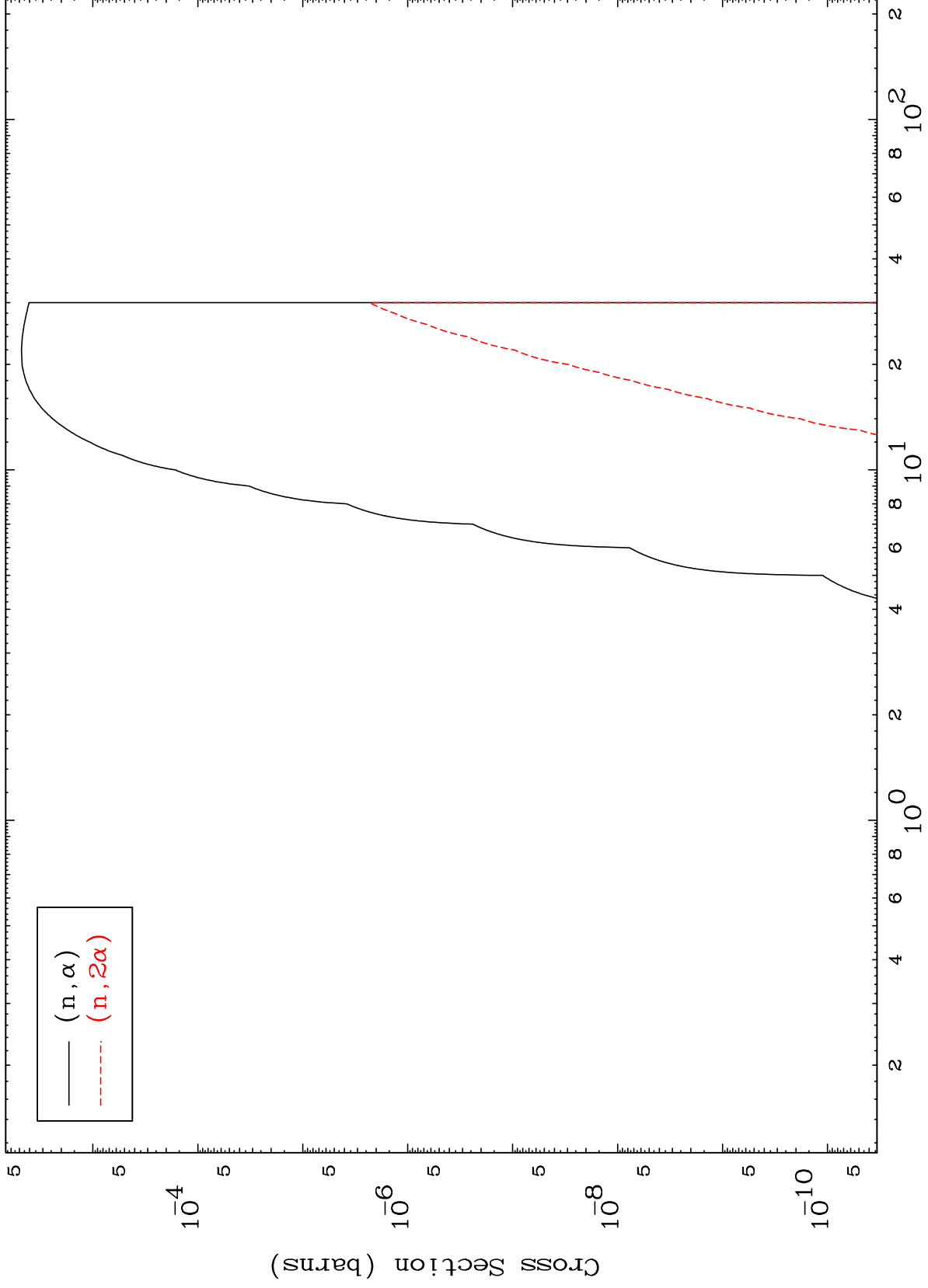
82-Pb-196

MAT 8201

(d, α) Levels

82-Pb-196

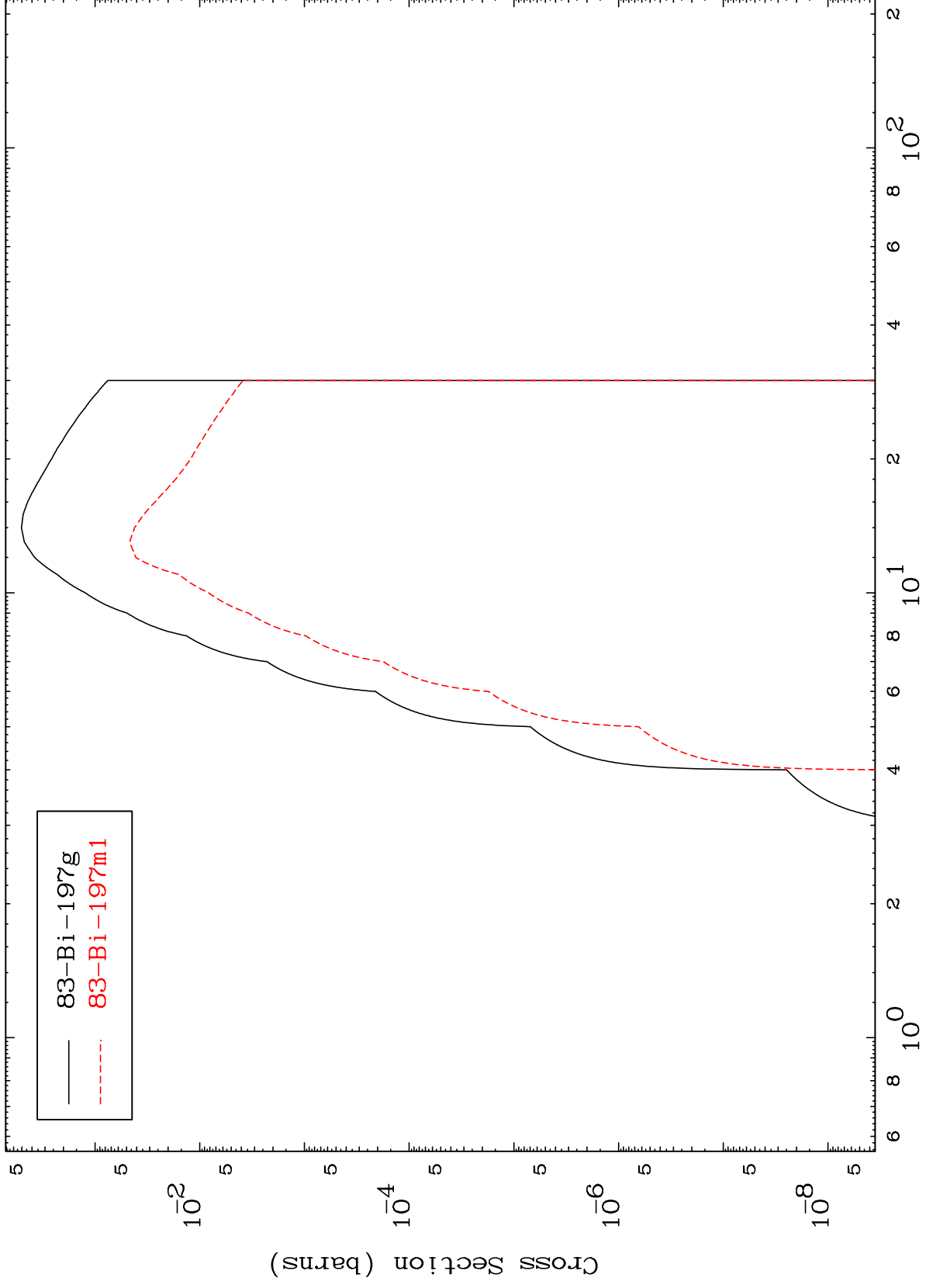
0 Kelvin Cross Sections



MAT 8201

82-Pb-196

Inelastic
Radionuclide Production Cross Section

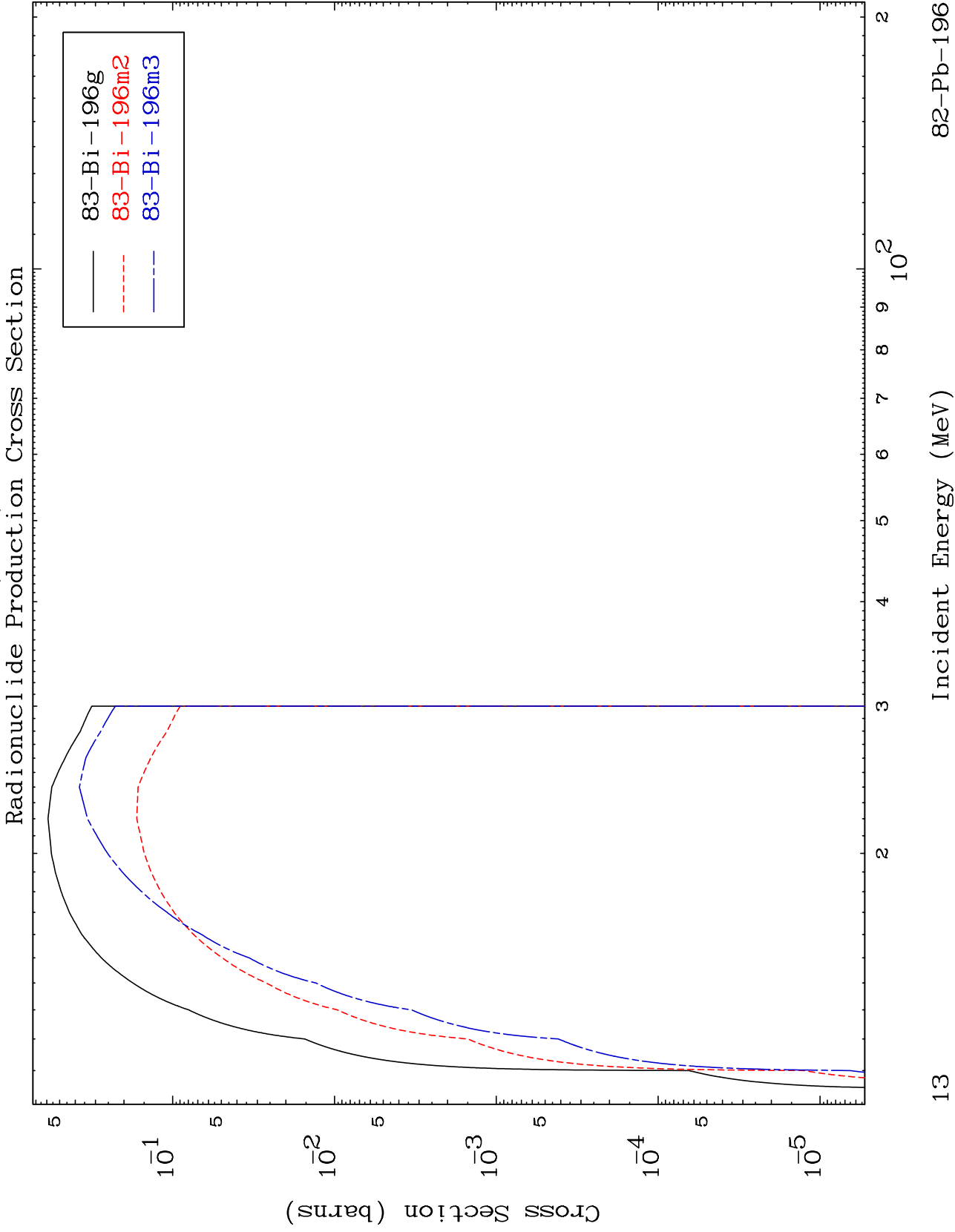


83-Bi-197g
83-Bi-197m1

82-Pb-196

Incident Energy (MeV)

12

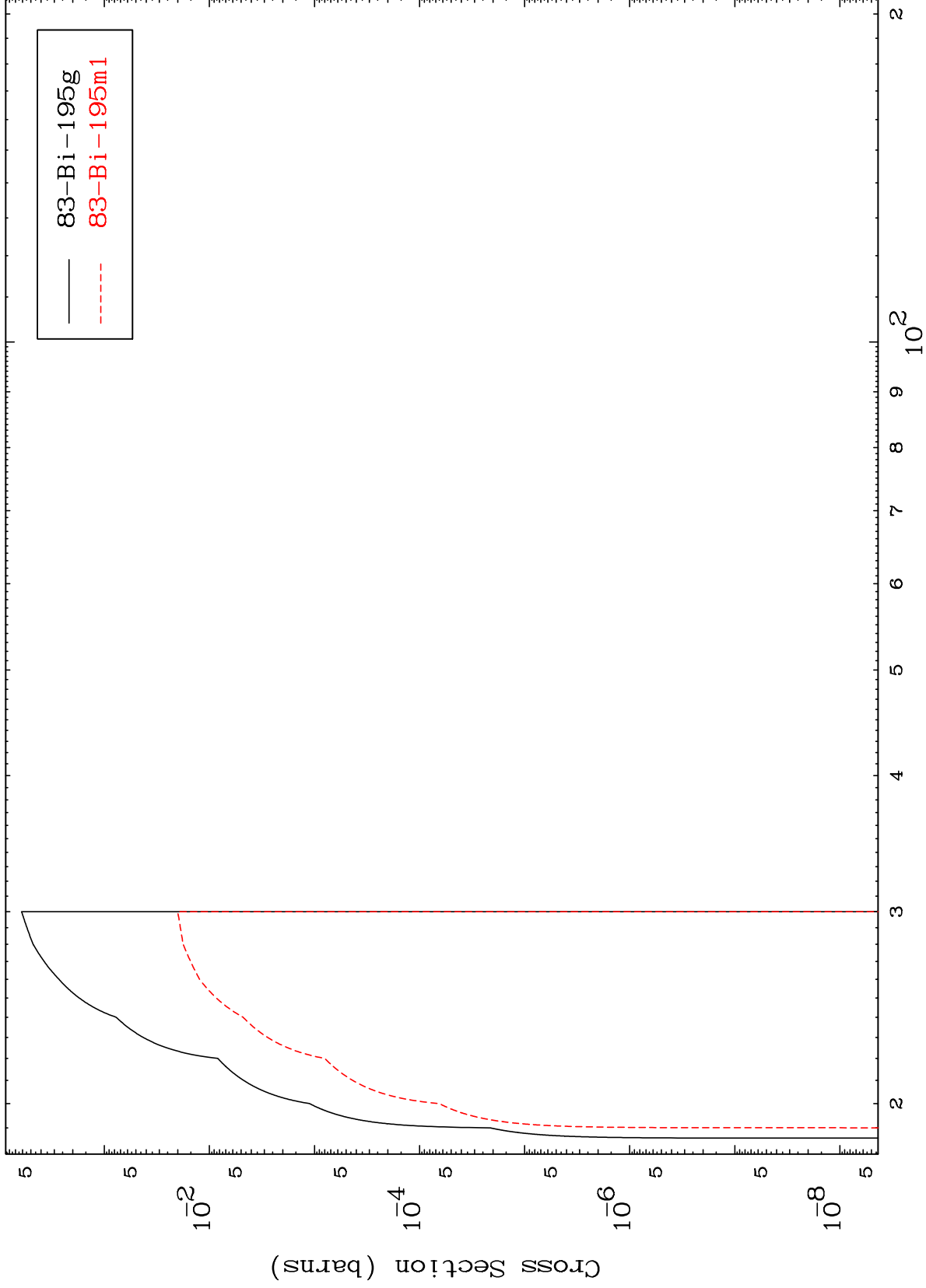


MAT 8201

(n,3n)

82-Pb-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

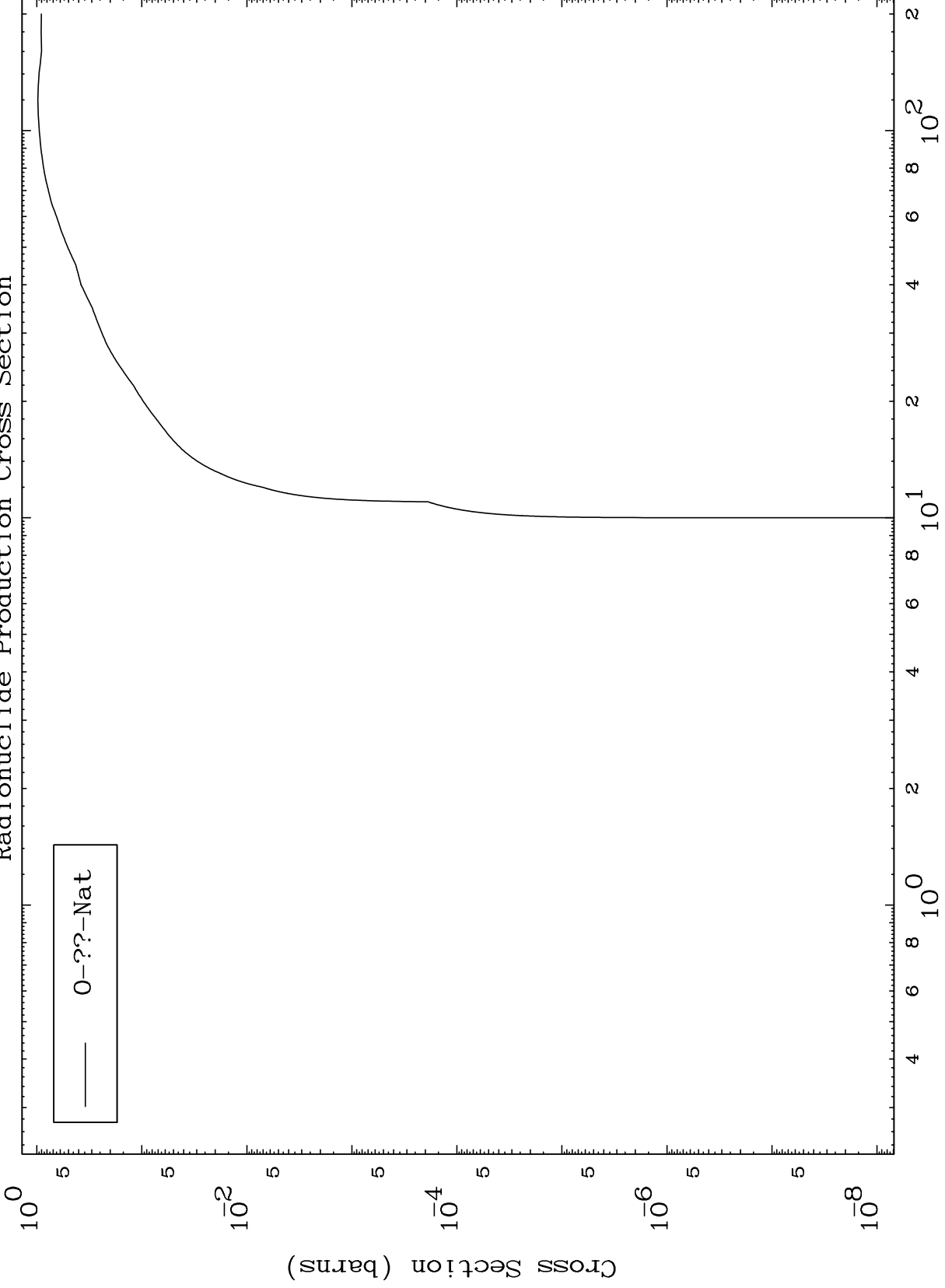
82-Pb-196

MAT 8201

Fission

82-Pb-196

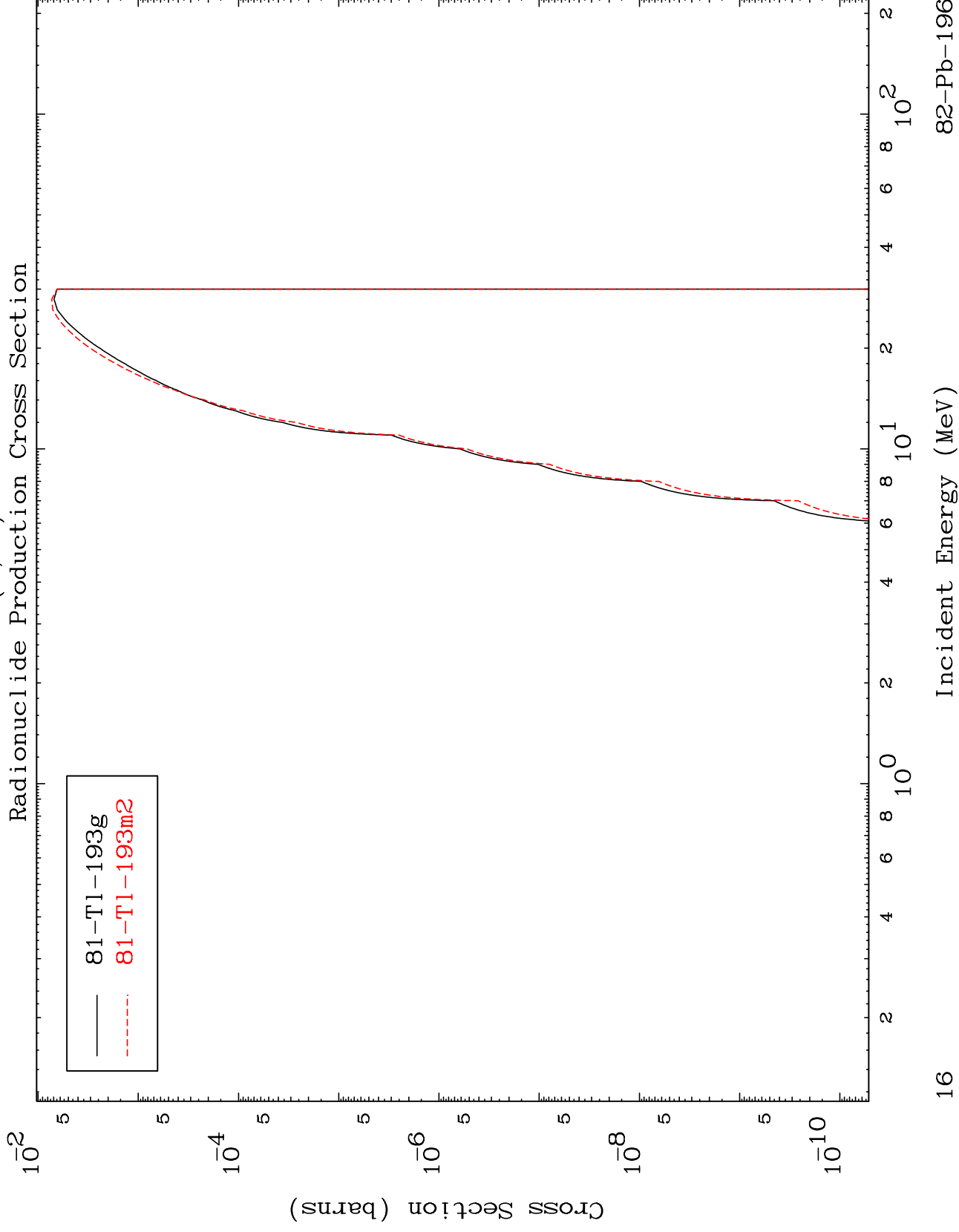
Radionuclide Production Cross Section



MAT 8201

$(n, n') \alpha$

82-Pb-196

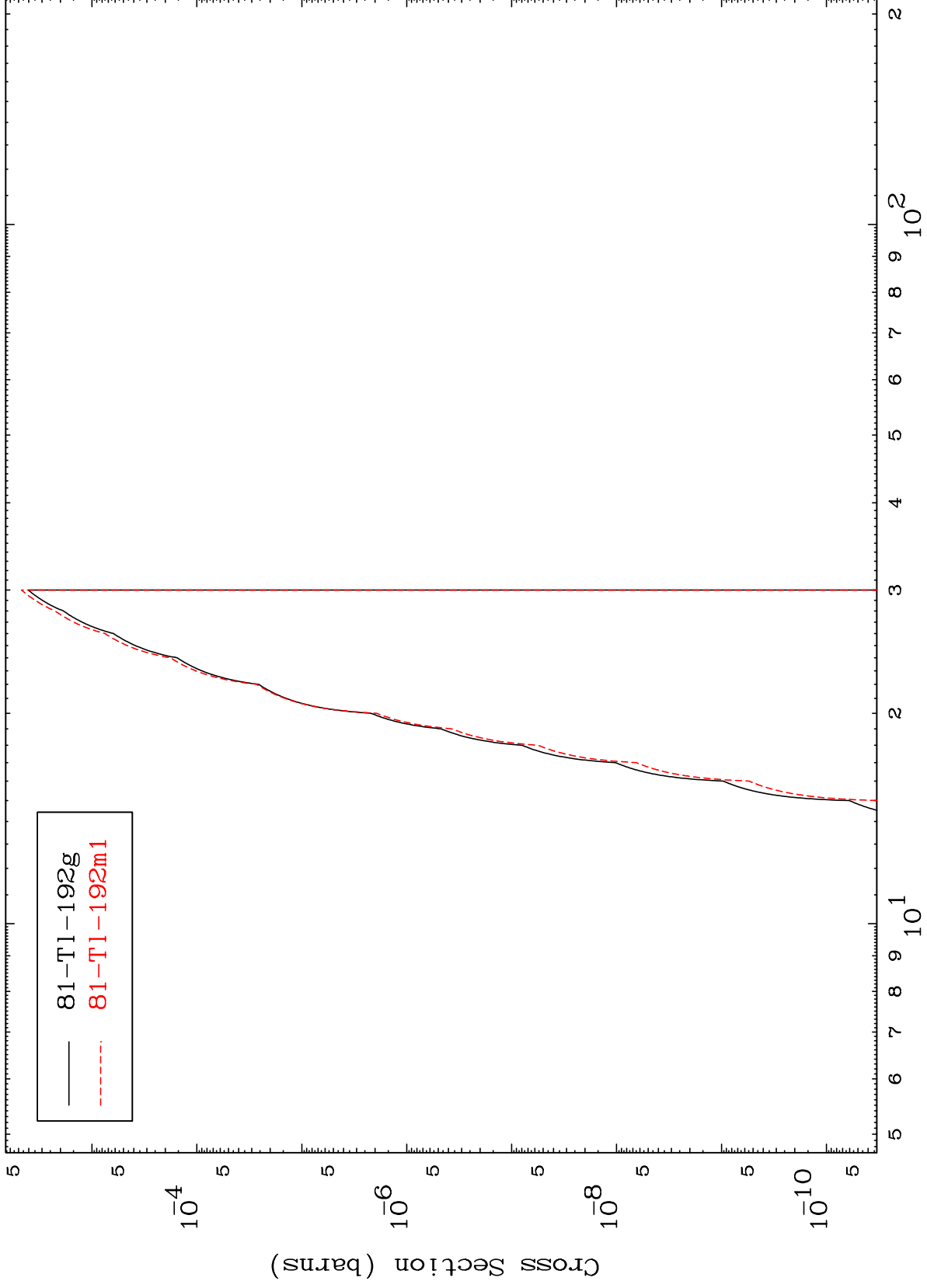


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$(n, 2n) \alpha$

82-Pb-196

Radionuclide Production Cross Section

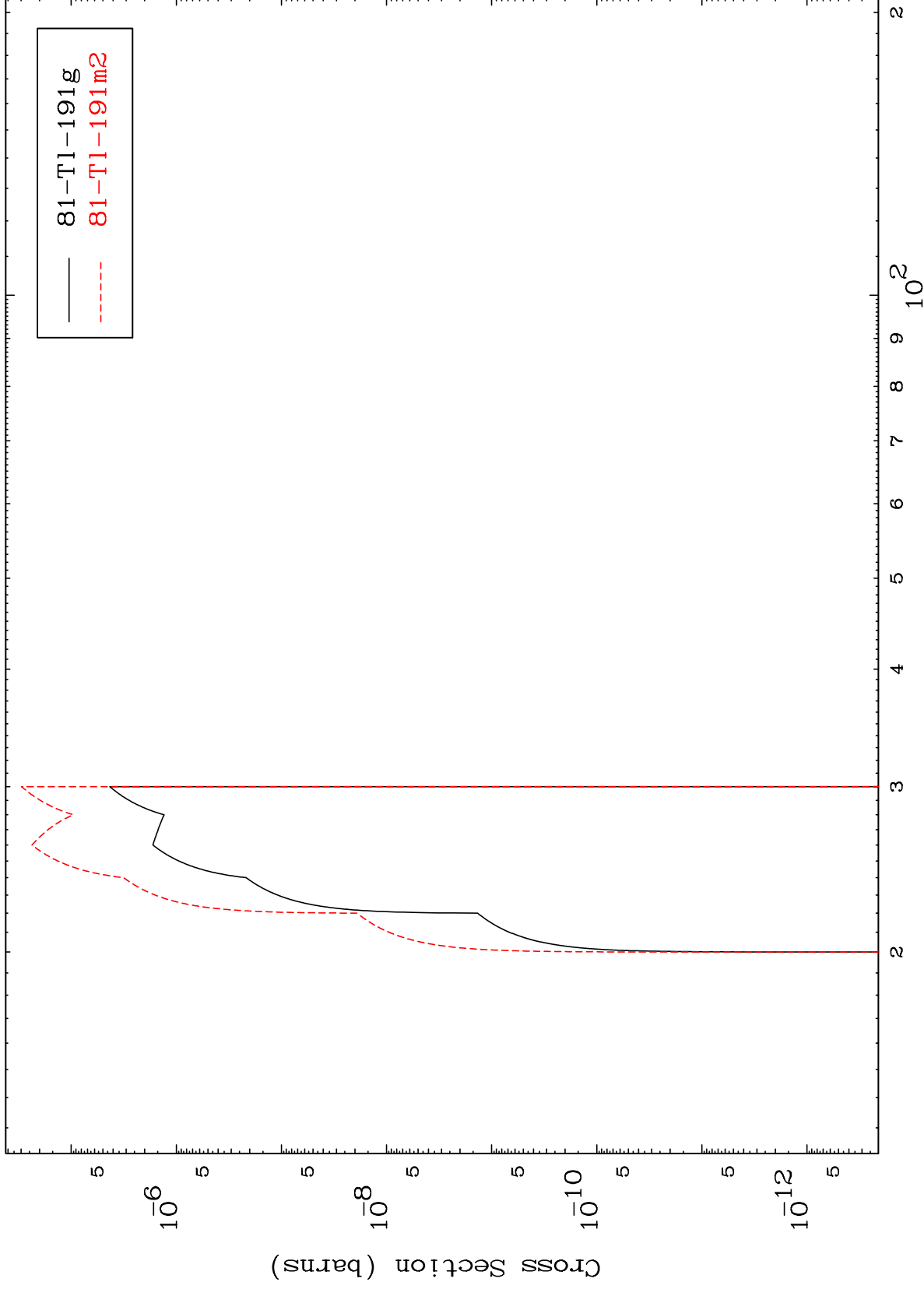


17

Incident Energy (MeV)

82-Pb-196

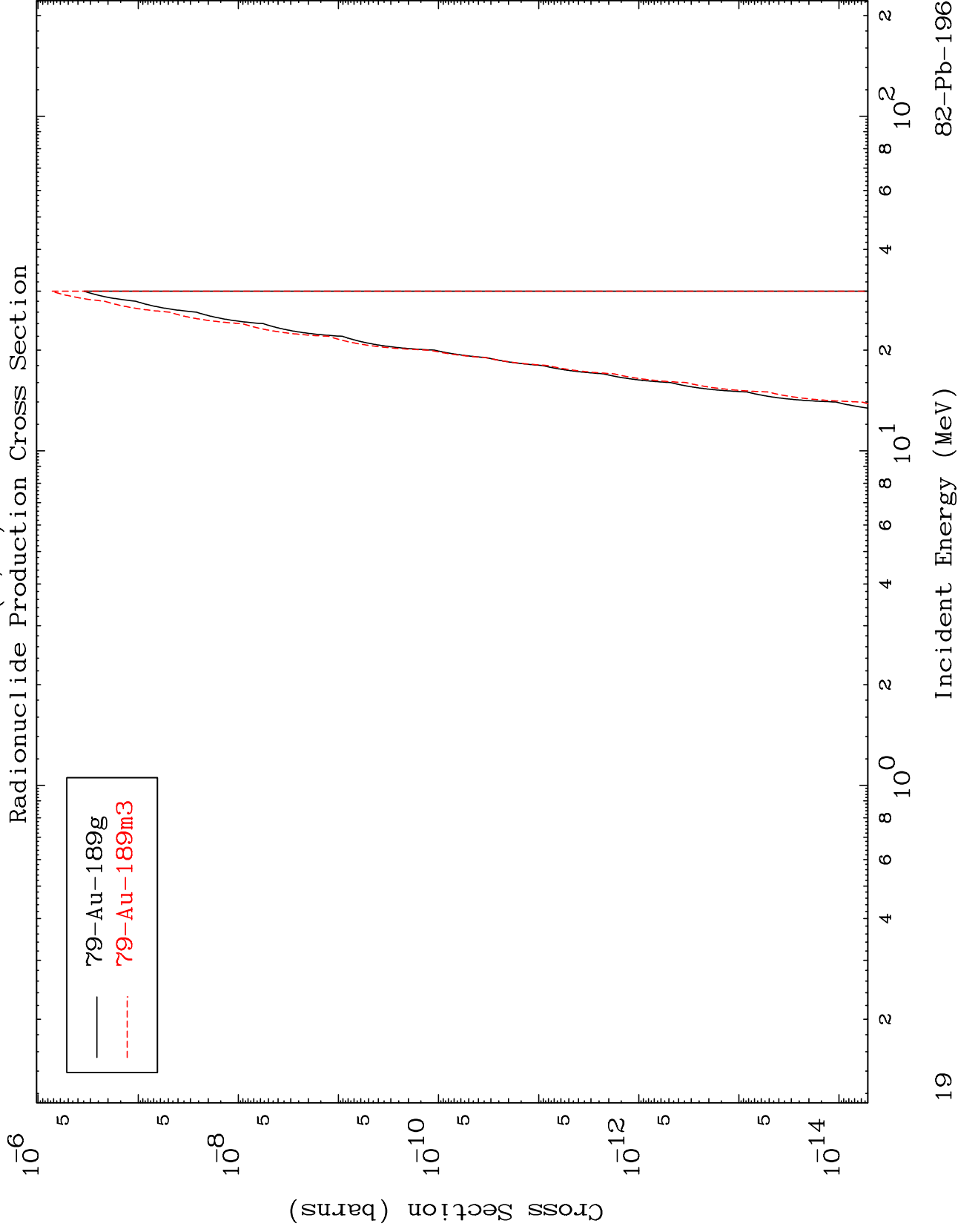
Radionuclide Production Cross Section



MAT 8201

(n,n') 2 α

82-Pb-196

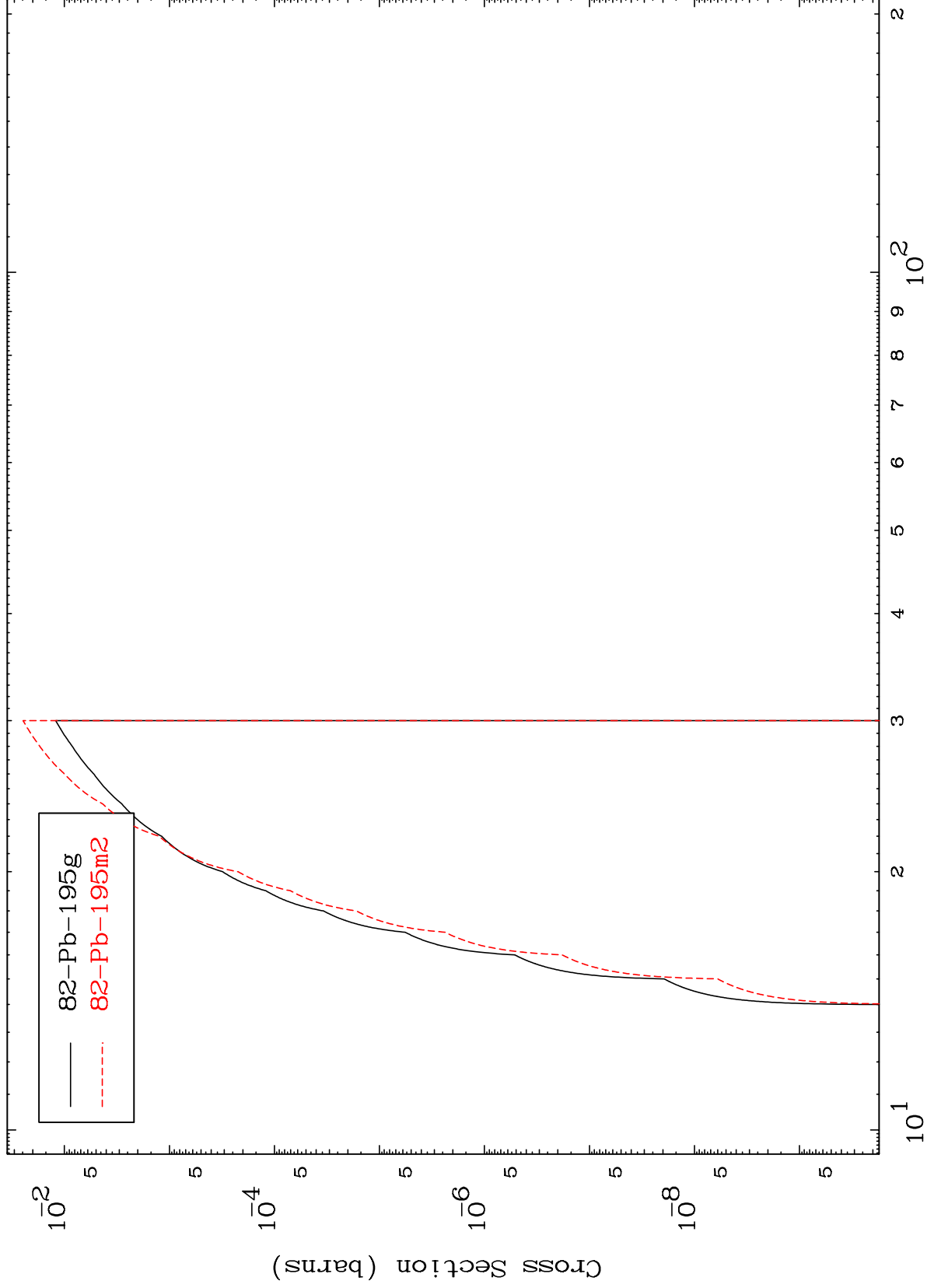


MAT 8201

(n,n') d

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

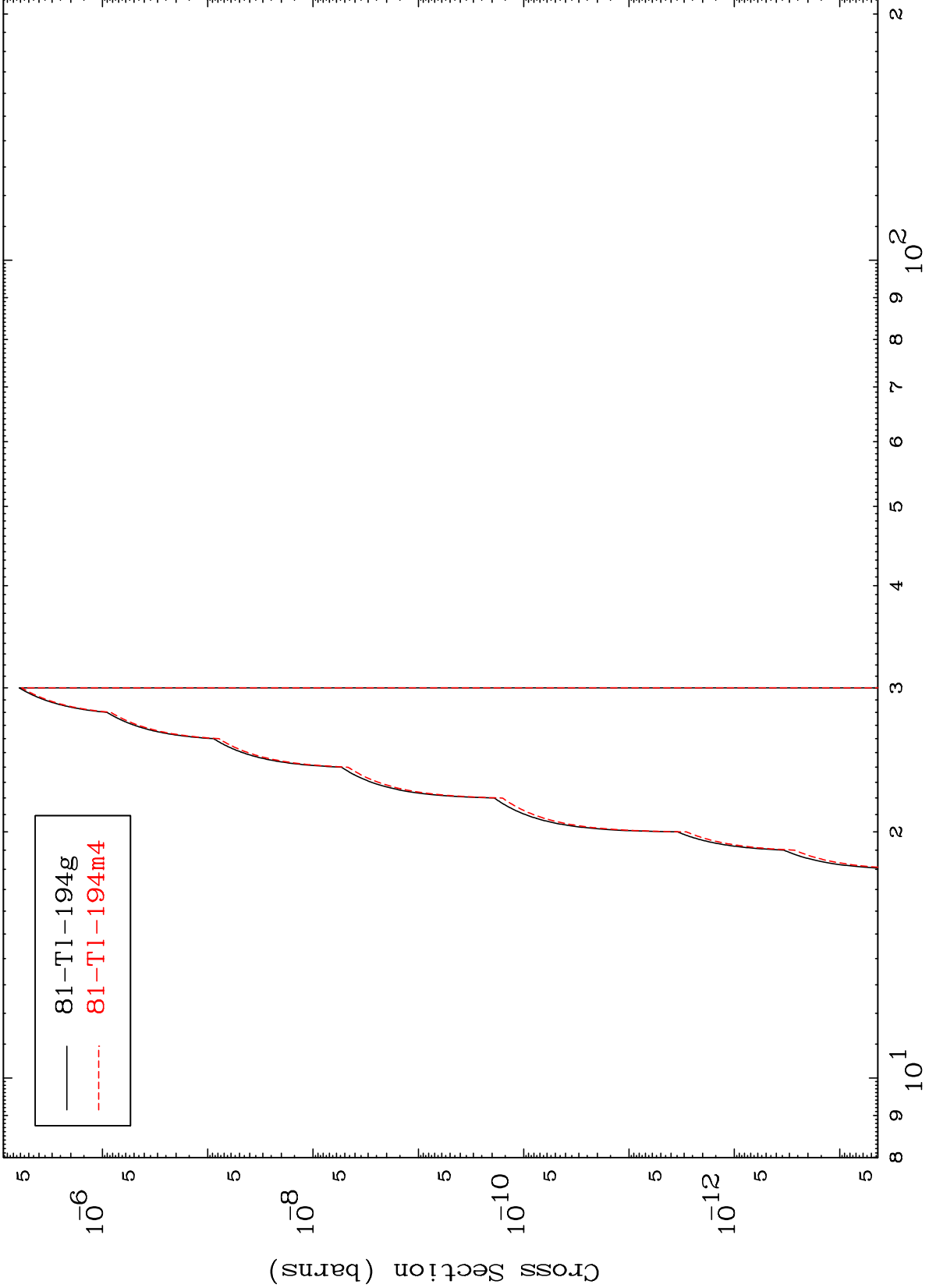
82-Pb-196

MAT 8201

(n,n') He-3

82-Pb-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

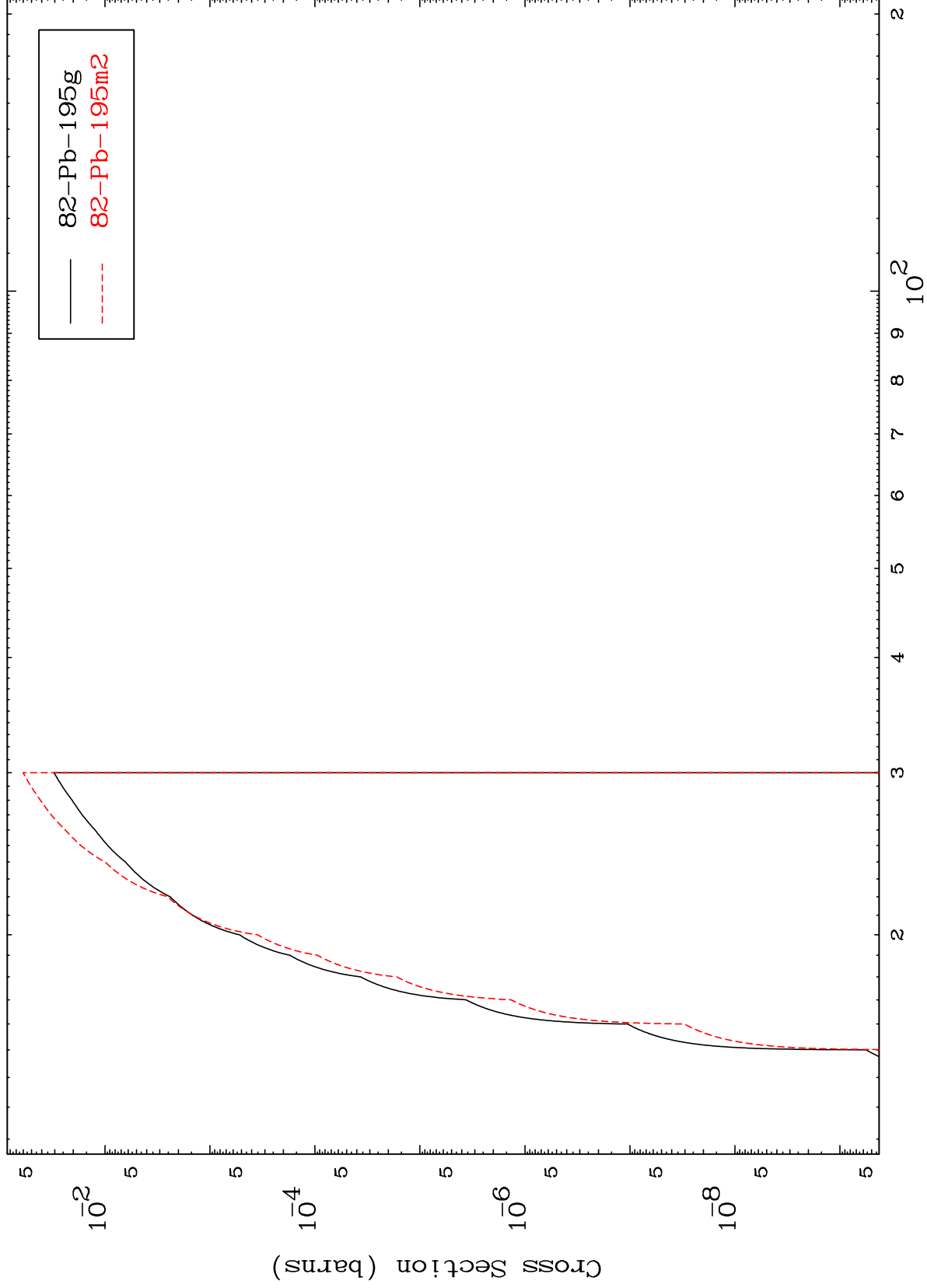
82-Pb-196

MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

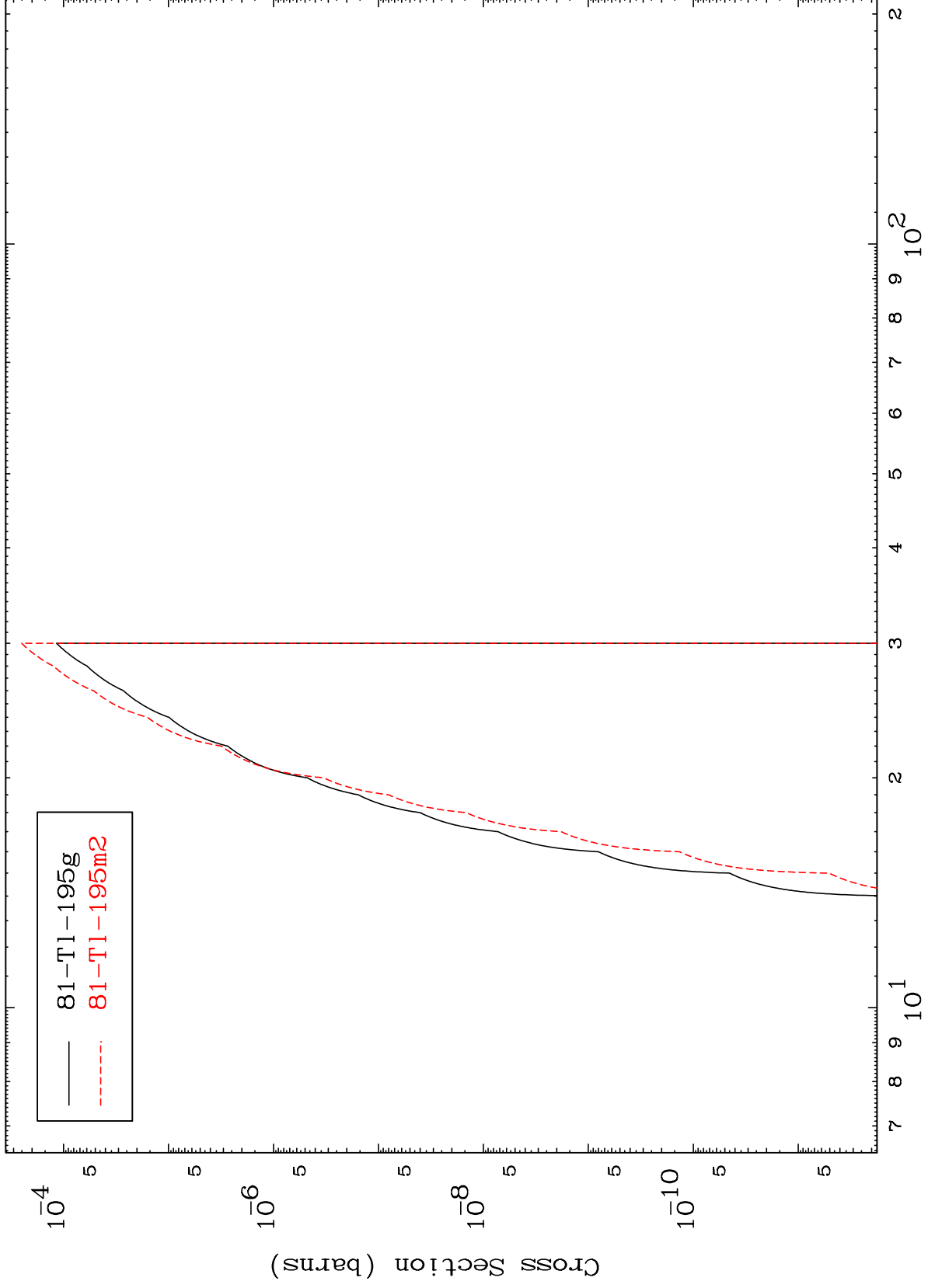
82-Pb-196

MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



23

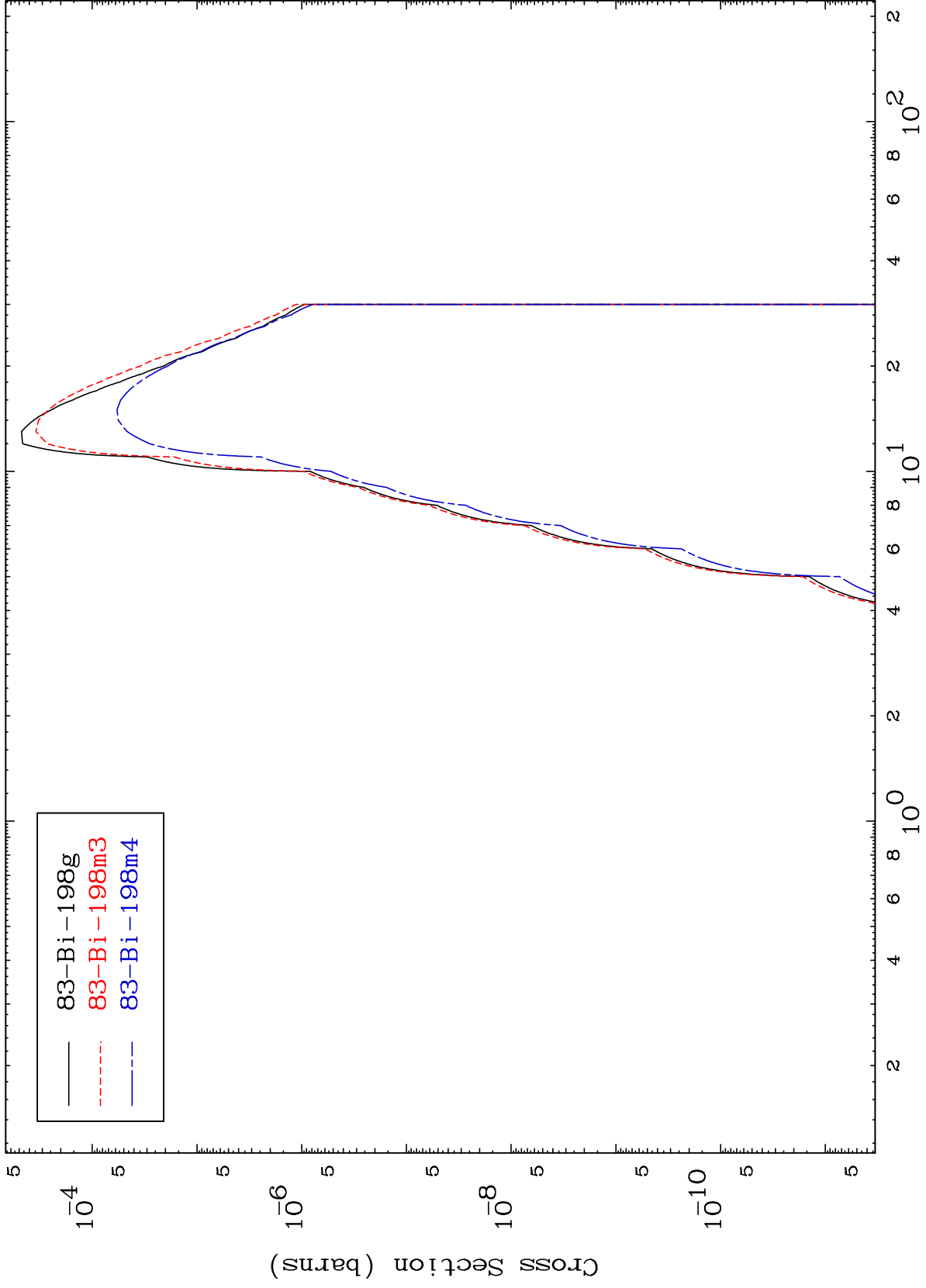
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n, γ)
Radionuclide Production Cross Section



24

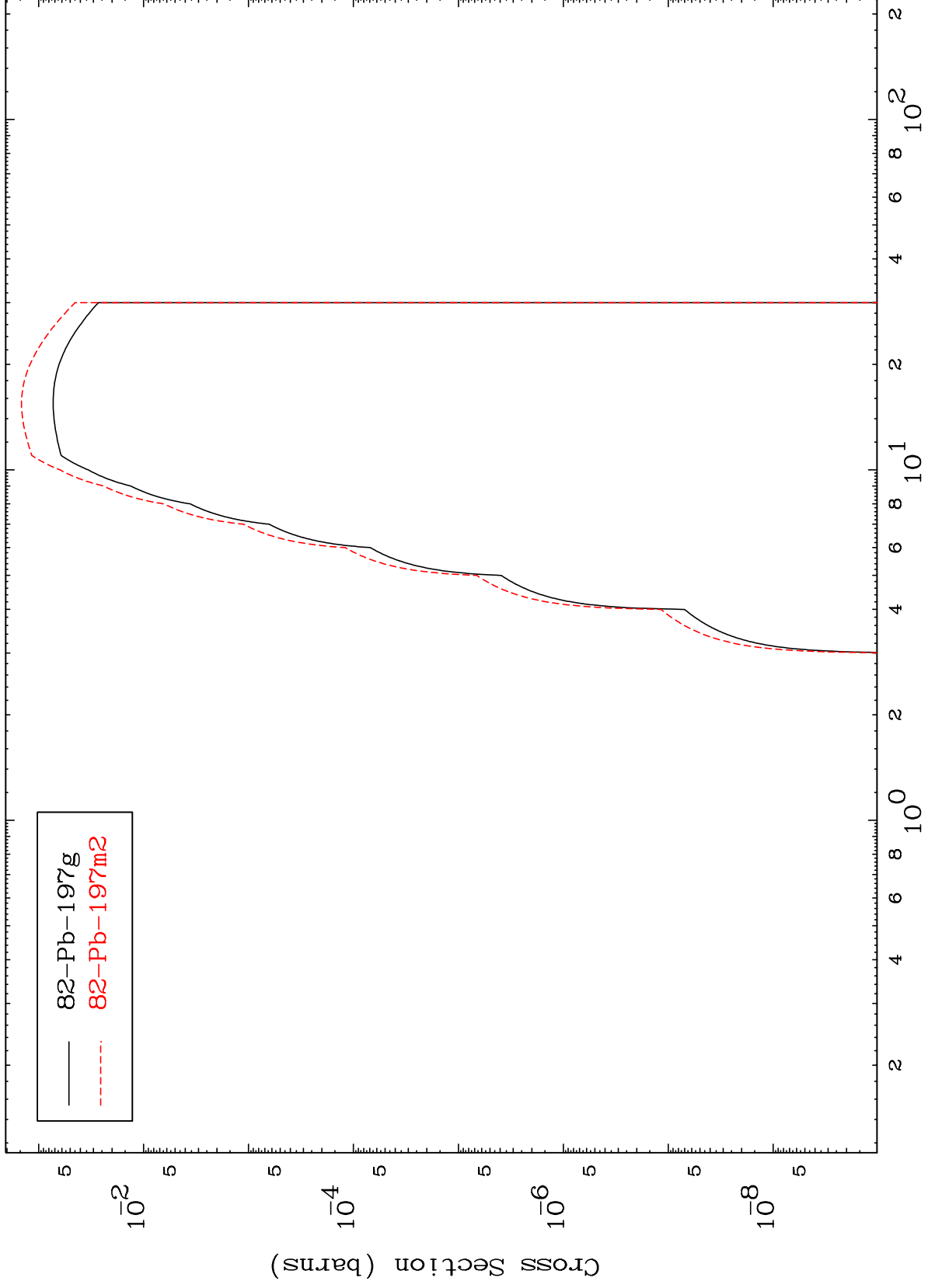
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n,p)
Radionuclide Production Cross Section



25

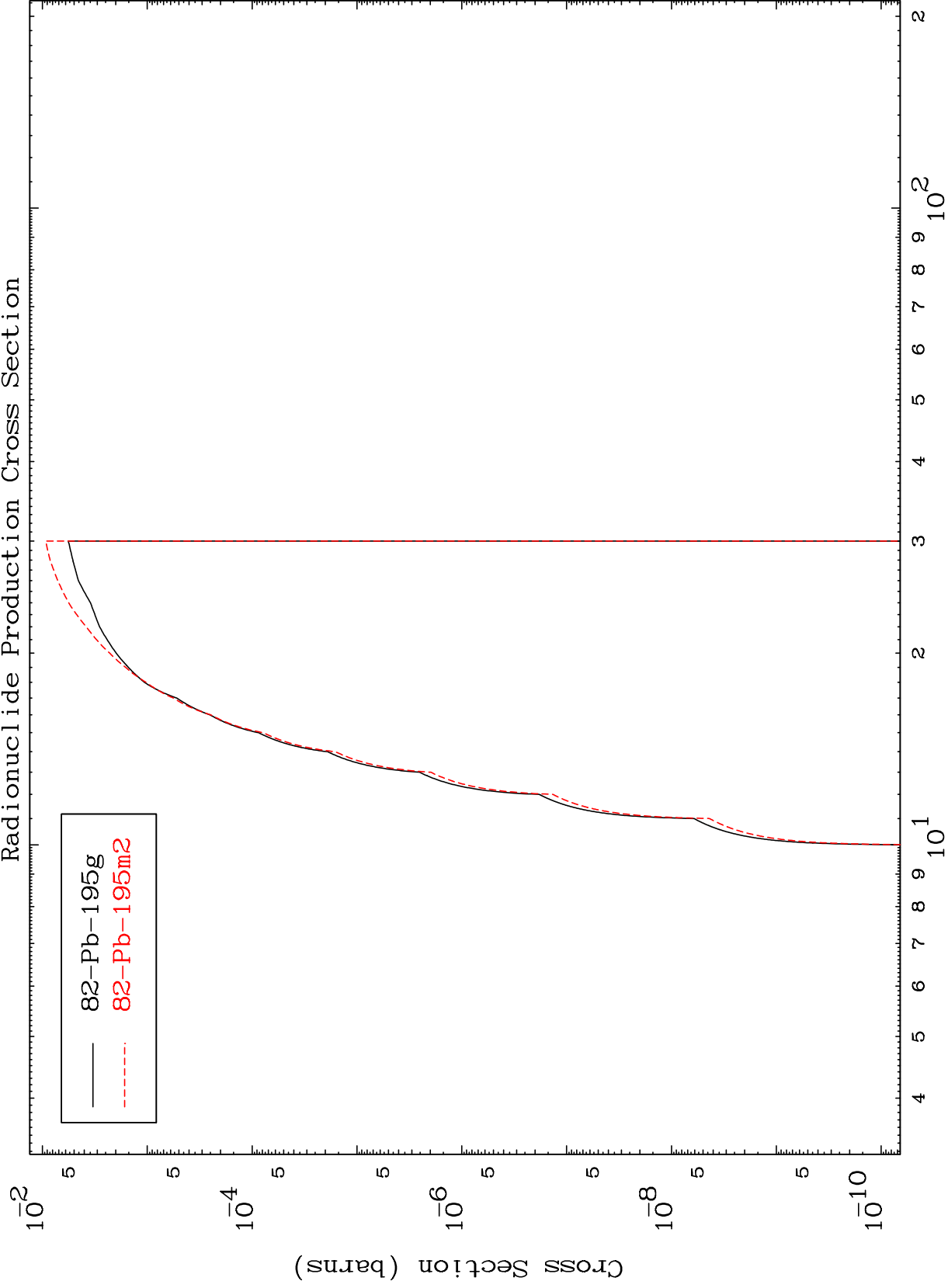
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

Radionuclide Production Cross Section
(n, t)



26

Incident Energy (MeV)

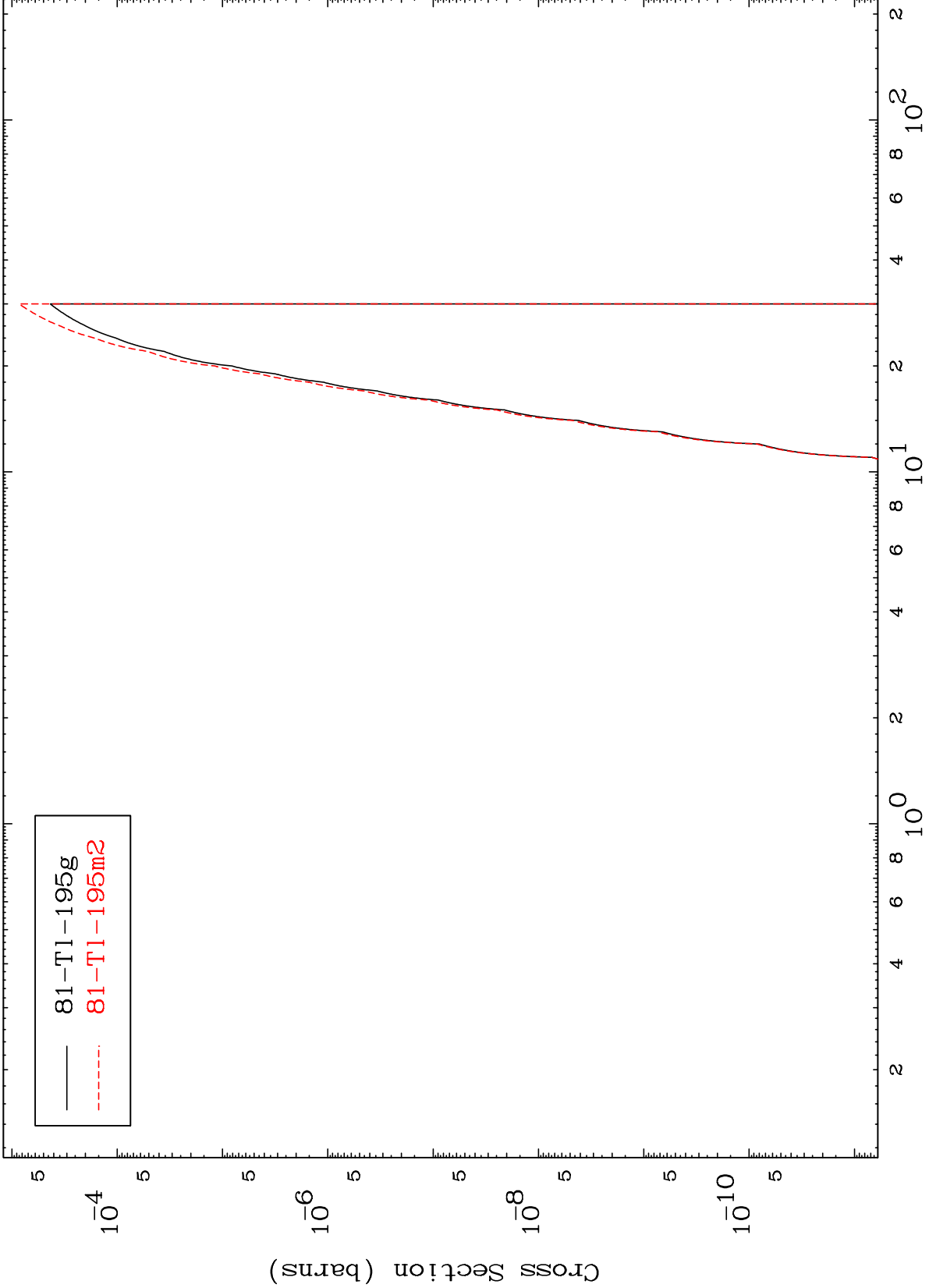
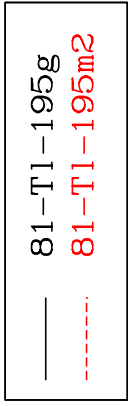
82-Pb-196

MAT 8201

(n,He-3)

82-Pb-196

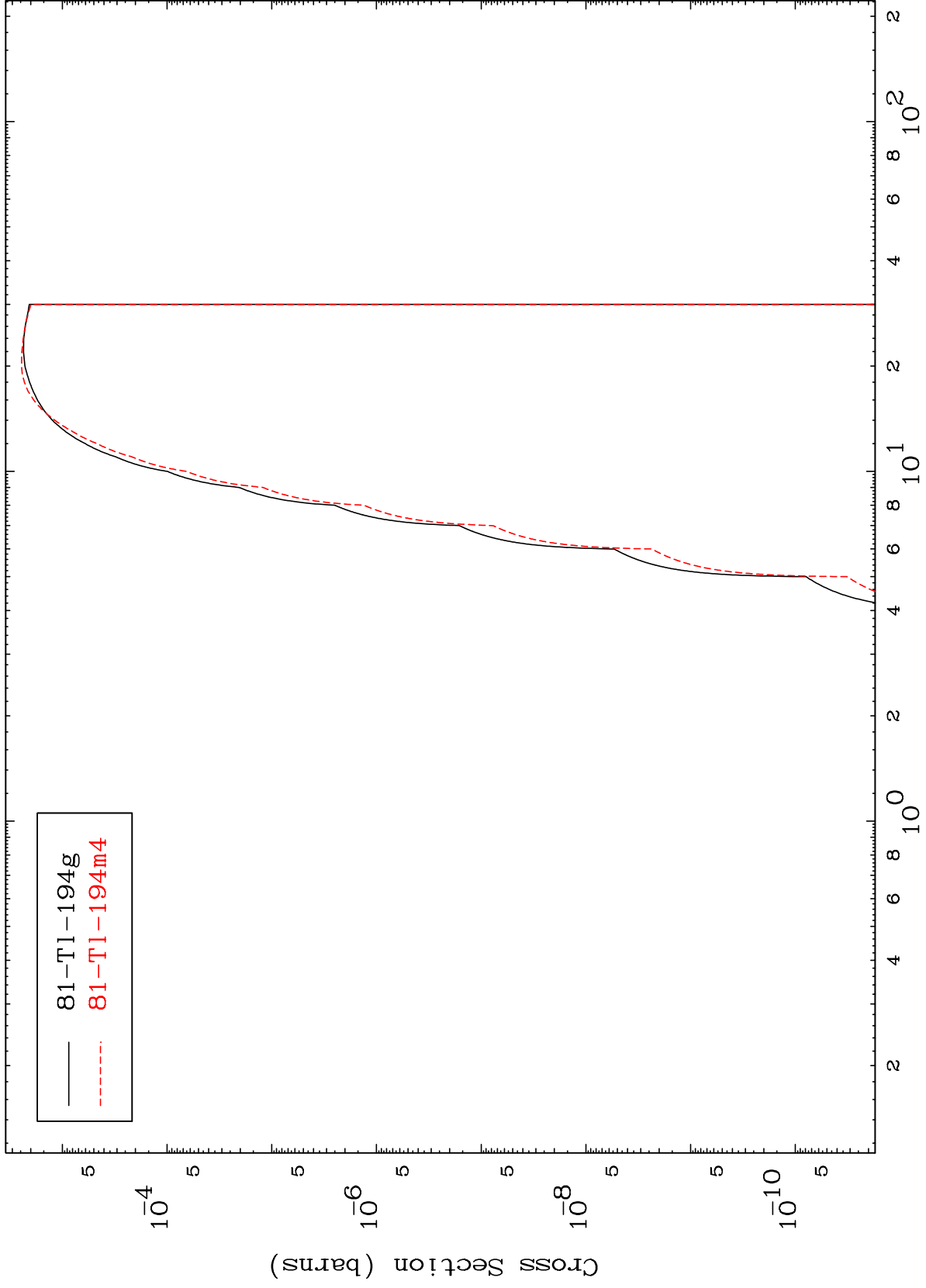
Radionuclide Production Cross Section



MAT 8201

82-Pb-196

(n, α)
Radionuclide Production Cross Section

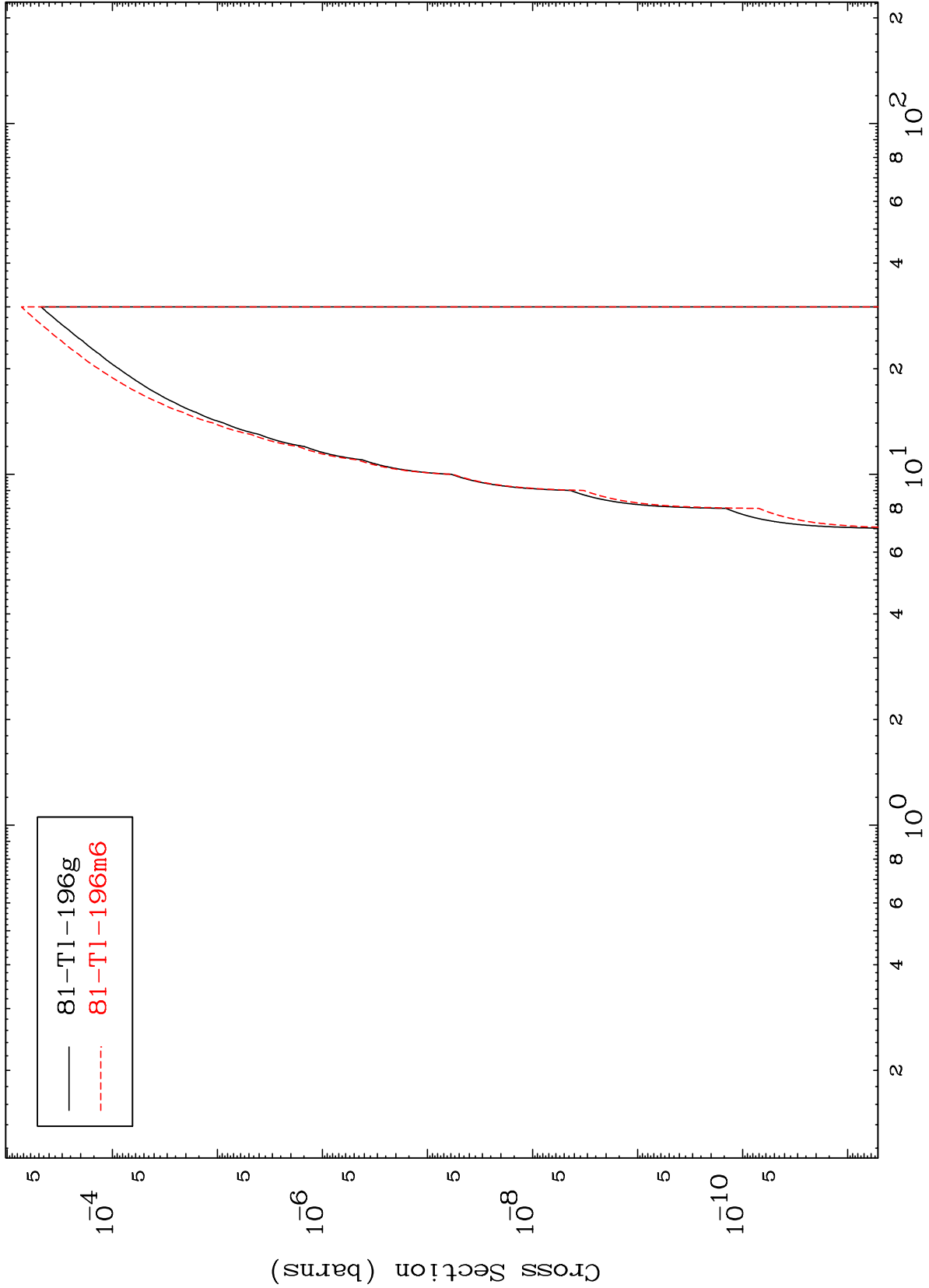


MAT 8201

(n,2p)

82-Pb-196

Radionuclide Production Cross Section

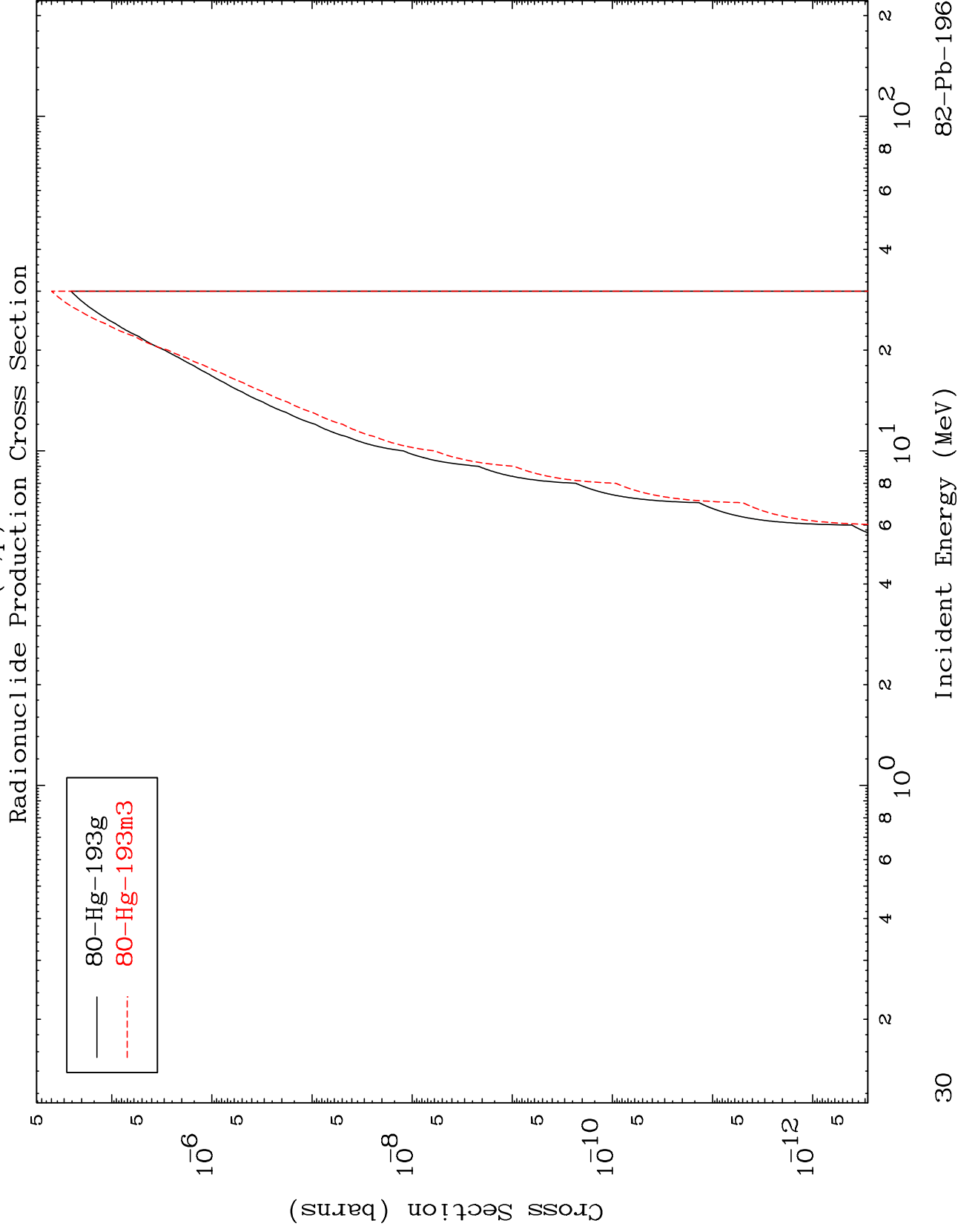


81-Tl-196g
81-Tl-196m6

MAT 8201

(n,p) α

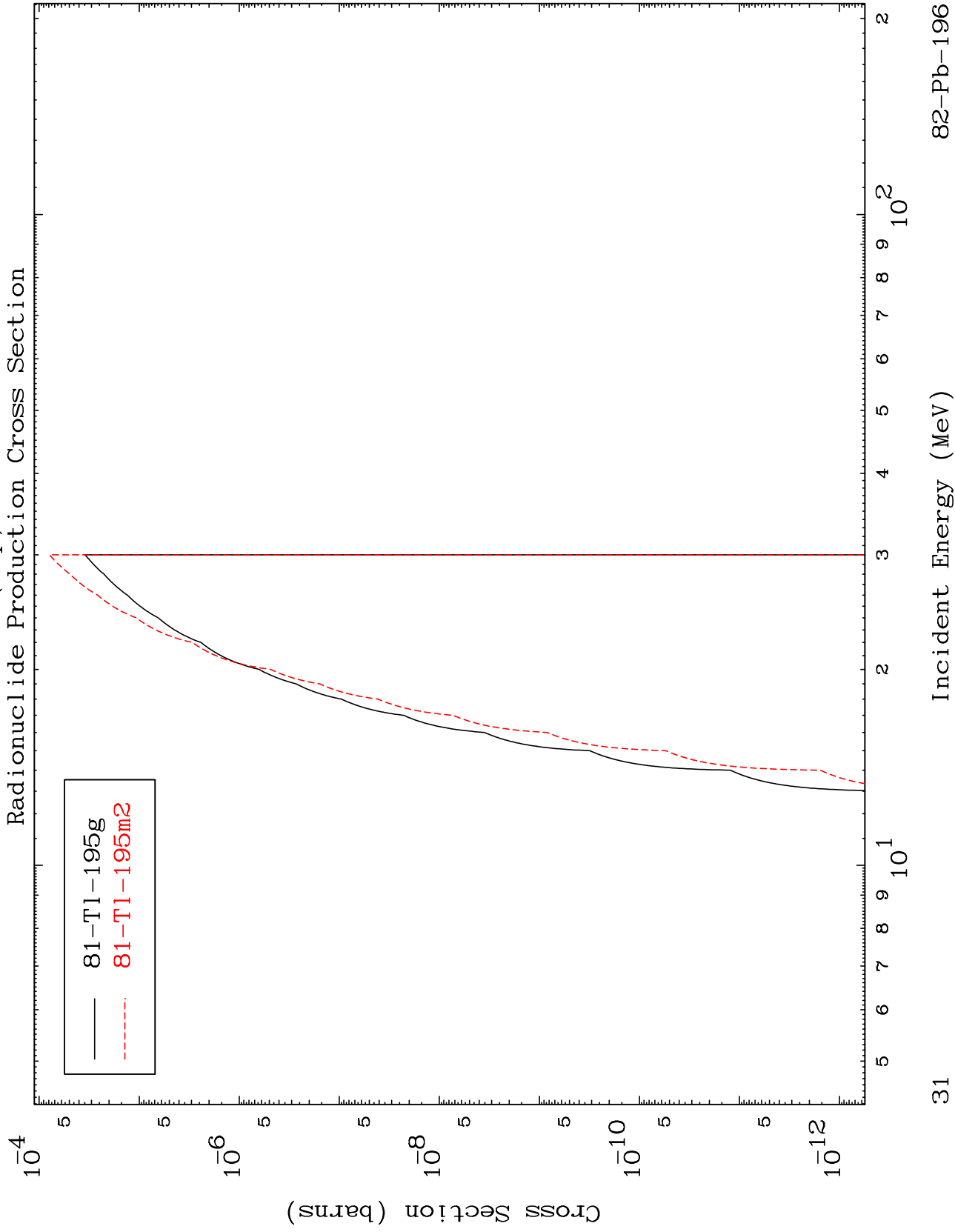
82-Pb-196



MAT 8201

(n,p) d

82-Pb-196



31

Incident Energy (MeV)

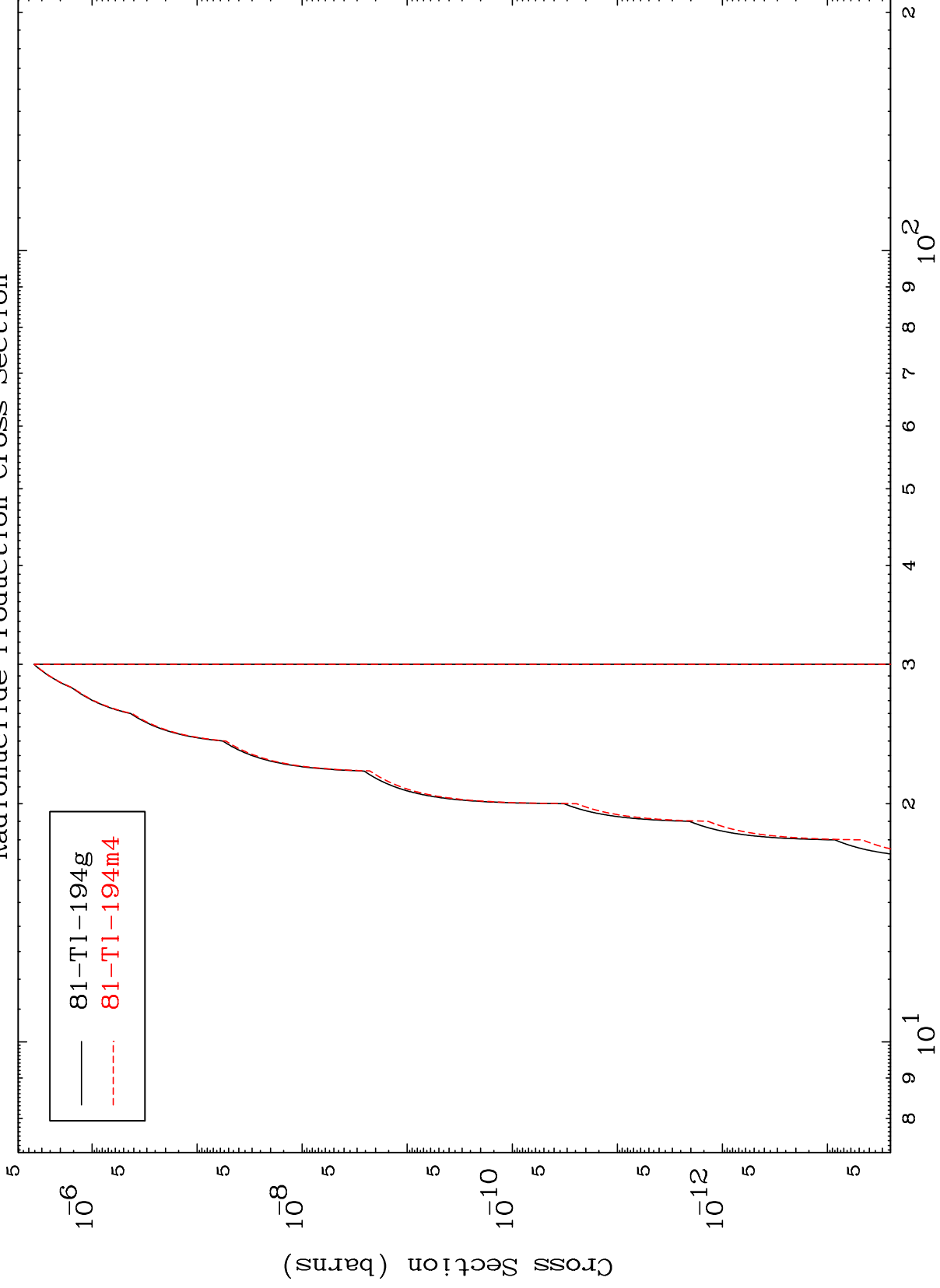
82-Pb-196

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-196