

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

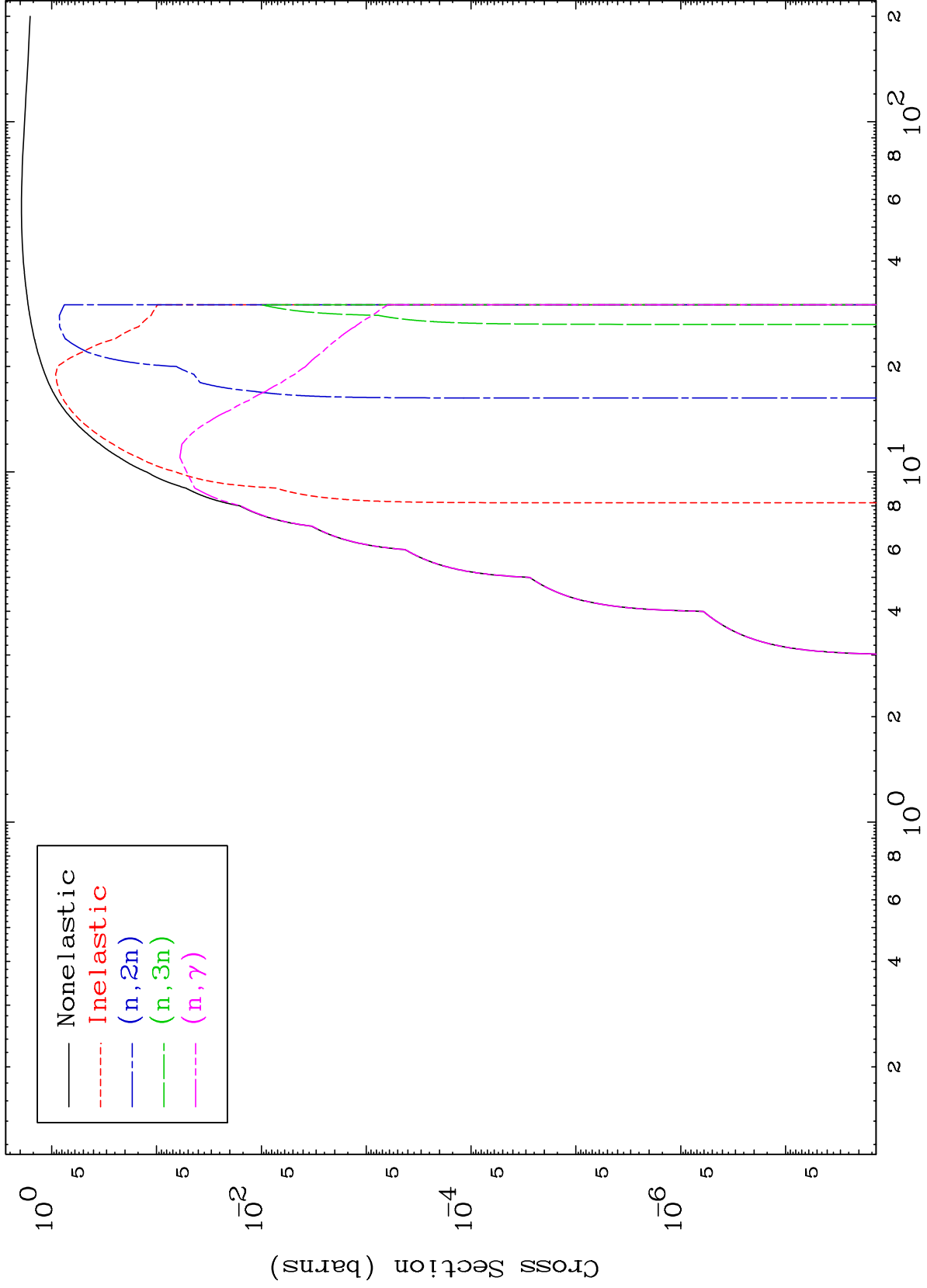
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

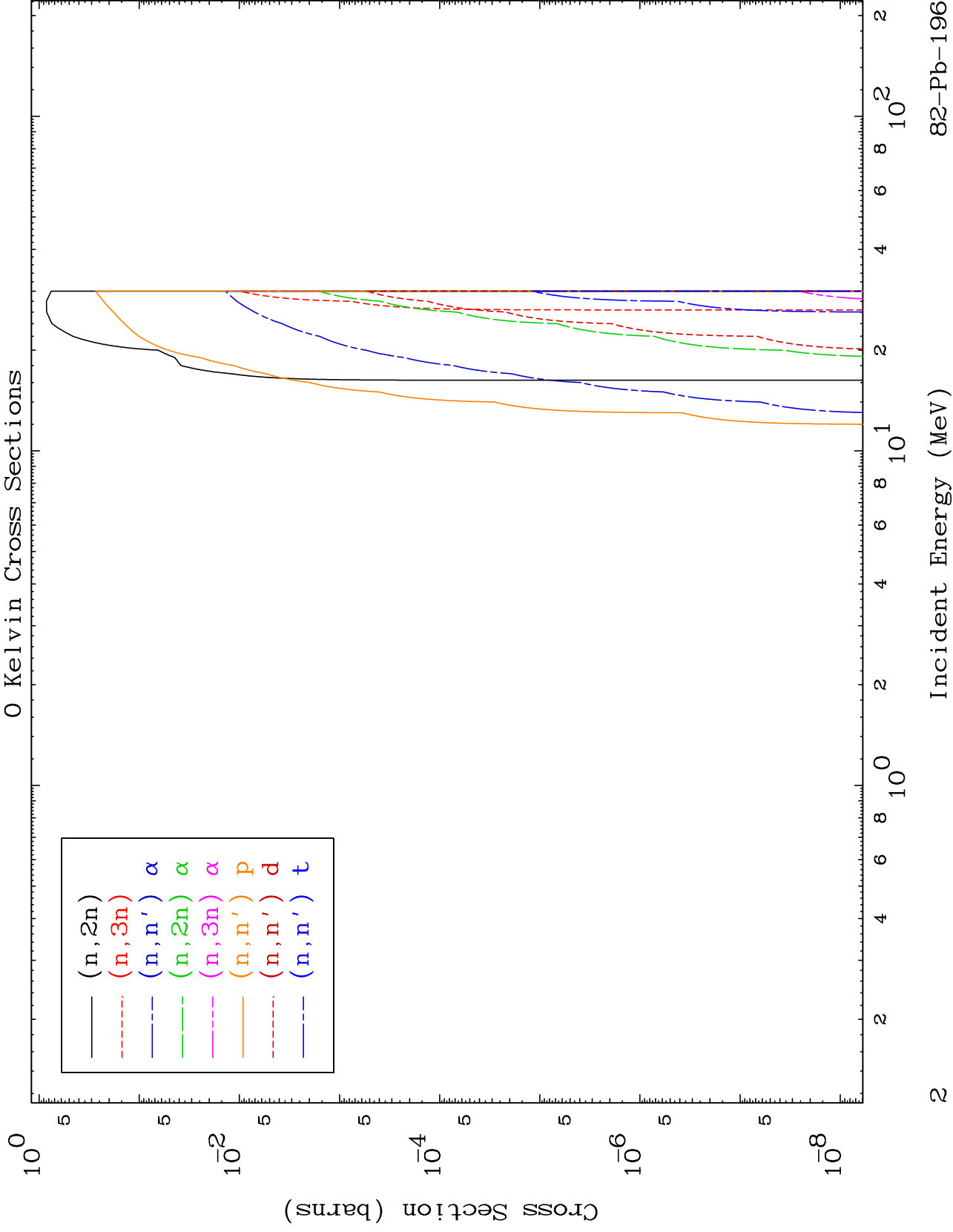
Press Mouse Button to Start

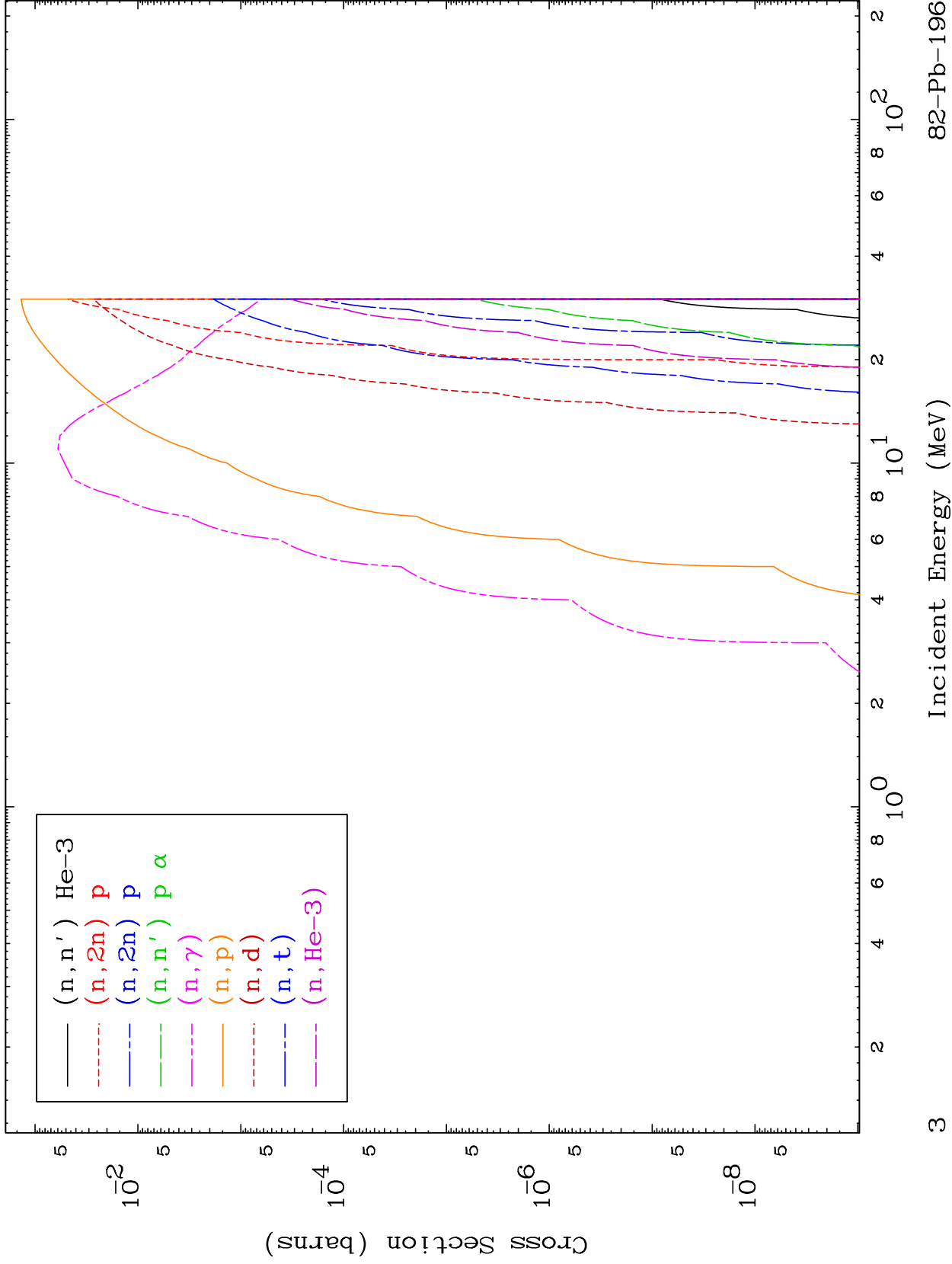


MAT 8201

Proton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-196

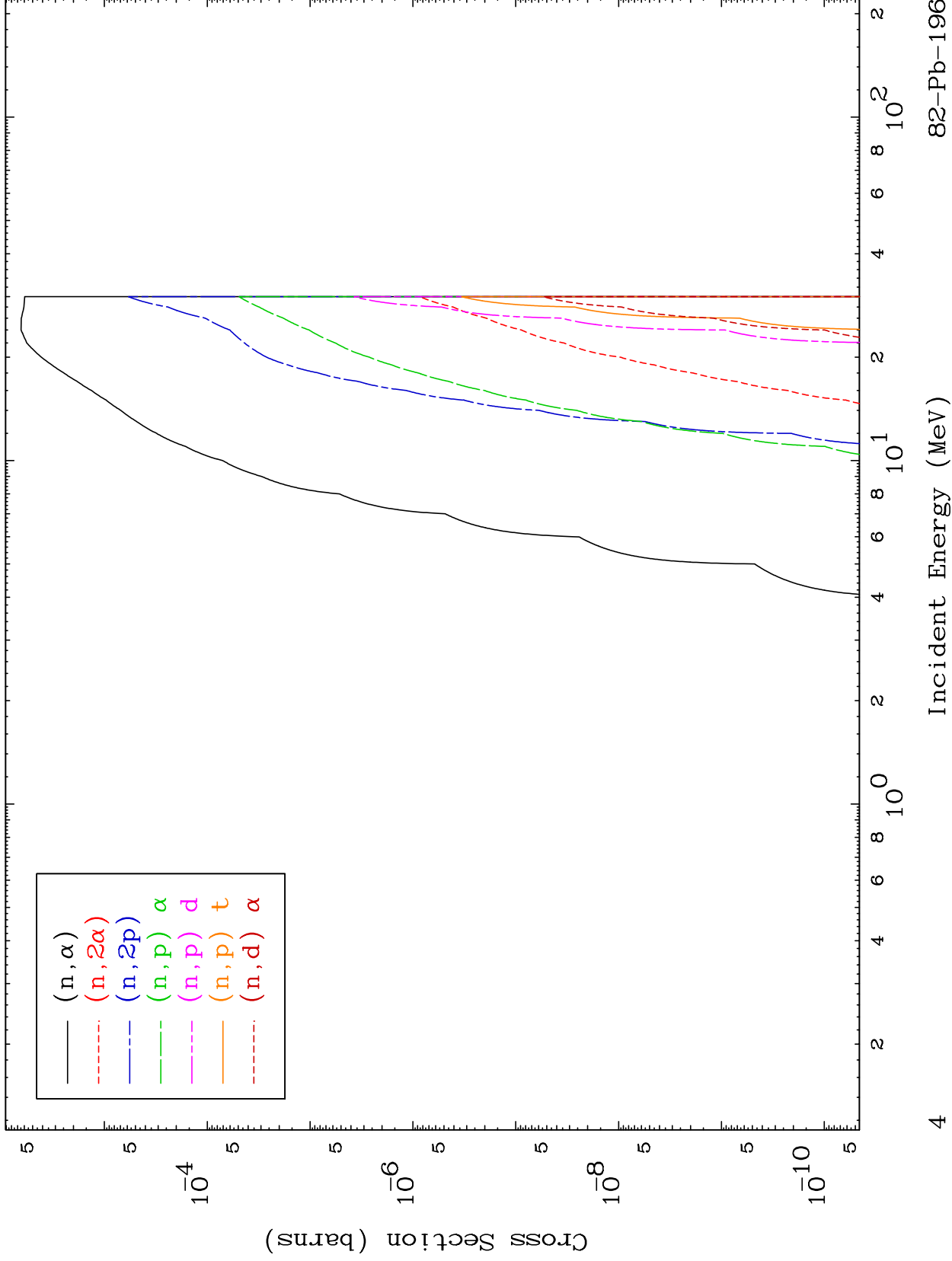




MAT 8201

Proton Neutron Absorption
0 Kelvin Cross Sections

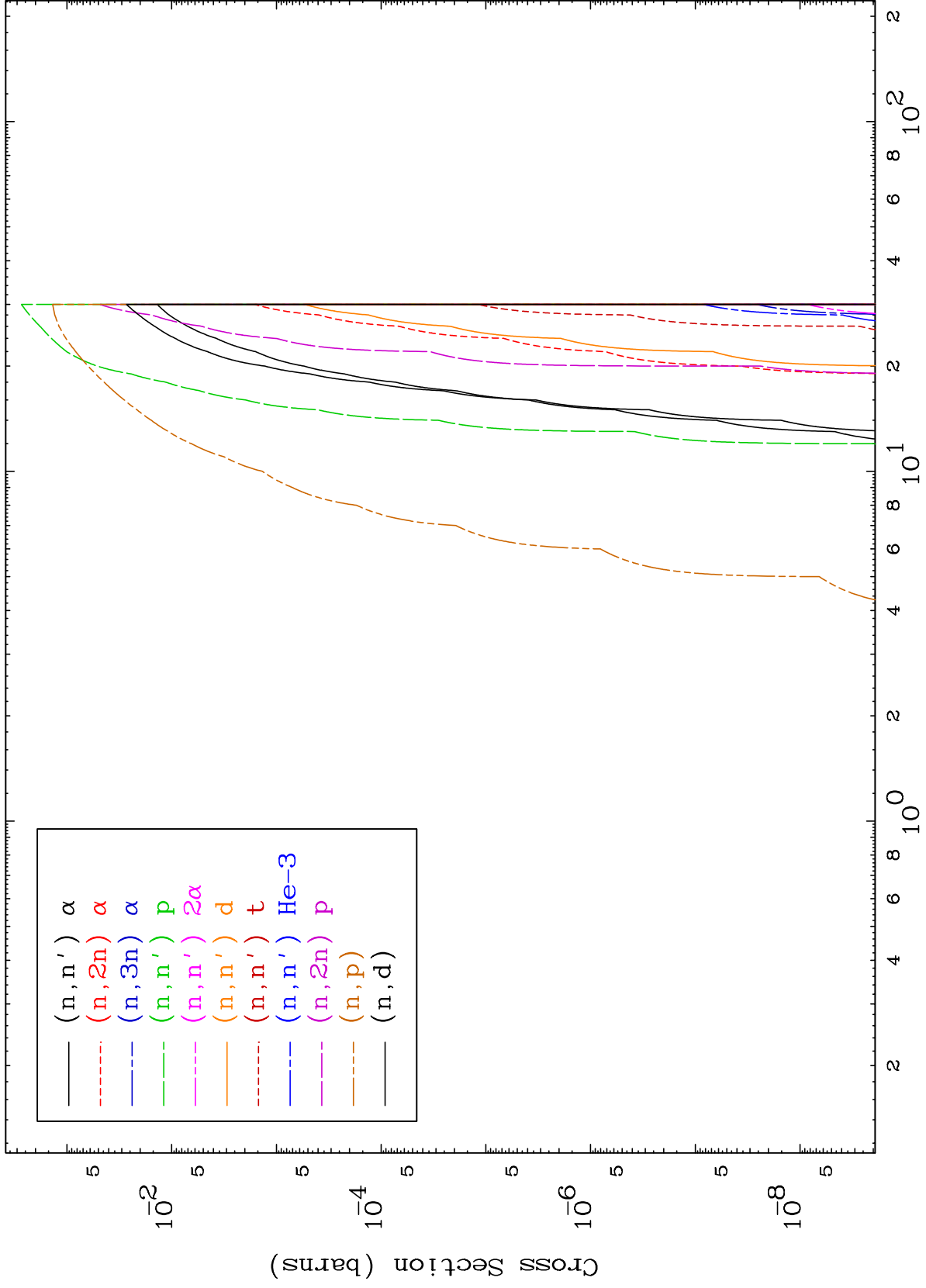
82-Pb-196



MAT 8201

Proton Charged Particle
0 Kelvin Cross Sections

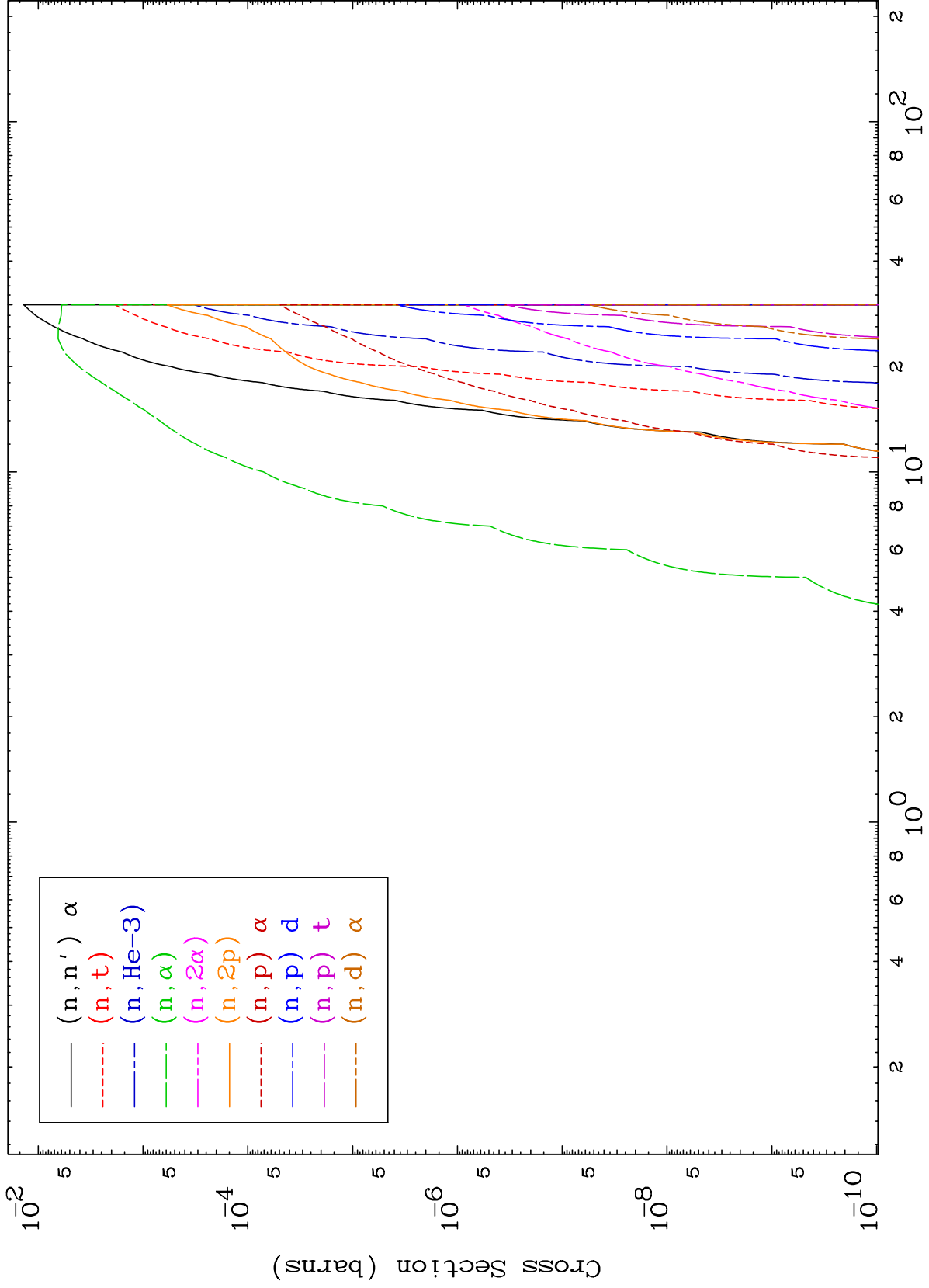
82-Pb-196



MAT 8201

Proton Charged Particle
0 Kelvin Cross Sections

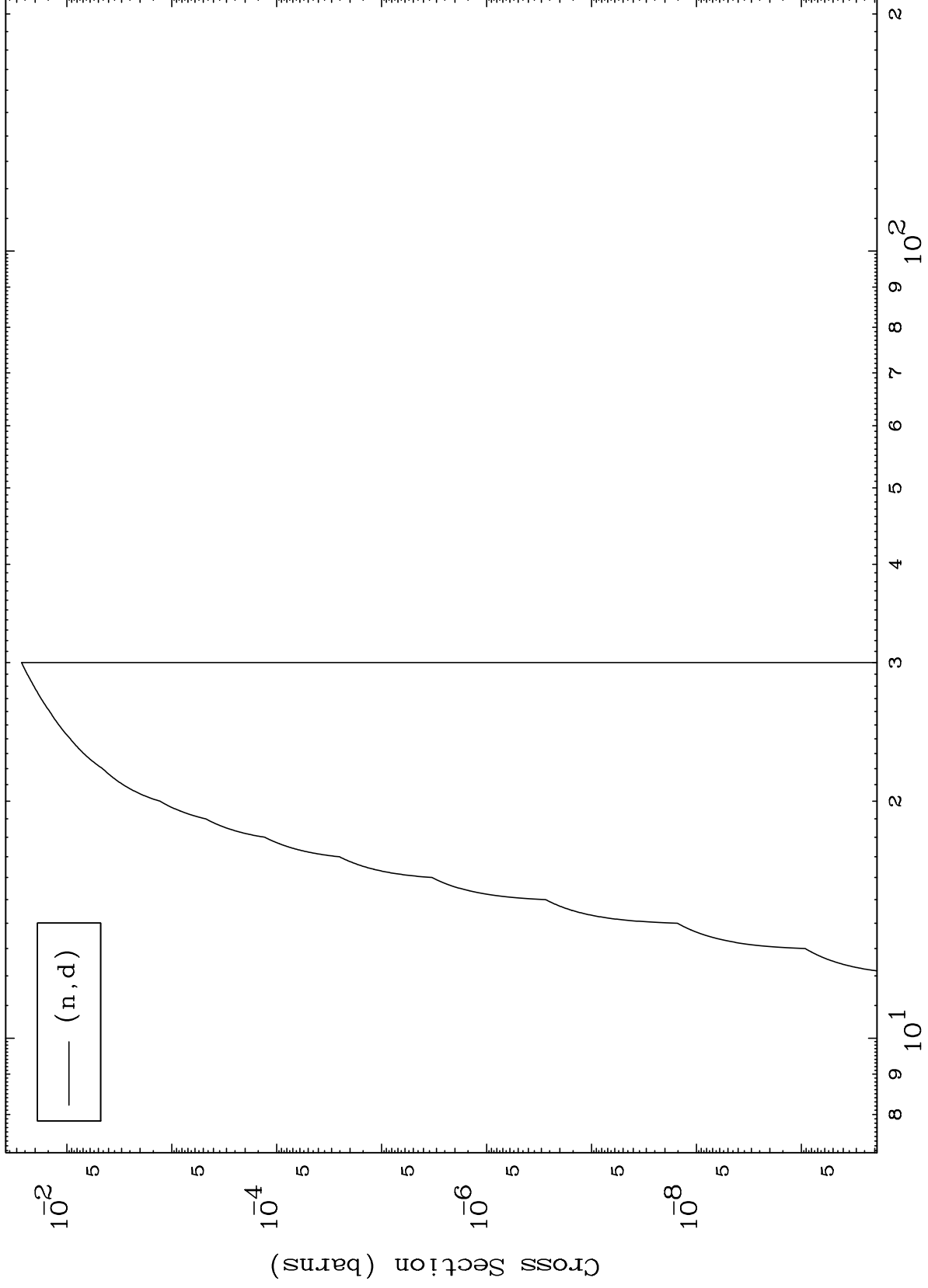
82-Pb-196



MAT 8201

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-196



8

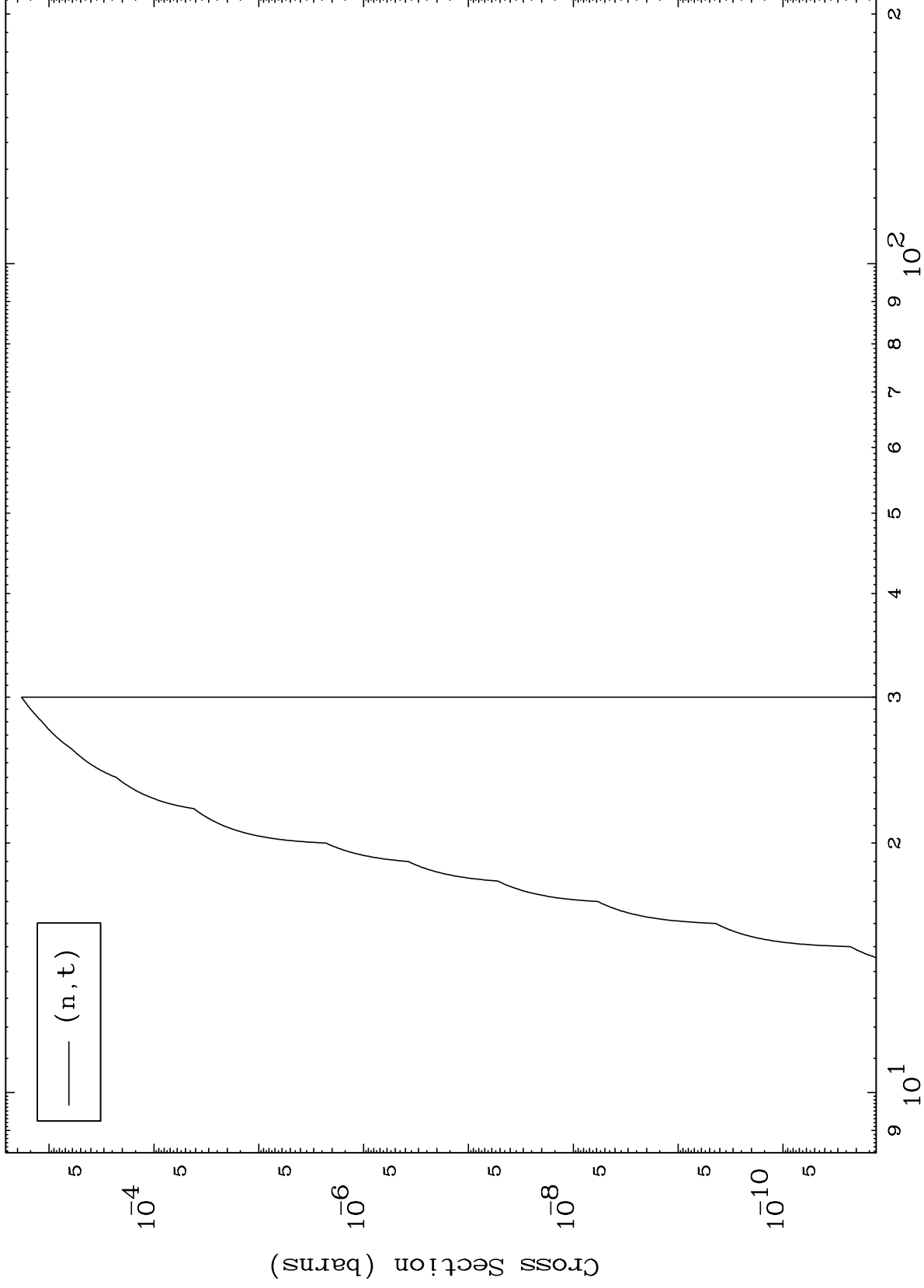
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-196



9

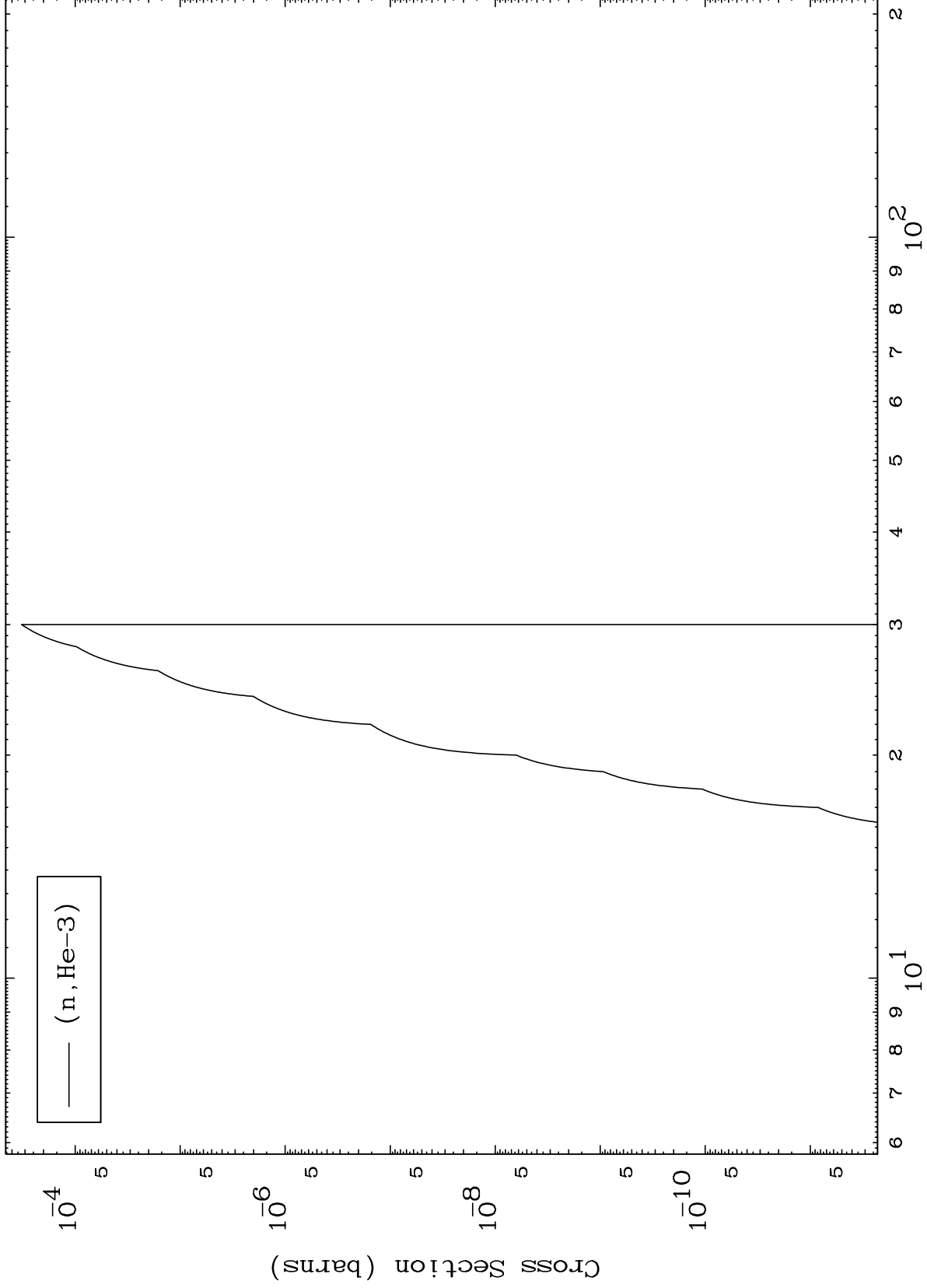
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-196



10

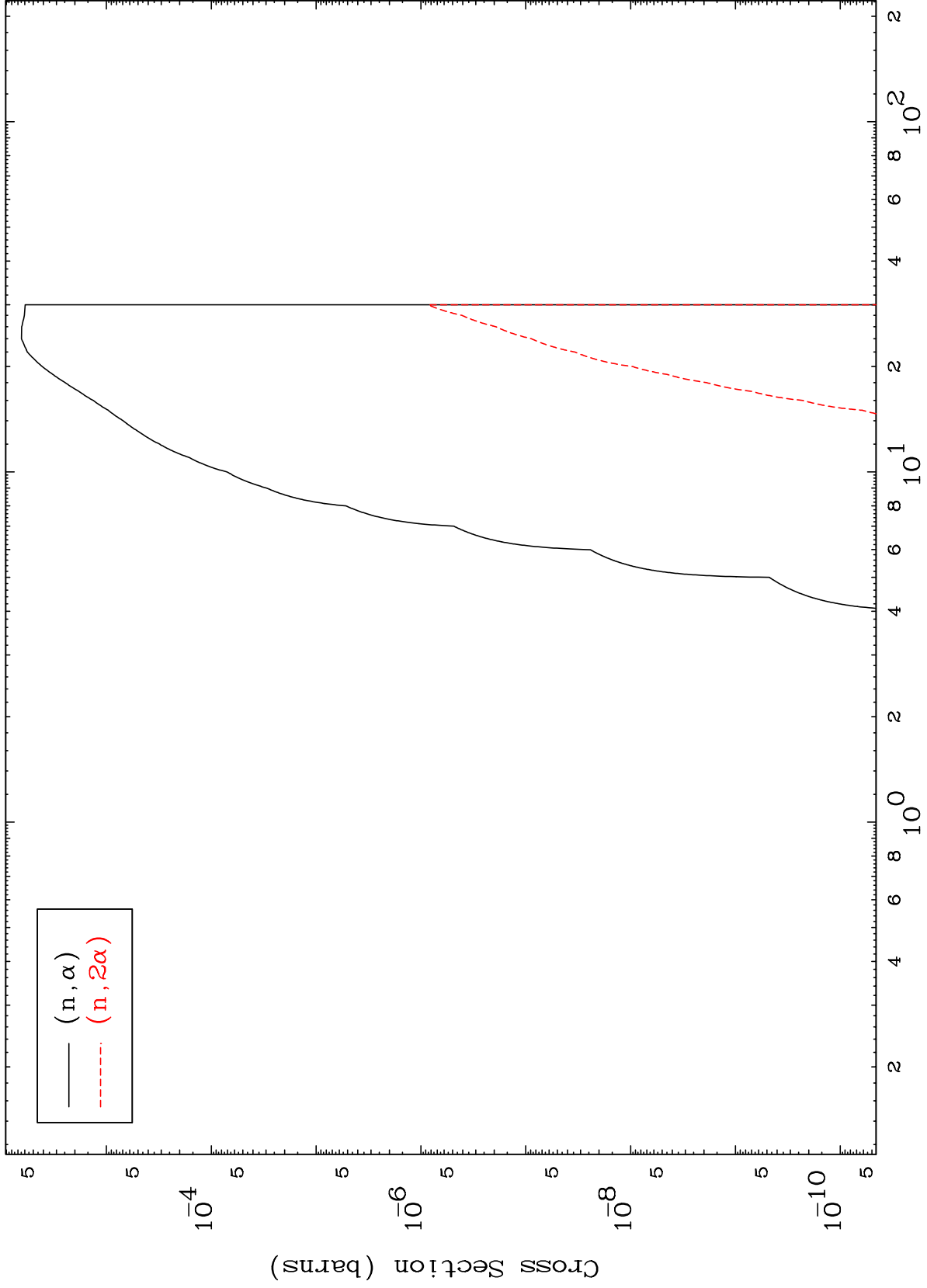
Incident Energy (MeV)

82-Pb-196

MAT 8201

(p, α) Levels
0 Kelvin Cross Sections

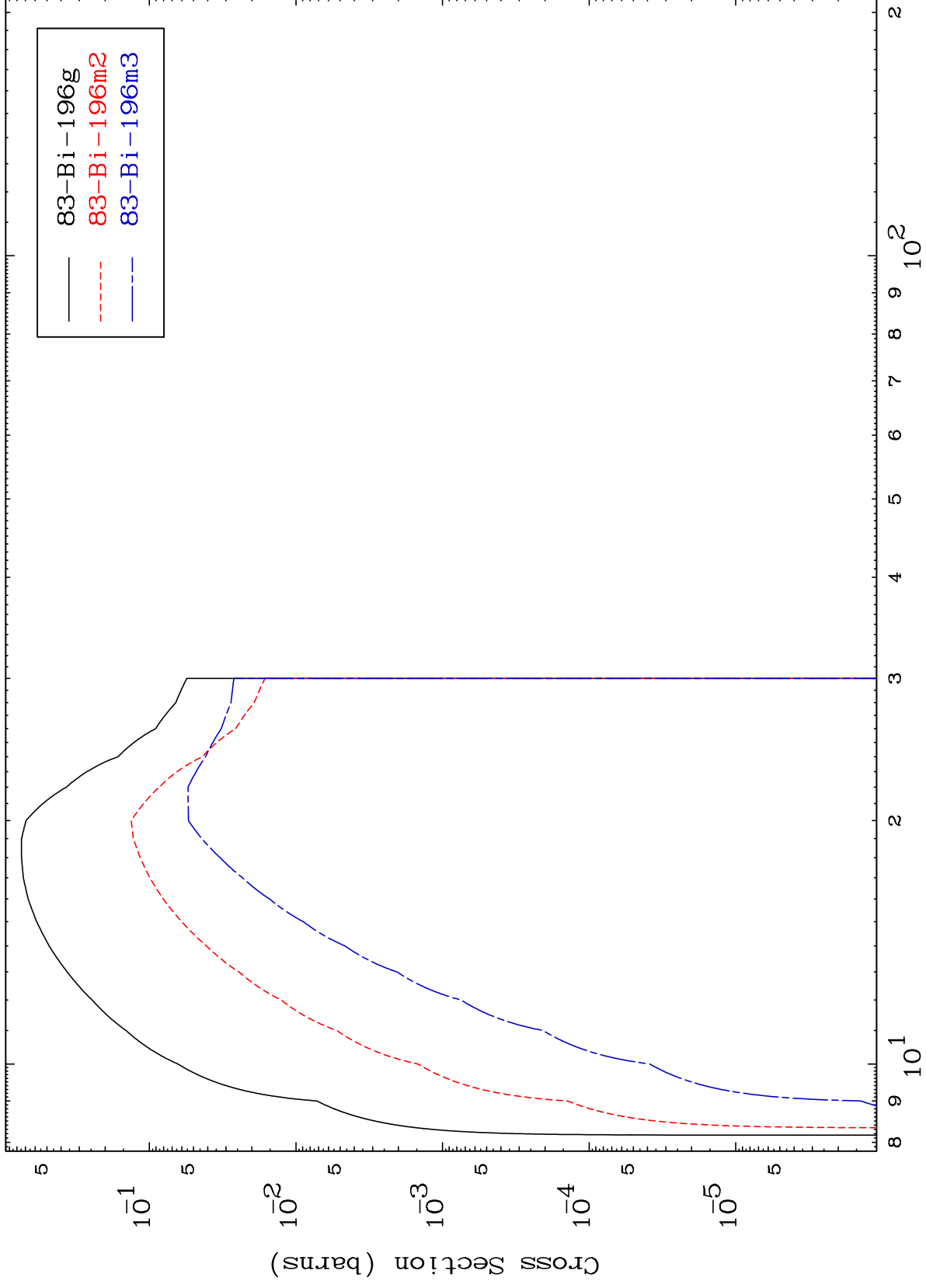
82-Pb-196



MAT 8201

82-Pb-196

Inelastic
Radionuclide Production Cross Section



82-Pb-196

Incident Energy (MeV)

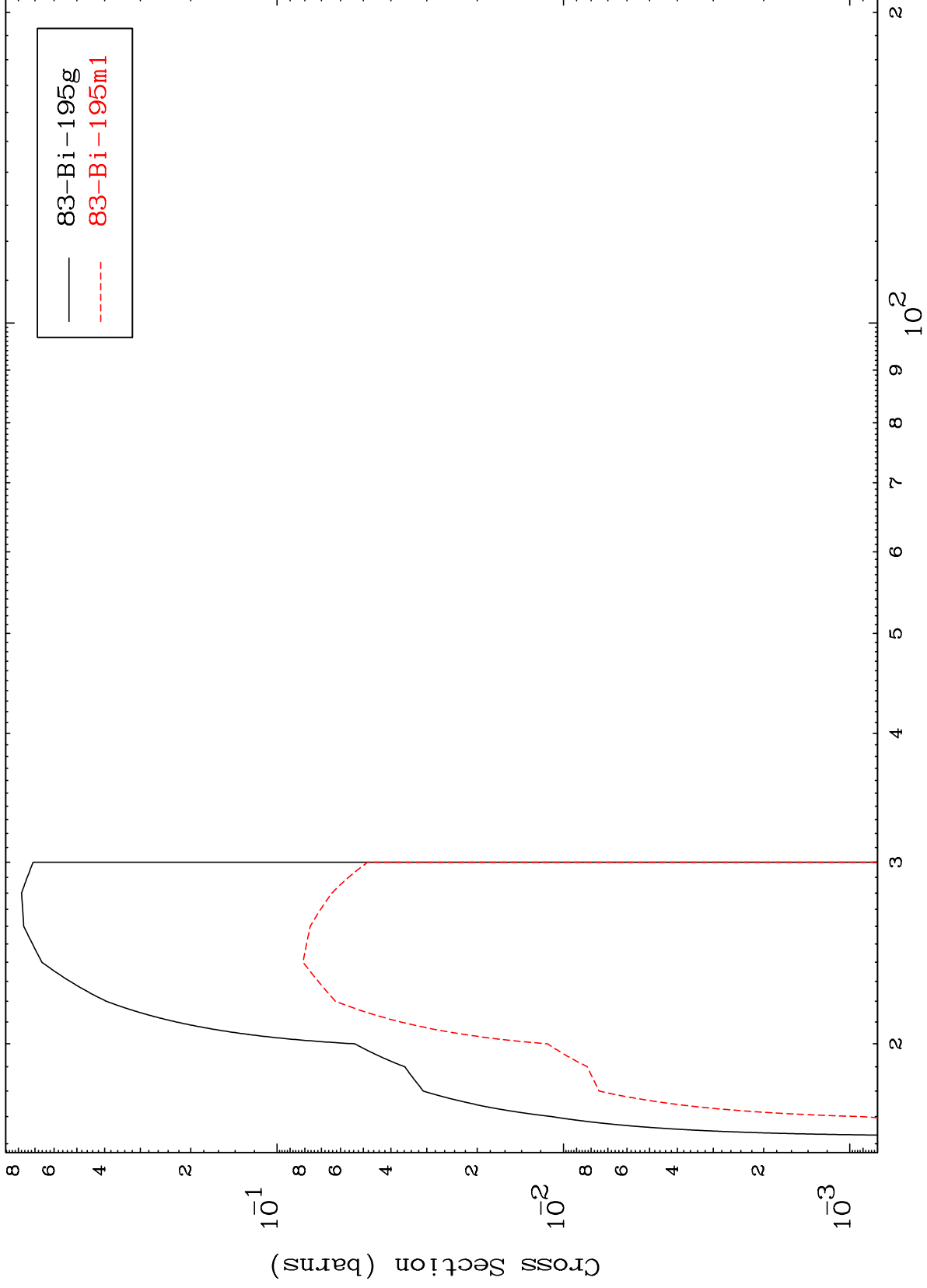
12

MAT 8201

(n,2n)

82-Pb-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

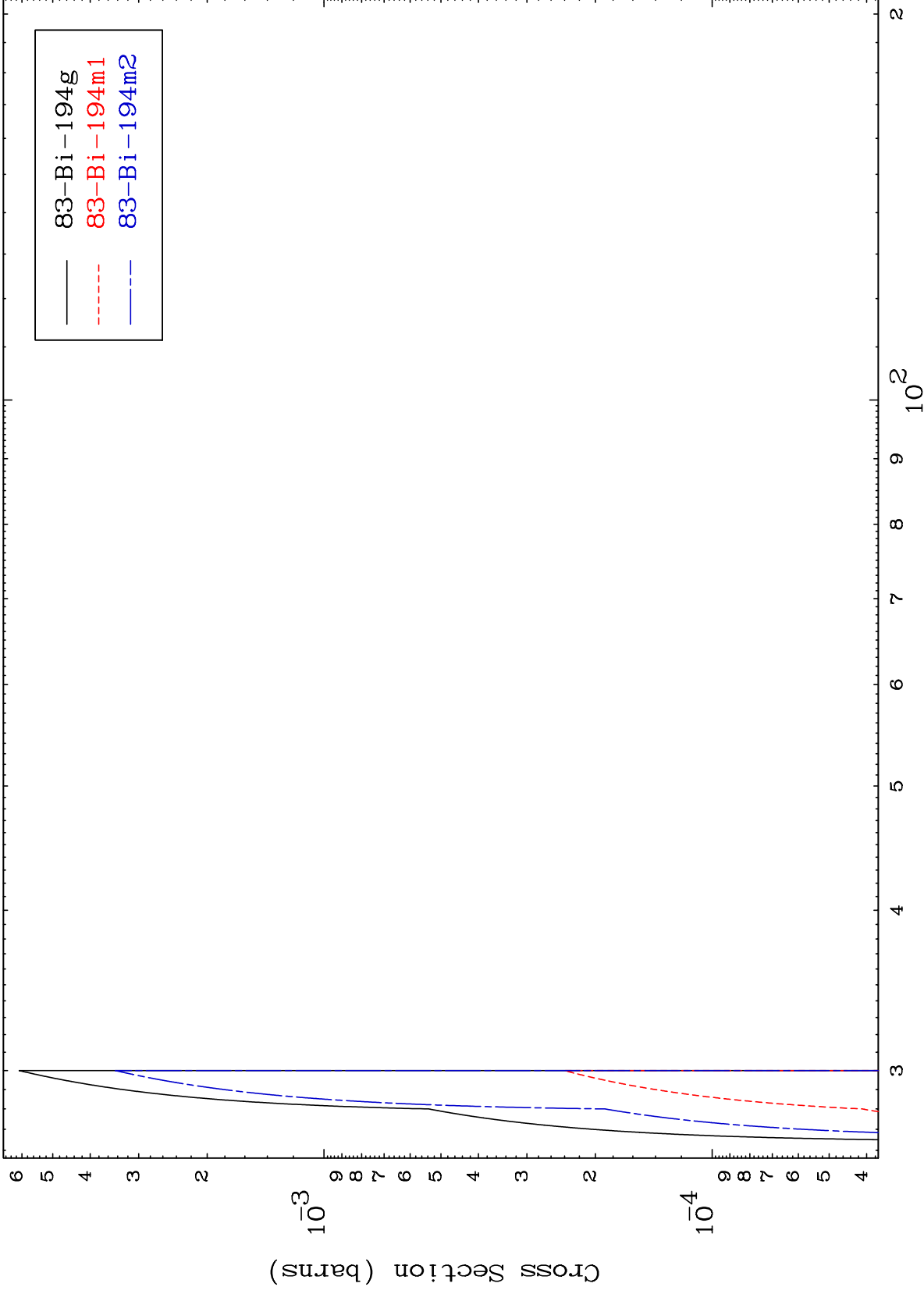
82-Pb-196

MAT 8201

(n,3n)

82-Pb-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

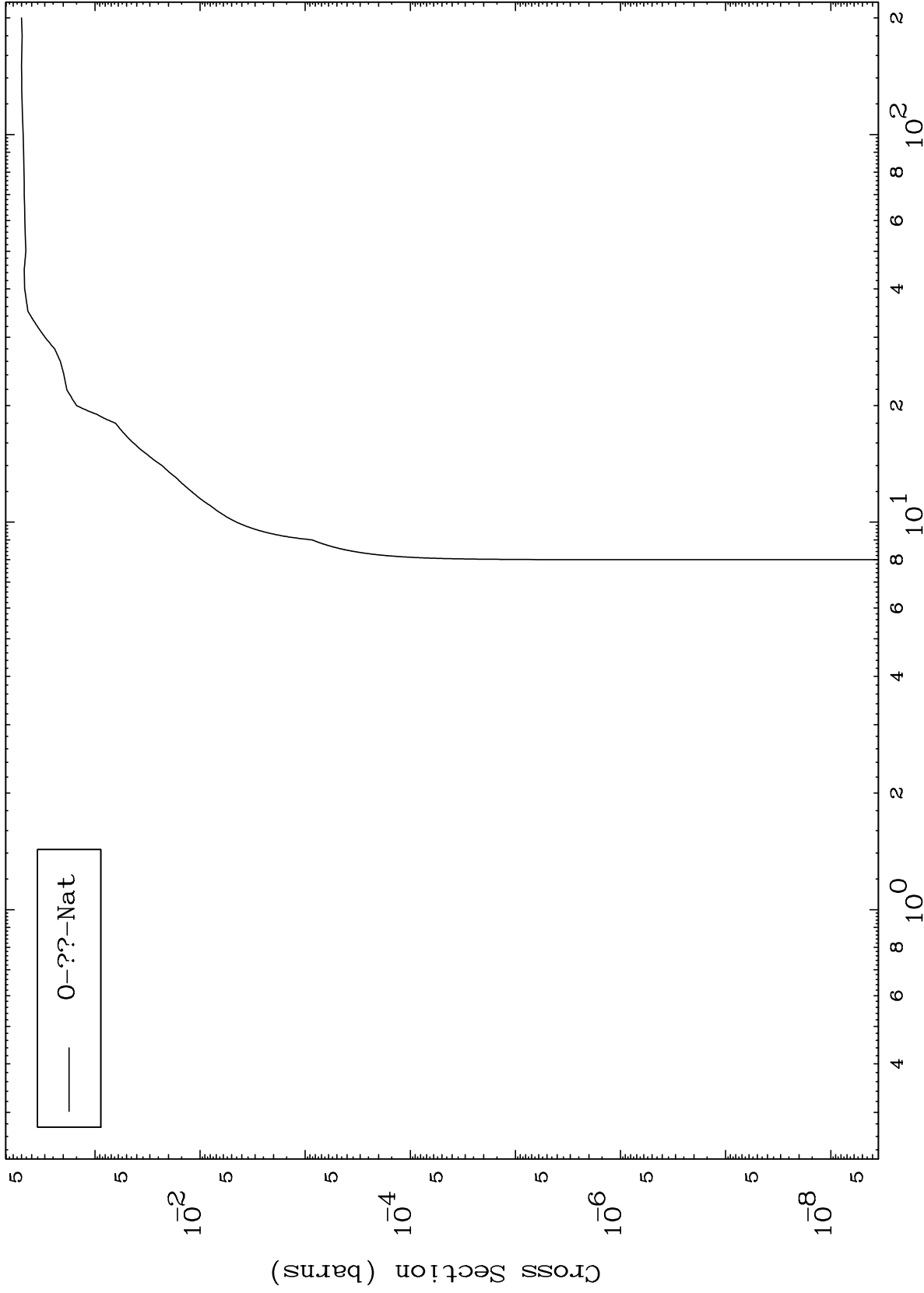
82-Pb-196

MAT 8201

Fission

82-Pb-196

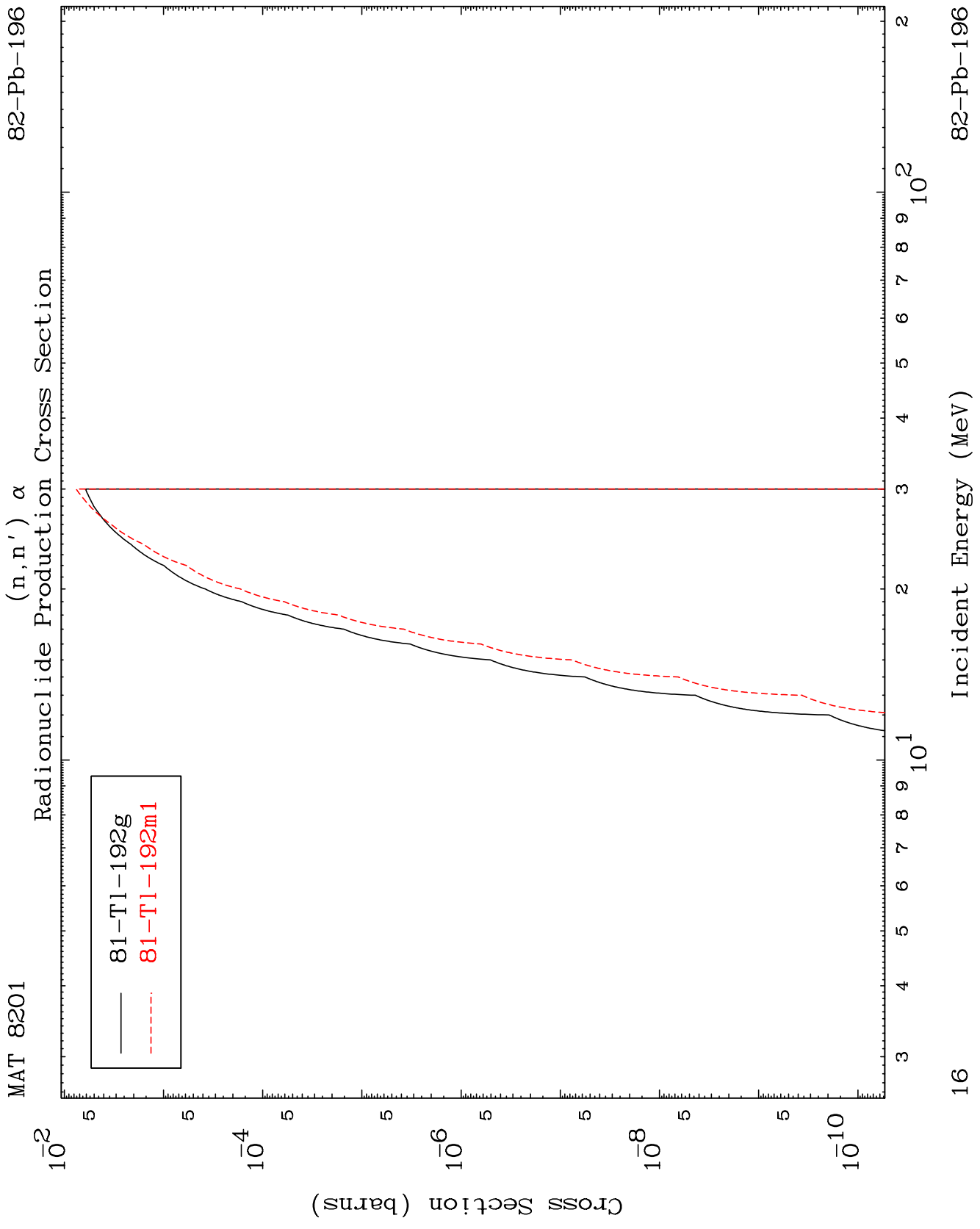
Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-196

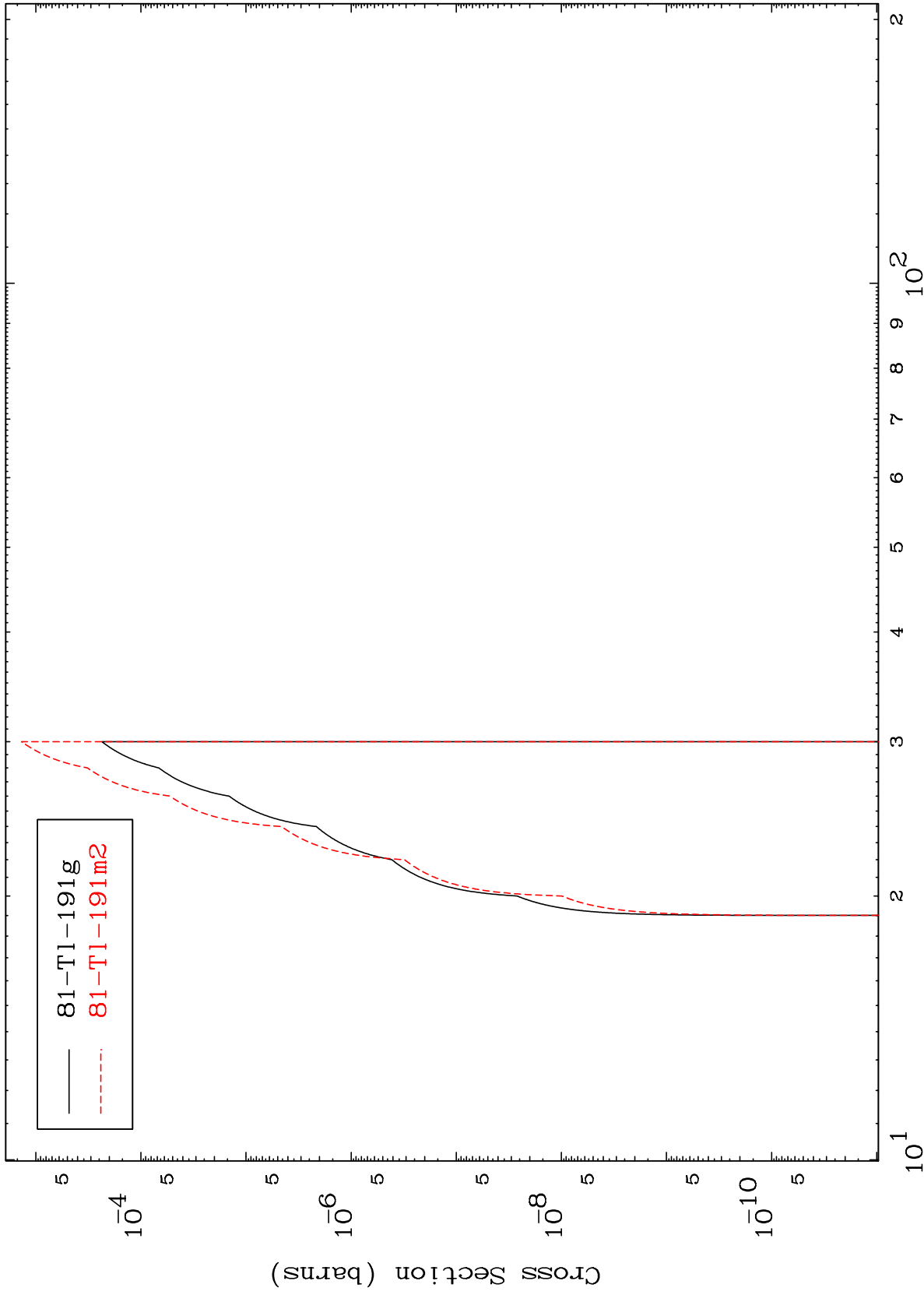


MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-196

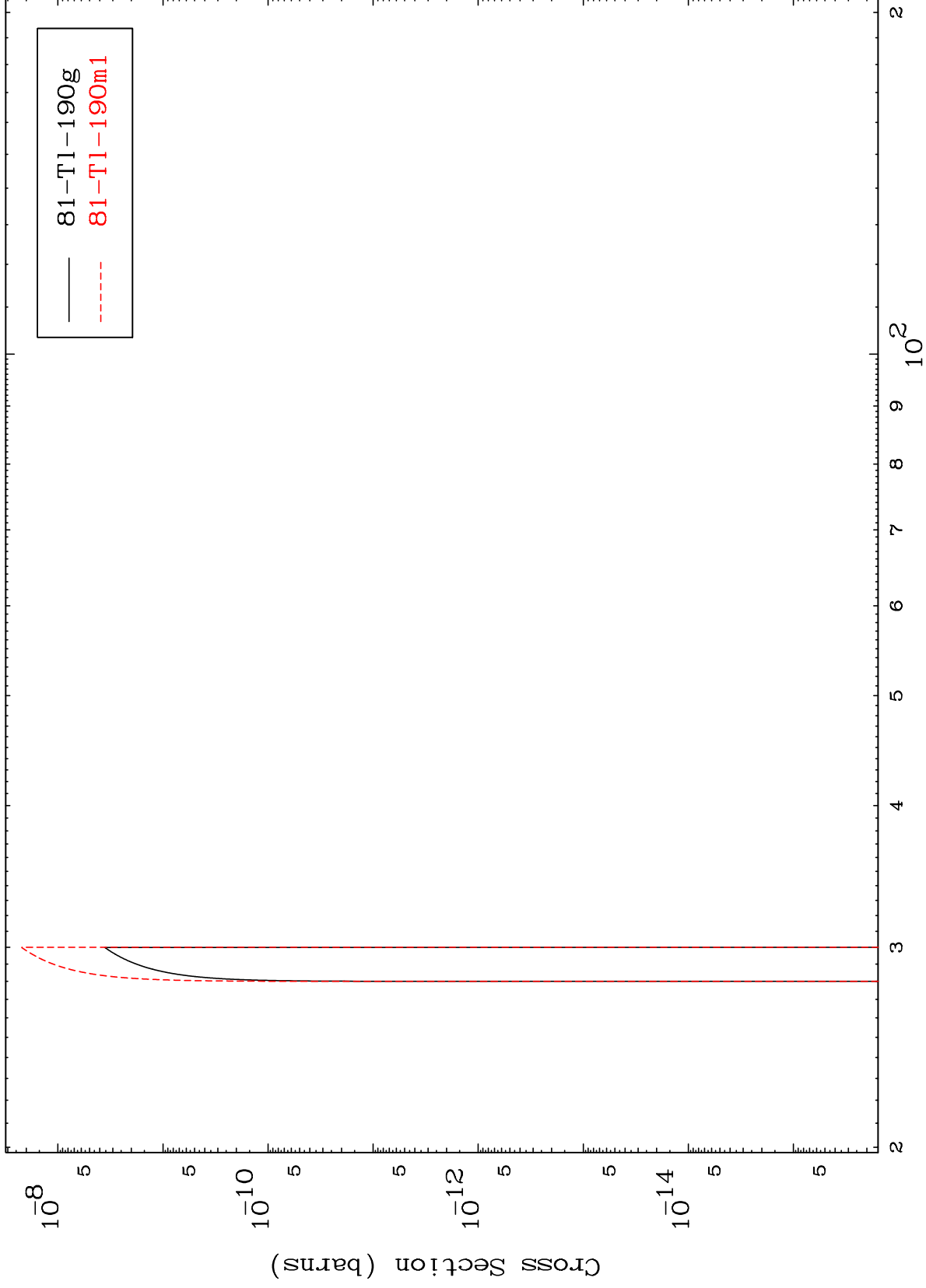
17

MAT 8201

(n,3n) α

82-Pb-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

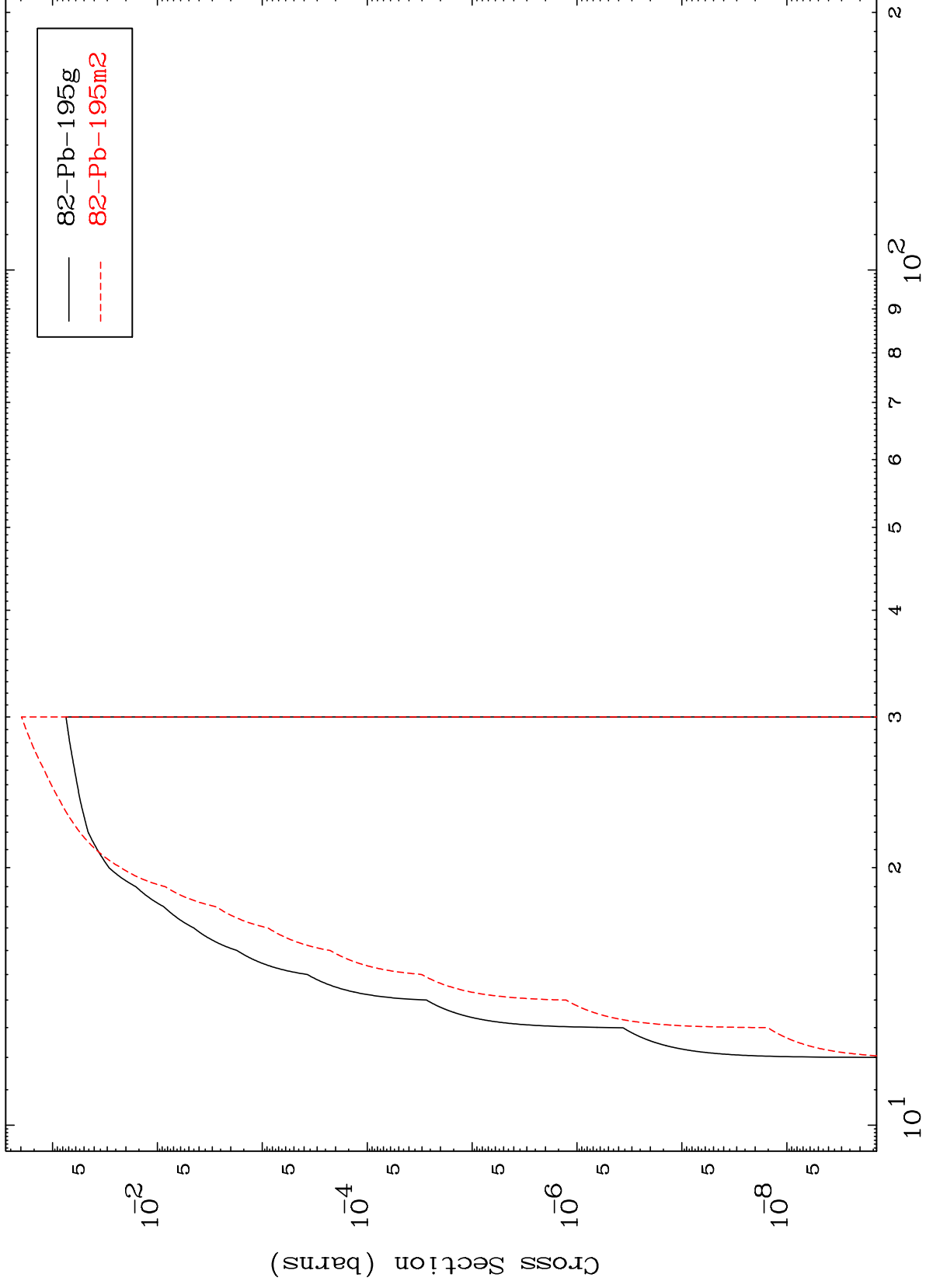
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

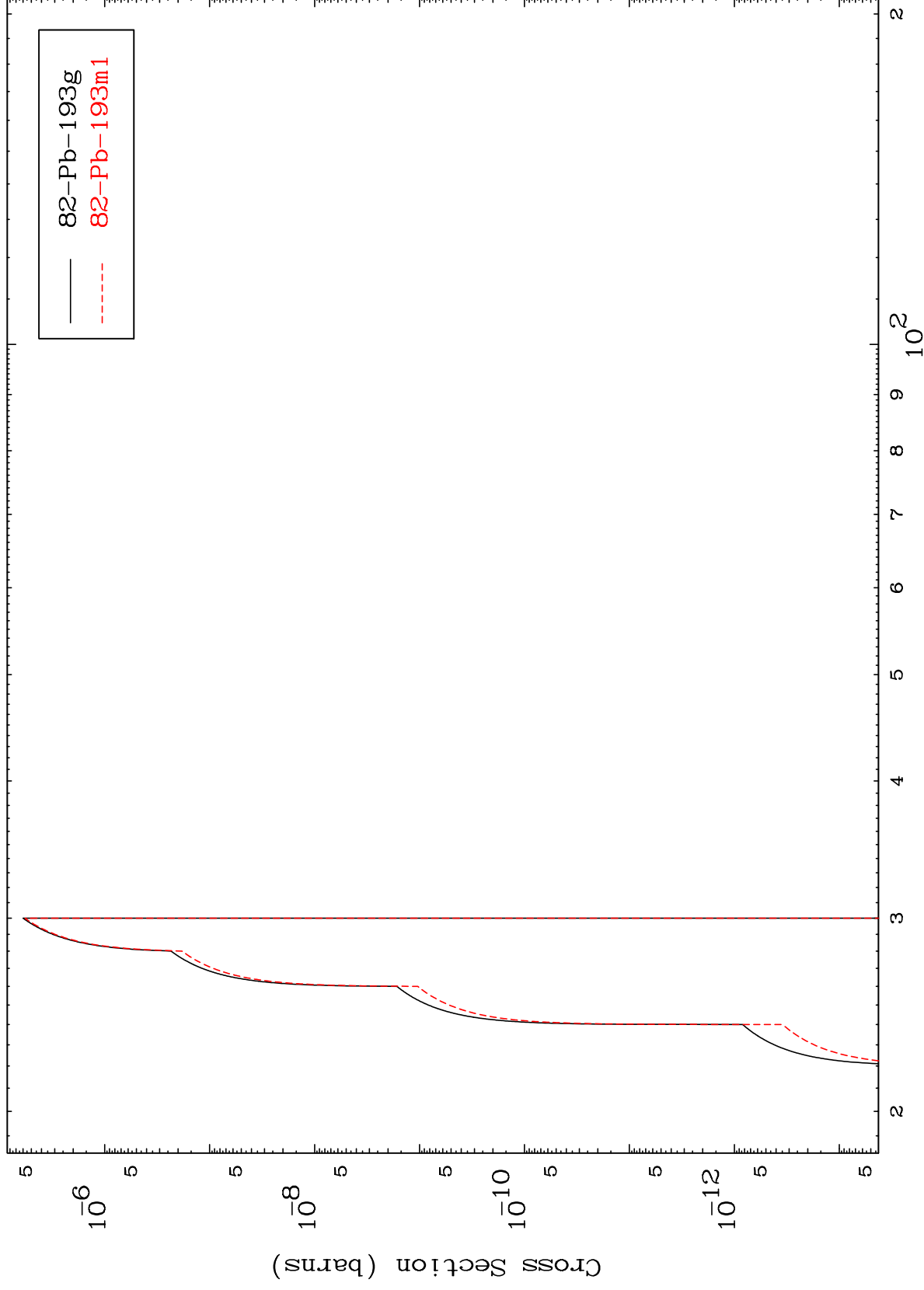
82-Pb-196

MAT 8201

(n,n') t

82-Pb-196

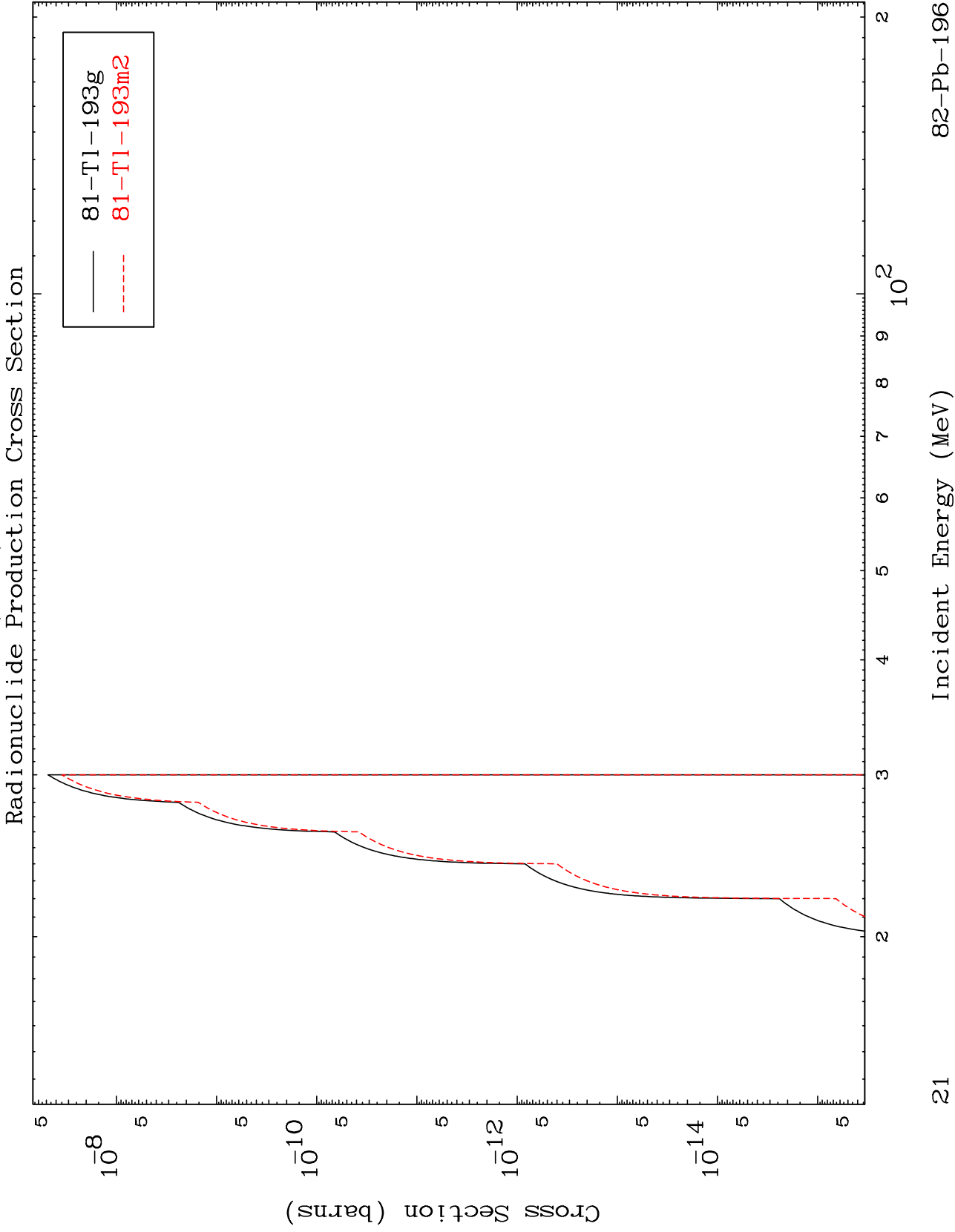
Radionuclide Production Cross Section



20

Incident Energy (MeV)

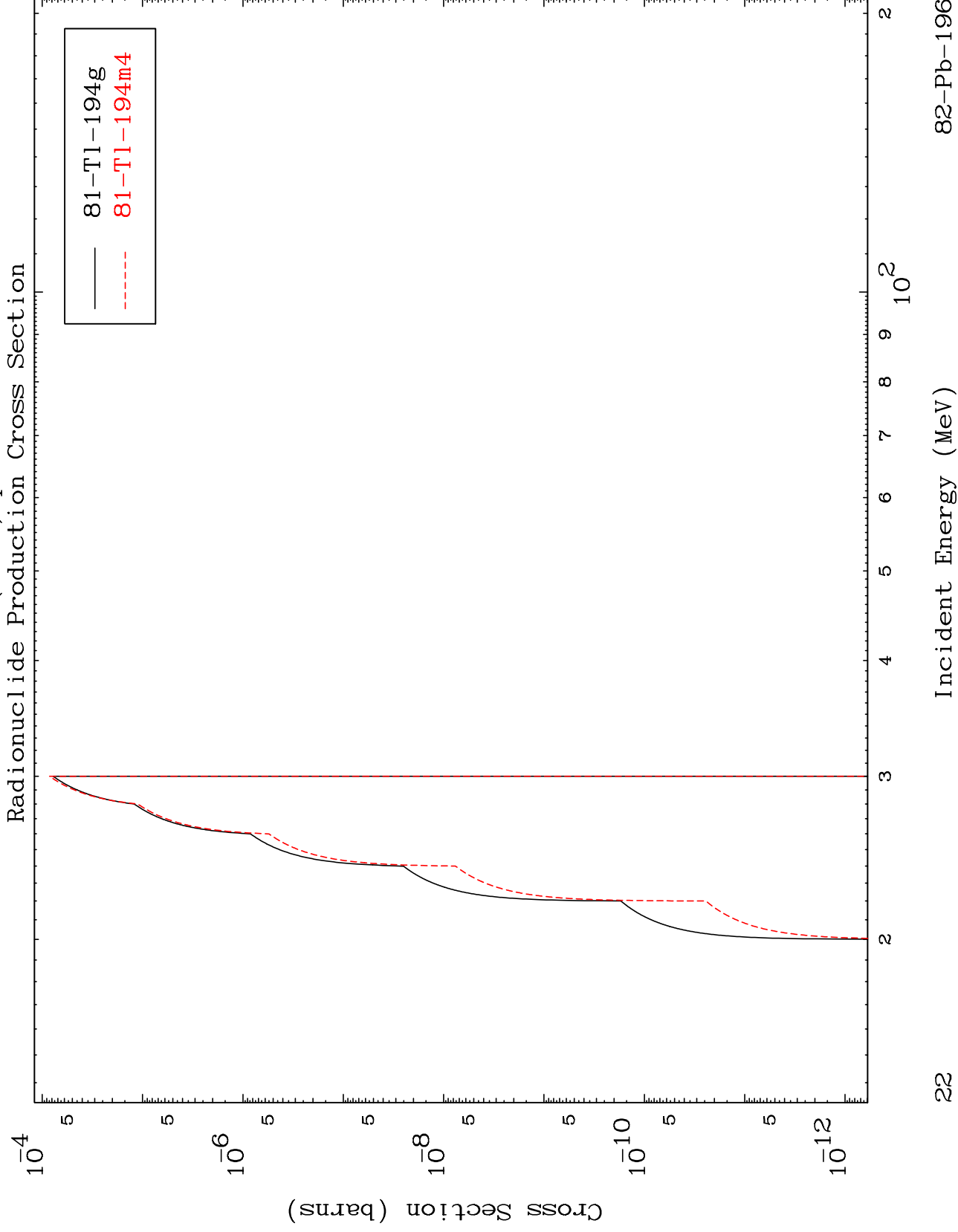
82-Pb-196



MAT 8201

(n,2n) p

82-Pb-196



22

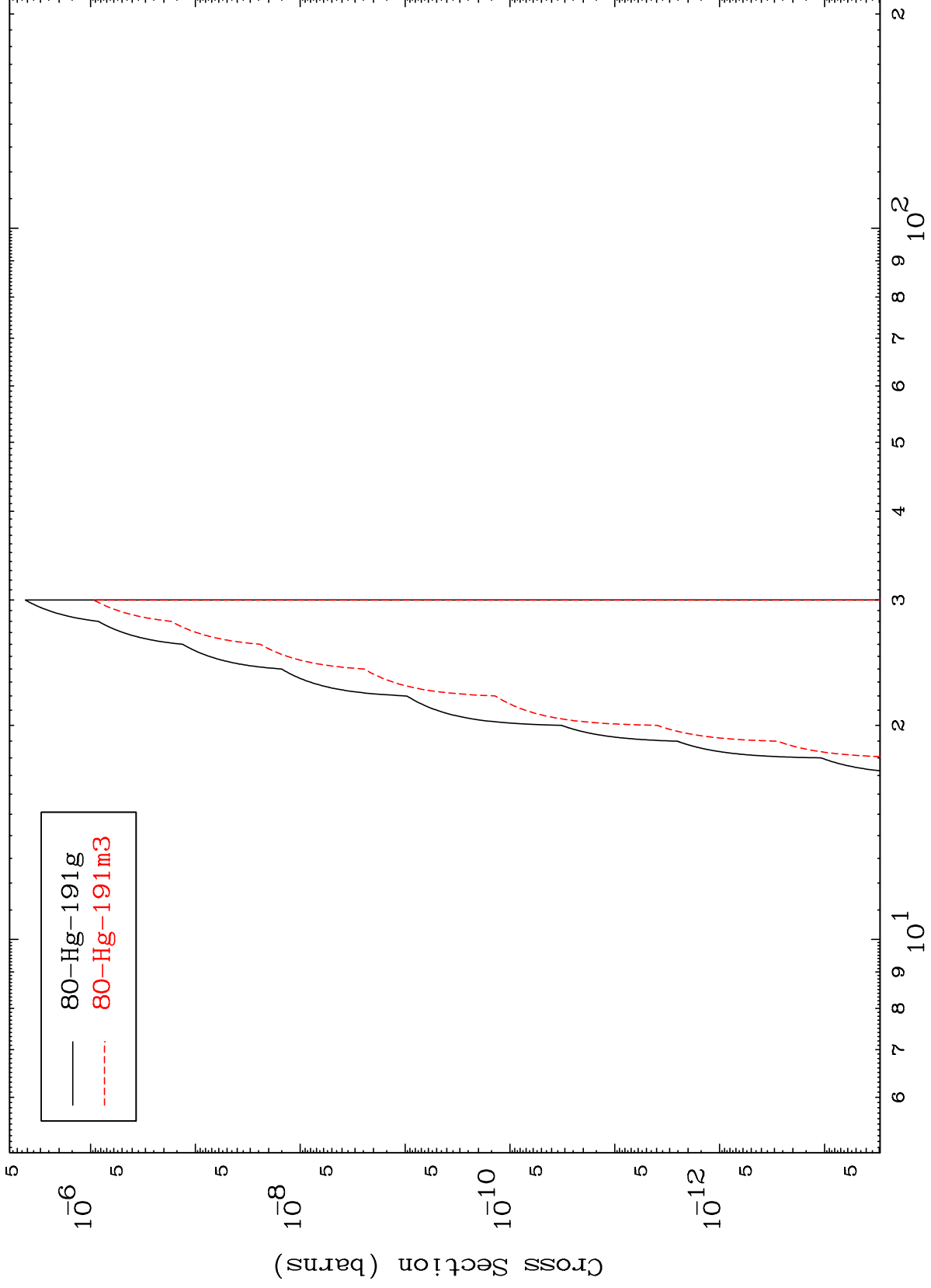
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



23

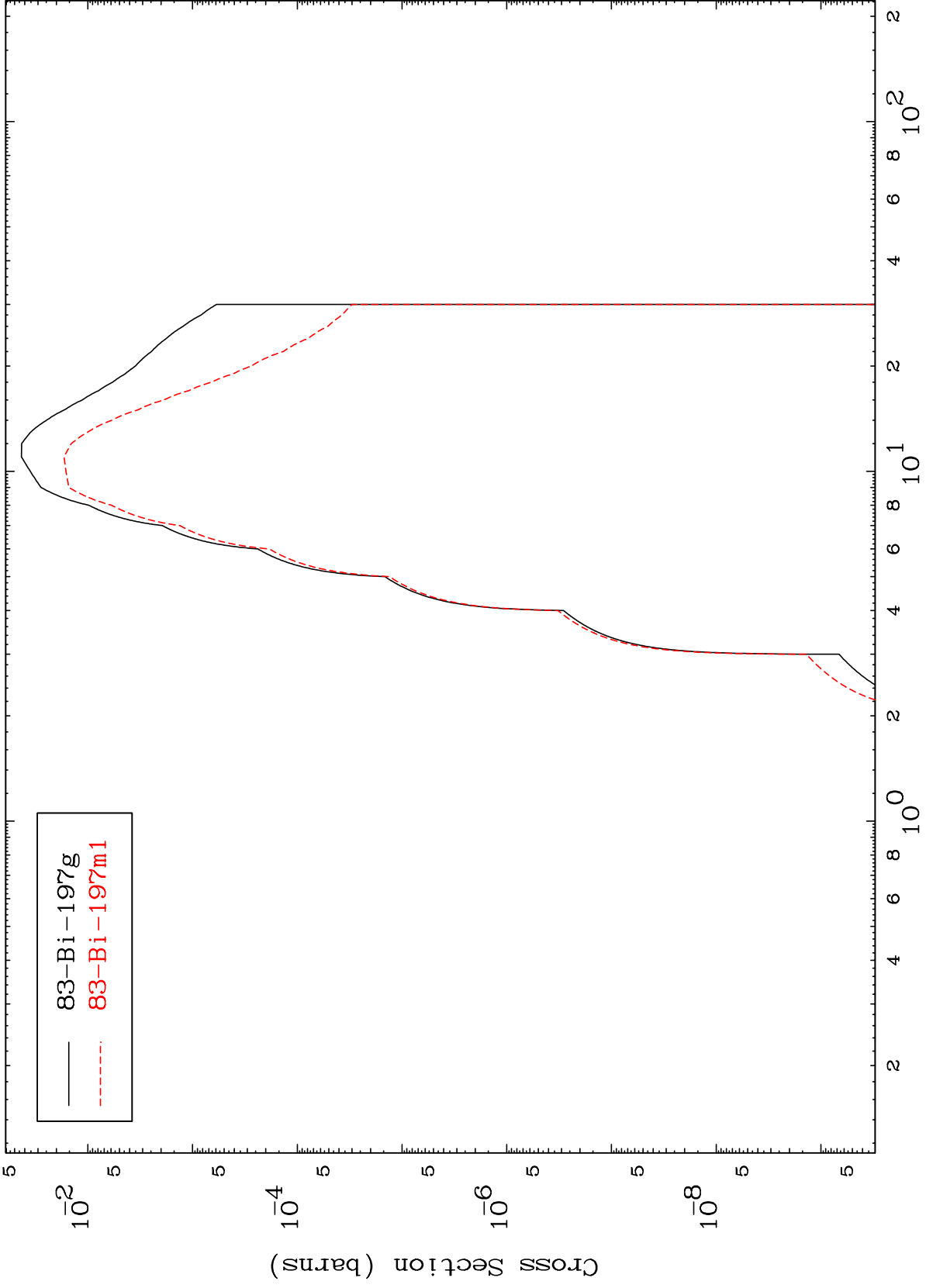
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n, γ)
Radionuclide Production Cross Section



24

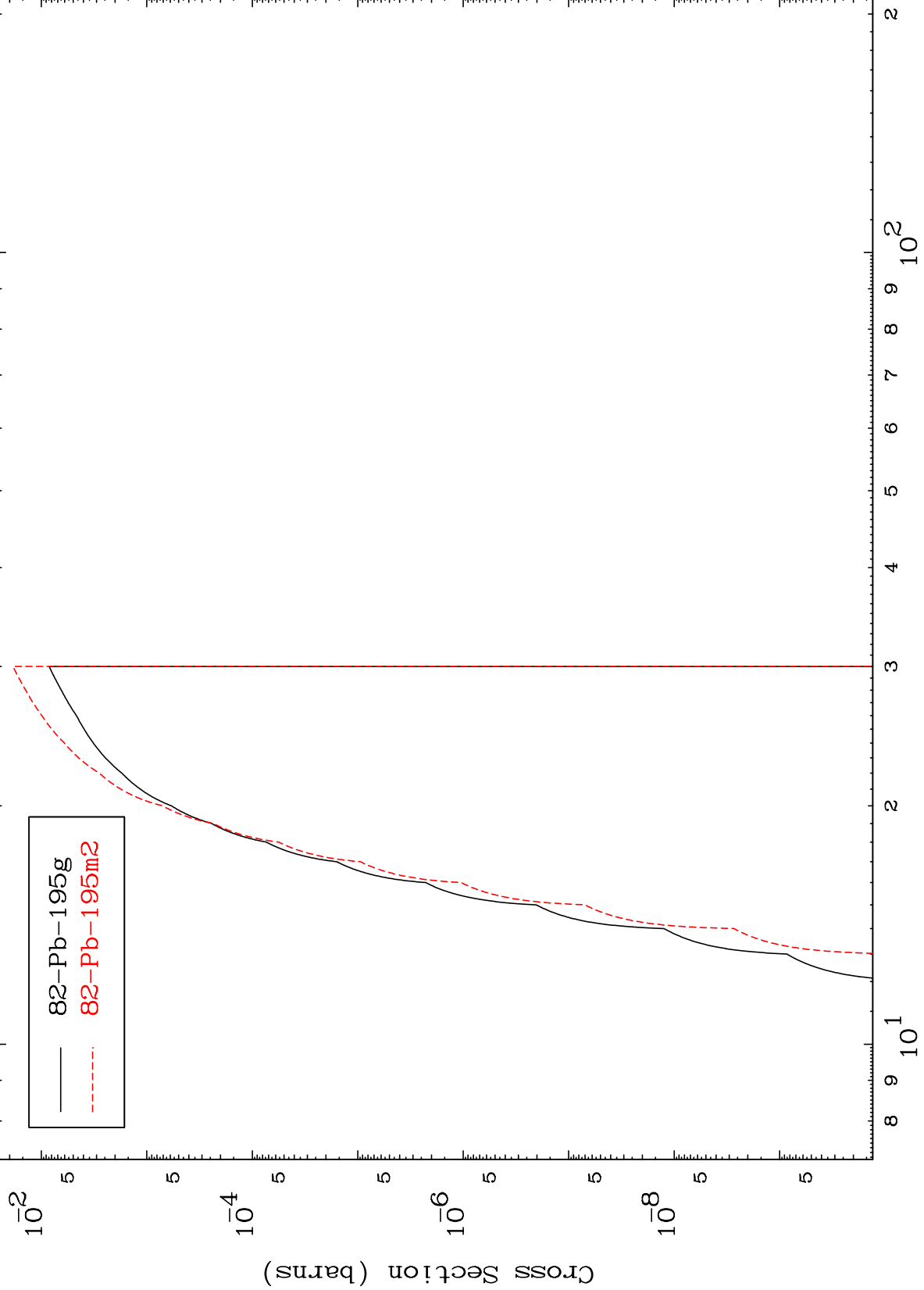
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n,d)
Radionuclide Production Cross Section



25

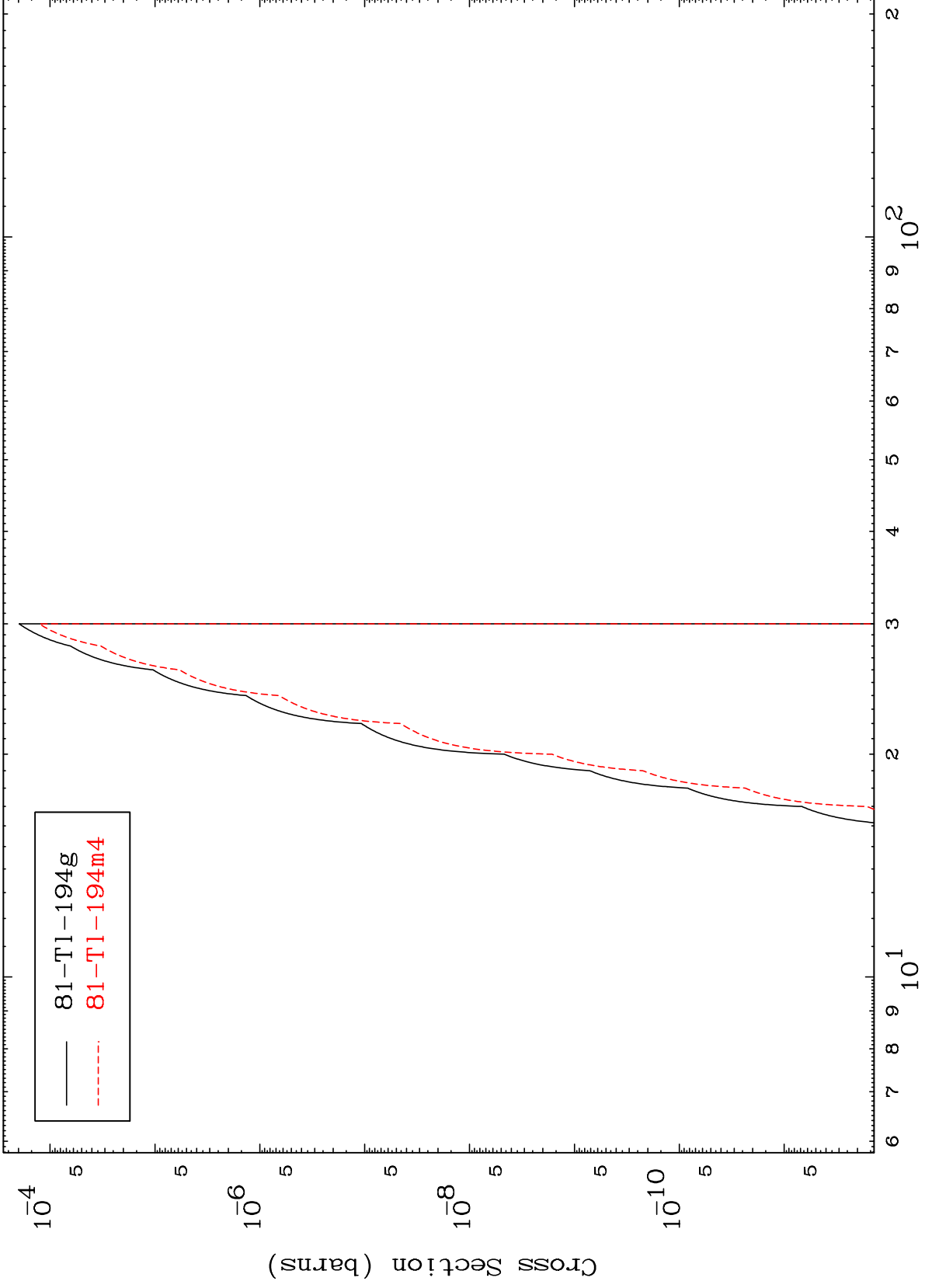
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,He-3)
Radionuclide Production Cross Section



26

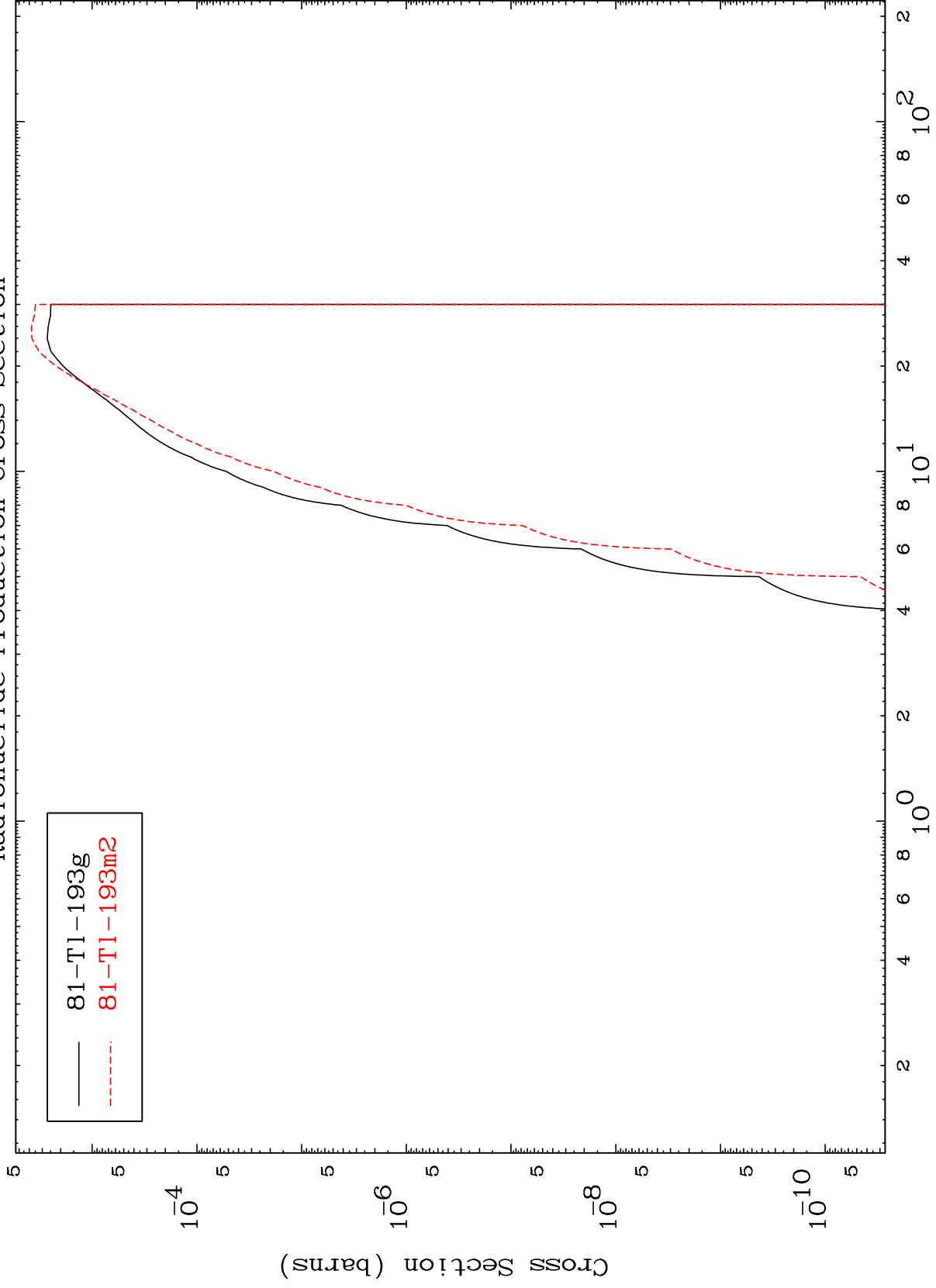
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

Radionuclide Production Cross Section
(n, α)

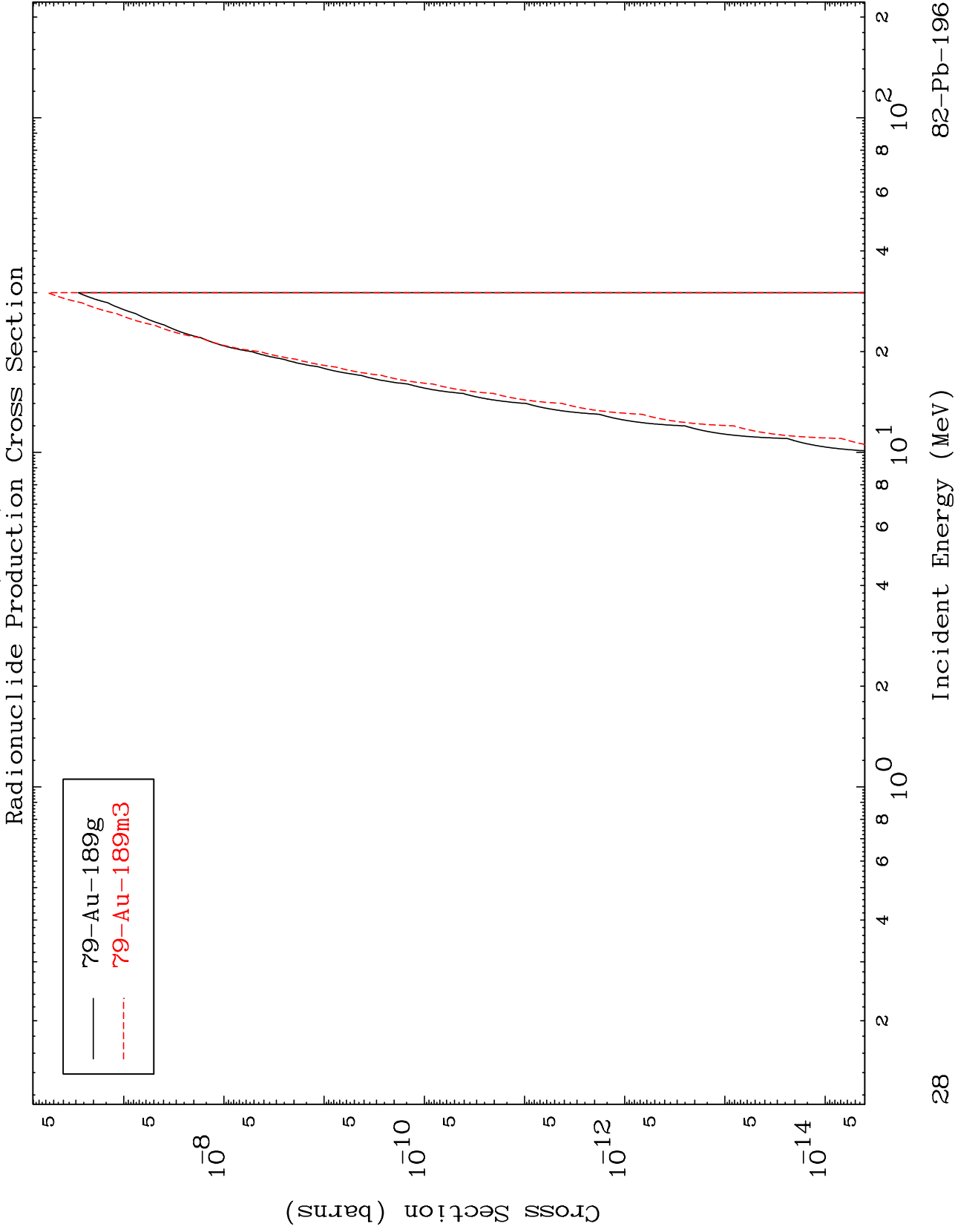


81-Tl-193g
81-Tl-193m2

MAT 8201

(n,2α)

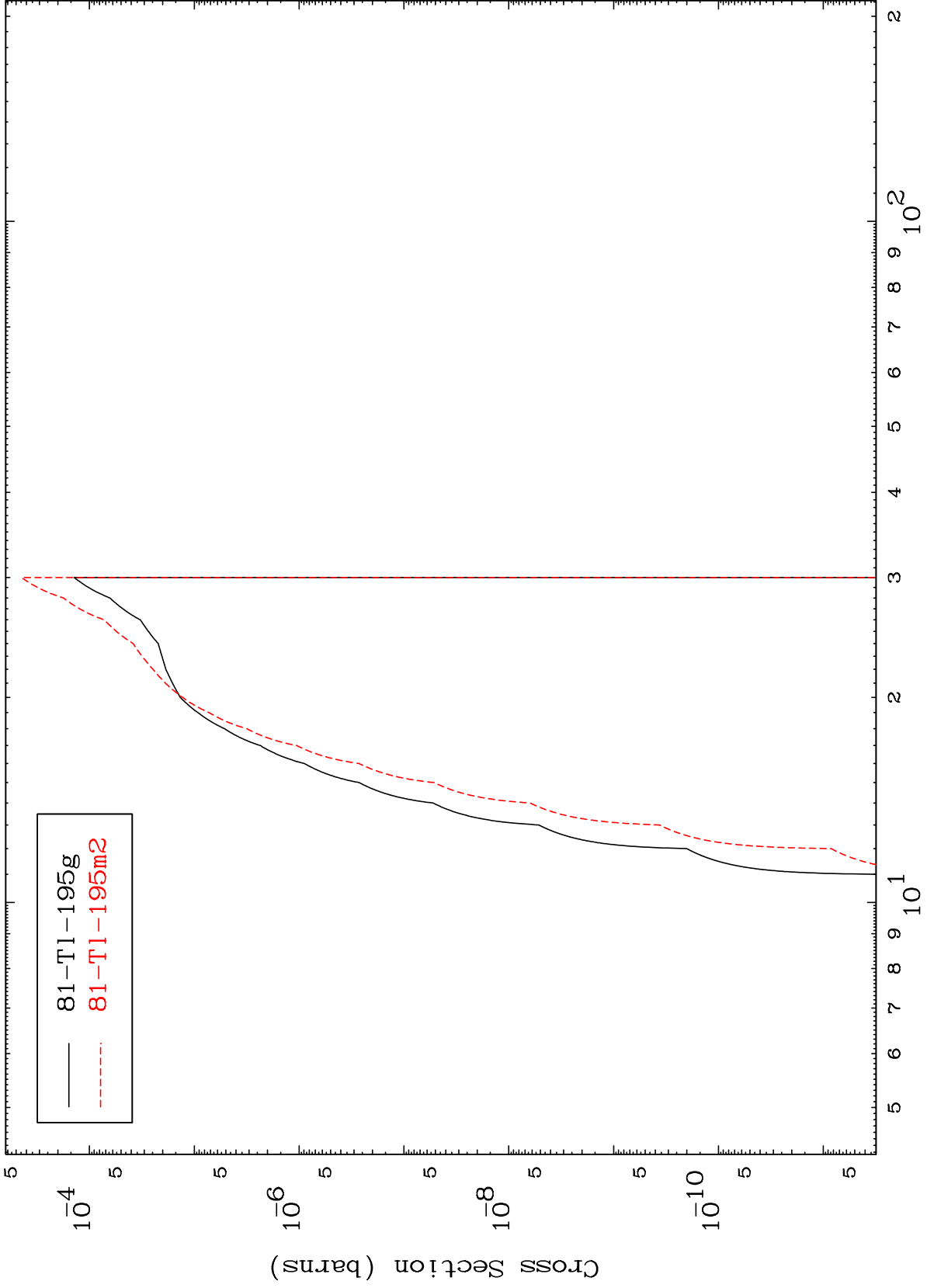
82-Pb-196



MAT 8201

82-Pb-196

(n,2p)
Radionuclide Production Cross Section

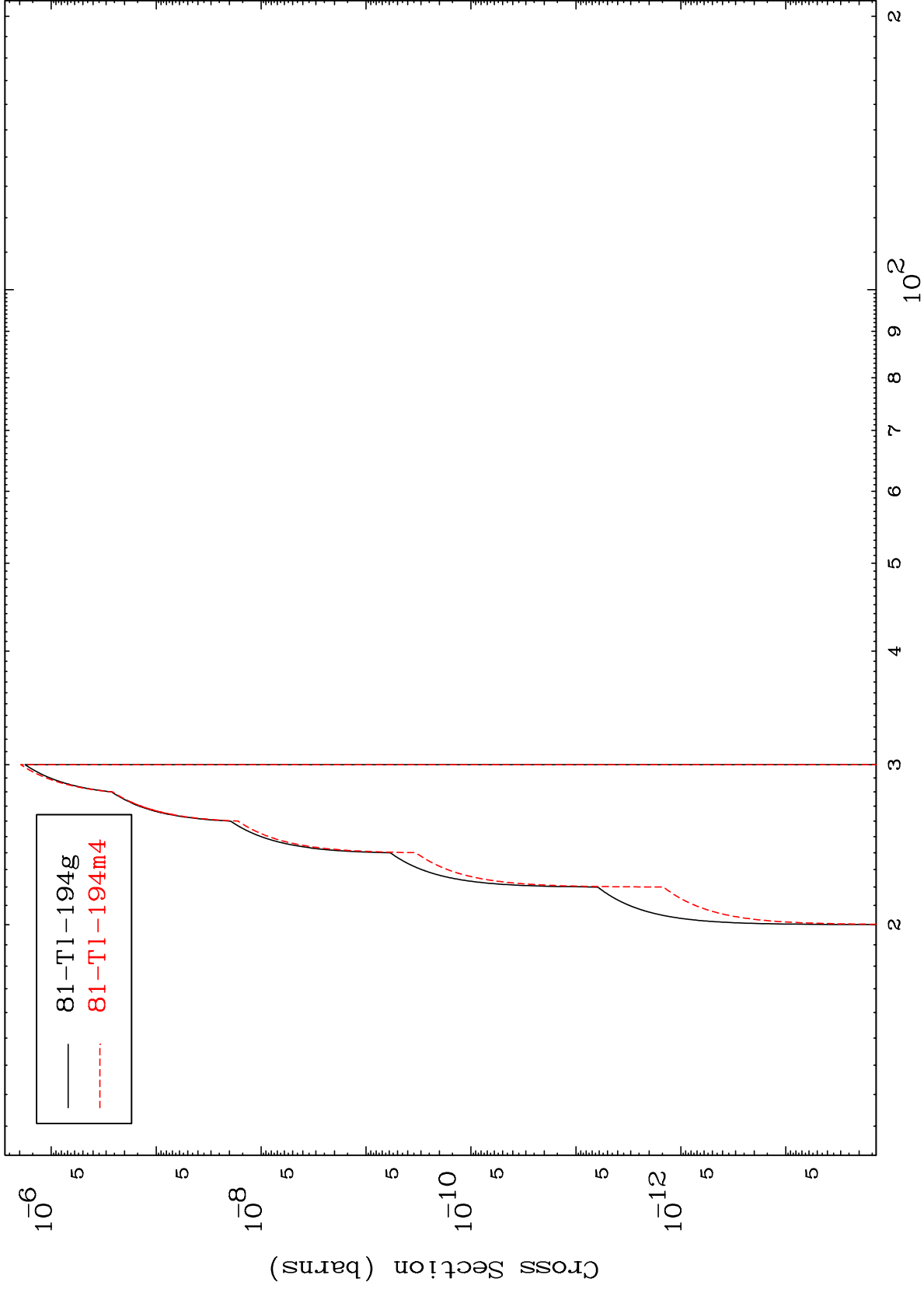


29

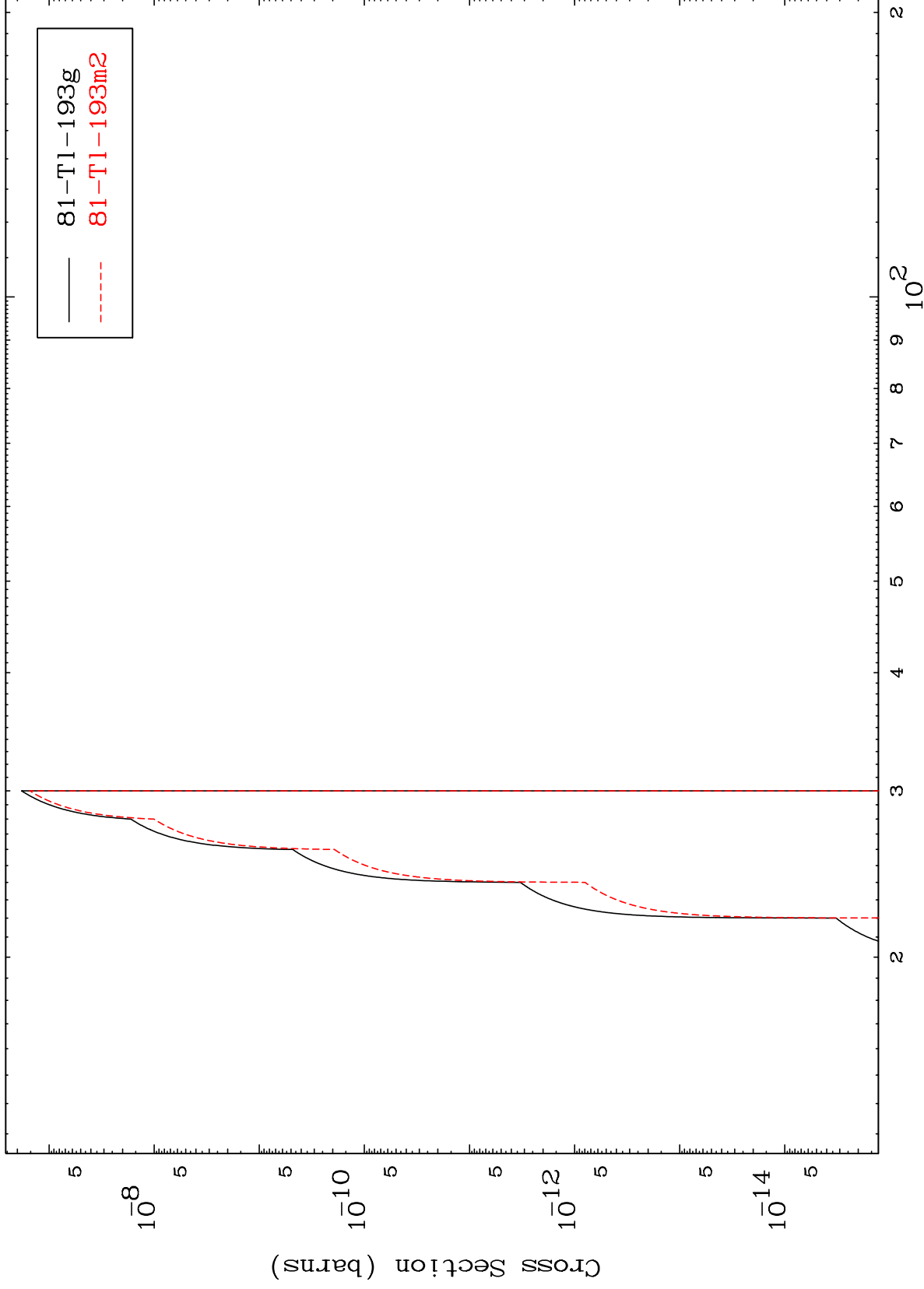
Incident Energy (MeV)

82-Pb-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section

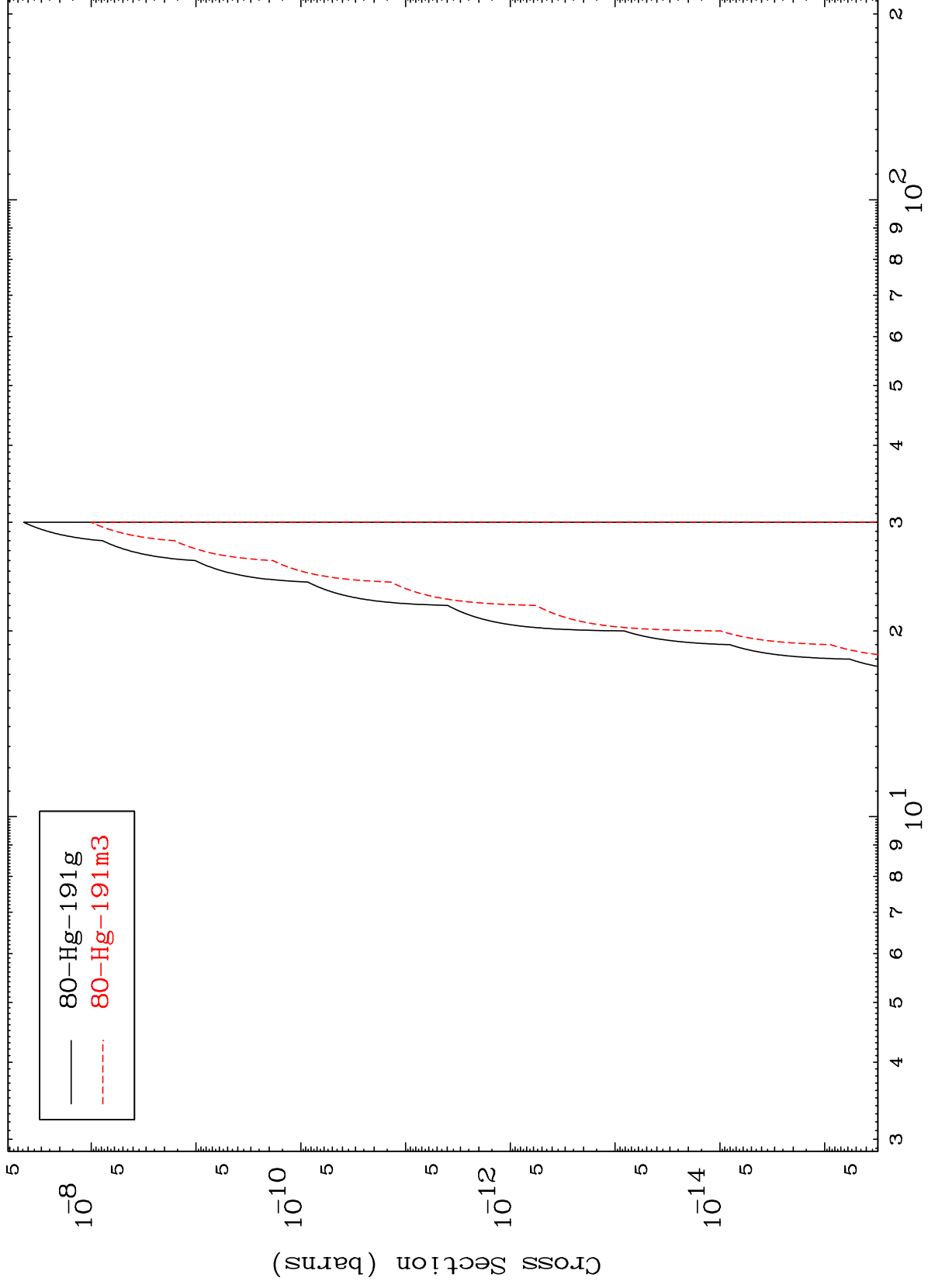


MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

32

Incident Energy (MeV)

82-Pb-196