

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

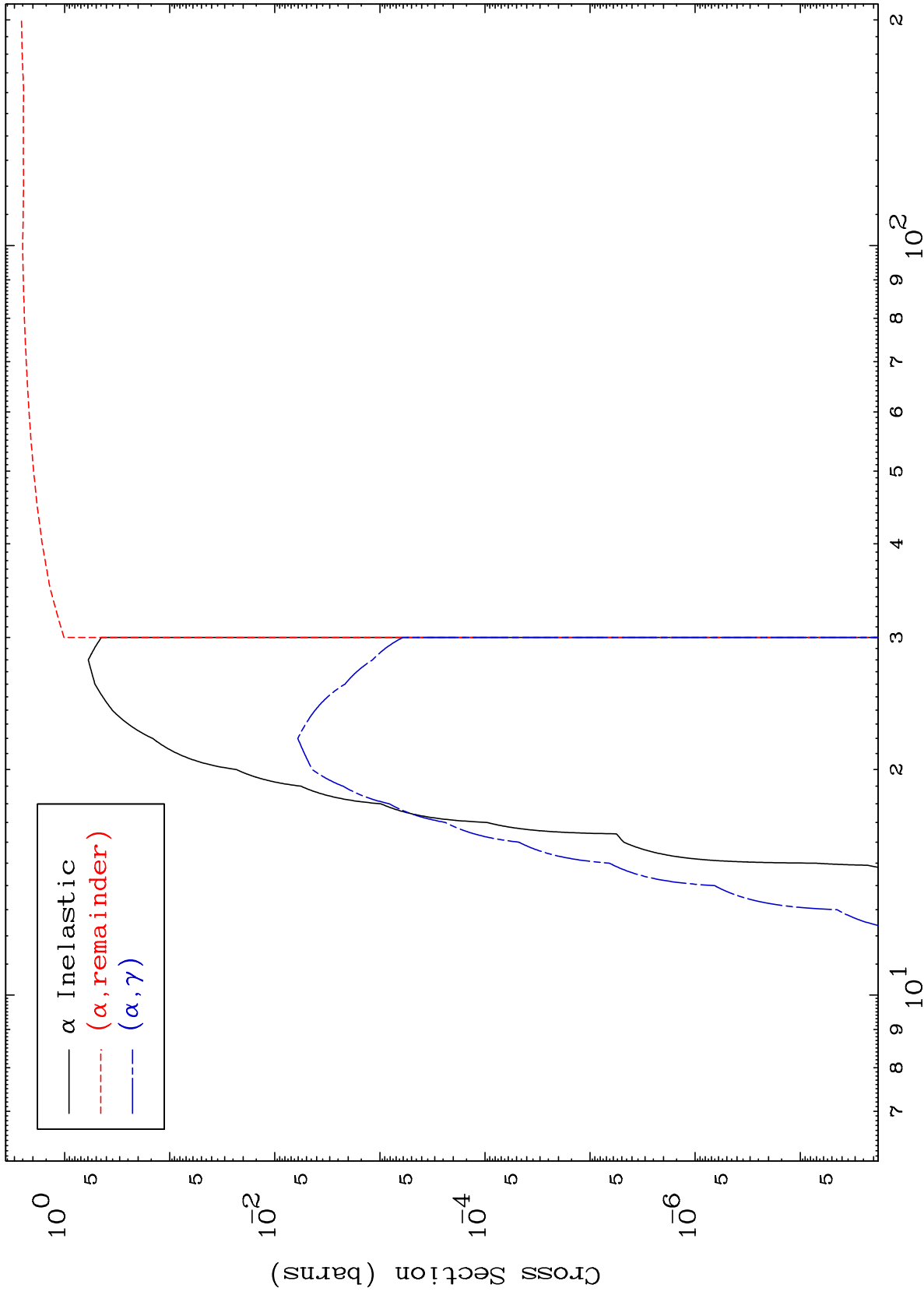
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

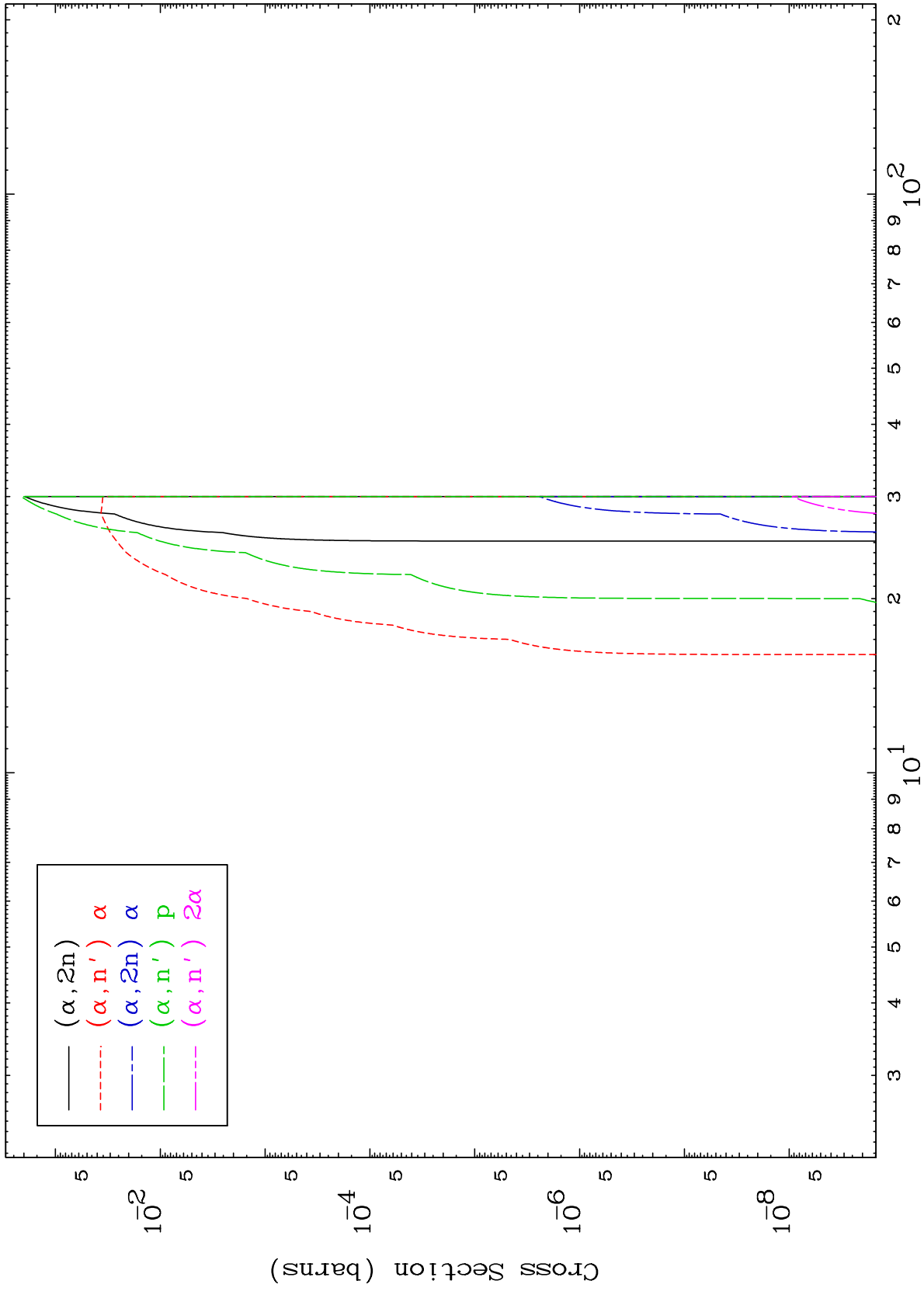
Press Mouse Button to Start

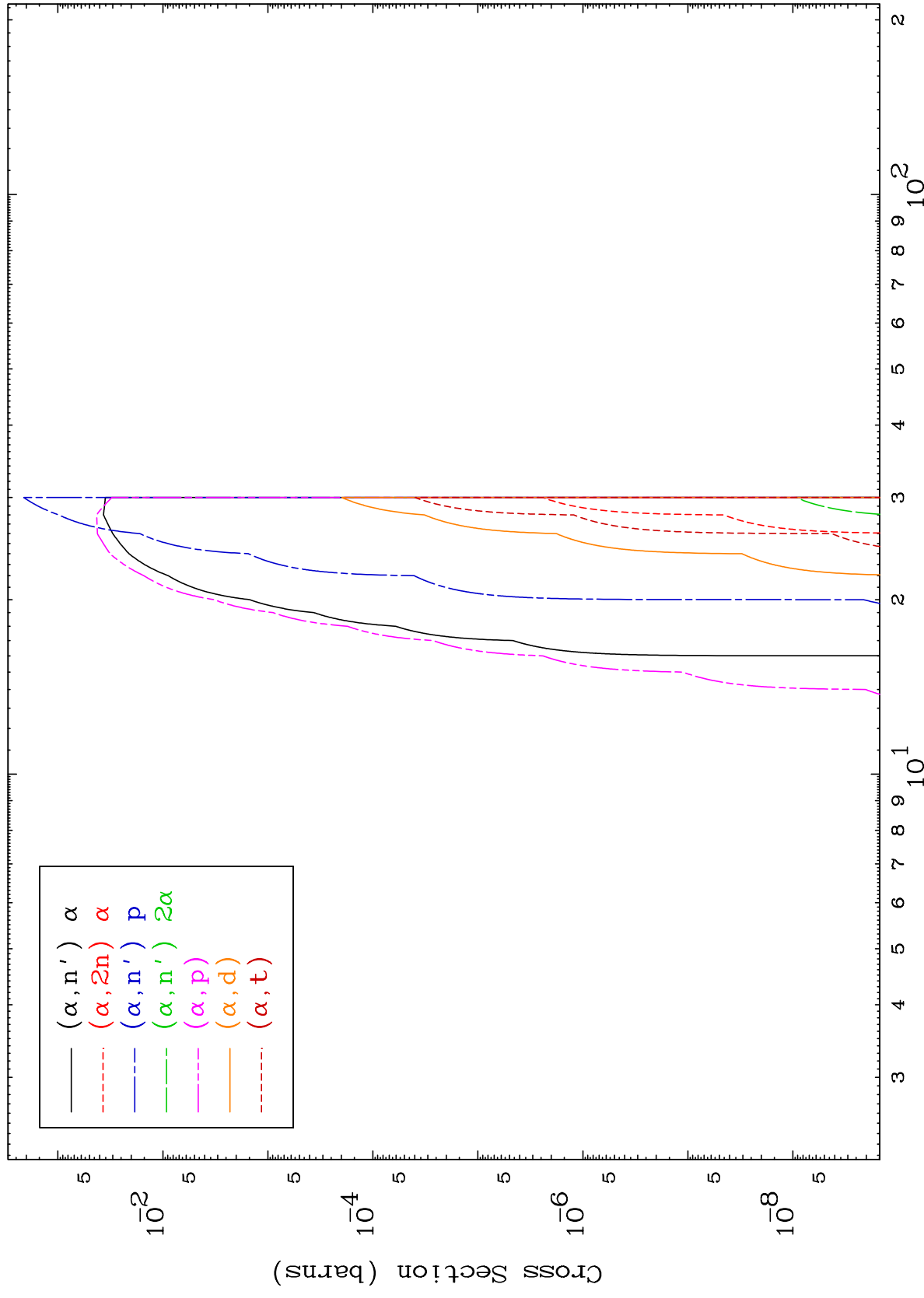
MAT 8193

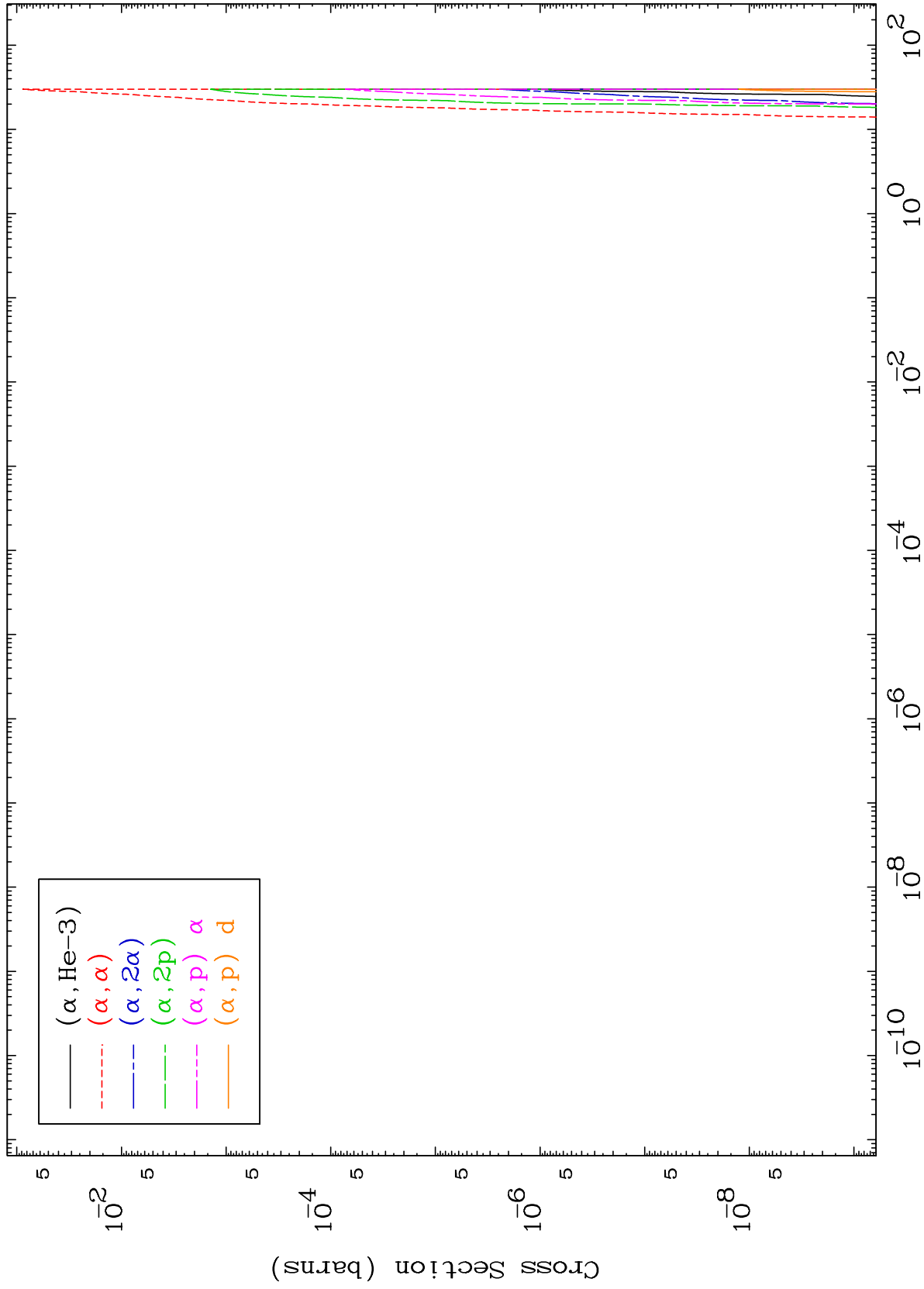
0 Kelvin α Major
Cross Sections

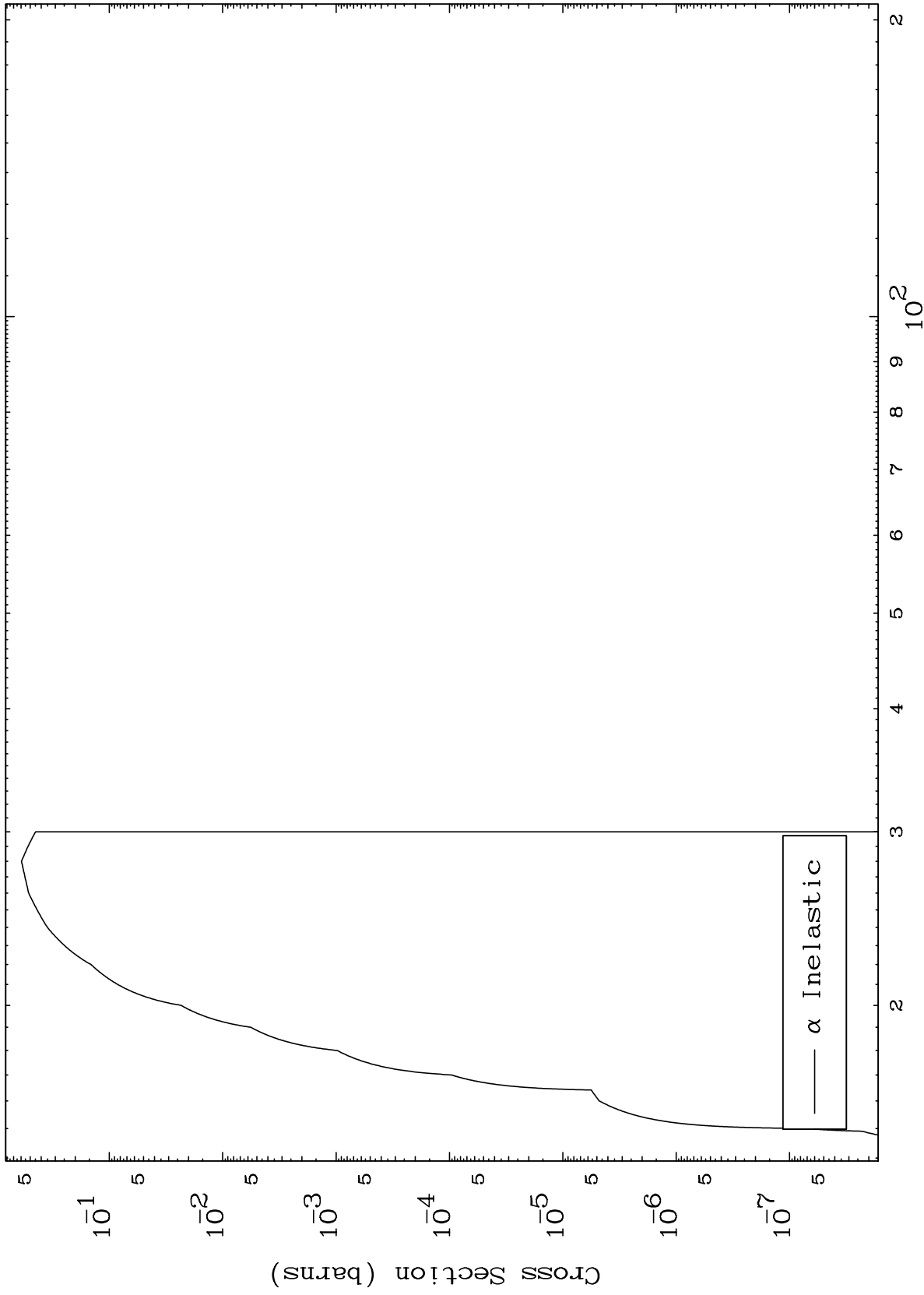
82-Pb-193







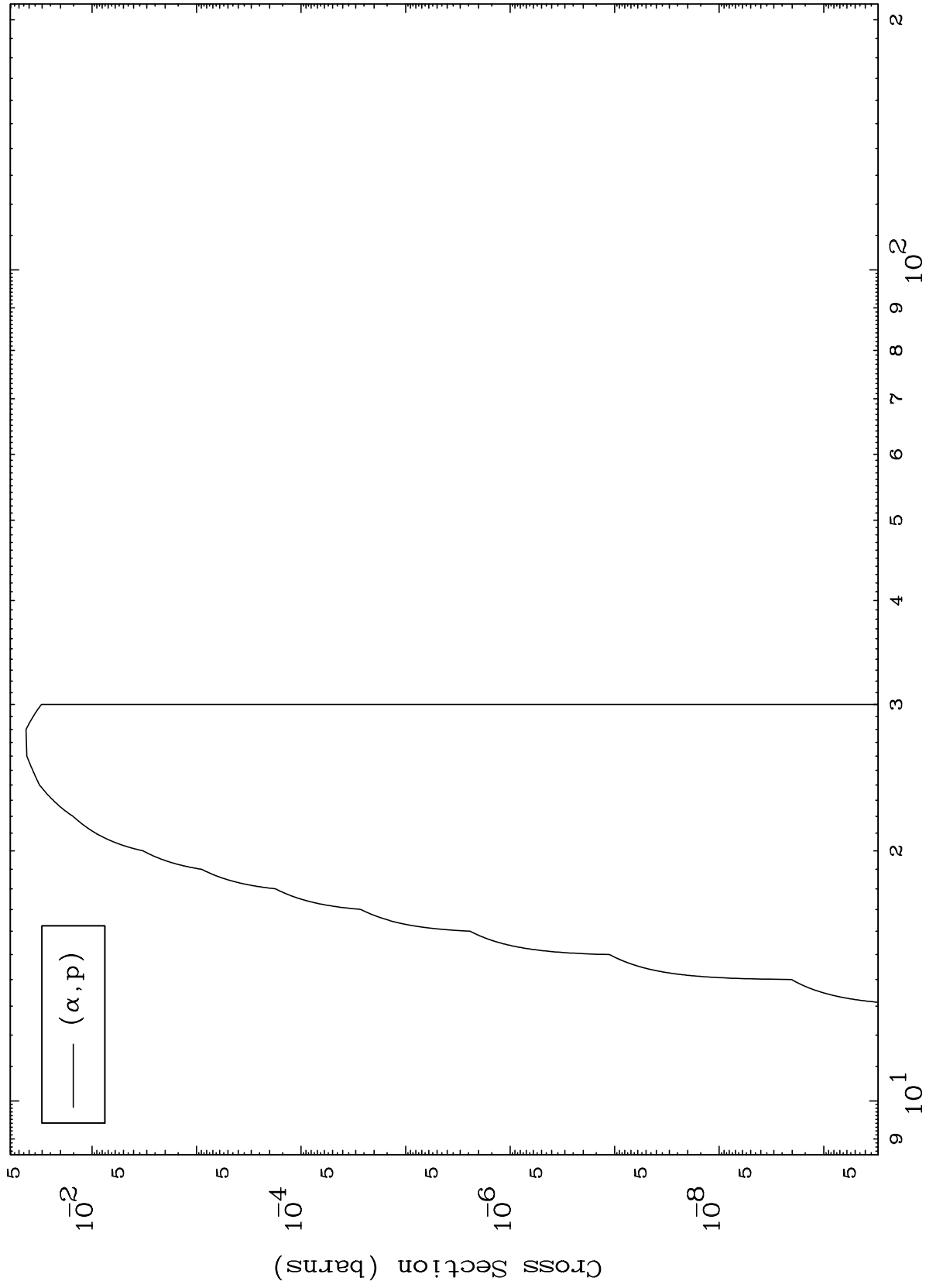




MAT 8193

(α, p) Levels
0 Kelvin Cross Sections

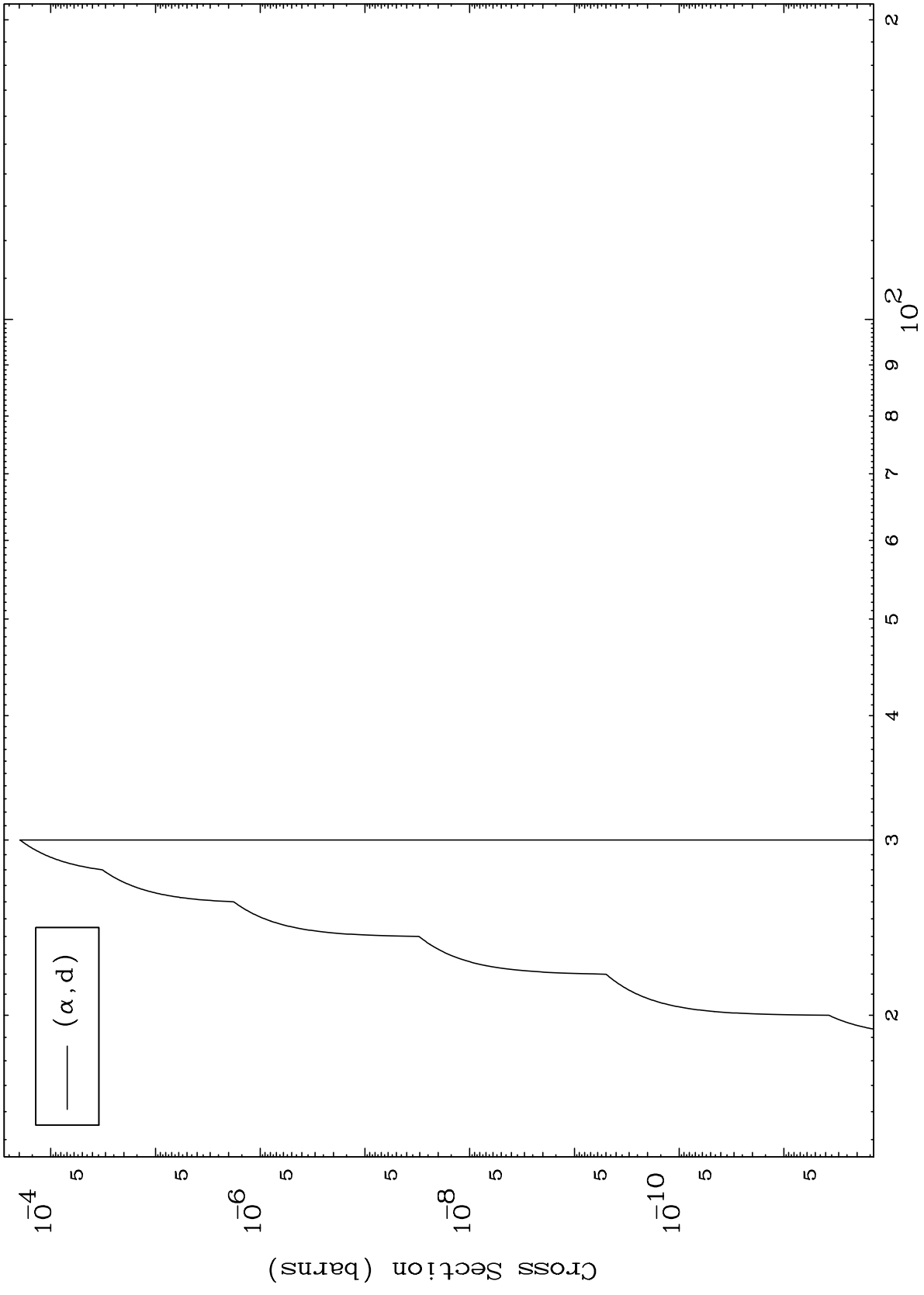
82-Pb-193



6

Incident Energy (MeV)

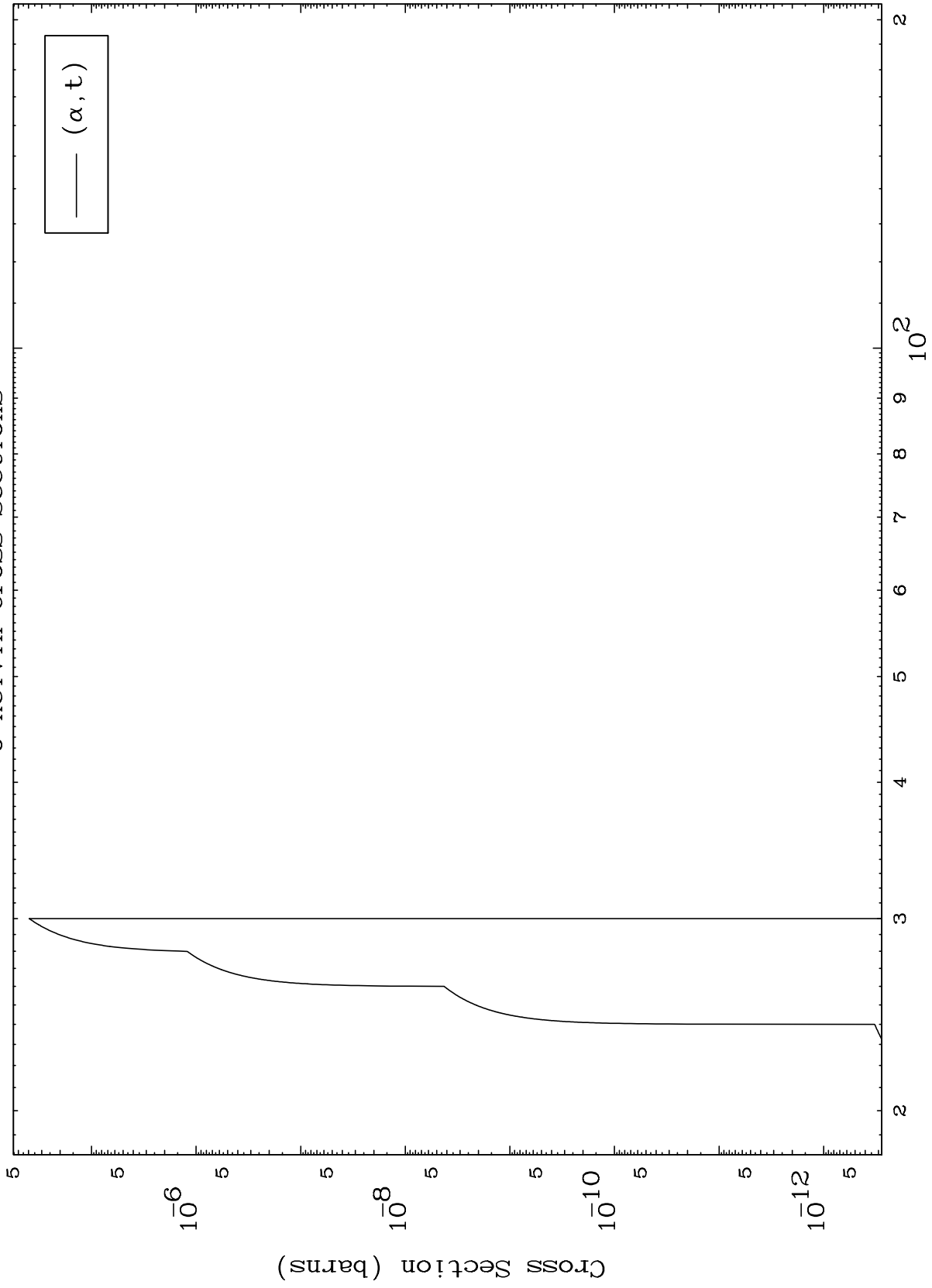
82-Pb-193



MAT 8193

(α, t) Levels
0 Kelvin Cross Sections

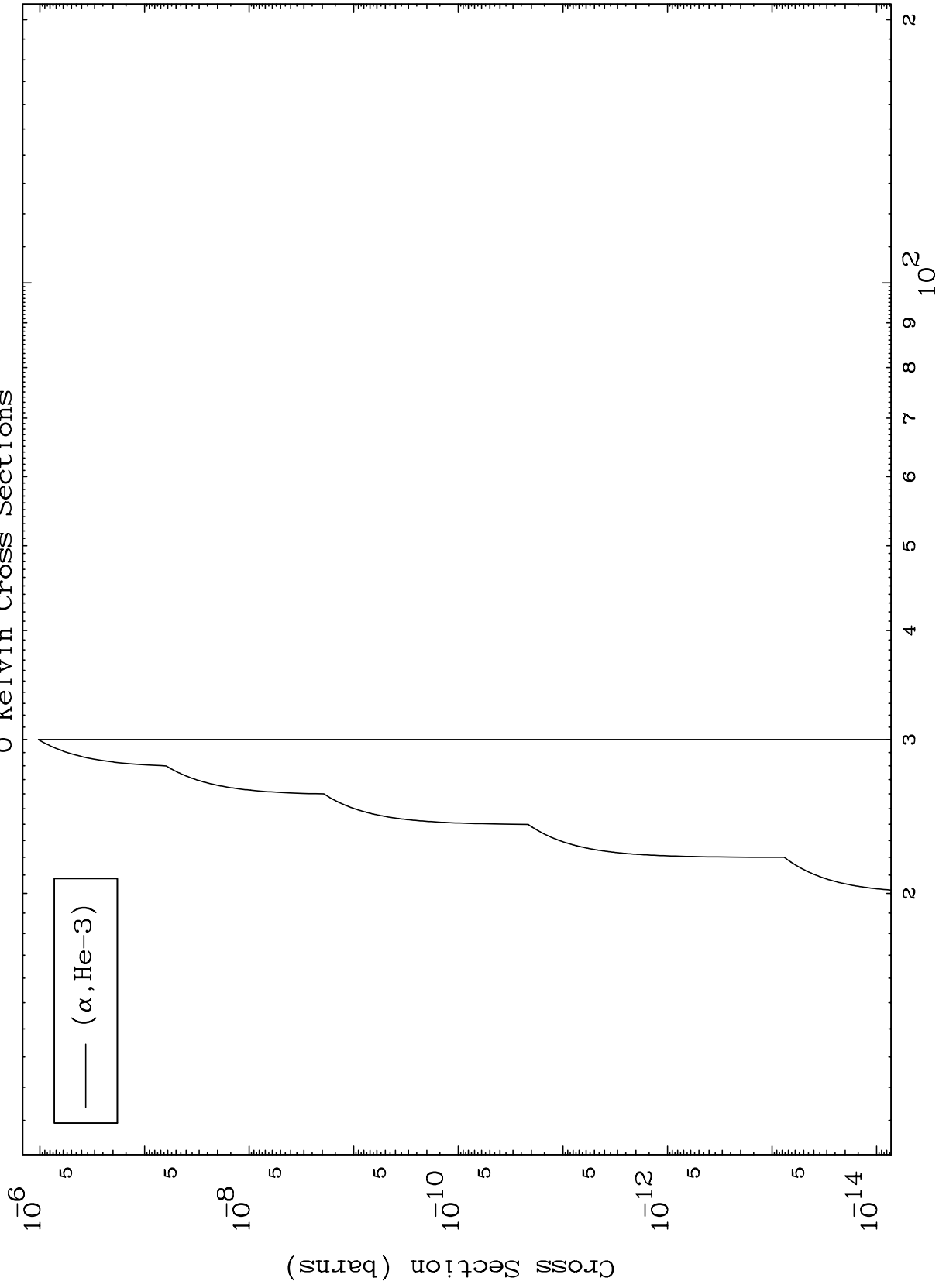
82-Pb-193



8

Incident Energy (MeV)

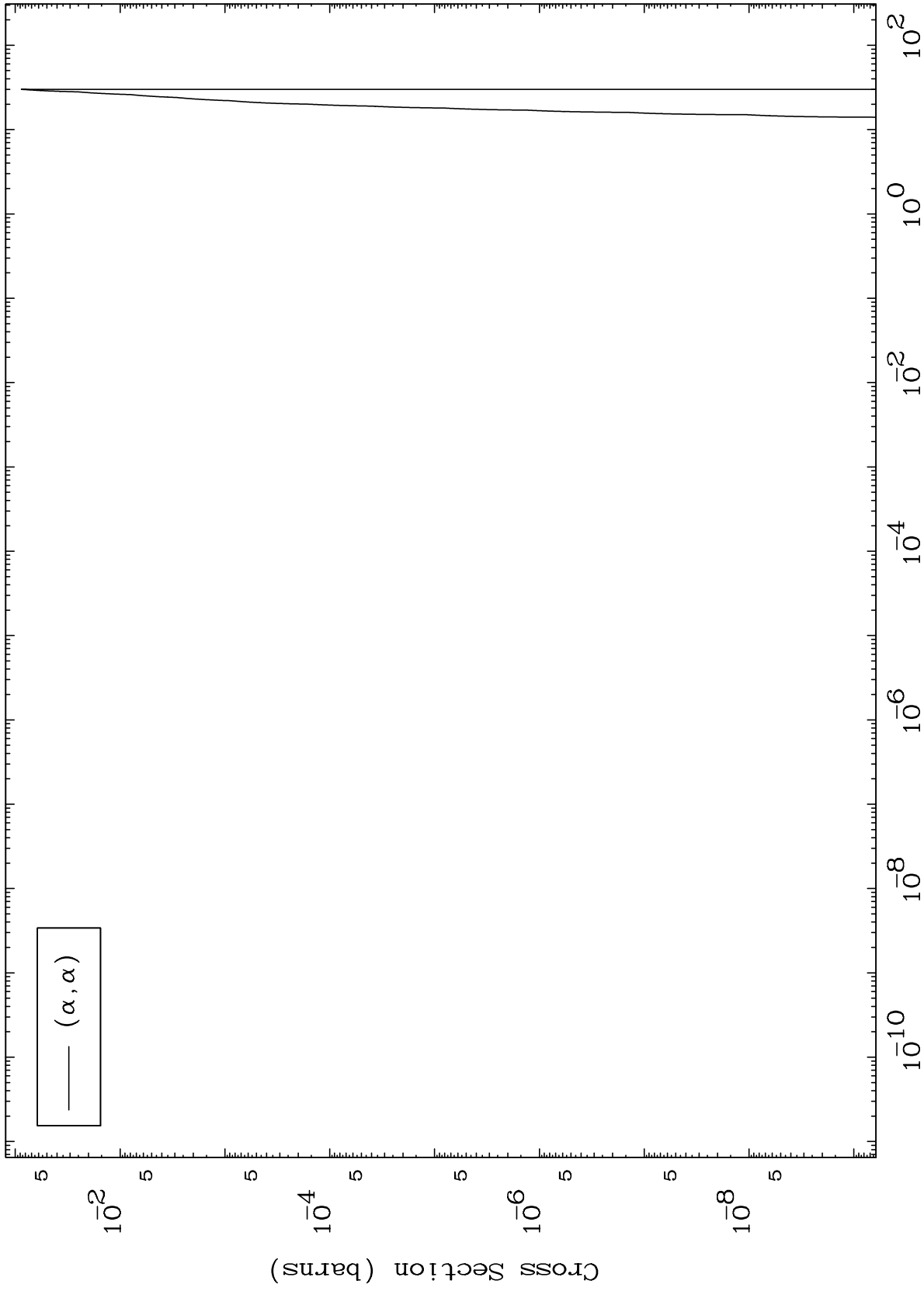
82-Pb-193



MAT 8193

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-193



10

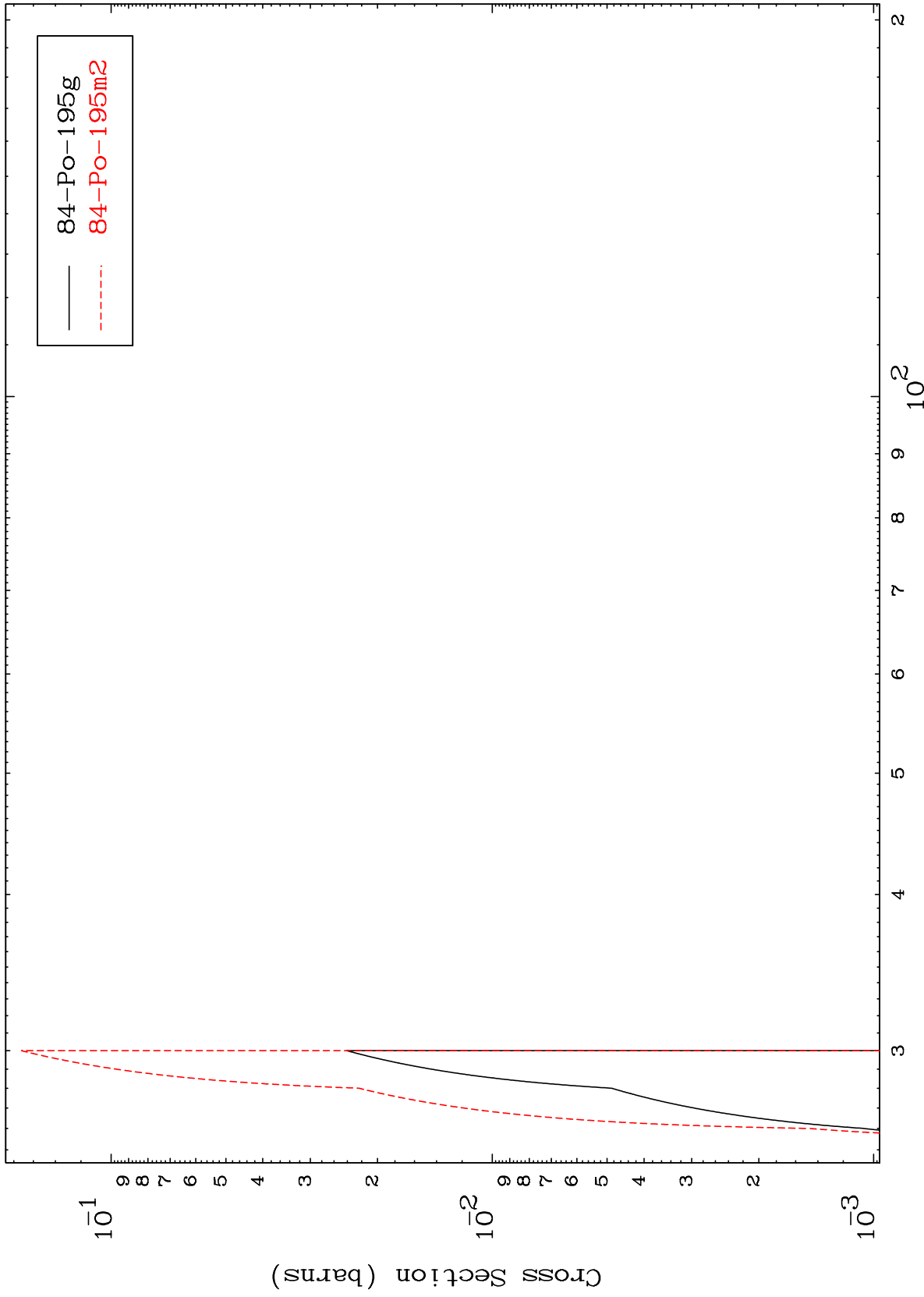
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

($\alpha, 2n$)
Radionuclide Production Cross Section



11

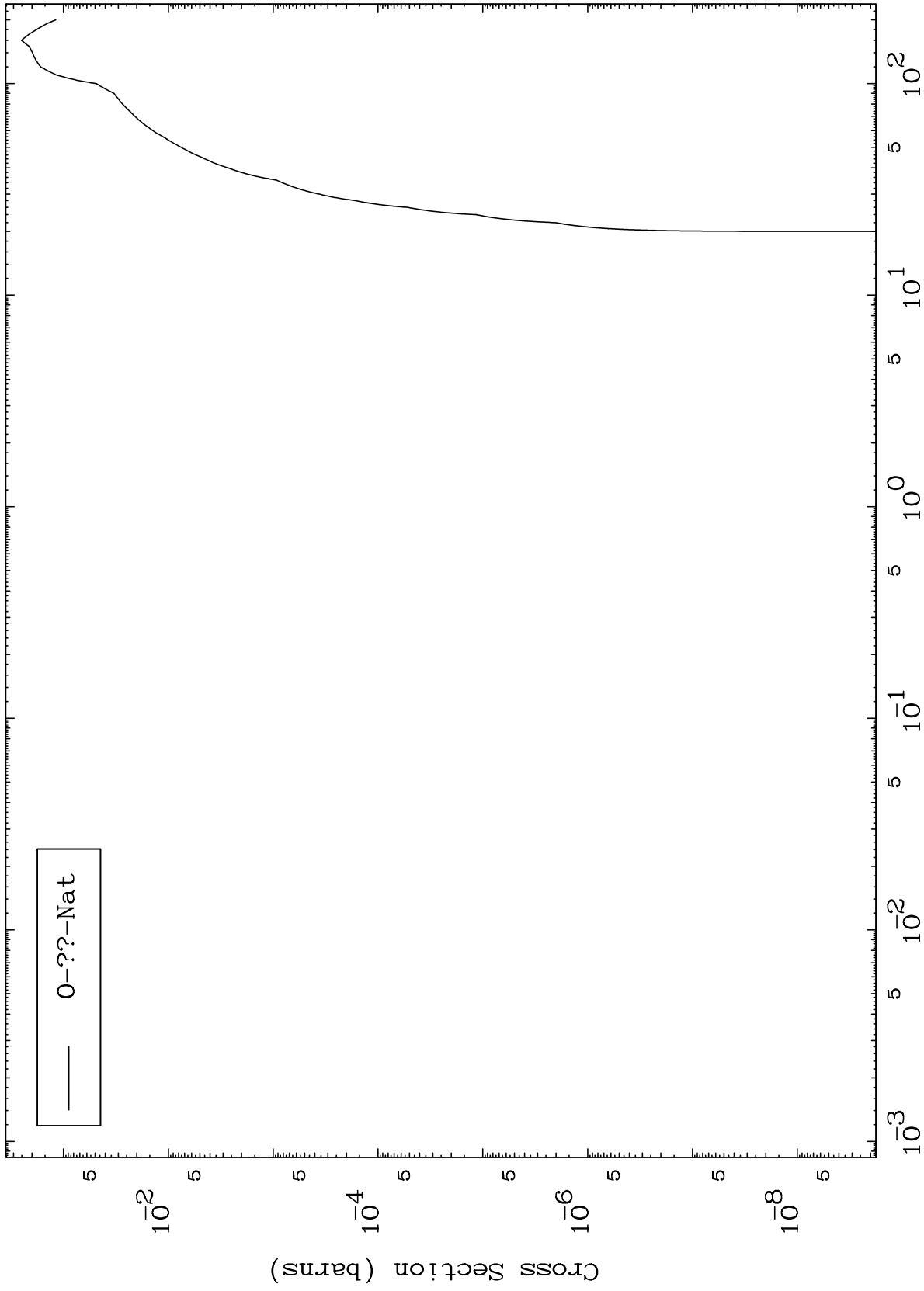
Incident Energy (MeV)

82-Pb-193

MAT 8193

α Fission
Radionuclide Production Cross Section

82-Pb-193



12

Incident Energy (MeV)

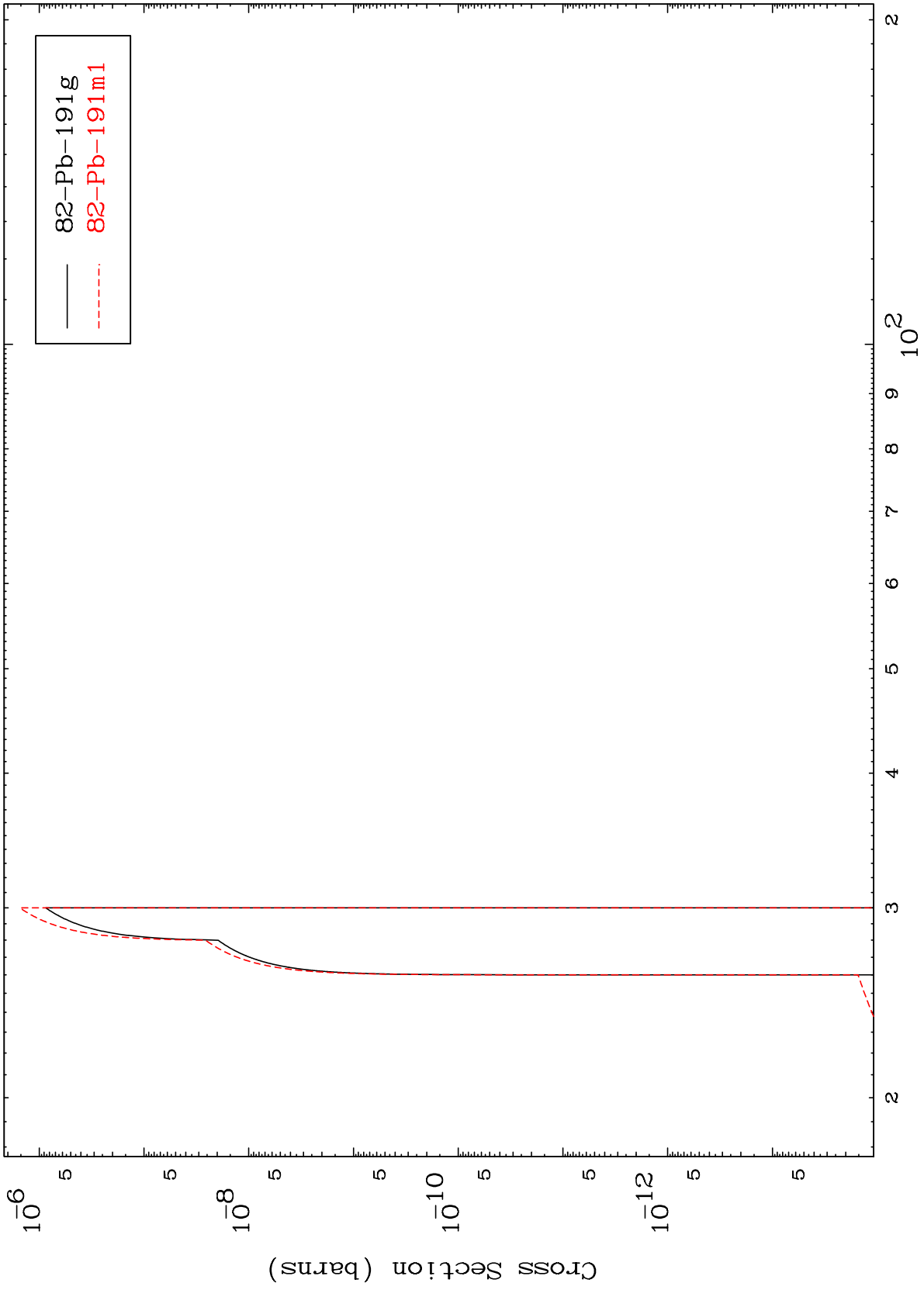
82-Pb-193

MAT 8193

$(\alpha, 2n) \alpha$

$^{82}\text{Pb-193}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

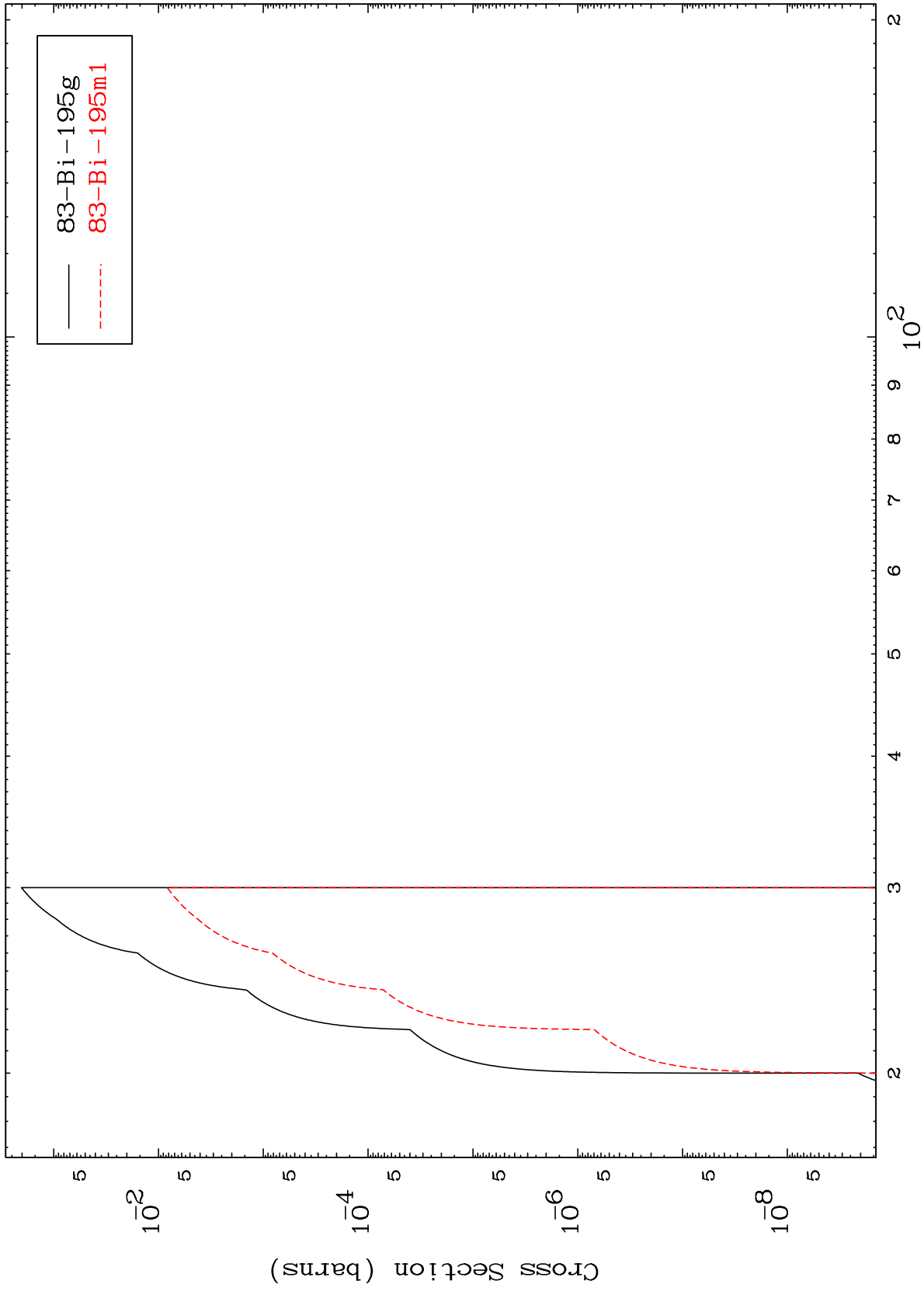
$^{82}\text{Pb-193}$

MAT 8193

(α, n') p

82-Pb-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

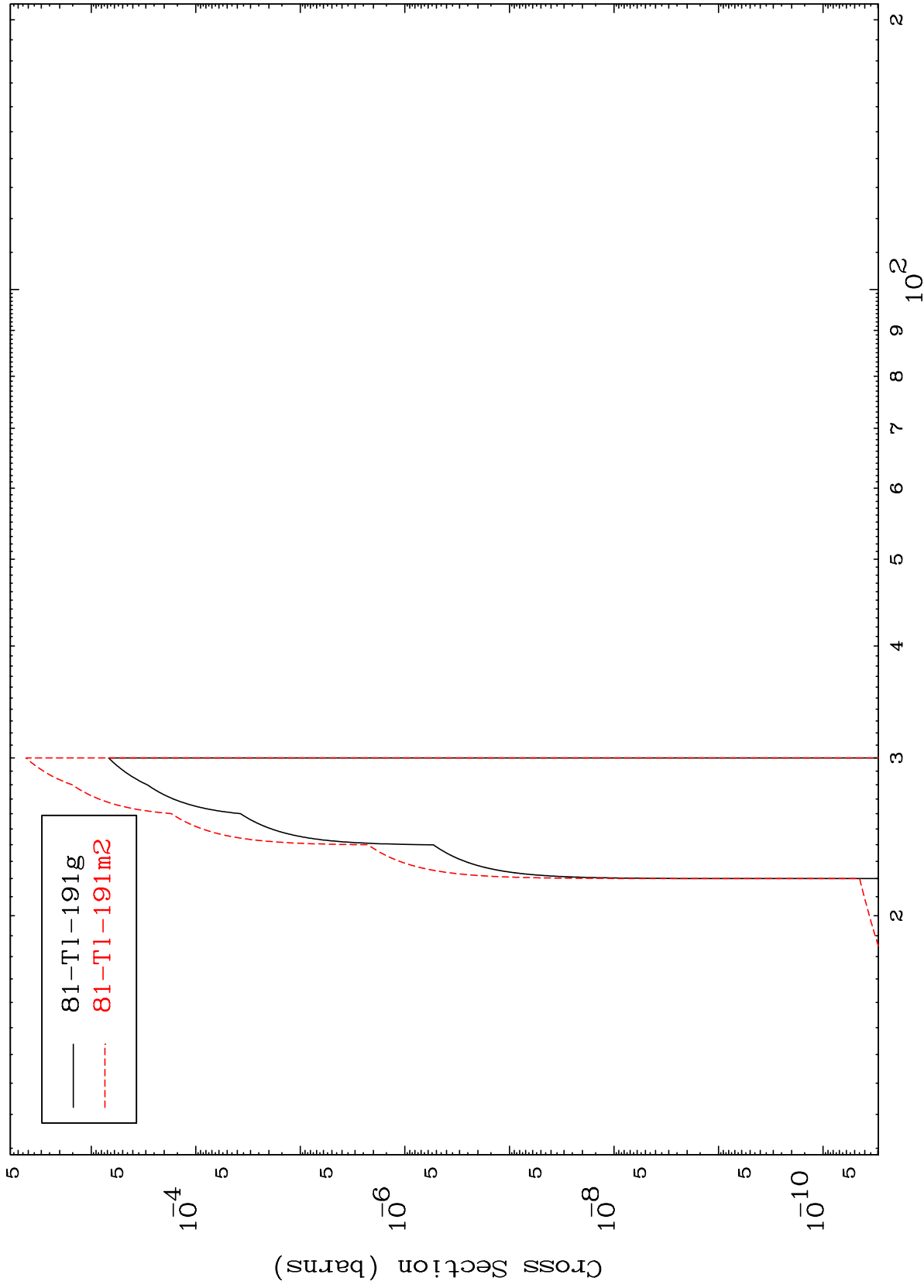
82-Pb-193

MAT 8193

(α, n') p α

82-Pb-193

Radionuclide Production Cross Section



15

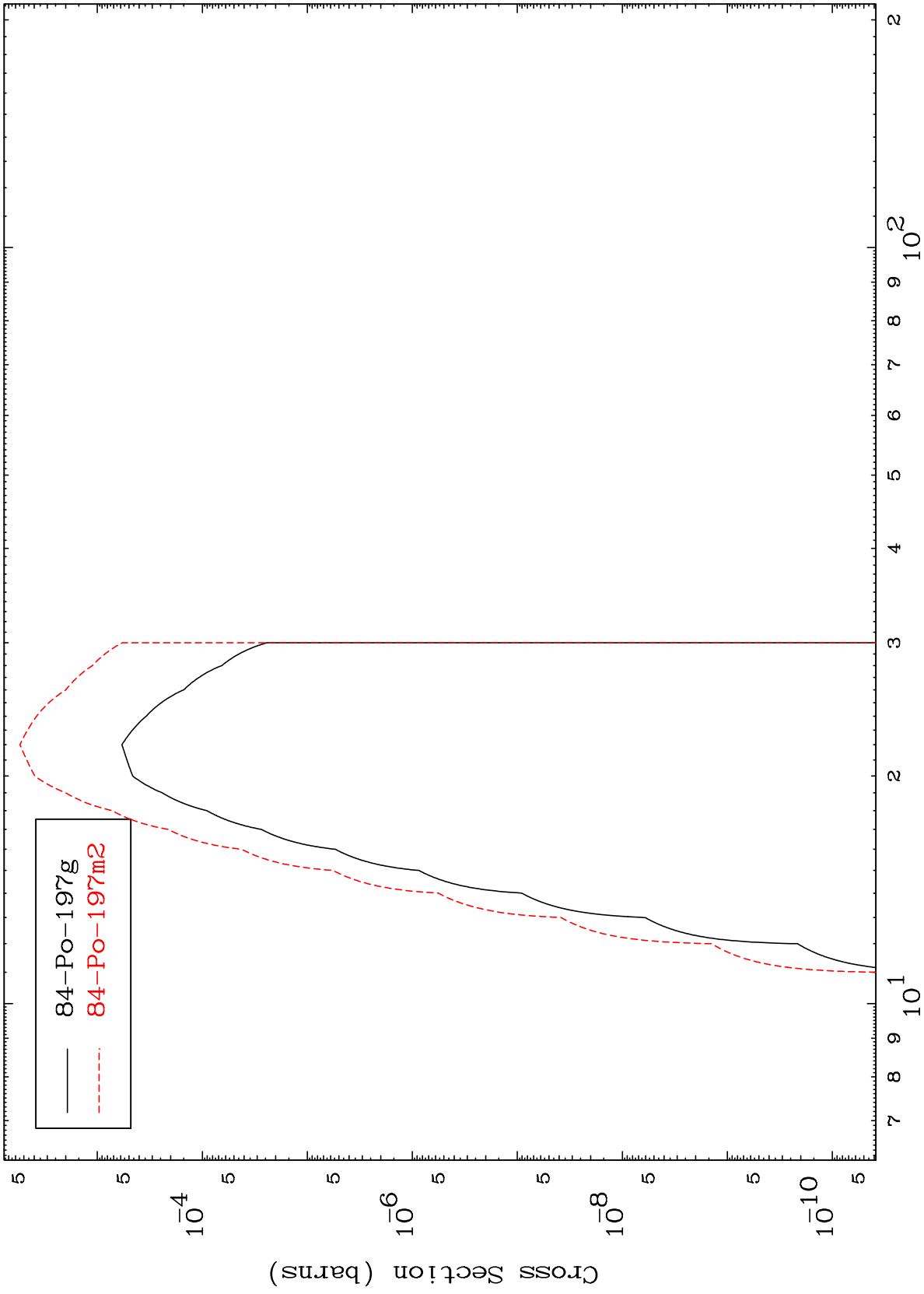
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(α, γ)
Radionuclide Production Cross Section



16

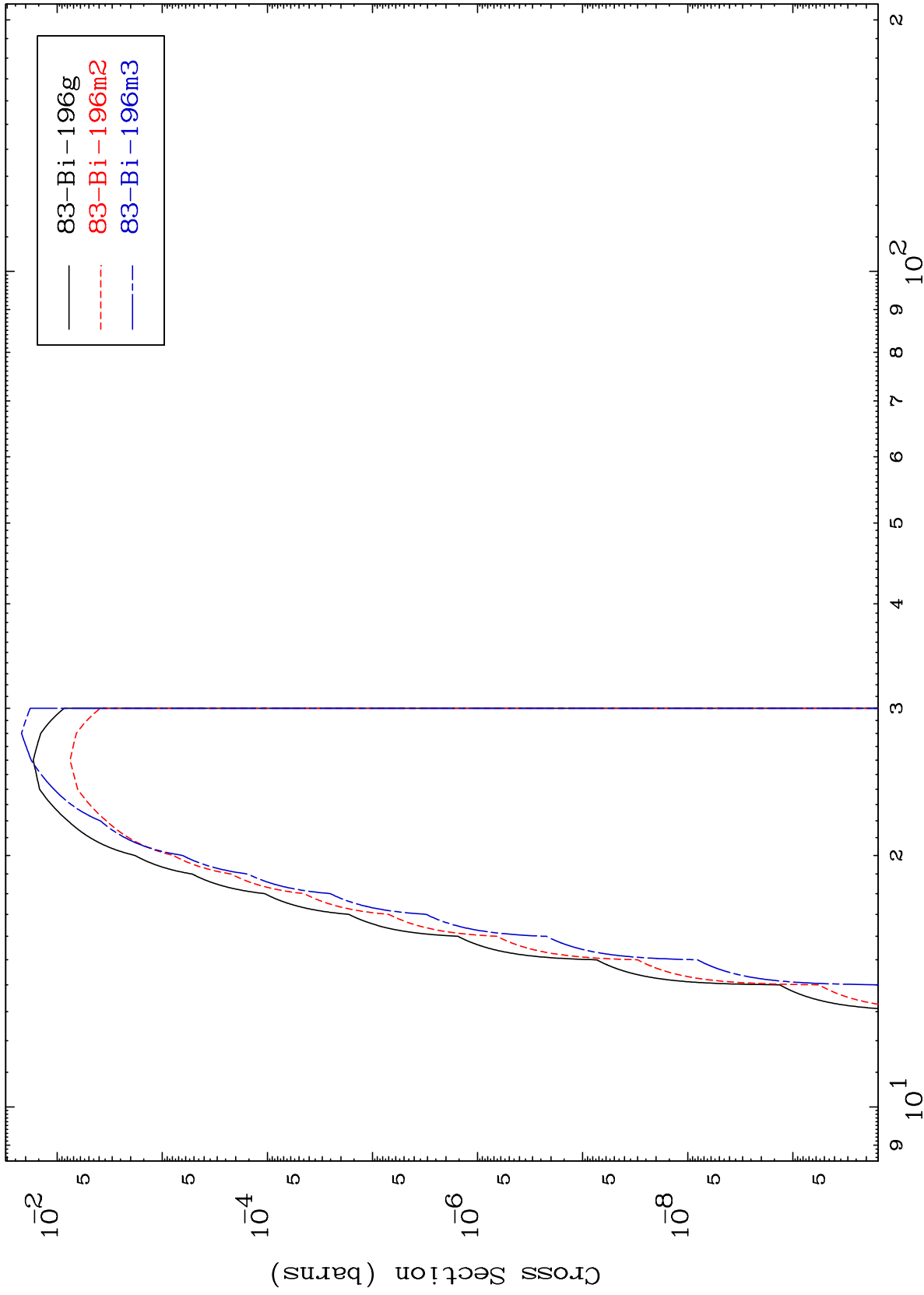
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(α, p)
Radionuclide Production Cross Section



17

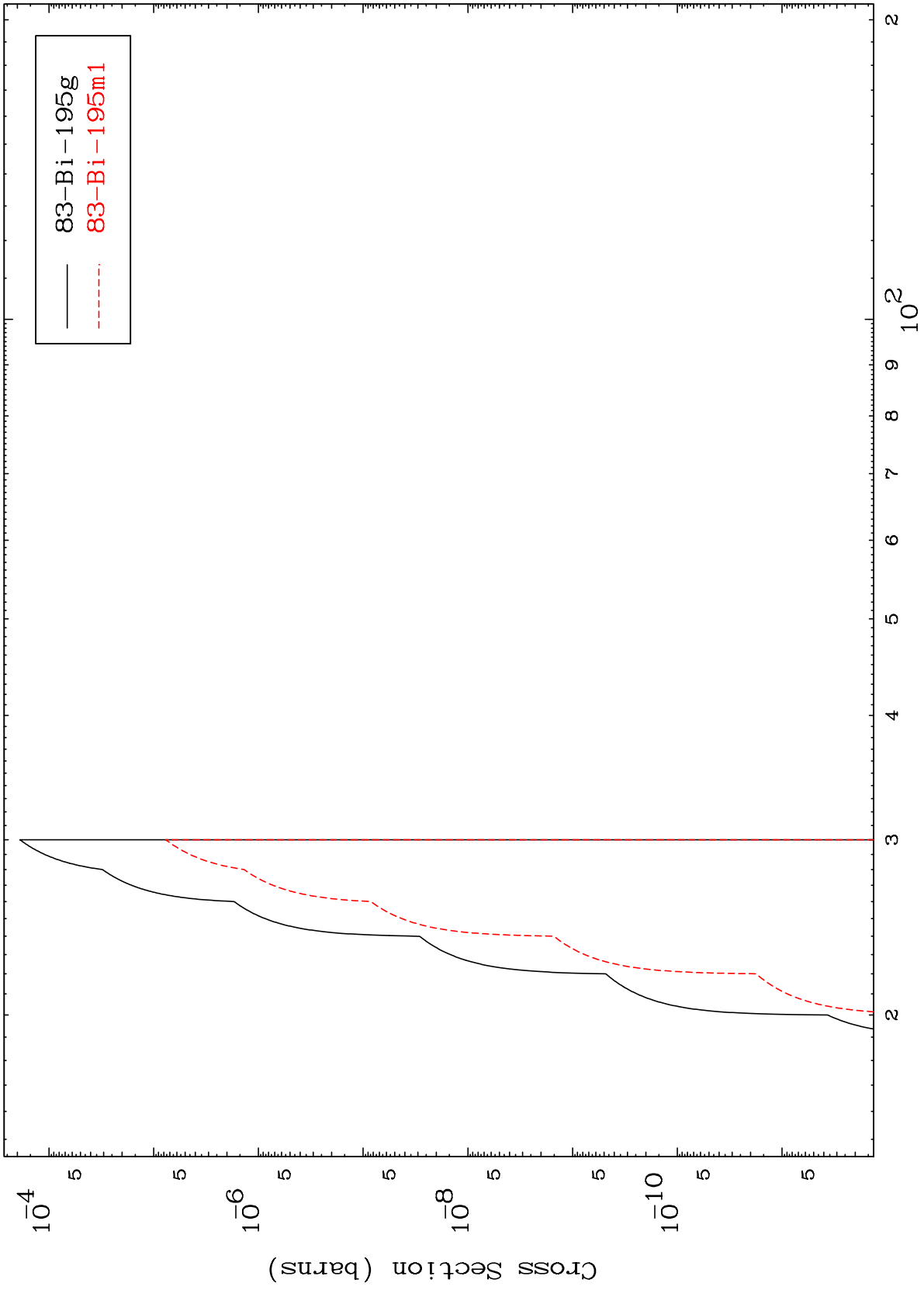
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(α, d)
Radionuclide Production Cross Section



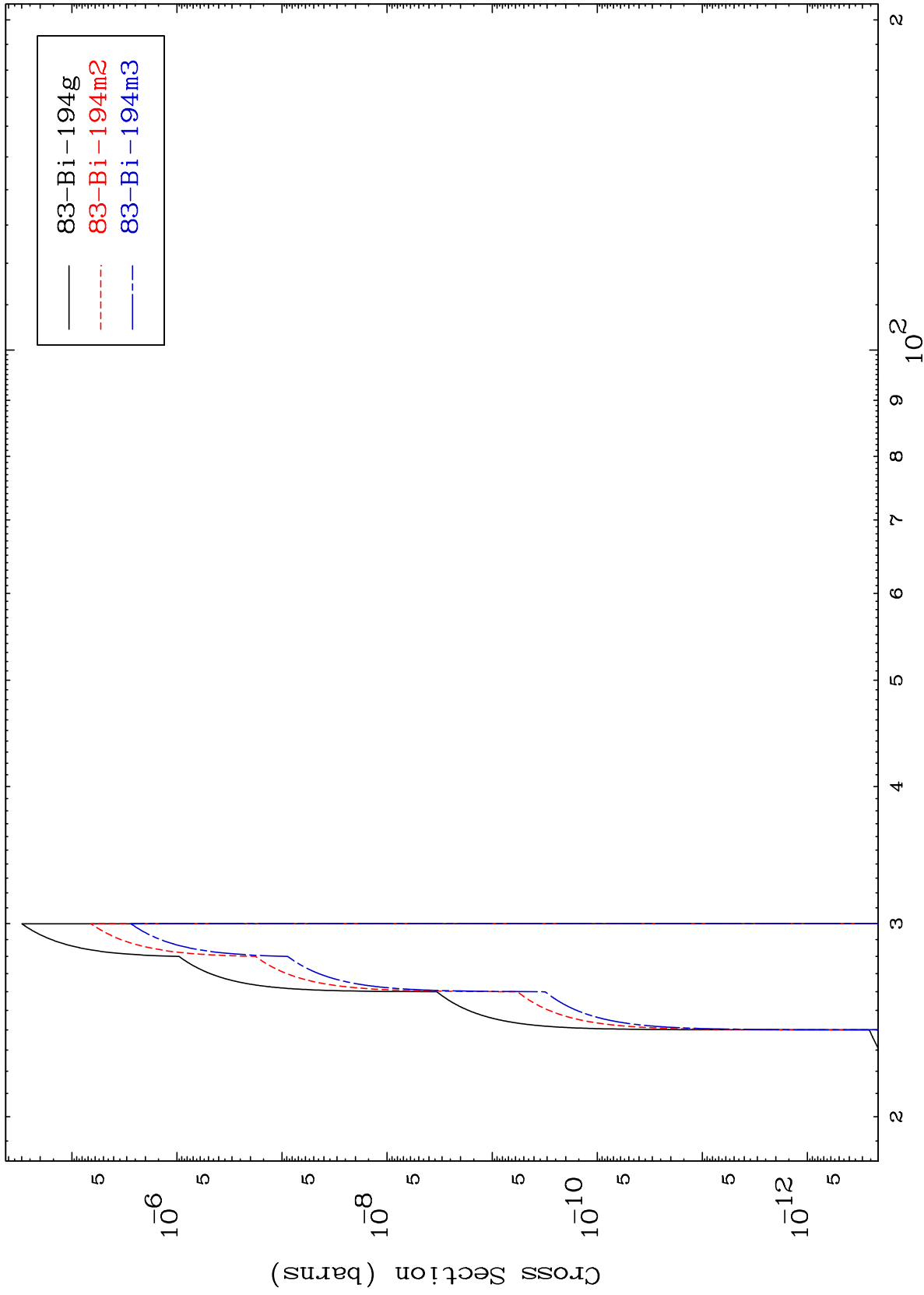
18

82-Pb-193

MAT 8193

82-Pb-193

(α, t)
Radionuclide Production Cross Section



19

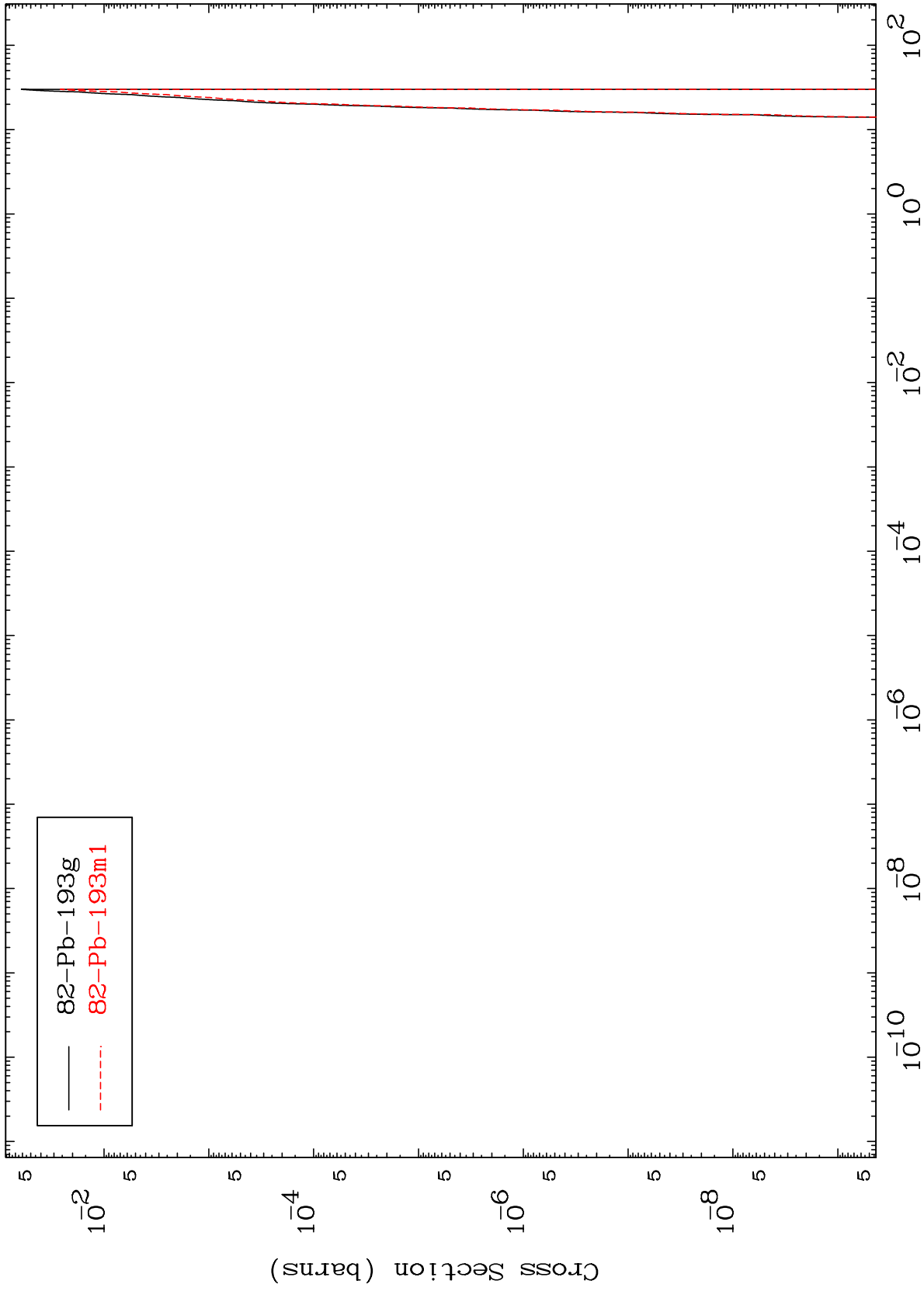
82-Pb-193

MAT 8193

(α, α)

82-Pb-193

Radionuclide Production Cross Section



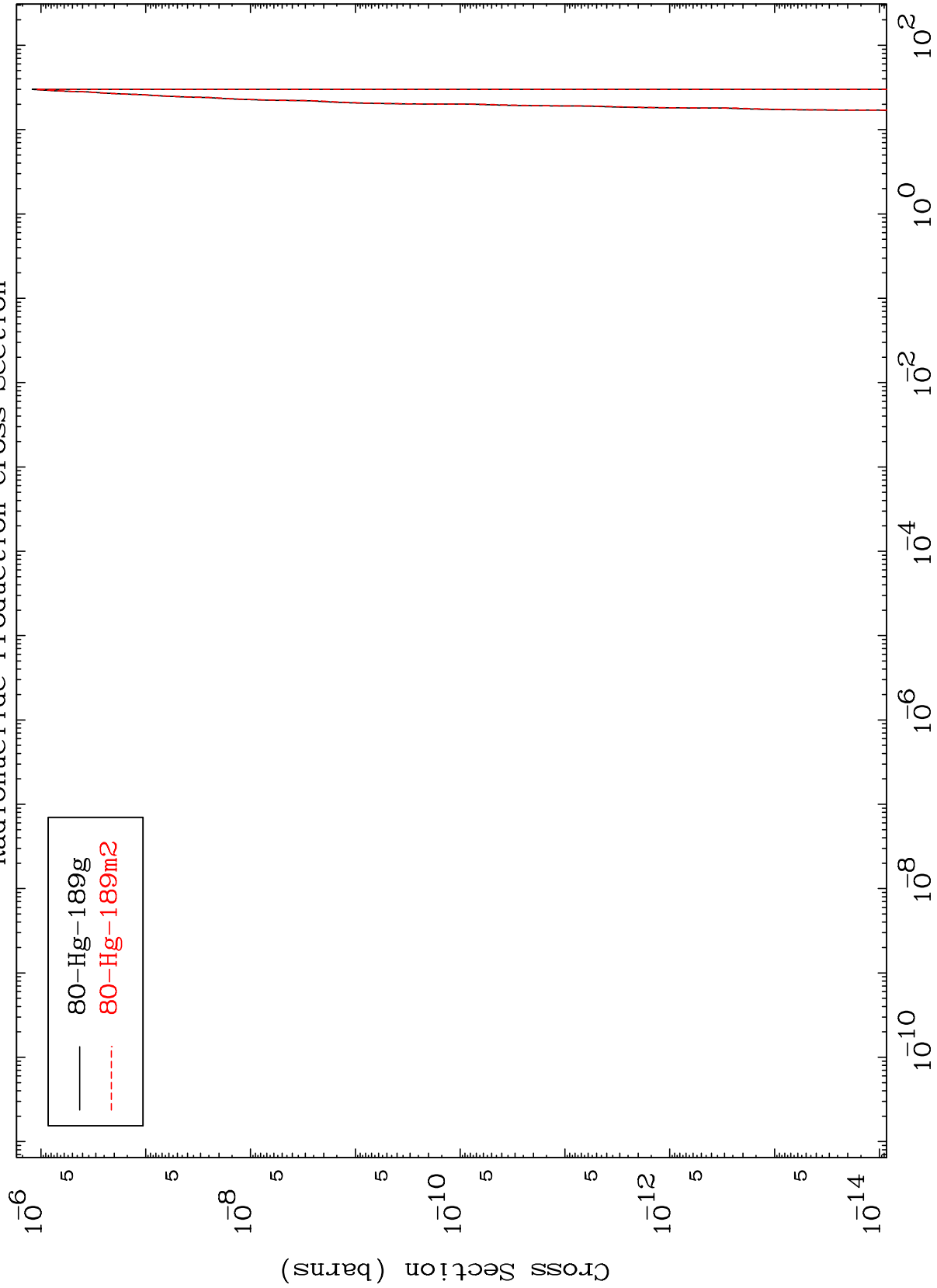
20

MAT 8193

($\alpha, 2\alpha$)

82-Pb-193

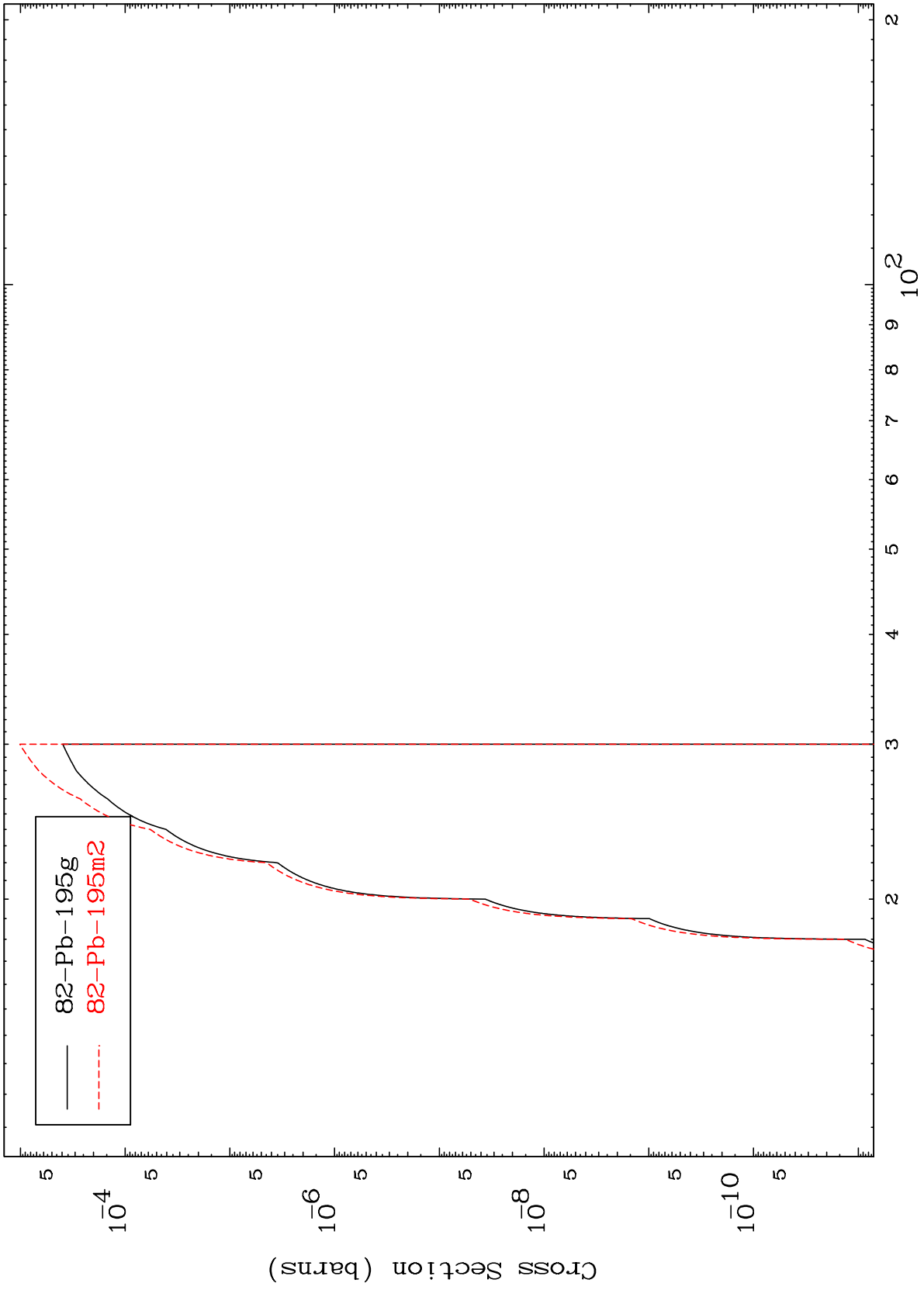
Radionuclide Production Cross Section



MAT 8193

82-Pb-193

($\alpha, 2p$)
Radionuclide Production Cross Section



22

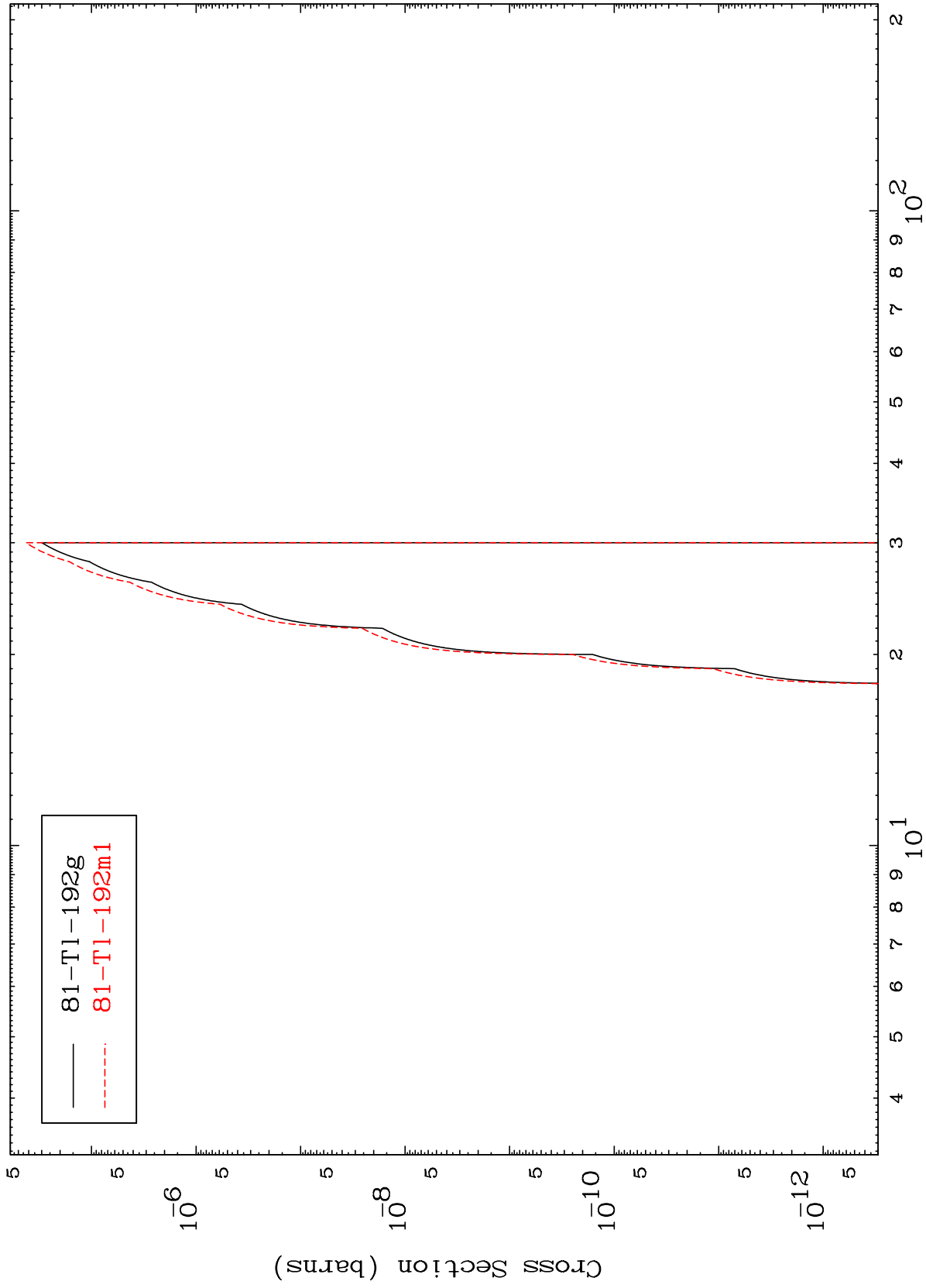
82-Pb-193

MAT 8193

(α, p) α

82-Pb-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

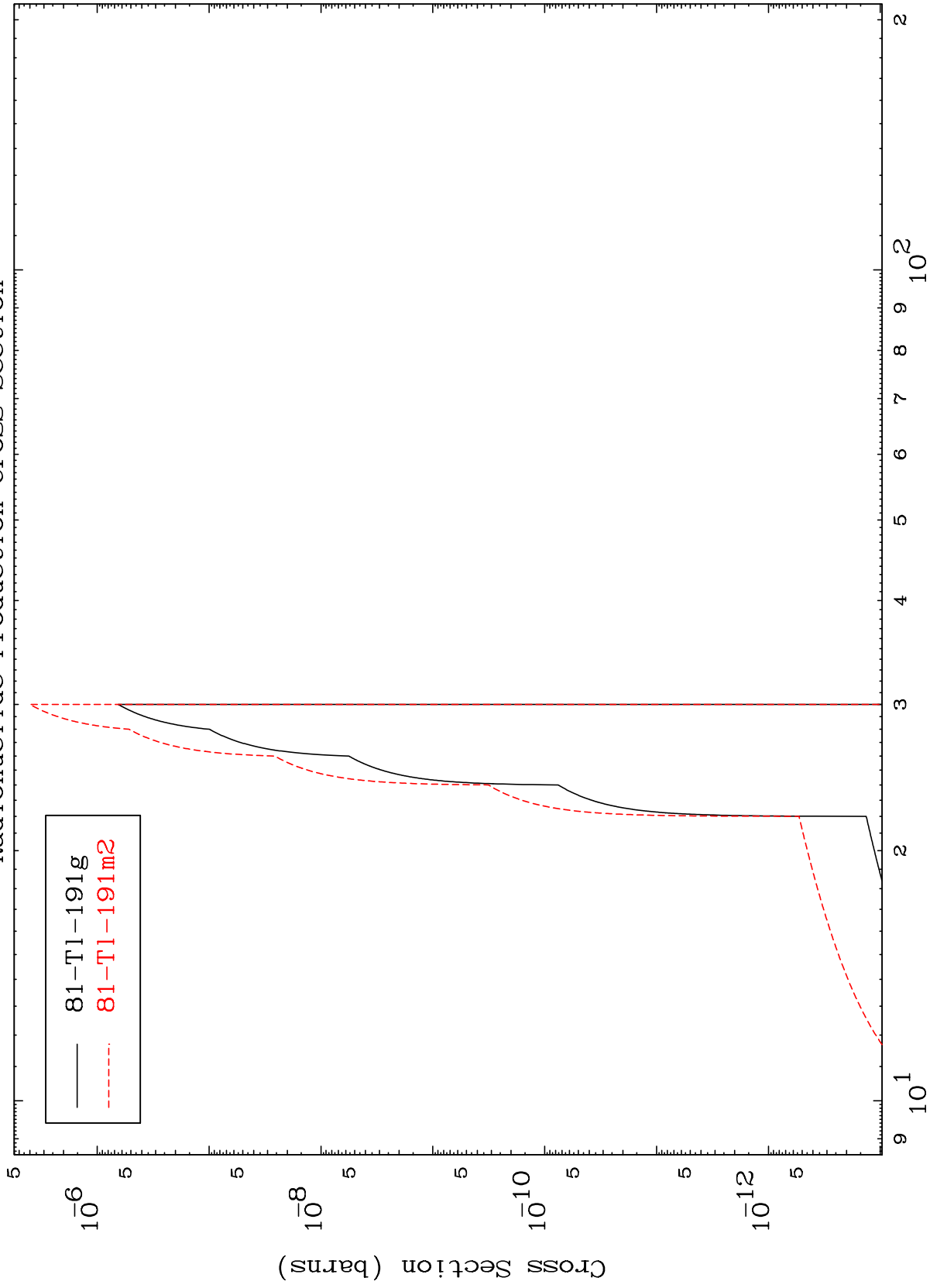
82-Pb-193

MAT 8193

(α, d) α

82-Pb-193

Radionuclide Production Cross Section



24