

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

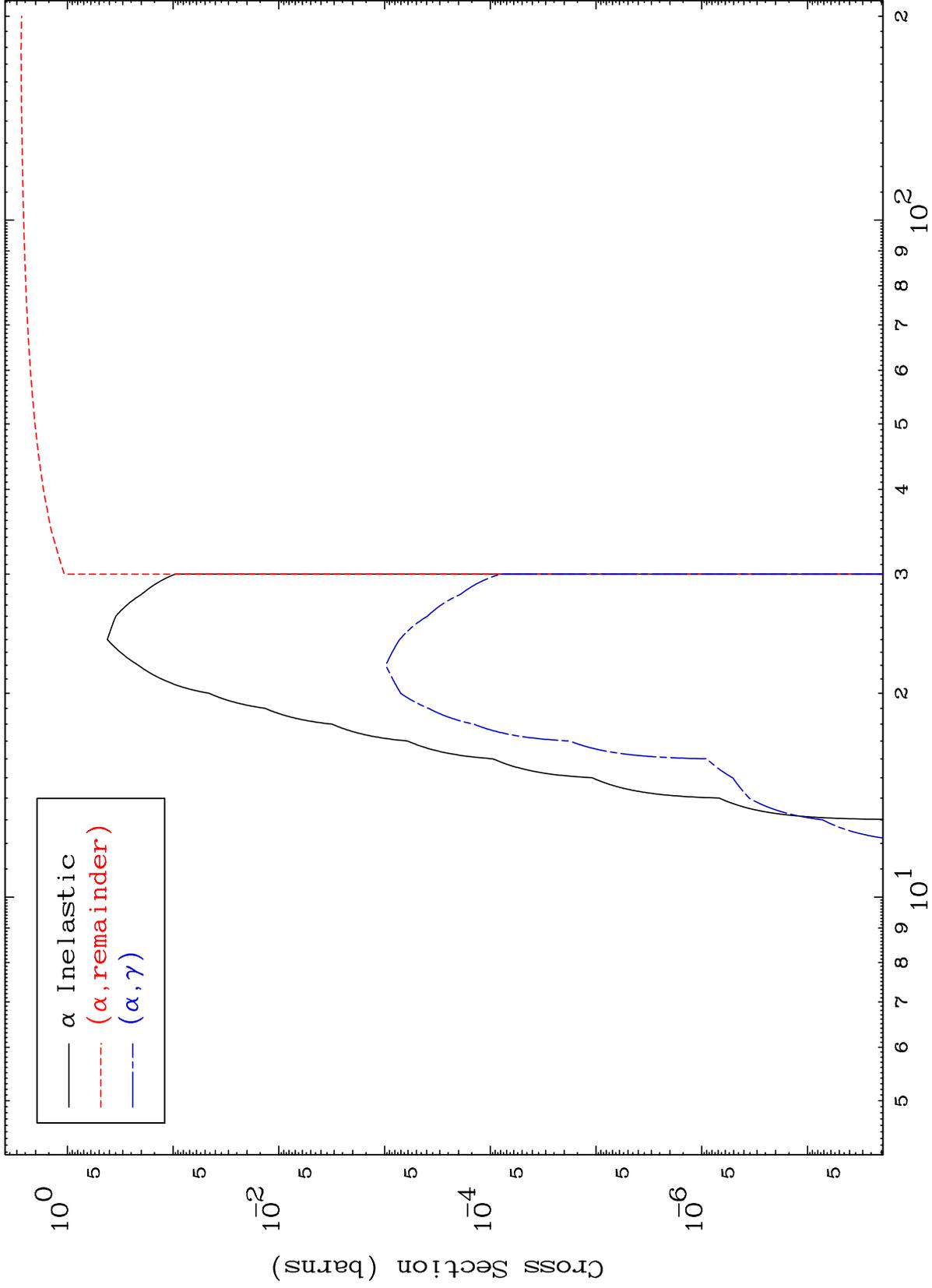
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8105

α Major
0 Kelvin Cross Sections

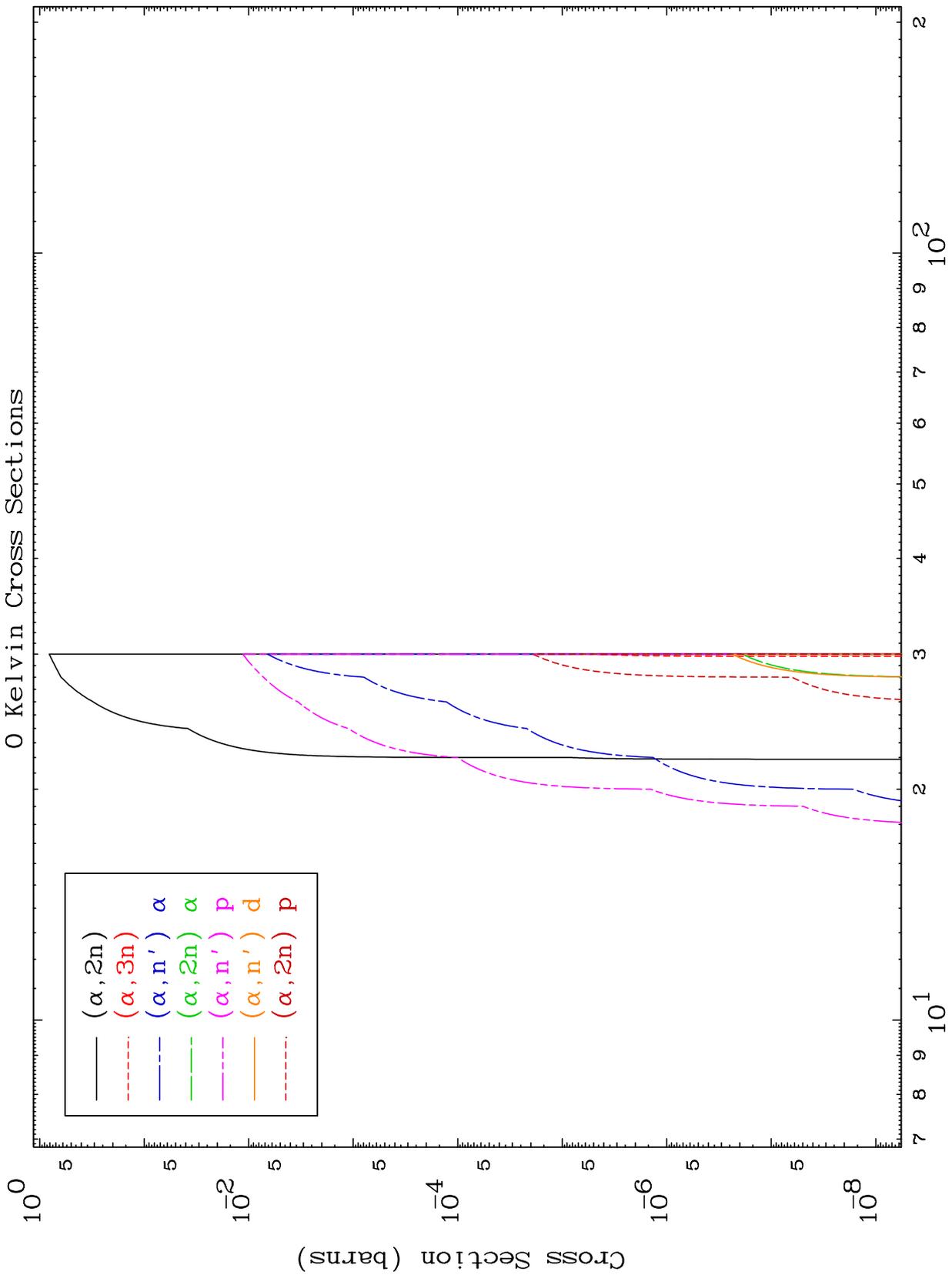
81-T1-196

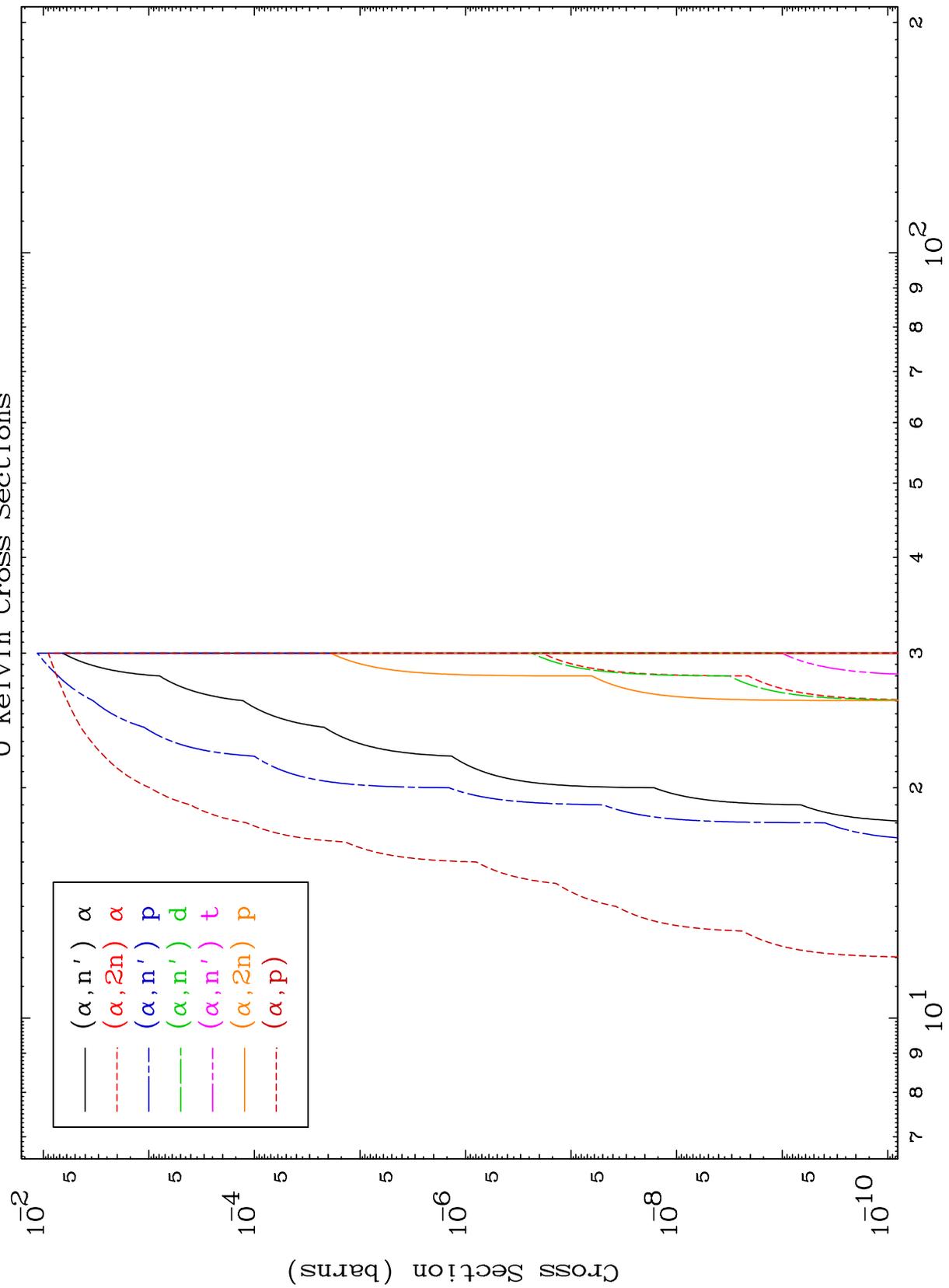


1

Incident Energy (MeV)

81-T1-196

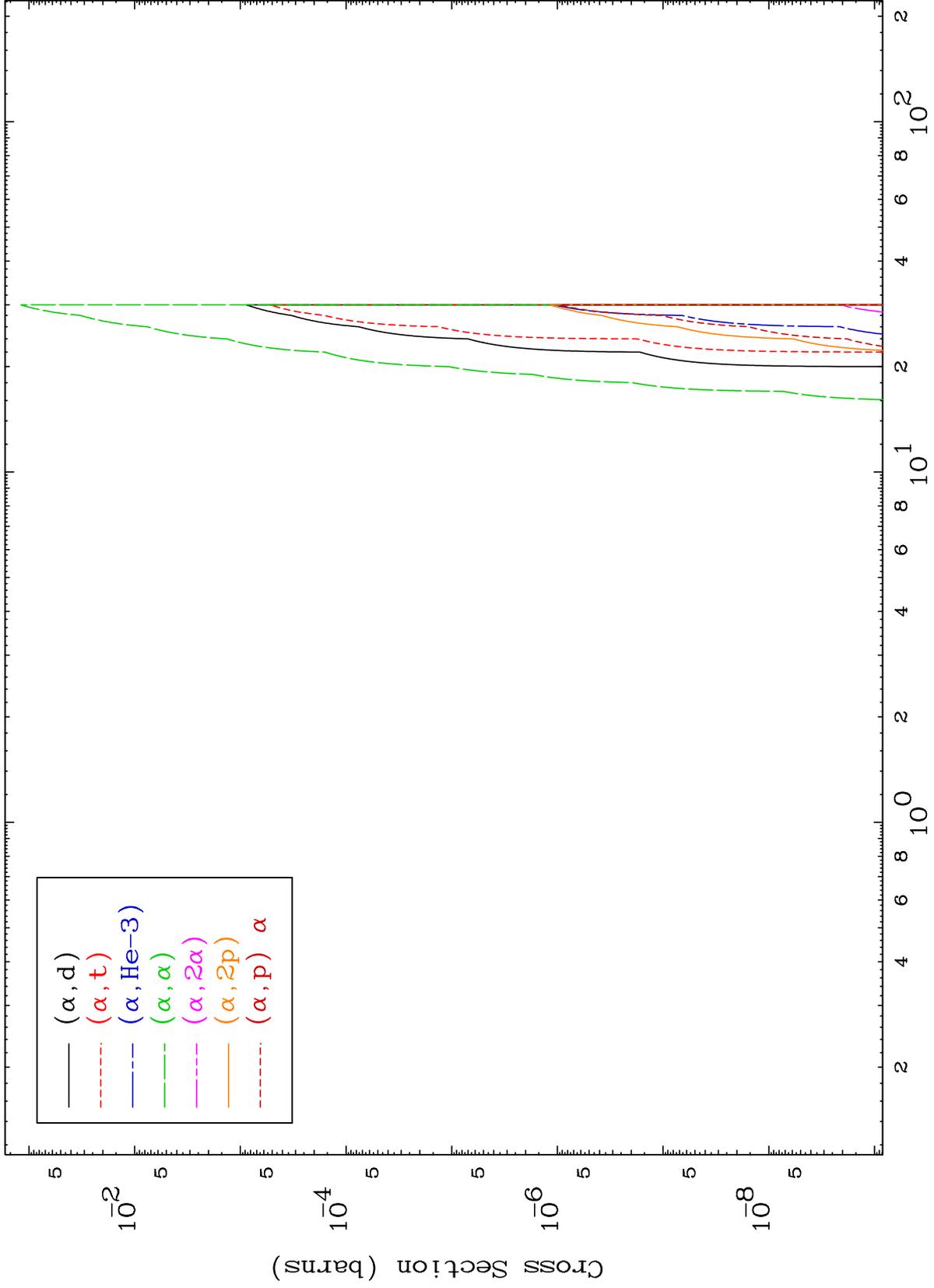




MAT 8105

α Charged Particle
0 Kelvin Cross Sections

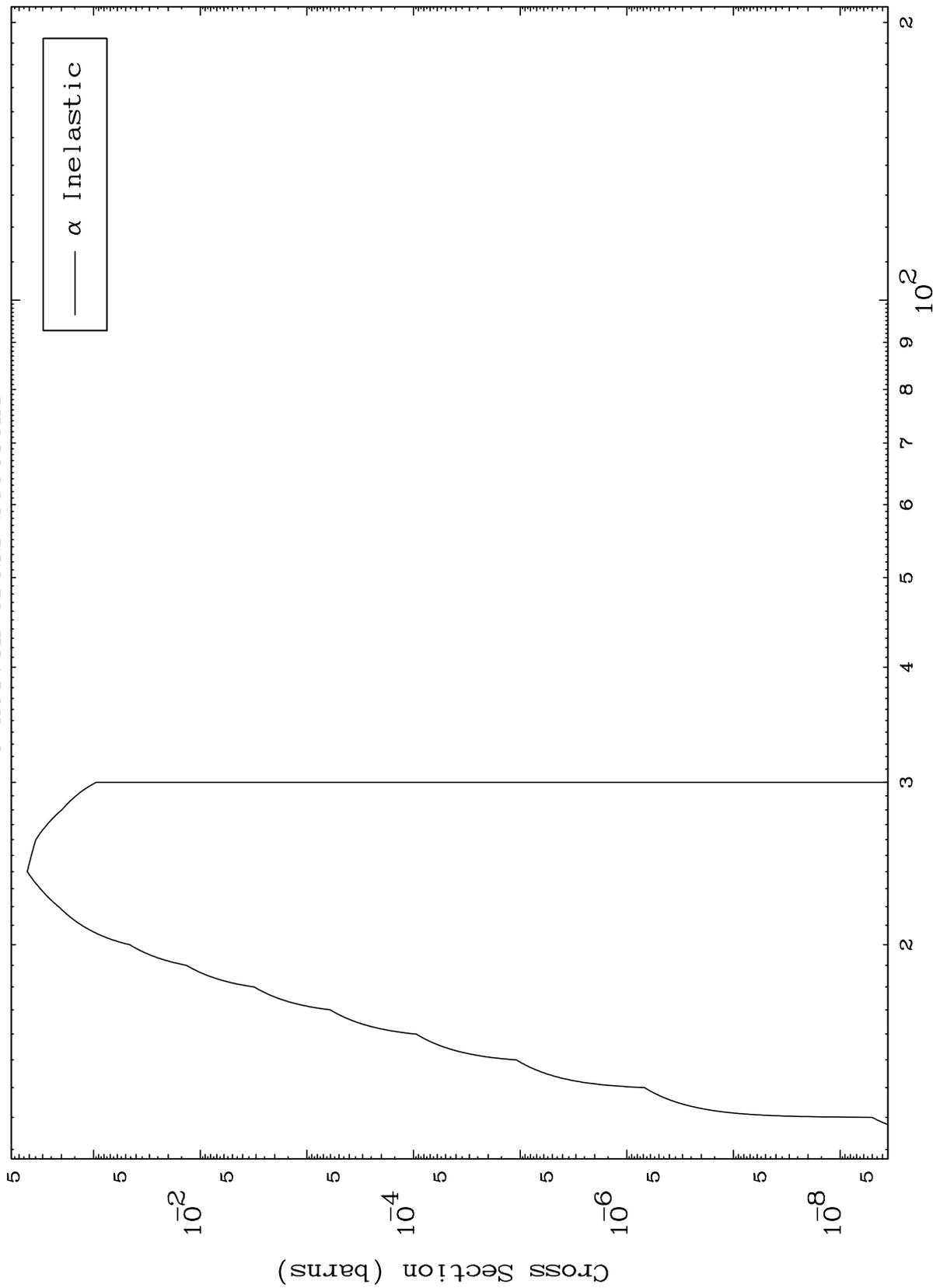
81-Tl-196



MAT 8105

81-T1-196

(α, n') Level
0 Kelvin Cross Sections



81-T1-196

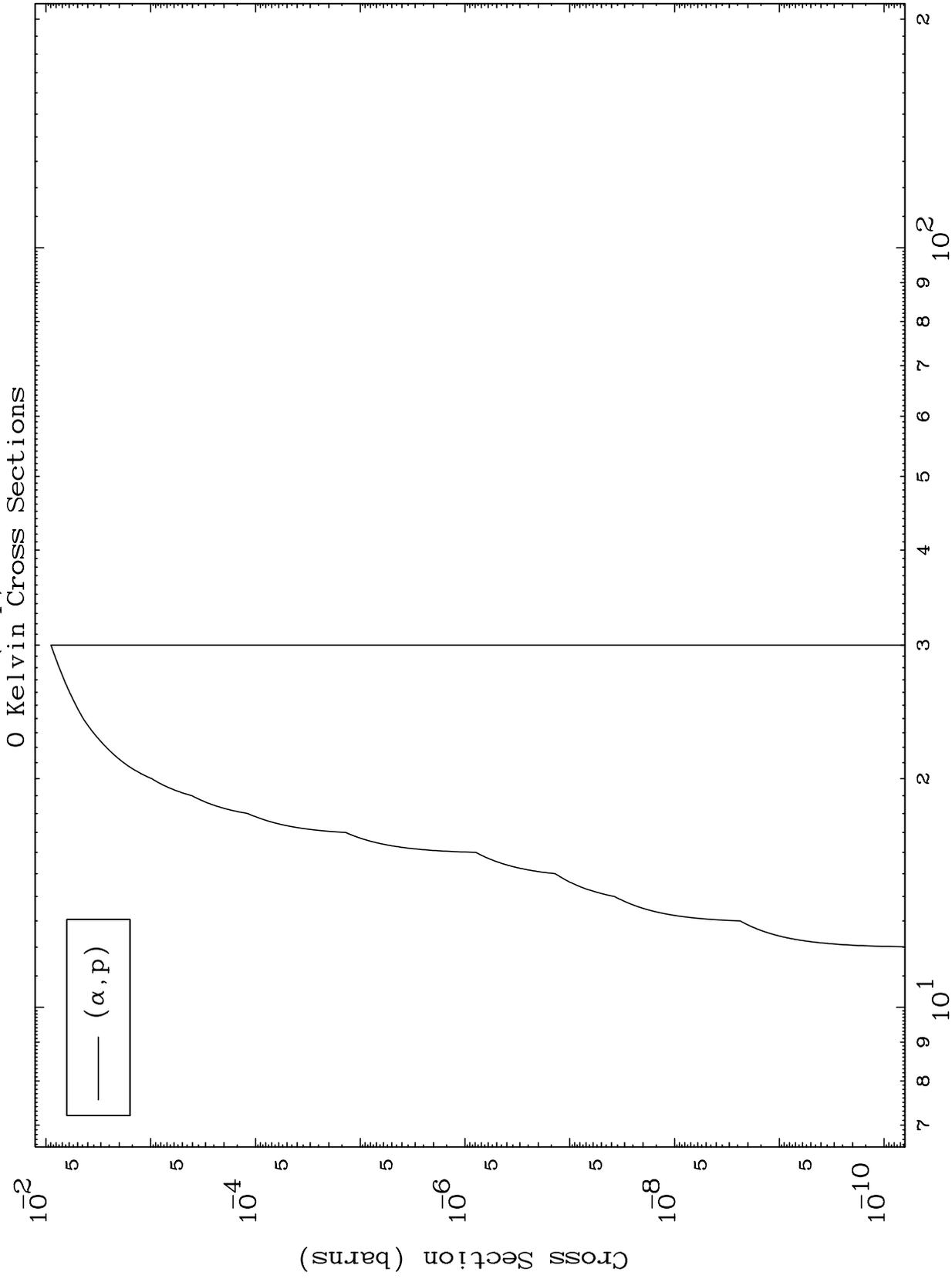
Incident Energy (MeV)

5

MAT 8105

(α, p) Levels

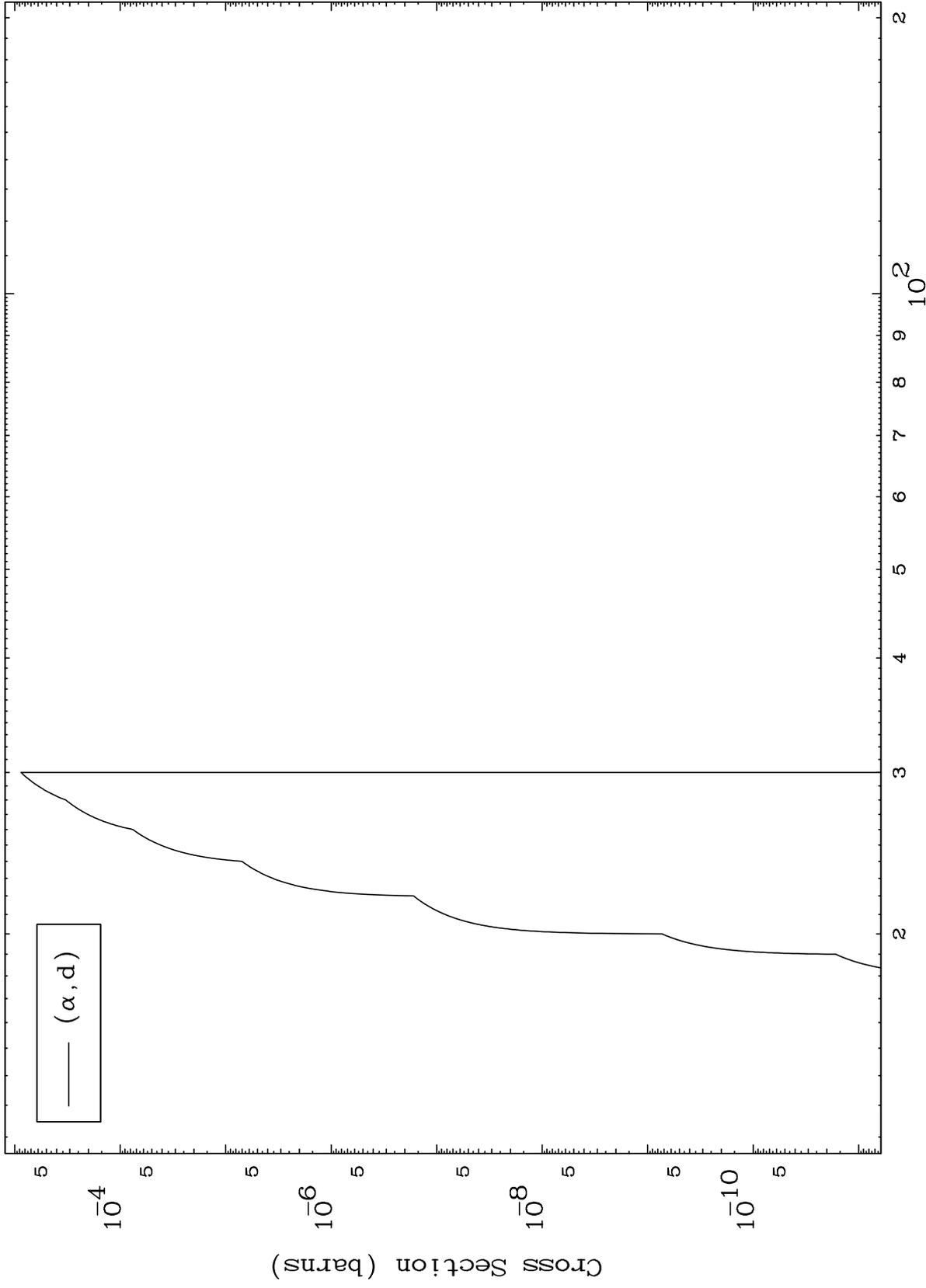
81-T1-196

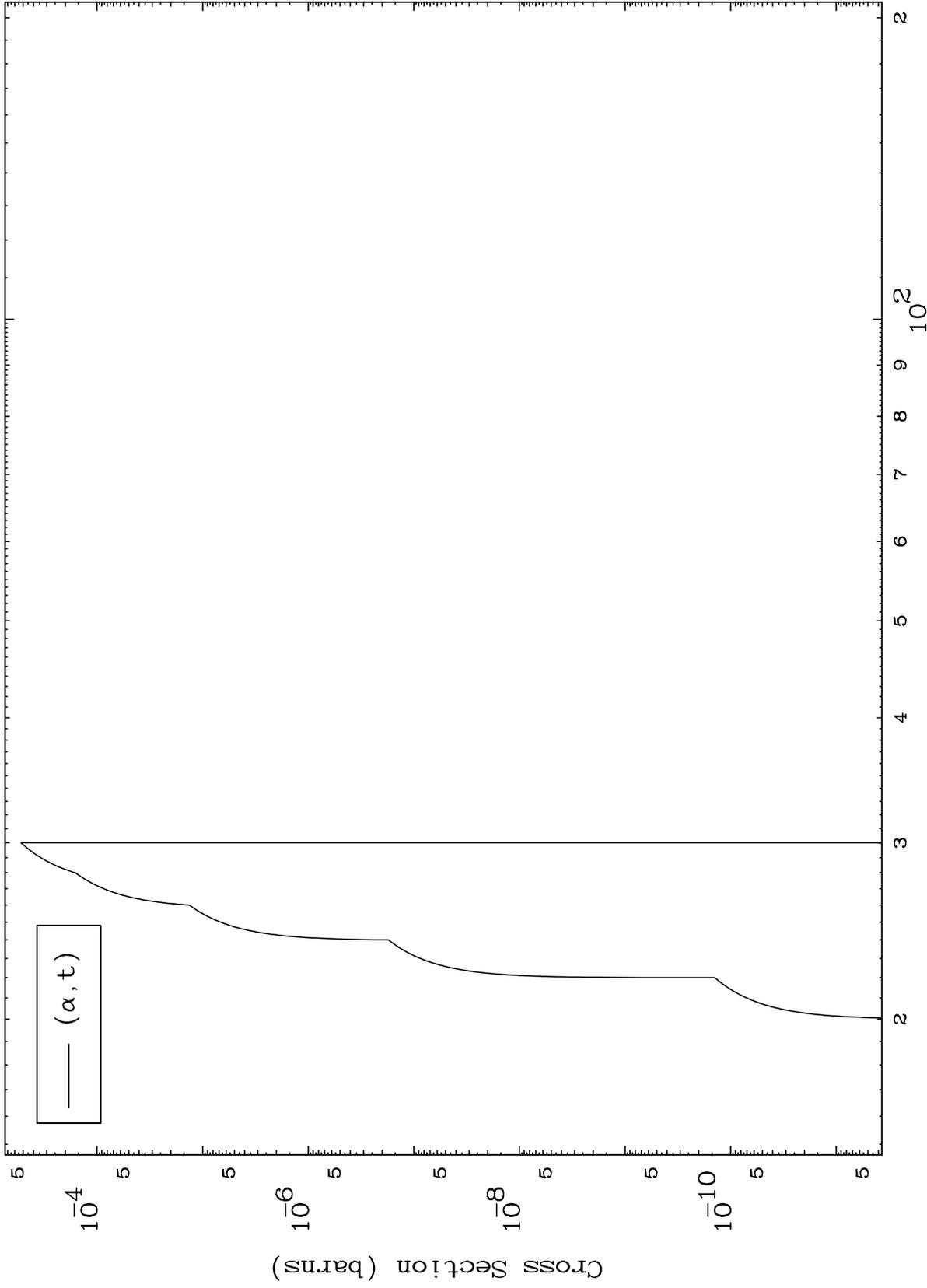


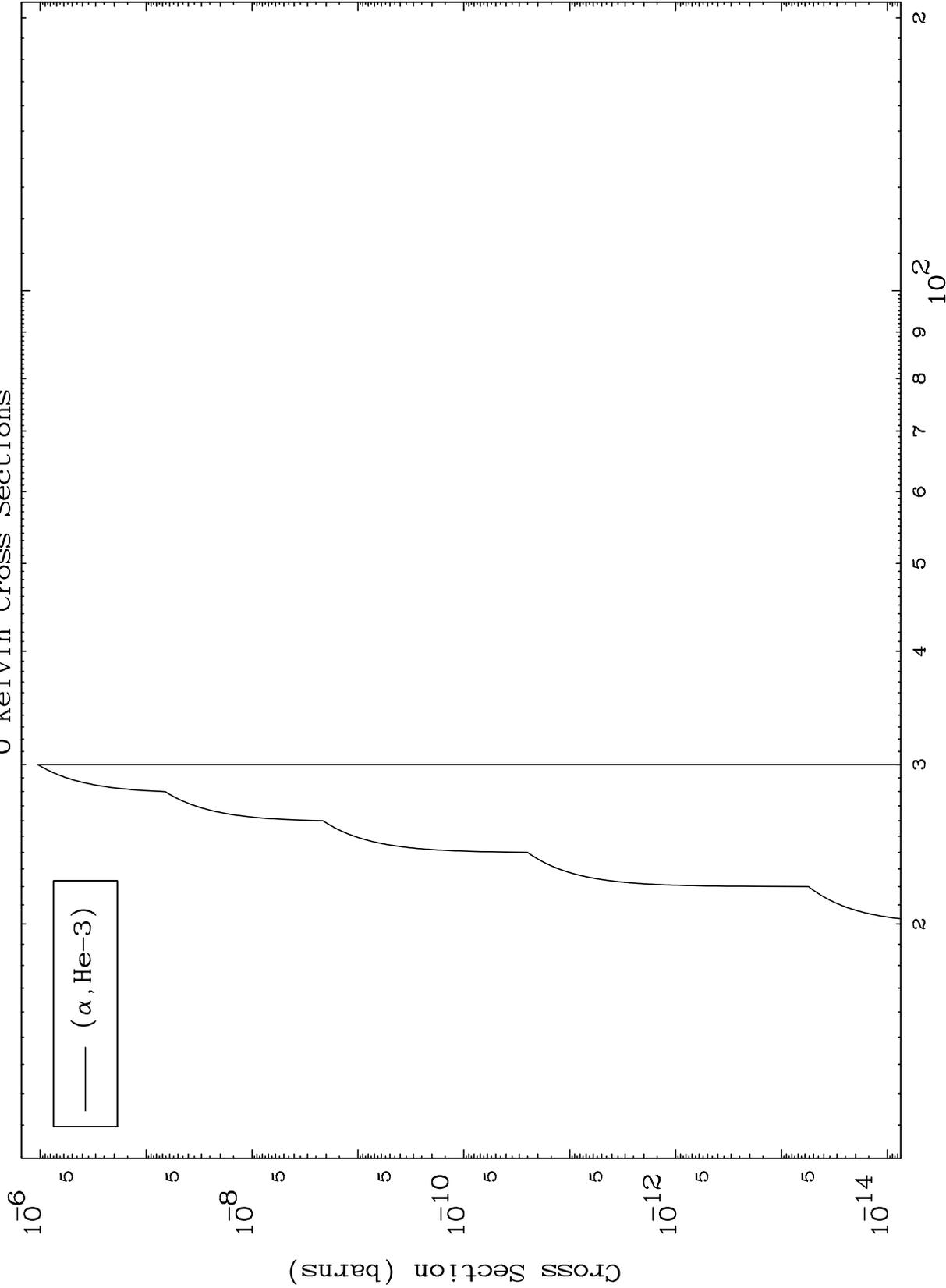
6

Incident Energy (MeV)

81-T1-196





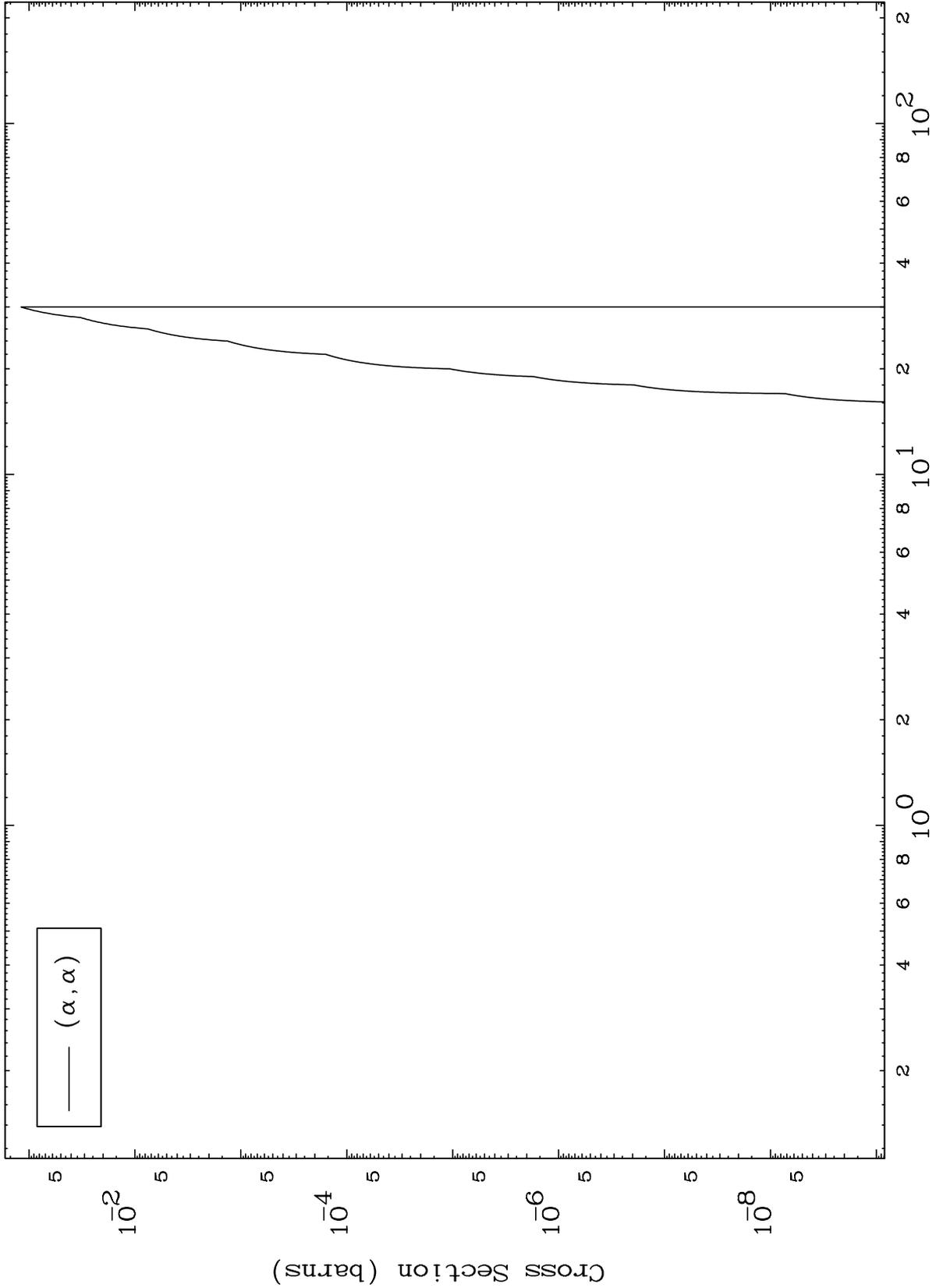


MAT 8105

(α, α) Levels

81-Tl-196

0 Kelvin Cross Sections



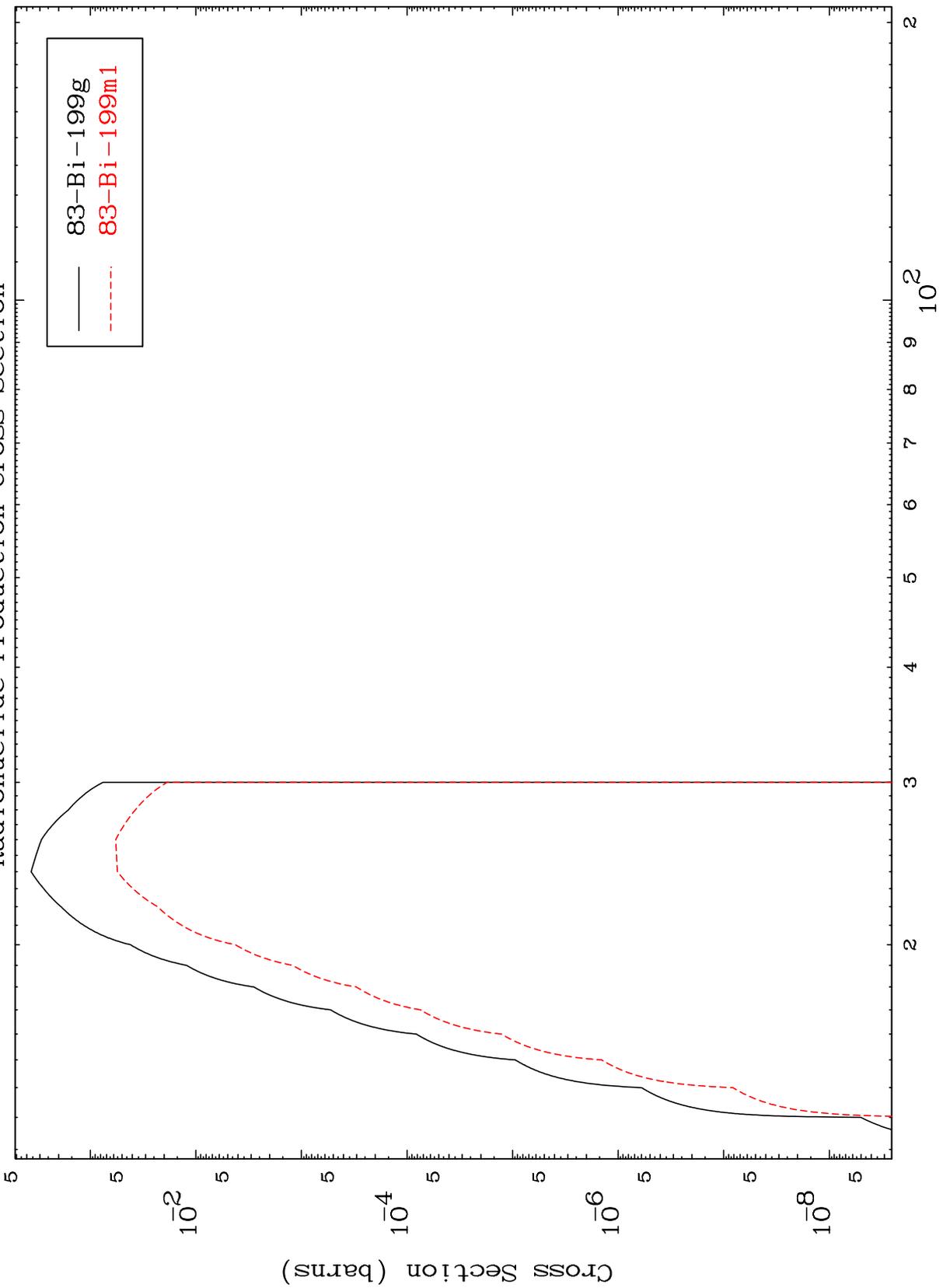
(α, α)

10

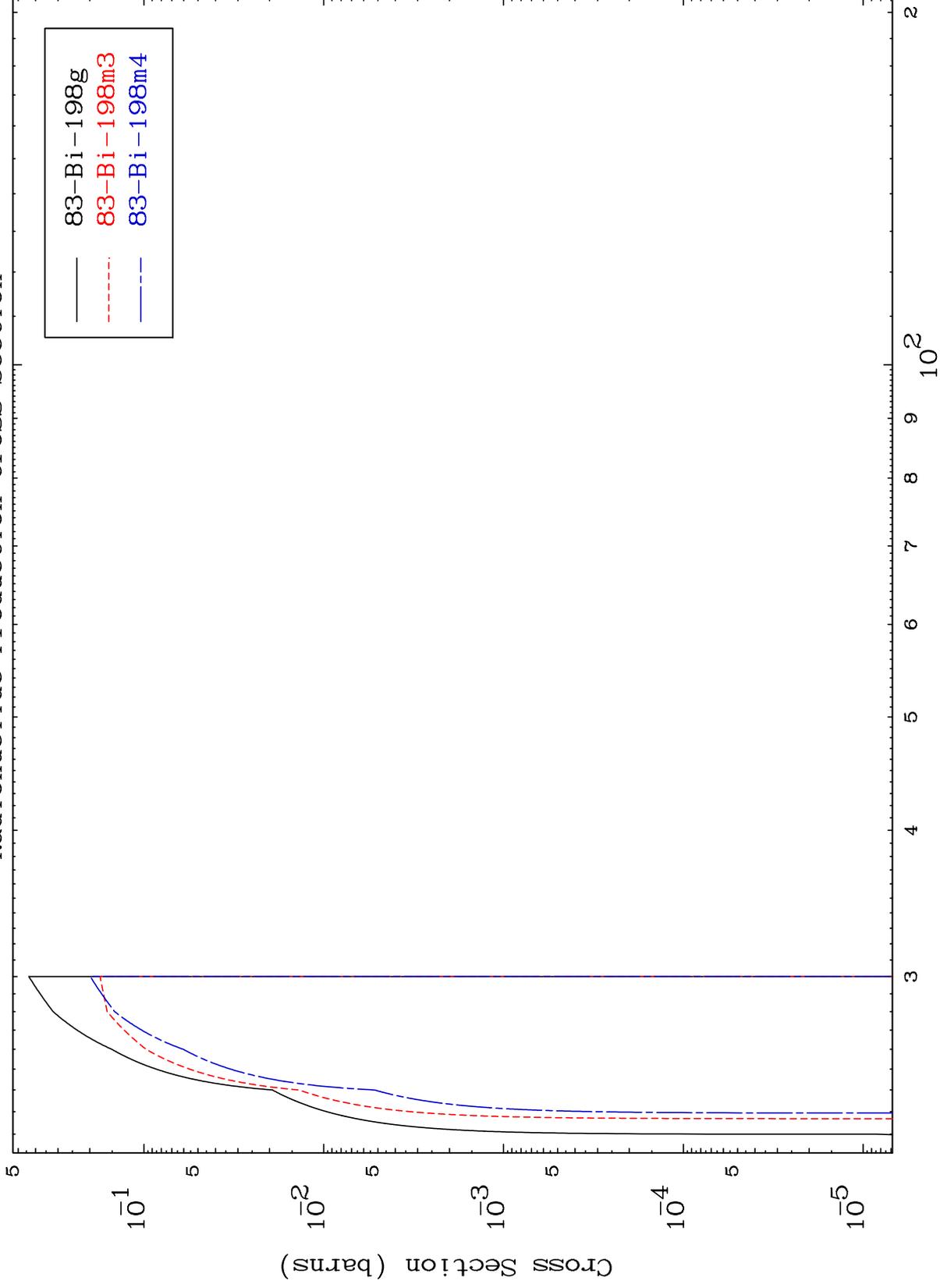
Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section
 α Inelastic



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

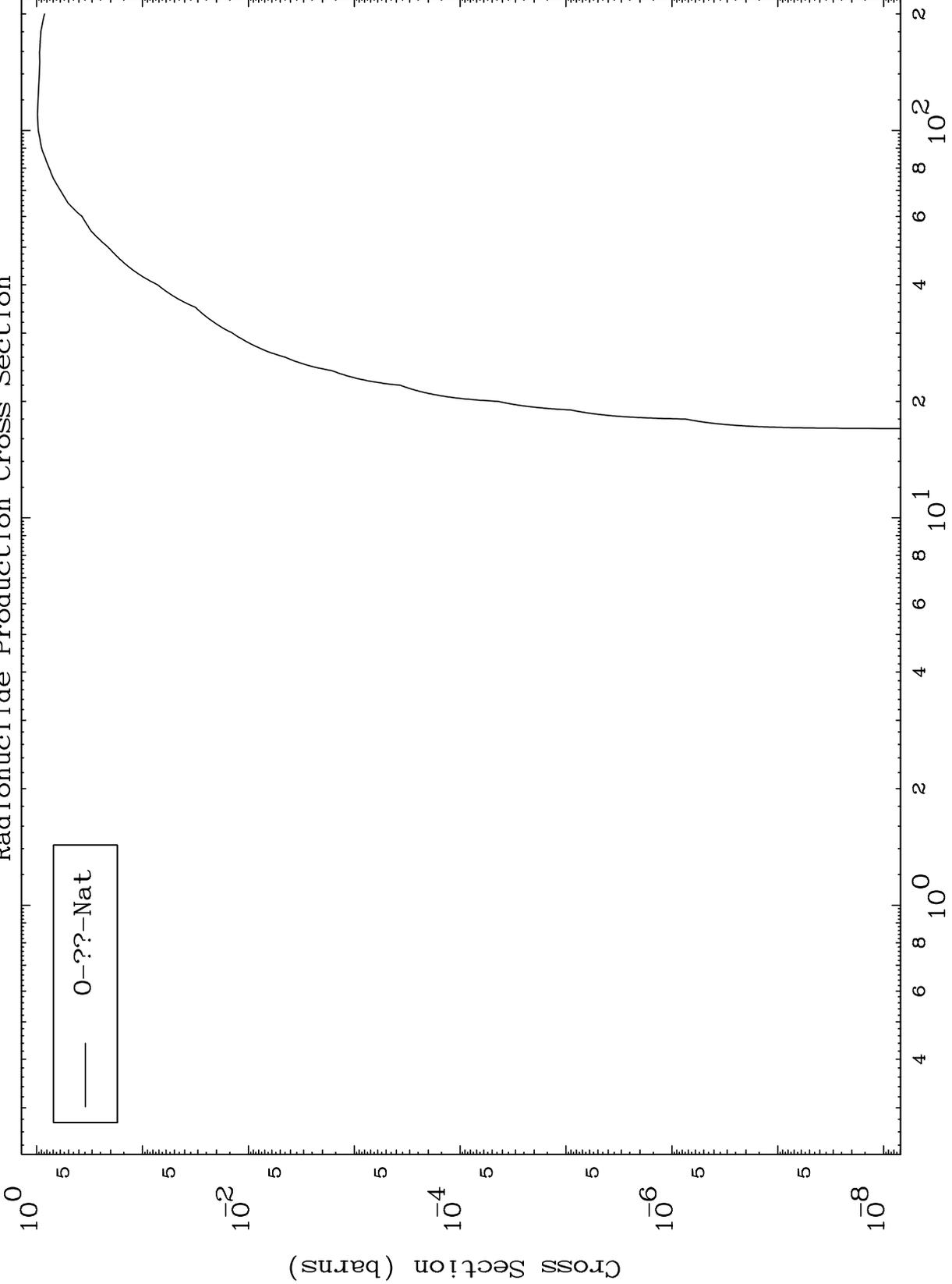


MAT 8105

α Fission

81-Tl-196

Radionuclide Production Cross Section

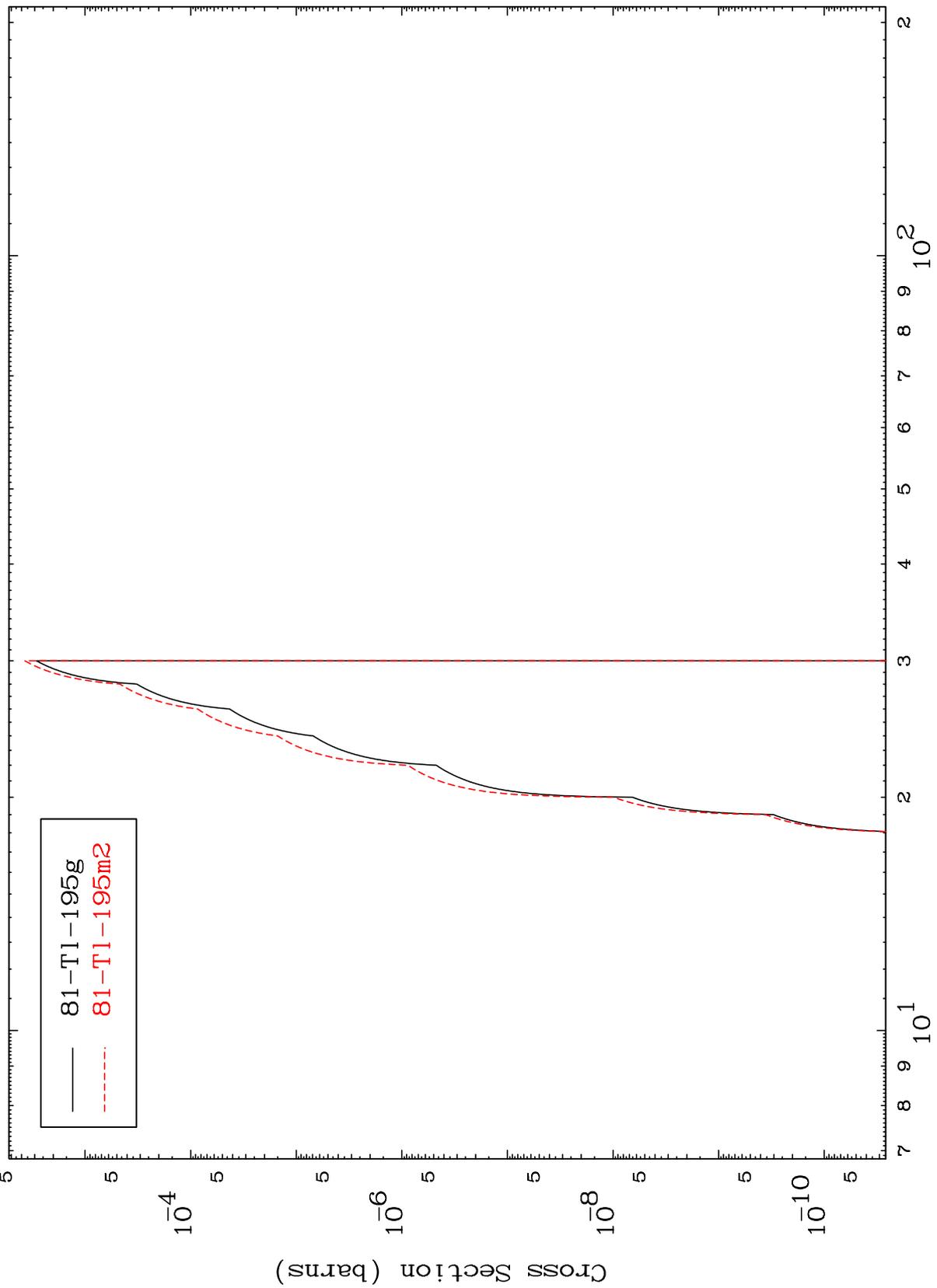


MAT 8105

81-Tl-196

(α, n') α

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

81-Tl-196

Incident Energy (MeV)

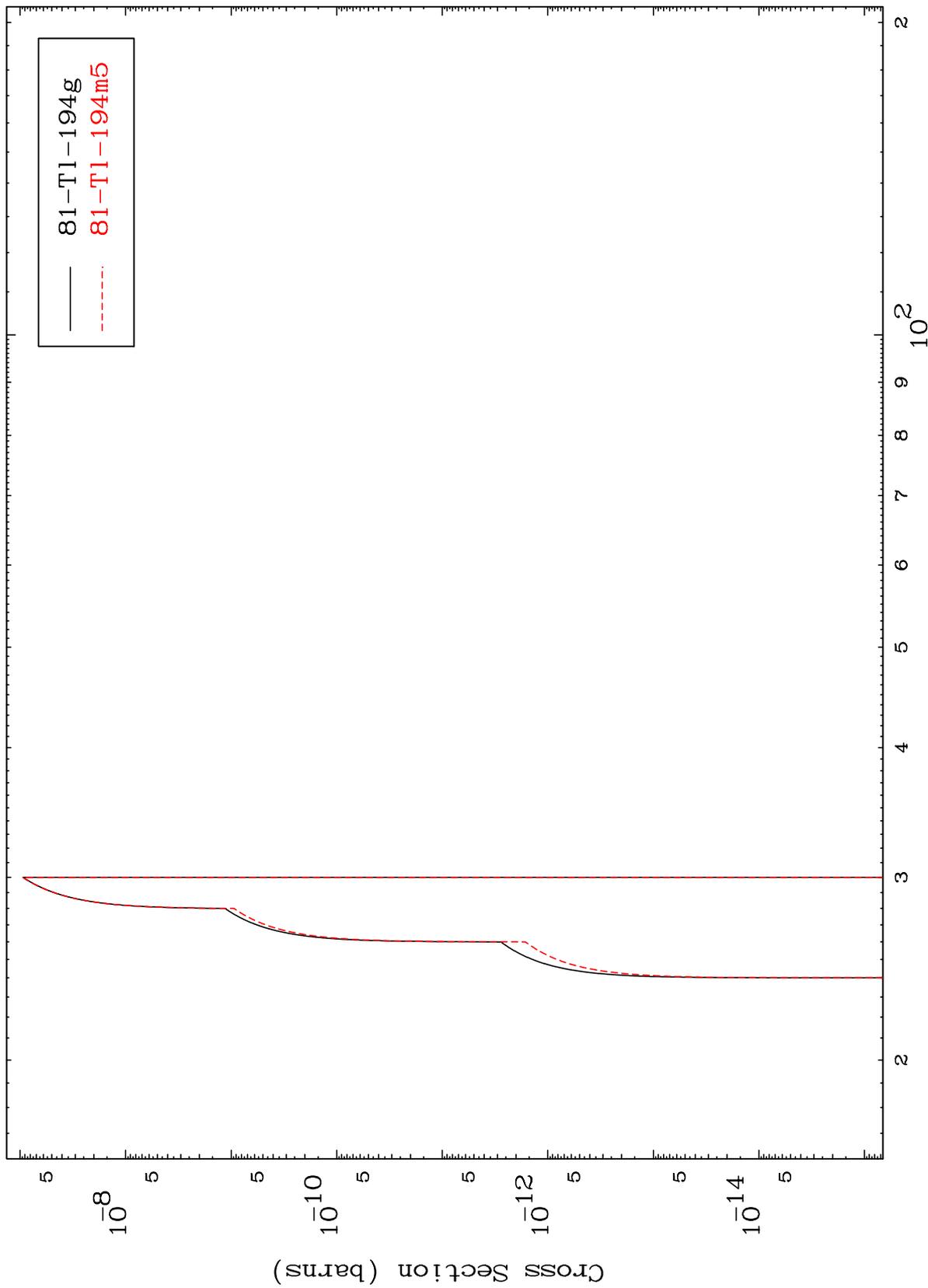
14

MAT 8105

$(\alpha, 2n) \alpha$

81-Tl-196

Radionuclide Production Cross Section

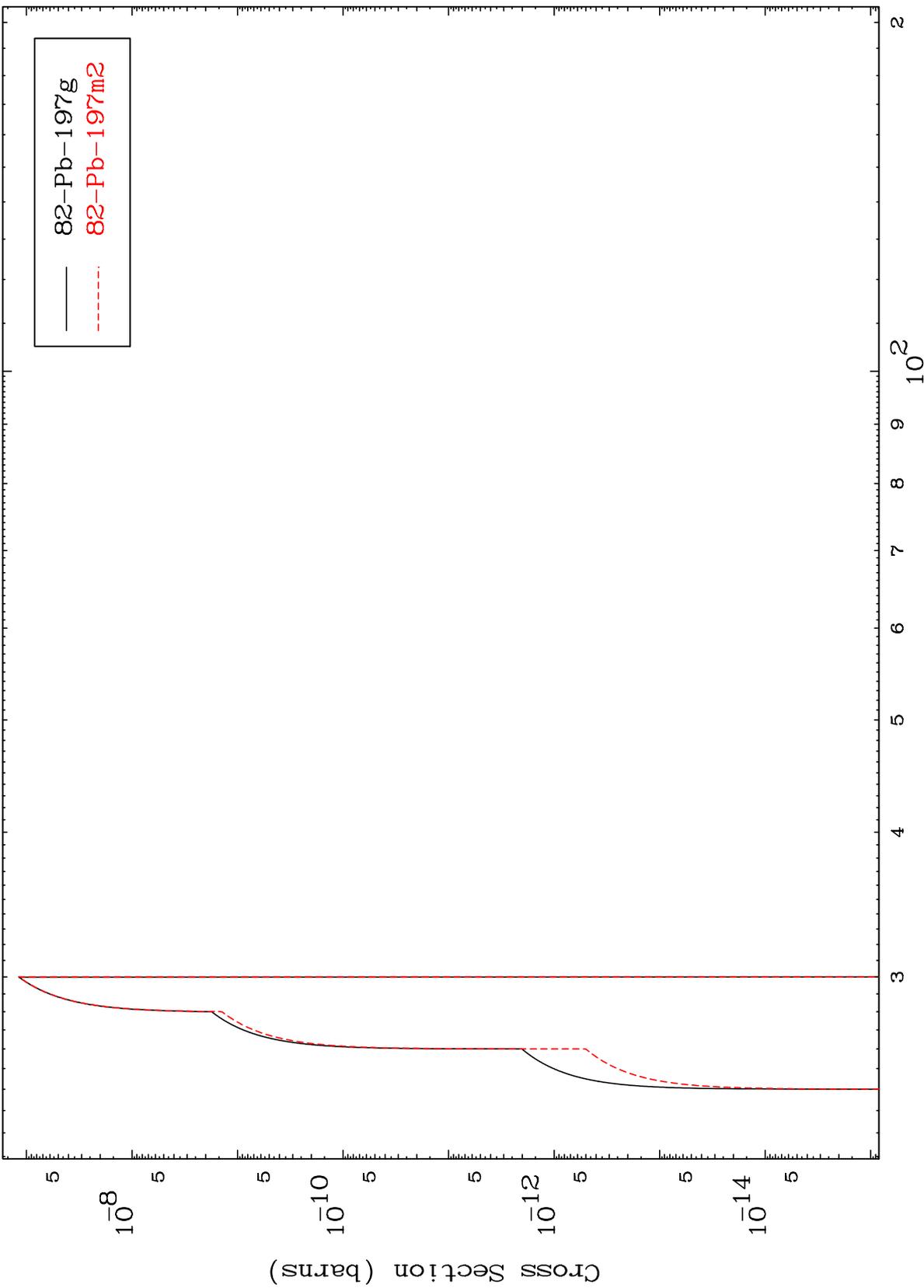


15

Incident Energy (MeV)

81-Tl-196

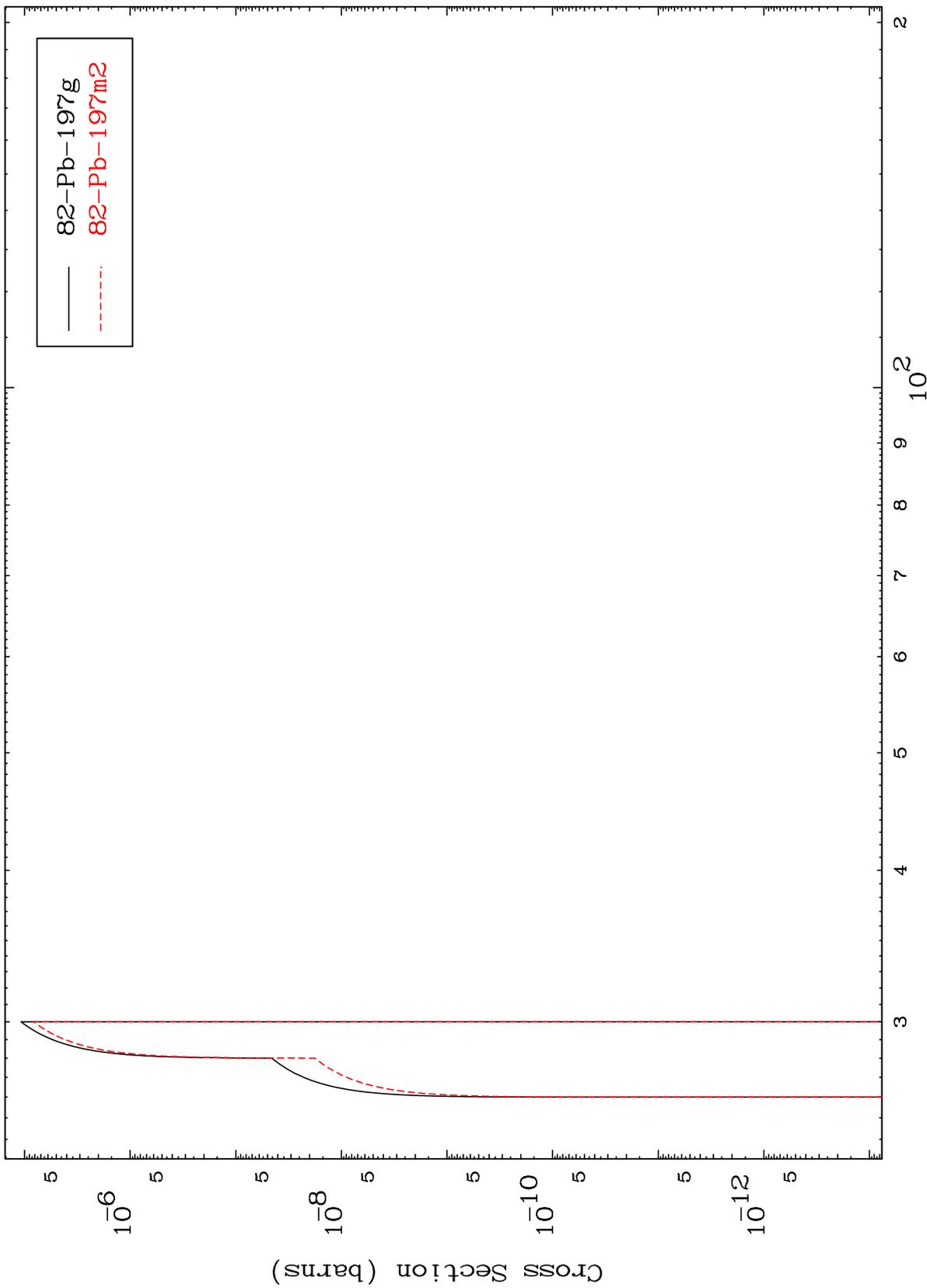
Radionuclide Production Cross Section



MAT 8105

81-T1-196

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



17

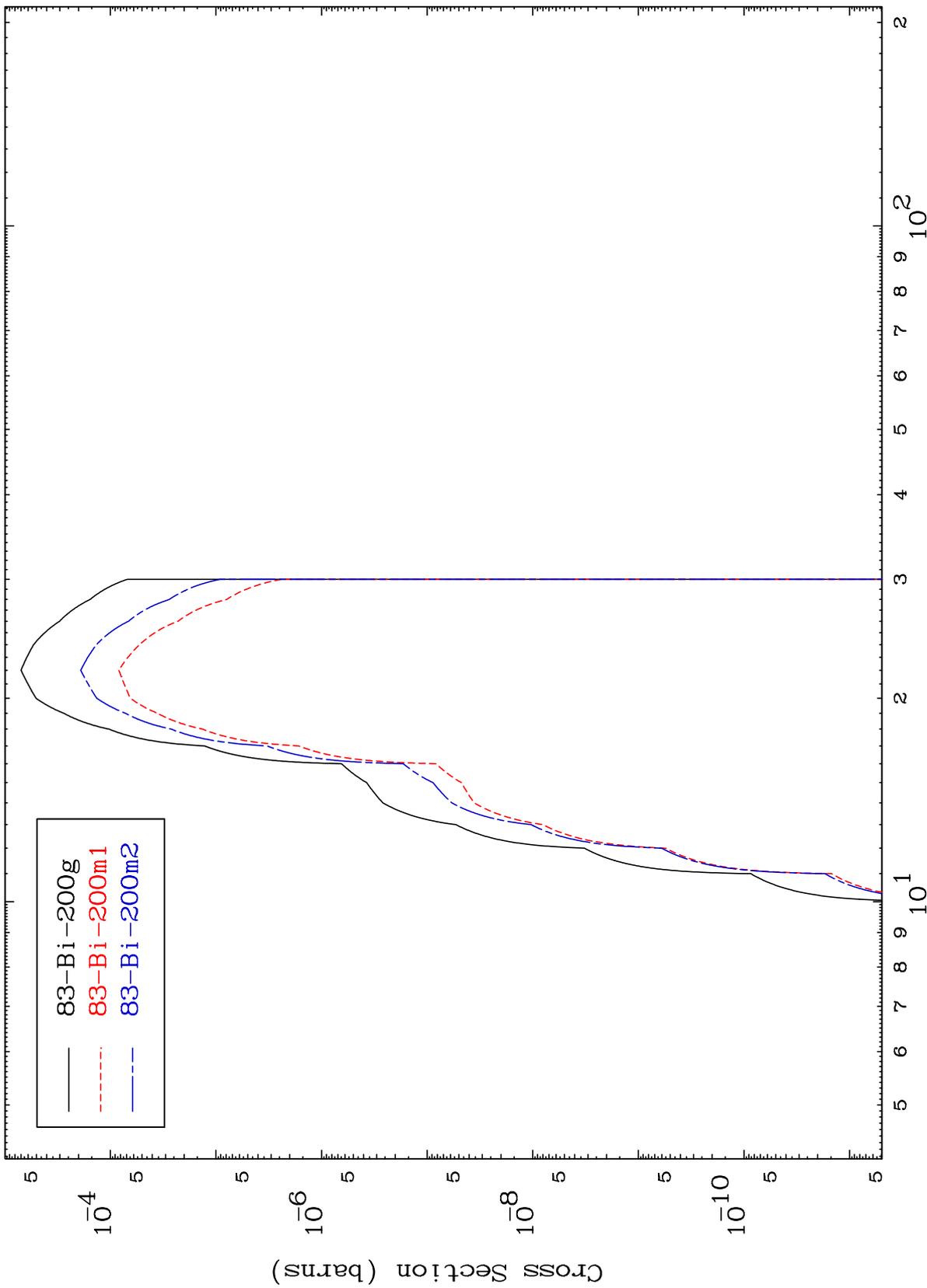
81-T1-196

Incident Energy (MeV)

MAT 8105

81-Tl-196

Radionuclide Production Cross Section
(α, γ)



81-Tl-196

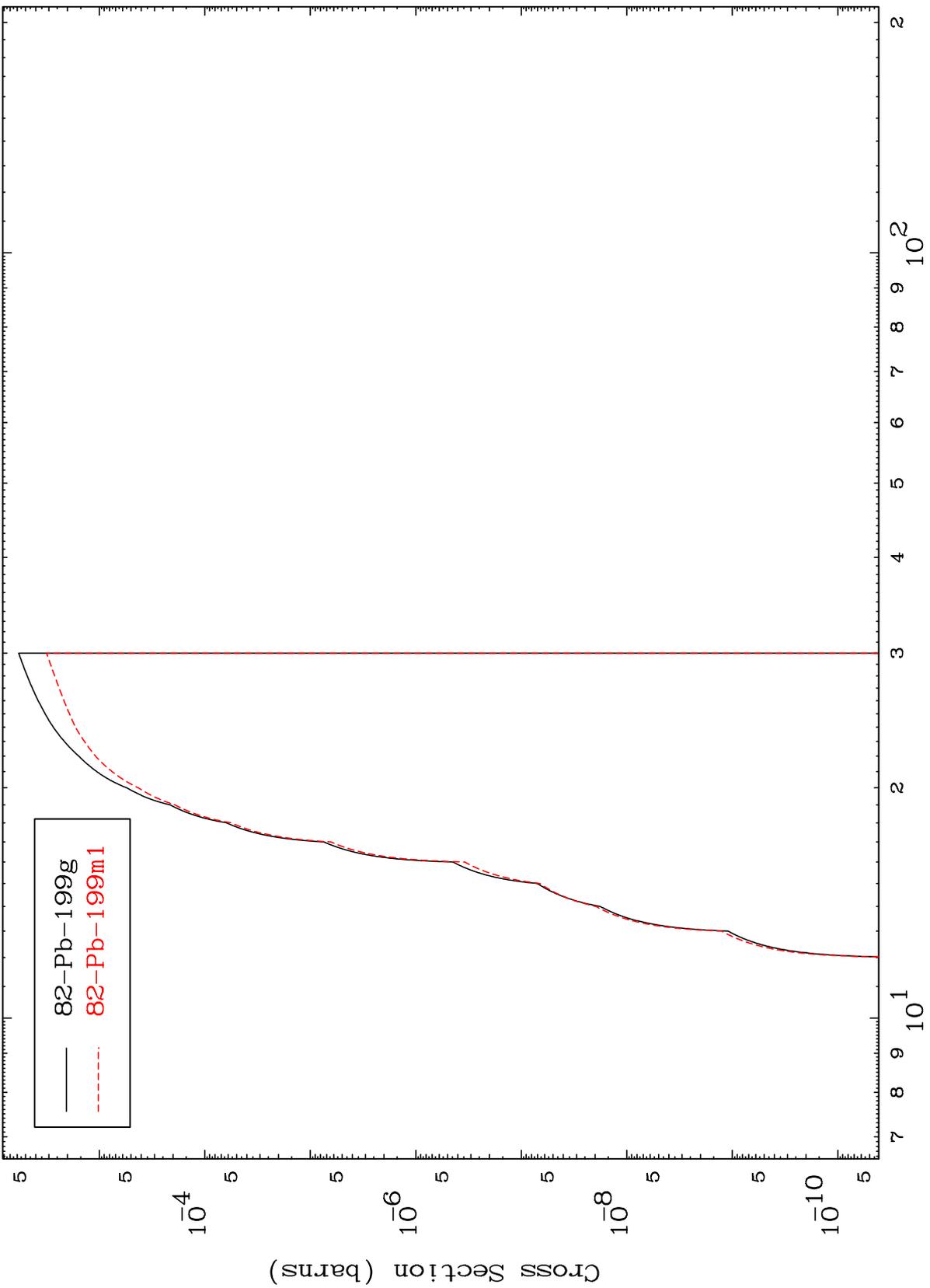
Incident Energy (MeV)

18

MAT 8105

81-T1-196

(α, p)
Radionuclide Production Cross Section

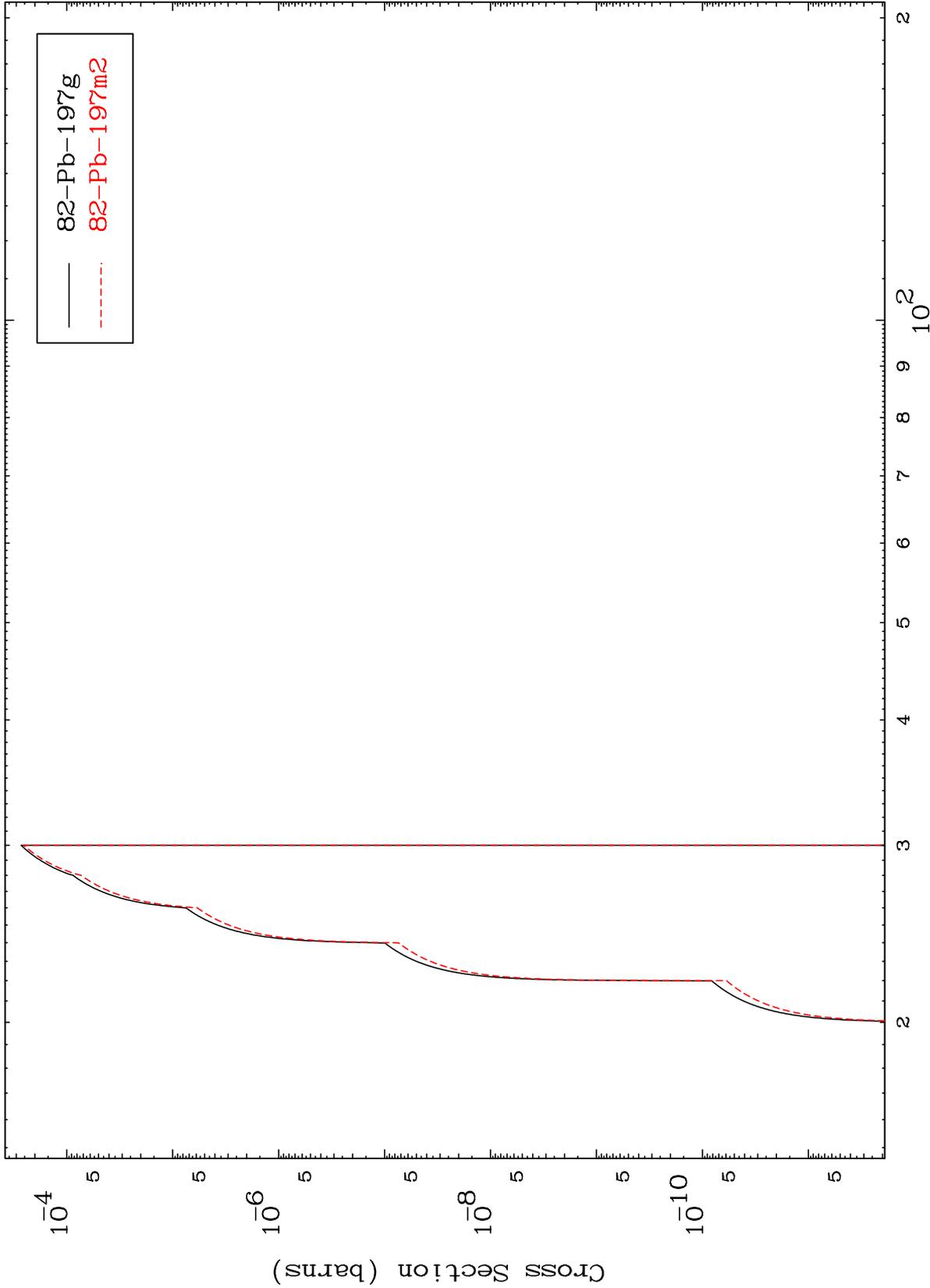


19

Incident Energy (MeV)

81-T1-196

(α, t)
Radionuclide Production Cross Section

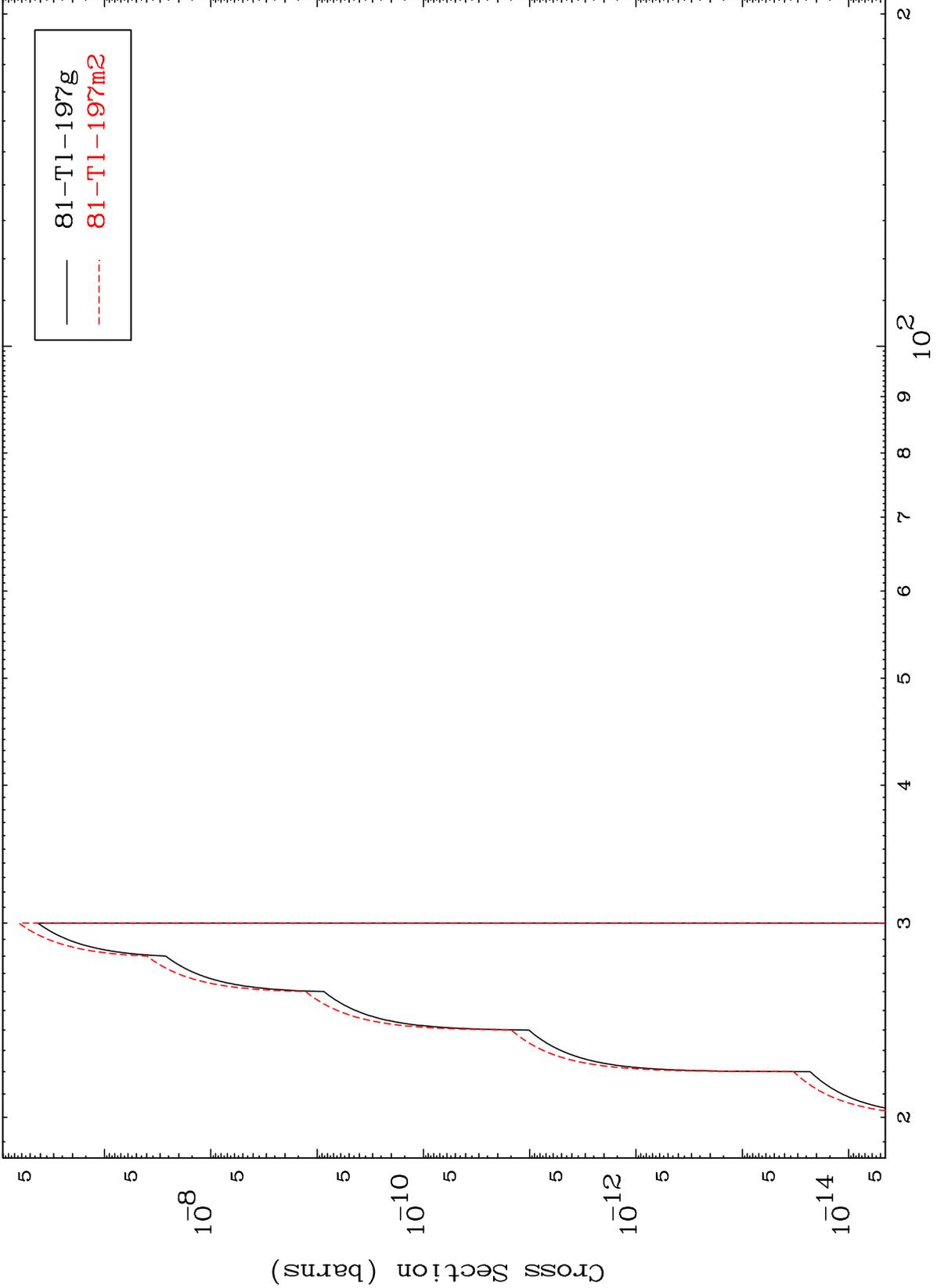


MAT 8105

($\alpha, \text{He-3}$)

81-Tl-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

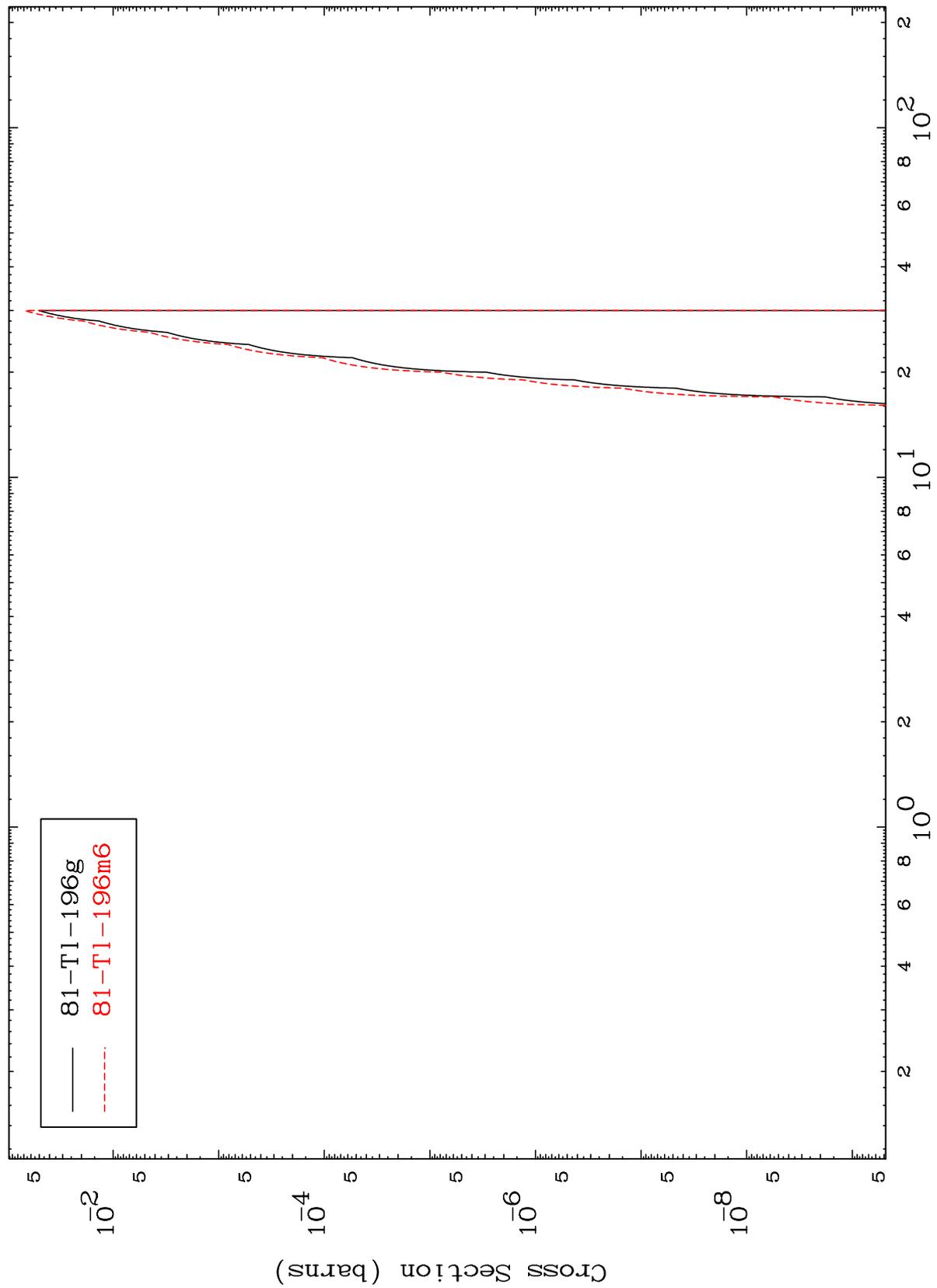
81-Tl-196

MAT 8105

(α, α)

81-Tl-196

Radionuclide Production Cross Section

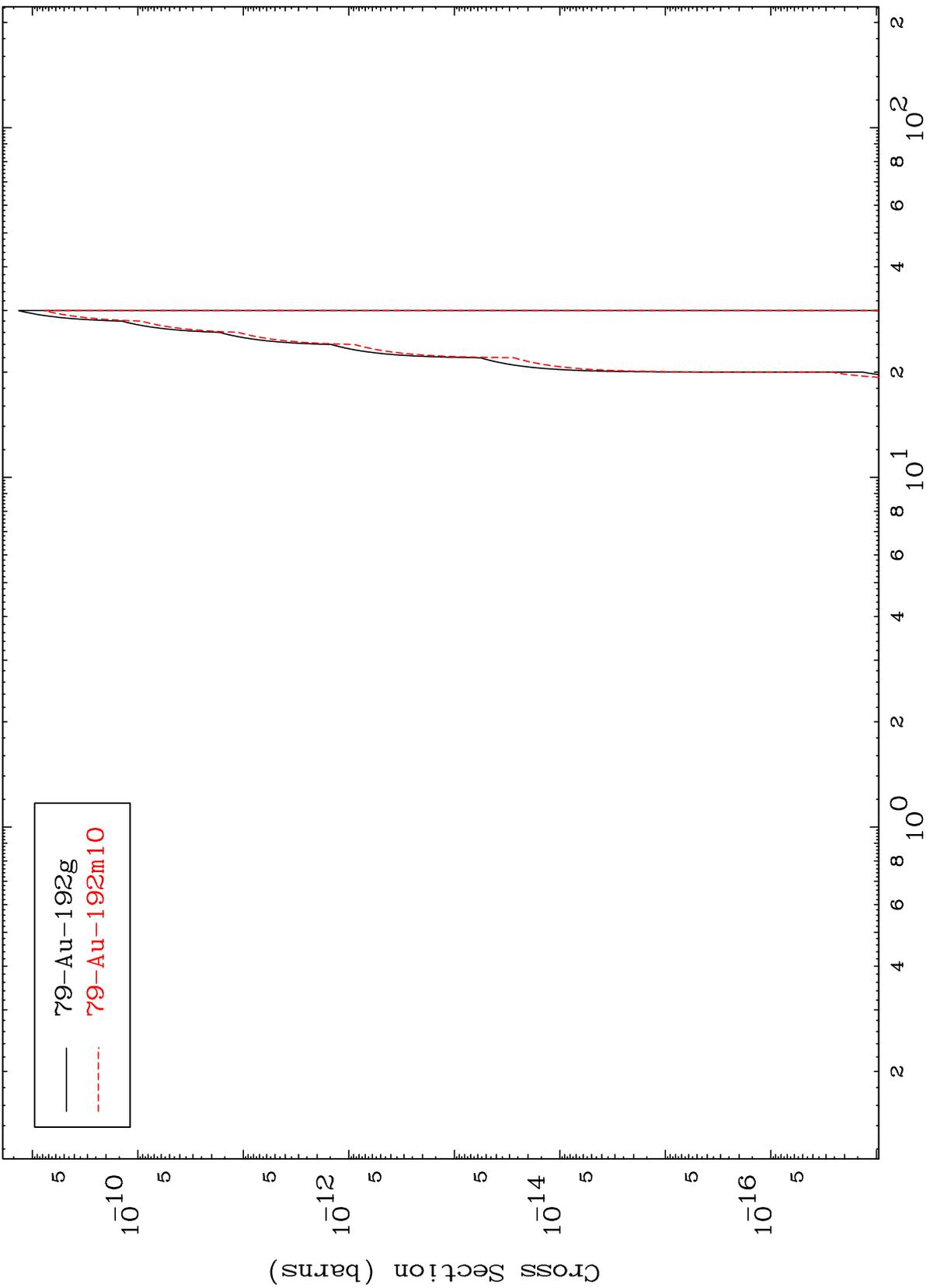


MAT 8105

($\alpha, 2\alpha$)

81-Tl-196

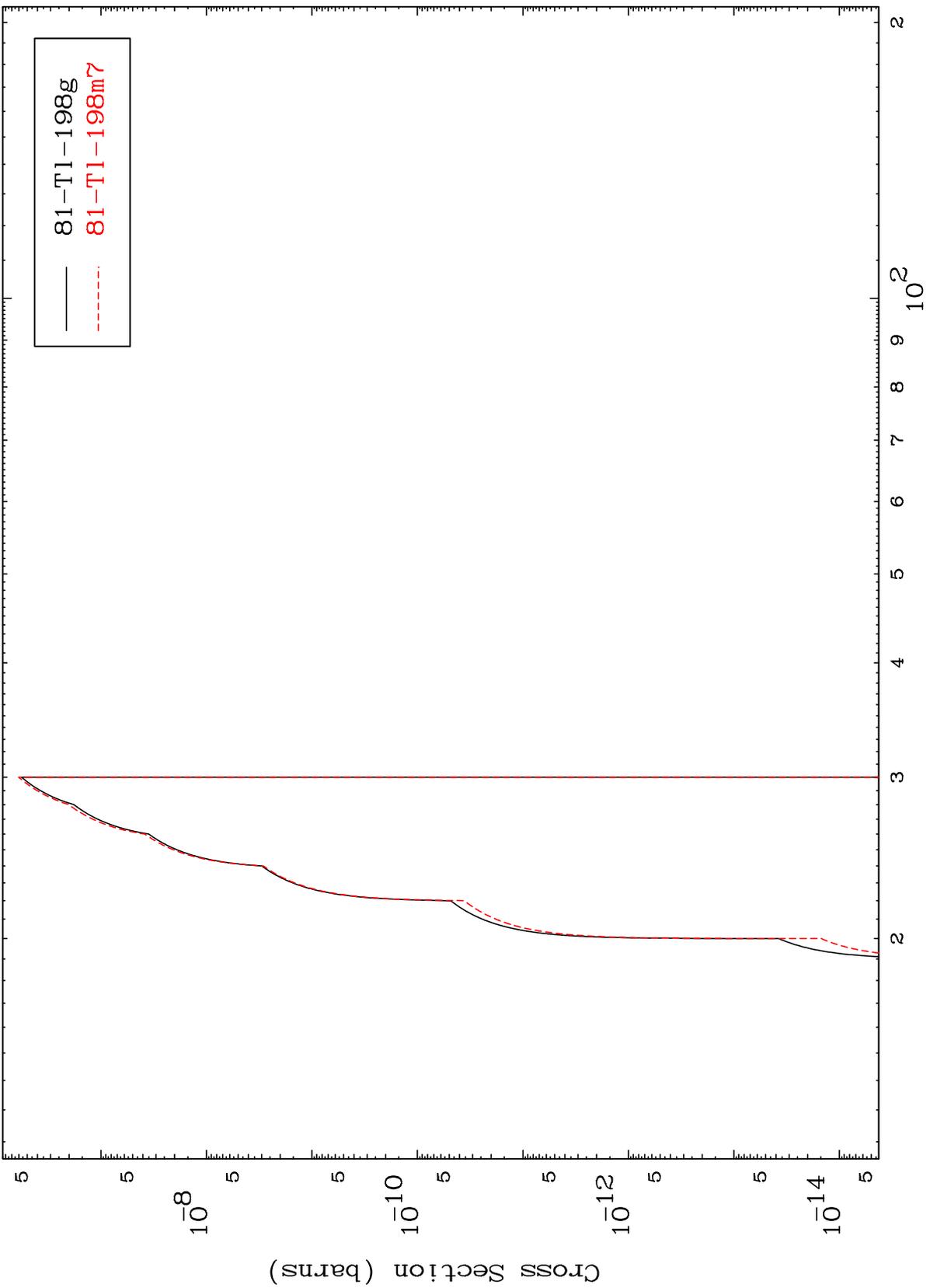
Radionuclide Production Cross Section



MAT 8105

81-Tl-196

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



24

81-Tl-196

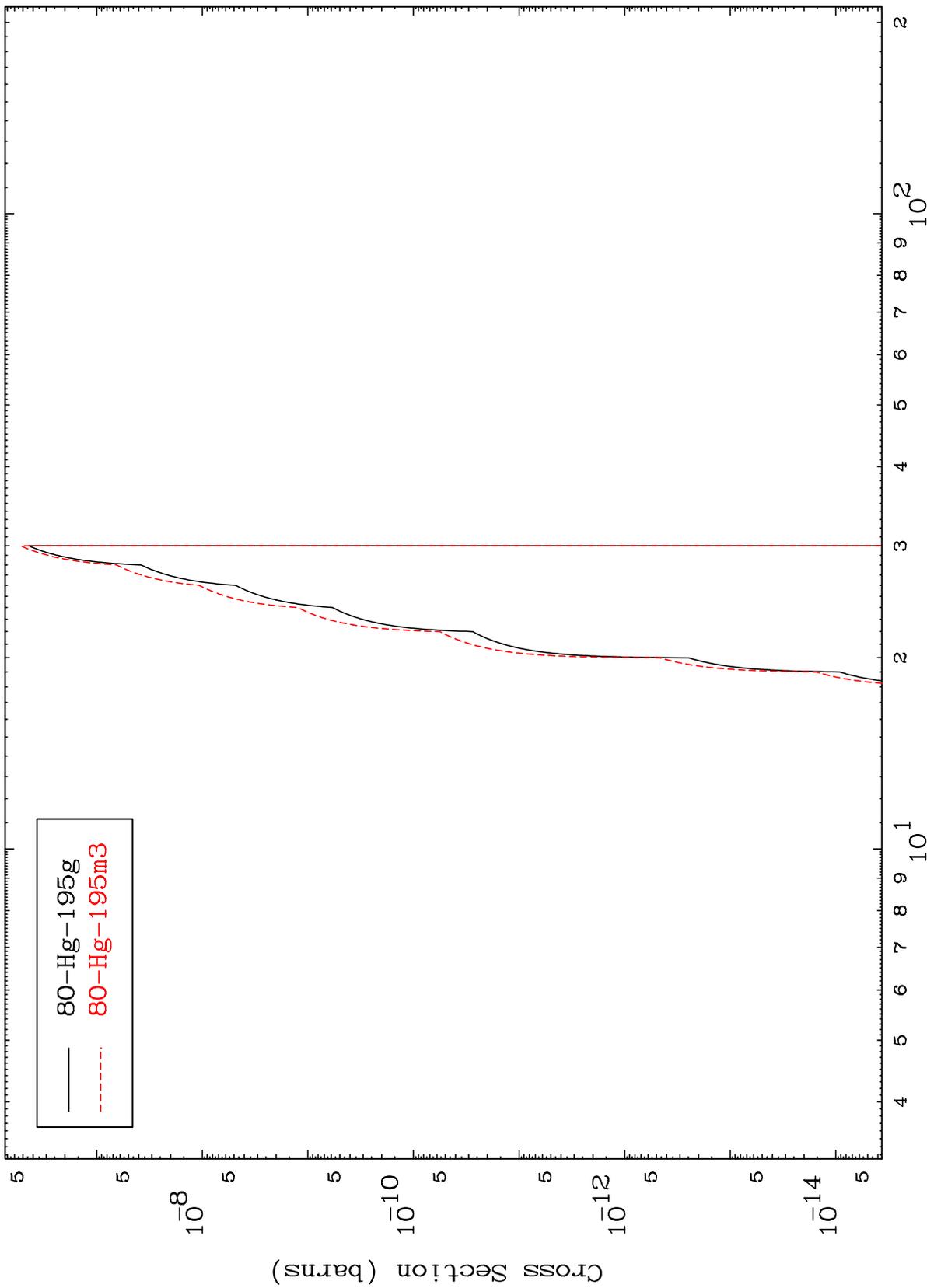
Incident Energy (MeV)

MAT 8105

(α, p) α

81-Tl-196

Radionuclide Production Cross Section



25

Incident Energy (MeV)

81-Tl-196