

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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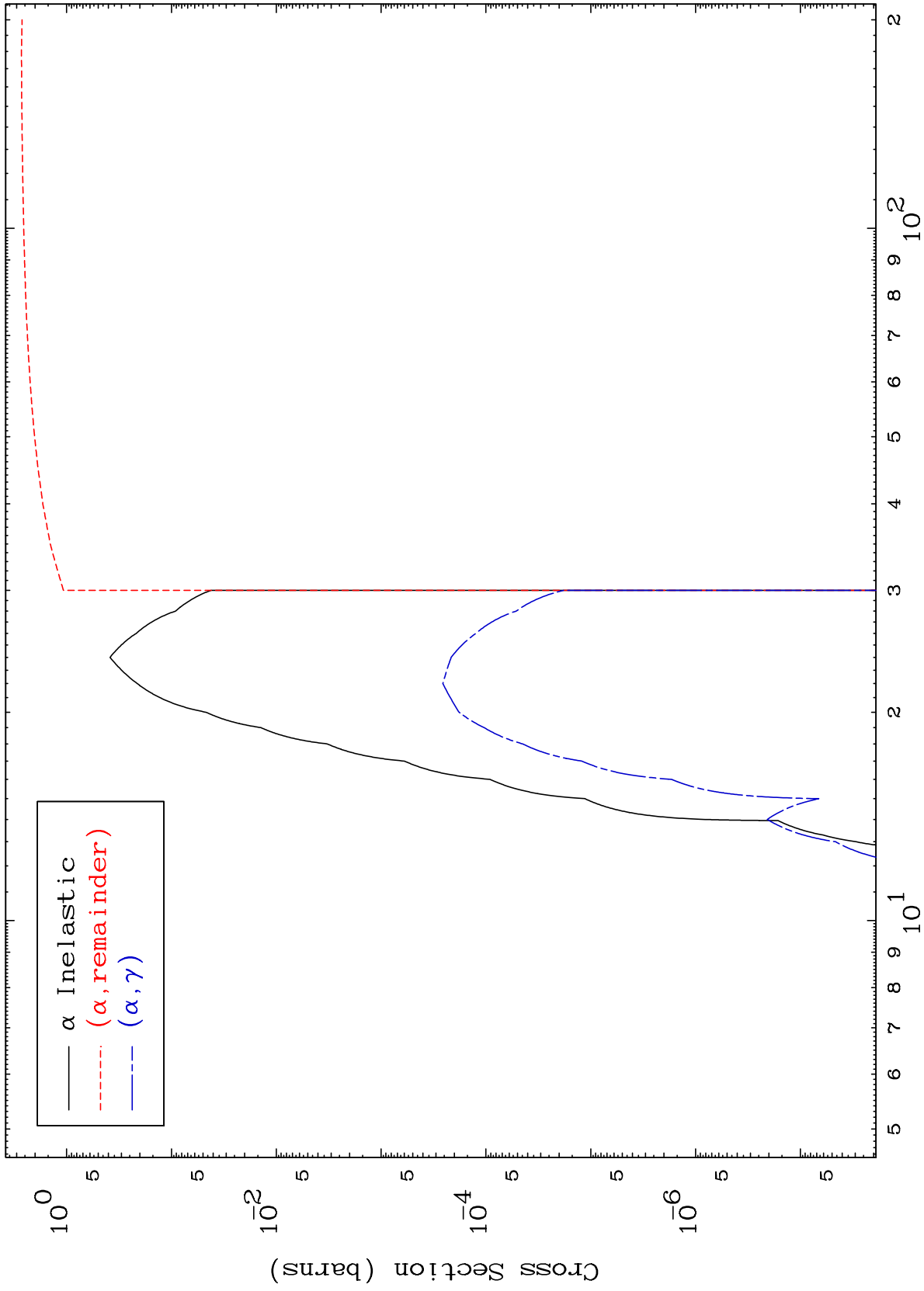
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8104

0 Kelvin α Major
Cross Sections

81-Tl-196



1

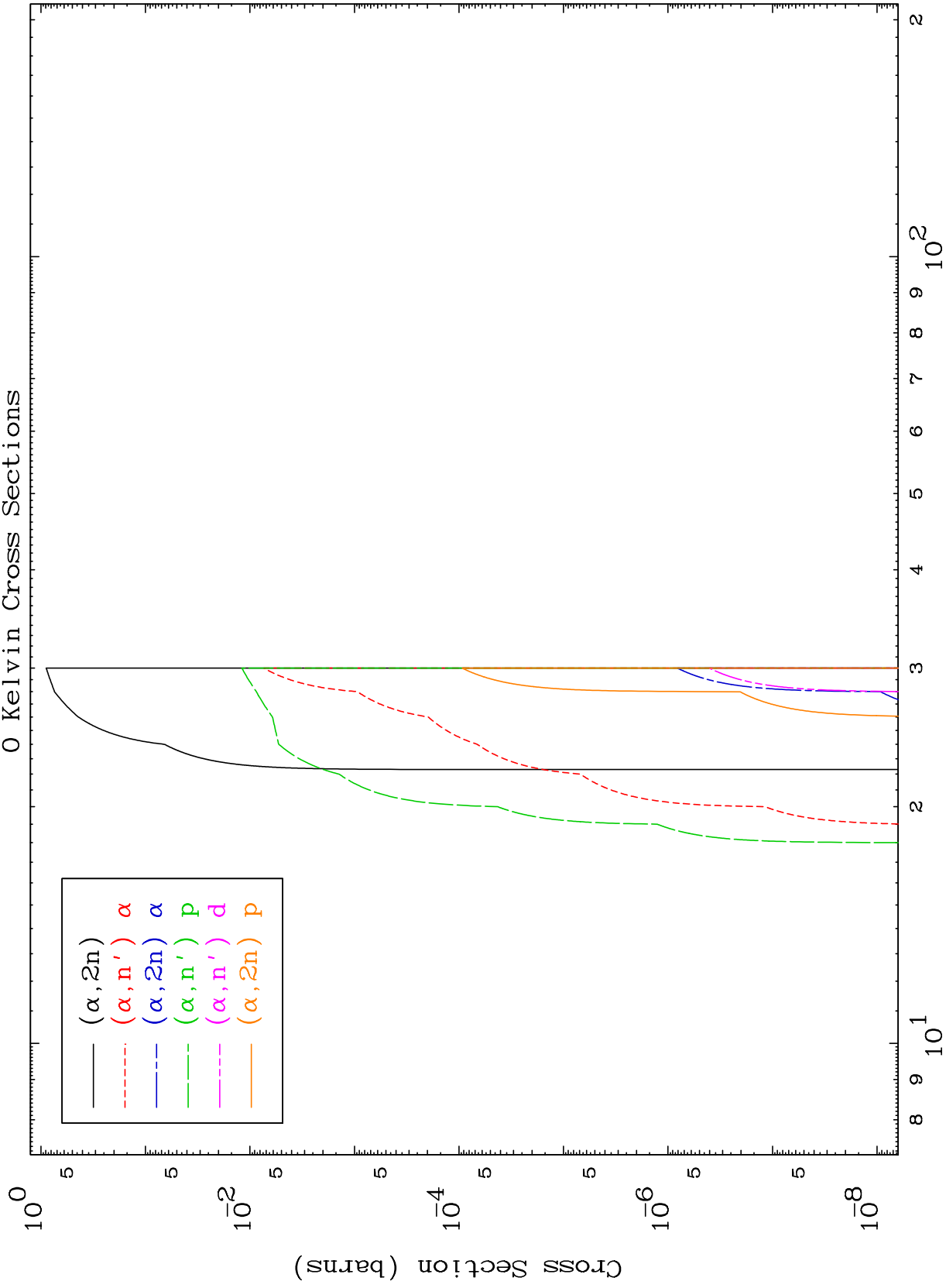
Incident Energy (MeV)

81-Tl-196

MAT 8104

α Neutron Production
0 Kelvin Cross Sections

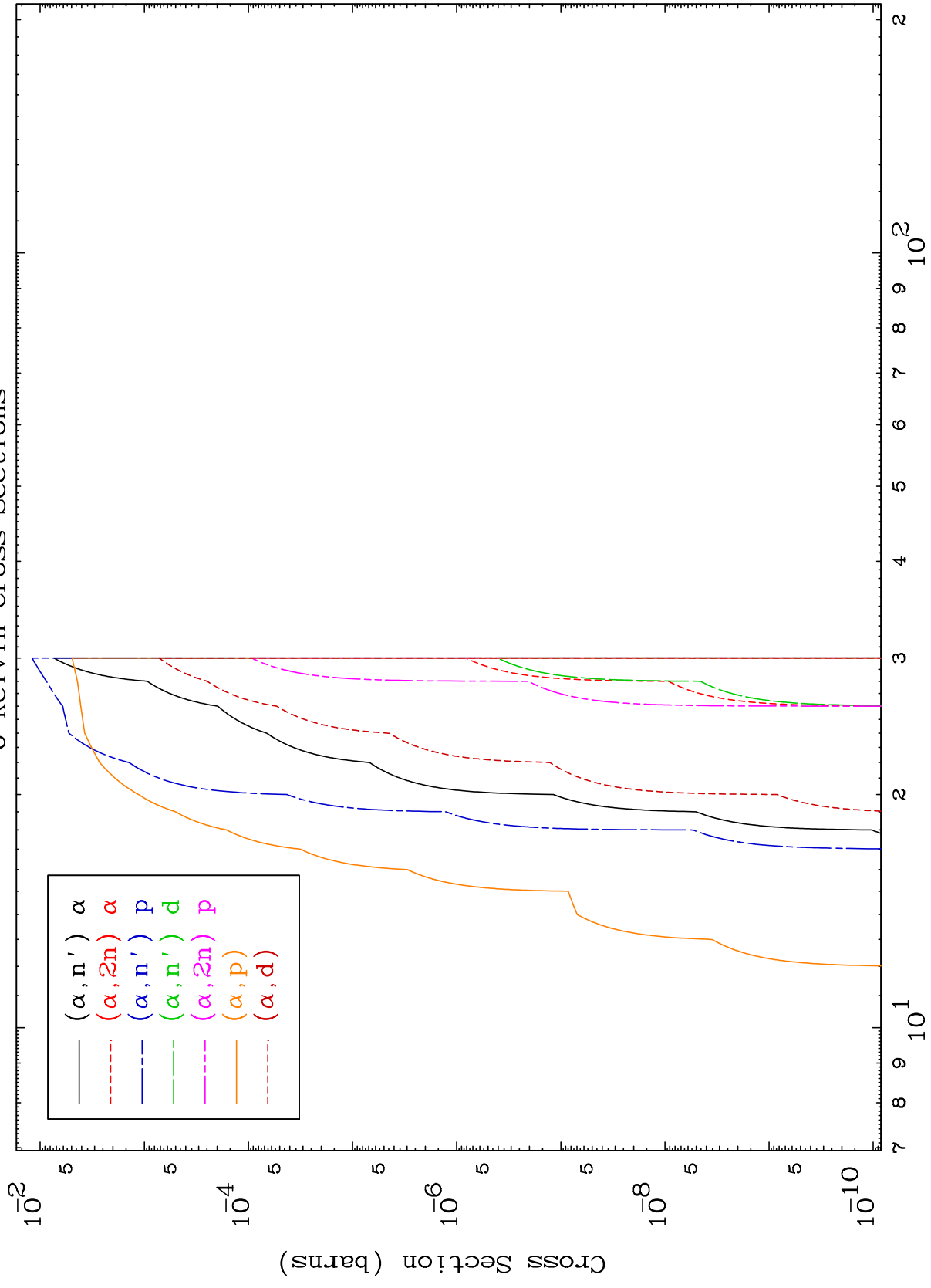
81-T1-196



2

Incident Energy (MeV)

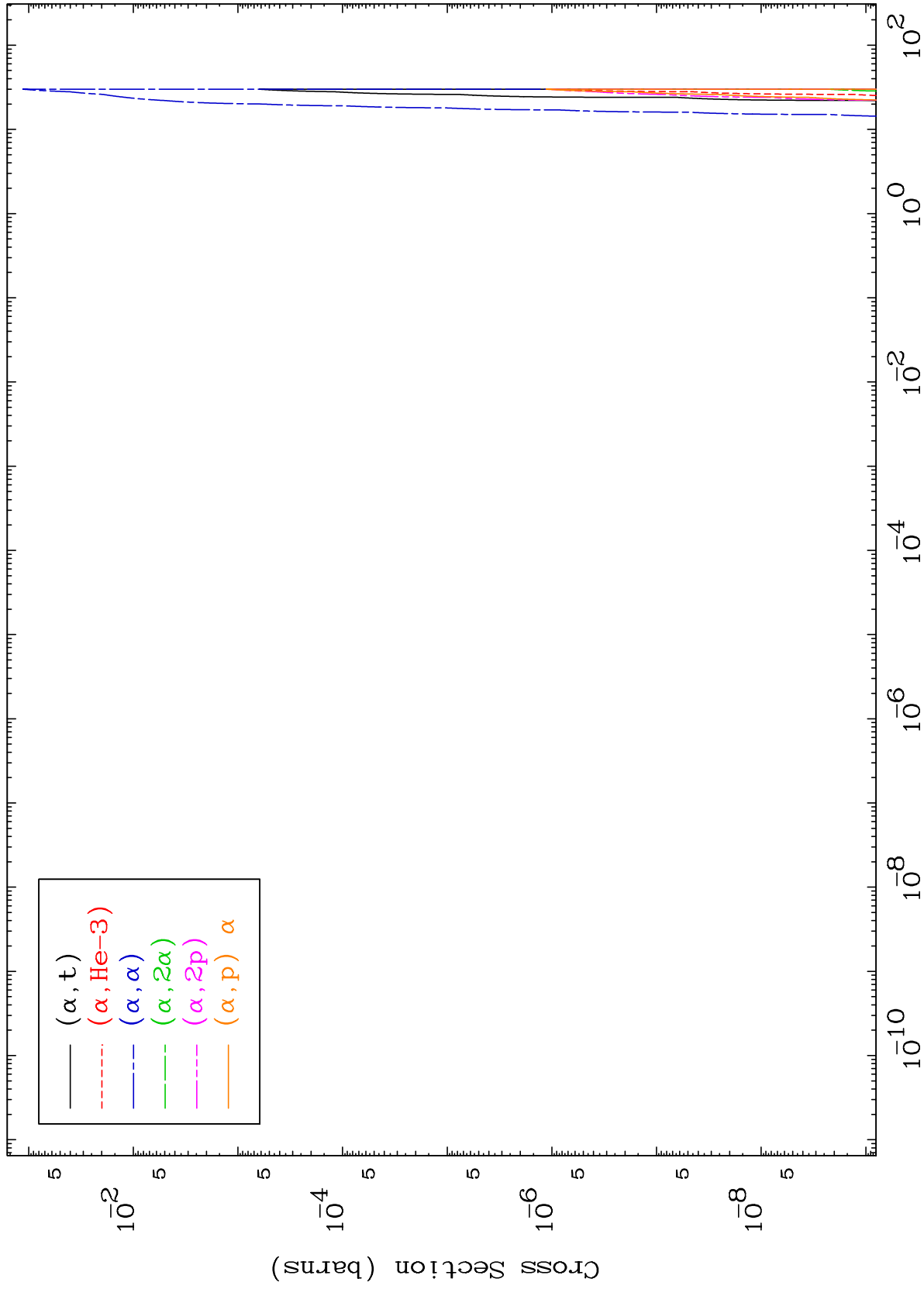
81-T1-196



MAT 8104

α Charged Particle
0 Kelvin Cross Sections

81-Tl-196

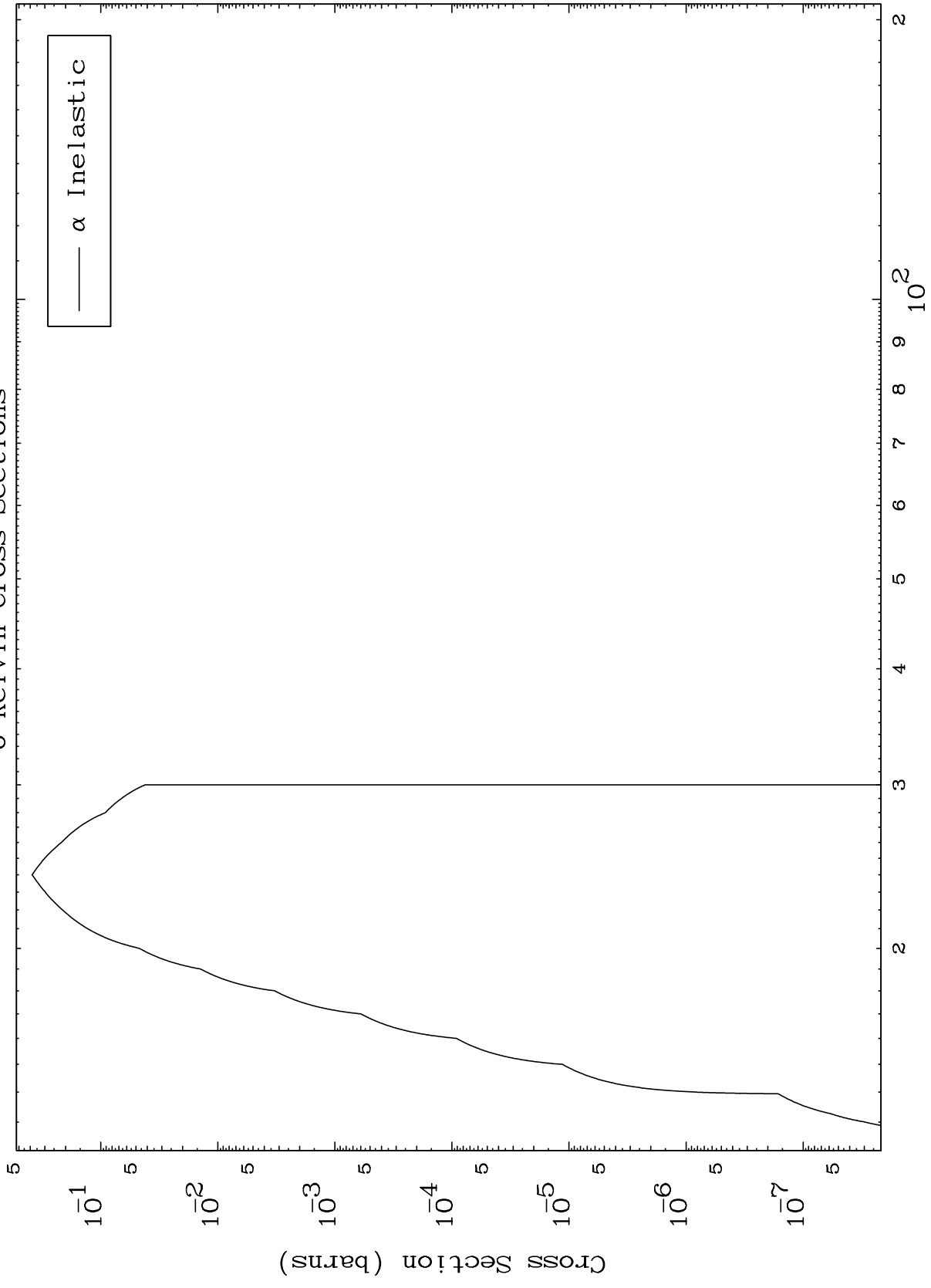


81-Tl-196

MAT 8104

(α, n') Level
0 Kelvin Cross Sections

81-T1-196



5

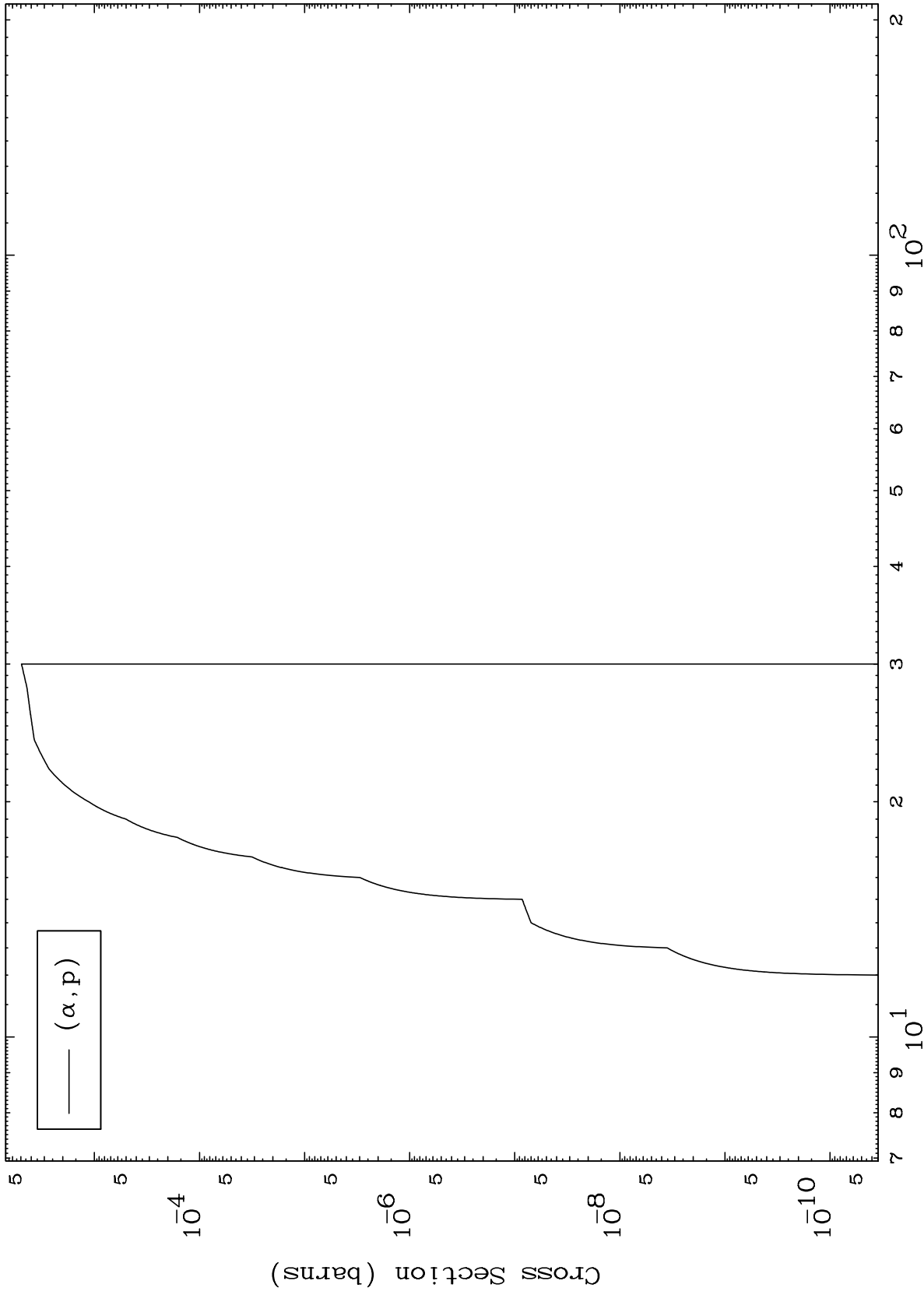
Incident Energy (MeV)

81-T1-196

MAT 8104

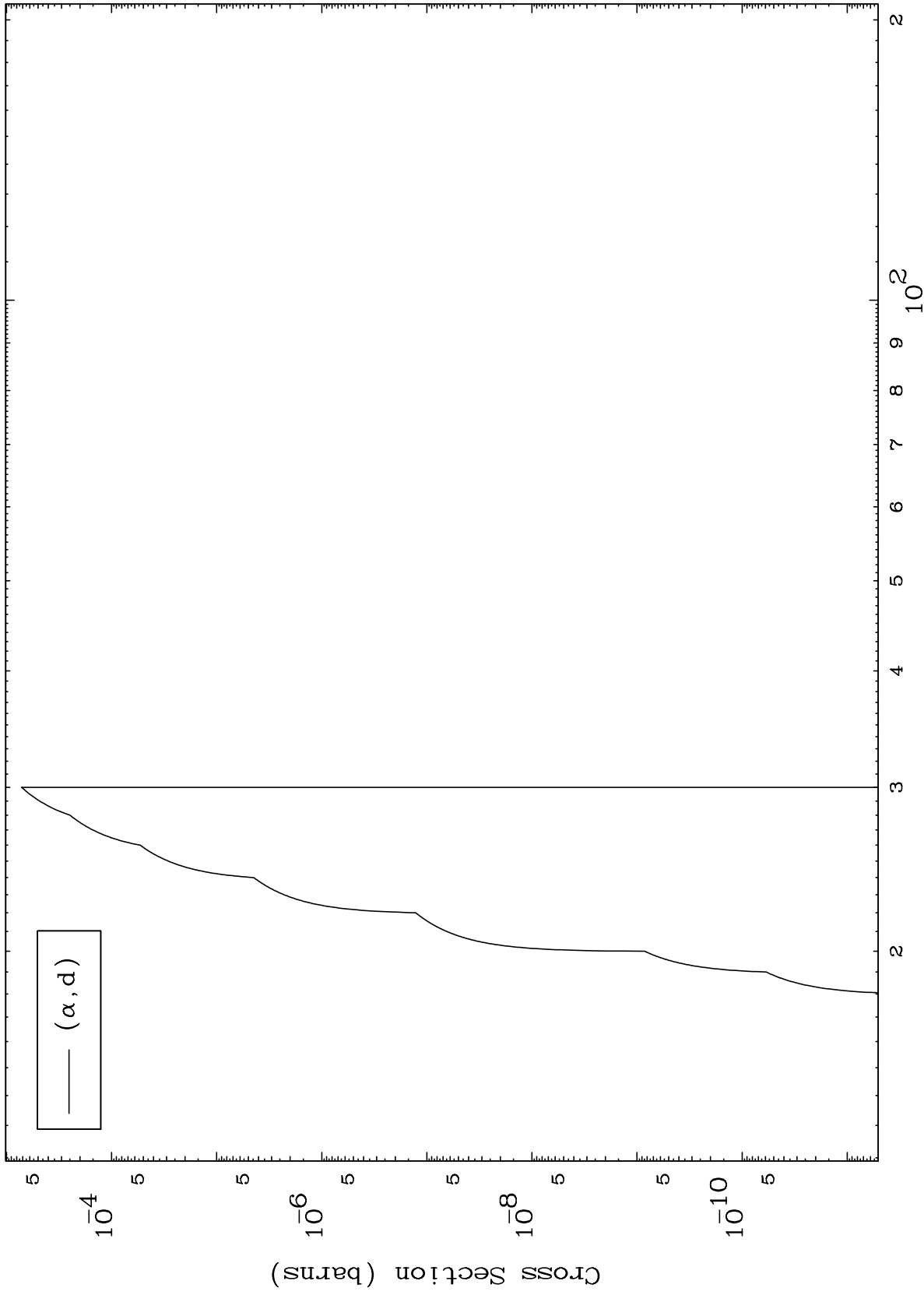
(α, p) Levels
0 Kelvin Cross Sections

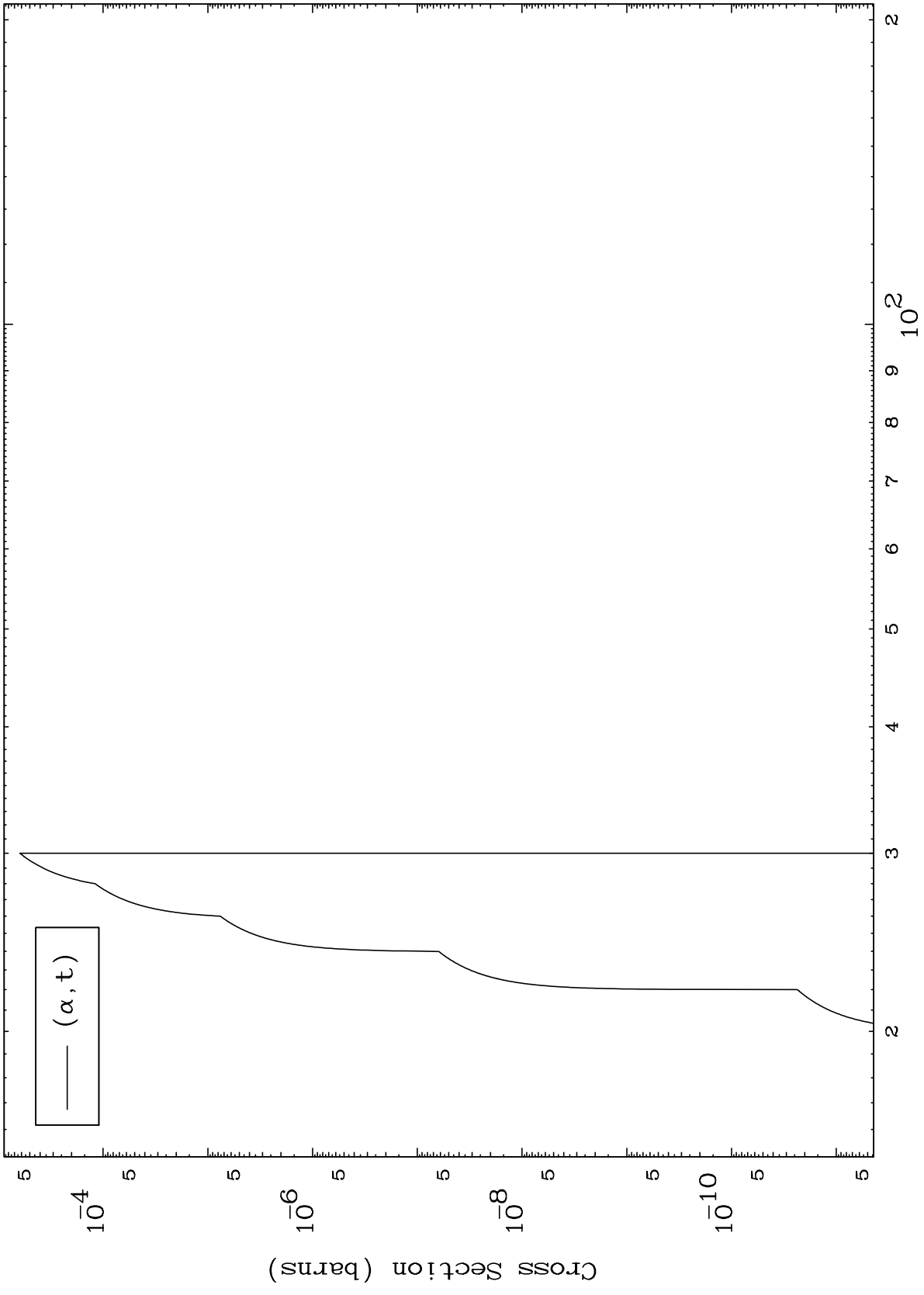
81-T1-196



6

81-T1-196

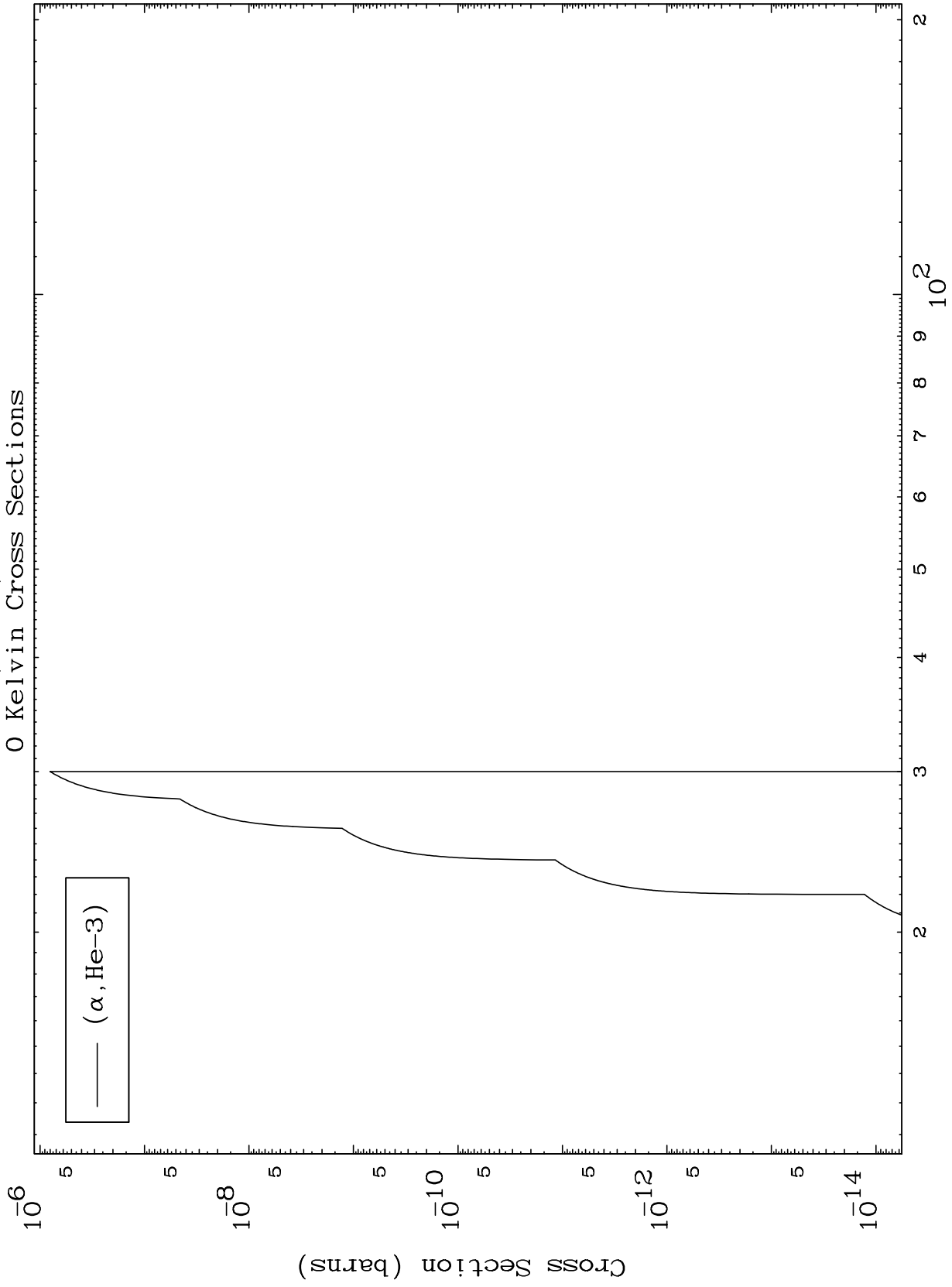




MAT 8104

(α ,He3) Levels
0 Kelvin Cross Sections

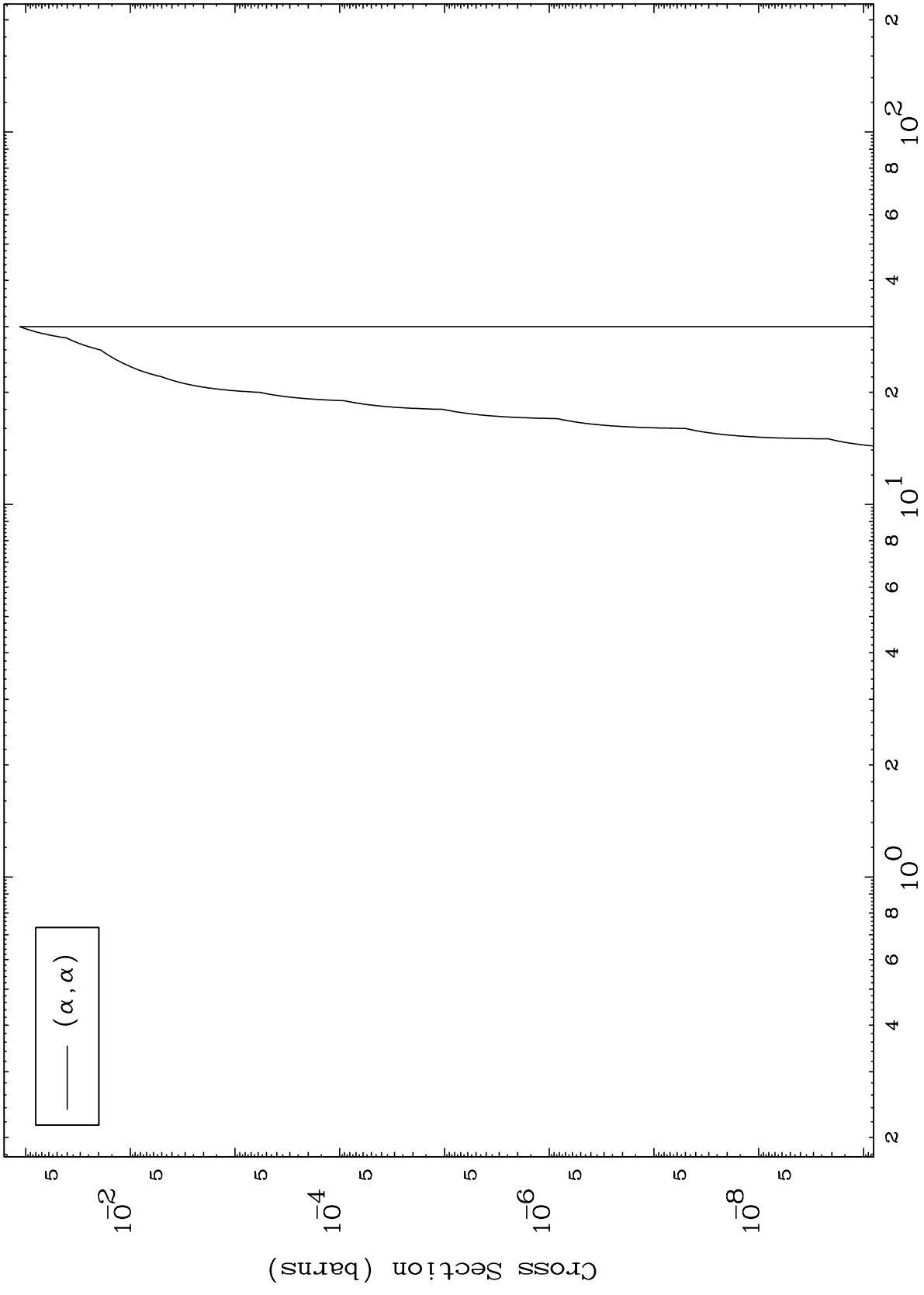
81-T1-196



MAT 8104

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-196

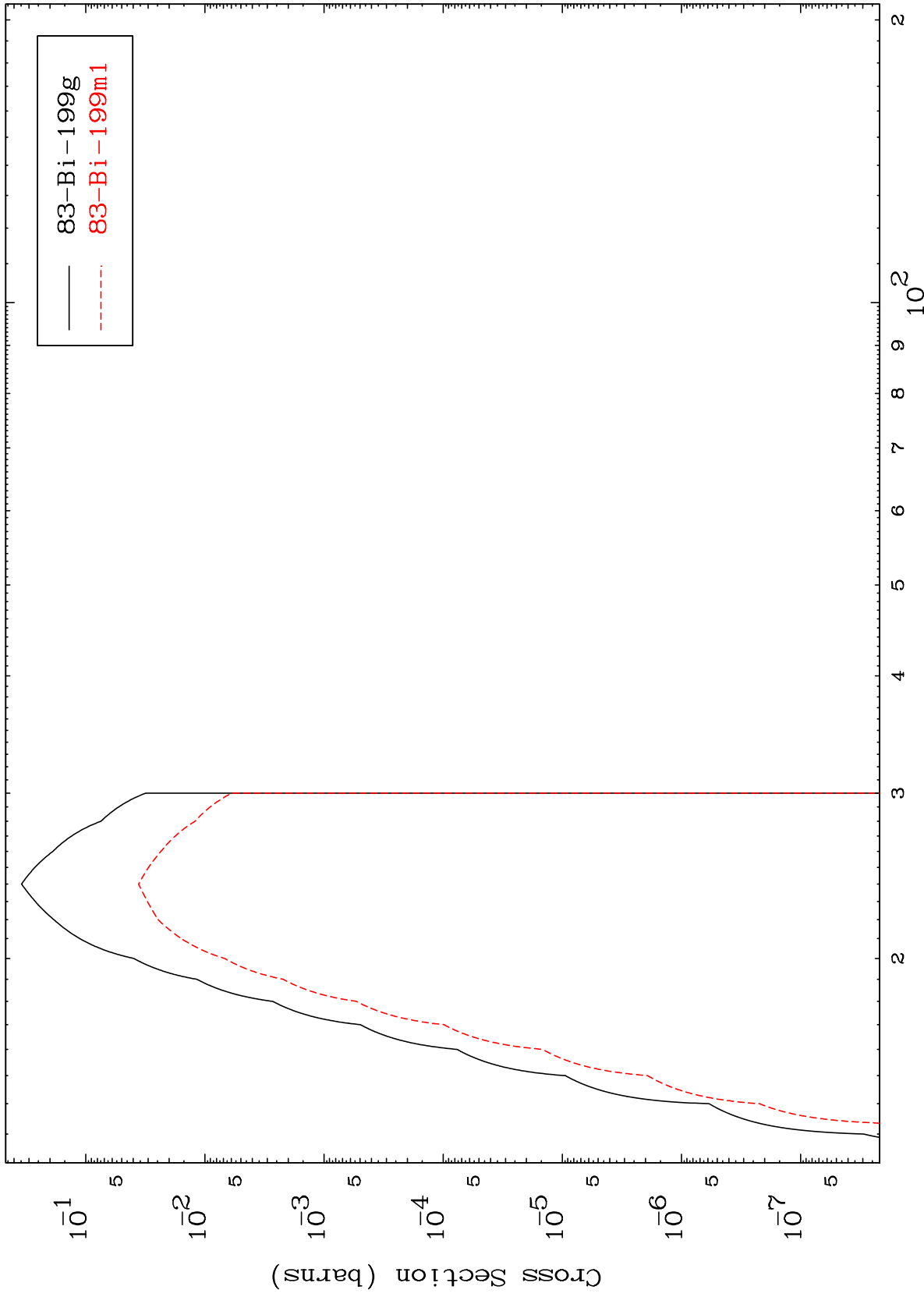


10

Incident Energy (MeV)

81-Tl-196

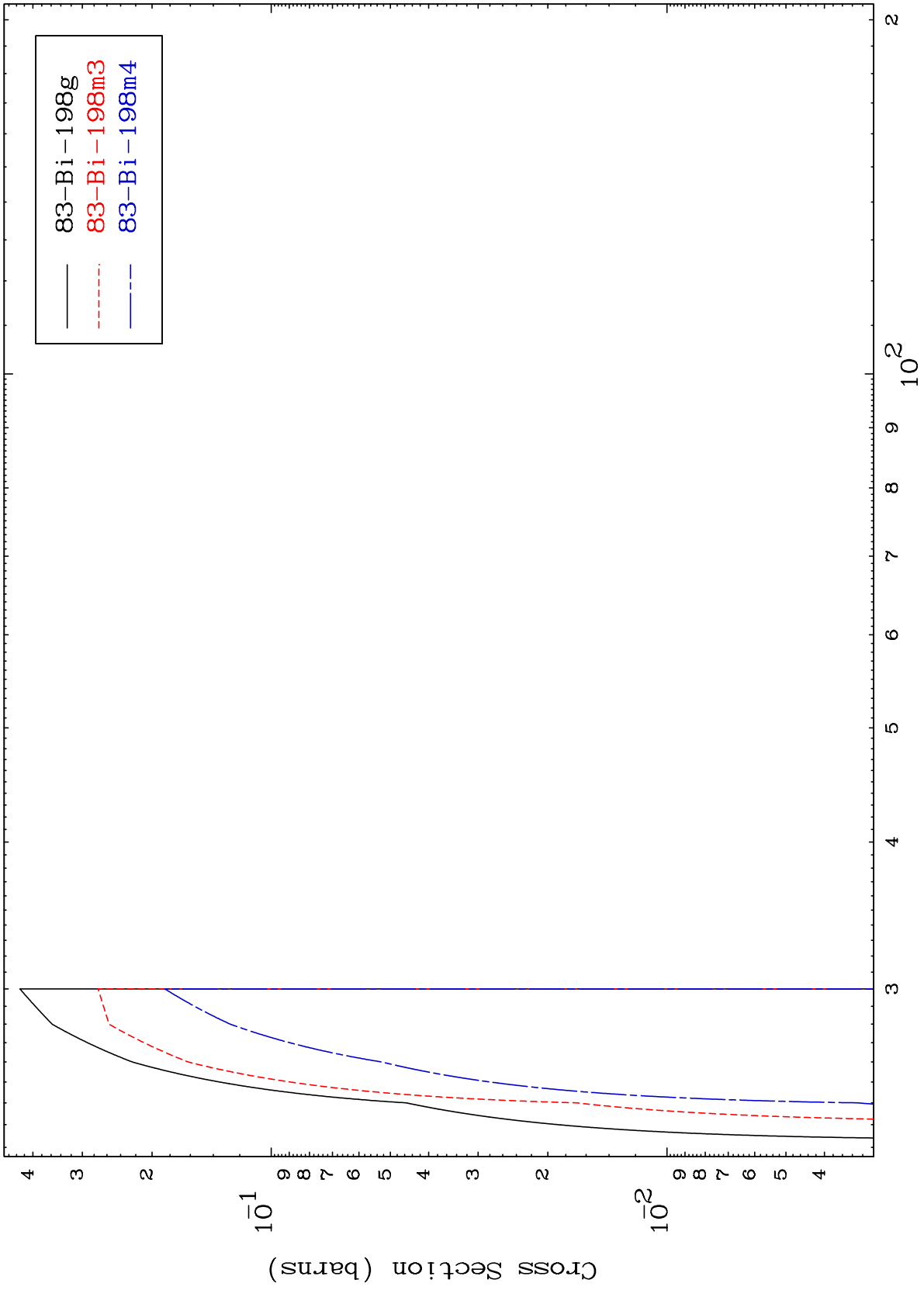
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

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



12

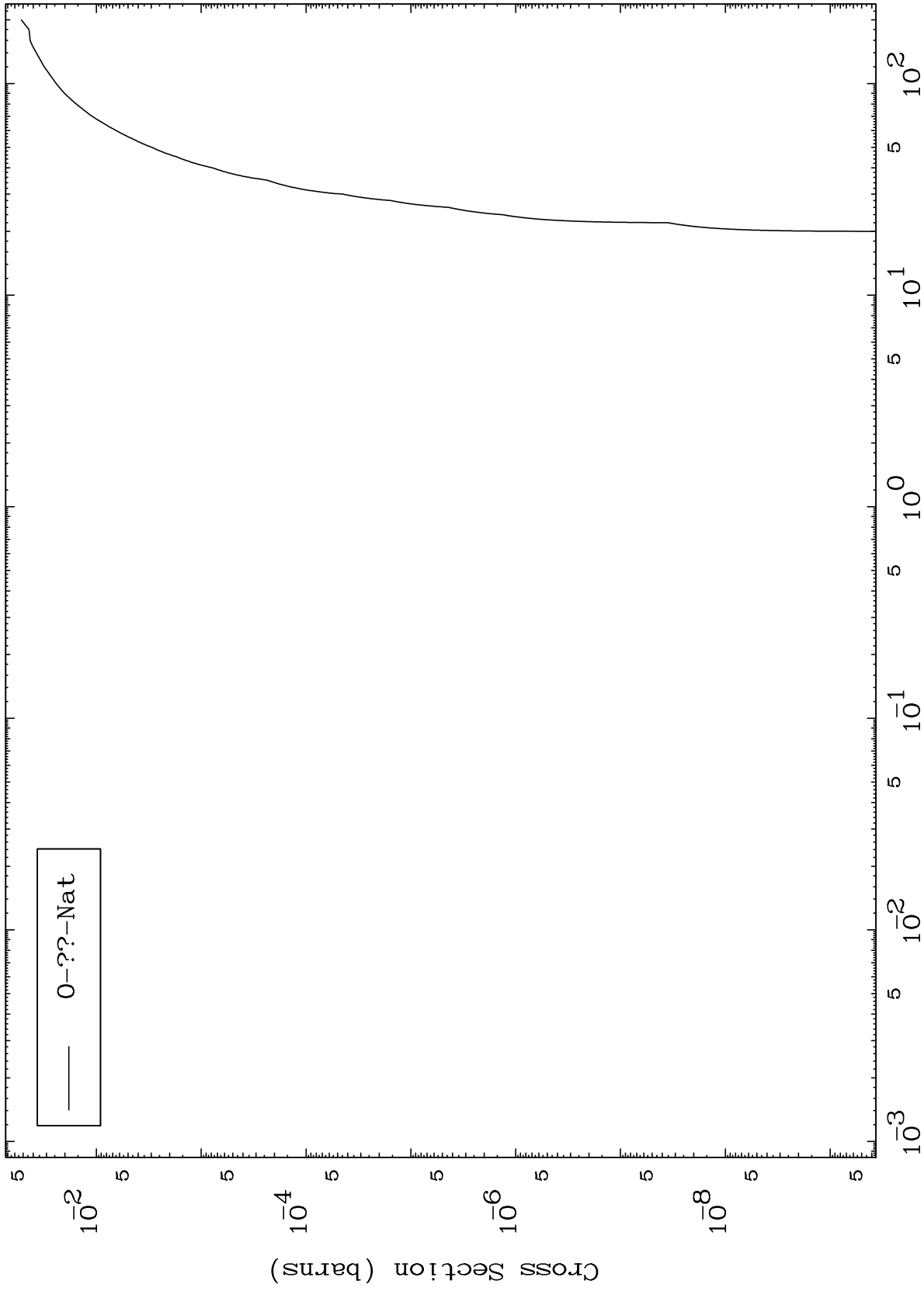
Incident Energy (MeV)

81-Tl-196

MAT 8104

Radionuclide Production Cross Section
 α Fission

81-Tl-196



13

Incident Energy (MeV)

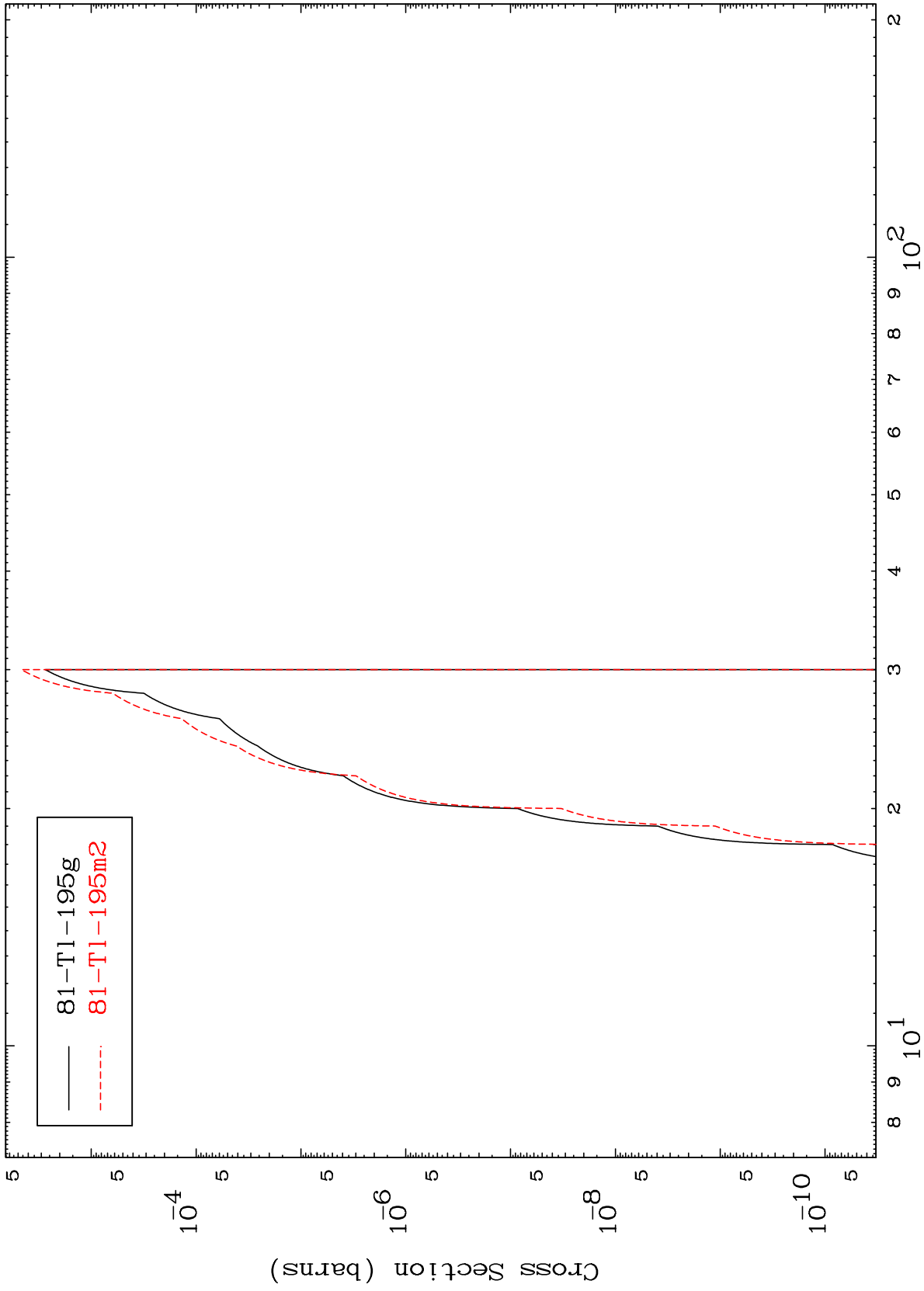
81-Tl-196

MAT 8104

(α, n') α

81-Tl-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

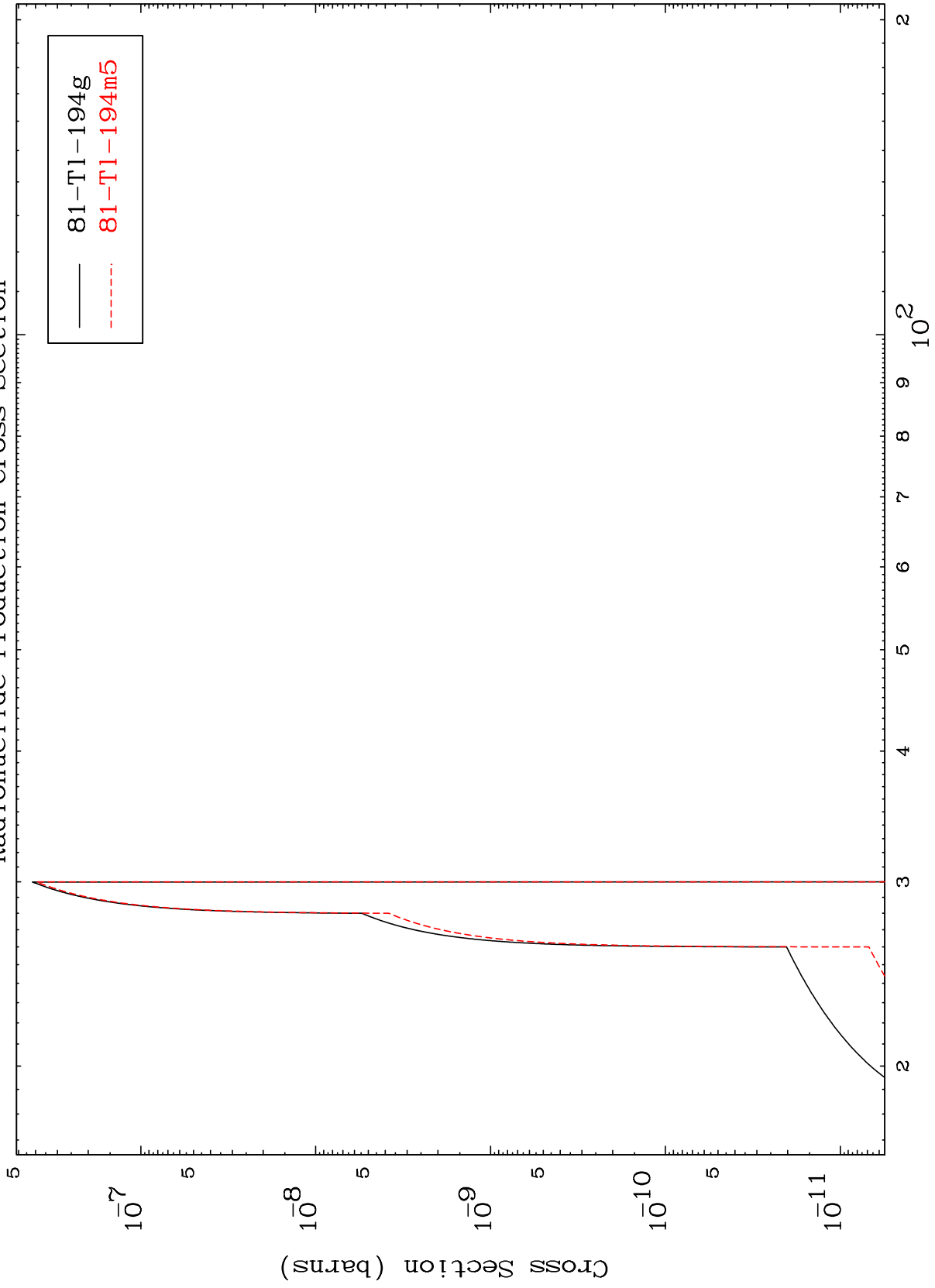
81-Tl-196

MAT 8104

$(\alpha, 2n) \alpha$

81-Tl-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

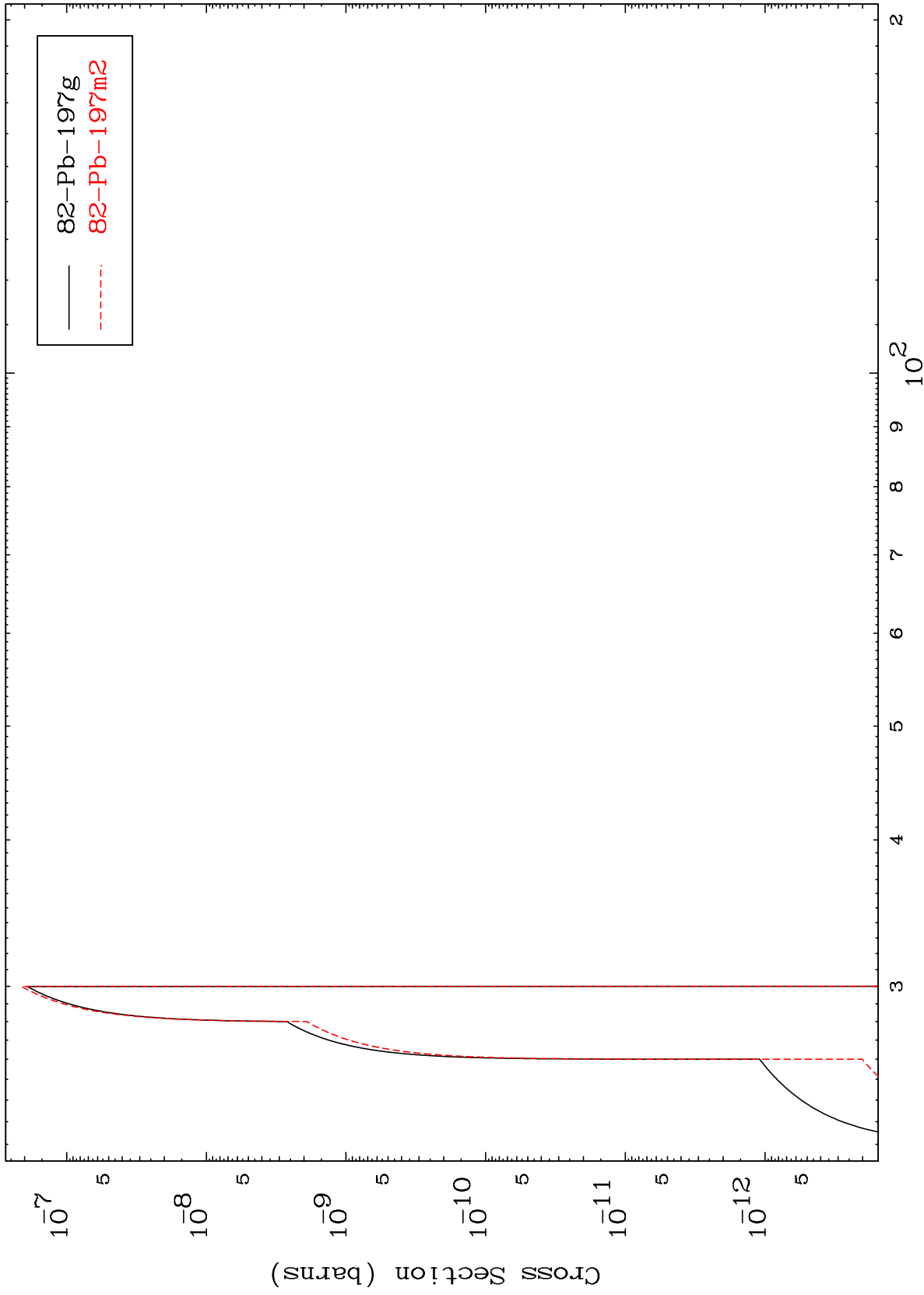
81-Tl-196

MAT 8104

(α, n') d

81-T1-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

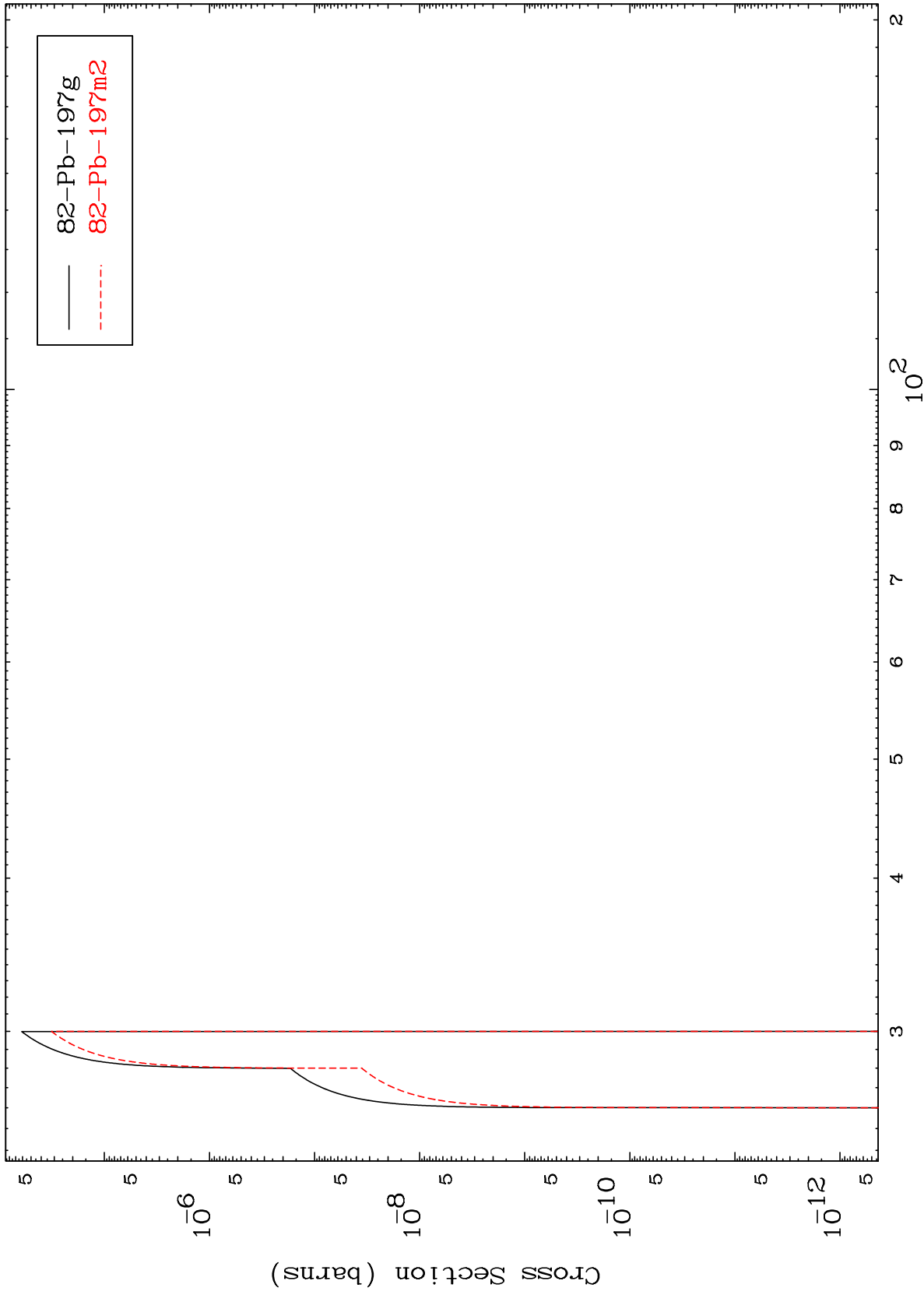
81-T1-196

MAT 8104

($\alpha, 2n$) p

81-T1-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

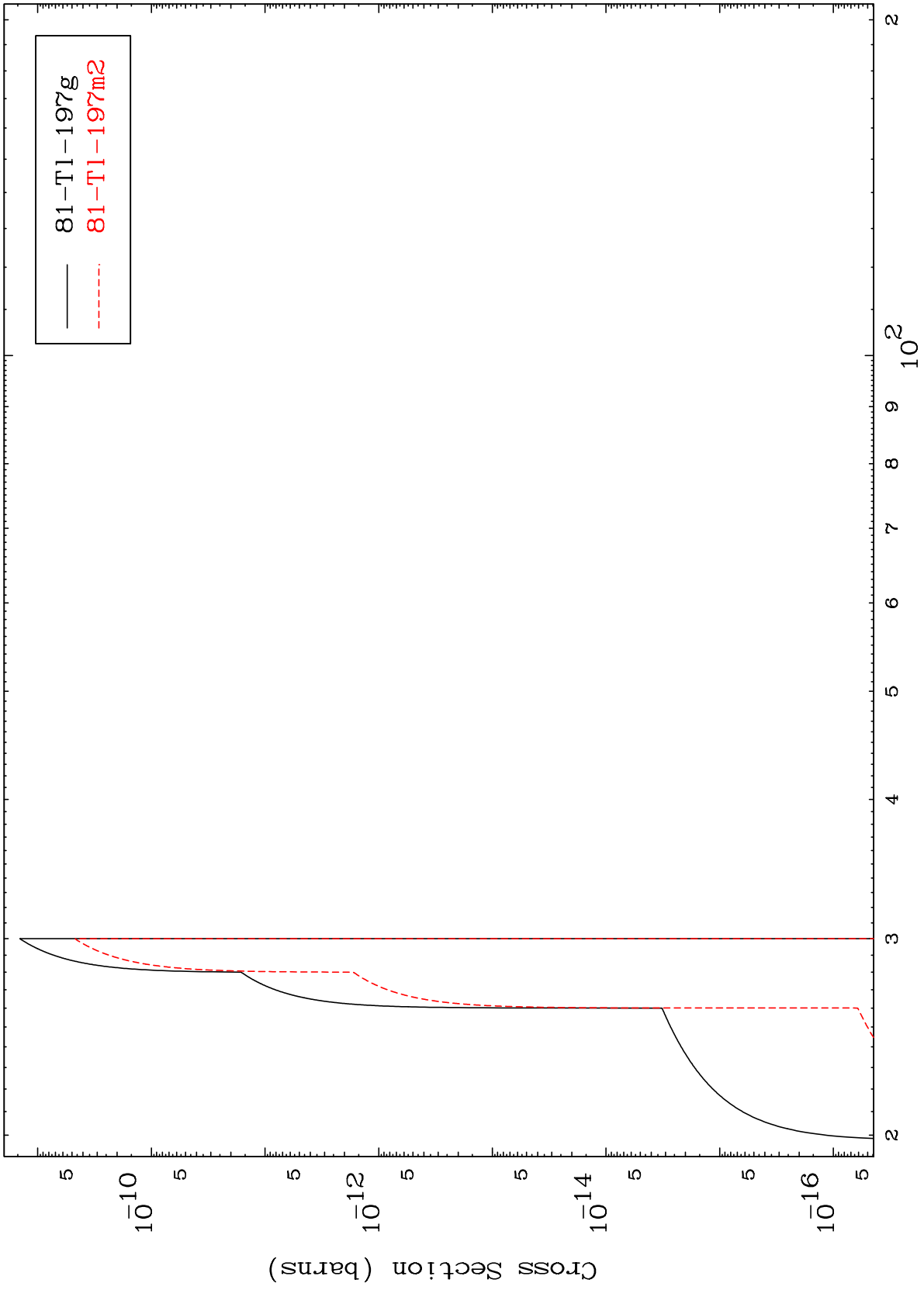
81-T1-196

MAT 8104

($\alpha, 2n$) p

81-Tl-196

Radionuclide Production Cross Section



18

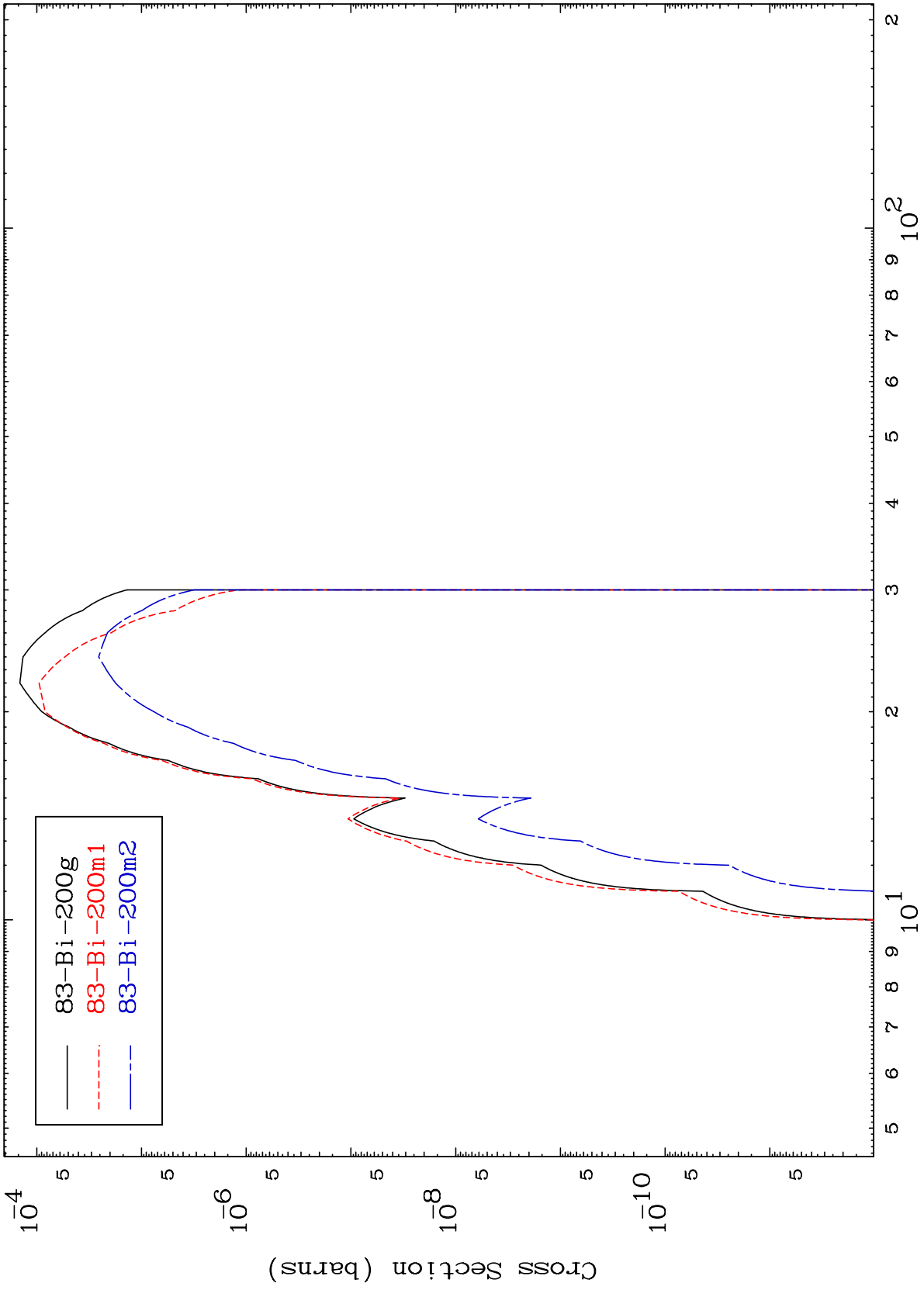
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

Radionuclide Production Cross Section
(α, γ)



19

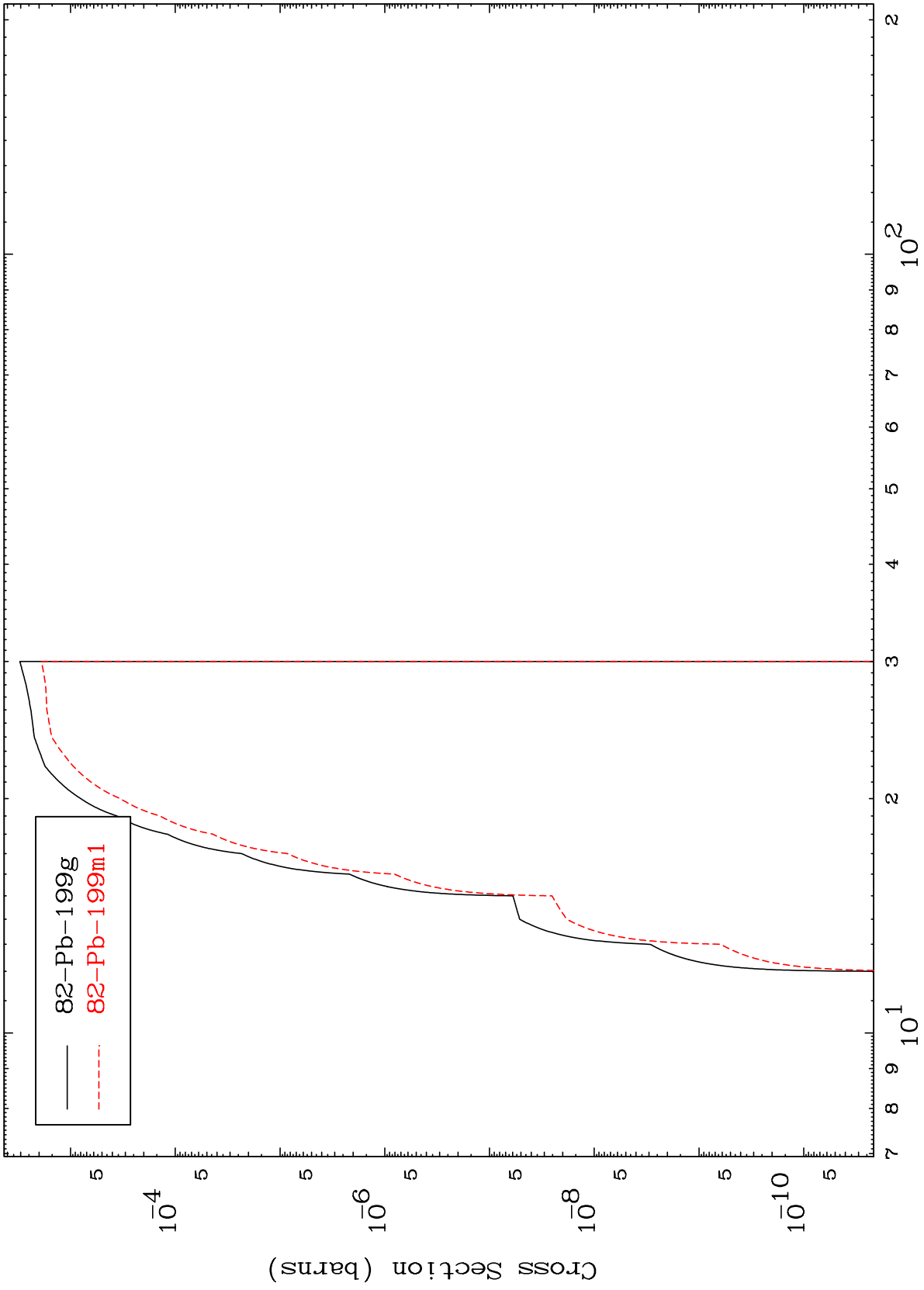
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

(α, p)
Radionuclide Production Cross Section



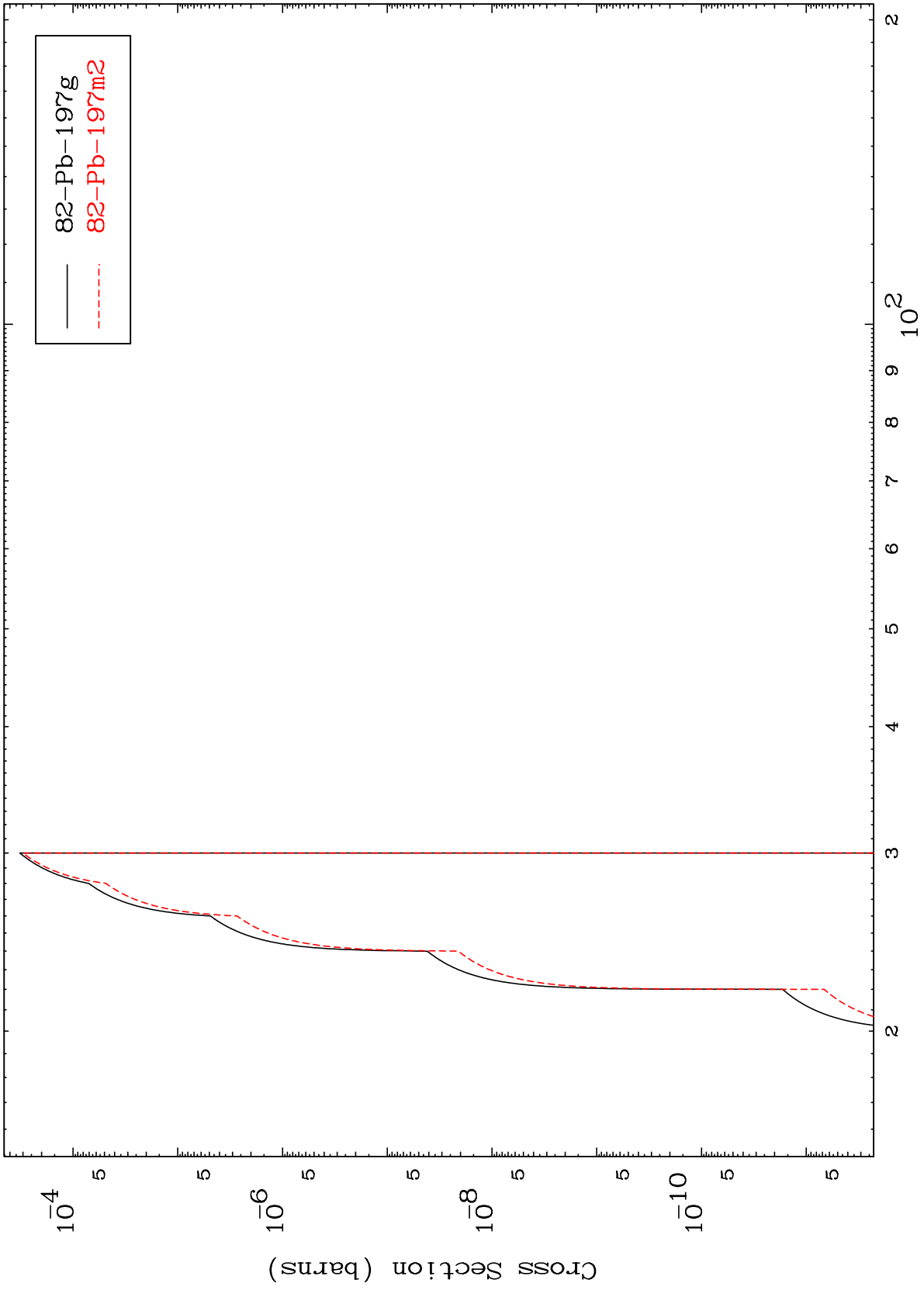
20

81-Tl-196

MAT 8104

81-Tl-196

(α, t)
Radionuclide Production Cross Section



21

81-Tl-196

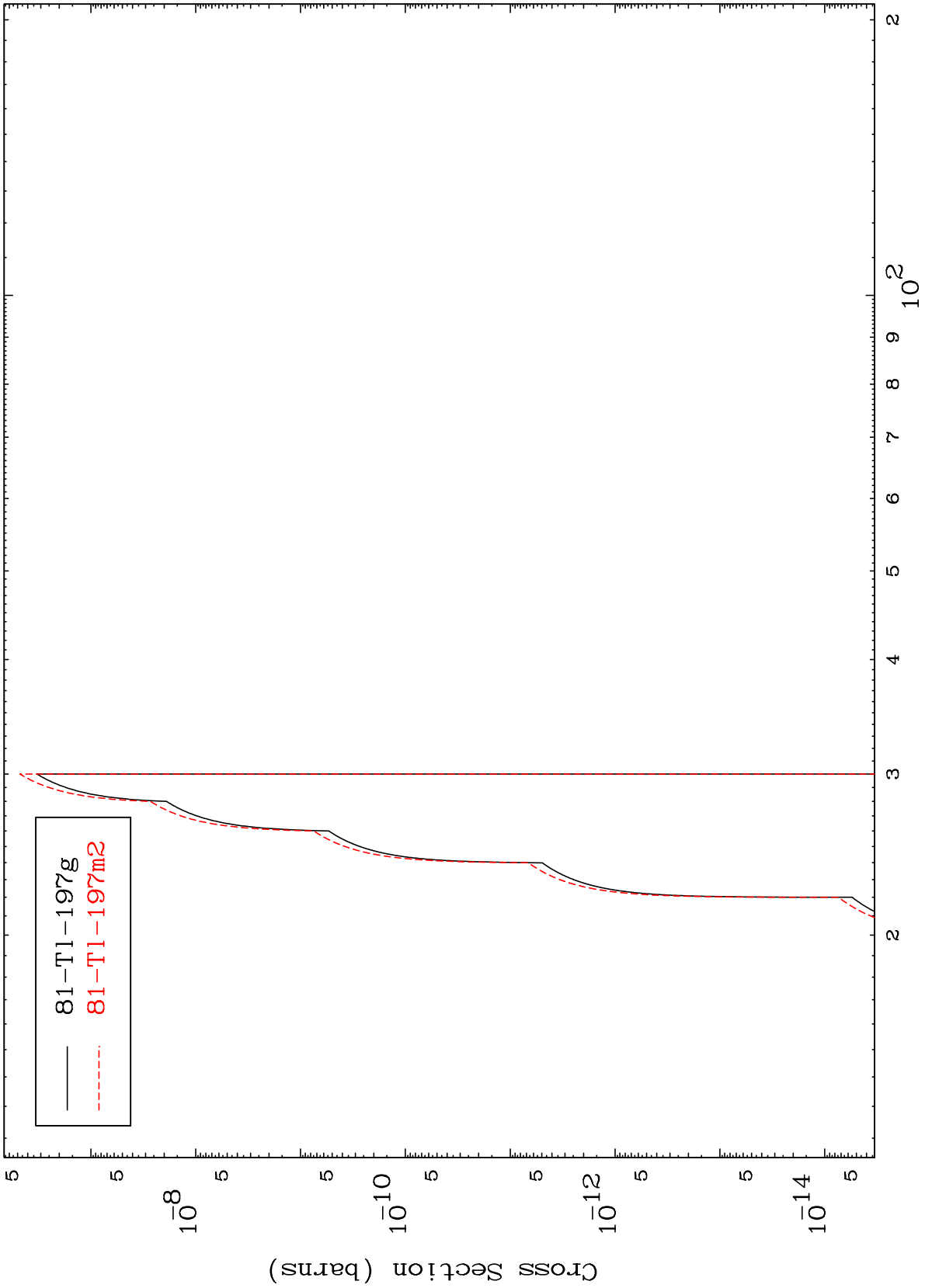
Incident Energy (MeV)

MAT 8104

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

81-Tl-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

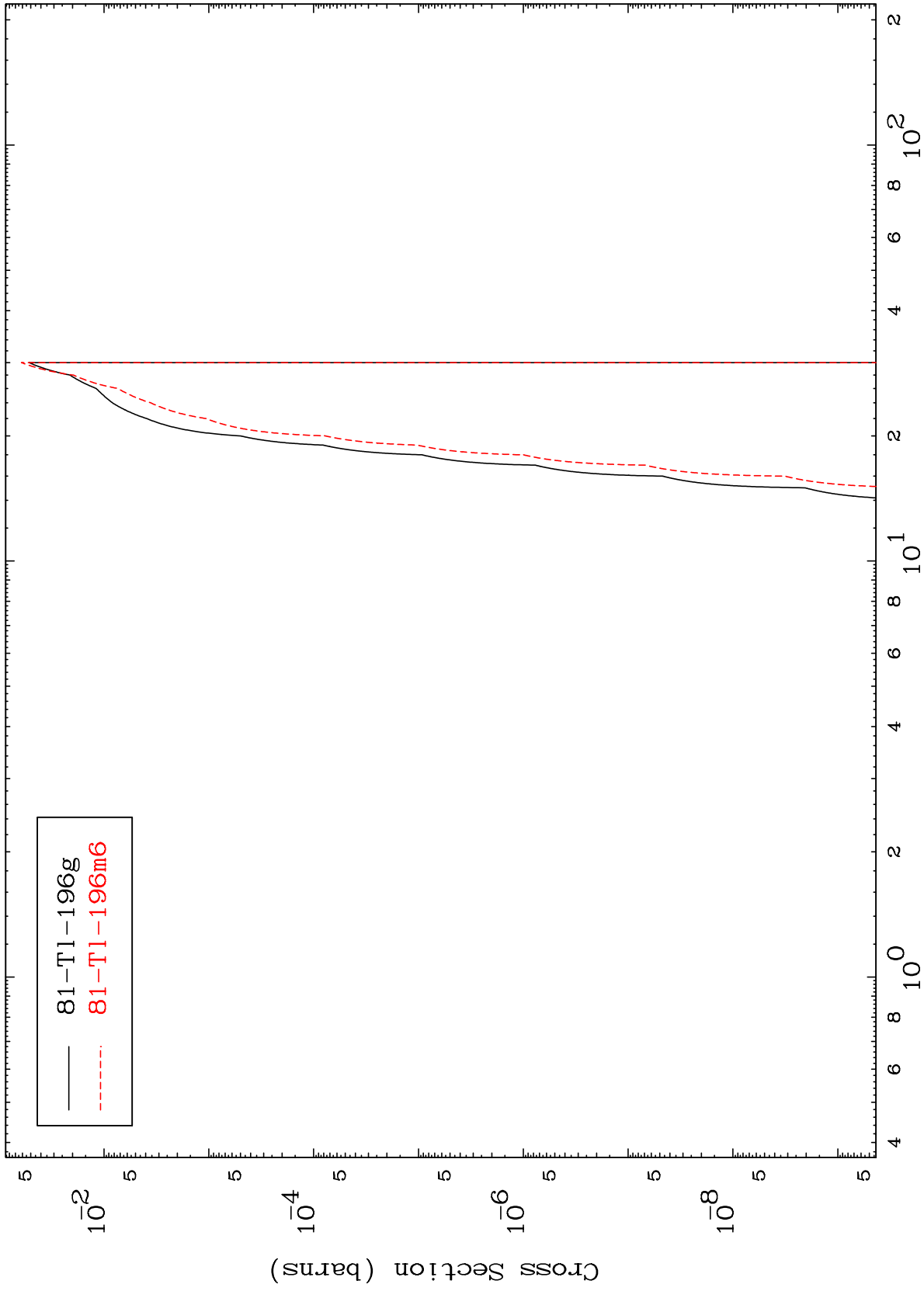
81-Tl-196

MAT 8104

(α, α)

81-Tl-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

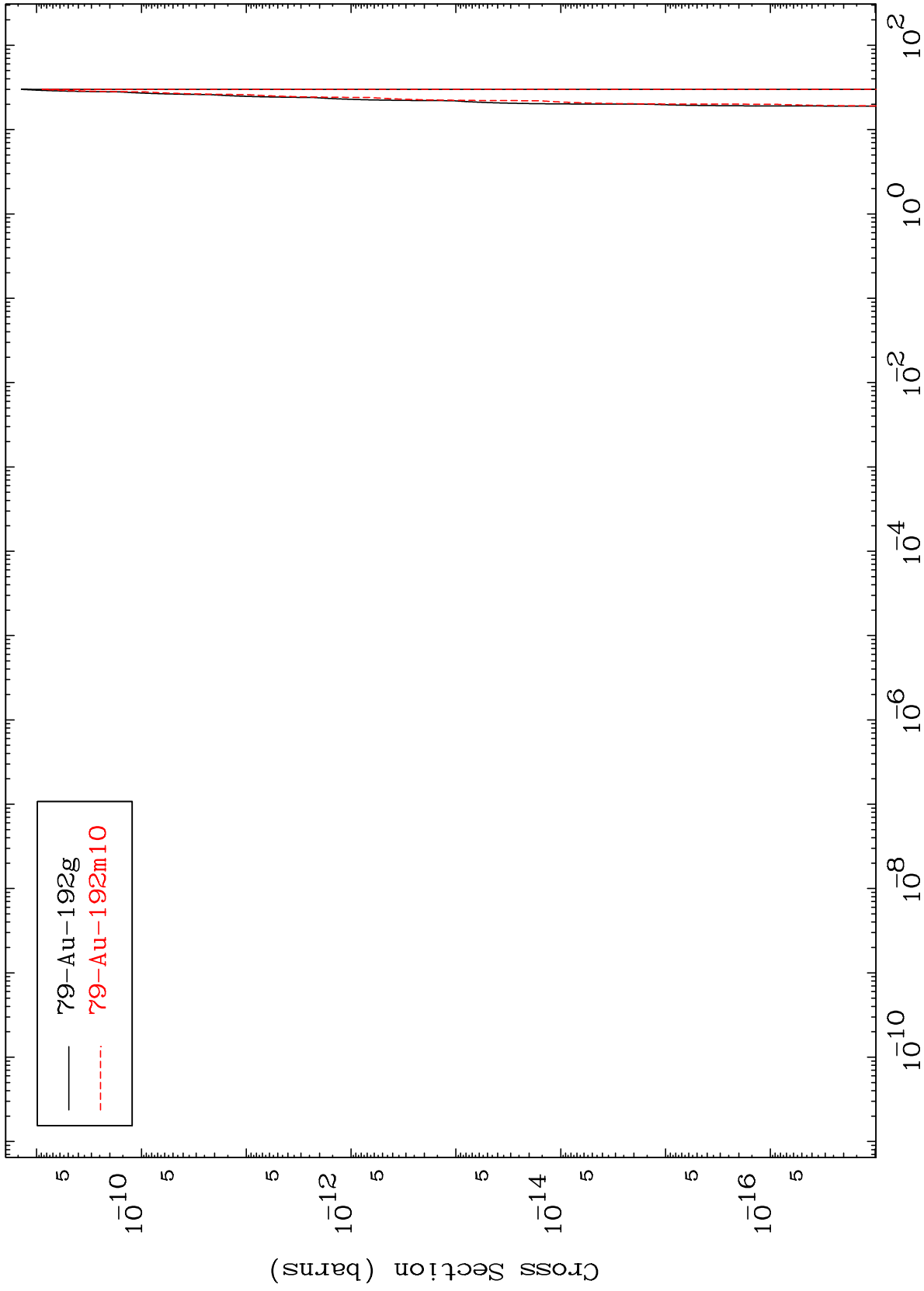
81-Tl-196

MAT 8104

($\alpha, 2\alpha$)

81-Tl-196

Radionuclide Production Cross Section

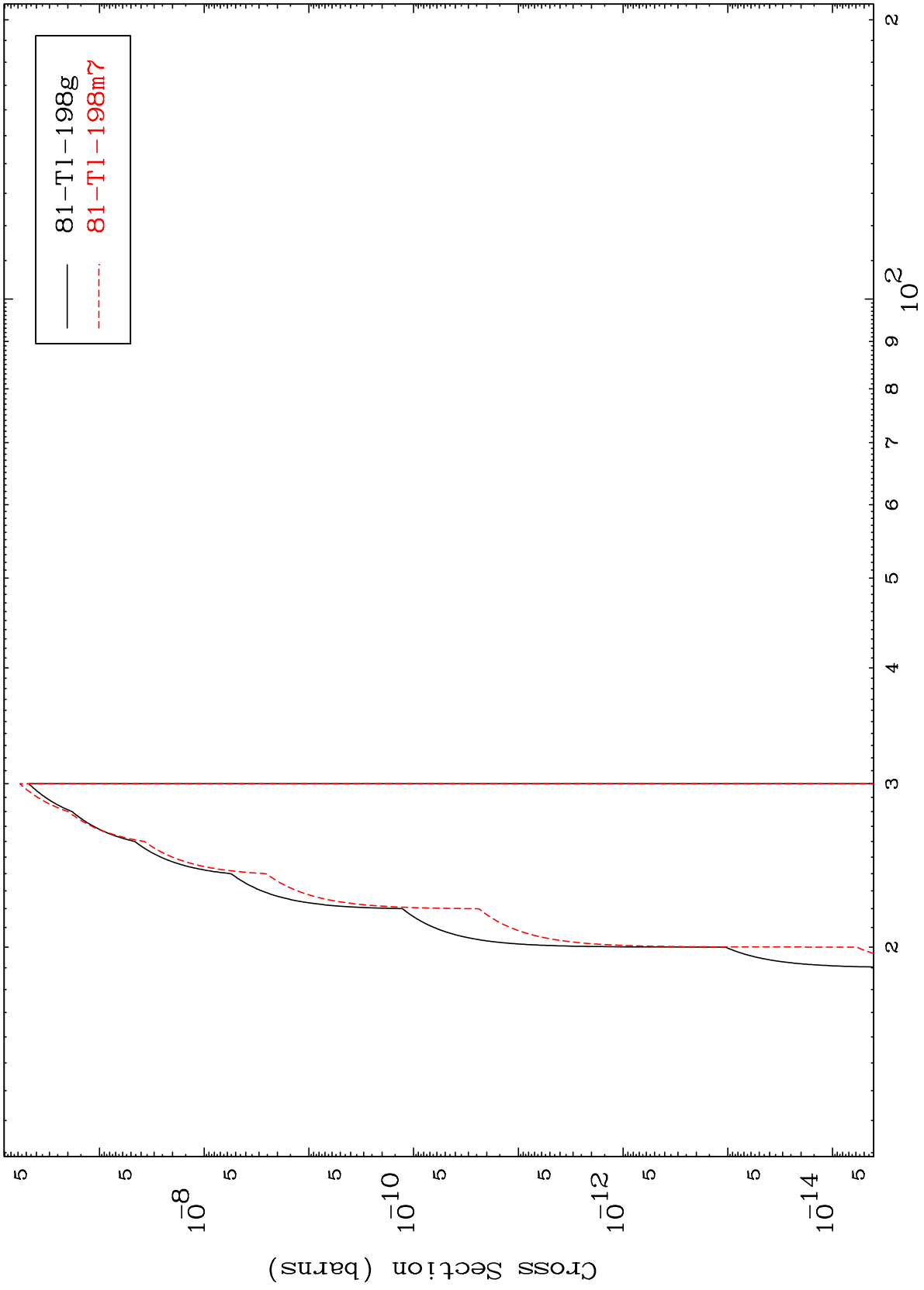


24

Incident Energy (MeV)

81-Tl-196

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

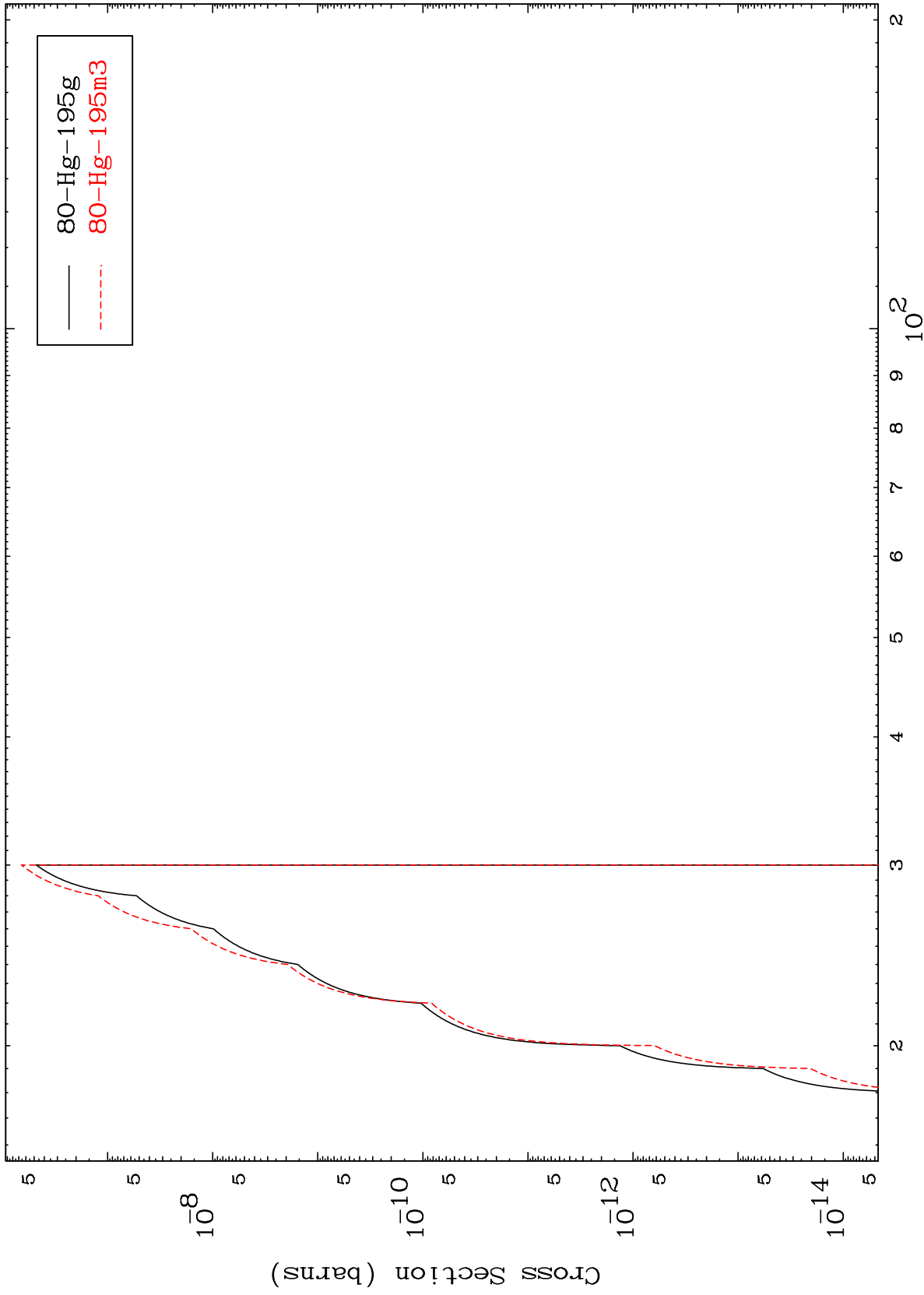


MAT 8104

(α, p) α

81-Tl-196

Radionuclide Production Cross Section



26

Incident Energy (MeV)

81-Tl-196