

Program EVALPLOT
(Version 2018-1)

by

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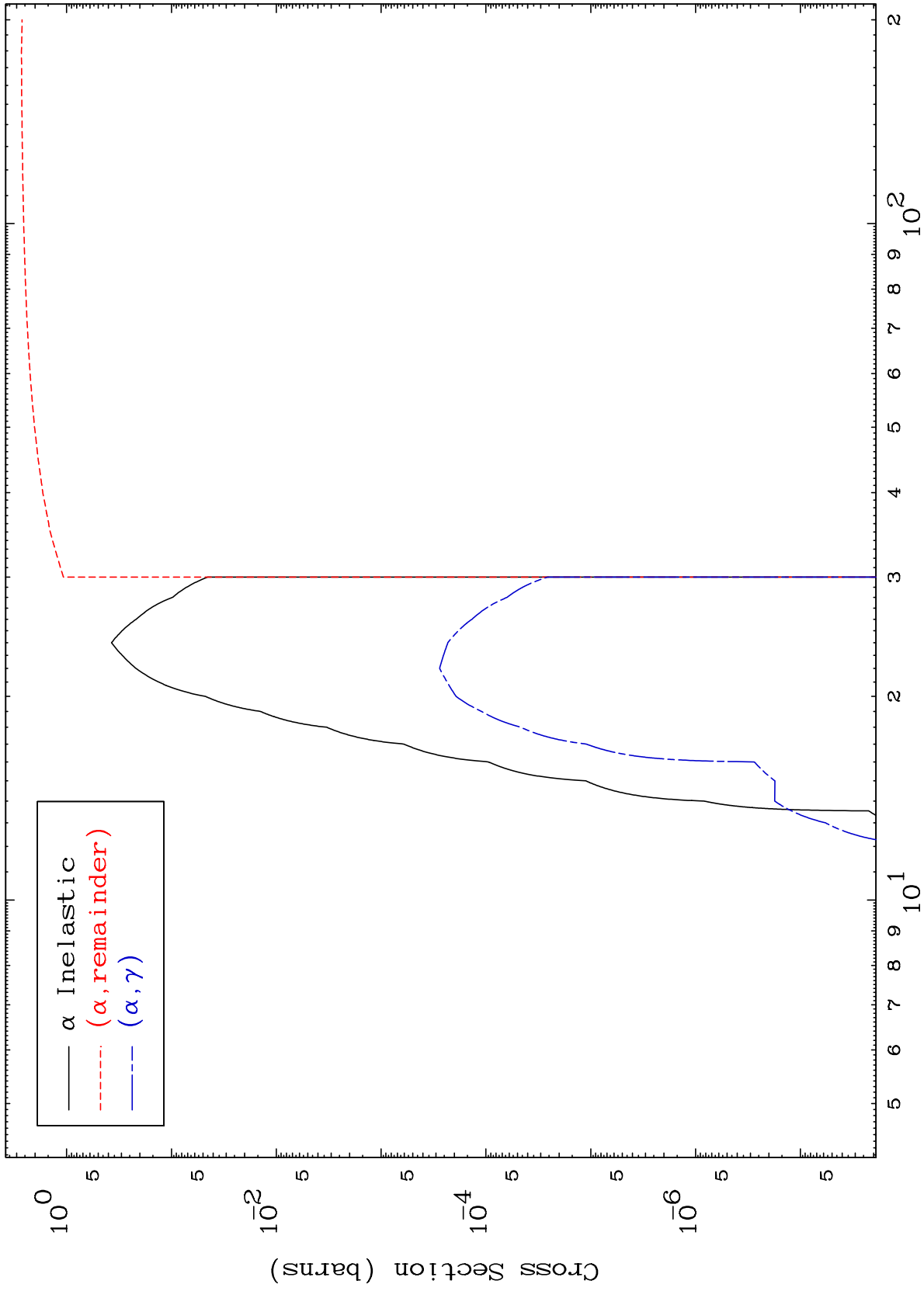
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8105

0 Kelvin α Major
Cross Sections

81-Tl-196



1

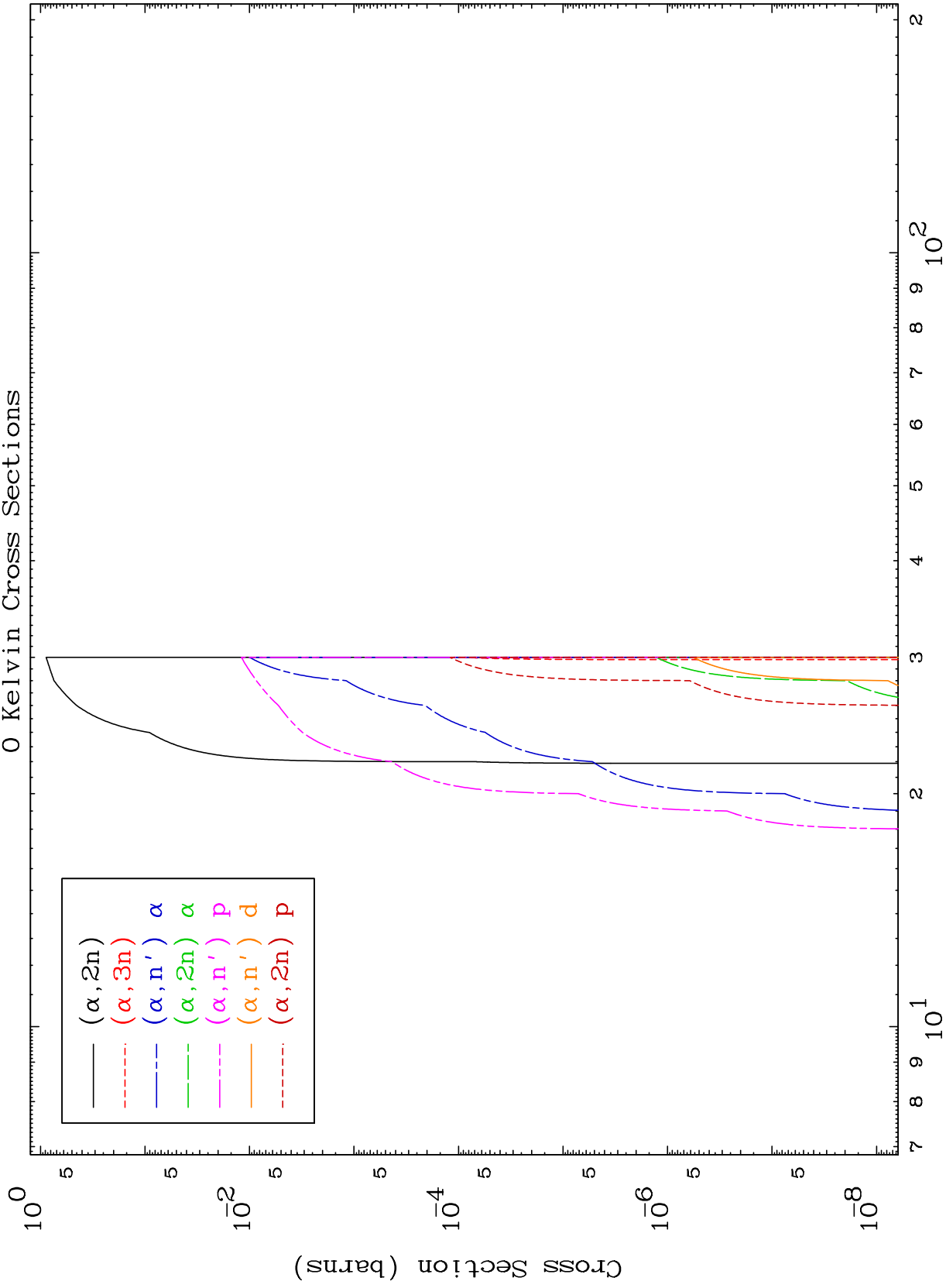
Incident Energy (MeV)

81-Tl-196

MAT 8105

α Neutron Production
0 Kelvin Cross Sections

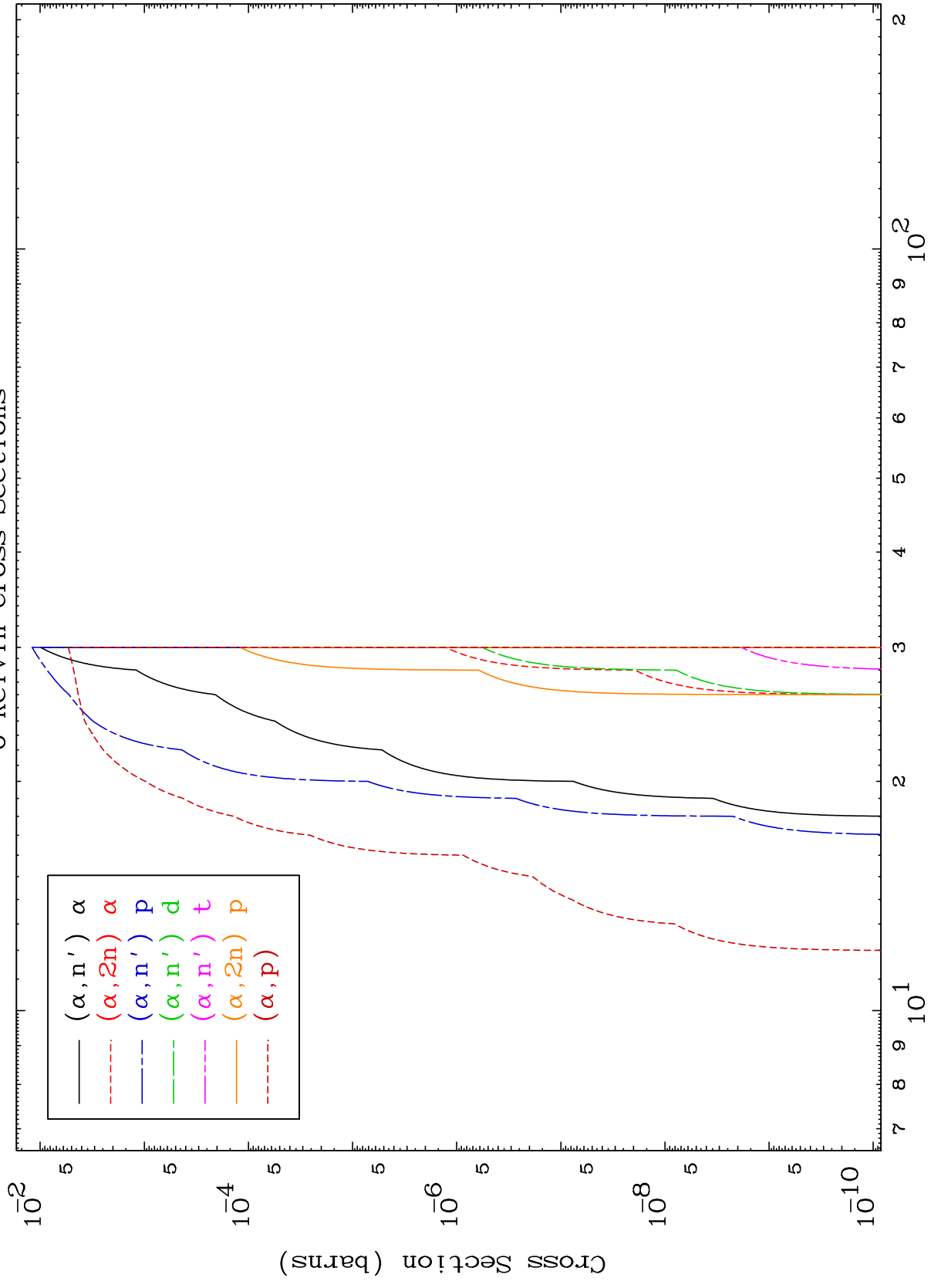
81-Tl-196



2

Incident Energy (MeV)

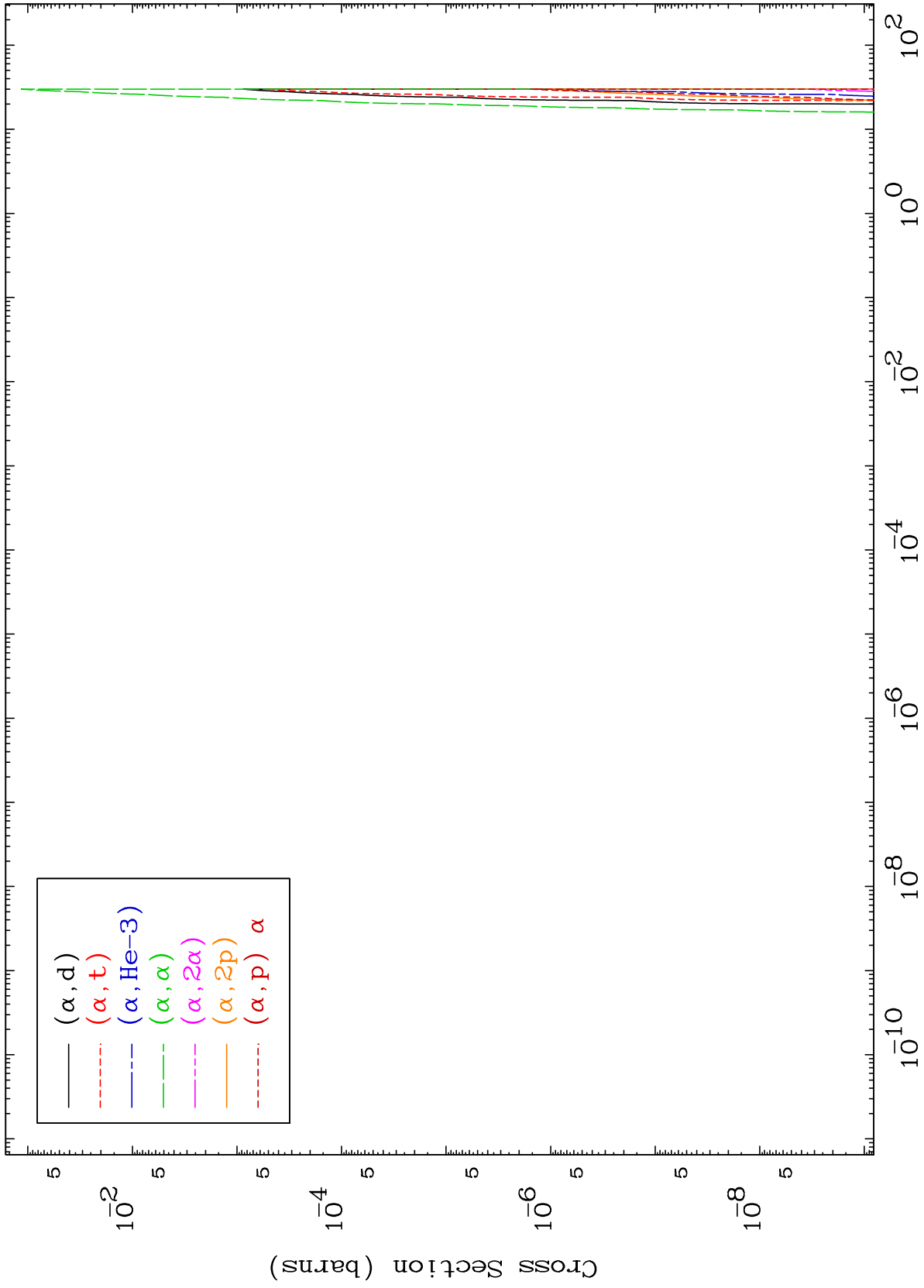
81-Tl-196



MAT 8105

α Charged Particle
0 Kelvin Cross Sections

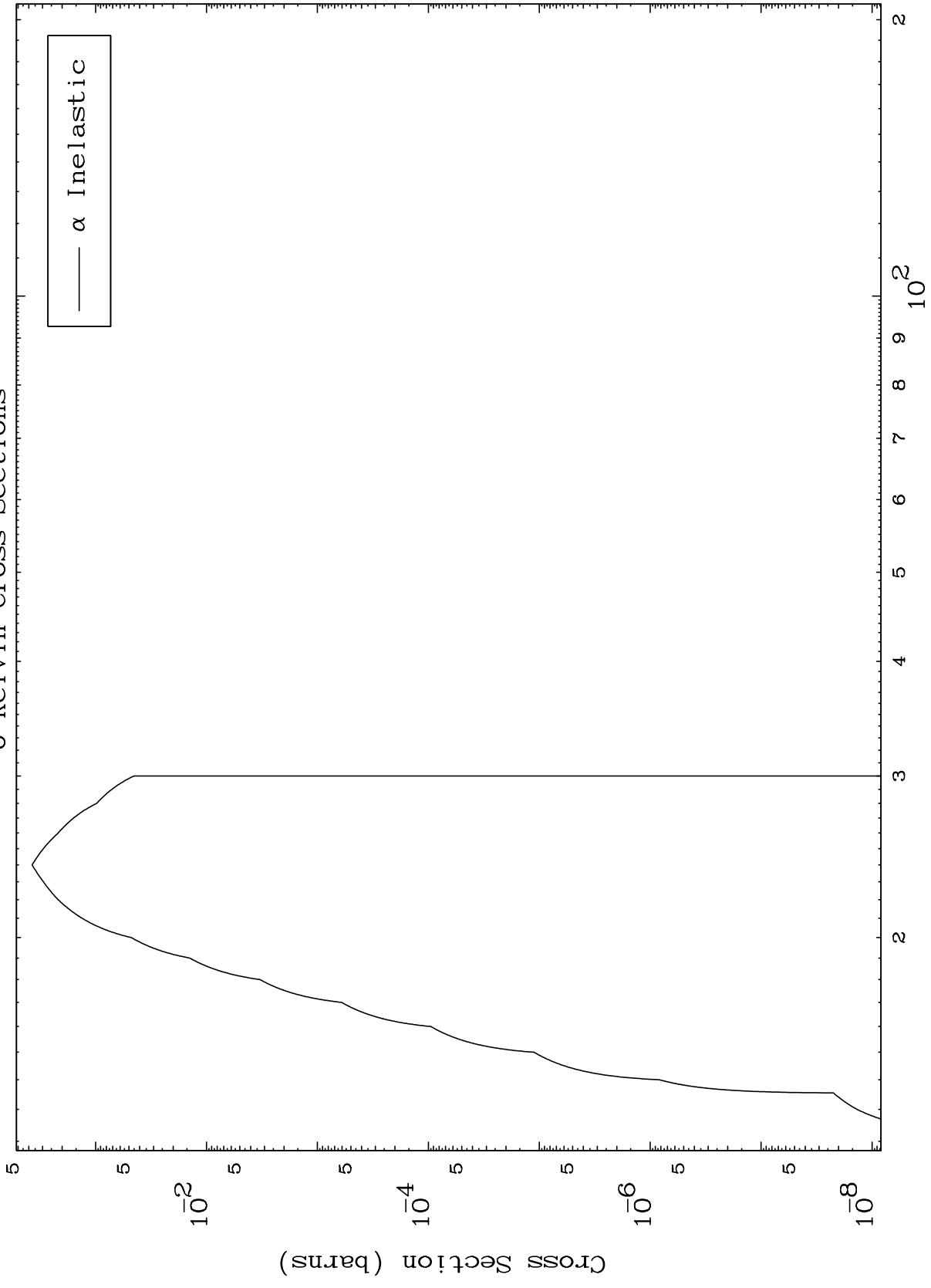
81-Tl-196



MAT 8105

(α, n') Level
0 Kelvin Cross Sections

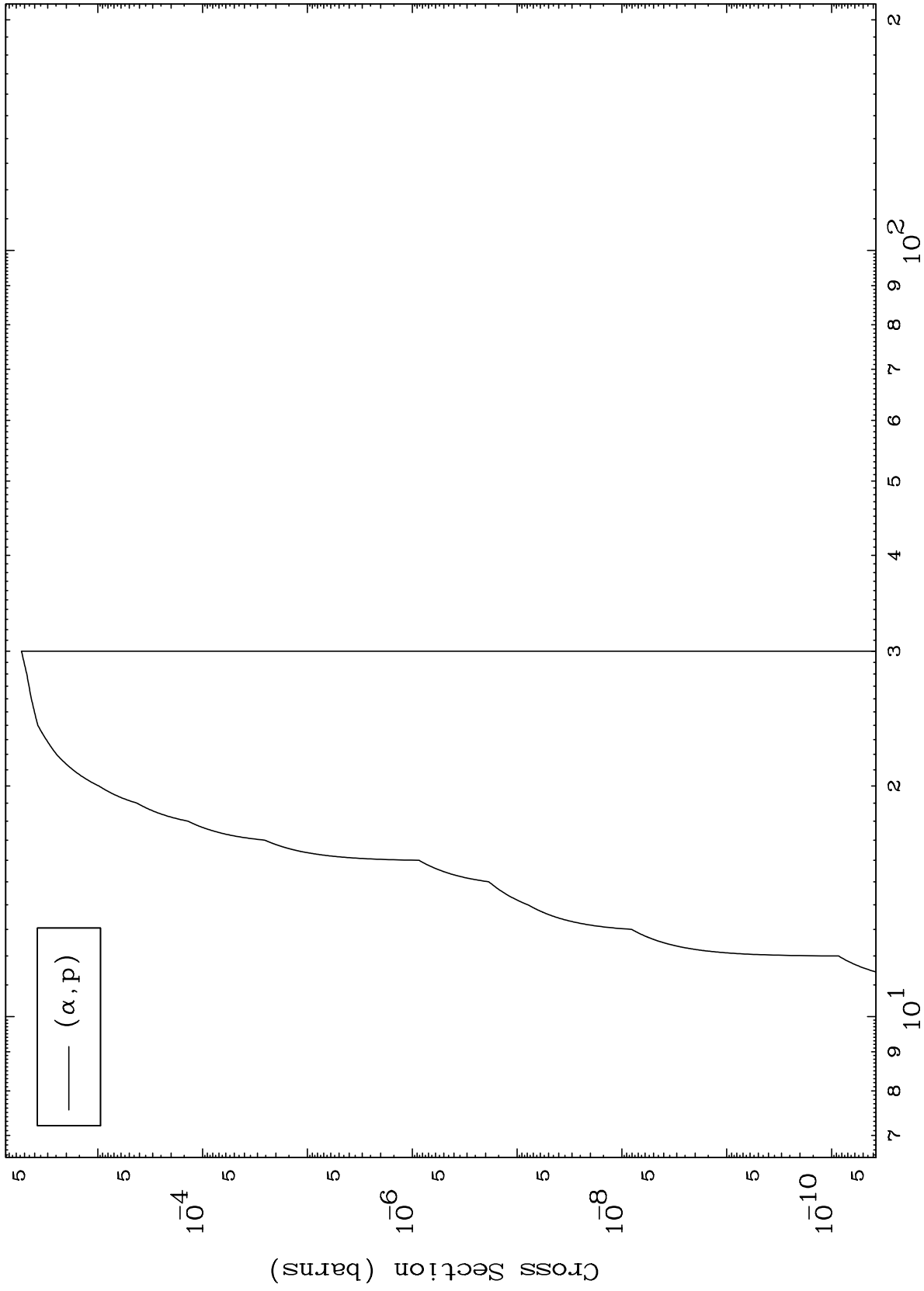
81-T1-196

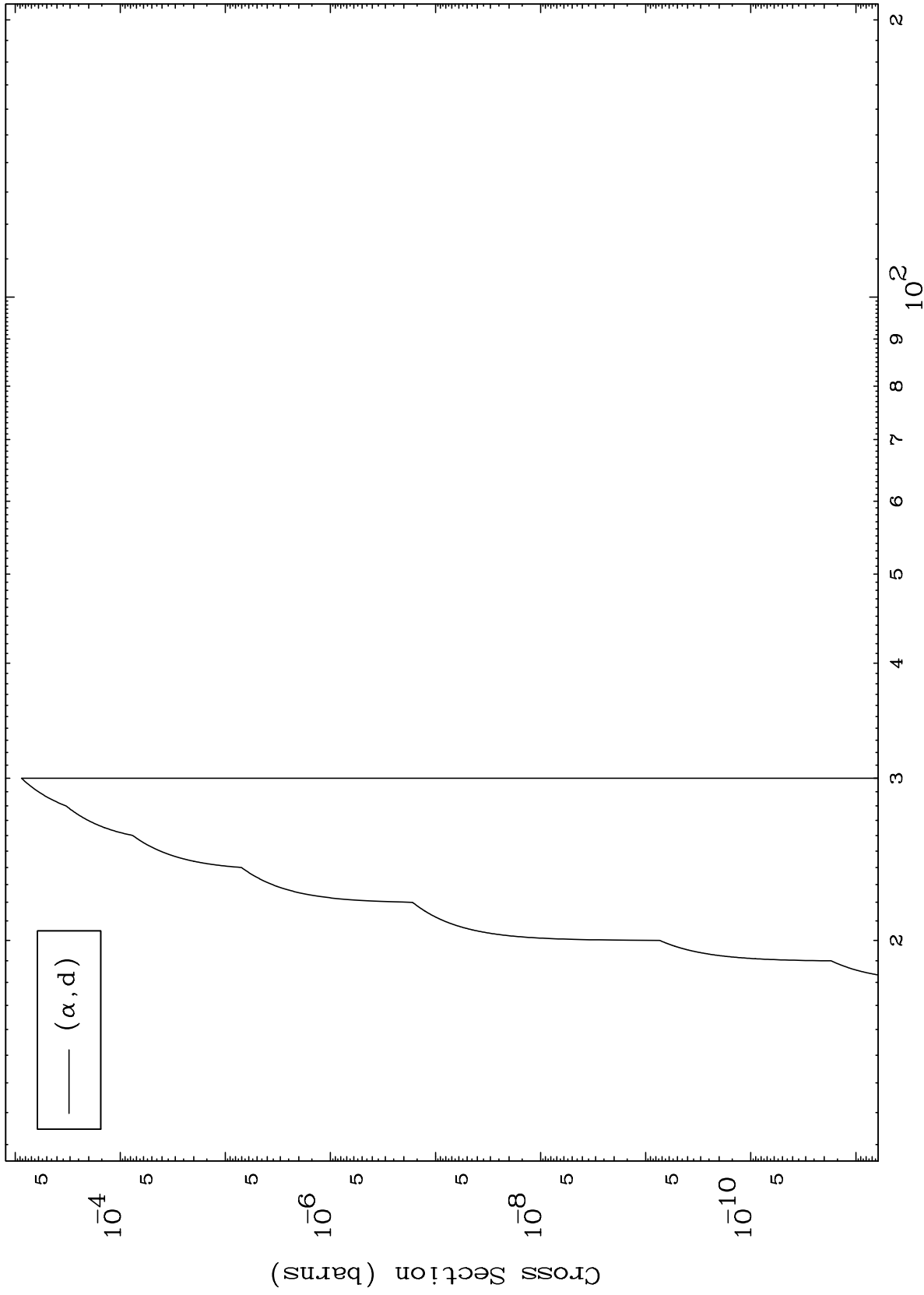


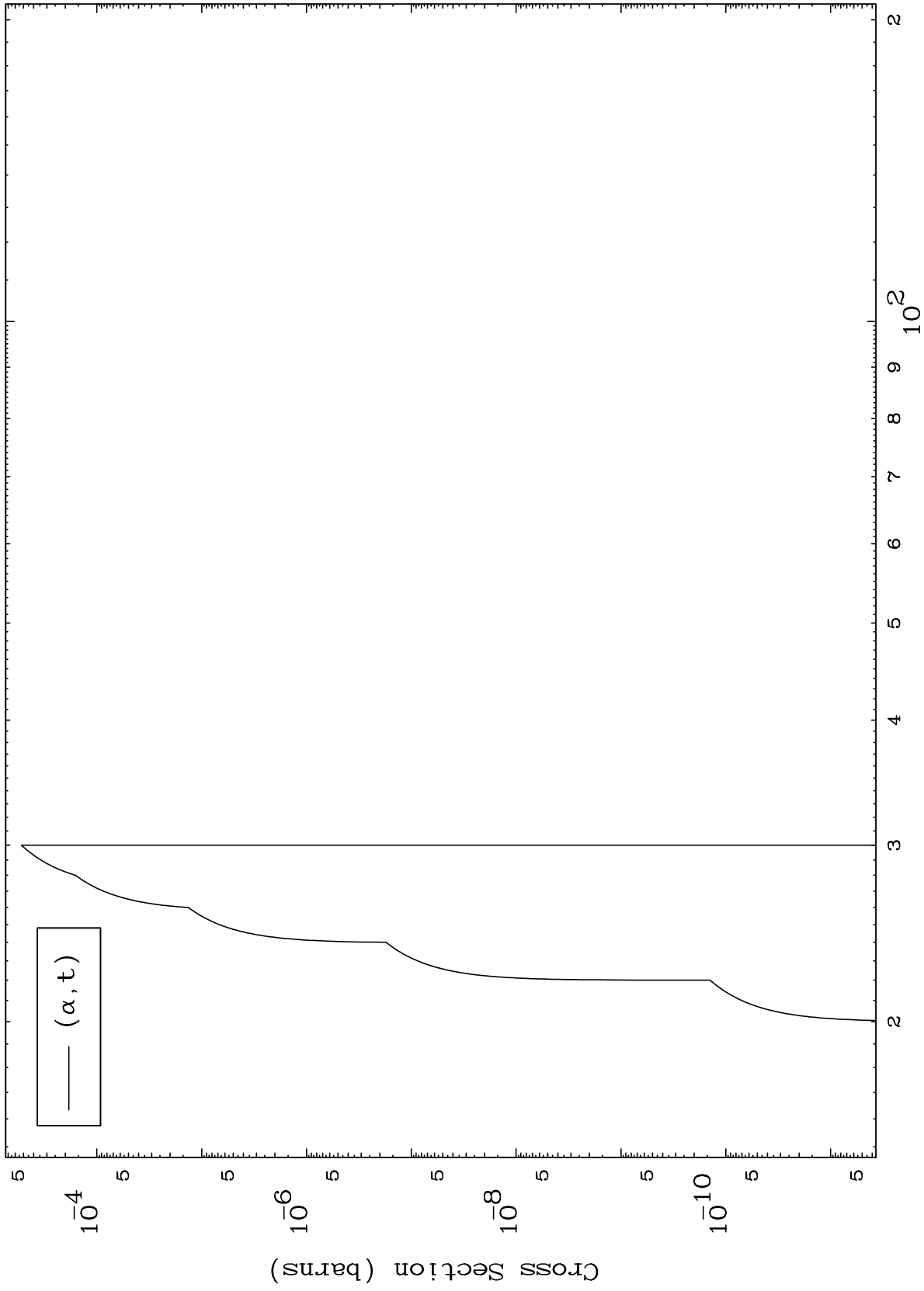
5

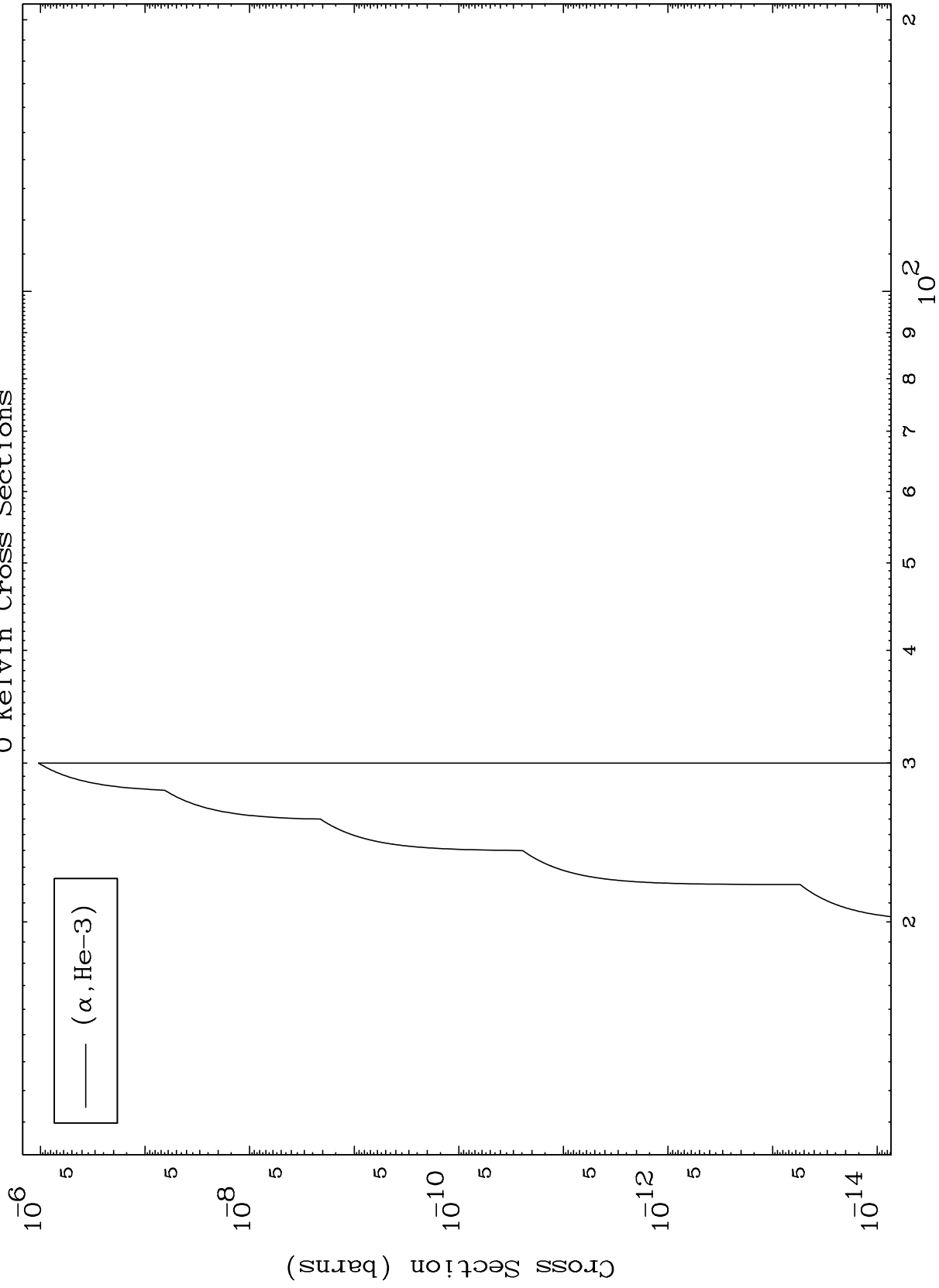
Incident Energy (MeV)

81-T1-196





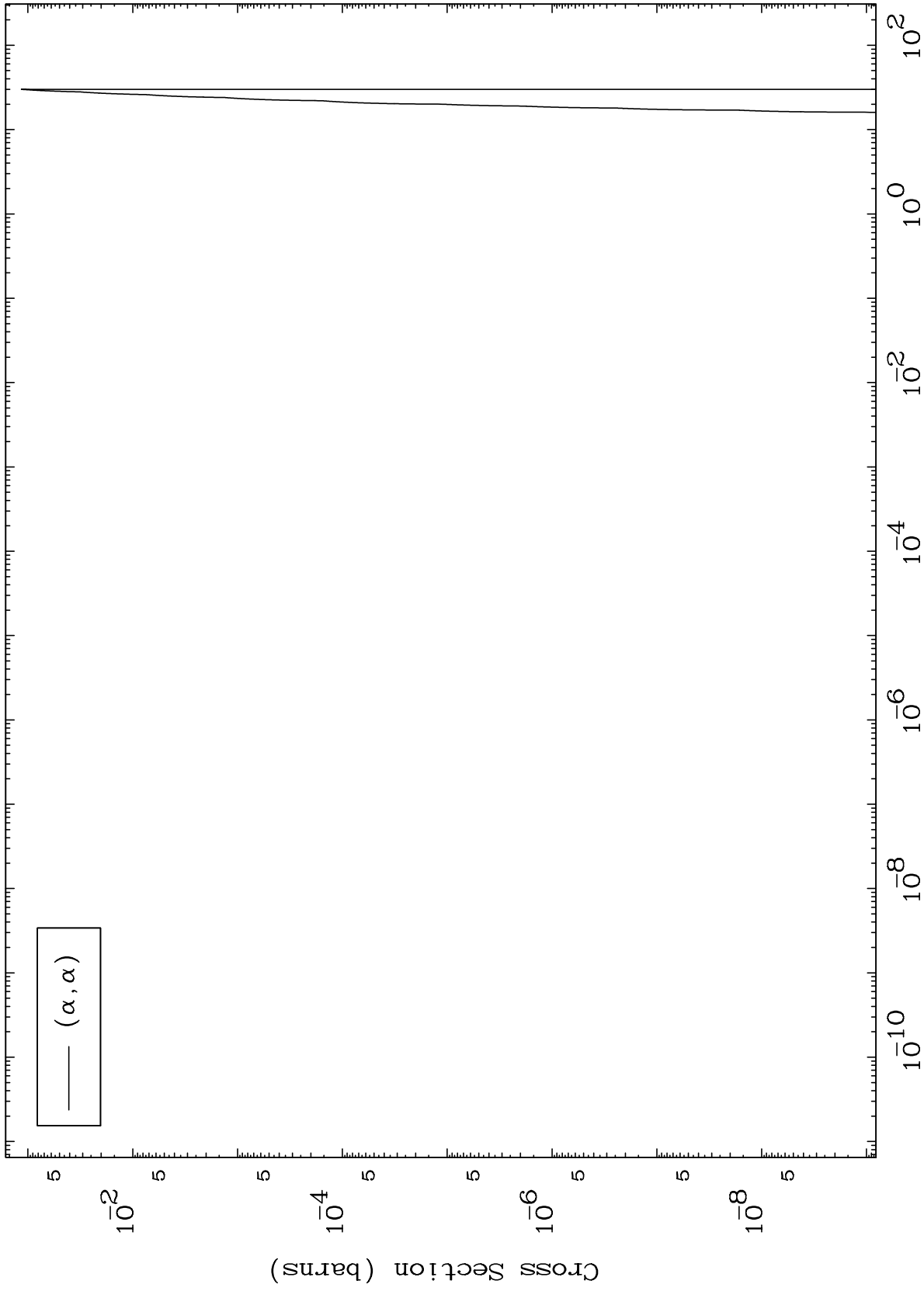




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(α, α) Levels
0 Kelvin Cross Sections

81-Tl-196

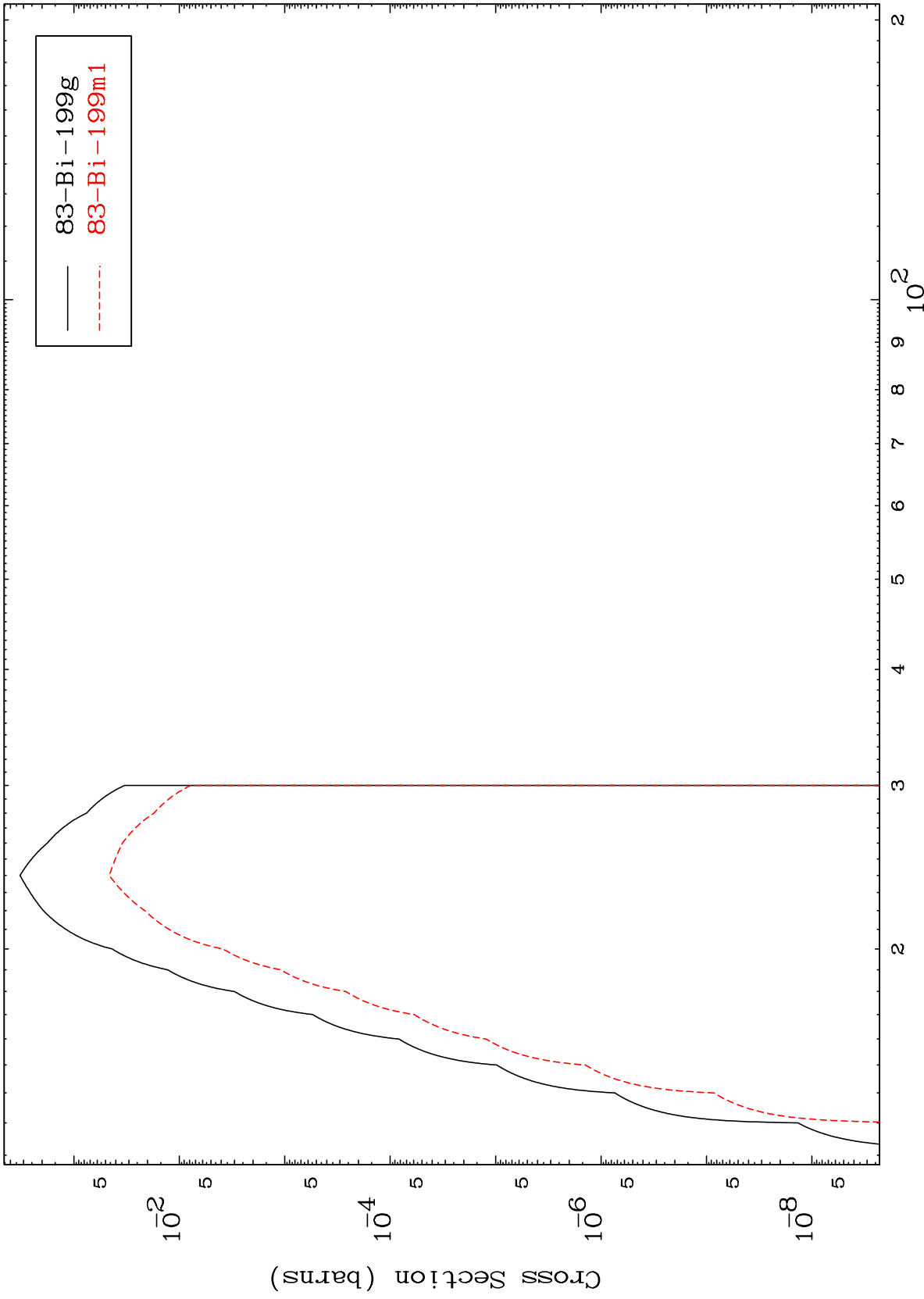


10

Incident Energy (MeV)

81-Tl-196

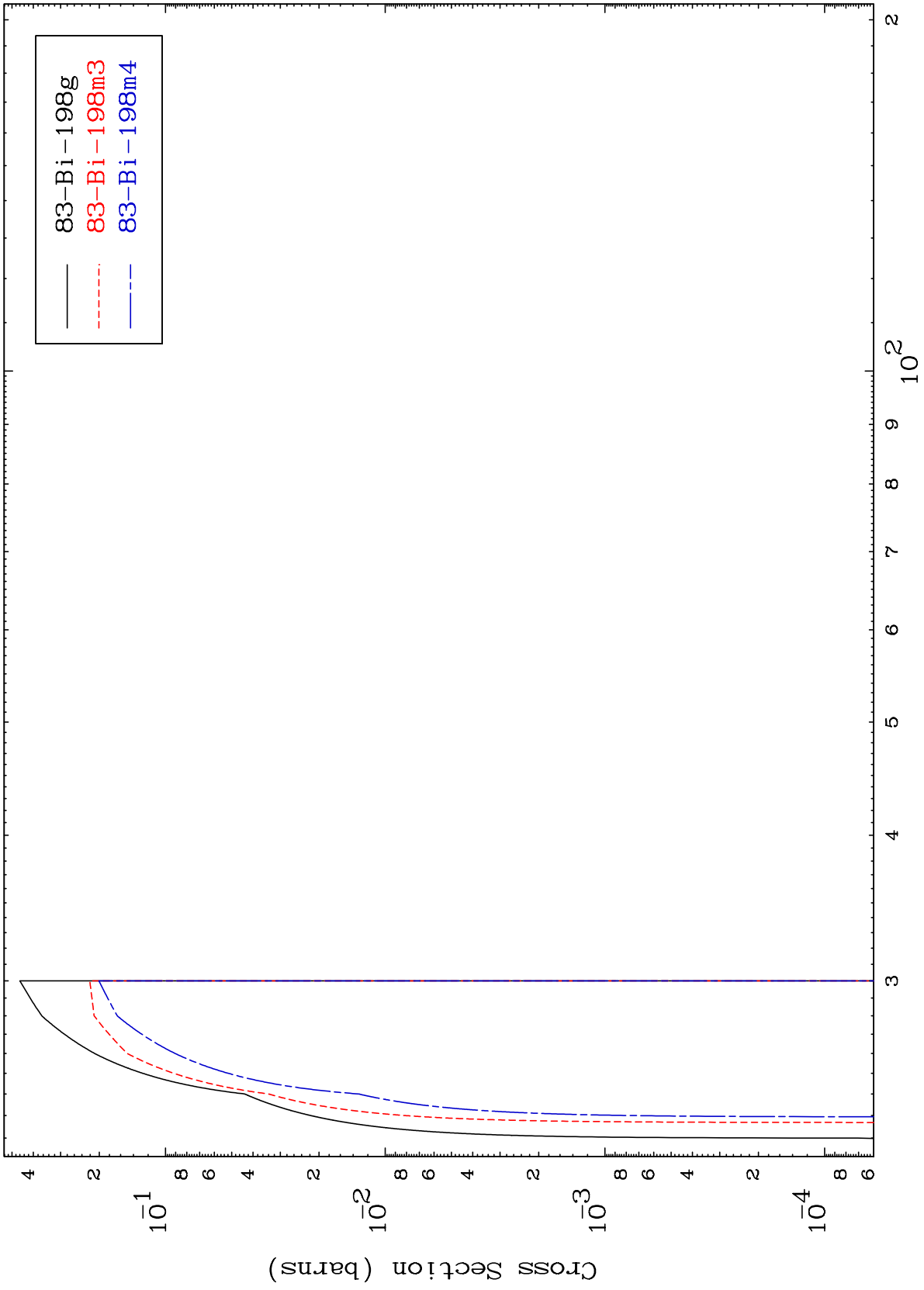
Radionuclide Production Cross Section
 α Inelastic



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81-Tl-196

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



12

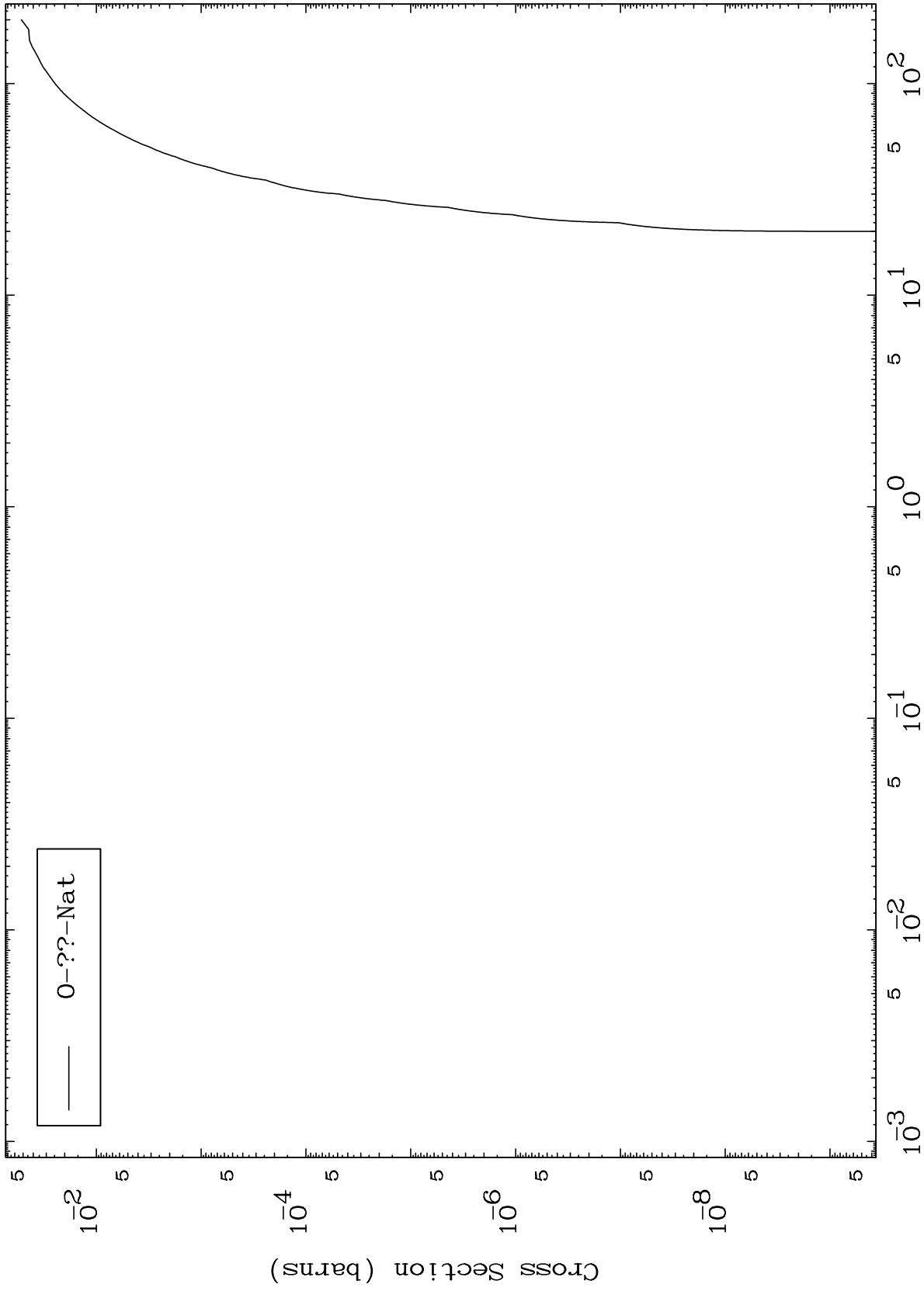
Incident Energy (MeV)

81-Tl-196

MAT 8105

α Fission
Radionuclide Production Cross Section

81-Tl-196



13

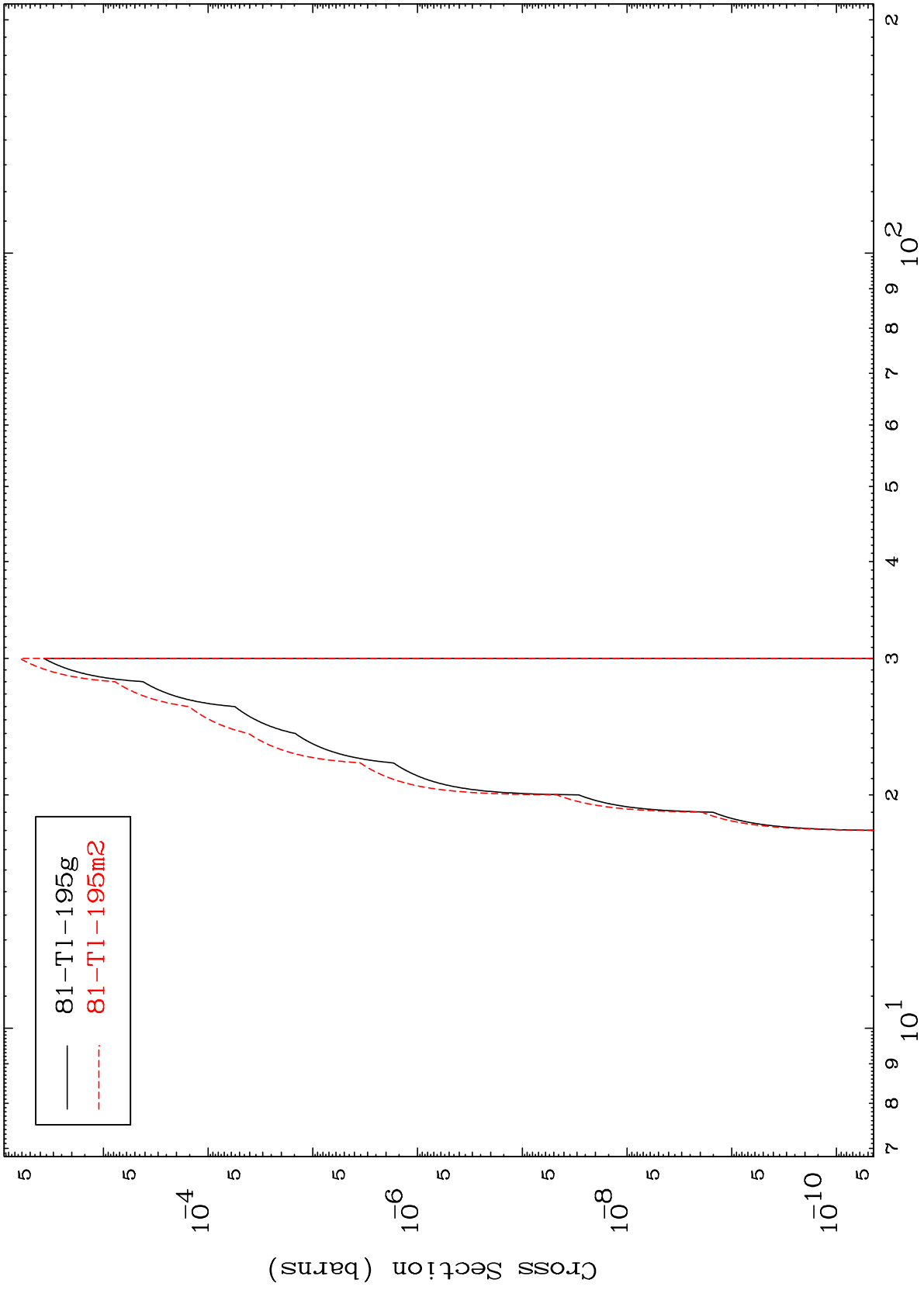
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

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



14

Incident Energy (MeV)

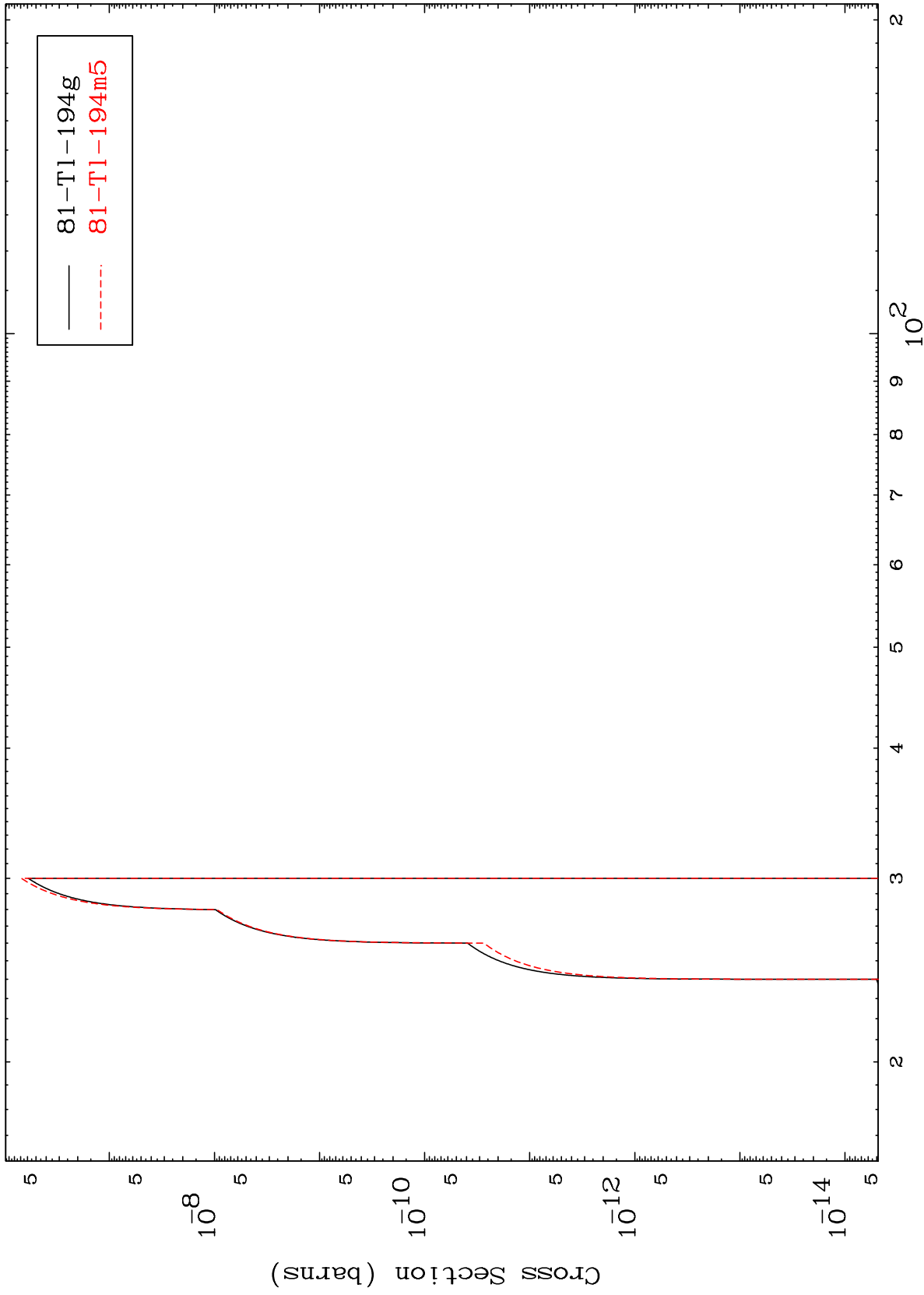
81-Tl-196

MAT 8105

($\alpha, 2n$) α

81-Tl-196

Radionuclide Production Cross Section

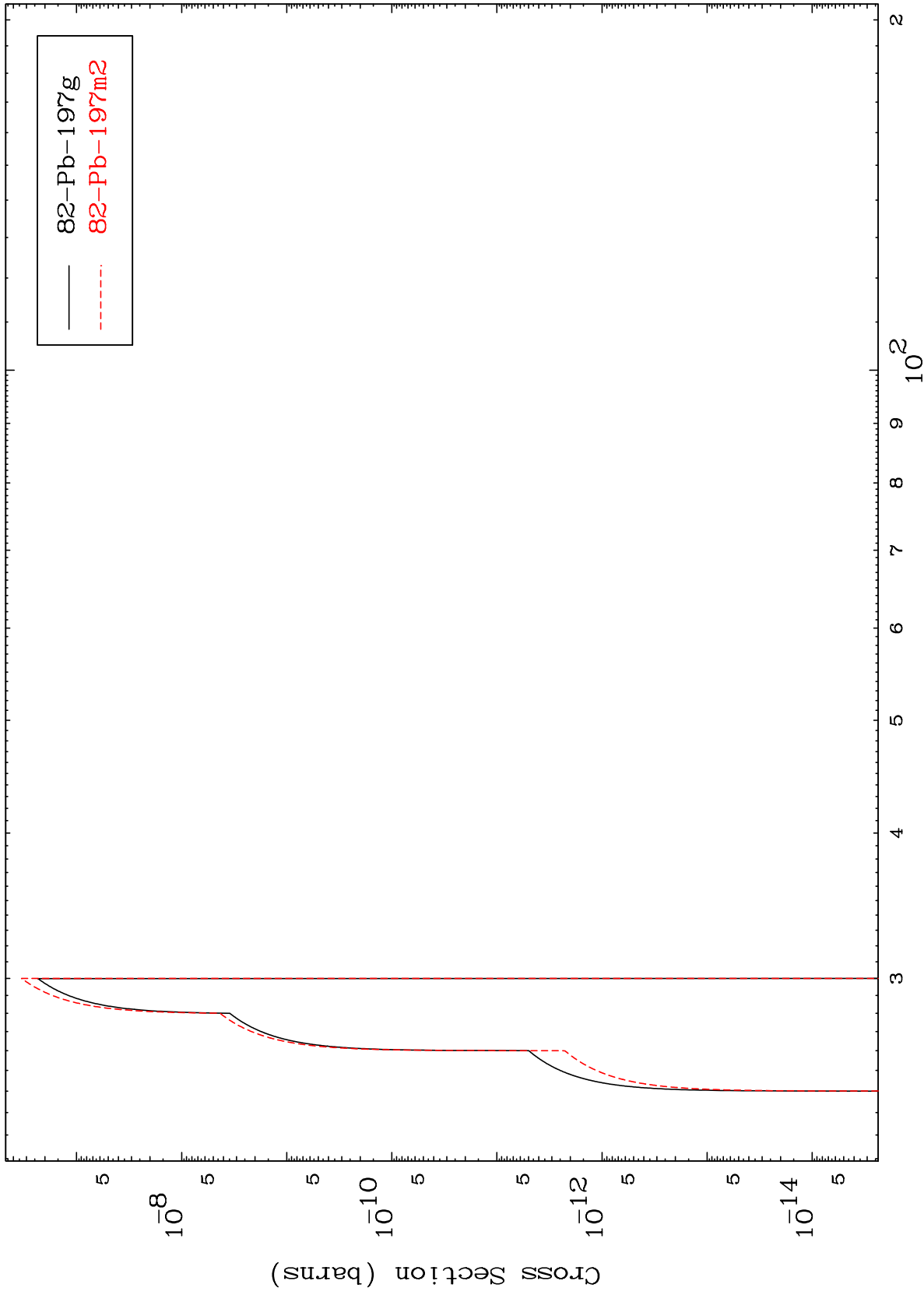


15

Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section

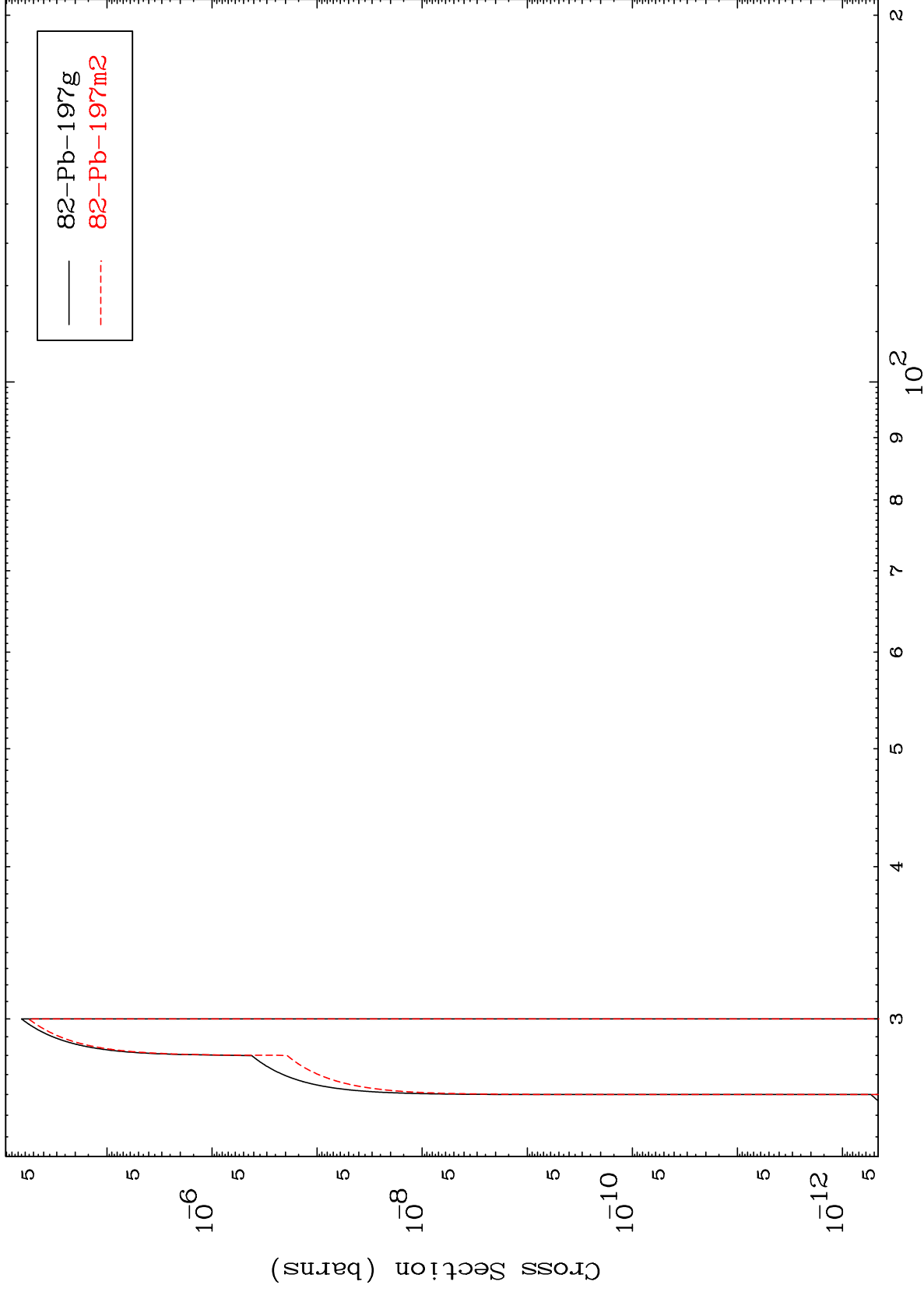


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($\alpha, 2n$) p

81-T1-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

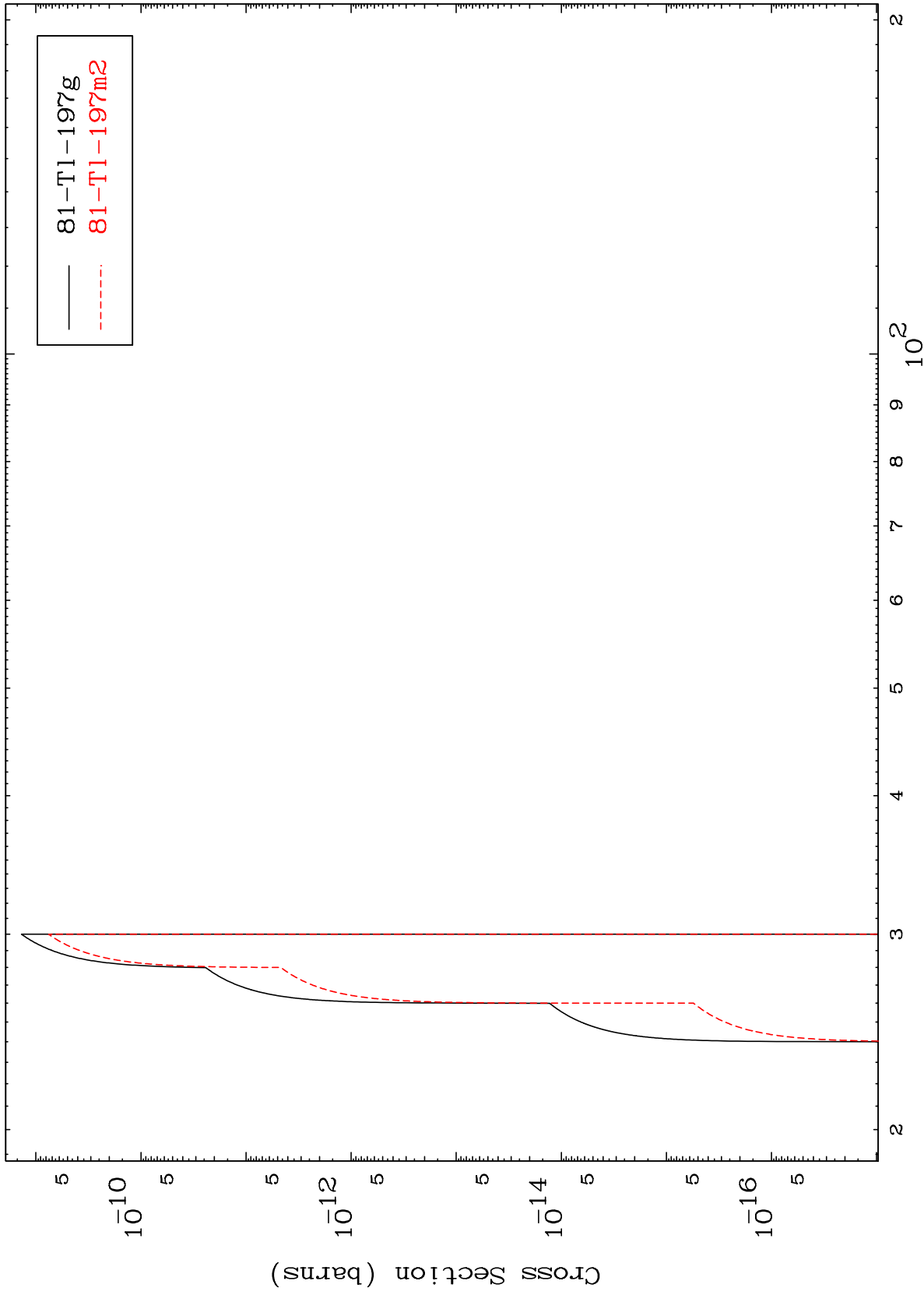
81-T1-196

MAT 8105

($\alpha, 2n$) p

81-Tl-196

Radionuclide Production Cross Section



18

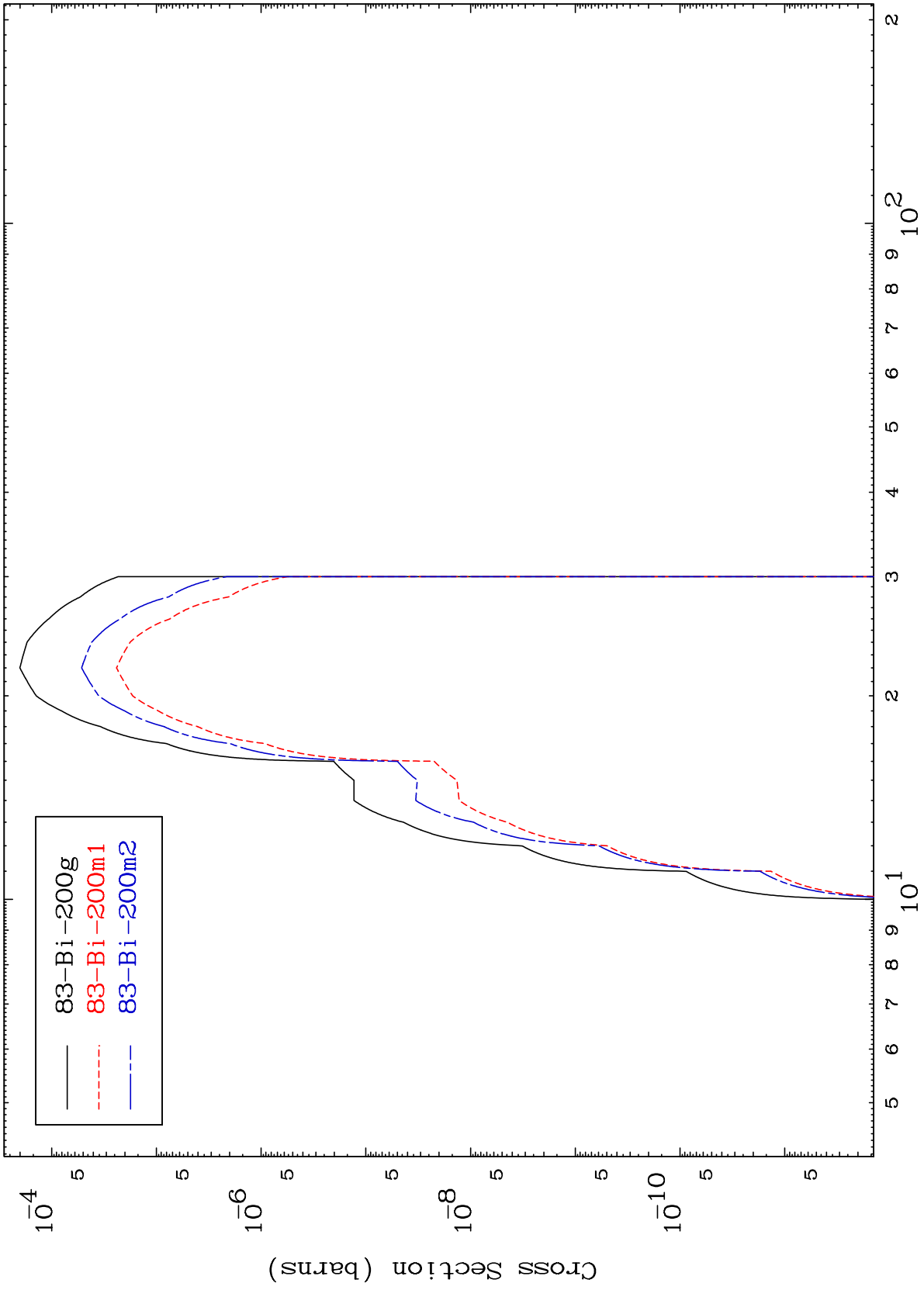
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

Radionuclide Production Cross Section
(α, γ)



19

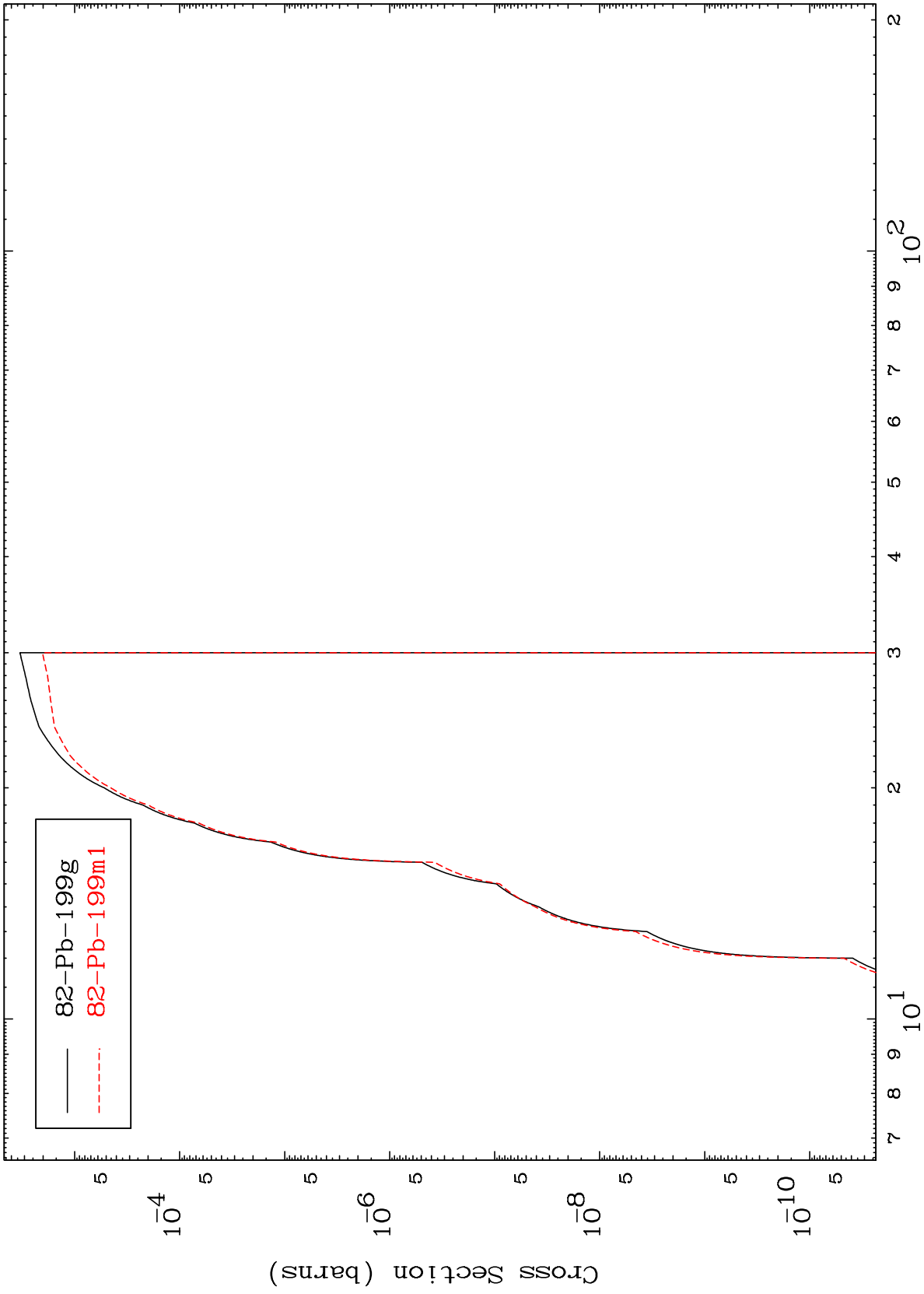
Incident Energy (MeV)

81-Tl-196

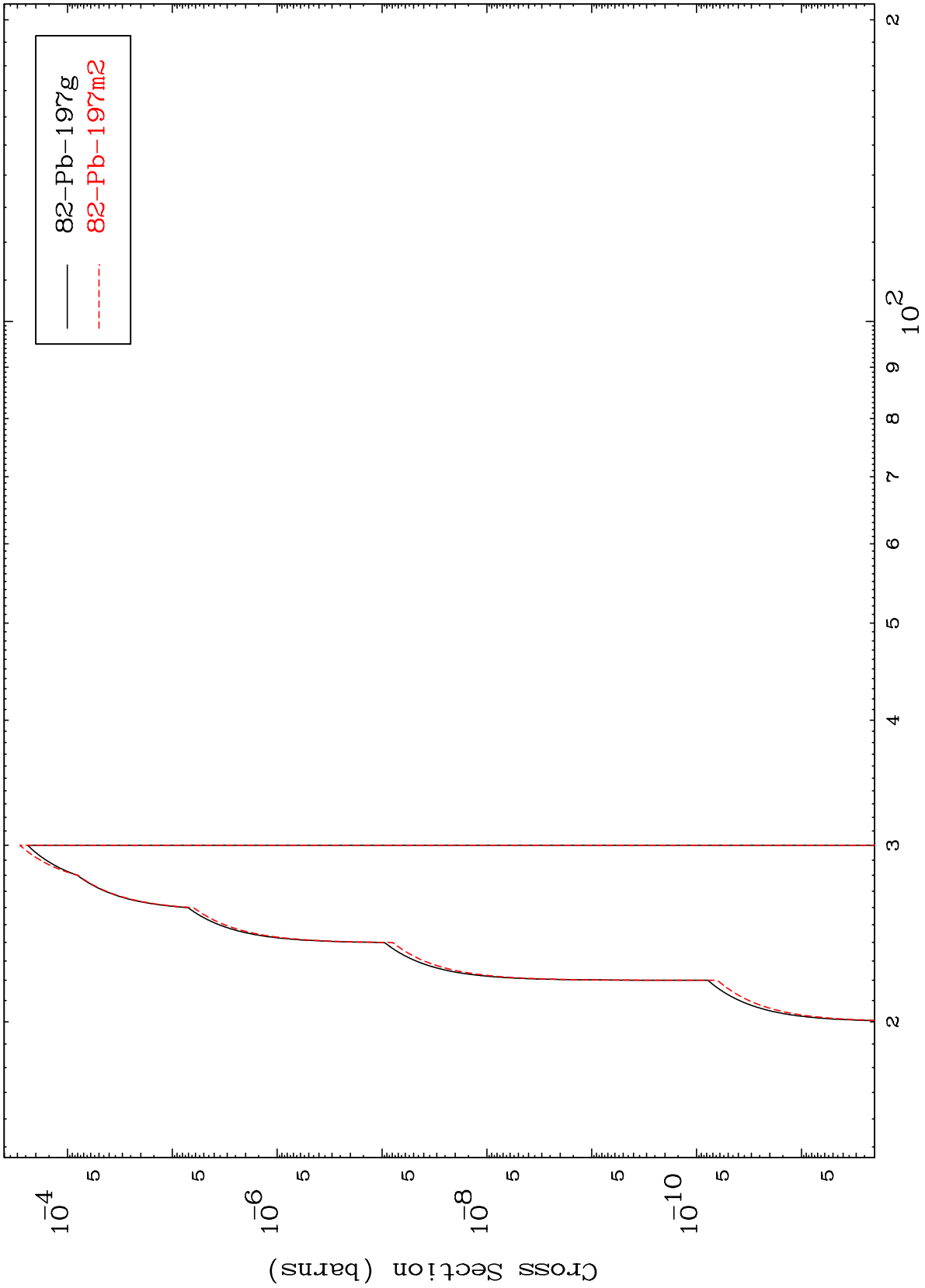
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81-Tl-196

(α, p)
Radionuclide Production Cross Section



(α, t)
Radionuclide Production Cross Section

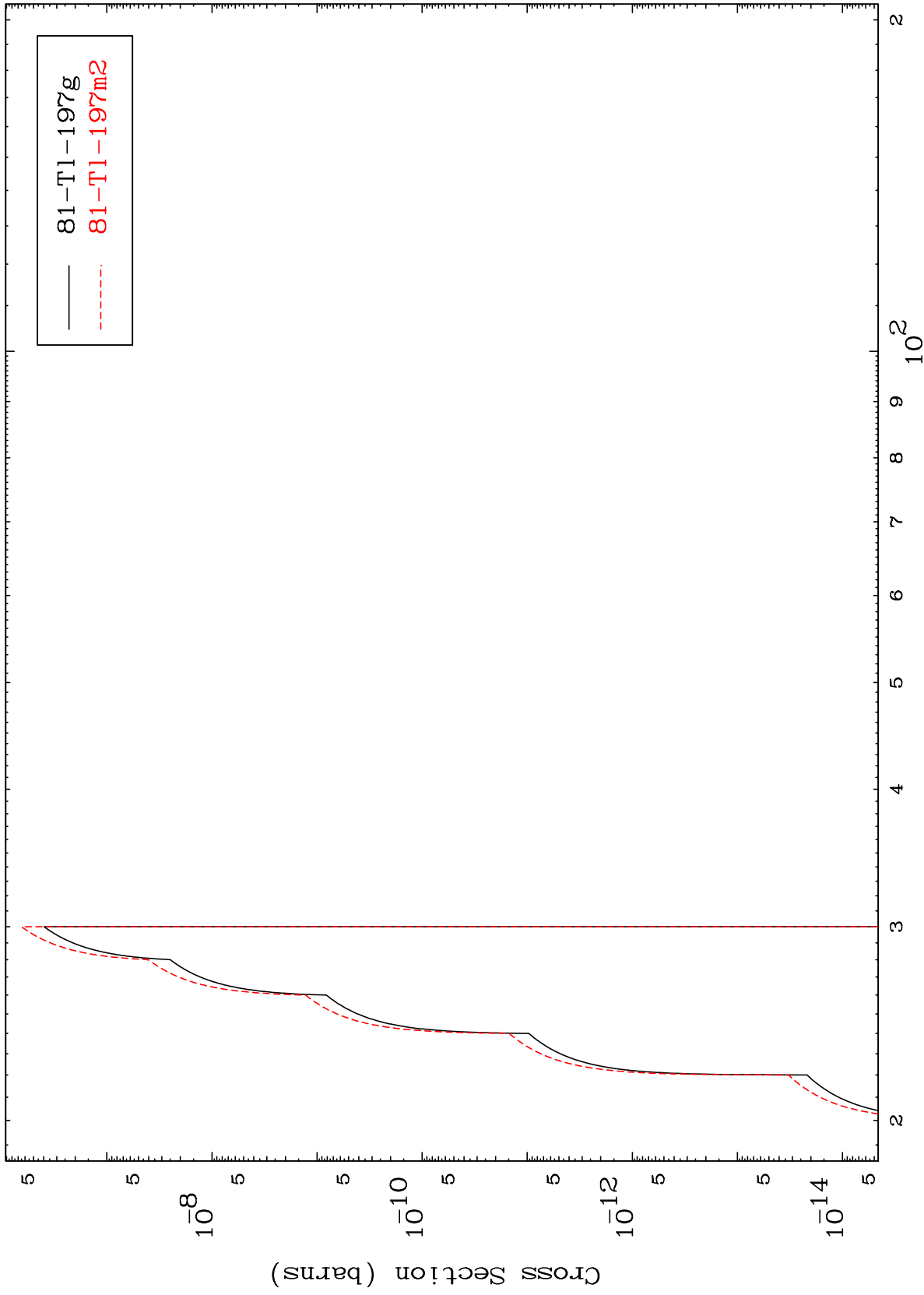


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($\alpha, \text{He-3}$)

81-Tl-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

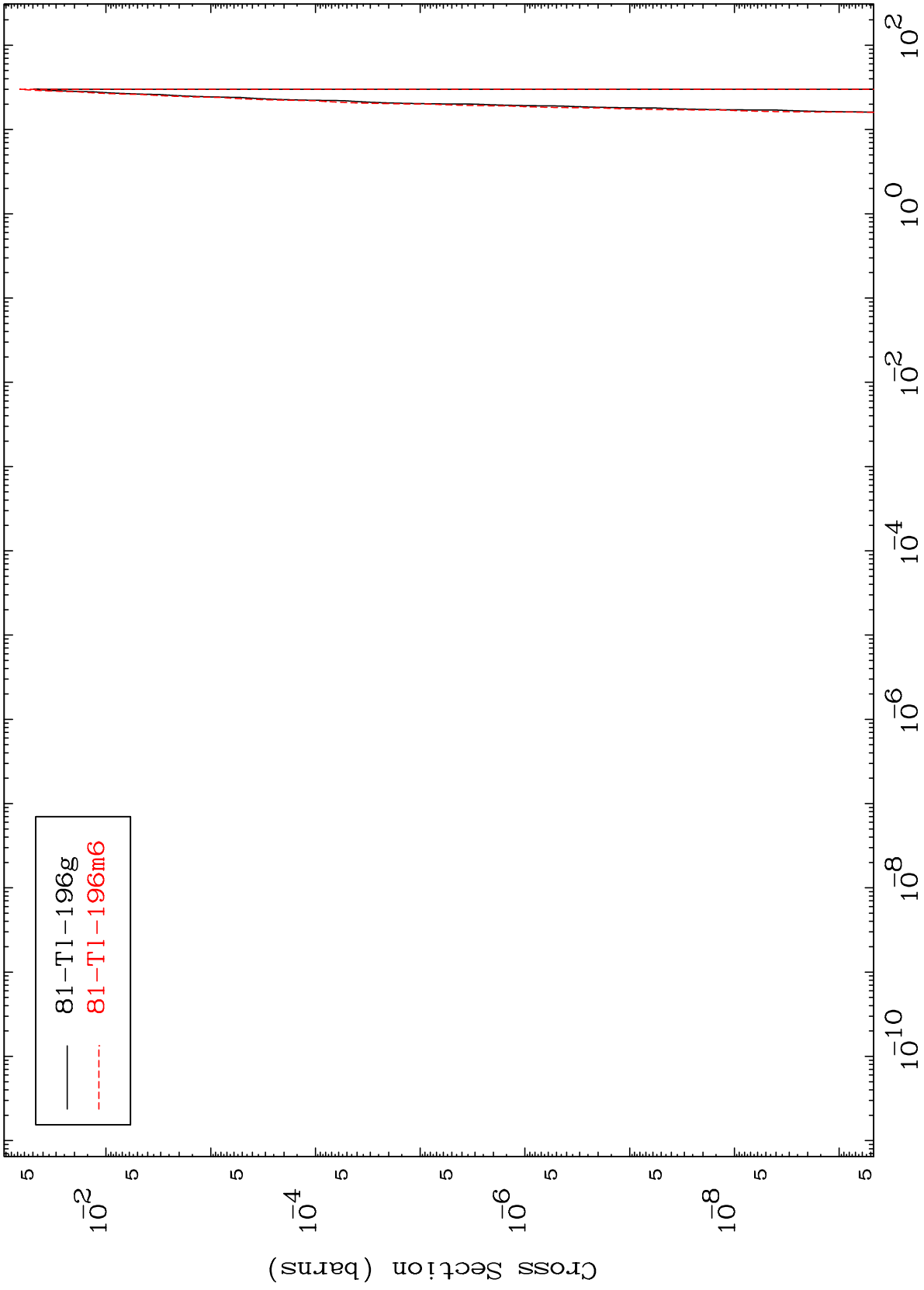
81-Tl-196

MAT 8105

(α, α)

81-Tl-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

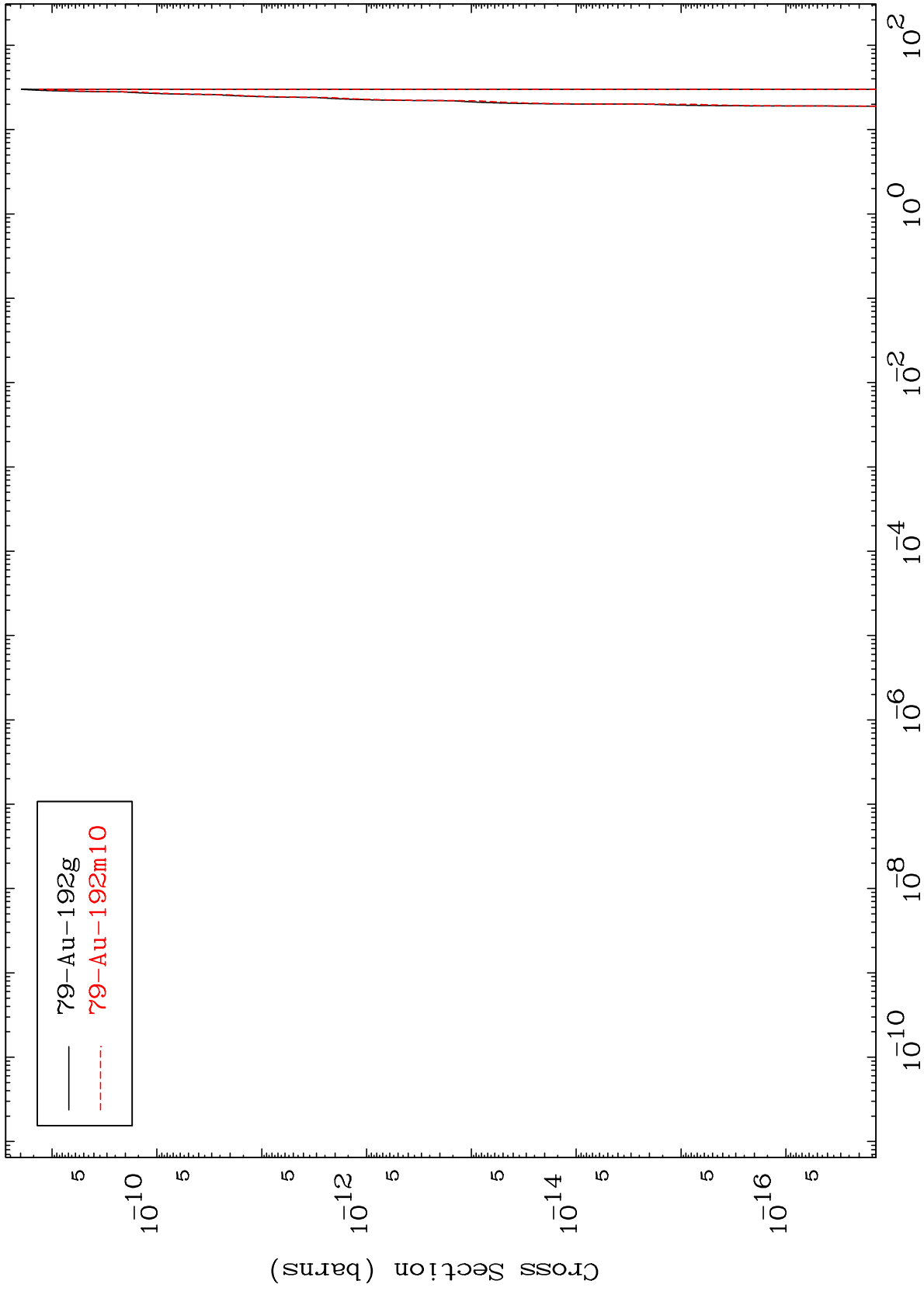
81-Tl-196

MAT 8105

($\alpha, 2\alpha$)

81-Tl-196

Radionuclide Production Cross Section



24

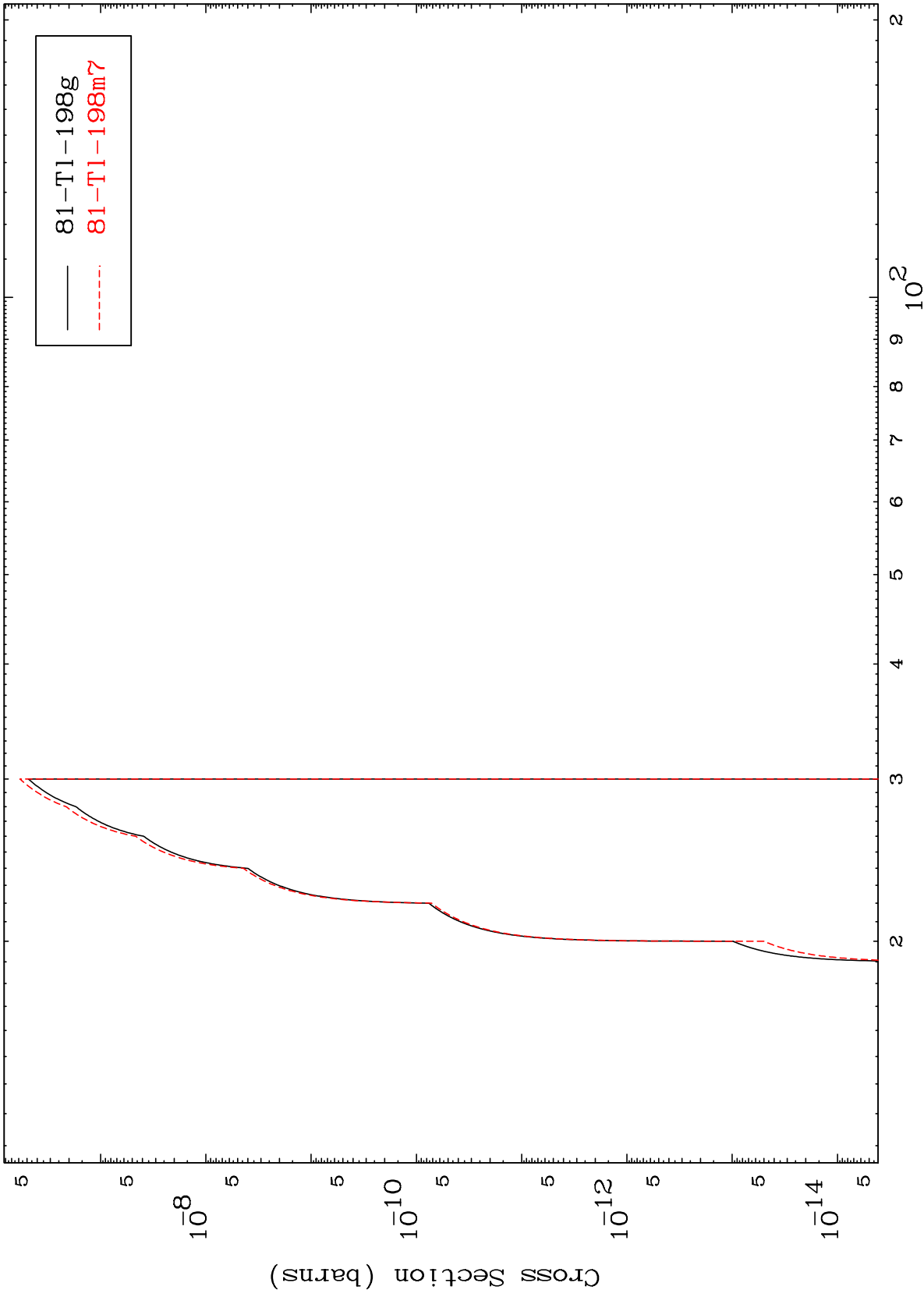
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

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



25

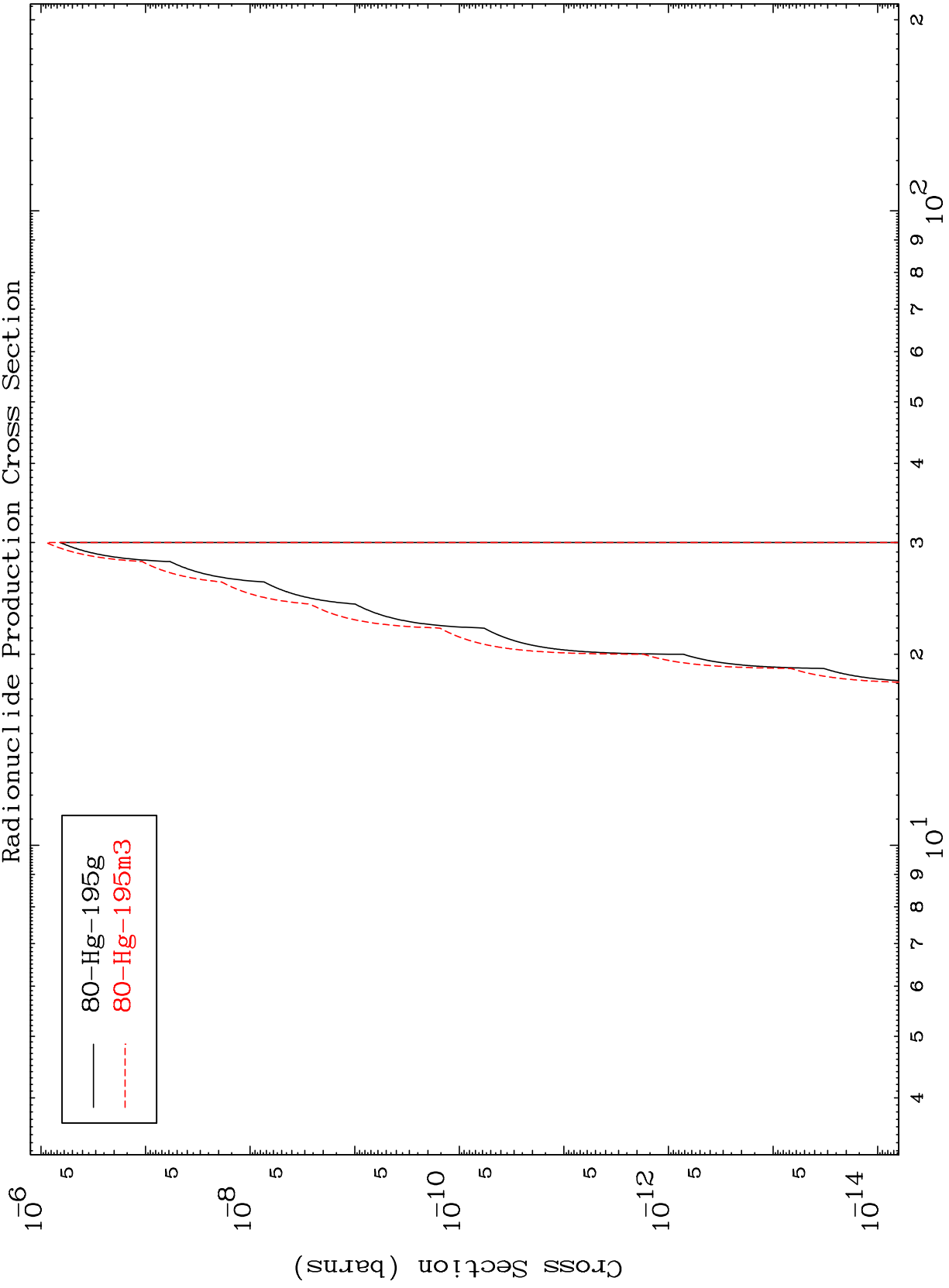
81-Tl-196

MAT 8105

(α, p) α

81-Tl-196

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3