

Program EVALPLOT
(Version 2021-1)

by

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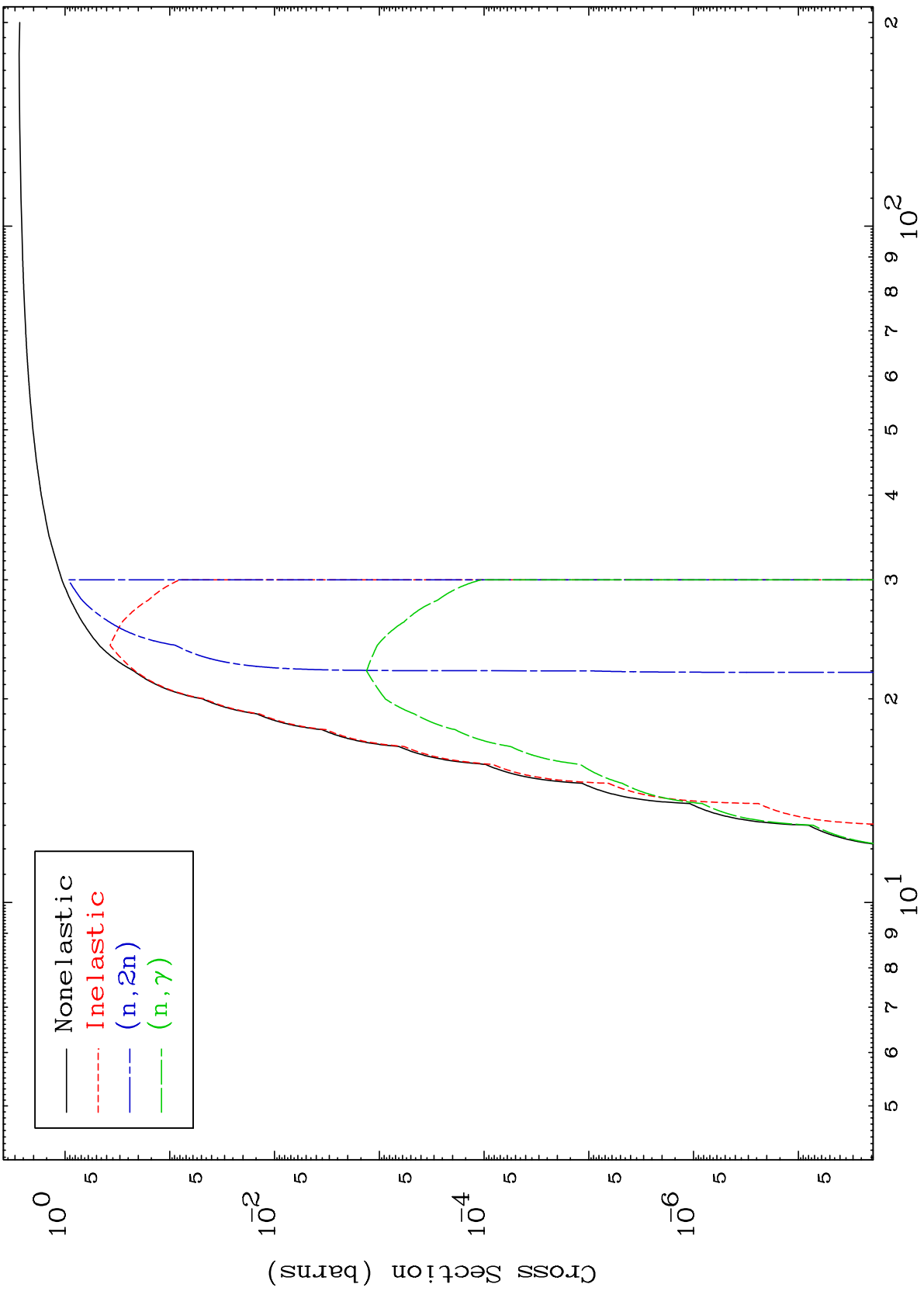
Press Mouse Button to Start

MAT 8105

α Major

81-TI-196m

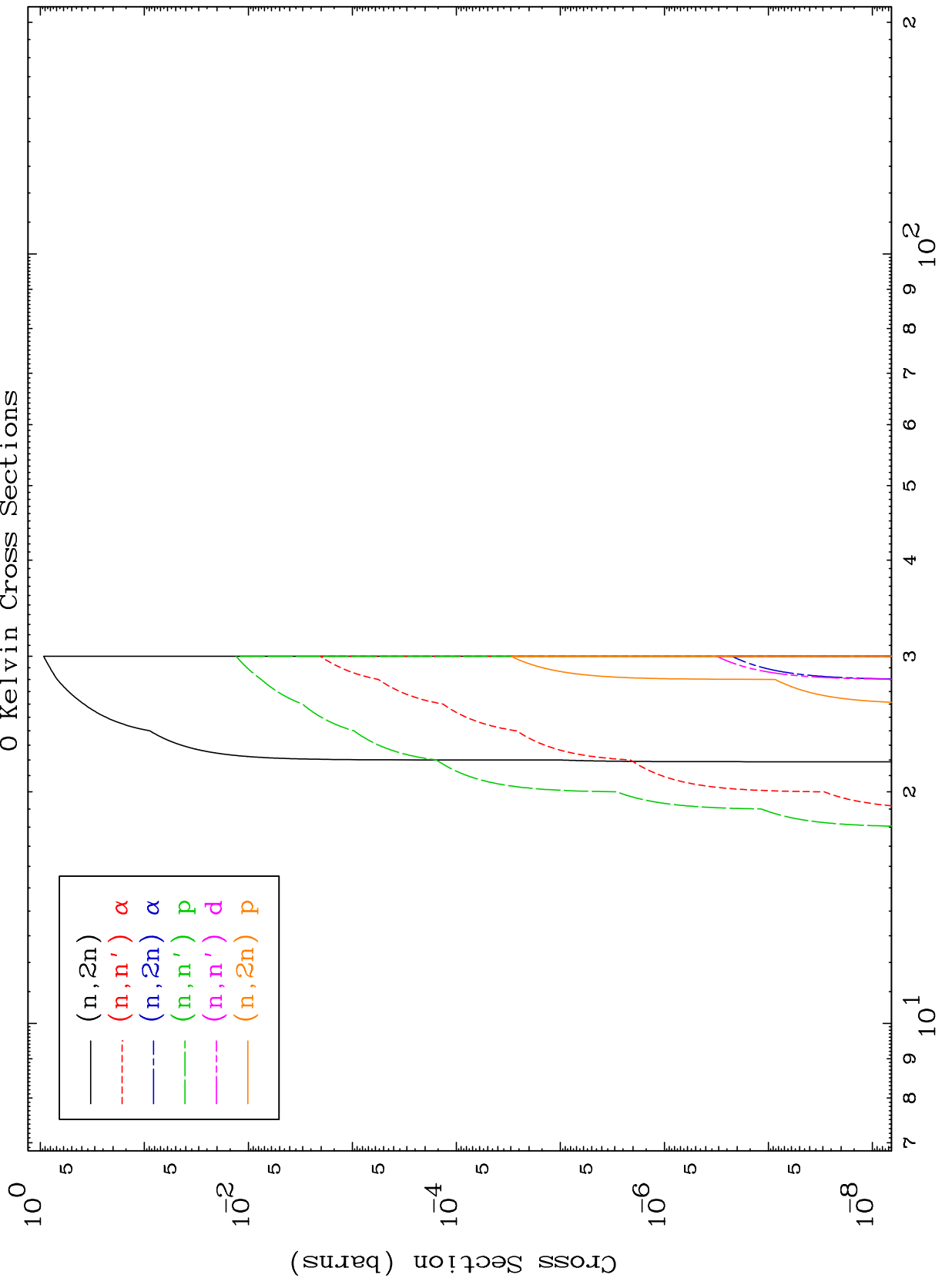
0 Kelvin Cross Sections



MAT 8105

α Neutron Absorption
0 Kelvin Cross Sections

81-TI-196m



2

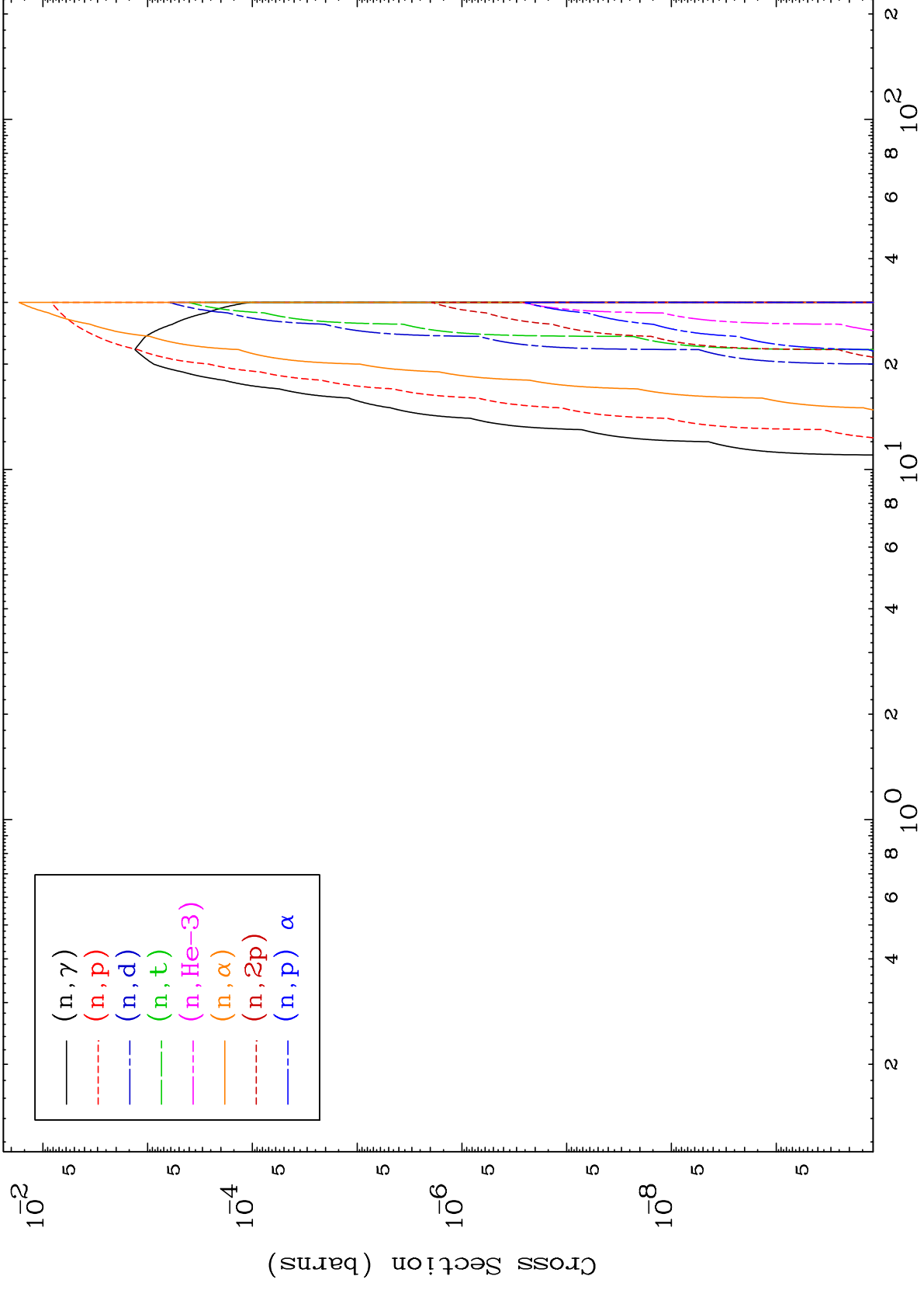
Incident Energy (MeV)

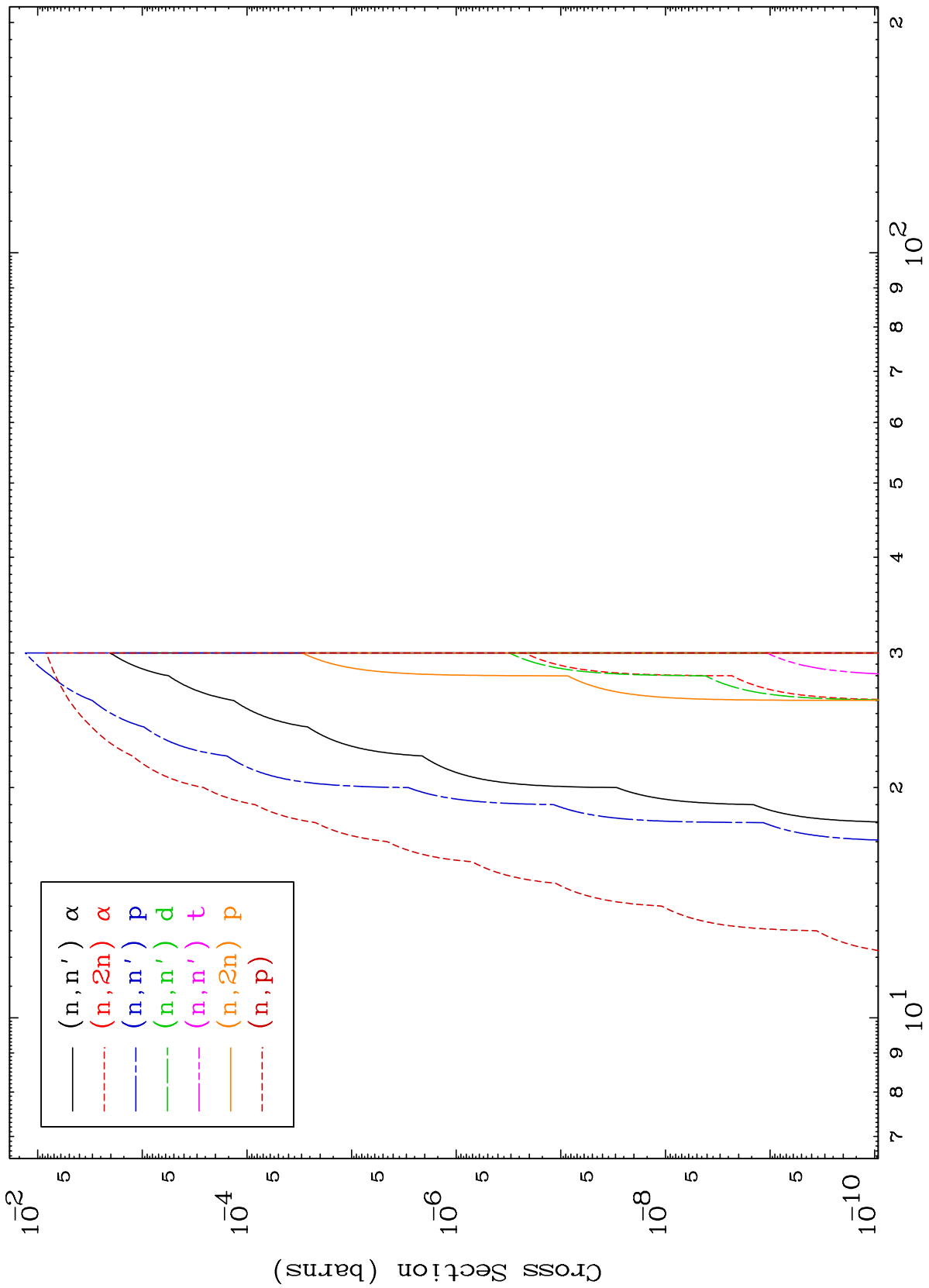
81-TI-196m

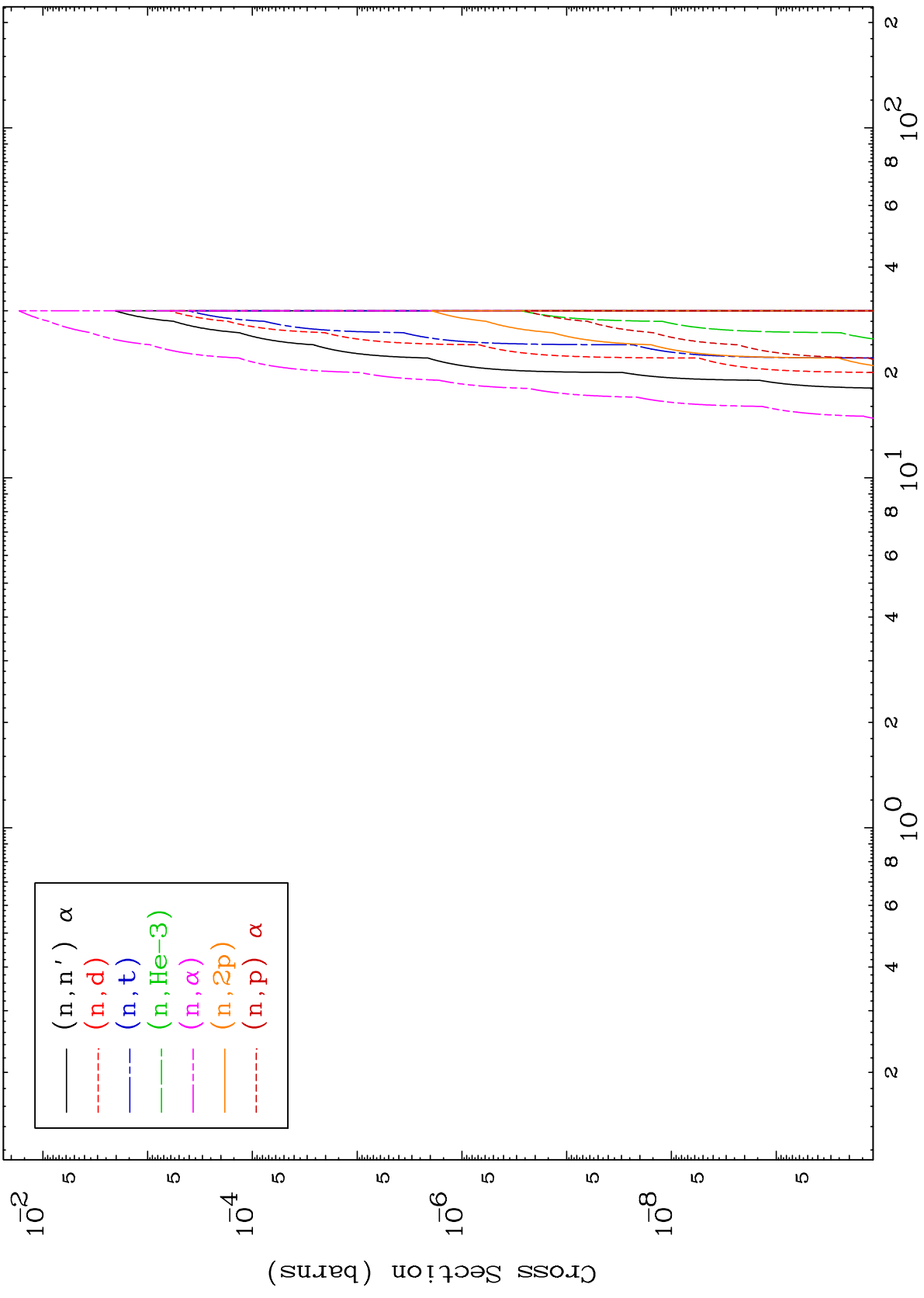
MAT 8105

α Neutron Absorption
0 Kelvin Cross Sections

81-Tl-196m



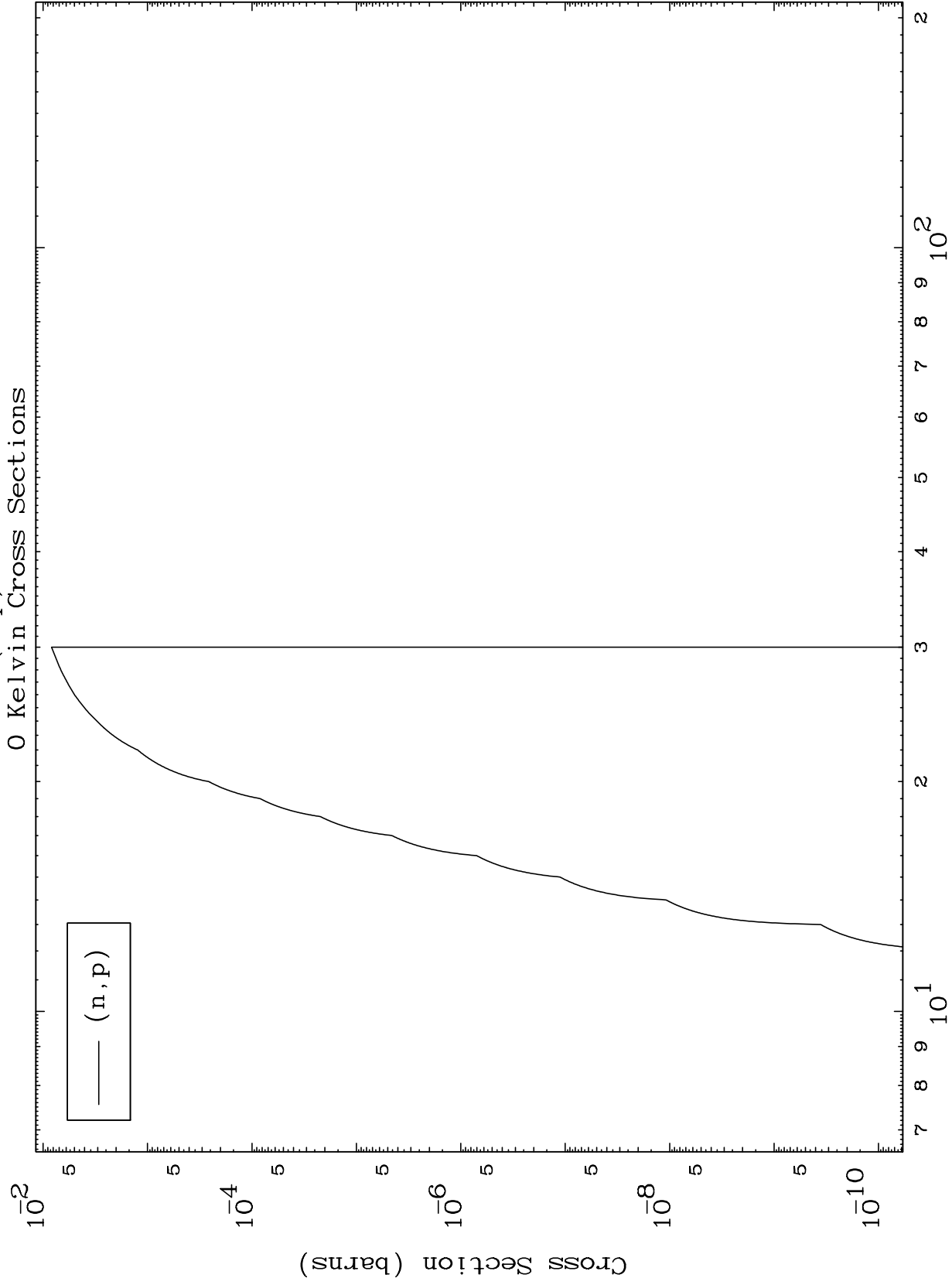




MAT 8105

(α, p) Levels

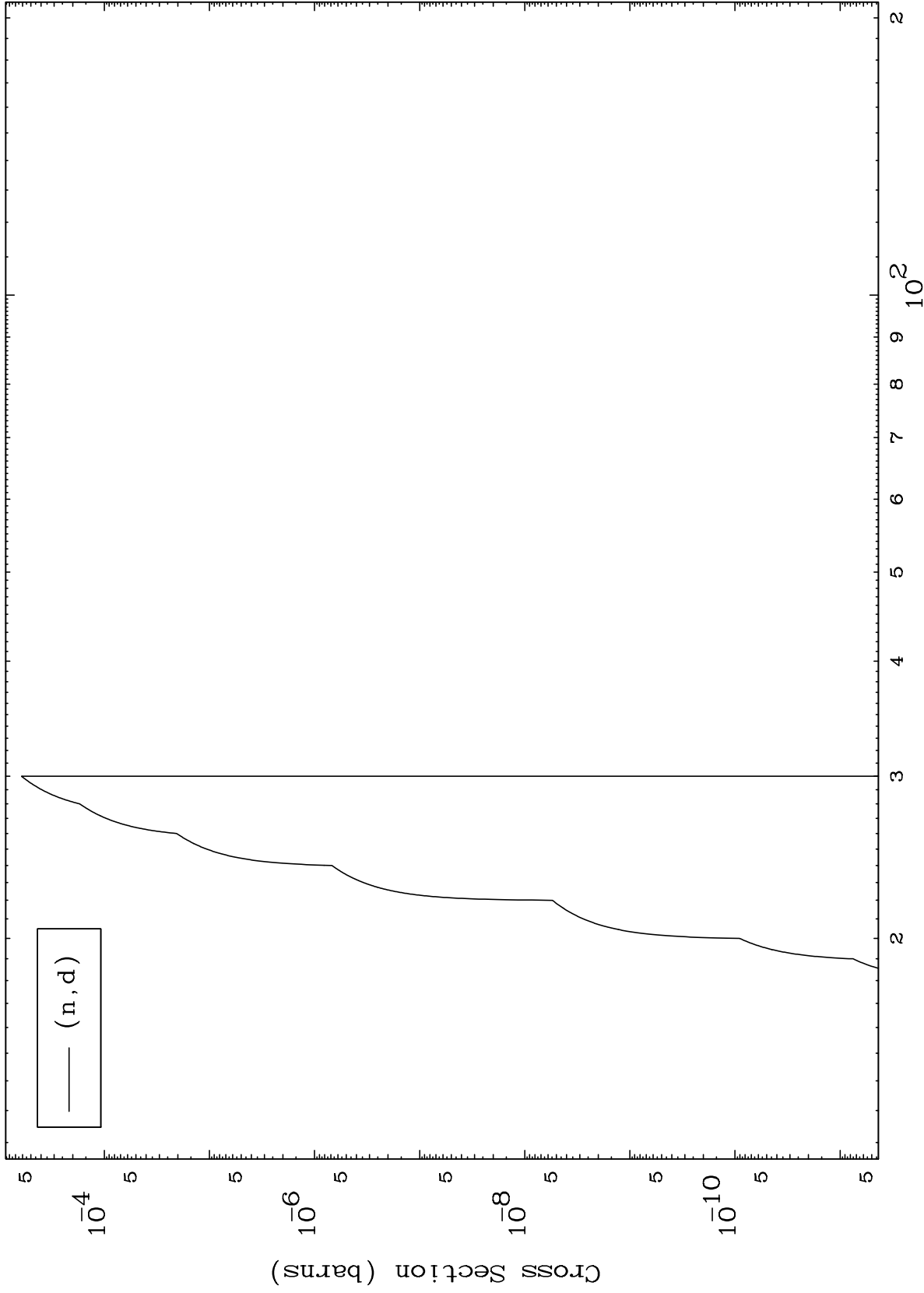
81-Tl-196m



MAT 8105

(α, d) Levels
0 Kelvin Cross Sections

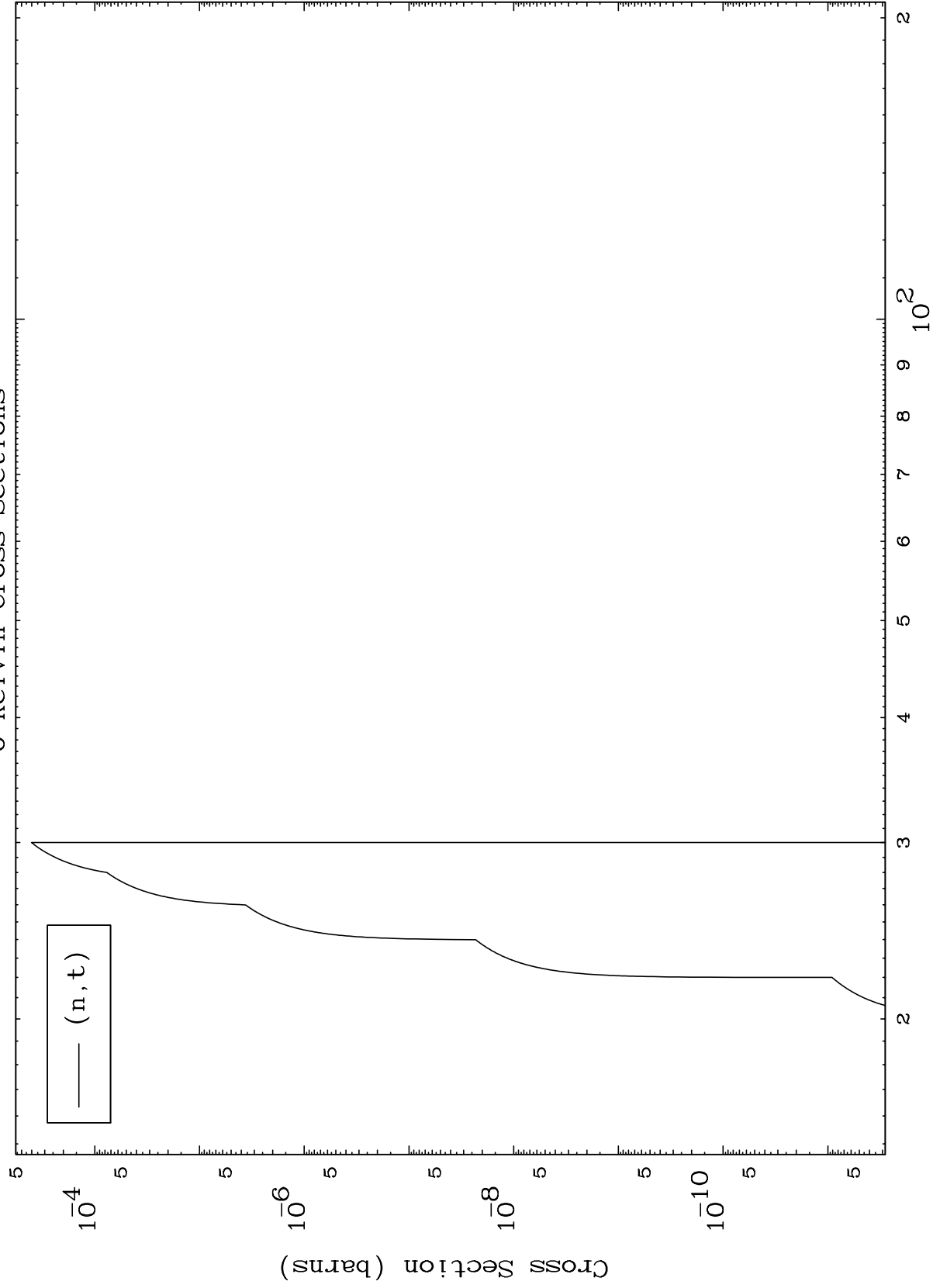
81-Tl-196m



MAT 8105

(α, t) Levels
0 Kelvin Cross Sections

81-TI-196m

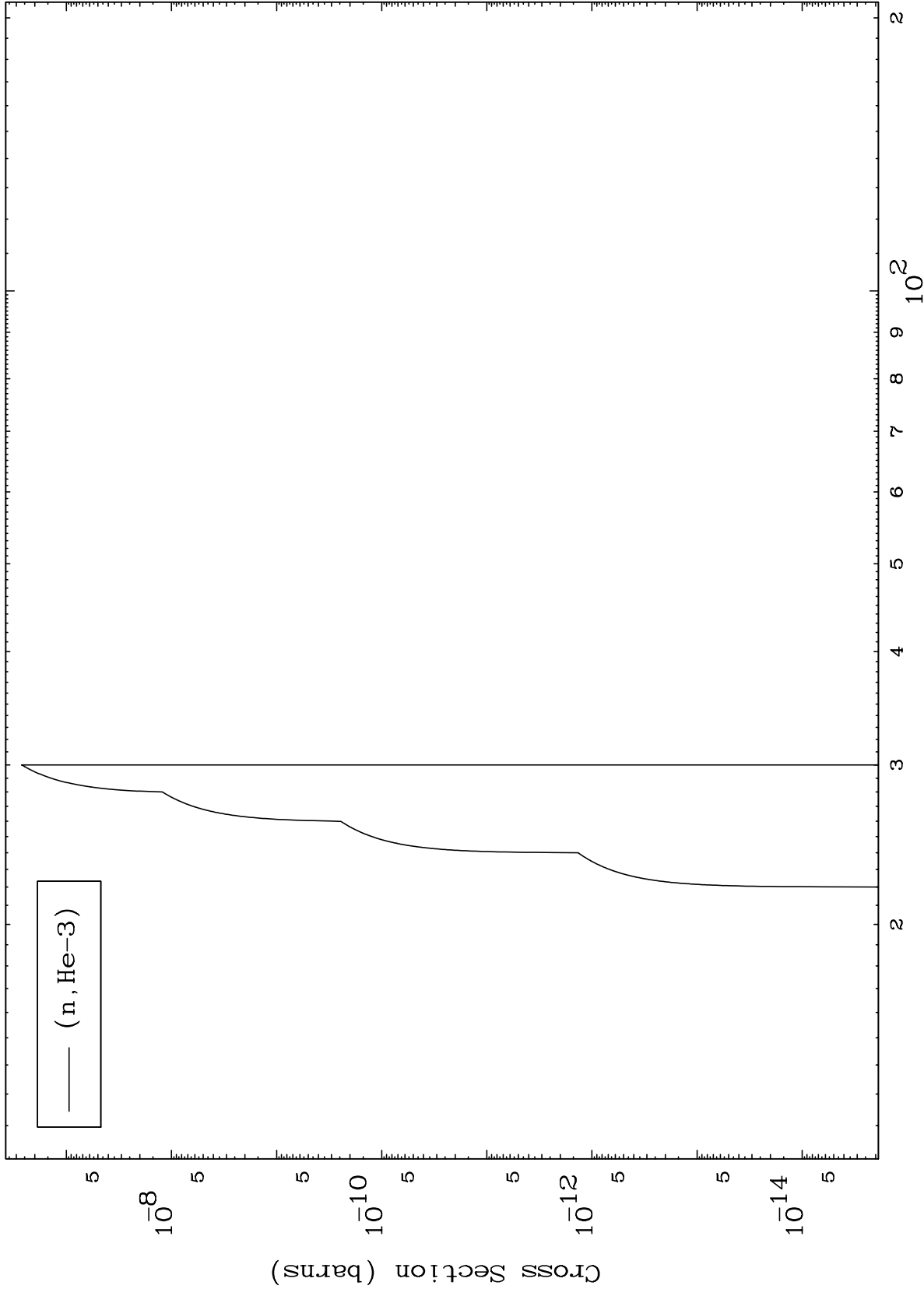


8

Incident Energy (MeV)

81-TI-196m

0 Kelvin Cross Sections

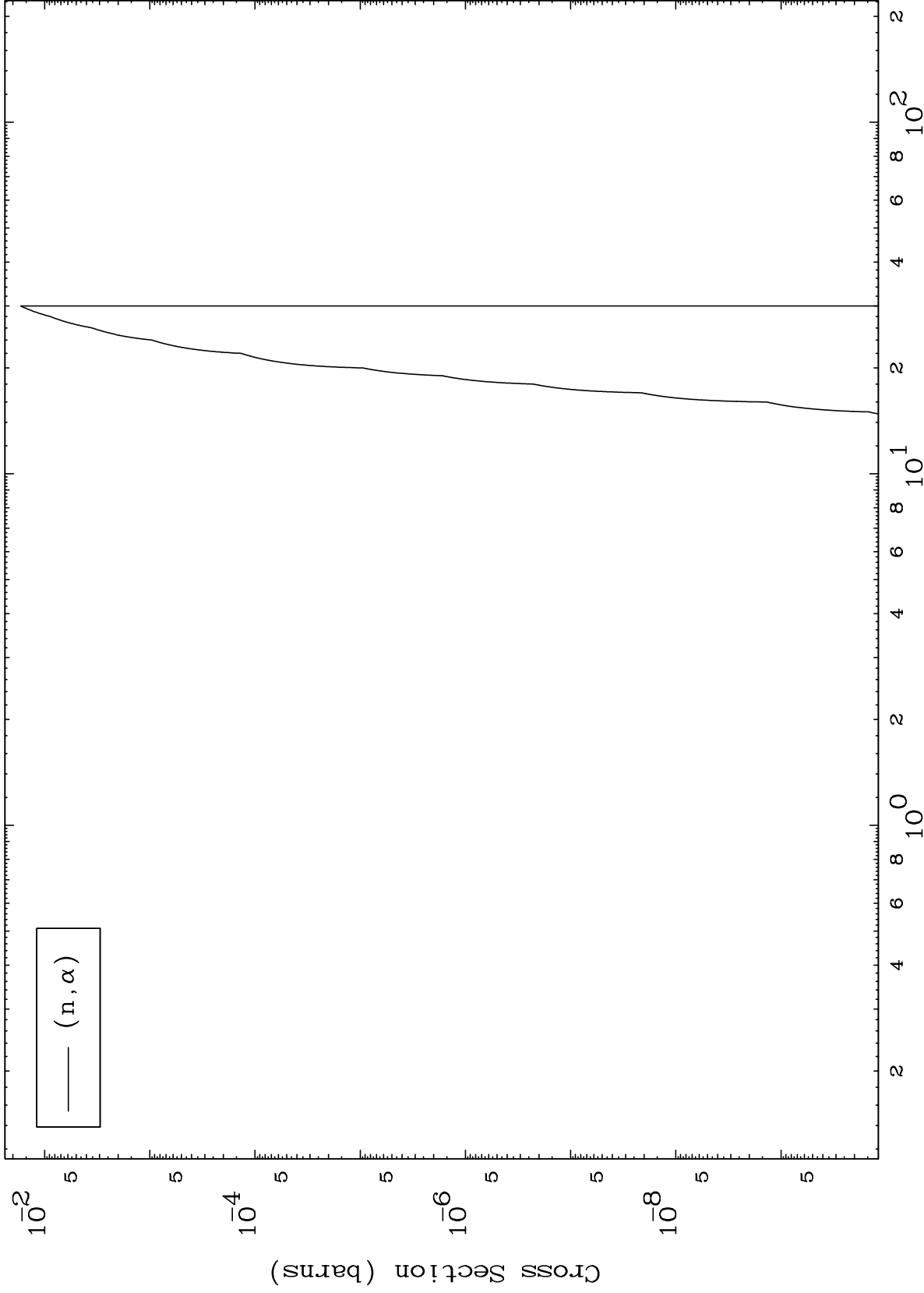


MAT 8105

(α, α) Levels

81-Tl-196m

0 Kelvin Cross Sections

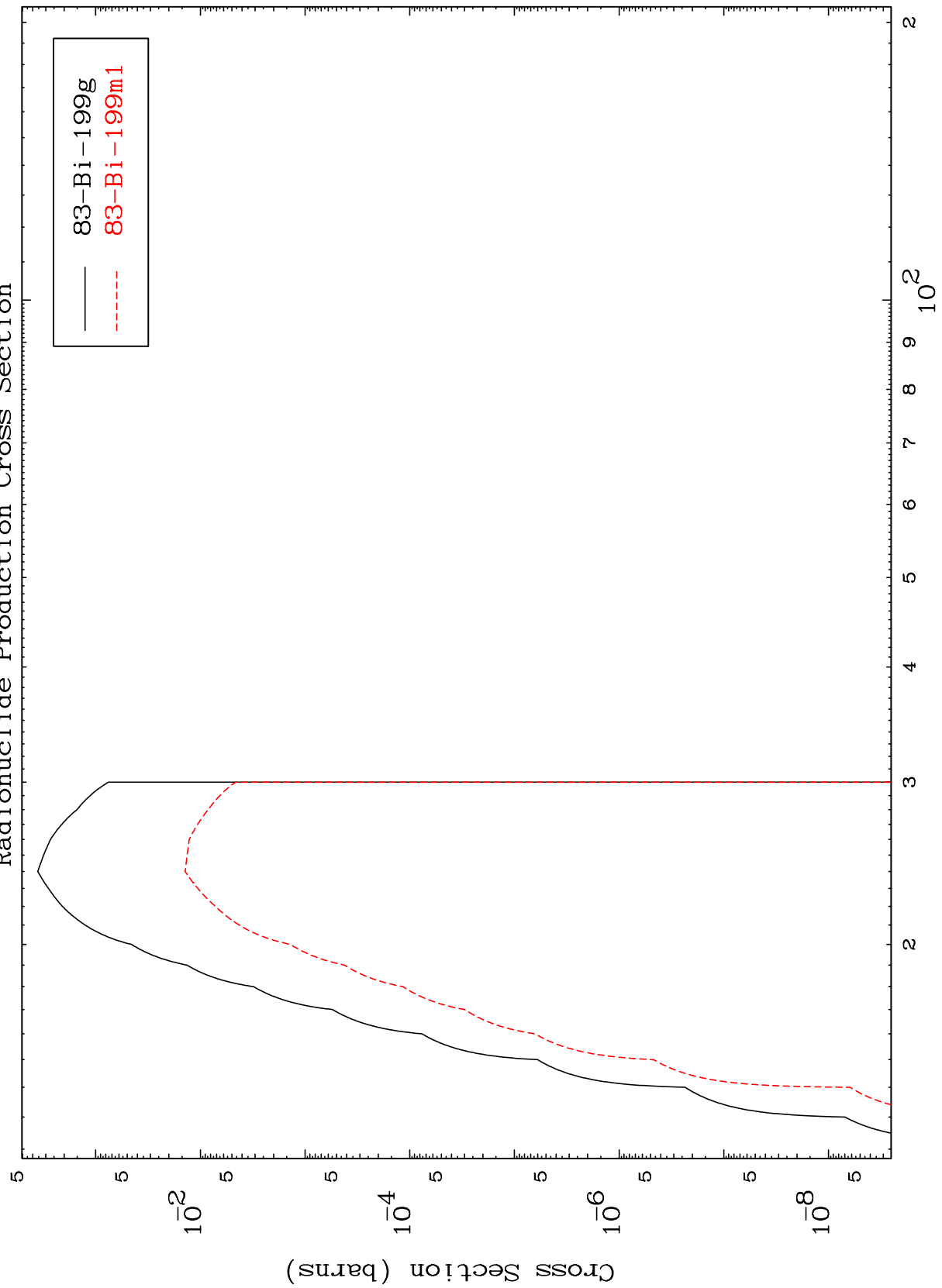


10

Incident Energy (MeV)

81-Tl-196m

Inelastic
Radionuclide Production Cross Section

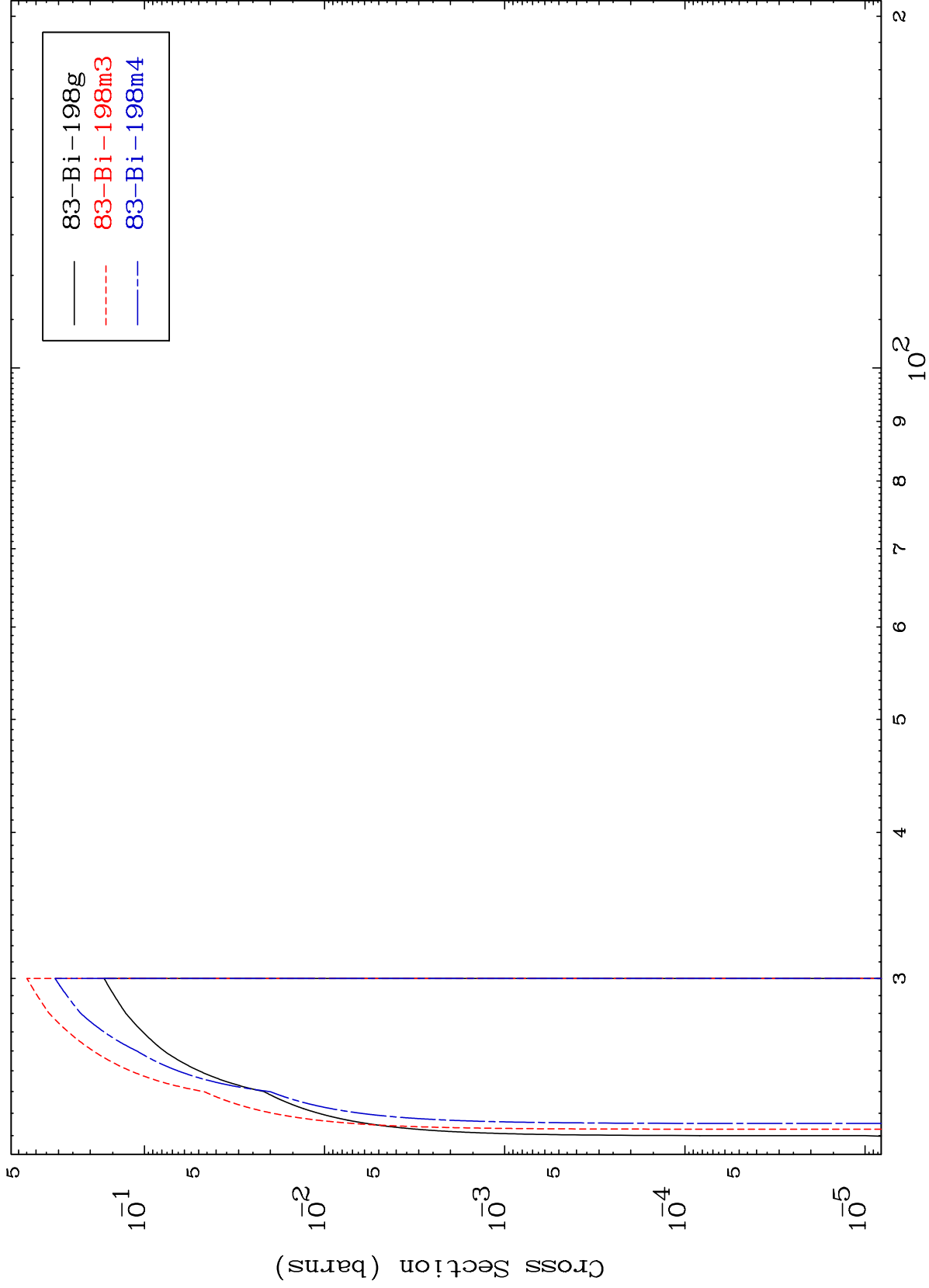


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(n,2n)

81-Tl-196m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

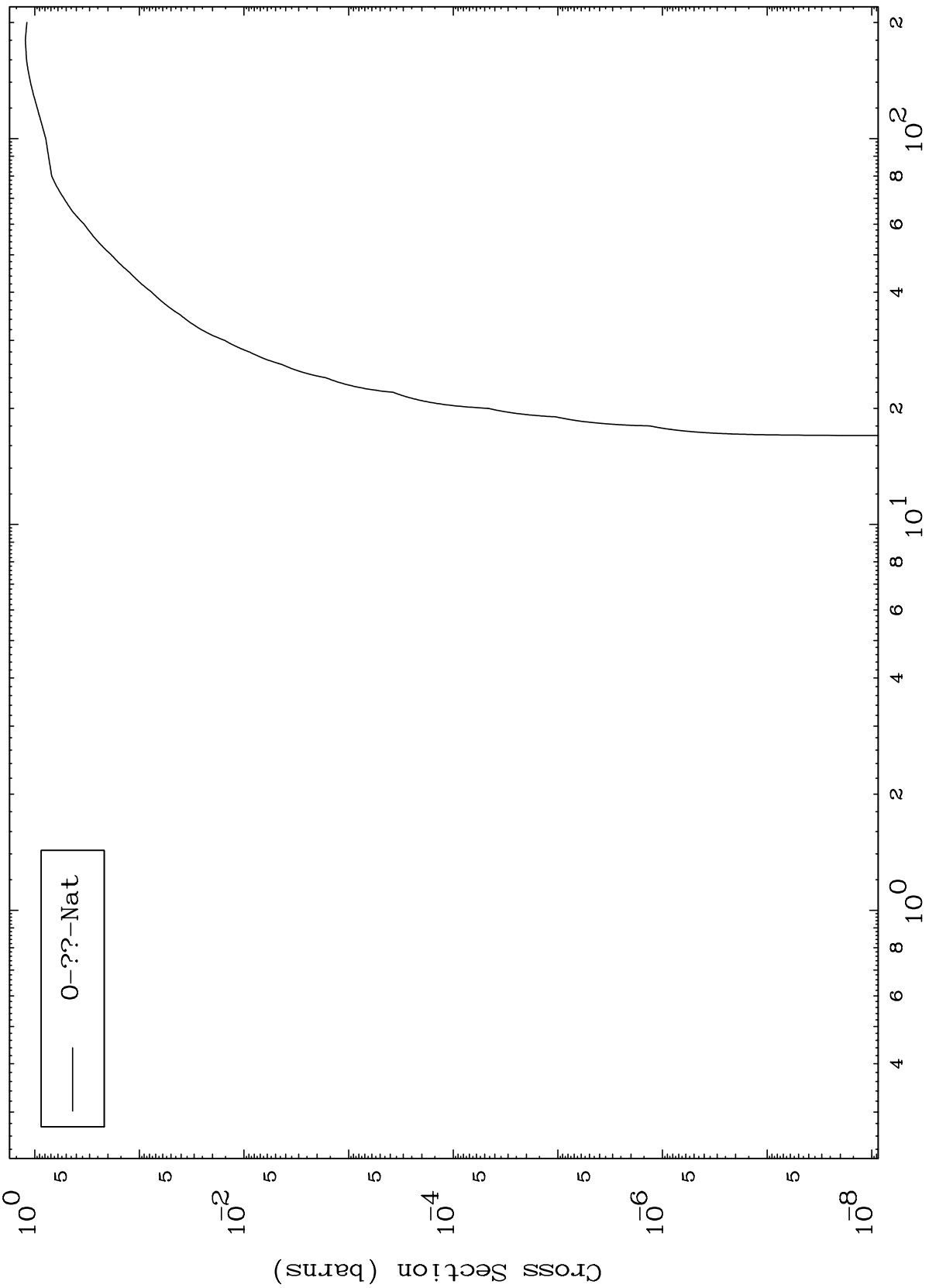
81-Tl-196m

MAT 8105

Fission

81-Tl-196m

Radionuclide Production Cross Section

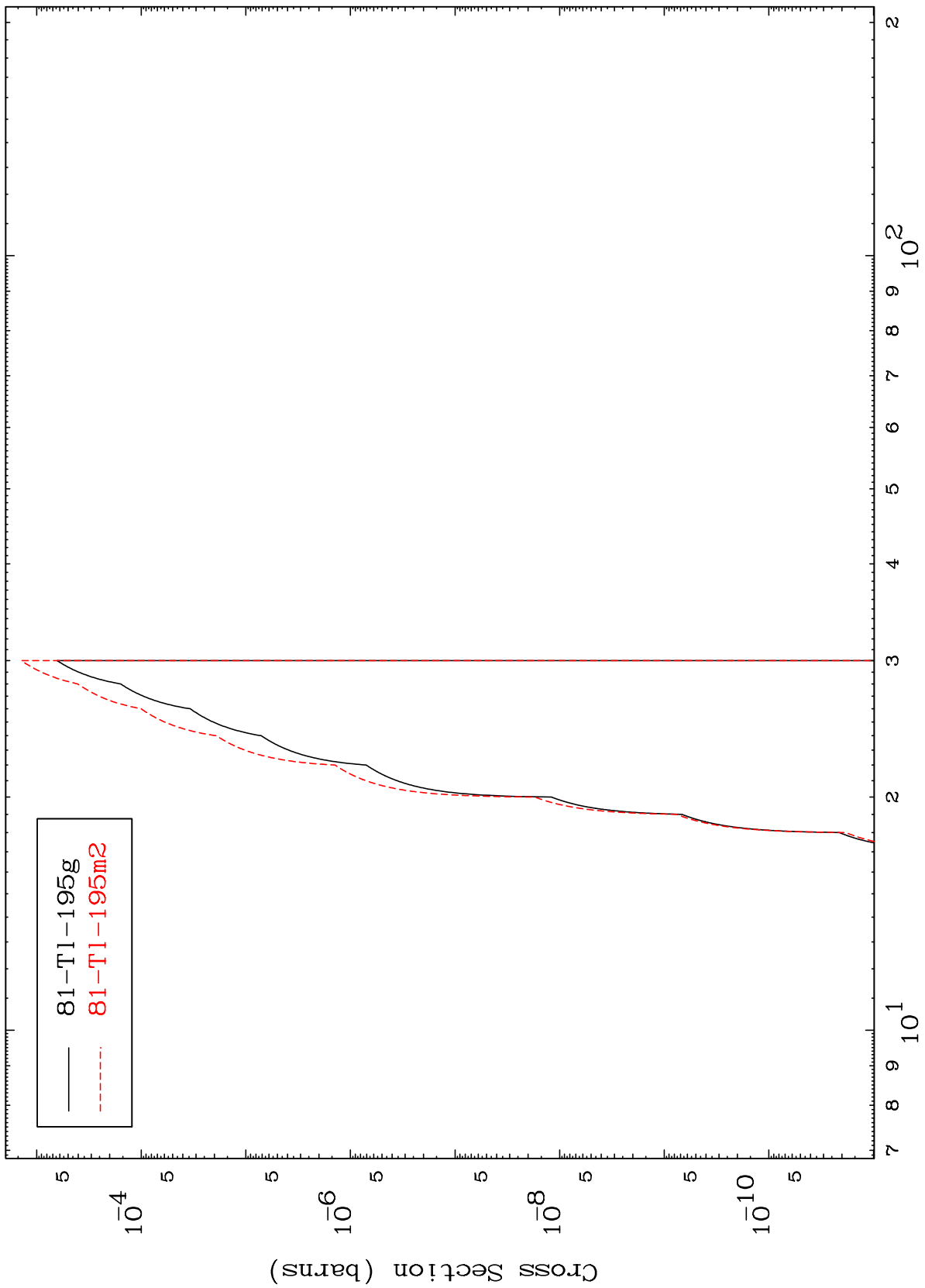


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81-Tl-196m

(n,n') α

Radionuclide Production Cross Section



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

81-Tl-196m

Incident Energy (MeV)

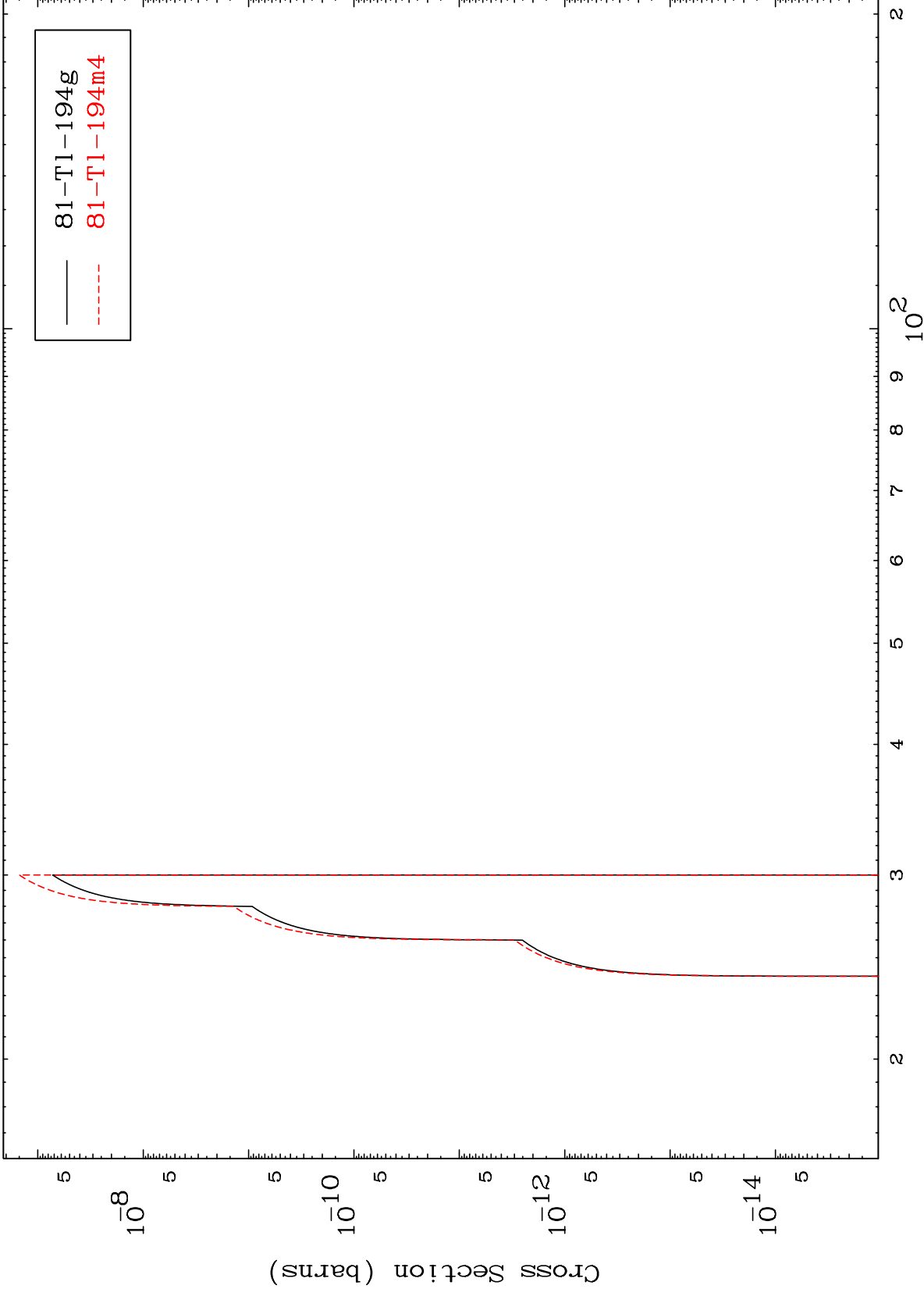
14

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$(n,2n) \alpha$

81-Tl-196m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

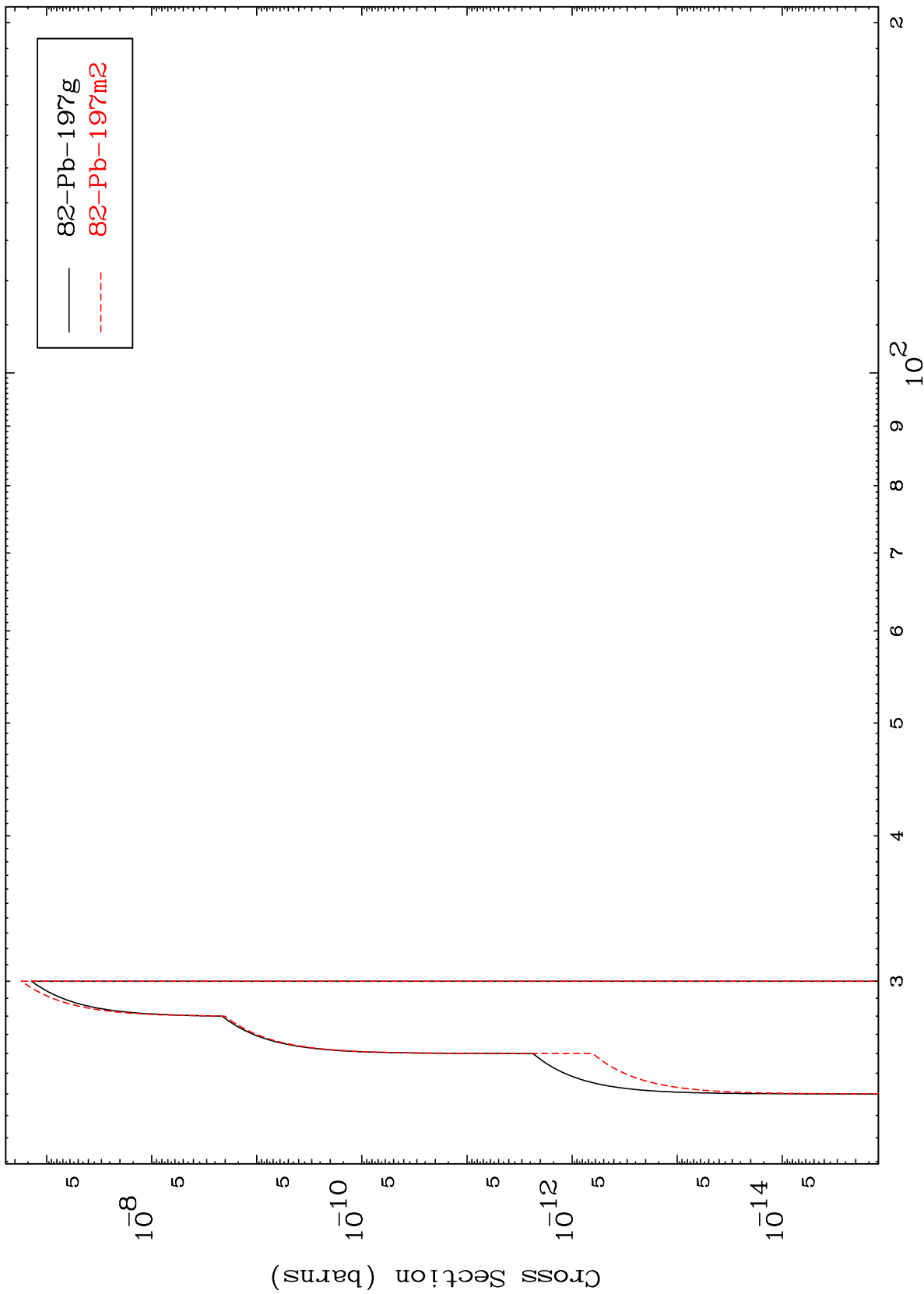
81-Tl-196m

MAT 8105

(n,n') d

81-TI-196m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

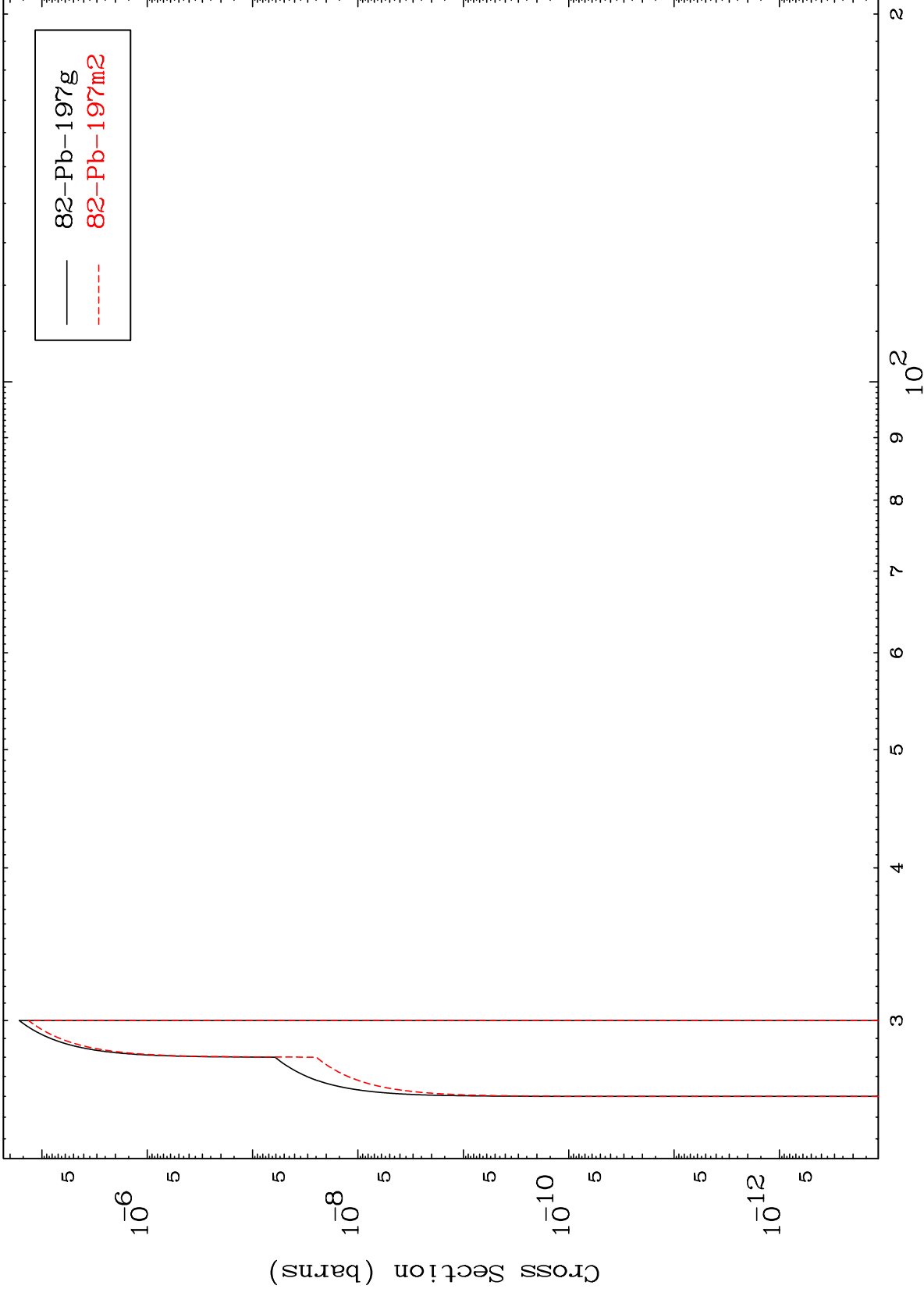
81-TI-196m

MAT 8105

(n,2n) p

81-TI-196m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

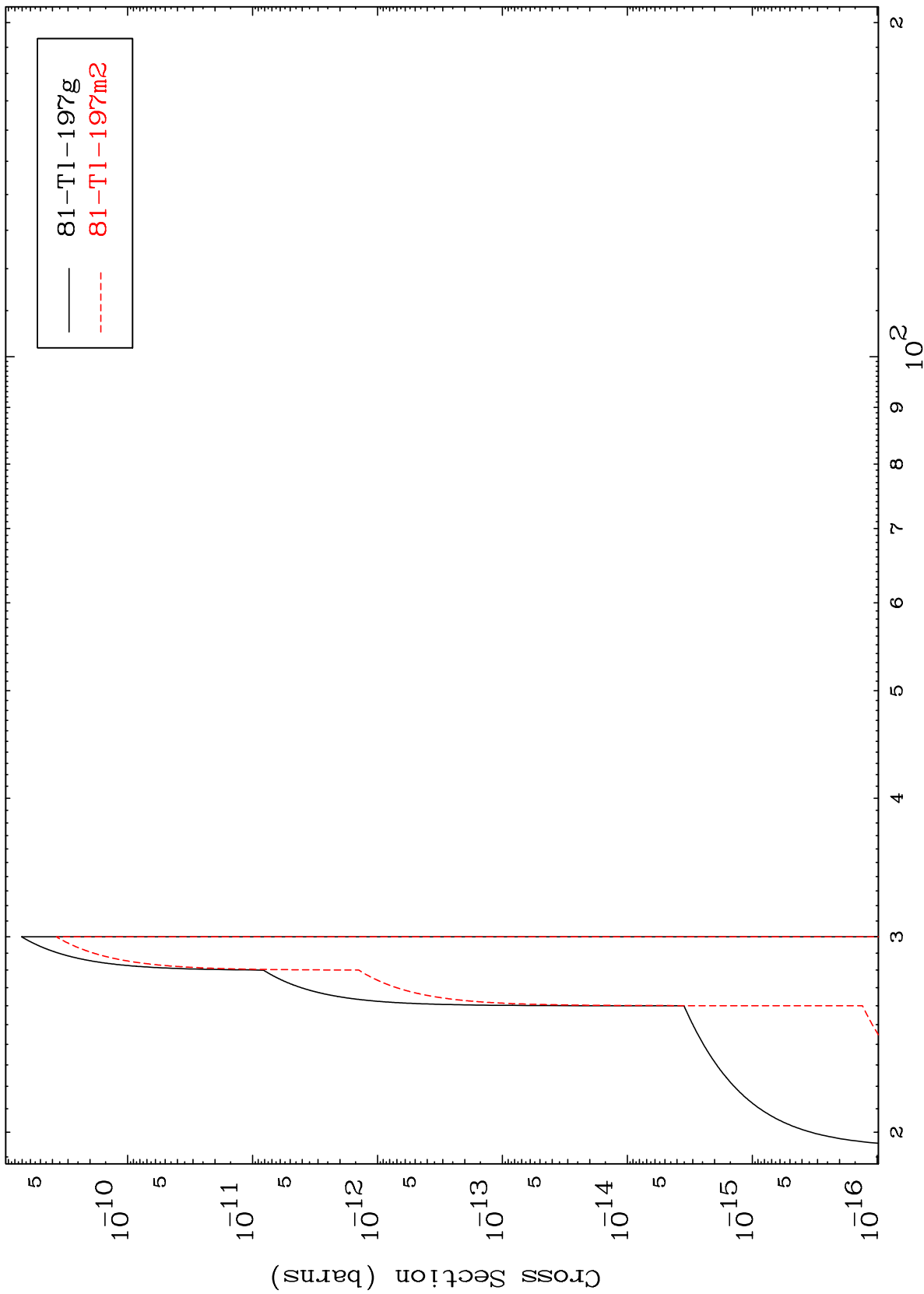
81-TI-196m

MAT 8105

(n,2n) p

81-Tl-196m

Radionuclide Production Cross Section



18

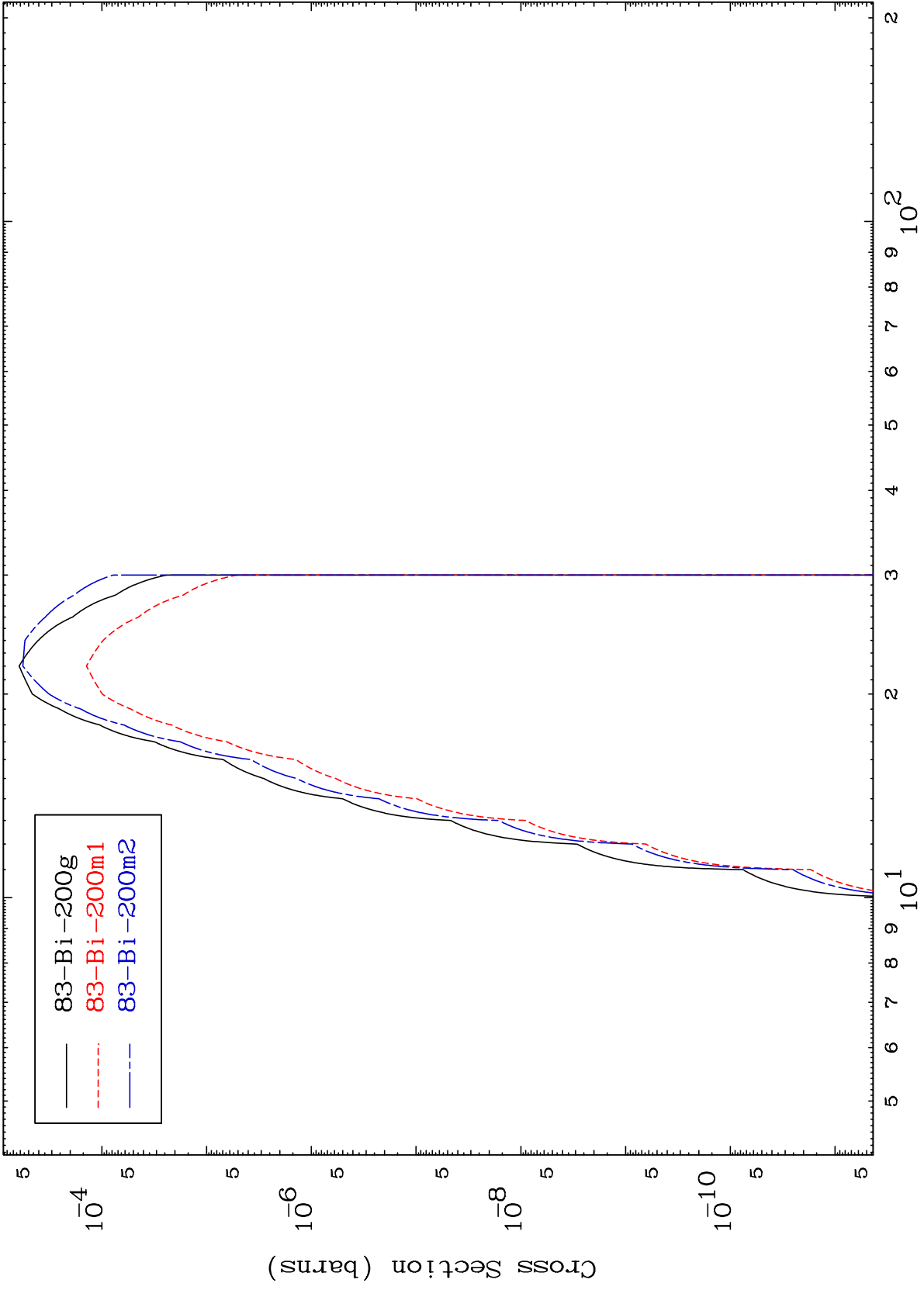
Incident Energy (MeV)

81-Tl-196m

MAT 8105

81-Tl-196m

Radionuclide Production Cross Section
(n, γ)



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

19

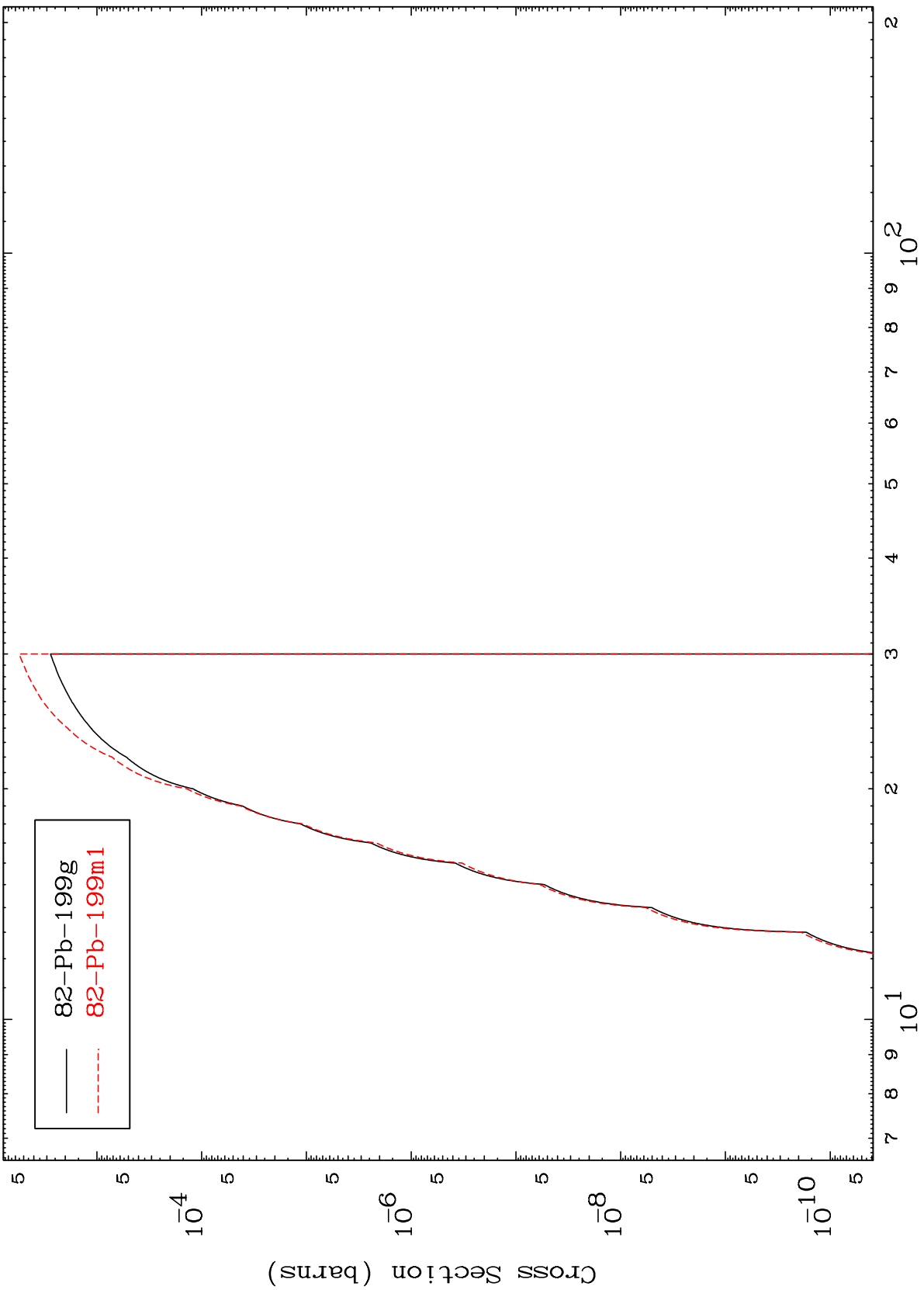
Incident Energy (MeV)

81-Tl-196m

MAT 8105

81-Tl-196m

Radionuclide Production Cross Section (n,p)

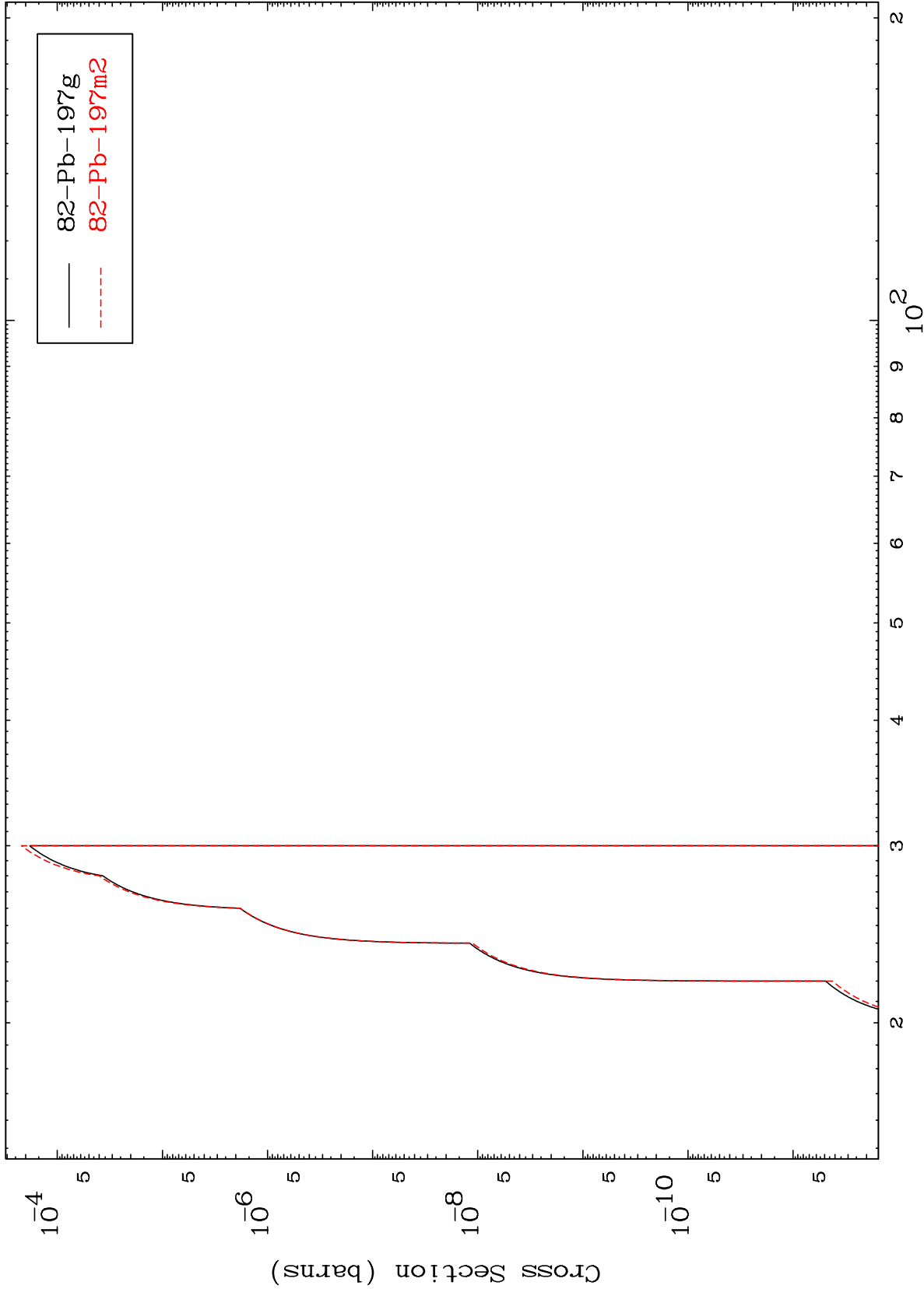


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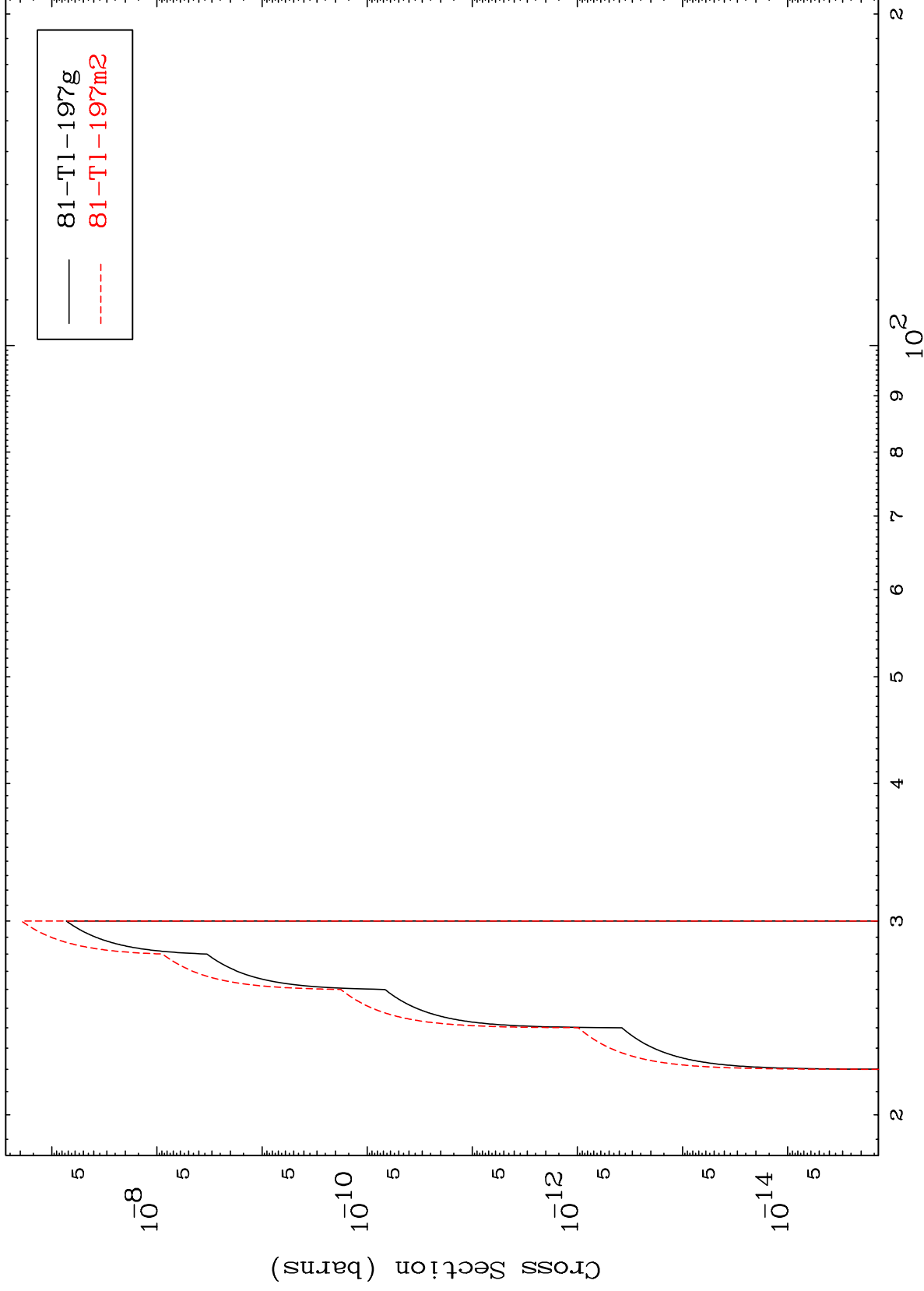
Incident Energy (MeV)

81-Tl-196m

(n, t)
Radionuclide Production Cross Section



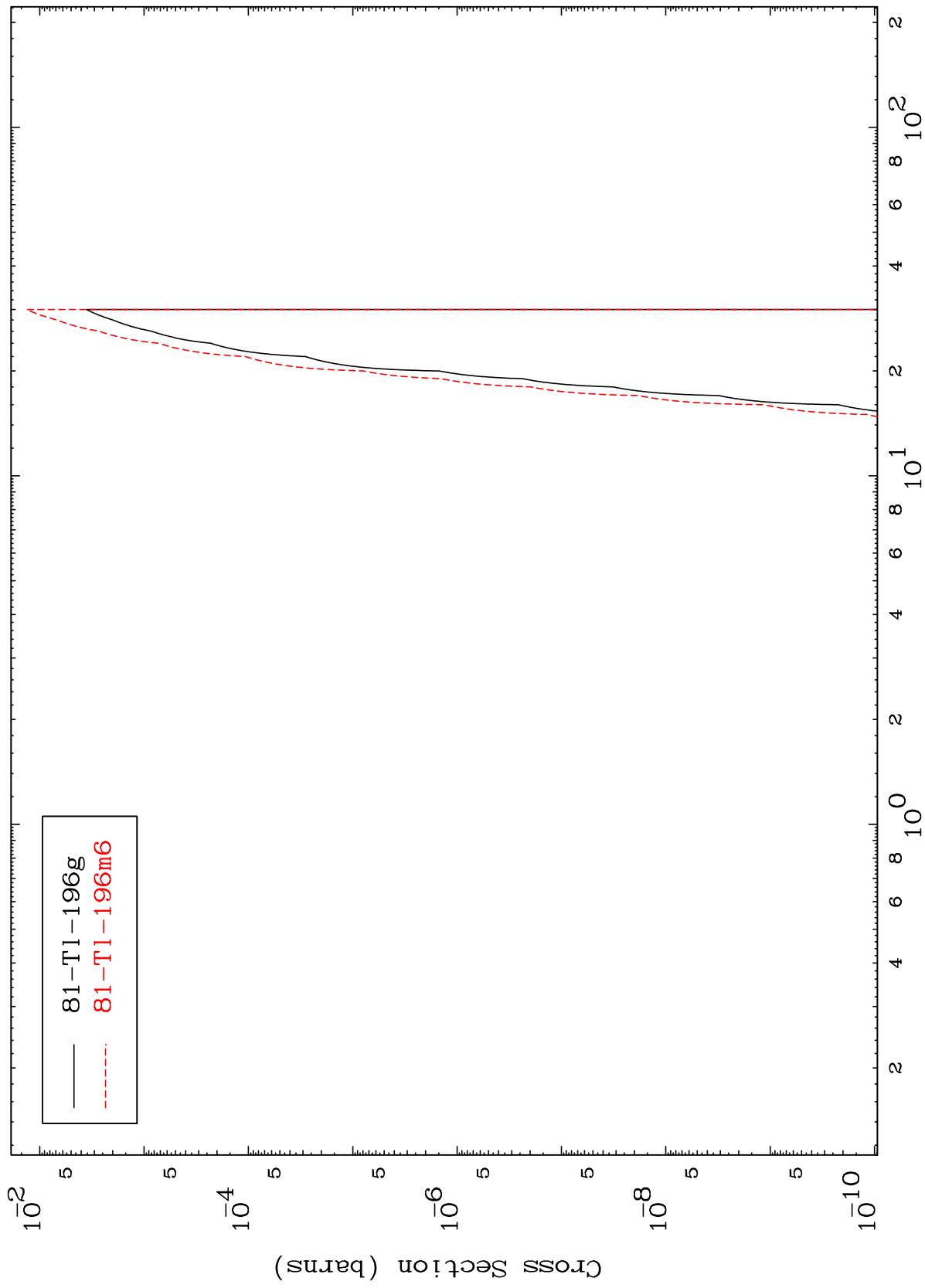
Radionuclide Production Cross Section



MAT 8105

81-Tl-196m

Radionuclide Production Cross Section



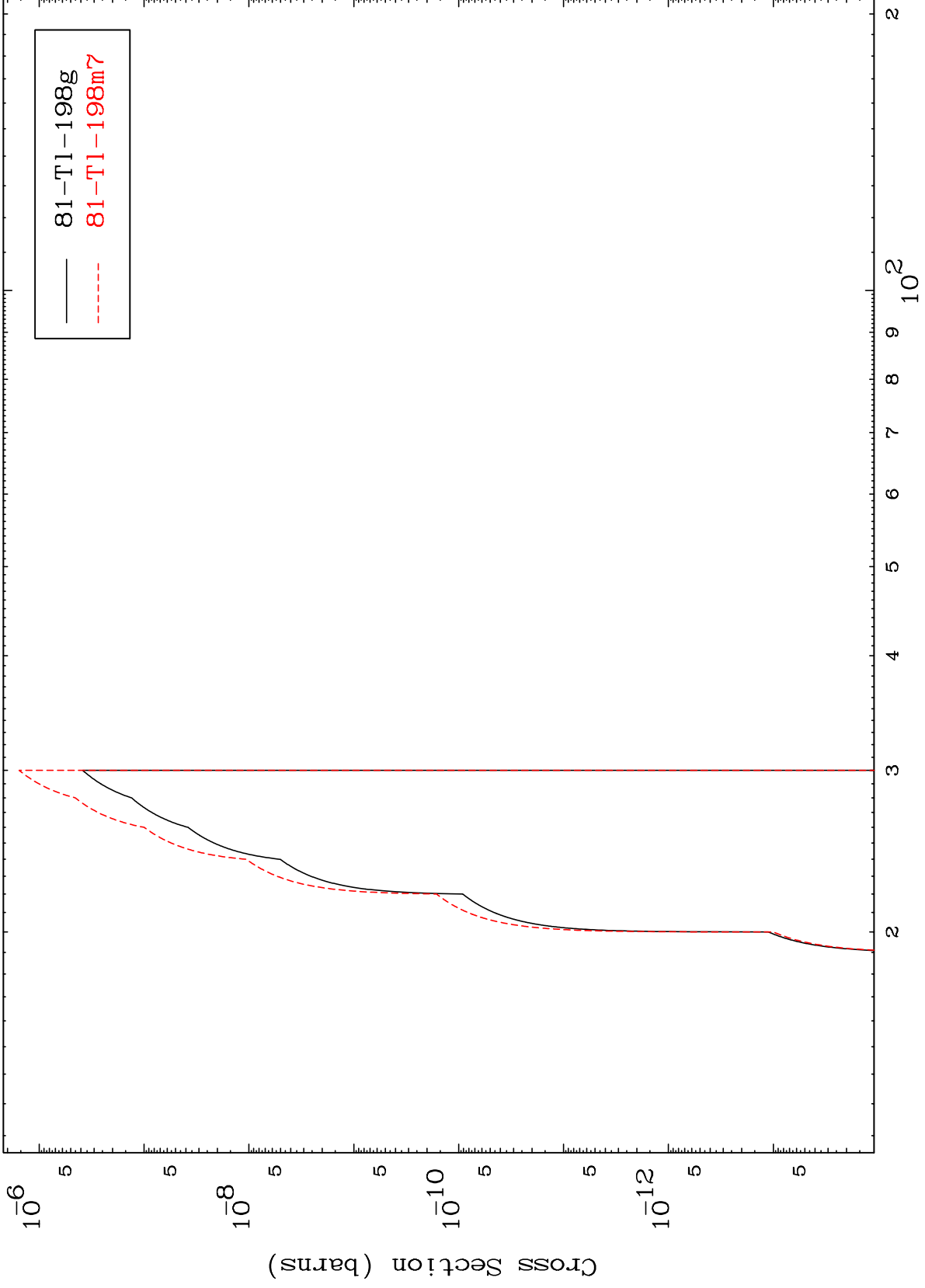
81-Tl-196m

Incident Energy (MeV)

MAT 8105

81-Tl-196m

(n,2p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

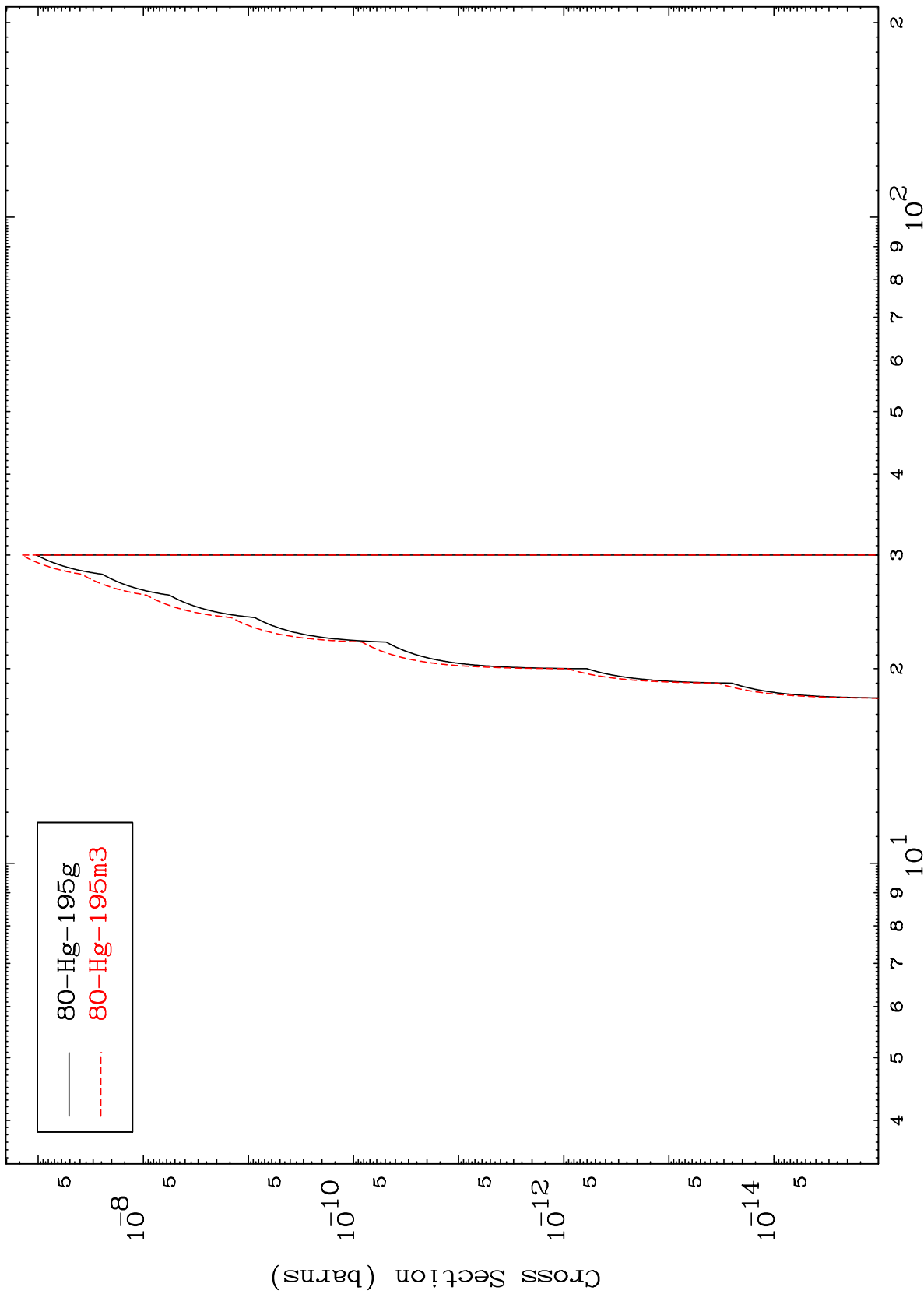
81-Tl-196m

MAT 8105

(n,p) α

81-Tl-196m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

81-Tl-196m