

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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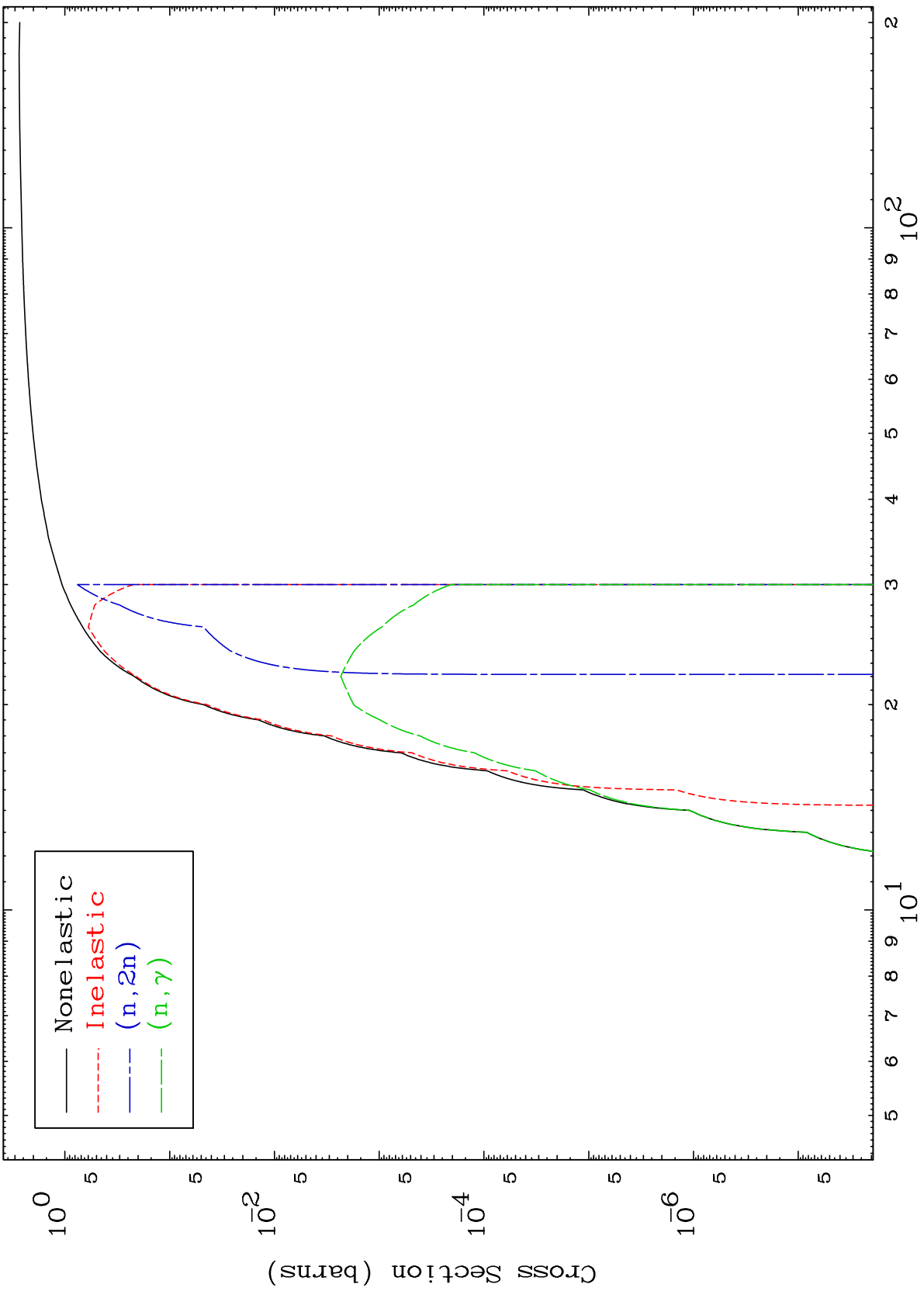
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

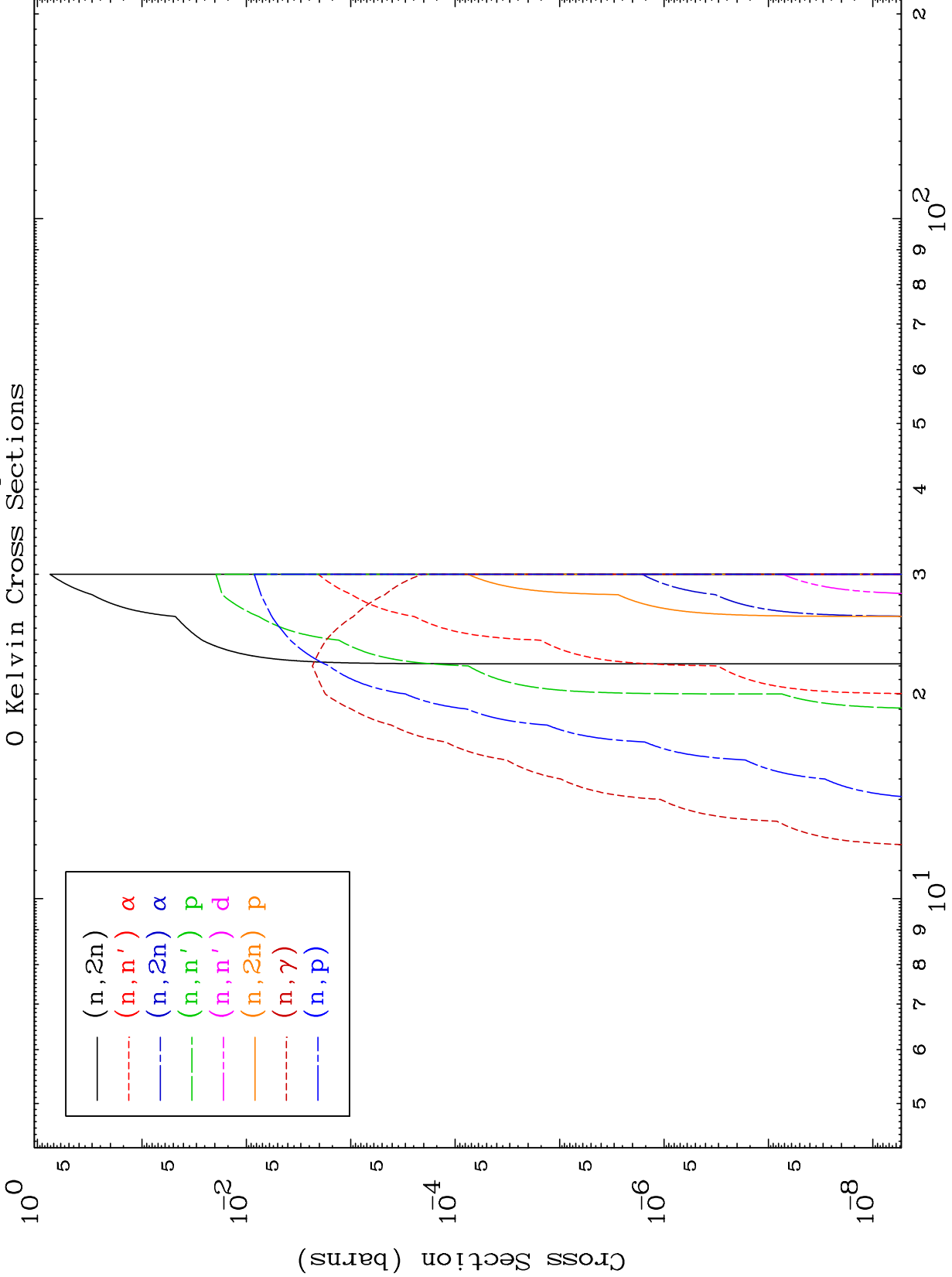
Web:redcullen1.net/HOMEPAGE.NEW

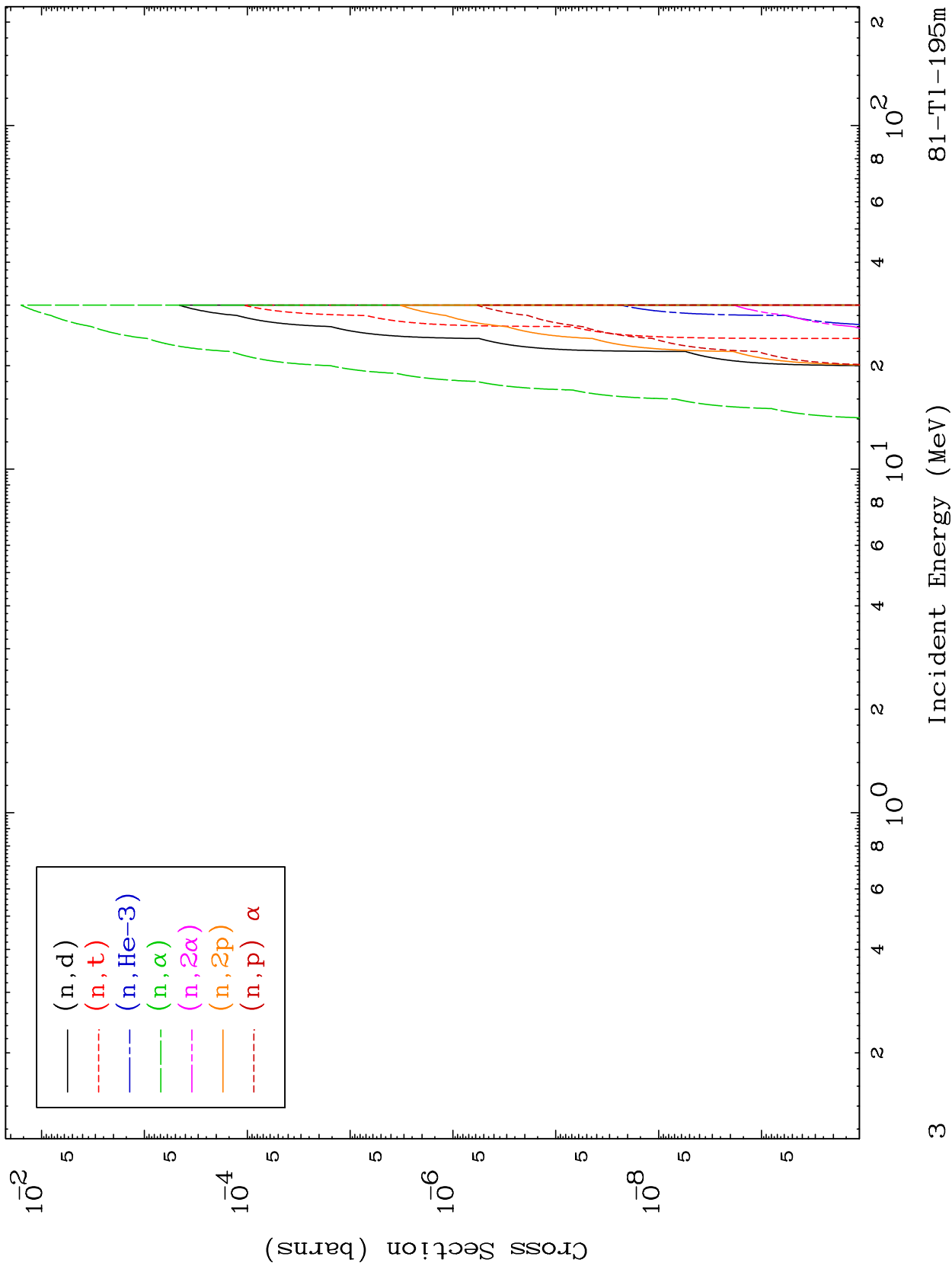
Press Mouse Button to Start

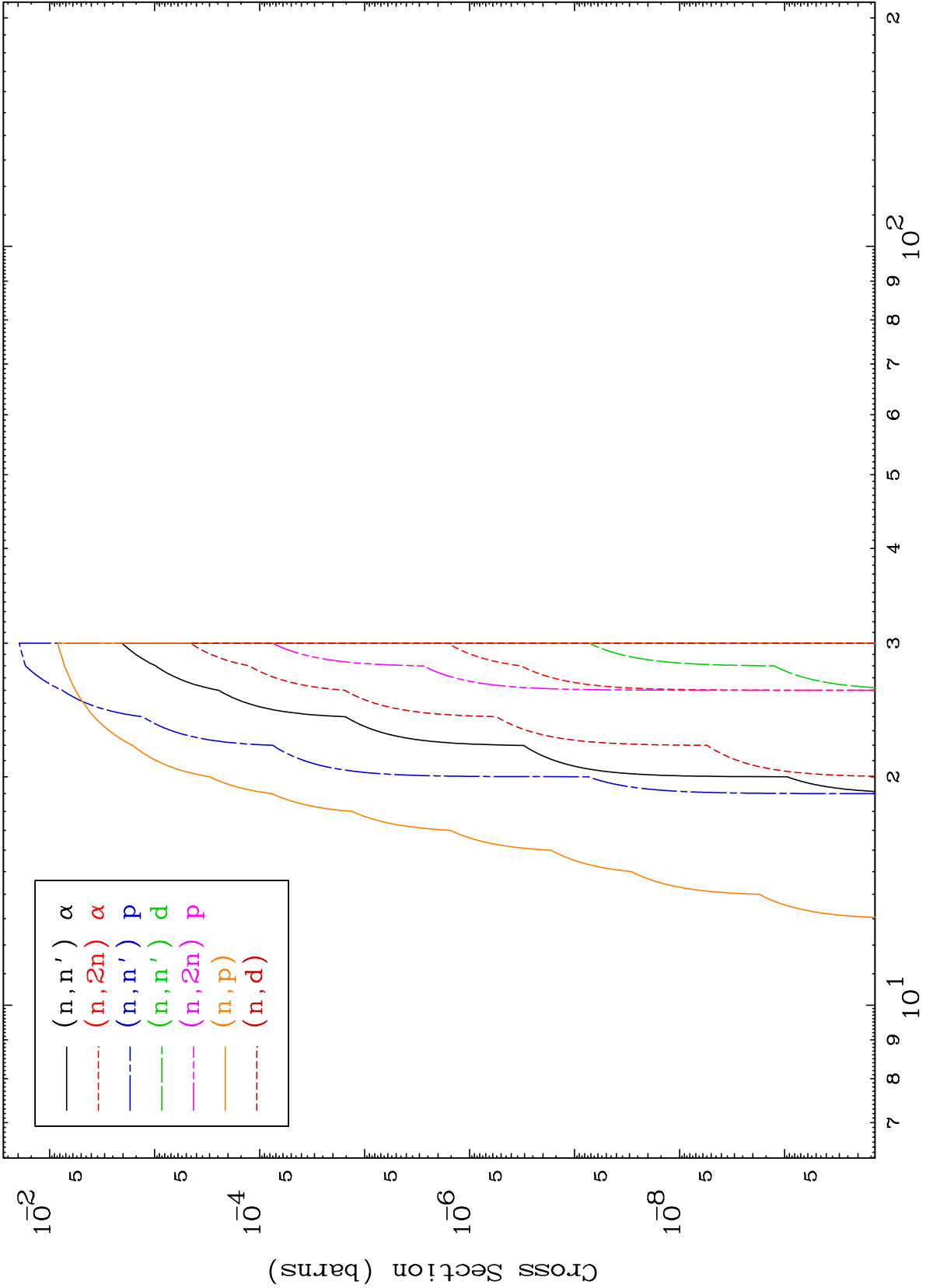
0 Kelvin Cross Sections

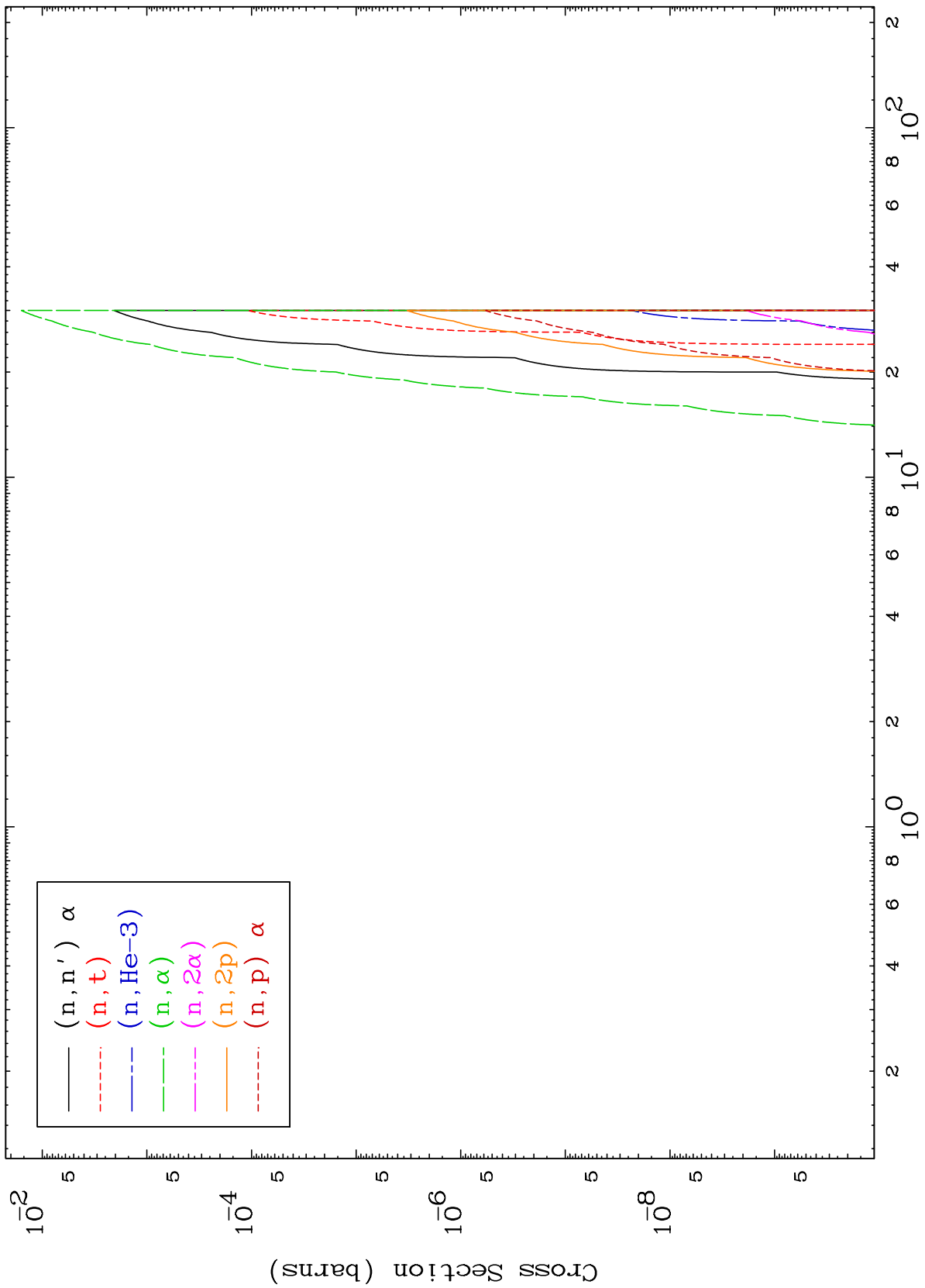


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, gamma)





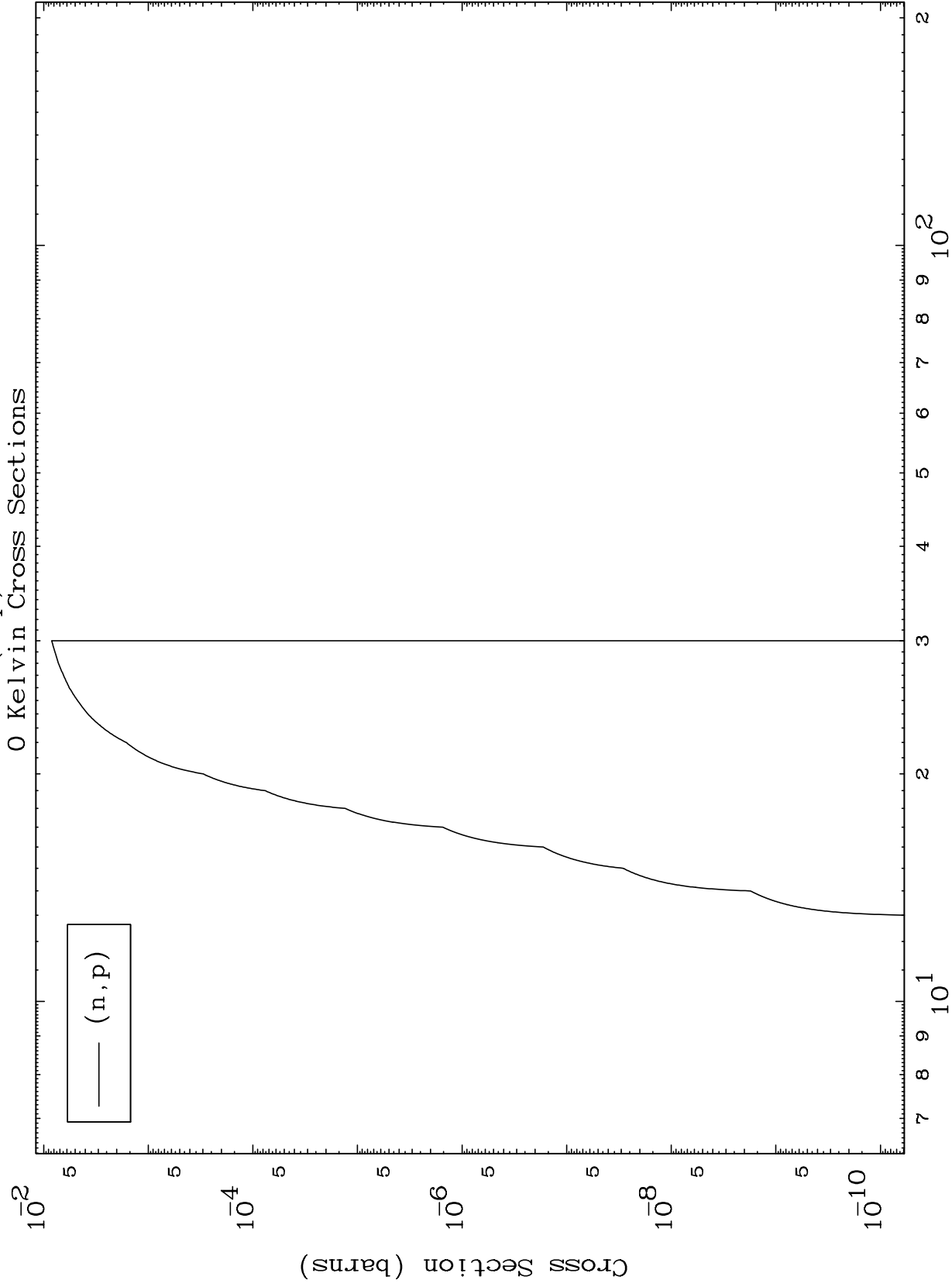




MAT 8102

(α, p) Levels

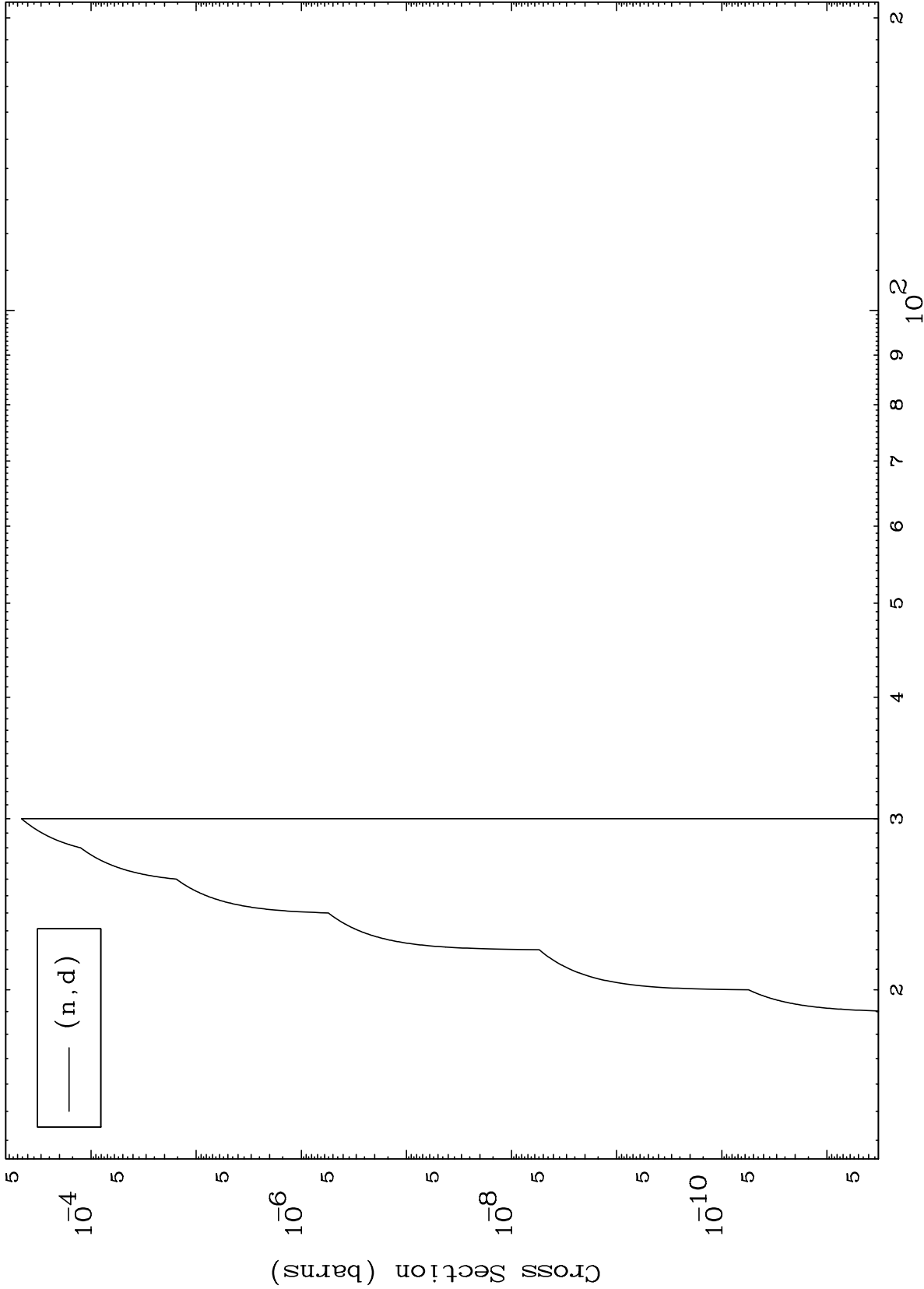
81-Tl-195m



6

Incident Energy (MeV)

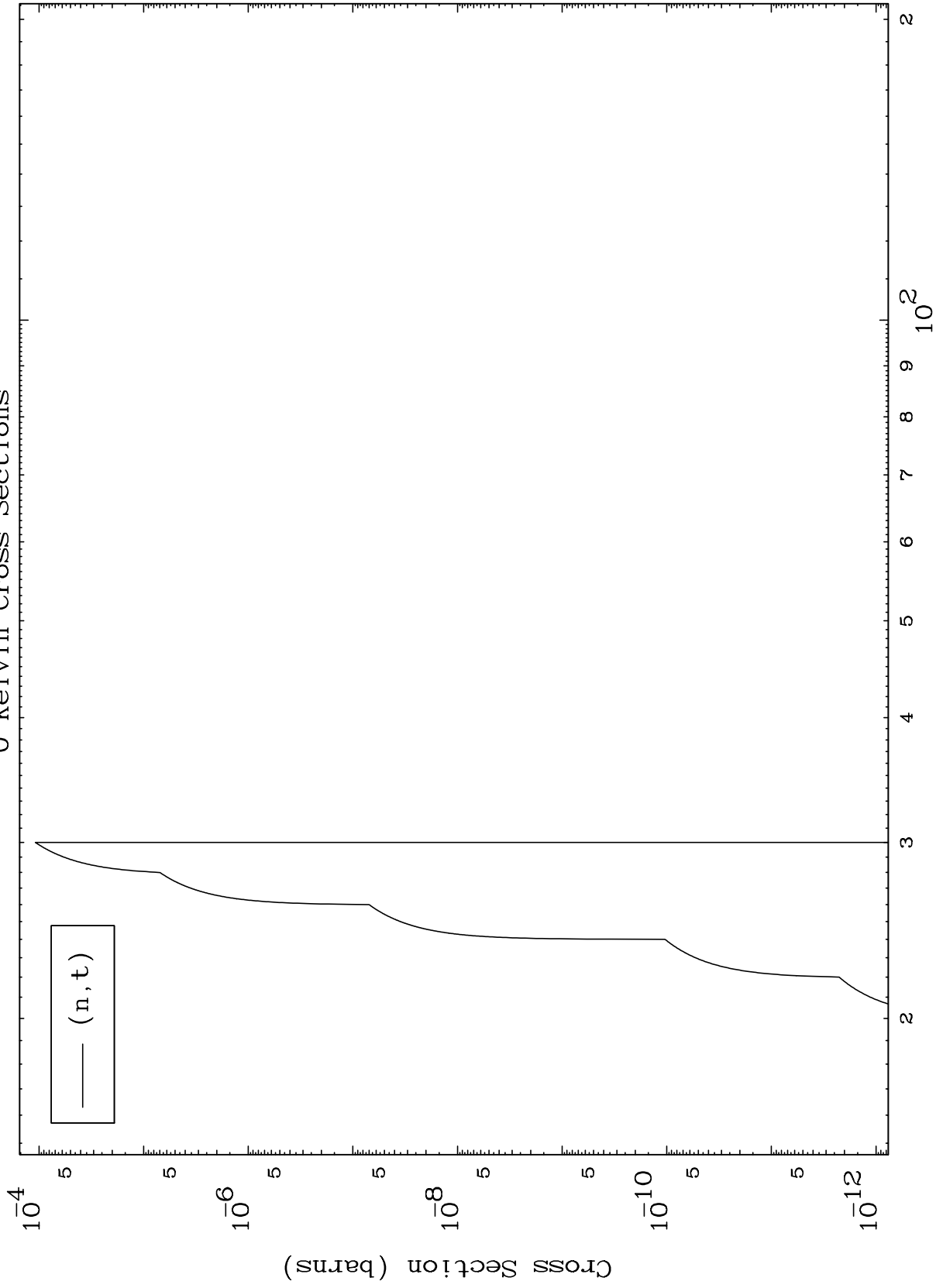
81-Tl-195m



MAT 8102

(α, t) Levels
0 Kelvin Cross Sections

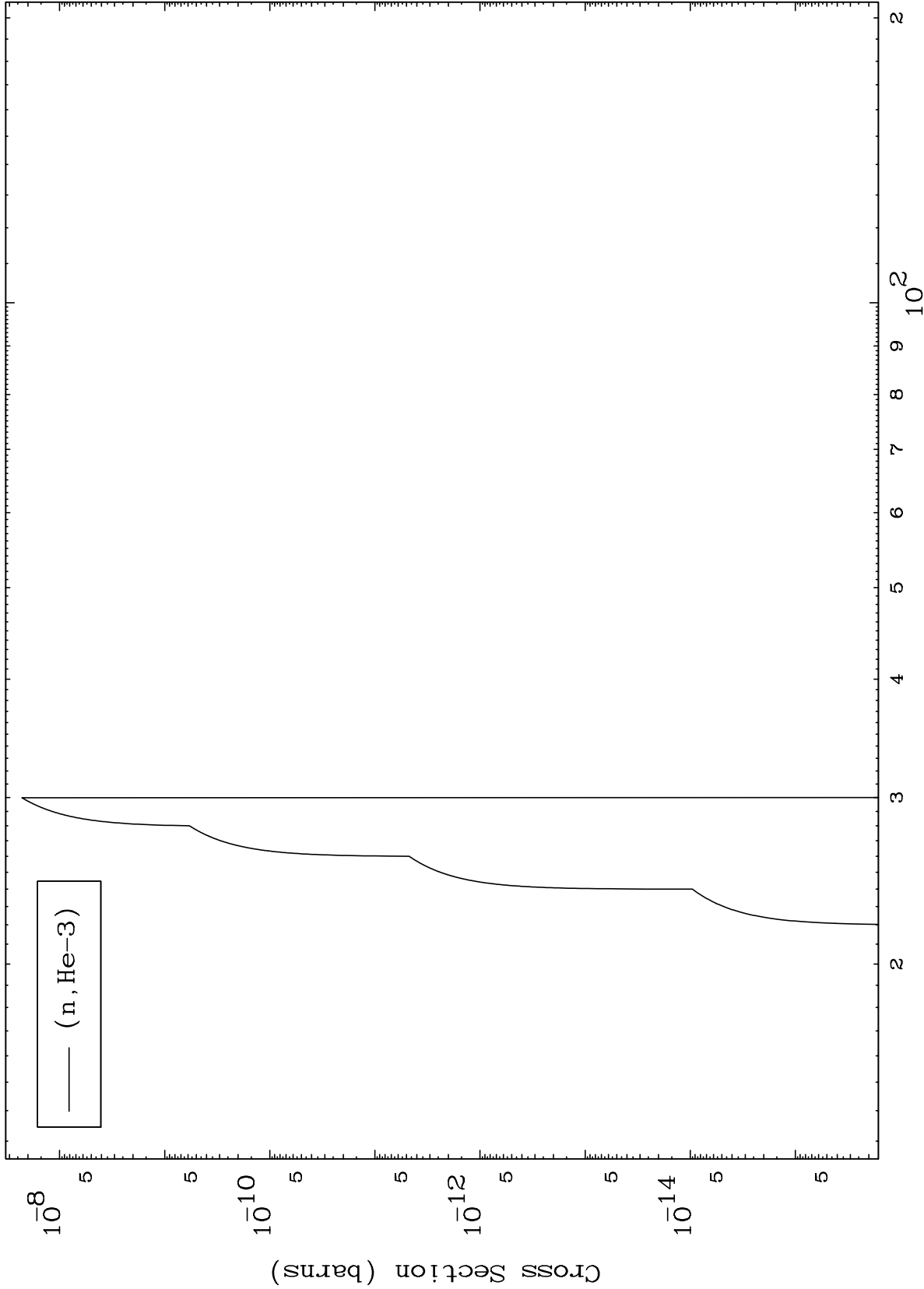
81-Tl-195m



8

Incident Energy (MeV)

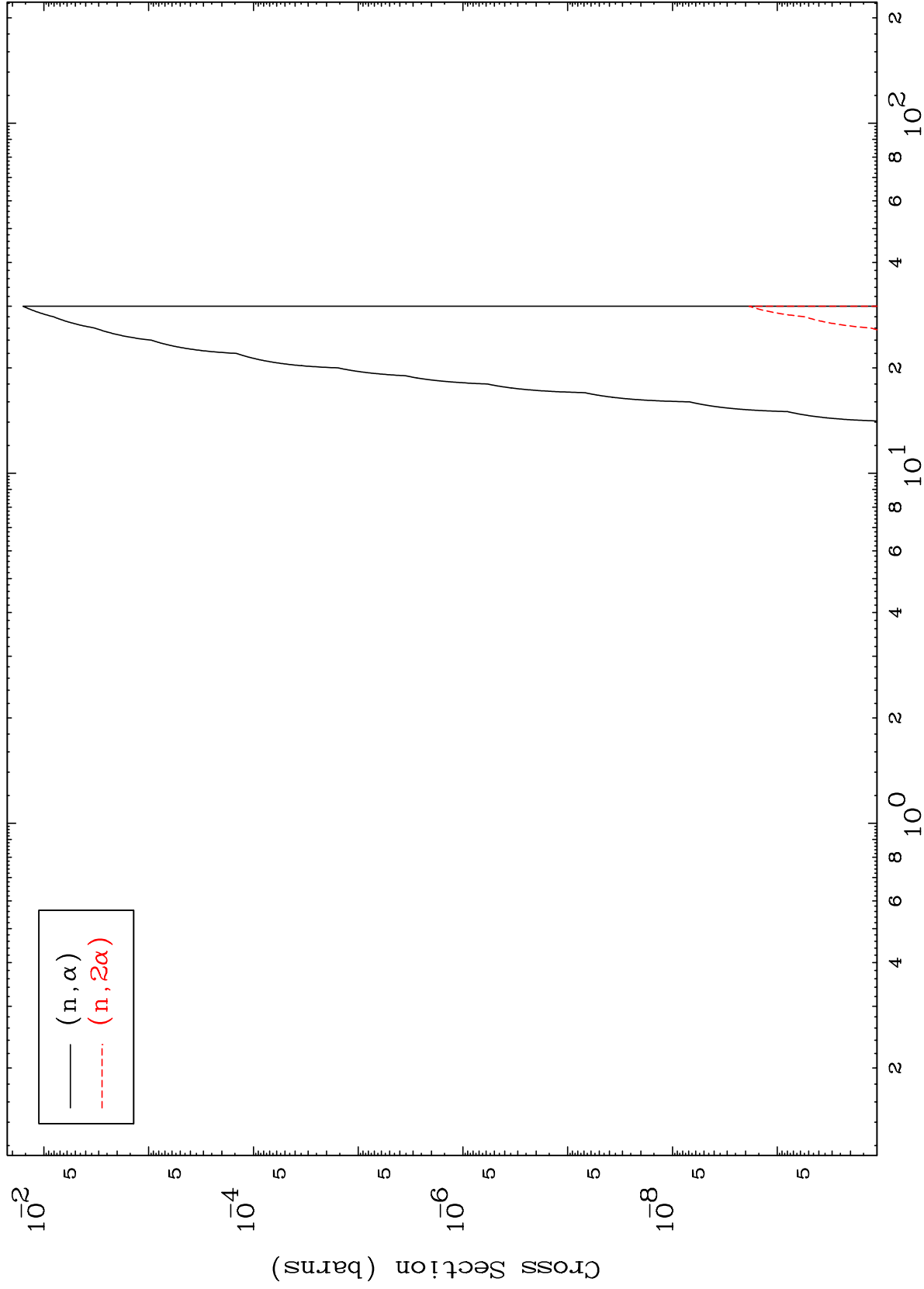
81-Tl-195m



MAT 8102

81-Tl-195m

(α, α) Levels
0 Kelvin Cross Sections

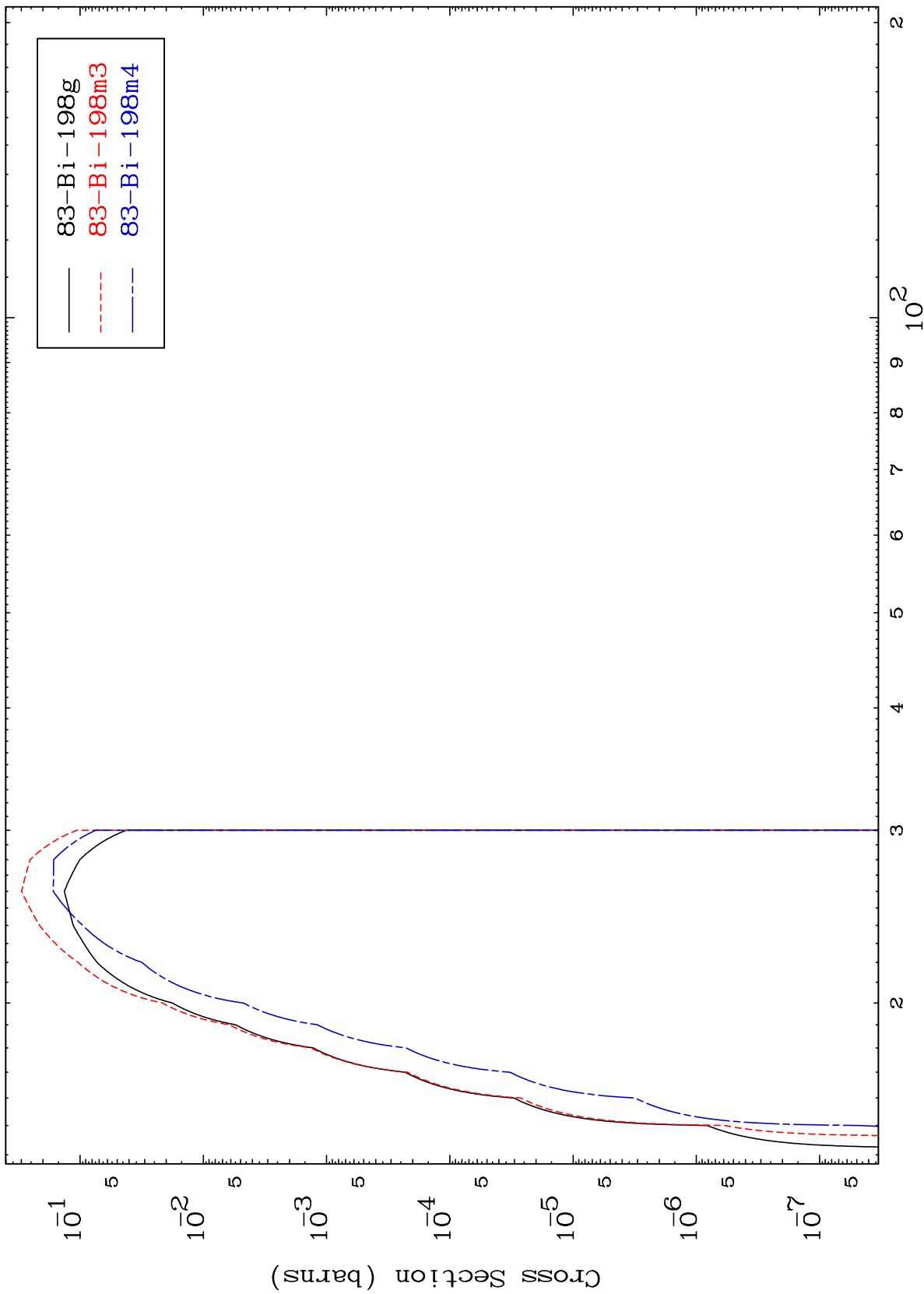


81-Tl-195m

Incident Energy (MeV)

10

Inelastic
Radionuclide Production Cross Section

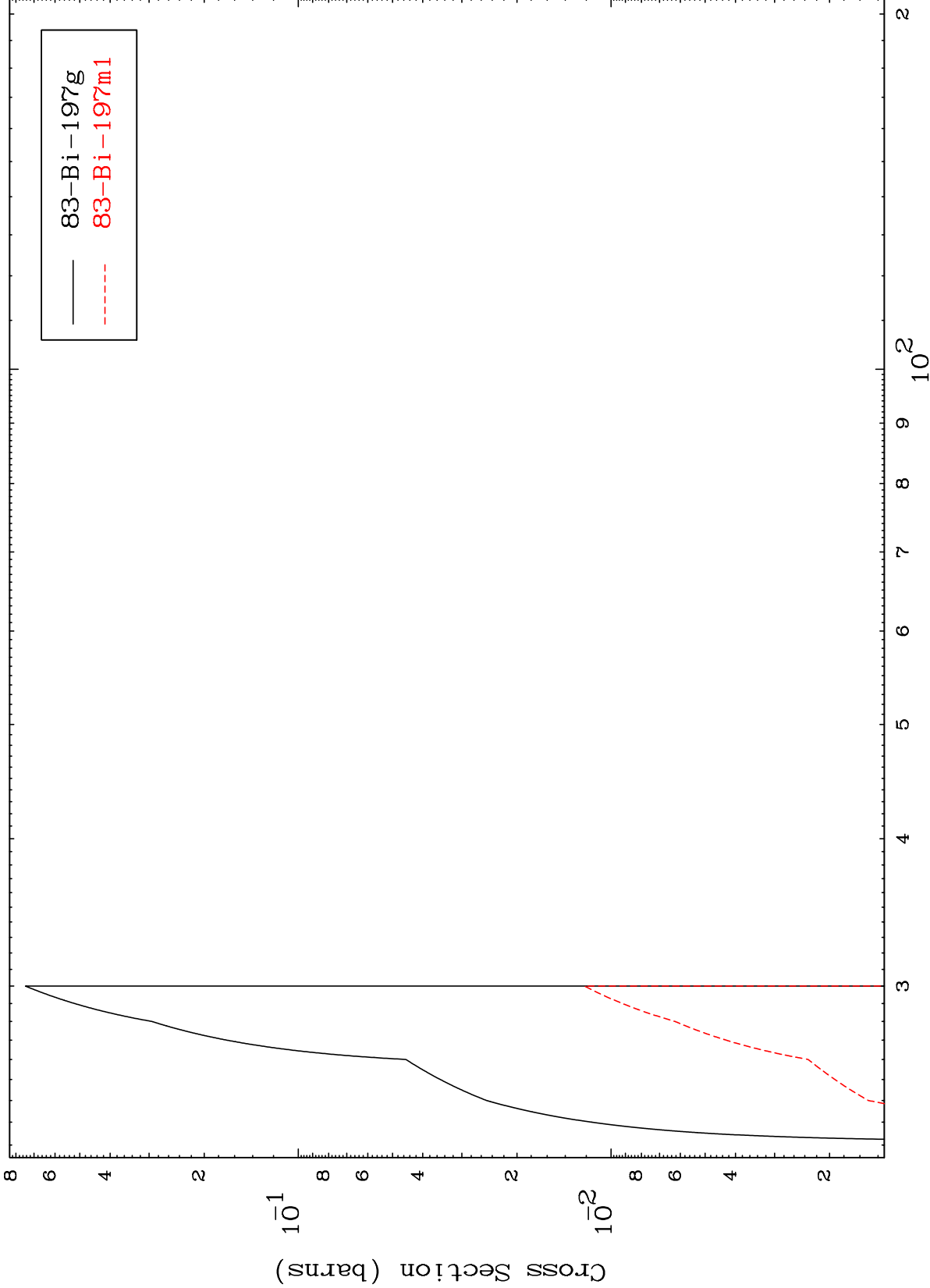


MAT 8102

(n,2n)

81-TI-195m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

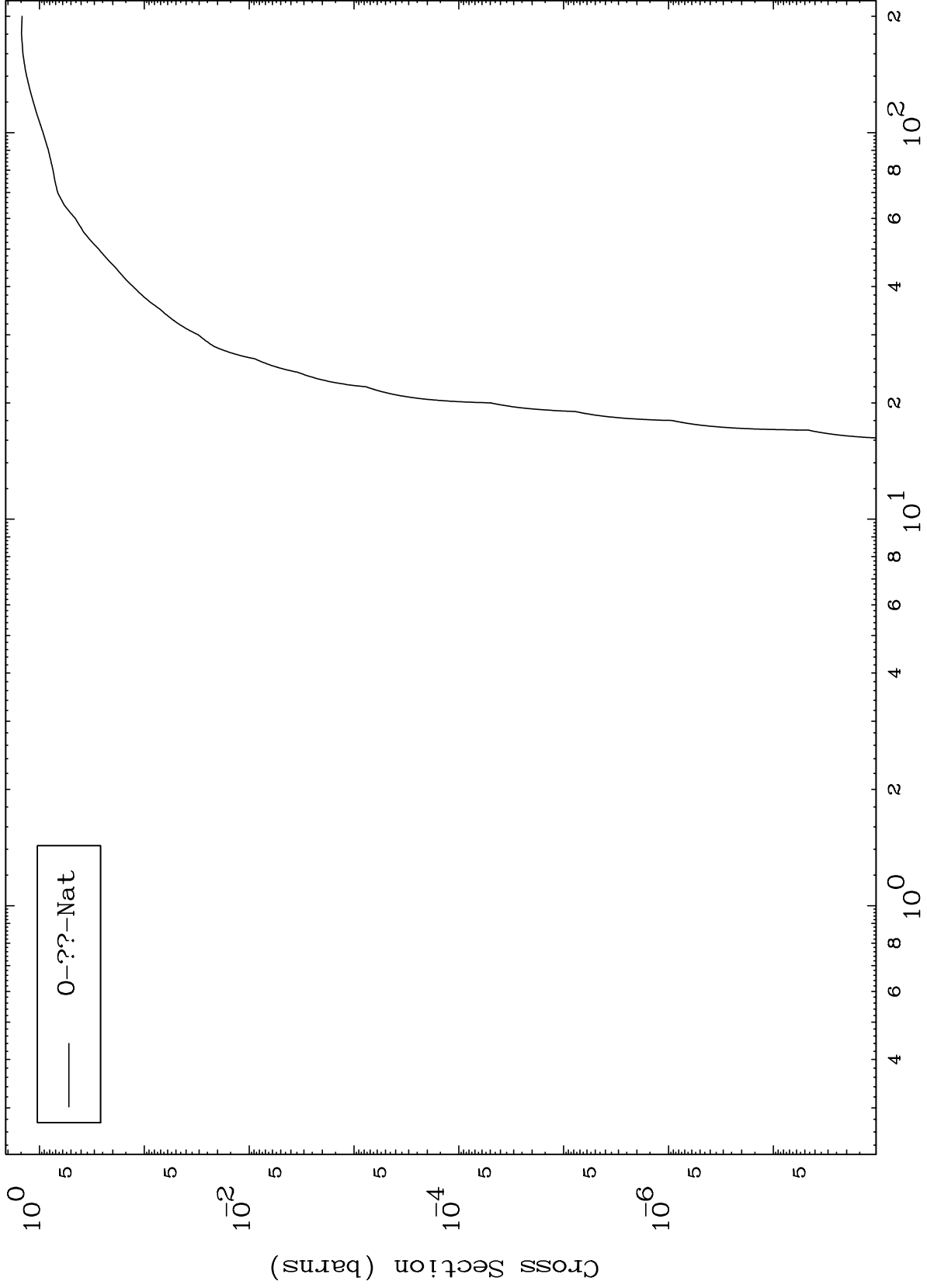
81-TI-195m

MAT 8102

Fission

81-Tl-195m

Radionuclide Production Cross Section

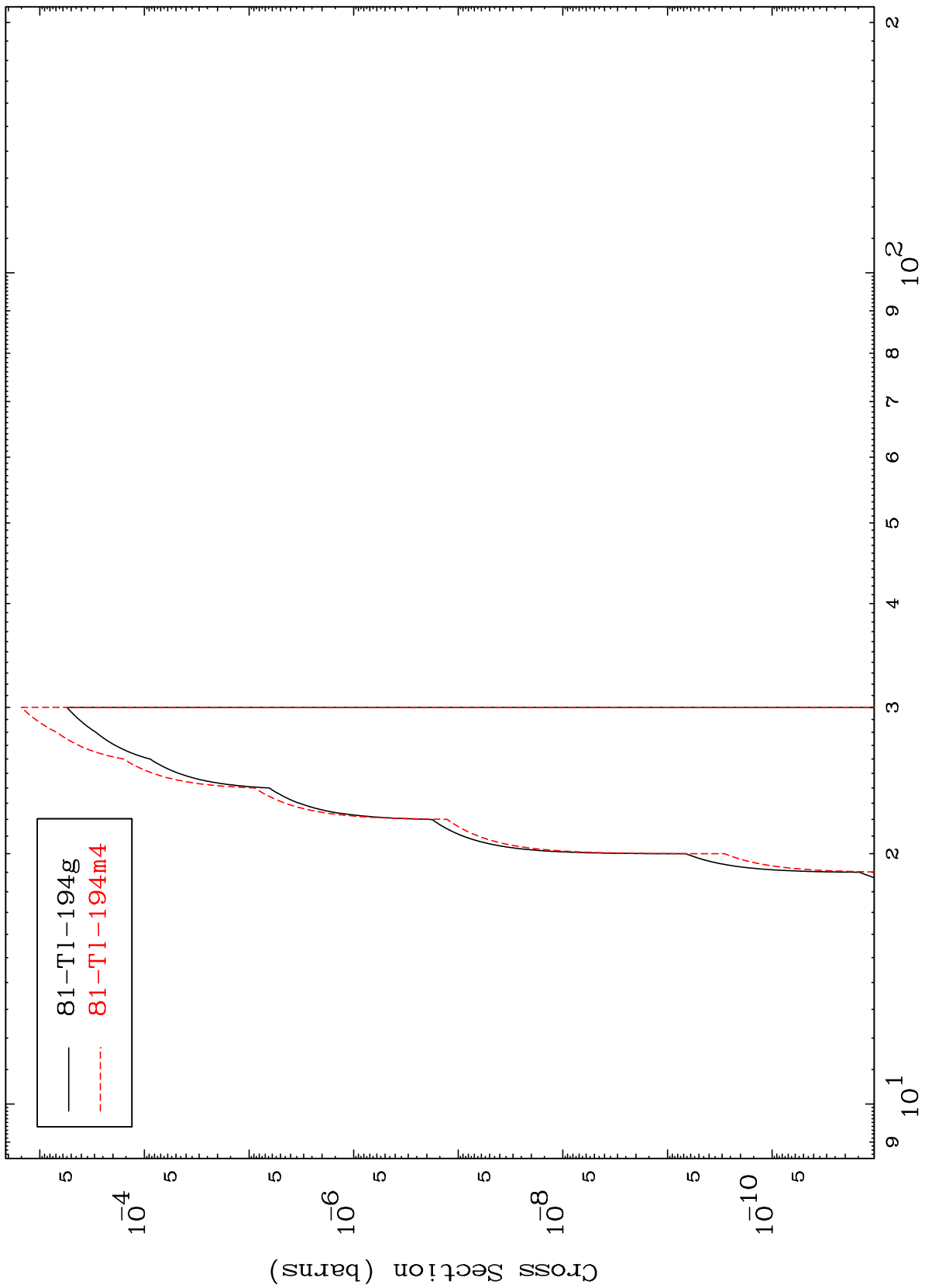


MAT 8102

(n,n') α

81-Tl-195m

Radionuclide Production Cross Section



14

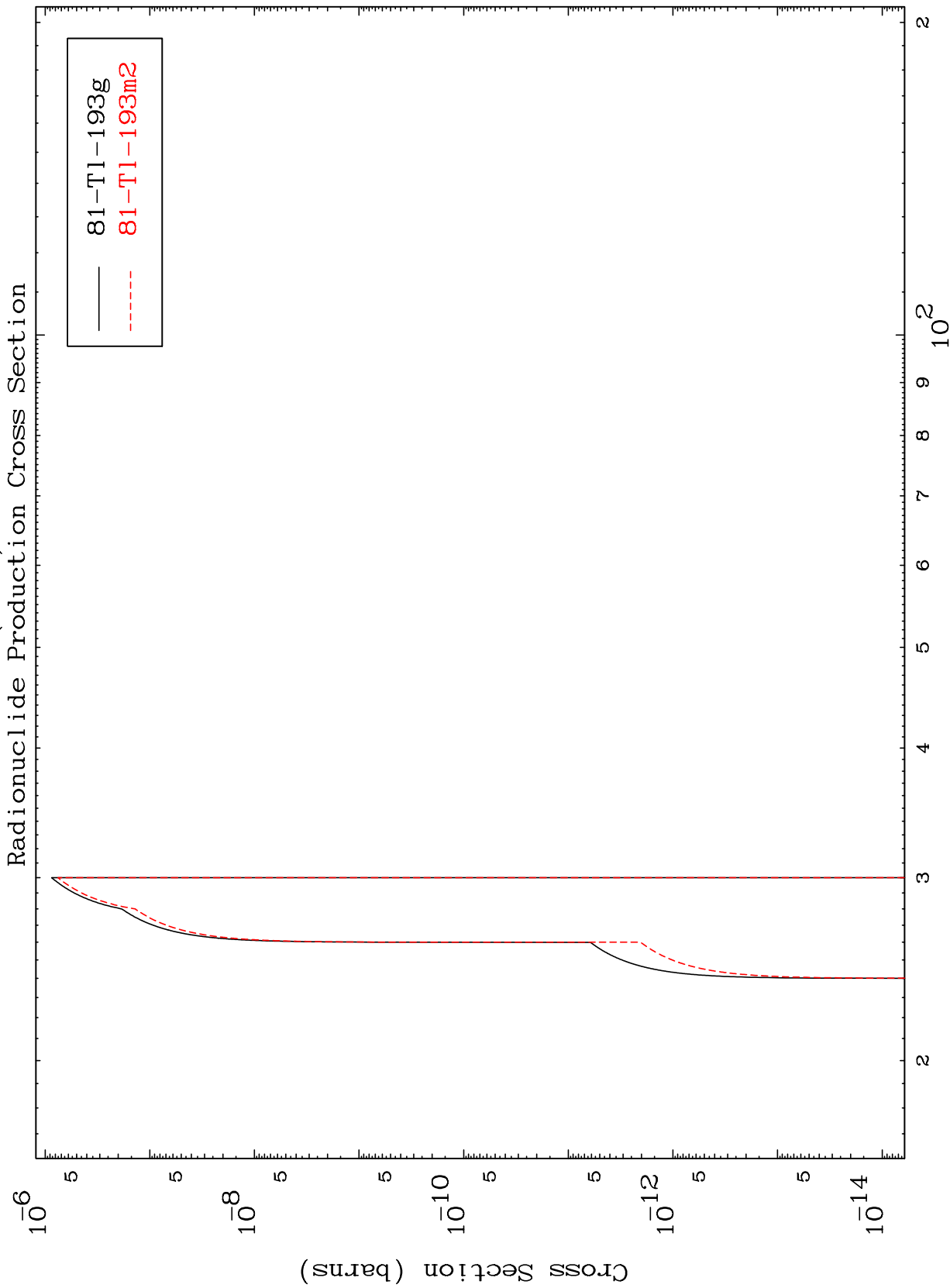
Incident Energy (MeV)

81-Tl-195m

MAT 8102

(n,2n) α

81-Tl-195m

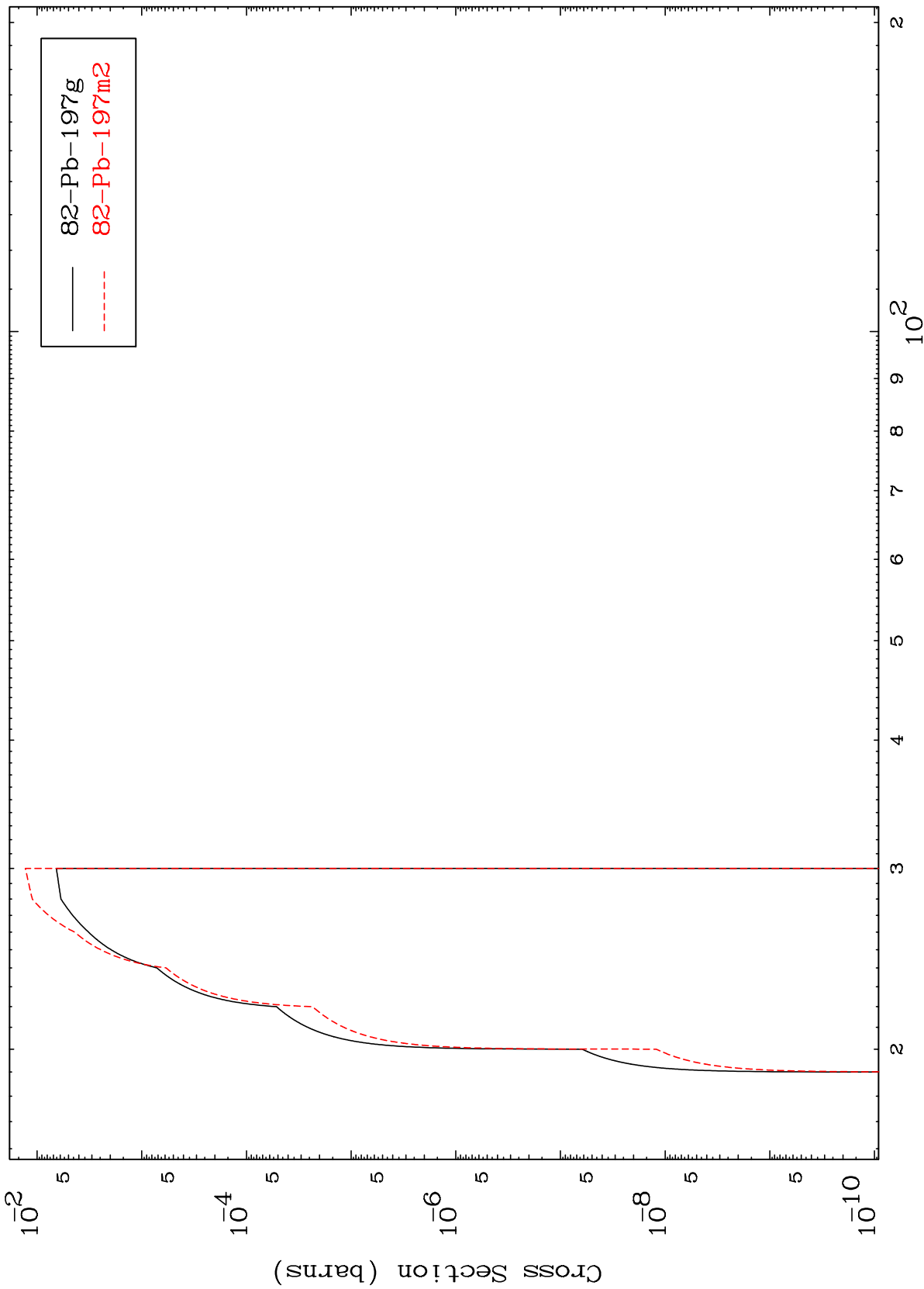


15

Incident Energy (MeV)

81-Tl-195m

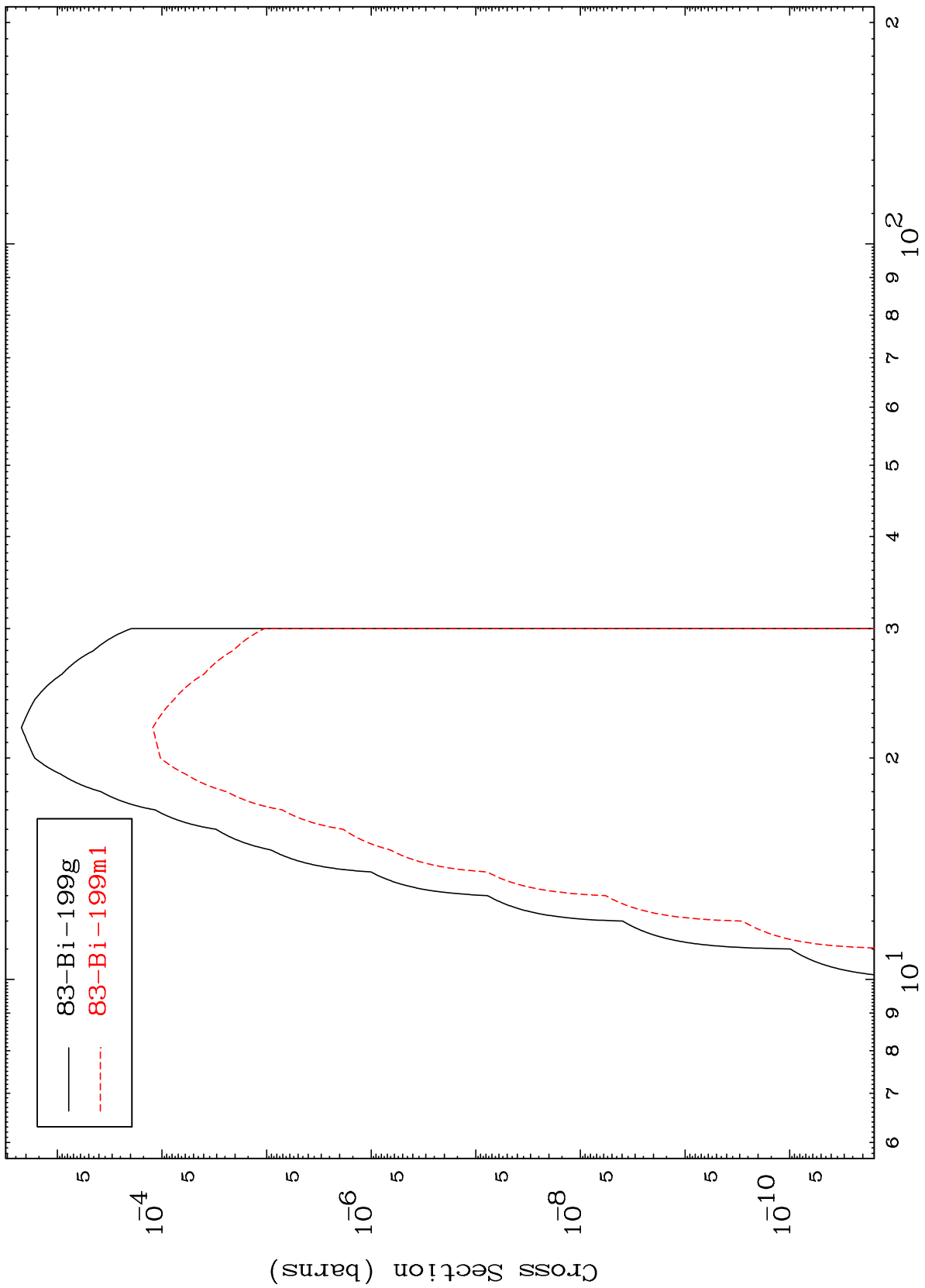
Radionuclide Production Cross Section



MAT 8102

81-Tl-195m

Radionuclide Production Cross Section



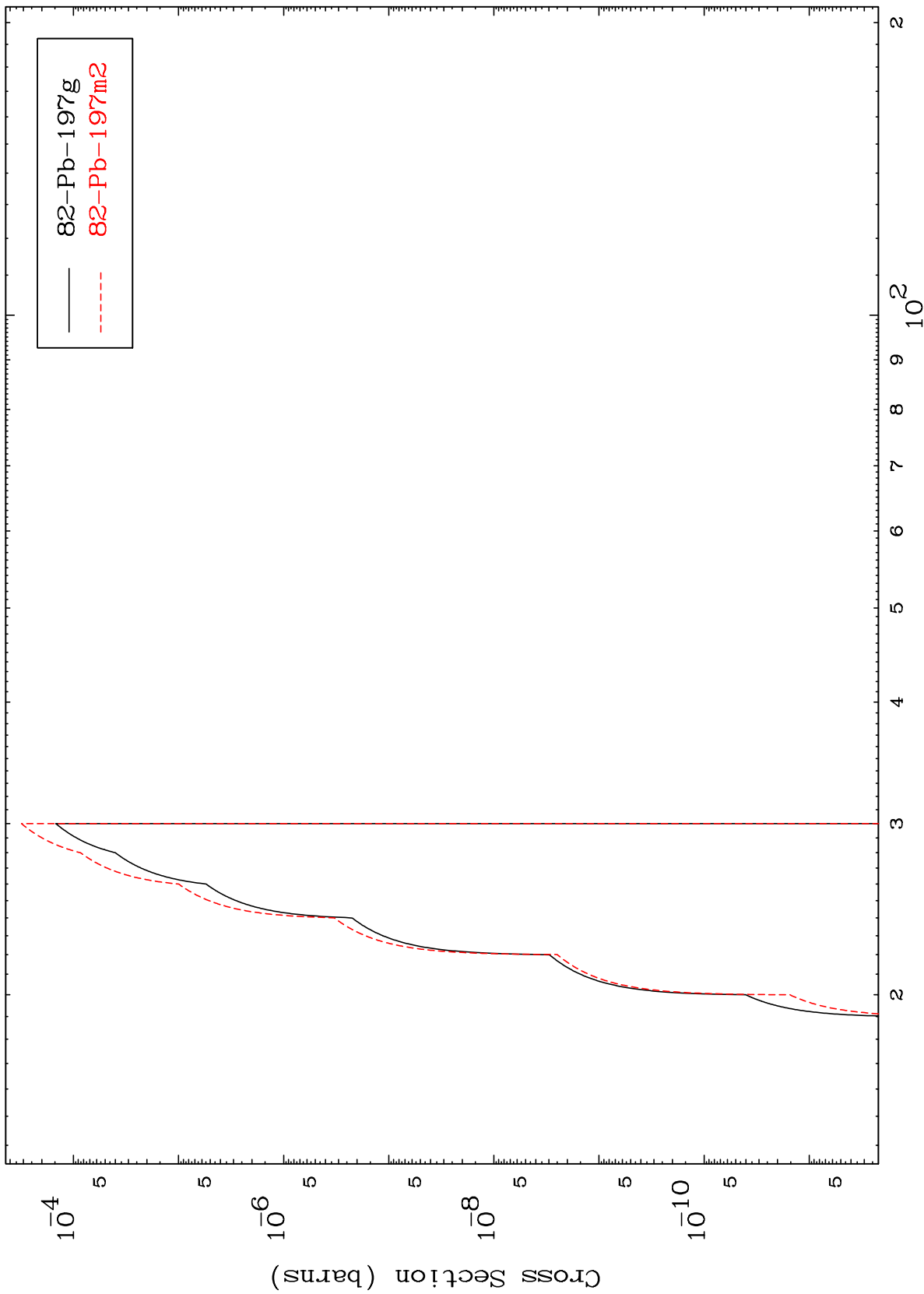
83-Bi-199g
83-Bi-199m1

17

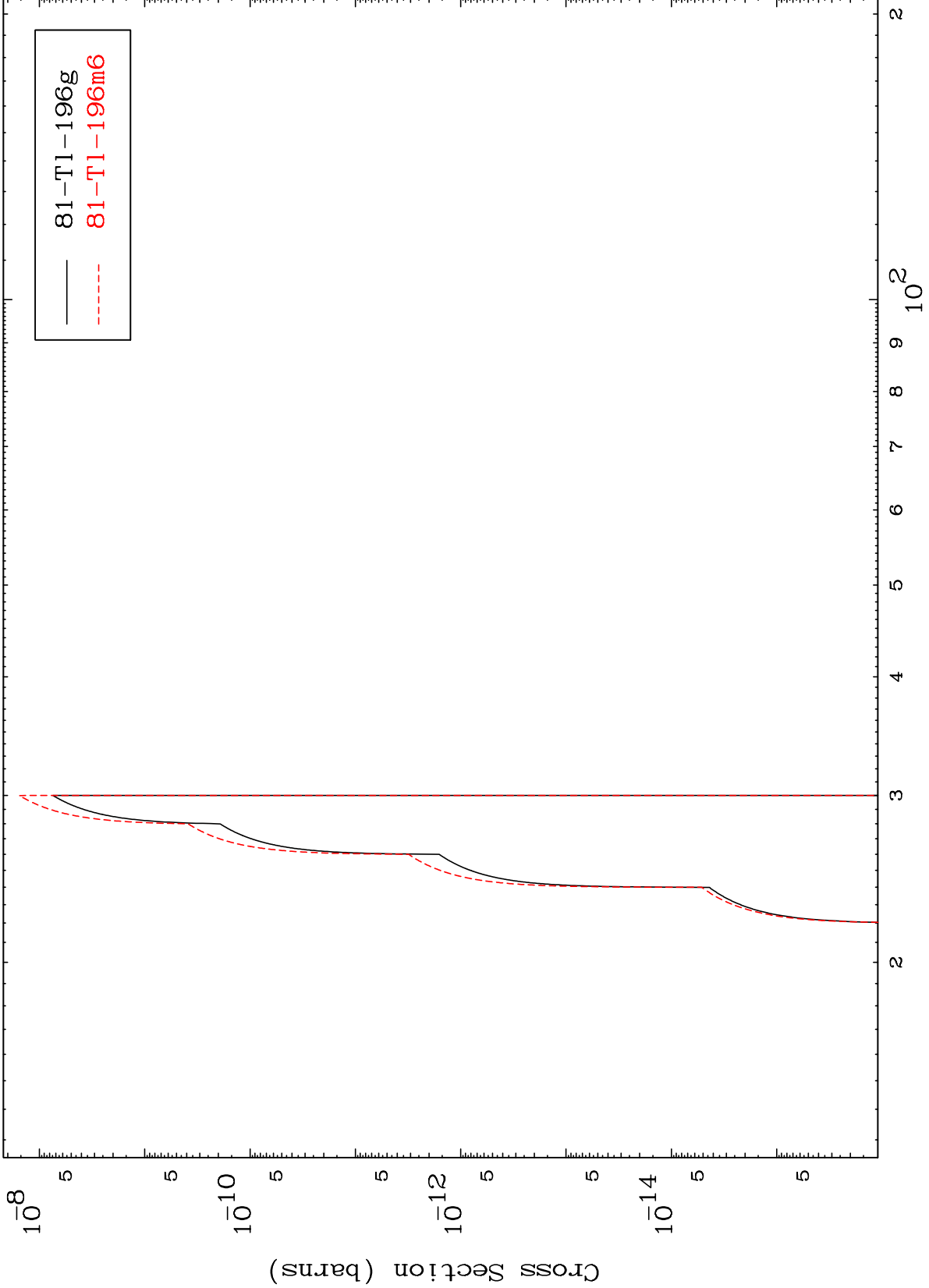
Incident Energy (MeV)

81-Tl-195m

(n,d)
Radionuclide Production Cross Section

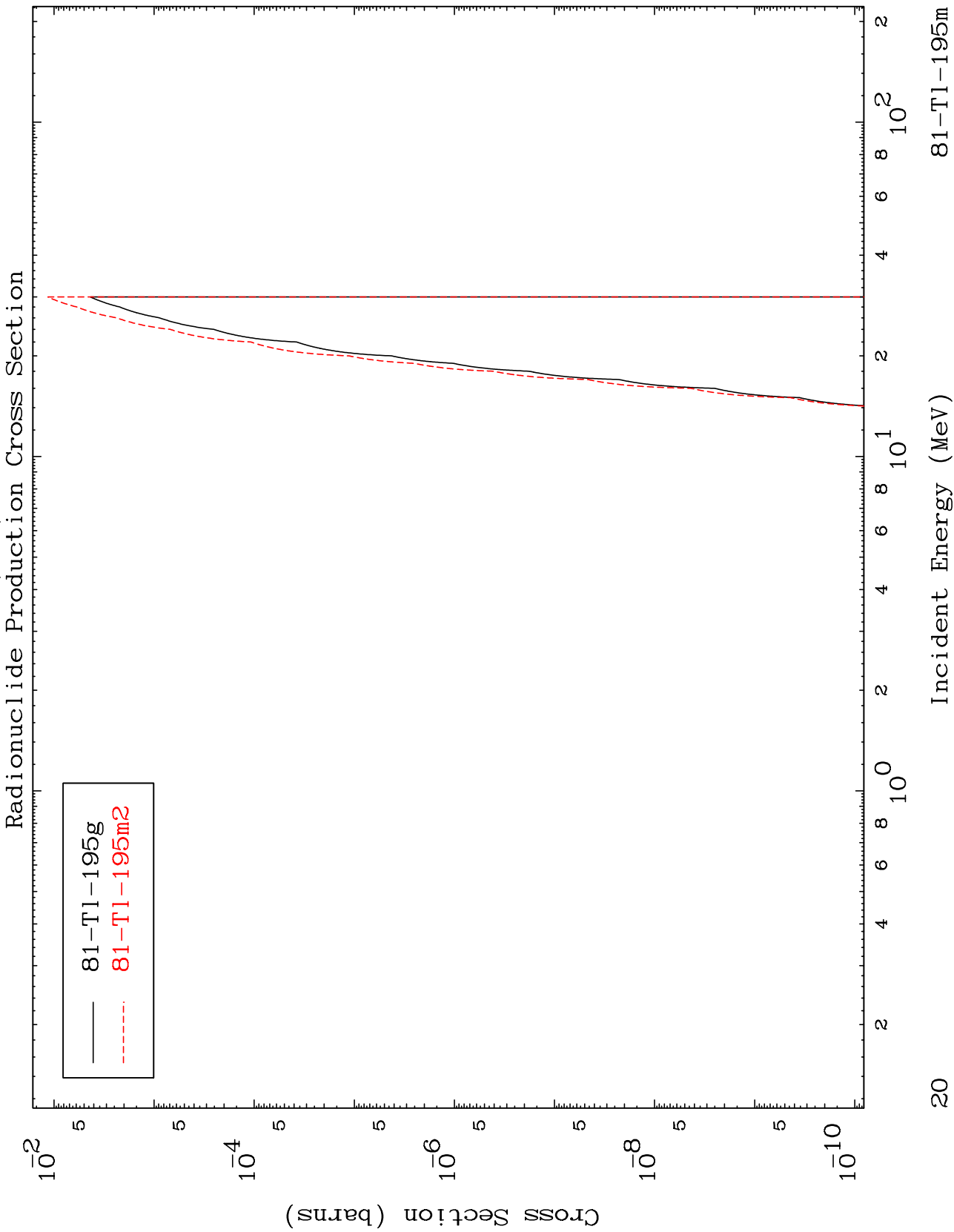


Radionuclide Production Cross Section



MAT 8102

81-Tl-195m

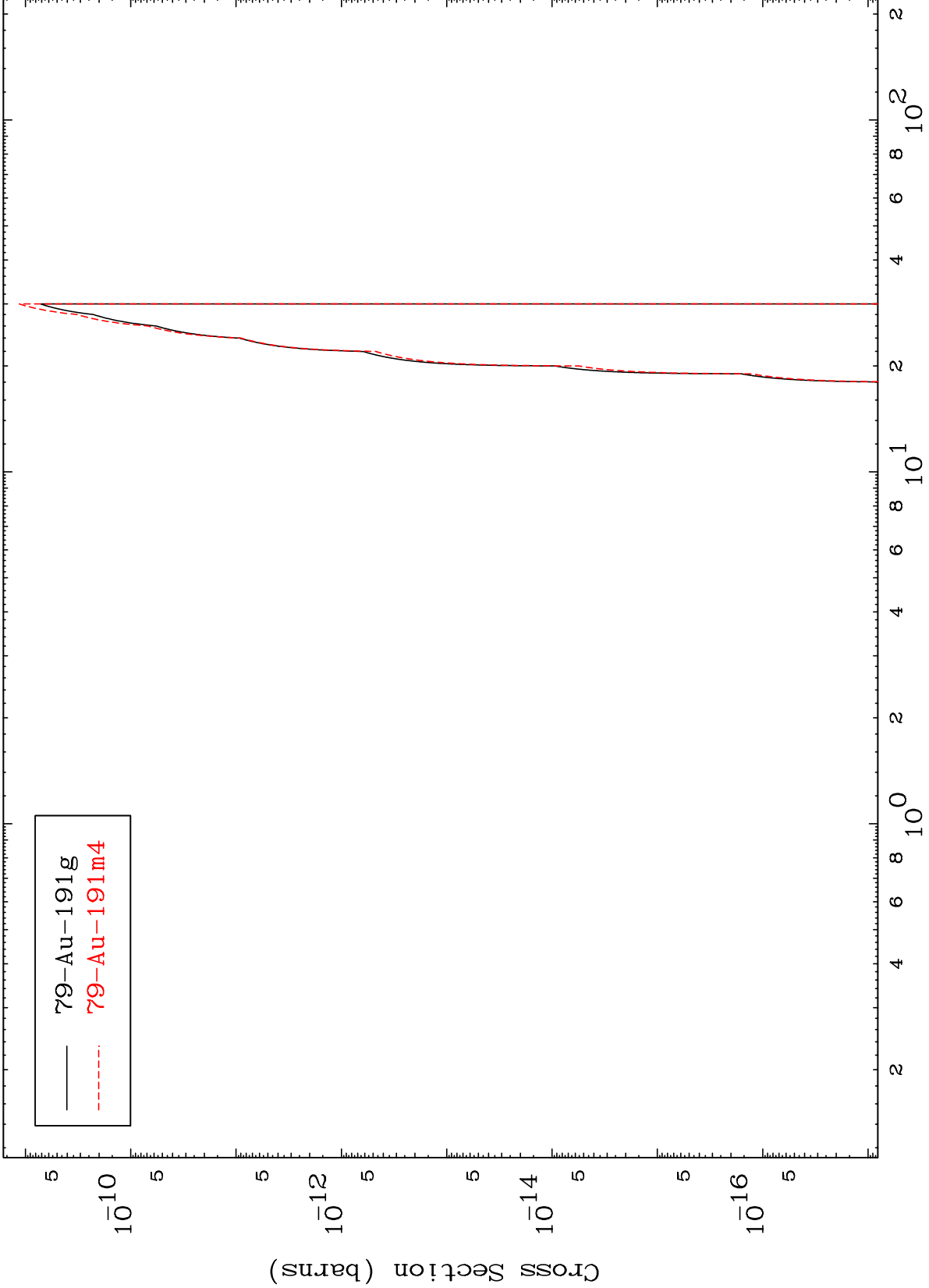


MAT 8102

(n,2α)

81-Tl-195m

Radionuclide Production Cross Section

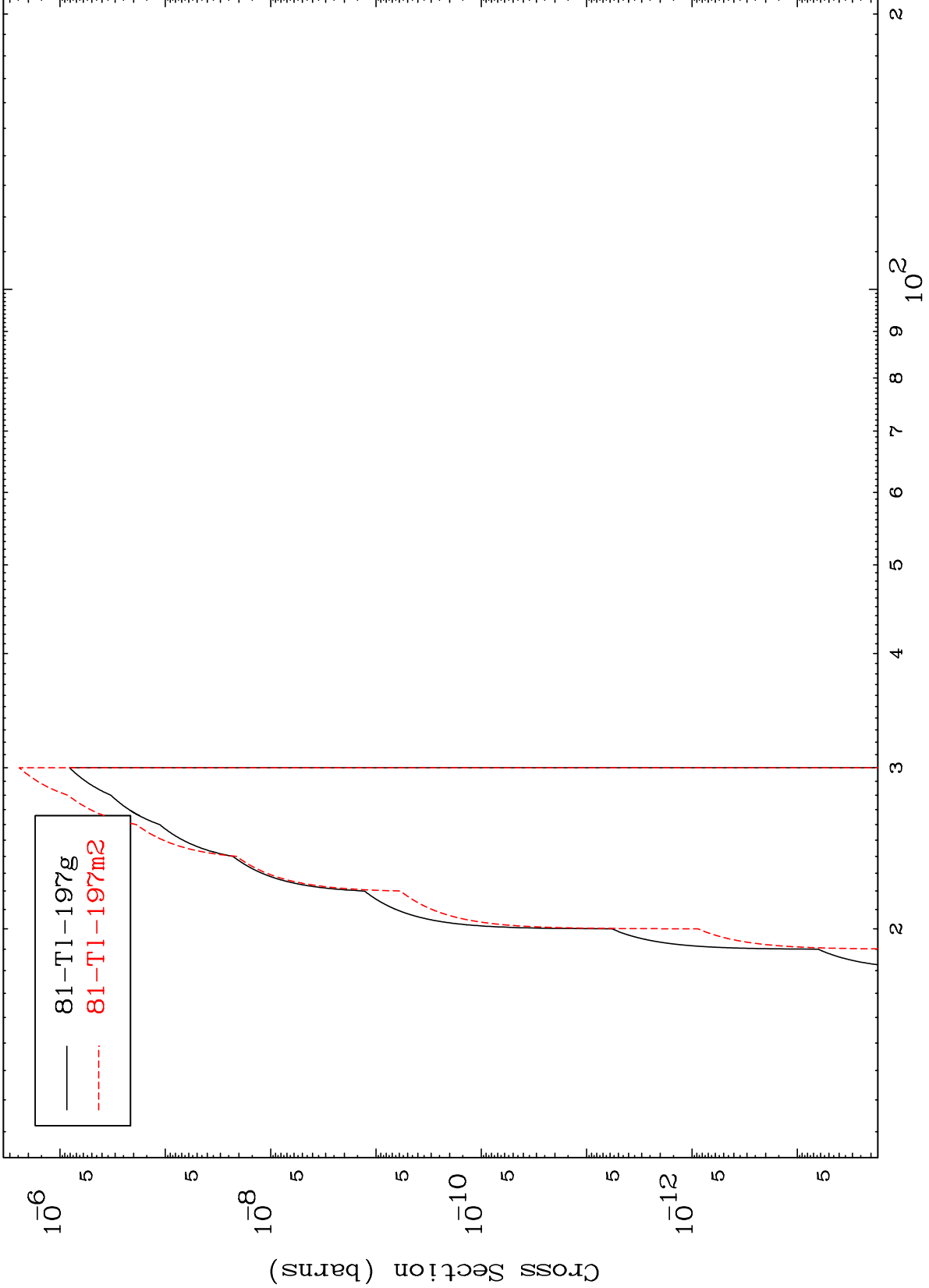


MAT 8102

(n,2p)

81-Tl-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-195m