

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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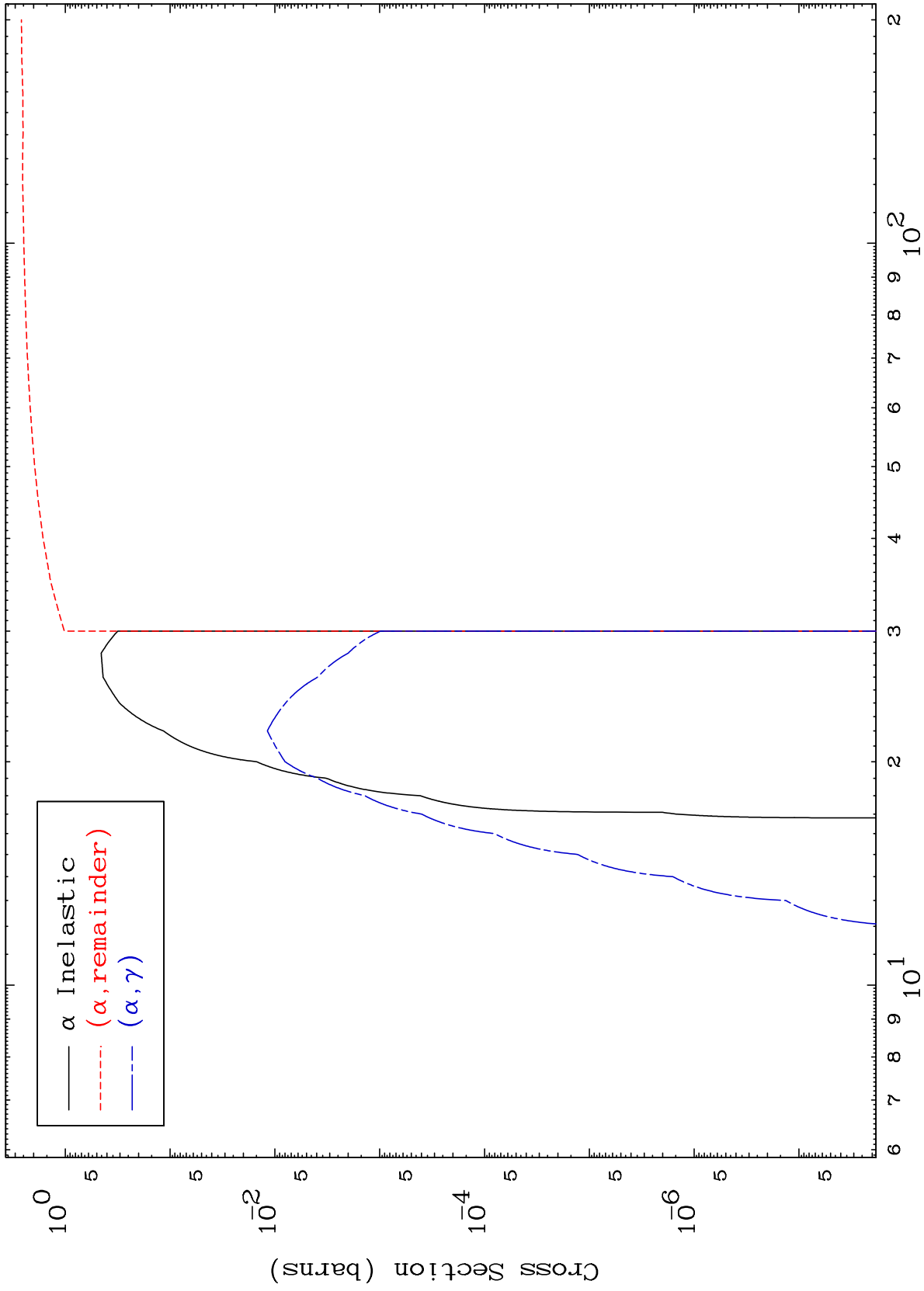
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8084

0 Kelvin α Major
Cross Sections

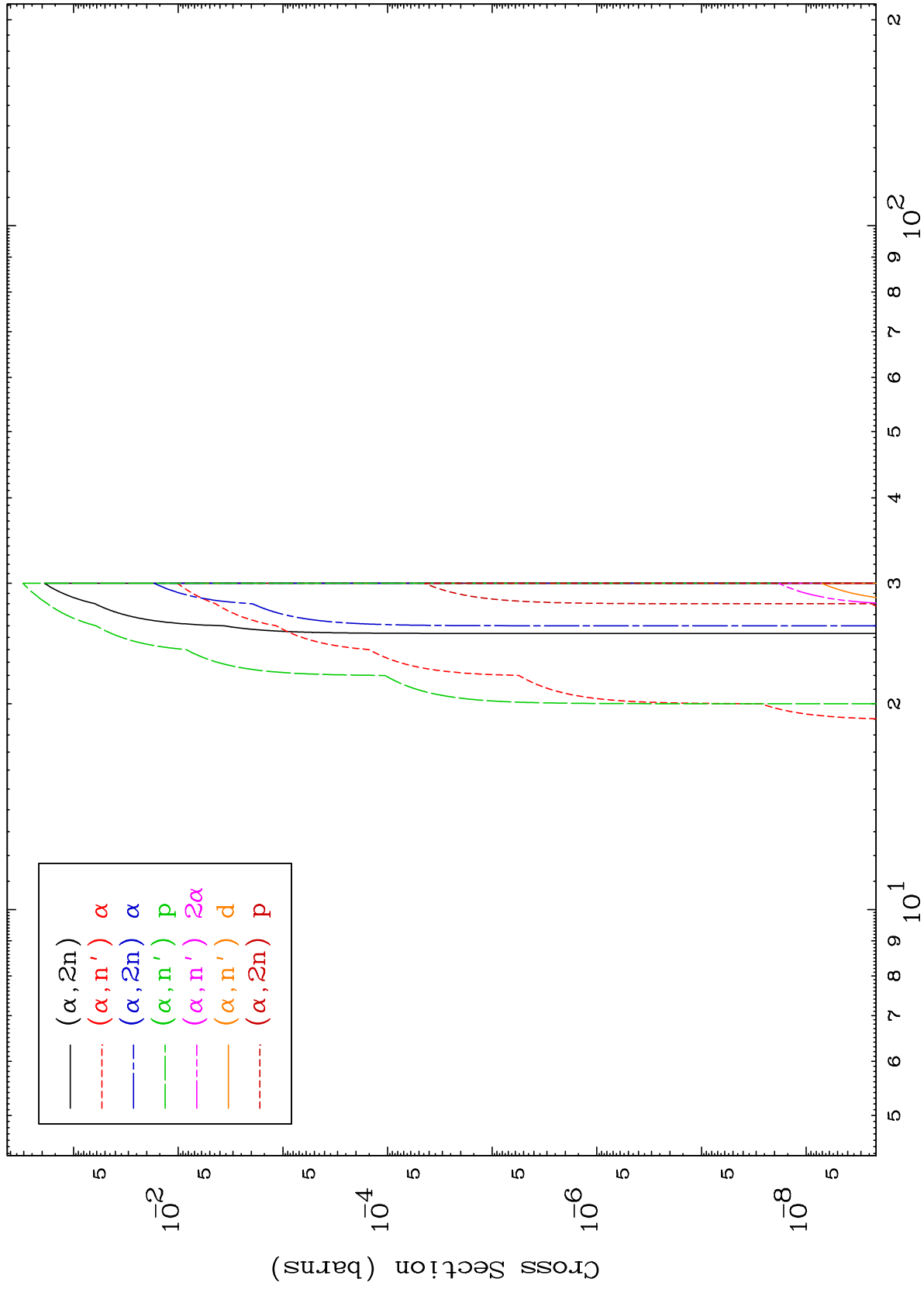
81-Tl-189

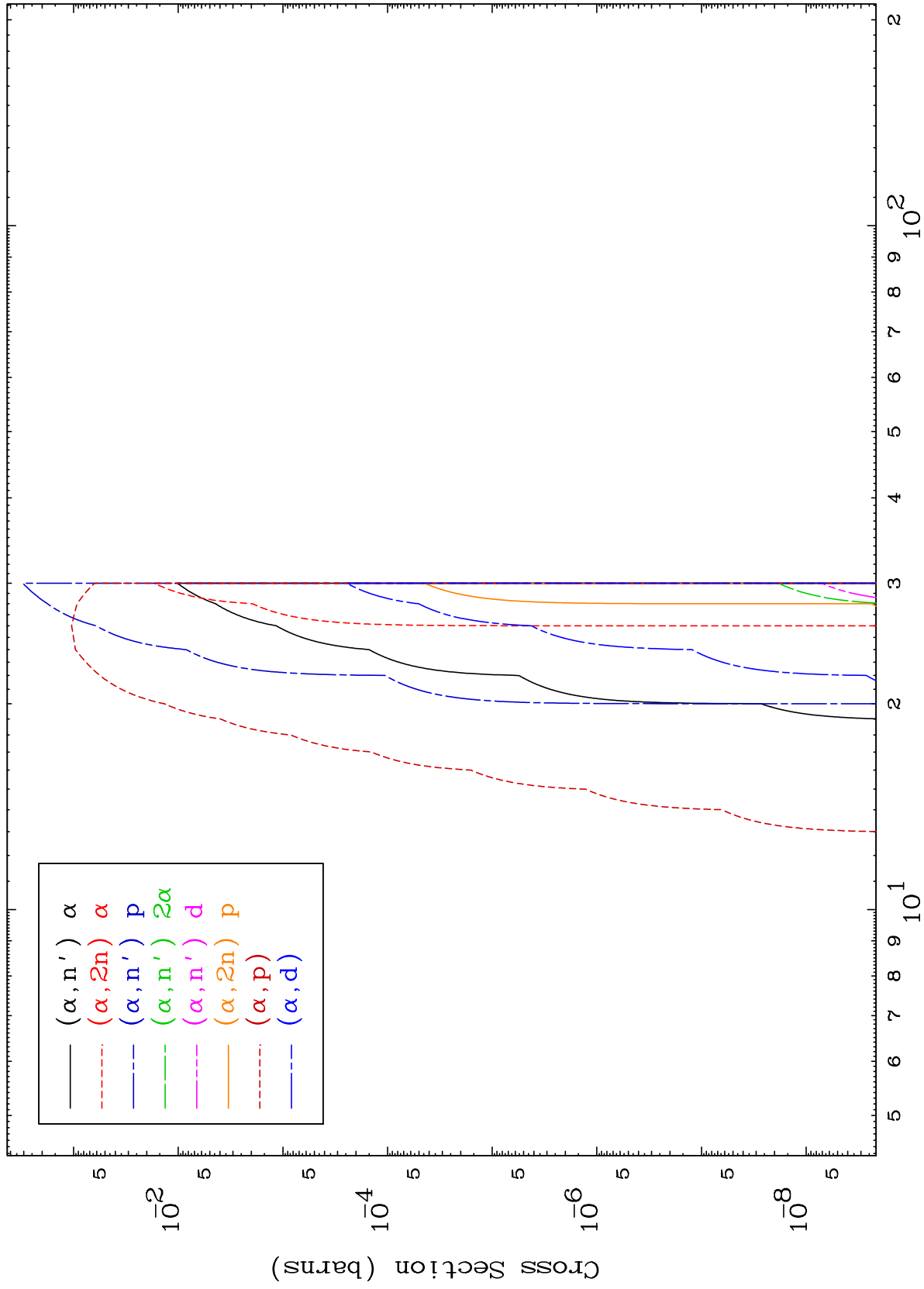


1

Incident Energy (MeV)

81-Tl-189

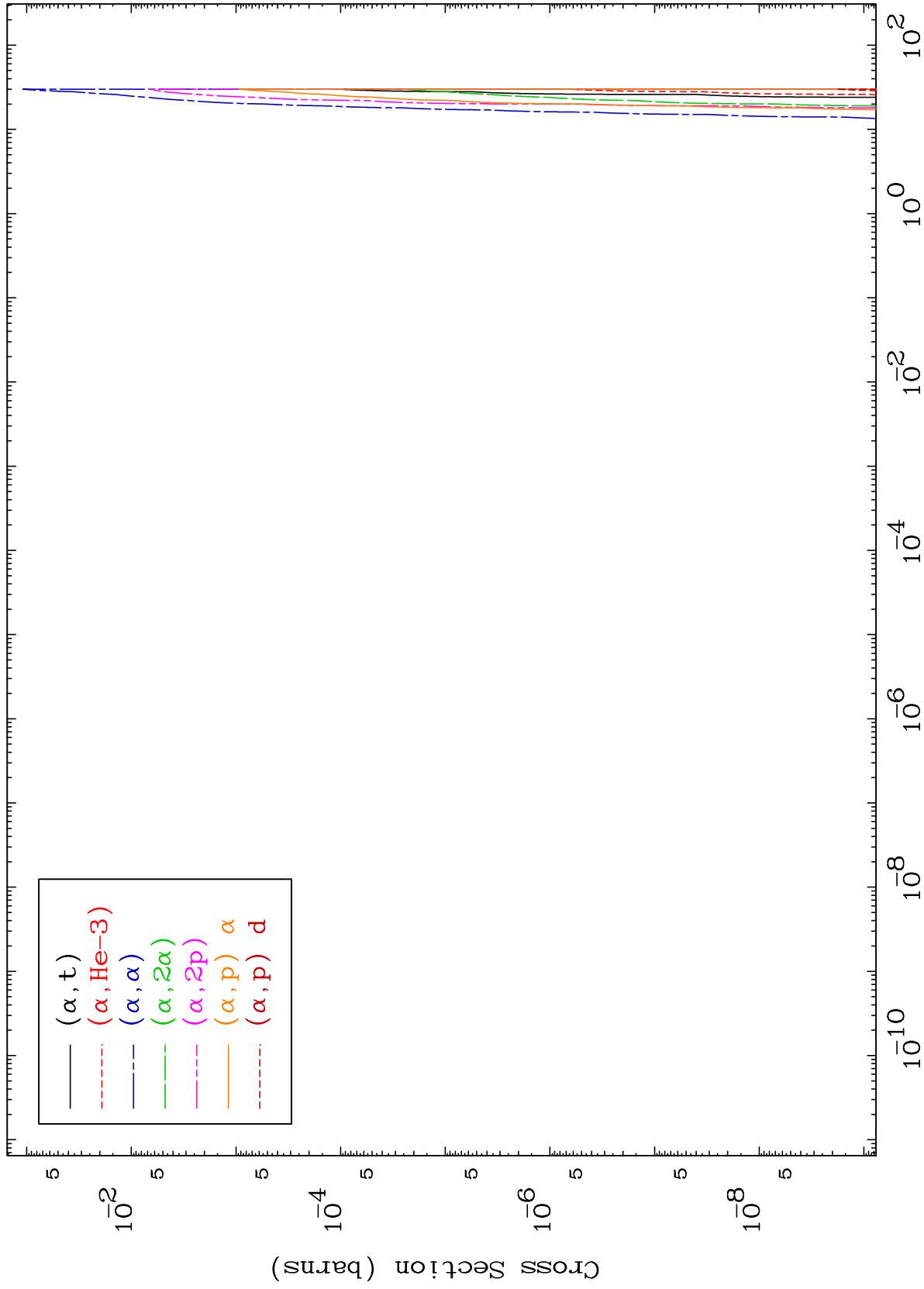




MAT 8084

α Charged Particle
0 Kelvin Cross Sections

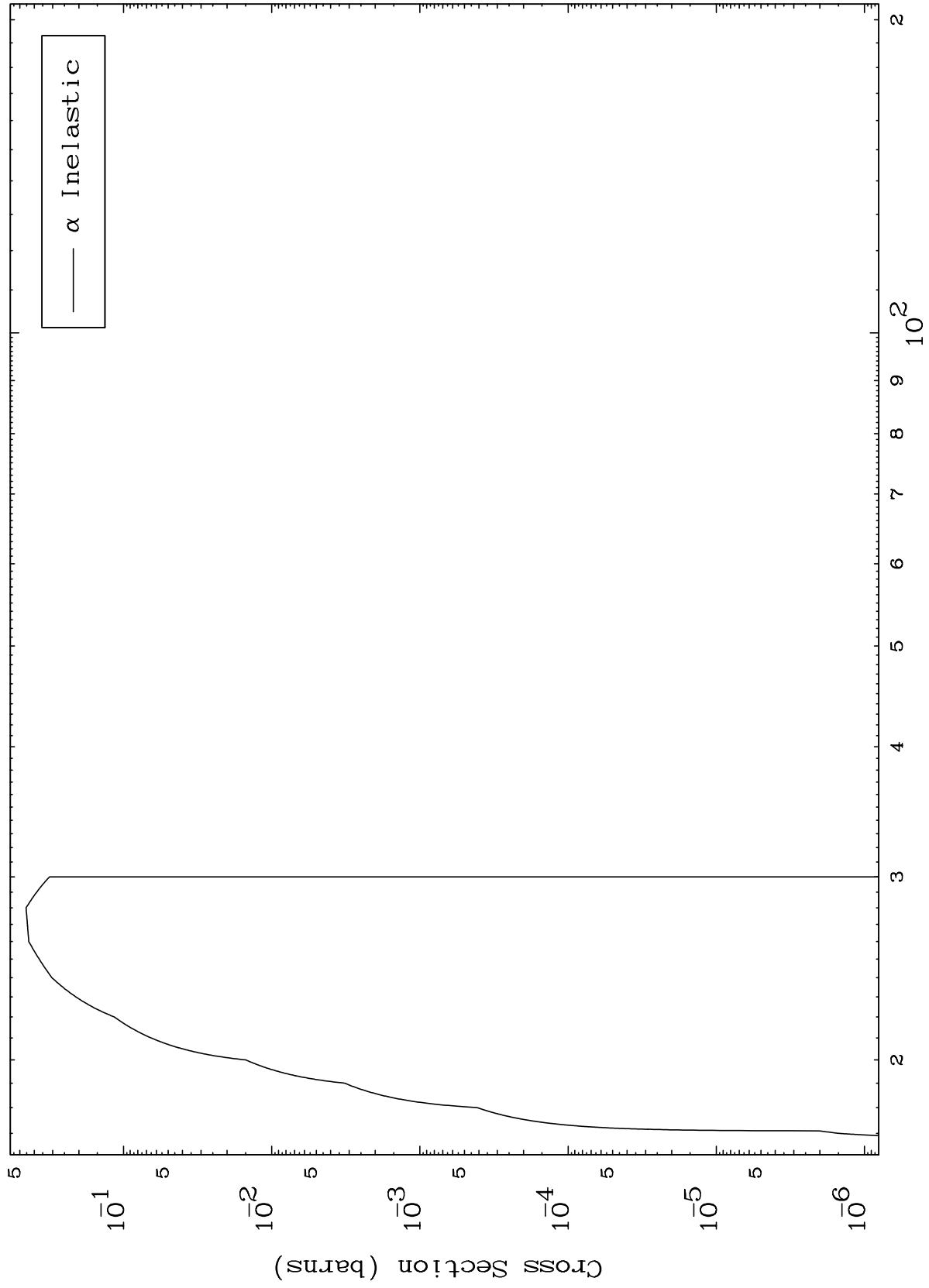
81-Tl-189



MAT 8084

(α, n') Level
0 Kelvin Cross Sections

81-Tl-189



5

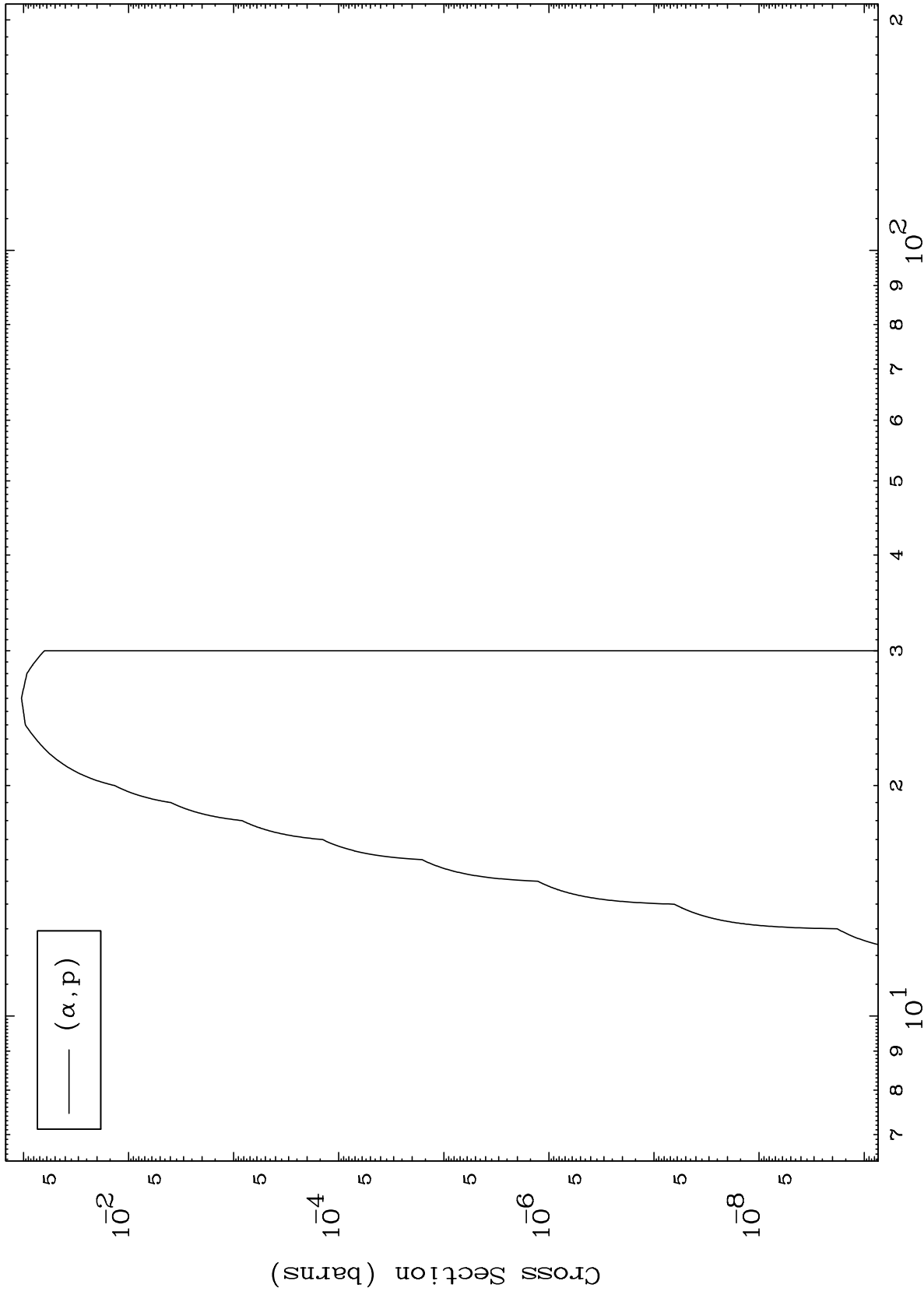
Incident Energy (MeV)

81-Tl-189

MAT 8084

(α, p) Levels
0 Kelvin Cross Sections

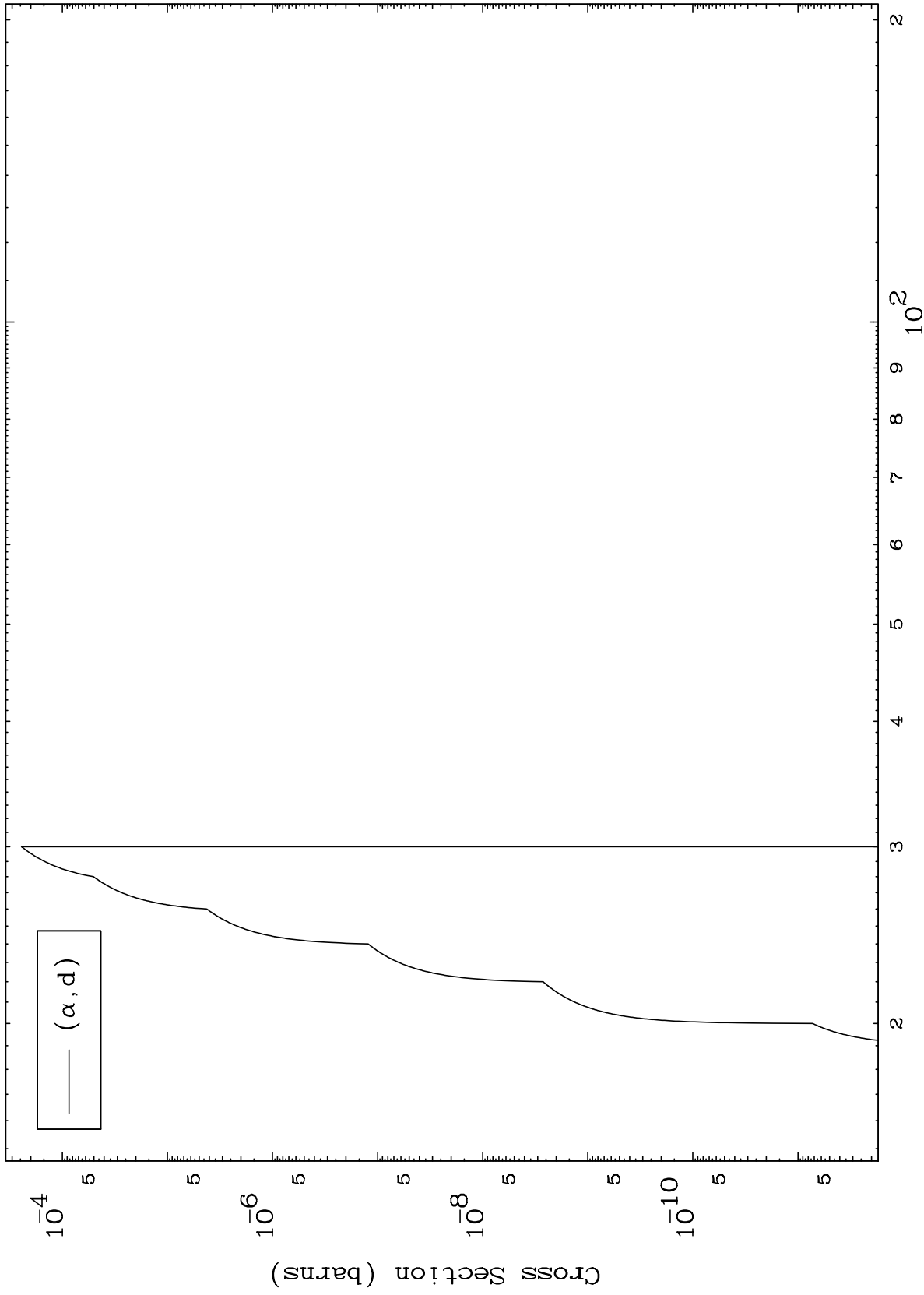
81-Tl-189



6

Incident Energy (MeV)

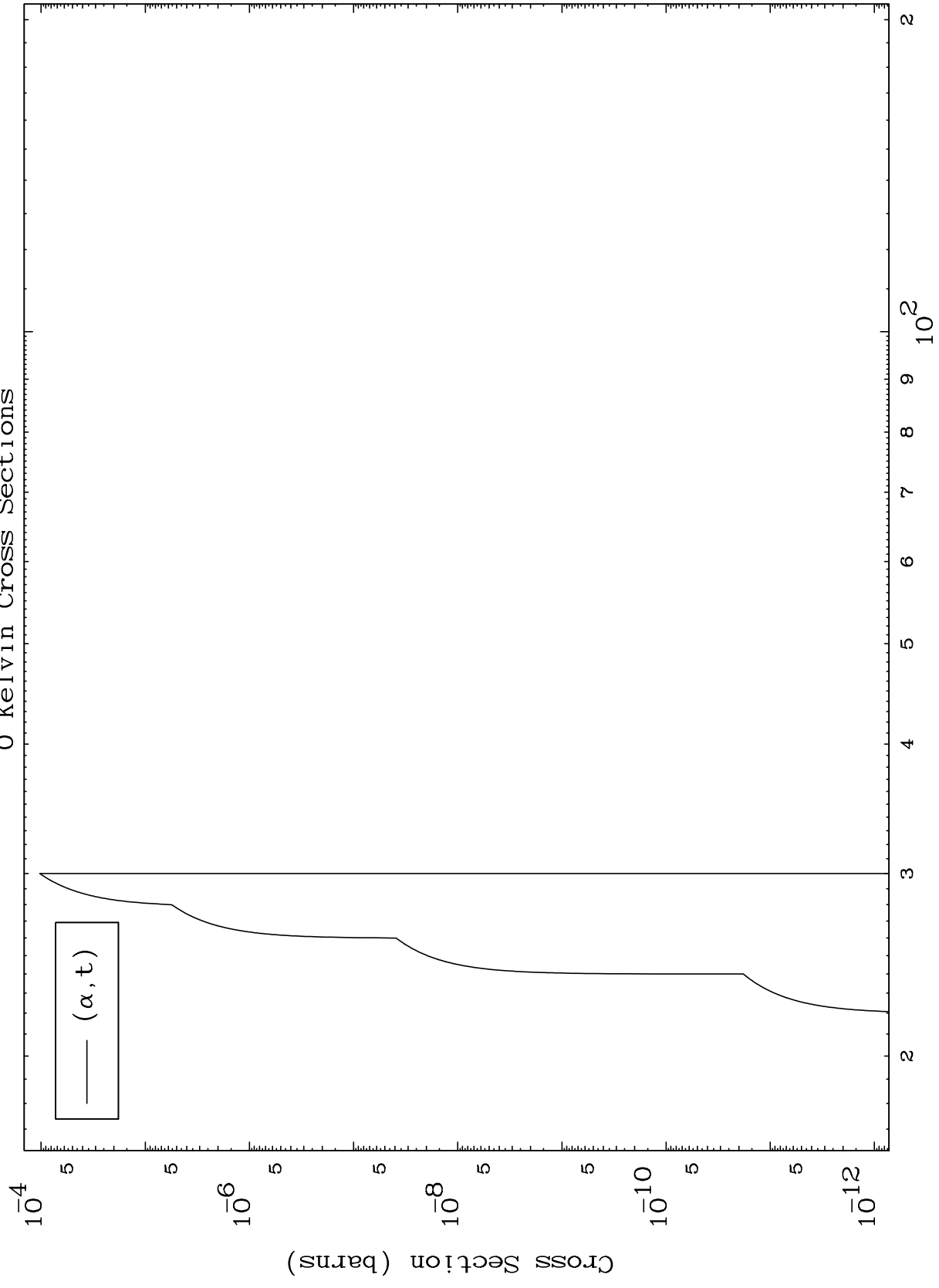
81-Tl-189



MAT 8084

(α, t) Levels
0 Kelvin Cross Sections

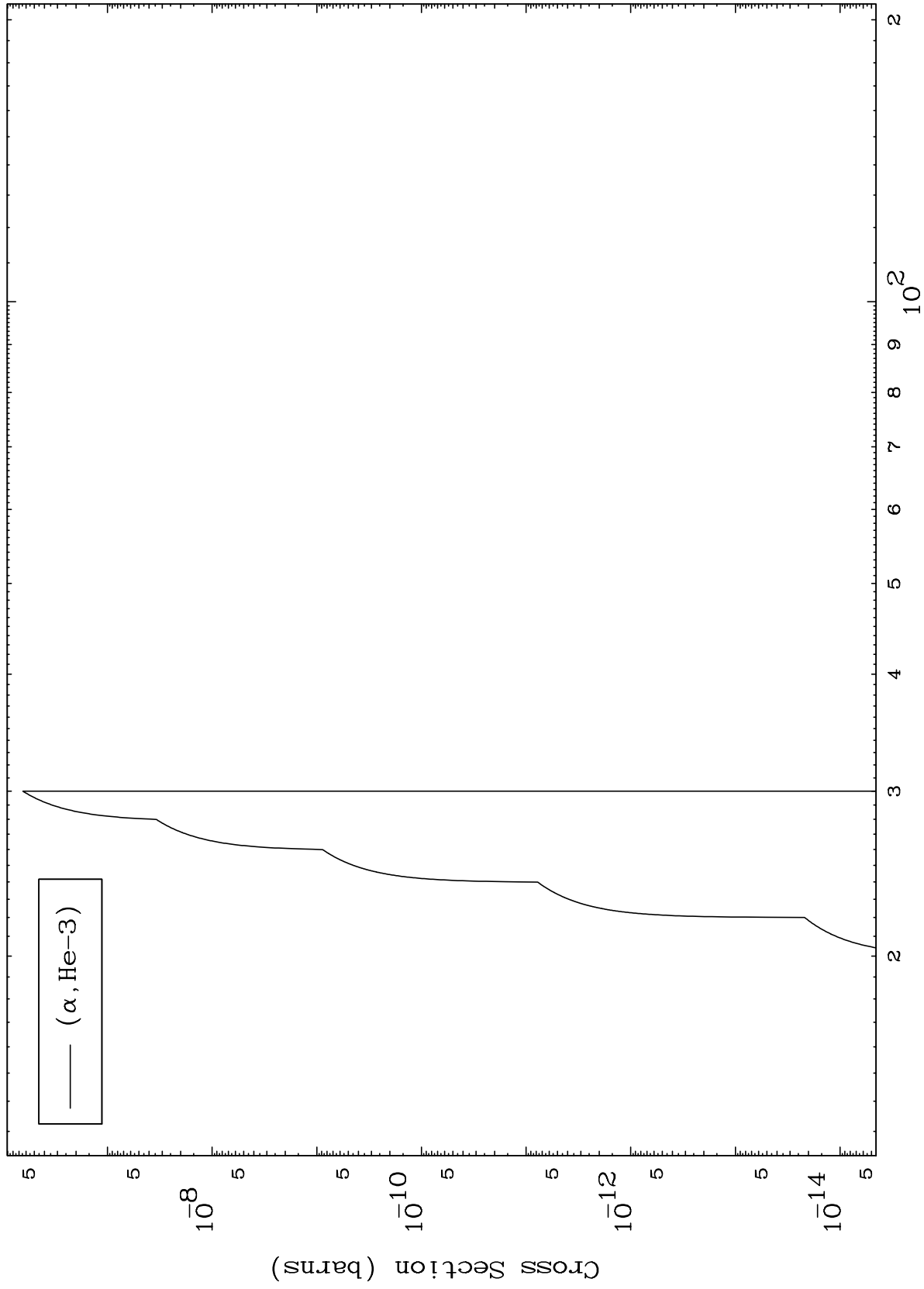
81-Tl-189



8

Incident Energy (MeV)

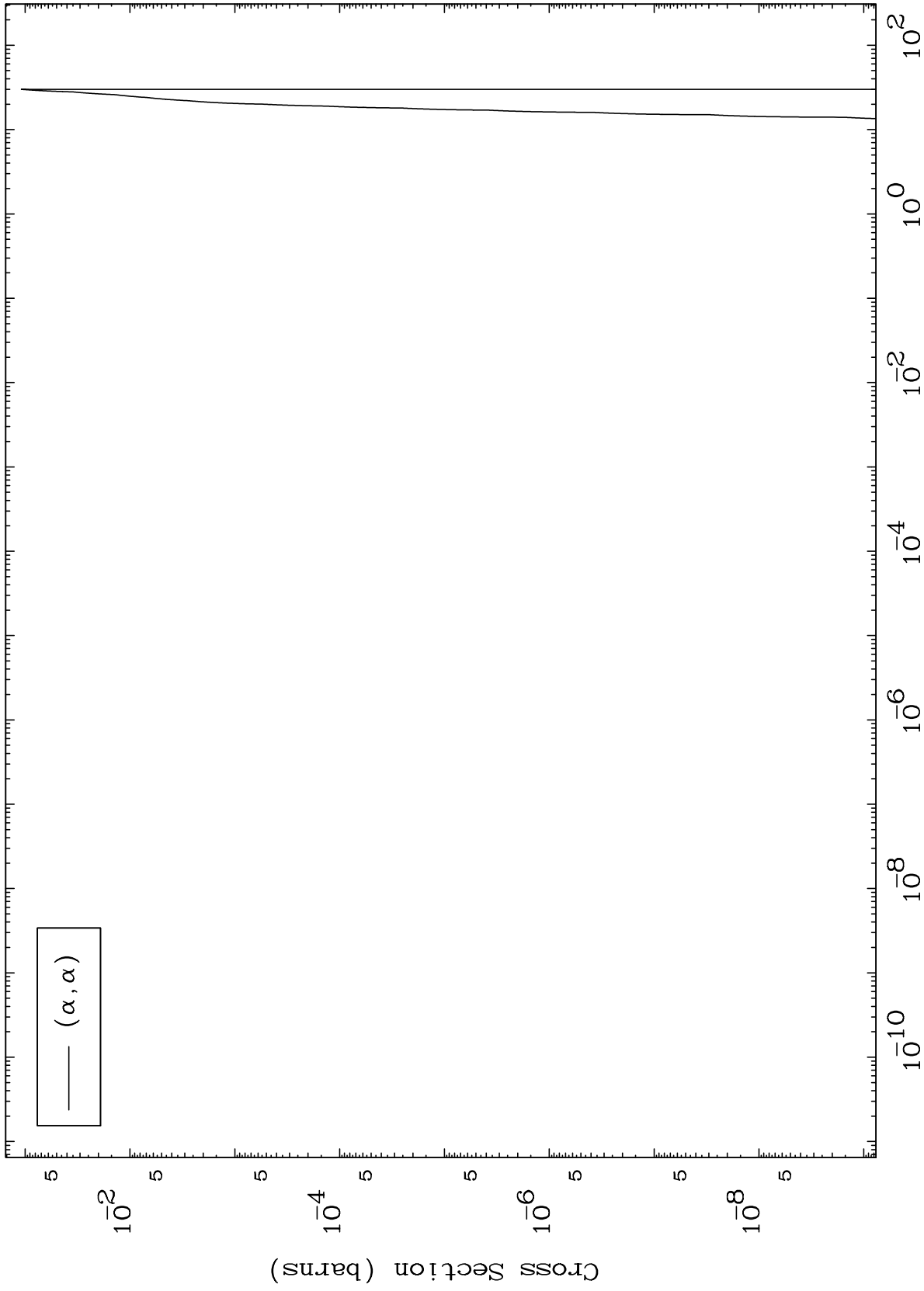
81-Tl-189



MAT 8084

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-189

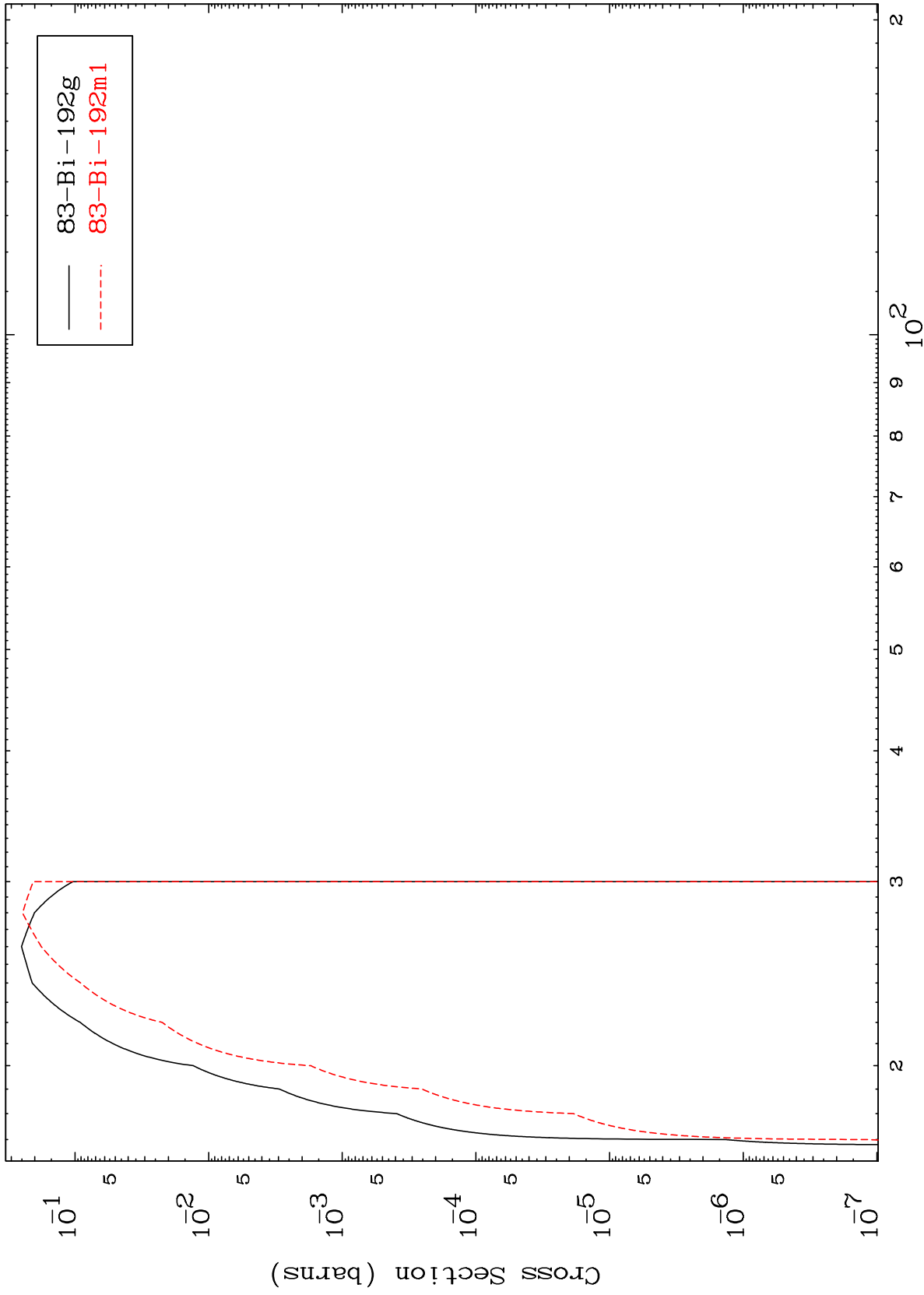


10

Incident Energy (MeV)

81-Tl-189

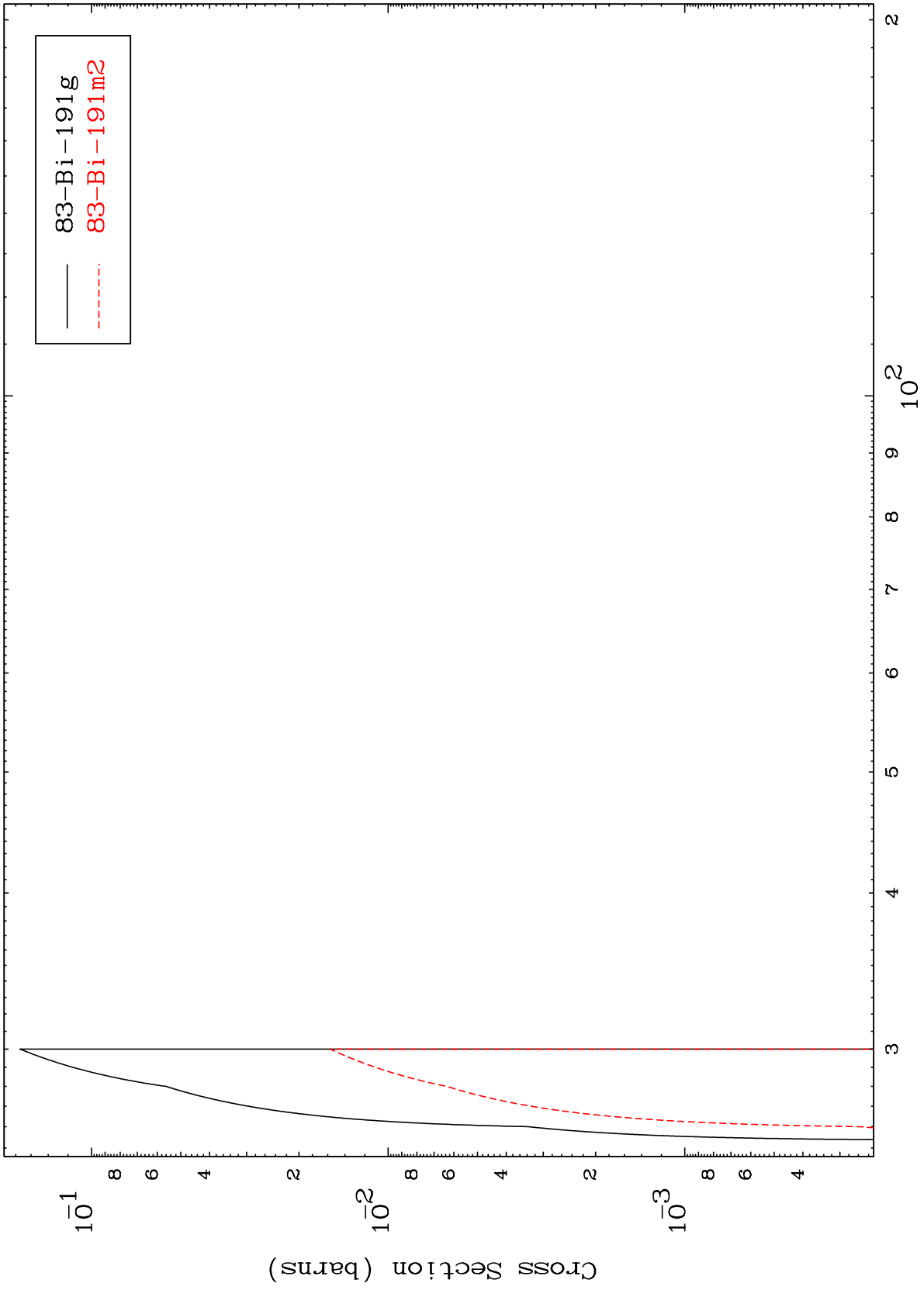
Radionuclide Production Cross Section



MAT 8084

81-T1-189

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



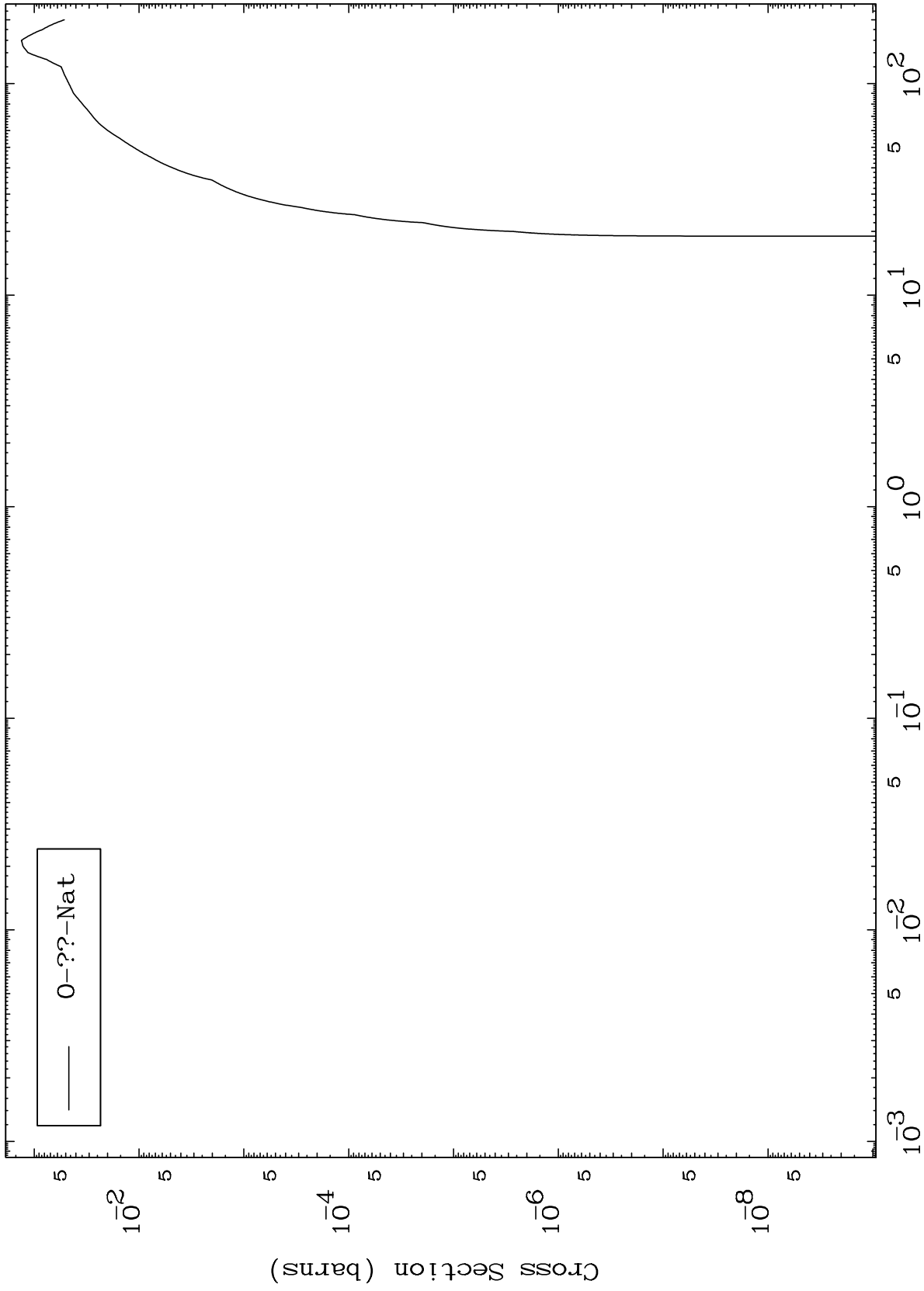
12

81-T1-189

MAT 8084

α Fission
Radionuclide Production Cross Section

81-Tl-189



13

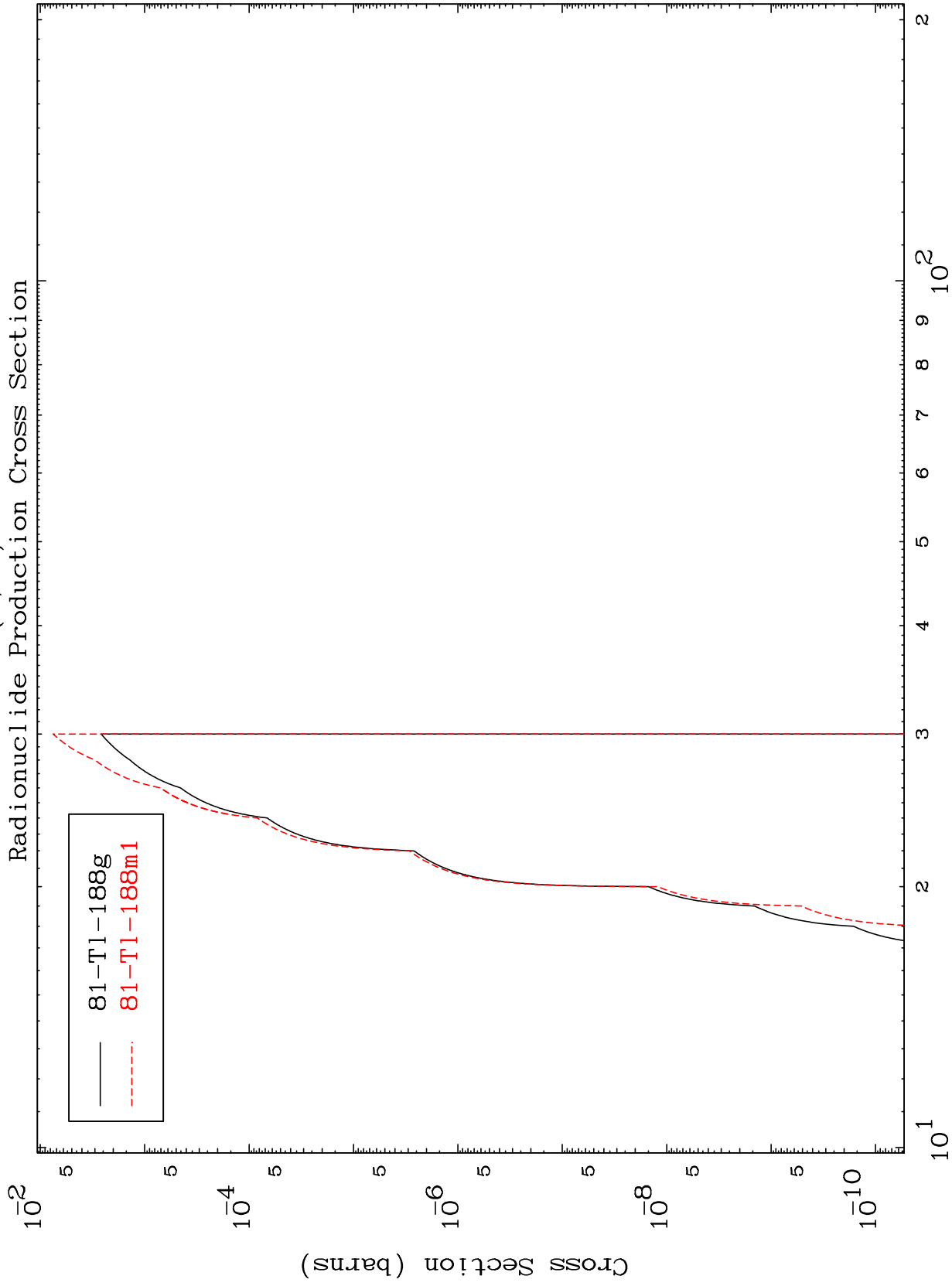
Incident Energy (MeV)

81-Tl-189

MAT 8084

(α, n') α

81-Tl-189



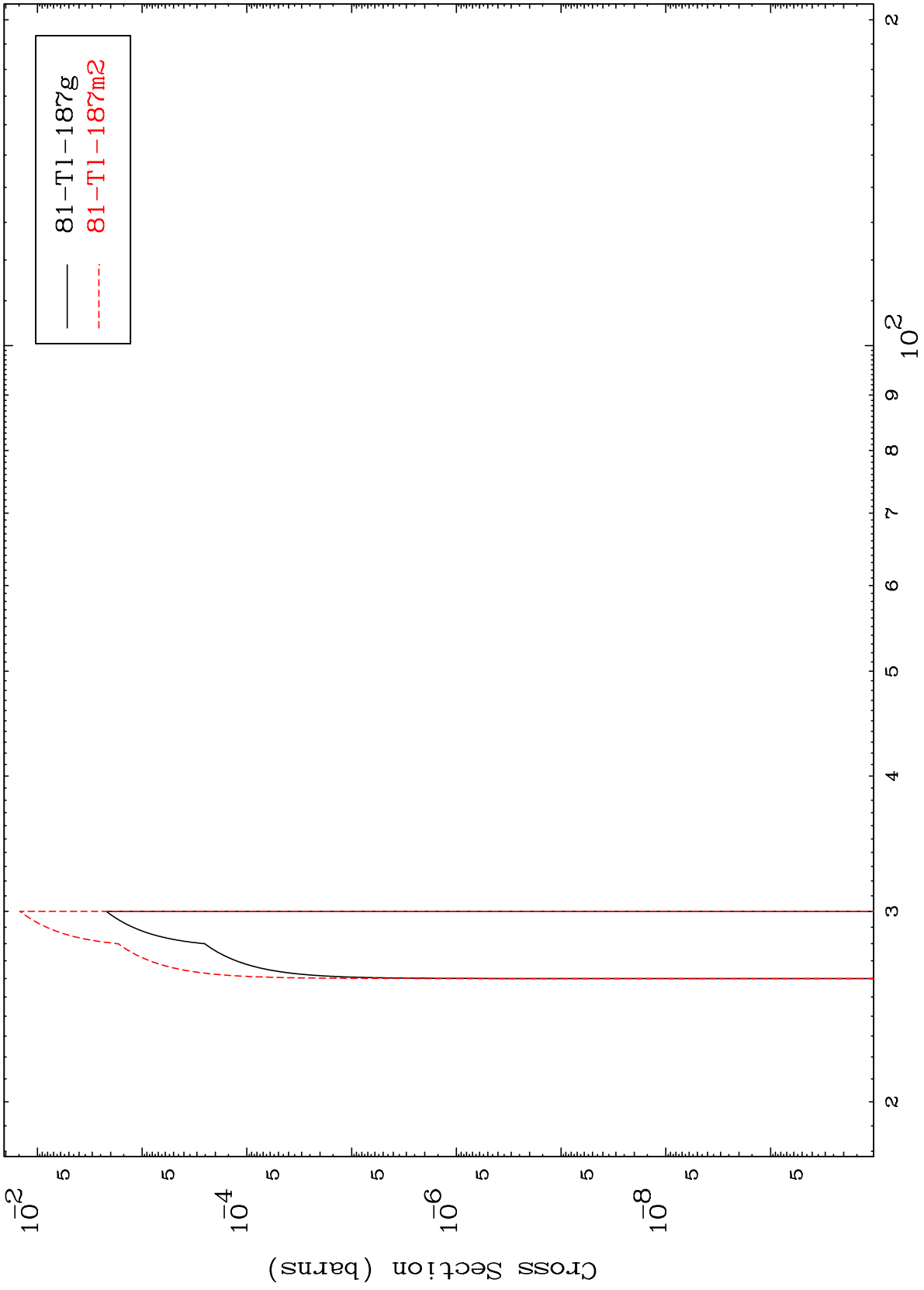
81-Tl-188g
81-Tl-188m1

MAT 8084

($\alpha, 2n$) α

81-Tl-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

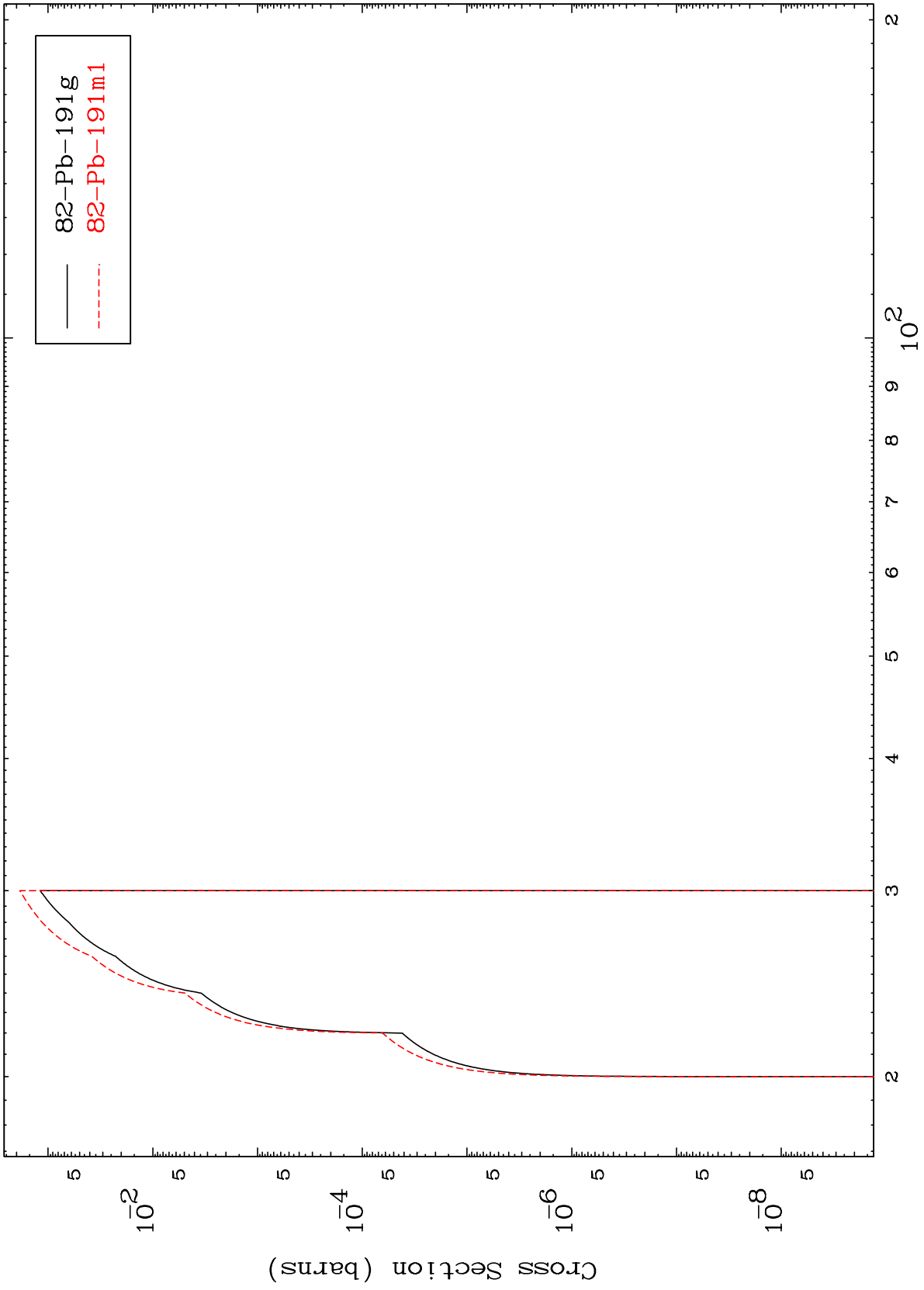
81-Tl-189

MAT 8084

(α, n') p

81-Tl-189

Radionuclide Production Cross Section



16

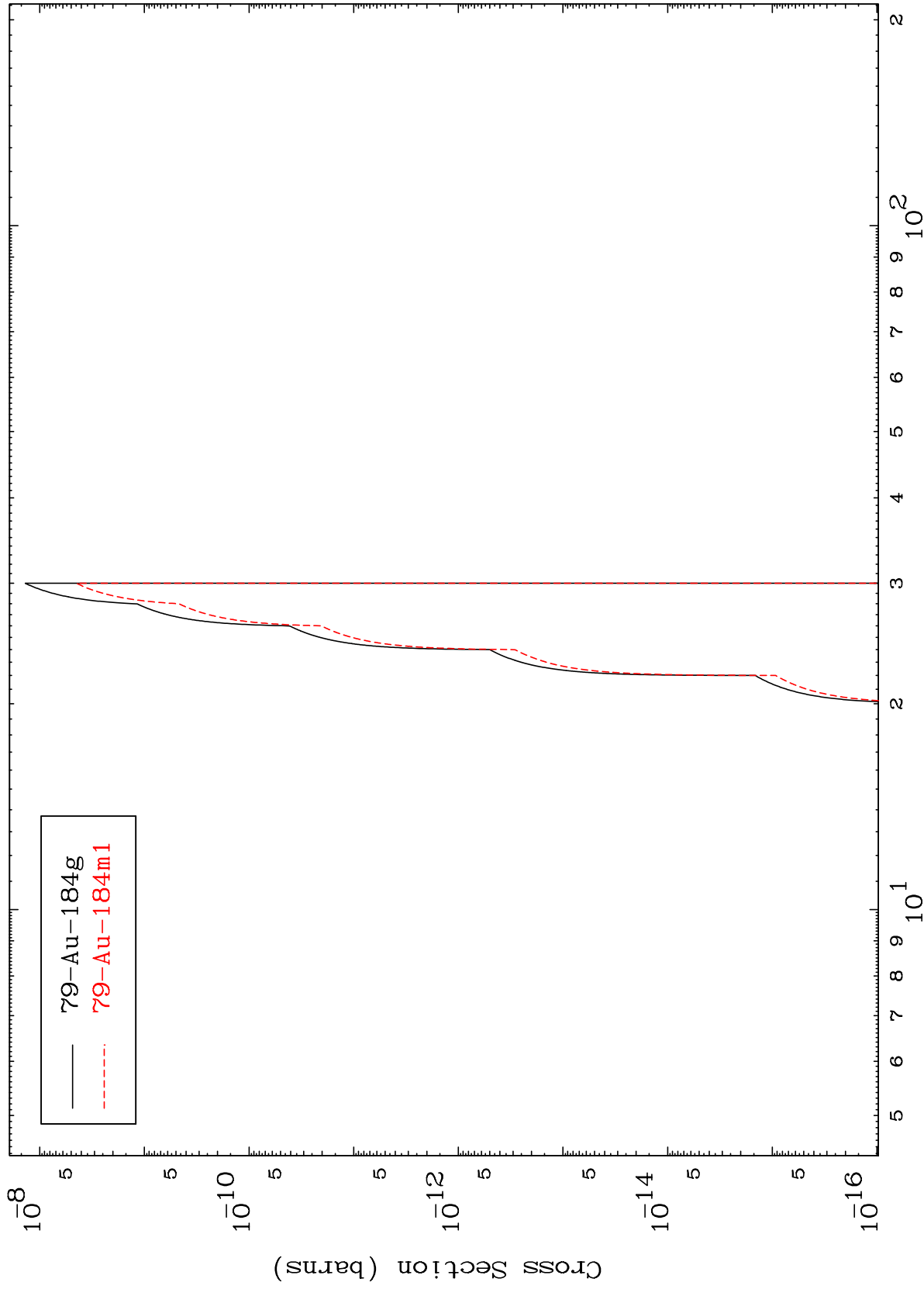
Incident Energy (MeV)

81-Tl-189

MAT 8084

81-Tl-189

(α, n') 2α
Radionuclide Production Cross Section



17

Incident Energy (MeV)

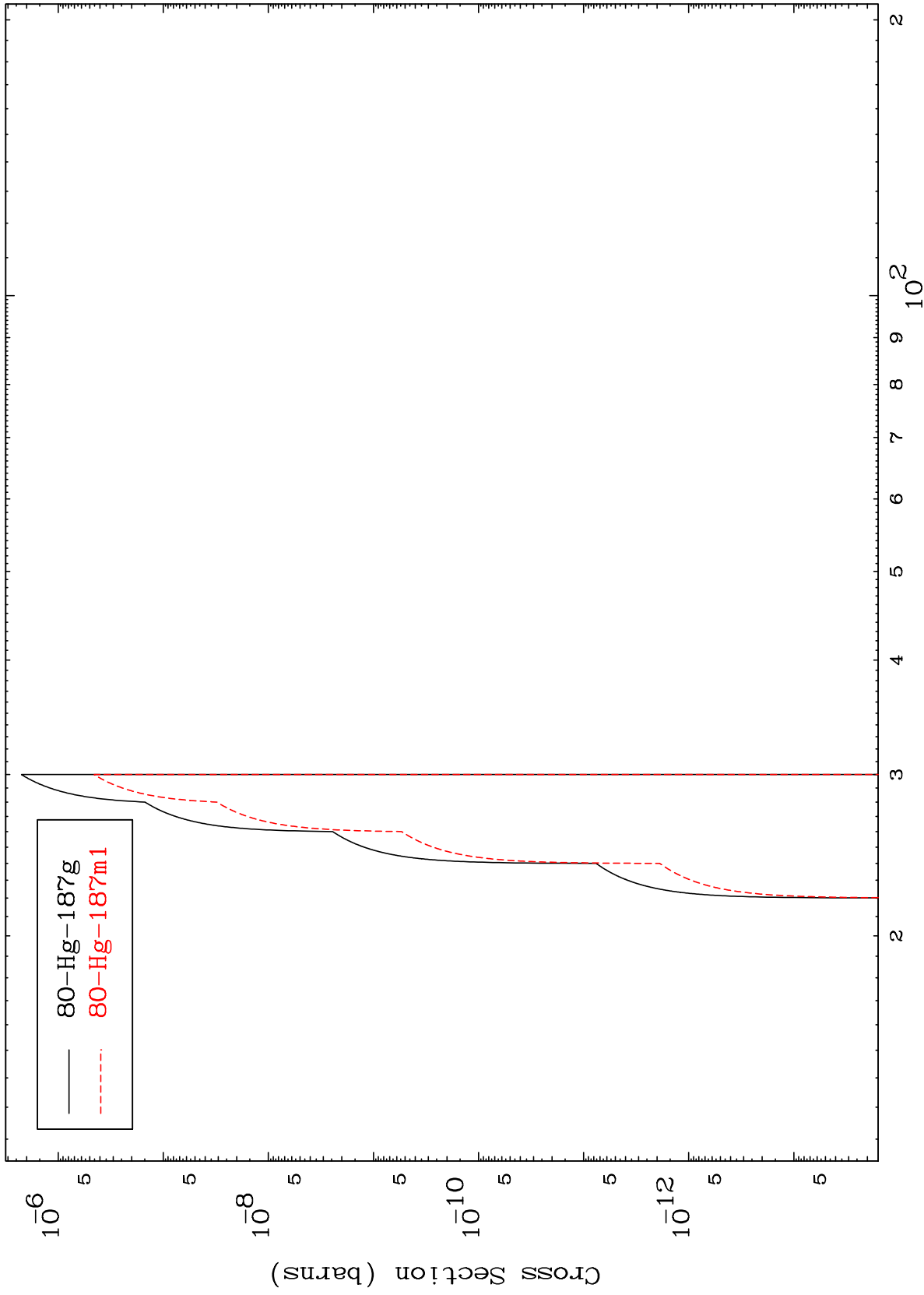
81-Tl-189

MAT 8084

(α, n') p α

81-Tl-189

Radionuclide Production Cross Section

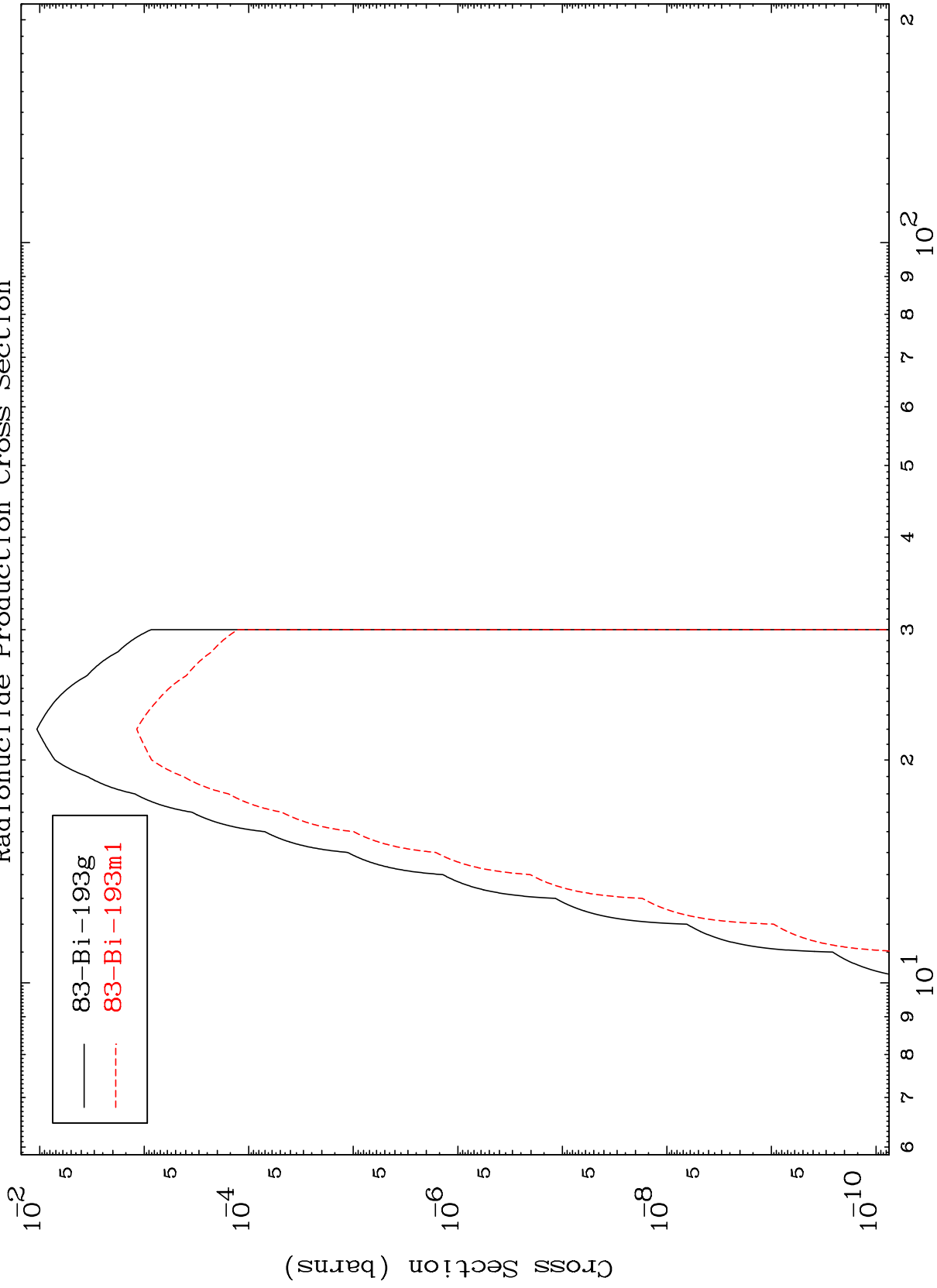


80-Hg-187g
80-Hg-187m1

MAT 8084

81-Tl-189

Radionuclide Production Cross Section
(α, γ)



19

Incident Energy (MeV)

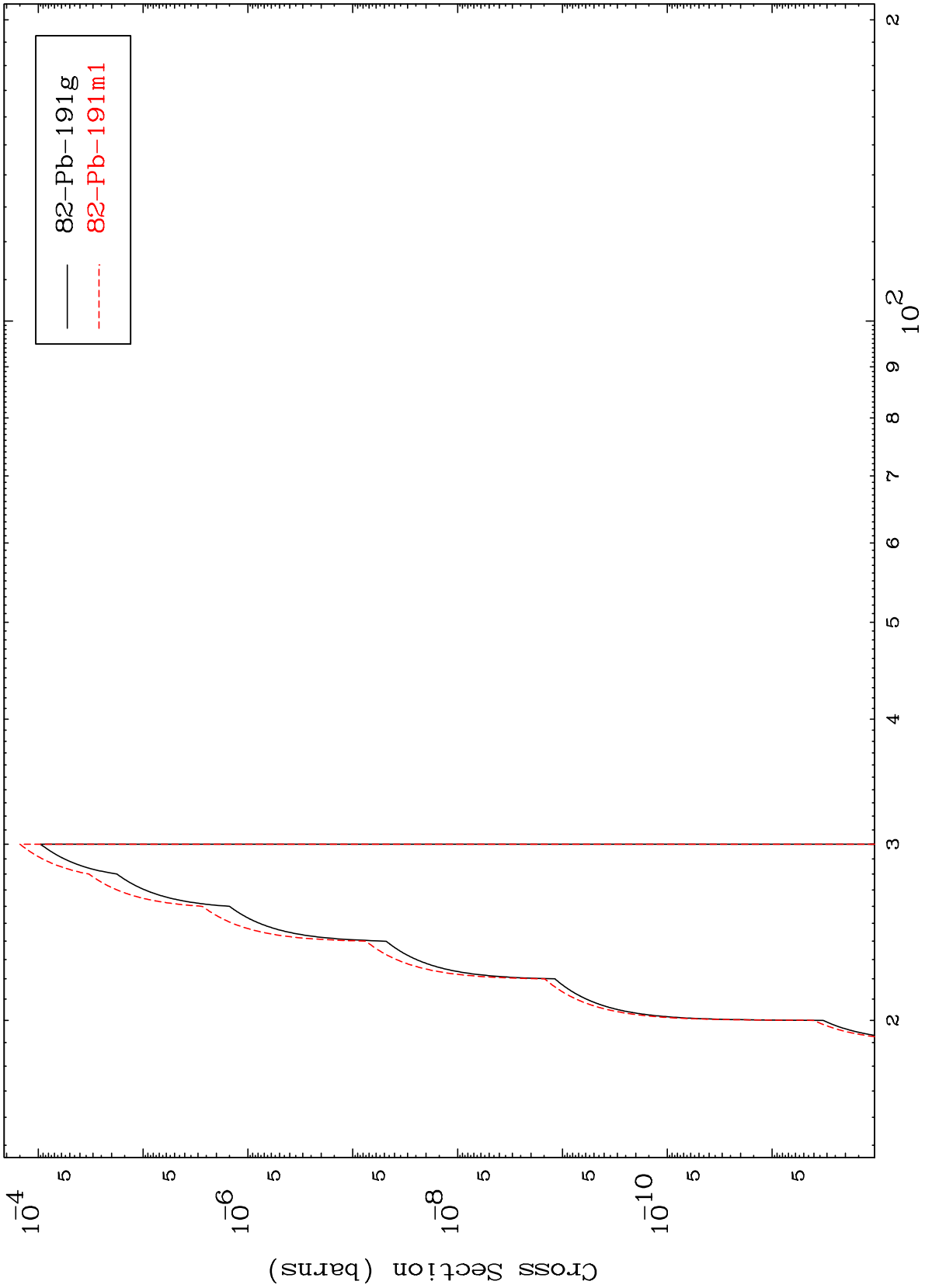
81-Tl-189

MAT 8084

(α, d)

81-Tl-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

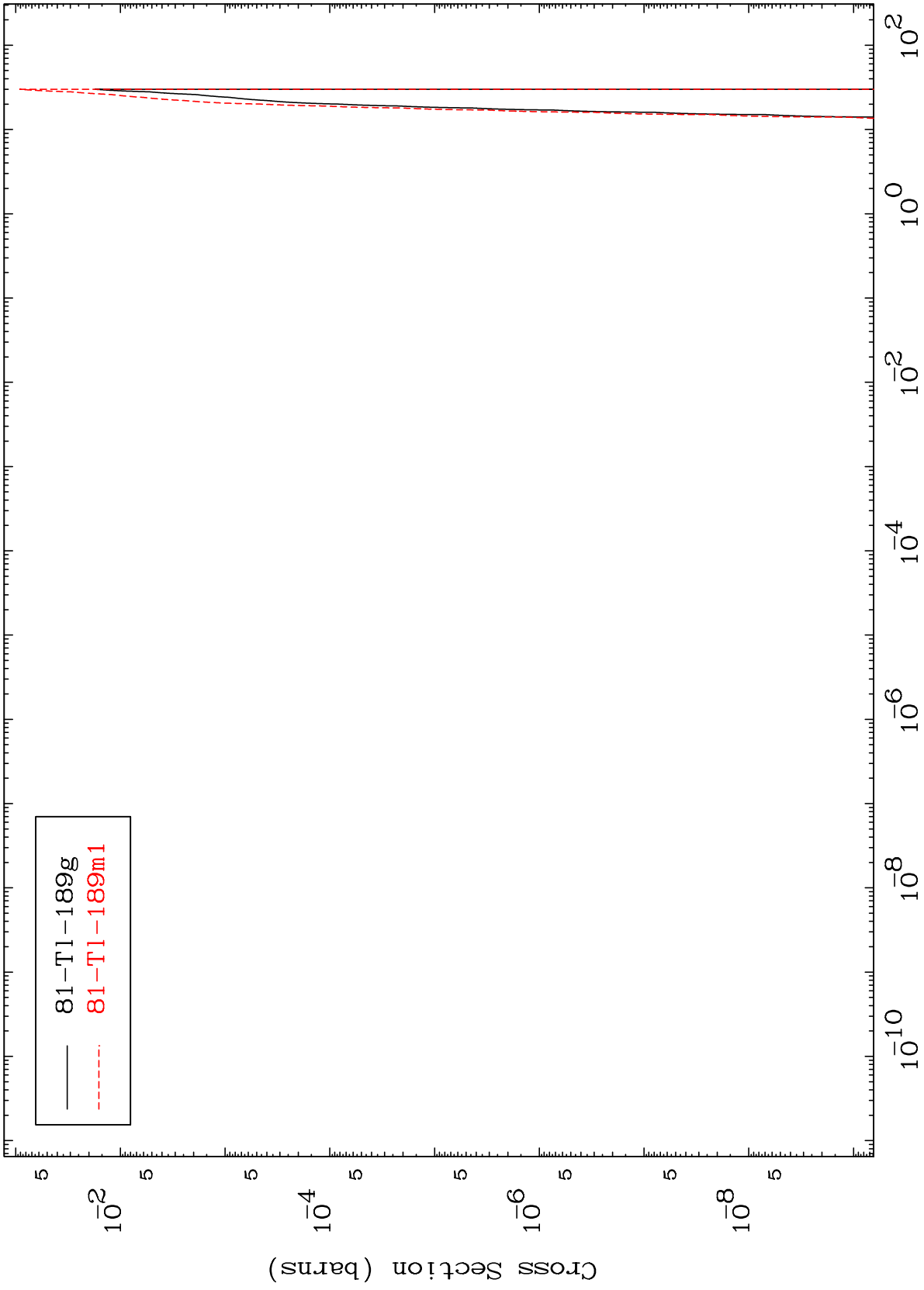
81-Tl-189

MAT 8084

(α, α)

81-Tl-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

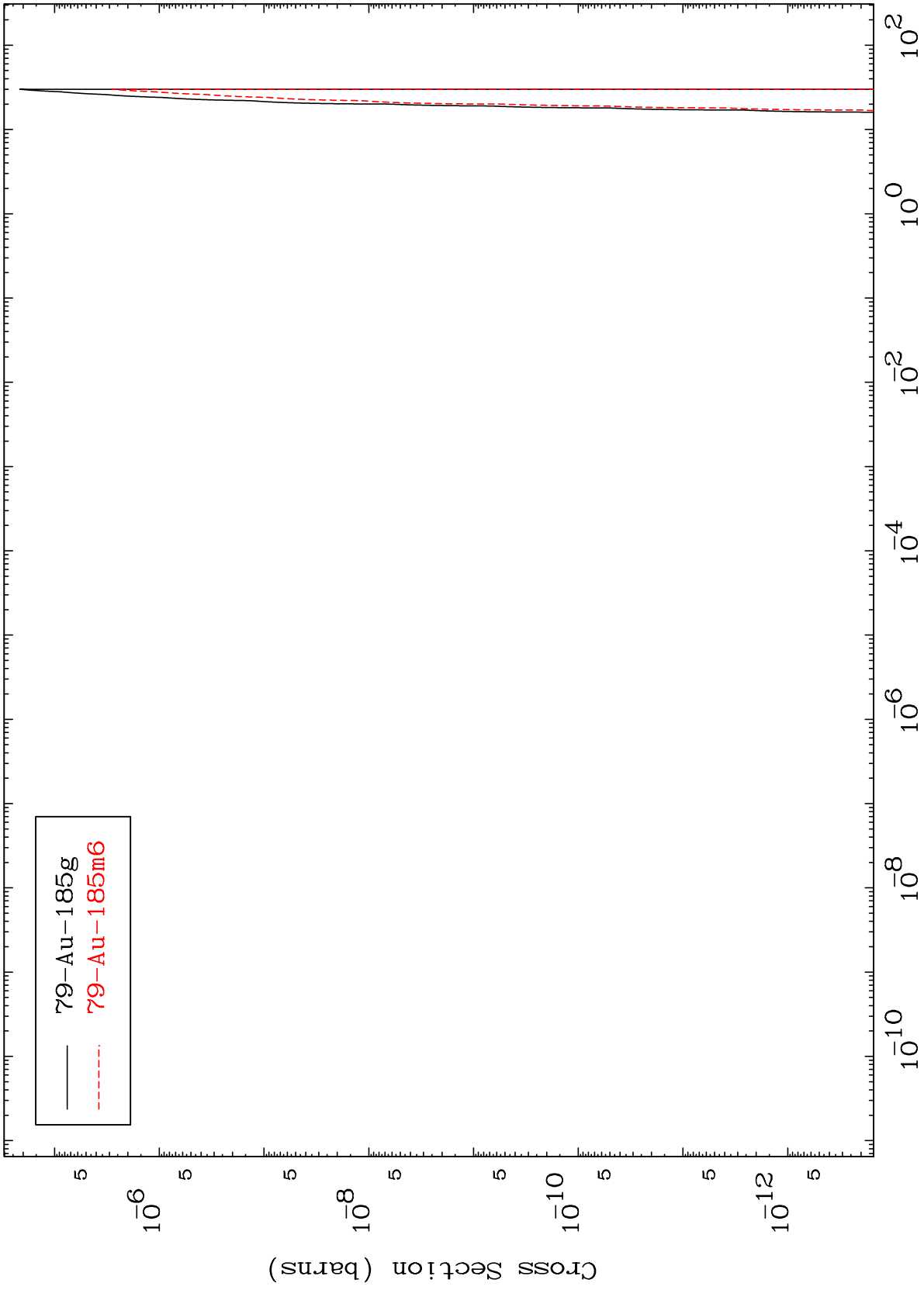
81-Tl-189

MAT 8084

($\alpha, 2\alpha$)

81-Tl-189

Radionuclide Production Cross Section



22

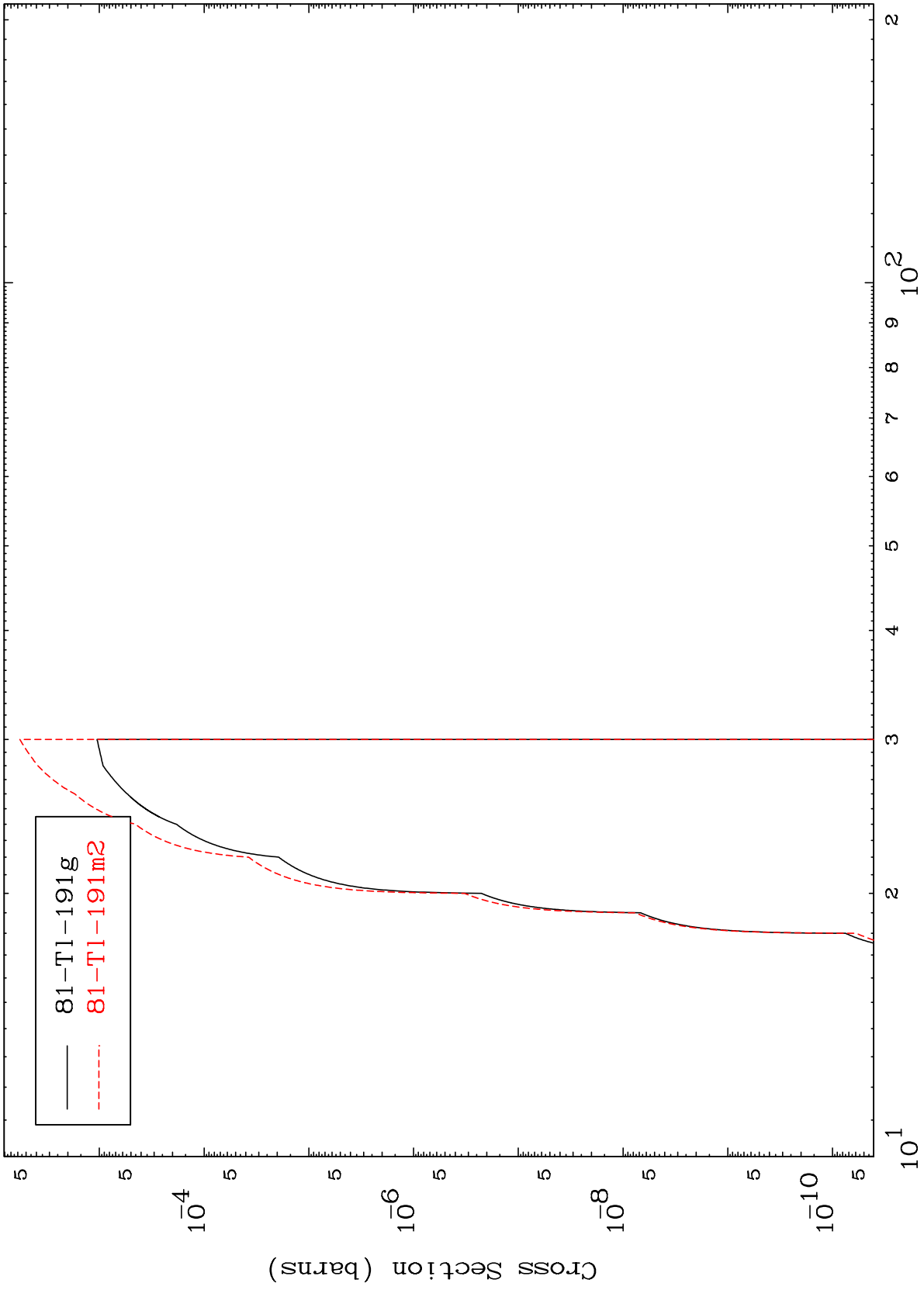
Incident Energy (MeV)

81-Tl-189

MAT 8084

81-Tl-189

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



23

Incident Energy (MeV)

81-Tl-189