

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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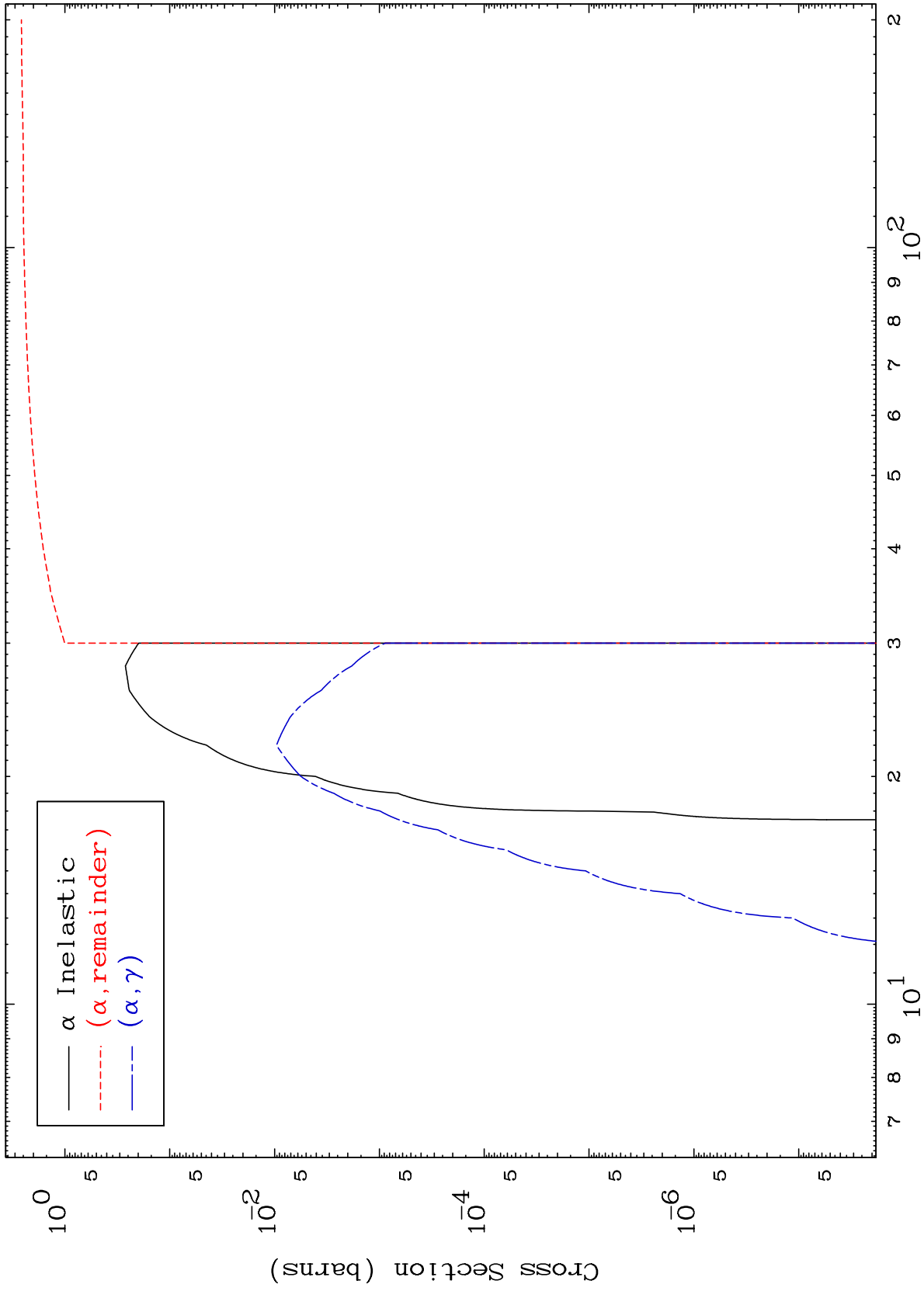
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8078

0 Kelvin Cross Sections

81-Tl-187



1

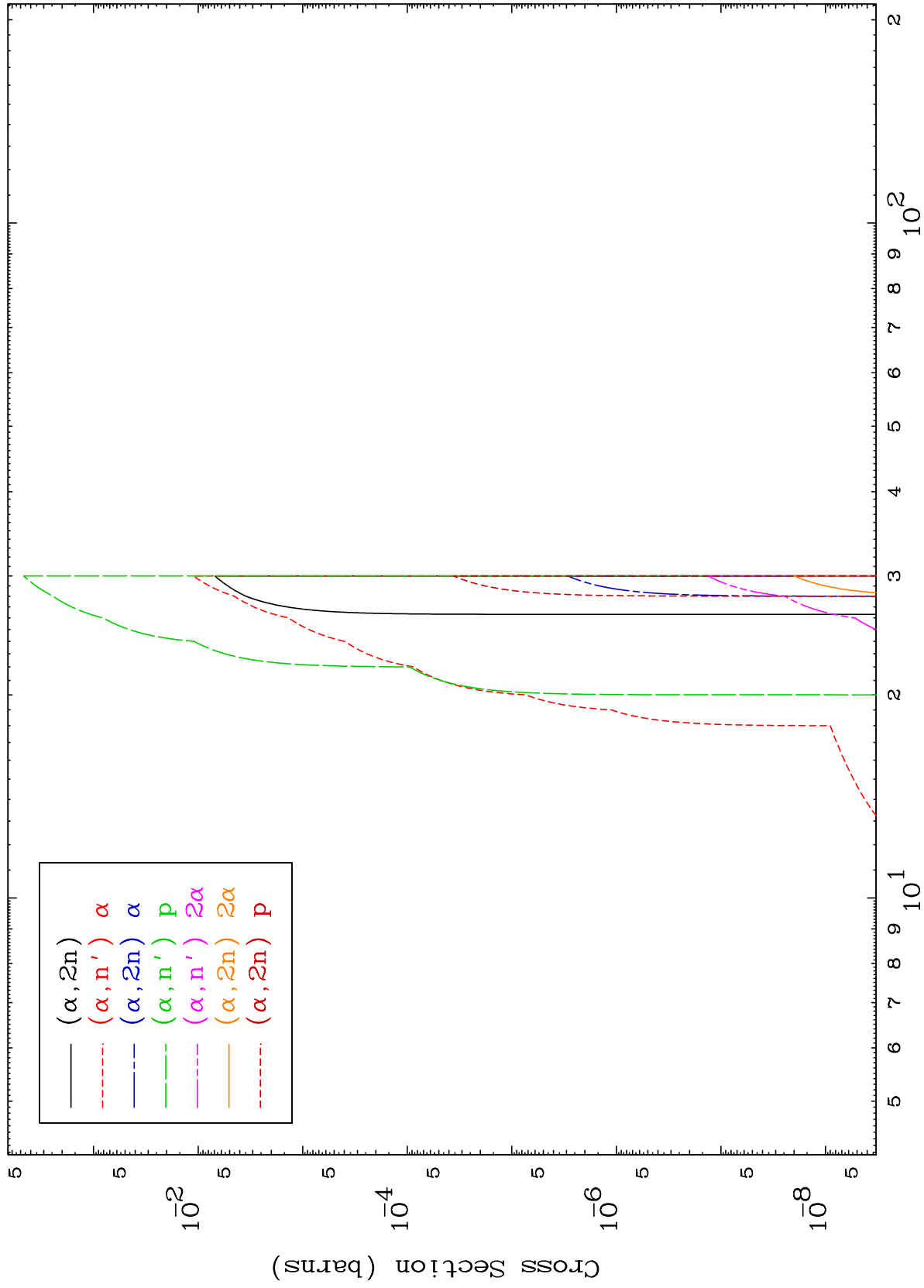
Incident Energy (MeV)

81-Tl-187

MAT 8078

α Neutron Production
0 Kelvin Cross Sections

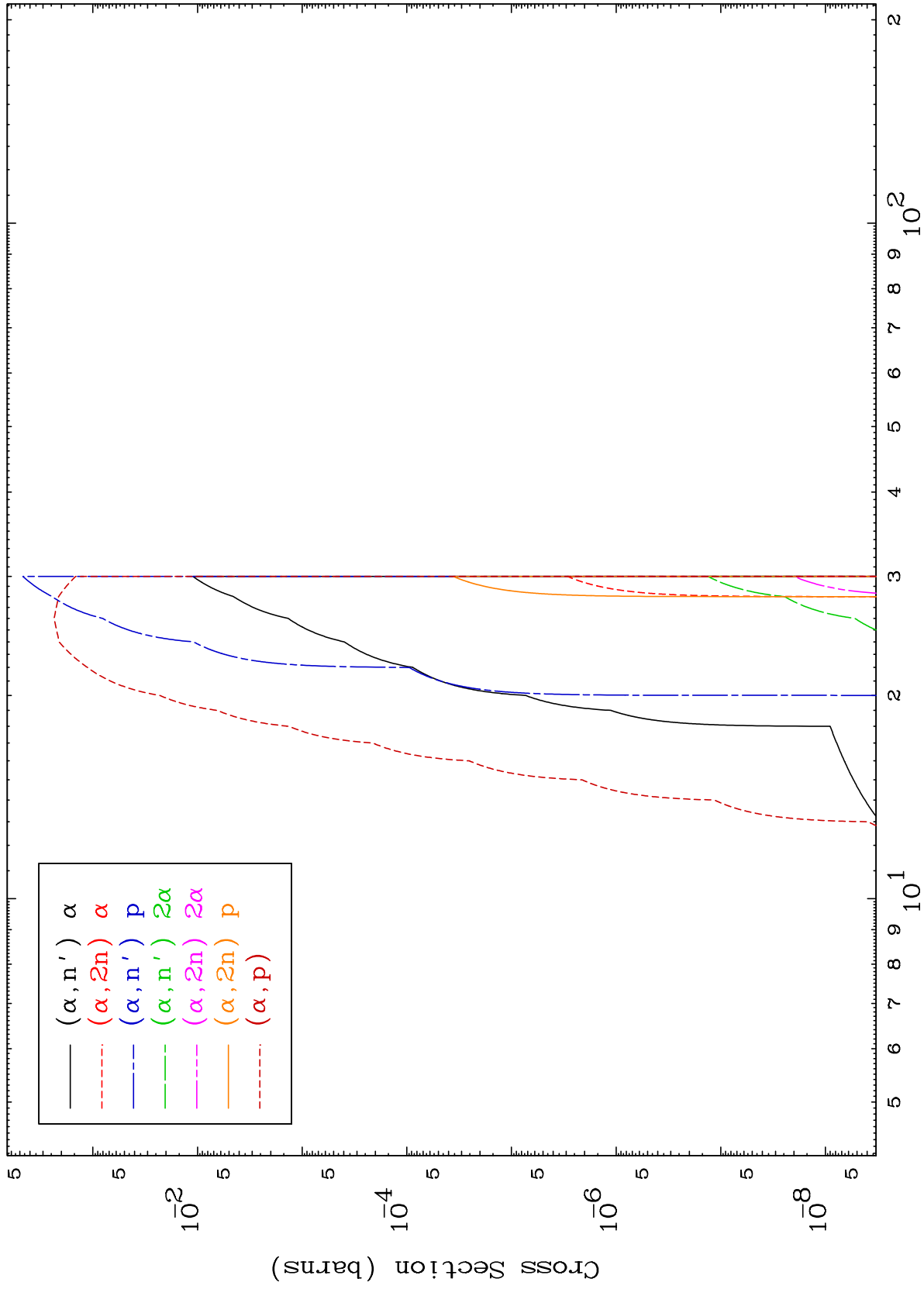
81-Tl-187



2

Incident Energy (MeV)

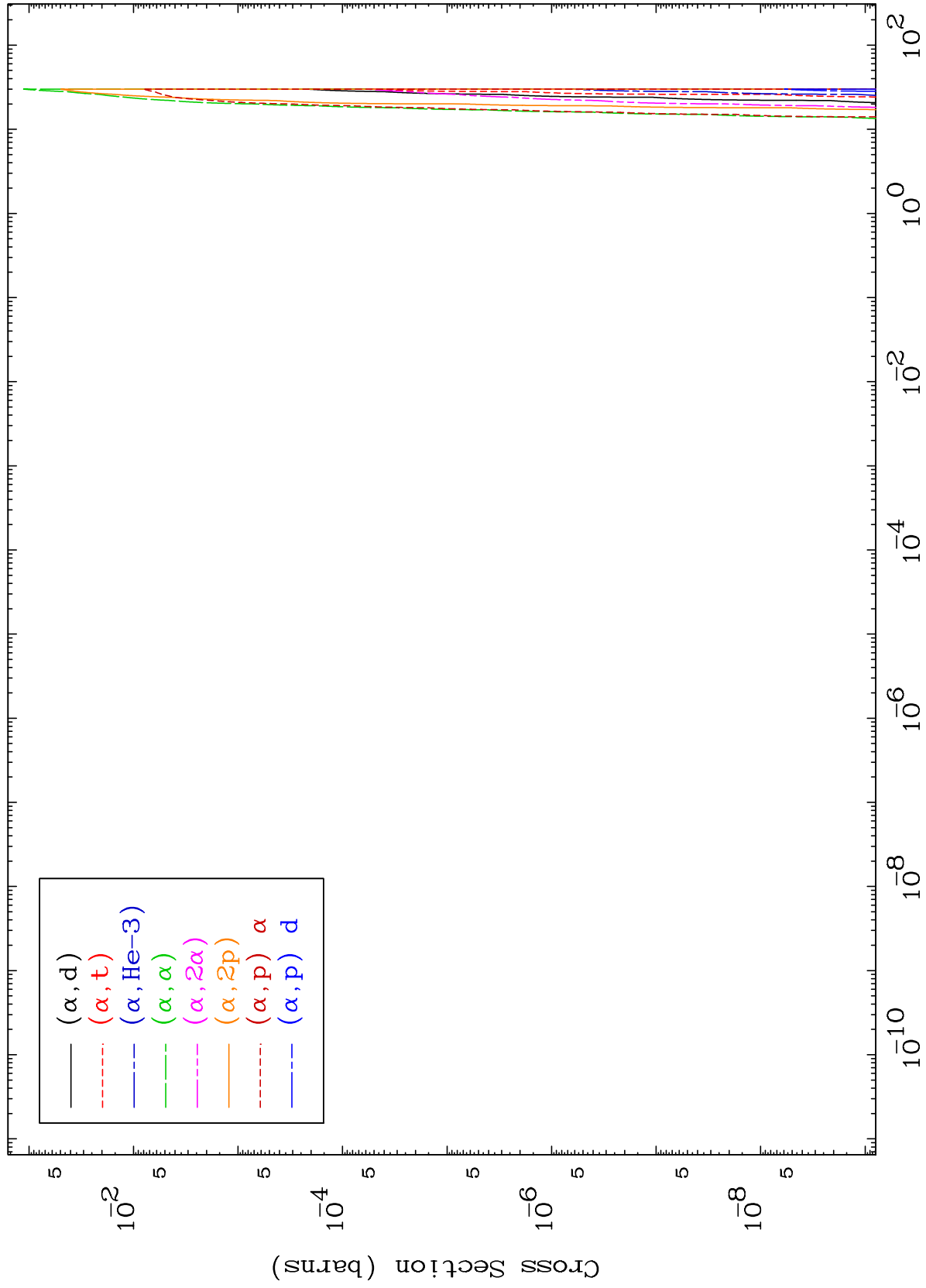
81-Tl-187



MAT 8078

α Charged Particle
0 Kelvin Cross Sections

81-Tl-187

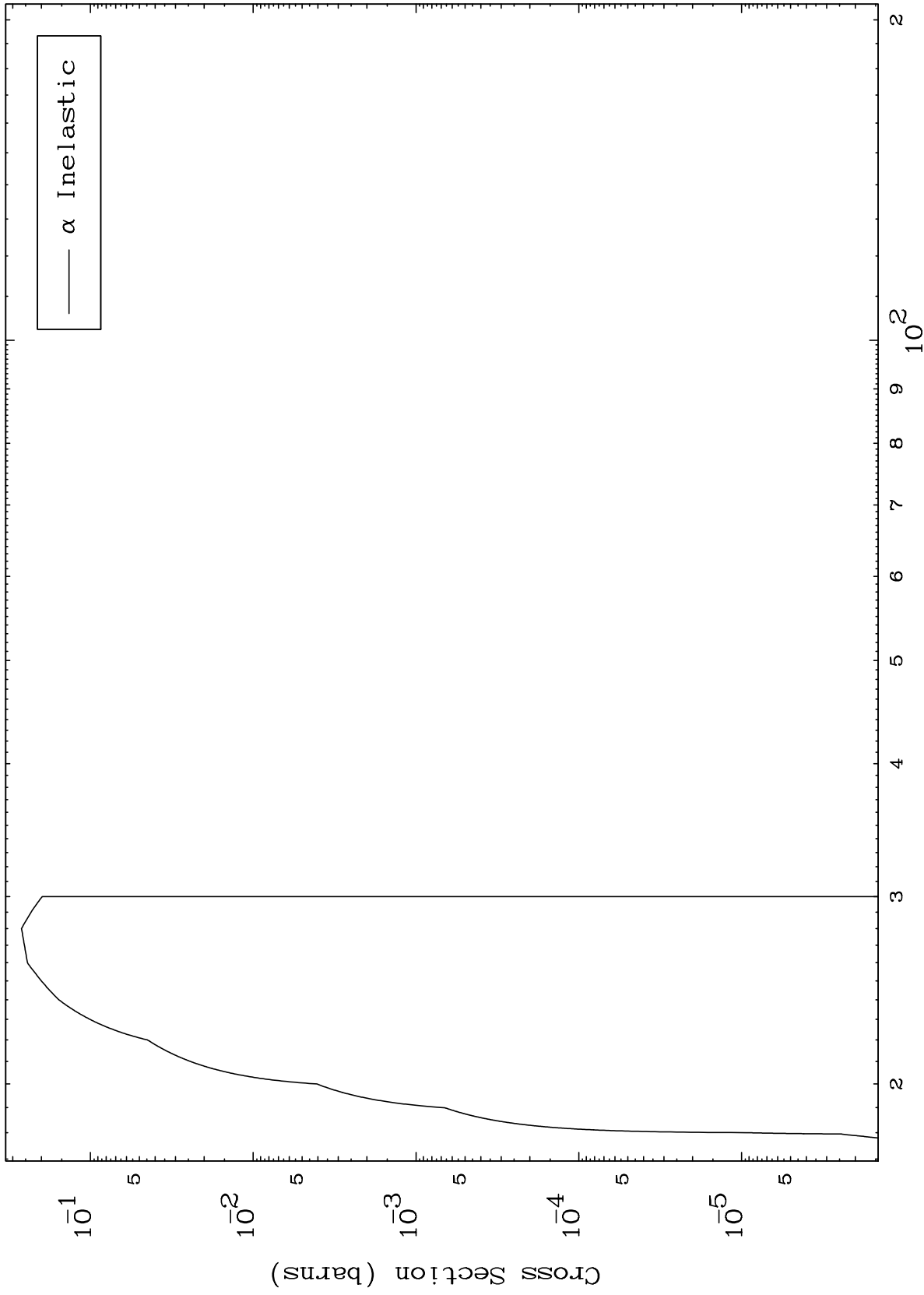


81-Tl-187

MAT 8078

(α, n') Level
0 Kelvin Cross Sections

81-T1-187



5

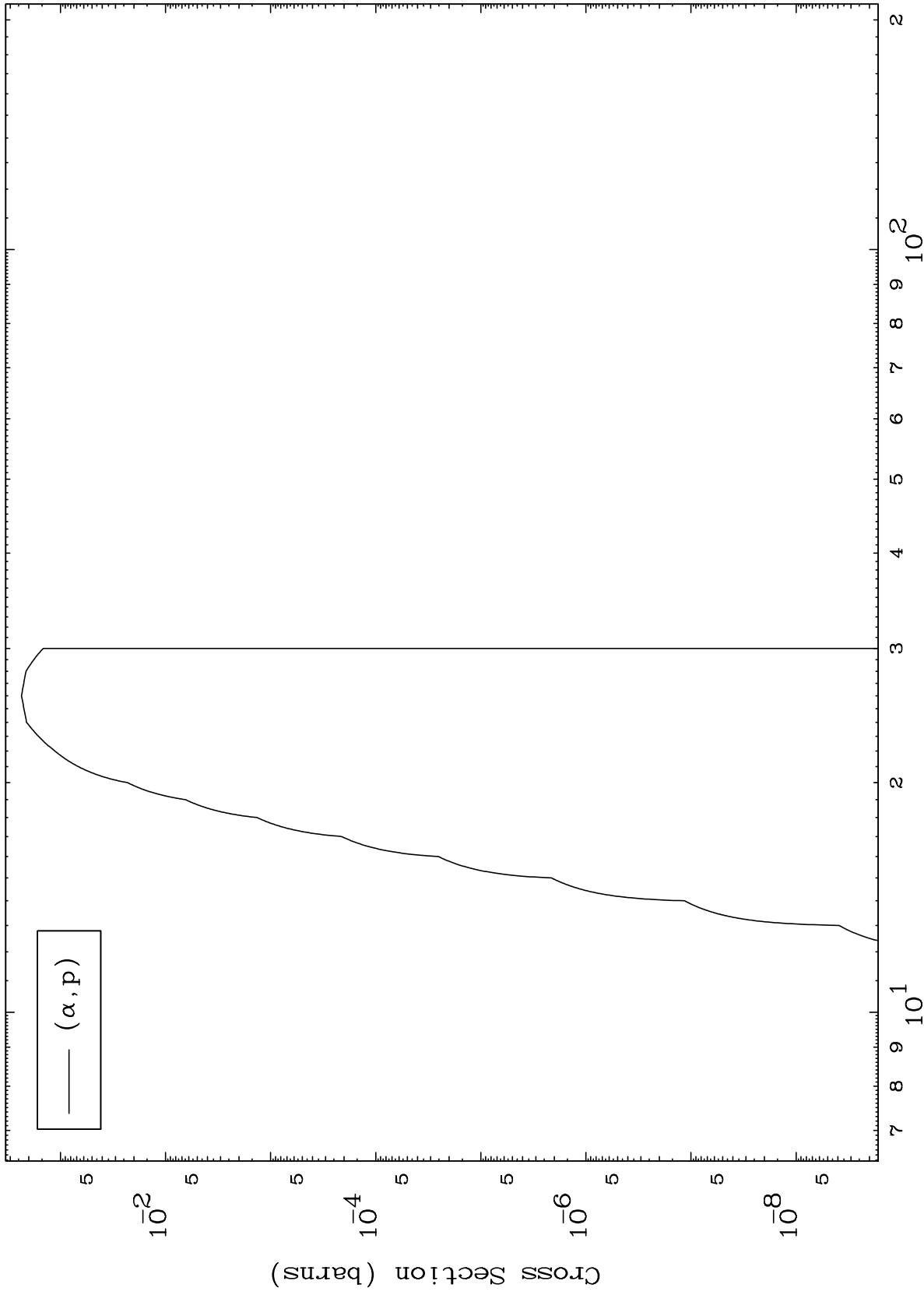
Incident Energy (MeV)

81-T1-187

MAT 8078

(α, p) Levels
0 Kelvin Cross Sections

81-T1-187



6

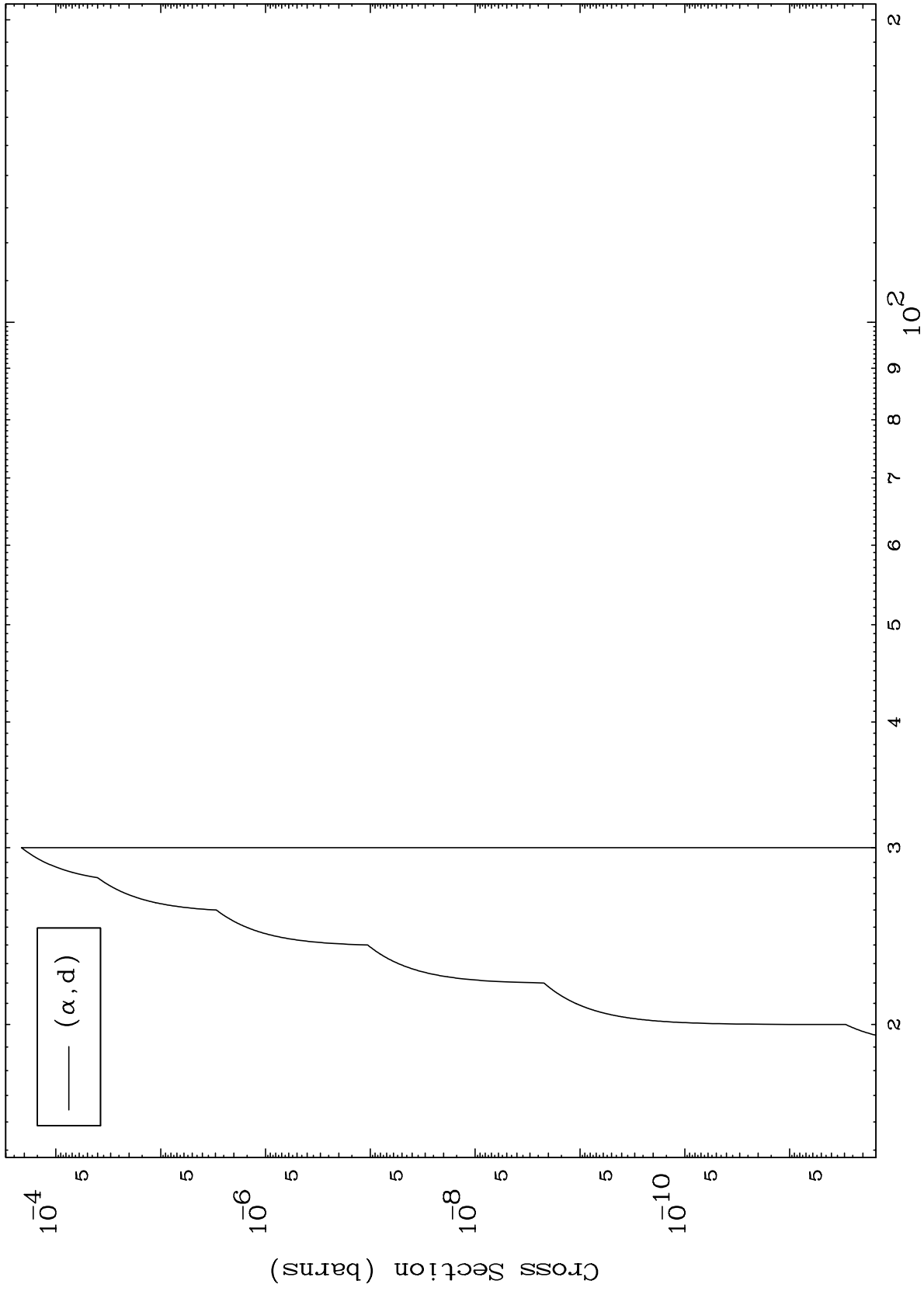
Incident Energy (MeV)

81-T1-187

MAT 8078

(α, d) Levels
0 Kelvin Cross Sections

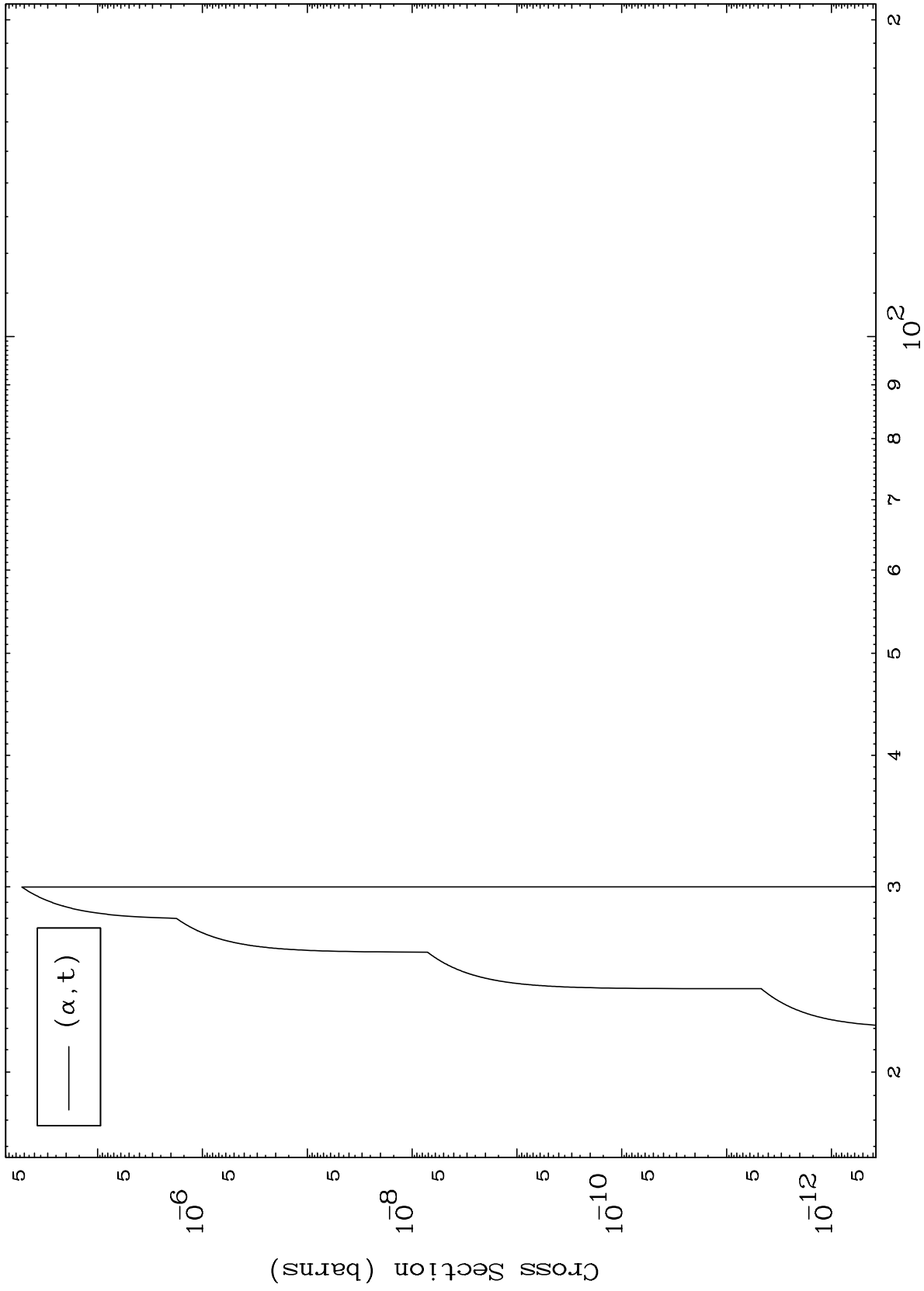
81-T1-187

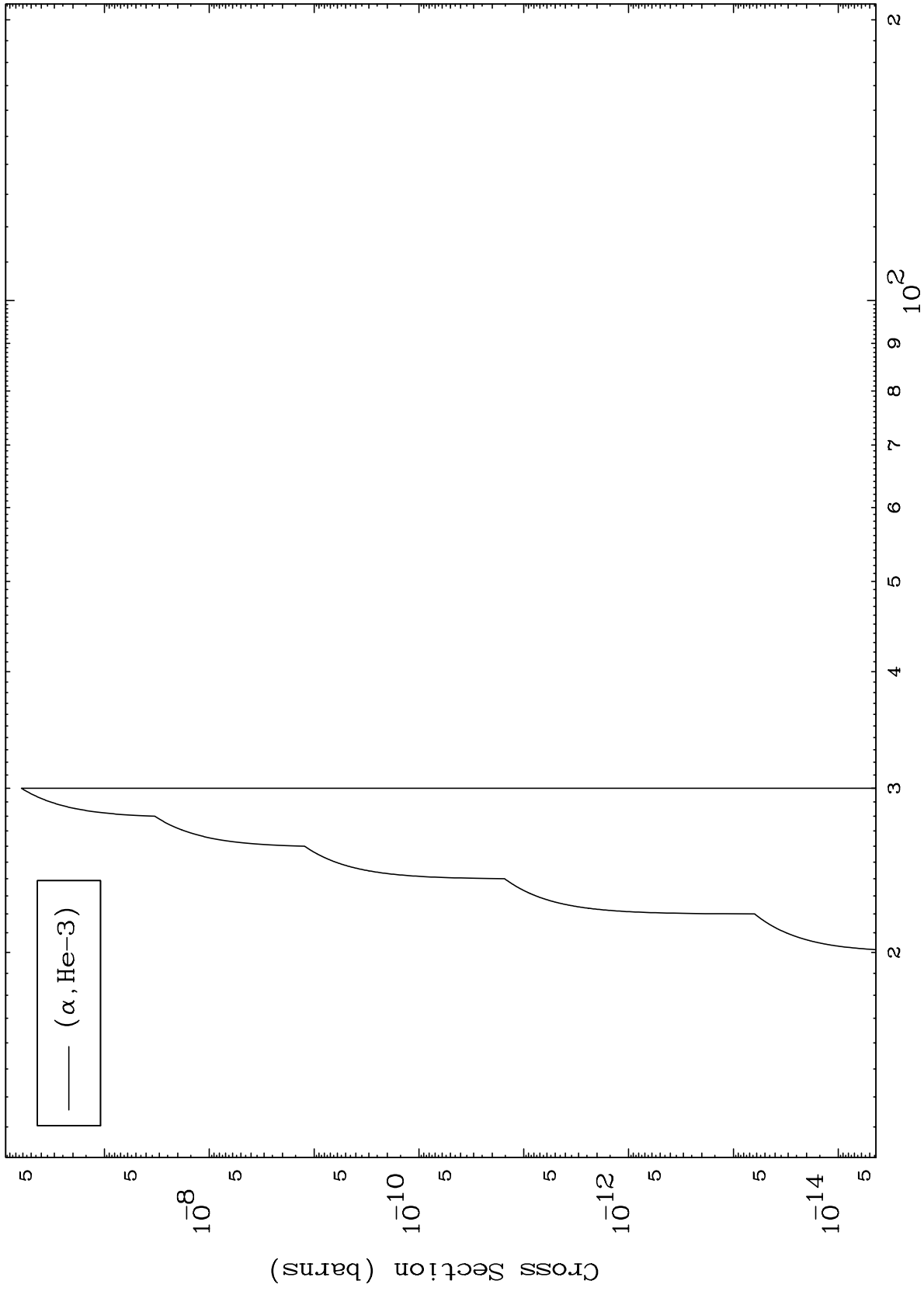


7

Incident Energy (MeV)

81-T1-187

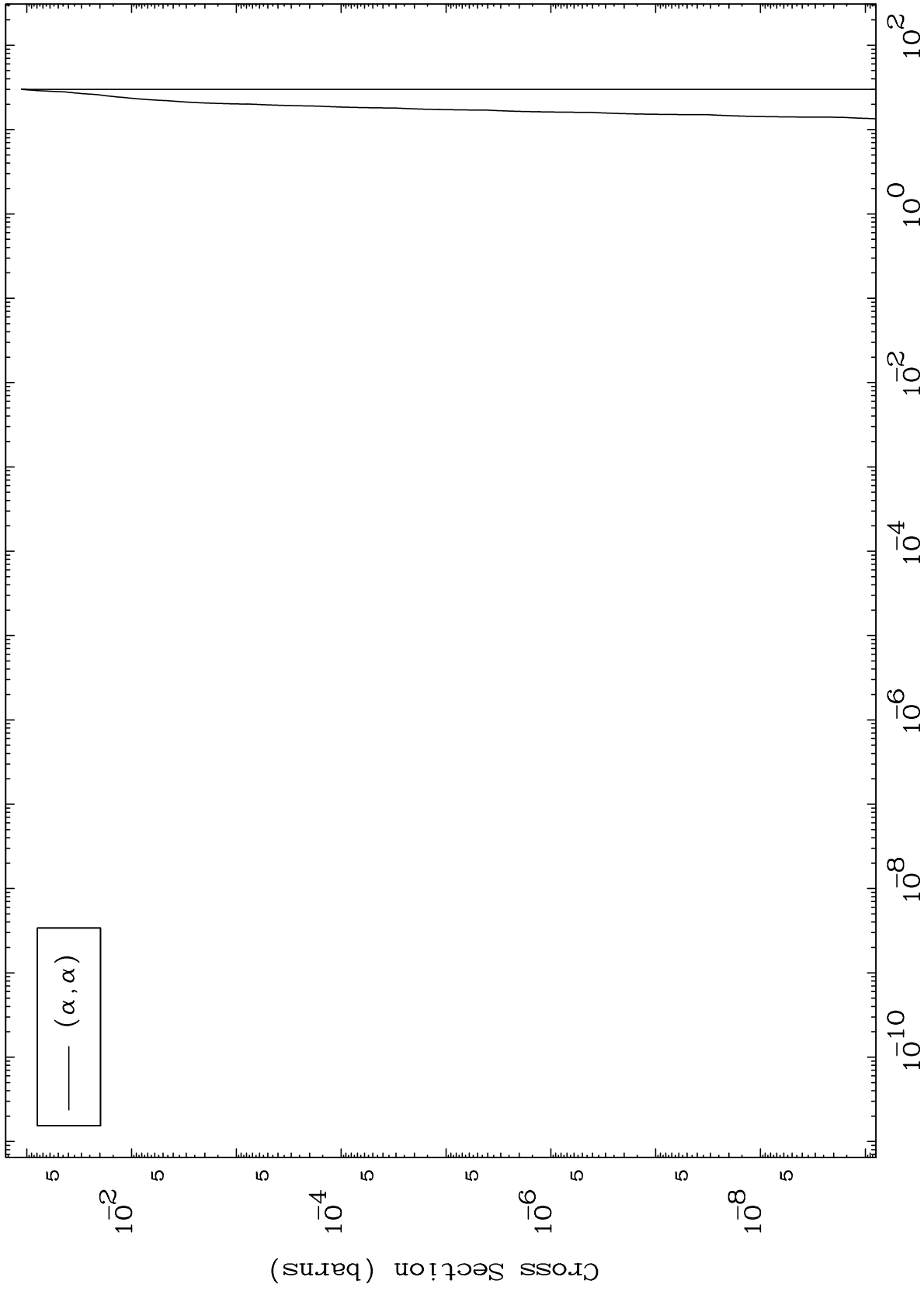




MAT 8078

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-187



10

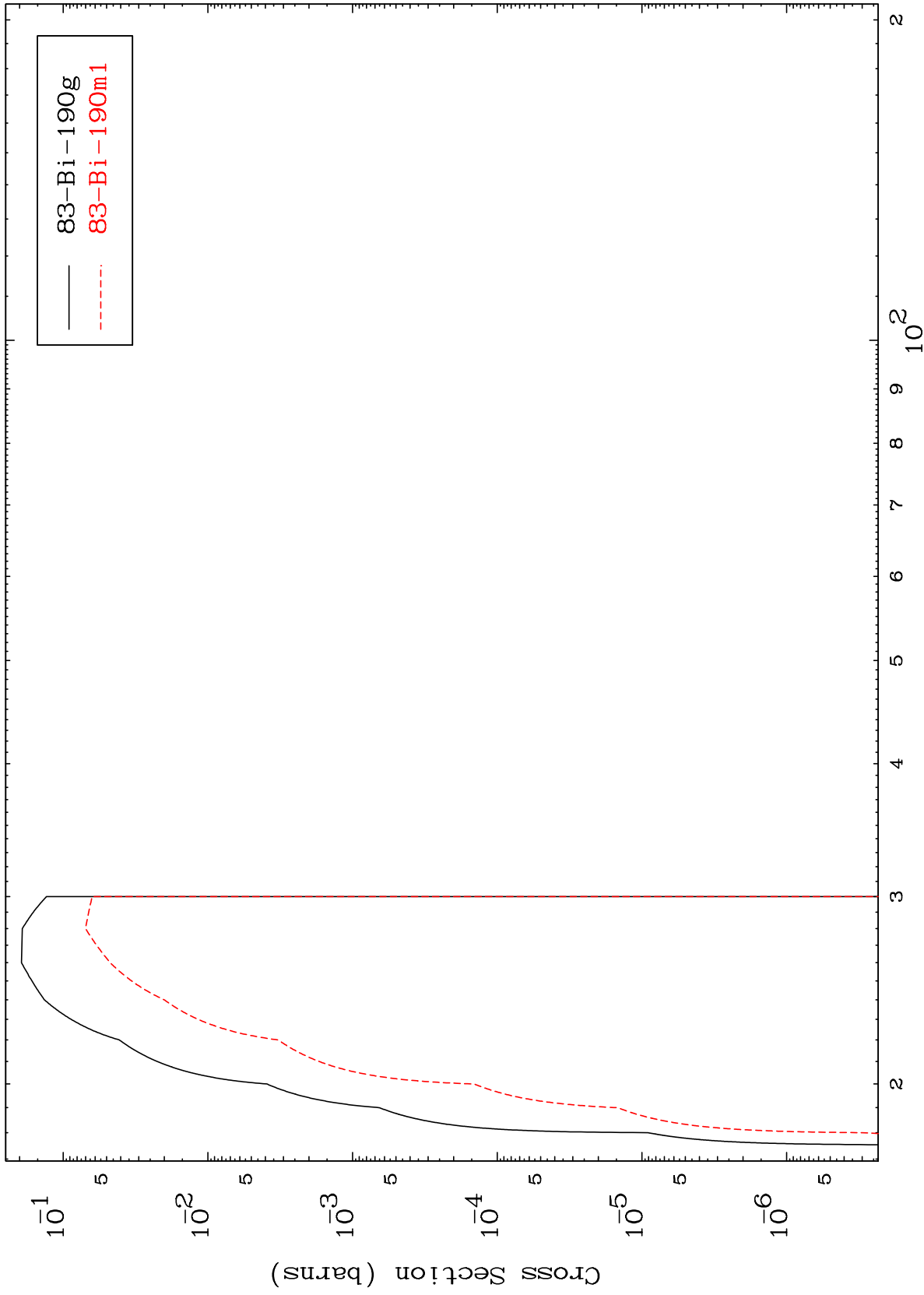
Incident Energy (MeV)

81-Tl-187

MAT 8078

Radionuclide Production Cross Section

81-Tl-187



11

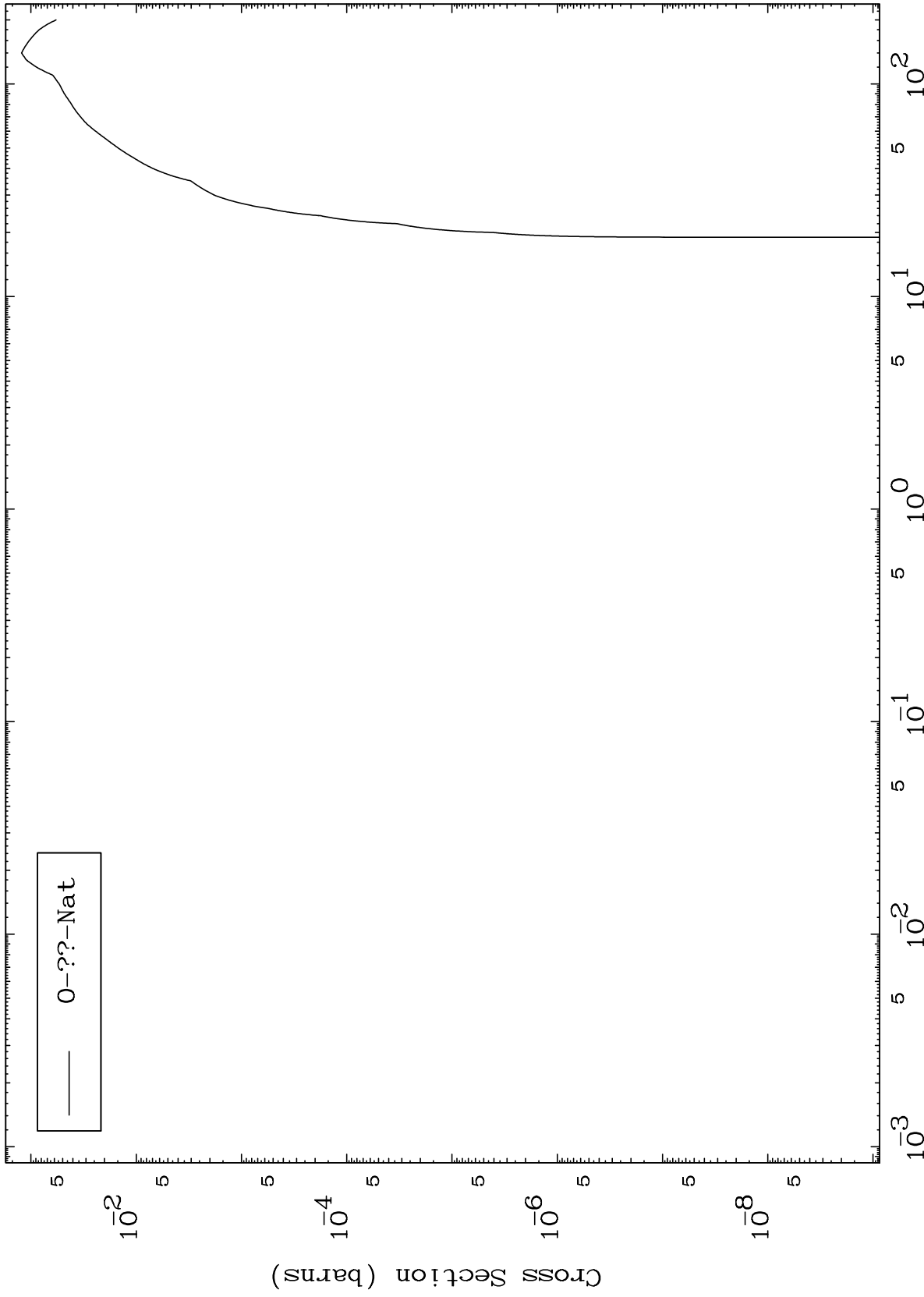
Incident Energy (MeV)

81-Tl-187

MAT 8078

α Fission
Radionuclide Production Cross Section

81-Tl-187



12

Incident Energy (MeV)

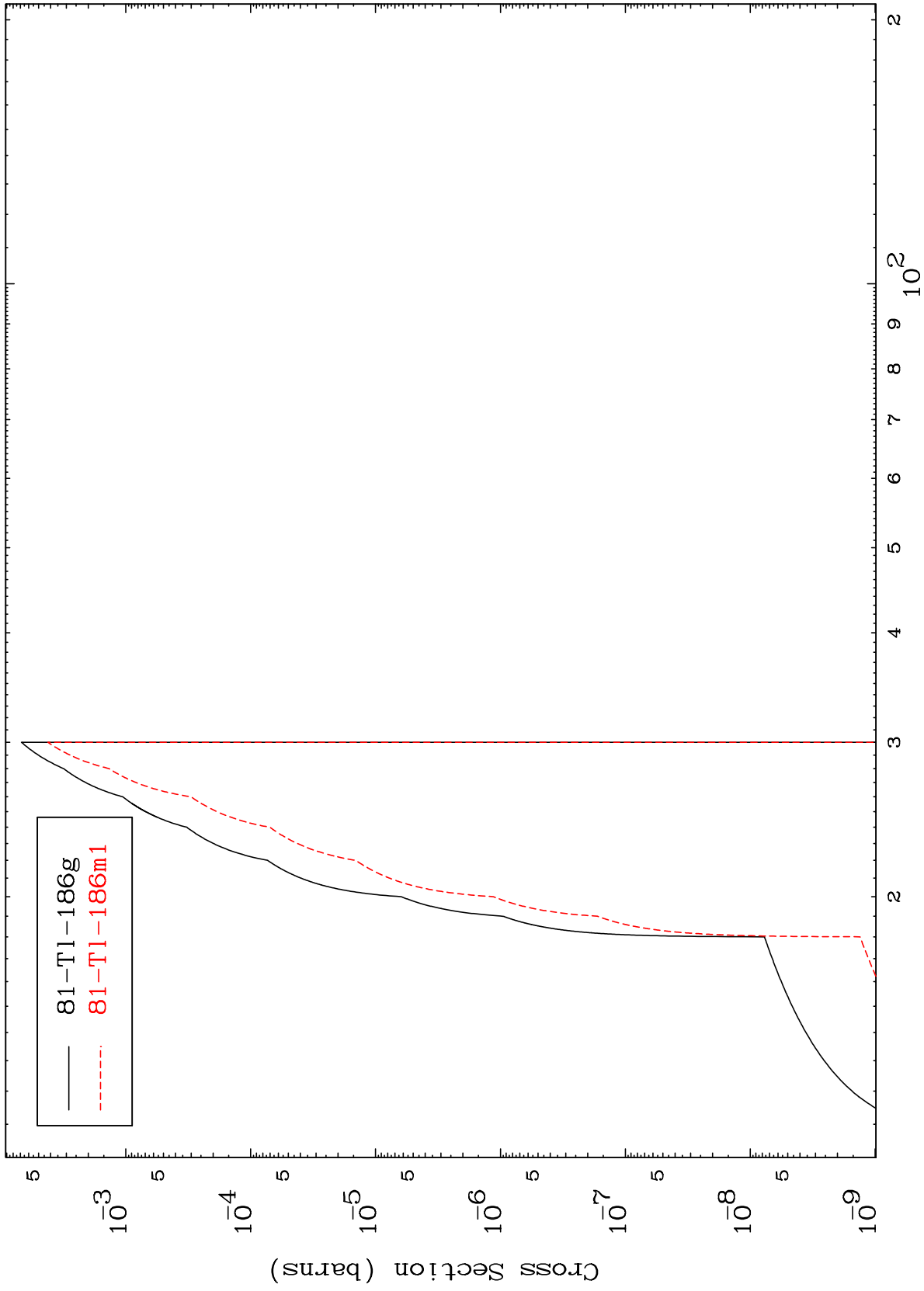
81-Tl-187

MAT 8078

(α, n') α

81-Tl-187

Radionuclide Production Cross Section



13

Incident Energy (MeV)

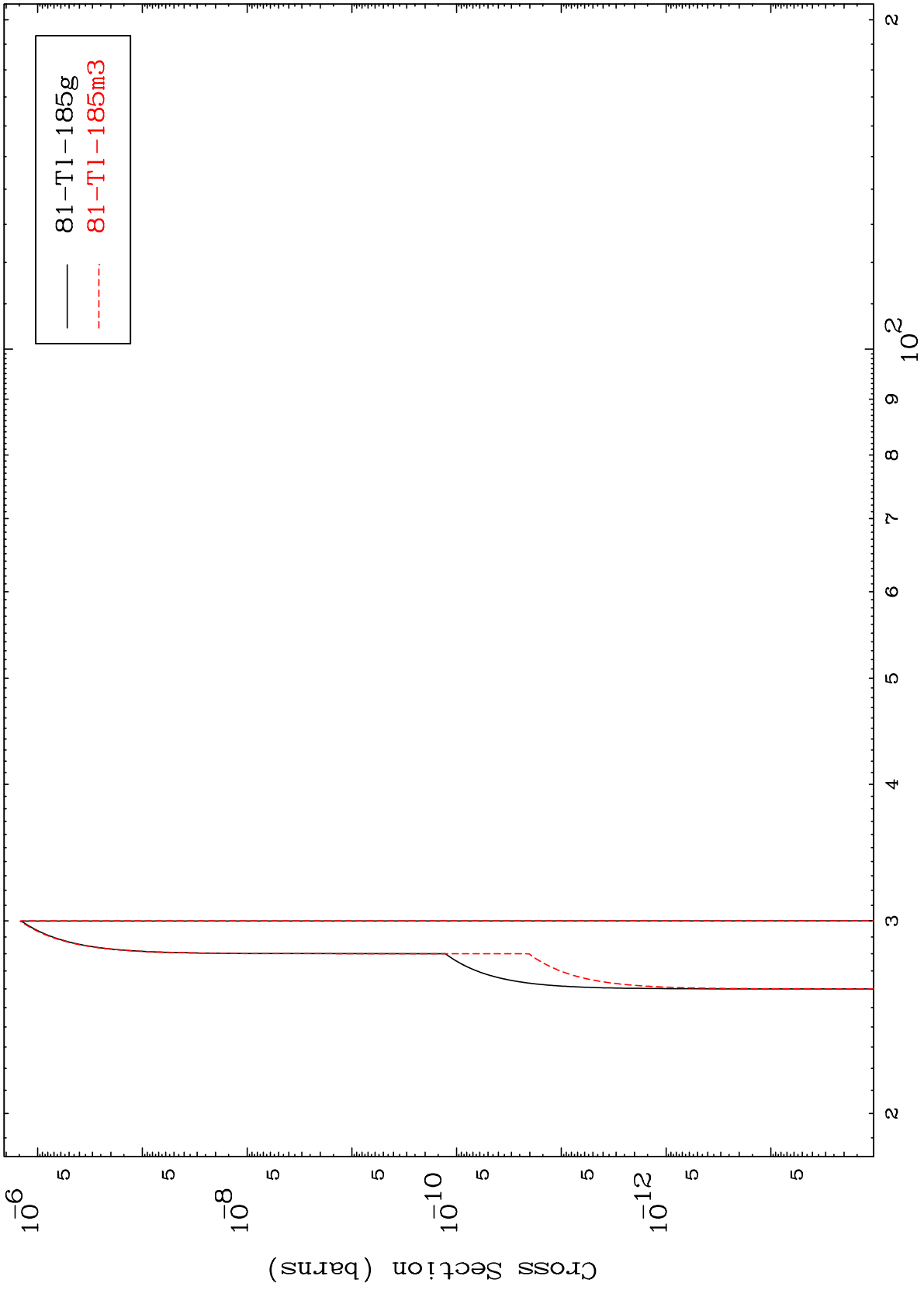
81-Tl-187

MAT 8078

($\alpha, 2n$) α

81-Tl-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

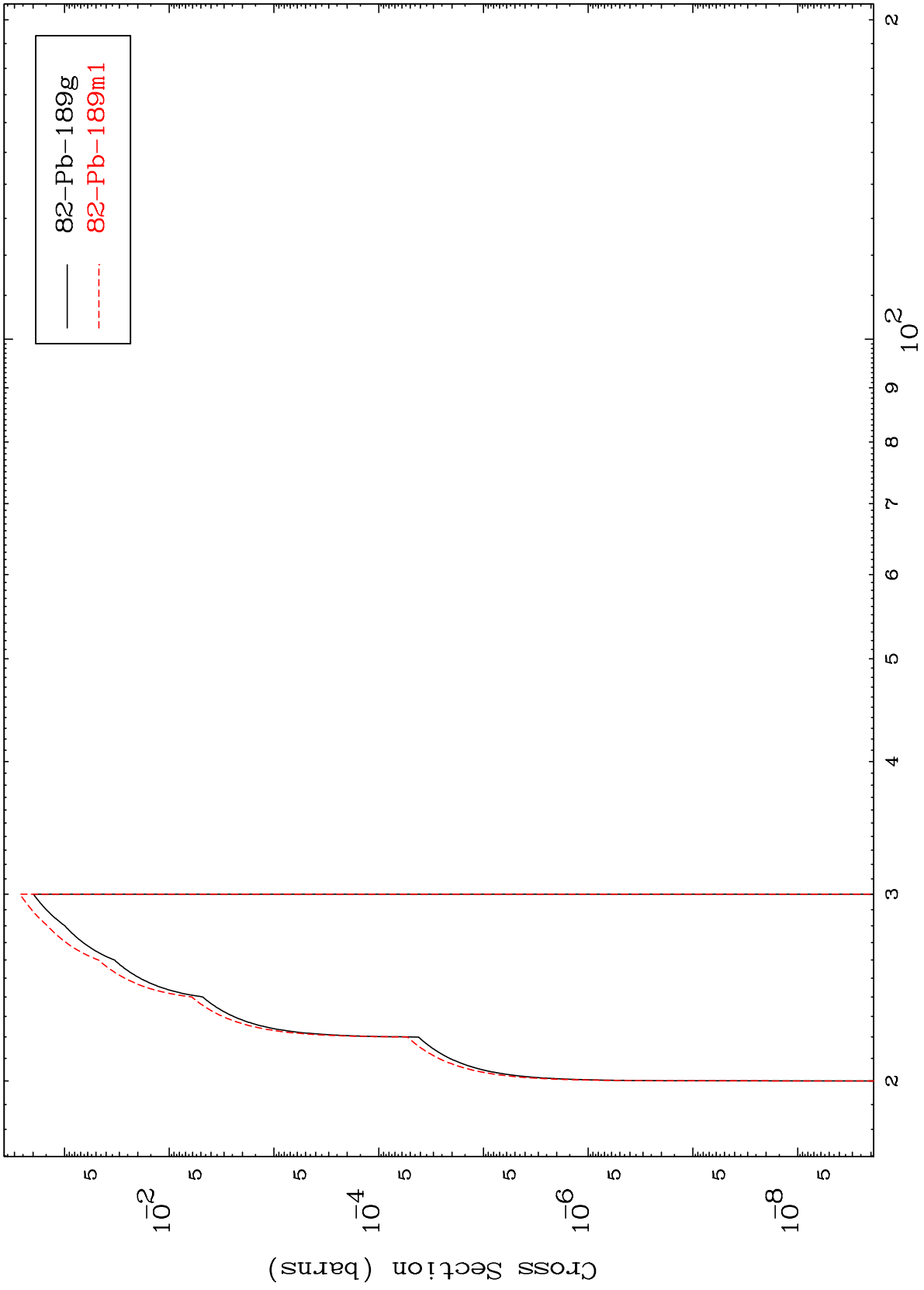
81-Tl-187

MAT 8078

(α, n') p

81-Tl-187

Radionuclide Production Cross Section



15

Incident Energy (MeV)

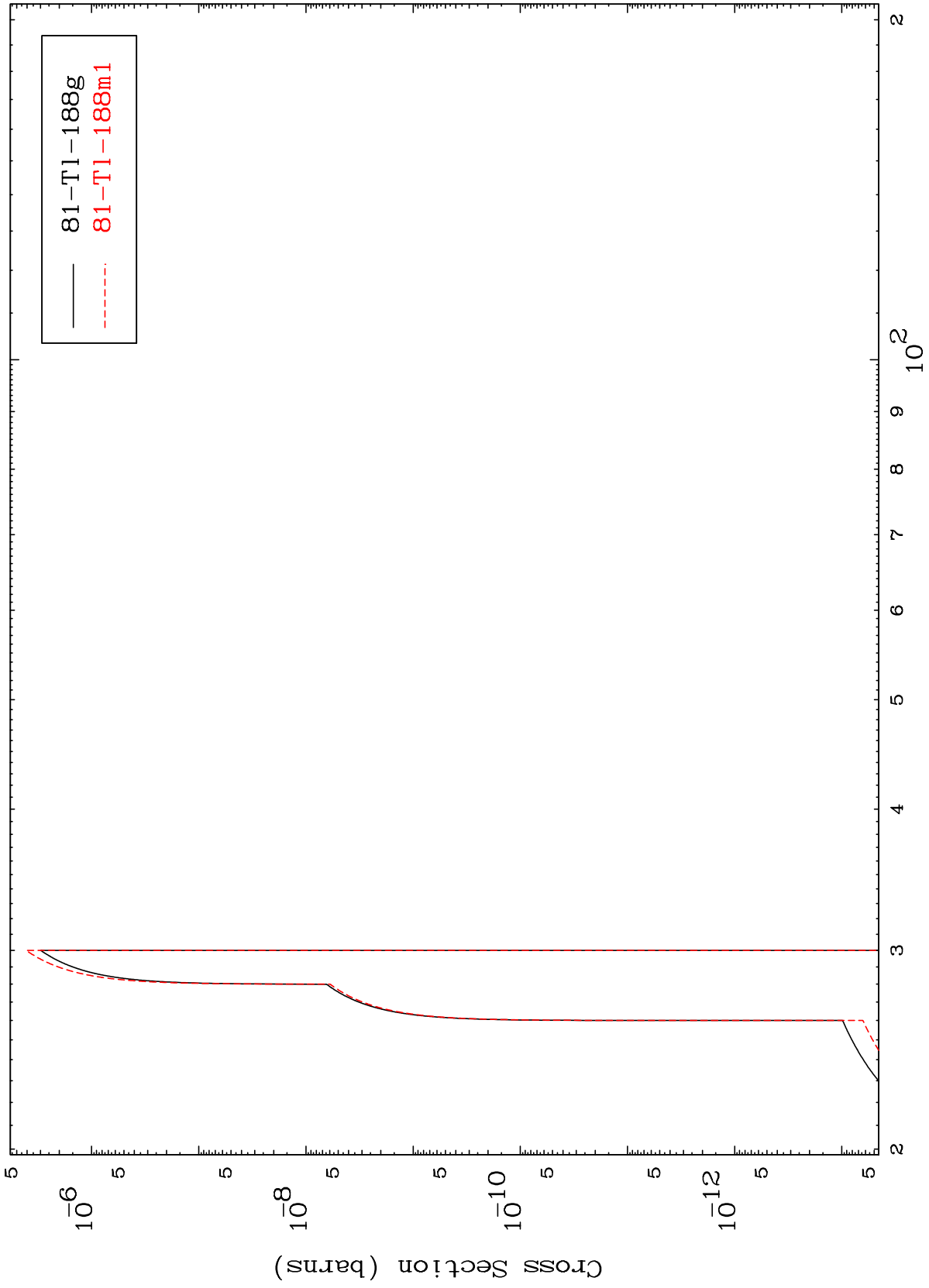
81-Tl-187

MAT 8078

($\alpha, 2n$) p

81-Tl-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

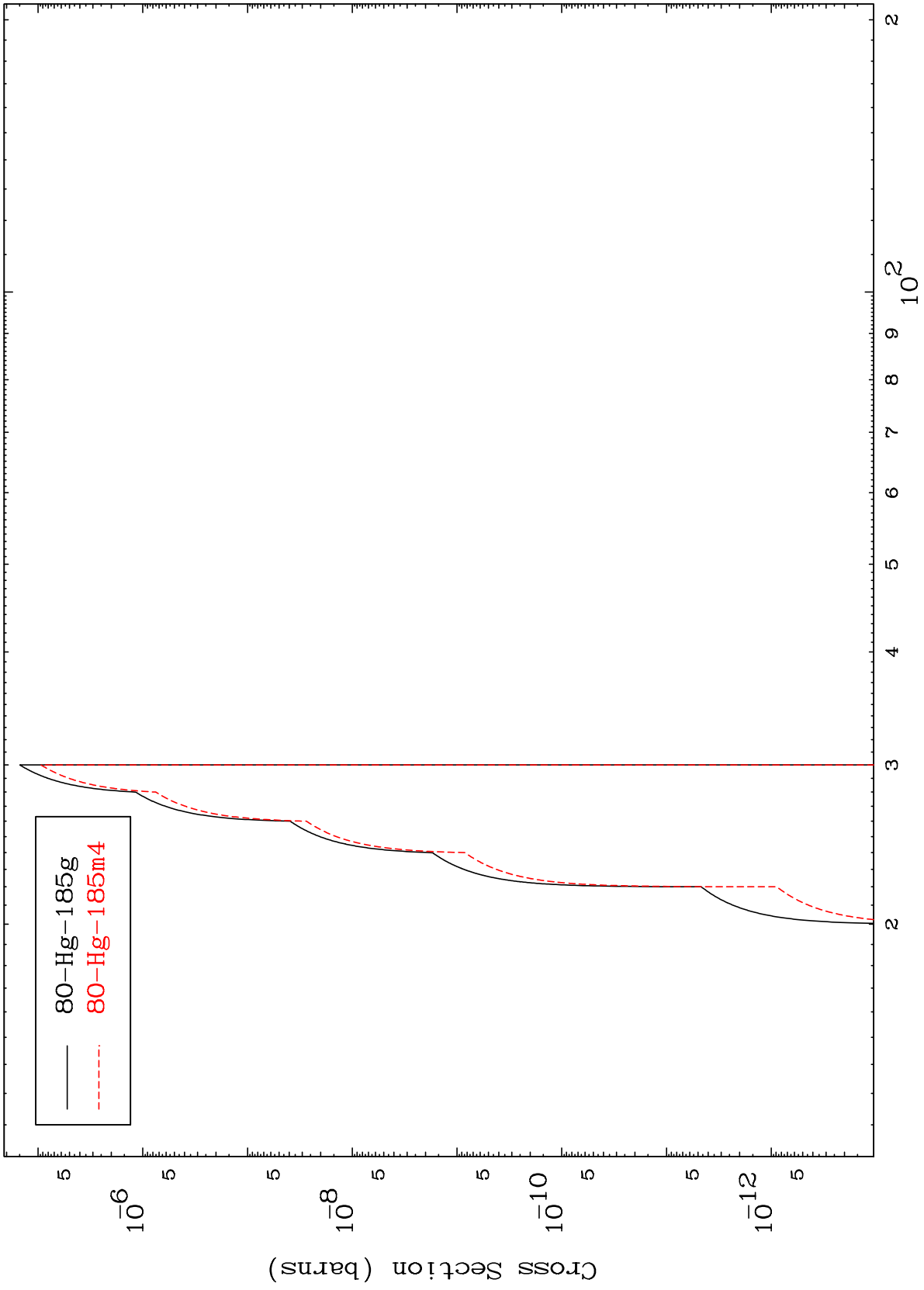
81-Tl-187

MAT 8078

(α, n') p α

81-Tl-187

Radionuclide Production Cross Section



17

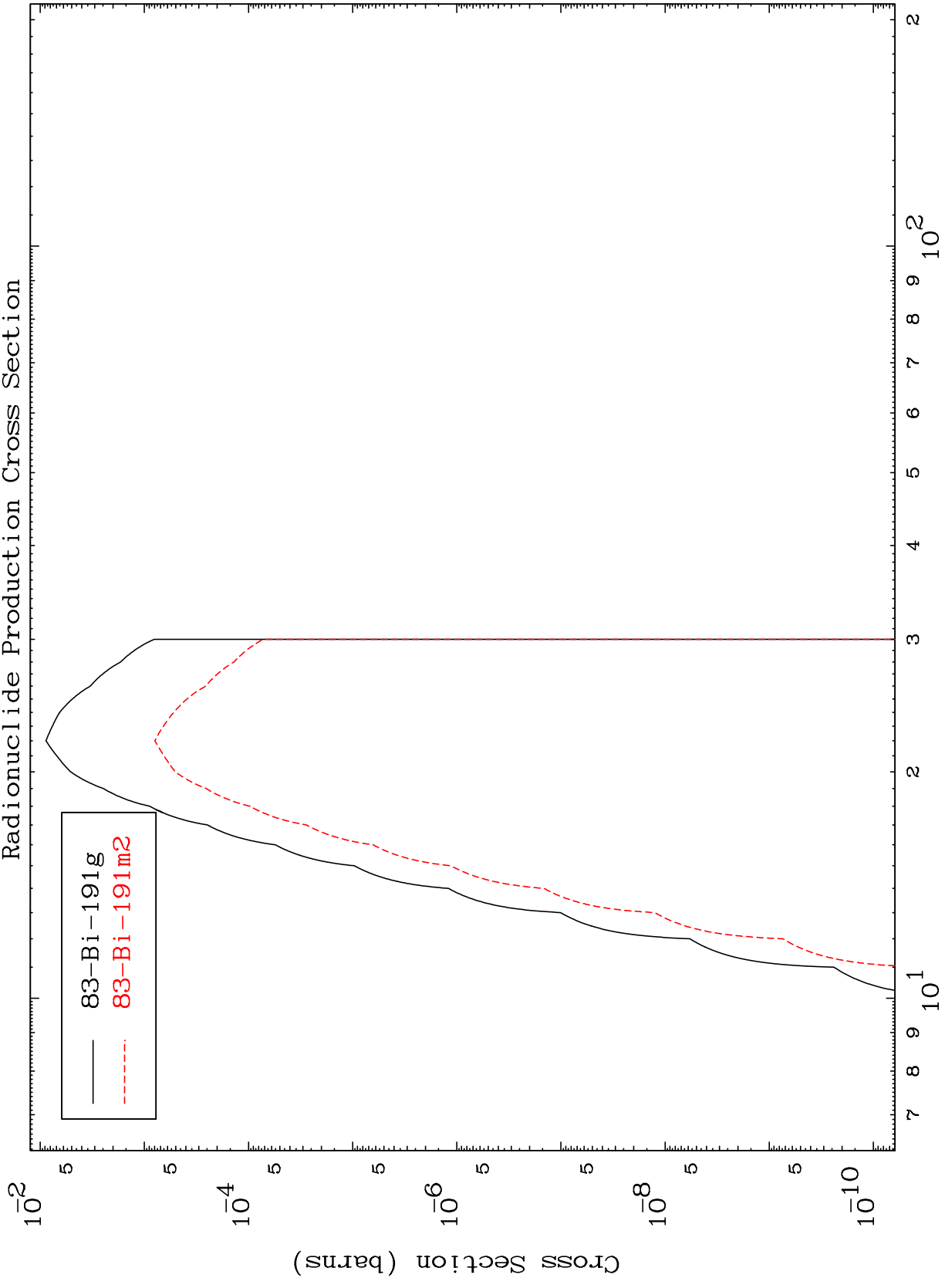
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

Radionuclide Production Cross Section



83-Bi-191g
83-Bi-191m2

18

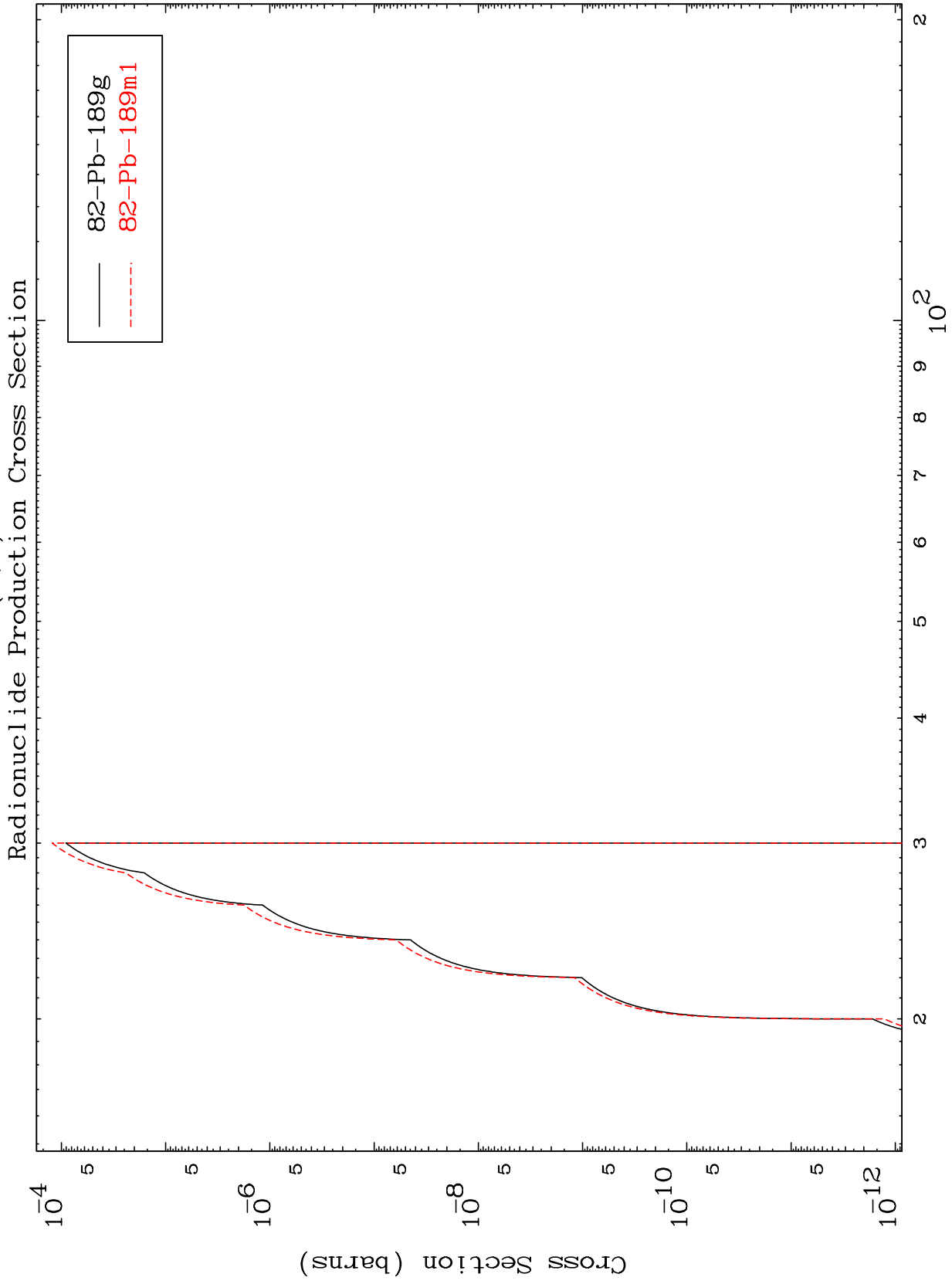
Incident Energy (MeV)

81-Tl-187

MAT 8078

(α, d)

81-Tl-187



19

Incident Energy (MeV)

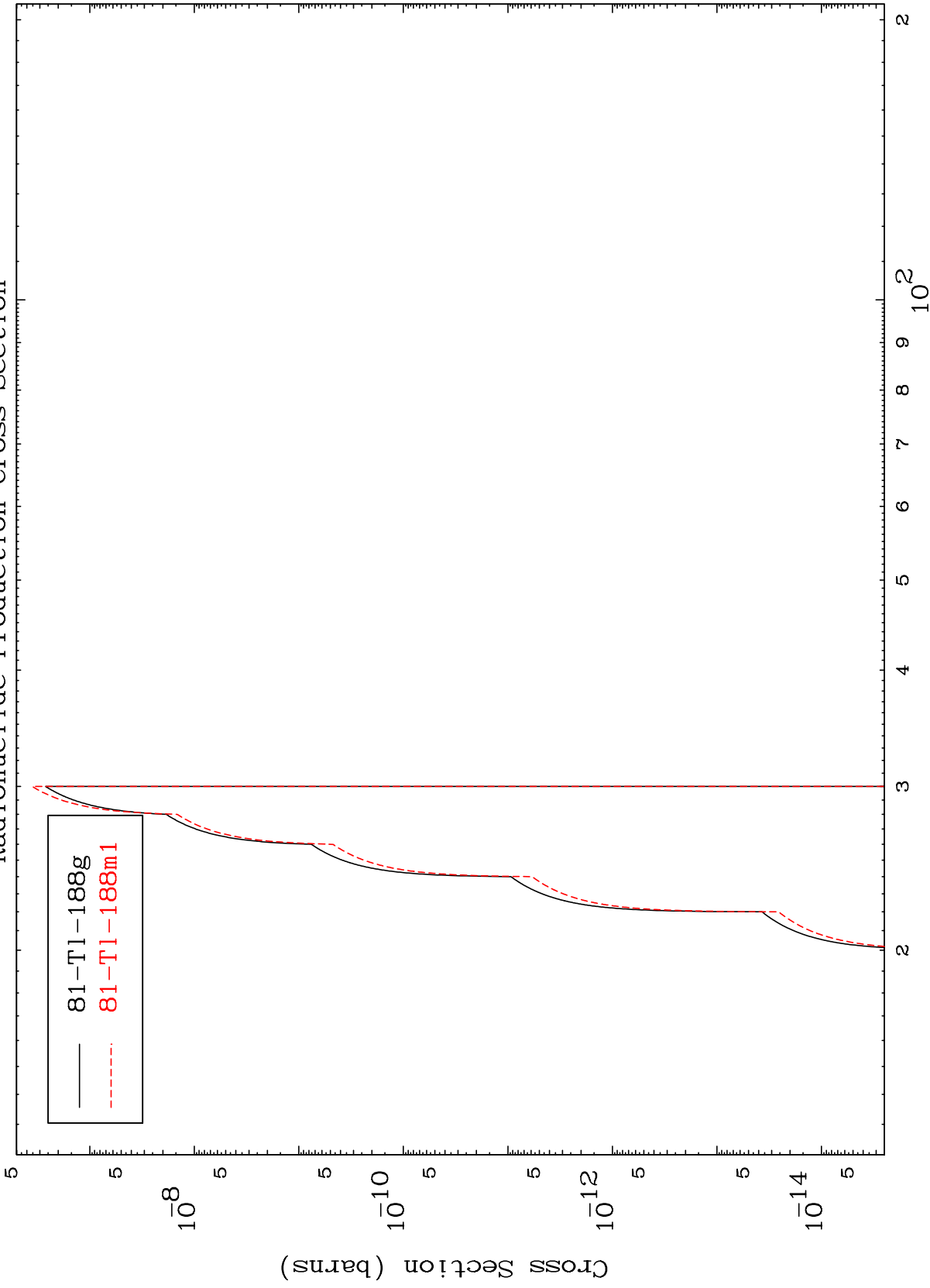
81-Tl-187

MAT 8078

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

81-Tl-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

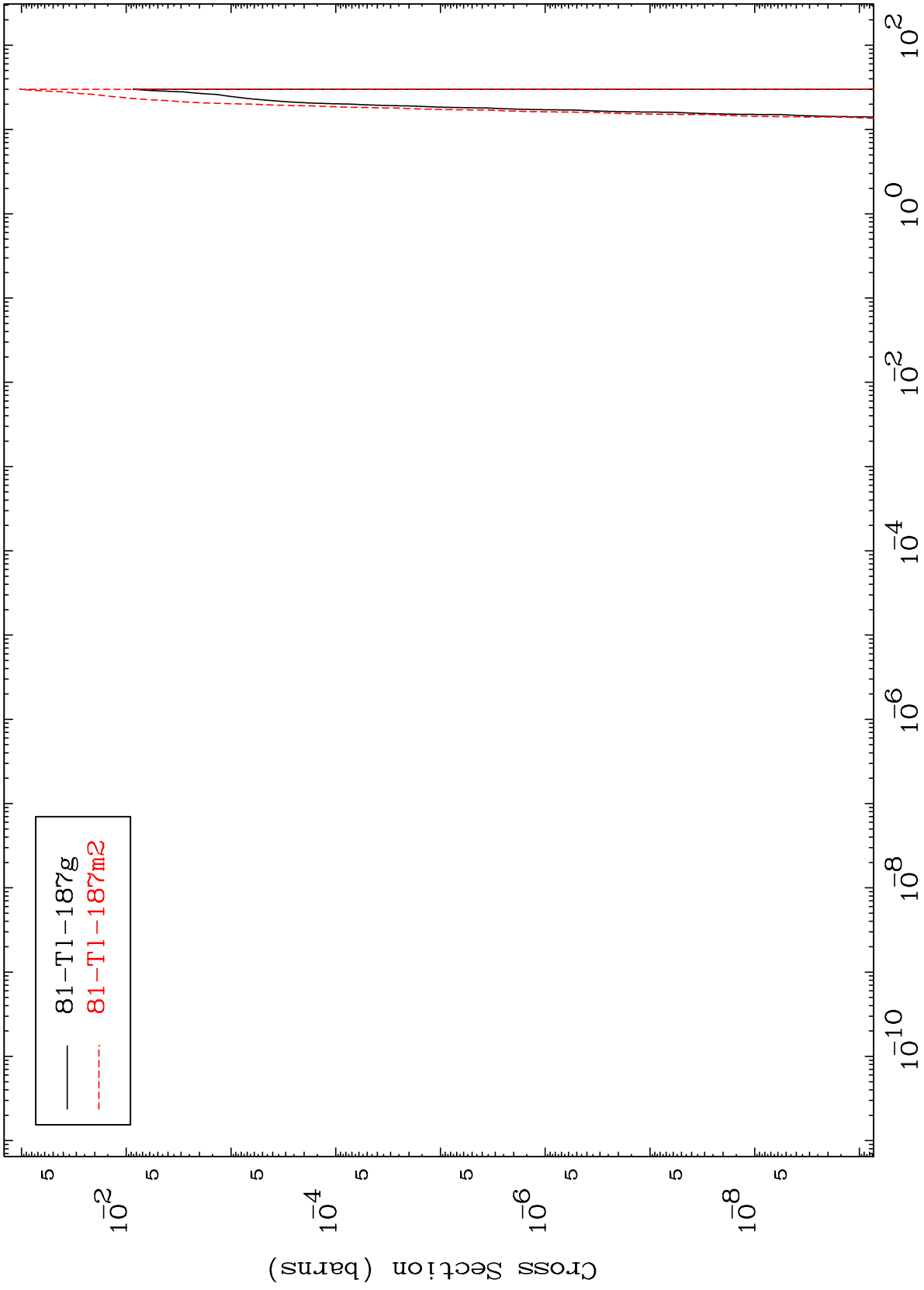
81-Tl-187

MAT 8078

(α, α)

81-Tl-187

Radionuclide Production Cross Section



21

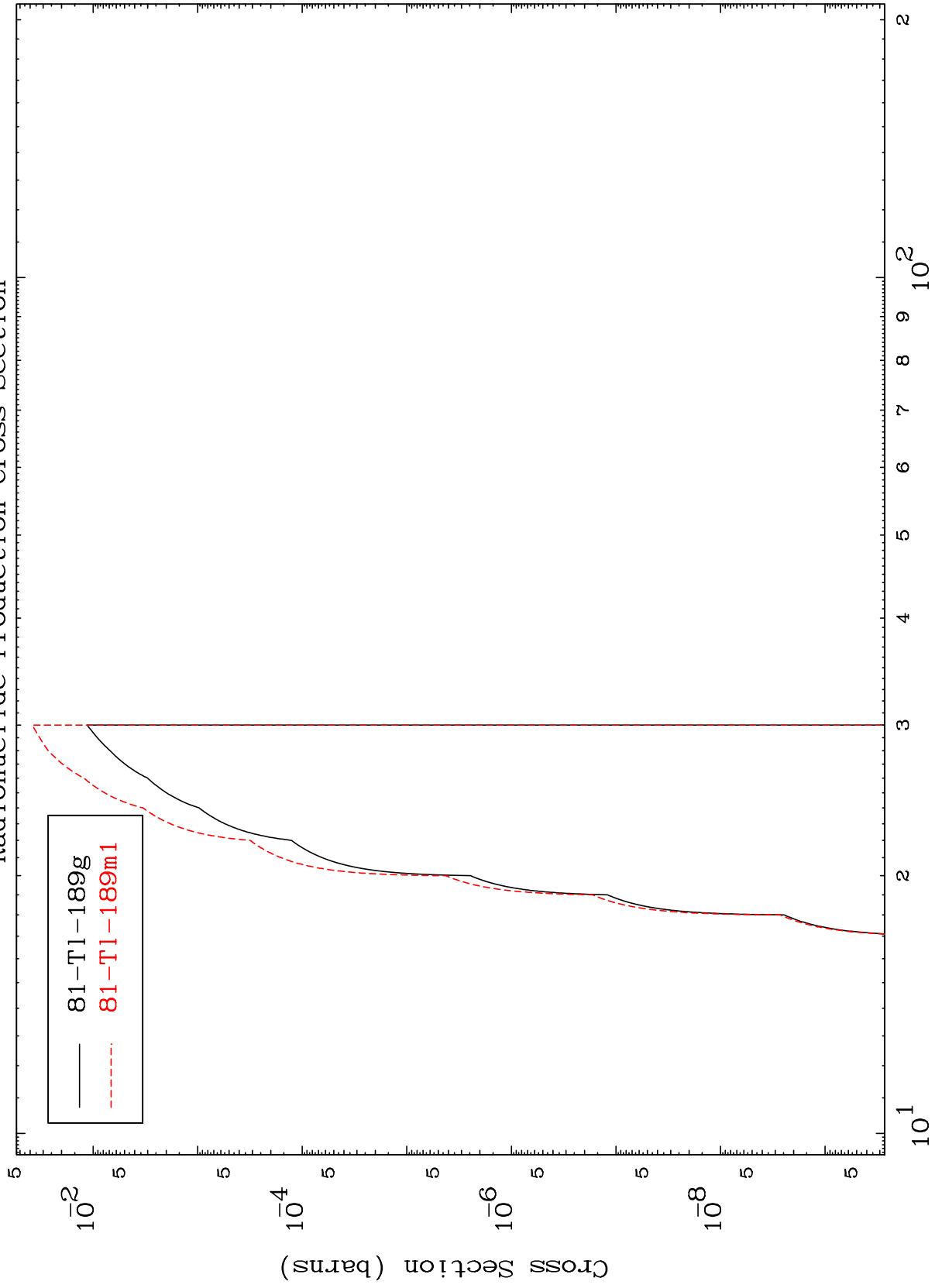
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

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



81-Tl-187

Incident Energy (MeV)

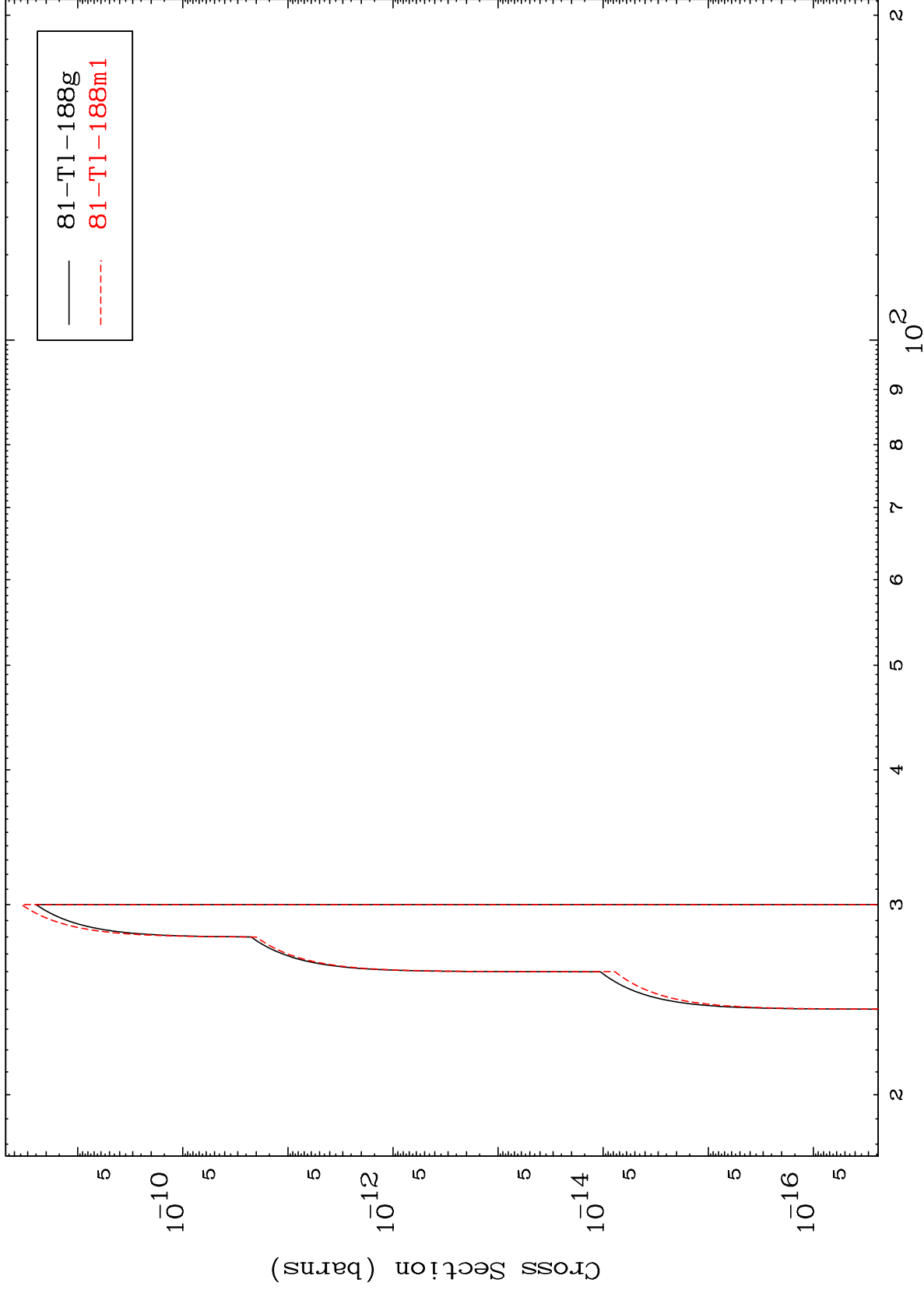
22

MAT 8078

(α, p) d

81-Tl-187

Radionuclide Production Cross Section



23

Incident Energy (MeV)

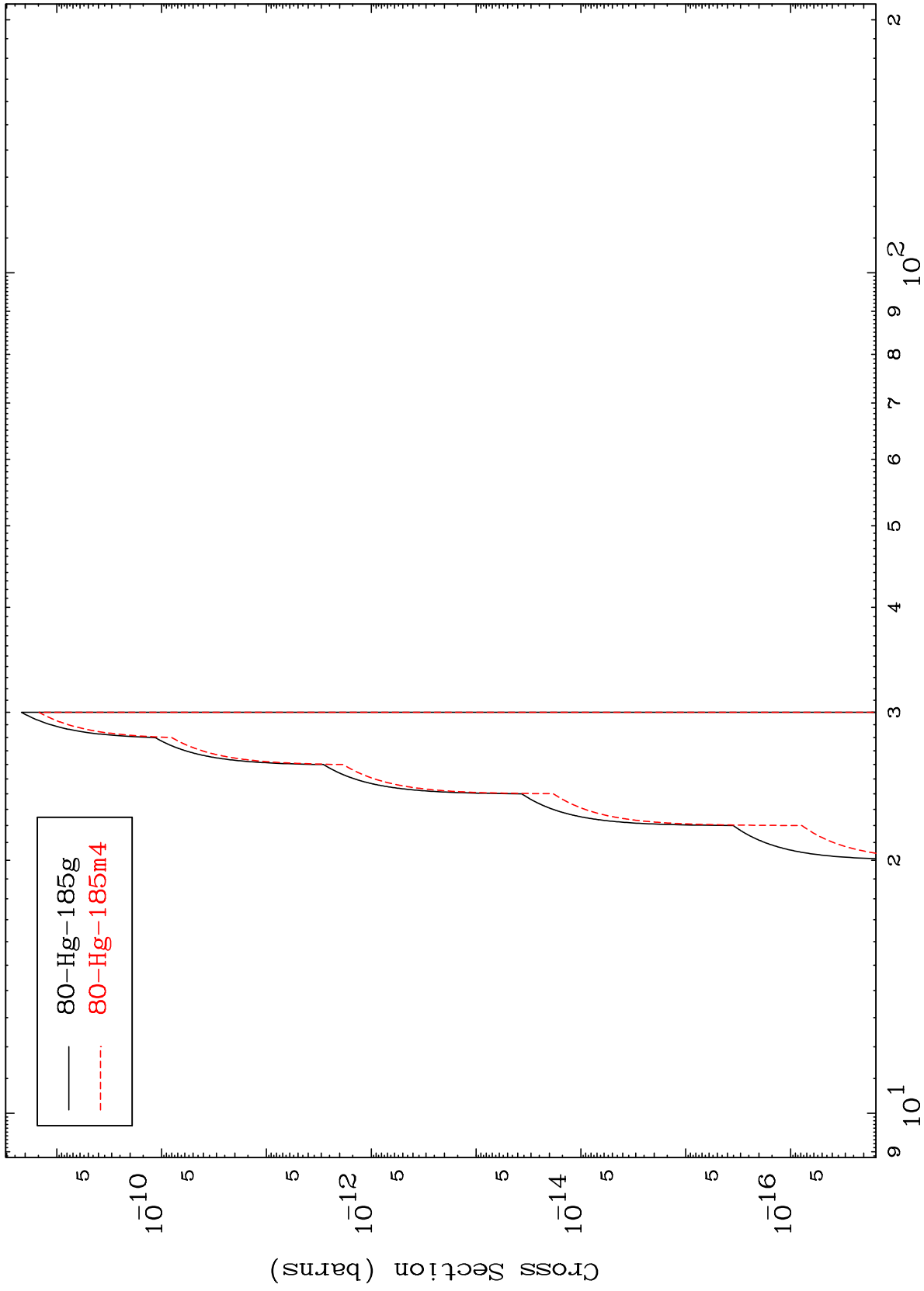
81-Tl-187

MAT 8078

(α, d) α

81-Tl-187

Radionuclide Production Cross Section



24