

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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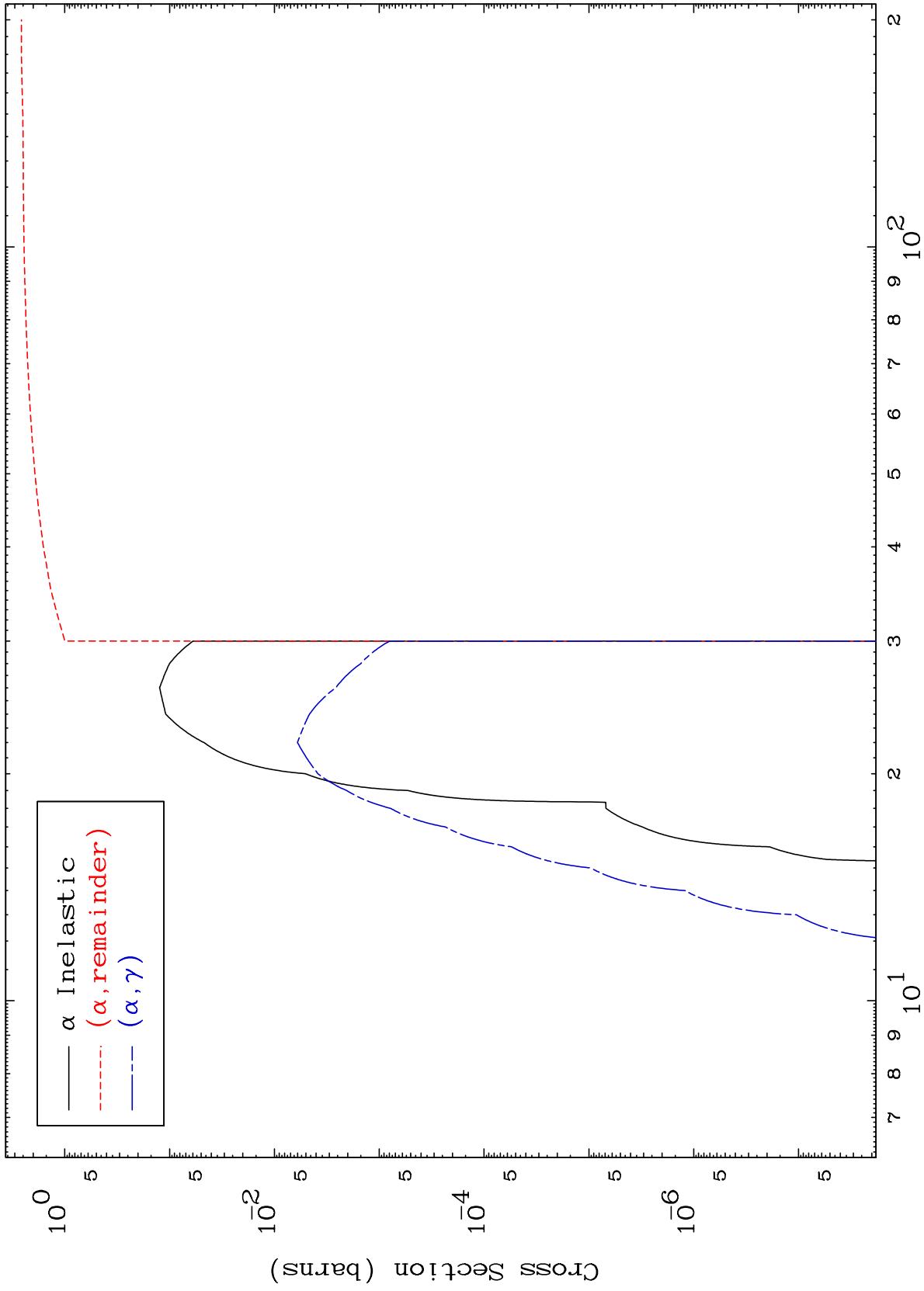
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8075

0 Kelvin α Major
Cross Sections

81-Tl-186



1

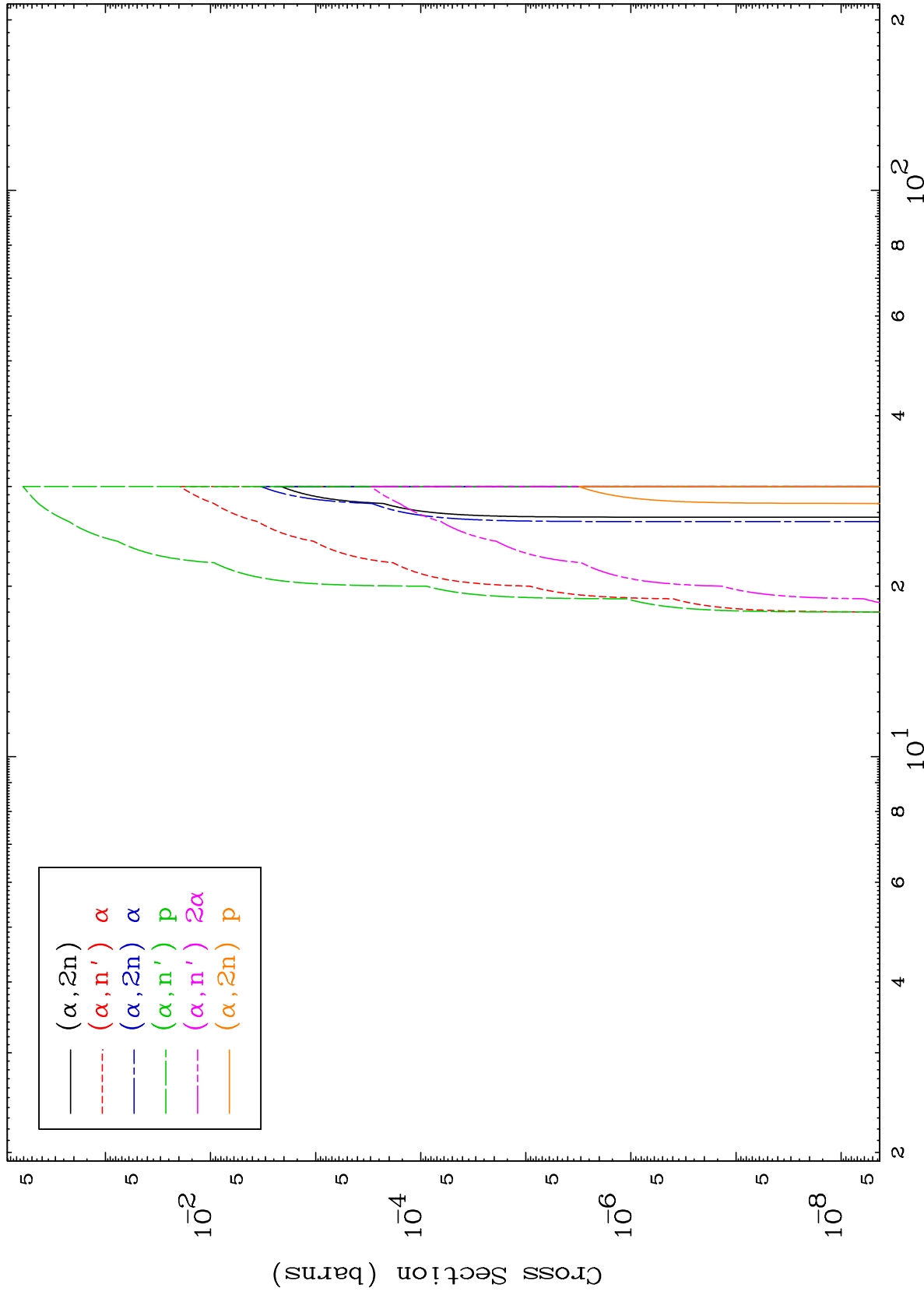
Incident Energy (MeV)

81-Tl-186

MAT 8075

α Neutron Production
0 Kelvin Cross Sections

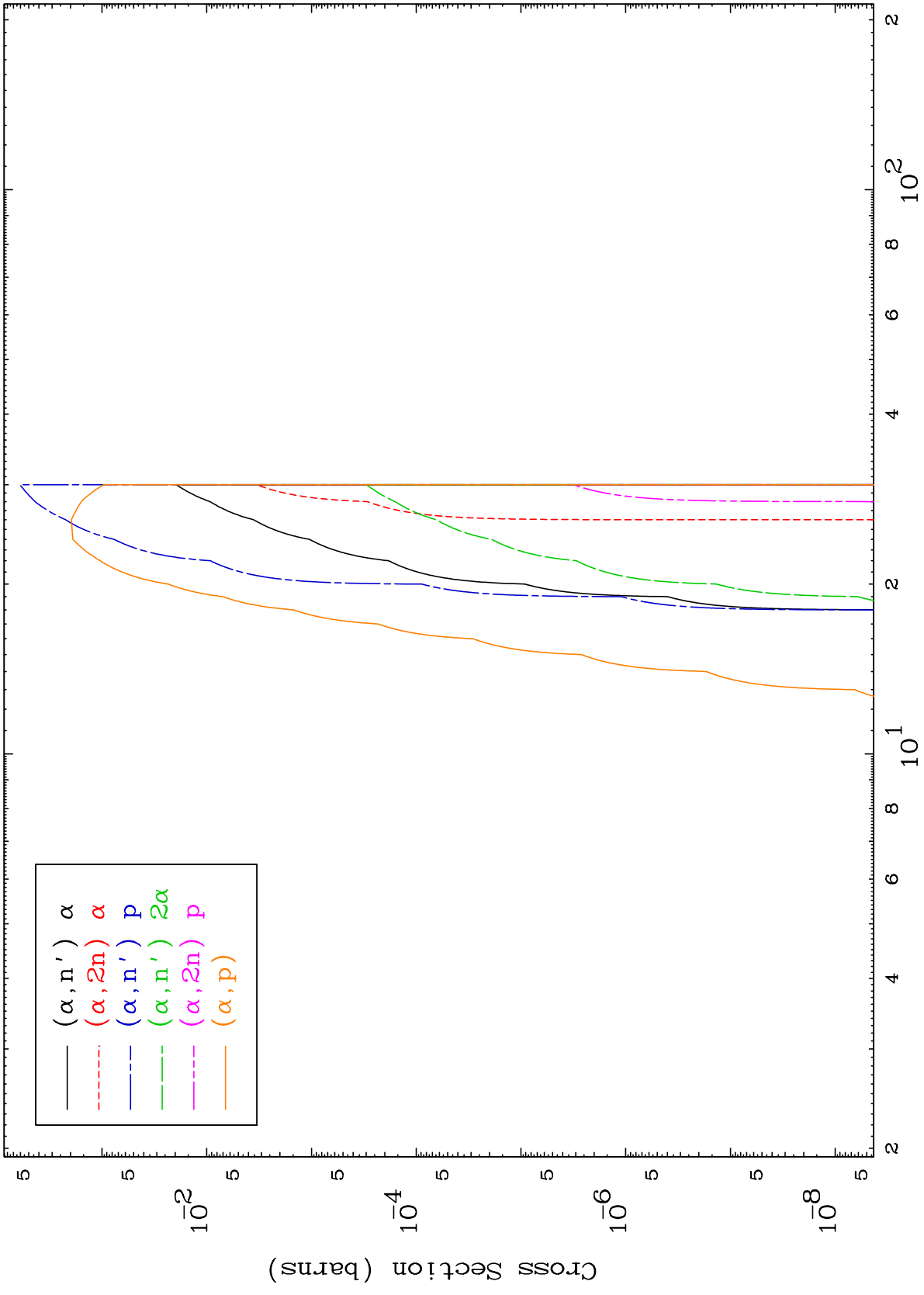
81-Tl-186



2

Incident Energy (MeV)

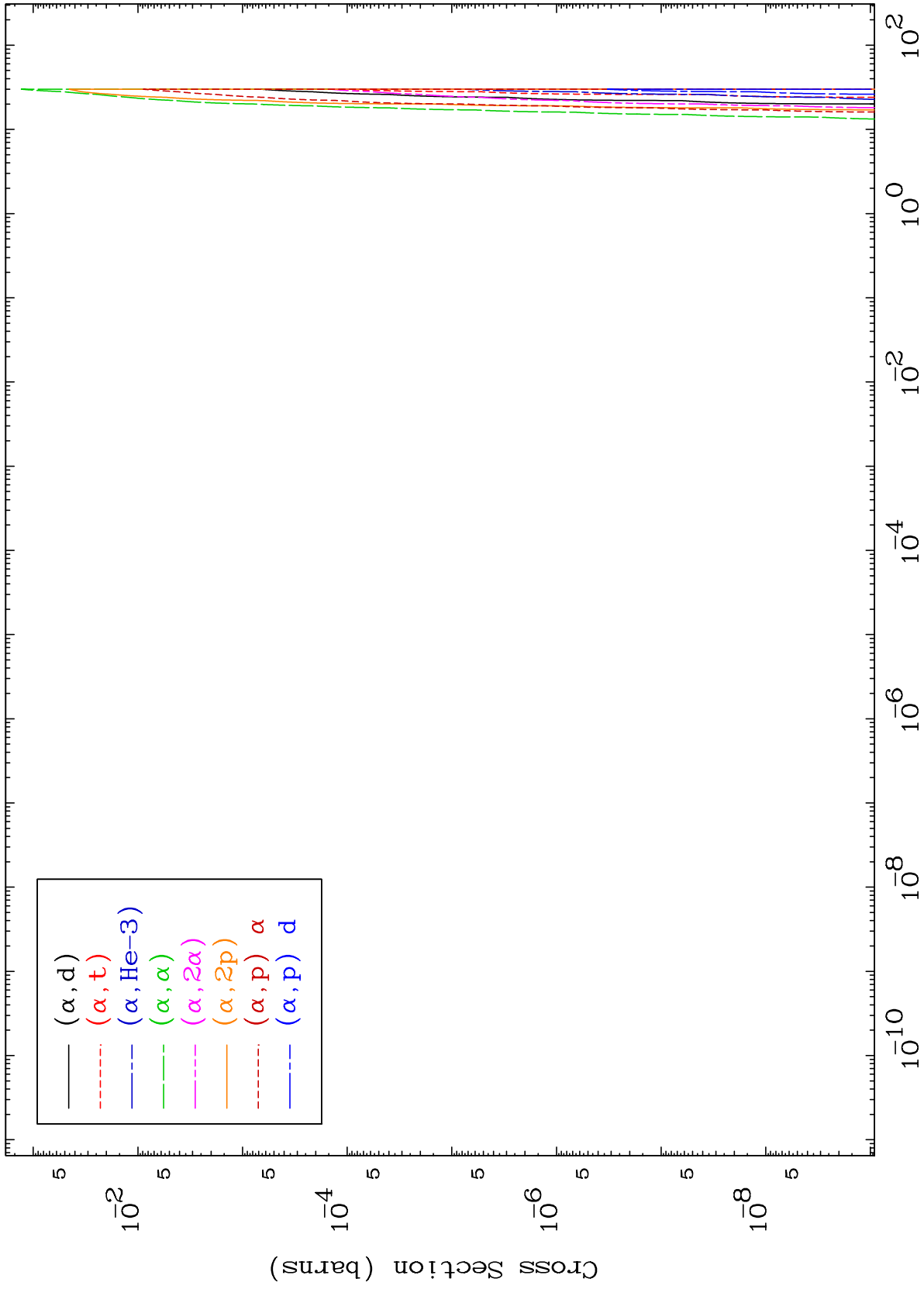
81-Tl-186



MAT 8075

α Charged Particle
0 Kelvin Cross Sections

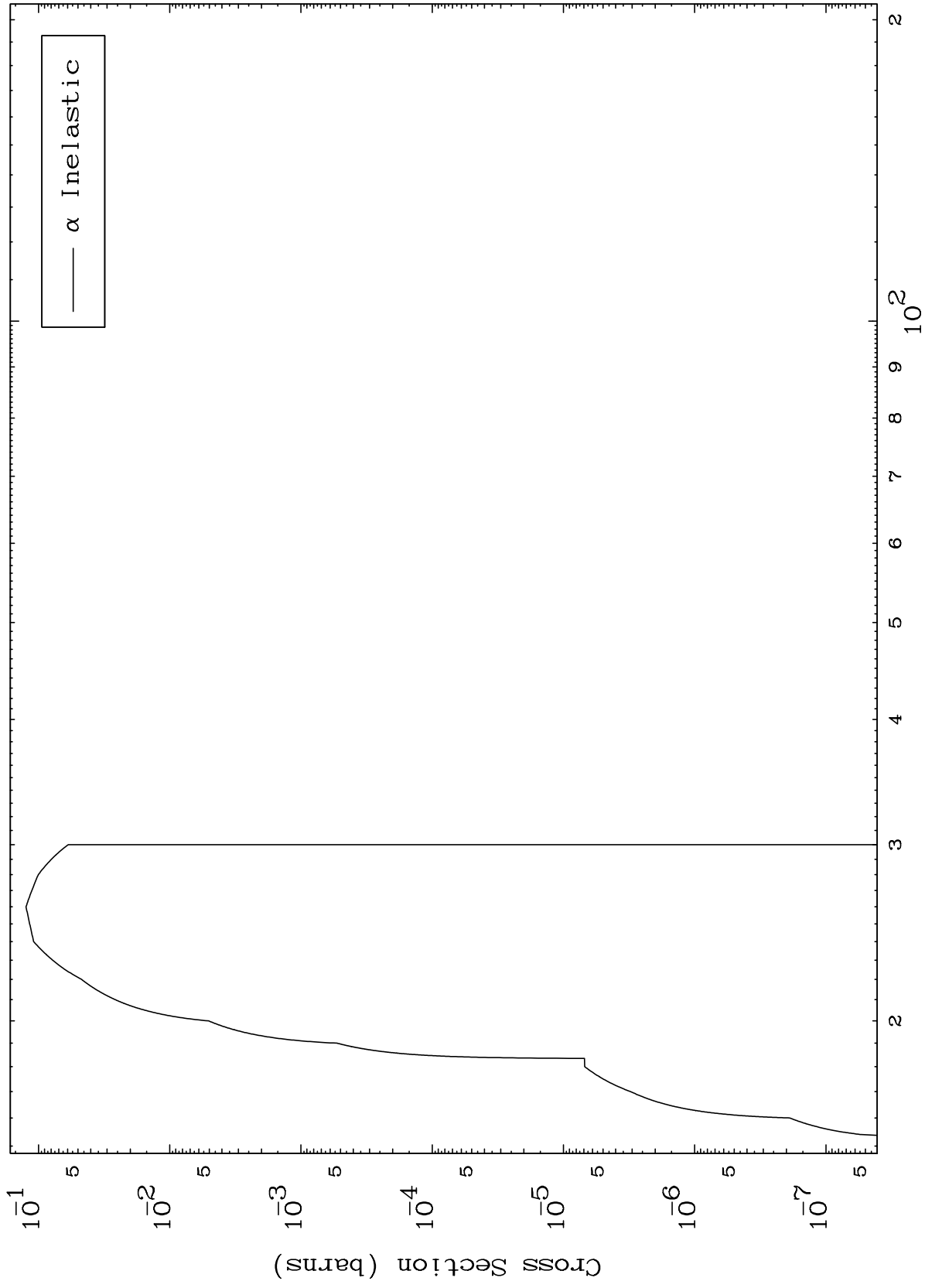
81-Tl-186



MAT 8075

(α, n') Level
0 Kelvin Cross Sections

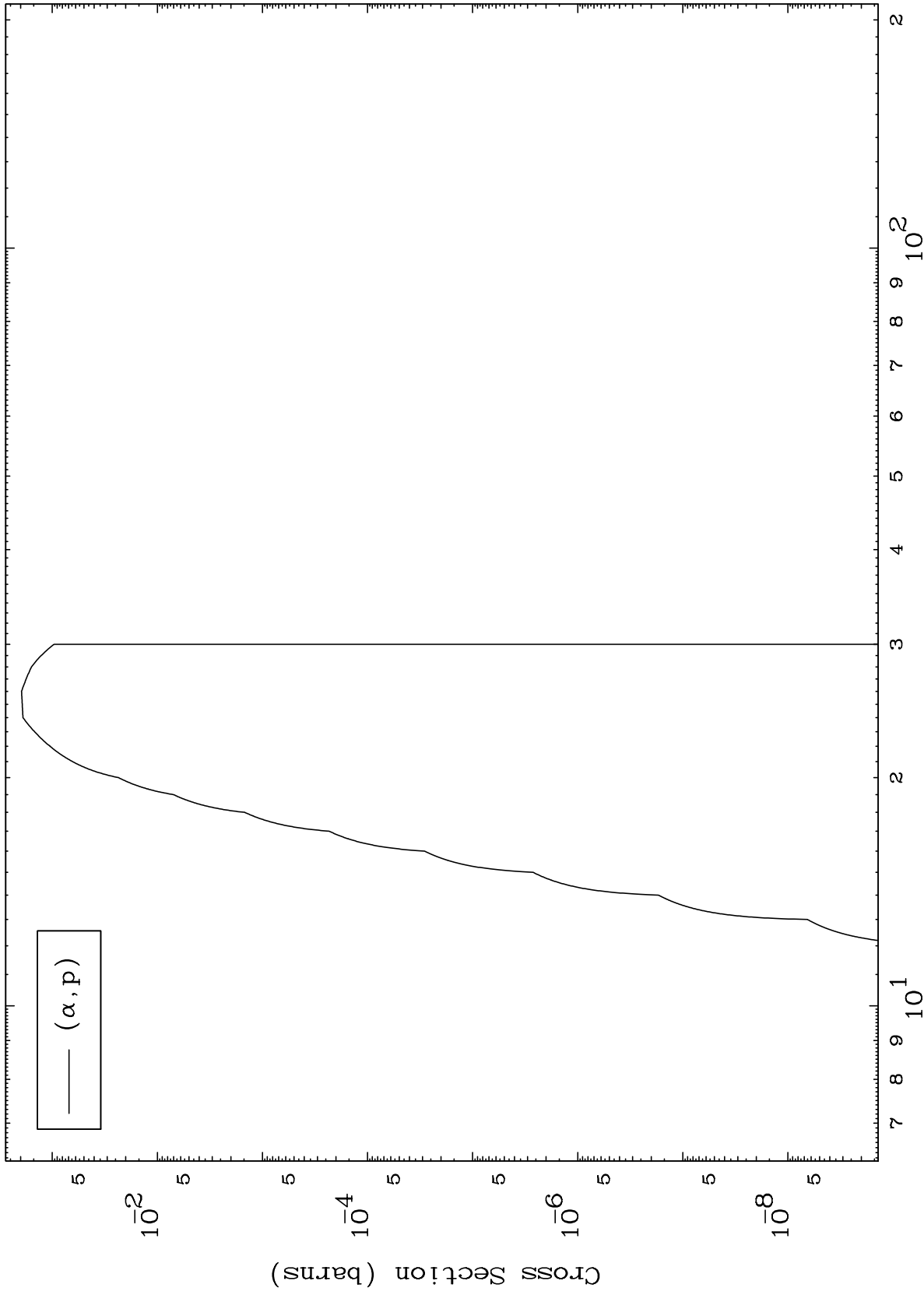
81-T1-186



5

Incident Energy (MeV)

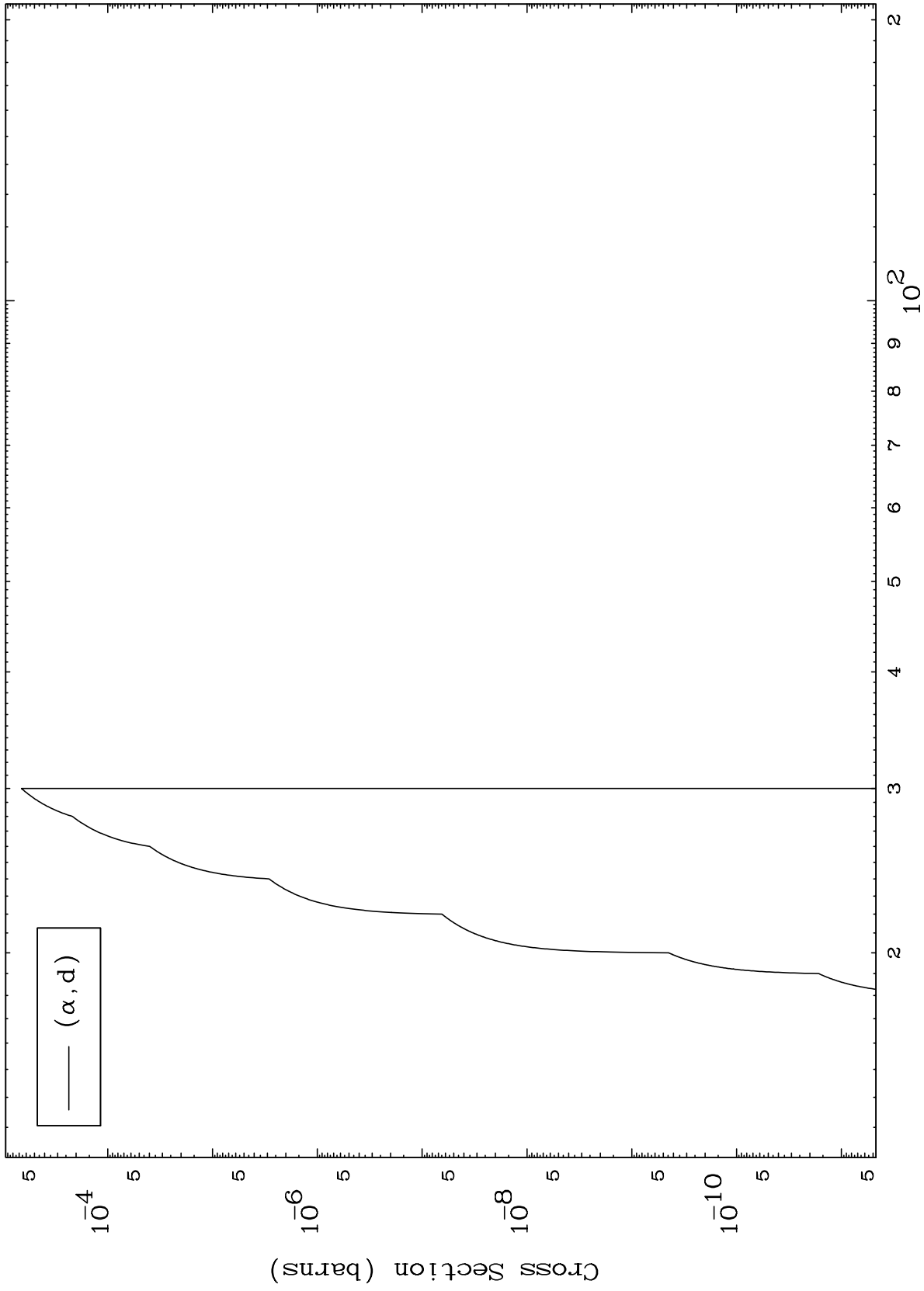
81-T1-186



MAT 8075

(α, d) Levels
0 Kelvin Cross Sections

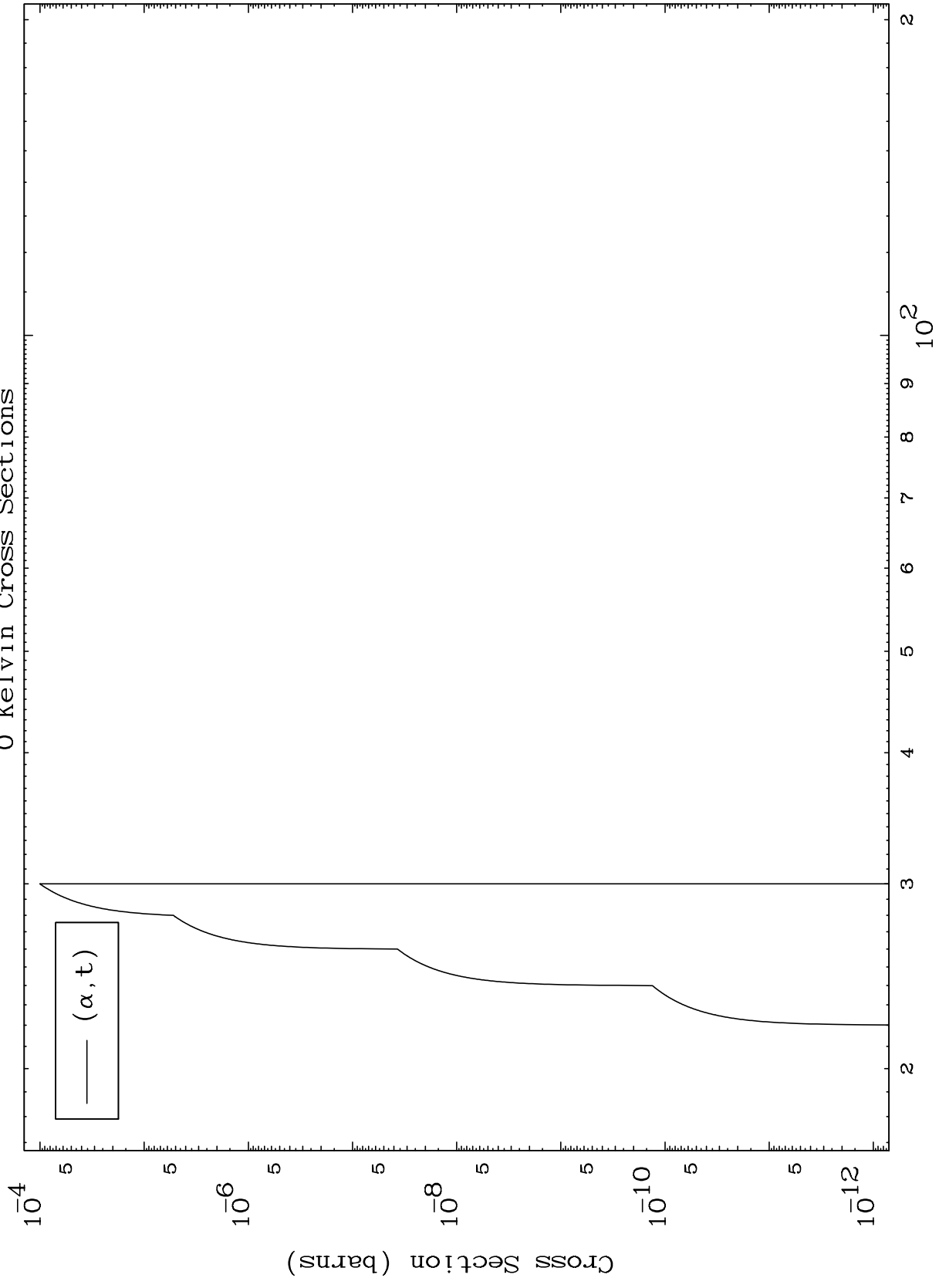
81-Tl-186



MAT 8075

(α, t) Levels
0 Kelvin Cross Sections

81-T1-186



8

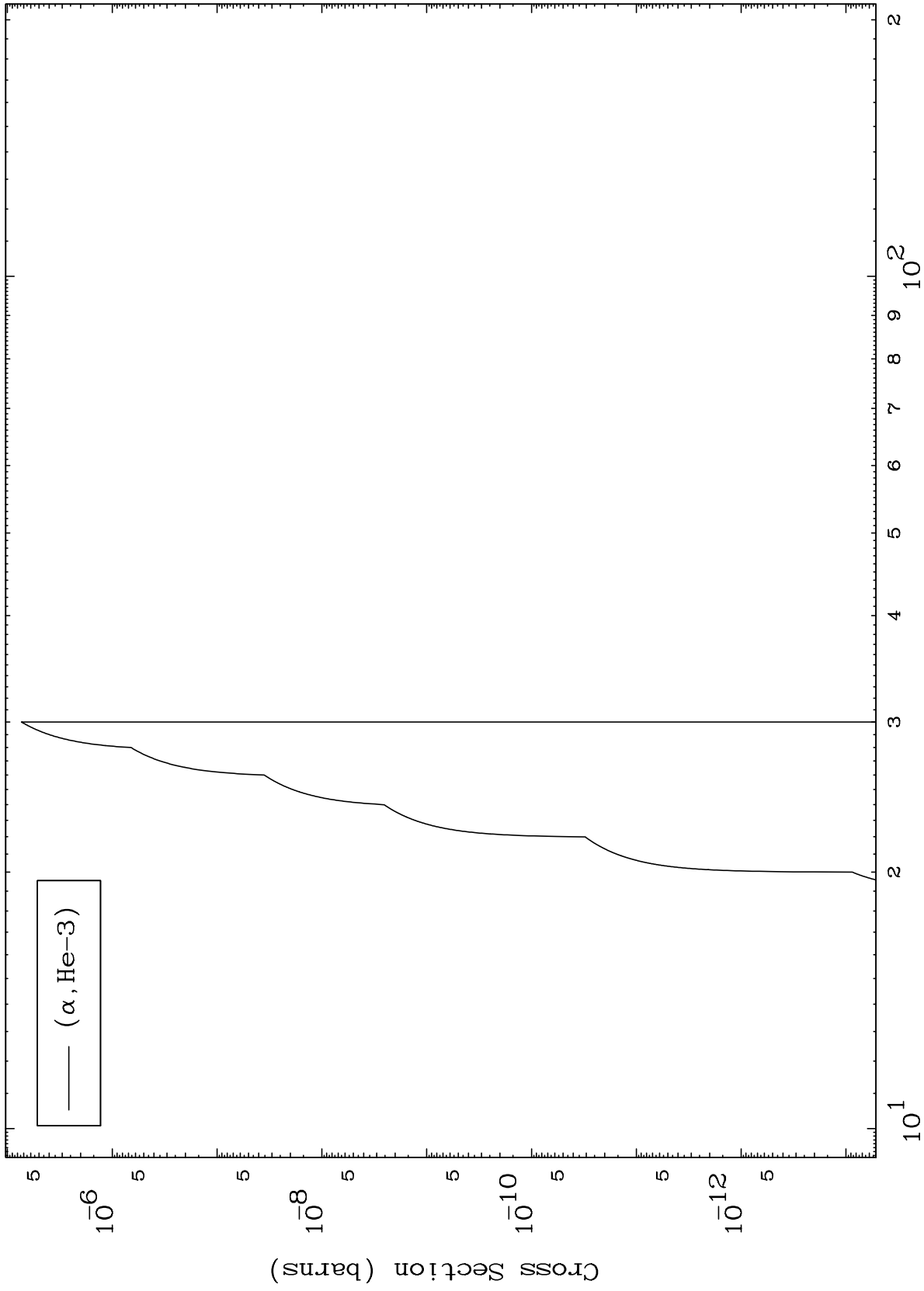
Incident Energy (MeV)

81-T1-186

MAT 8075

(α ,He3) Levels
0 Kelvin Cross Sections

81-T1-186



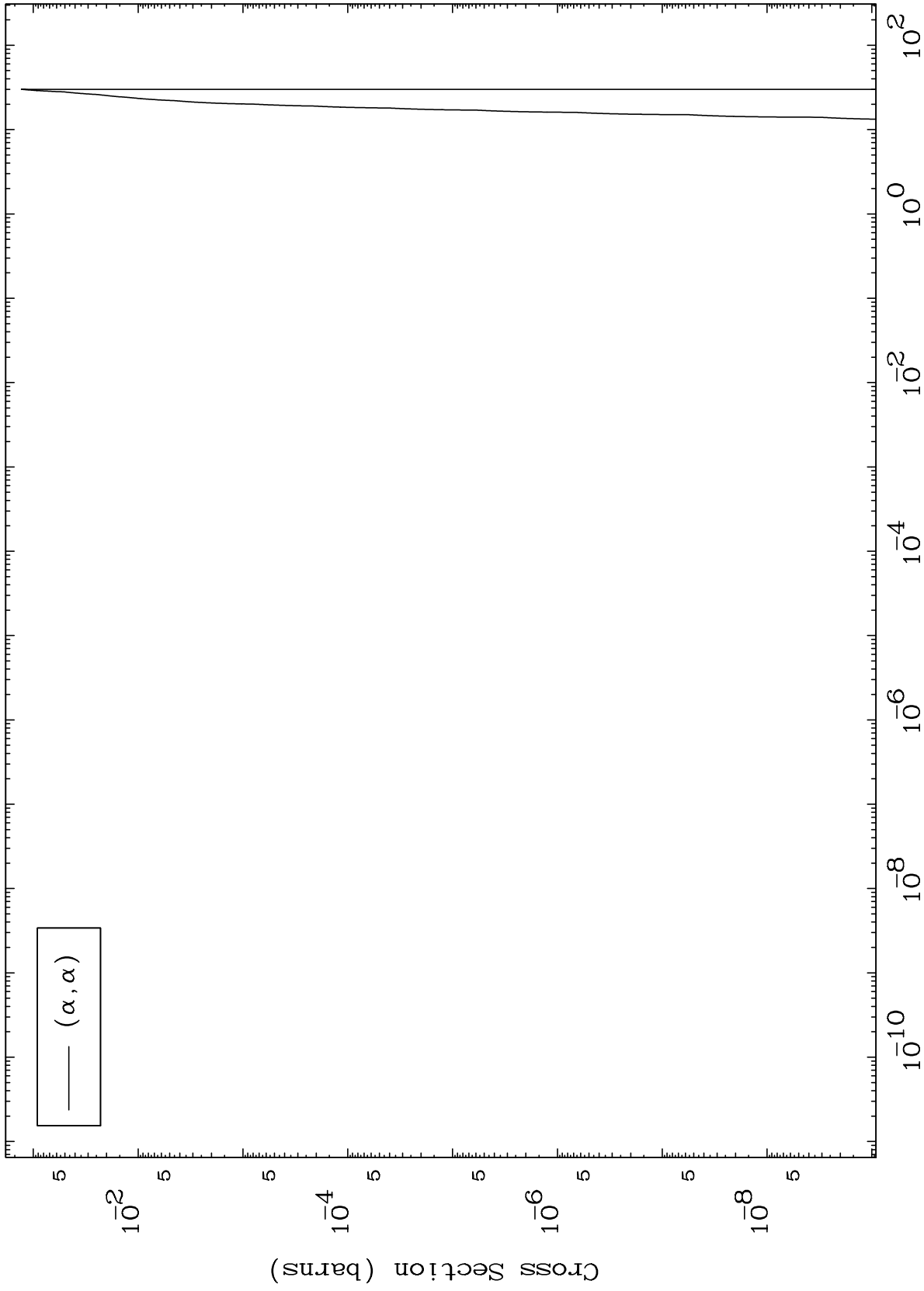
Incident Energy (MeV)

81-T1-186

MAT 8075

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-186



10

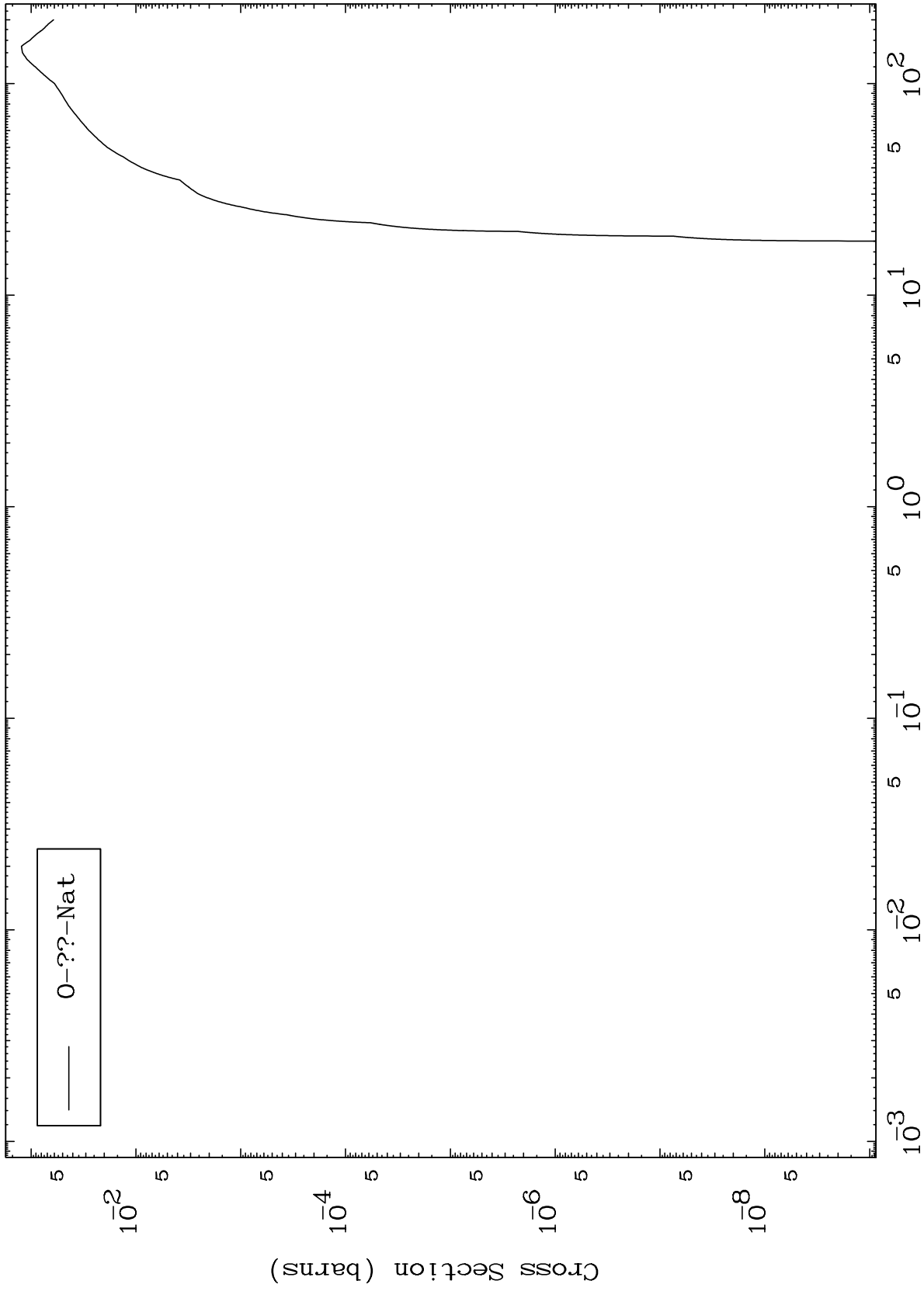
Incident Energy (MeV)

81-Tl-186

MAT 8075

α Fission
Radionuclide Production Cross Section

81-Tl-186



11

Incident Energy (MeV)

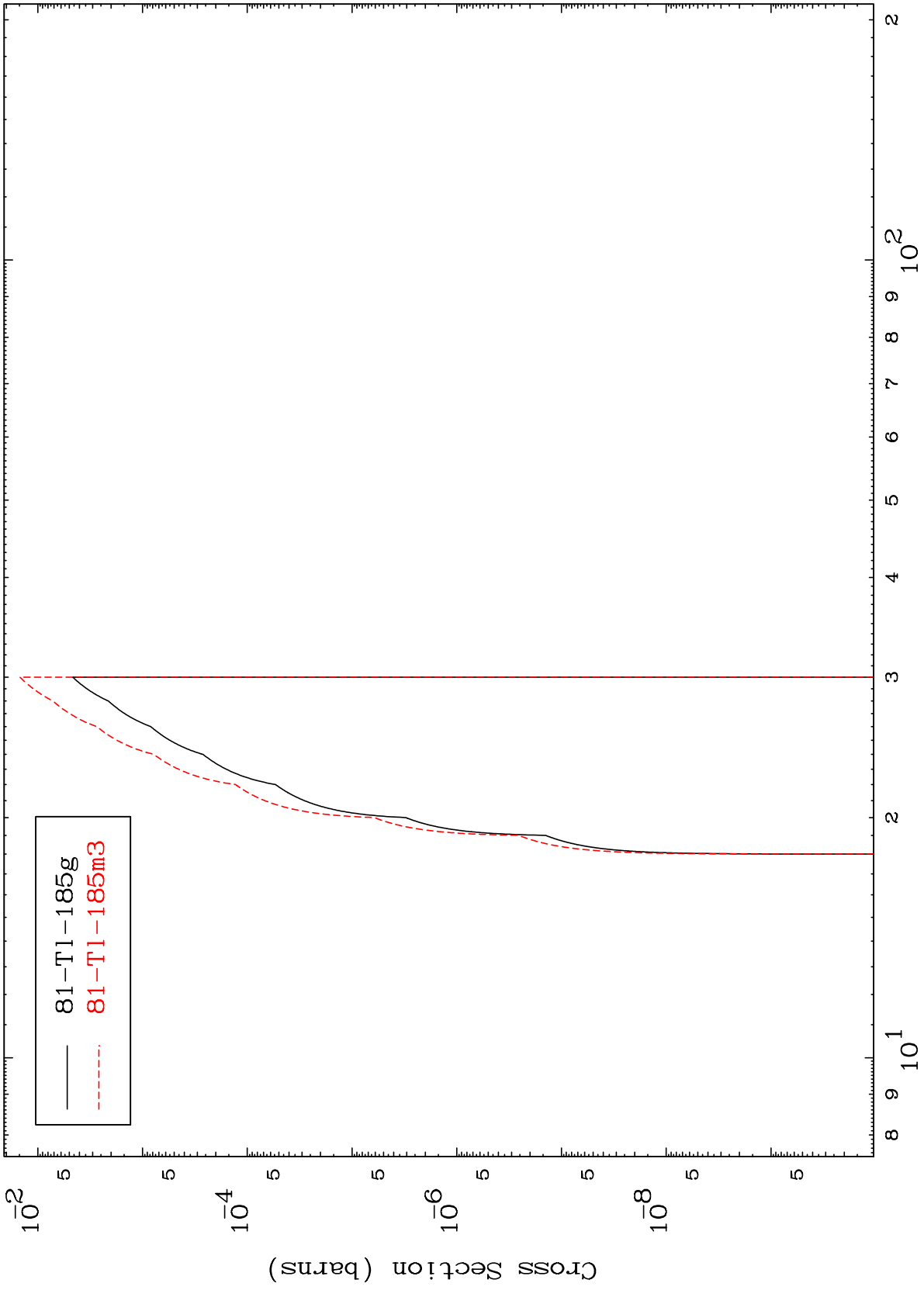
81-Tl-186

MAT 8075

(α, n') α

81-Tl-186

Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

12

Incident Energy (MeV)

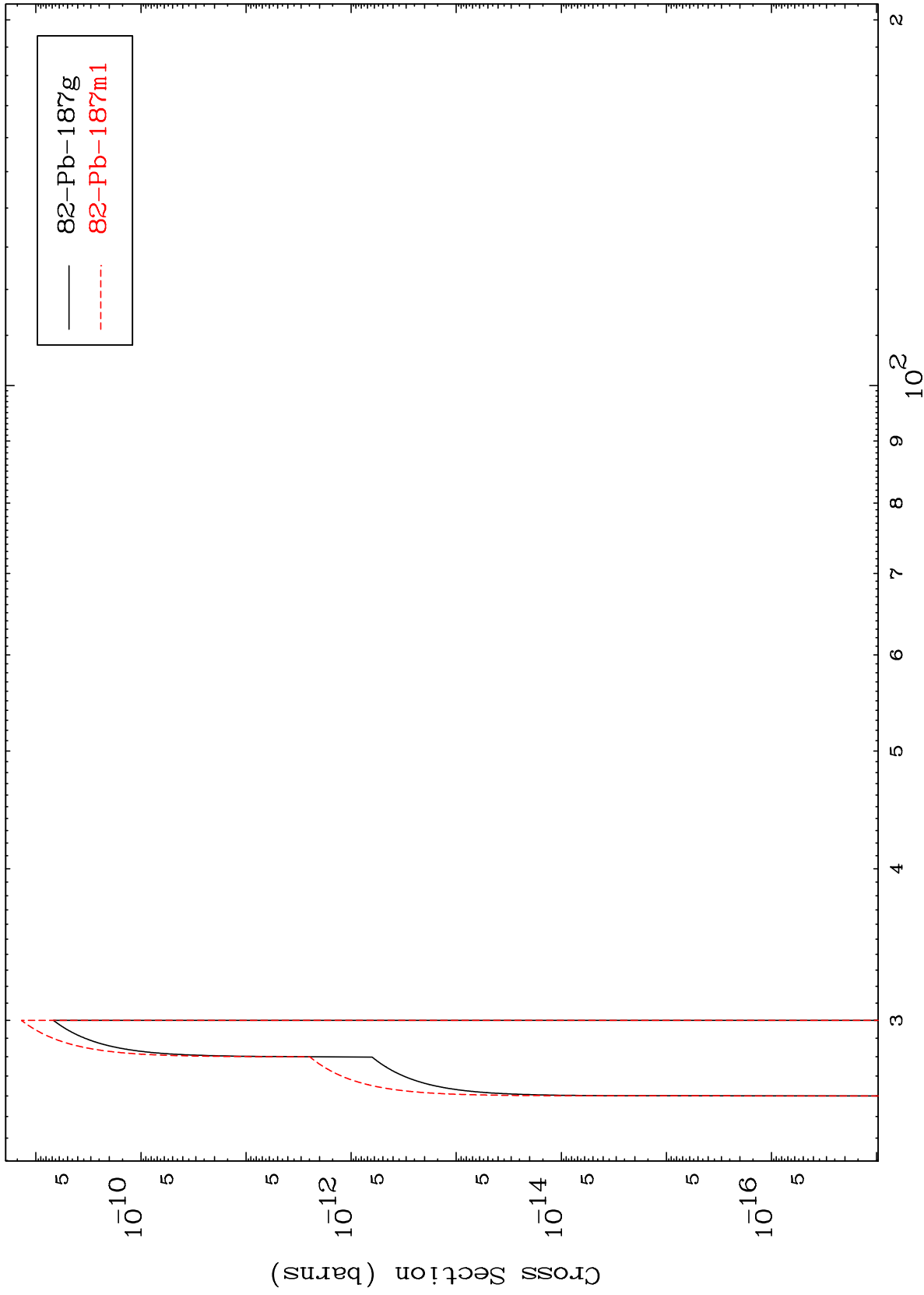
81-Tl-186

MAT 8075

(α, n') d

81-Tl-186

Radionuclide Production Cross Section



13

Incident Energy (MeV)

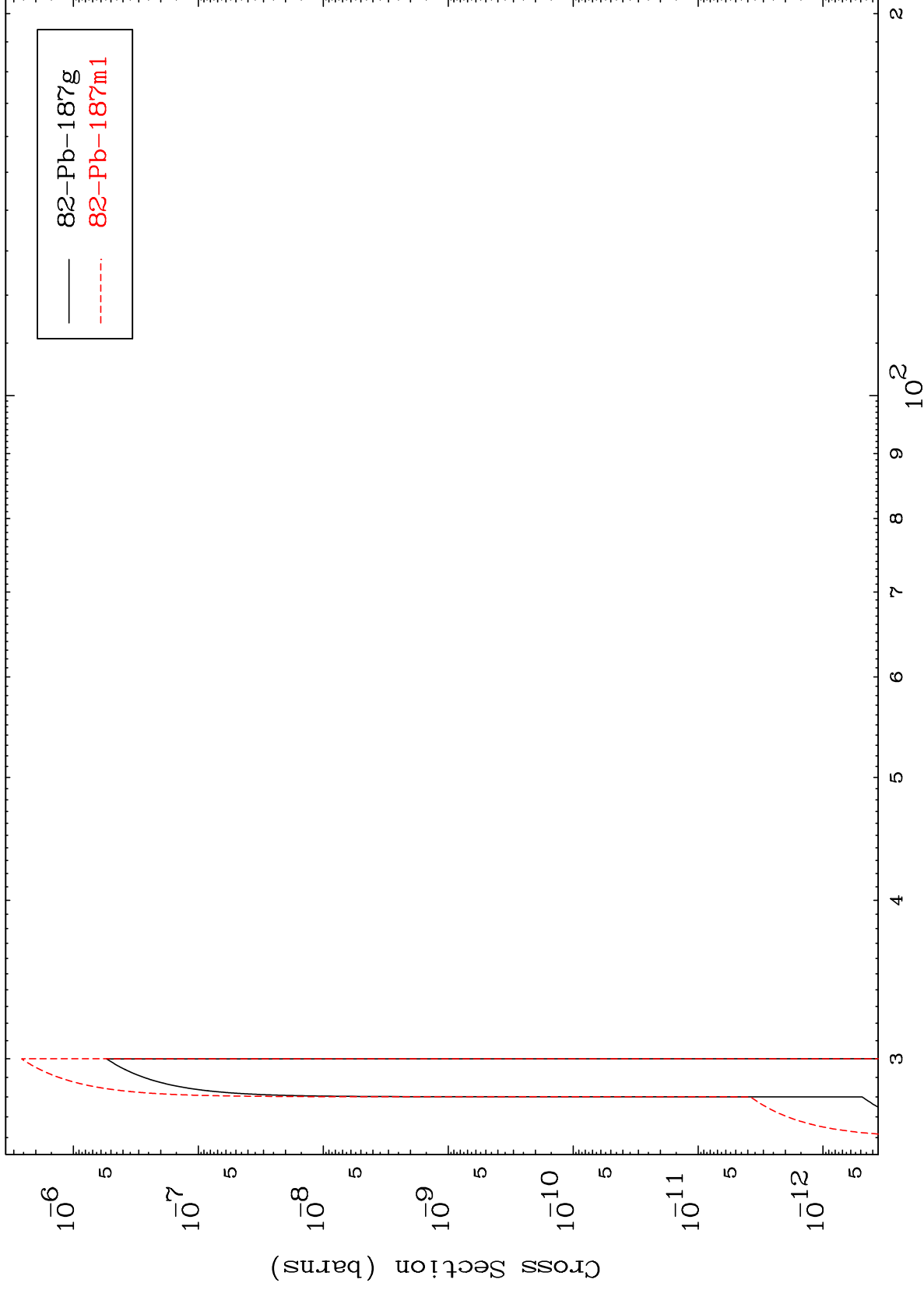
81-Tl-186

MAT 8075

($\alpha, 2n$) p

81-T1-186

Radionuclide Production Cross Section



14

Incident Energy (MeV)

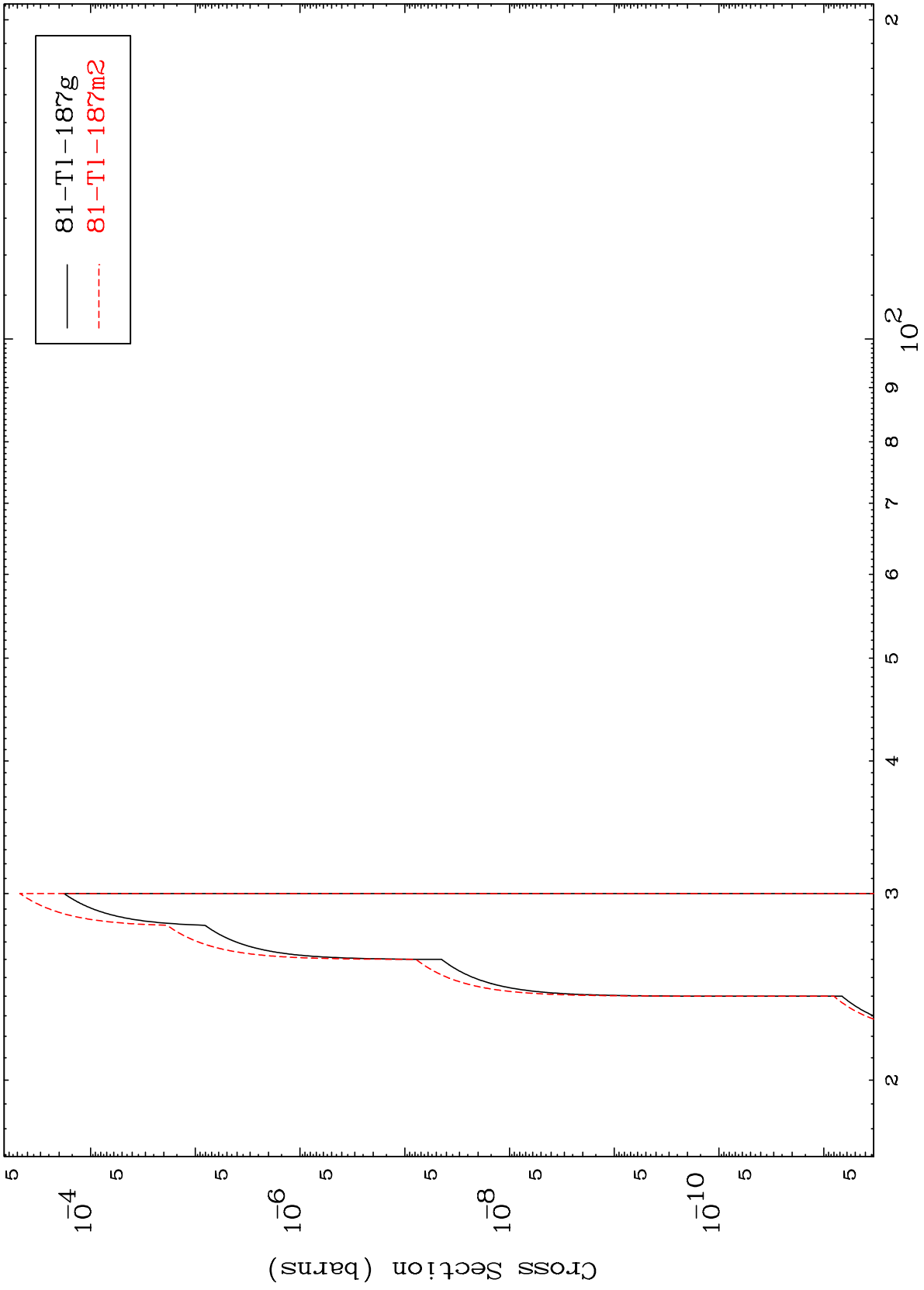
81-T1-186

MAT 8075

($\alpha, 2n$) p

81-Tl-186

Radionuclide Production Cross Section



15

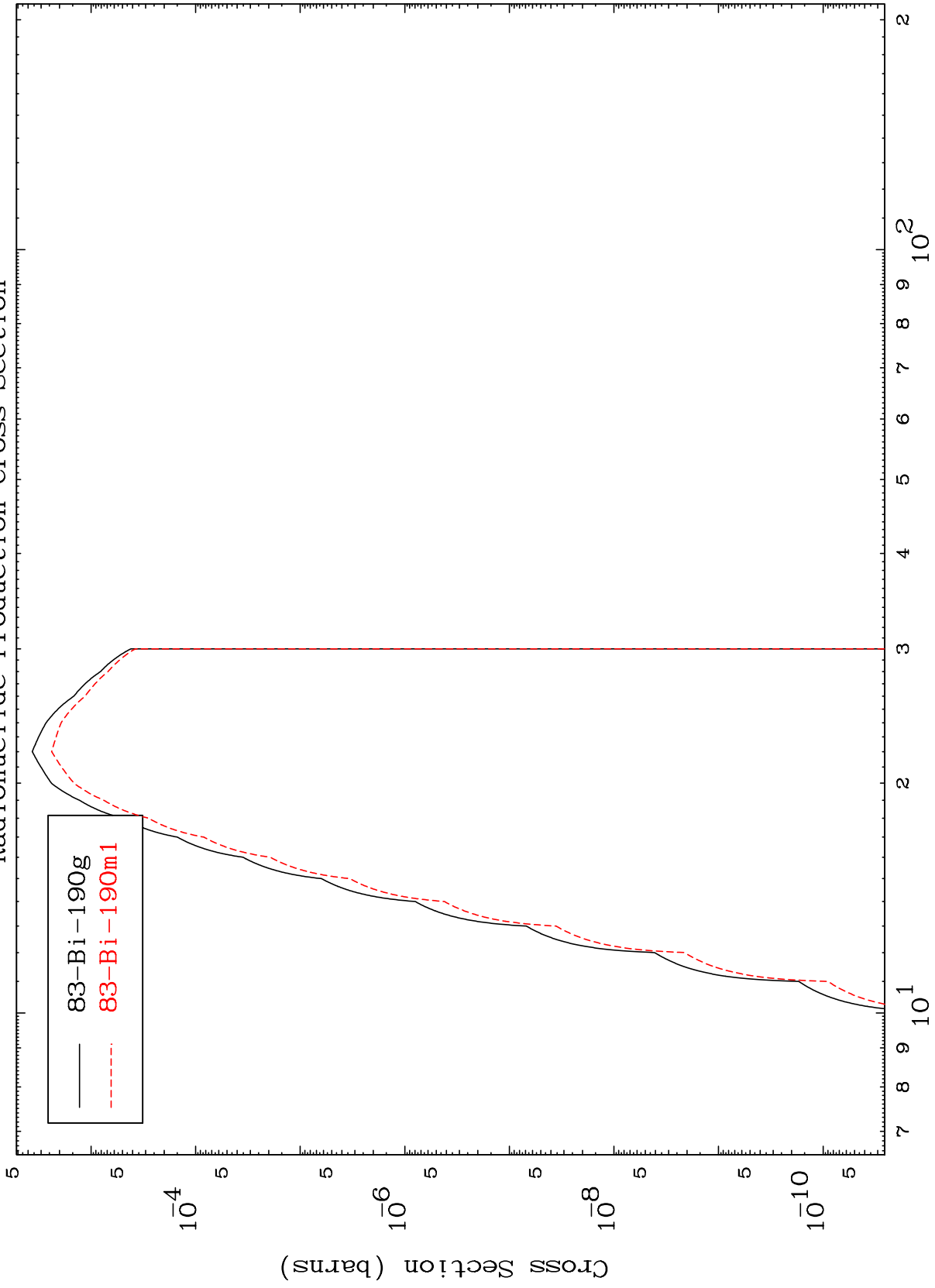
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

Radionuclide Production Cross Section
(α, γ)



16

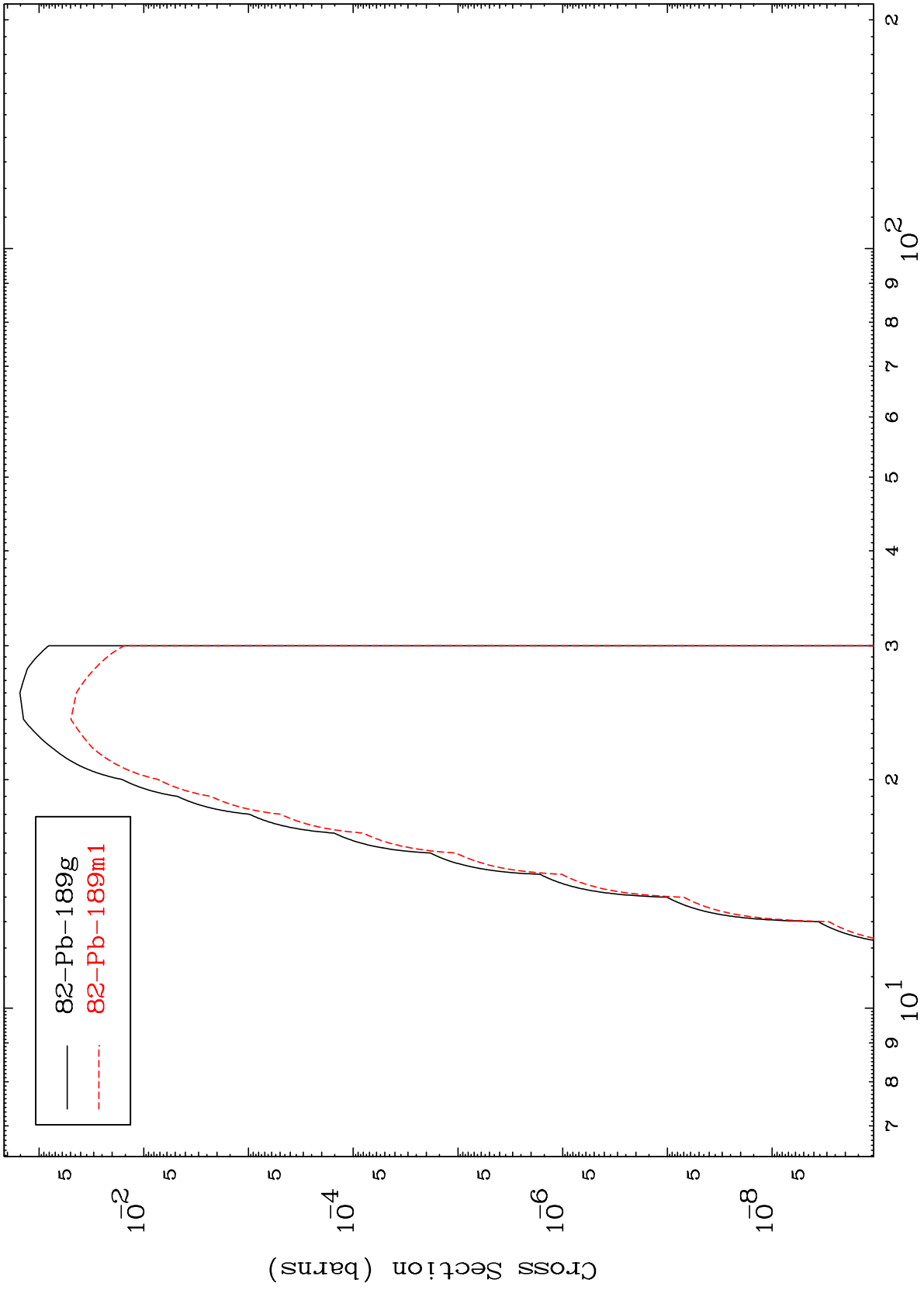
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

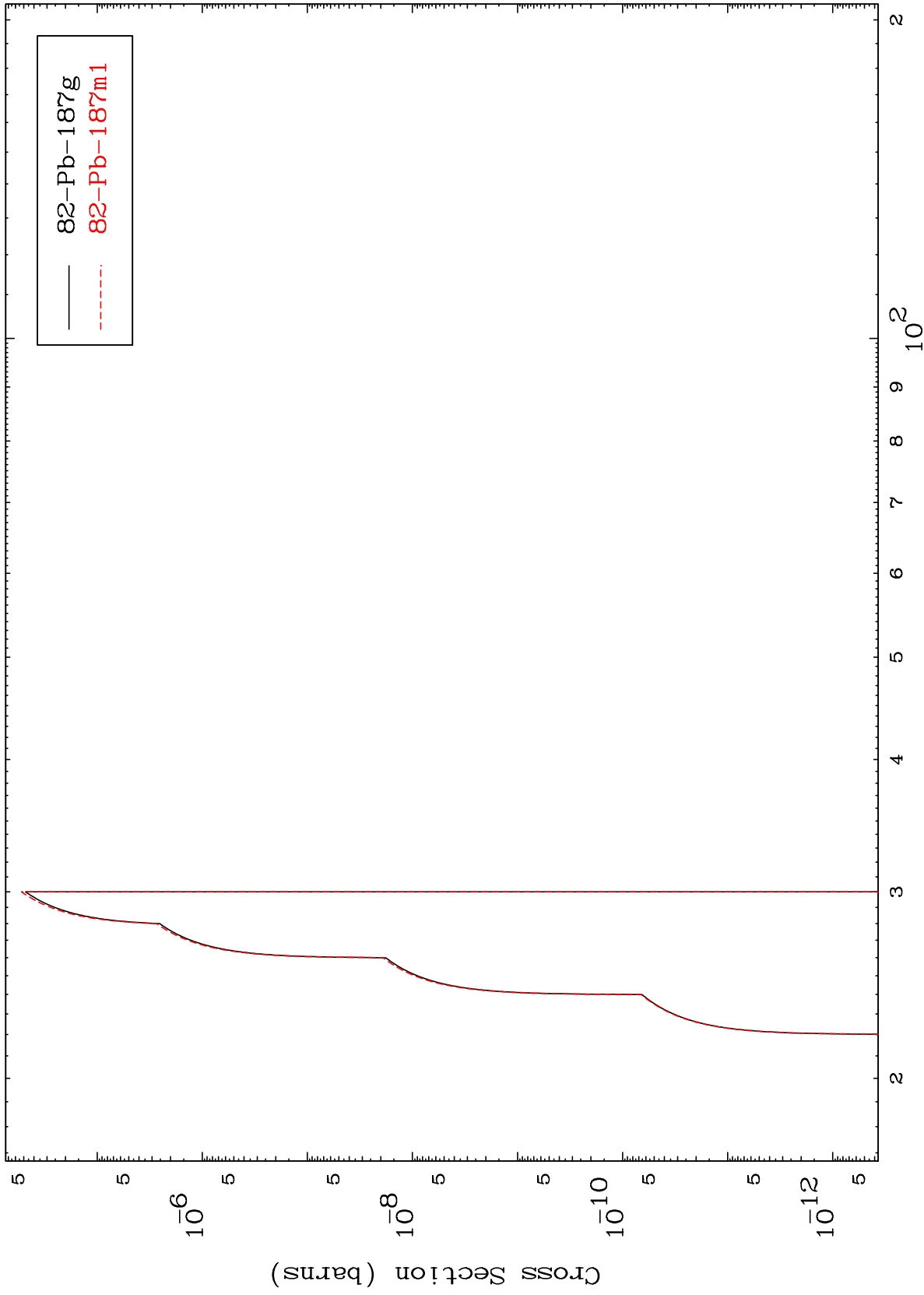
81-Tl-186

MAT 8075

(α, t)

81-T1-186

Radionuclide Production Cross Section



18

Incident Energy (MeV)

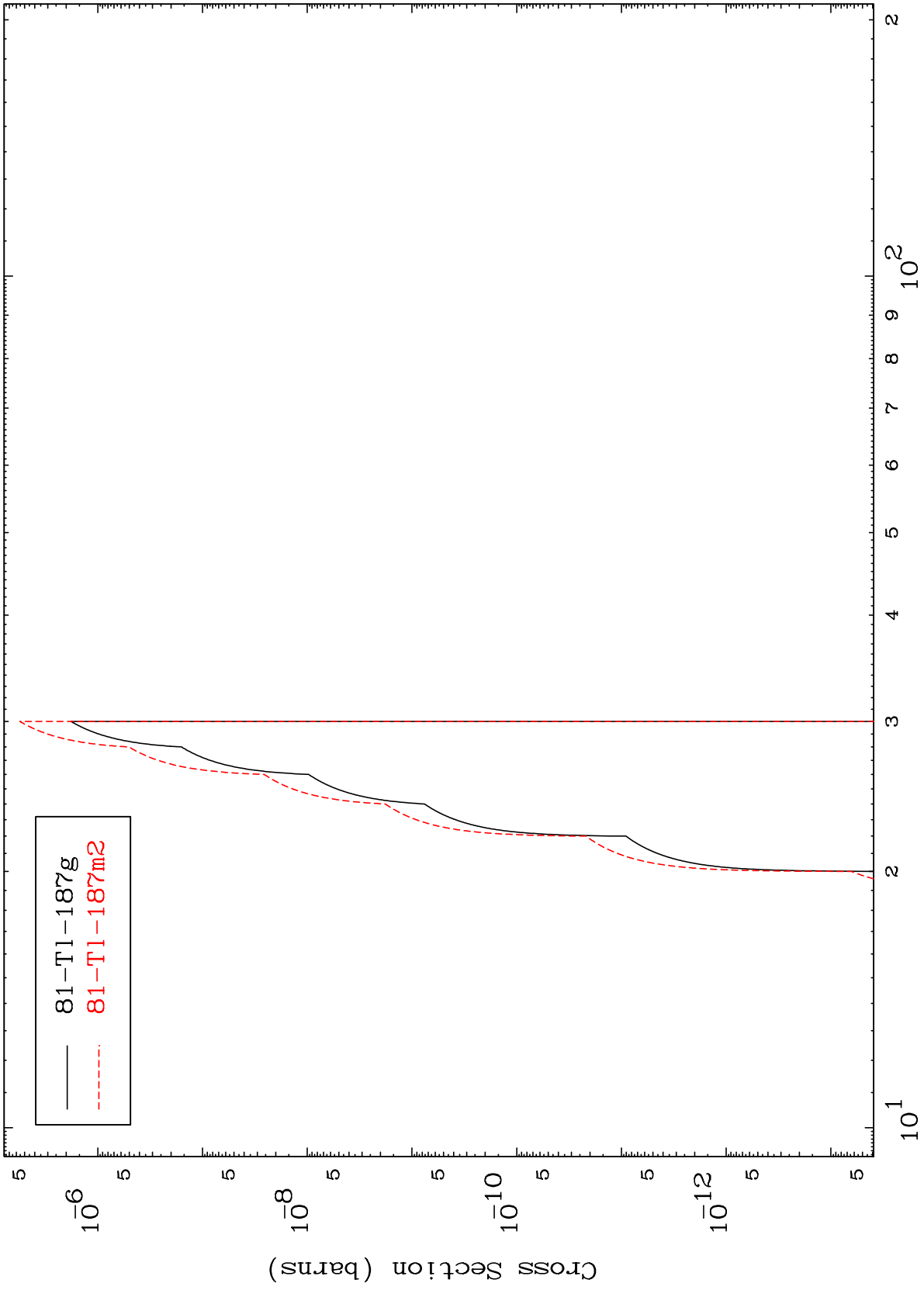
81-T1-186

MAT 8075

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

81-Tl-186

Radionuclide Production Cross Section



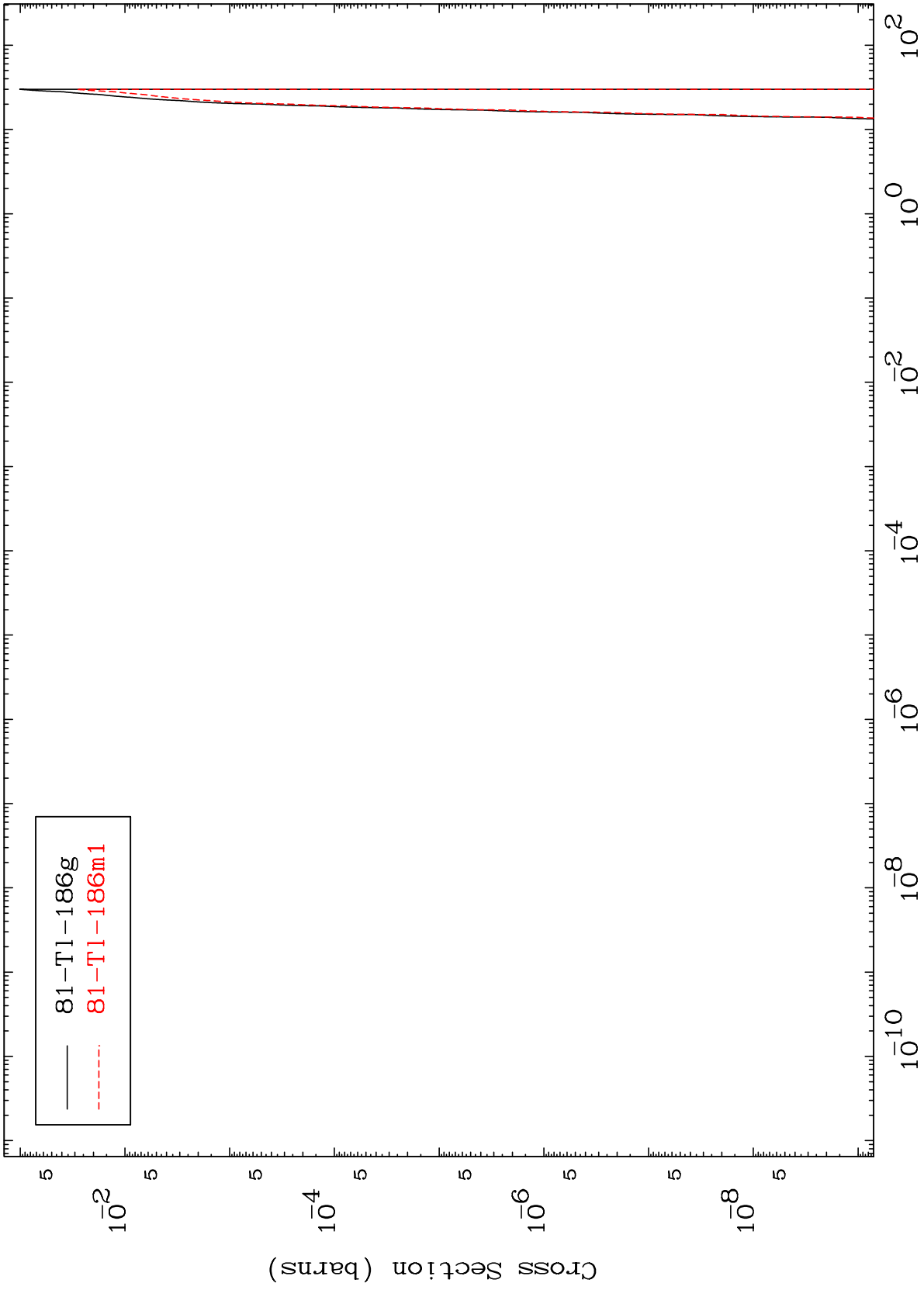
81-Tl-187g
81-Tl-187m2

MAT 8075

(α, α)

81-Tl-186

Radionuclide Production Cross Section



20

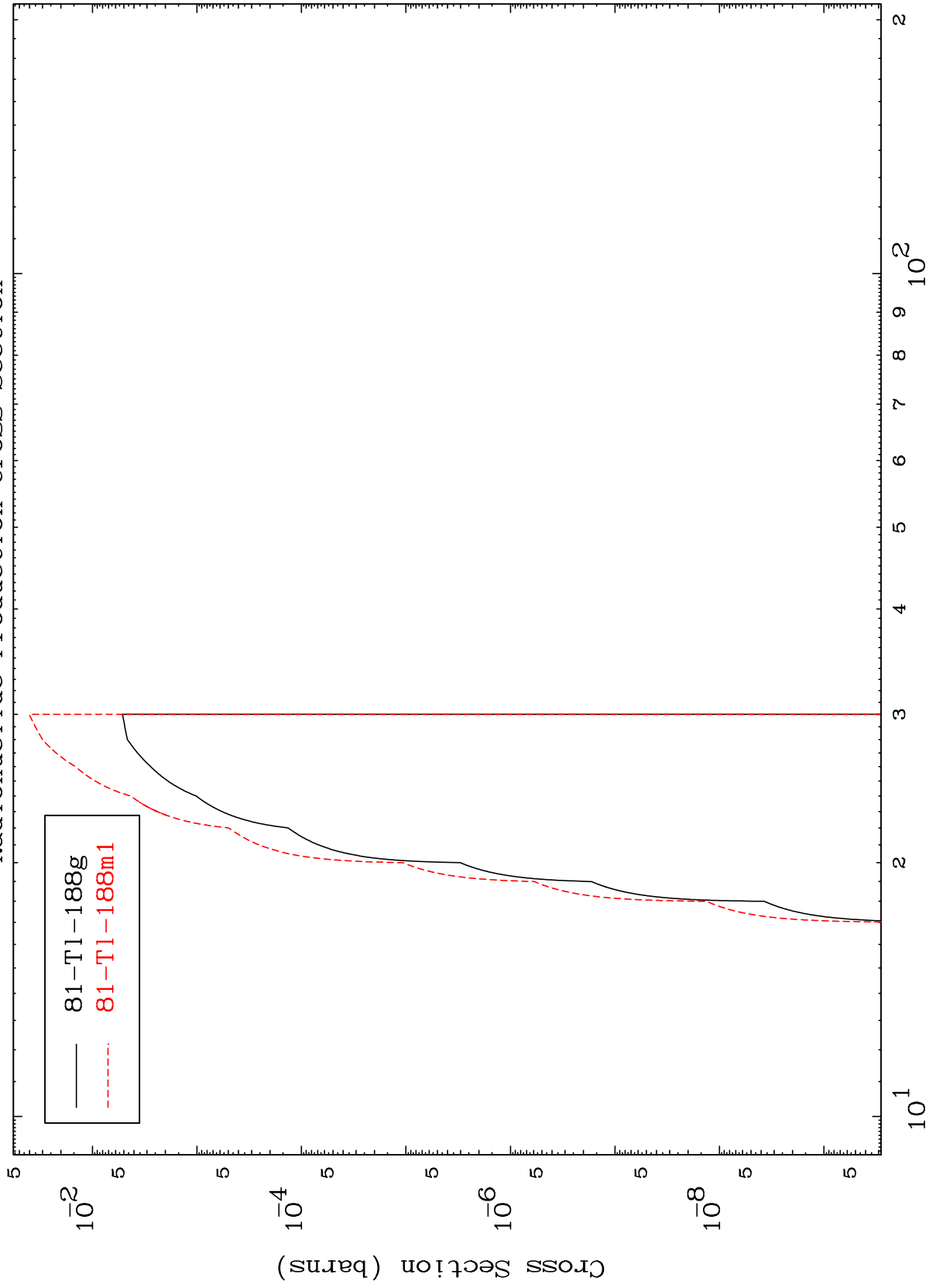
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

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



21

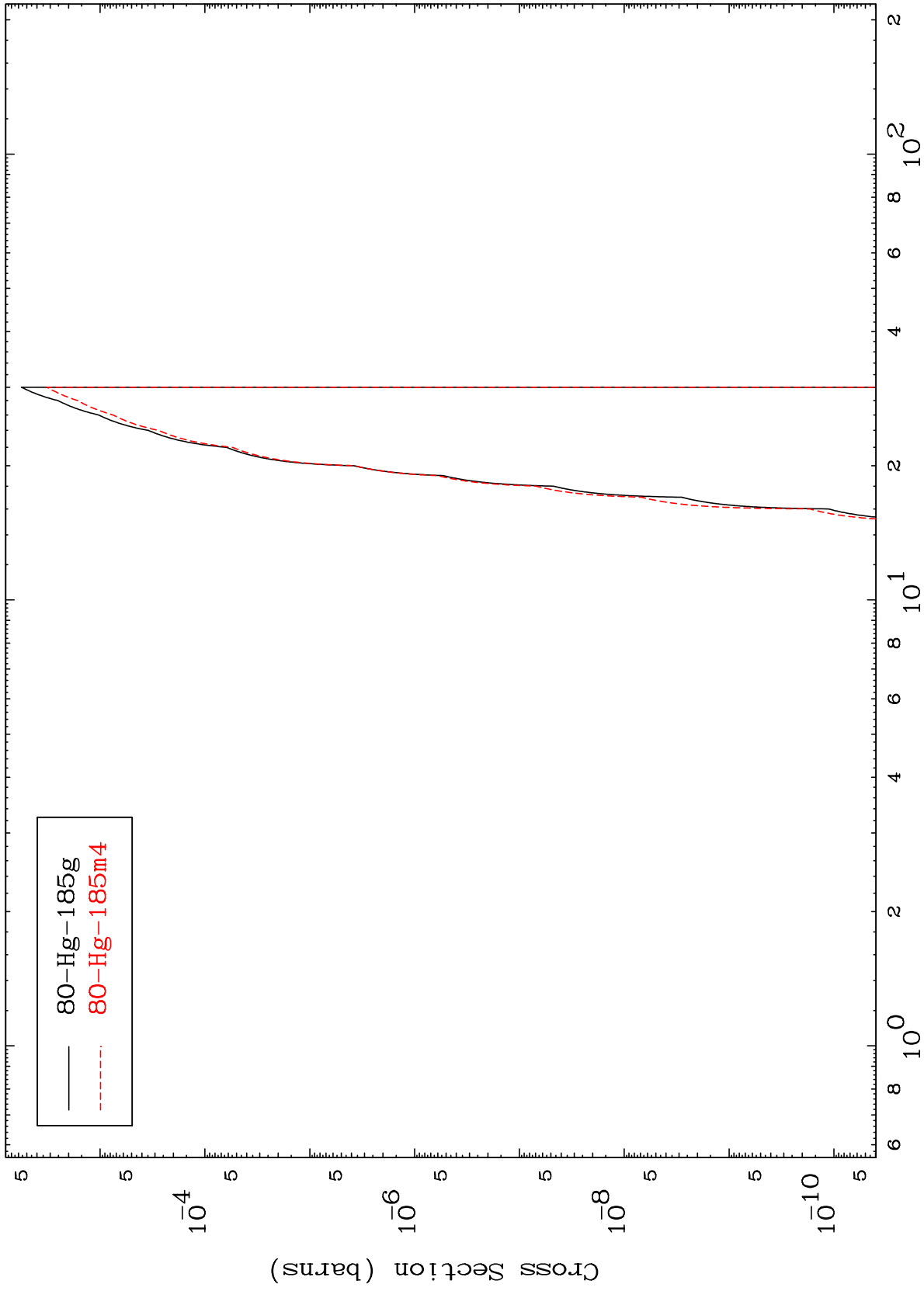
81-Tl-186

MAT 8075

(α, p) α

81-Tl-186

Radionuclide Production Cross Section



22

Incident Energy (MeV)

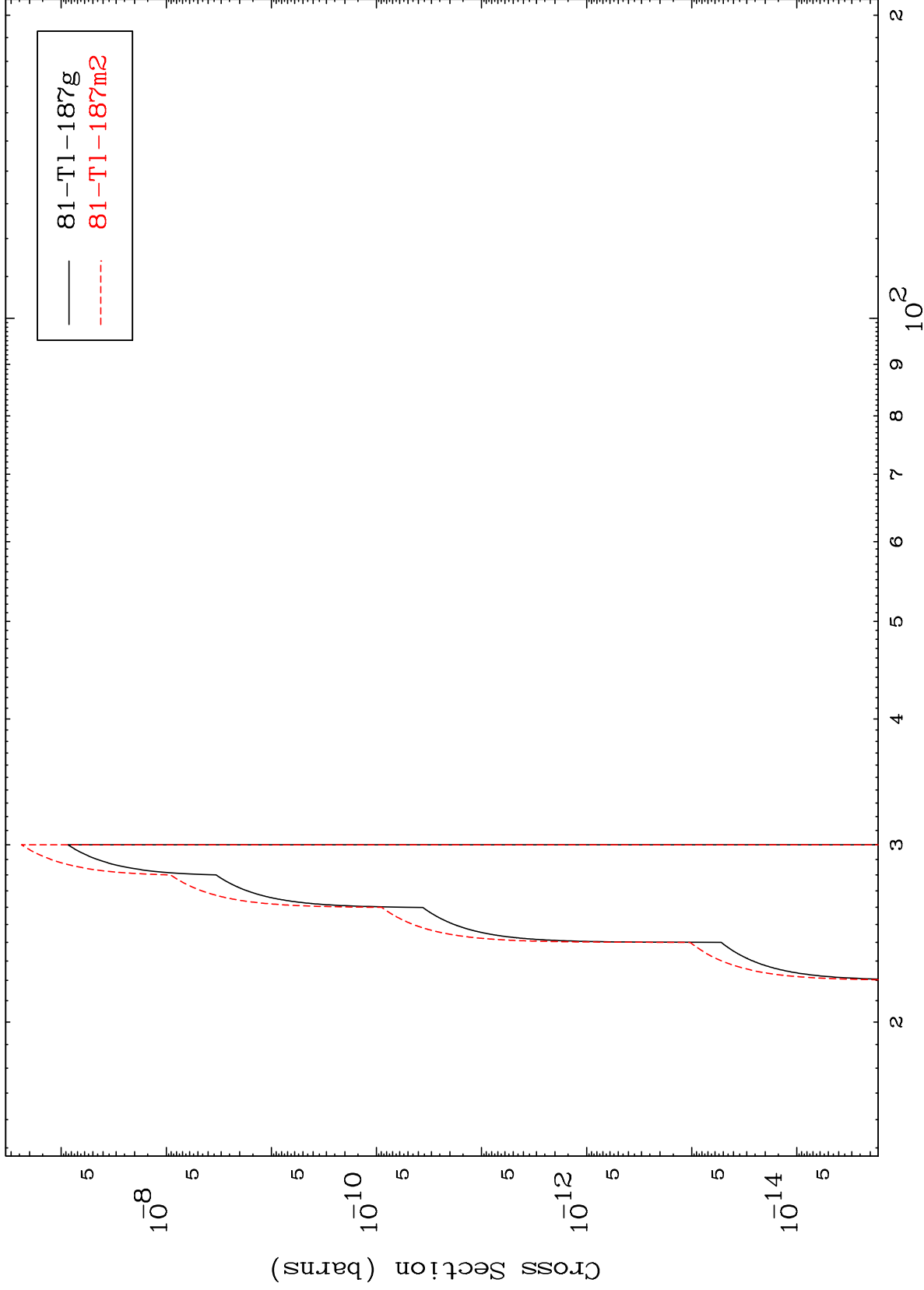
81-Tl-186

MAT 8075

(α, p) d

81-Tl-186

Radionuclide Production Cross Section



23

Incident Energy (MeV)

81-Tl-186