

Program EVALPLOT
(Version 2018-1)

by

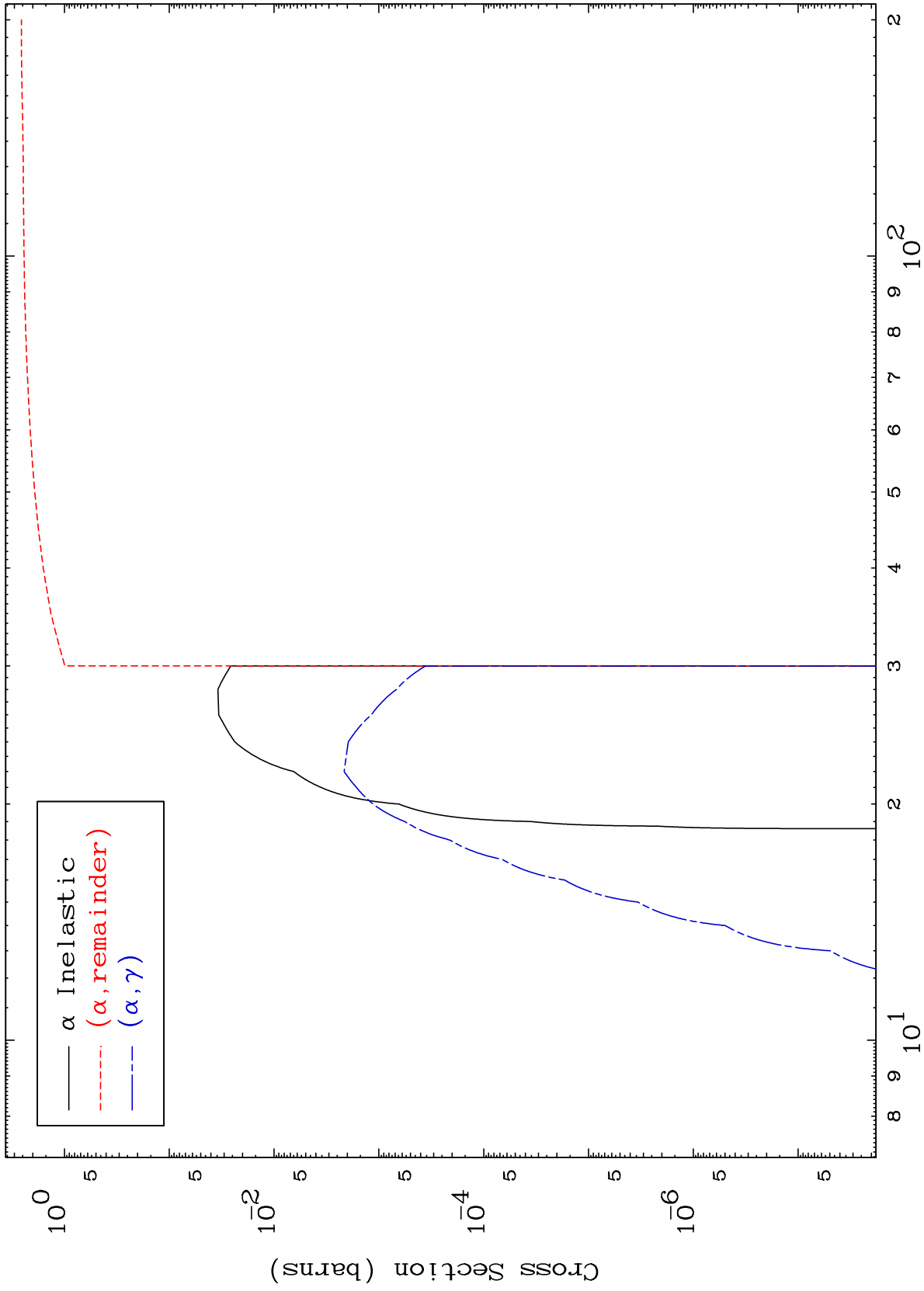
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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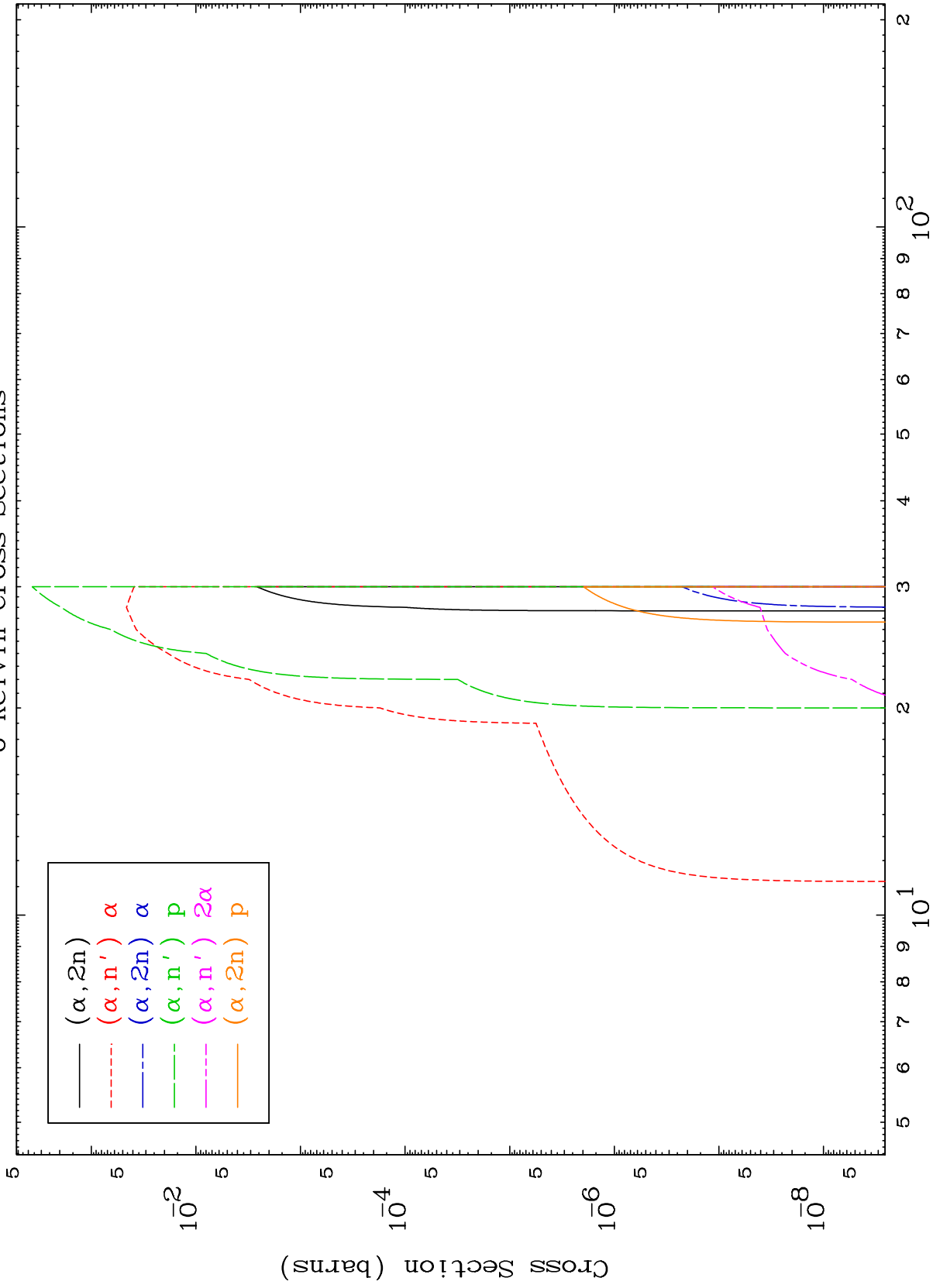
Press Mouse Button to Start



MAT 8071

α Neutron Production
0 Kelvin Cross Sections

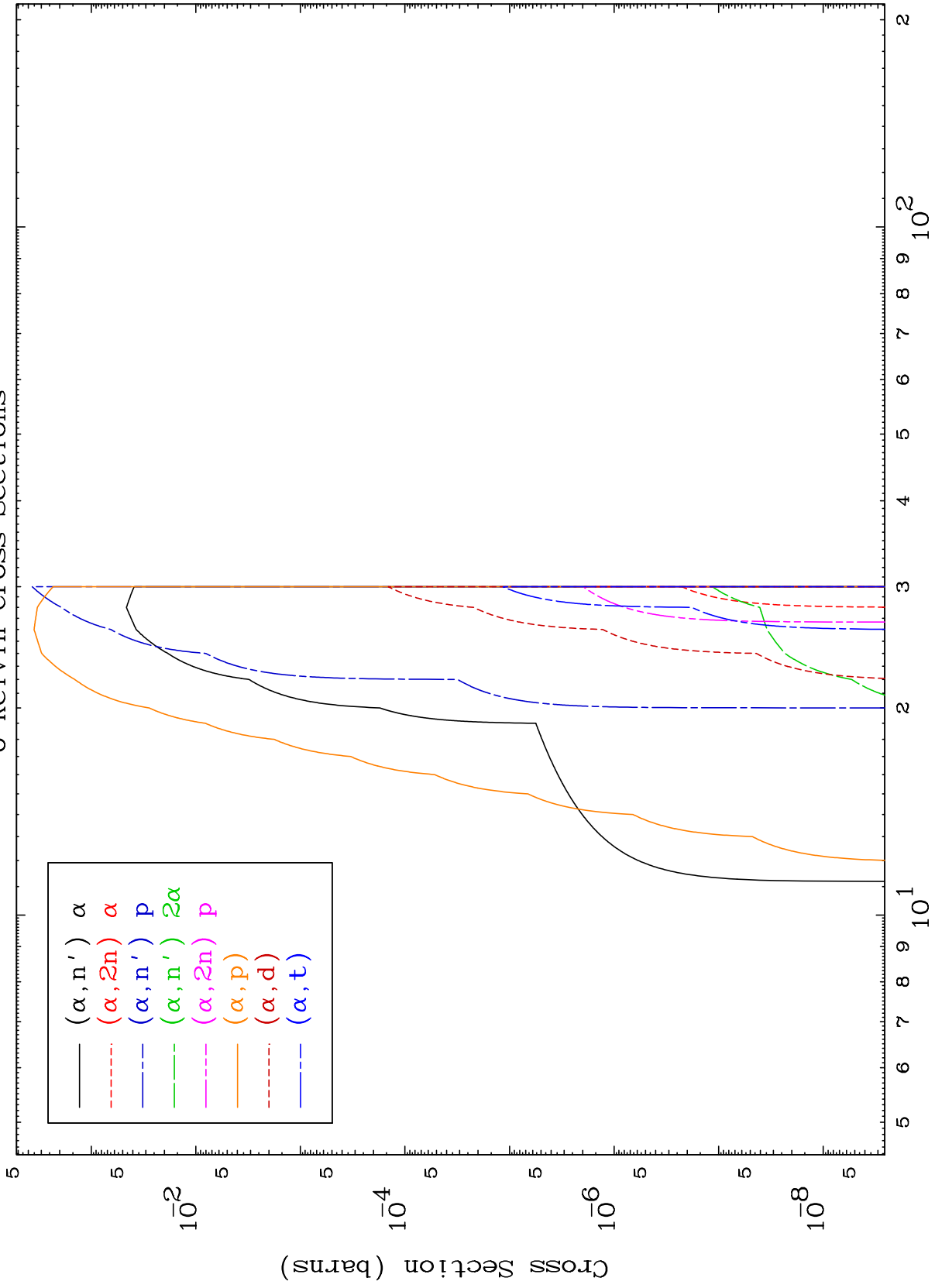
81-Tl-185



2

Incident Energy (MeV)

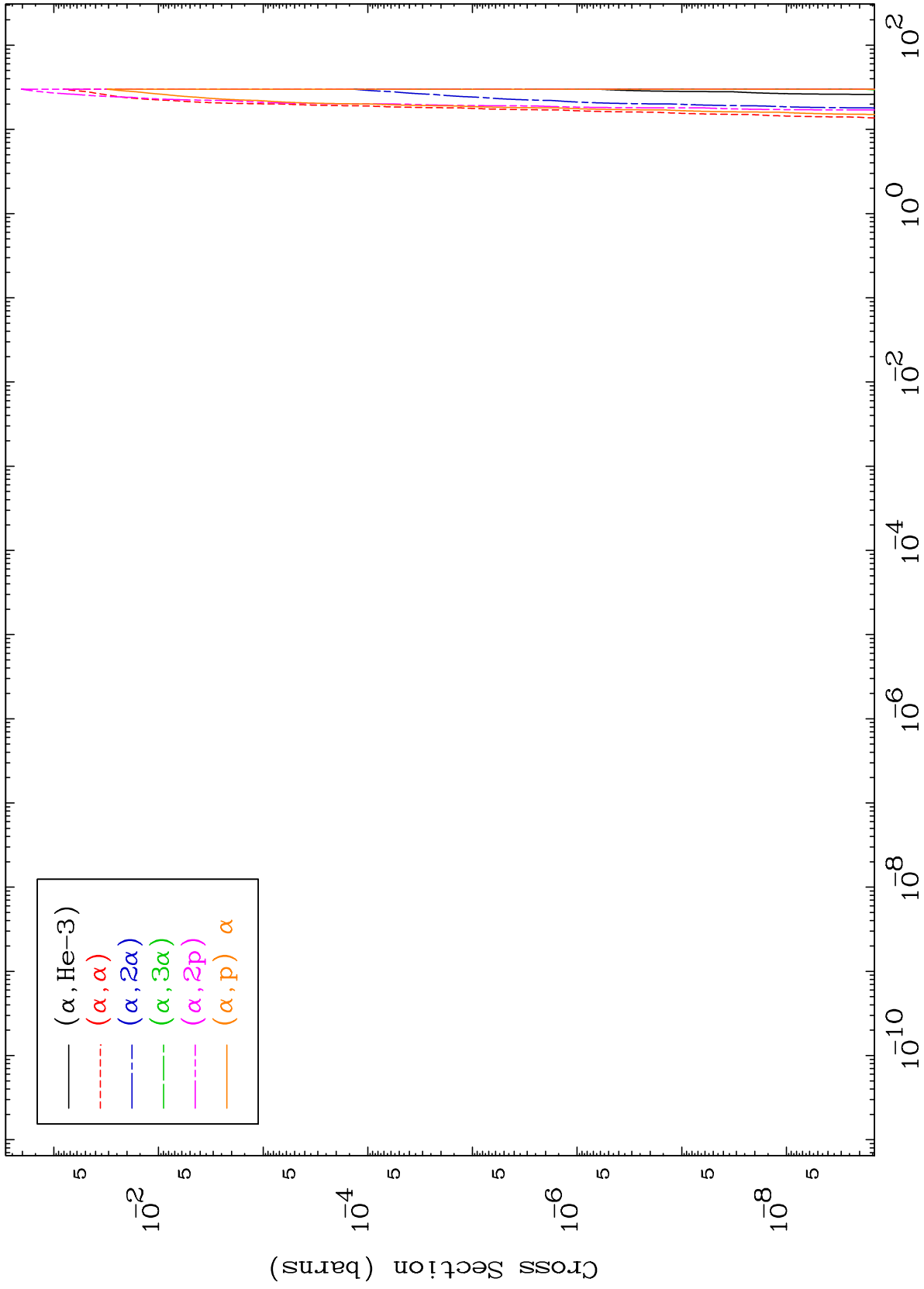
81-Tl-185



MAT 8071

α Charged Particle
0 Kelvin Cross Sections

81-Tl-185



4

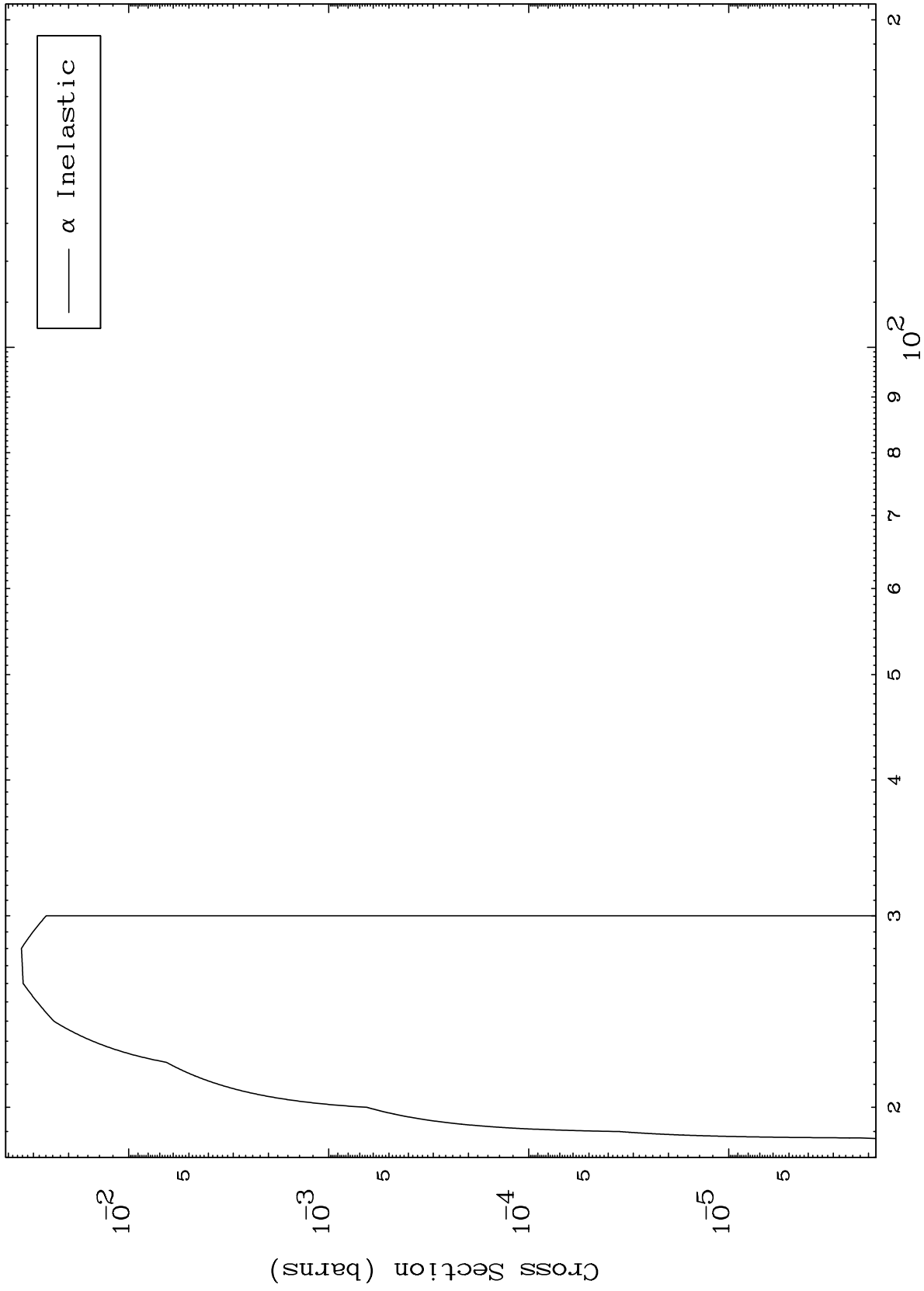
Incident Energy (MeV)

81-Tl-185

MAT 8071

(α, n') Level
0 Kelvin Cross Sections

81-T1-185



5

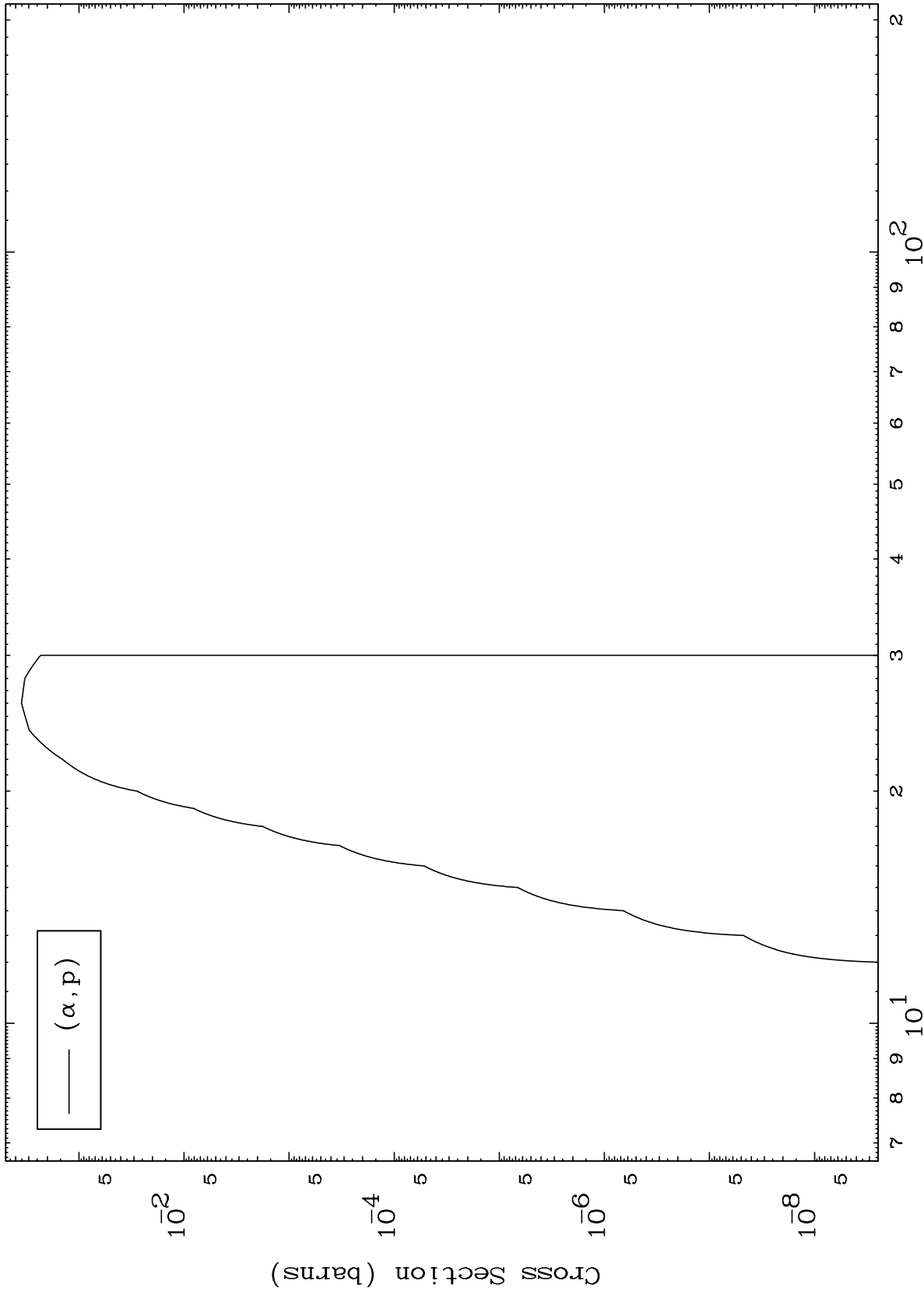
Incident Energy (MeV)

81-T1-185

MAT 8071

(α, p) Levels
0 Kelvin Cross Sections

81-T1-185



6

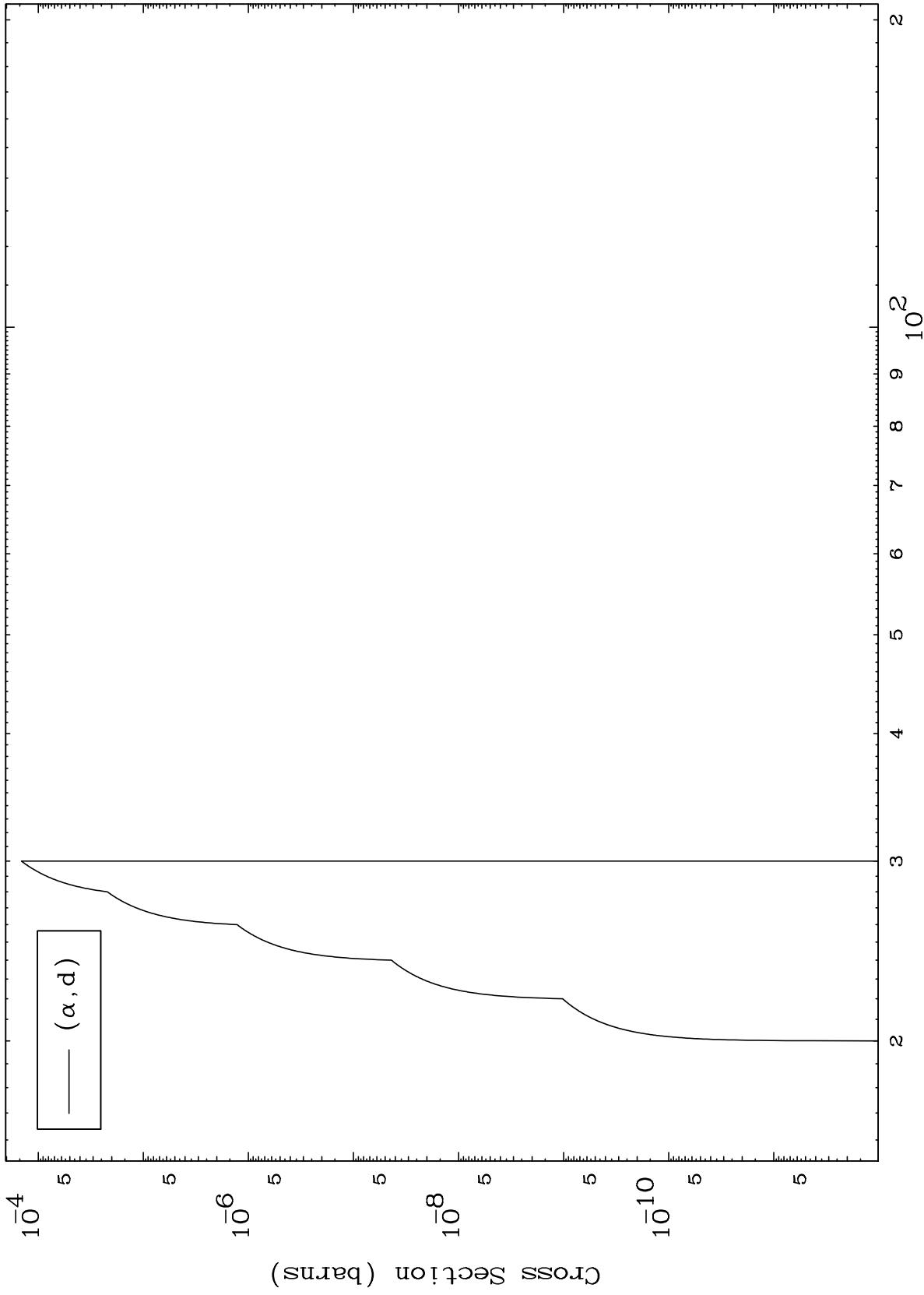
Incident Energy (MeV)

81-T1-185

MAT 8071

(α, d) Levels
0 Kelvin Cross Sections

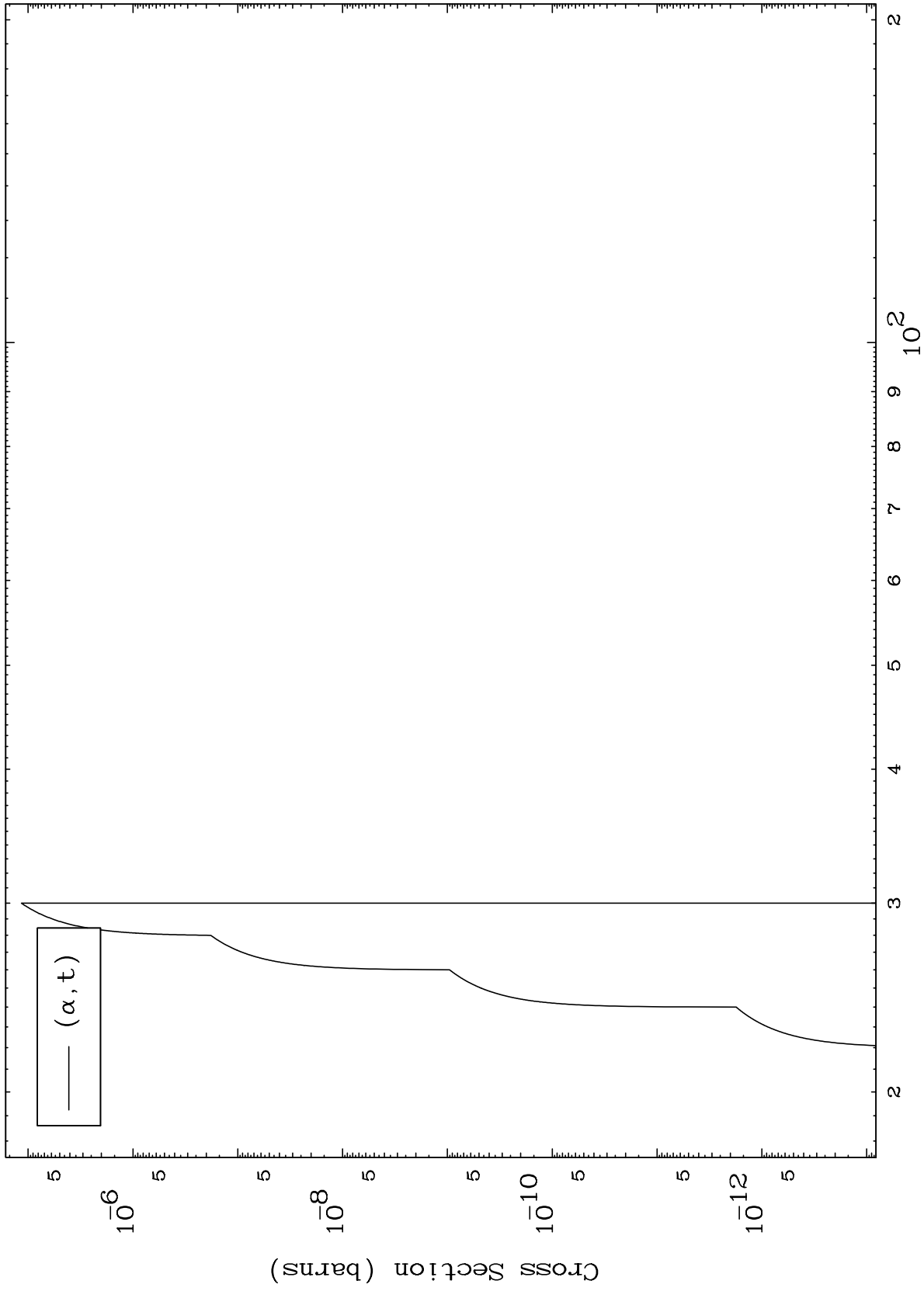
81-T1-185



MAT 8071

(α, t) Levels
0 Kelvin Cross Sections

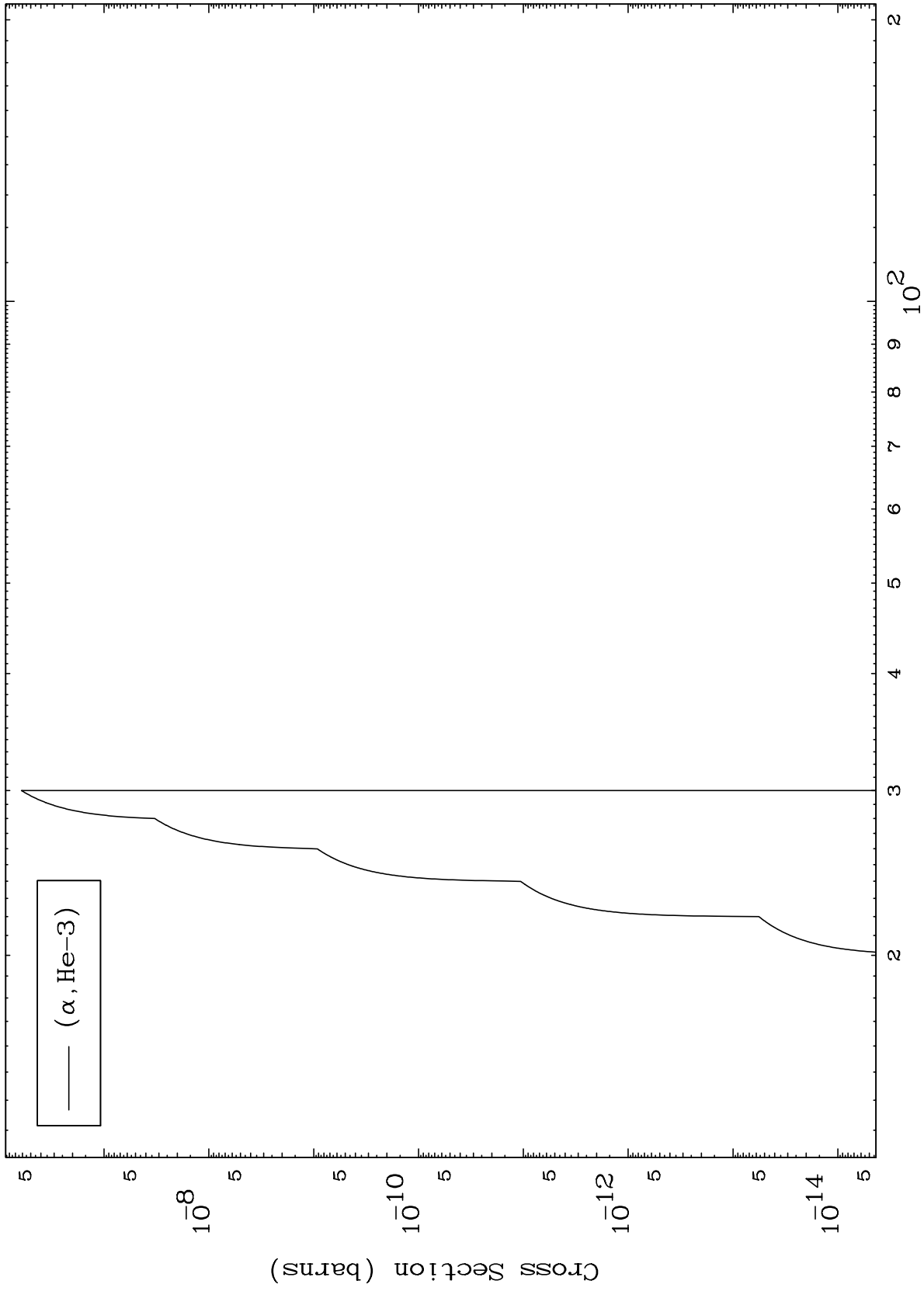
81-Tl-185



8

Incident Energy (MeV)

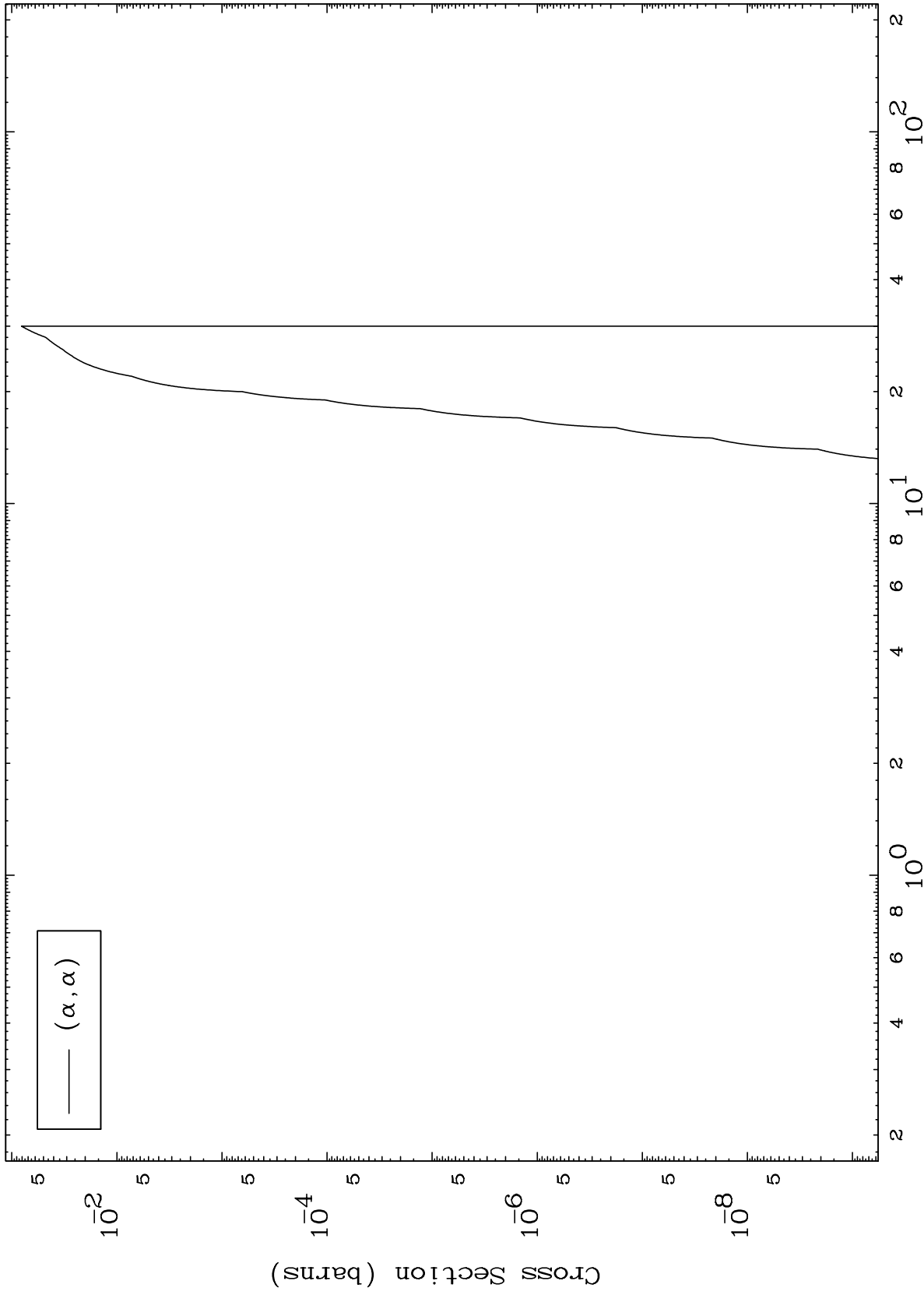
81-Tl-185



MAT 8071

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-185



10

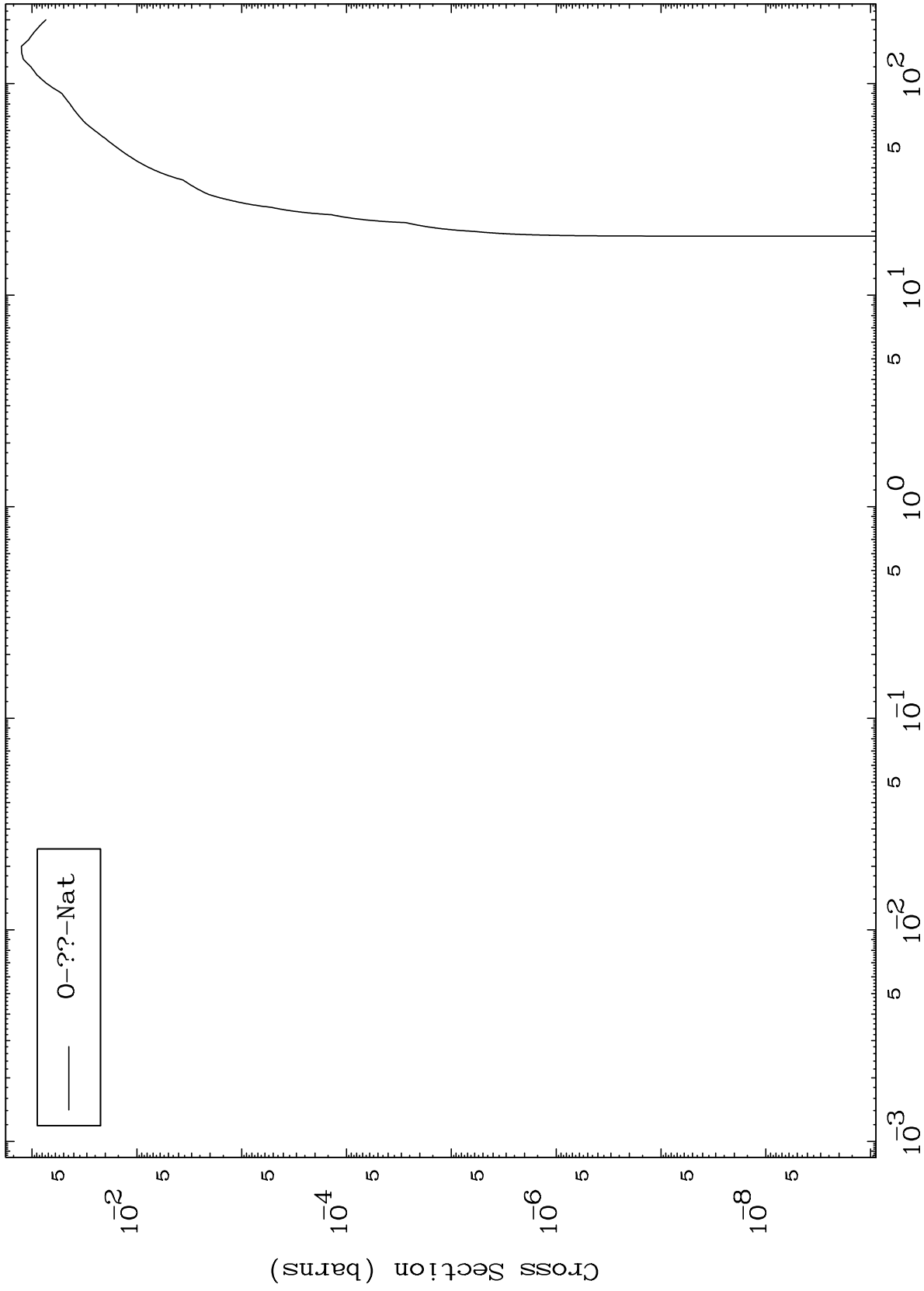
Incident Energy (MeV)

81-Tl-185

MAT 8071

α Fission
Radionuclide Production Cross Section

81-Tl-185



11

Incident Energy (MeV)

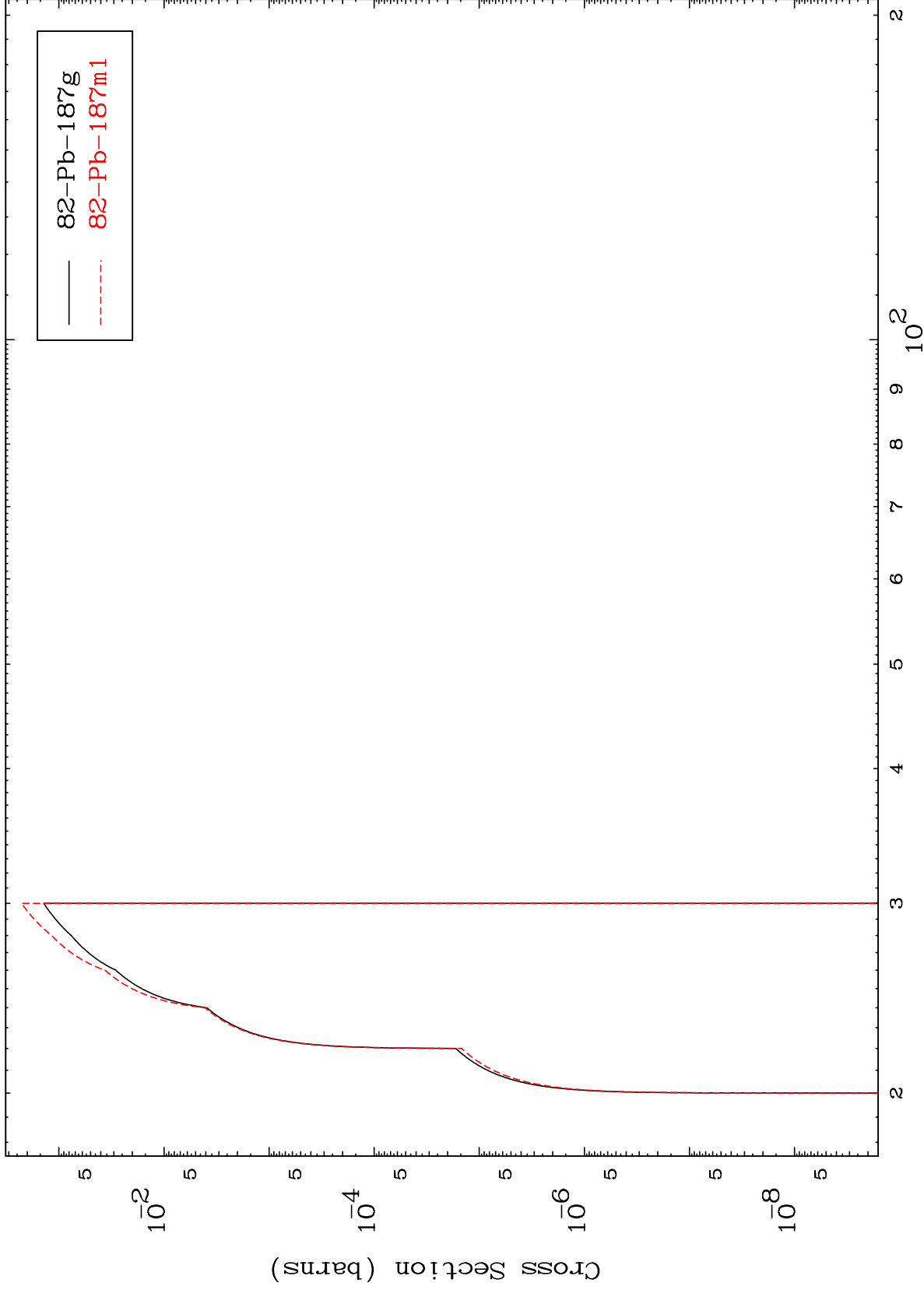
81-Tl-185

MAT 8071

(α, n') p

81-Tl-185

Radionuclide Production Cross Section



12

Incident Energy (MeV)

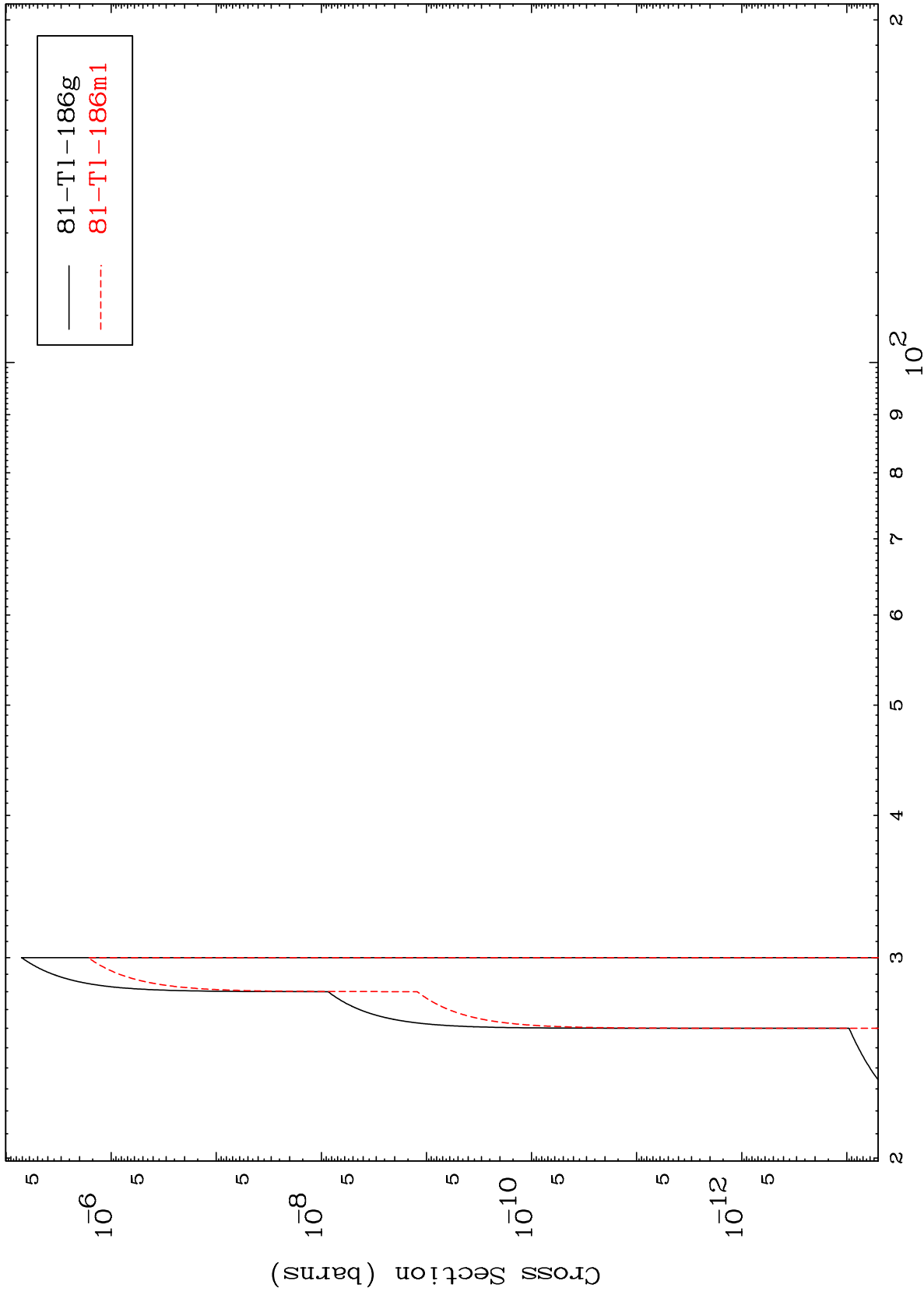
81-Tl-185

MAT 8071

($\alpha, 2n$) p

81-Tl-185

Radionuclide Production Cross Section



13

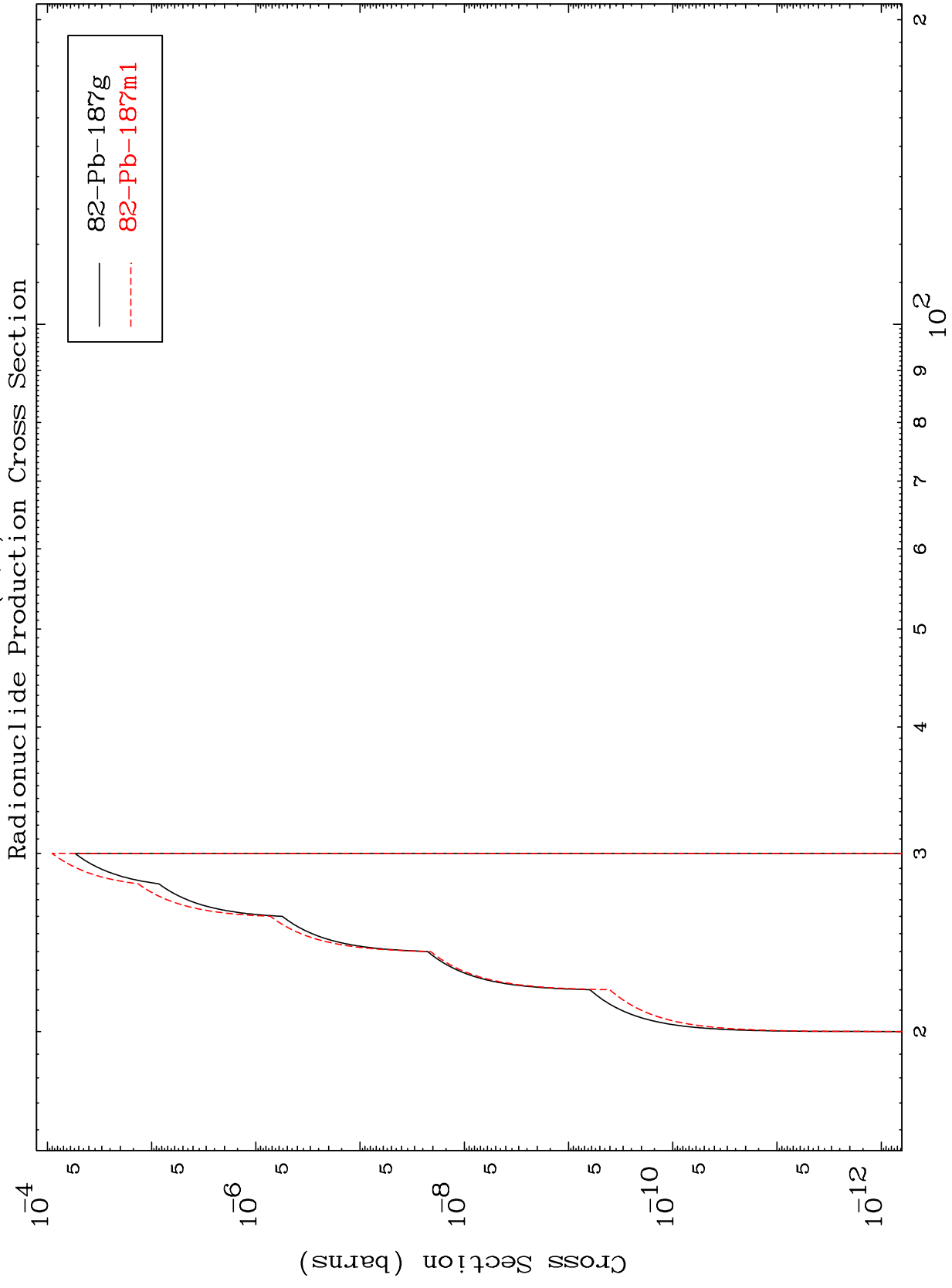
Incident Energy (MeV)

81-Tl-185

MAT 8071

(α, d)

81-T1-185



14

Incident Energy (MeV)

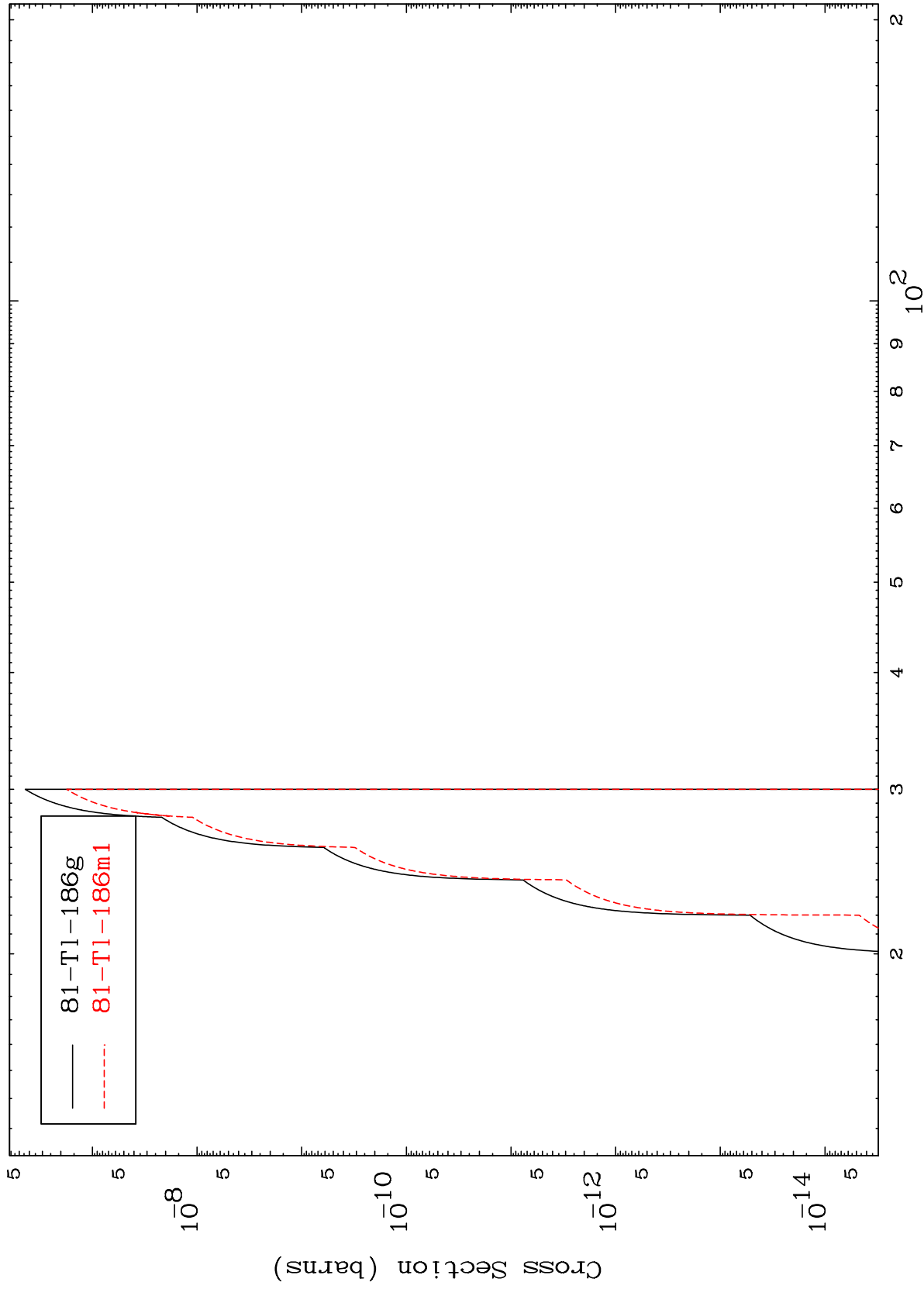
81-T1-185

MAT 8071

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

81-Tl-185

Radionuclide Production Cross Section



15

Incident Energy (MeV)

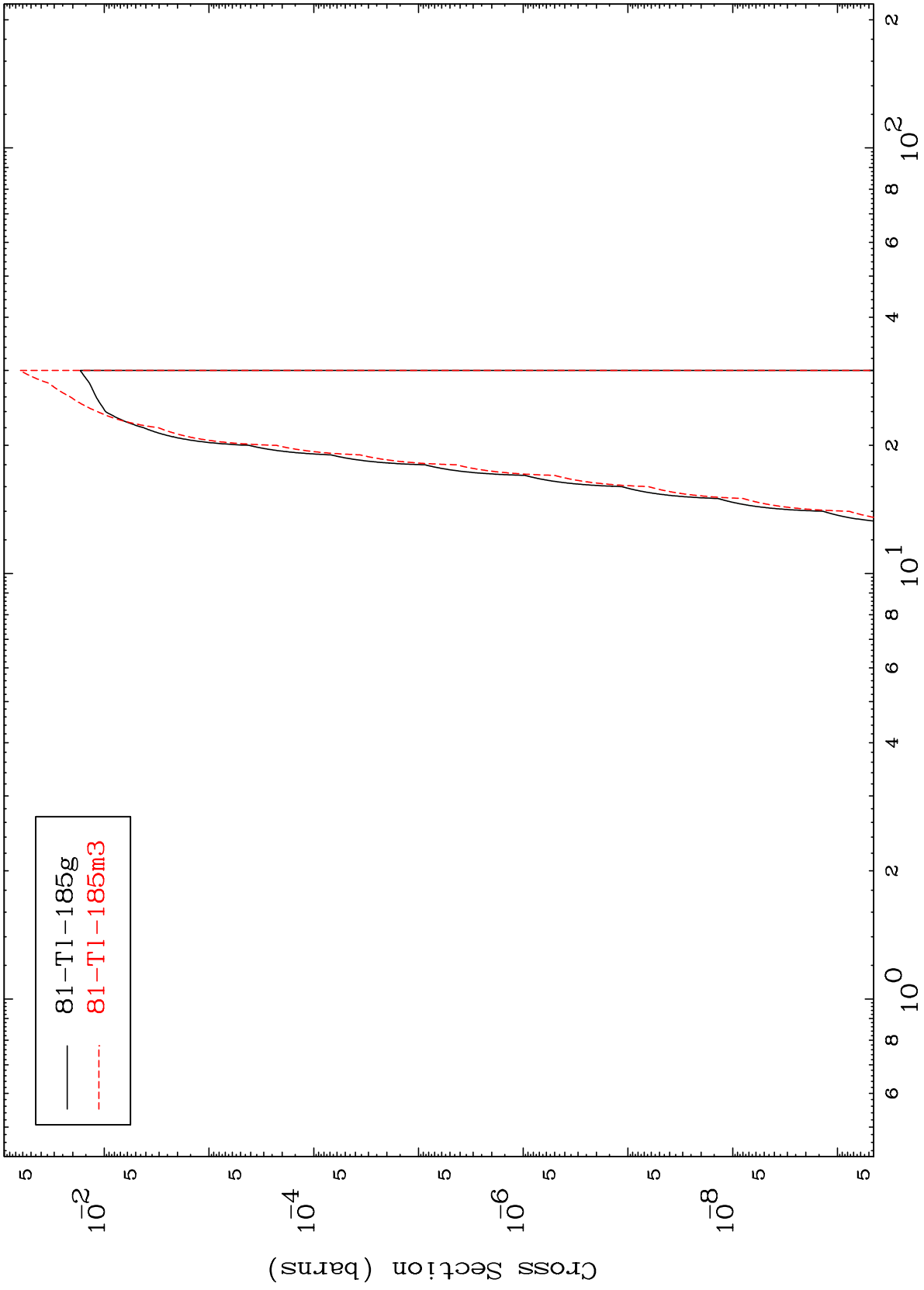
81-Tl-185

MAT 8071

(α, α)

81-Tl-185

Radionuclide Production Cross Section



16

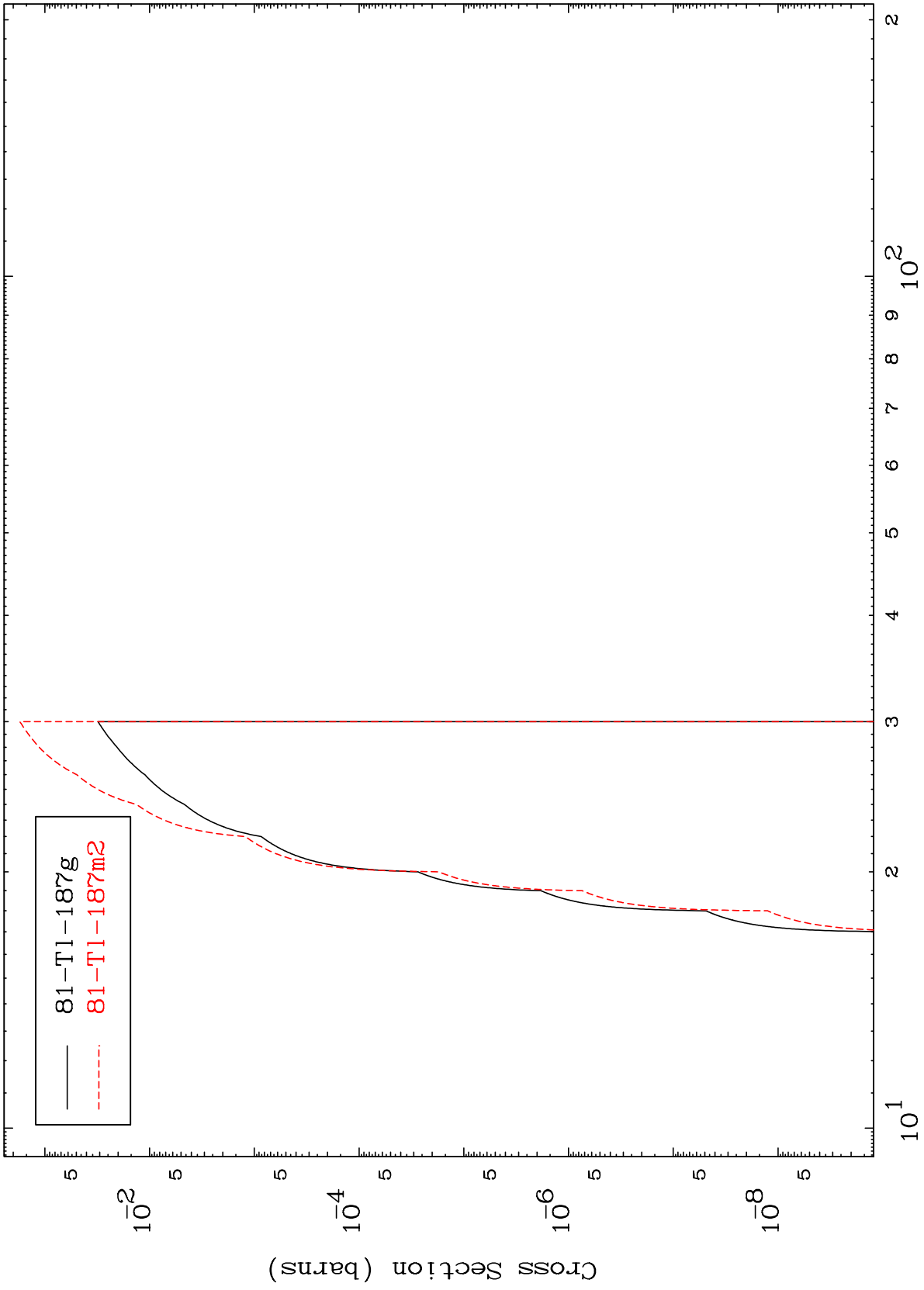
Incident Energy (MeV)

81-Tl-185

MAT 8071

81-Tl-185

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



17

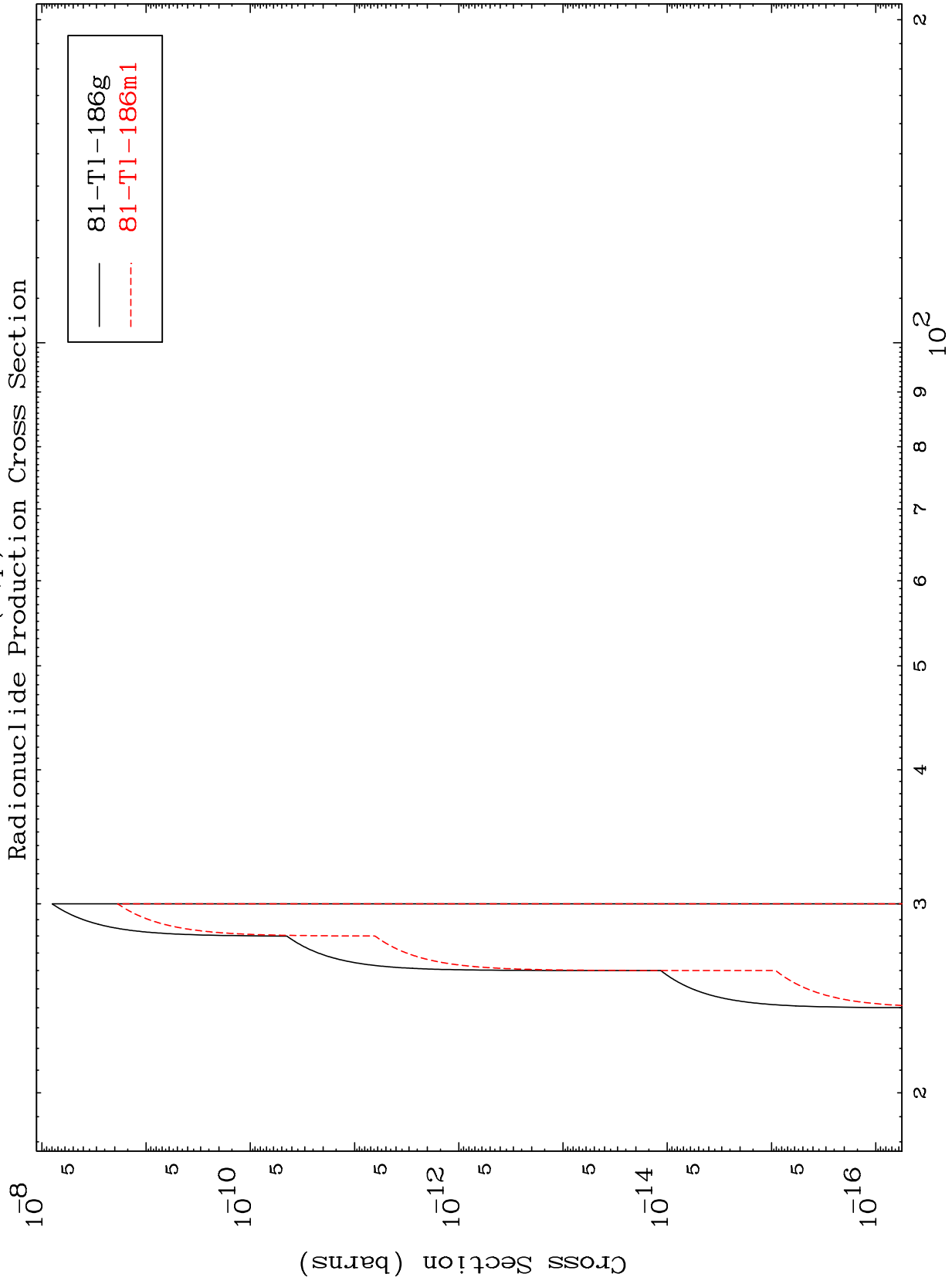
Incident Energy (MeV)

81-Tl-185

MAT 8071

(α, p) d

81-Tl-185



18

81-Tl-185