

Program EVALPLOT
(Version 2018-1)

by

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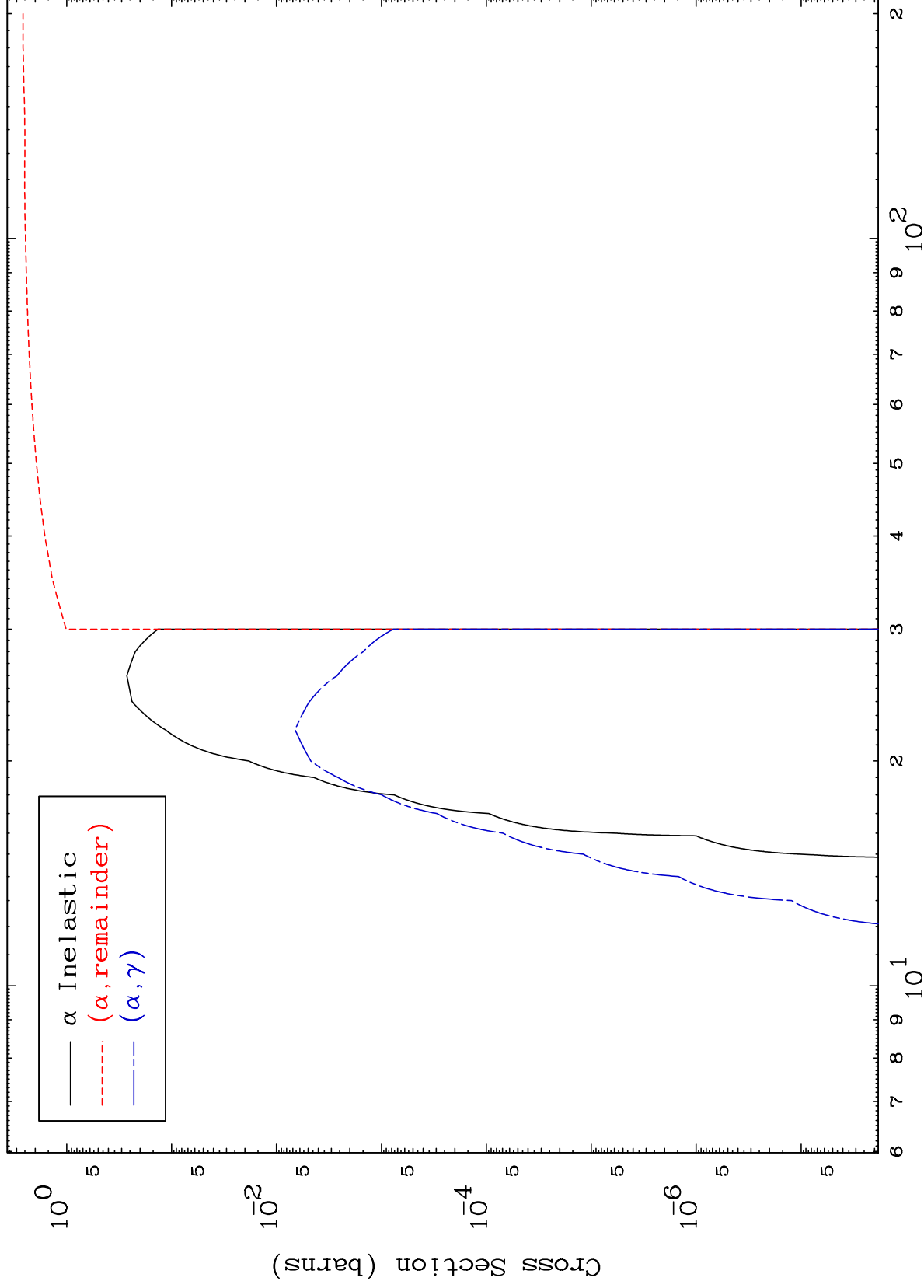
Press Mouse Button to Start

MAT 8081

α Major

81-Tl-188

0 Kelvin Cross Sections



1

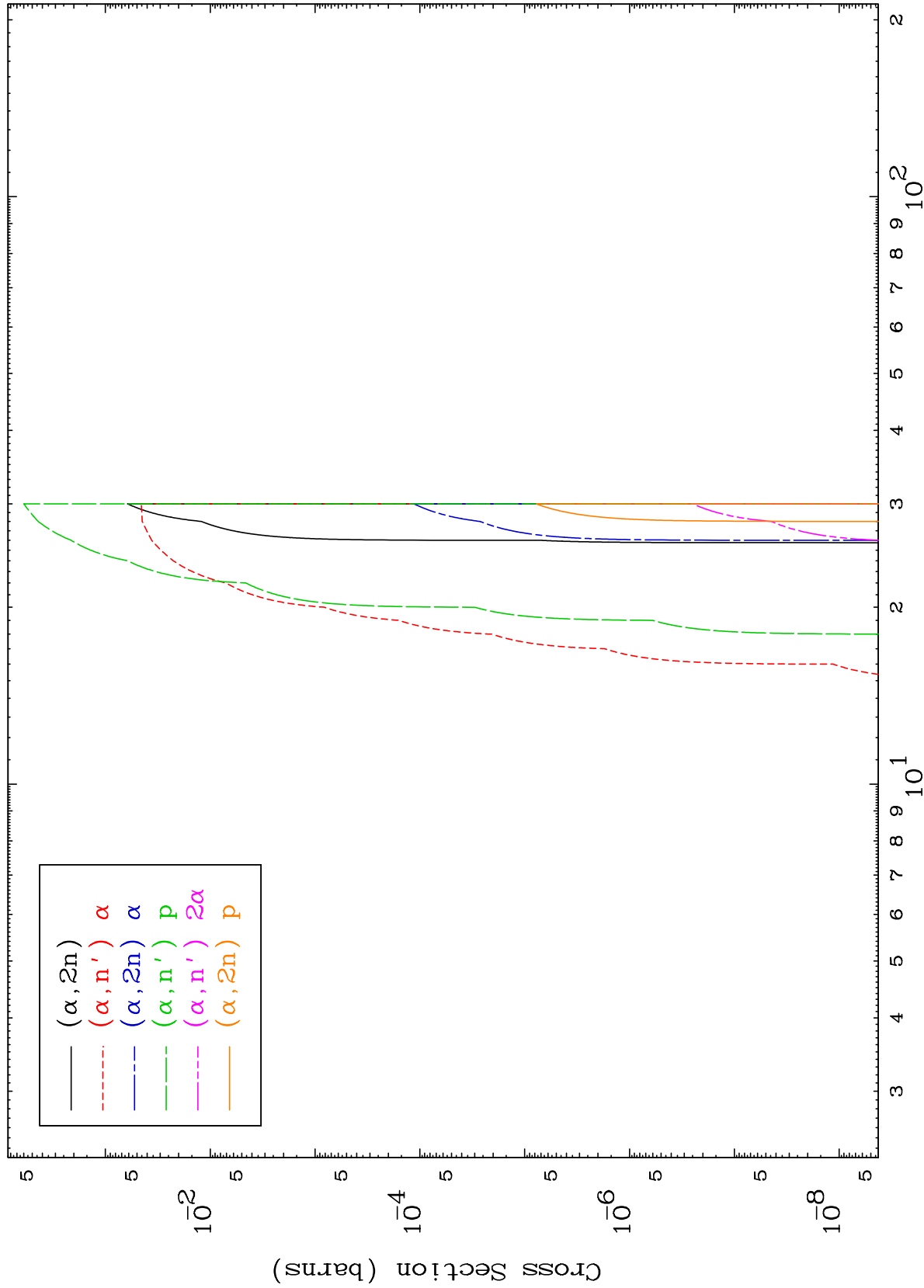
Incident Energy (MeV)

81-Tl-188

MAT 8081

α Neutron Production
0 Kelvin Cross Sections

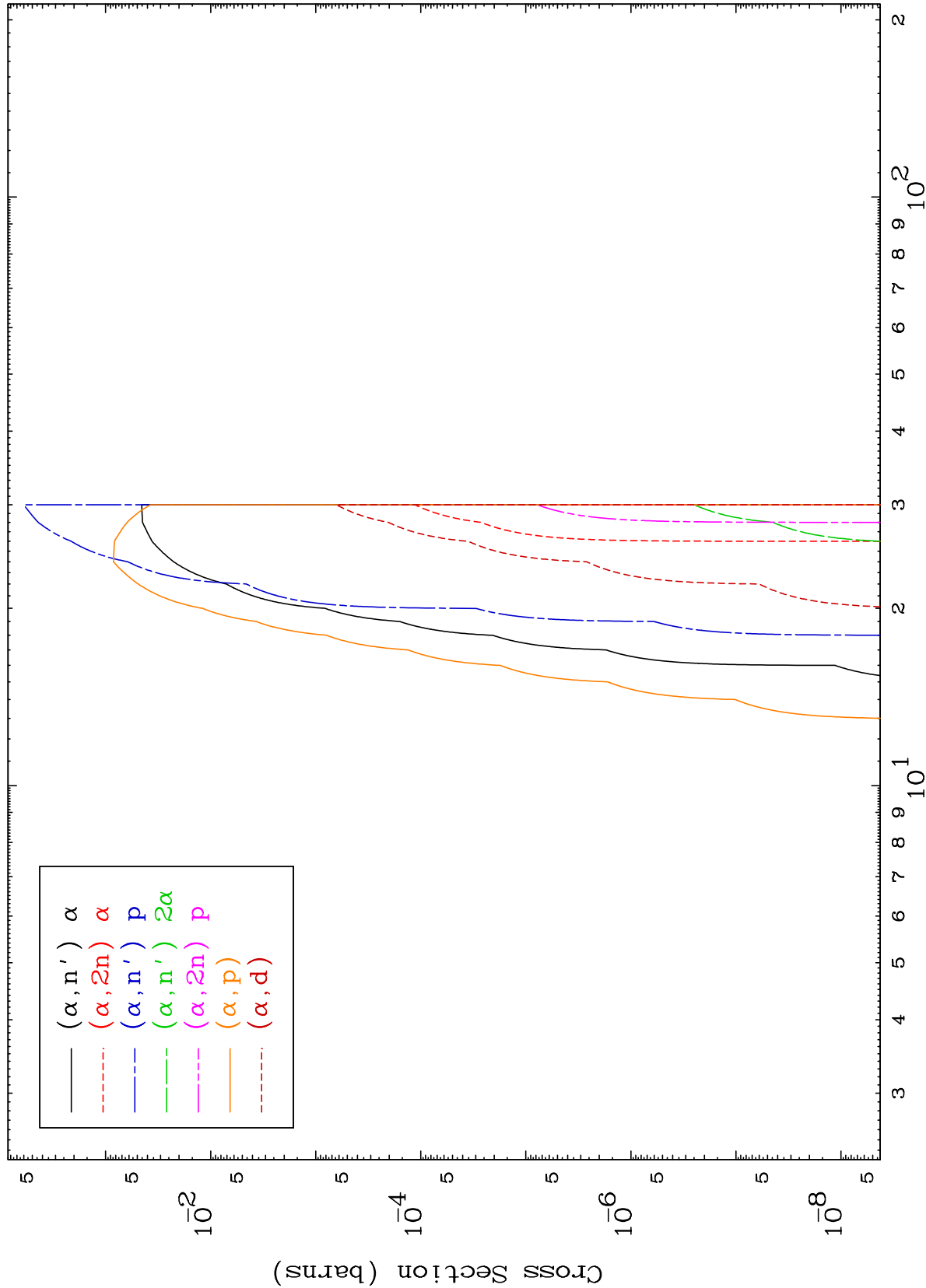
81-Tl-188



2

Incident Energy (MeV)

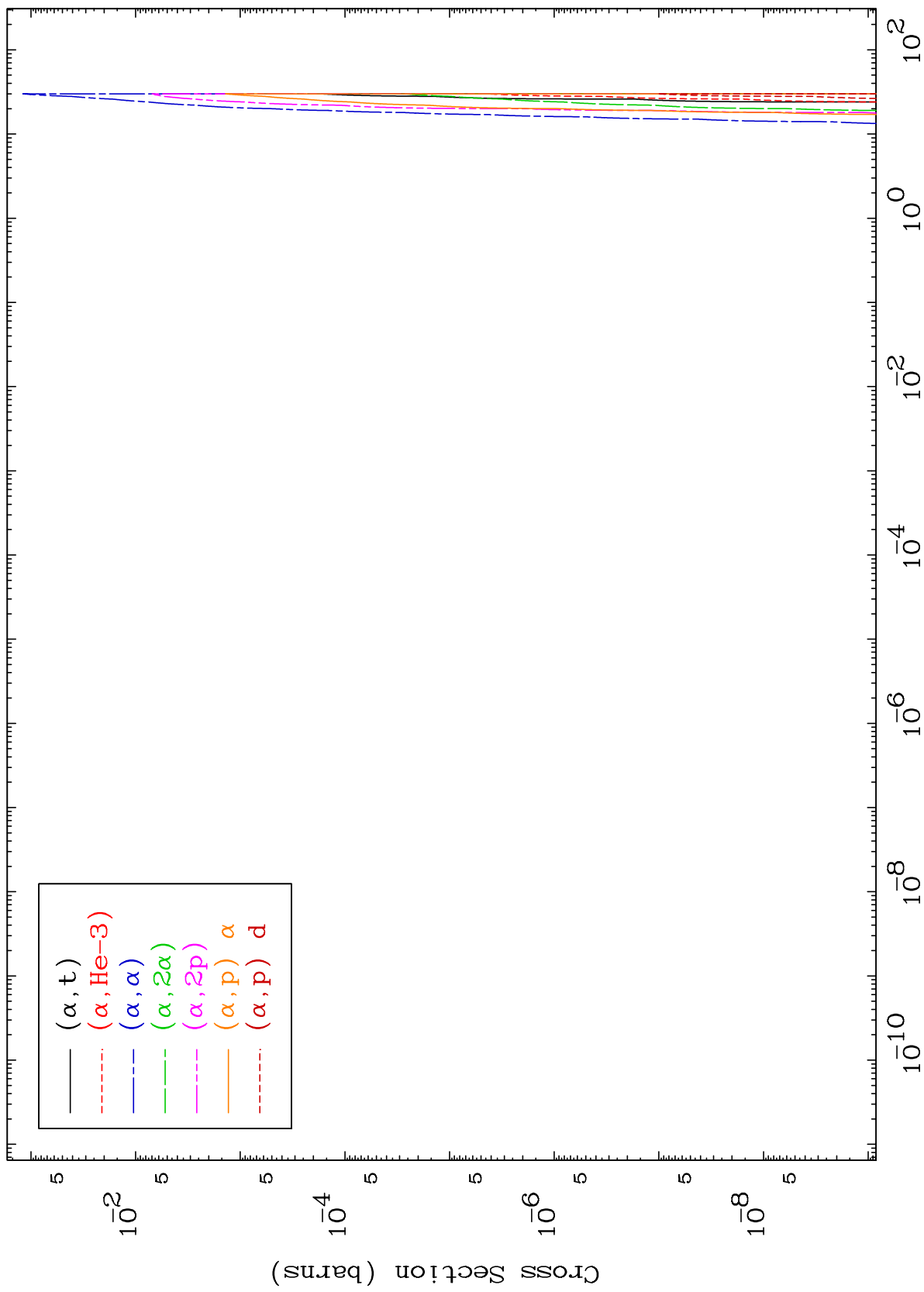
81-Tl-188



MAT 8081

α Charged Particle
0 Kelvin Cross Sections

81-Tl-188



4

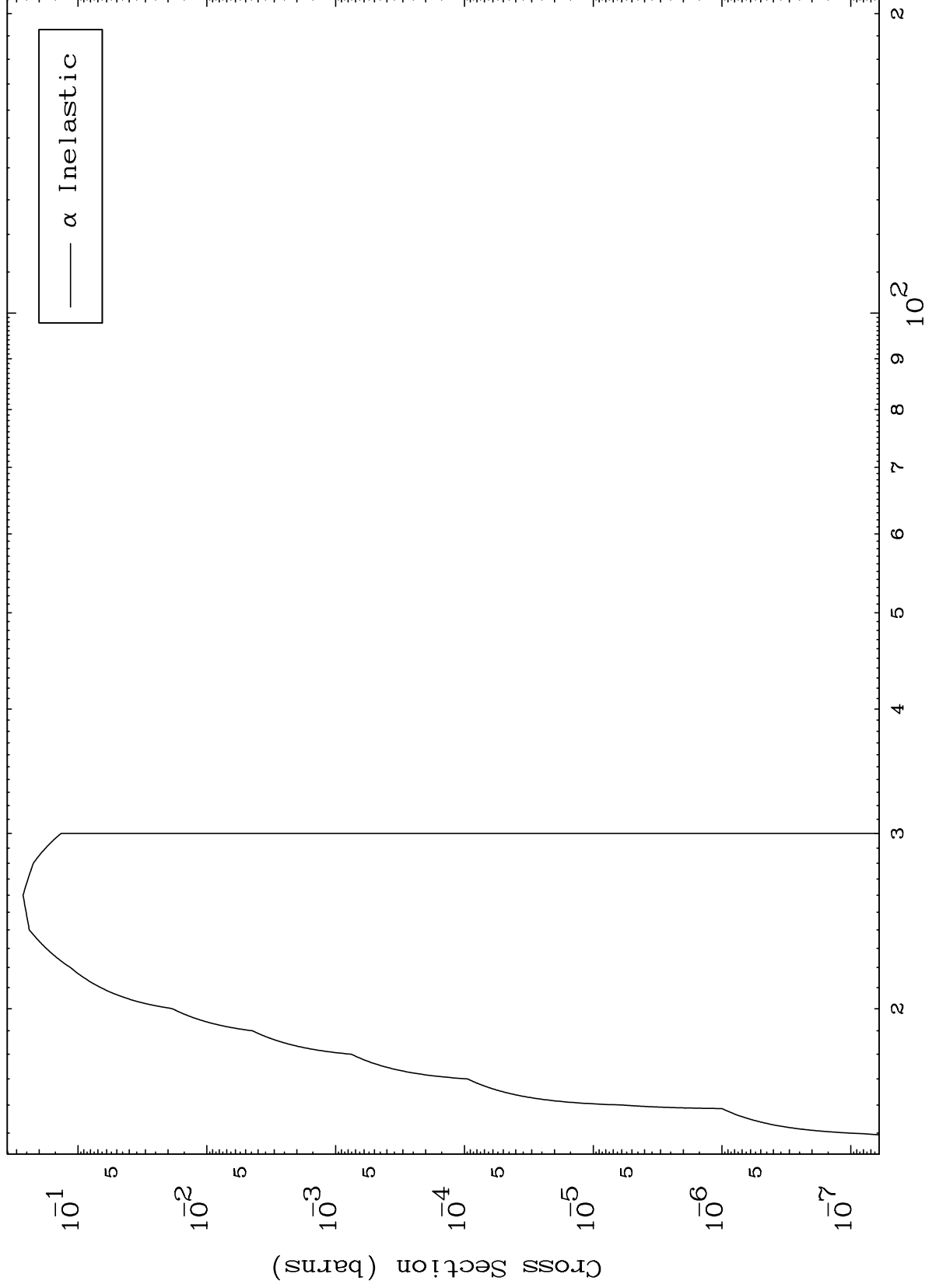
Incident Energy (MeV)

81-Tl-188

MAT 8081

(α, n') Level
0 Kelvin Cross Sections

81-Tl-188



5

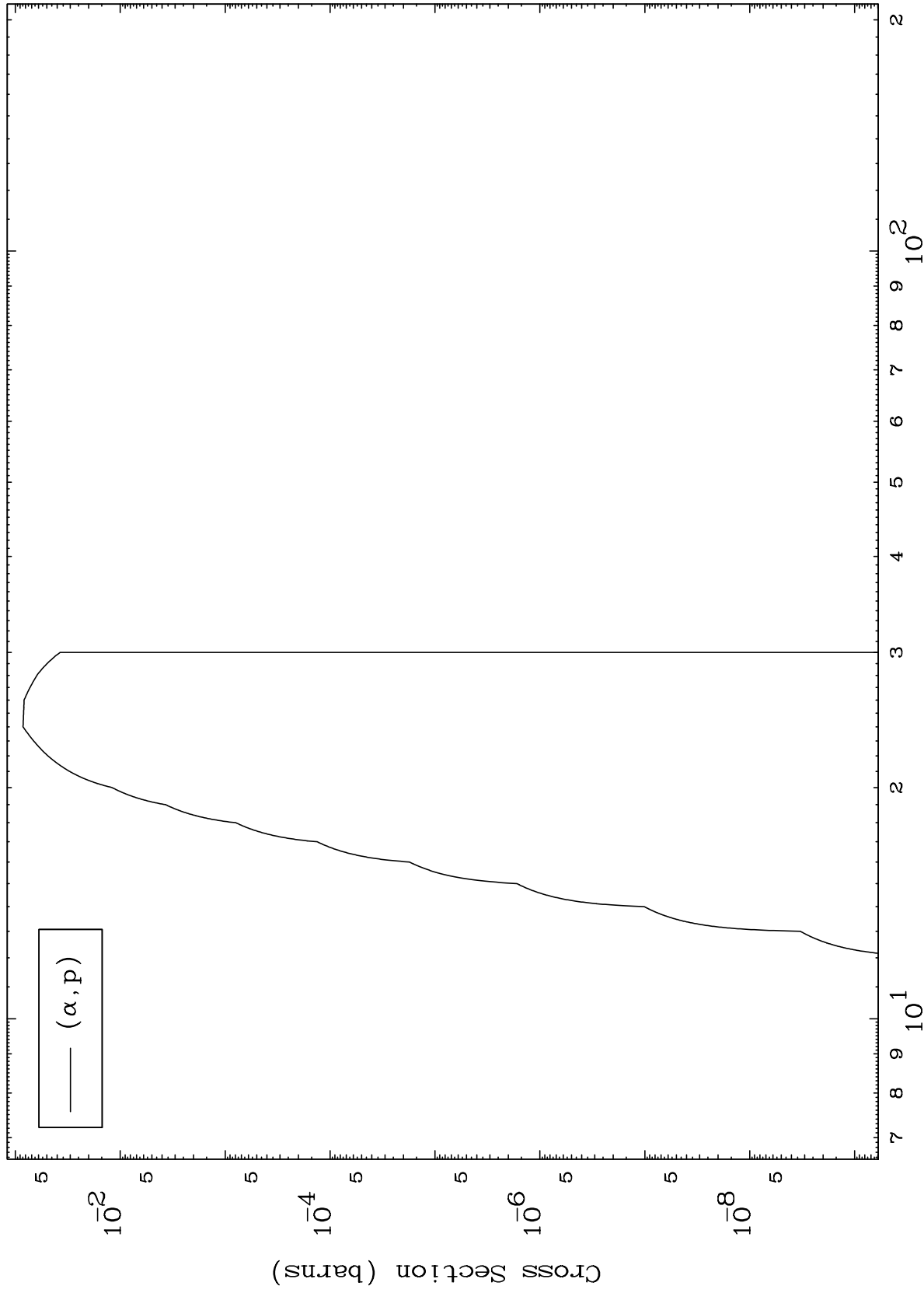
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(α, p) Levels
0 Kelvin Cross Sections



6

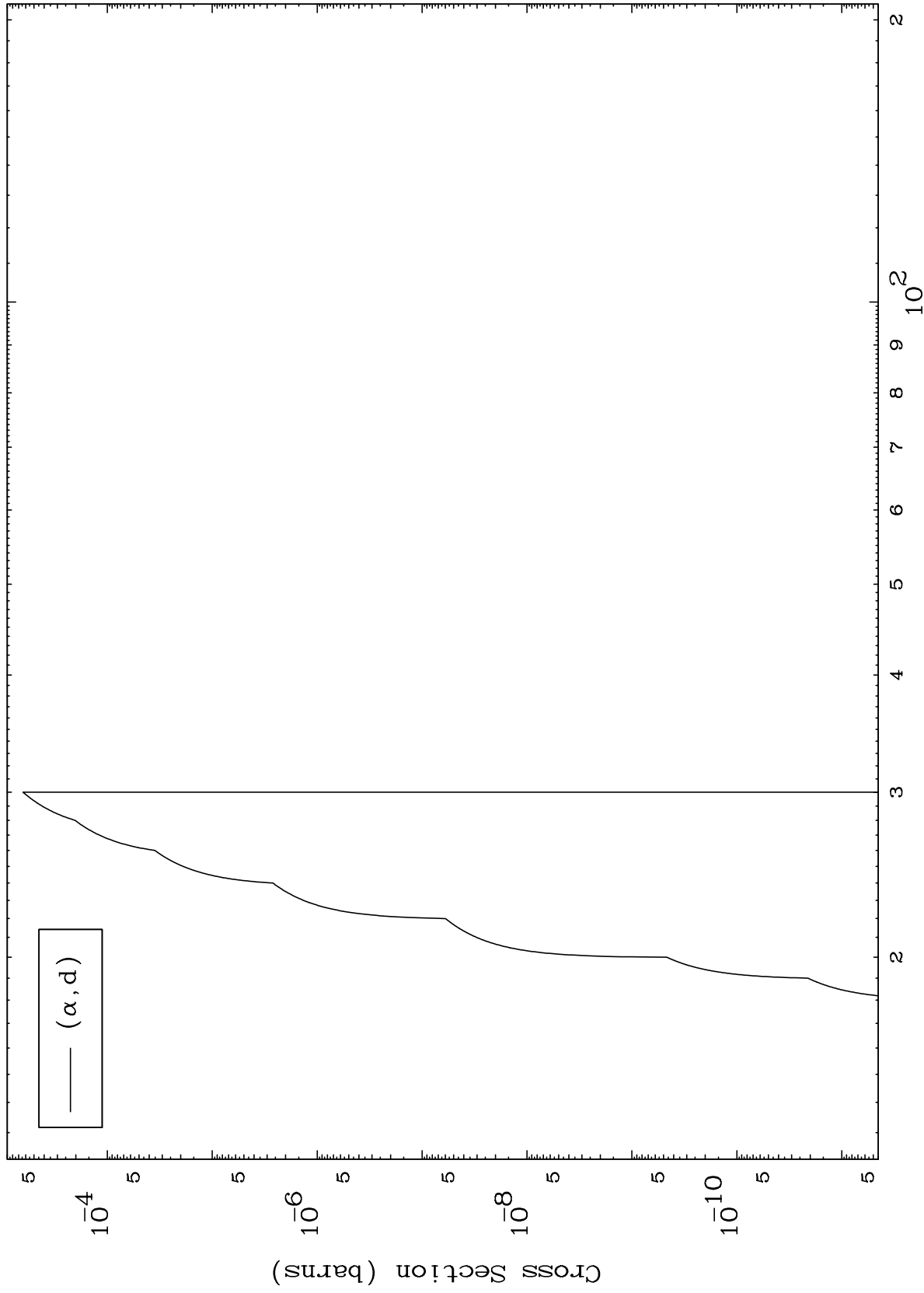
Incident Energy (MeV)

81-Tl-188

MAT 8081

(α ,d) Levels
0 Kelvin Cross Sections

81-Tl-188



7

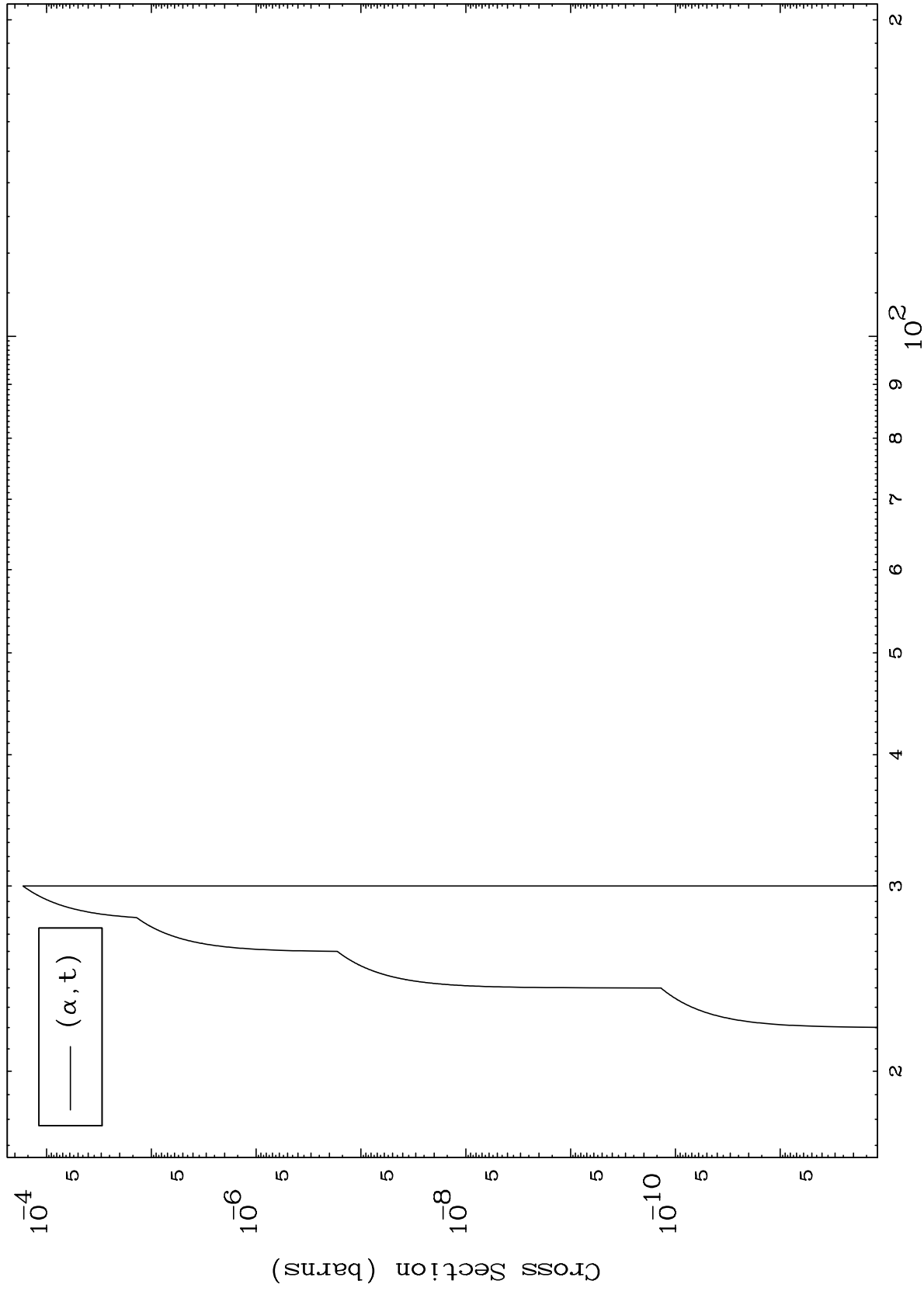
Incident Energy (MeV)

81-Tl-188

MAT 8081

(α, t) Levels
0 Kelvin Cross Sections

81-Tl-188



8

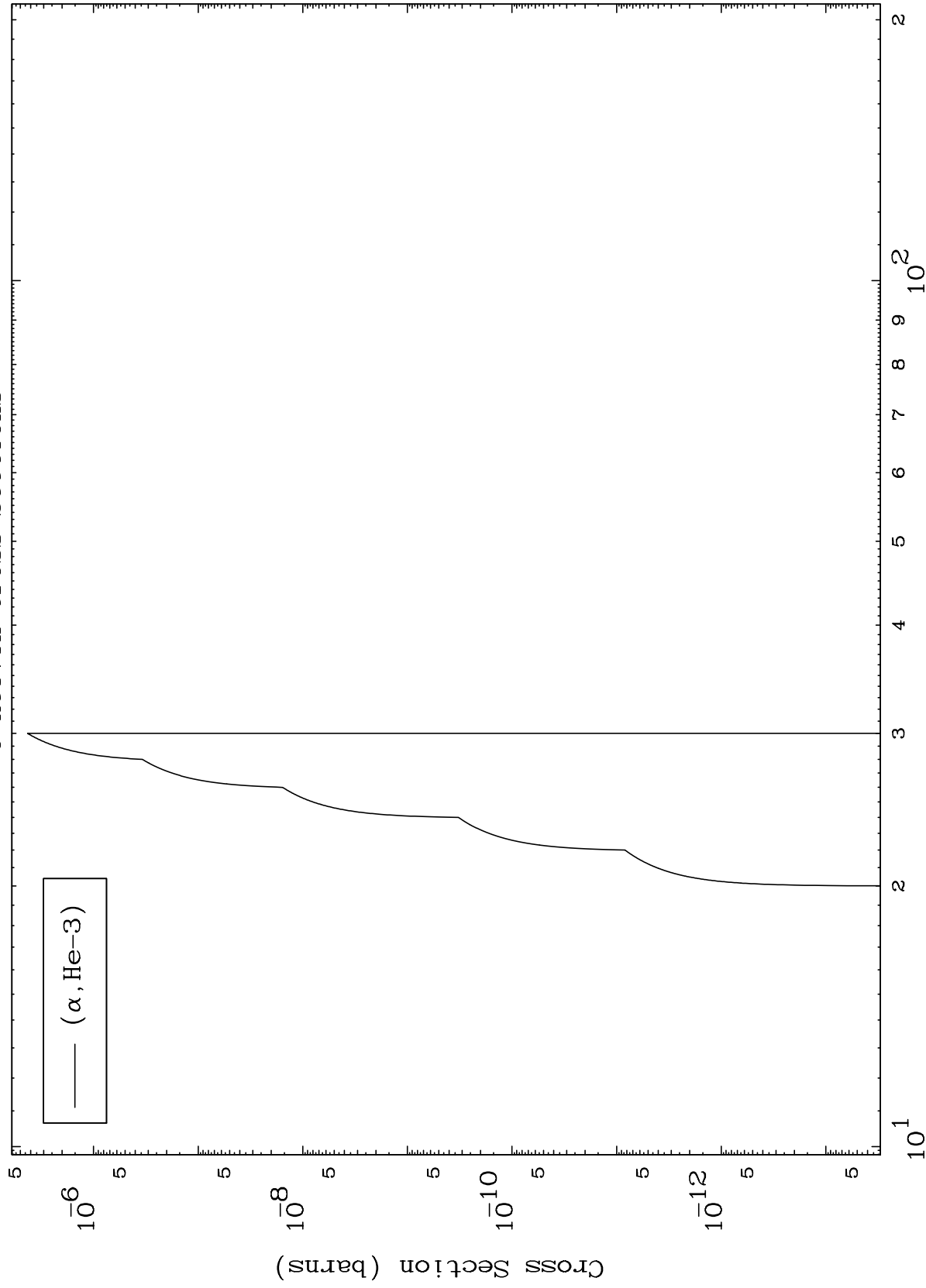
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(α ,He3) Levels
0 Kelvin Cross Sections



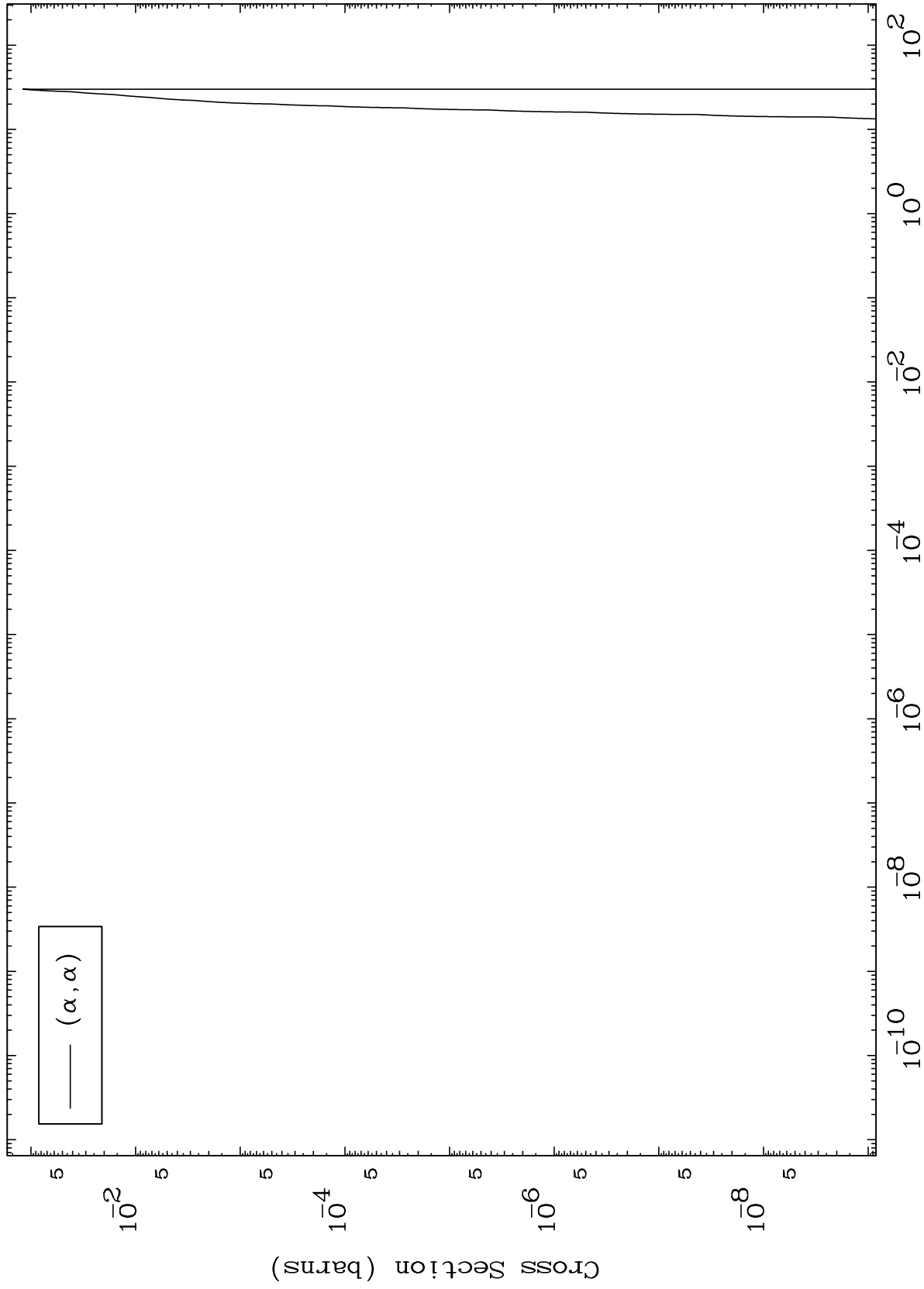
81-Tl-188

Incident Energy (MeV)

MAT 8081

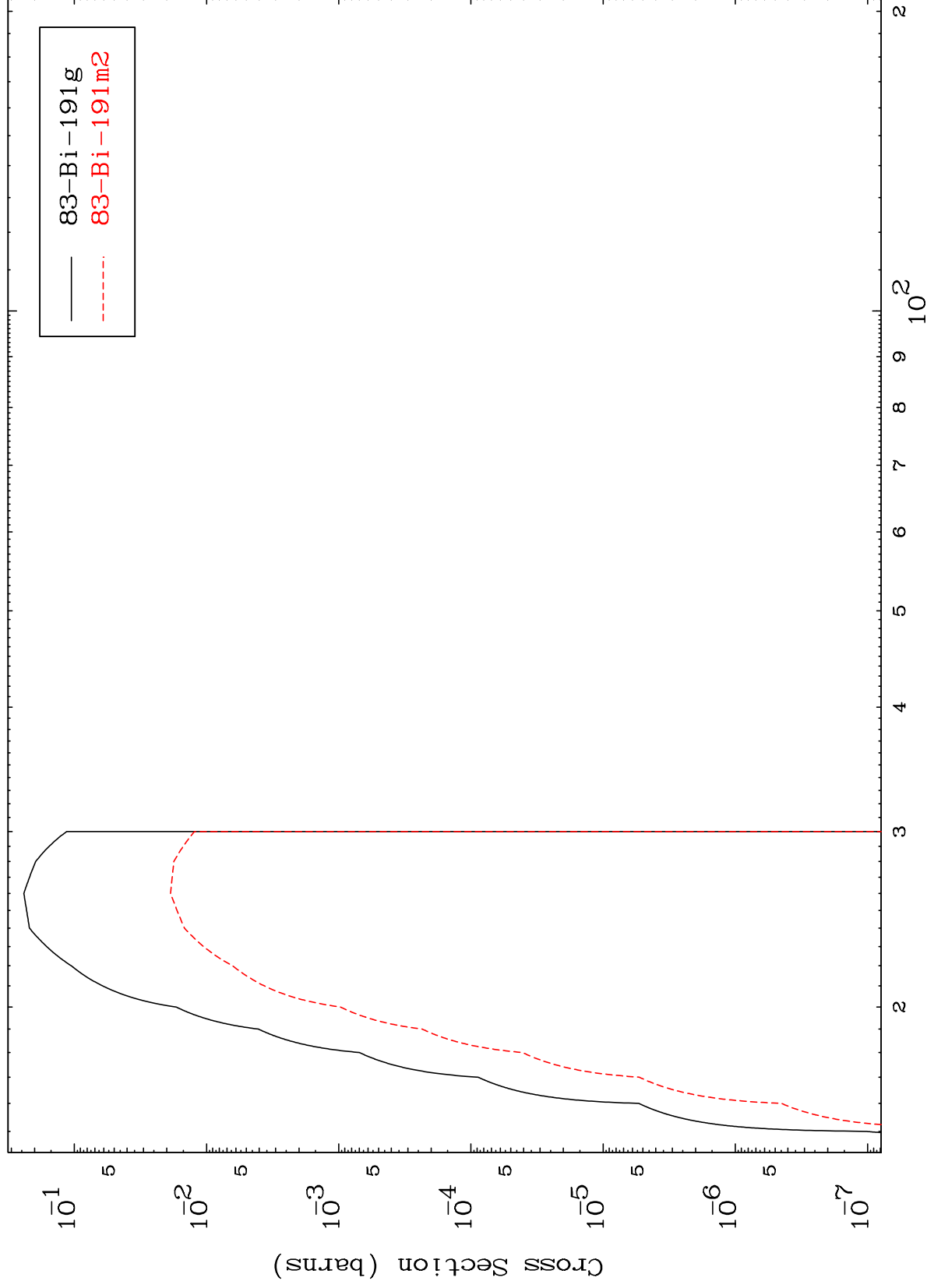
(α, α) Levels
0 Kelvin Cross Sections

81-Tl-188



Incident Energy (MeV)

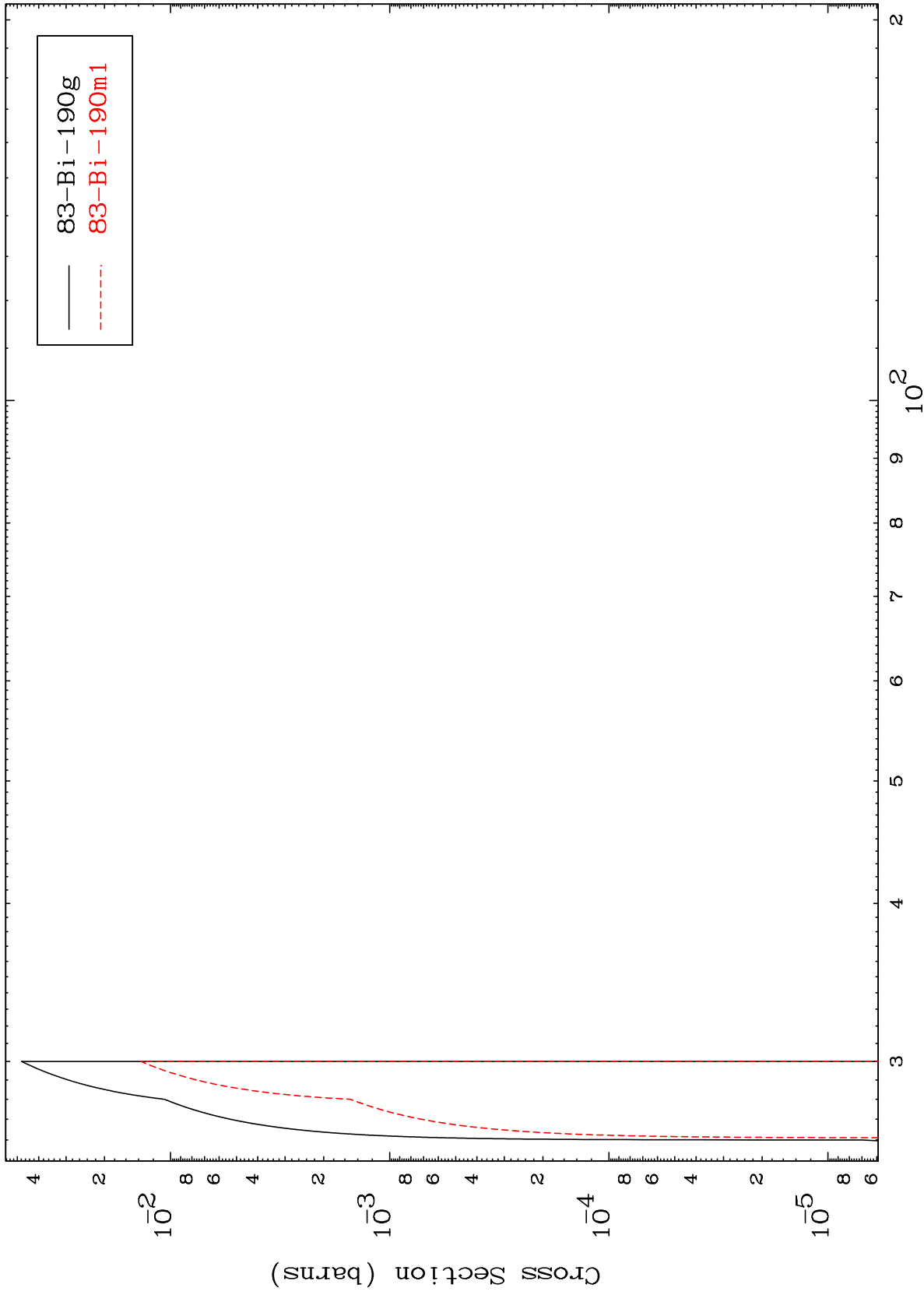
81-Tl-188

α Inelastic
Radionuclide Production Cross Section

MAT 8081

81-Tl-188

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



12

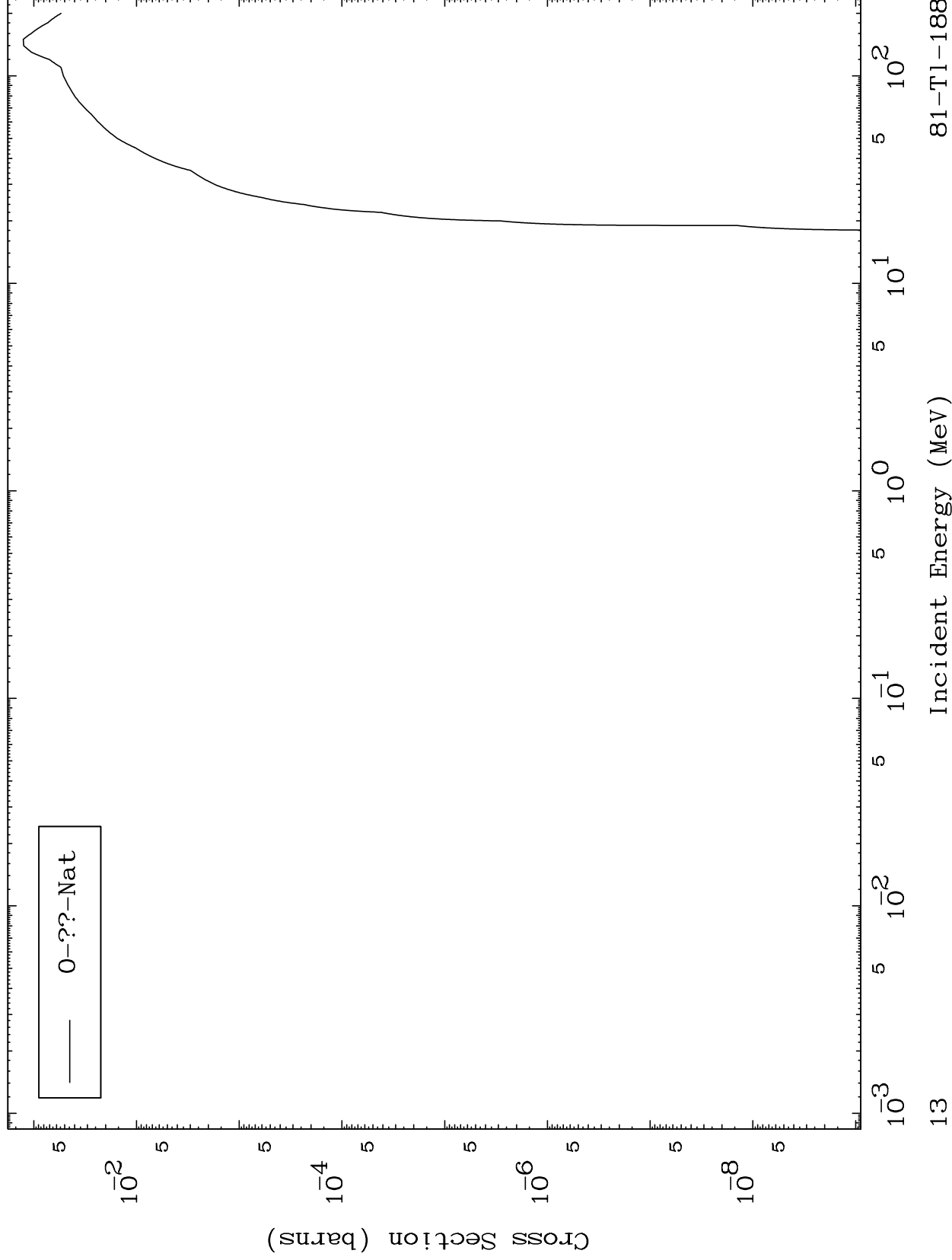
Incident Energy (MeV)

81-Tl-188

MAT 8081

α Fission
Radionuclide Production Cross Section

81-Tl-188

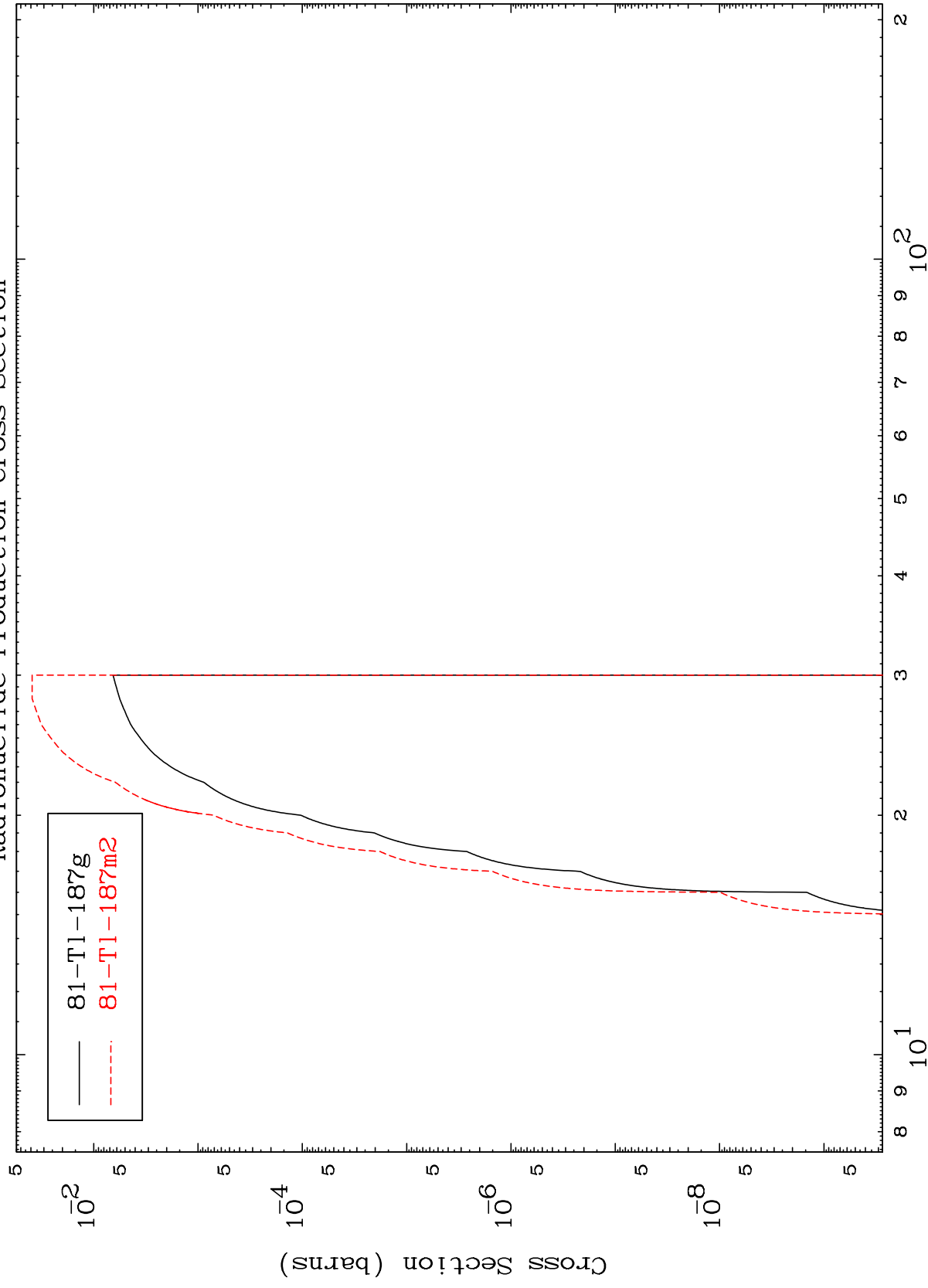


MAT 8081

(α, n') α

81-Tl-188

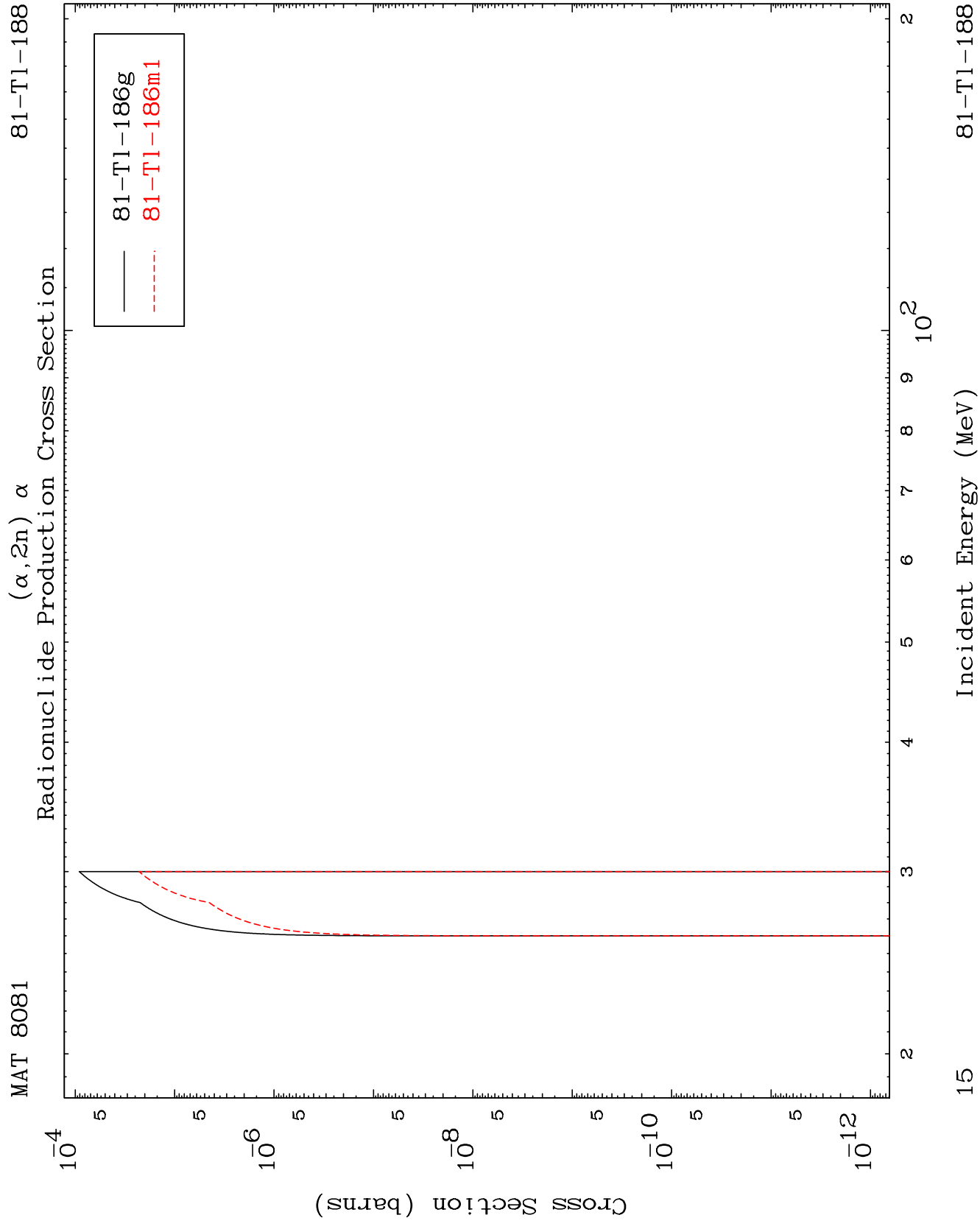
Radionuclide Production Cross Section



81-Tl-188

Incident Energy (MeV)

14

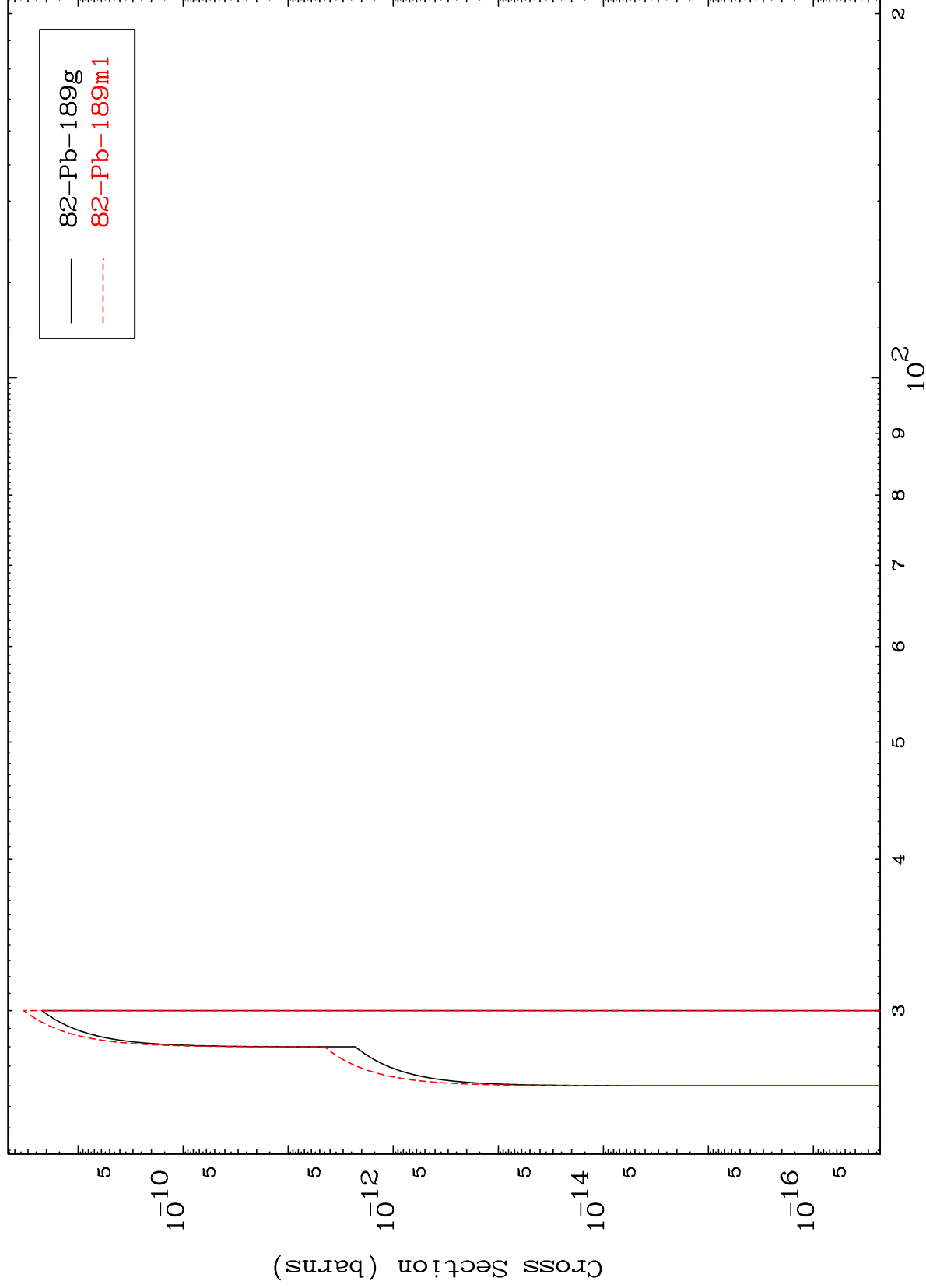


MAT 8081

(α, n') d

81-Tl-188

Radionuclide Production Cross Section



16

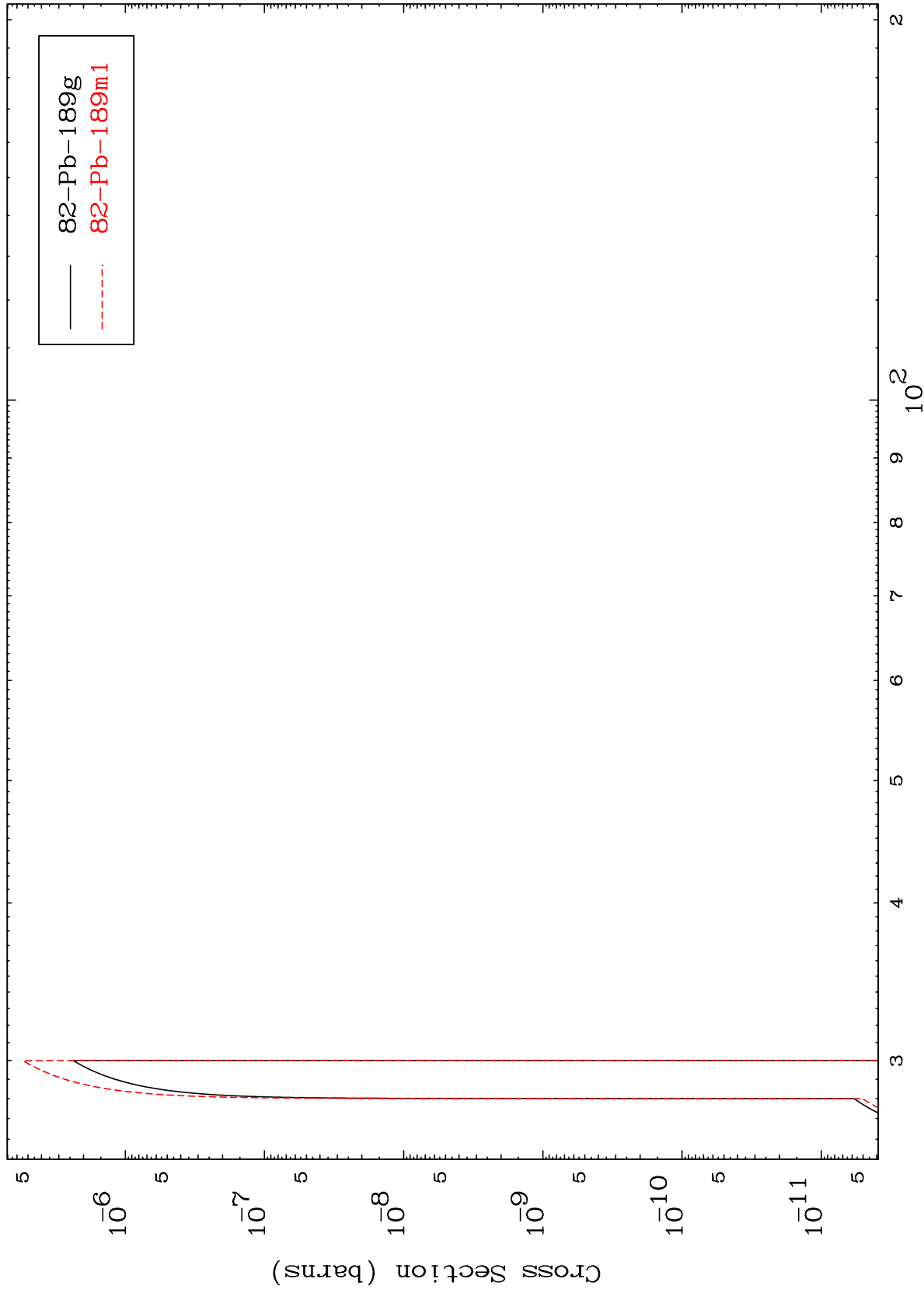
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

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



17

Incident Energy (MeV)

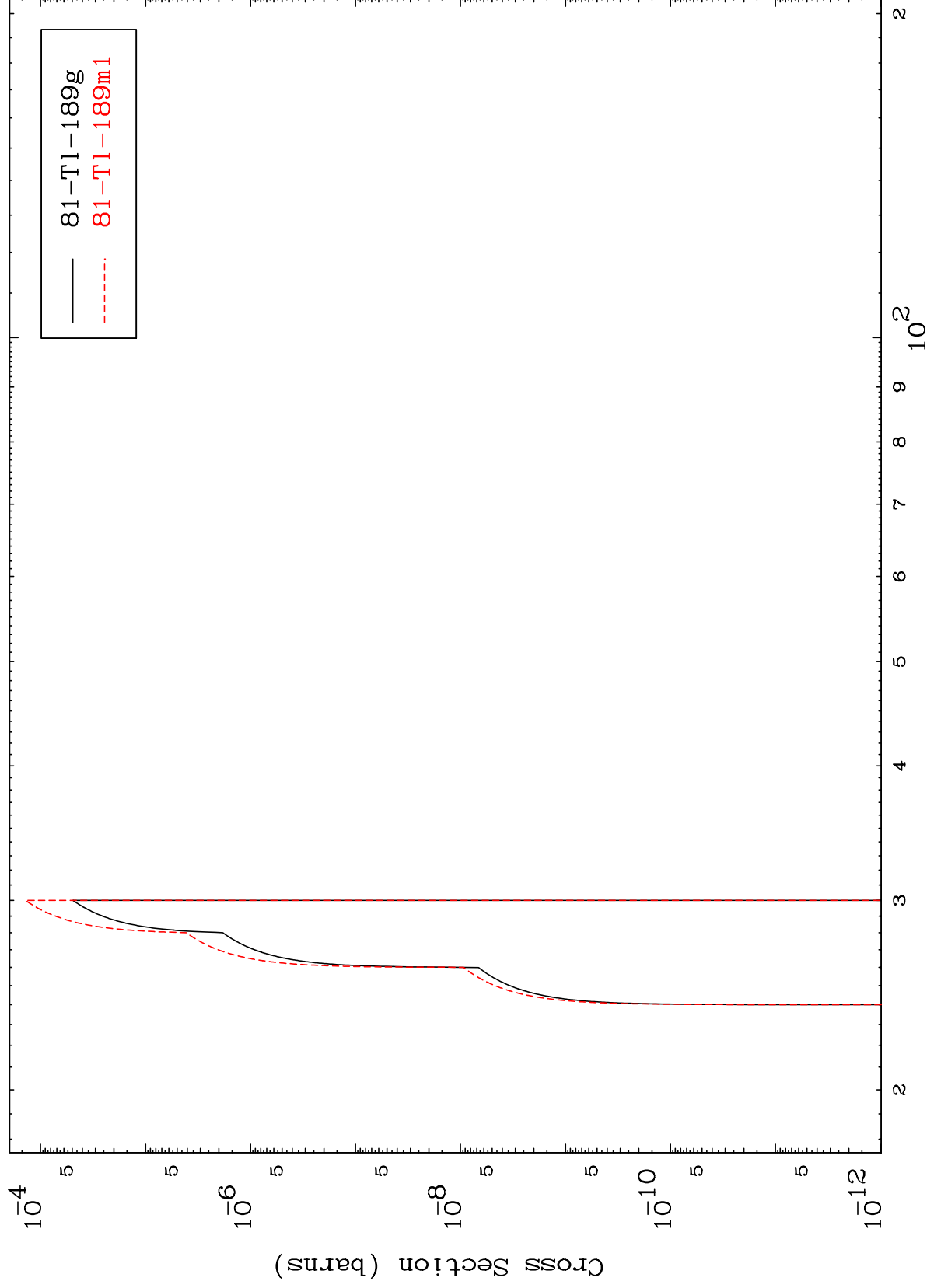
81-Tl-188

MAT 8081

$(\alpha, 2n)$ p

81-Tl-188

Radionuclide Production Cross Section



18

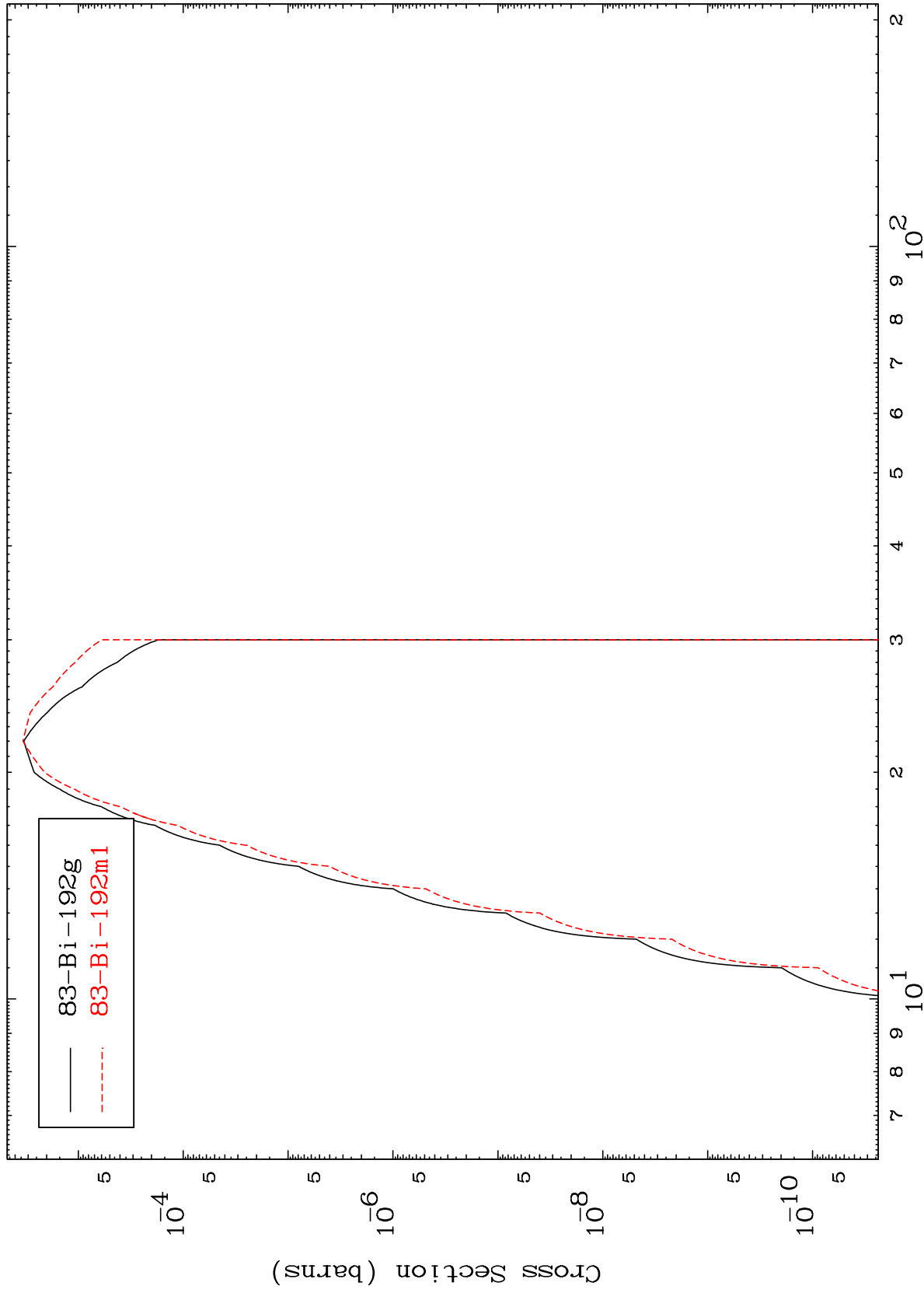
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(α, γ)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

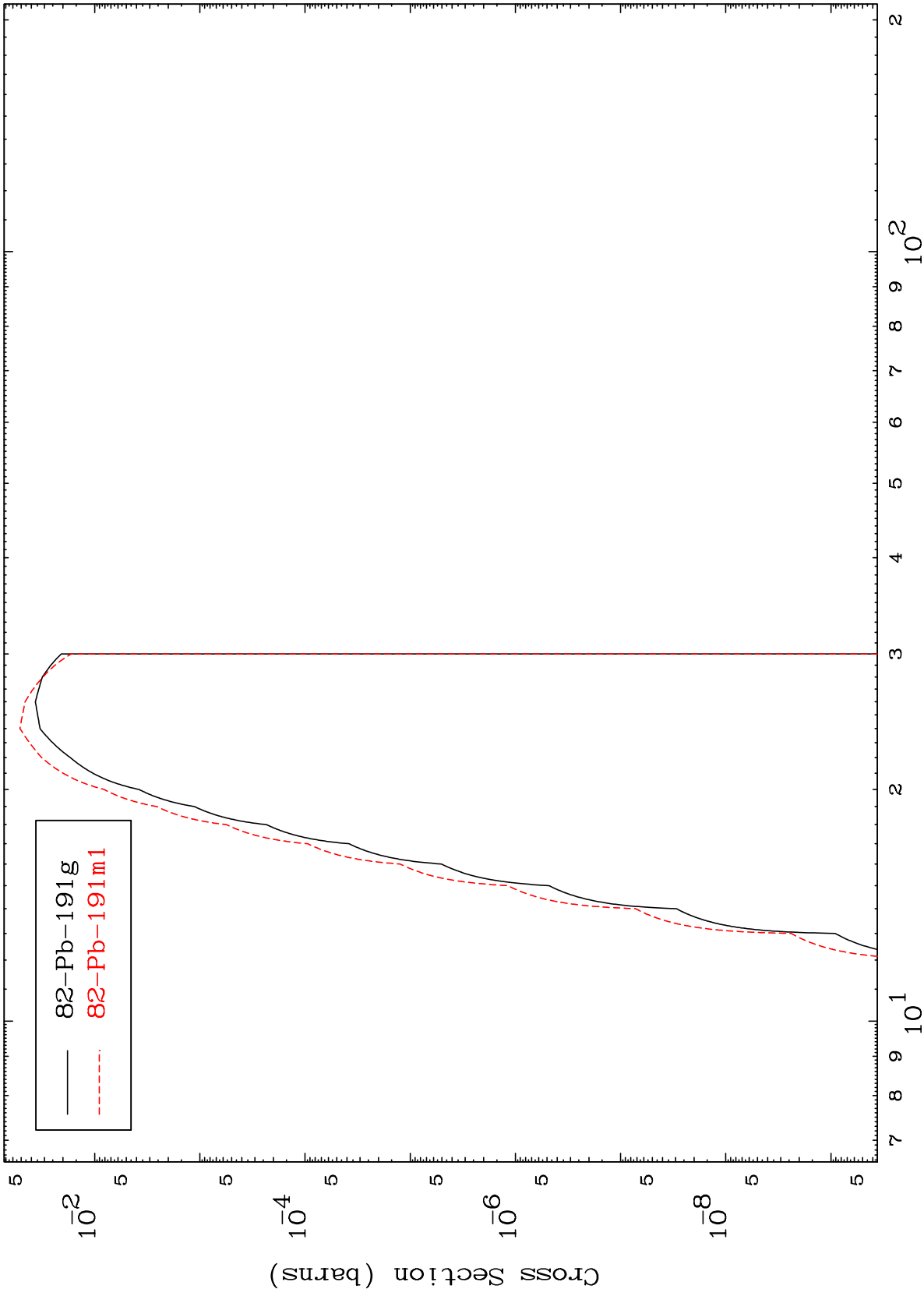
81-Tl-188

MAT 8081

81-Tl-188

Radionuclide Production Cross Section

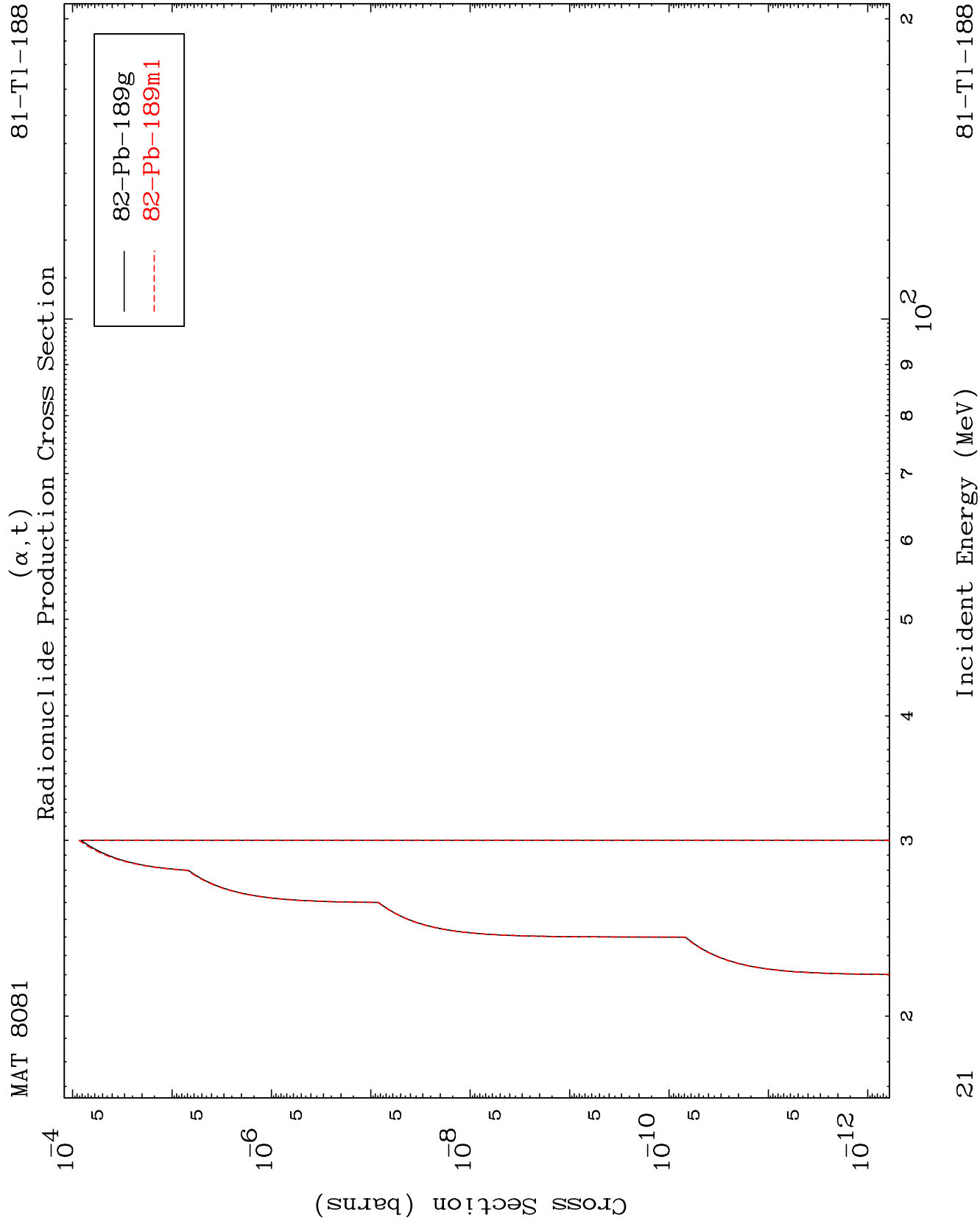
(α, p)

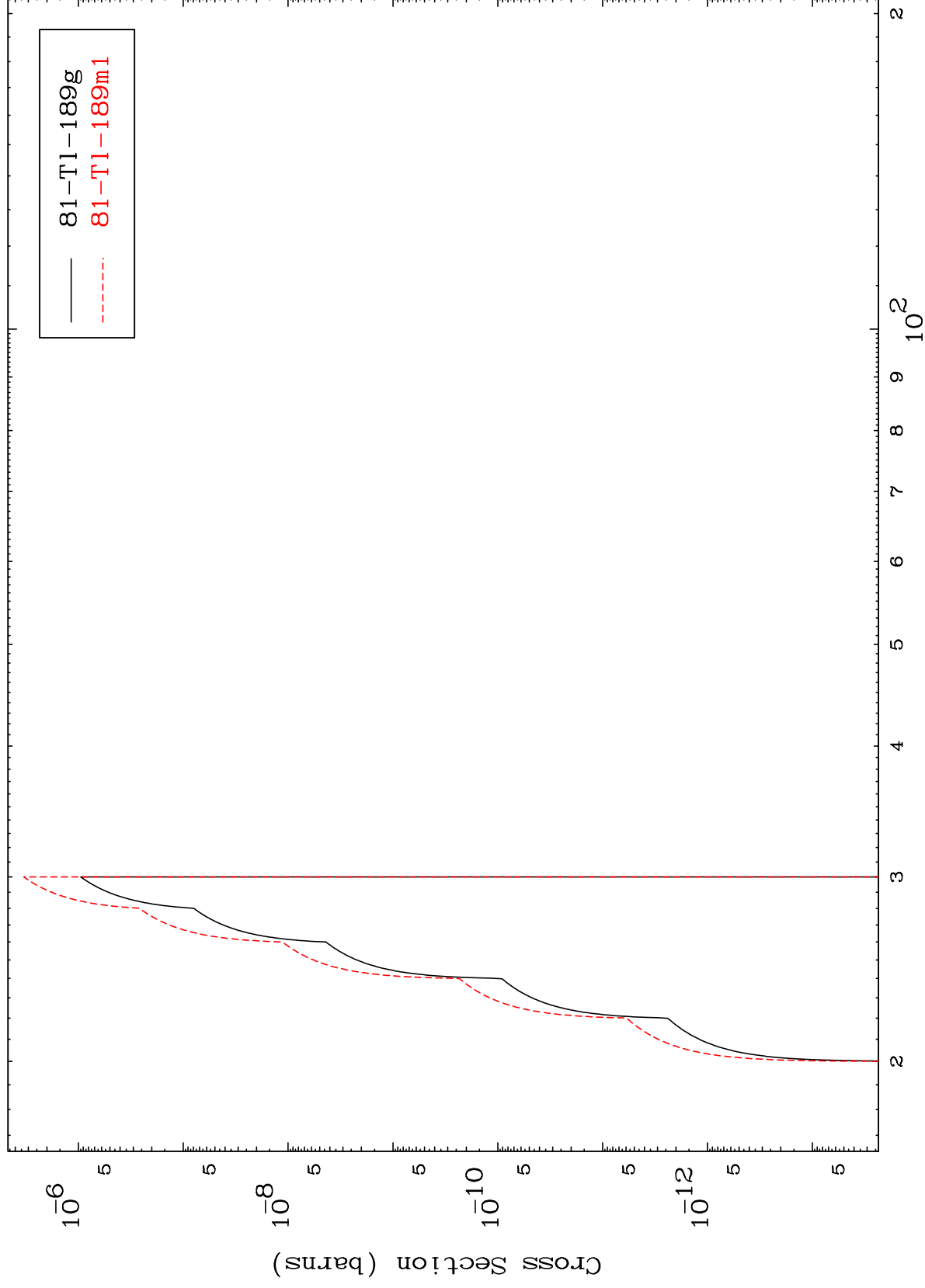


81-Tl-188

Incident Energy (MeV)

20



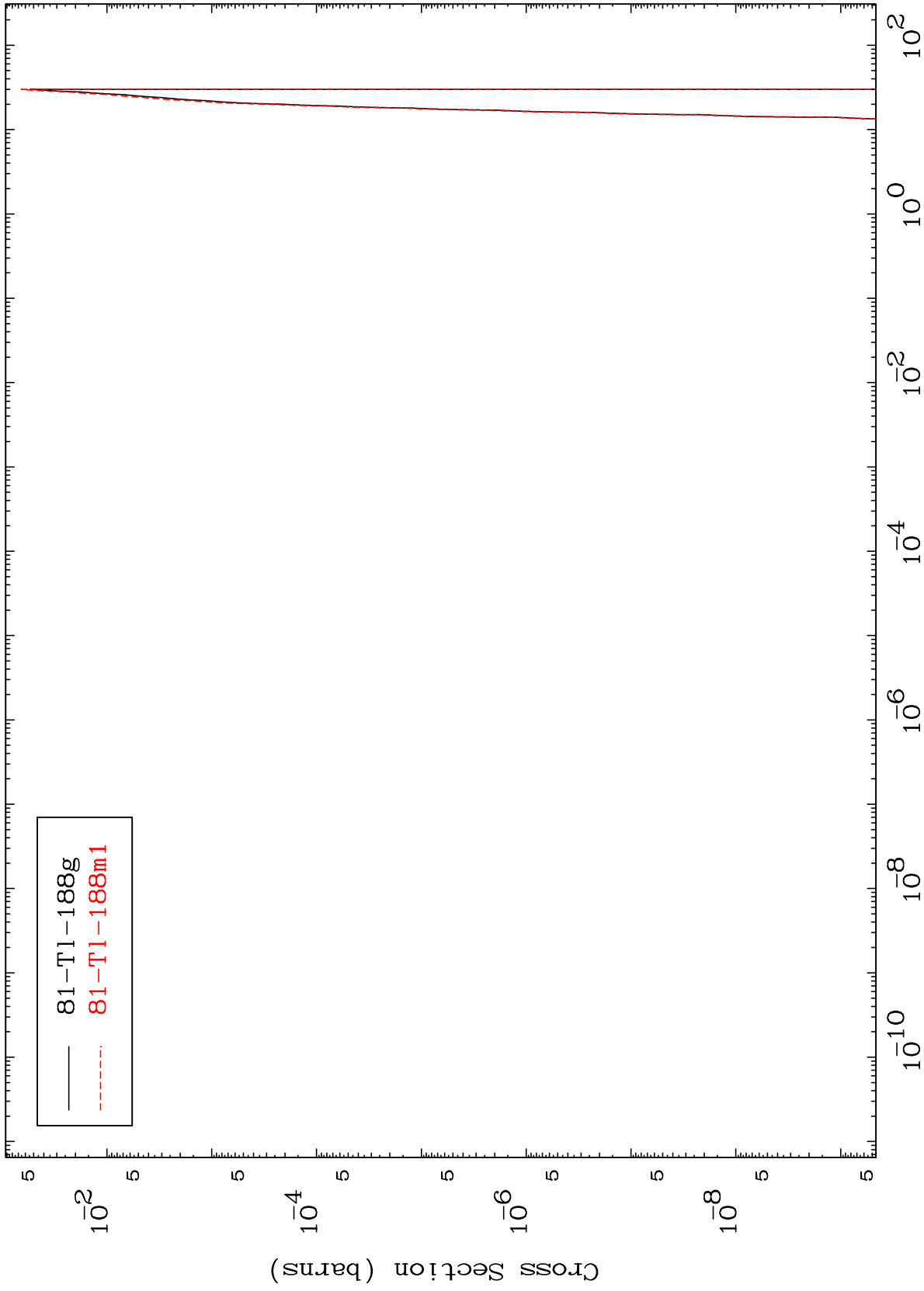
$(\alpha, \text{He-3})$
Radionuclide Production Cross Section

MAT 8081

(α, α)

81-Tl-188

Radionuclide Production Cross Section



23

Incident Energy (MeV)

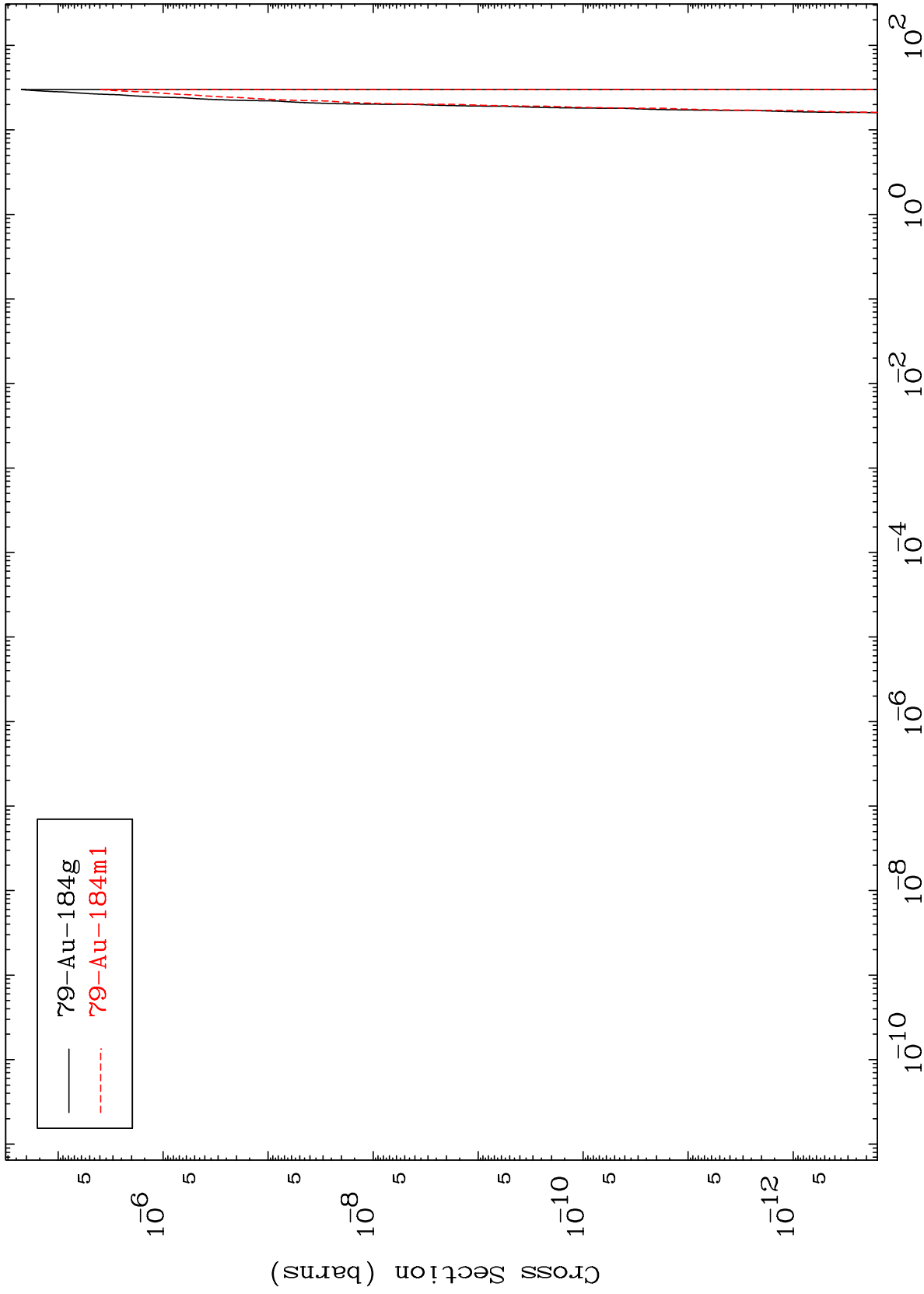
81-Tl-188

MAT 8081

($\alpha, 2\alpha$)

81-Tl-188

Radionuclide Production Cross Section



24

Incident Energy (MeV)

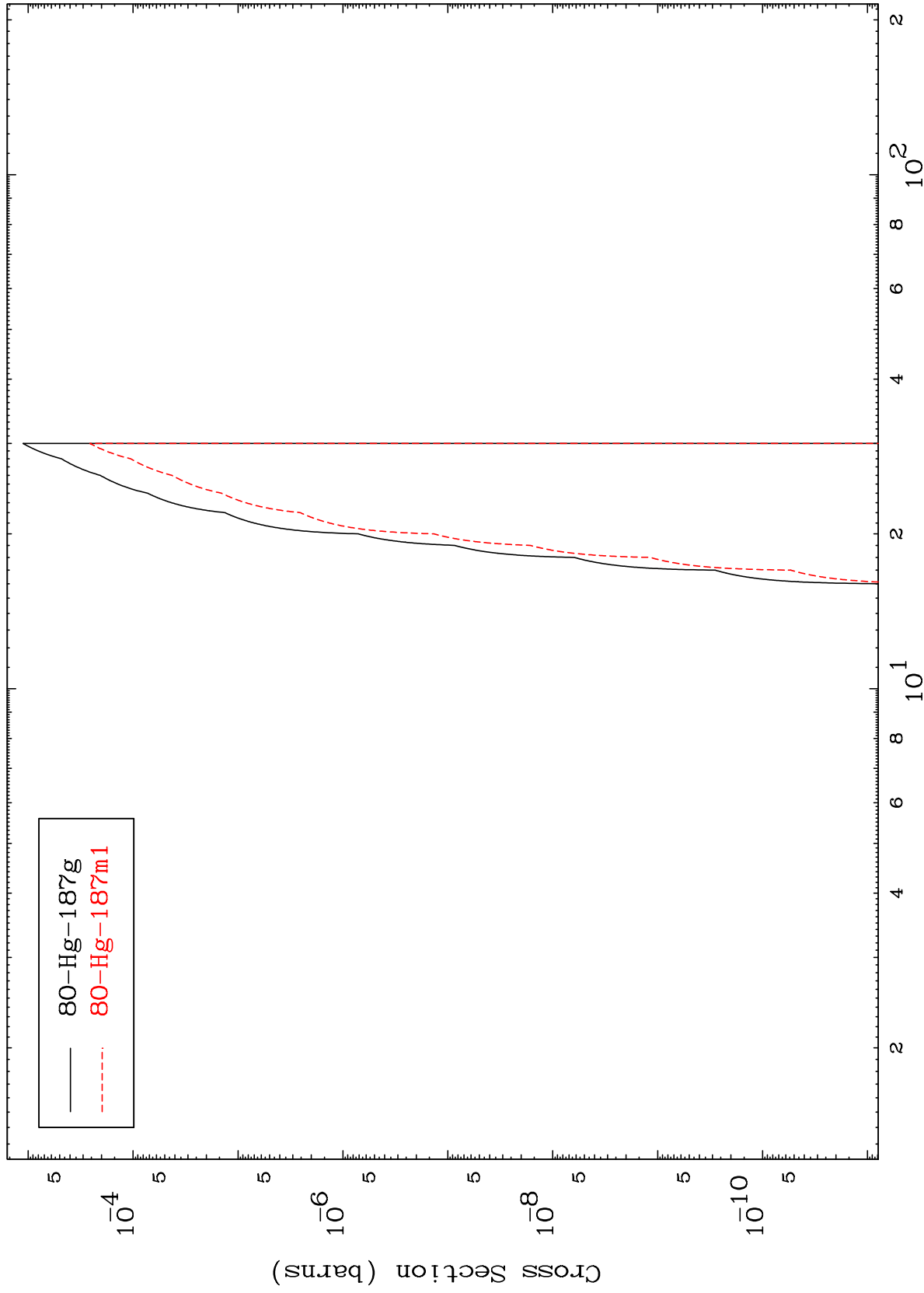
81-Tl-188

MAT 8081

(α ,p) α

81-Tl-188

Radionuclide Production Cross Section



25

Incident Energy (MeV)

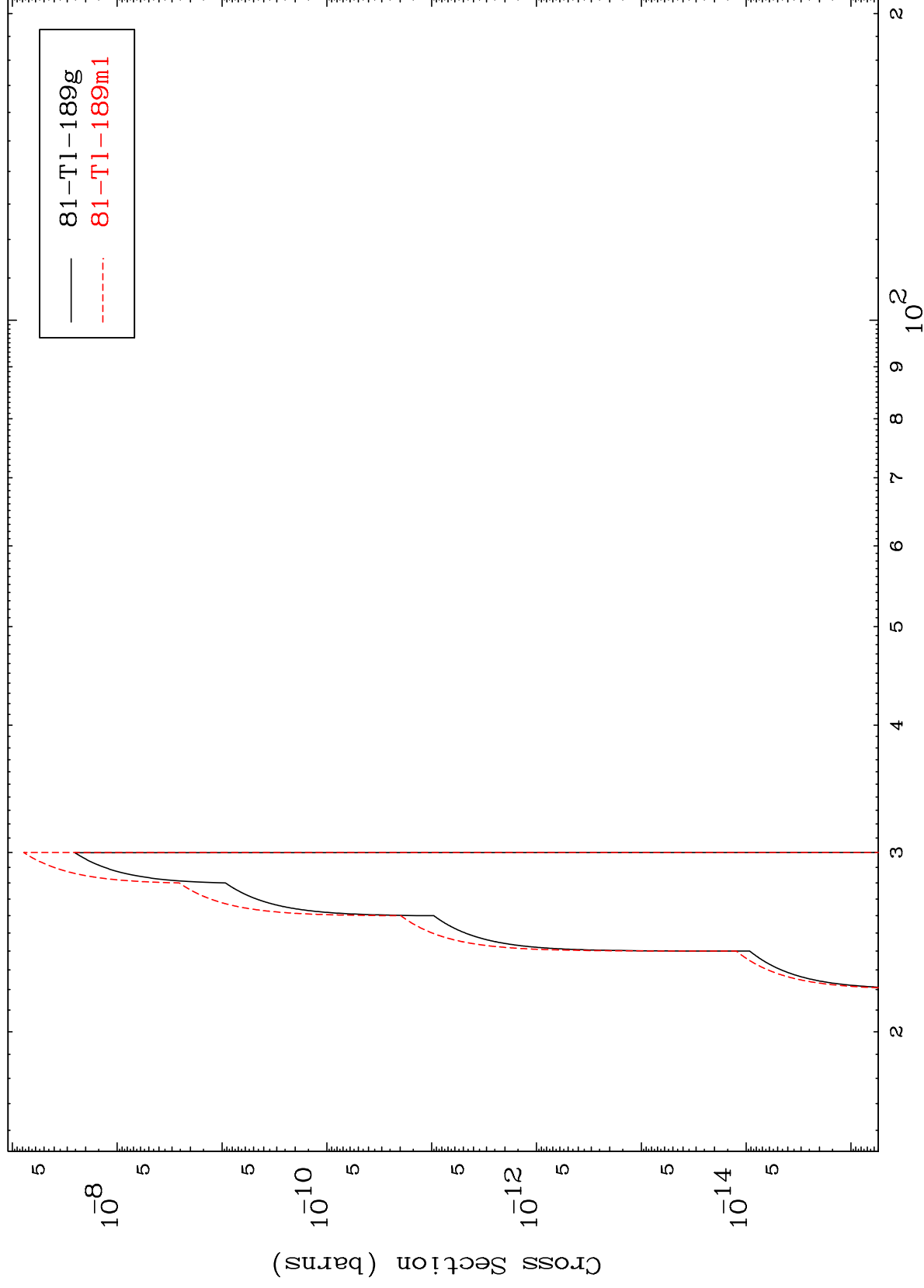
81-Tl-188

MAT 8081

(α ,p) d

81-Tl-188

Radionuclide Production Cross Section



26

Incident Energy (MeV)

81-Tl-188