

Program EVALPLOT
(Version 2021-1)

by

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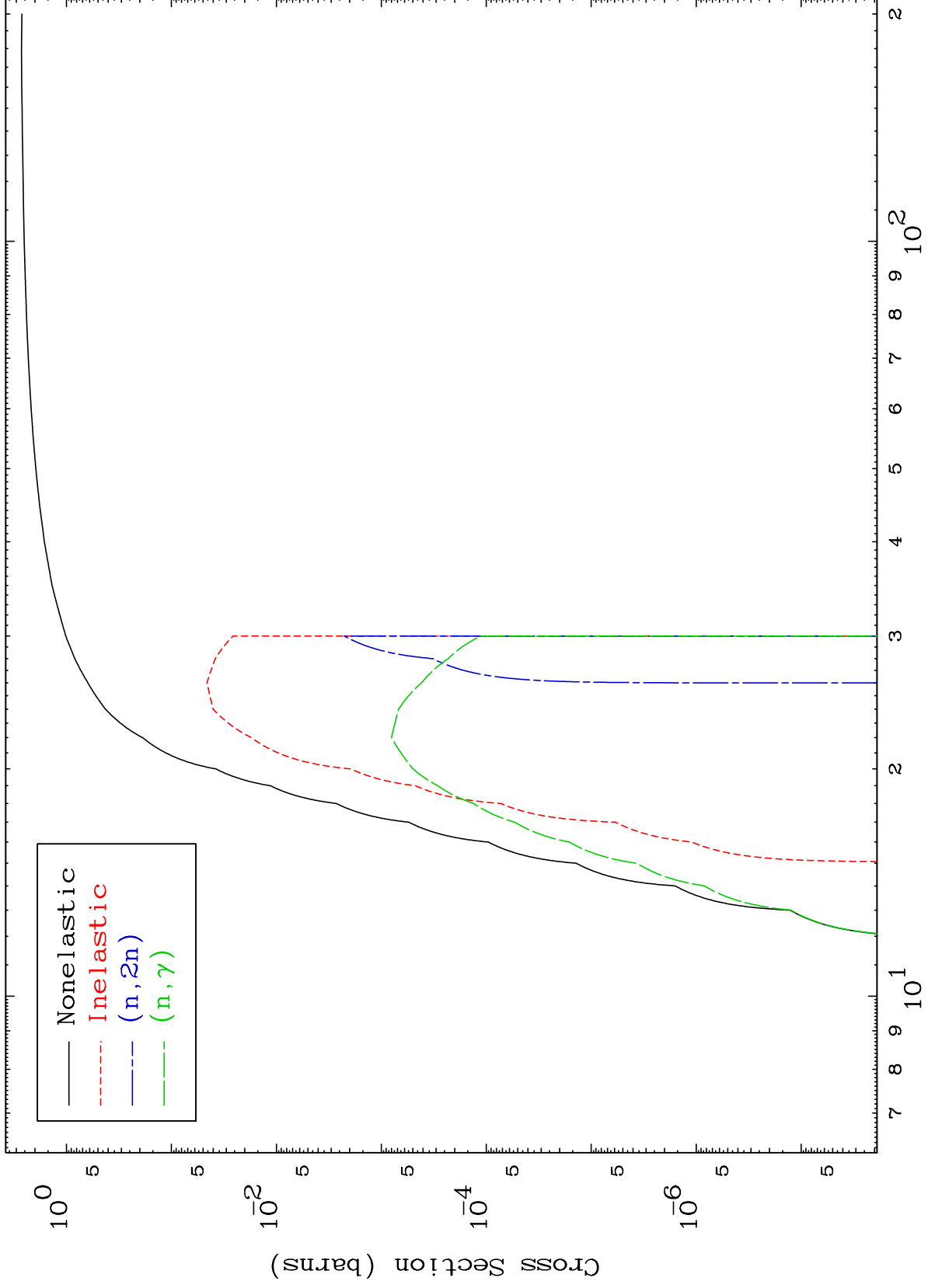
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8080

0 Kelvin Cross Sections

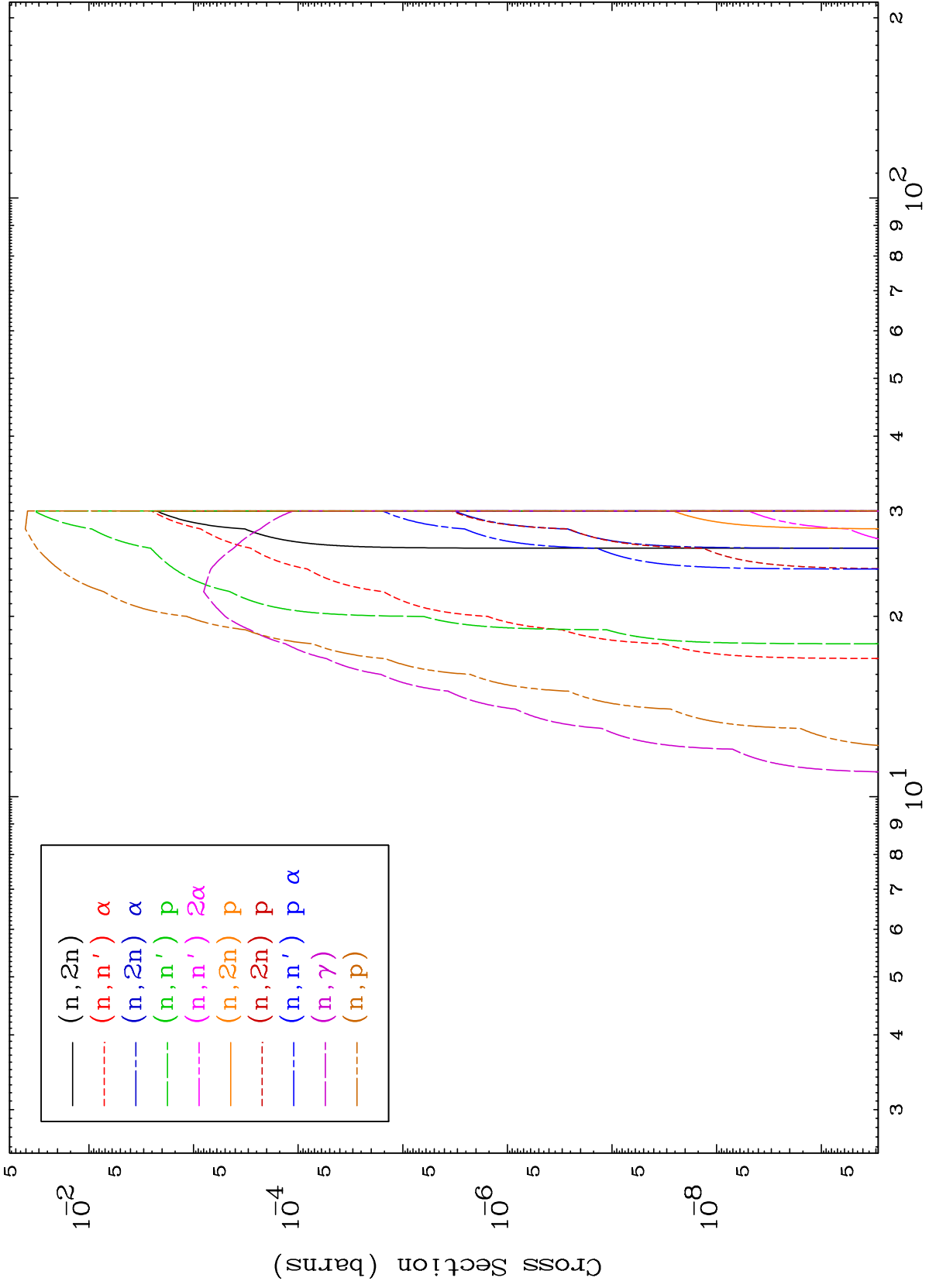
81-Tl-188



1

Incident Energy (MeV)

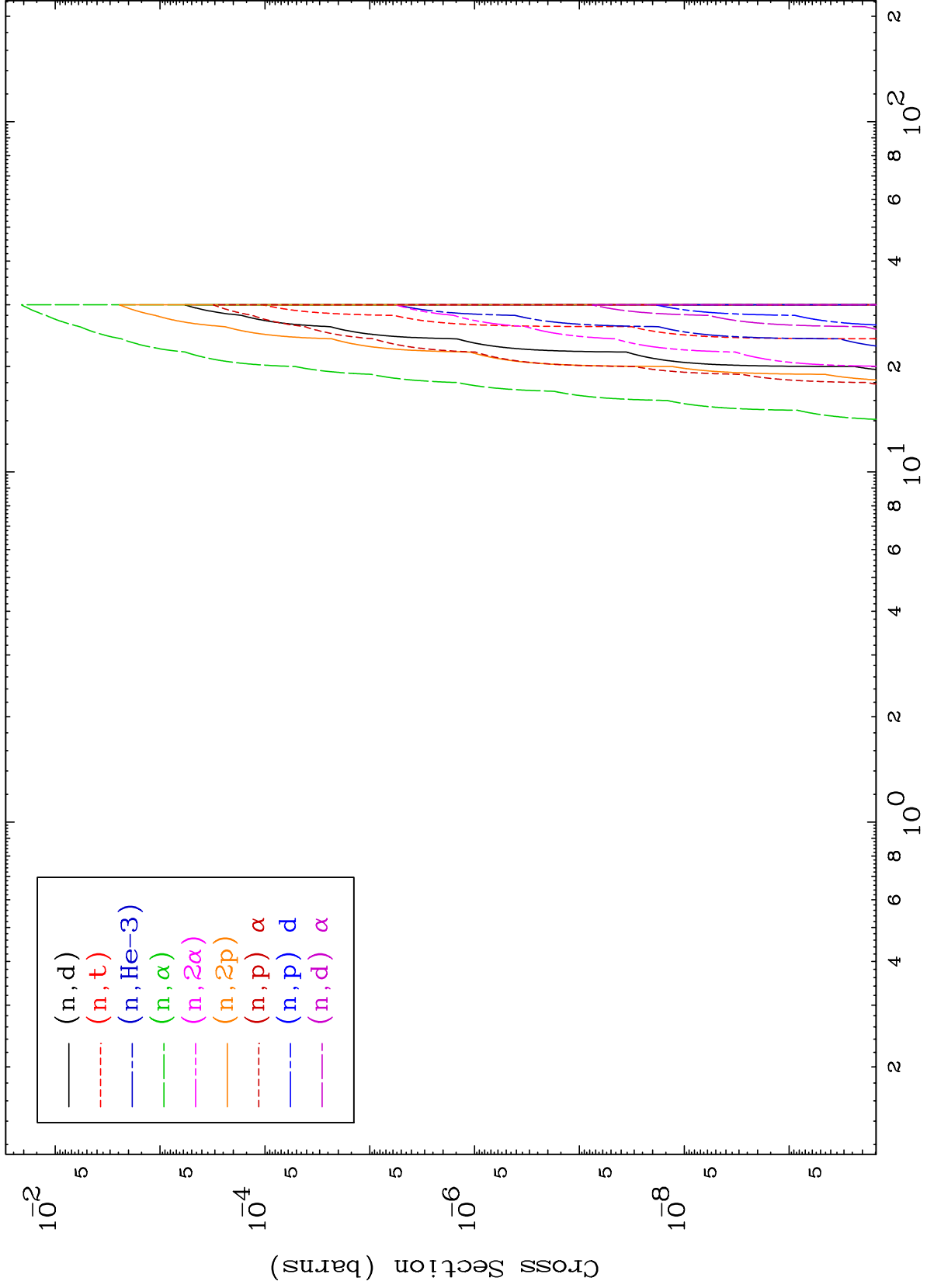
81-Tl-188

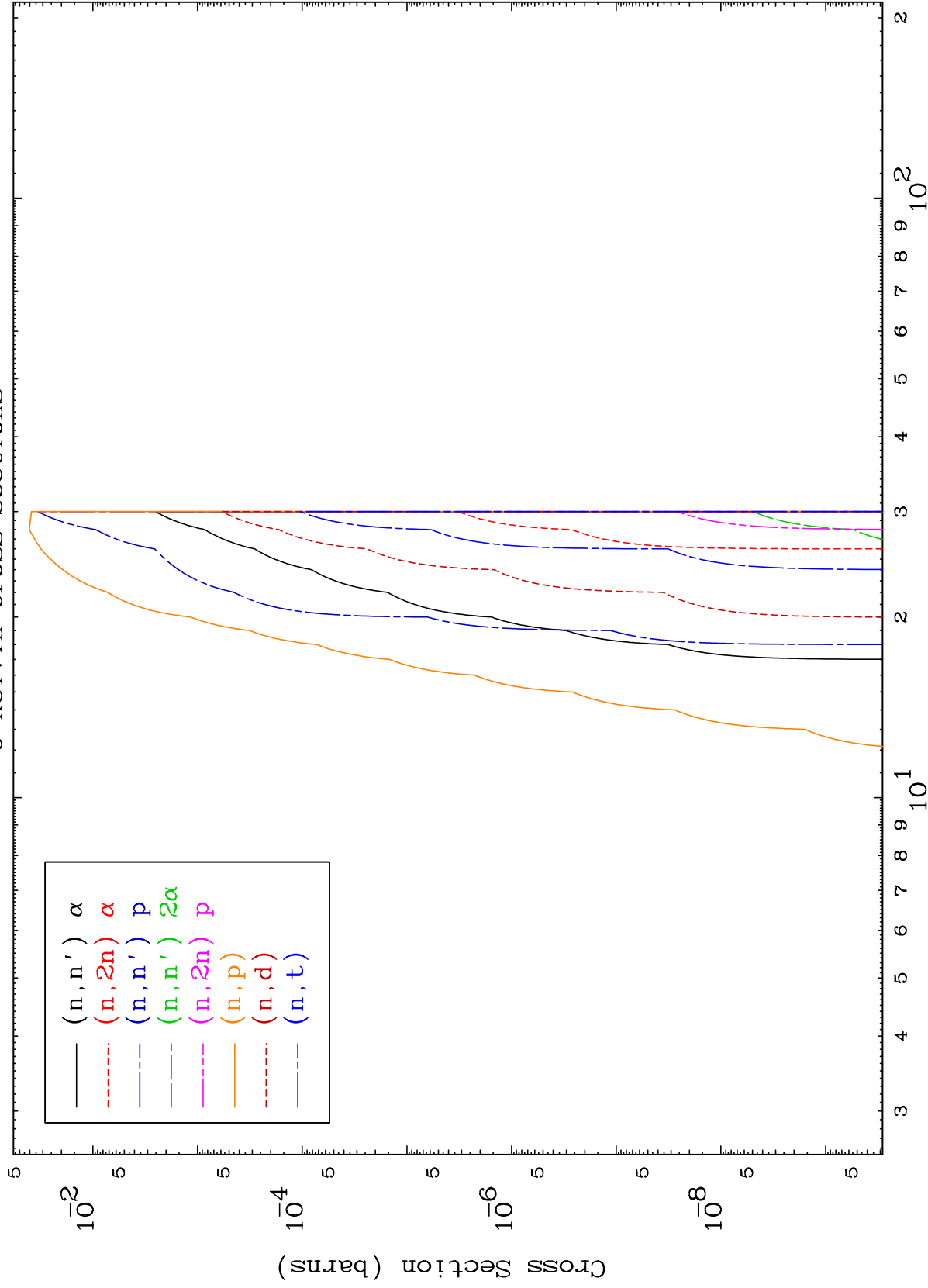


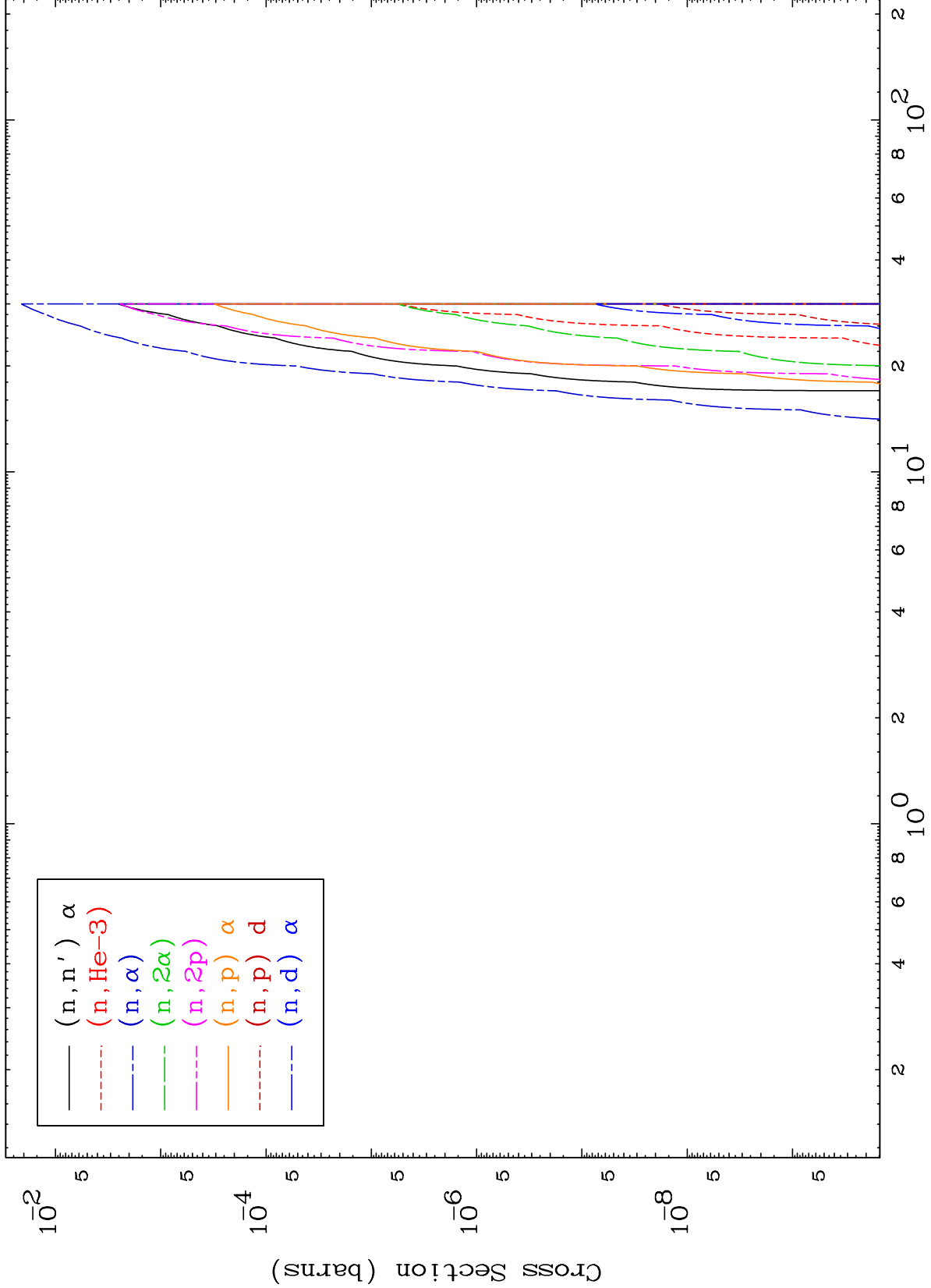
MAT 8080

α Neutron Absorption
0 Kelvin Cross Sections

81-Tl-188



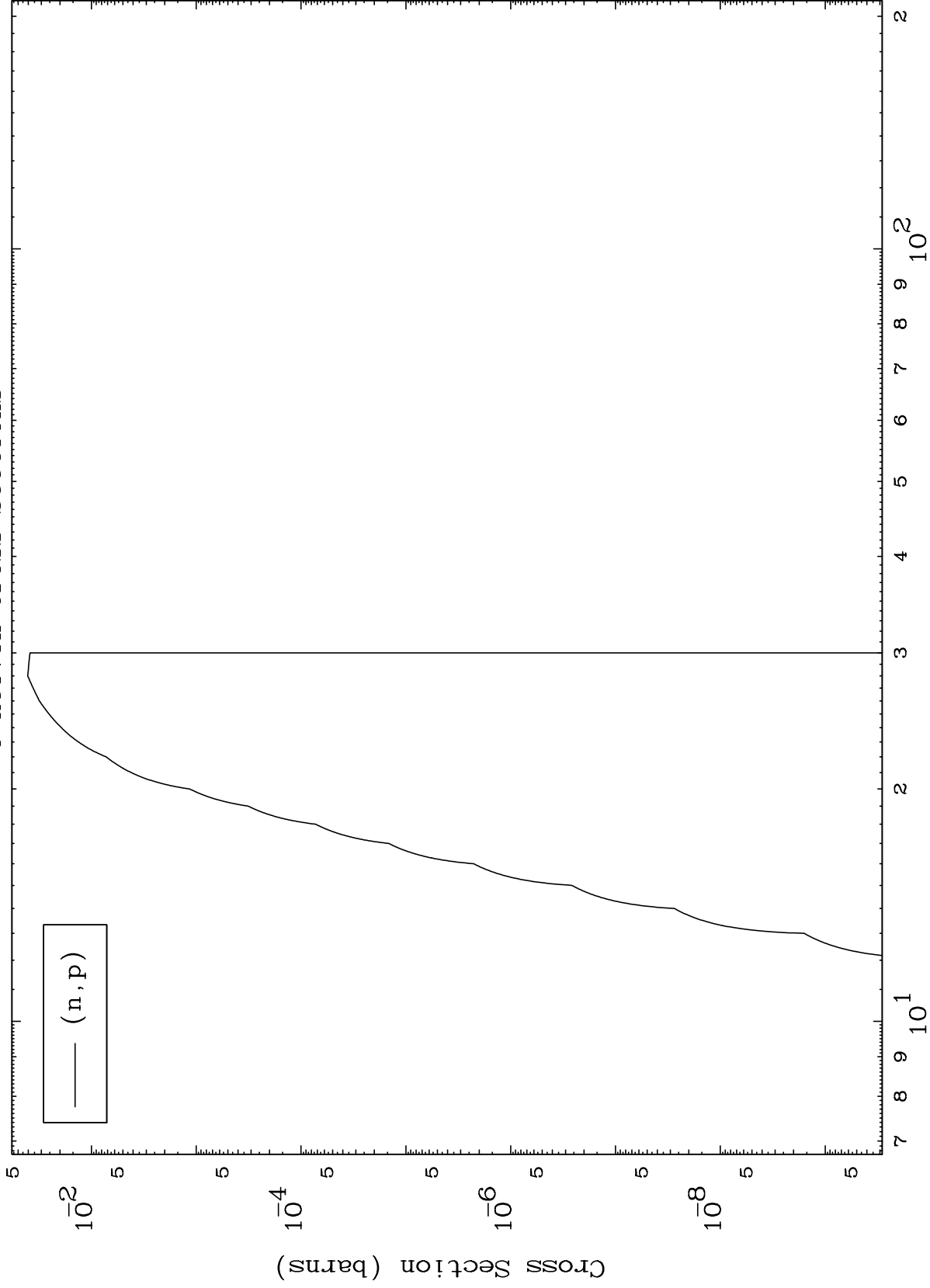




MAT 8080

(α, p) Levels
0 Kelvin Cross Sections

81-Tl-188



Incident Energy (MeV)

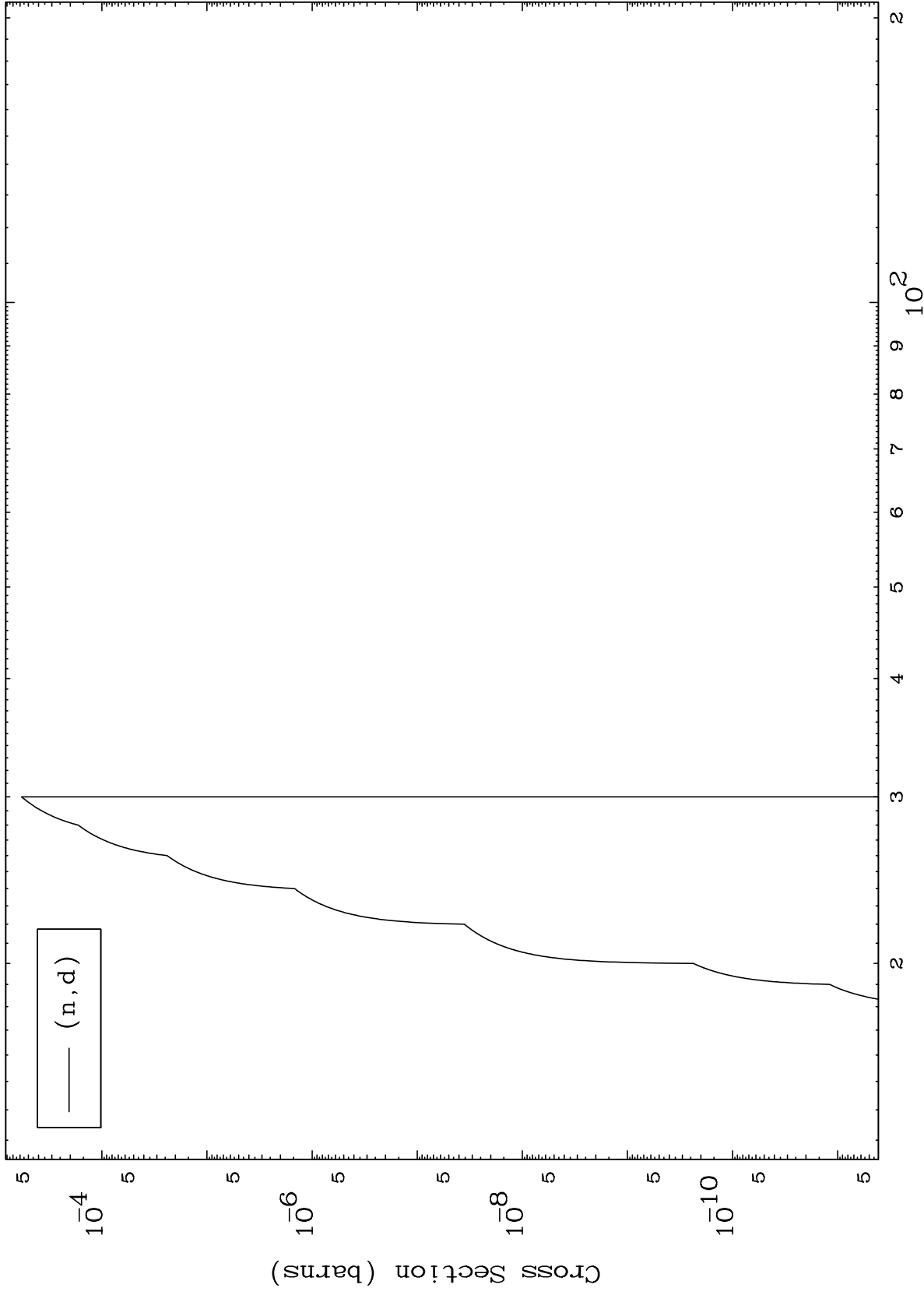
81-Tl-188

6

MAT 8080

(α, d) Levels
0 Kelvin Cross Sections

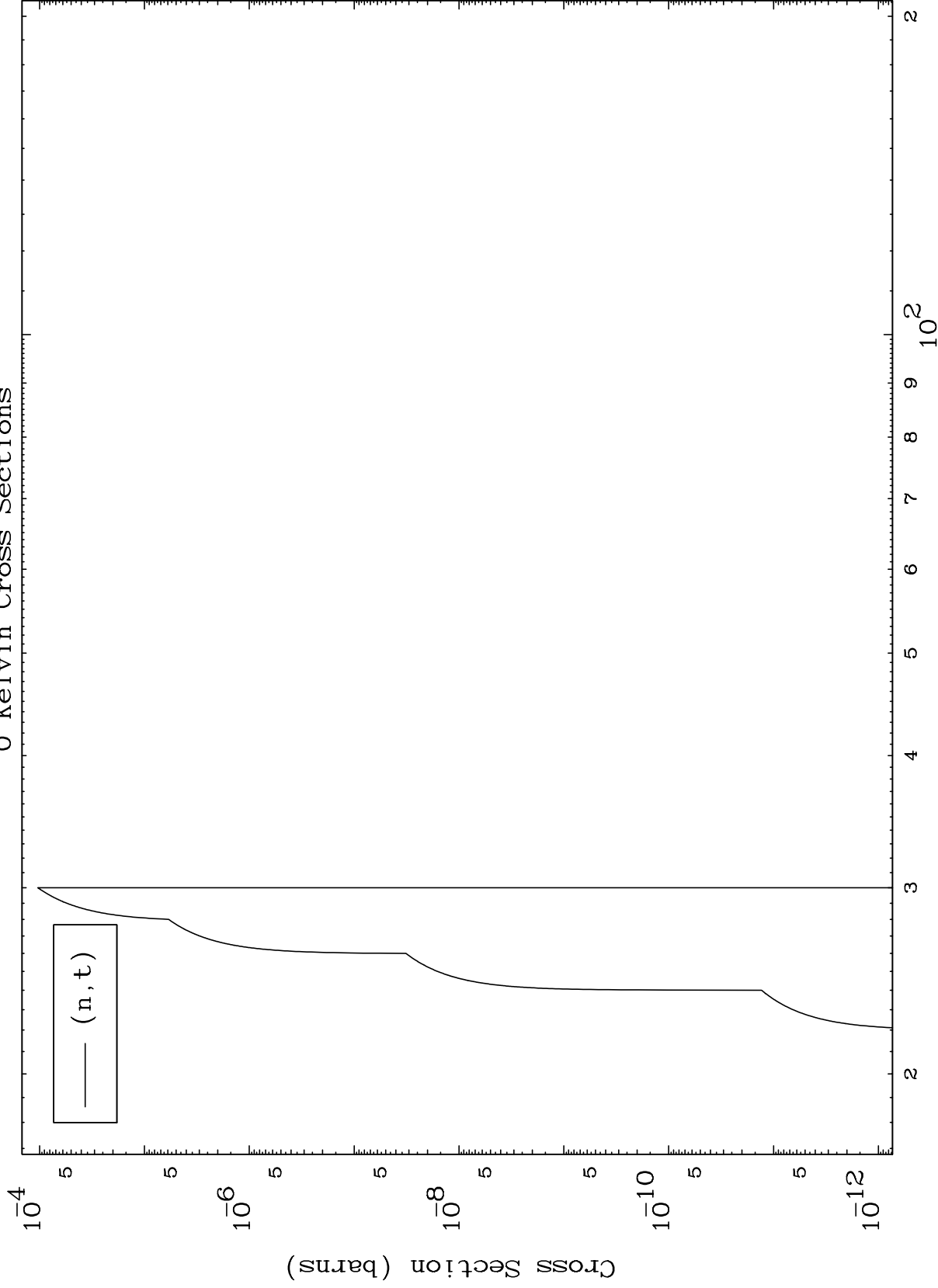
81-Tl-188

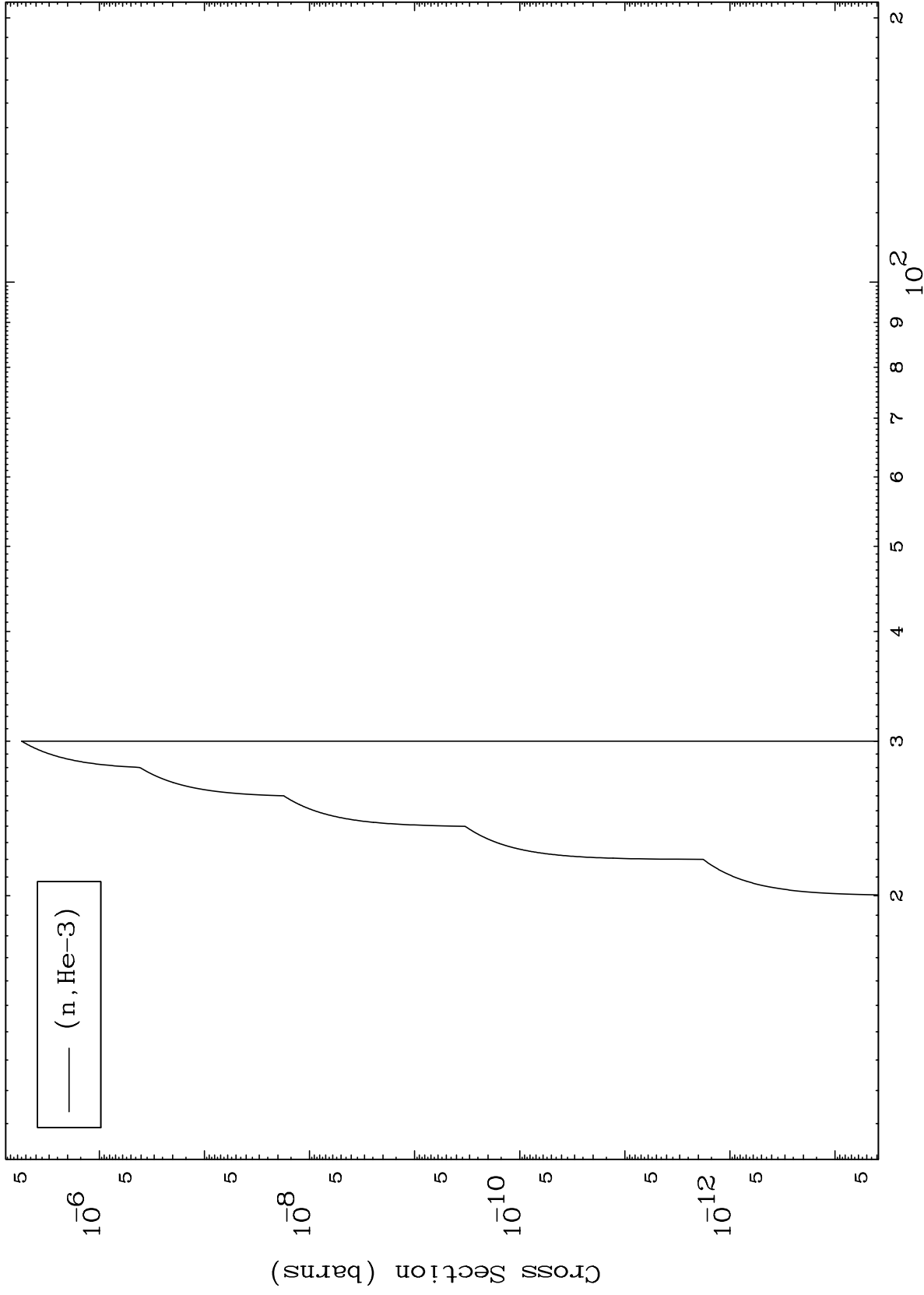


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Incident Energy (MeV)

81-Tl-188





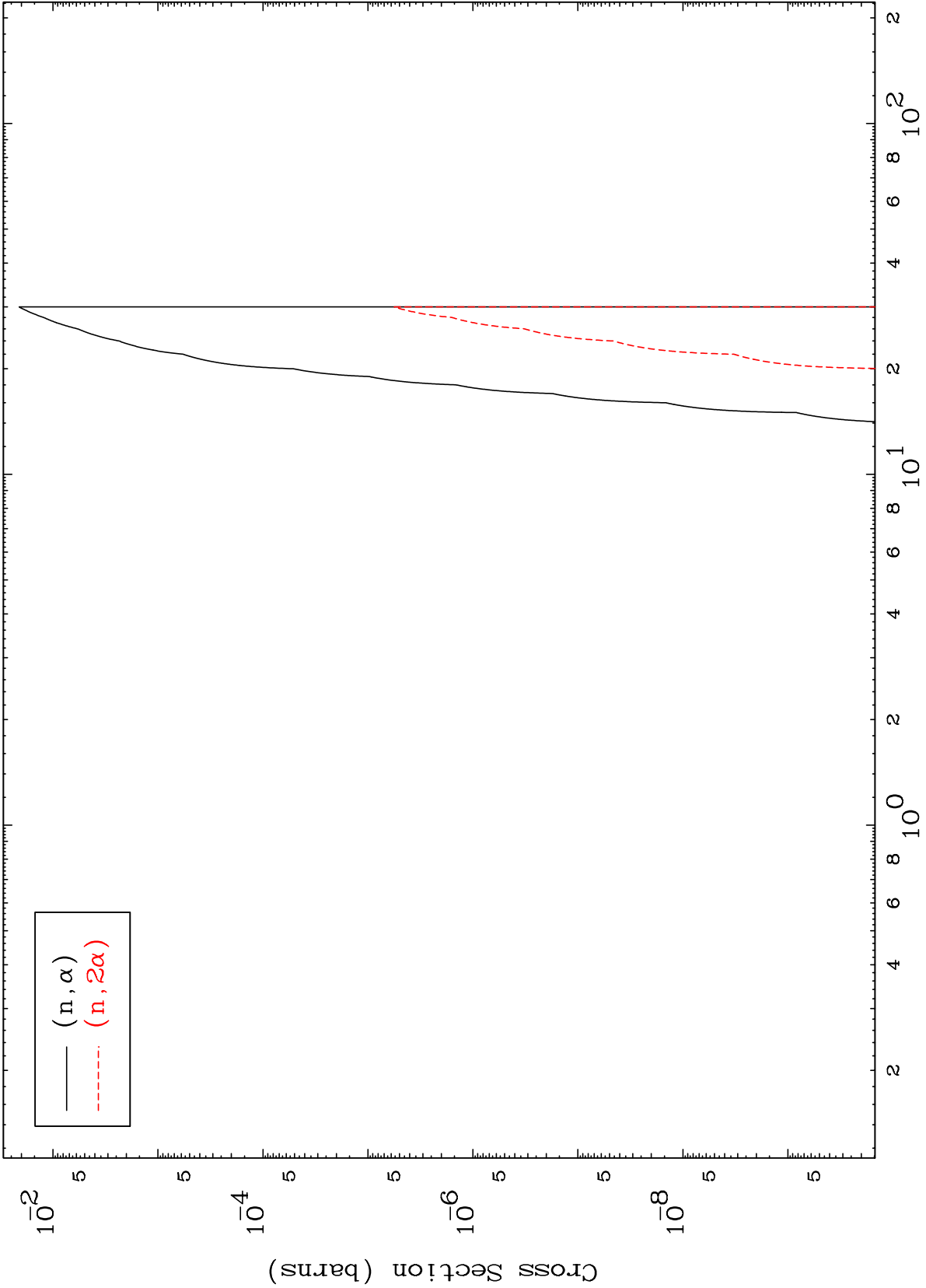
(n, He-3)

MAT 8080

(α, α) Levels

81-Tl-188

0 Kelvin Cross Sections

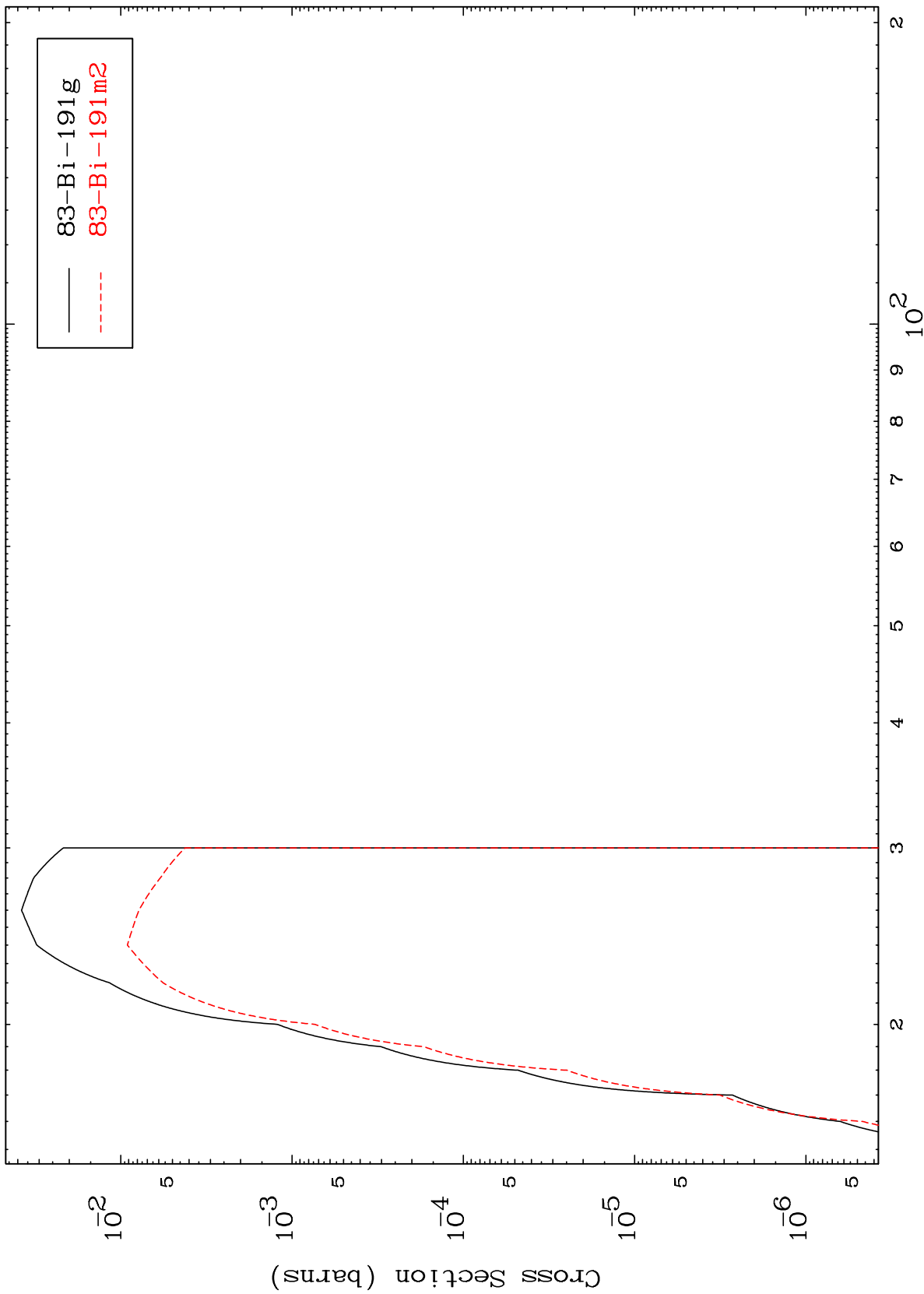


10

Incident Energy (MeV)

81-Tl-188

Inelastic
Radionuclide Production Cross Section

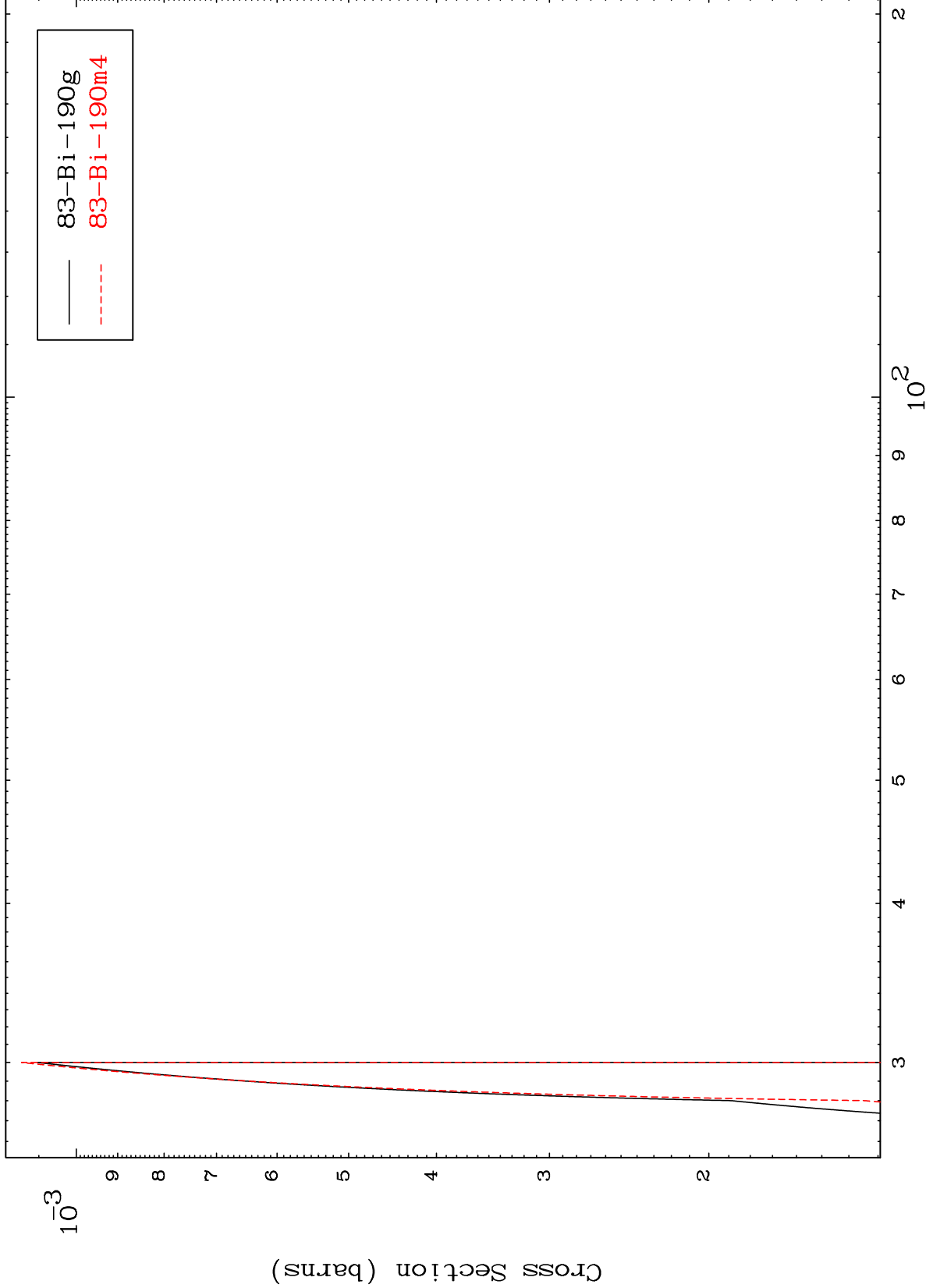


MAT 8080

(n,2n)

81-Tl-188

Radionuclide Production Cross Section



12

Incident Energy (MeV)

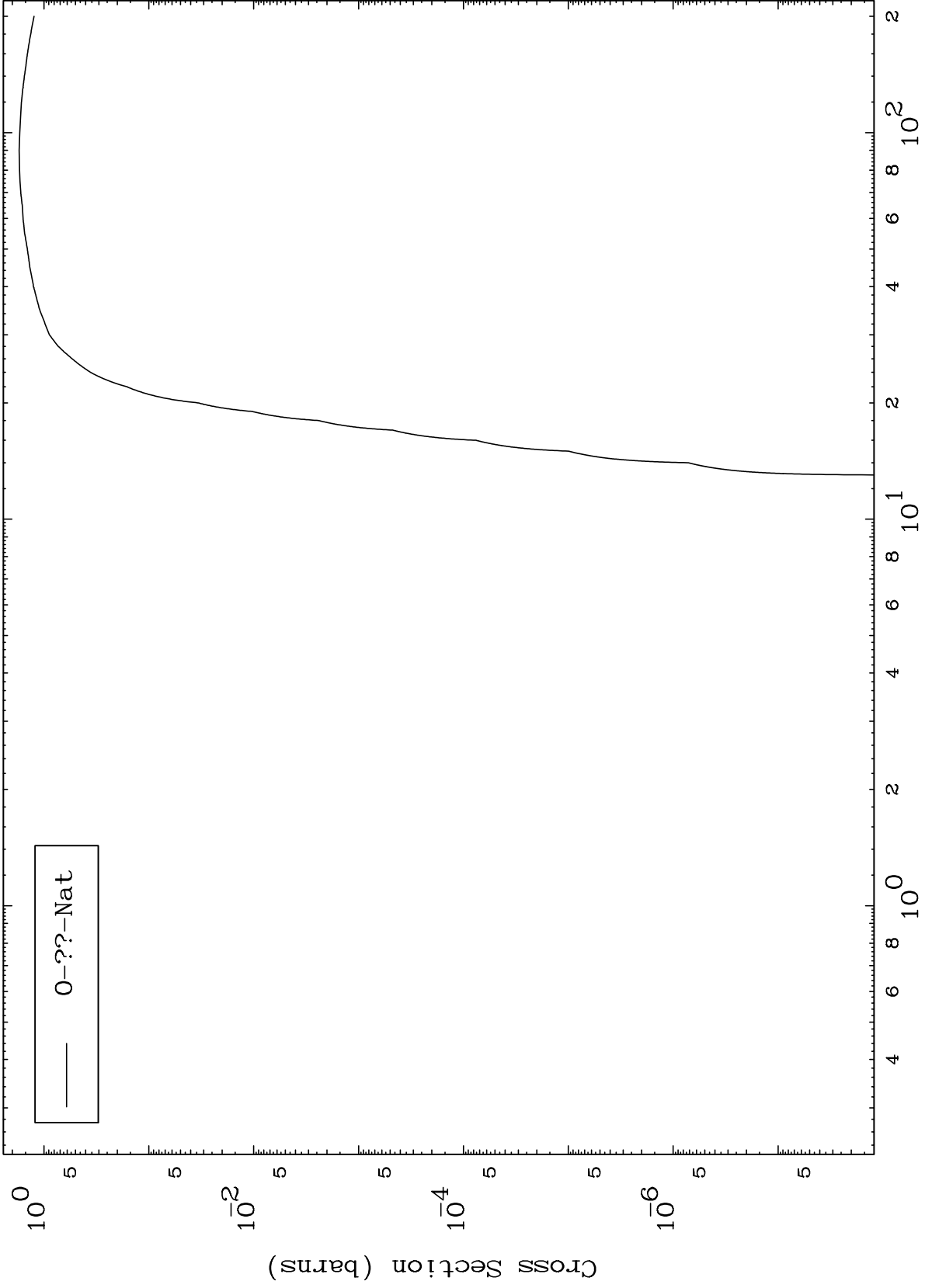
81-Tl-188

MAT 8080

Fission

81-Tl-188

Radionuclide Production Cross Section

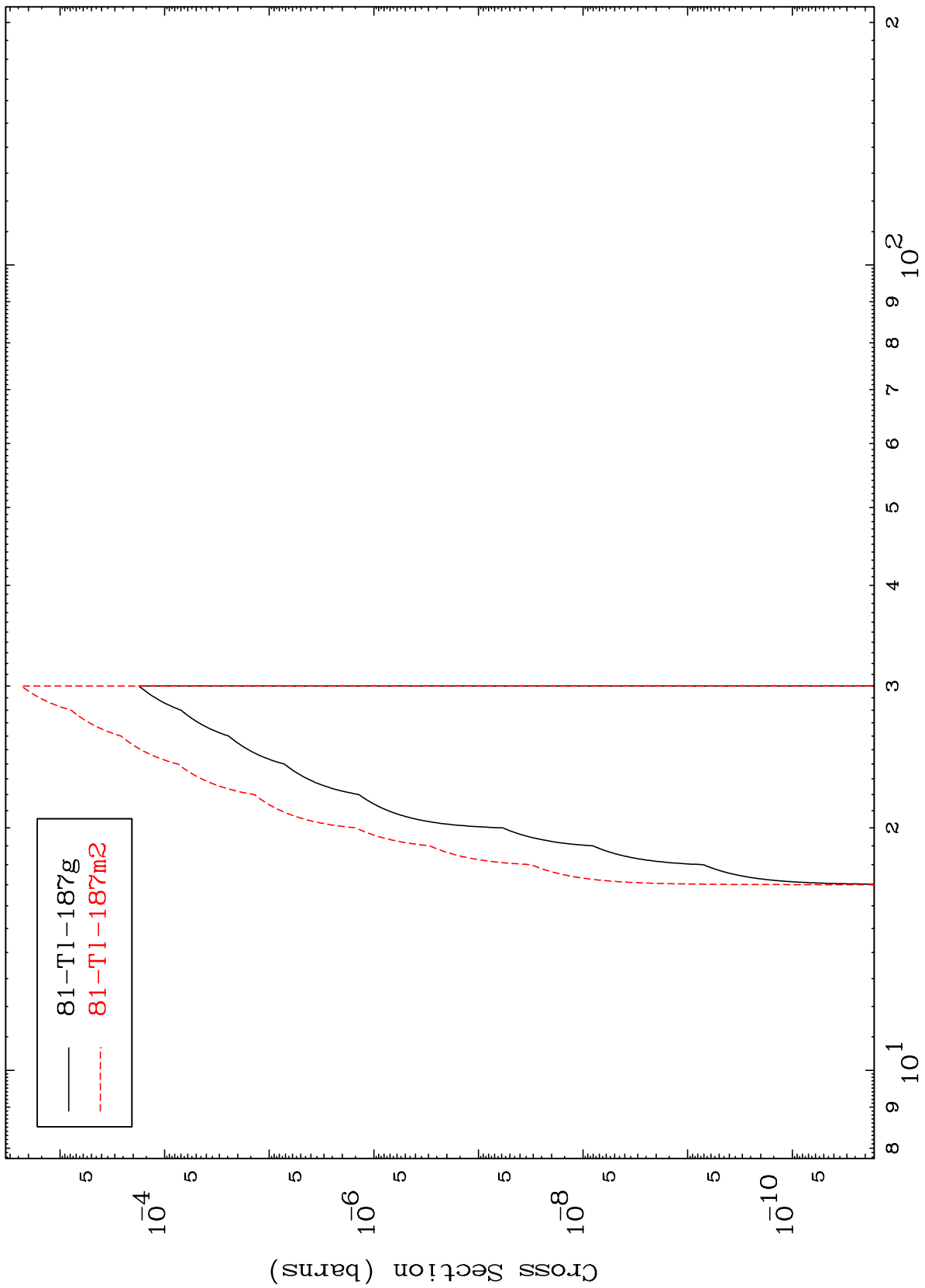


MAT 8080

$(n, n') \alpha$

81-Tl-188

Radionuclide Production Cross Section



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

Incident Energy (MeV)

81-Tl-188

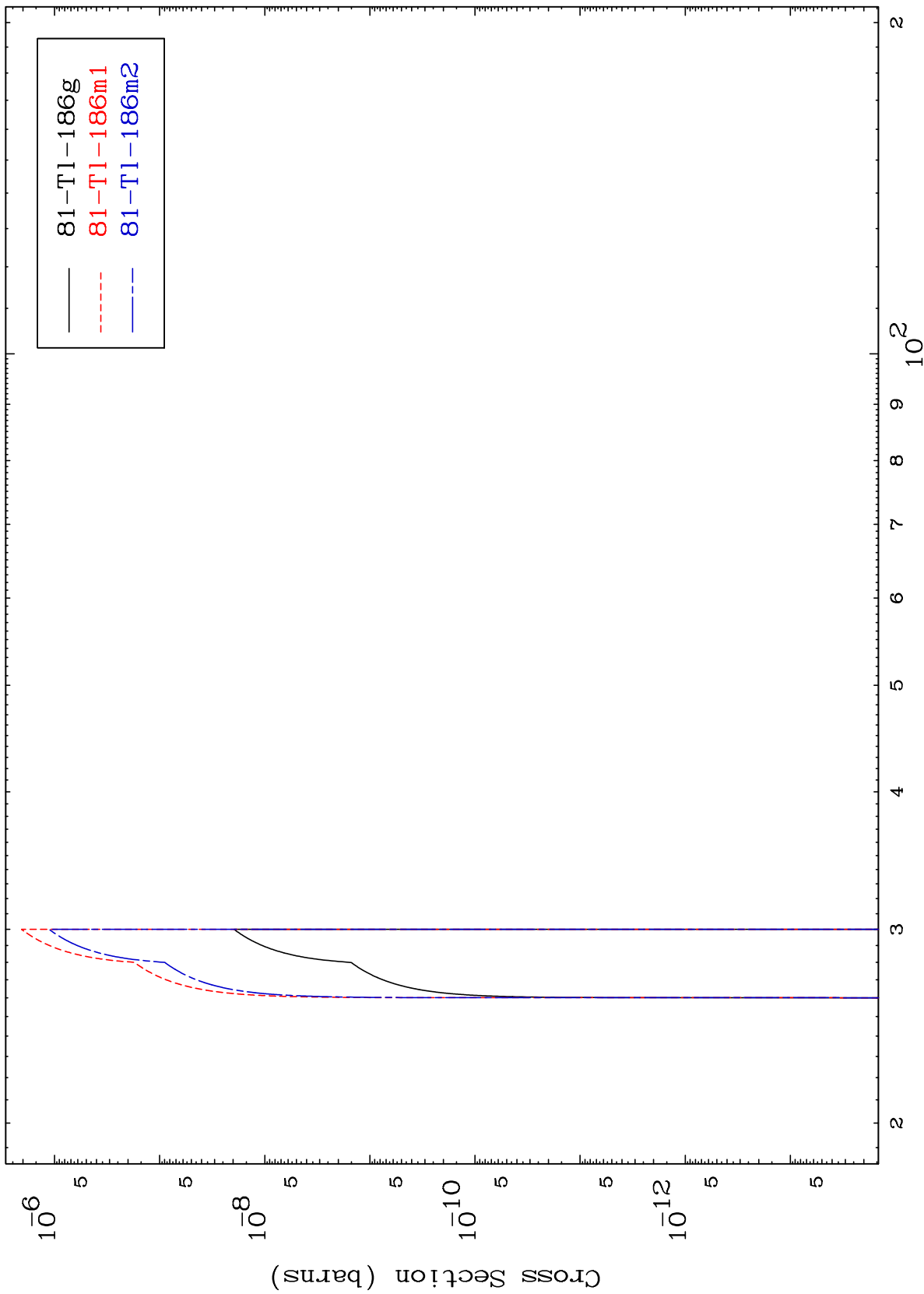
14

MAT 8080

$(n,2n) \alpha$

81-Tl-188

Radionuclide Production Cross Section



15

Incident Energy (MeV)

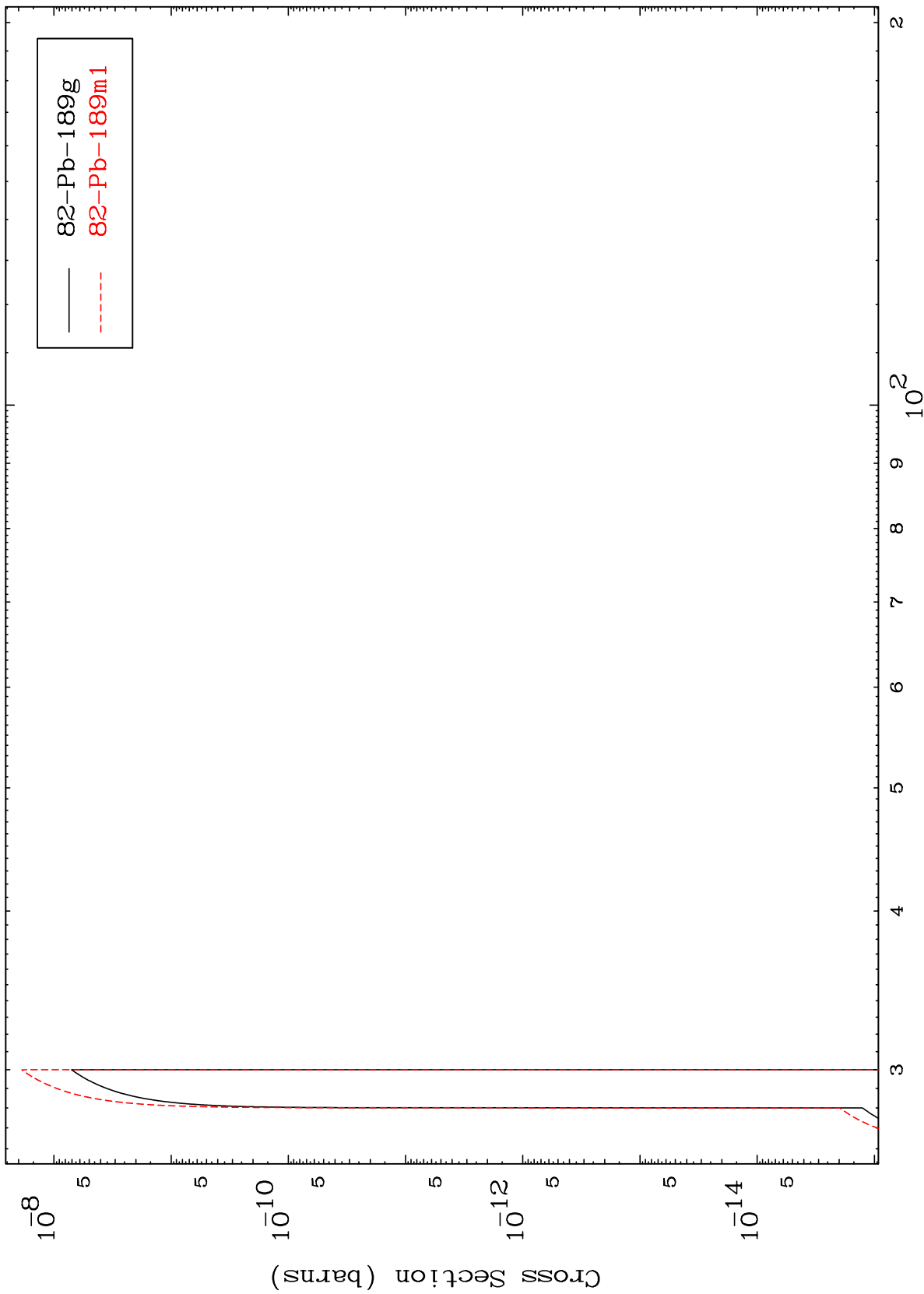
81-Tl-188

MAT 8080

(n,2n) p

81-Tl-188

Radionuclide Production Cross Section

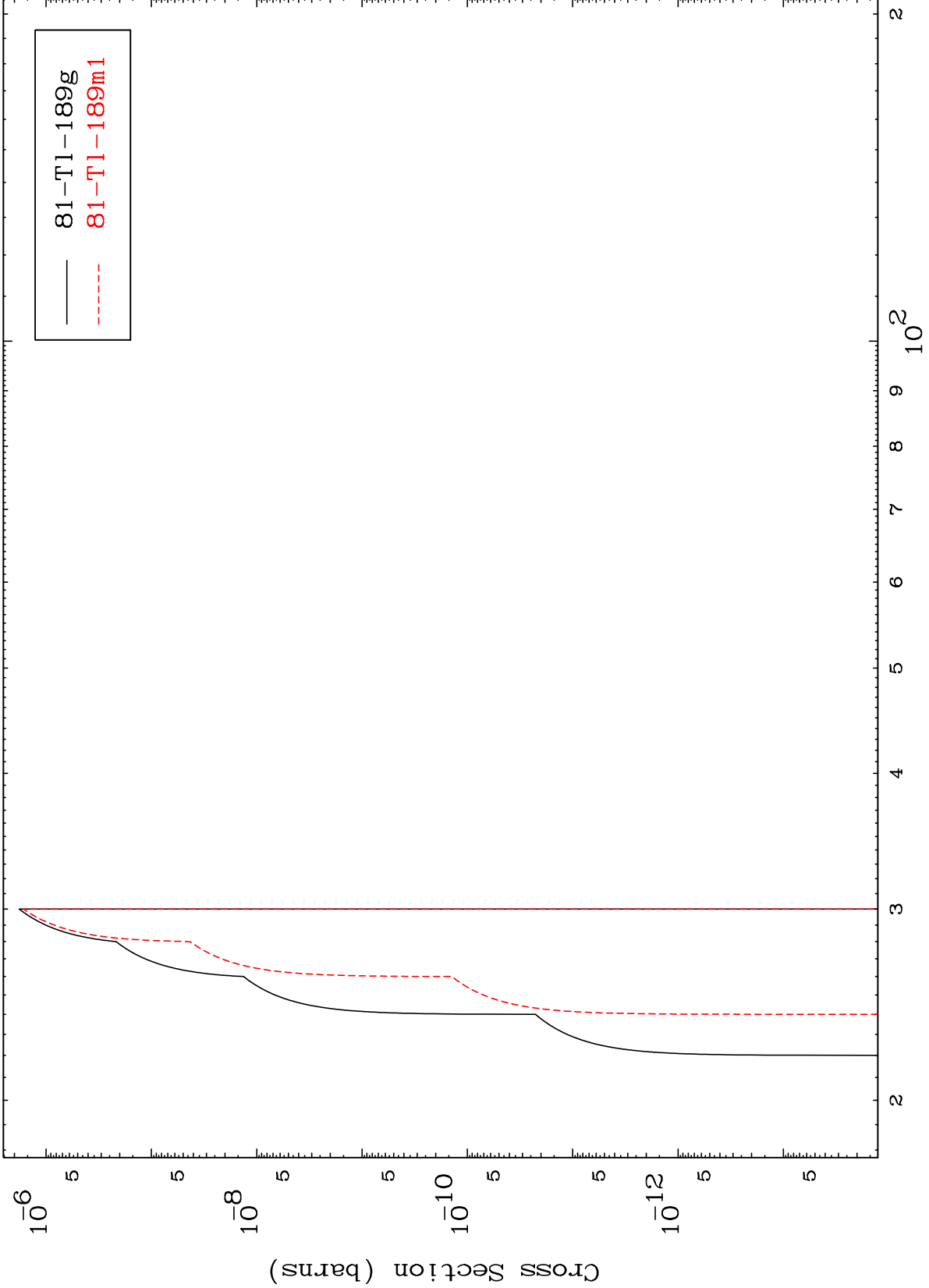


16

Incident Energy (MeV)

81-Tl-188

Radionuclide Production Cross Section

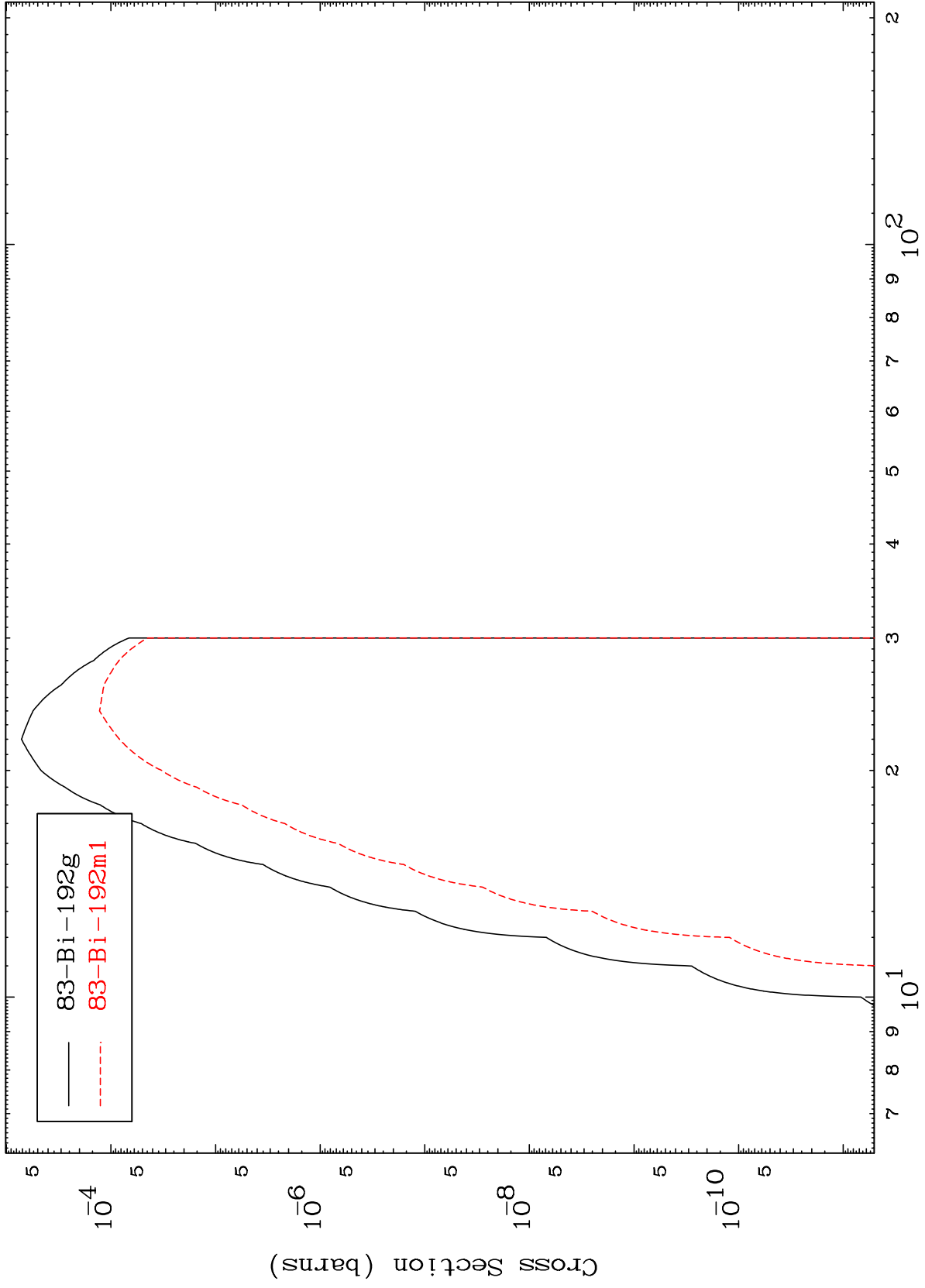


81-Tl-189g
81-Tl-189m1

MAT 8080

81-Tl-188

(n,γ)
Radionuclide Production Cross Section



18

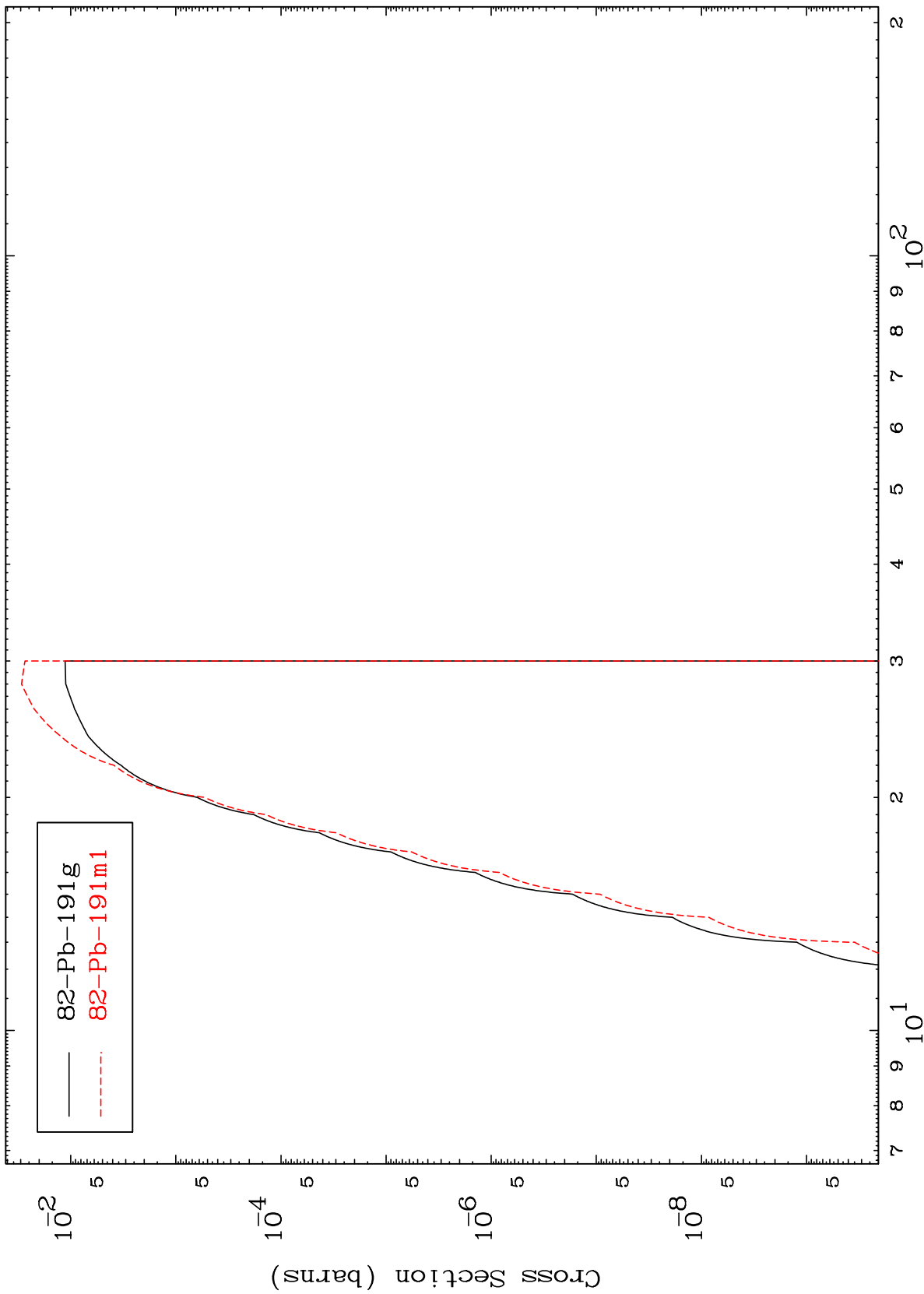
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

(n,p)
Radionuclide Production Cross Section

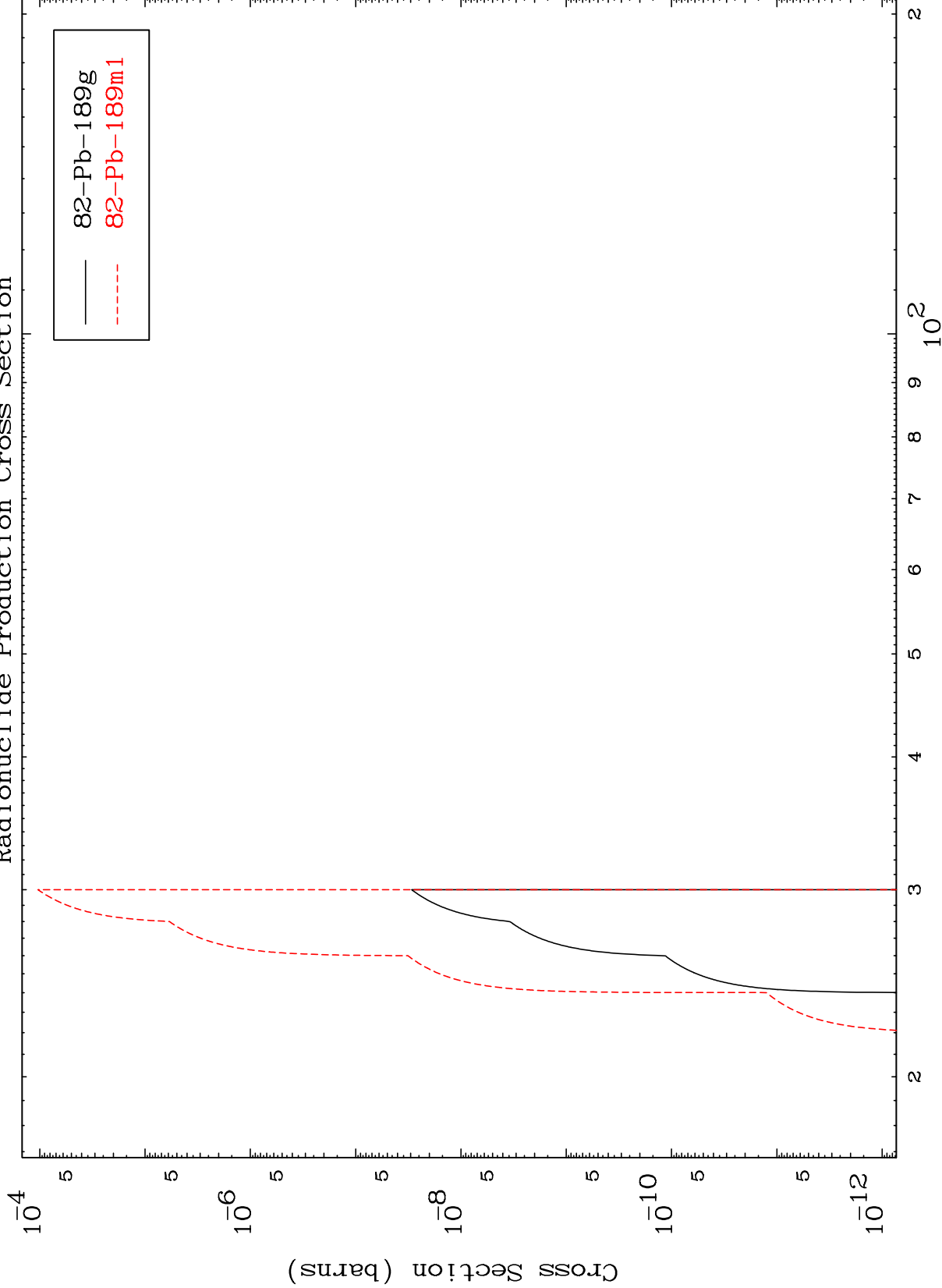


19

Incident Energy (MeV)

81-Tl-188

(n, t)
Radionuclide Production Cross Section

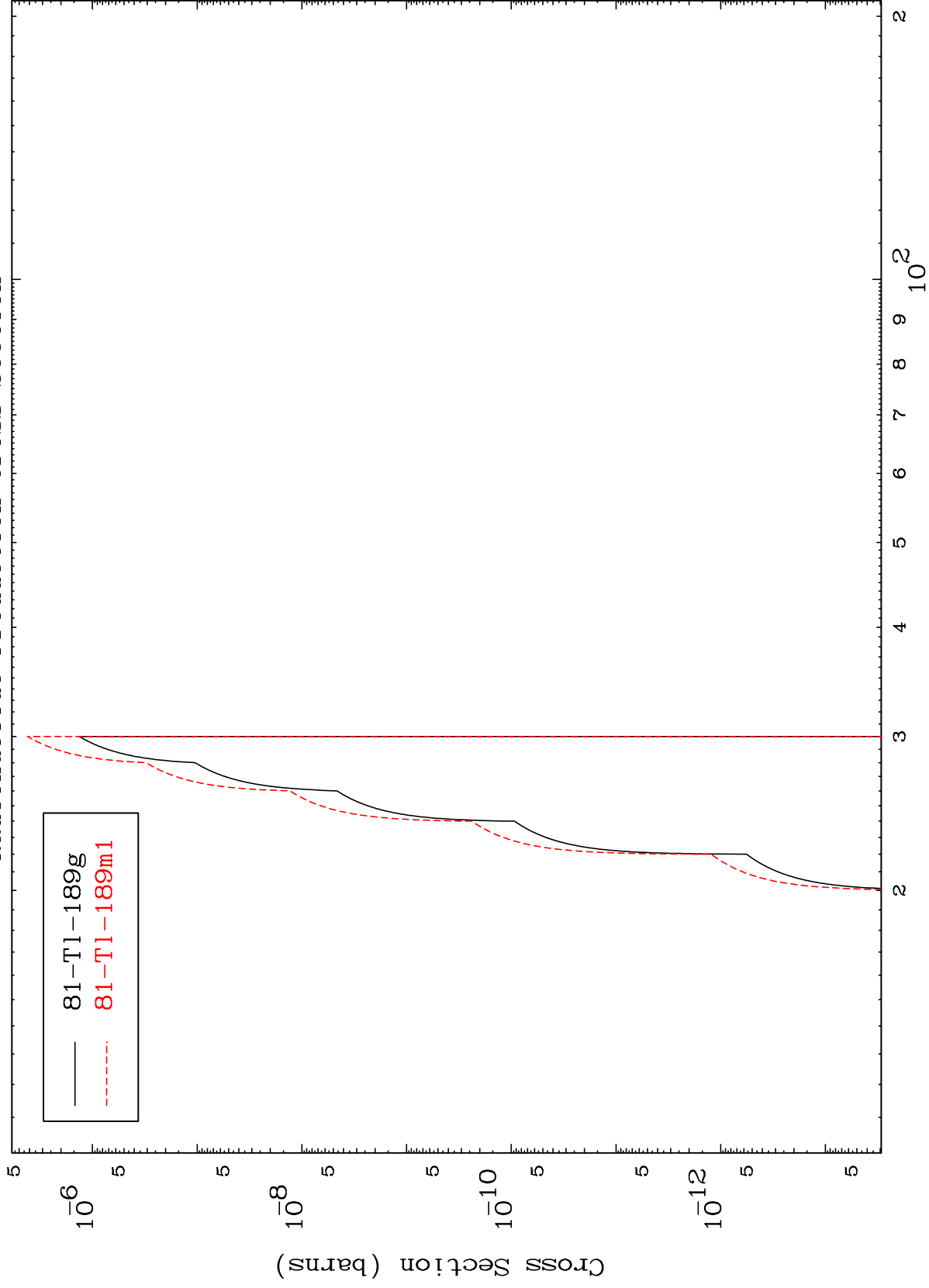


MAT 8080

(n,He-3)

81-Tl-188

Radionuclide Production Cross Section



21

Incident Energy (MeV)

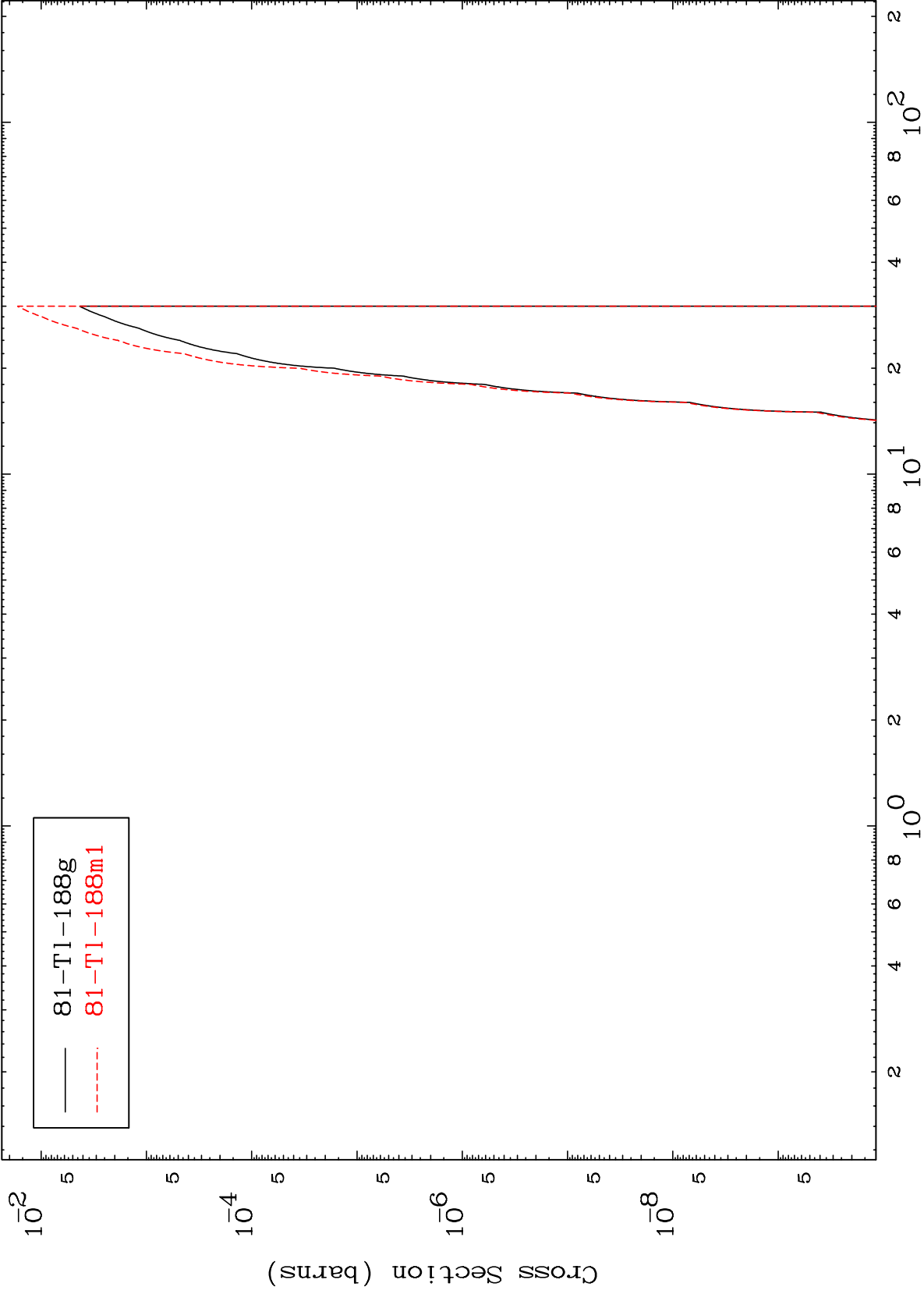
81-Tl-188

MAT 8080

(n, α)

81-Tl-188

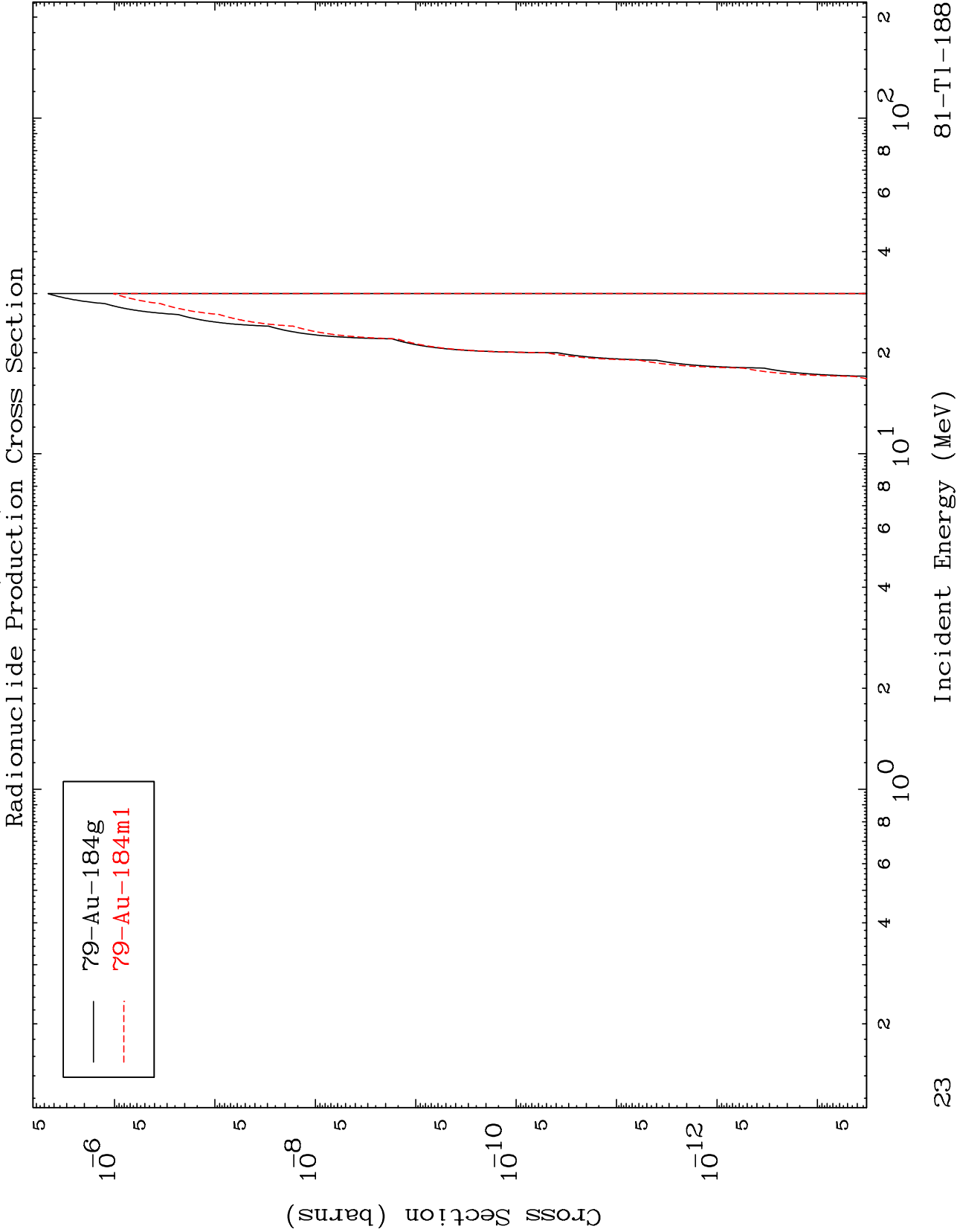
Radionuclide Production Cross Section



MAT 8080

(n,2α)

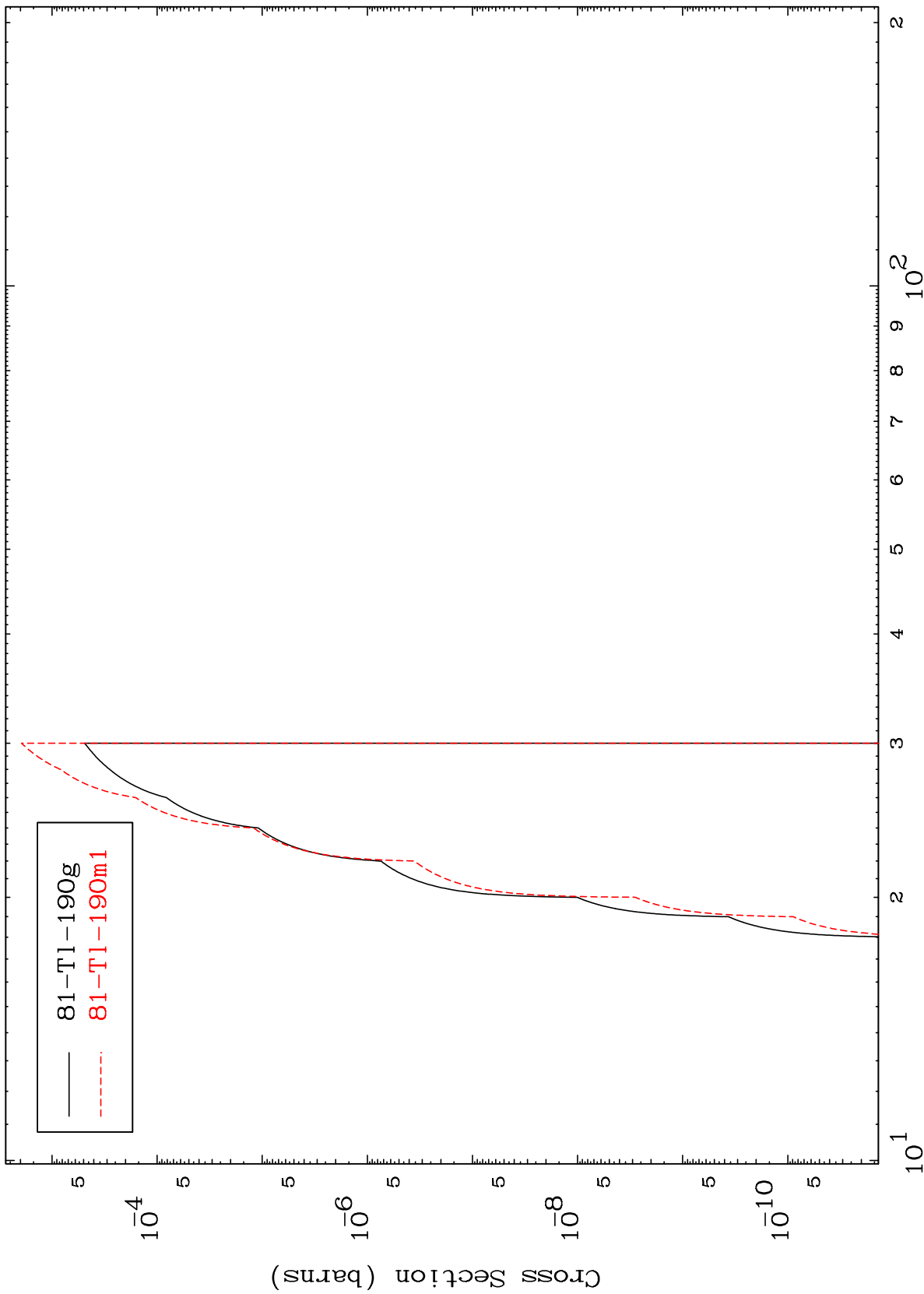
81-Tl-188



MAT 8080

81-Tl-188

Radionuclide Production Cross Section
(n,2p)



81-Tl-188

Incident Energy (MeV)

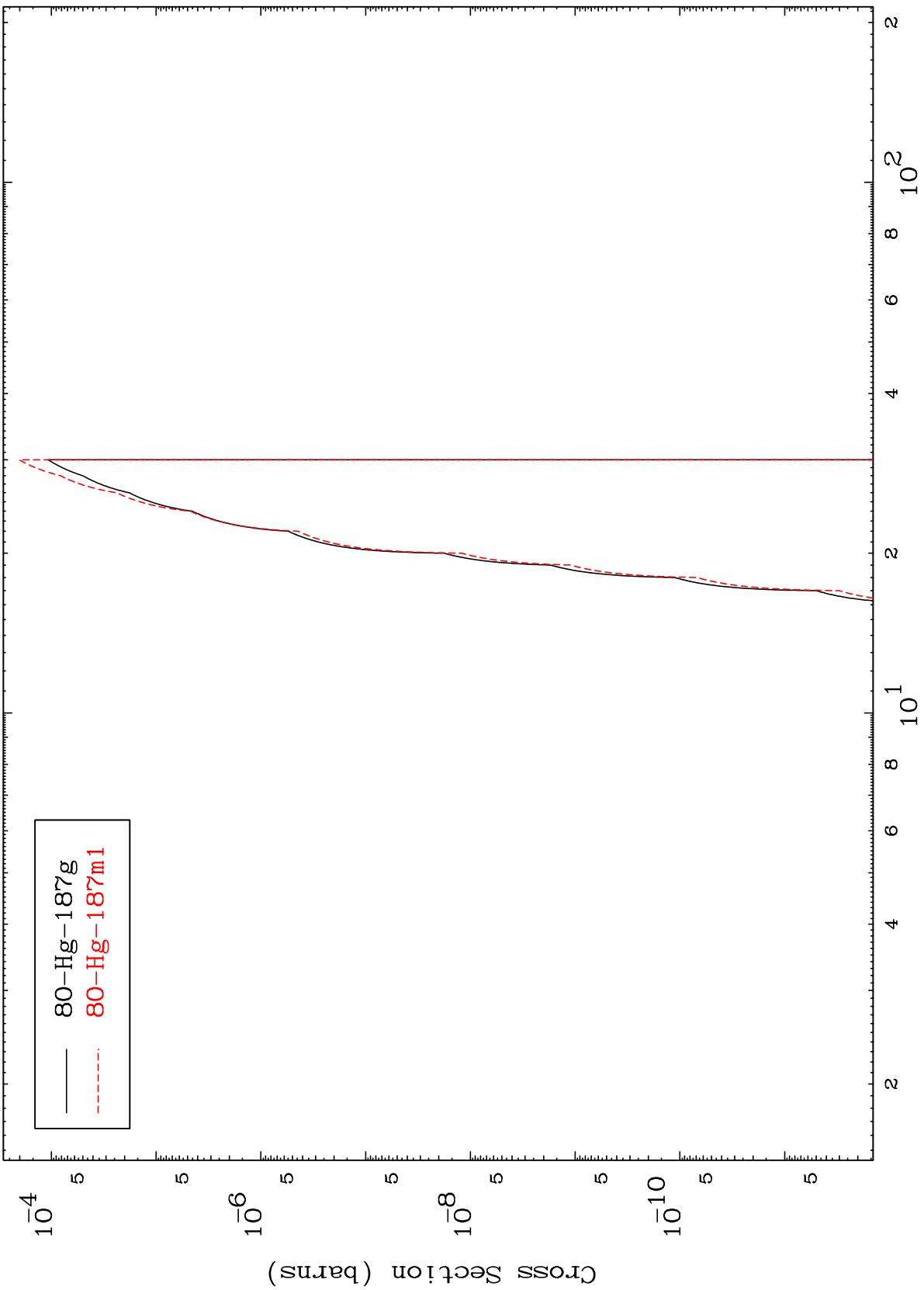
24

MAT 8080

(n,p) α

81-Tl-188

Radionuclide Production Cross Section



25

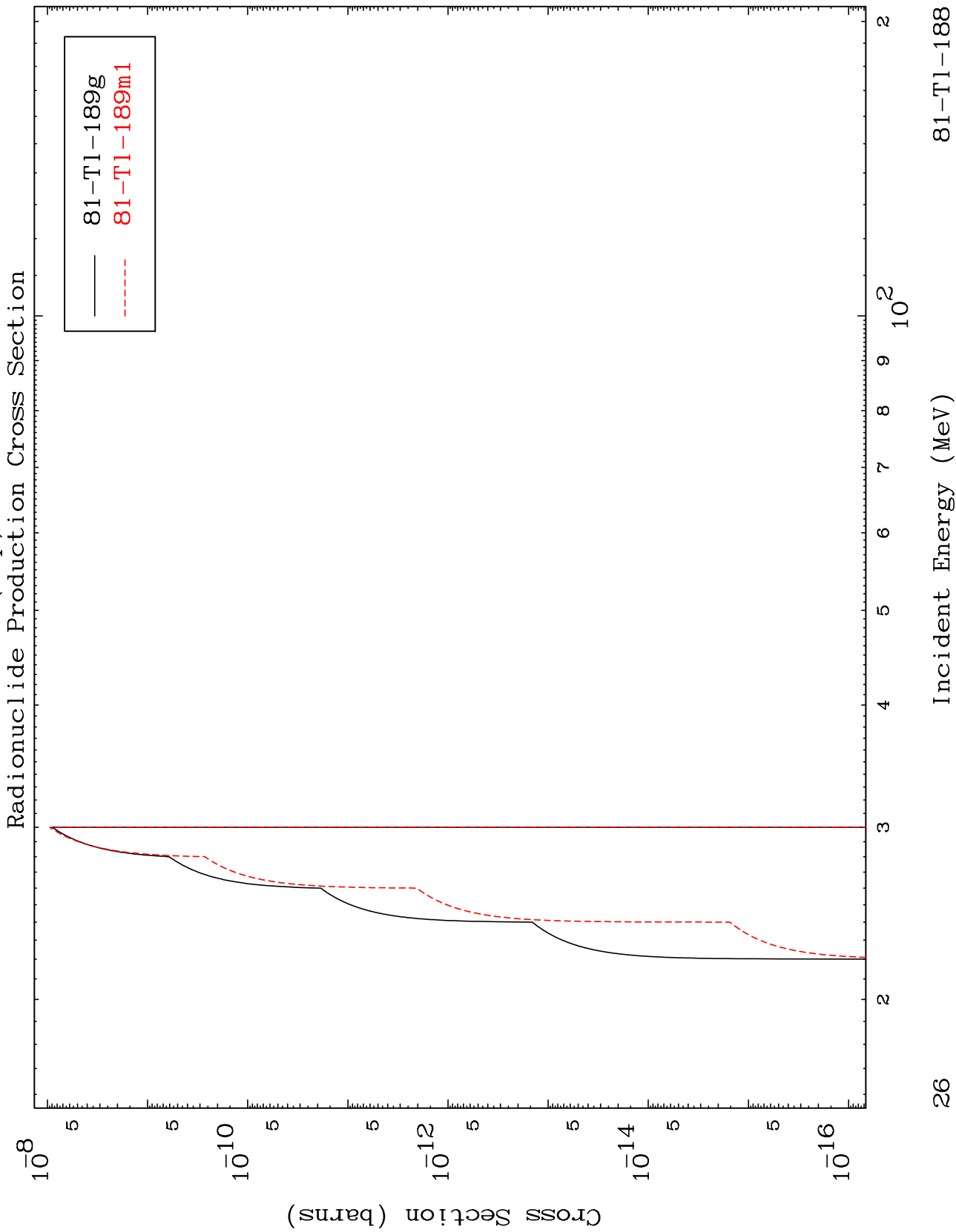
Incident Energy (MeV)

81-Tl-188

MAT 8080

(n,p) d

81-Tl-188



26

81-Tl-188