

Program EVALPLOT
(Version 2018-1)

by

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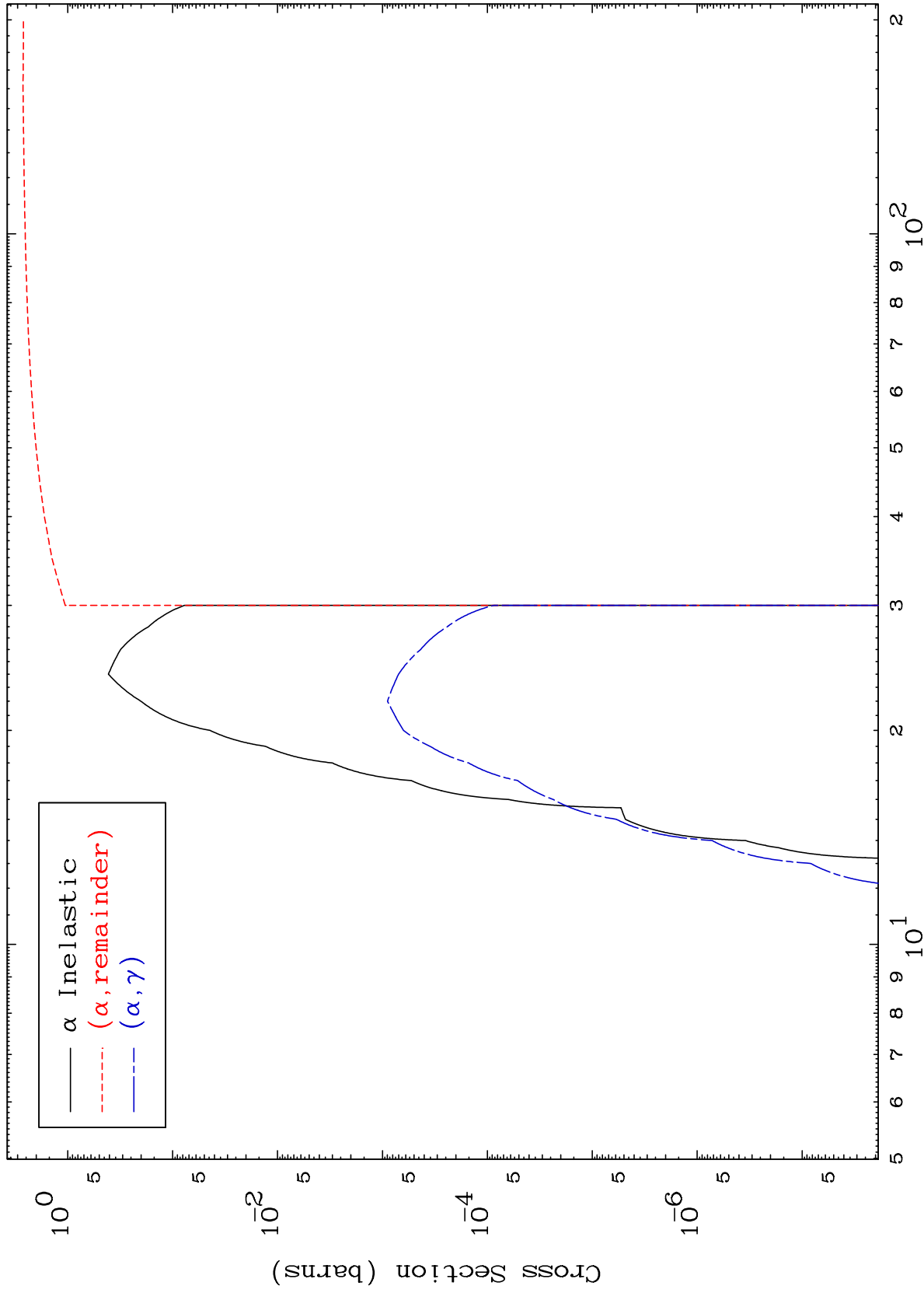
Press Mouse Button to Start

MAT 8098

α Major

81-Tl-194

0 Kelvin Cross Sections



1

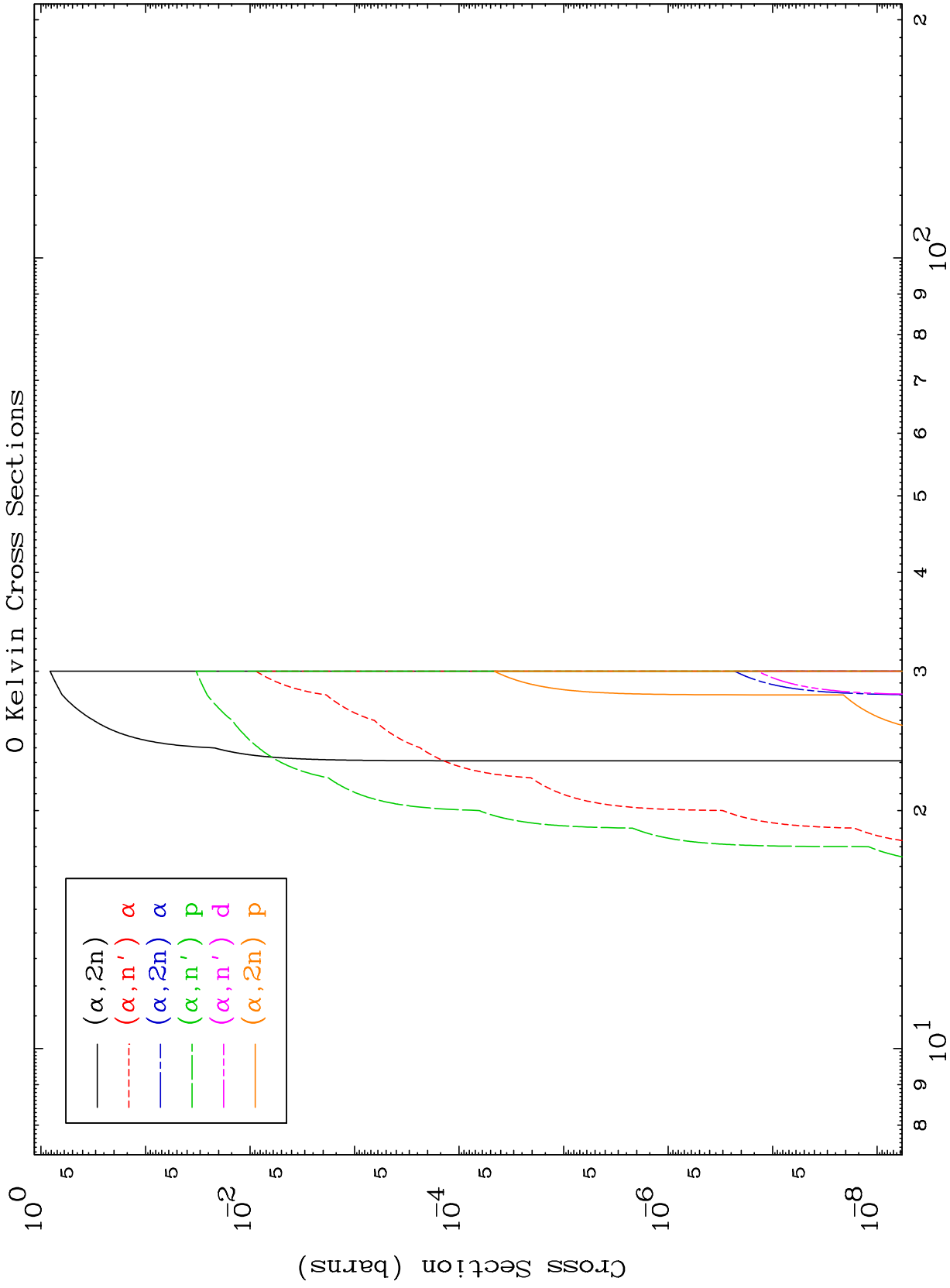
Incident Energy (MeV)

81-Tl-194

MAT 8098

α Neutron Production
0 Kelvin Cross Sections

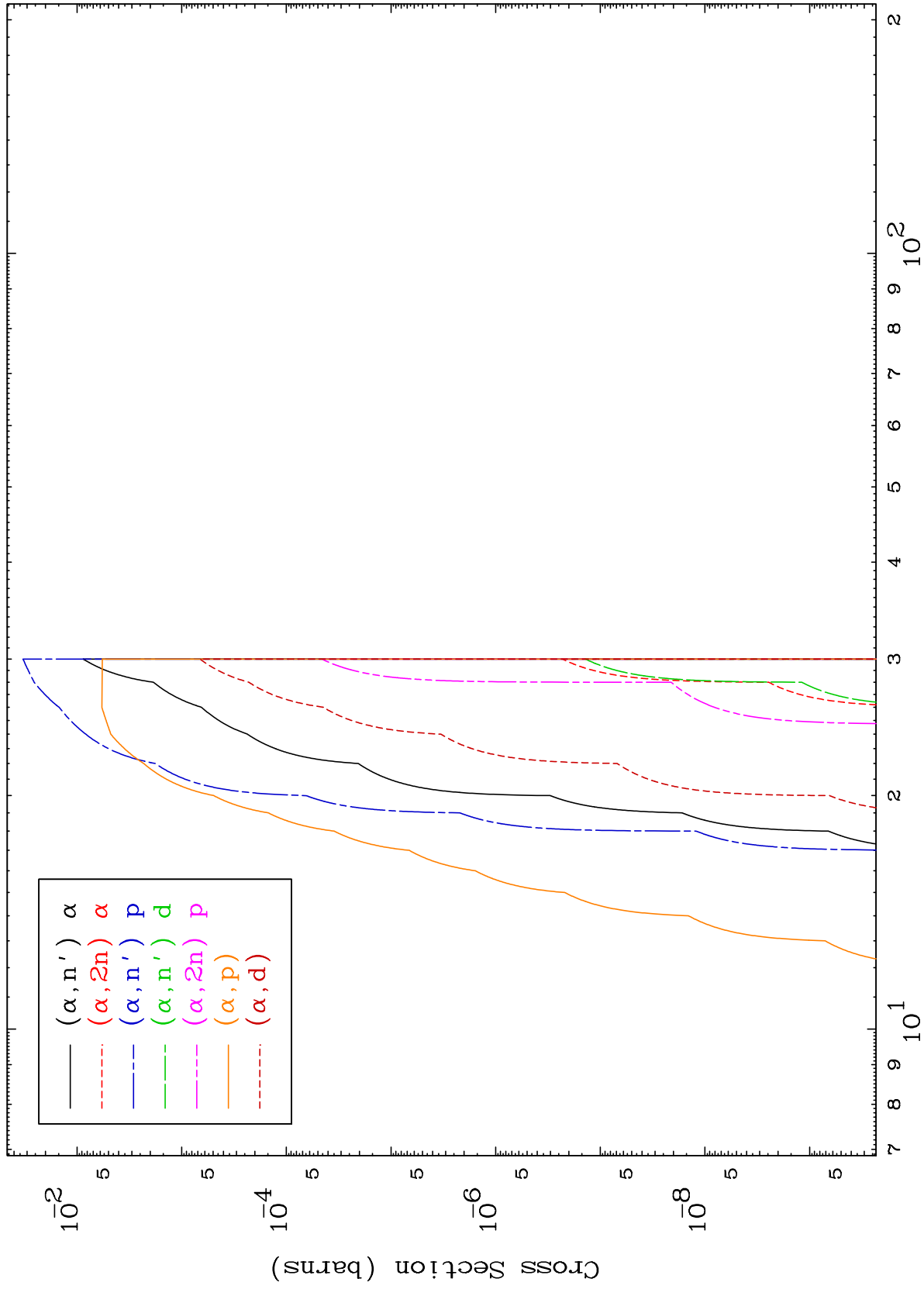
81-Tl-194



2

Incident Energy (MeV)

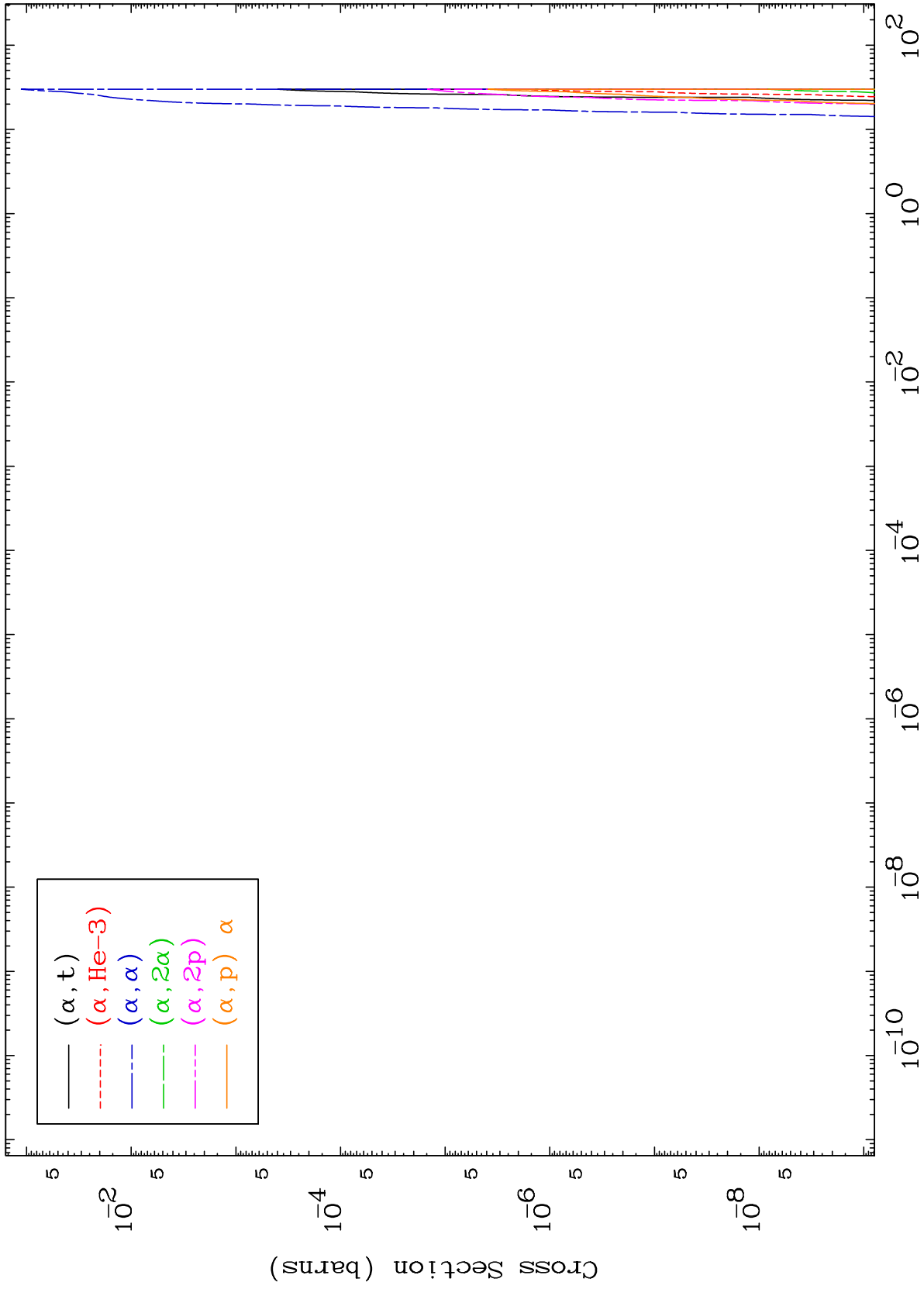
81-Tl-194



MAT 8098

α Charged Particle
0 Kelvin Cross Sections

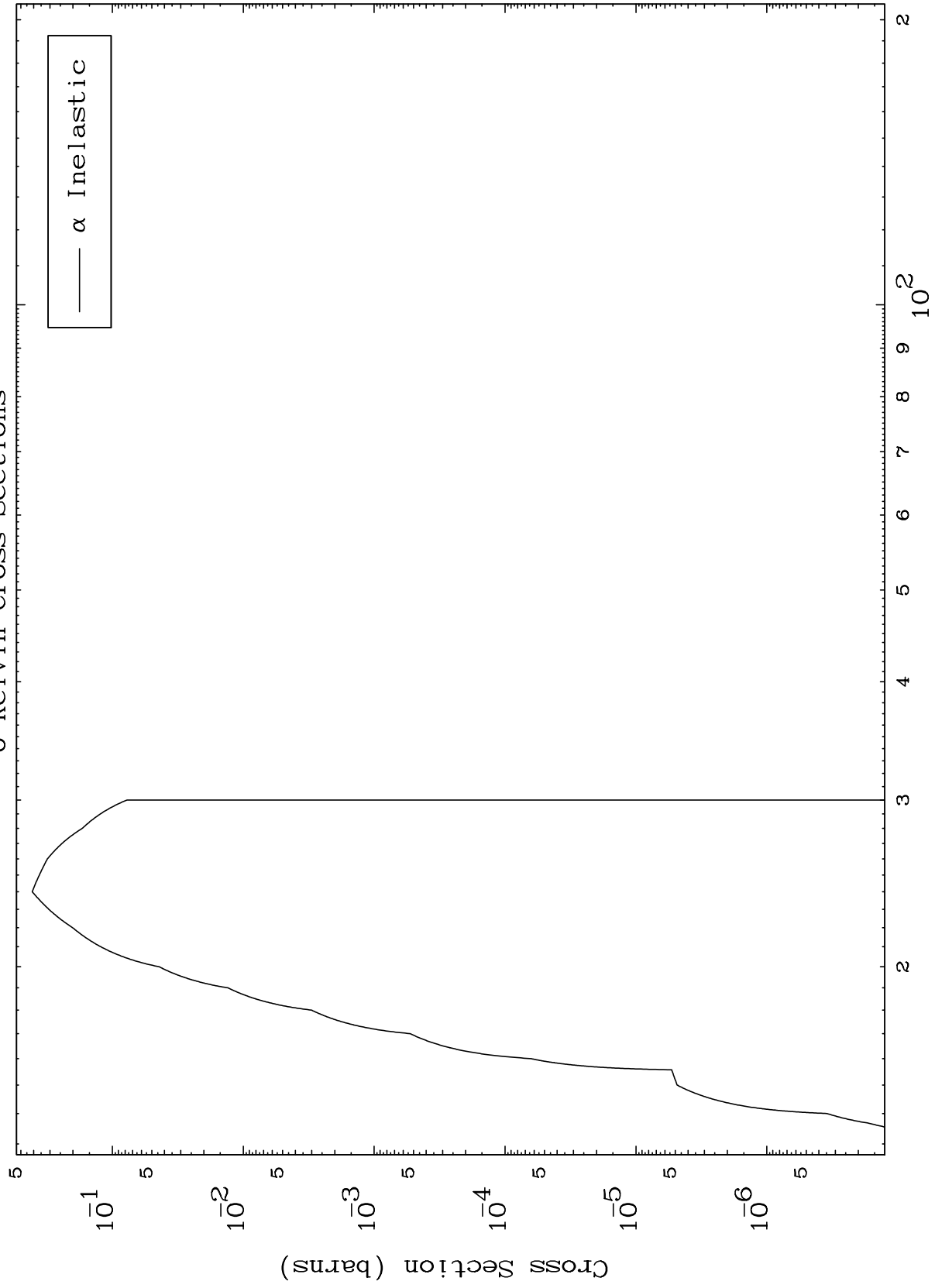
81-Tl-194



MAT 8098

(α, n') Level
0 Kelvin Cross Sections

81-T1-194



5

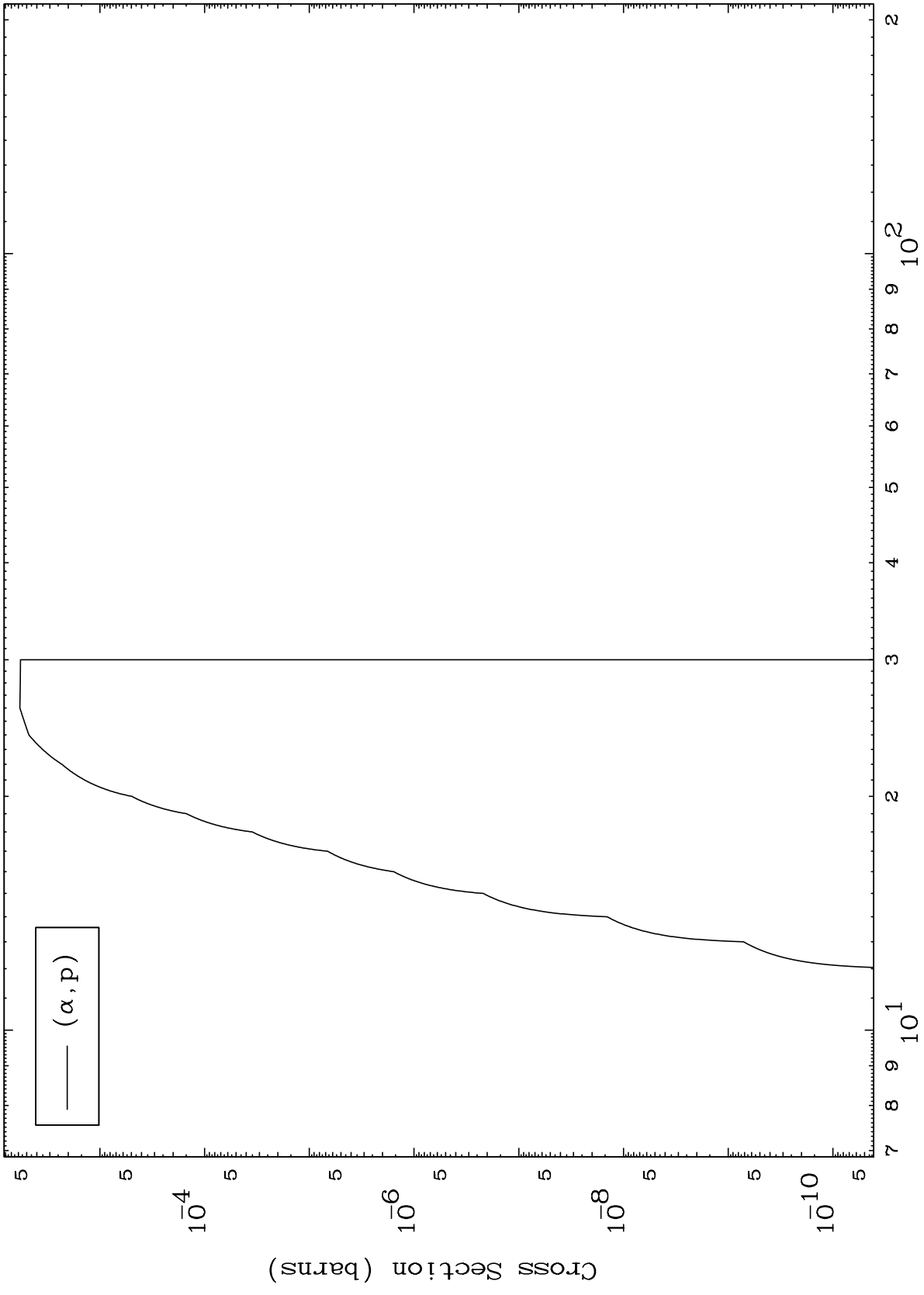
Incident Energy (MeV)

81-T1-194

MAT 8098

(α, p) Levels
0 Kelvin Cross Sections

81-T1-194



6

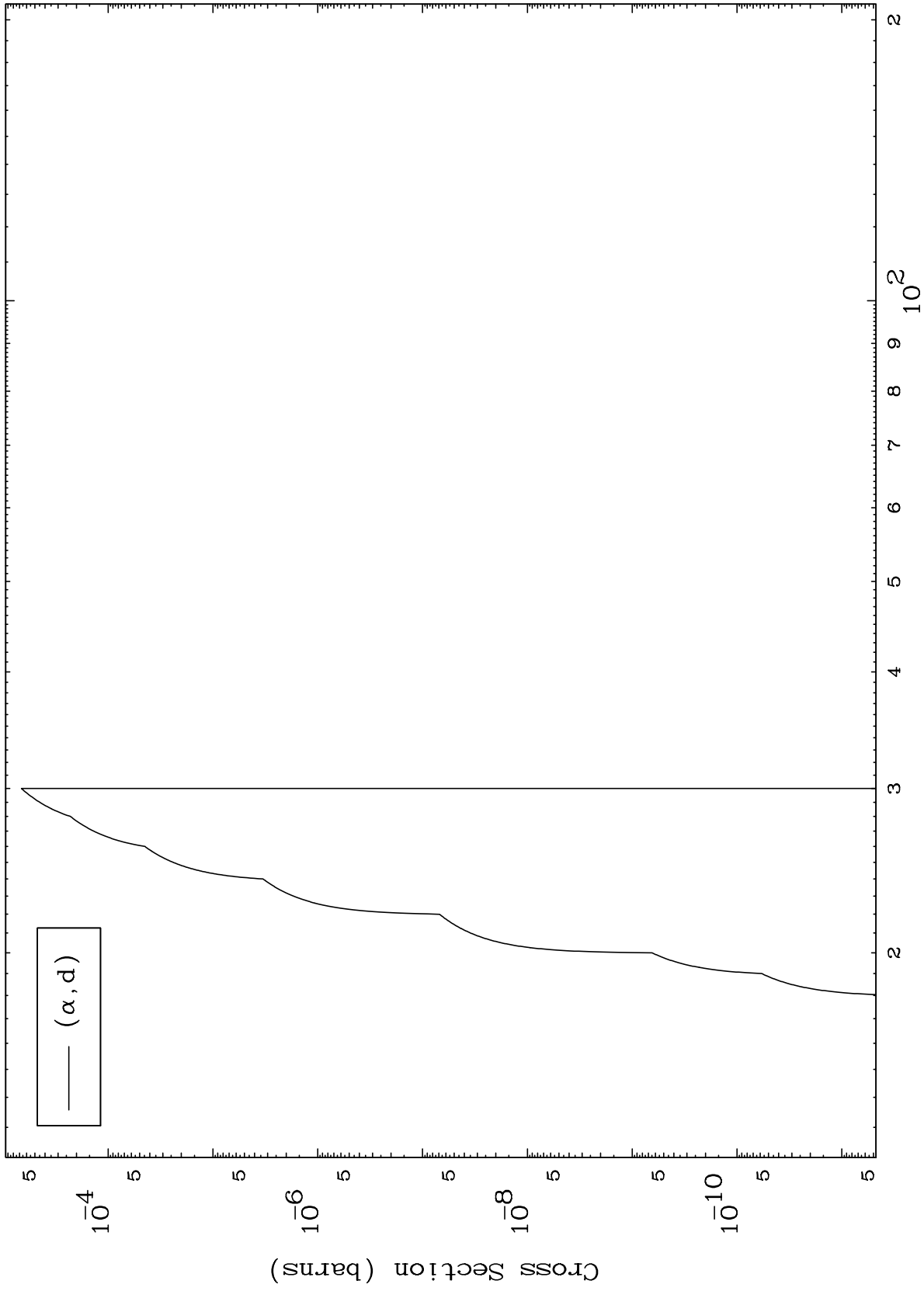
Incident Energy (MeV)

81-T1-194

MAT 8098

(α, d) Levels
0 Kelvin Cross Sections

81-Tl-194



7

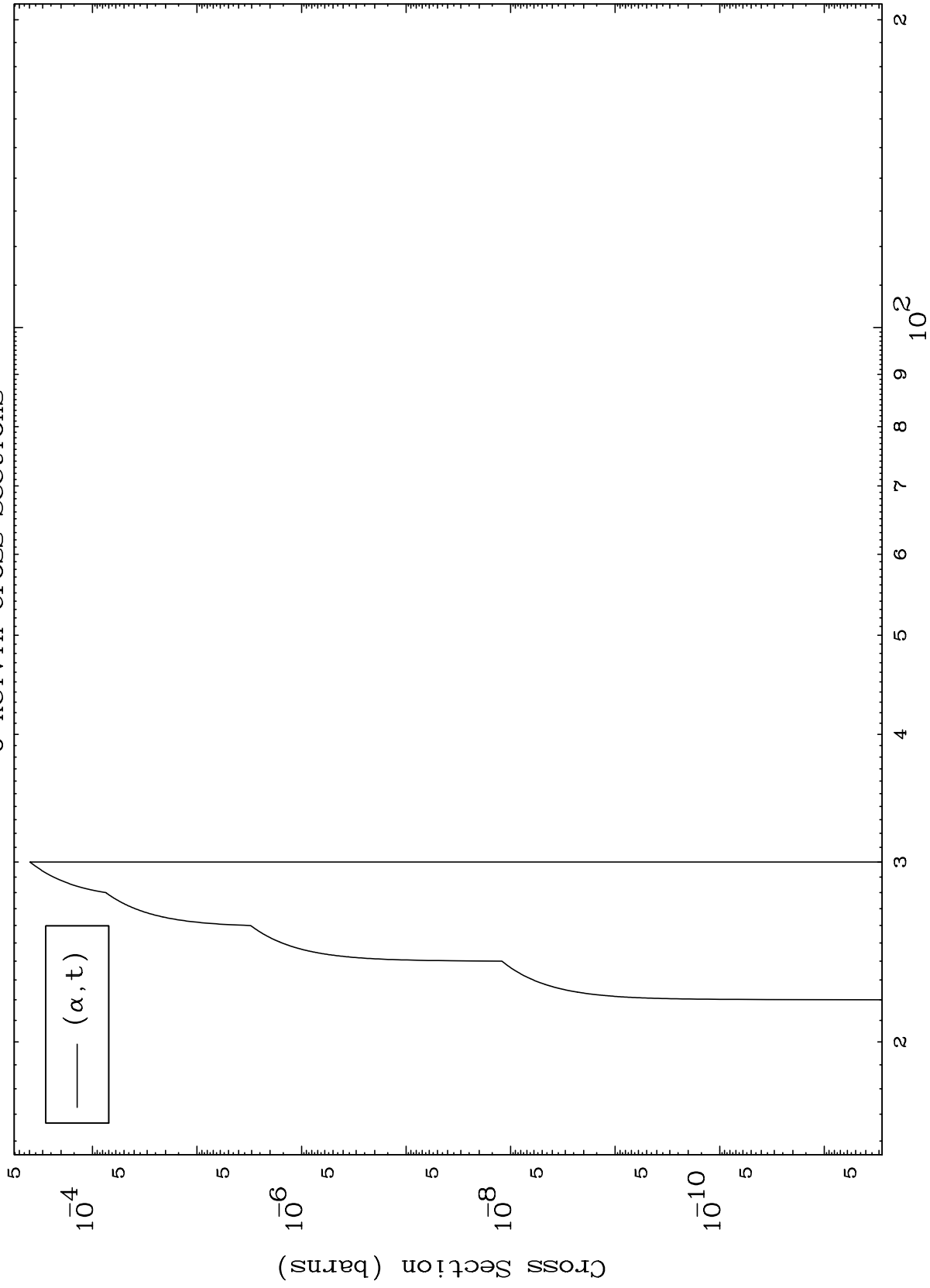
Incident Energy (MeV)

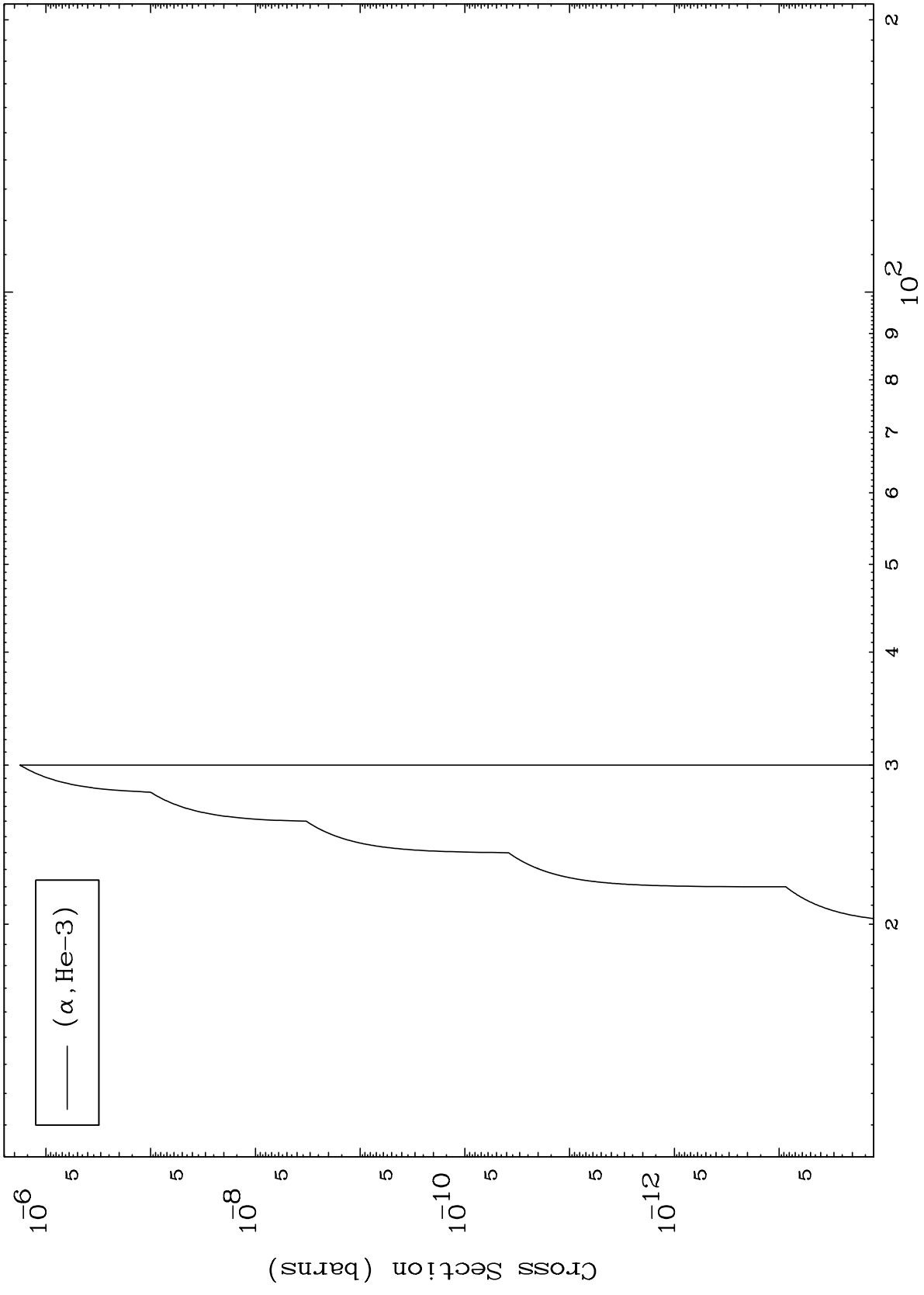
81-Tl-194

MAT 8098

(α, t) Levels
0 Kelvin Cross Sections

81-Tl-194

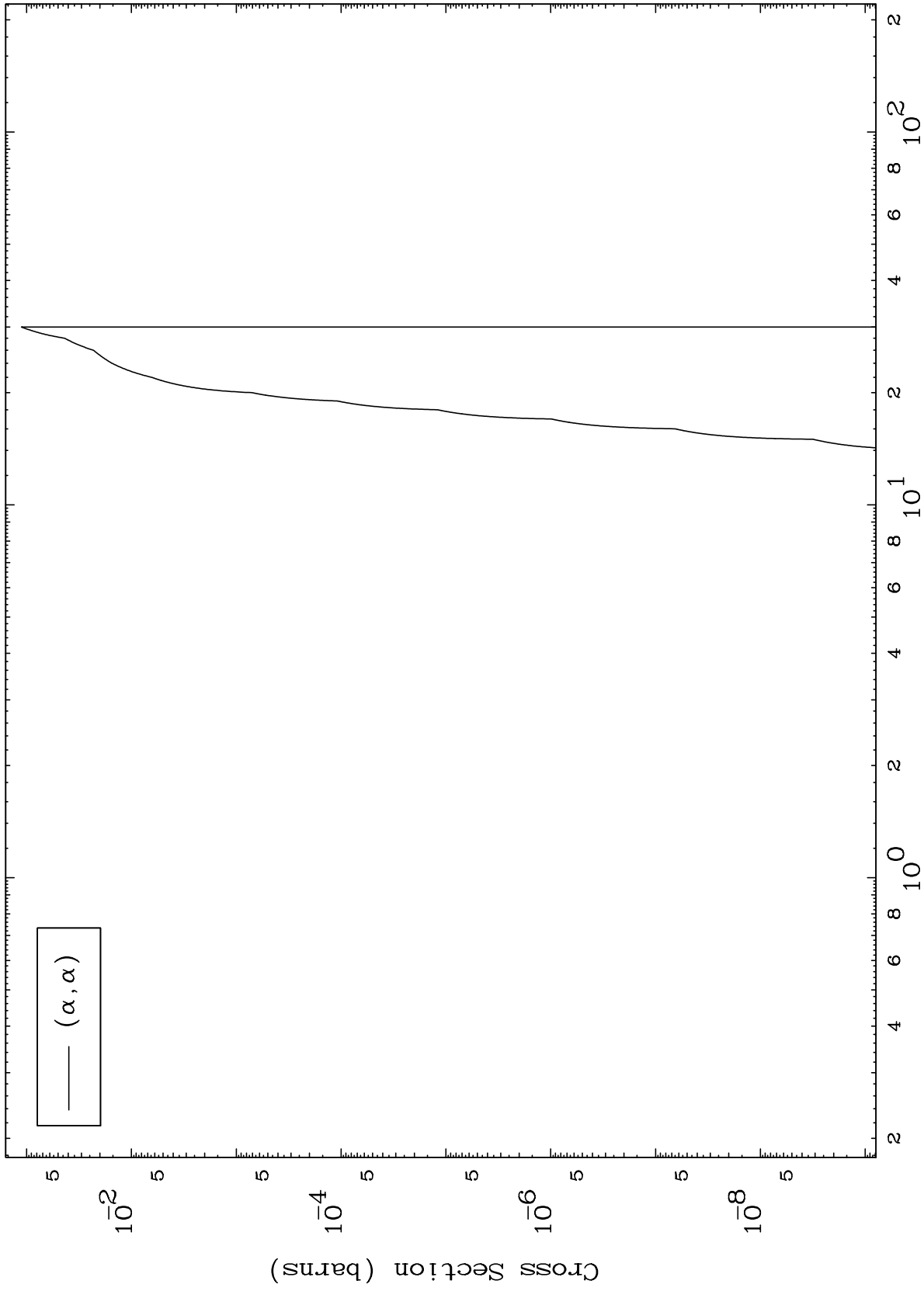




MAT 8098

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-194

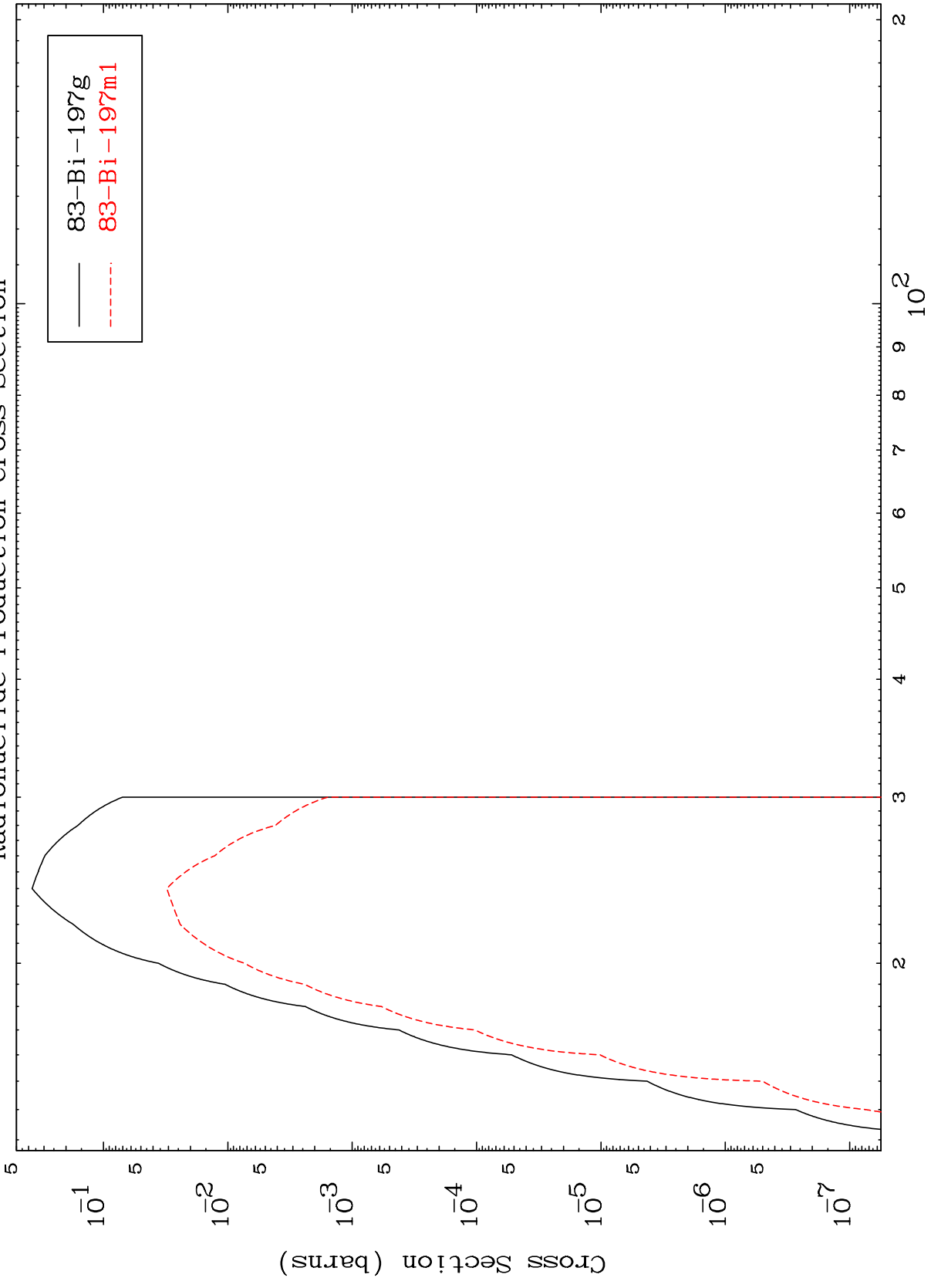


10

Incident Energy (MeV)

81-Tl-194

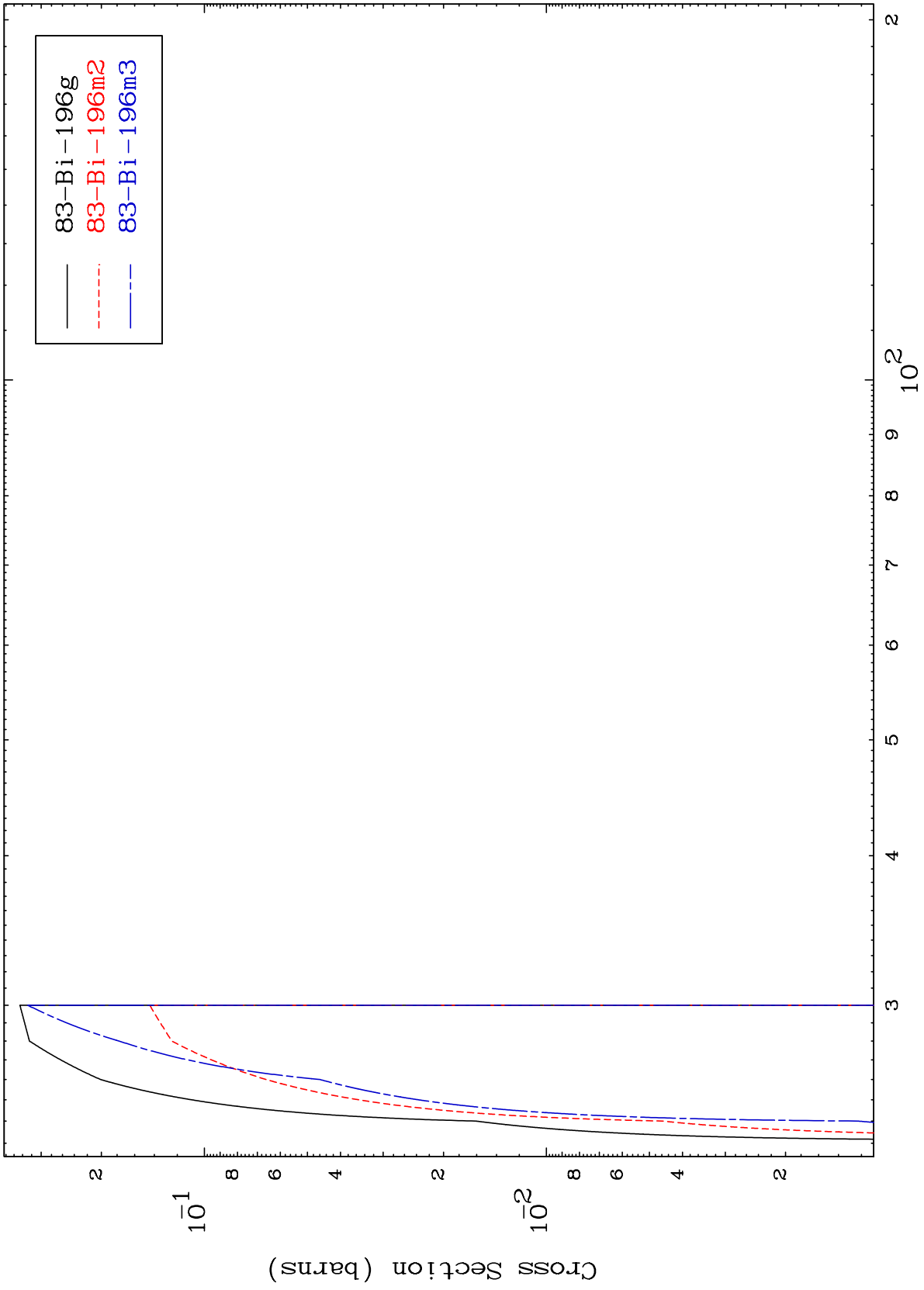
Radionuclide Production Cross Section



MAT 8098

81-Tl-194

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



12

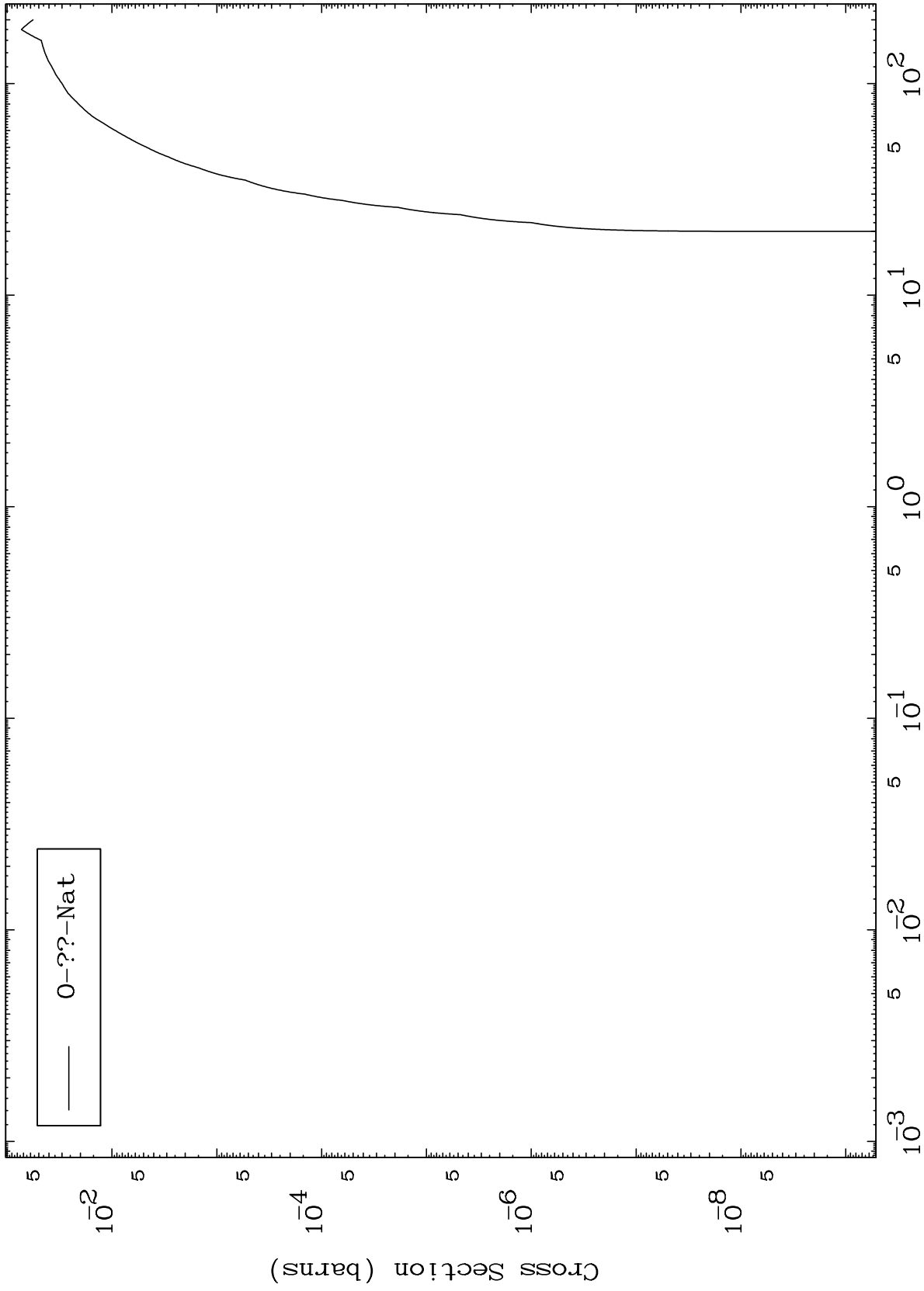
Incident Energy (MeV)

81-Tl-194

MAT 8098

α Fission
Radionuclide Production Cross Section

81-Tl-194



13

Incident Energy (MeV)

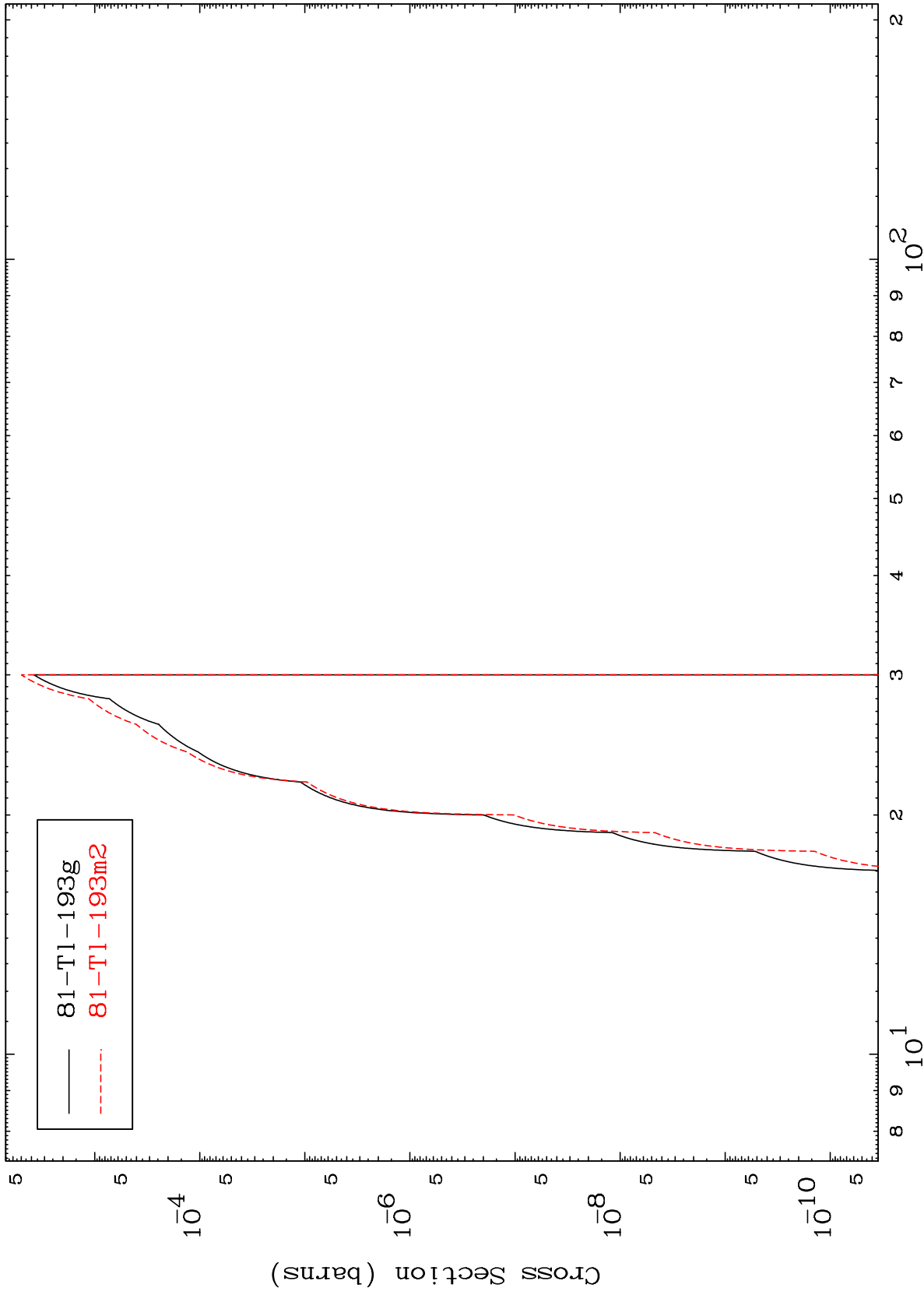
81-Tl-194

MAT 8098

(α, n') α

81-Tl-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

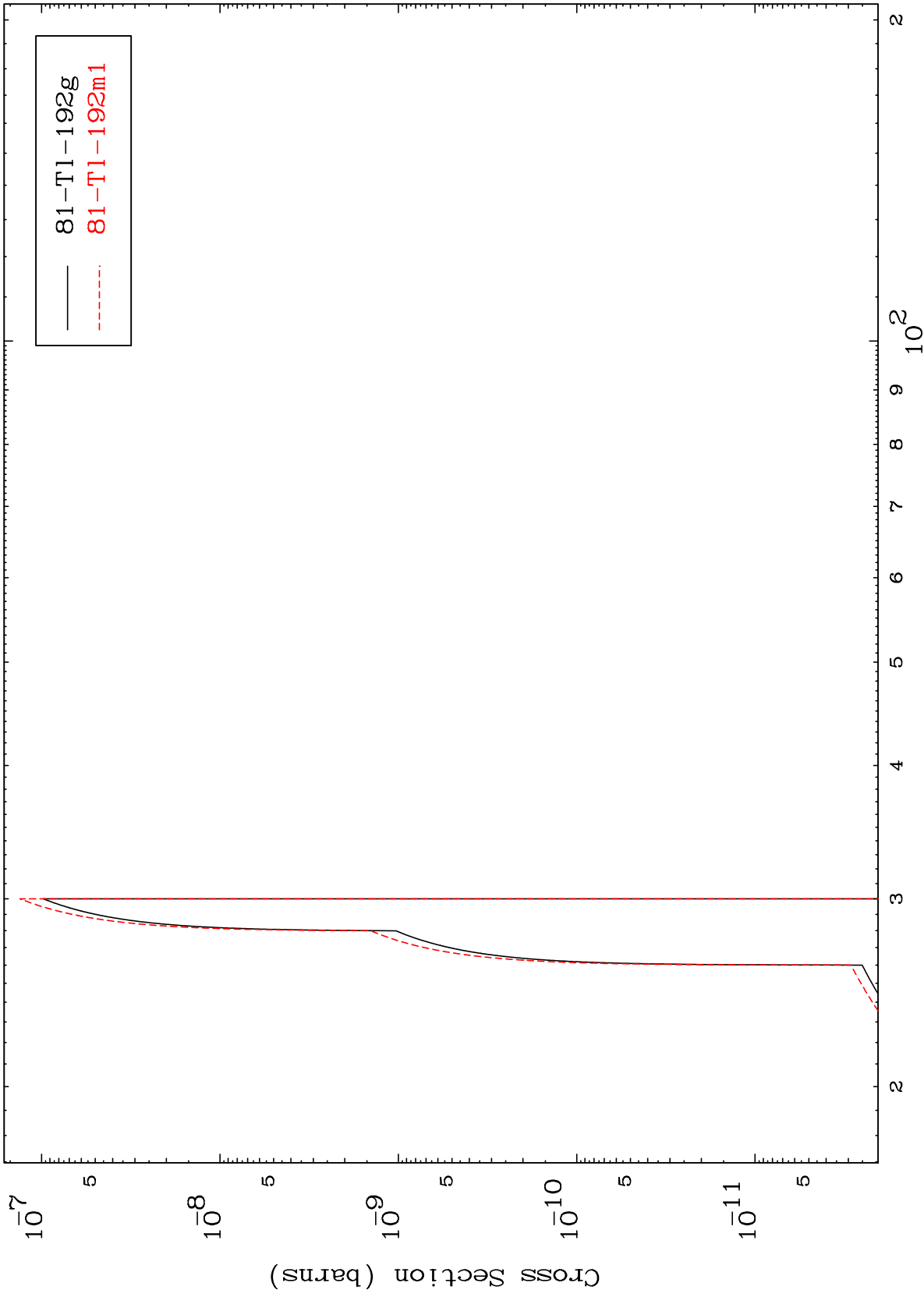
81-Tl-194

MAT 8098

$(\alpha, 2n) \alpha$

81-Tl-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

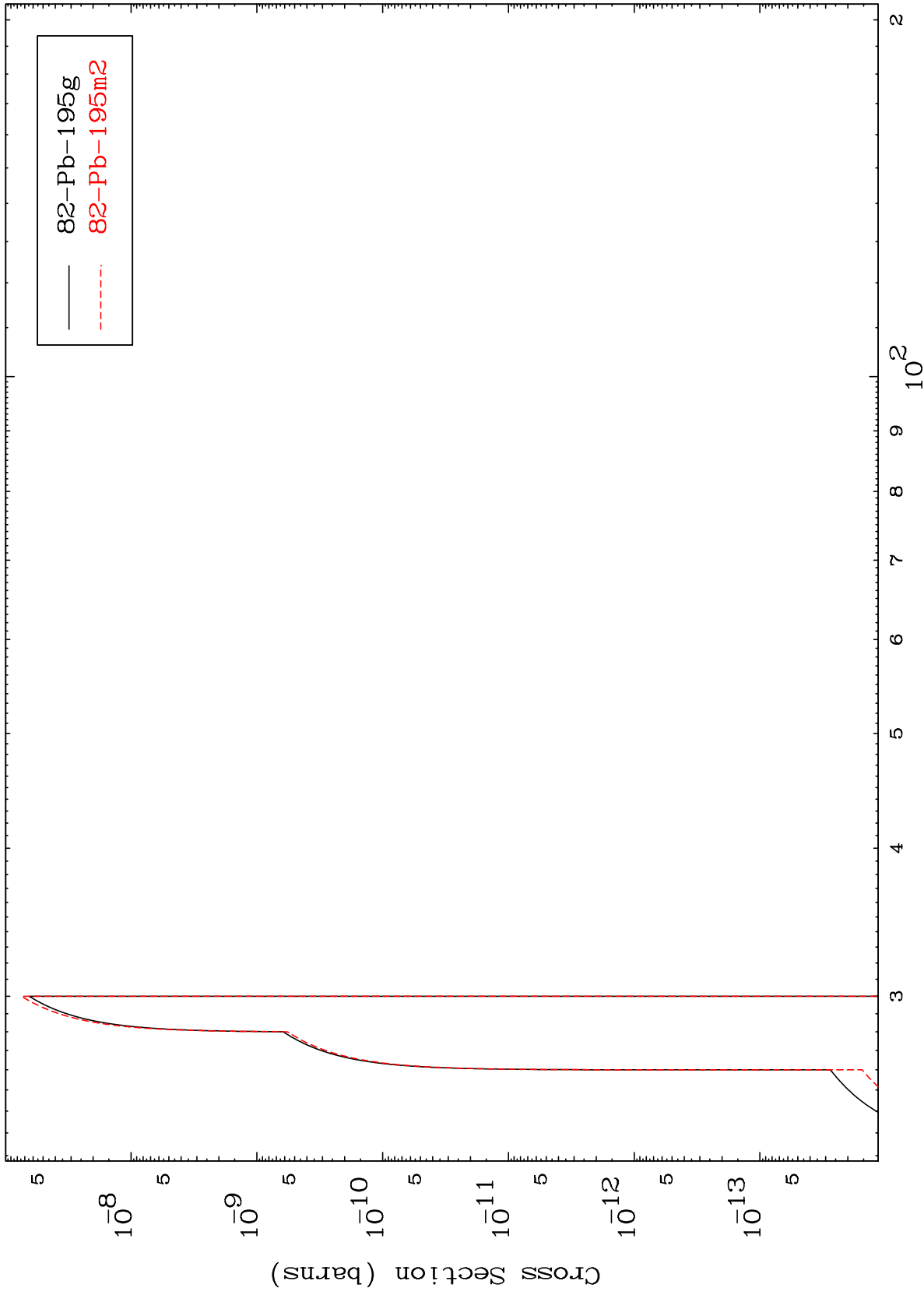
81-Tl-194

MAT 8098

(α, n') d

81-Tl-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

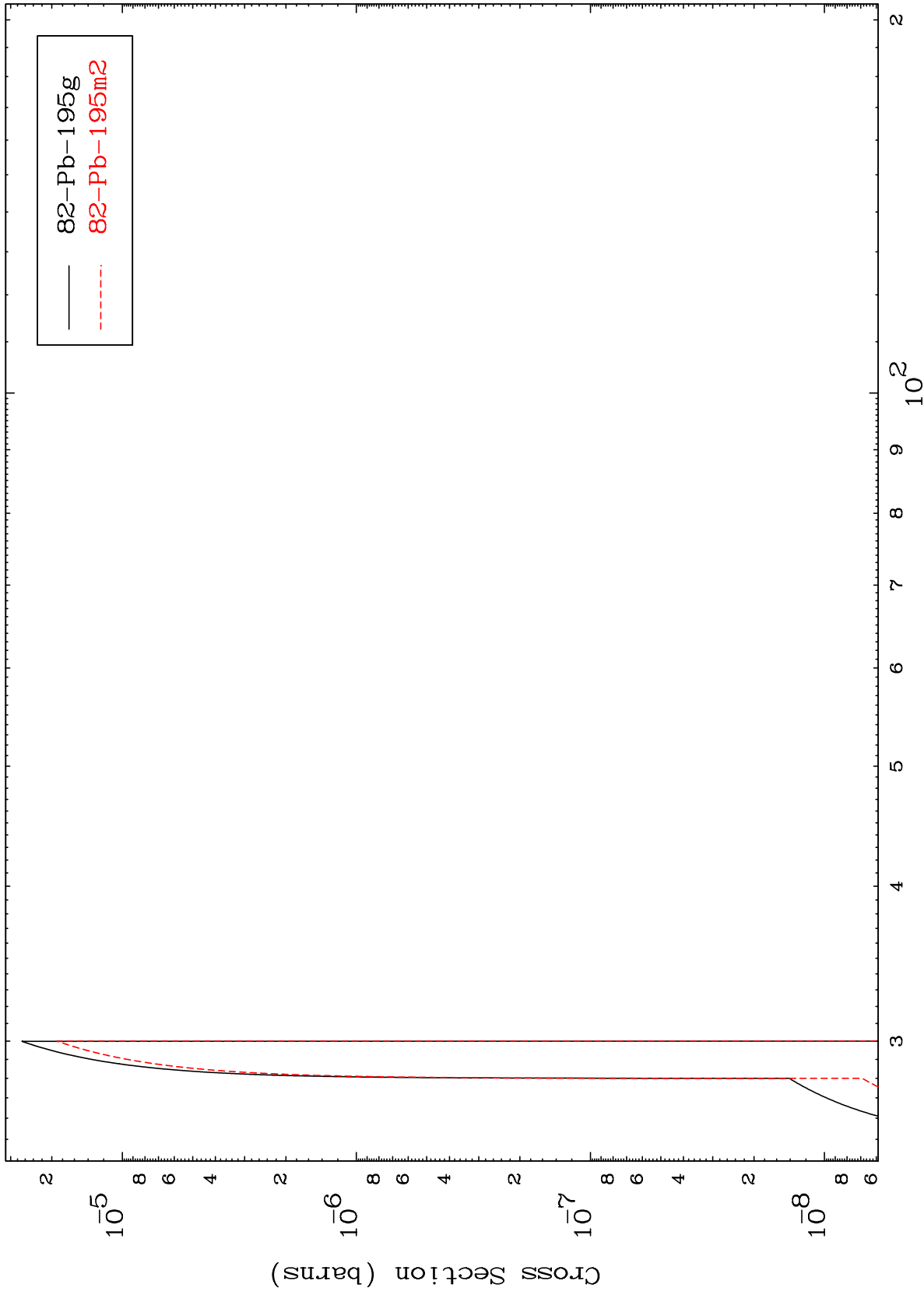
81-Tl-194

MAT 8098

($\alpha, 2n$) p

81-T1-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

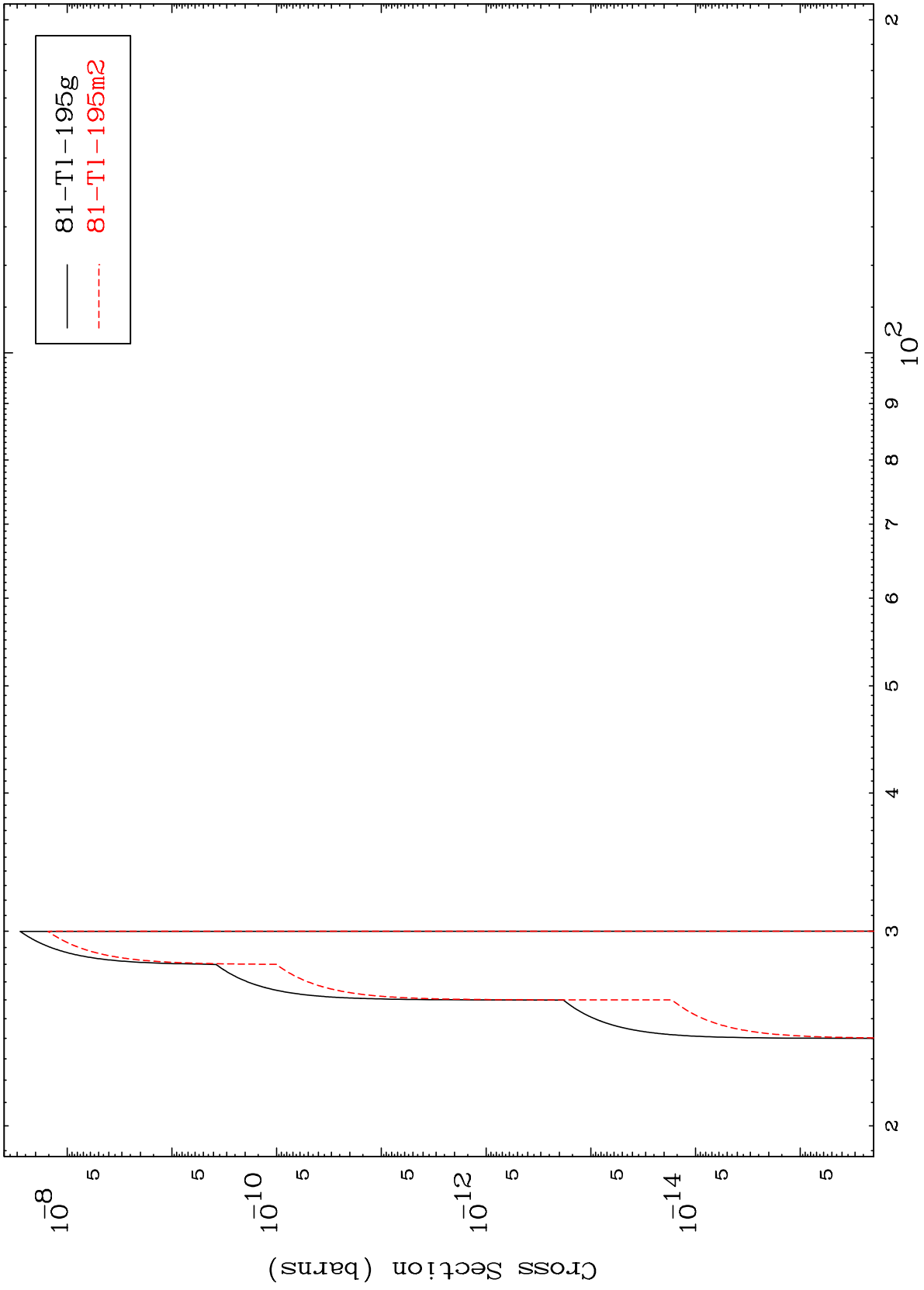
81-T1-194

MAT 8098

($\alpha, 2n$) p

81-Tl-194

Radionuclide Production Cross Section



18

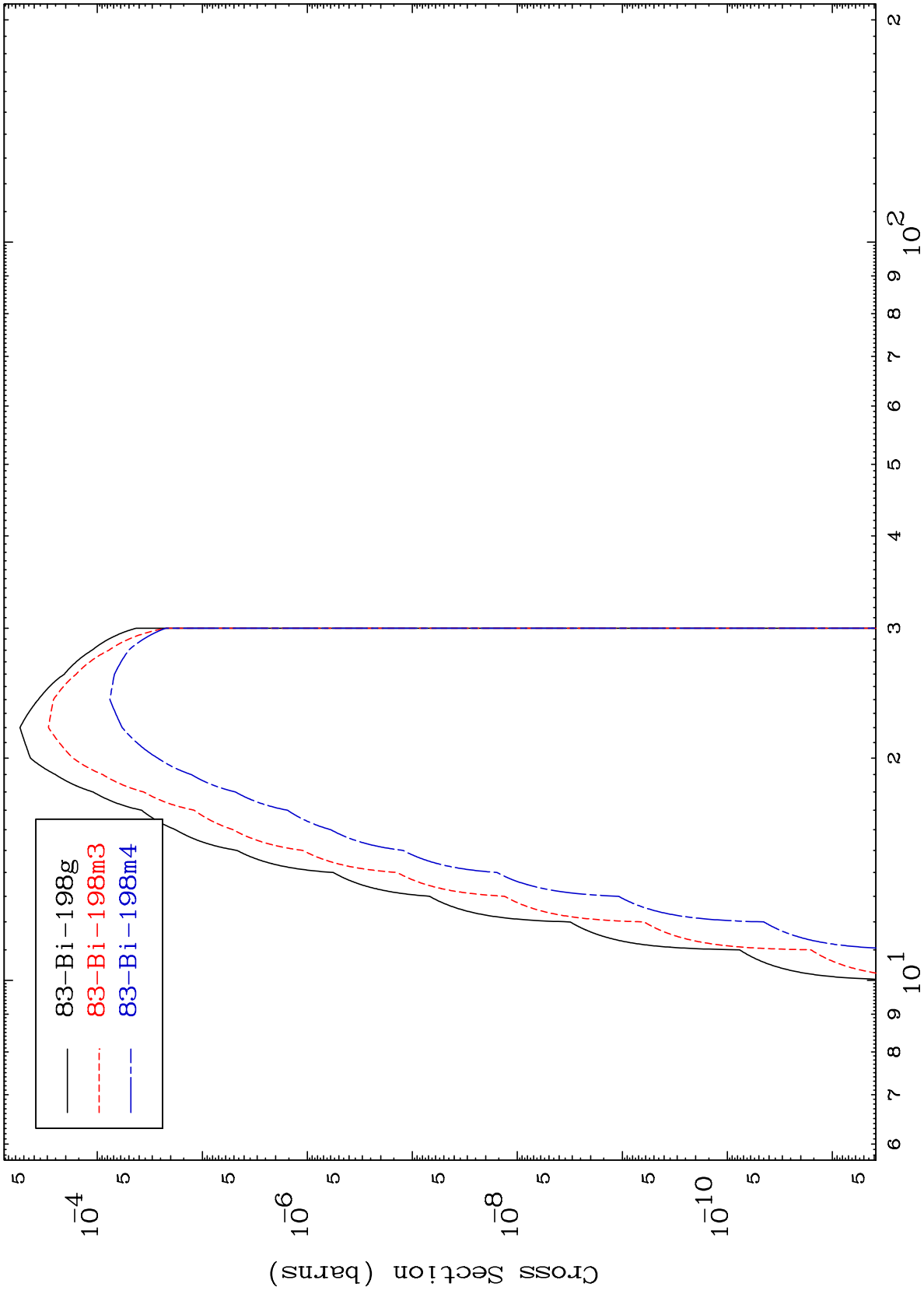
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

Radionuclide Production Cross Section (α, γ)



83-Bi-198g
83-Bi-198m3
83-Bi-198m4

19

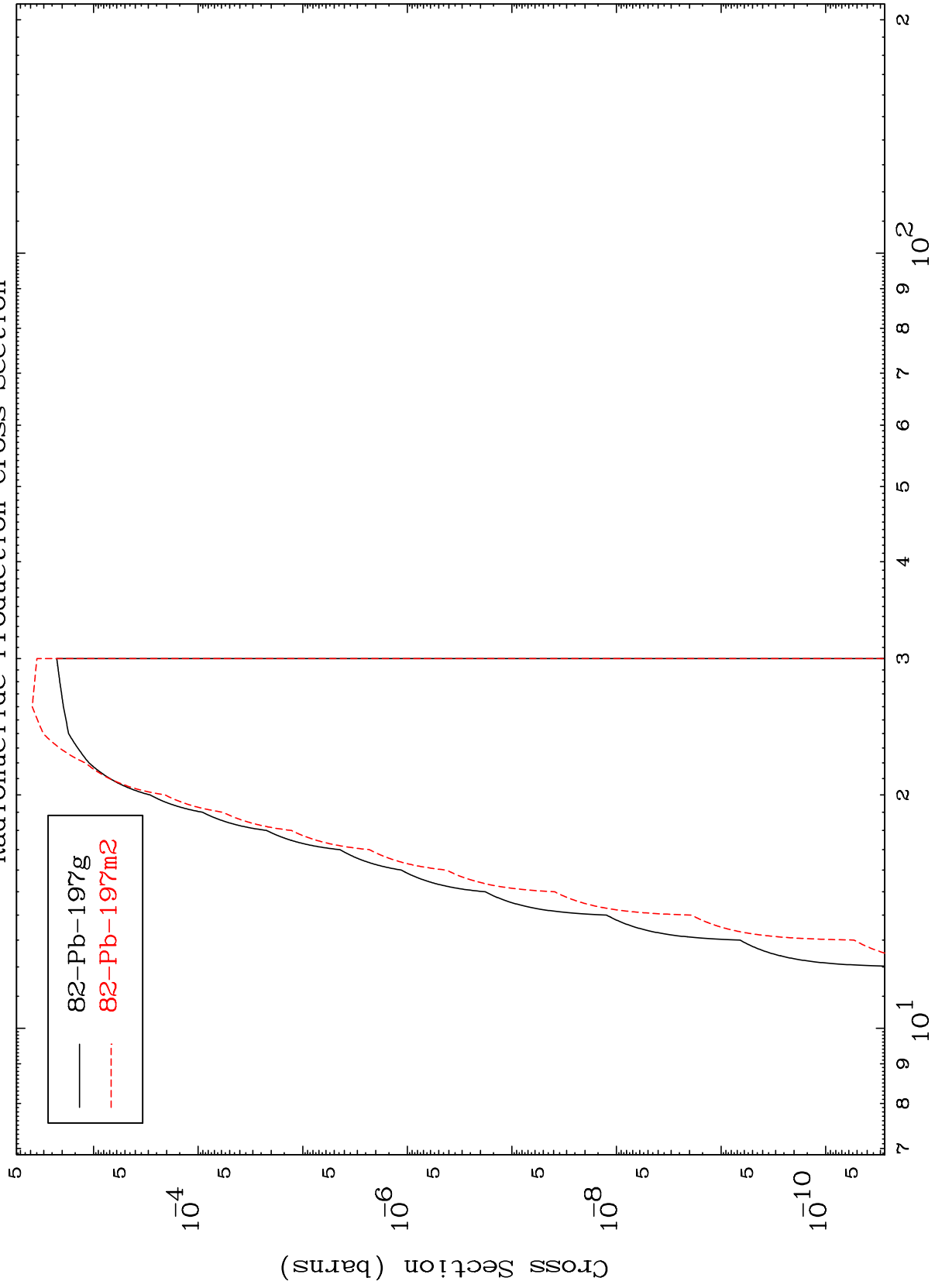
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-T1-194

Radionuclide Production Cross Section



20

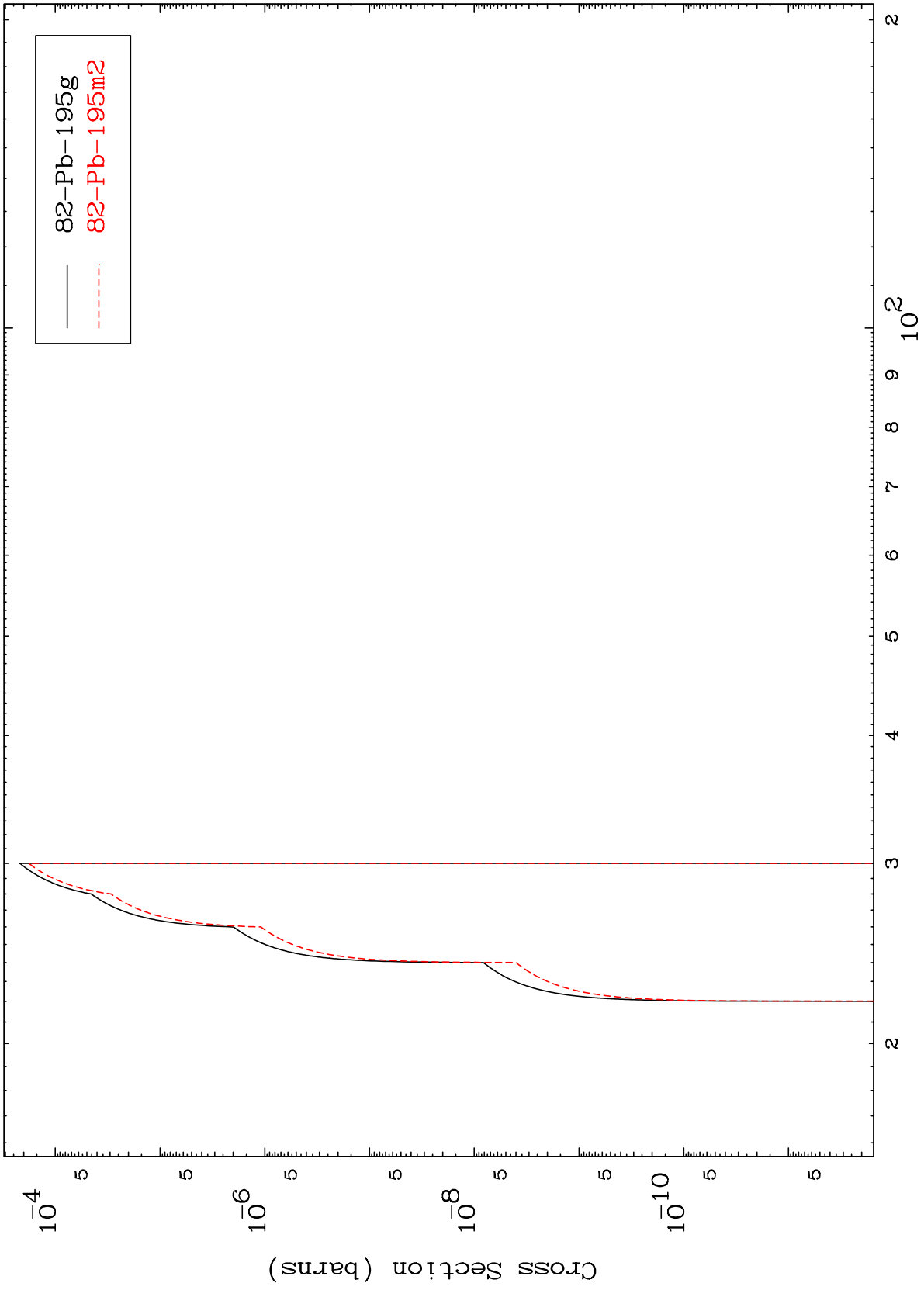
Incident Energy (MeV)

81-T1-194

MAT 8098

81-T1-194

(α, t)
Radionuclide Production Cross Section



21

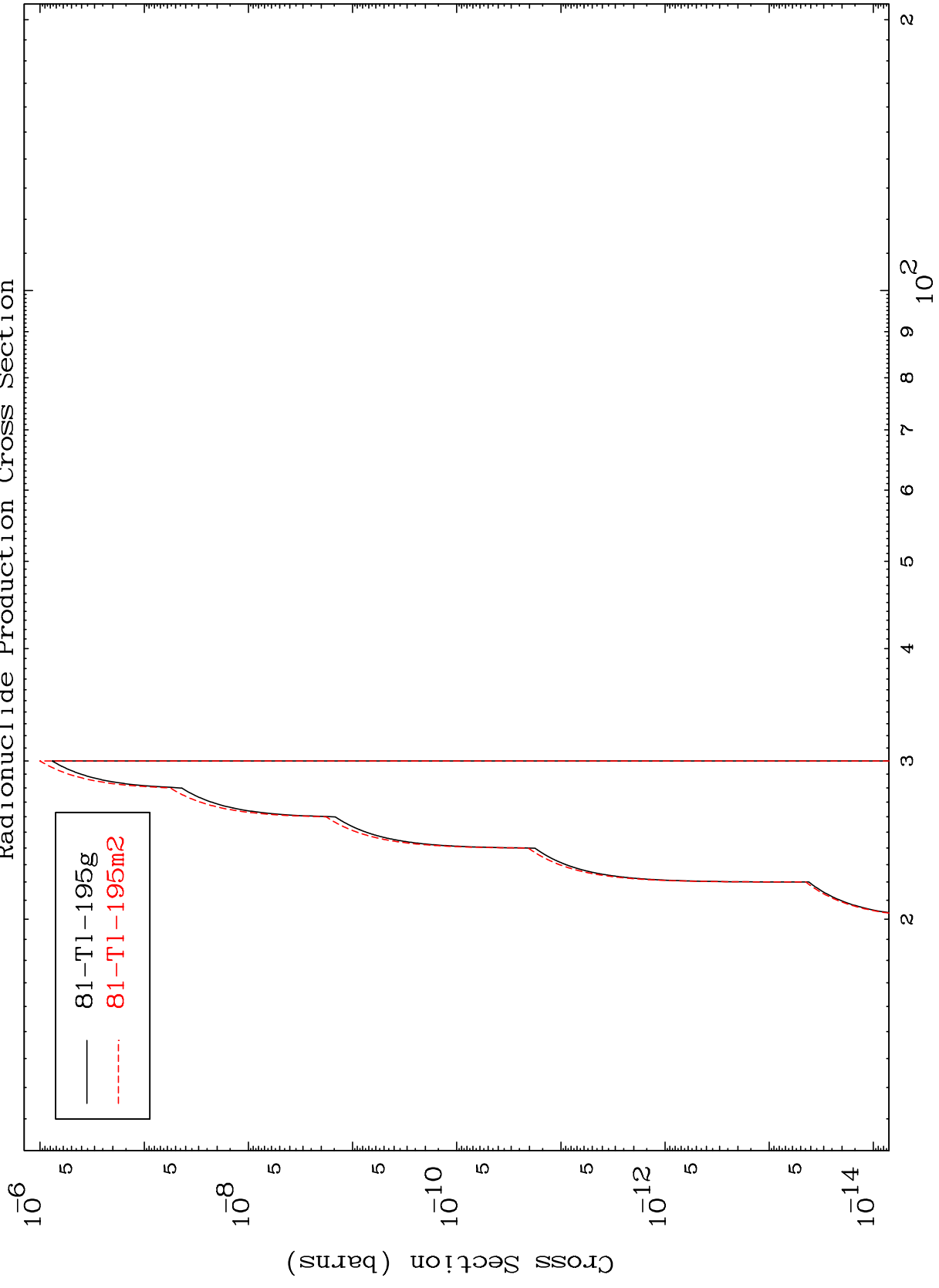
81-T1-194

MAT 8098

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

81-Tl-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

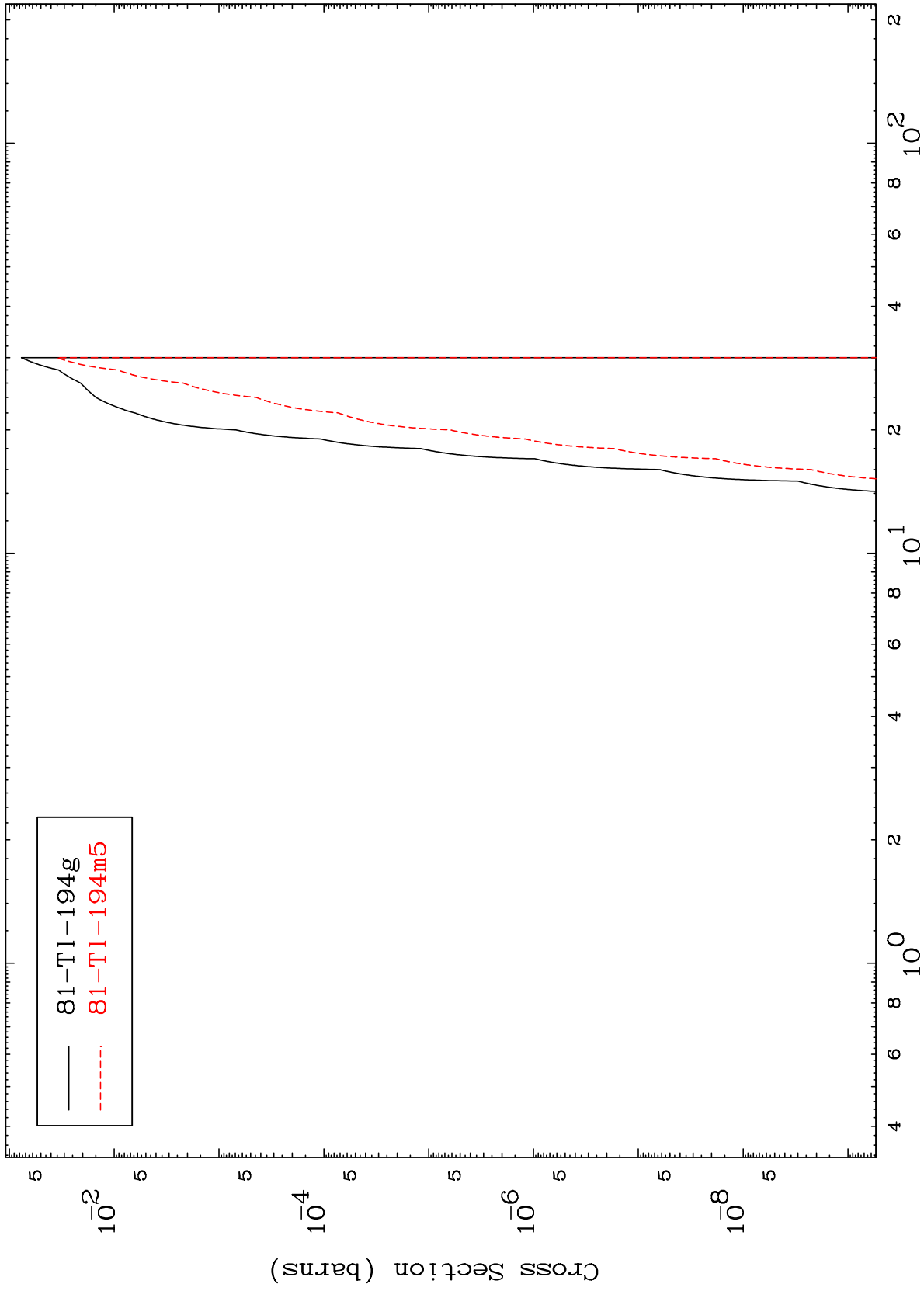
81-Tl-194

MAT 8098

(α, α)

81-Tl-194

Radionuclide Production Cross Section



23

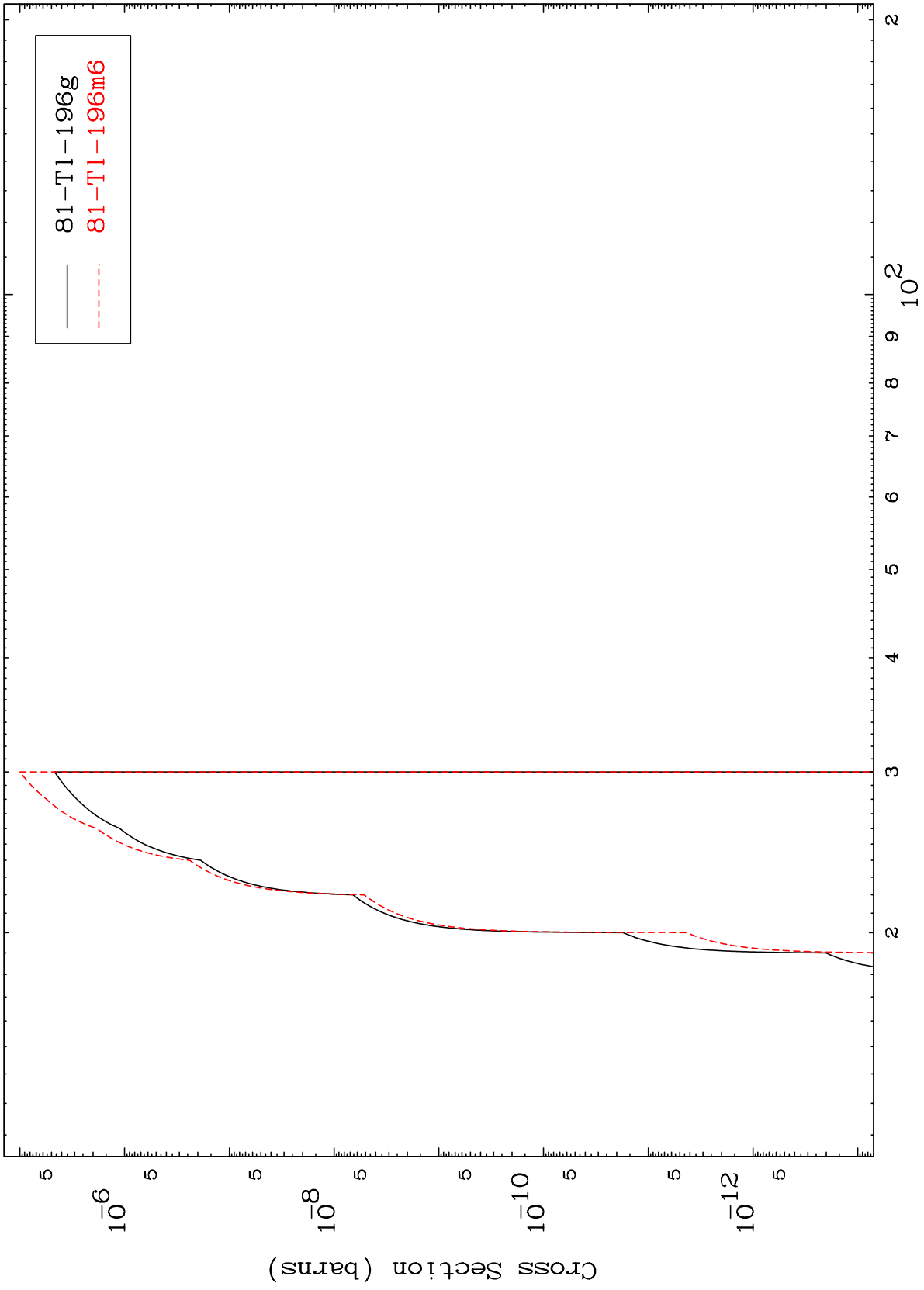
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

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



24

81-Tl-194

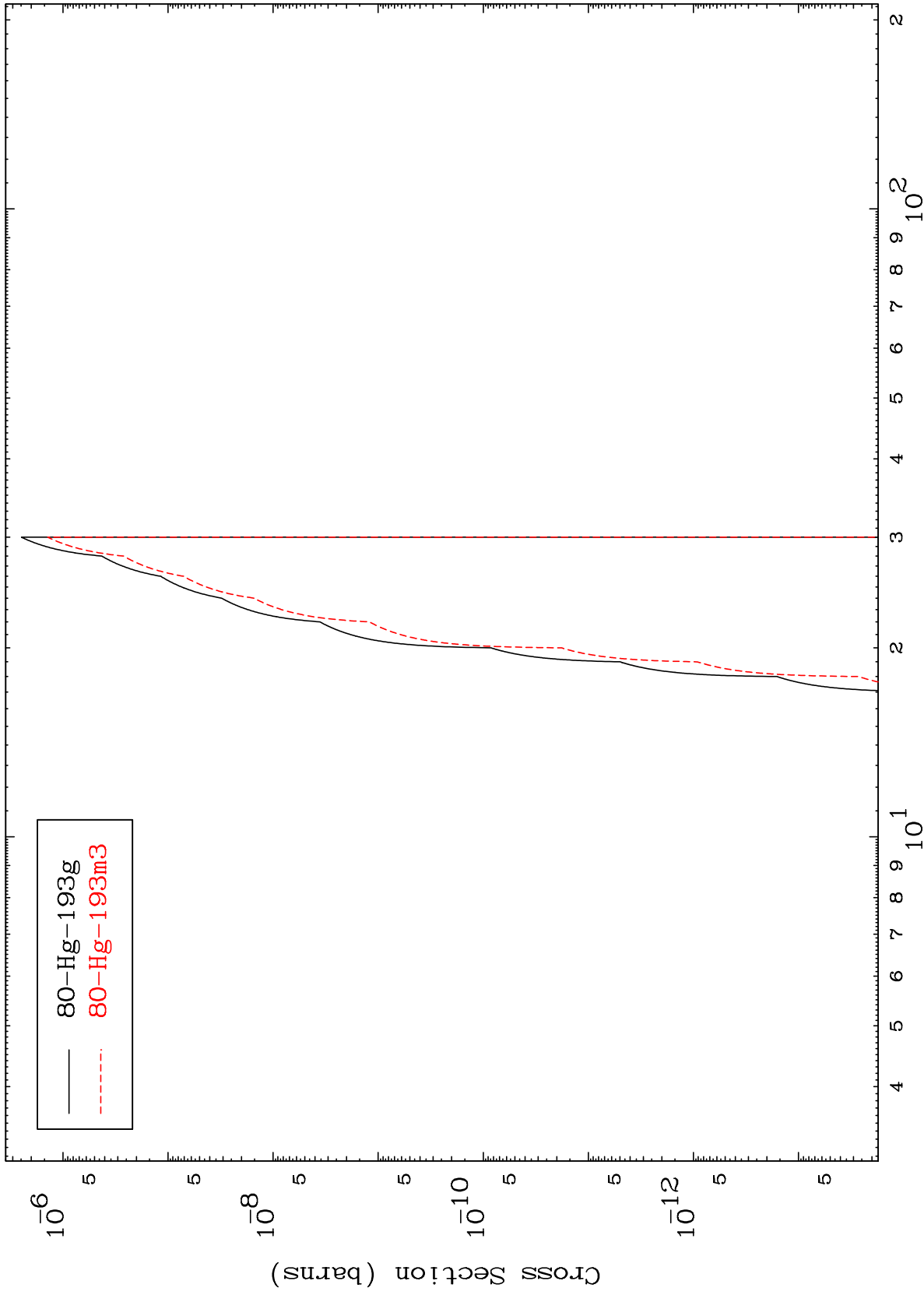
Incident Energy (MeV)

MAT 8098

(α, p) α

81-Tl-194

Radionuclide Production Cross Section



25

Incident Energy (MeV)

81-Tl-194