

Program EVALPLOT
(Version 2018-1)

by

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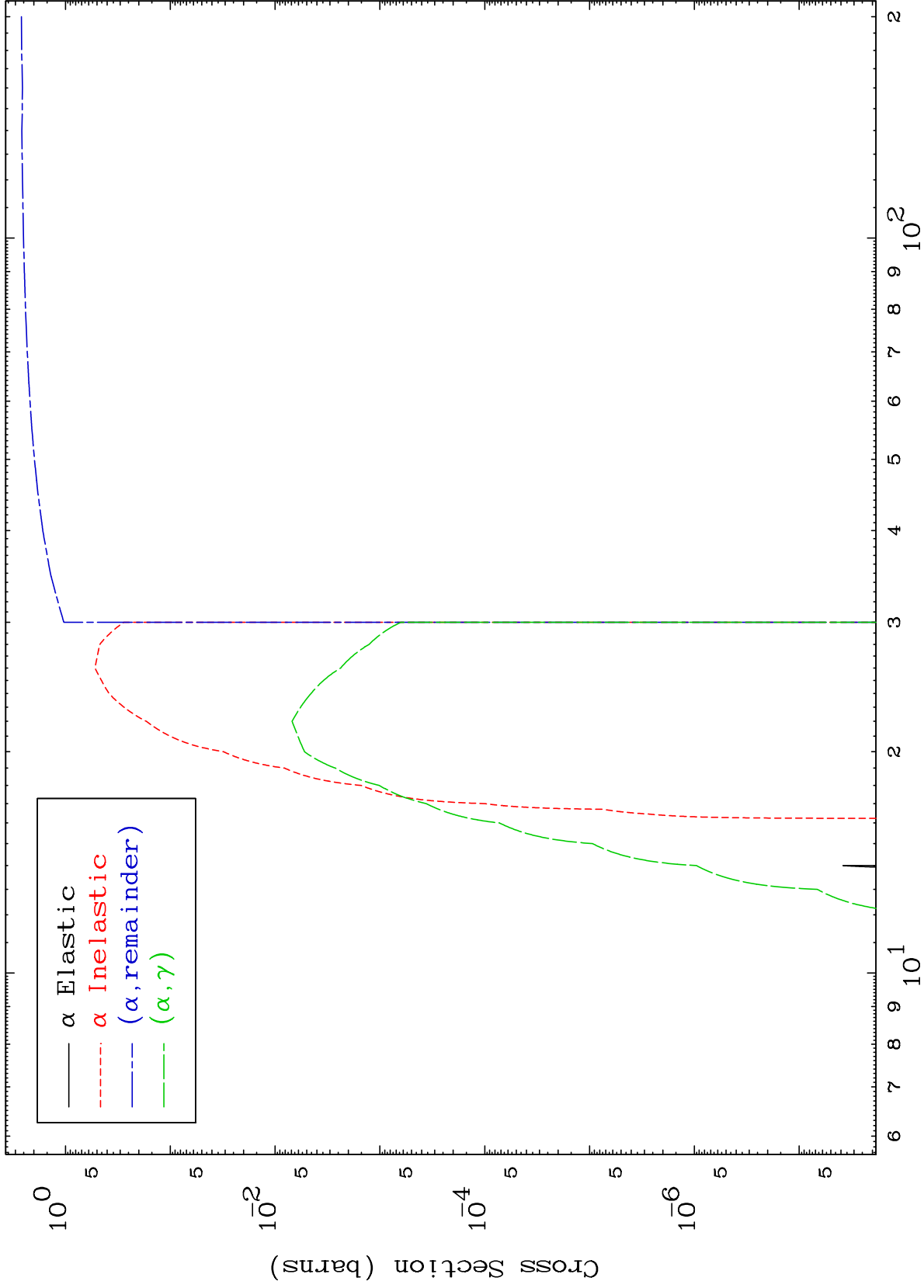
Press Mouse Button to Start

MAT 8089

0 Kelvin

α Major Cross Sections

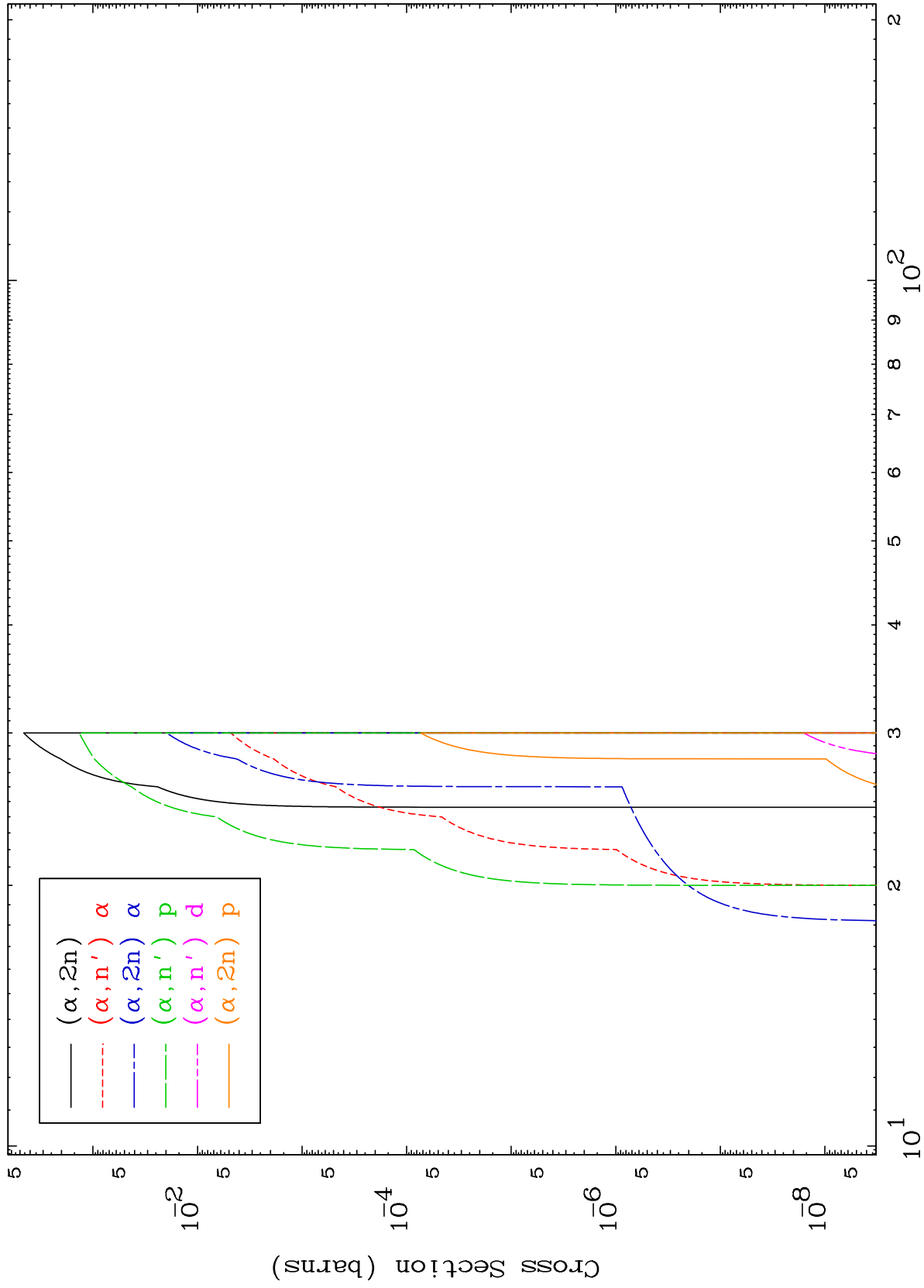
81-Tl-191



MAT 8089

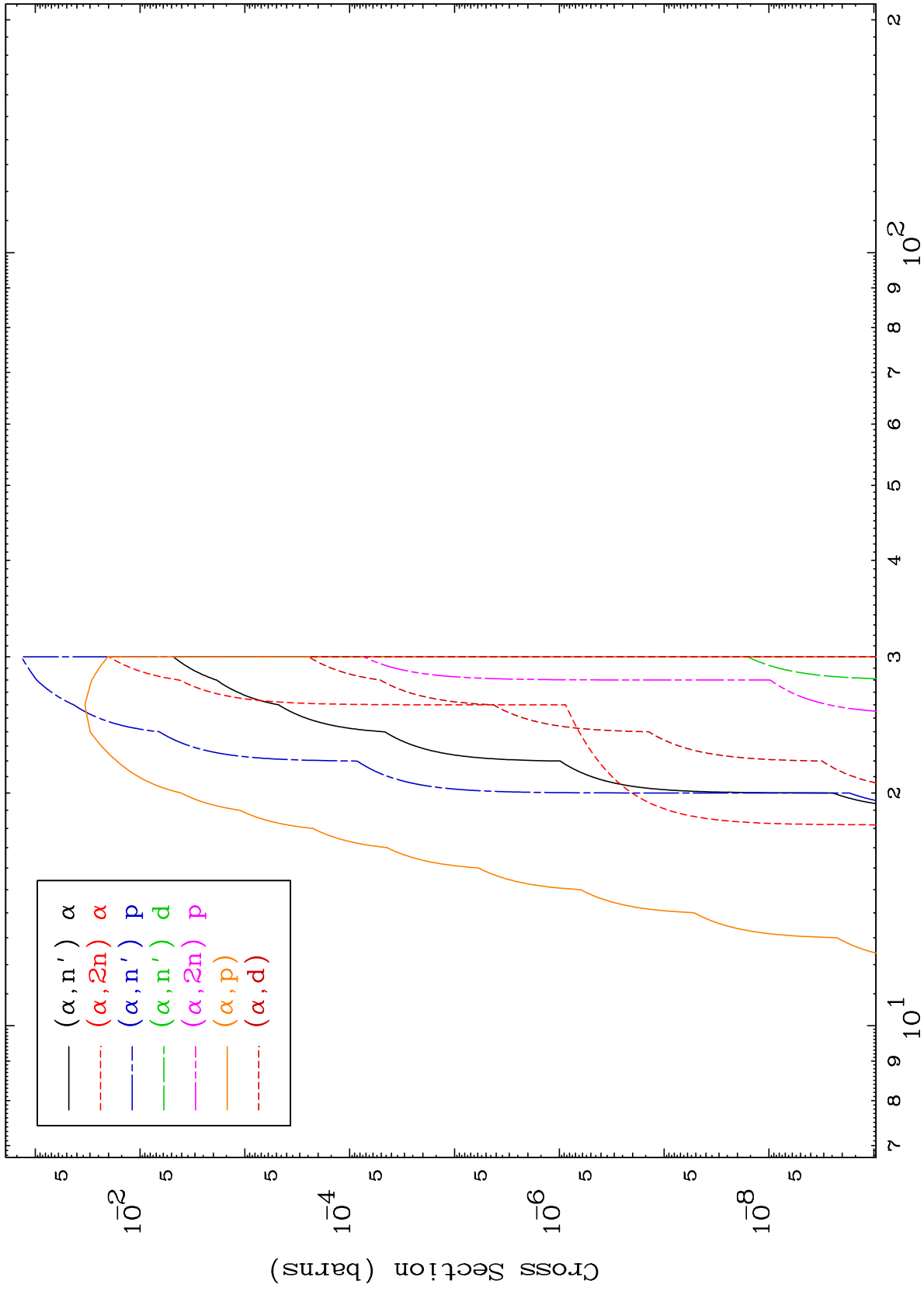
α Neutron Production
0 Kelvin Cross Sections

81-Tl-191



Incident Energy (MeV)

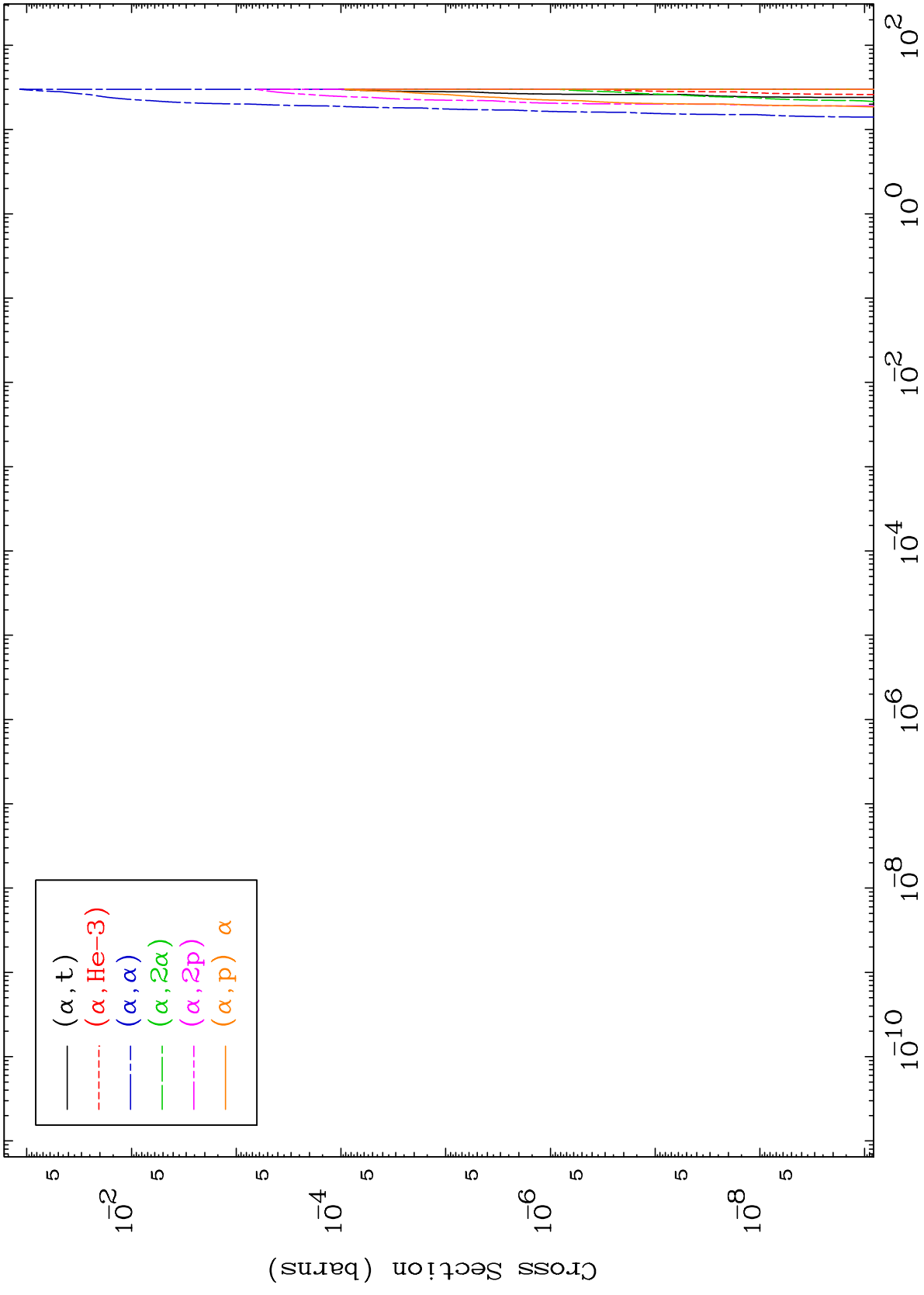
81-Tl-191



MAT 8089

α Charged Particle
0 Kelvin Cross Sections

81-Tl-191

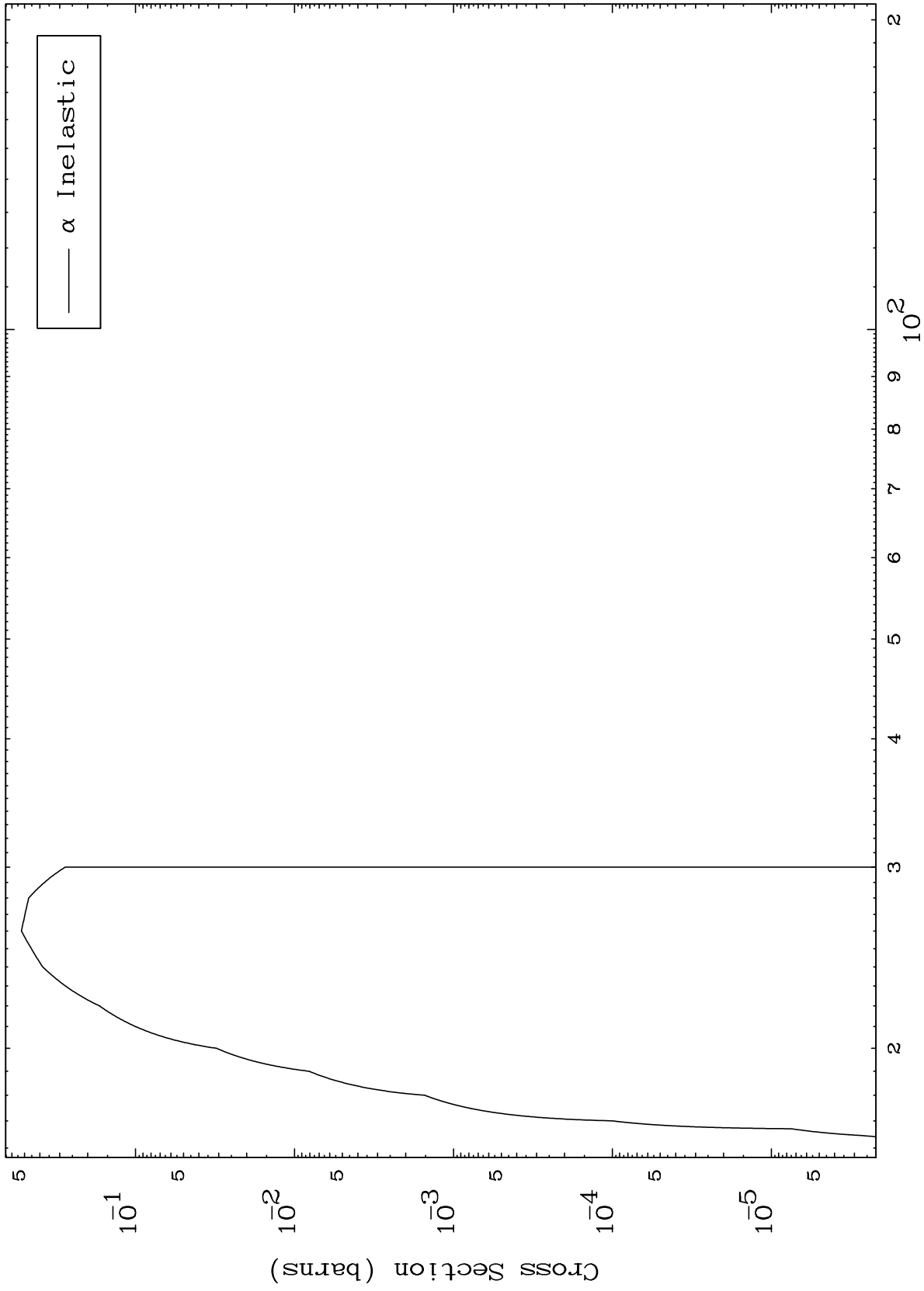


81-Tl-191

MAT 8089

(α, n') Level
0 Kelvin Cross Sections

81-Tl-191



5

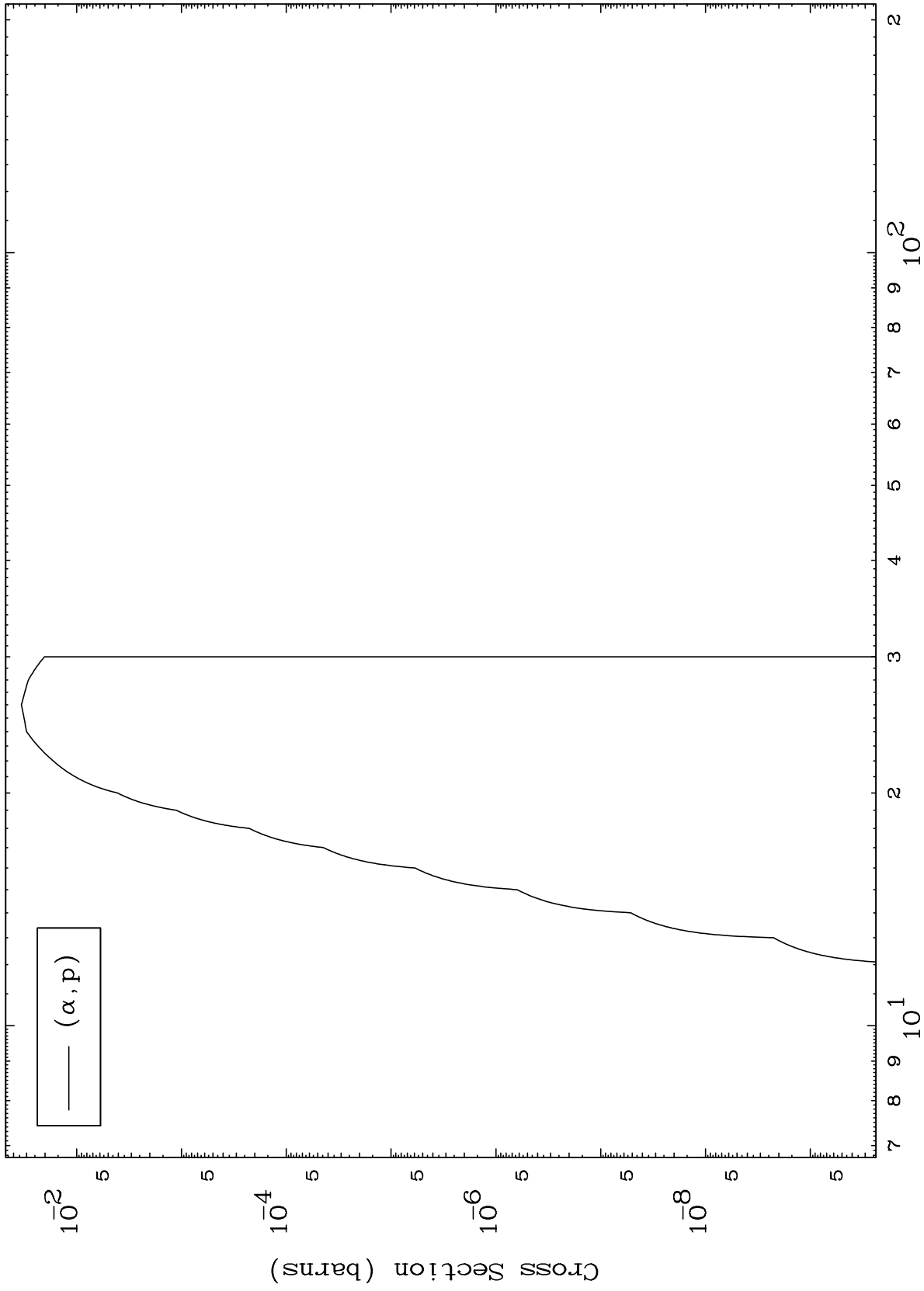
Incident Energy (MeV)

81-Tl-191

MAT 8089

(α, p) Levels
0 Kelvin Cross Sections

81-Tl-191



6

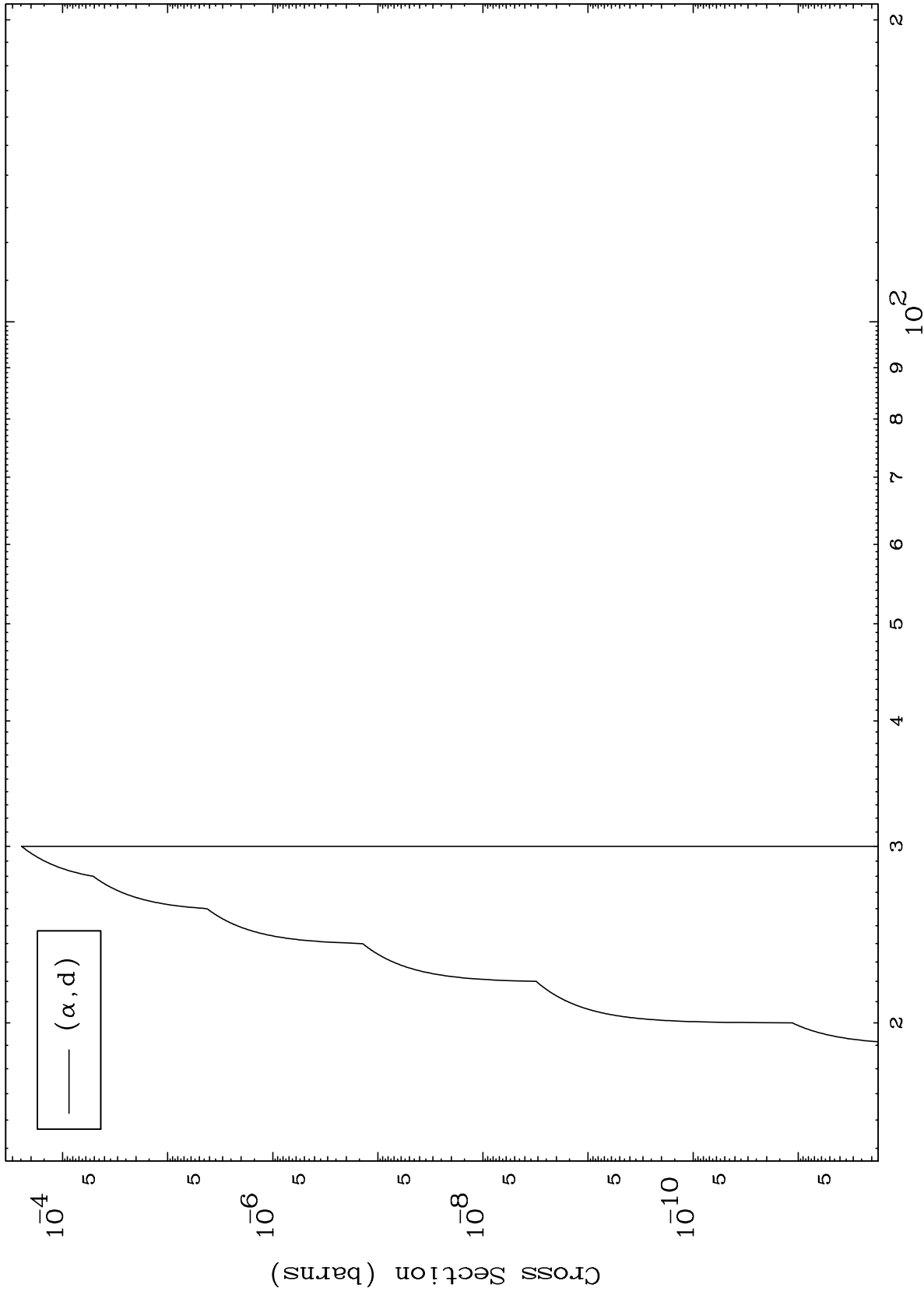
Incident Energy (MeV)

81-Tl-191

MAT 8089

(α, d) Levels
0 Kelvin Cross Sections

81-Tl-191



7

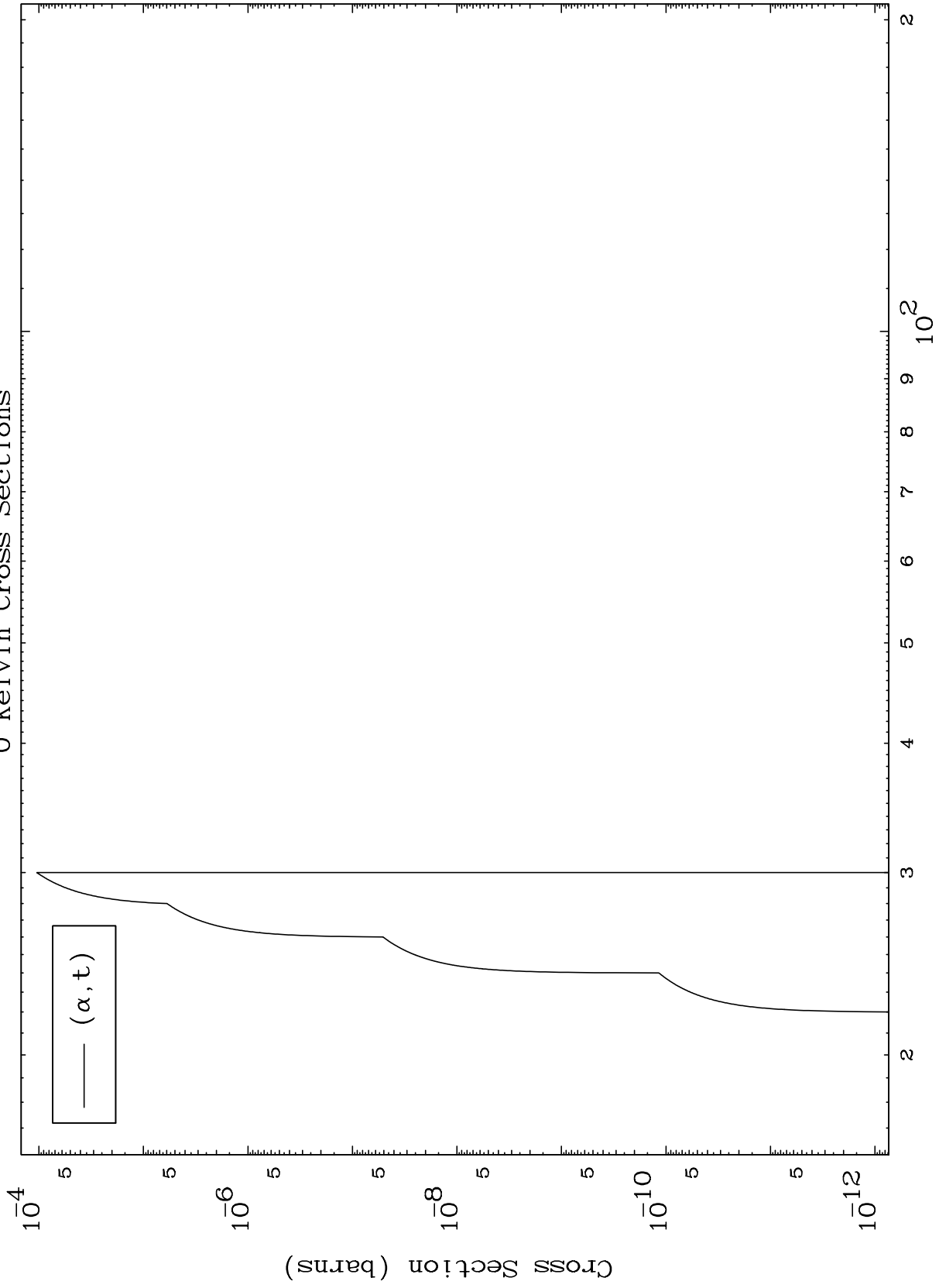
Incident Energy (MeV)

81-Tl-191

MAT 8089

(α, t) Levels
0 Kelvin Cross Sections

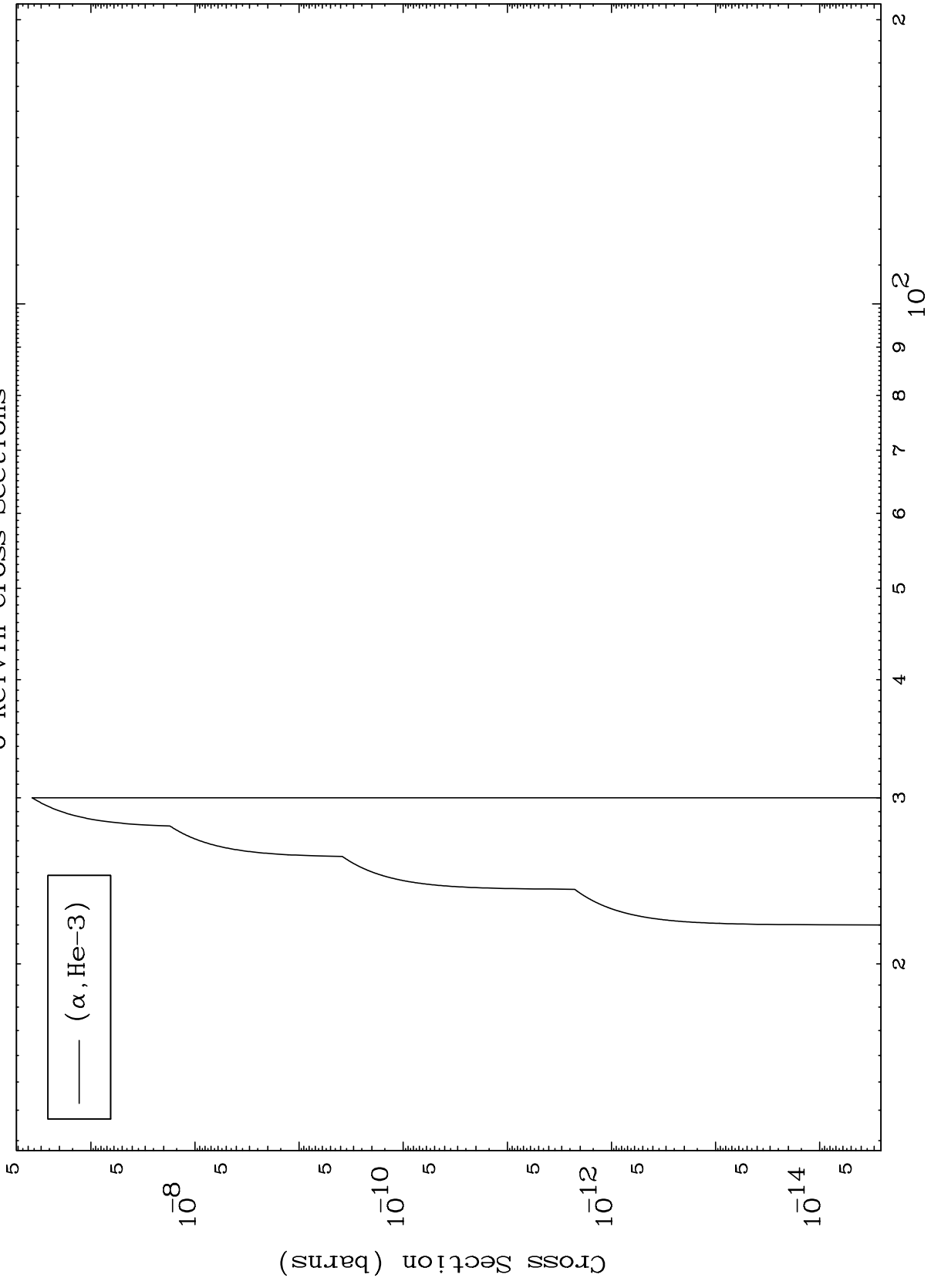
81-Tl-191



8

Incident Energy (MeV)

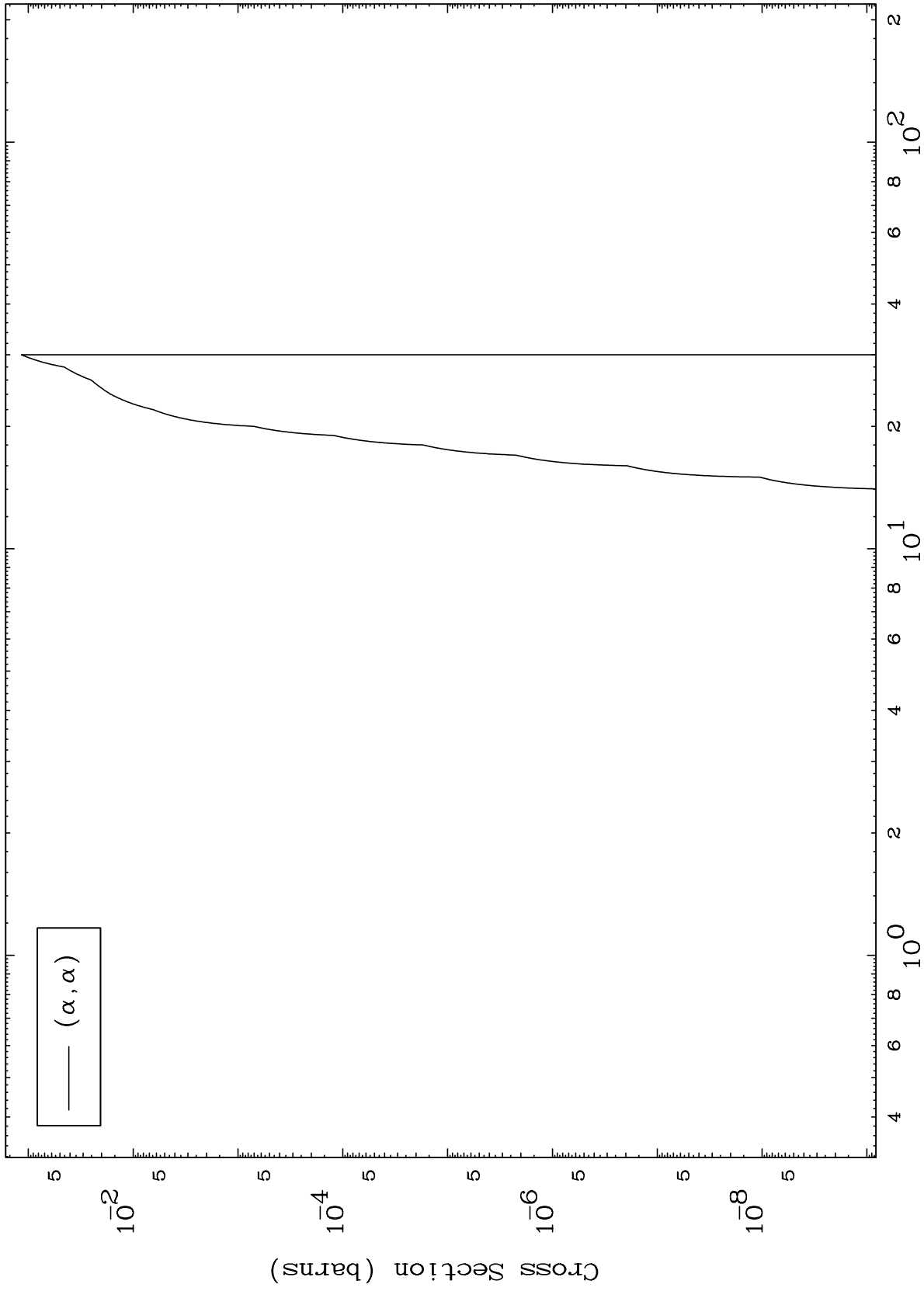
81-Tl-191



MAT 8089

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-191

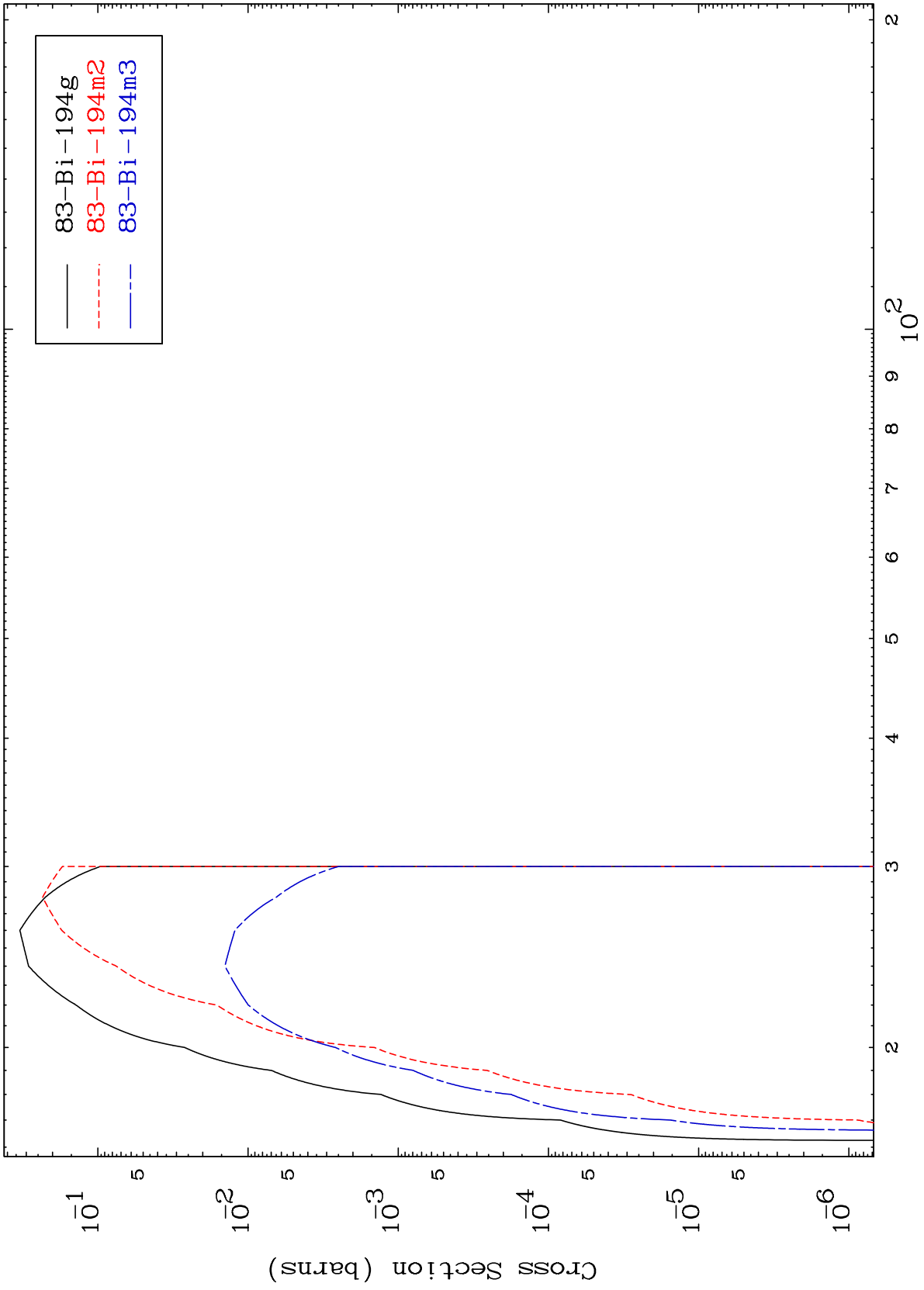


10

Incident Energy (MeV)

81-Tl-191

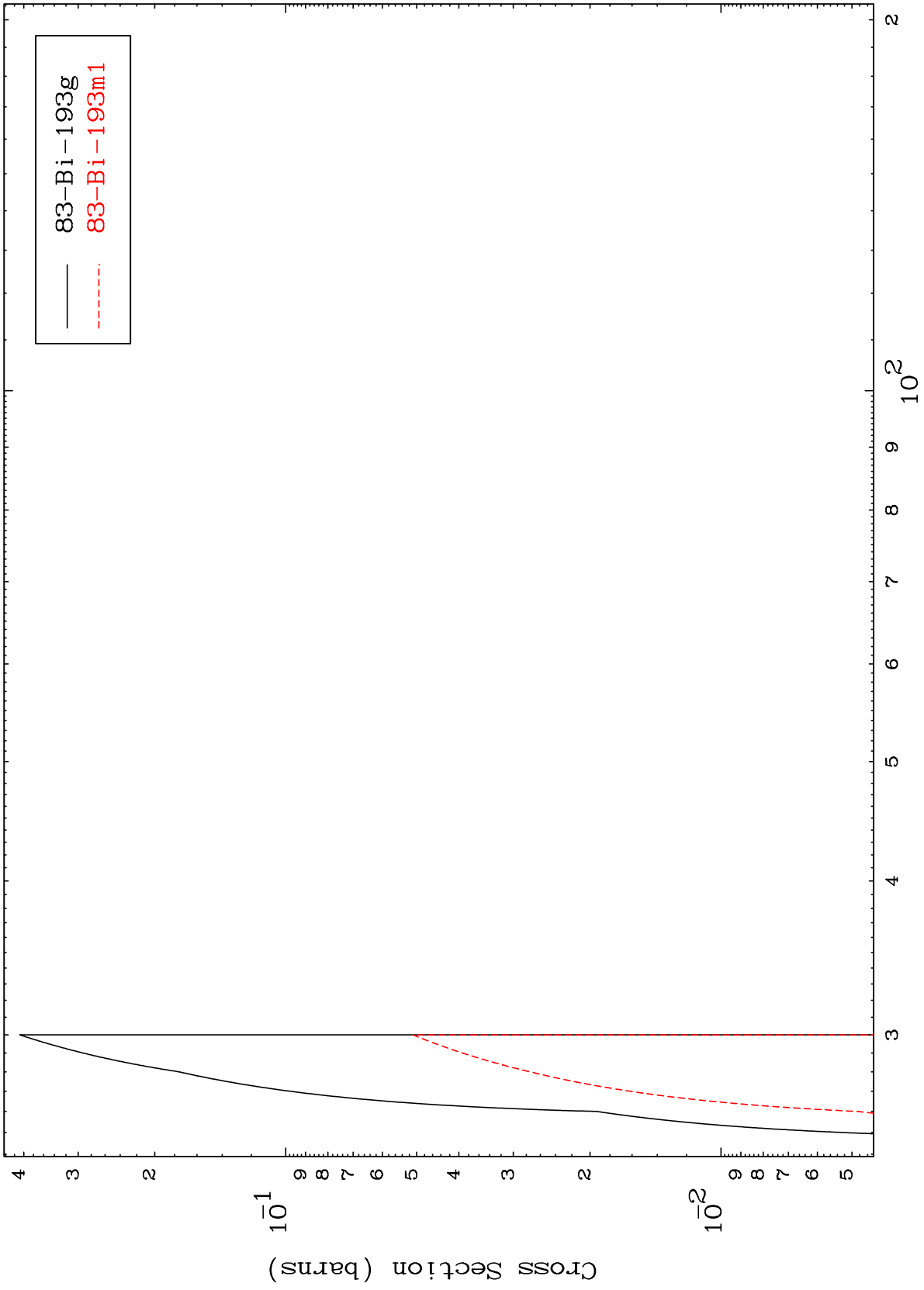
Radionuclide Production Cross Section



MAT 8089

81-Tl-191

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



83-Bi-193g
83-Bi-193m1

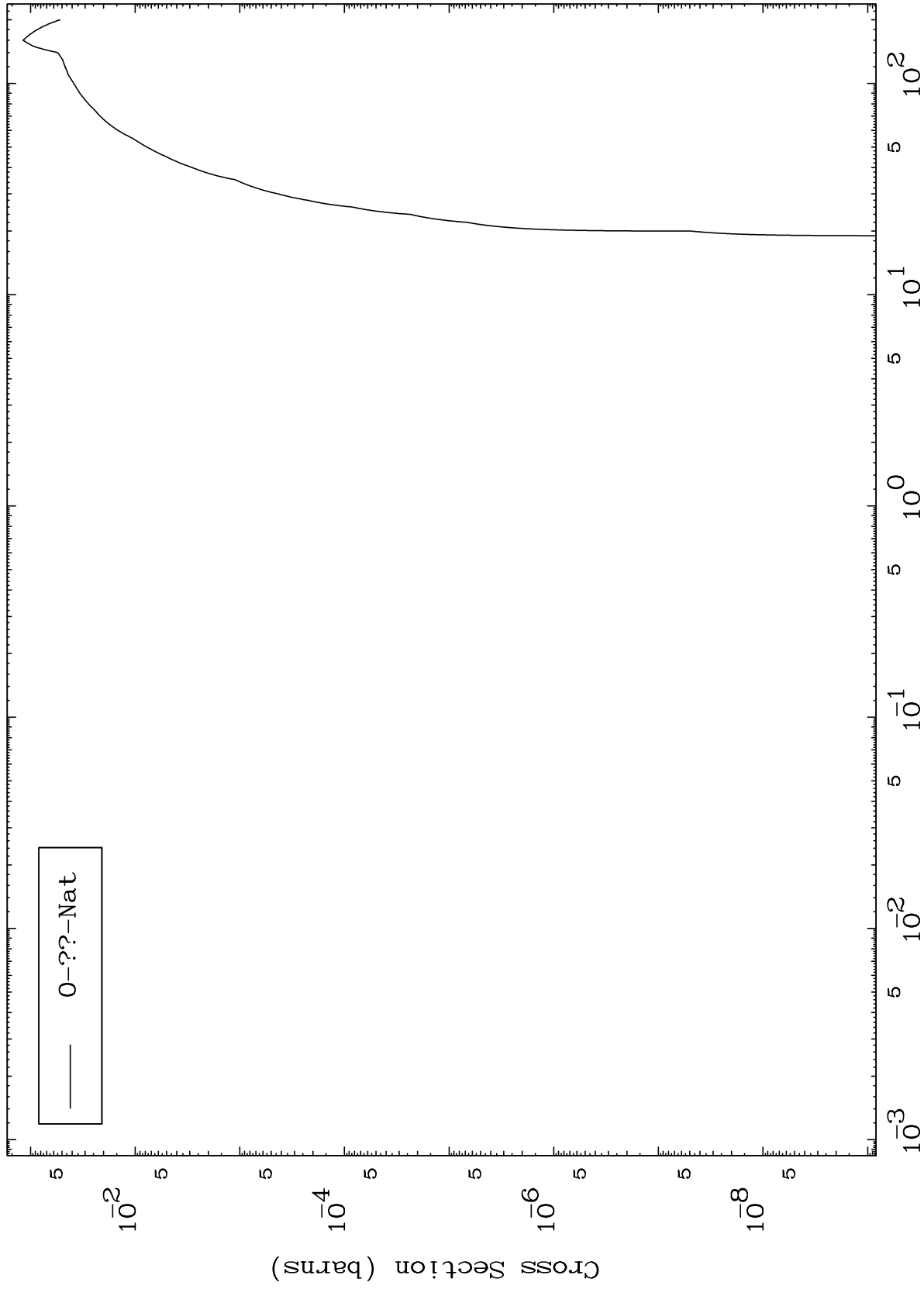
12

81-Tl-191

MAT 8089

α Fission
Radionuclide Production Cross Section

81-Tl-191



13

Incident Energy (MeV)

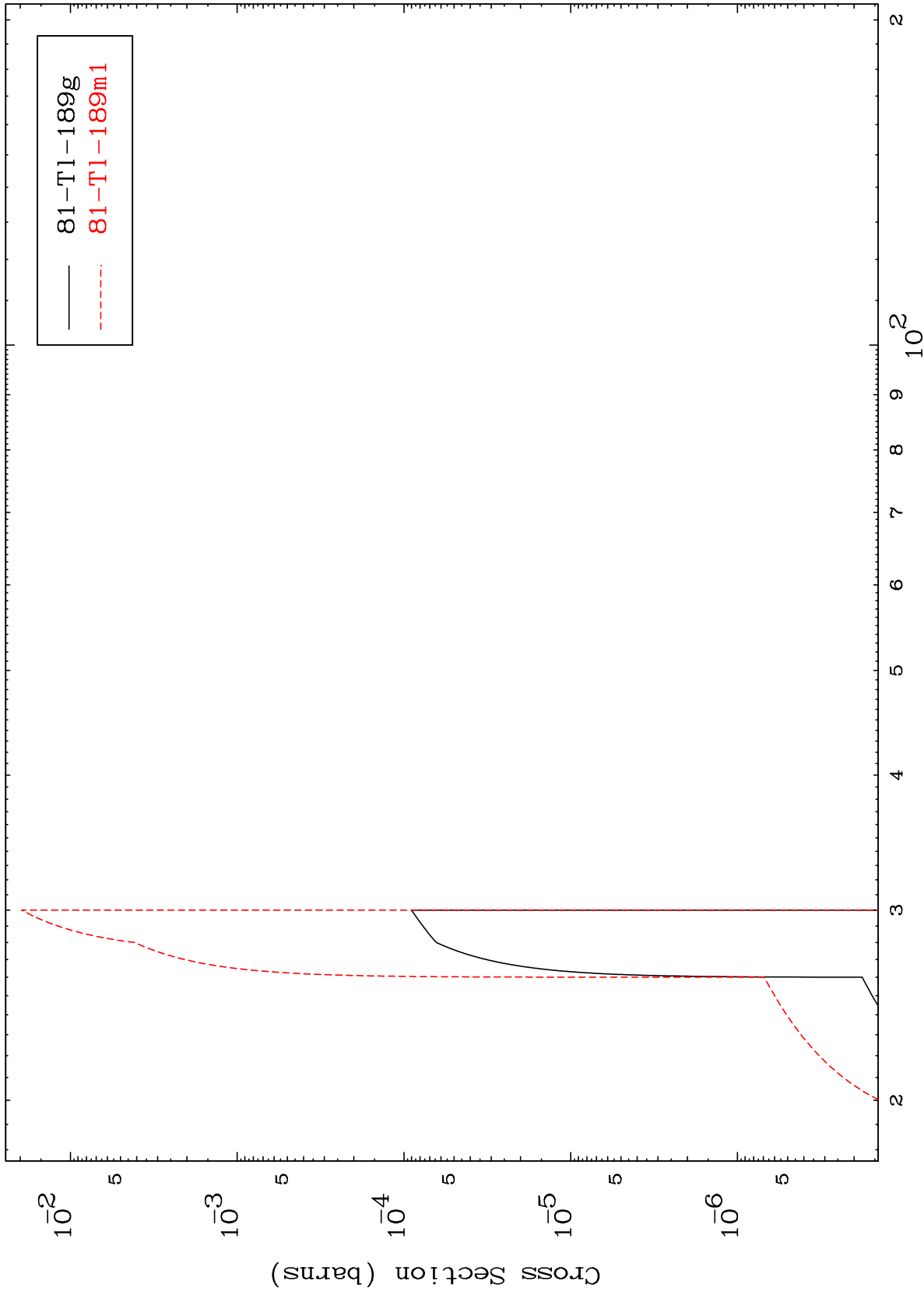
81-Tl-191

MAT 8089

$(\alpha, 2n) \alpha$

81-Tl-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

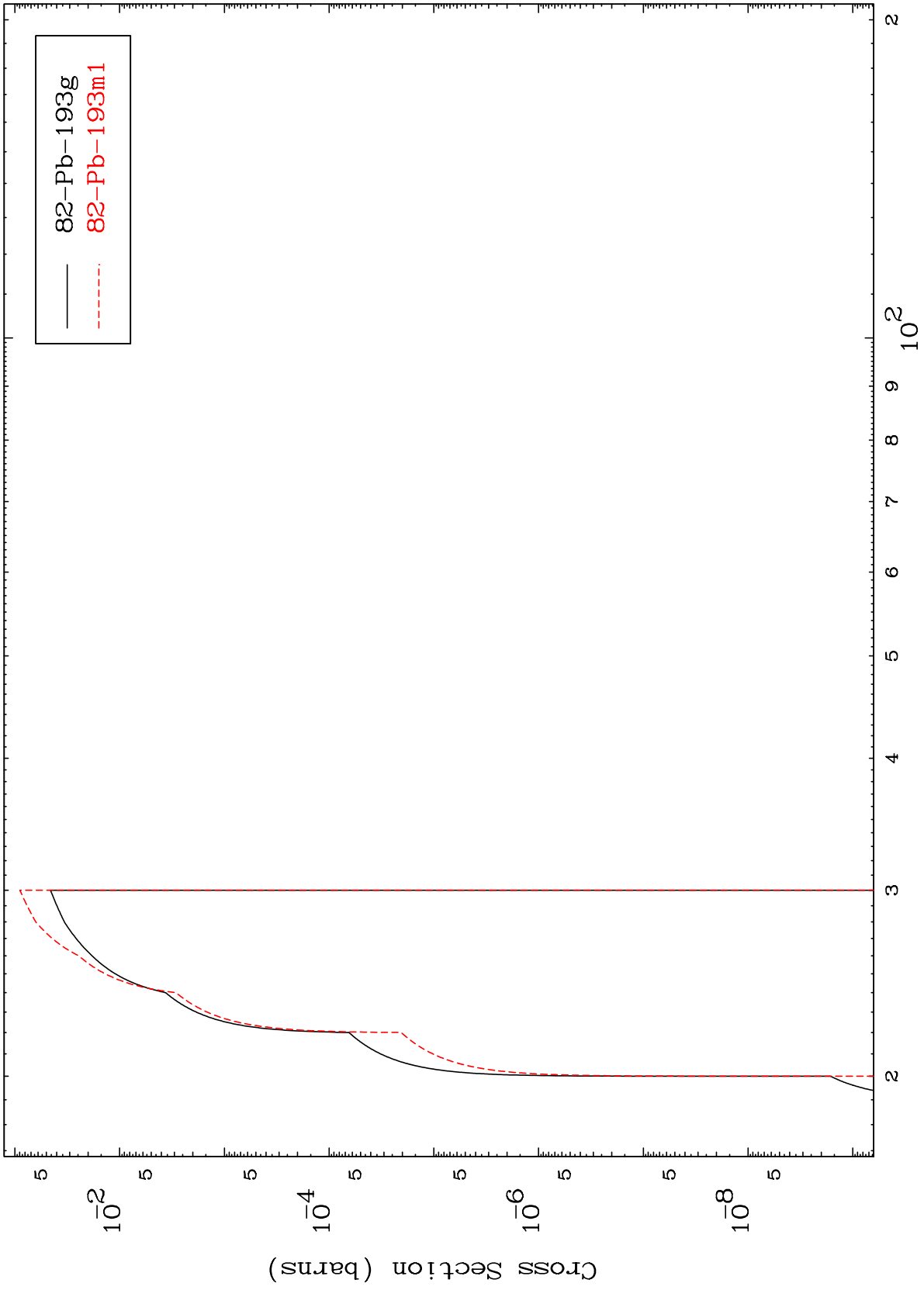
81-Tl-191

MAT 8089

(α, n') p

81-Tl-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

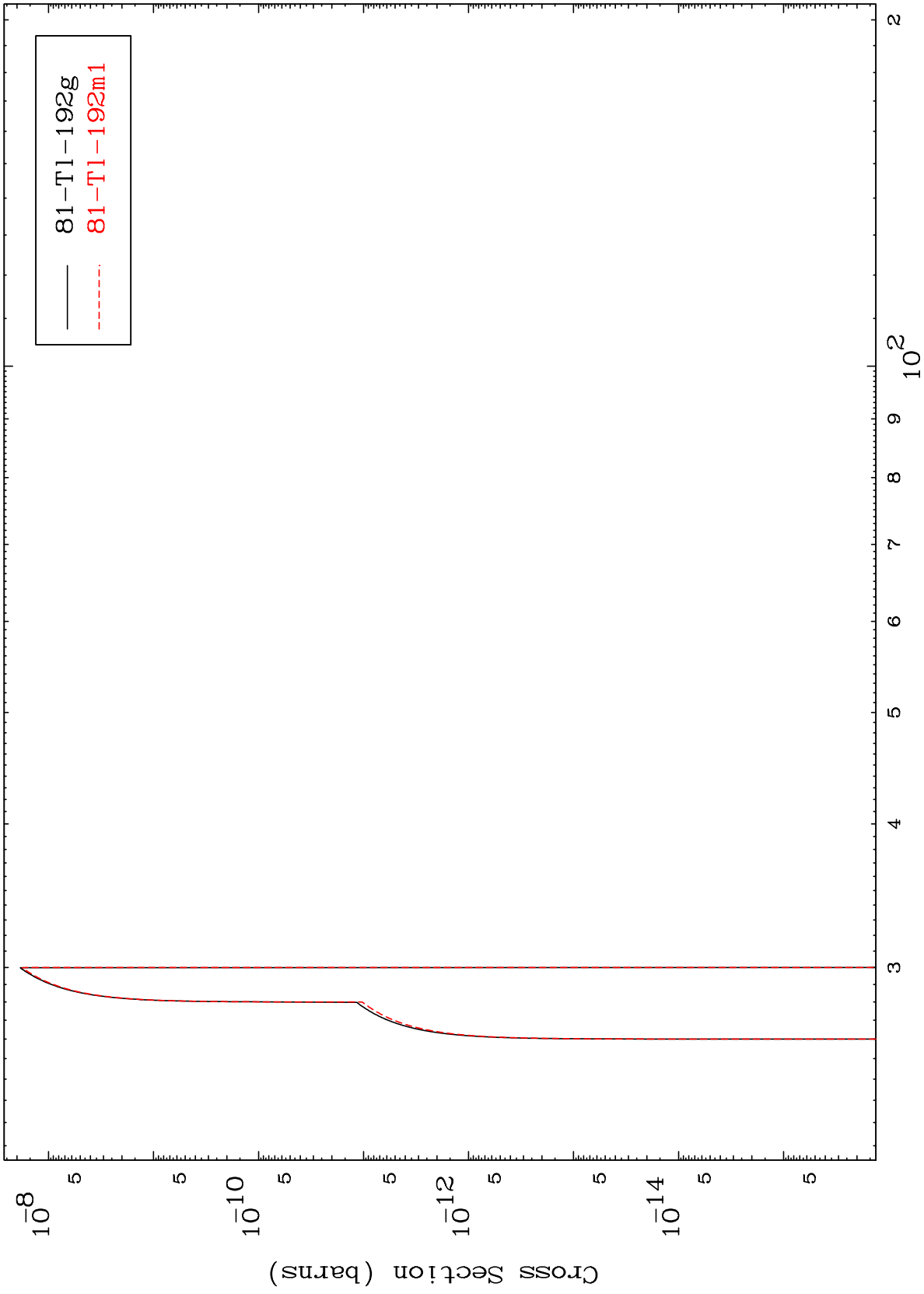
81-Tl-191

MAT 8089

($\alpha, 2n$) p

81-Tl-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

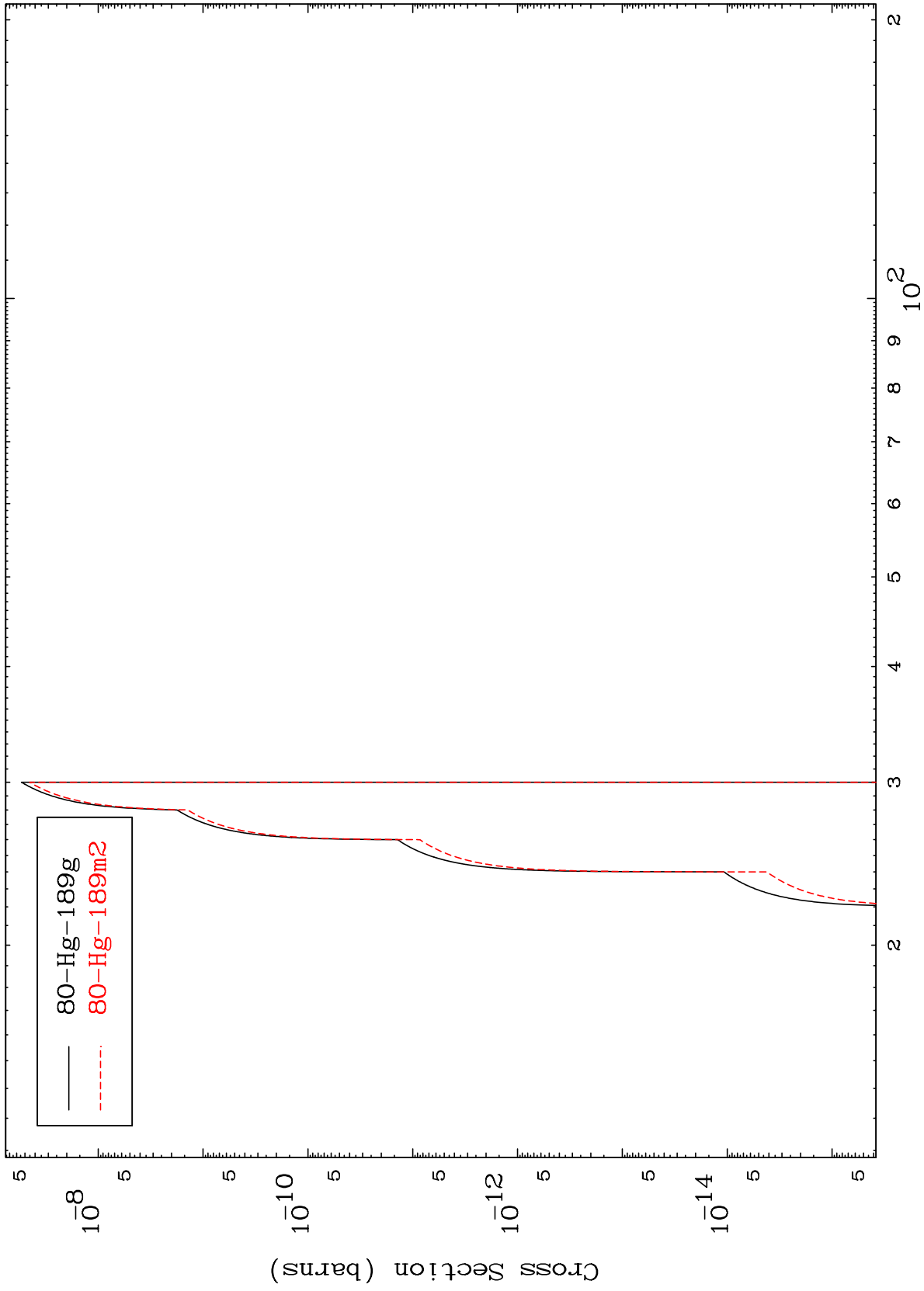
81-Tl-191

MAT 8089

(α, n') p α

81-Tl-191

Radionuclide Production Cross Section



17

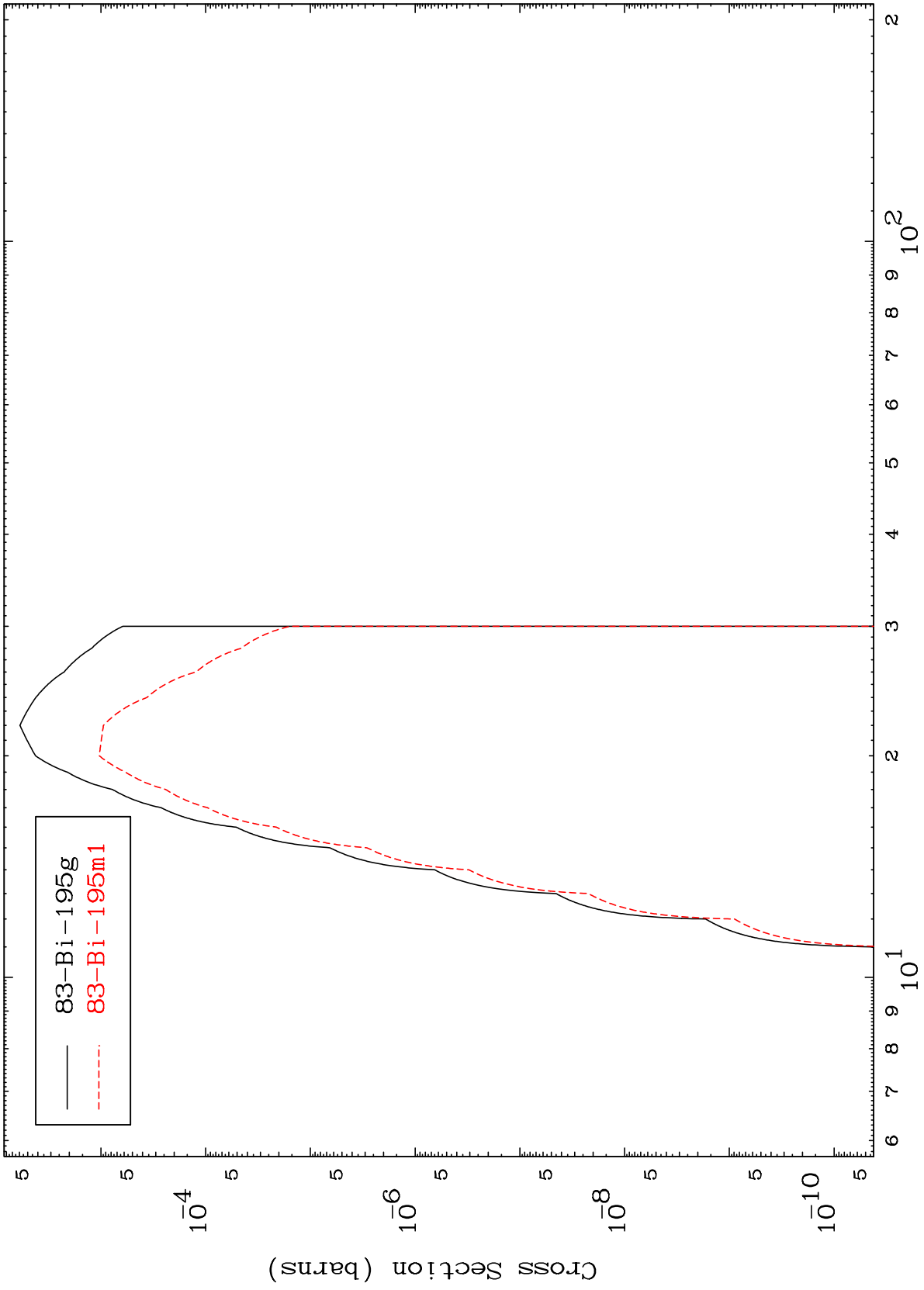
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

(α, γ)
Radionuclide Production Cross Section



18

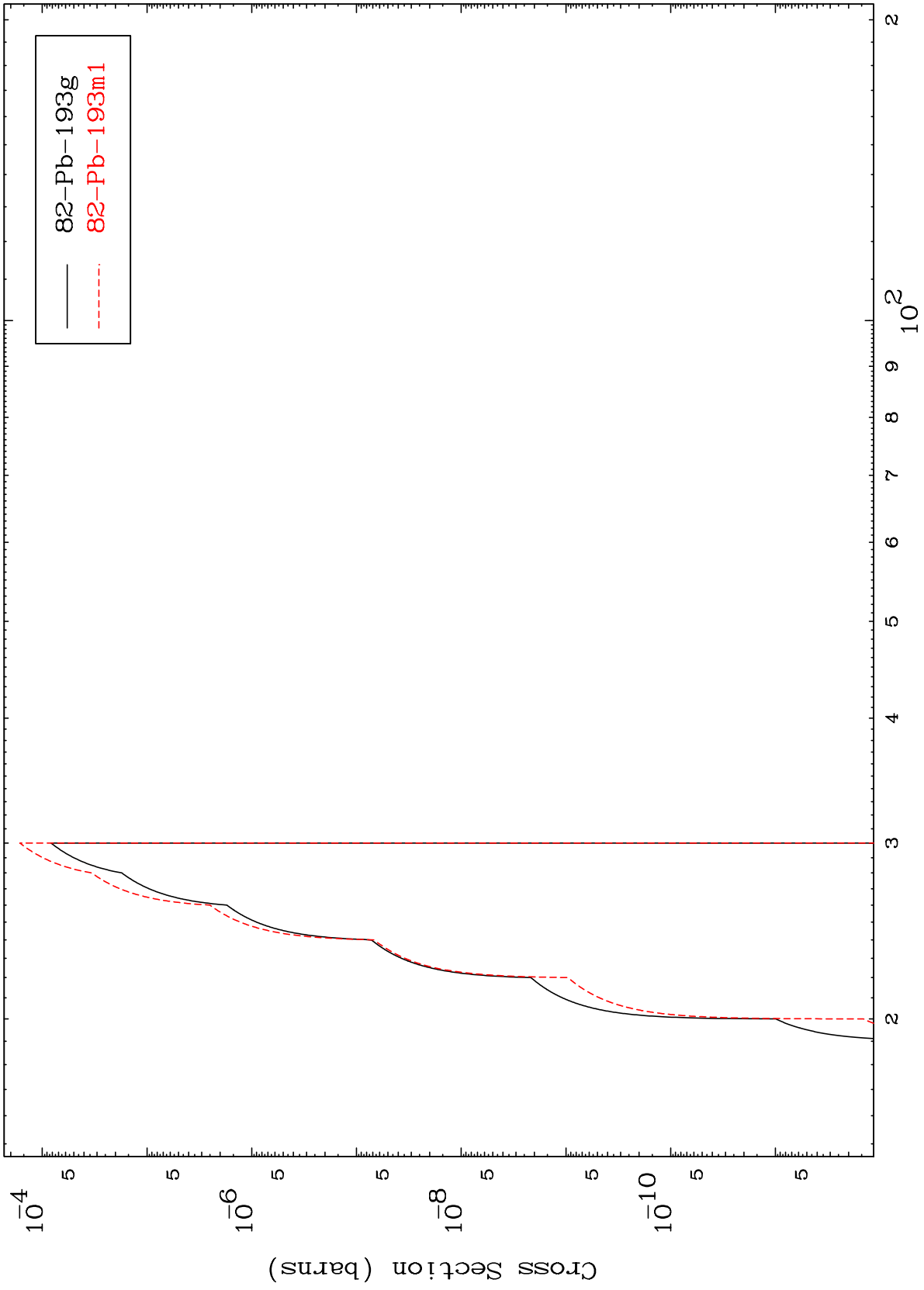
81-Tl-191

MAT 8089

(α, d)

81-Tl-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

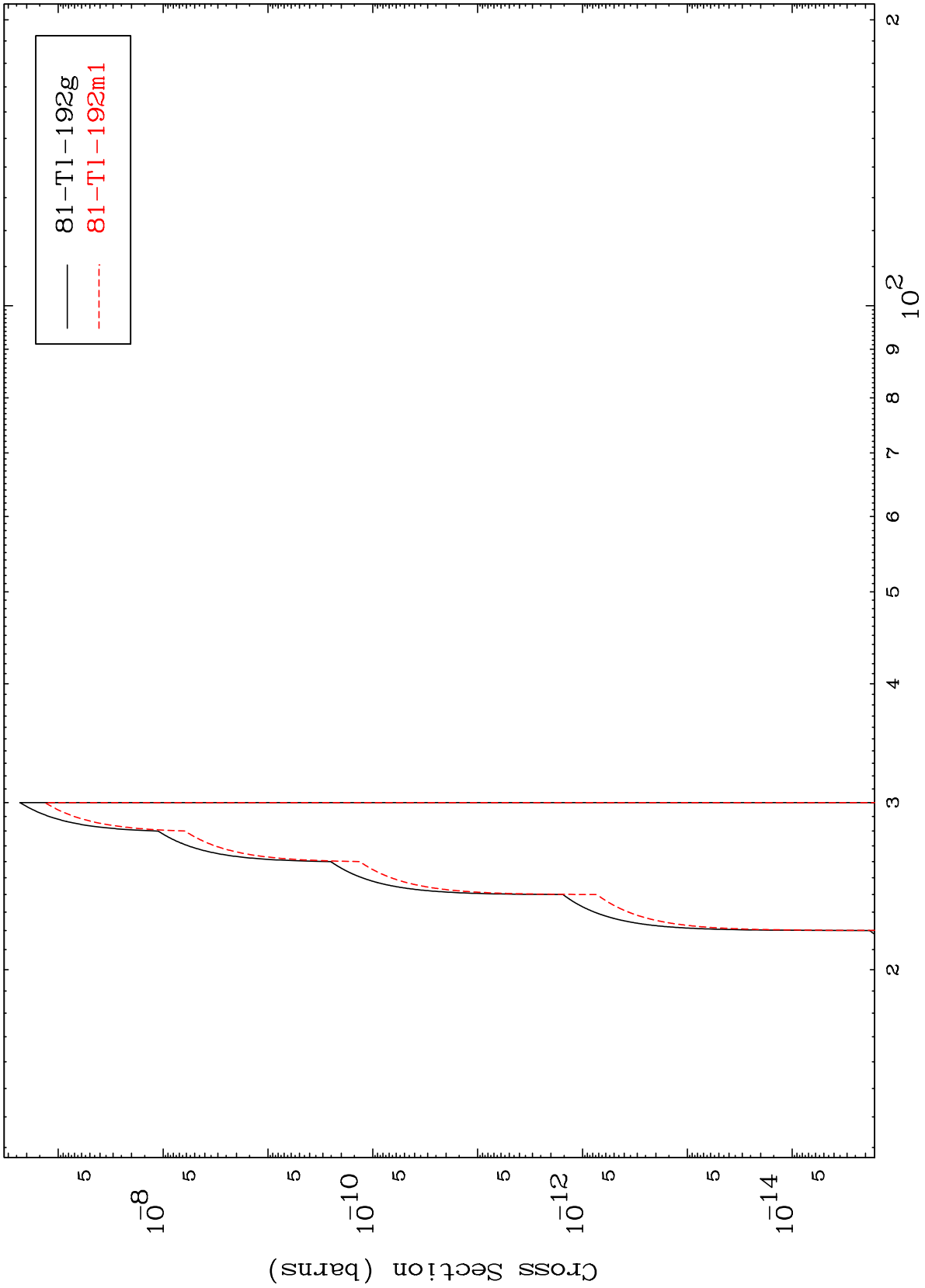
81-Tl-191

MAT 8089

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

81-Tl-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

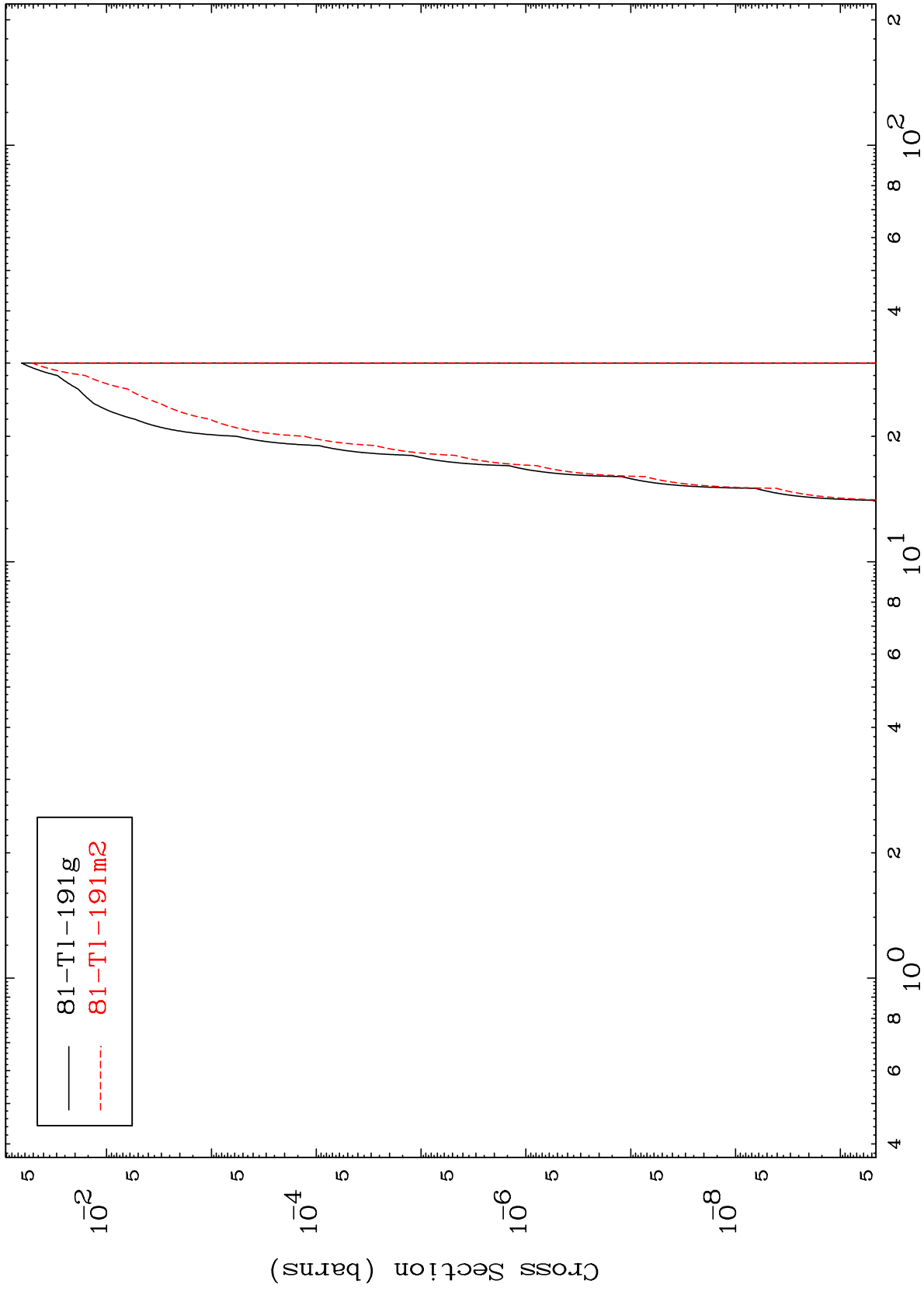
81-Tl-191

MAT 8089

(α, α)

81-Tl-191

Radionuclide Production Cross Section



21

Incident Energy (MeV)

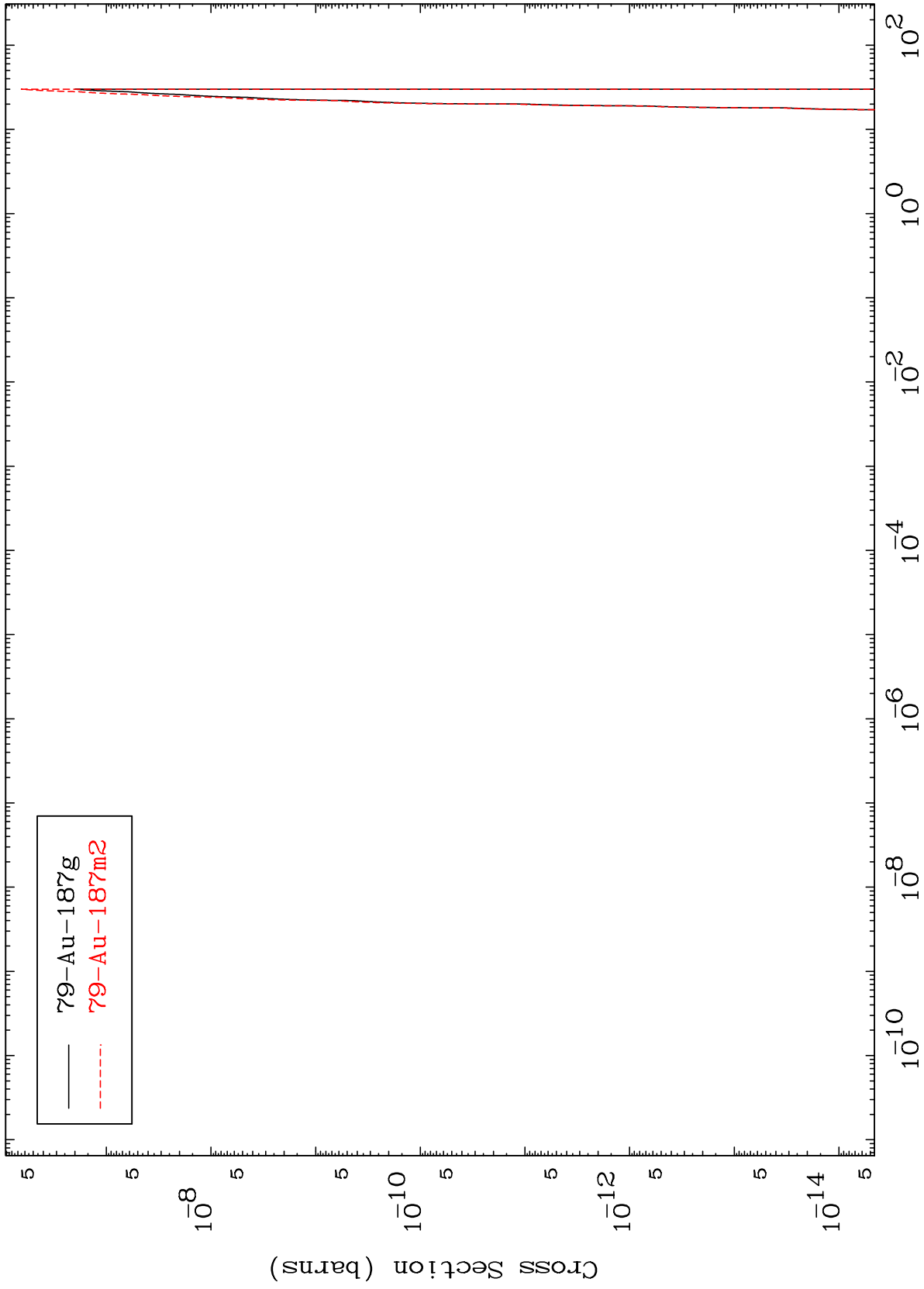
81-Tl-191

MAT 8089

($\alpha, 2\alpha$)

81-Tl-191

Radionuclide Production Cross Section



22

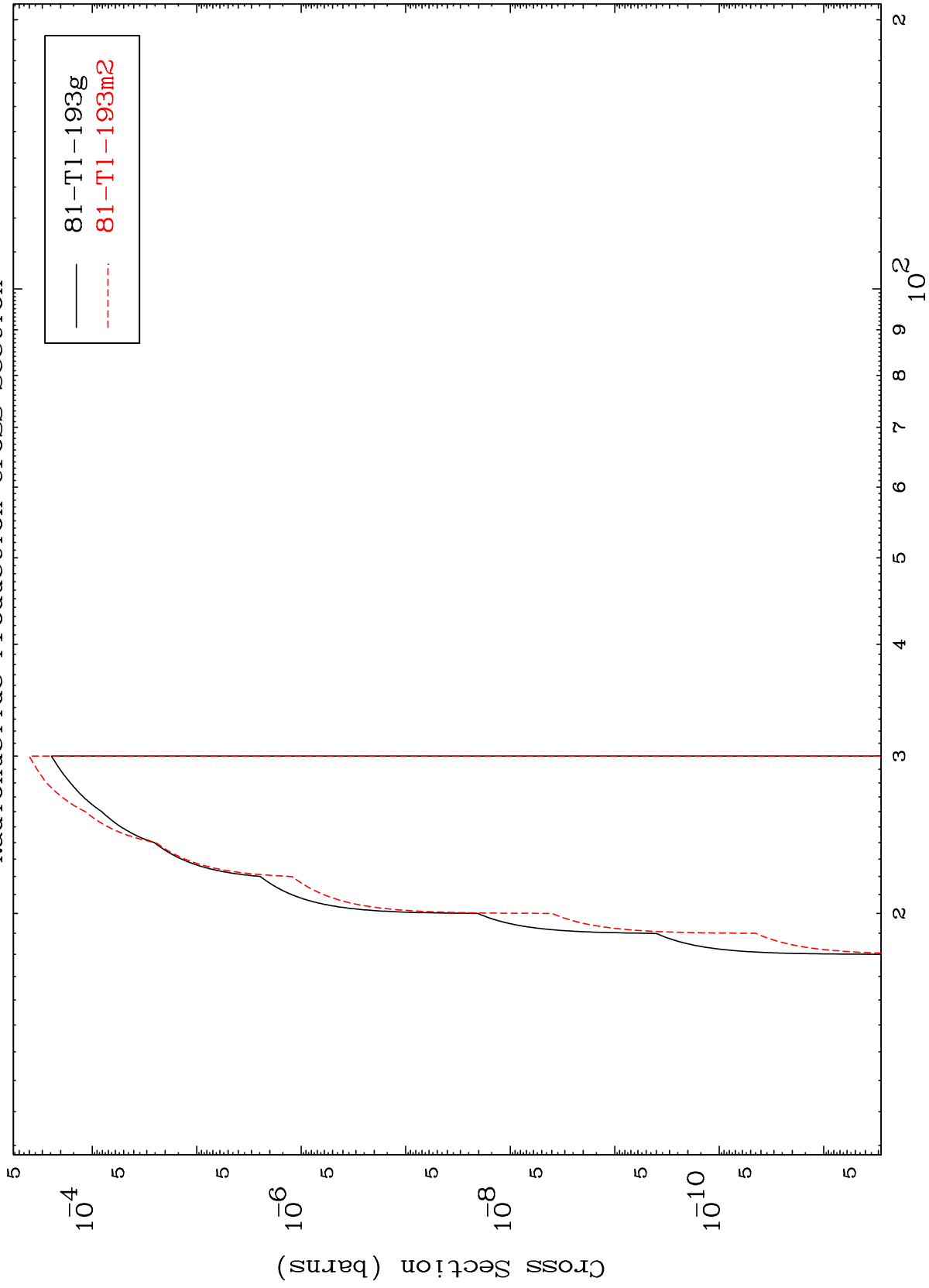
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

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



23

81-Tl-191

Incident Energy (MeV)