

Program EVALPLOT
(Version 2018-1)

by

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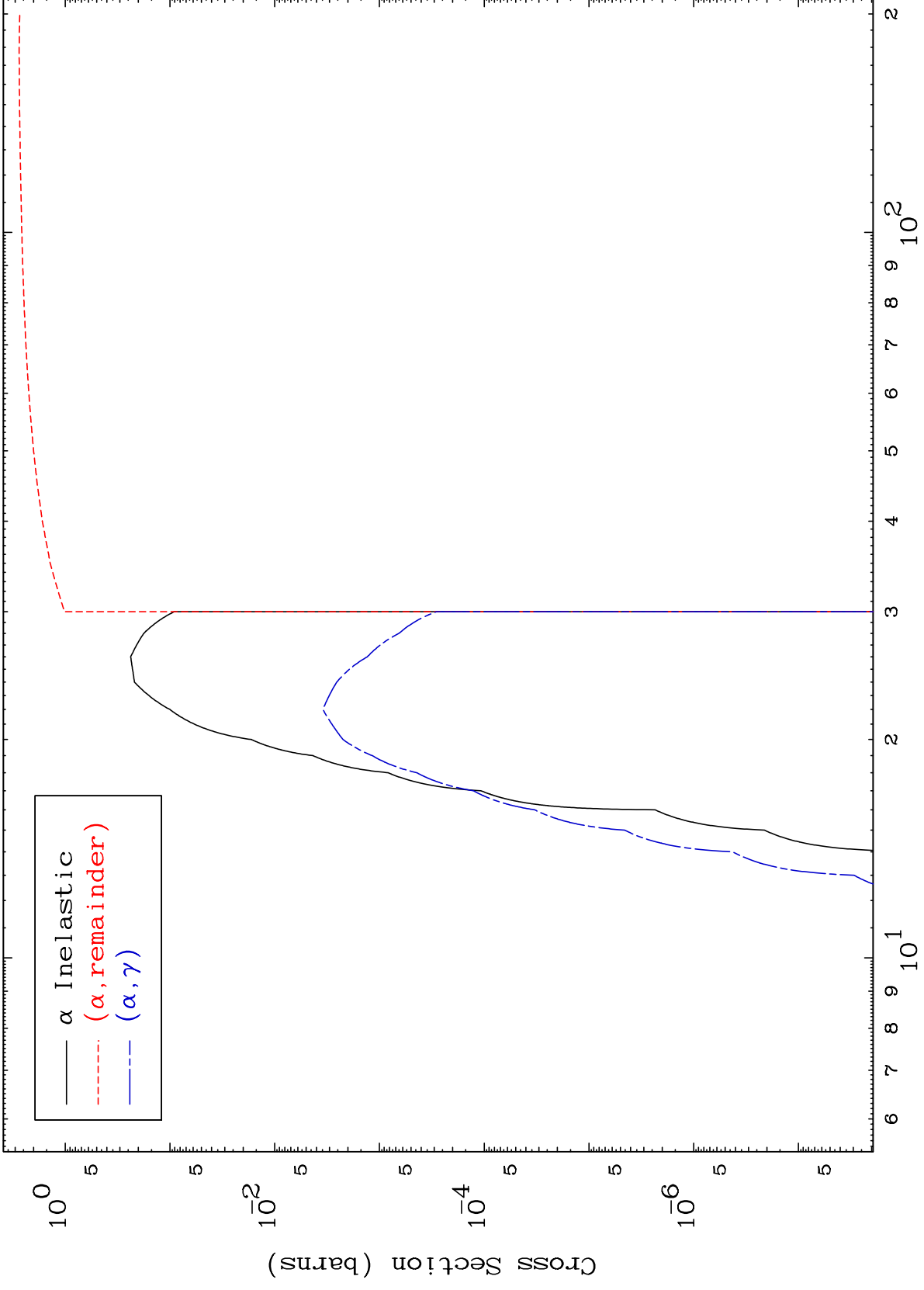
Press Mouse Button to Start

MAT 8293

α Major

83-Bi-198

0 Kelvin Cross Sections

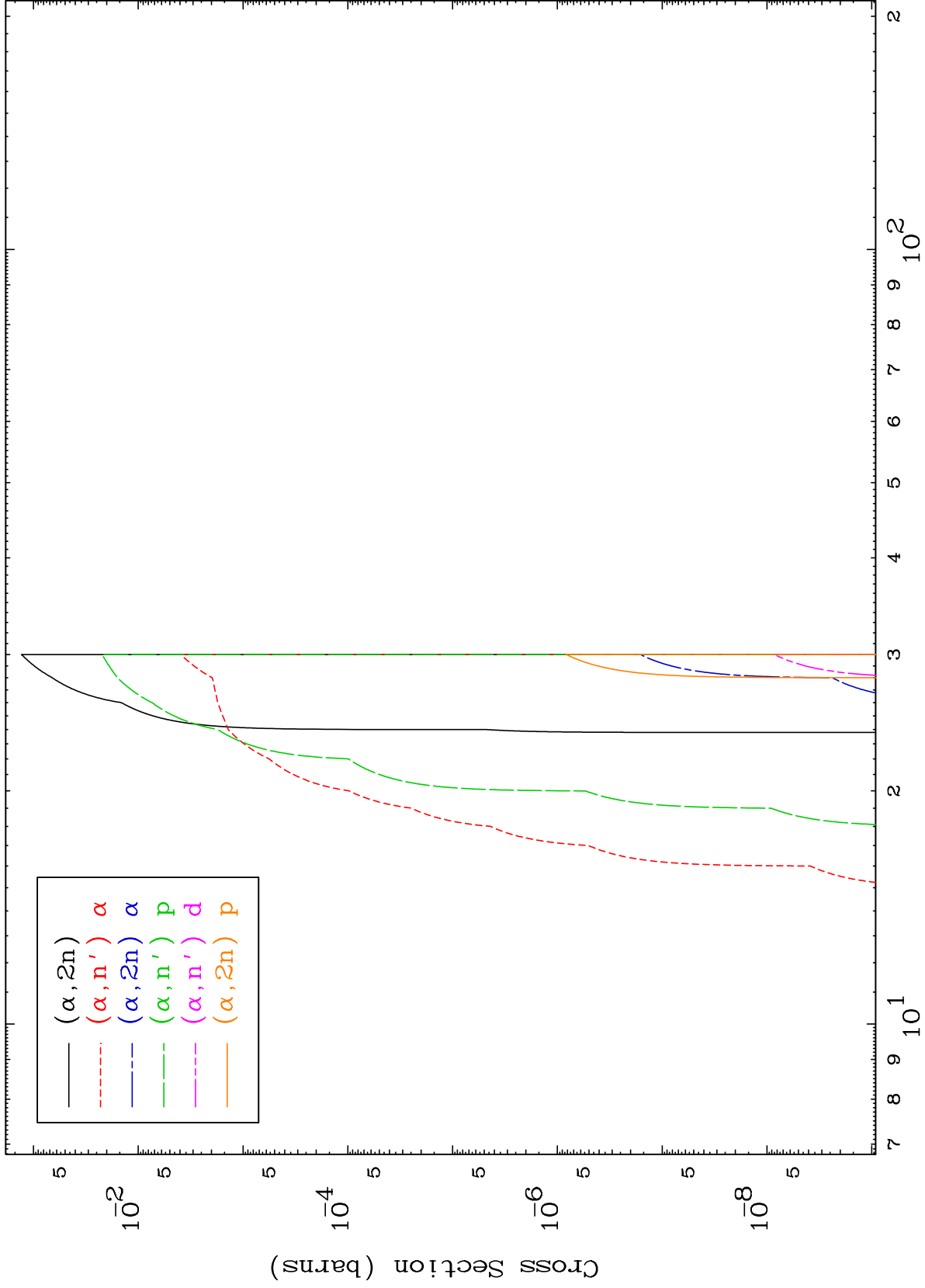


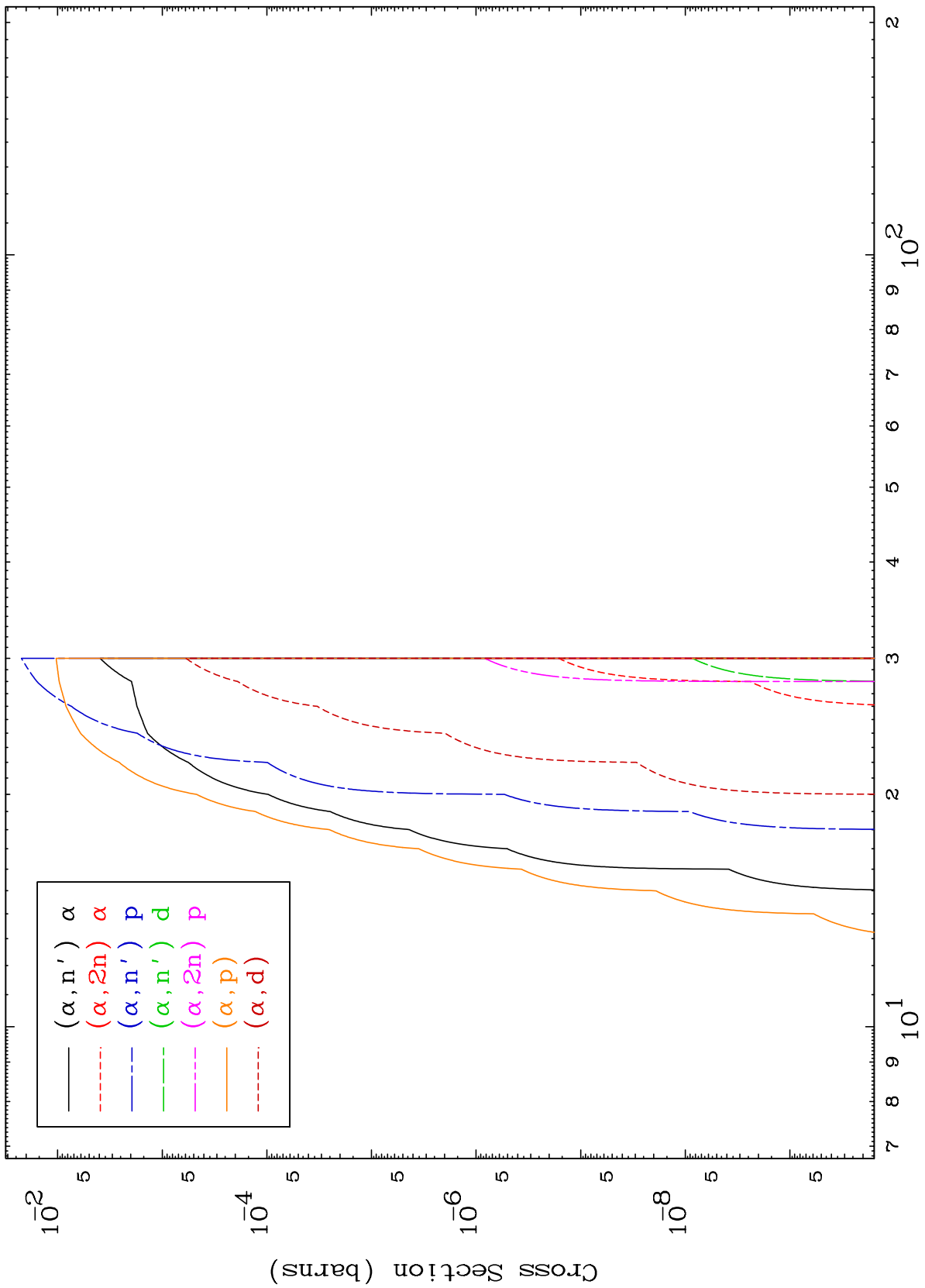
α Inelastic
(α , remainder)
(α , γ)

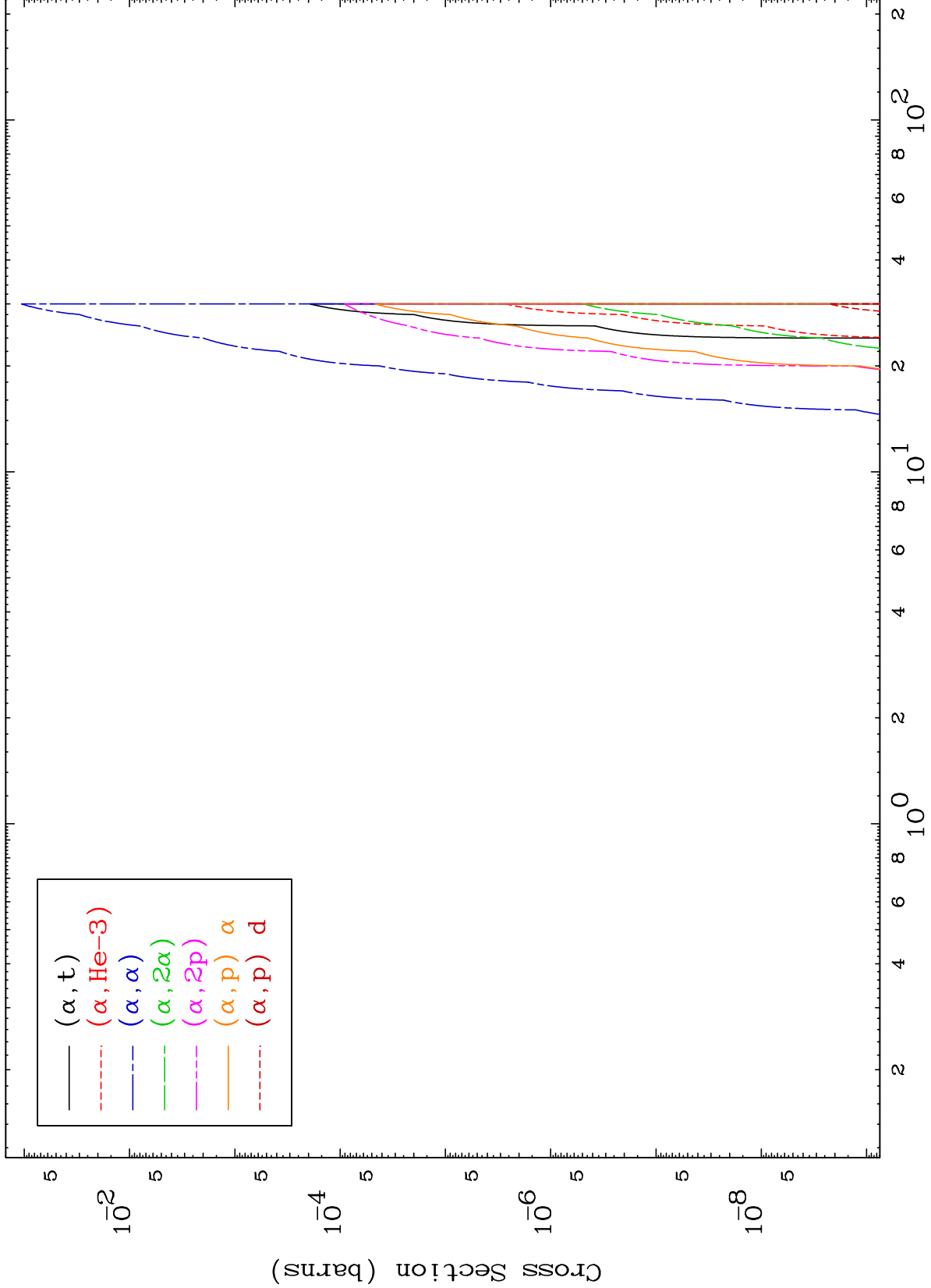
1

Incident Energy (MeV)

83-Bi-198



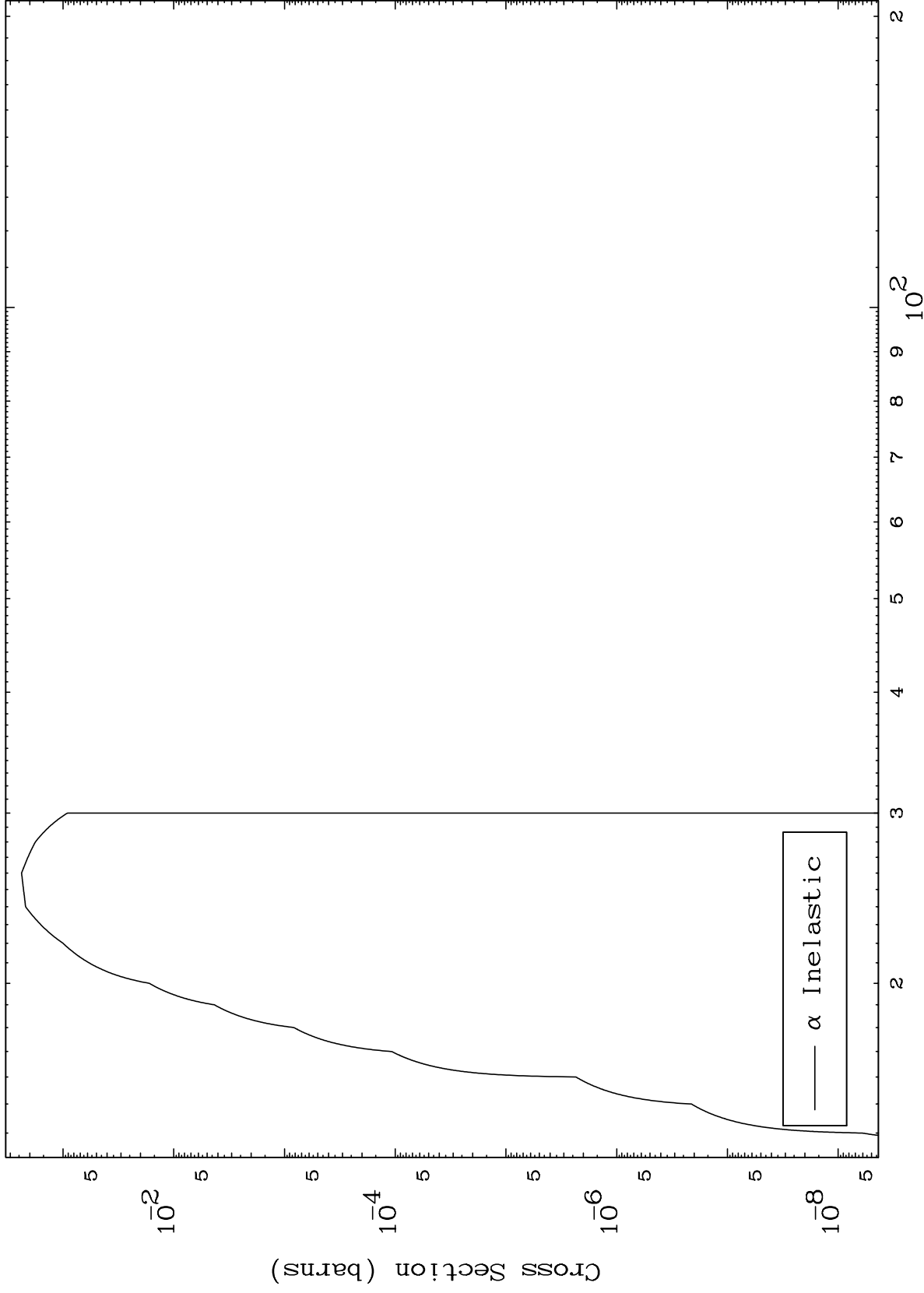




MAT 8293

(α, n') Level
0 Kelvin Cross Sections

83-Bi-198



5

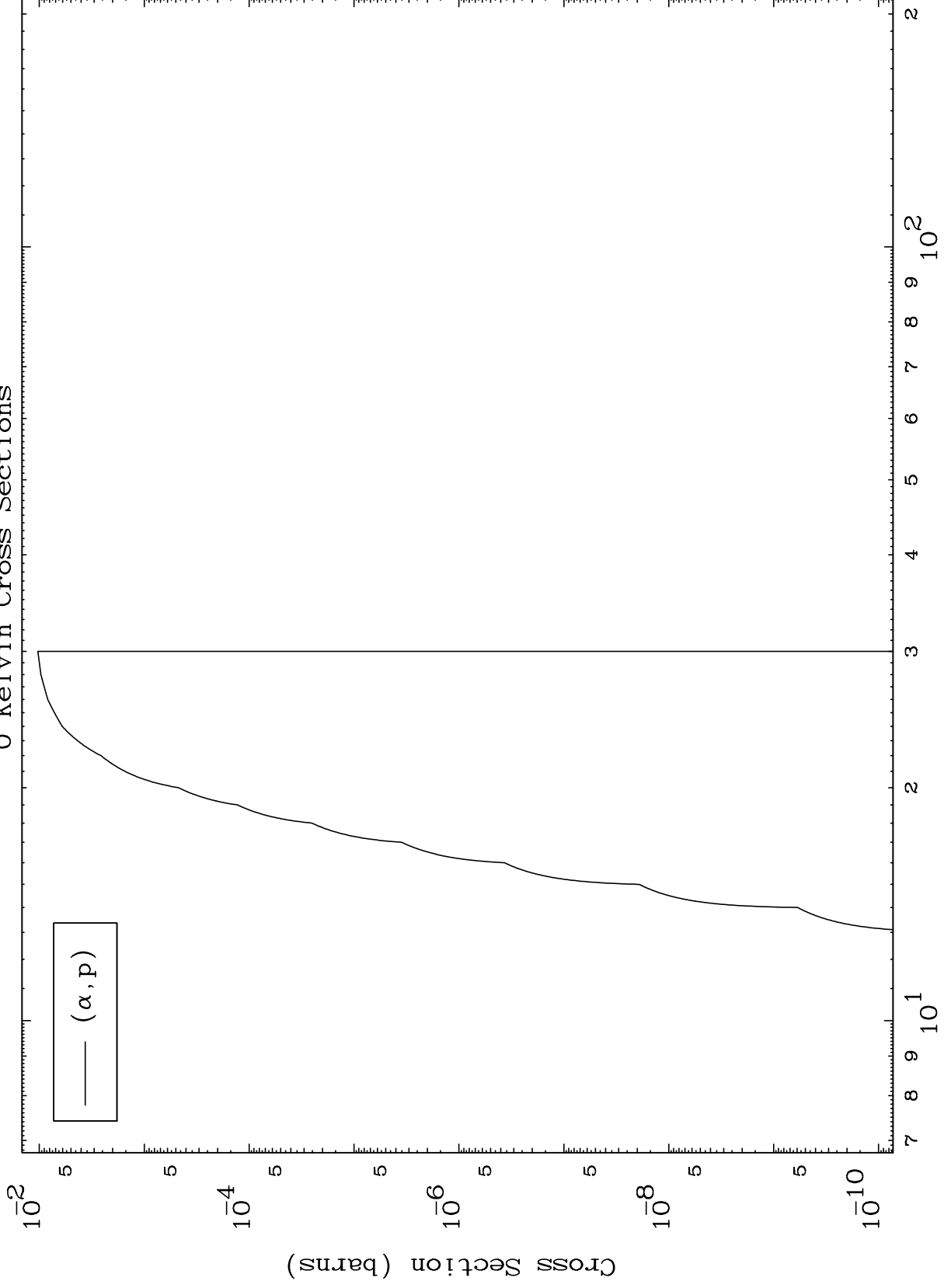
Incident Energy (MeV)

83-Bi-198

MAT 8293

(α, p) Levels
0 Kelvin Cross Sections

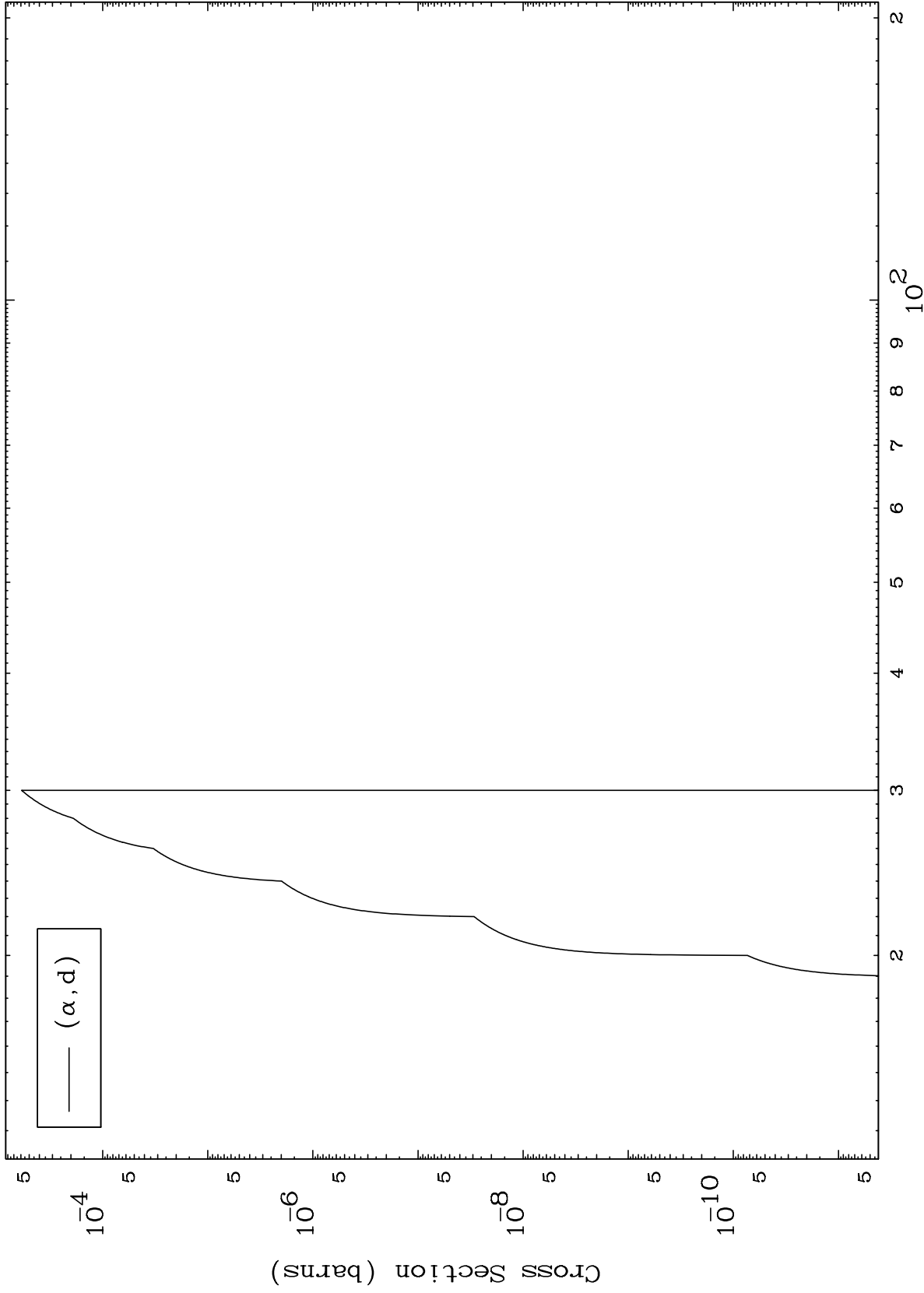
83-Bi-198

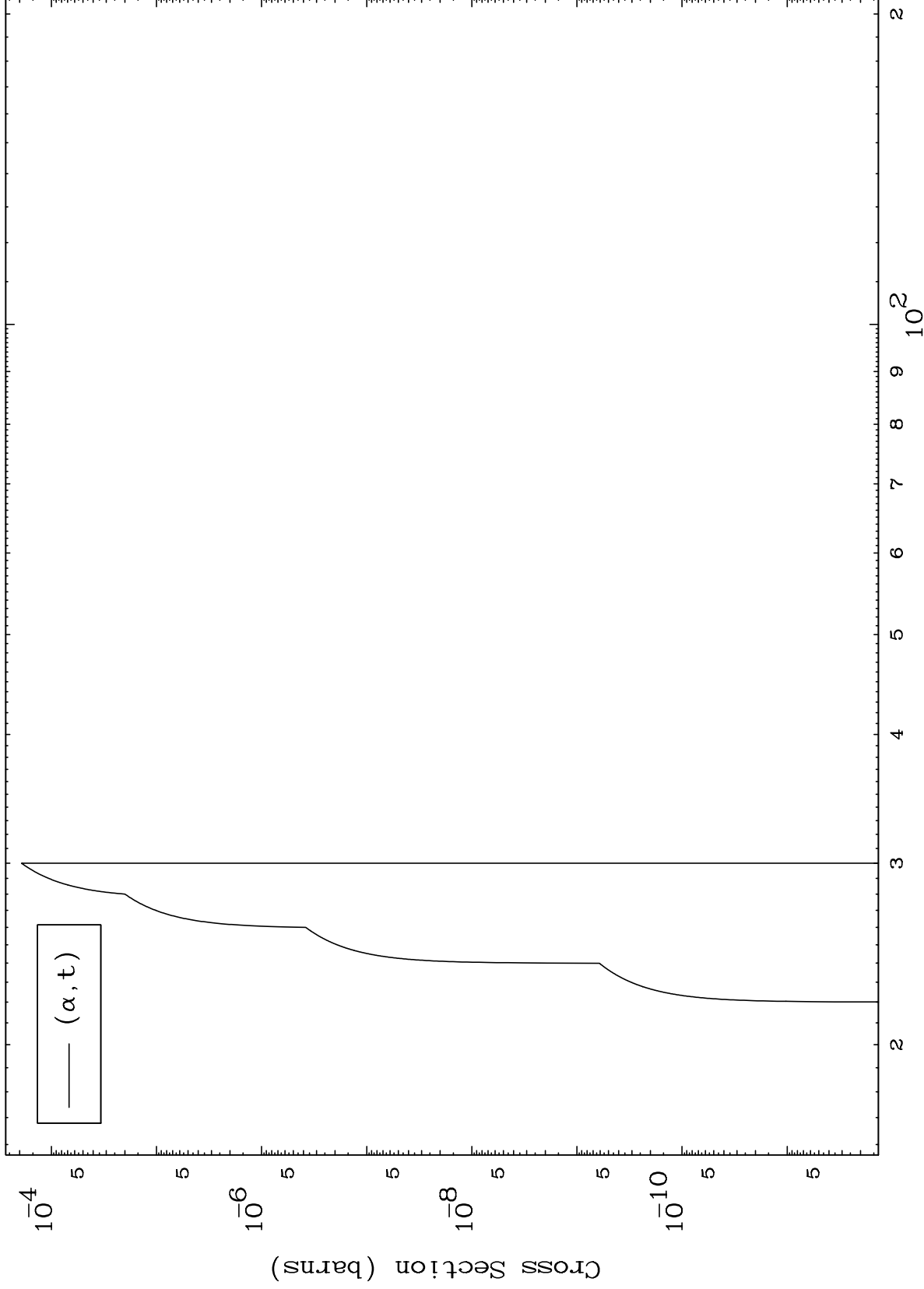


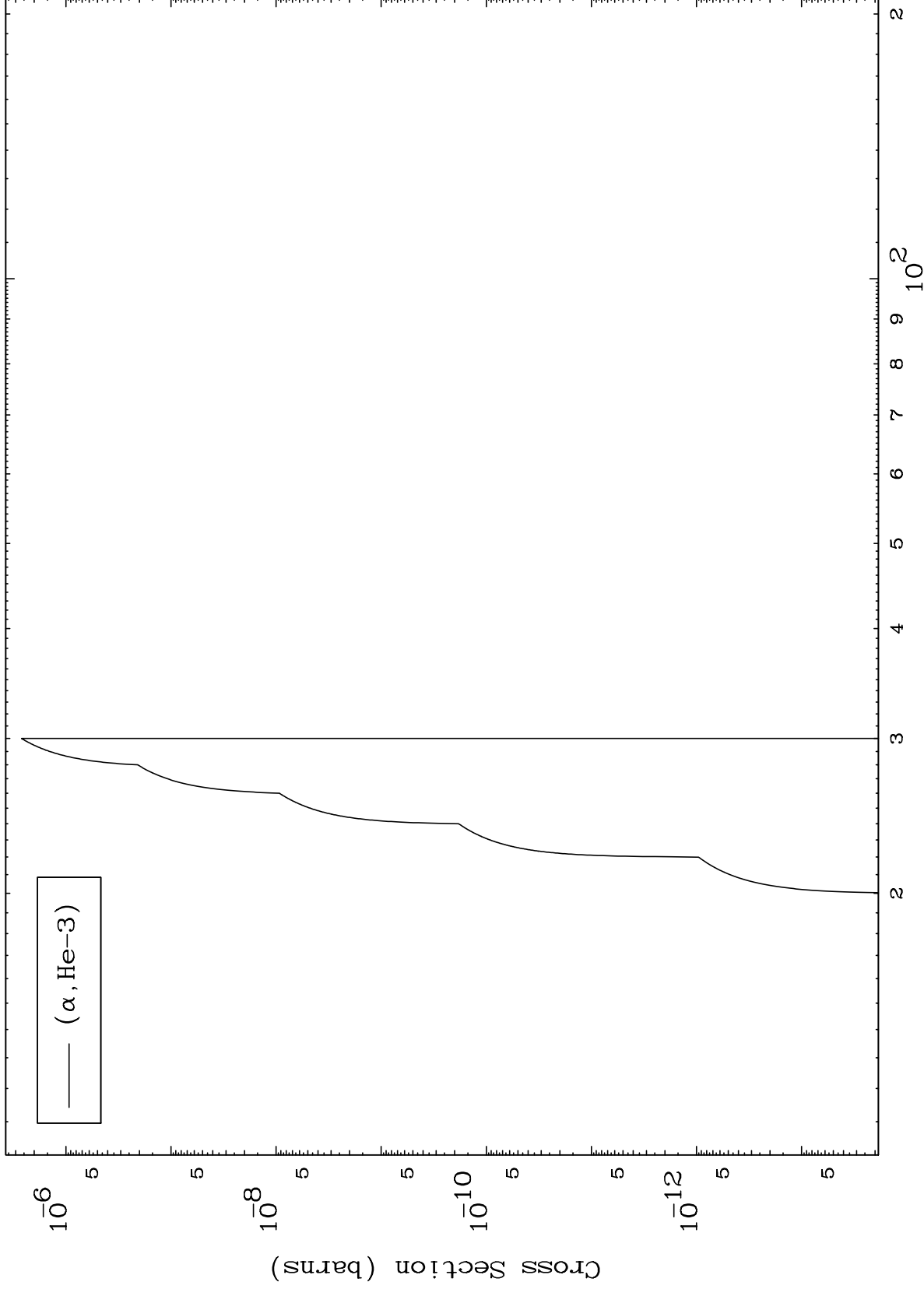
6

Incident Energy (MeV)

83-Bi-198





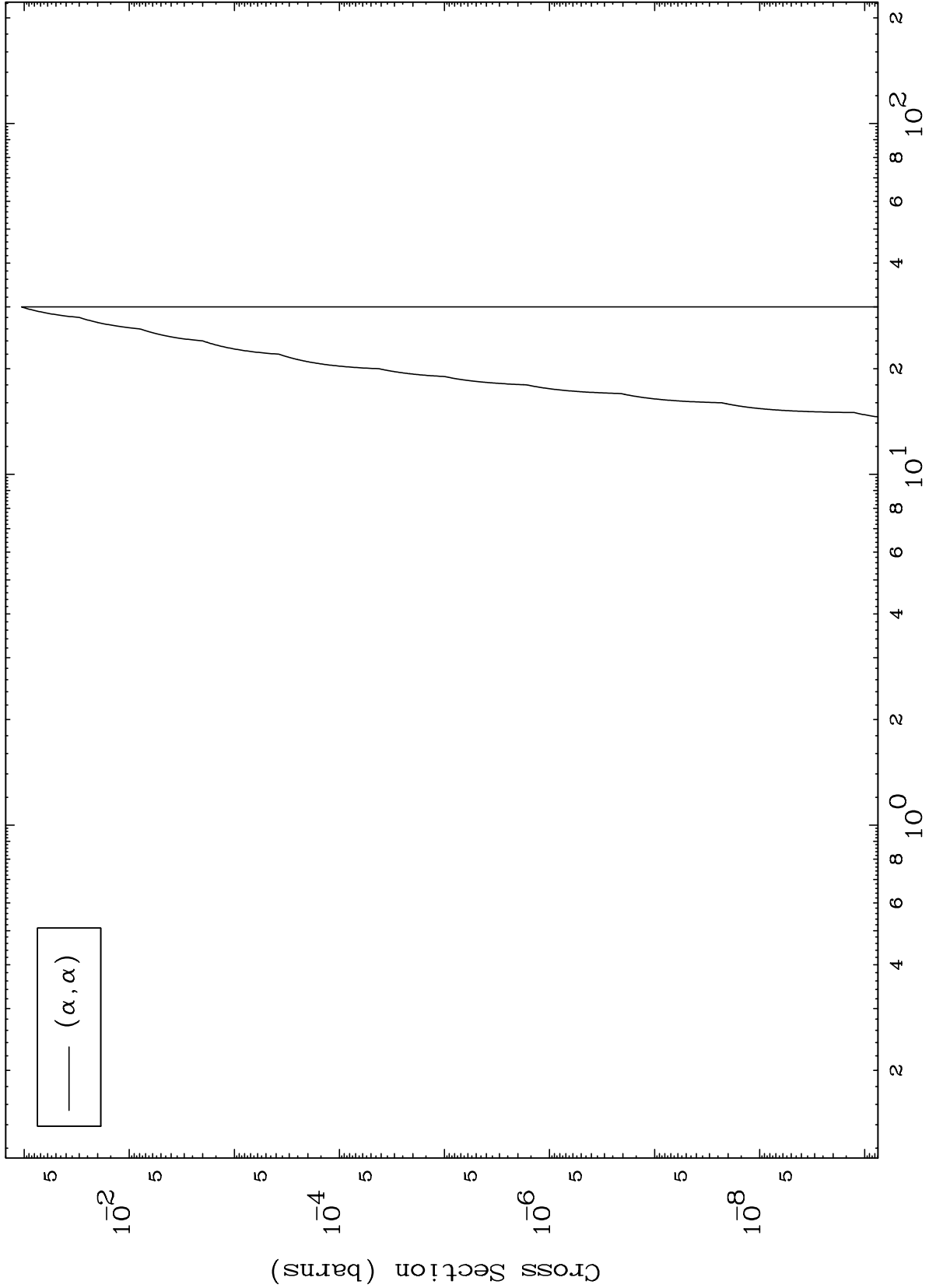


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(α, α) Levels

83-Bi-198

0 Kelvin Cross Sections

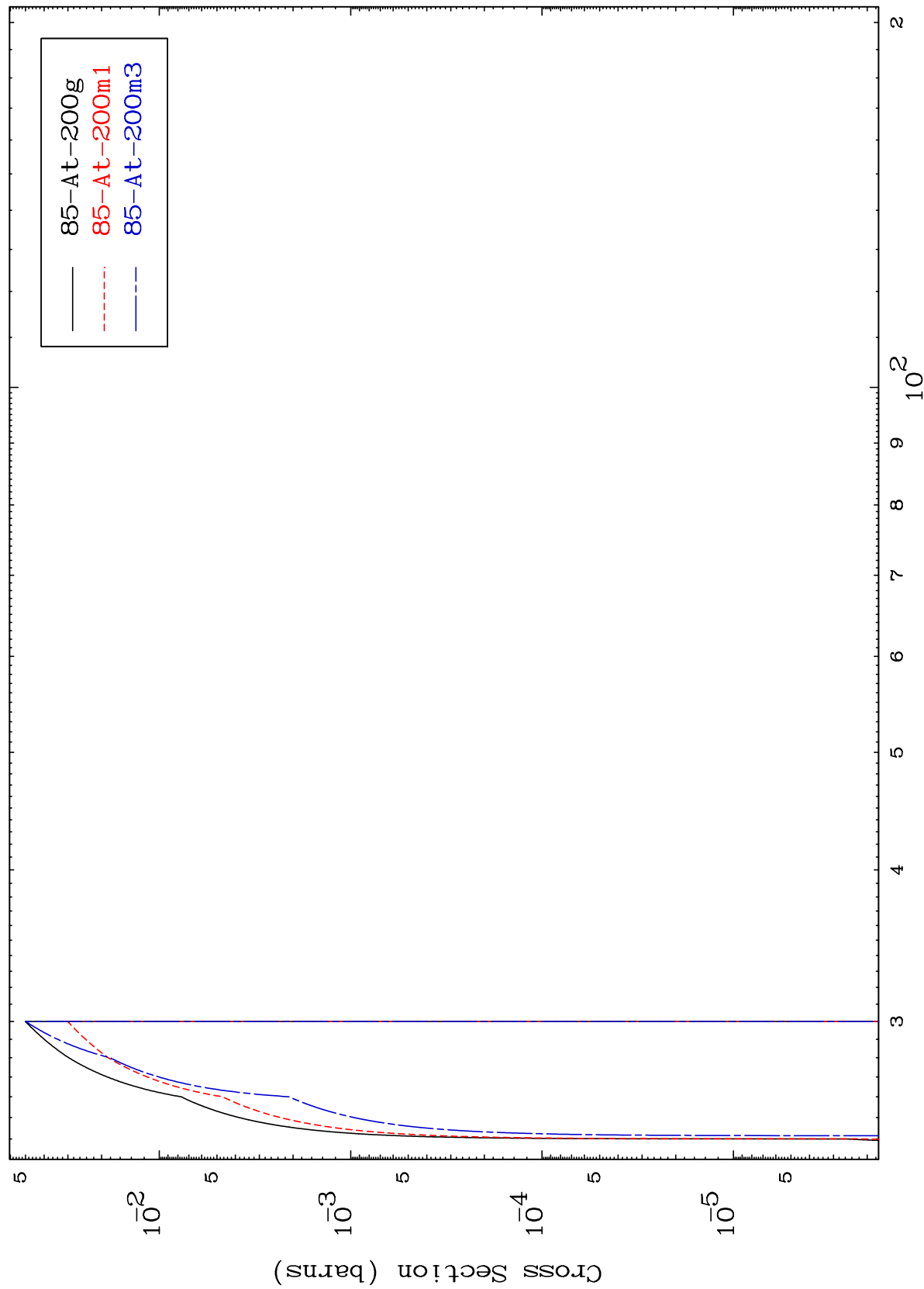


10

Incident Energy (MeV)

83-Bi-198

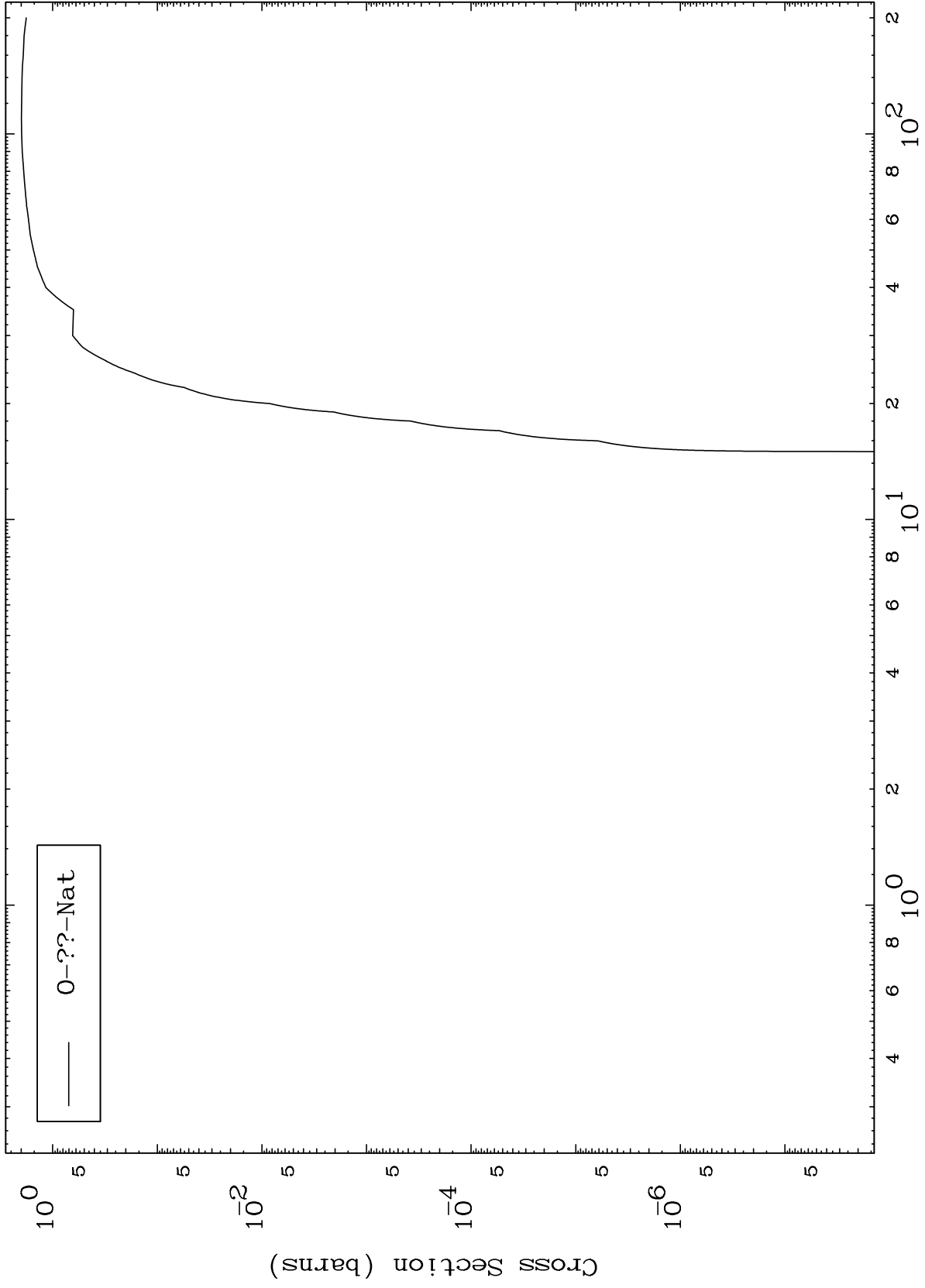
Radionuclide Production Cross Section
($\alpha, 2n$)



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83-Bi-198

α Fission
Radionuclide Production Cross Section



12

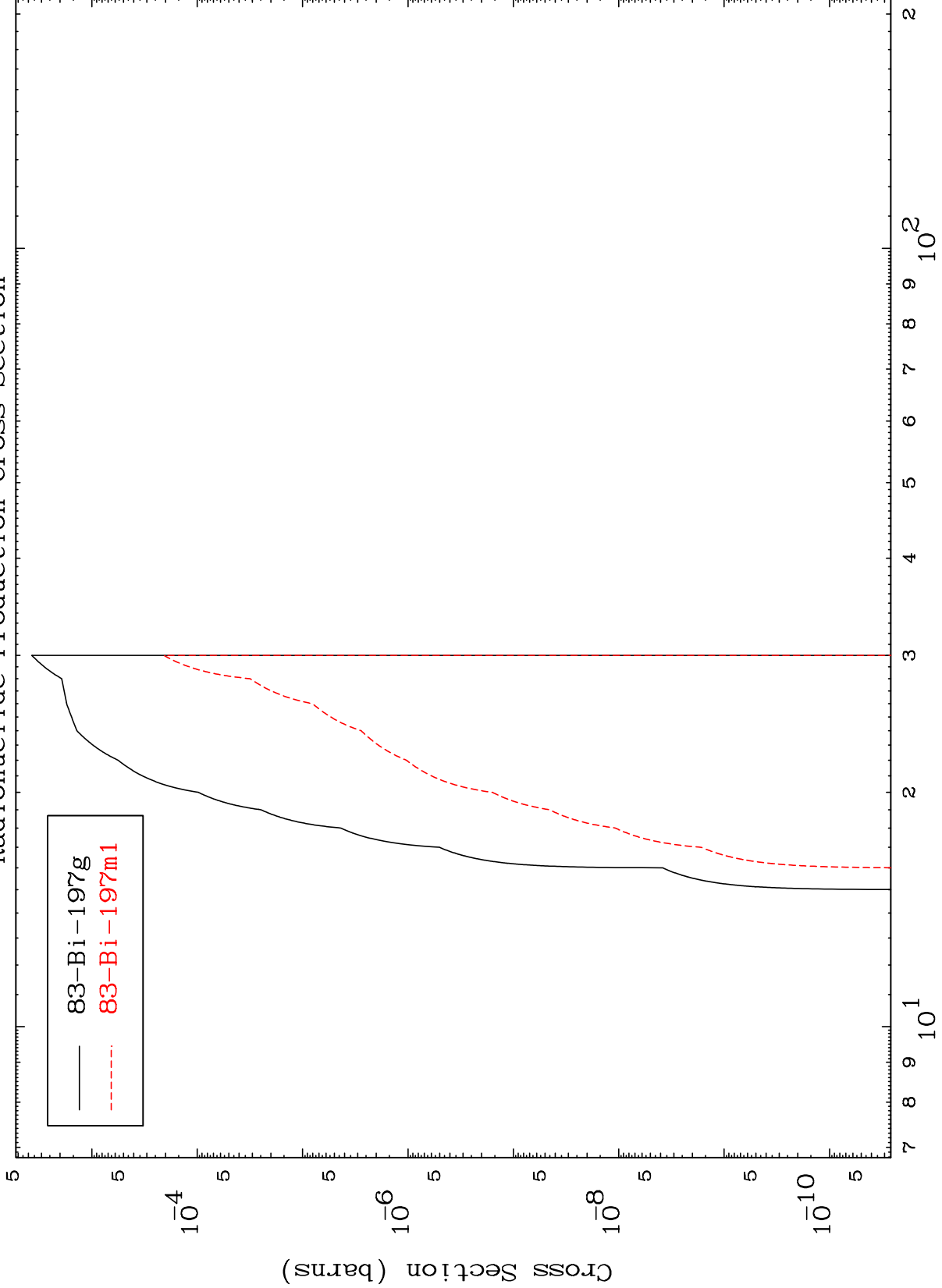
83-Bi-198

MAT 8293

83-Bi-198

(α, n') α

Radionuclide Production Cross Section



83-Bi-197g
83-Bi-197m1

83-Bi-198

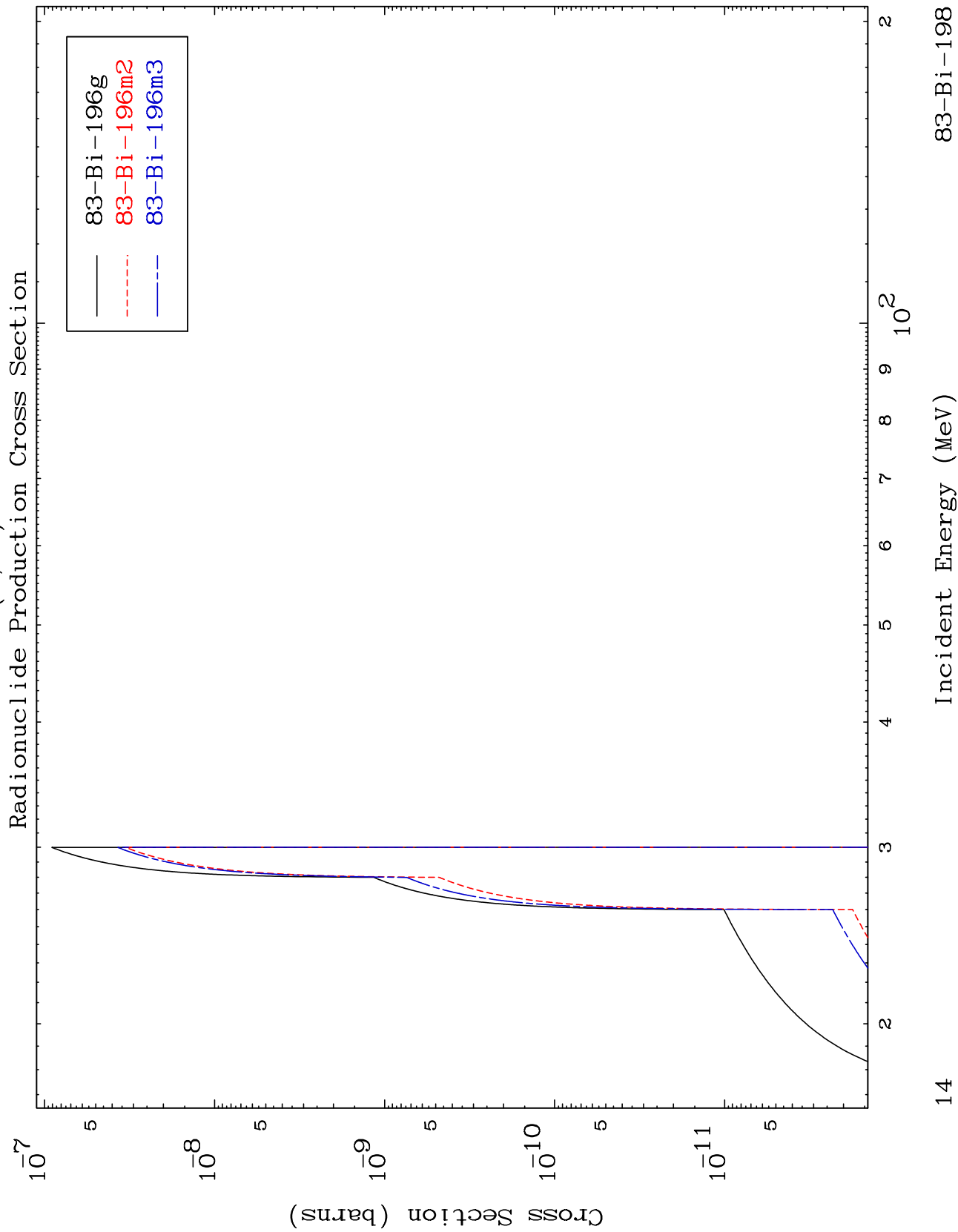
Incident Energy (MeV)

13

MAT 8293

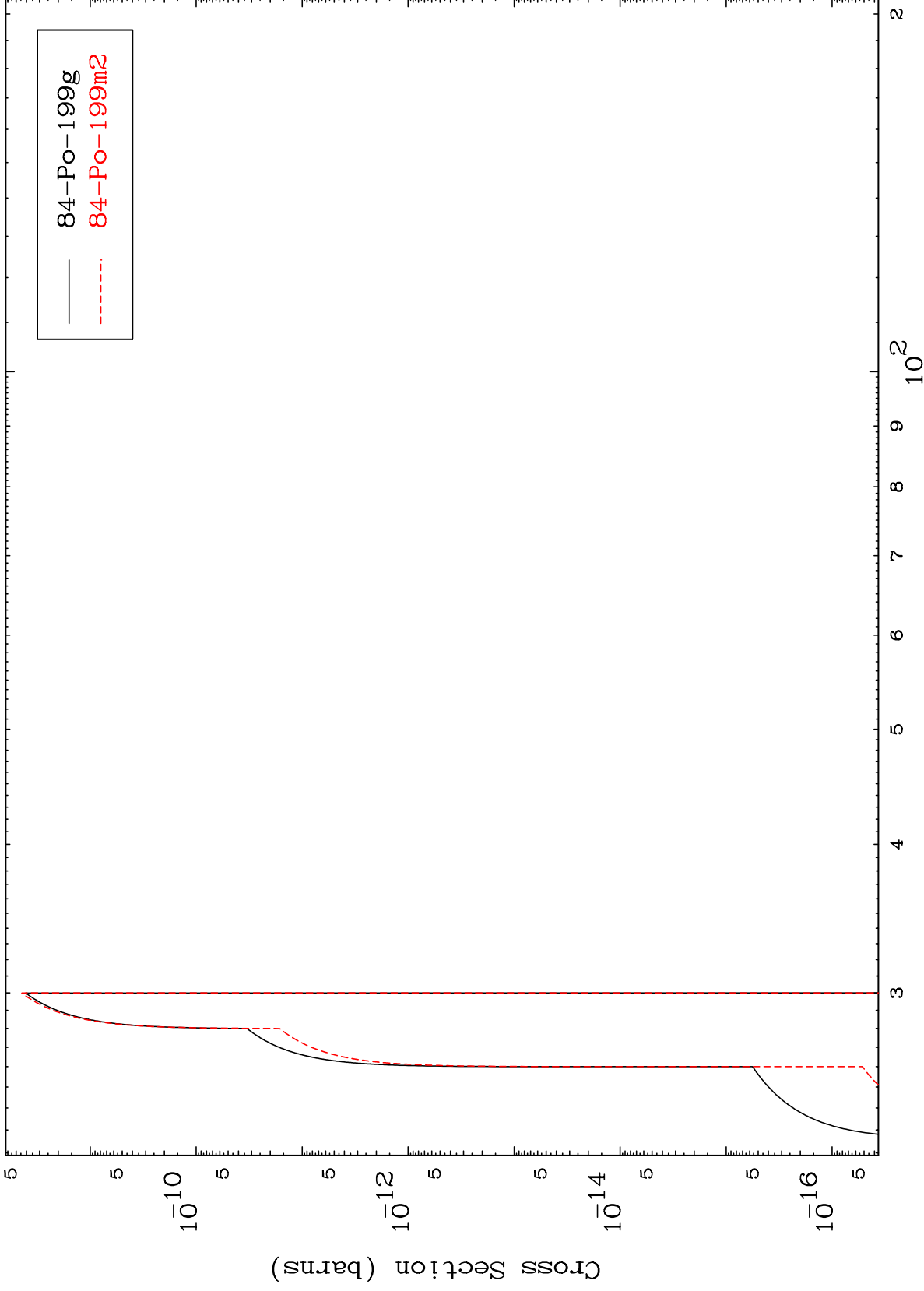
$(\alpha, 2n)$ α

83-Bi-198

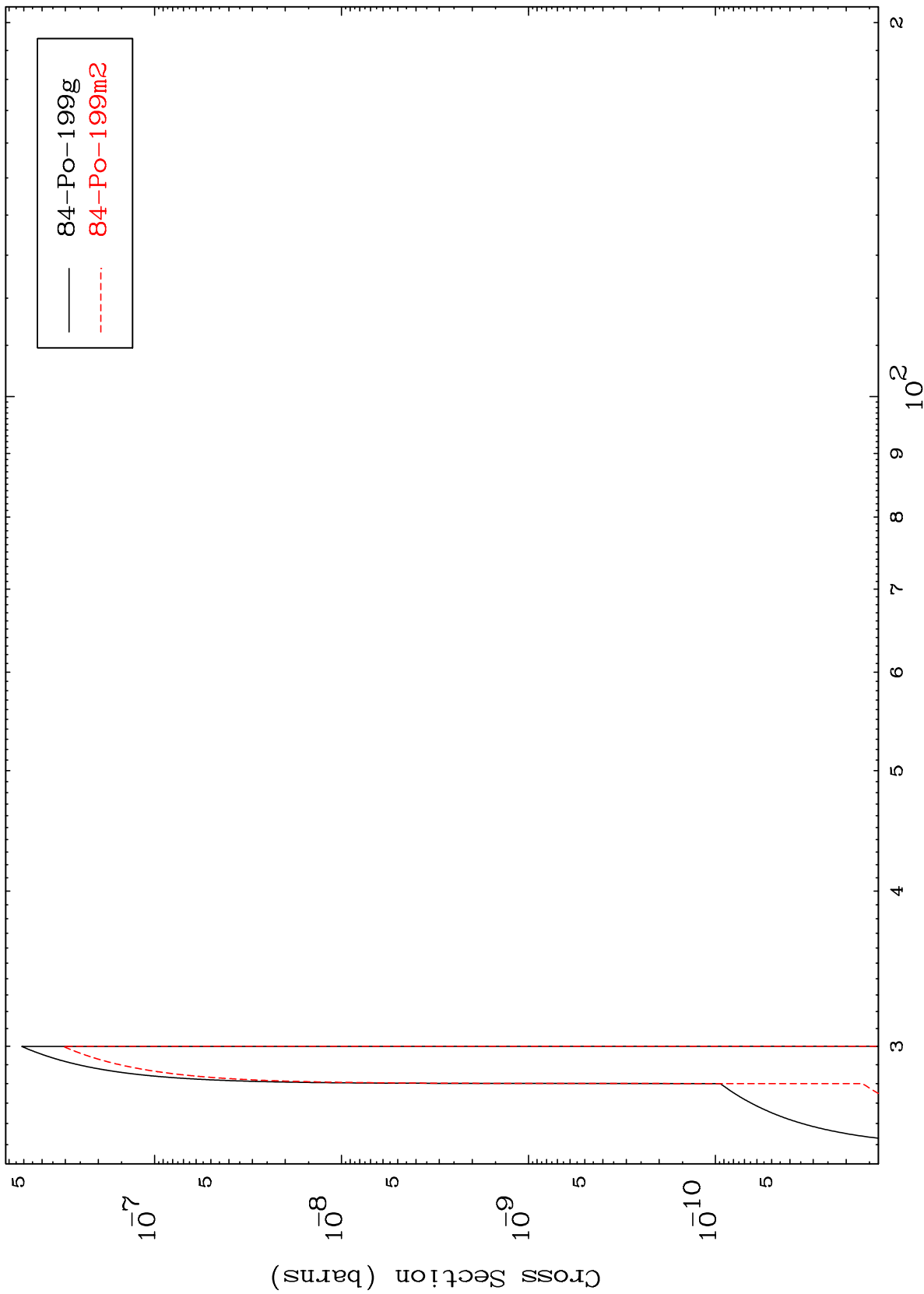


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Radionuclide Production Cross Section



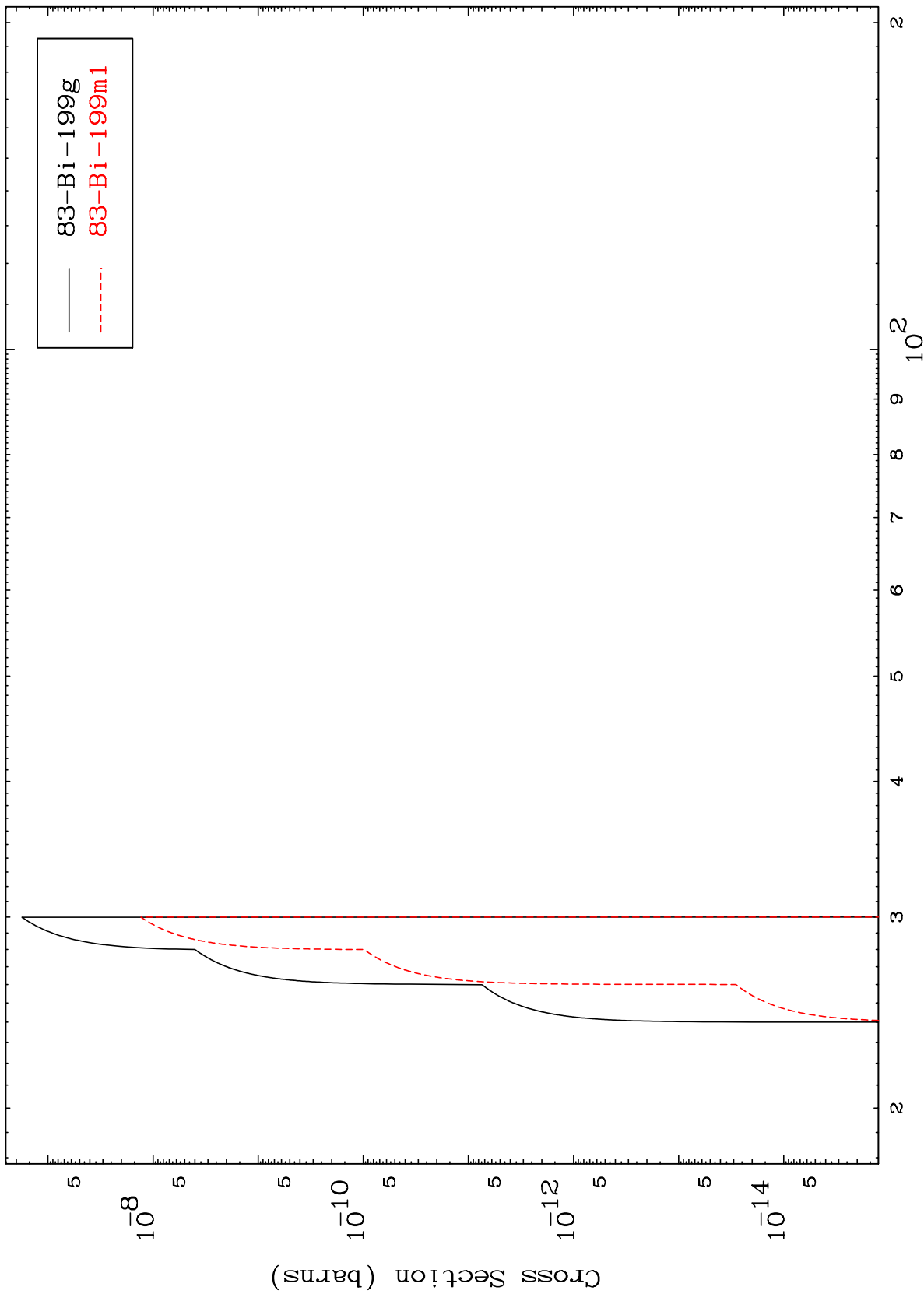
($\alpha, 2n$) p
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

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



17

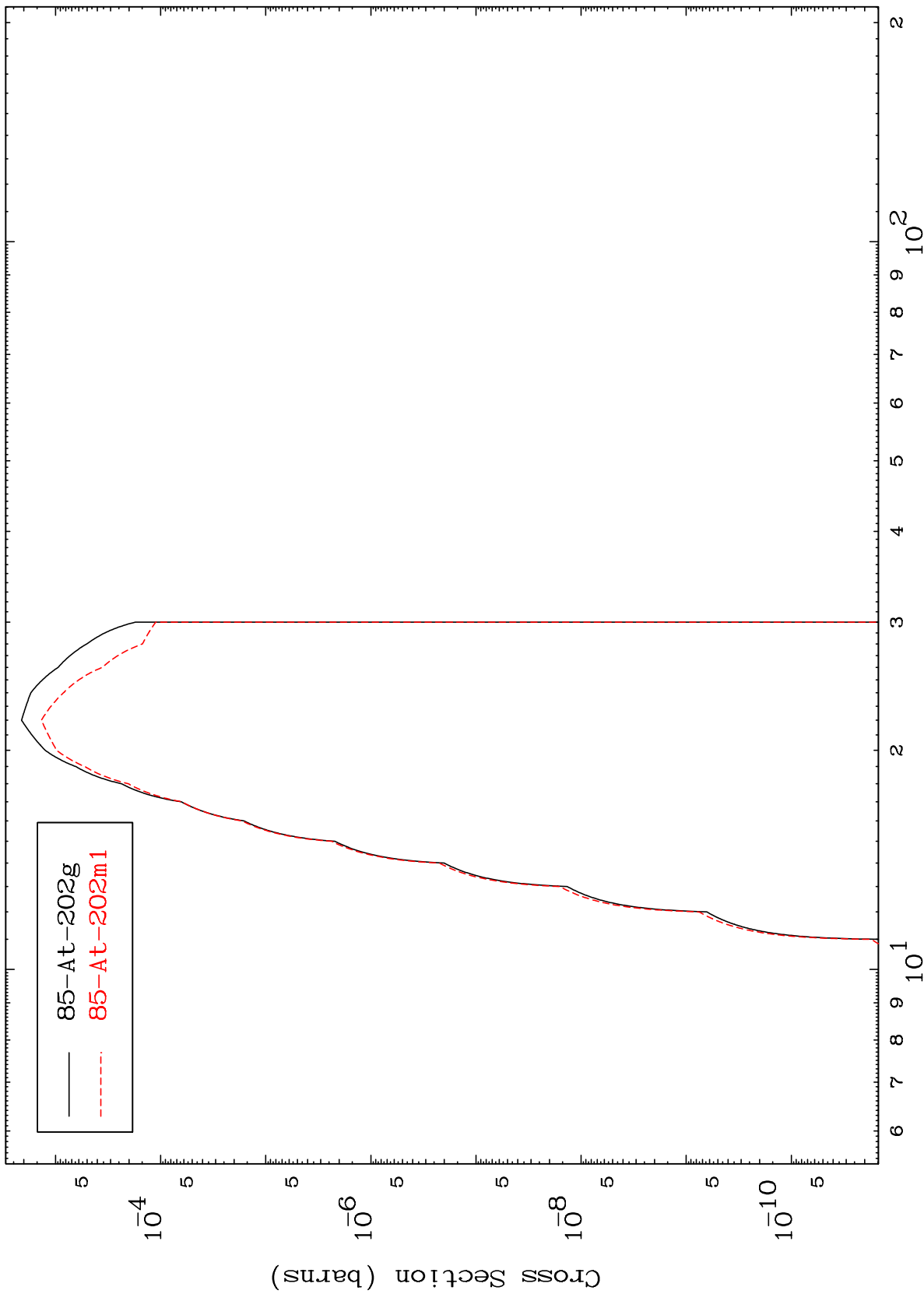
83-Bi-198

Incident Energy (MeV)

MAT 8293

83-Bi-198

(α, γ)
Radionuclide Production Cross Section



85-At-202g
85-At-202m1

83-Bi-198

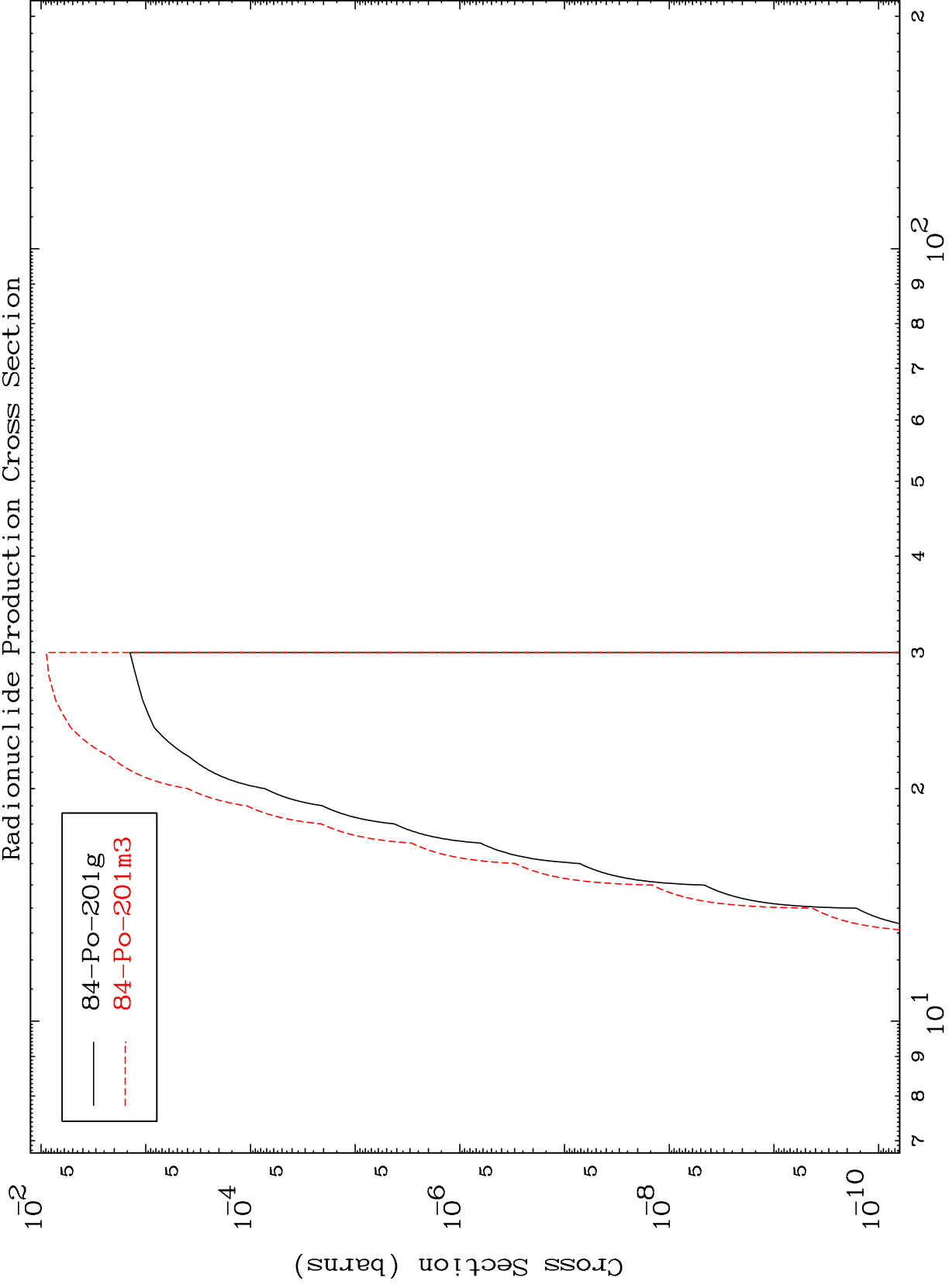
Incident Energy (MeV)

18

MAT 8293

83-Bi-198

(α, p)
Radionuclide Production Cross Section



19

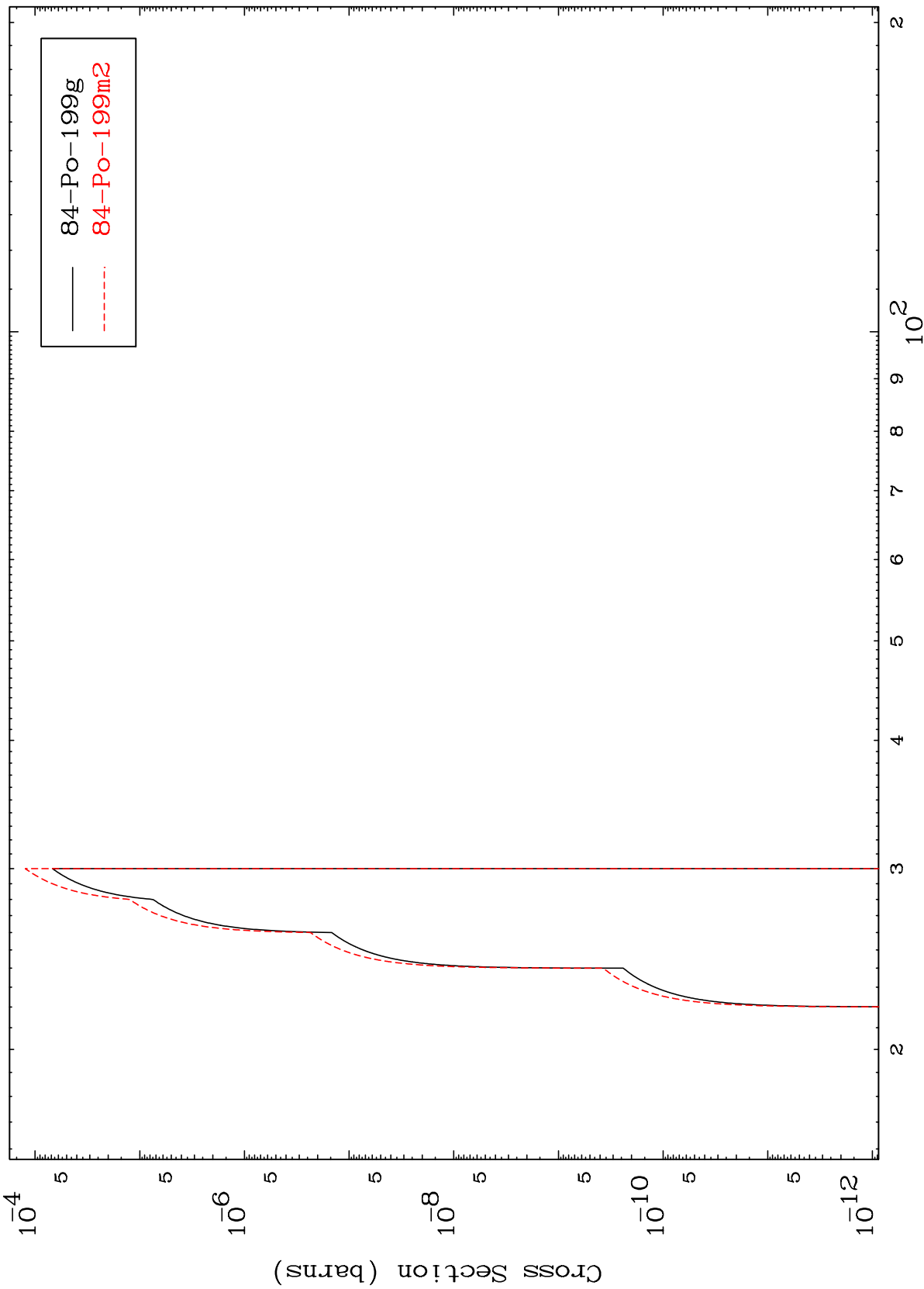
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

(α, t)
Radionuclide Production Cross Section



20

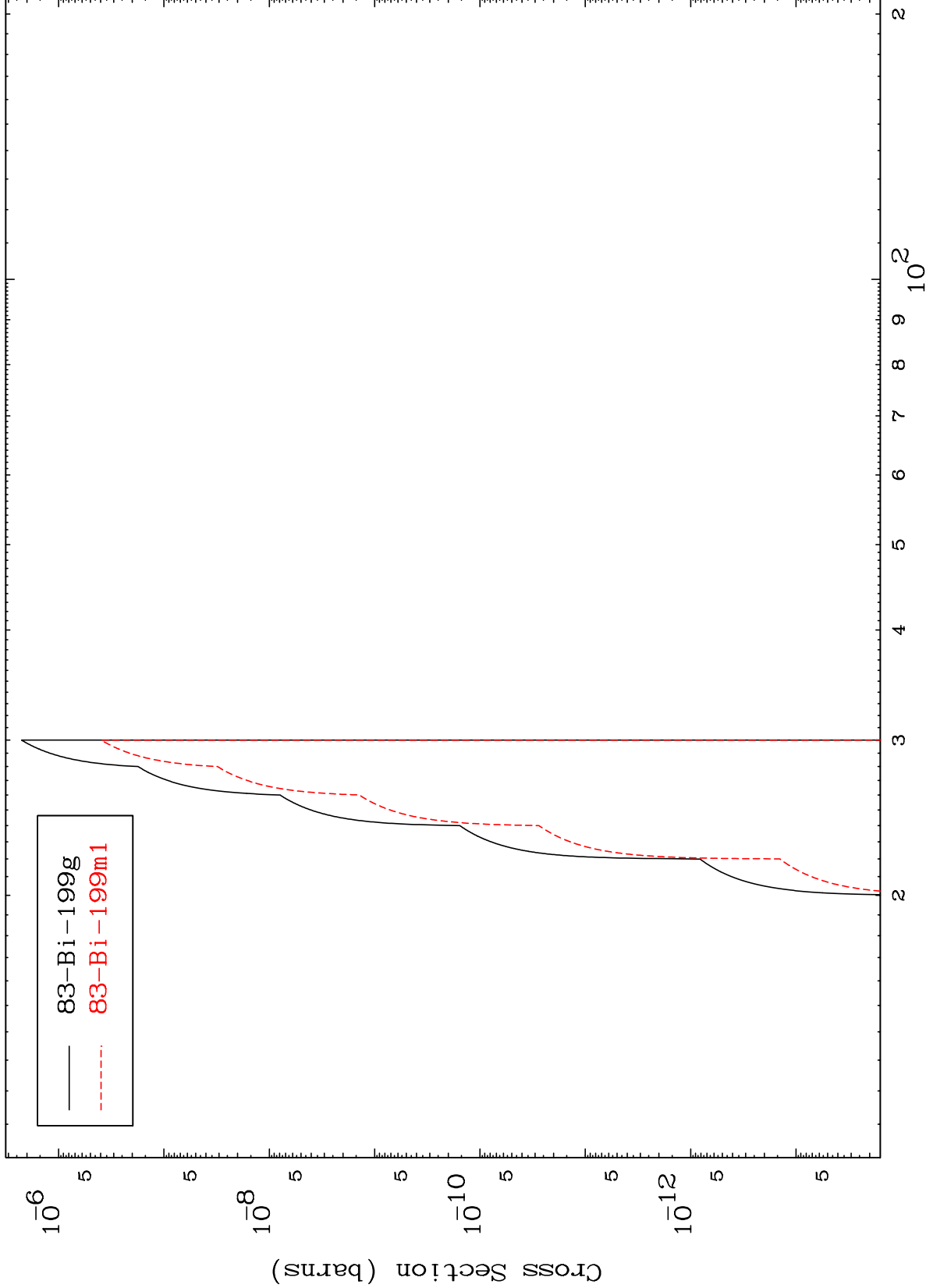
83-Bi-198

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

83-Bi-198

Radionuclide Production Cross Section

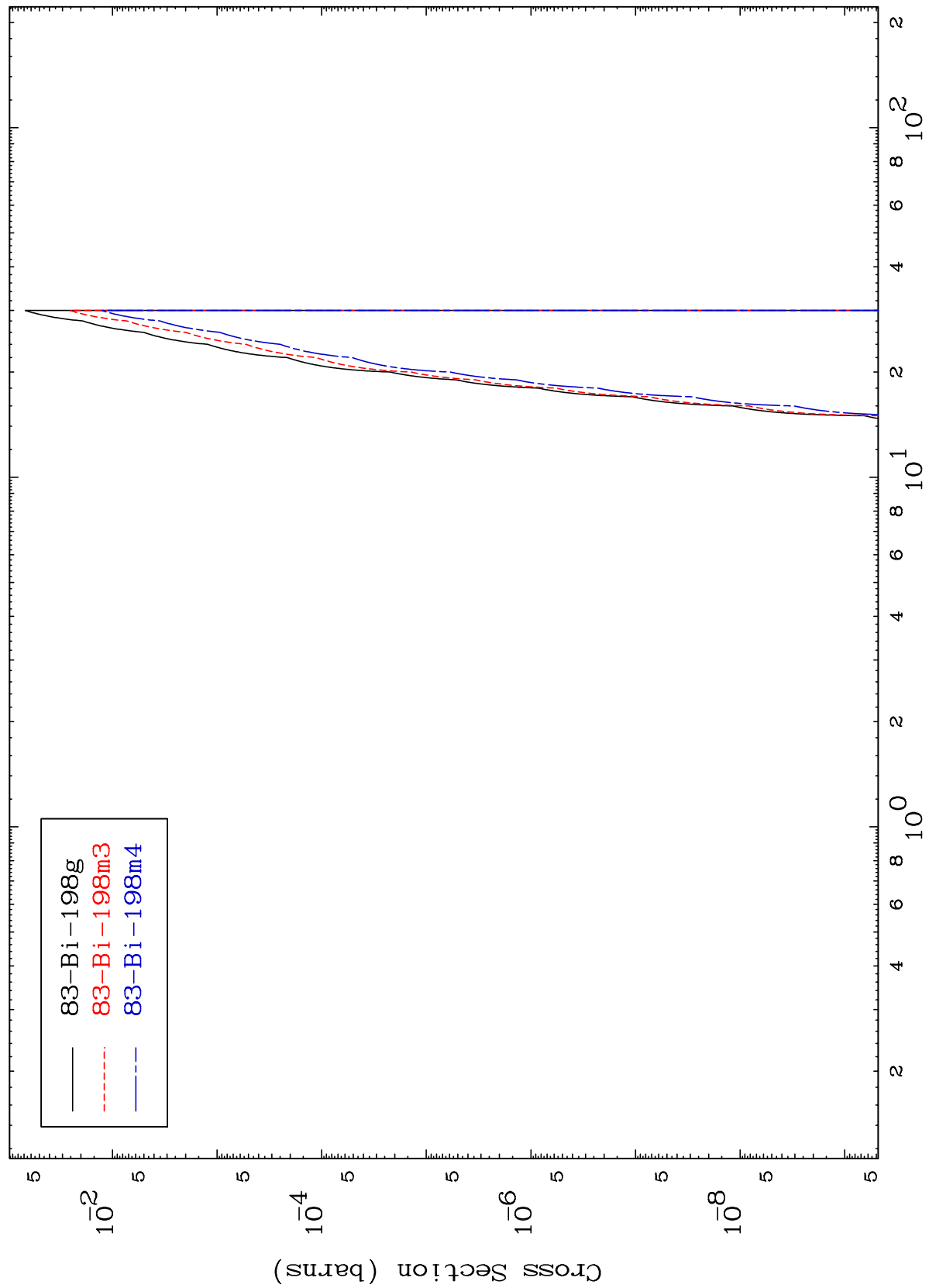


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83-Bi-198

(α, α)

Radionuclide Production Cross Section



83-Bi-198

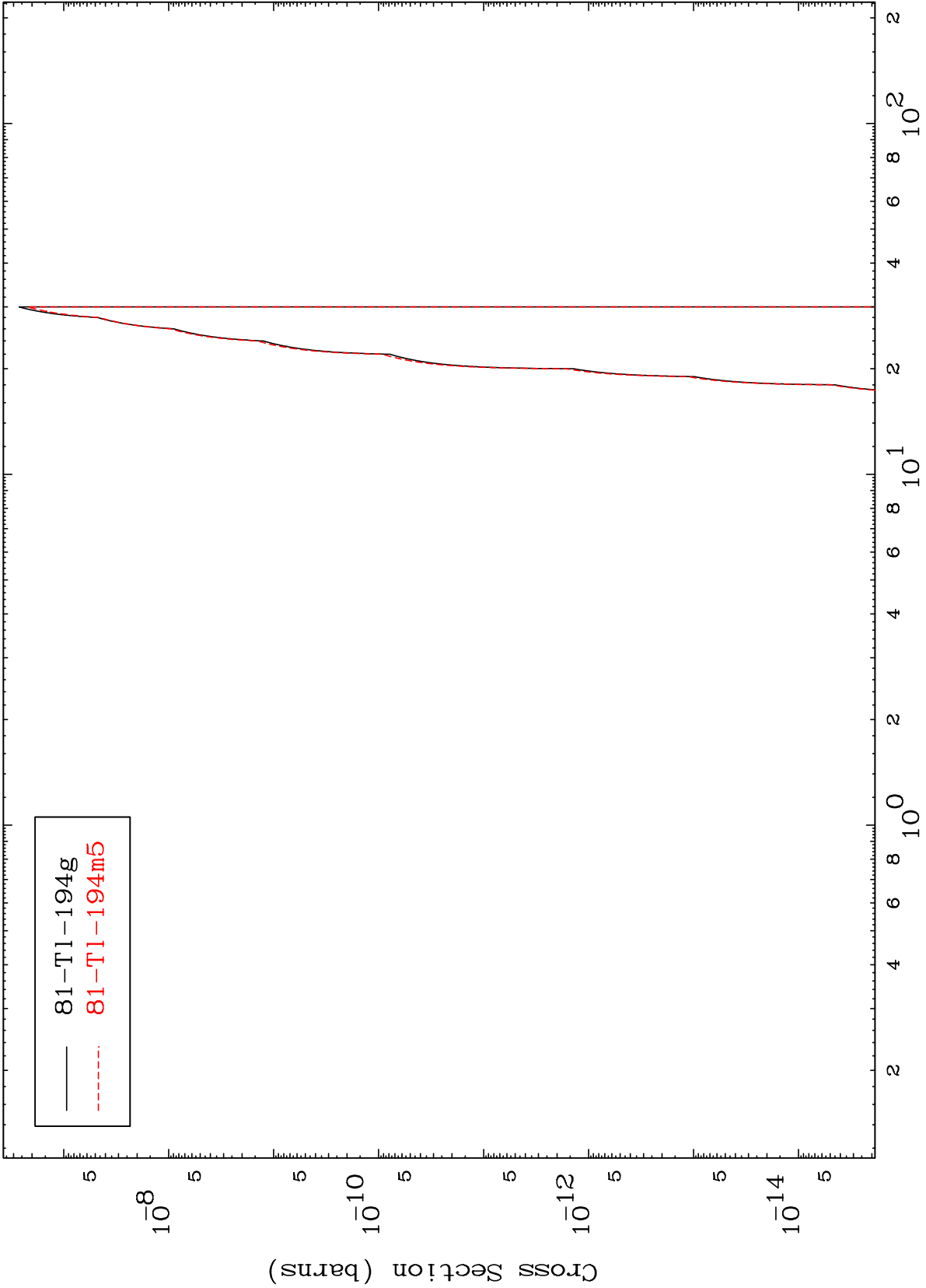
Incident Energy (MeV)

MAT 8293

($\alpha, 2\alpha$)

83-Bi-198

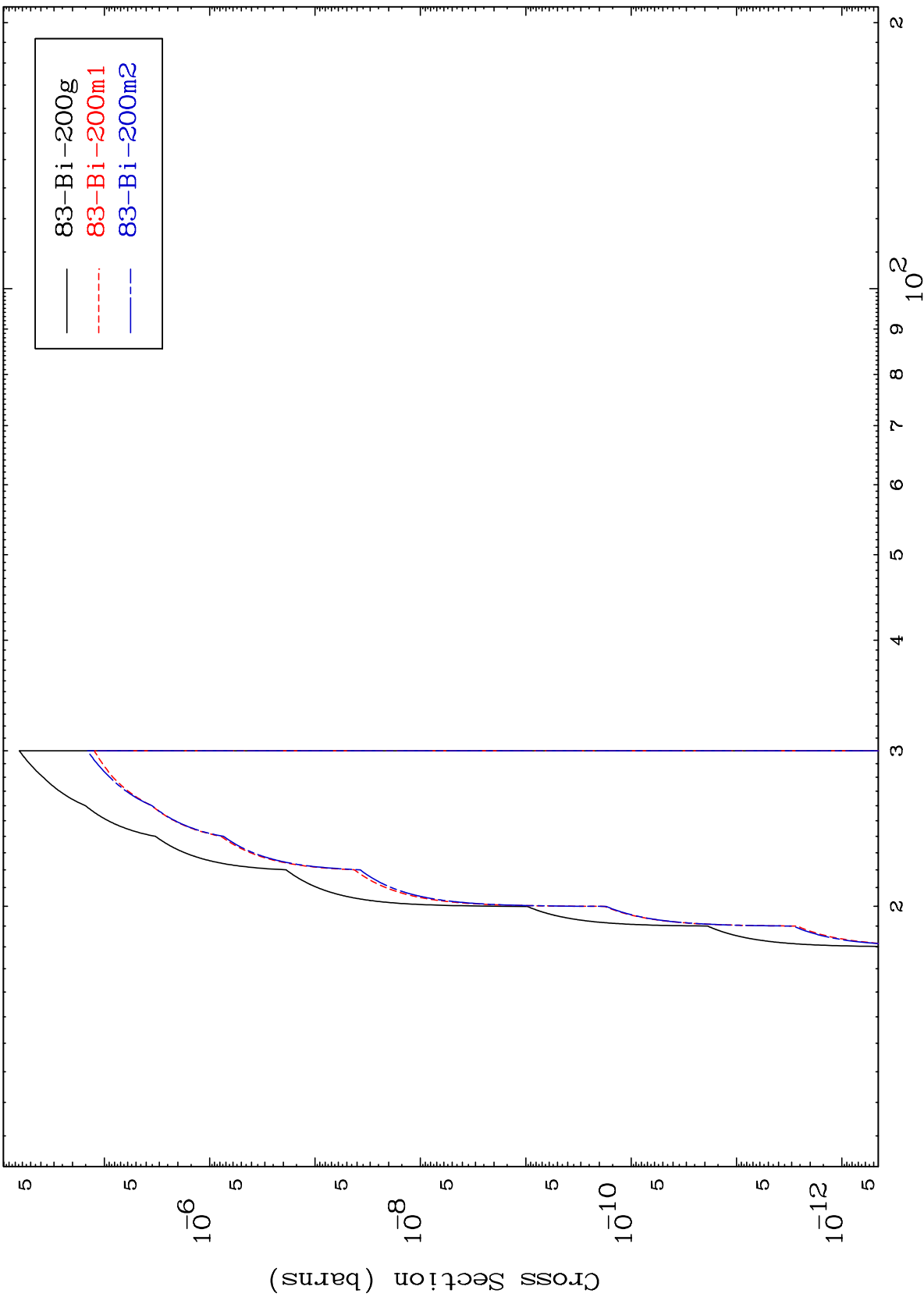
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

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



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83-Bi-198

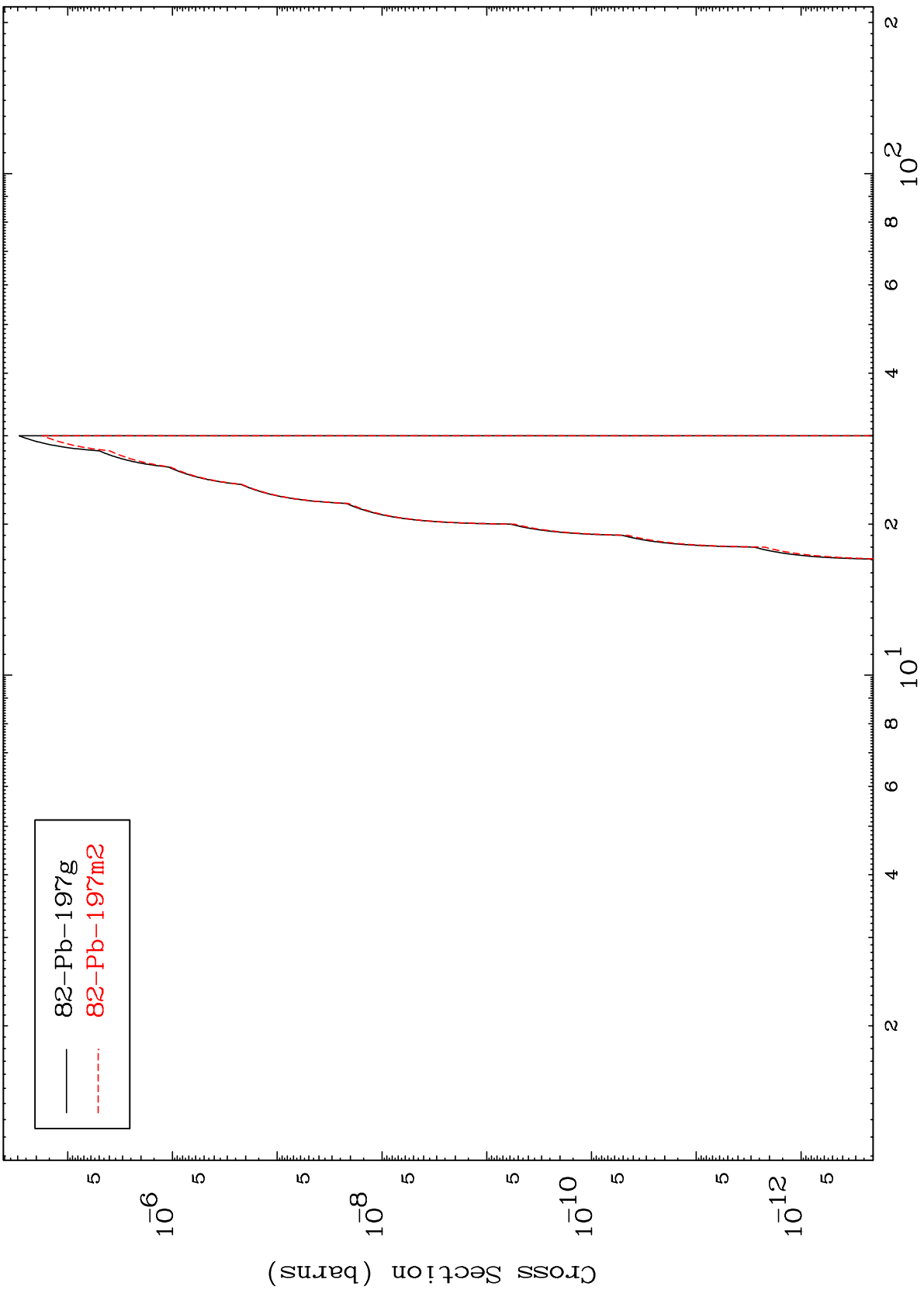
Incident Energy (MeV)

MAT 8293

(α, p) α

83-Bi-198

Radionuclide Production Cross Section



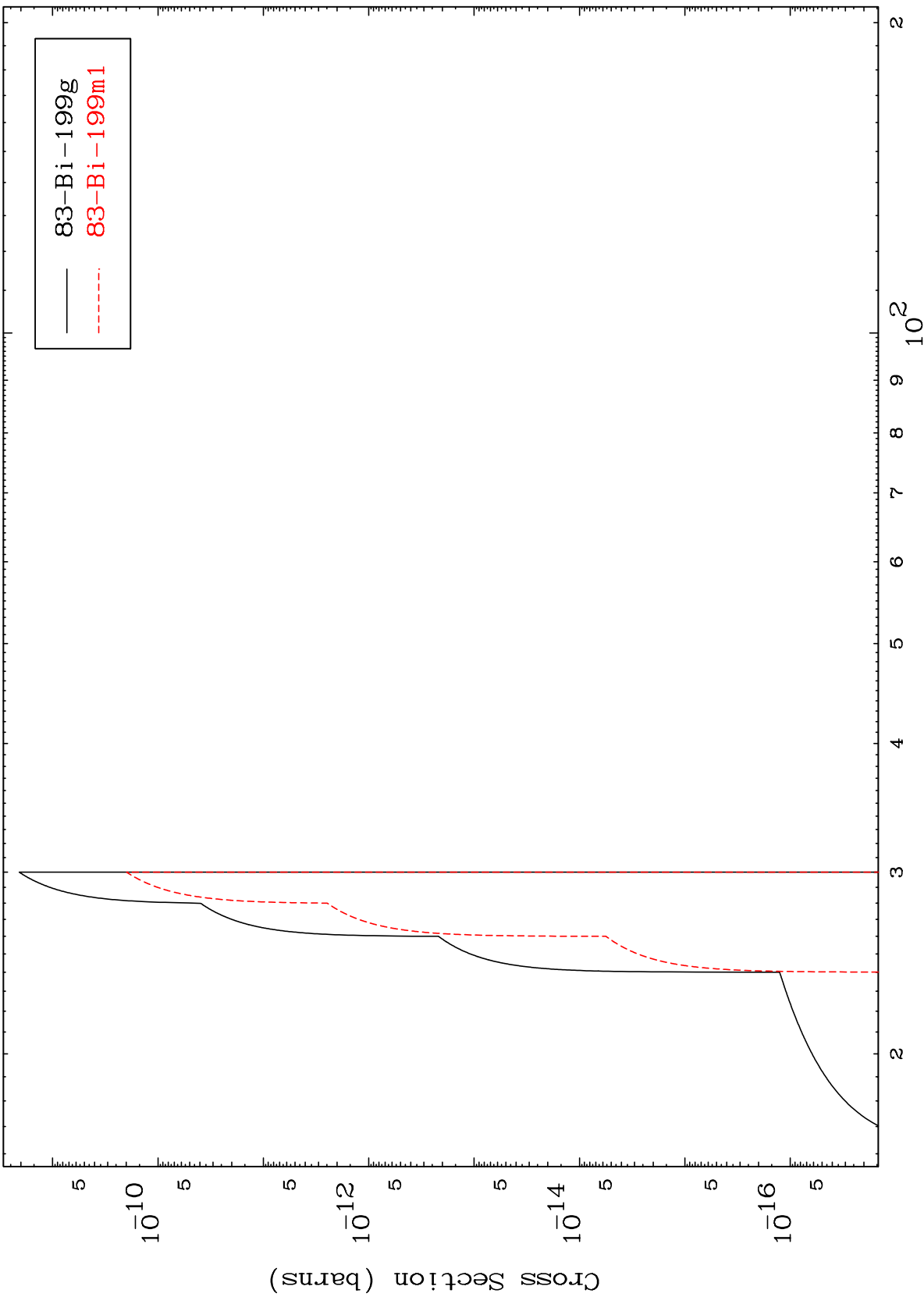
— 82-Pb-197g
- - - 82-Pb-197m2

25

Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1