

Program EVALPLOT
(Version 2018-1)

by

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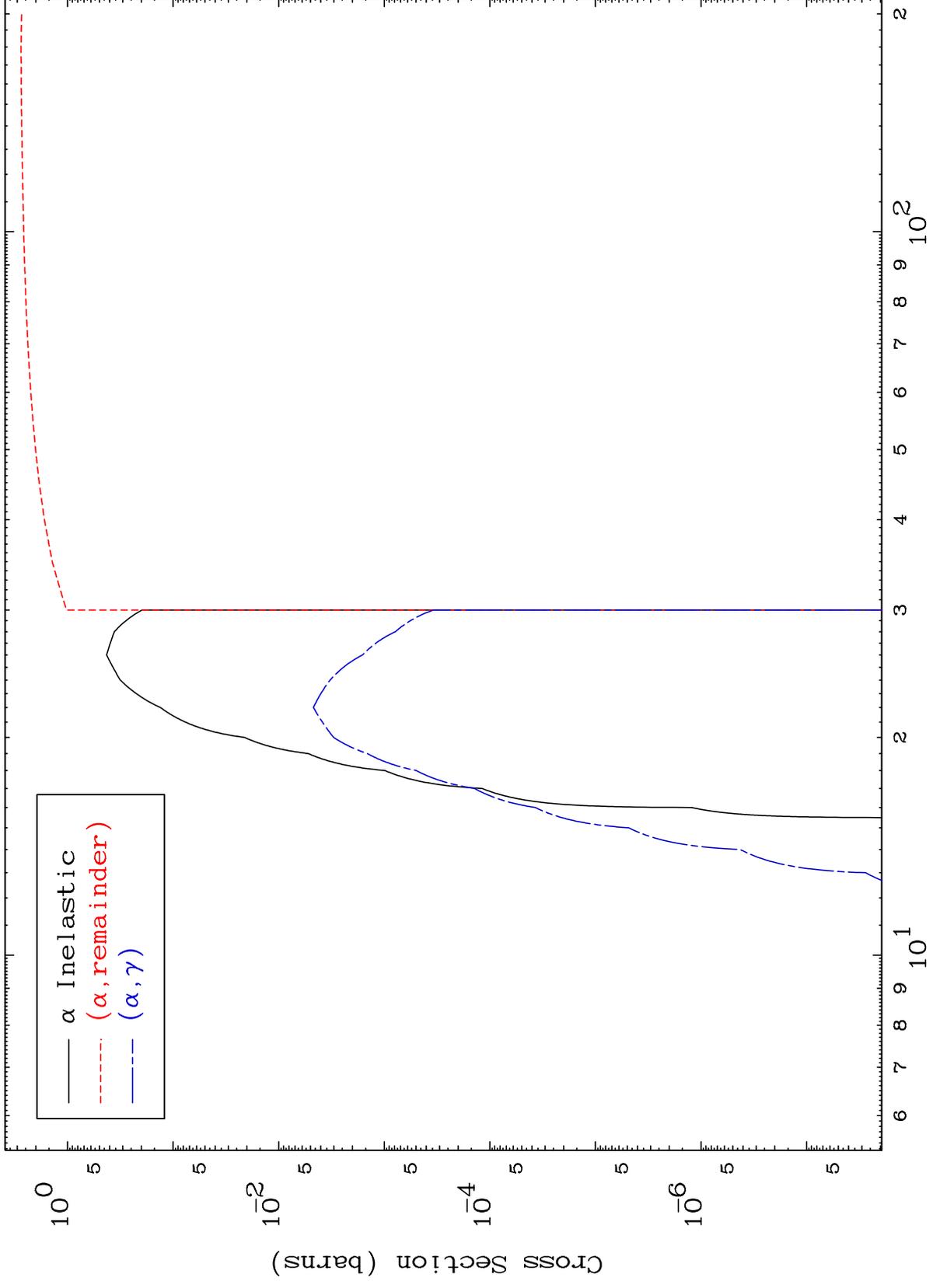
Press Mouse Button to Start

MAT 8296

α Major

83-Bi-199

0 Kelvin Cross Sections

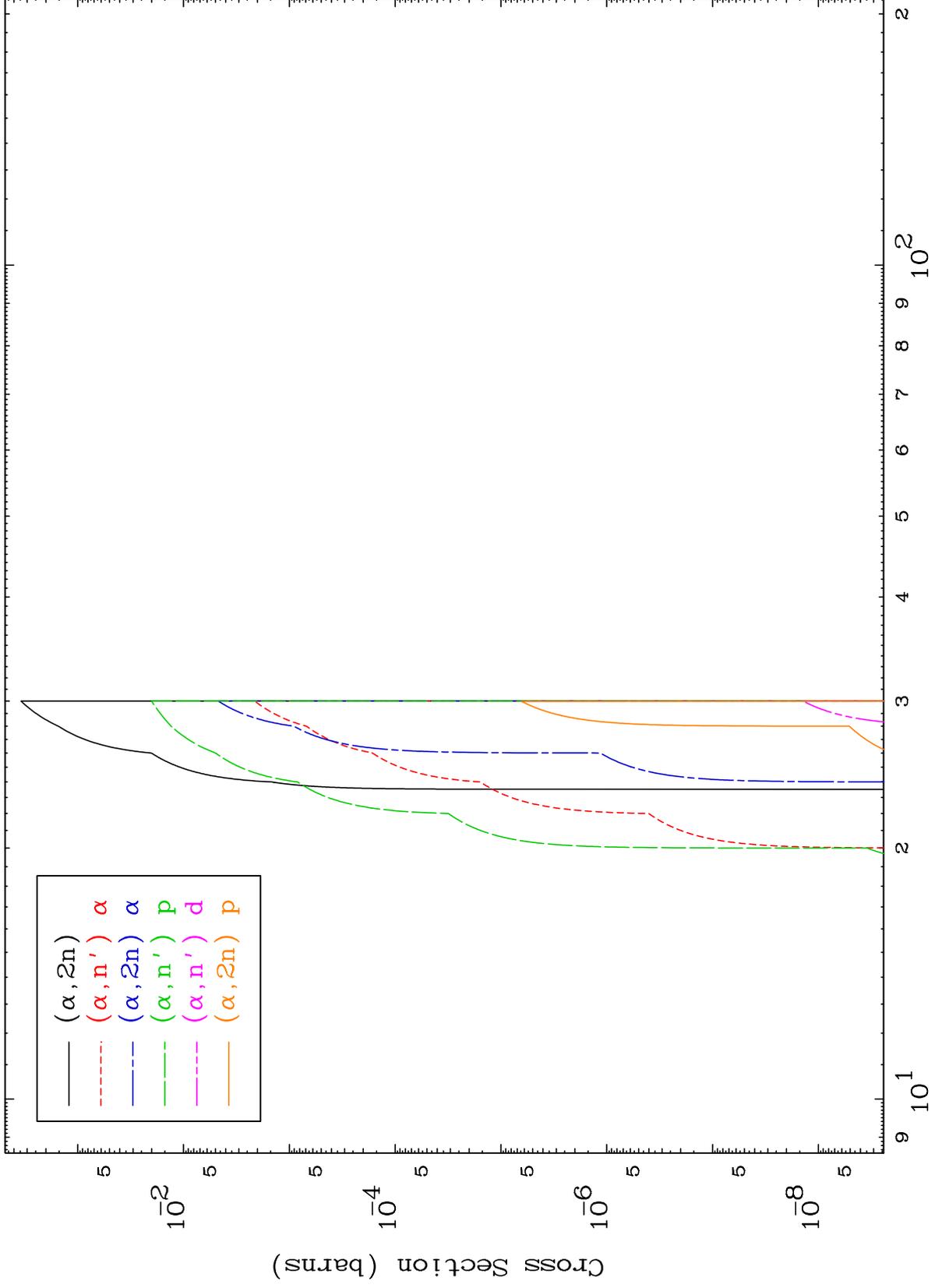


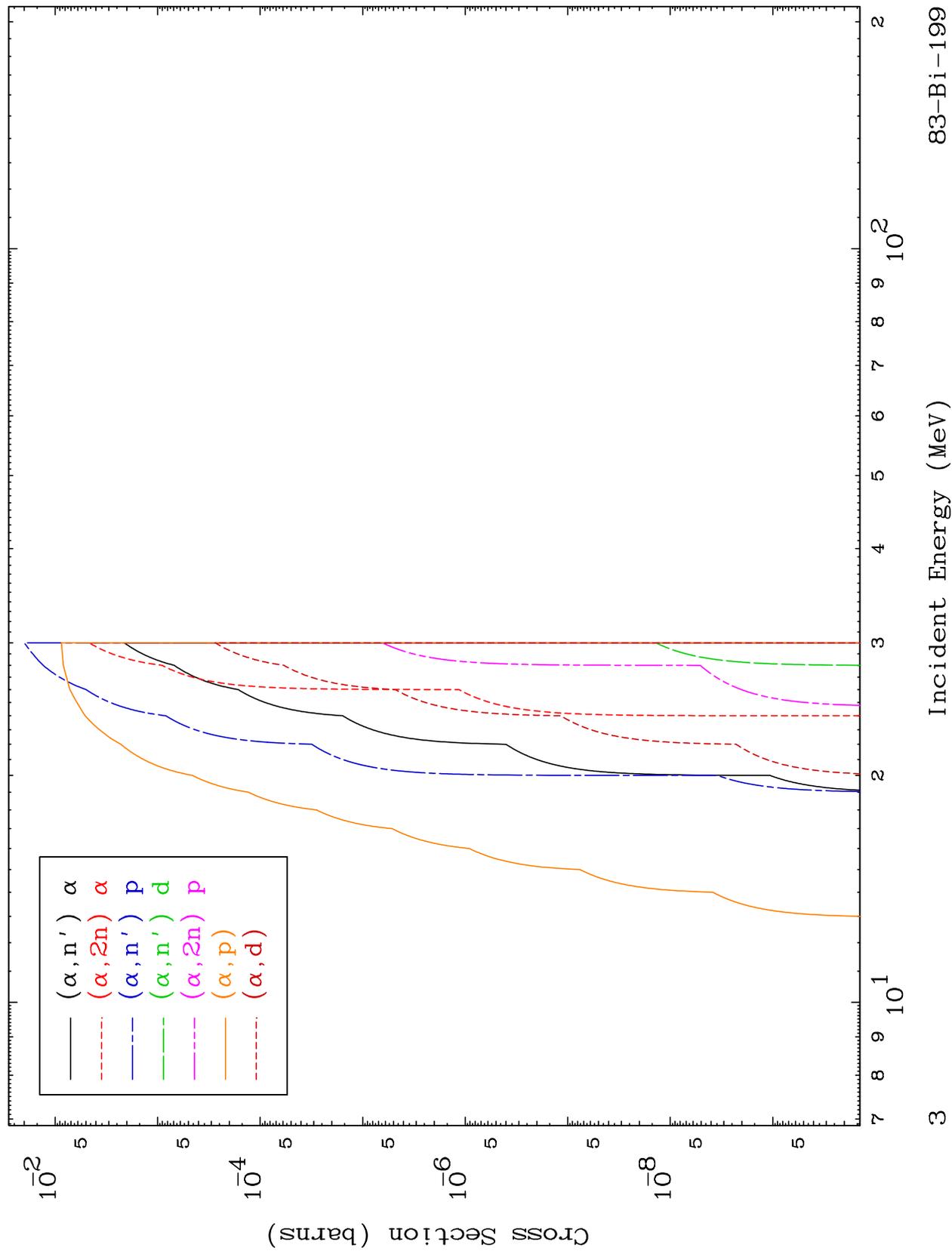
α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

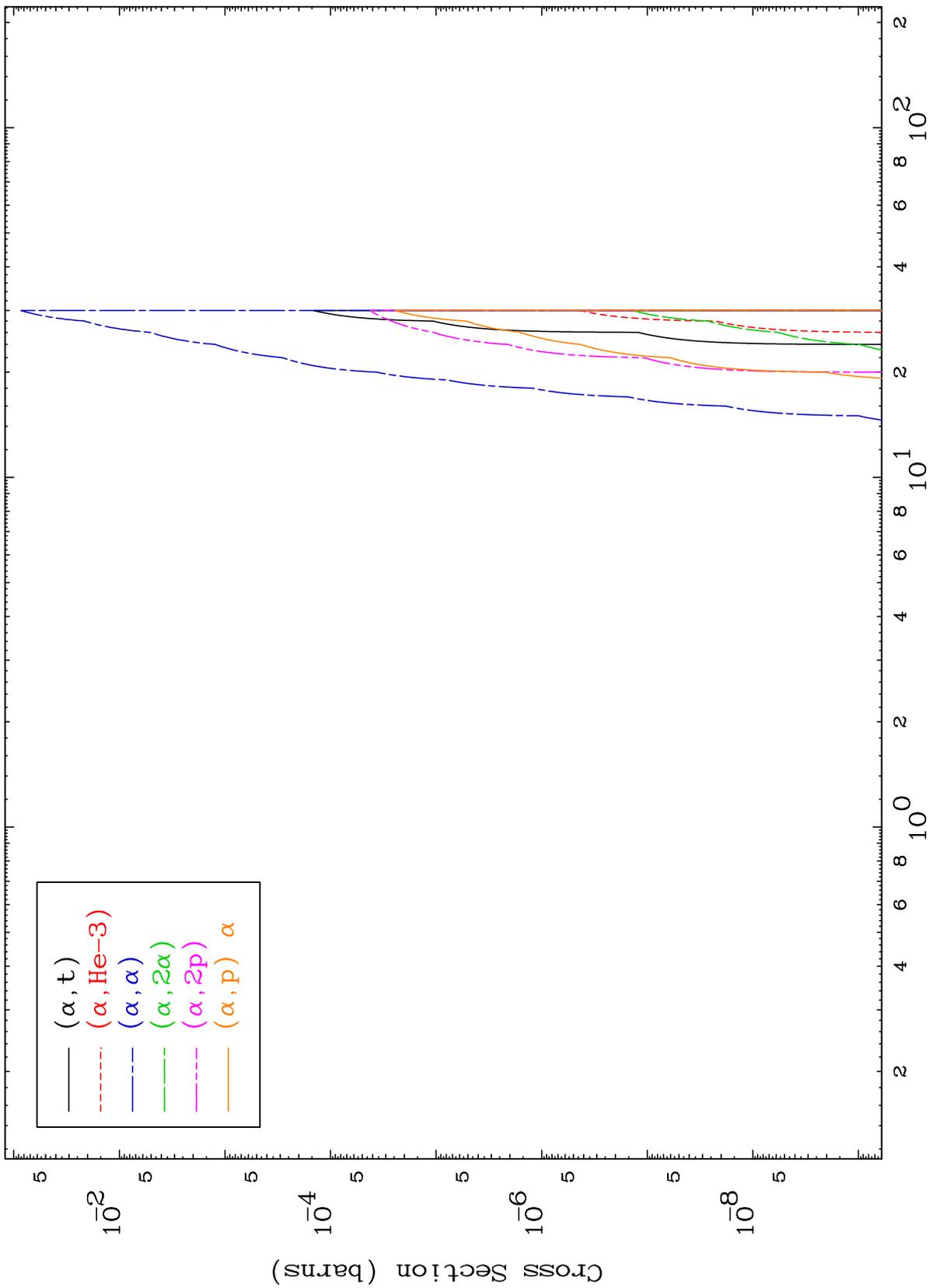
1

Incident Energy (MeV)

83-Bi-199





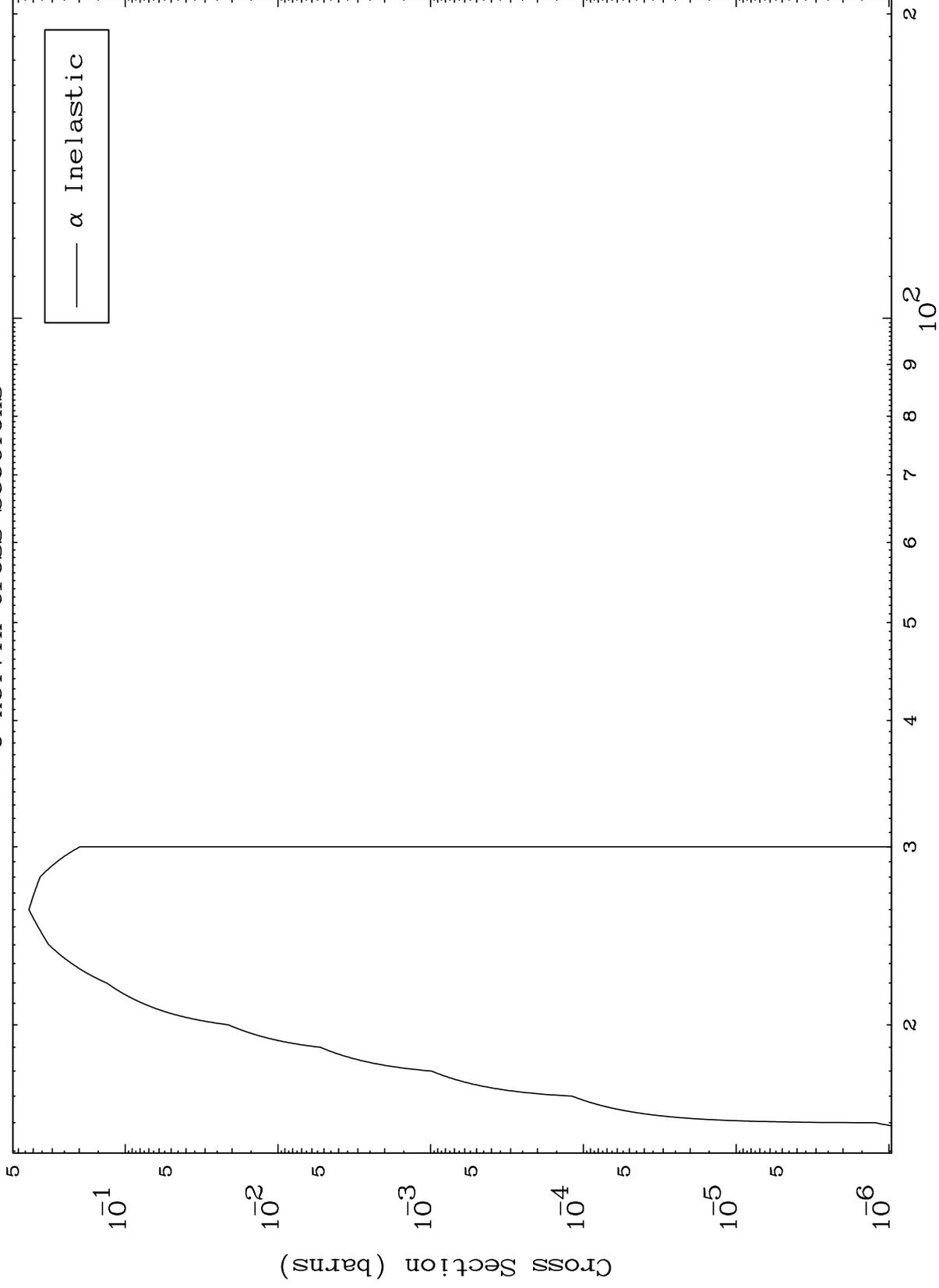


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(α, n') Level

83-Bi-199

0 Kelvin Cross Sections



5

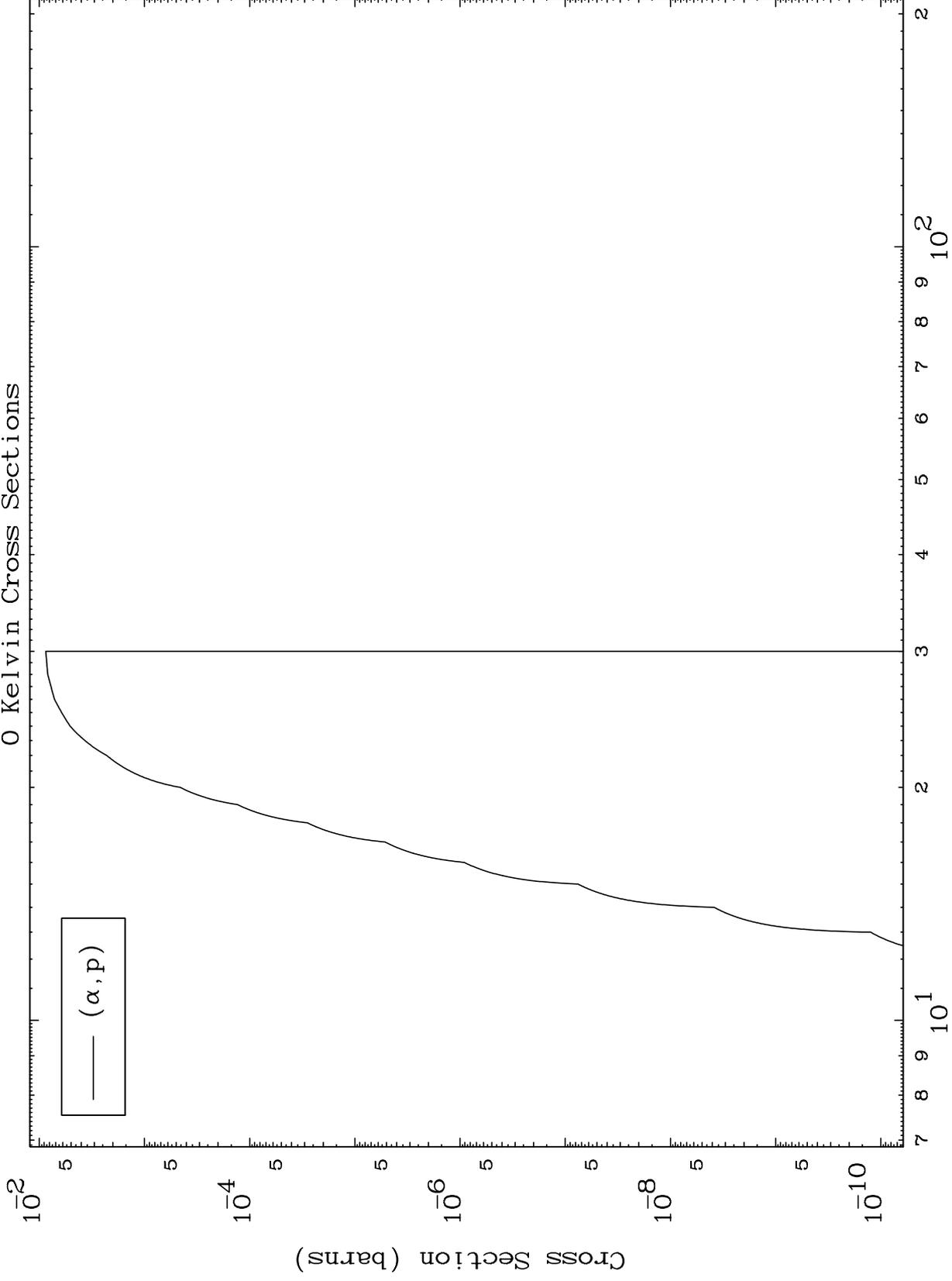
Incident Energy (MeV)

83-Bi-199

MAT 8296

(α, p) Levels
0 Kelvin Cross Sections

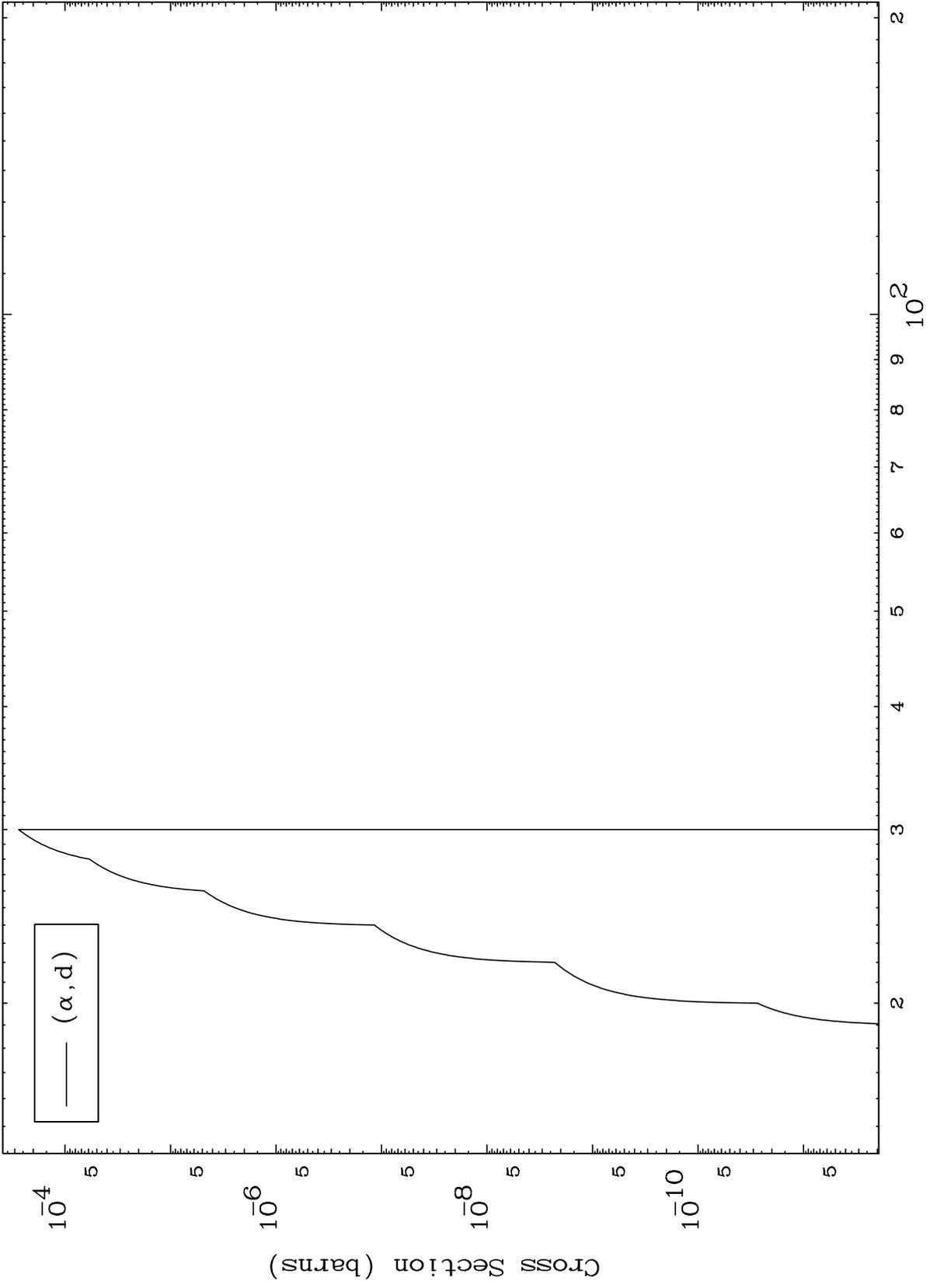
83-Bi-199



6

Incident Energy (MeV)

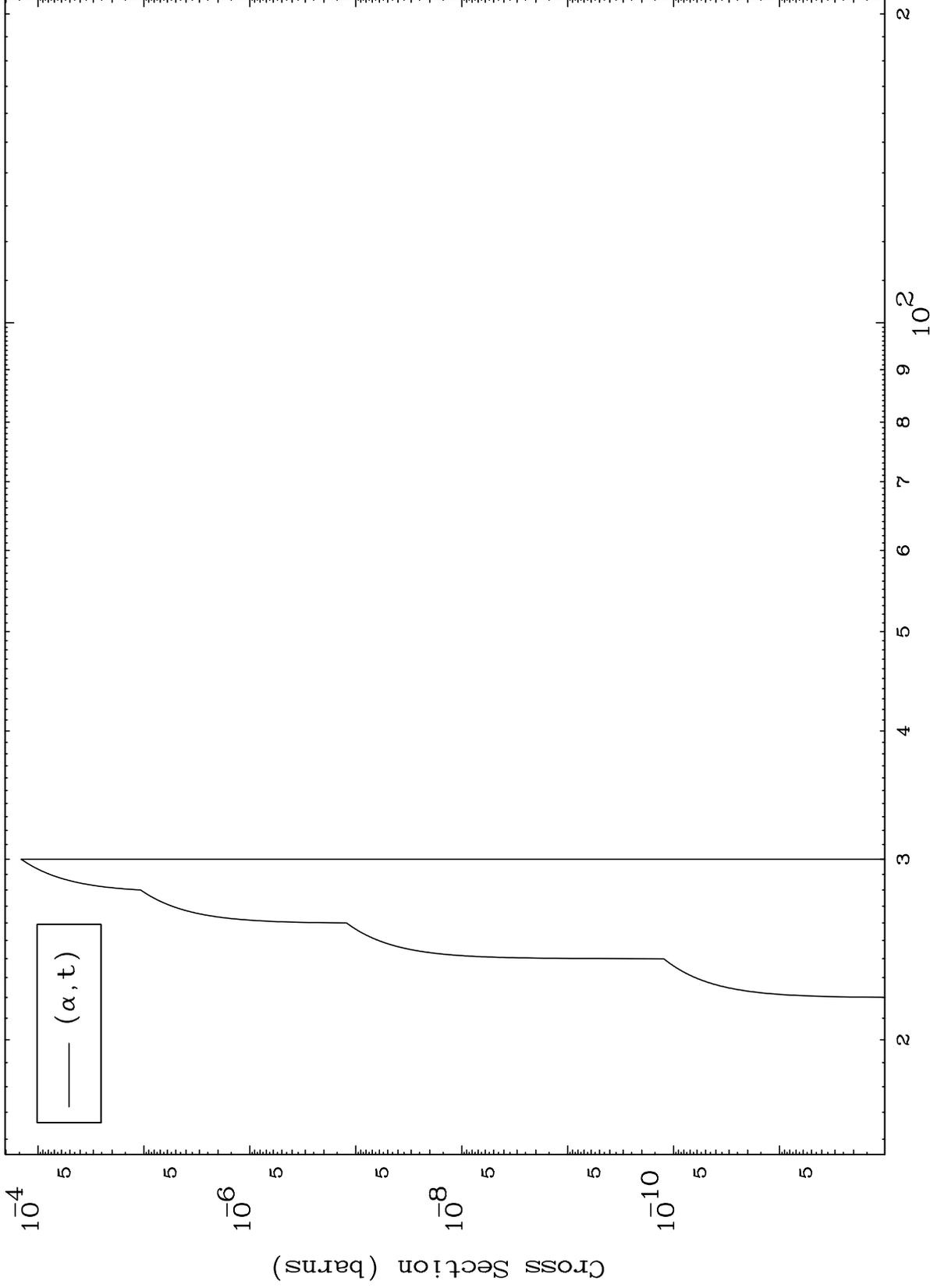
83-Bi-199



MAT 8296

(α, t) Levels
0 Kelvin Cross Sections

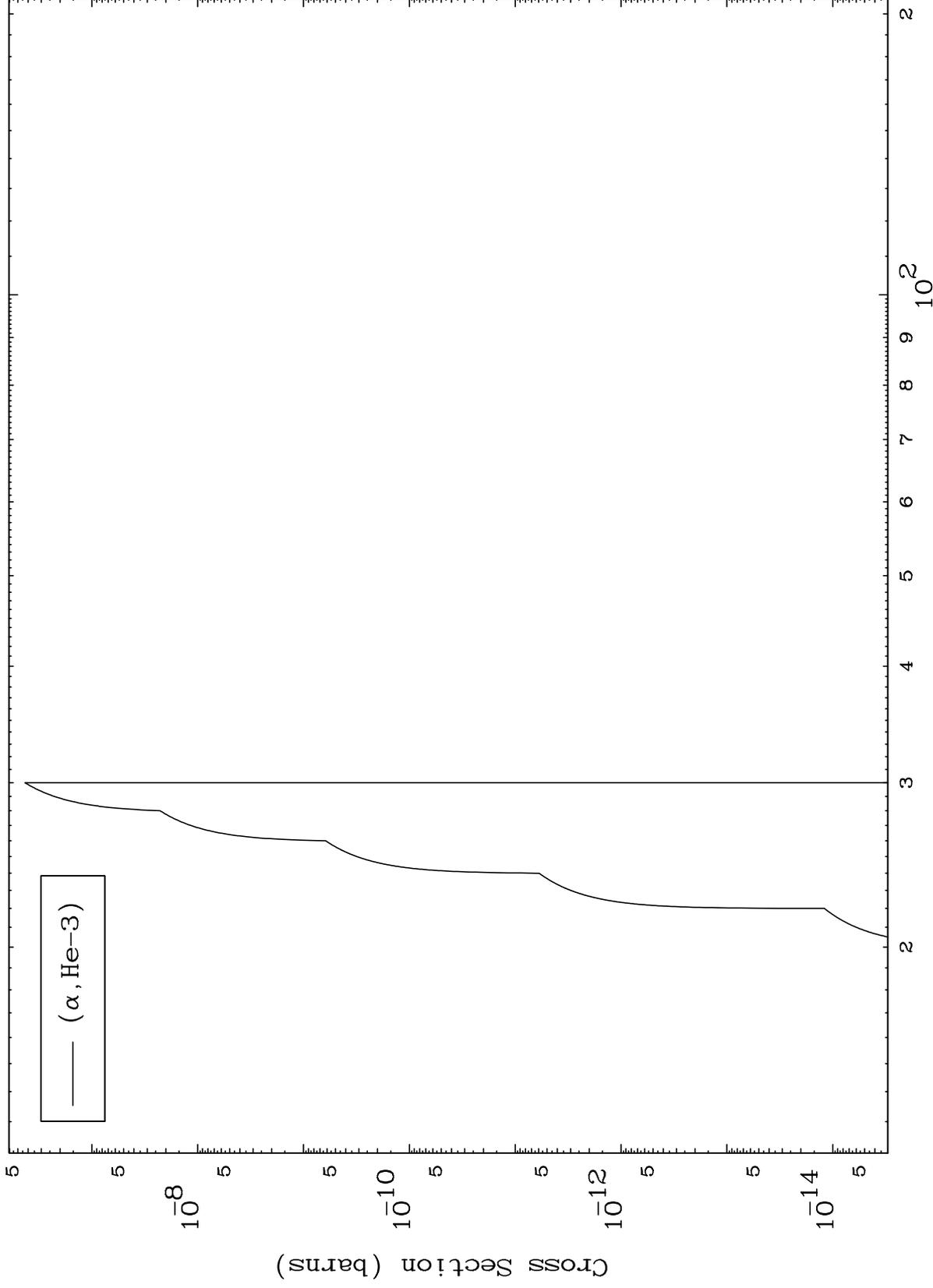
83-Bi-199



8

Incident Energy (MeV)

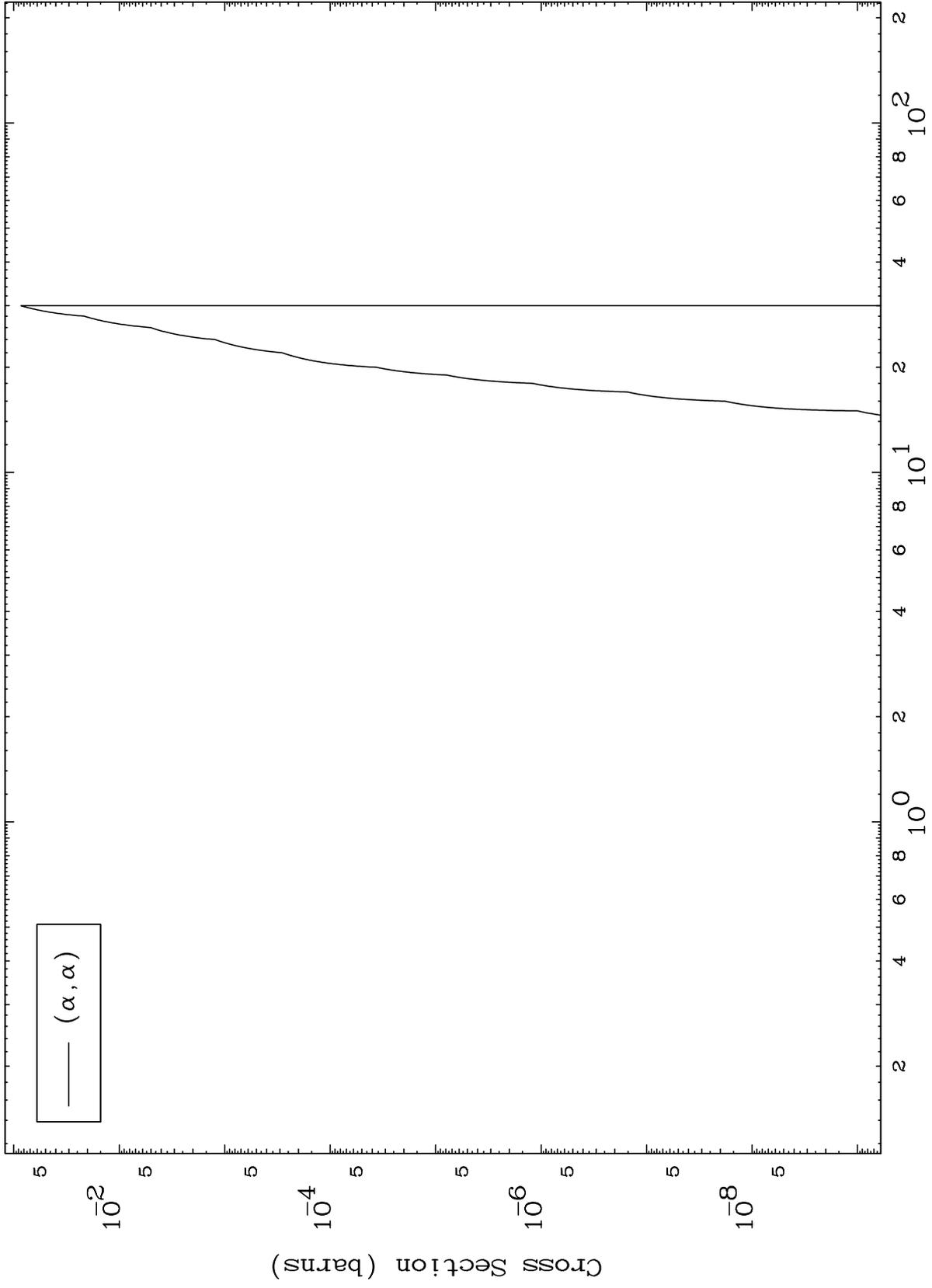
83-Bi-199



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(α, α) Levels
0 Kelvin Cross Sections

83-Bi-199

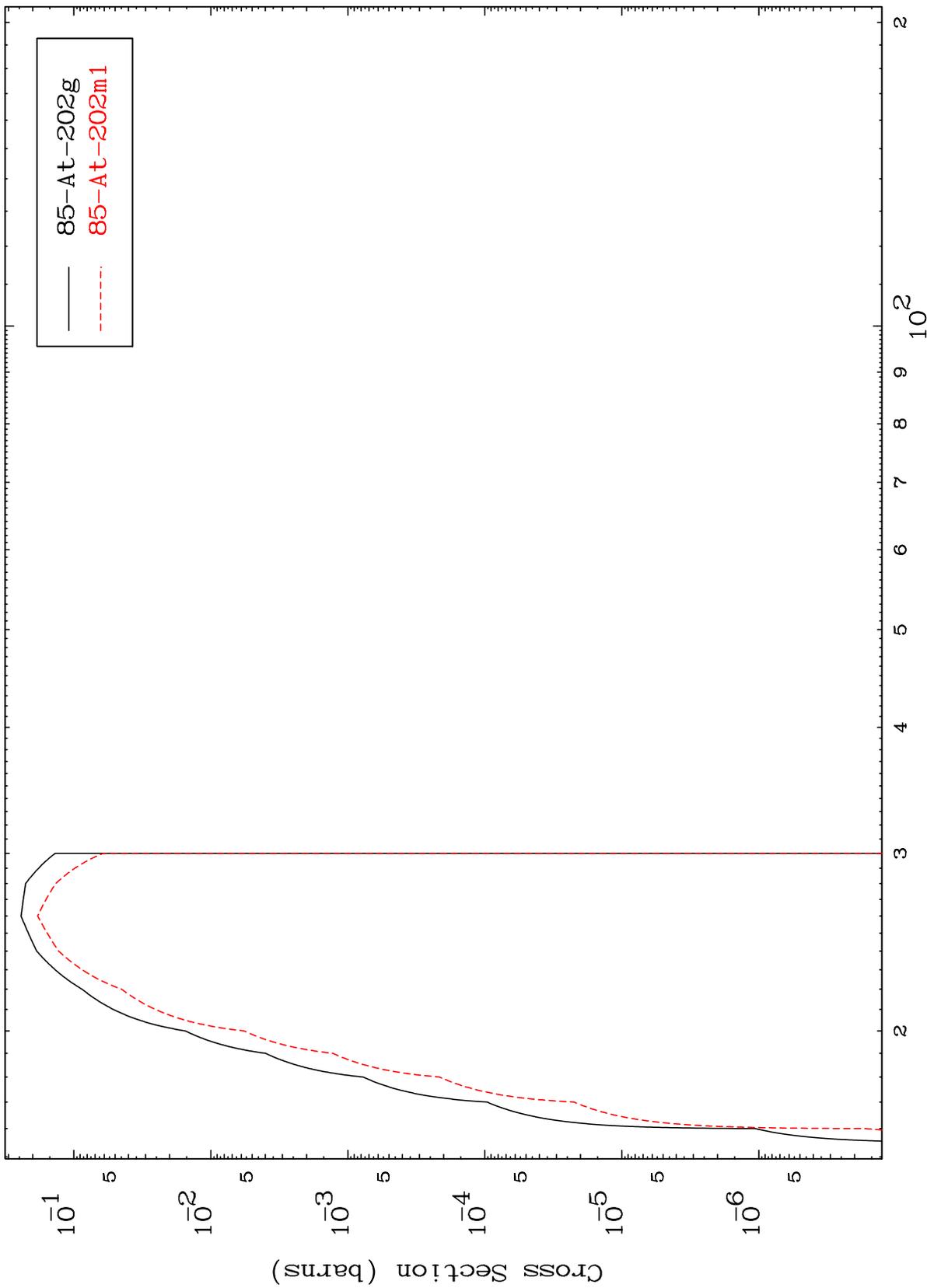


10

Incident Energy (MeV)

83-Bi-199

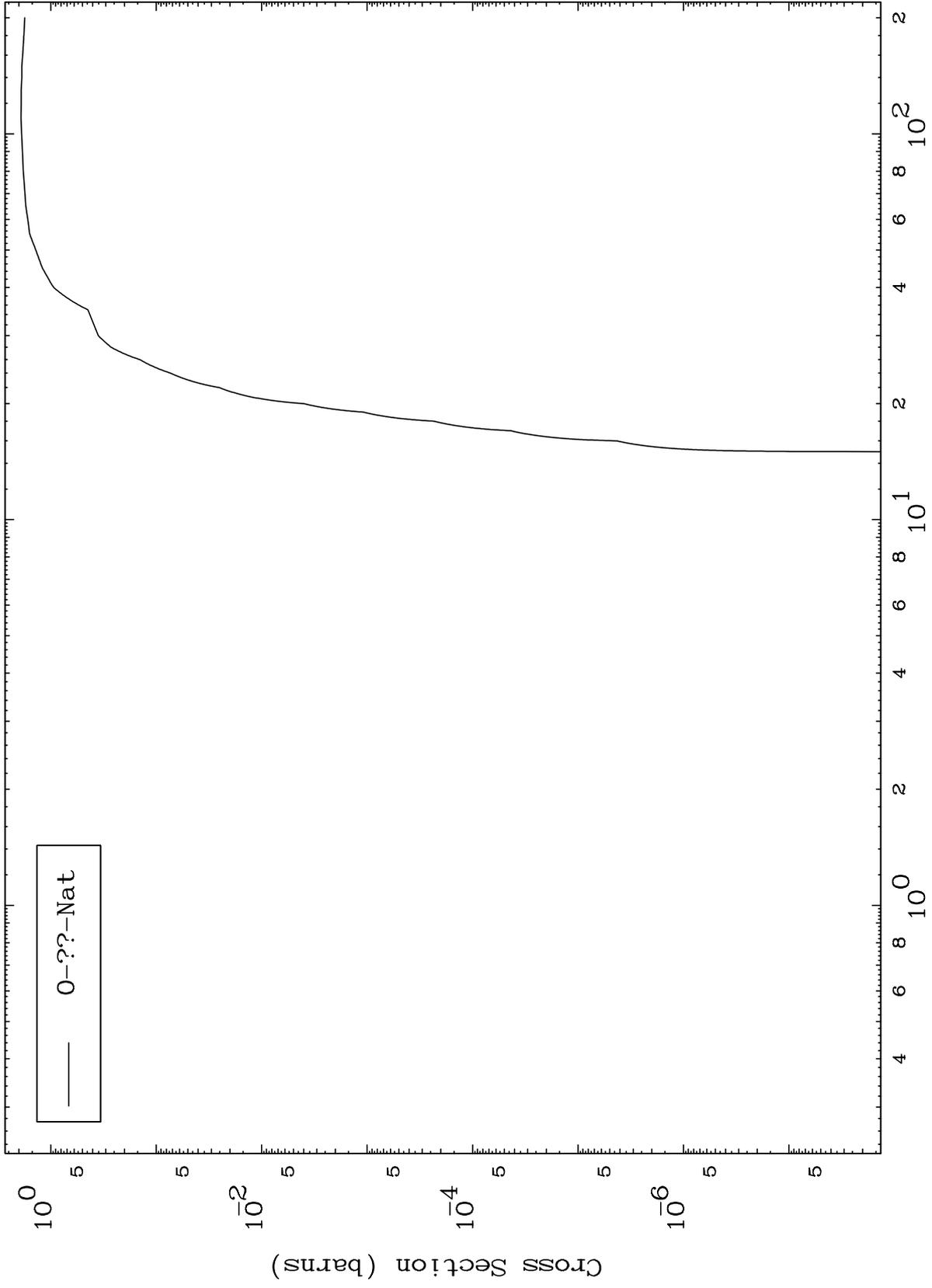
Radionuclide Production Cross Section
 α Inelastic



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83-Bi-199

α Fission
Radionuclide Production Cross Section



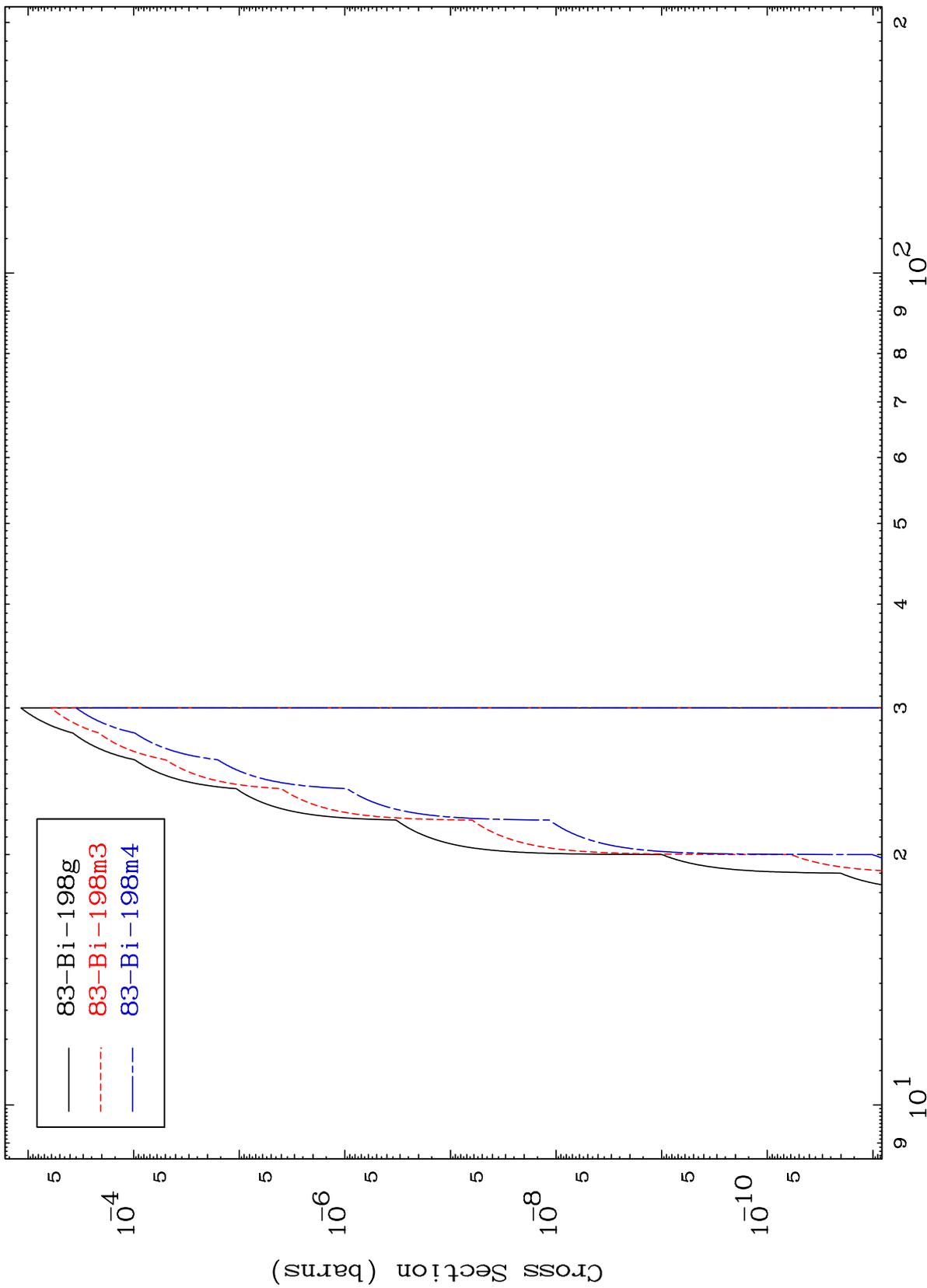
— 0-??-Nat

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(α, n') α

83-Bi-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

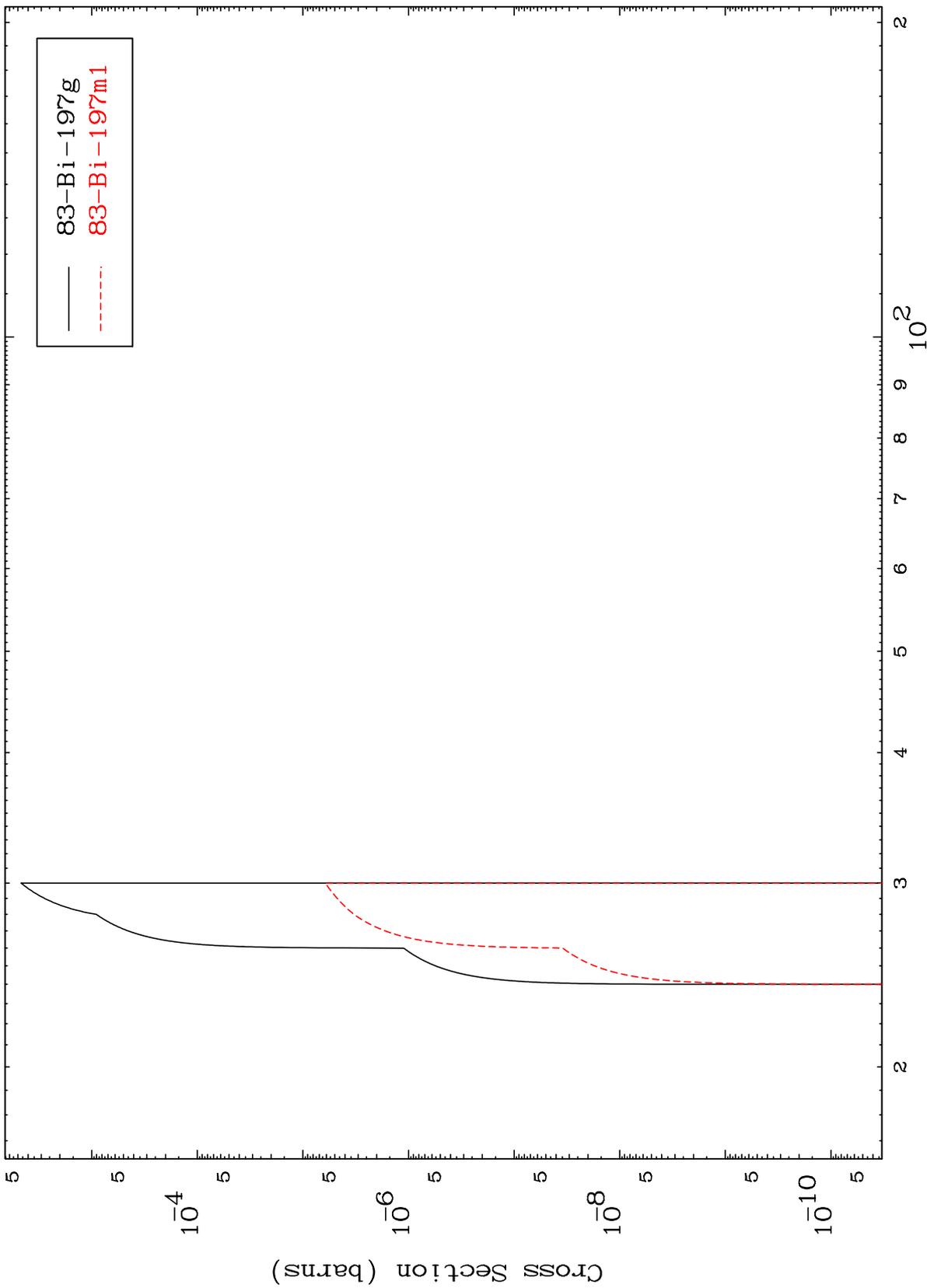
83-Bi-199

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$(\alpha, 2n) \alpha$

83-Bi-199

Radionuclide Production Cross Section

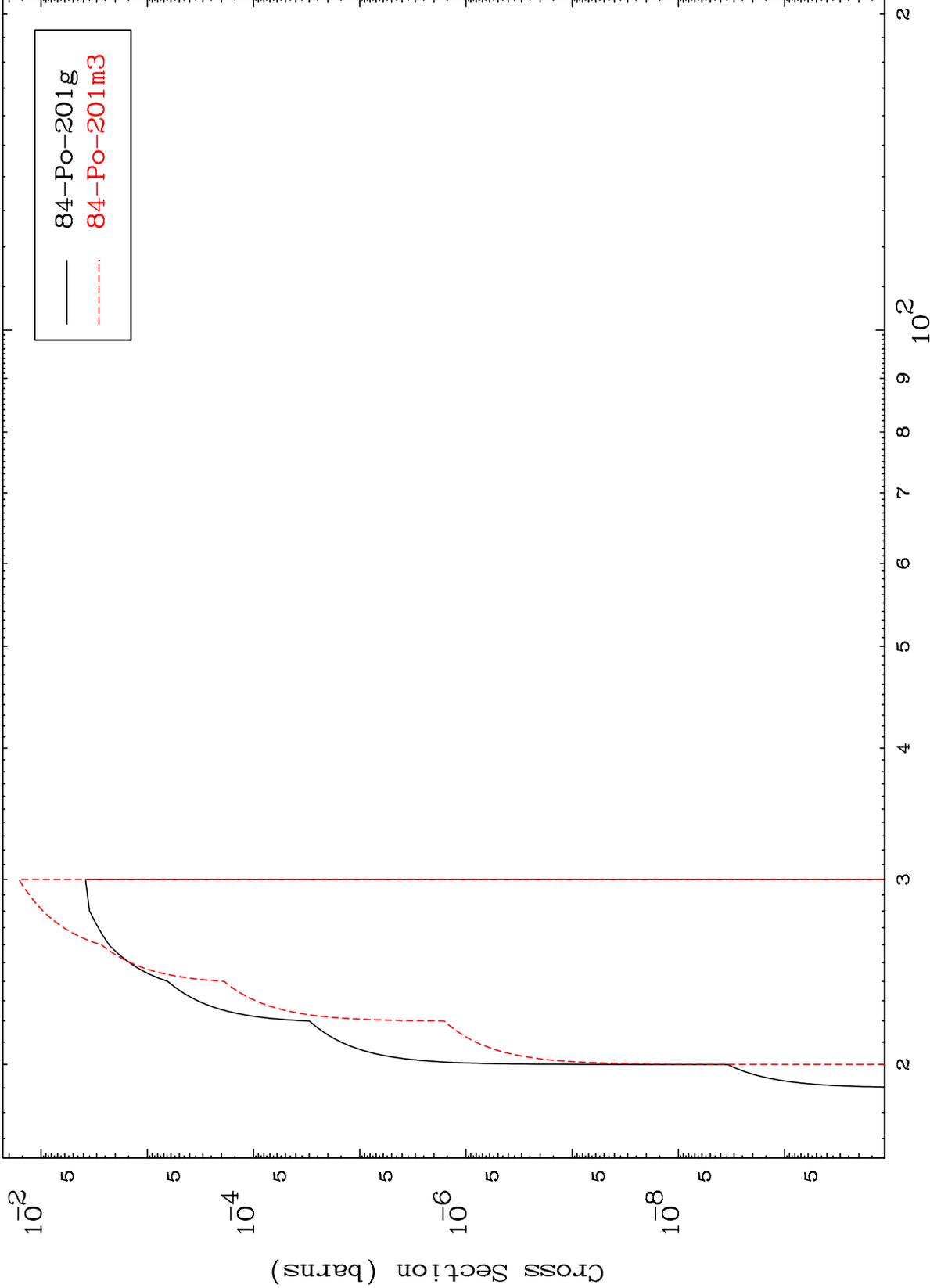


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Incident Energy (MeV)

83-Bi-199

Radionuclide Production Cross Section

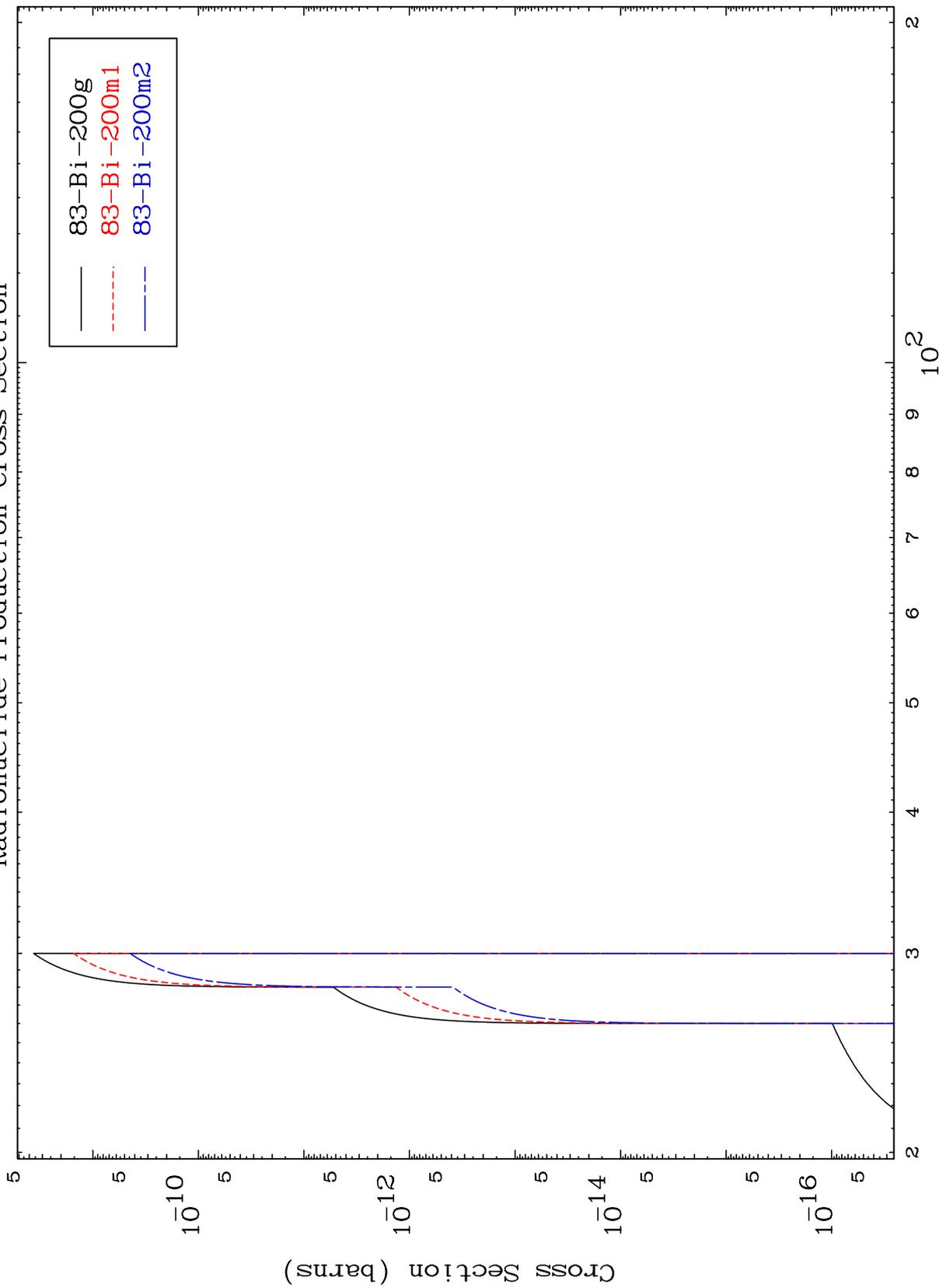


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$(\alpha, 2n)$ p

83-Bi-199

Radionuclide Production Cross Section

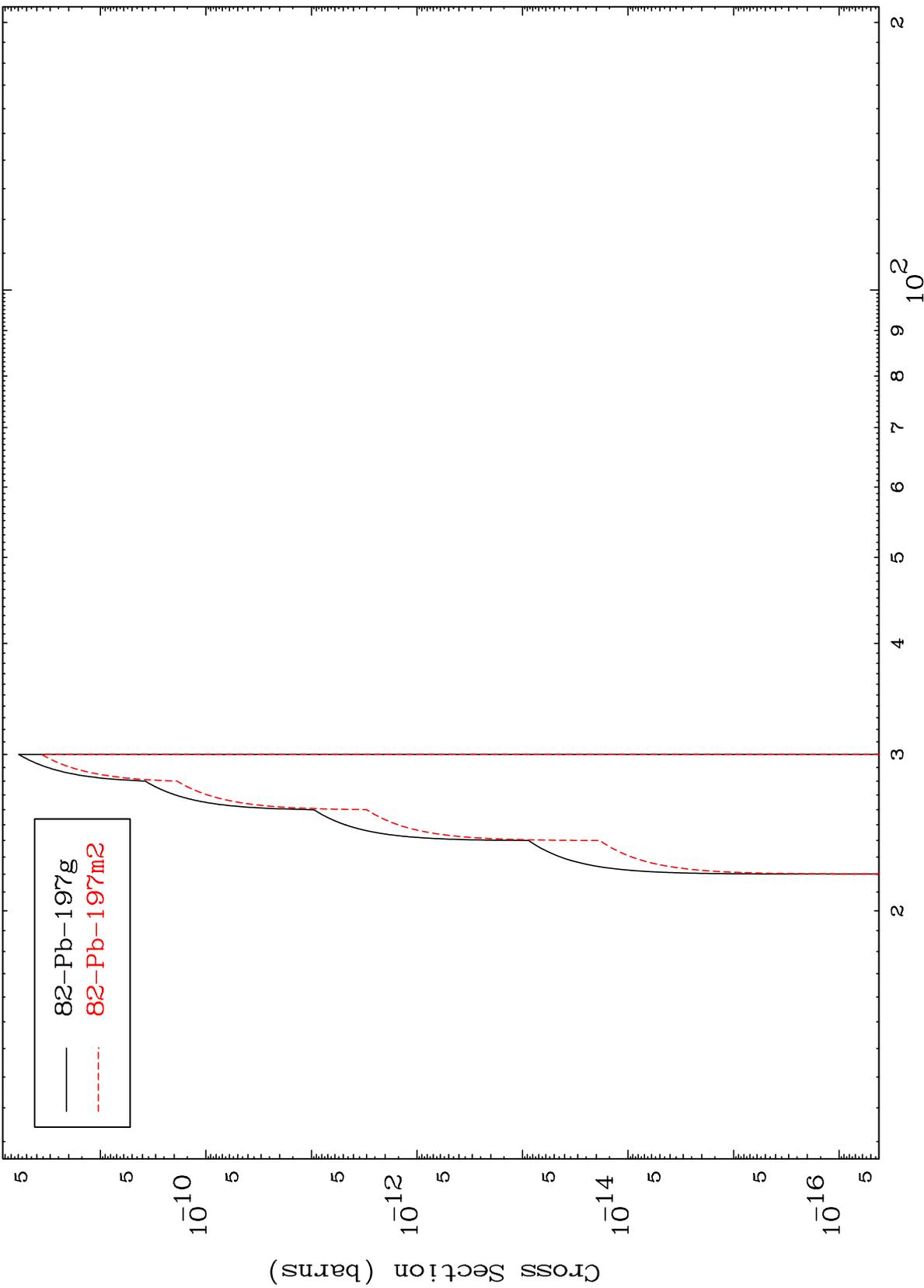


16

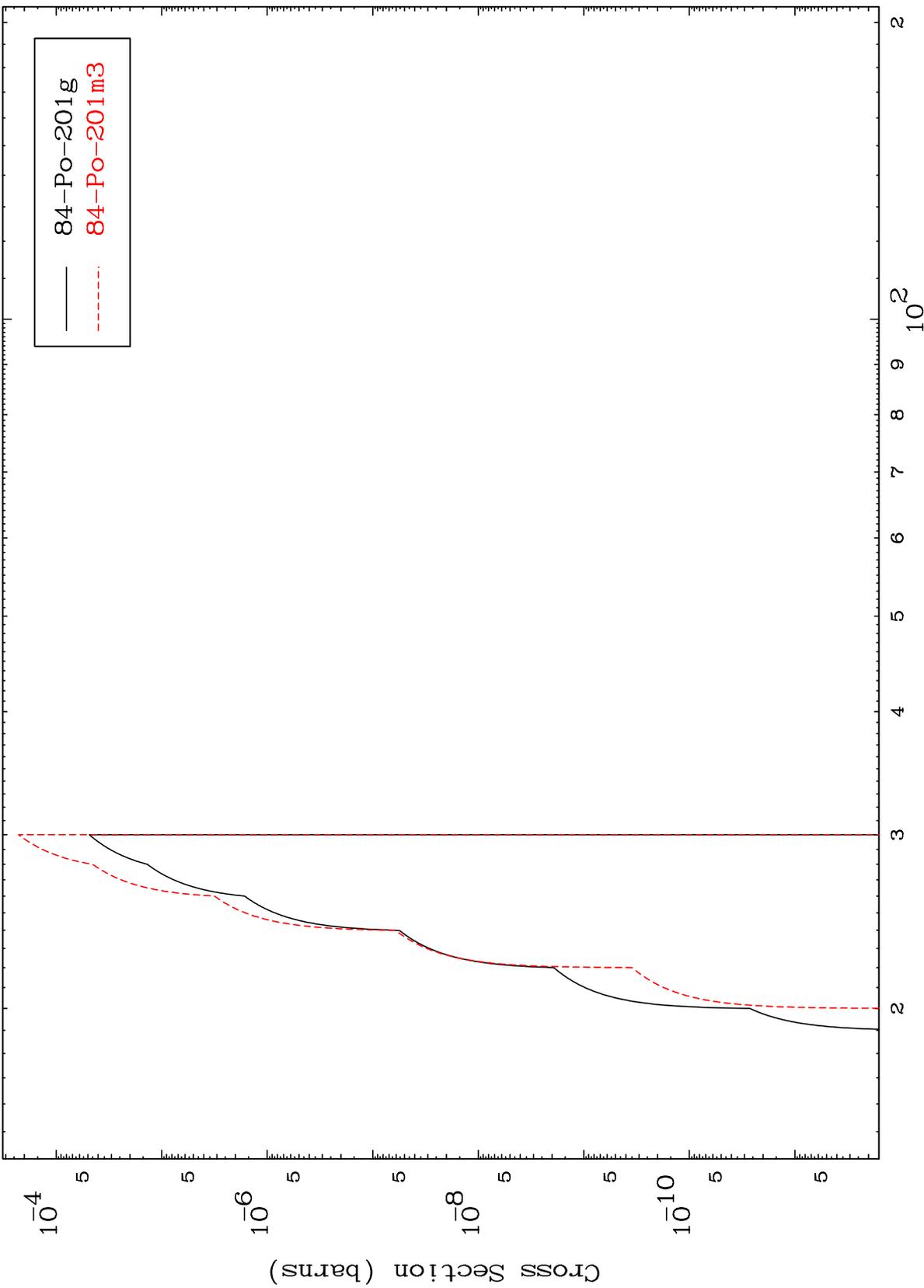
Incident Energy (MeV)

83-Bi-199

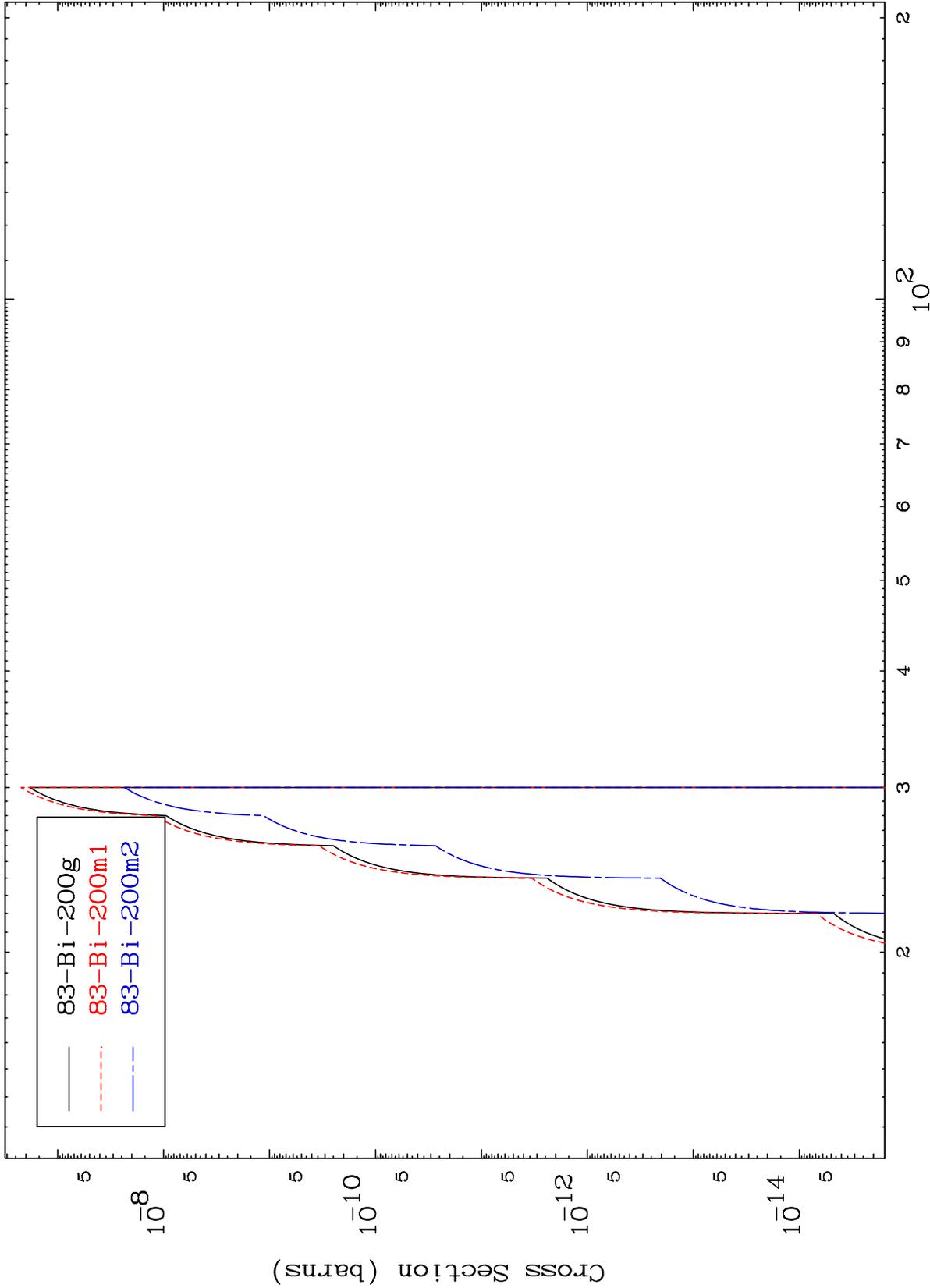
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

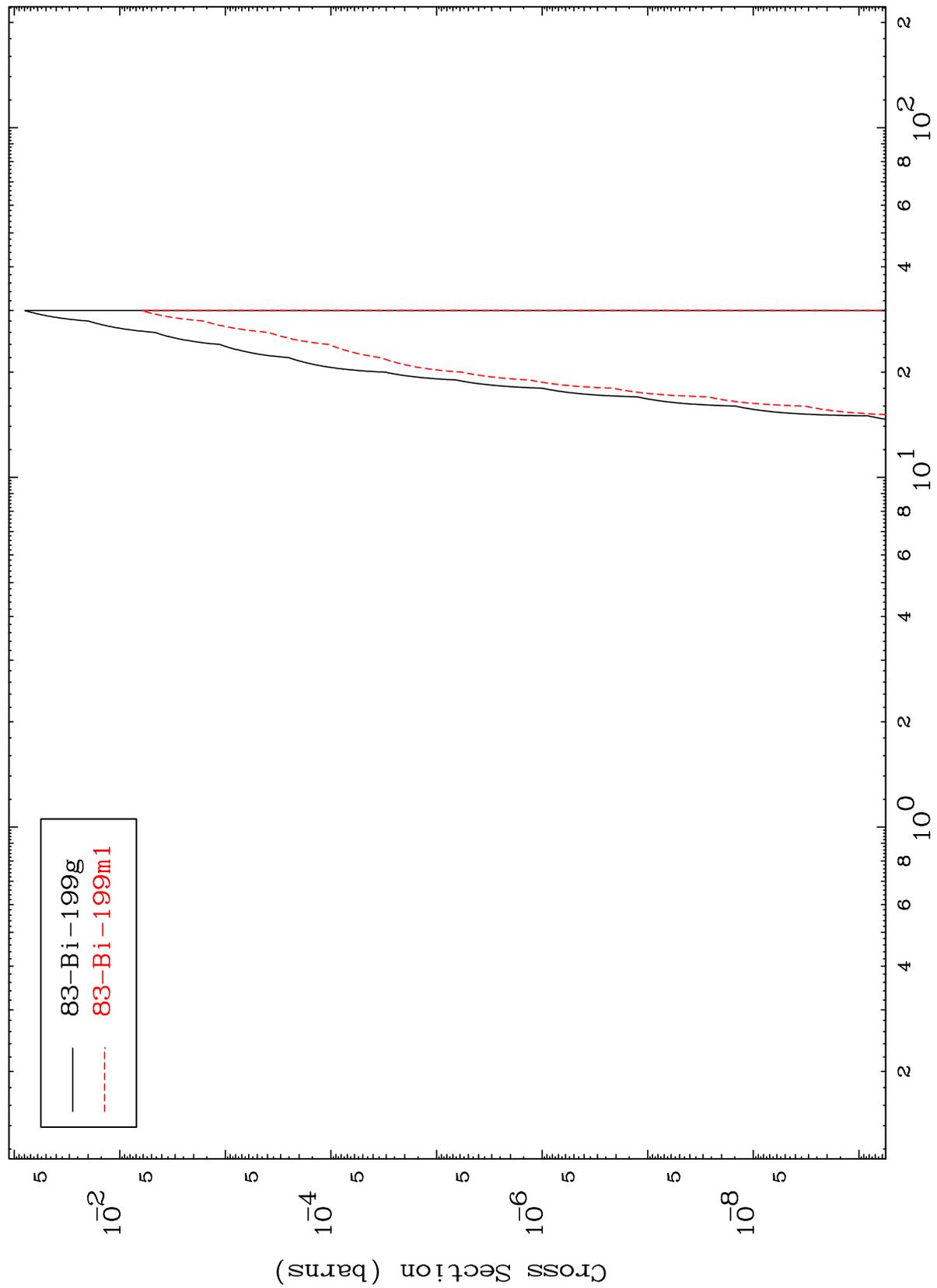


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83-Bi-199

(α, α)

Radionuclide Production Cross Section



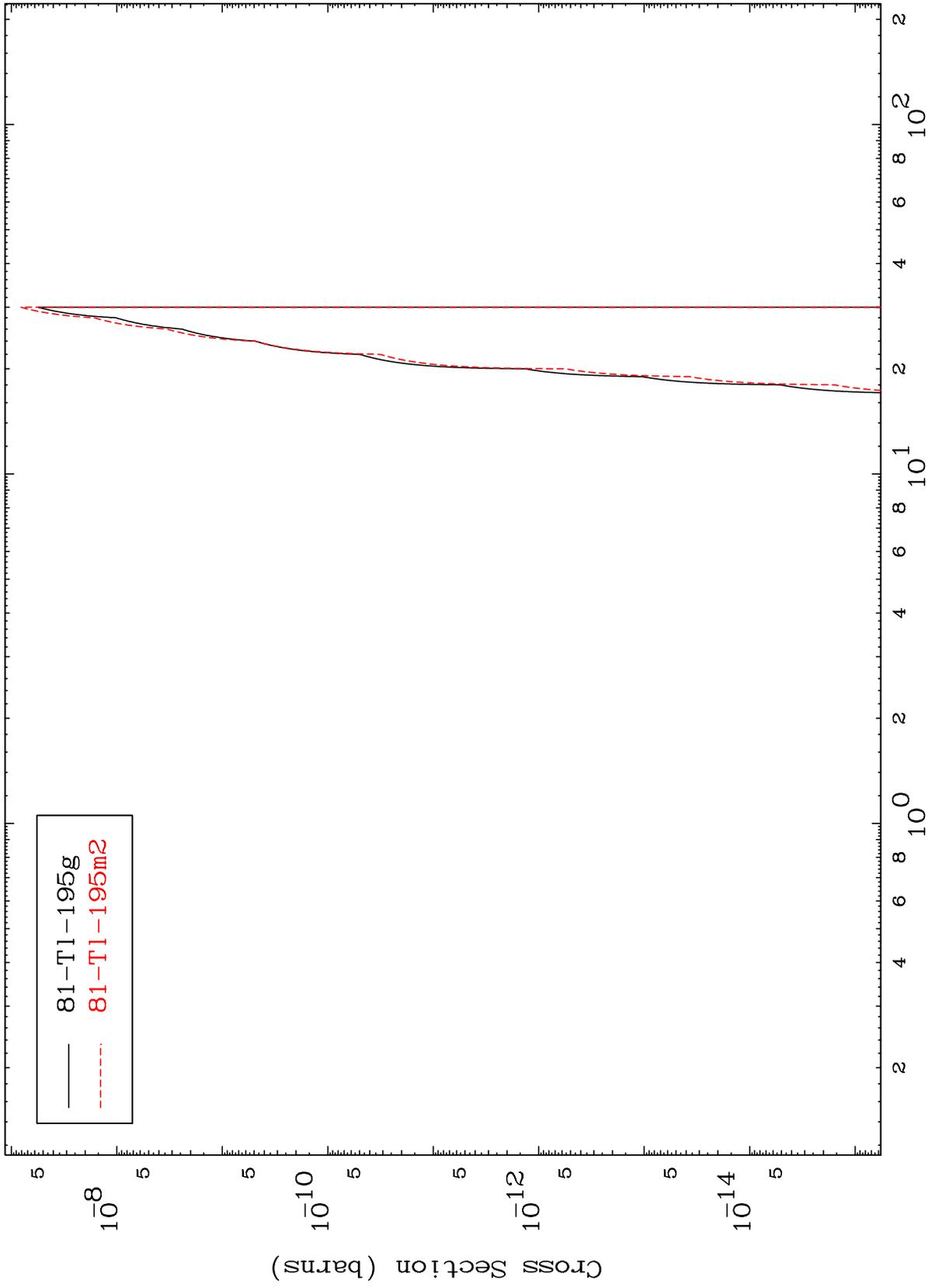
83-Bi-199g
83-Bi-199m1

MAT 8296

($\alpha, 2\alpha$)

83-Bi-199

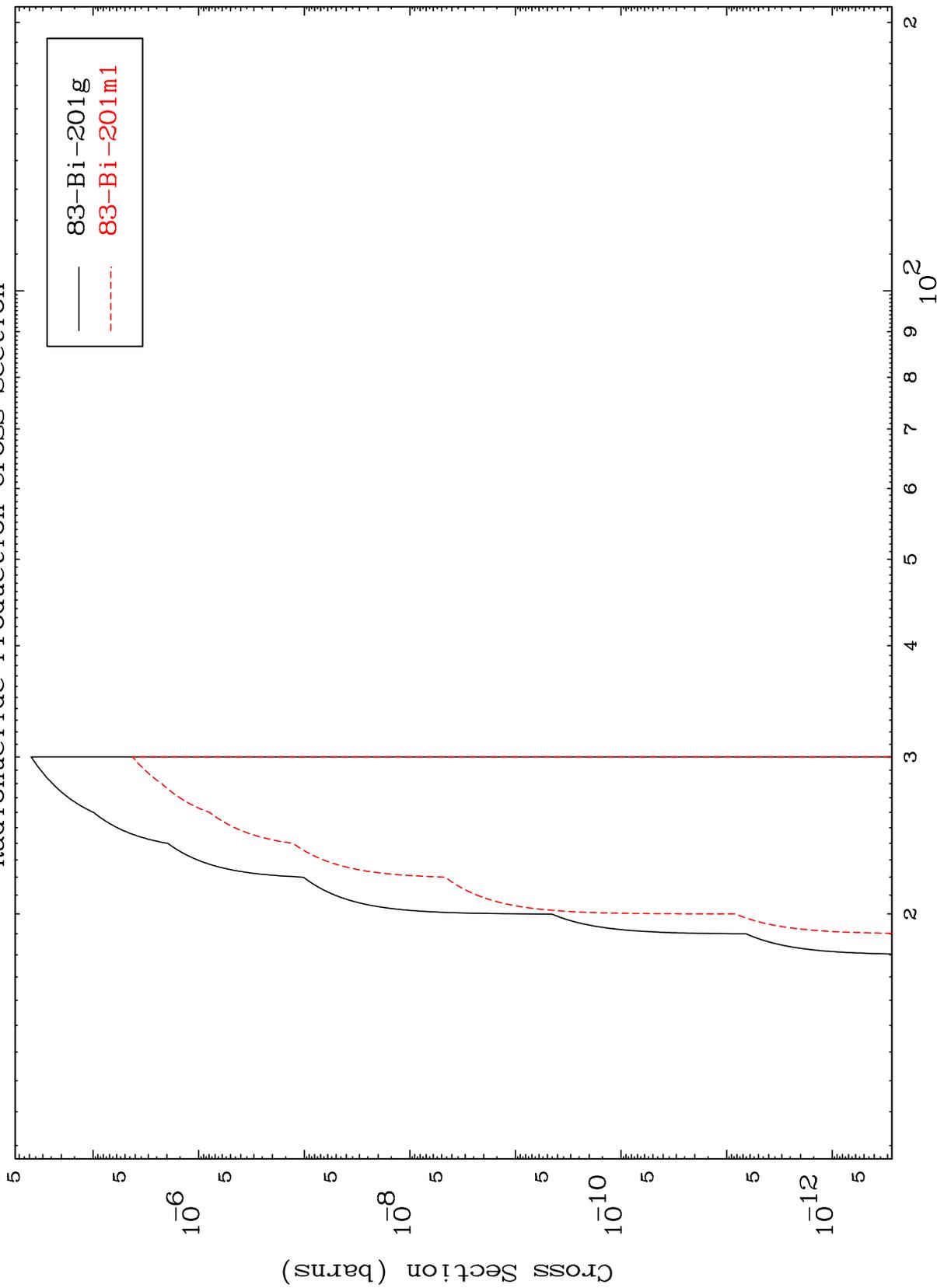
Radionuclide Production Cross Section



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83-Bi-199

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



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83-Bi-199

Incident Energy (MeV)