

Program EVALPLOT
(Version 2018-1)

by

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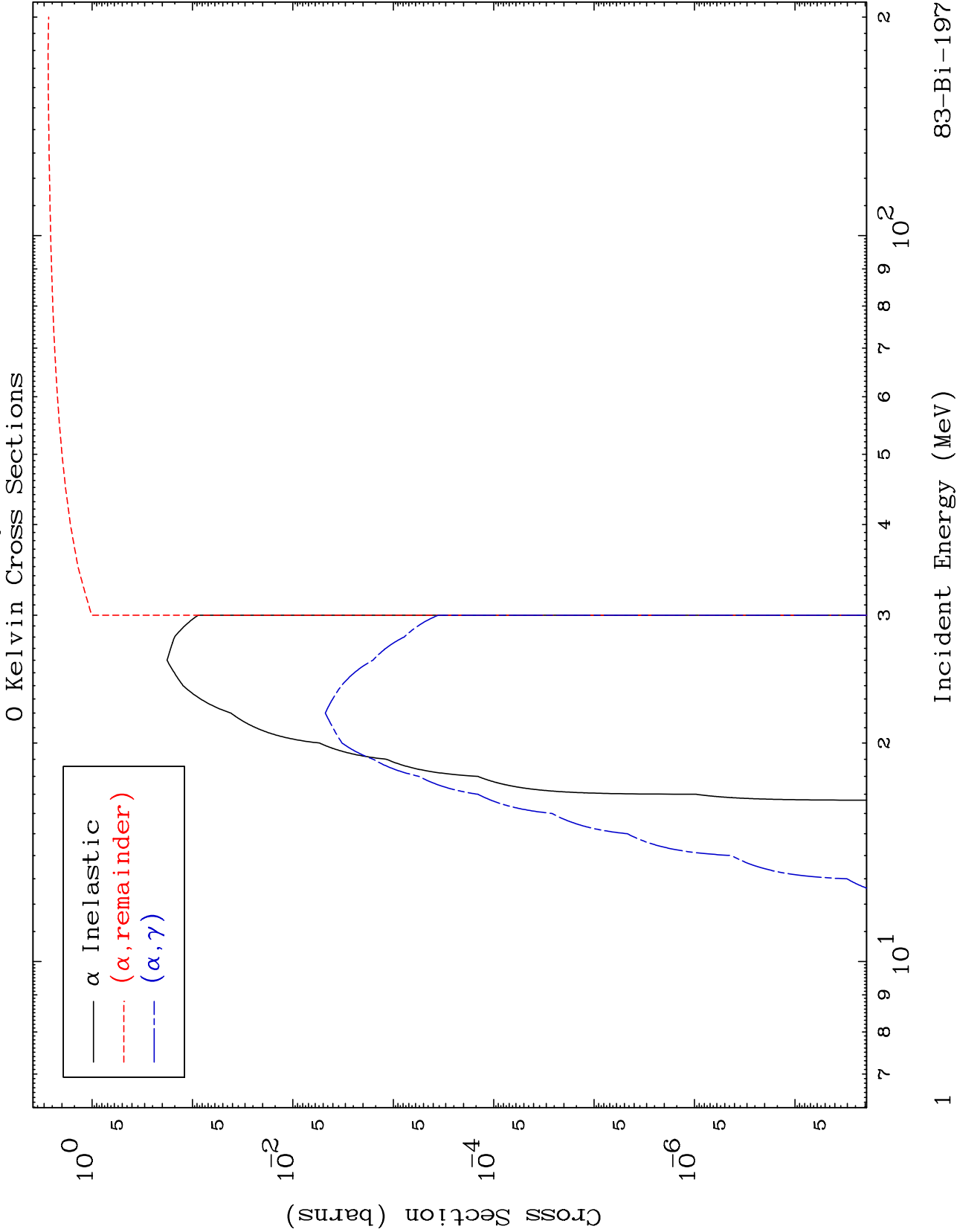
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8289

α Major

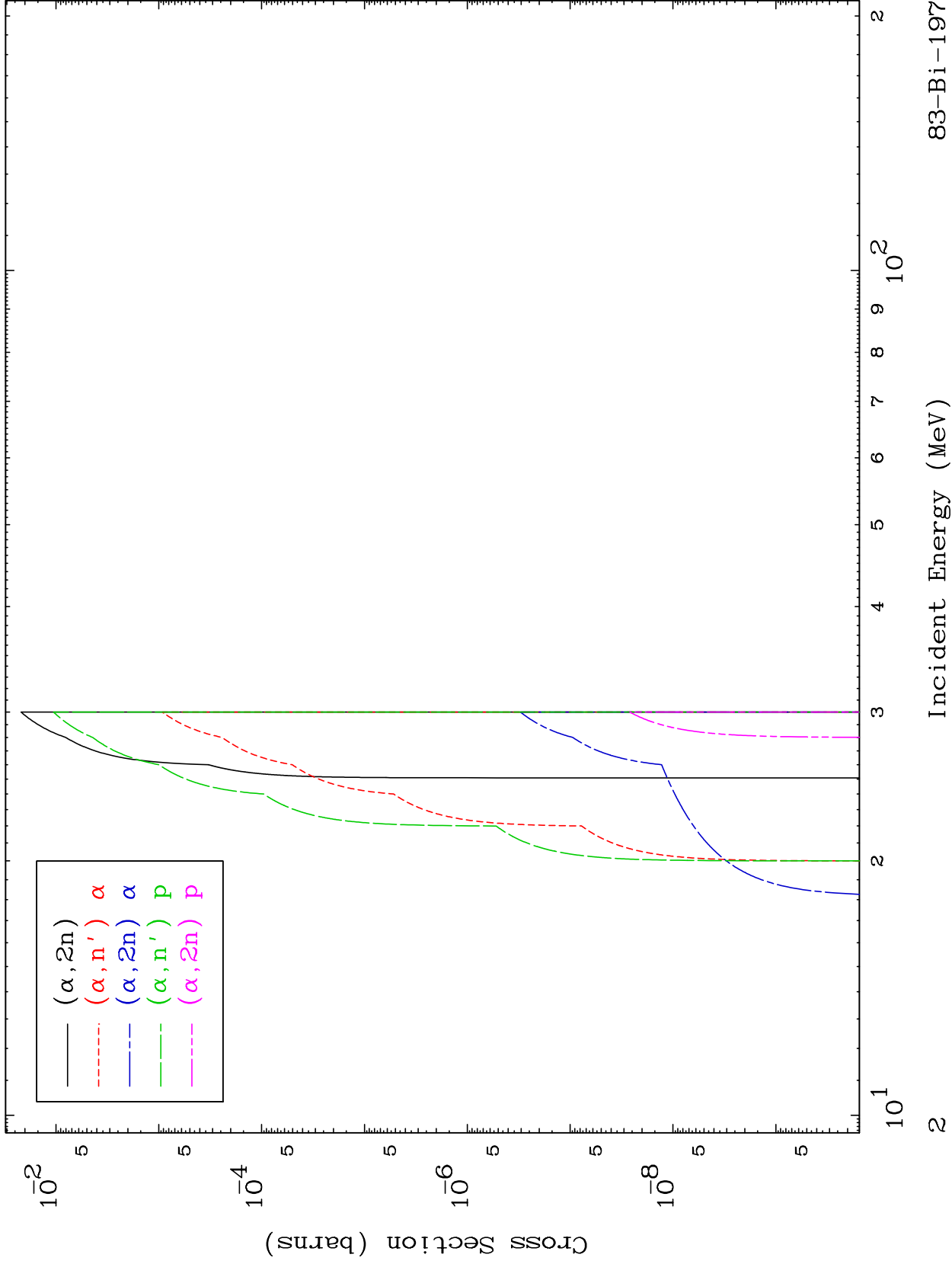
83-Bi-197



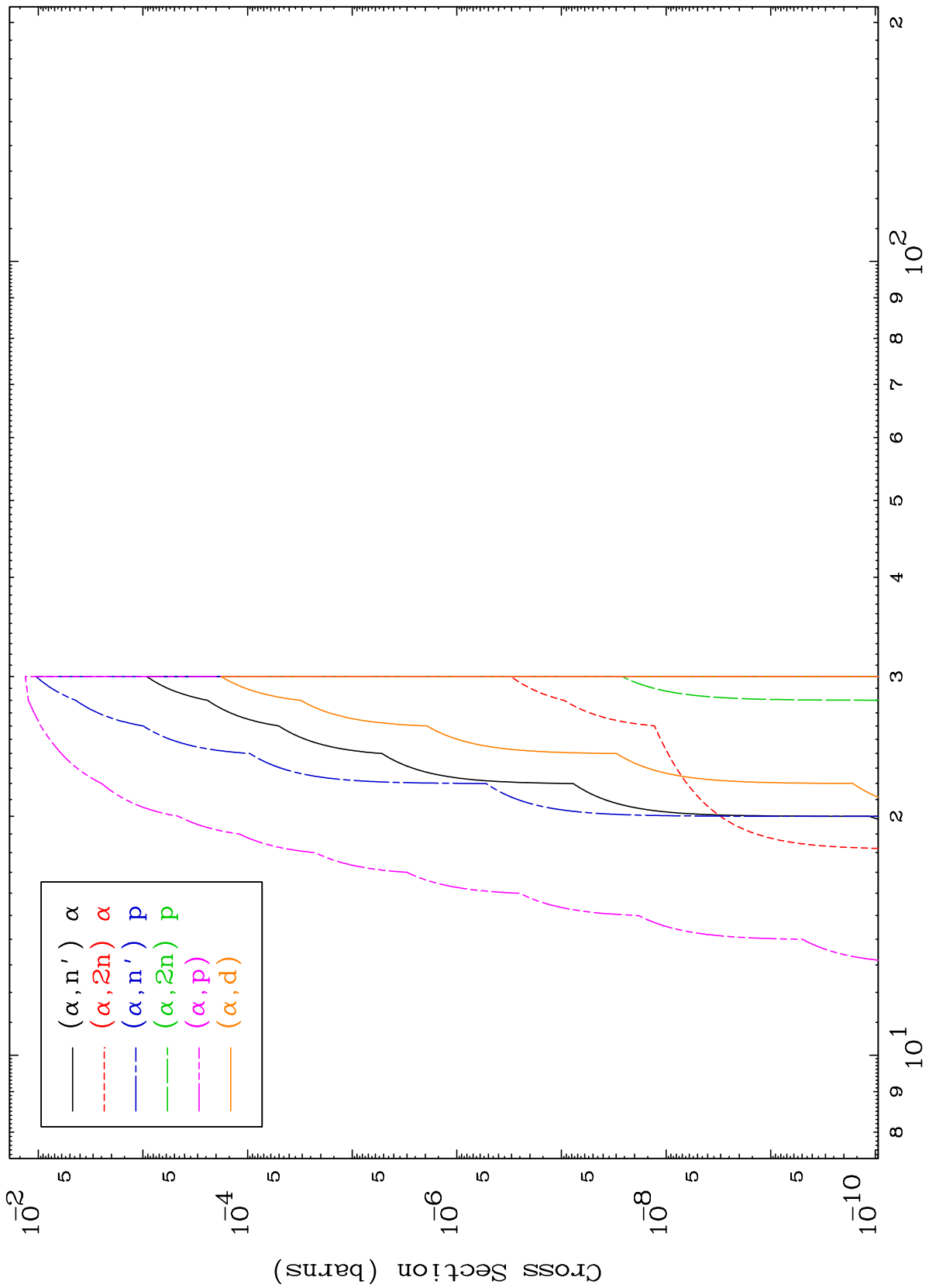
MAT 8289

α Neutron Production
0 Kelvin Cross Sections

83-Bi-197



83-Bi-197

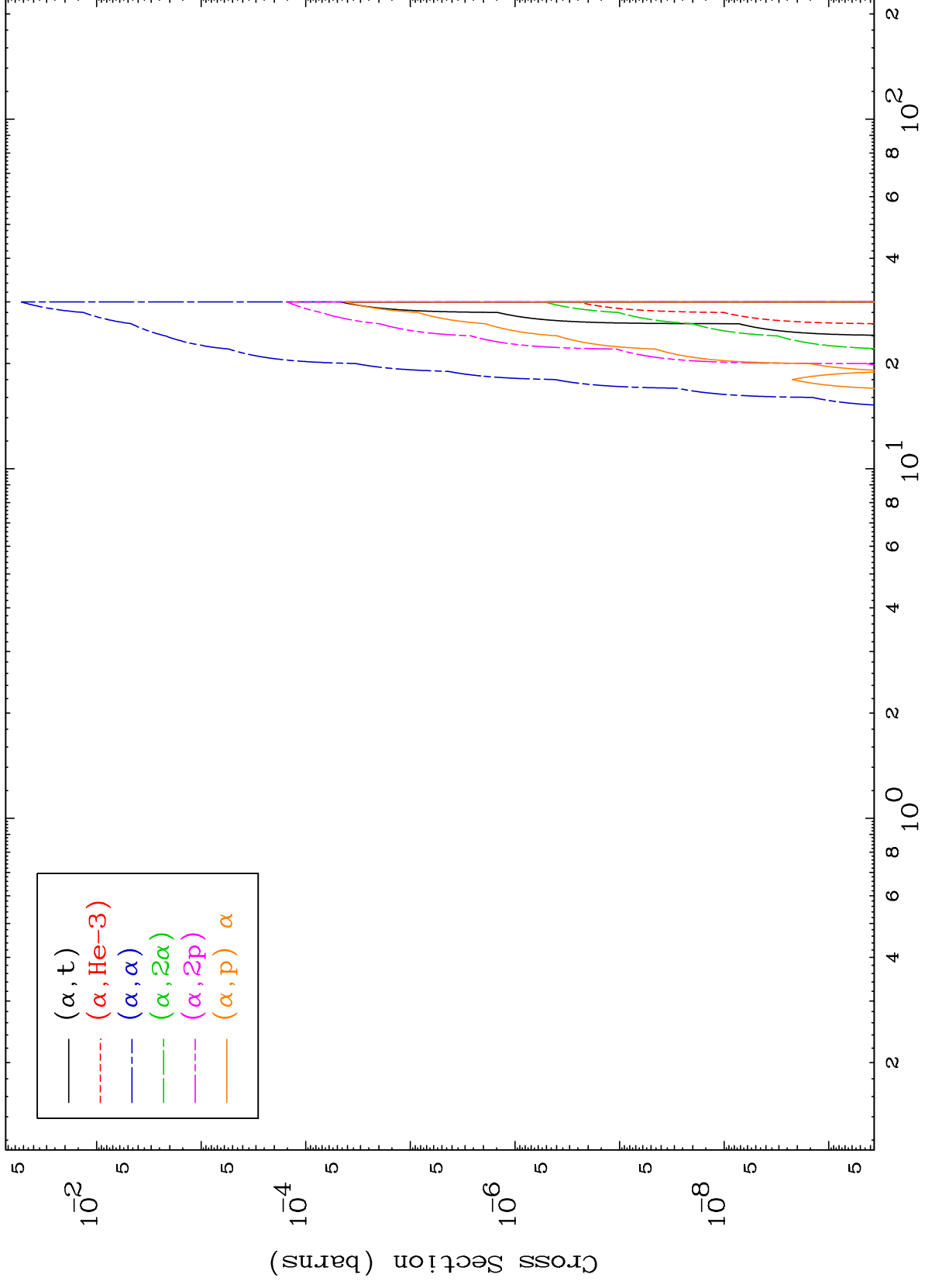


MAT 8289

α Charged Particle

83-Bi-197

0 Kelvin Cross Sections



Incident Energy (MeV)

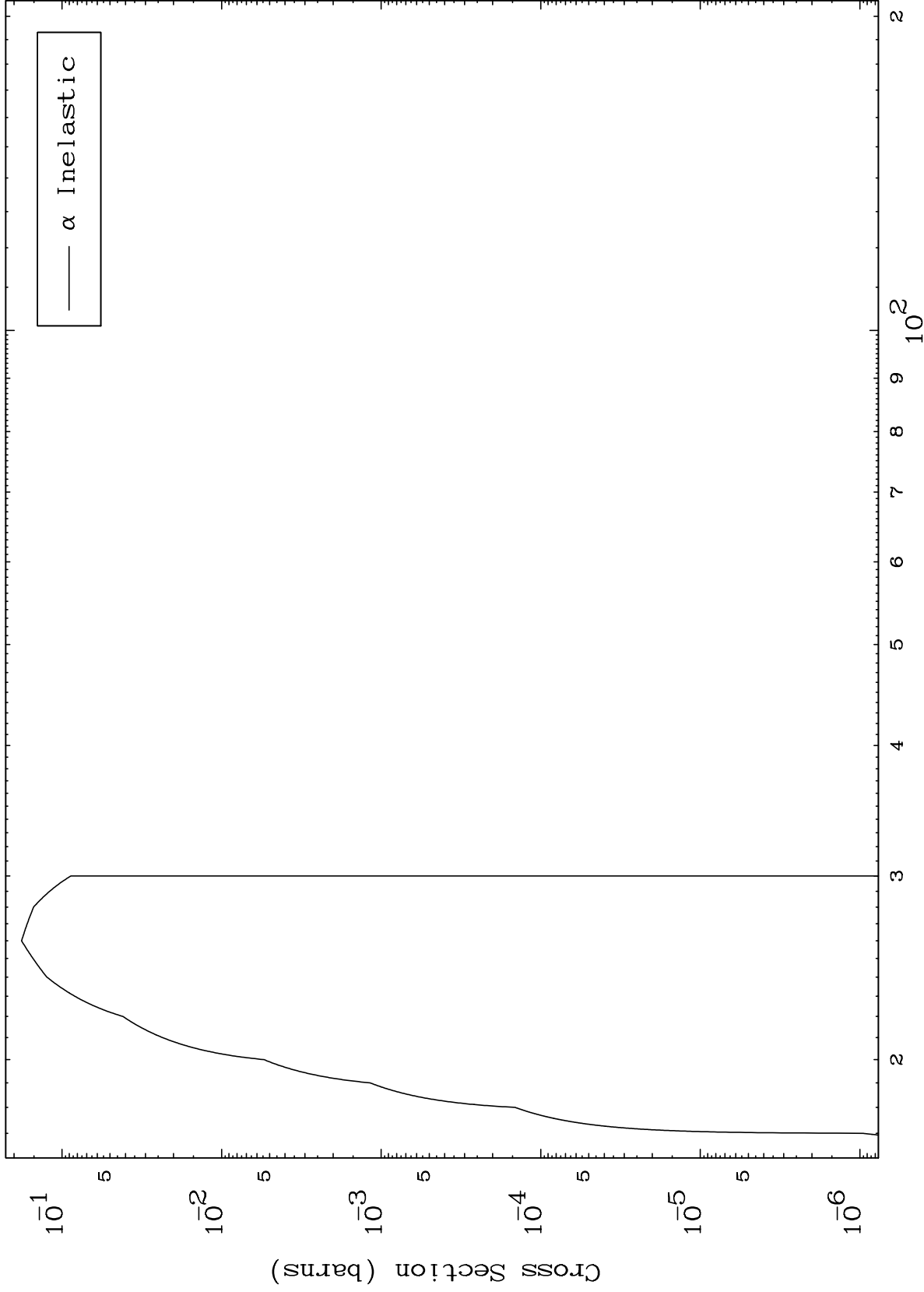
83-Bi-197

MAT 8289

(α, n') Level

83-Bi-197

0 Kelvin Cross Sections



5

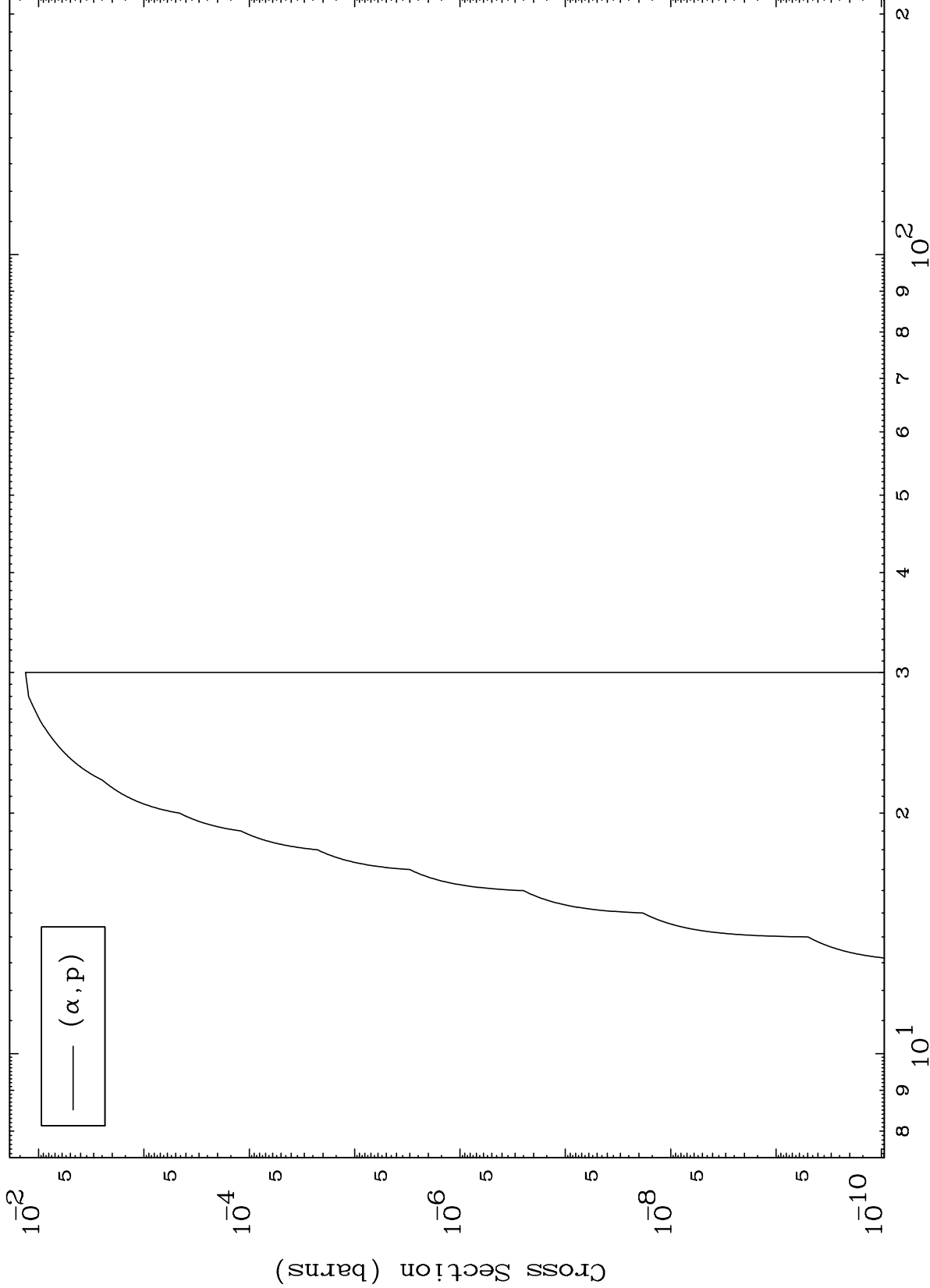
Incident Energy (MeV)

83-Bi-197

MAT 8289

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-197



6

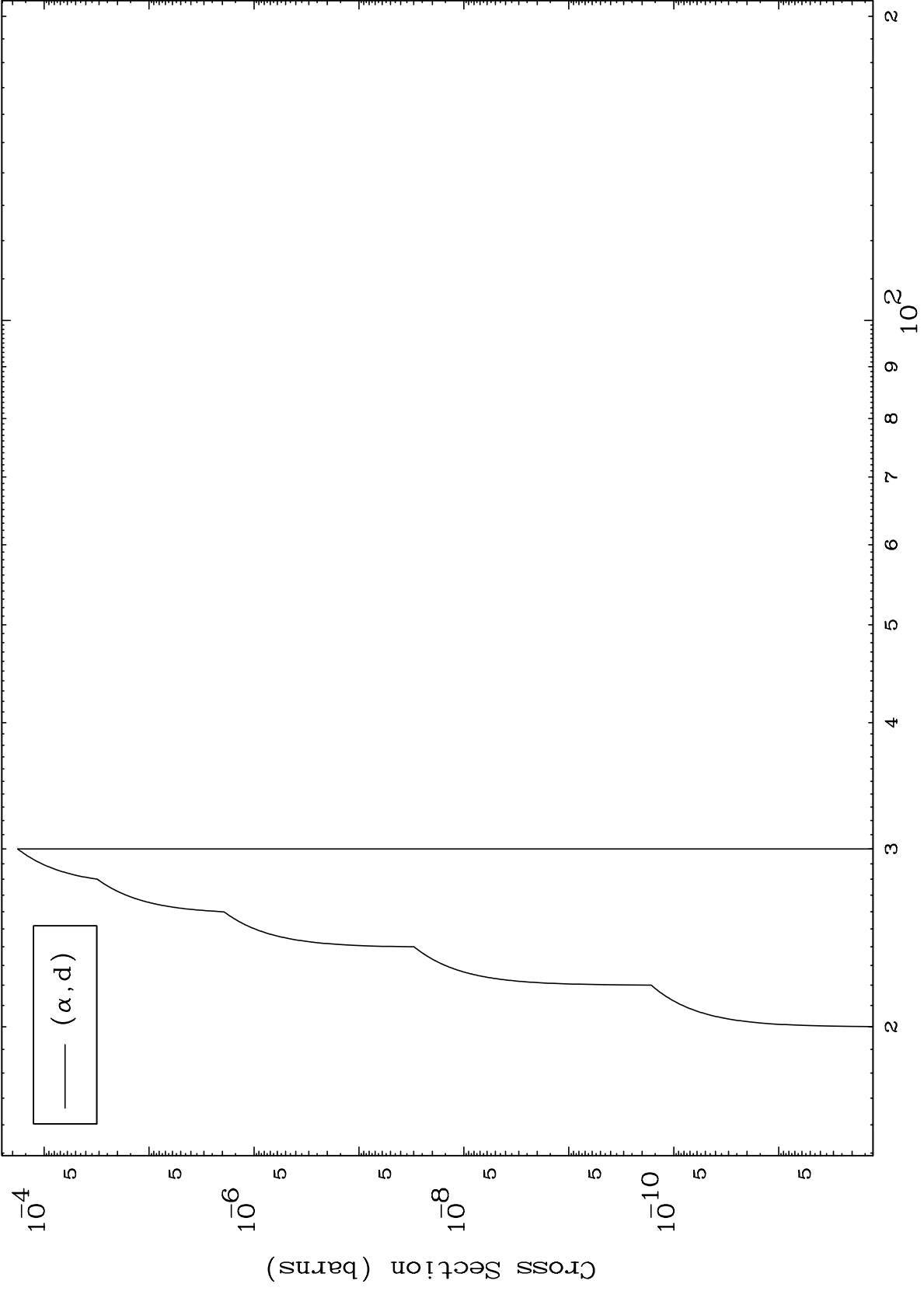
Incident Energy (MeV)

83-Bi-197

MAT 8289

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-197



7

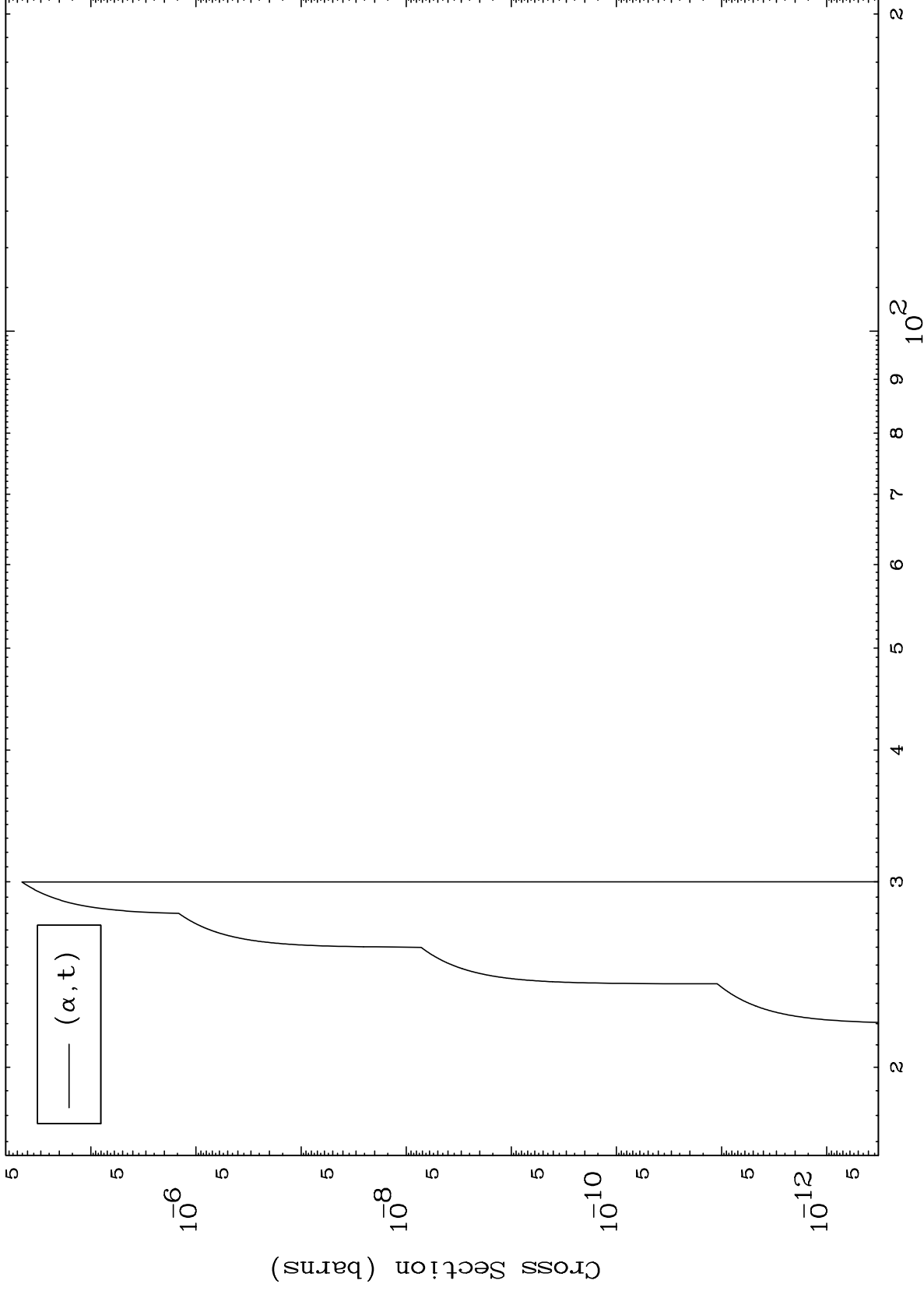
Incident Energy (MeV)

83-Bi-197

MAT 8289

(α, t) Levels
0 Kelvin Cross Sections

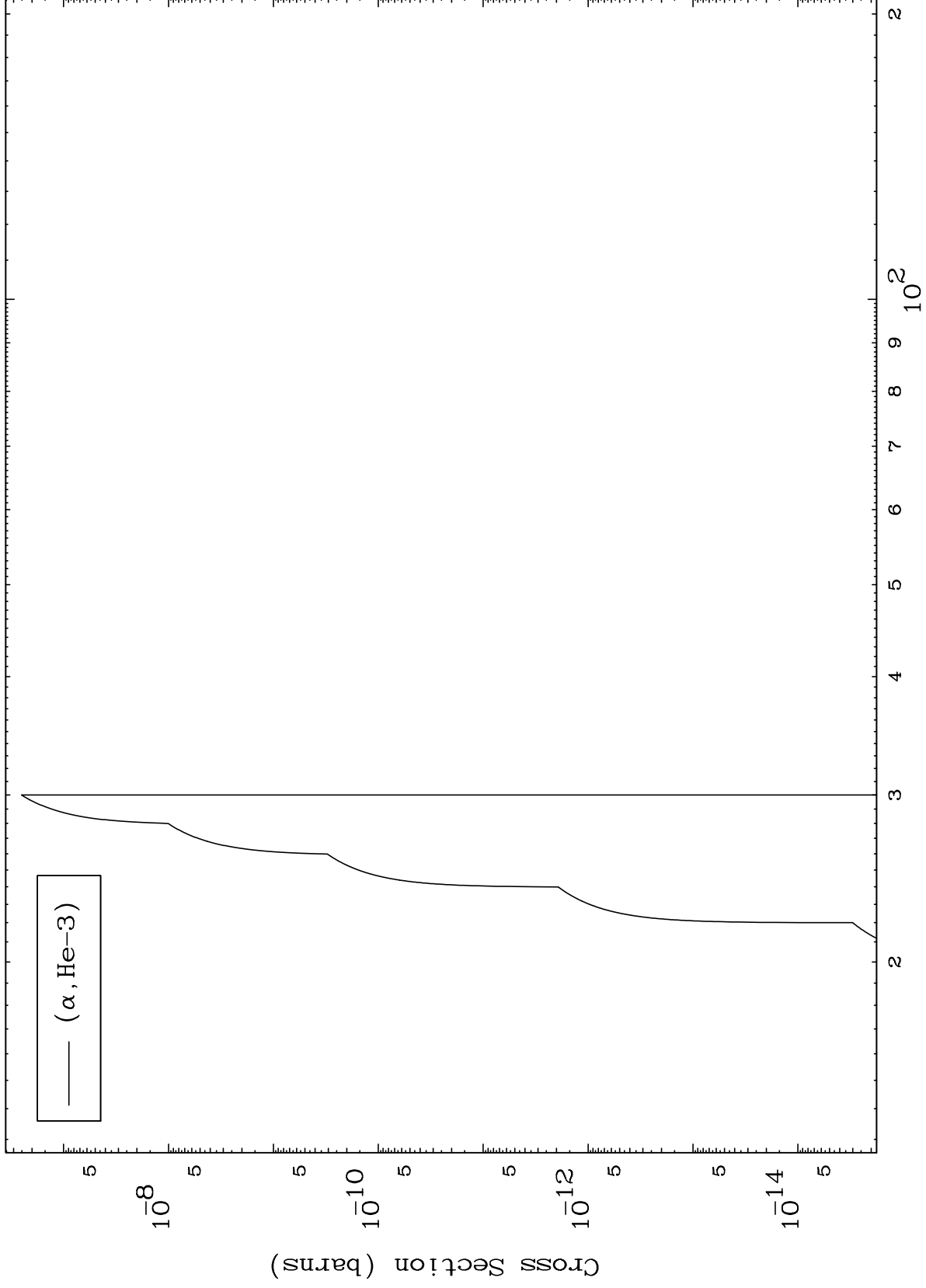
83-Bi-197



8

Incident Energy (MeV)

83-Bi-197

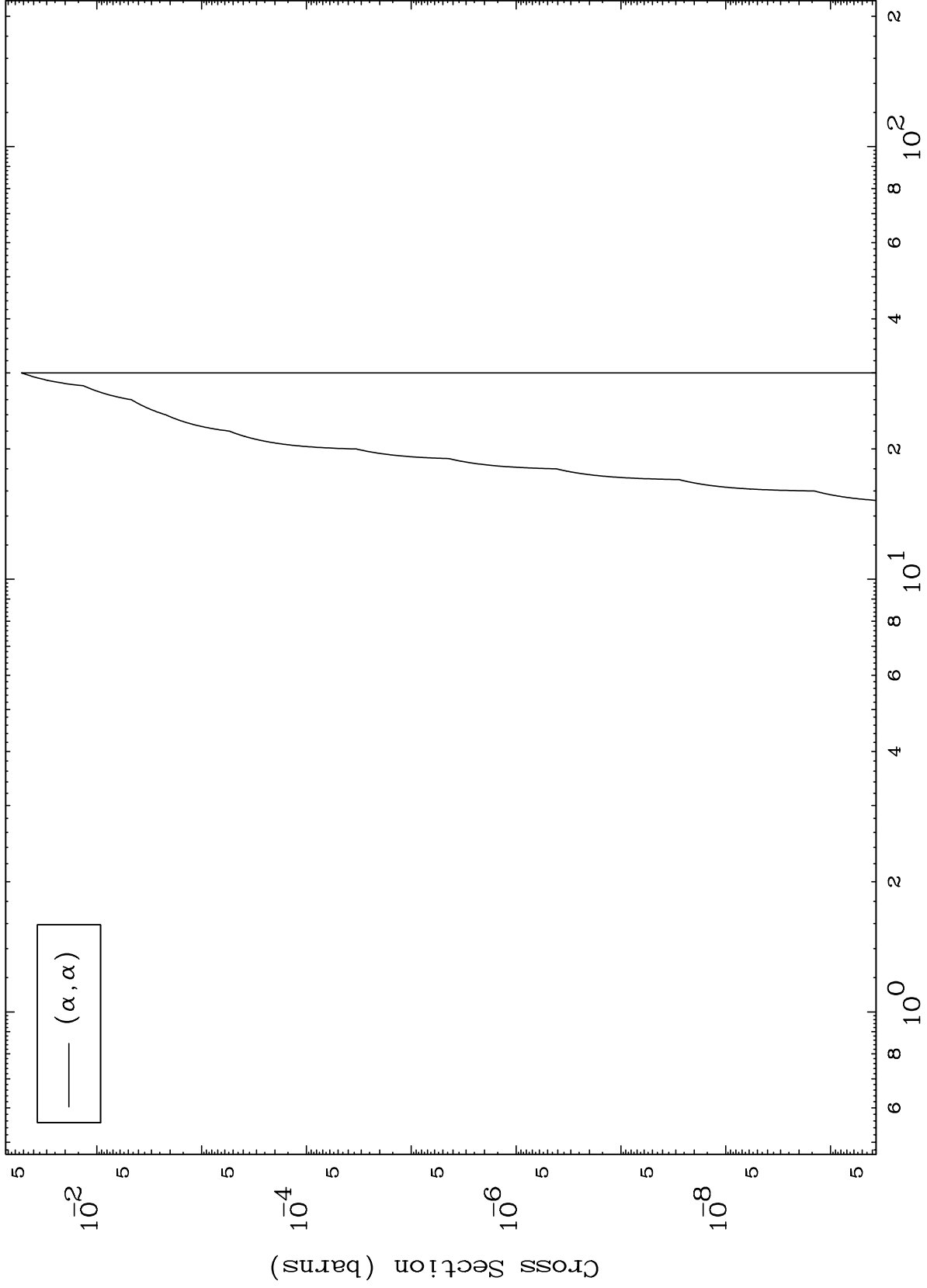


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(α, α) Levels

83-Bi-197

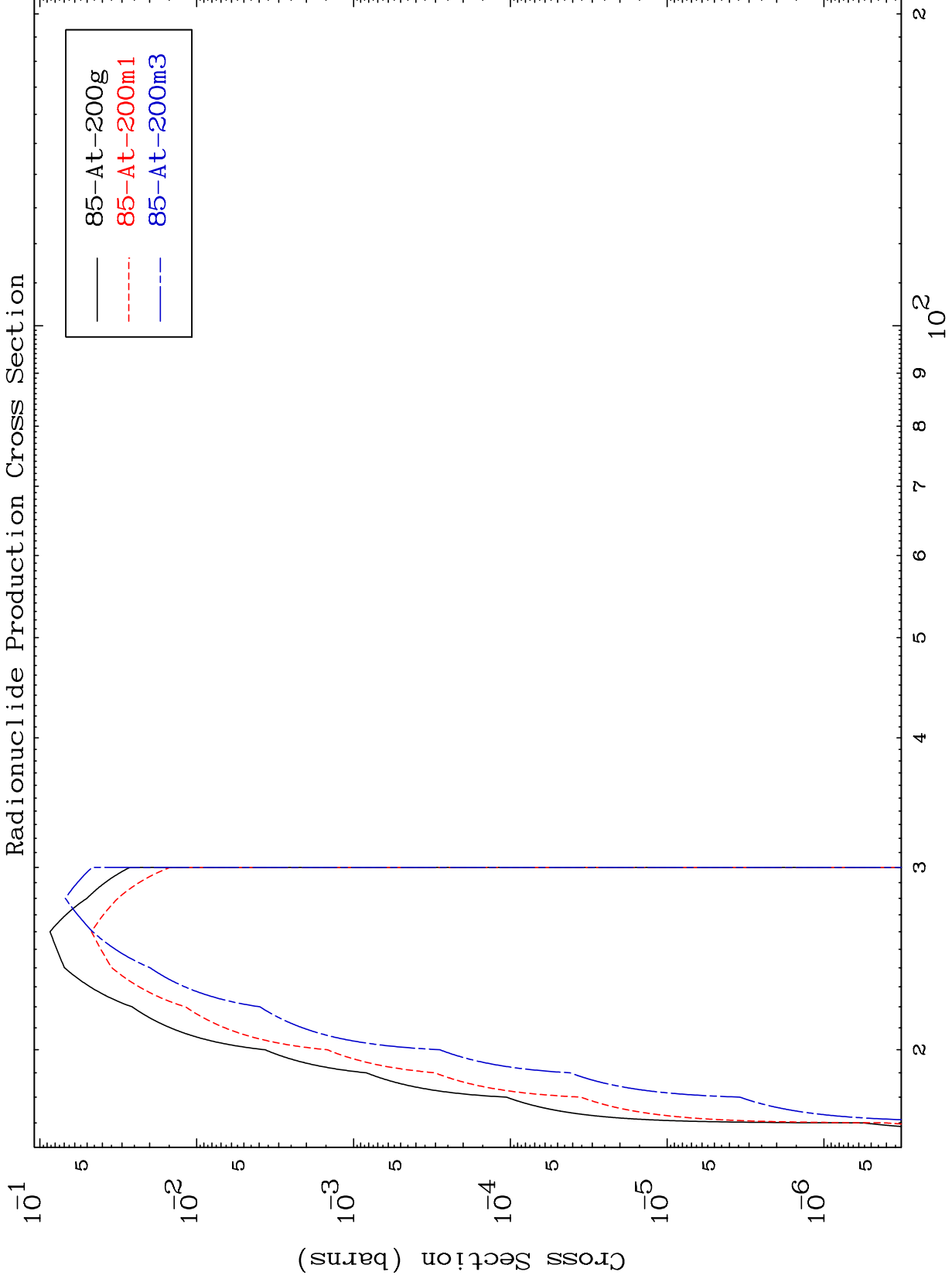
0 Kelvin Cross Sections



10

Incident Energy (MeV)

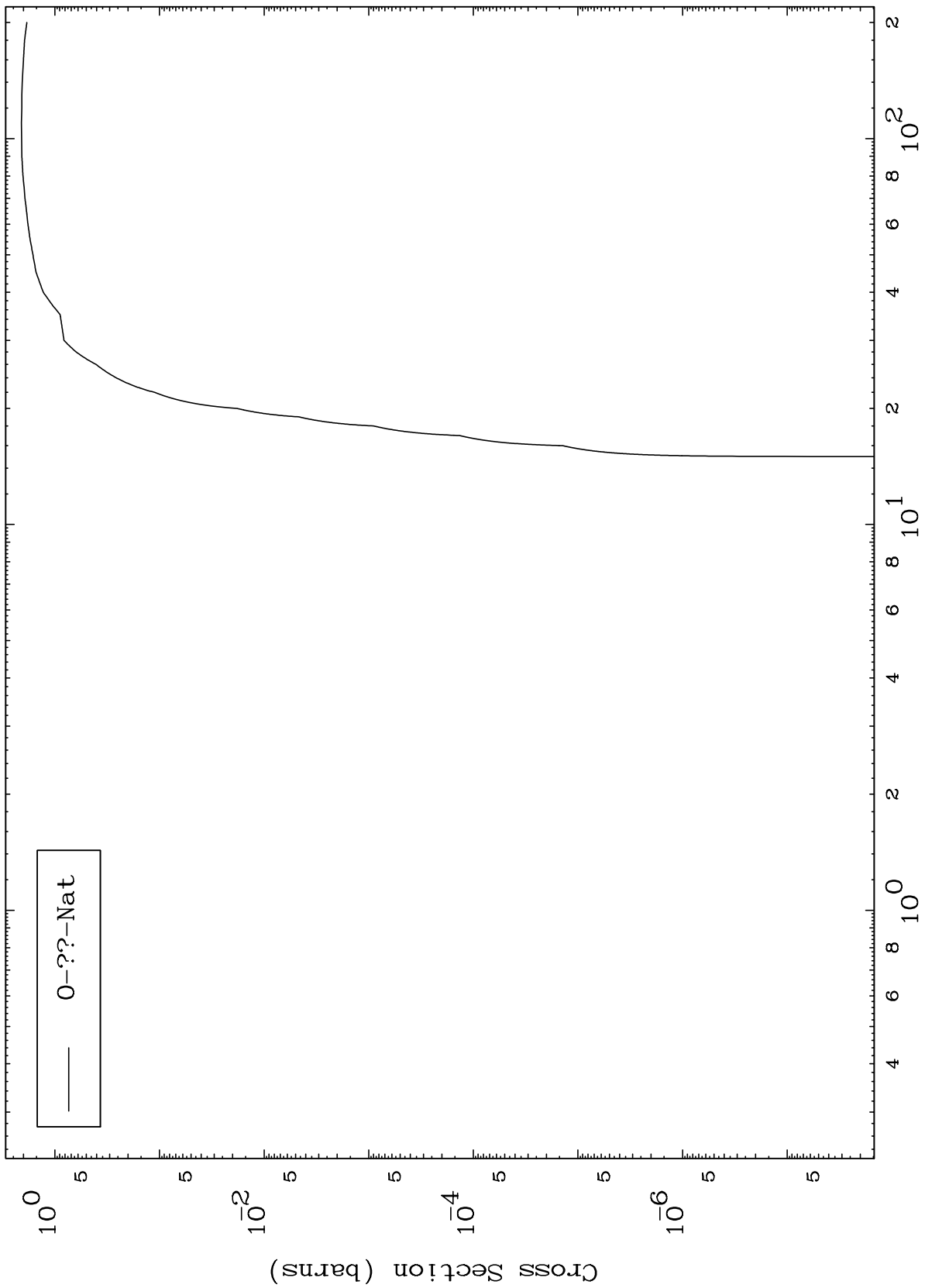
83-Bi-197



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83-Bi-197

α Fission
Radionuclide Production Cross Section



— 0-??-Nat

83-Bi-197

Incident Energy (MeV)

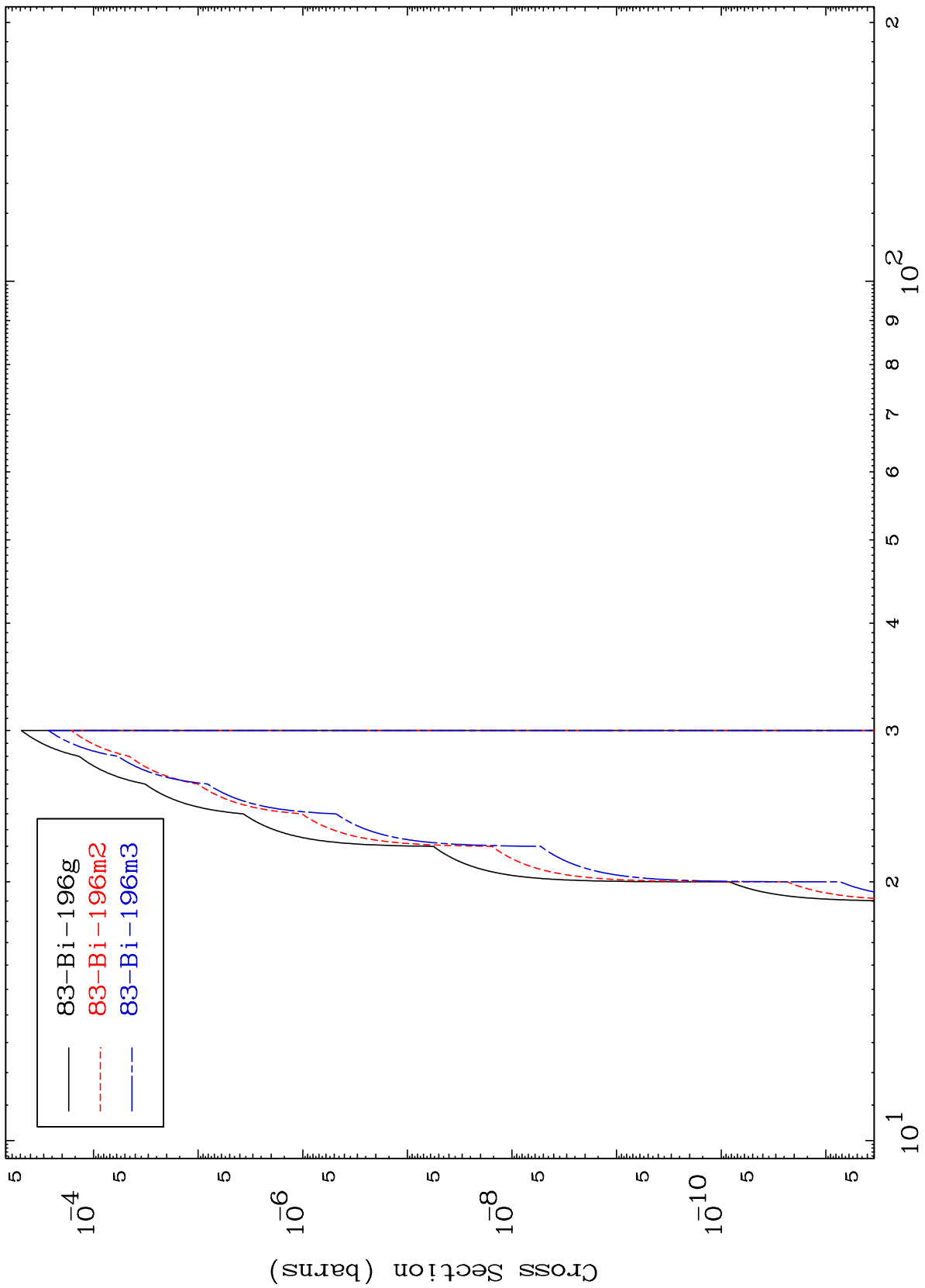
12

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(α, n') α

83-Bi-197

Radionuclide Production Cross Section



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

Incident Energy (MeV)

83-Bi-197

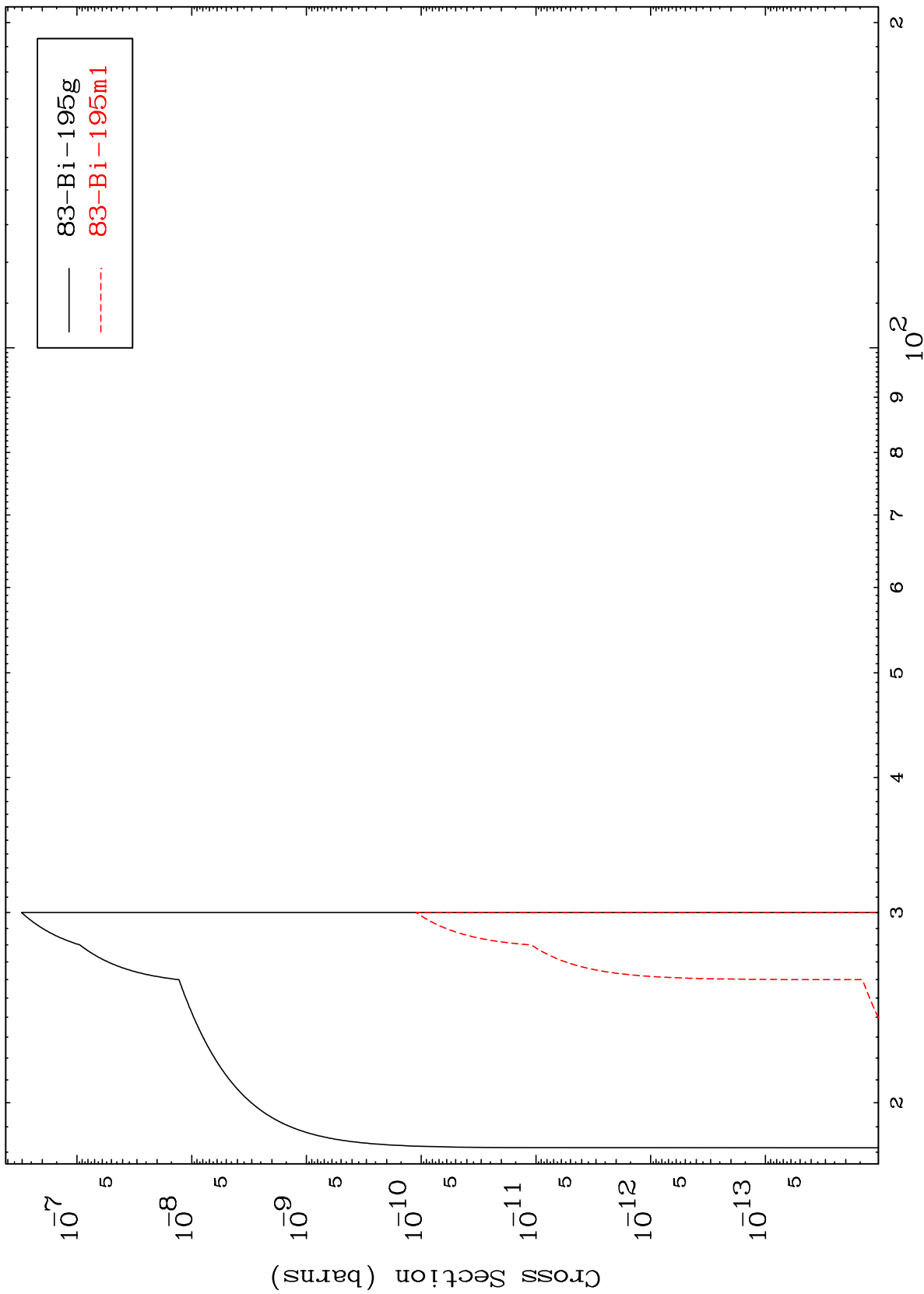
13

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$(\alpha, 2n) \alpha$

83-Bi-197

Radionuclide Production Cross Section

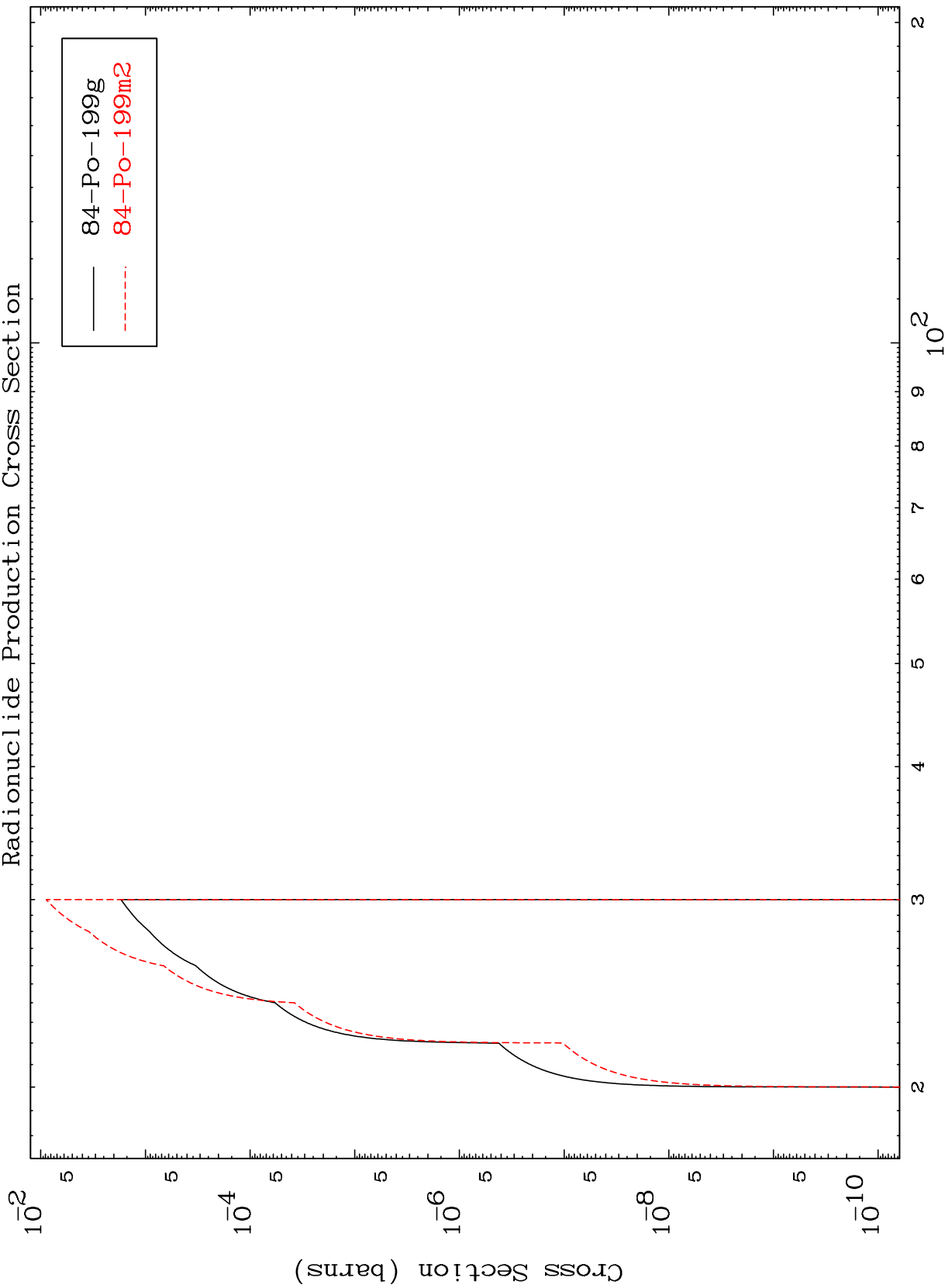


14

Incident Energy (MeV)

83-Bi-197

(α, n') p
Radionuclide Production Cross Section

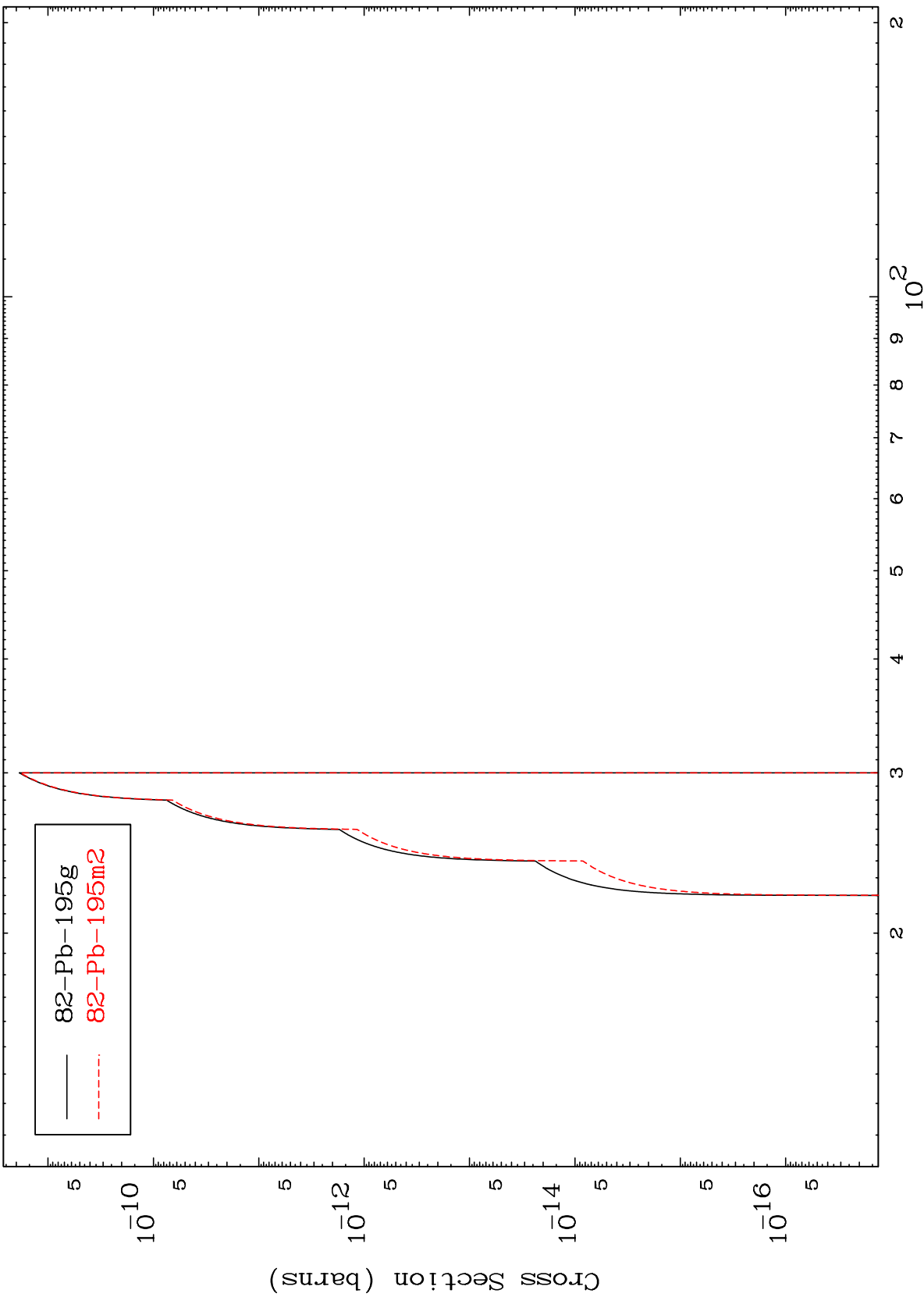


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(α, n') p α

83-Bi-197

Radionuclide Production Cross Section

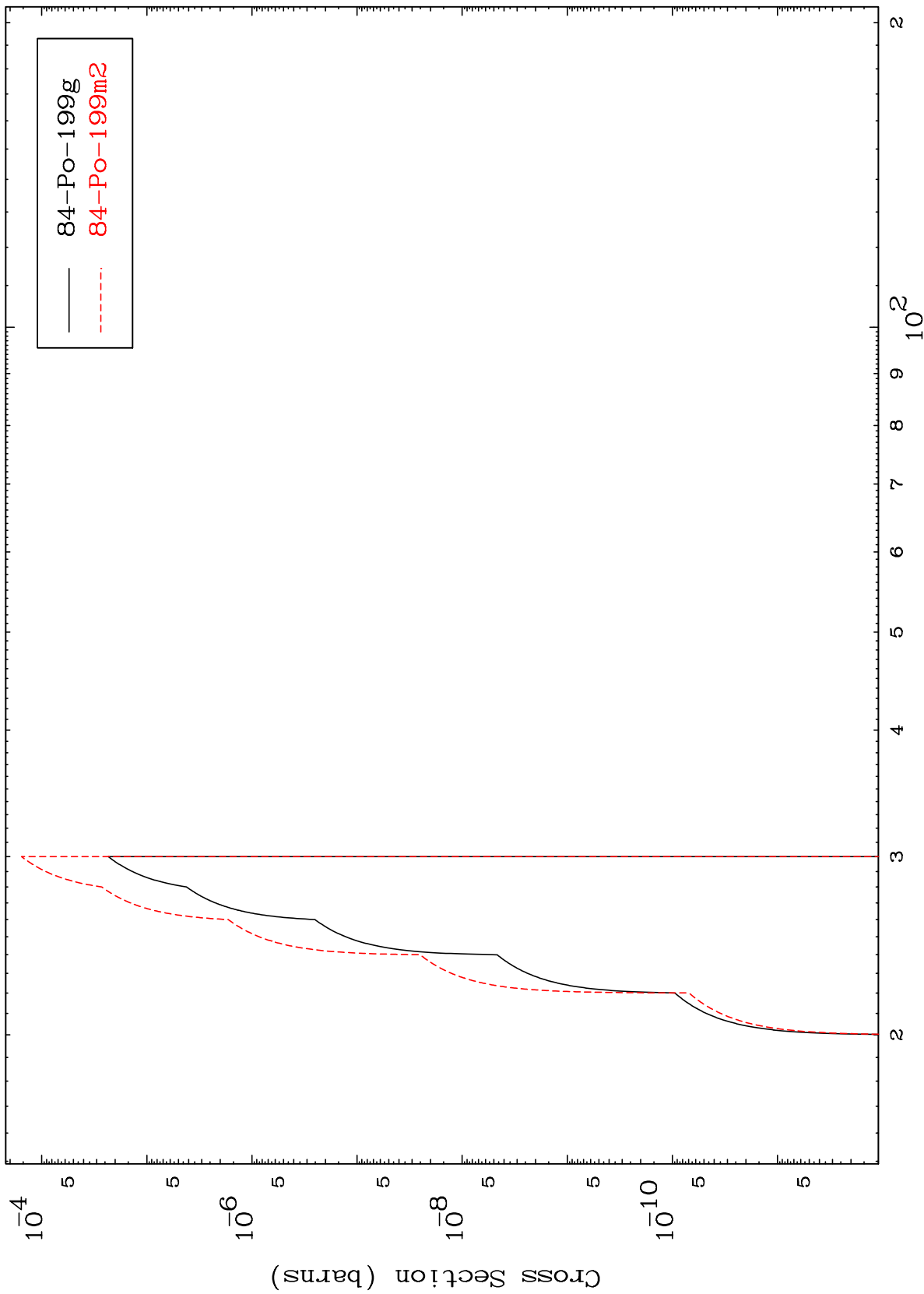


16

Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section

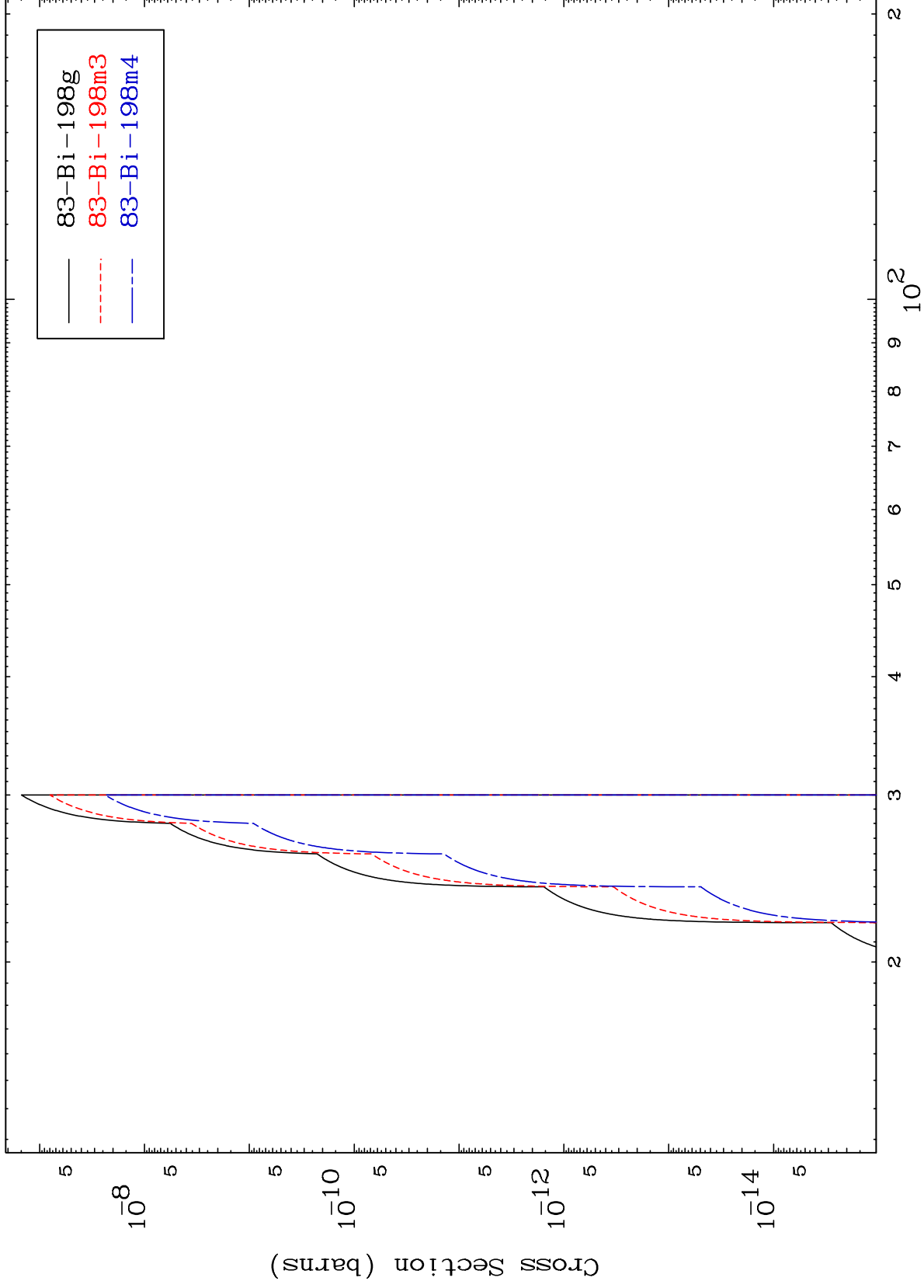


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(α ,He-3)

83-Bi-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

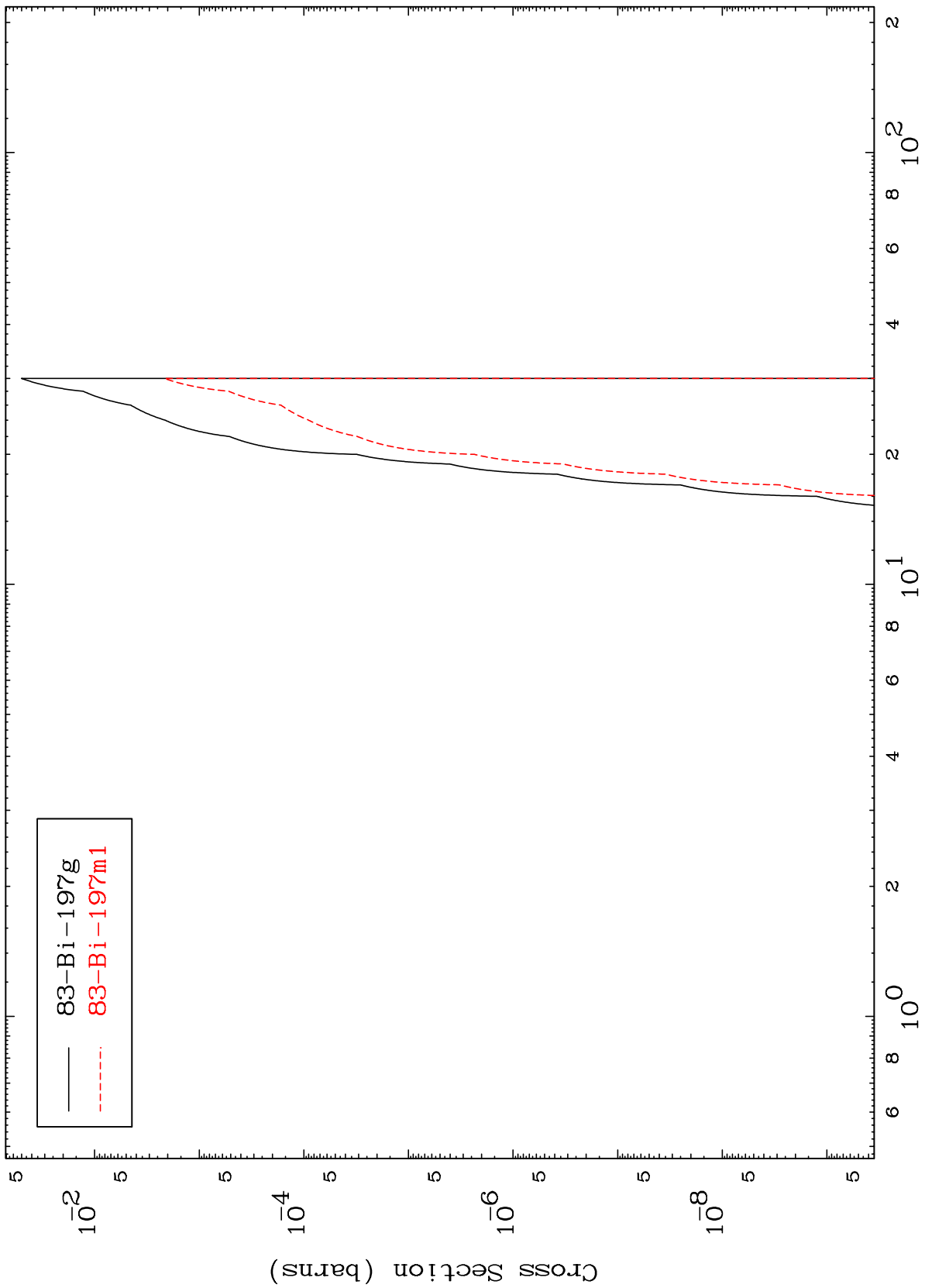
83-Bi-197

MAT 8289

(α, α)

83-Bi-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

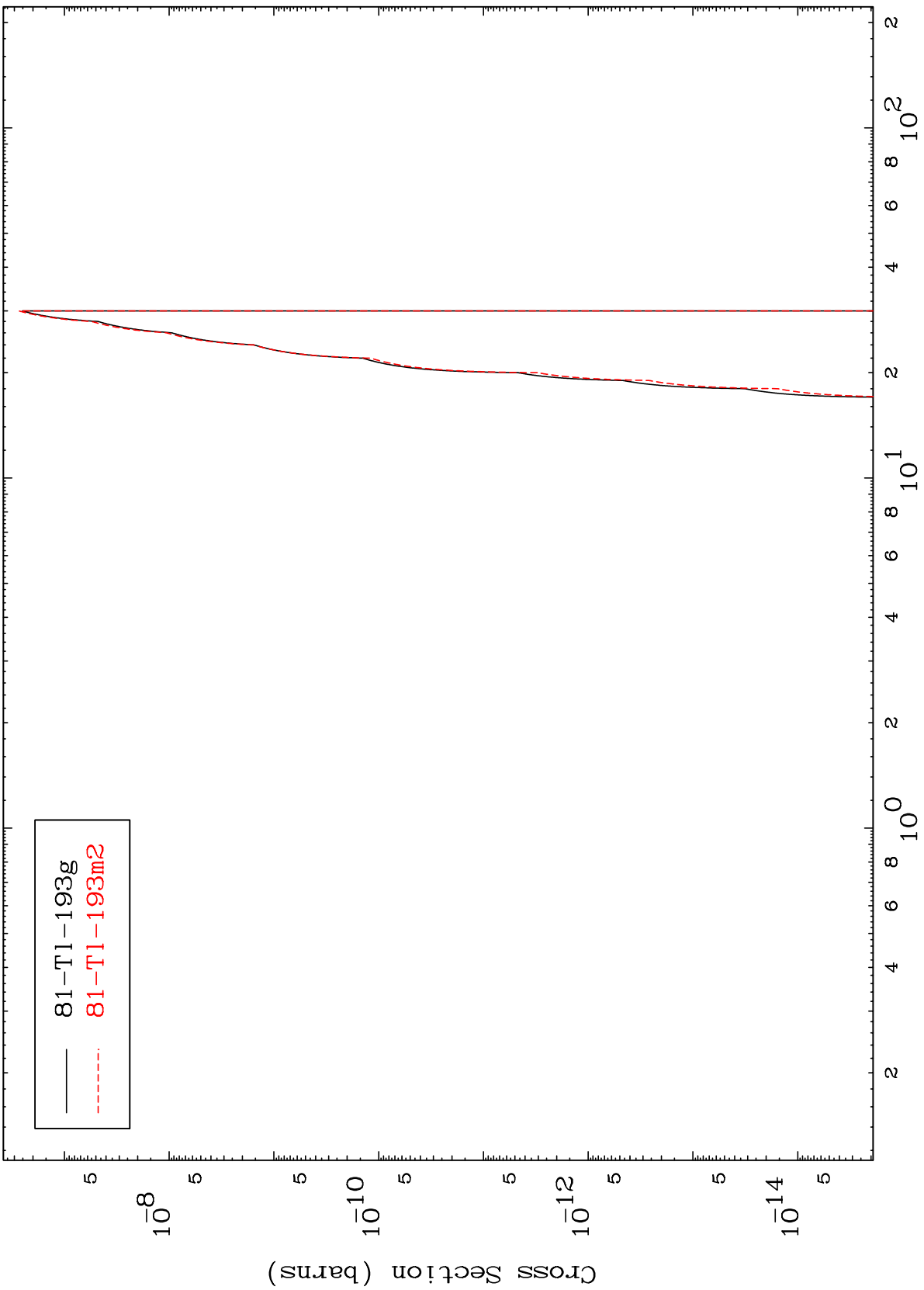
83-Bi-197

MAT 8289

($\alpha, 2\alpha$)

83-Bi-197

Radionuclide Production Cross Section



MAT 8289

83-Bi-197

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

