

Program EVALPLOT
(Version 2018-1)

by

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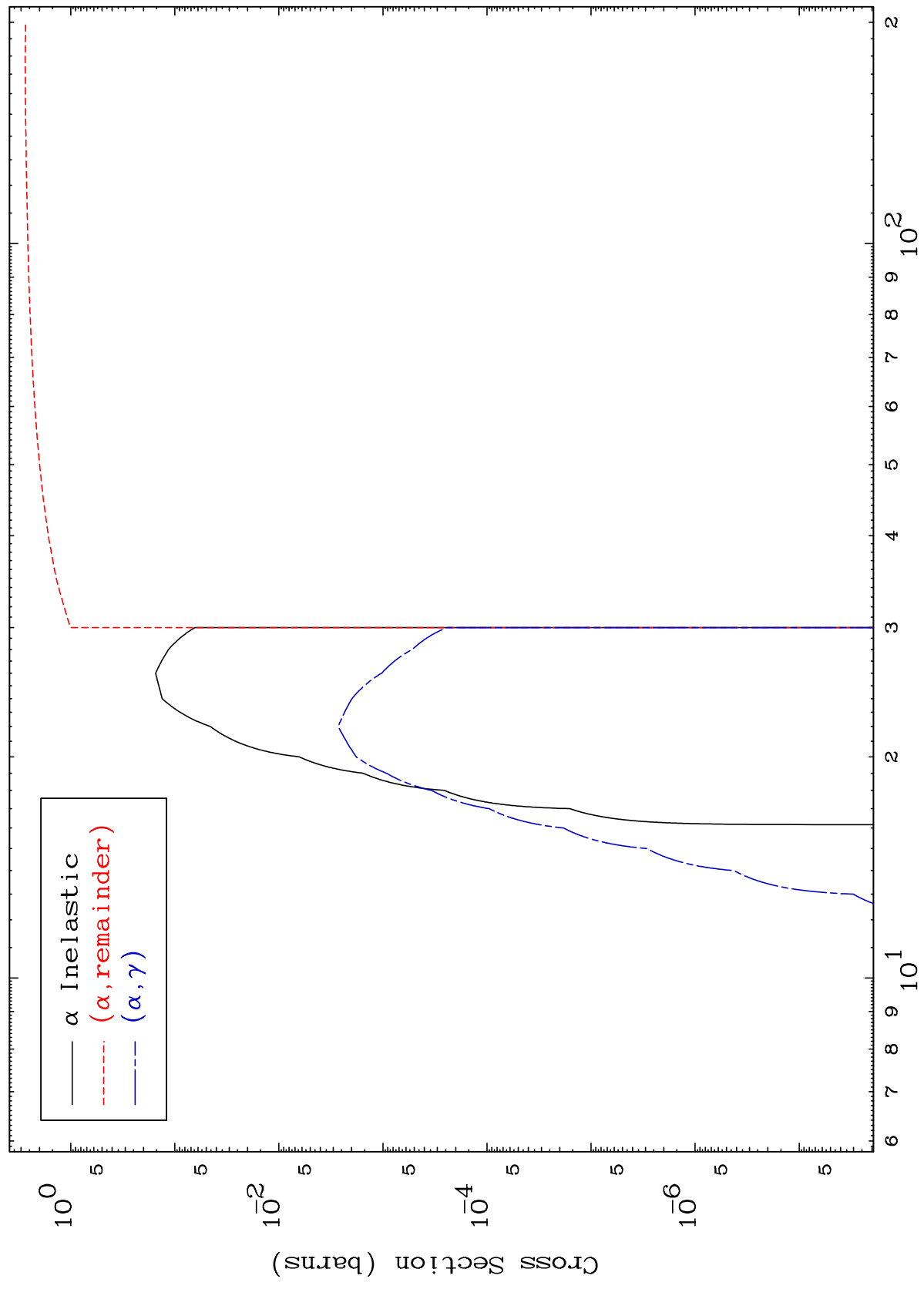
Press Mouse Button to Start

MAT 8290

0 Kelvin

α Major Cross Sections

83-Bi-197

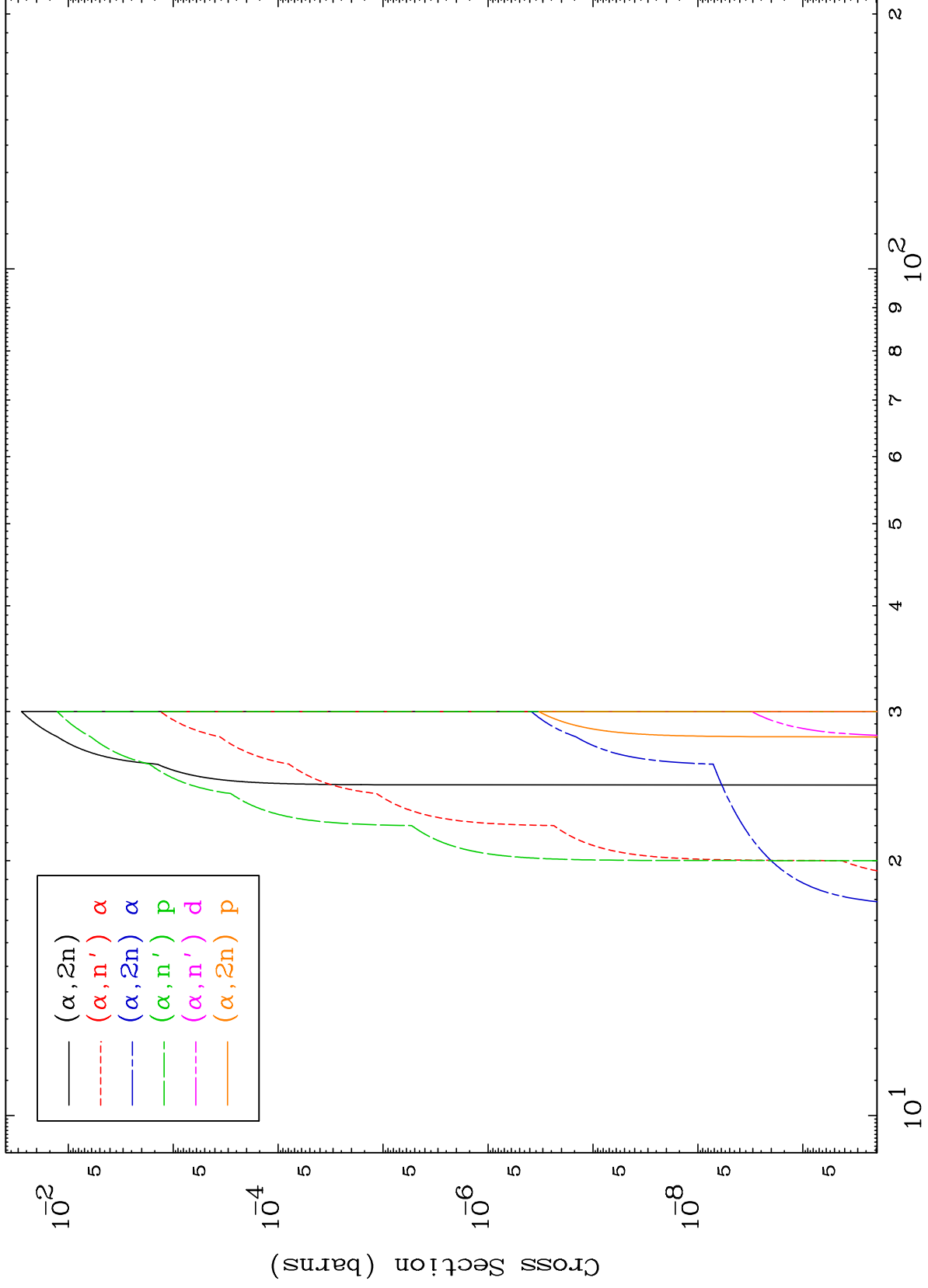


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 8290

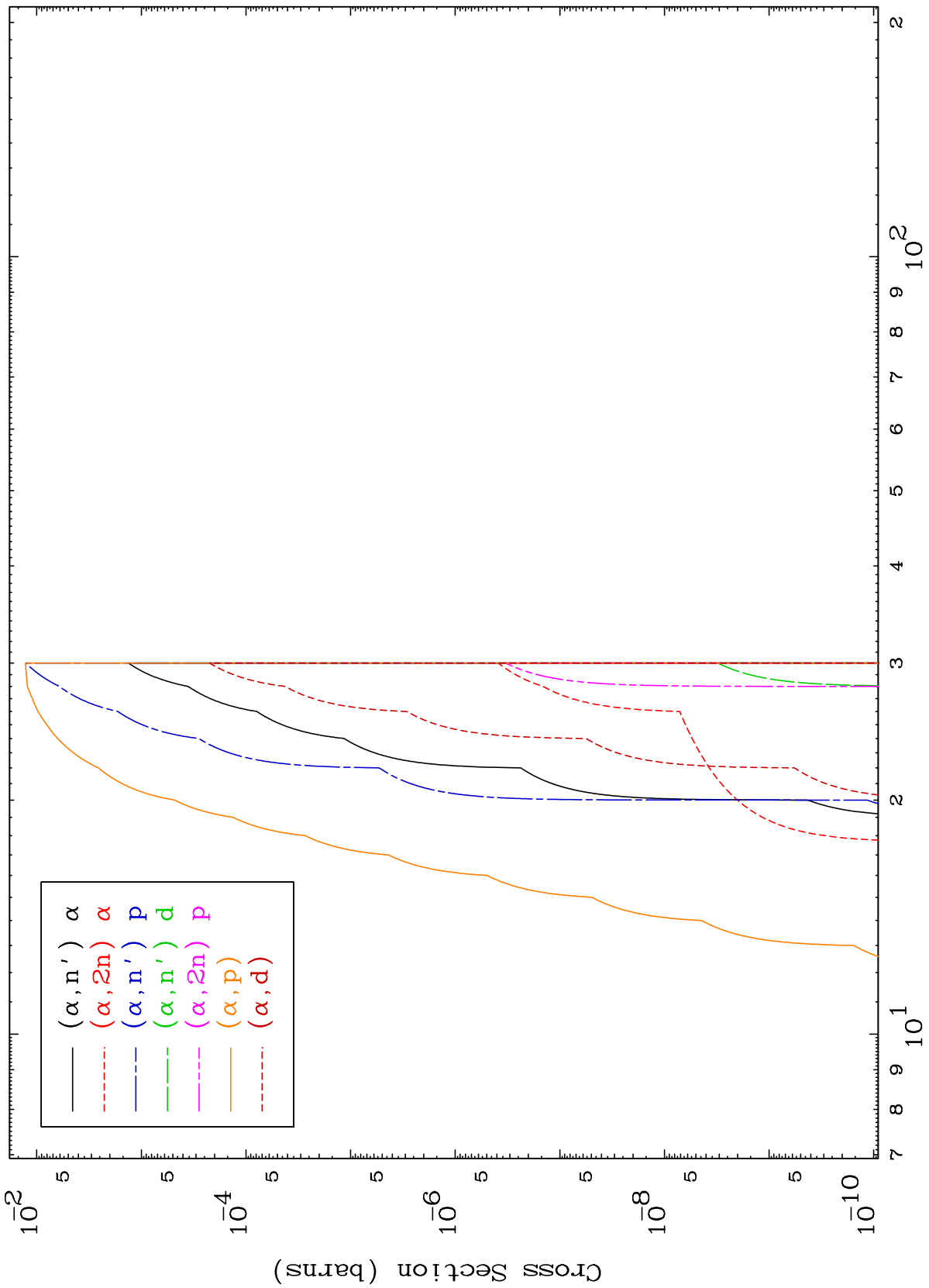
α Neutron Production
0 Kelvin Cross Sections

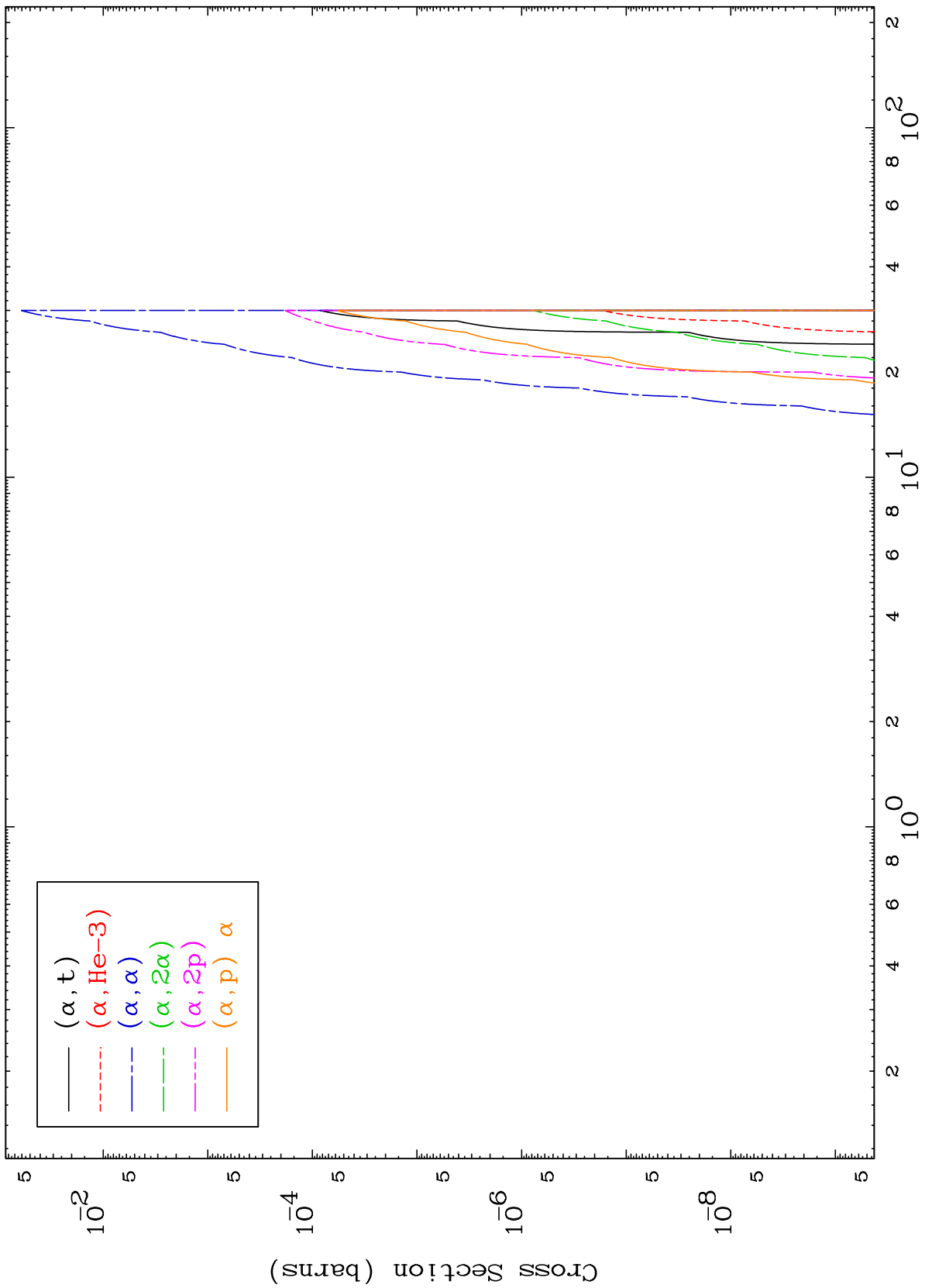
83-Bi-197



Incident Energy (MeV)

83-Bi-197



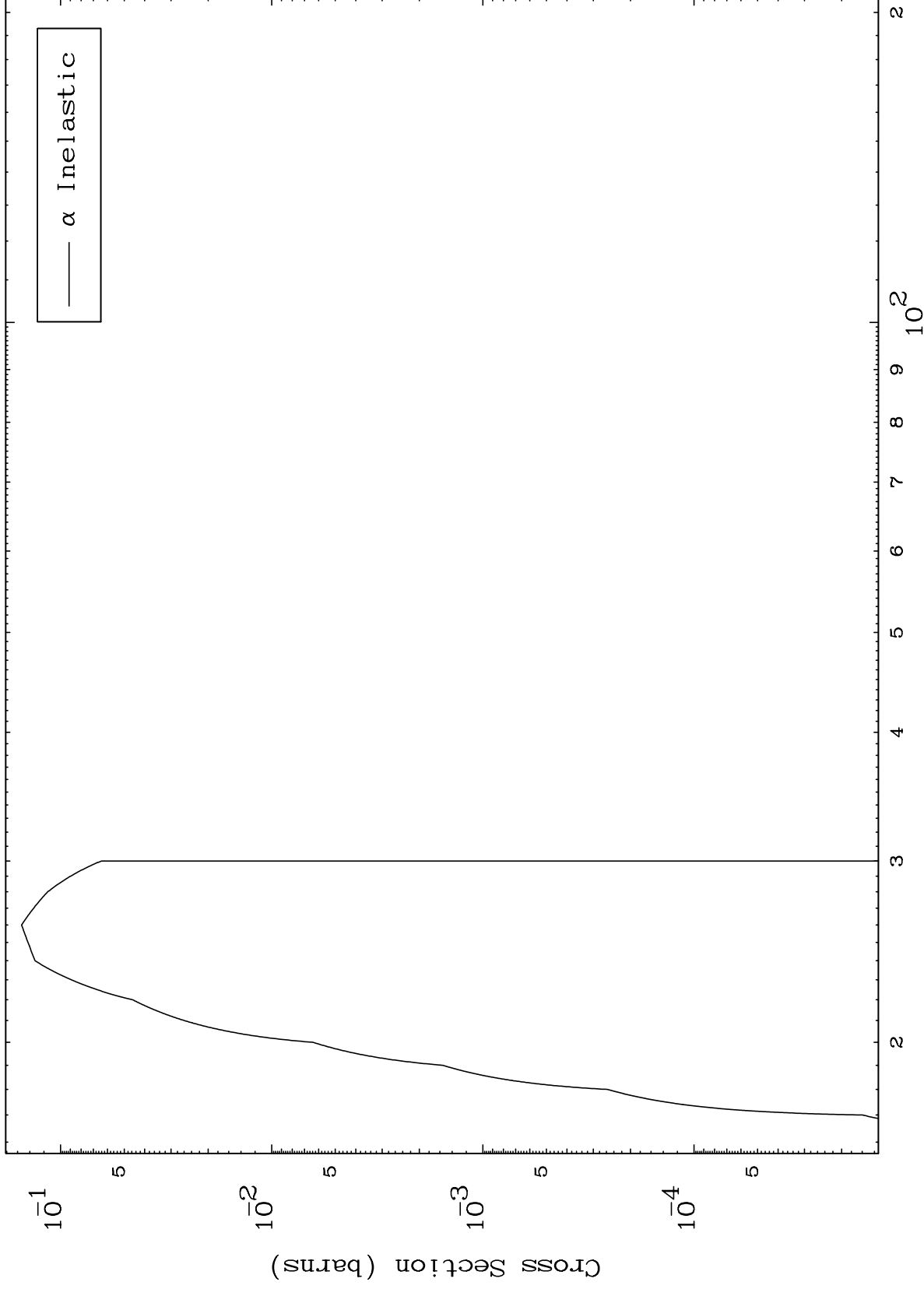


MAT 8290

(α, n') Level

83-Bi-197

0 Kelvin Cross Sections



5

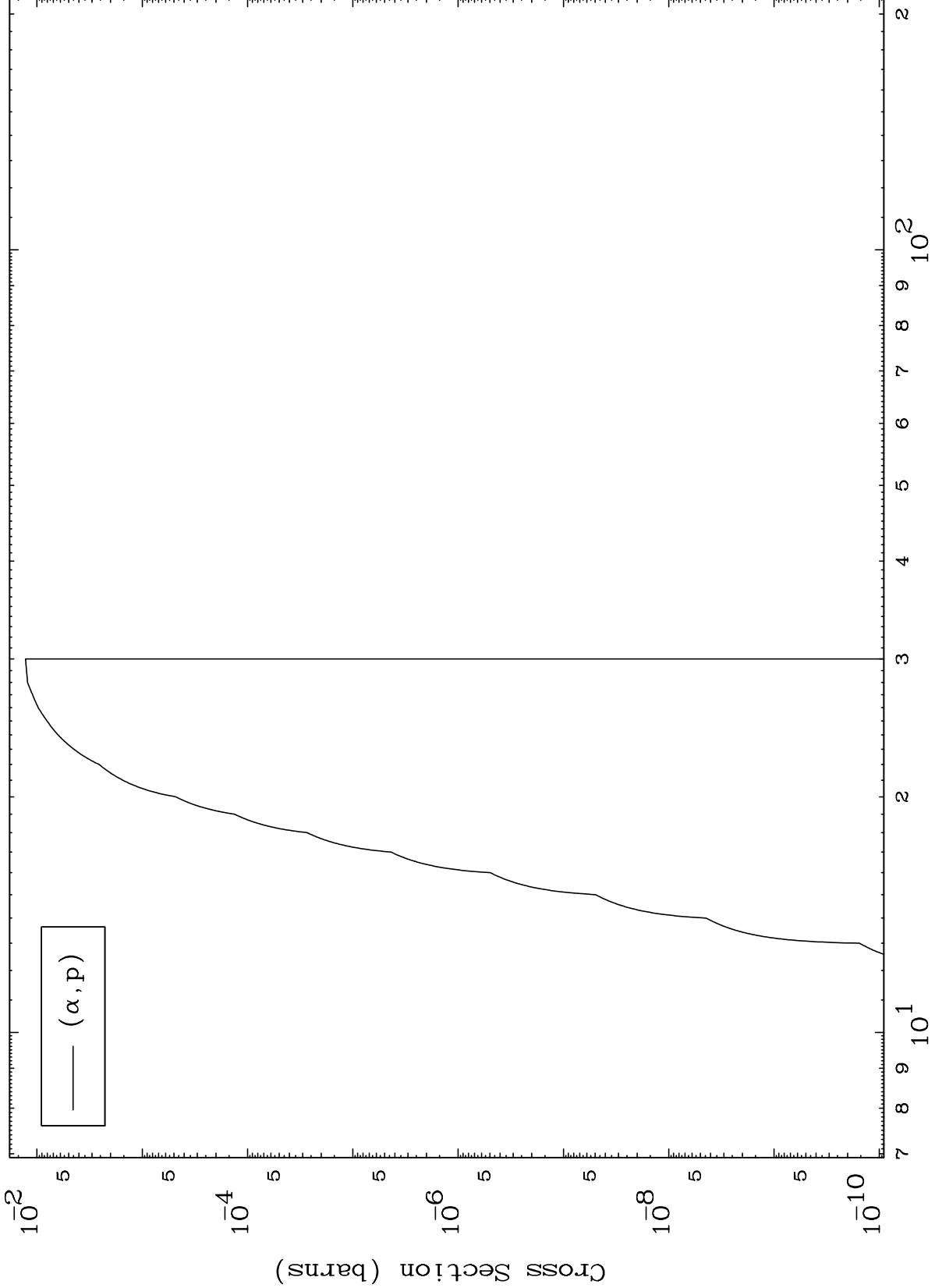
Incident Energy (MeV)

83-Bi-197

MAT 8290

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-197



Incident Energy (MeV)

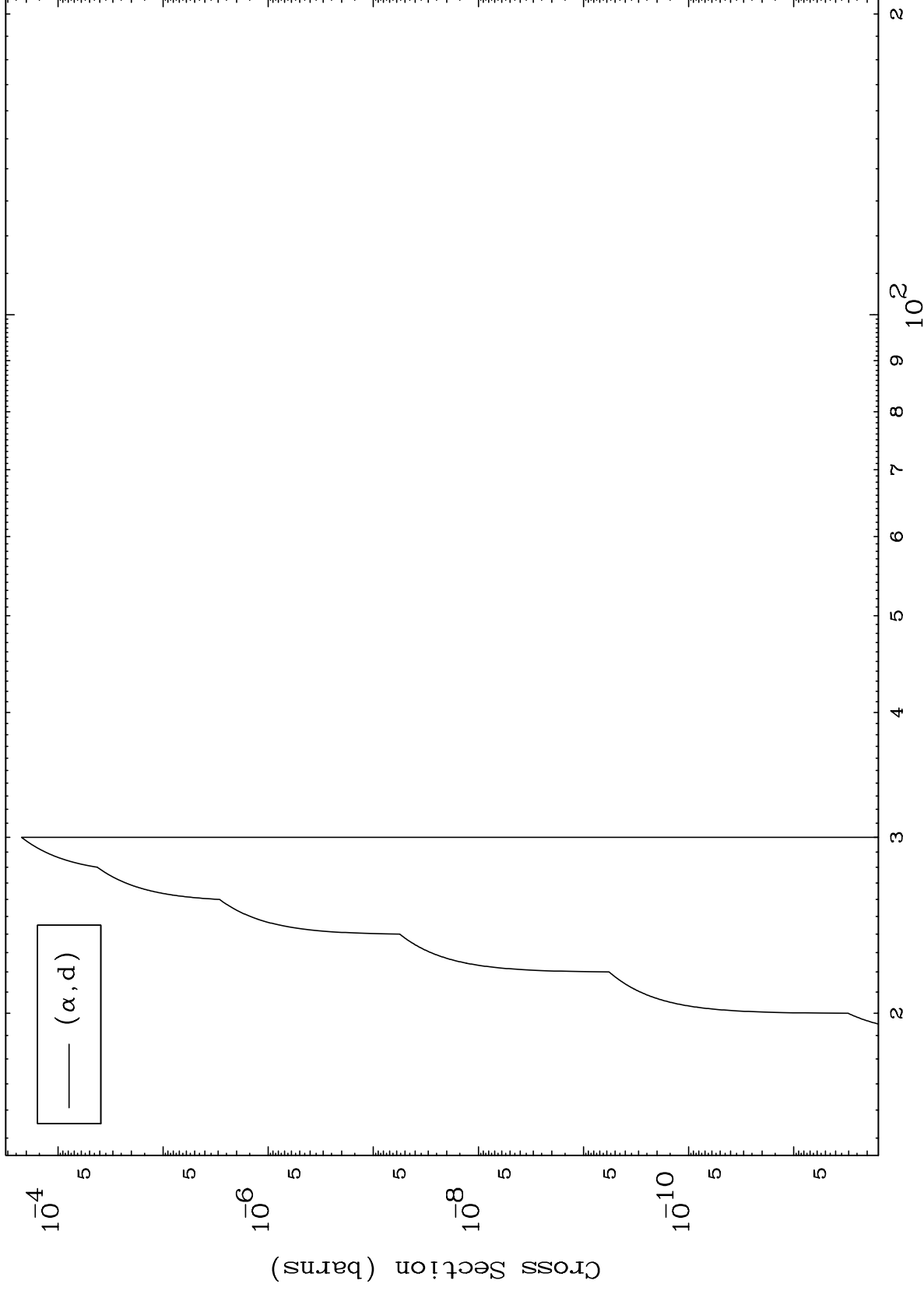
83-Bi-197

6

MAT 8290

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-197



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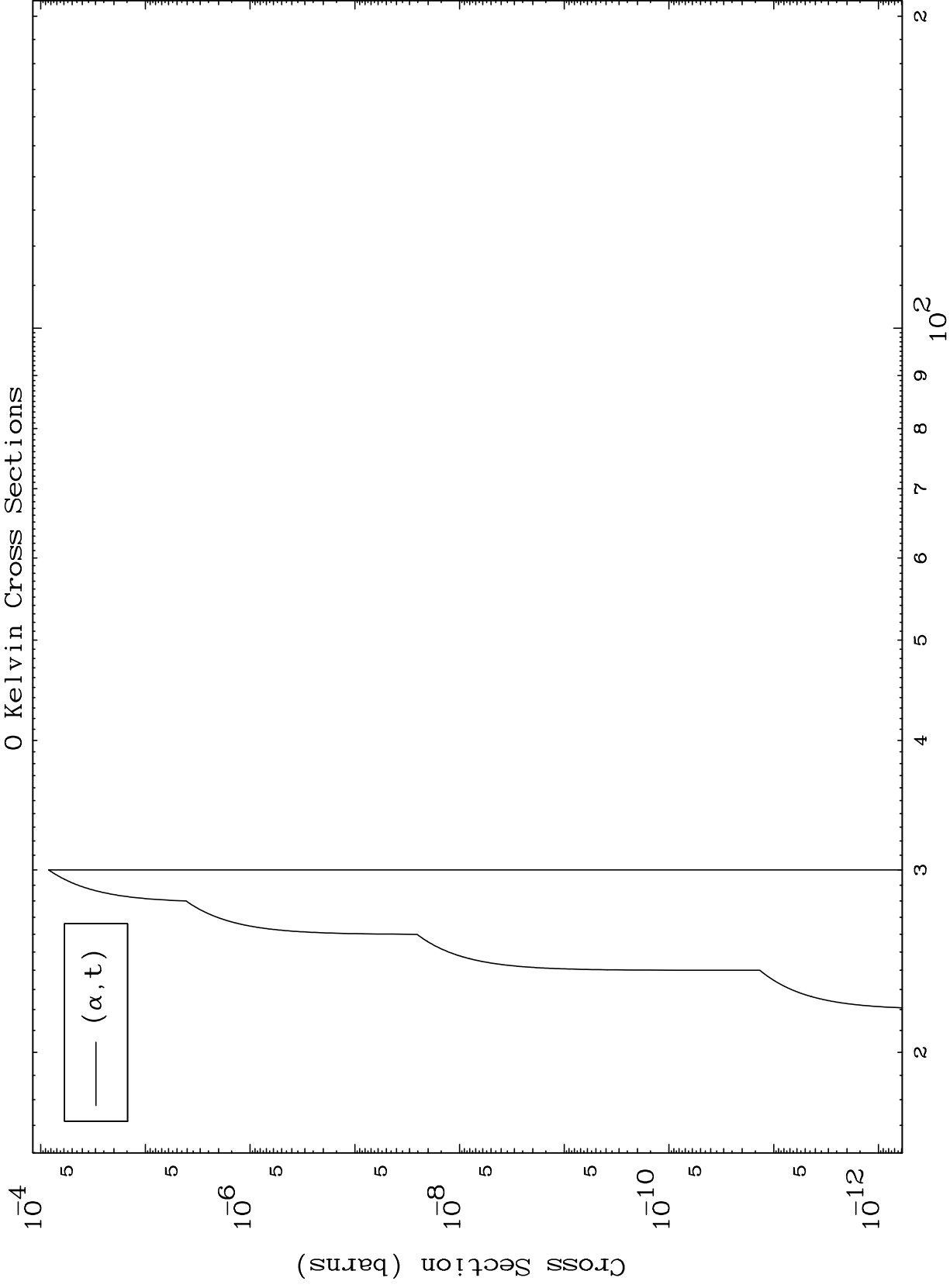
Incident Energy (MeV)

83-Bi-197

MAT 8290

(α, t) Levels
0 Kelvin Cross Sections

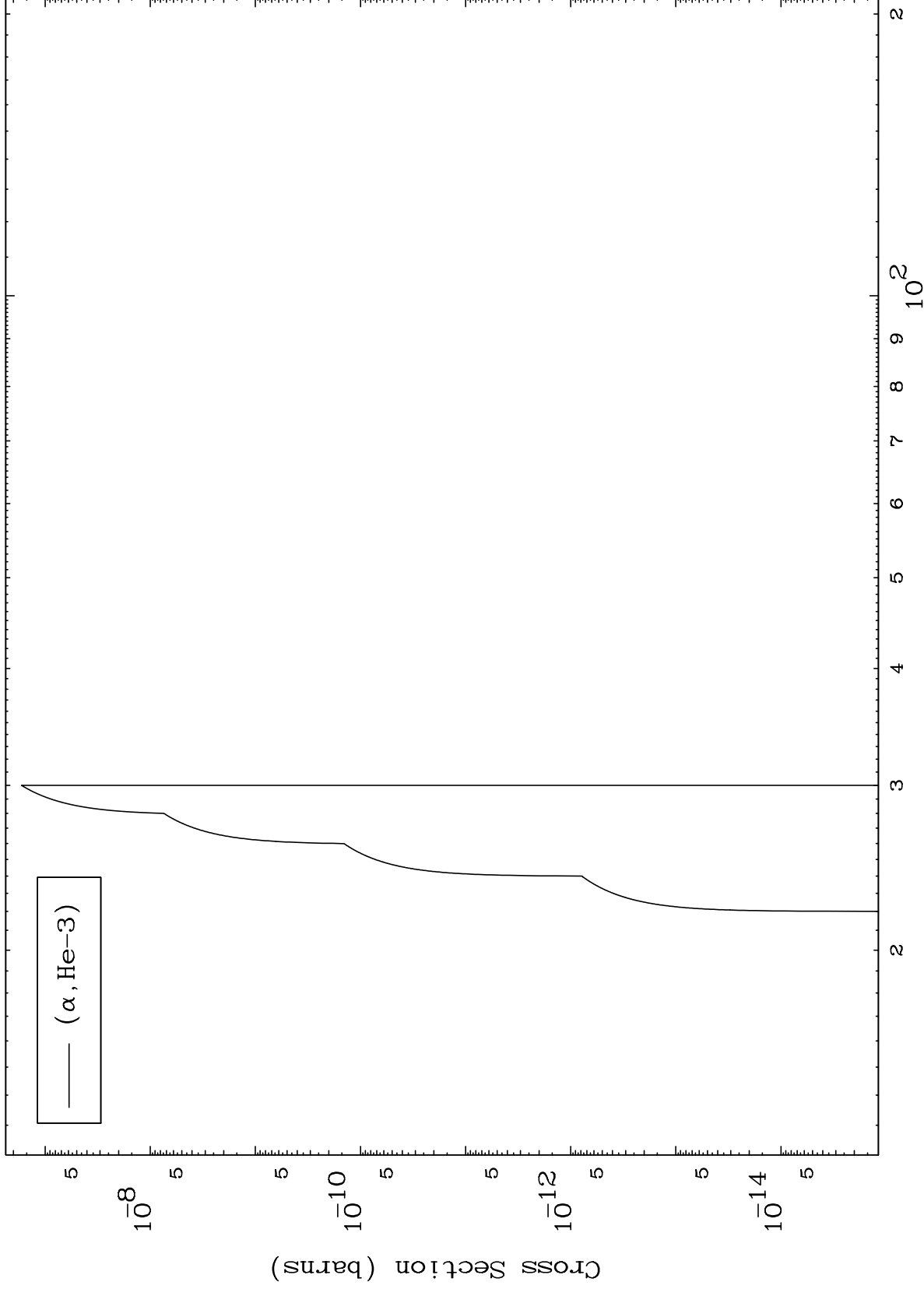
83-Bi-197



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Incident Energy (MeV)

83-Bi-197

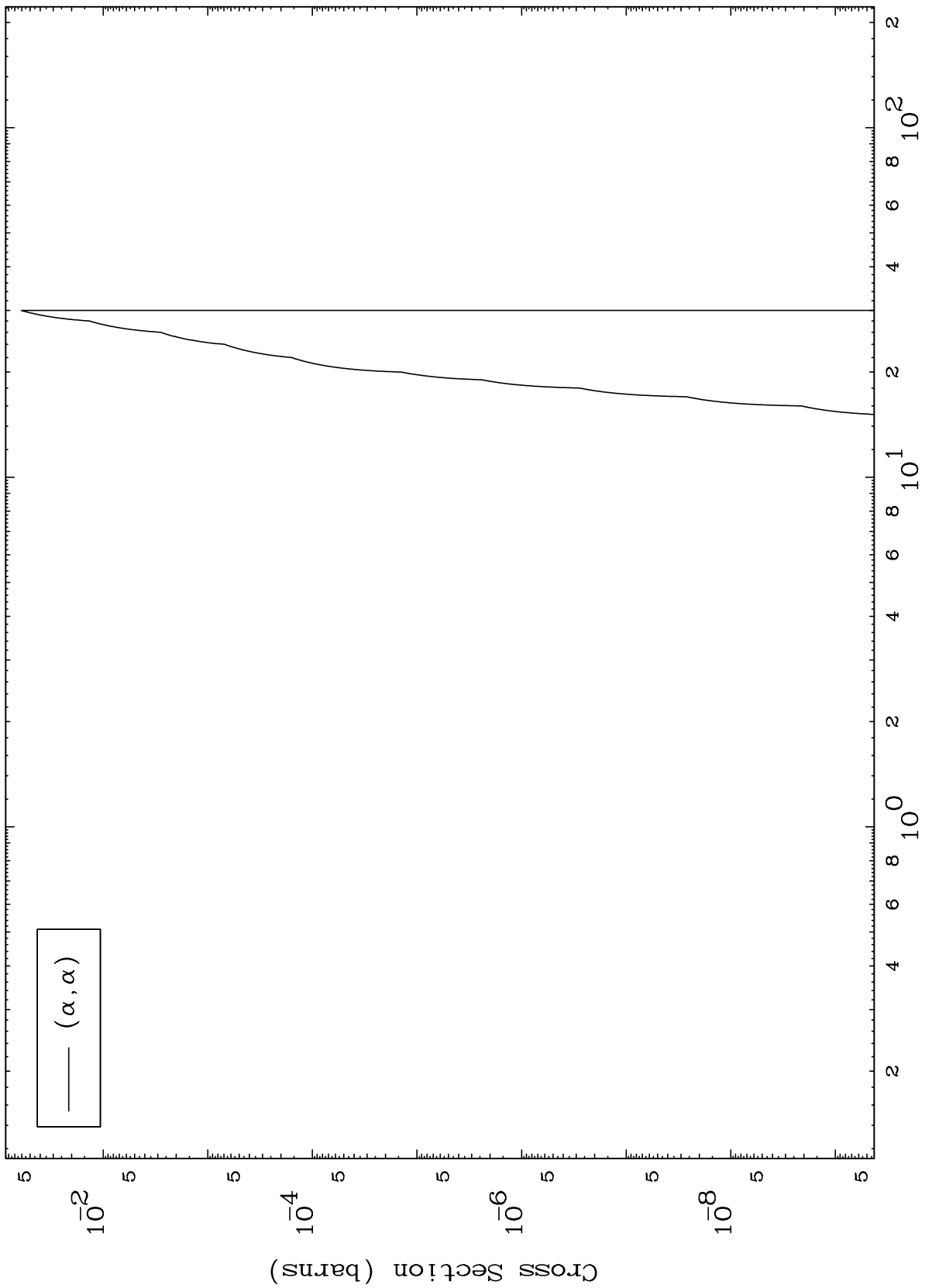


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(α, α) Levels

83-Bi-197

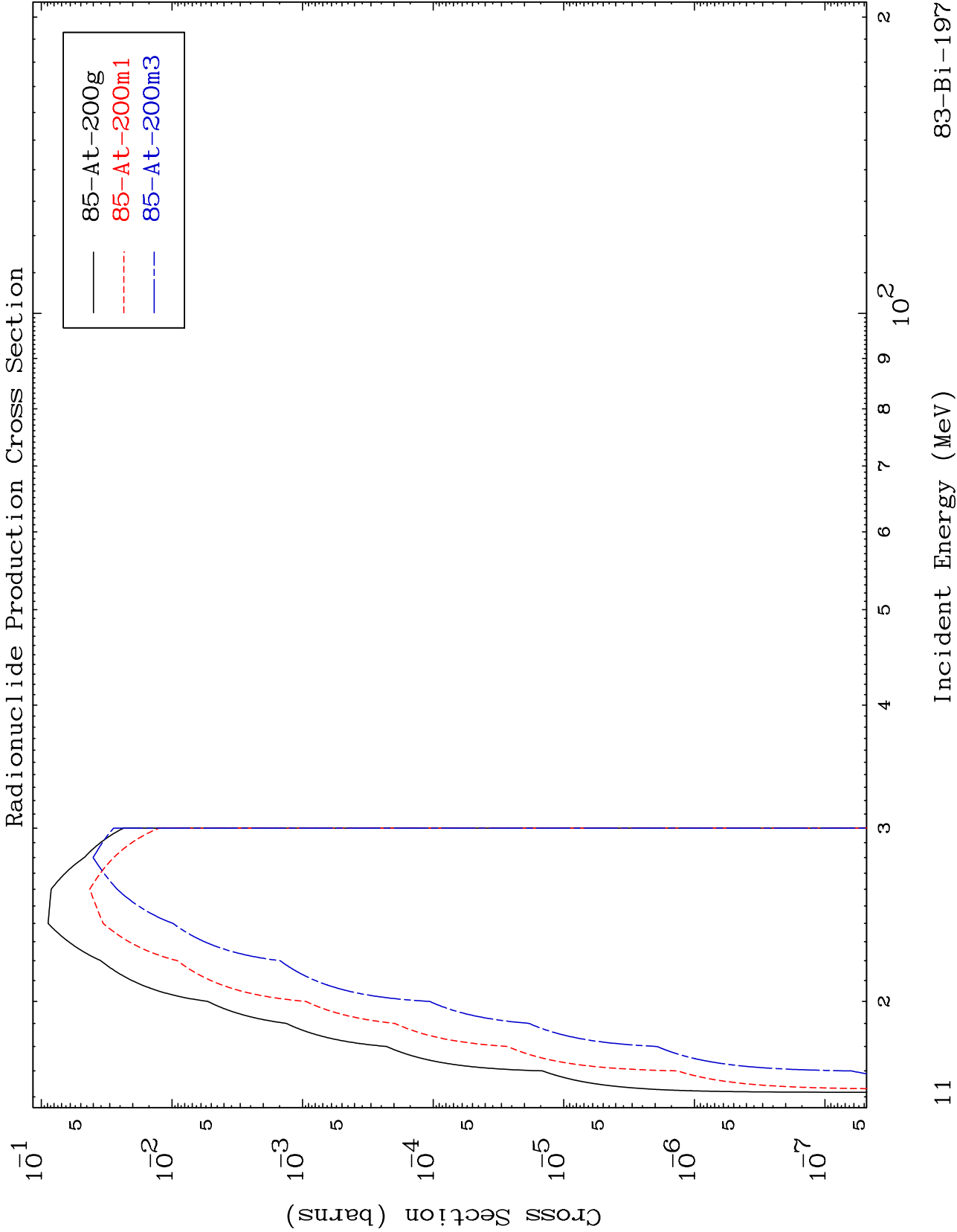
0 Kelvin Cross Sections



10

Incident Energy (MeV)

83-Bi-197

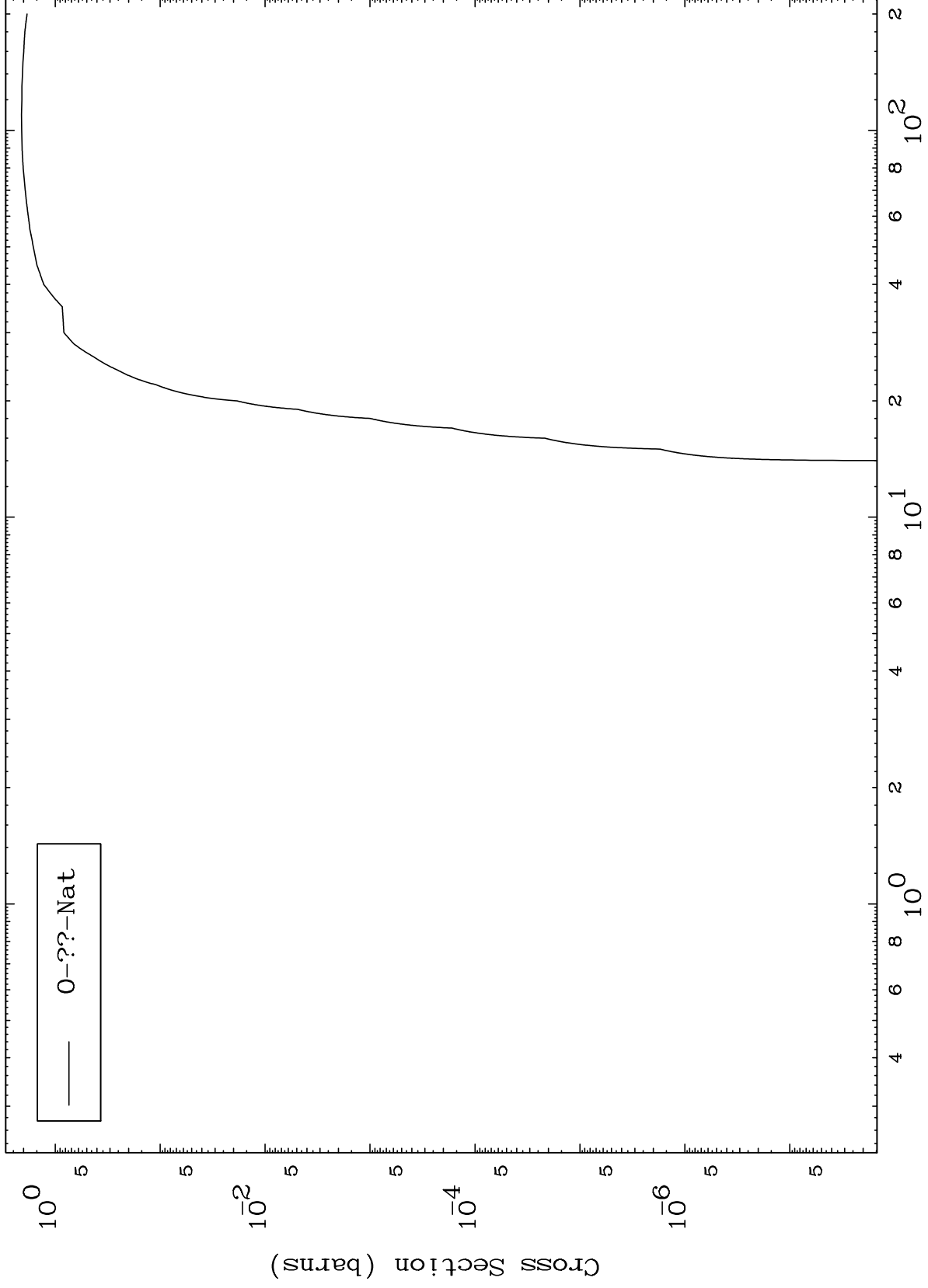


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83-Bi-197

α Fission

Radionuclide Production Cross Section



12

Incident Energy (MeV)

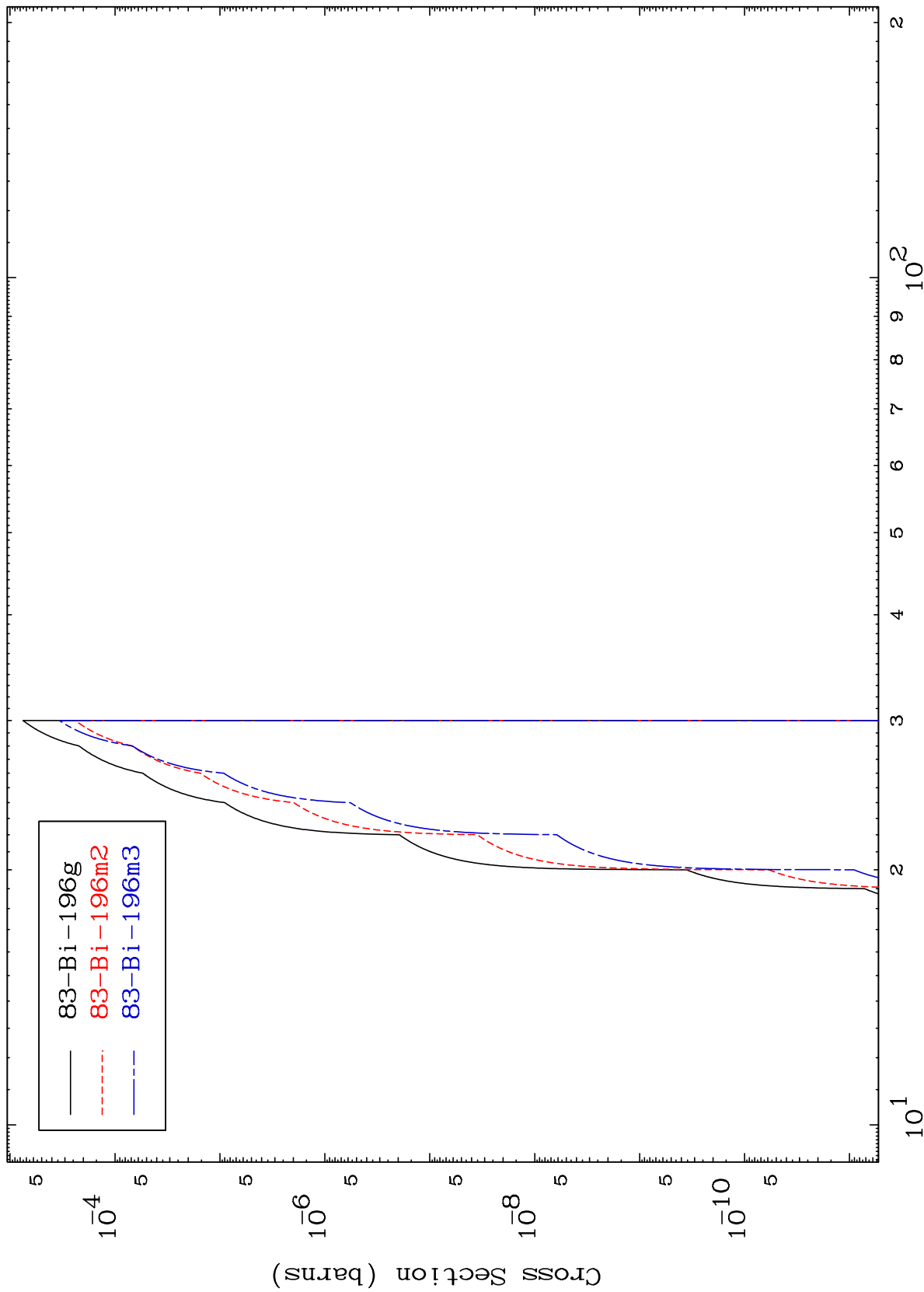
83-Bi-197

MAT 8290

83-Bi-197

(α, n') α

Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

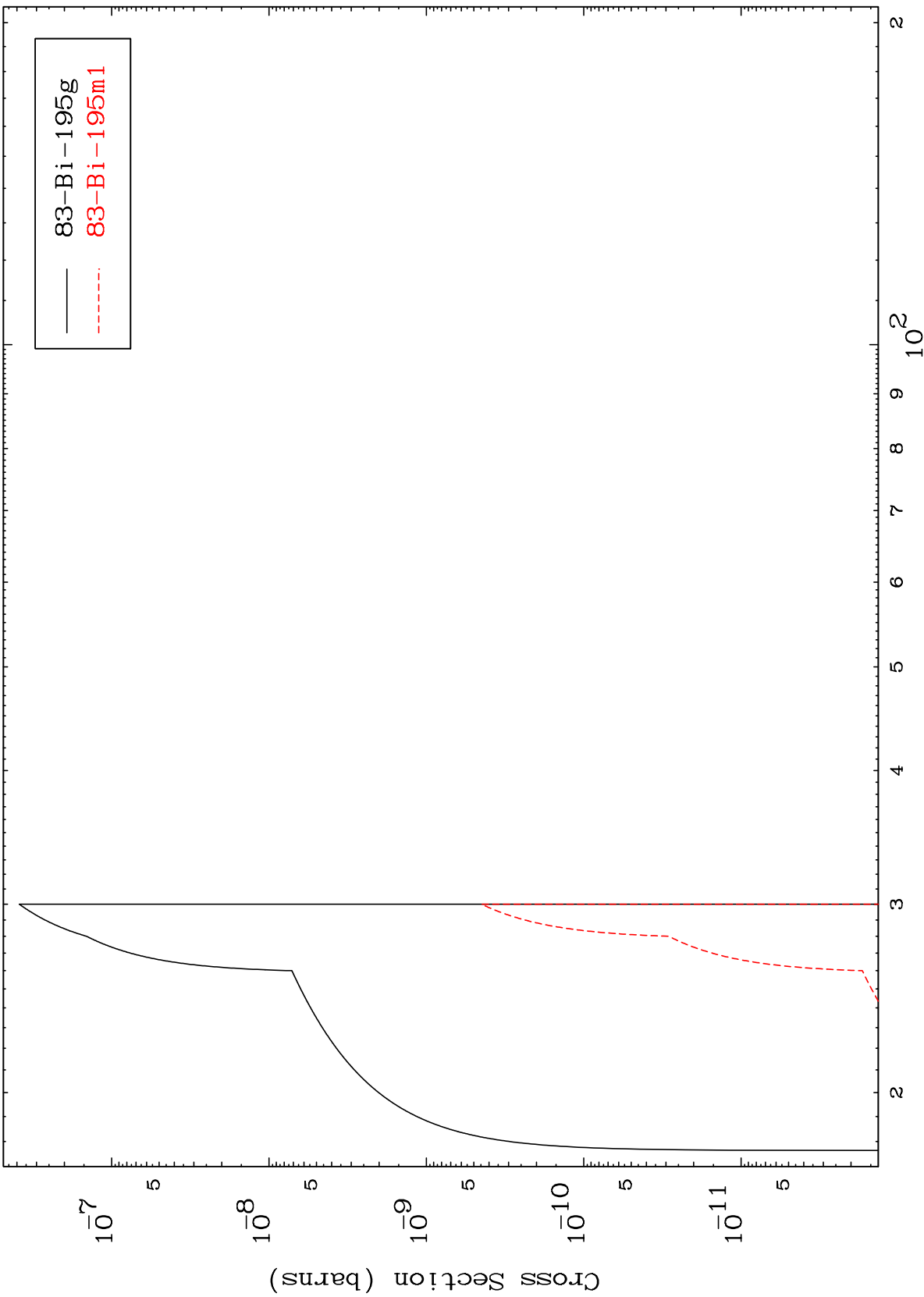
13

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$(\alpha, 2n)$ α

83-Bi-197

Radionuclide Production Cross Section

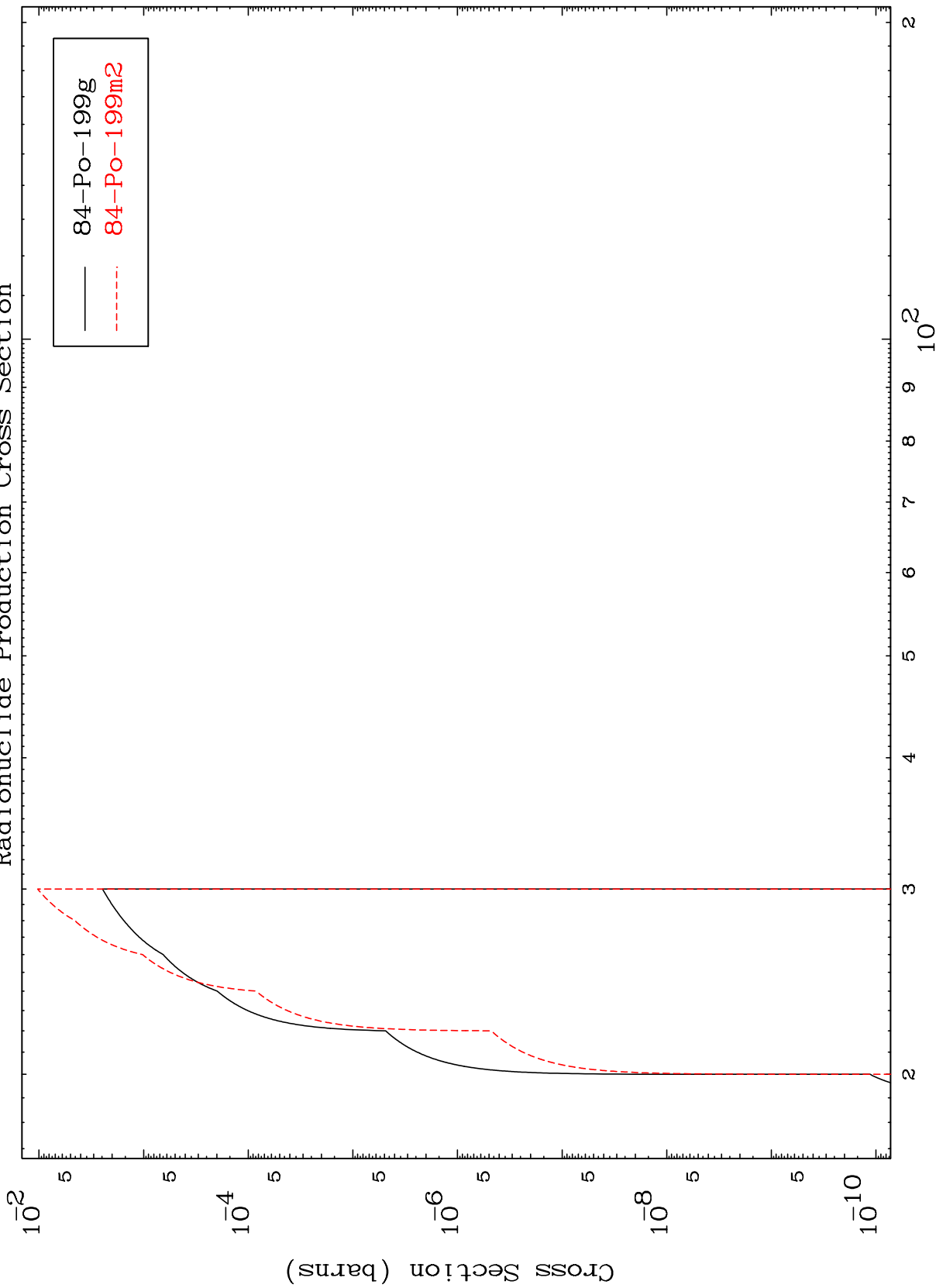


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Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section

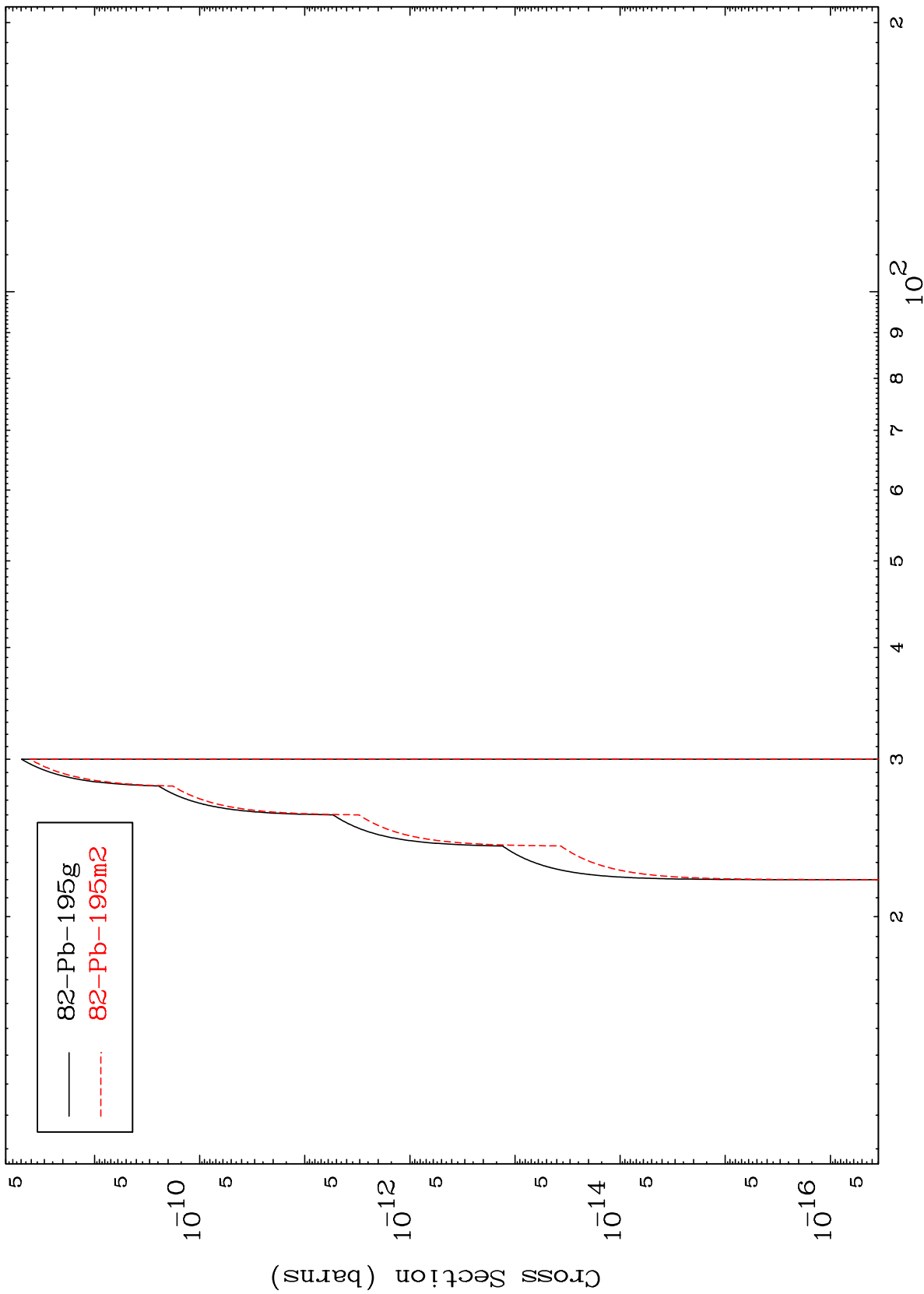


MAT 8290

(α, n') p α

83-Bi-197

Radionuclide Production Cross Section

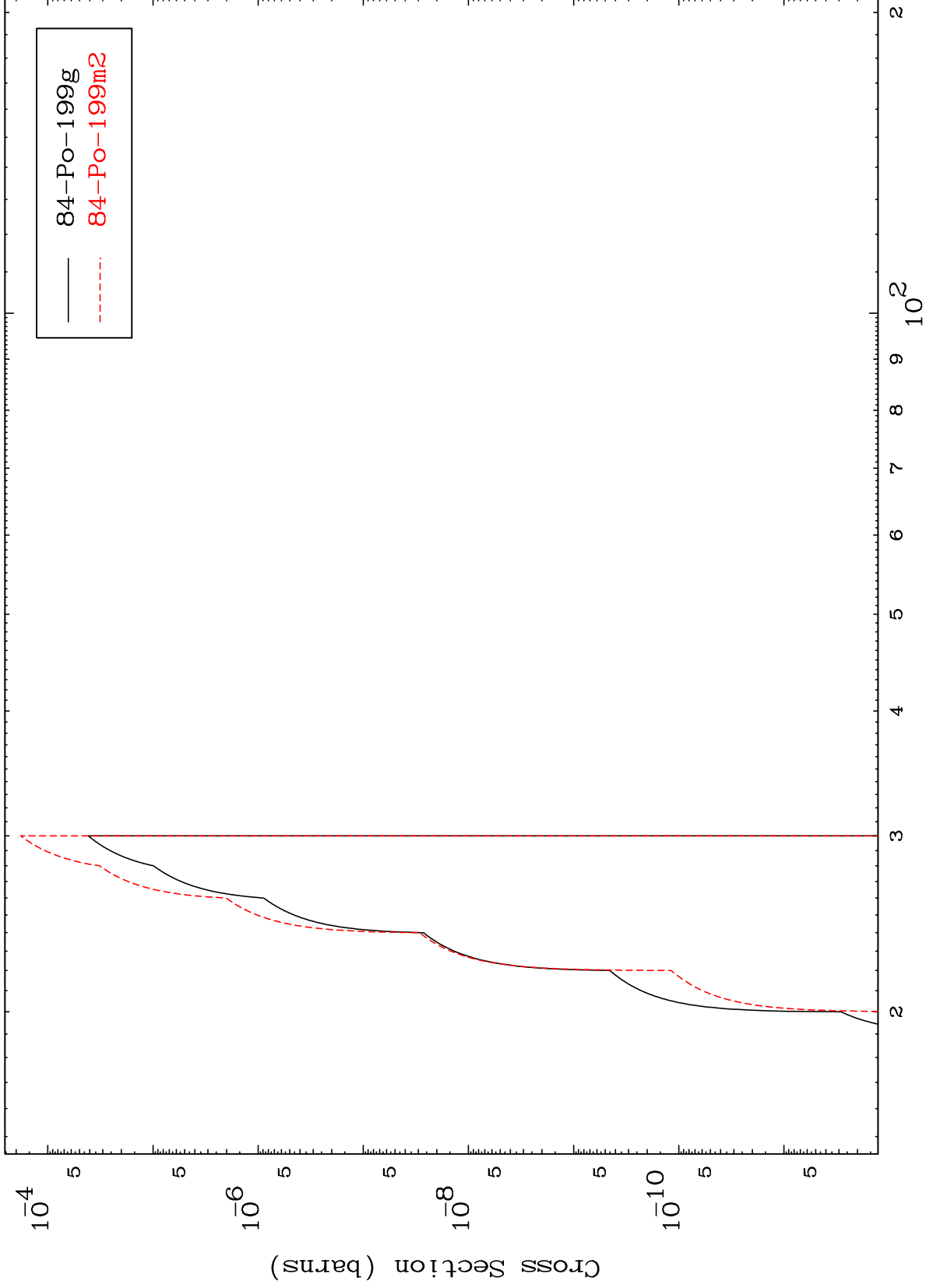


16

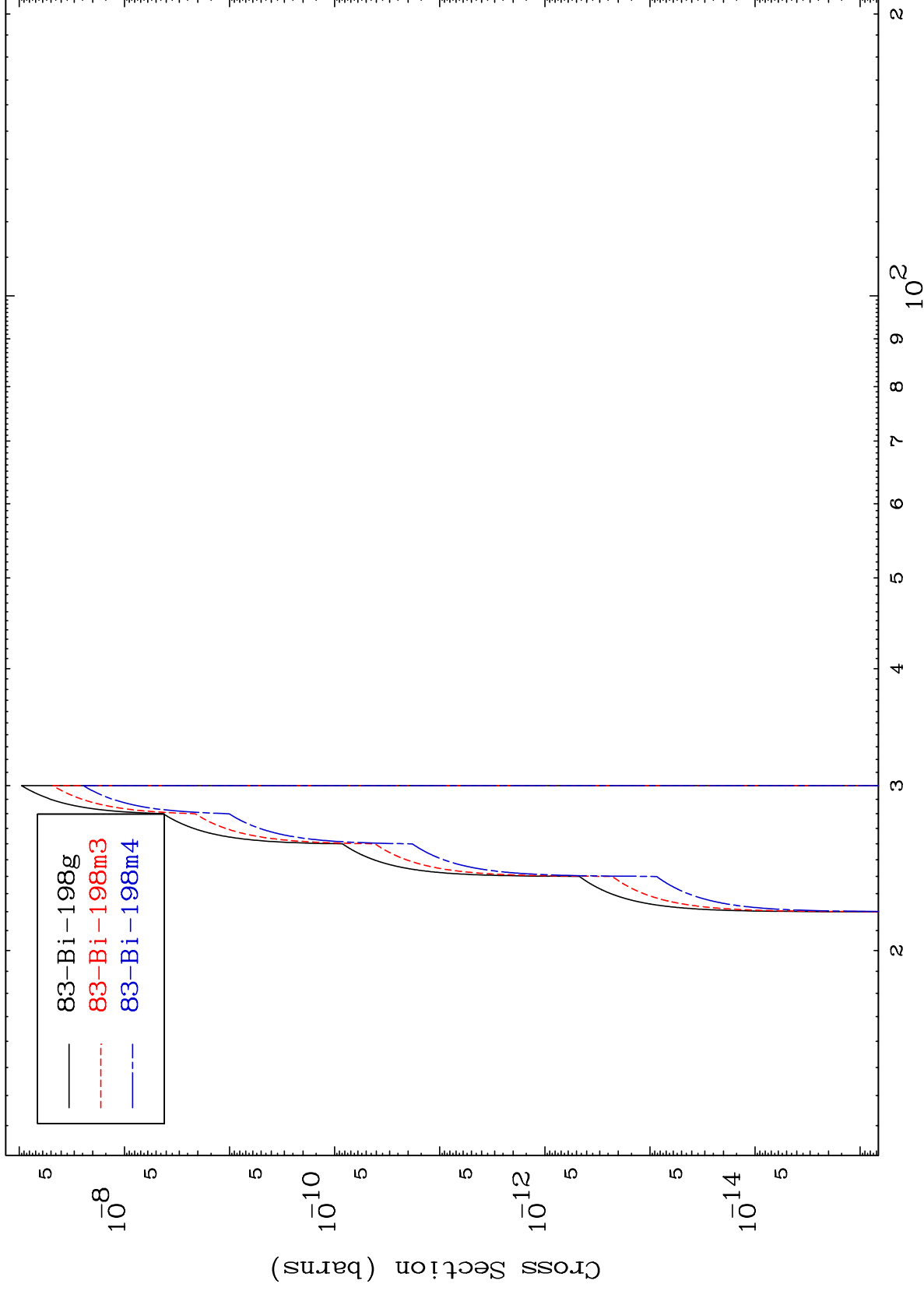
Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

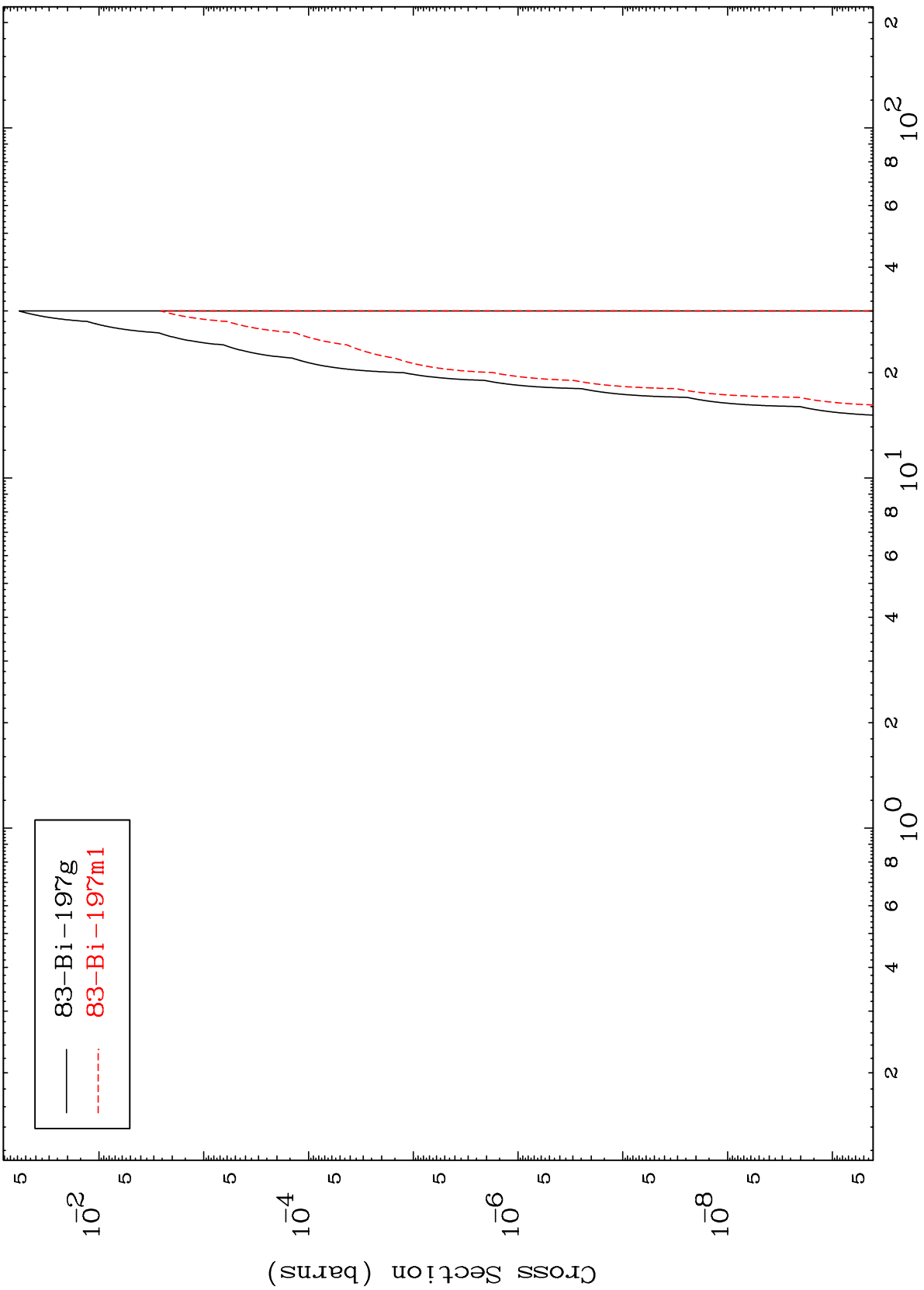


MAT 8290

(α, α)

83-Bi-197

Radionuclide Production Cross Section

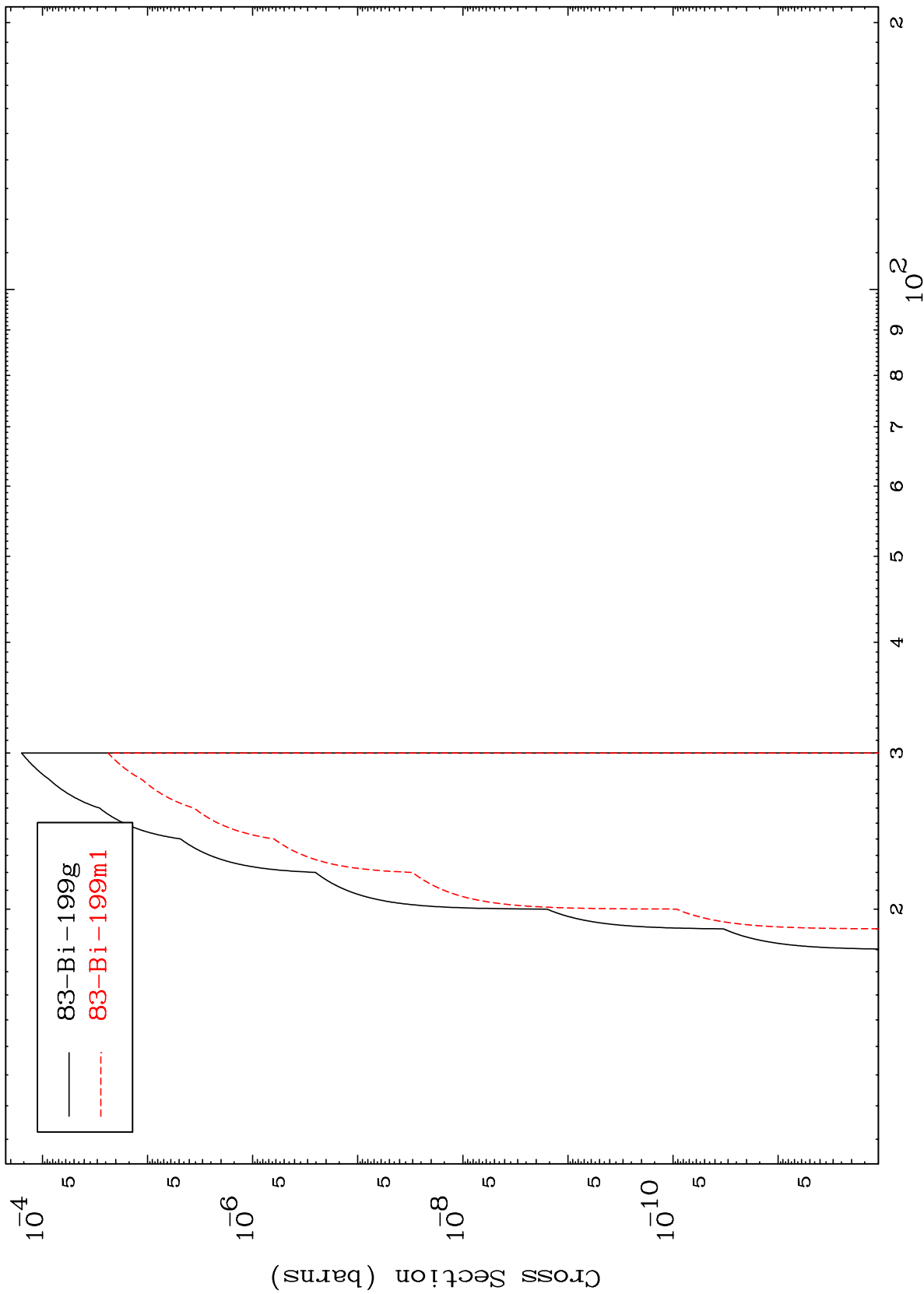


83-Bi-197g
83-Bi-197m1

MAT 8290

83-Bi-197

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



83-Bi-197

Incident Energy (MeV)

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