

Program EVALPLOT
(Version 2018-1)

by

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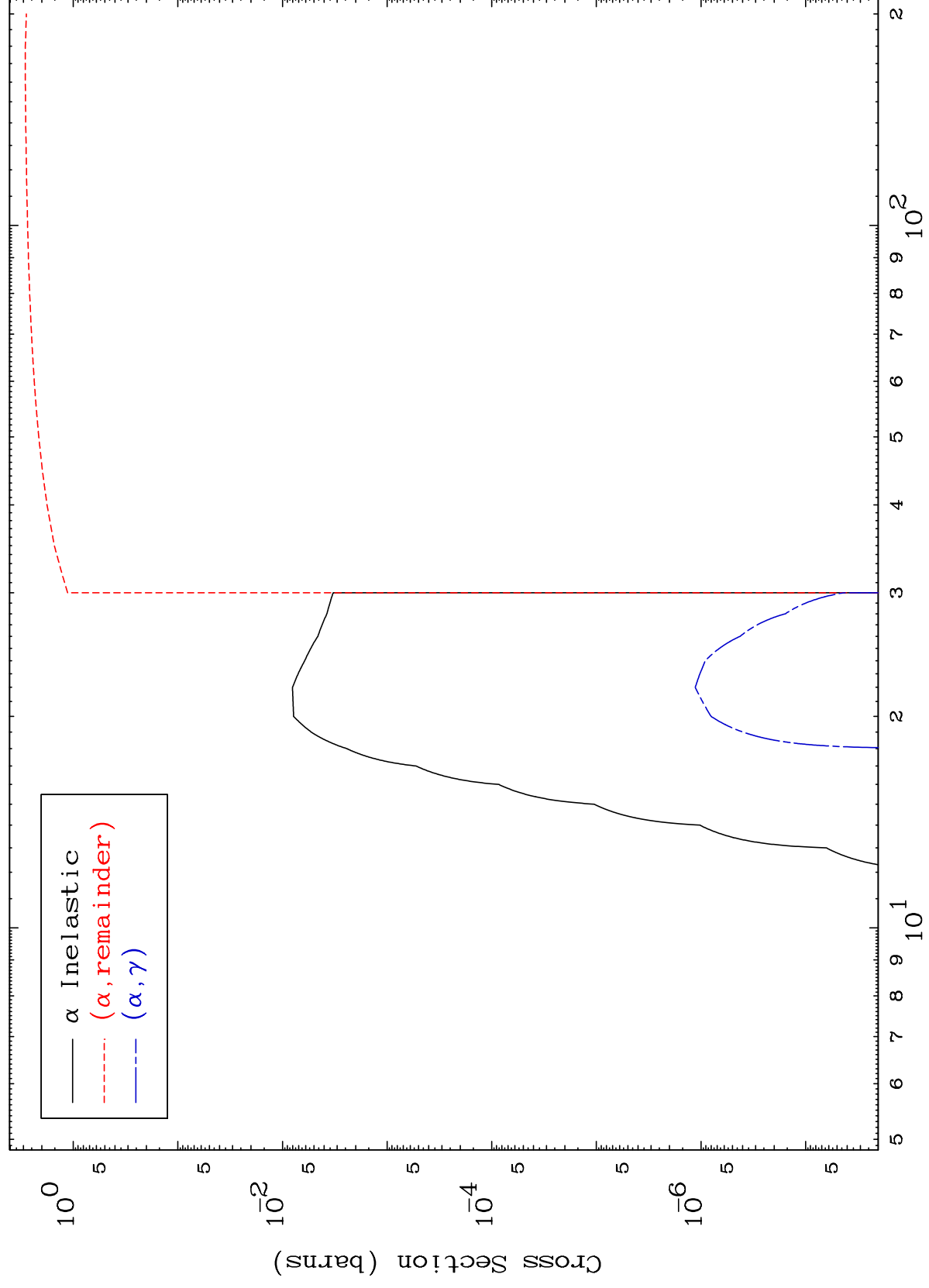
Press Mouse Button to Start

MAT 8344

0 Kelvin

α Major Cross Sections

83-Bi-215



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

1

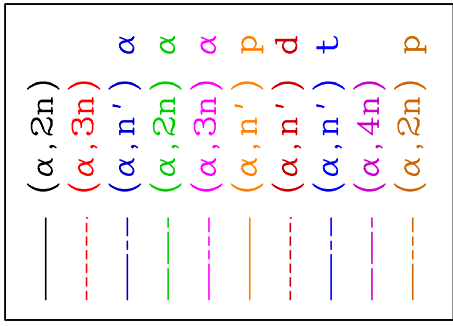
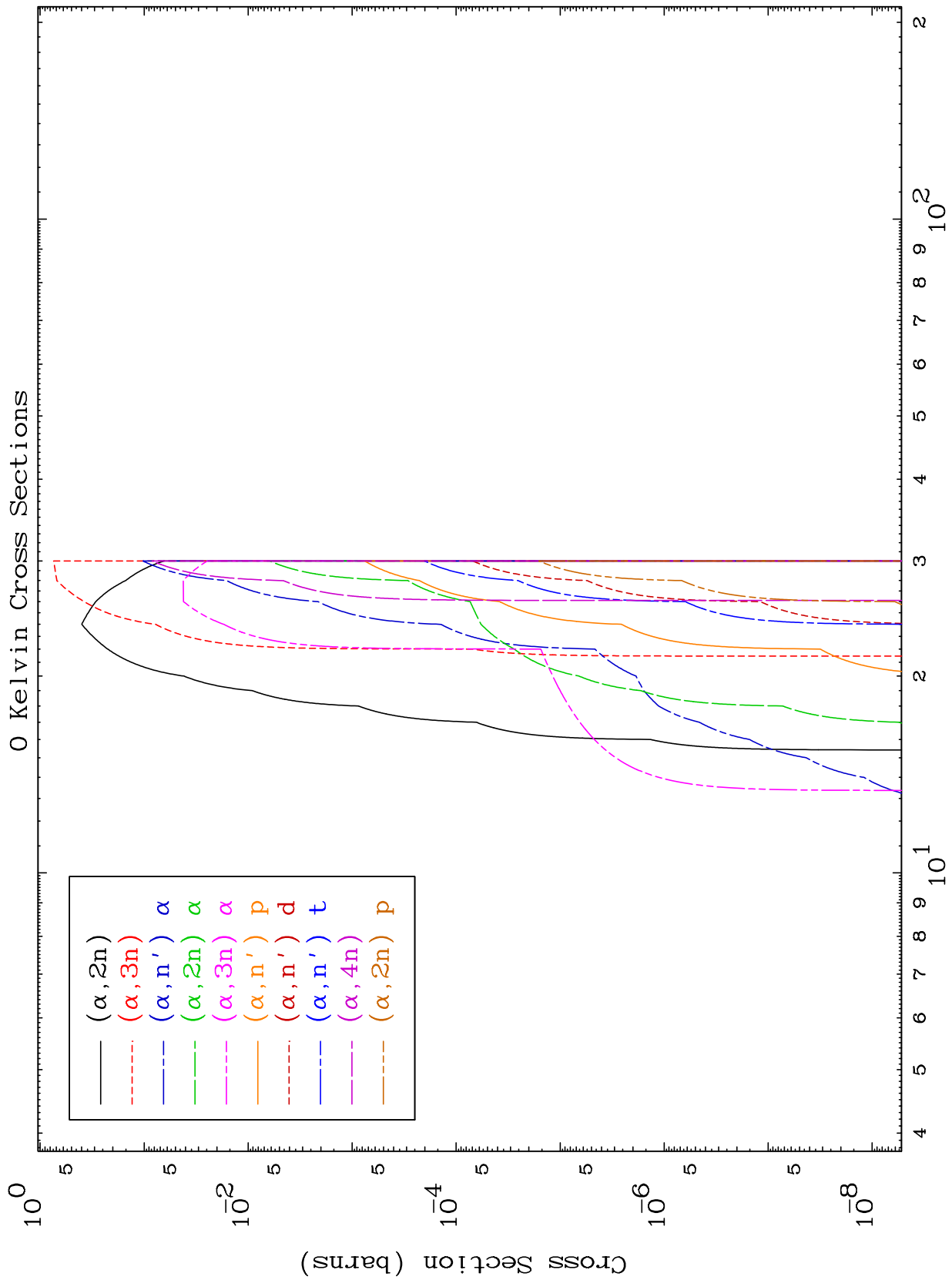
Incident Energy (MeV)

83-Bi-215

MAT 8344

α Neutron Production
0 Kelvin Cross Sections

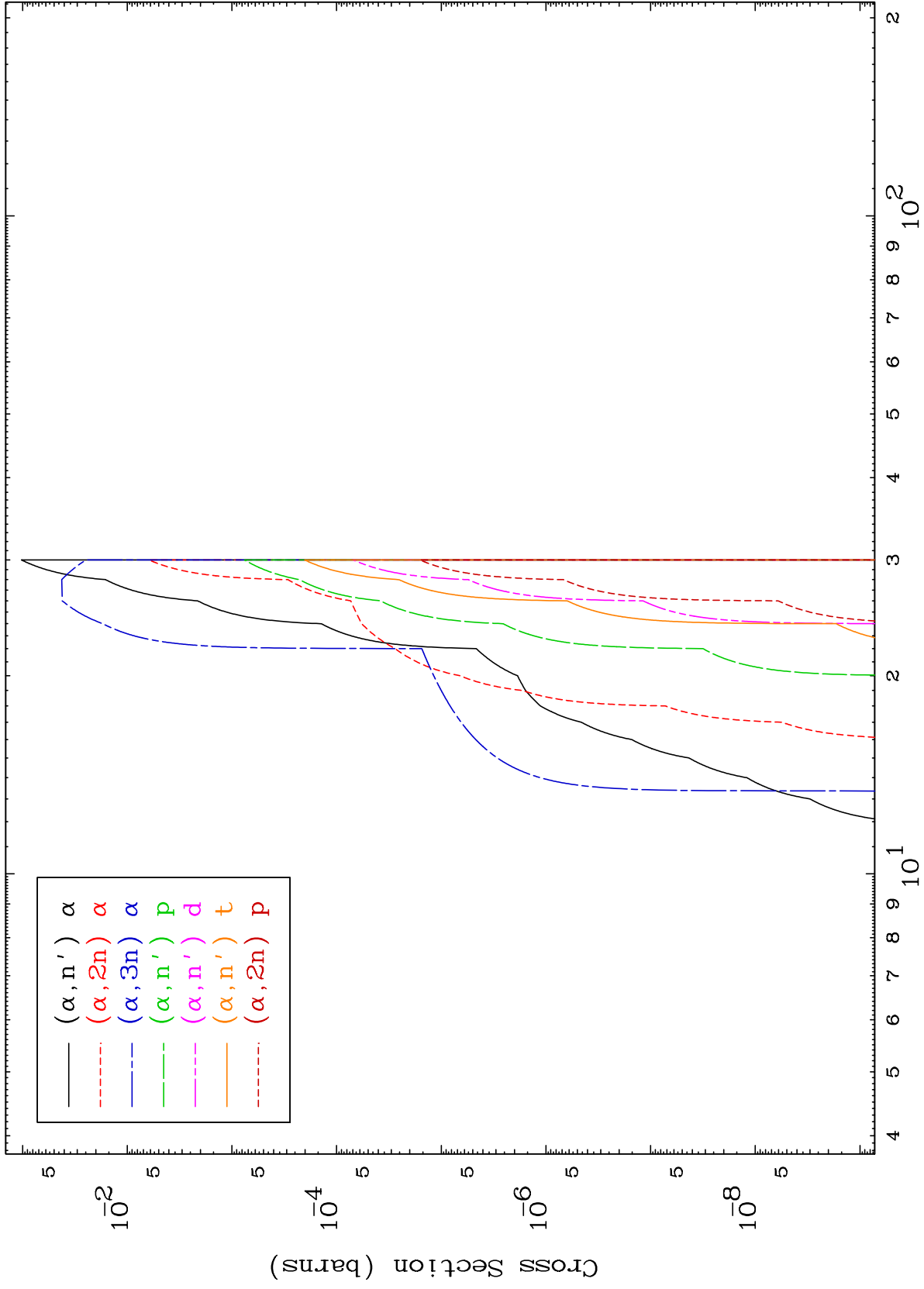
83-Bi-215

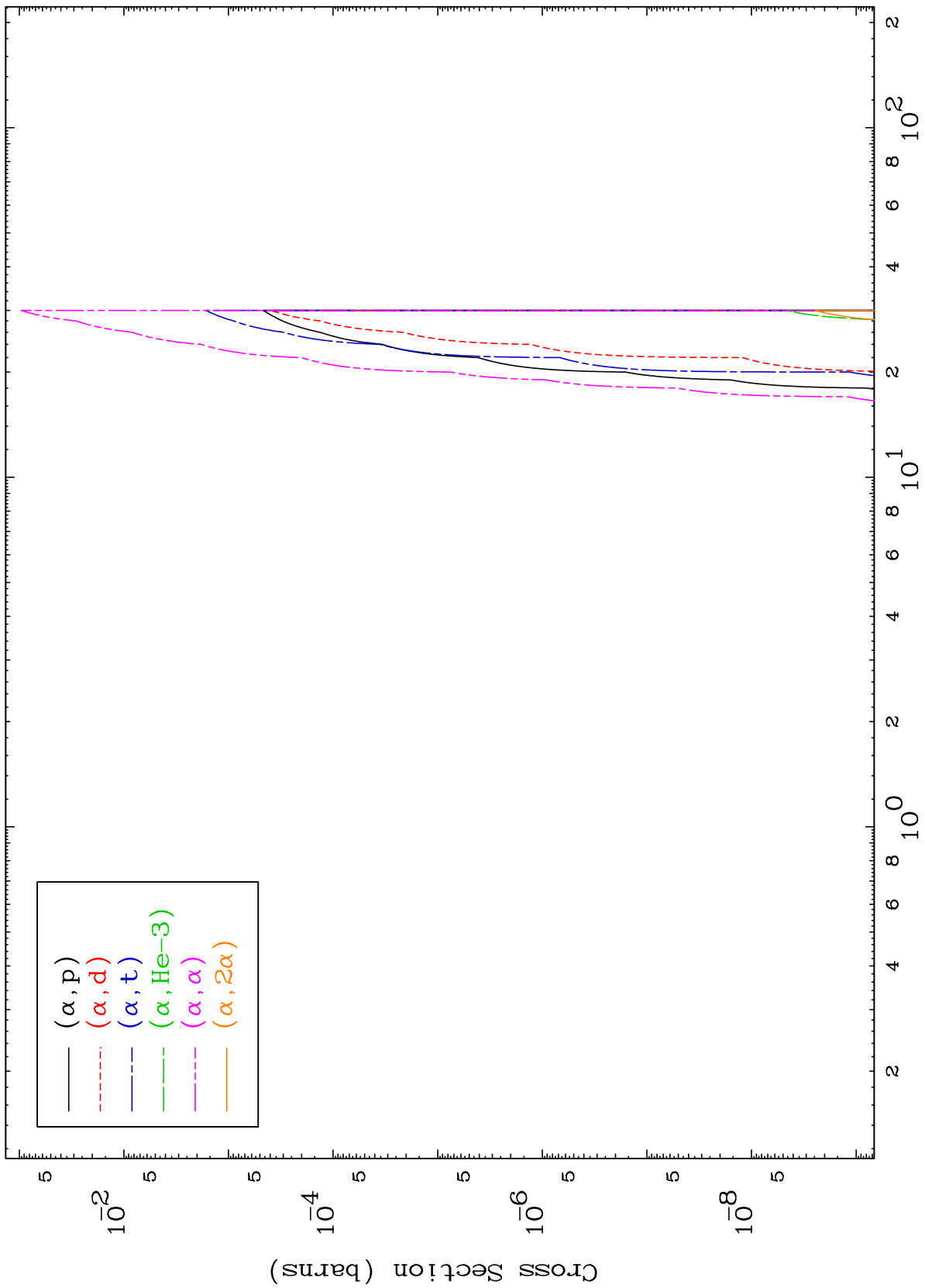


2

Incident Energy (MeV)

83-Bi-215

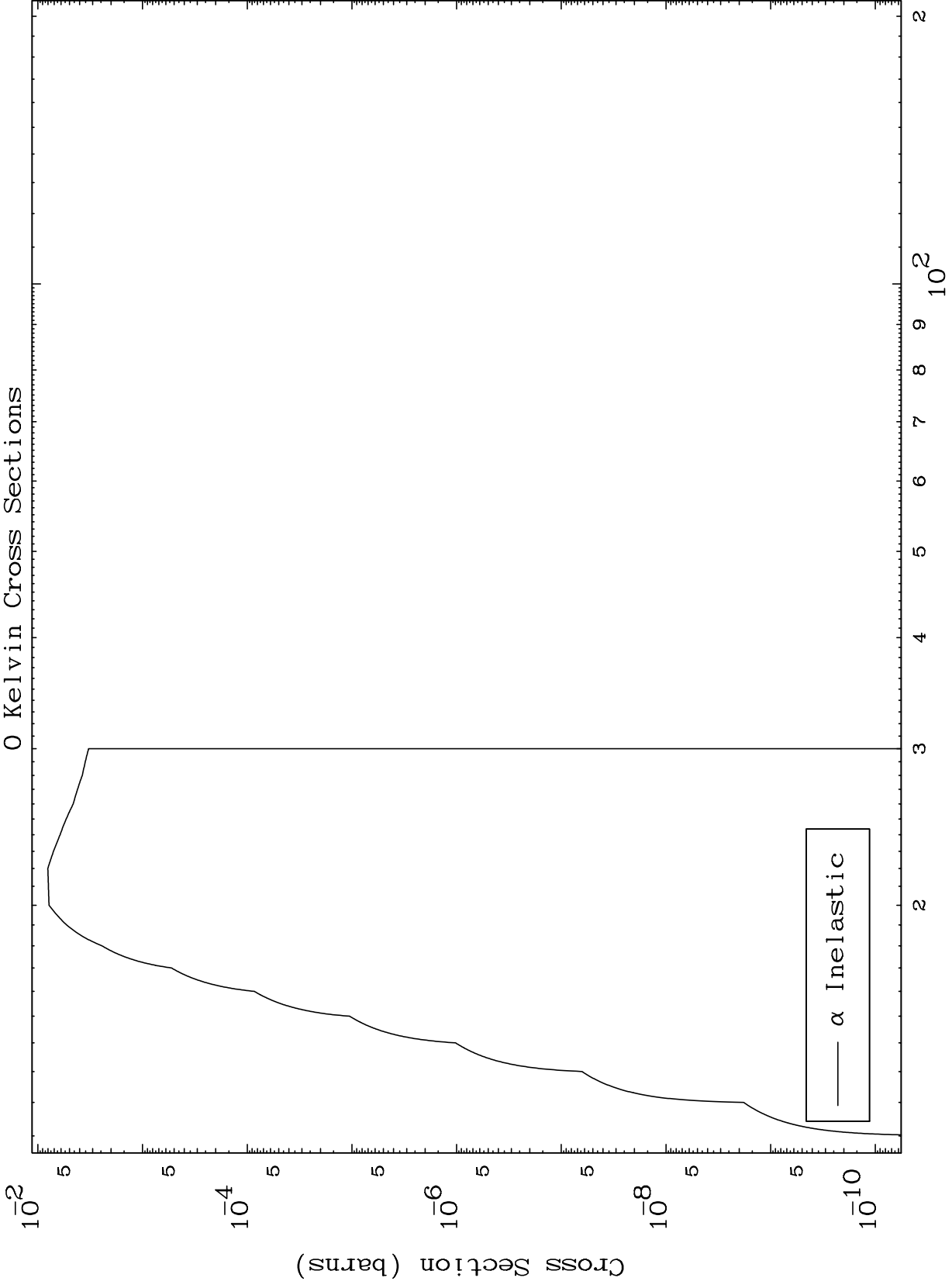




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83-Bi-215

(α, n') Level
0 Kelvin Cross Sections



83-Bi-215

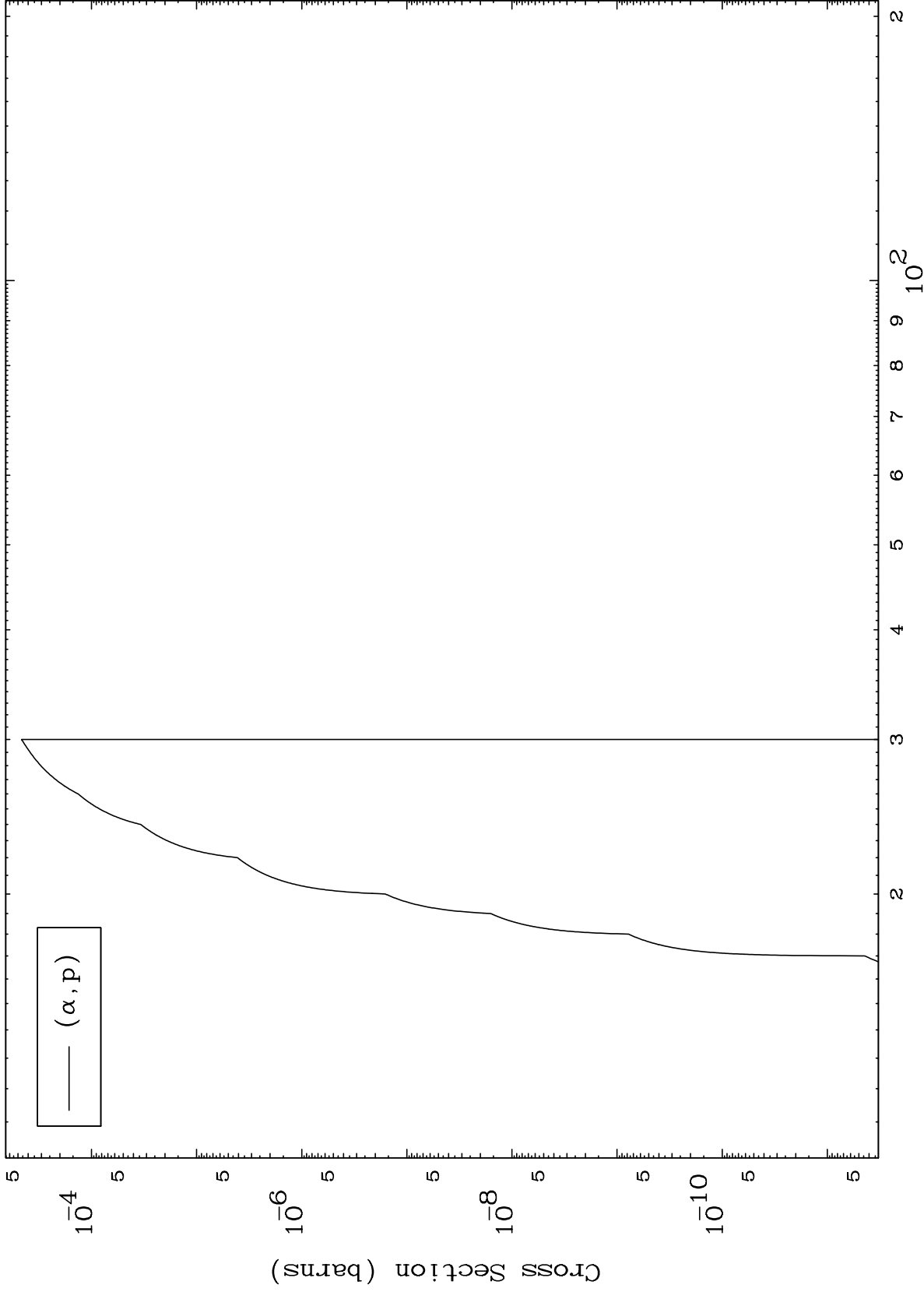
Incident Energy (MeV)

5

MAT 8344

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-215



6

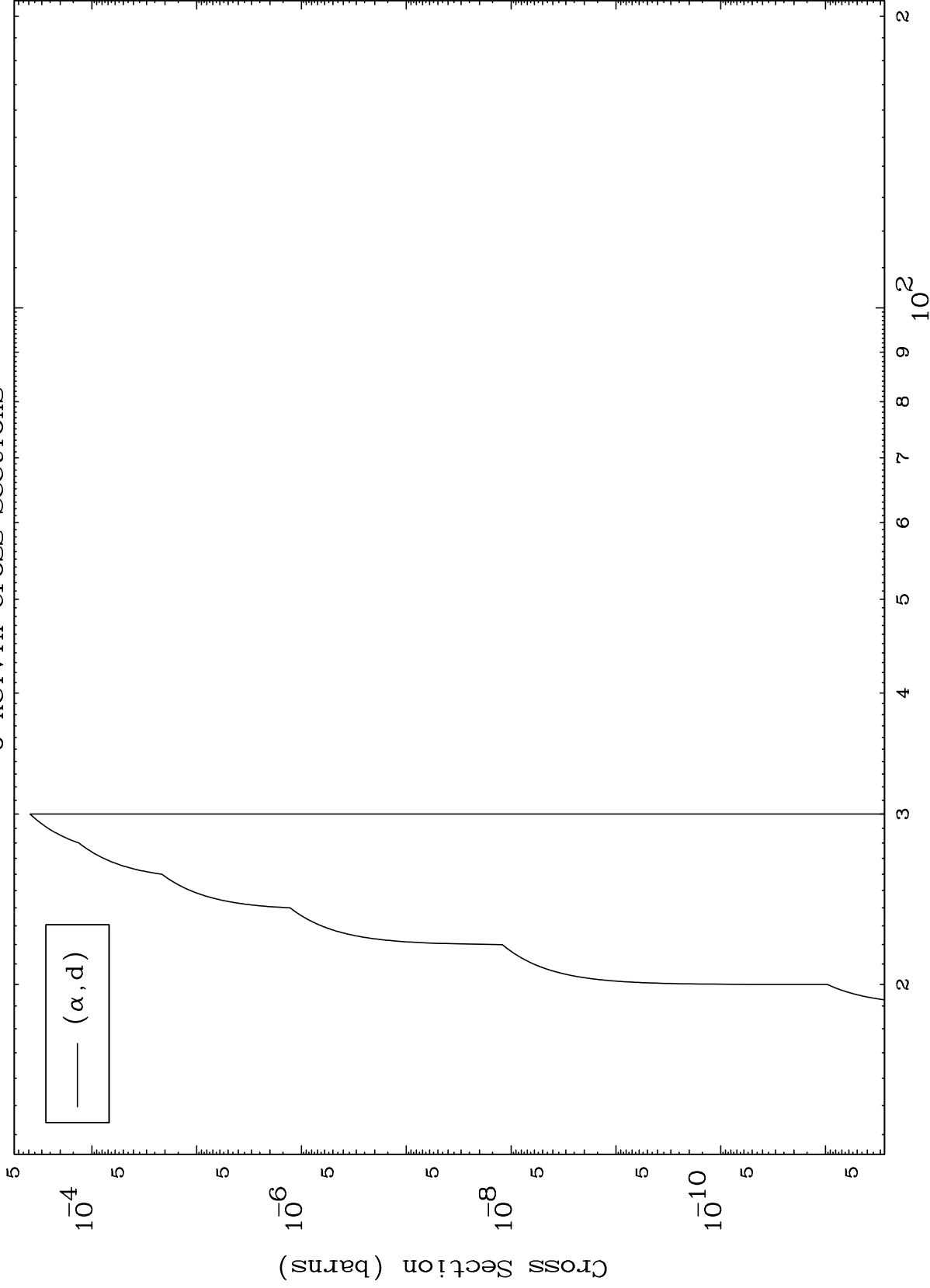
Incident Energy (MeV)

83-Bi-215

MAT 8344

(α, d) Levels
0 Kelvin Cross Sections

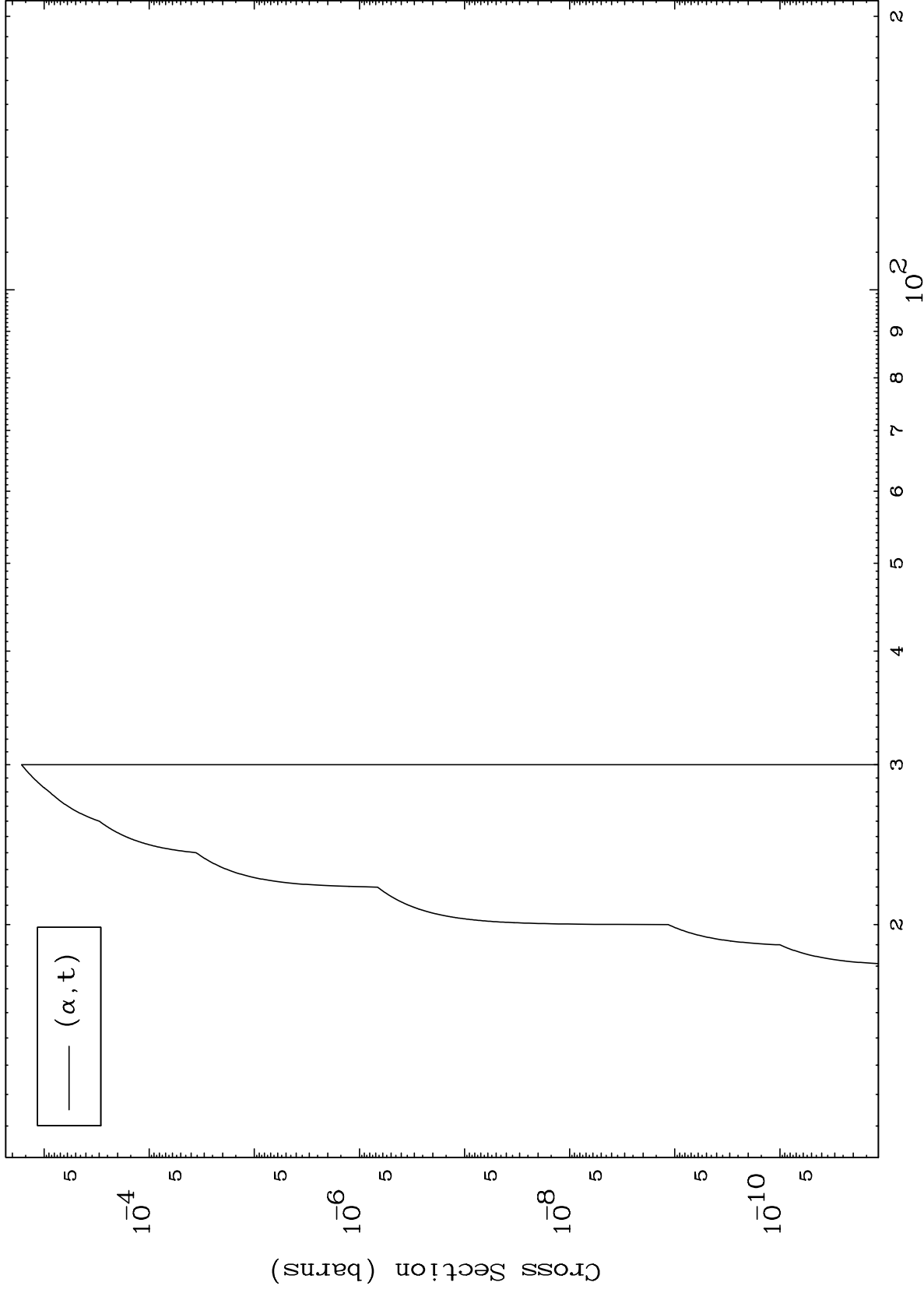
83-Bi-215



7

Incident Energy (MeV)

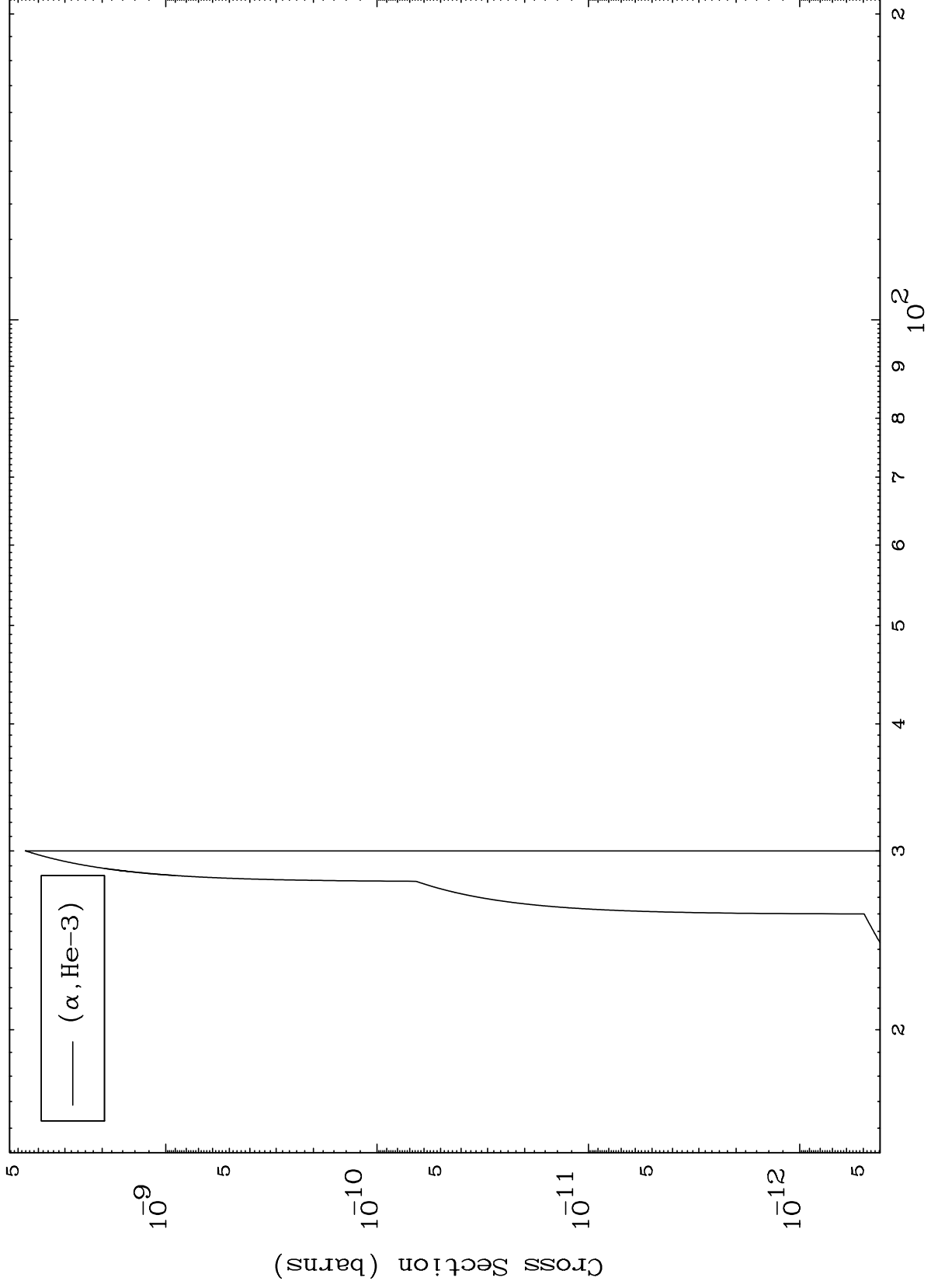
83-Bi-215



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(α ,He3) Levels
0 Kelvin Cross Sections

83-Bi-215



9

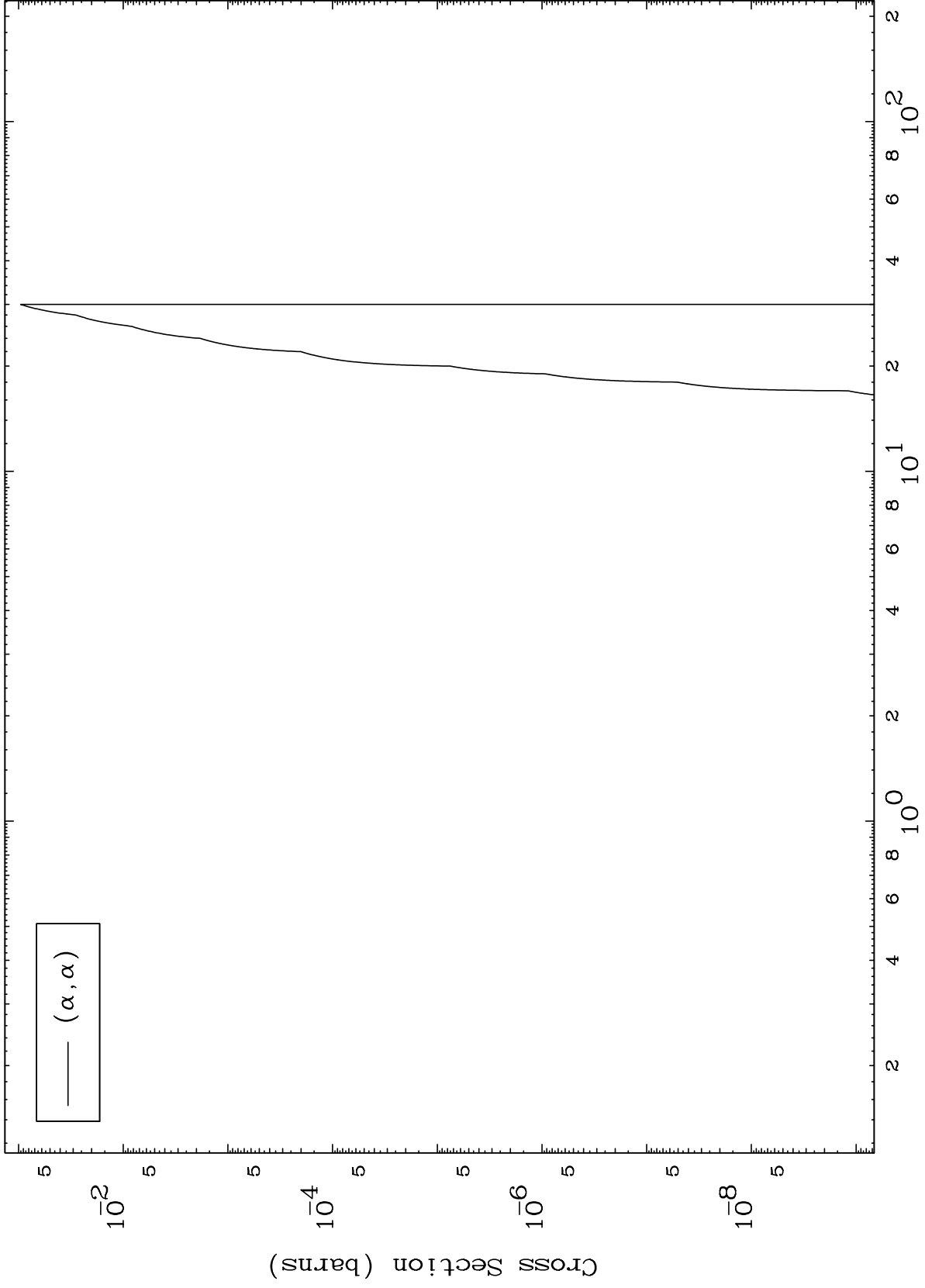
Incident Energy (MeV)

83-Bi-215

MAT 8344

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-215



10

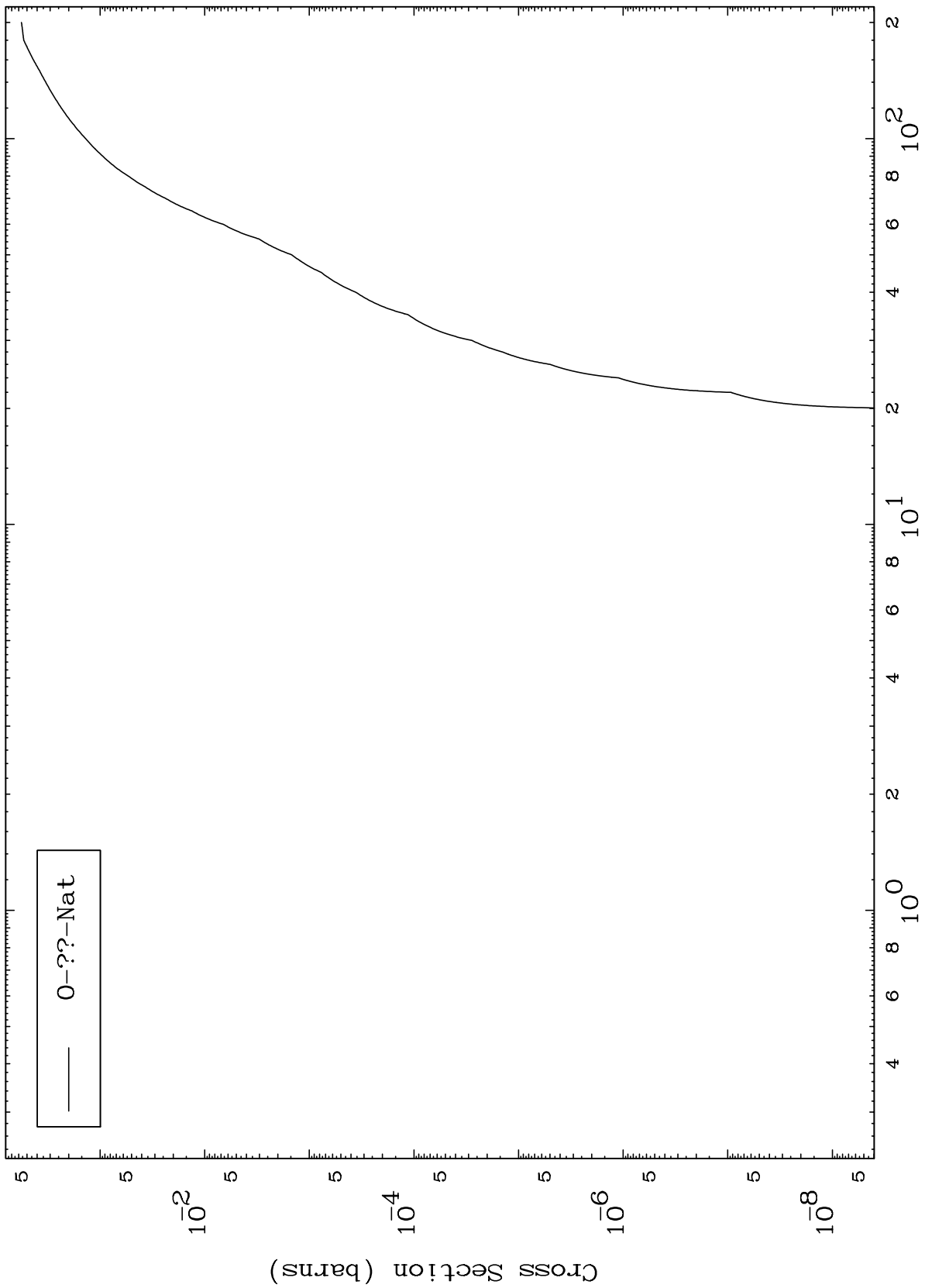
Incident Energy (MeV)

83-Bi-215

MAT 8344

83-Bi-215

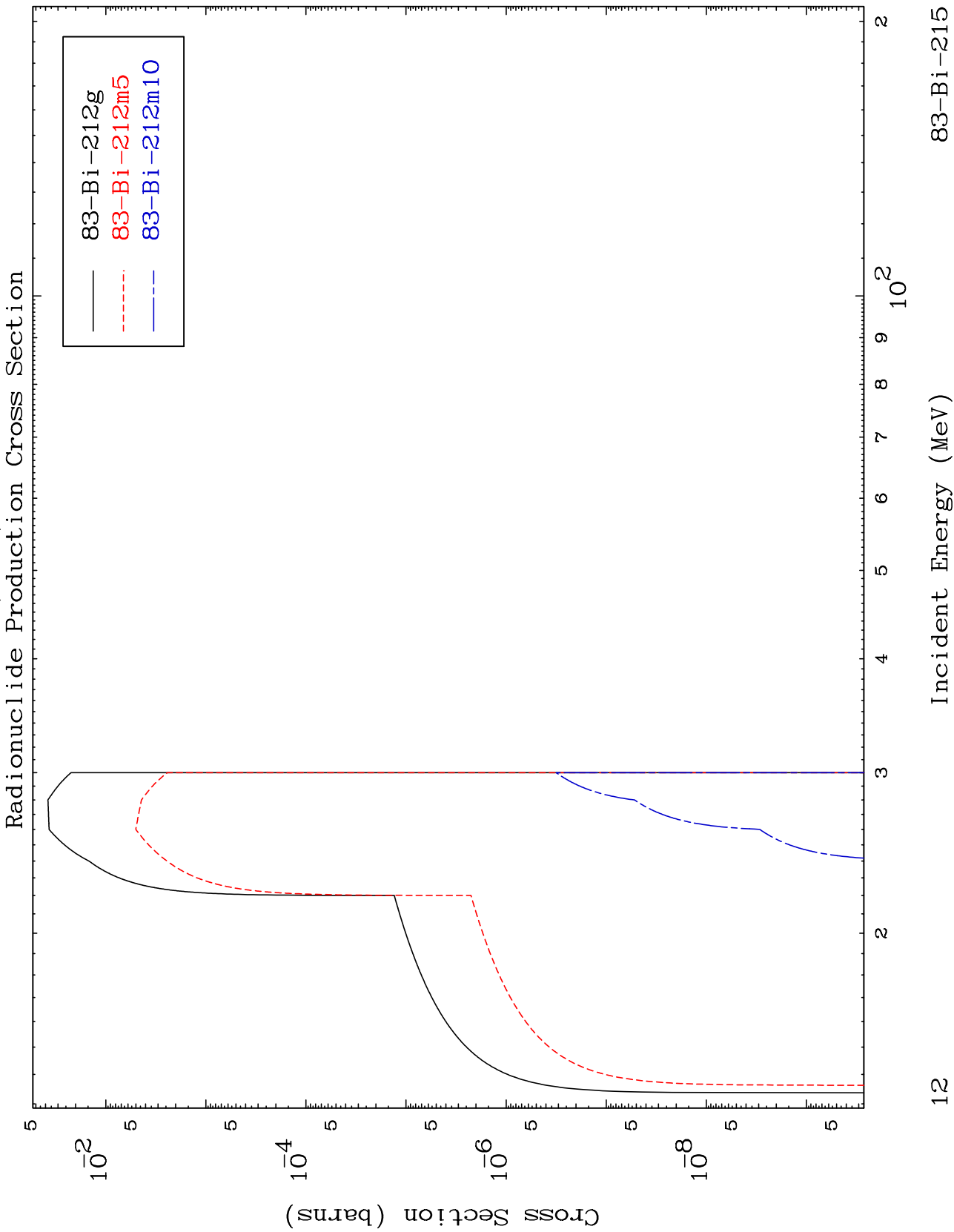
α Fission
Radionuclide Production Cross Section



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$(\alpha, 3n) \alpha$

83-Bi-215



12

Incident Energy (MeV)

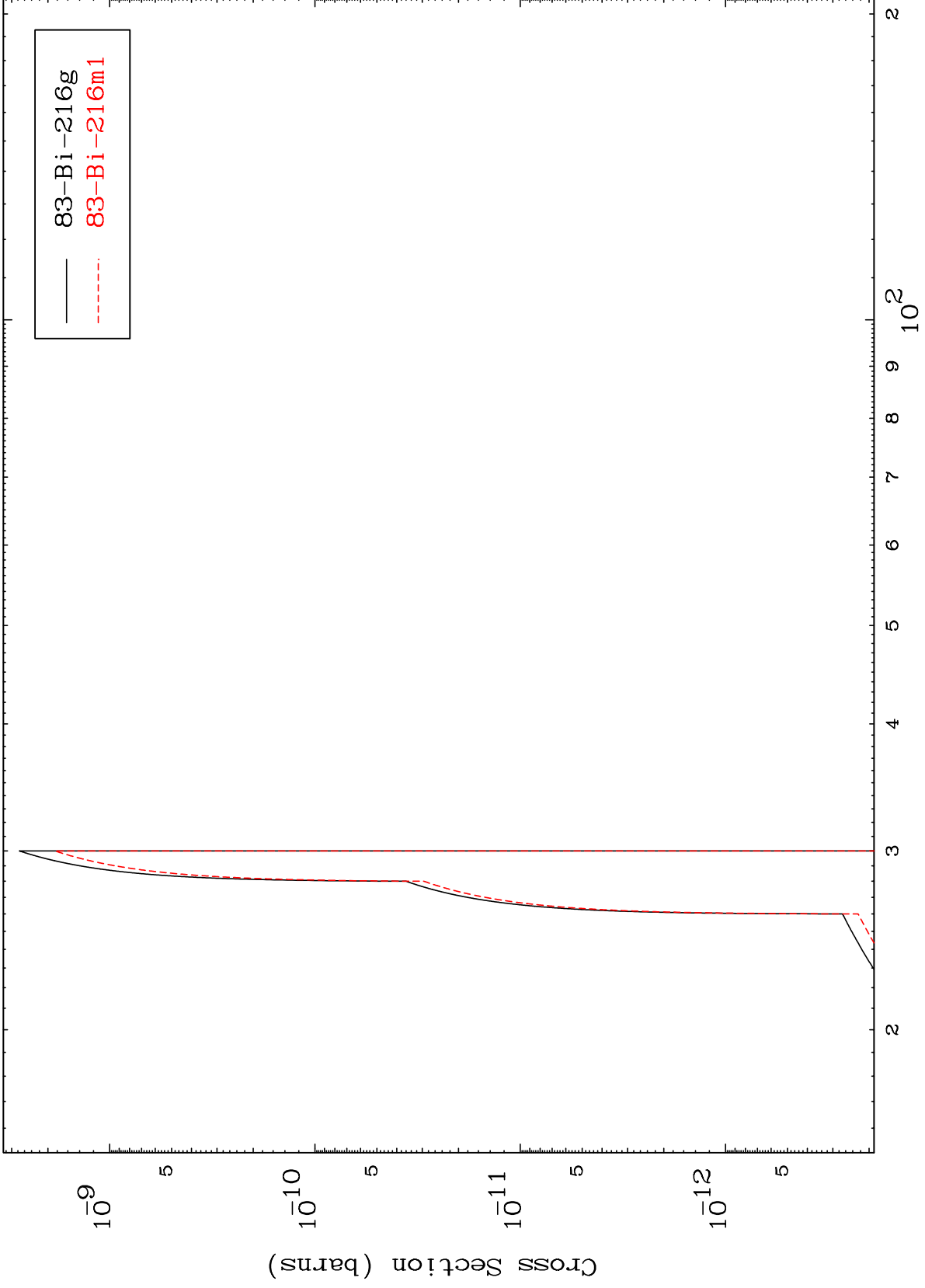
83-Bi-215

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

83-Bi-215

Radionuclide Production Cross Section



83-Bi-216g
83-Bi-216m1

13

Incident Energy (MeV)

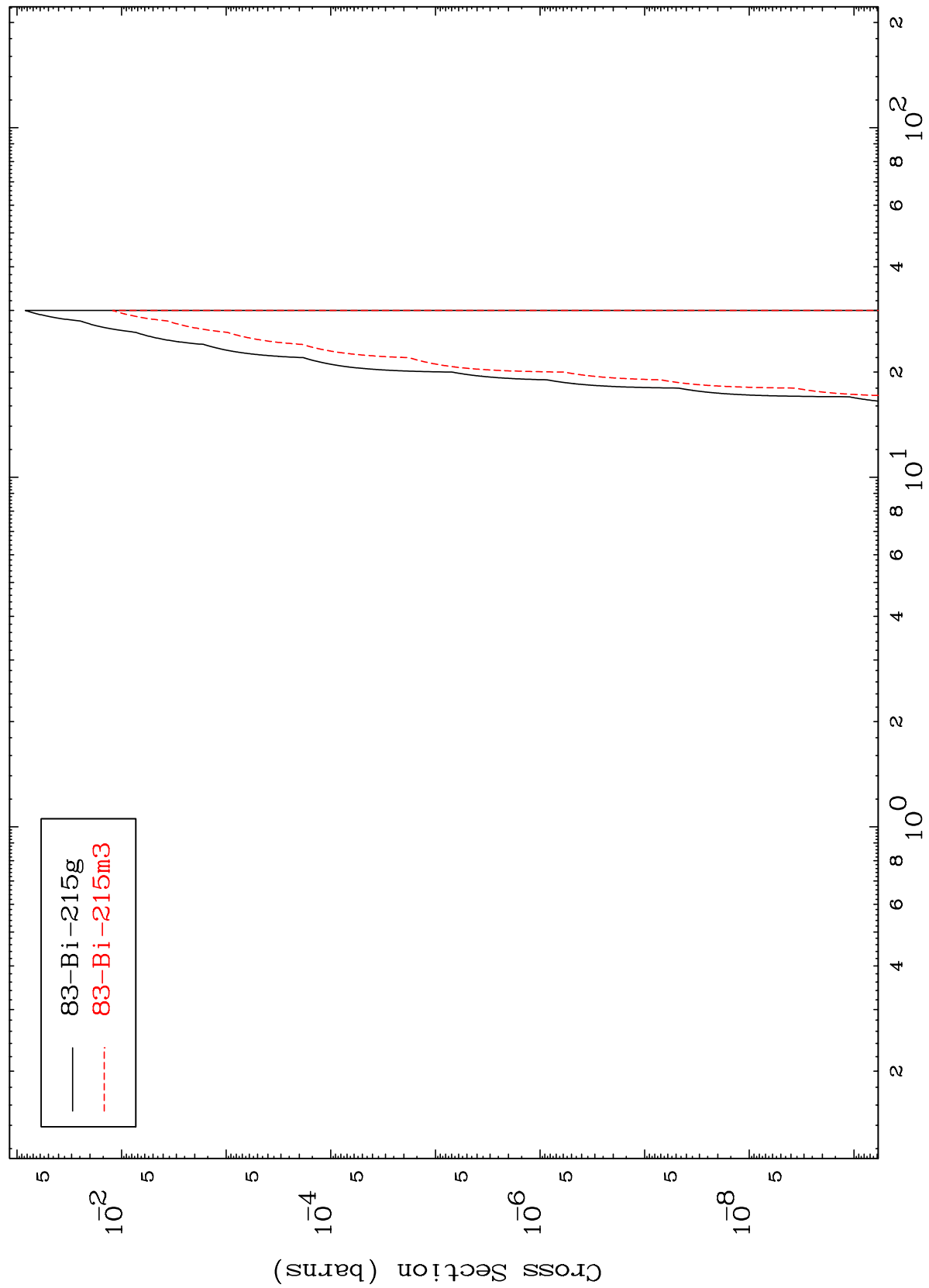
83-Bi-215

MAT 8344

83-Bi-215

(α, α)

Radionuclide Production Cross Section



83-Bi-215g
83-Bi-215m3

83-Bi-215

Incident Energy (MeV)

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