

Program EVALPLOT
(Version 2018-1)

by

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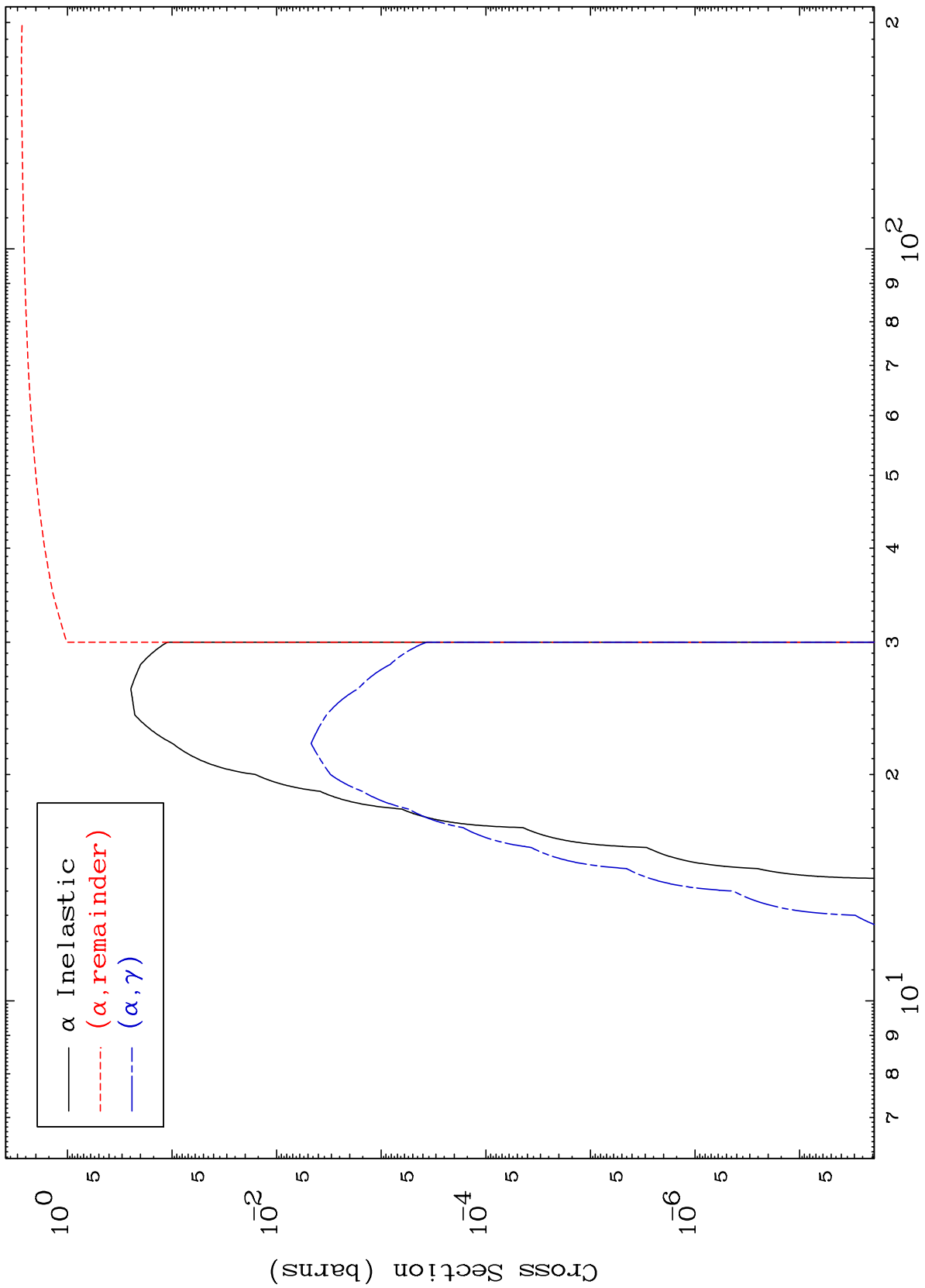
Press Mouse Button to Start

MAT 8292

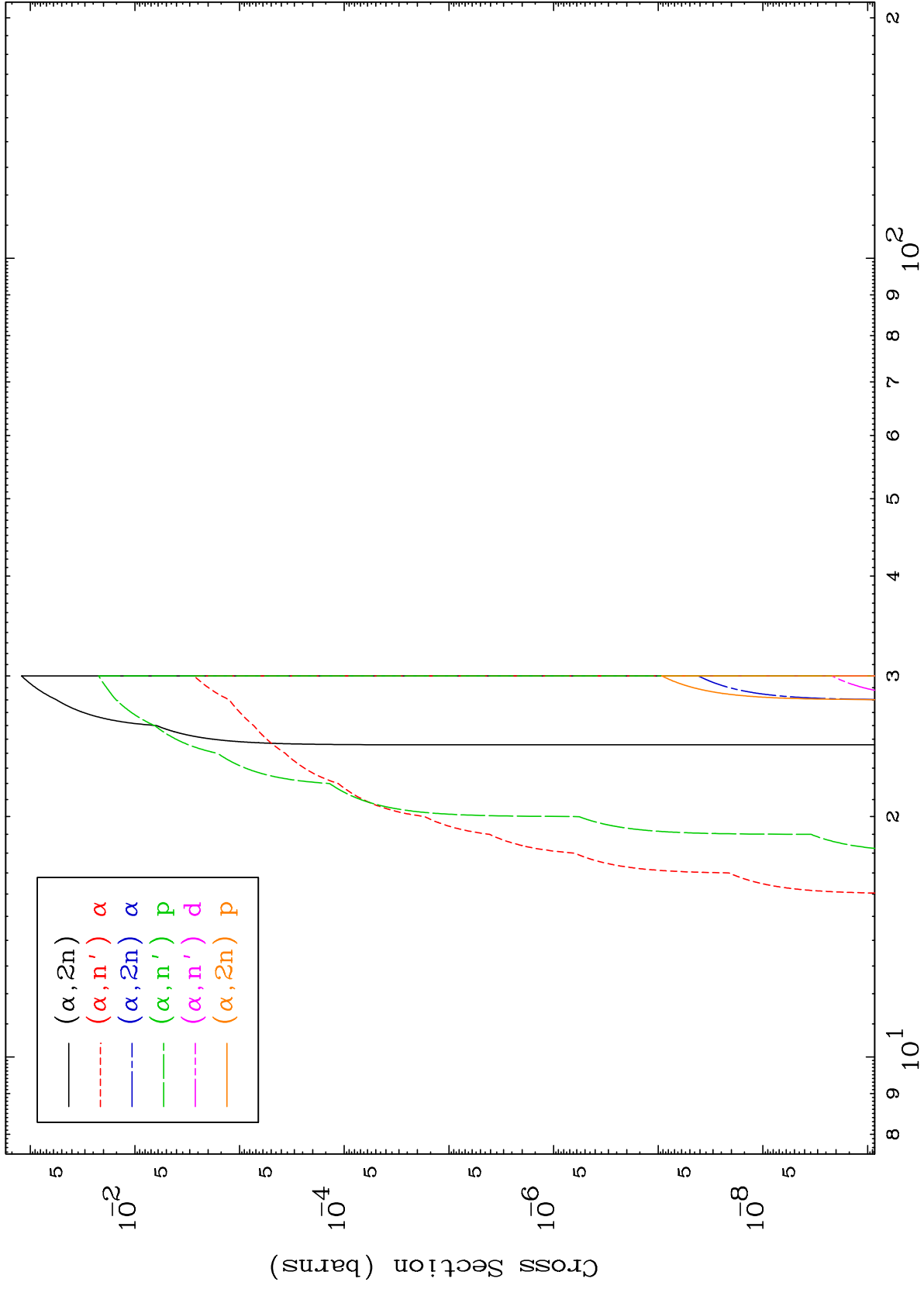
α Major

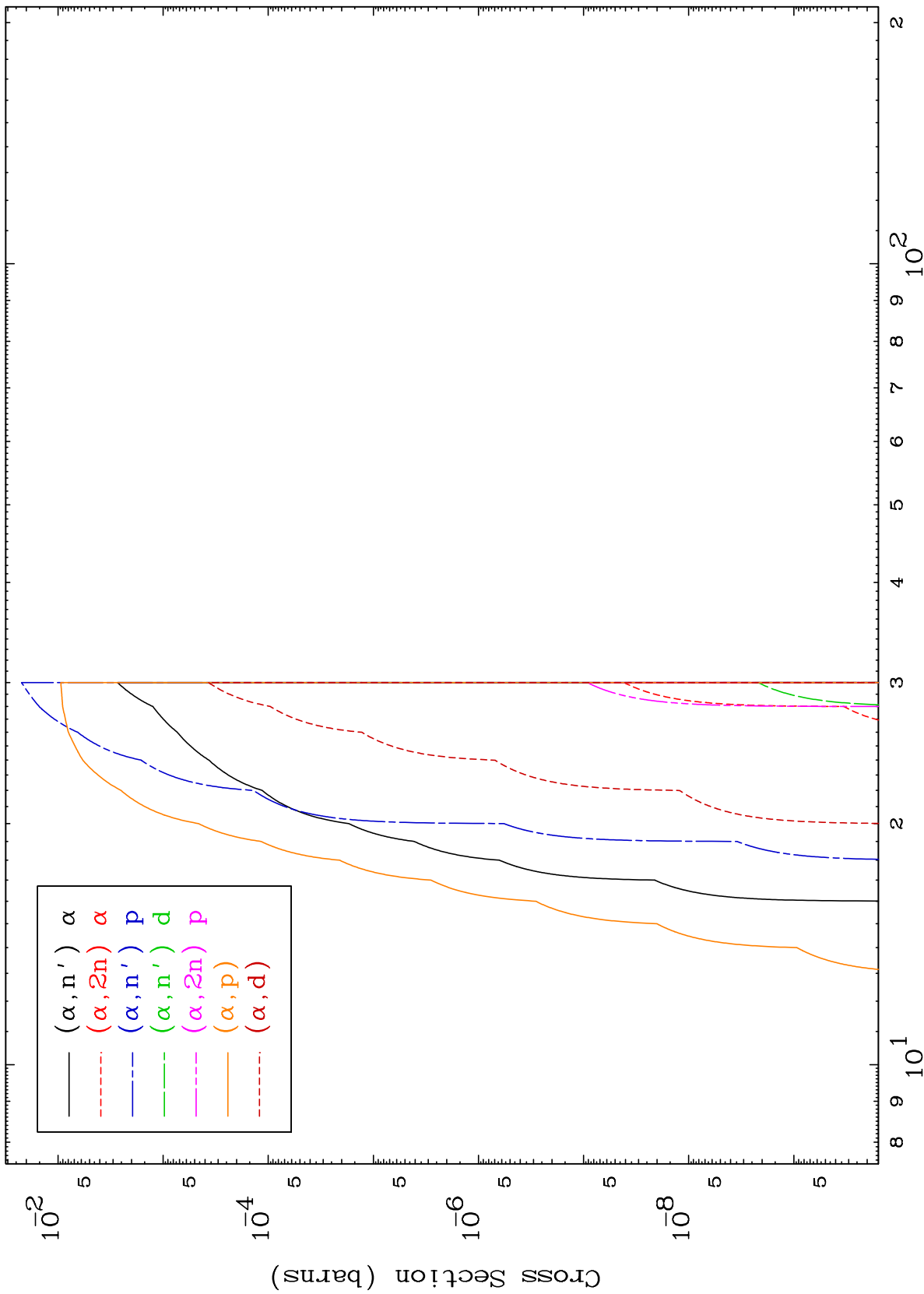
83-Bi-198

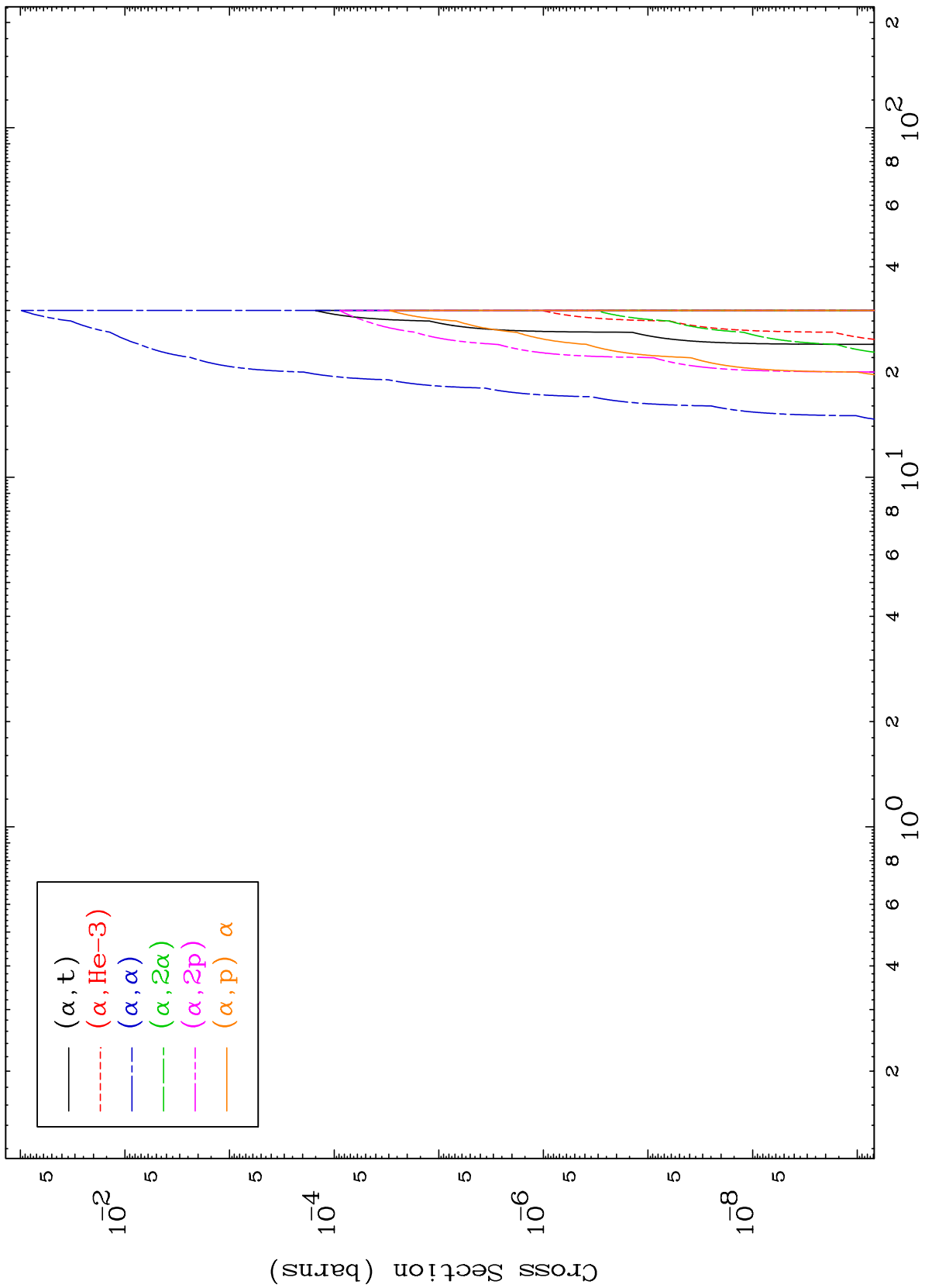
0 Kelvin Cross Sections



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



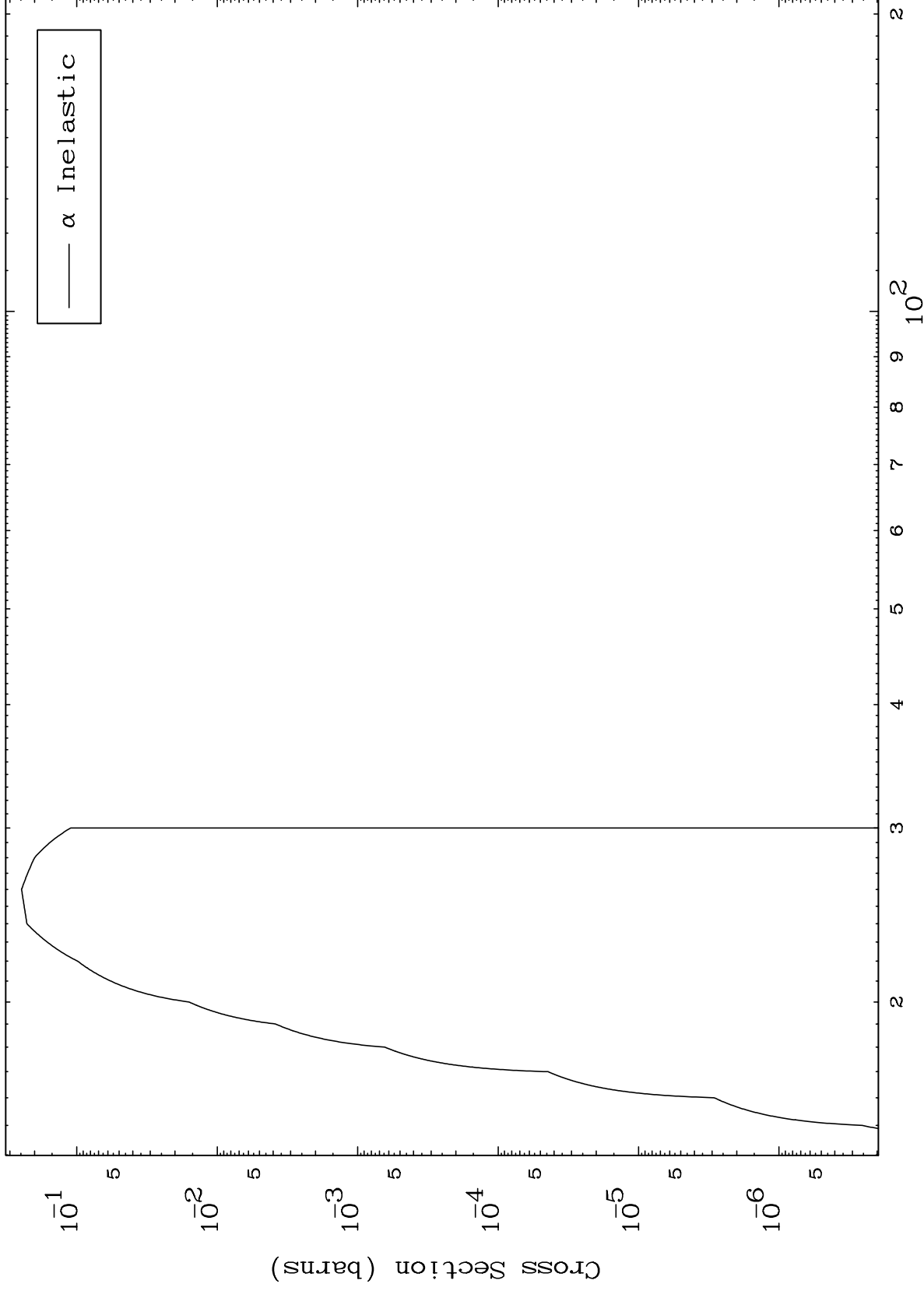




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(α, n') Level
0 Kelvin Cross Sections

83-Bi-198



83-Bi-198

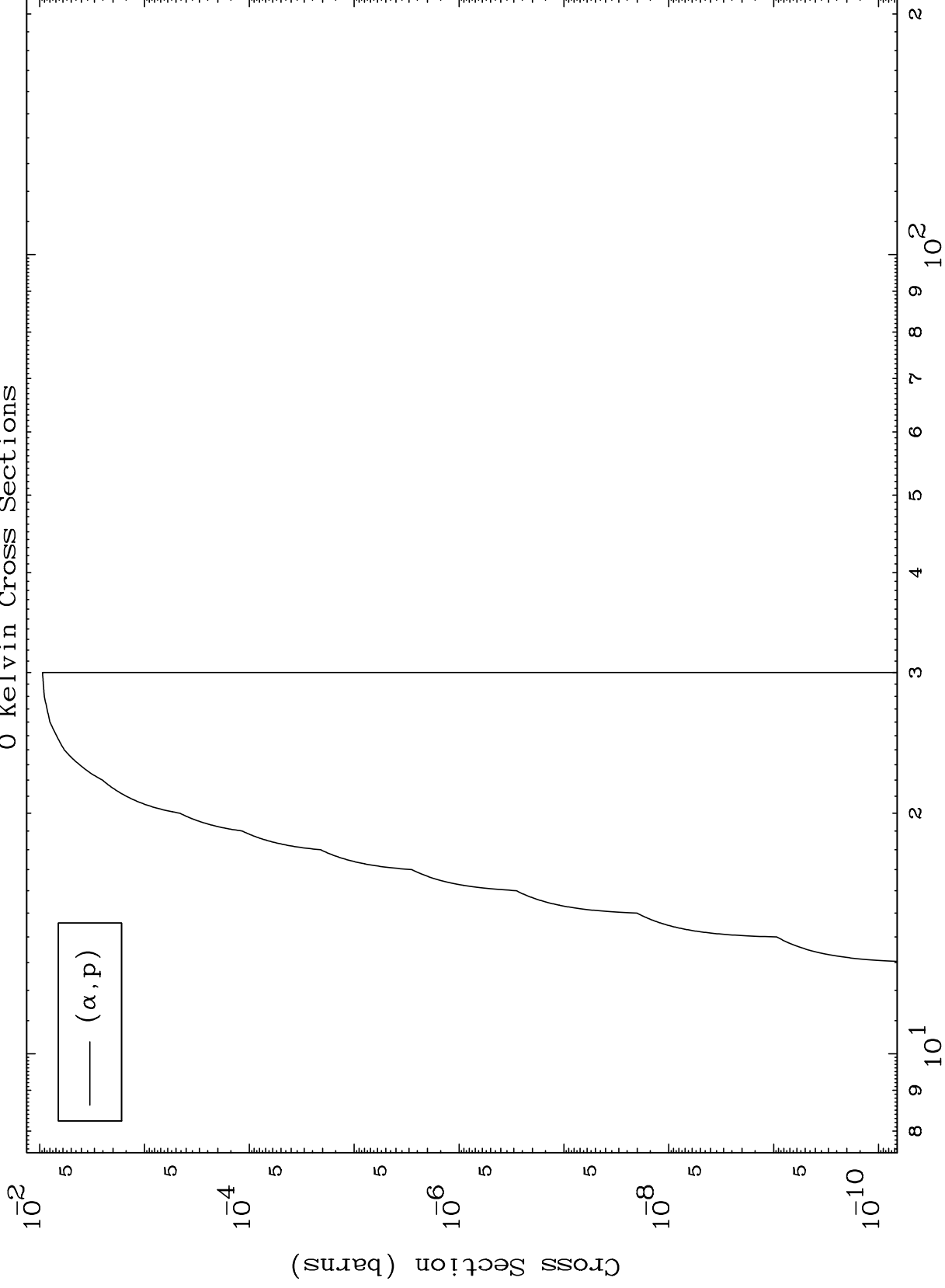
Incident Energy (MeV)

5

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(α, p) Levels
0 Kelvin Cross Sections

83-Bi-198



Incident Energy (MeV)

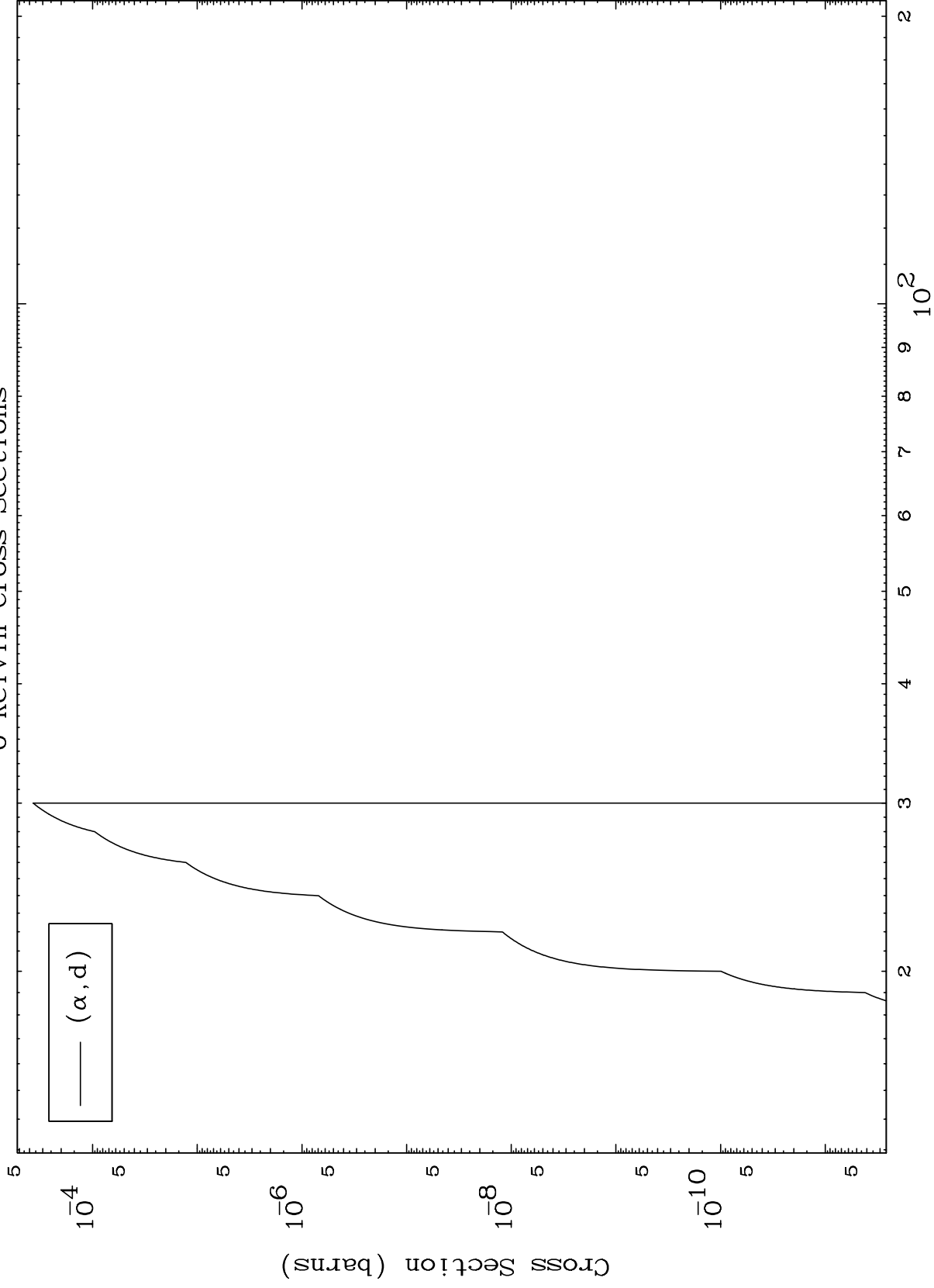
83-Bi-198

6

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(α, d) Levels
0 Kelvin Cross Sections

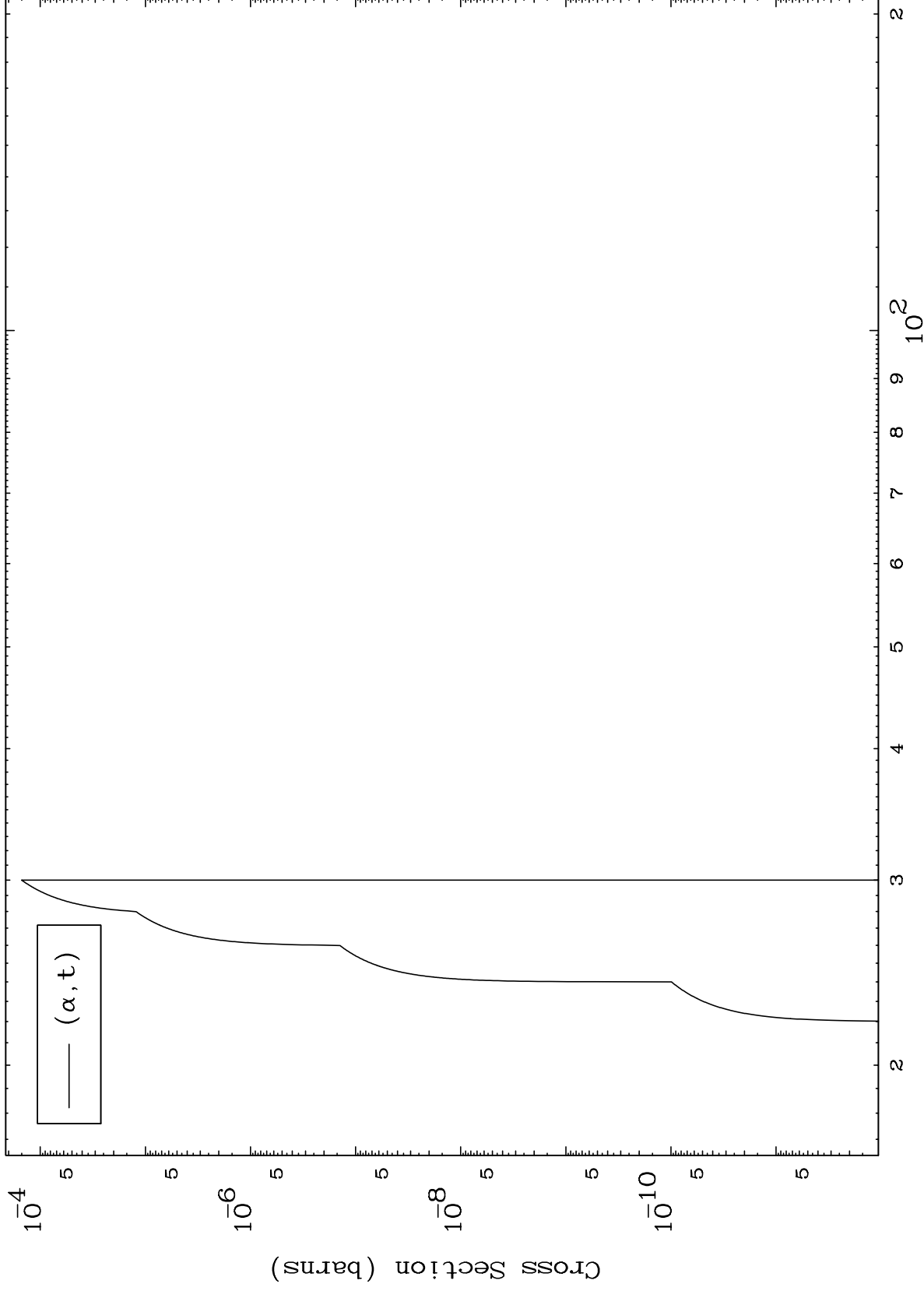
83-Bi-198

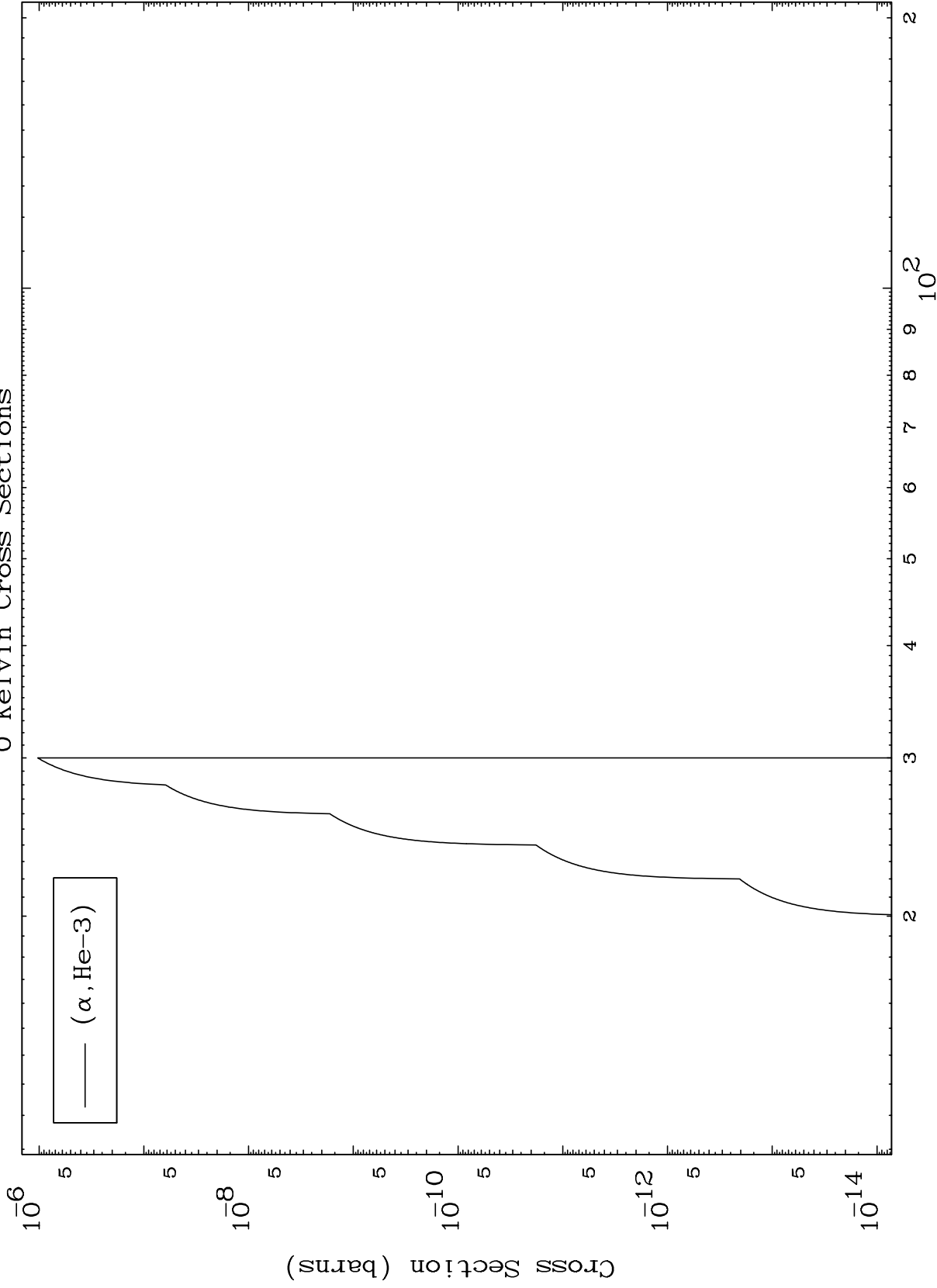


7

Incident Energy (MeV)

83-Bi-198

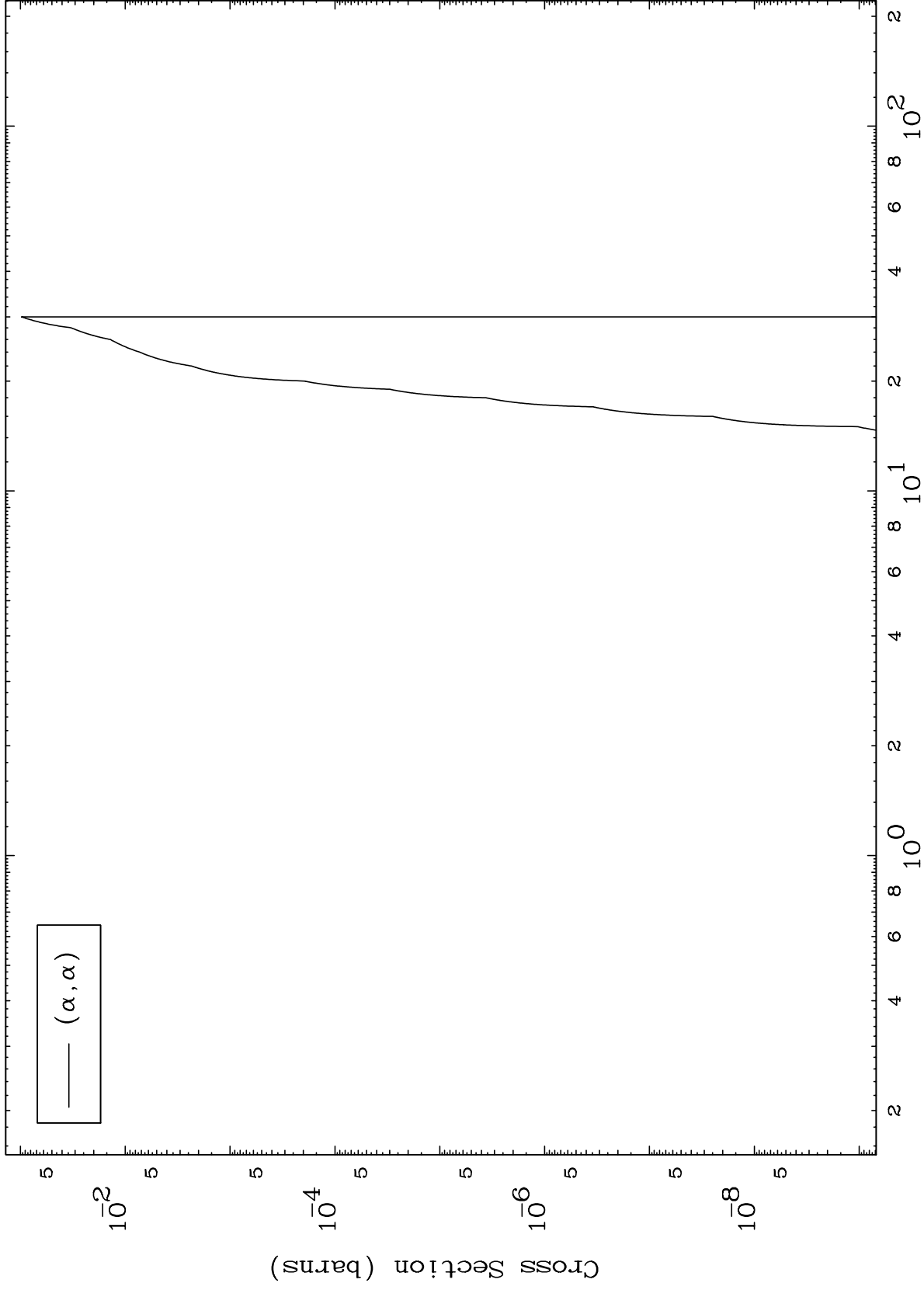




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(α, α) Levels
0 Kelvin Cross Sections

83-Bi-198



10

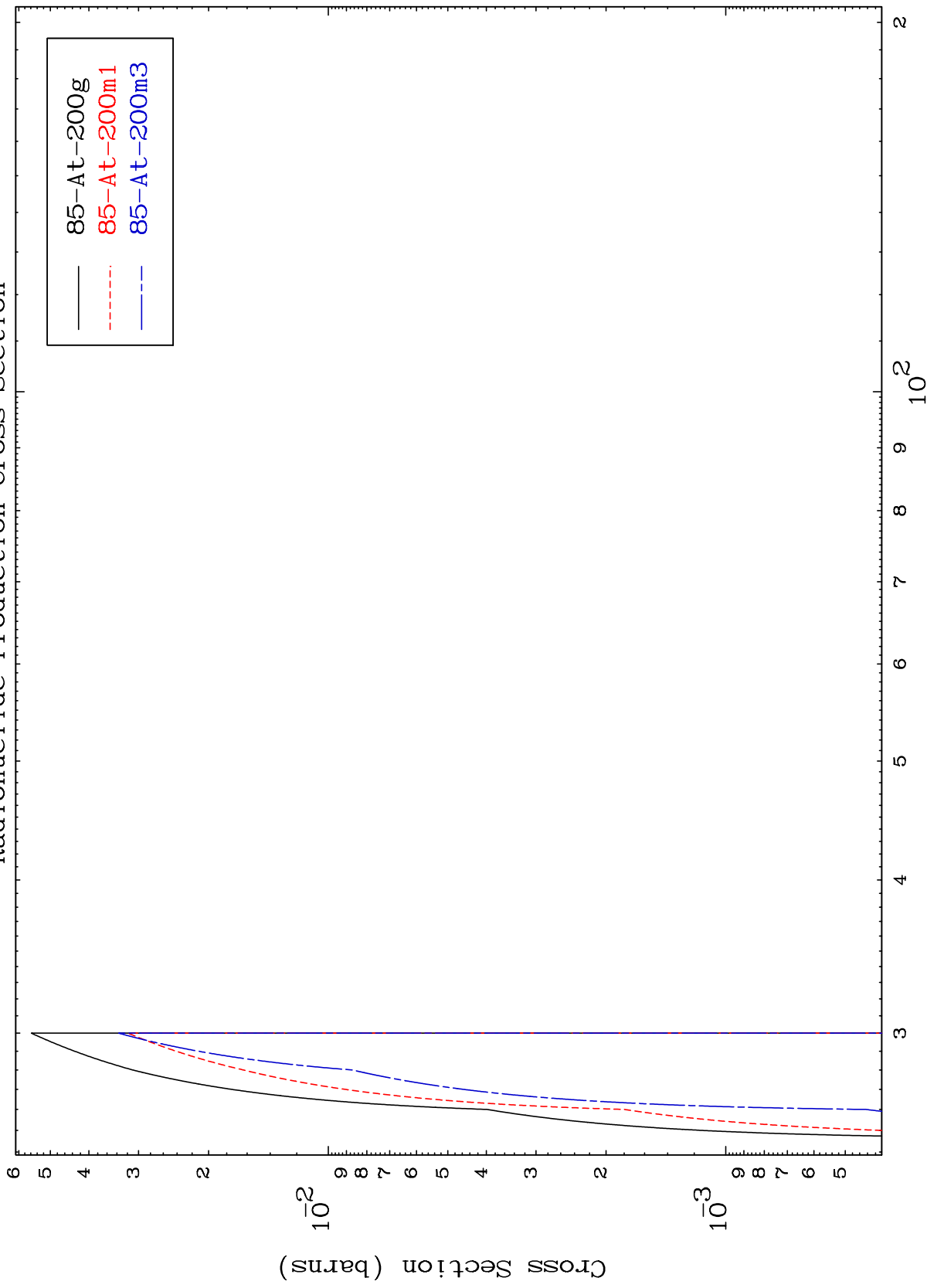
Incident Energy (MeV)

83-Bi-198

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83-Bi-198

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



11

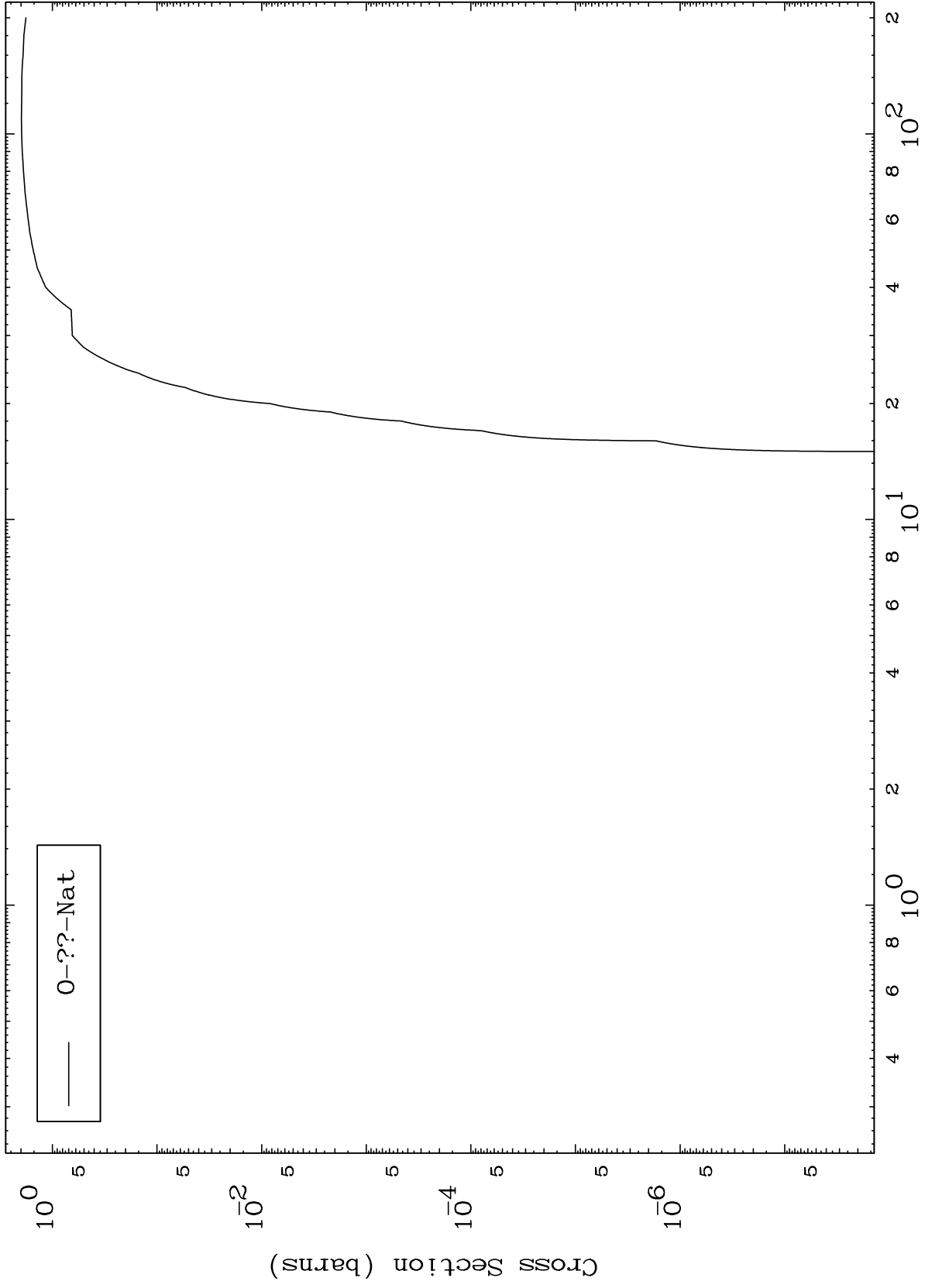
83-Bi-198

Incident Energy (MeV)

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83-Bi-198

α Fission
Radionuclide Production Cross Section



12

83-Bi-198

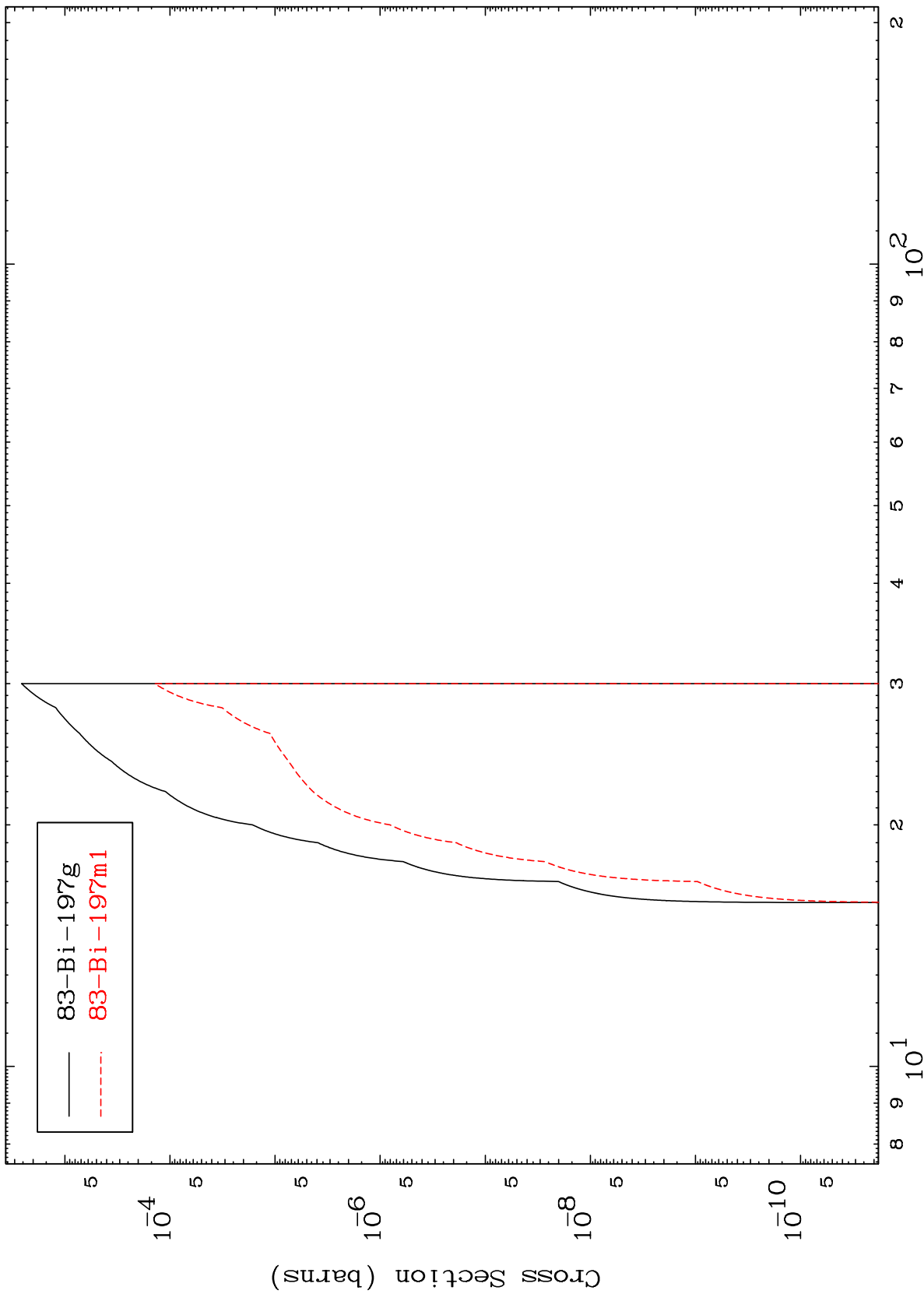
Incident Energy (MeV)

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83-Bi-198

(α, n') α

Radionuclide Production Cross Section

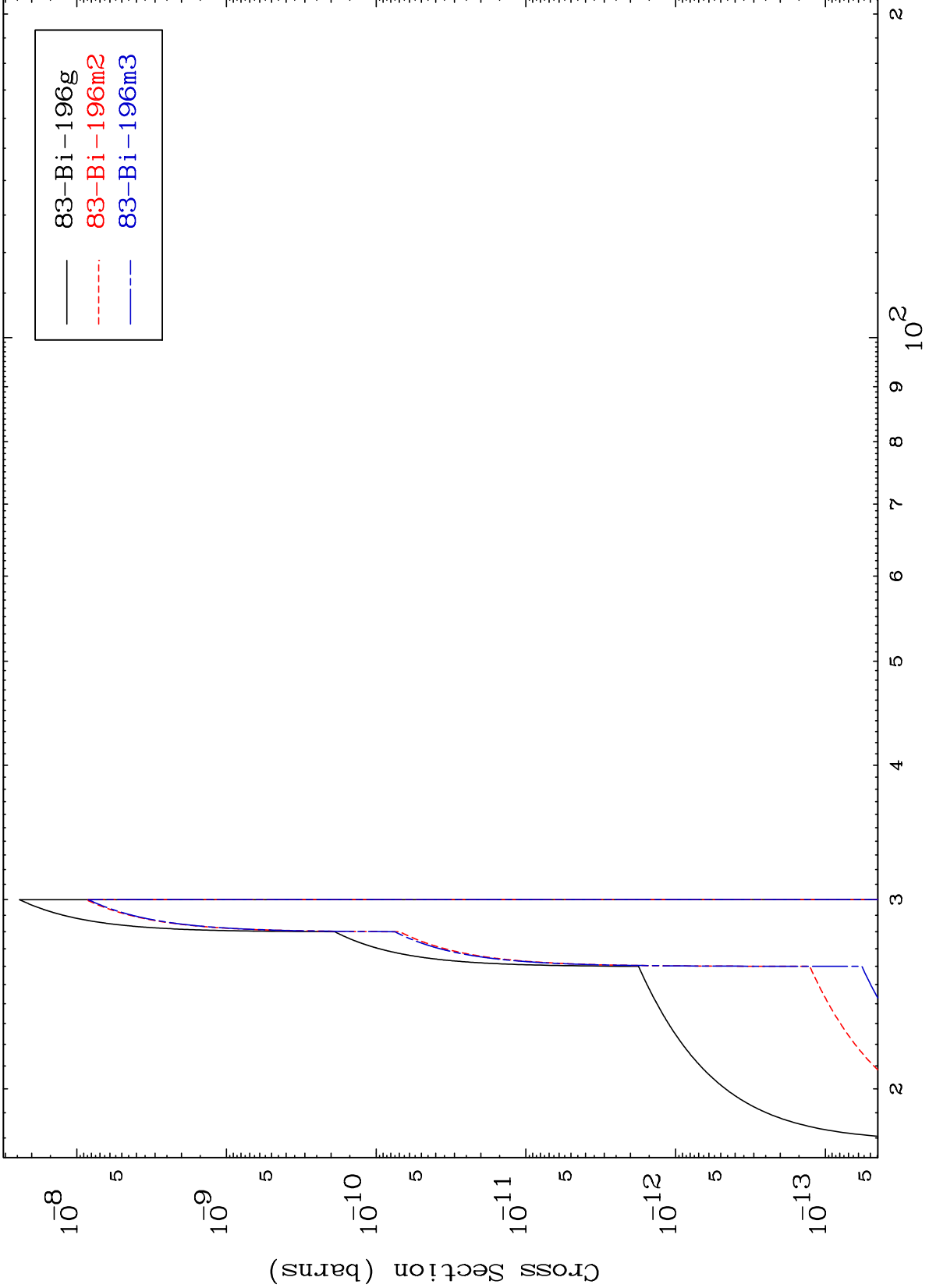


13

Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section

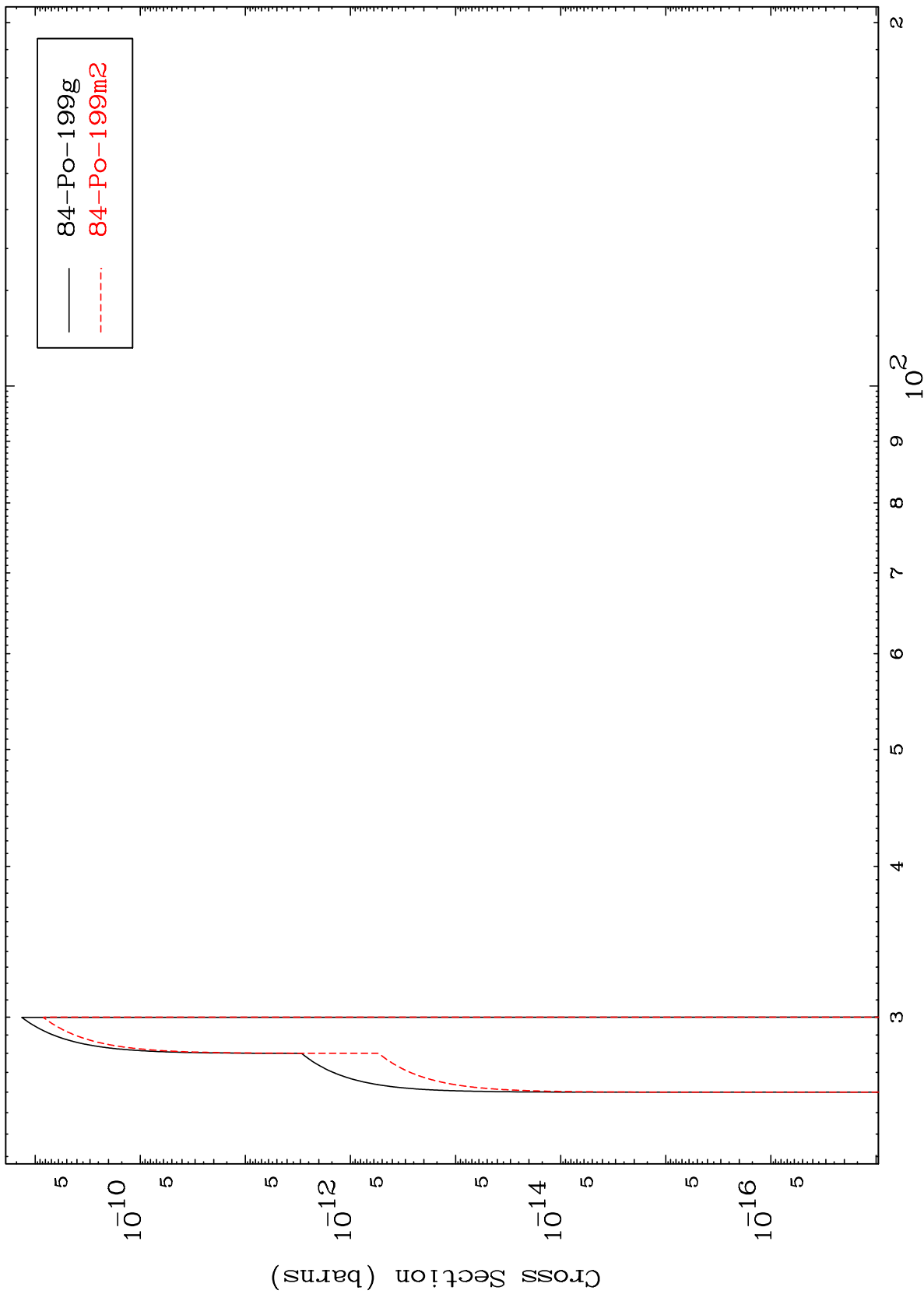


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(α, n') d

83-Bi-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

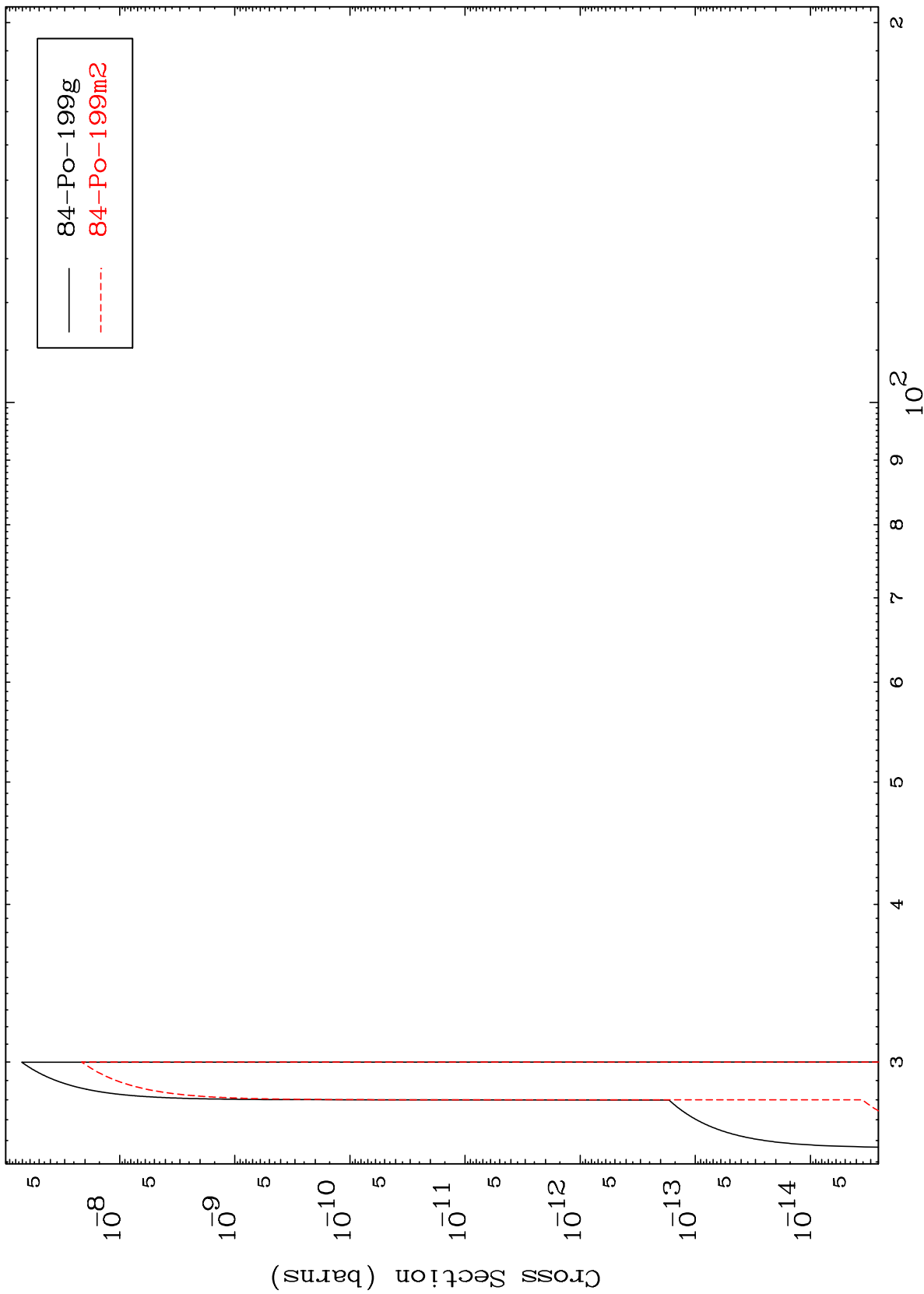
83-Bi-198

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$(\alpha, 2n)$ p

83-Bi-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

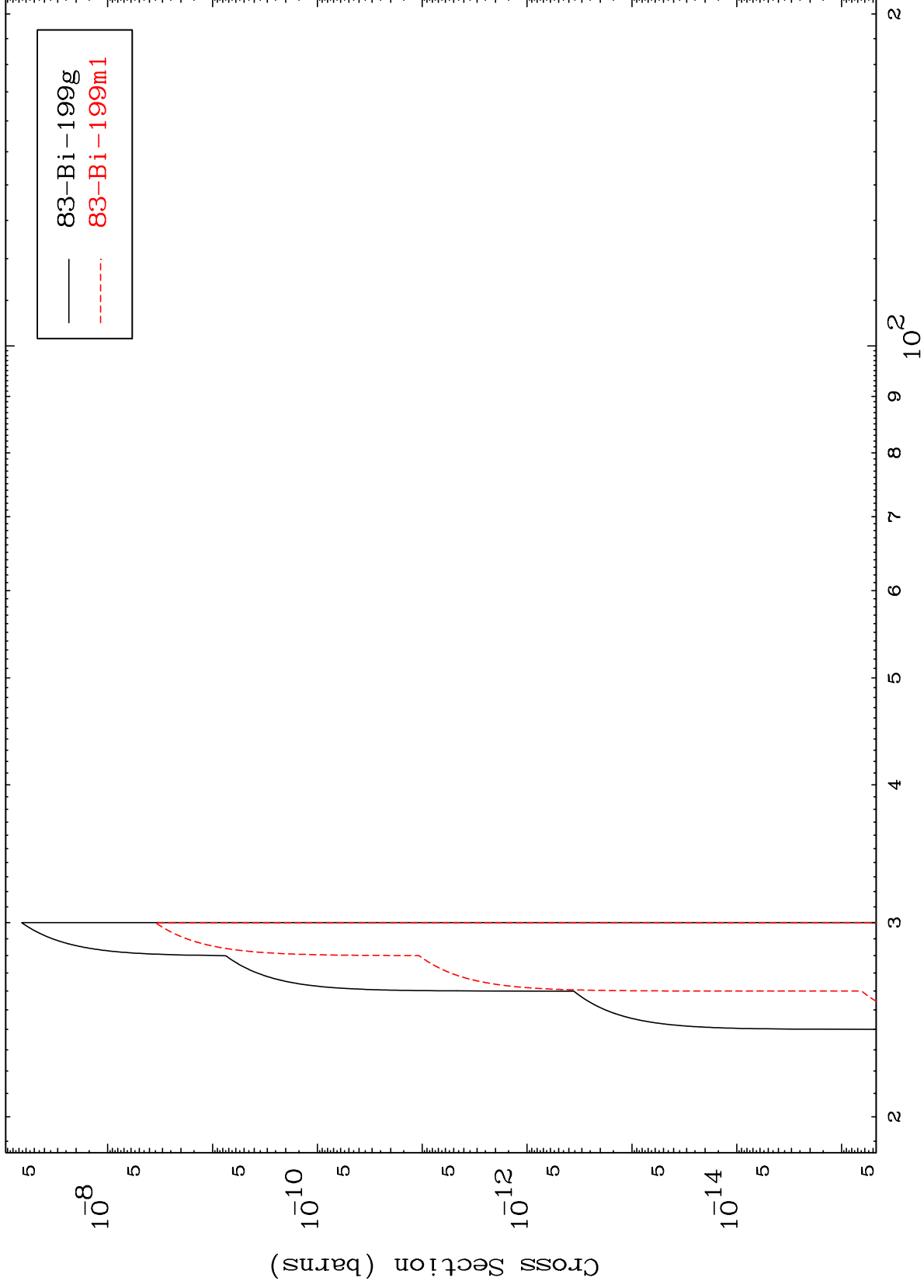
83-Bi-198

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$(\alpha, 2n)$ p

83-Bi-198

Radionuclide Production Cross Section



17

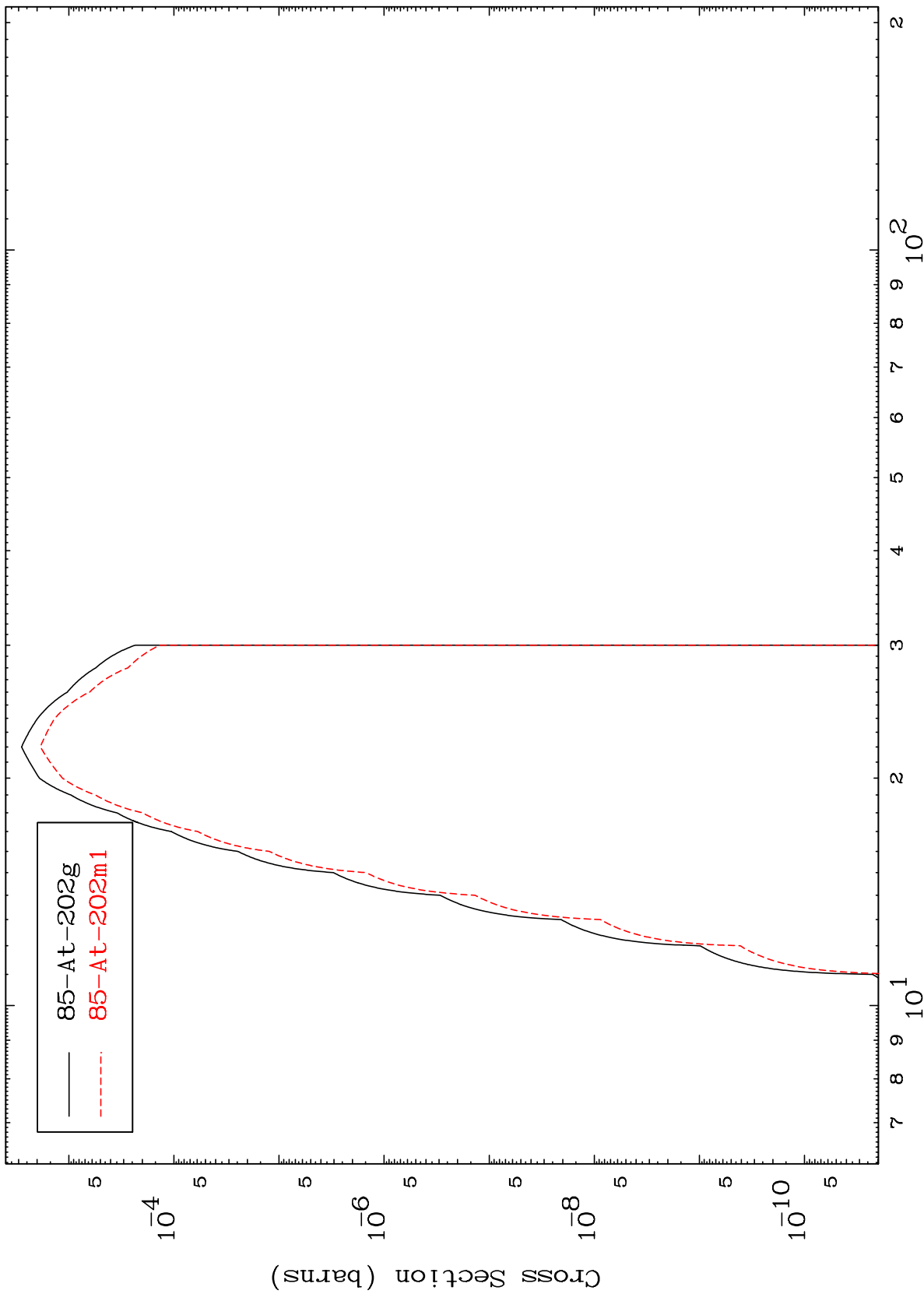
Incident Energy (MeV)

83-Bi-198

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83-Bi-198

(α, γ)
Radionuclide Production Cross Section



18

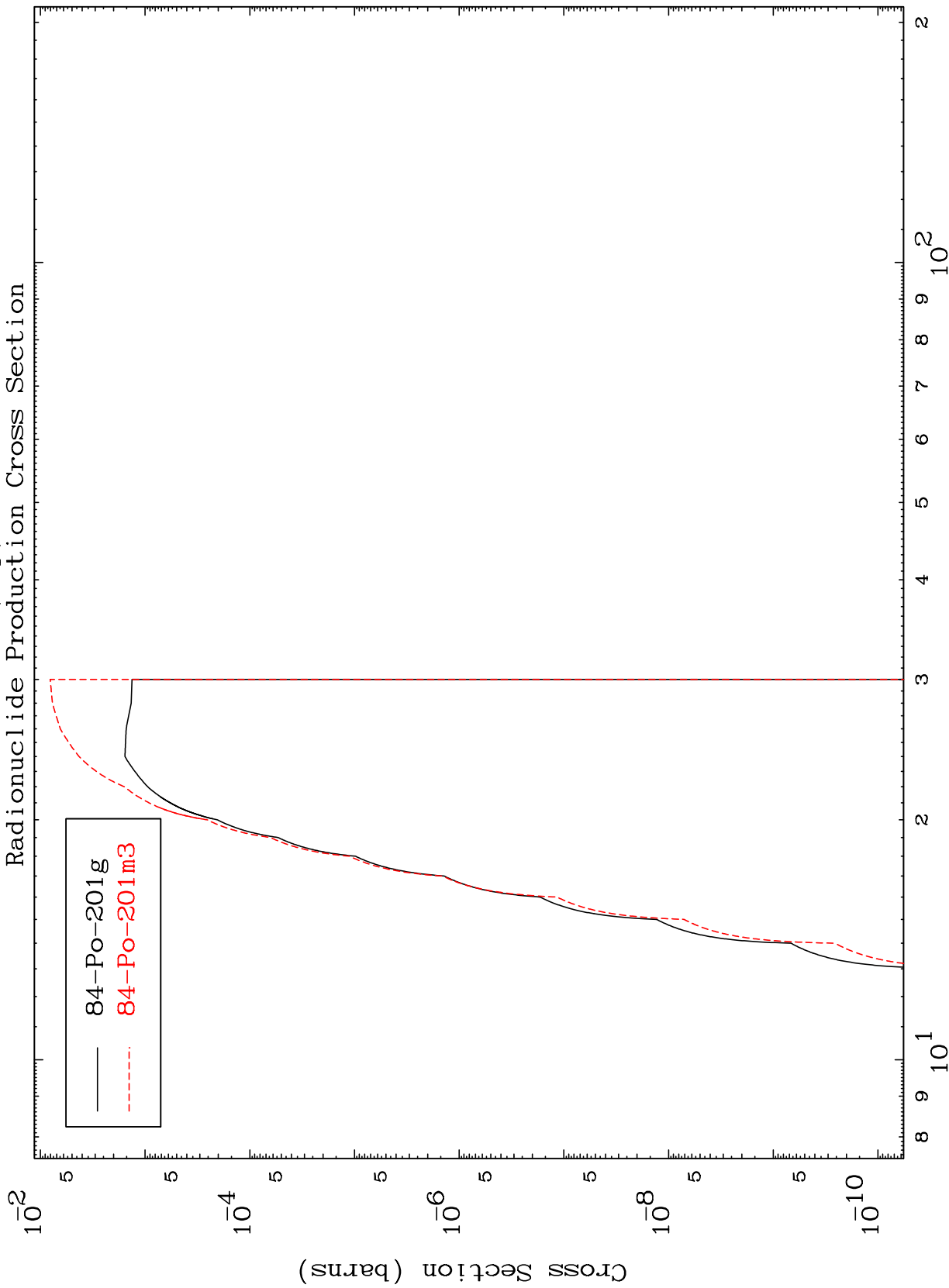
Incident Energy (MeV)

83-Bi-198

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83-Bi-198

(α, p)
Radionuclide Production Cross Section

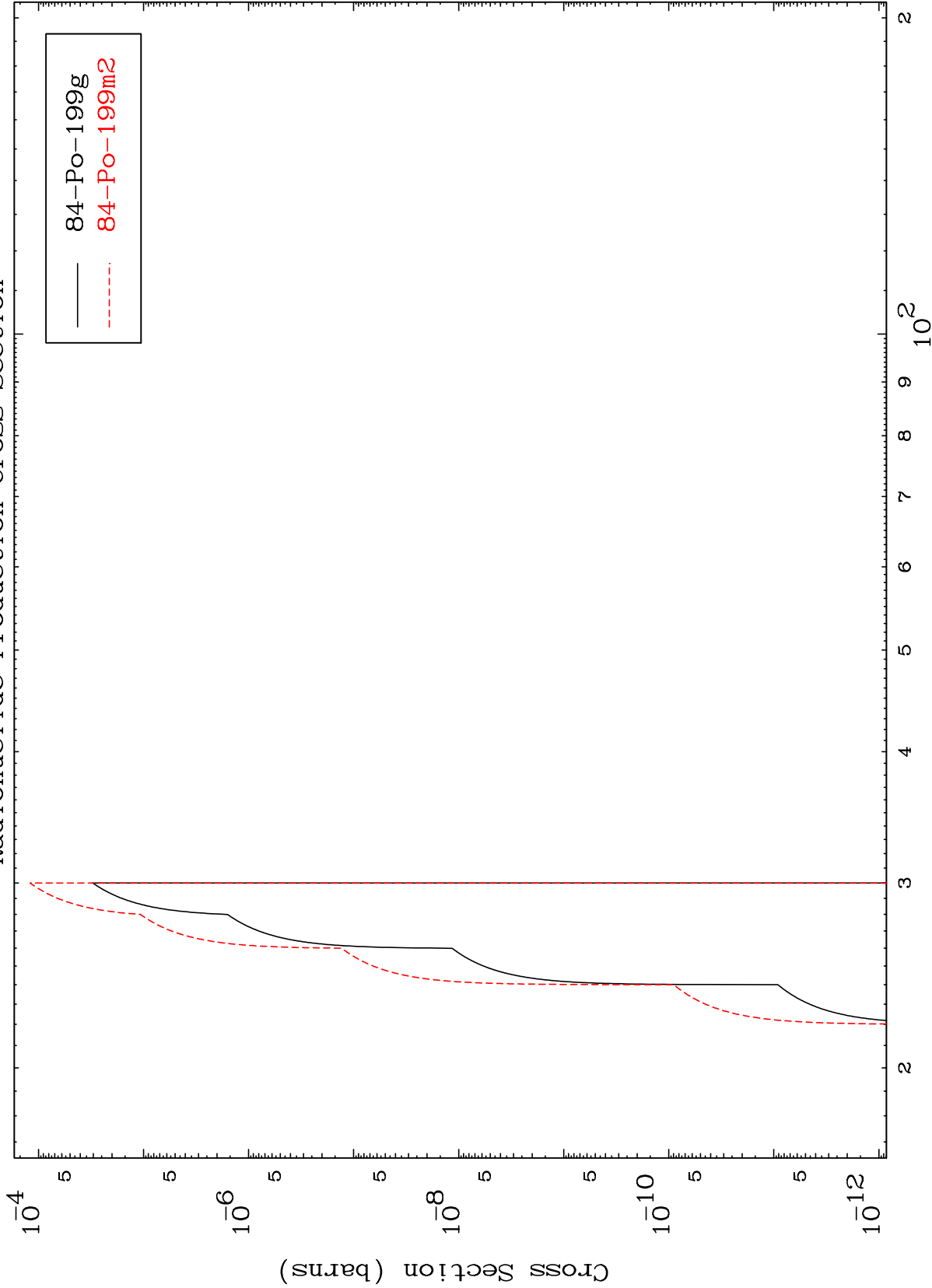


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Incident Energy (MeV)

83-Bi-198

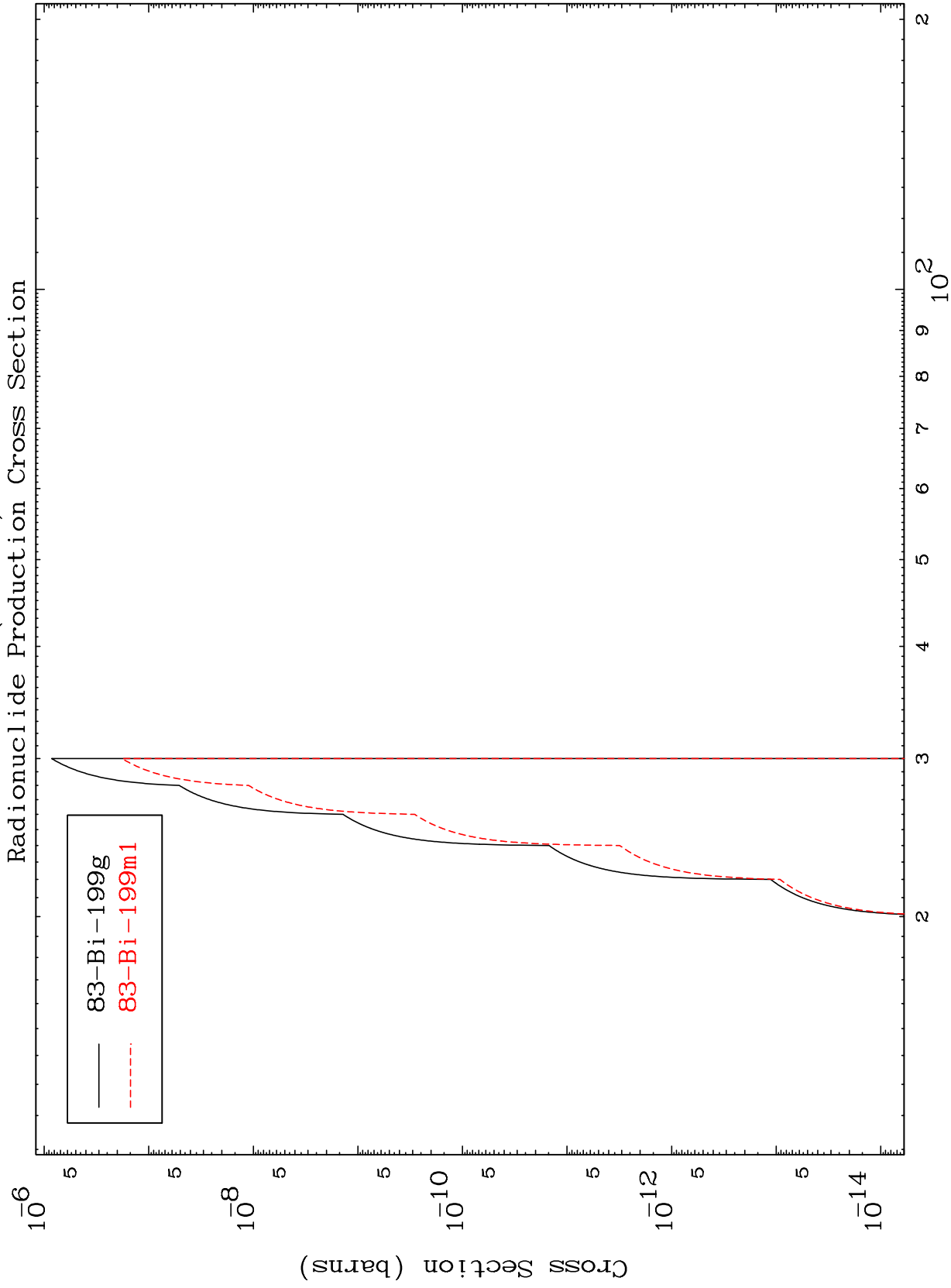
(α, t)
Radionuclide Production Cross Section



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83-Bi-198

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



21

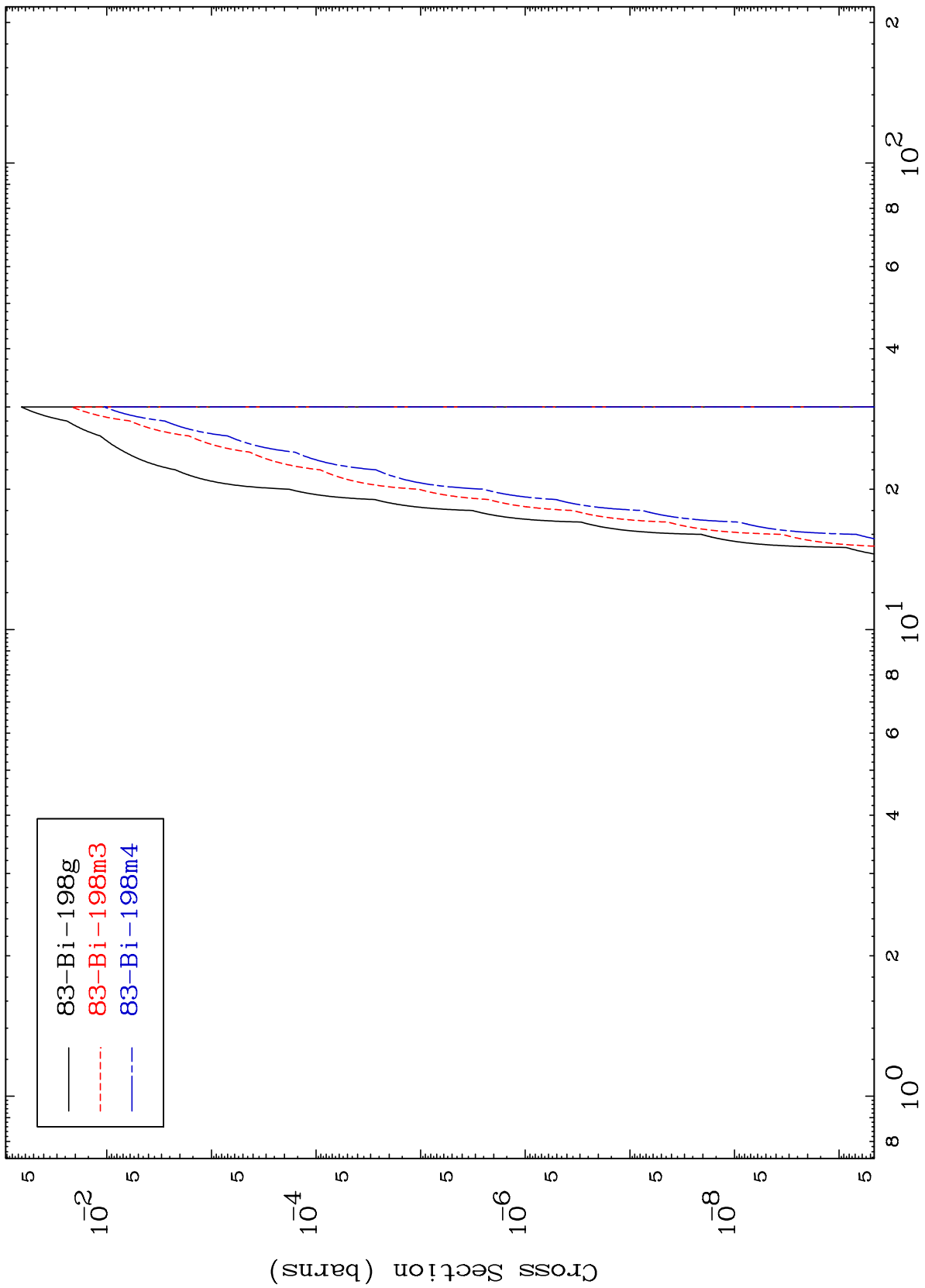
Incident Energy (MeV)

83-Bi-198

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83-Bi-198

Radionuclide Production Cross Section
(α, α)



83-Bi-198

Incident Energy (MeV)

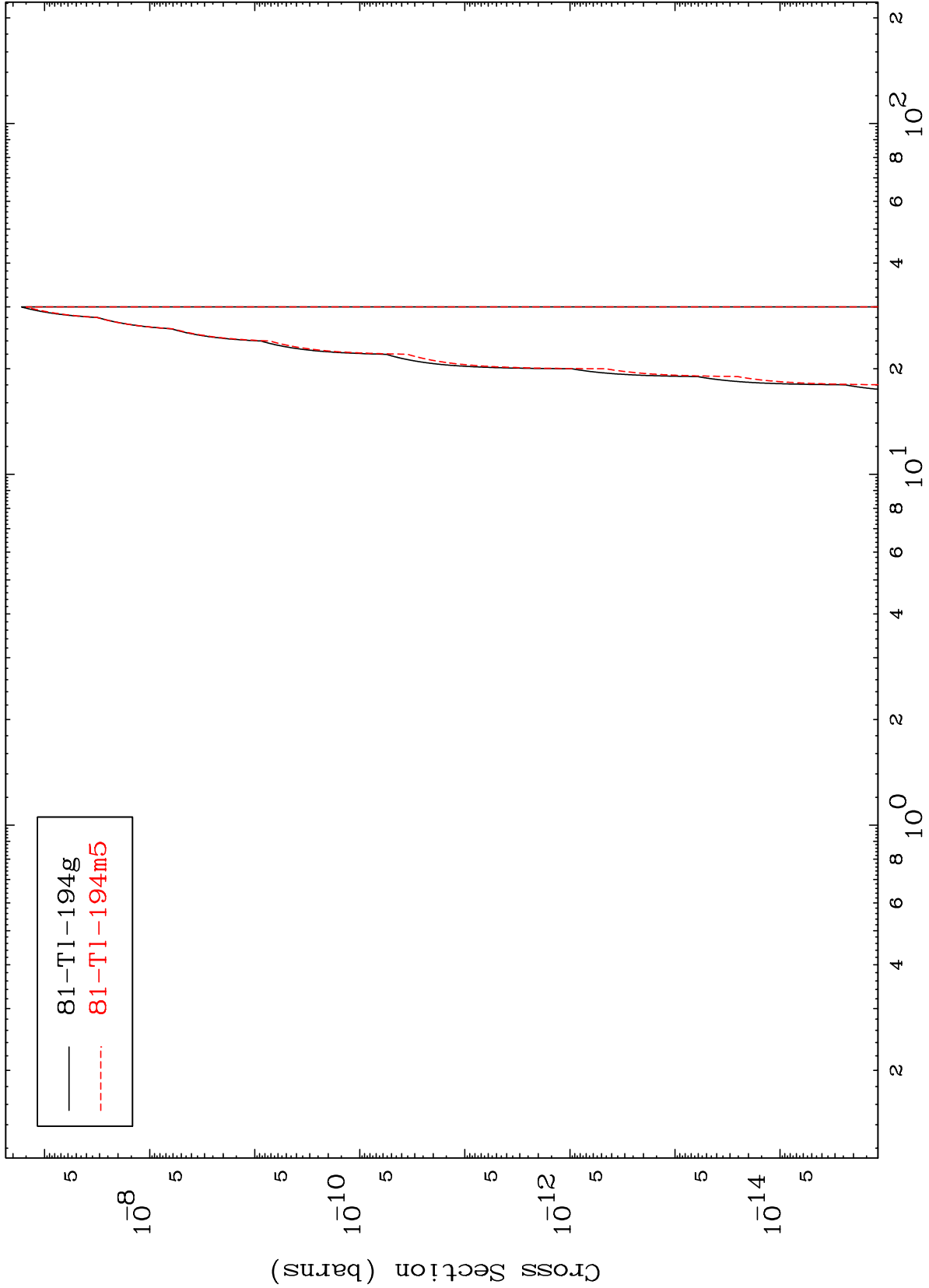
22

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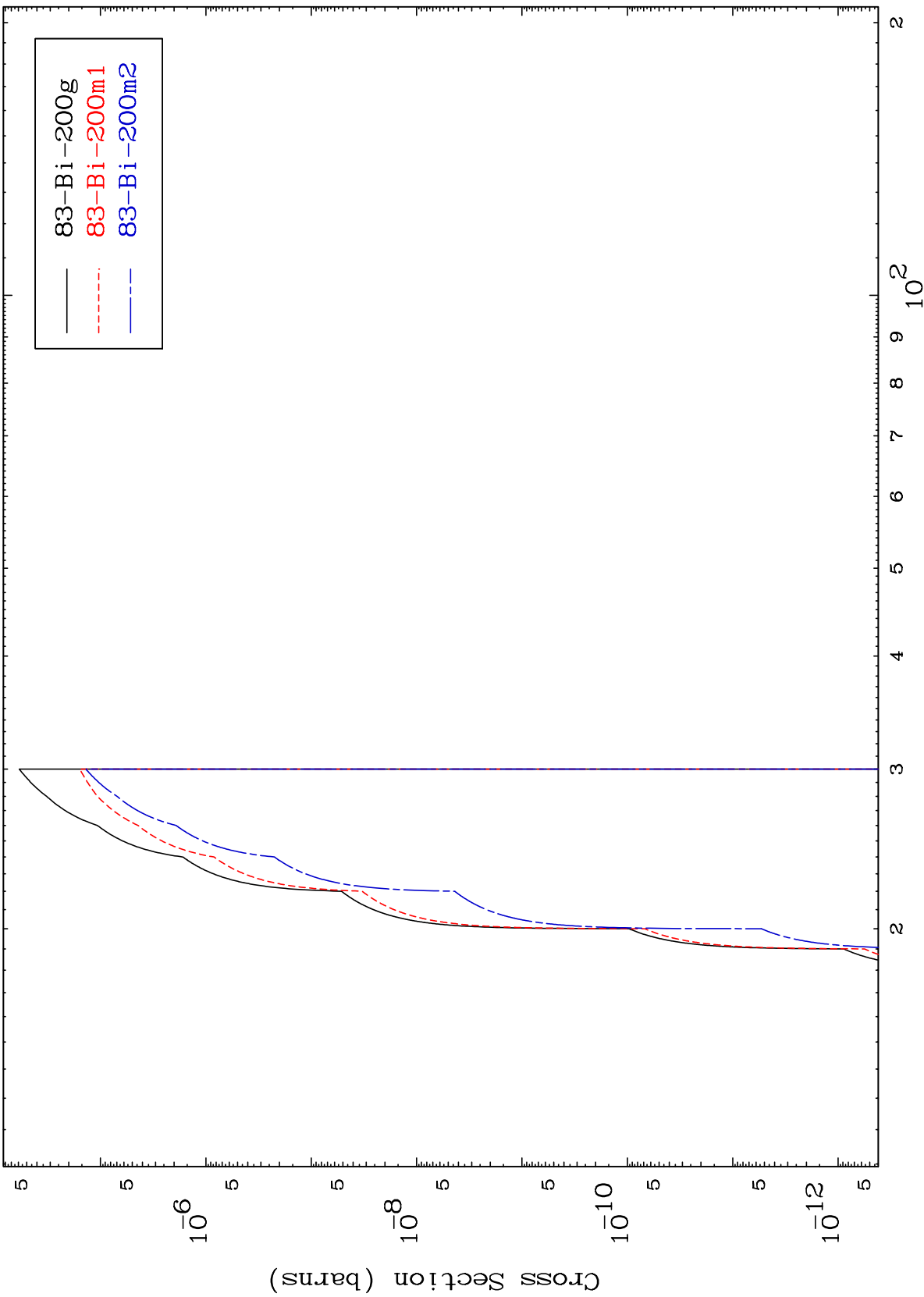
($\alpha, 2\alpha$)

83-Bi-198

Radionuclide Production Cross Section



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

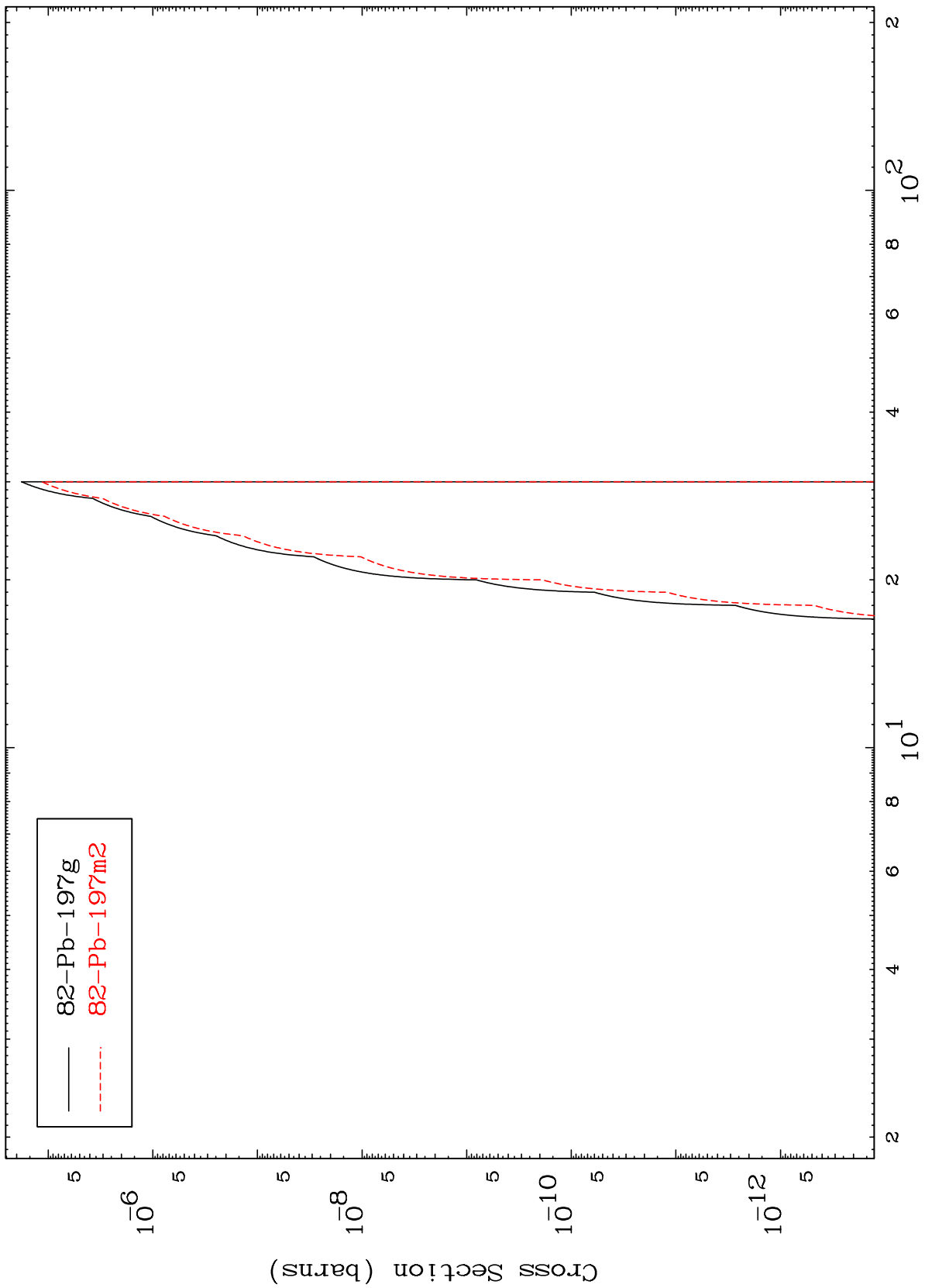


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(α, p) α

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Radionuclide Production Cross Section



25

Incident Energy (MeV)

83-Bi-198