

Program EVALPLOT
(Version 2018-1)

by

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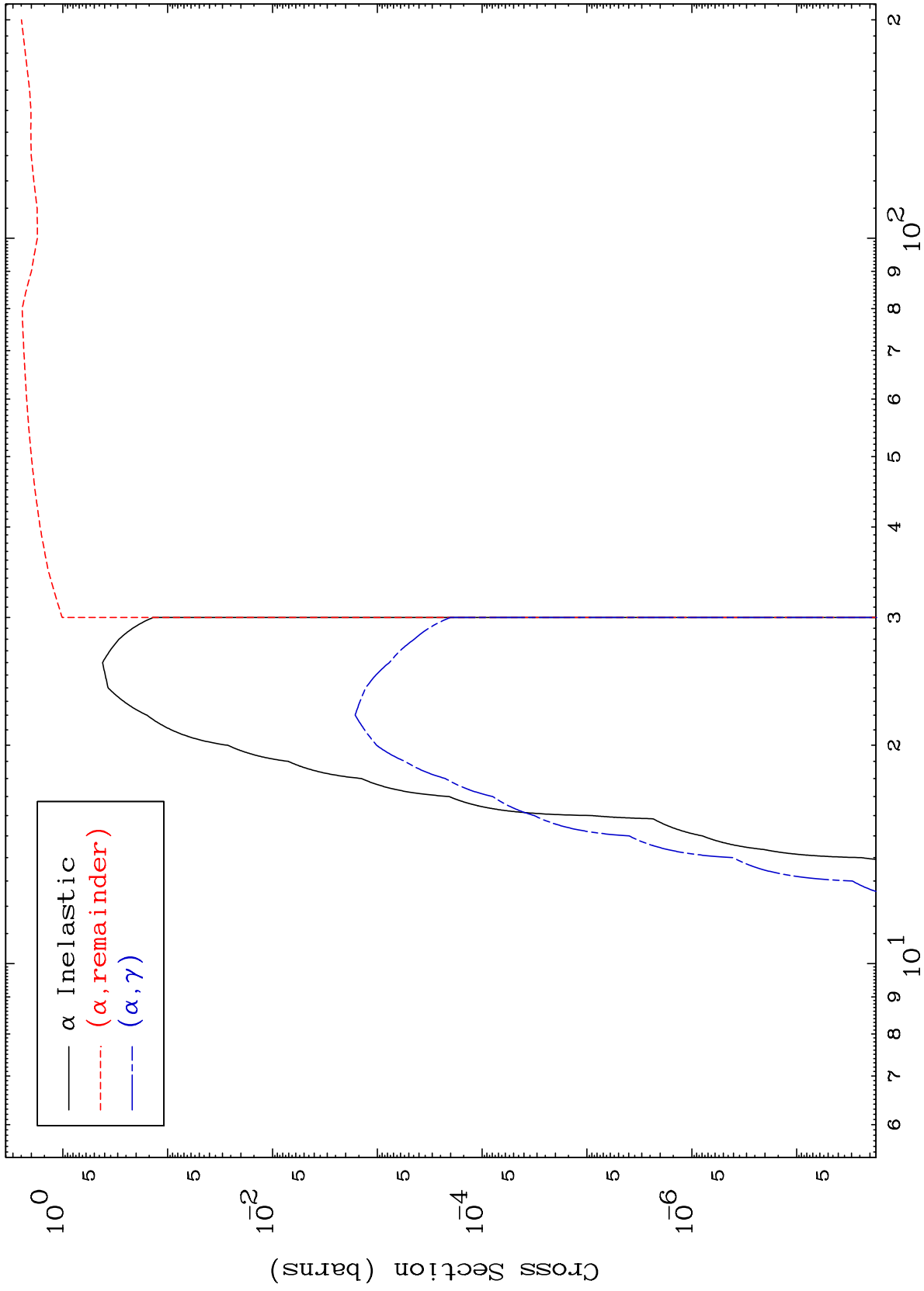
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8293

0 Kelvin α Major
Cross Sections

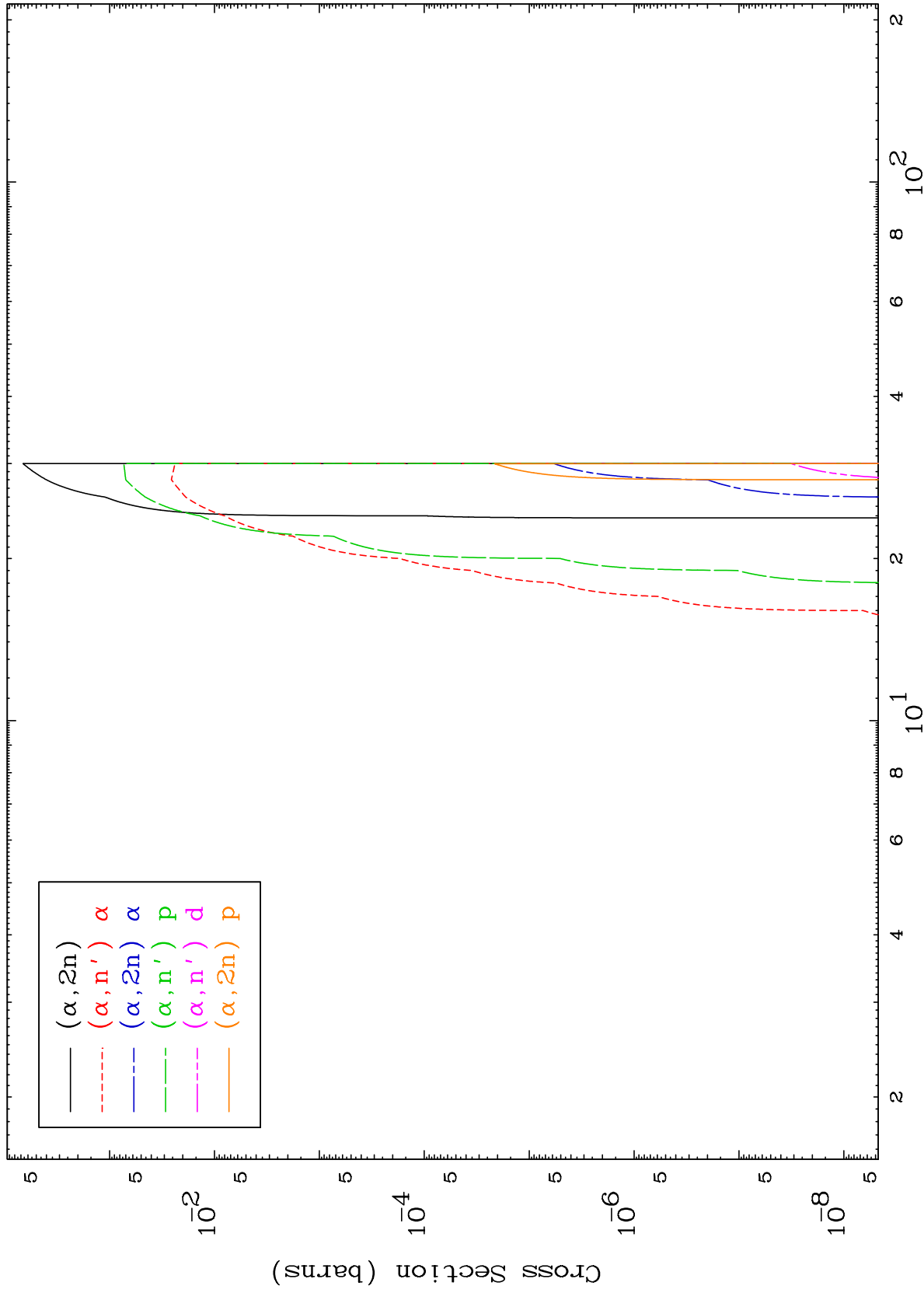
83-Bi-198



MAT 8293

α Neutron Production
0 Kelvin Cross Sections

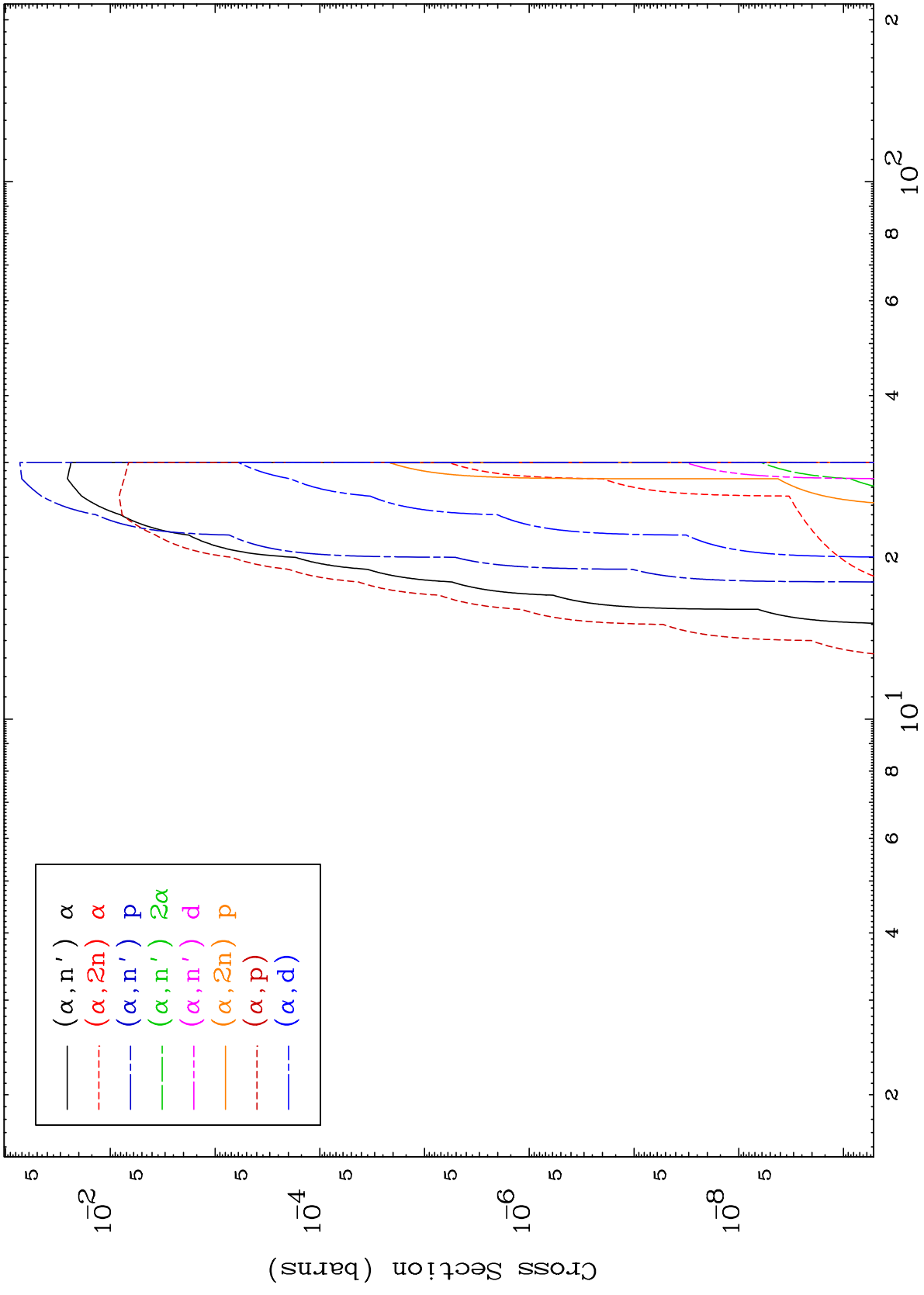
83-Bi-198



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Incident Energy (MeV)

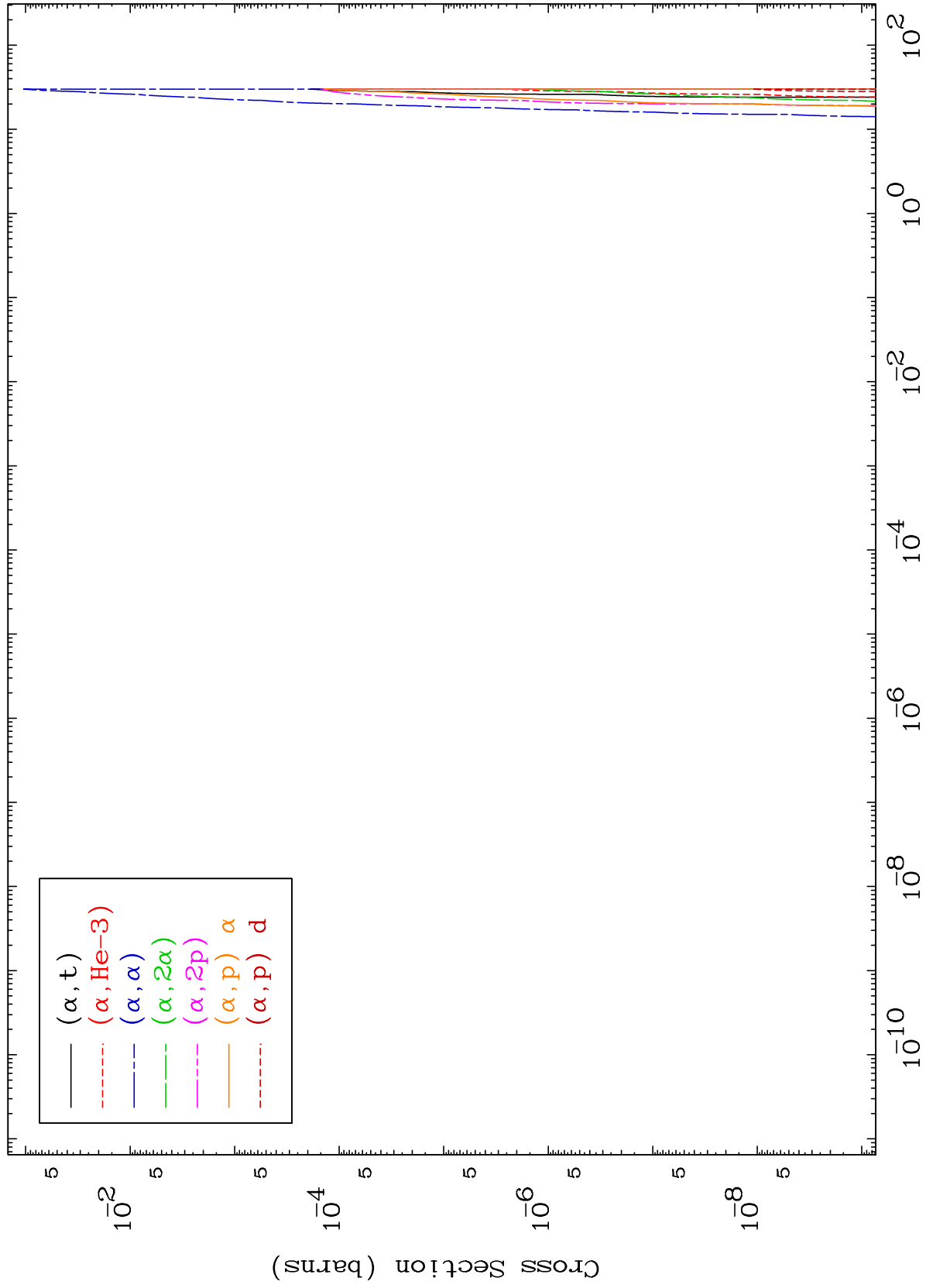
83-Bi-198



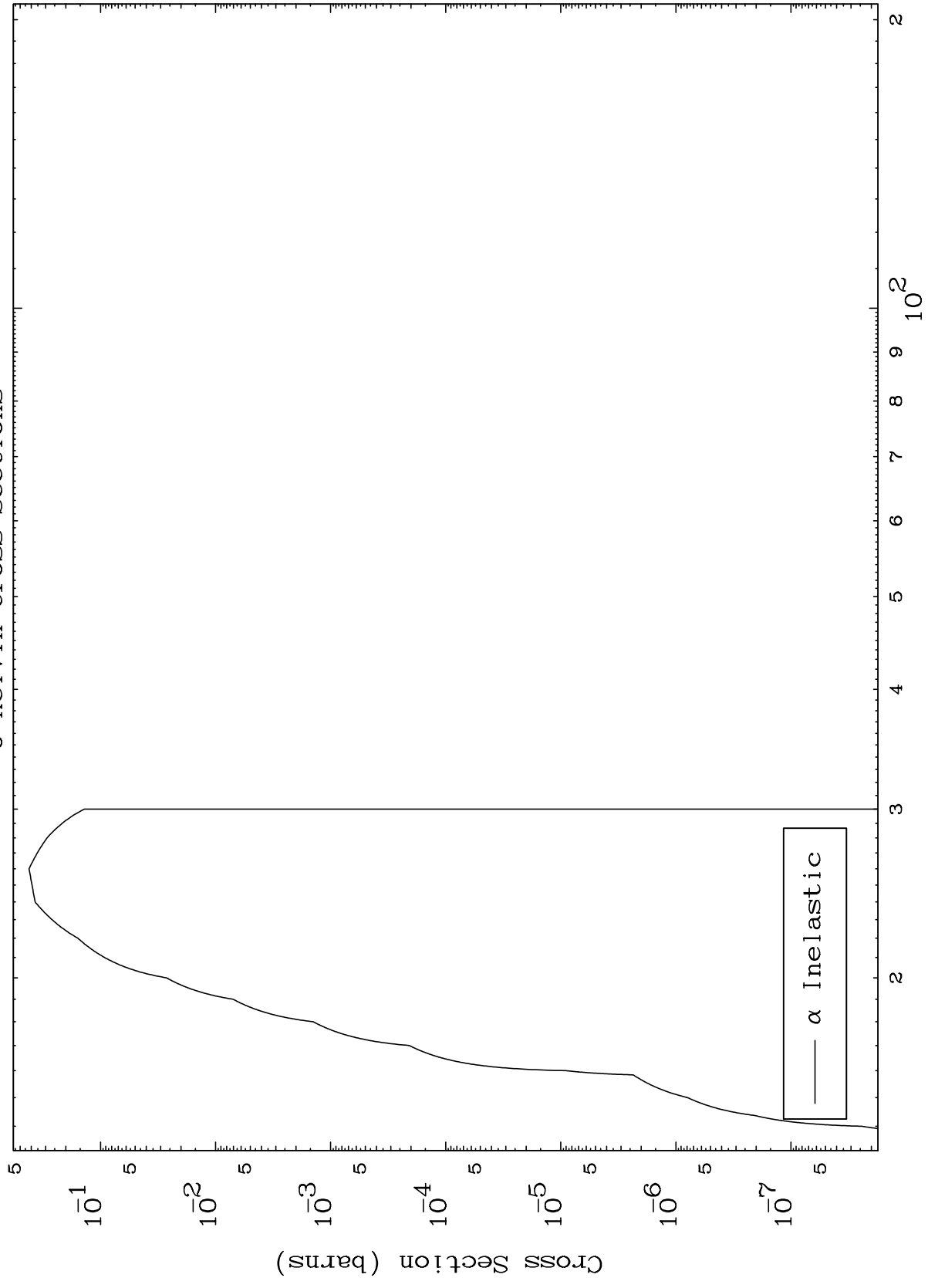
MAT 8293

α Charged Particle
0 Kelvin Cross Sections

83-Bi-198



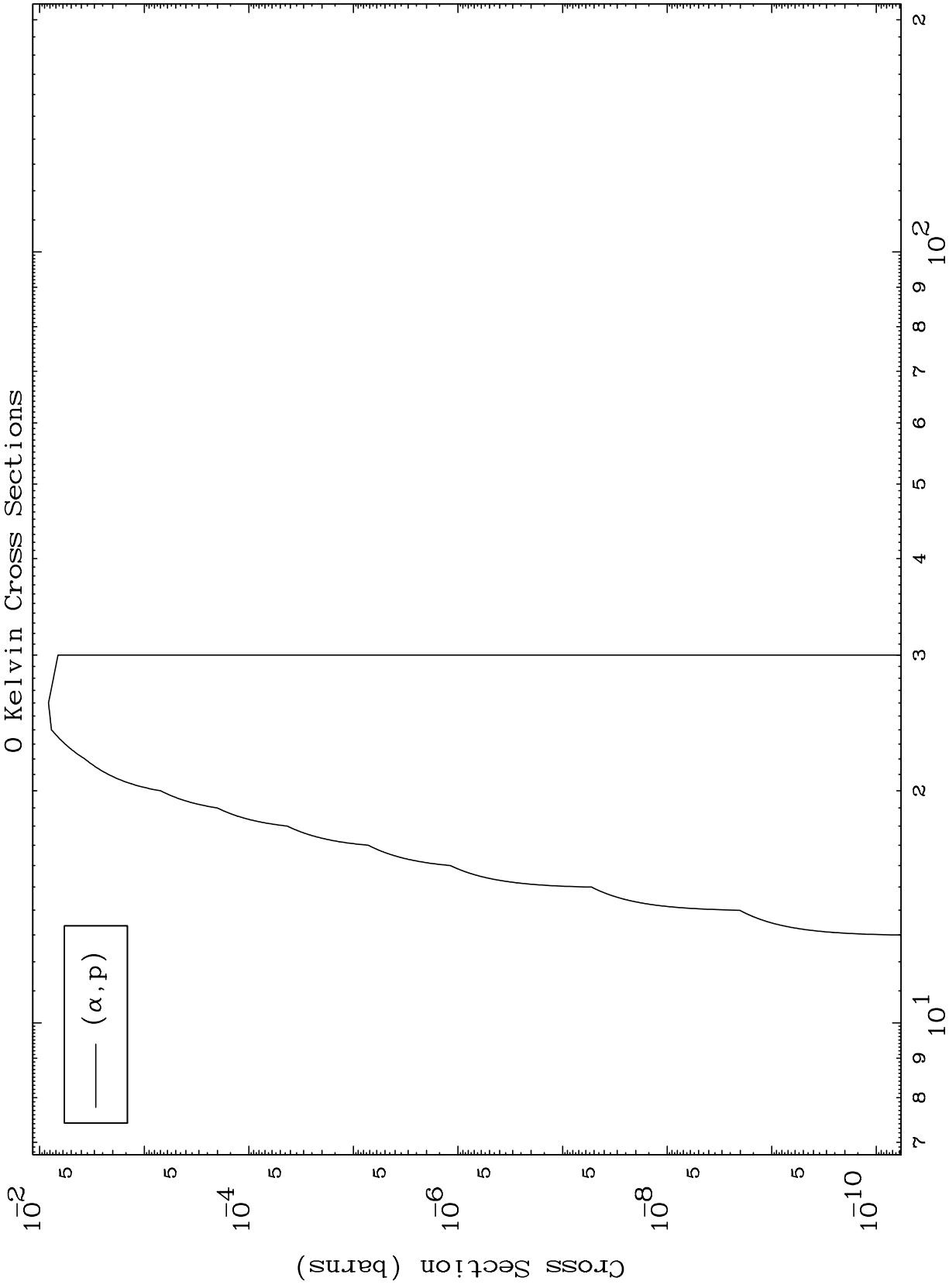
83-Bi-198



MAT 8293

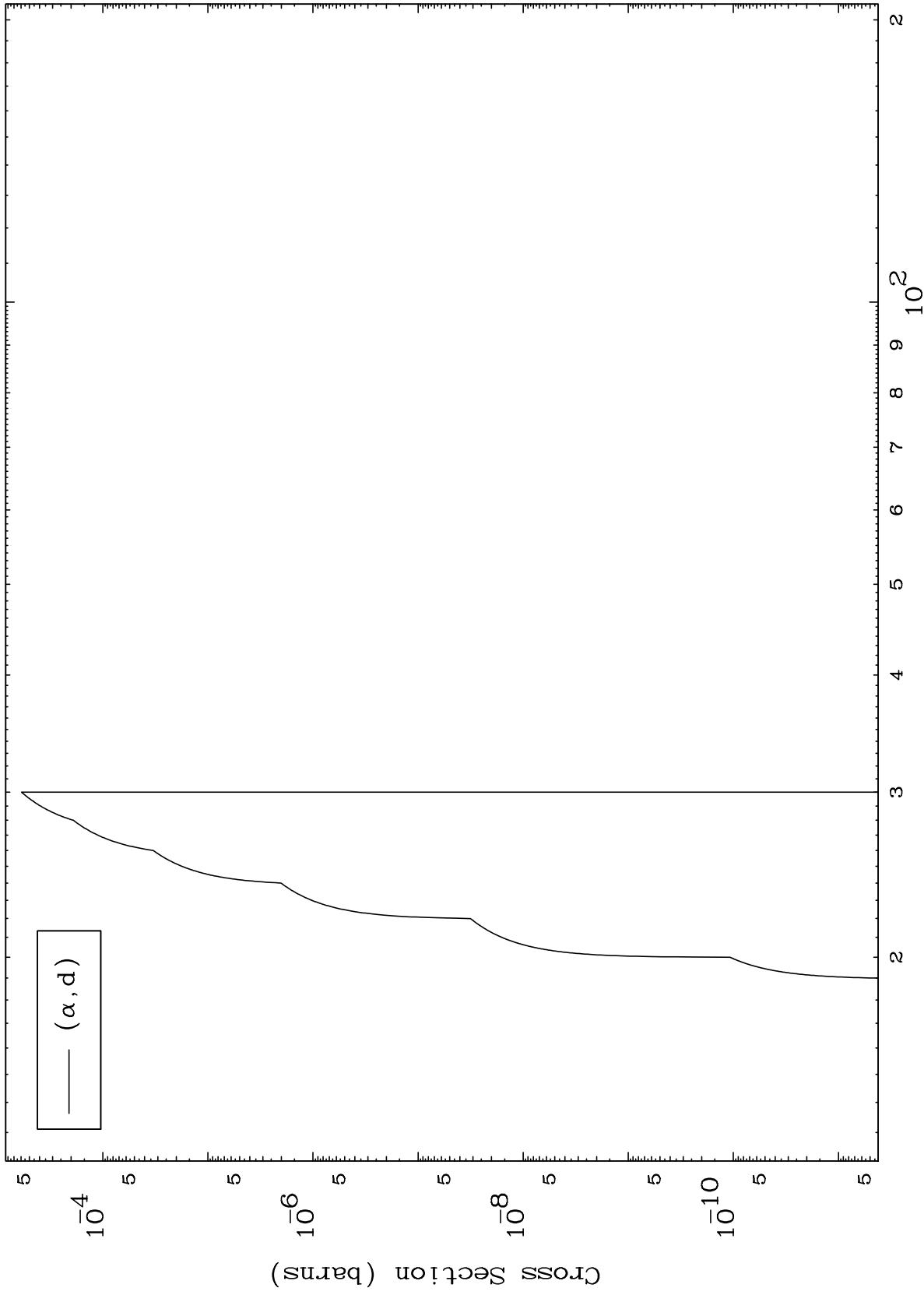
83-Bi-198

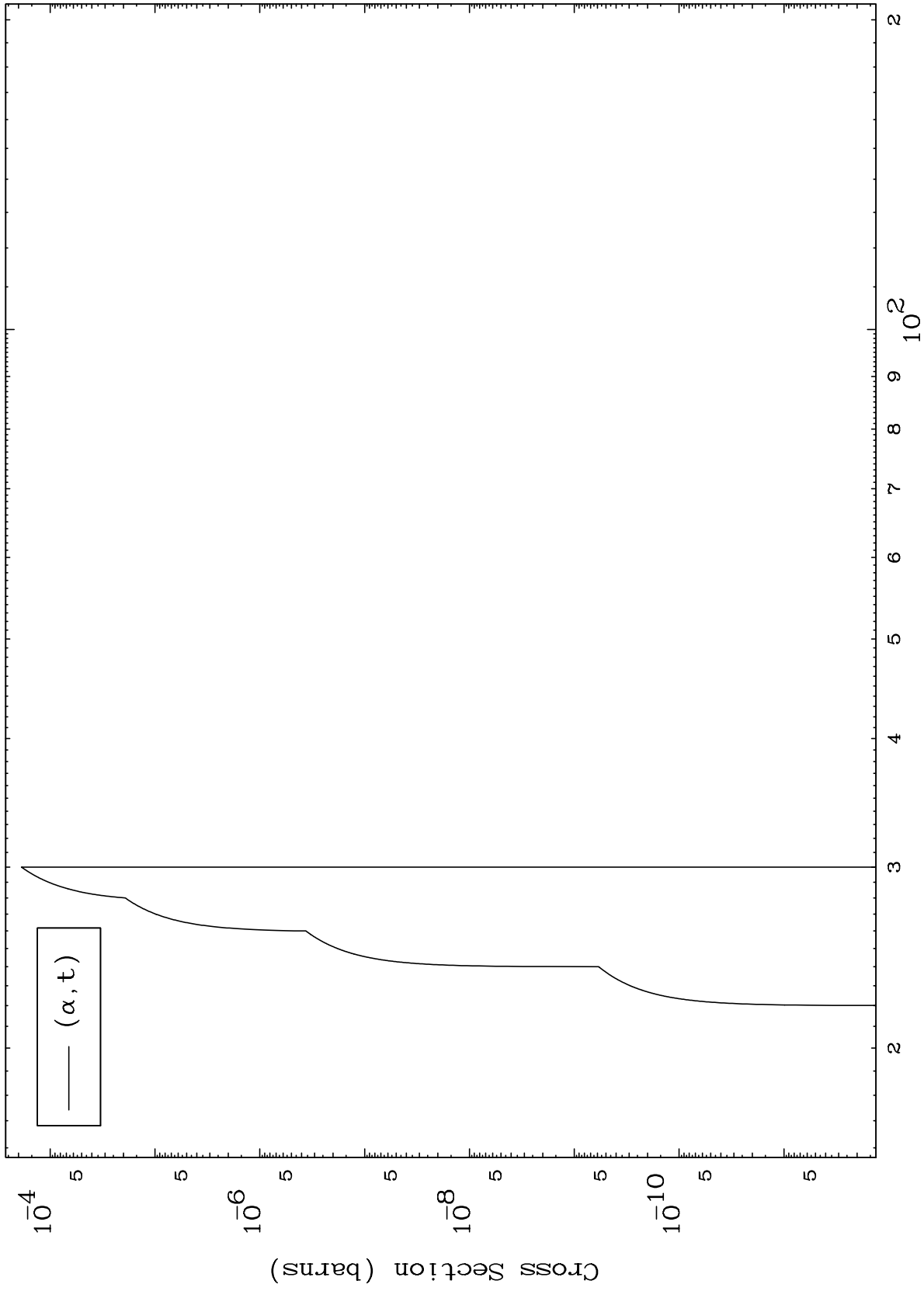
(α, p) Levels
0 Kelvin Cross Sections

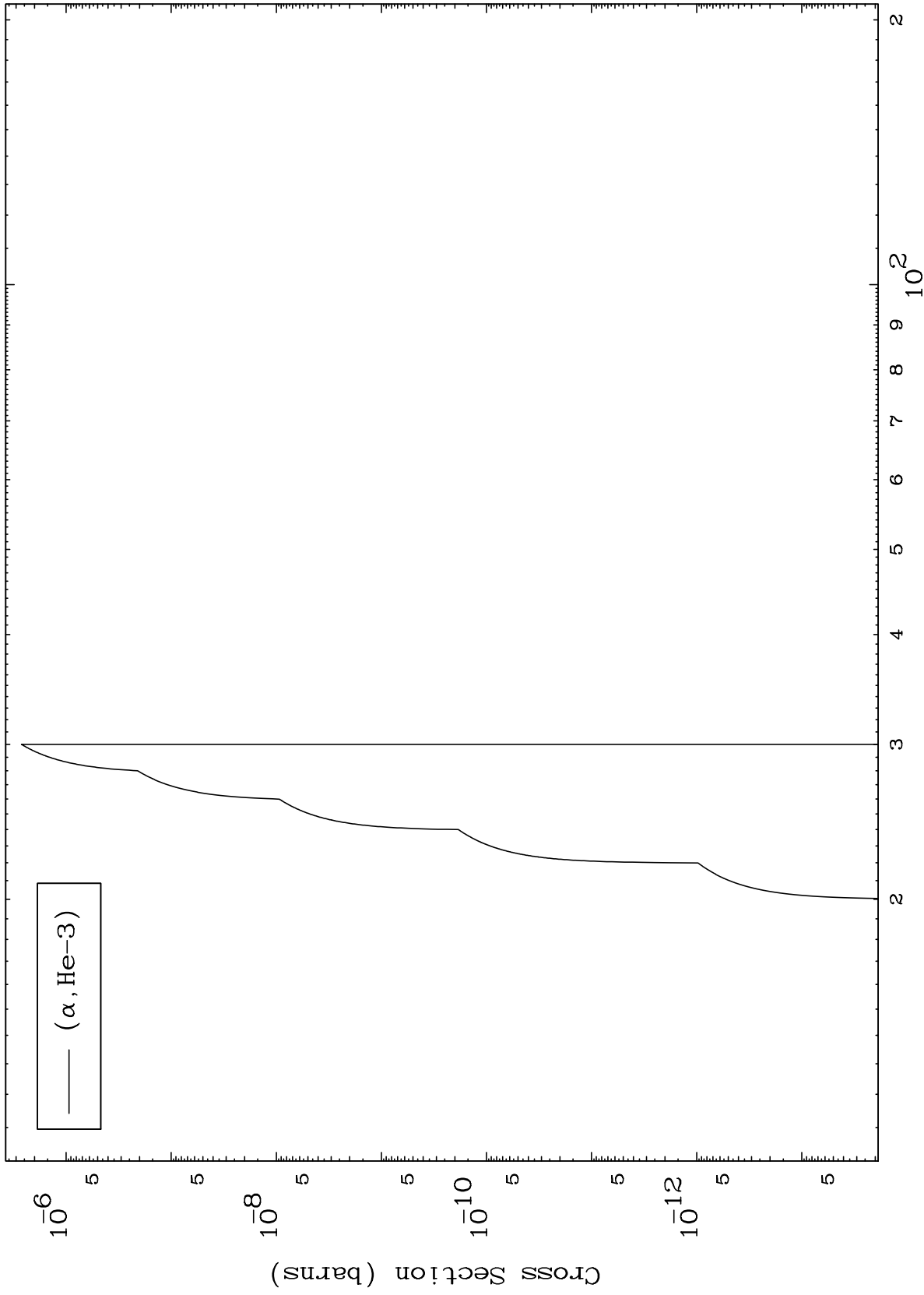


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83-Bi-198



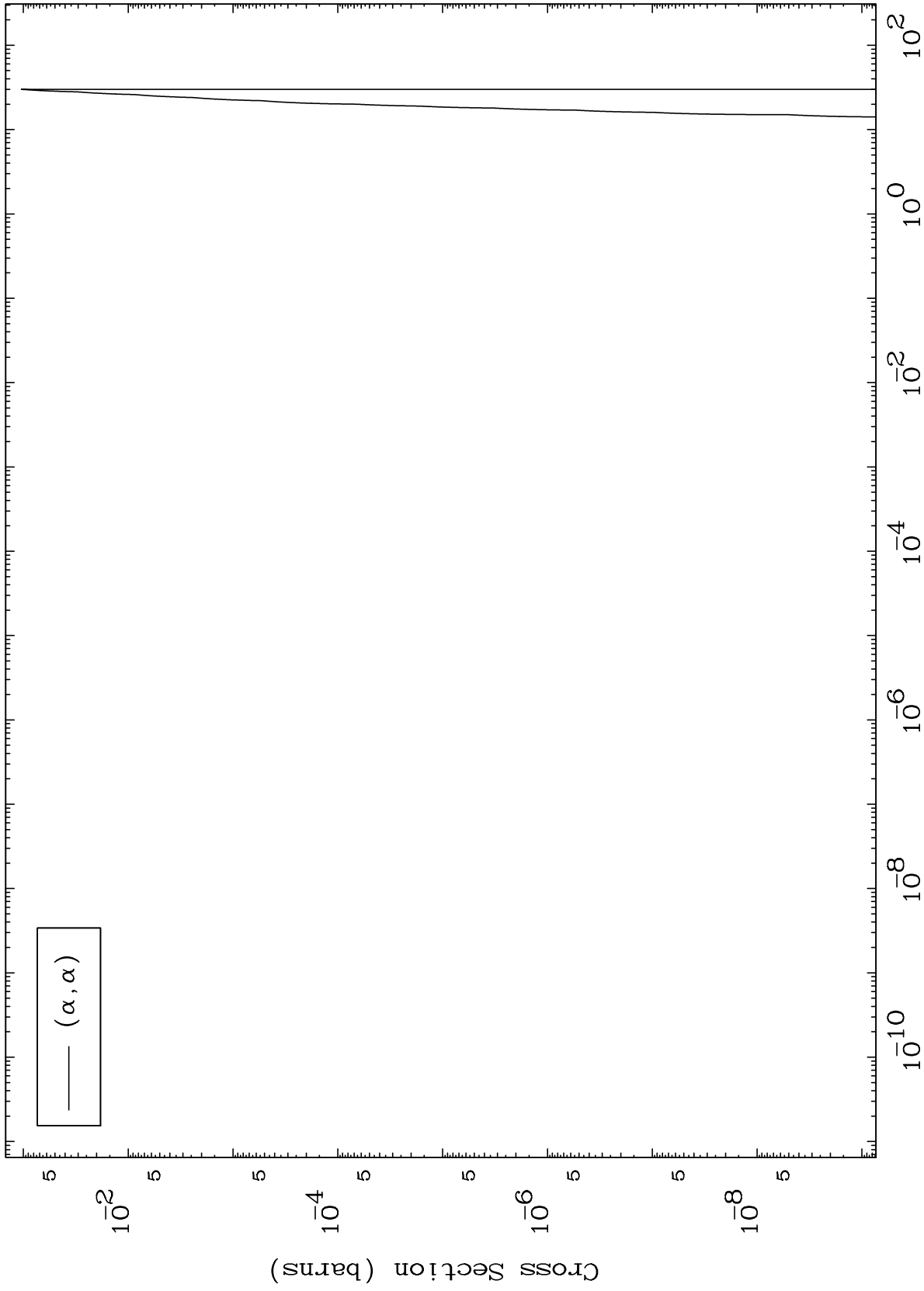




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(α, α) Levels
0 Kelvin Cross Sections

83-Bi-198

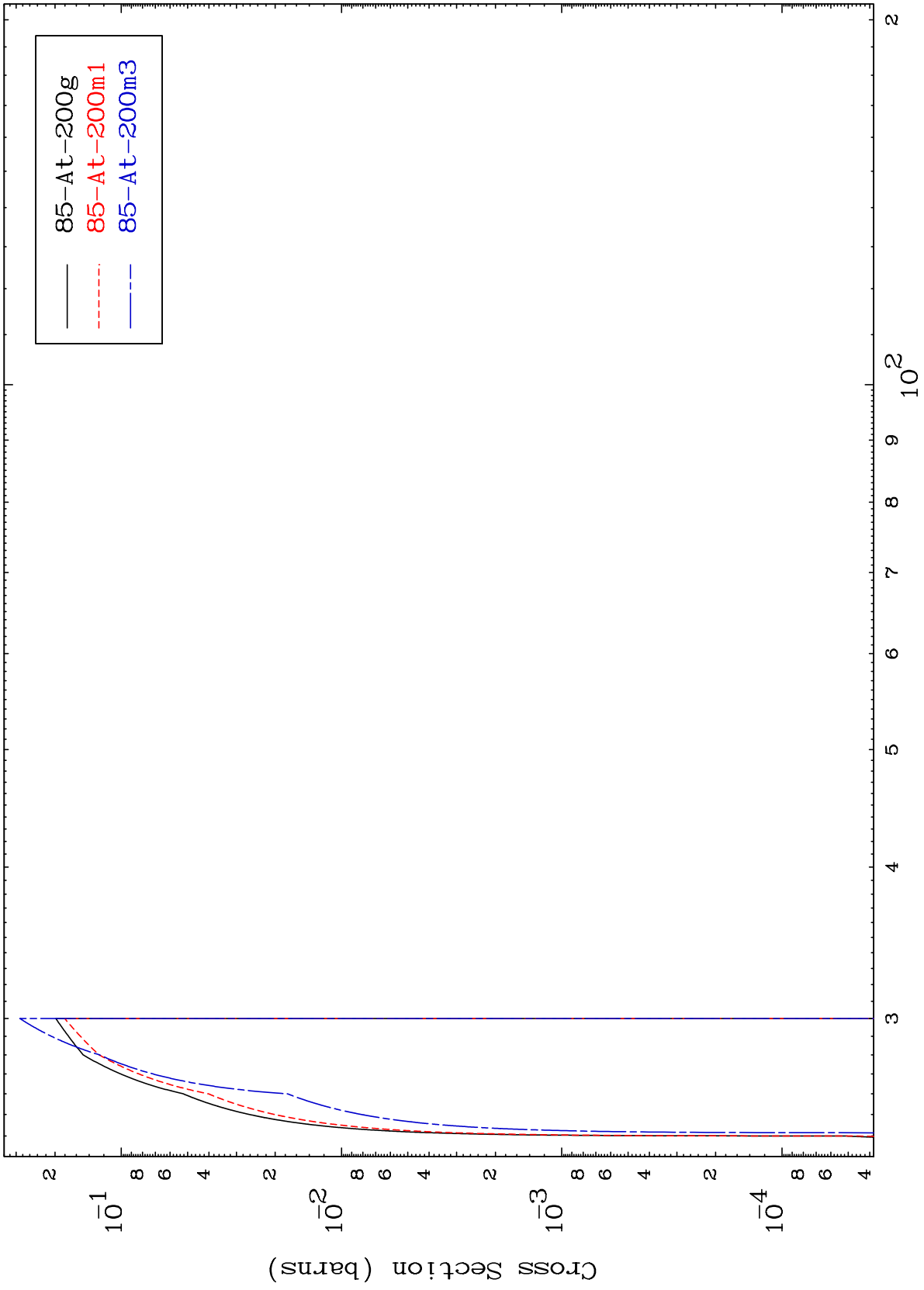


10

Incident Energy (MeV)

83-Bi-198

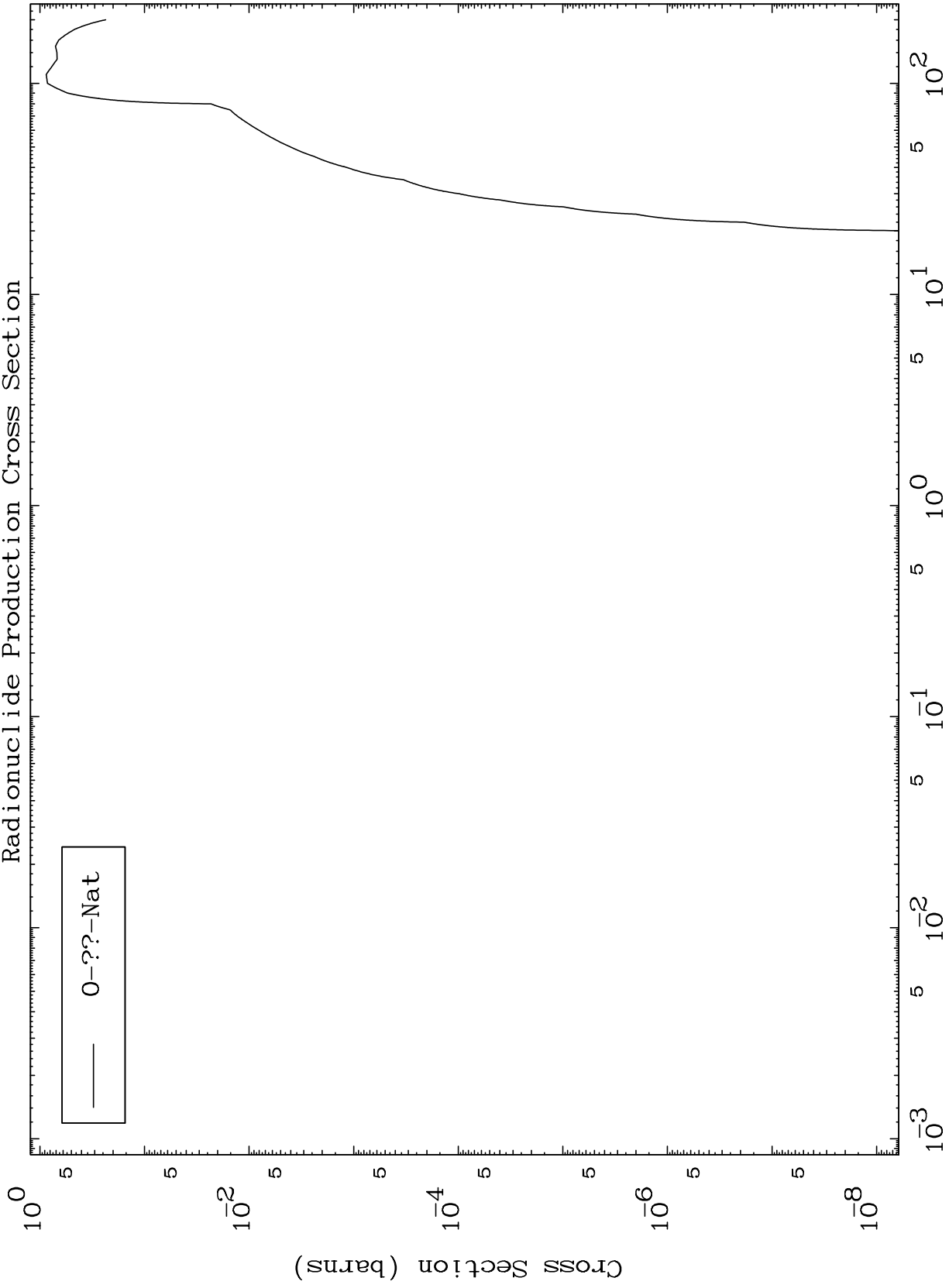
Radionuclide Production Cross Section
($\alpha, 2n$)



MAT 8293

α Fission
Radionuclide Production Cross Section

83-Bi-198



12

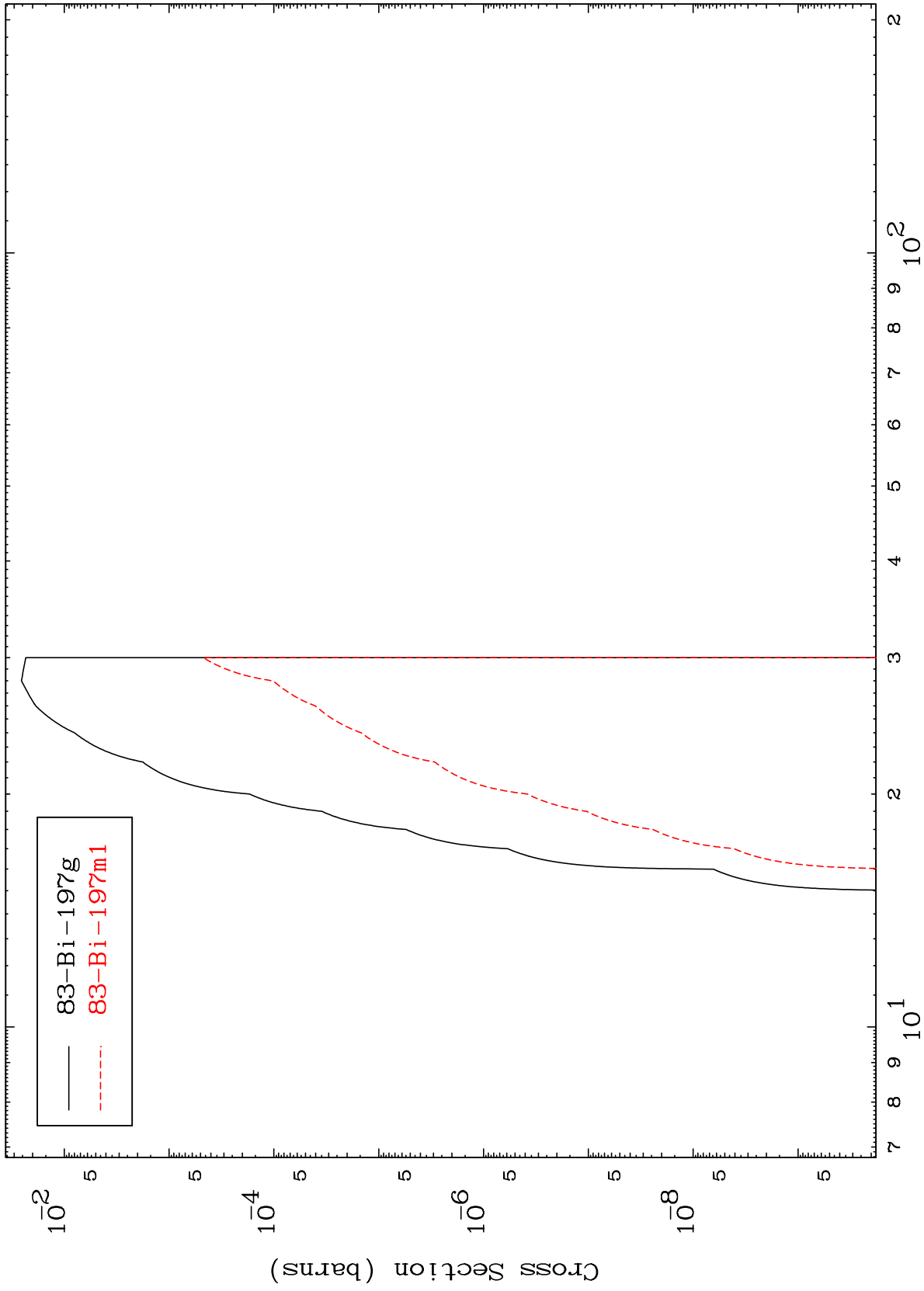
Incident Energy (MeV)

83-Bi-198

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83-Bi-198

(α, n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

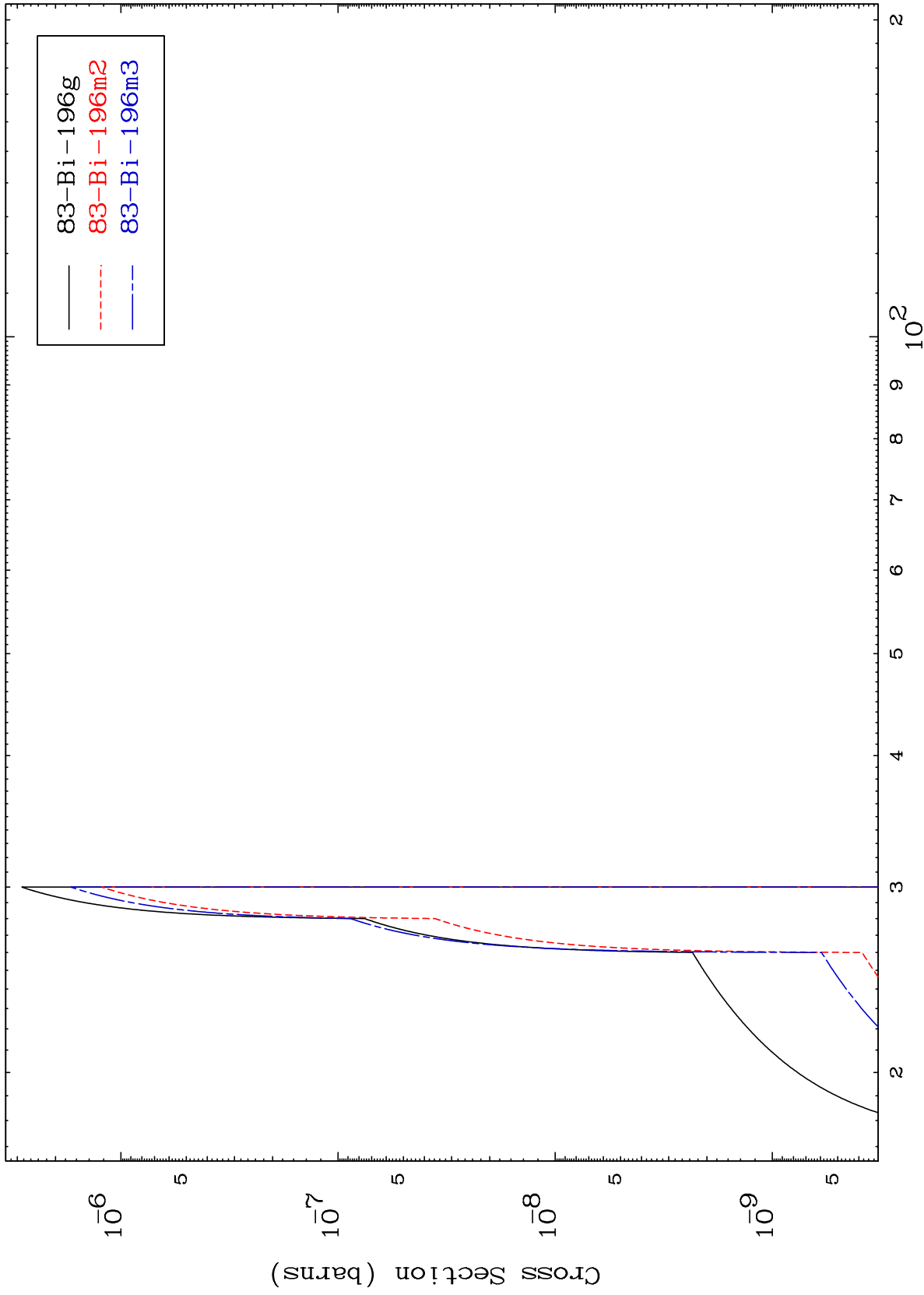
83-Bi-198

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$(\alpha, 2n) \alpha$

83-Bi-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

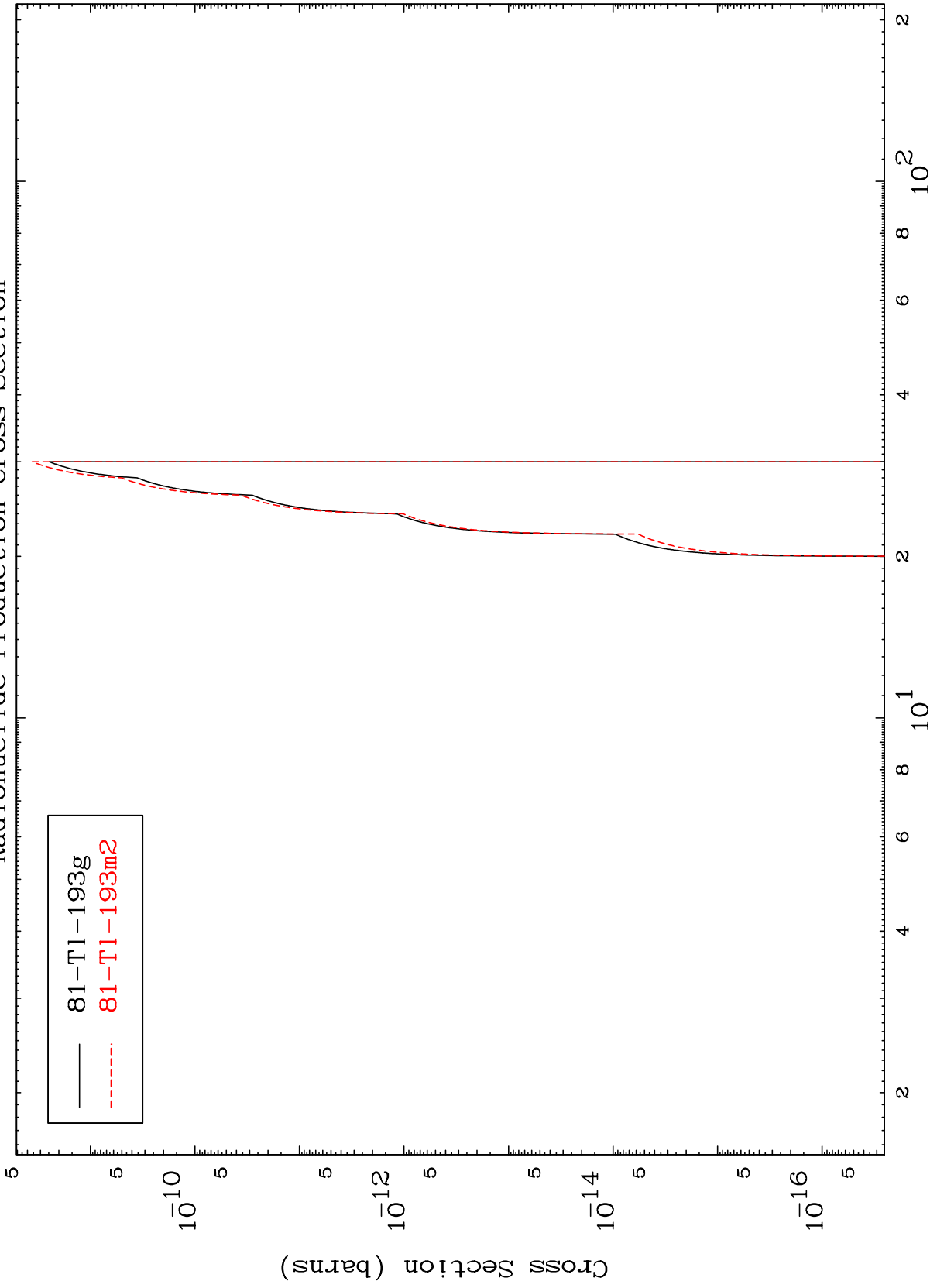
83-Bi-198

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(α, n') 2α

83-Bi-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

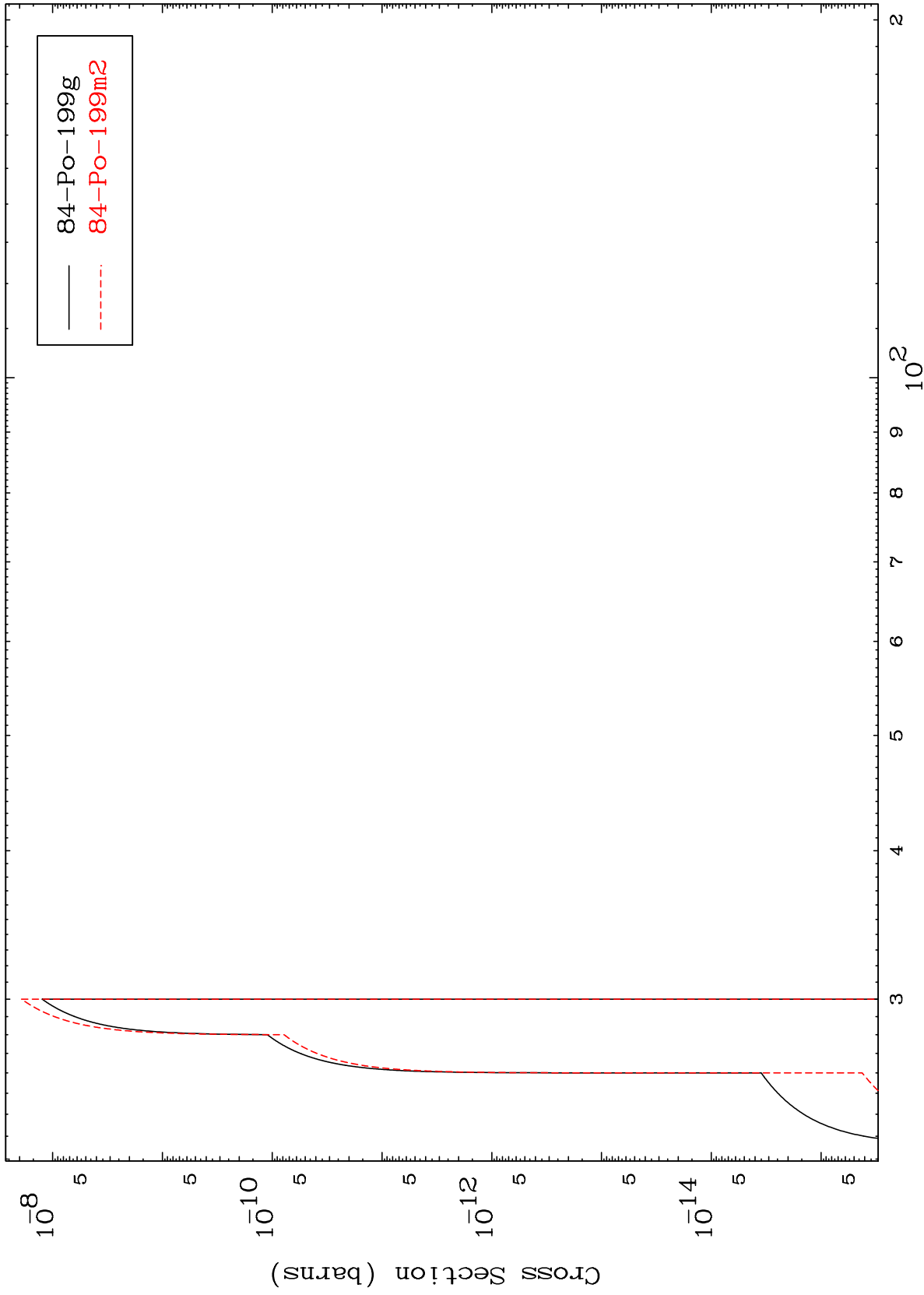
83-Bi-198

MAT 8293

(α, n') d

83-Bi-198

Radionuclide Production Cross Section



16

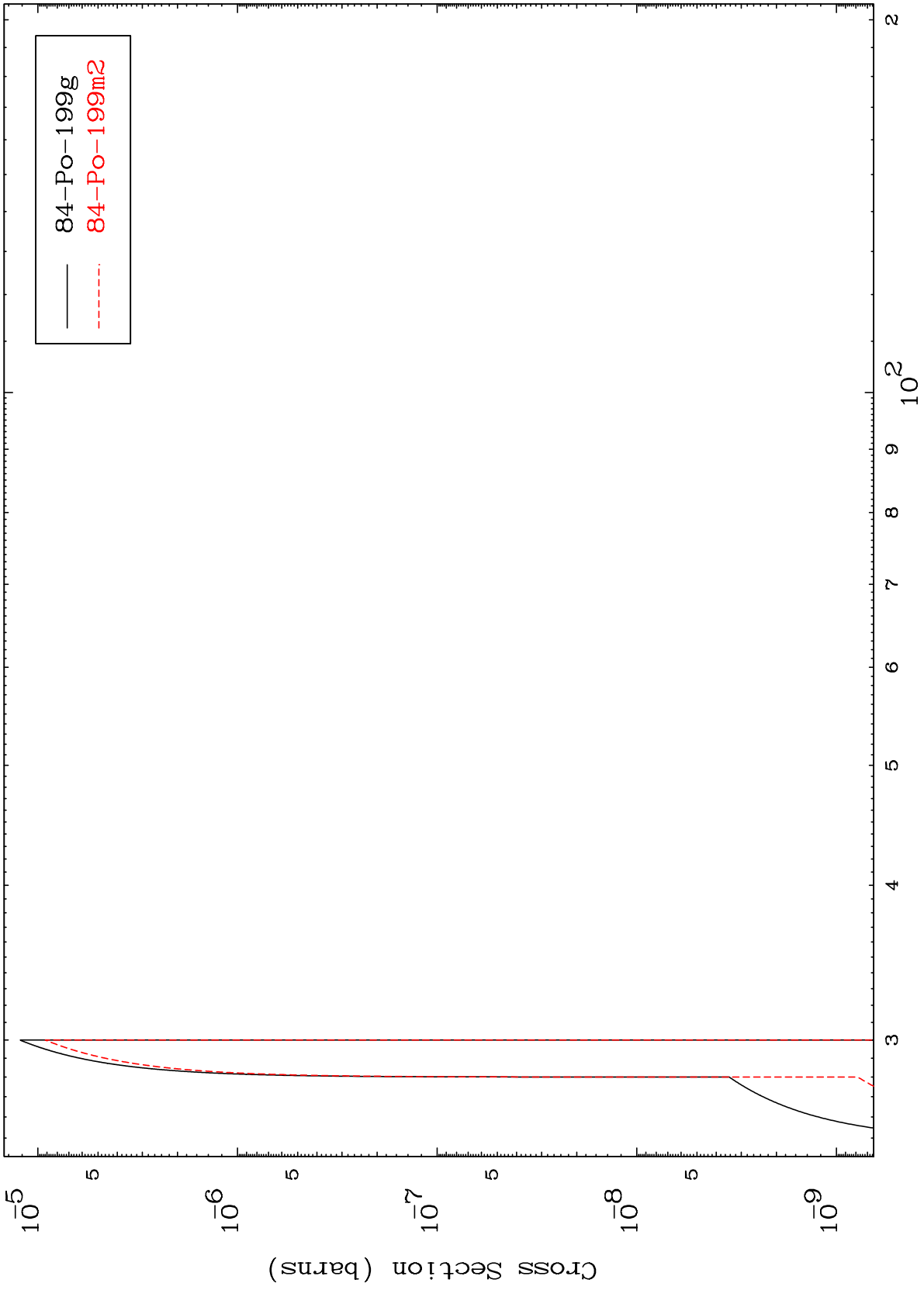
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

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



83-Bi-198

Incident Energy (MeV)

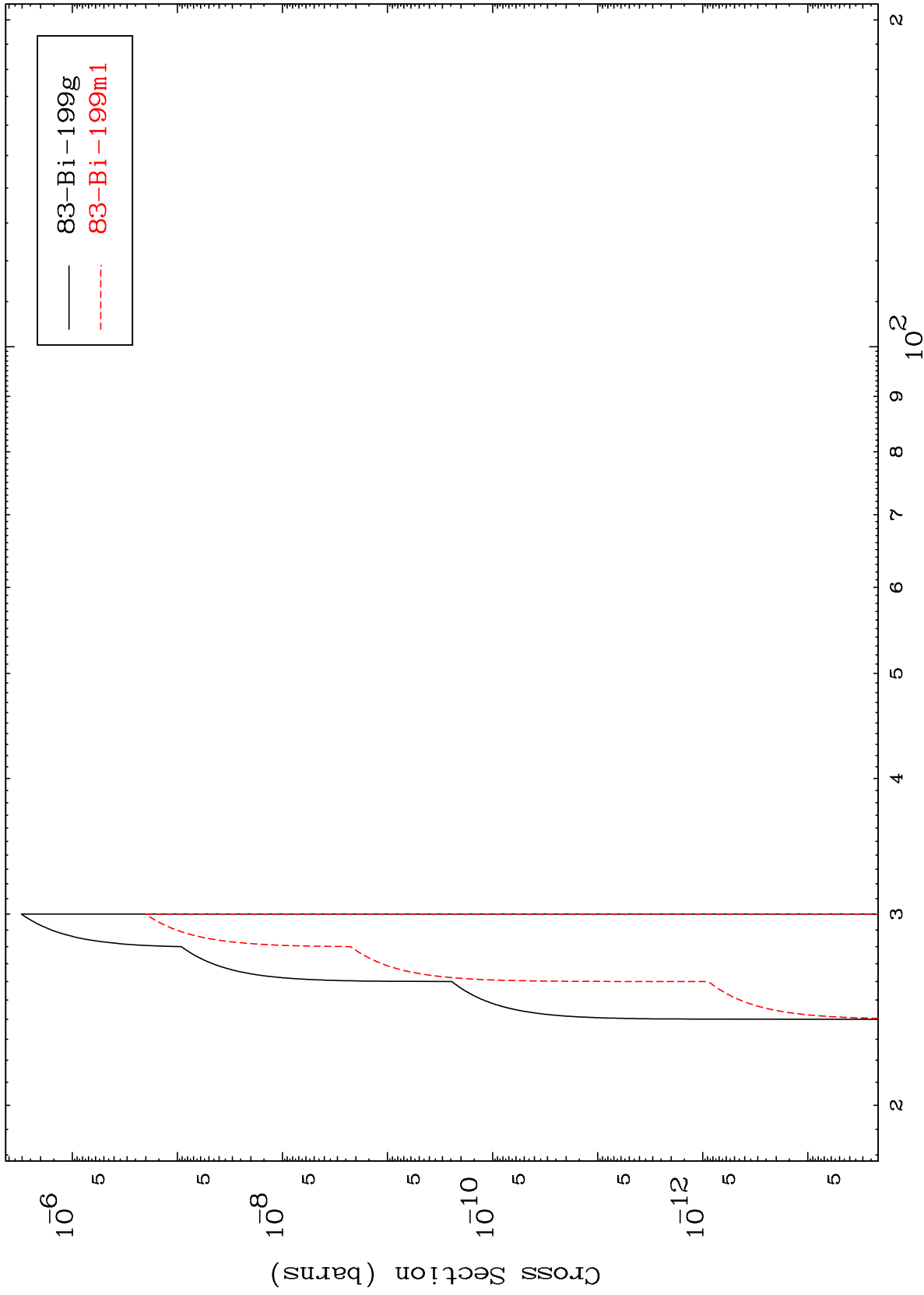
17

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$(\alpha, 2n)$ p

83-Bi-198

Radionuclide Production Cross Section



18

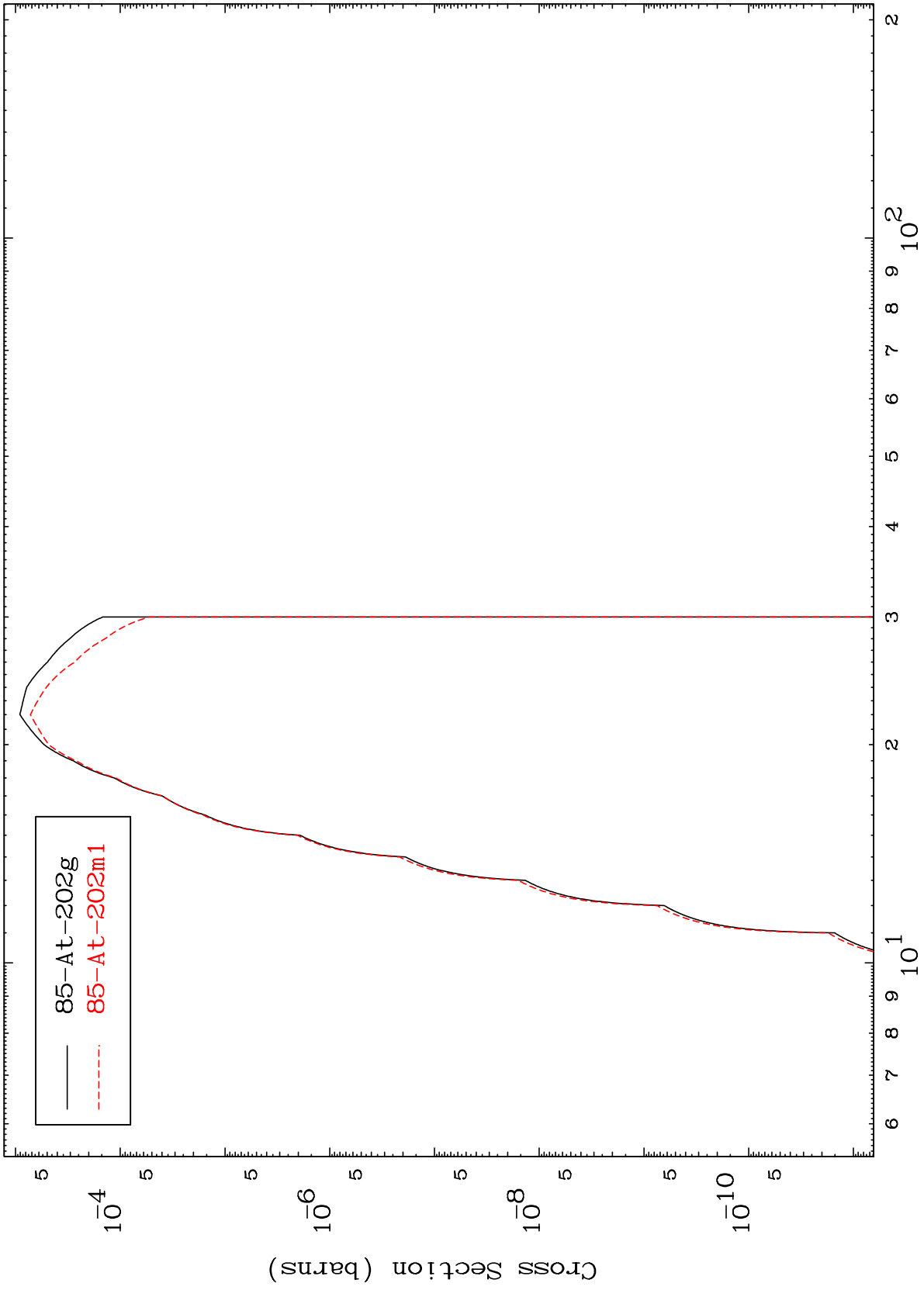
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

(α, γ)
Radionuclide Production Cross Section



19

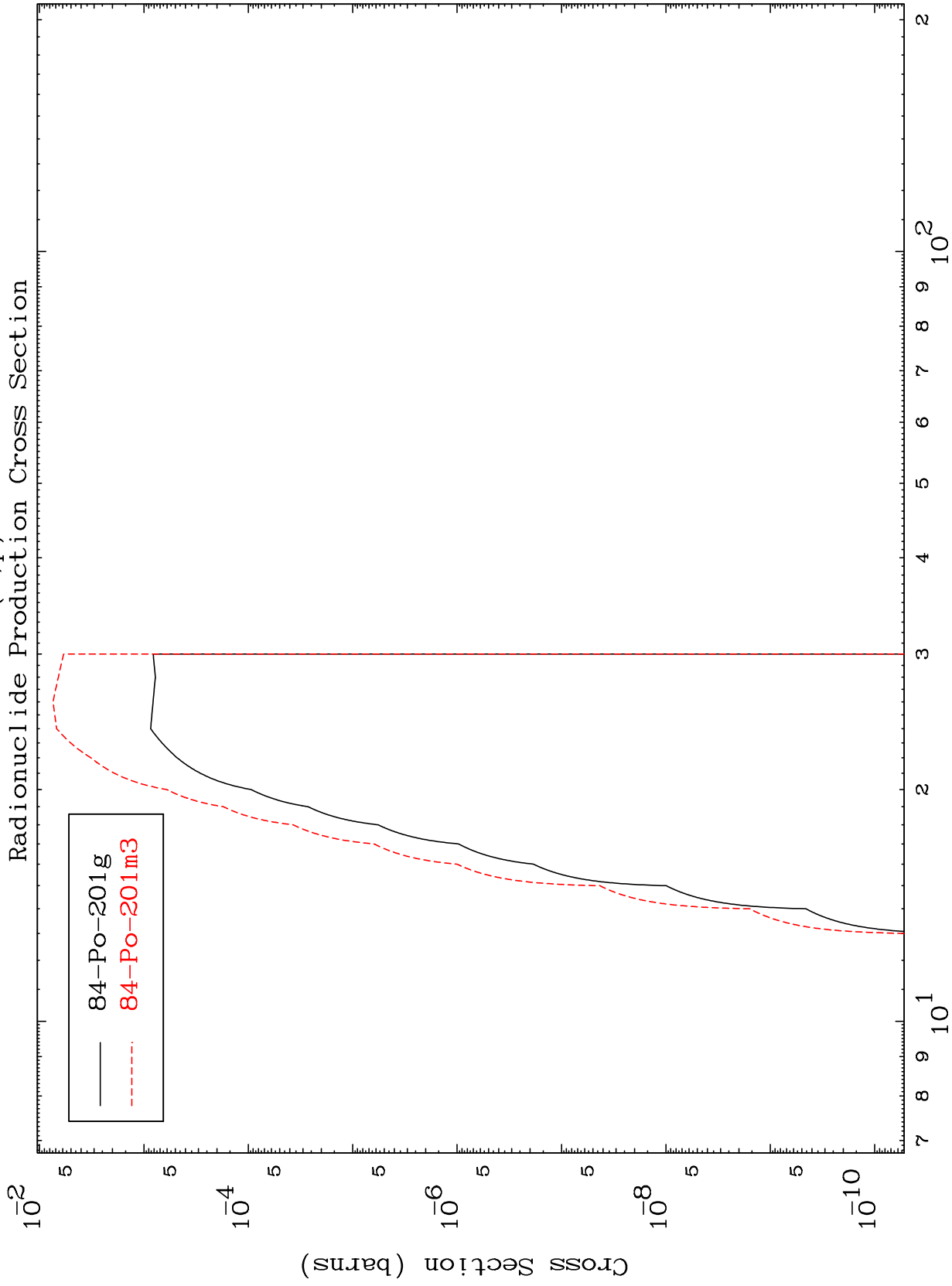
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

(α, p)
Radionuclide Production Cross Section



20

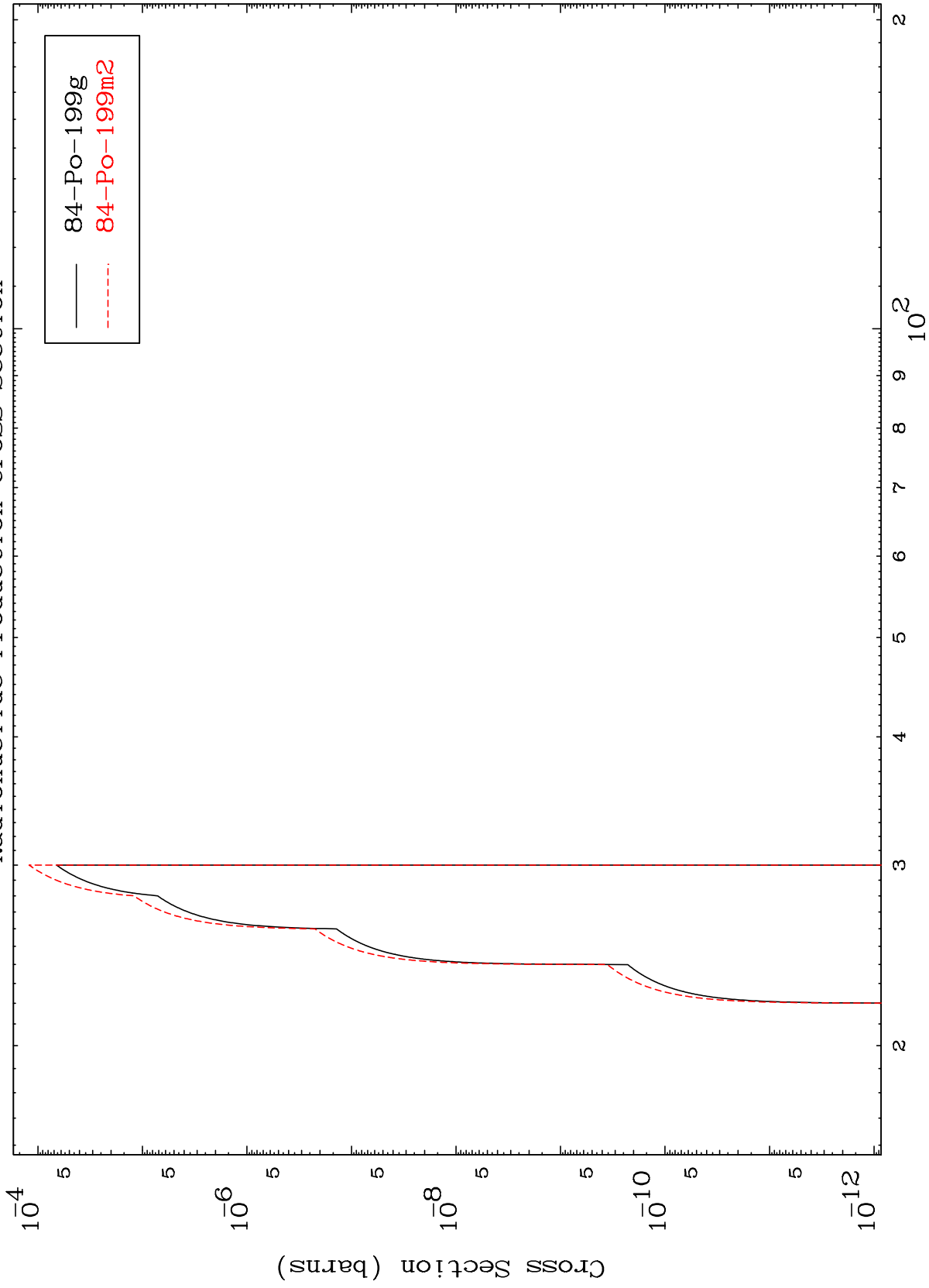
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

(α, t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

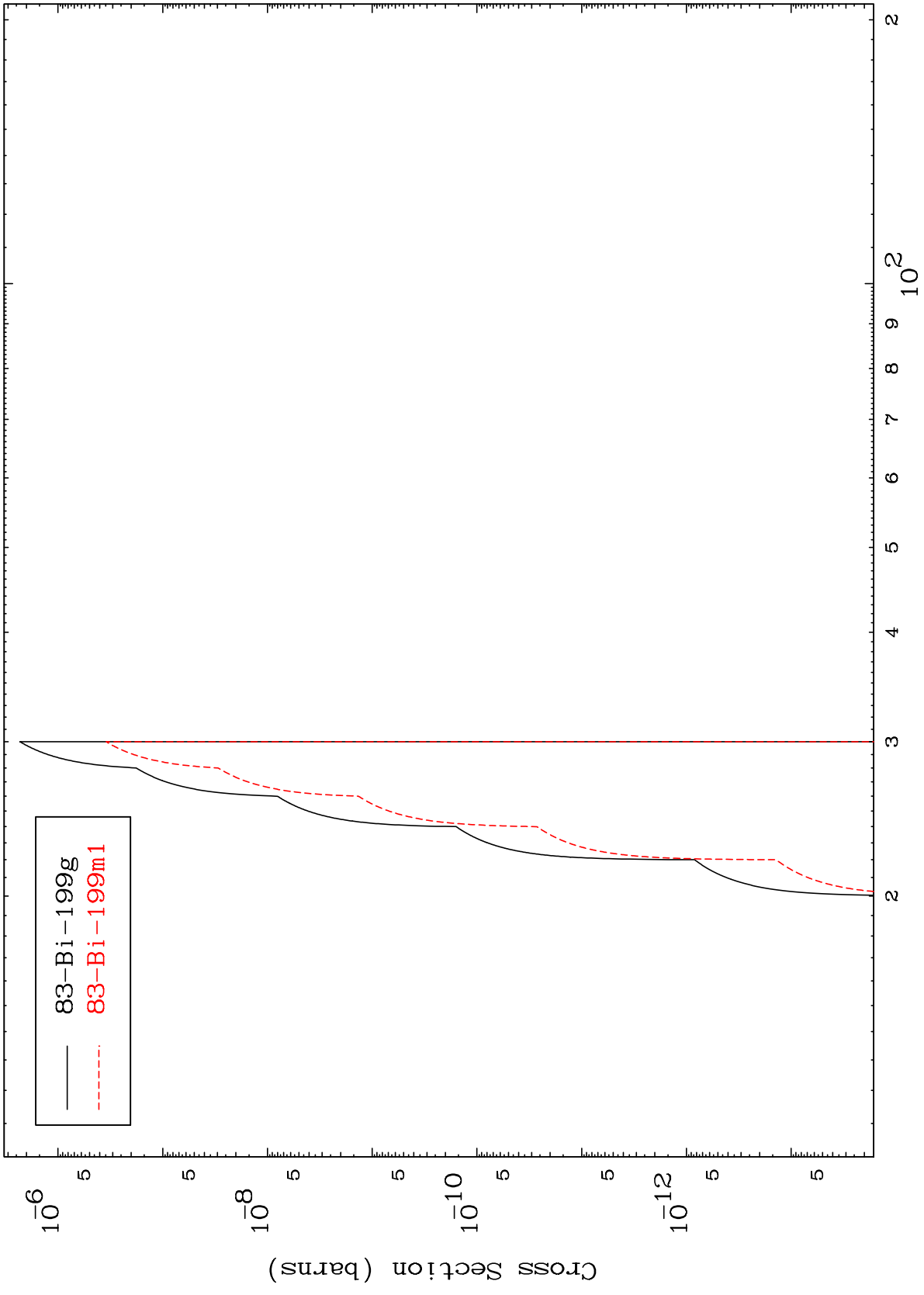
83-Bi-198

MAT 8293

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

83-Bi-198

Radionuclide Production Cross Section



22

Incident Energy (MeV)

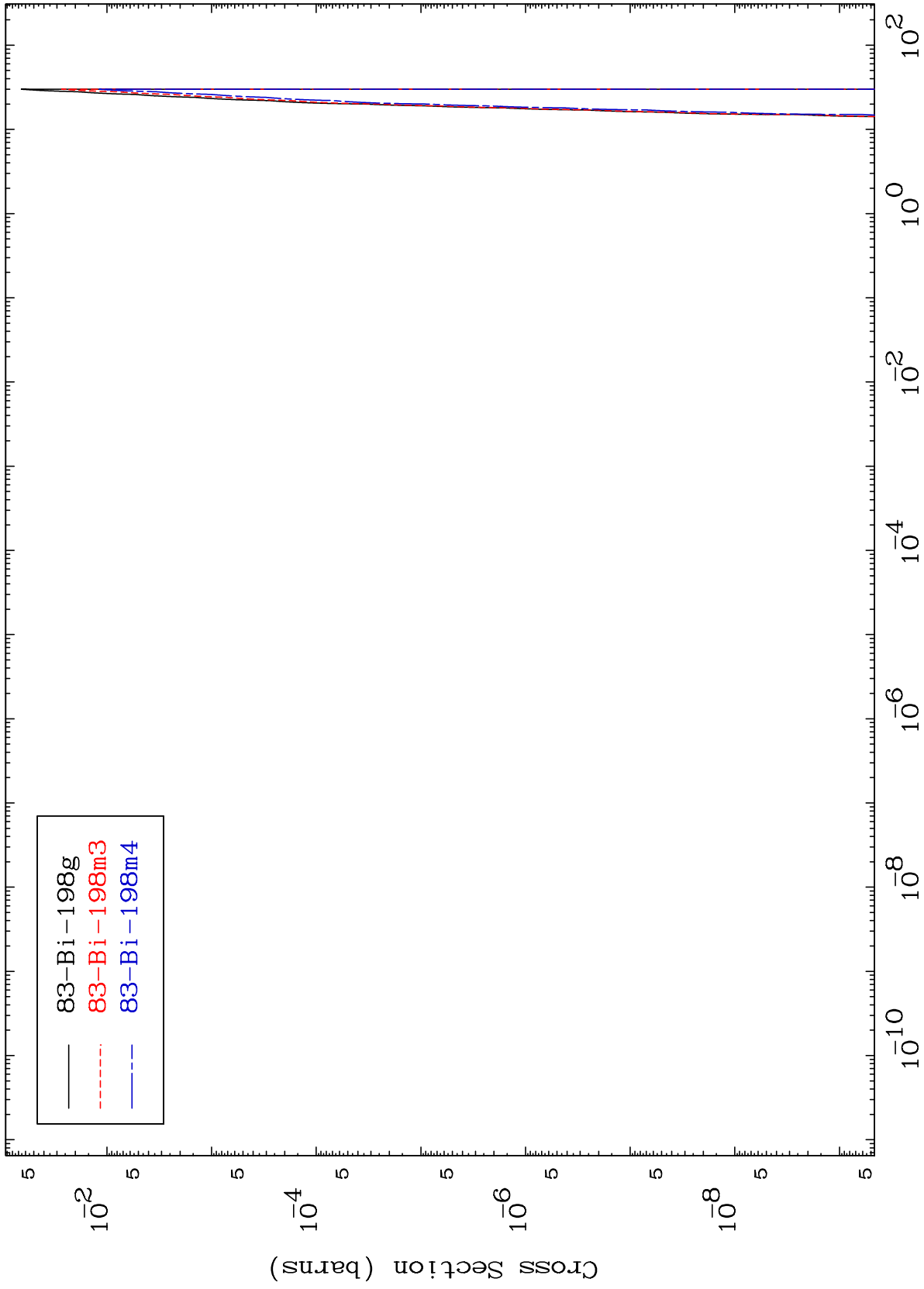
83-Bi-198

MAT 8293

(α, α)

83-Bi-198

Radionuclide Production Cross Section



23

Incident Energy (MeV)

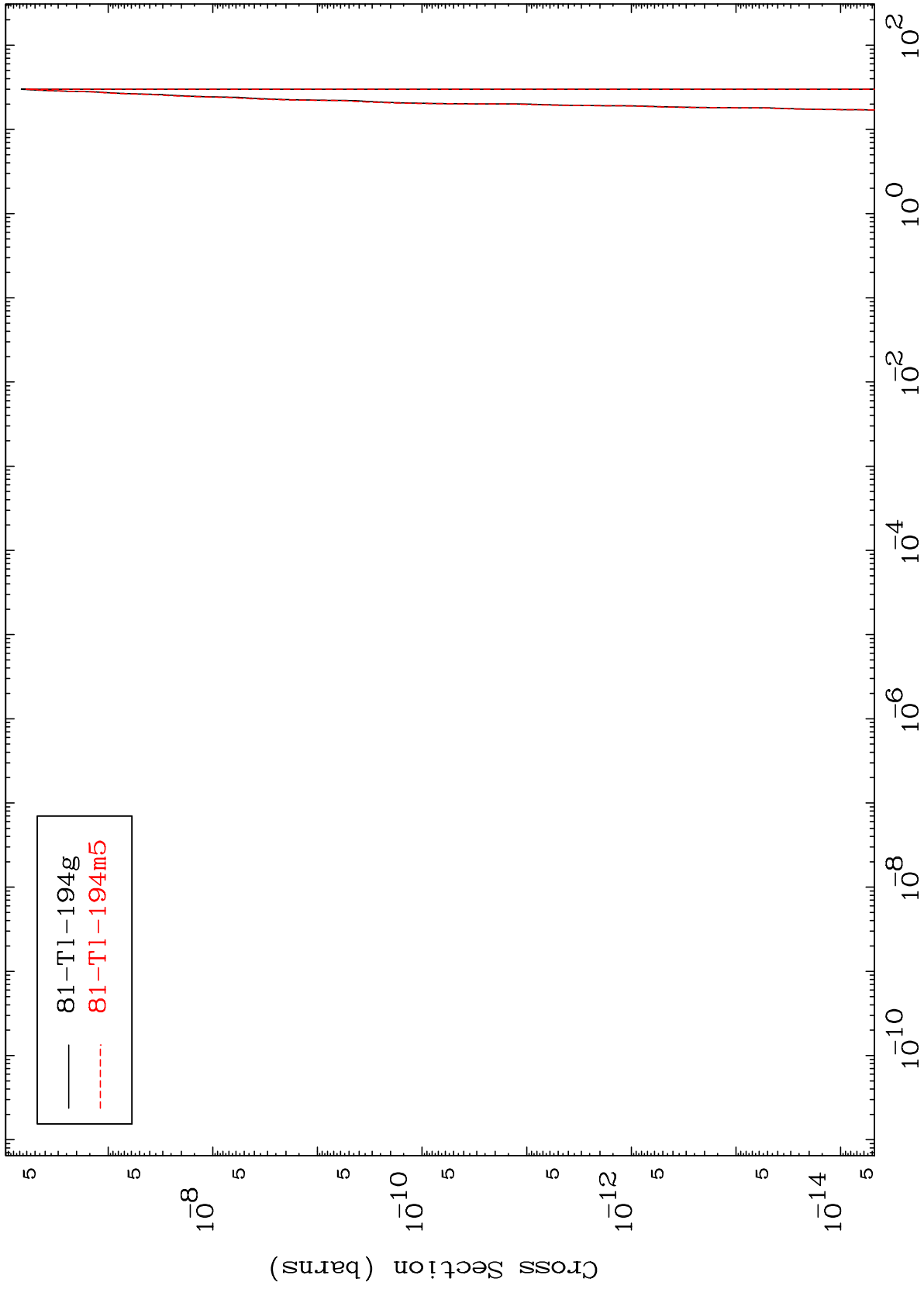
83-Bi-198

MAT 8293

($\alpha, 2\alpha$)

83-Bi-198

Radionuclide Production Cross Section



24

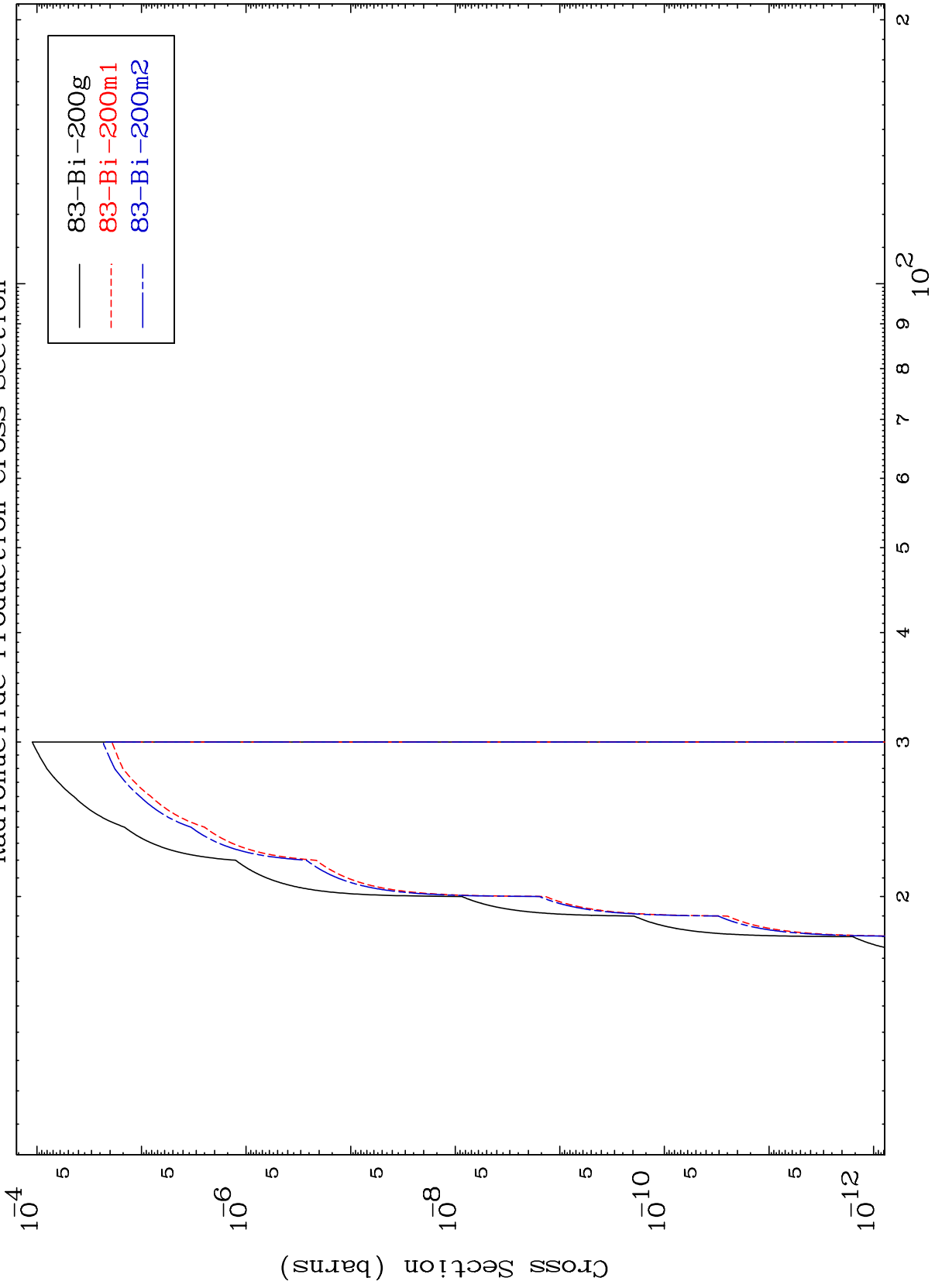
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

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



25

Incident Energy (MeV)

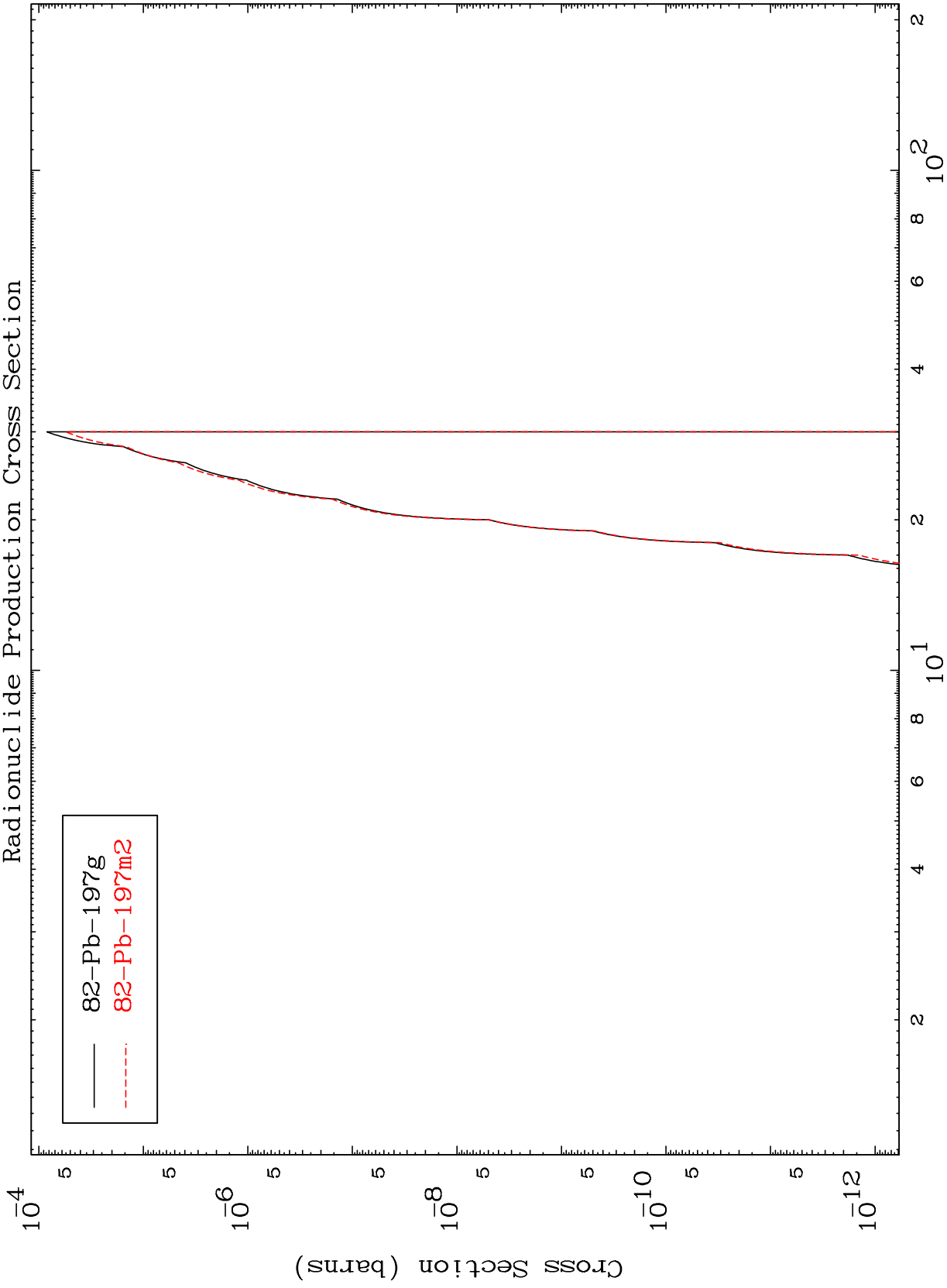
83-Bi-198

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(α, p) α

83-Bi-198

Radionuclide Production Cross Section



26

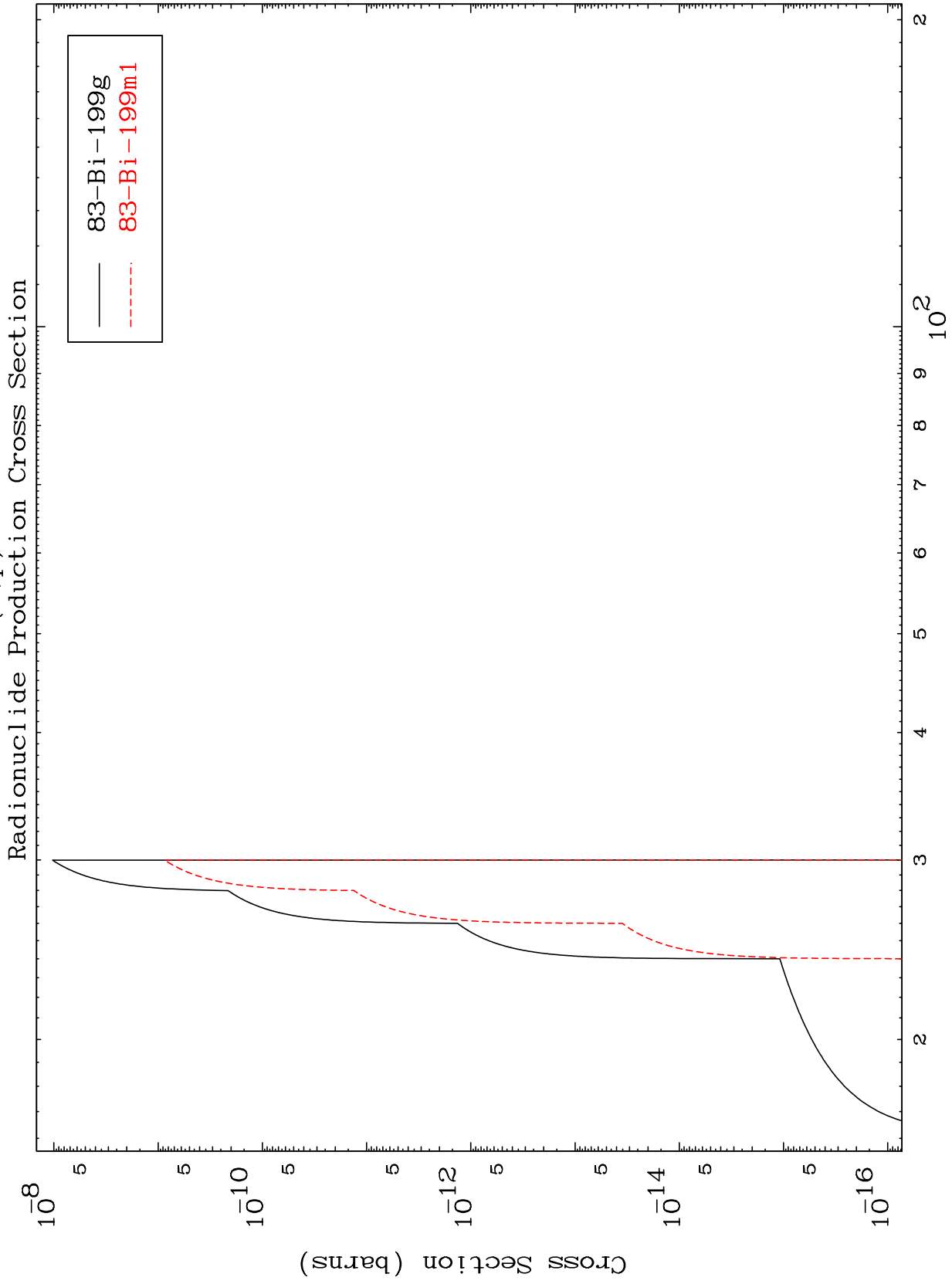
Incident Energy (MeV)

83-Bi-198

MAT 8293

(α, p) d

83-Bi-198



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Incident Energy (MeV)

83-Bi-198