

Program EVALPLOT
(Version 2018-1)

by

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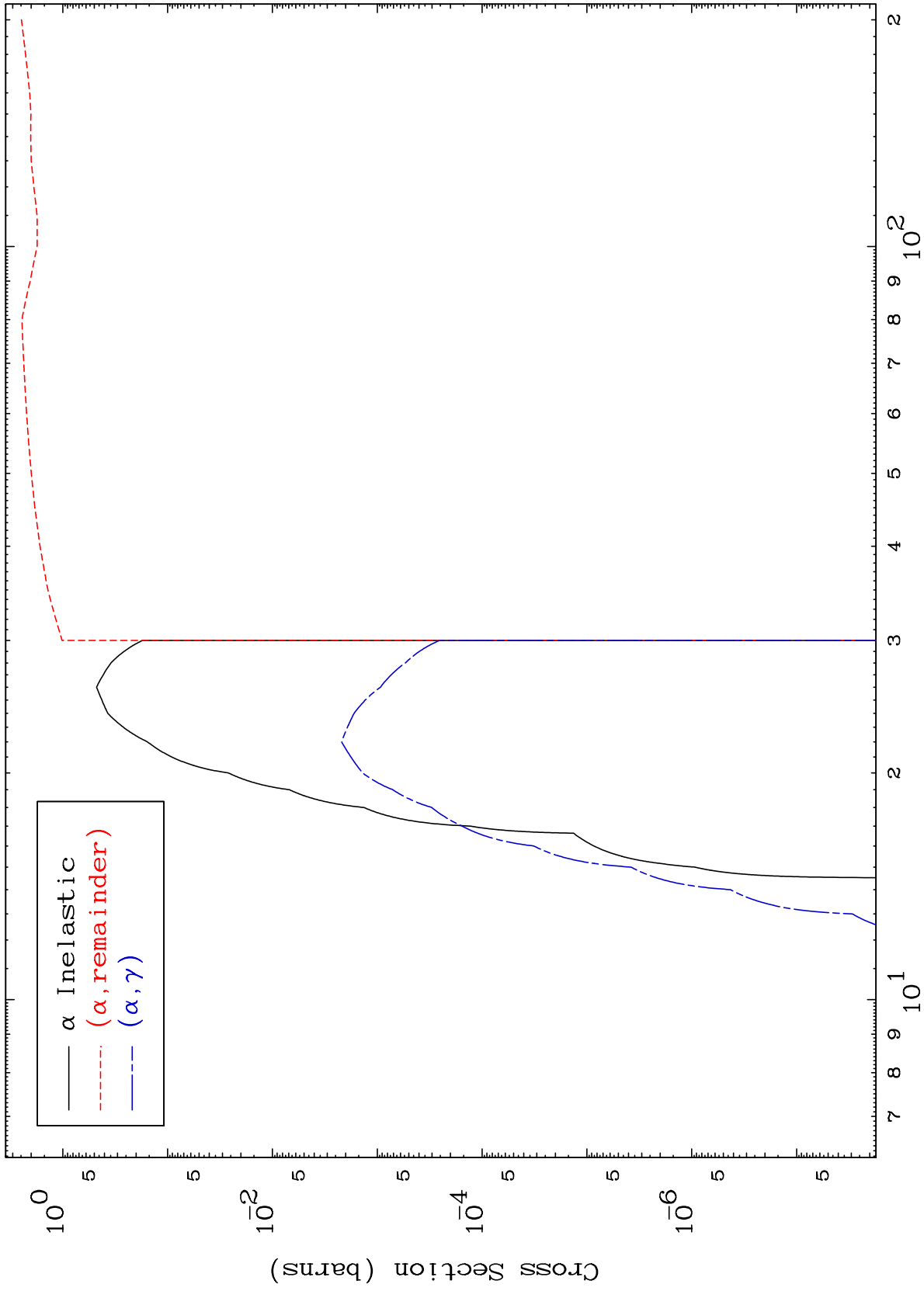
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8292

0 Kelvin α Major
Cross Sections

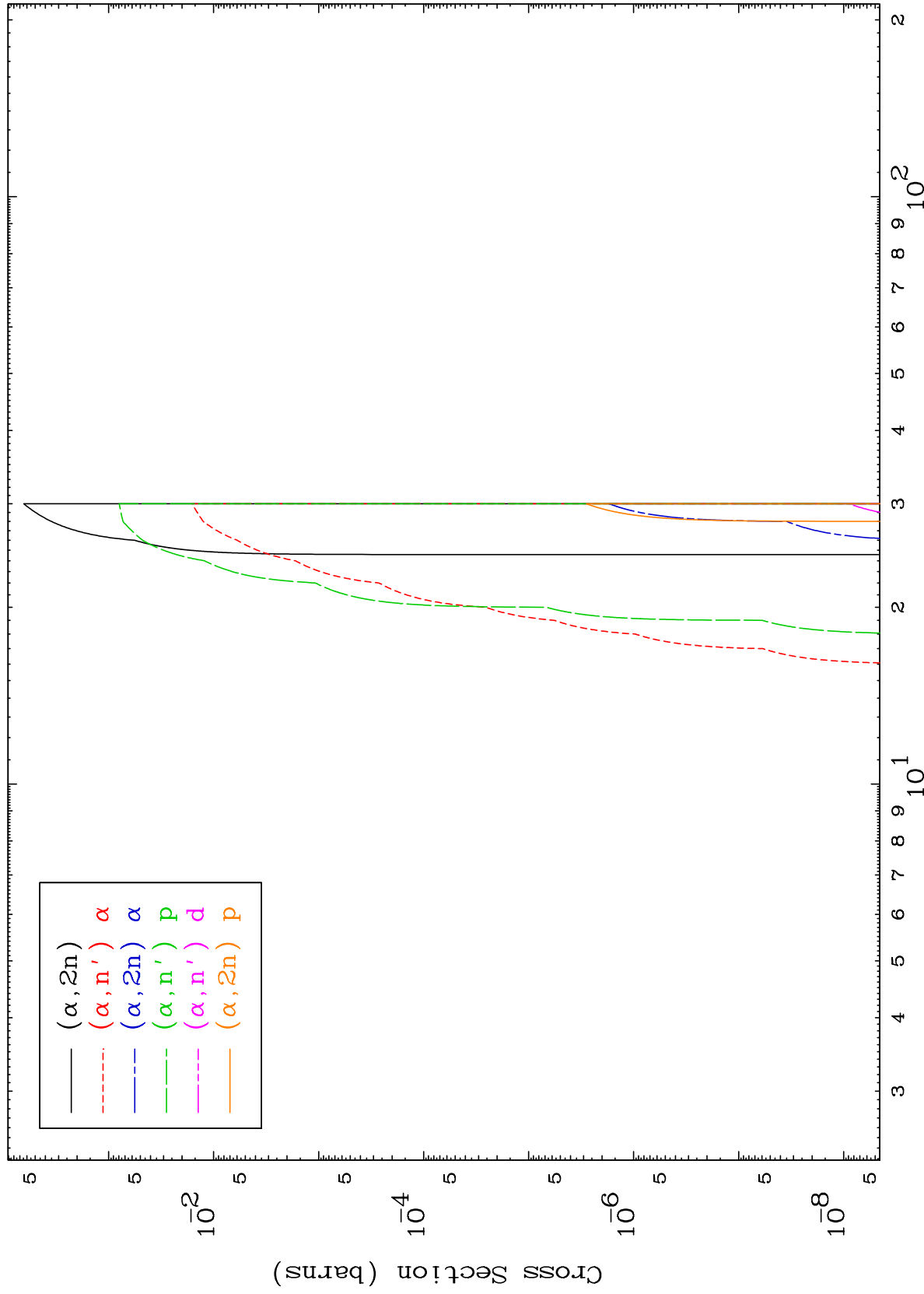
83-Bi-198

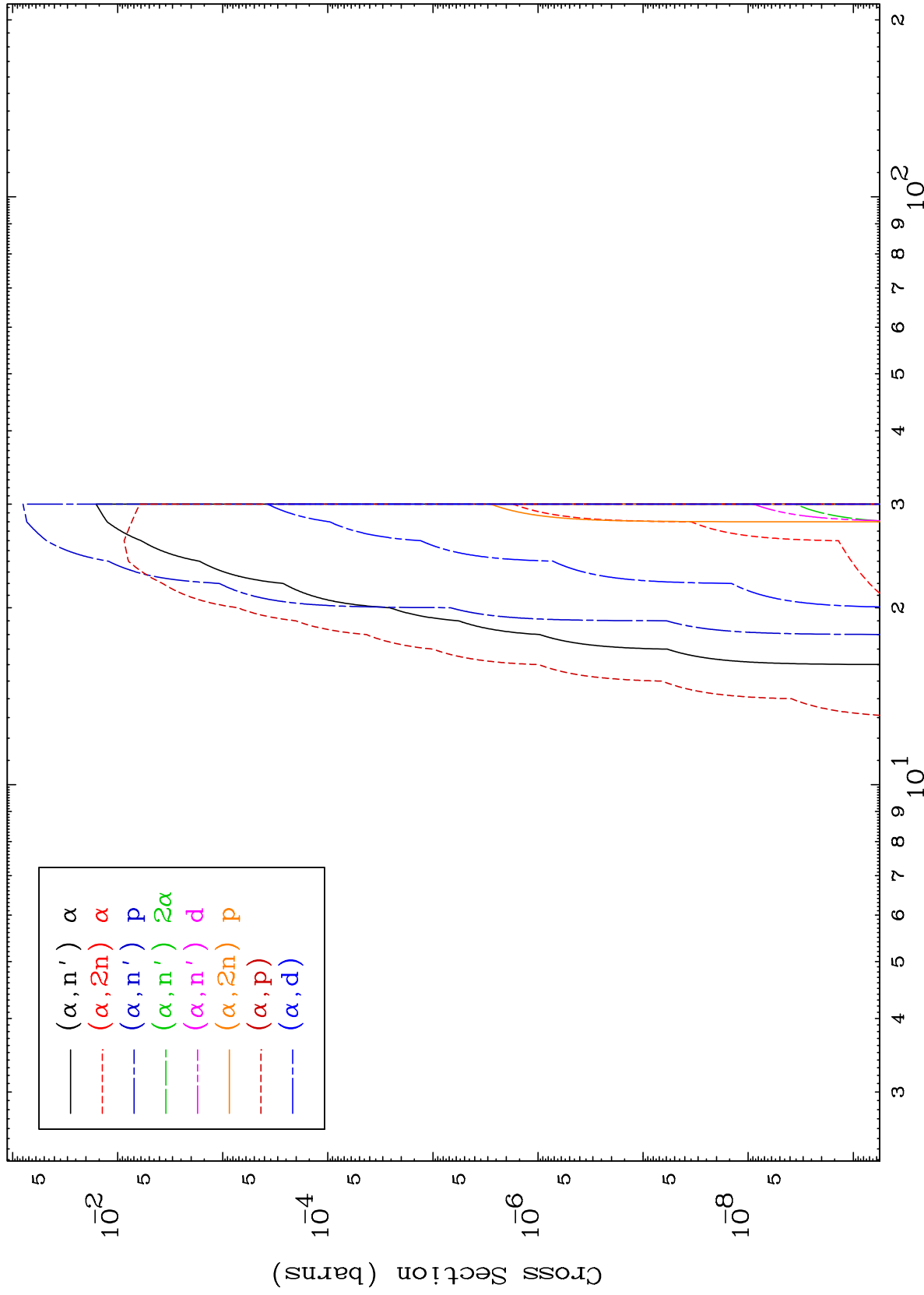


1

Incident Energy (MeV)

83-Bi-198

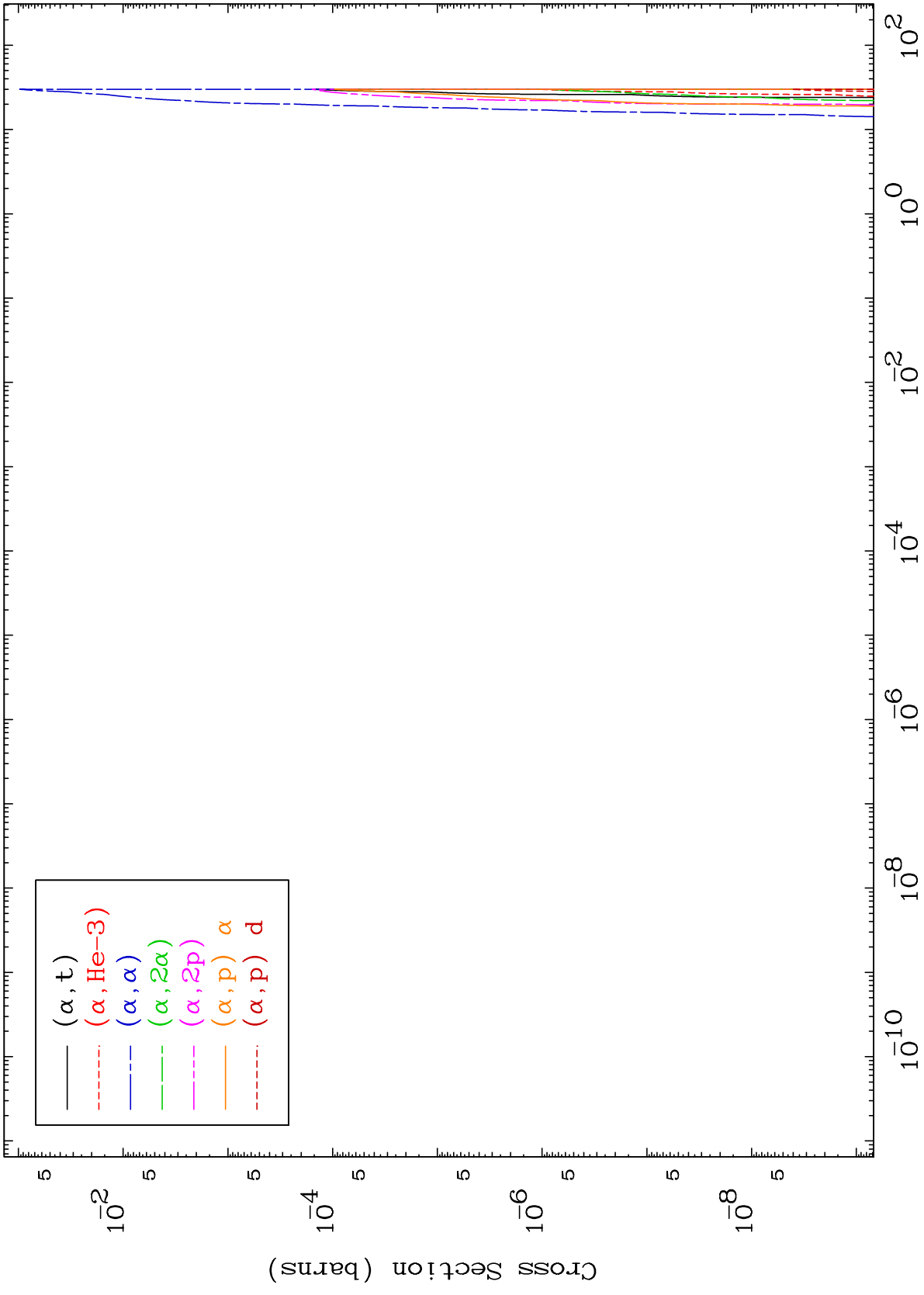




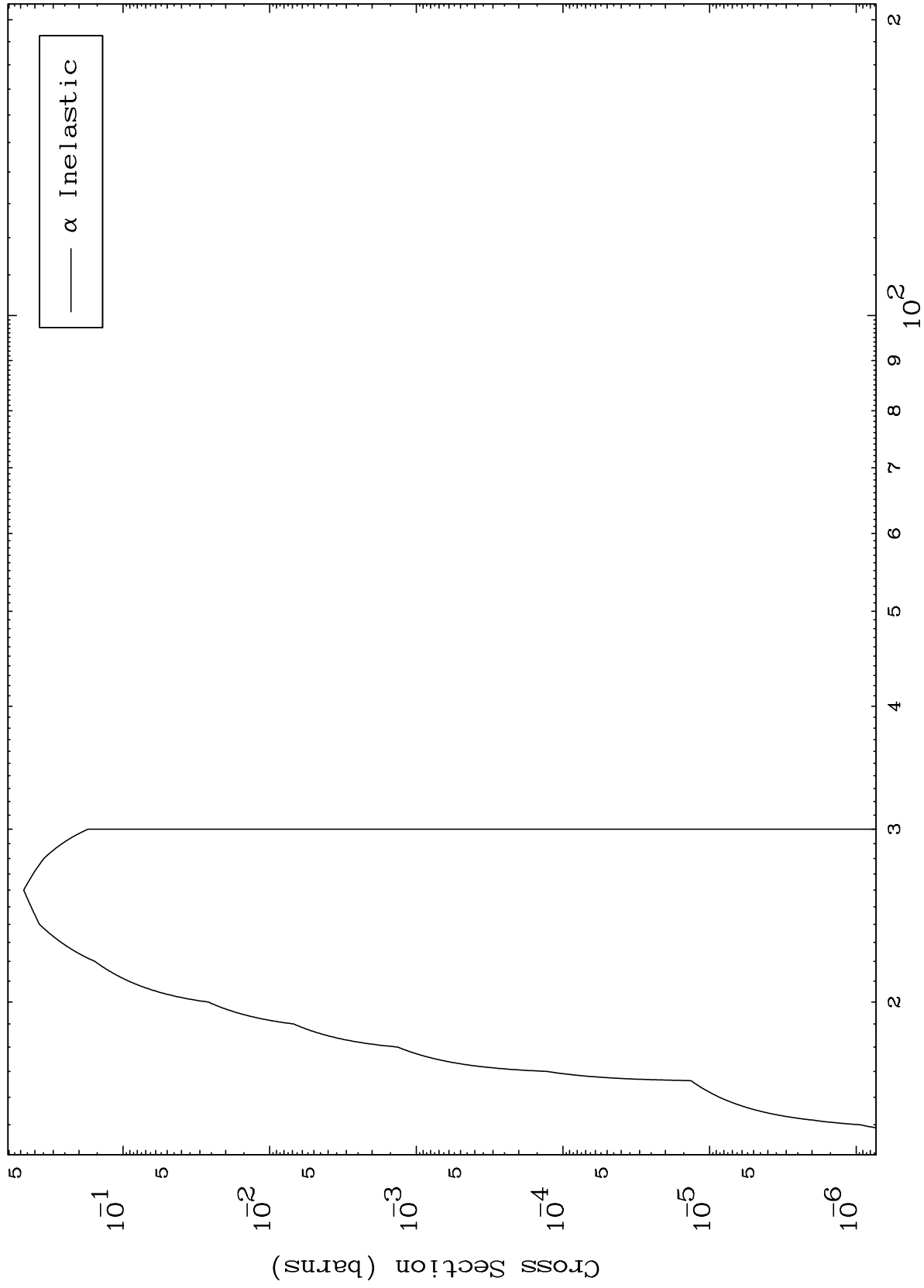
MAT 8292

α Charged Particle
0 Kelvin Cross Sections

83-Bi-198



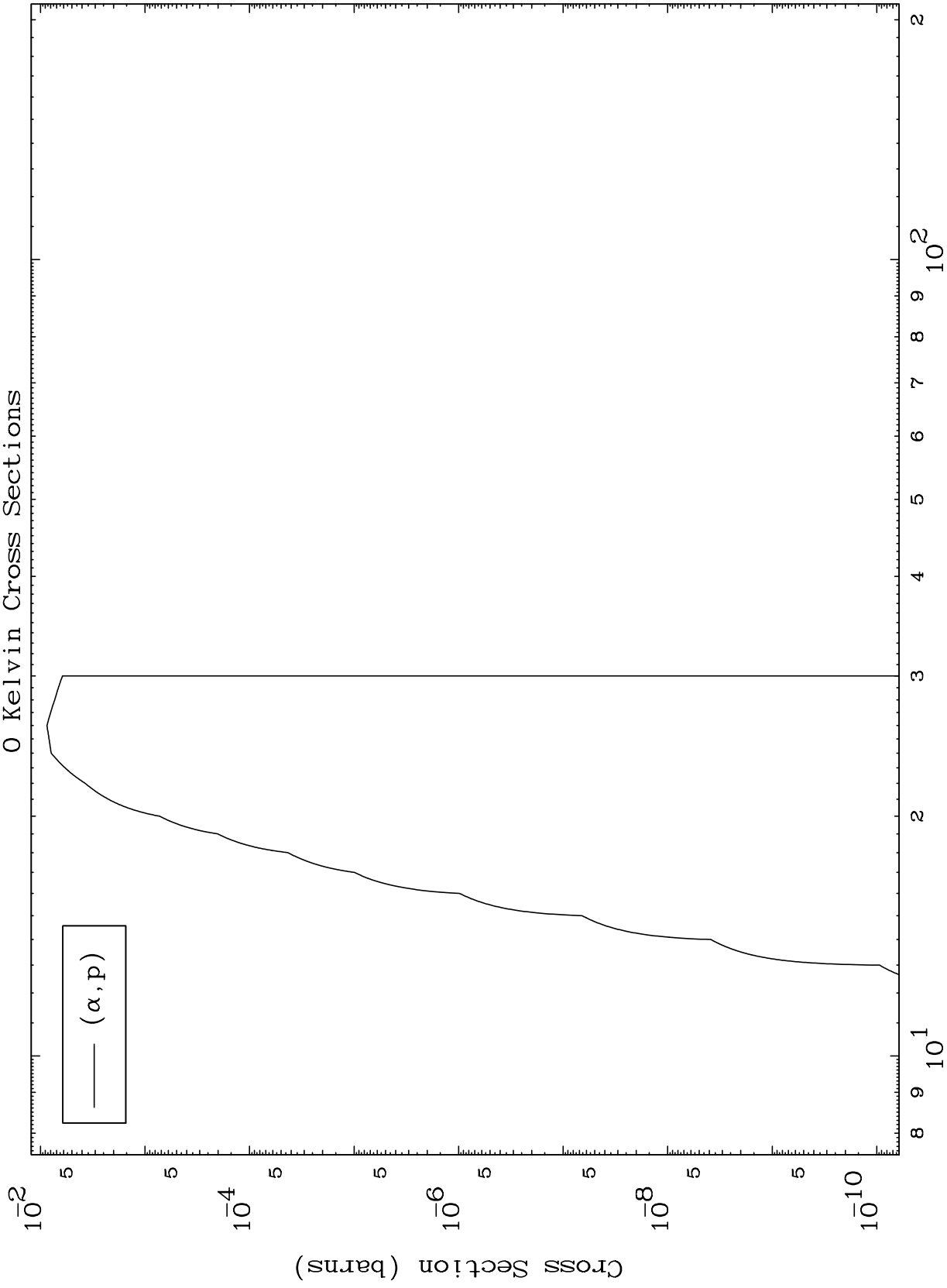
83-Bi-198



MAT 8292

(α, p) Levels
0 Kelvin Cross Sections

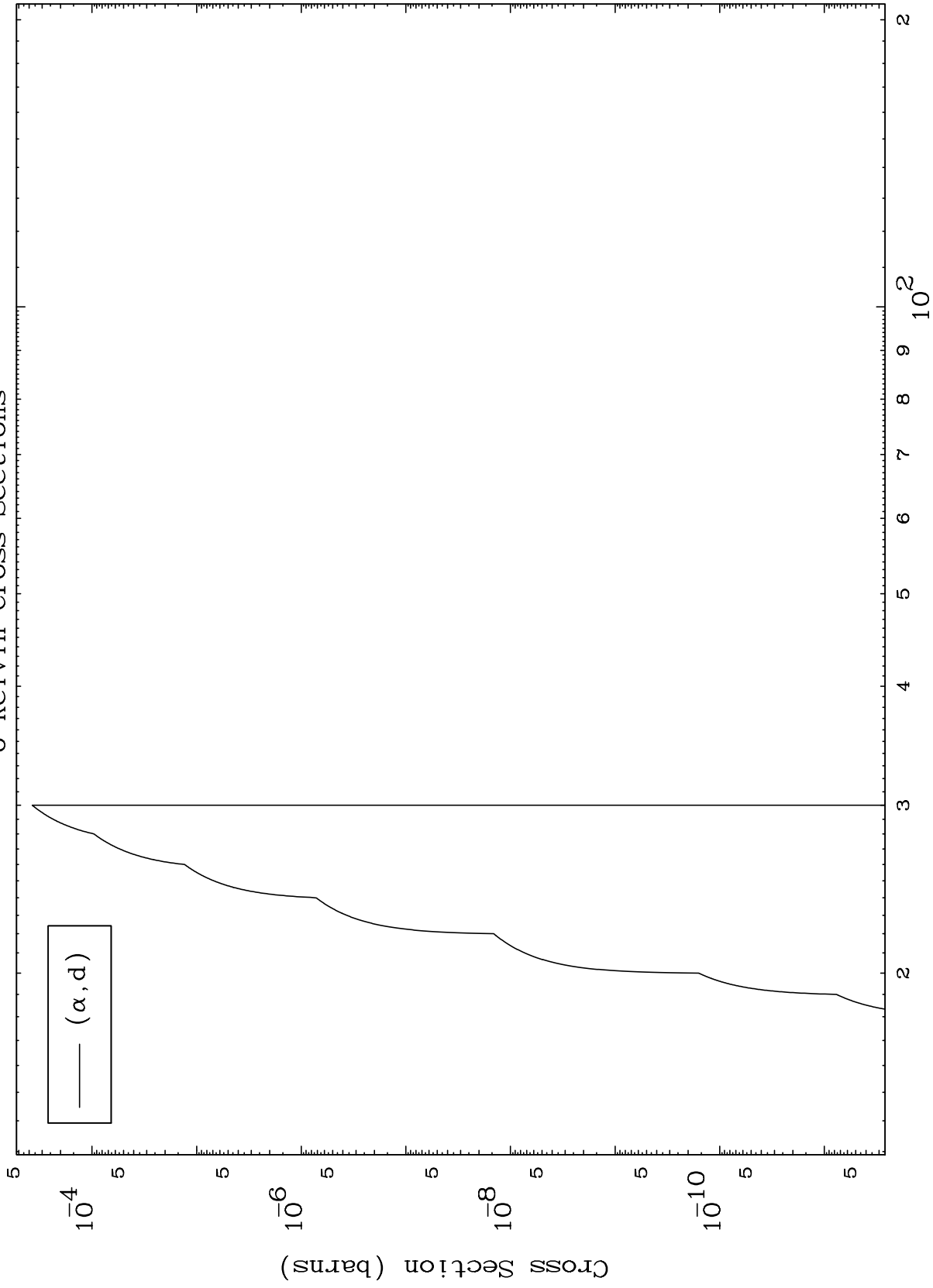
83-Bi-198

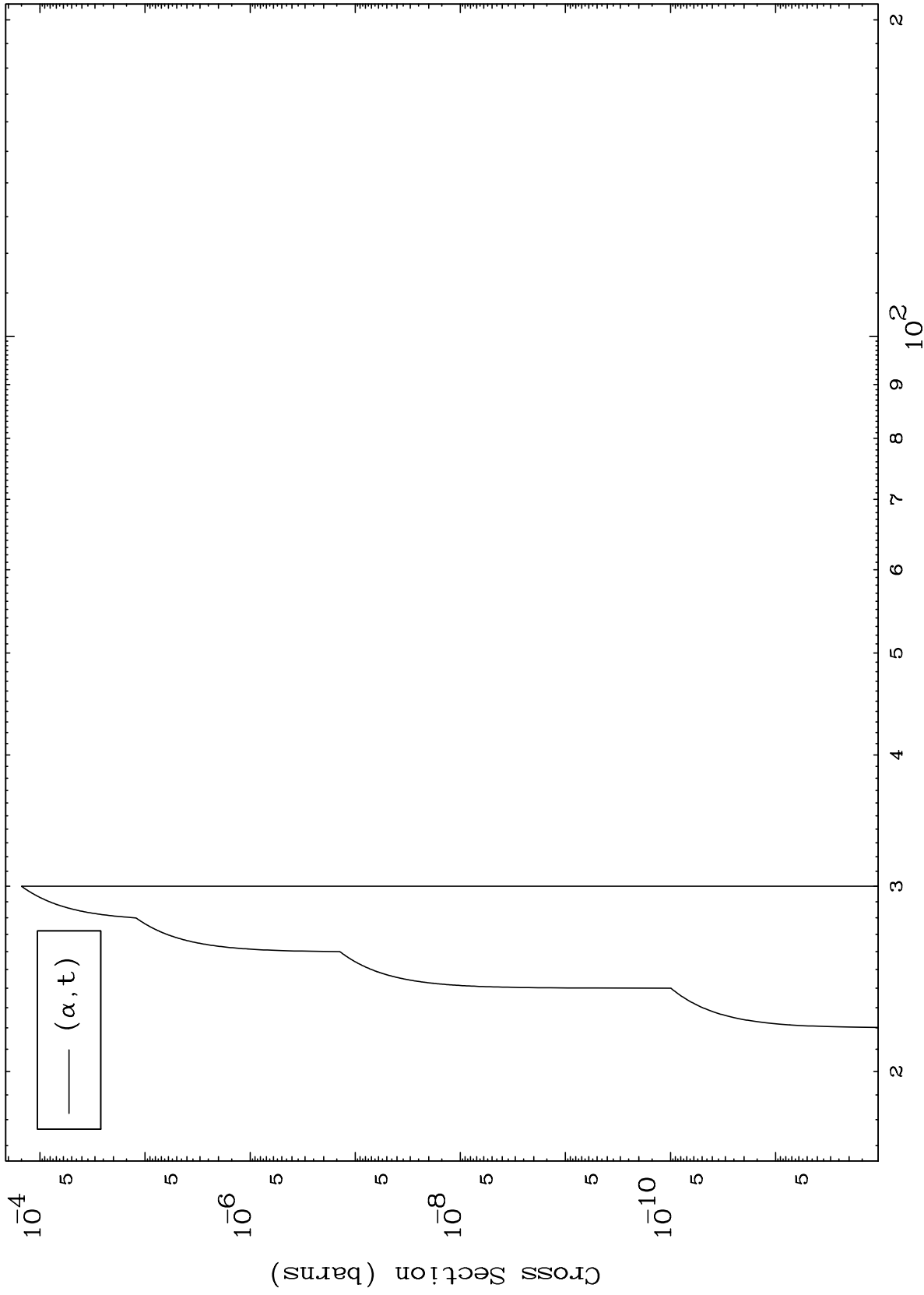


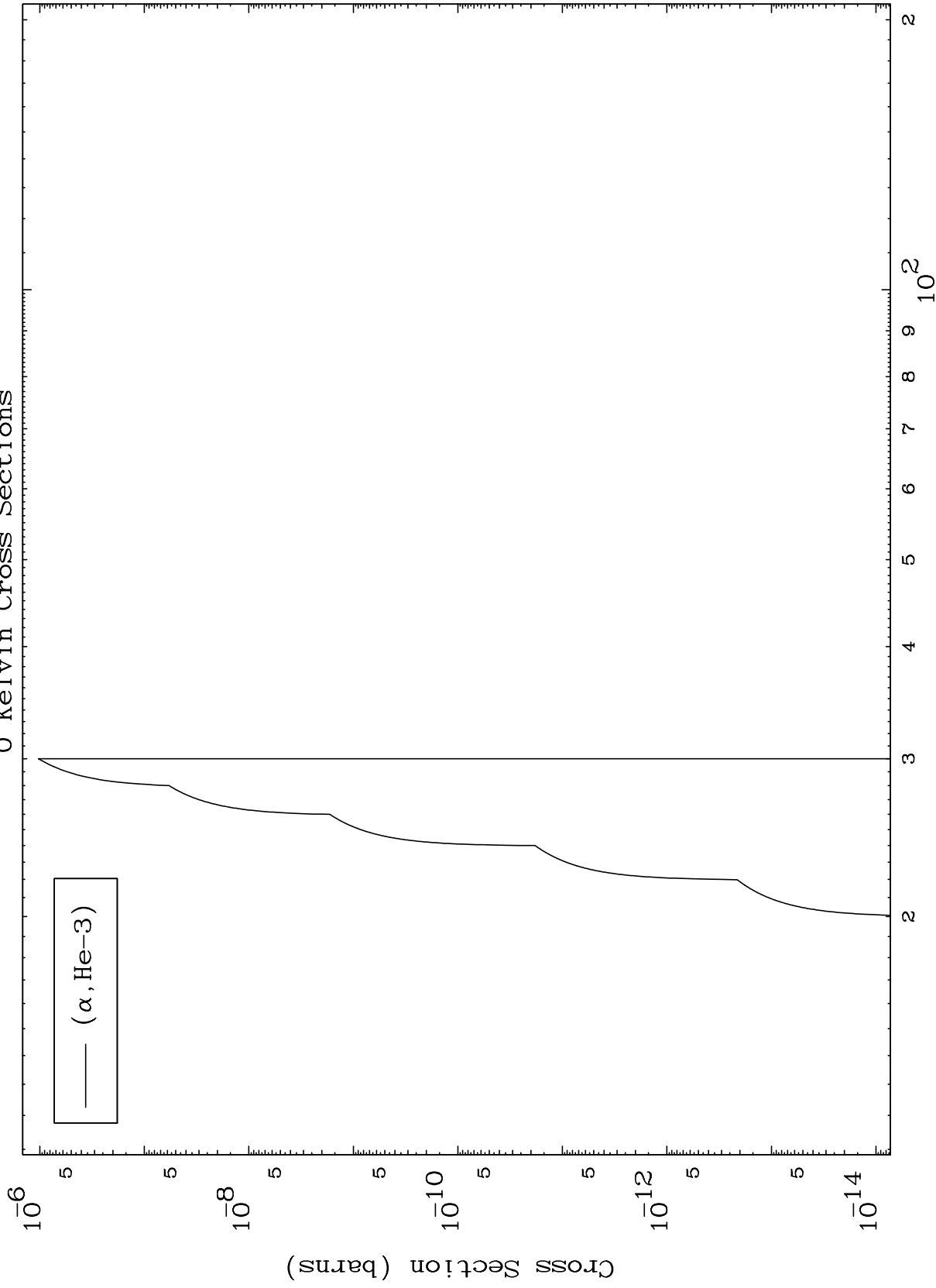
6

Incident Energy (MeV)

83-Bi-198



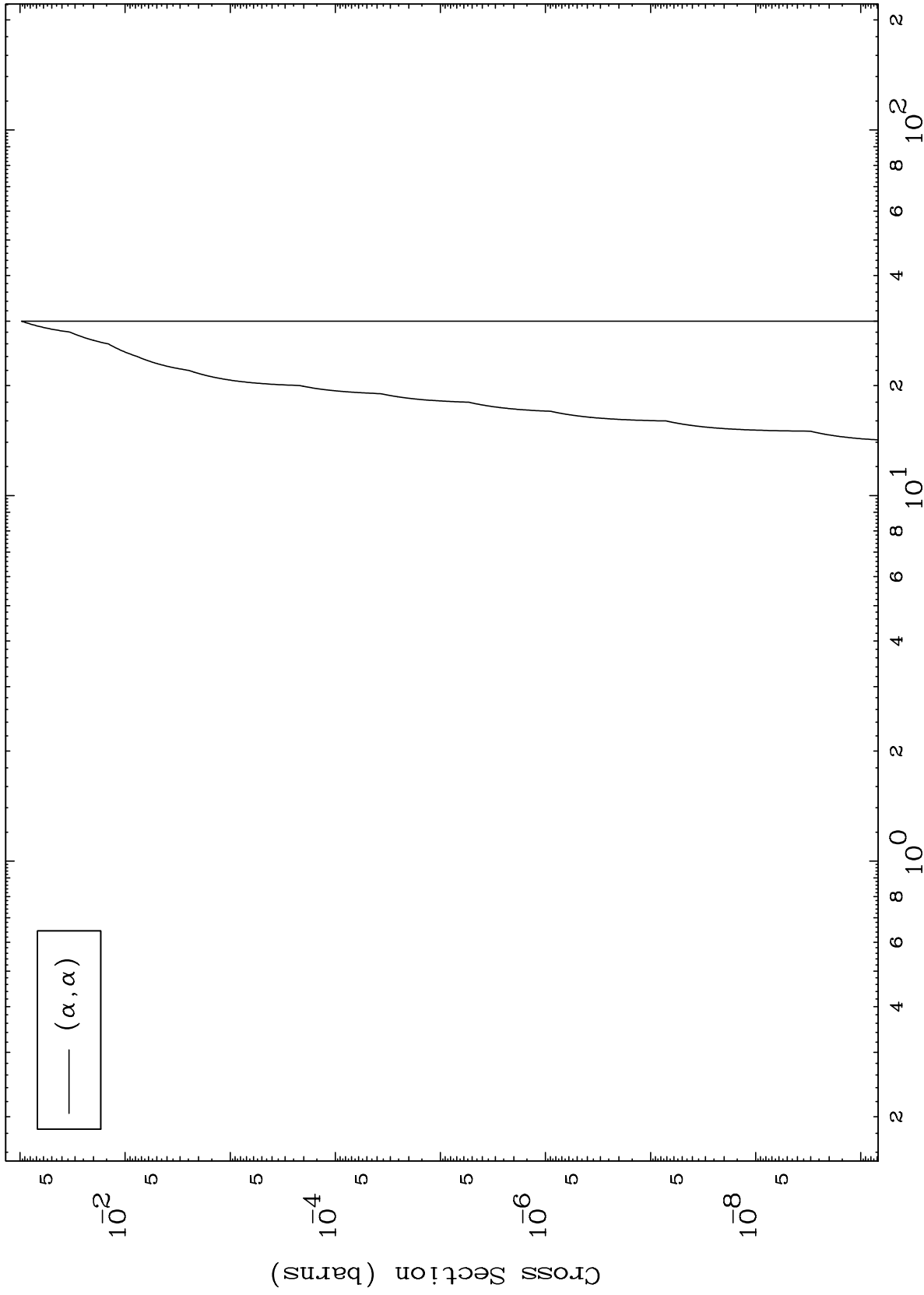




MAT 8292

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-198

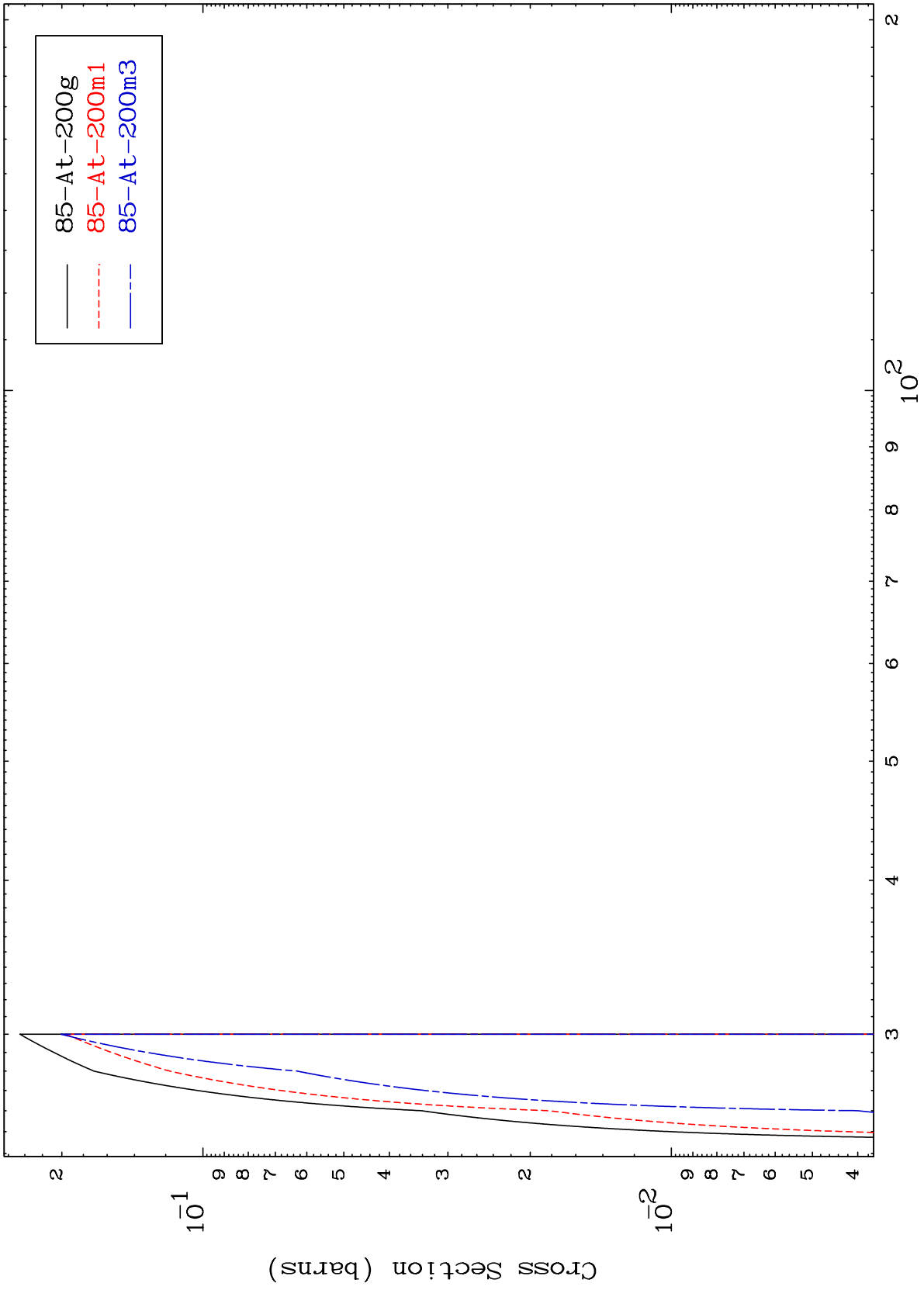


10

Incident Energy (MeV)

83-Bi-198

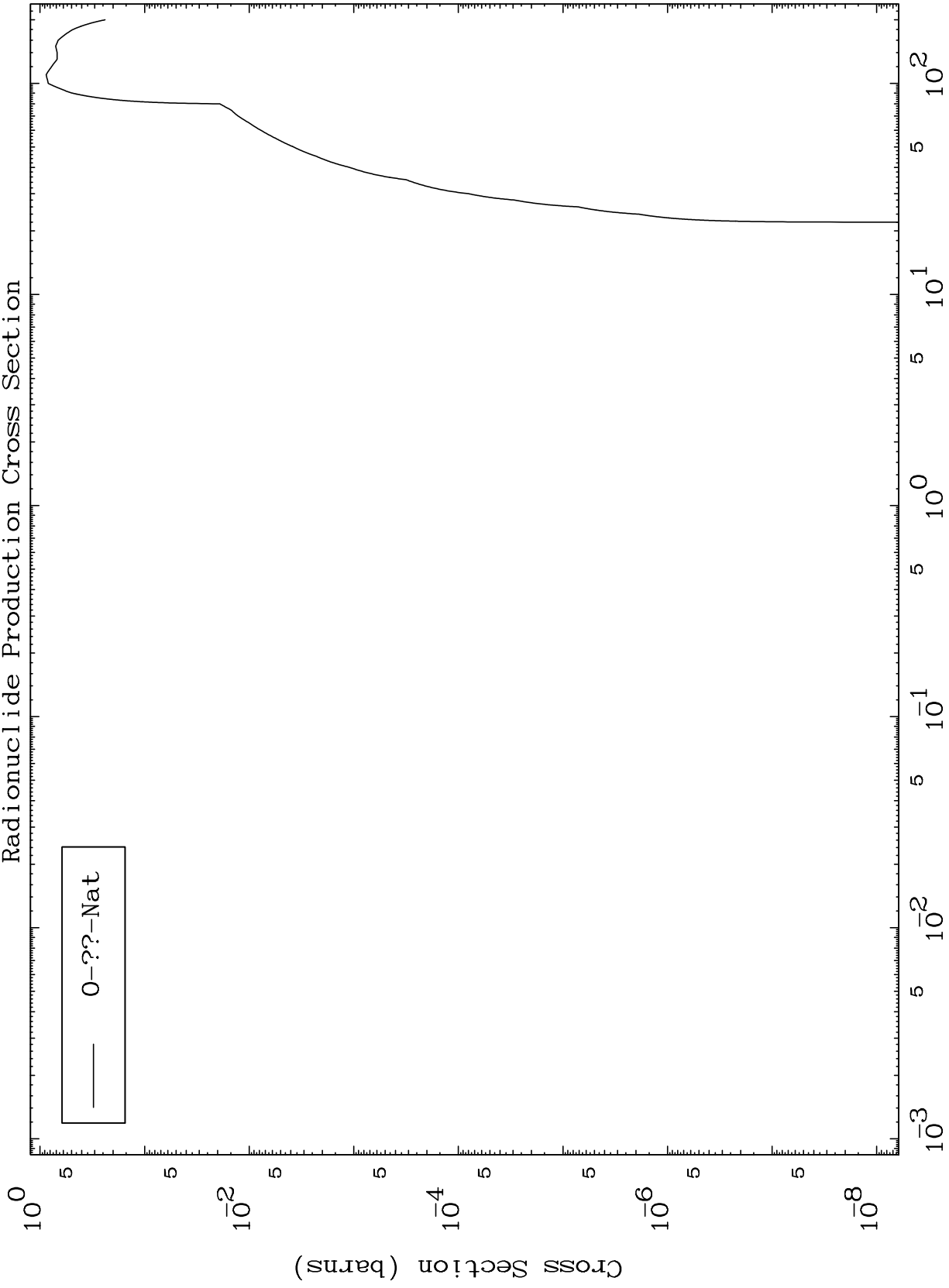
Radionuclide Production Cross Section
($\alpha, 2n$)



MAT 8292

α Fission
Radionuclide Production Cross Section

83-Bi-198



12

Incident Energy (MeV)

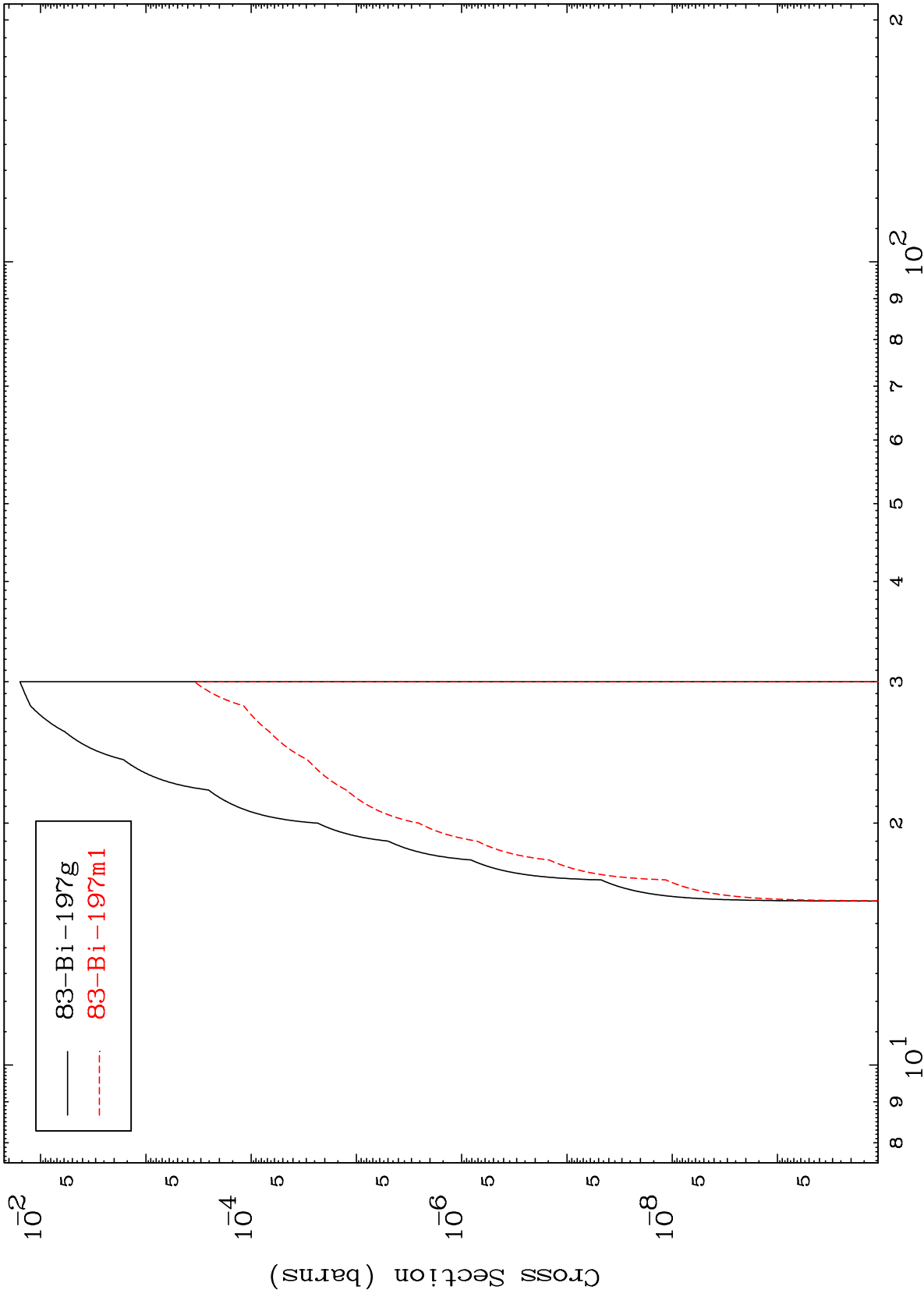
83-Bi-198

MAT 8292

(α, n') α

83-Bi-198

Radionuclide Production Cross Section



13

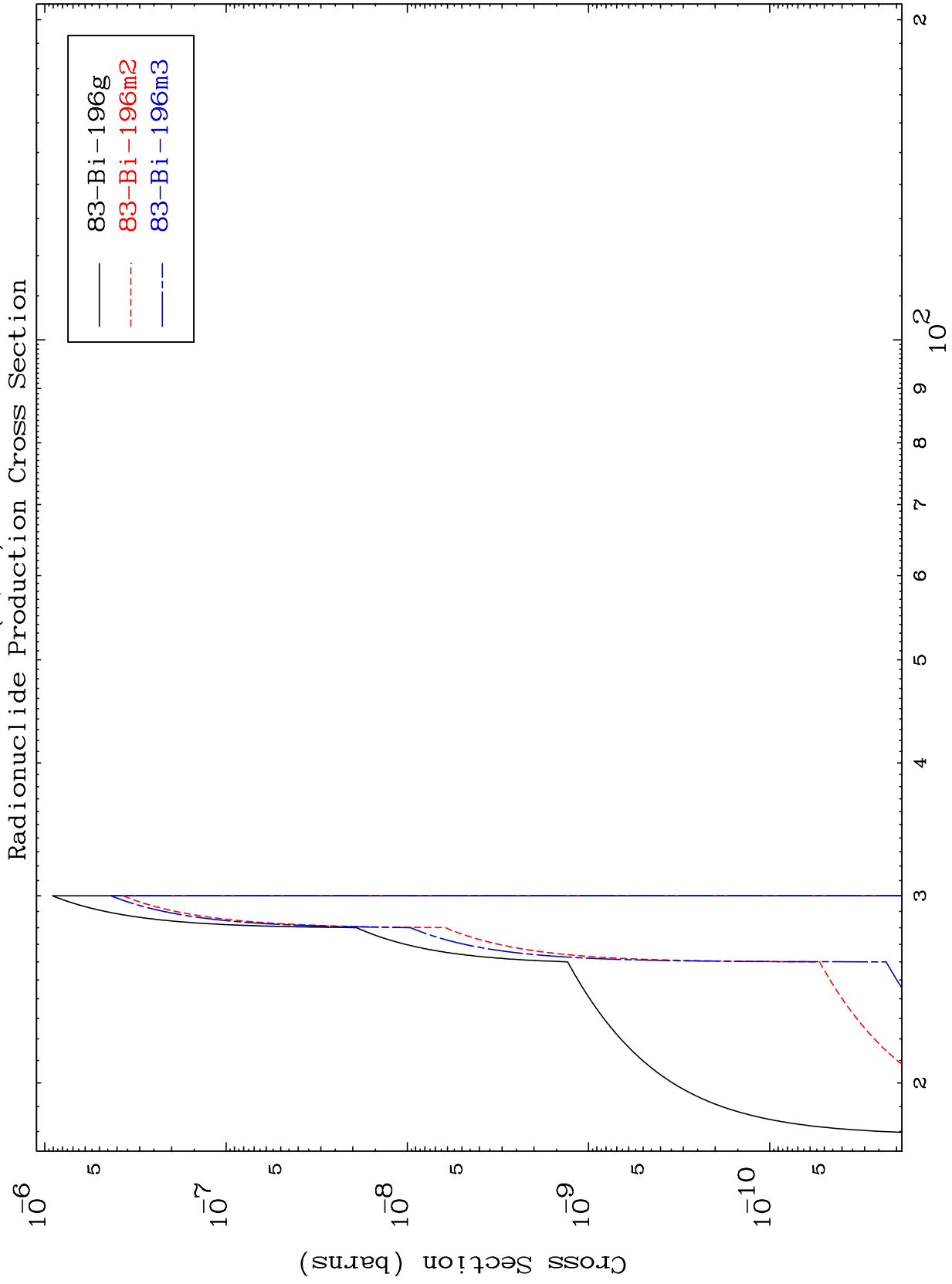
Incident Energy (MeV)

83-Bi-198

MAT 8292

$(\alpha, 2n) \alpha$

83-Bi-198



14

Incident Energy (MeV)

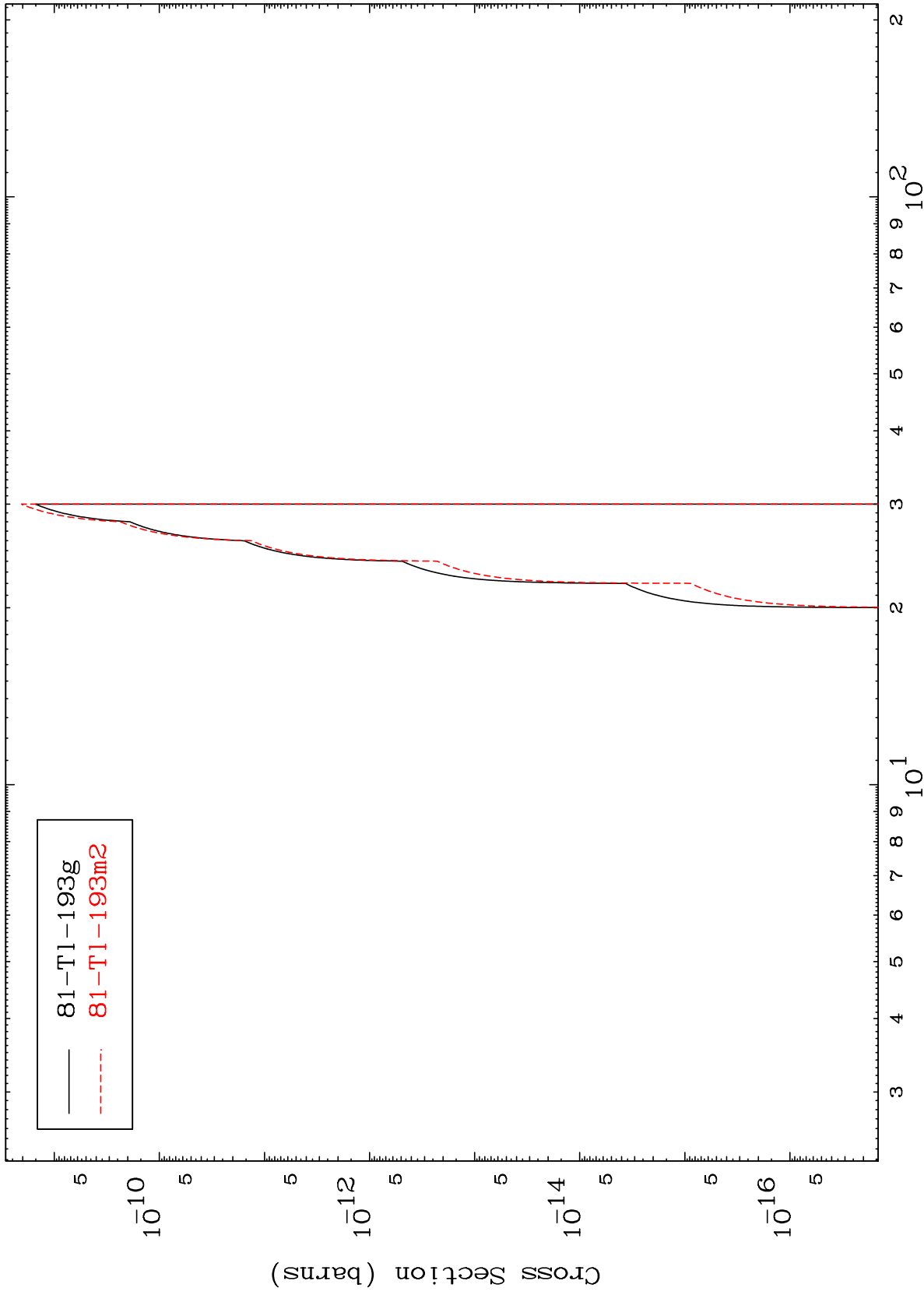
83-Bi-198

MAT 8292

(α, n') 2α

83-Bi-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

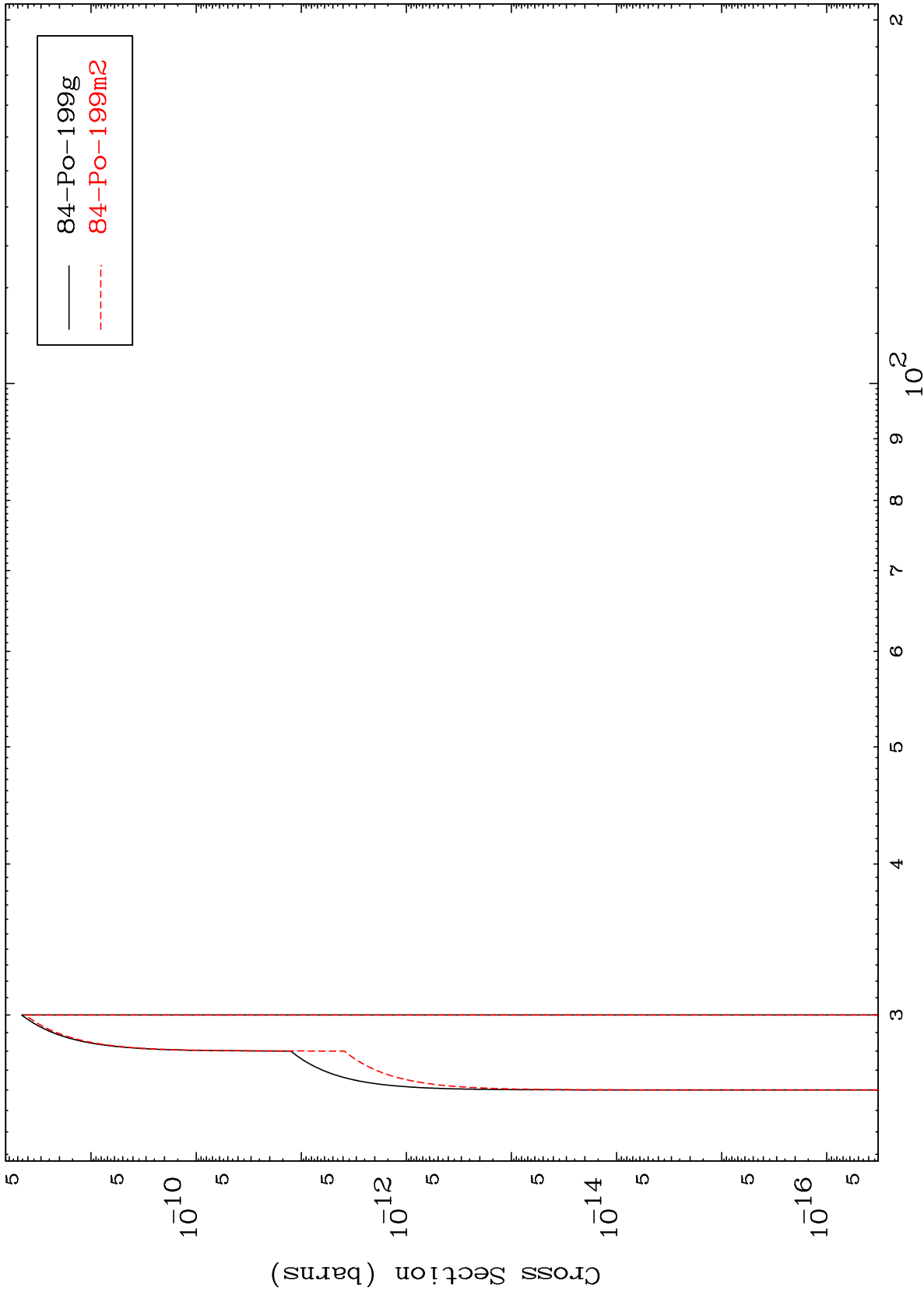
83-Bi-198

MAT 8292

(α, n') d

83-Bi-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

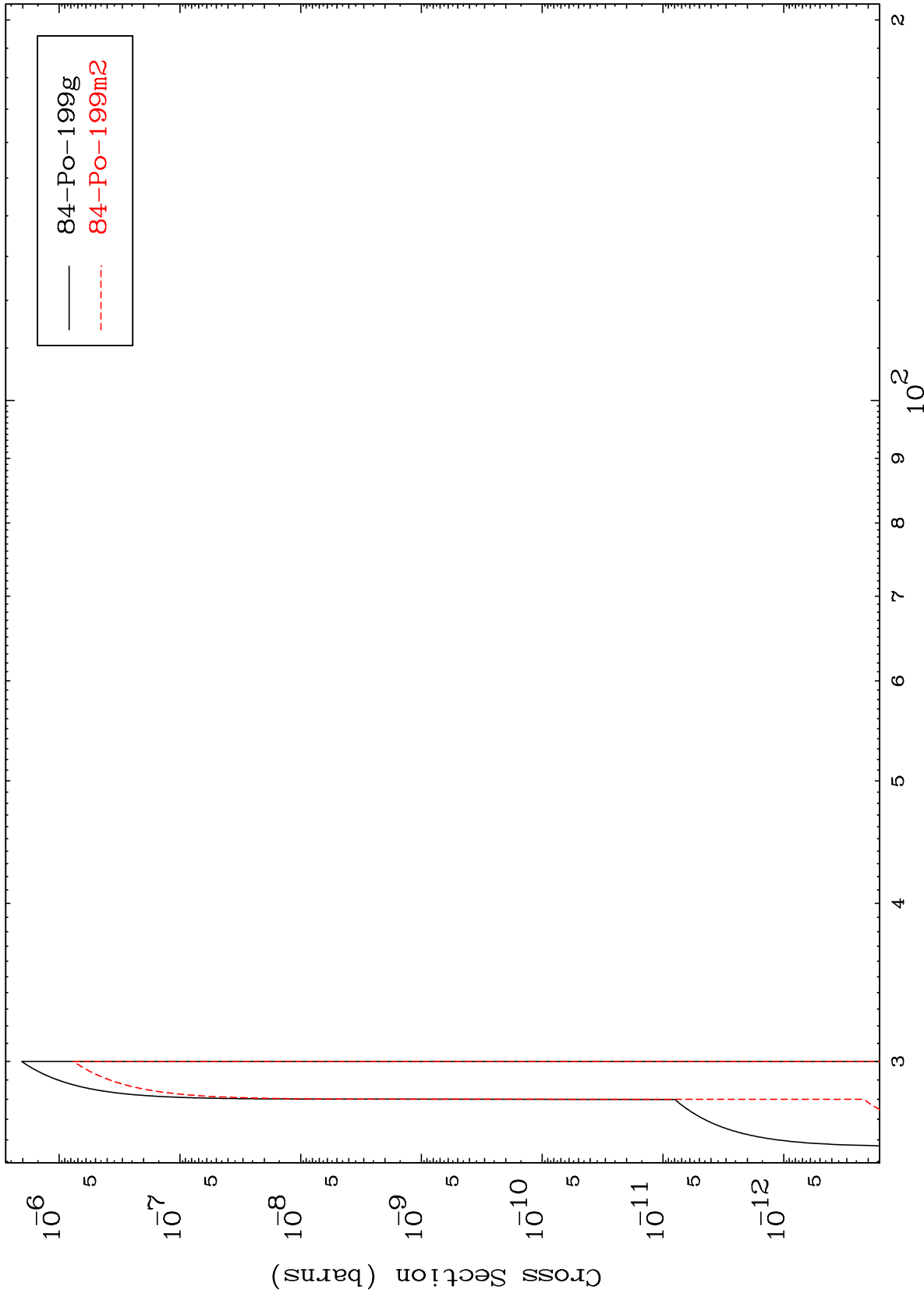
83-Bi-198

MAT 8292

$(\alpha, 2n)$ p

83-Bi-198

Radionuclide Production Cross Section



17

Incident Energy (MeV)

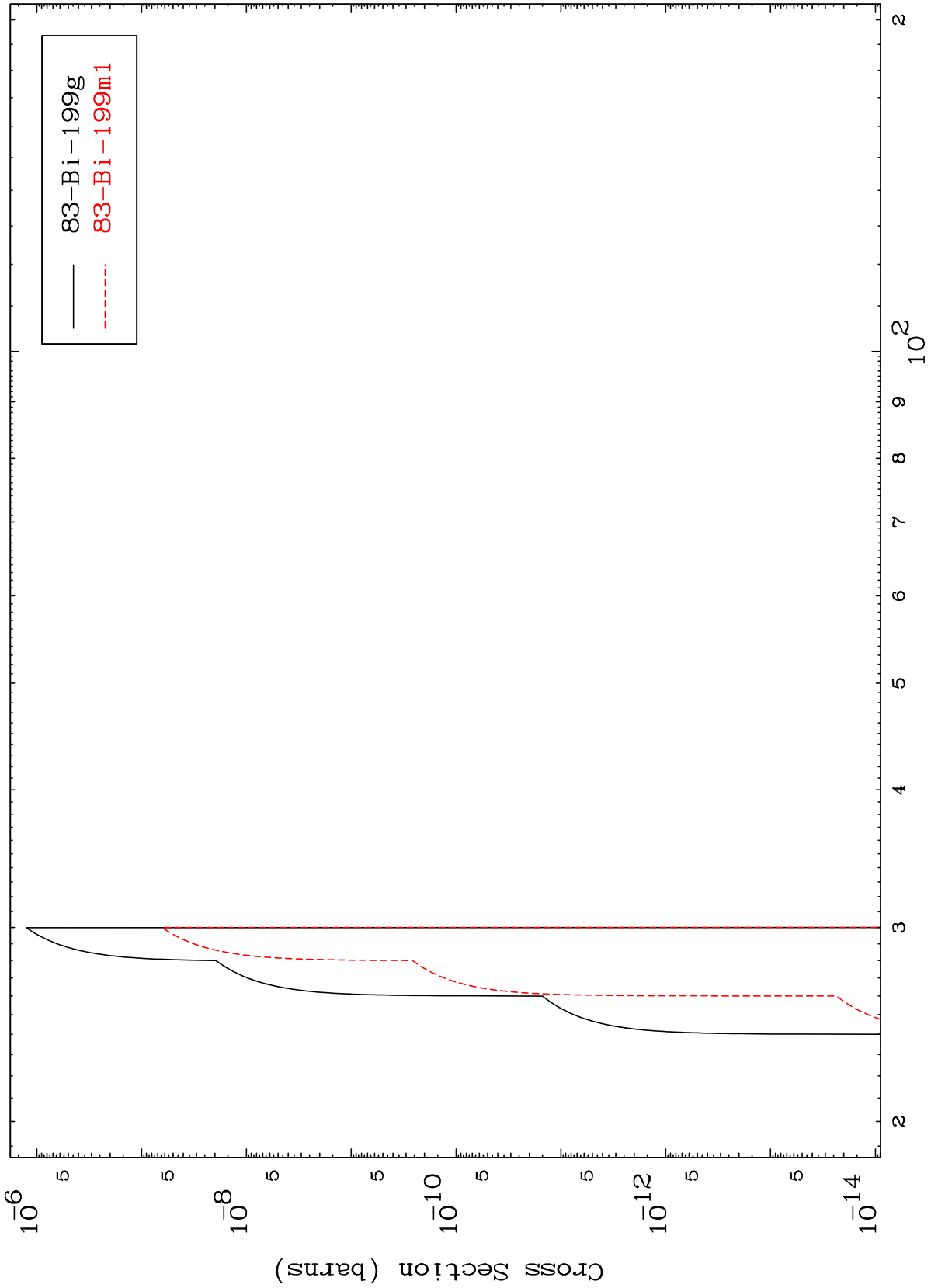
83-Bi-198

MAT 8292

$(\alpha, 2n)$ p

$^{83}\text{Bi}-198$

Radionuclide Production Cross Section



18

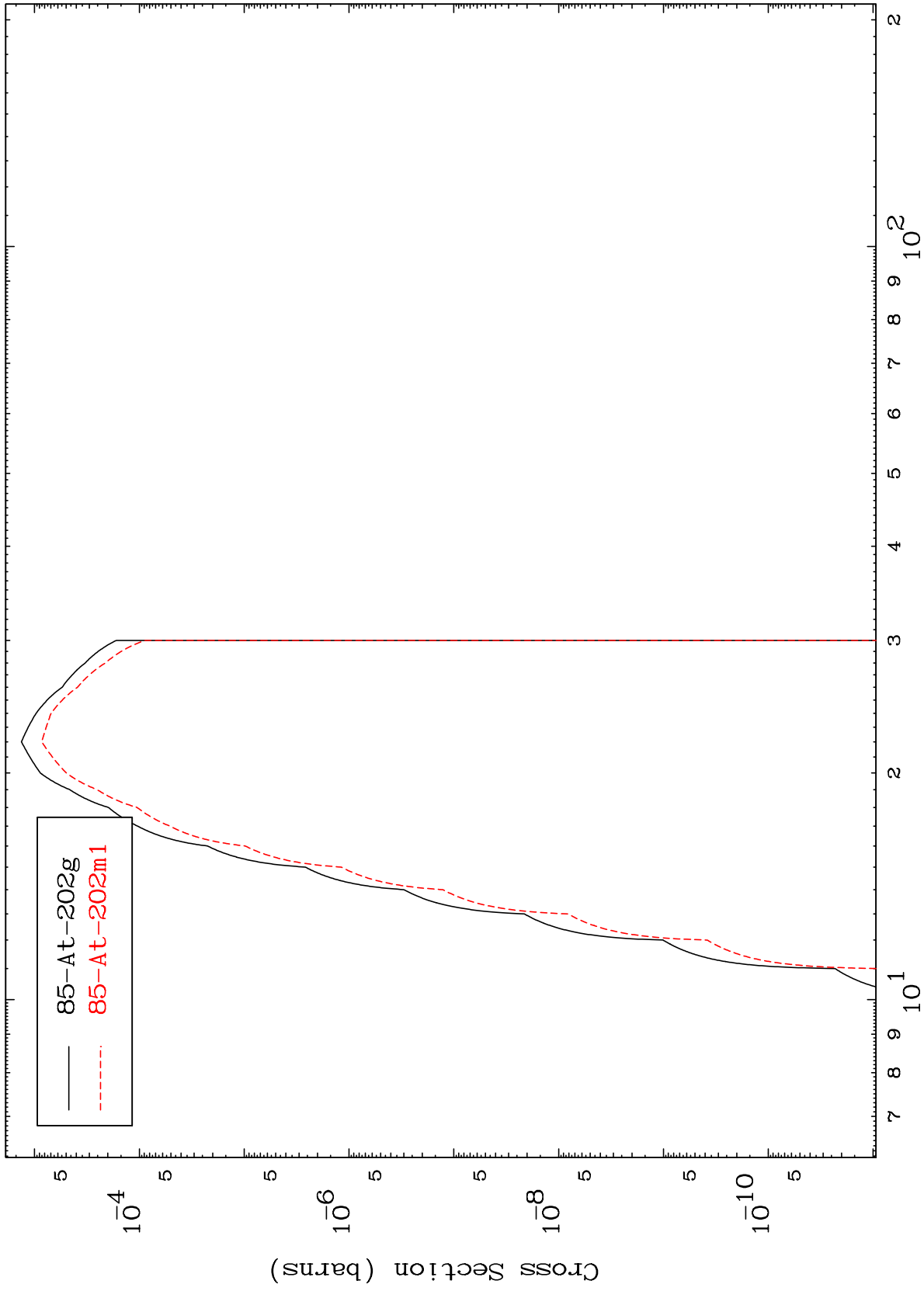
Incident Energy (MeV)

$^{83}\text{Bi}-198$

MAT 8292

83-Bi-198

(α, γ)
Radionuclide Production Cross Section



19

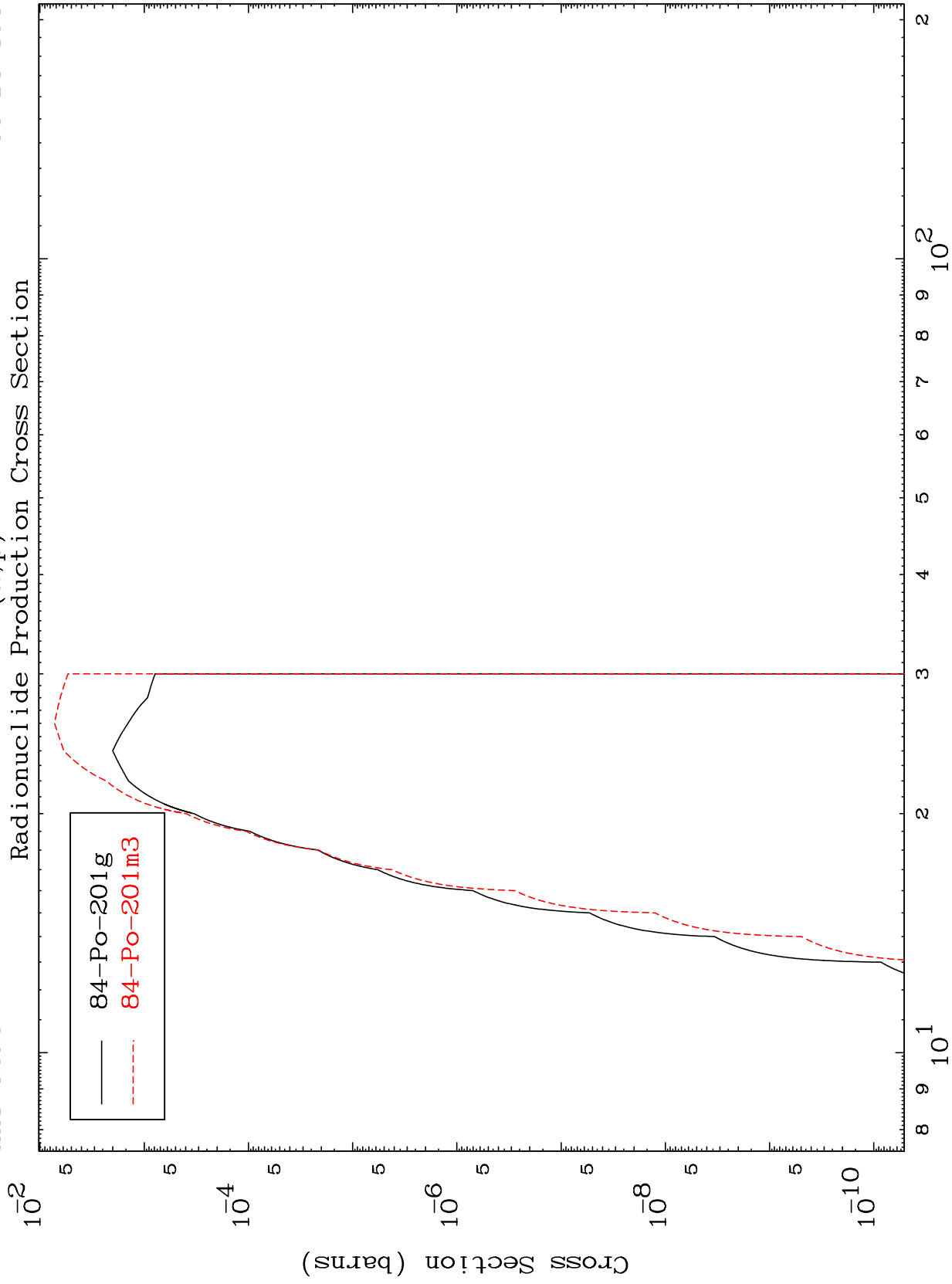
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(α, p)
Radionuclide Production Cross Section



20

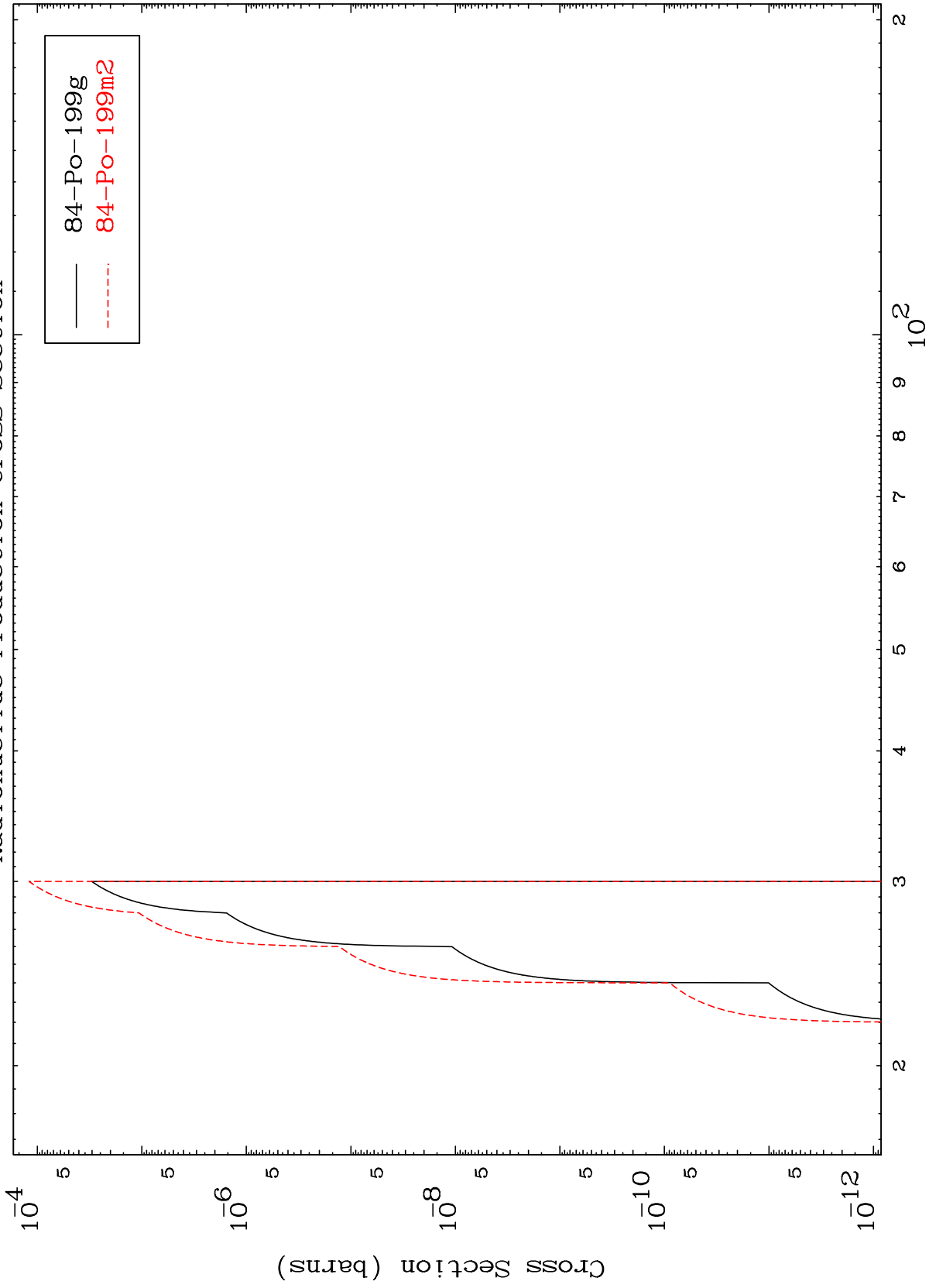
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(α, t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

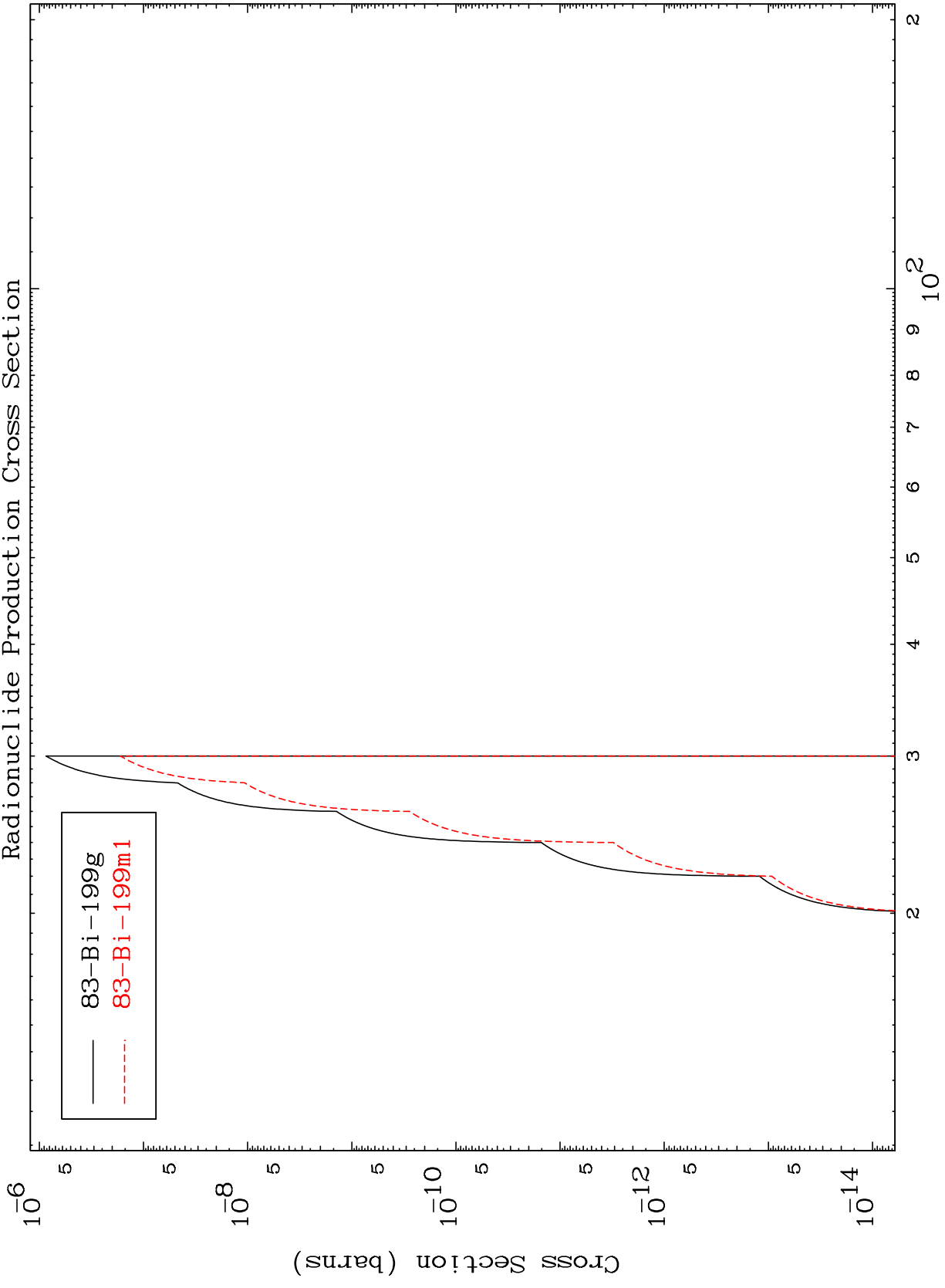
83-Bi-198

MAT 8292

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

83-Bi-198

Radionuclide Production Cross Section



22

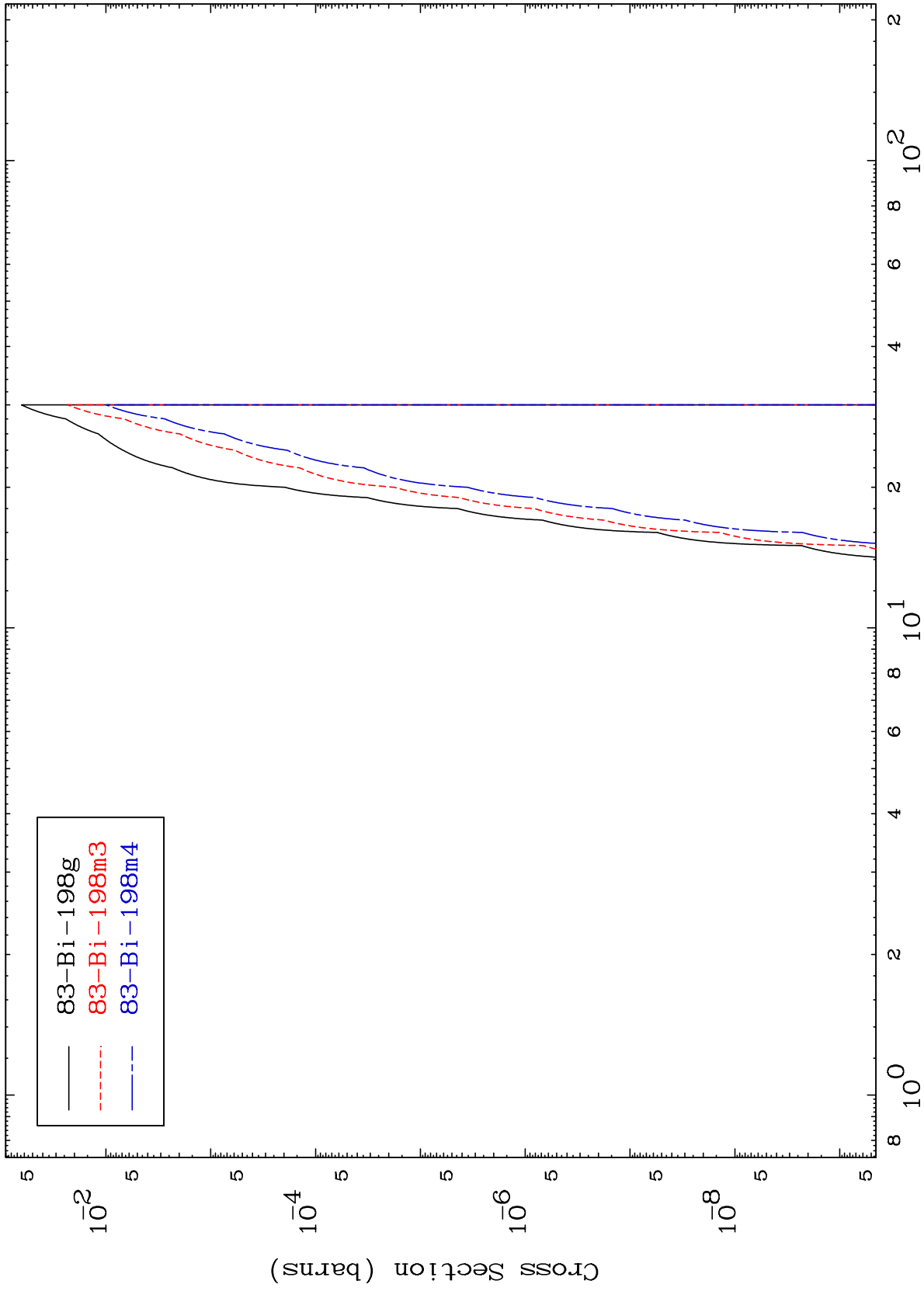
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(α, α)
Radionuclide Production Cross Section



23

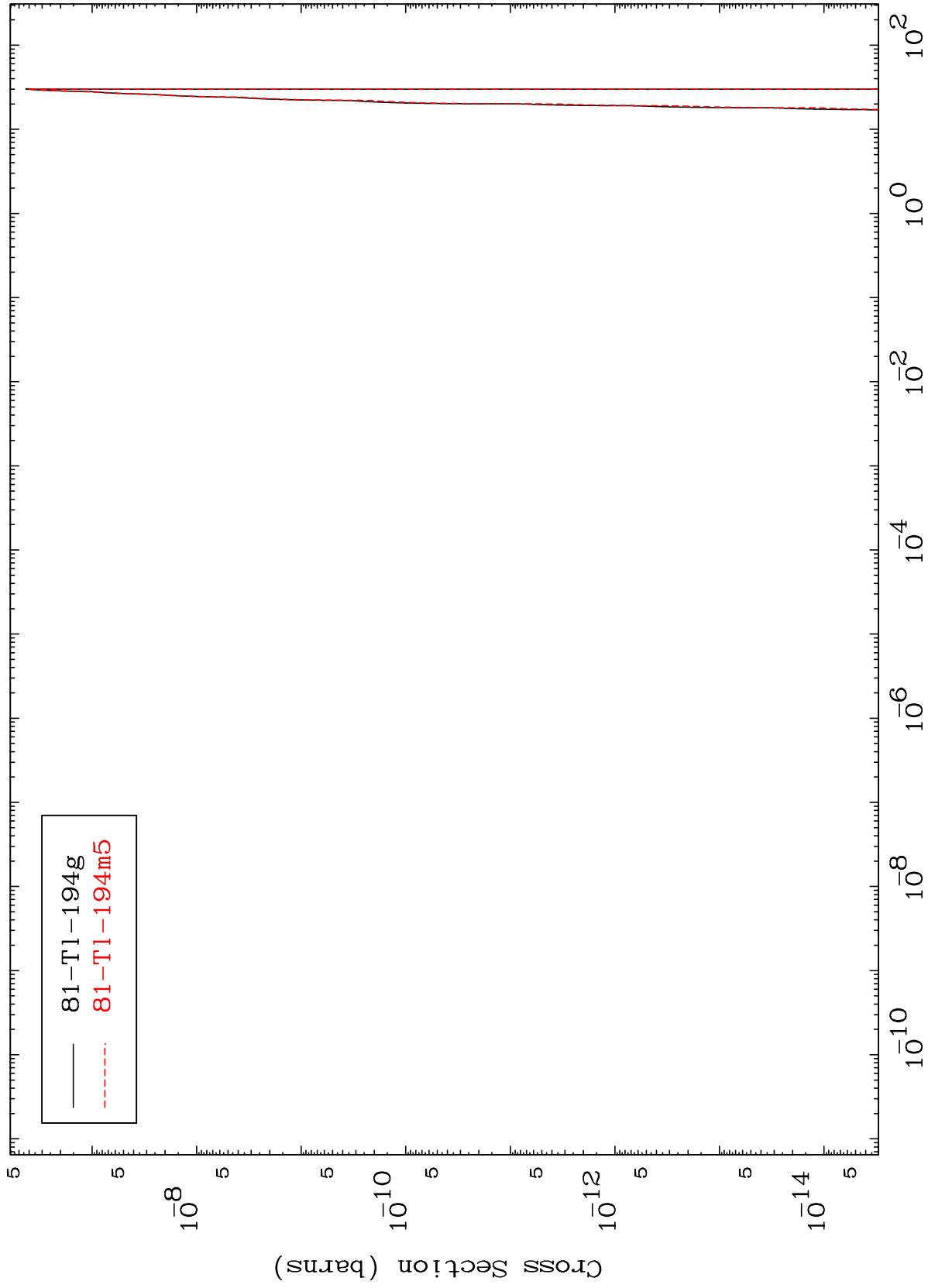
83-Bi-198

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($\alpha, 2\alpha$)

83-Bi-198

Radionuclide Production Cross Section



24

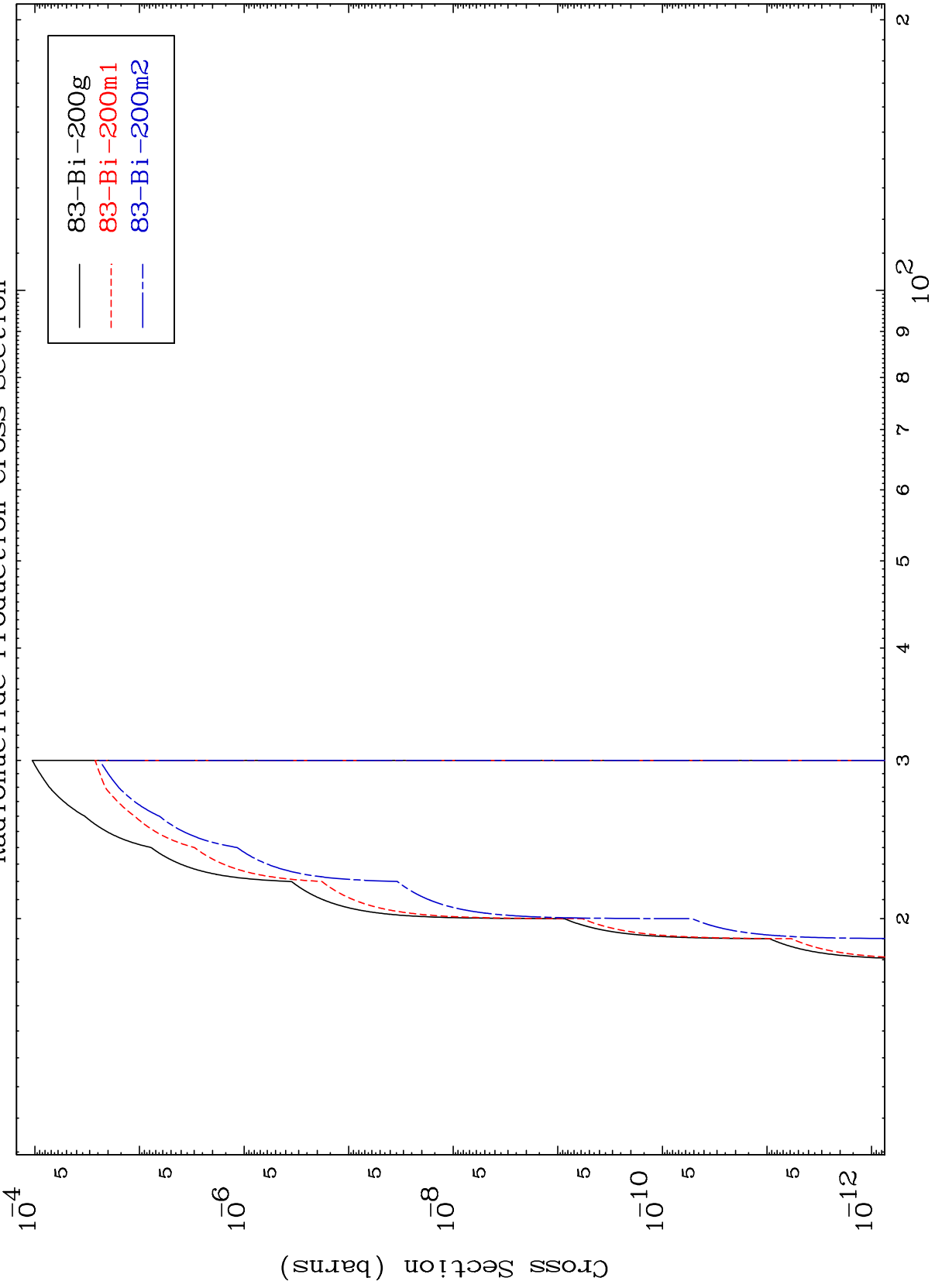
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

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



25

Incident Energy (MeV)

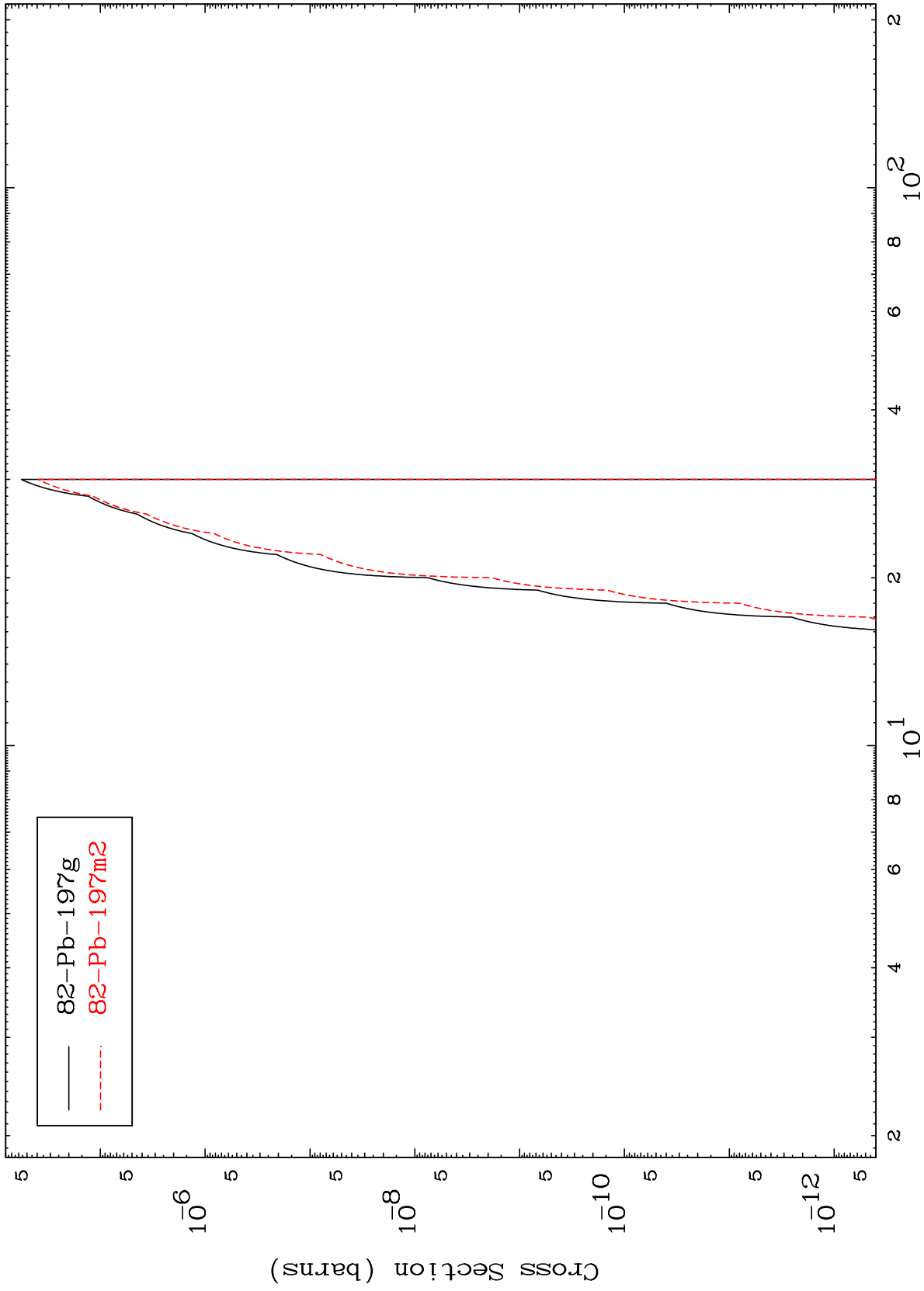
83-Bi-198

MAT 8292

(α, p) α

83-Bi-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

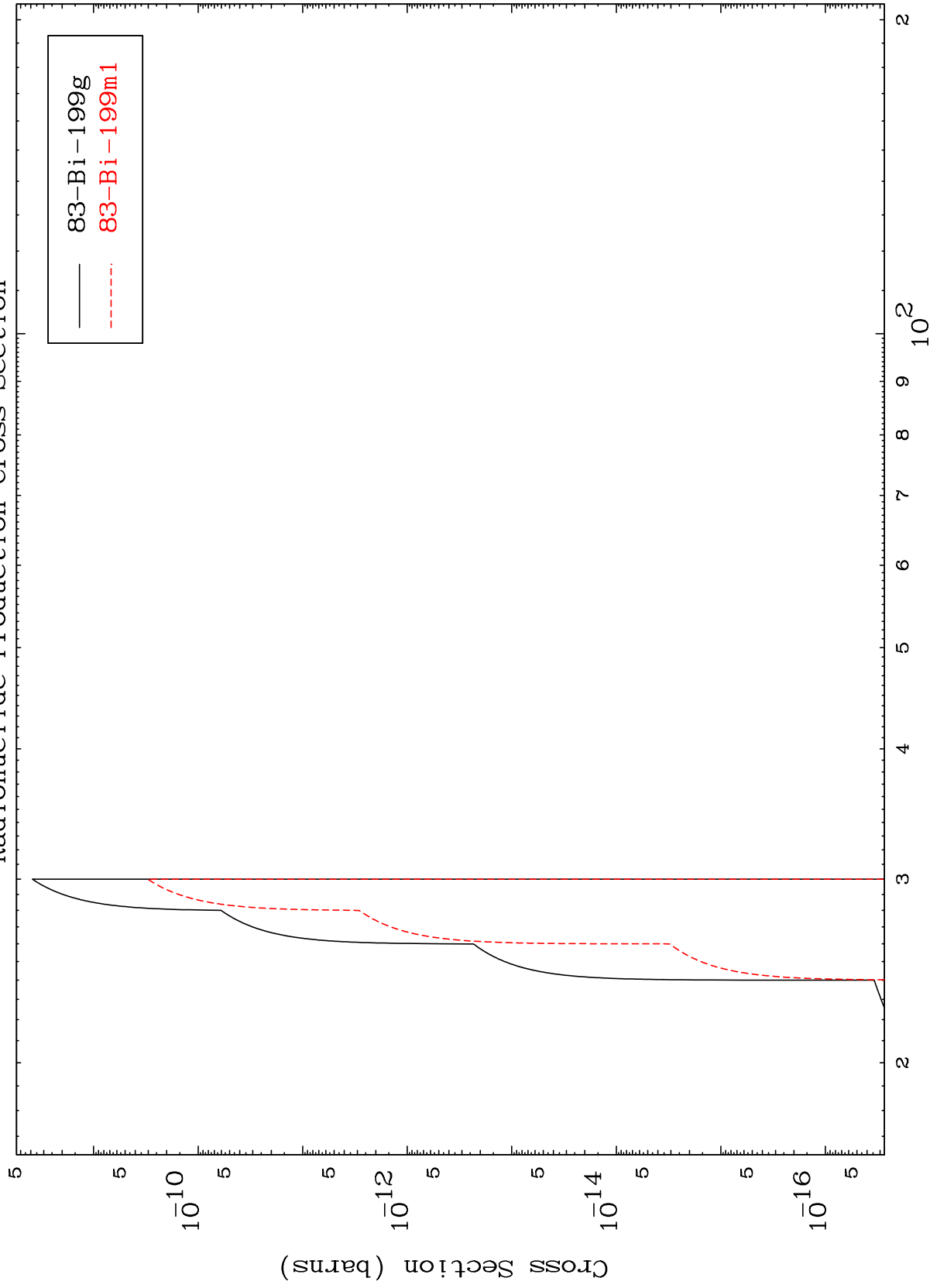
83-Bi-198

MAT 8292

(α, p) d

83-Bi-198

Radionuclide Production Cross Section



27

Incident Energy (MeV)

83-Bi-198