

Program EVALPLOT
(Version 2018-1)

by

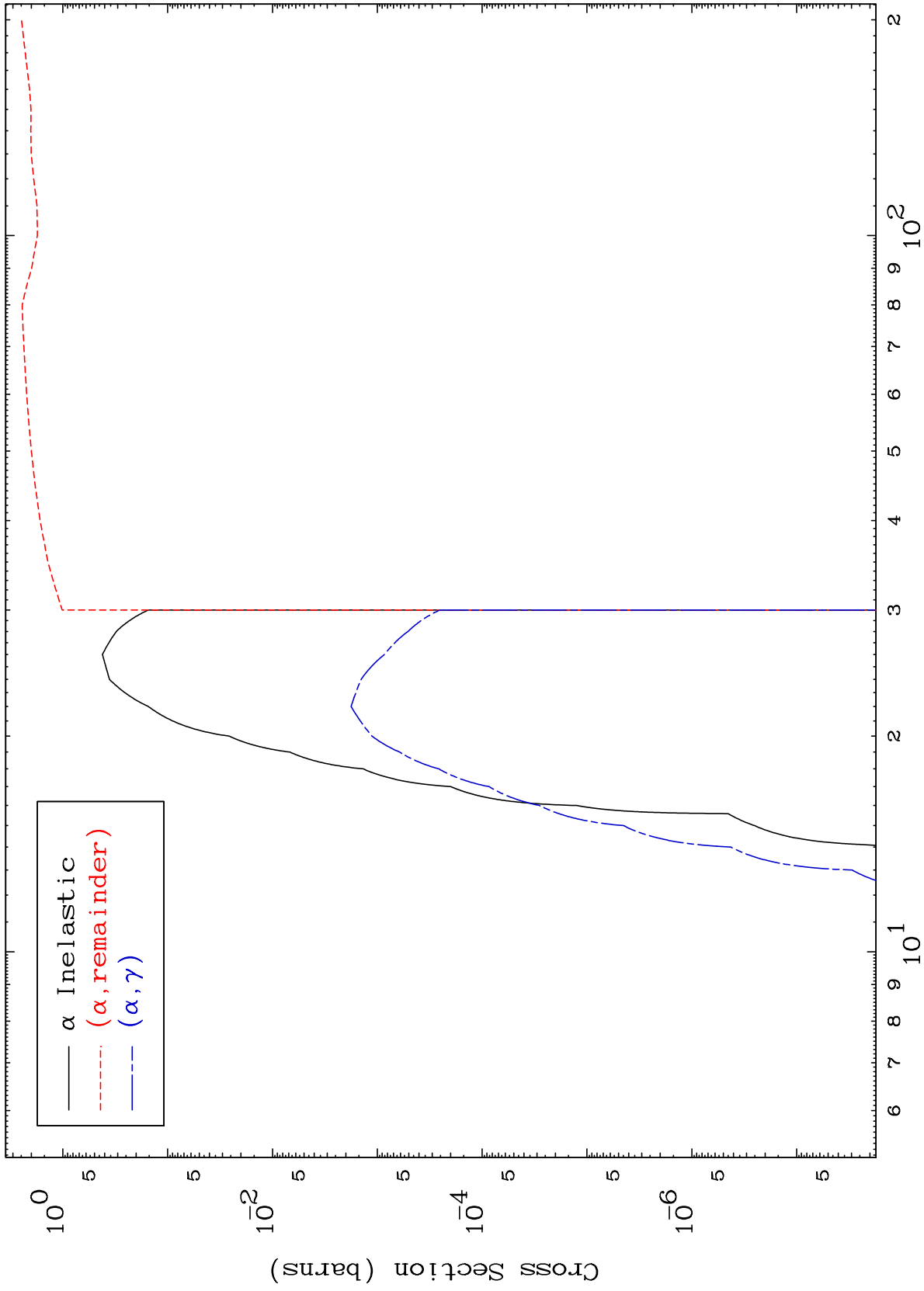
Dermott E. Cullen
(Present Contact Information)

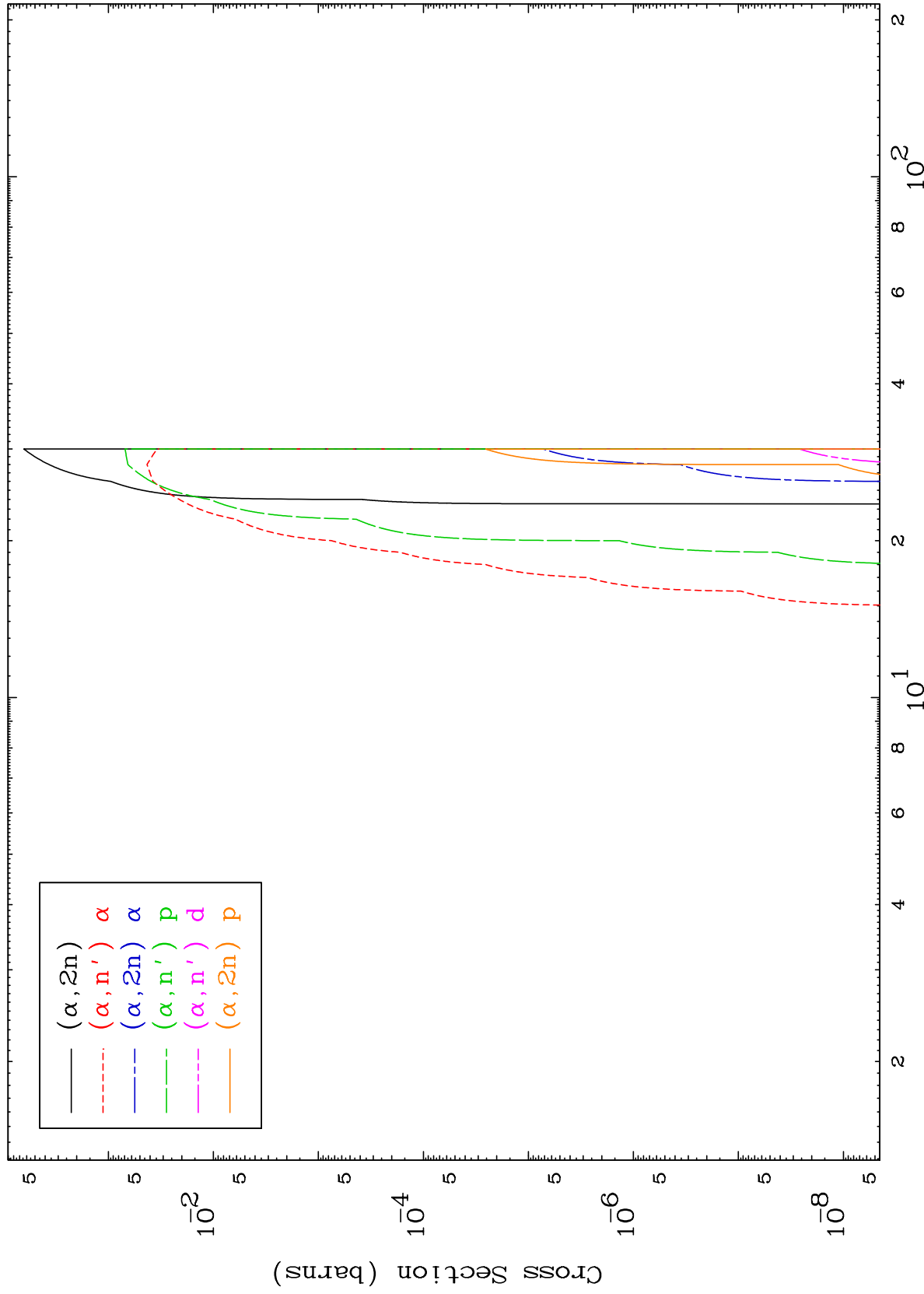
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

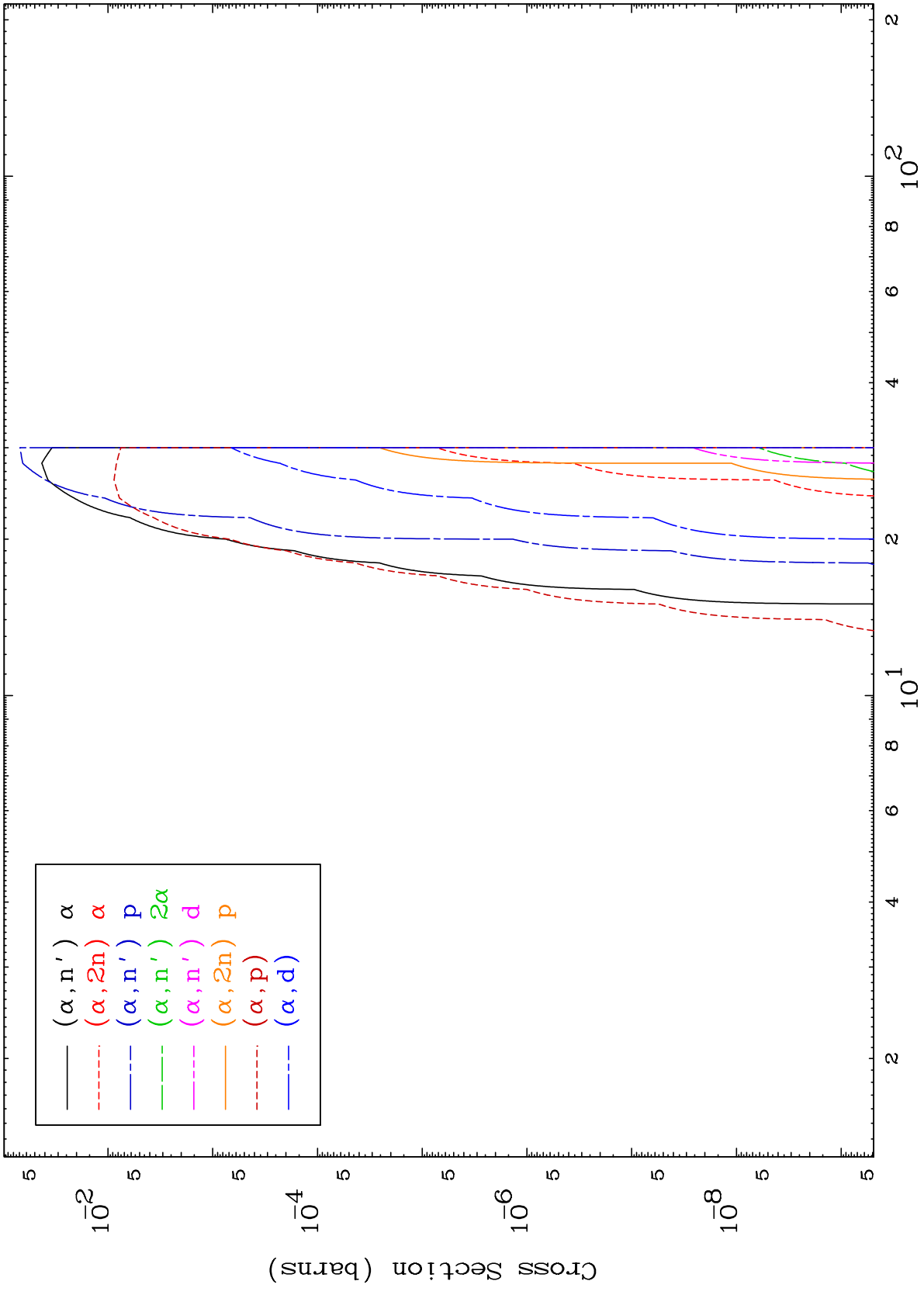
Tele: 925-443-1911

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

Press Mouse Button to Start



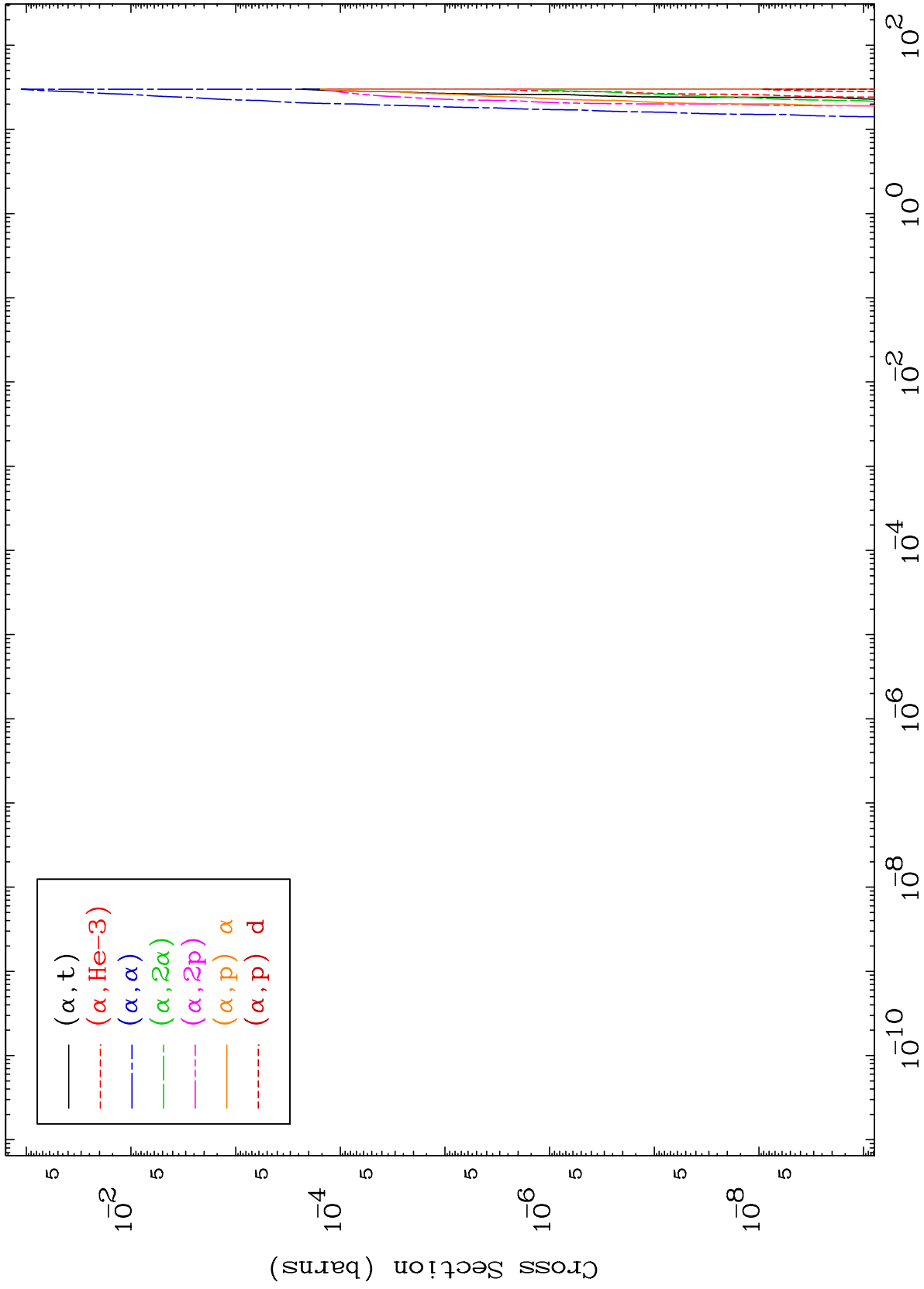




MAT 8294

α Charged Particle
0 Kelvin Cross Sections

83-Bi-198

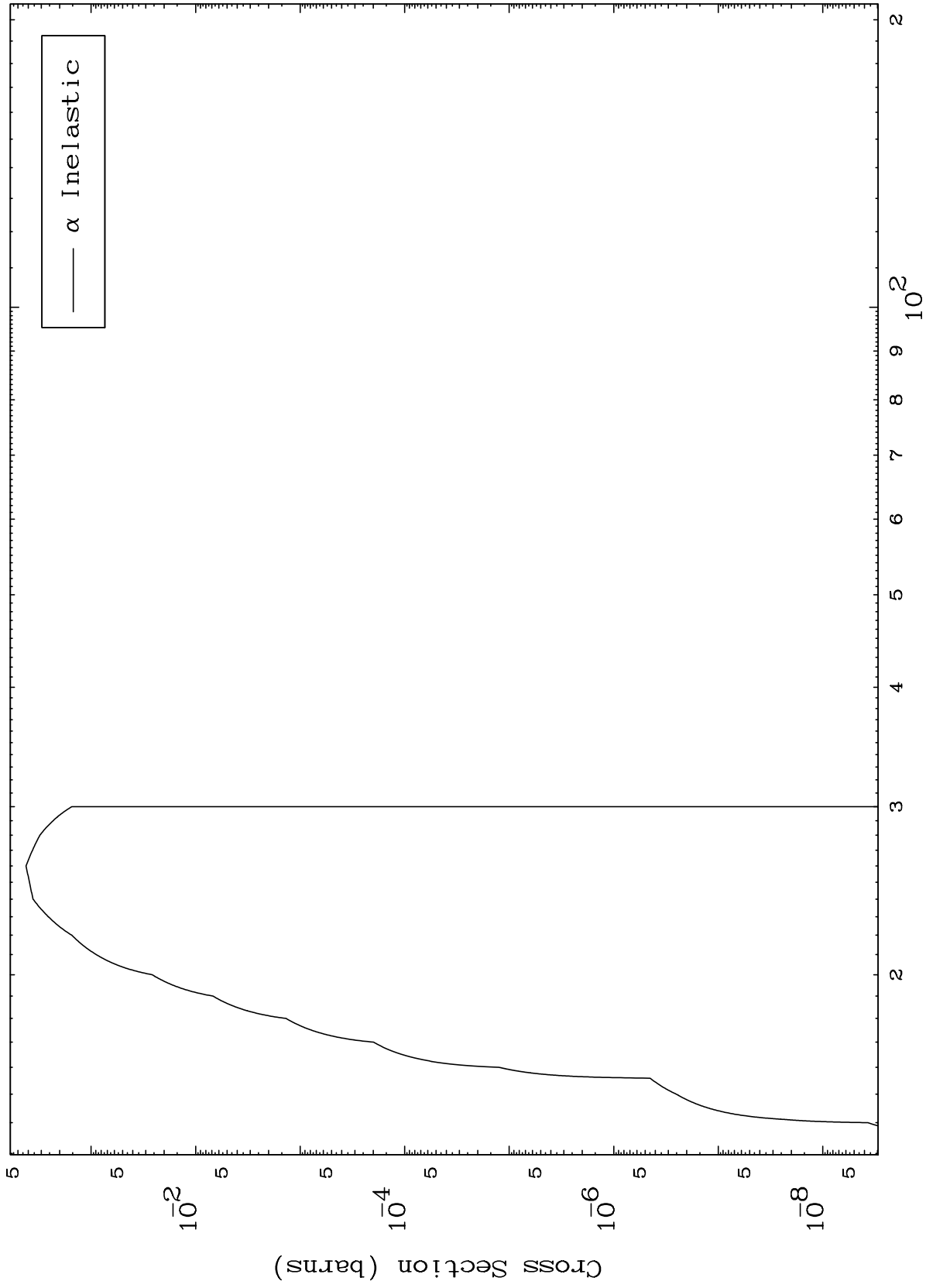


83-Bi-198

MAT 8294

(α, n') Level
0 Kelvin Cross Sections

83-Bi-198



5

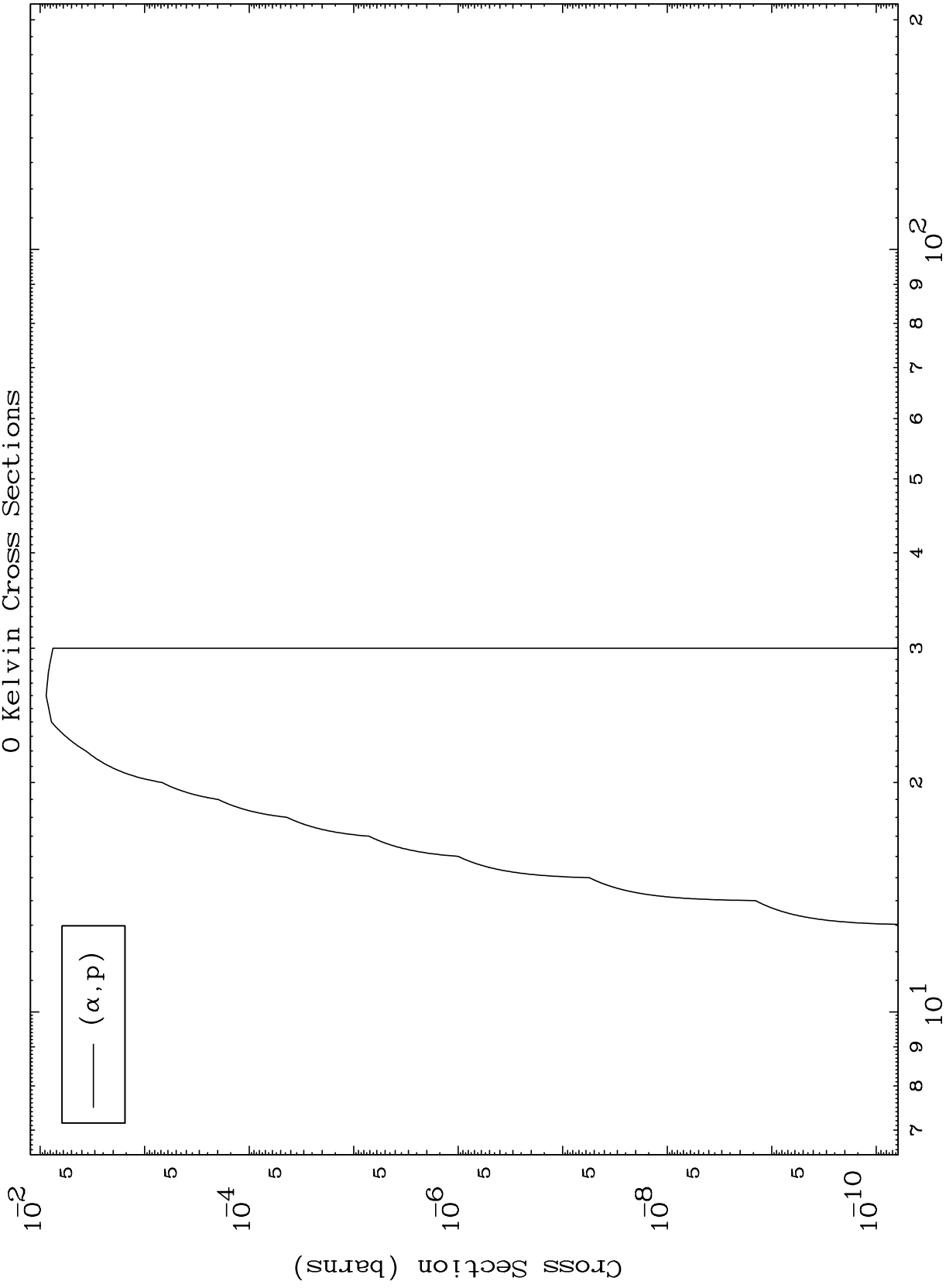
Incident Energy (MeV)

83-Bi-198

MAT 8294

(α, p) Levels
0 Kelvin Cross Sections

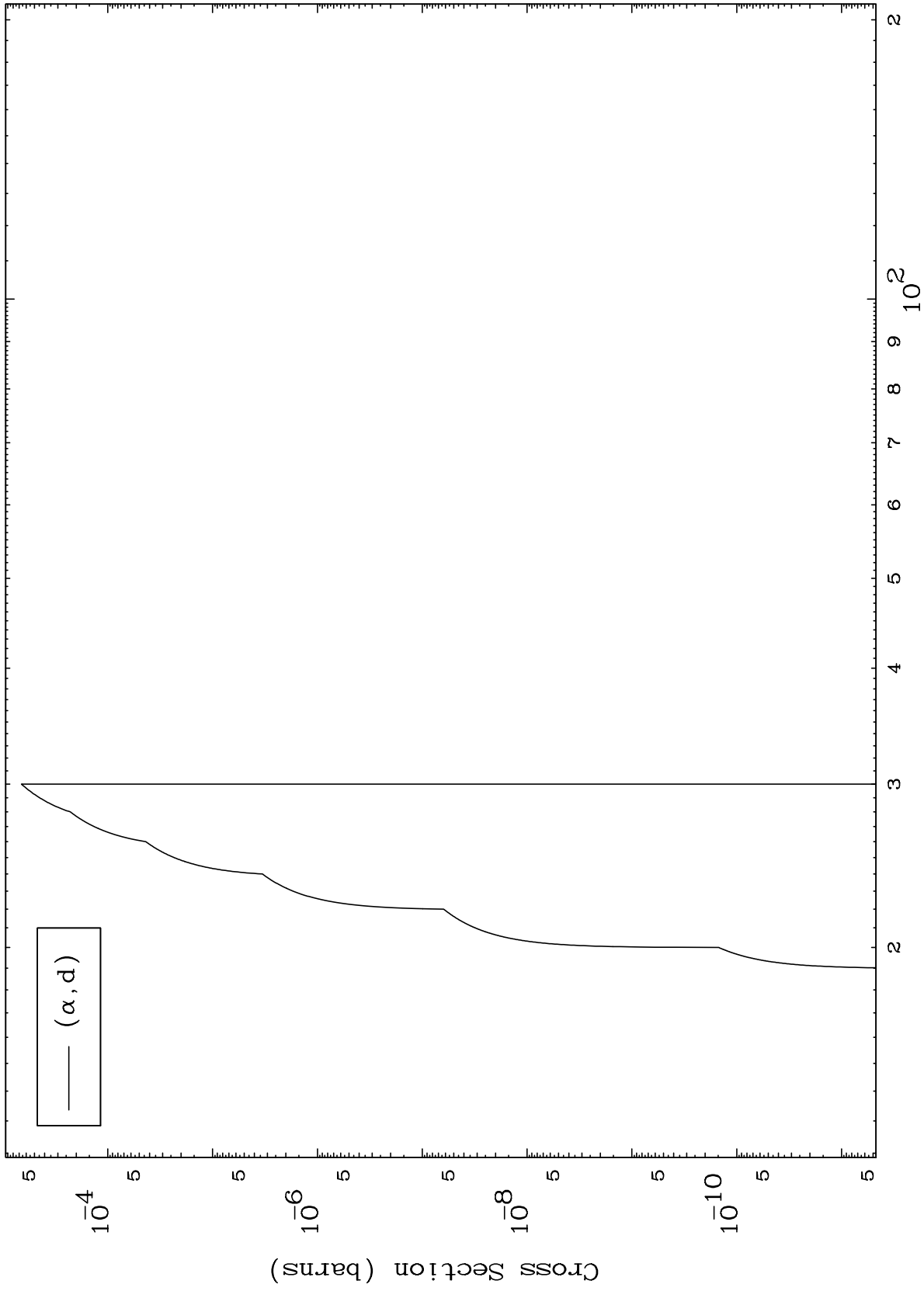
83-Bi-198

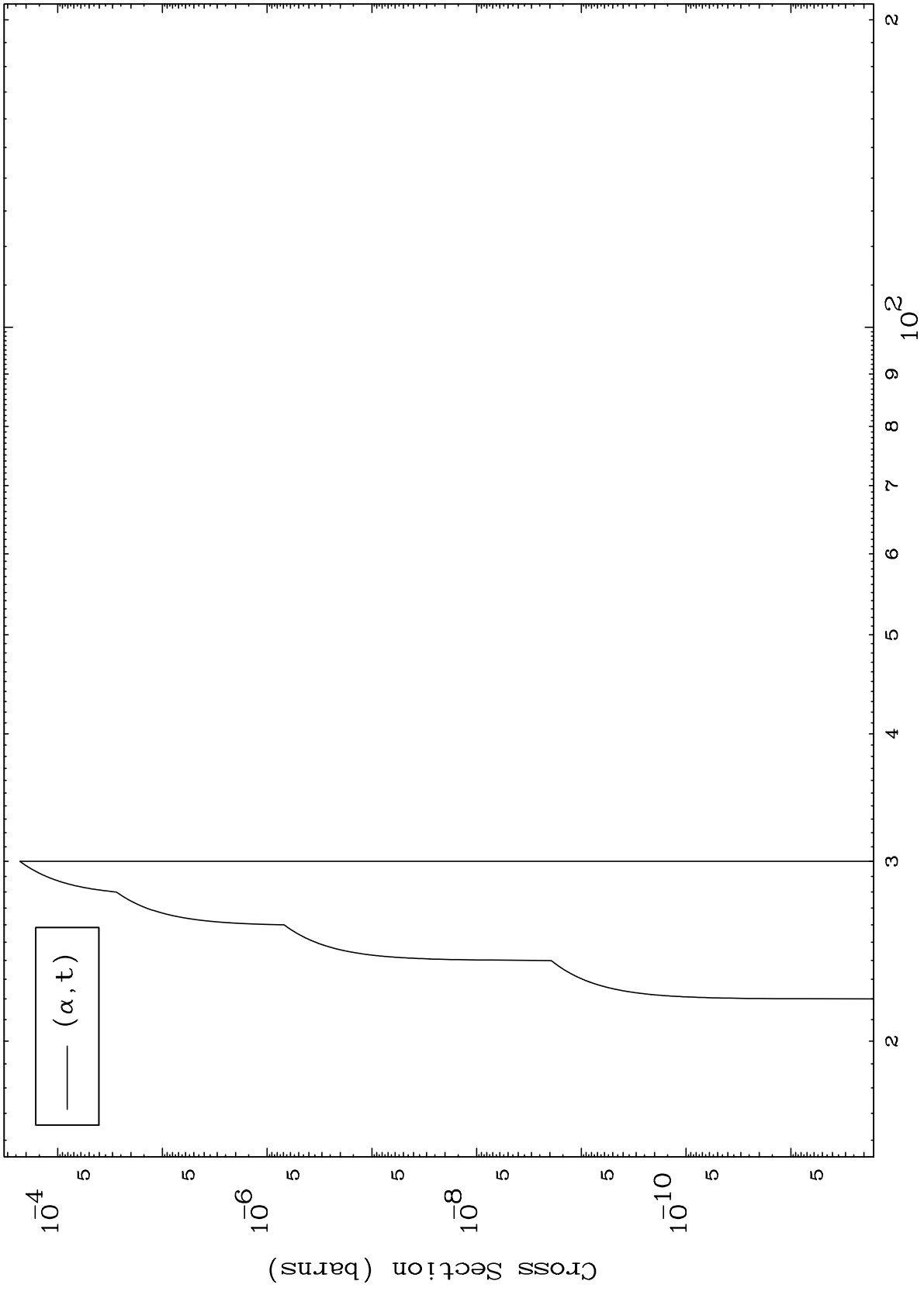


6

Incident Energy (MeV)

83-Bi-198

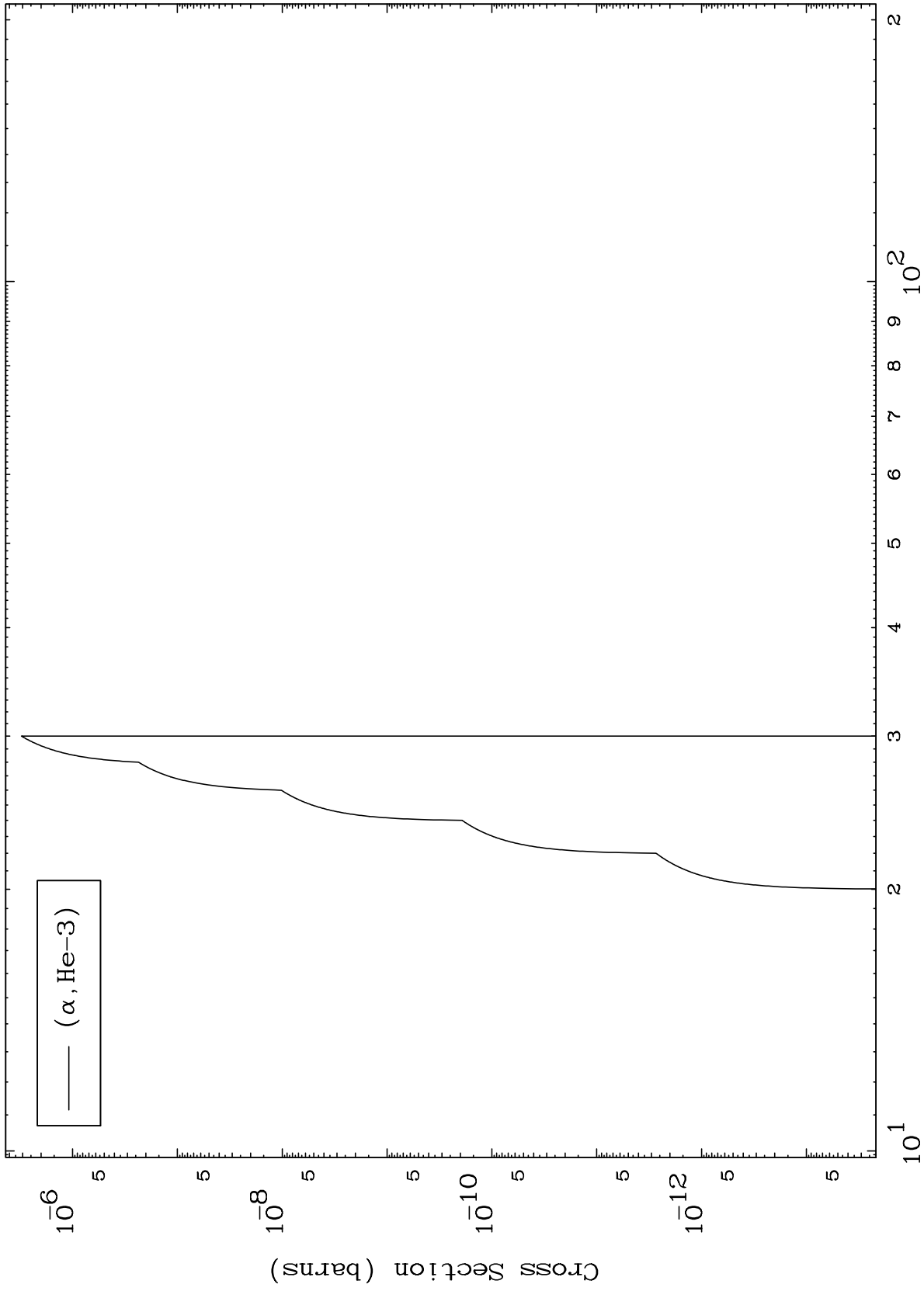




MAT 8294

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

83-Bi-198



9

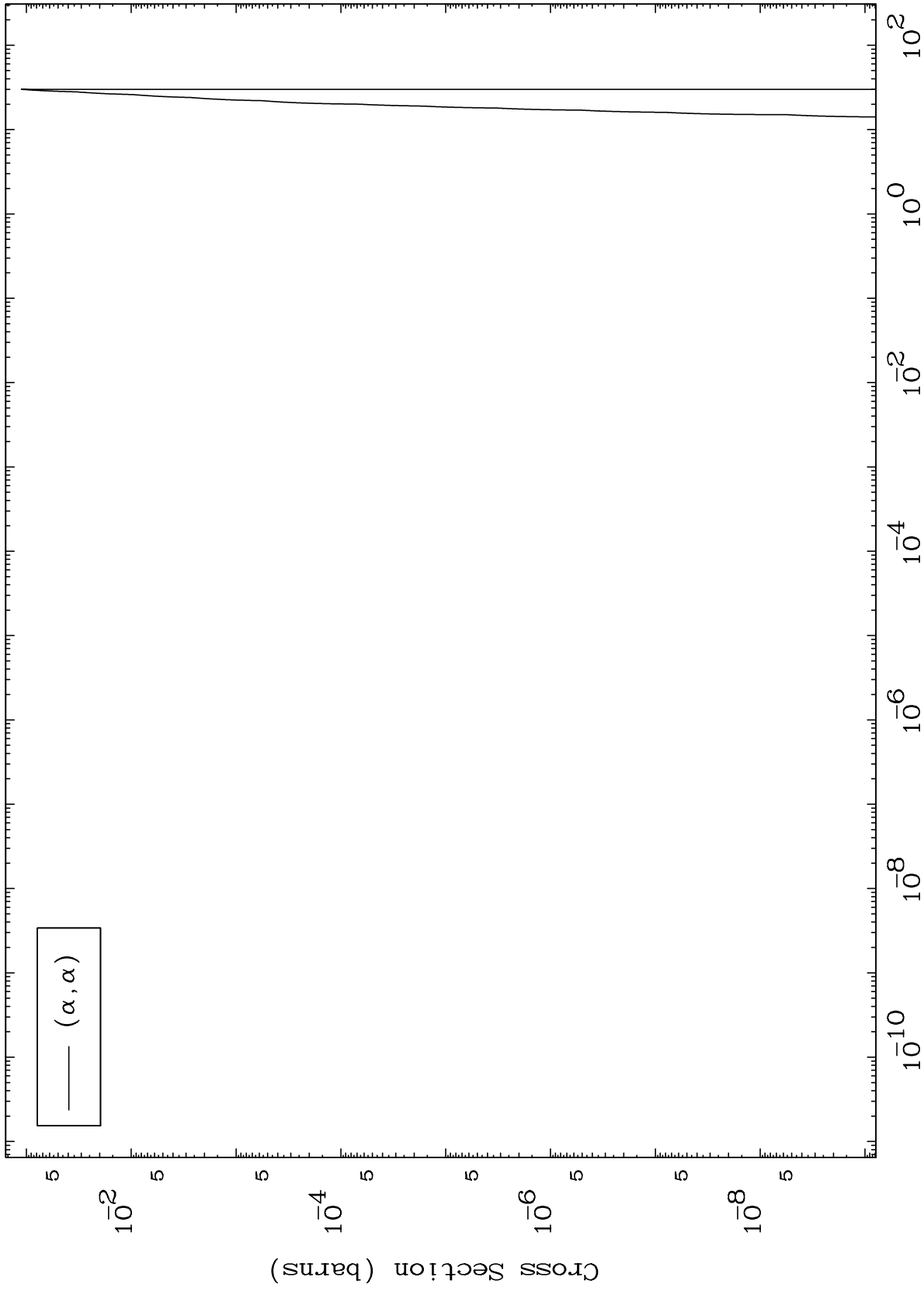
Incident Energy (MeV)

83-Bi-198

MAT 8294

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-198



10

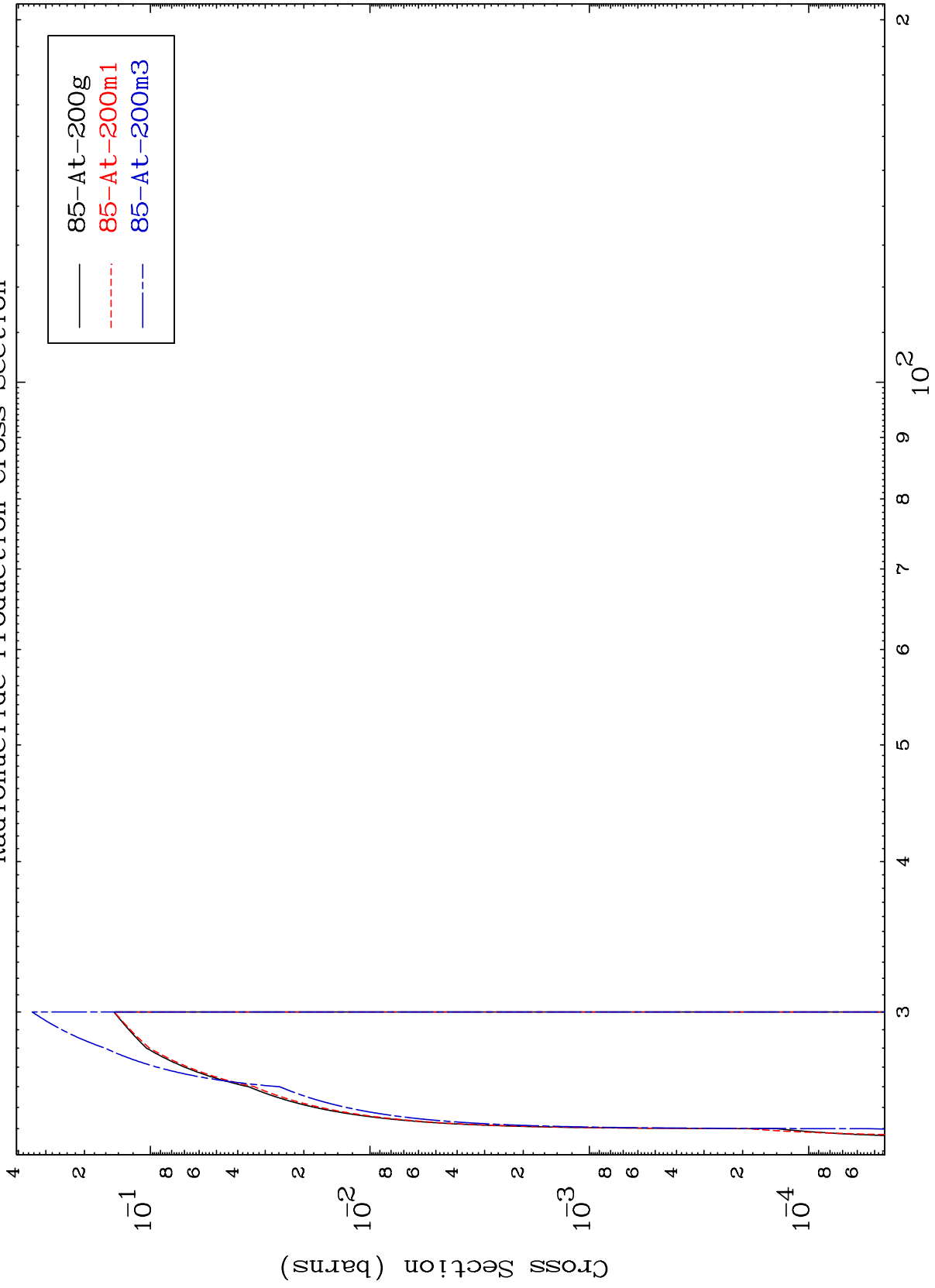
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

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



11

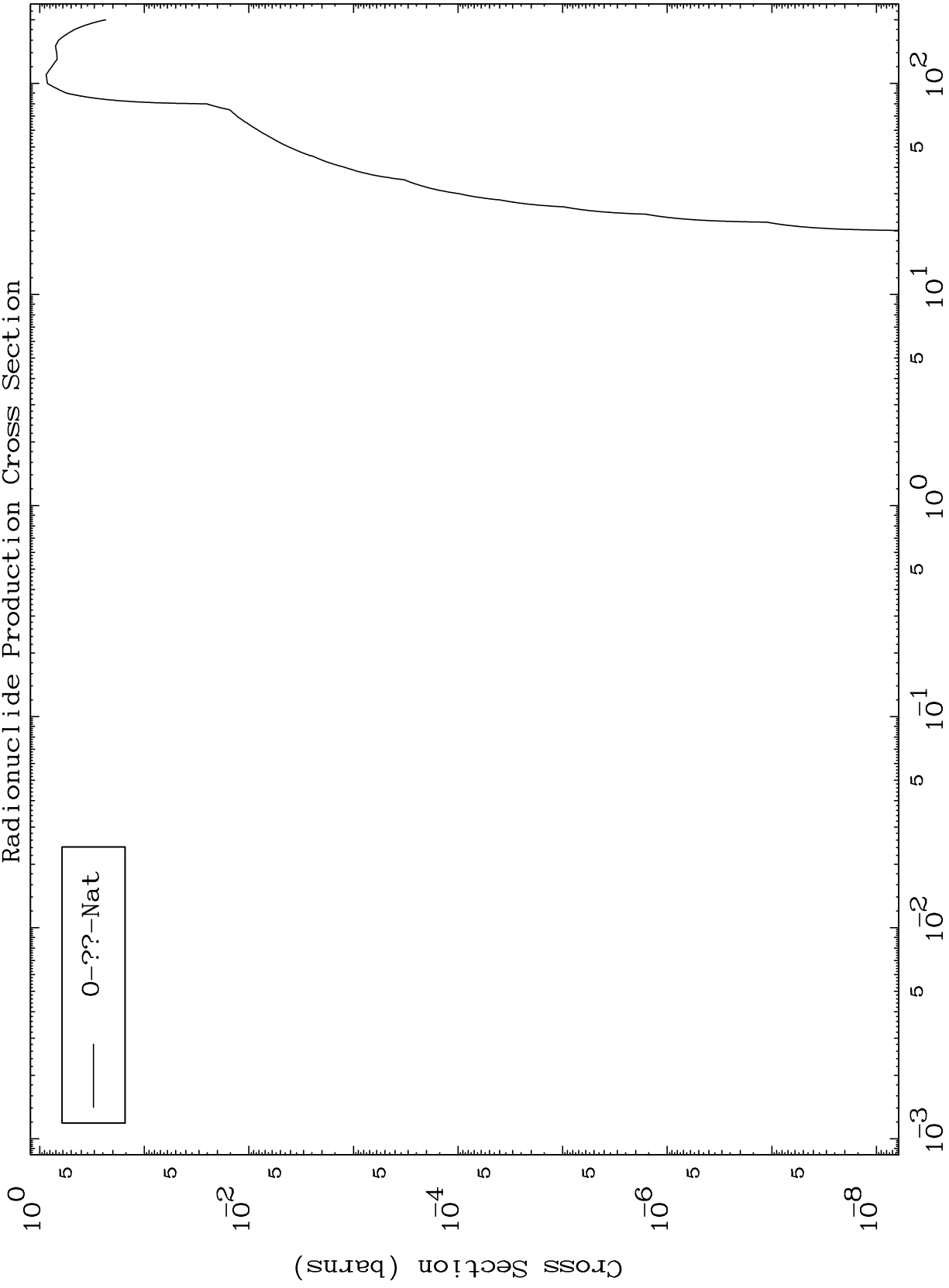
83-Bi-198

Incident Energy (MeV)

MAT 8294

α Fission
Radionuclide Production Cross Section

83-Bi-198



12

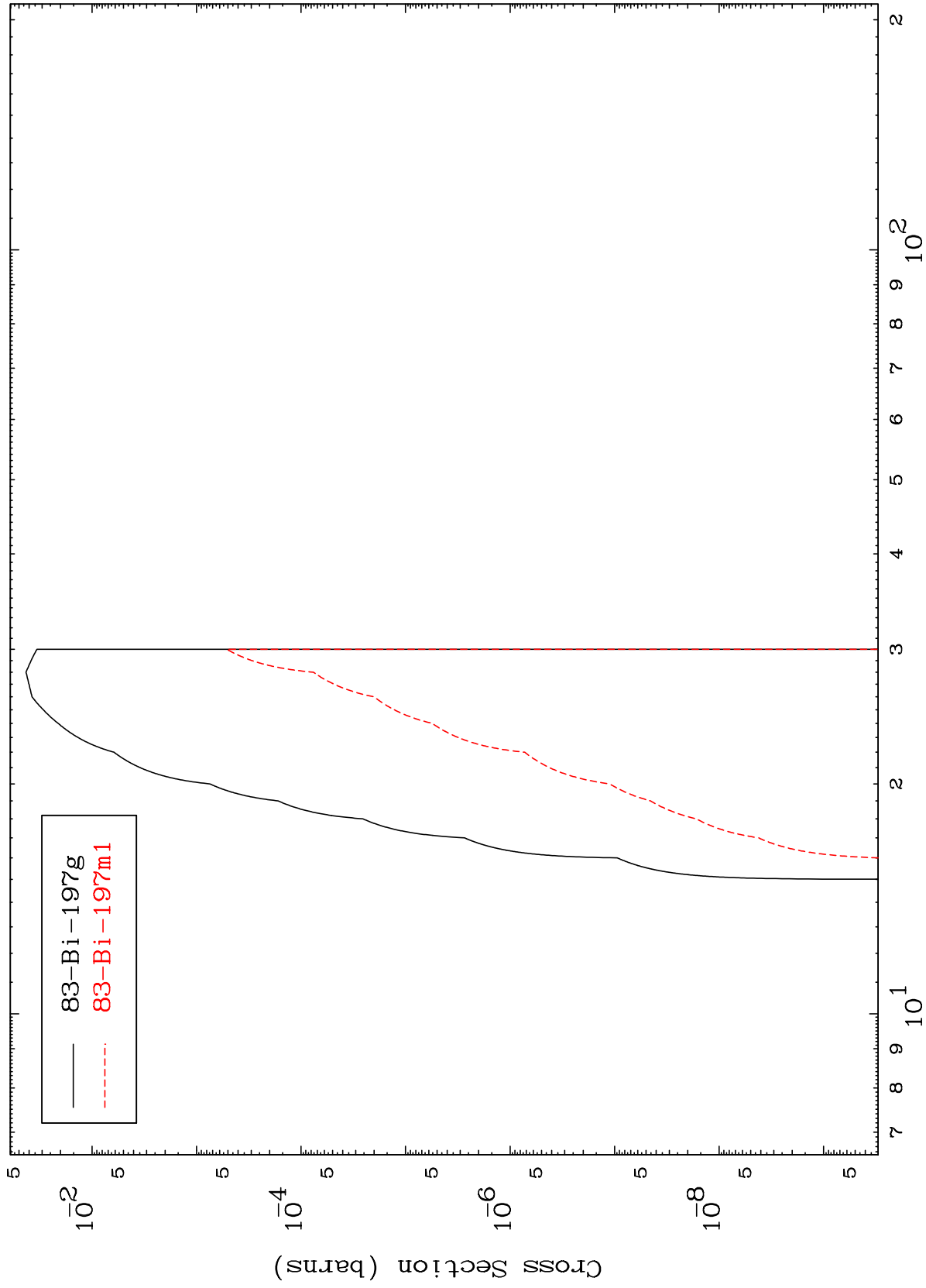
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

(α, n') α
Radionuclide Production Cross Section



13

83-Bi-198

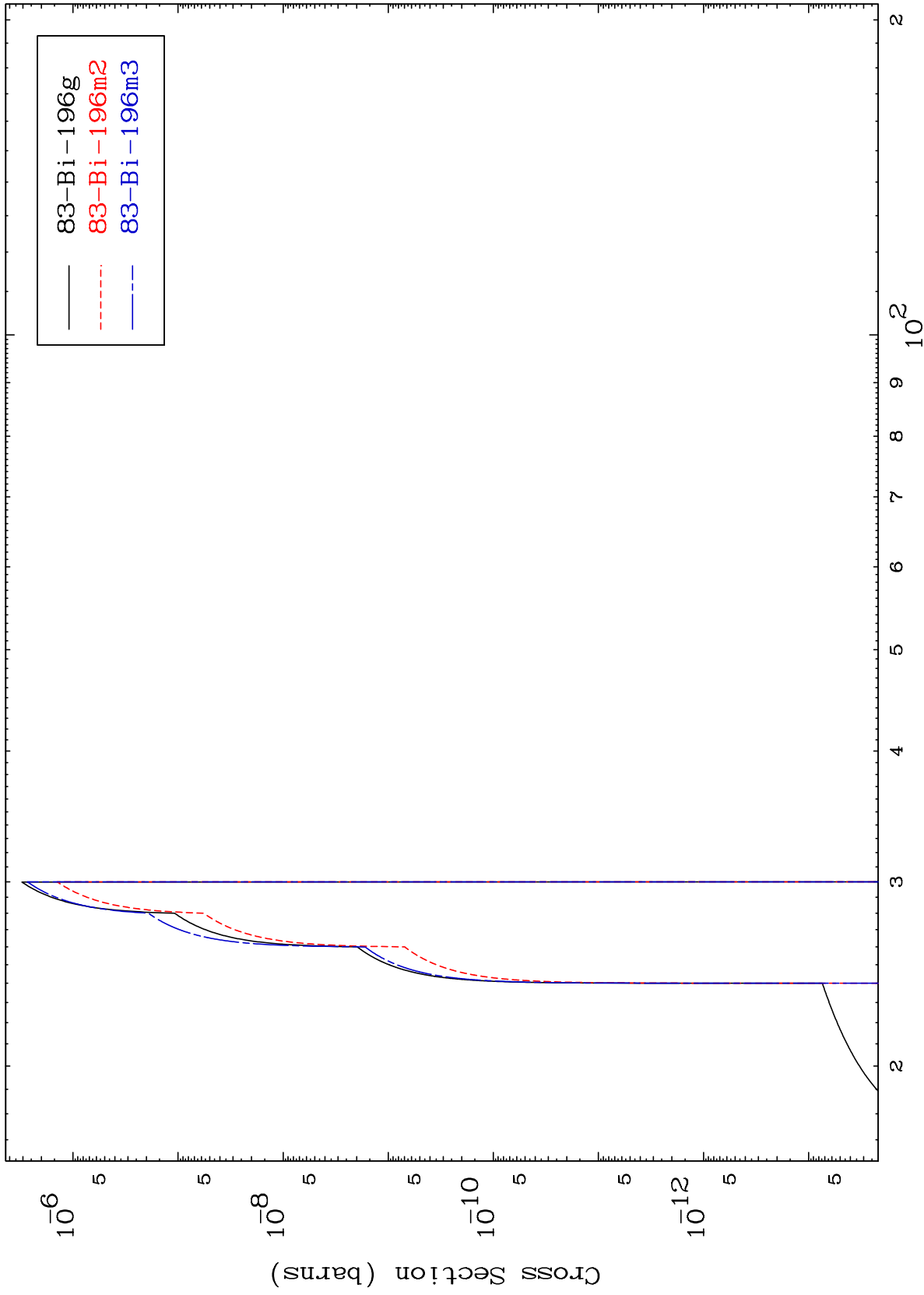
Incident Energy (MeV)

MAT 8294

$(\alpha, 2n) \alpha$

83-Bi-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

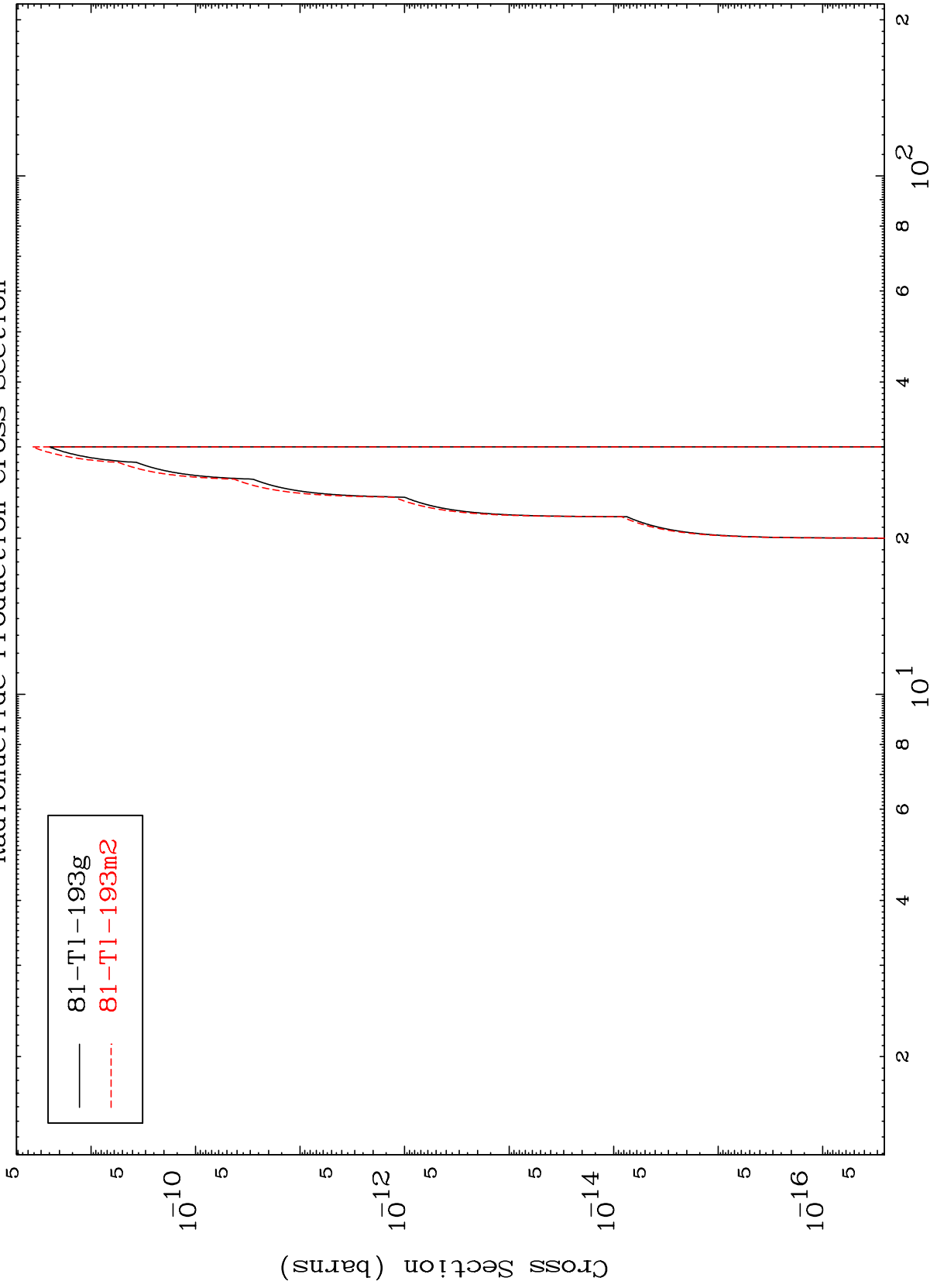
83-Bi-198

MAT 8294

(α, n') 2α

83-Bi-198

Radionuclide Production Cross Section

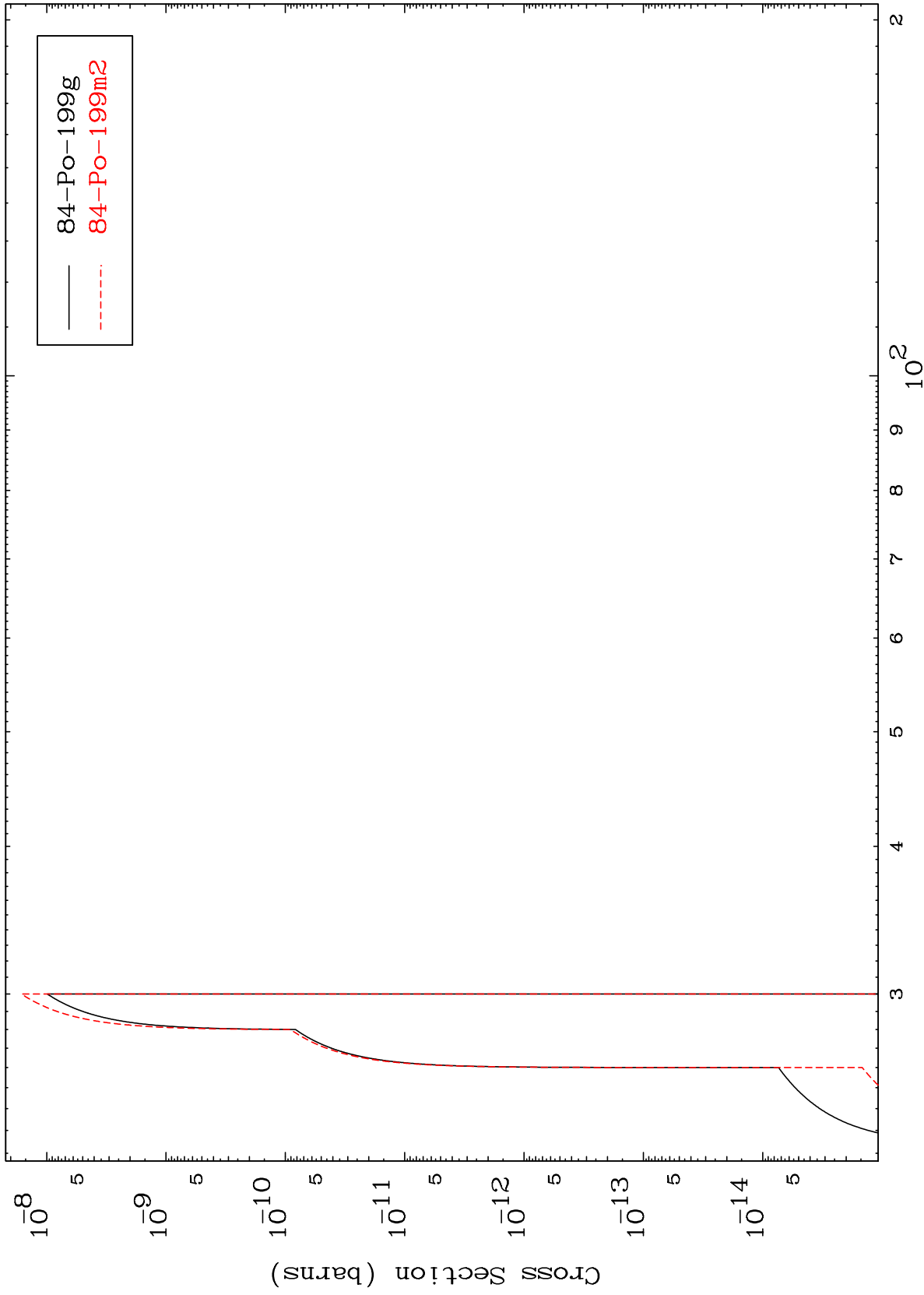


15

Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section

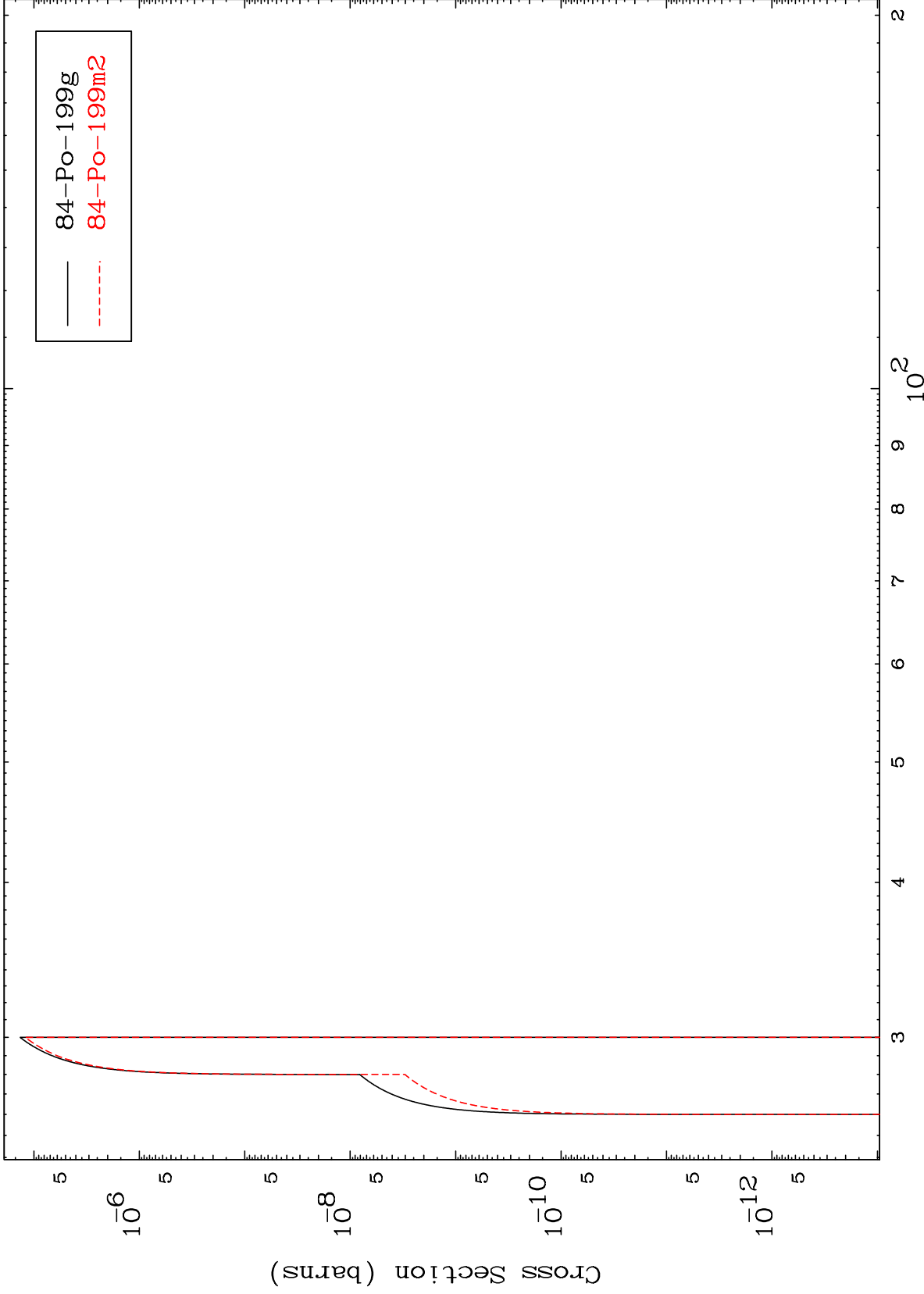


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$(\alpha, 2n)$ p

83-Bi-198

Radionuclide Production Cross Section



17

Incident Energy (MeV)

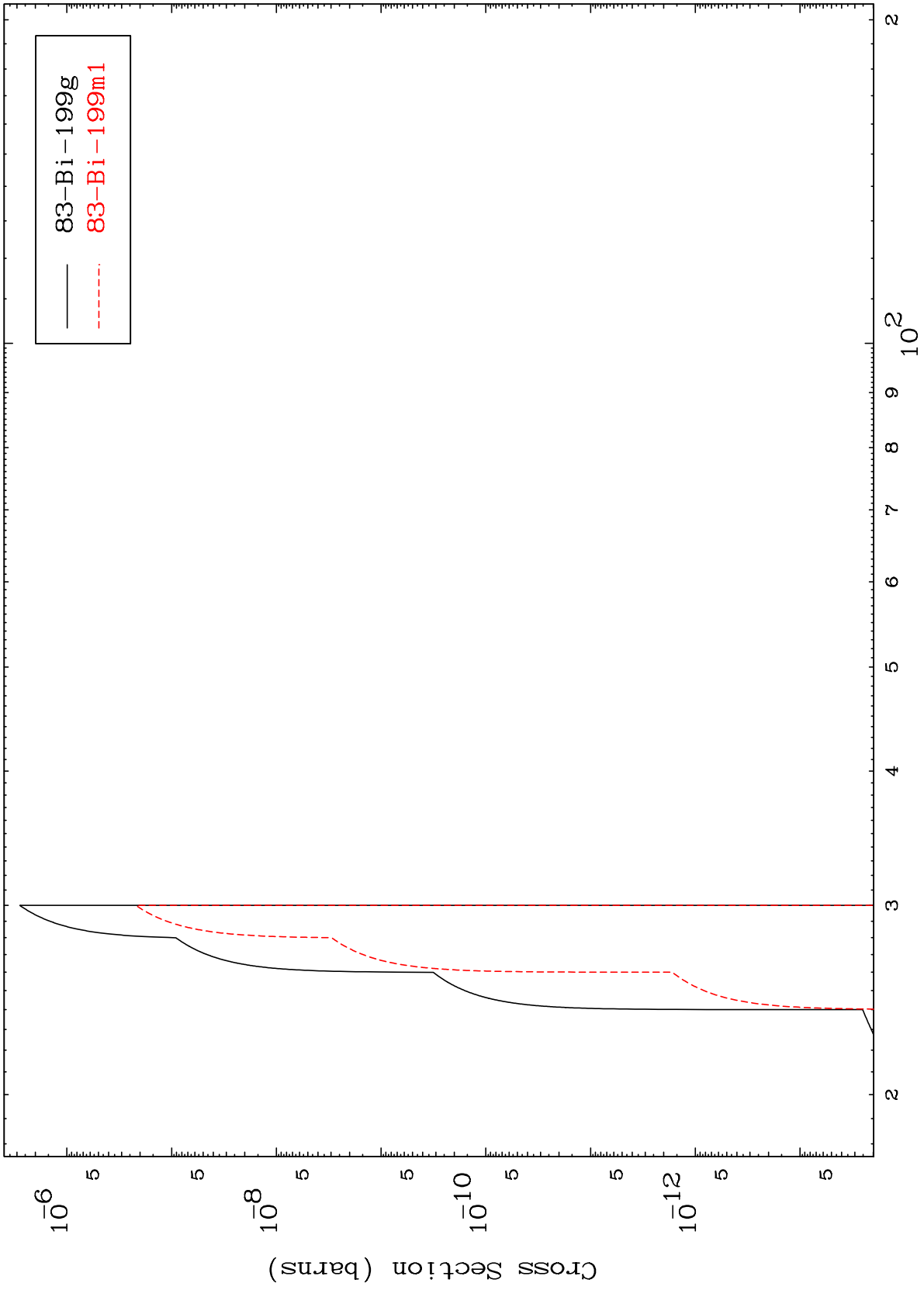
83-Bi-198

MAT 8294

$(\alpha, 2n)$ p

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

Radionuclide Production Cross Section



18

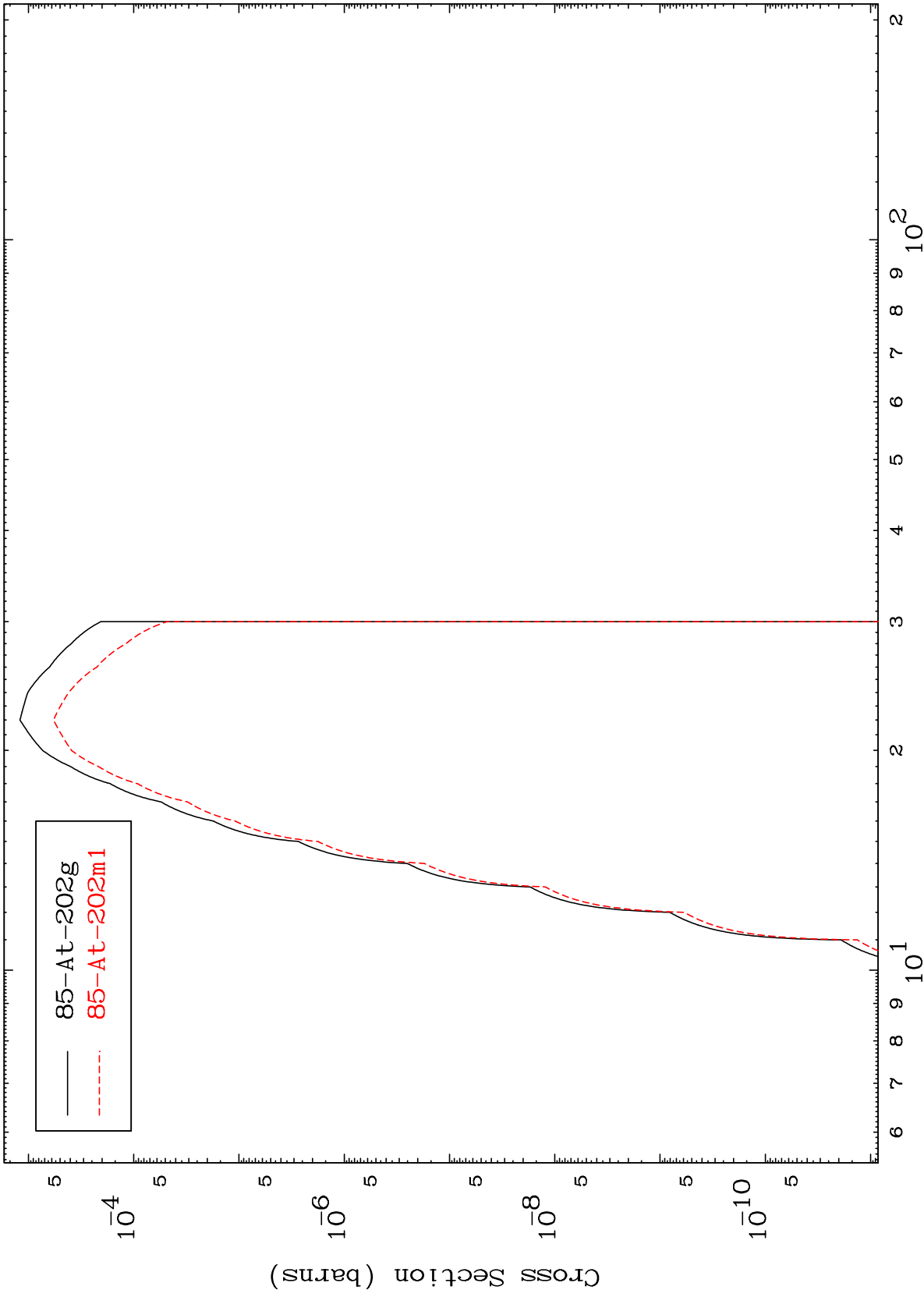
Incident Energy (MeV)

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

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83-Bi-198

Radionuclide Production Cross Section
(α, γ)



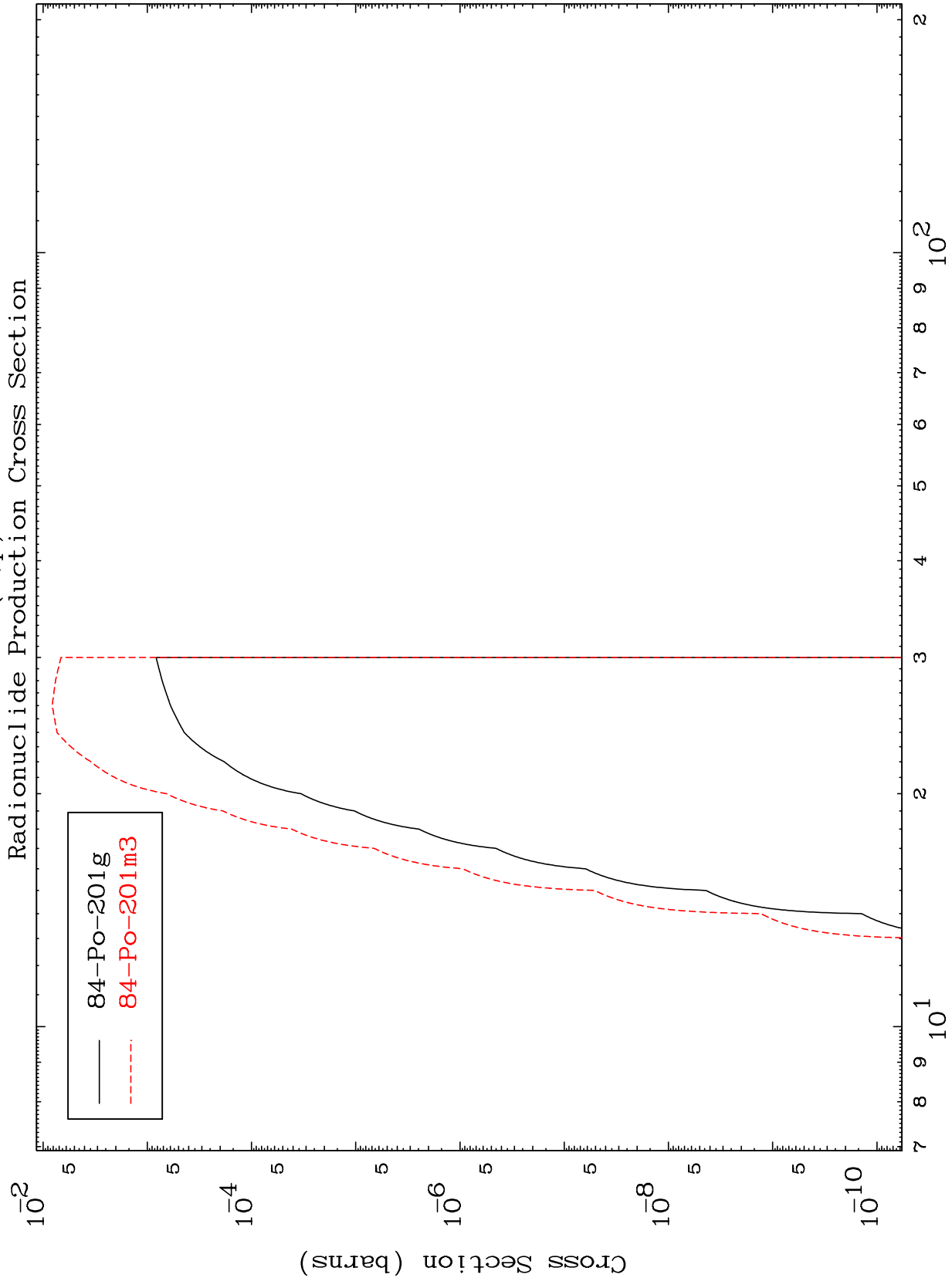
19

Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198



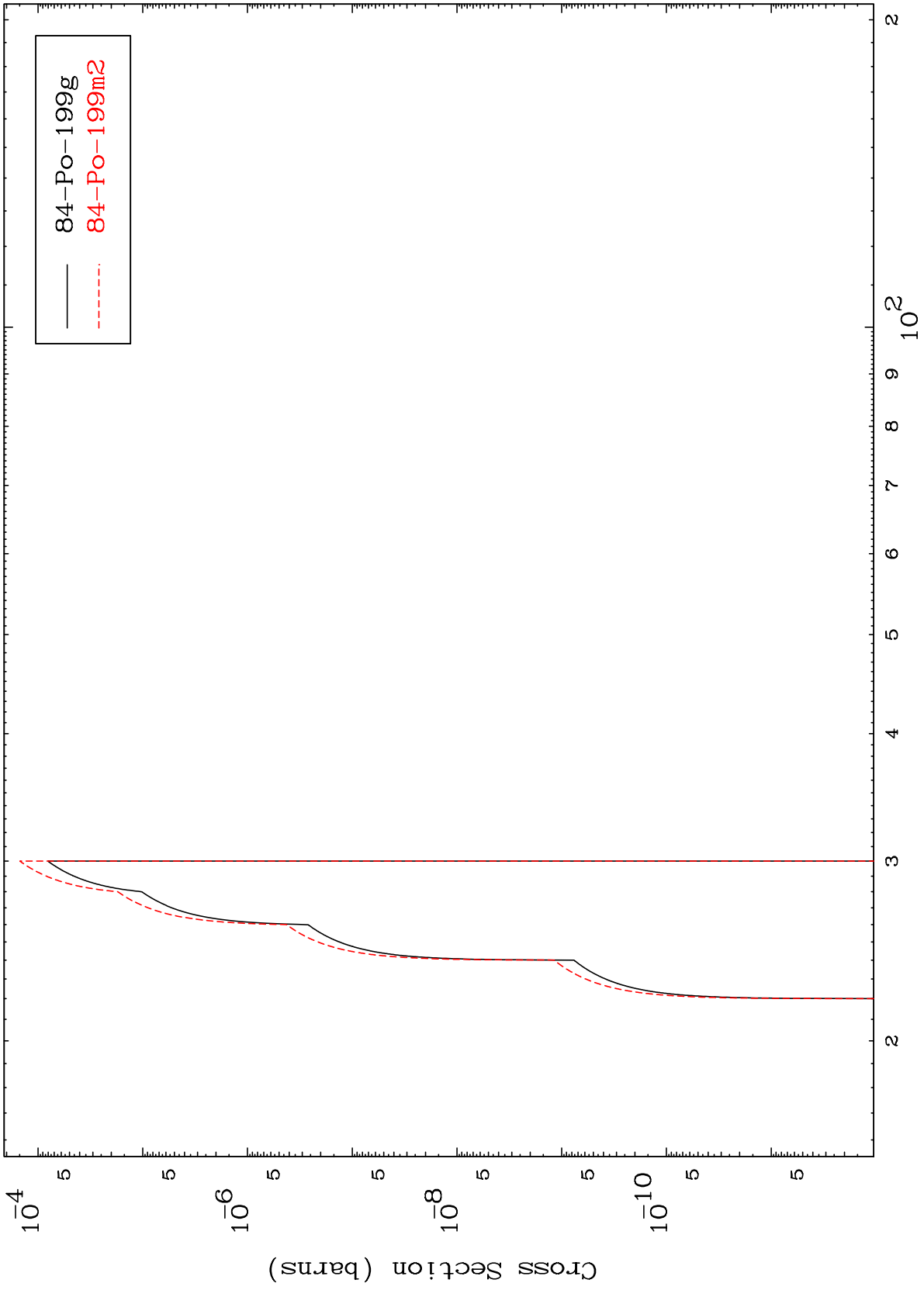
20

83-Bi-198

MAT 8294

83-Bi-198

(α, t)
Radionuclide Production Cross Section



21

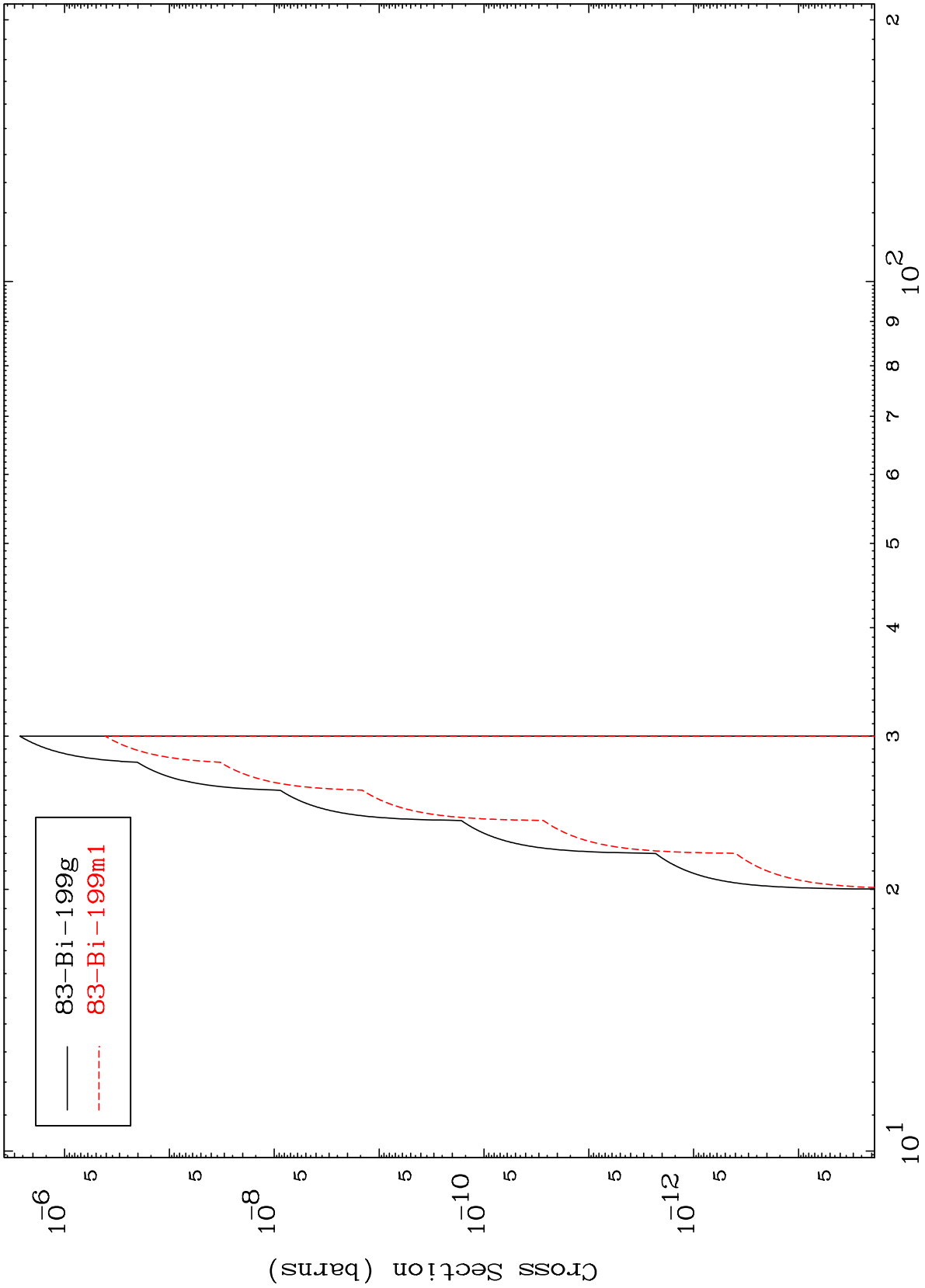
83-Bi-198

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

83-Bi-198

Radionuclide Production Cross Section



22

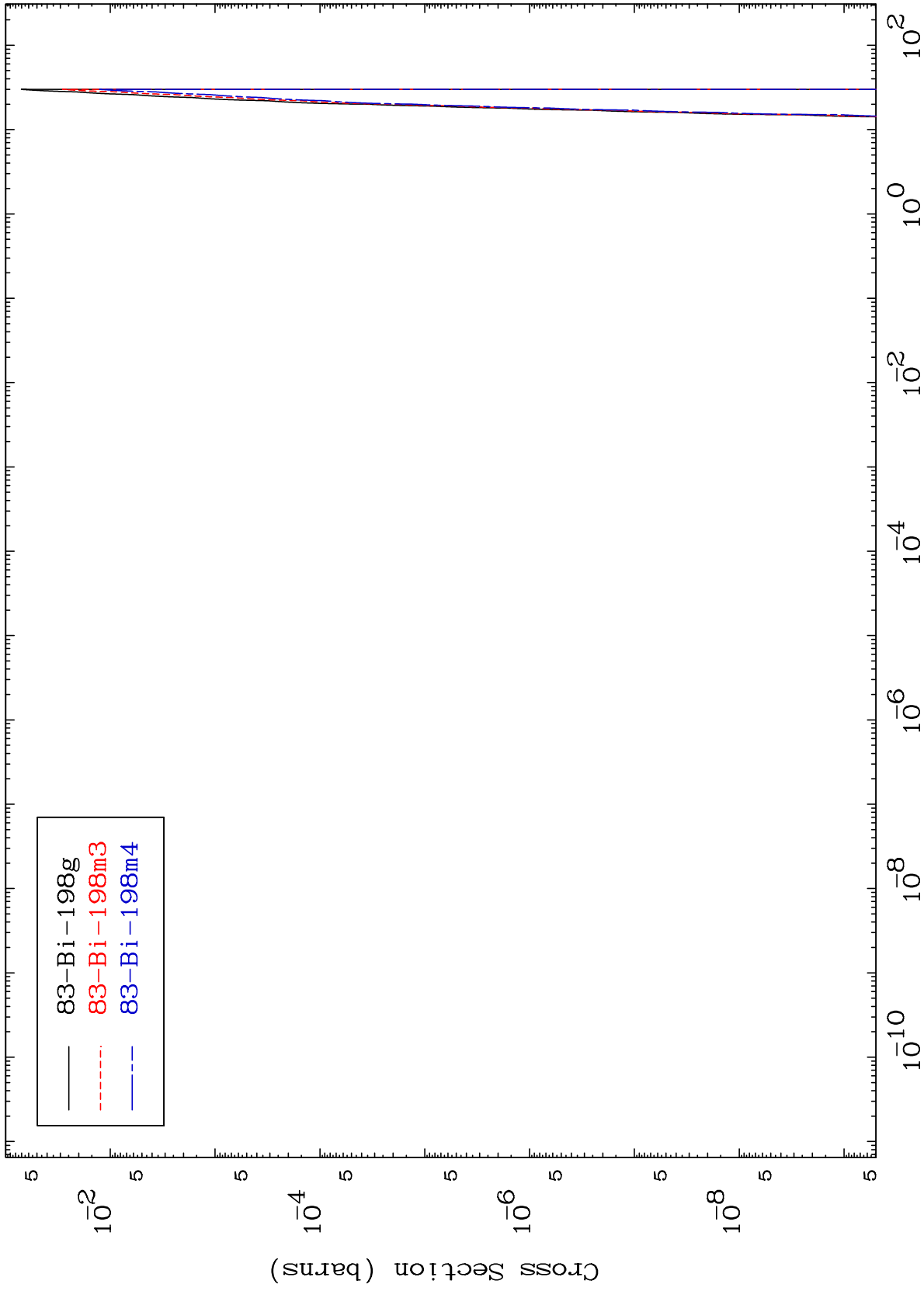
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

(α, α)
Radionuclide Production Cross Section



23

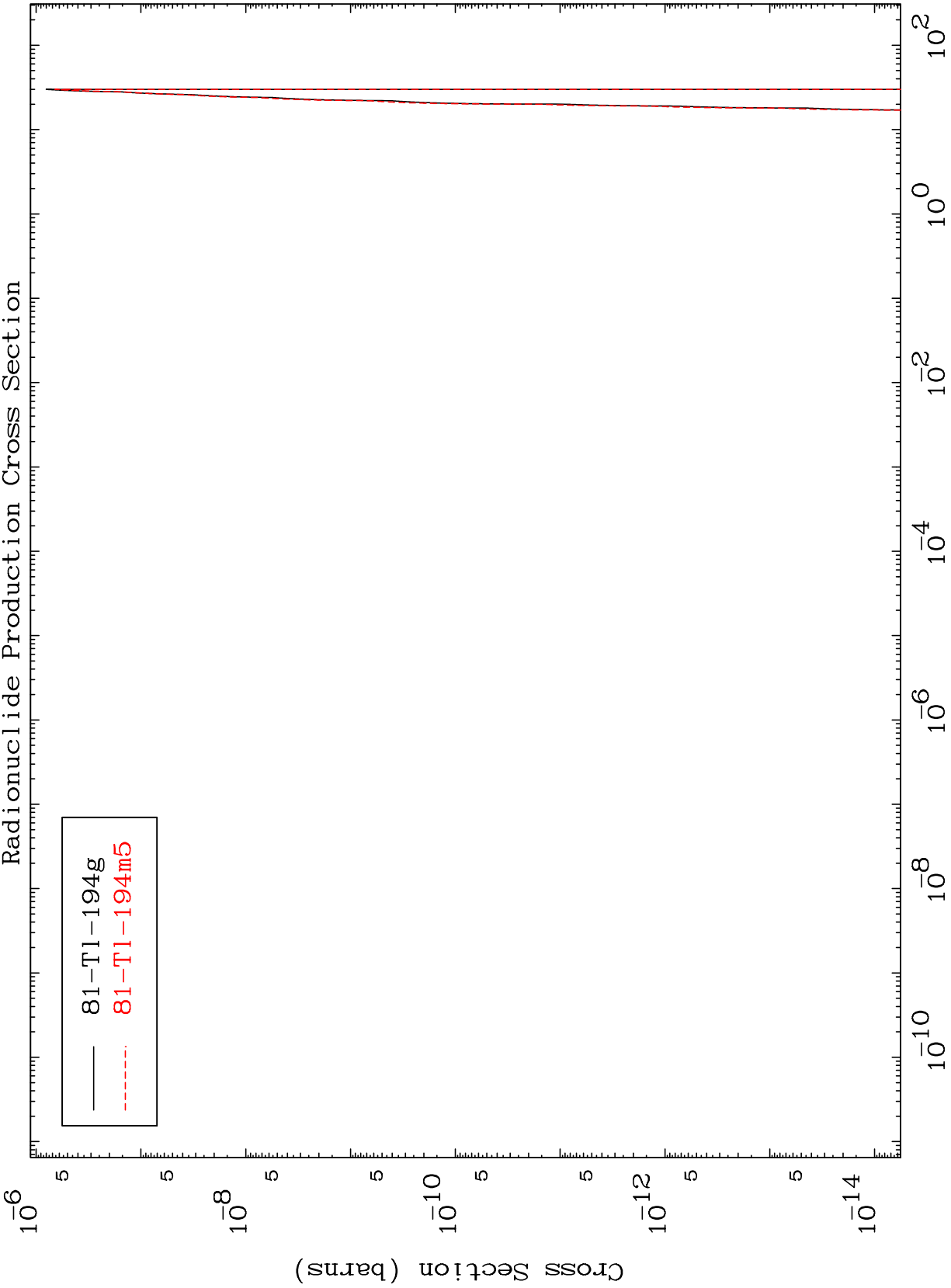
83-Bi-198

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($\alpha, 2\alpha$)

83-Bi-198

Radionuclide Production Cross Section



24

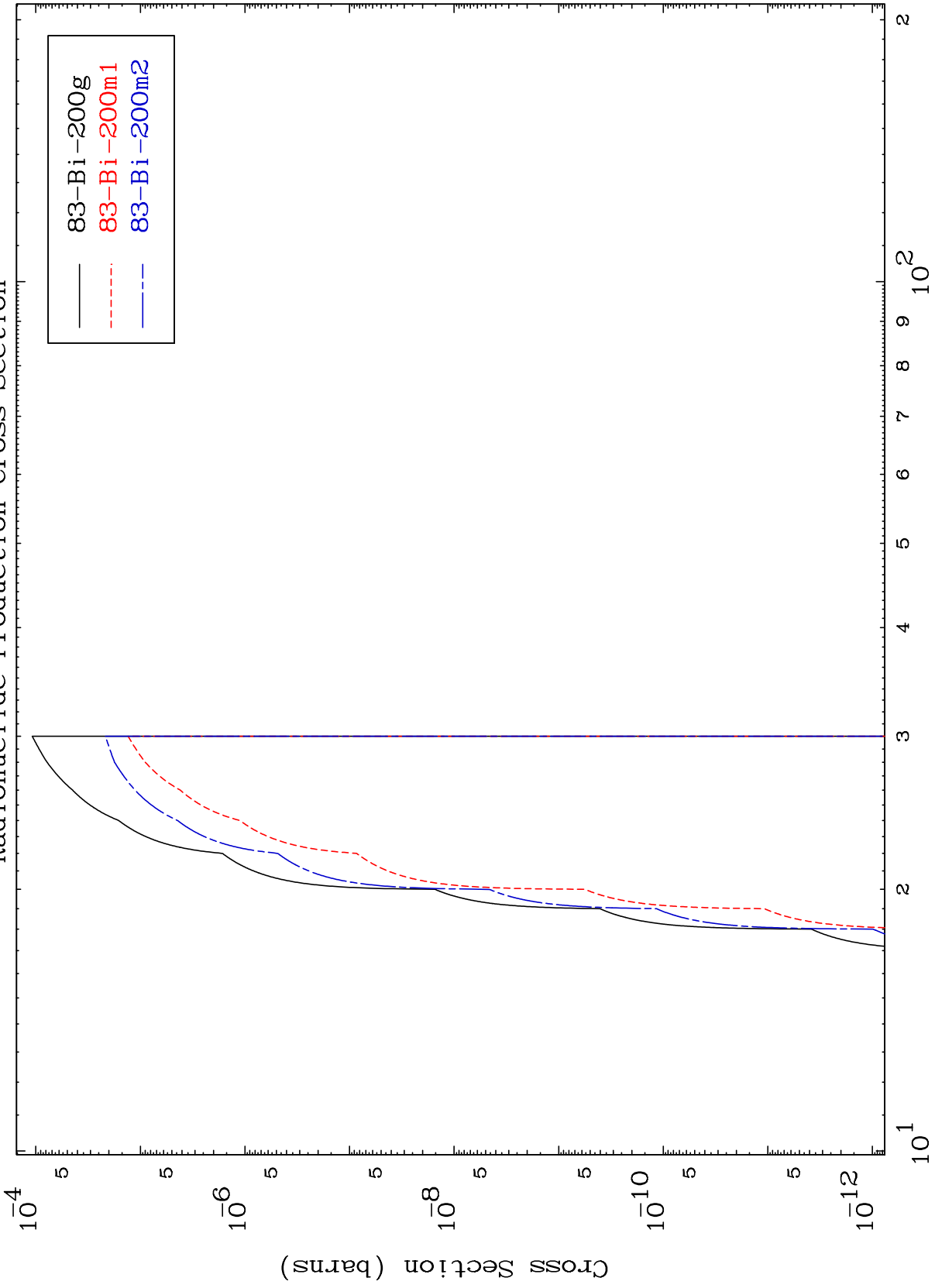
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

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



25

Incident Energy (MeV)

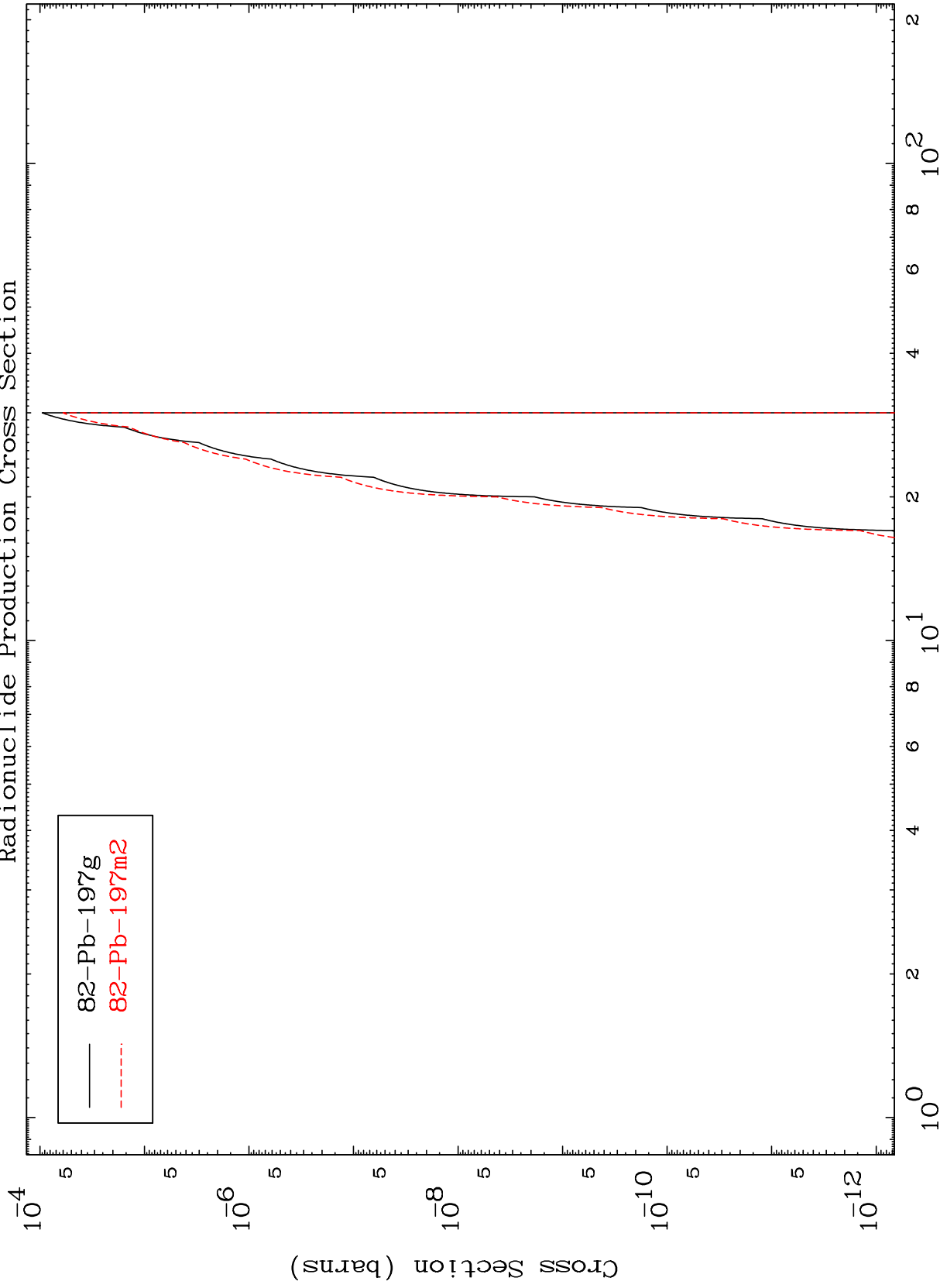
83-Bi-198

MAT 8294

(α, p) α

83-Bi-198

Radionuclide Production Cross Section



26

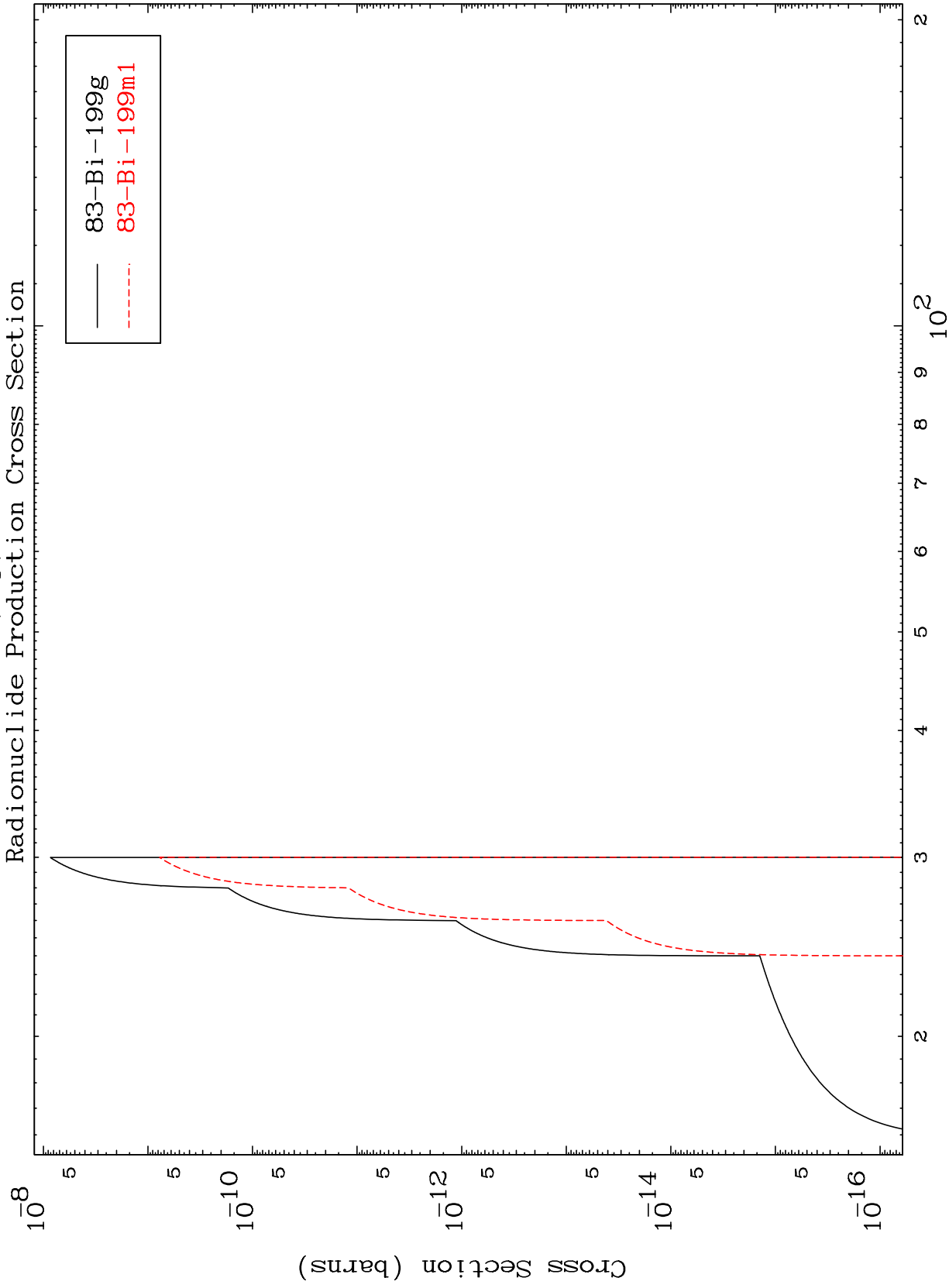
Incident Energy (MeV)

83-Bi-198

MAT 8294

(α, p) d

83-Bi-198



27

Incident Energy (MeV)

83-Bi-198