

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

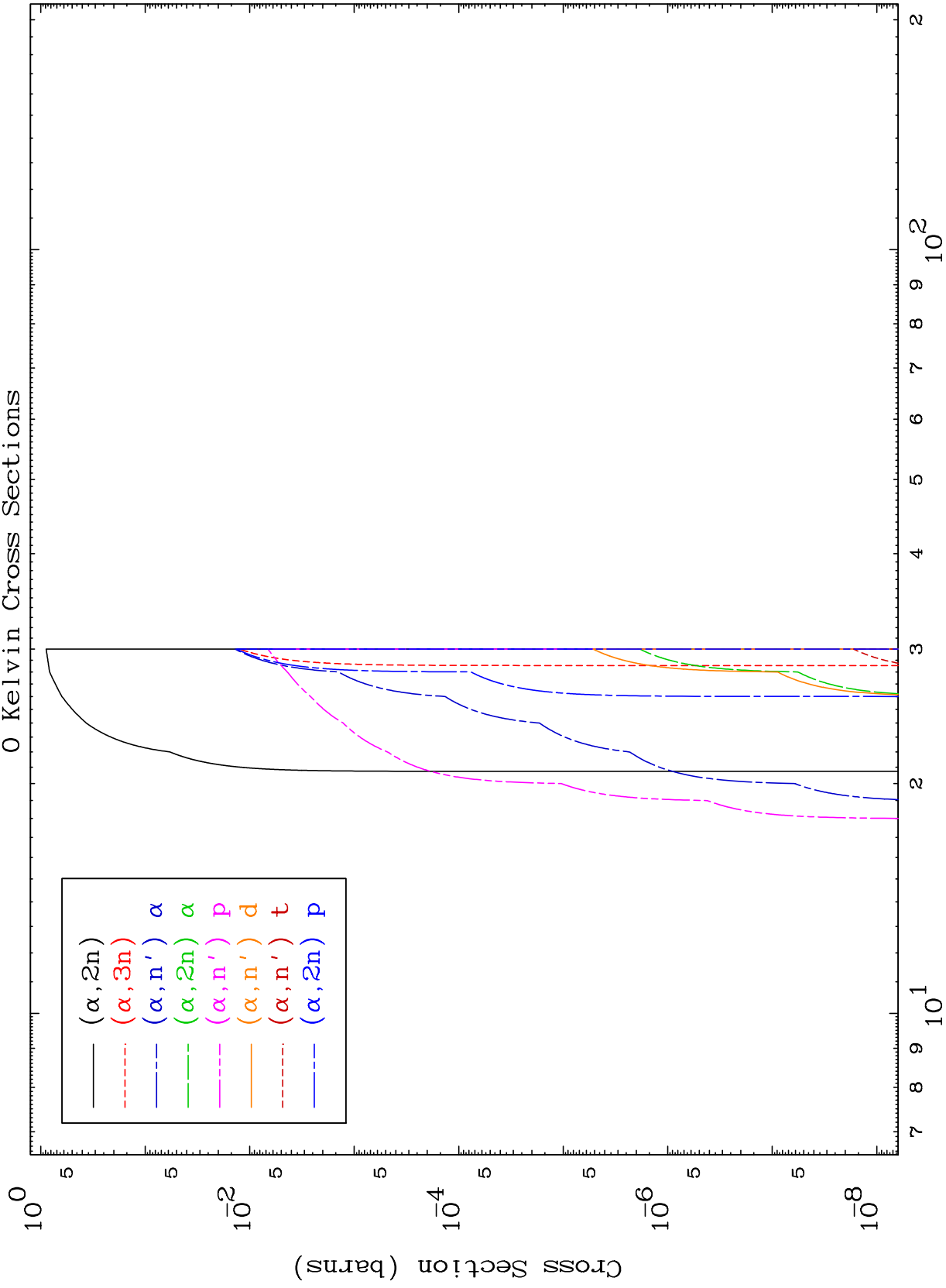
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8111

α Neutron Production
0 Kelvin Cross Sections

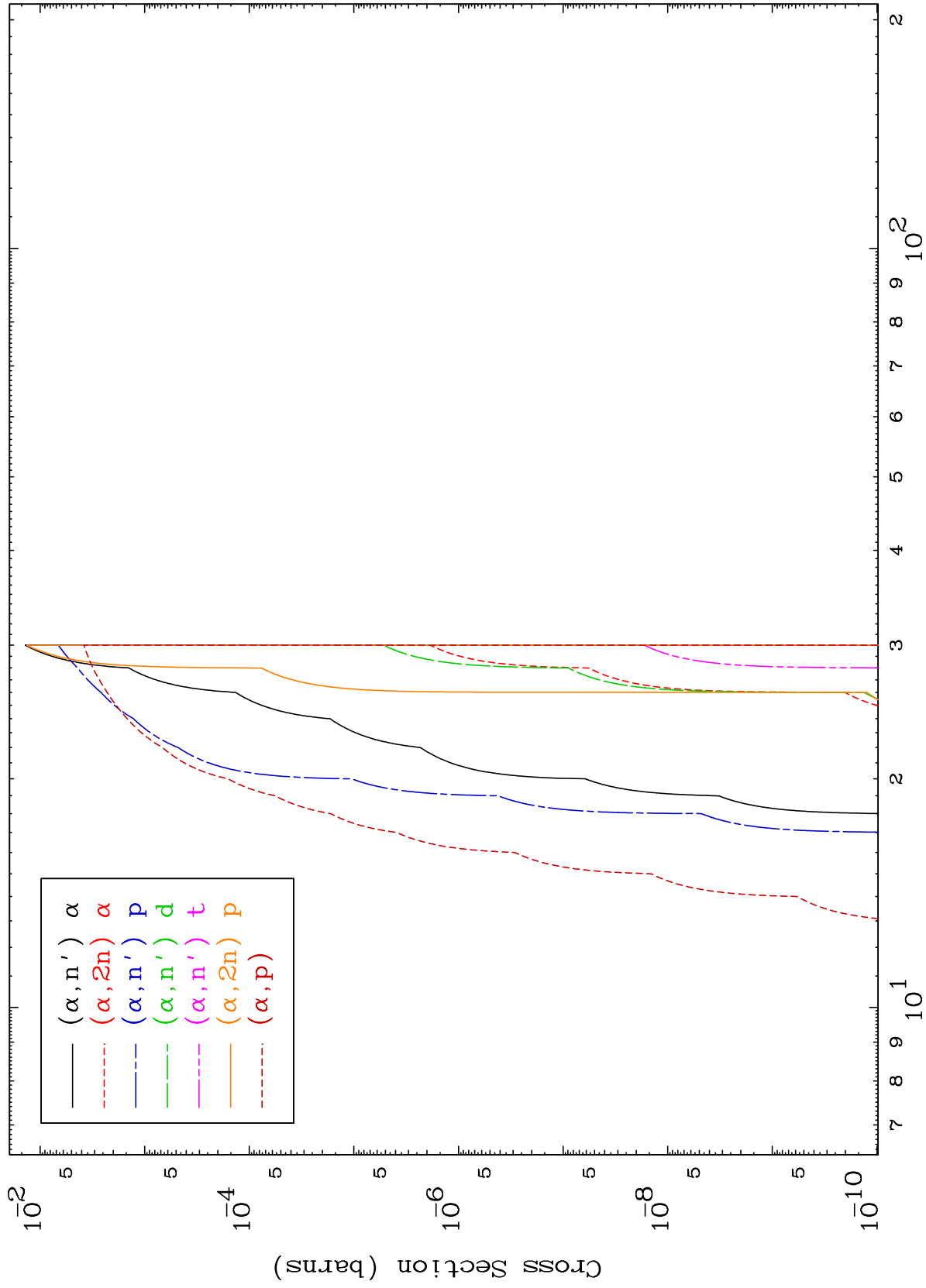
81-T1-198



2

Incident Energy (MeV)

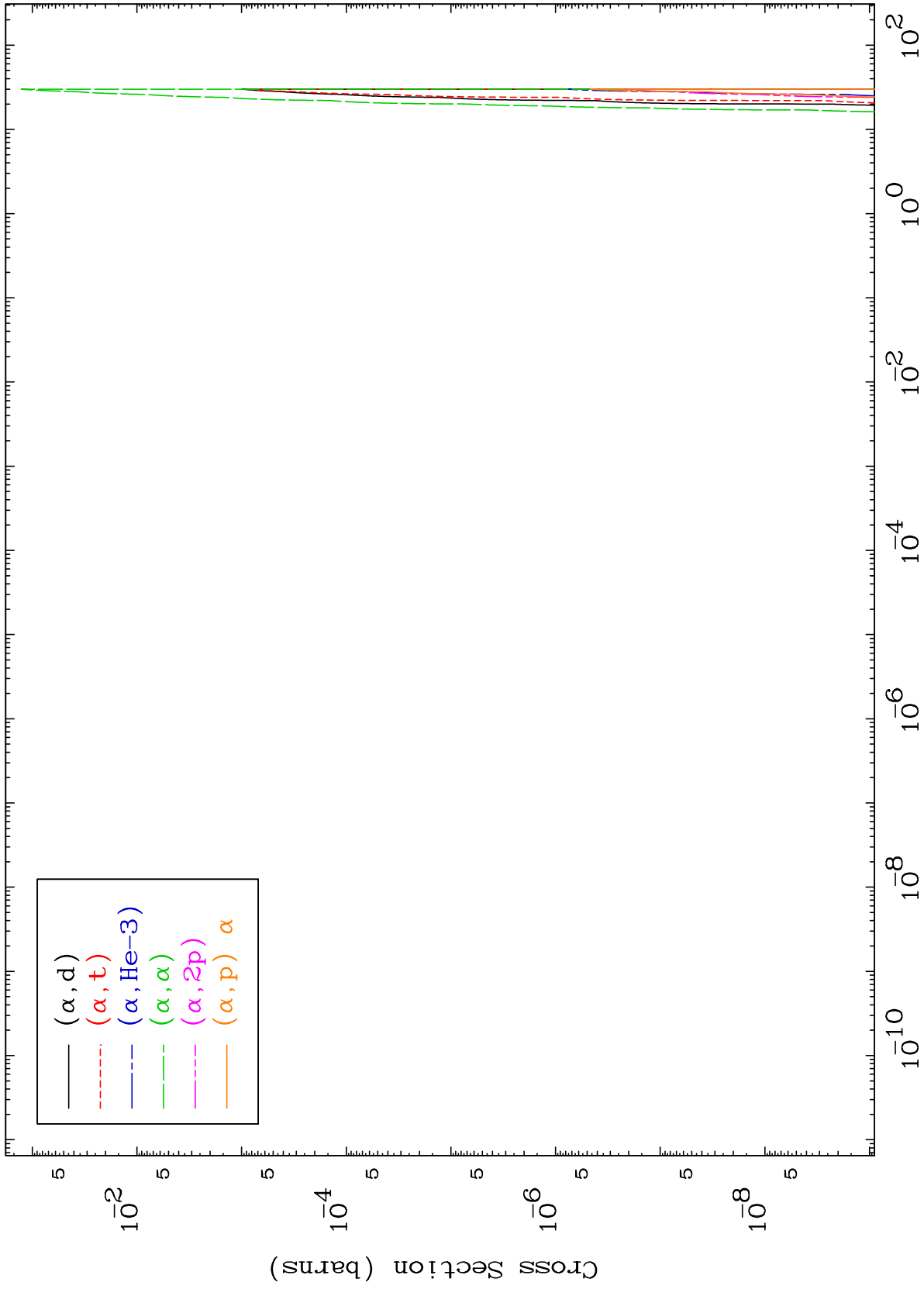
81-T1-198

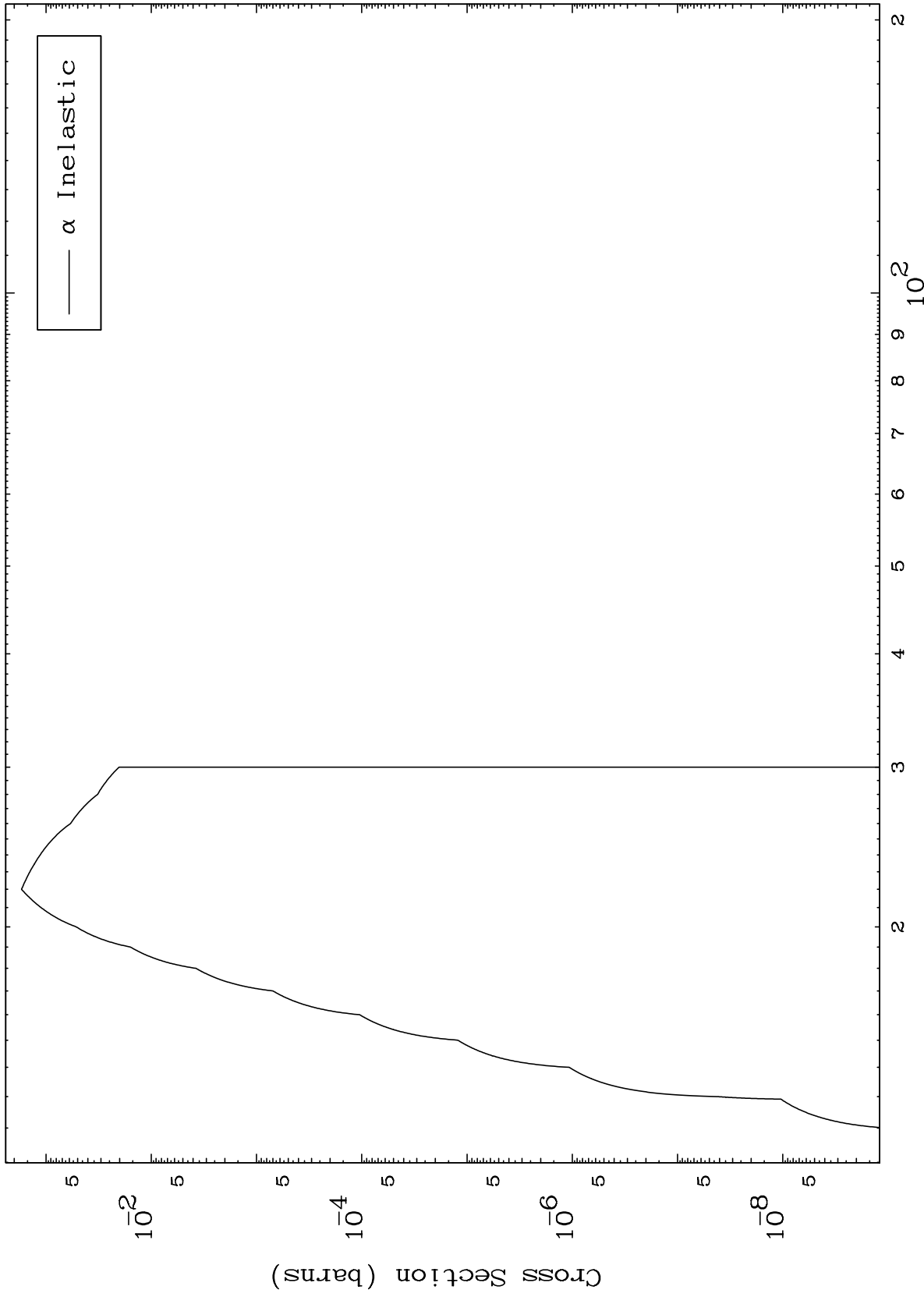


MAT 8111

α Charged Particle
0 Kelvin Cross Sections

81-Tl-198

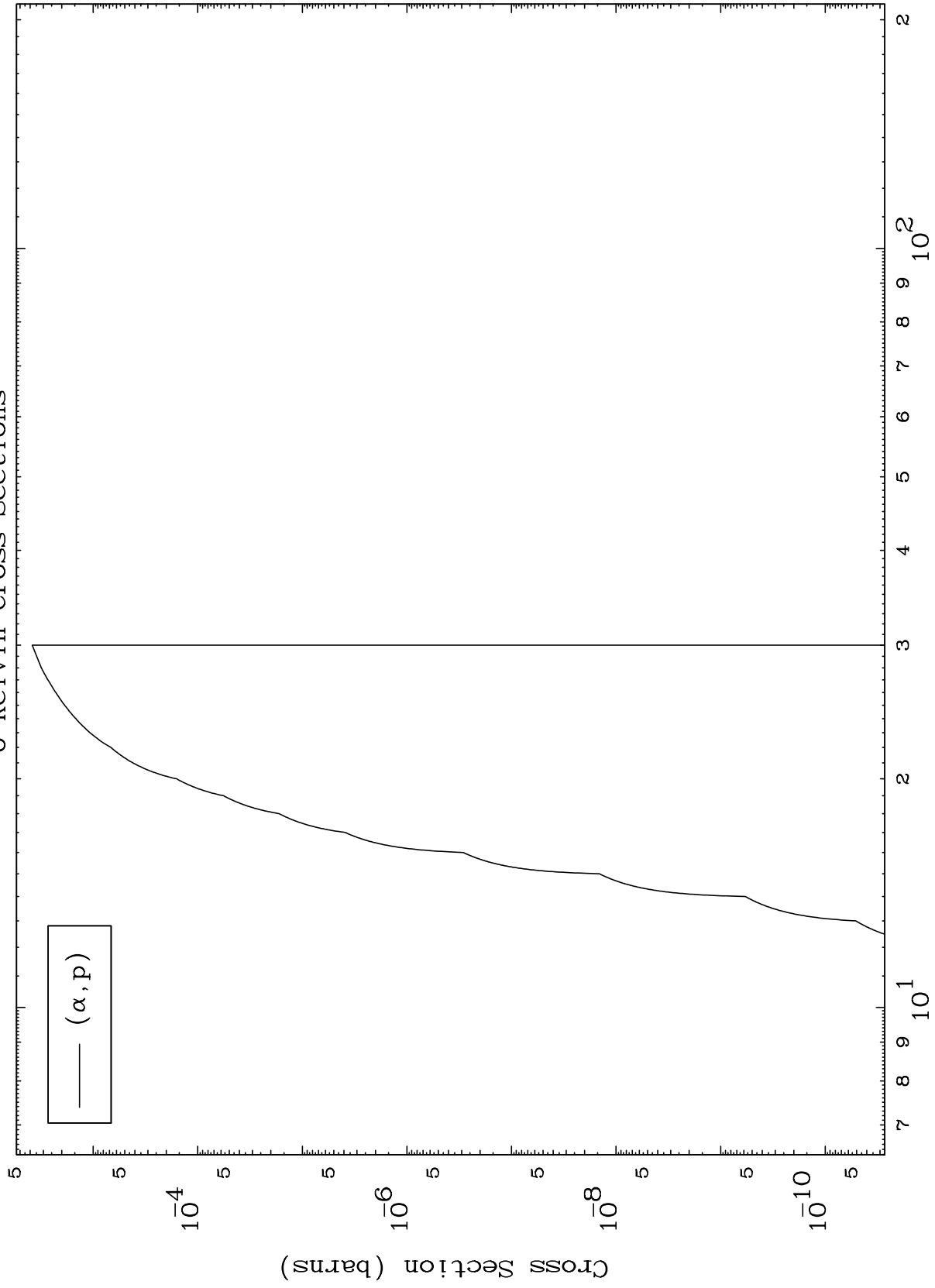




MAT 8111

(α, p) Levels
0 Kelvin Cross Sections

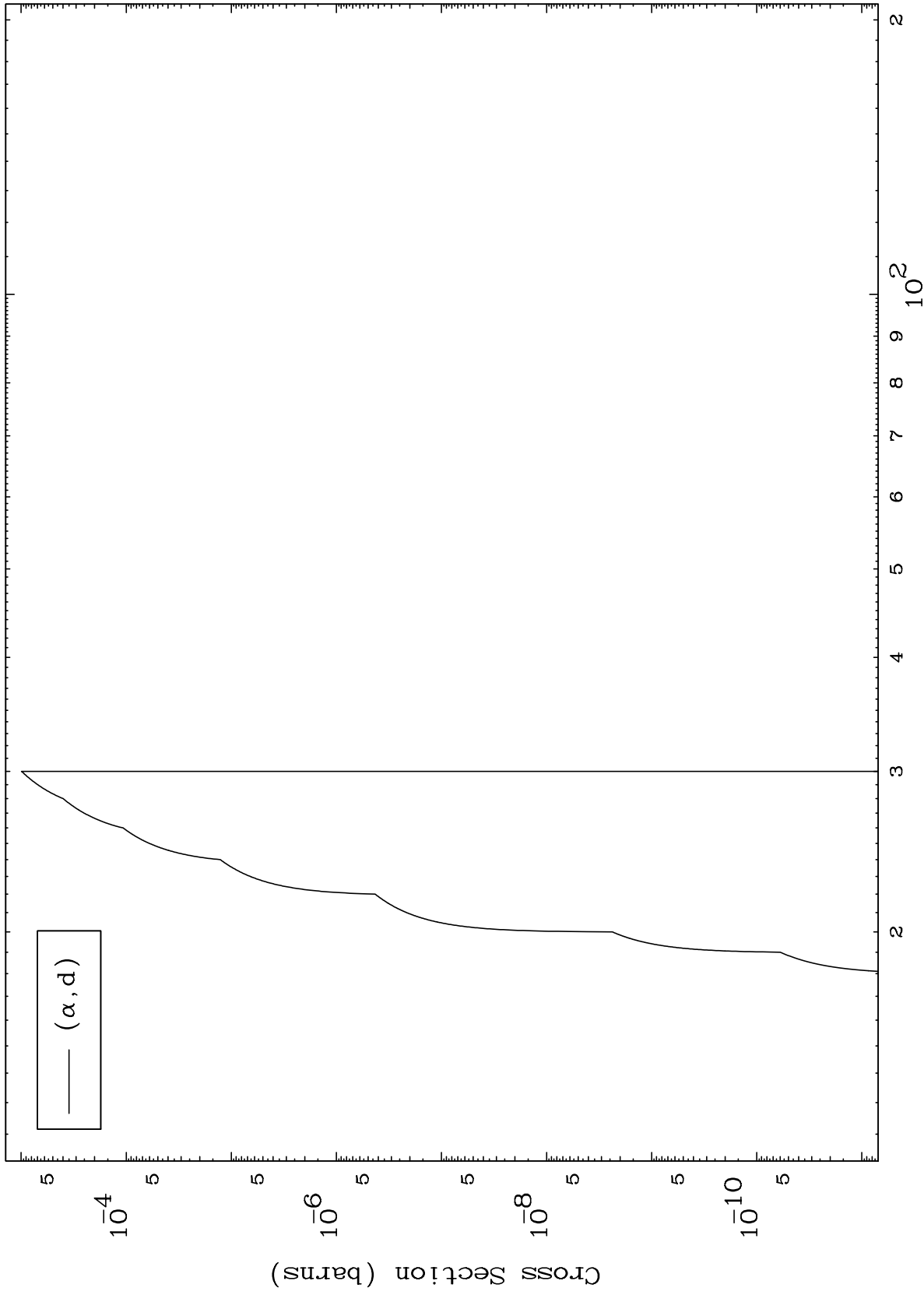
81-T1-198

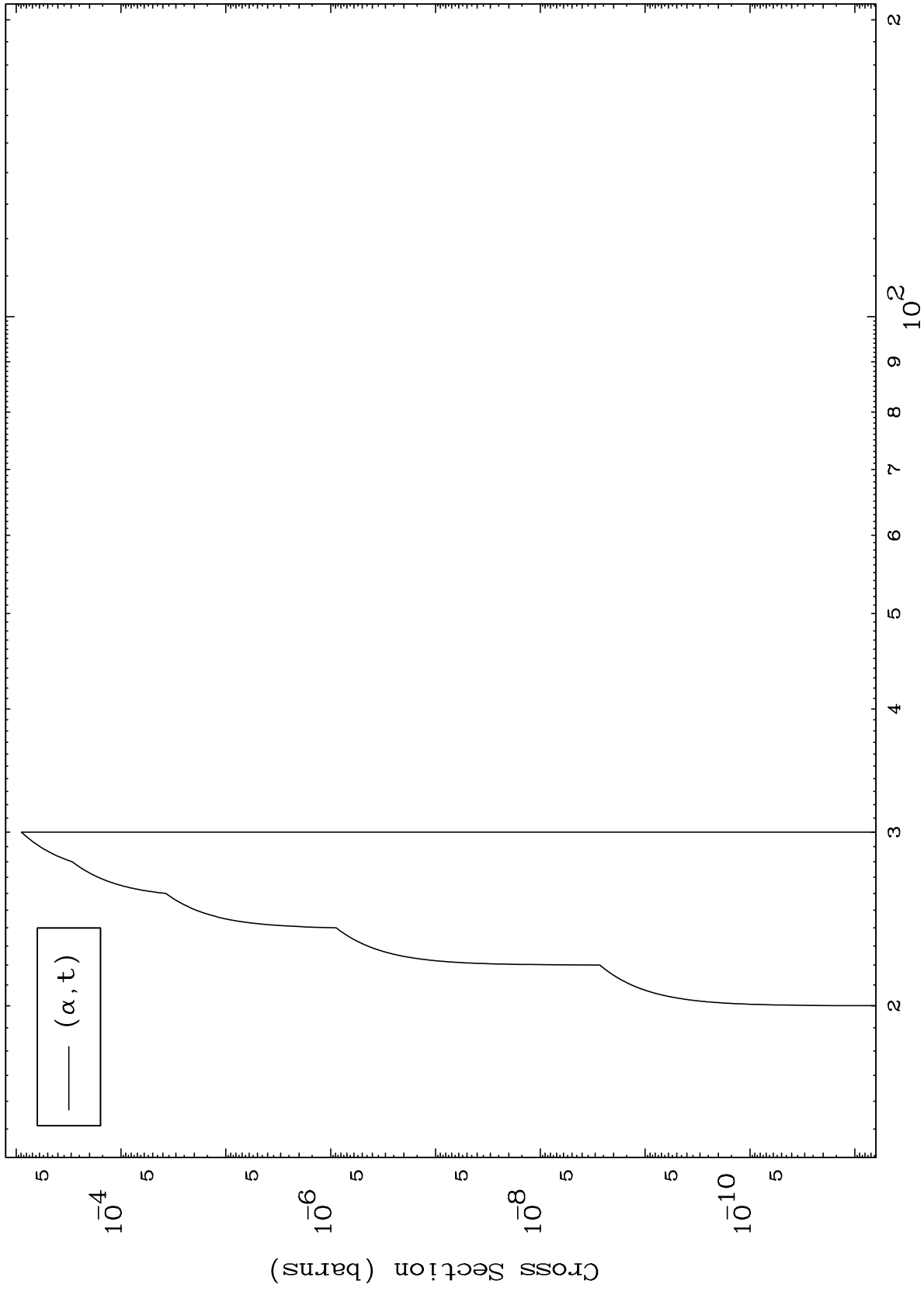


6

Incident Energy (MeV)

81-T1-198

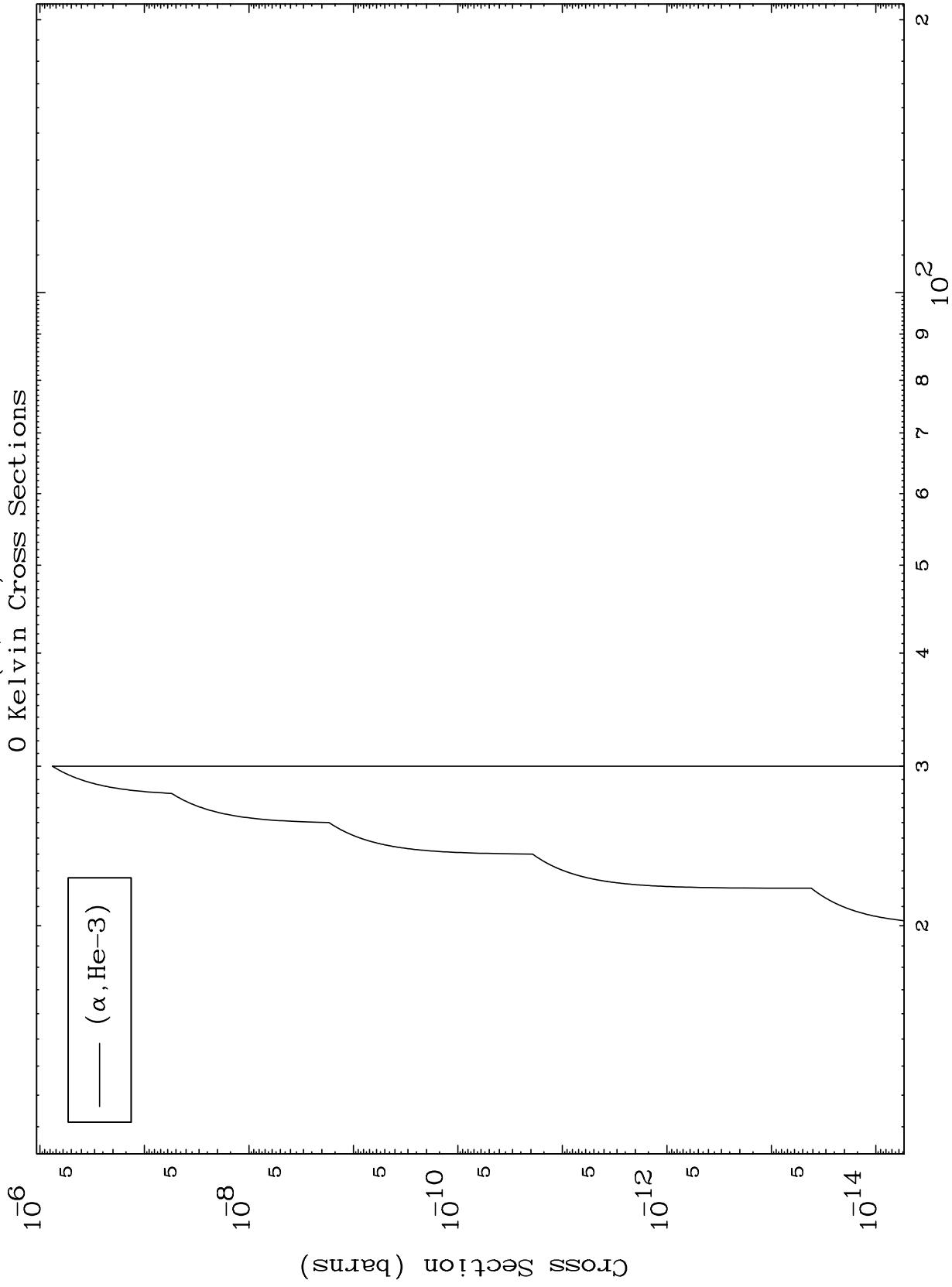




MAT 8111

(α ,He3) Levels
0 Kelvin Cross Sections

81-T1-198



9

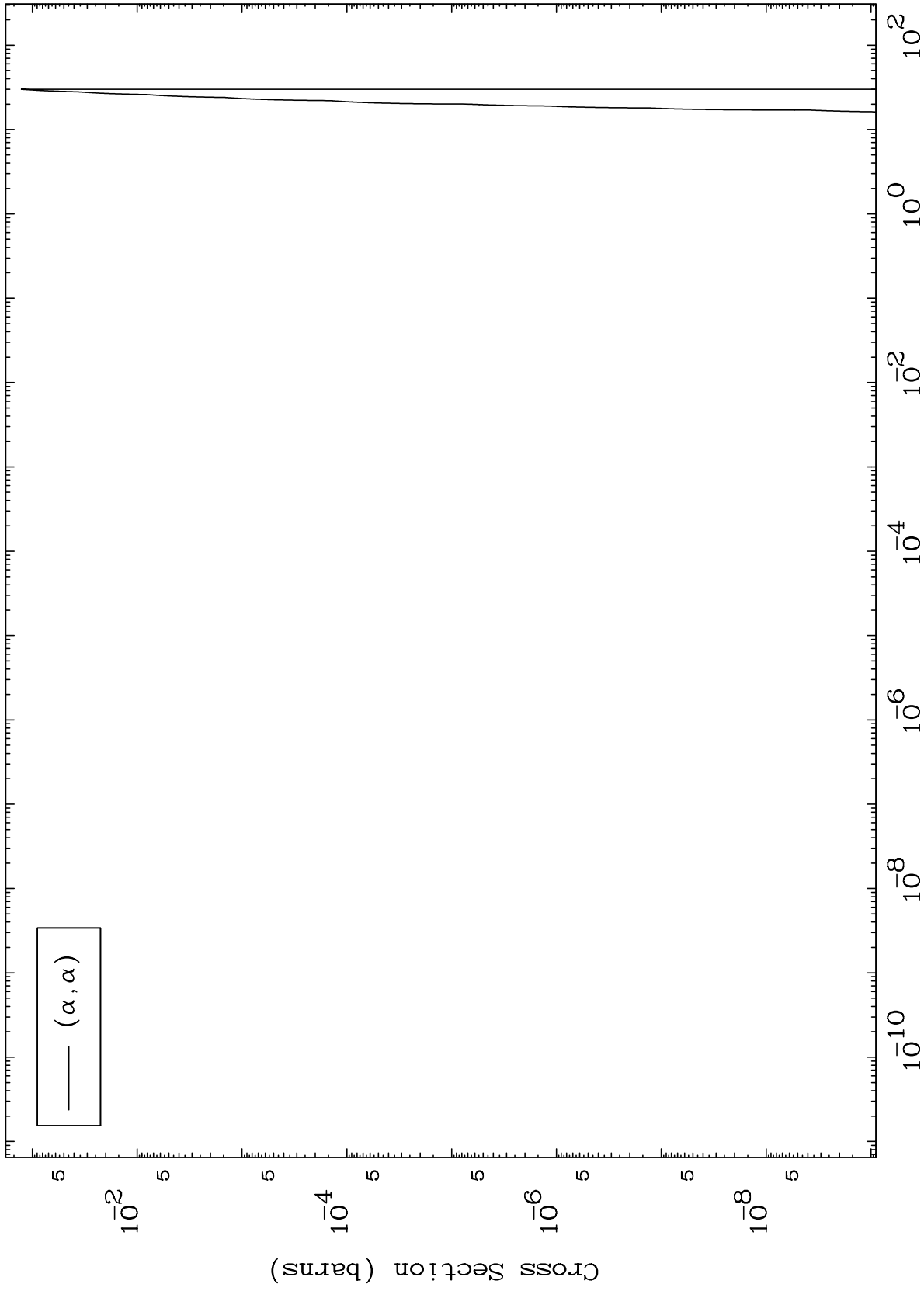
Incident Energy (MeV)

81-T1-198

MAT 8111

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-198



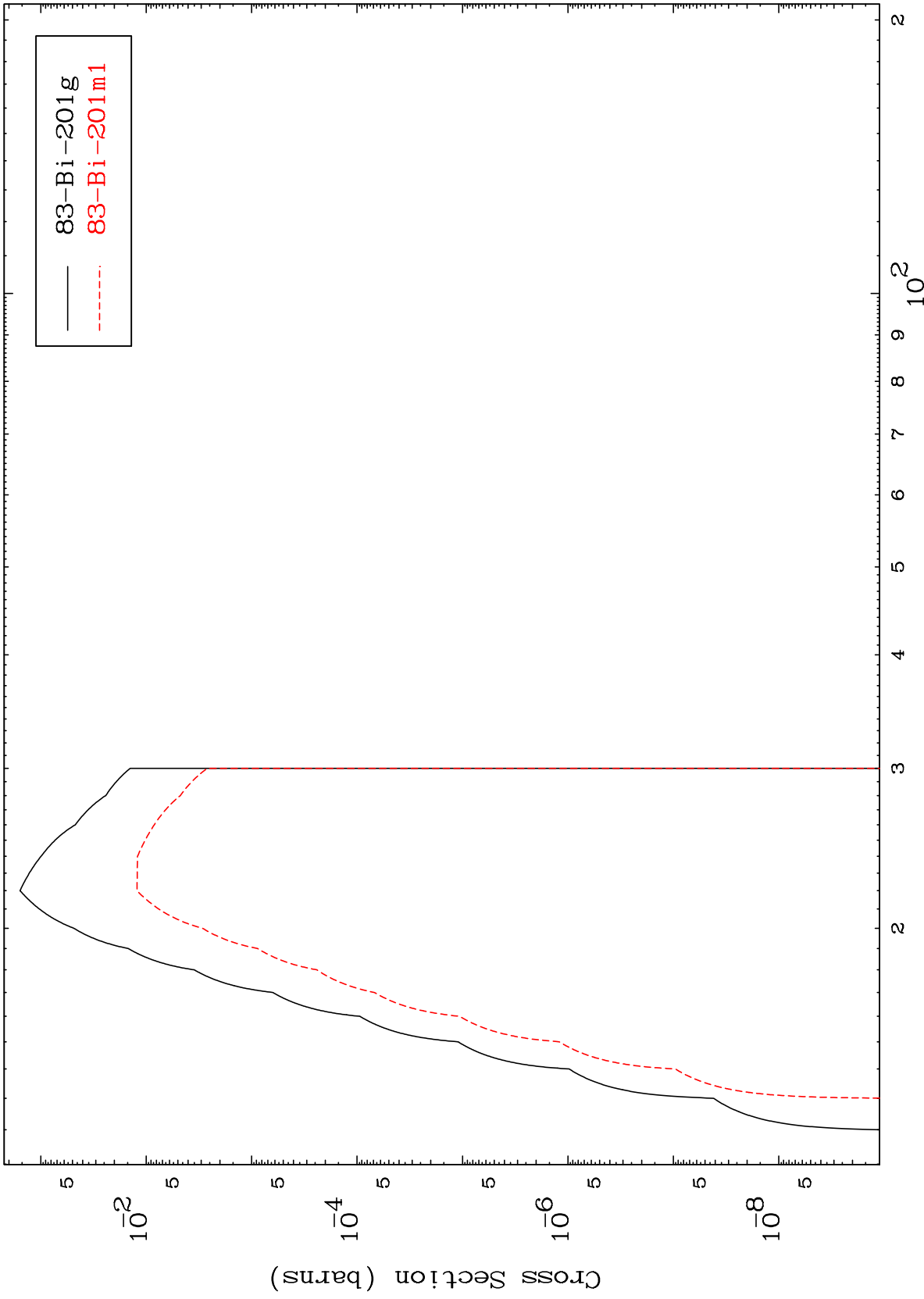
10

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section

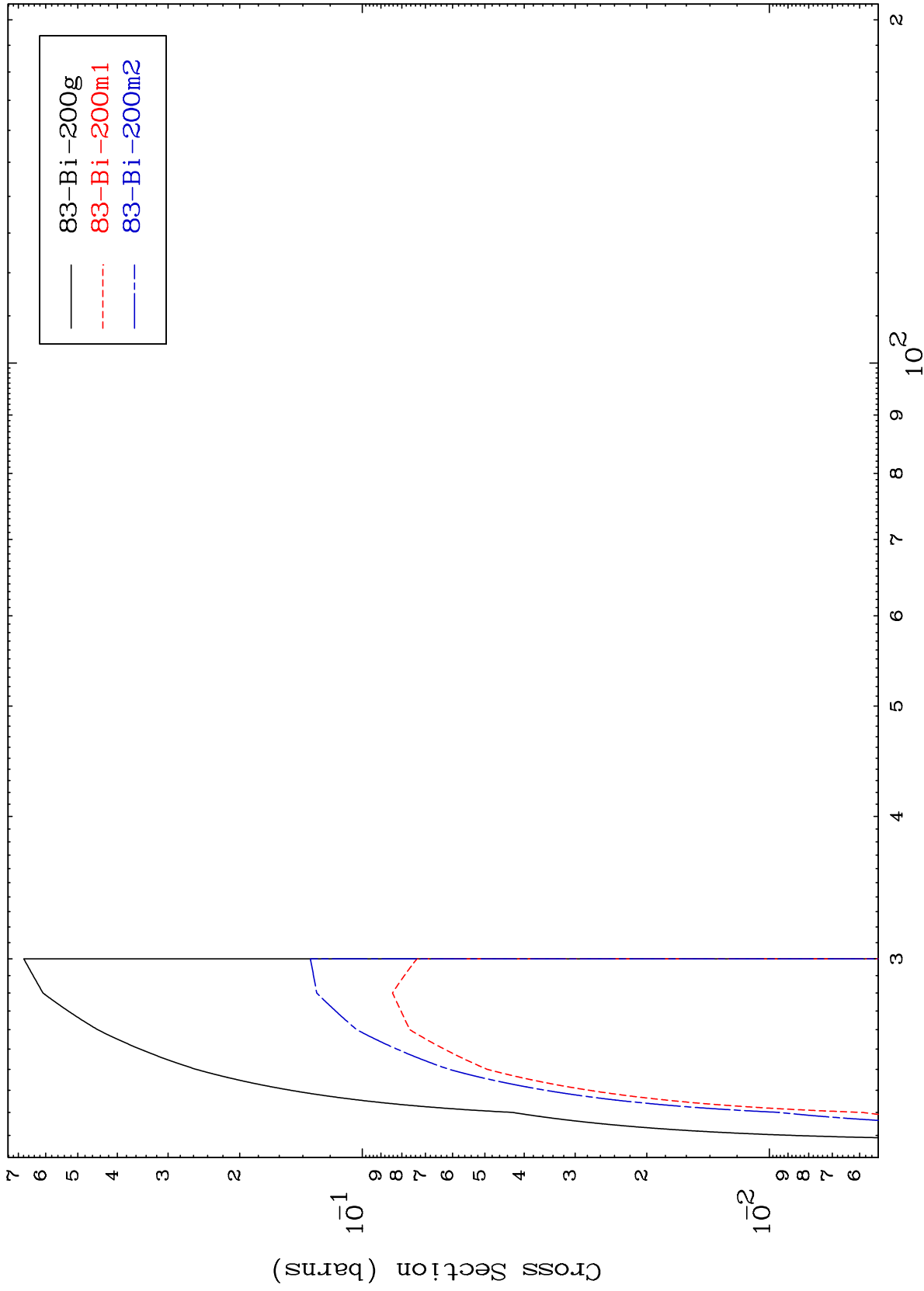
α Inelastic



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81-T1-198

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



12

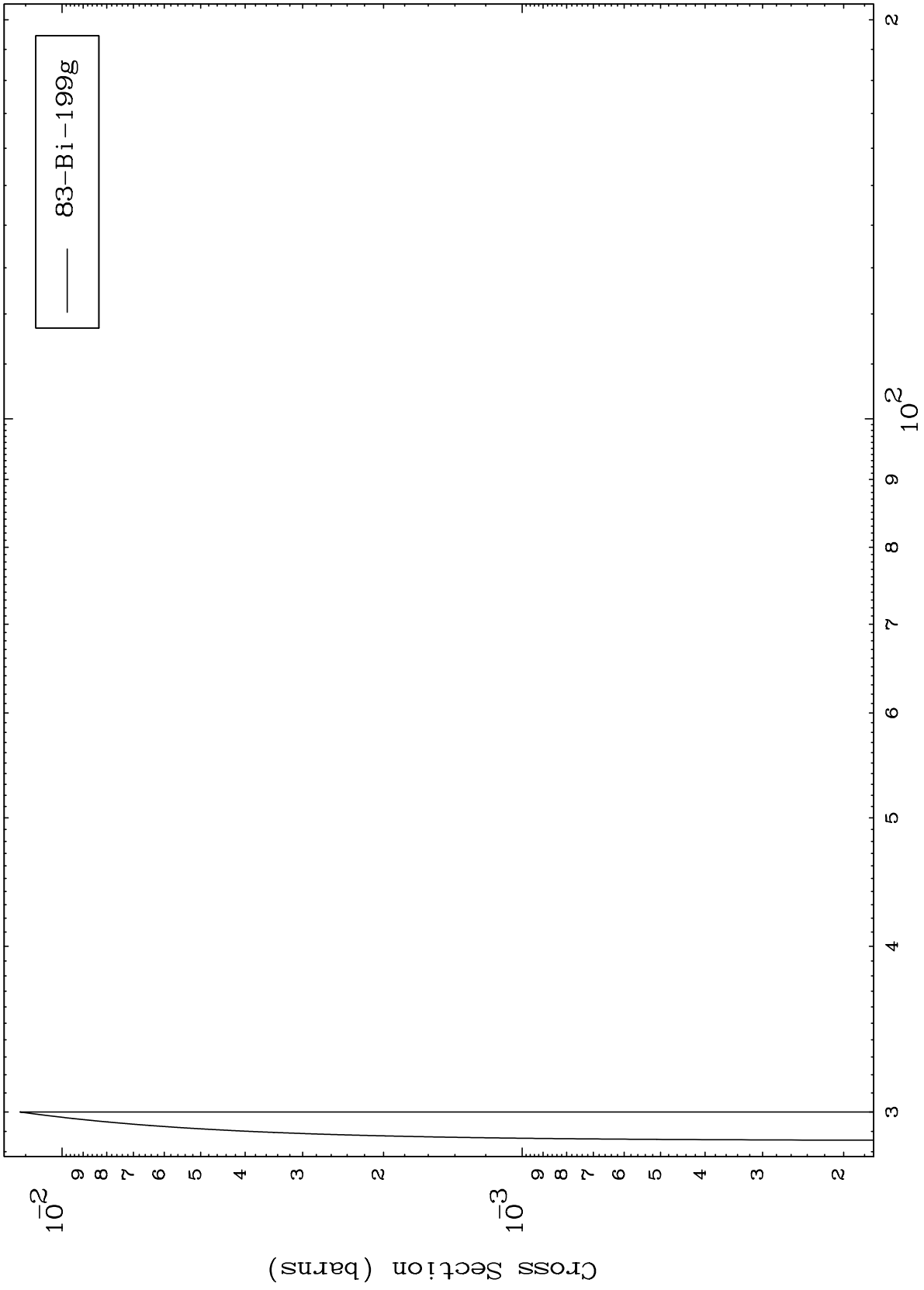
Incident Energy (MeV)

81-T1-198

MAT 8111

81-T1-198

($\alpha, 3n$)
Radionuclide Production Cross Section



81-T1-198

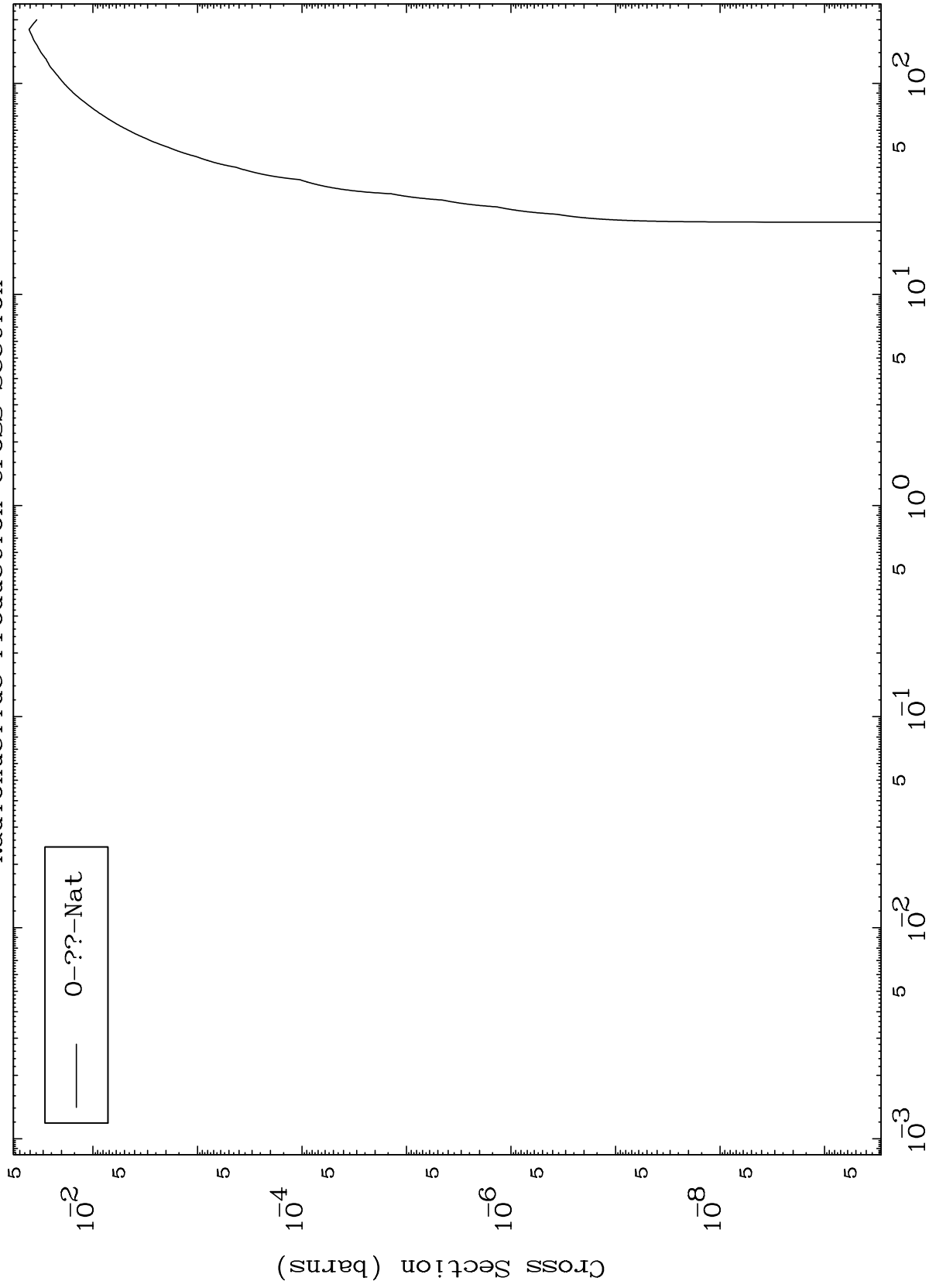
Incident Energy (MeV)

13

MAT 8111

α Fission
Radionuclide Production Cross Section

81-Tl-198



14

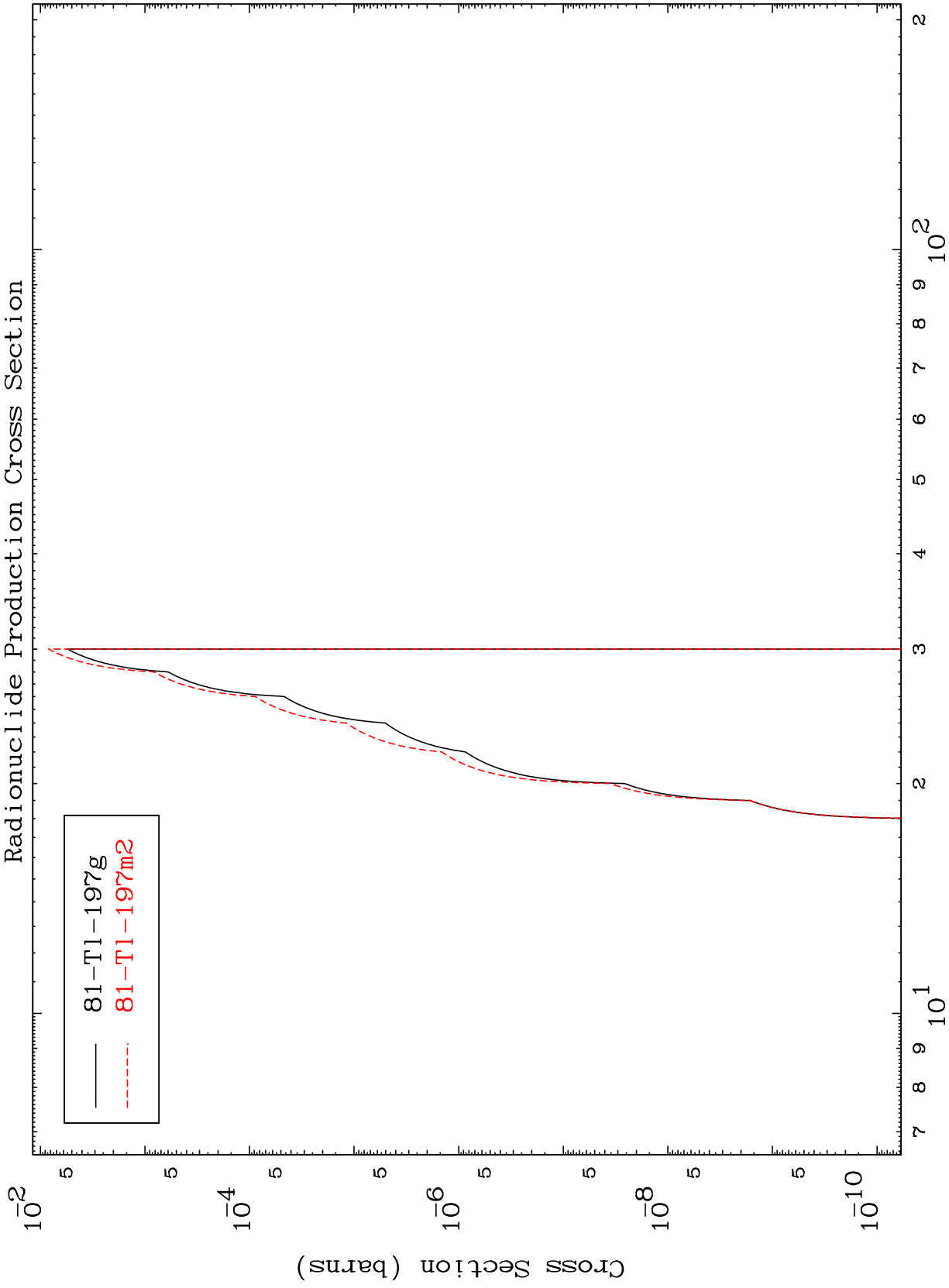
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-Tl-198

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



15

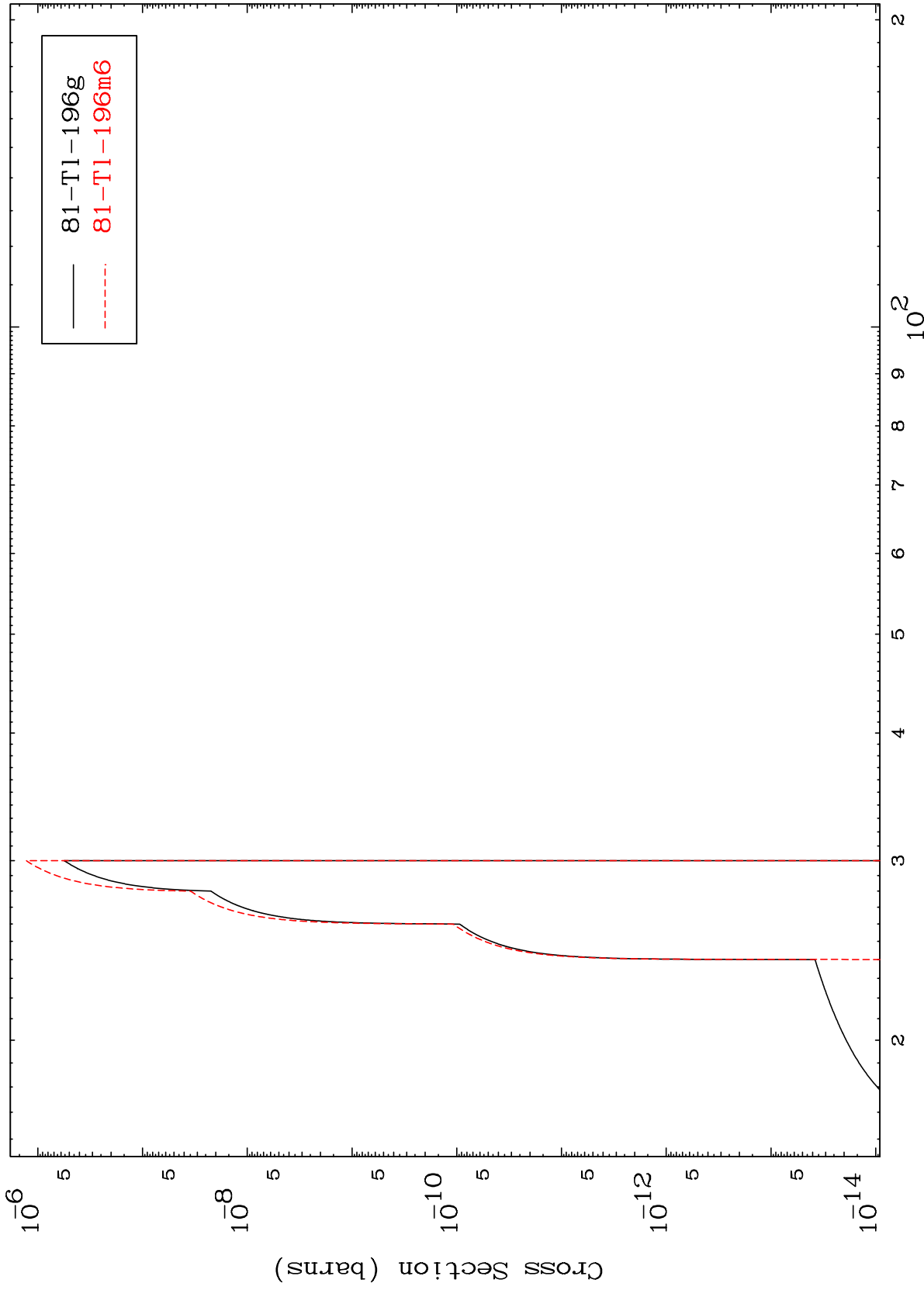
81-Tl-198

MAT 8111

($\alpha, 2n$) α

81-Tl-198

Radionuclide Production Cross Section

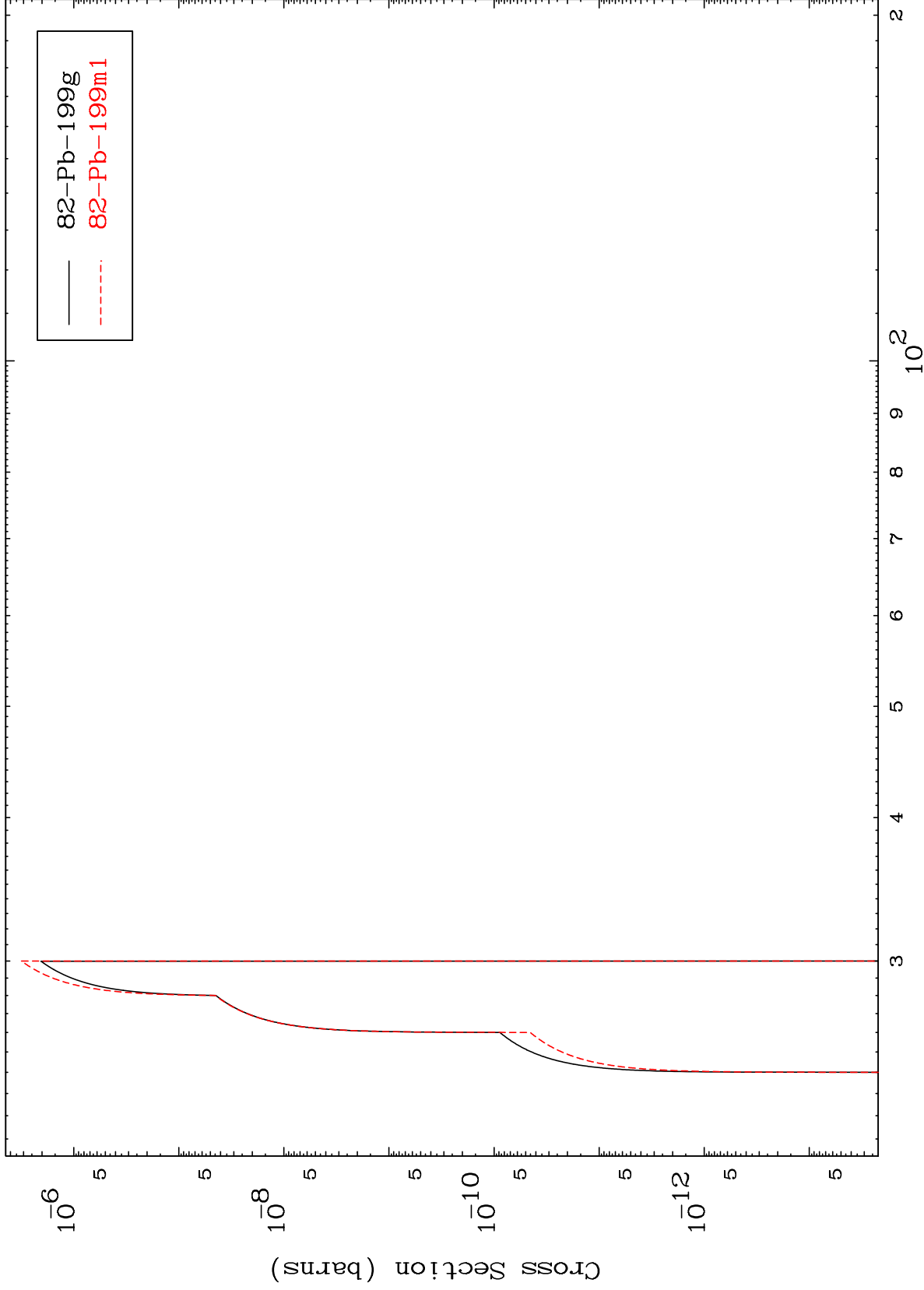


16

Incident Energy (MeV)

81-Tl-198

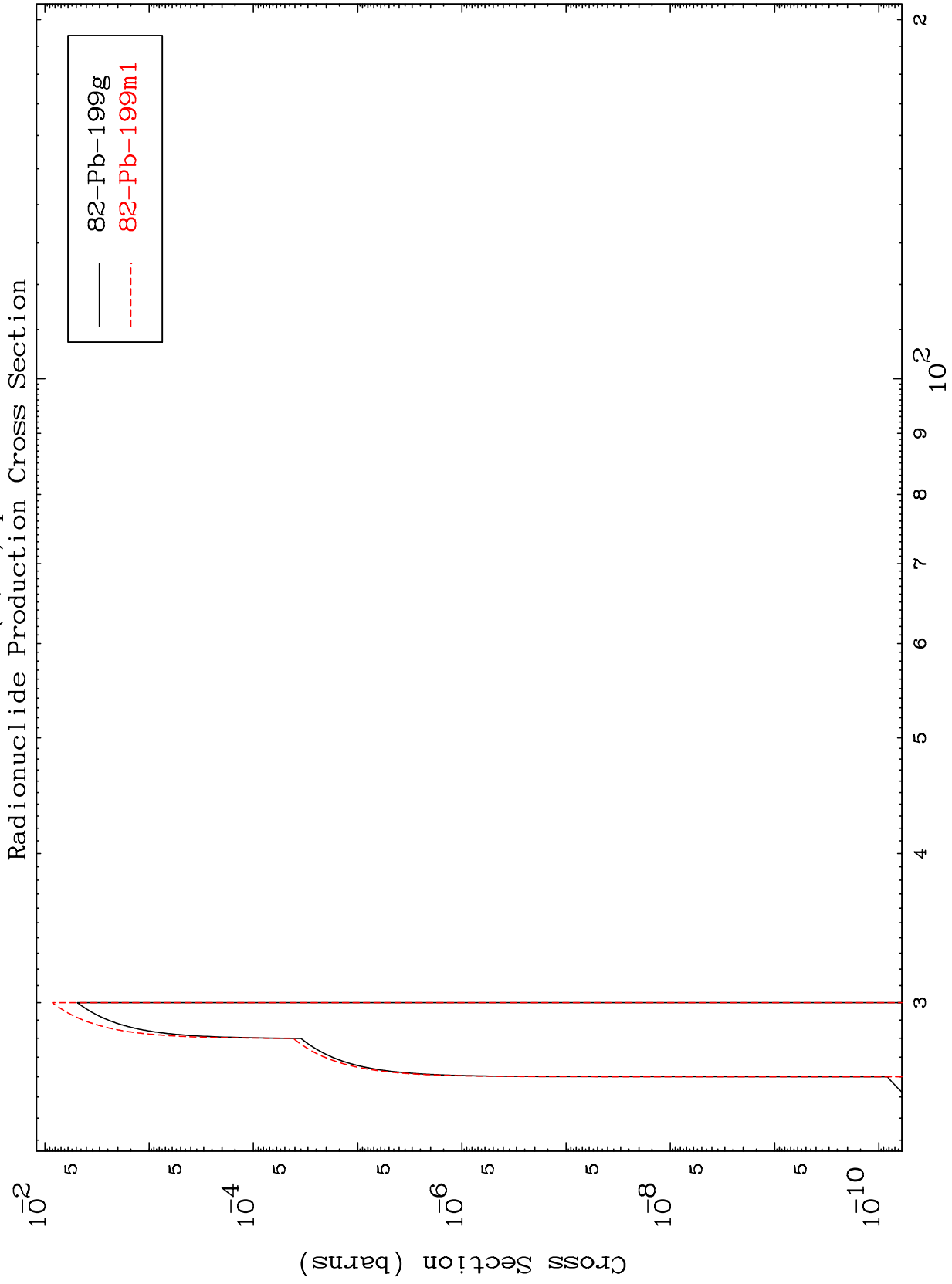
Radionuclide Production Cross Section



MAT 8111

($\alpha, 2n$) p

81-Tl-198



18

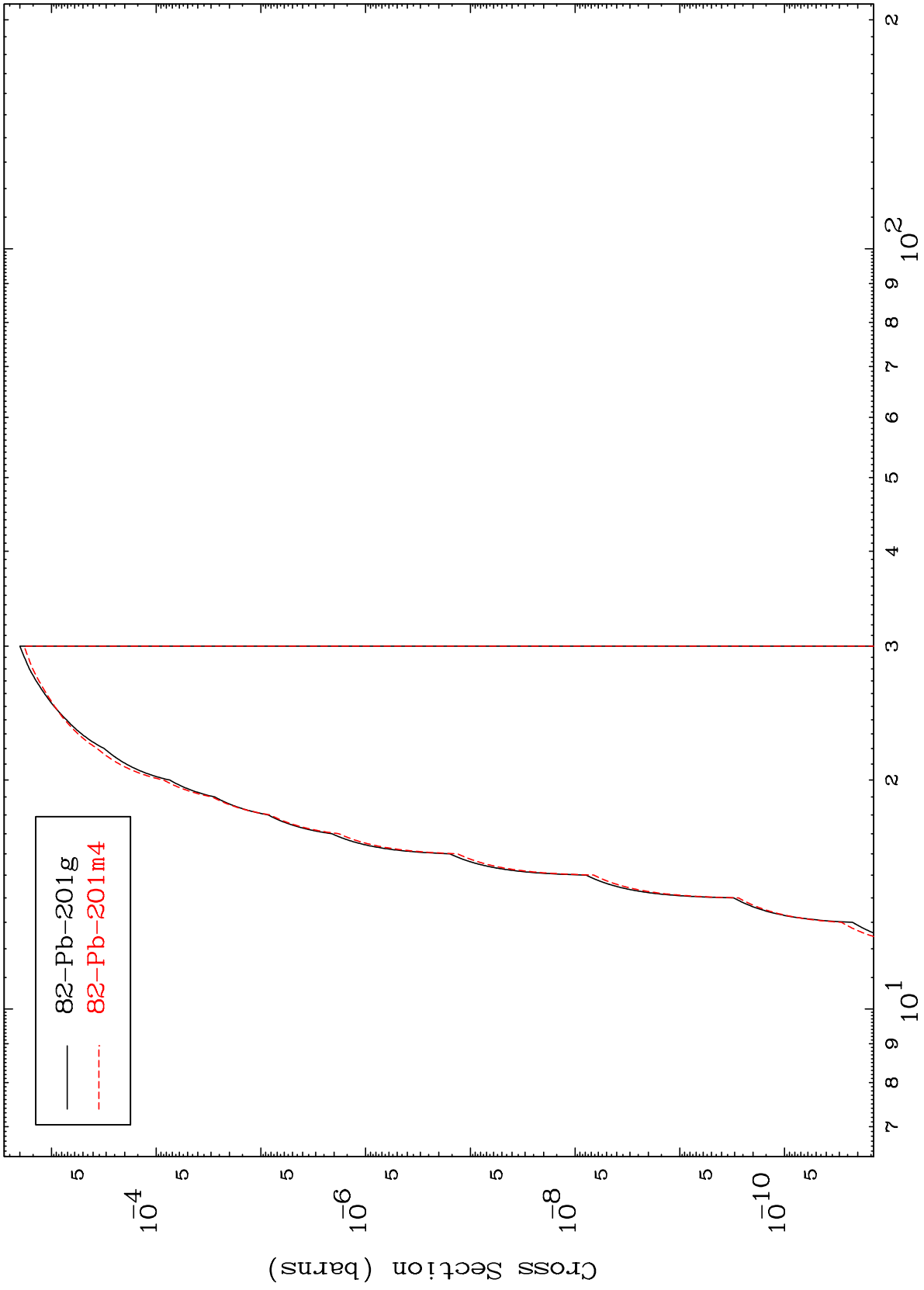
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-T1-198

Radionuclide Production Cross Section
(α, p)



19

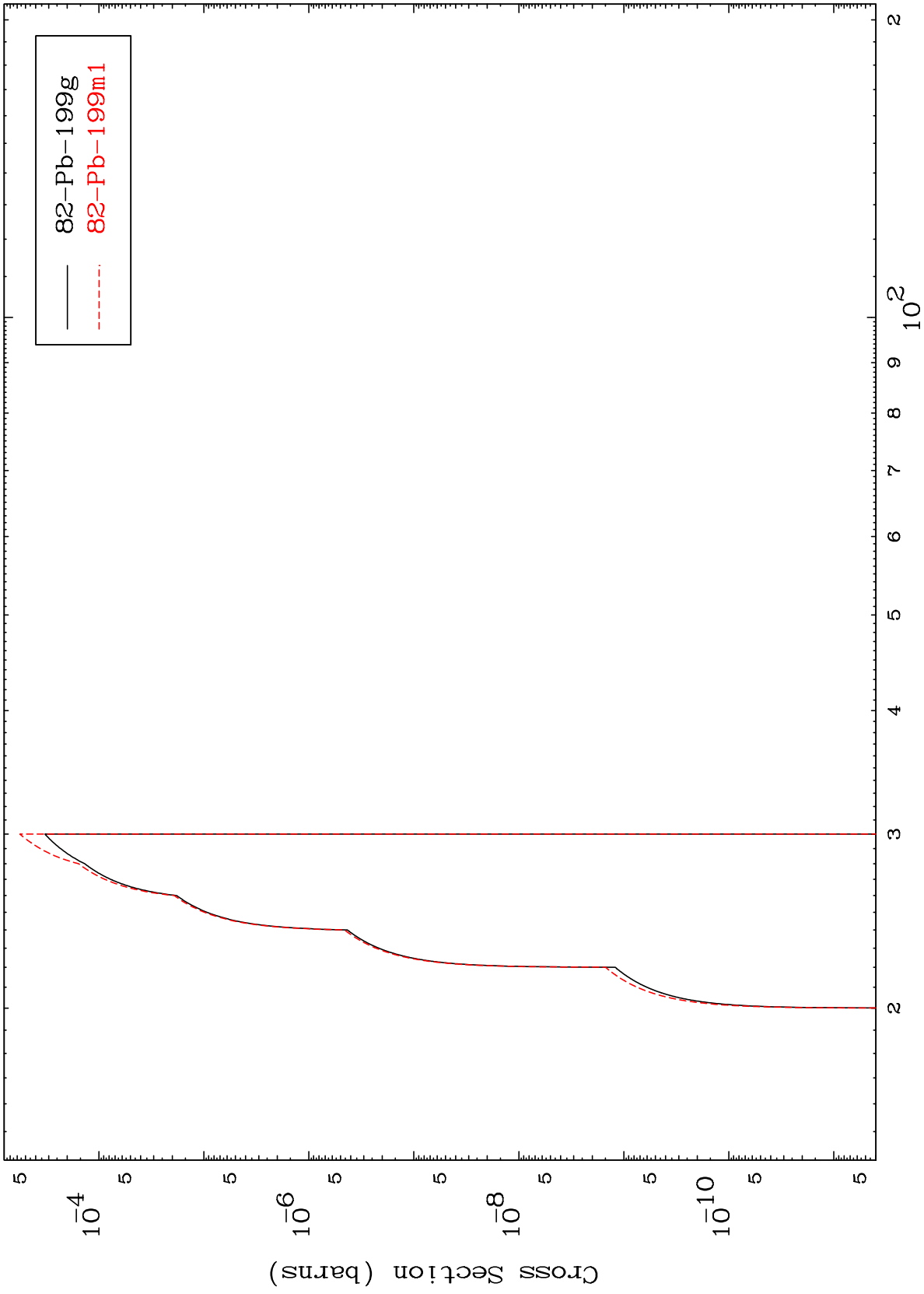
Incident Energy (MeV)

81-T1-198

MAT 8111

81-T1-198

(α, t)
Radionuclide Production Cross Section



20

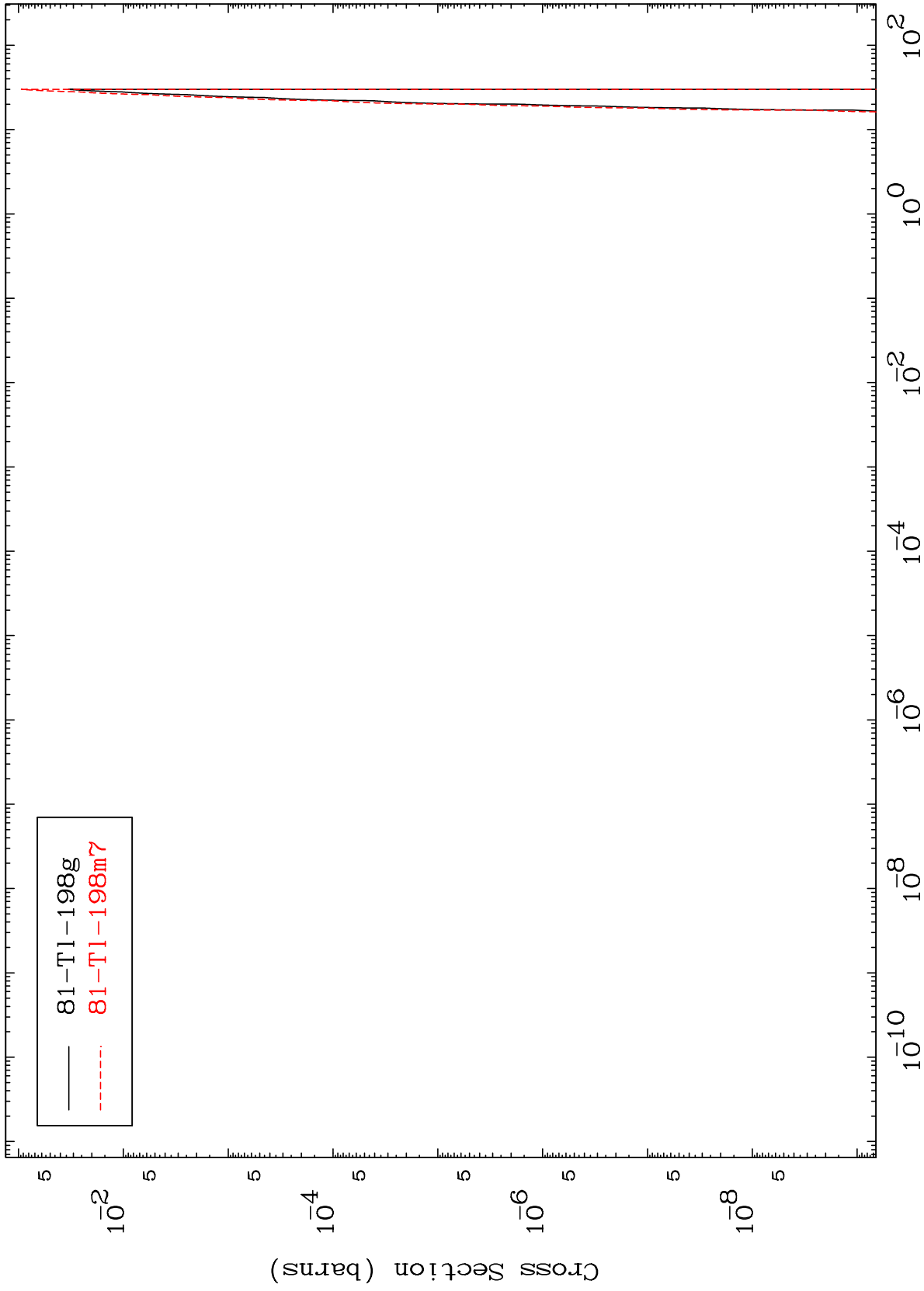
81-T1-198

MAT 8111

(α, α)

81-Tl-198

Radionuclide Production Cross Section



21

Incident Energy (MeV)

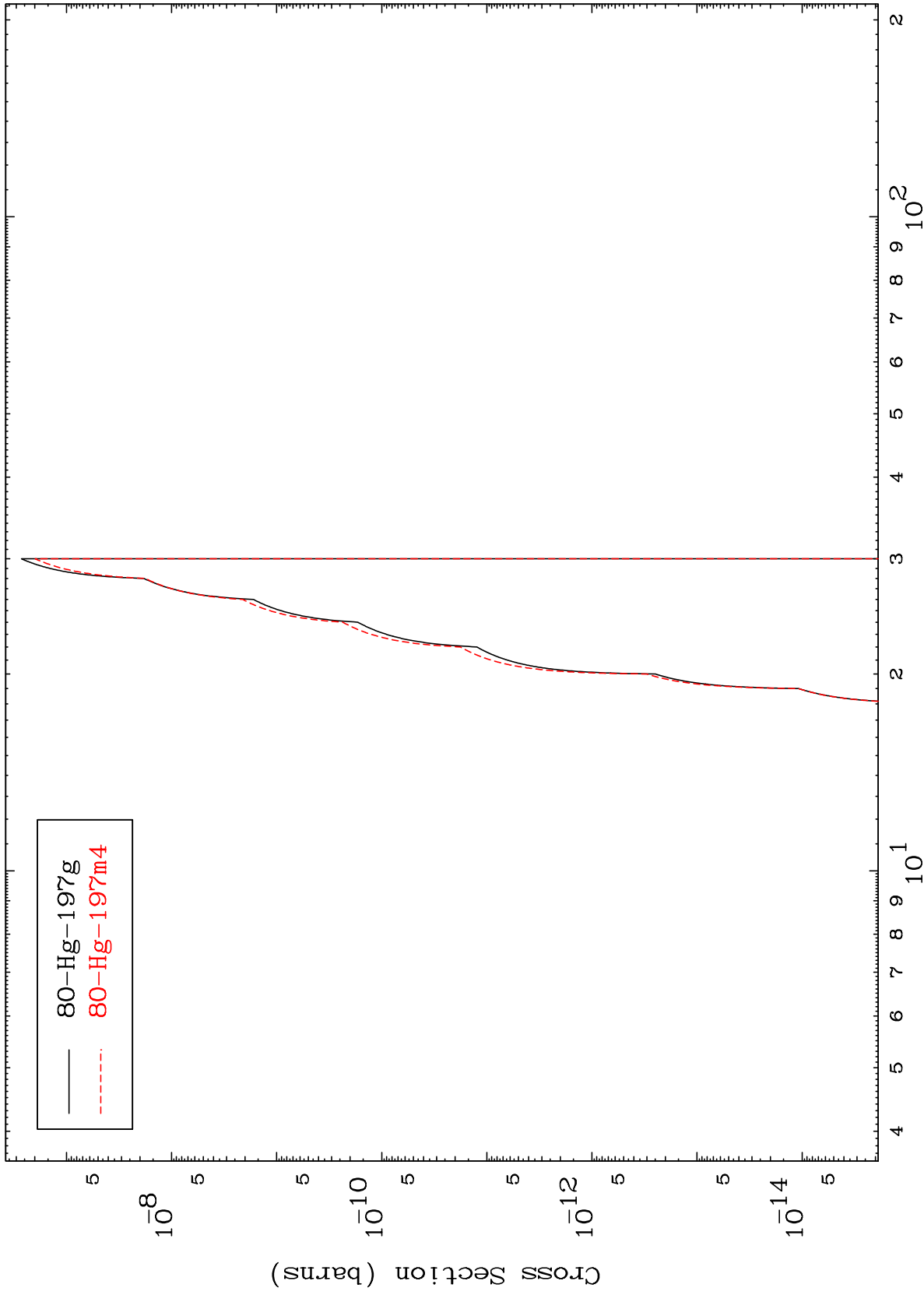
81-Tl-198

MAT 8111

(α, p) α

81-Tl-198

Radionuclide Production Cross Section



22

Incident Energy (MeV)

81-Tl-198