

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

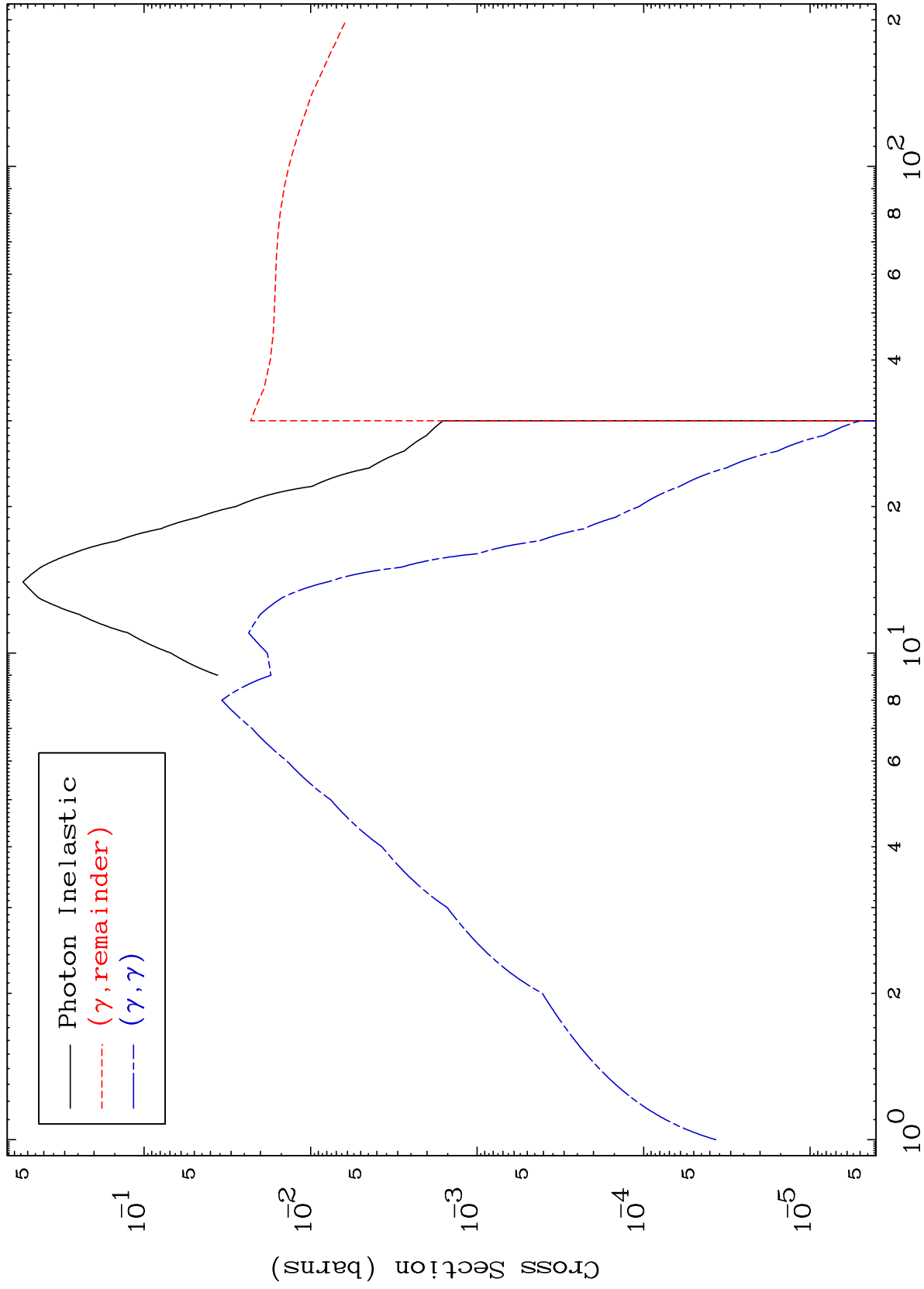
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8113

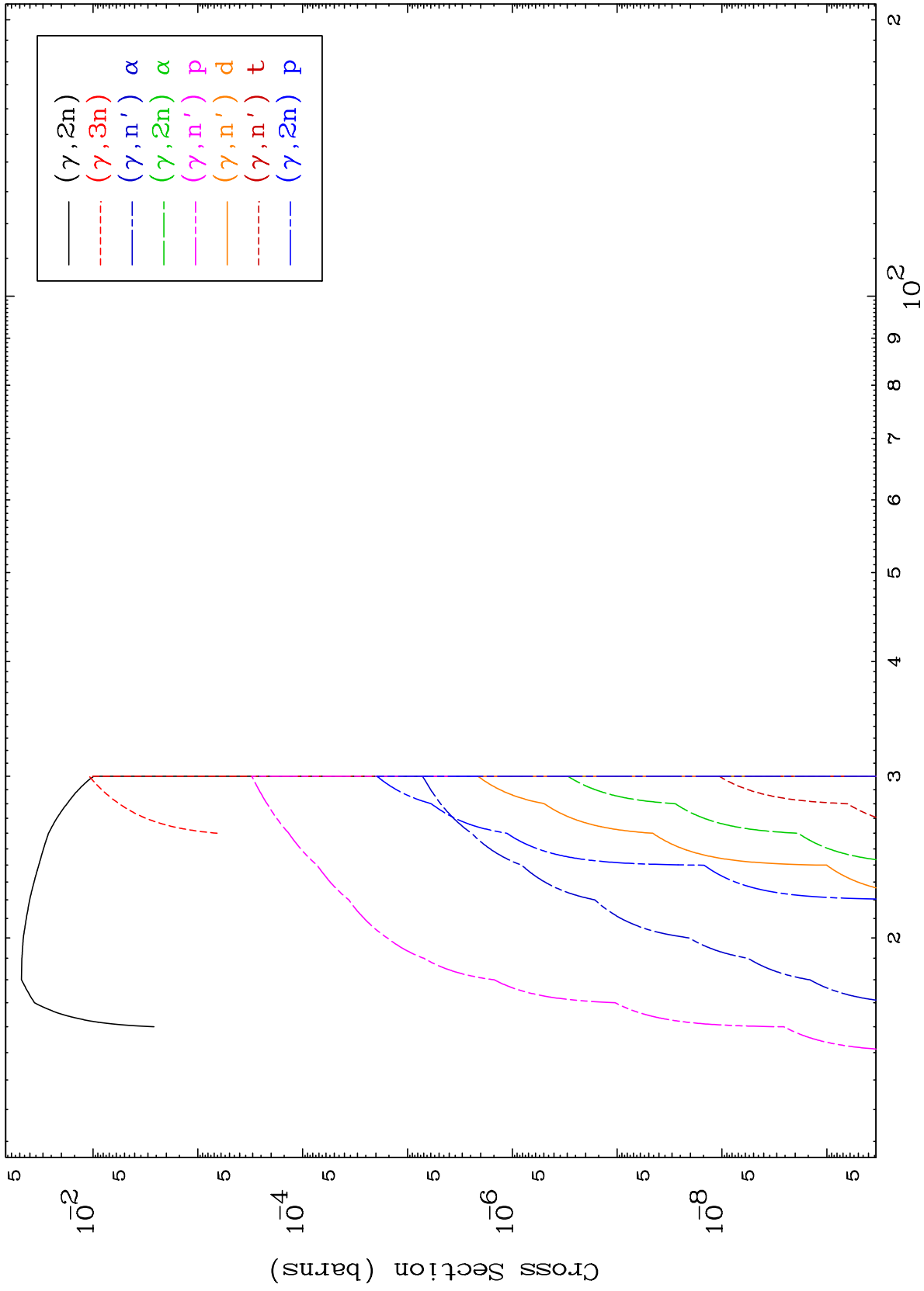
Photon Major
0 Kelvin Cross Sections

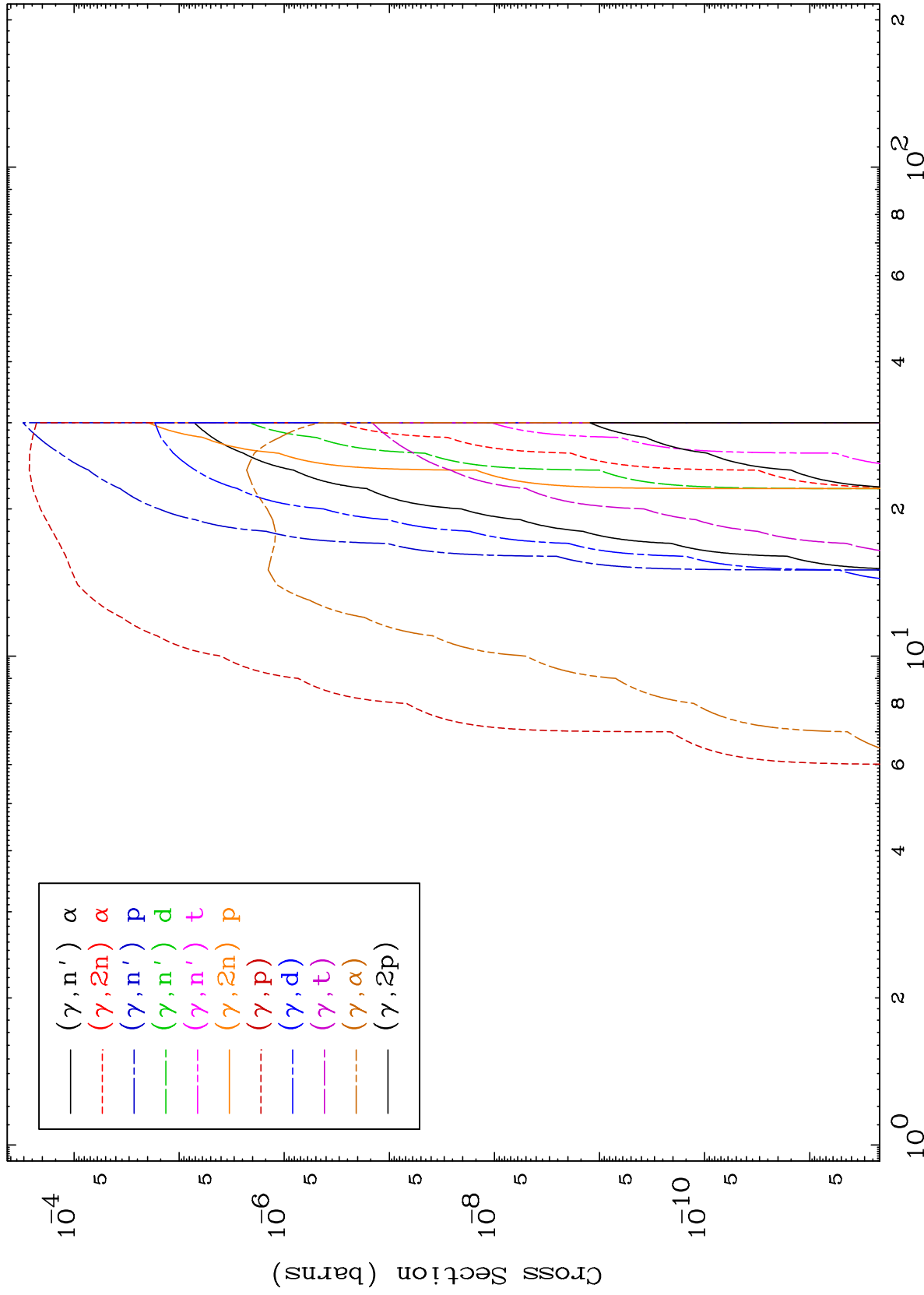
81-Tl-199



Incident Energy (MeV)

81-Tl-199



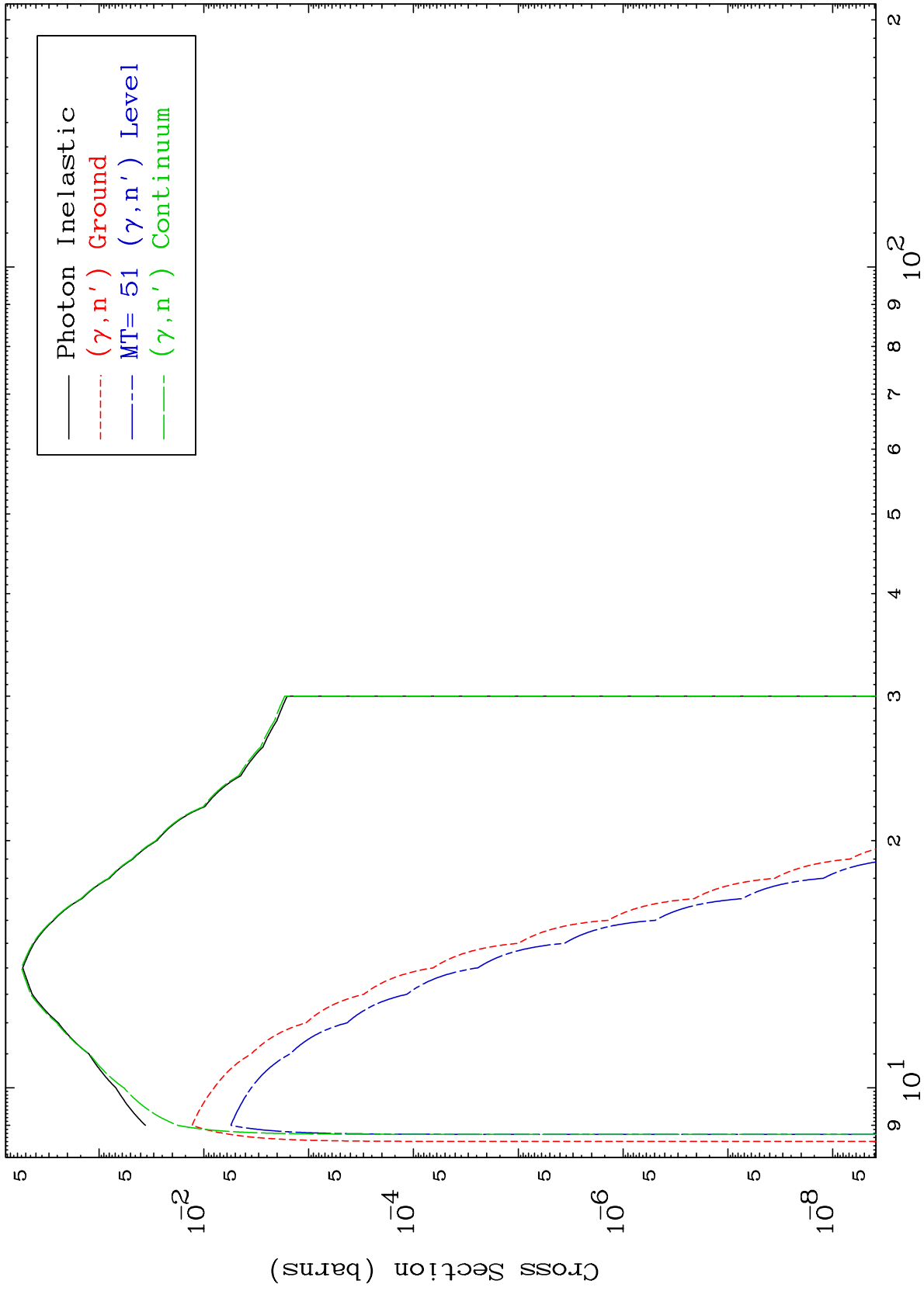


MAT 8113

(γ, n') Level

81-Tl-199

0 Kelvin Cross Sections



4

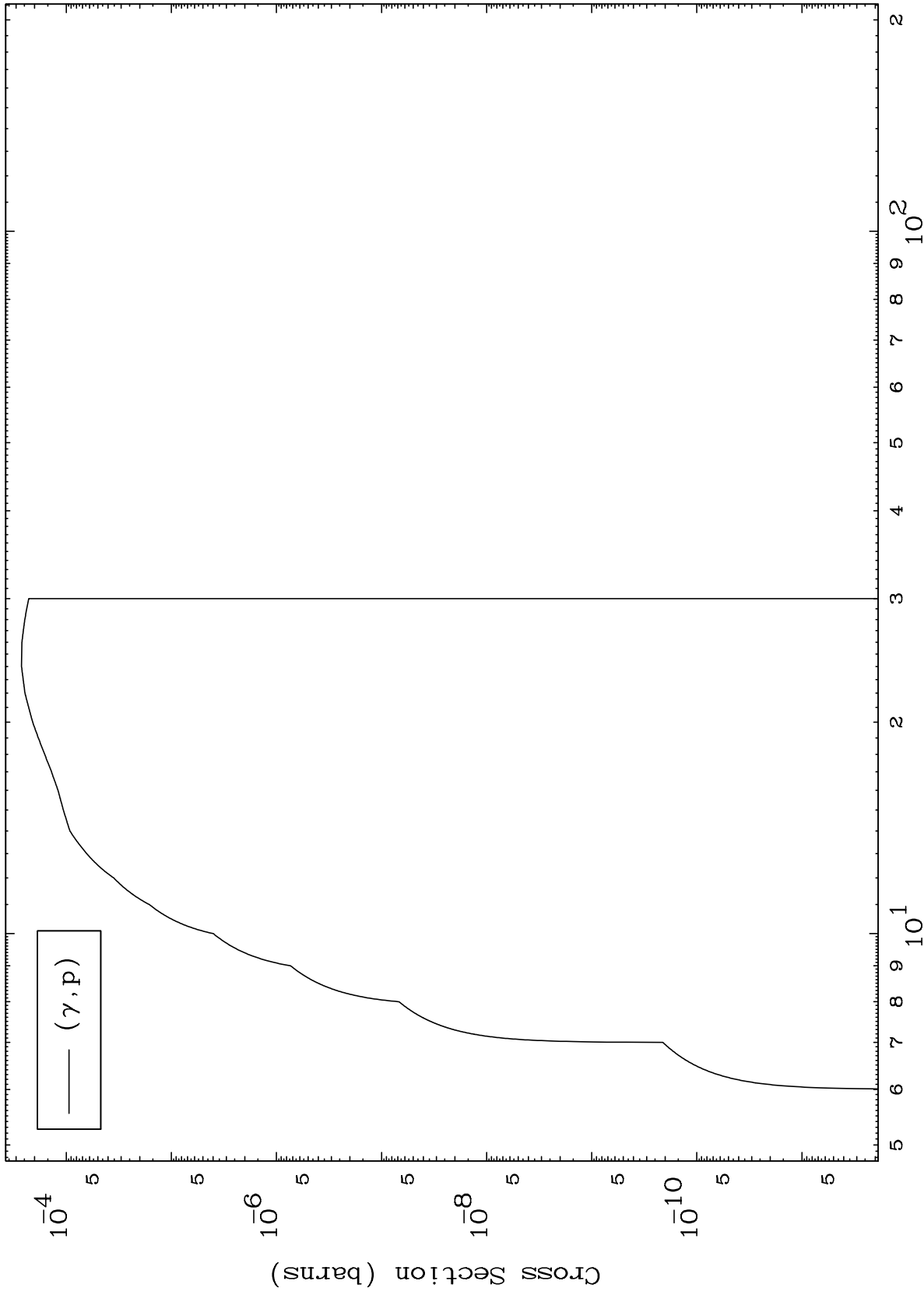
Incident Energy (MeV)

81-Tl-199

MAT 8113

(γ, p) Levels
0 Kelvin Cross Sections

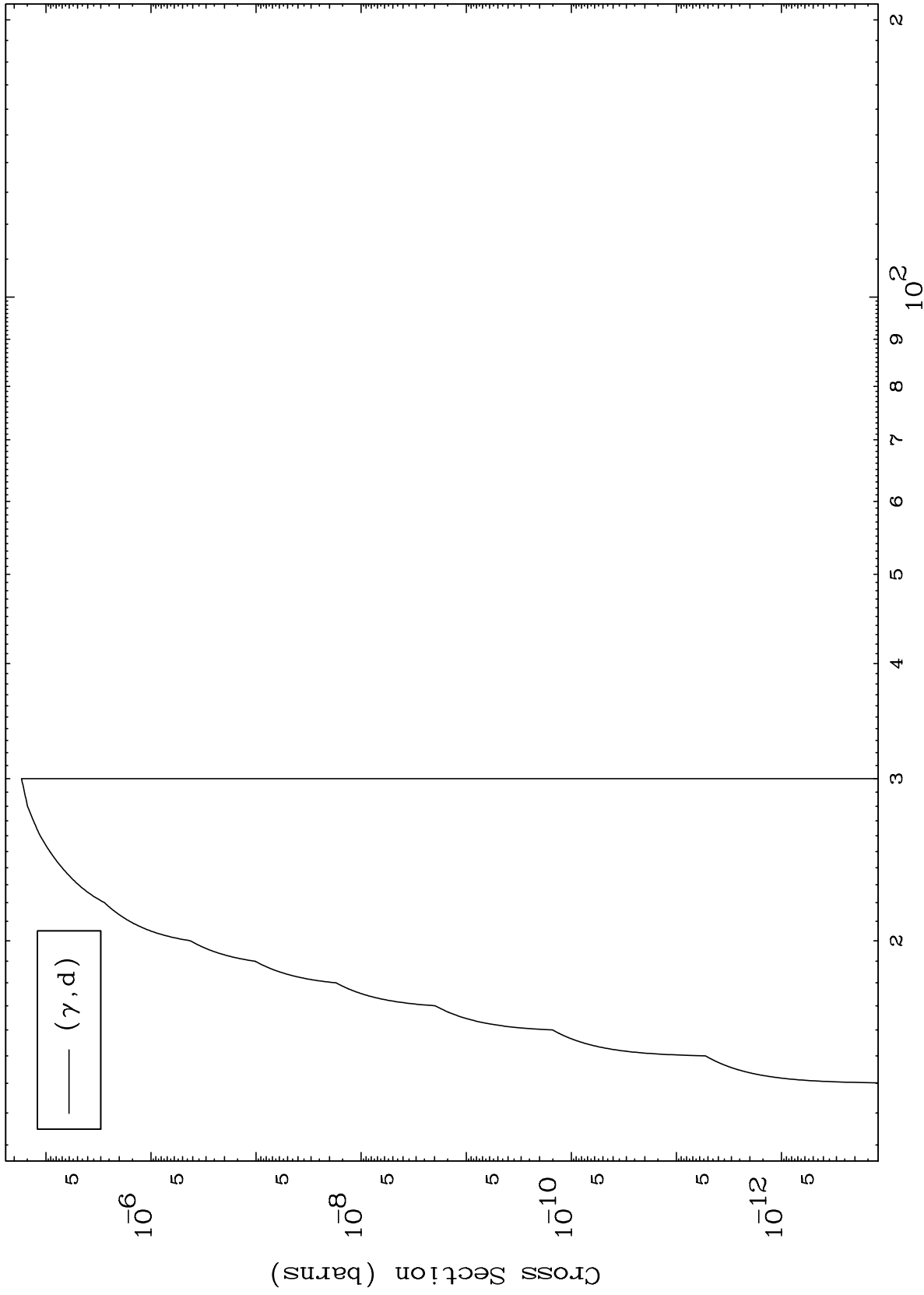
81-T1-199



5

Incident Energy (MeV)

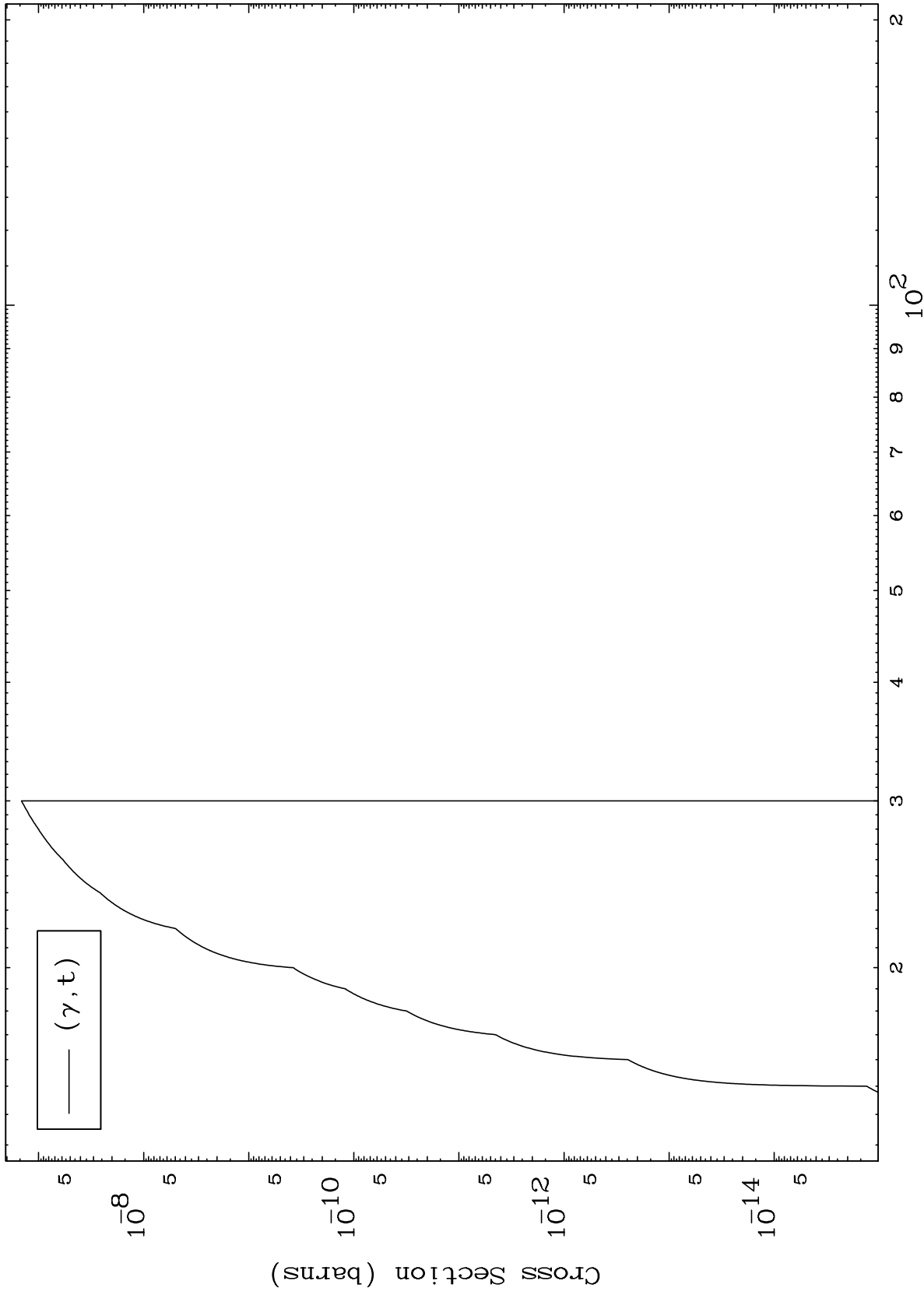
81-T1-199



MAT 81113

(γ, t) Levels
0 Kelvin Cross Sections

81-T1-199



7

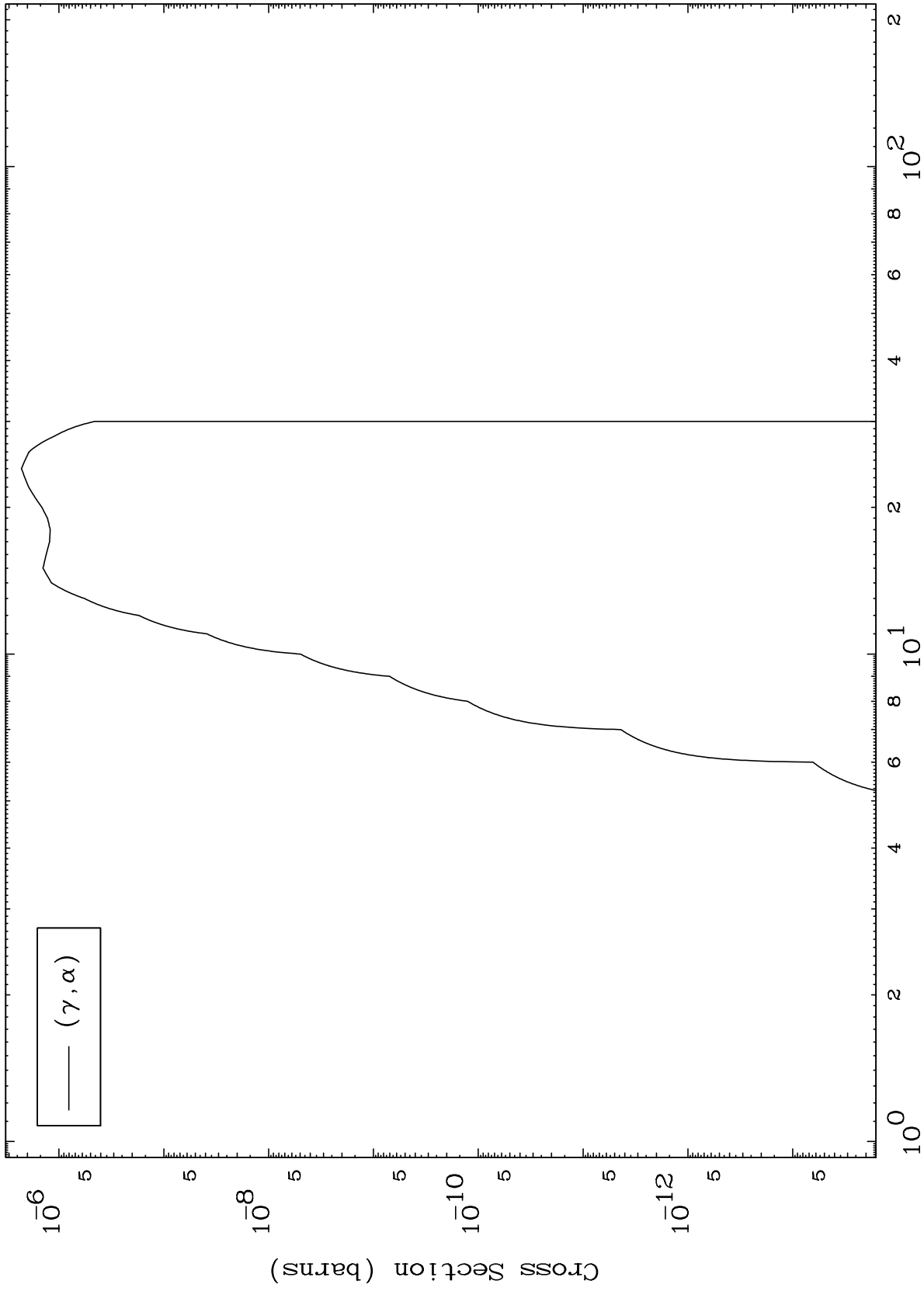
Incident Energy (MeV)

81-T1-199

MAT 8113

(γ, α) Levels
0 Kelvin Cross Sections

81-T1-199



Incident Energy (MeV)

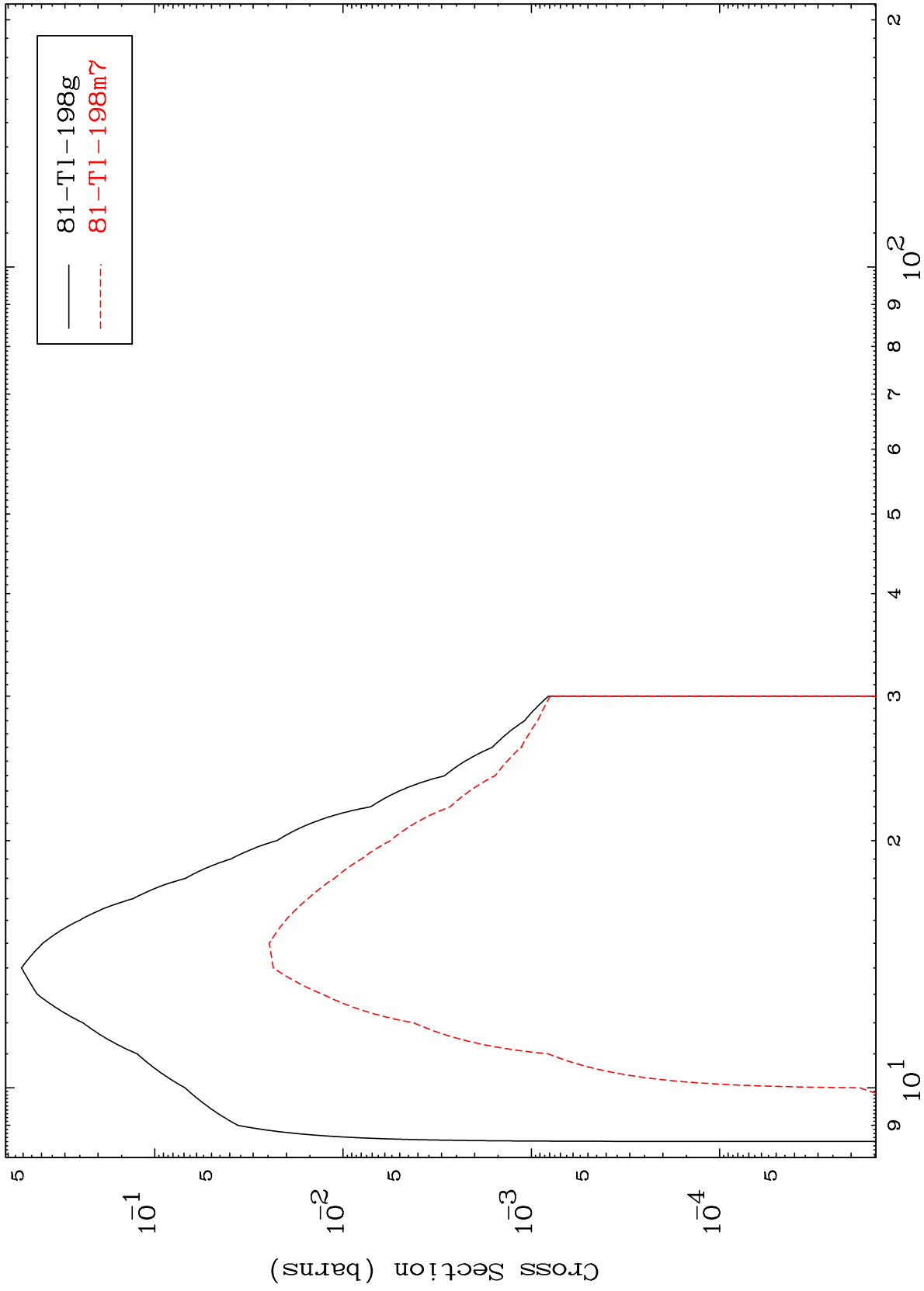
81-T1-199

MAT 8113

Photon Inelastic

81-Tl-199

Radionuclide Production Cross Section



9

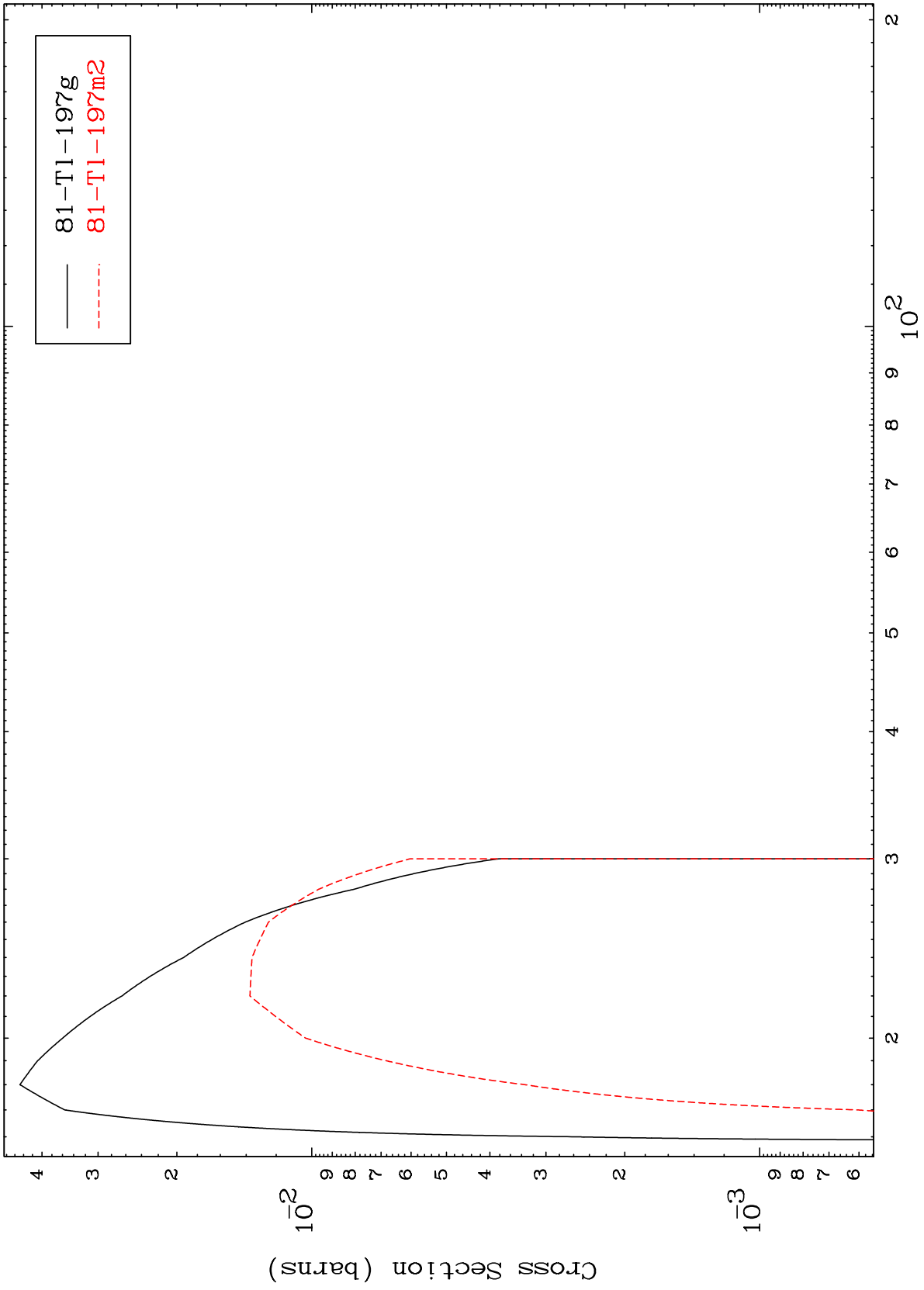
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-Tl-199

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



10

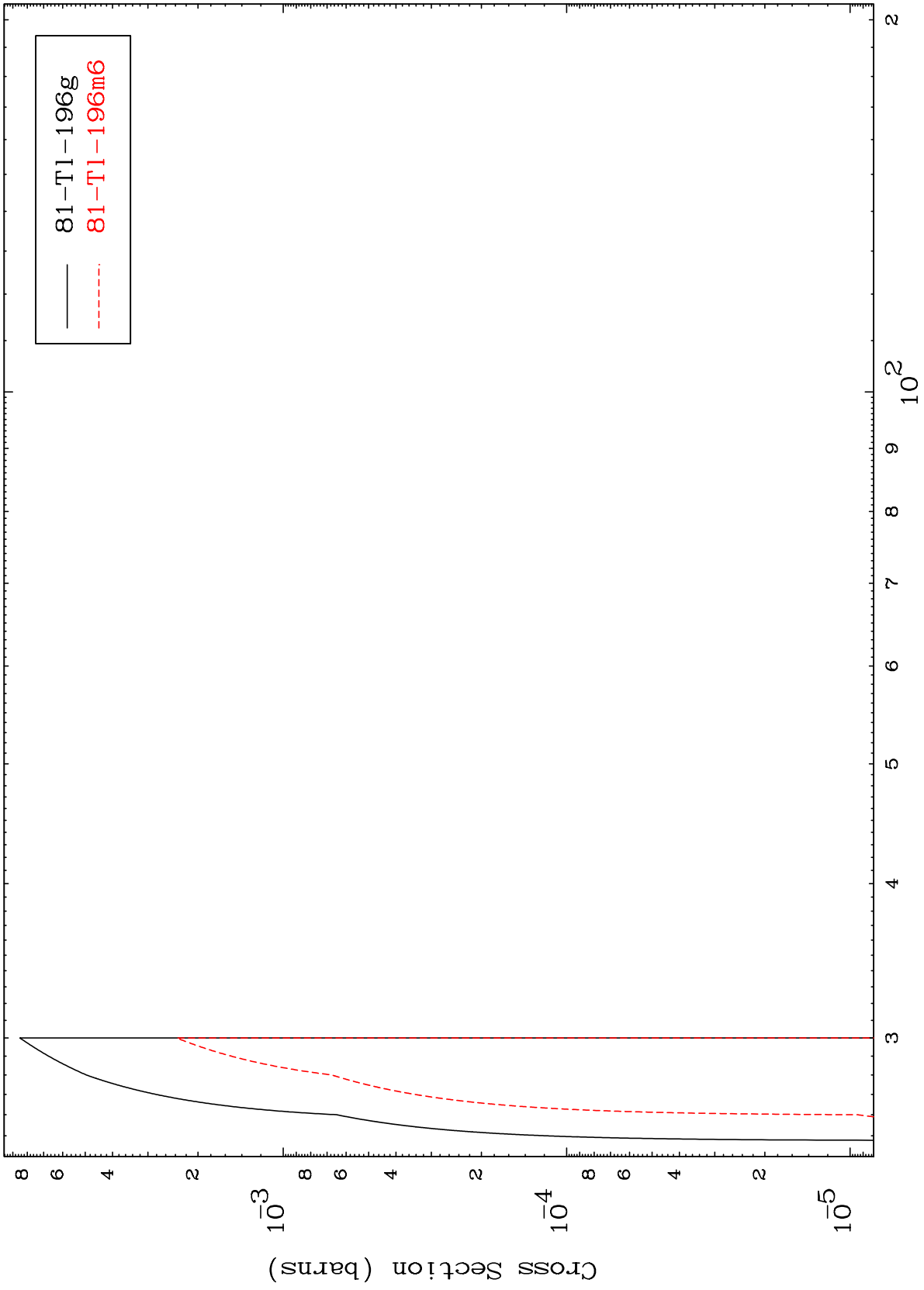
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-Tl-199

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



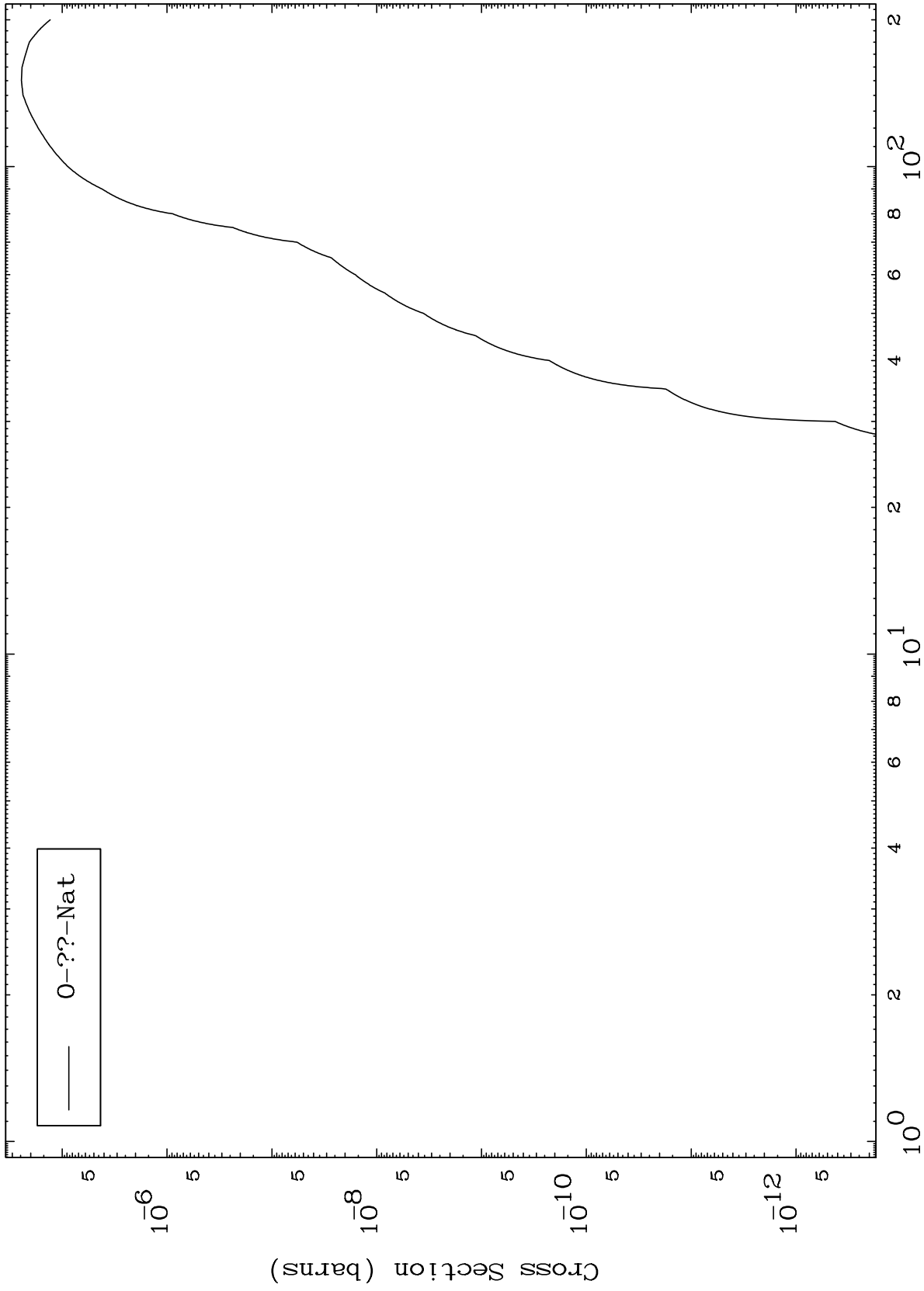
11

81-Tl-199

MAT 8113

Photon Fission
Radionuclide Production Cross Section

81-Tl-199



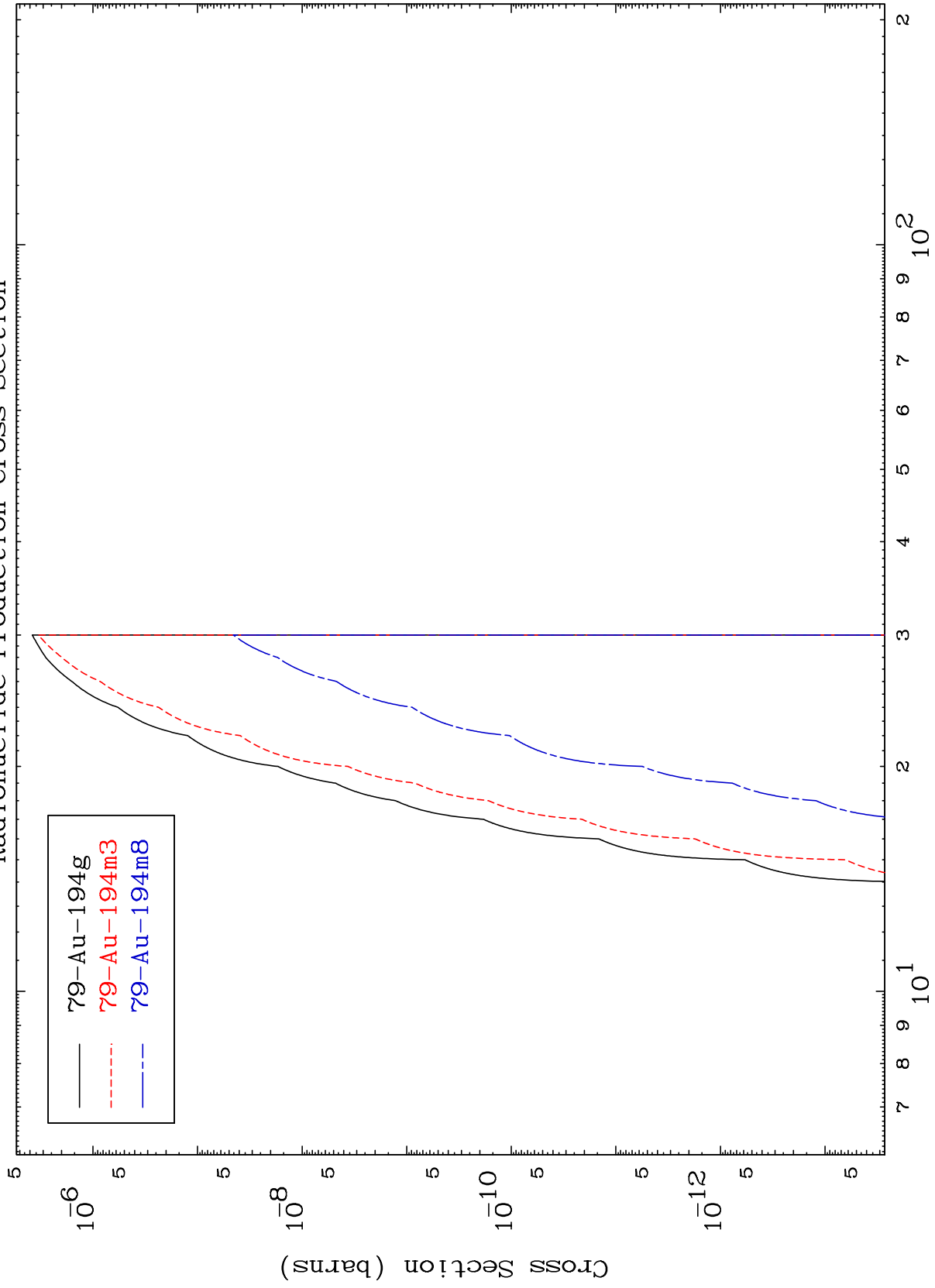
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-Tl-199

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



13

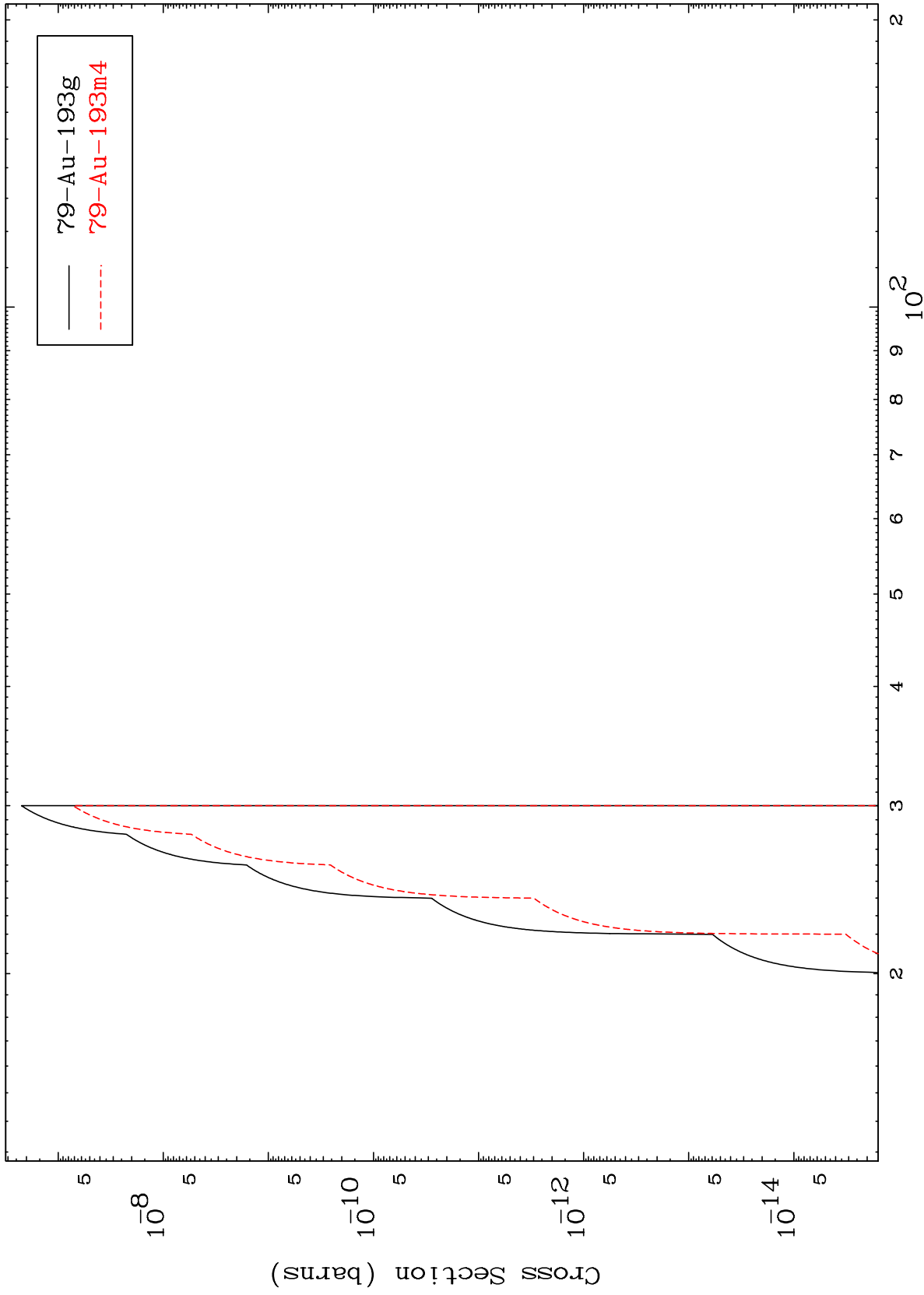
81-Tl-199

MAT 8113

($\gamma, 2n$) α

81-Tl-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

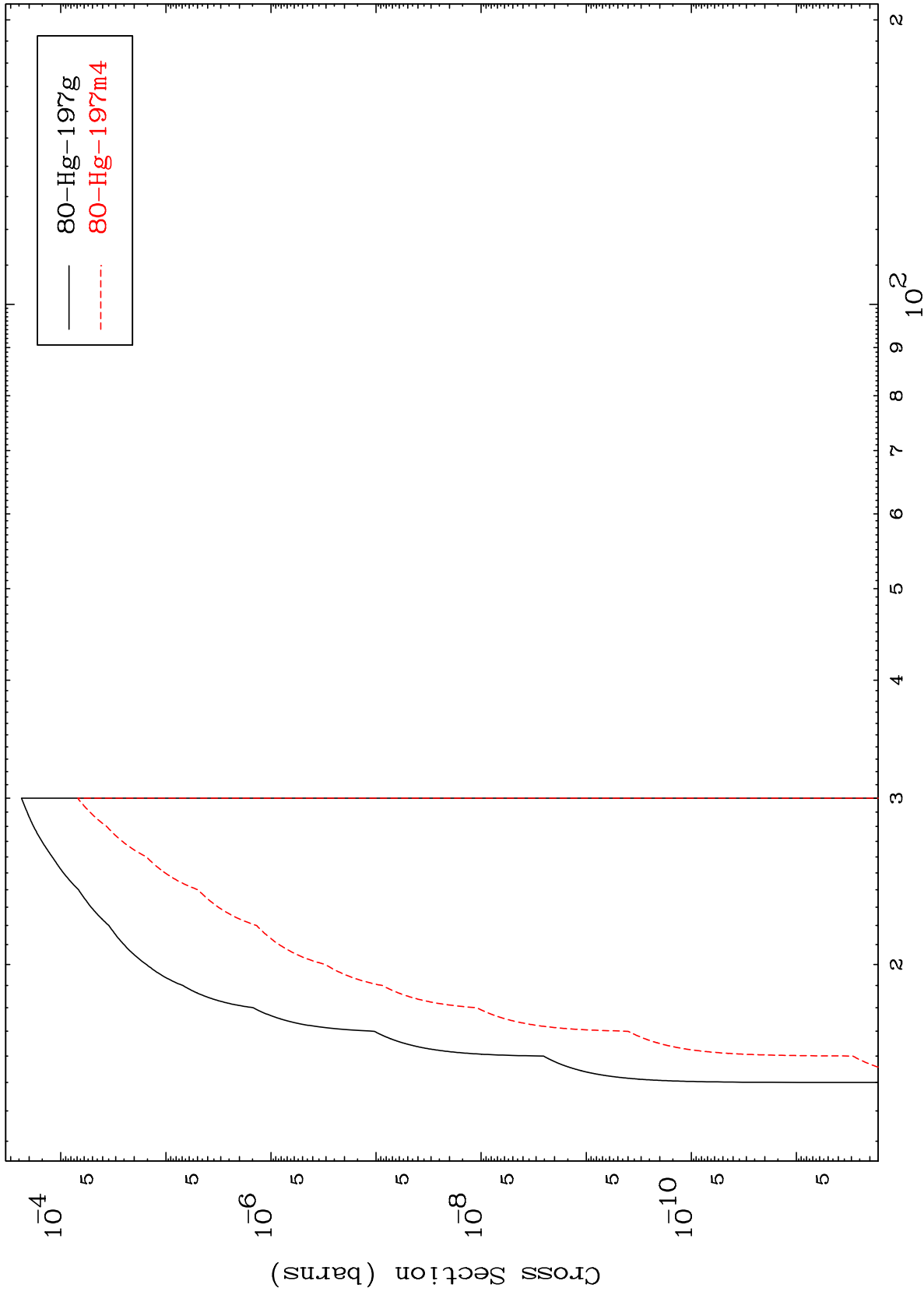
81-Tl-199

MAT 81113

(γ, n') p

81-Tl-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

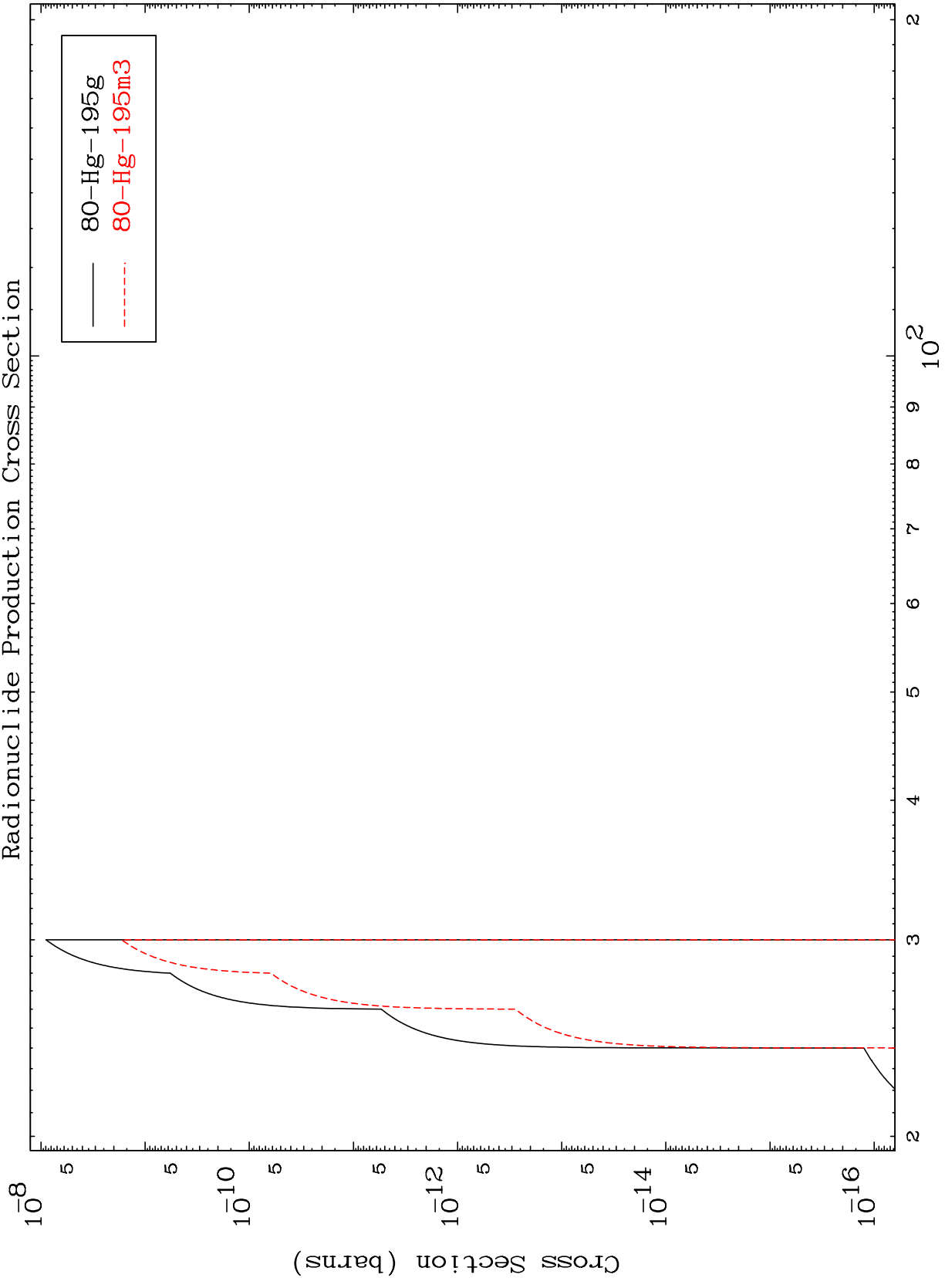
81-Tl-199

MAT 8113

(γ, n') t

81-Tl-199

Radionuclide Production Cross Section



16

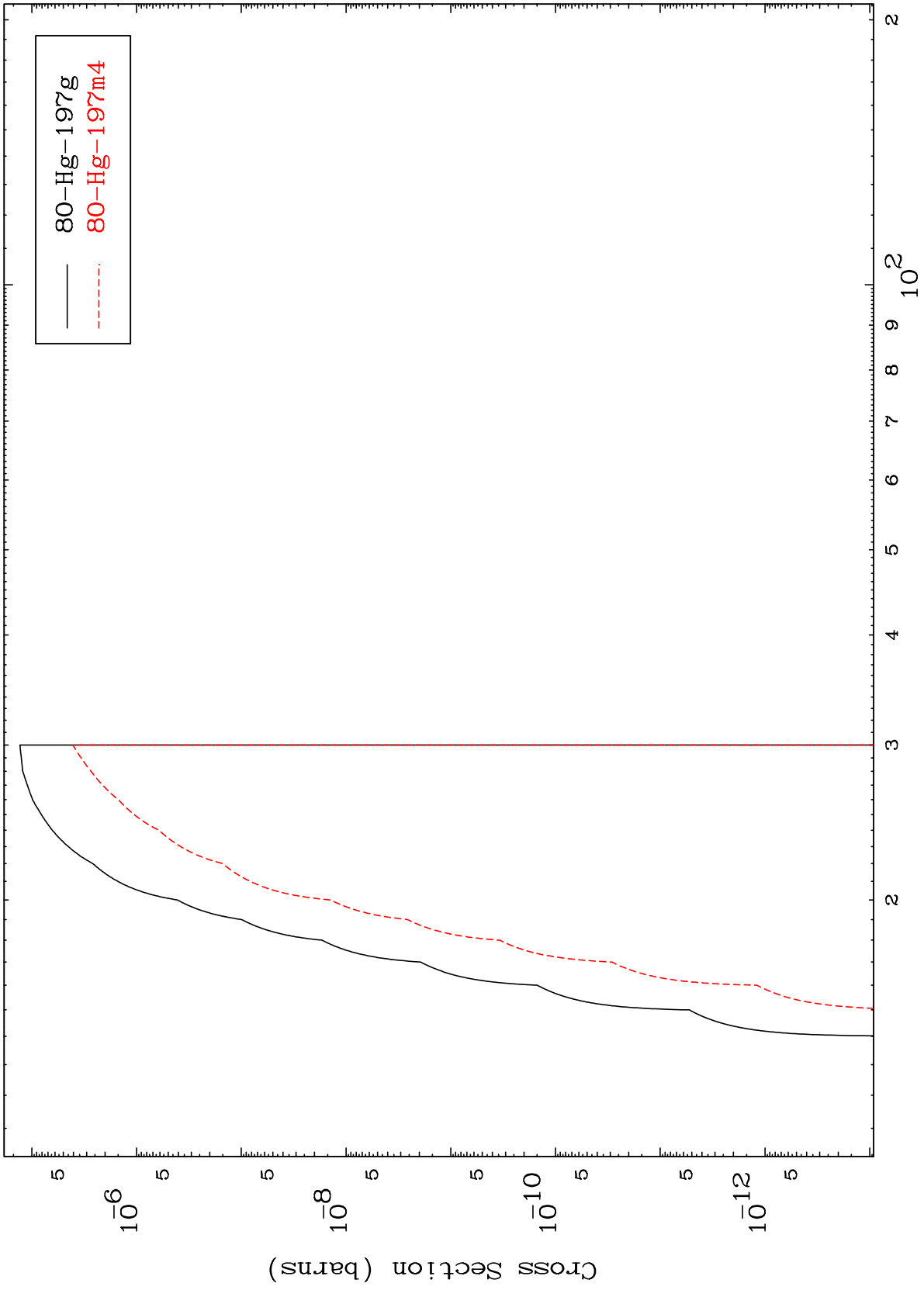
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-Tl-199

(γ, d)
Radionuclide Production Cross Section



17

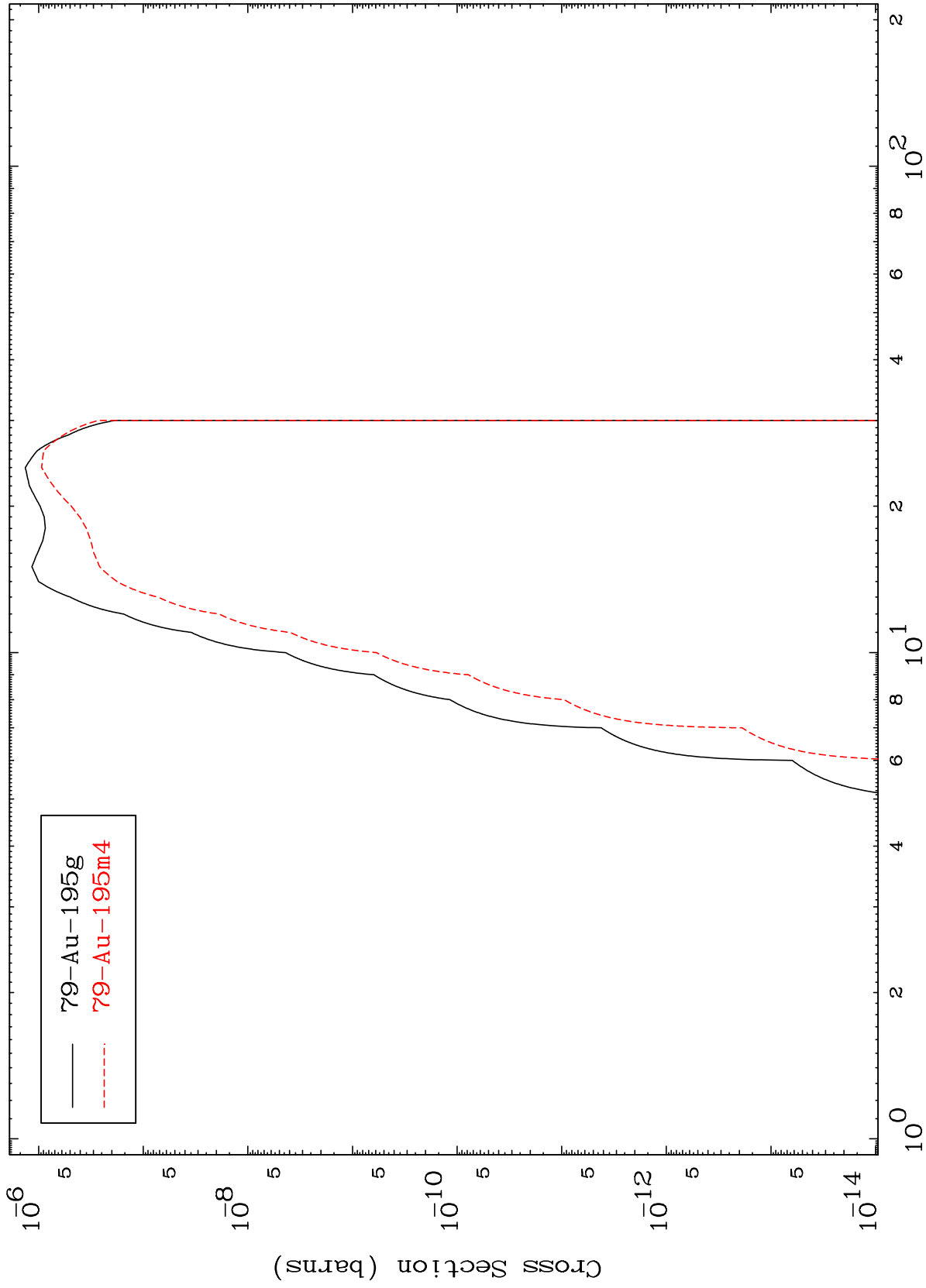
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-Tl-199

Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

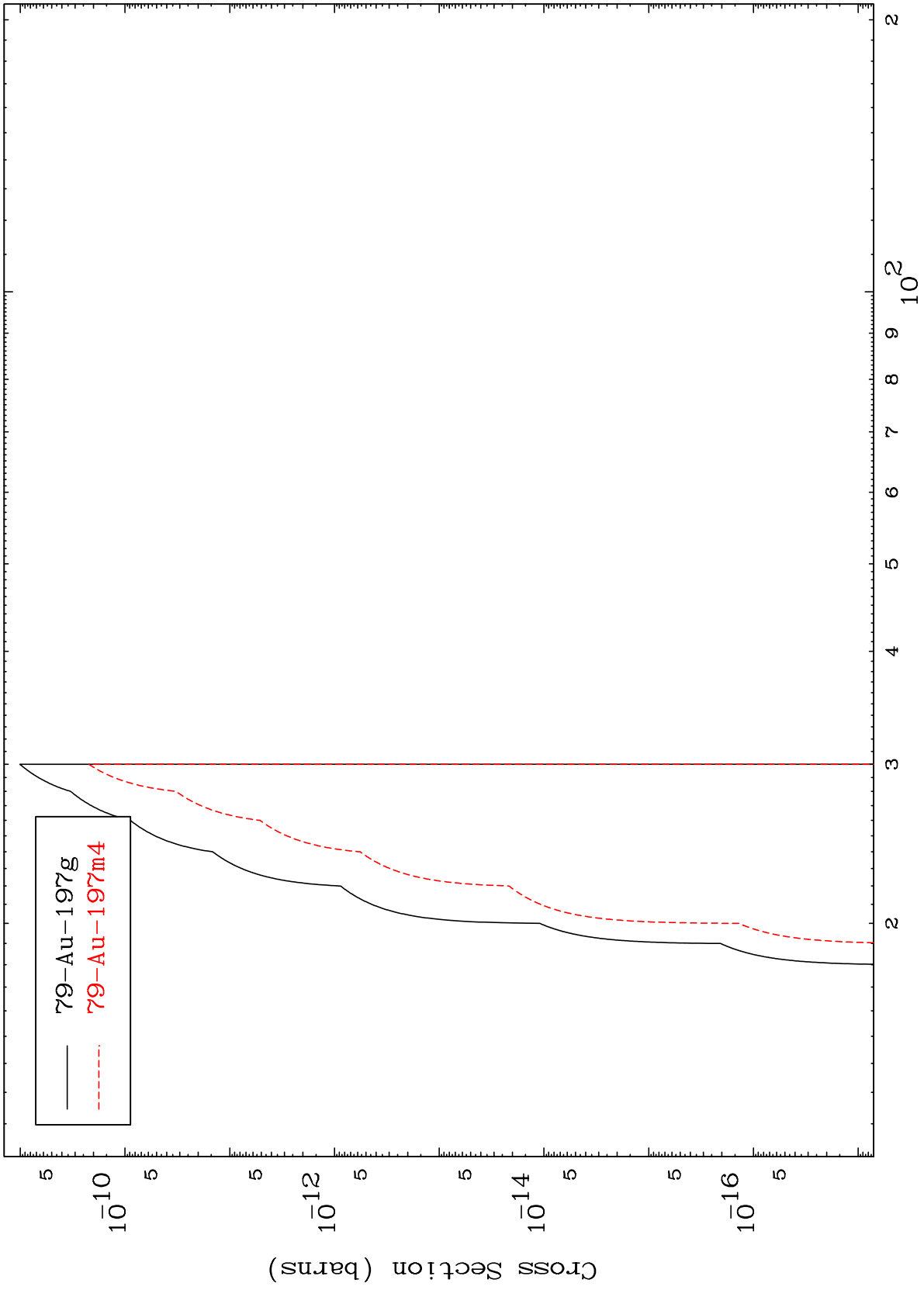
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-Tl-199

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



19

Incident Energy (MeV)

81-Tl-199