

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

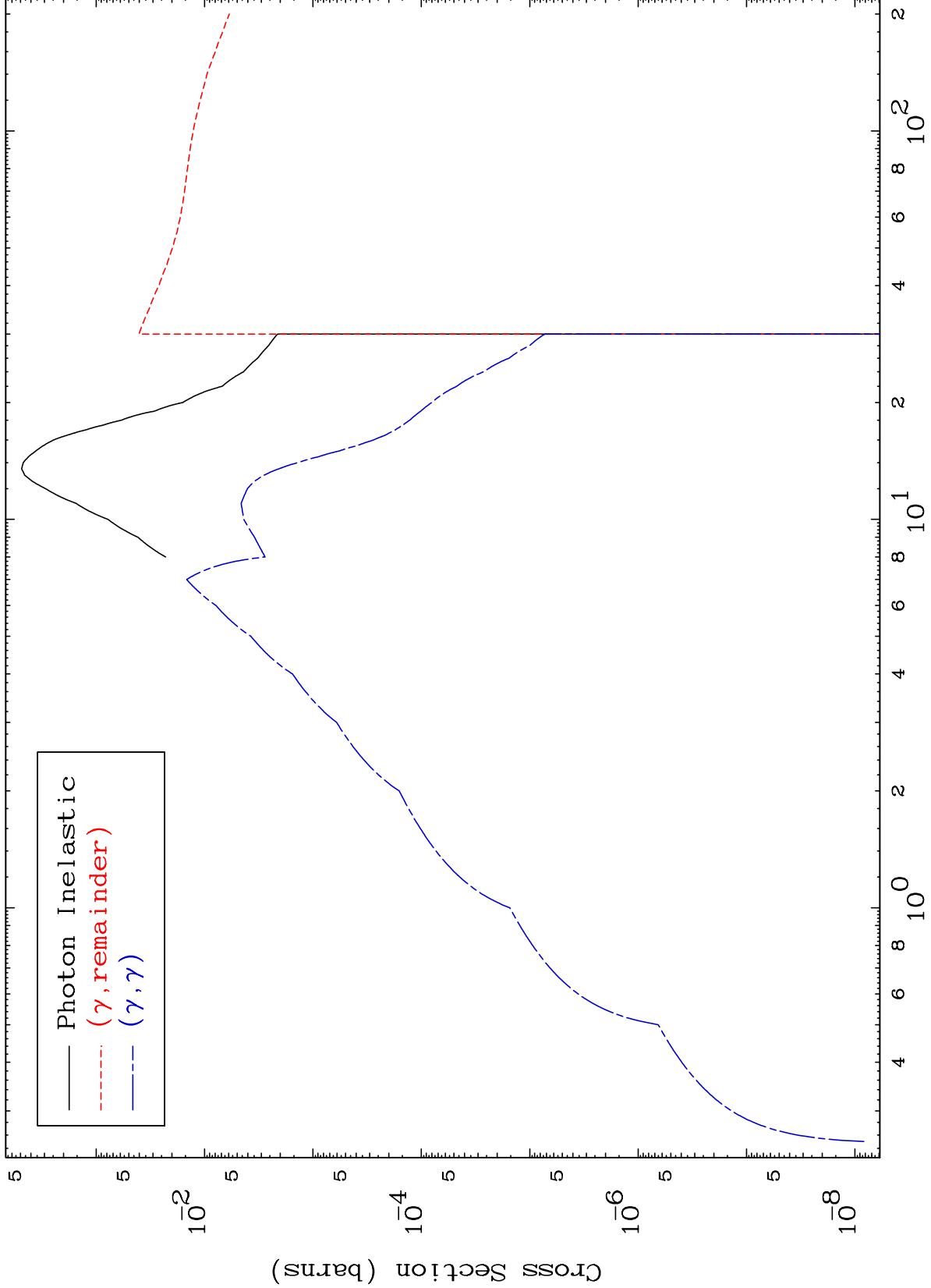
Press Mouse Button to Start

MAT 81116

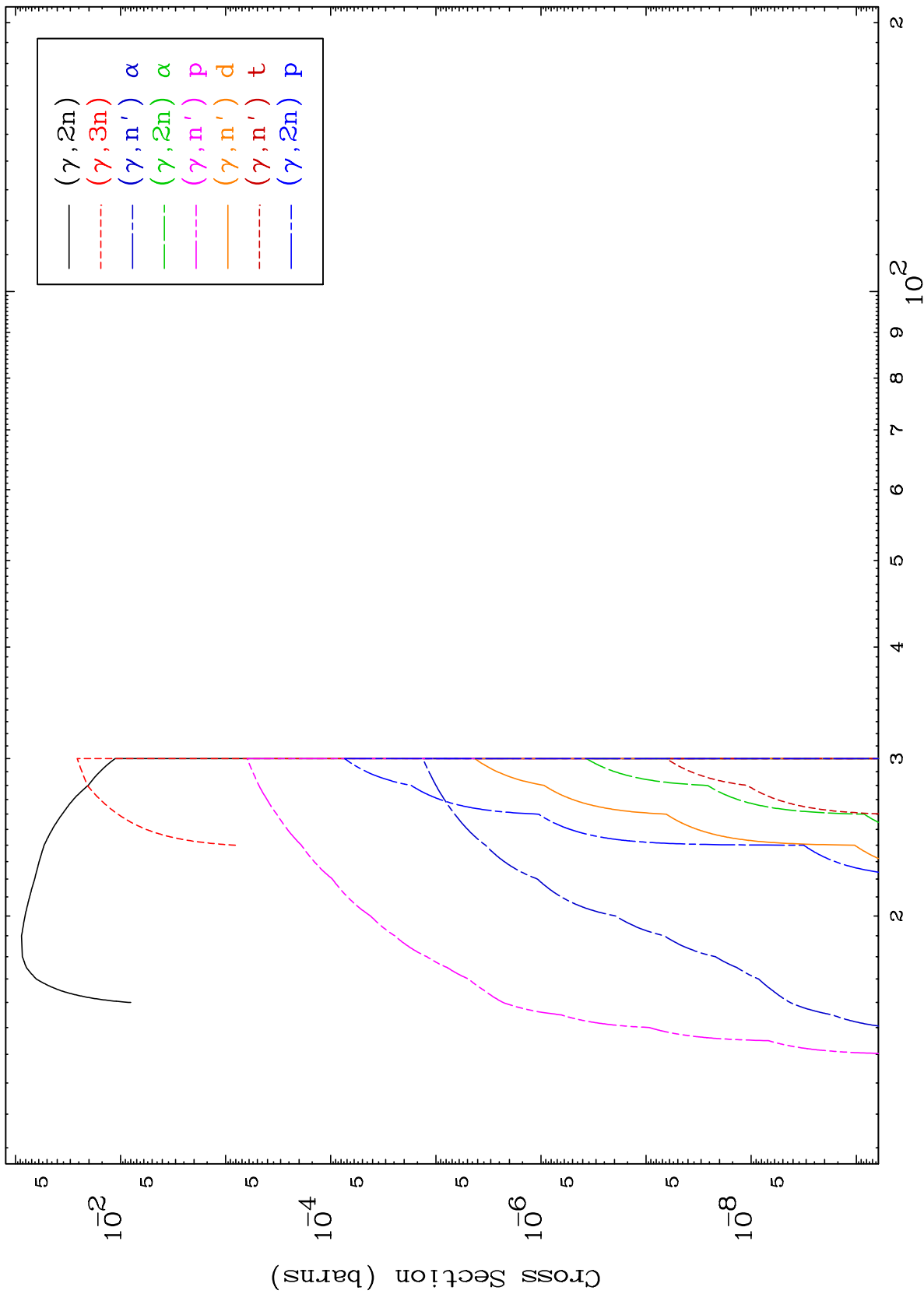
Photon Major

81-Tl-200

0 Kelvin Cross Sections



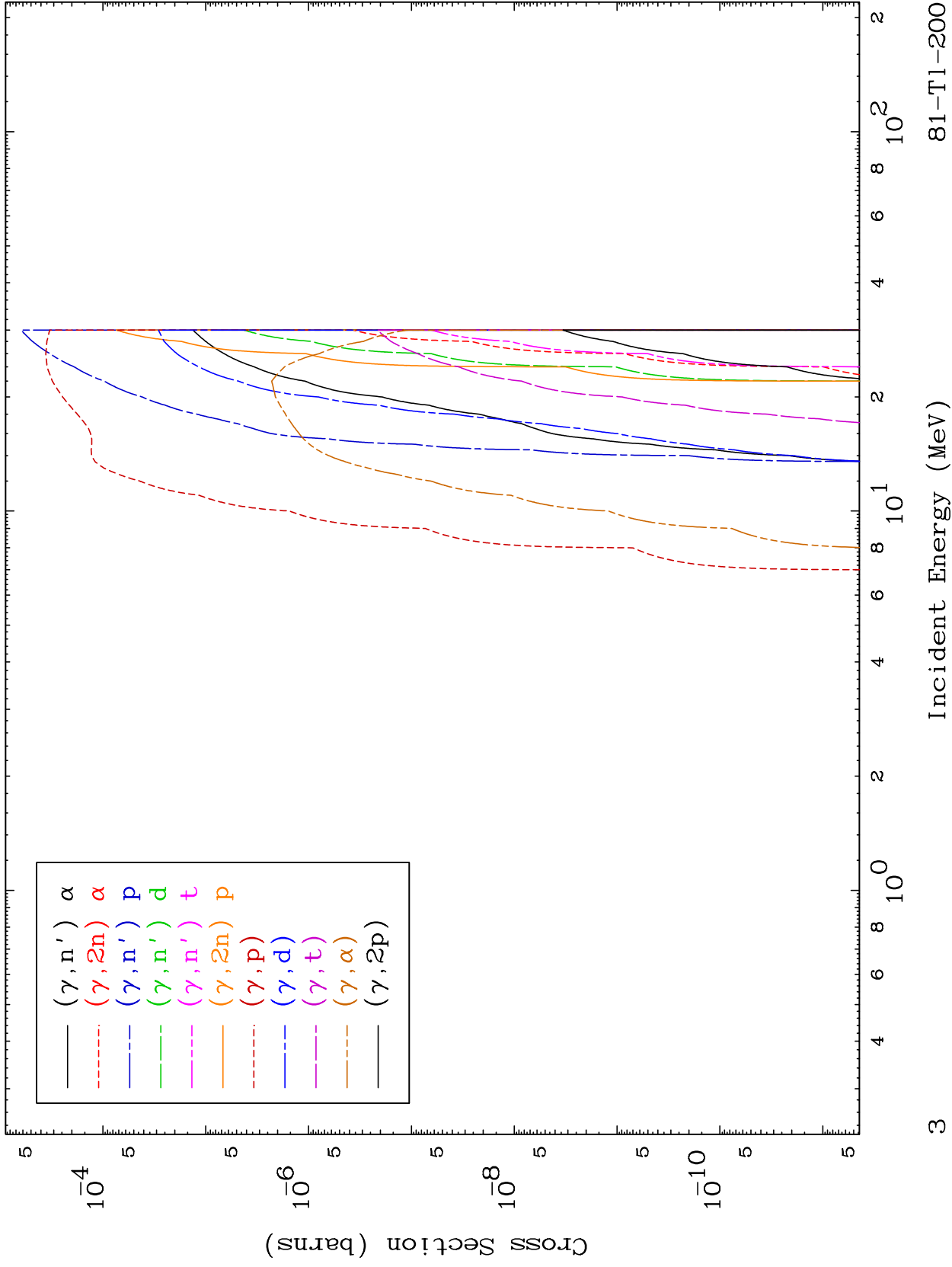
— Photon Inelastic
- - - $(\gamma, \text{remainder})$
- . - (γ, γ)



MAT 81116

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-200

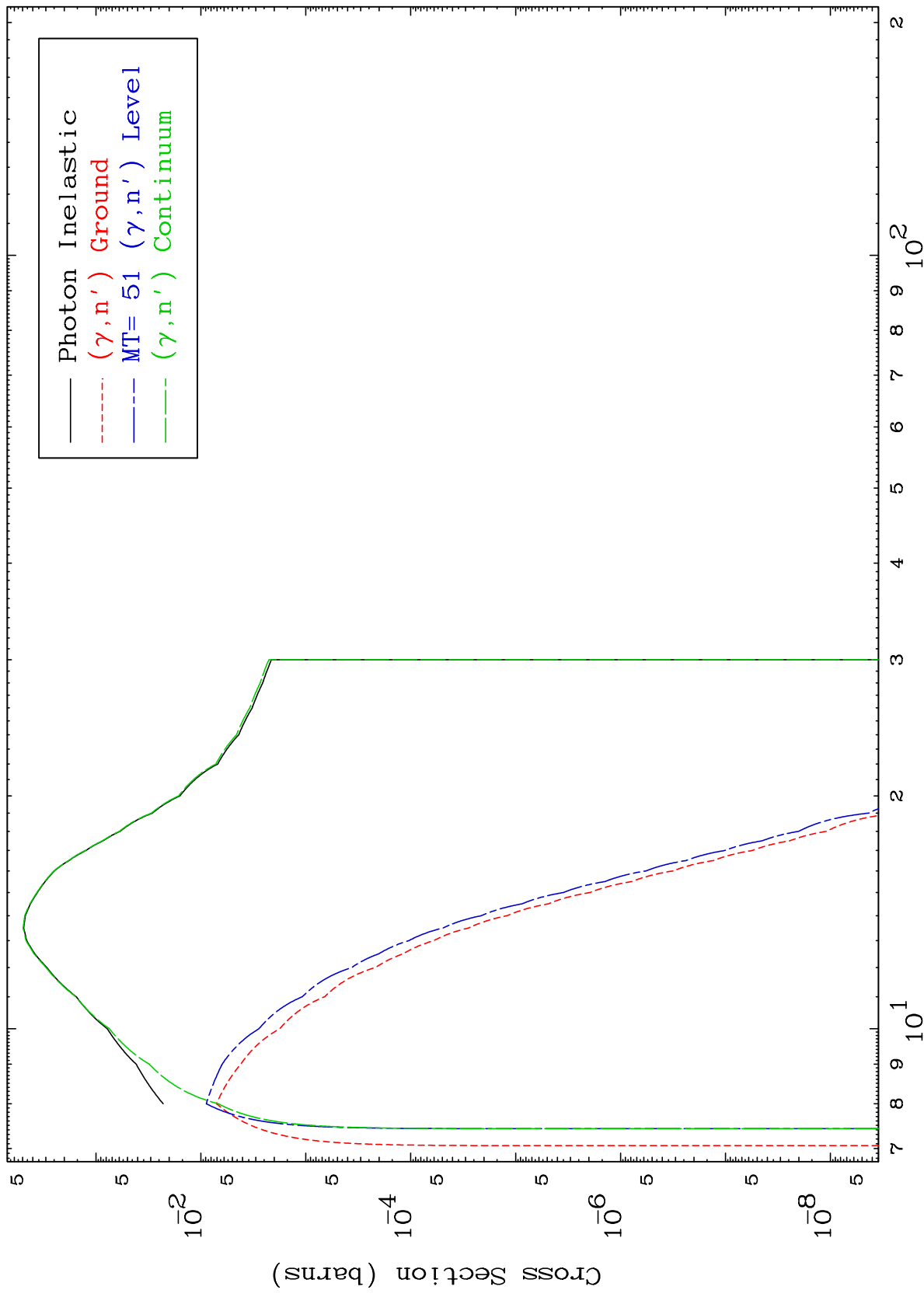


MAT 81116

(γ, n') Level

81-T1-200

0 Kelvin Cross Sections



4

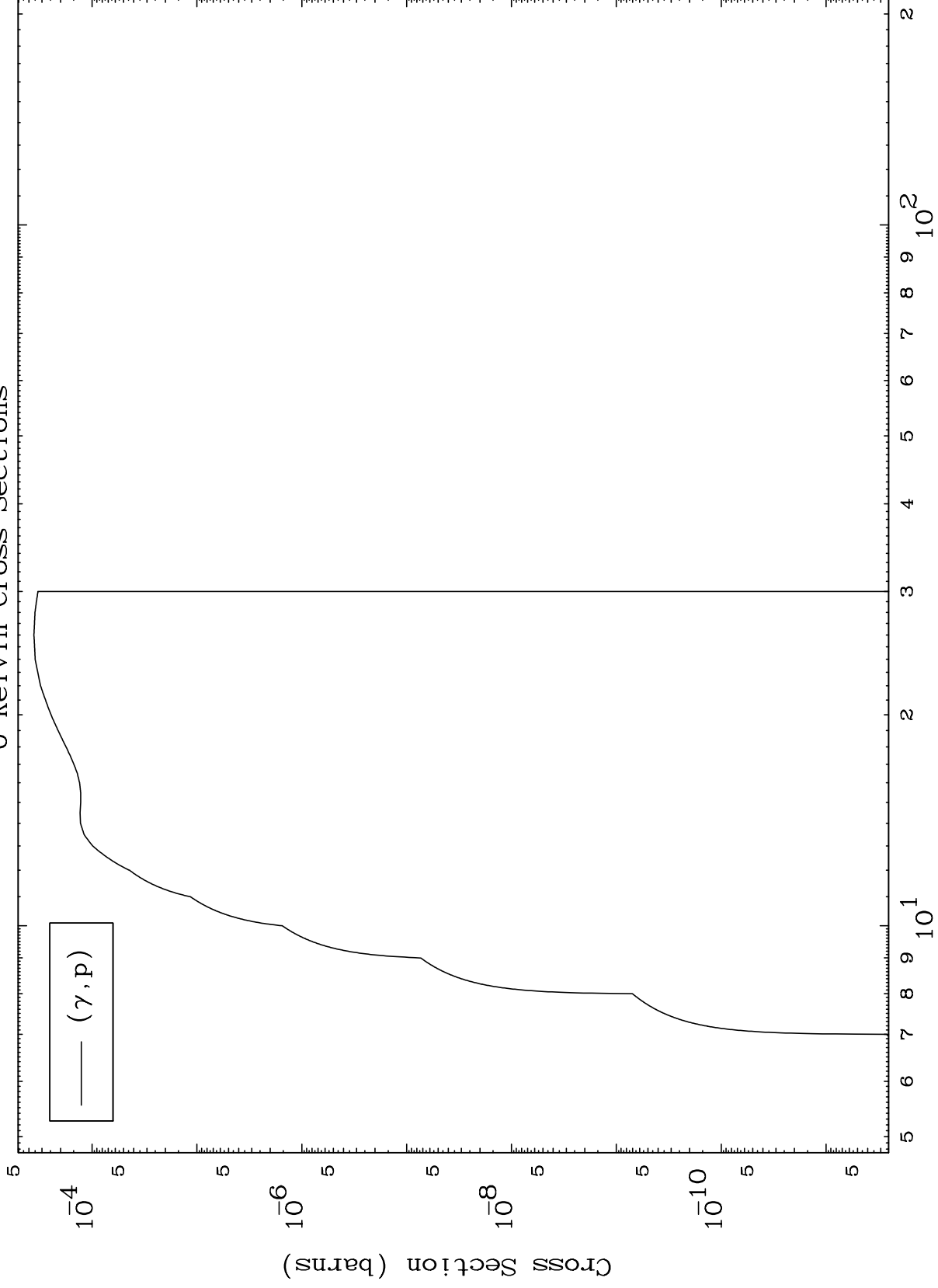
Incident Energy (MeV)

81-T1-200

MAT 81116

(γ, p) Levels
0 Kelvin Cross Sections

81-T1-200



5

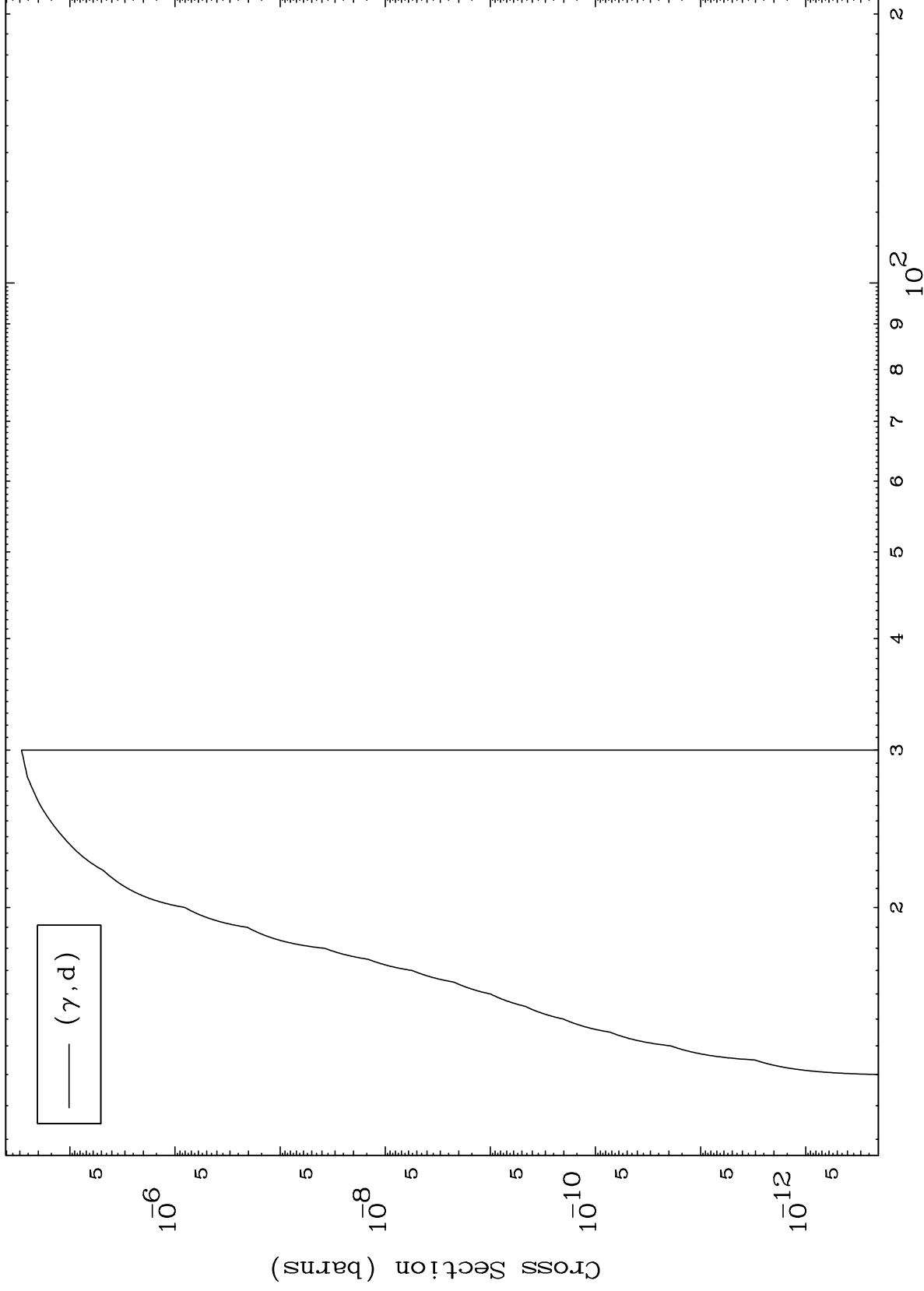
Incident Energy (MeV)

81-T1-200

MAT 81116

(γ, d) Levels
0 Kelvin Cross Sections

81-Tl-200



6

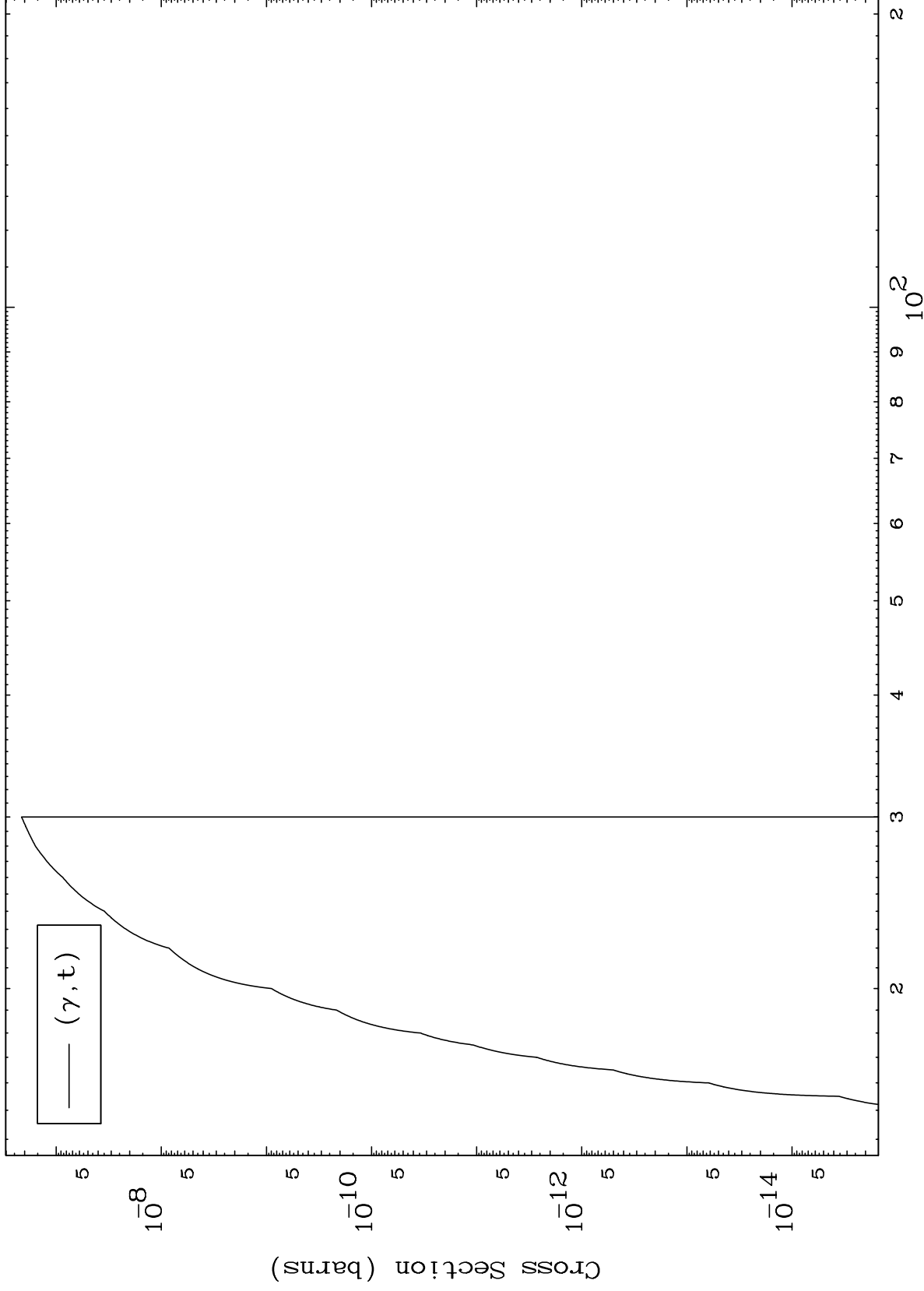
Incident Energy (MeV)

81-Tl-200

MAT 81116

(γ, t) Levels
0 Kelvin Cross Sections

81-Tl-200

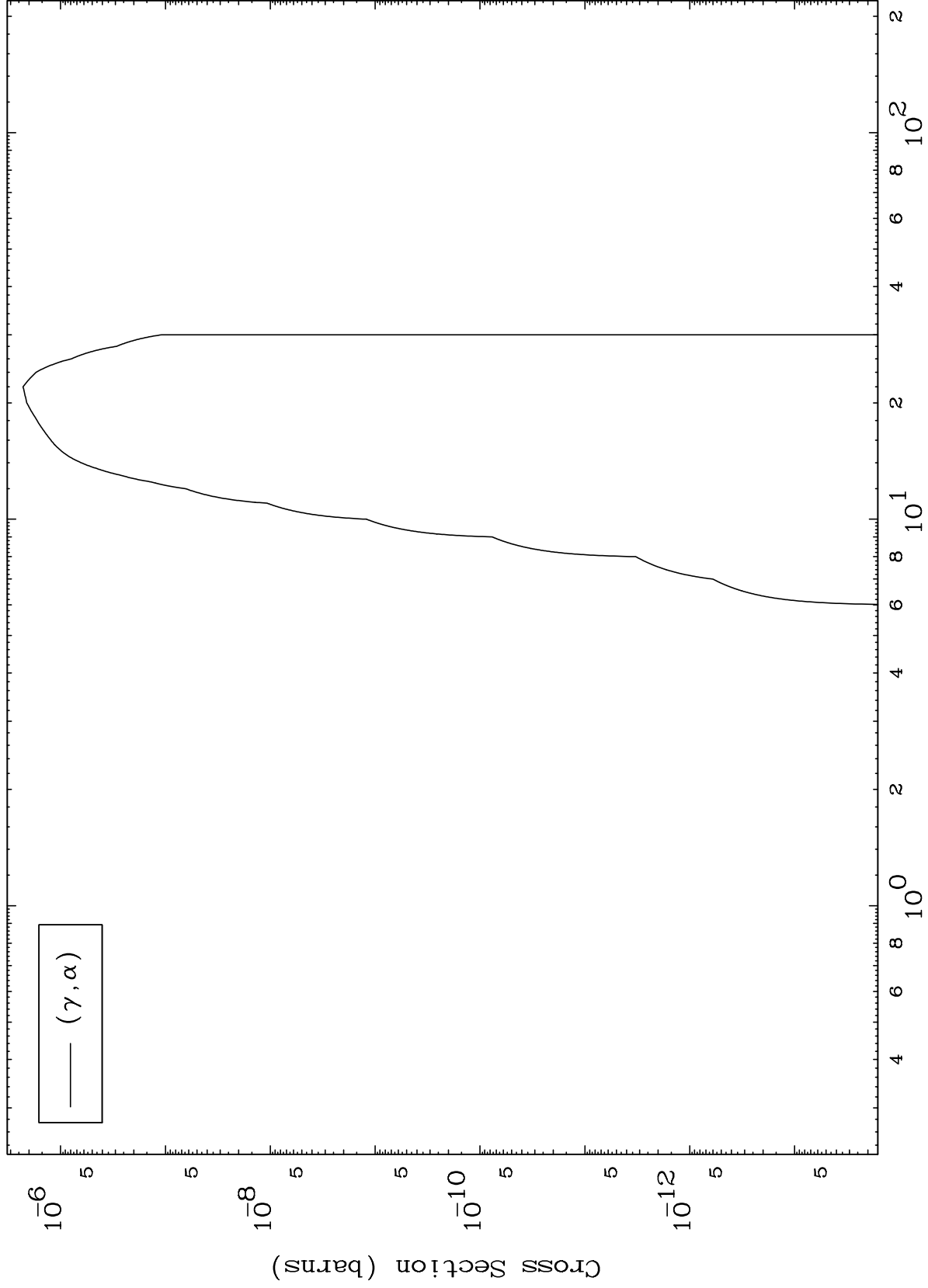


MAT 81116

(γ, α) Levels

81-Tl-200

0 Kelvin Cross Sections



8

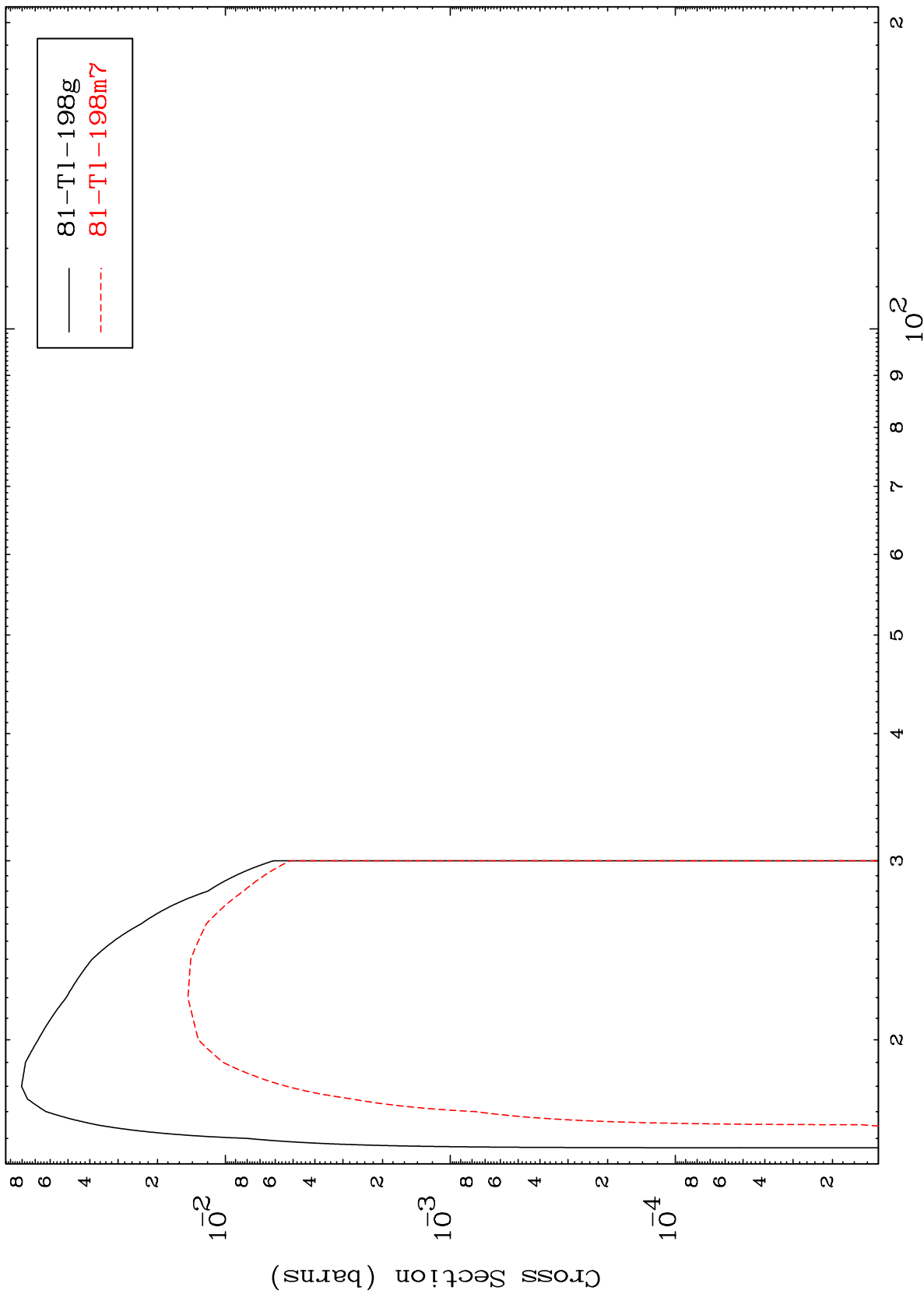
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

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



9

Incident Energy (MeV)

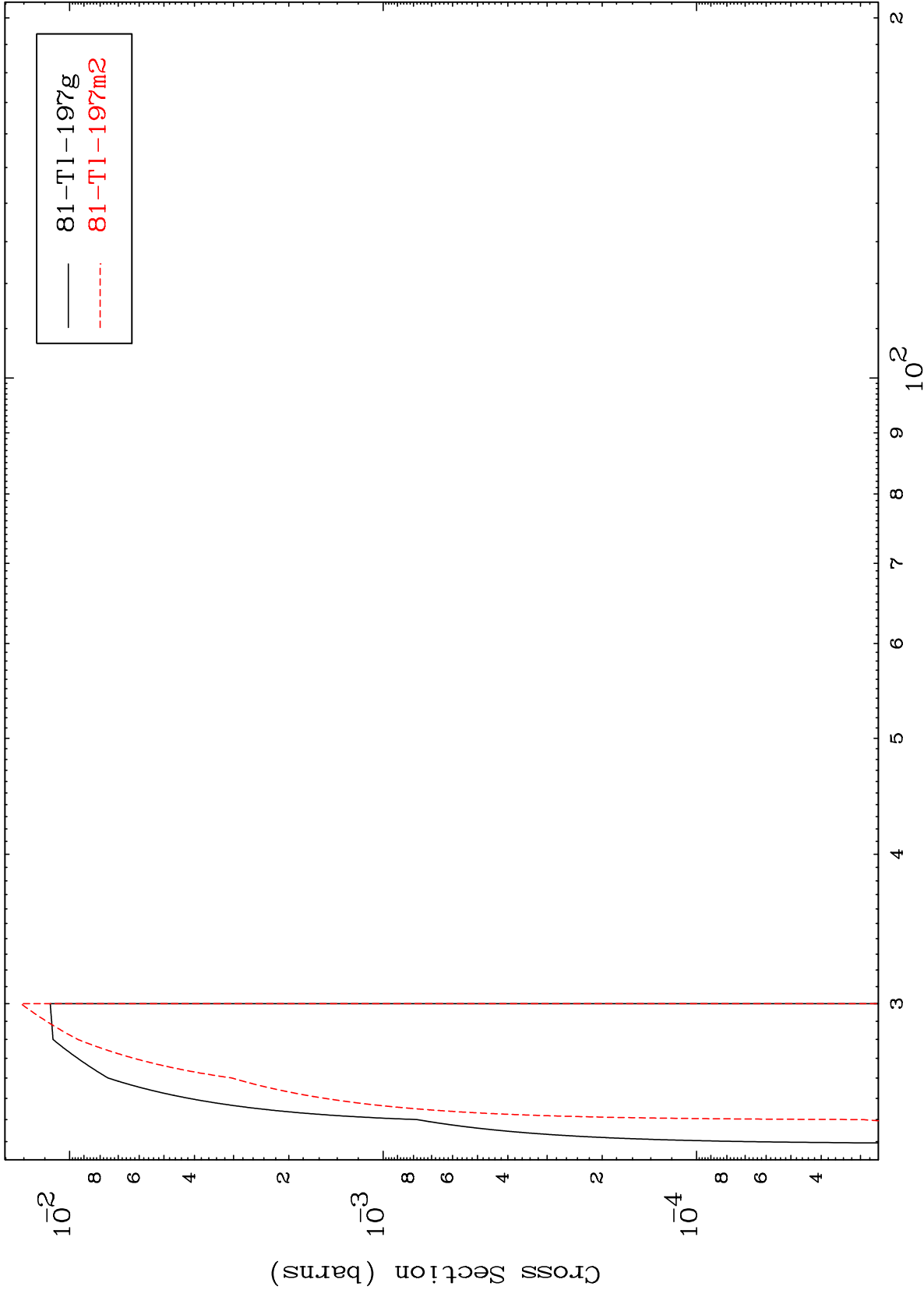
81-Tl-200

MAT 81116

($\gamma, 3n$)

81-Tl-200

Radionuclide Production Cross Section



10

Incident Energy (MeV)

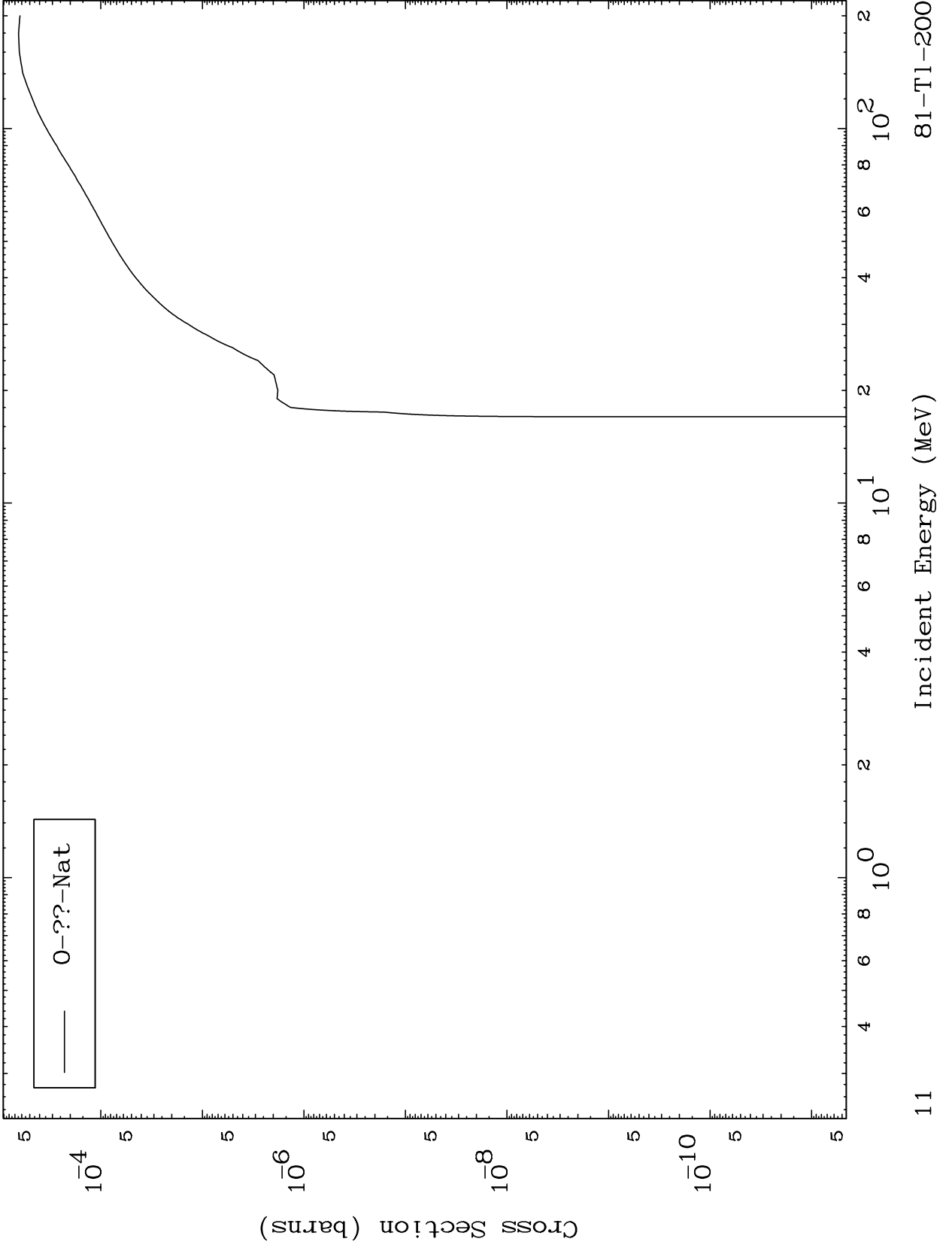
81-Tl-200

MAT 81116

Photon Fission

81-Tl-200

Radionuclide Production Cross Section

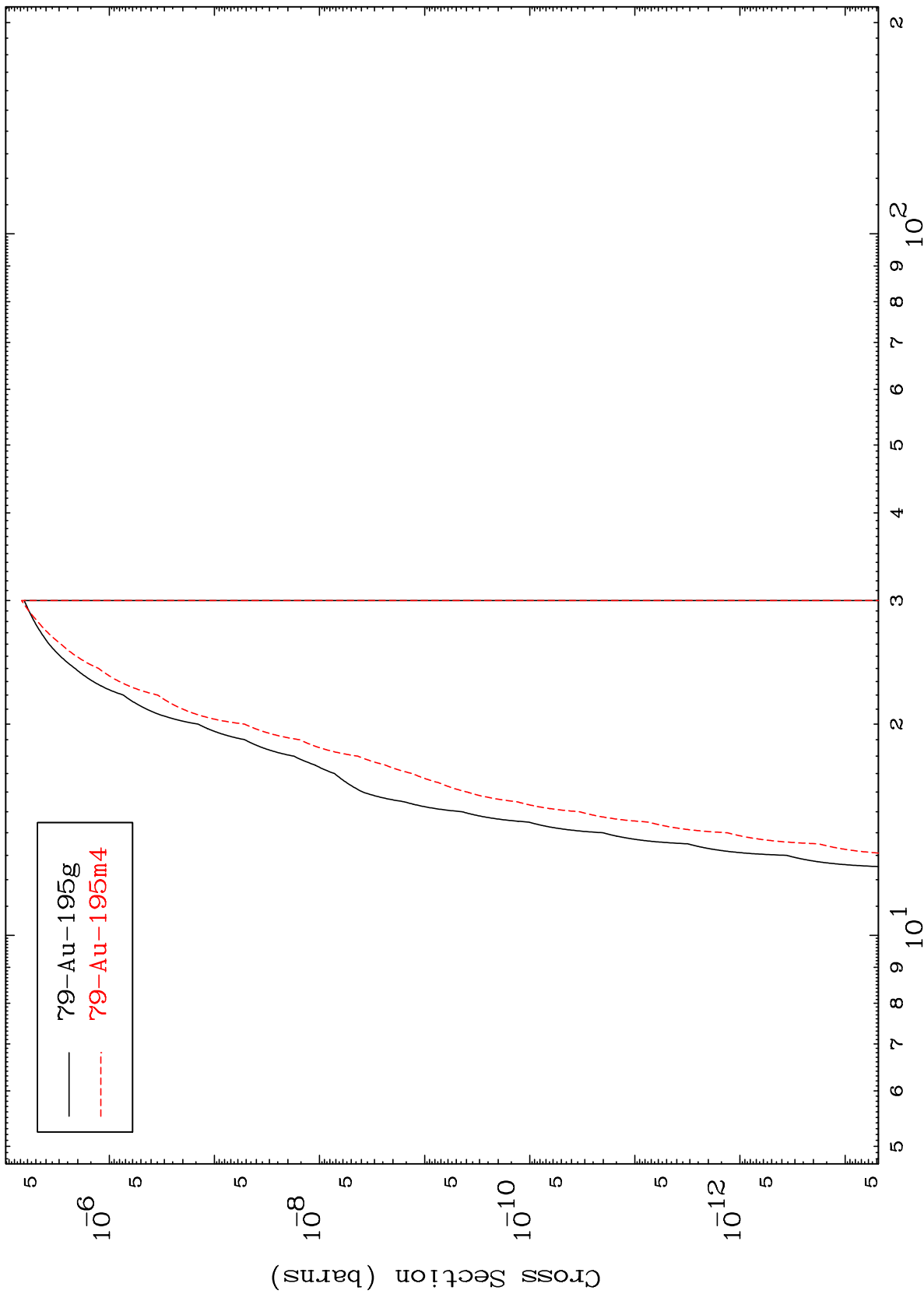


MAT 81116

(γ, n') α

81-Tl-200

Radionuclide Production Cross Section



12

Incident Energy (MeV)

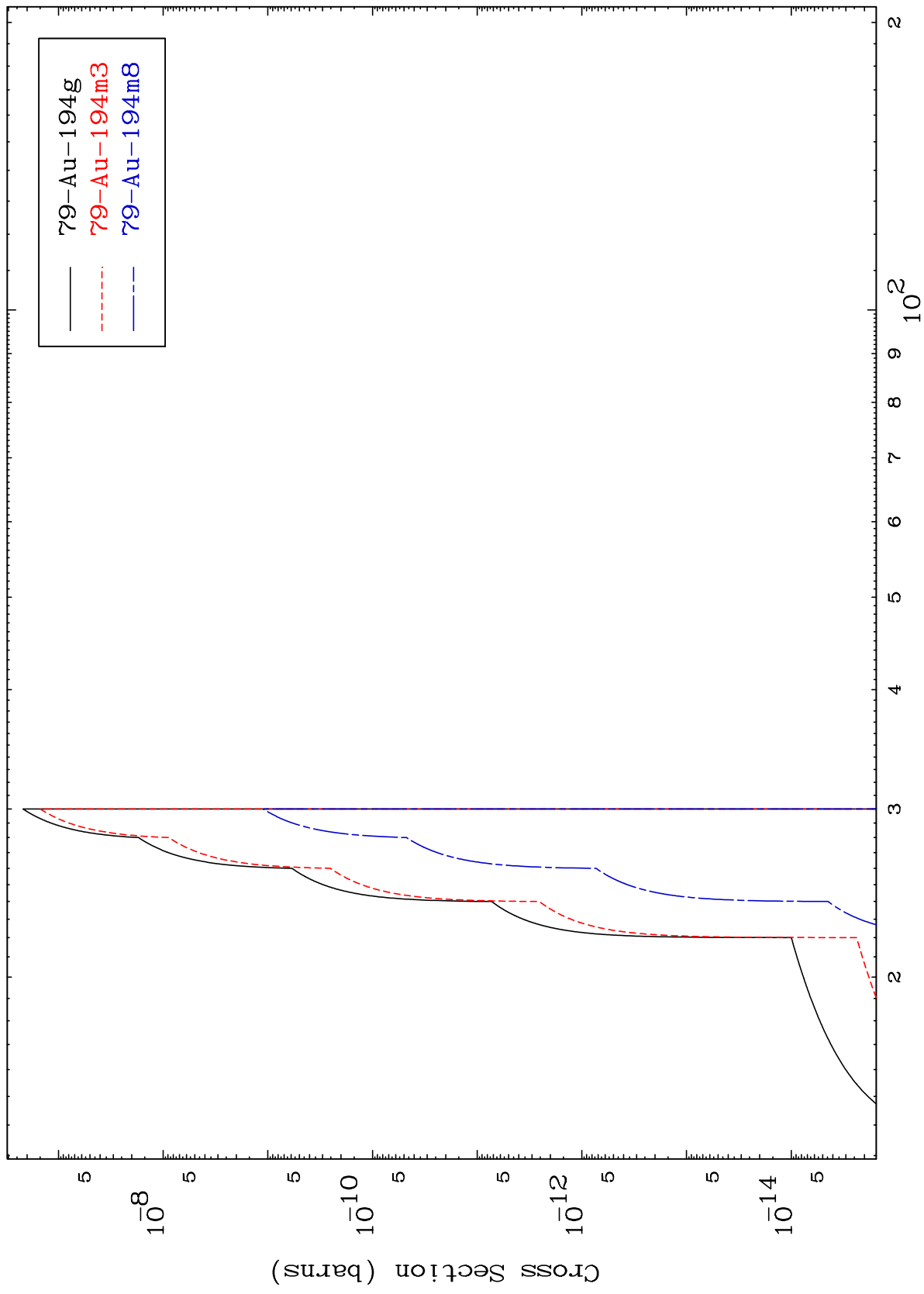
81-Tl-200

MAT 81116

$(\gamma, 2n) \alpha$

81-Tl-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

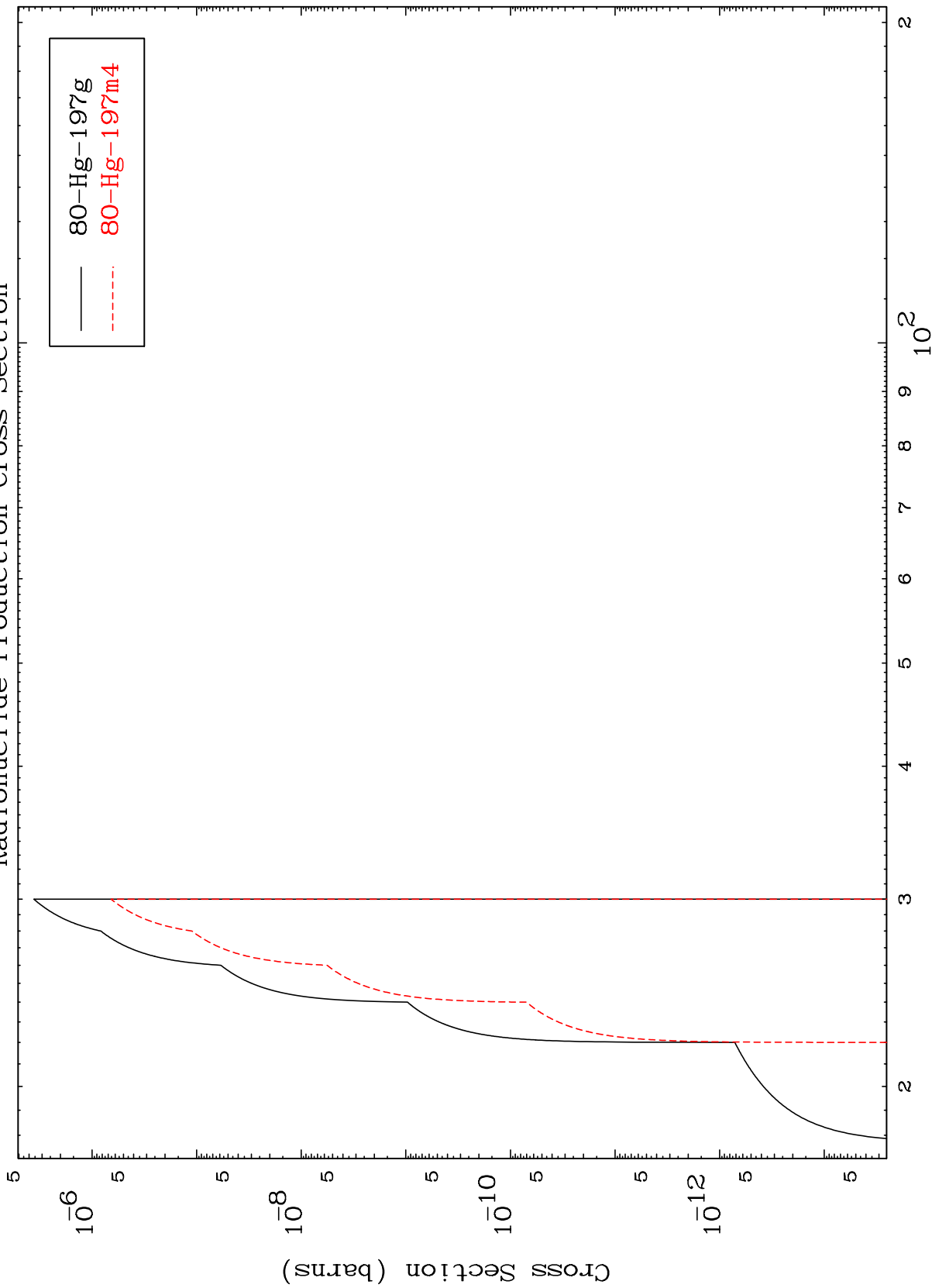
81-Tl-200

MAT 81116

(γ, n') d

81-Tl-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

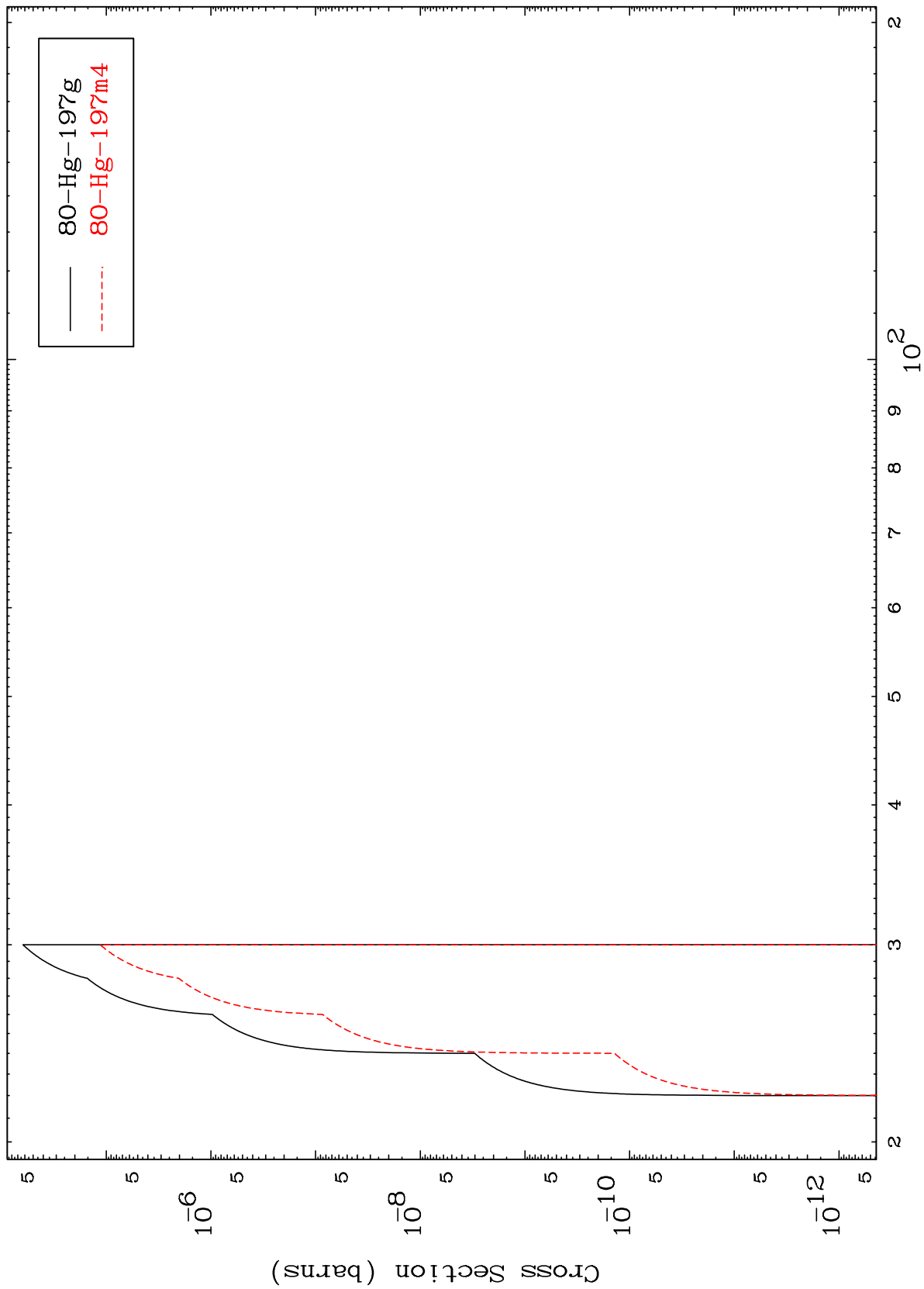
81-Tl-200

MAT 81116

$(\gamma, 2n)$ p

81-Tl-200

Radionuclide Production Cross Section



15

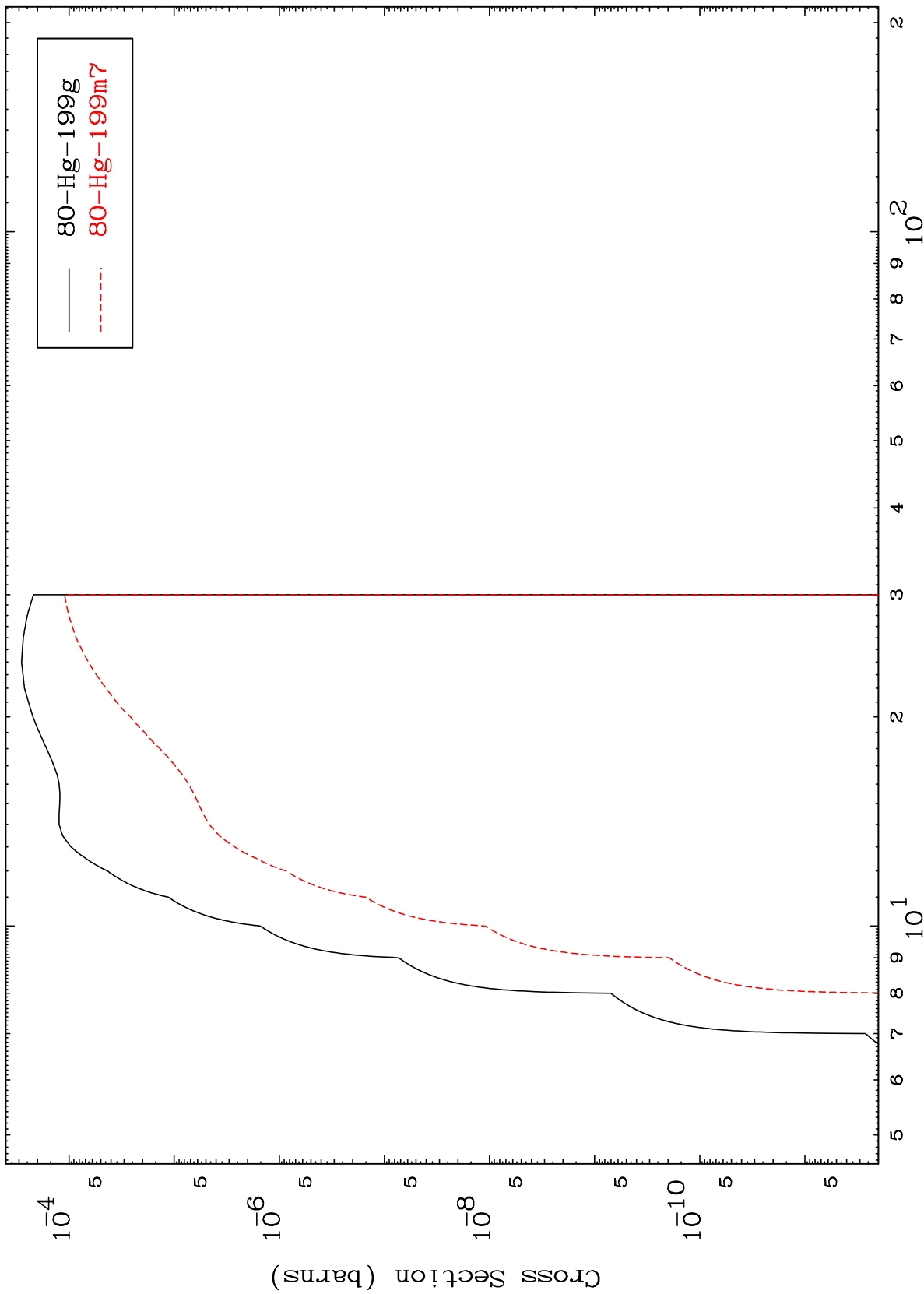
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(γ, p)
Radionuclide Production Cross Section



16

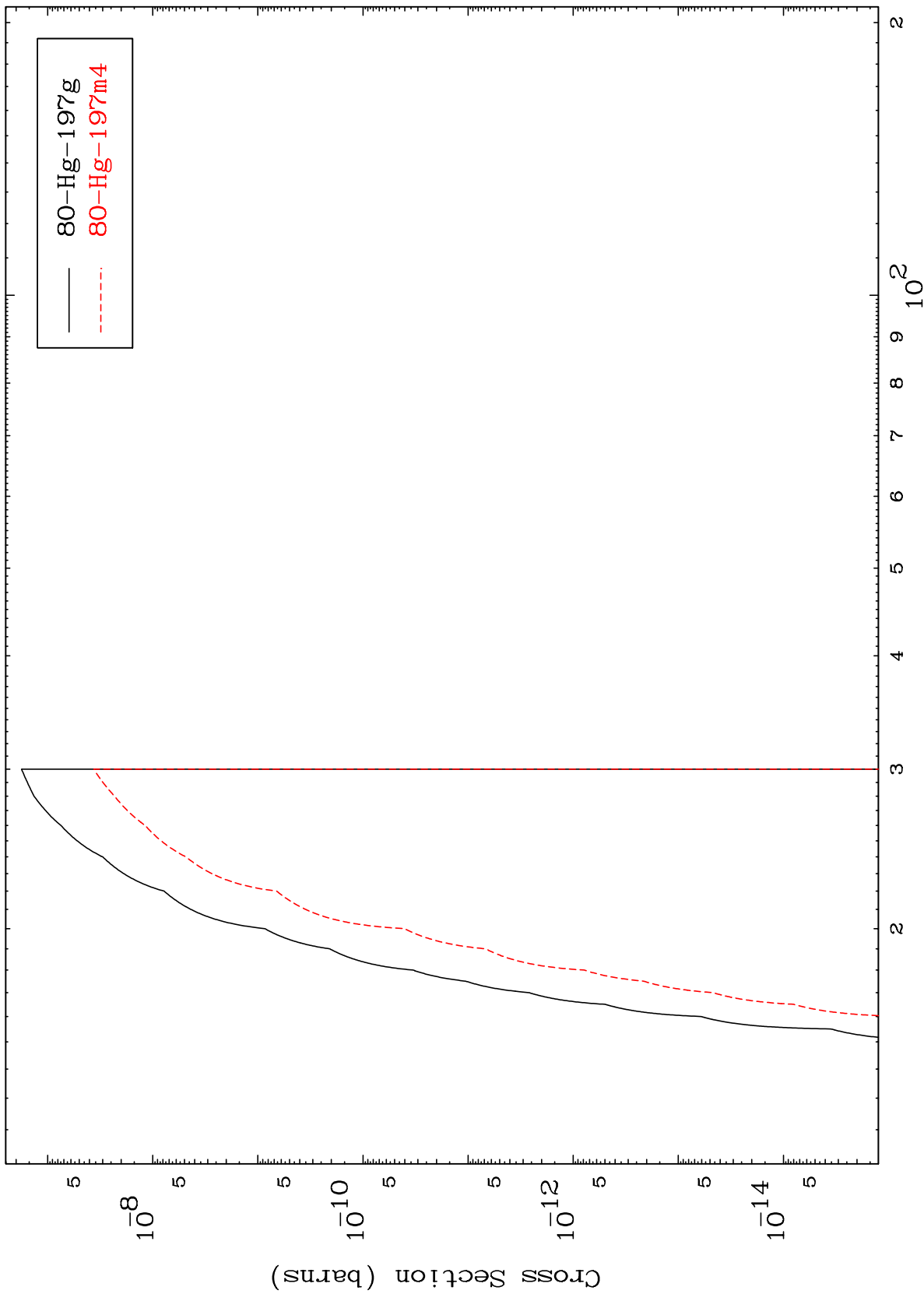
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(γ, t)
Radionuclide Production Cross Section



17

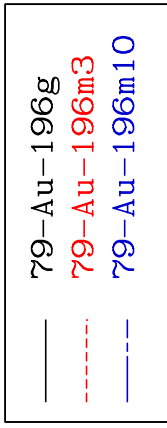
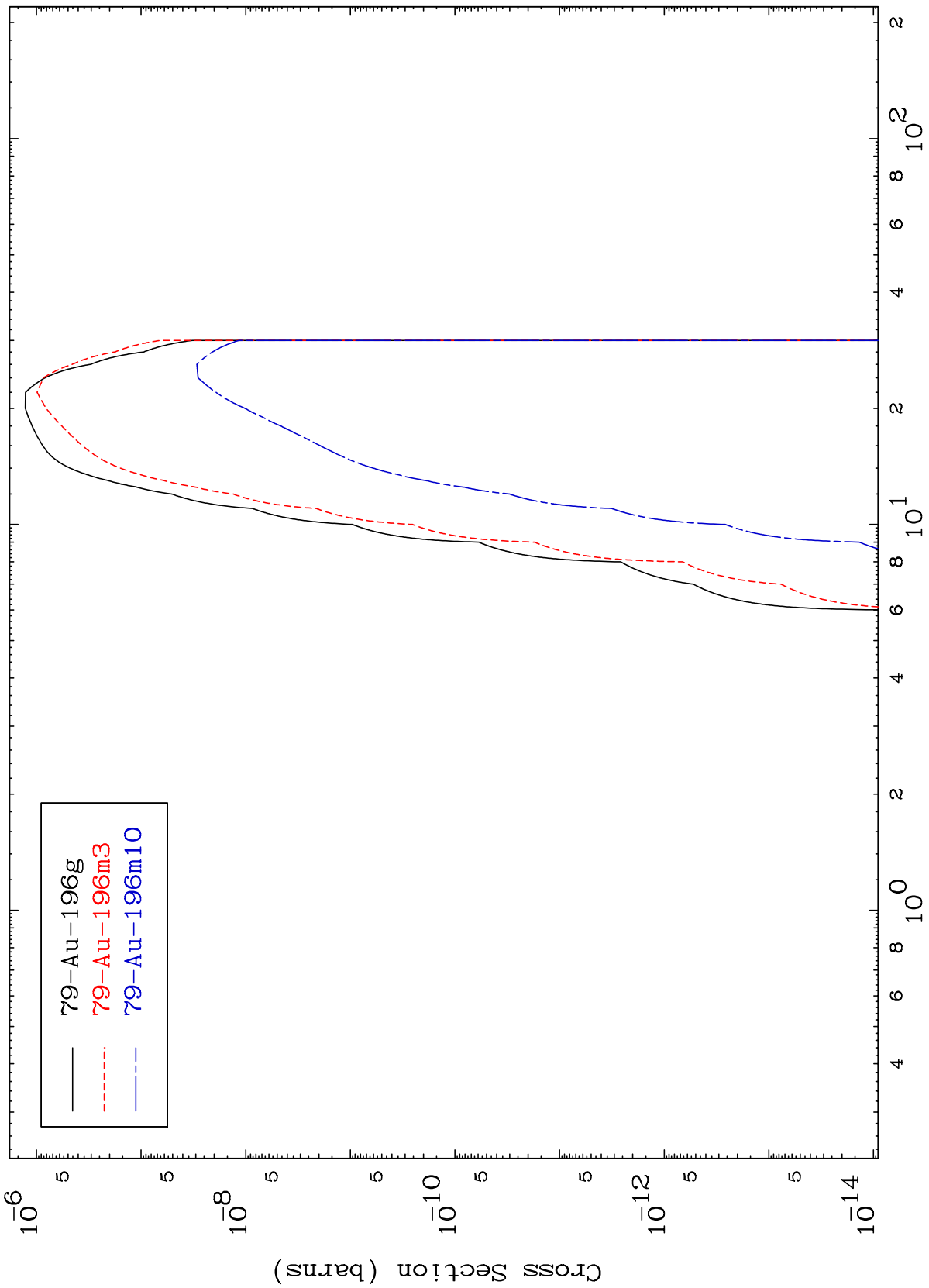
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(γ, α)
Radionuclide Production Cross Section



81-Tl-200

Incident Energy (MeV)

18

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

