

Program EVALPLOT
(Version 2017-1)

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

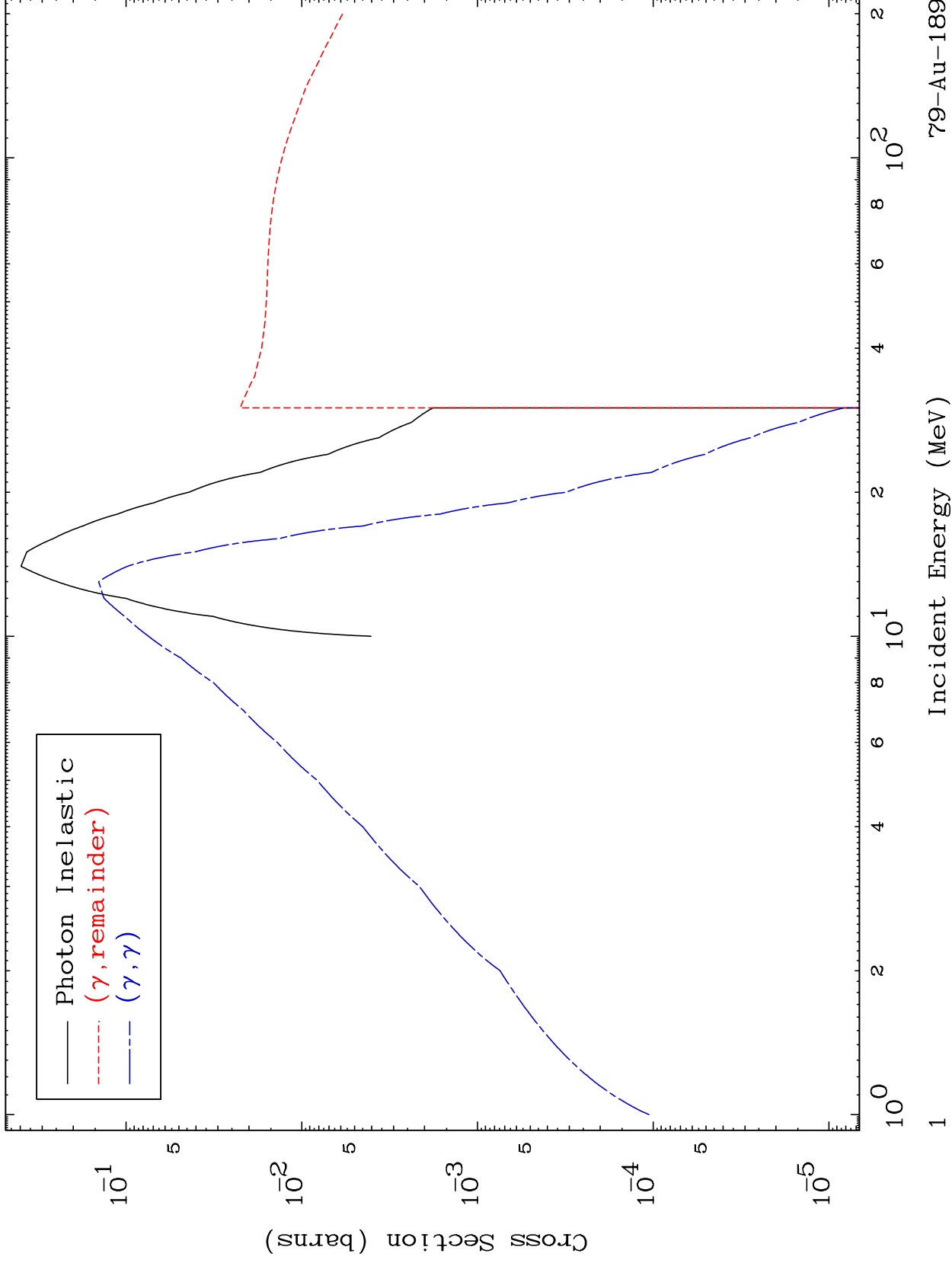
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7902

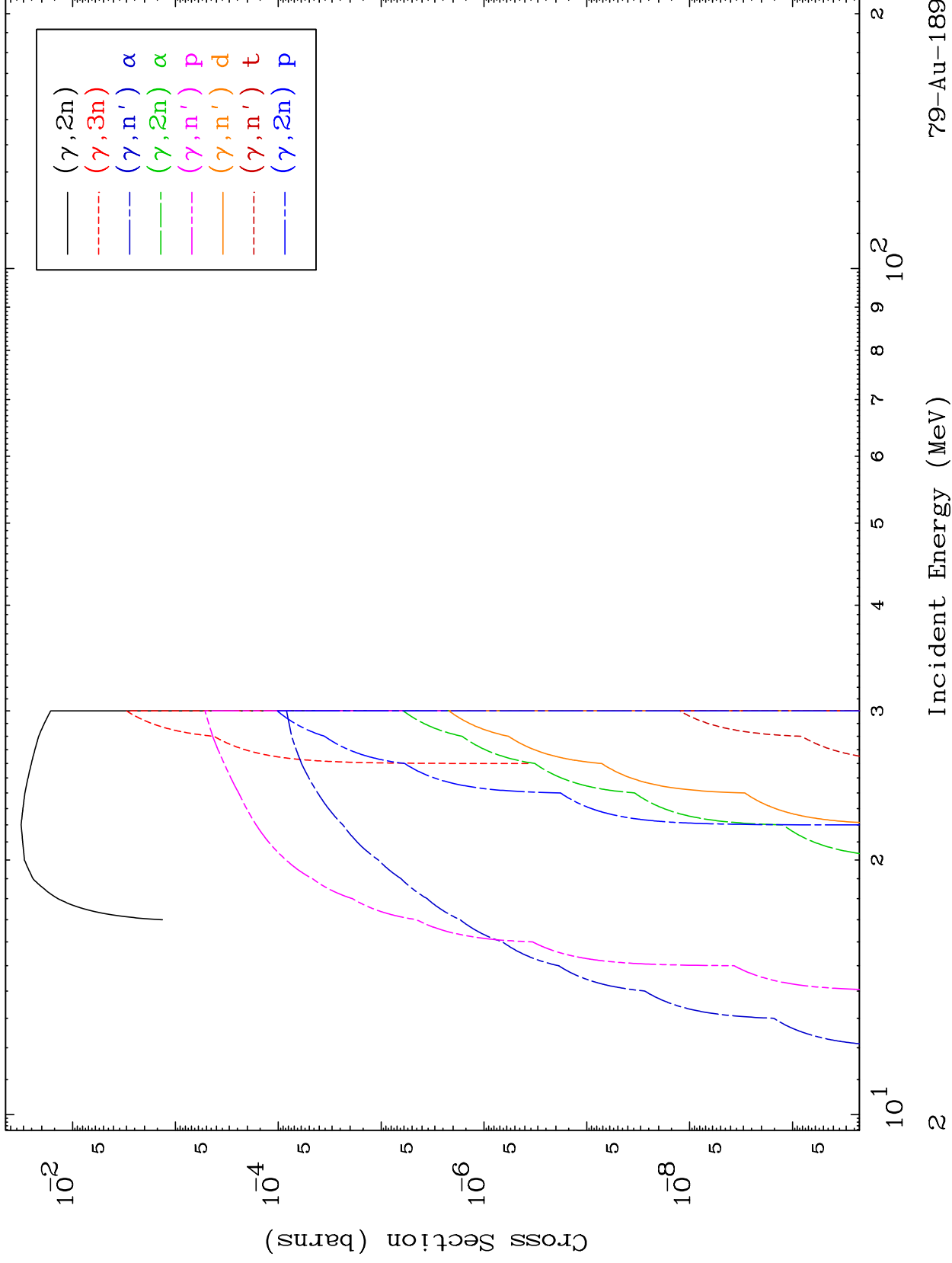
Photon Major
0 Kelvin Cross Sections

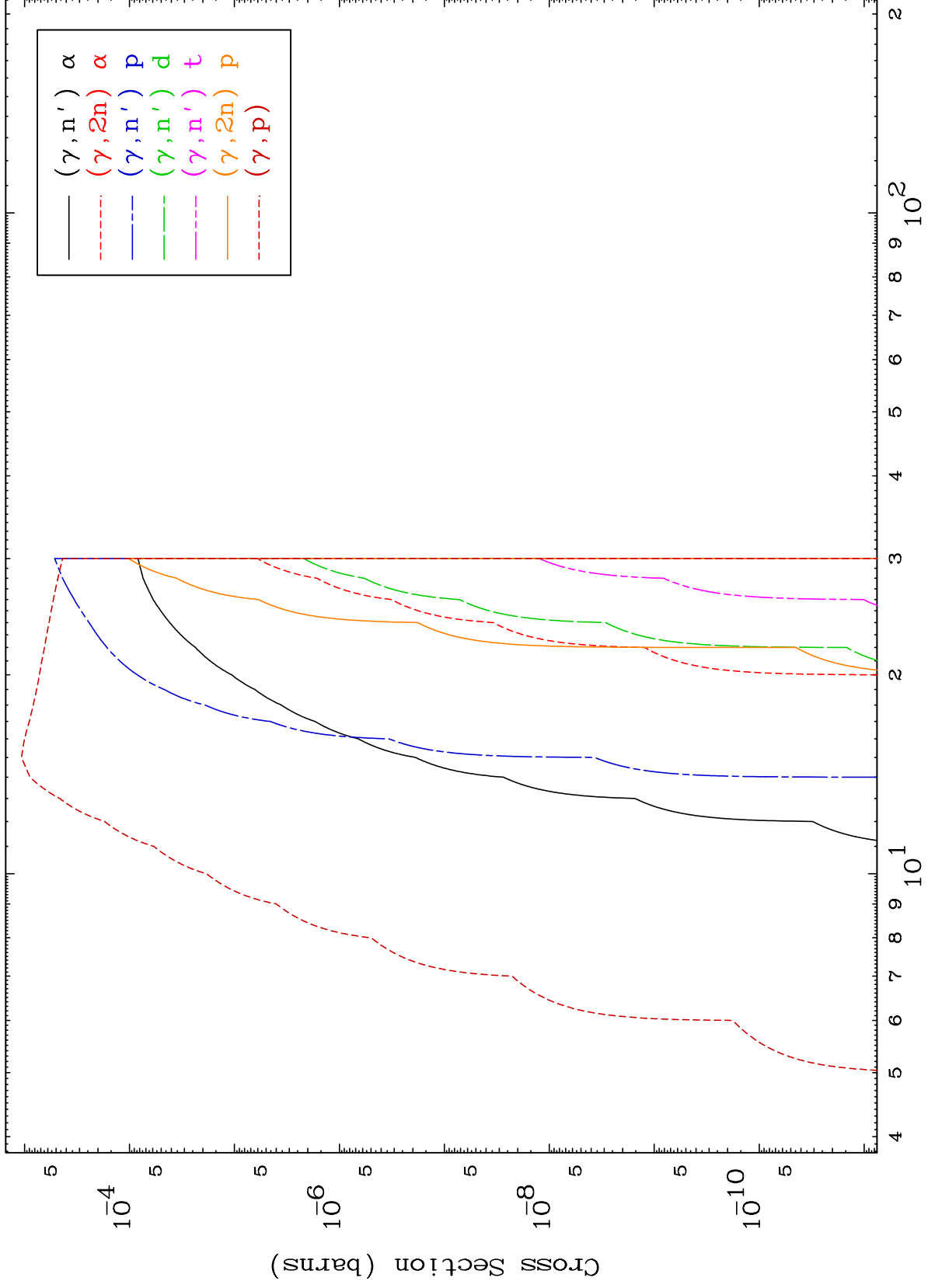
79-Au-189



79-Au-189

Incident Energy (MeV)

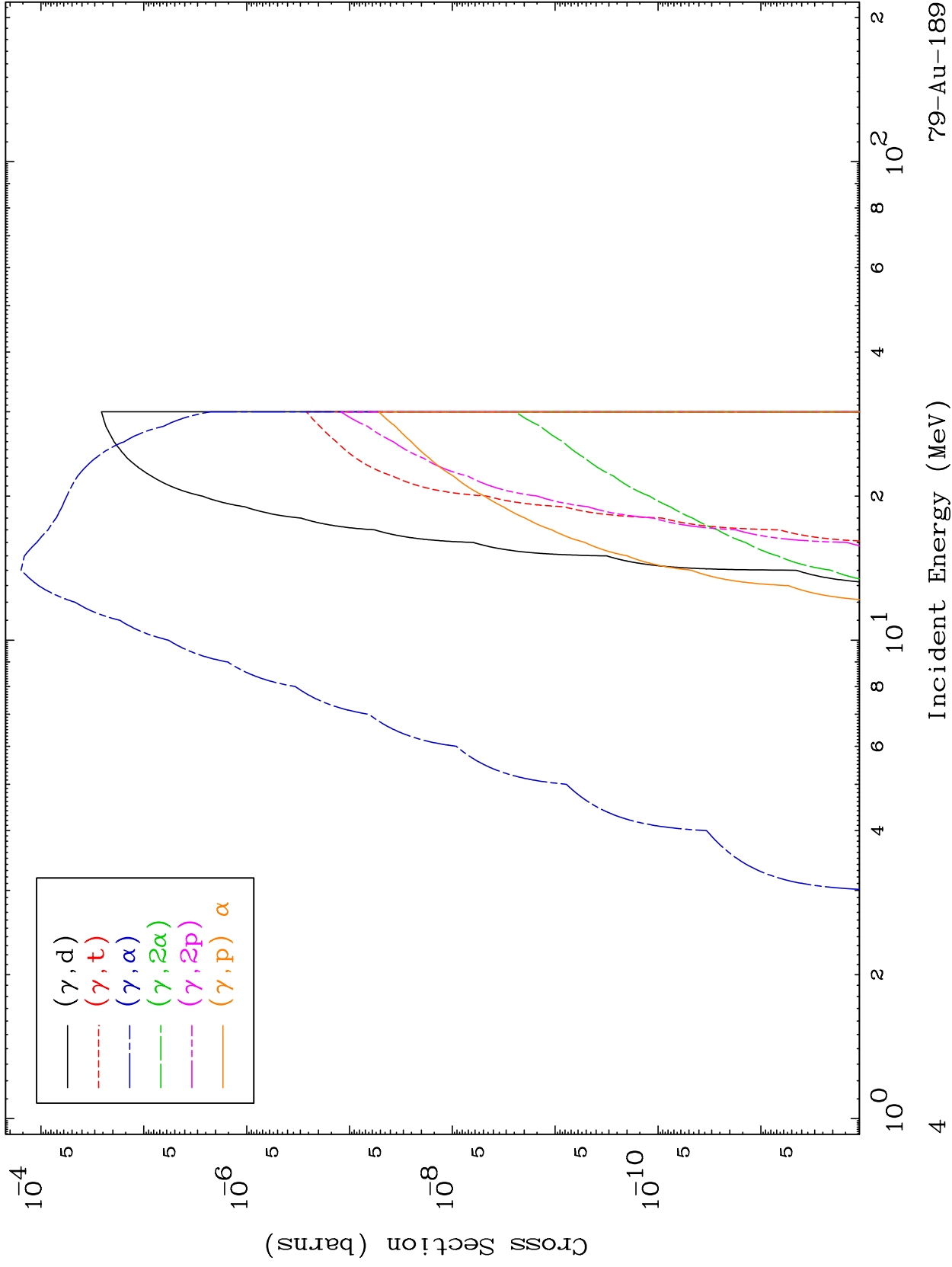




MAT 7902

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-189



79-Au-189

Incident Energy (MeV)

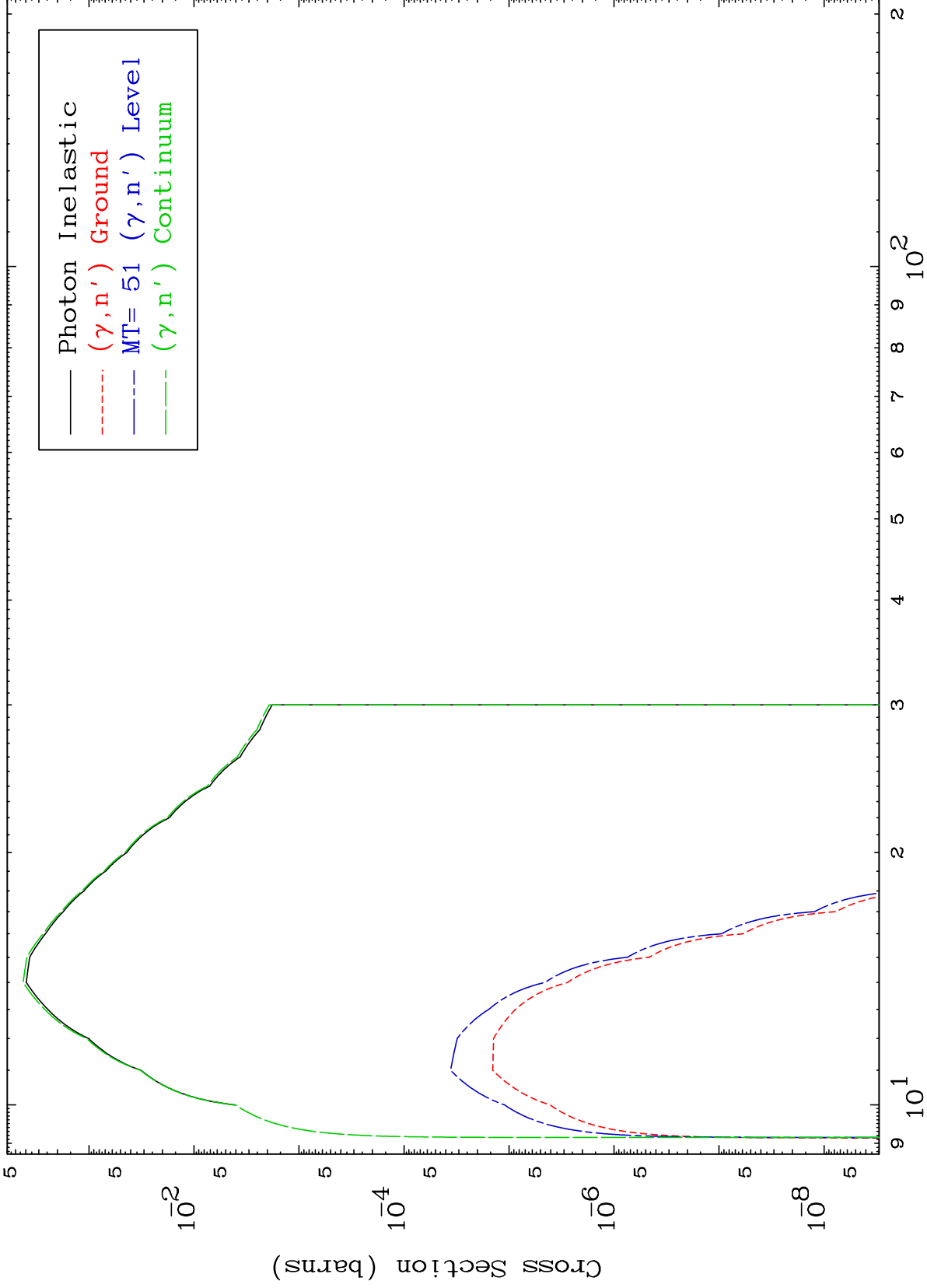
4

MAT 7902

(γ, n') Level

79-Au-189

0 Kelvin Cross Sections



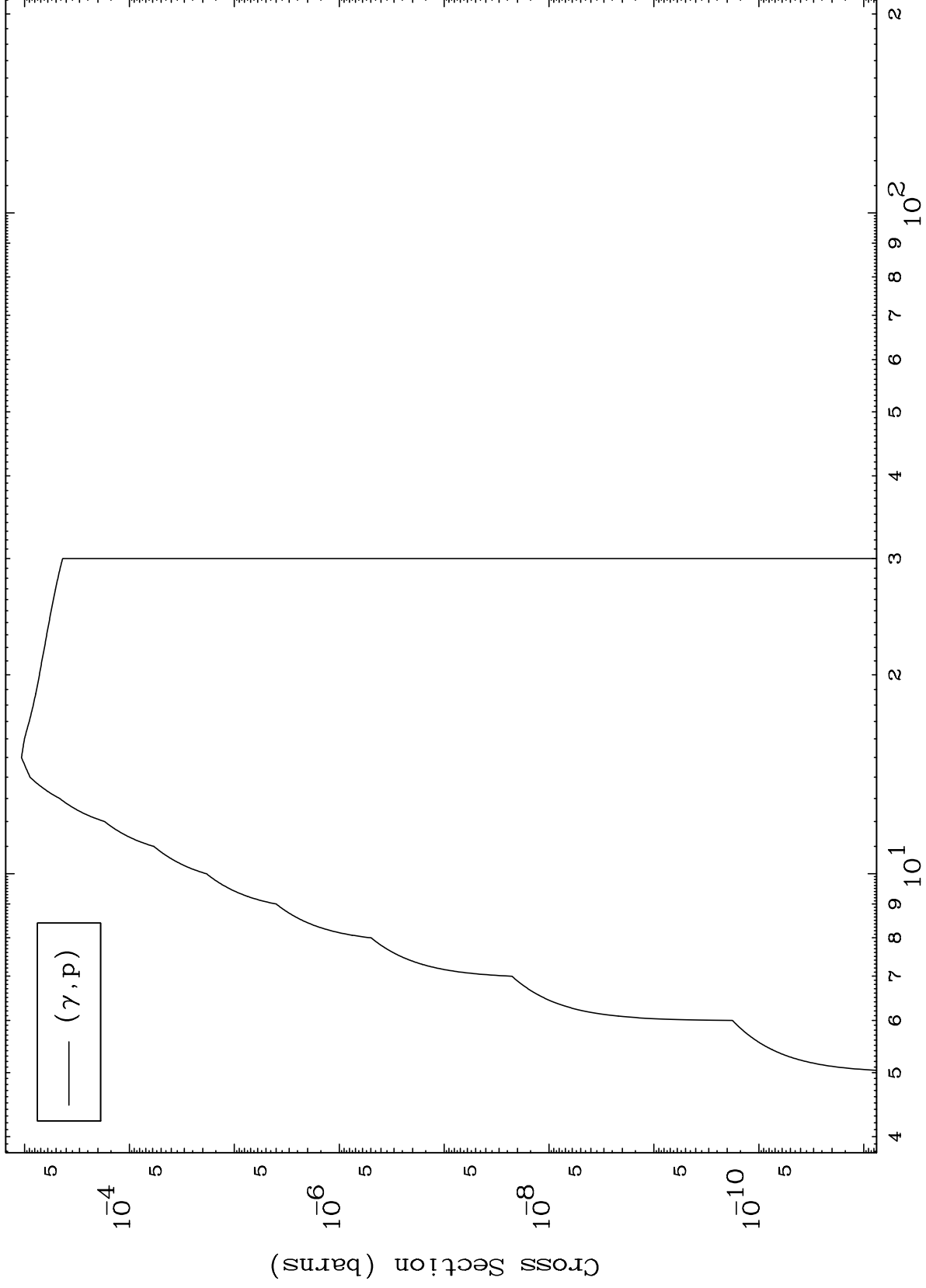
Incident Energy (MeV)

79-Au-189

MAT 7902

(γ, p) Levels
0 Kelvin Cross Sections

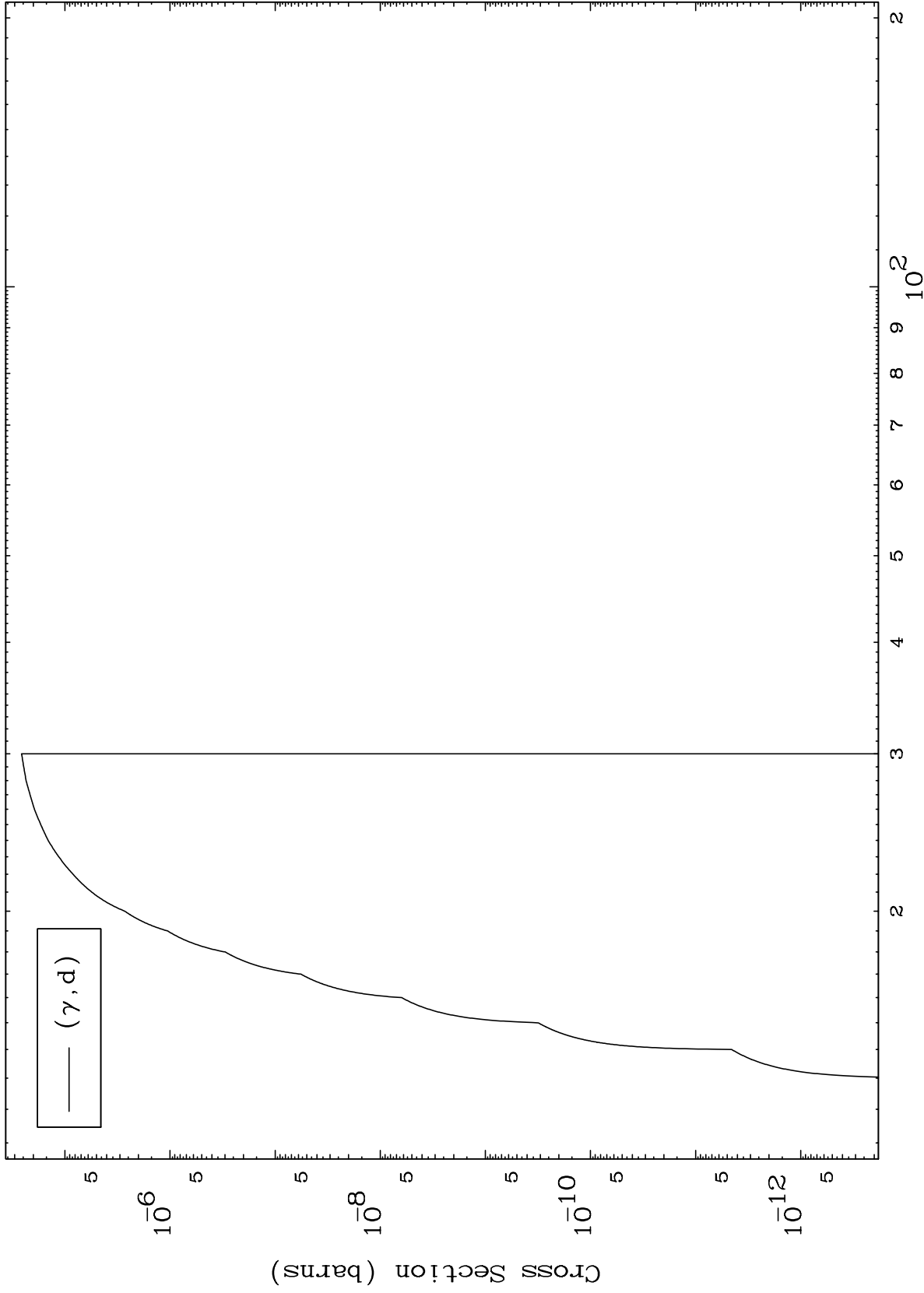
79-Au-189

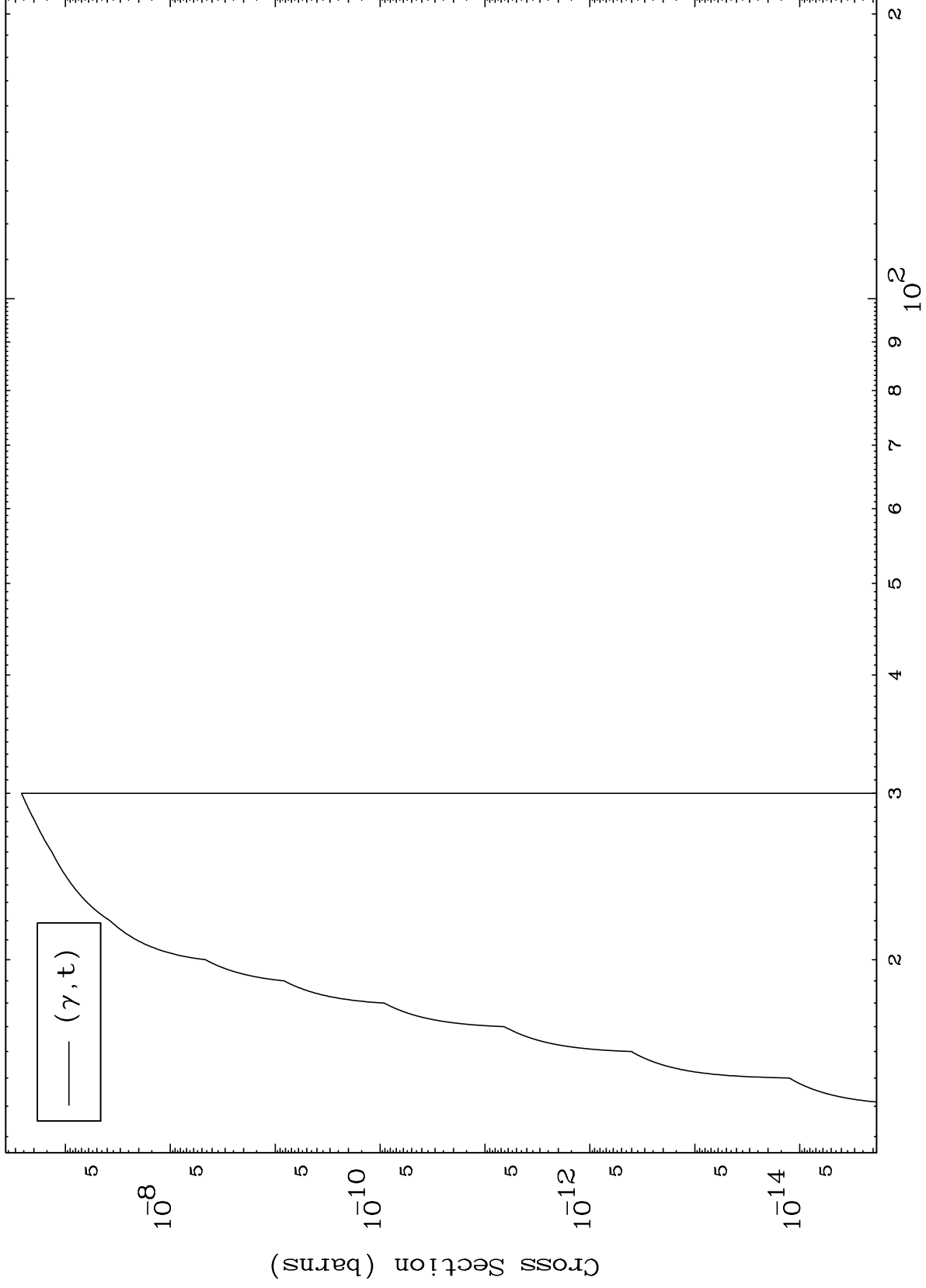


6

Incident Energy (MeV)

79-Au-189

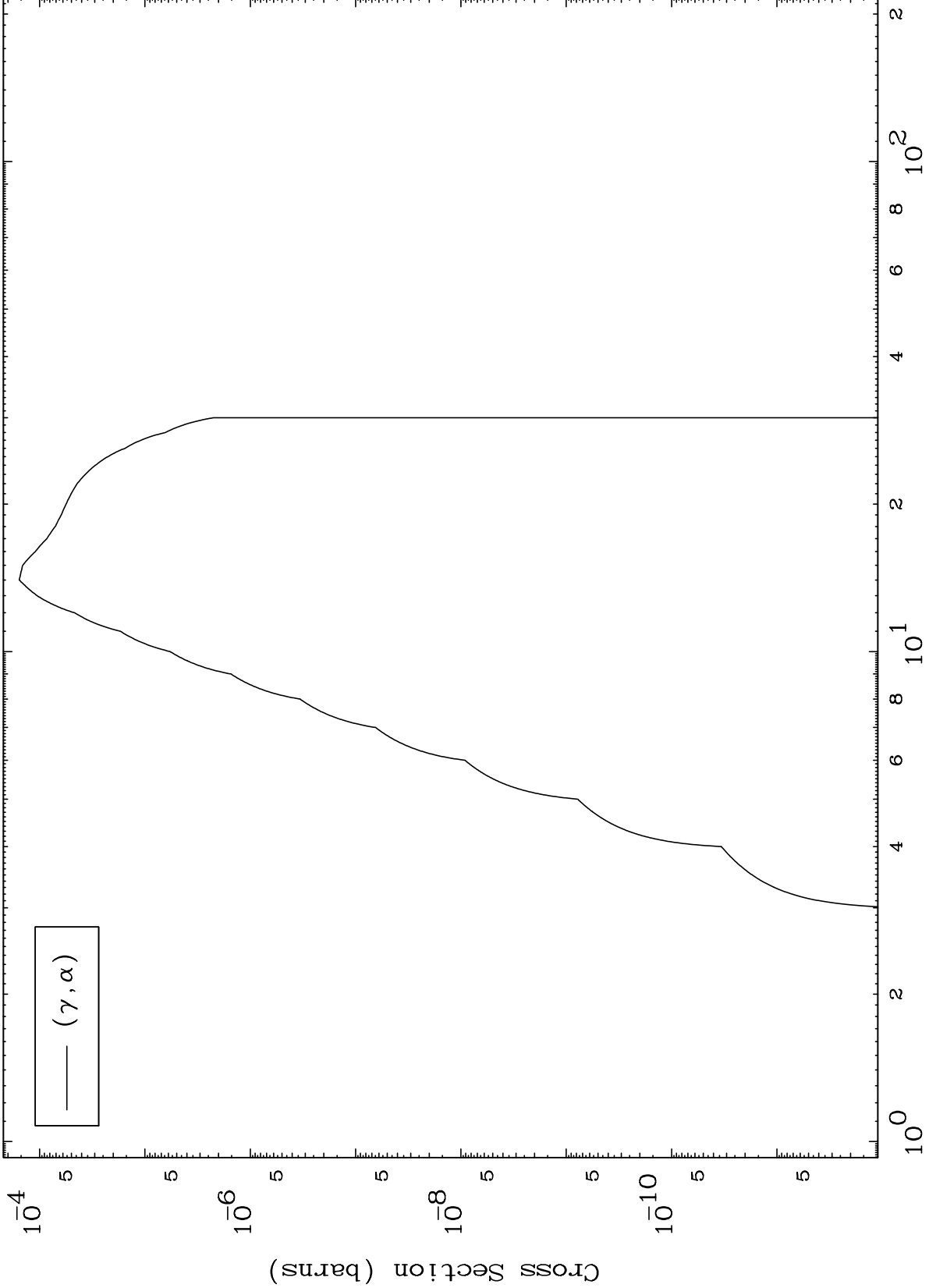




MAT 7902

79-Au-189

(γ, α) Levels
0 Kelvin Cross Sections



79-Au-189

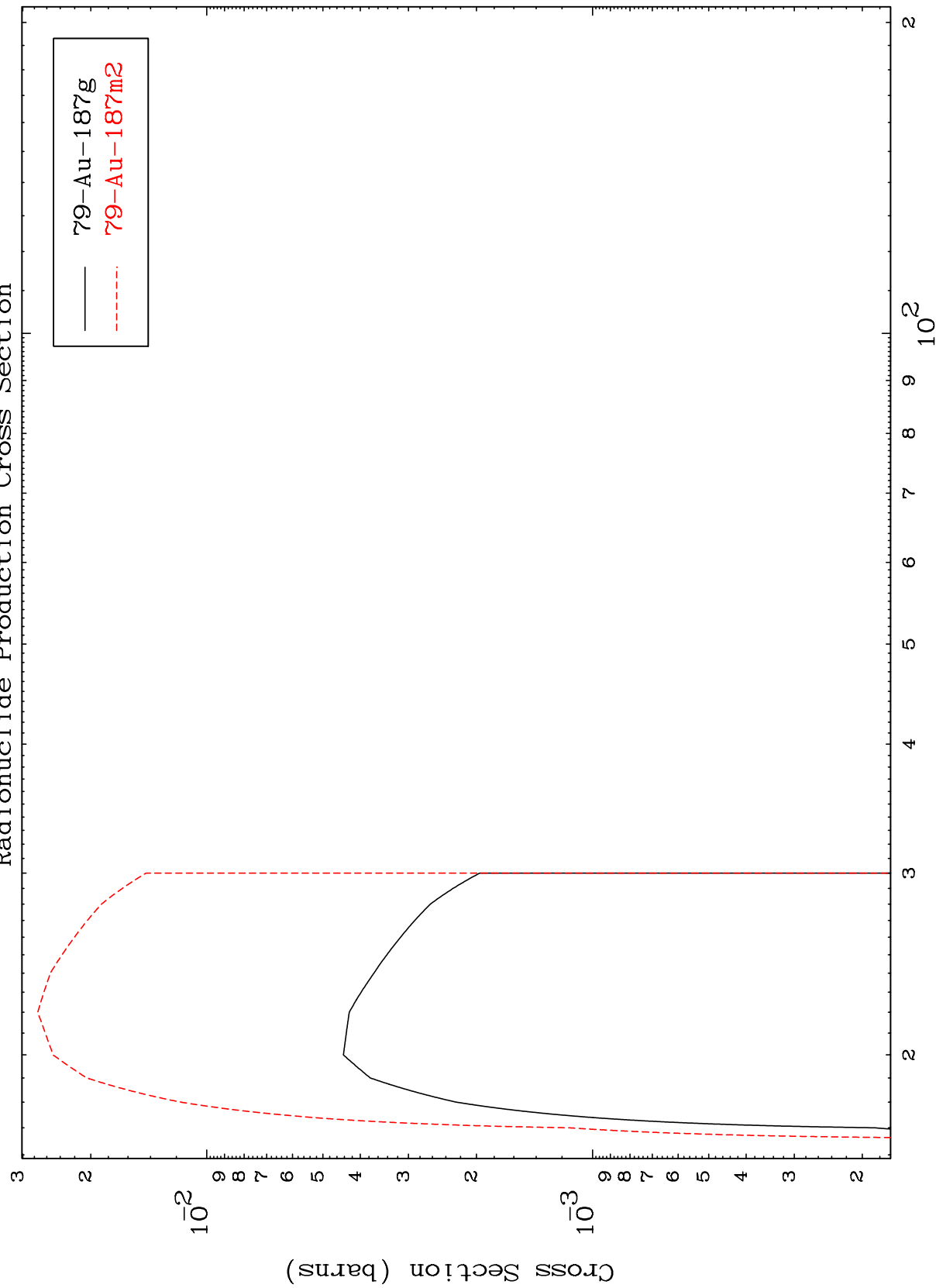
Incident Energy (MeV)

9

MAT 7902

79-Au-189

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



79-Au-189

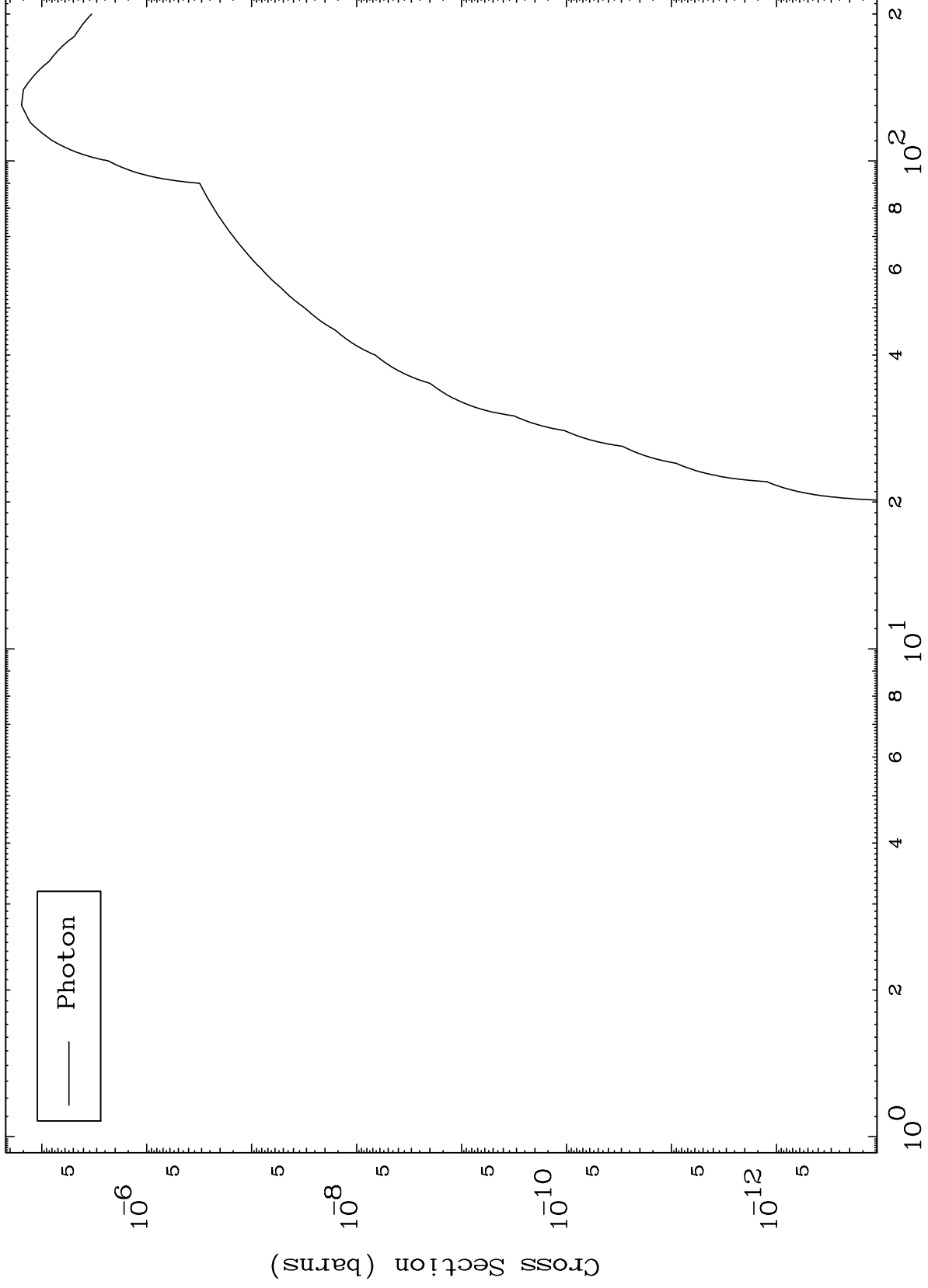
Incident Energy (MeV)

10

MAT 7902

Photon Fission
Radionuclide Production Cross Section

79-Au-189



11

Incident Energy (MeV)

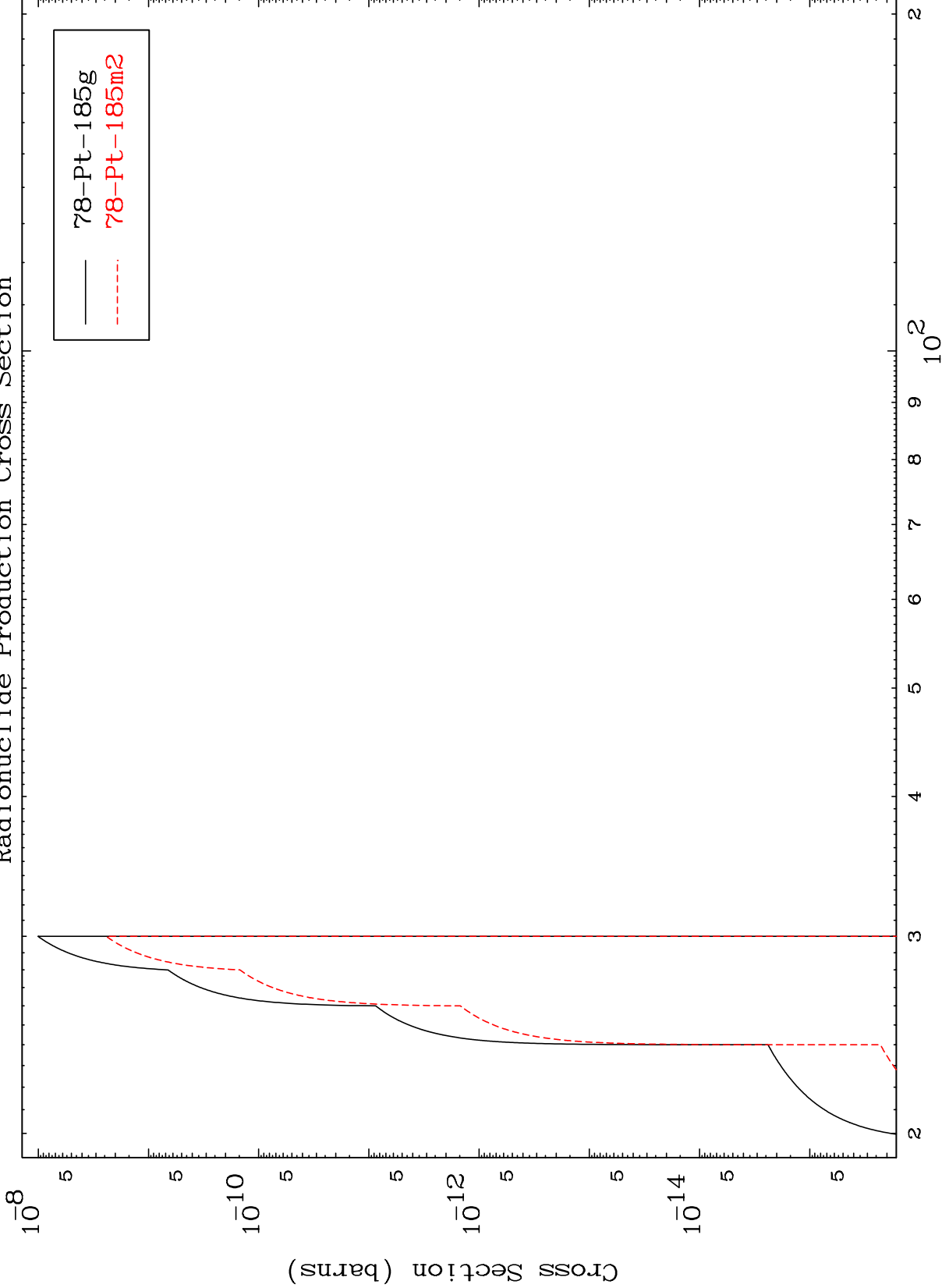
79-Au-189

MAT 7902

(γ, n') t

79-Au-189

Radionuclide Production Cross Section



12

Incident Energy (MeV)

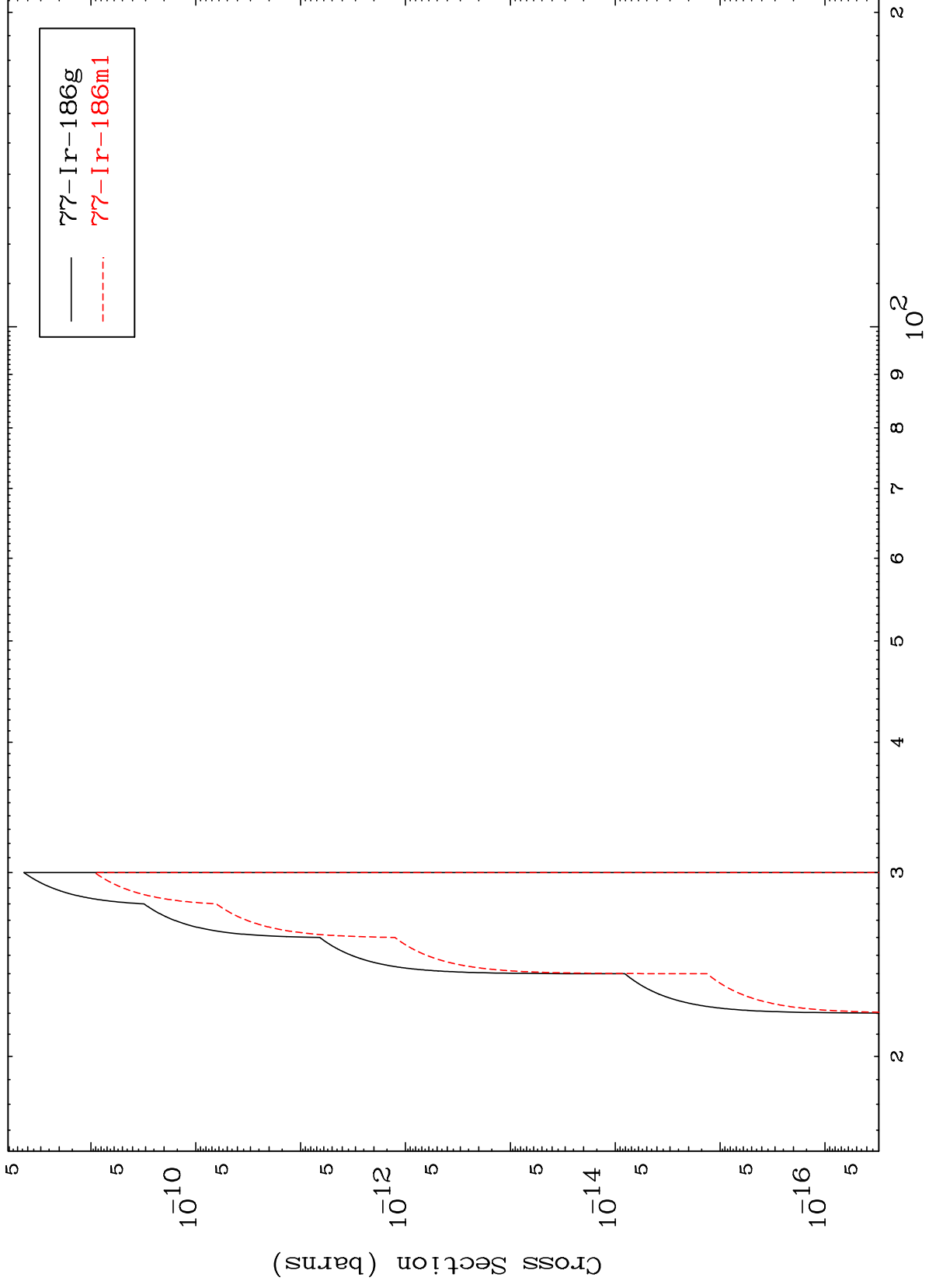
79-Au-189

MAT 7902

$(\gamma, 2n)$ p

79-Au-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

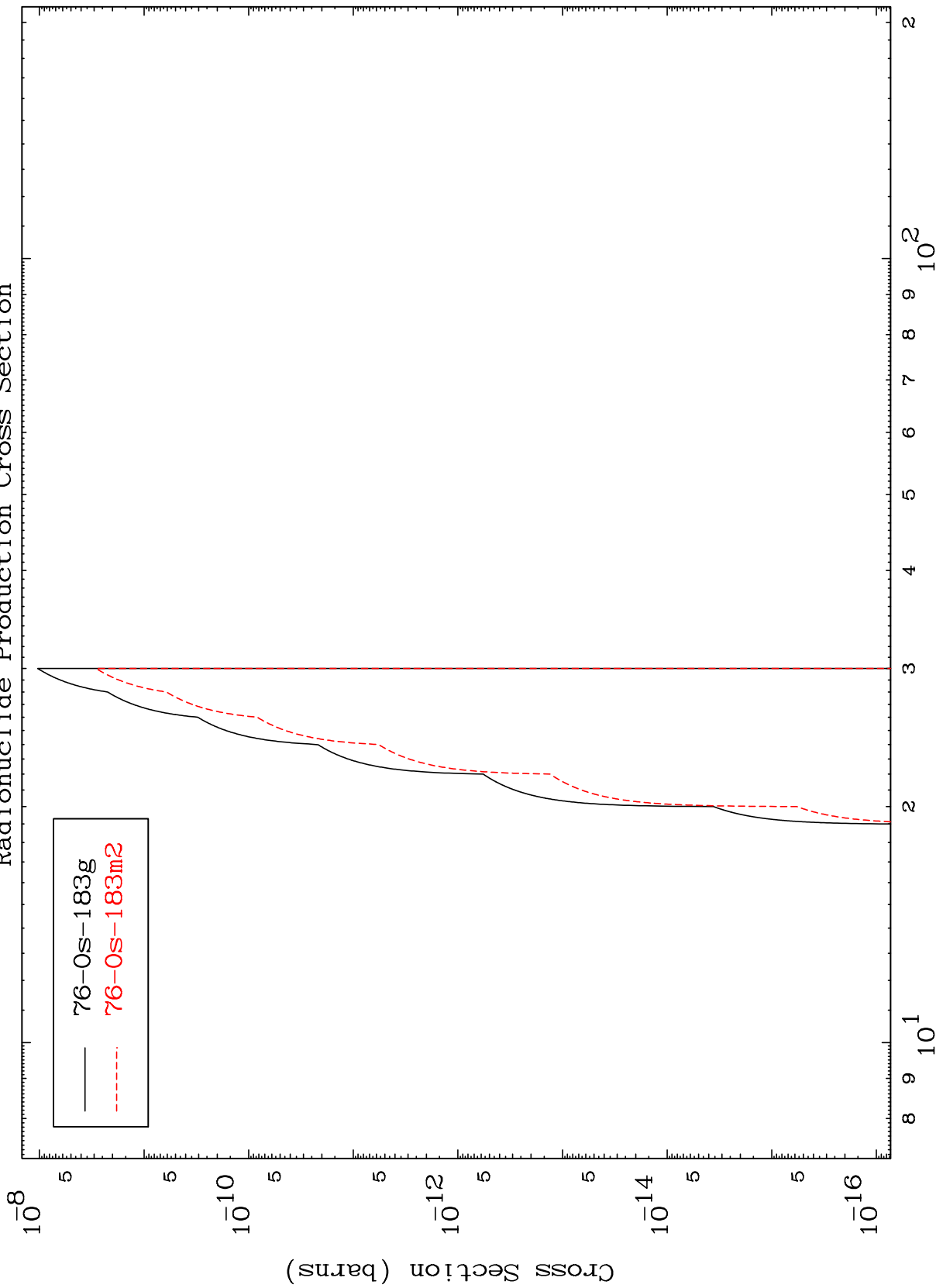
79-Au-189

MAT 7902

(γ, n') p α

79-Au-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

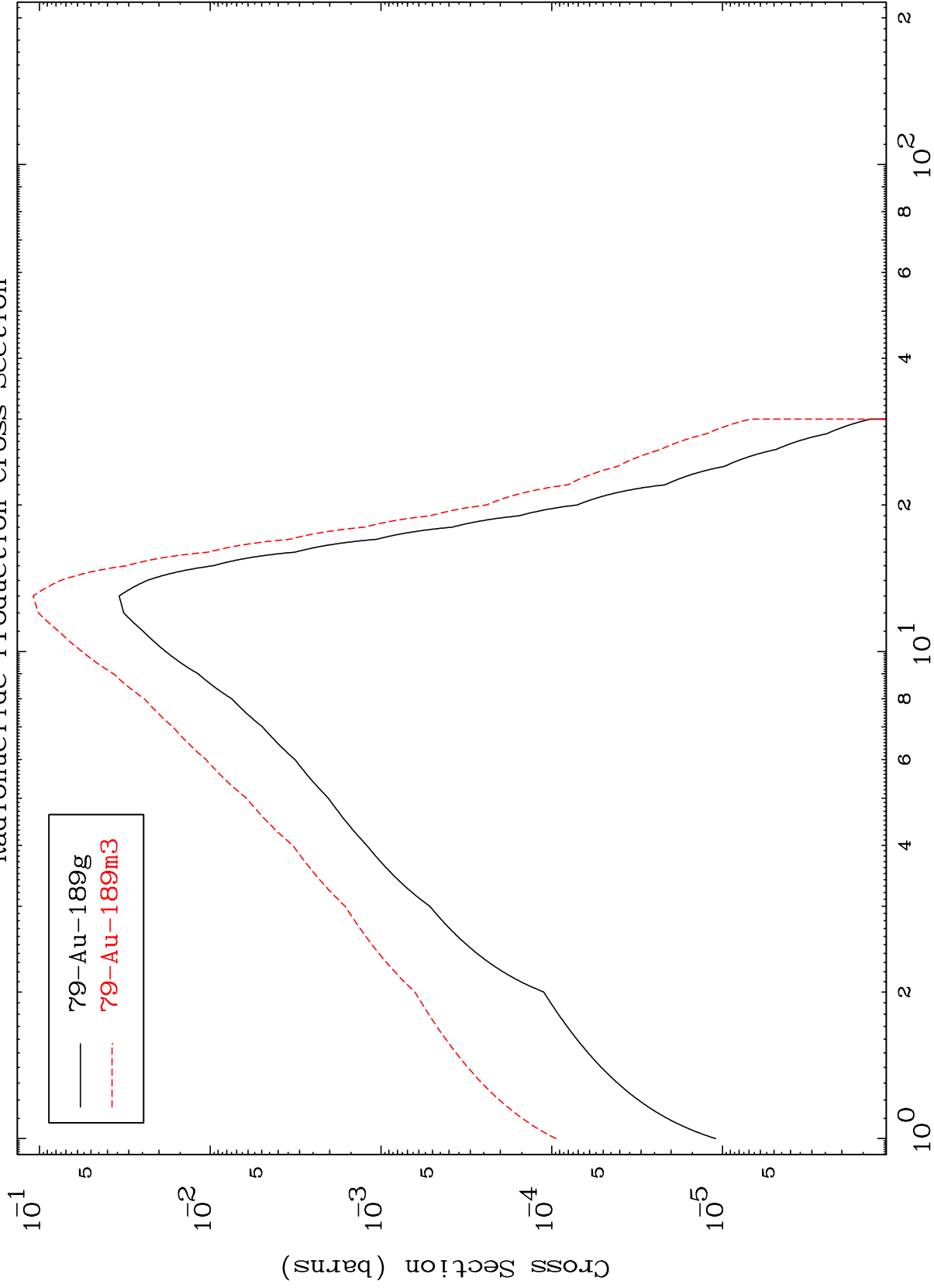
79-Au-189

MAT 7902

⁷⁹Au-189

Radionuclide Production Cross Section

(γ, γ)



— 79-Au-189g
- - - 79-Au-189m3

⁷⁹Au-189

Incident Energy (MeV)

15