

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

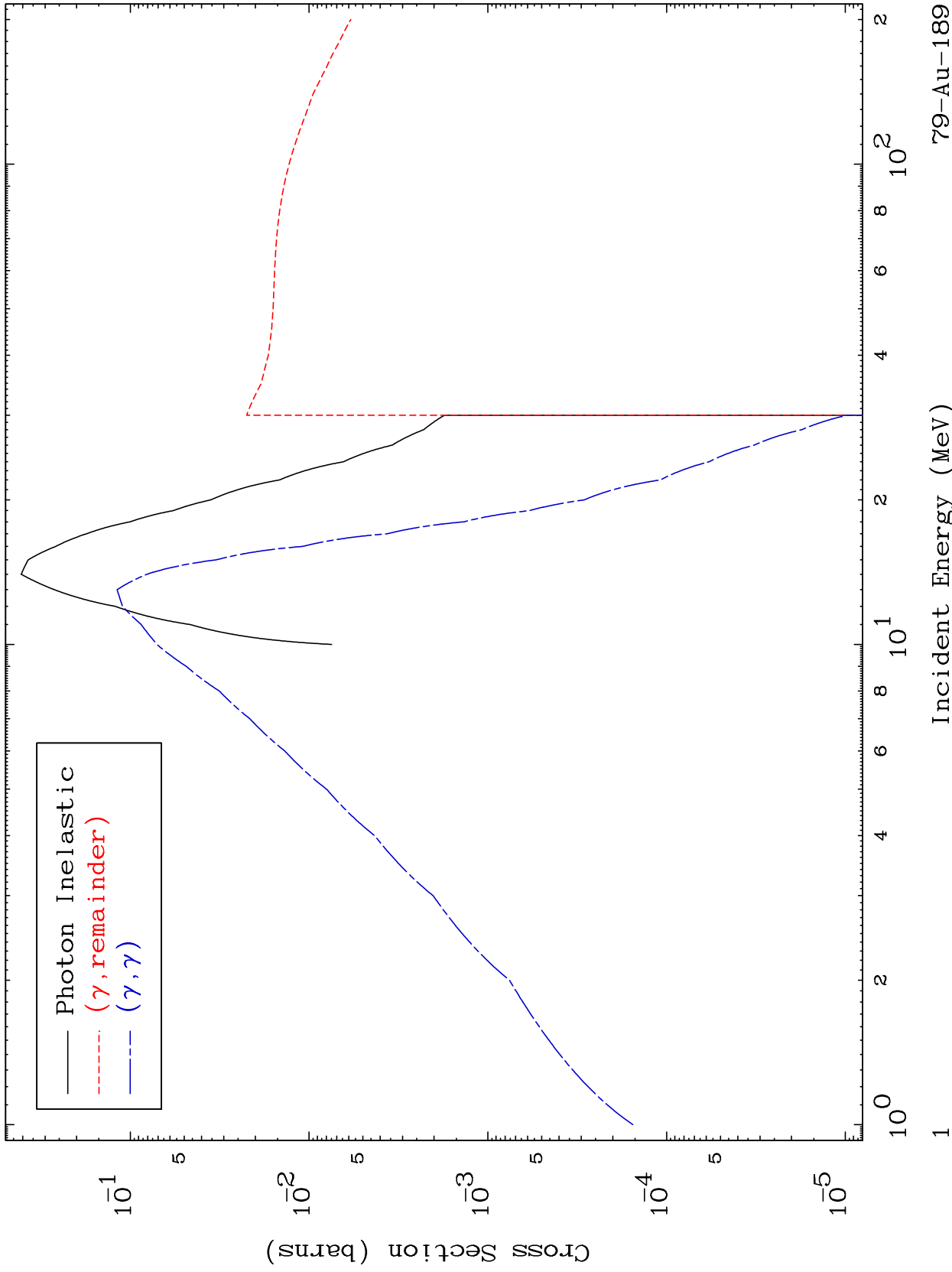
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7901

Photon Major
0 Kelvin Cross Sections

79-Au-189

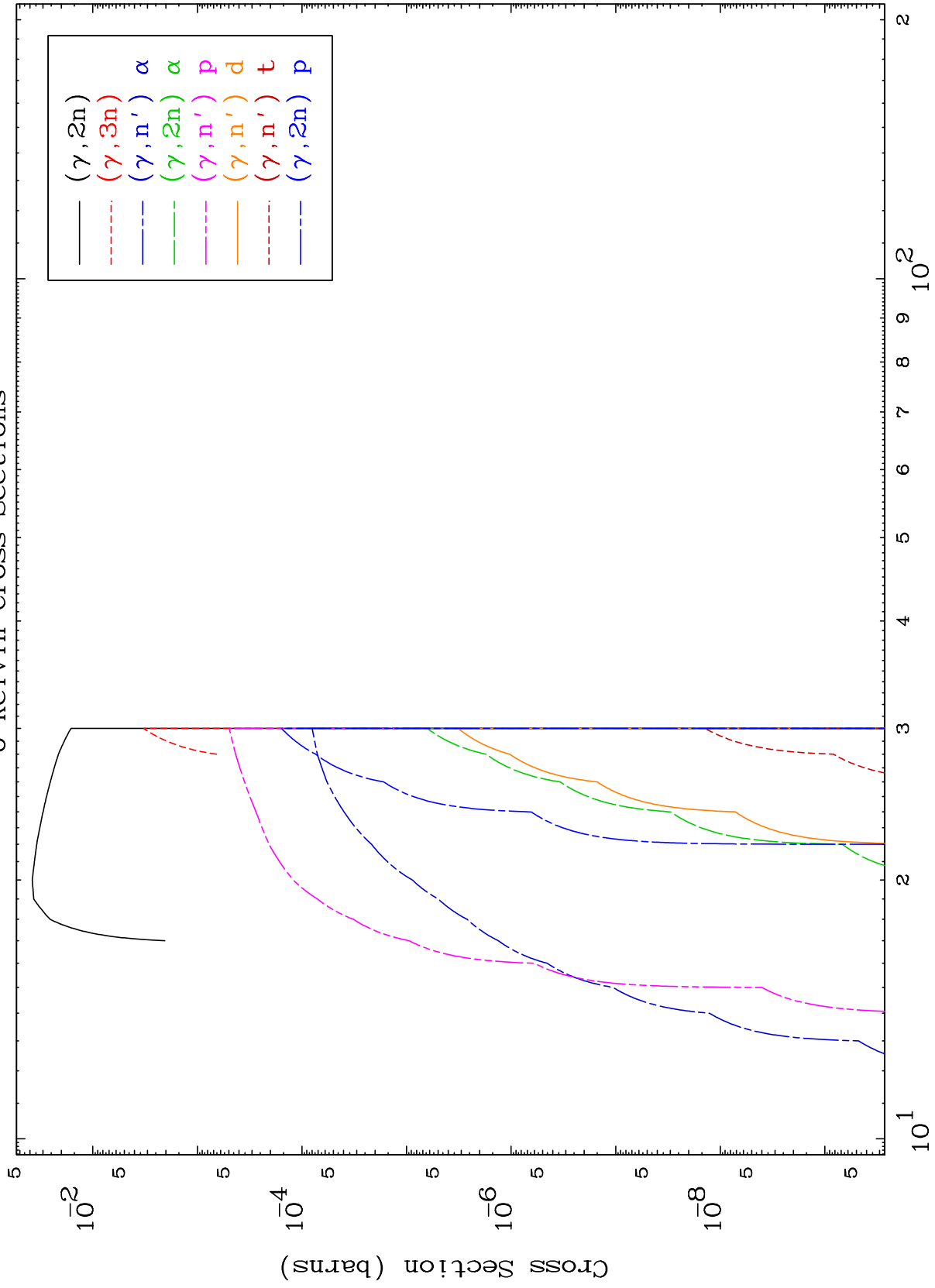


79-Au-189

MAT 7901

Photon Neutron Production
0 Kelvin Cross Sections

79-Au-189



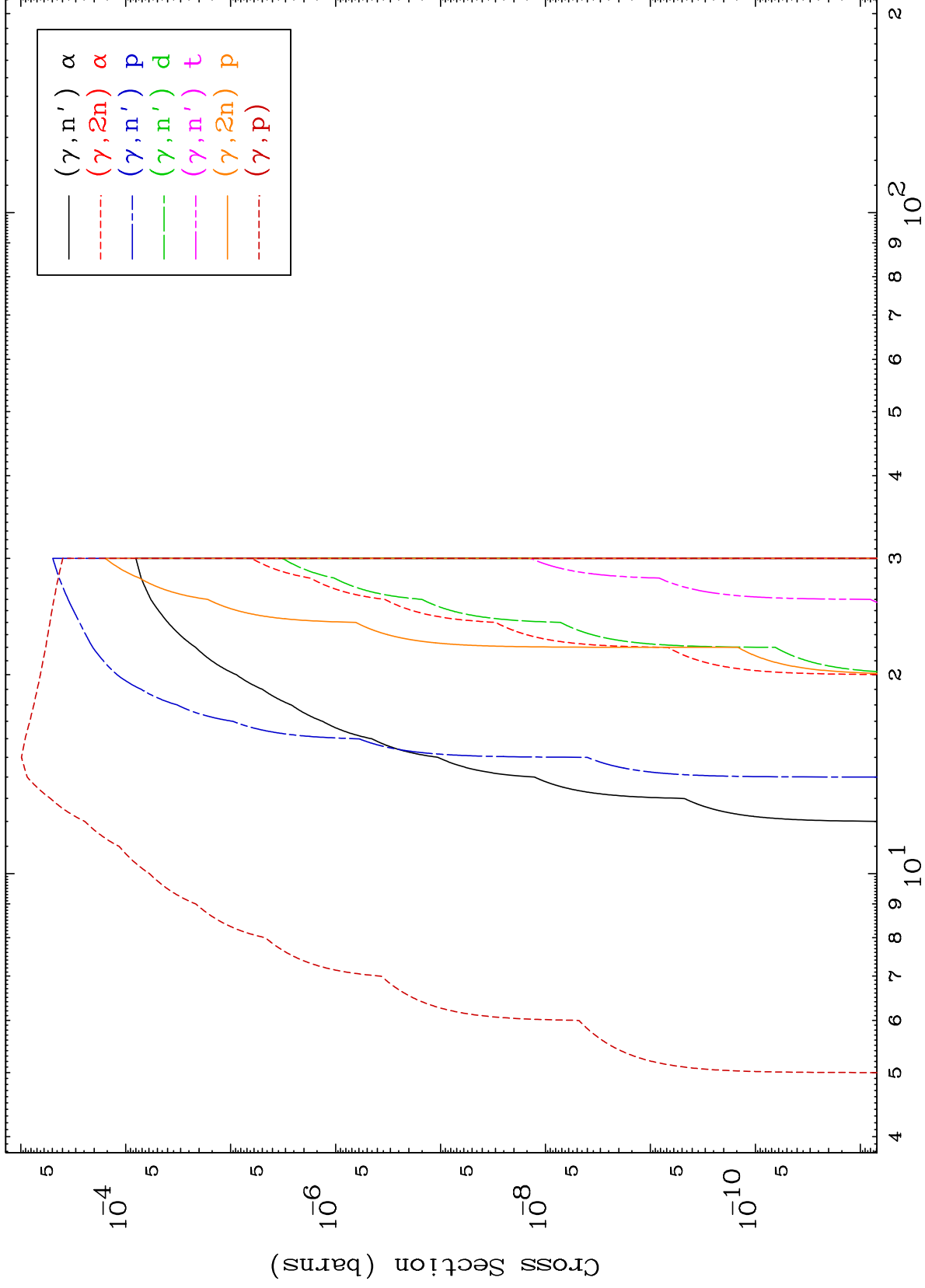
Incident Energy (MeV)

79-Au-189

MAT 7901

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-189



3

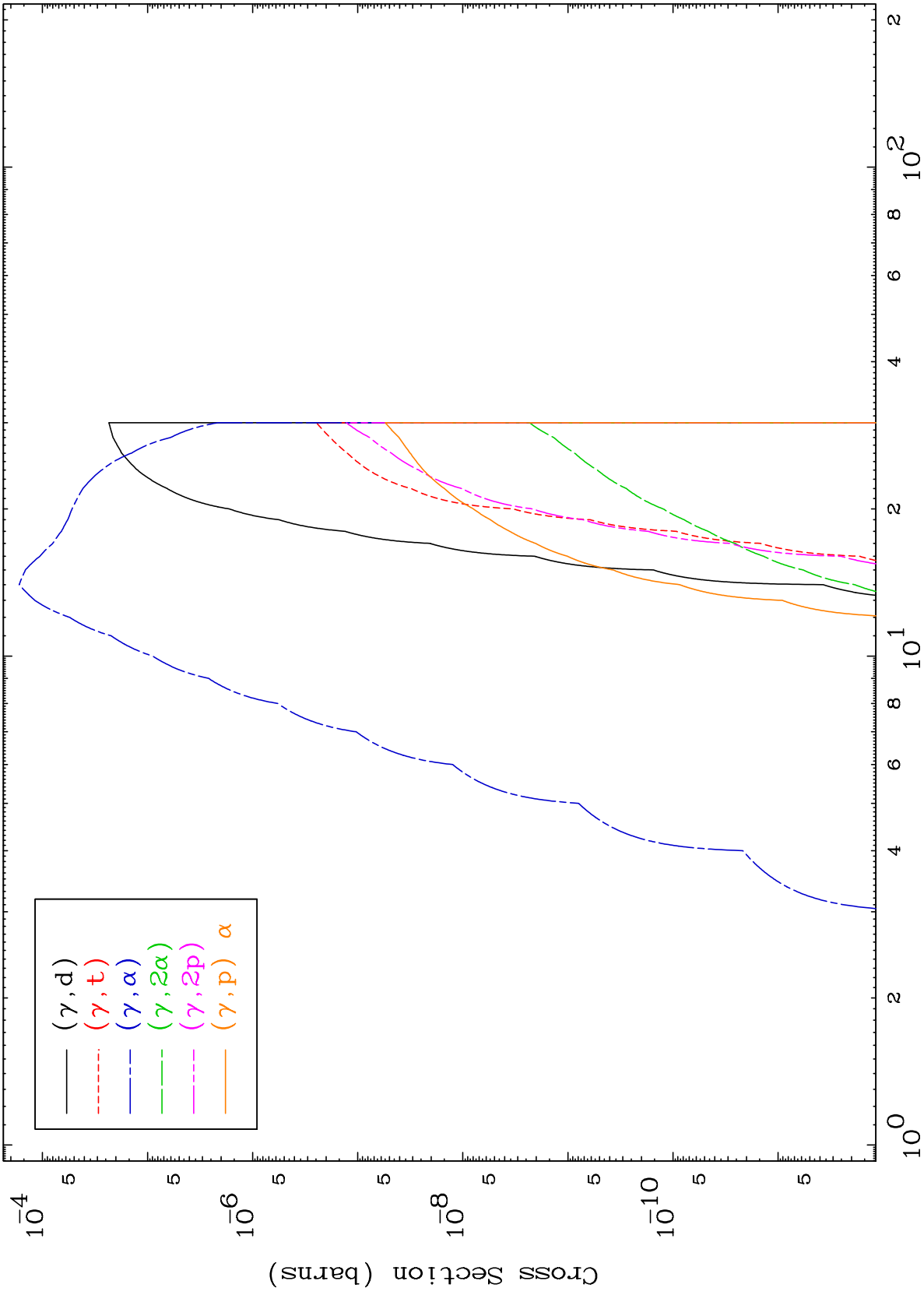
Incident Energy (MeV)

79-Au-189

MAT 7901

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-189



Incident Energy (MeV)

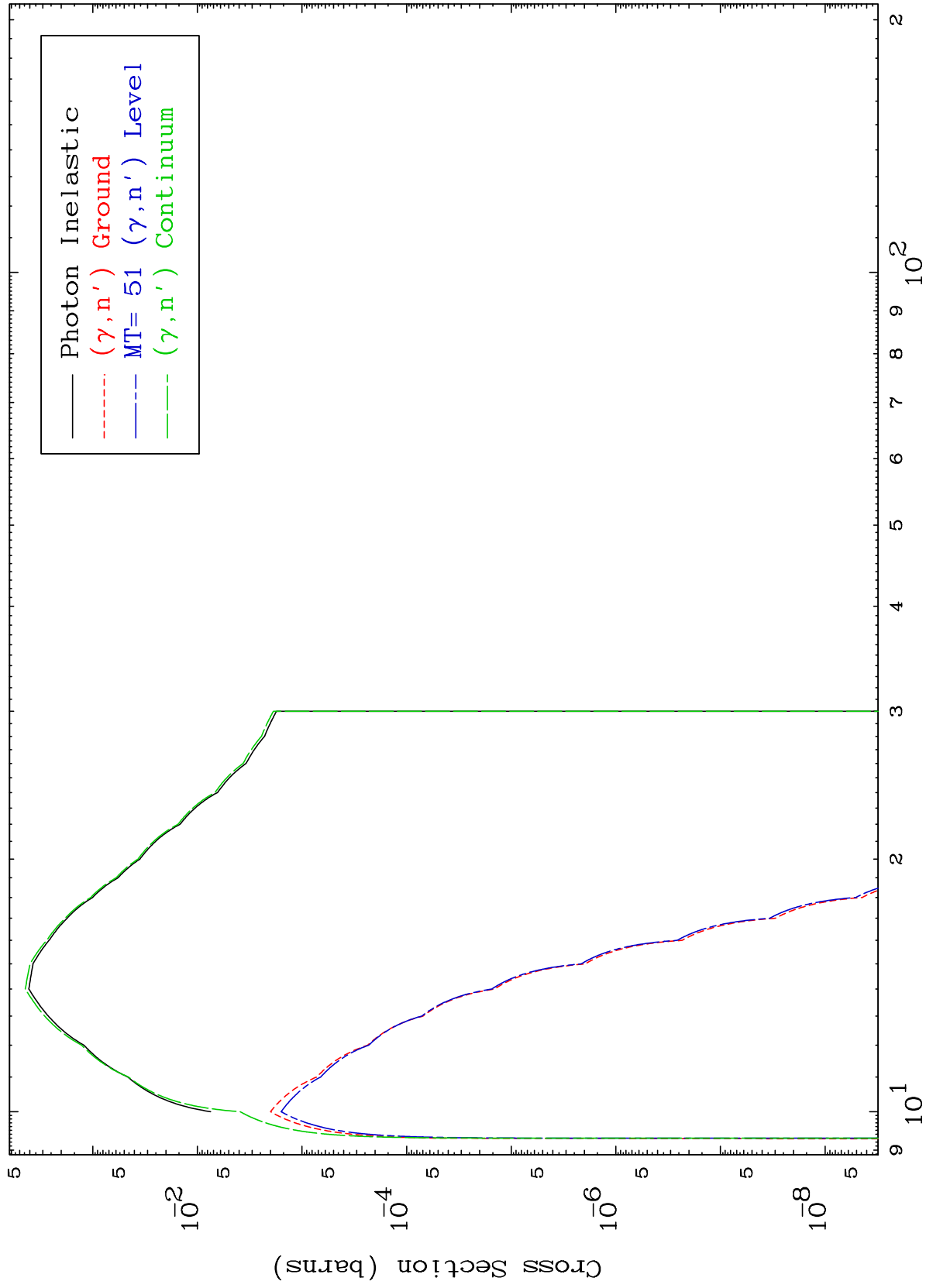
79-Au-189

4

MAT 7901

(γ, n') Level
0 Kelvin Cross Sections

79-Au-189



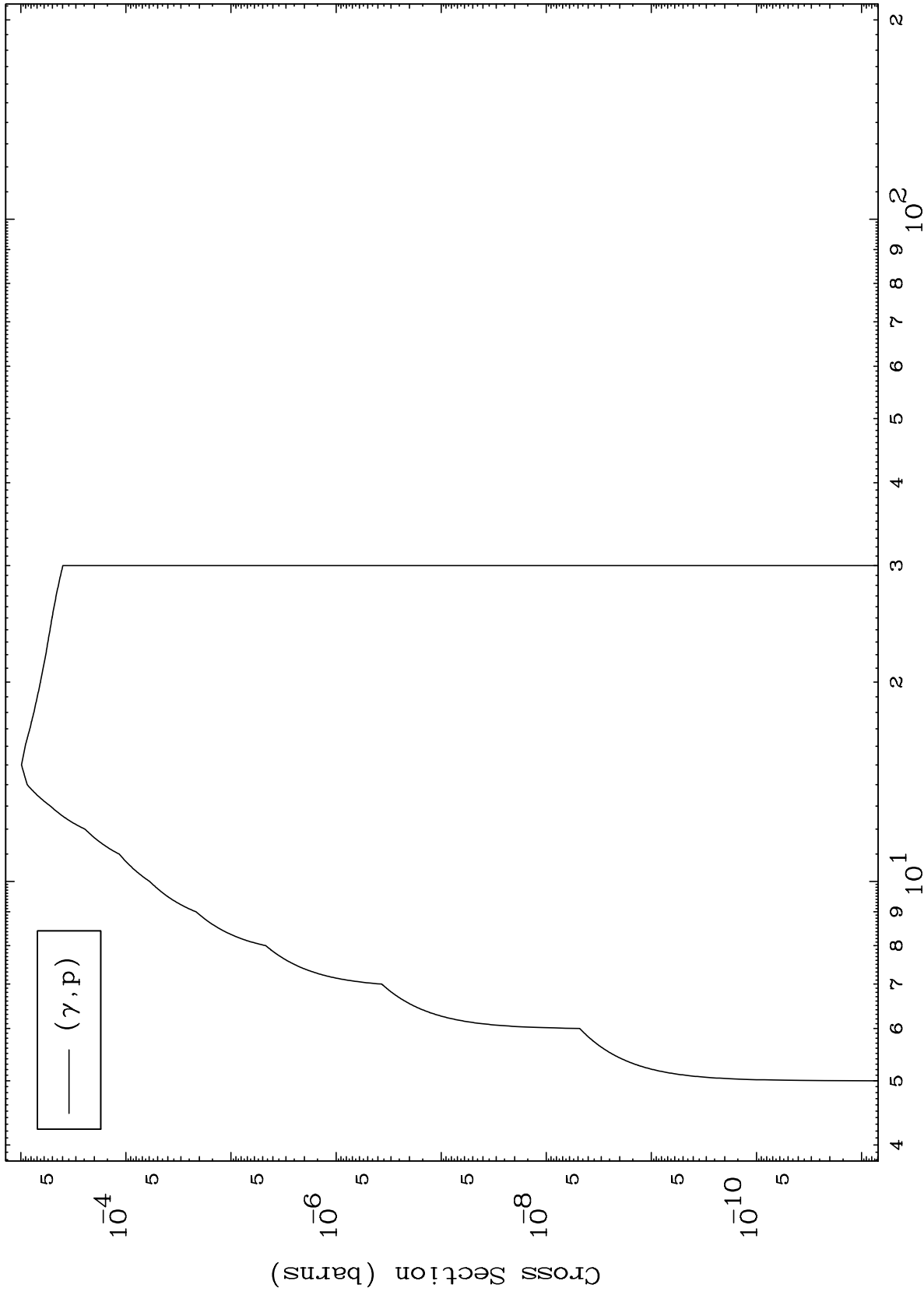
Incident Energy (MeV)

79-Au-189

MAT 7901

(γ, p) Levels
0 Kelvin Cross Sections

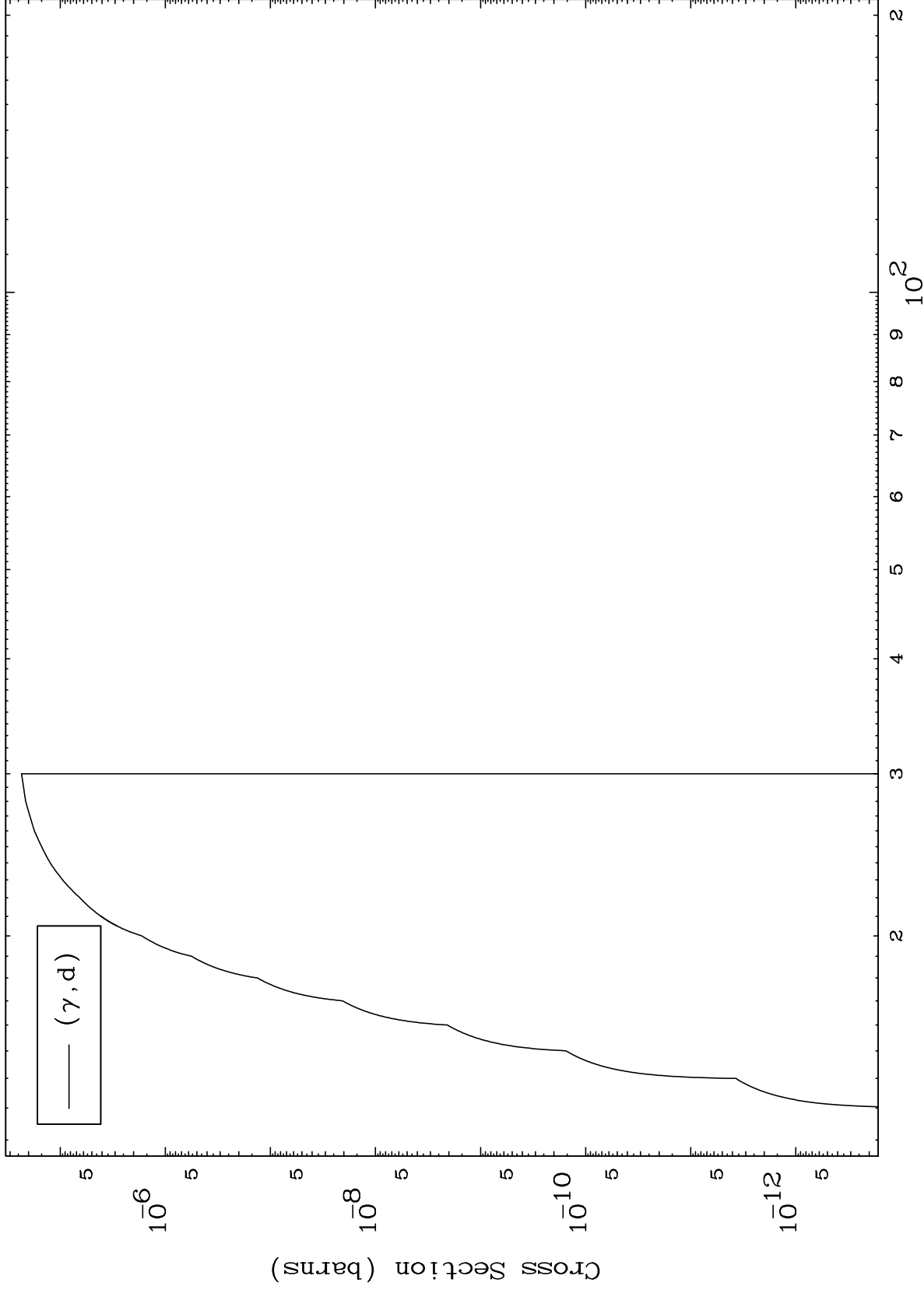
79-Au-189



MAT 7901

(γ, d) Levels
0 Kelvin Cross Sections

⁷⁹Au-189



7

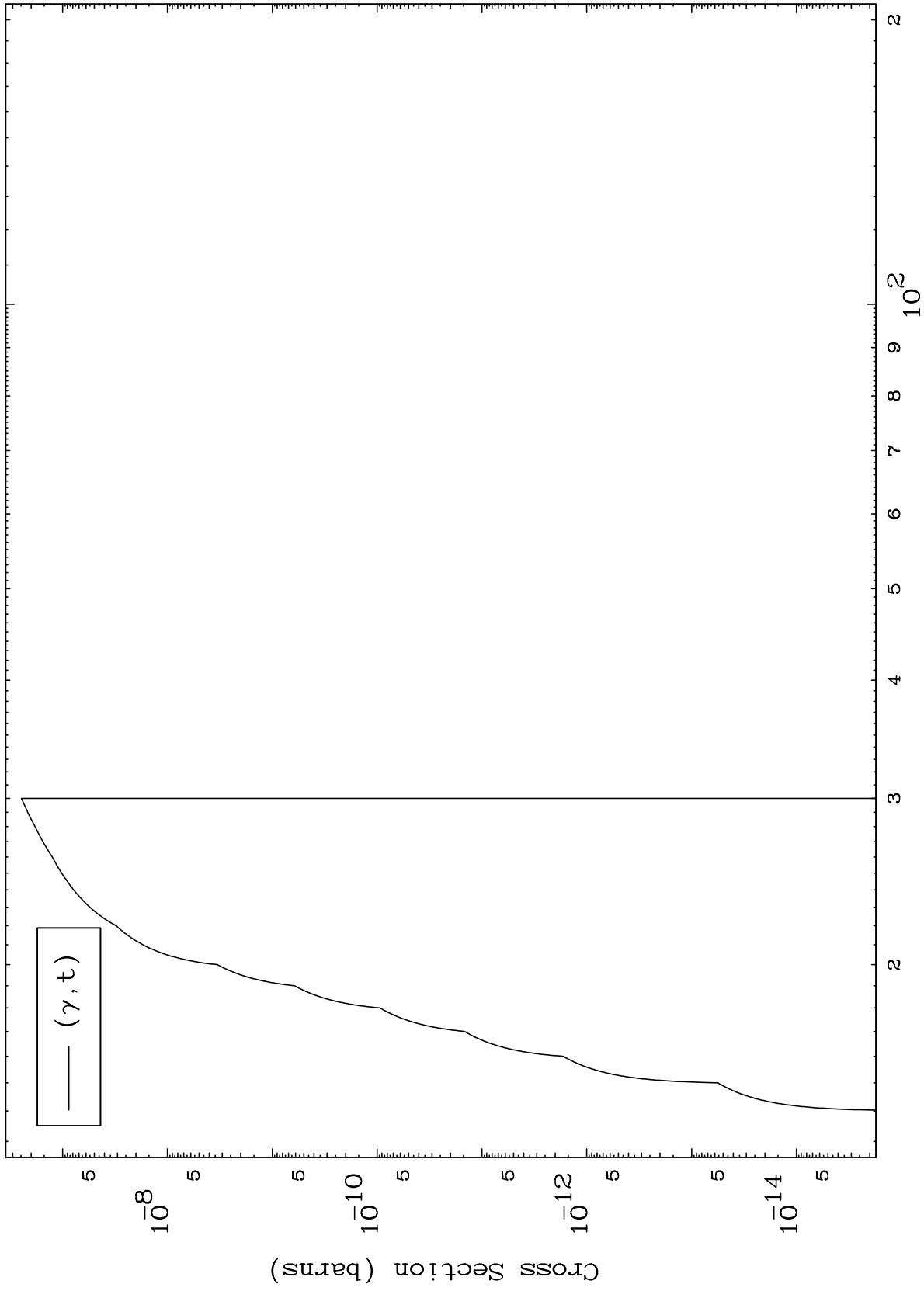
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

(γ, t) Levels
0 Kelvin Cross Sections

79-Au-189



8

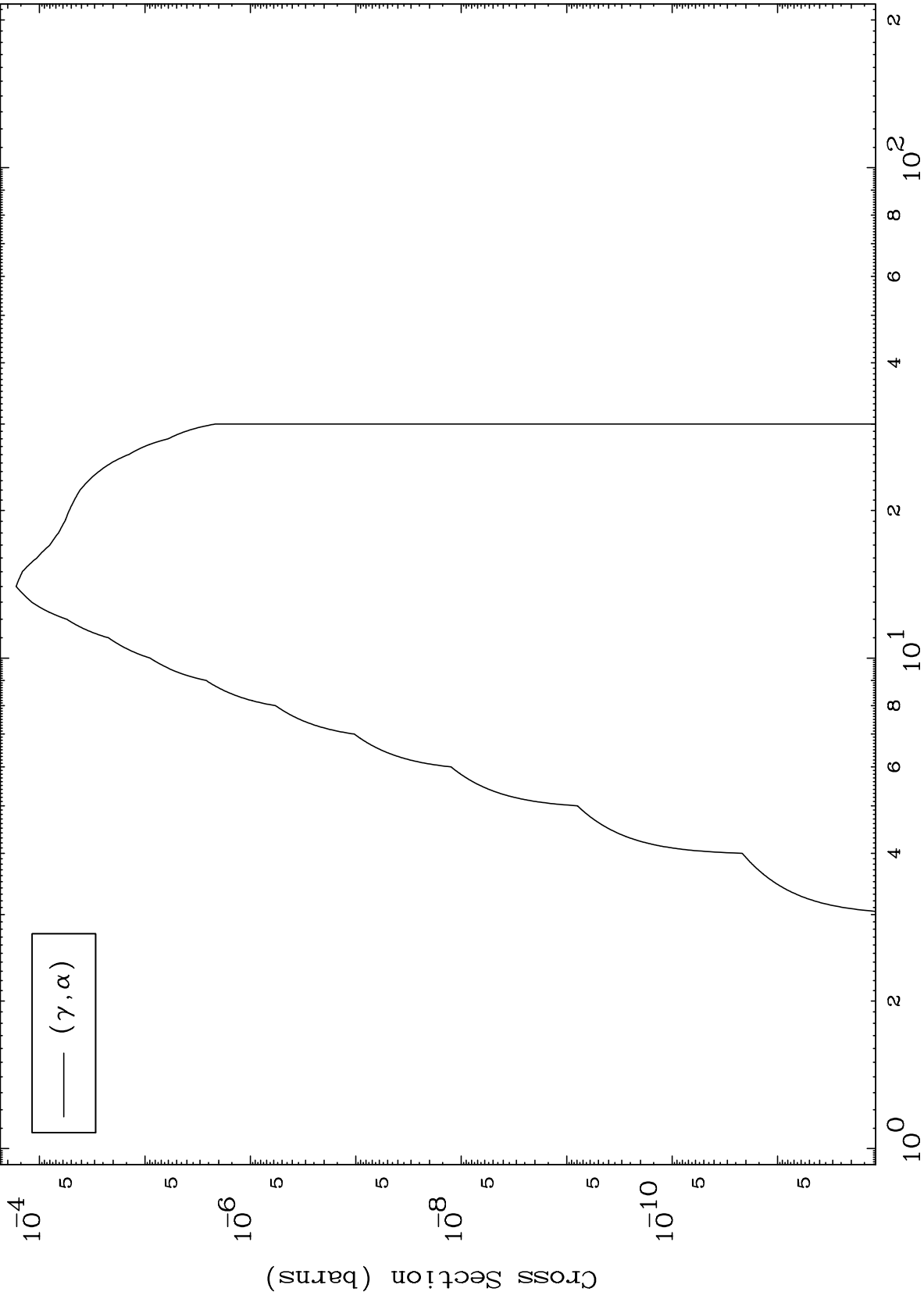
Incident Energy (MeV)

79-Au-189

MAT 7901

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-189



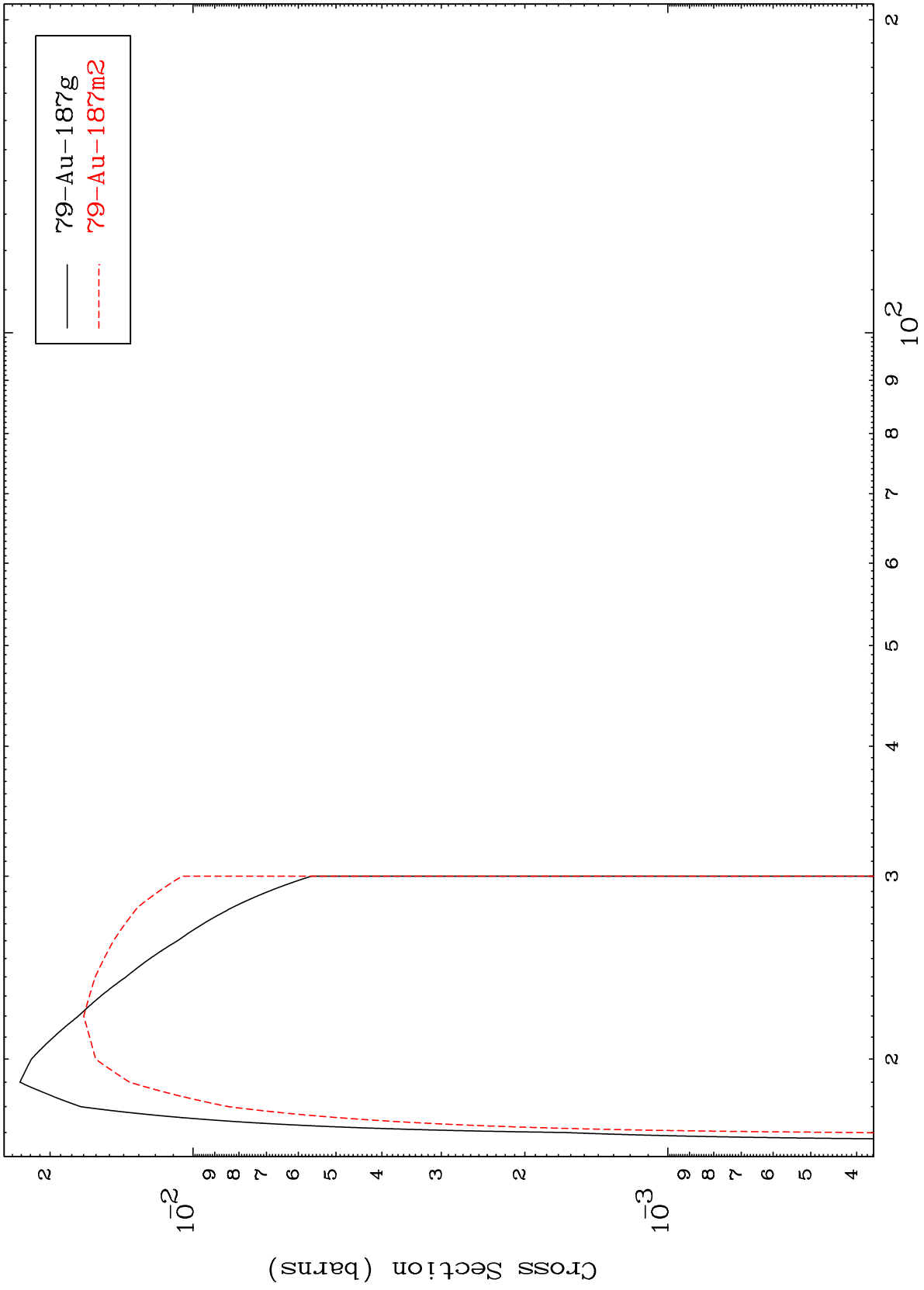
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

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



10

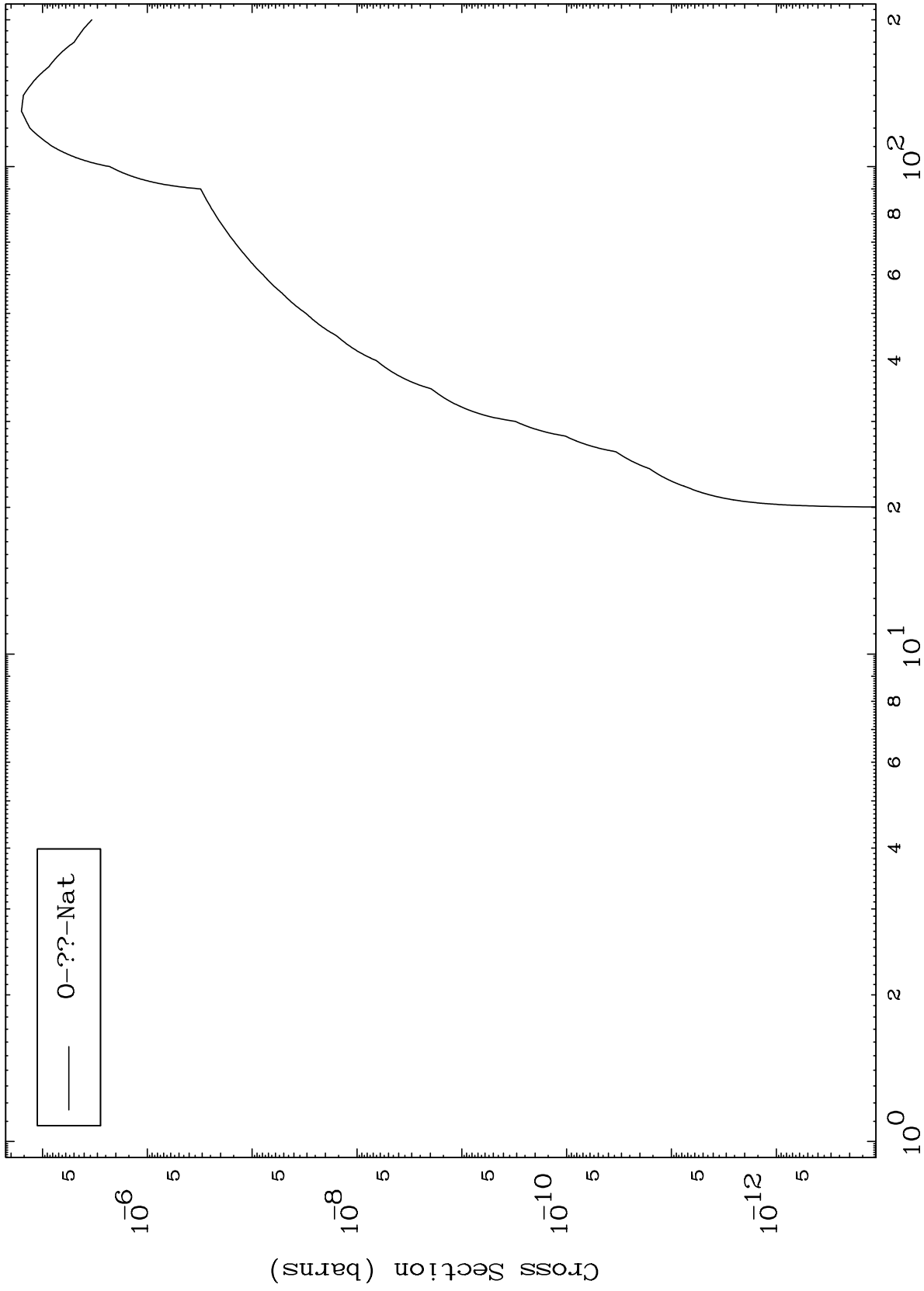
Incident Energy (MeV)

79-Au-189

MAT 7901

Photon Fission
Radionuclide Production Cross Section

⁷⁹Au-189



11

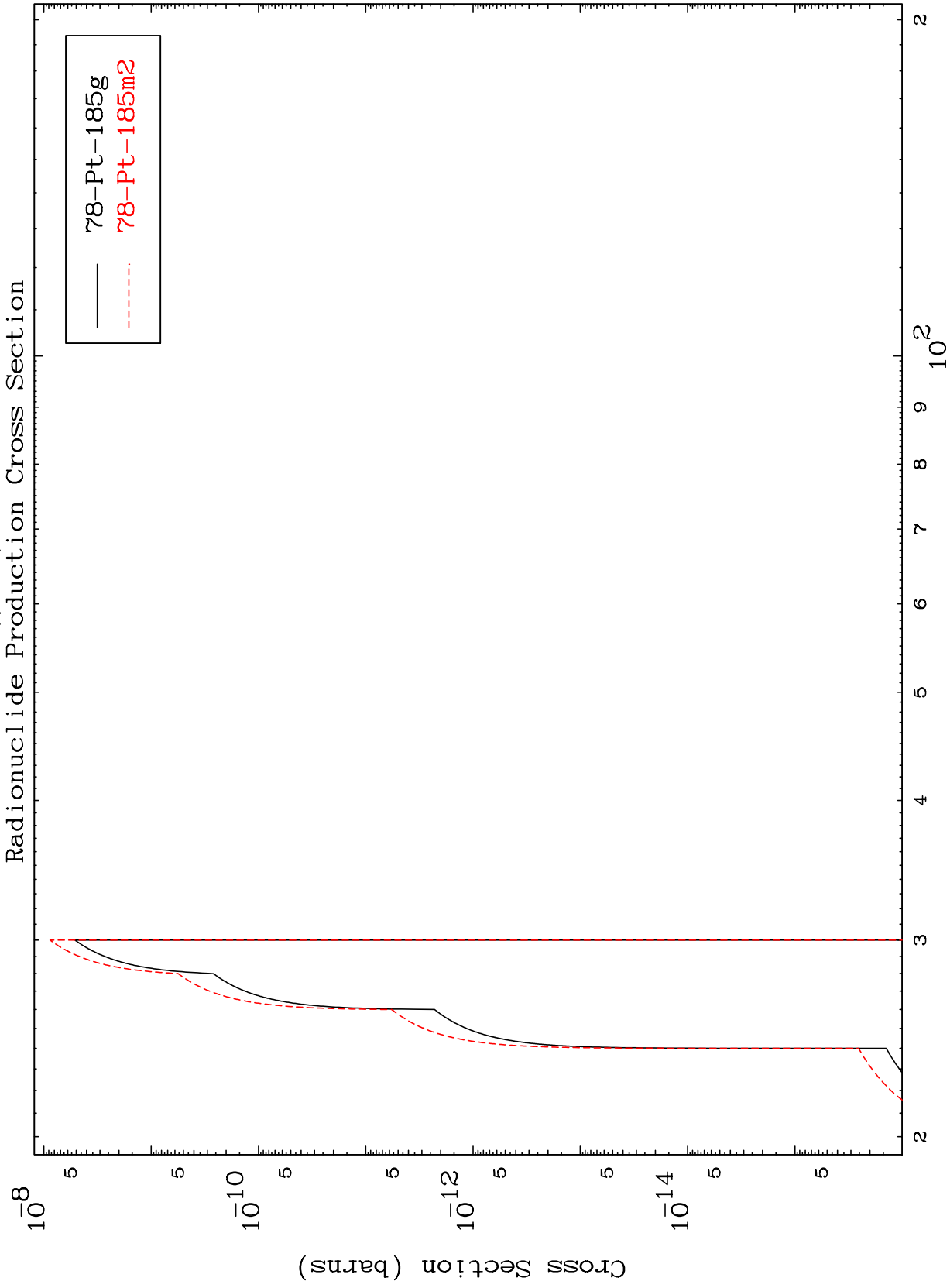
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

(γ, n') t

⁷⁹Au-189



12

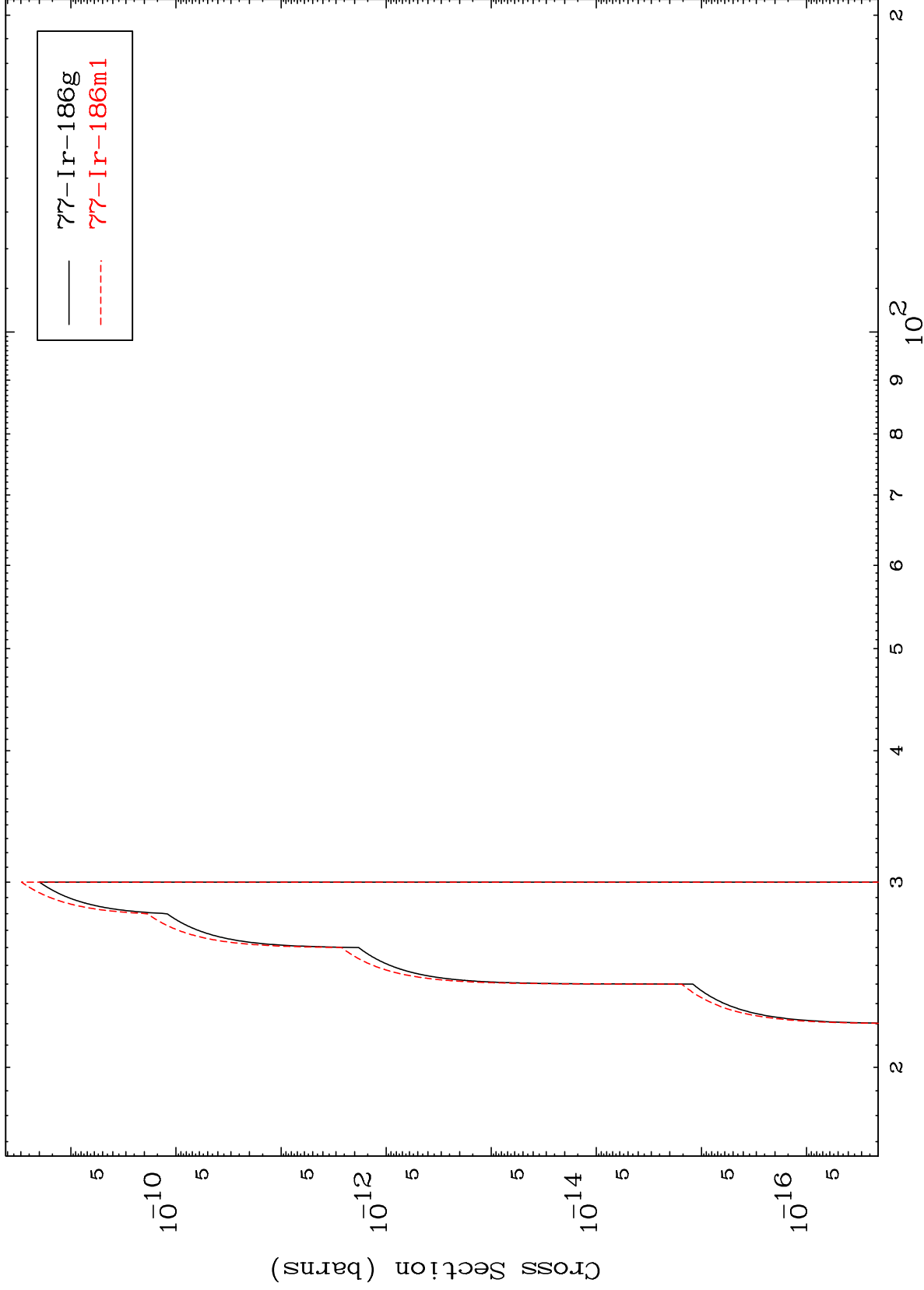
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

79-Au-189

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



13

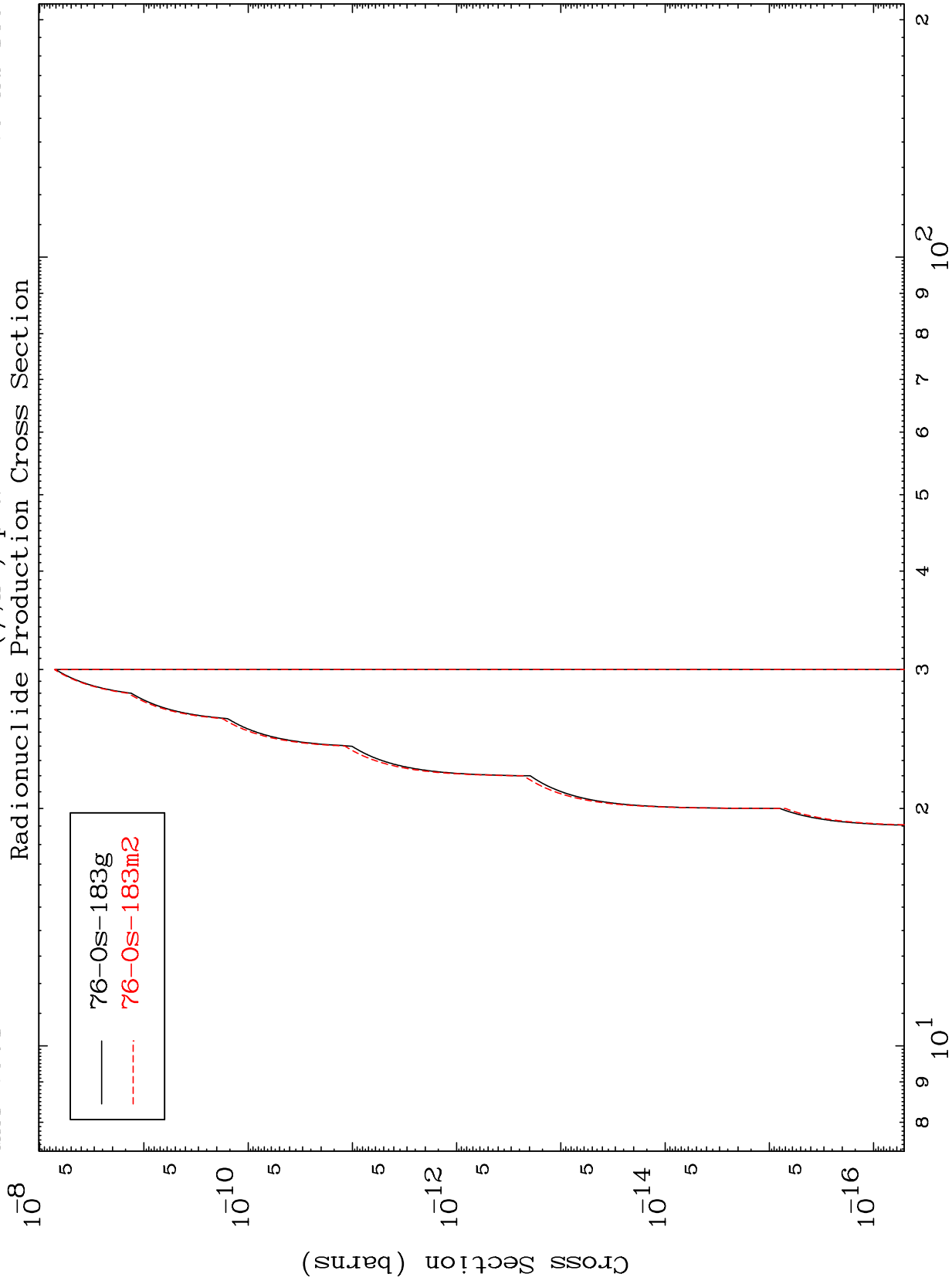
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

(γ, n') p α
Radionuclide Production Cross Section



14

Incident Energy (MeV)

79-Au-189

