

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

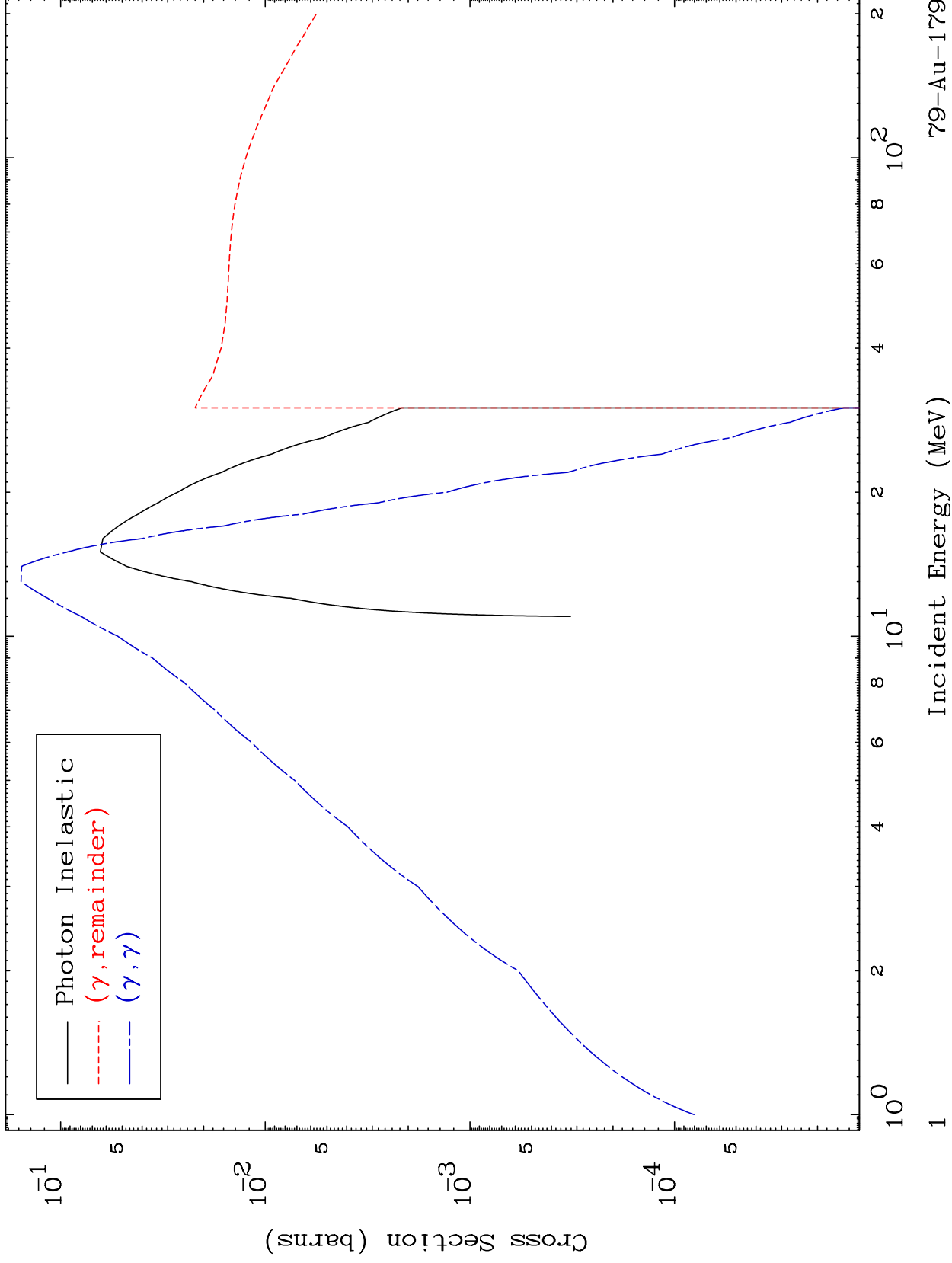
Press Mouse Button to Start

MAT 7871

Photon Major

79-Au-179

0 Kelvin Cross Sections



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

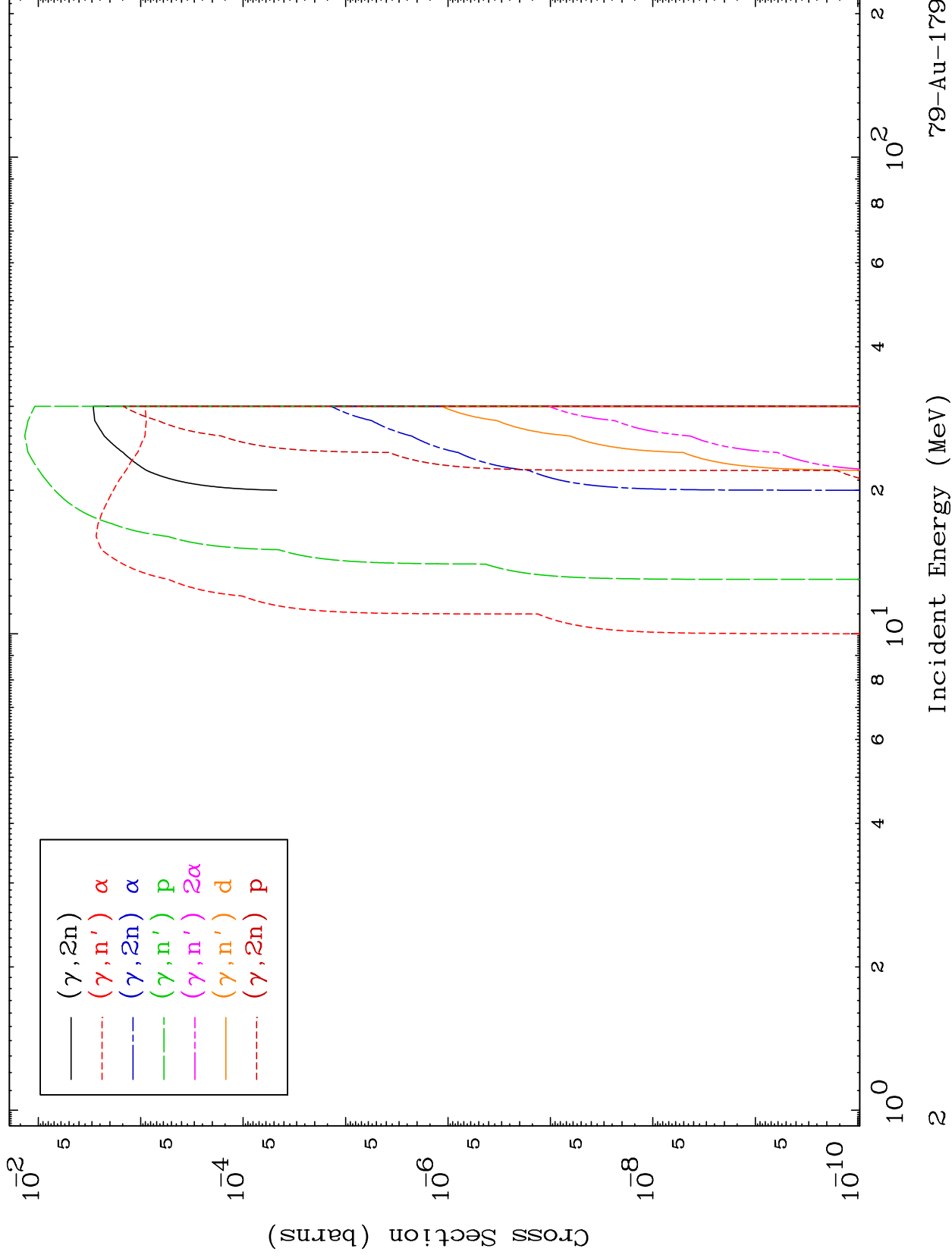
Incident Energy (MeV)

79-Au-179

MAT 7871

Photon Neutron Production
0 Kelvin Cross Sections

79-Au-179



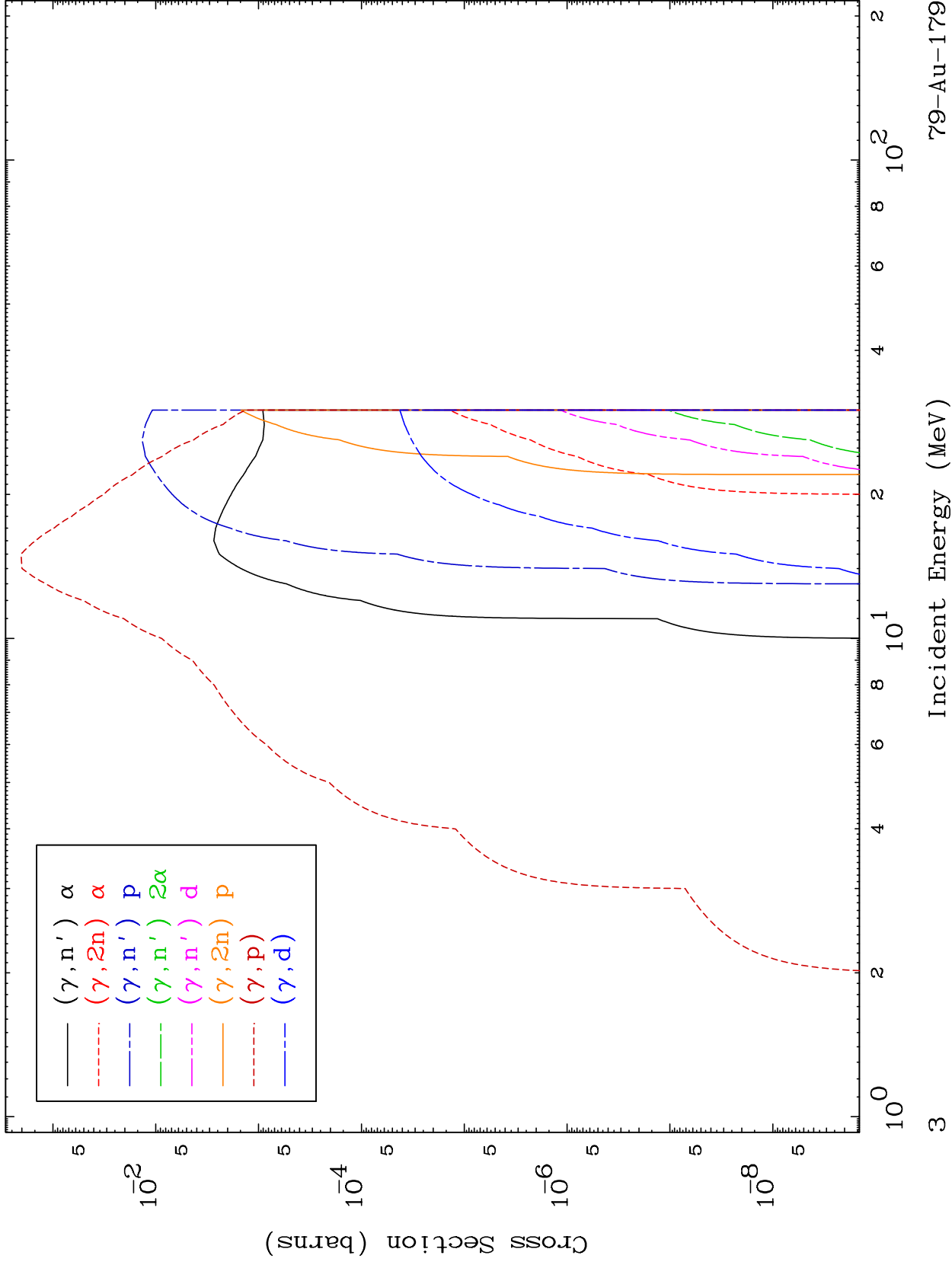
79-Au-179

Incident Energy (MeV)

MAT 7871

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-179



79-Au-179

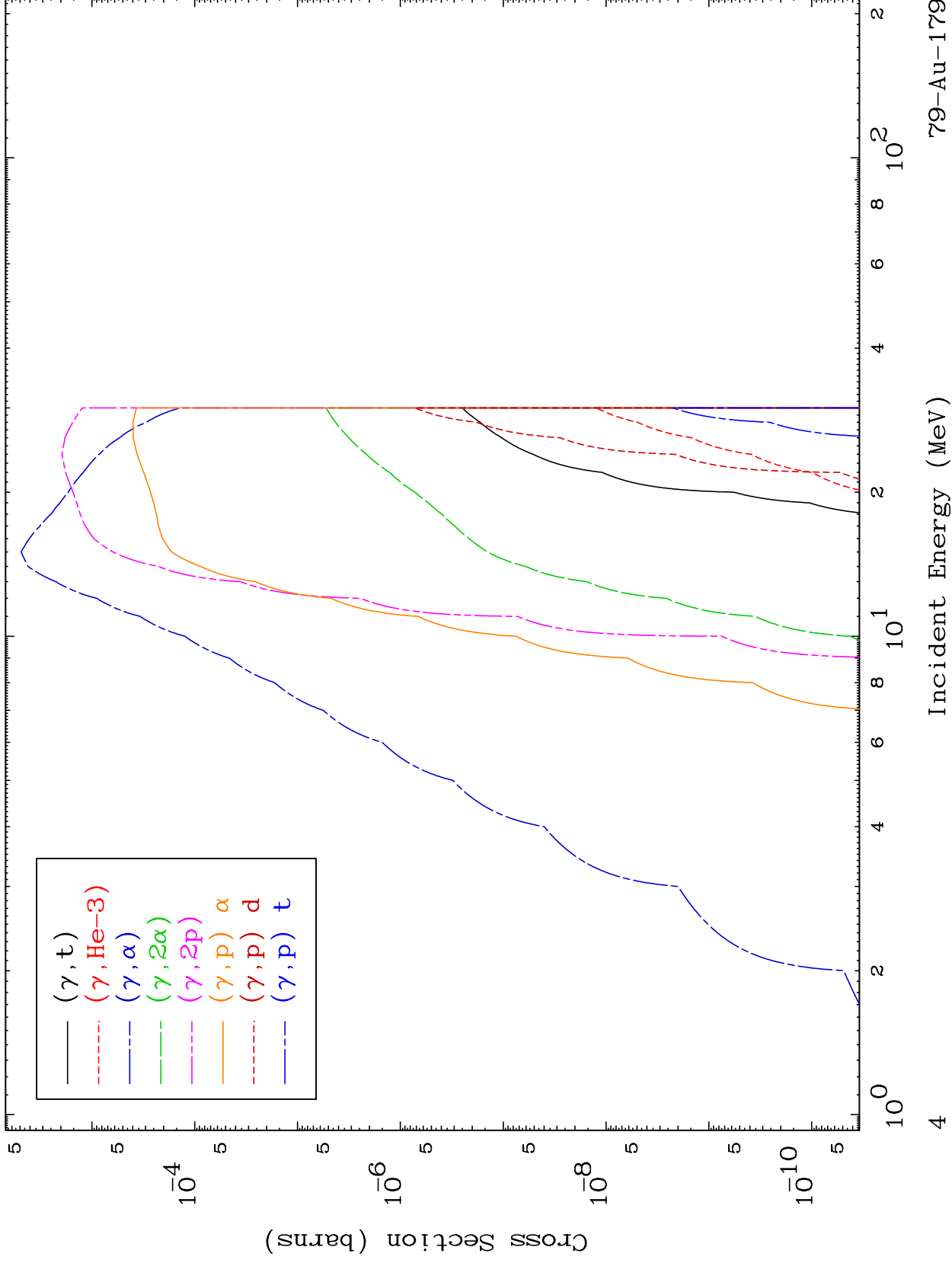
Incident Energy (MeV)

3

MAT 7871

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-179



79-Au-179

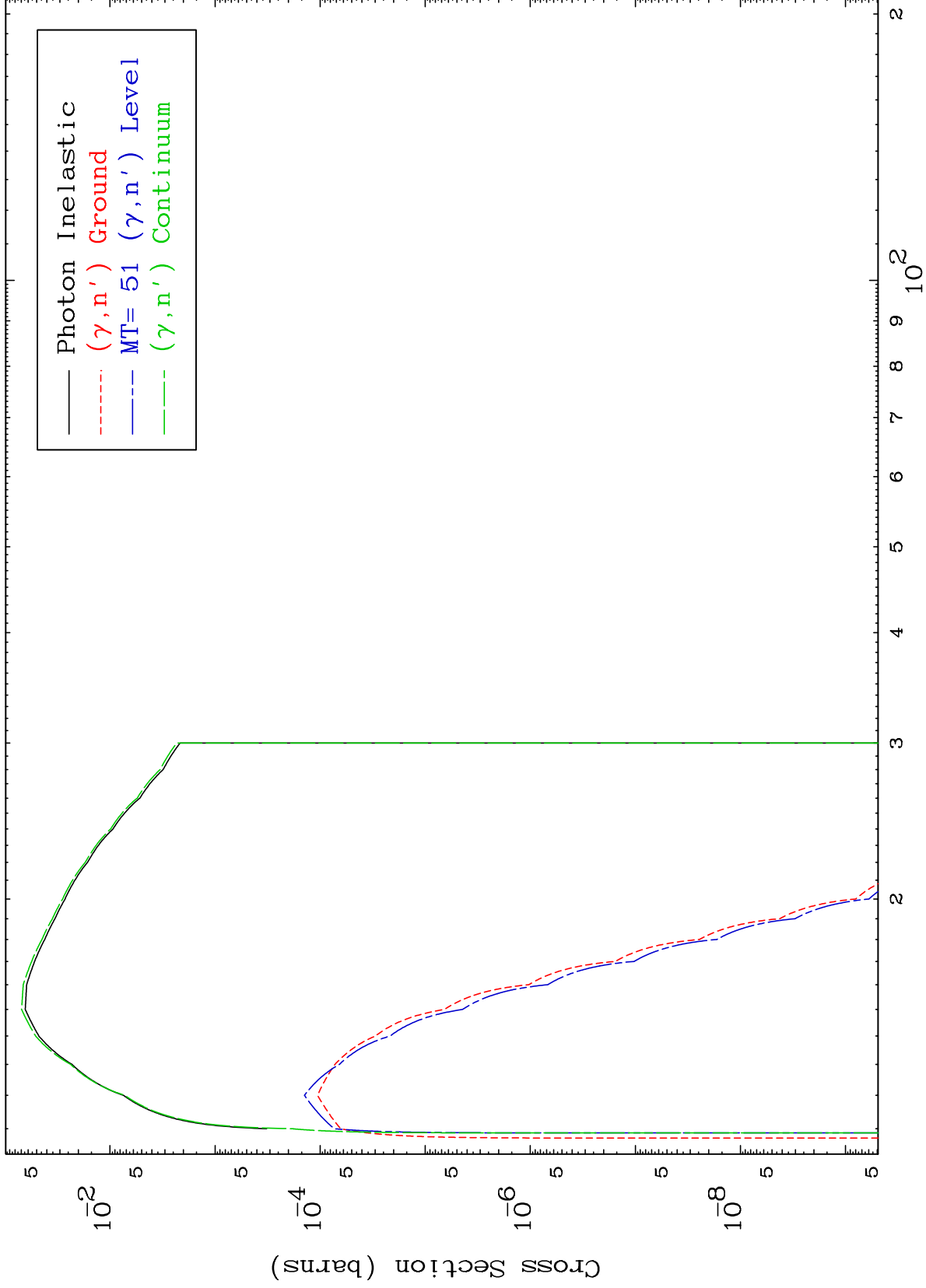
Incident Energy (MeV)

MAT 7871

(γ, n') Level

79-Au-179

0 Kelvin Cross Sections



Incident Energy (MeV)

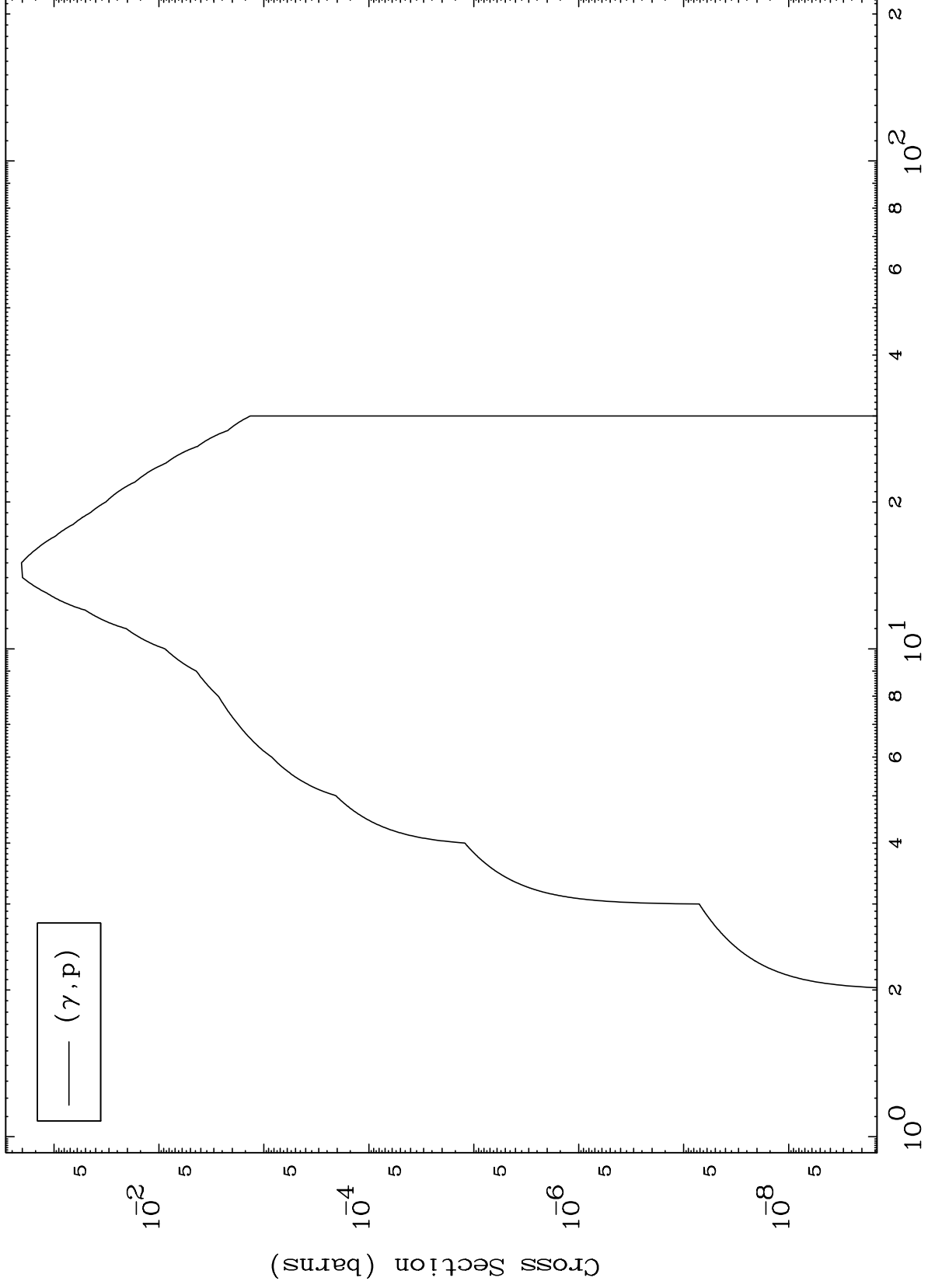
79-Au-179

5

MAT 7871

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-179



Incident Energy (MeV)

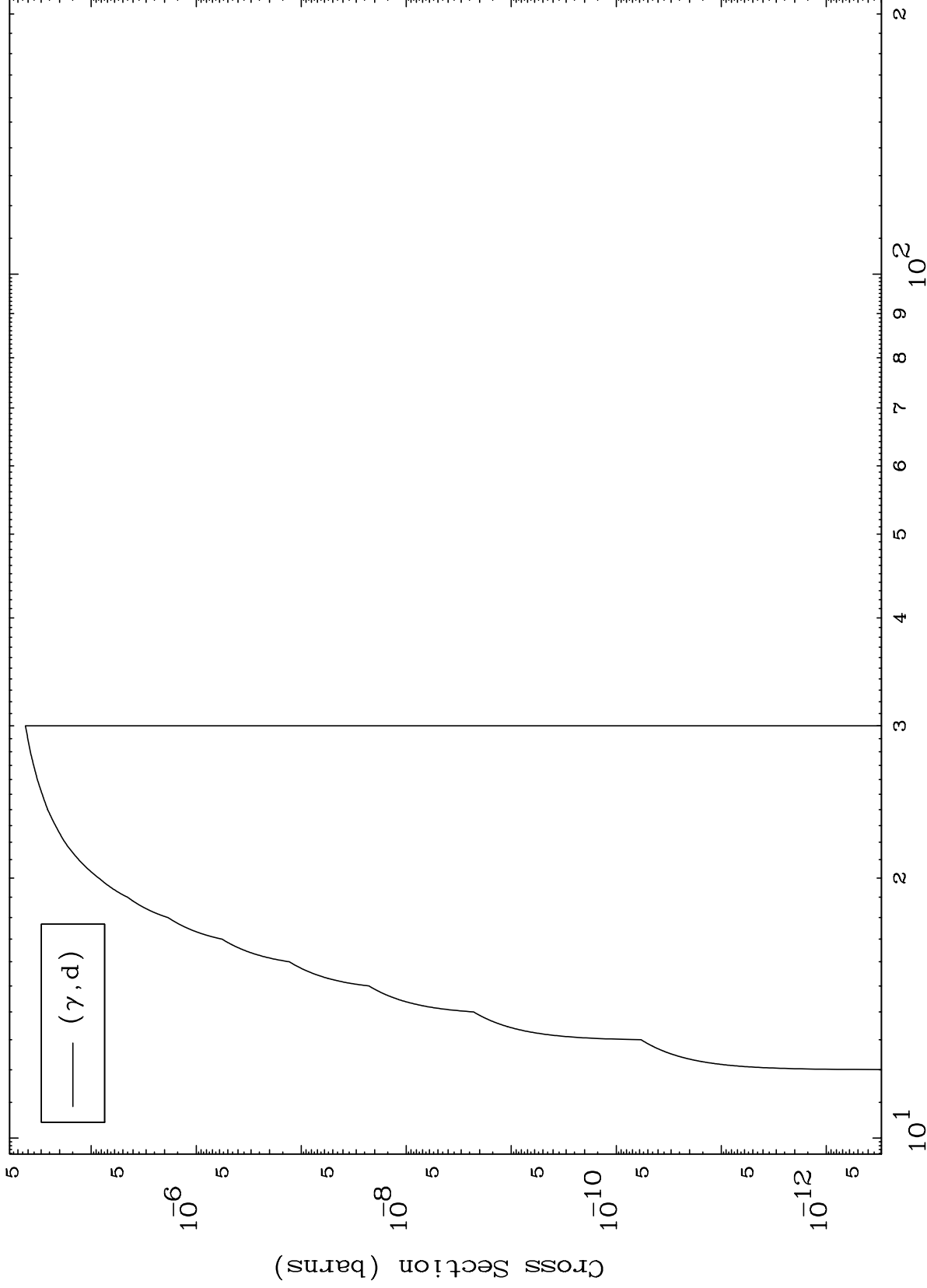
79-Au-179

MAT 7871

(γ, d) Levels

79-Au-179

0 Kelvin Cross Sections



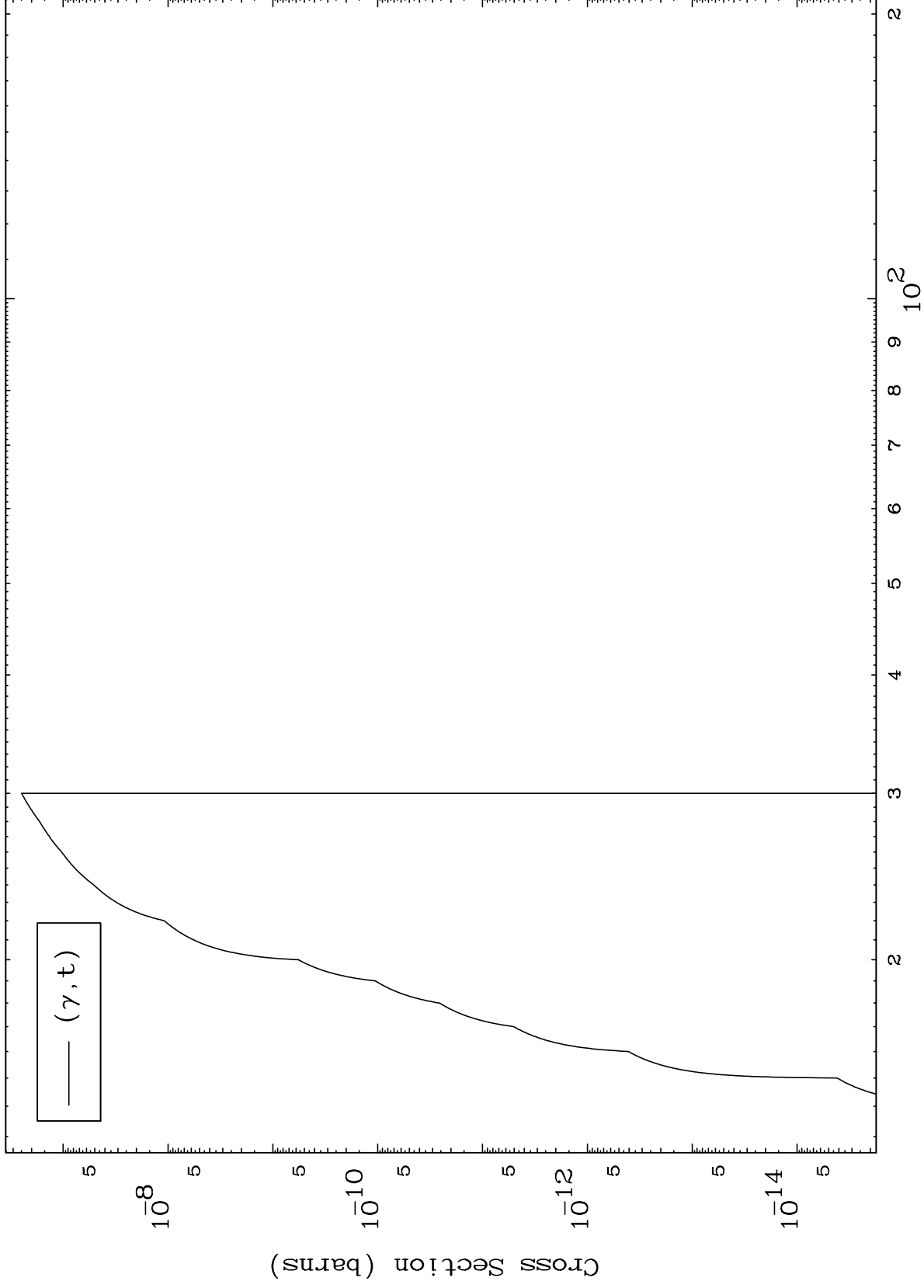
Incident Energy (MeV)

79-Au-179

MAT 7871

(γ, t) Levels
0 Kelvin Cross Sections

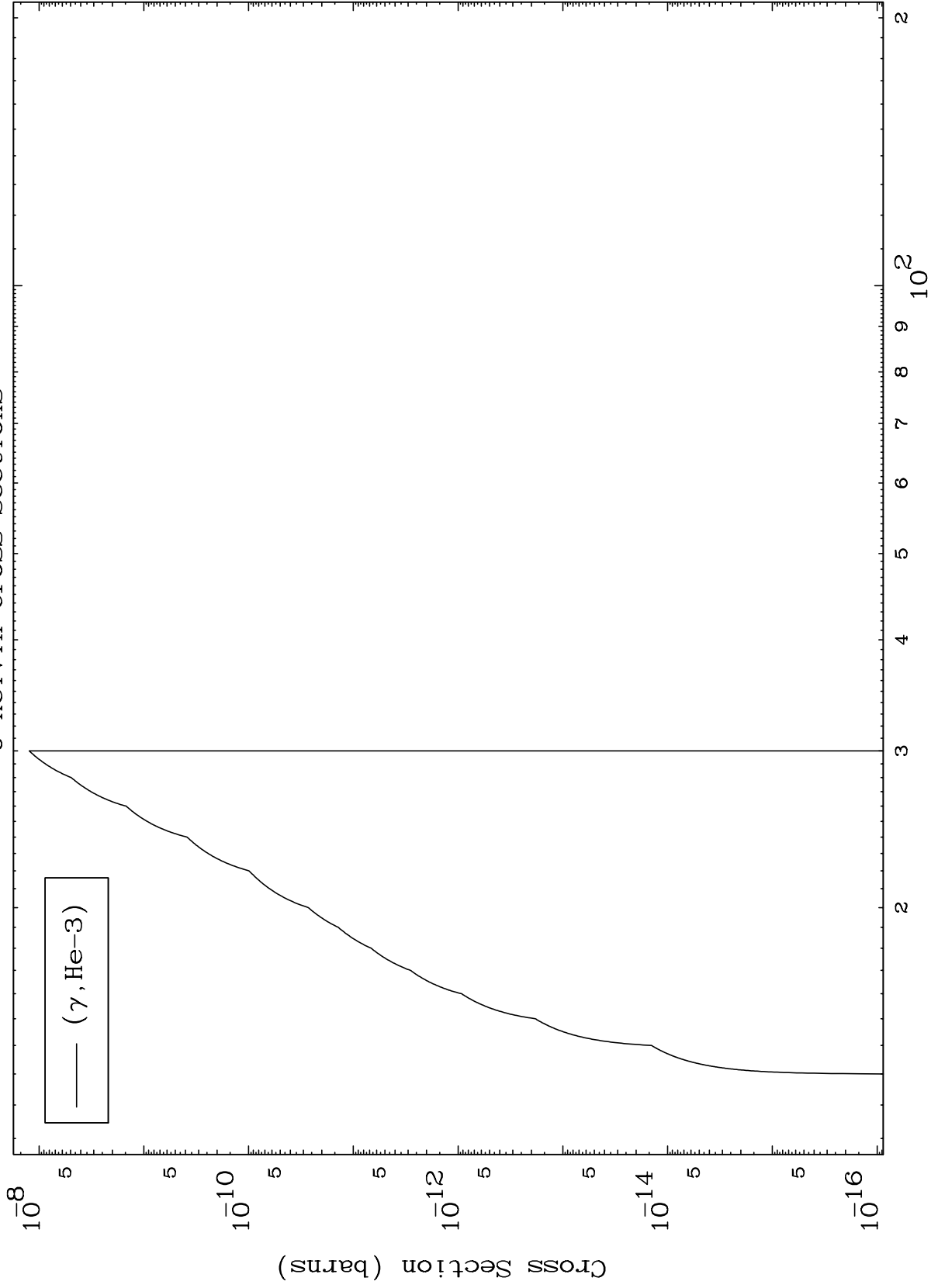
79-Au-179



8

Incident Energy (MeV)

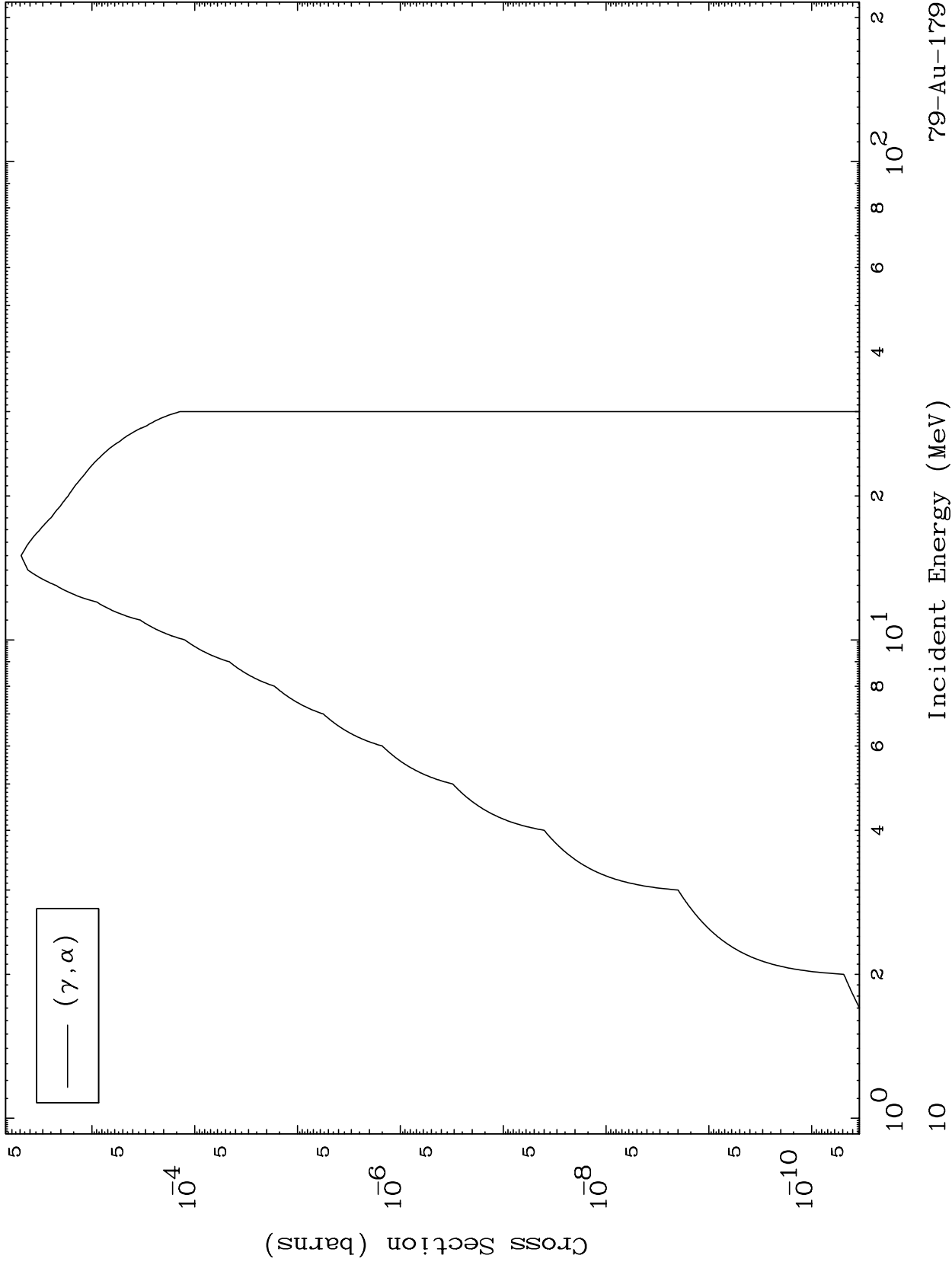
79-Au-179



MAT 7871

79-Au-179

(γ, α) Levels
0 Kelvin Cross Sections



79-Au-179

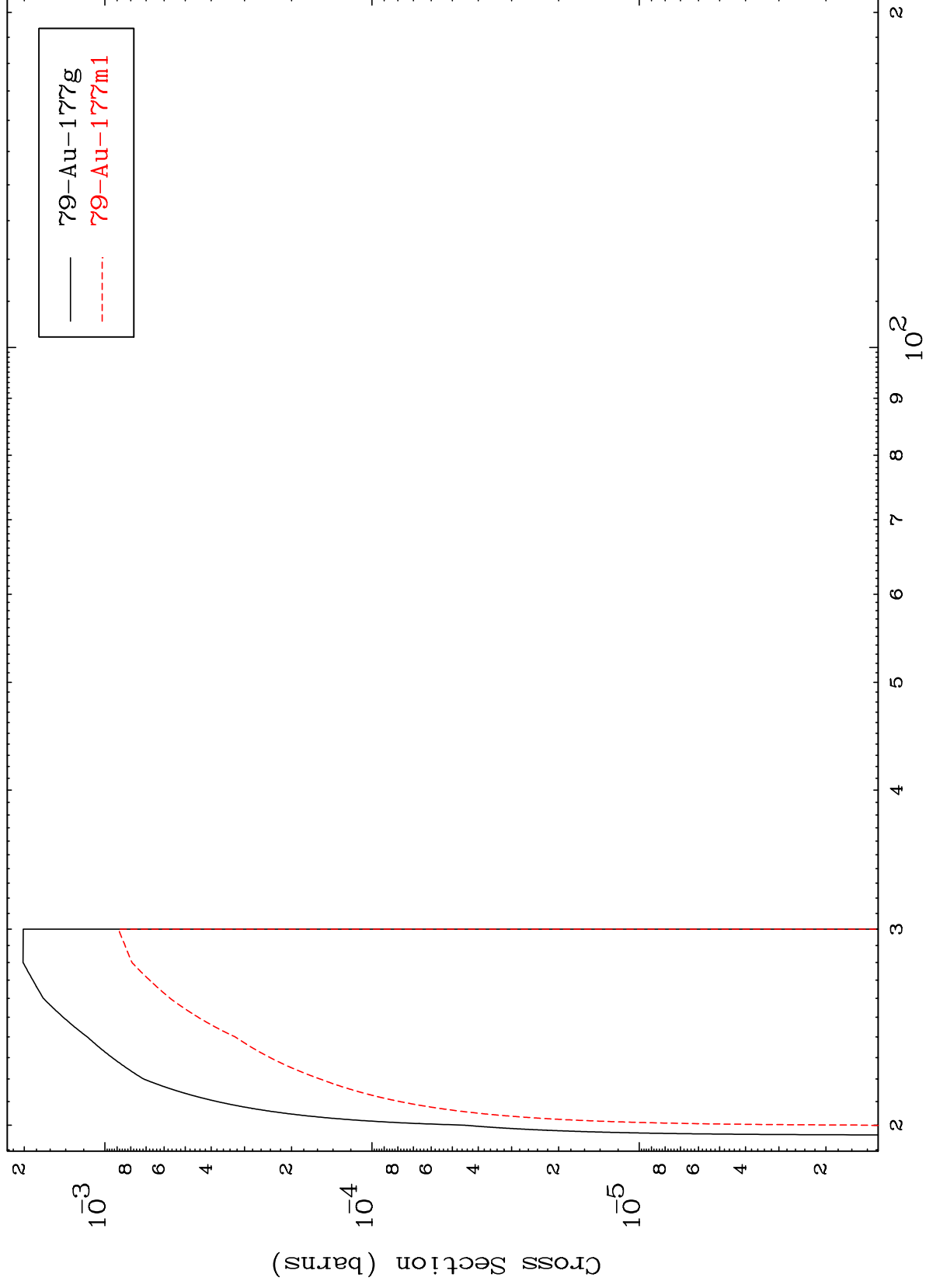
Incident Energy (MeV)

MAT 7871

⁷⁹Au-179

($\gamma, 2n$)

Radionuclide Production Cross Section



⁷⁹Au-179

Incident Energy (MeV)

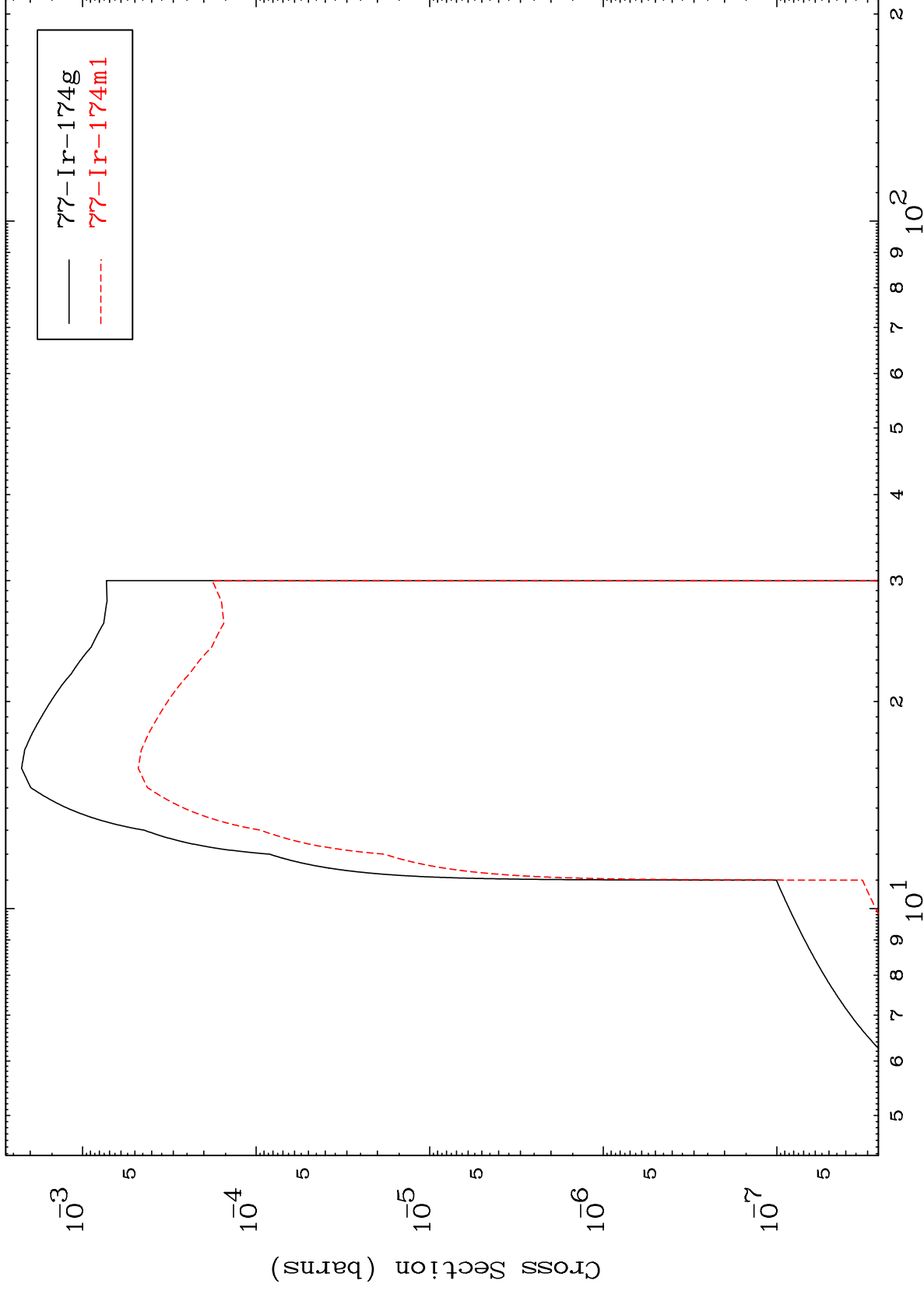
11

MAT 7871

(γ, n') α

$^{79}\text{Au-179}$

Radionuclide Production Cross Section

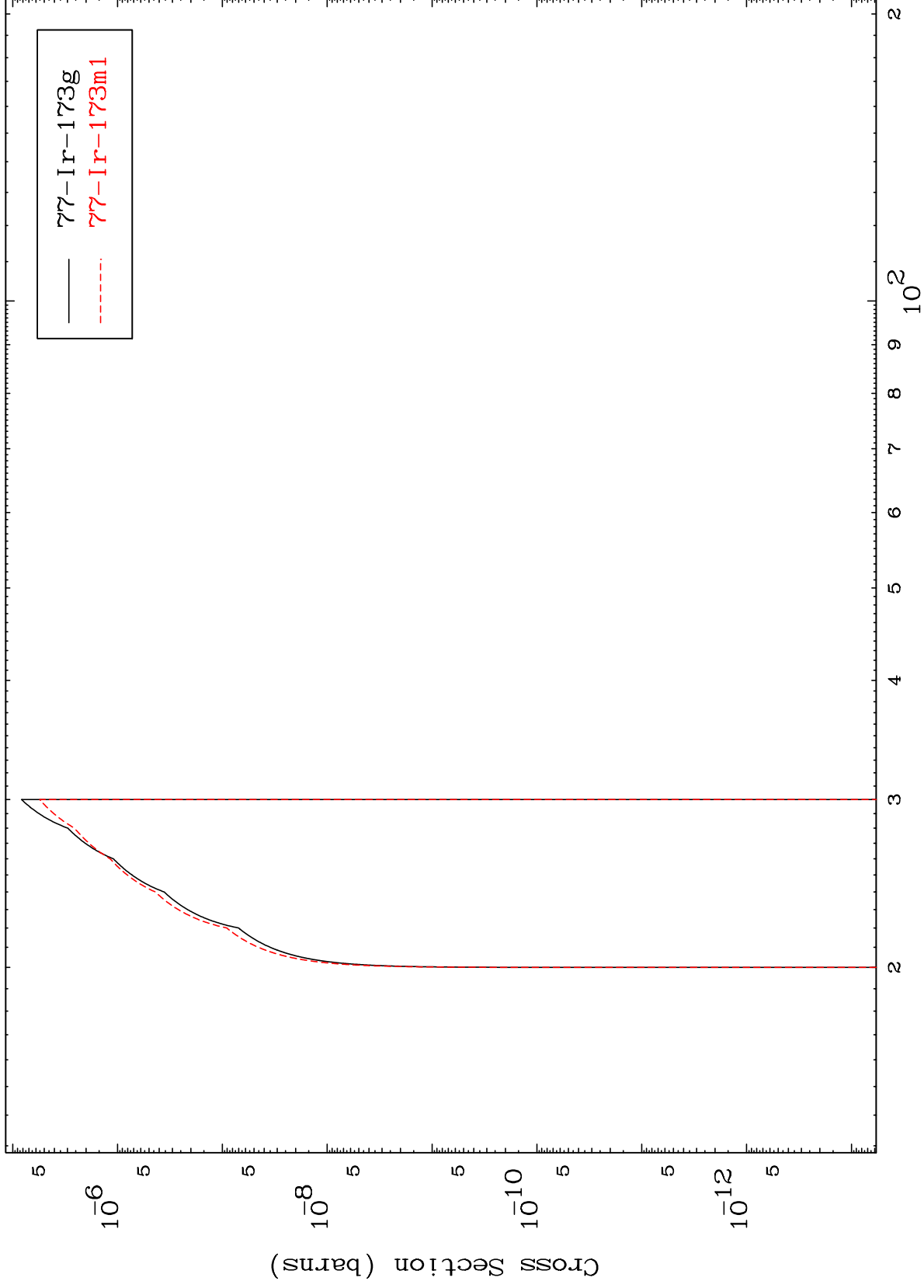


MAT 7871

$(\gamma, 2n) \alpha$

79-Au-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

79-Au-179