

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

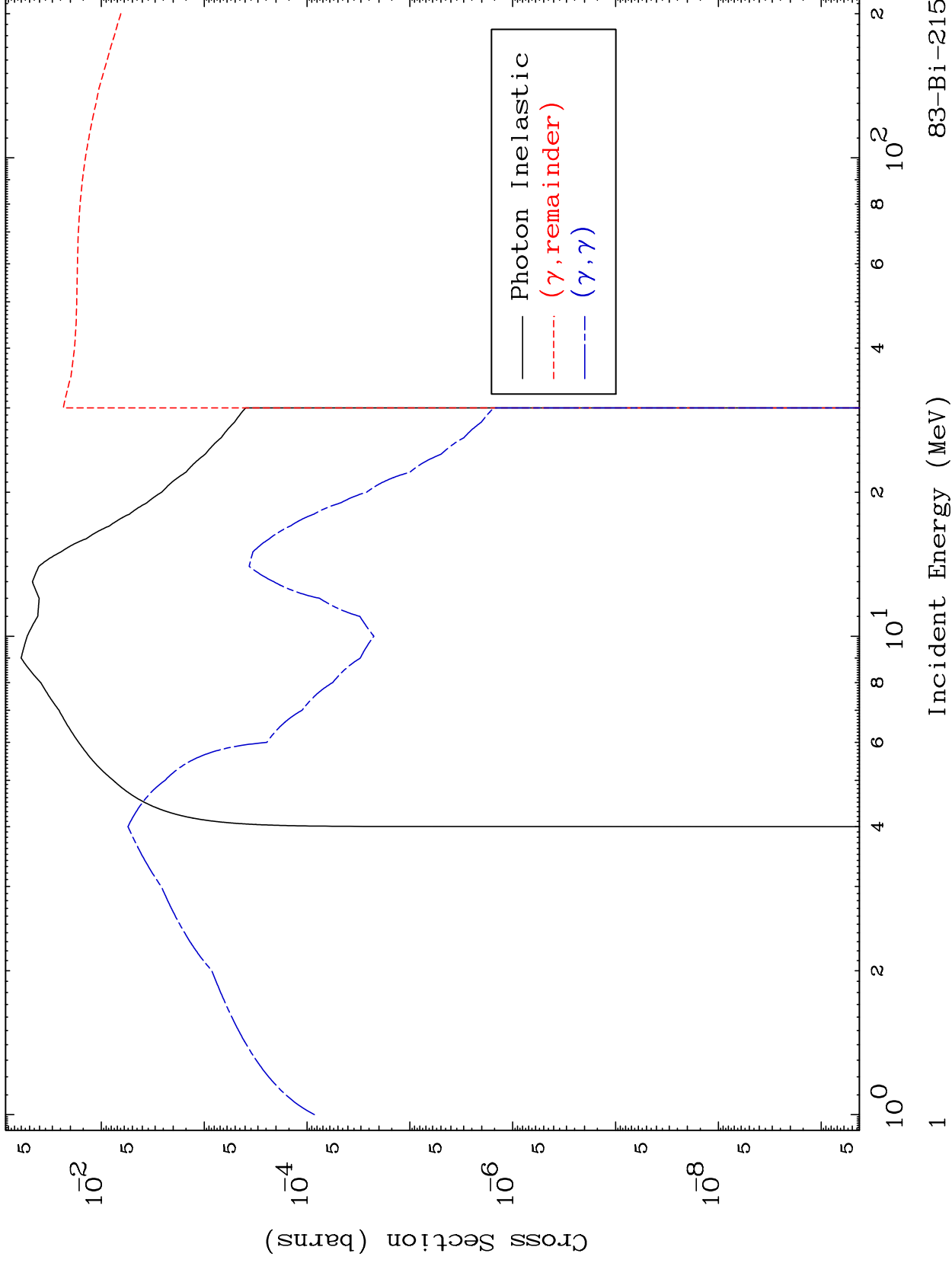
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8344

Photon Major
0 Kelvin Cross Sections

83-Bi-215



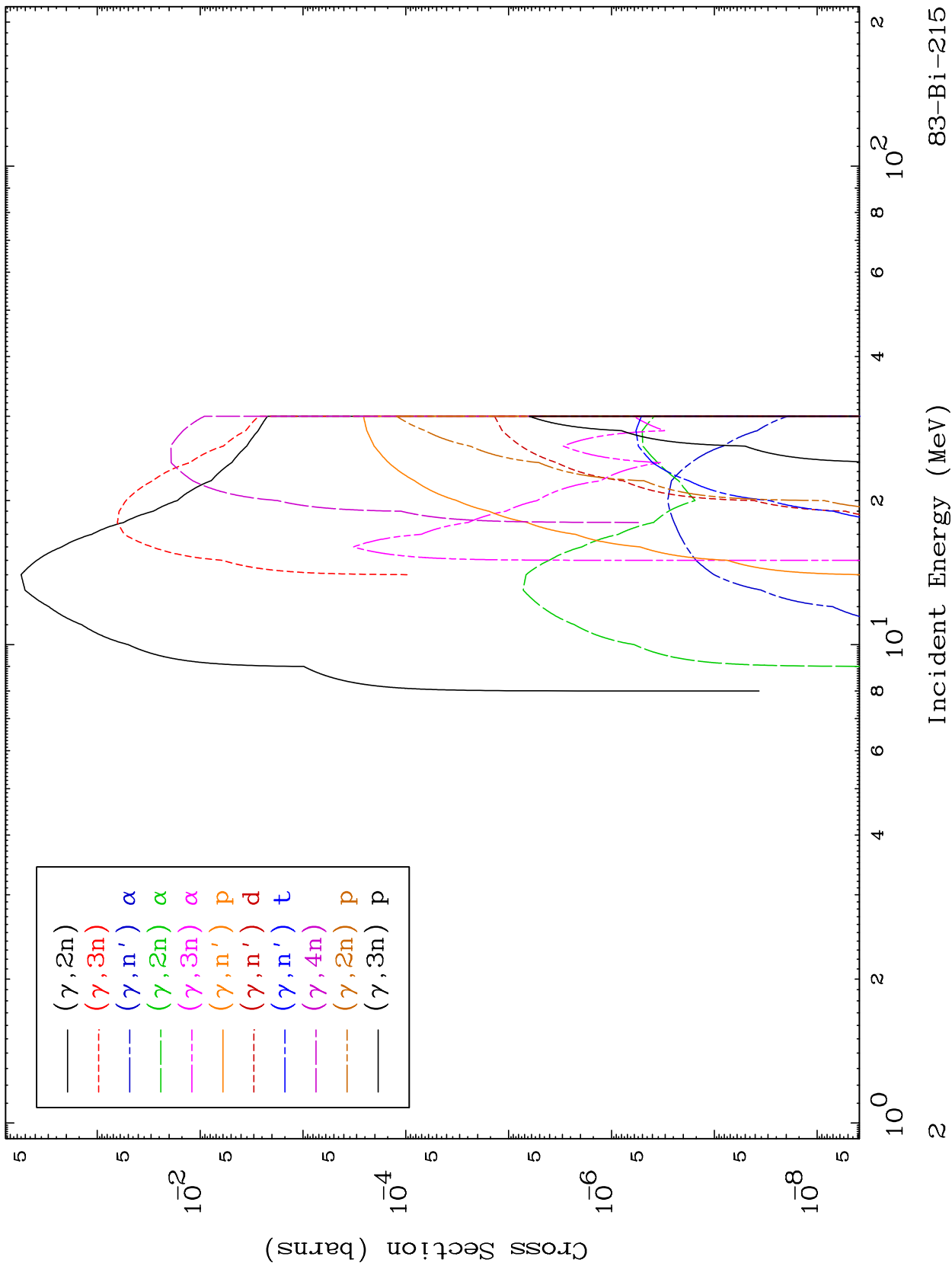
83-Bi-215

Incident Energy (MeV)

MAT 8344

Photon Neutron Production
0 Kelvin Cross Sections

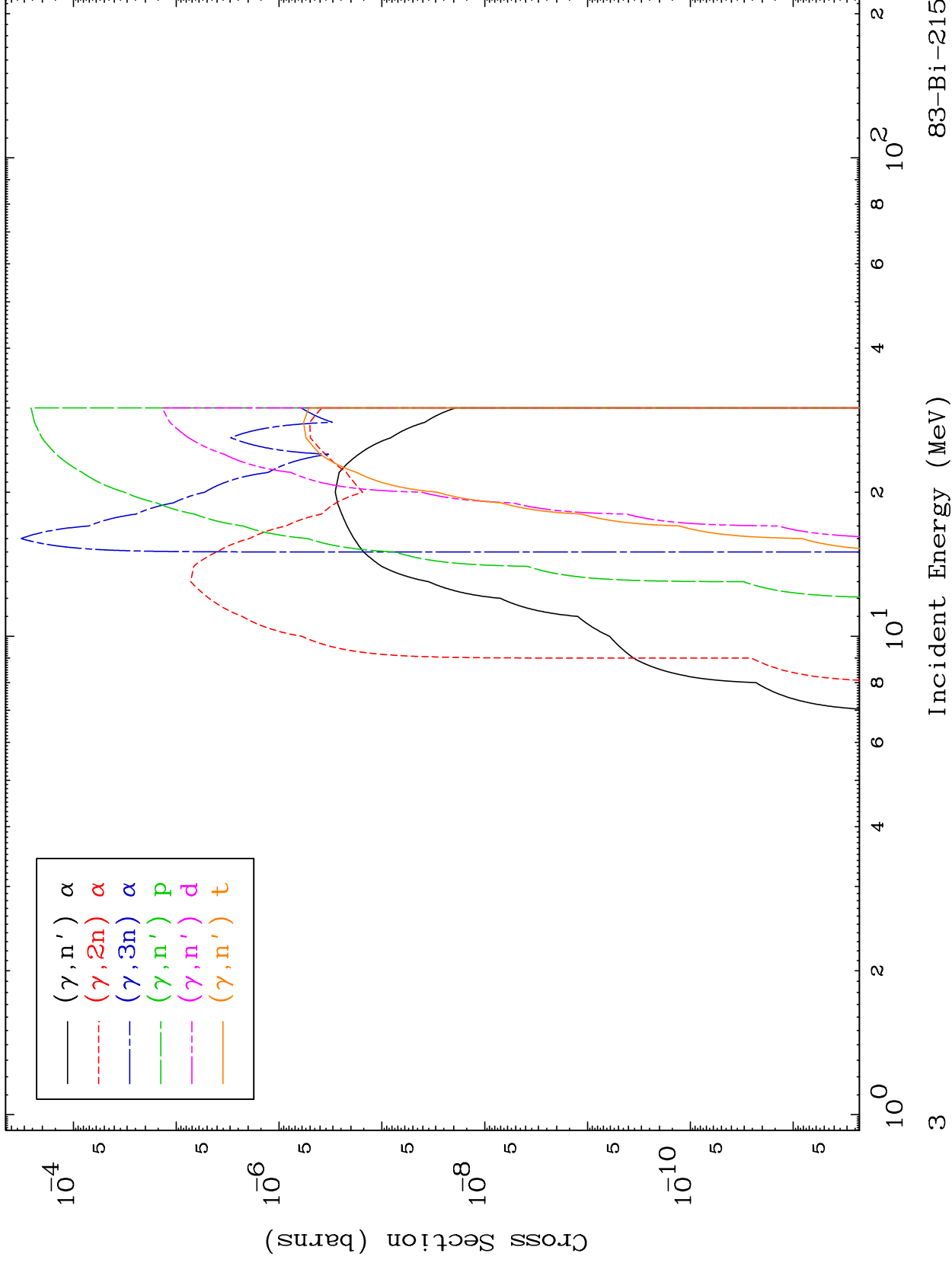
83-Bi-215



MAT 8344

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-215



Incident Energy (MeV)

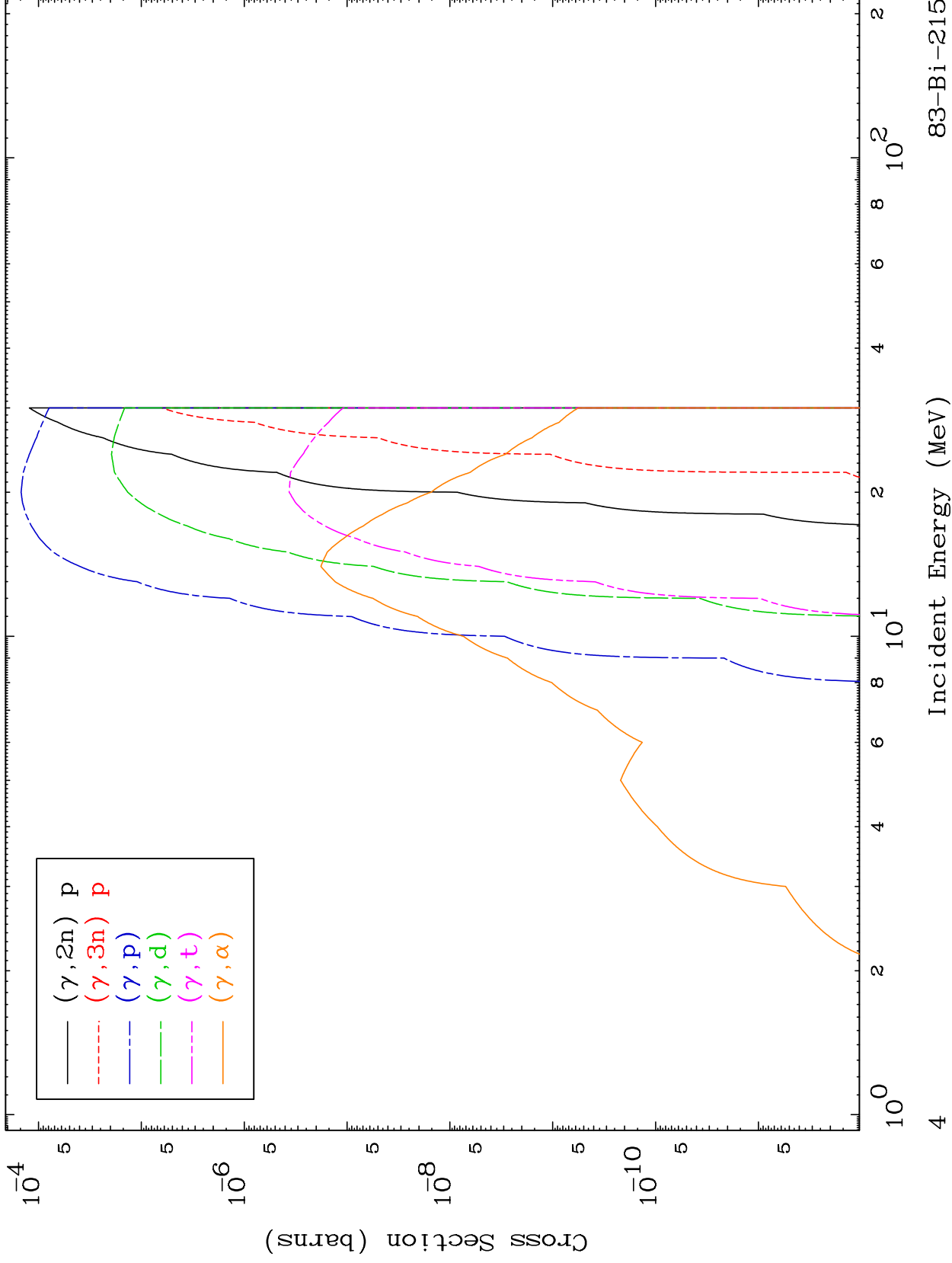
83-Bi-215

3

MAT 8344

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-215



83-Bi-215

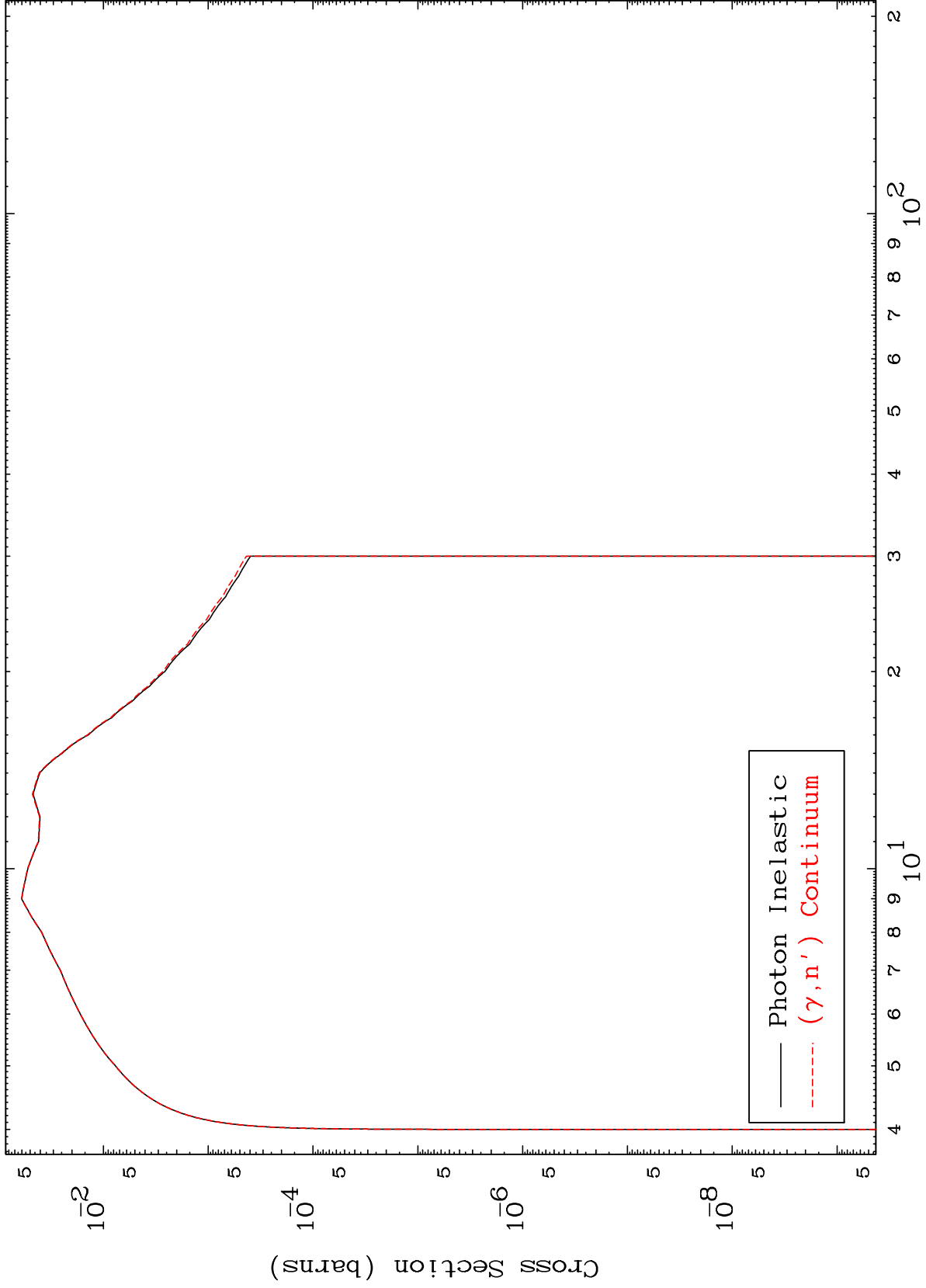
Incident Energy (MeV)

MAT 8344

(γ, n') Level

83-Bi-215

0 Kelvin Cross Sections



5

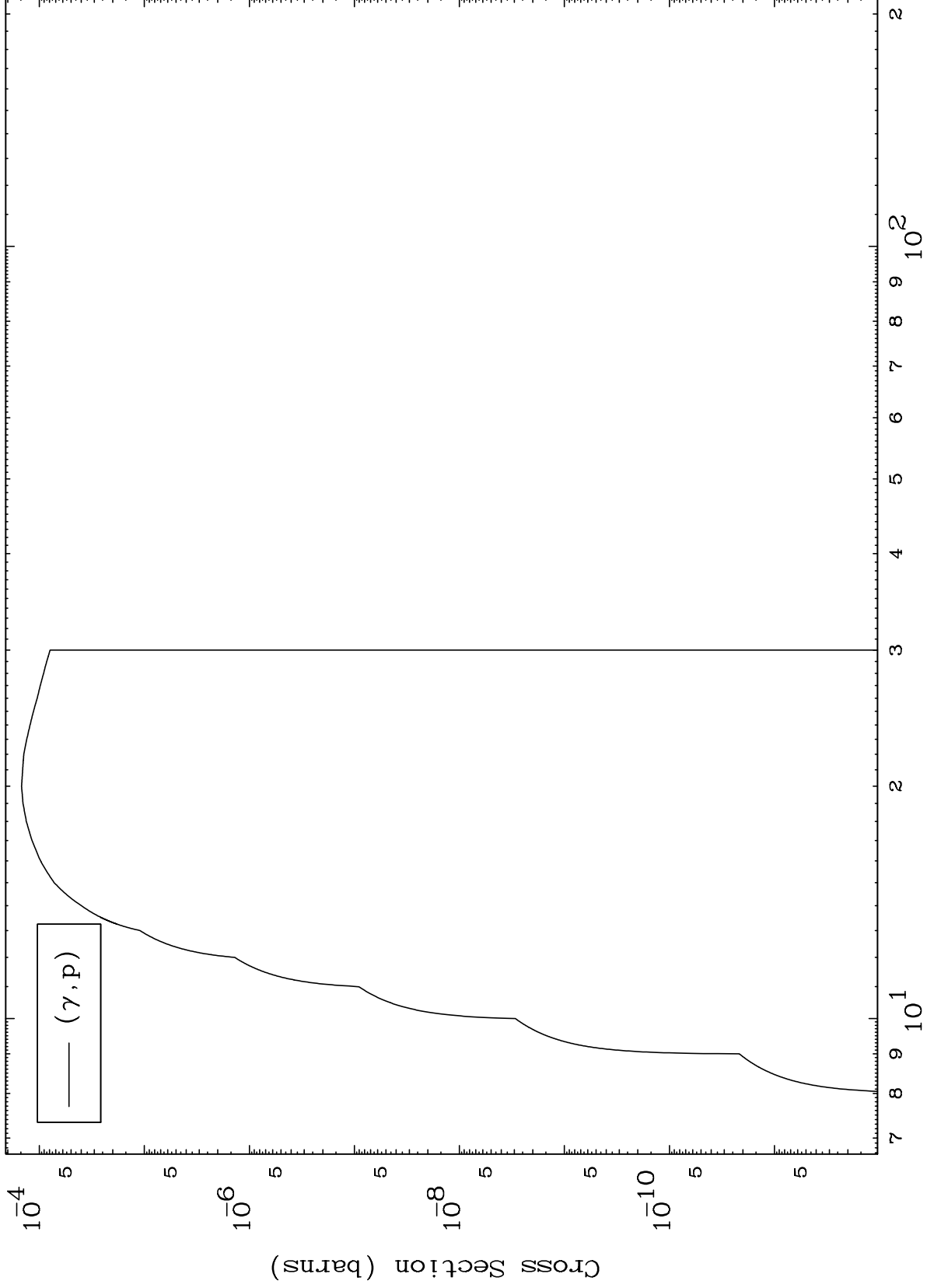
Incident Energy (MeV)

83-Bi-215

MAT 8344

83-Bi-215

(γ, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

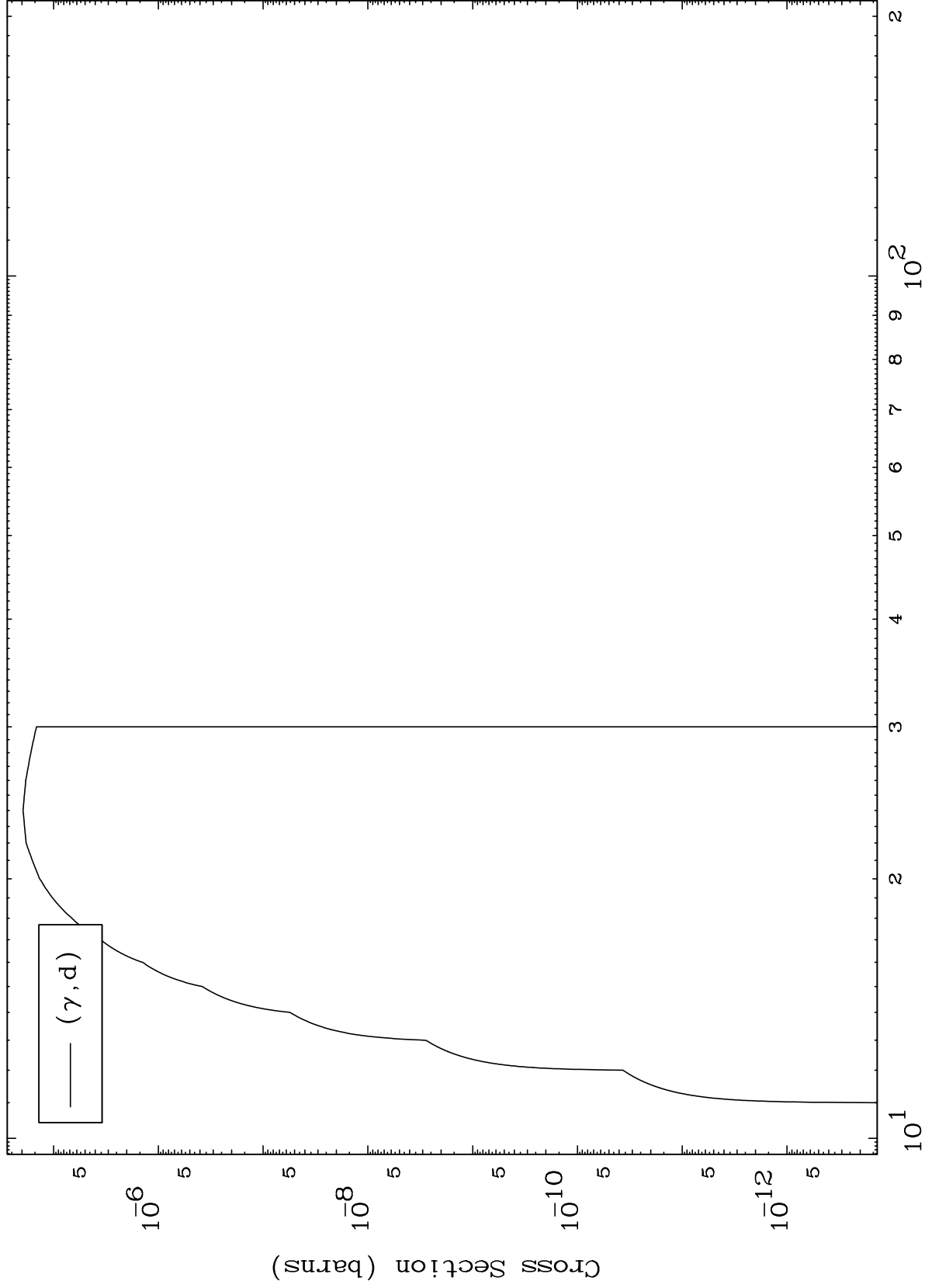
83-Bi-215

MAT 8344

(γ, d) Levels

83-Bi-215

0 Kelvin Cross Sections



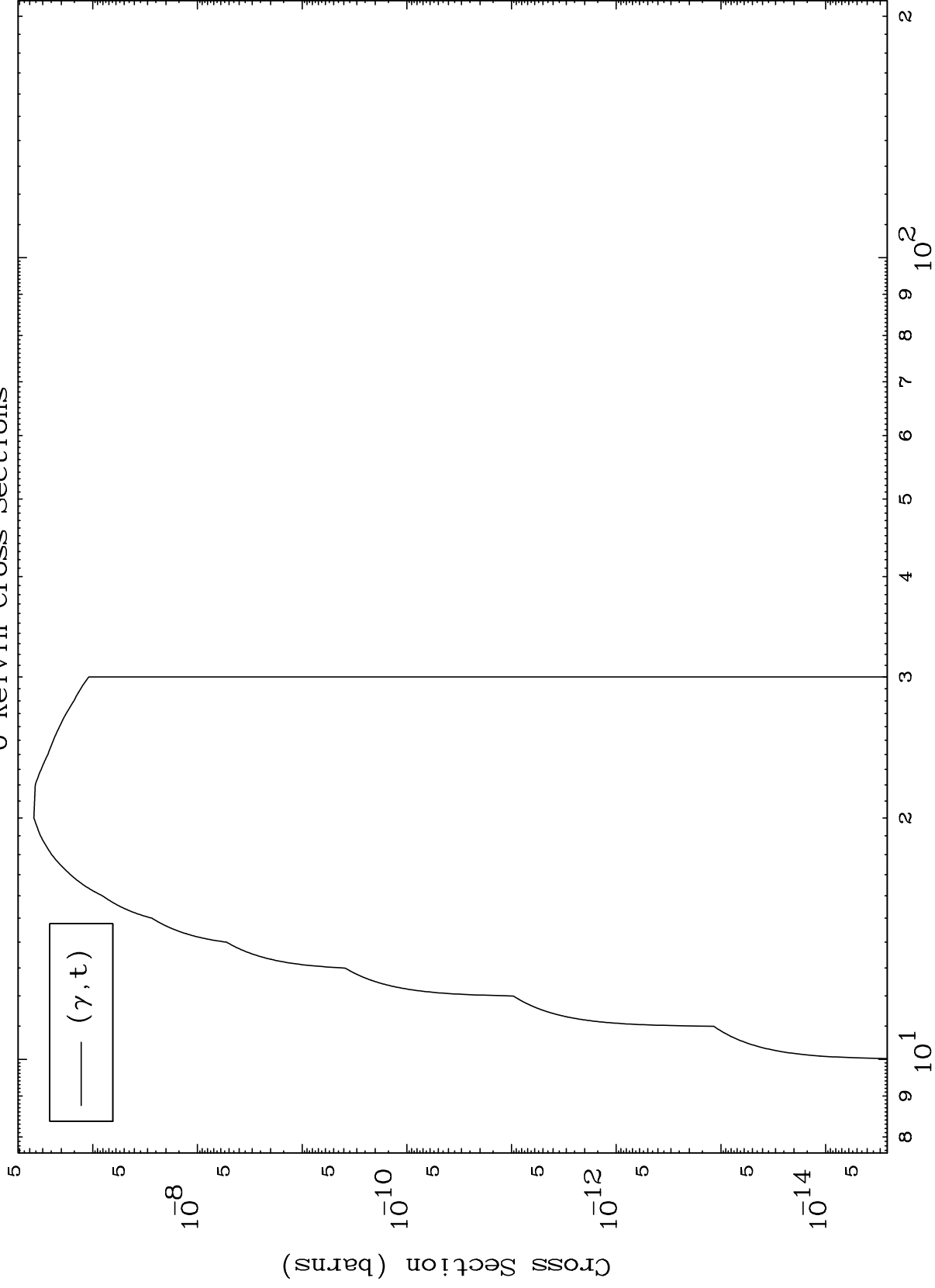
Incident Energy (MeV)

83-Bi-215

MAT 8344

(γ, t) Levels
0 Kelvin Cross Sections

83-Bi-215



8

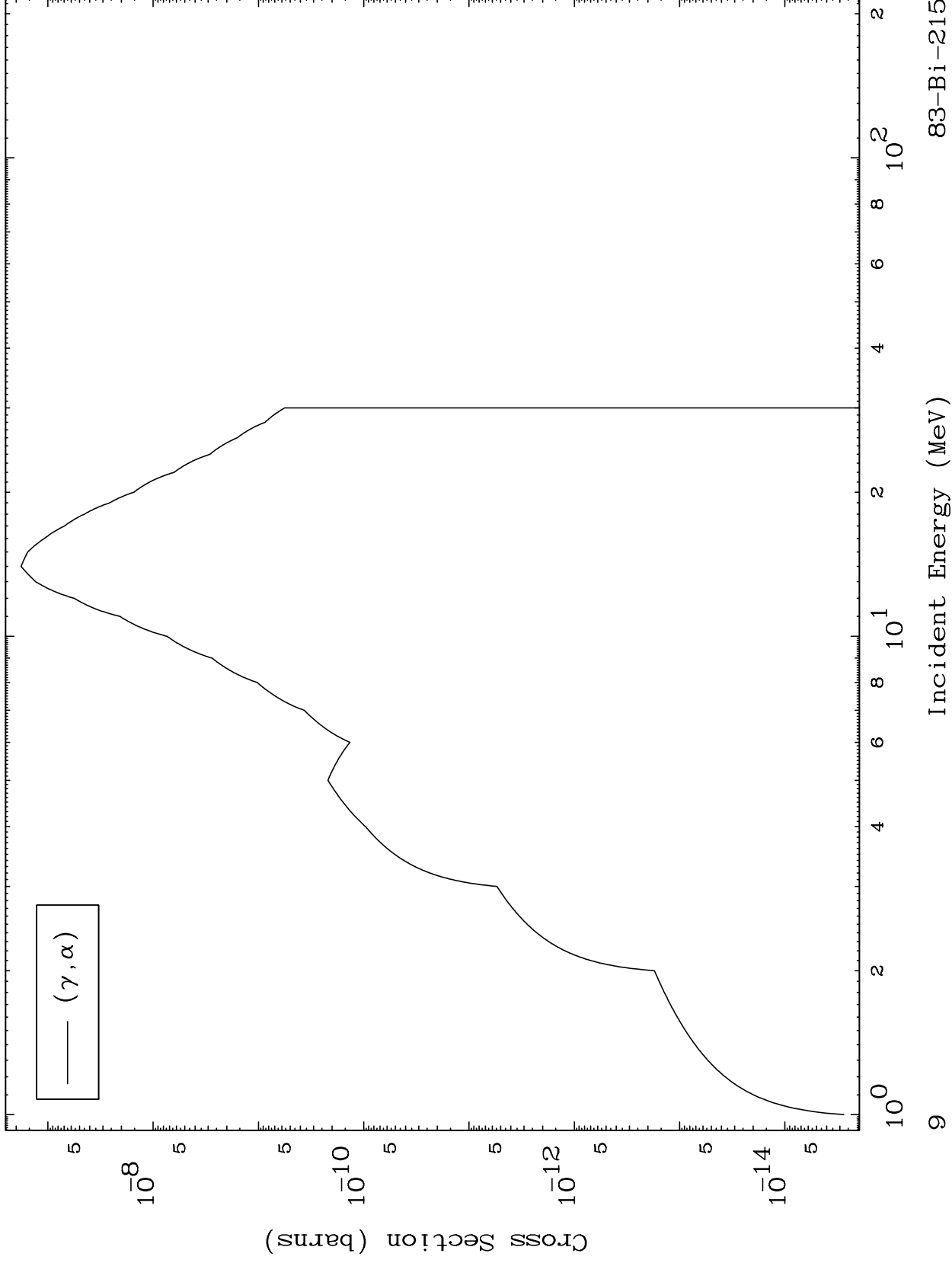
Incident Energy (MeV)

83-Bi-215

MAT 8344

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-215



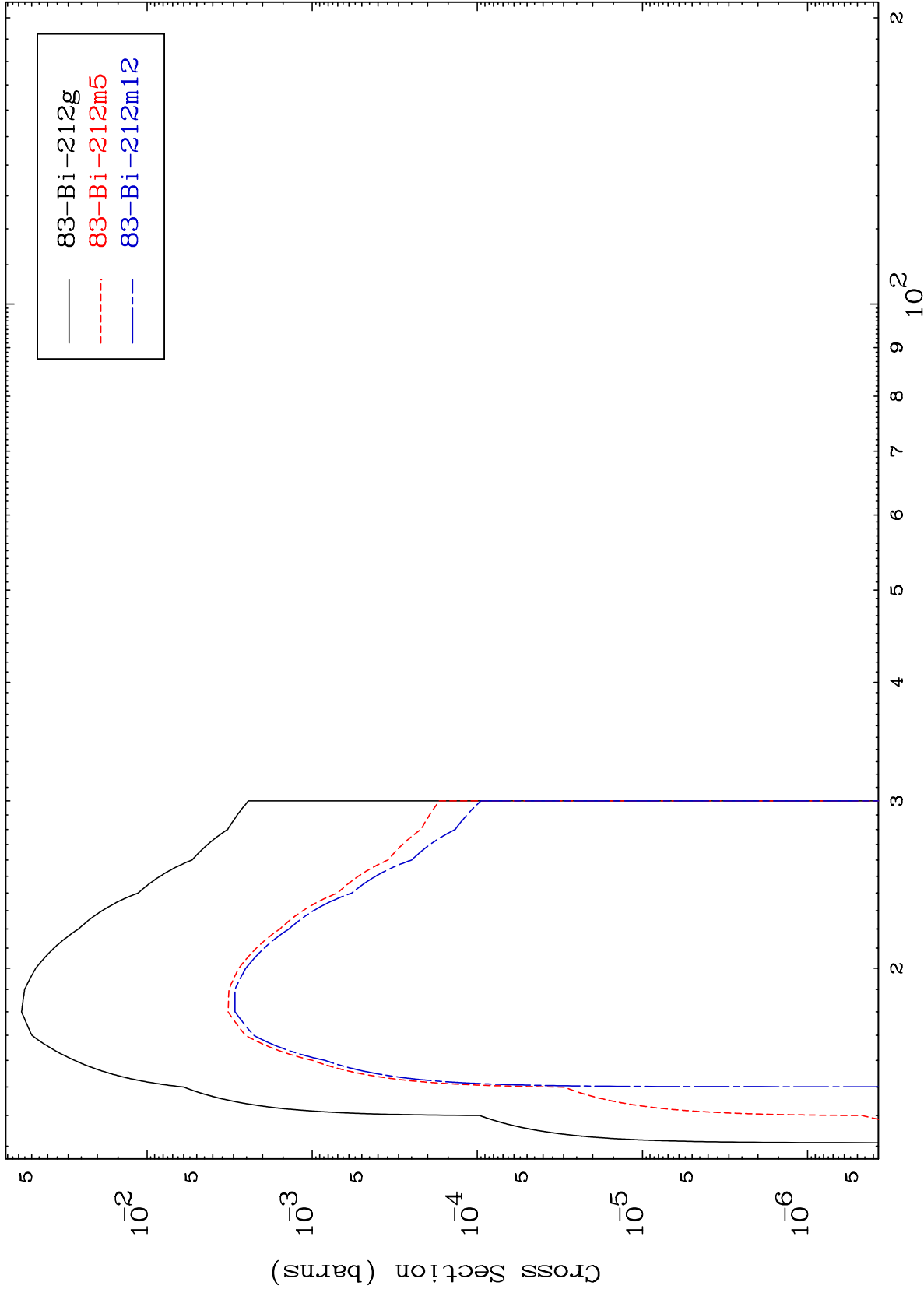
83-Bi-215

MAT 8344

($\gamma, 3n$)

83-Bi-215

Radionuclide Production Cross Section



10

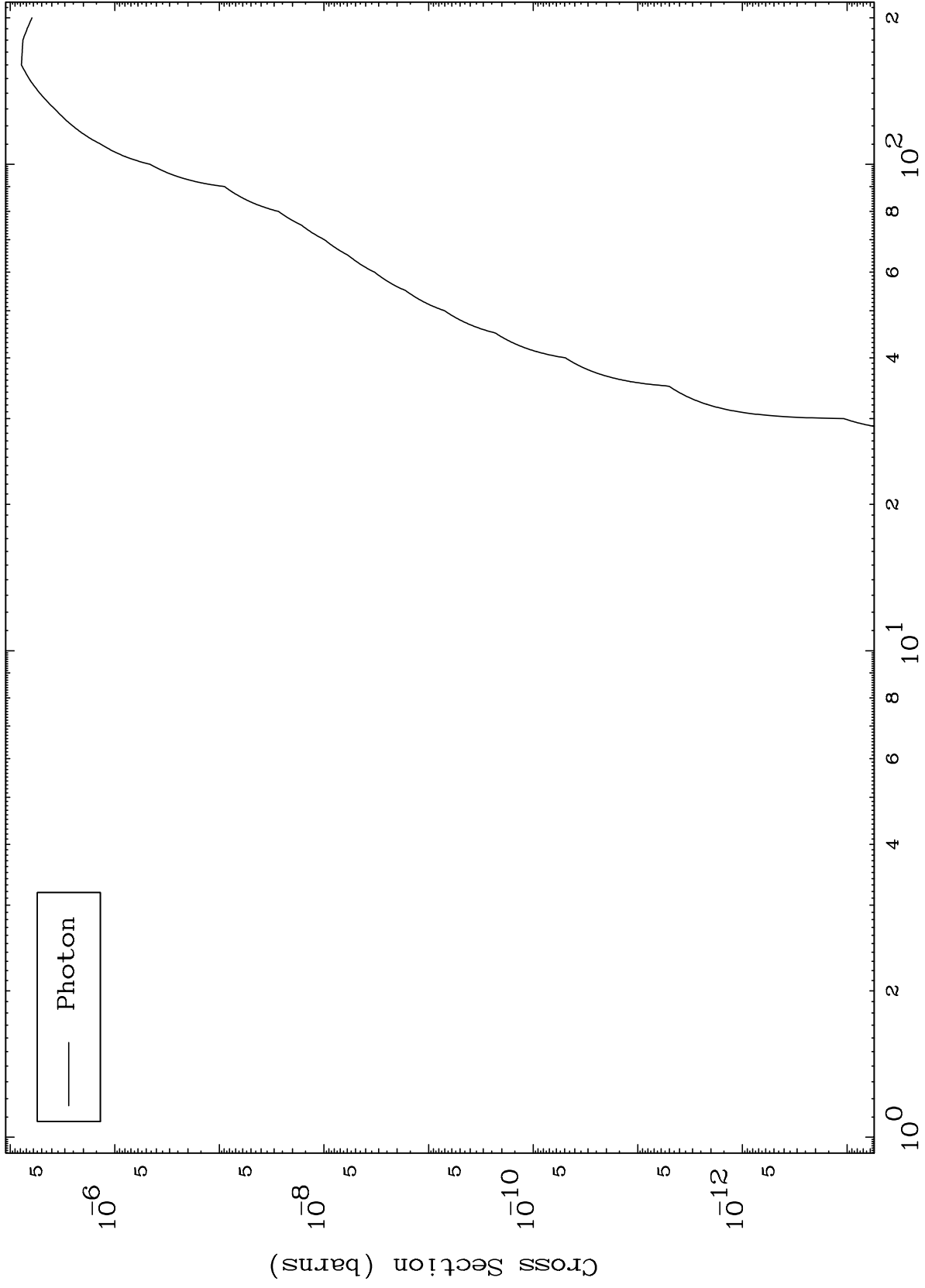
Incident Energy (MeV)

83-Bi-215

MAT 8344

Photon Fission
Radionuclide Production Cross Section

83-Bi-215



11

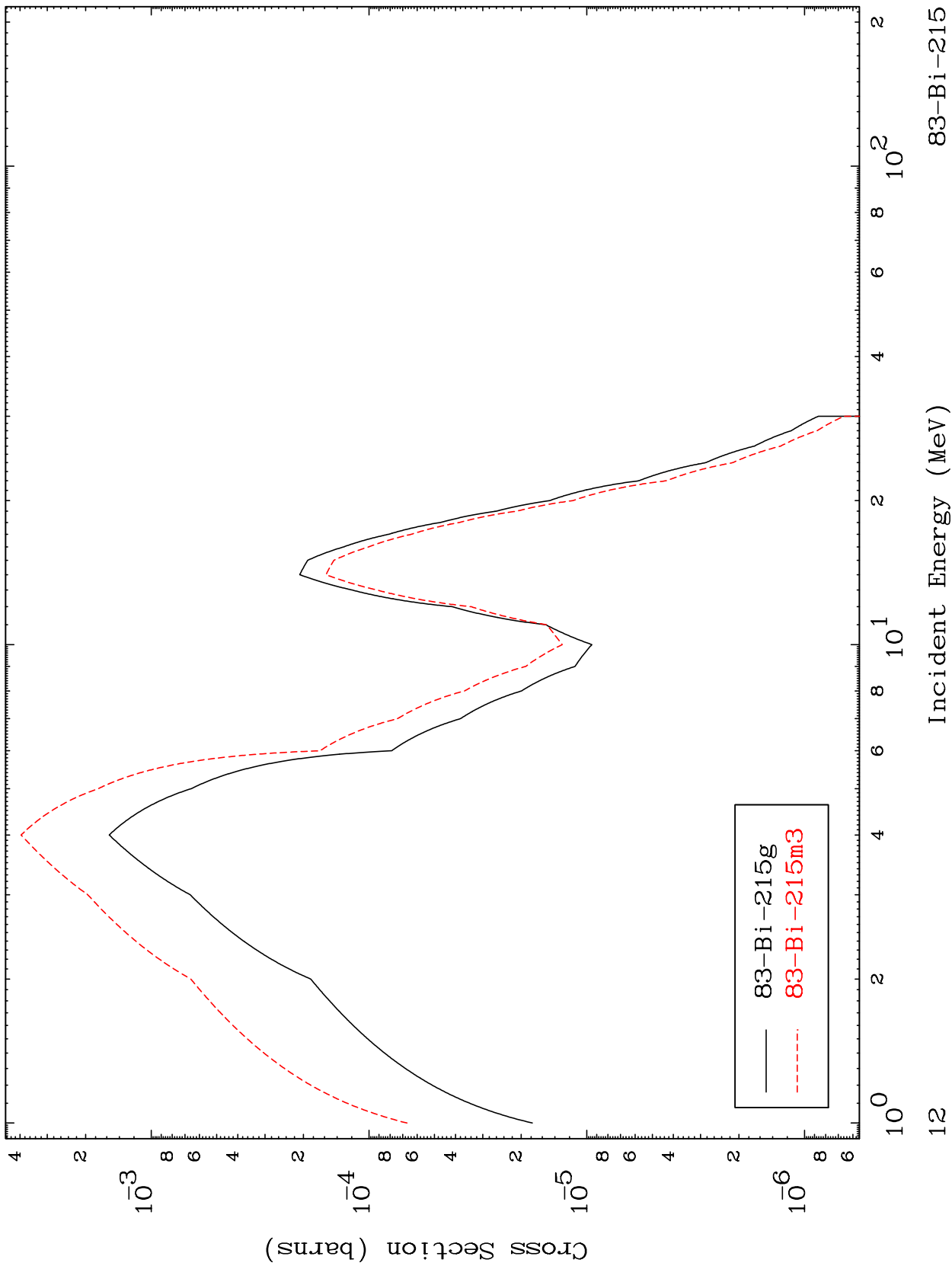
Incident Energy (MeV)

83-Bi-215

MAT 8344

83-Bi-215

(γ, γ)
Radionuclide Production Cross Section



12