

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

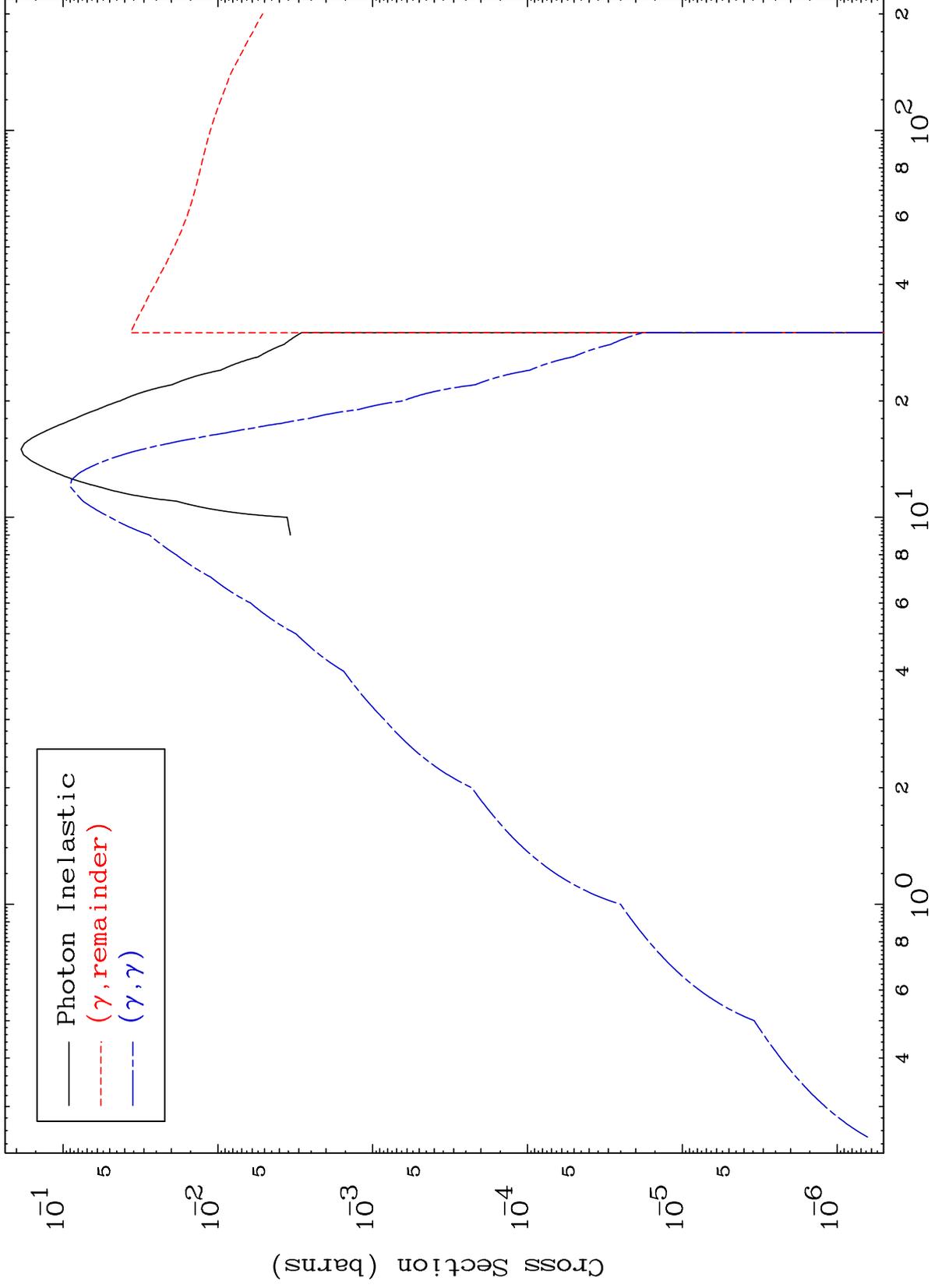
Press Mouse Button to Start

MAT 7480

Photon Major

75-Re-170

0 Kelvin Cross Sections

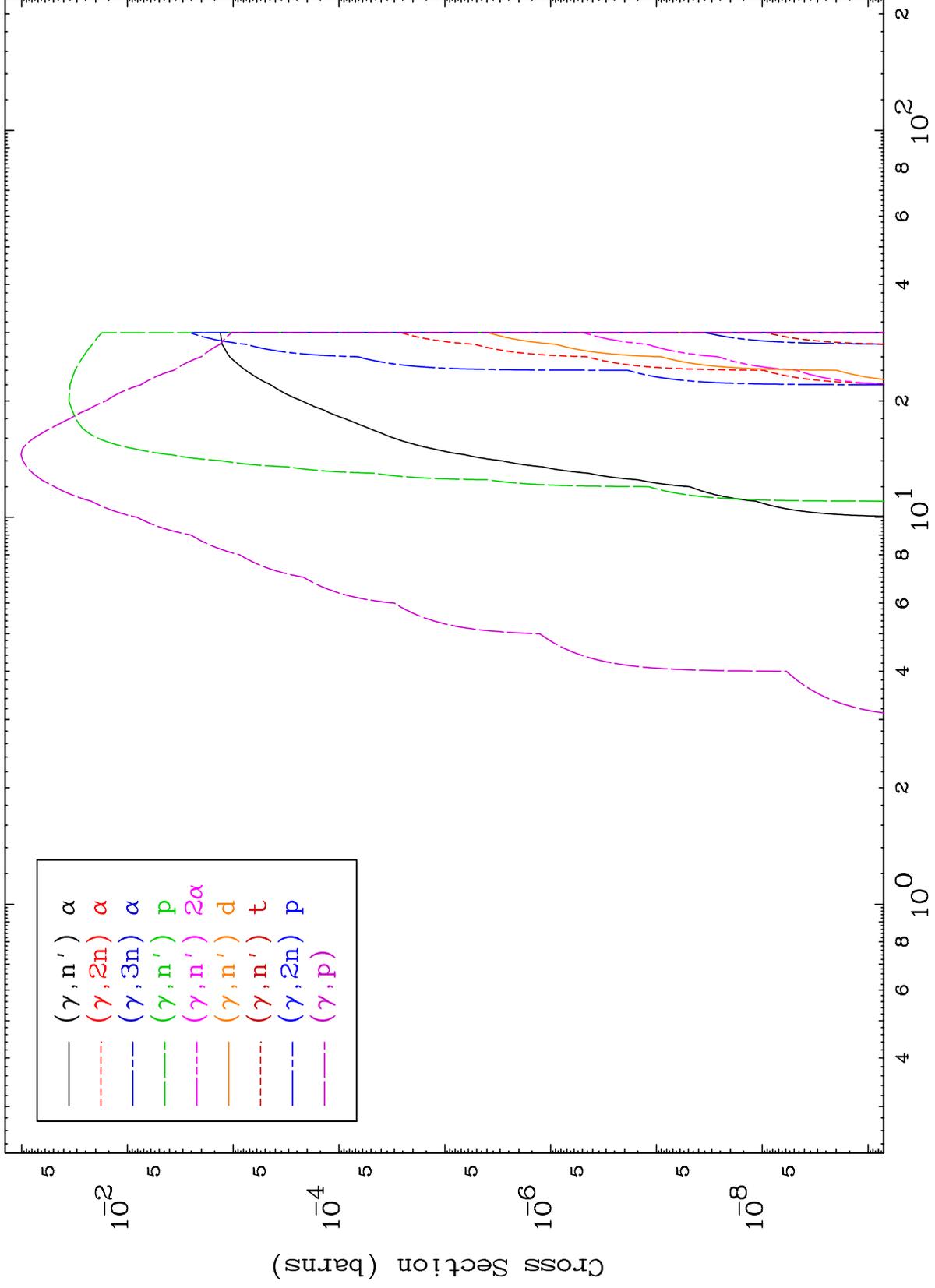


— Photon Inelastic
- - - $(\gamma, \text{remainder})$
- . - (γ, γ)

MAT 7480

Photon Charged Particle
0 Kelvin Cross Sections

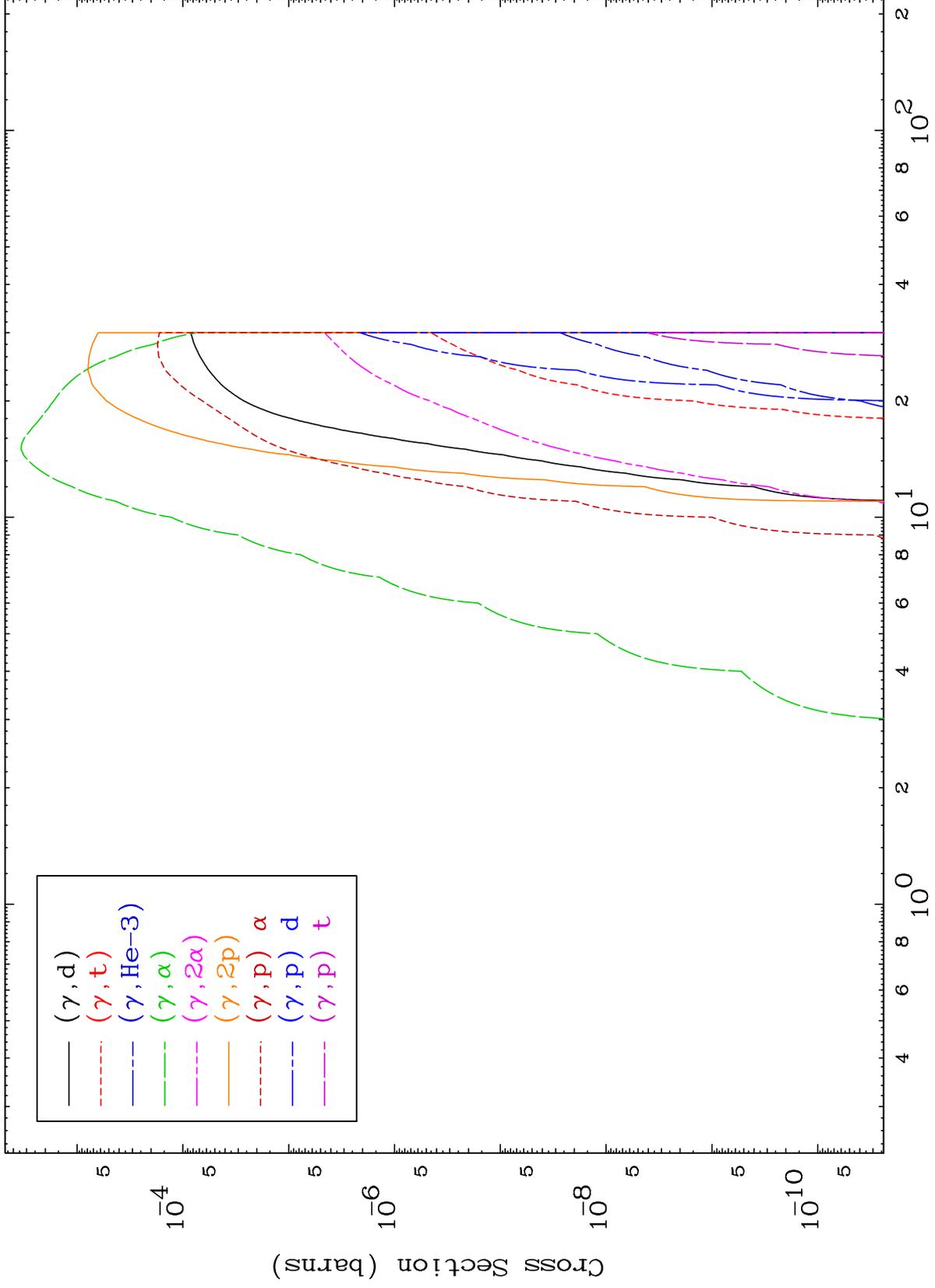
75-Re-170



MAT 7480

Photon Charged Particle
0 Kelvin Cross Sections

75-Re-170

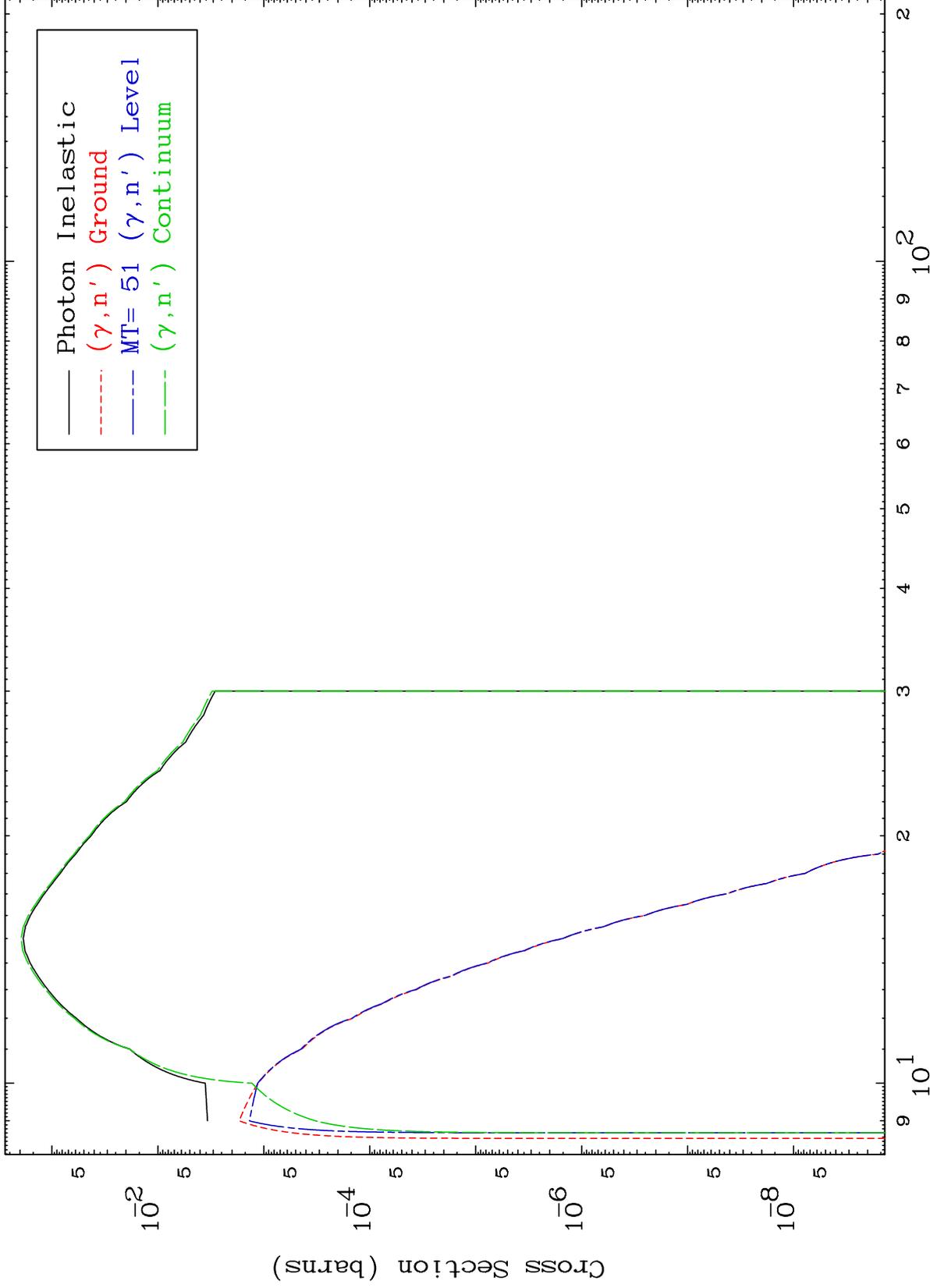


MAT 7480

(γ, n') Level

75-Re-170

0 Kelvin Cross Sections



Incident Energy (MeV)

75-Re-170

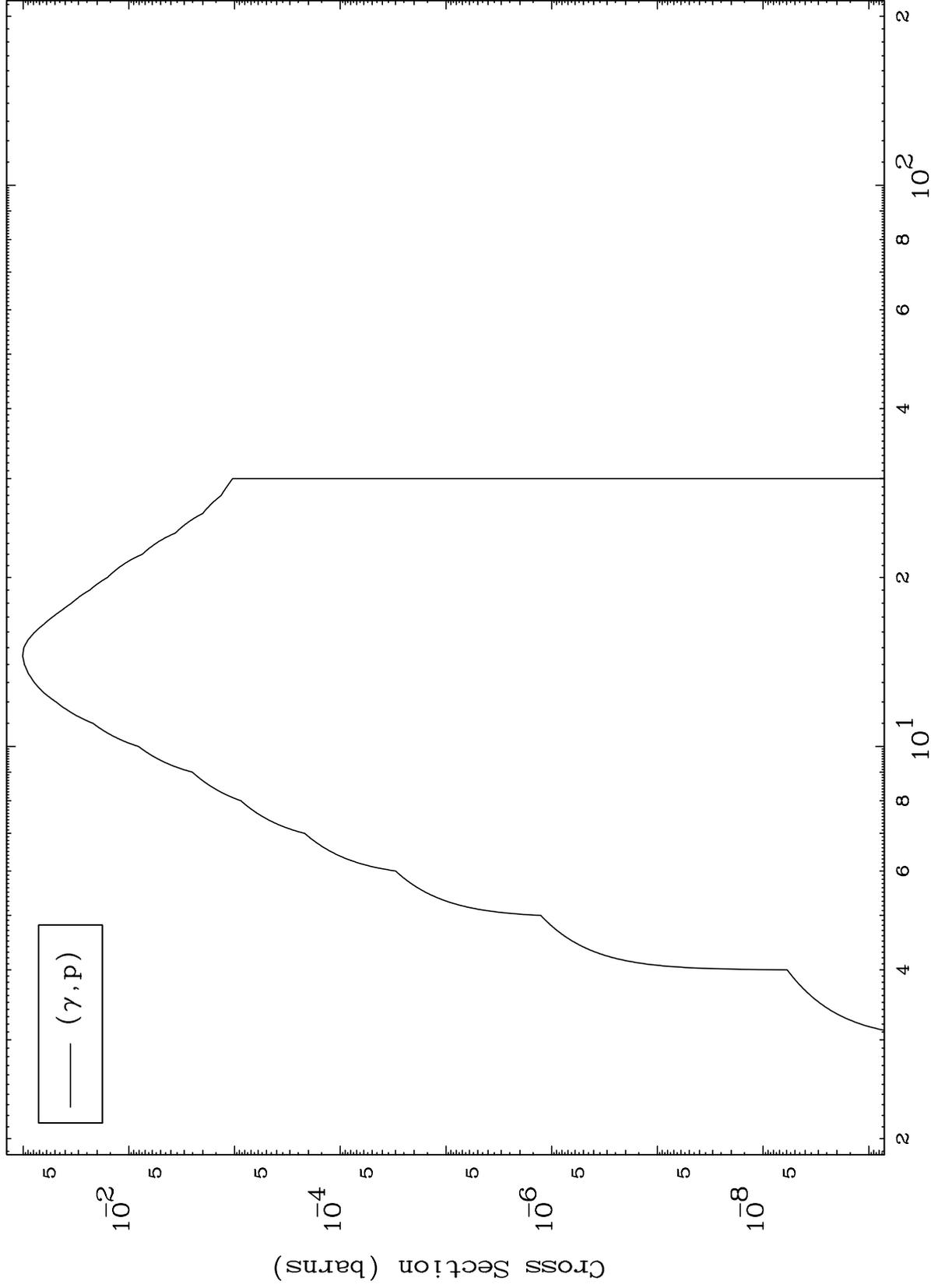
5

MAT 7480

(γ, p) Levels

75-Re-170

0 Kelvin Cross Sections



6

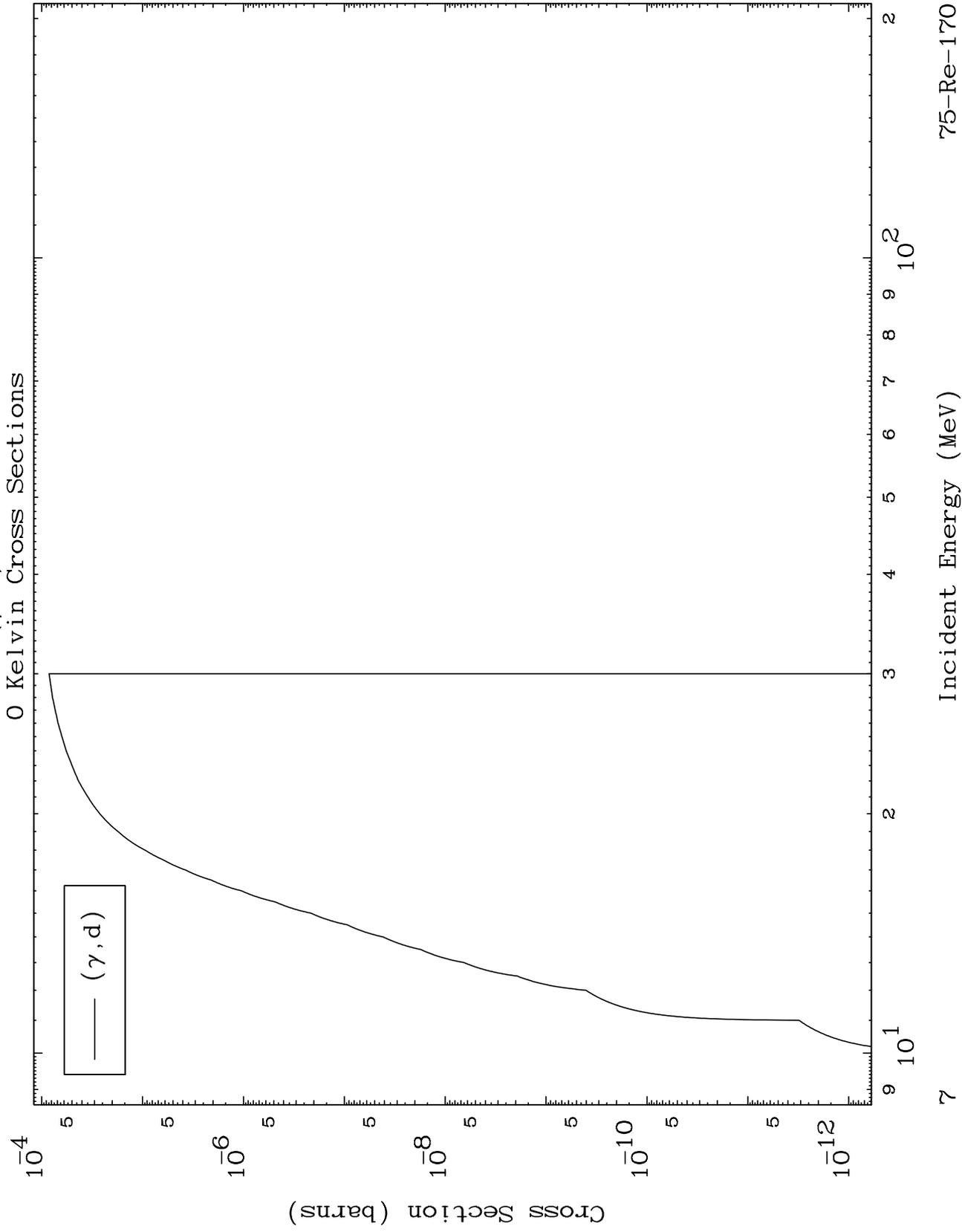
Incident Energy (MeV)

75-Re-170

MAT 7480

(γ, d) Levels

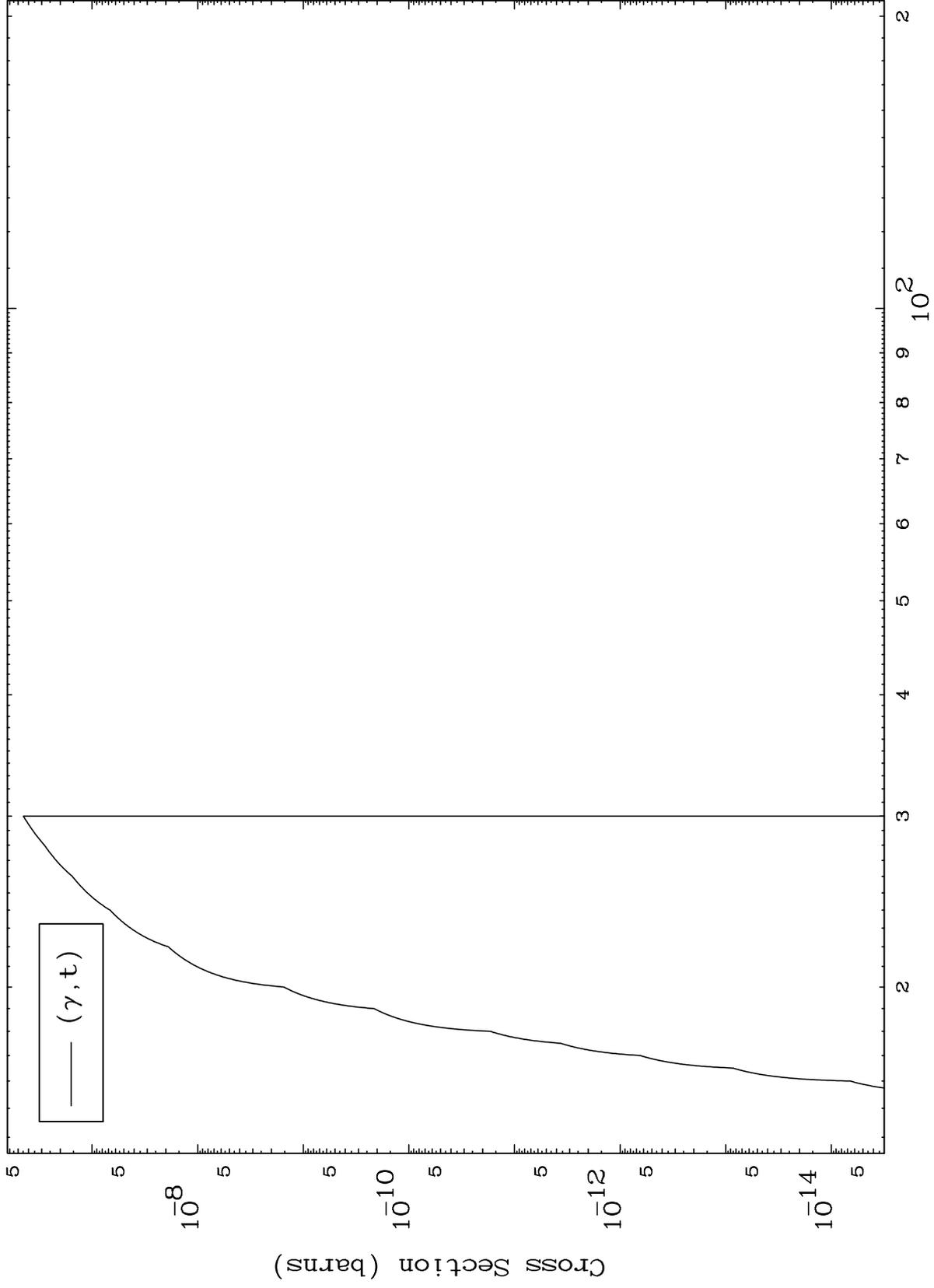
75-Re-170



MAT 7480

(γ, t) Levels
0 Kelvin Cross Sections

75-Re-170



8

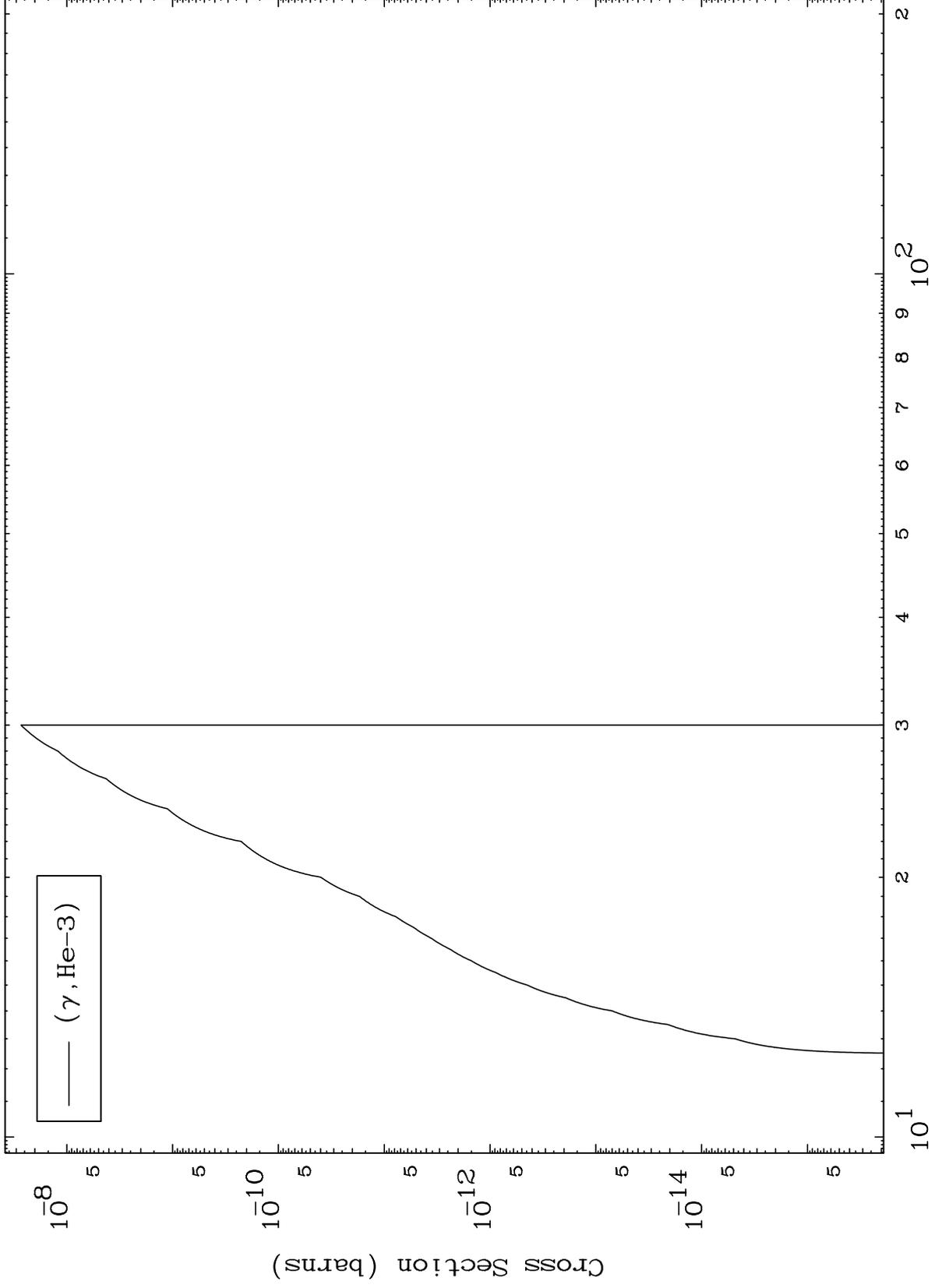
Incident Energy (MeV)

75-Re-170

MAT 7480

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

75-Re-170



Incident Energy (MeV)

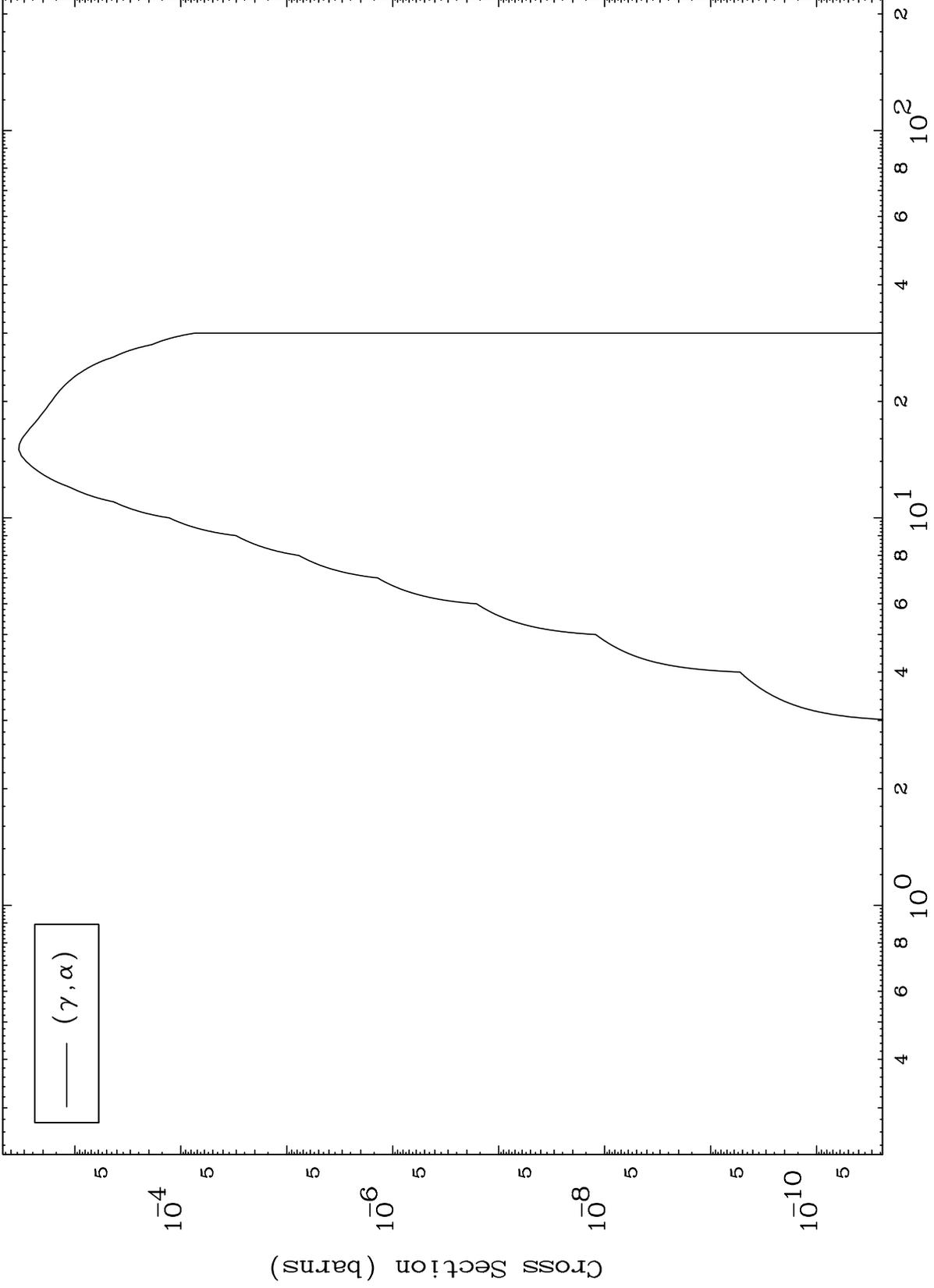
75-Re-170

MAT 7480

(γ, α) Levels

75-Re-170

0 Kelvin Cross Sections



10

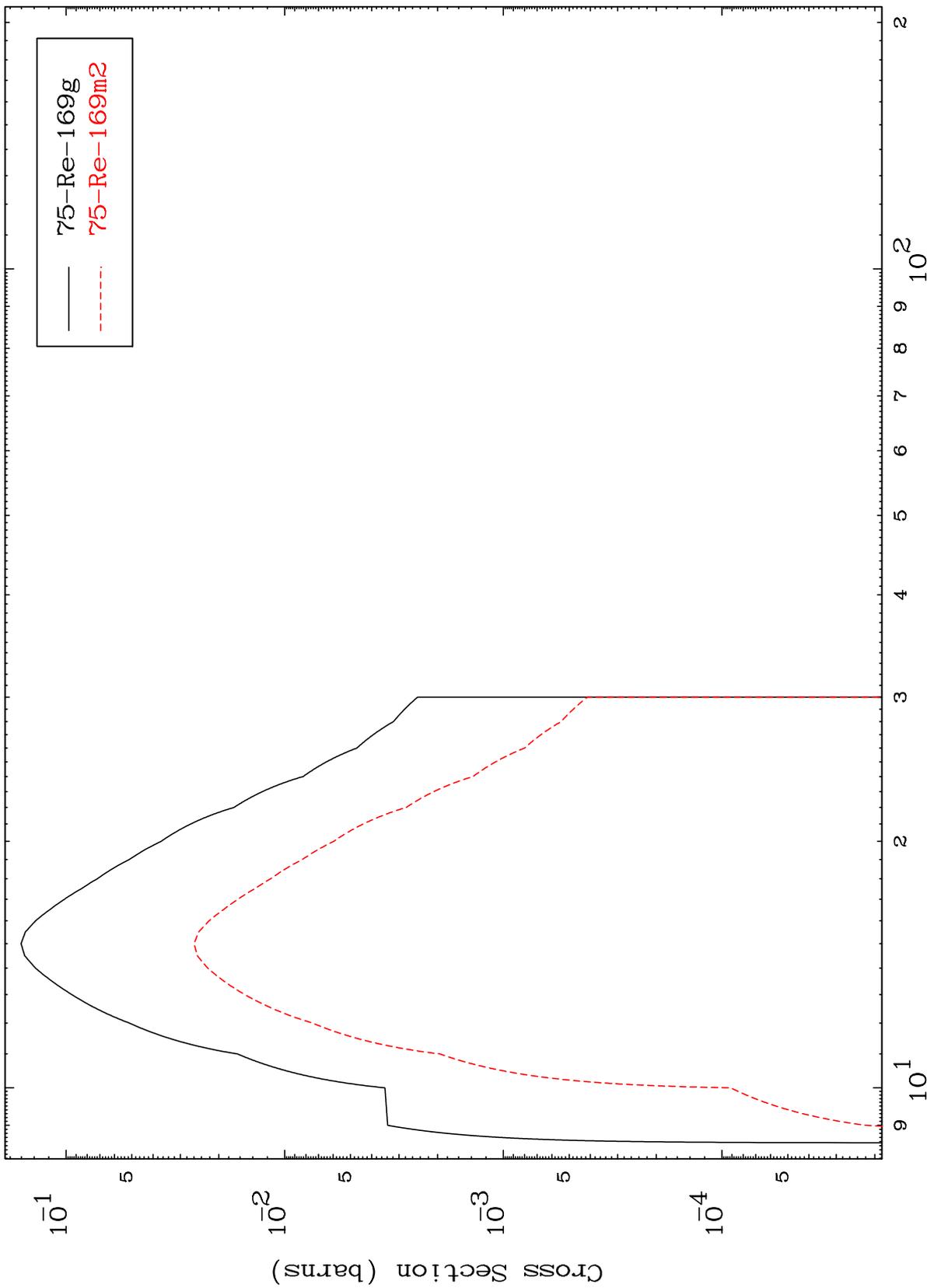
Incident Energy (MeV)

75-Re-170

MAT 7480

75-Re-170

Photon Inelastic
Radionuclide Production Cross Section



75-Re-169g
75-Re-169m2

75-Re-170

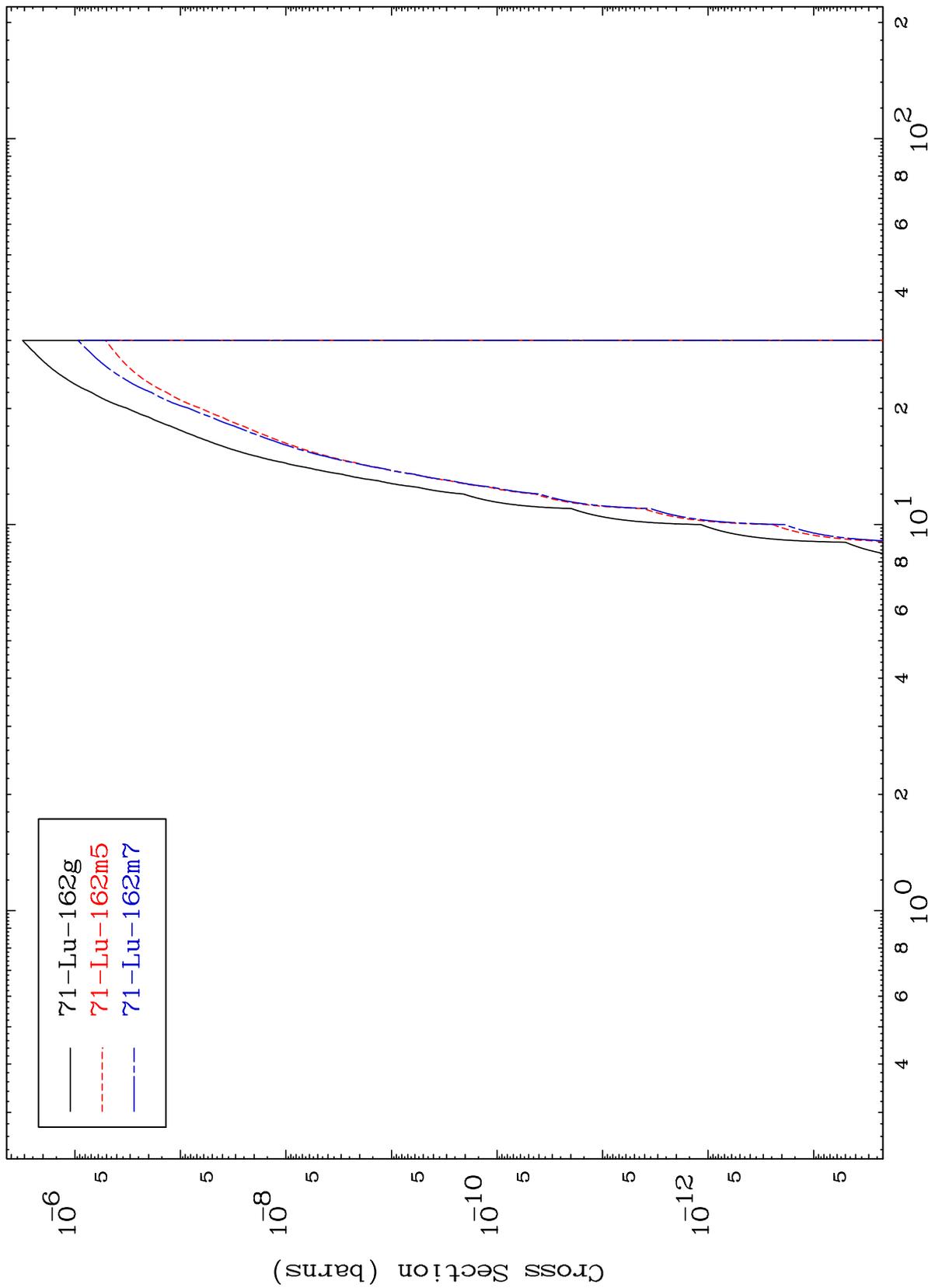
Incident Energy (MeV)

11

MAT 7480

75-Re-170

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



75-Re-170

Incident Energy (MeV)

12