

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

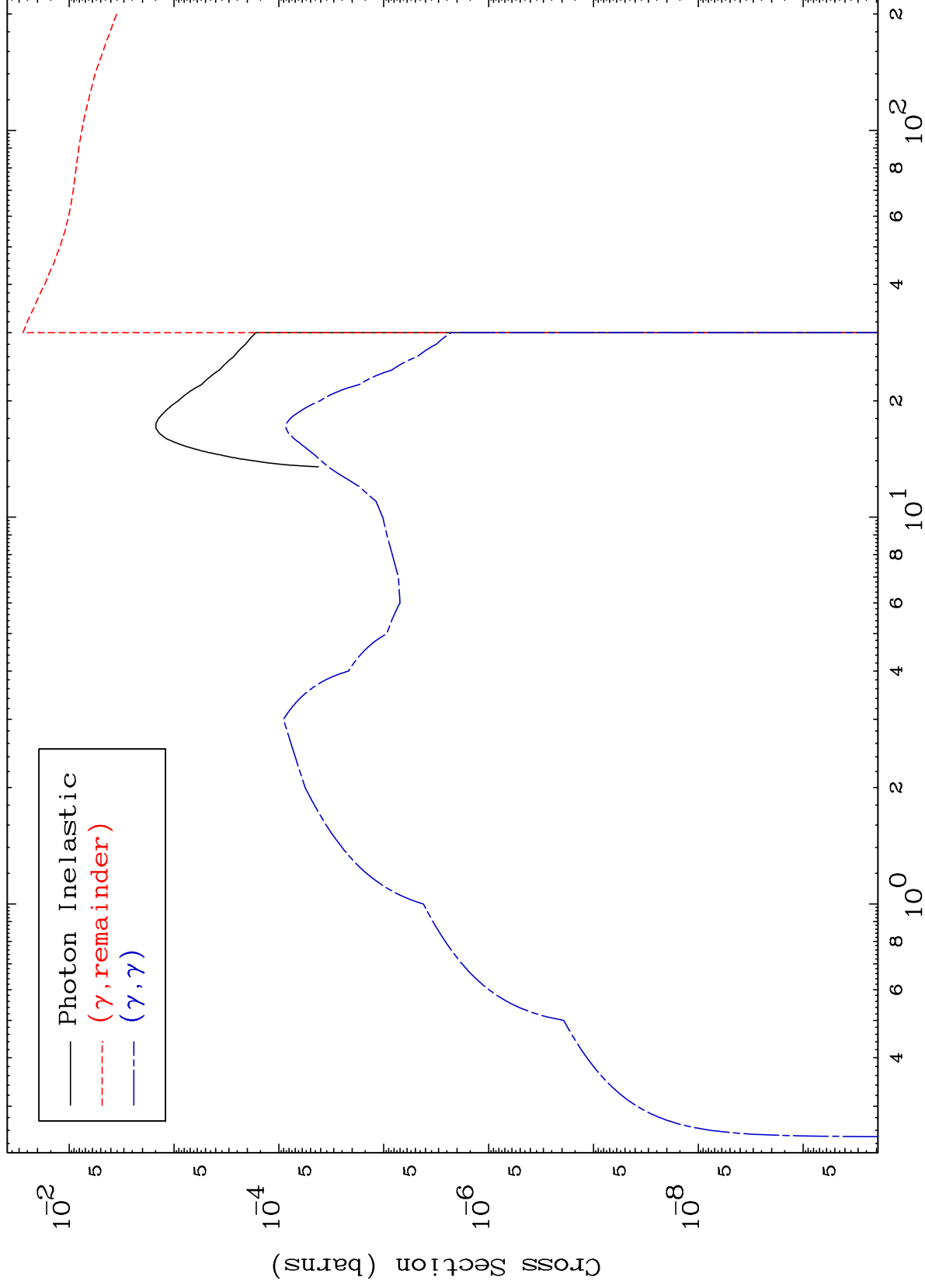
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5471

Photon Major
0 Kelvin Cross Sections

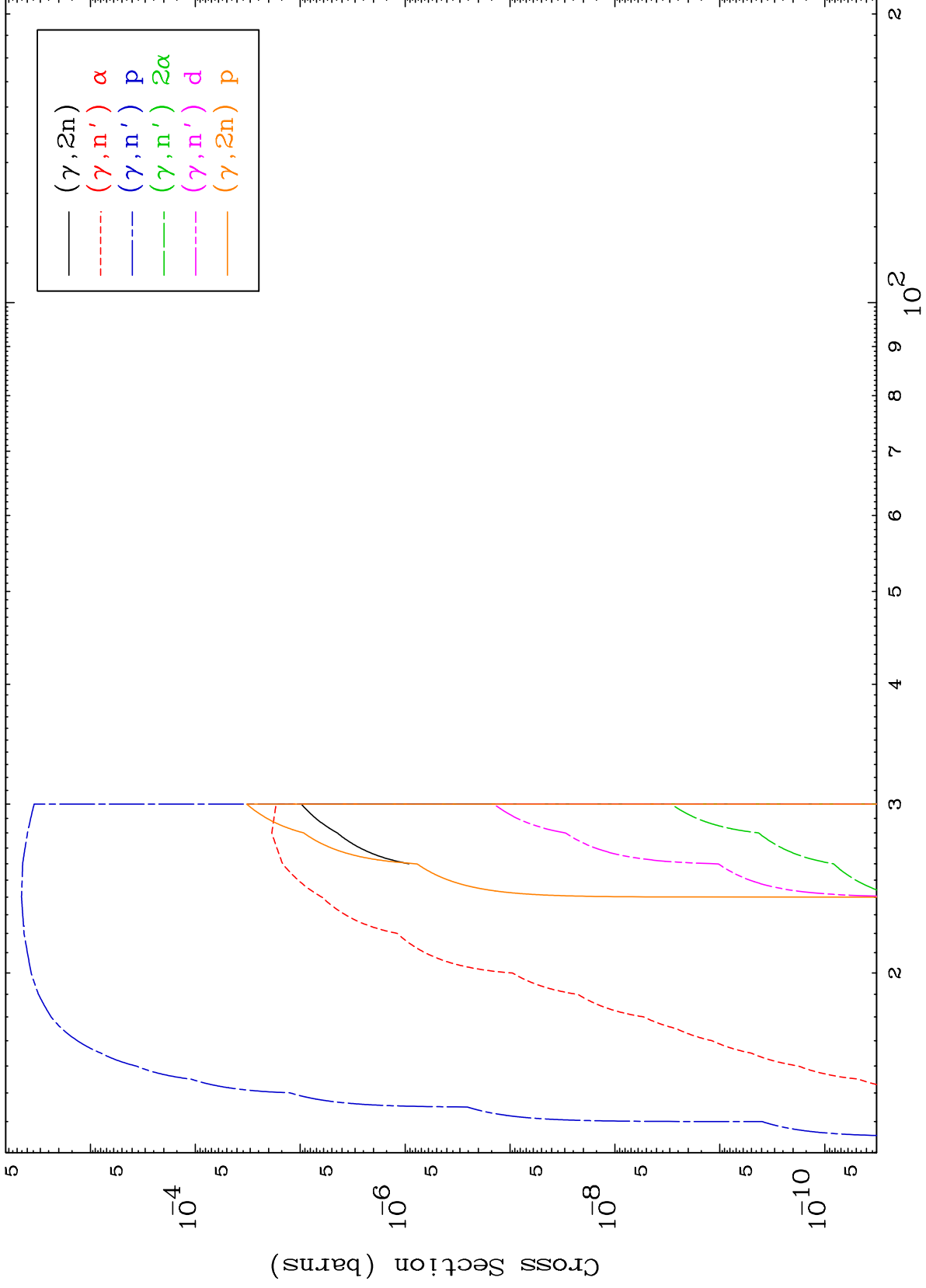
55-Cs-115



1

Incident Energy (MeV)

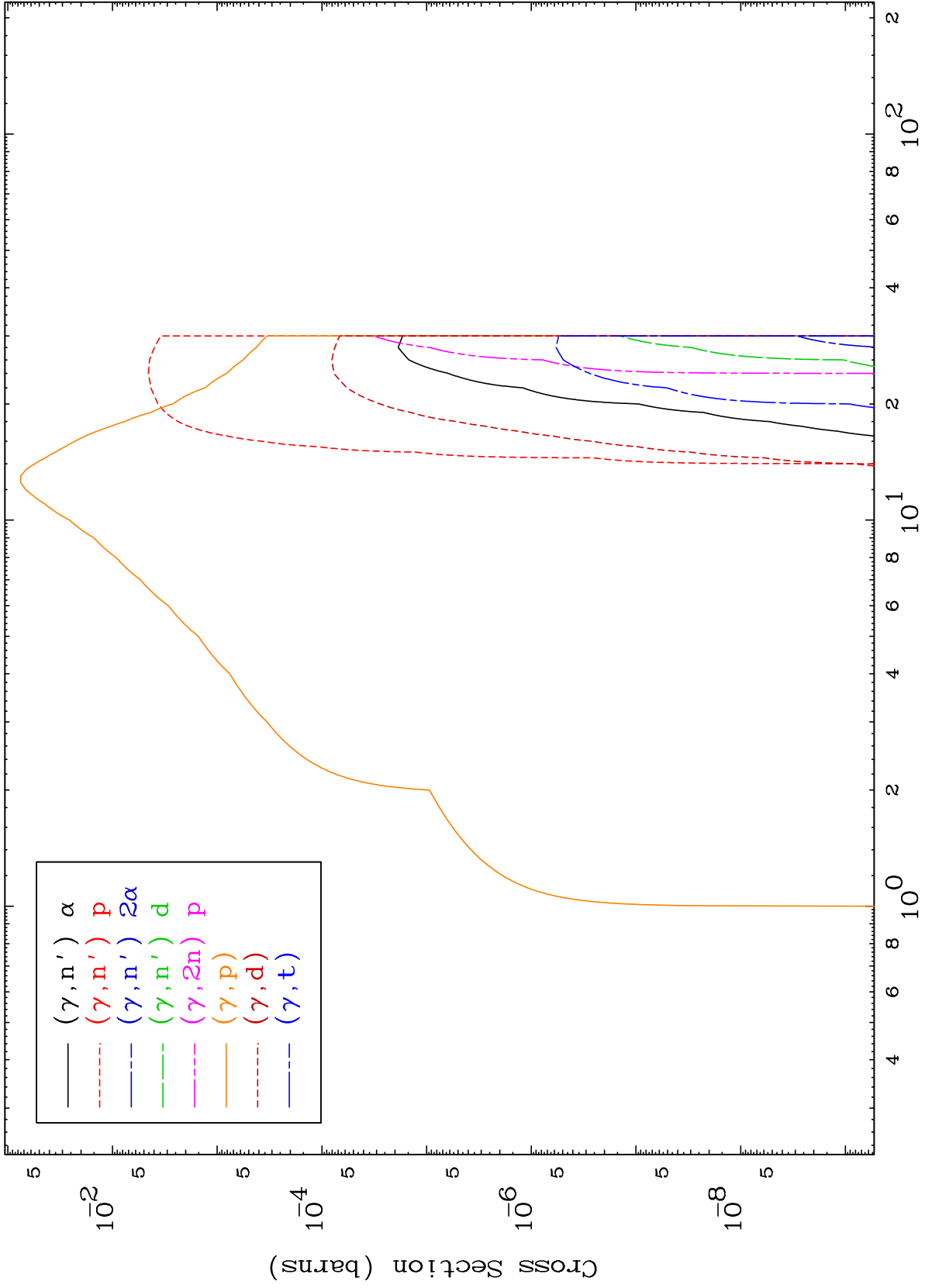
55-Cs-115

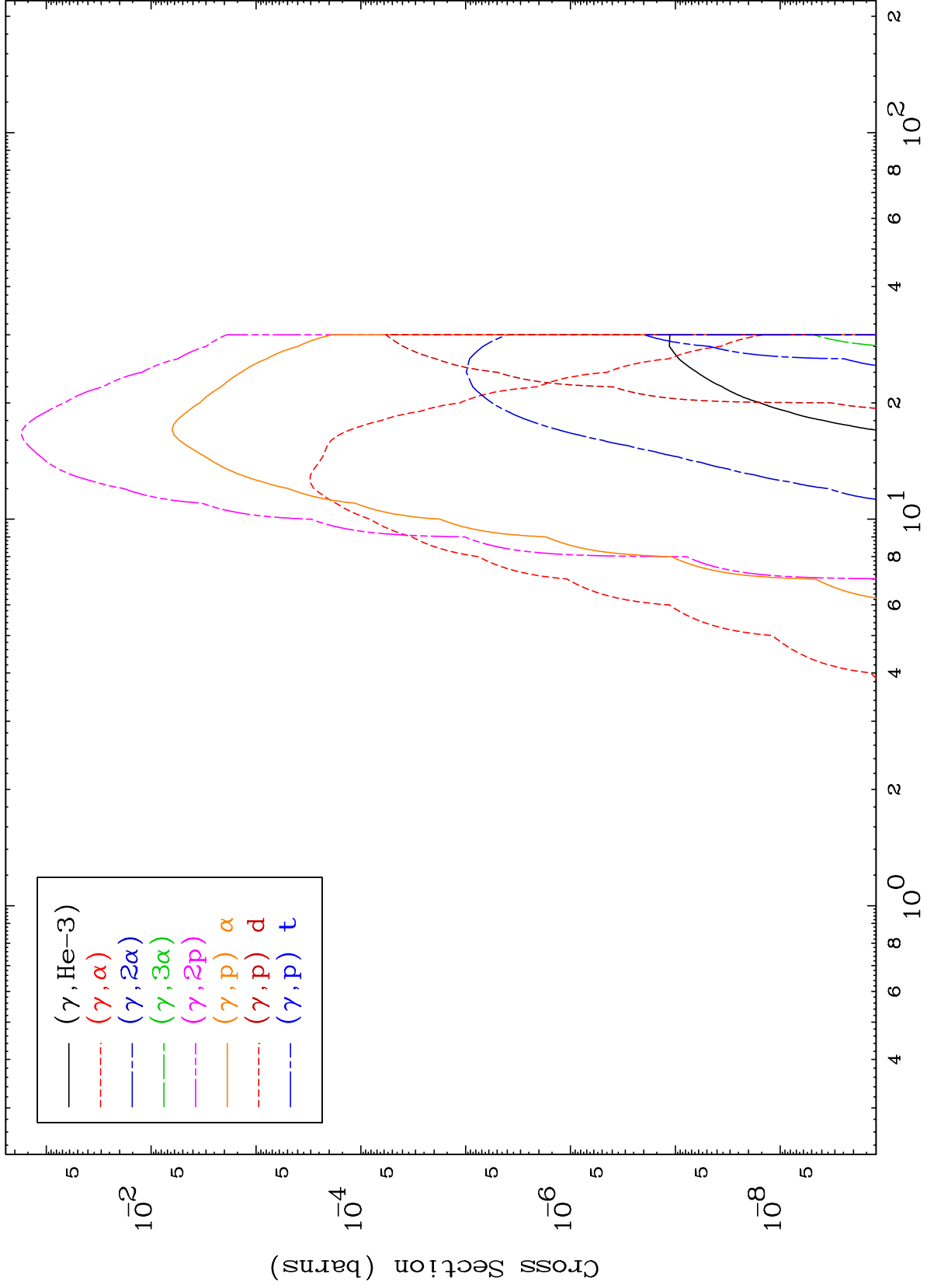


MAT 5471

Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-115



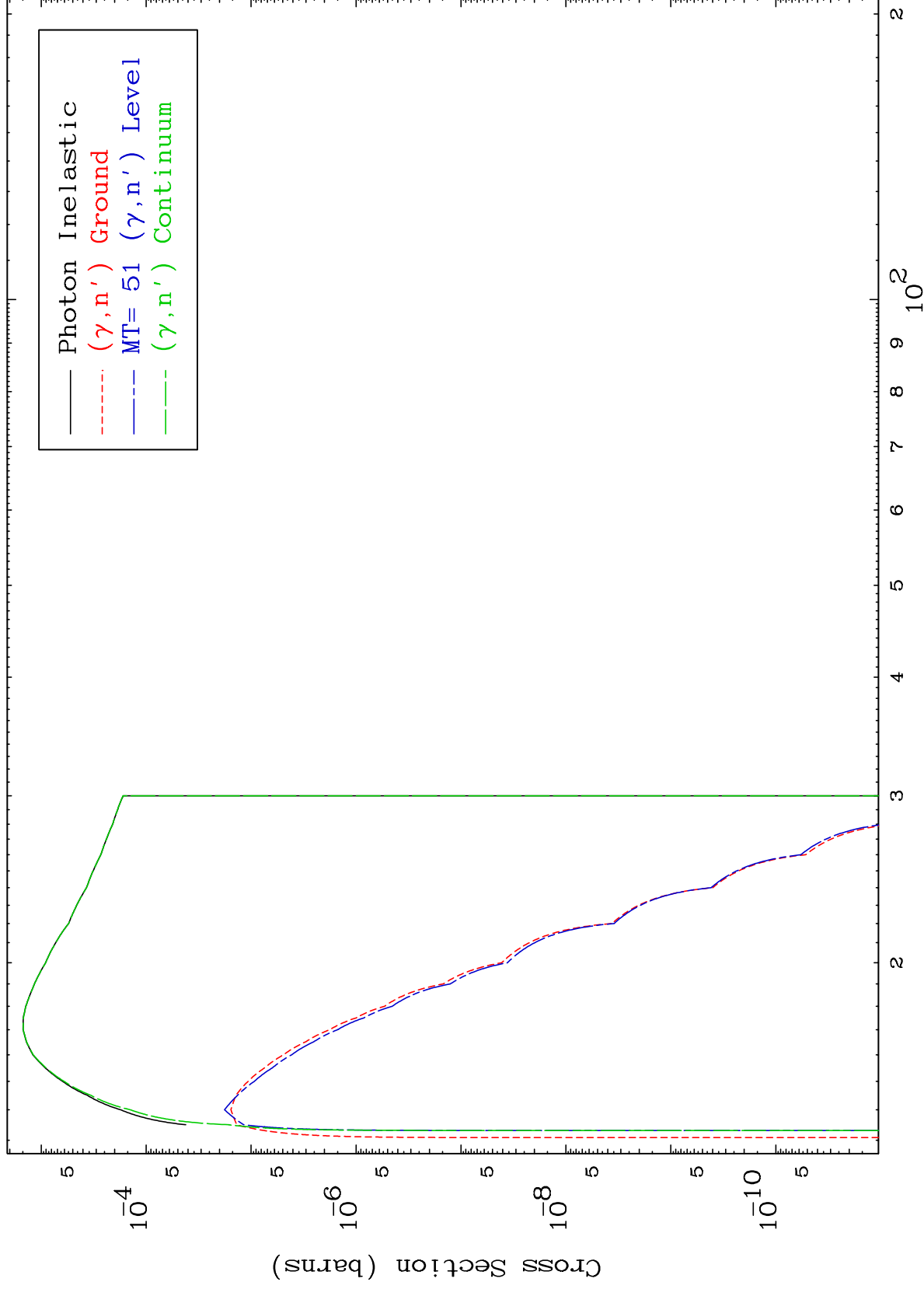


MAT 5471

(γ, n') Level

55-Cs-115

0 Kelvin Cross Sections



5

Incident Energy (MeV)

55-Cs-115

10^2

2

5

6

10⁻¹⁰

5

6

10⁻⁸

5

6

10⁻⁶

5

6

10⁻⁴

5

6

10⁻²

5

6

10⁰

5

6

10²

5

6

10⁴

5

6

10⁶

5

6

10⁸

5

6

10¹⁰

5

6

10¹²

5

6

10¹⁴

5

6

10¹⁶

5

6

10¹⁸

5

6

10²⁰

5

6

10²²

5

6

10²⁴

5

6

10²⁶

5

6

10²⁸

5

6

10³⁰

5

6

10³²

5

6

10³⁴

5

6

10³⁶

5

6

10³⁸

5

6

10⁴⁰

5

6

10⁴²

5

6

10⁴⁴

5

6

10⁴⁶

5

6

10⁴⁸

5

6

10⁵⁰

5

6

10⁵²

5

6

10⁵⁴

5

6

10⁵⁶

5

6

10⁵⁸

5

6

10⁶⁰

5

6

10⁶²

5

6

10⁶⁴

5

6

10⁶⁶

5

6

10⁶⁸

5

6

10⁷⁰

5

6

10⁷²

5

6

10⁷⁴

5

6

10⁷⁶

5

6

10⁷⁸

5

6

10⁸⁰

5

6

10⁸²

5

6

10⁸⁴

5

6

10⁸⁶

5

6

10⁸⁸

5

6

10⁹⁰

5

6

10⁹²

5

6

10⁹⁴

5

6

10⁹⁶

5

6

10⁹⁸

5

6

10¹⁰⁰

5

6

10¹⁰²

5

6

10¹⁰⁴

5

6

10¹⁰⁶

5

6

10¹⁰⁸

5

6

10¹¹⁰

5

6

10¹¹²

5

6

10¹¹⁴

5

6

10¹¹⁶

5

6

10¹¹⁸

5

6

10¹²⁰

5

6

10¹²²

5

6

10¹²⁴

5

6

10¹²⁶

5

6

10¹²⁸

5

6

10¹³⁰

5

6

10¹³²

5

6

10¹³⁴

5

6

10¹³⁶

5

6

10¹³⁸

5

6

10¹⁴⁰

5

6

10¹⁴²

5

6

10¹⁴⁴

5

6

10¹⁴⁶

5

6

10¹⁴⁸

5

6

10¹⁵⁰

5

6

10¹⁵²

5

6

10¹⁵⁴

5

6

10¹⁵⁶

5

6

10¹⁵⁸

5

6

10¹⁶⁰

5

6

10¹⁶²

5

6

10¹⁶⁴

5

6

10¹⁶⁶

5

6

10¹⁶⁸

5

6

10¹⁷⁰

5

6

10¹⁷²

5

6

10¹⁷⁴

5

6

10¹⁷⁶

5

6

10¹⁷⁸

5

6

10¹⁸⁰

5

6

10¹⁸²

5

6

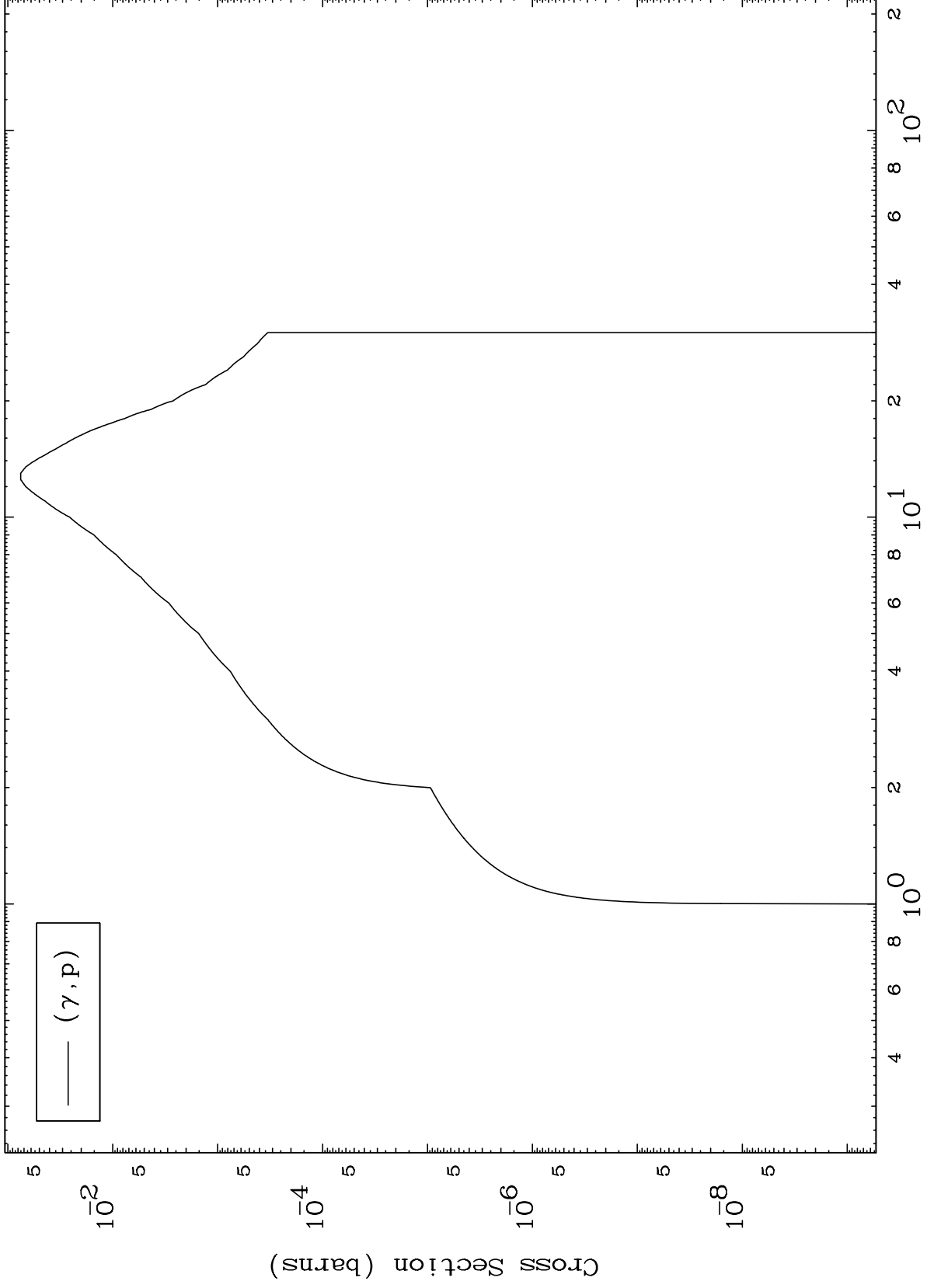
10¹⁸⁴

5

MAT 5471

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-115



(γ, p)

6

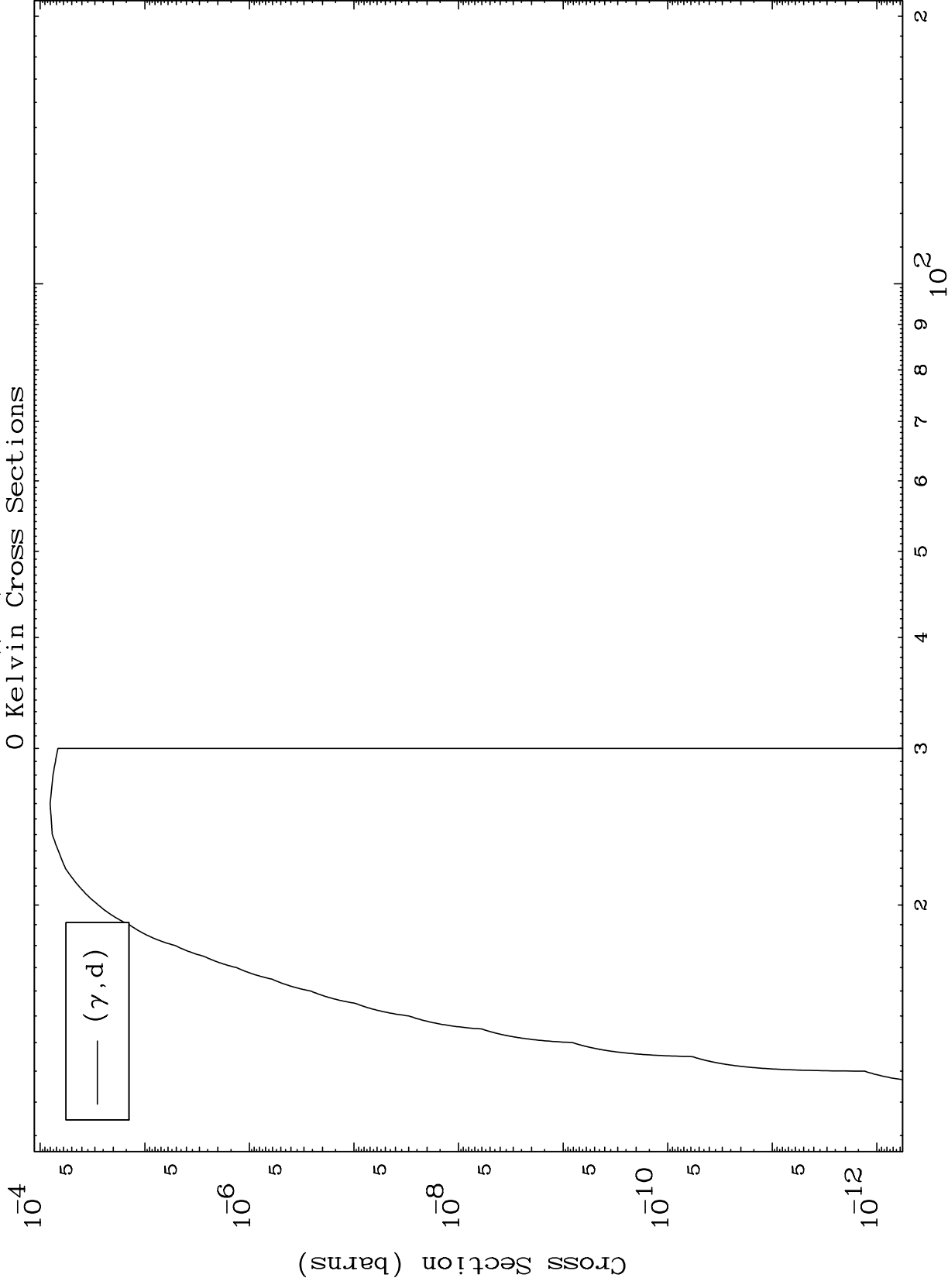
Incident Energy (MeV)

55-Cs-115

MAT 5471

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-115



7

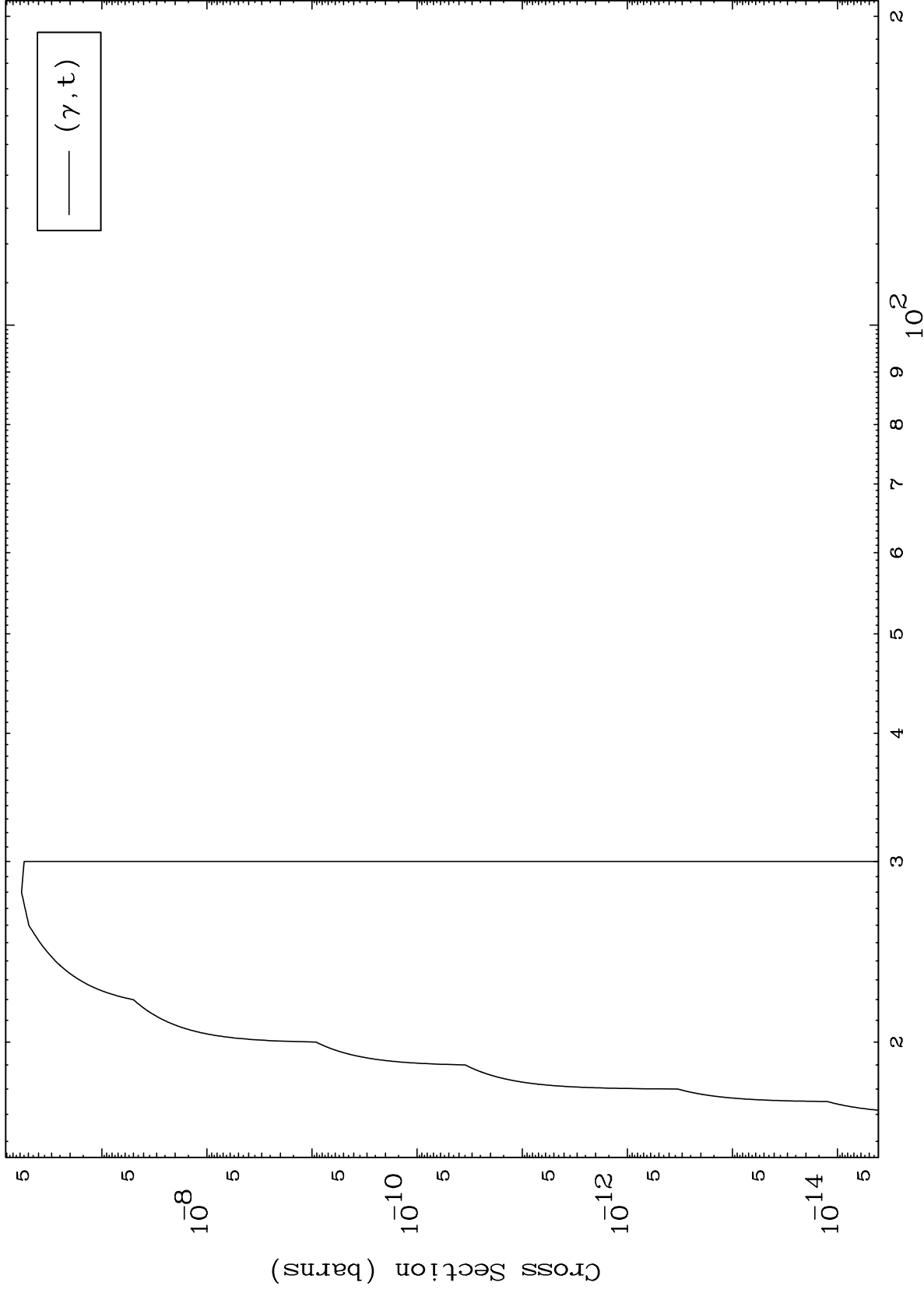
Incident Energy (MeV)

55-Cs-115

MAT 5471

(γ, t) Levels
0 Kelvin Cross Sections

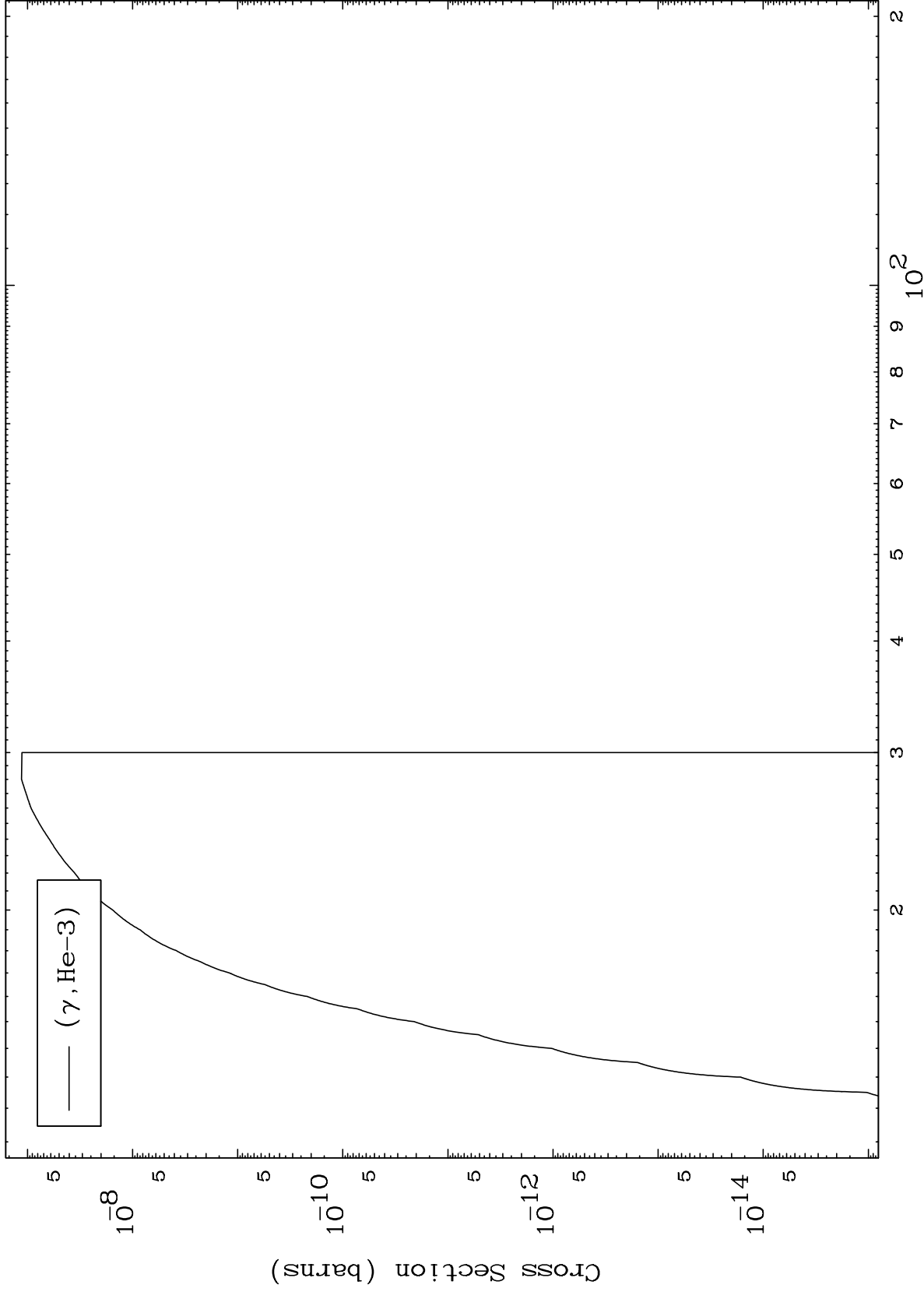
55-Cs-115



8

Incident Energy (MeV)

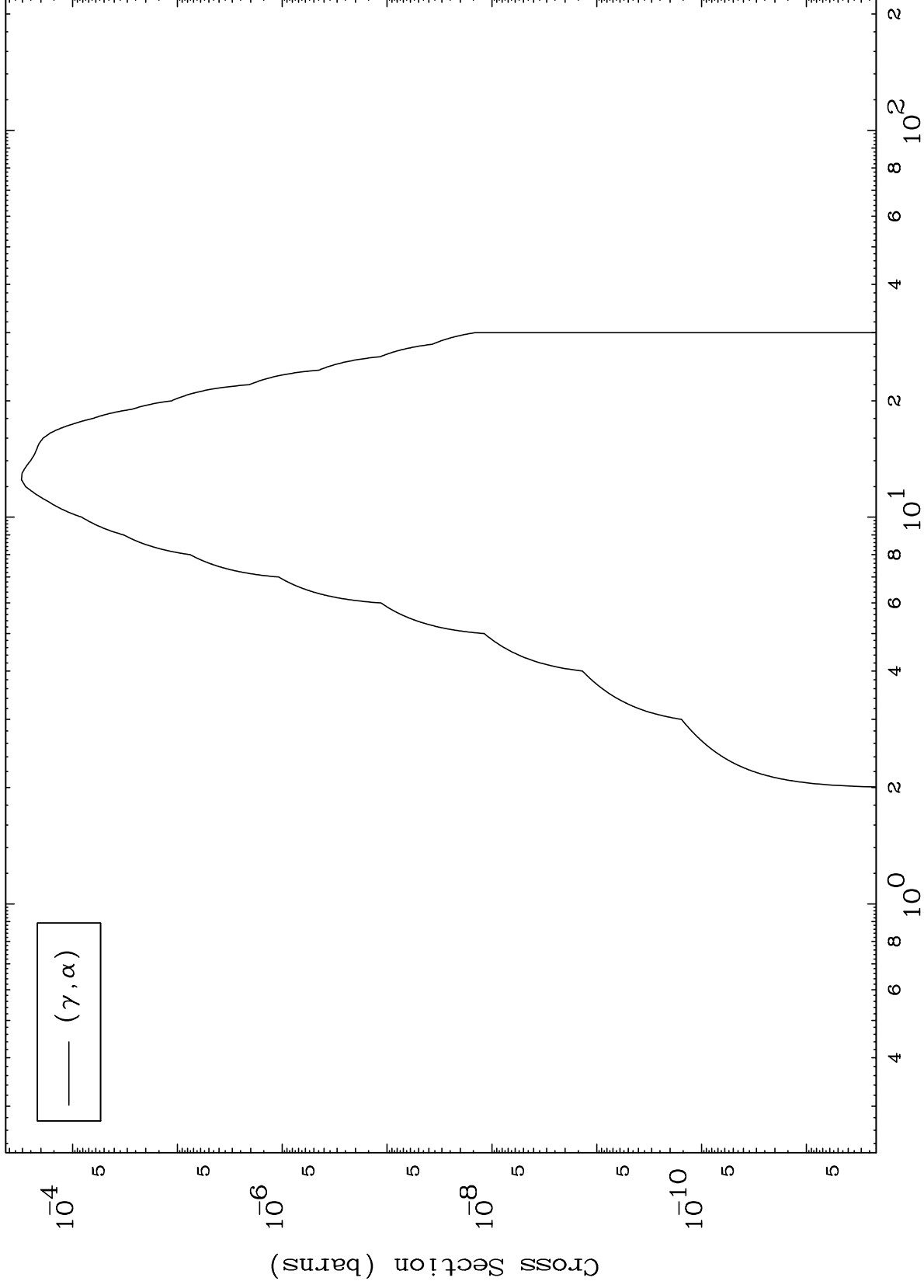
55-Cs-115



MAT 5471

(γ, α) Levels
0 Kelvin Cross Sections

55-Cs-115



10

Incident Energy (MeV)

55-Cs-115

MAT 5471

55-Cs-115

($\gamma, 3\alpha$)

Radionuclide Production Cross Section

