

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

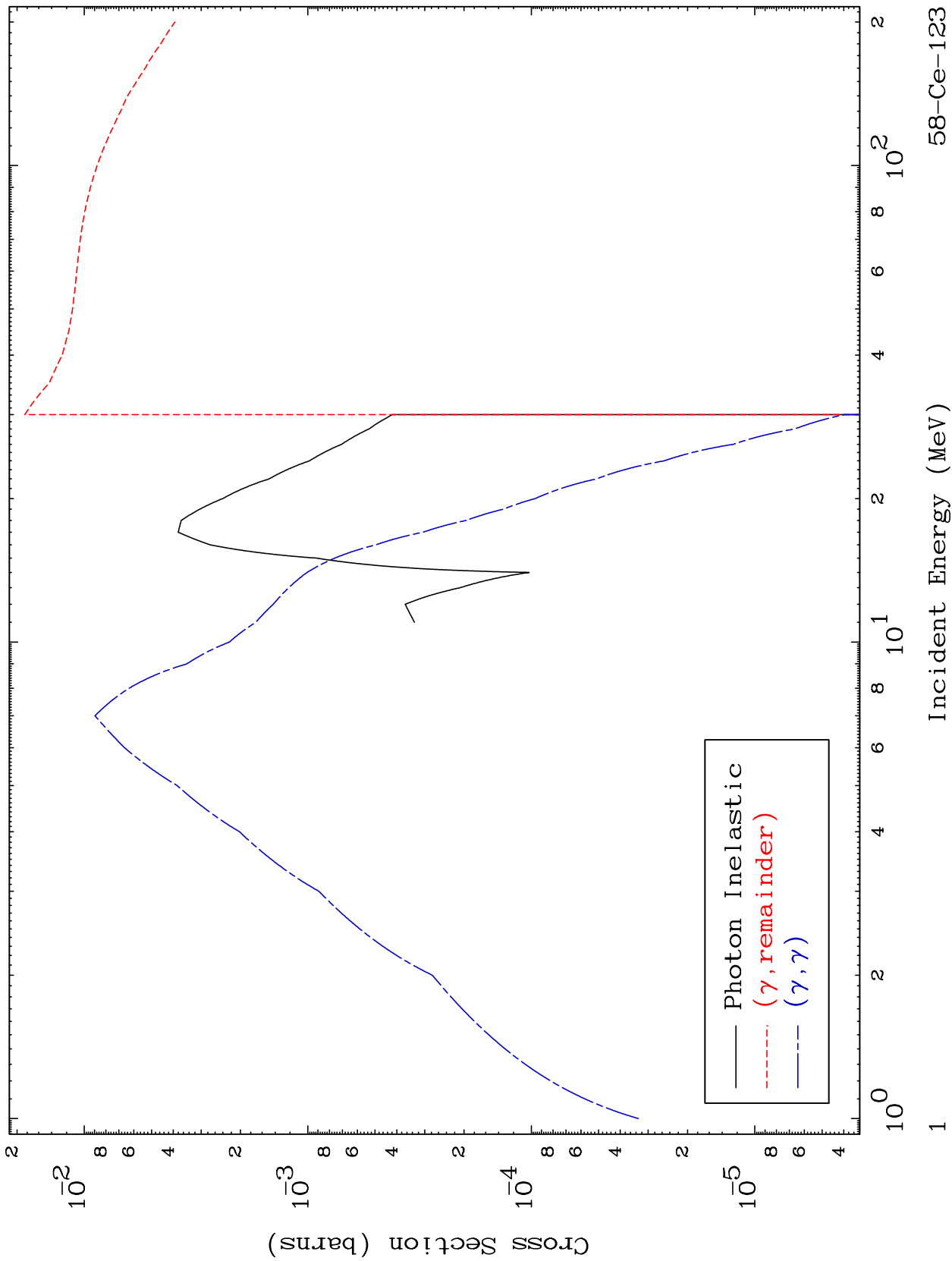
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5786

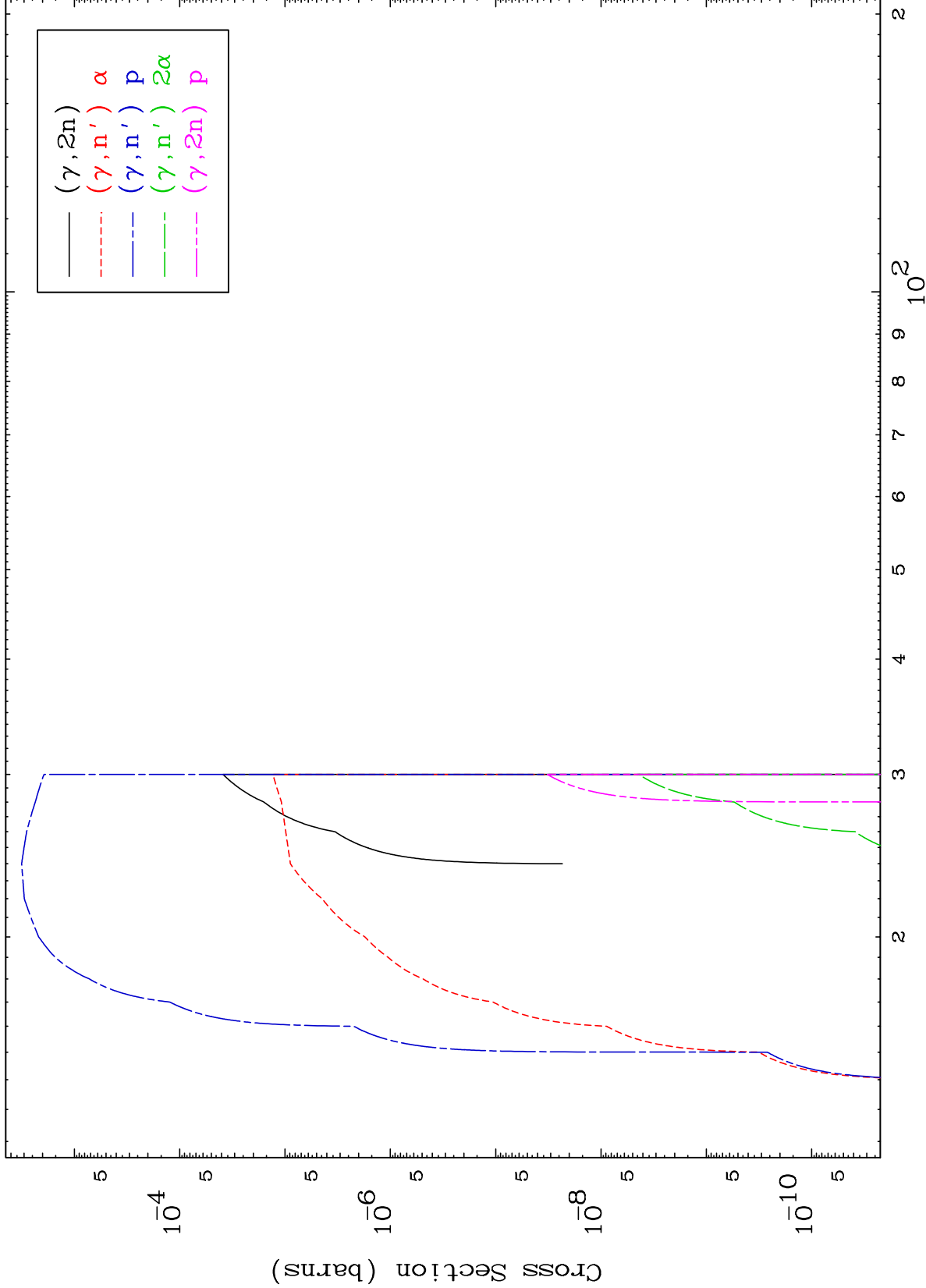
Photon Major
0 Kelvin Cross Sections

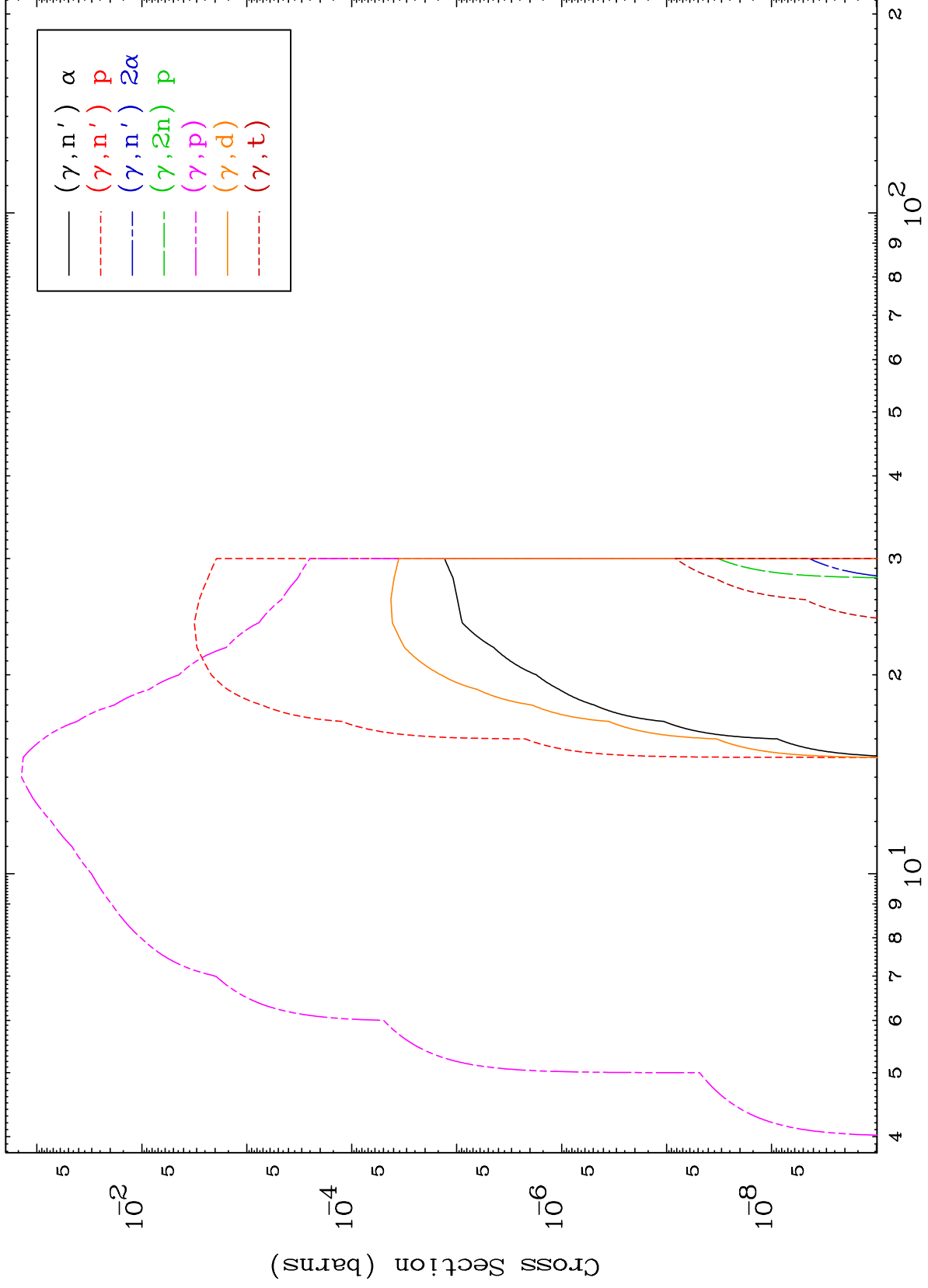
58-Ce-123



58-Ce-123

Incident Energy (MeV)

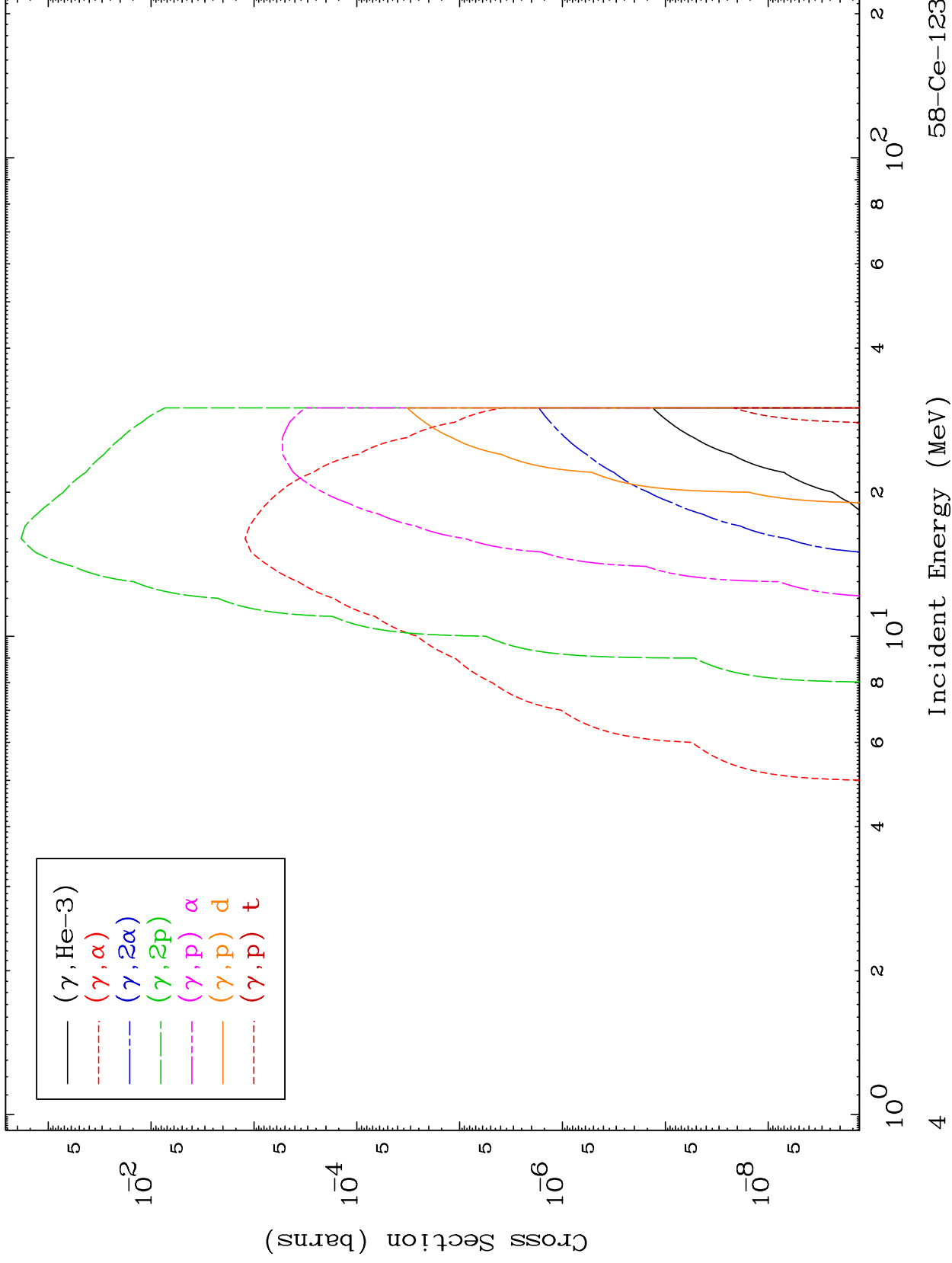




MAT 5786

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-123



58-Ce-123

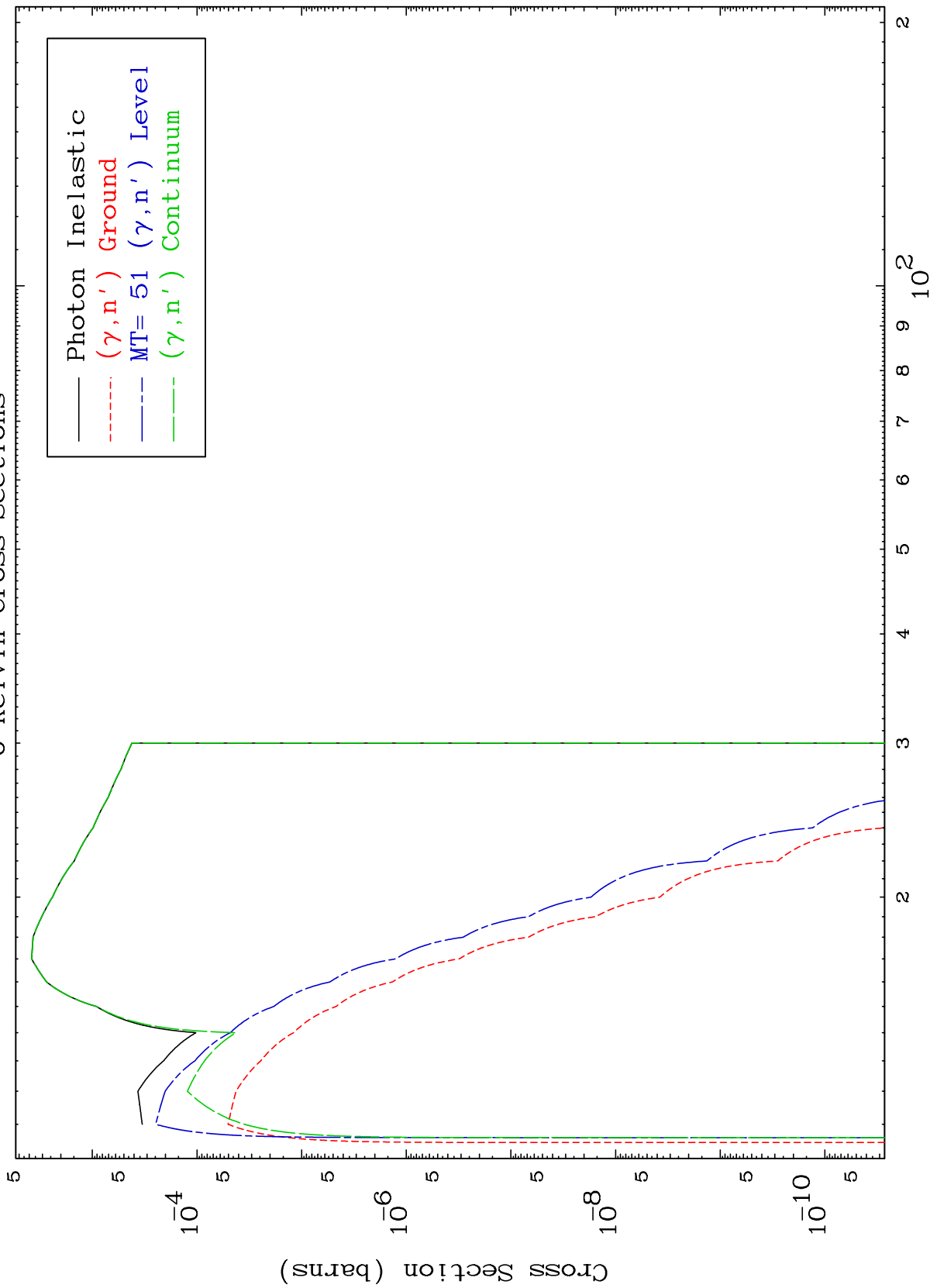
Incident Energy (MeV)

MAT 5786

(γ, n') Level

58-Ce-123

0 Kelvin Cross Sections



Incident Energy (MeV)

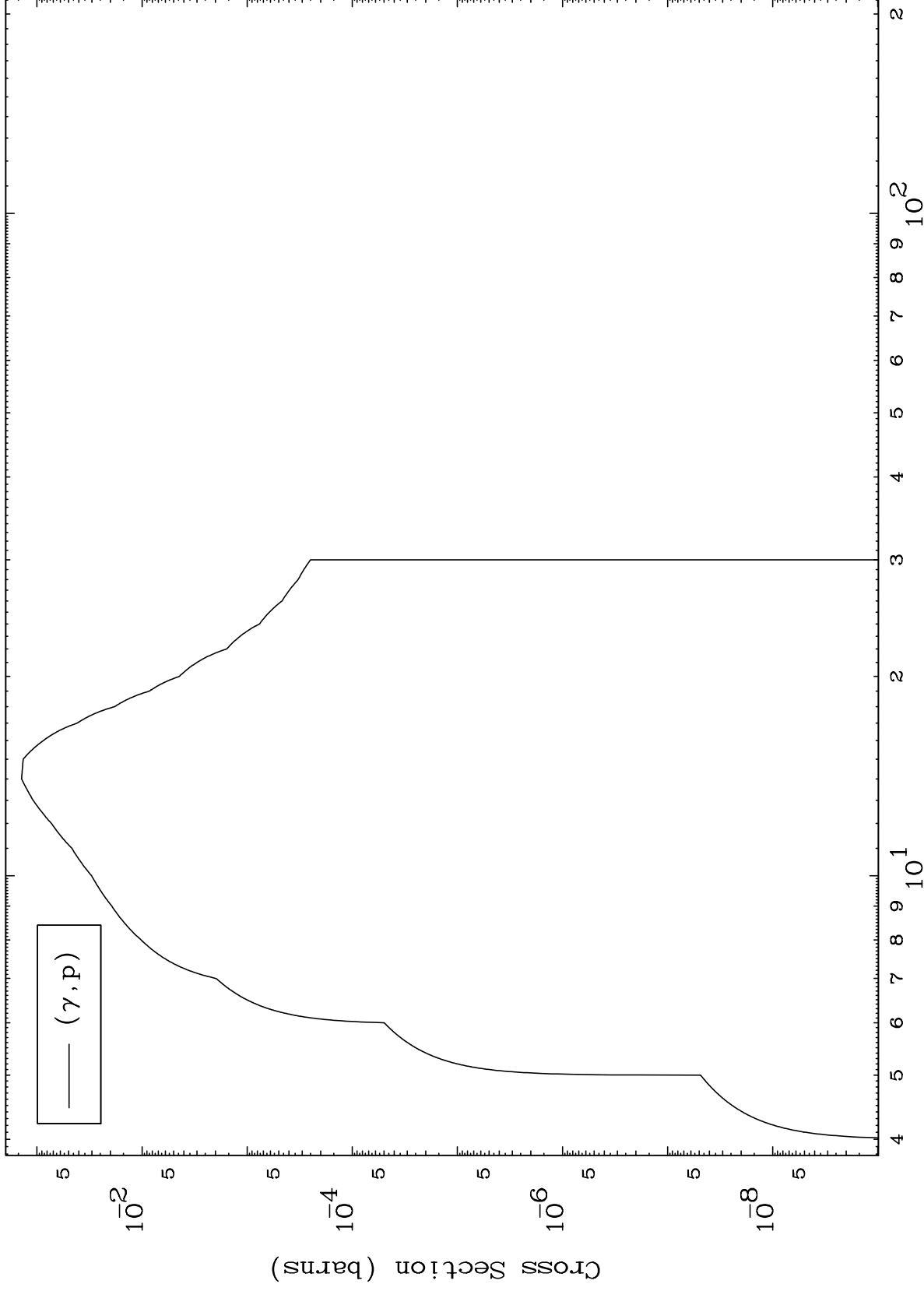
58-Ce-123

5

MAT 5786

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-123



Incident Energy (MeV)

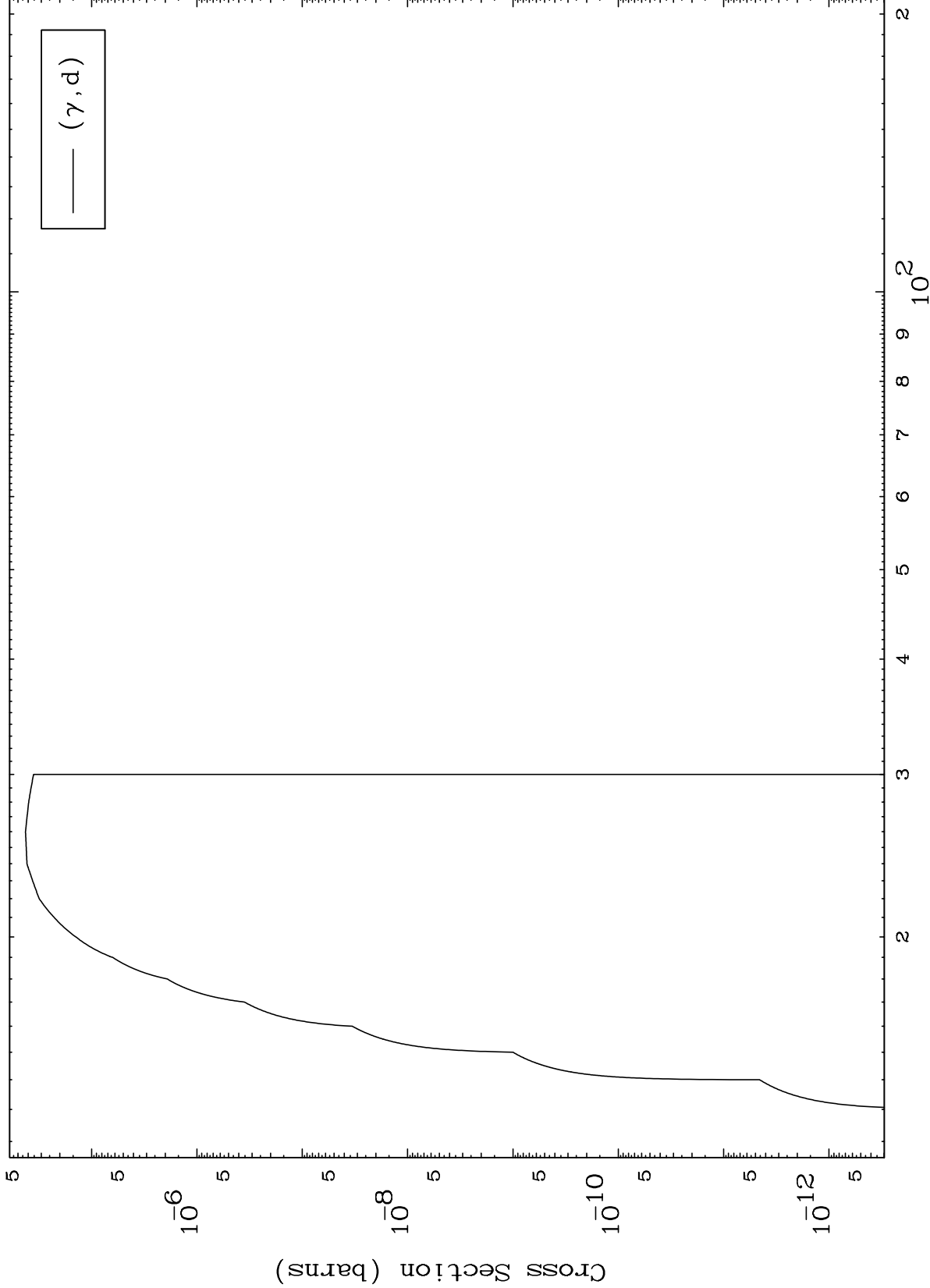
58-Ce-123

6

MAT 5786

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-123



7

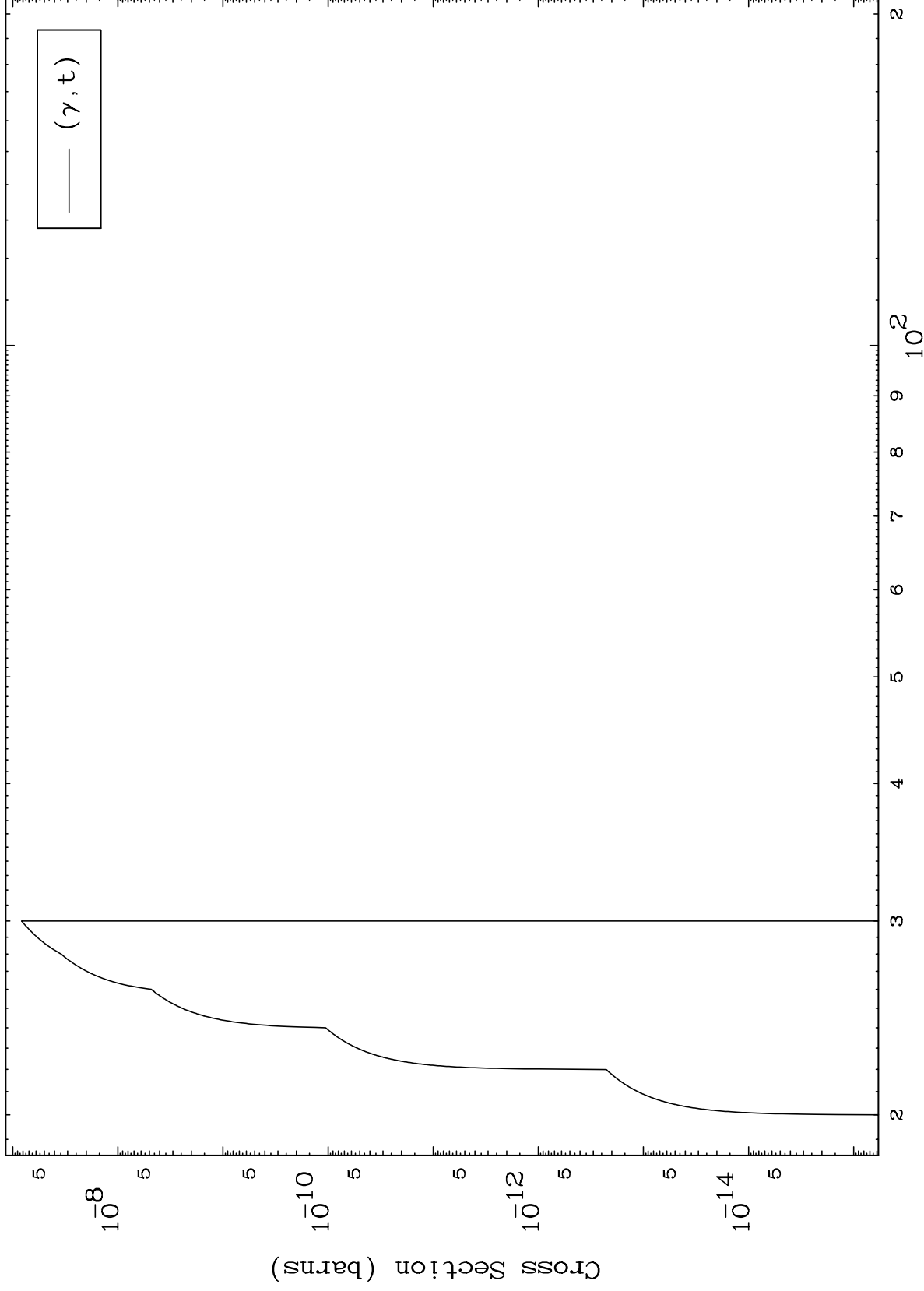
Incident Energy (MeV)

58-Ce-123

MAT 5786

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-123



8

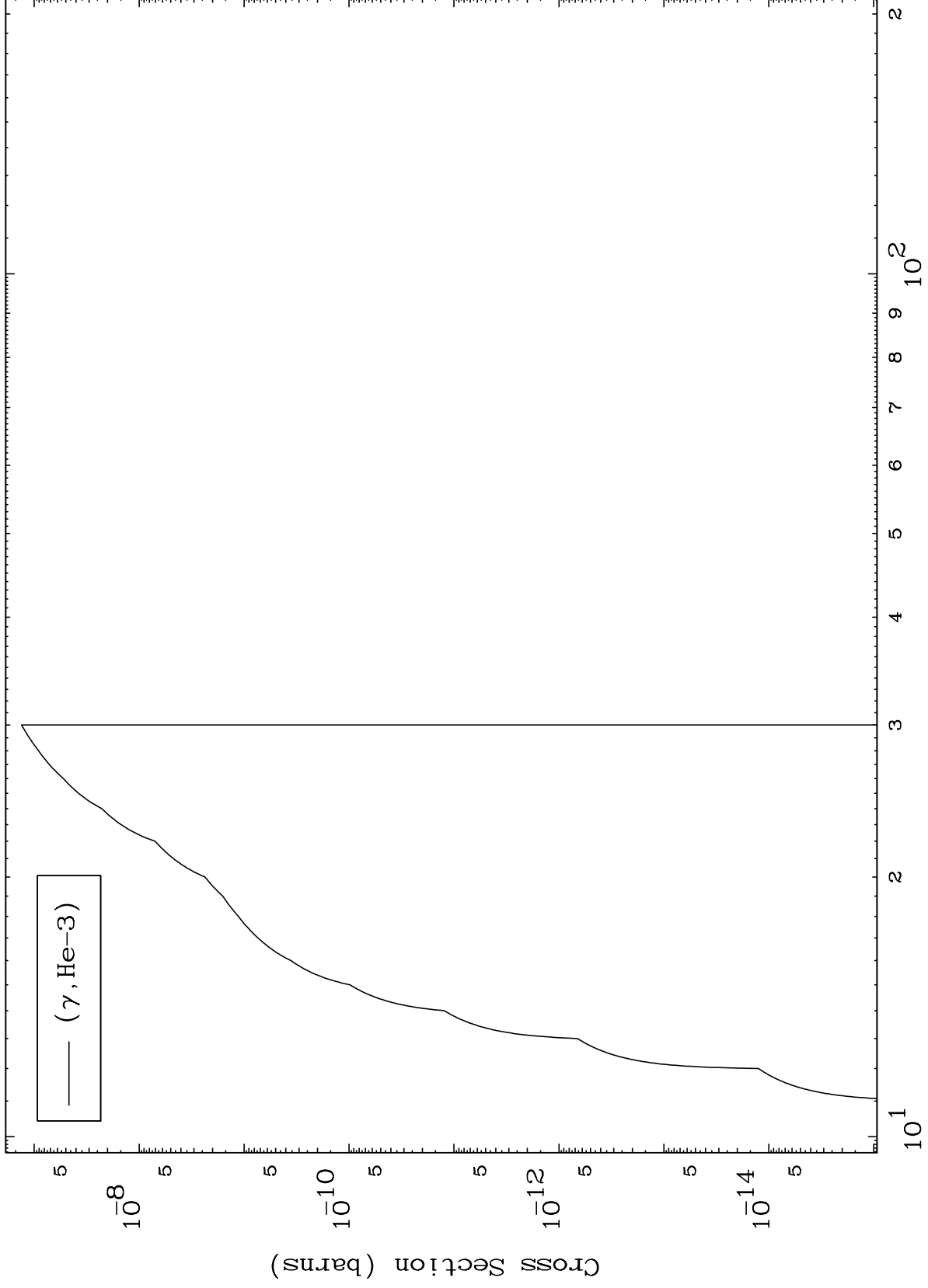
Incident Energy (MeV)

58-Ce-123

MAT 5786

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

58-Ce-123



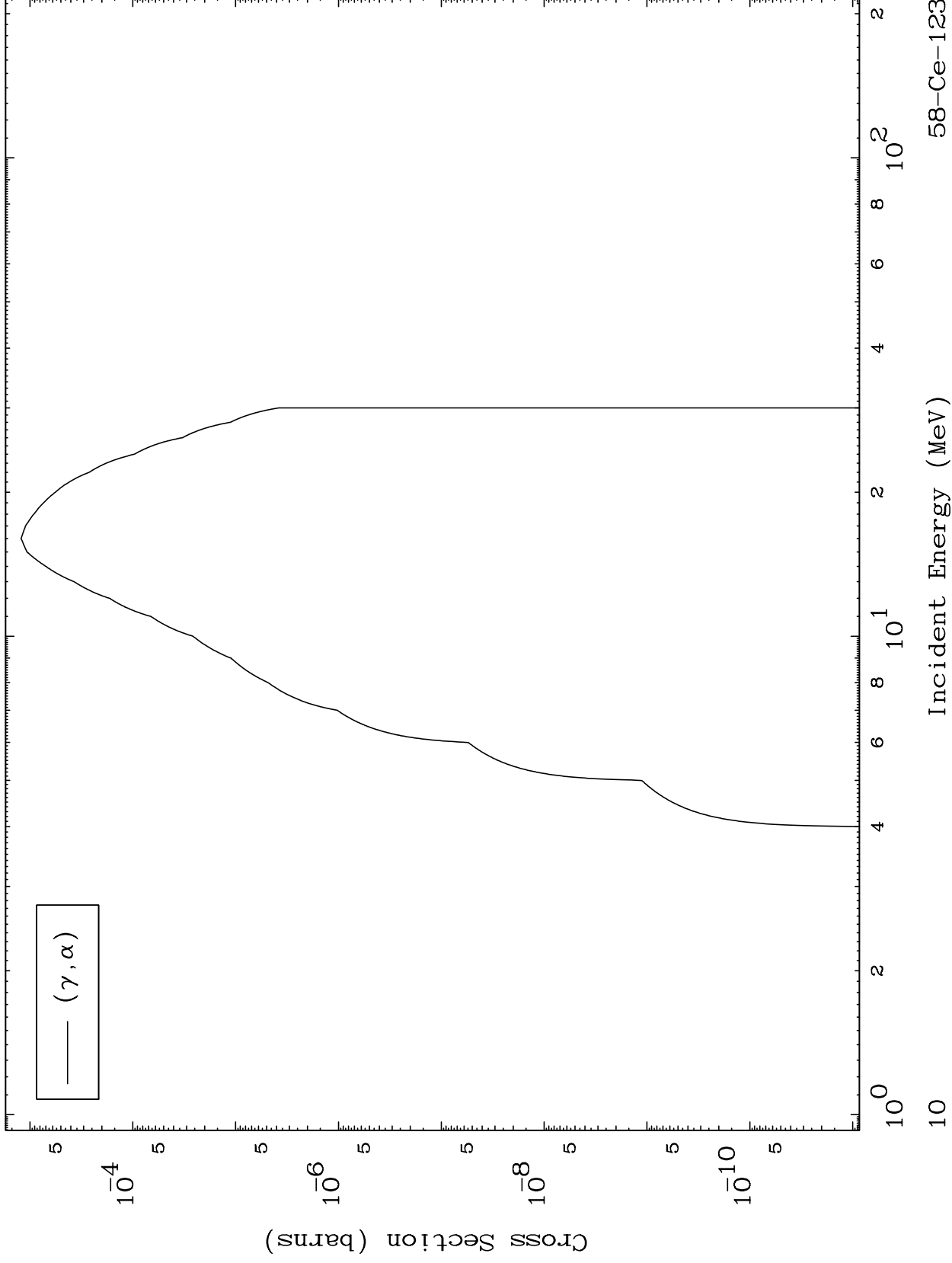
Incident Energy (MeV)

58-Ce-123

MAT 5786

(γ, α) Levels
0 Kelvin Cross Sections

58-Ce-123



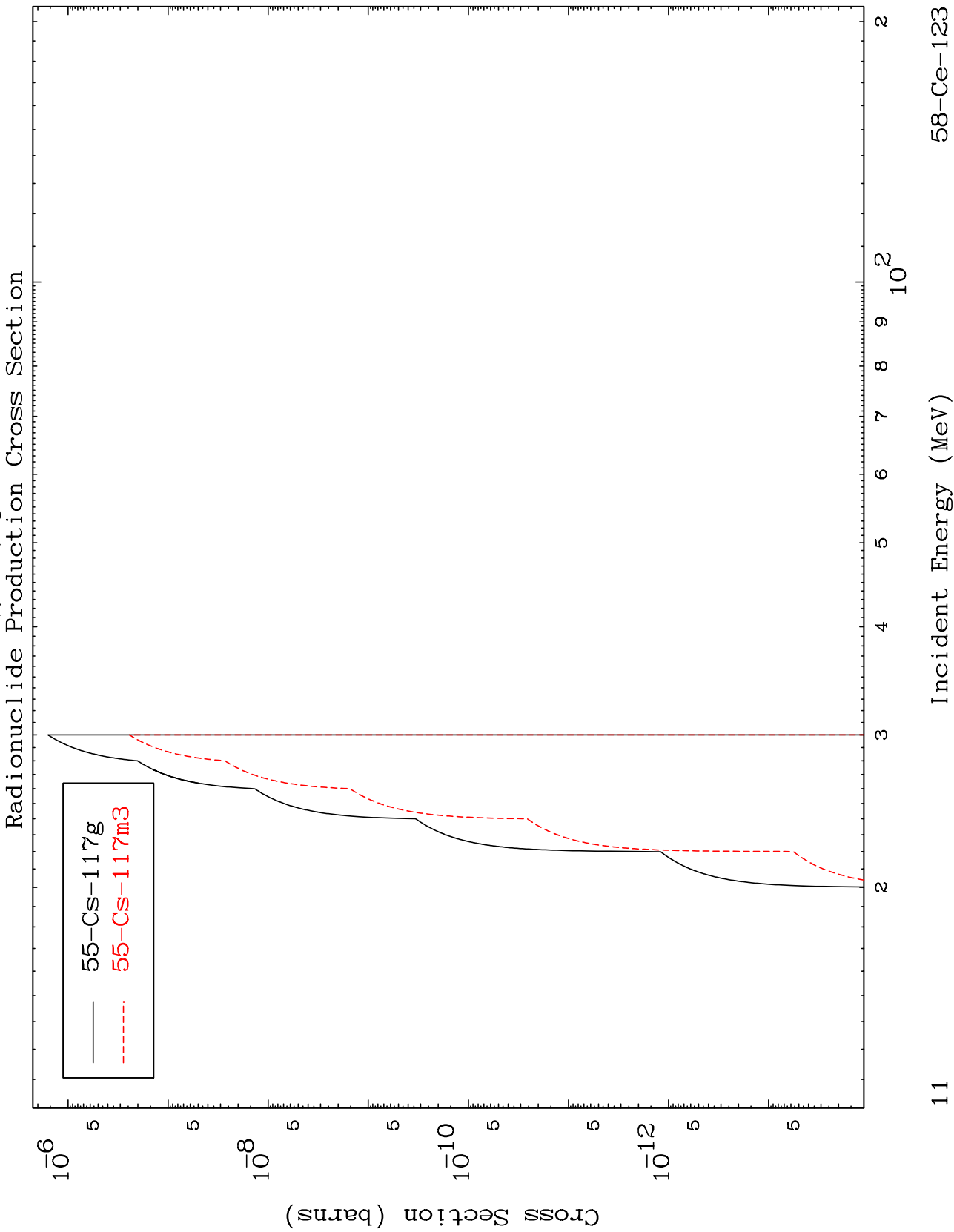
58-Ce-123

Incident Energy (MeV)

MAT 5786

(γ, n') p α

58-Ce-123

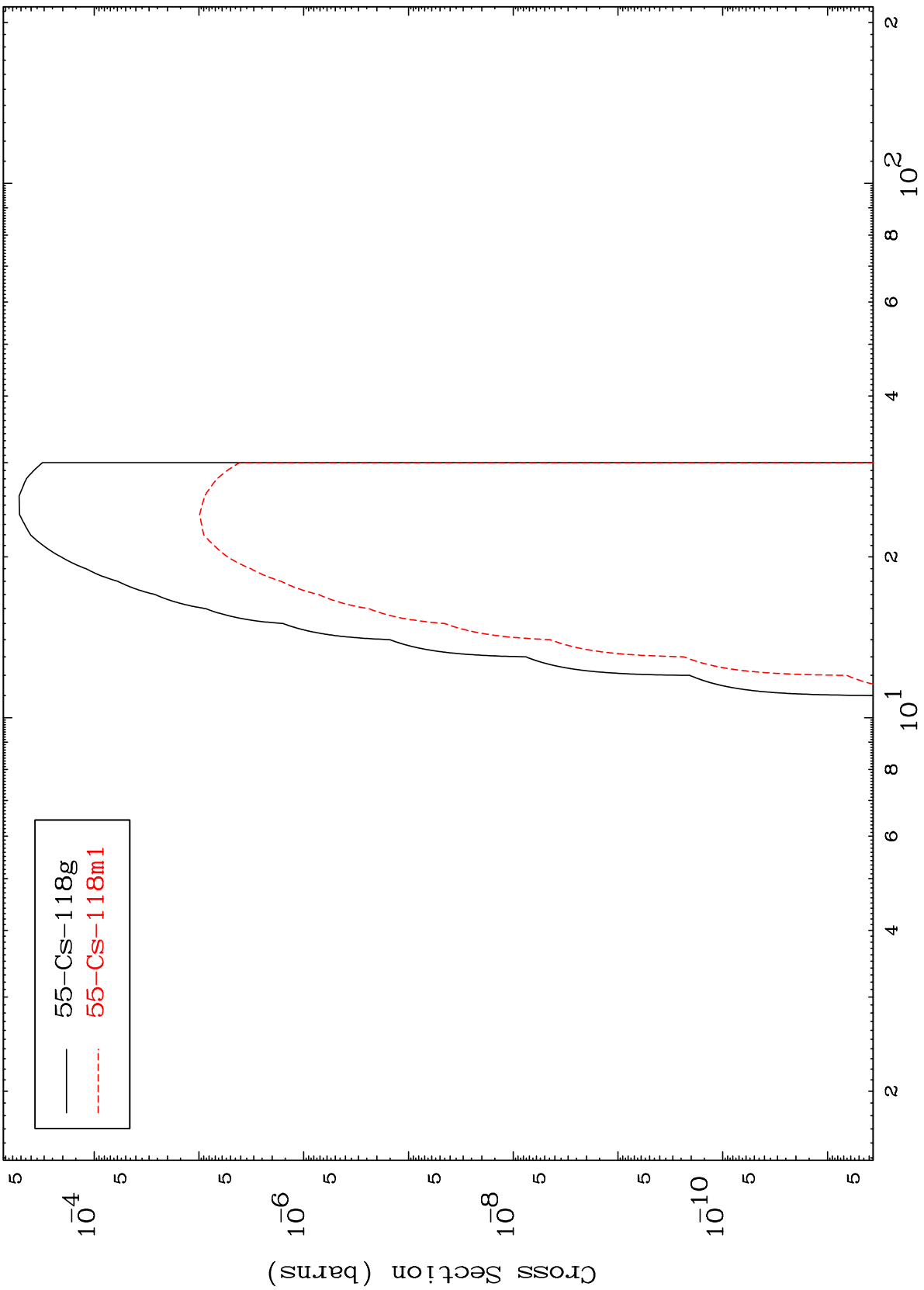


MAT 5786

(γ, p) α

58-Ce-123

Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

12

Incident Energy (MeV)

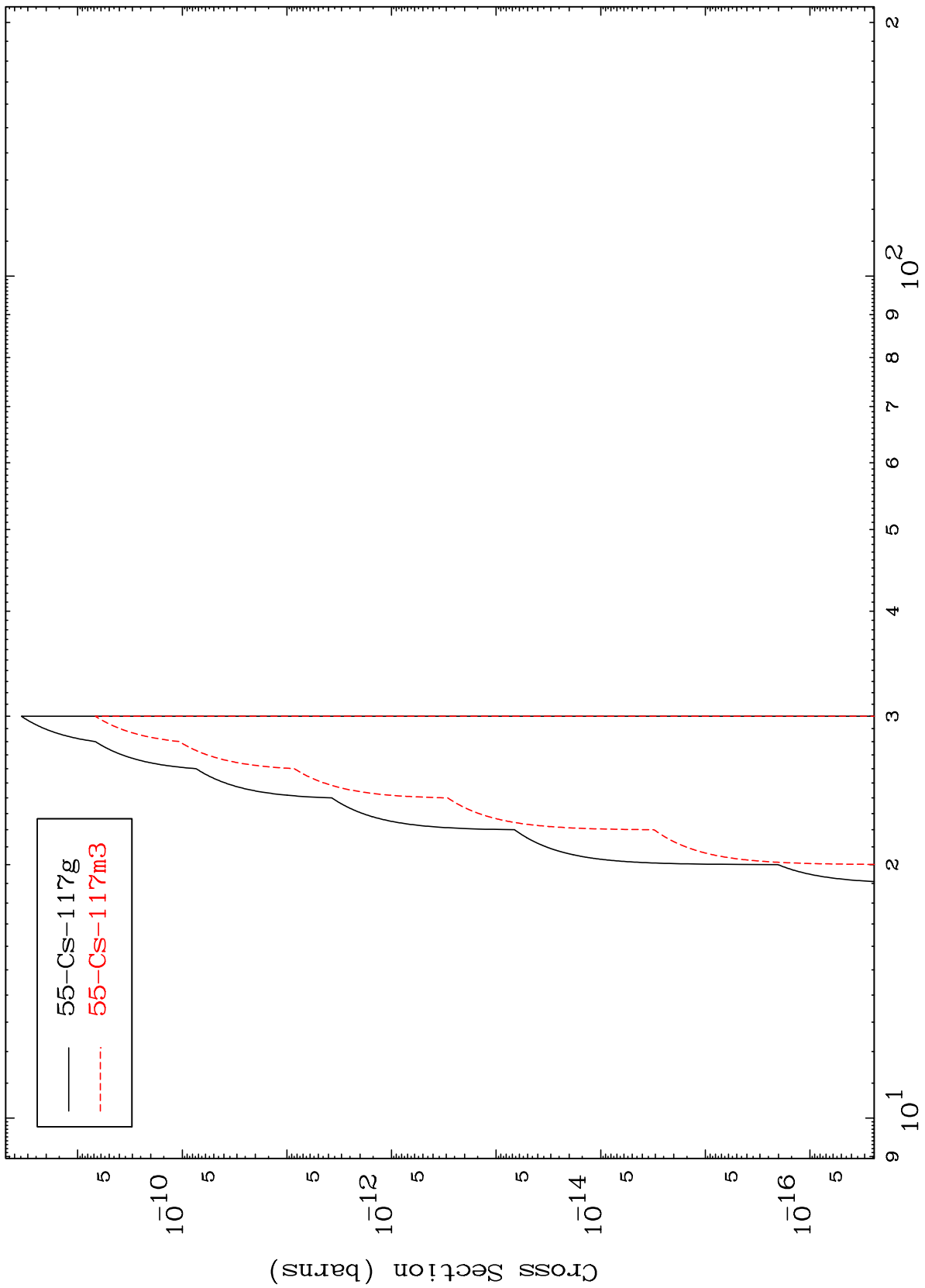
58-Ce-123

MAT 5786

(γ, d) α

58-Ce-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

58-Ce-123