

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

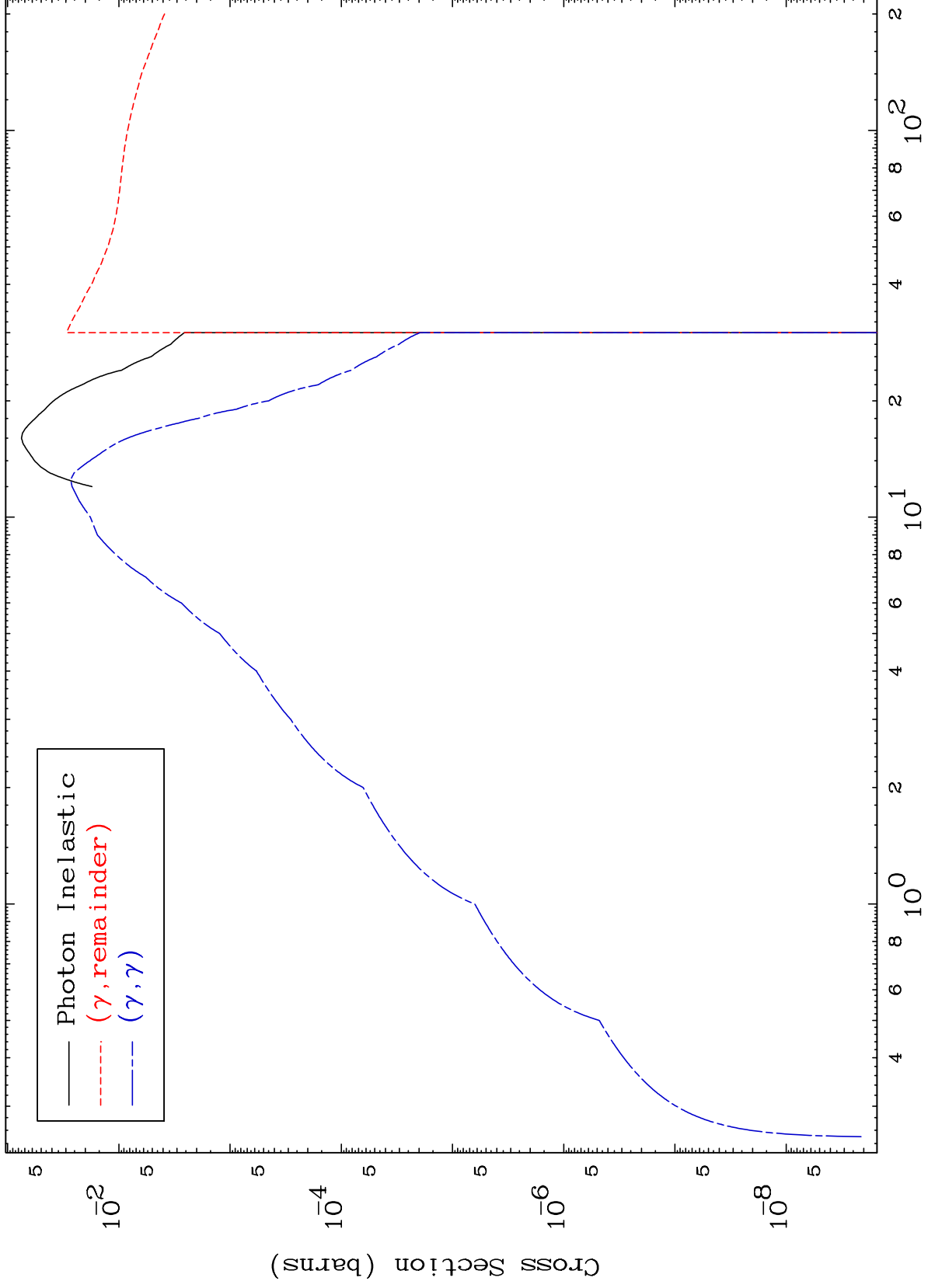
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

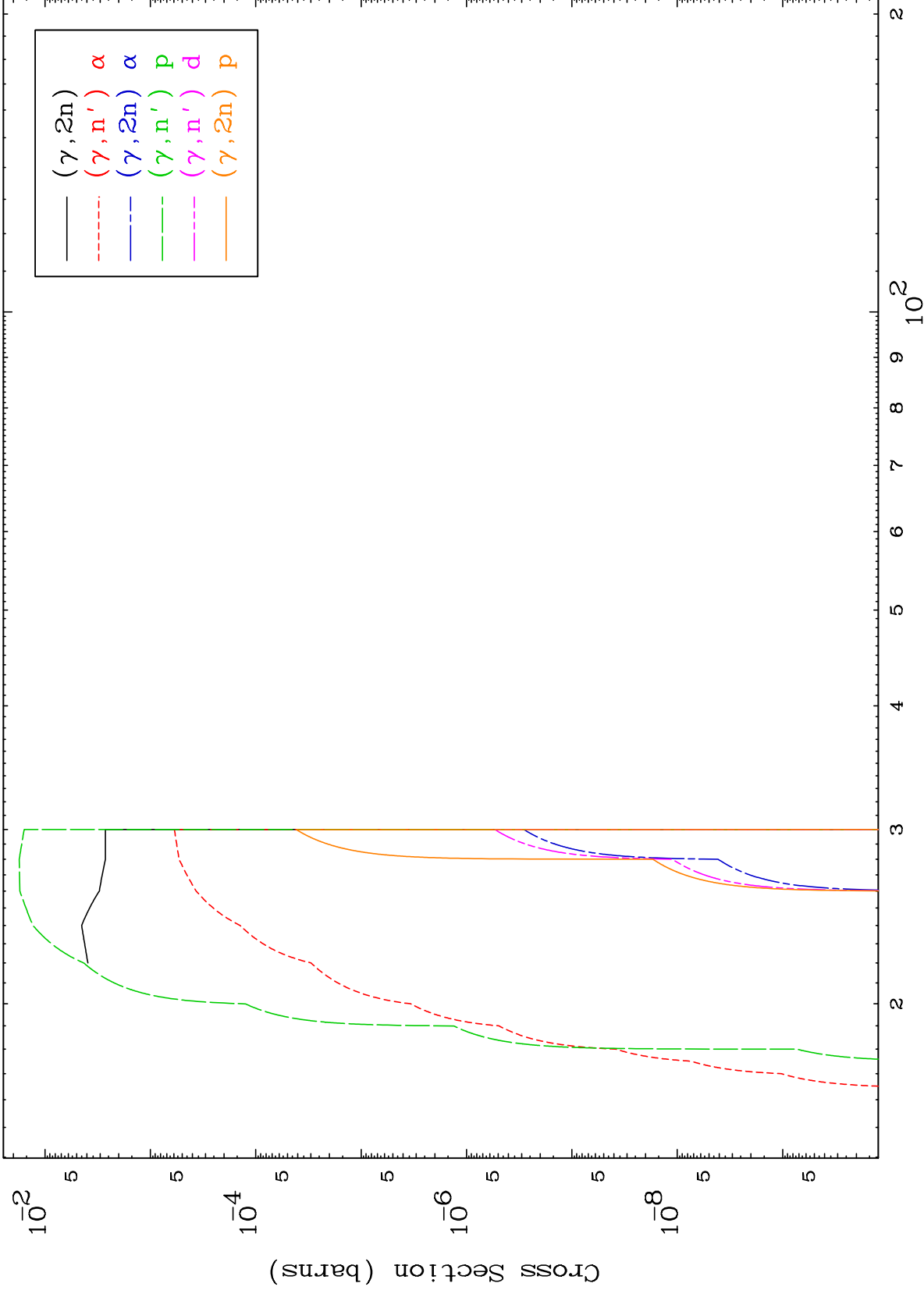
MAT 5801

Photon Major
0 Kelvin Cross Sections

58-Ce-128



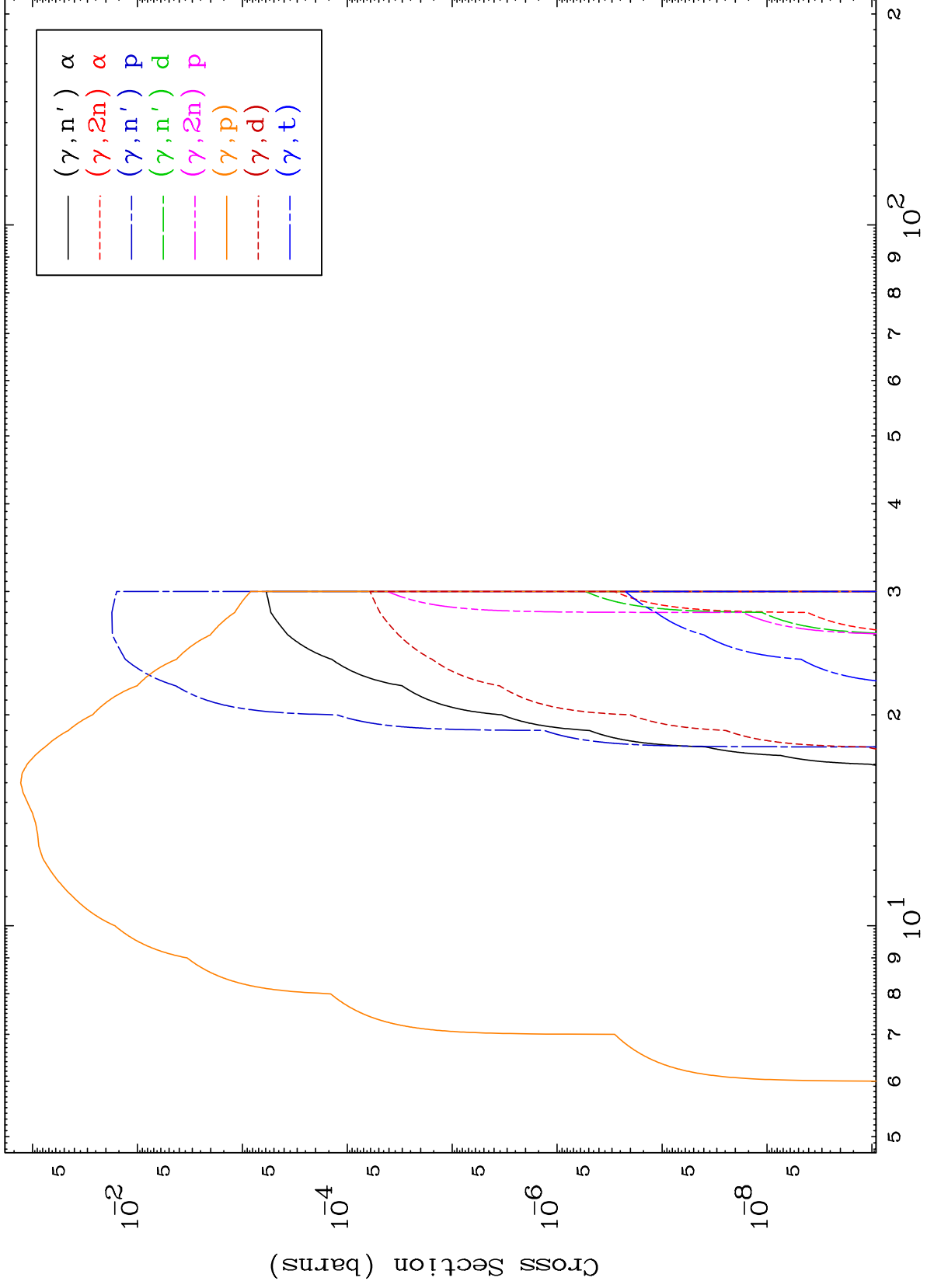
— Photon Inelastic
- - - (γ, remainder)
- · - (γ, γ)



MAT 5801

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-128



3

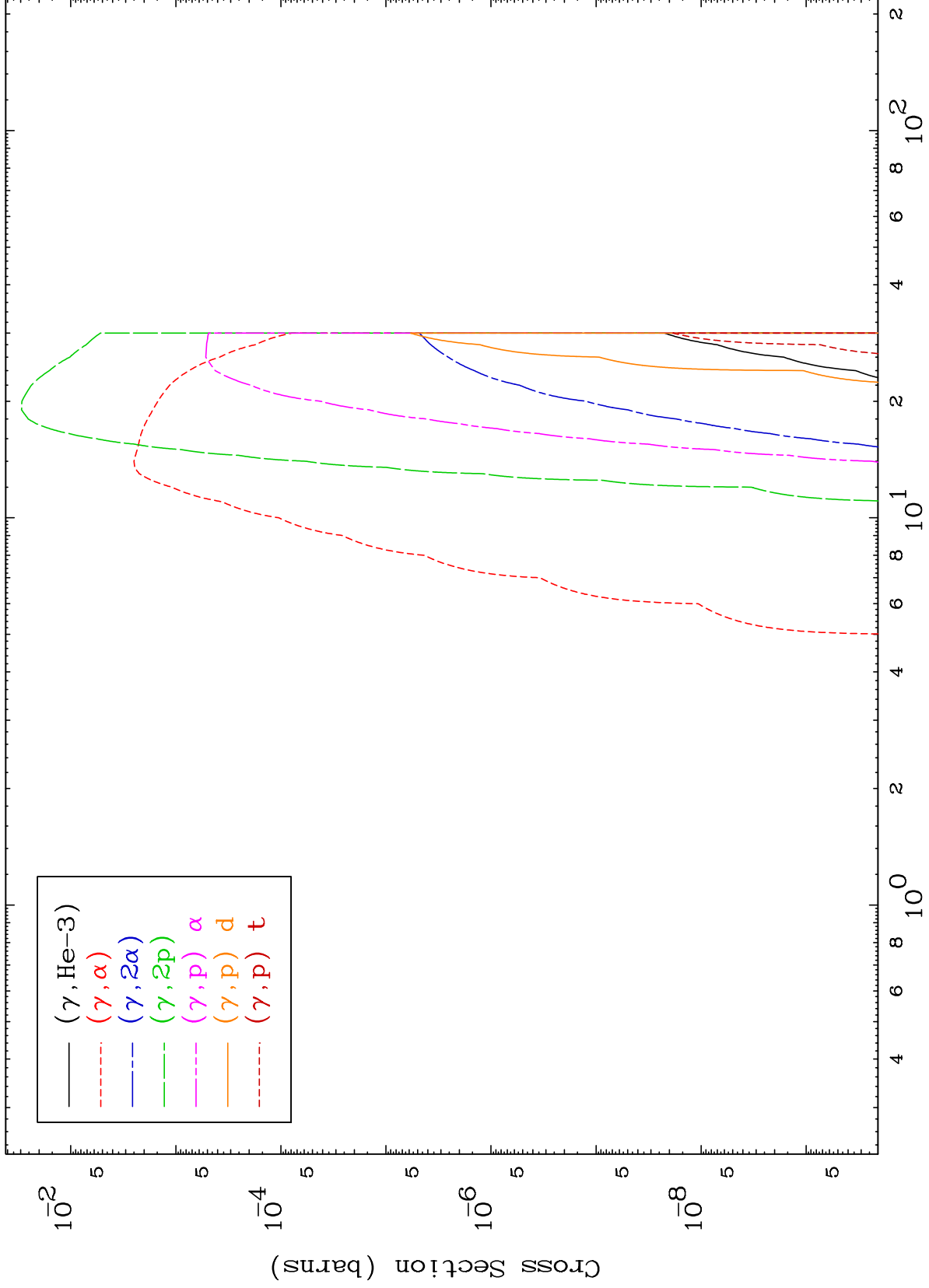
Incident Energy (MeV)

58-Ce-128

MAT 5801

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-128

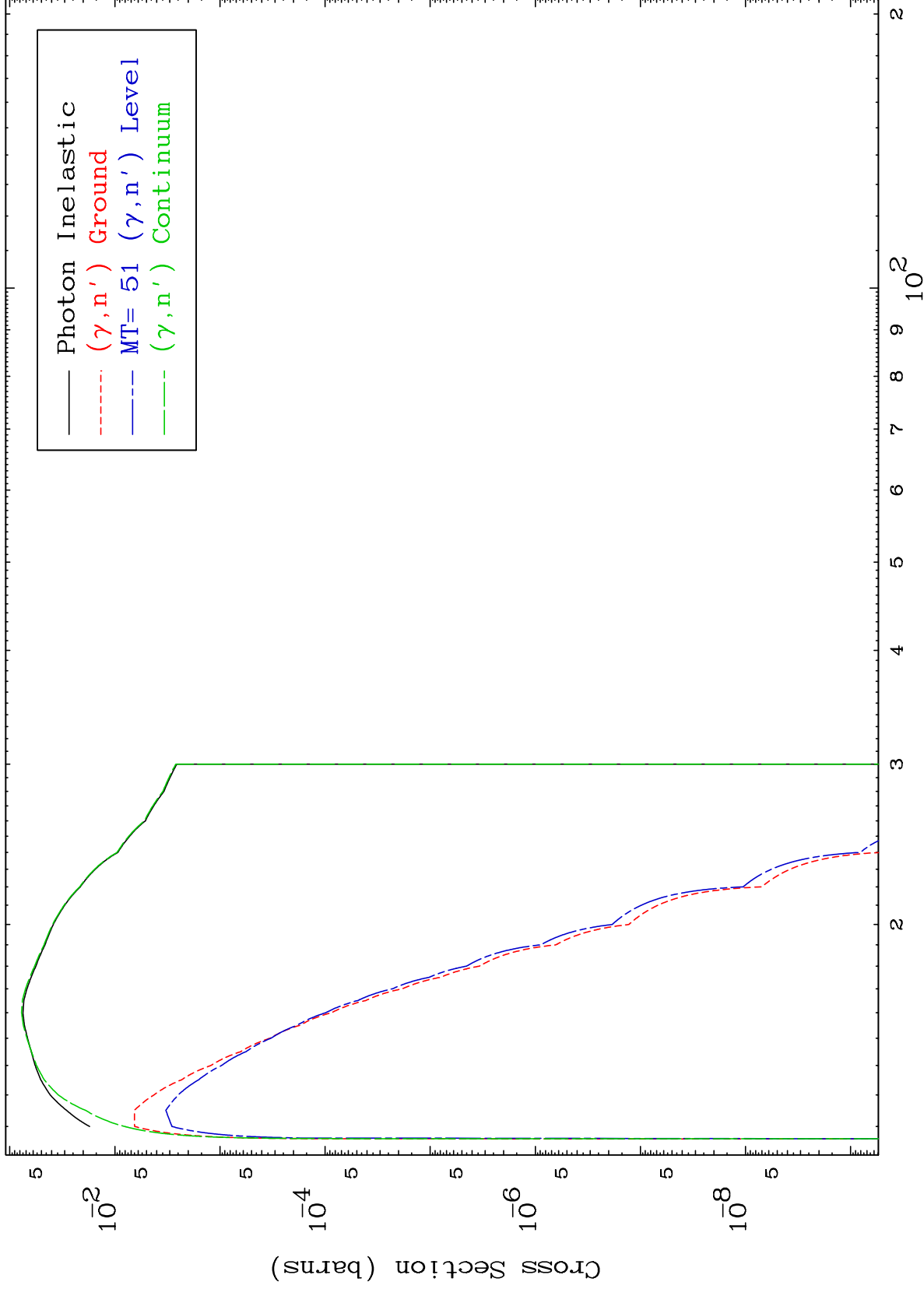


MAT 5801

(γ, n') Level

58-Ce-128

0 Kelvin Cross Sections



Incident Energy (MeV)

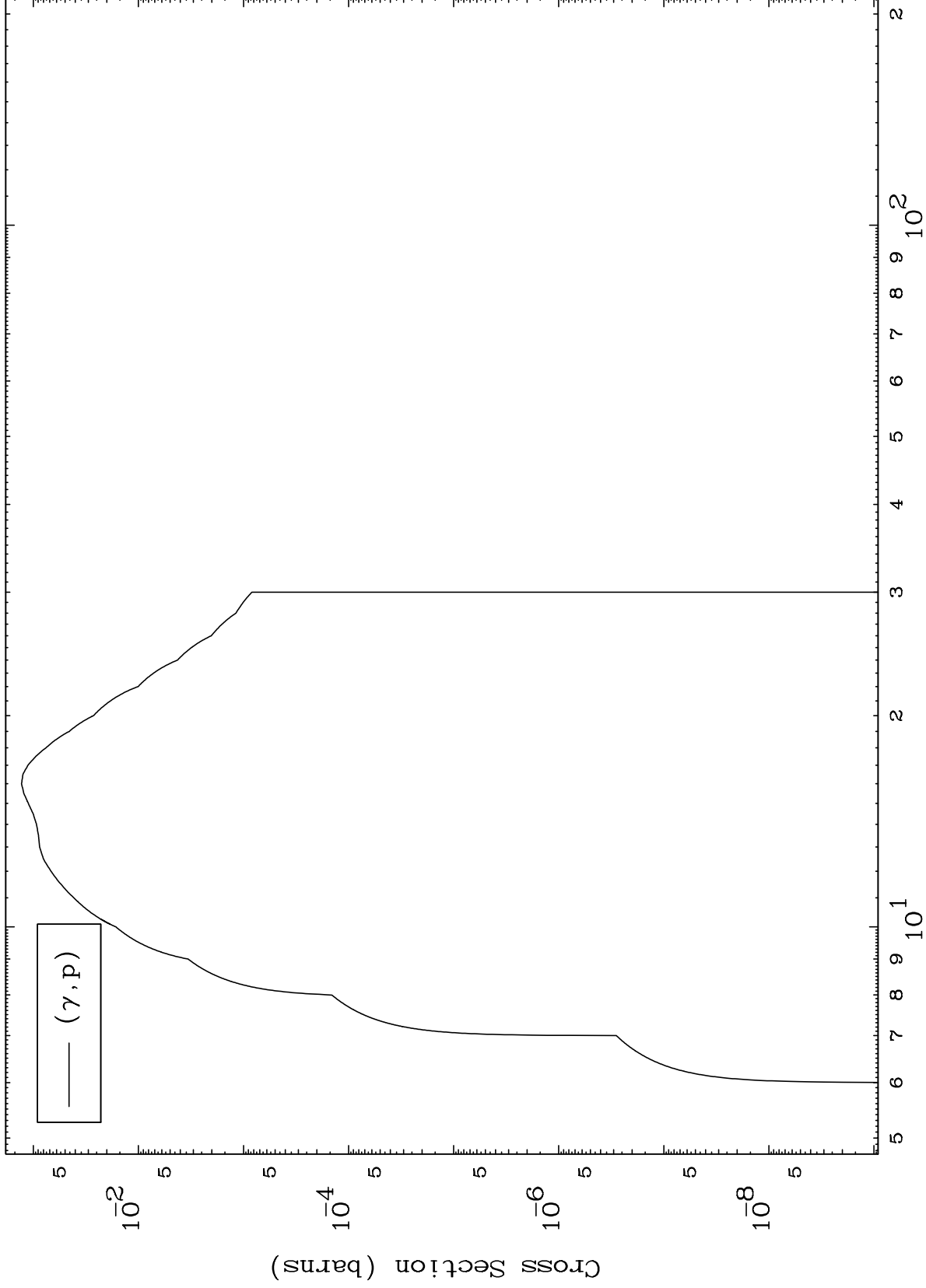
58-Ce-128

5

MAT 5801

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-128



6

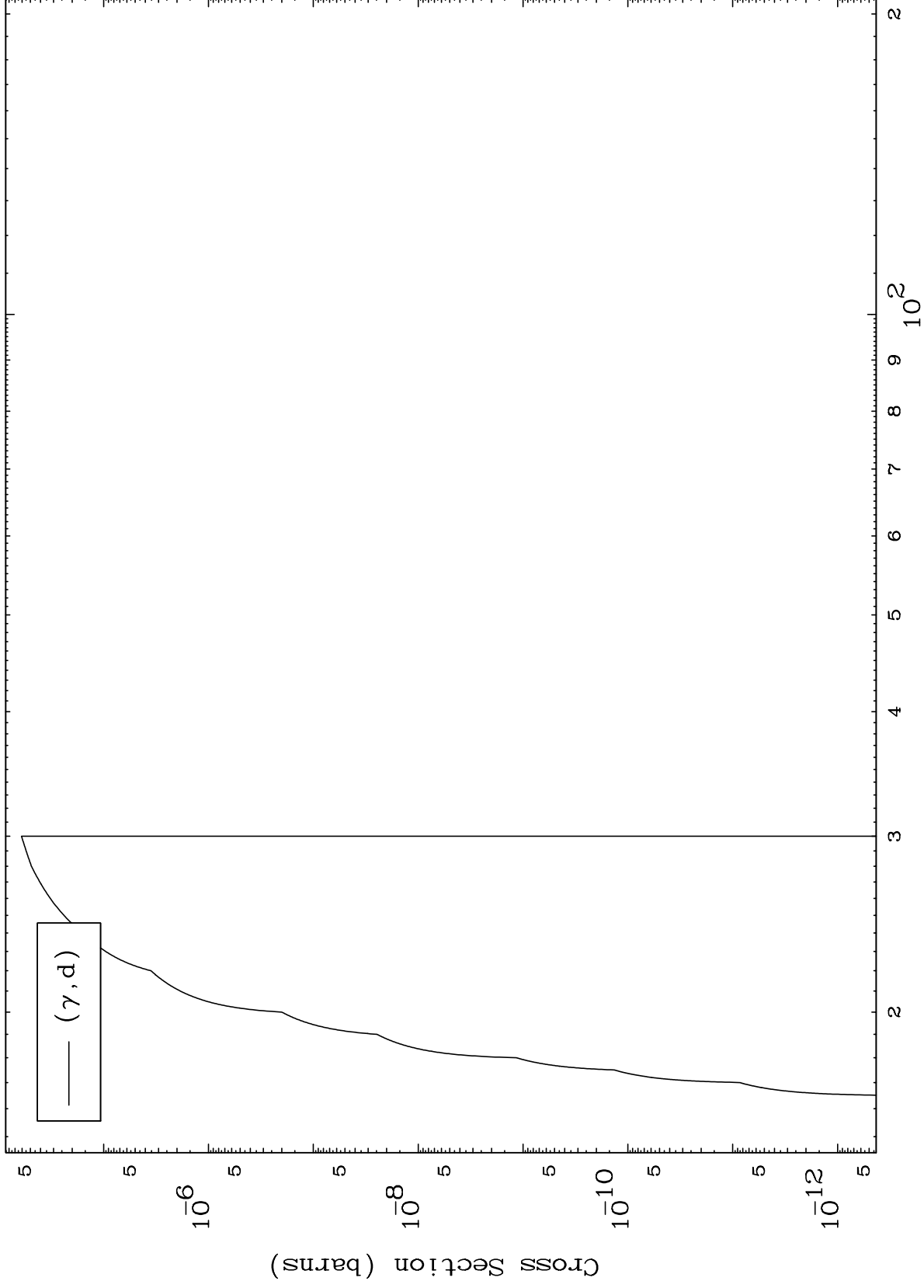
Incident Energy (MeV)

58-Ce-128

MAT 5801

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-128



7

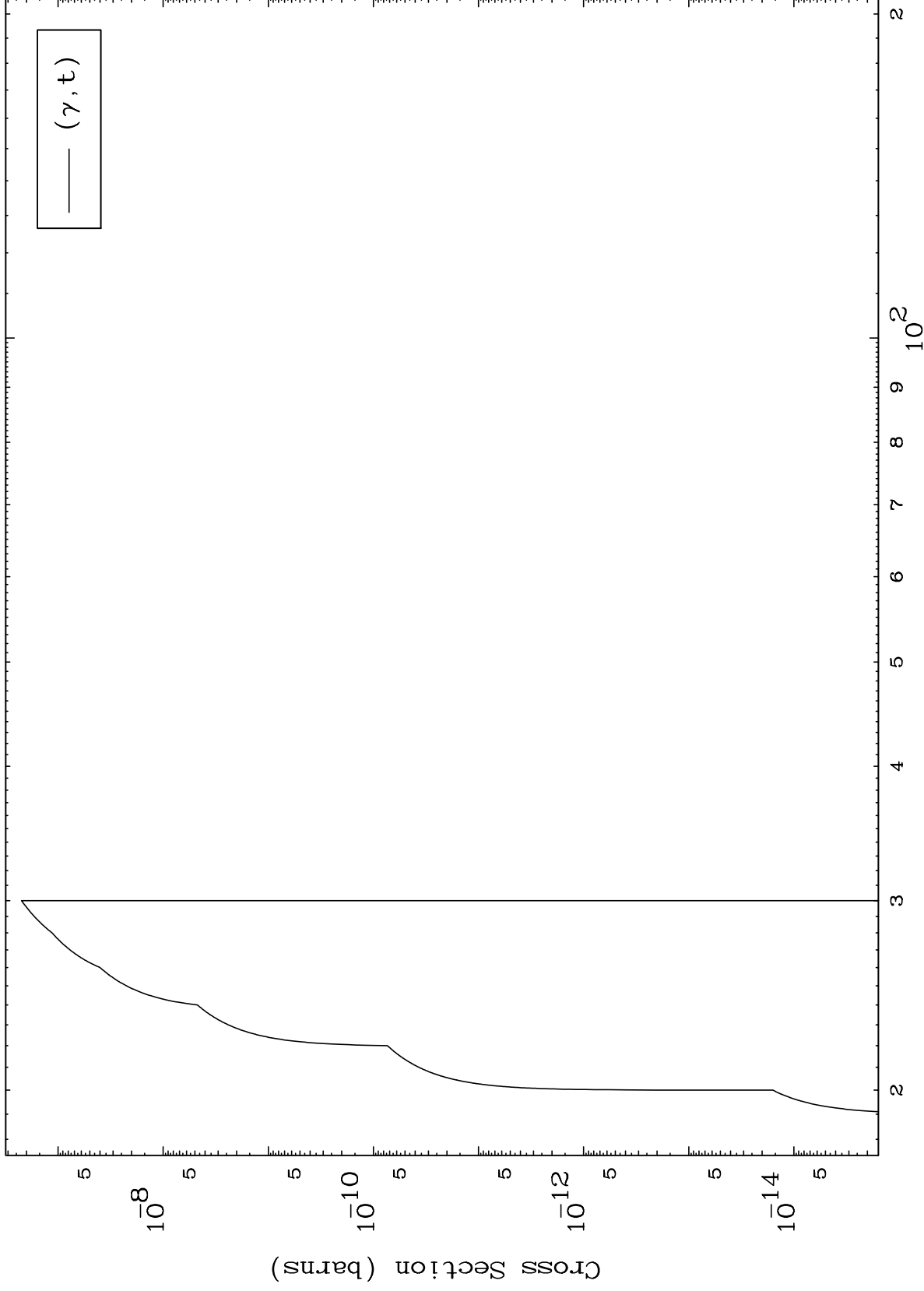
Incident Energy (MeV)

58-Ce-128

MAT 5801

(γ, t) Levels
0 Kelvin Cross Sections

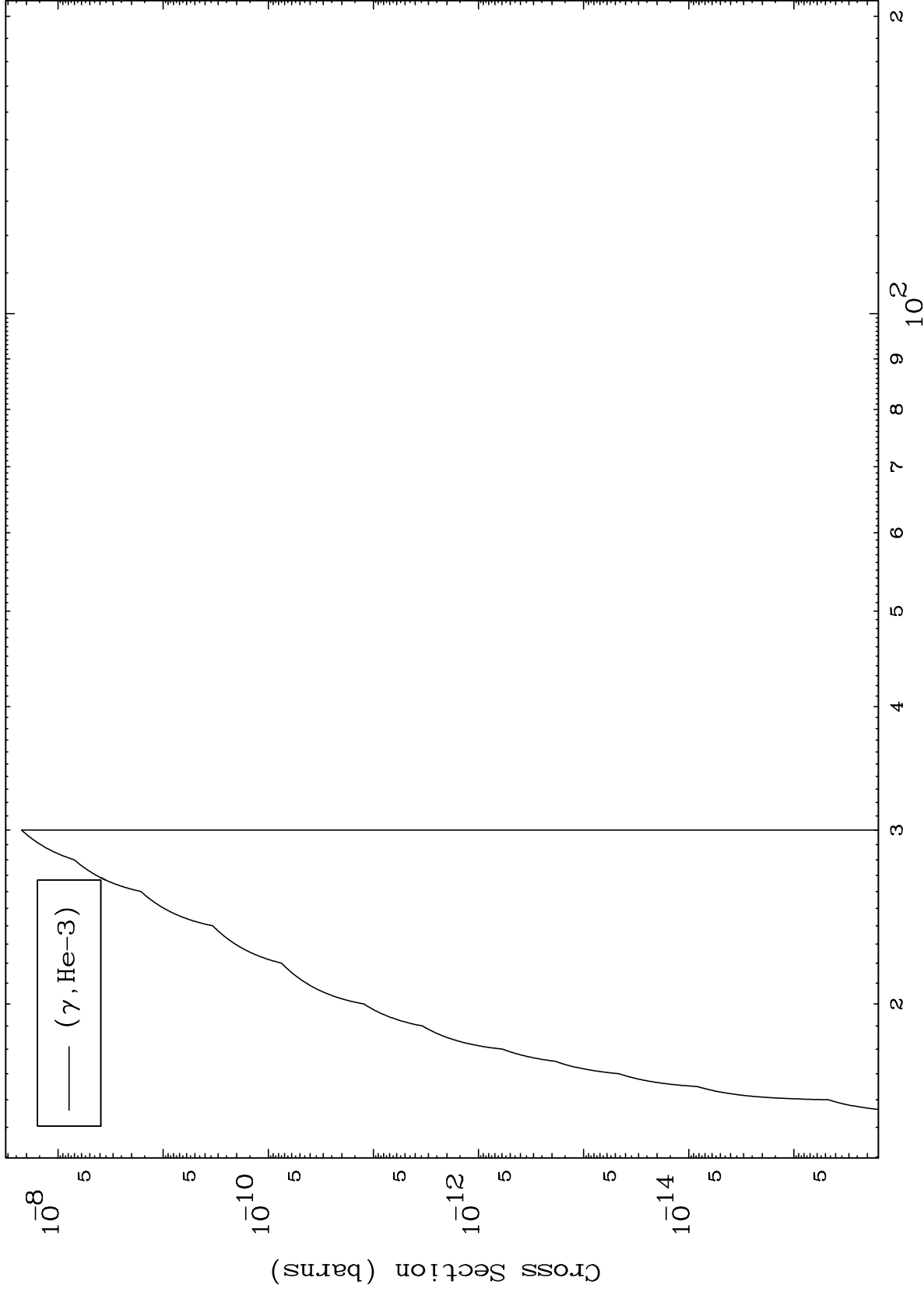
58-Ce-128



8

Incident Energy (MeV)

58-Ce-128

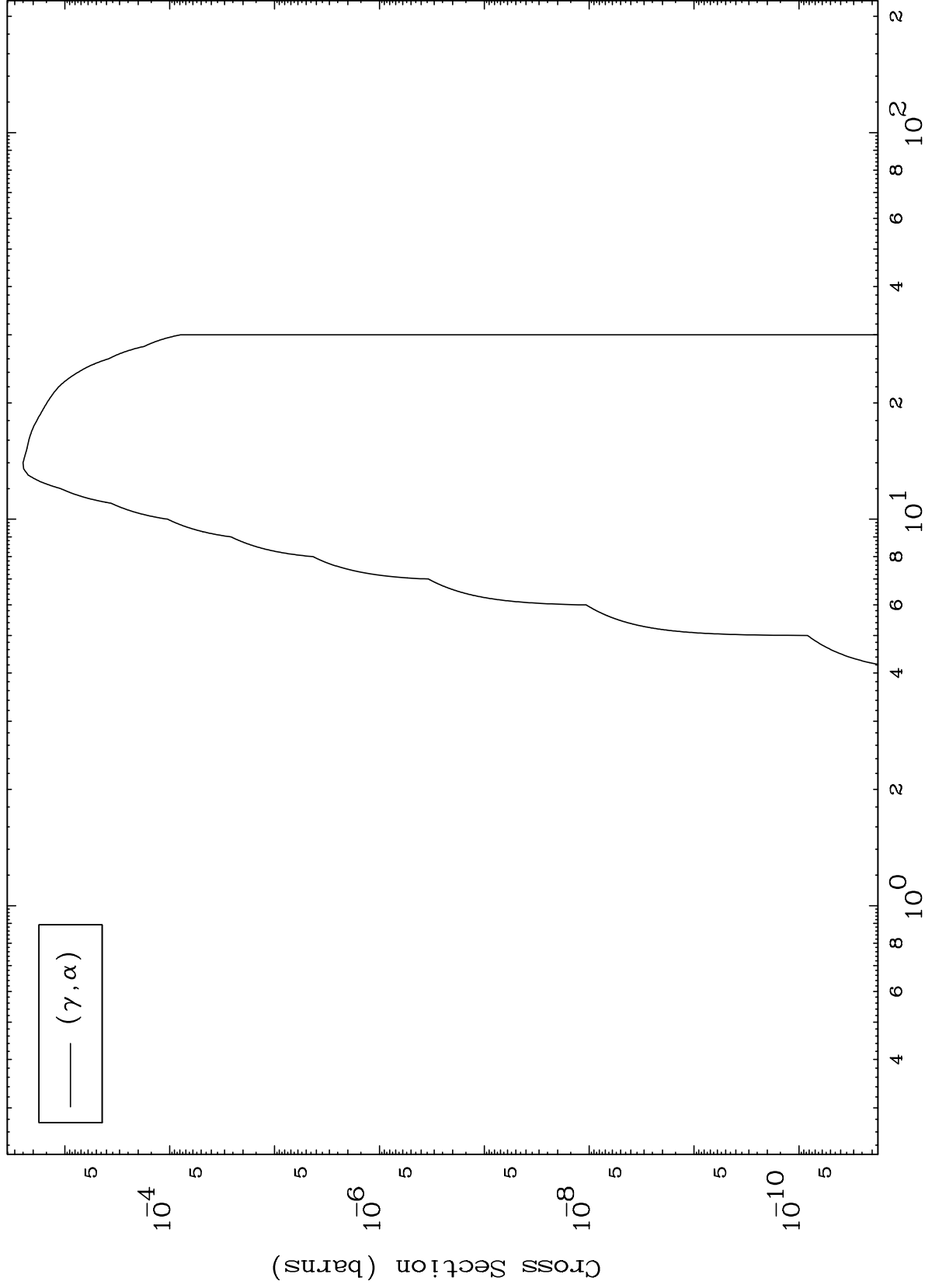


MAT 5801

(γ, α) Levels

58-Ce-128

0 Kelvin Cross Sections



10

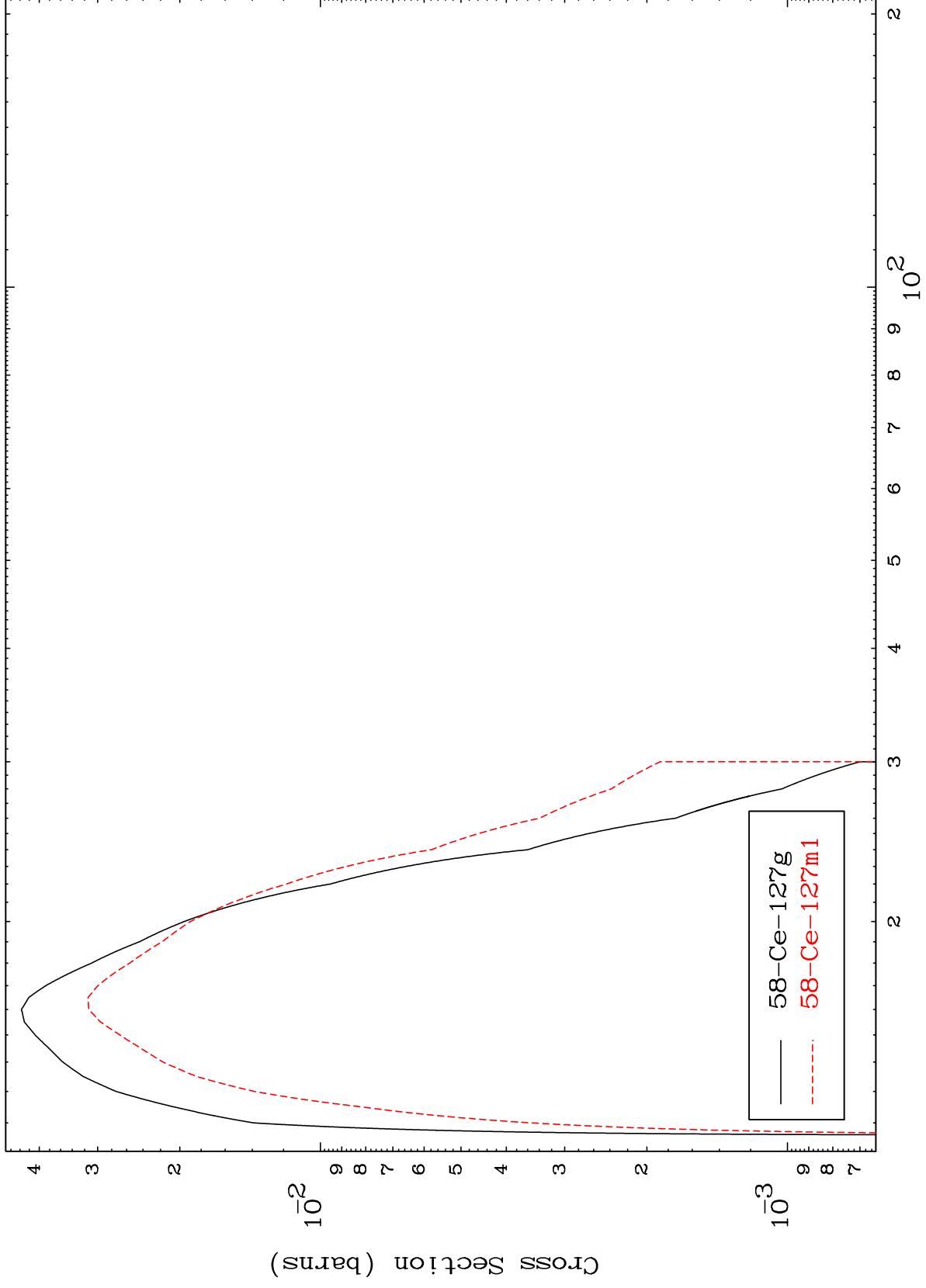
Incident Energy (MeV)

58-Ce-128

MAT 5801

Photon Inelastic
Radionuclide Production Cross Section

58-Ce-128



11

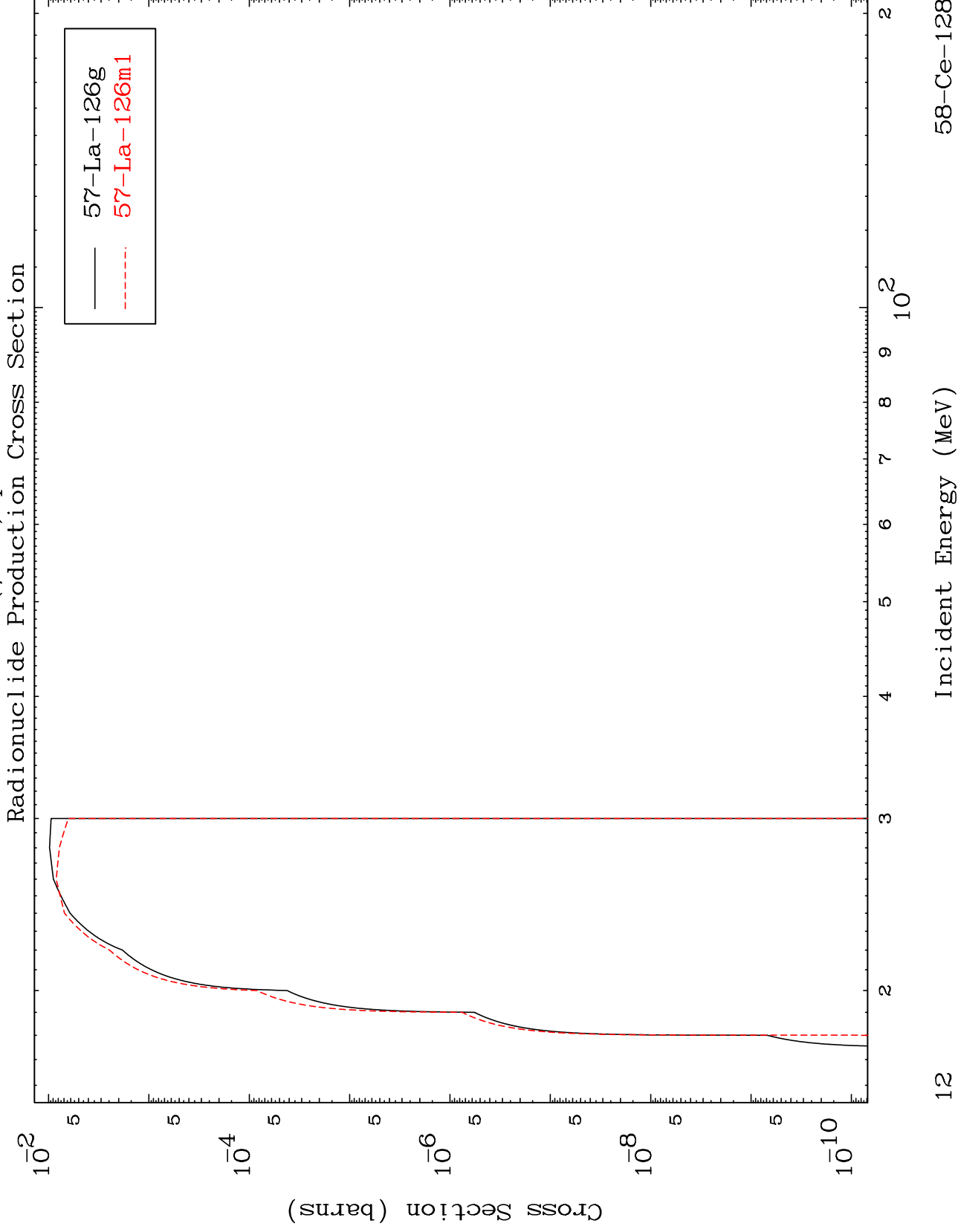
Incident Energy (MeV)

58-Ce-128

MAT 5801

(γ, n') p

58-Ce-128



12

Incident Energy (MeV)

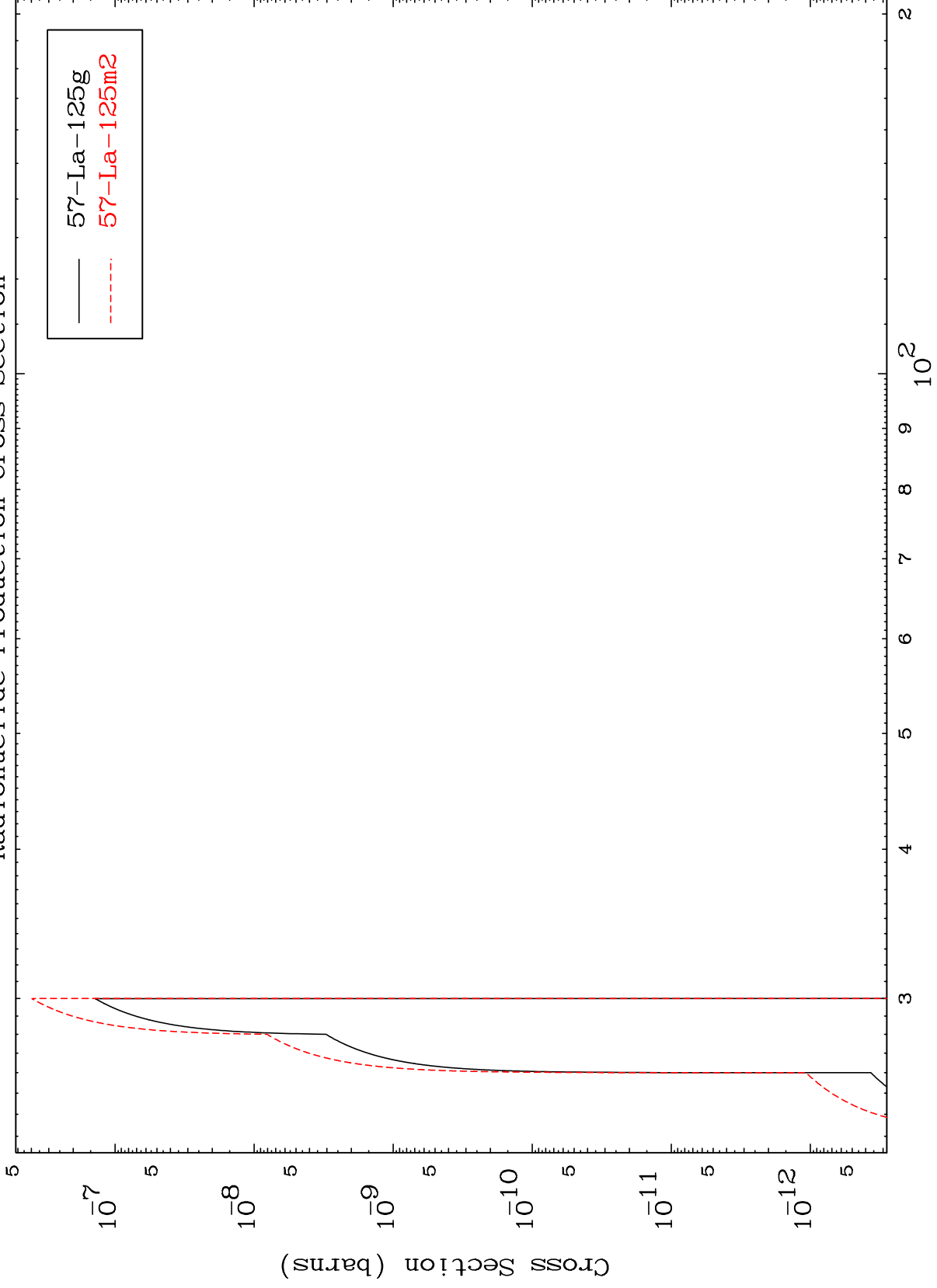
58-Ce-128

MAT 5801

(γ, n') d

58-Ce-128

Radionuclide Production Cross Section



13

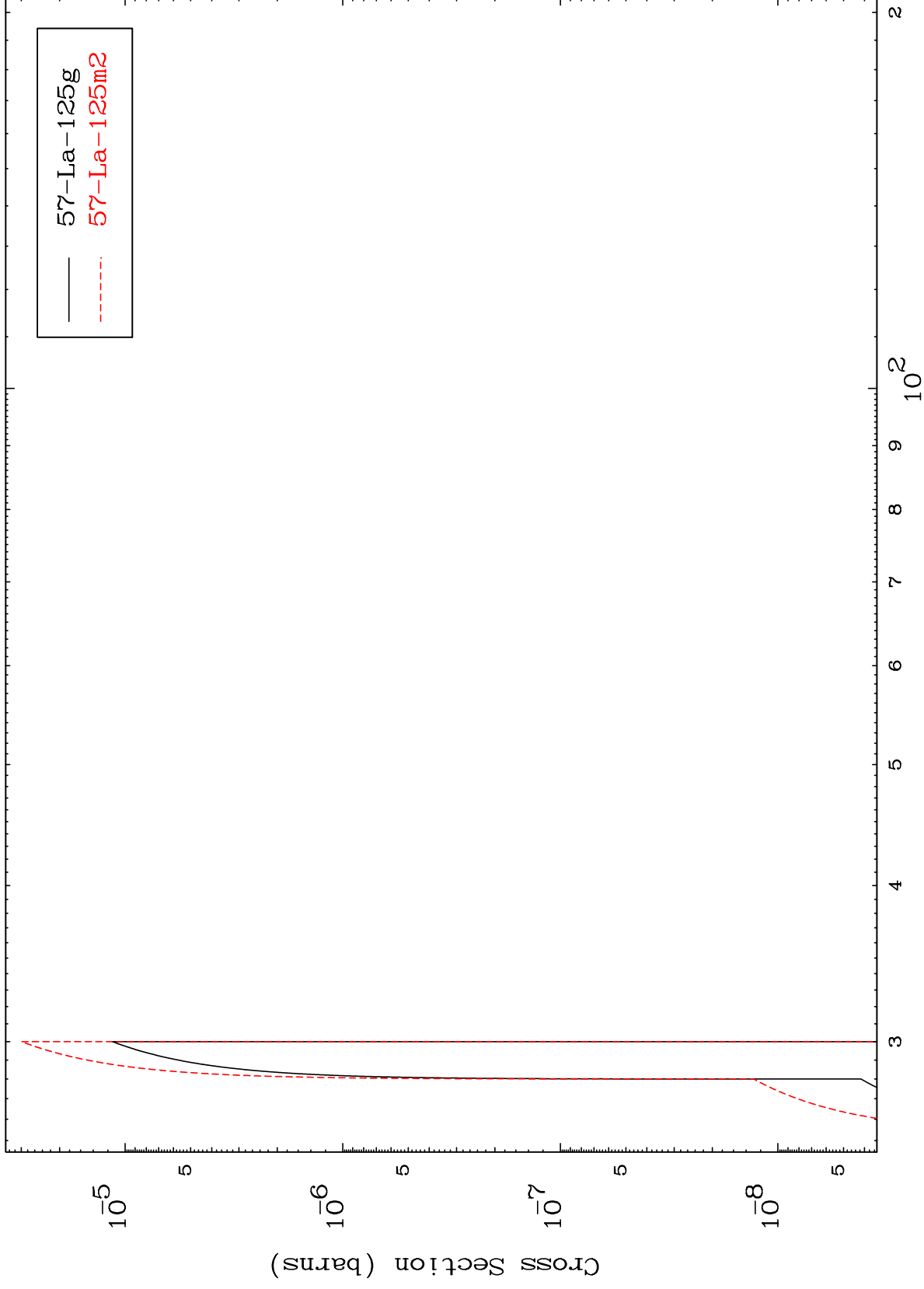
Incident Energy (MeV)

58-Ce-128

MAT 5801

58-Ce-128

$(\gamma, 2n)$ p
Radionuclide Production Cross Section



58-Ce-128

Incident Energy (MeV)

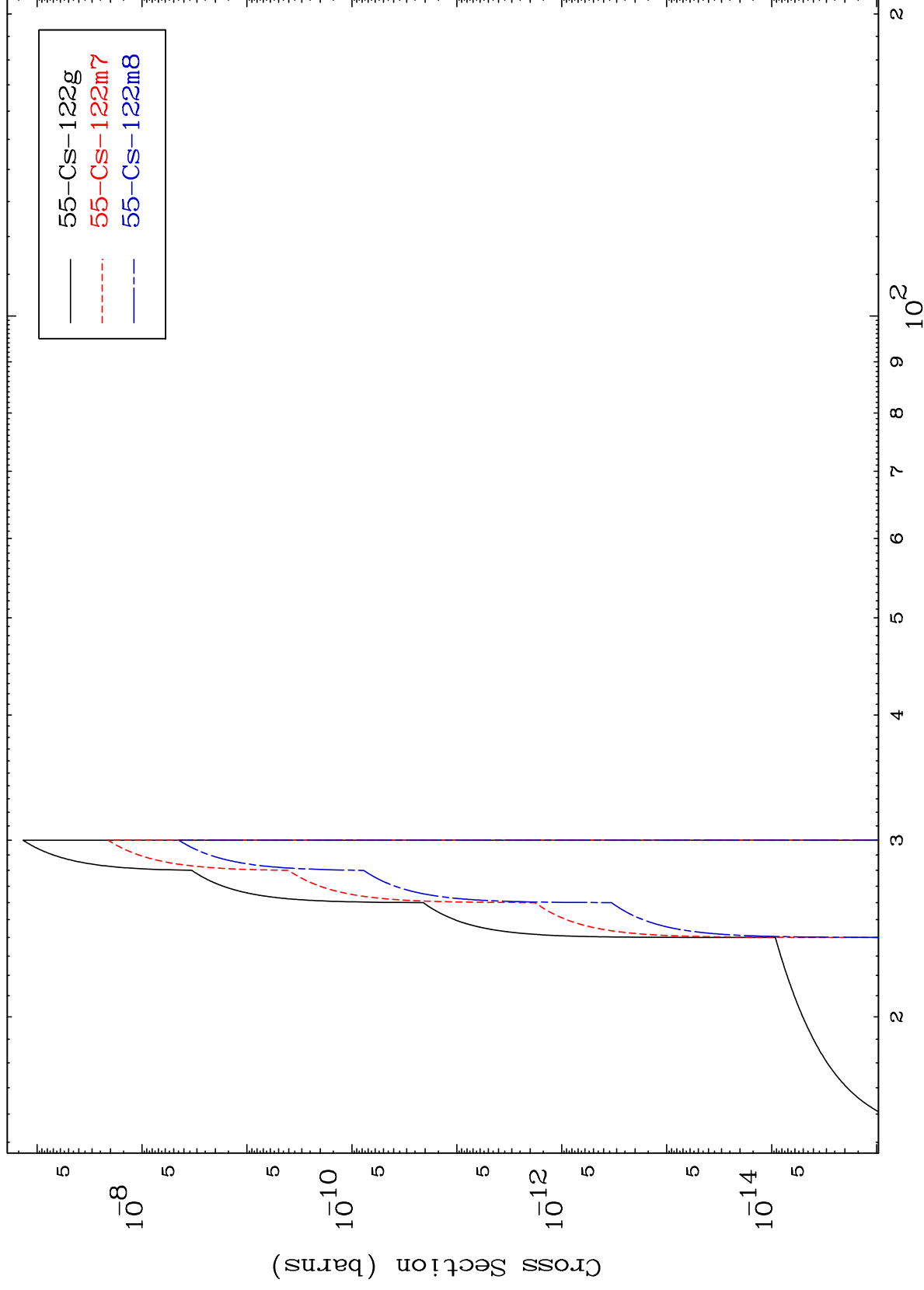
14

MAT 5801

(γ, n') p α

58-Ce-128

Radionuclide Production Cross Section



15

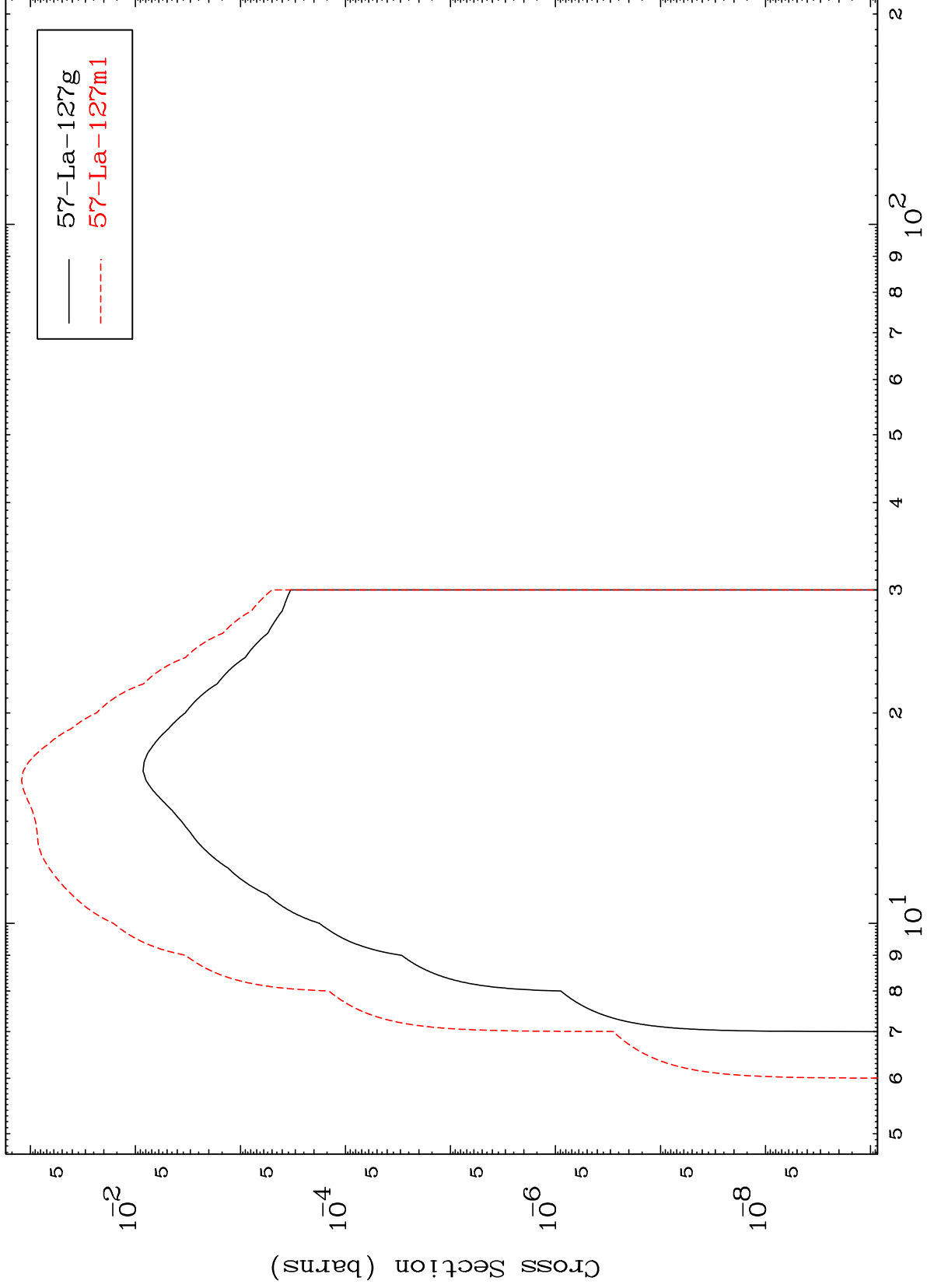
Incident Energy (MeV)

58-Ce-128

MAT 5801

58-Ce-128

(γ, p)
Radionuclide Production Cross Section



58-Ce-128

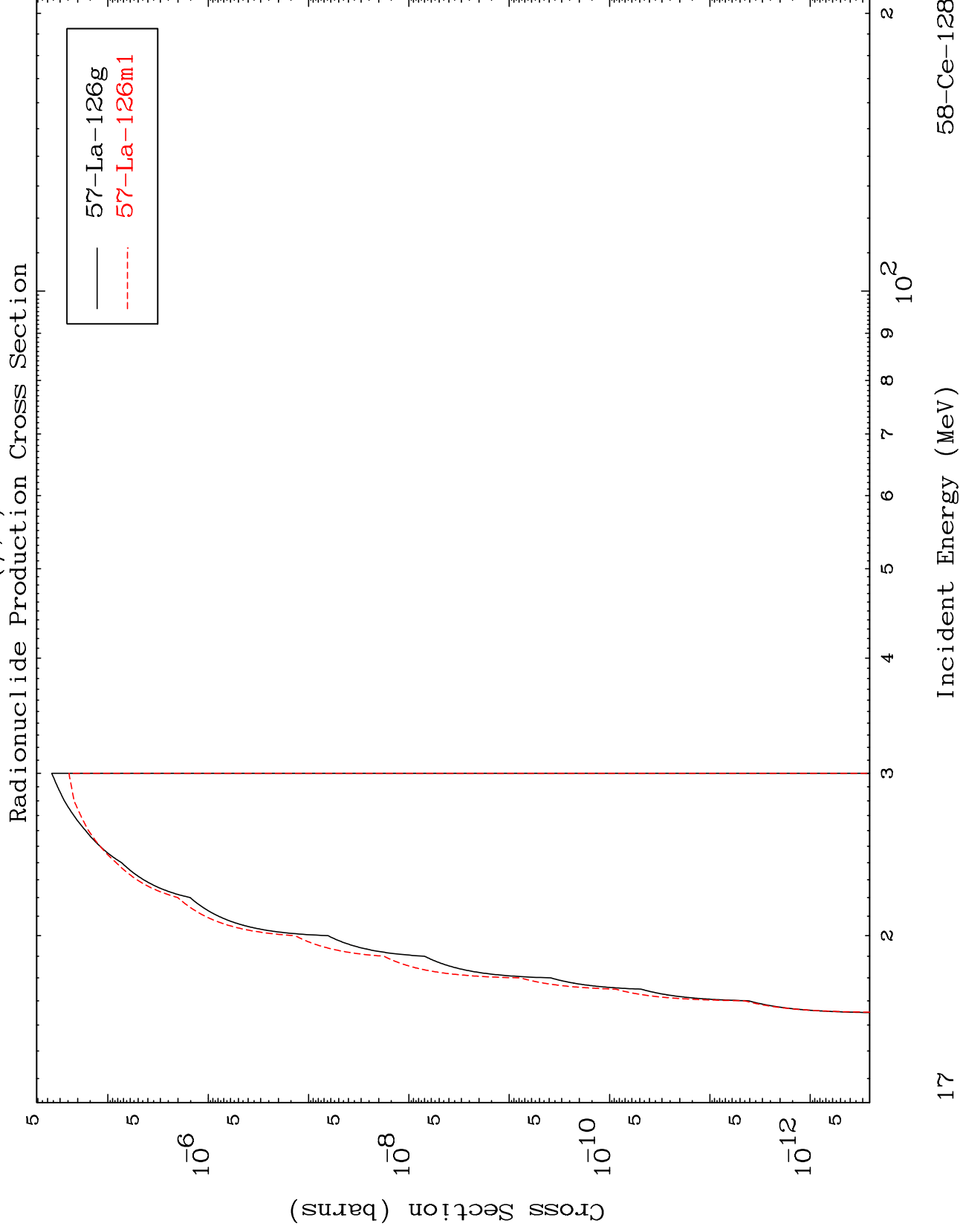
Incident Energy (MeV)

16

MAT 5801

(γ, d)

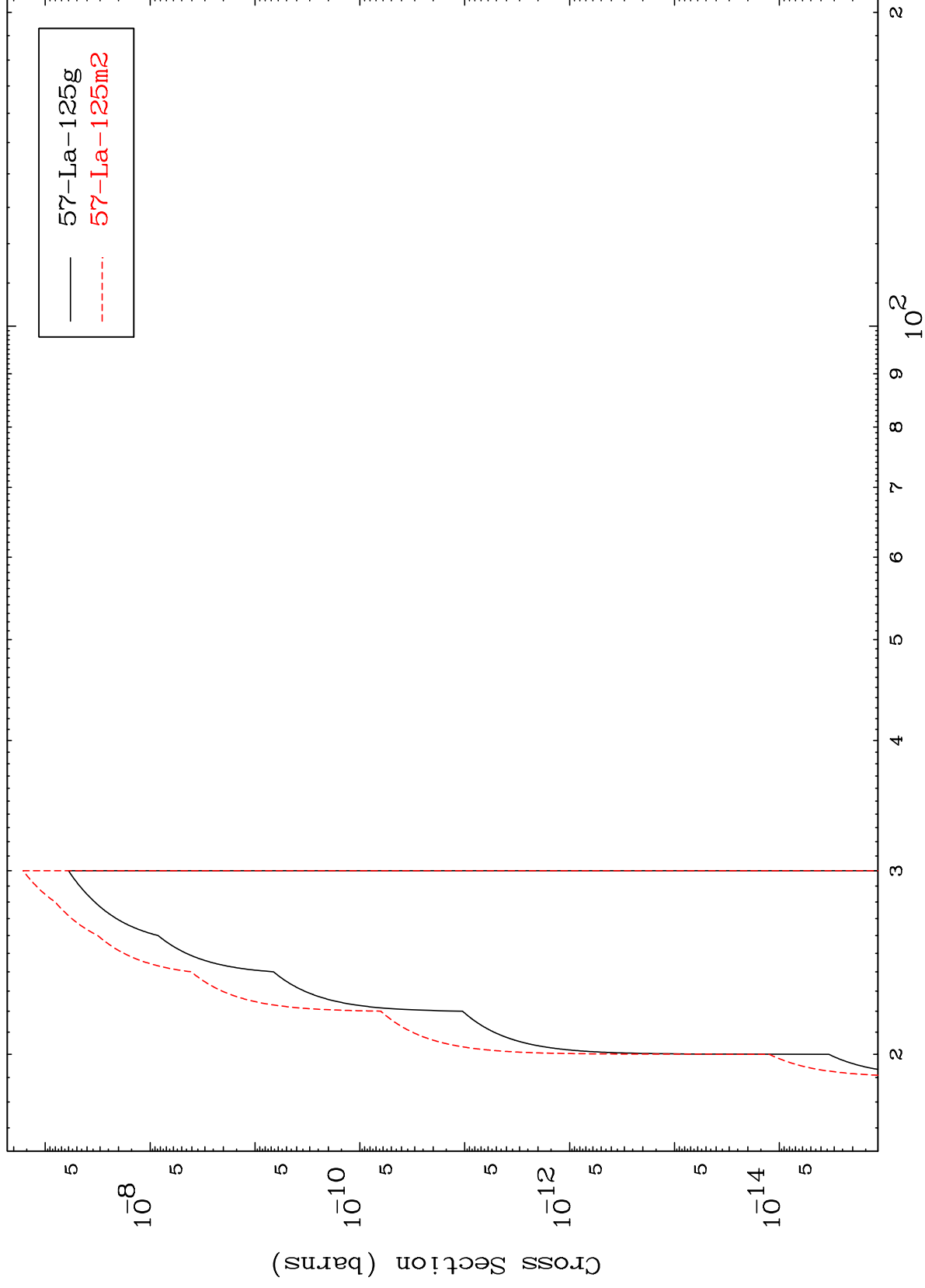
58-Ce-128



MAT 5801

58-Ce-128

(γ, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

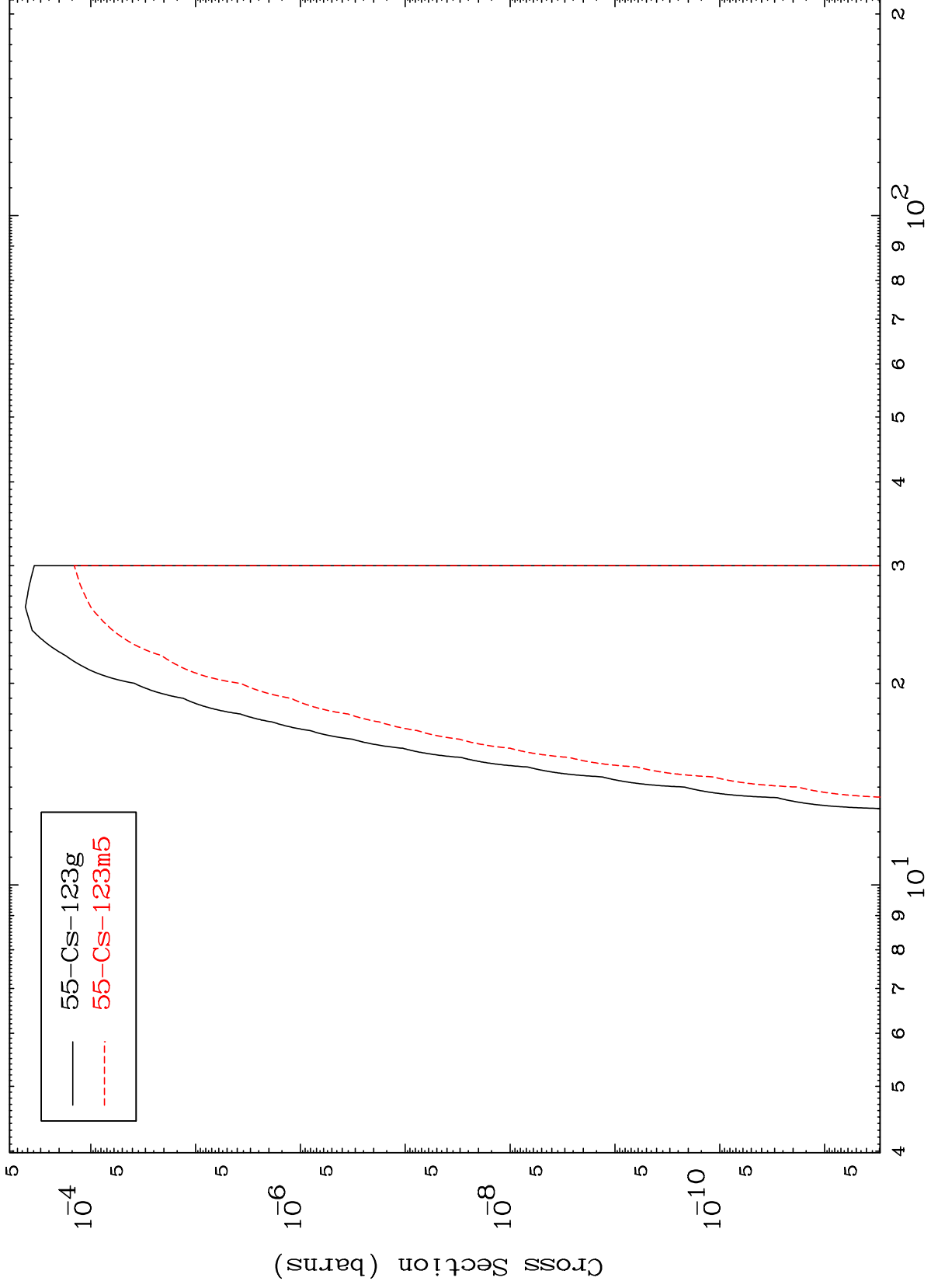
58-Ce-128

MAT 5801

(γ, p) α

58-Ce-128

Radionuclide Production Cross Section



19

Incident Energy (MeV)

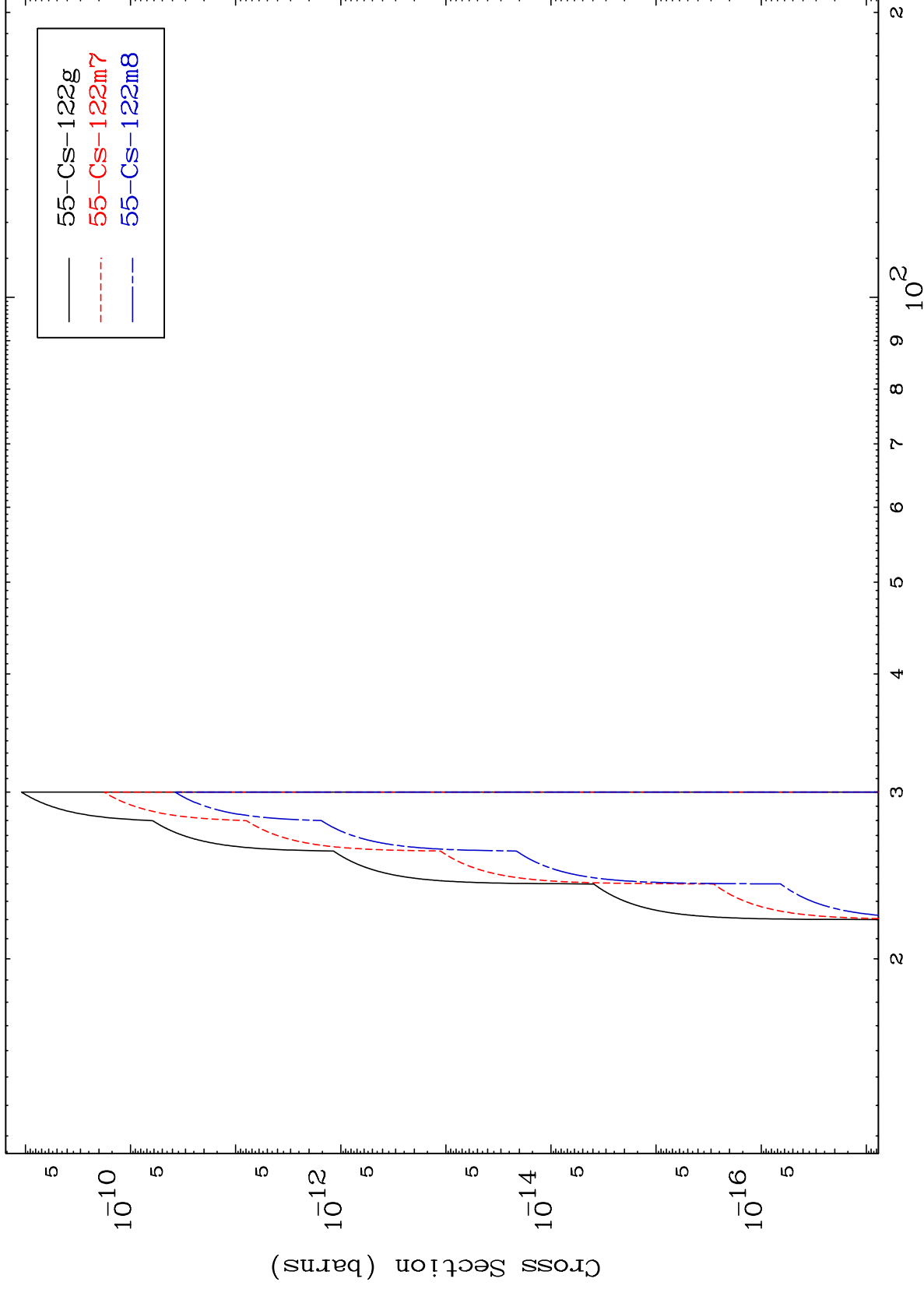
58-Ce-128

MAT 5801

(γ, d) α

58-Ce-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-128