

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

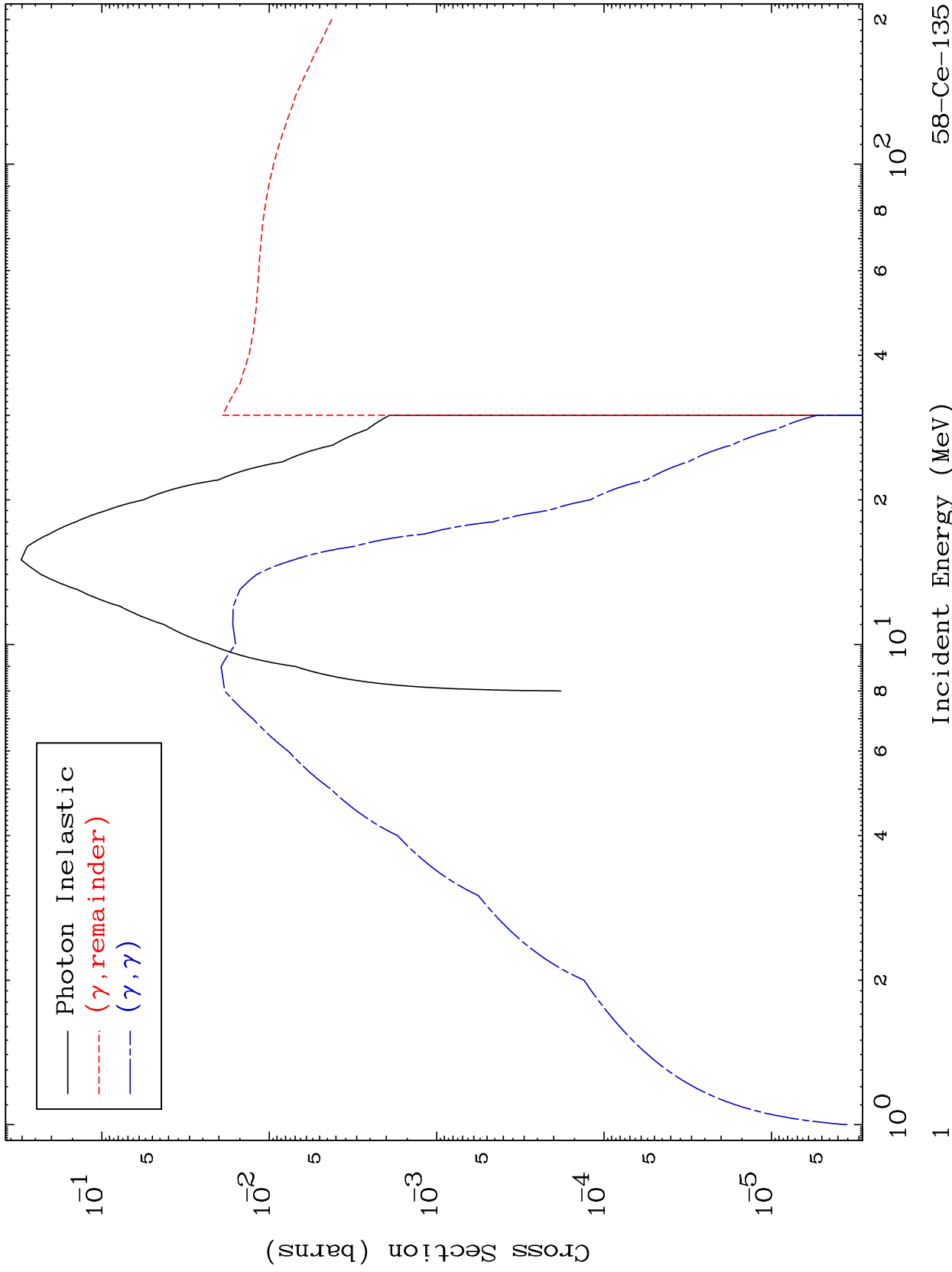
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

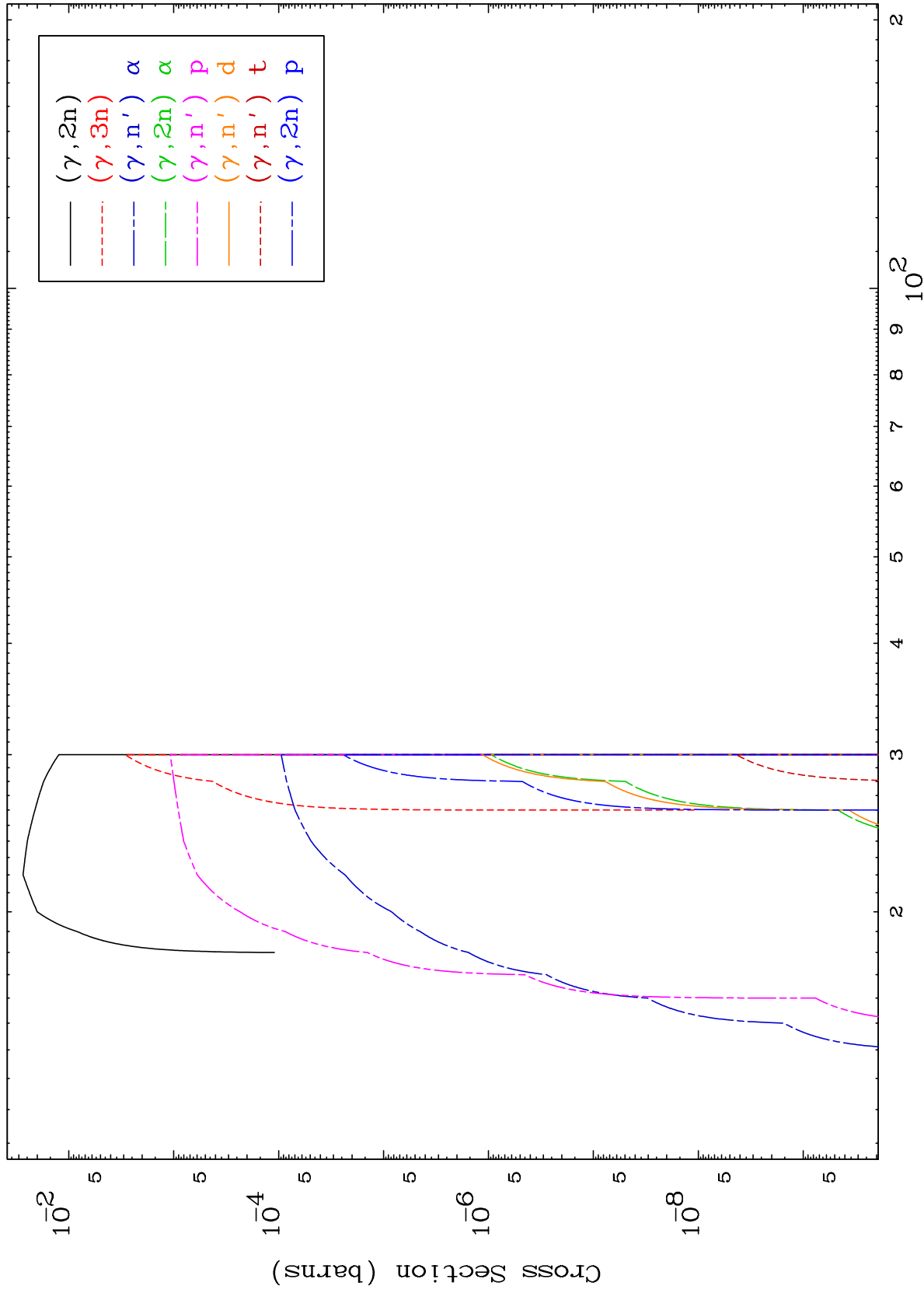
MAT 5823

Photon Major
0 Kelvin Cross Sections

58-Ce-135



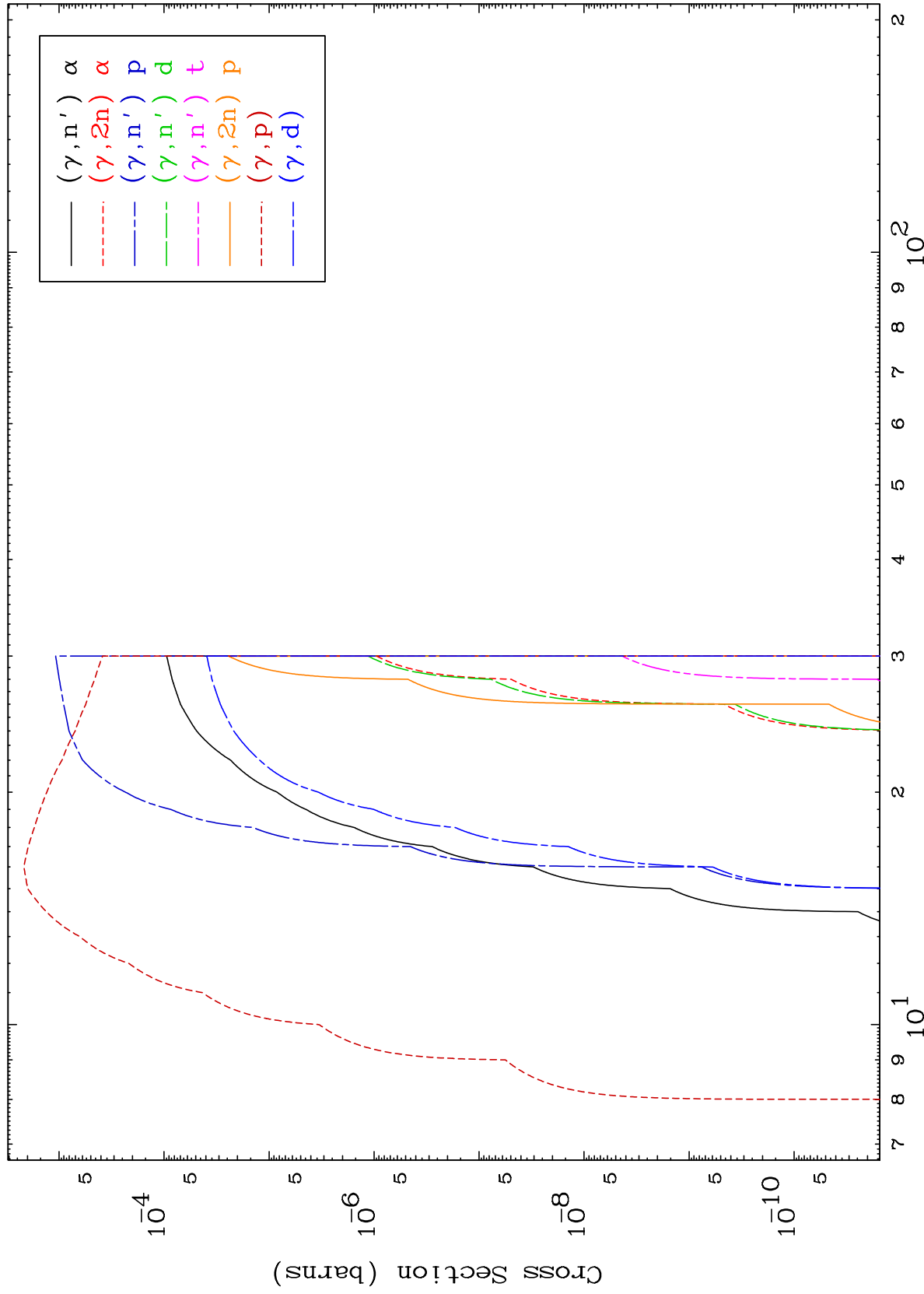
58-Ce-135



MAT 5823

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-135



3

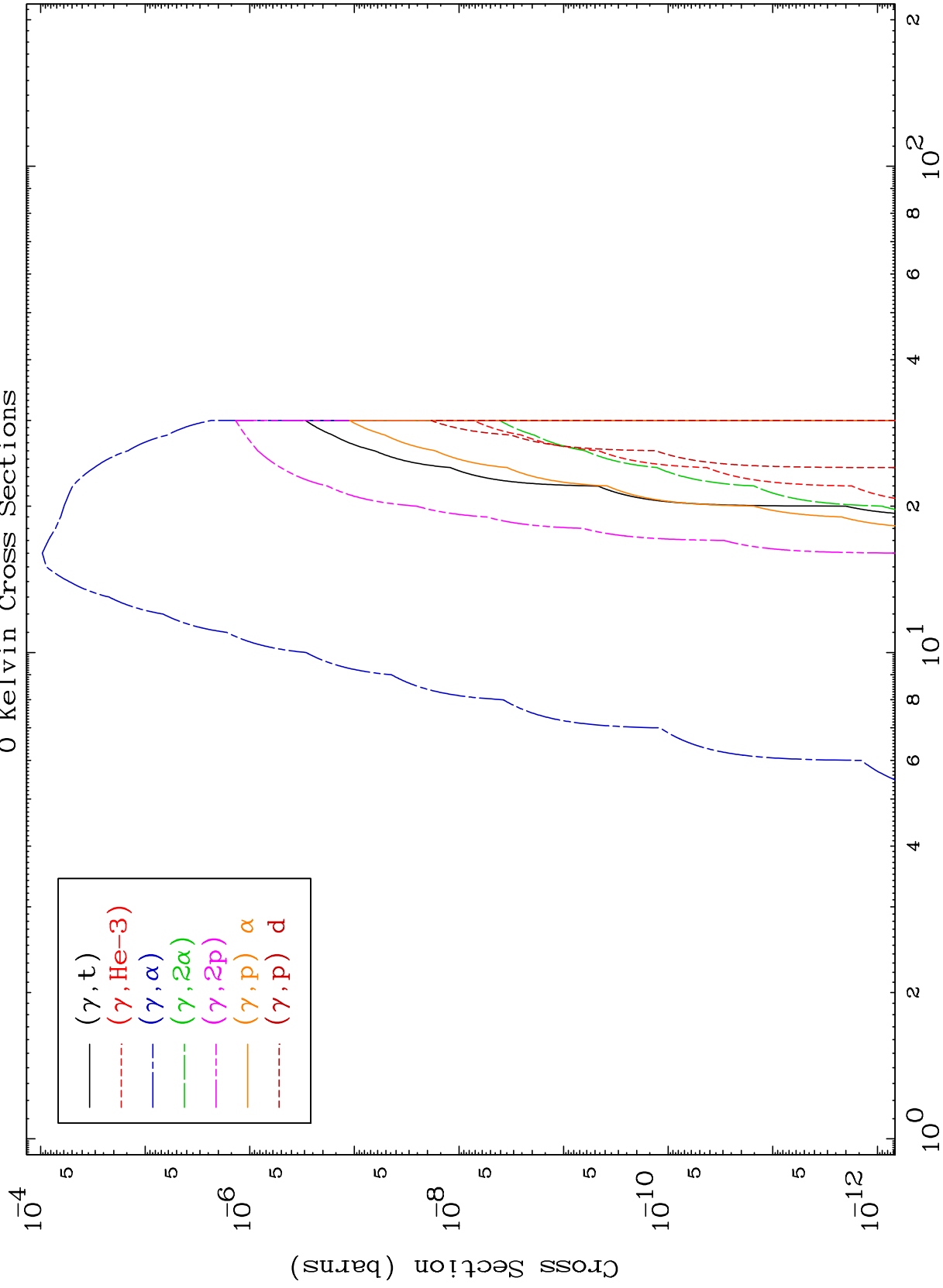
Incident Energy (MeV)

58-Ce-135

MAT 5823

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-135



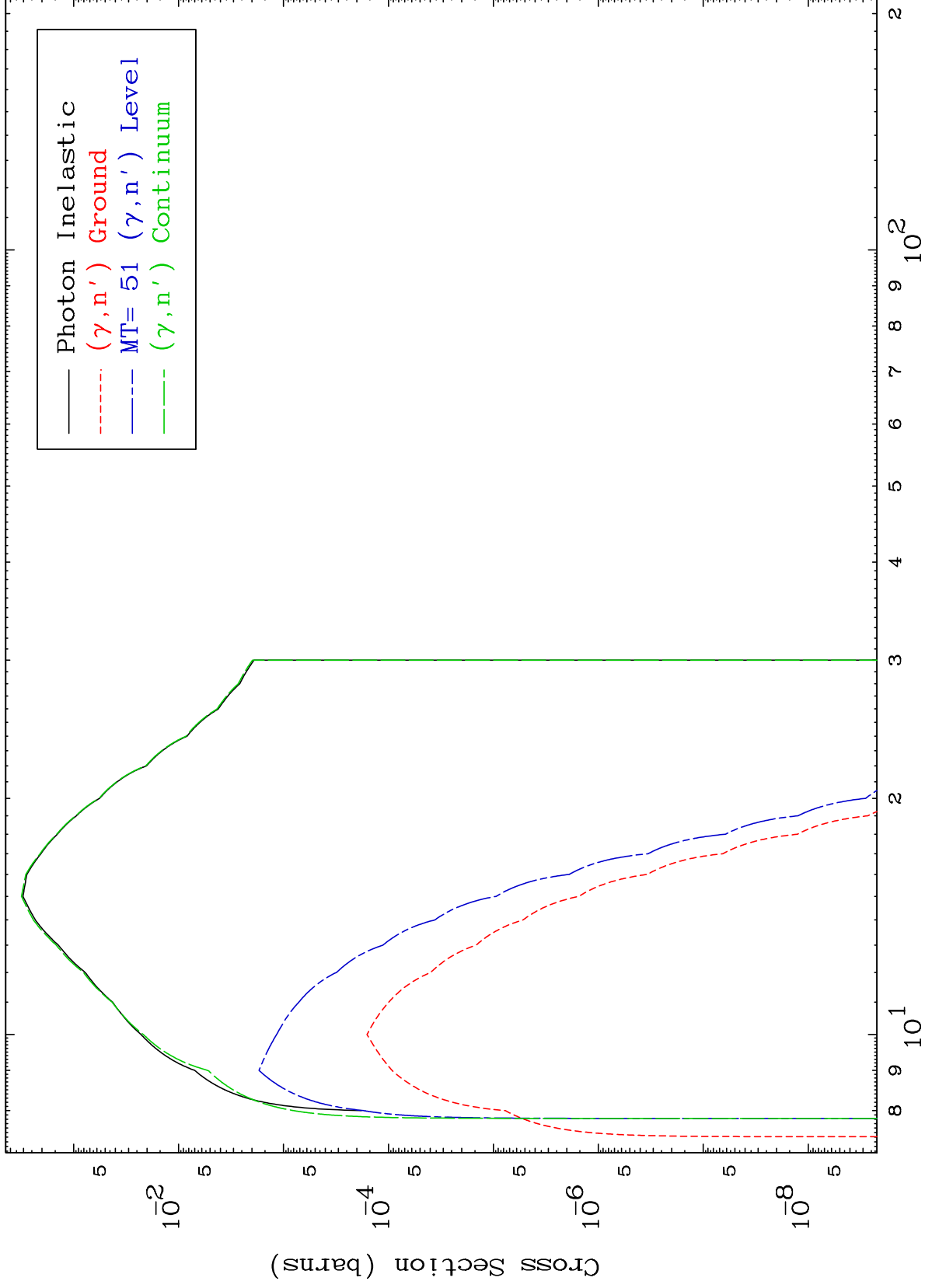
Incident Energy (MeV)

58-Ce-135

MAT 5823

(γ, n') Level
0 Kelvin Cross Sections

58-Ce-135



5

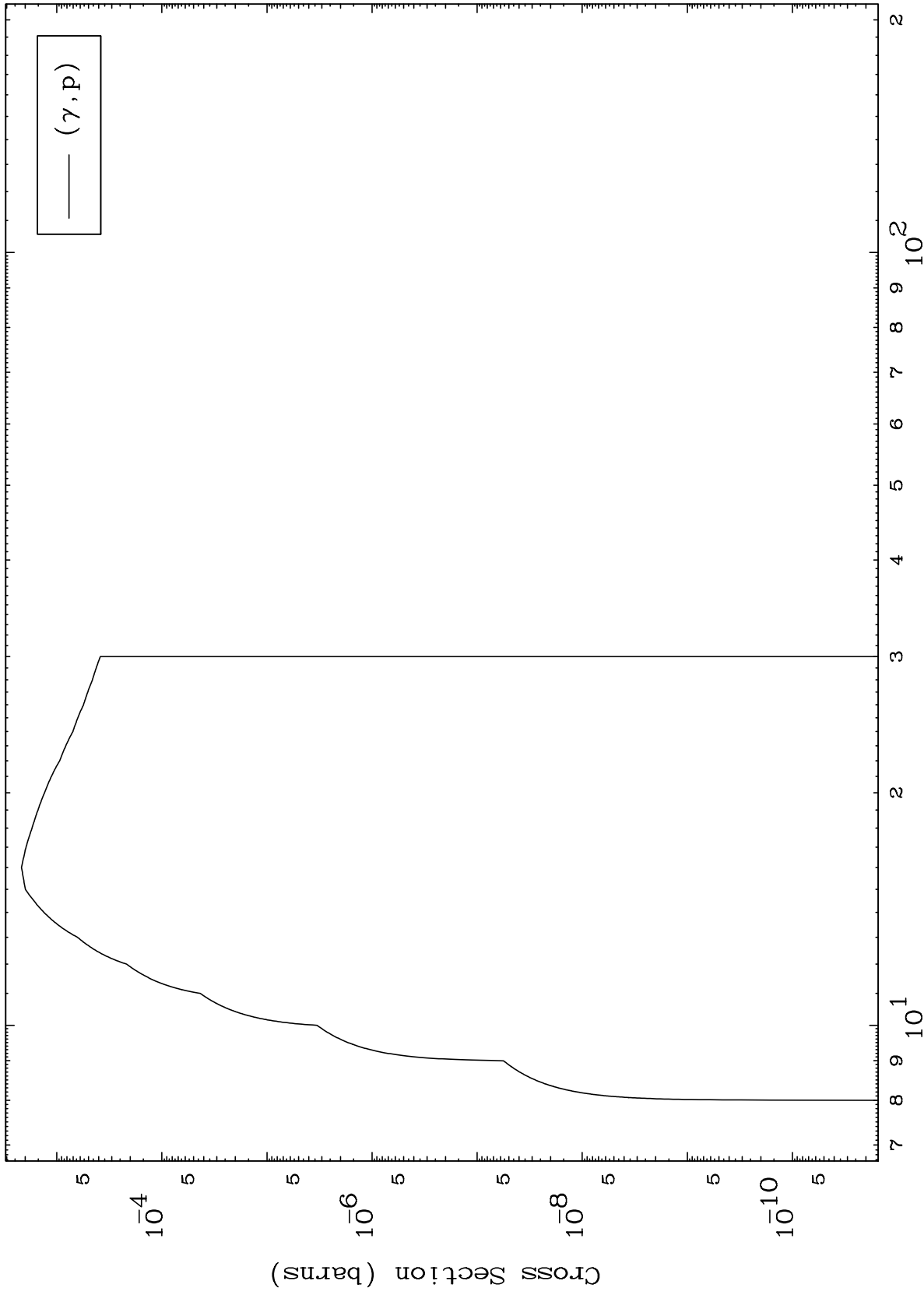
Incident Energy (MeV)

58-Ce-135

MAT 5823

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-135



6

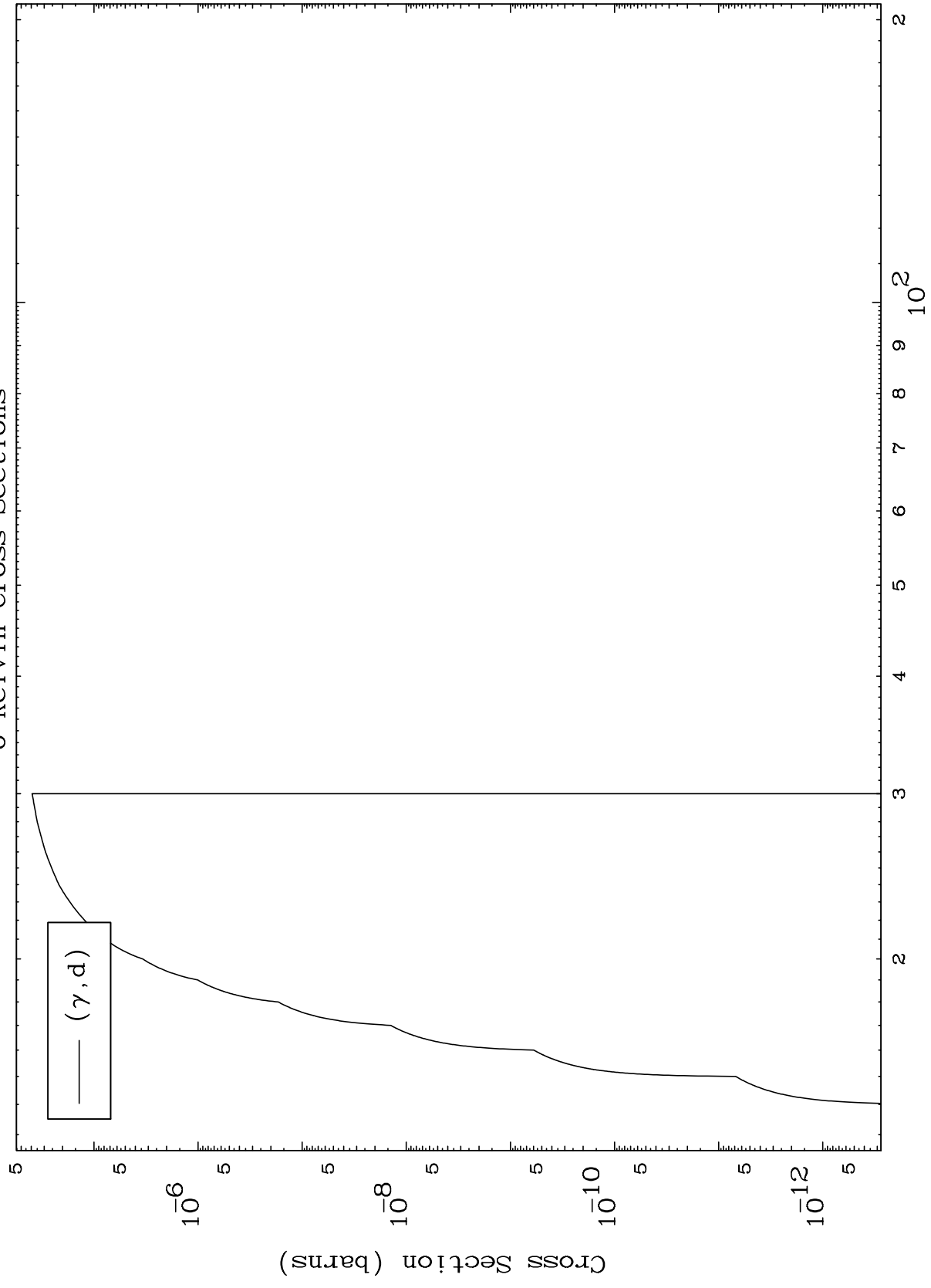
Incident Energy (MeV)

58-Ce-135

MAT 5823

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-135



7

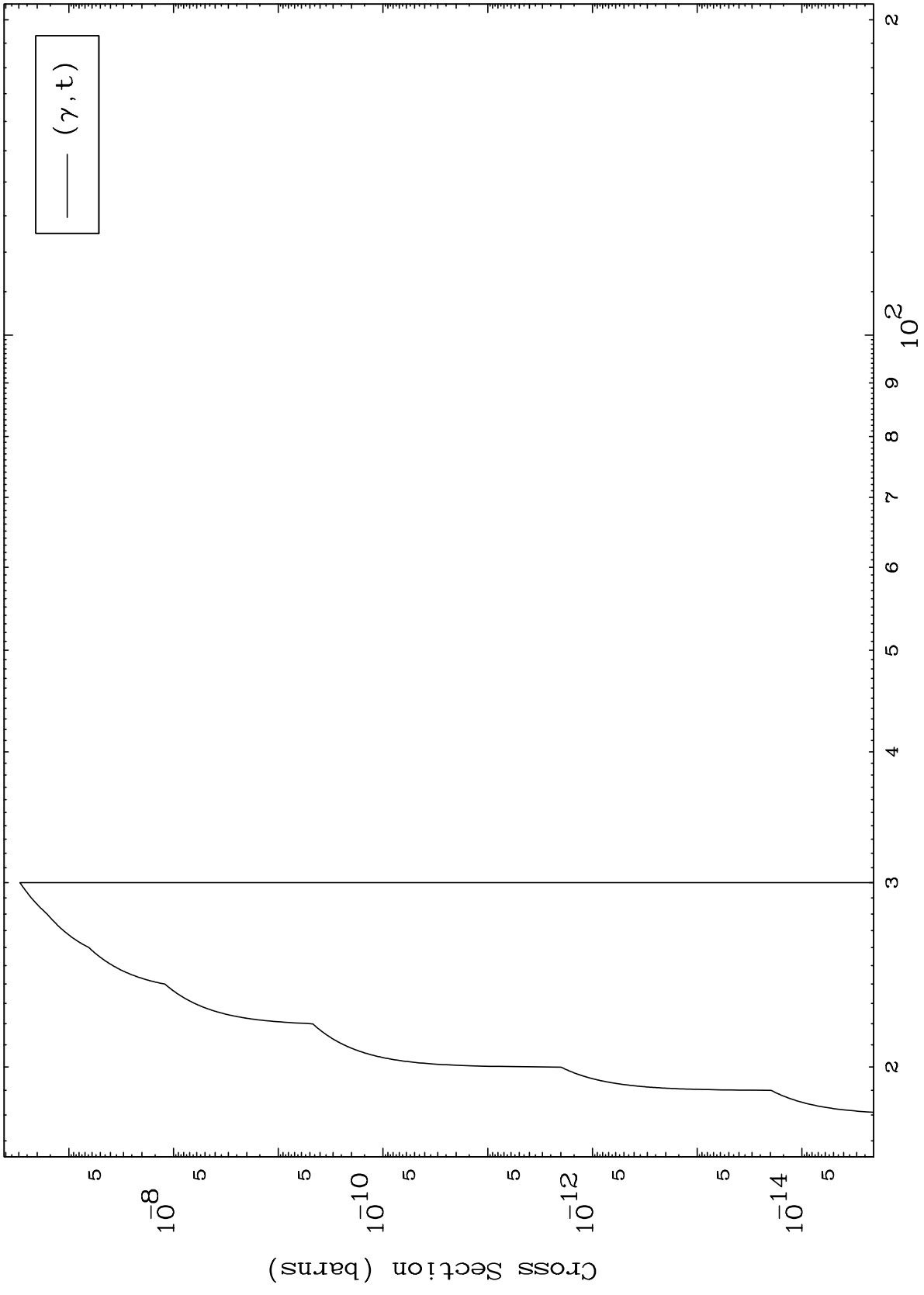
Incident Energy (MeV)

58-Ce-135

MAT 5823

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-135



8

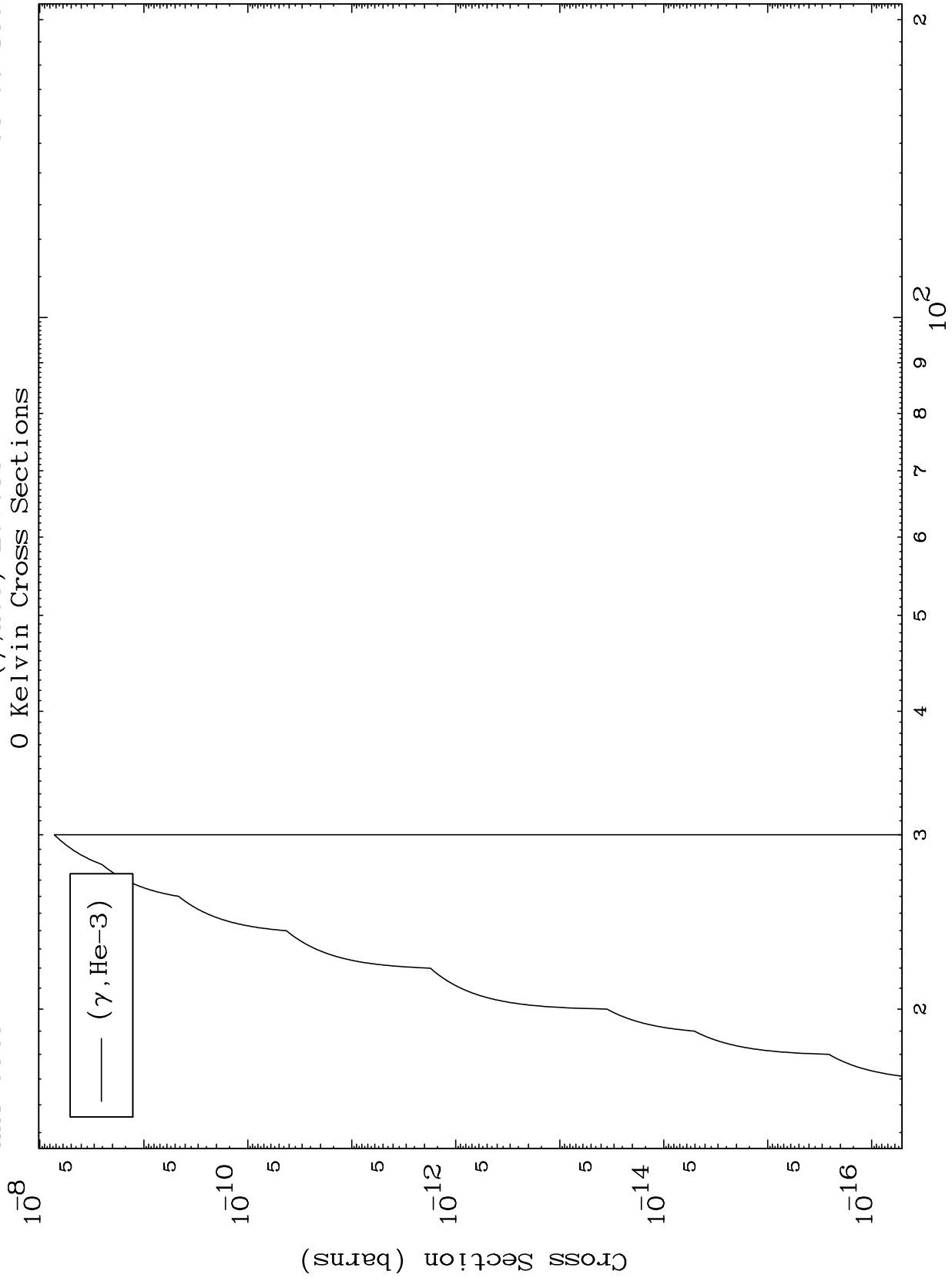
Incident Energy (MeV)

58-Ce-135

MAT 5823

(γ ,He3) Levels
0 Kelvin Cross Sections

58-Ce-135



9

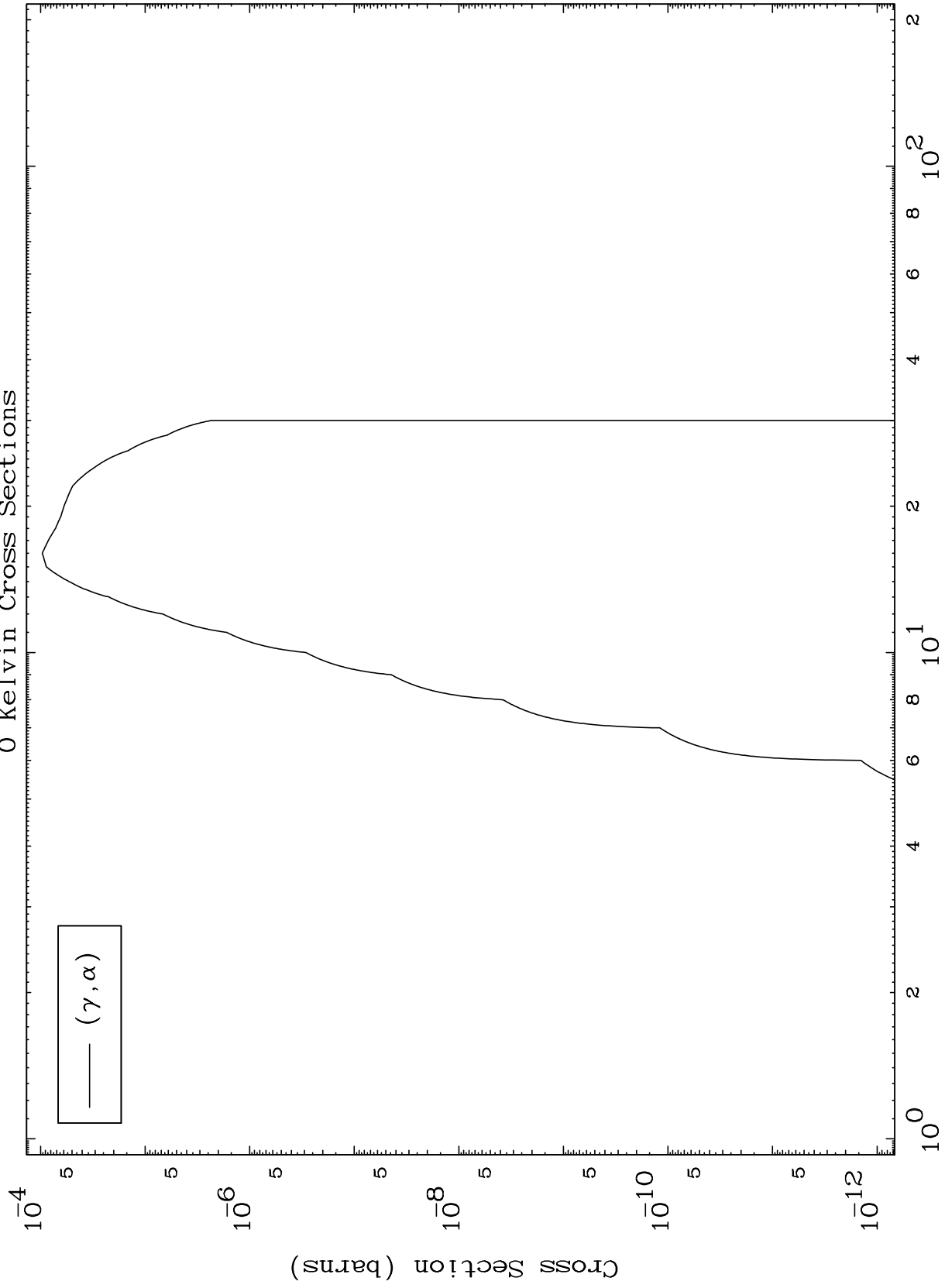
Incident Energy (MeV)

58-Ce-135

MAT 5823

(γ, α) Levels
0 Kelvin Cross Sections

58-Ce-135



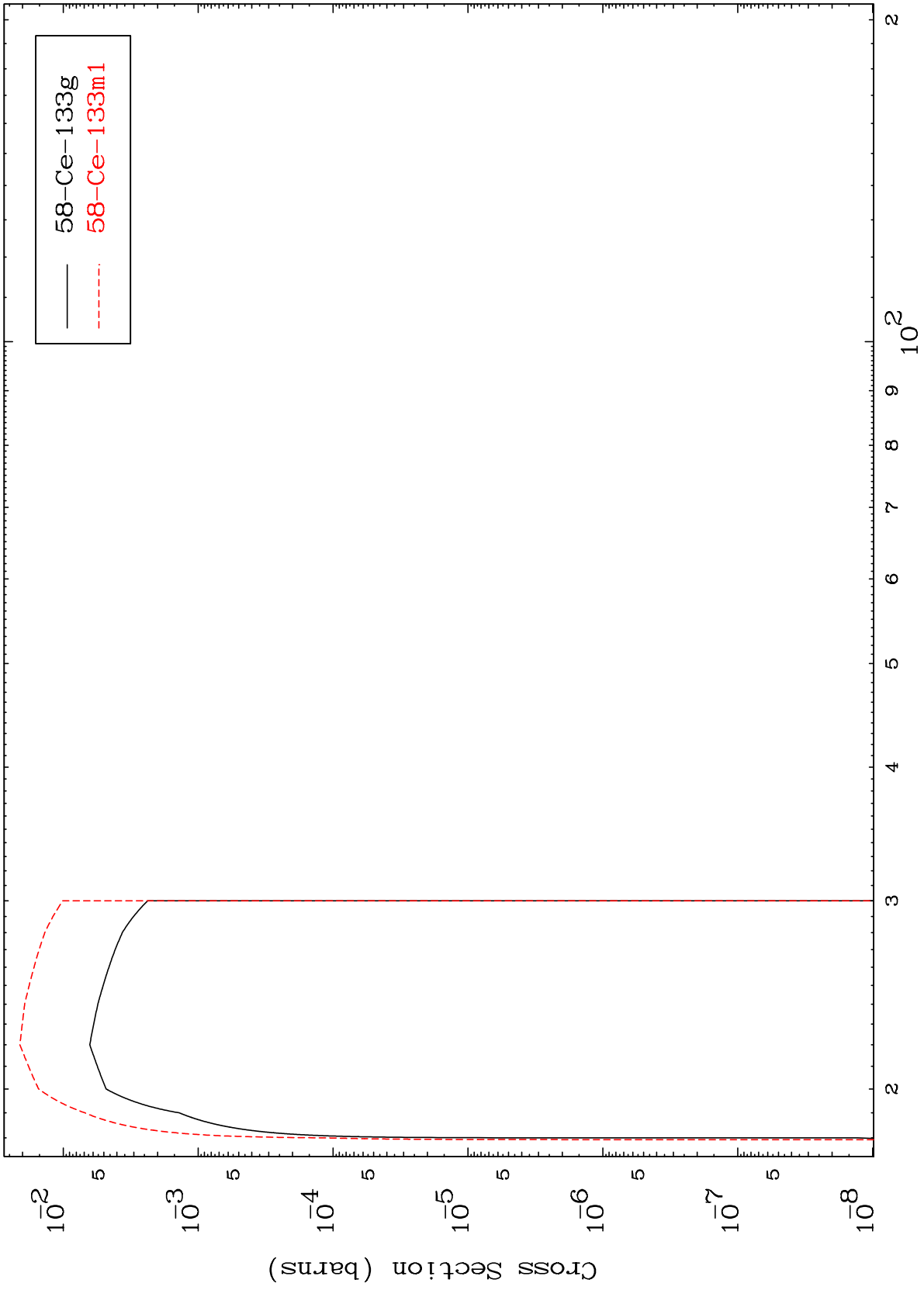
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

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



11

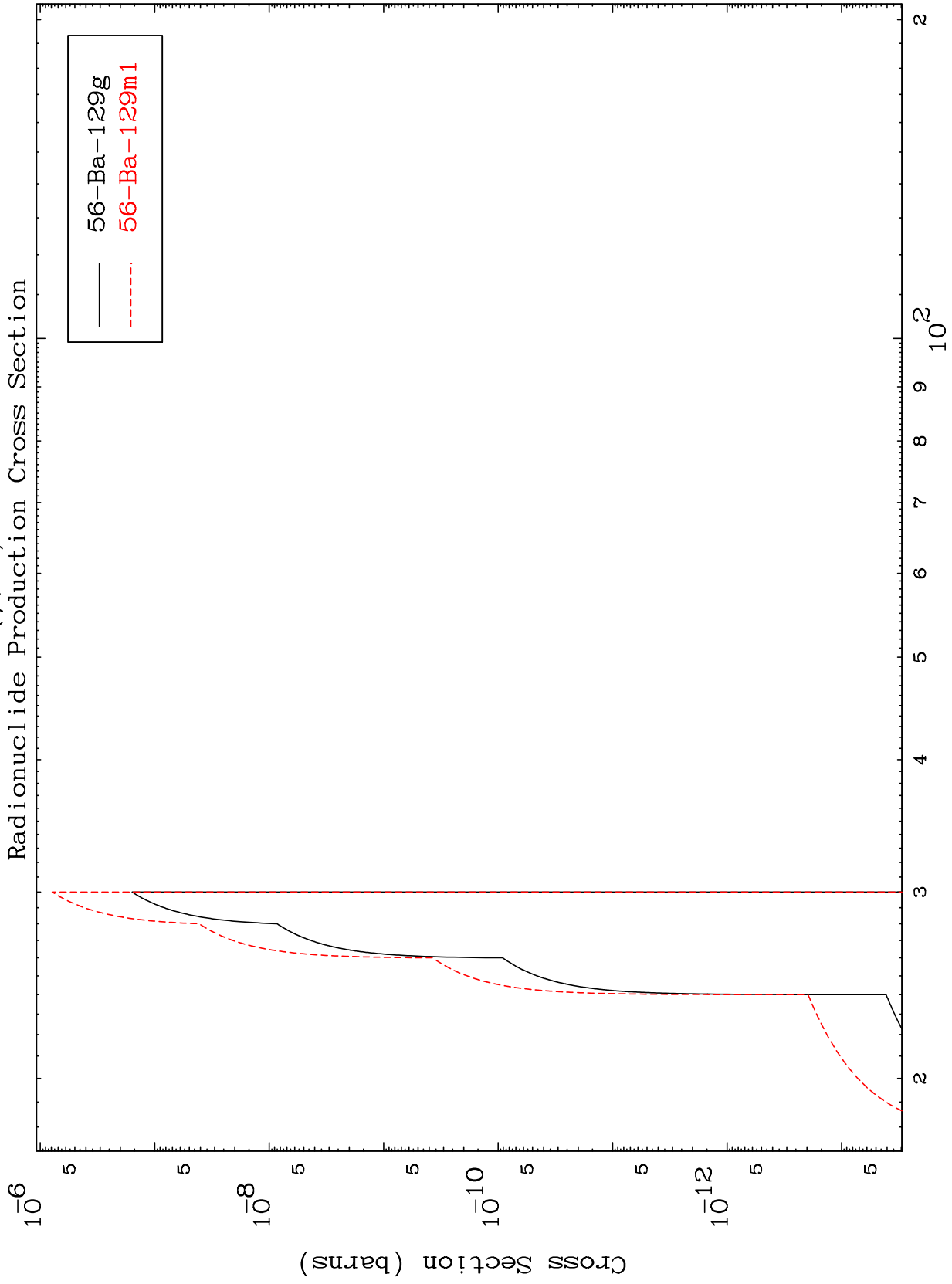
Incident Energy (MeV)

58-Ce-135

MAT 5823

$(\gamma, 2n) \alpha$

58-Ce-135



12

Incident Energy (MeV)

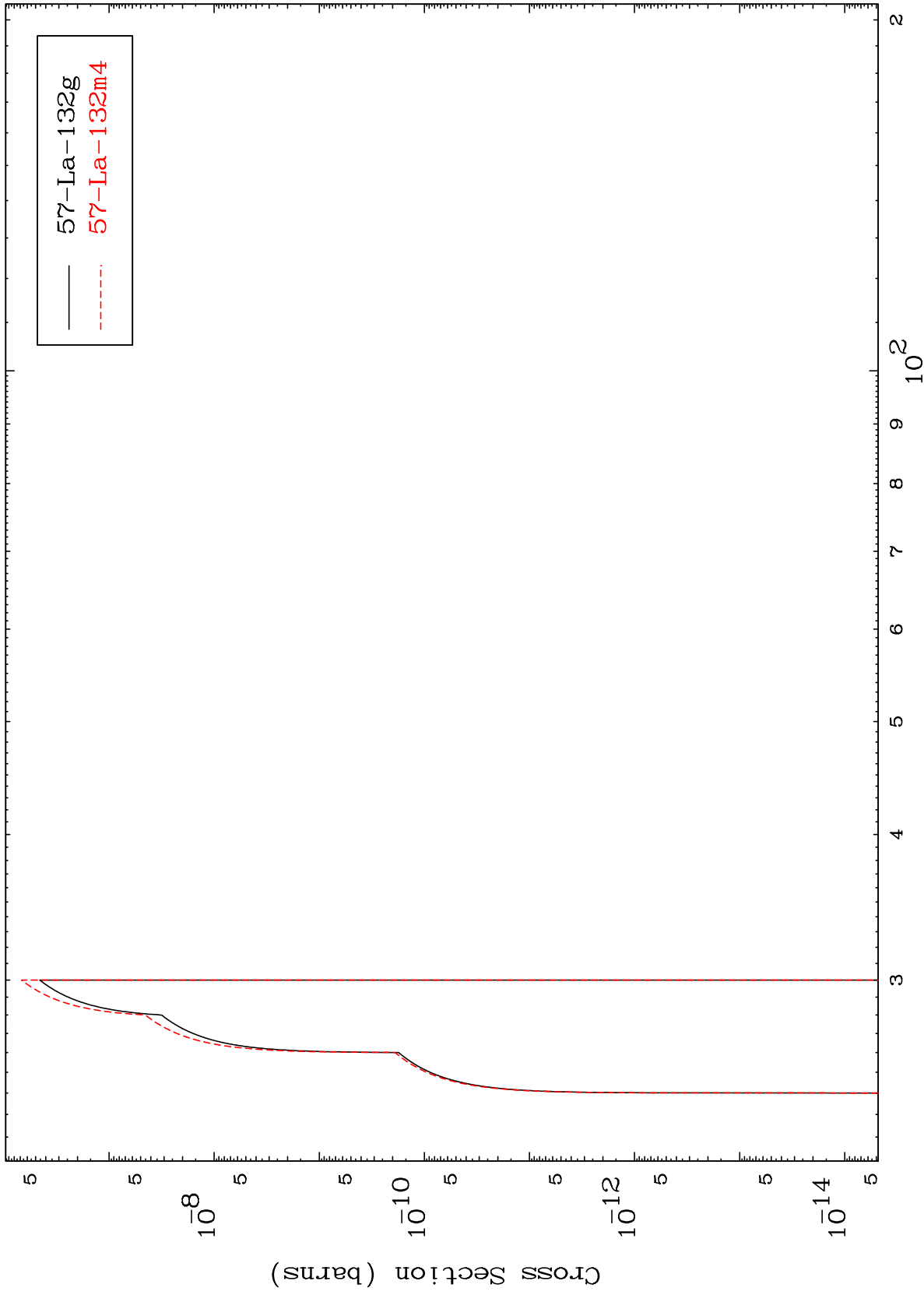
58-Ce-135

MAT 5823

(γ, n') d

58-Ce-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

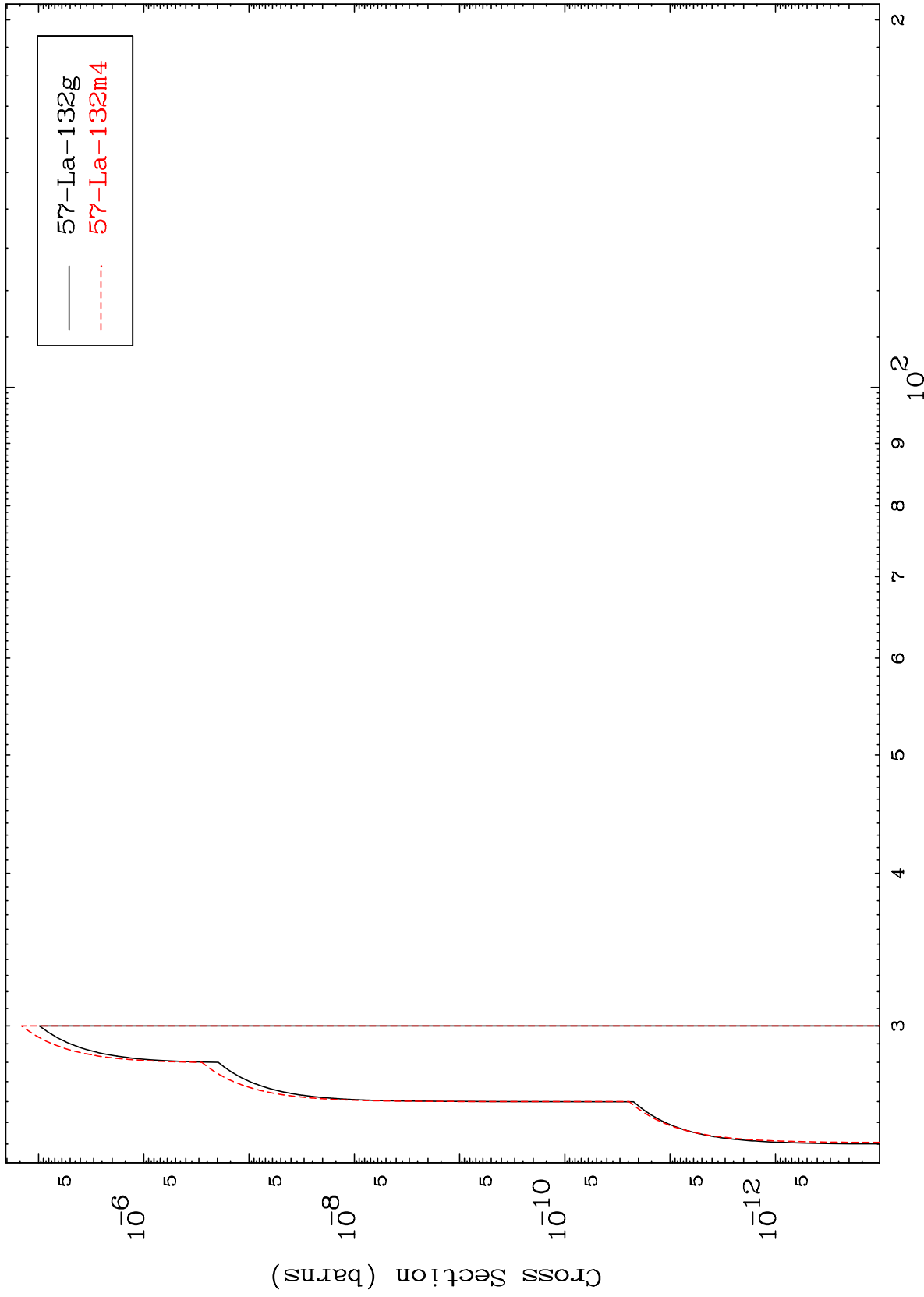
58-Ce-135

MAT 5823

($\gamma, 2n$) p

58-Ce-135

Radionuclide Production Cross Section



14

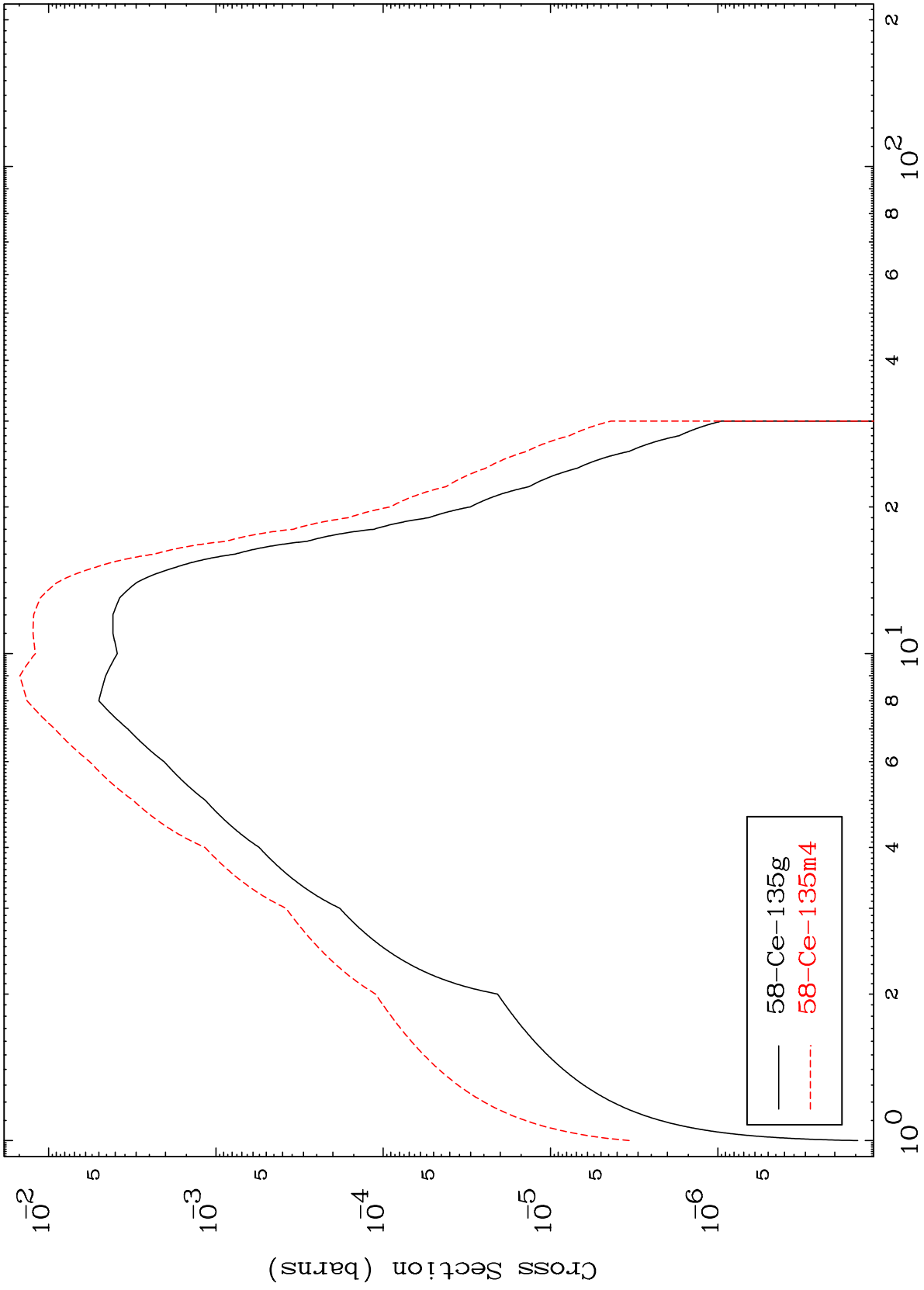
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

Radionuclide Production Cross Section
(γ, γ)



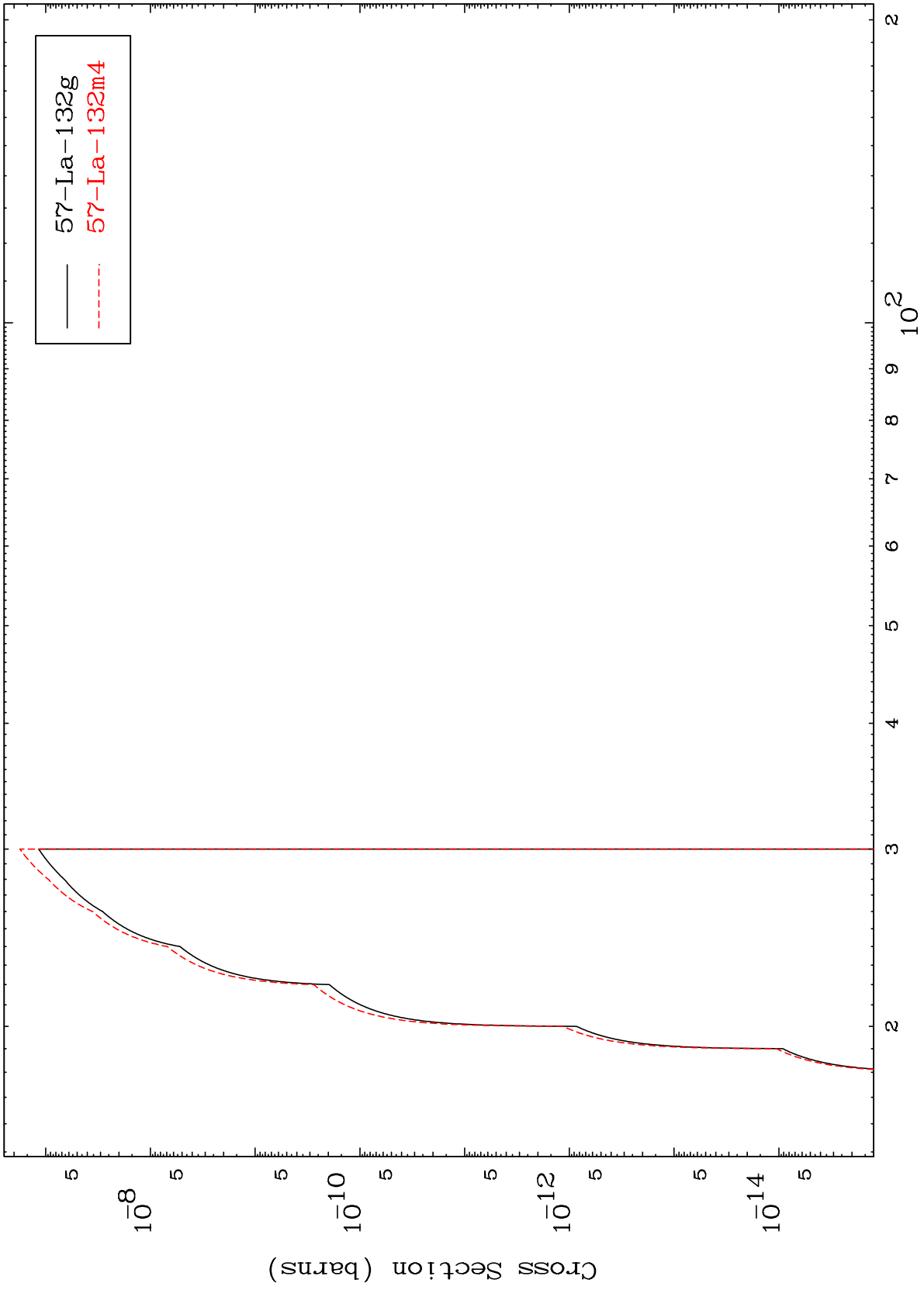
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

(γ, t)
Radionuclide Production Cross Section



16

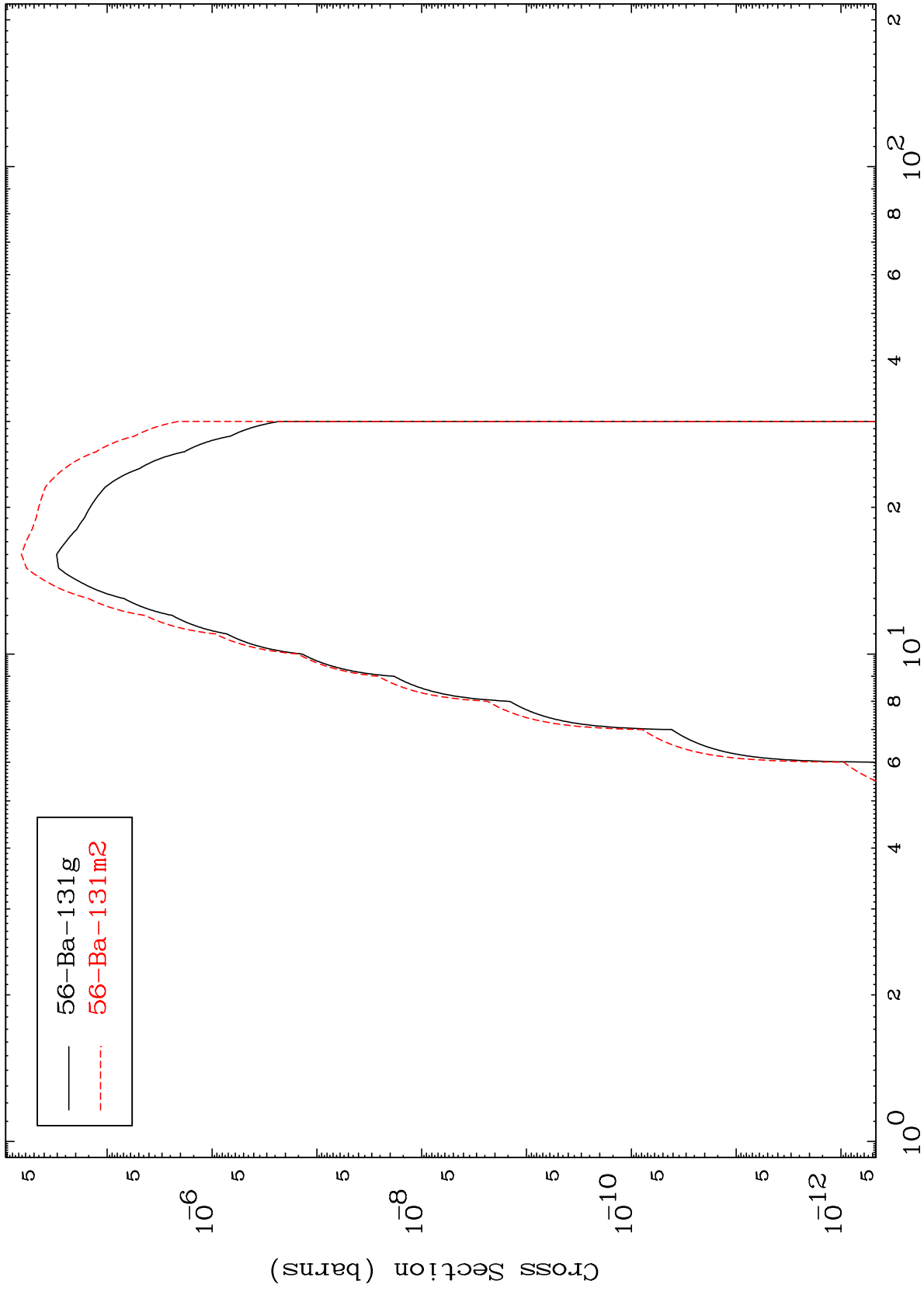
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

(γ, α)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

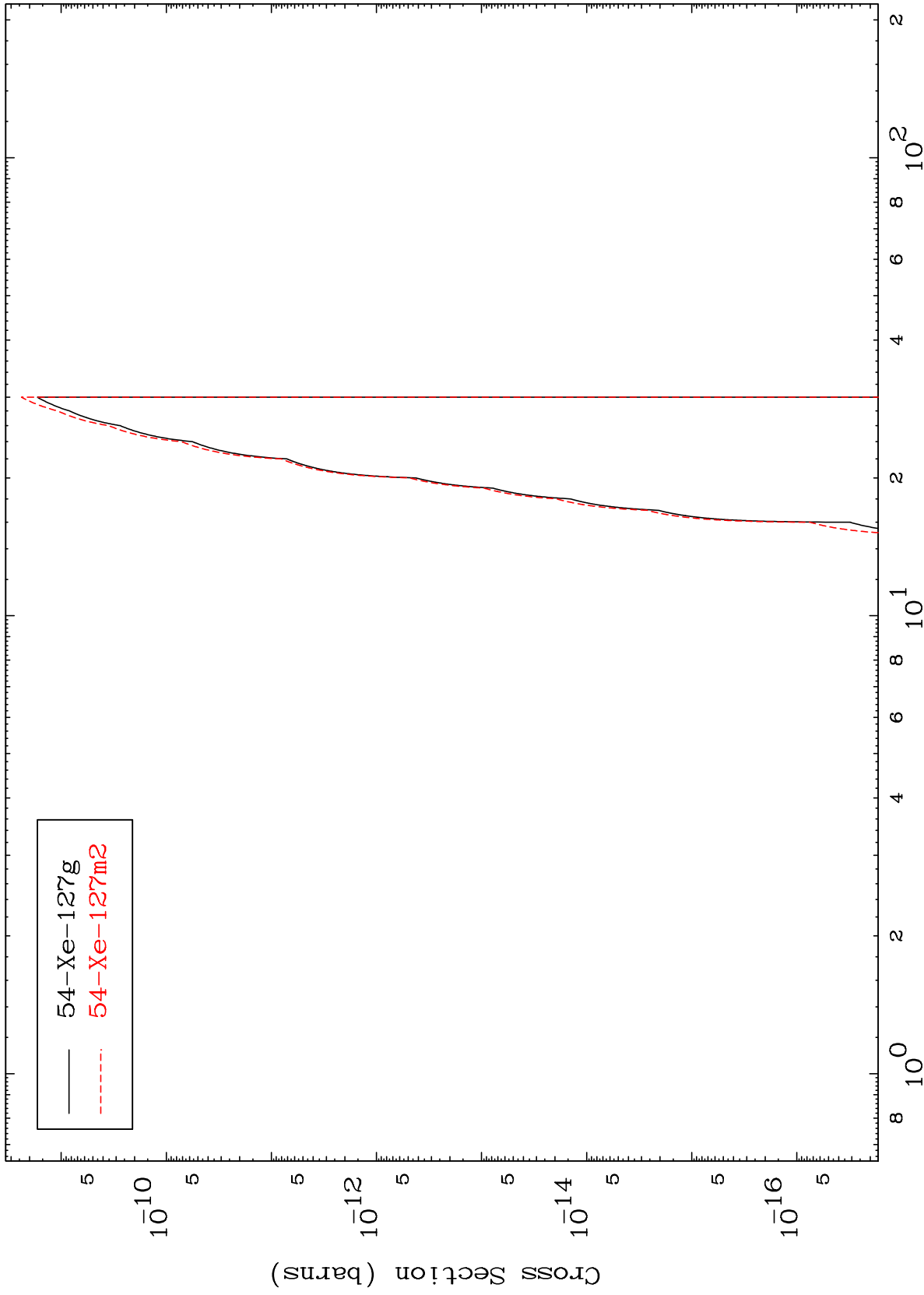
58-Ce-135

MAT 5823

($\gamma, 2\alpha$)

58-Ce-135

Radionuclide Production Cross Section



18

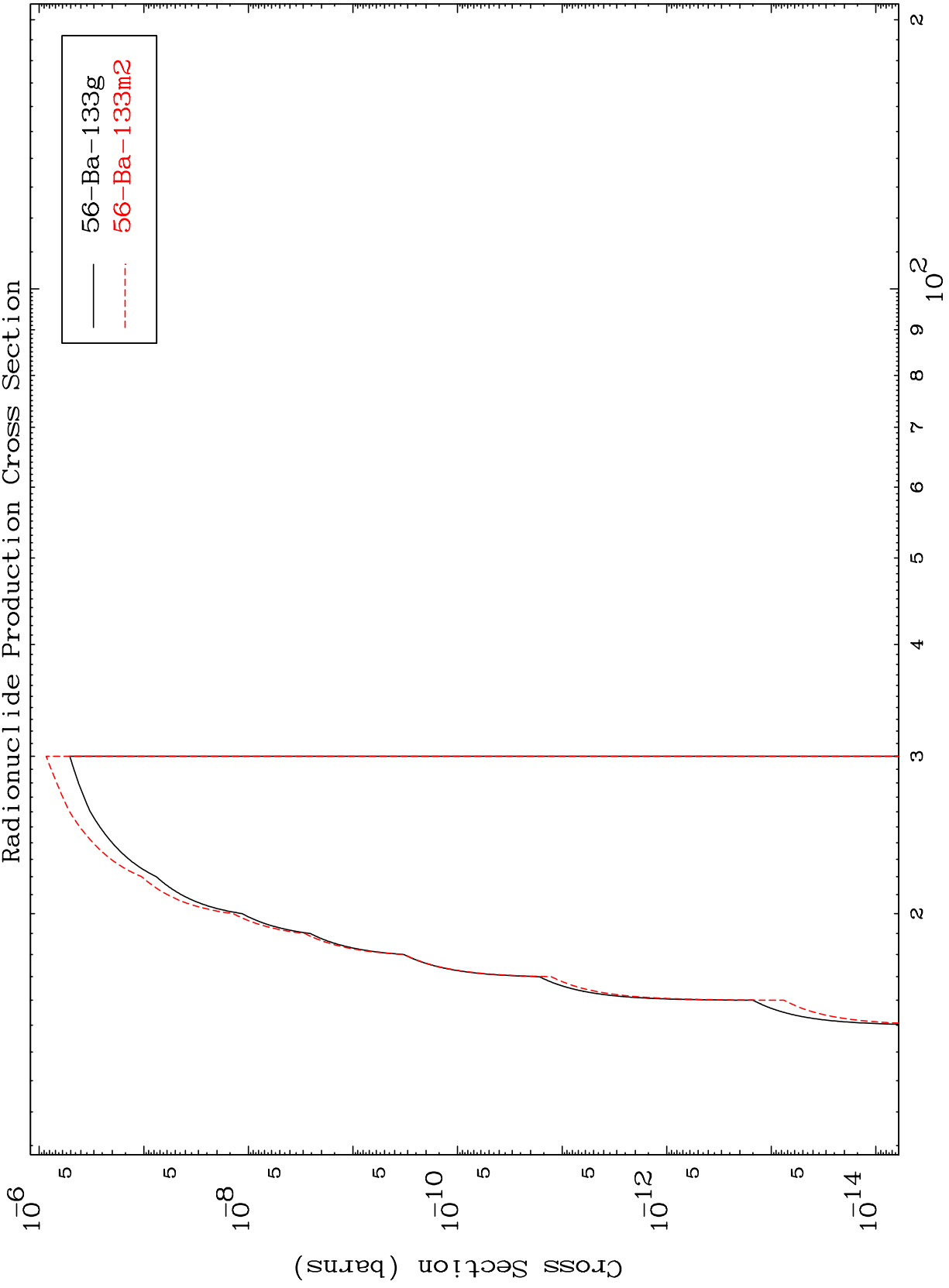
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

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



19

Incident Energy (MeV)

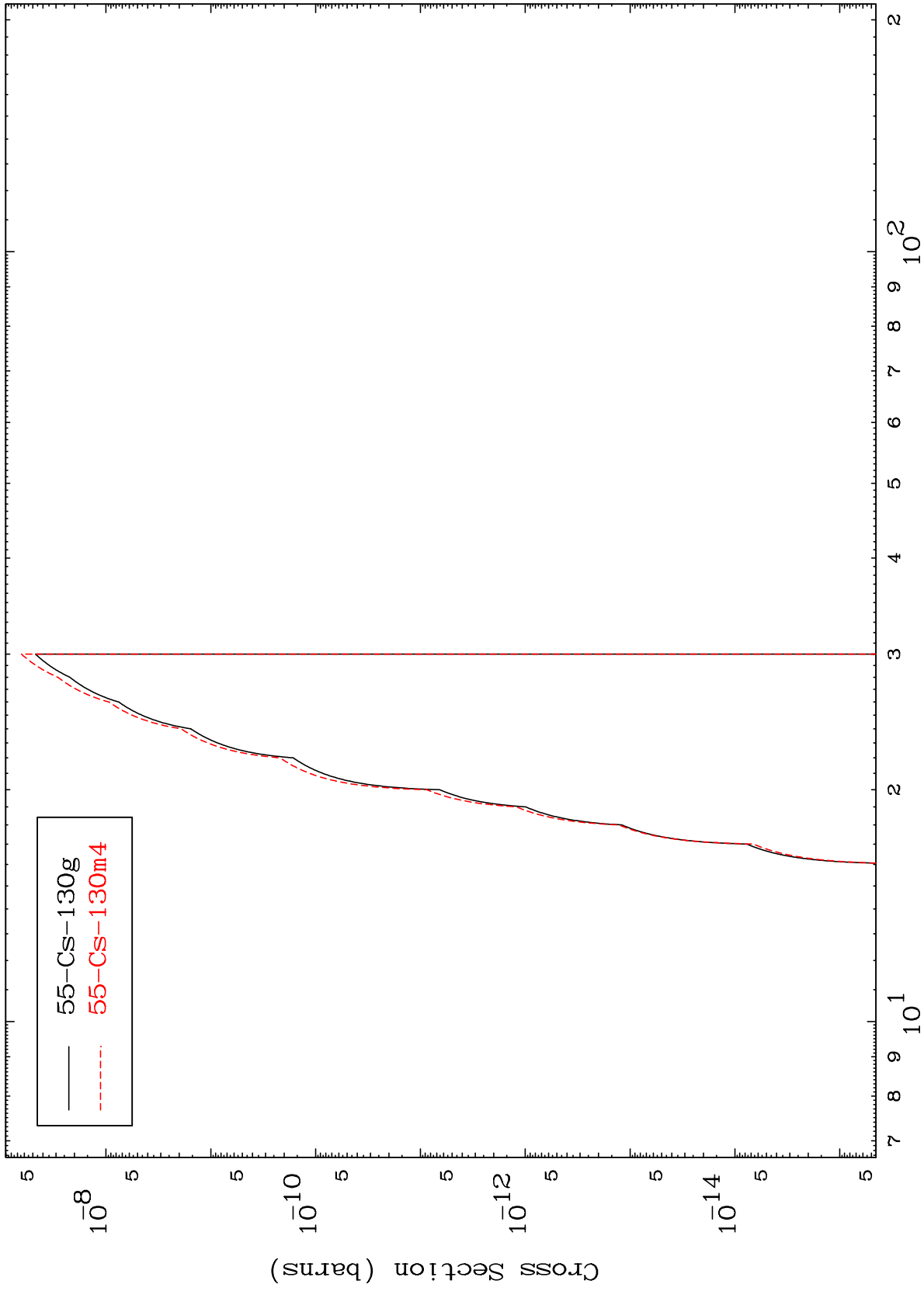
58-Ce-135

MAT 5823

(γ, p) α

58-Ce-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-135