

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

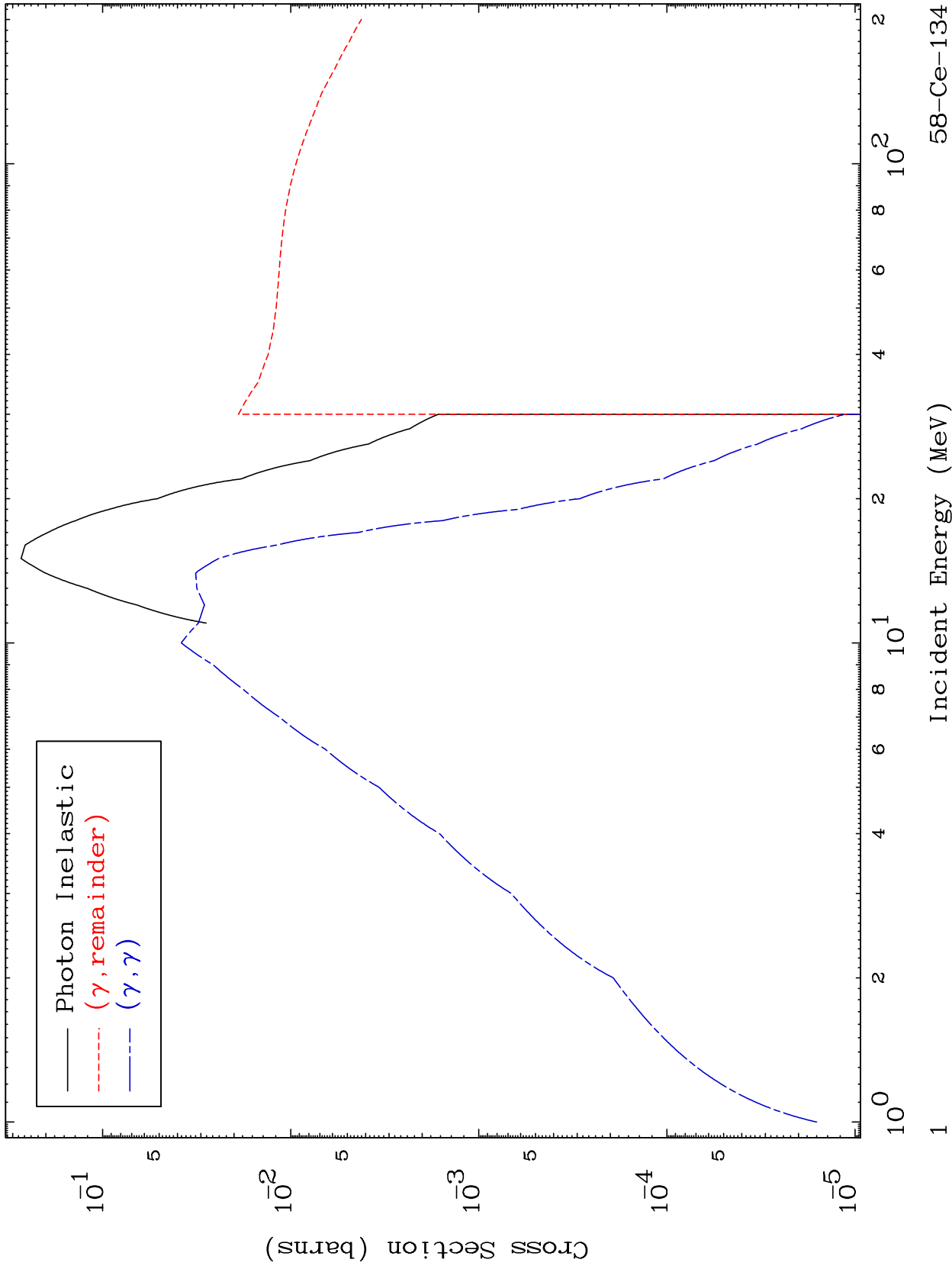
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

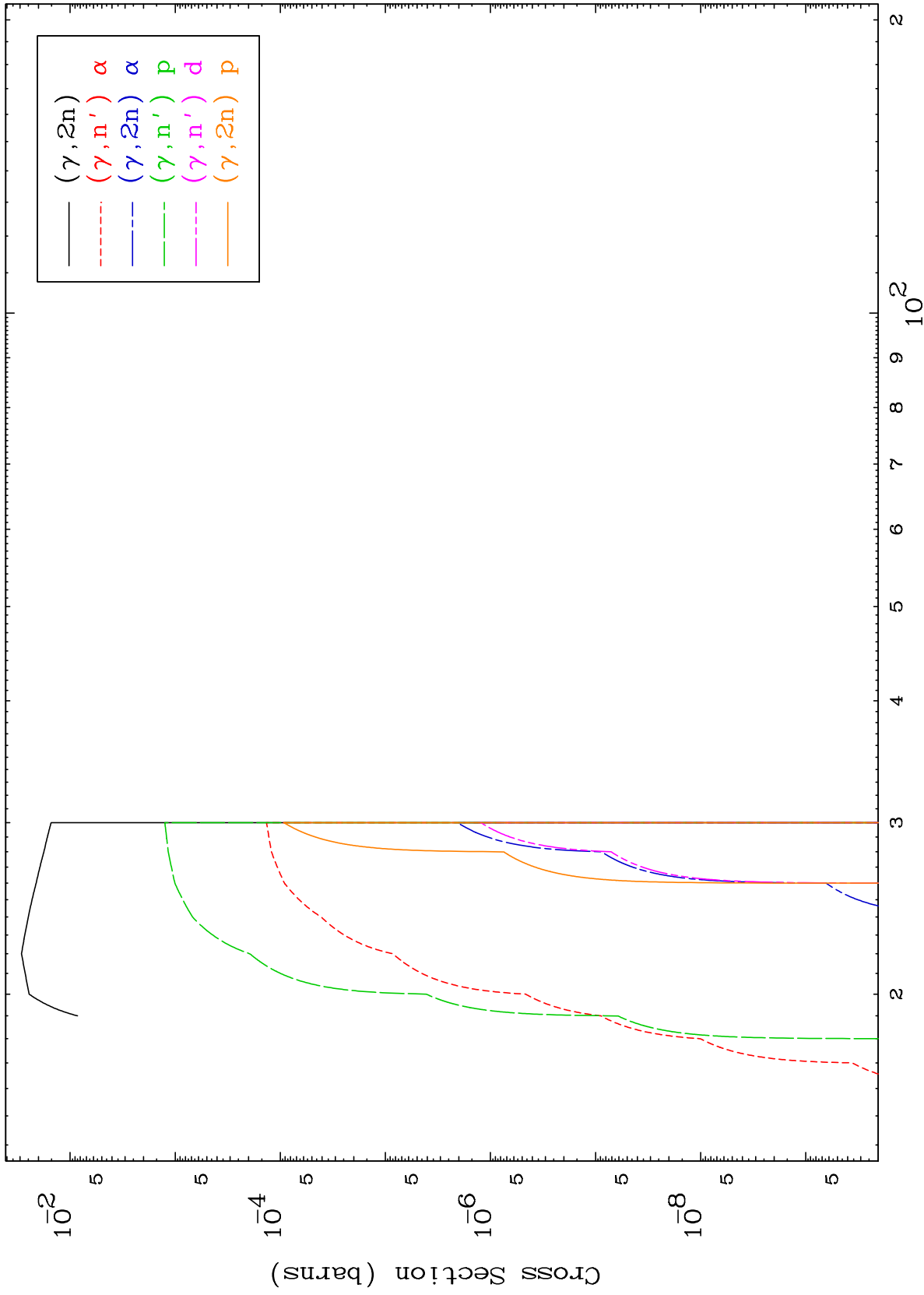
Press Mouse Button to Start

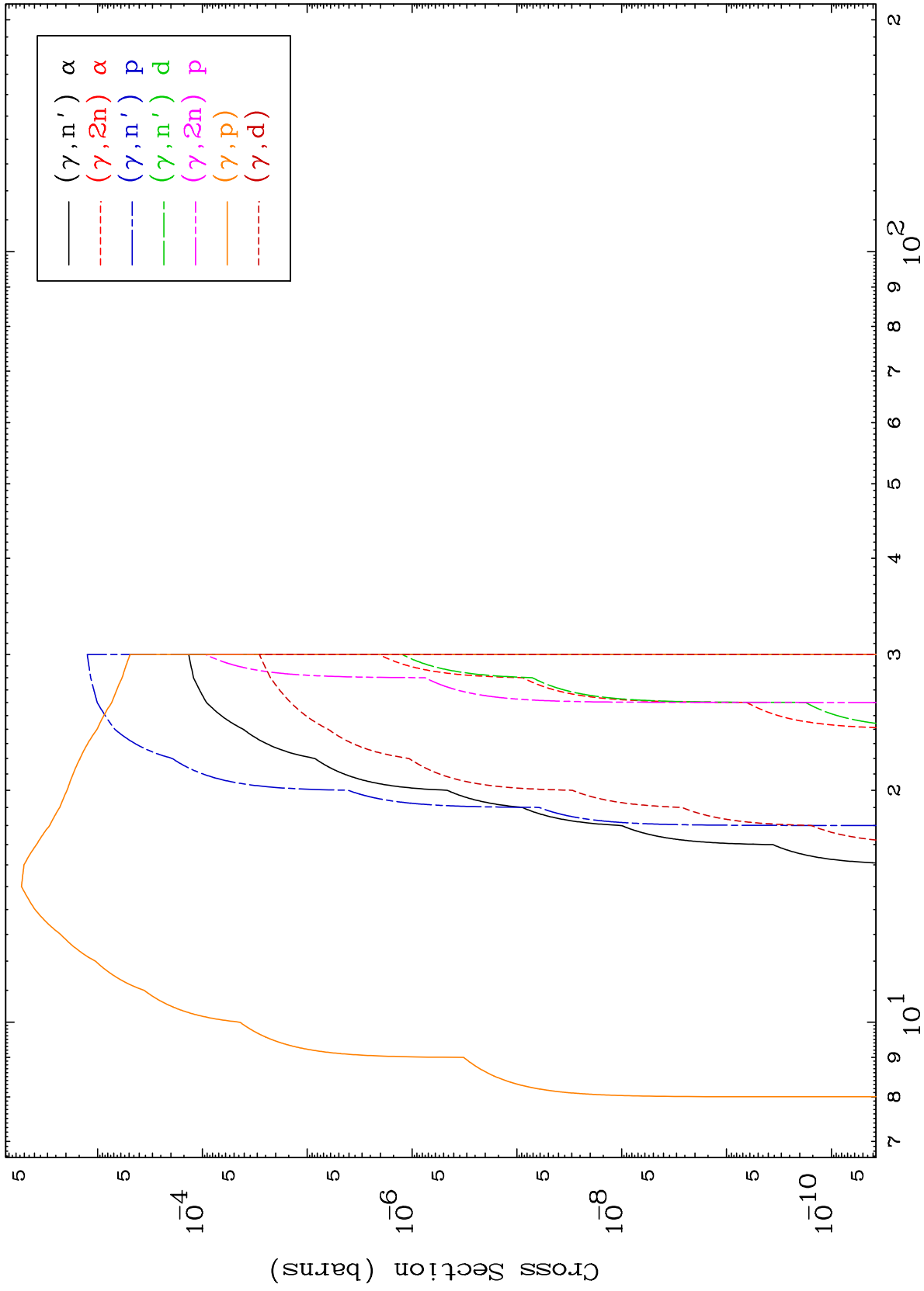
MAT 5819

Photon Major
0 Kelvin Cross Sections

58-Ce-134



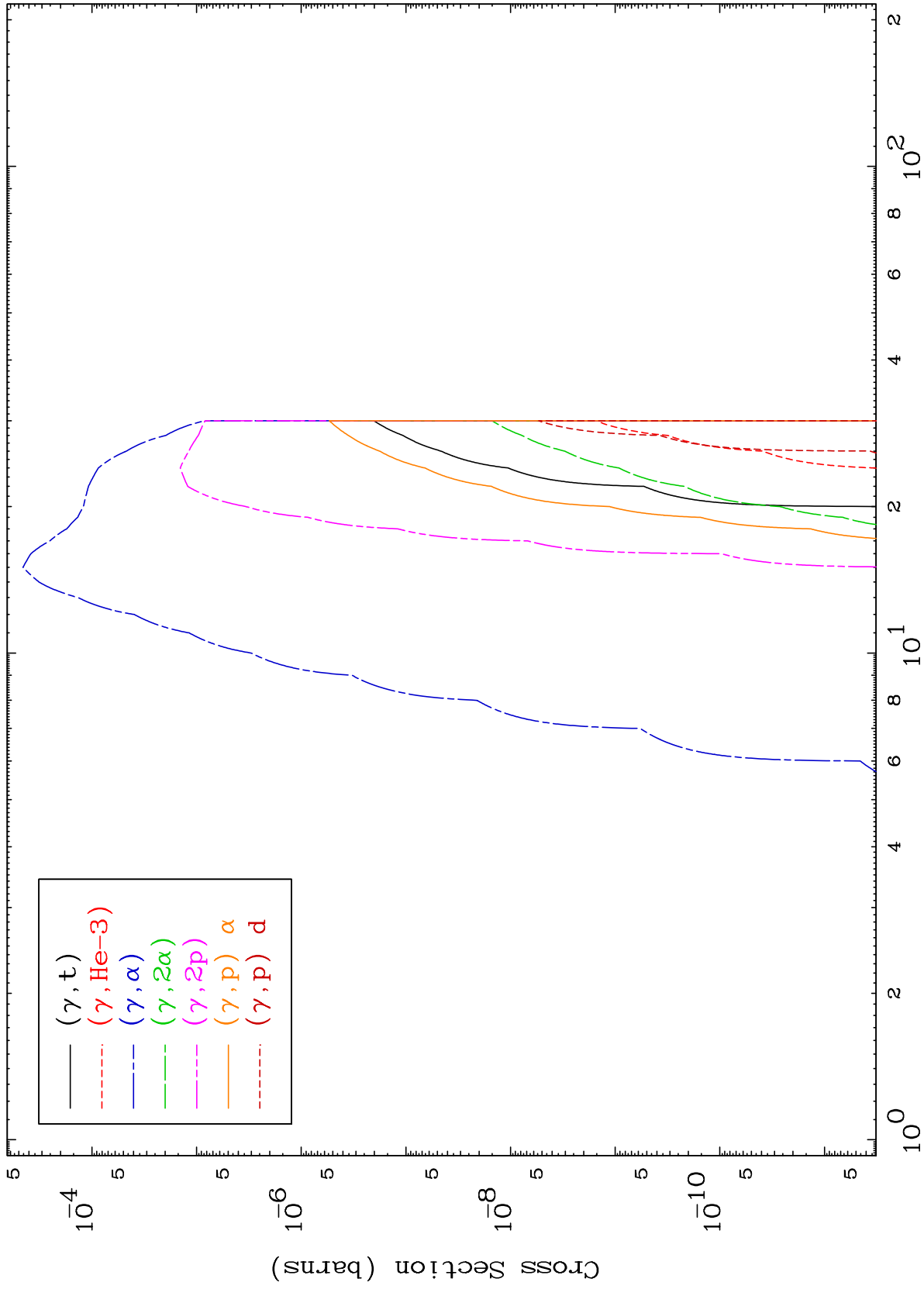




MAT 5819

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-134



58-Ce-134

Incident Energy (MeV)

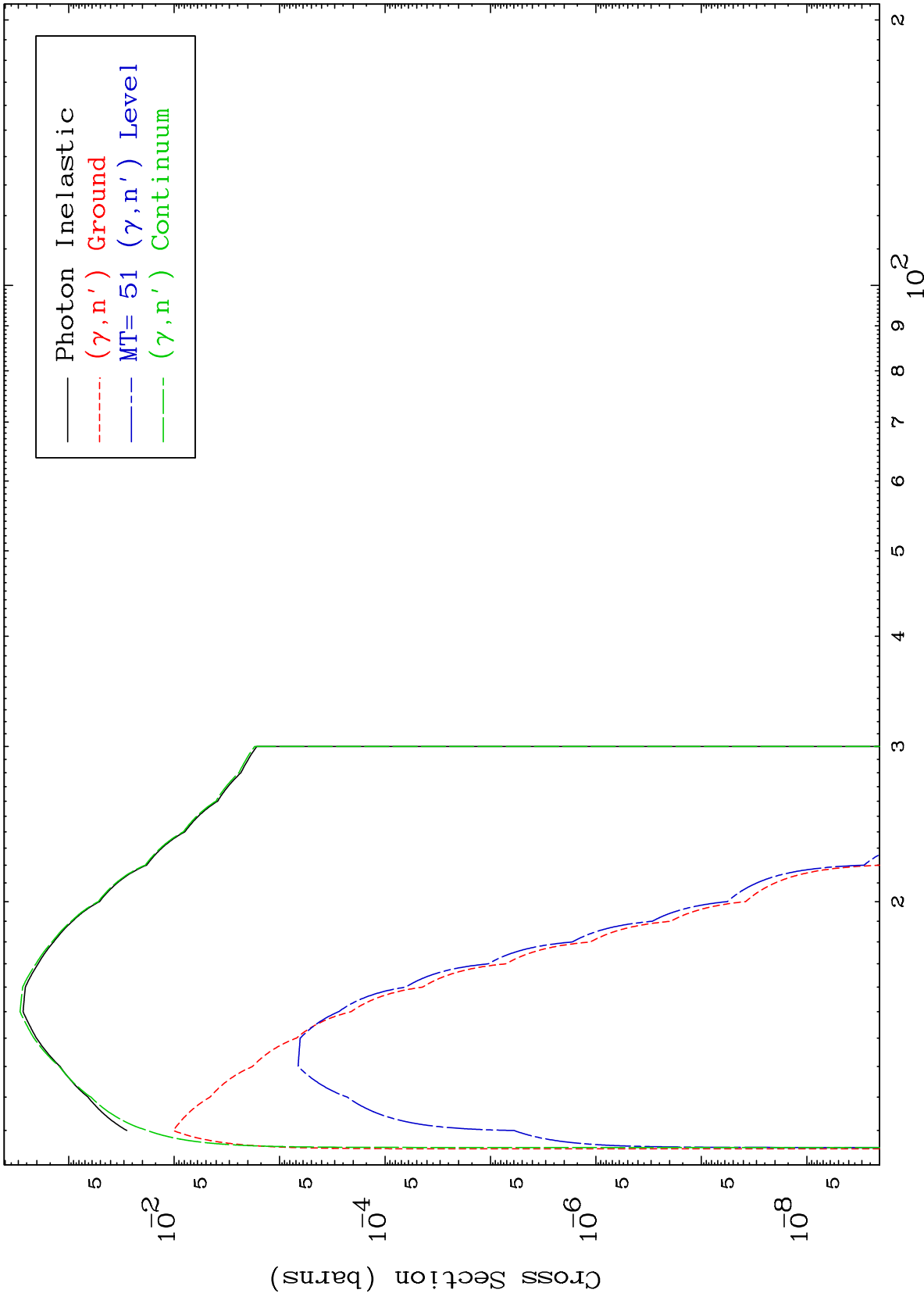
4

MAT 5819

(γ, n') Level

58-Ce-134

0 Kelvin Cross Sections



5

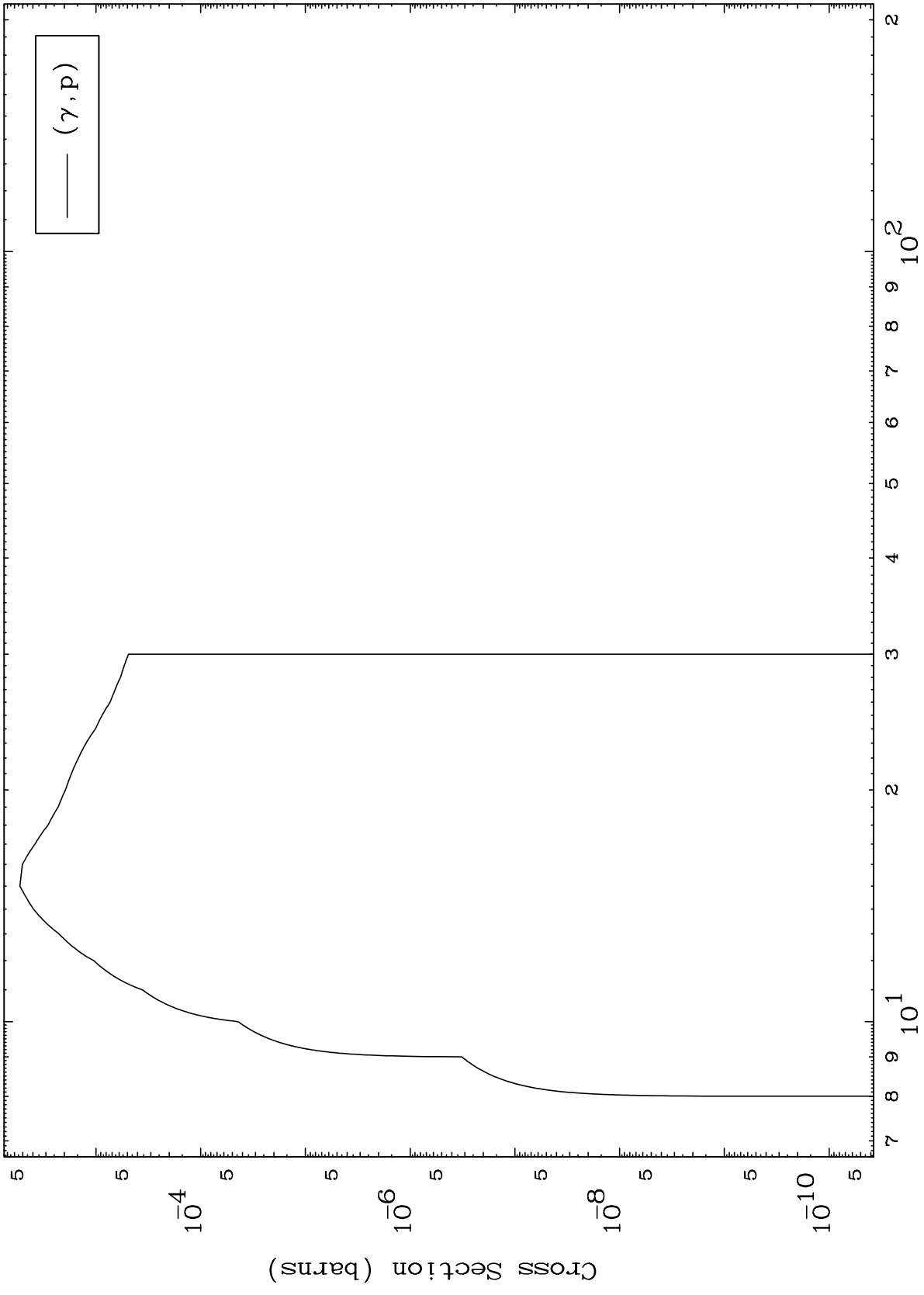
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-134



6

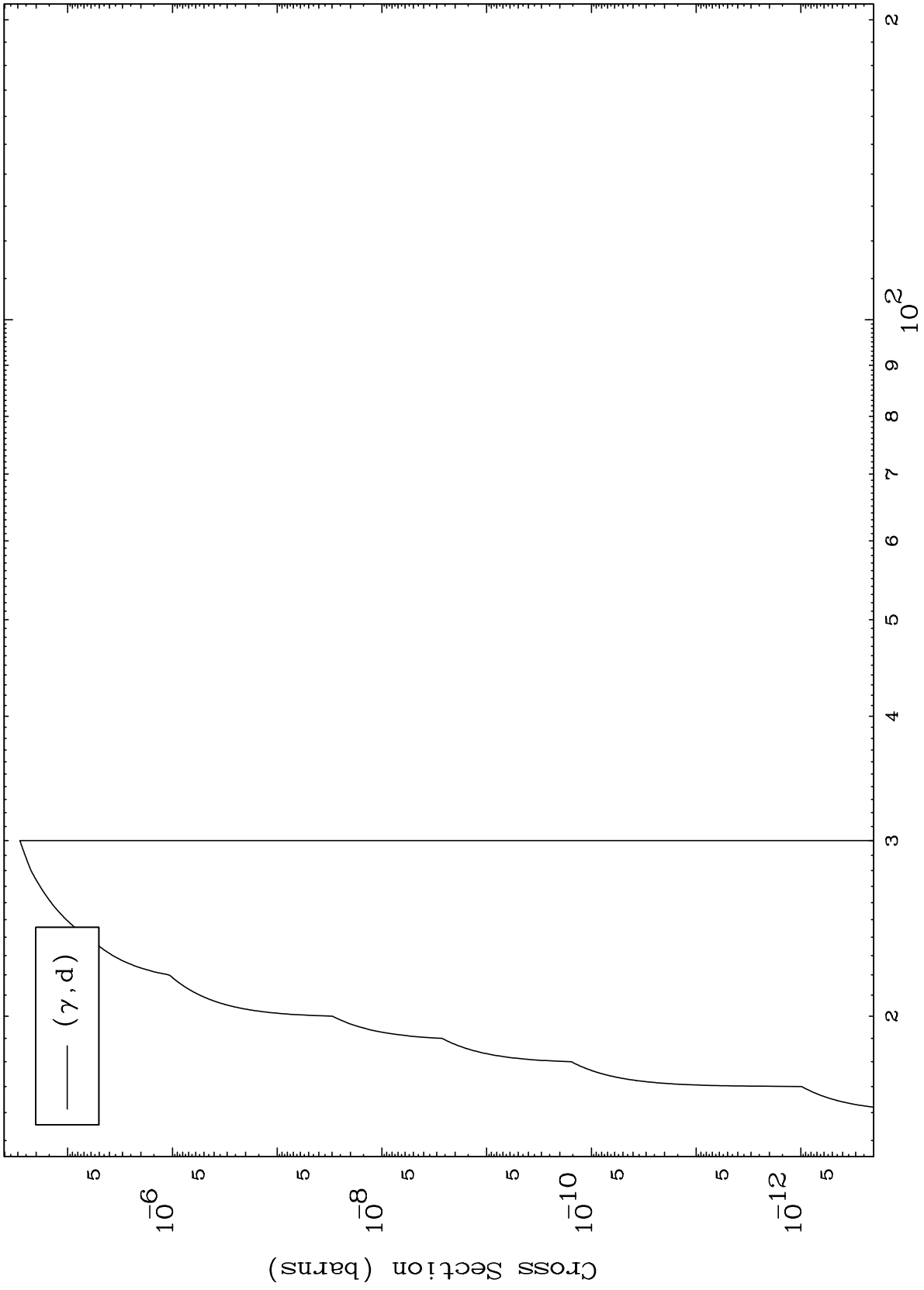
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-134



7

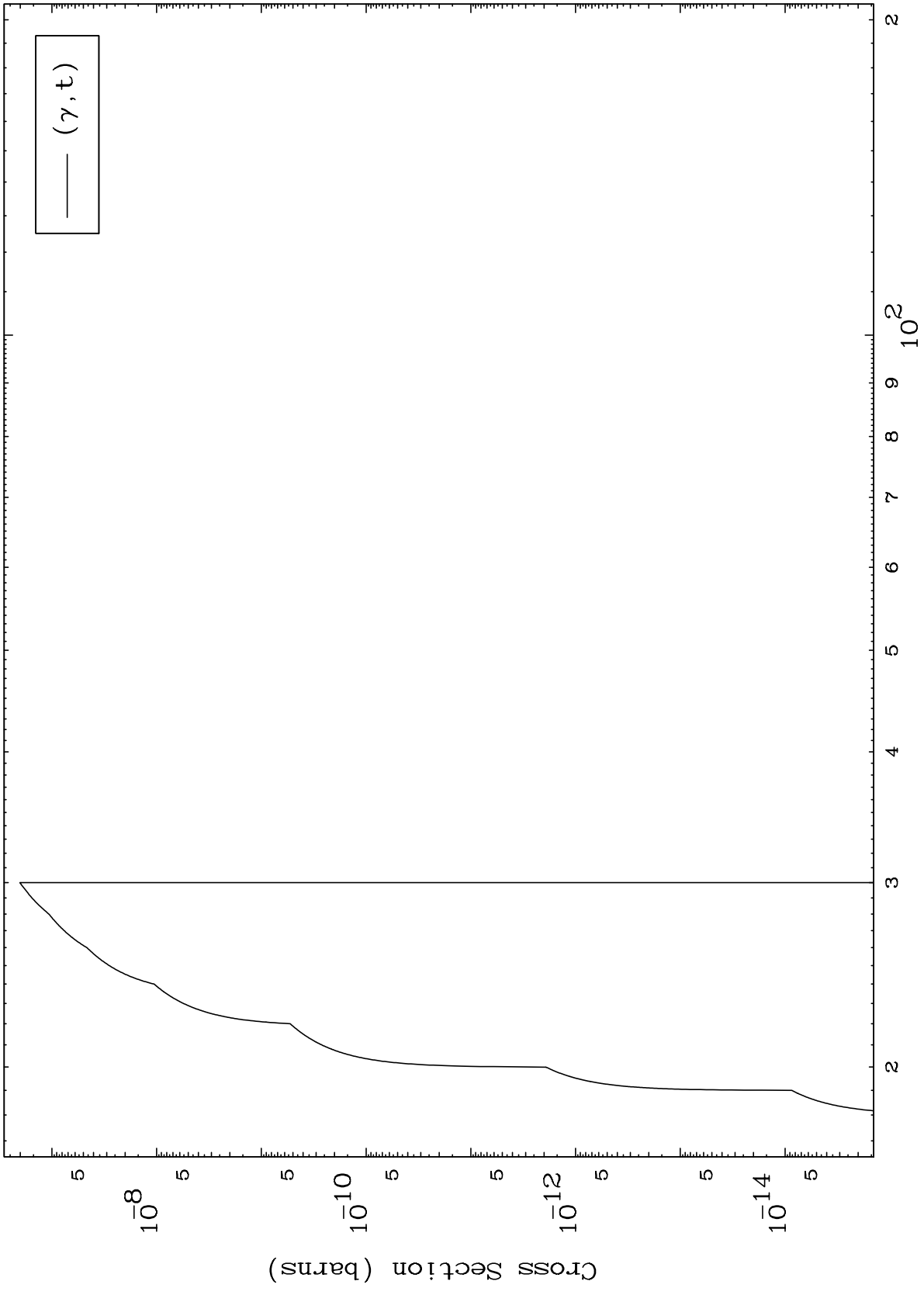
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-134



8

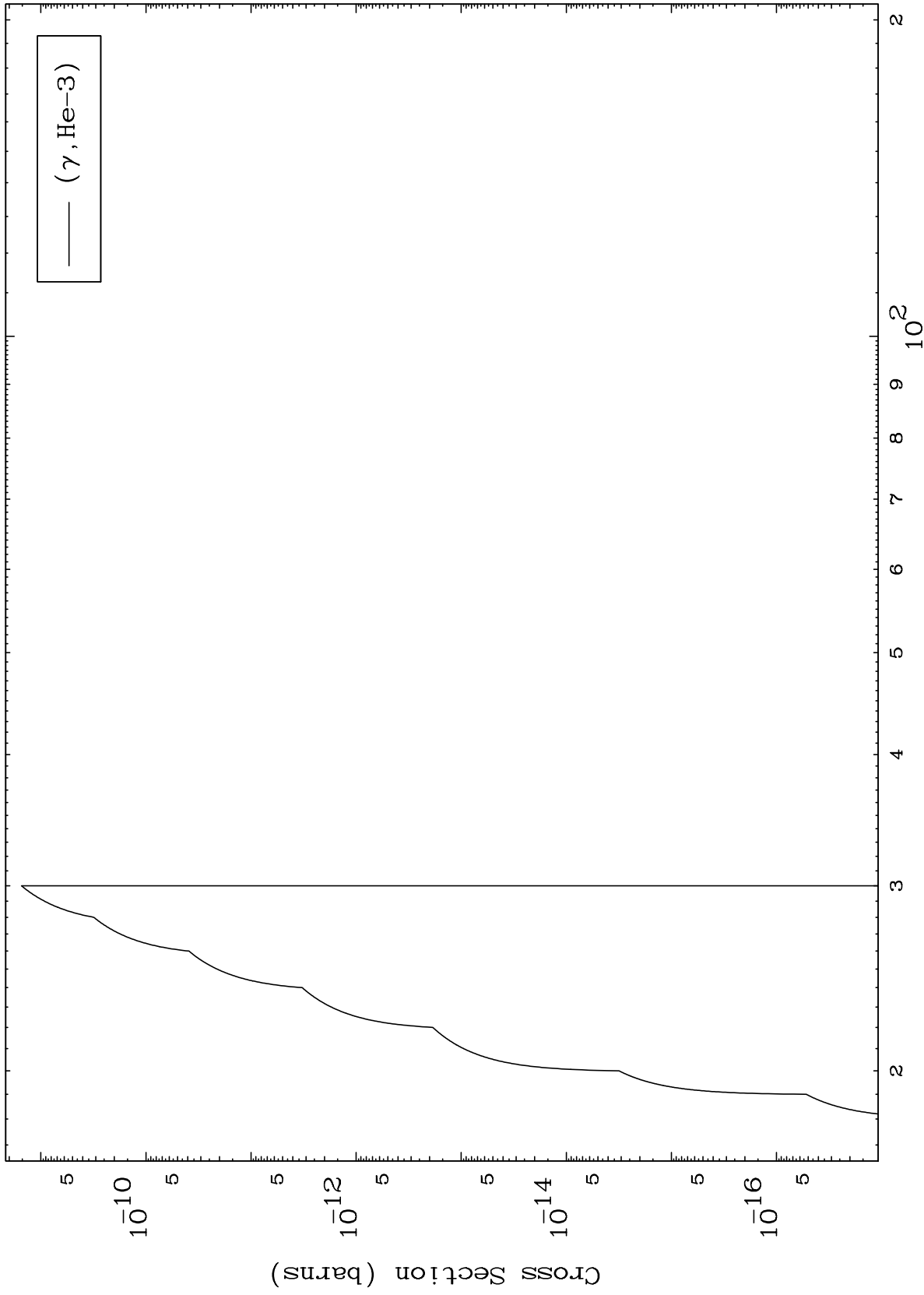
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ ,He3) Levels
0 Kelvin Cross Sections

58-Ce-134



9

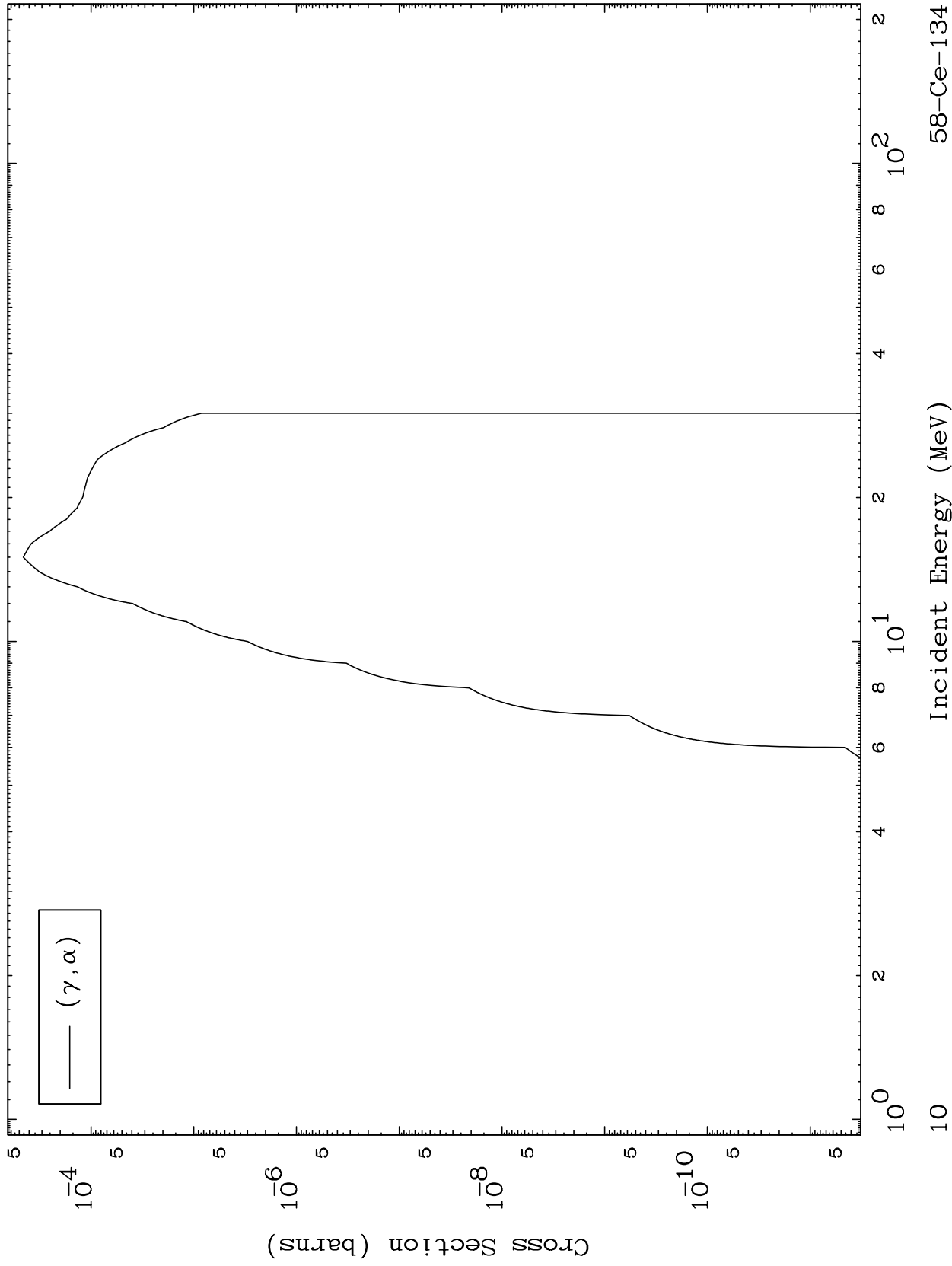
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, α) Levels
0 Kelvin Cross Sections

58-Ce-134

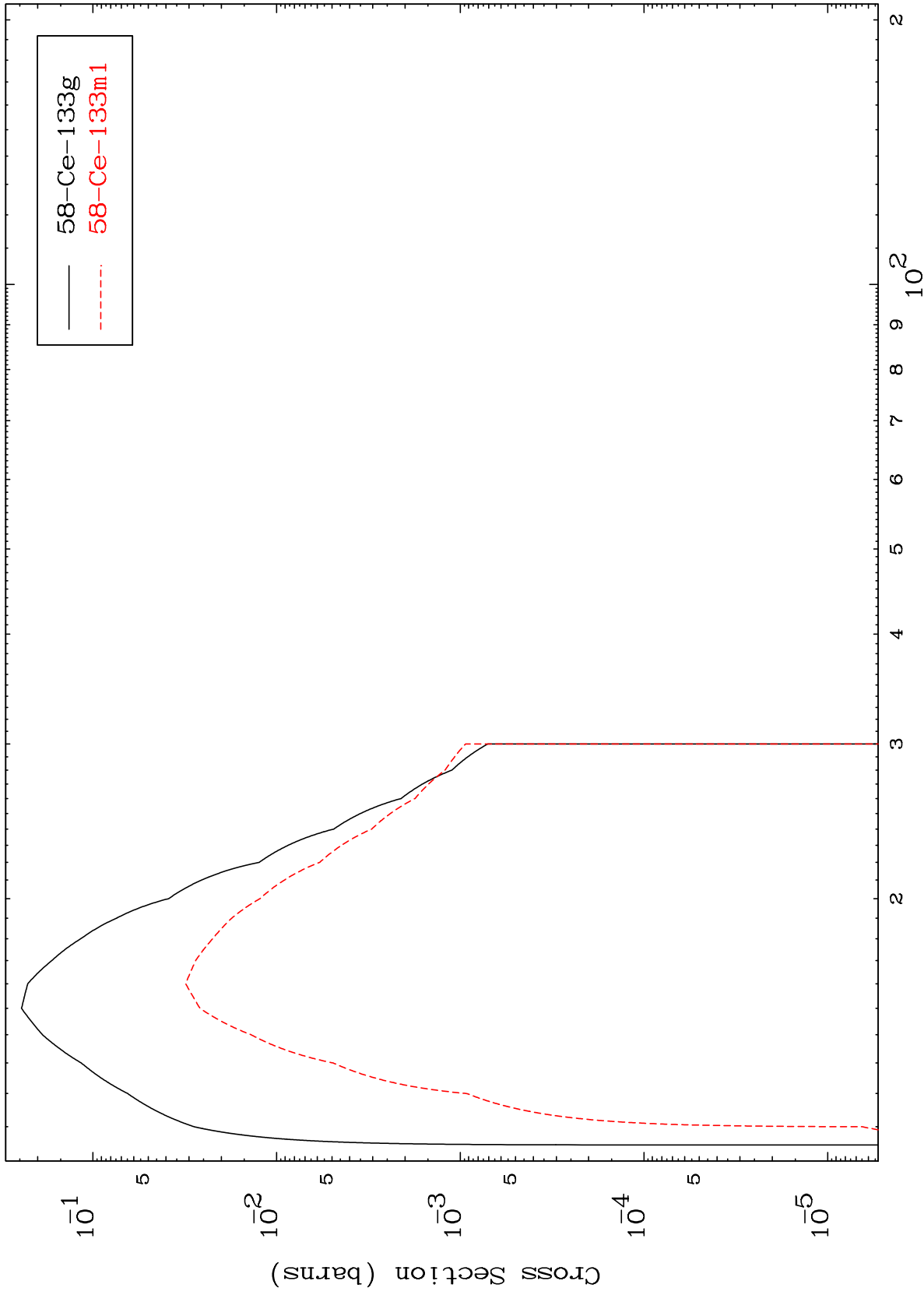


58-Ce-134

MAT 5819

58-Ce-134

Photon Inelastic
Radionuclide Production Cross Section



11

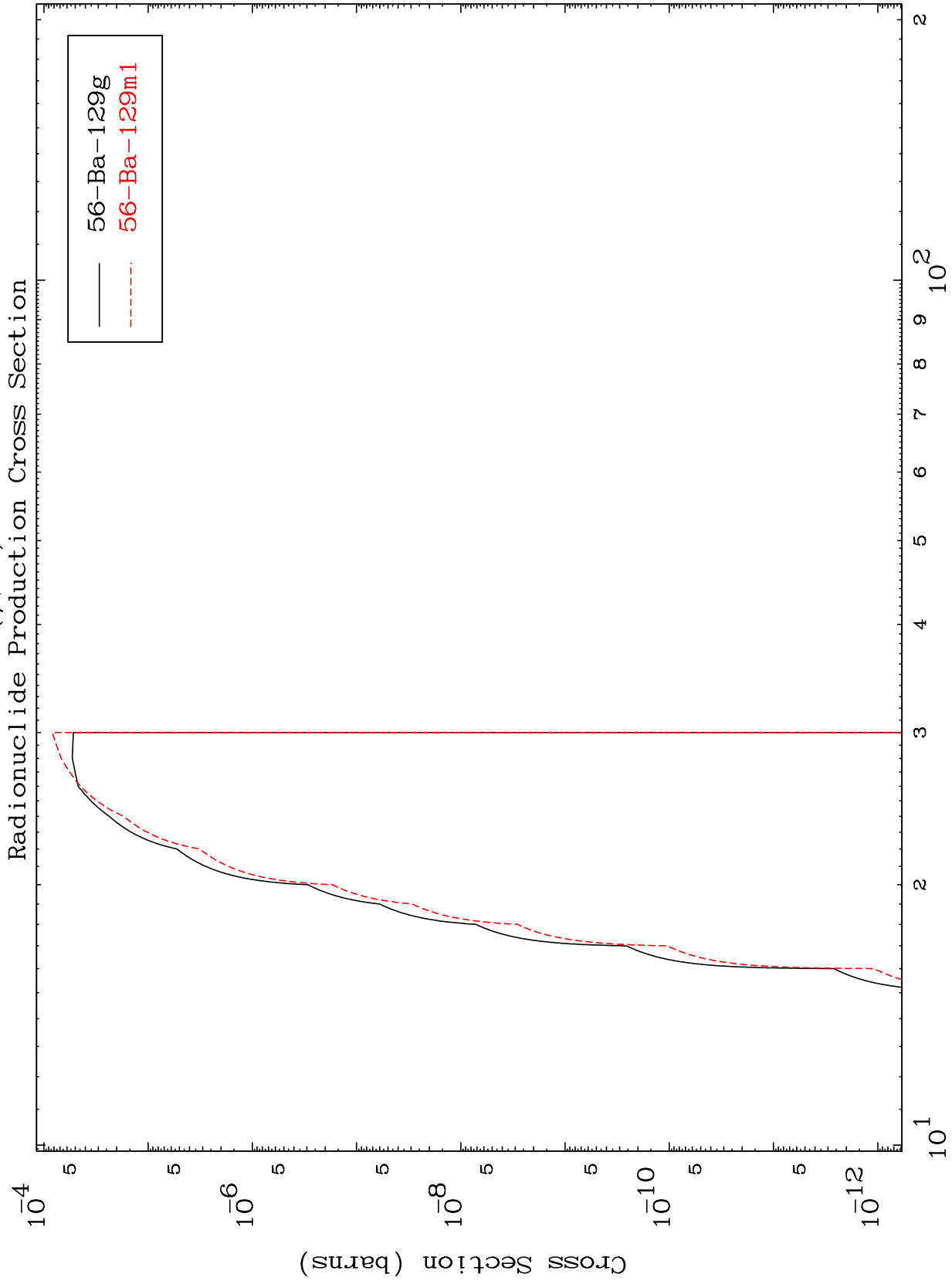
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, n') α

58-Ce-134



58-Ce-134

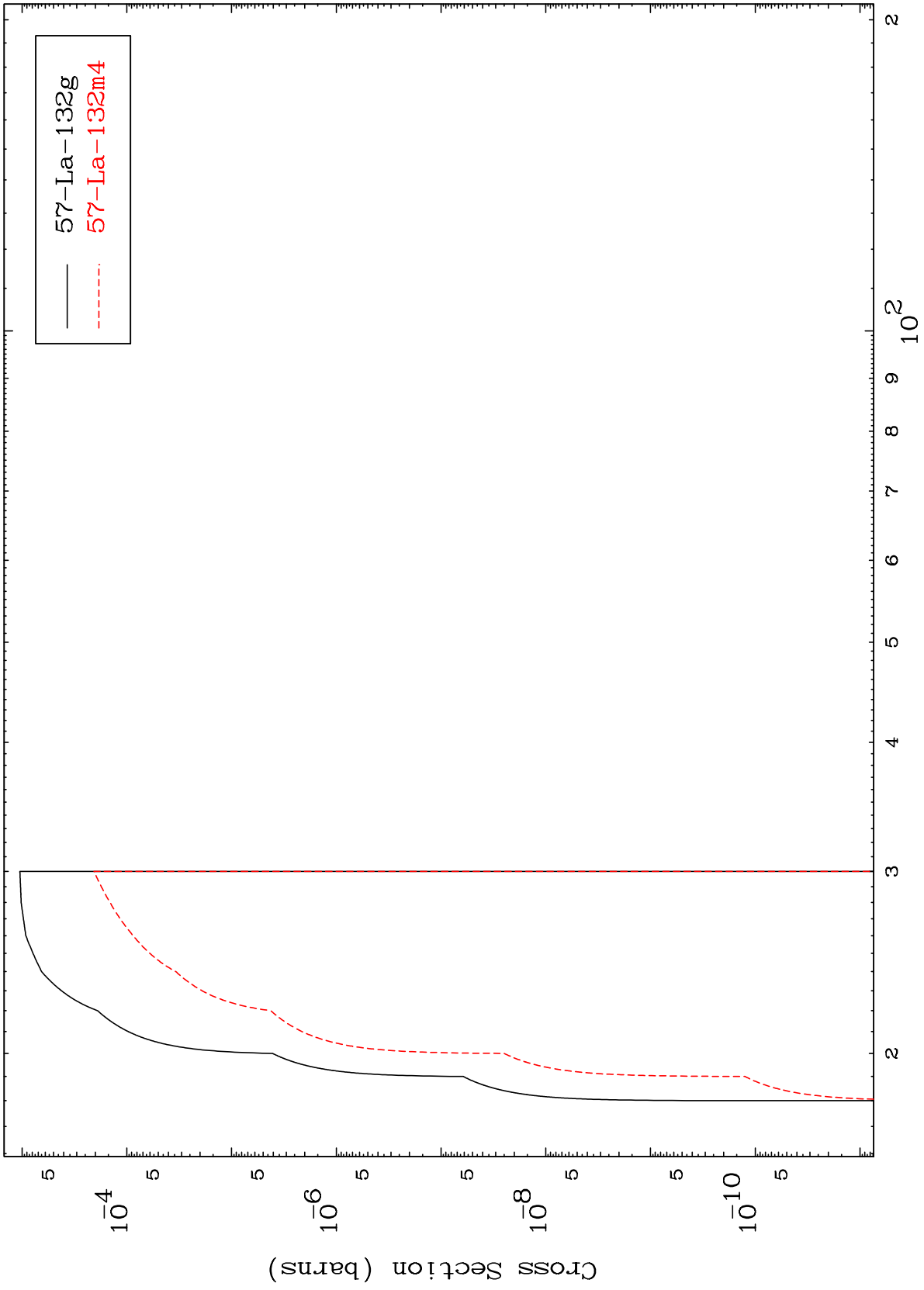
Incident Energy (MeV)

12

MAT 5819

58-Ce-134

(γ, n') p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

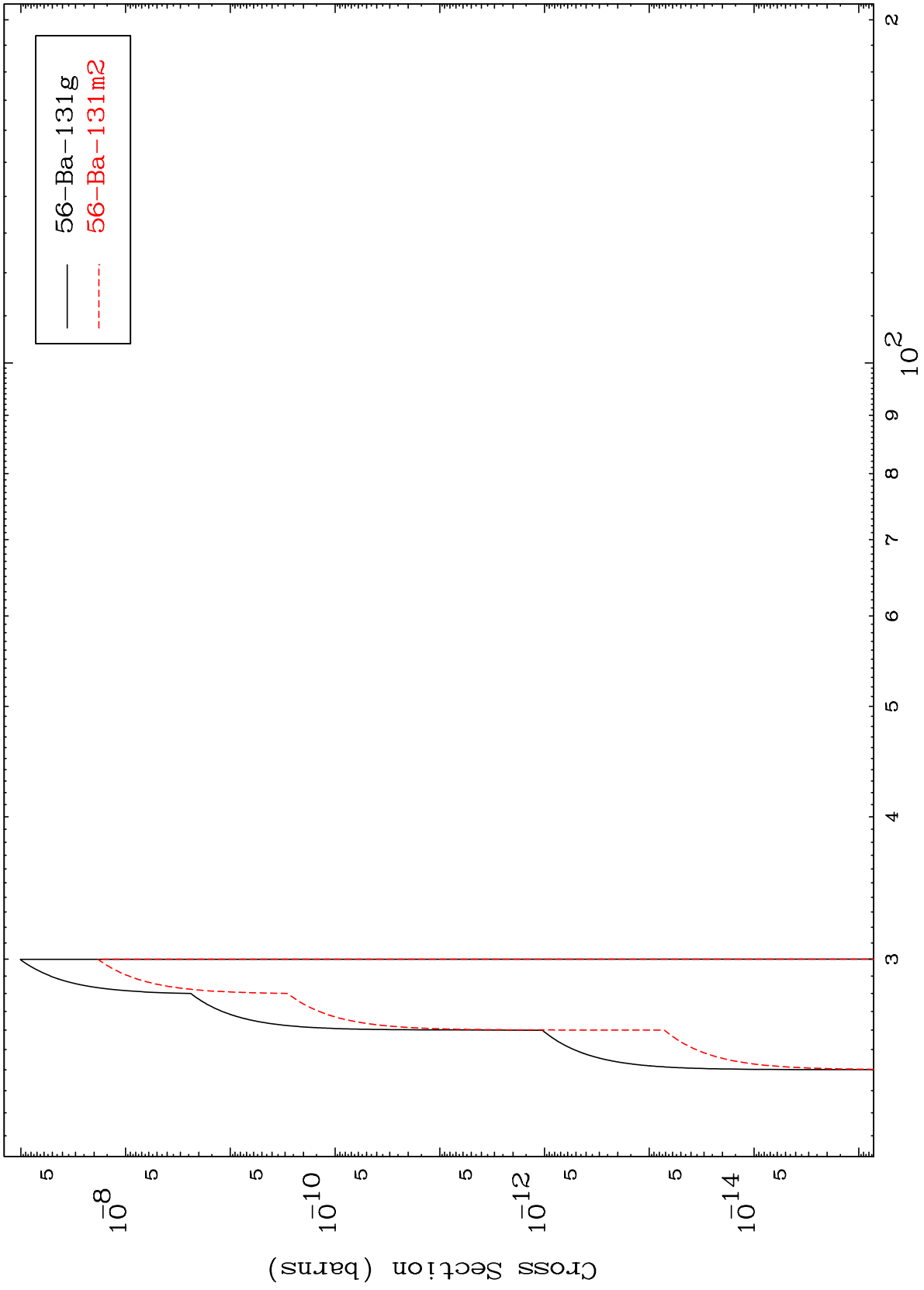
58-Ce-134

MAT 5819

($\gamma, 2n$) p

58-Ce-134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

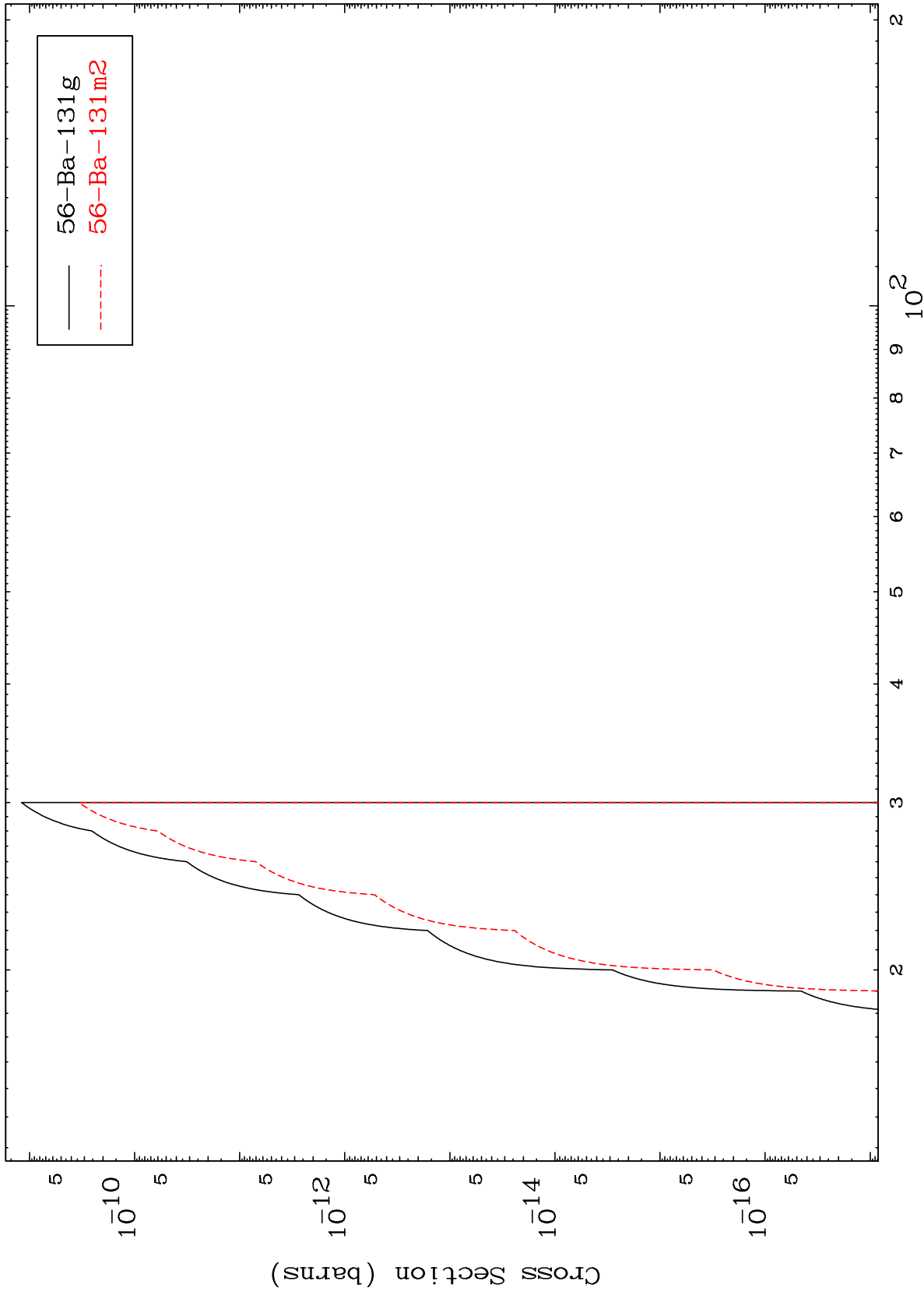
58-Ce-134

MAT 5819

($\gamma, \text{He-3}$)

58-Ce-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

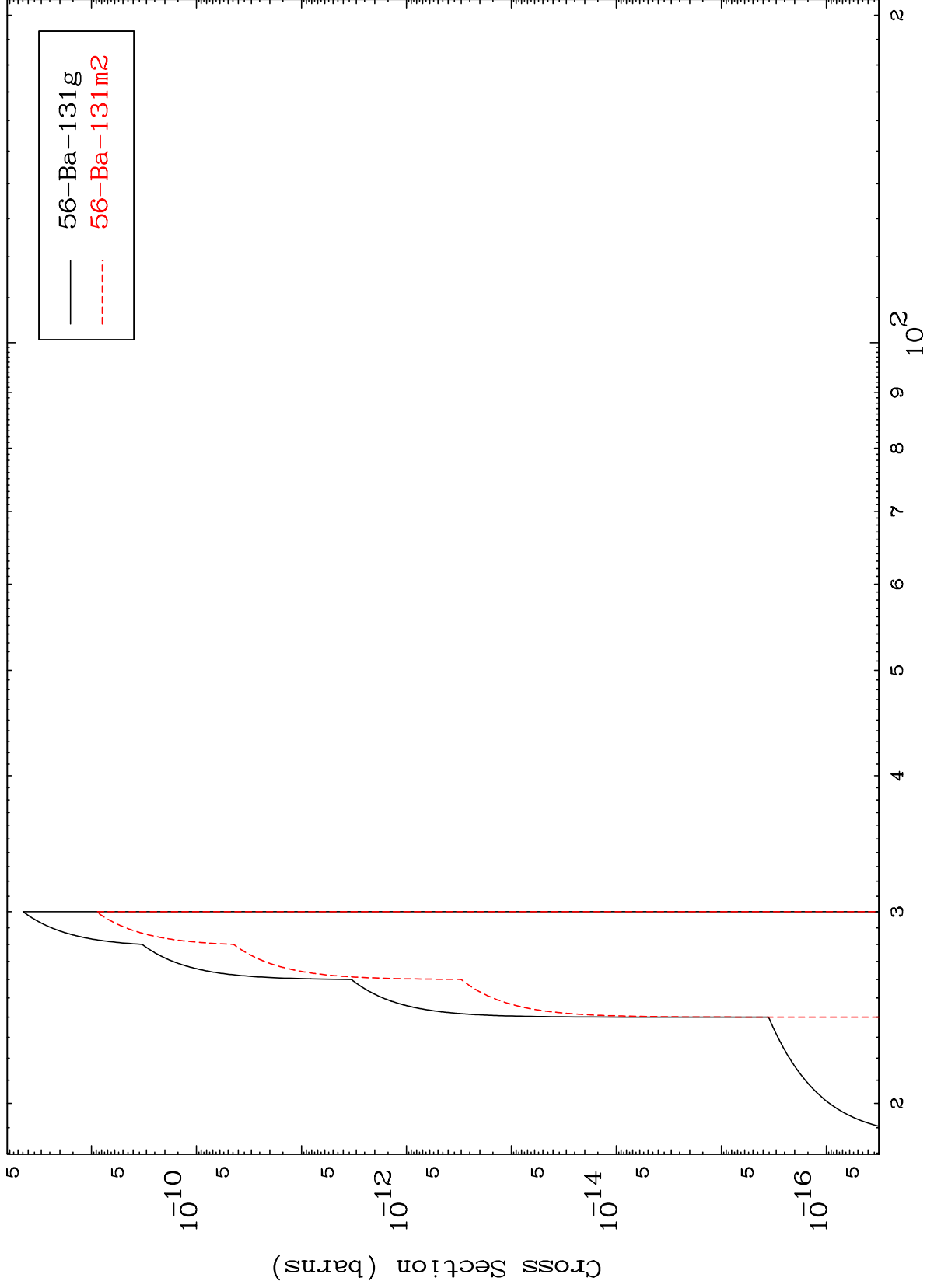
58-Ce-134

MAT 5819

(γ, p) d

58-Ce-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

58-Ce-134