

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

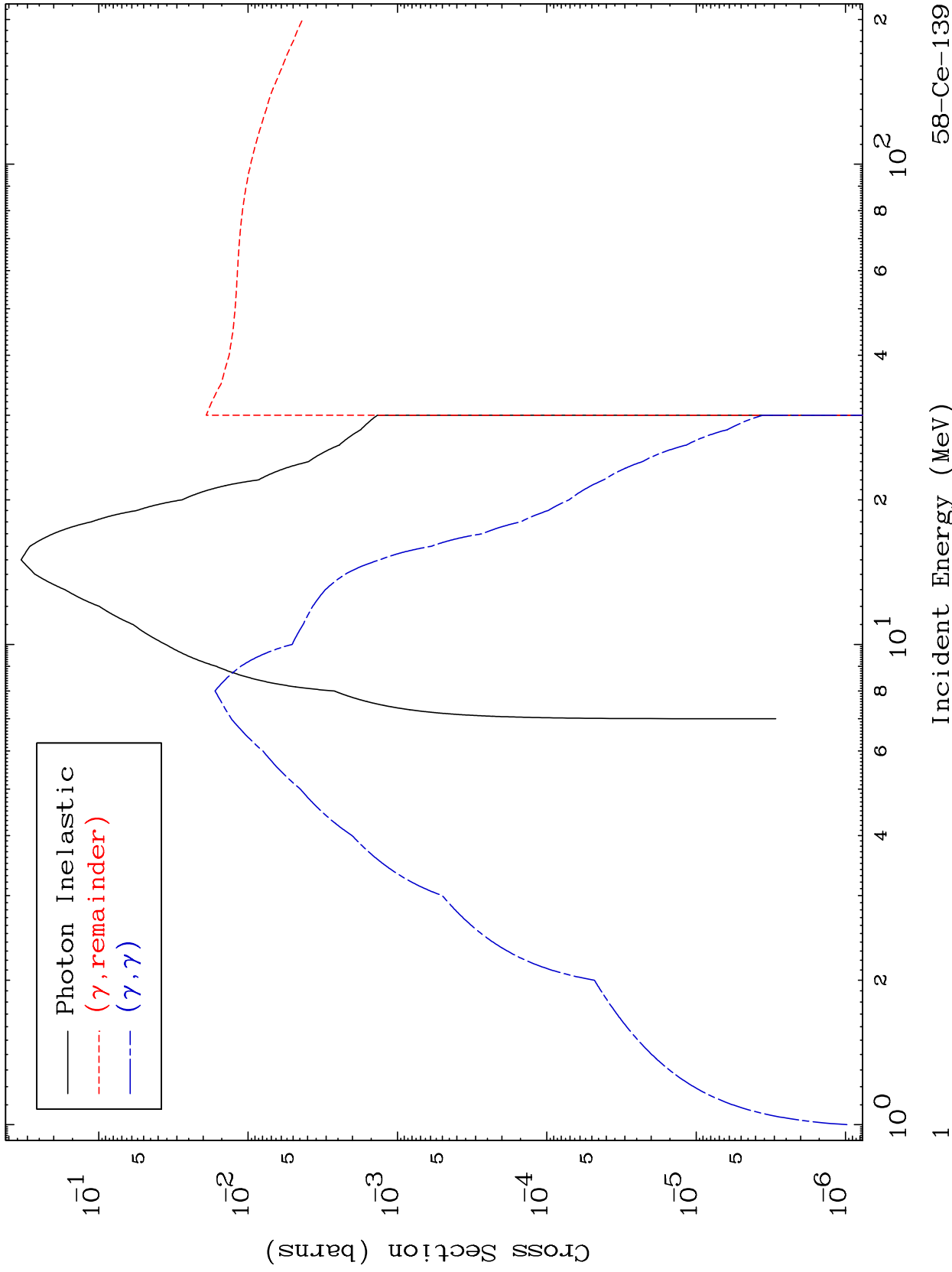
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

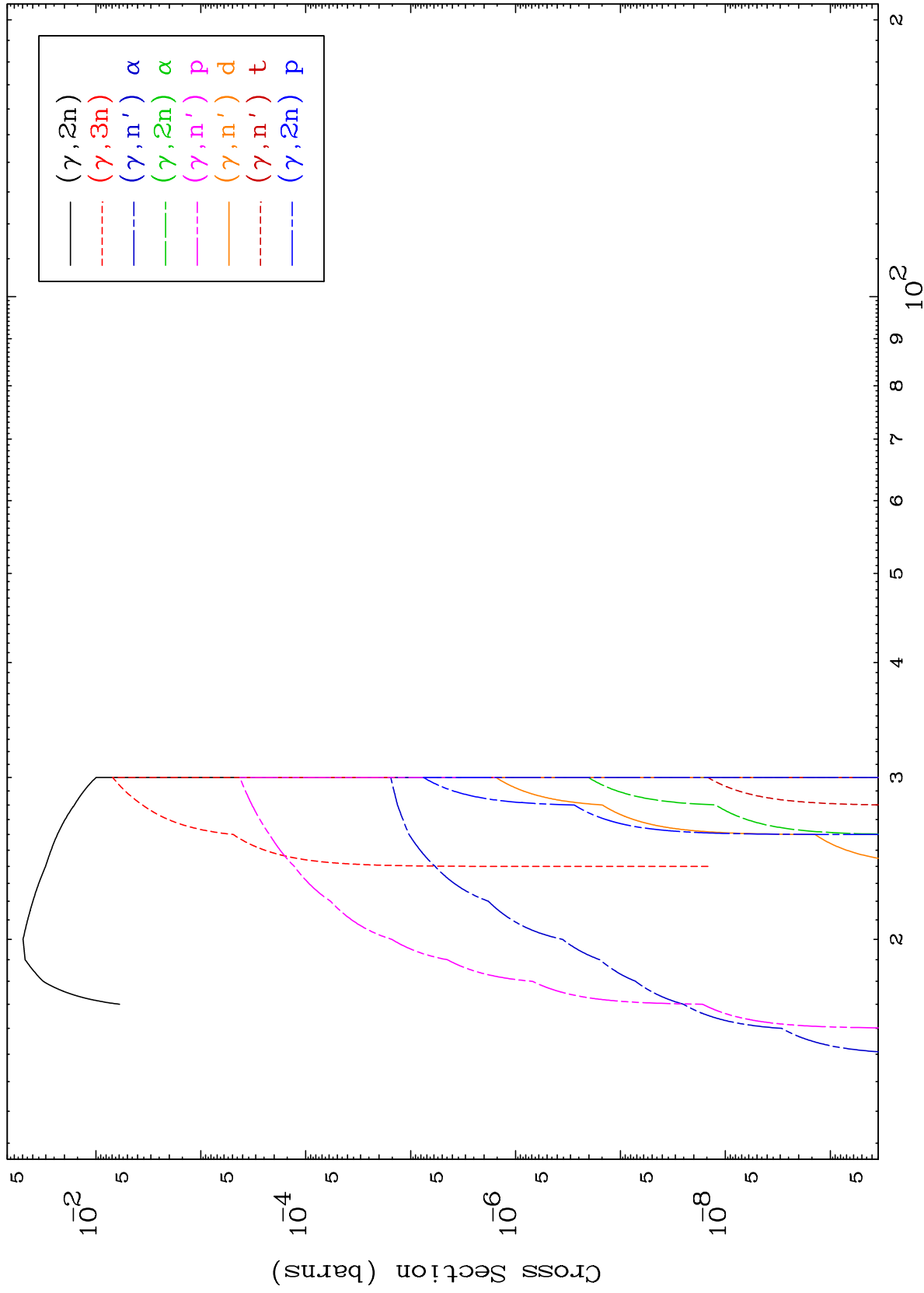
MAT 5835

Photon Major
0 Kelvin Cross Sections

58-Ce-139



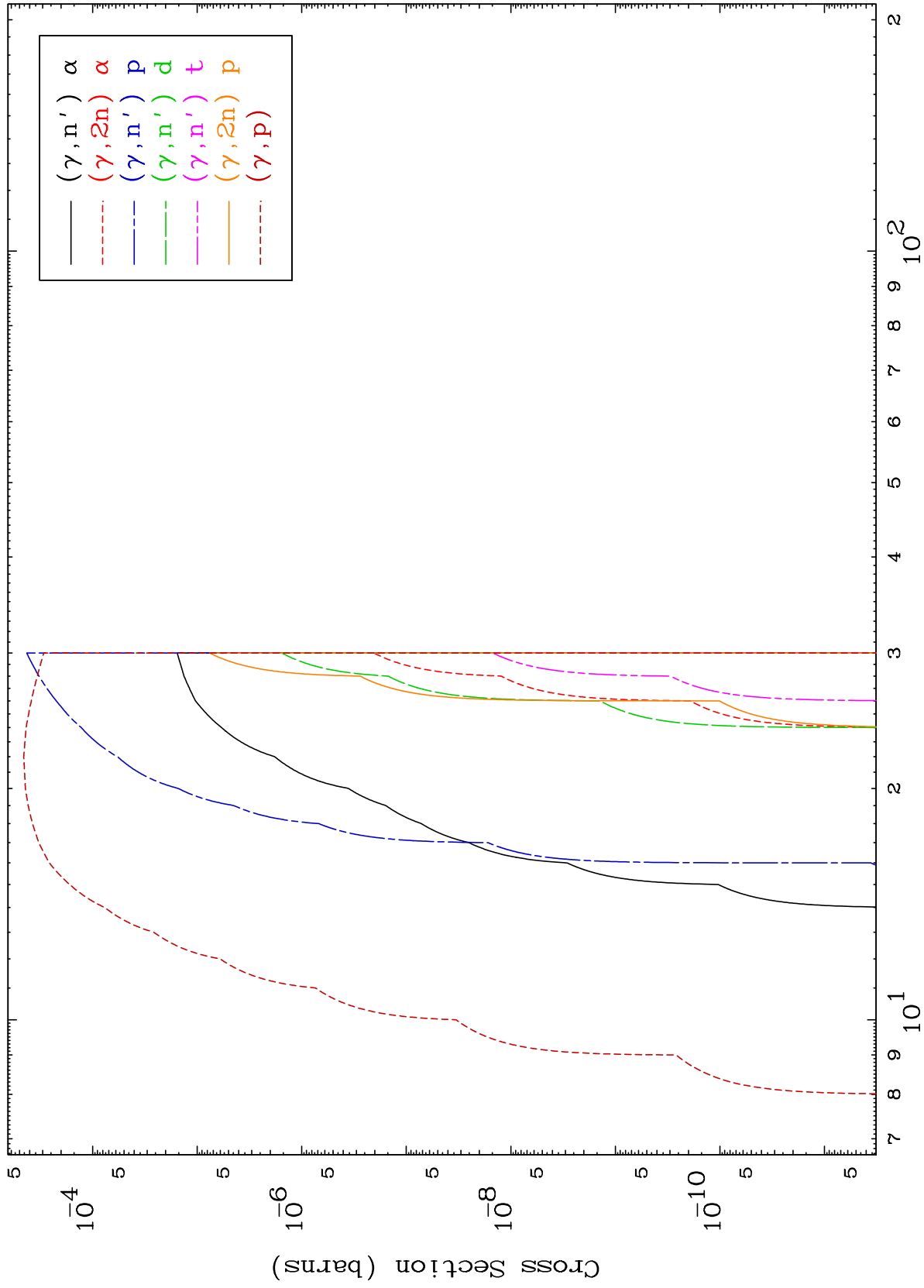
58-Ce-139



MAT 5835

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-139



3

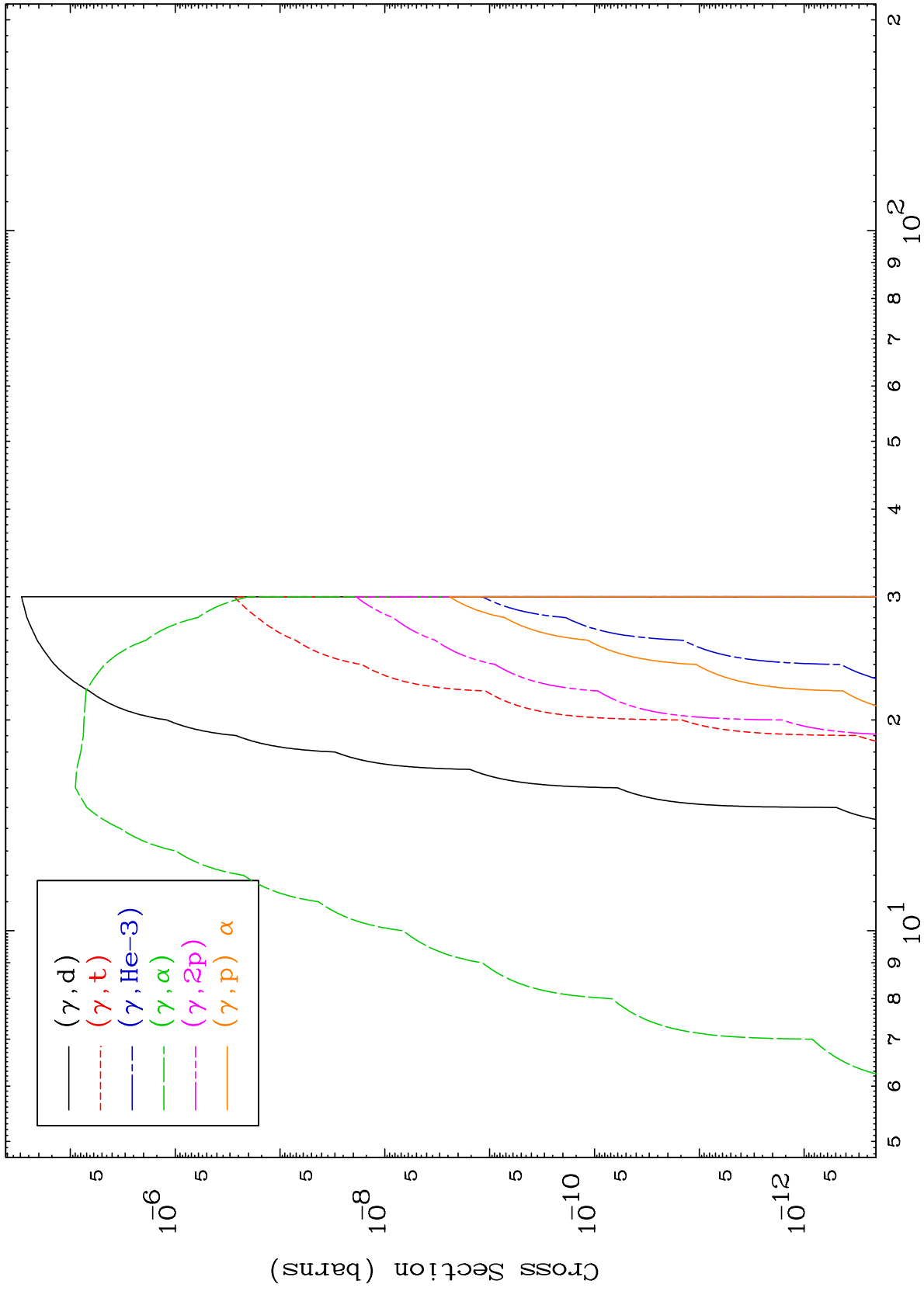
Incident Energy (MeV)

58-Ce-139

MAT 5835

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-139



4

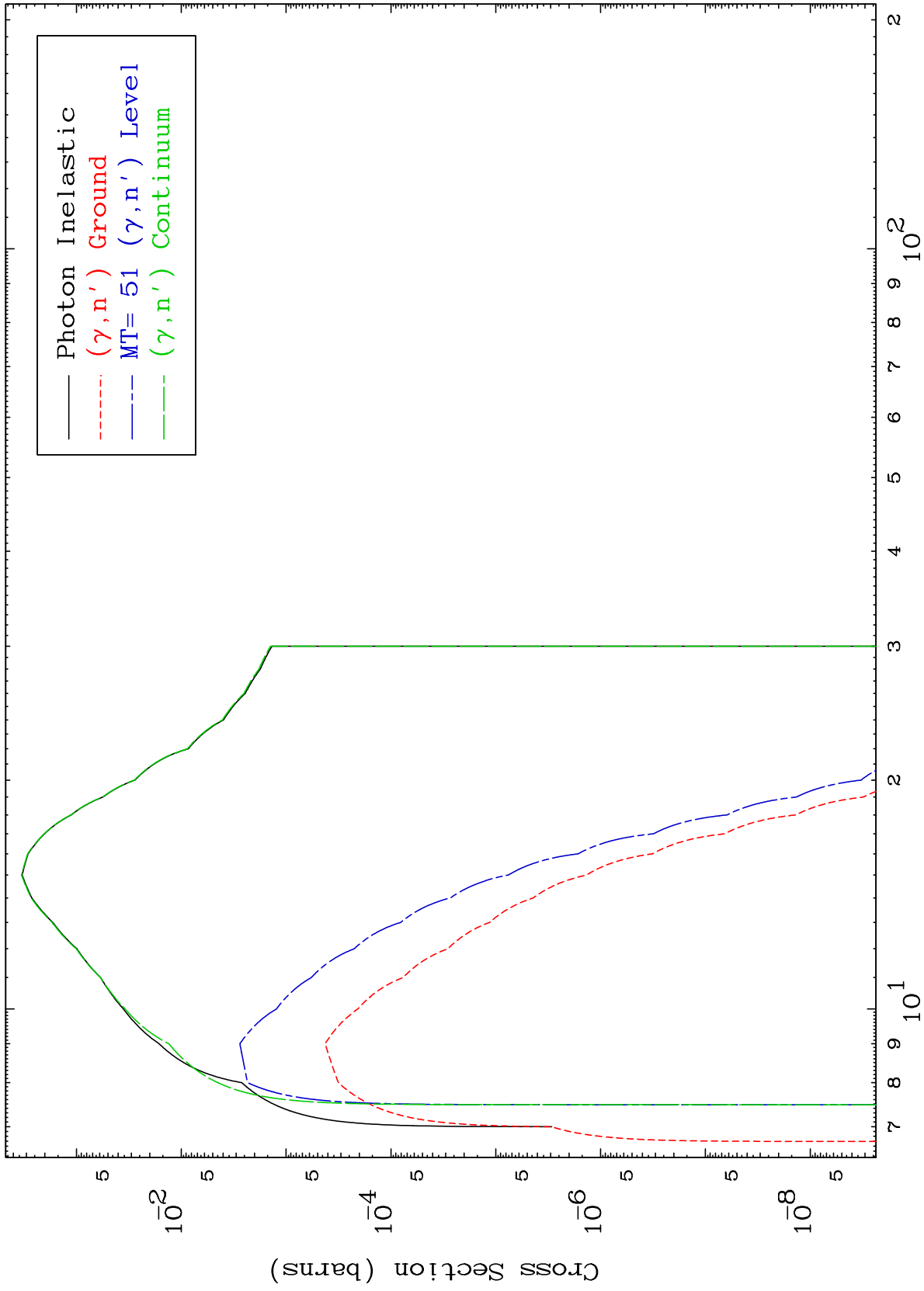
Incident Energy (MeV)

58-Ce-139

MAT 5835

(γ, n') Level
0 Kelvin Cross Sections

58-Ce-139



5

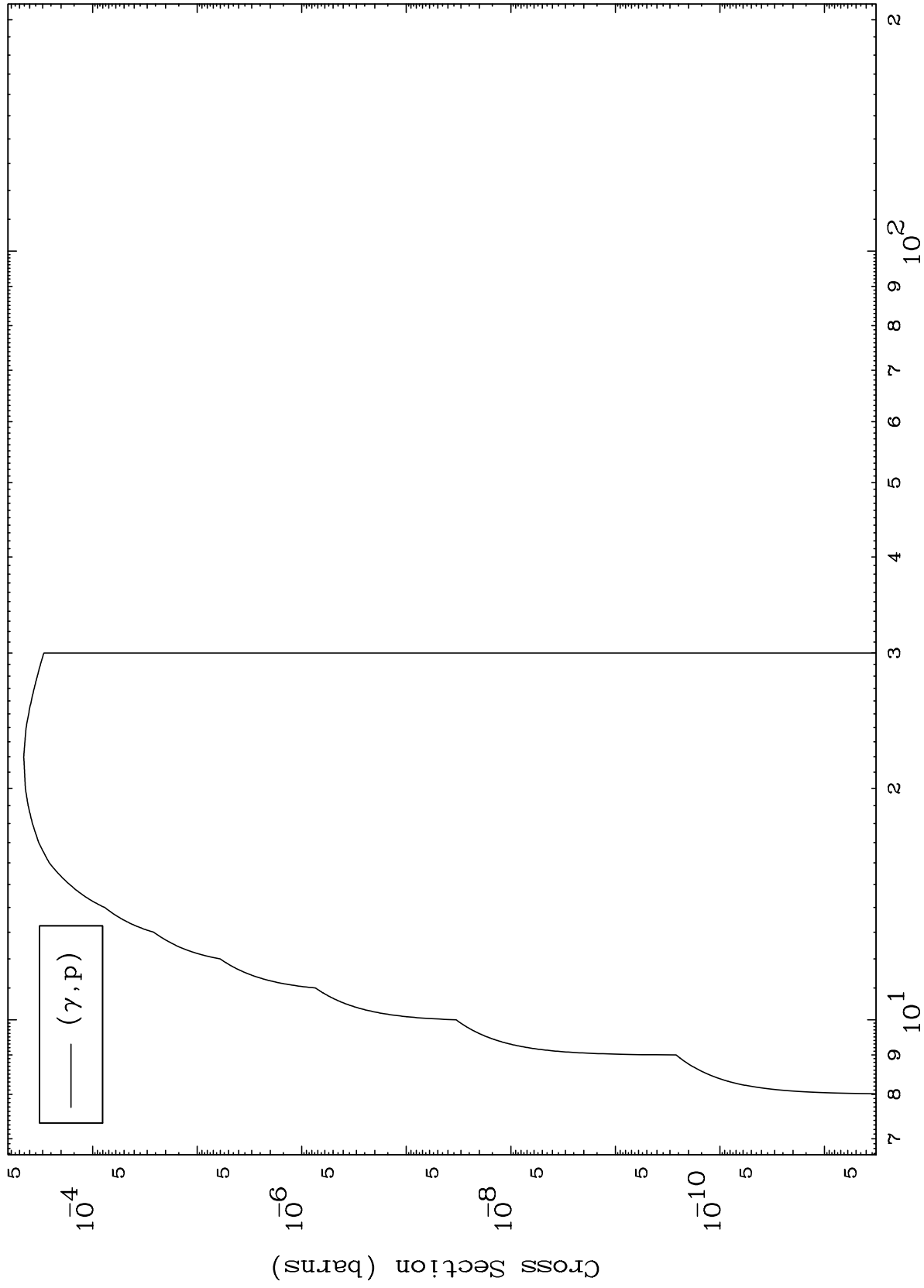
Incident Energy (MeV)

58-Ce-139

MAT 5835

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-139



6

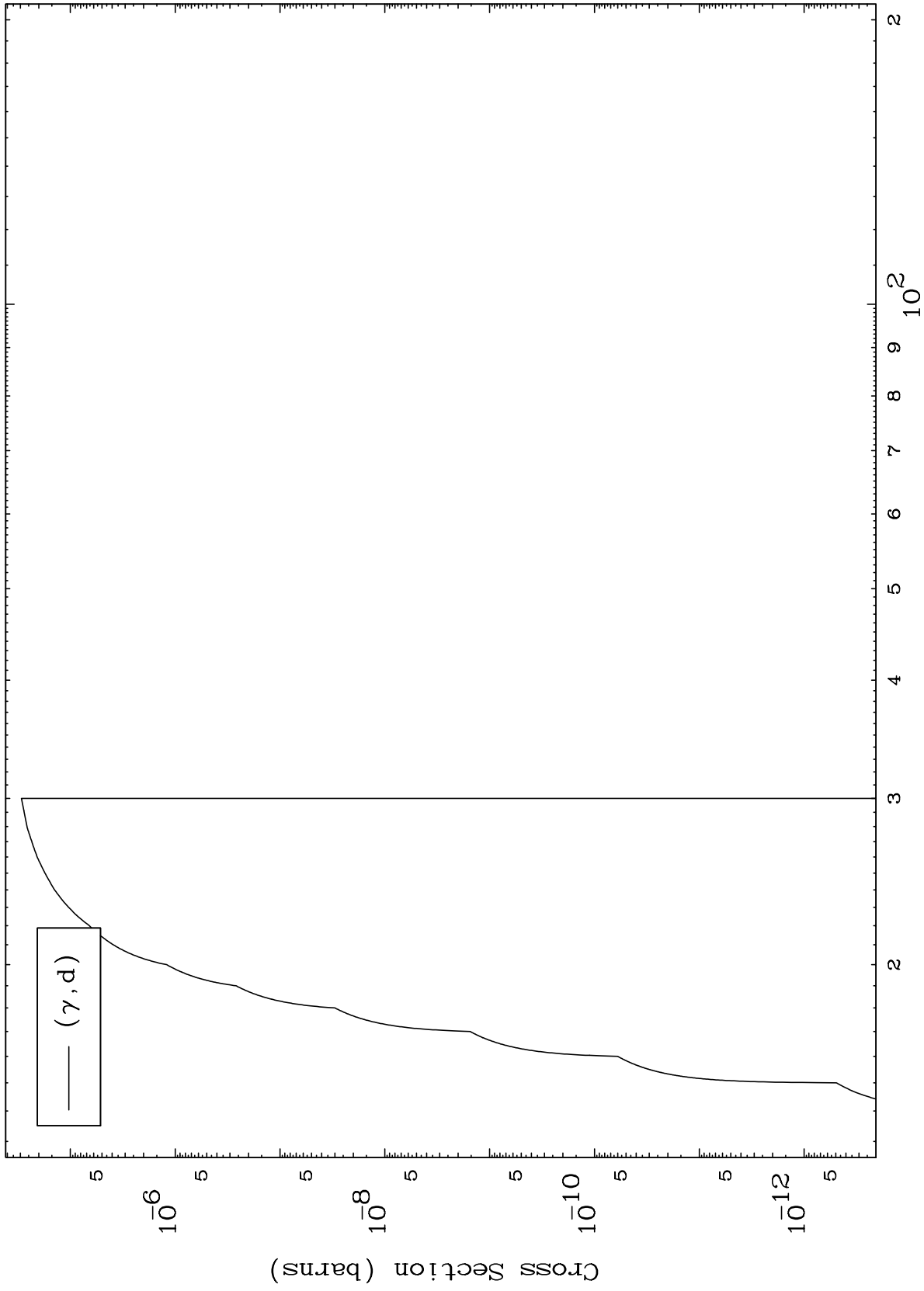
Incident Energy (MeV)

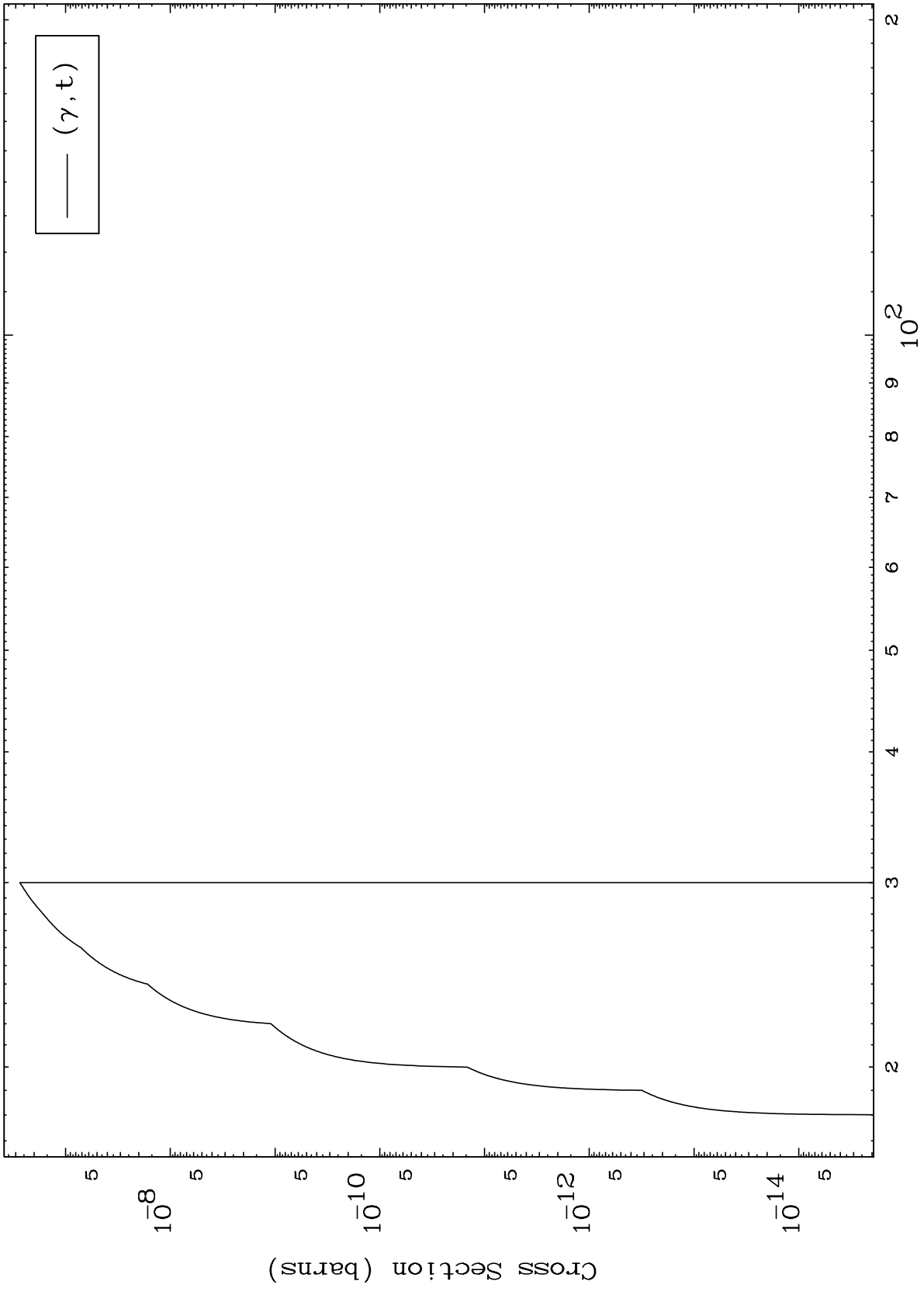
58-Ce-139

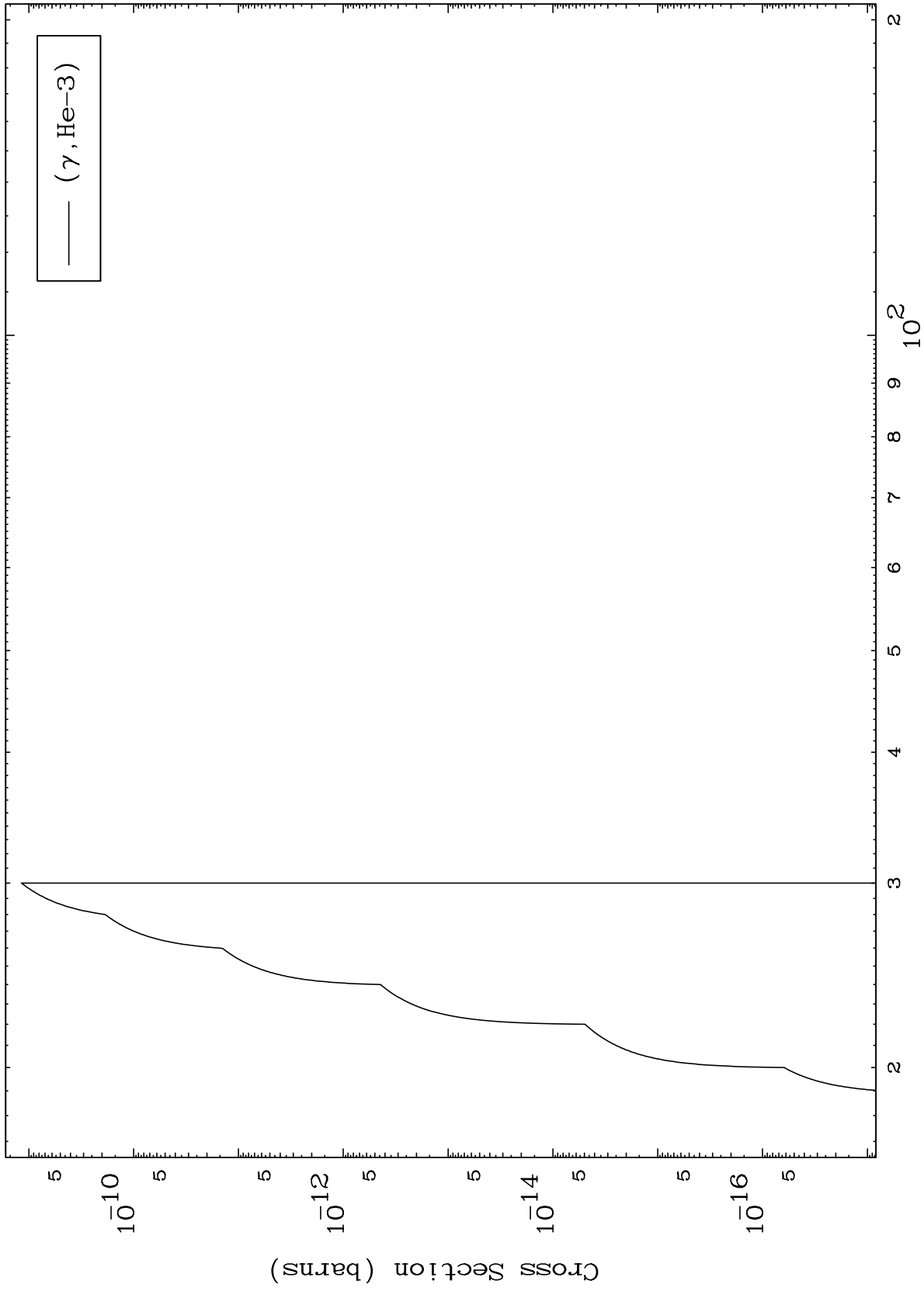
MAT 5835

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-139



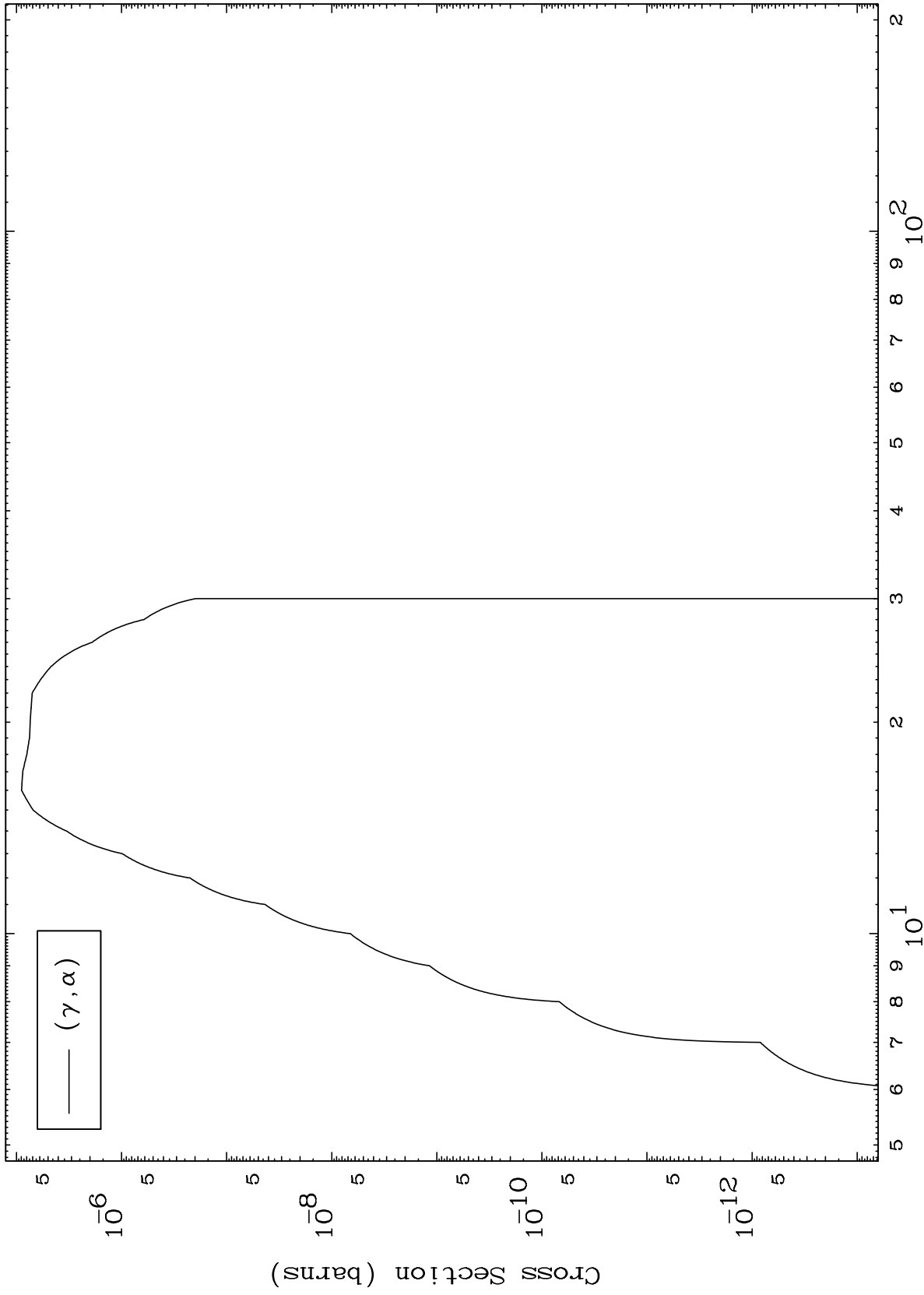




MAT 5835

(γ, α) Levels
0 Kelvin Cross Sections

58-Ce-139



10

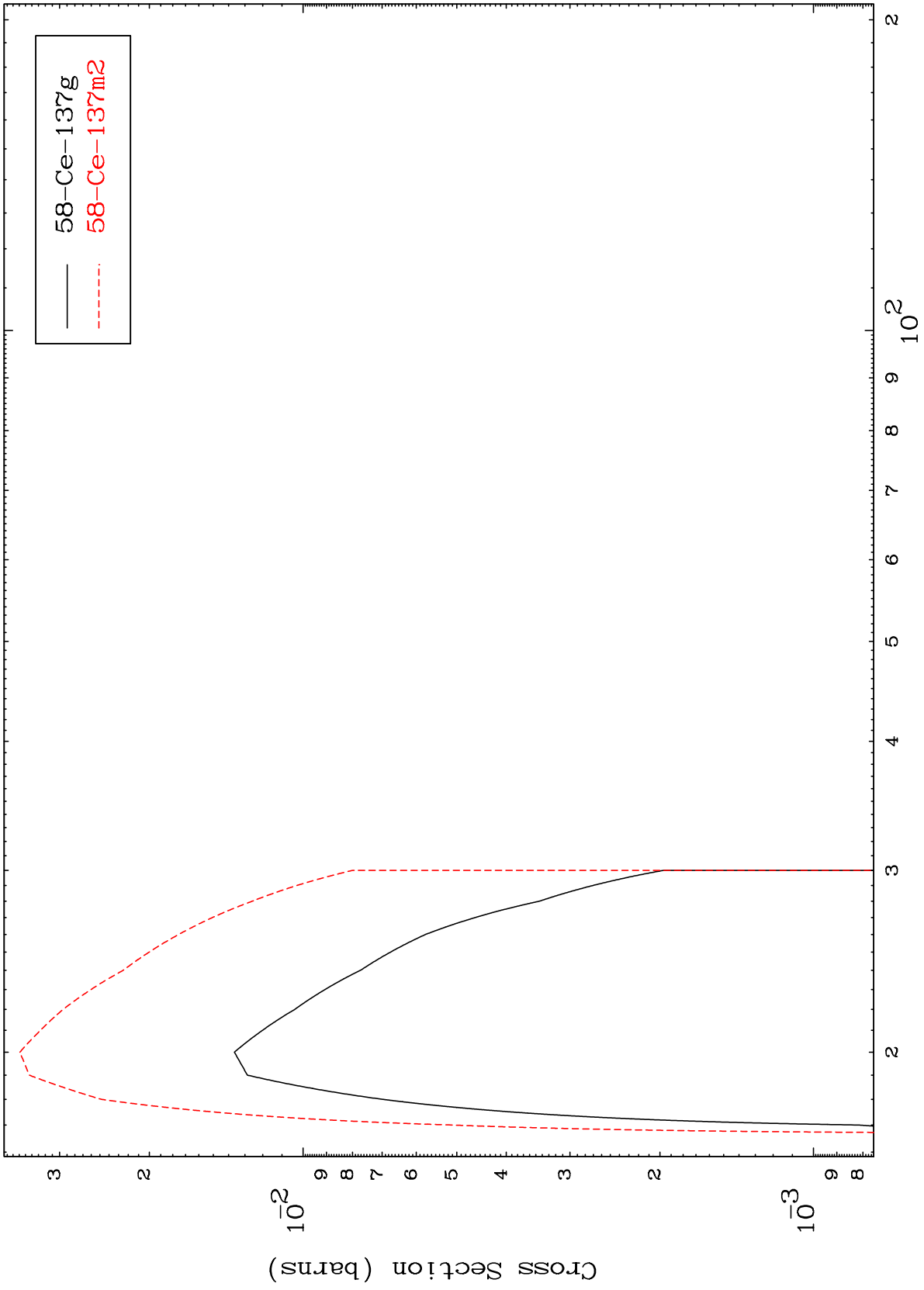
Incident Energy (MeV)

58-Ce-139

MAT 5835

58-Ce-139

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



11

Incident Energy (MeV)

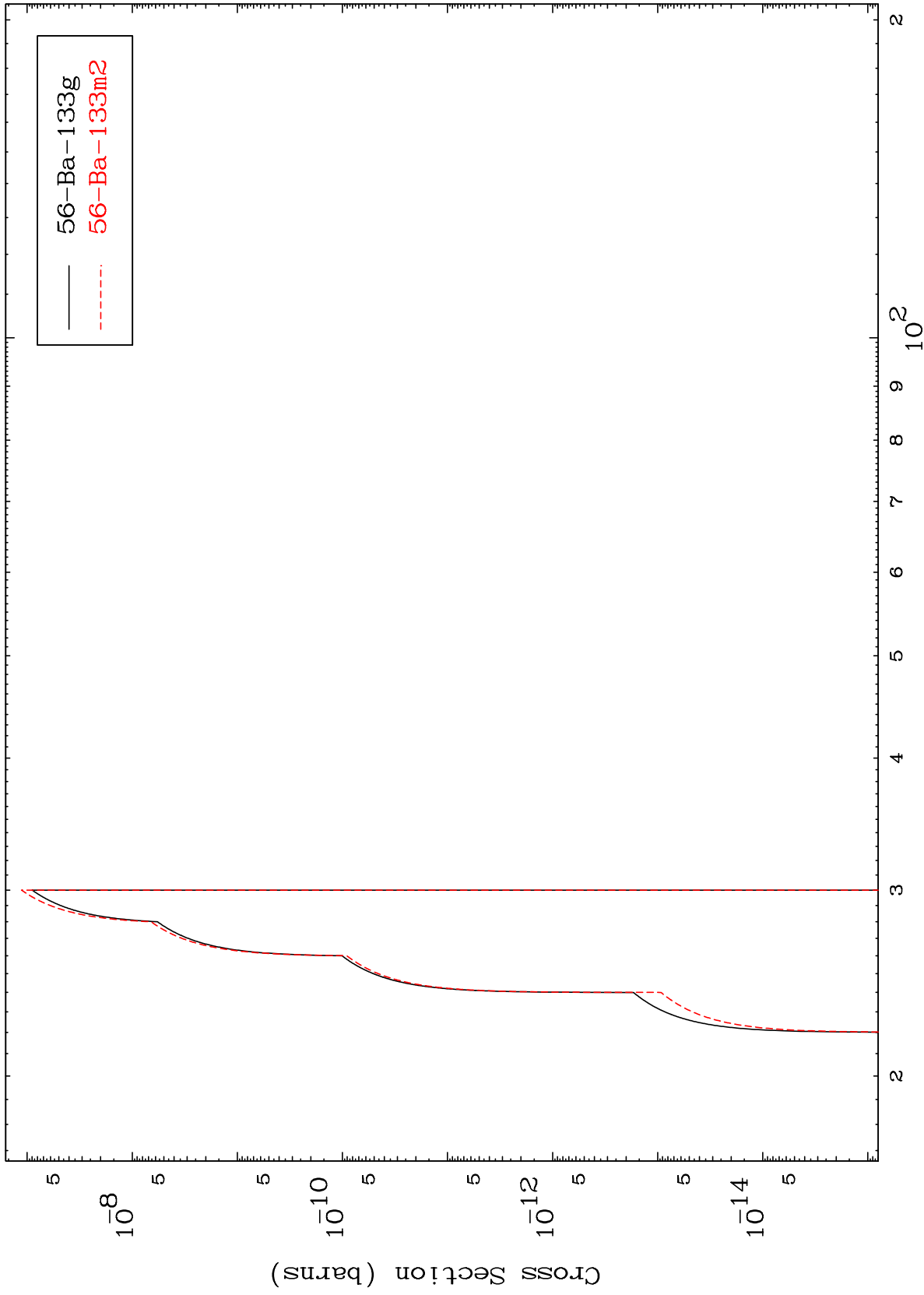
58-Ce-139

MAT 5835

$(\gamma, 2n) \alpha$

58-Ce-139

Radionuclide Production Cross Section



12

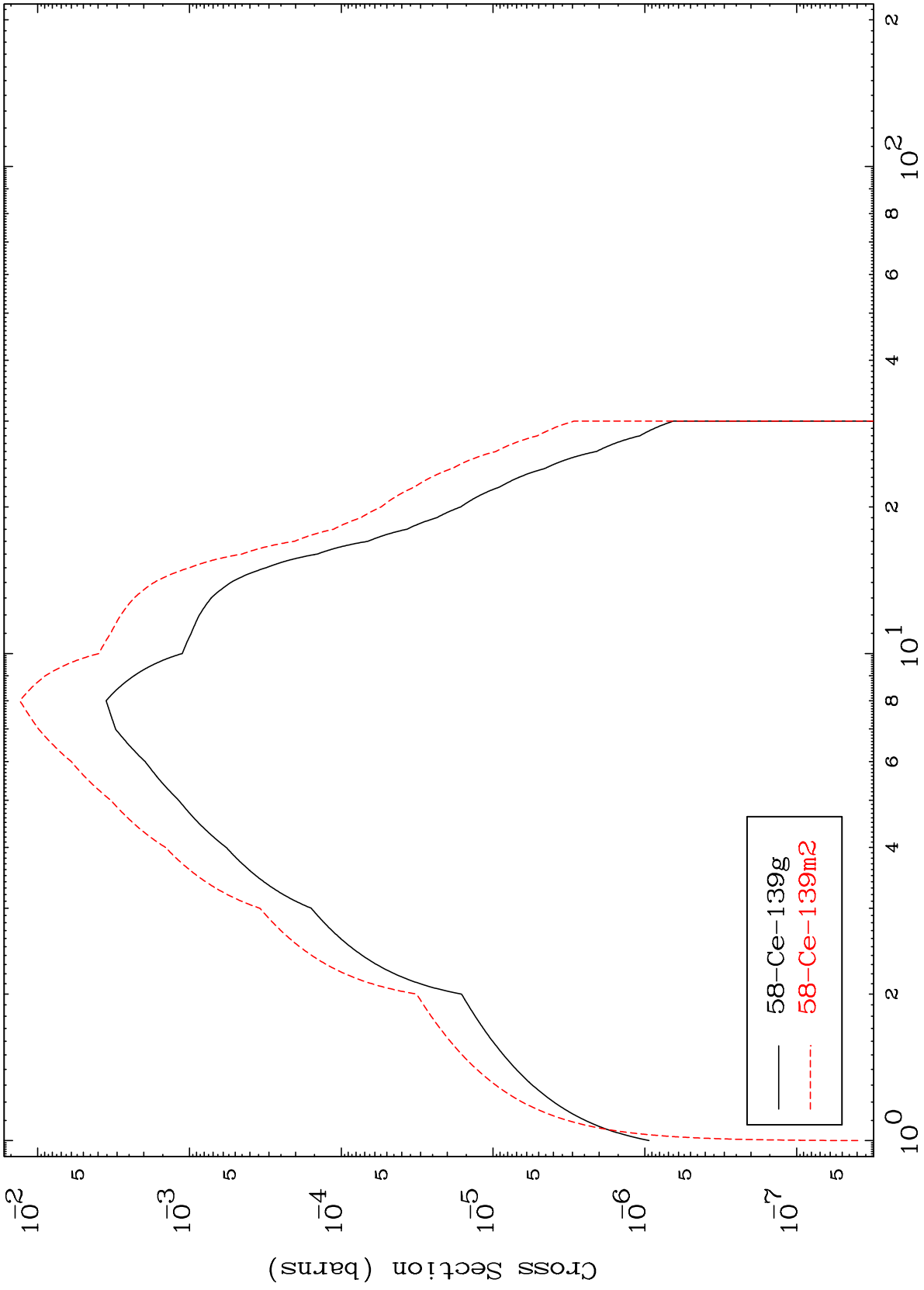
Incident Energy (MeV)

58-Ce-139

MAT 5835

58-Ce-139

Radionuclide Production Cross Section
(γ, γ)



Incident Energy (MeV)

58-Ce-139

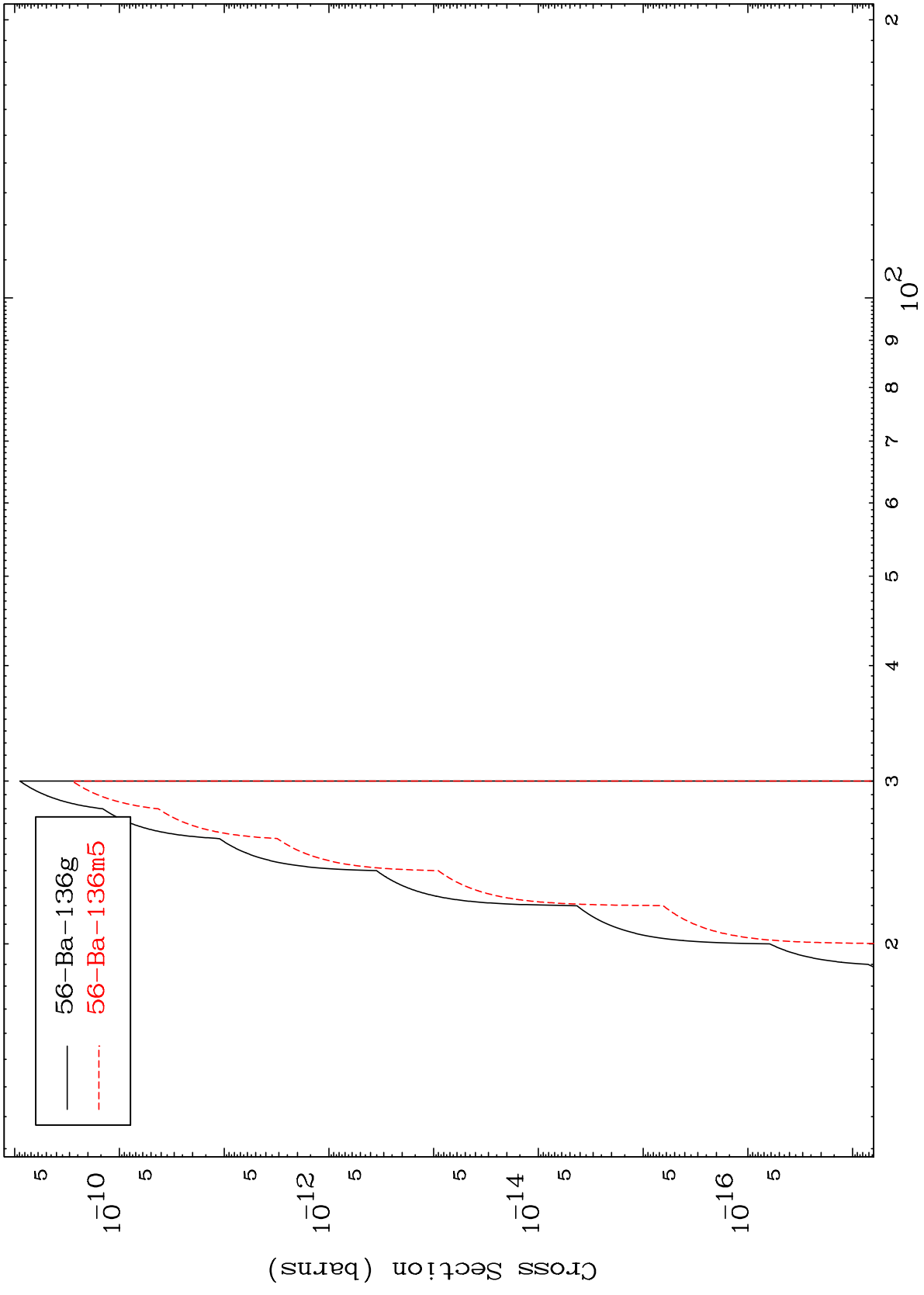
— 58-Ce-139g
- - - 58-Ce-139m2

MAT 5835

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

58-Ce-139

Radionuclide Production Cross Section



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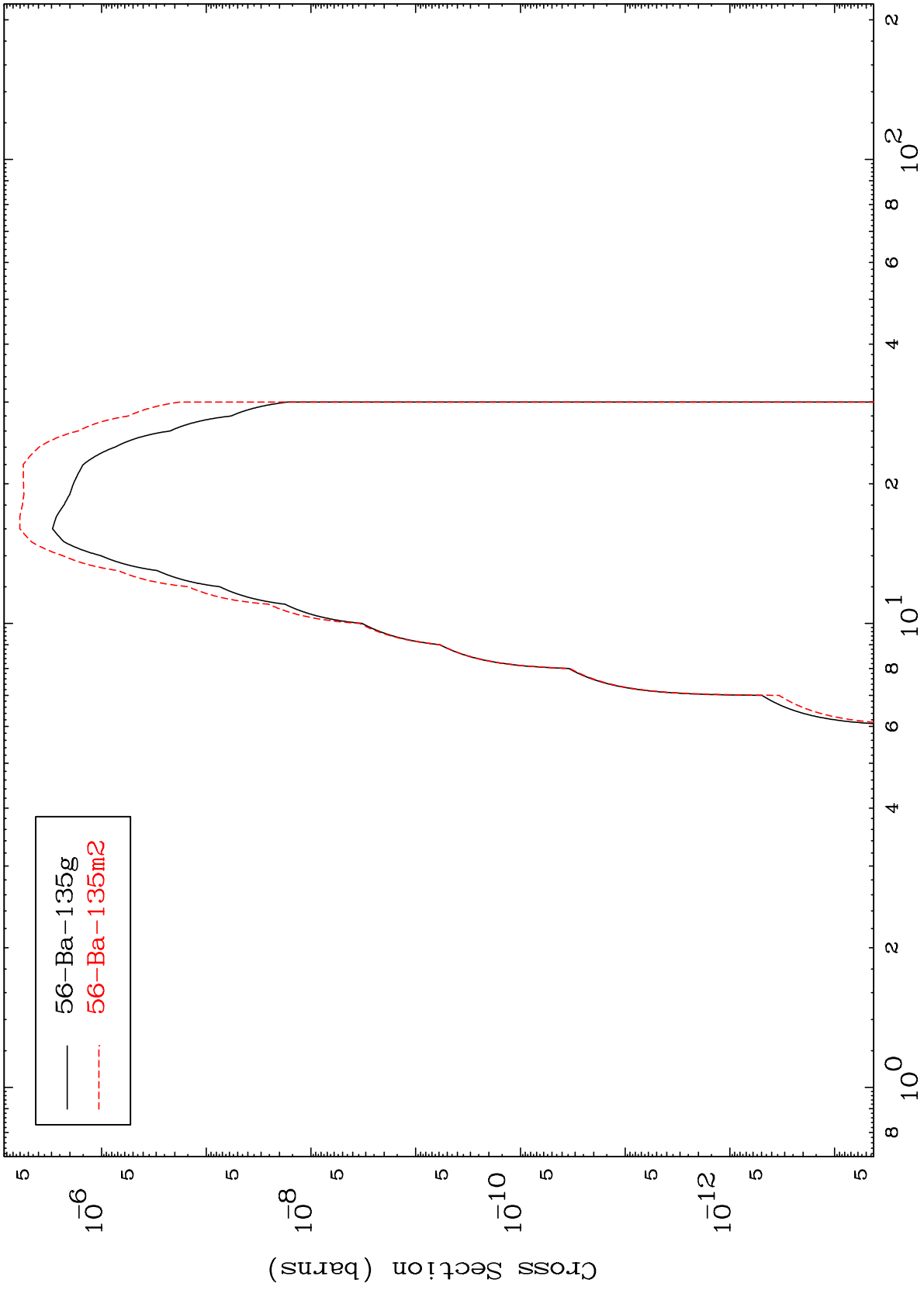
Incident Energy (MeV)

58-Ce-139

MAT 5835

58-Ce-139

(γ, α)
Radionuclide Production Cross Section



15

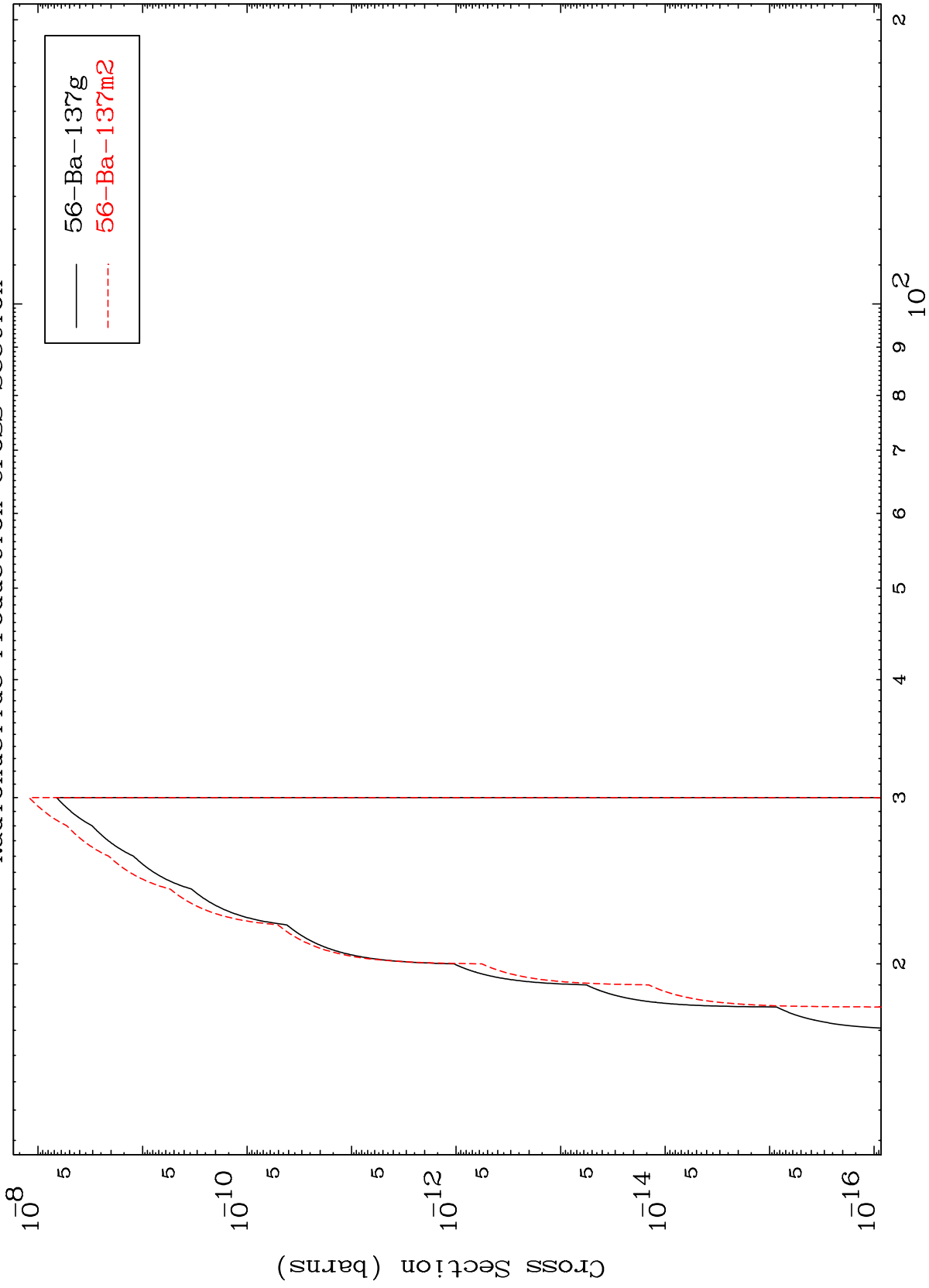
Incident Energy (MeV)

58-Ce-139

MAT 5835

58-Ce-139

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



16

Incident Energy (MeV)

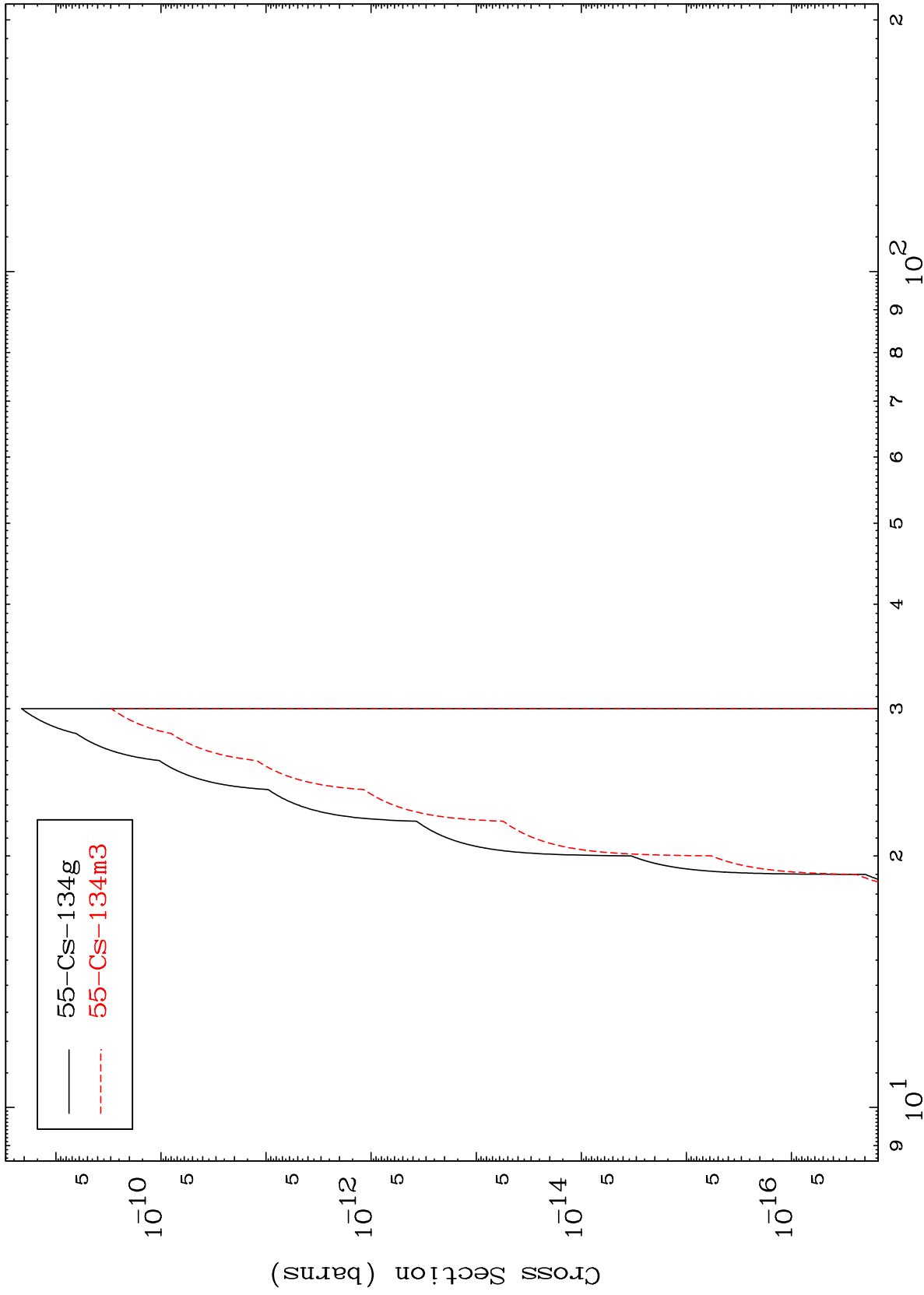
58-Ce-139

MAT 5835

(γ, p) α

58-Ce-139

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3