

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

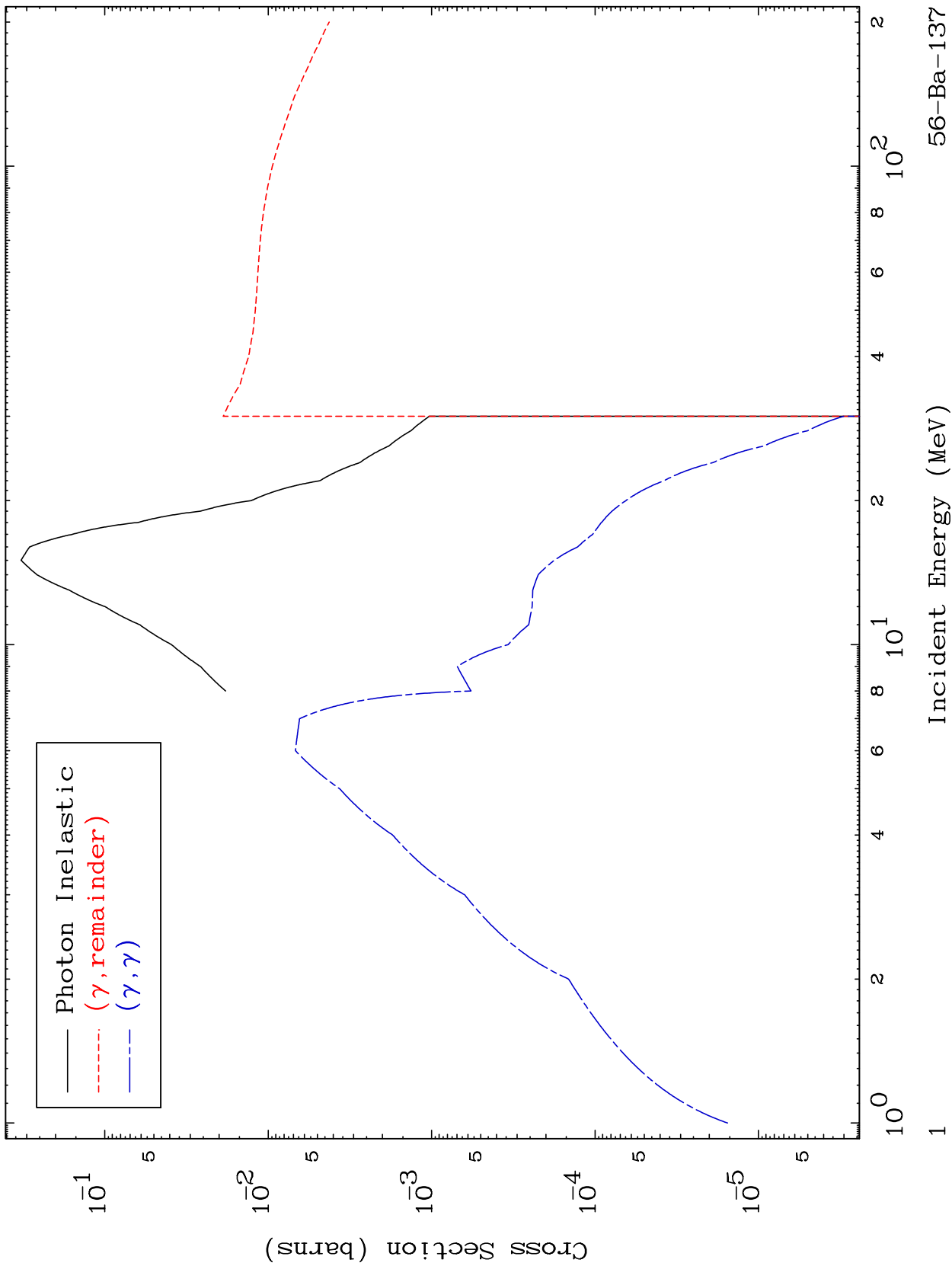
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5646

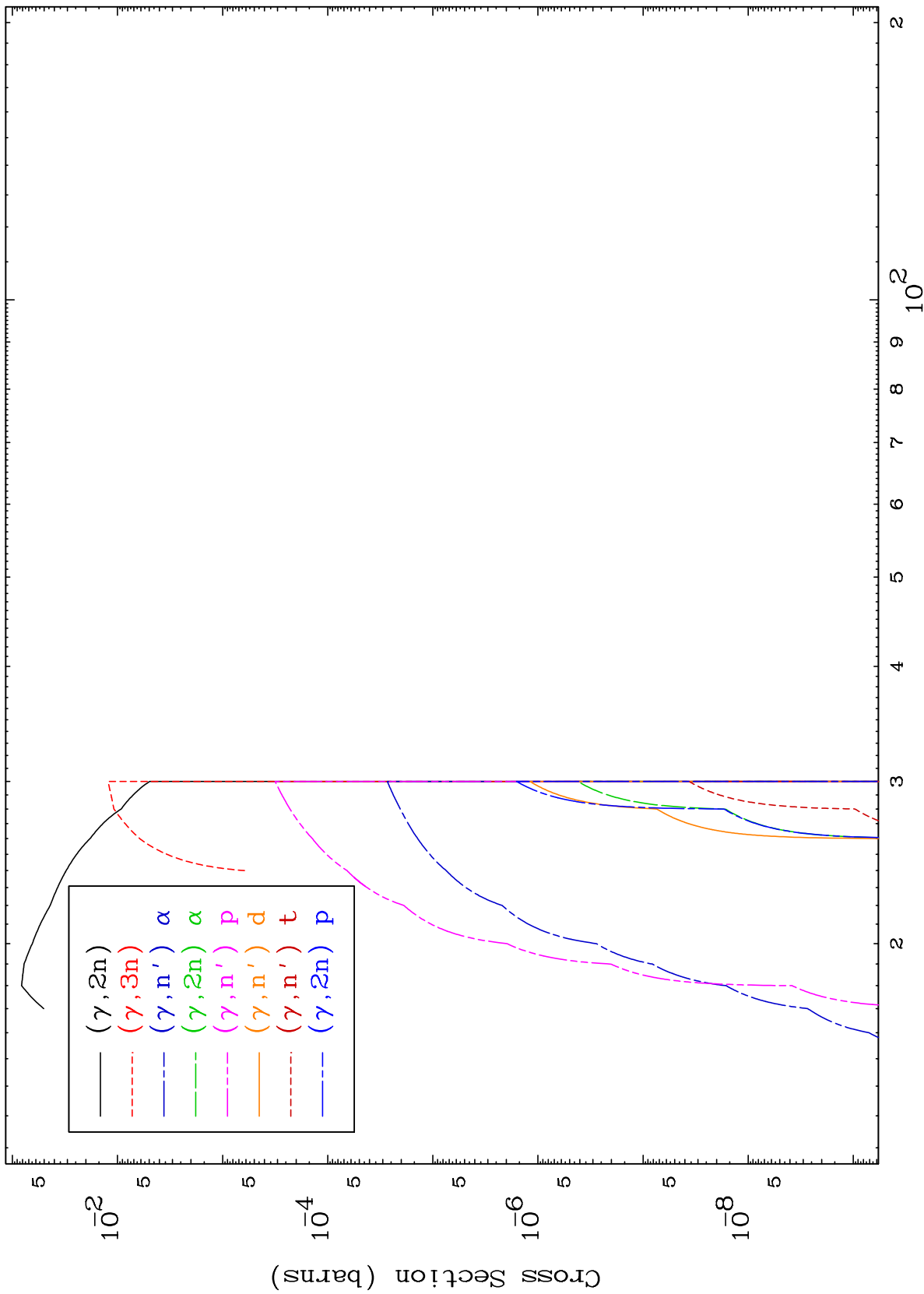
Photon Major
0 Kelvin Cross Sections

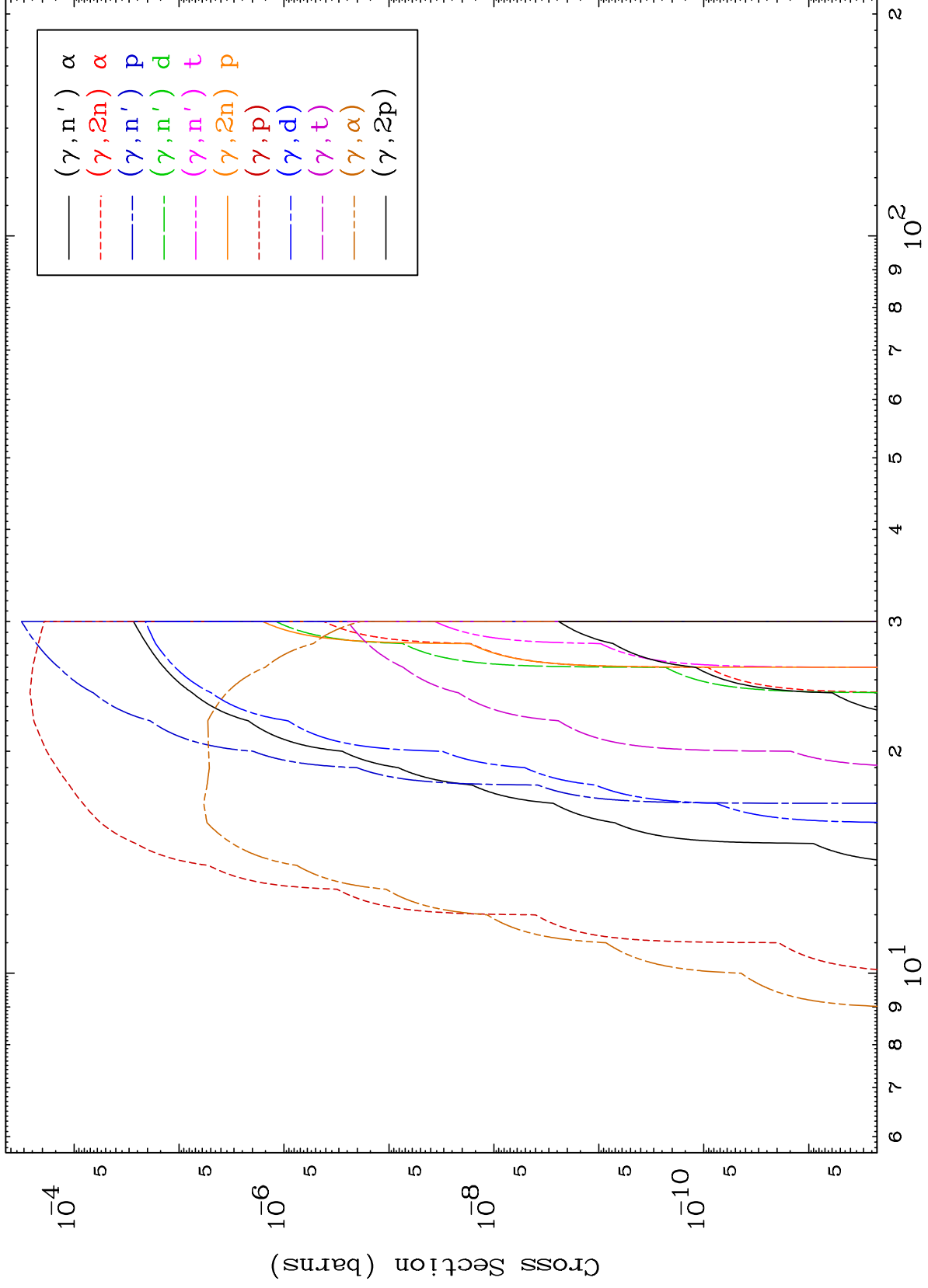
56-Ba-137



56-Ba-137

Incident Energy (MeV)



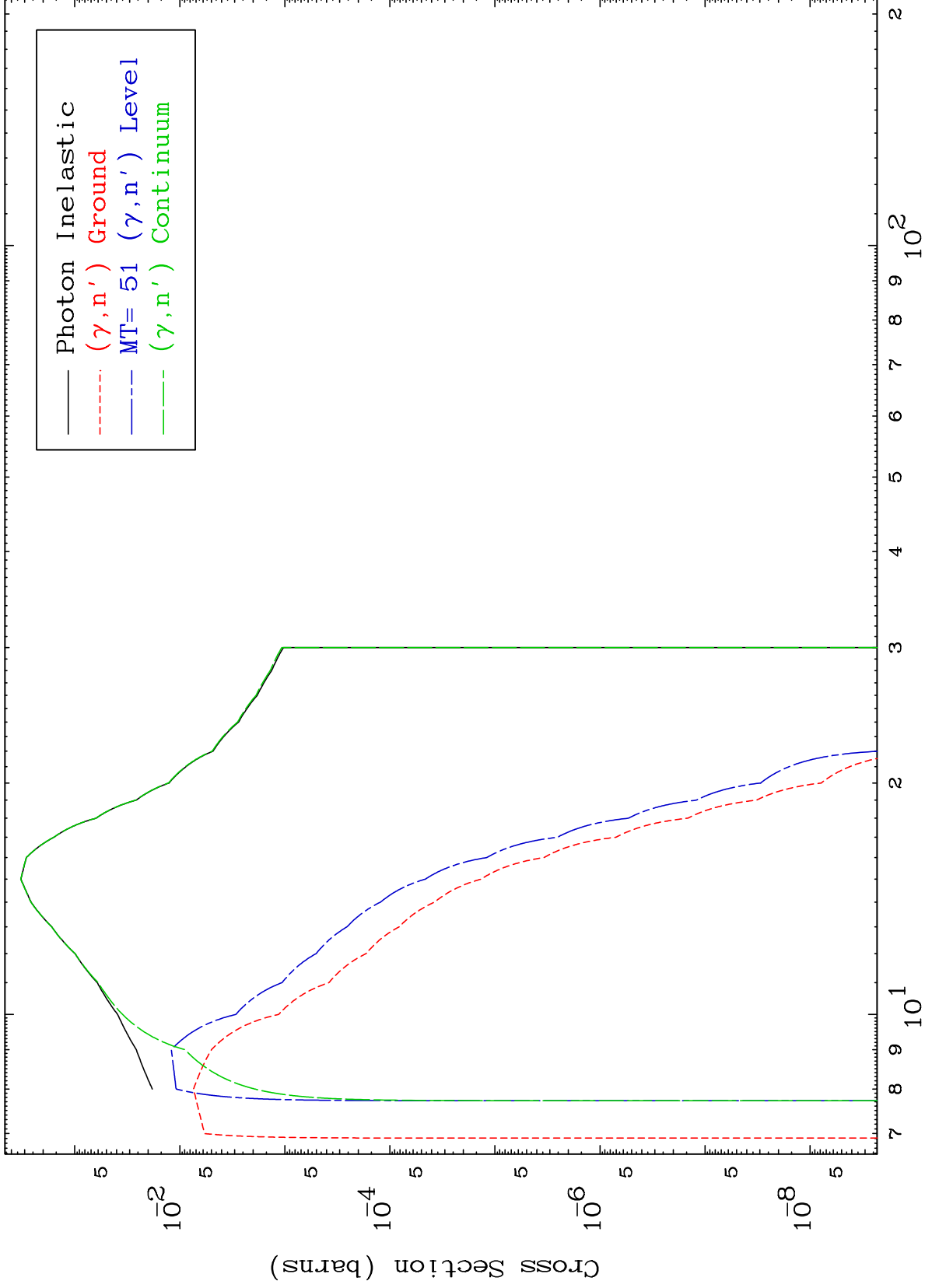


MAT 5646

(γ, n') Level

56-Ba-137

0 Kelvin Cross Sections



4

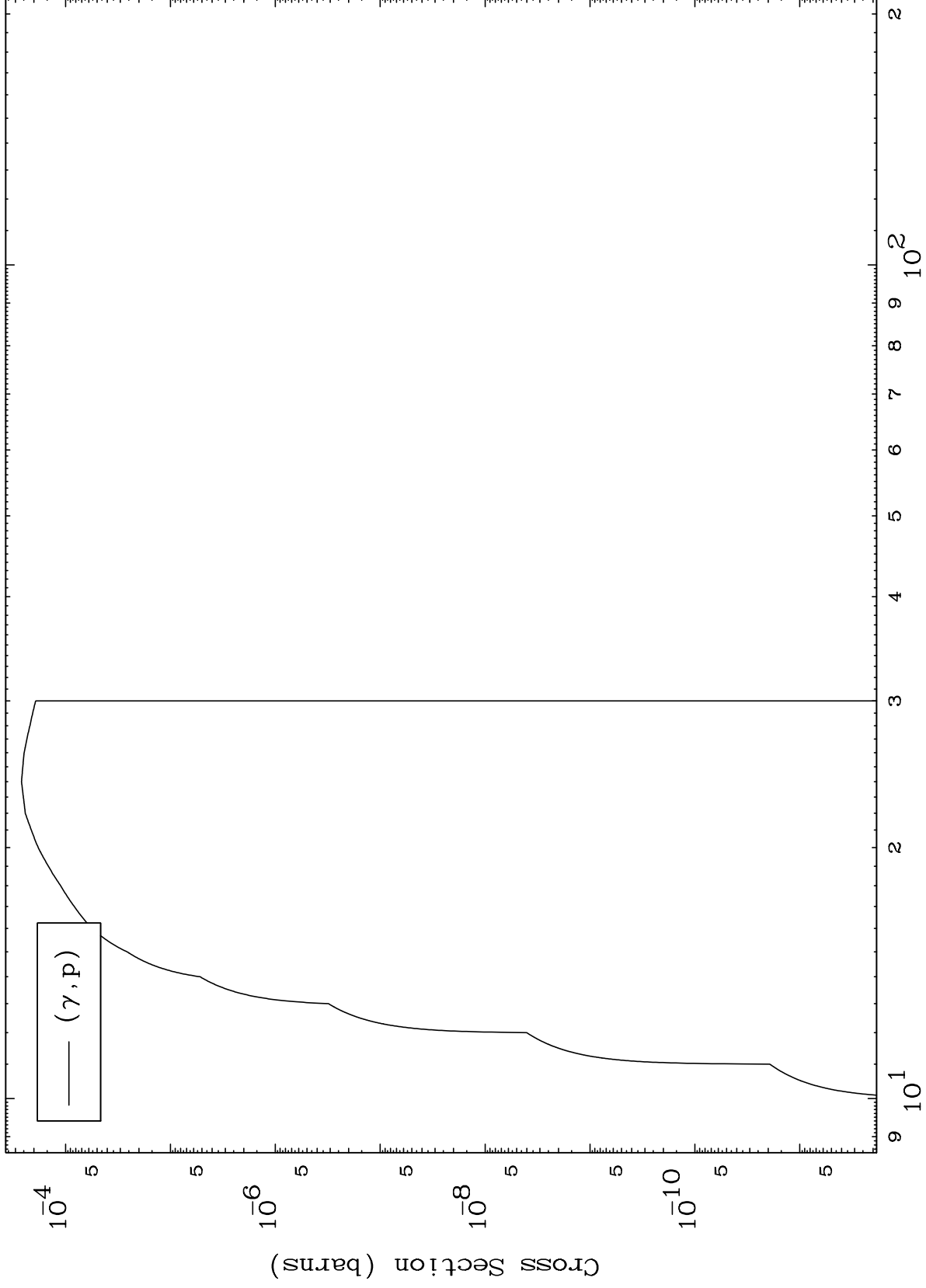
Incident Energy (MeV)

56-Ba-137

MAT 5646

(γ, p) Levels
0 Kelvin Cross Sections

56-Ba-137



Incident Energy (MeV)

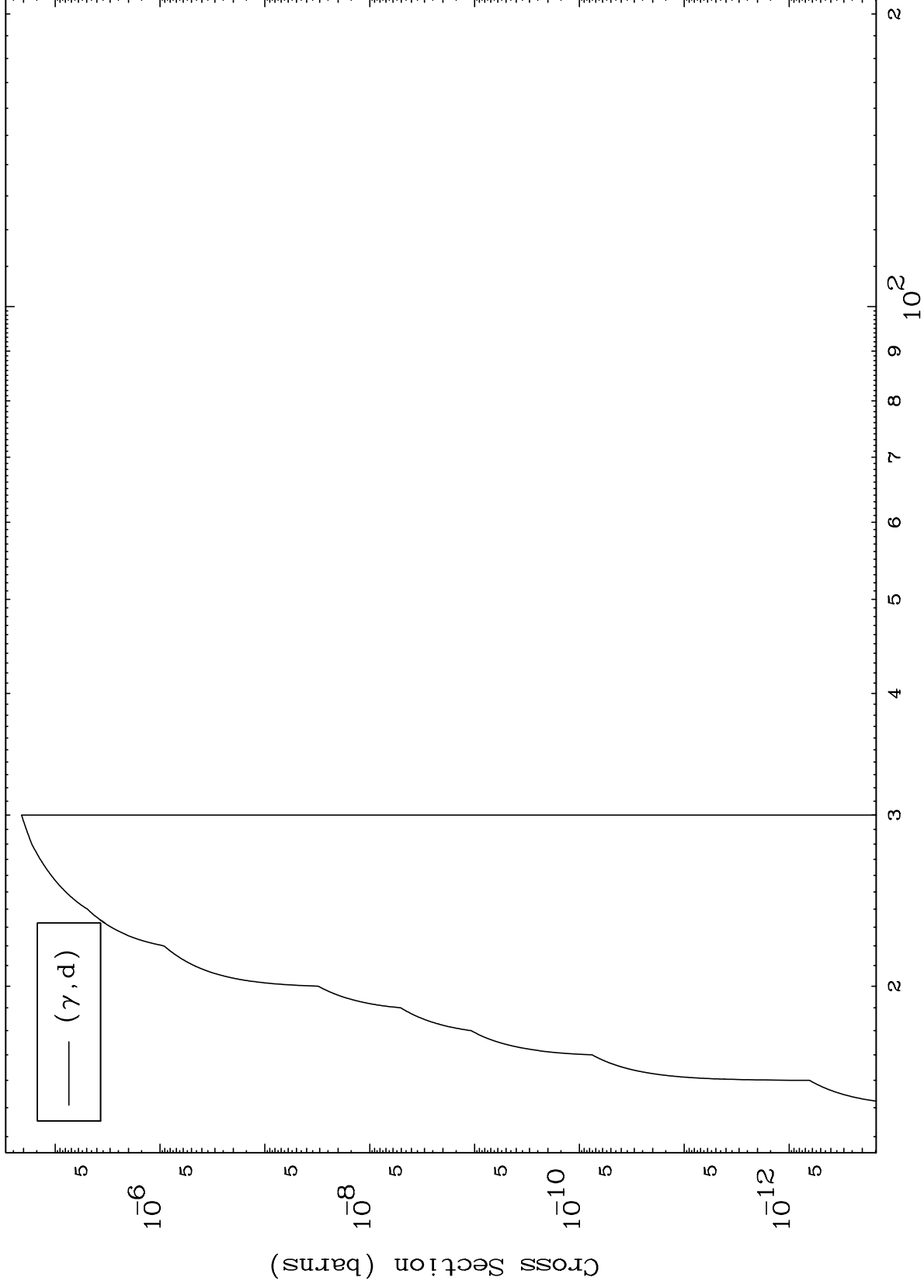
56-Ba-137

5

MAT 5646

(γ, d) Levels
0 Kelvin Cross Sections

56-Ba-137



6

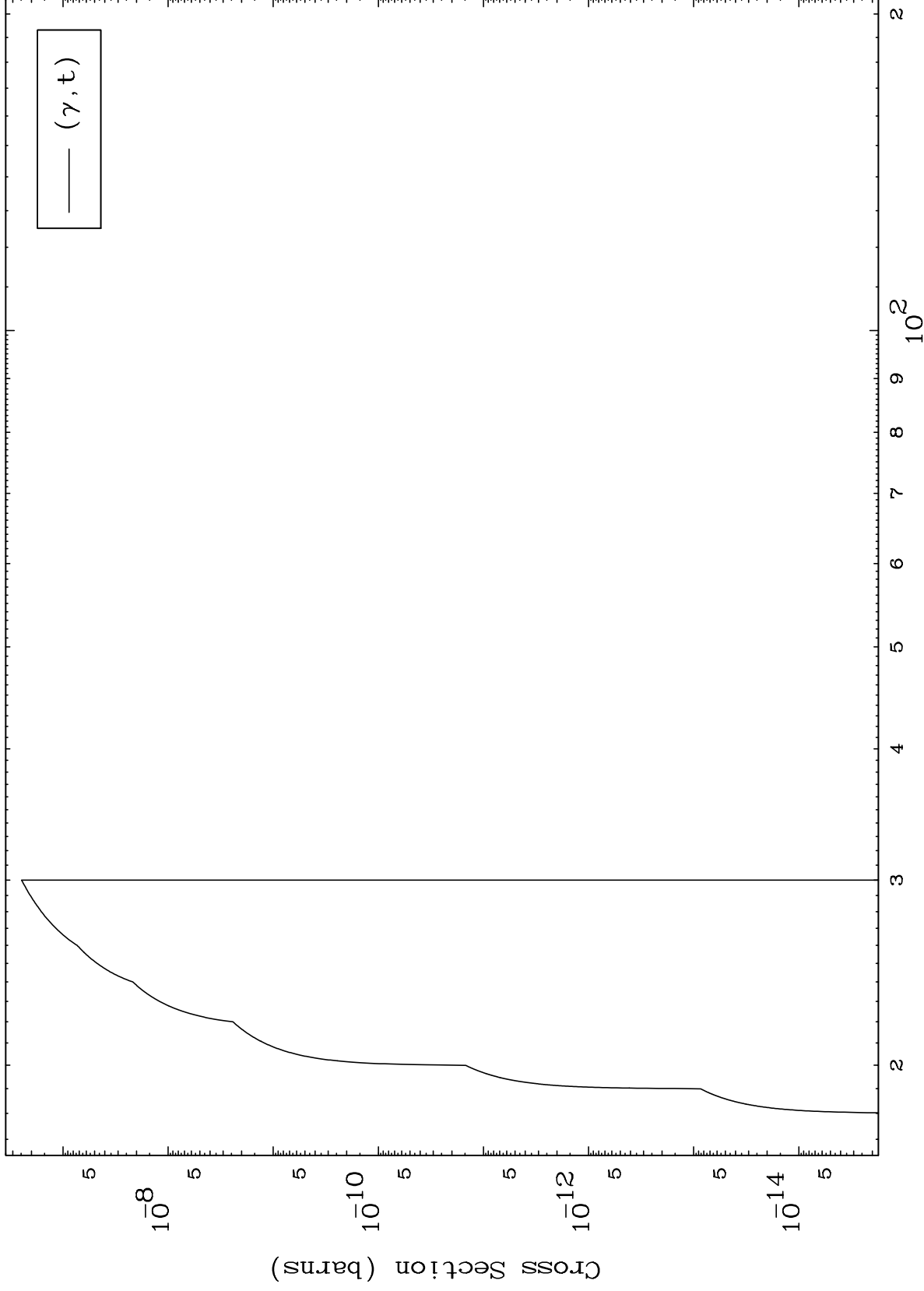
Incident Energy (MeV)

56-Ba-137

MAT 5646

(γ, t) Levels
0 Kelvin Cross Sections

56-Ba-137



7

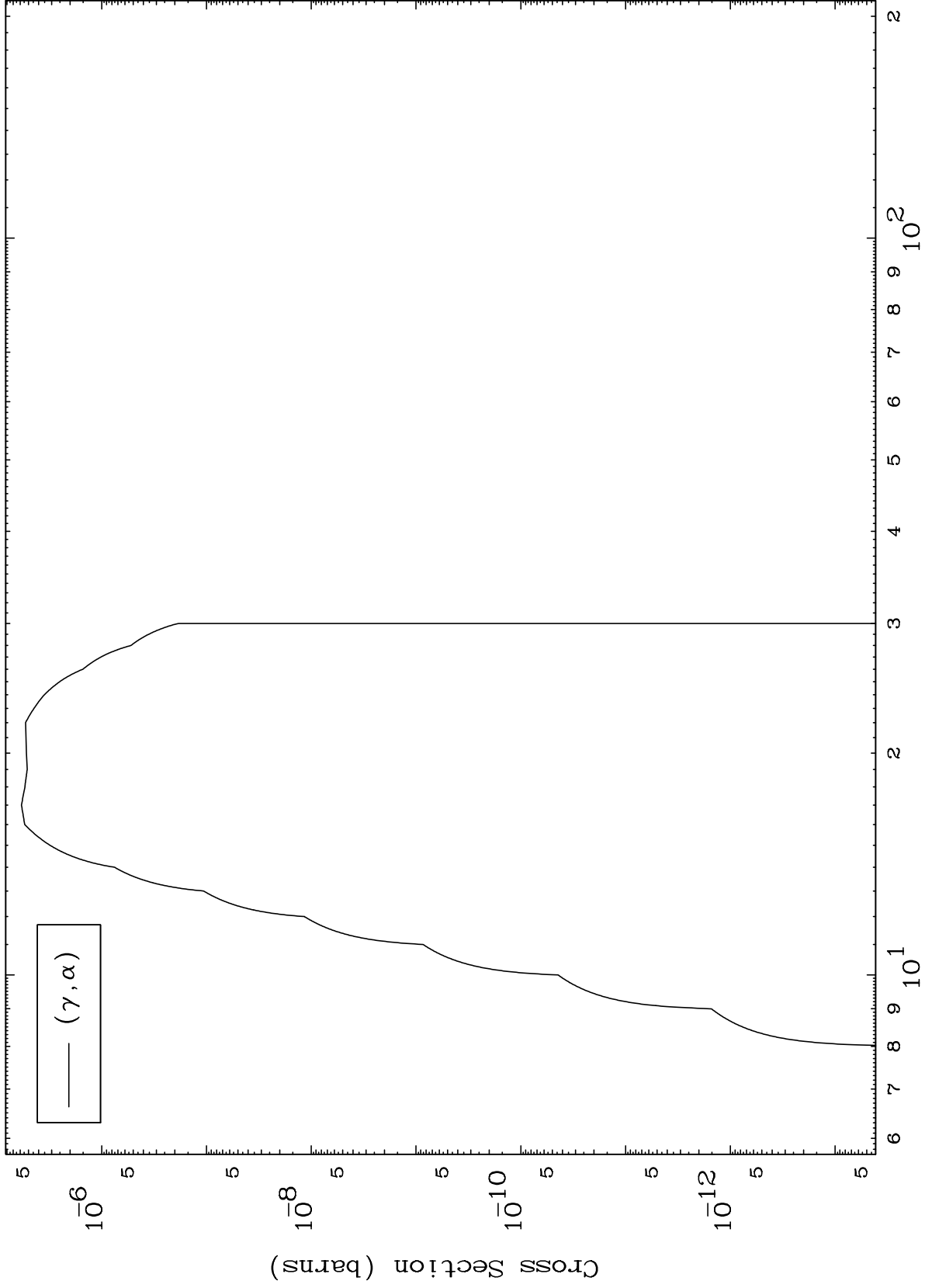
Incident Energy (MeV)

56-Ba-137

MAT 5646

(γ, α) Levels
0 Kelvin Cross Sections

56-Ba-137



8

Incident Energy (MeV)

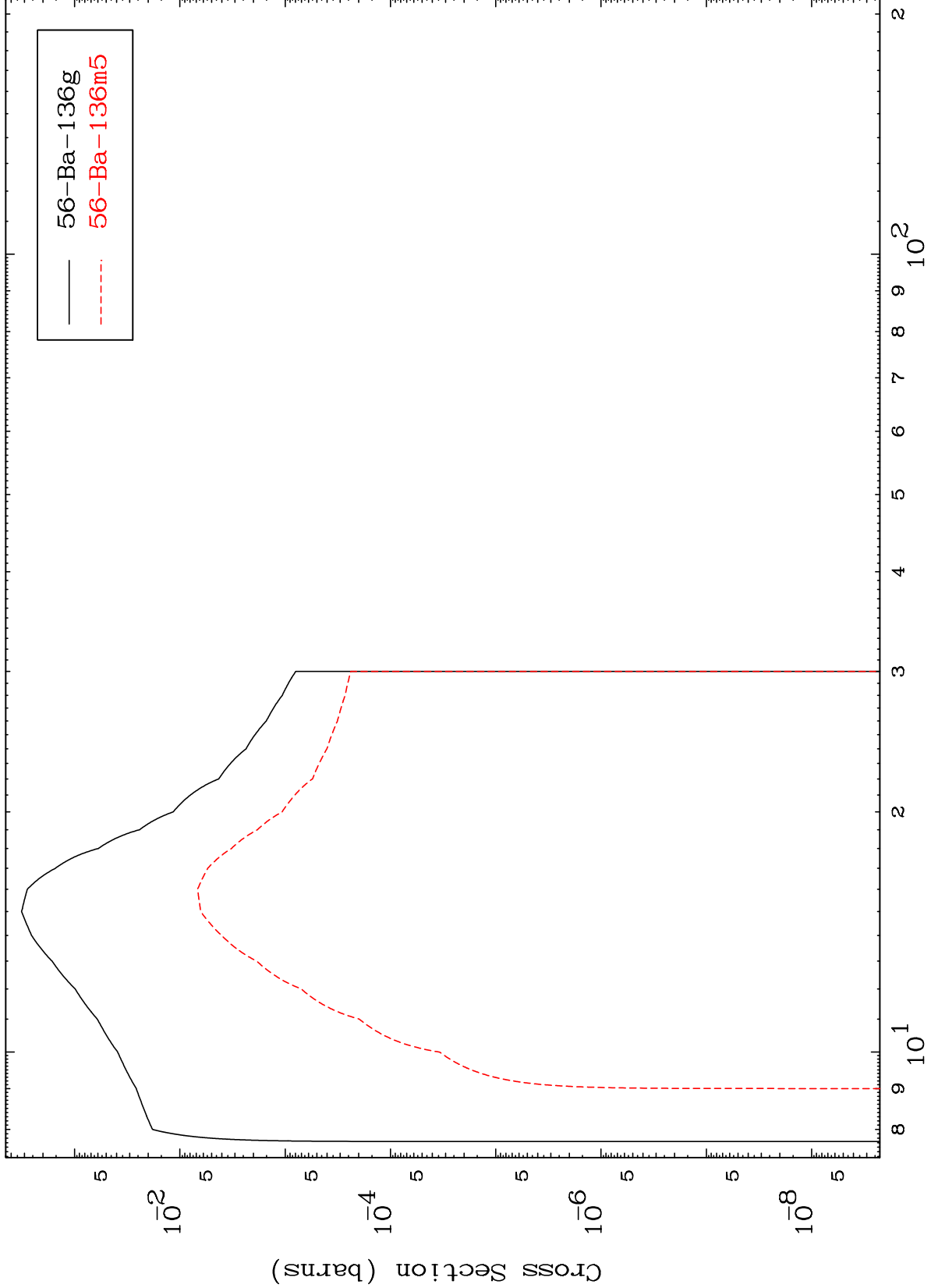
56-Ba-137

MAT 5646

Photon Inelastic

56-Ba-137

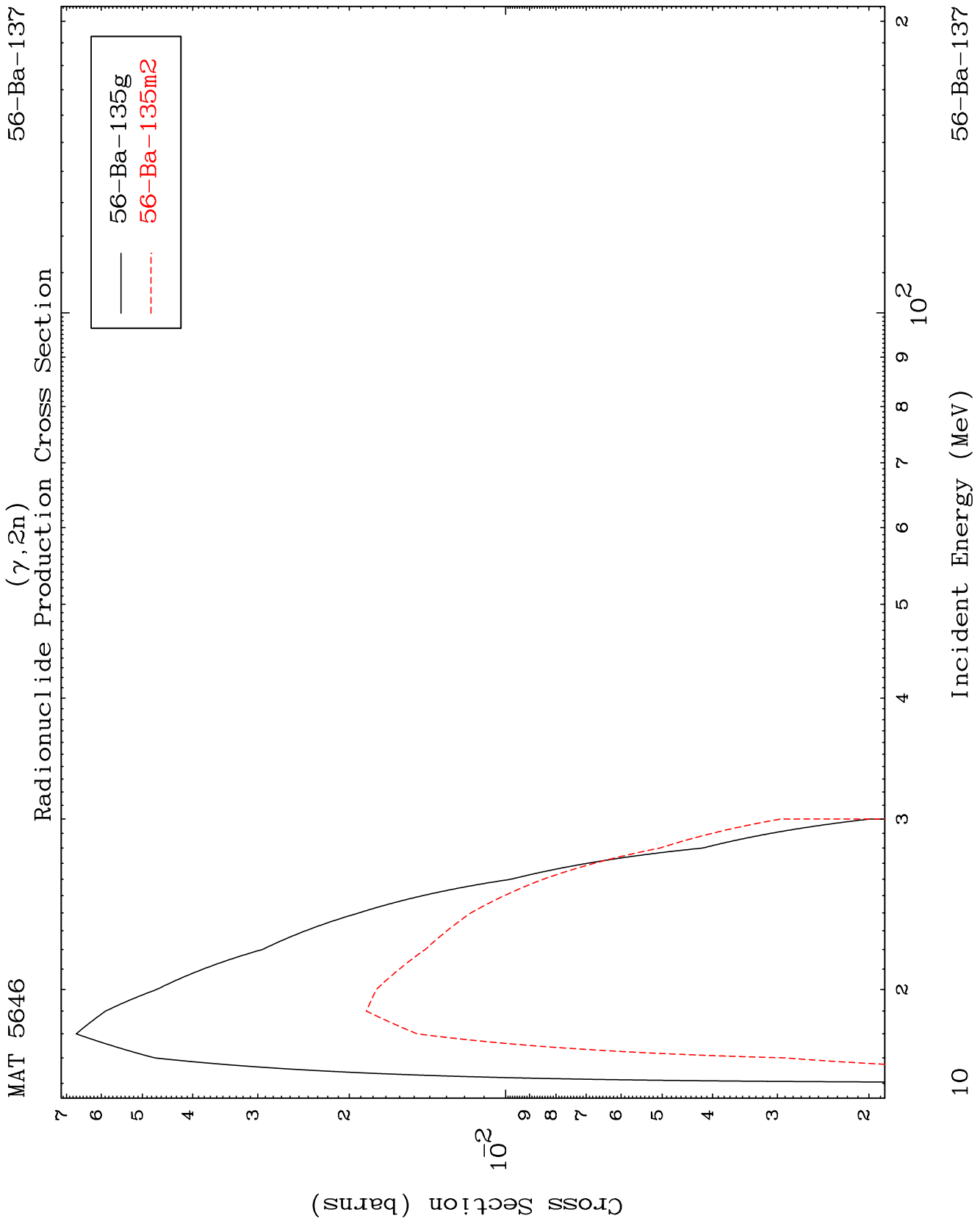
Radionuclide Production Cross Section



9

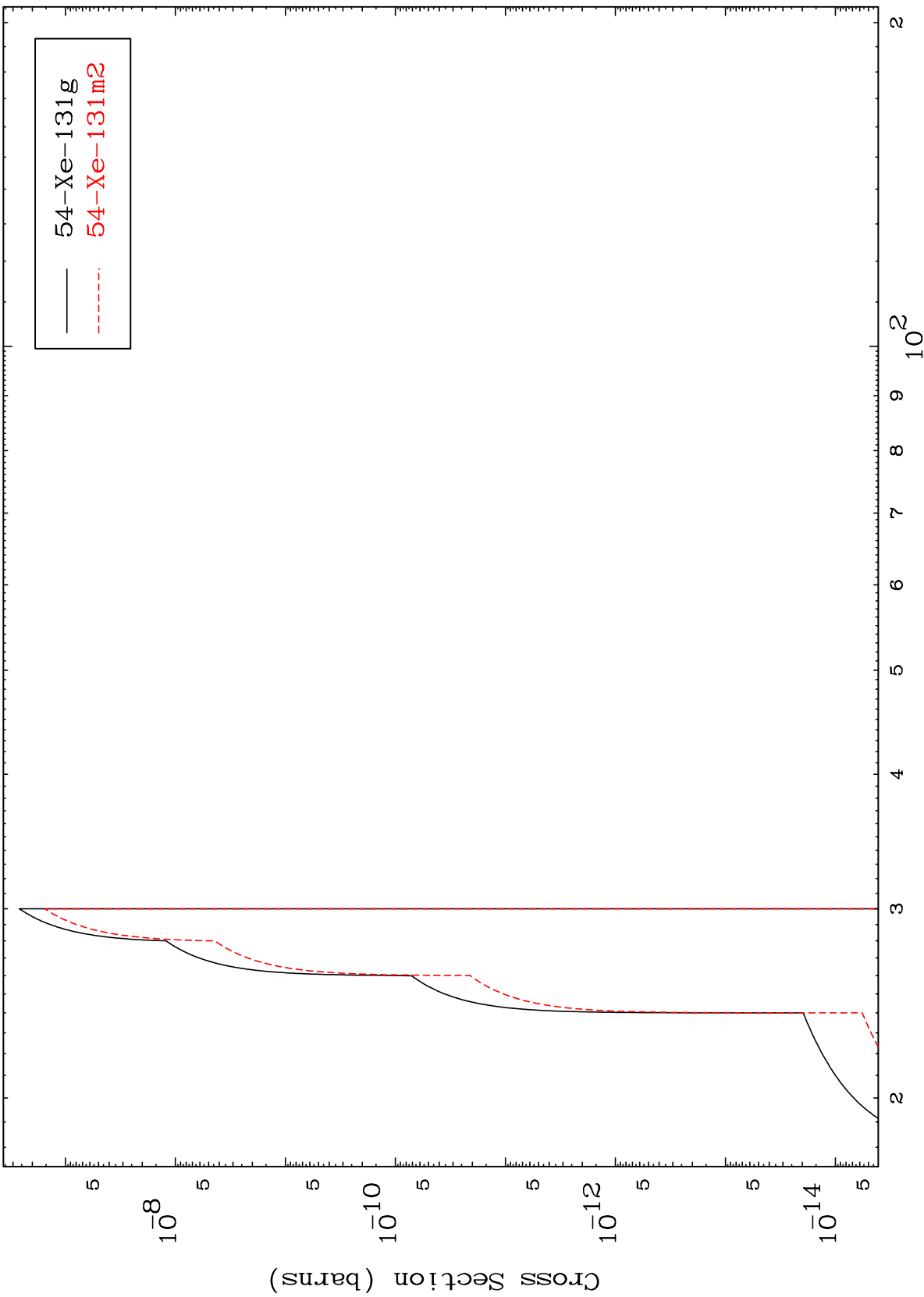
Incident Energy (MeV)

56-Ba-137



$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section

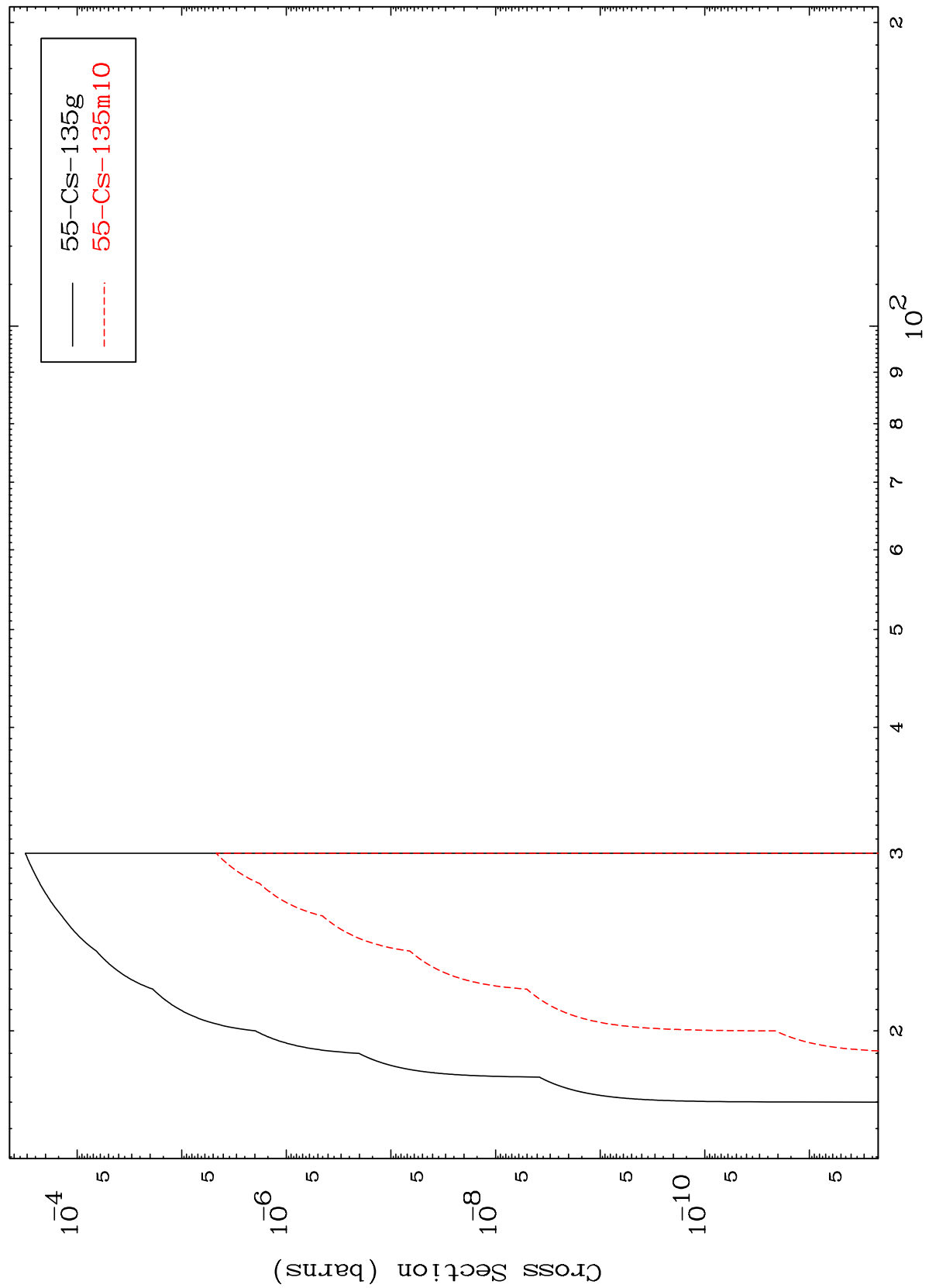


Incident Energy (MeV)

MAT 5646

56-Ba-137

(γ, n') p
Radionuclide Production Cross Section



12

56-Ba-137

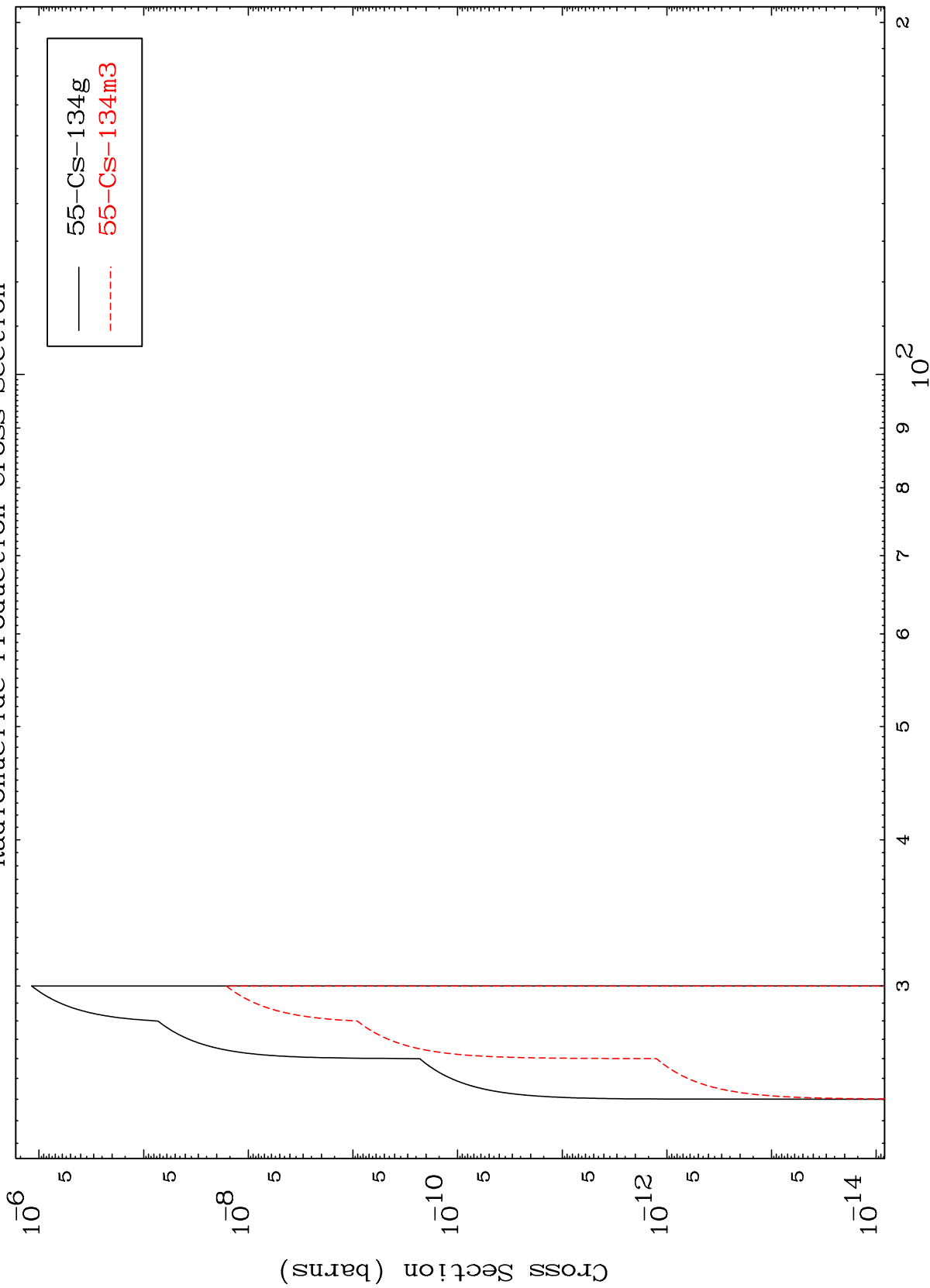
Incident Energy (MeV)

MAT 5646

(γ, n') d

56-Ba-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

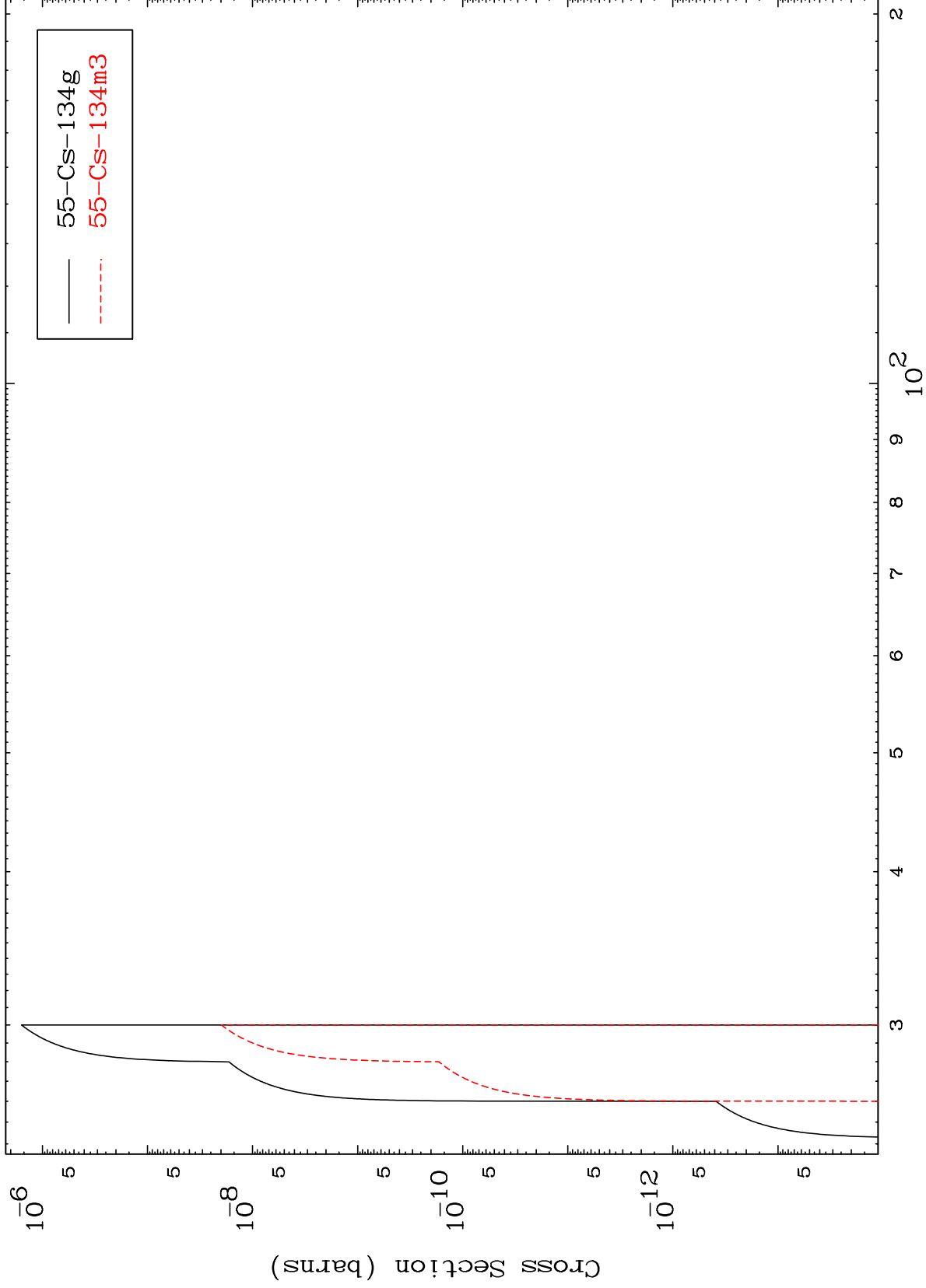
56-Ba-137

MAT 5646

$(\gamma, 2n)$ p

56-Ba-137

Radionuclide Production Cross Section



14

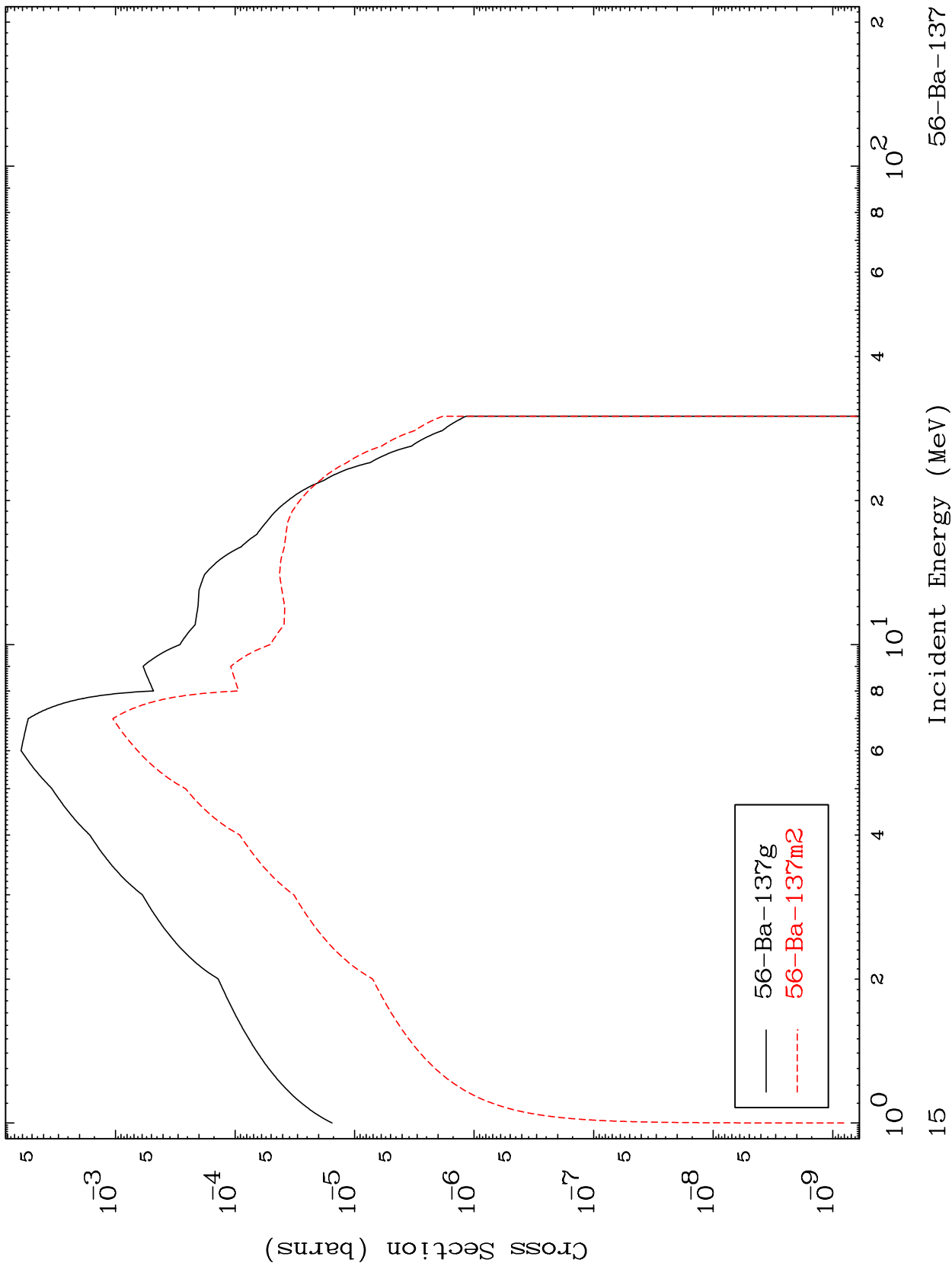
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

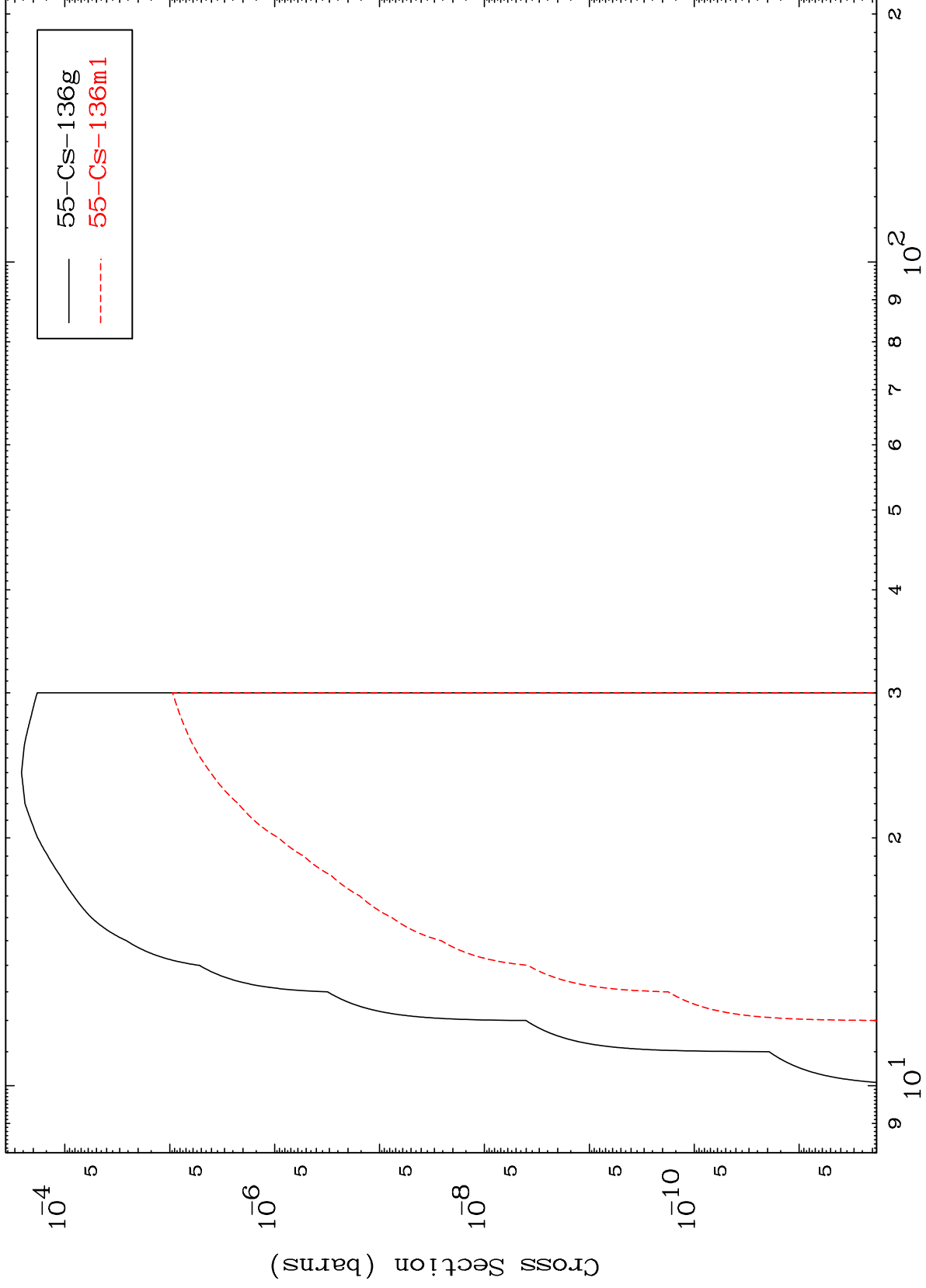
Radionuclide Production Cross Section
(γ, γ)



MAT 5646

56-Ba-137

(γ, p)
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

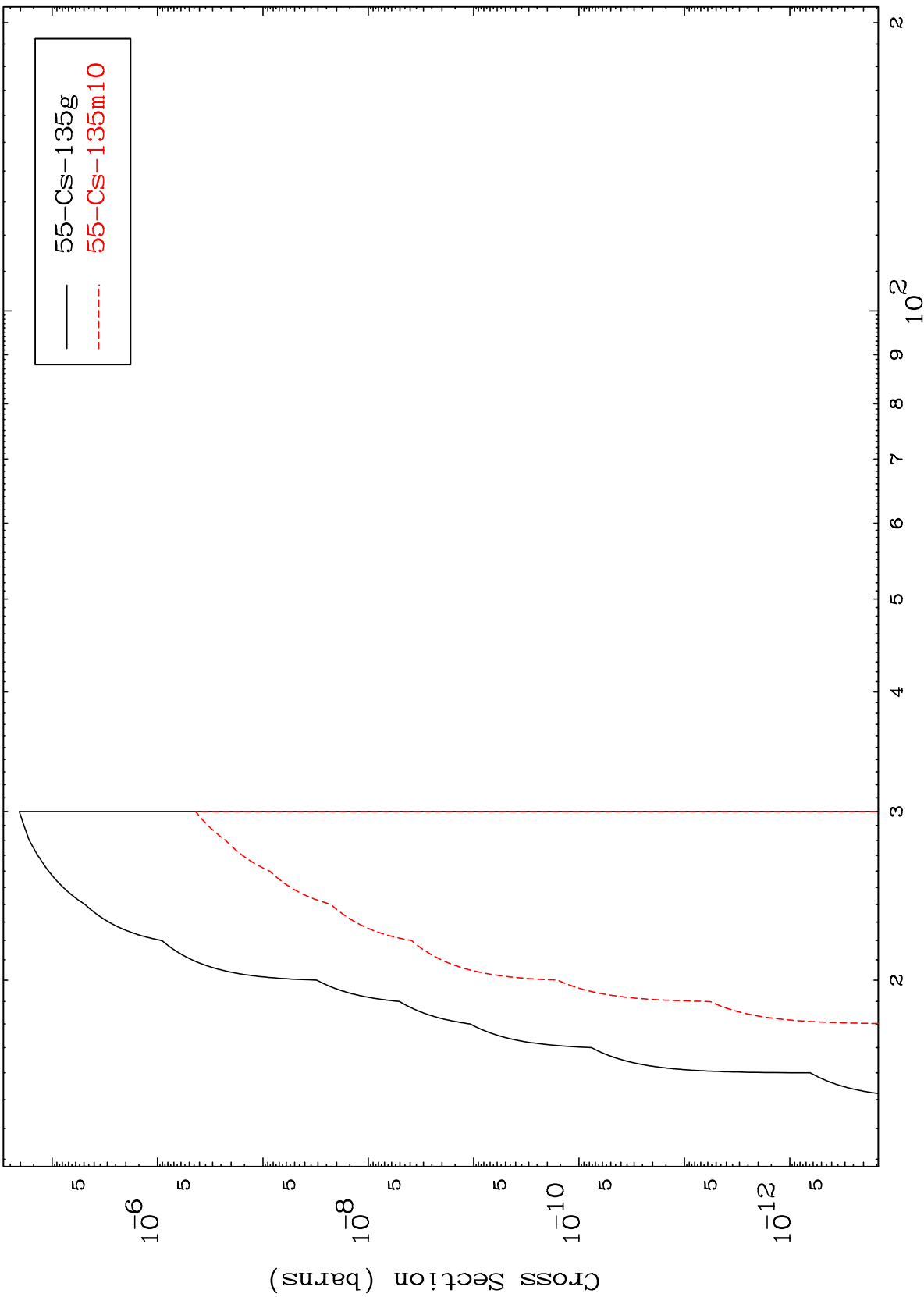
16

MAT 5646

(γ, d)

56-Ba-137

Radionuclide Production Cross Section

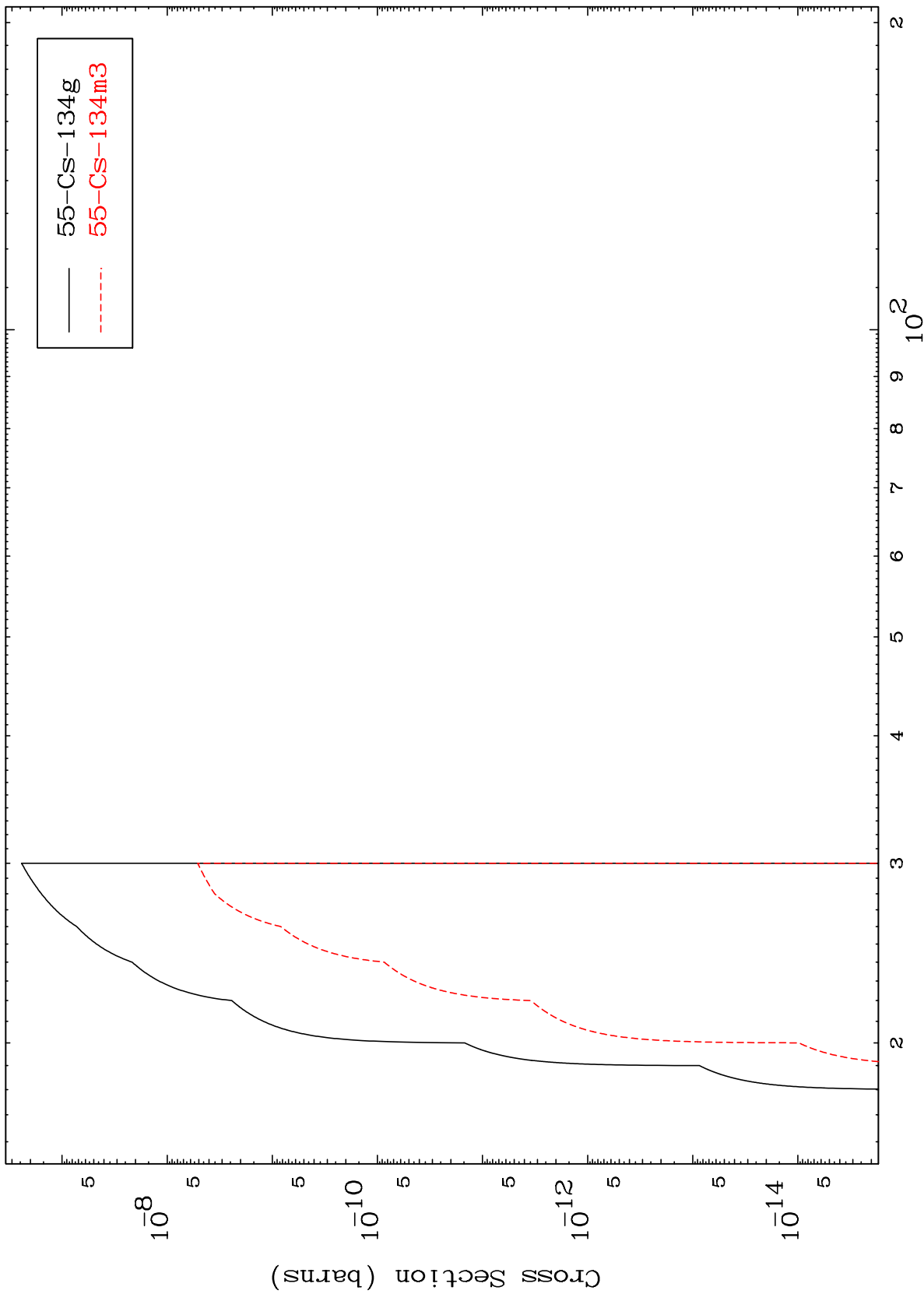


17

Incident Energy (MeV)

56-Ba-137

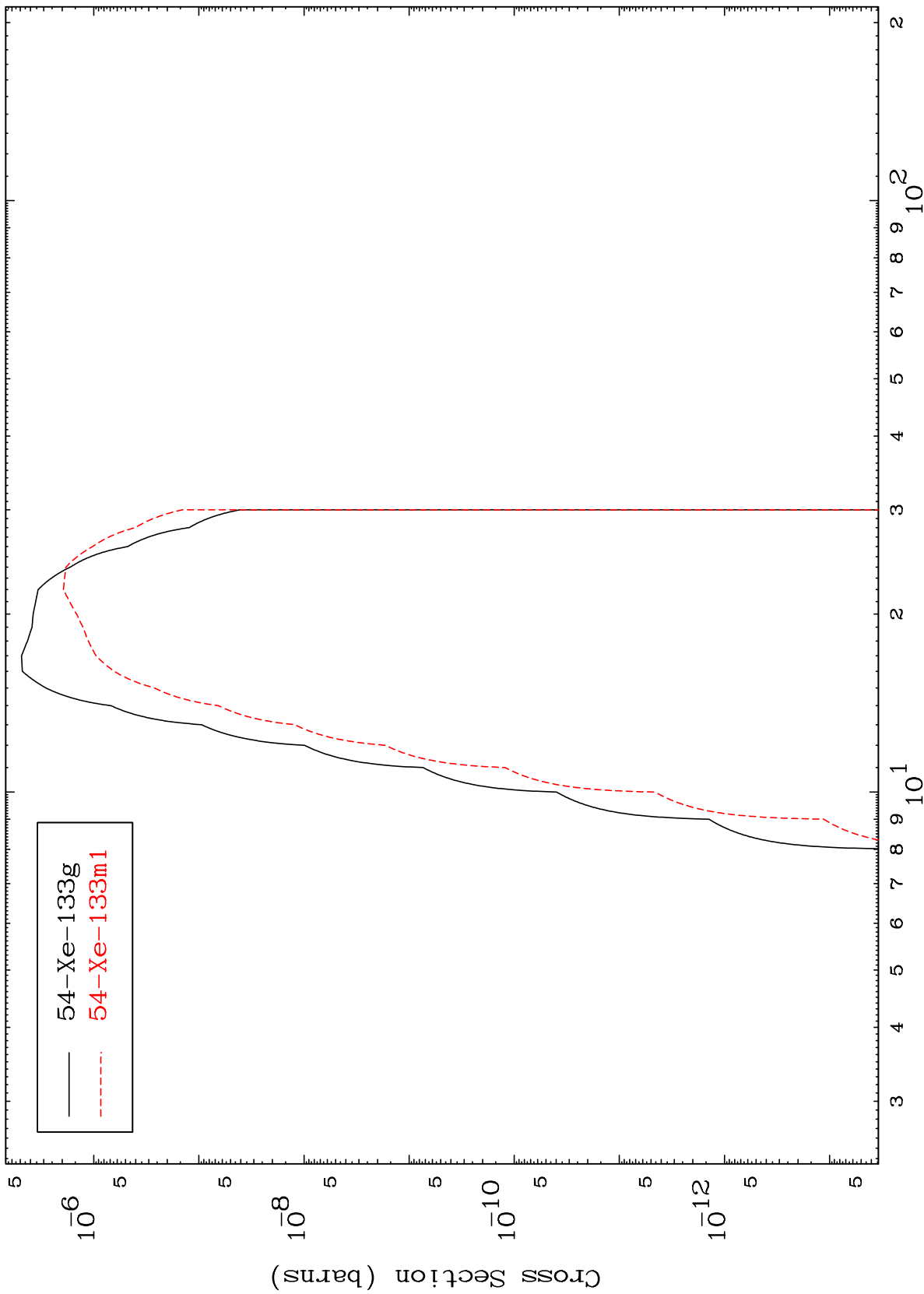
(γ, t)
Radionuclide Production Cross Section



MAT 5646

56-Ba-137

Radionuclide Production Cross Section
(γ, α)



54-Xe-133g
54-Xe-133m1

56-Ba-137

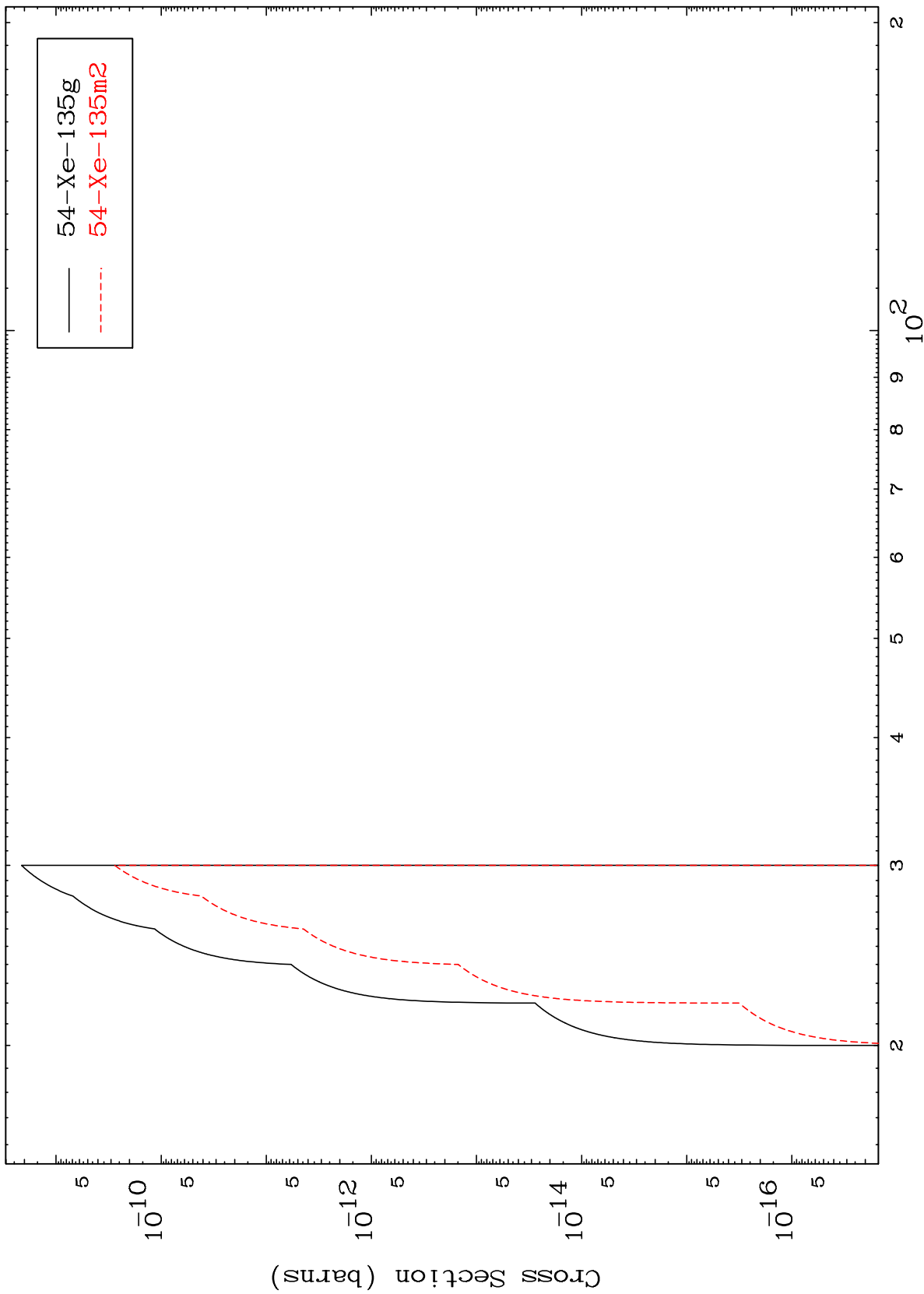
Incident Energy (MeV)

19

MAT 5646

56-Ba-137

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



20

Incident Energy (MeV)

56-Ba-137