

Program EVALPLOT
(Version 2018-1)

by

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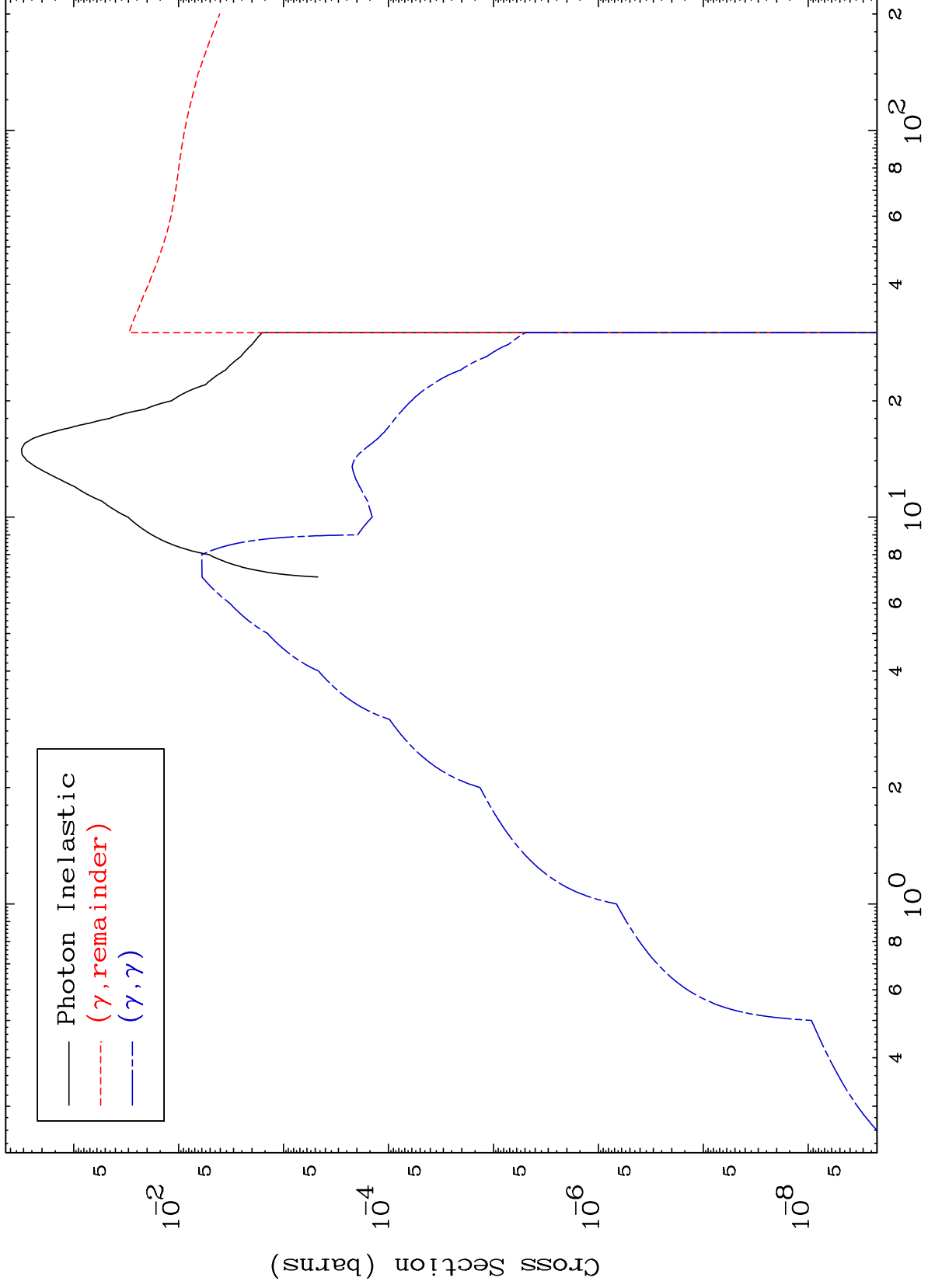
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5647

Photon Major
0 Kelvin Cross Sections

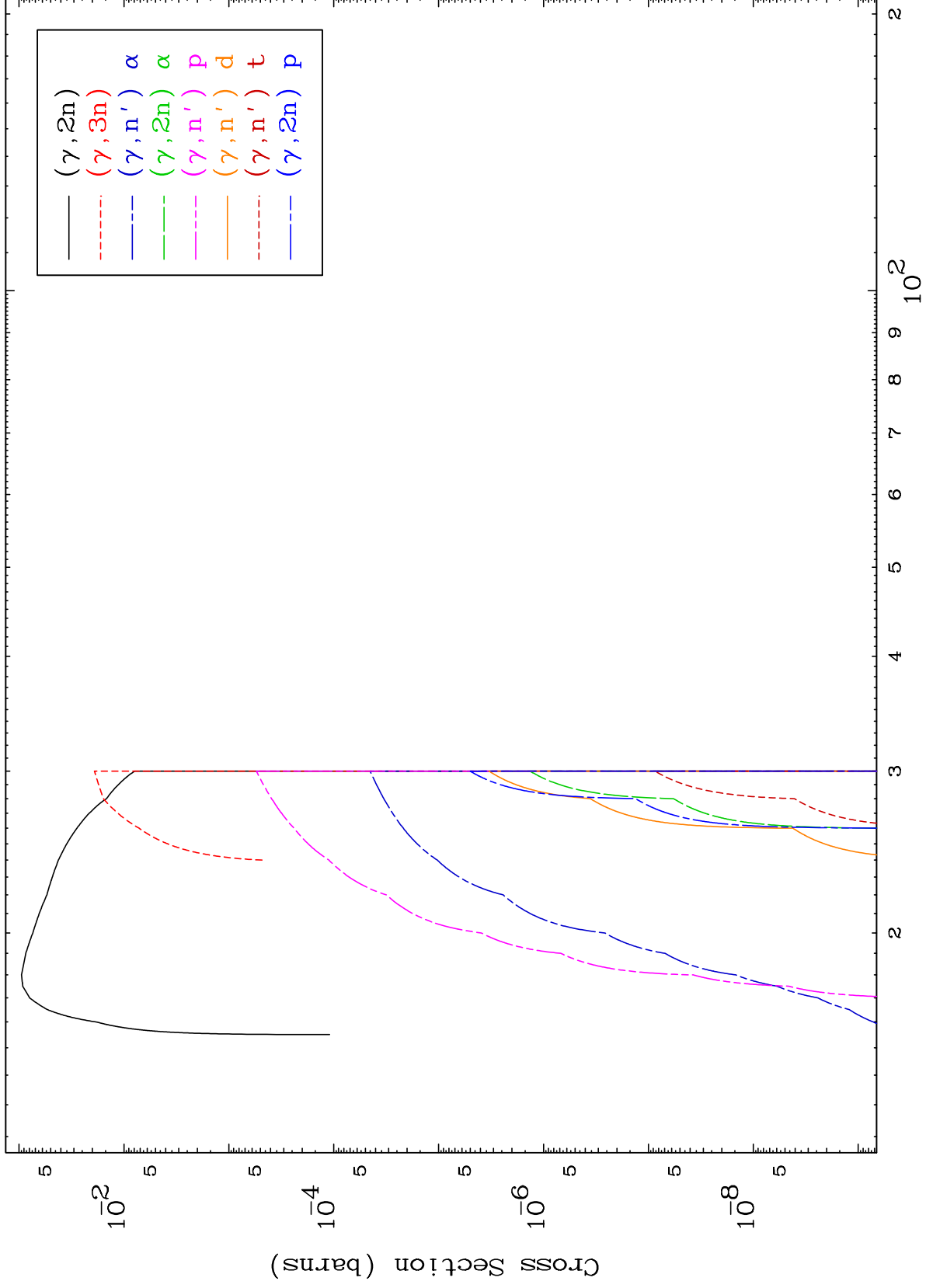
56-Ba-137



1

Incident Energy (MeV)

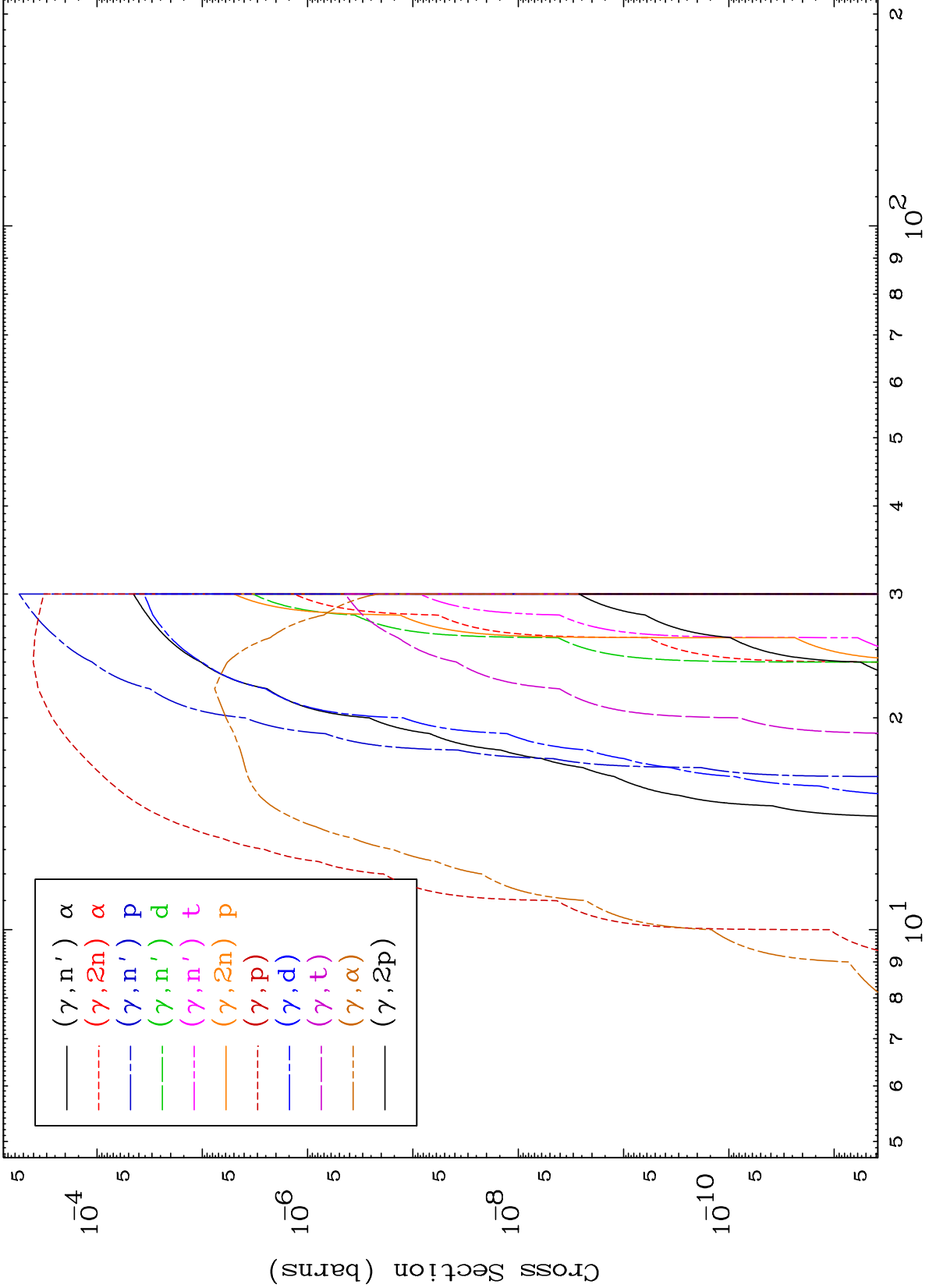
56-Ba-137



MAT 5647

Photon Charged Particle
0 Kelvin Cross Sections

56-Ba-137



56-Ba-137

Incident Energy (MeV)

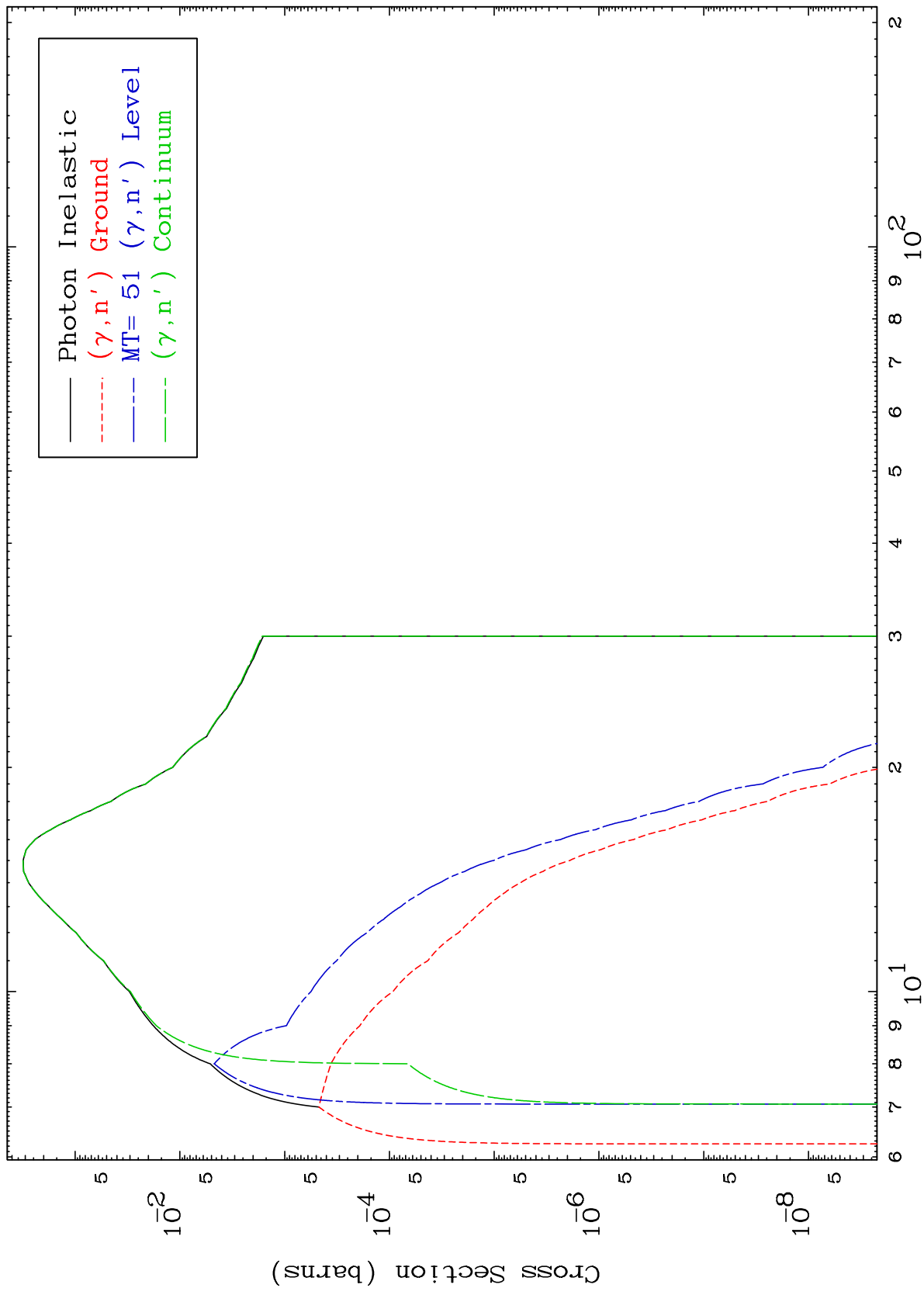
3

MAT 5647

(γ, n') Level

56-Ba-137

0 Kelvin Cross Sections



4

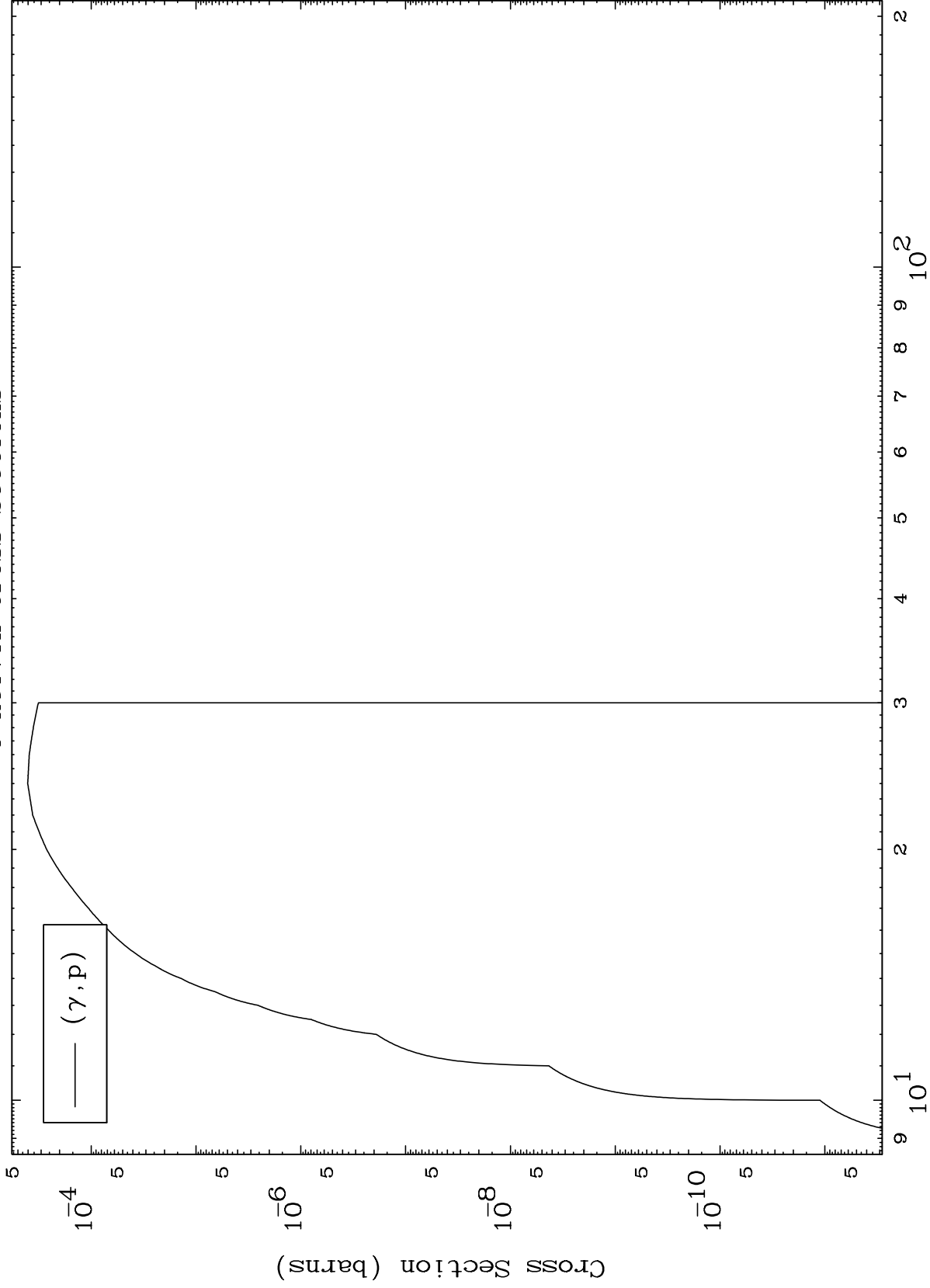
Incident Energy (MeV)

56-Ba-137

MAT 5647

(γ, p) Levels
0 Kelvin Cross Sections

56-Ba-137



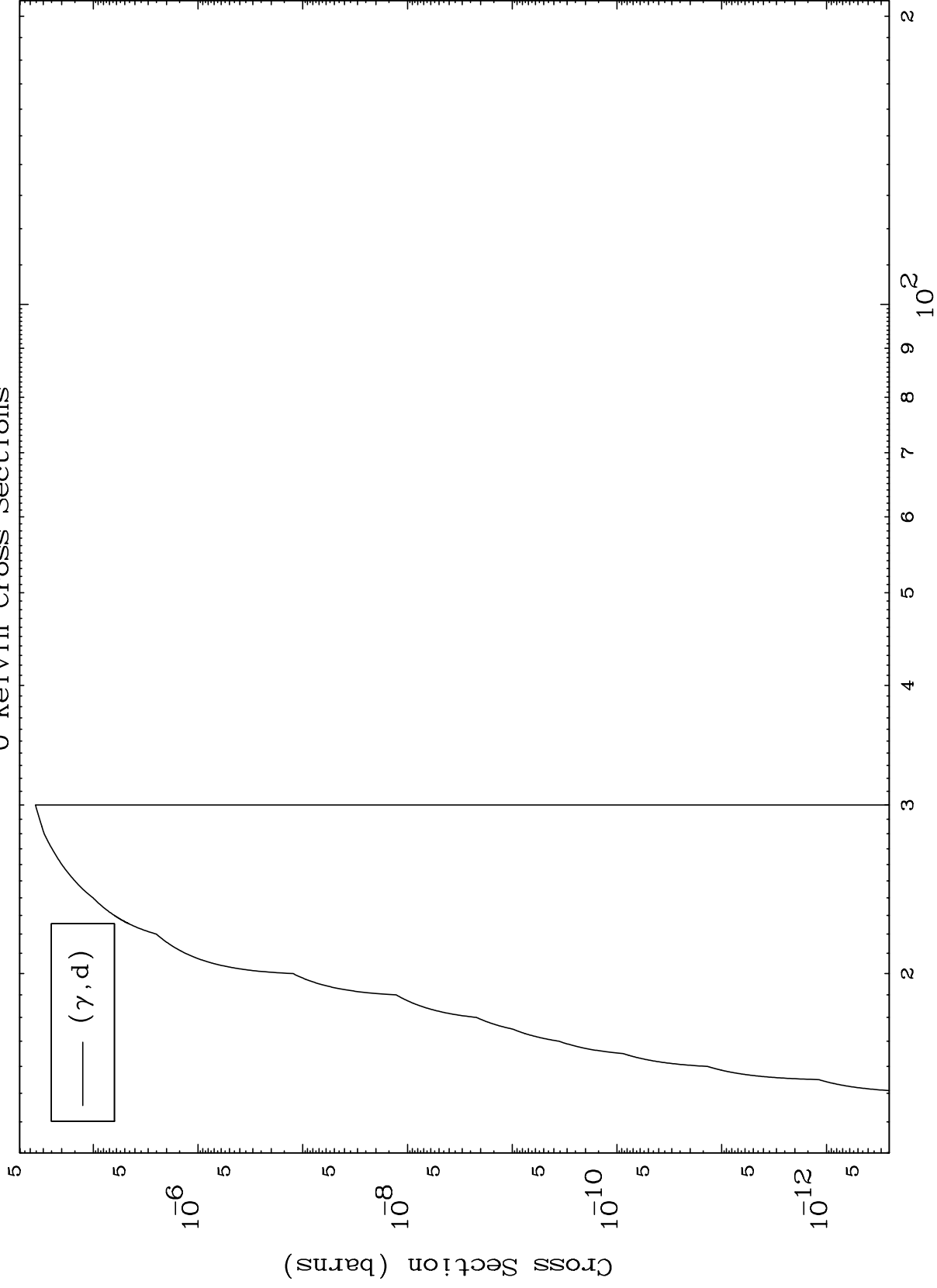
Incident Energy (MeV)

56-Ba-137

MAT 5647

(γ, d) Levels
0 Kelvin Cross Sections

56-Ba-137



6

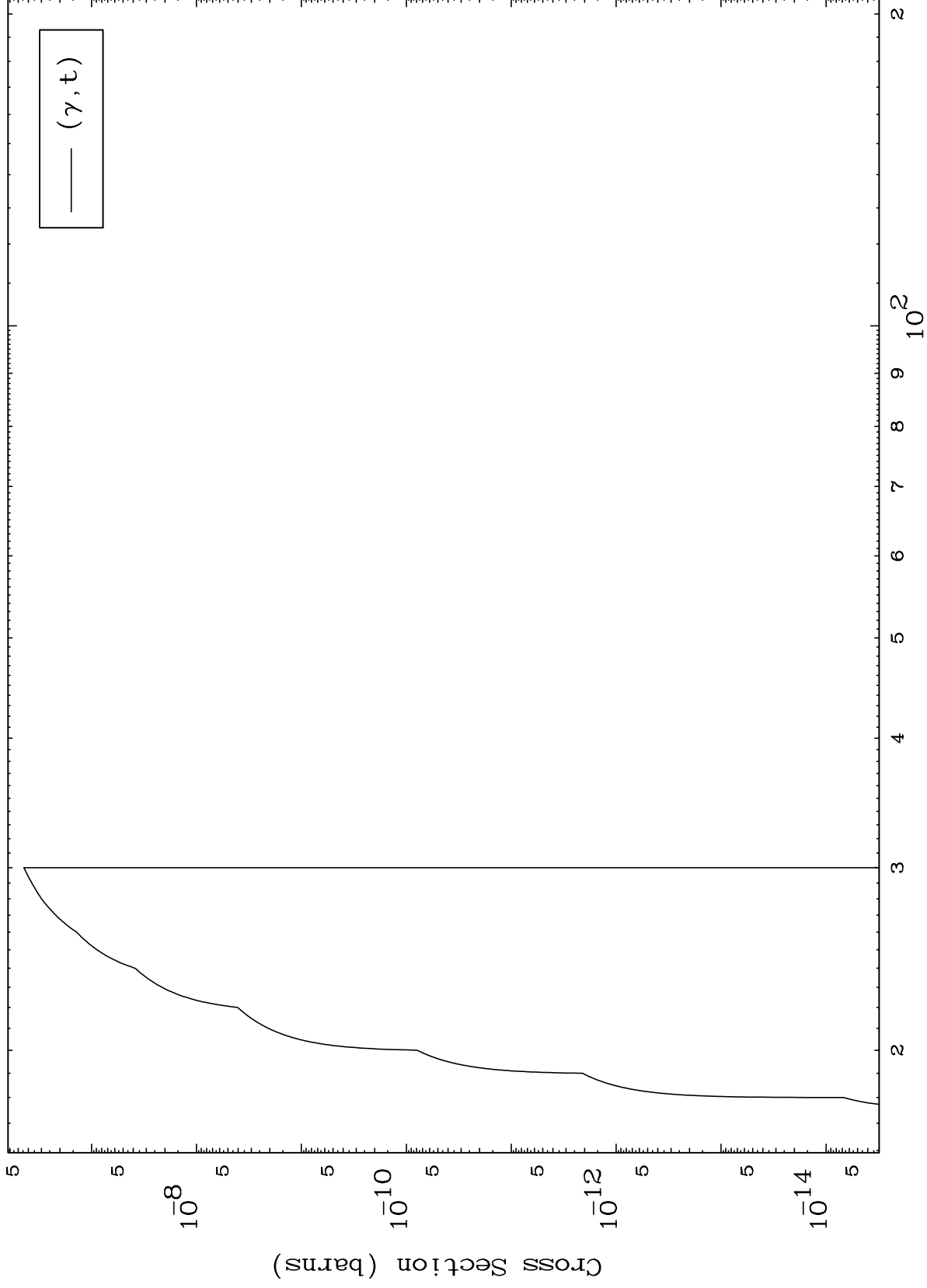
Incident Energy (MeV)

56-Ba-137

MAT 5647

(γ, t) Levels
0 Kelvin Cross Sections

56-Ba-137



7

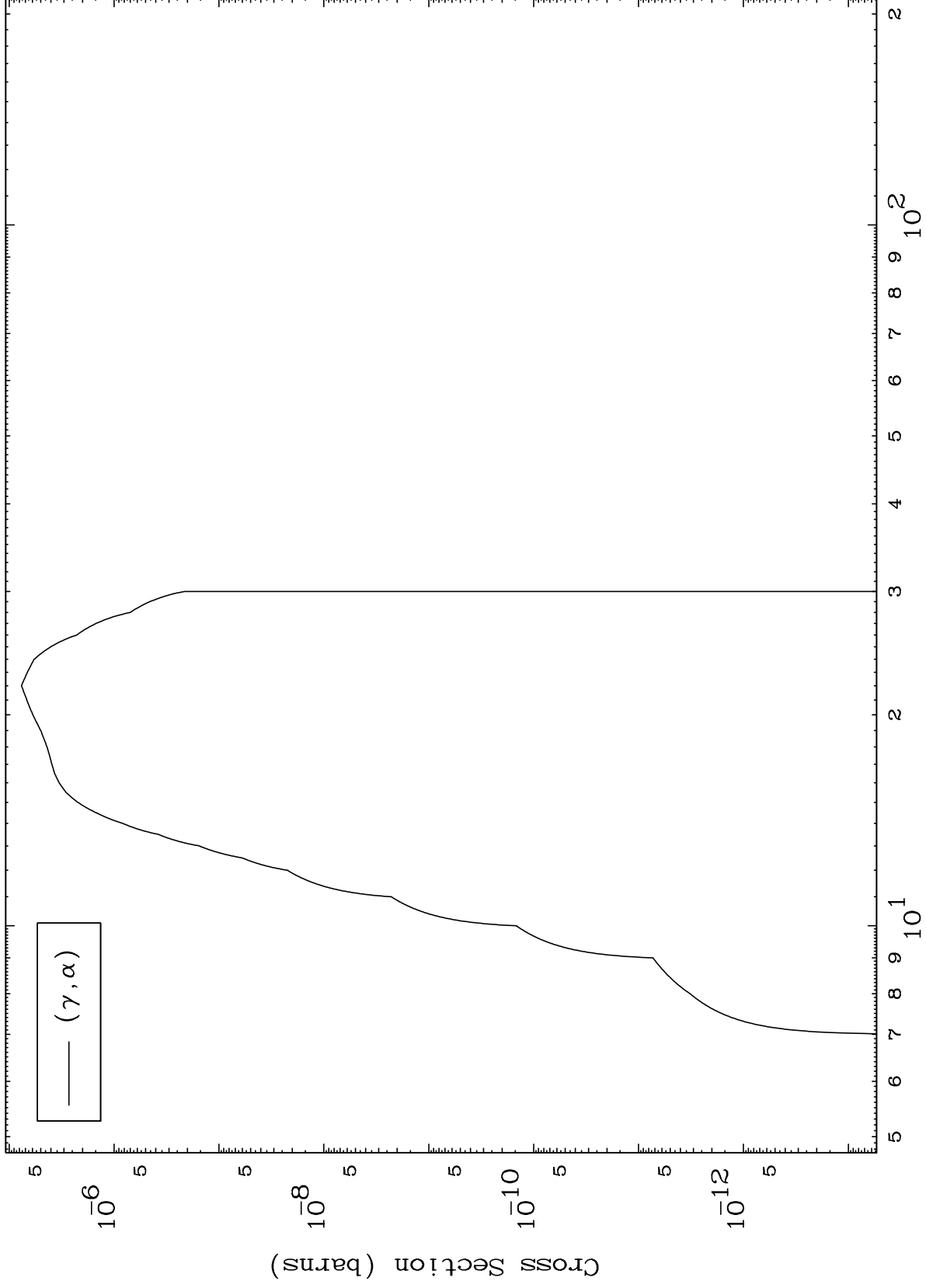
Incident Energy (MeV)

56-Ba-137

MAT 5647

(γ, α) Levels
0 Kelvin Cross Sections

56-Ba-137



8

Incident Energy (MeV)

56-Ba-137

MAT 5647

Photon Inelastic
Radionuclide Production Cross Section

56-Ba-137

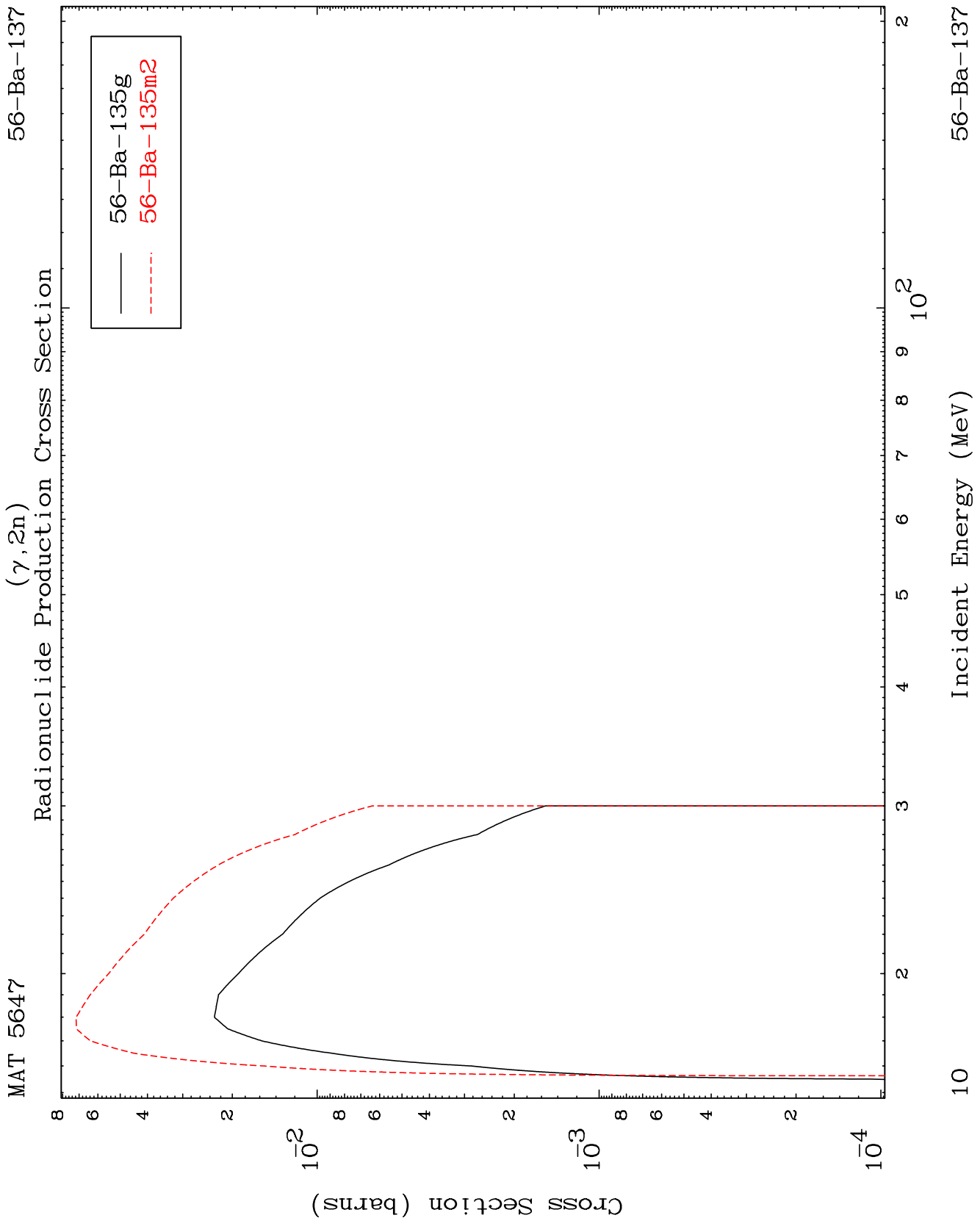


56-Ba-136g
56-Ba-136m5

9

Incident Energy (MeV)

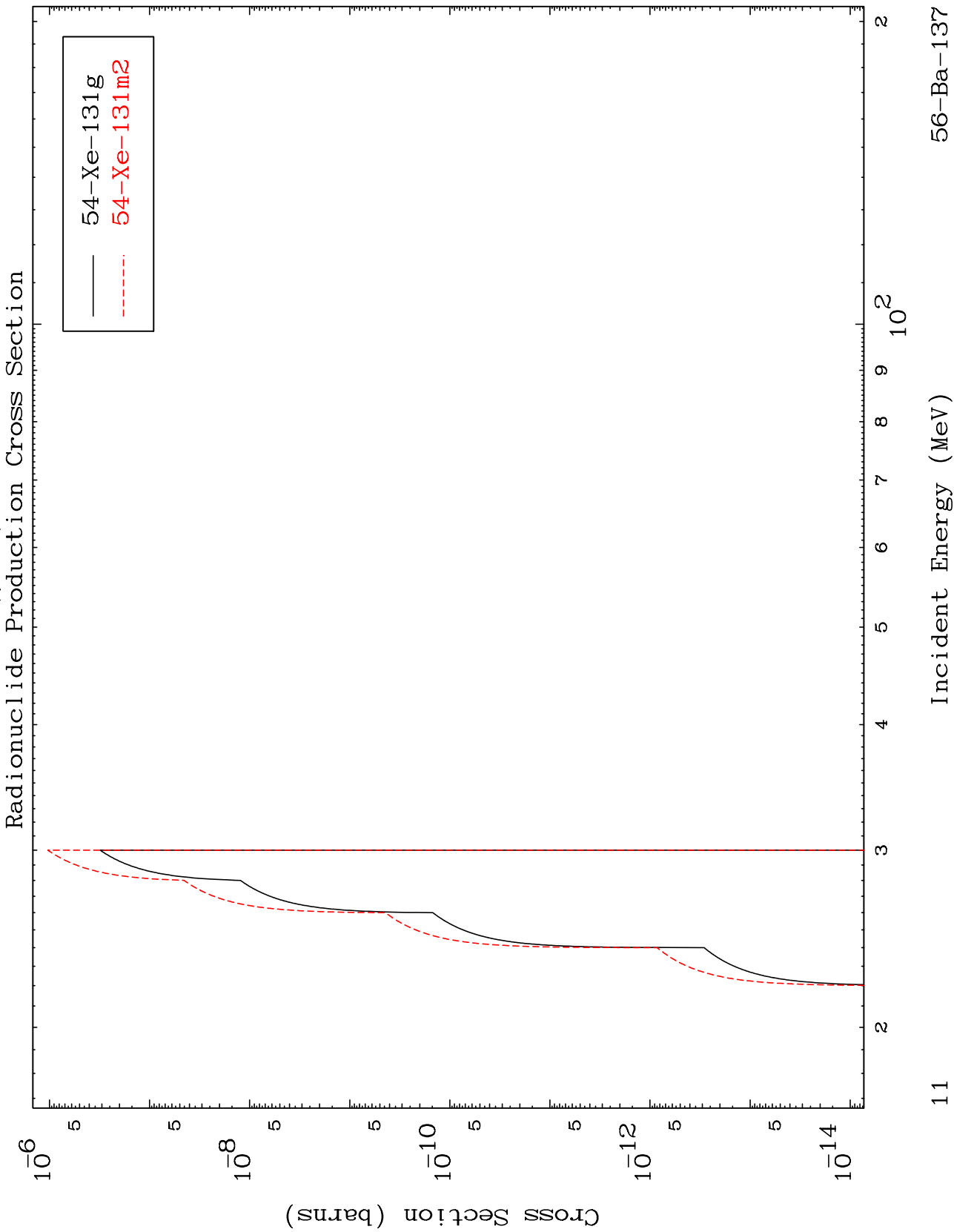
56-Ba-137



MAT 5647

$(\gamma, 2n) \alpha$

56-Ba-137



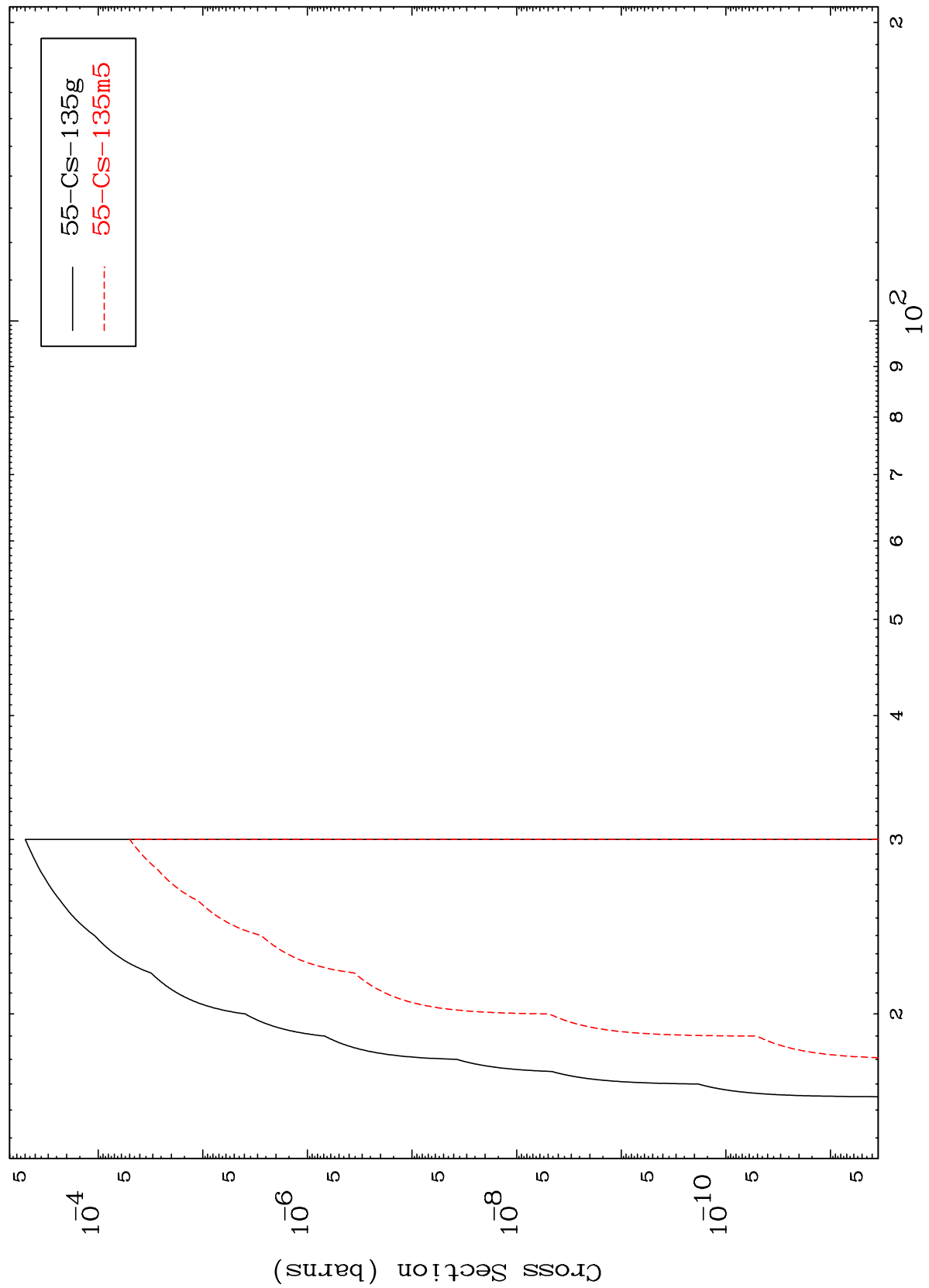
11

56-Ba-137

MAT 5647

56-Ba-137

(γ, n') p
Radionuclide Production Cross Section



12

56-Ba-137

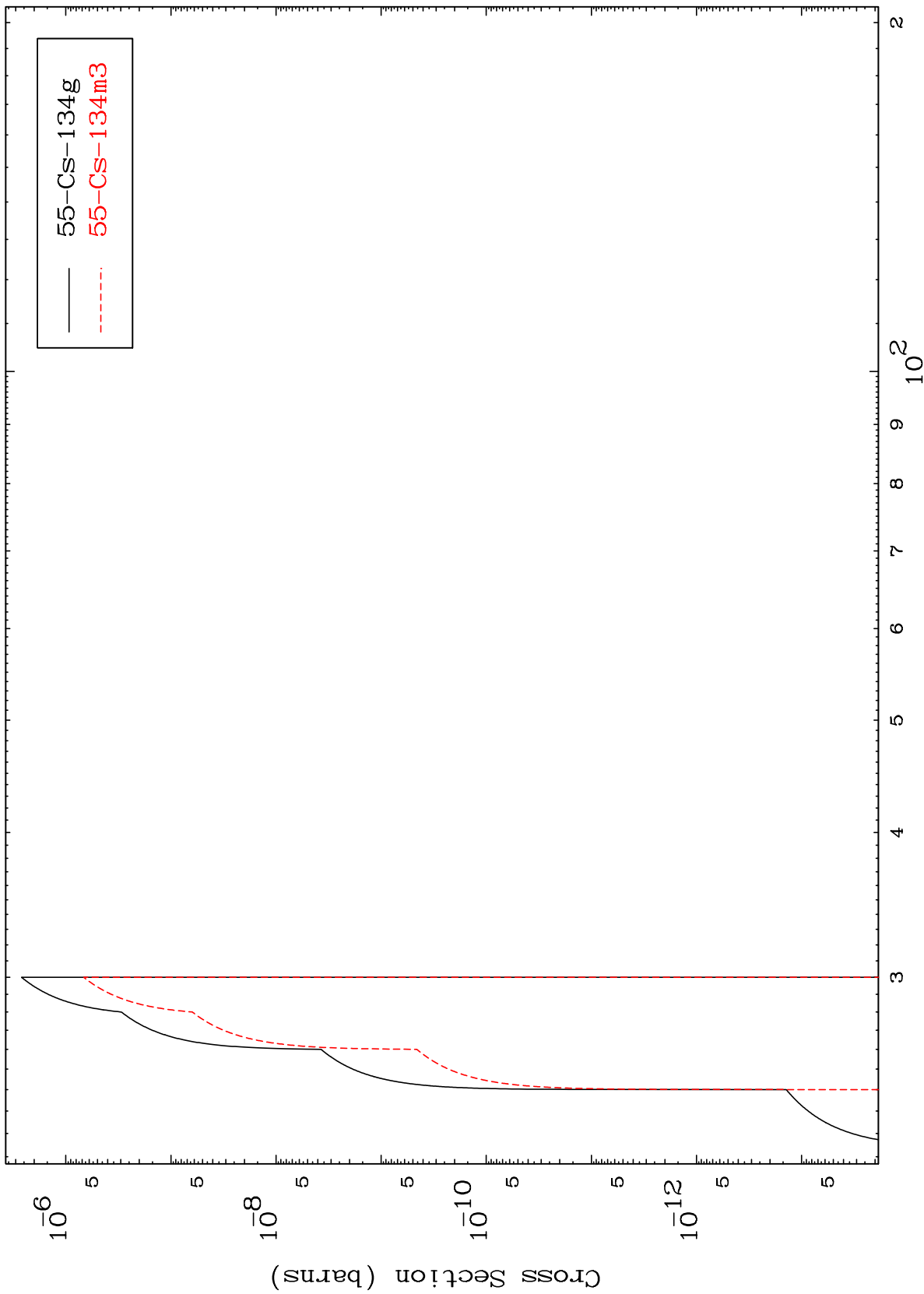
Incident Energy (MeV)

MAT 5647

(γ, n') d

56-Ba-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

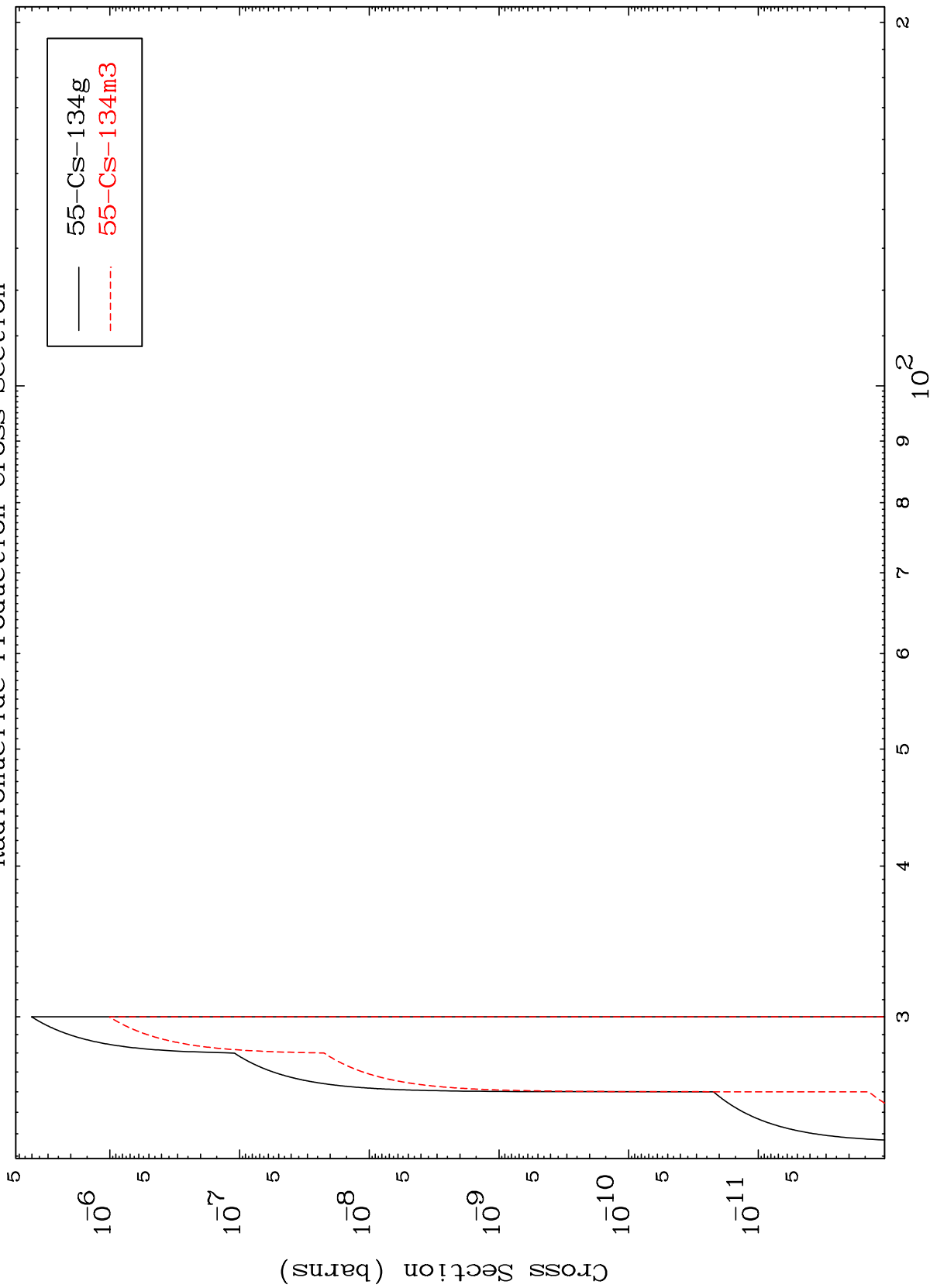
56-Ba-137

MAT 5647

($\gamma, 2n$) p

56-Ba-137

Radionuclide Production Cross Section



14

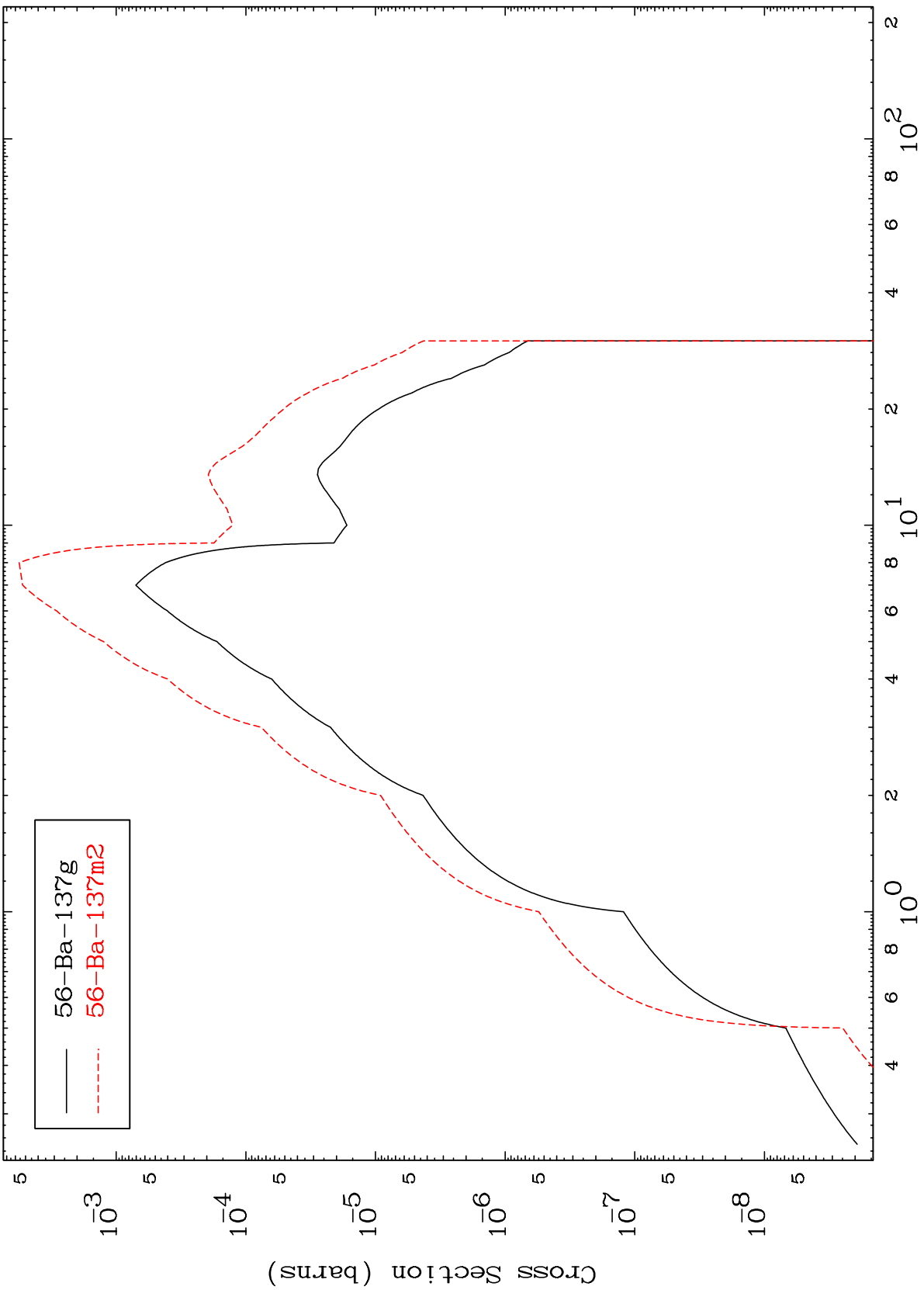
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

(γ, γ)
Radionuclide Production Cross Section



15

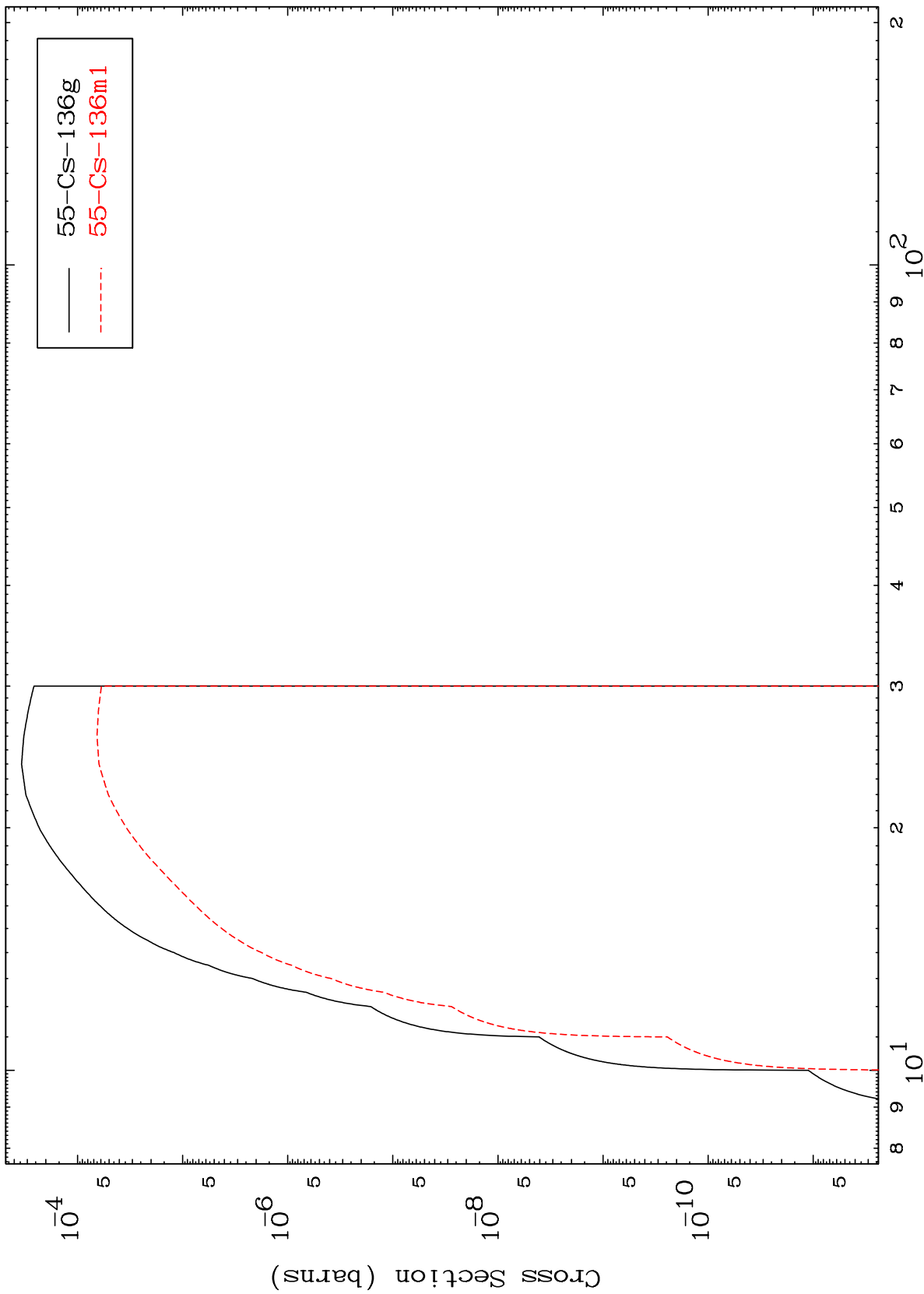
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

(γ, p)
Radionuclide Production Cross Section

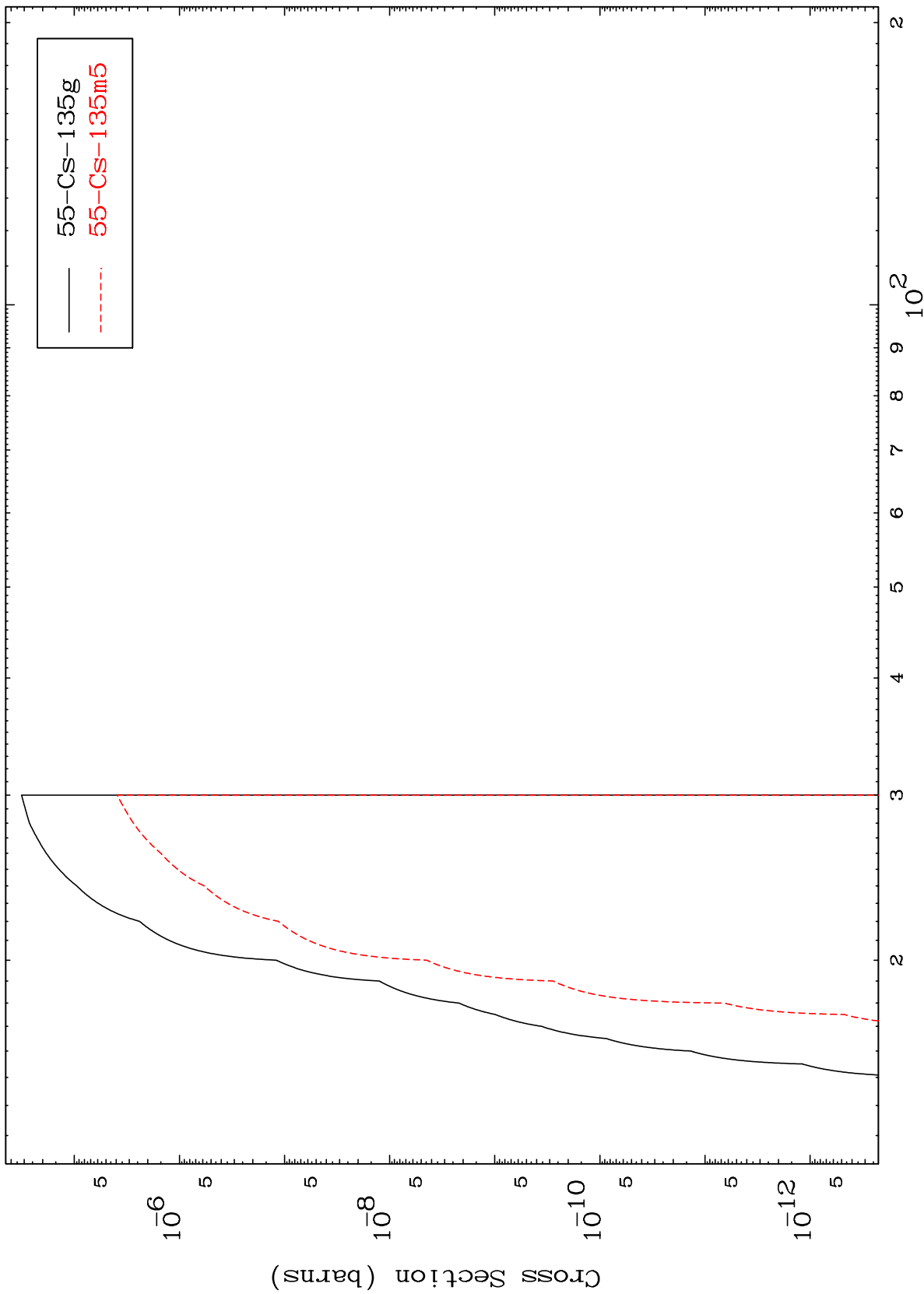


56-Ba-137

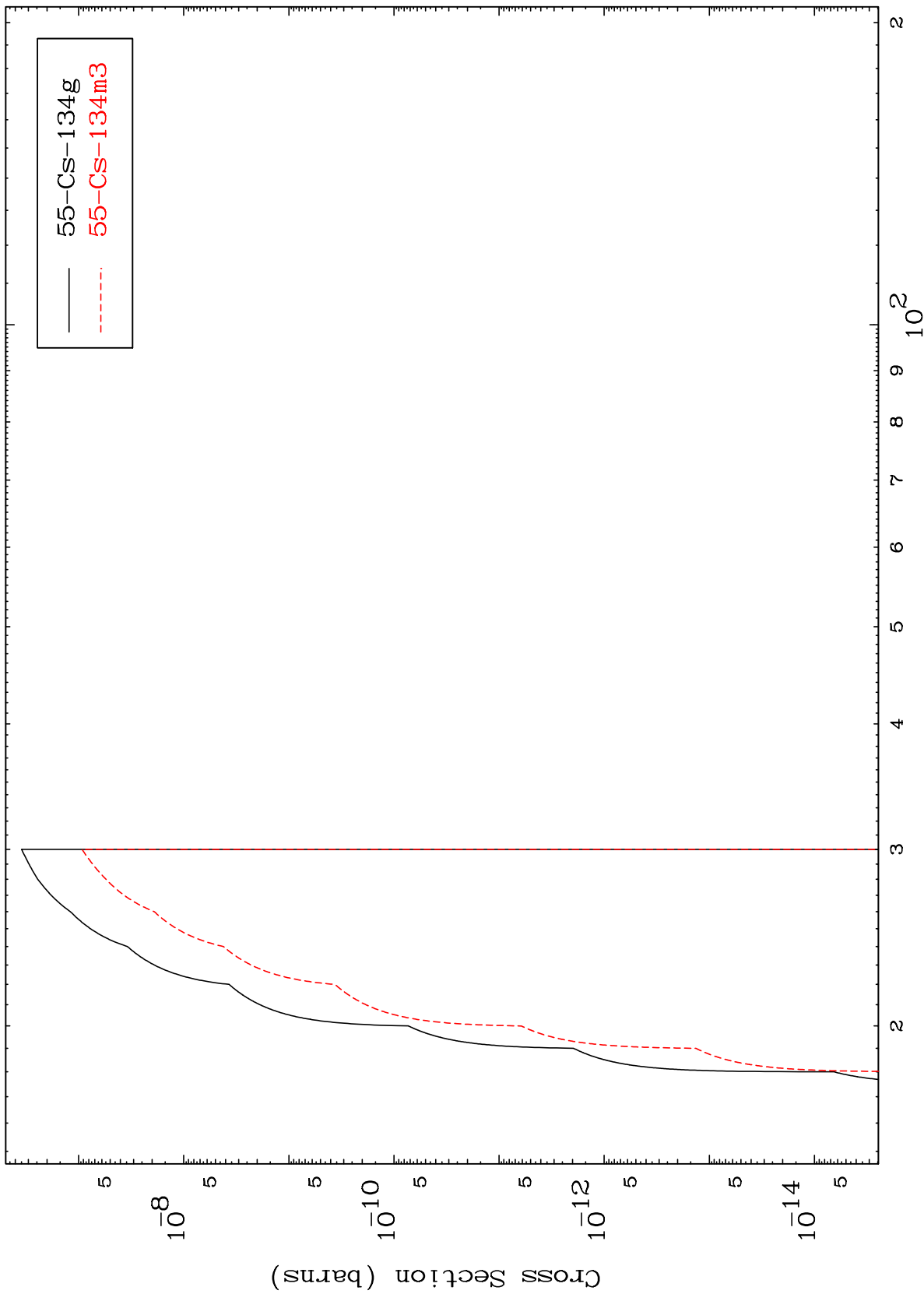
Incident Energy (MeV)

16

(γ, d)
Radionuclide Production Cross Section



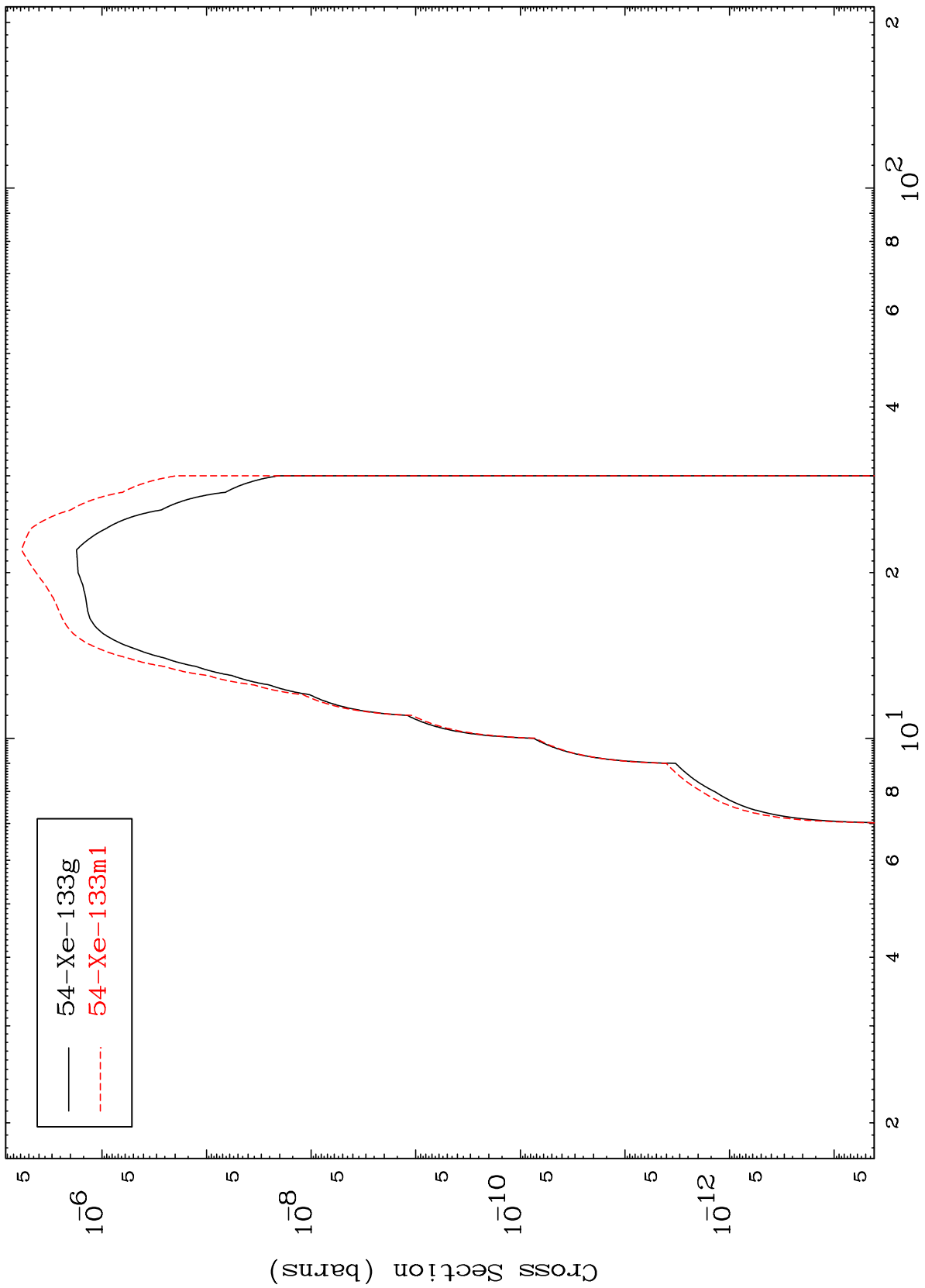
(γ, t)
Radionuclide Production Cross Section



MAT 5647

56-Ba-137

Radionuclide Production Cross Section
(γ, α)



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

56-Ba-137

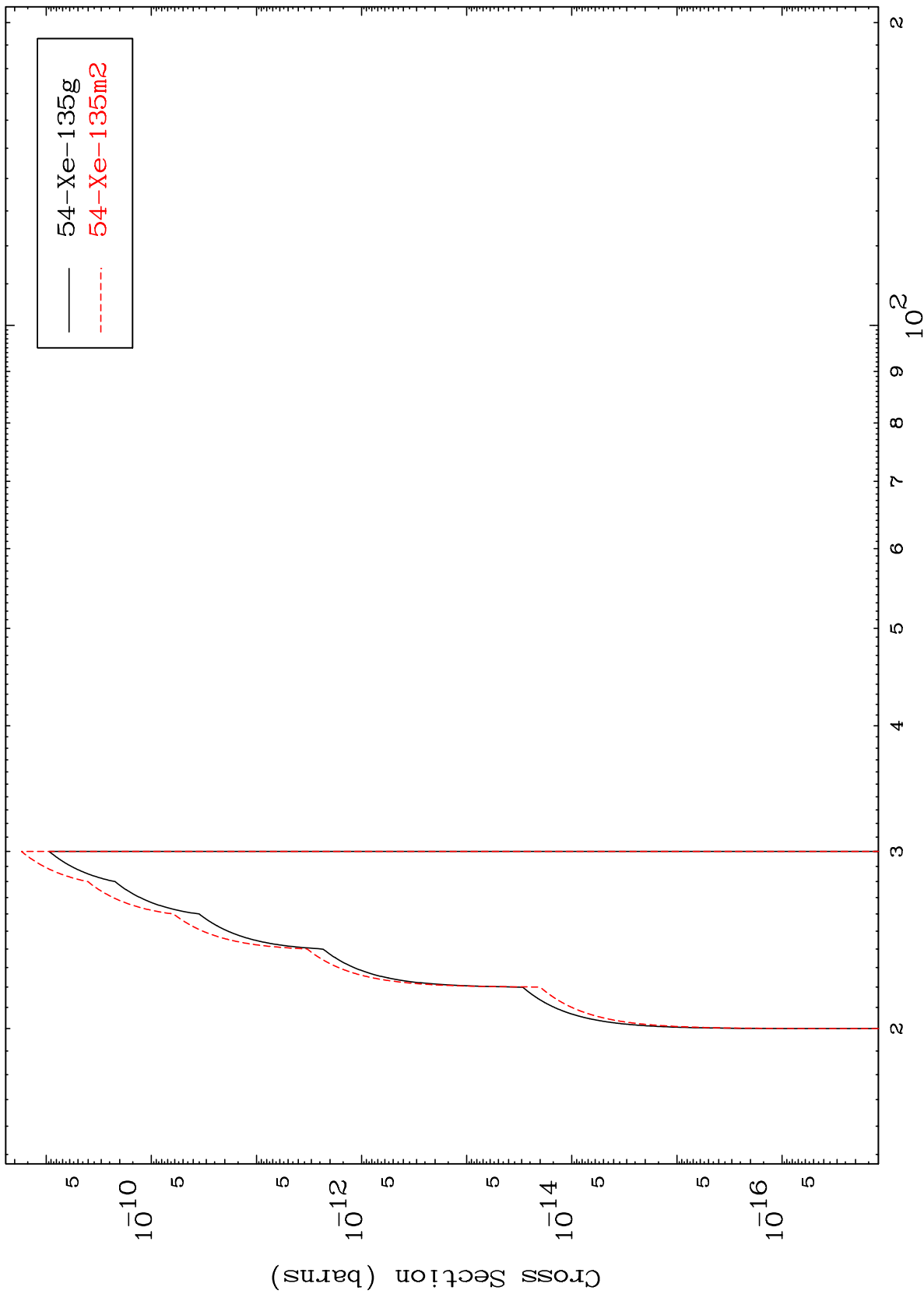
Incident Energy (MeV)

19

MAT 5647

56-Ba-137

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



20

Incident Energy (MeV)

56-Ba-137