

Program EVALPLOT
(Version 2017-1)

by

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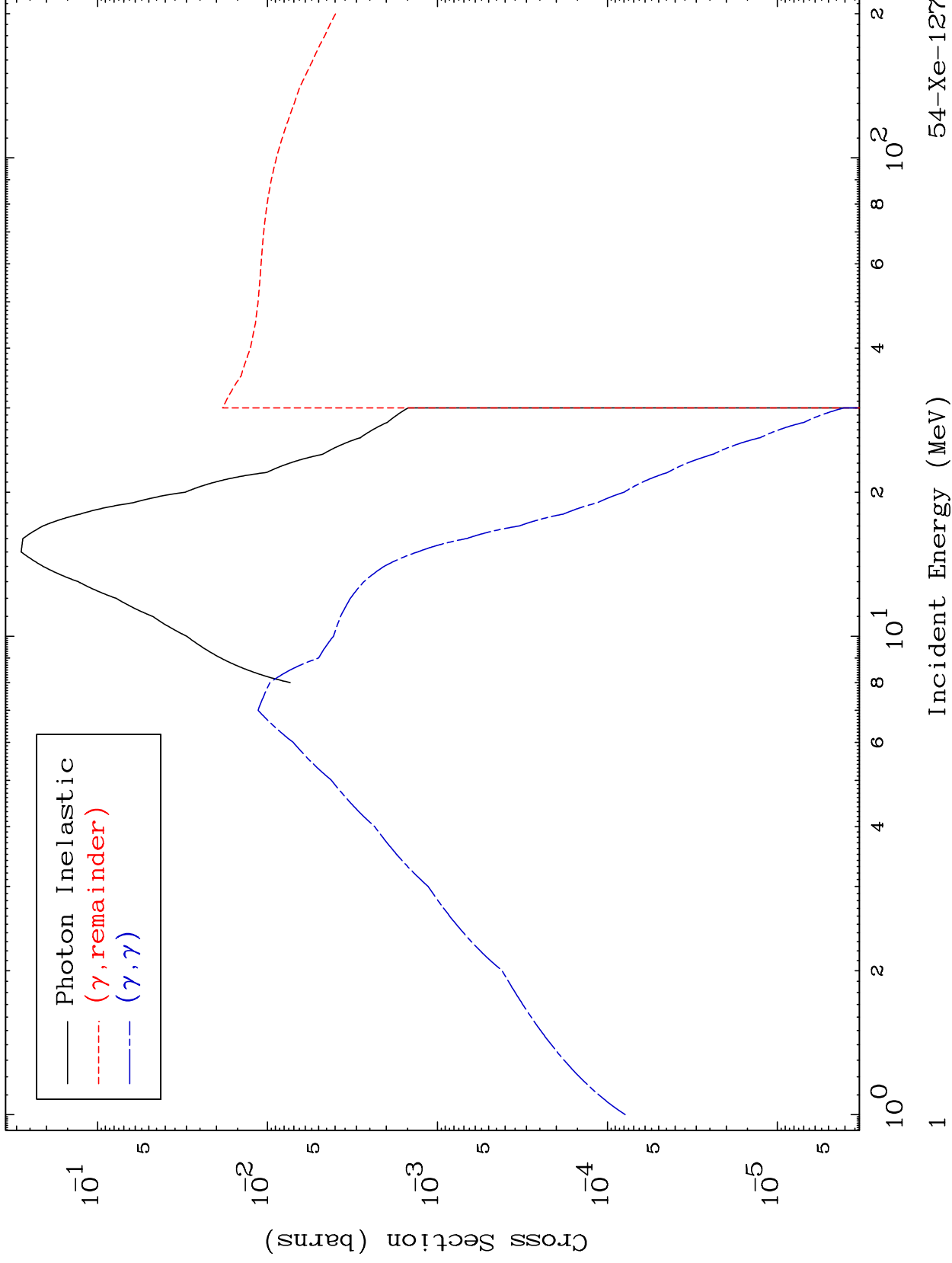
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5435

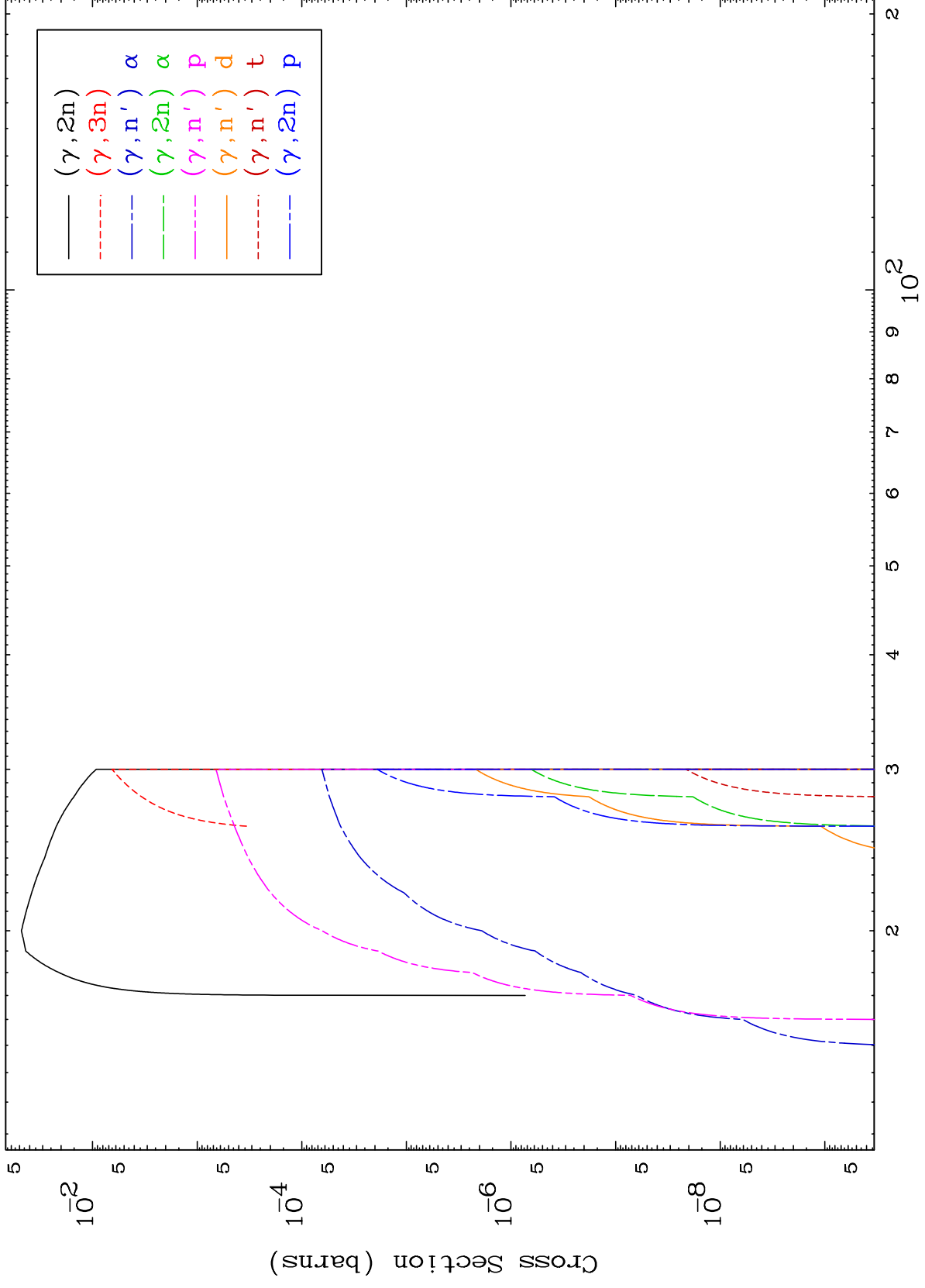
Photon Major
0 Kelvin Cross Sections

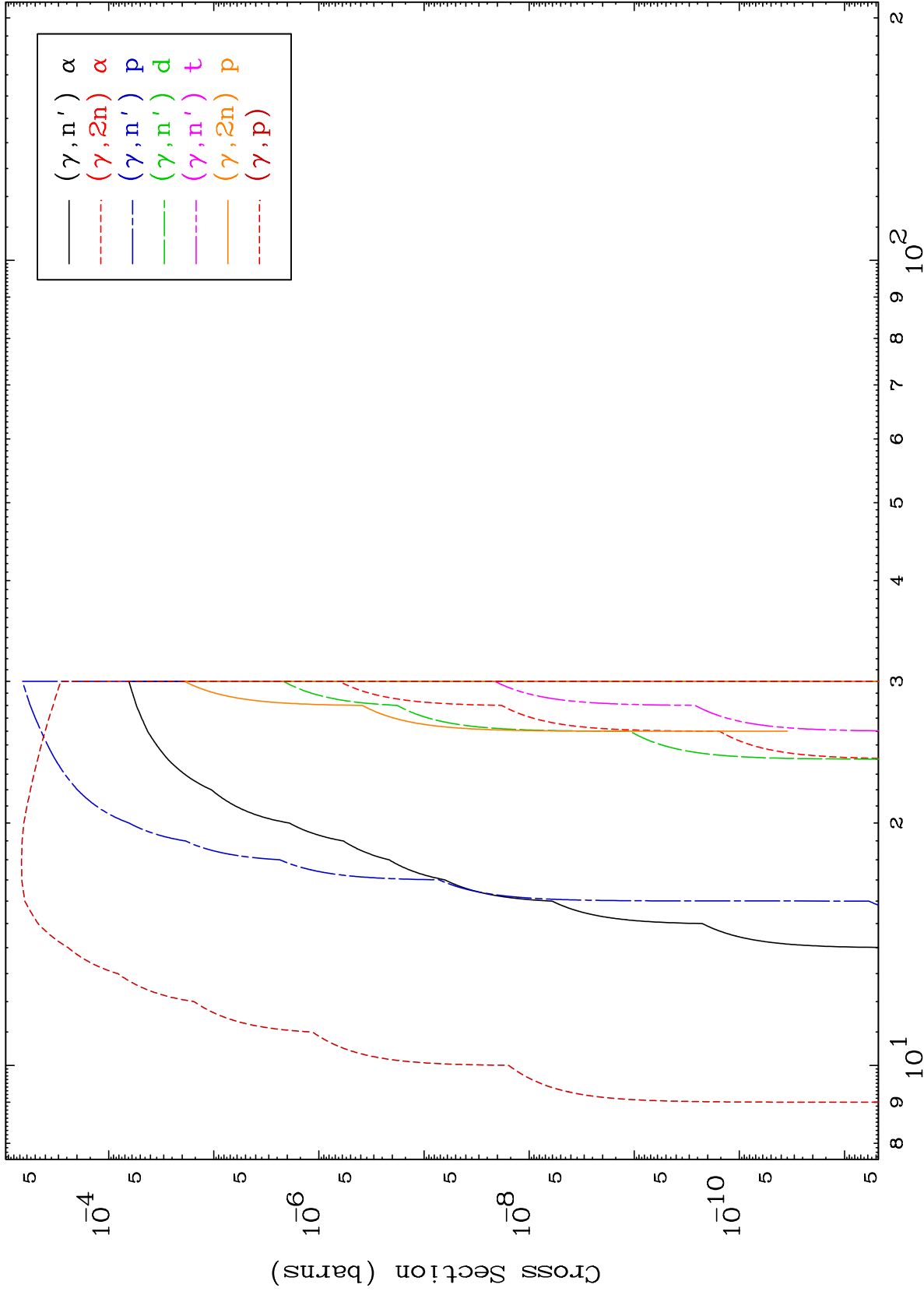
54-Xe-127



54-Xe-127

Incident Energy (MeV)

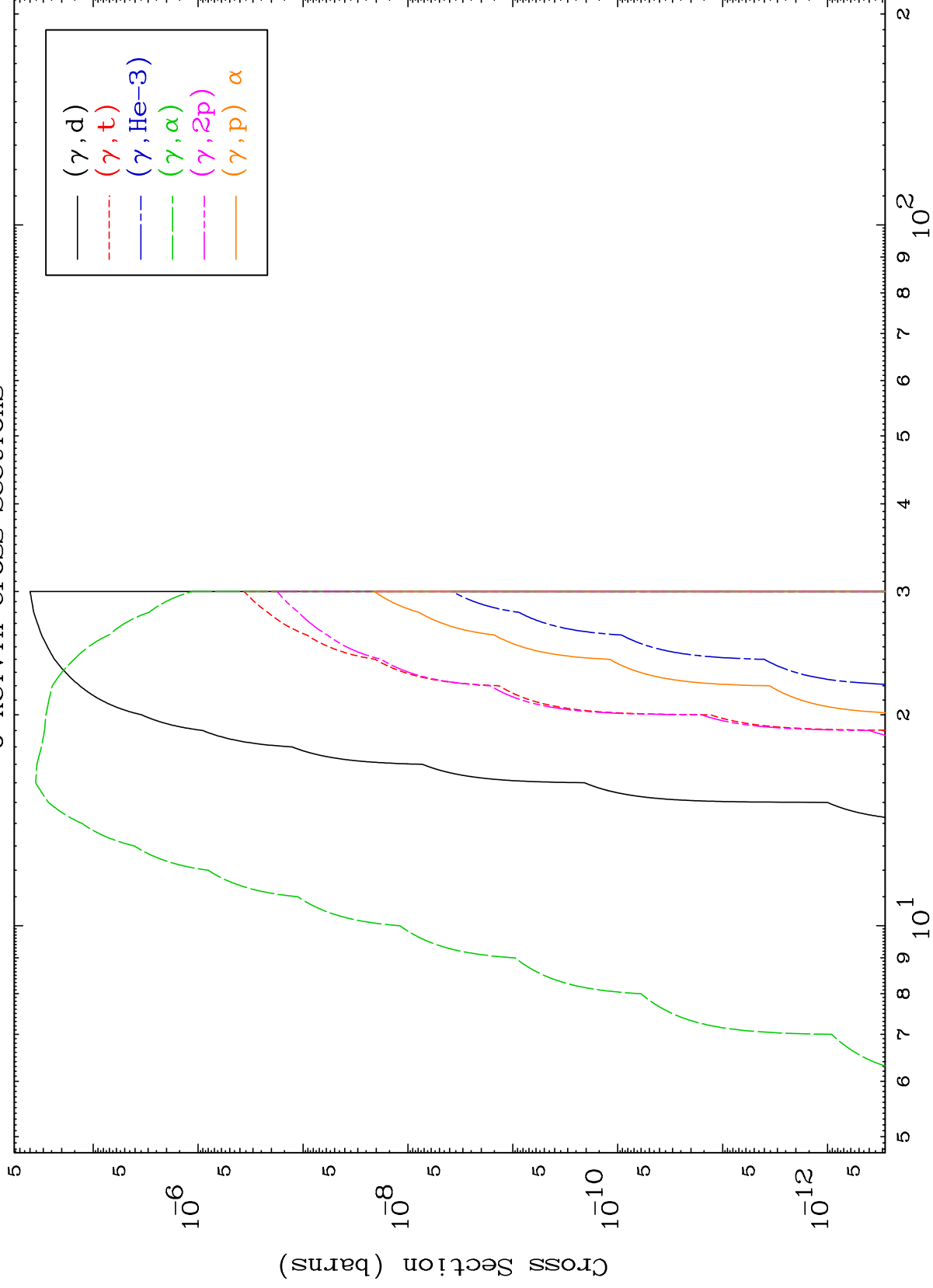




MAT 5435

Photon Charged Particle
0 Kelvin Cross Sections

54-Xe-127



4

Incident Energy (MeV)

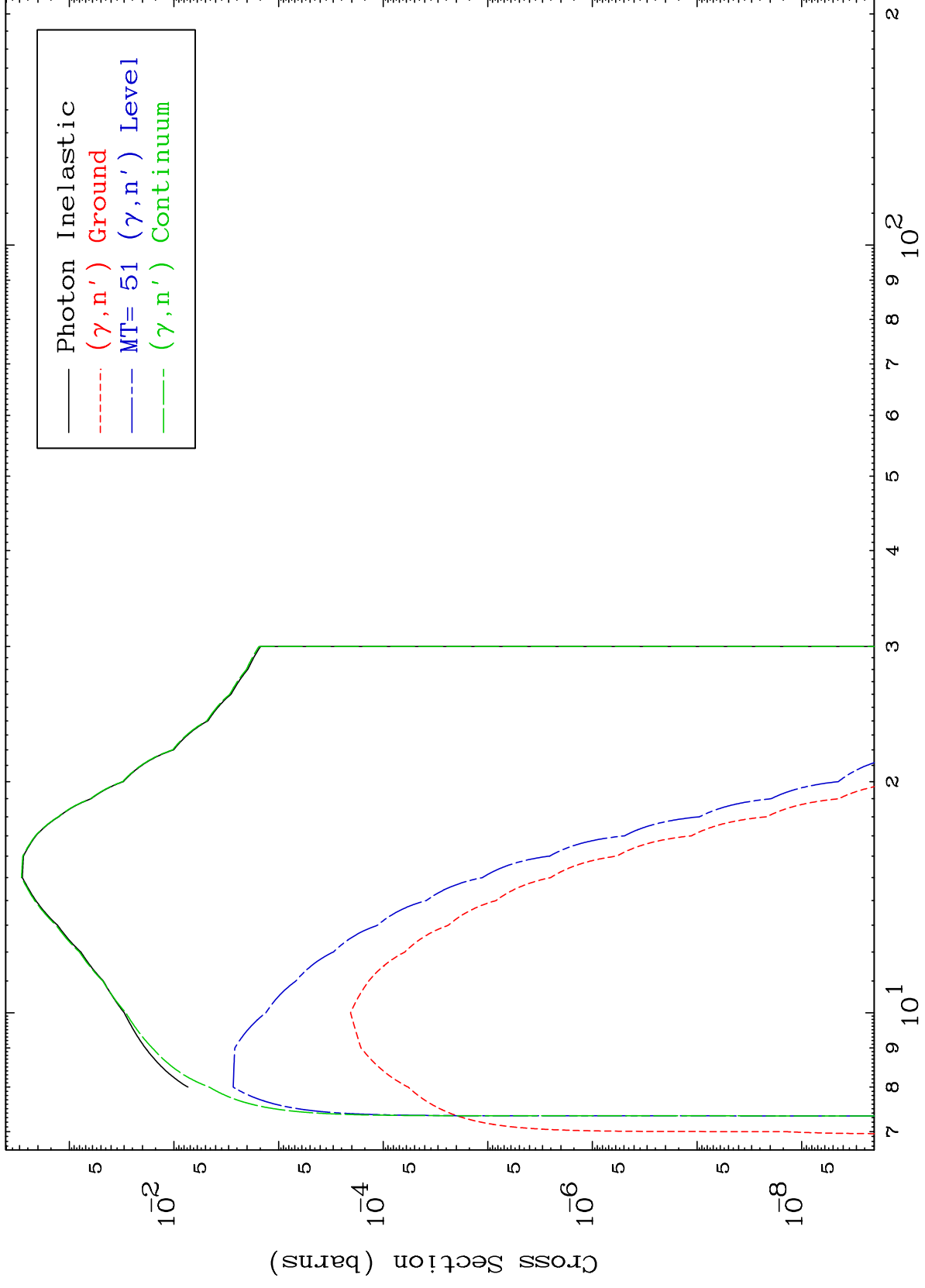
54-Xe-127

MAT 5435

(γ, n') Level

54-Xe-127

0 Kelvin Cross Sections



5

Incident Energy (MeV)

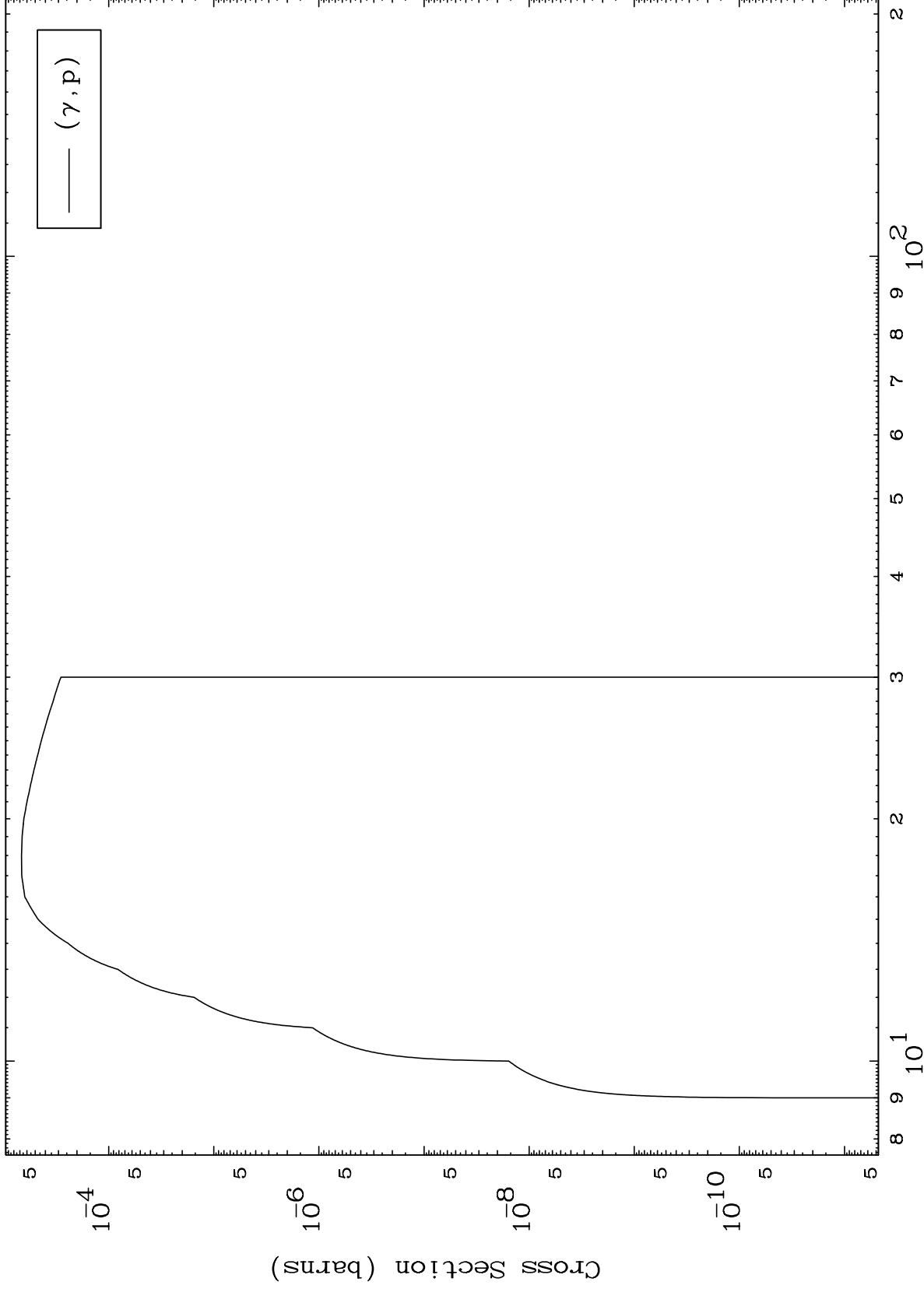
54-Xe-127

MAT 5435

(γ, p) Levels

54-Xe-127

0 Kelvin Cross Sections



Incident Energy (MeV)

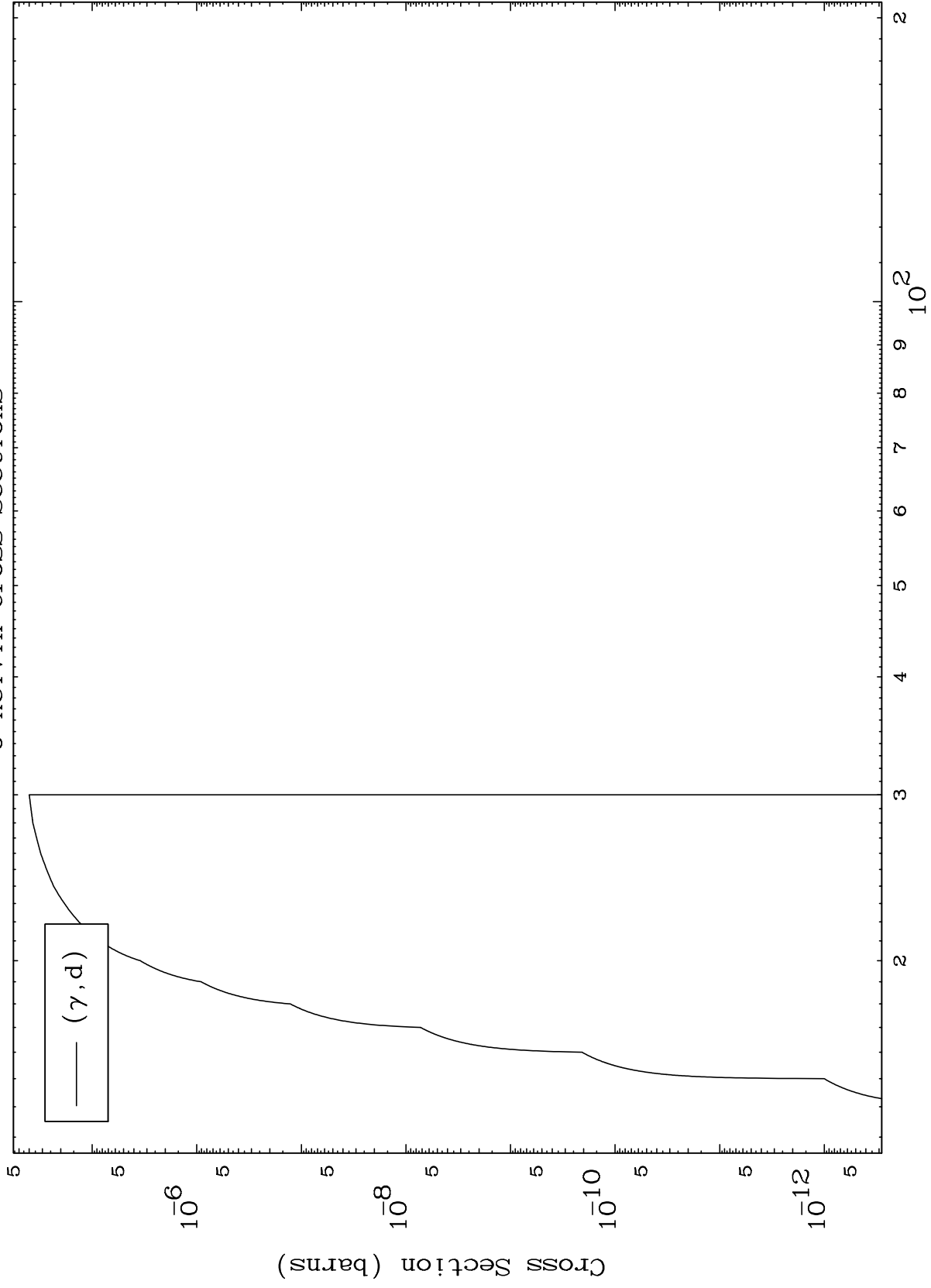
54-Xe-127

6

MAT 5435

(γ, d) Levels
0 Kelvin Cross Sections

54-Xe-127



7

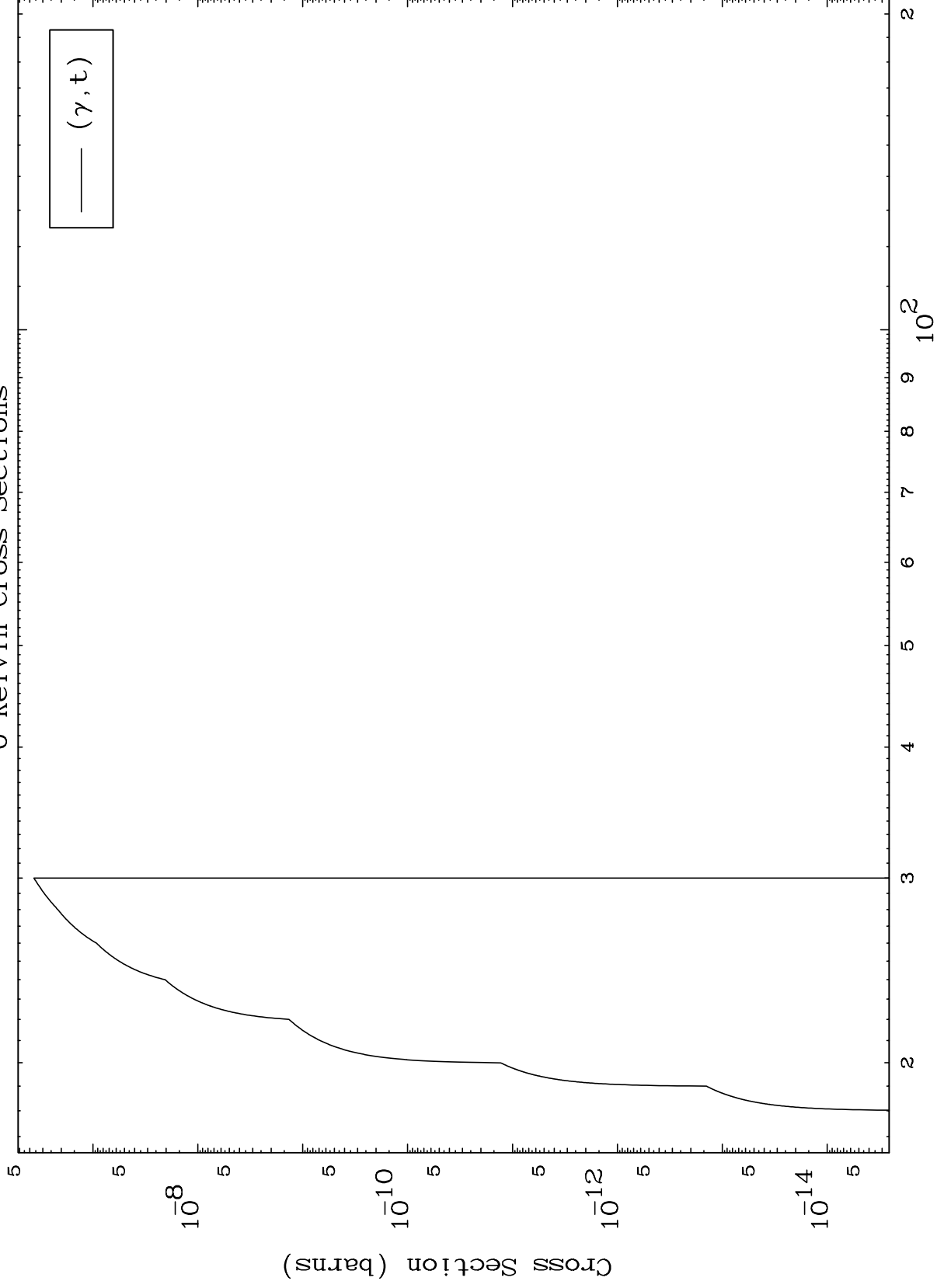
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

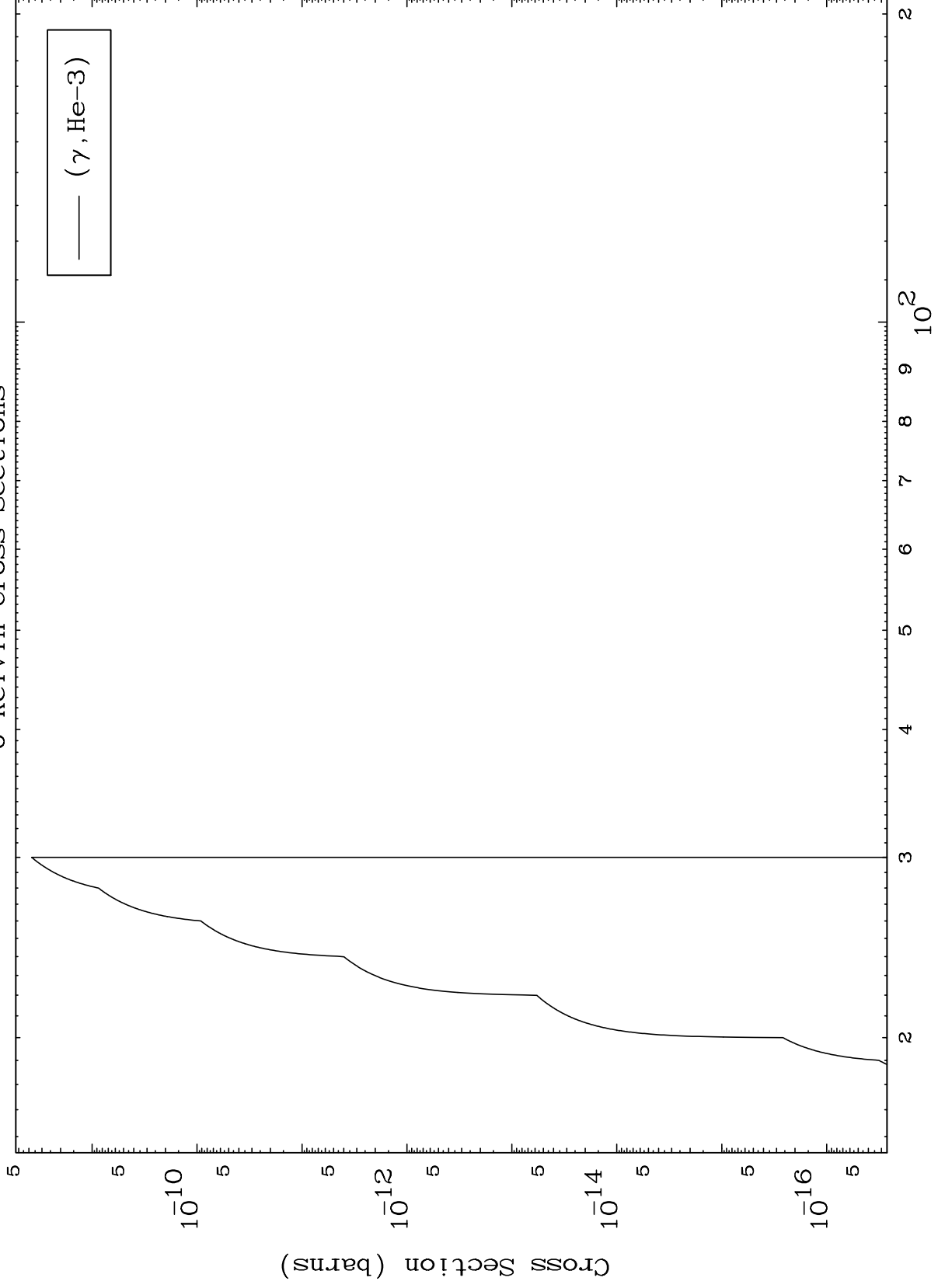
(γ, t) Levels
0 Kelvin Cross Sections



54-Xe-127

Incident Energy (MeV)

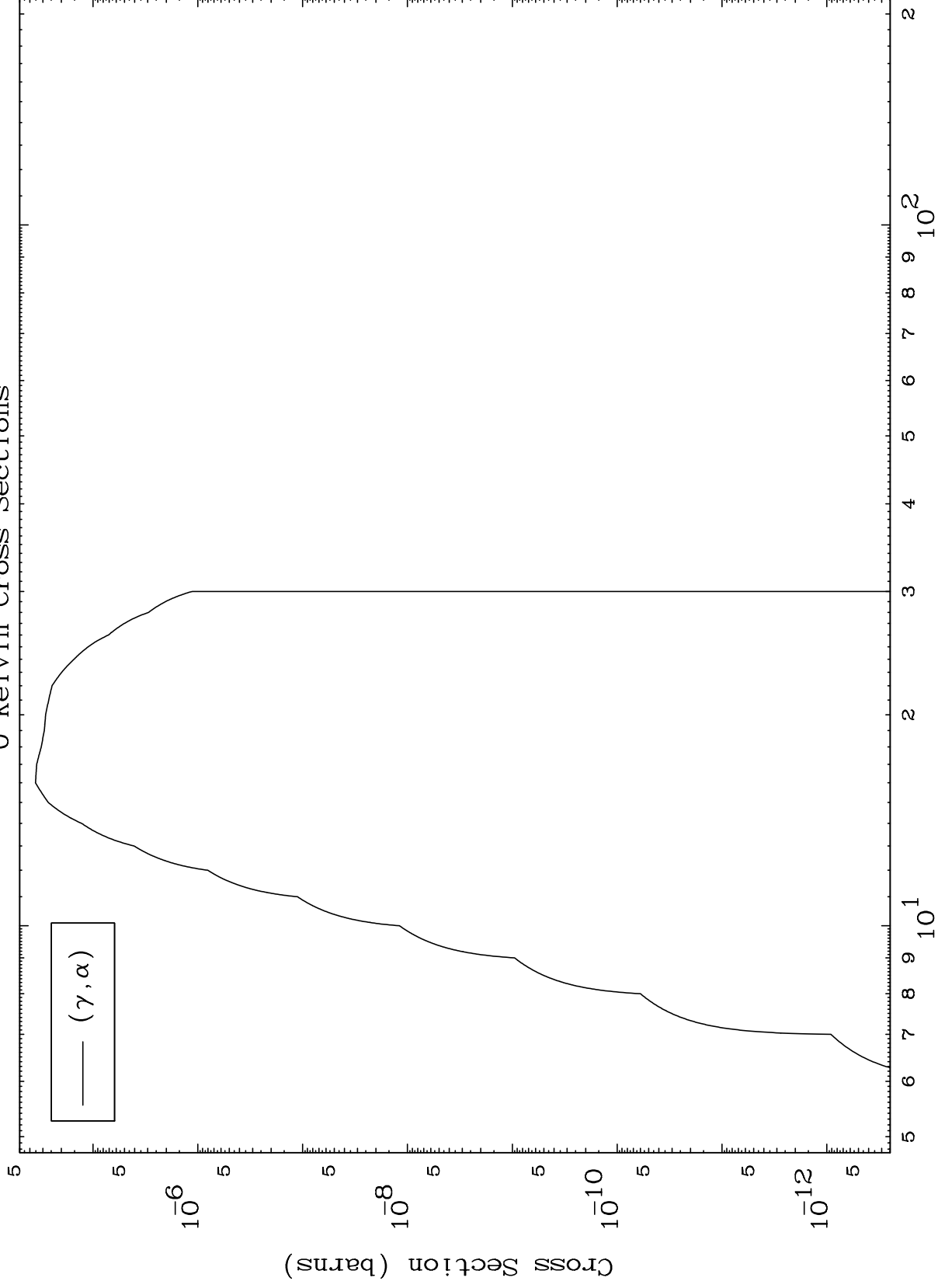
8



MAT 5435

(γ, α) Levels
0 Kelvin Cross Sections

54-Xe-127



10

Incident Energy (MeV)

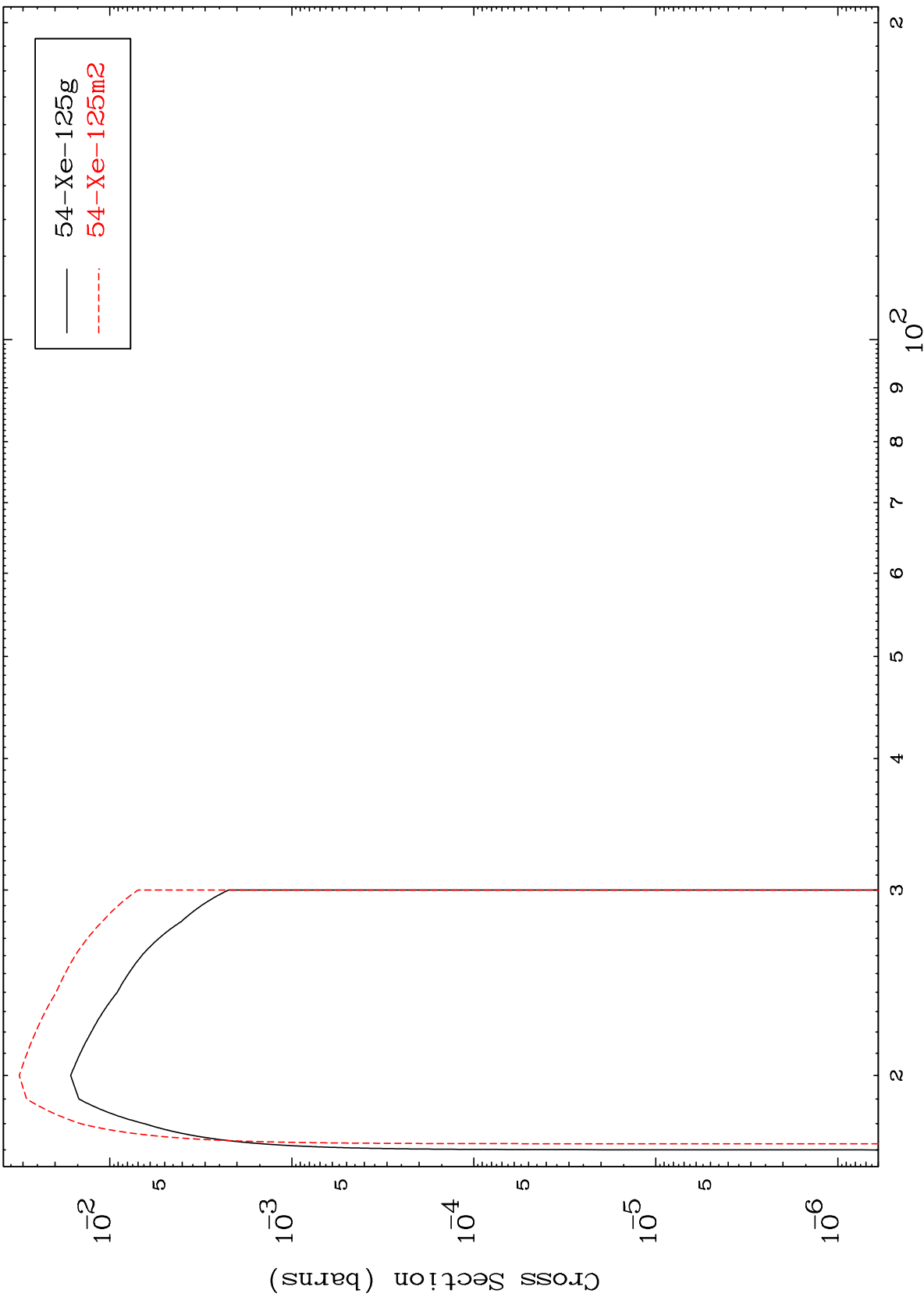
54-Xe-127

MAT 5435

54-Xe-127

($\gamma, 2n$)

Radionuclide Production Cross Section



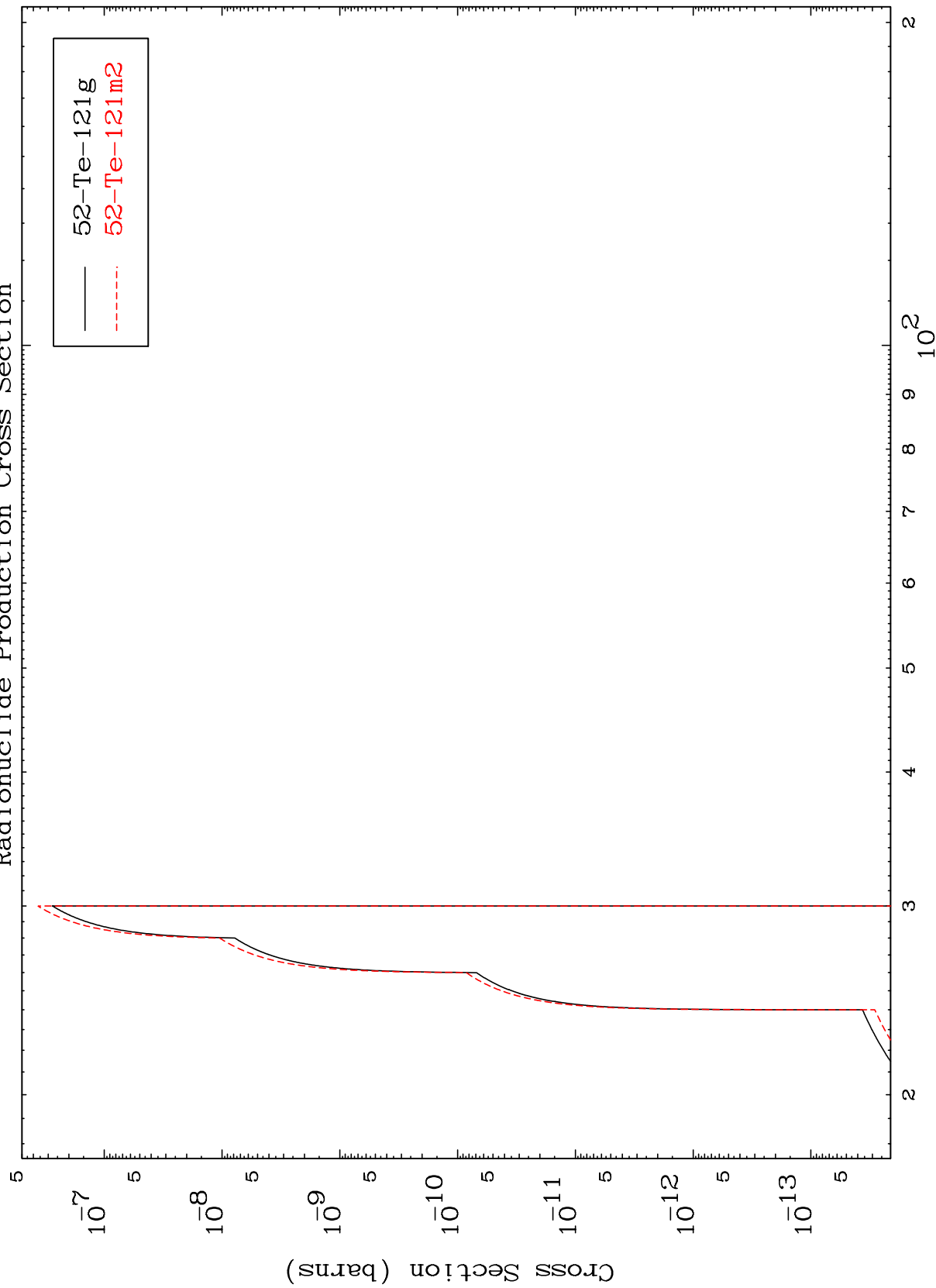
54-Xe-125g
54-Xe-125m2

MAT 5435

54-Xe-127

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



12

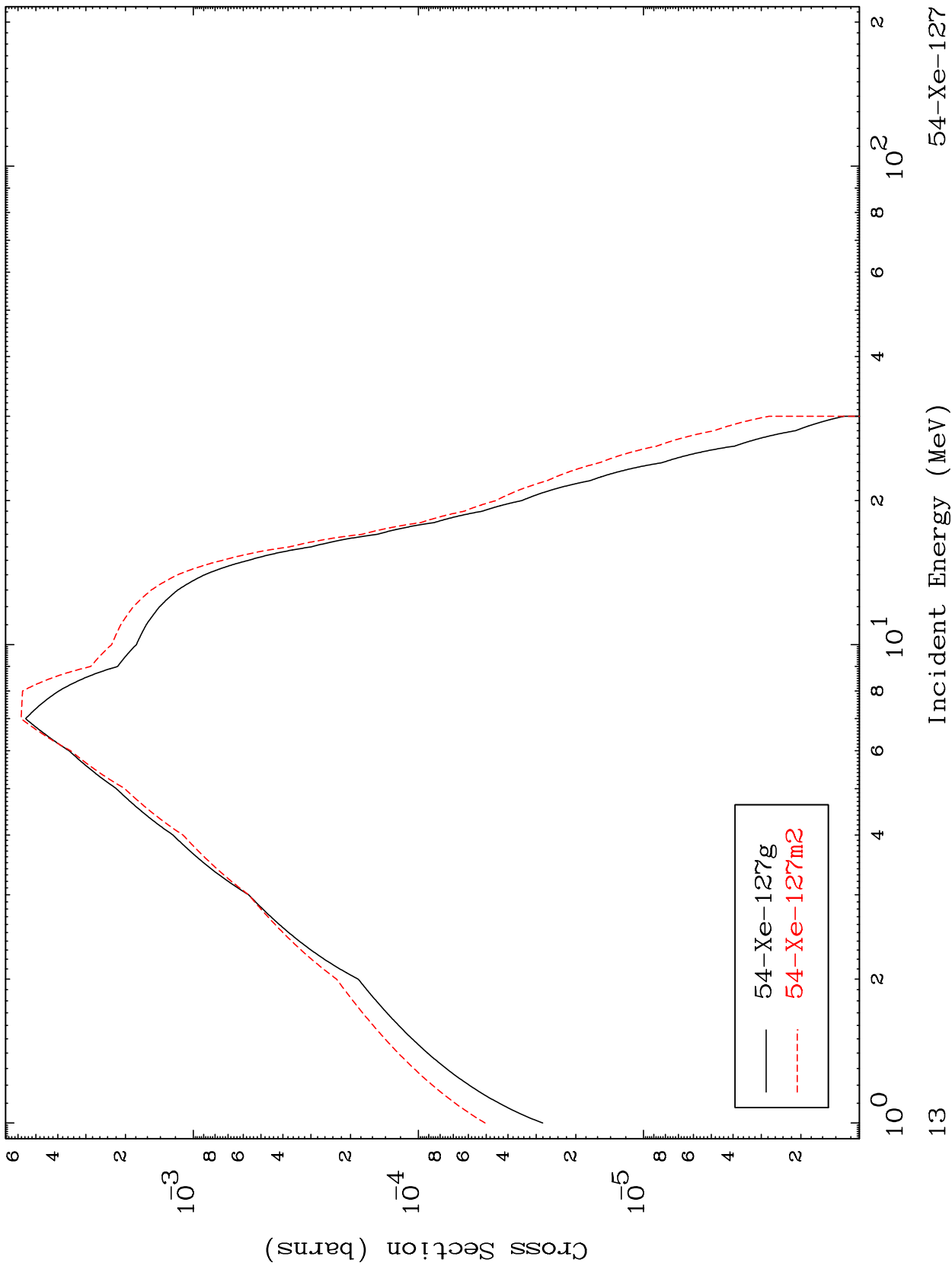
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

Radionuclide Production Cross Section
(γ, γ)



54-Xe-127

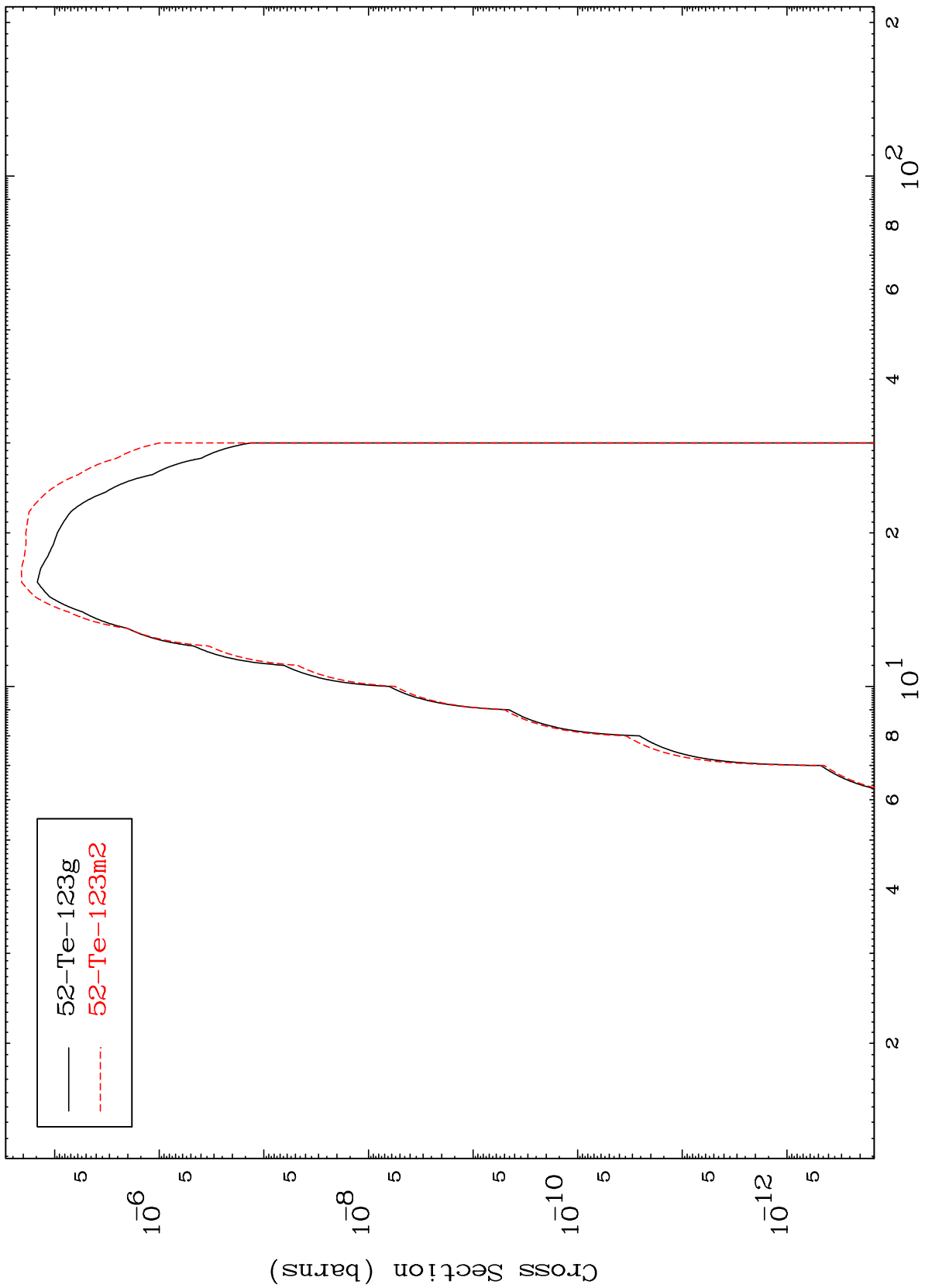
Incident Energy (MeV)

13

MAT 5435

54-Xe-127

Radionuclide Production Cross Section
(γ, α)



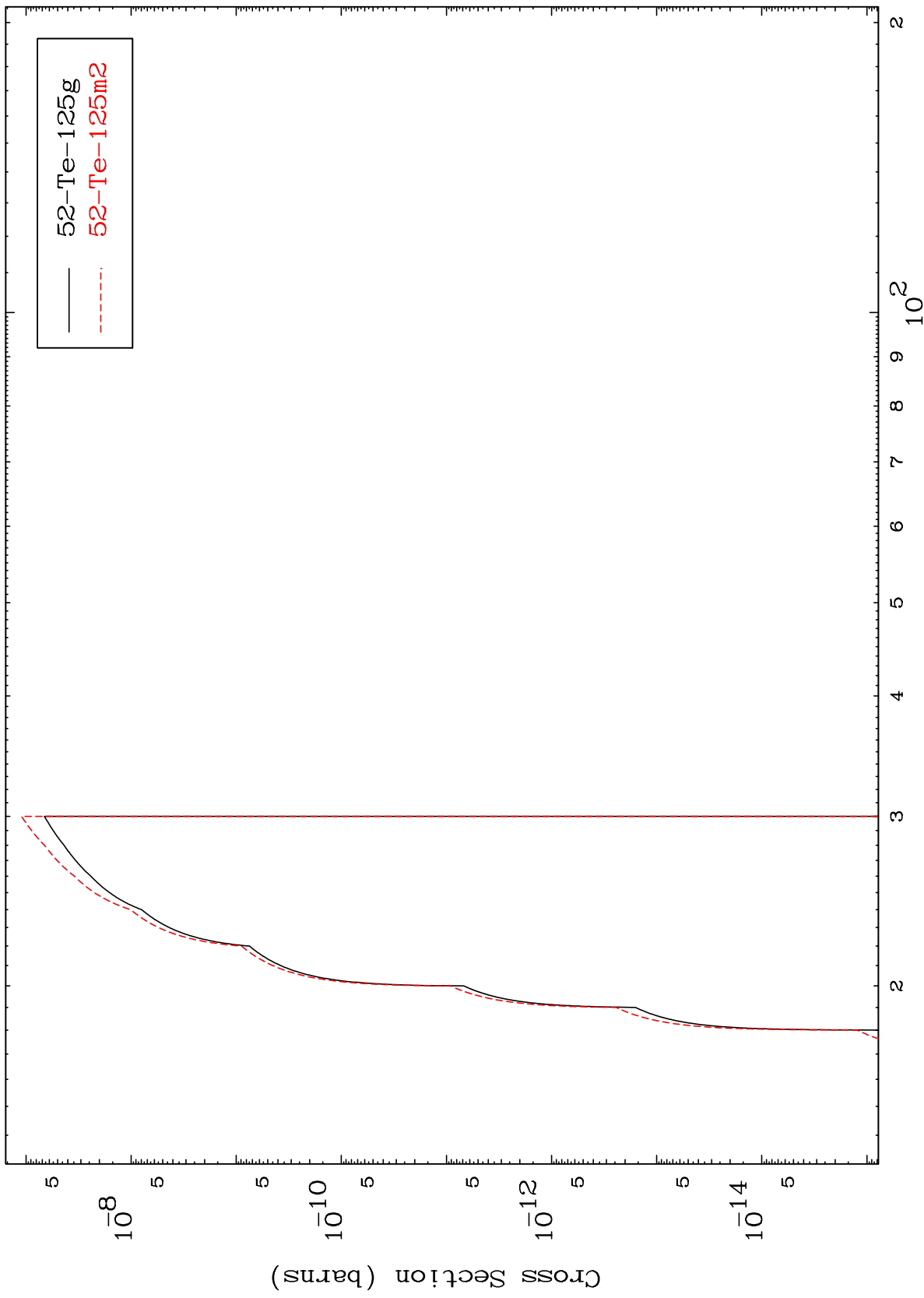
14

54-Xe-127

MAT 5435

54-Xe-127

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



15

Incident Energy (MeV)

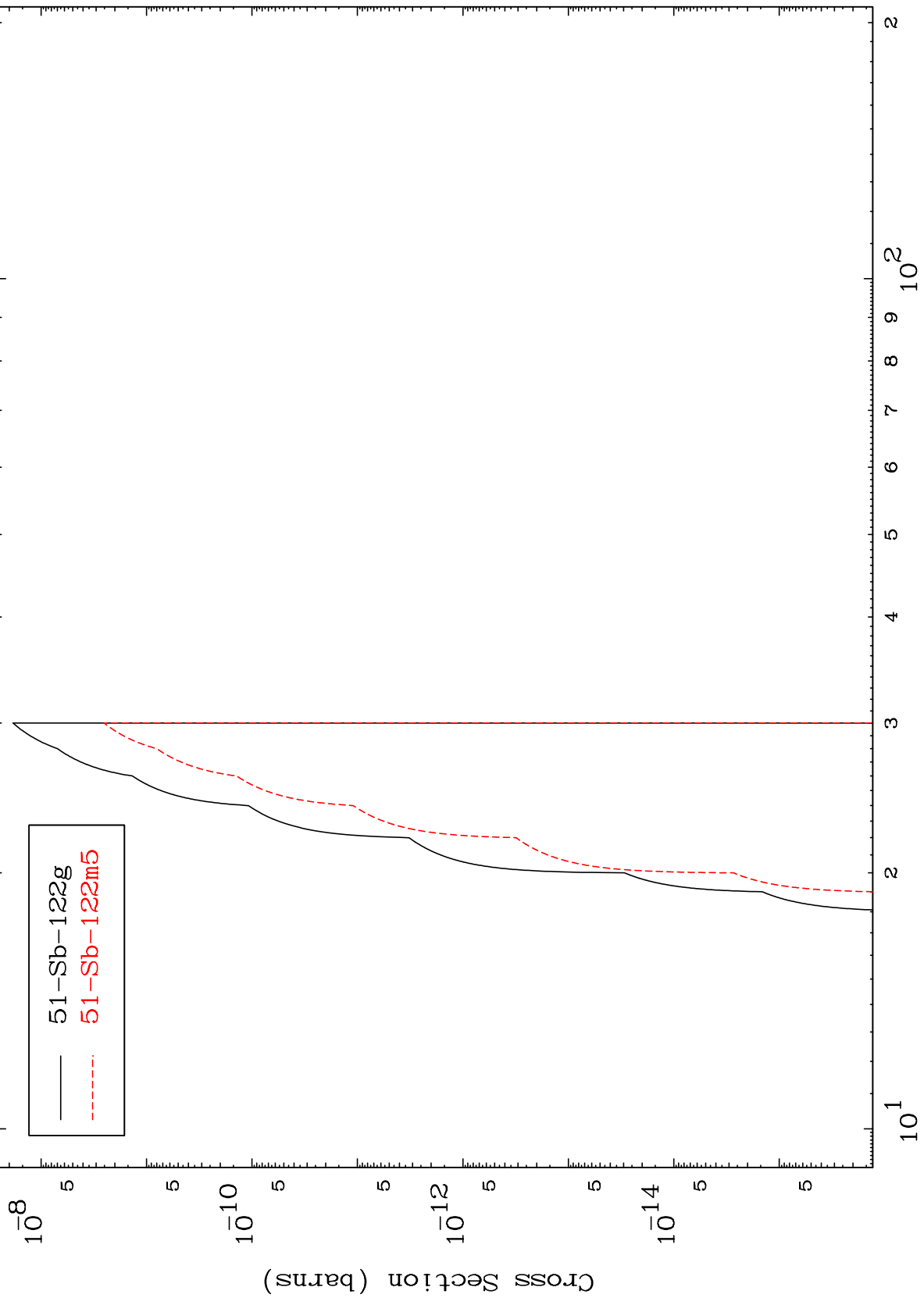
54-Xe-127

MAT 5435

(γ, p) α

54-Xe-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-127