

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

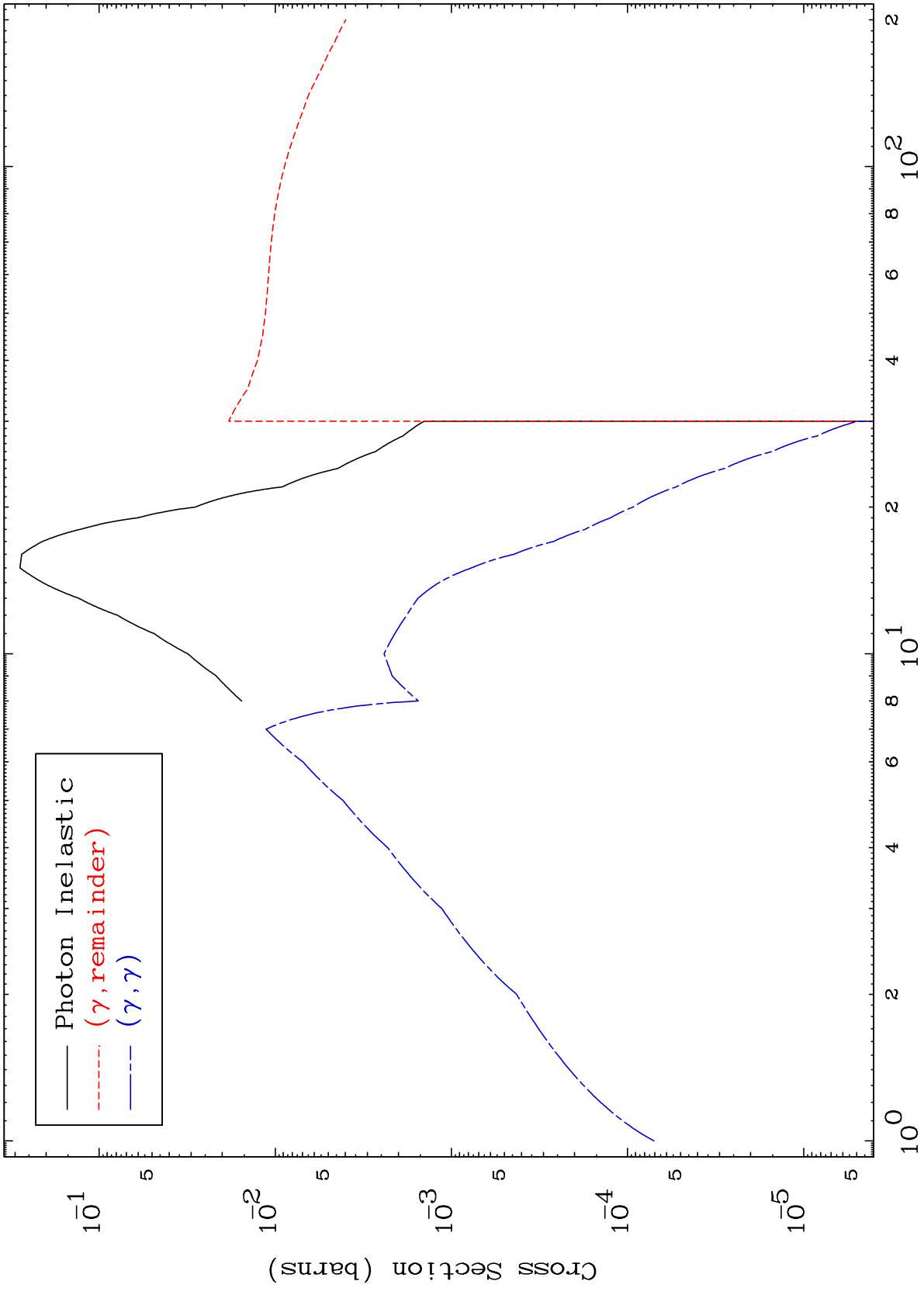
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5434

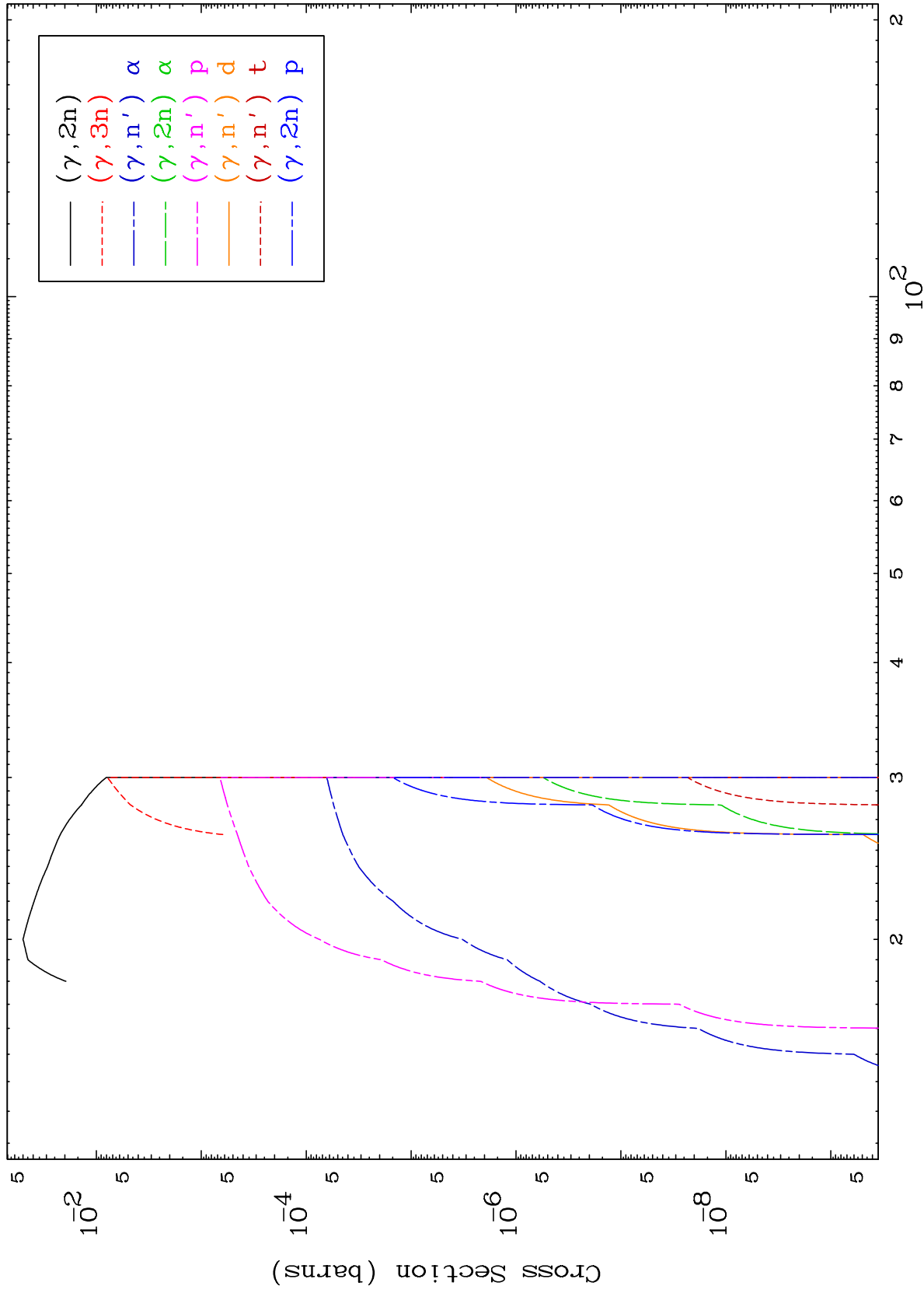
Photon Major
0 Kelvin Cross Sections

54-Xe-127



Incident Energy (MeV)

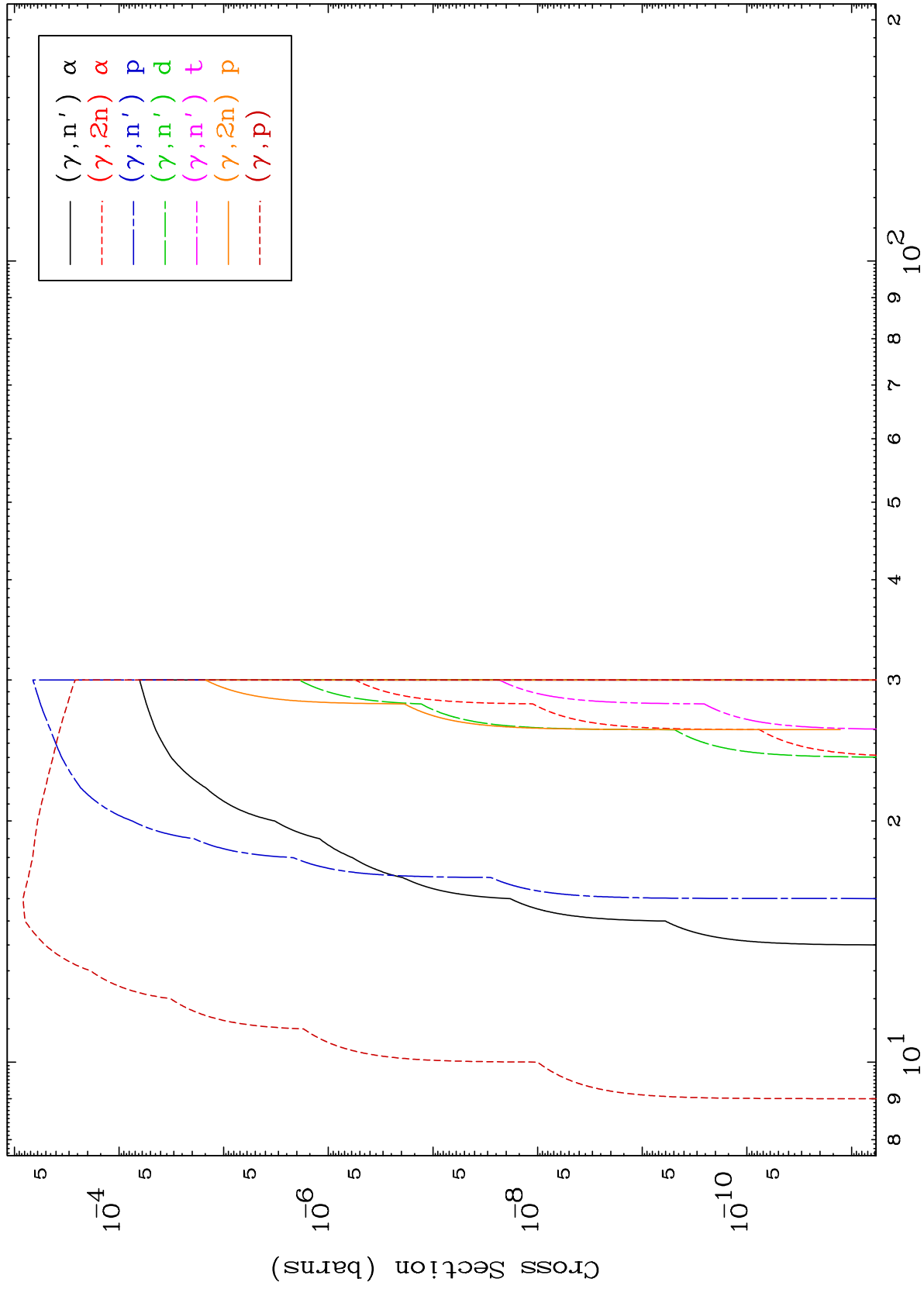
54-Xe-127



MAT 5434

Photon Charged Particle
0 Kelvin Cross Sections

54-Xe-127



3

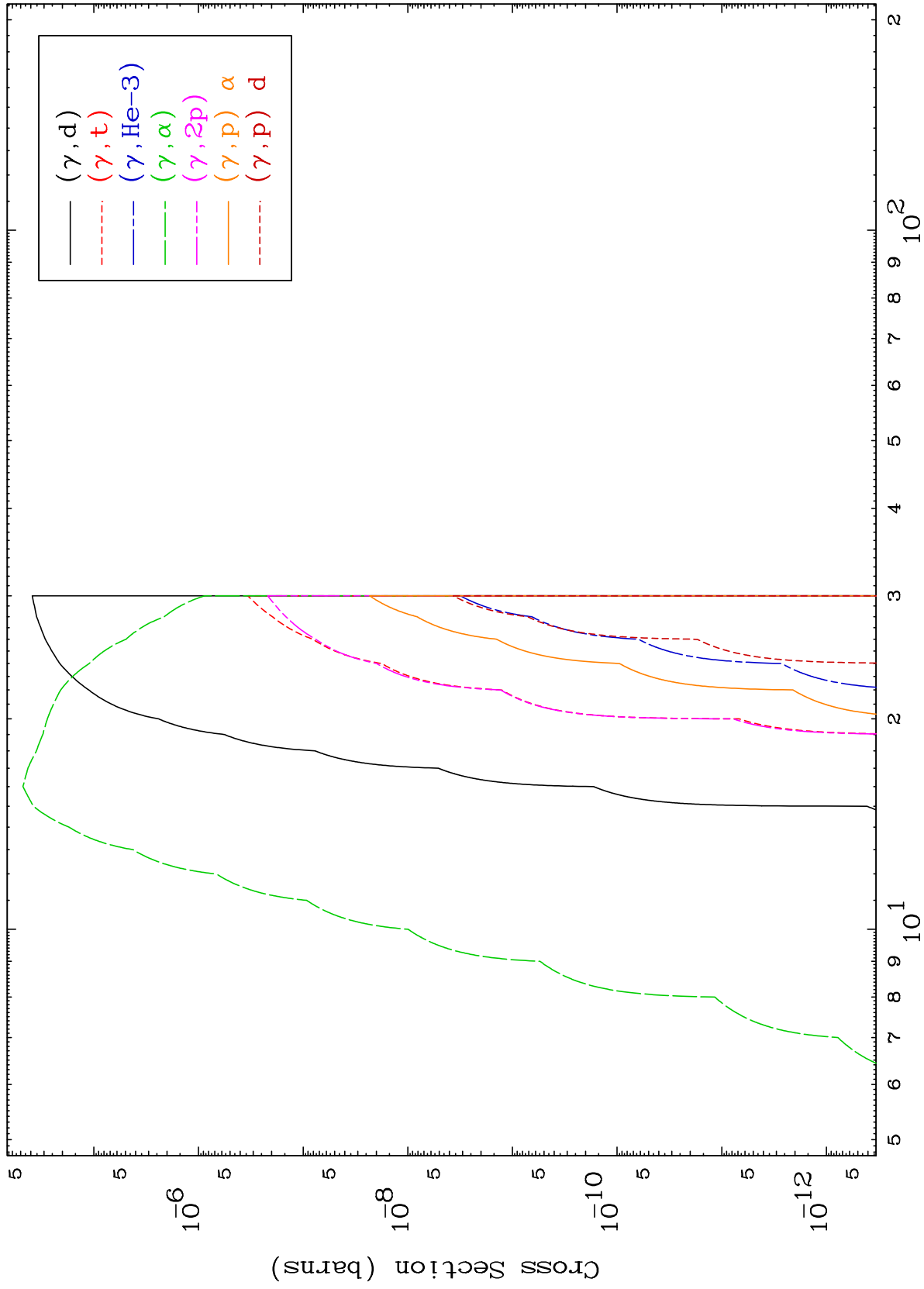
Incident Energy (MeV)

54-Xe-127

MAT 5434

Photon Charged Particle
0 Kelvin Cross Sections

54-Xe-127



4

Incident Energy (MeV)

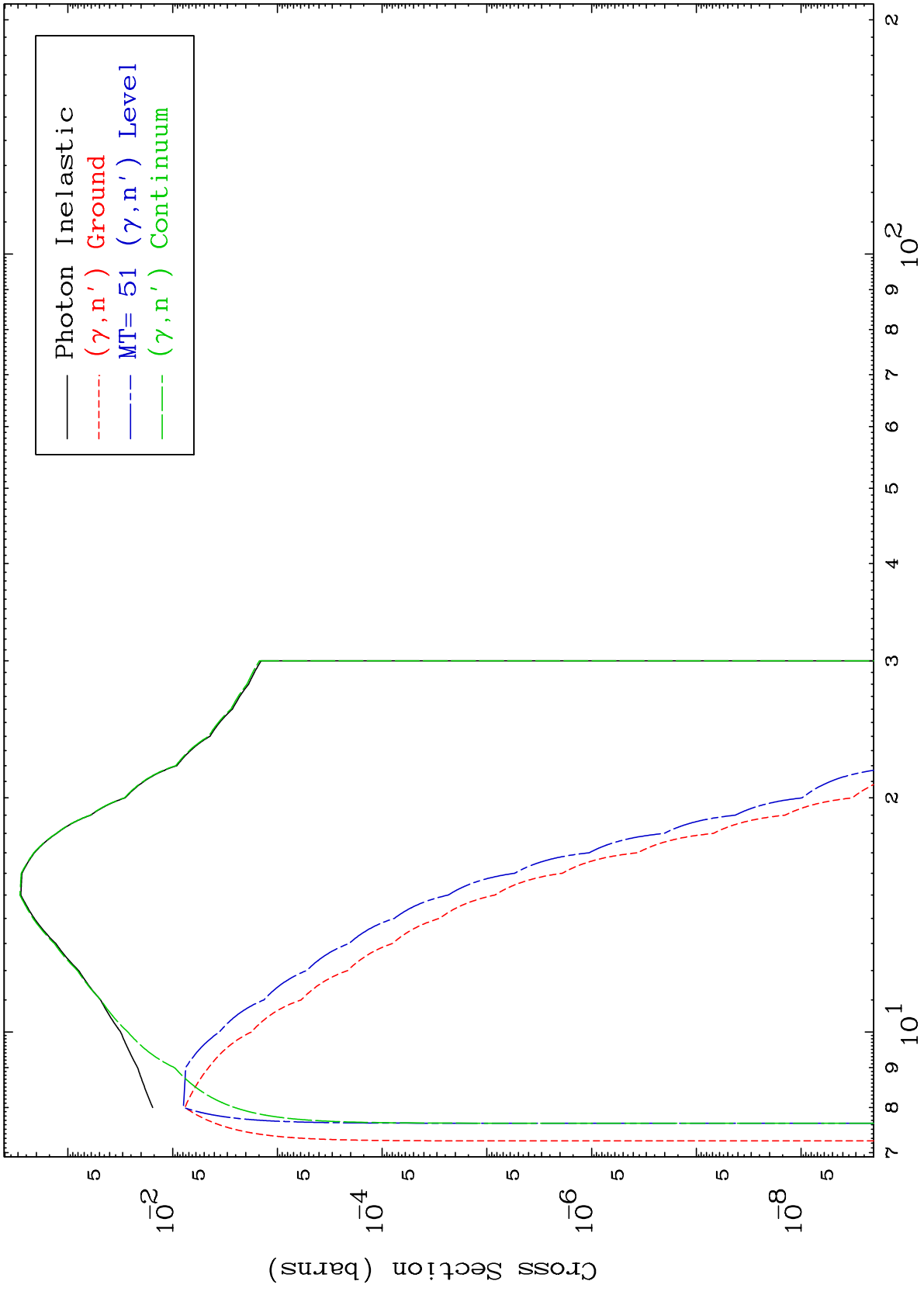
54-Xe-127

MAT 5434

(γ, n') Level

0 Kelvin Cross Sections

54-Xe-127



5

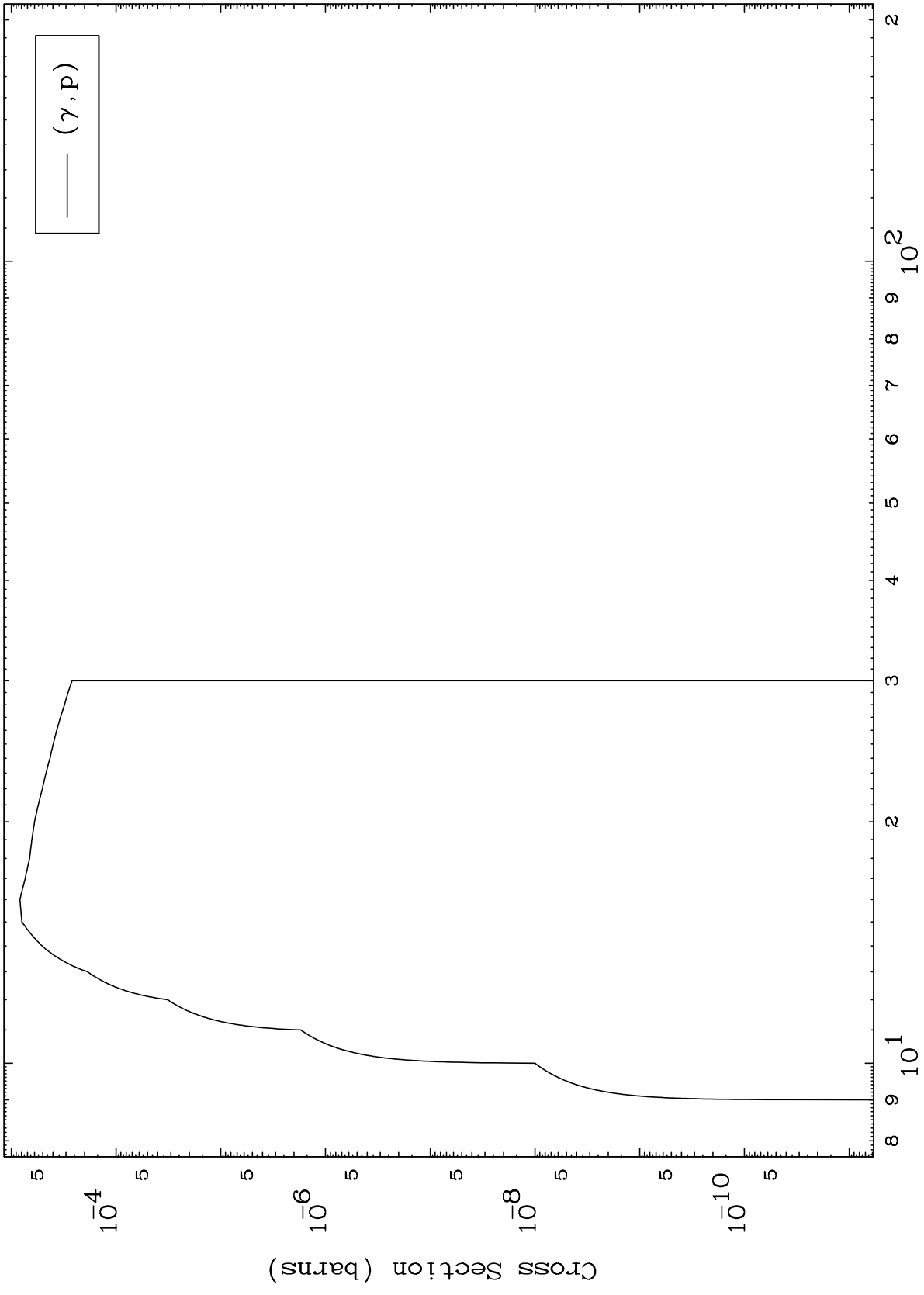
Incident Energy (MeV)

54-Xe-127

MAT 5434

(γ, p) Levels
0 Kelvin Cross Sections

54-Xe-127



6

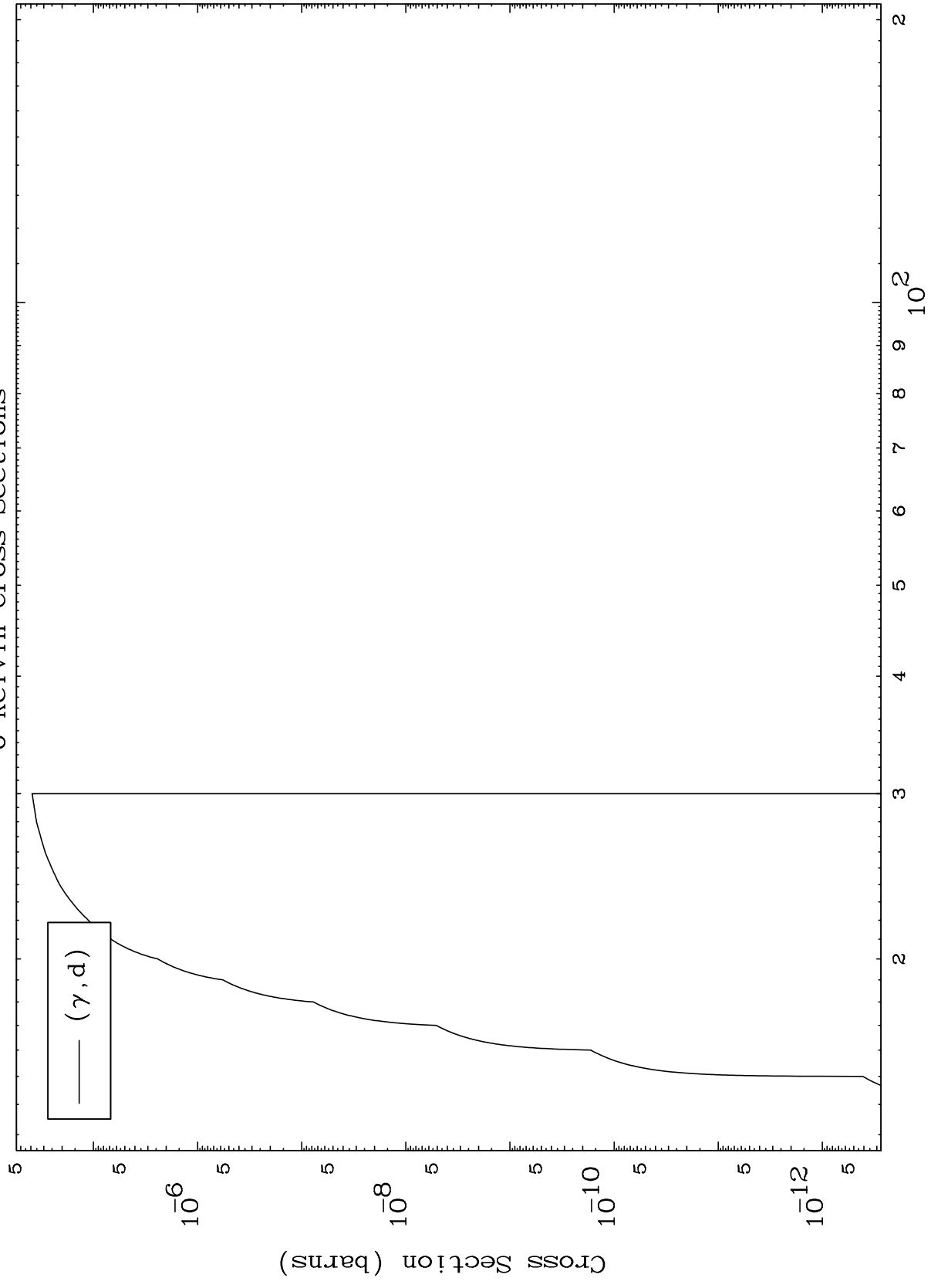
Incident Energy (MeV)

54-Xe-127

MAT 5434

(γ, d) Levels
0 Kelvin Cross Sections

54-Xe-127



7

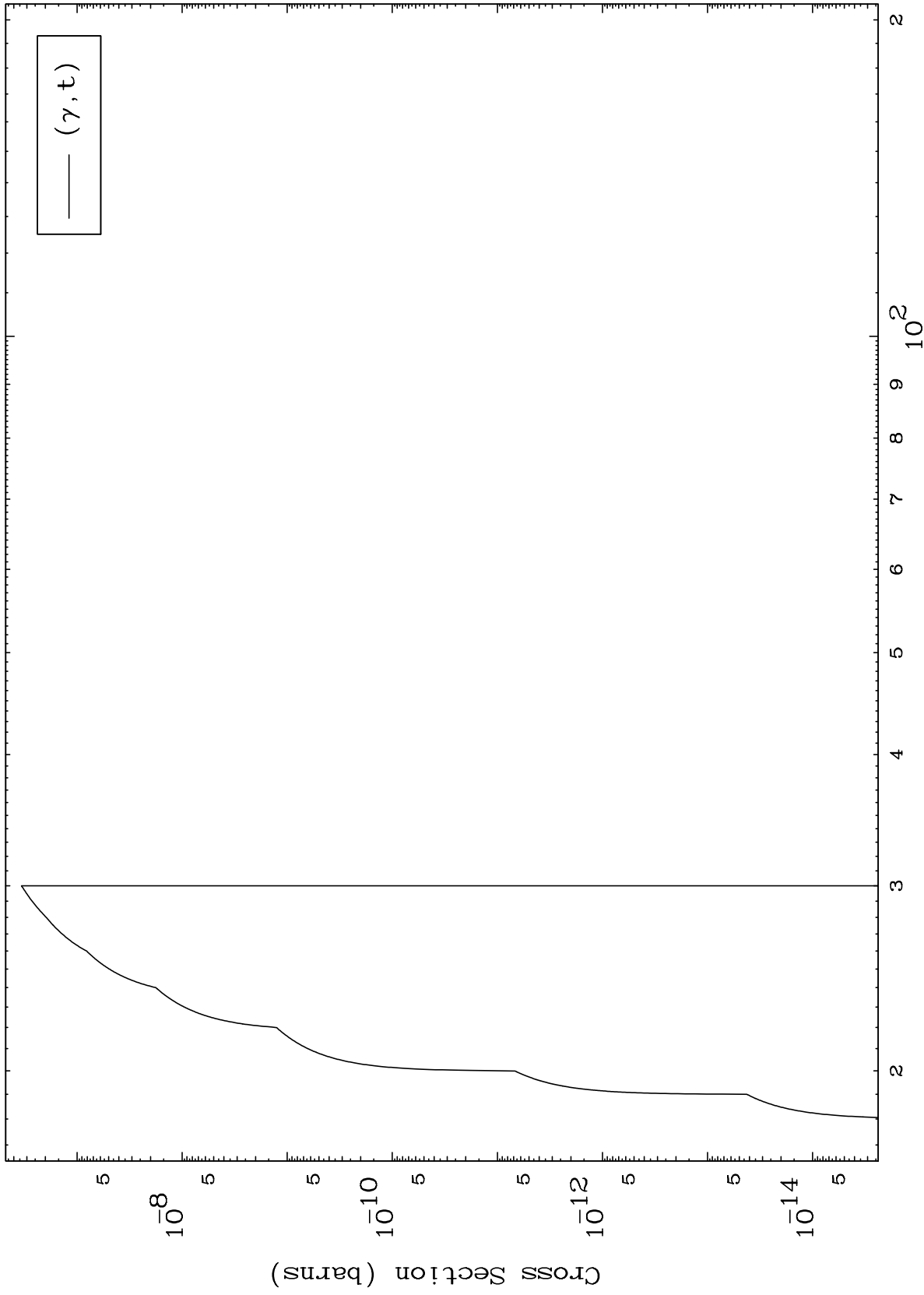
Incident Energy (MeV)

54-Xe-127

MAT 5434

(γ, t) Levels
0 Kelvin Cross Sections

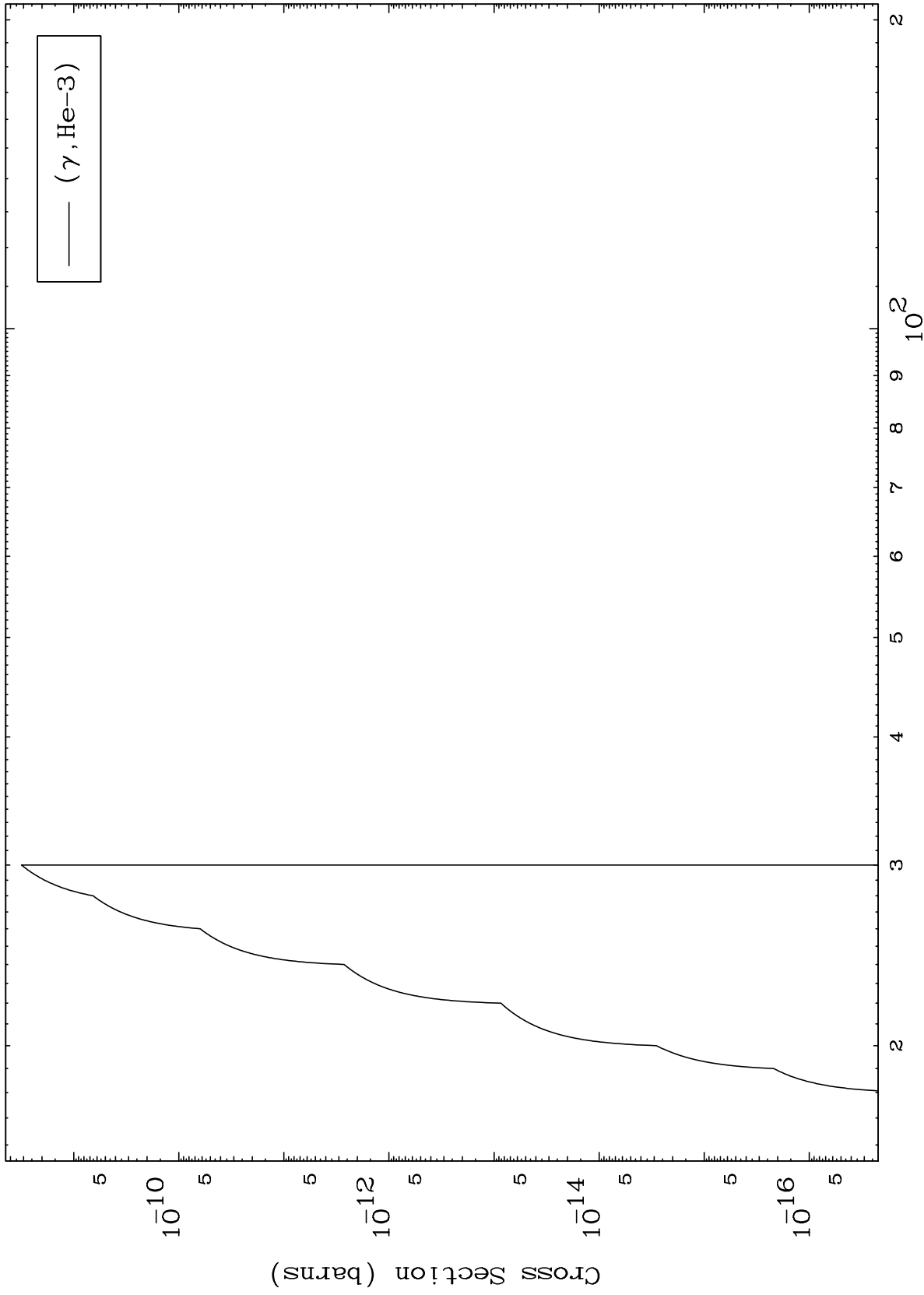
54-Xe-127



8

Incident Energy (MeV)

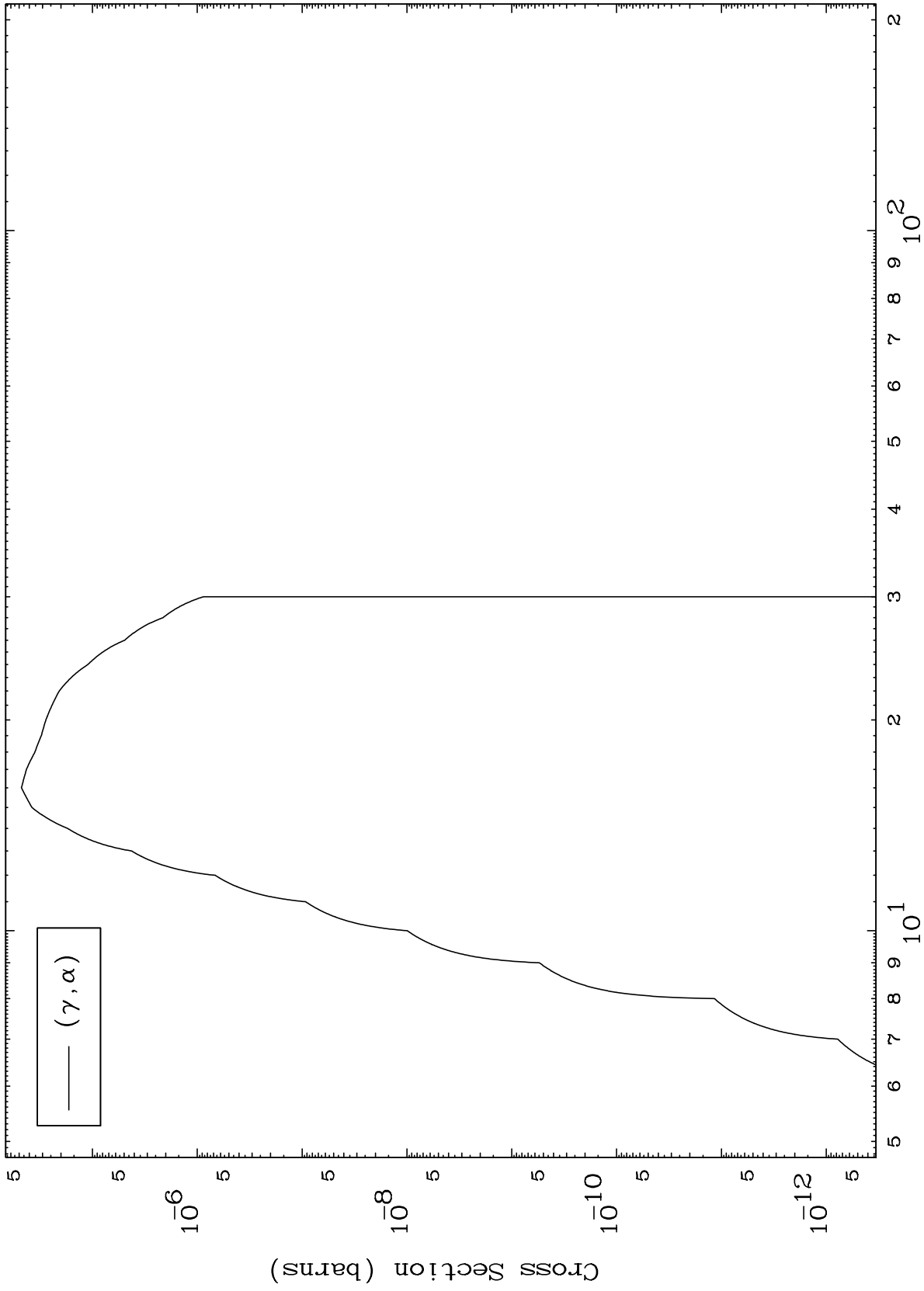
54-Xe-127



MAT 5434

(γ, α) Levels
0 Kelvin Cross Sections

54-Xe-127



10

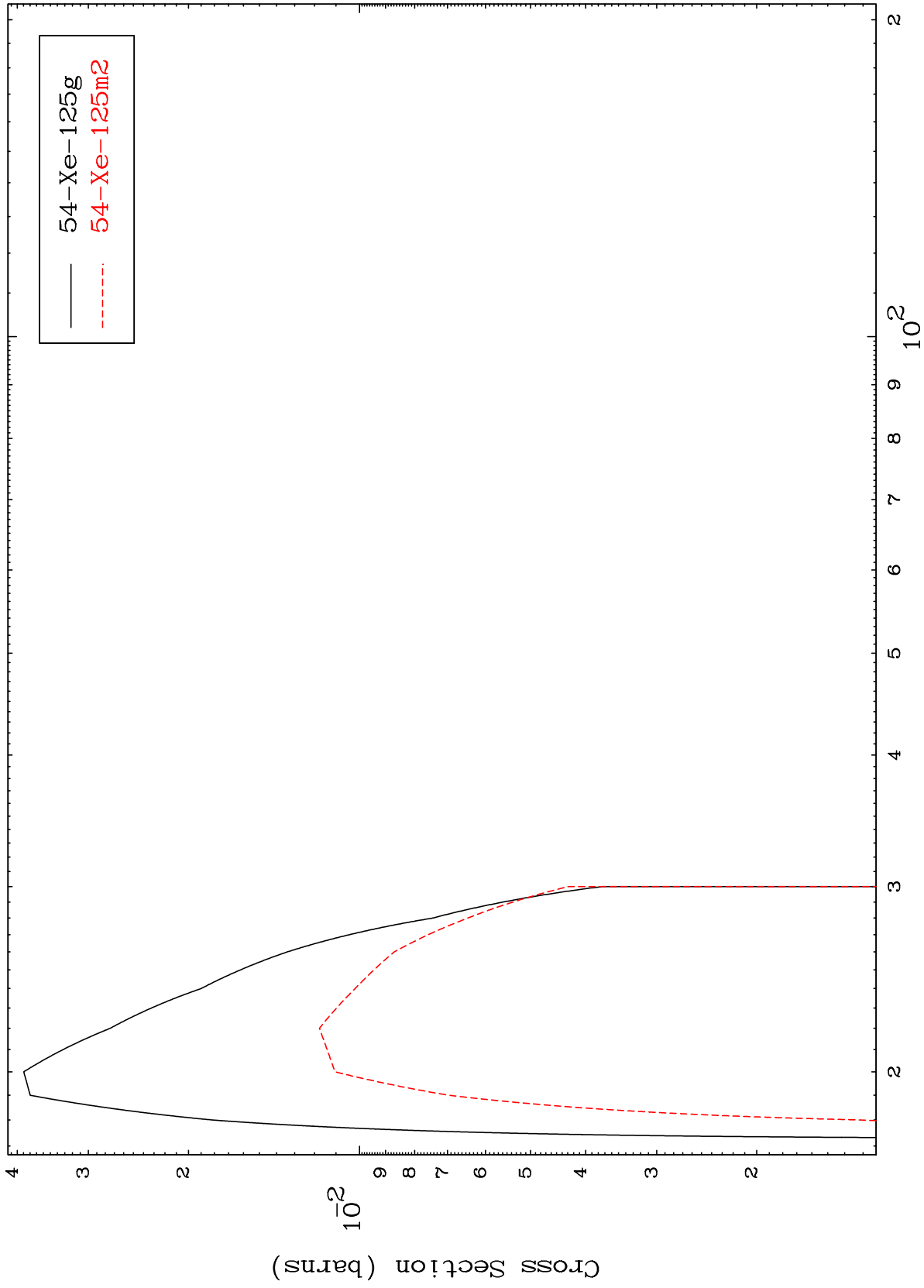
Incident Energy (MeV)

54-Xe-127

MAT 5434

54-Xe-127

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



11

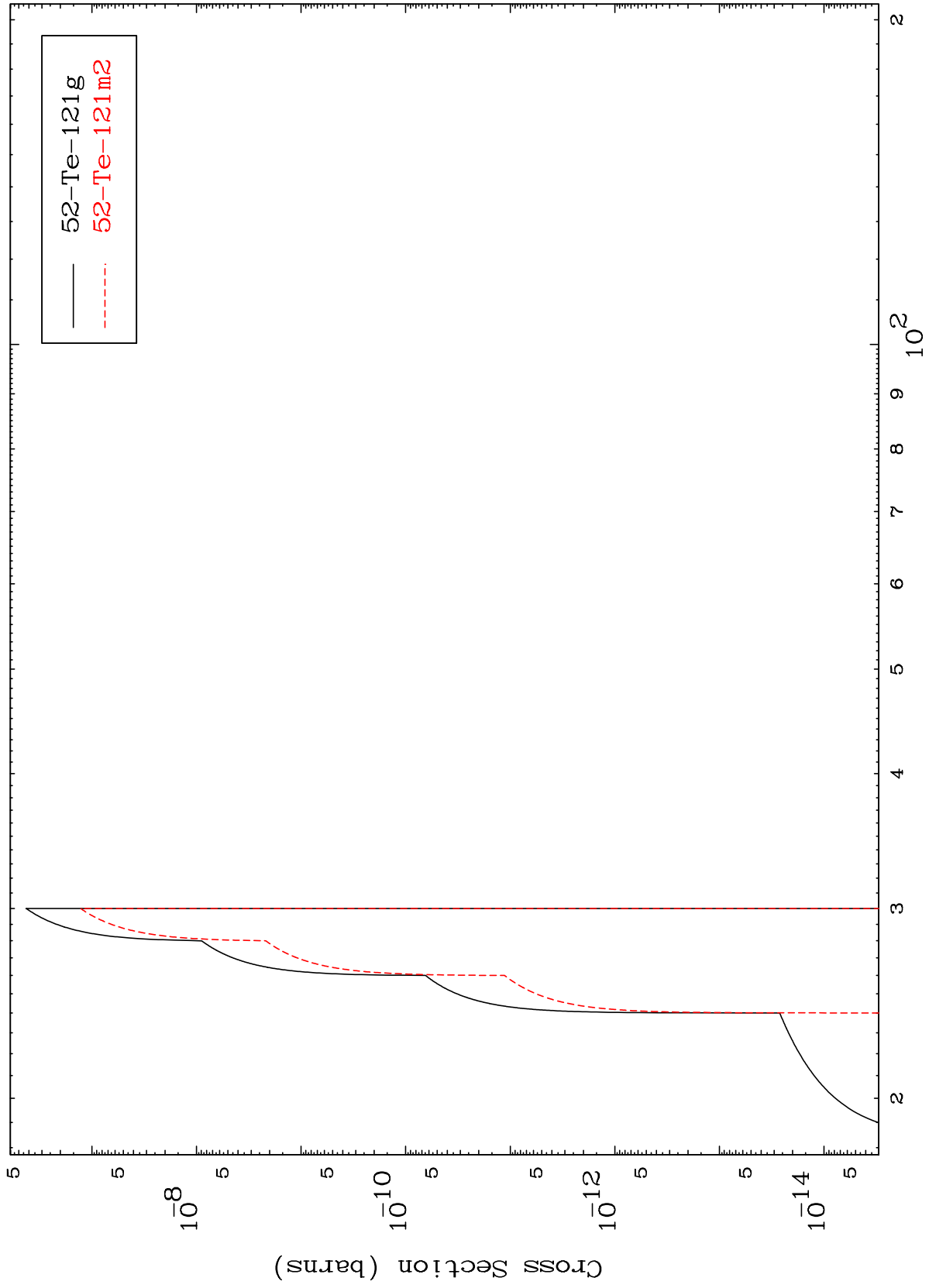
54-Xe-127

MAT 5434

$(\gamma, 2n) \alpha$

54-Xe-127

Radionuclide Production Cross Section



12

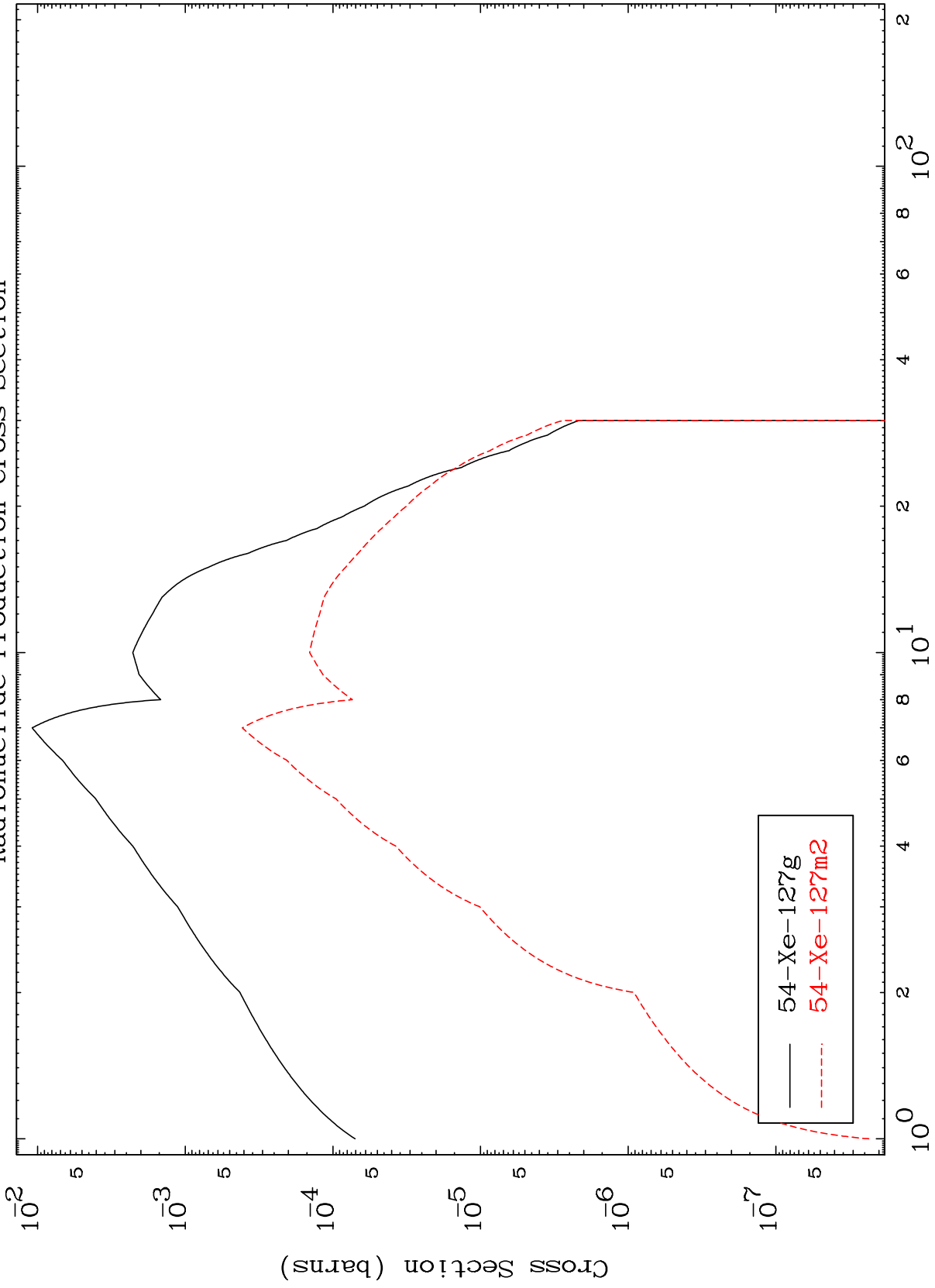
Incident Energy (MeV)

54-Xe-127

MAT 5434

Radionuclide Production Cross Section
(γ, γ)

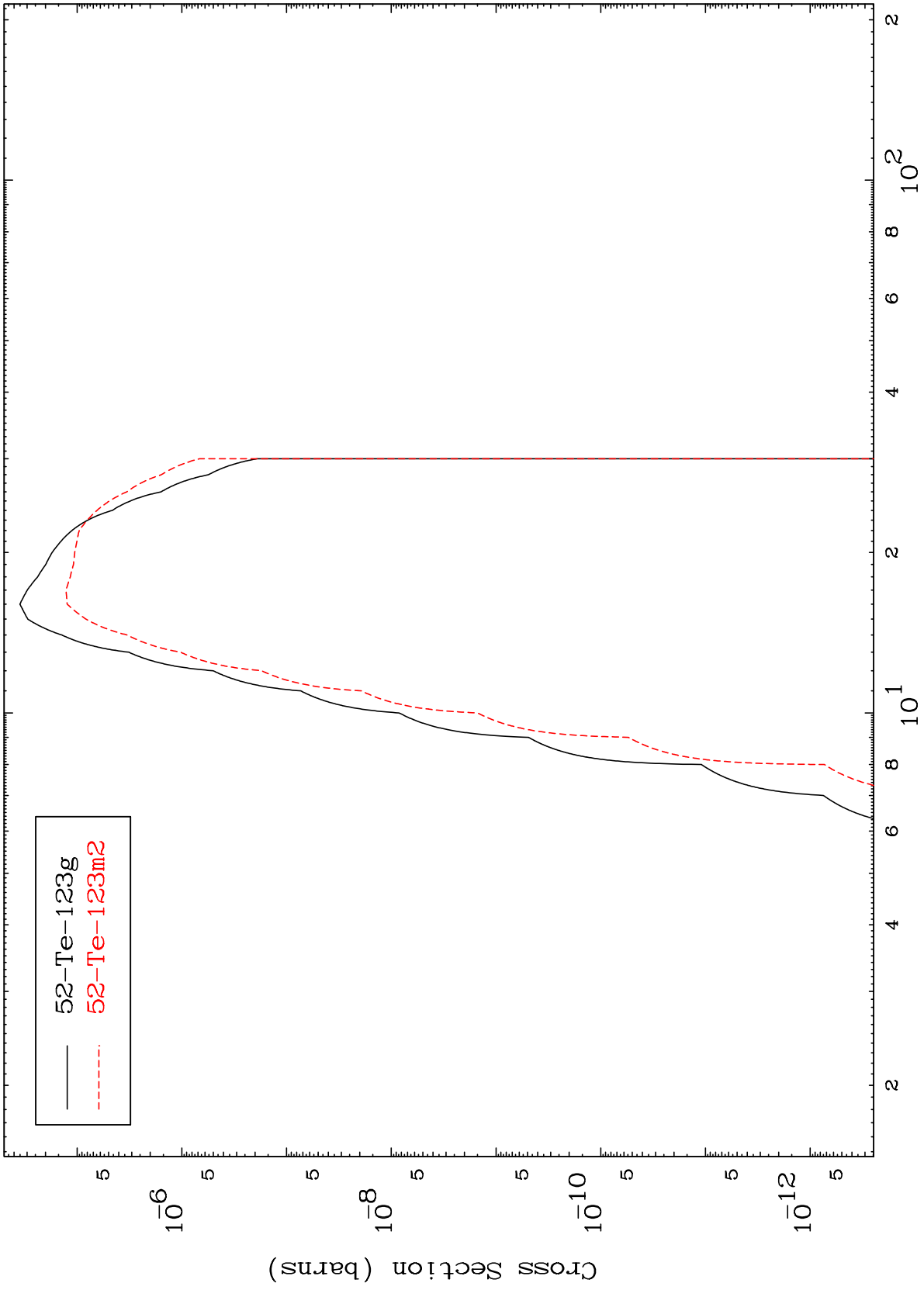
54-Xe-127



MAT 5434

54-Xe-127

Radionuclide Production Cross Section
(γ, α)



14

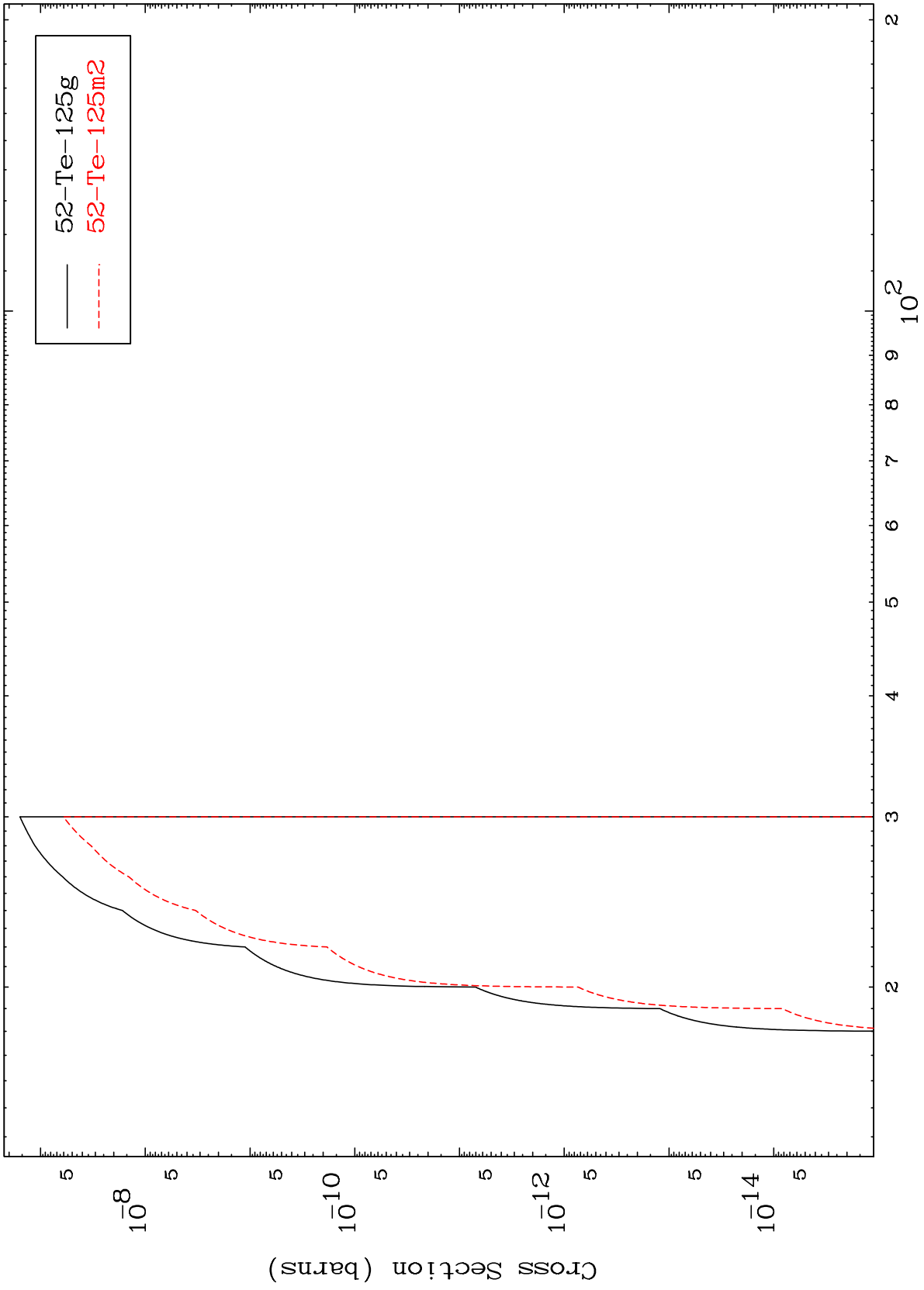
Incident Energy (MeV)

54-Xe-127

MAT 5434

54-Xe-127

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



15

Incident Energy (MeV)

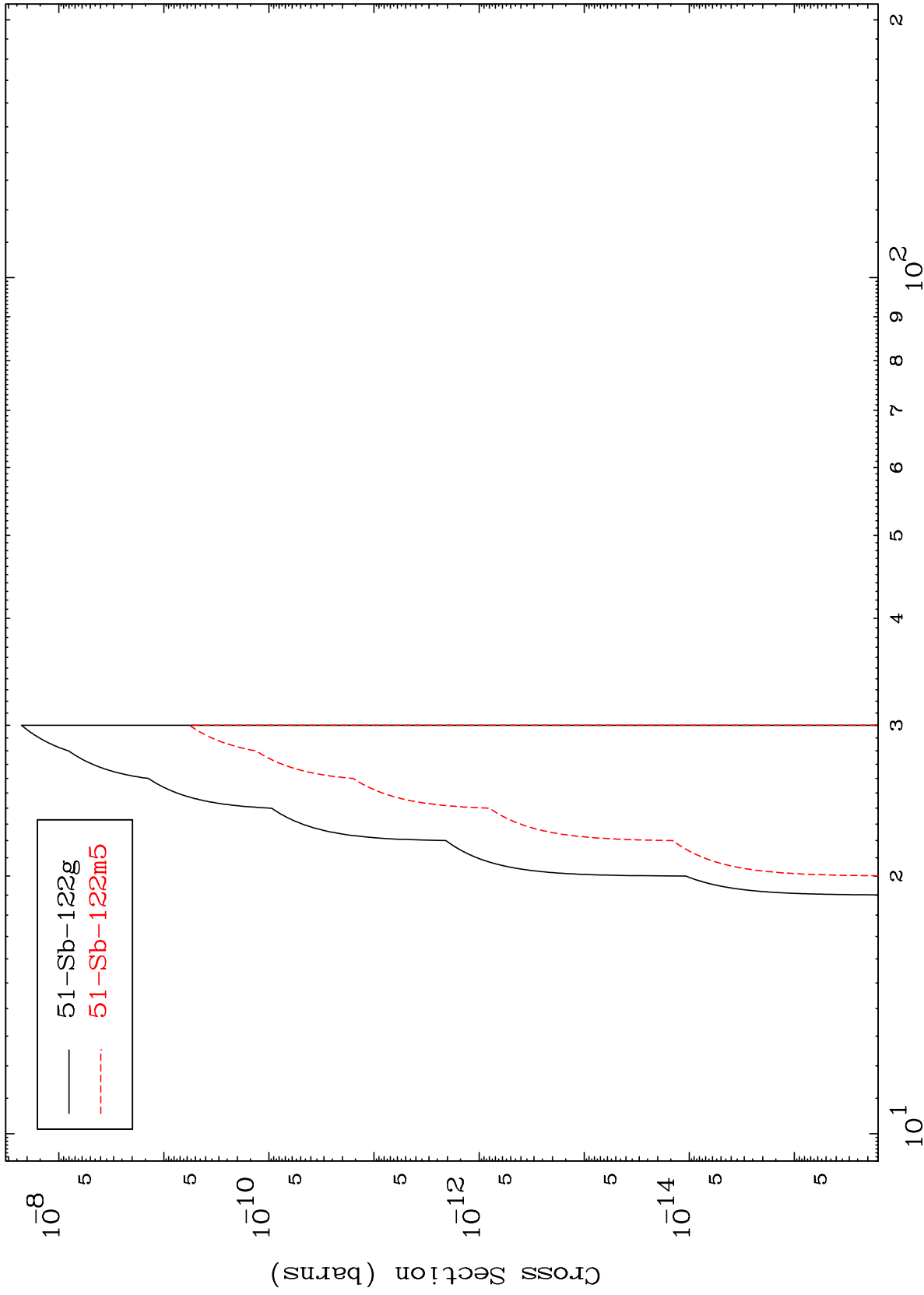
54-Xe-127

MAT 5434

(γ, p) α

54-Xe-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-127