

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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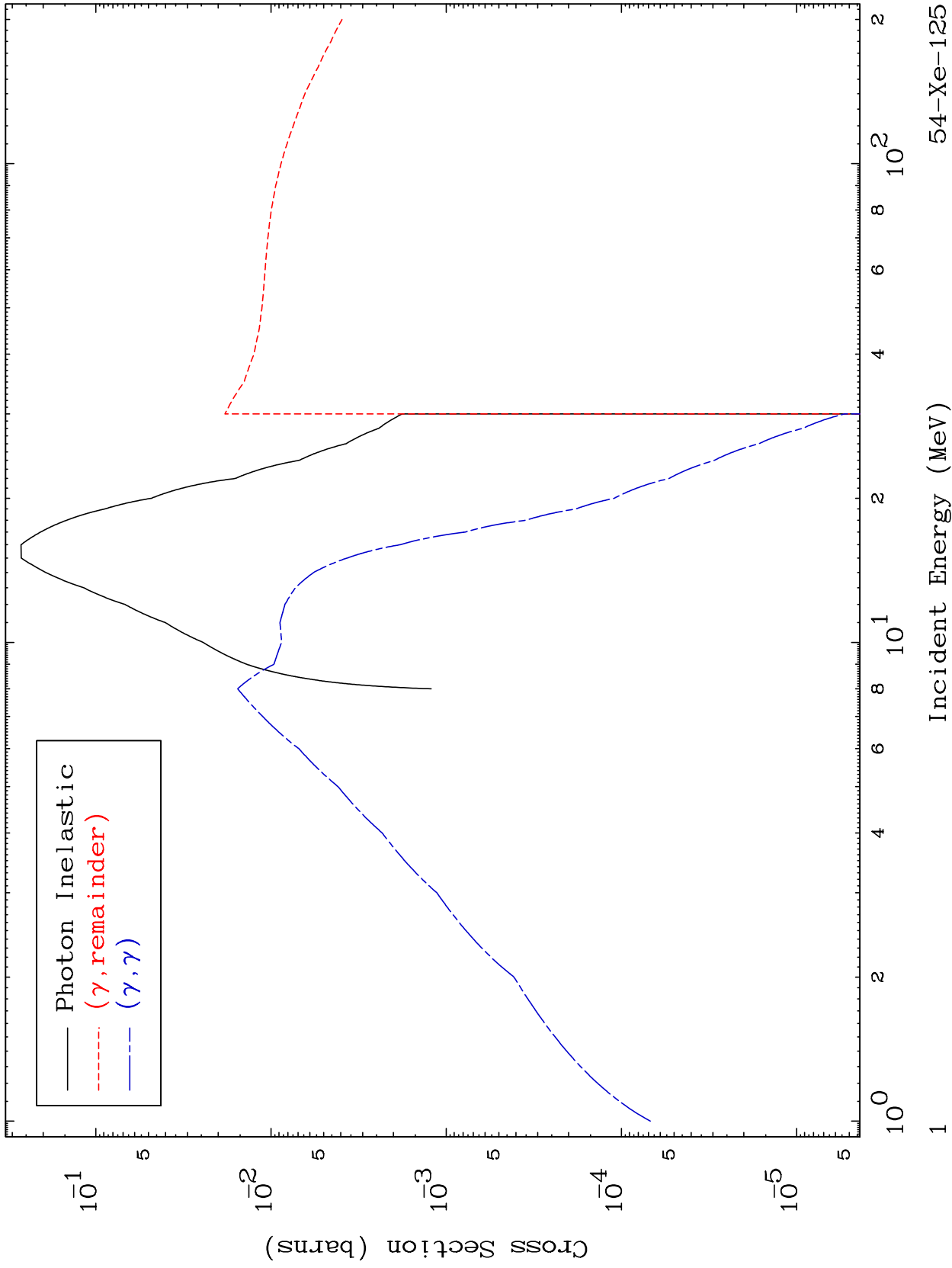
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

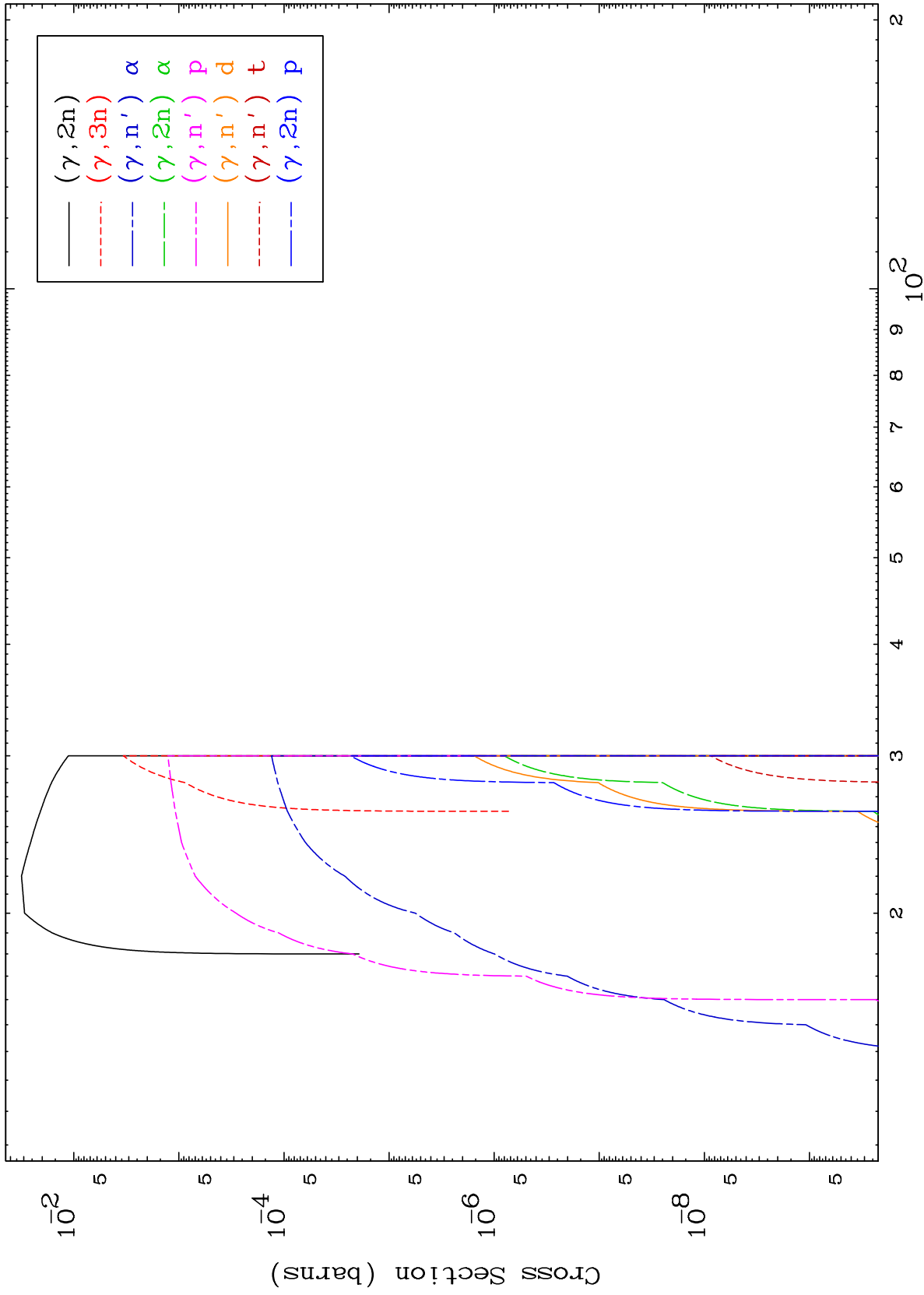
Press Mouse Button to Start

MAT 5429

Photon Major
0 Kelvin Cross Sections

54-Xe-125

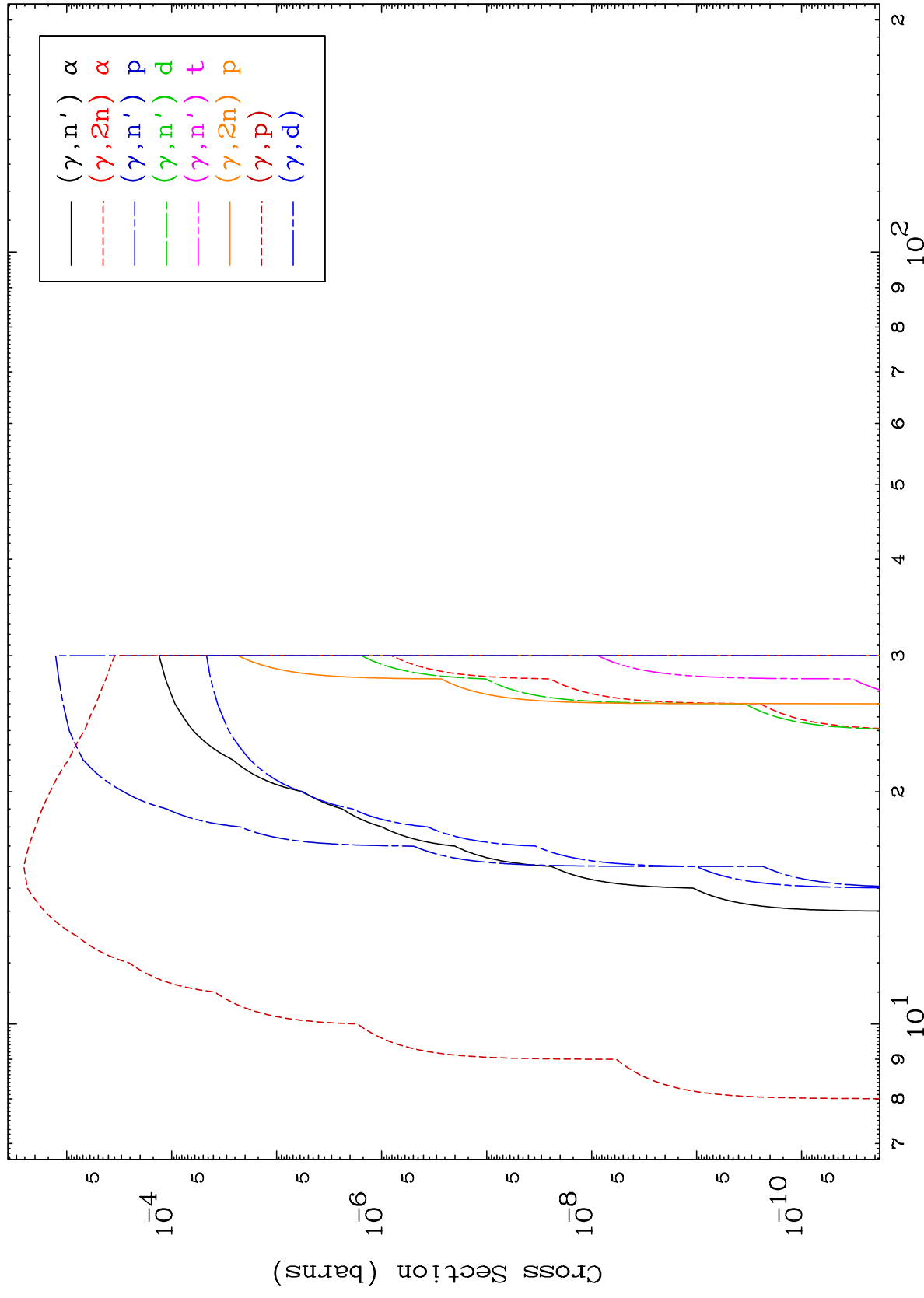




MAT 5429

Photon Charged Particle
0 Kelvin Cross Sections

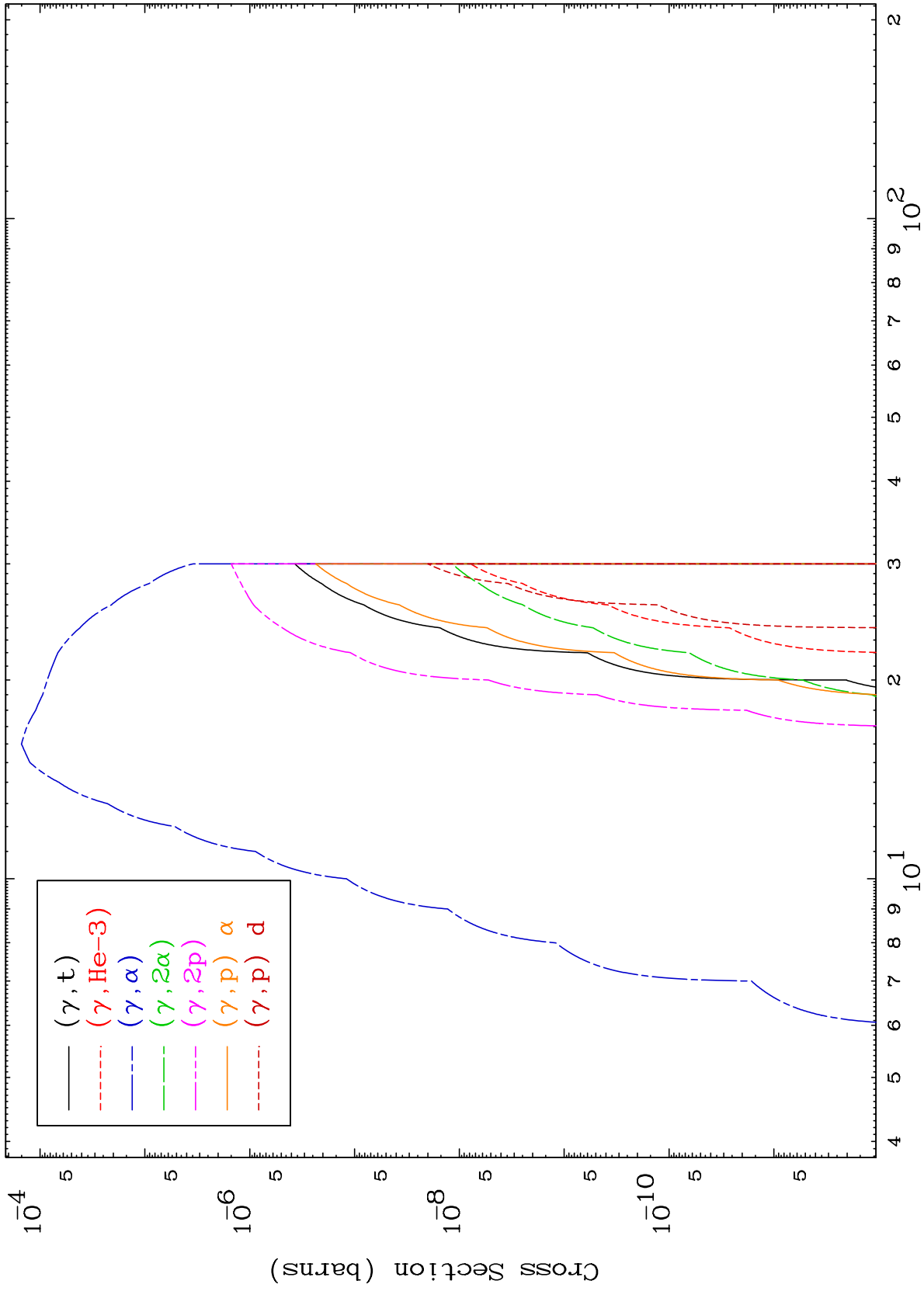
54-Xe-125



3

Incident Energy (MeV)

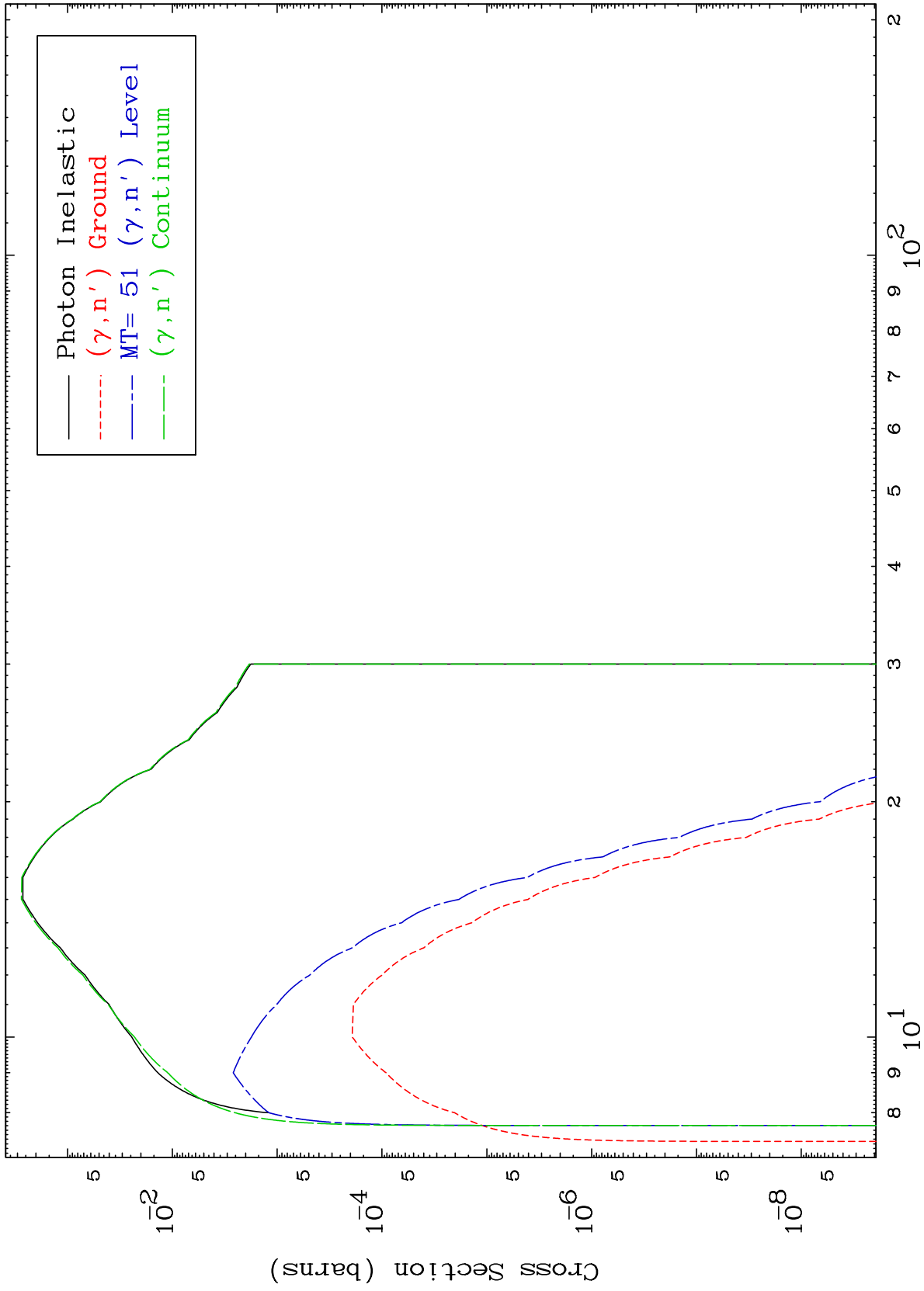
54-Xe-125



MAT 5429

(γ, n') Level
0 Kelvin Cross Sections

54-Xe-125



5

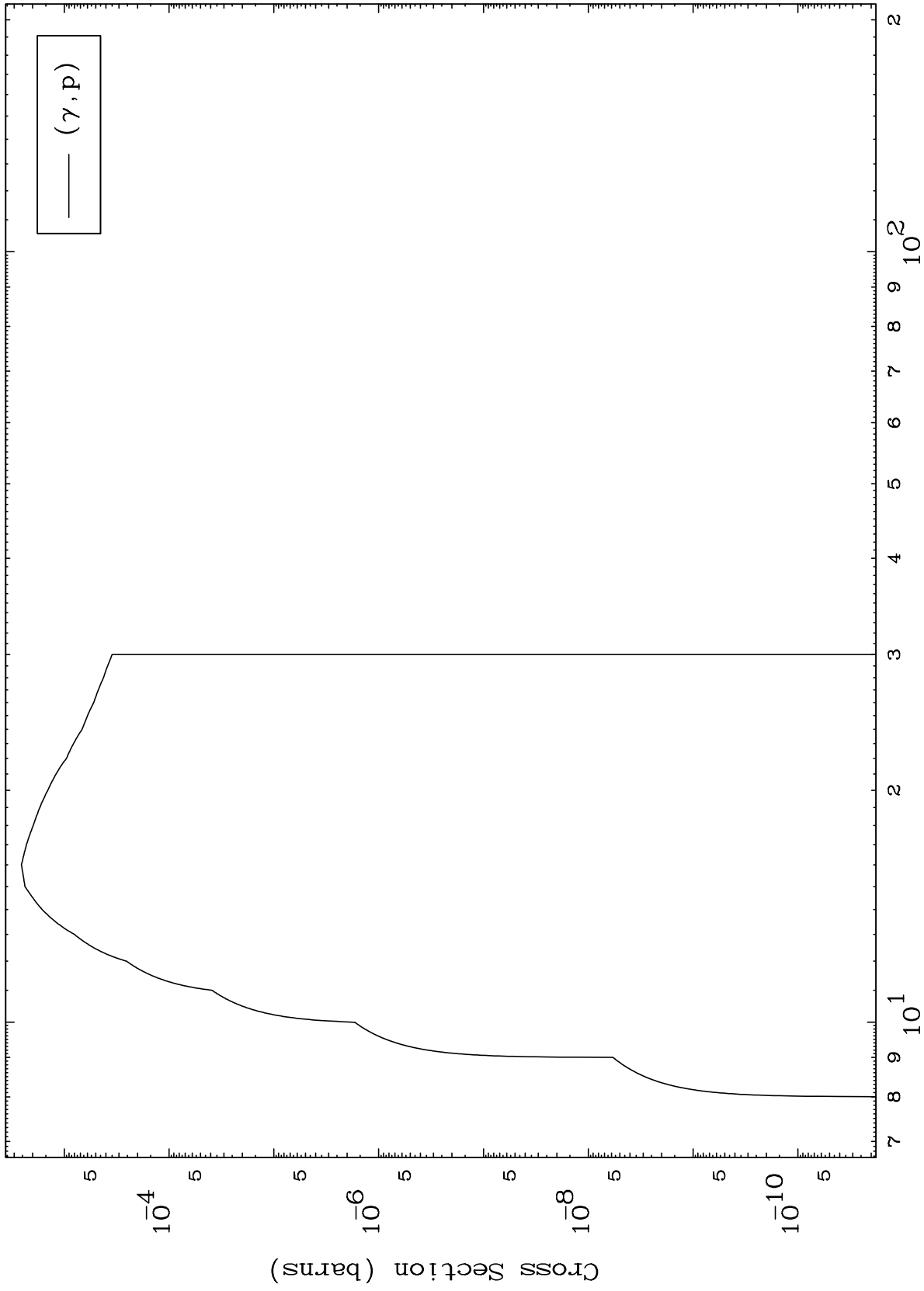
Incident Energy (MeV)

54-Xe-125

MAT 5429

(γ, p) Levels
0 Kelvin Cross Sections

54-Xe-125



6

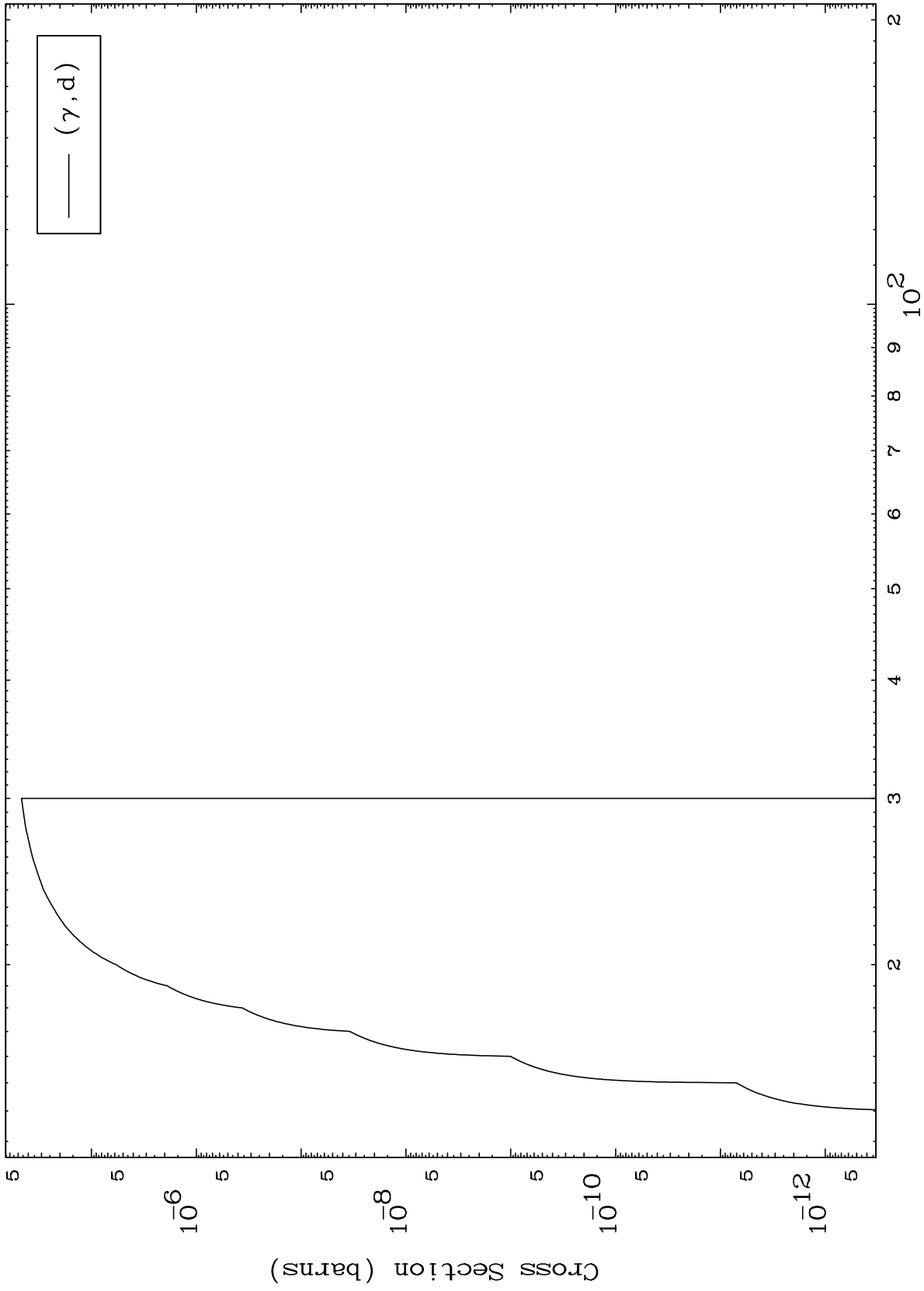
Incident Energy (MeV)

54-Xe-125

MAT 5429

(γ, d) Levels
0 Kelvin Cross Sections

54-Xe-125



7

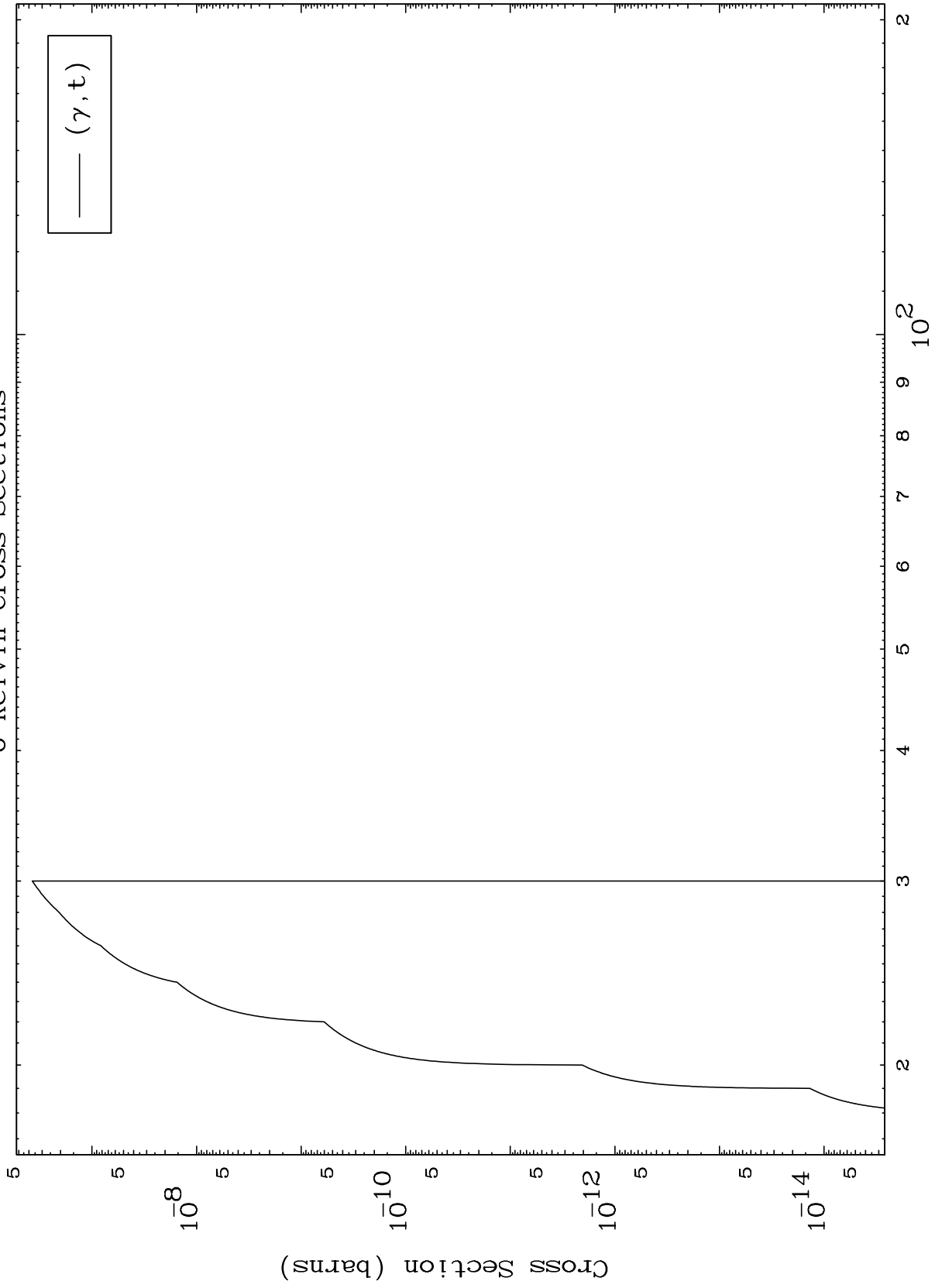
Incident Energy (MeV)

54-Xe-125

MAT 5429

(γ, t) Levels
0 Kelvin Cross Sections

54-Xe-125



8

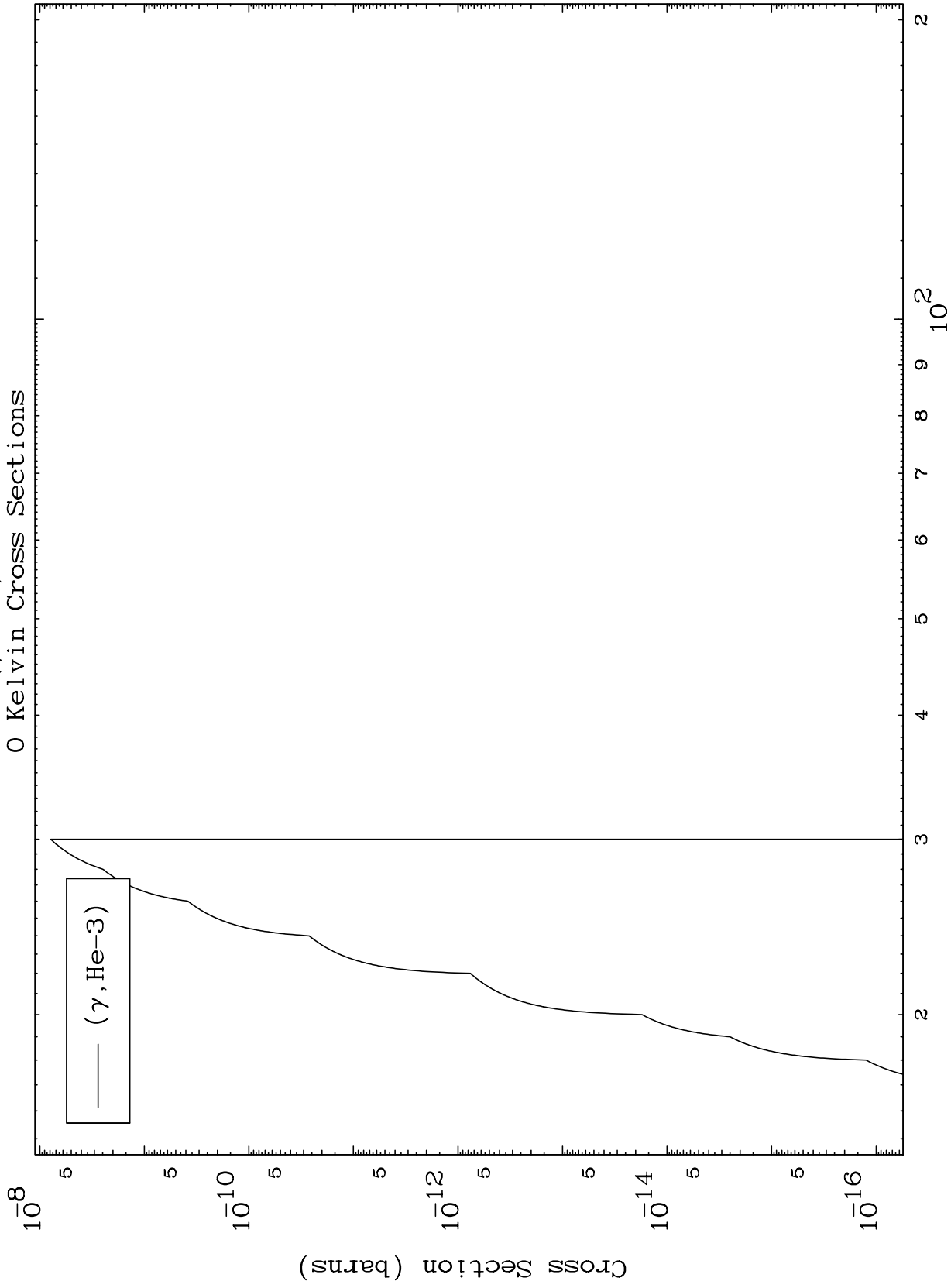
Incident Energy (MeV)

54-Xe-125

MAT 5429

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

54-Xe-125



9

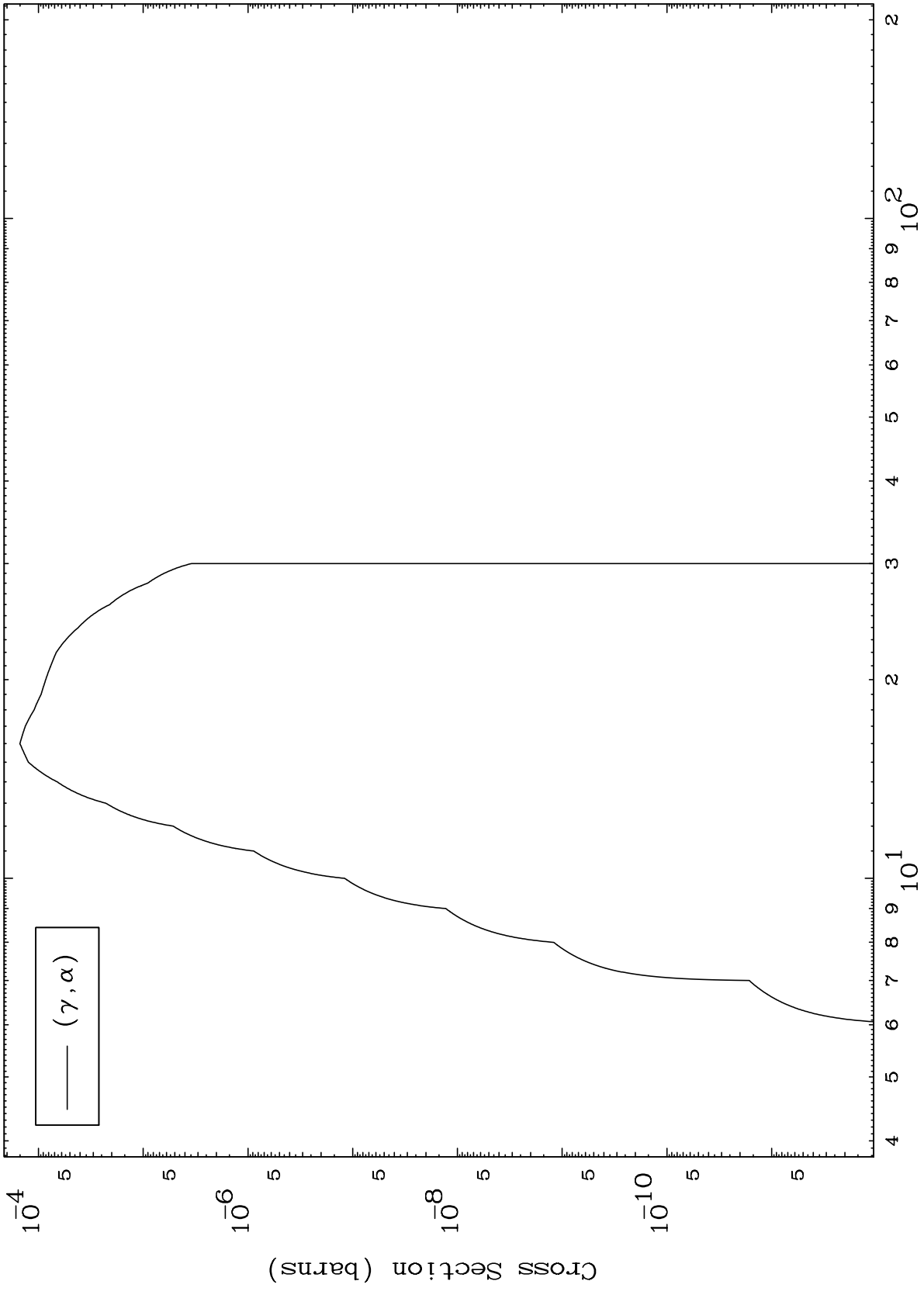
Incident Energy (MeV)

54-Xe-125

MAT 5429

(γ, α) Levels
0 Kelvin Cross Sections

54-Xe-125



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Incident Energy (MeV)

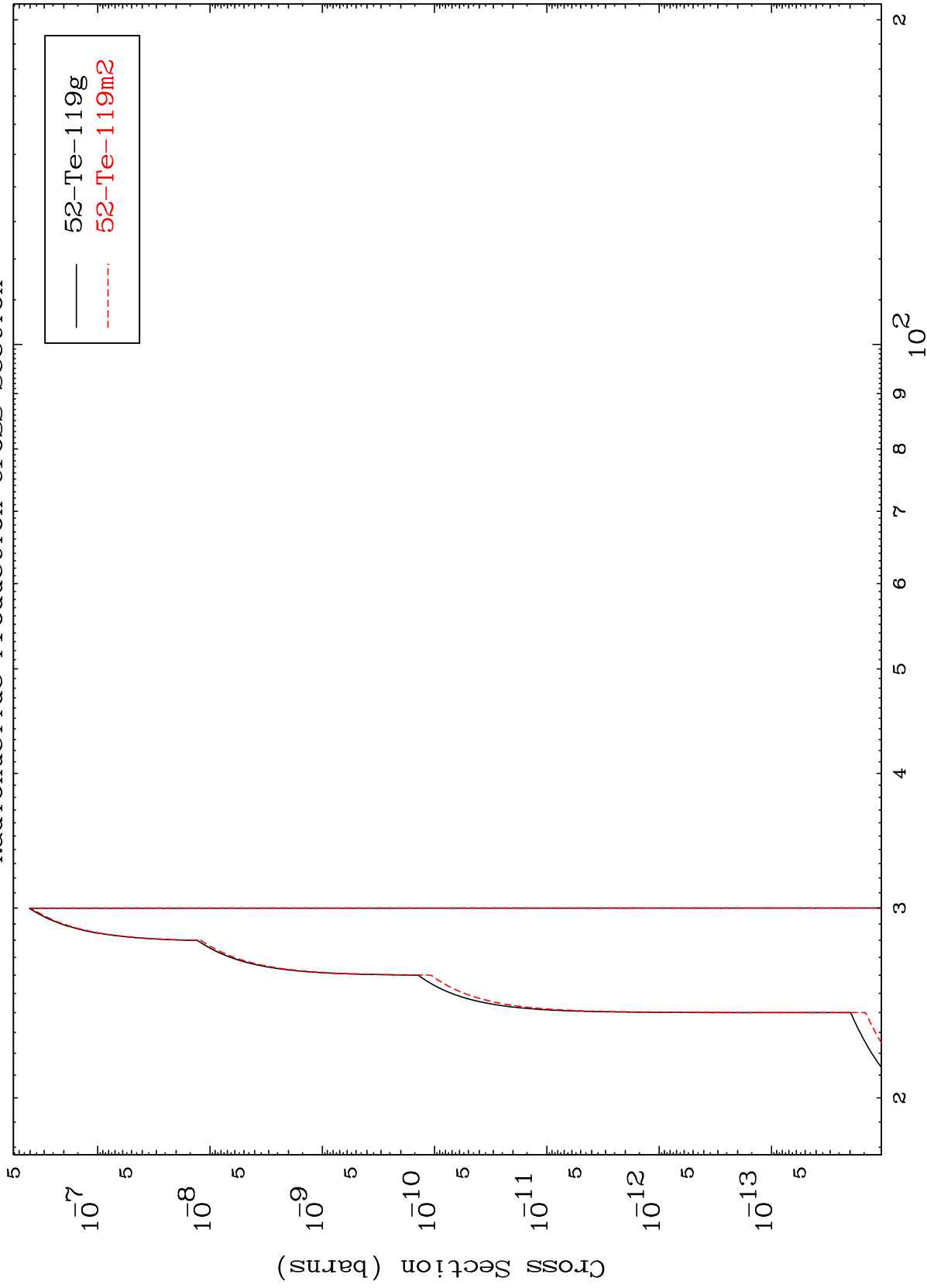
54-Xe-125

MAT 5429

$(\gamma, 2n) \alpha$

54-Xe-125

Radionuclide Production Cross Section



11

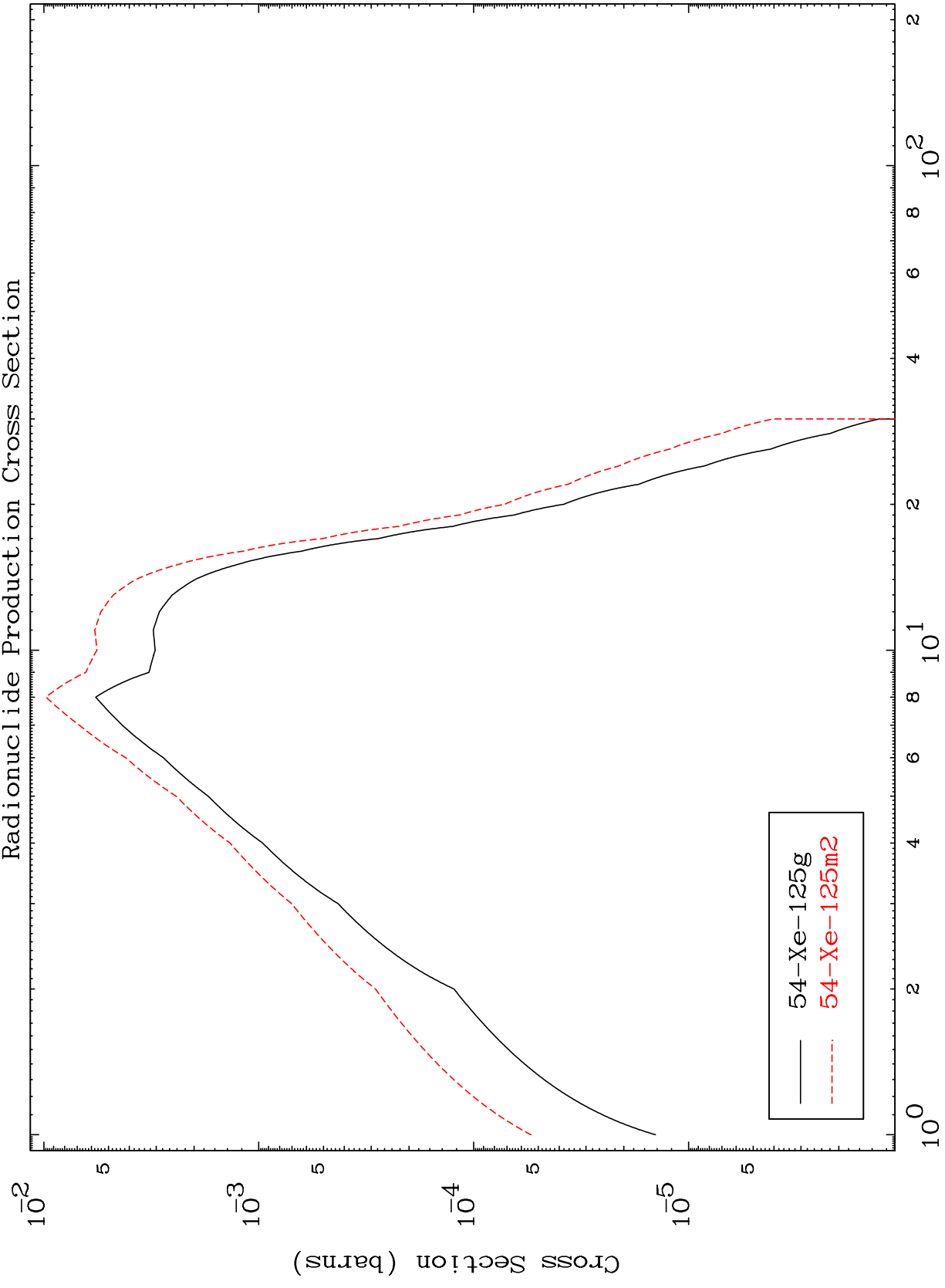
Incident Energy (MeV)

54-Xe-125

MAT 5429

54-Xe-125

Radionuclide Production Cross Section
(γ, γ)



— 54-Xe-125g
- - - 54-Xe-125m2

54-Xe-125

Incident Energy (MeV)

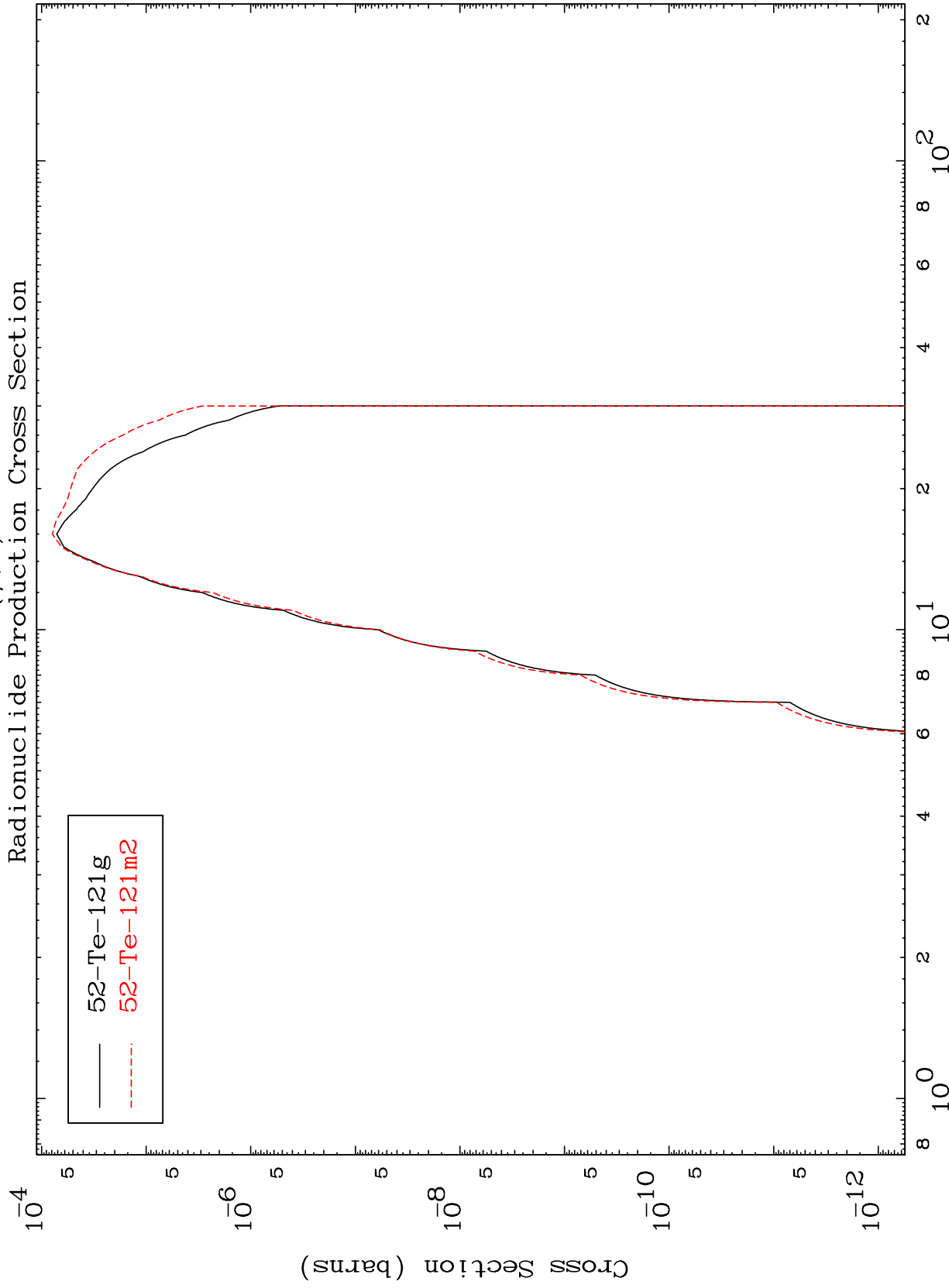
12

MAT 5429

54-Xe-125

Radionuclide Production Cross Section

(γ, α)



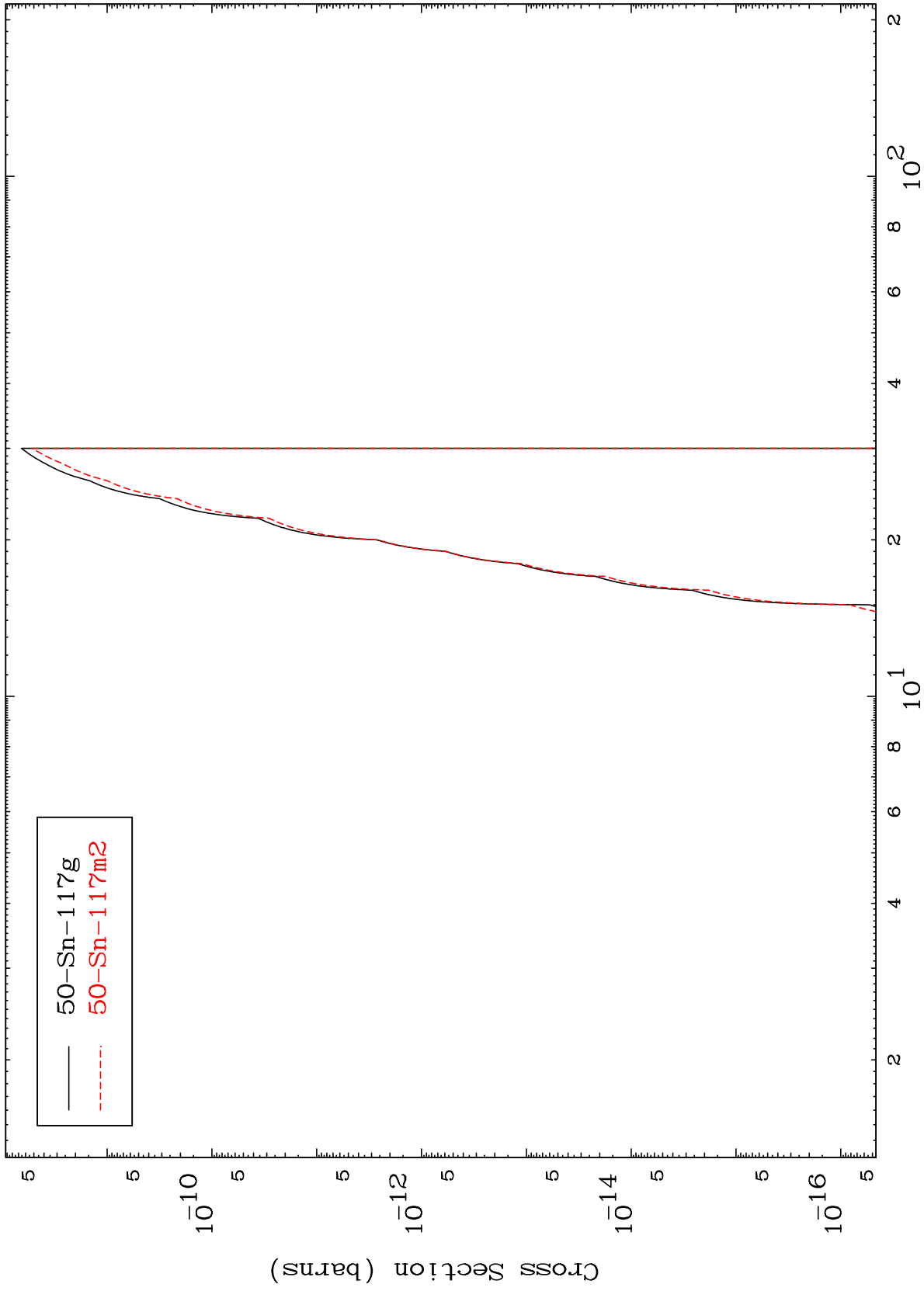
52-Te-121g
52-Te-121m2

MAT 5429

($\gamma, 2\alpha$)

54-Xe-125

Radionuclide Production Cross Section



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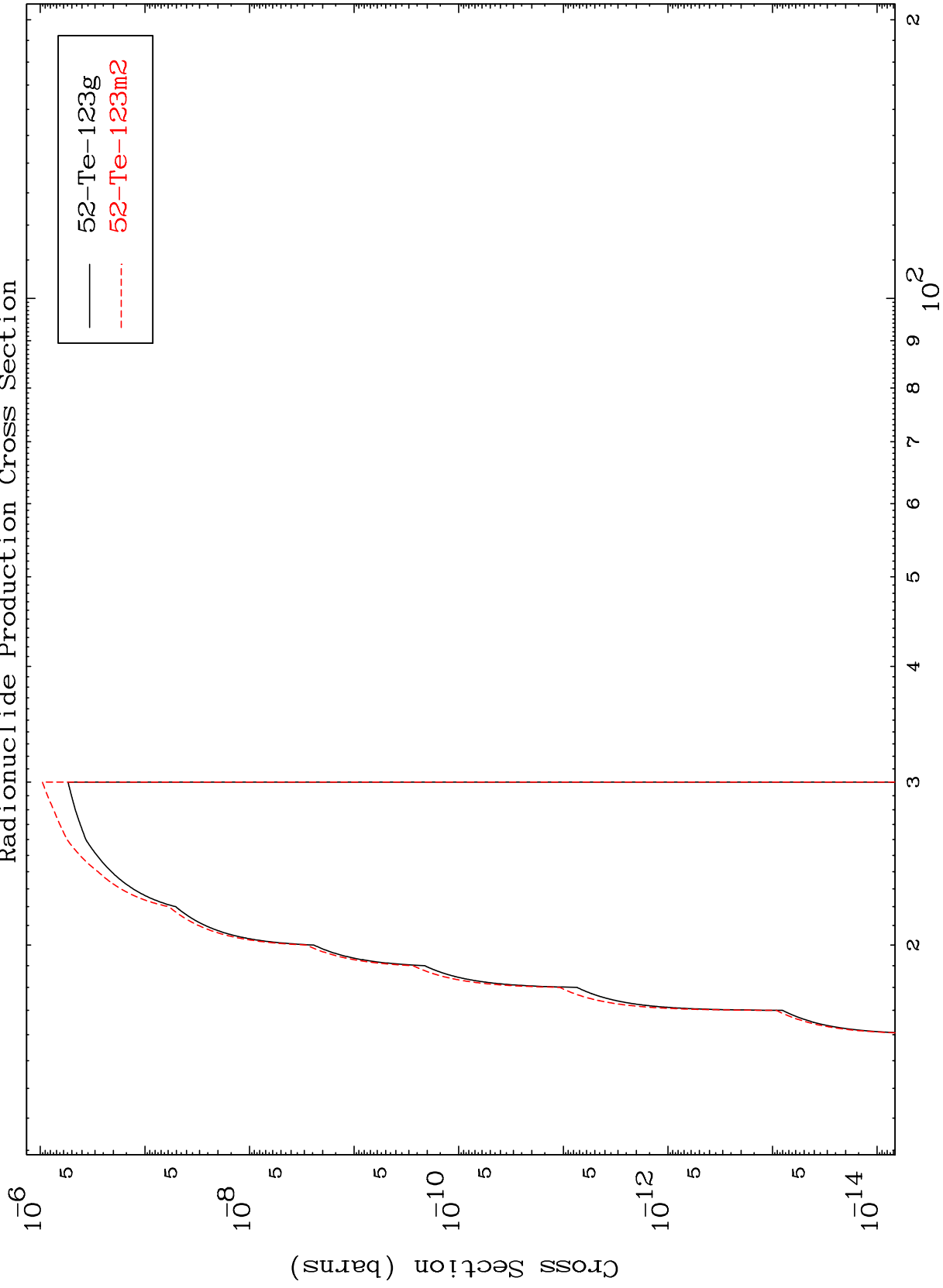
Incident Energy (MeV)

54-Xe-125

MAT 5429

54-Xe-125

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



15

Incident Energy (MeV)

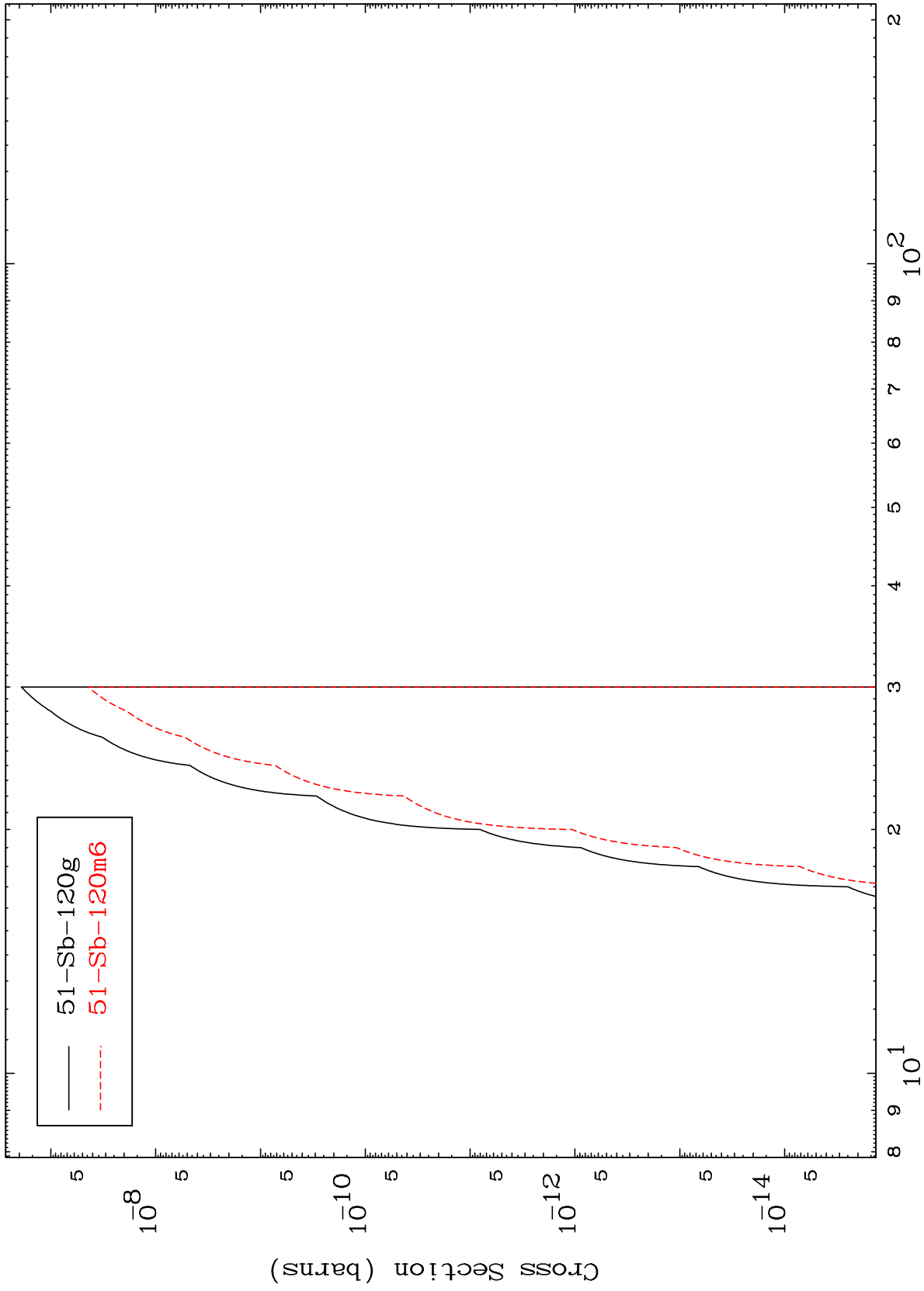
54-Xe-125

MAT 5429

(γ, p) α

54-Xe-125

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-125