

Program EVALPLOT
(Version 2018-1)

by

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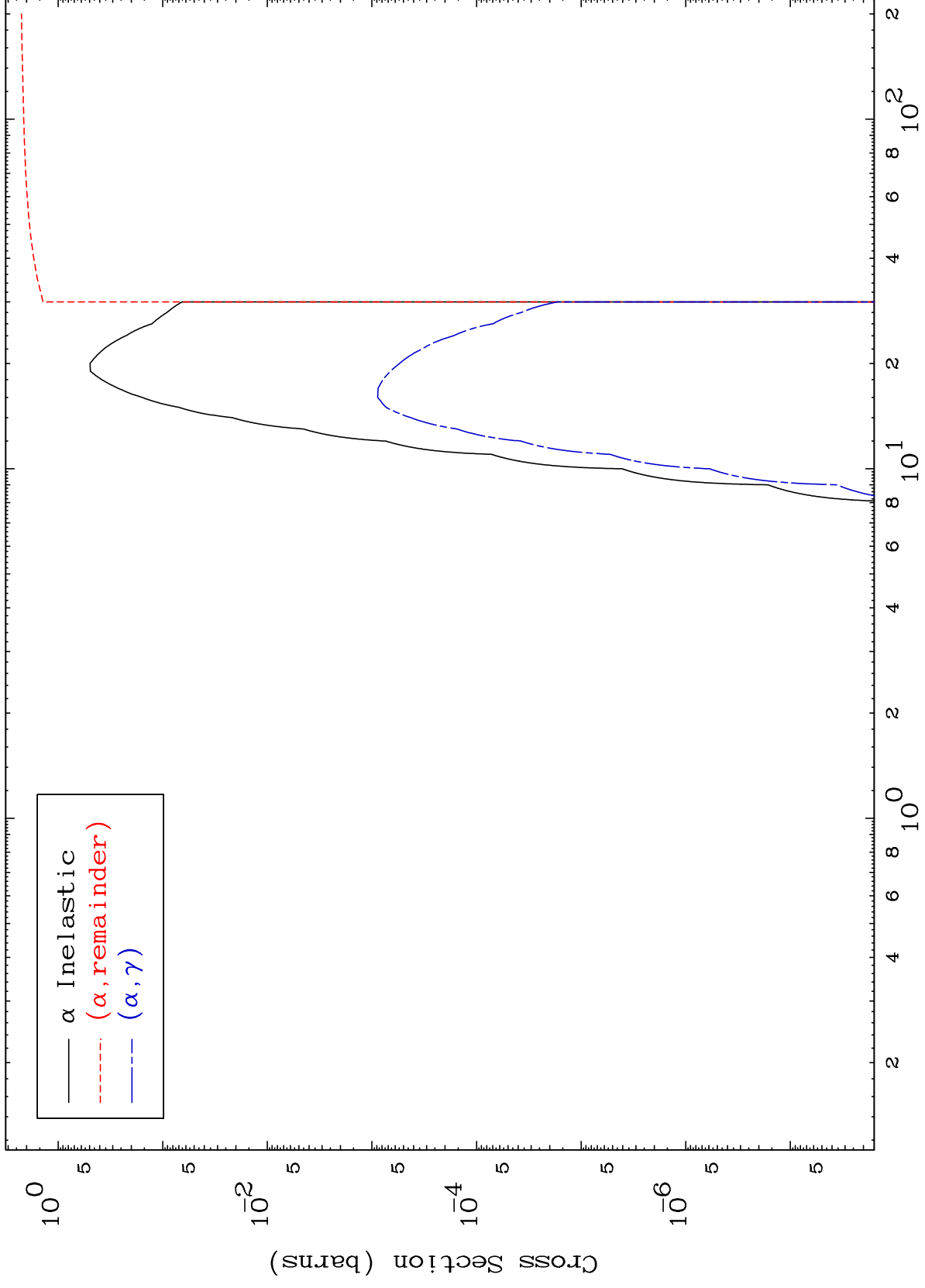
Press Mouse Button to Start

MAT 5428

α Major

54-Xe-125

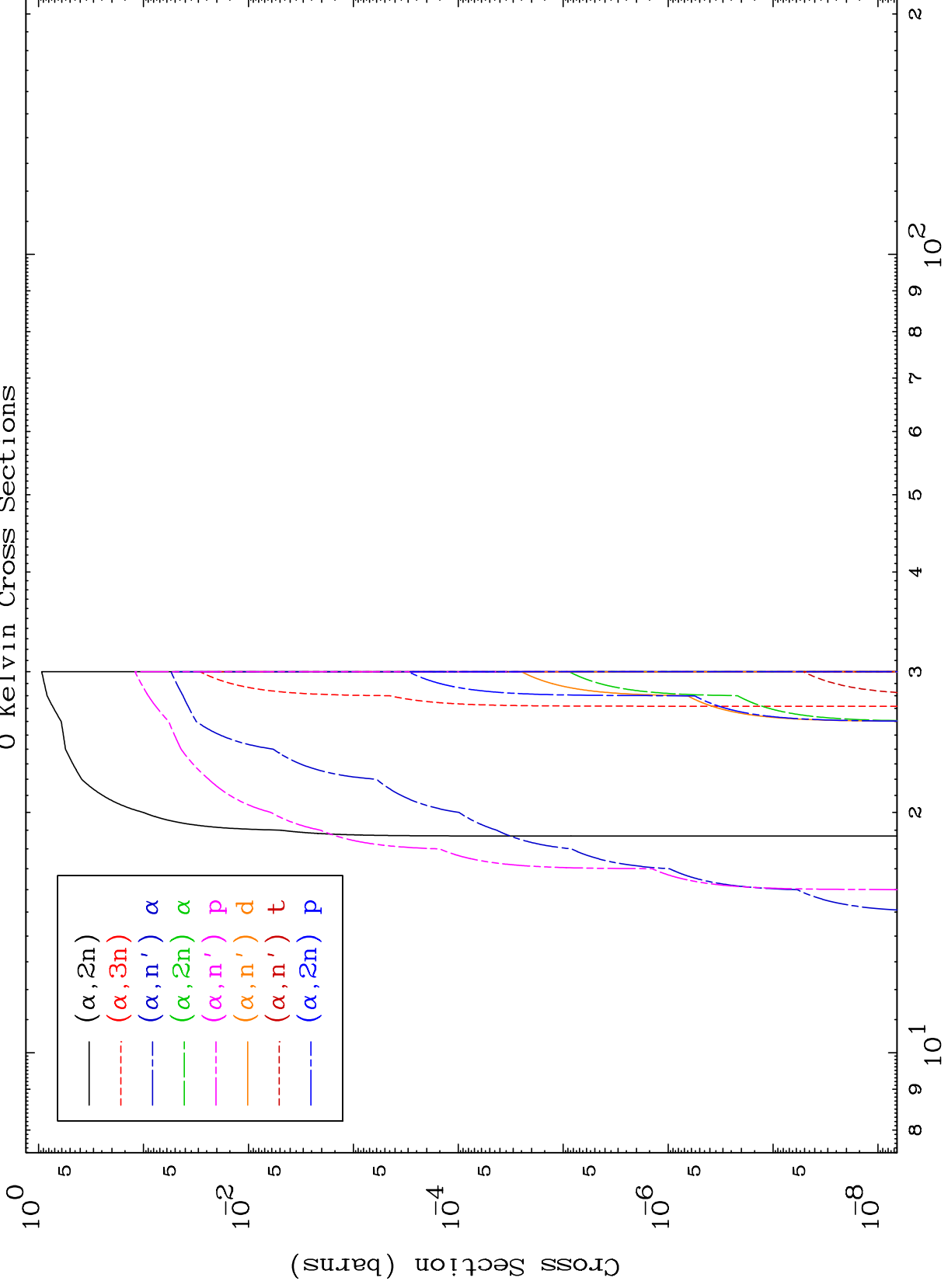
0 Kelvin Cross Sections



MAT 5428

α Neutron Production
0 Kelvin Cross Sections

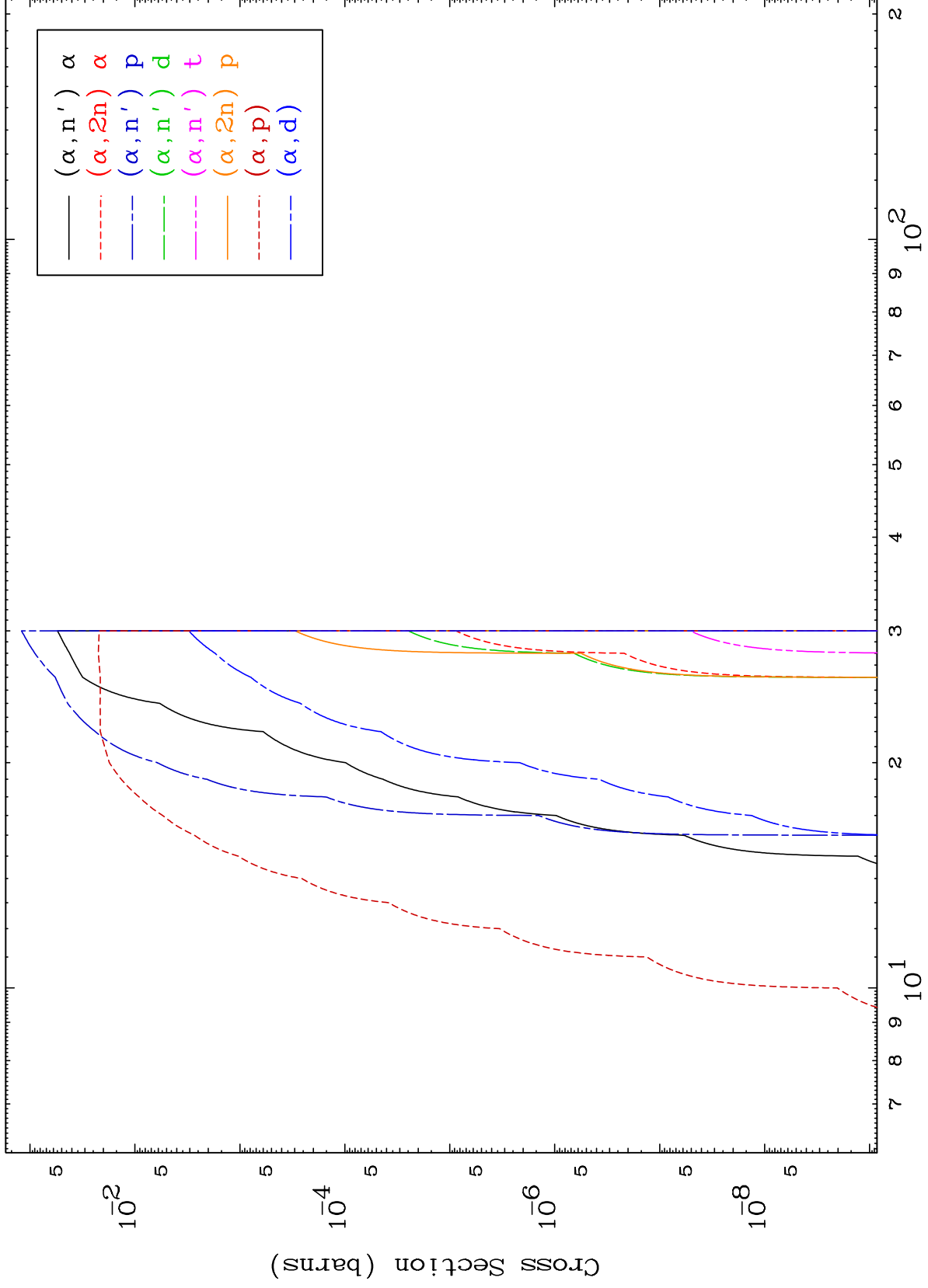
54-Xe-125

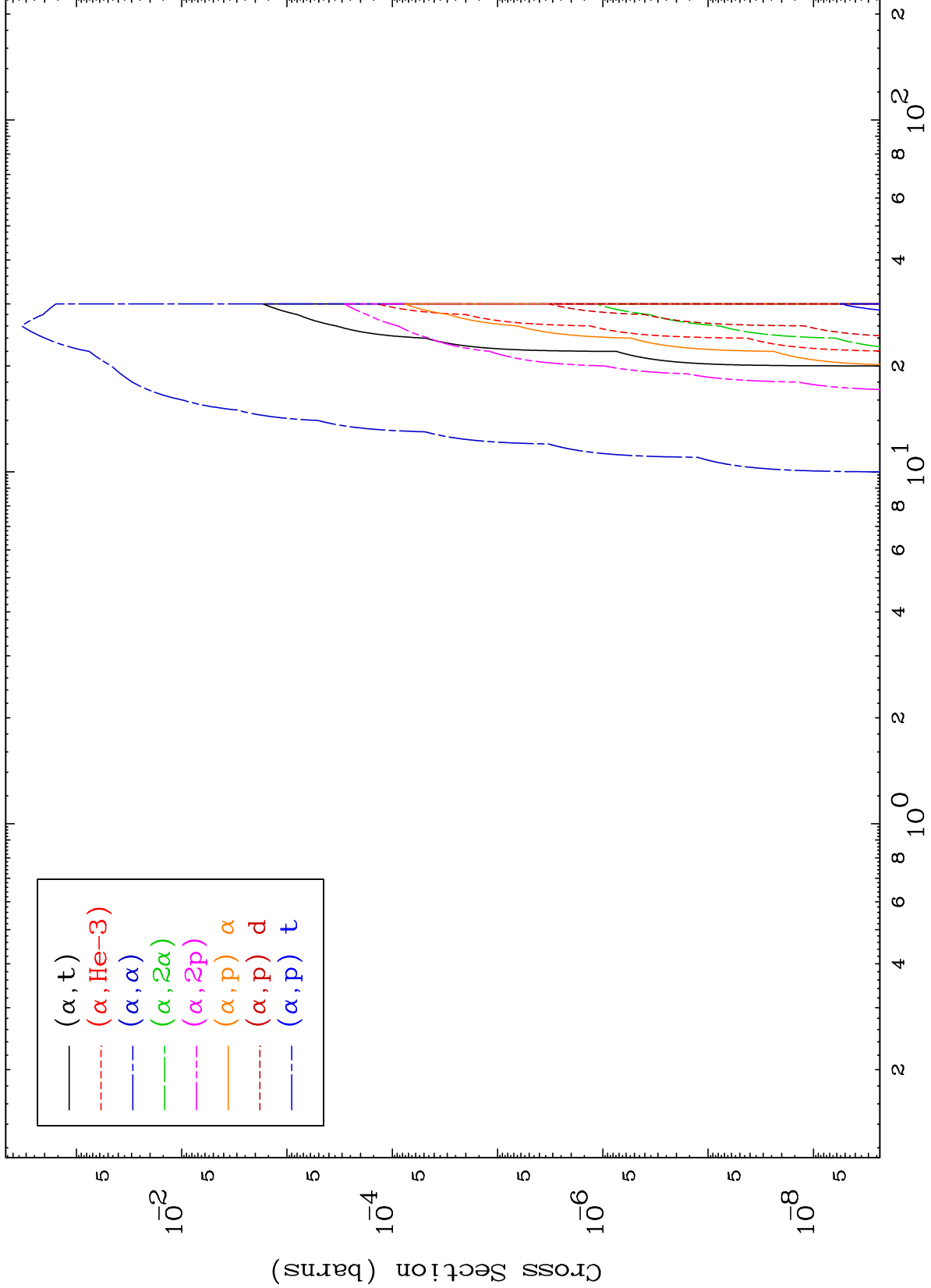


2

Incident Energy (MeV)

54-Xe-125



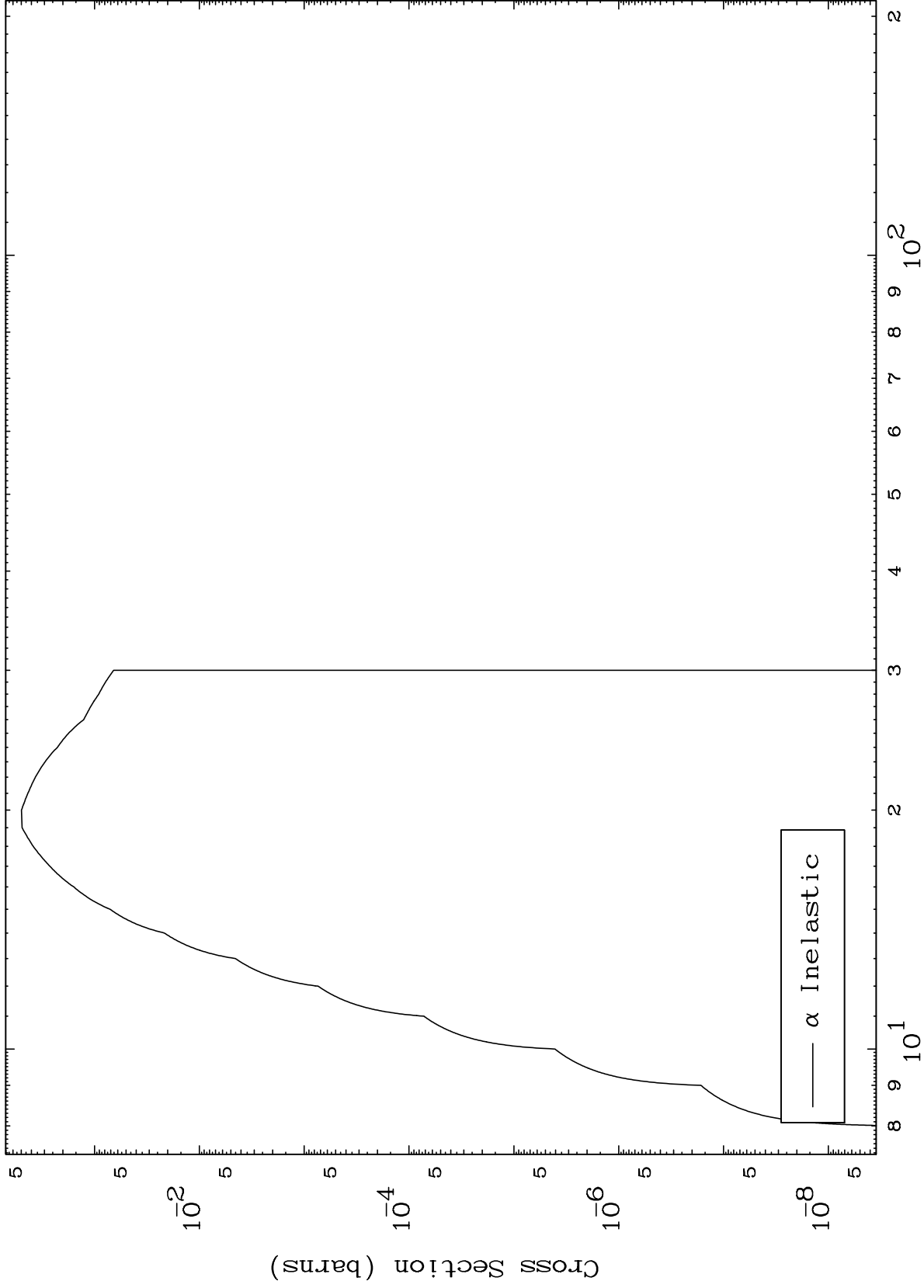


MAT 5428

(α, n') Level

54-Xe-125

0 Kelvin Cross Sections



Incident Energy (MeV)

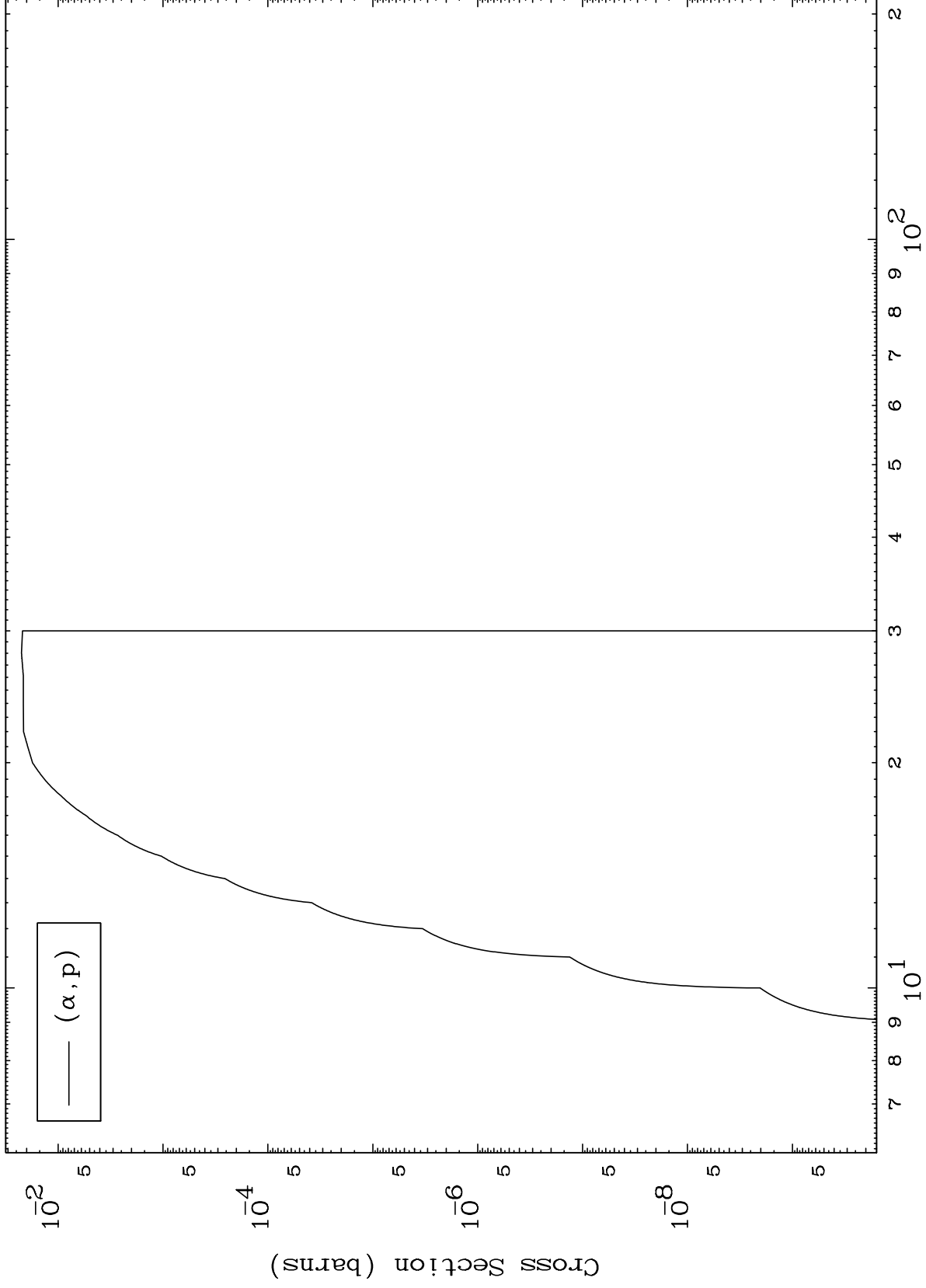
54-Xe-125

5

MAT 5428

(α, p) Levels
0 Kelvin Cross Sections

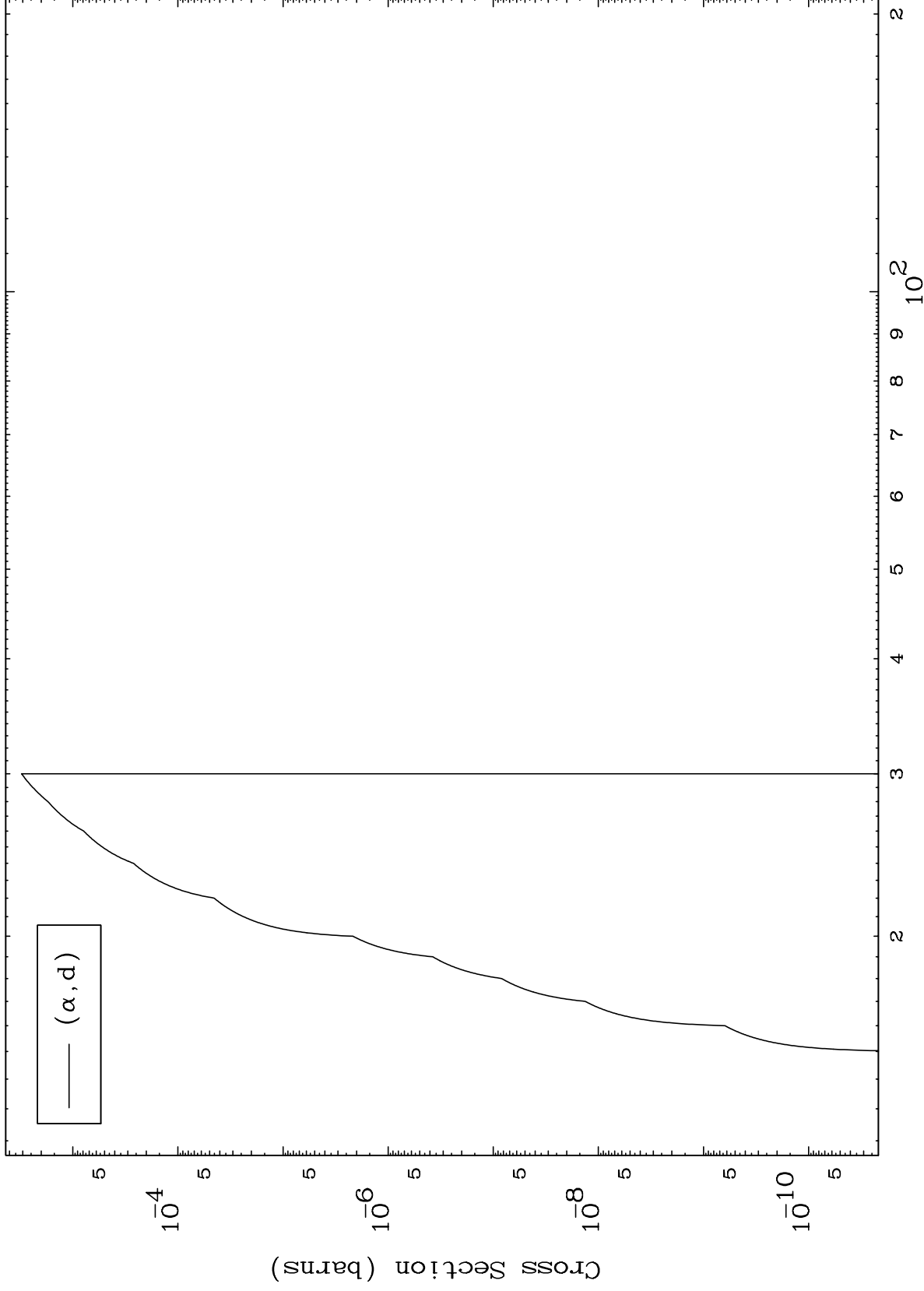
54-Xe-125

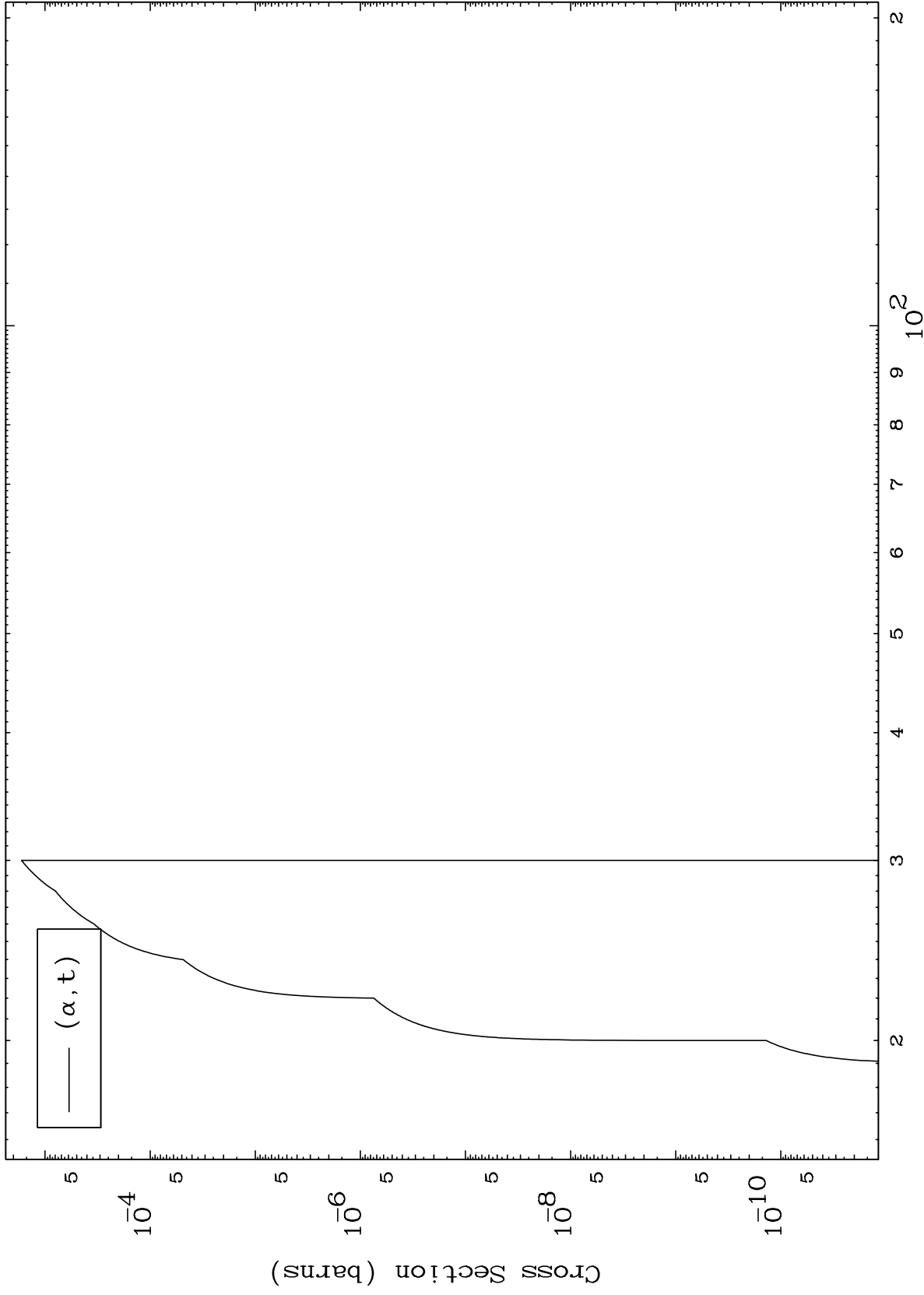


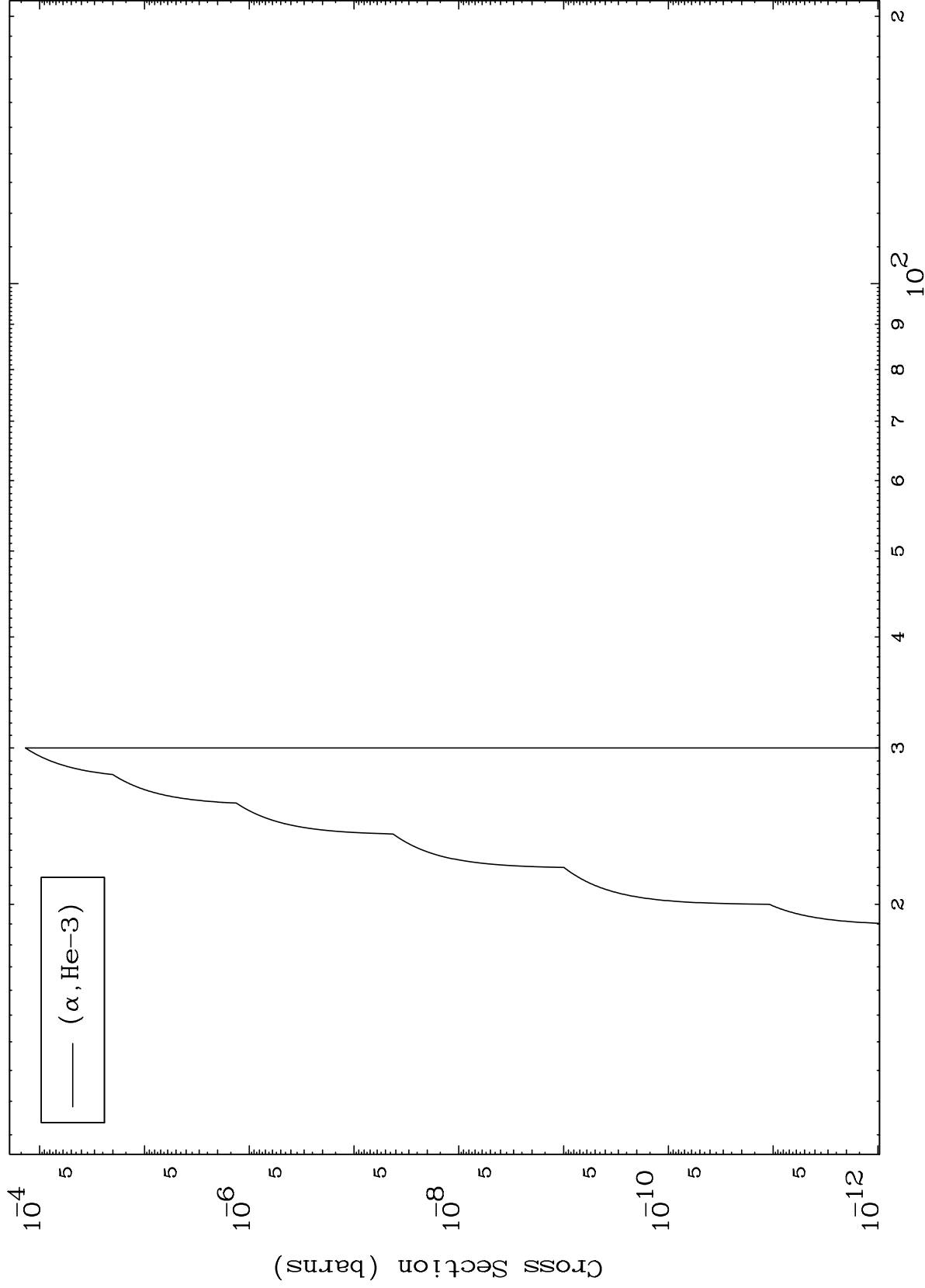
6

Incident Energy (MeV)

54-Xe-125





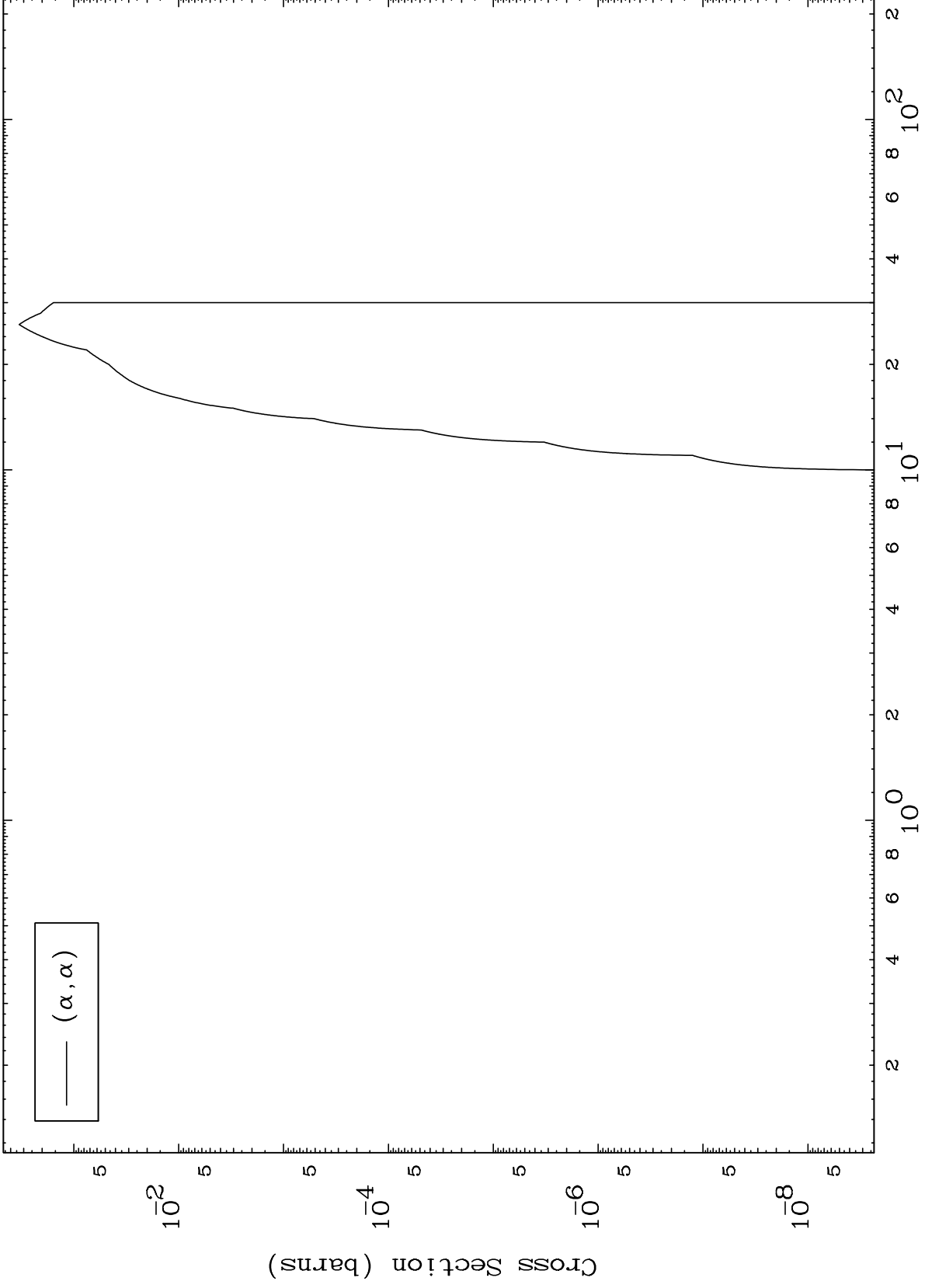


MAT 5428

(α, α) Levels

54-Xe-125

0 Kelvin Cross Sections



10

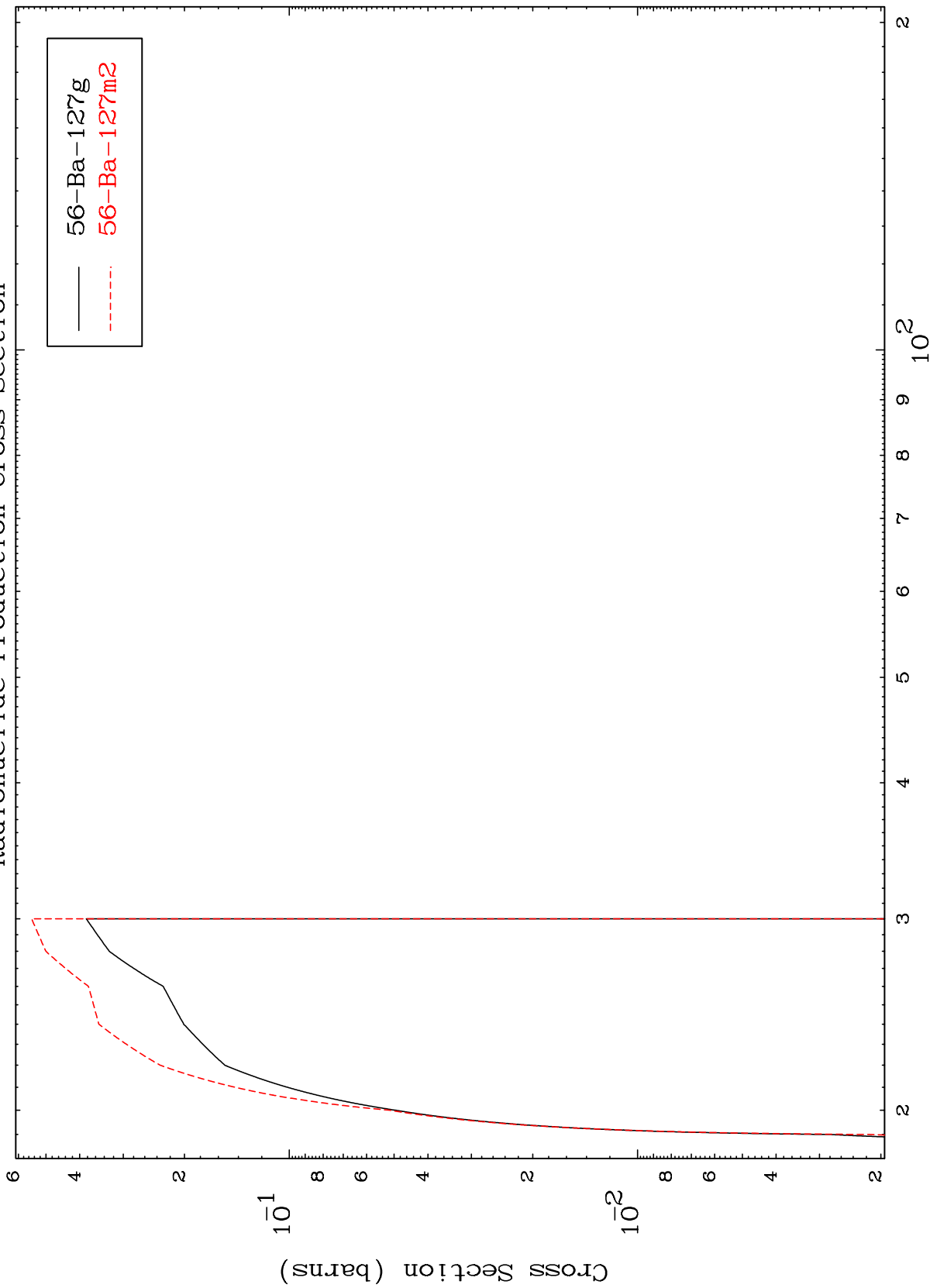
Incident Energy (MeV)

54-Xe-125

MAT 5428

54-Xe-125

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



56-Ba-127g
56-Ba-127m2

54-Xe-125

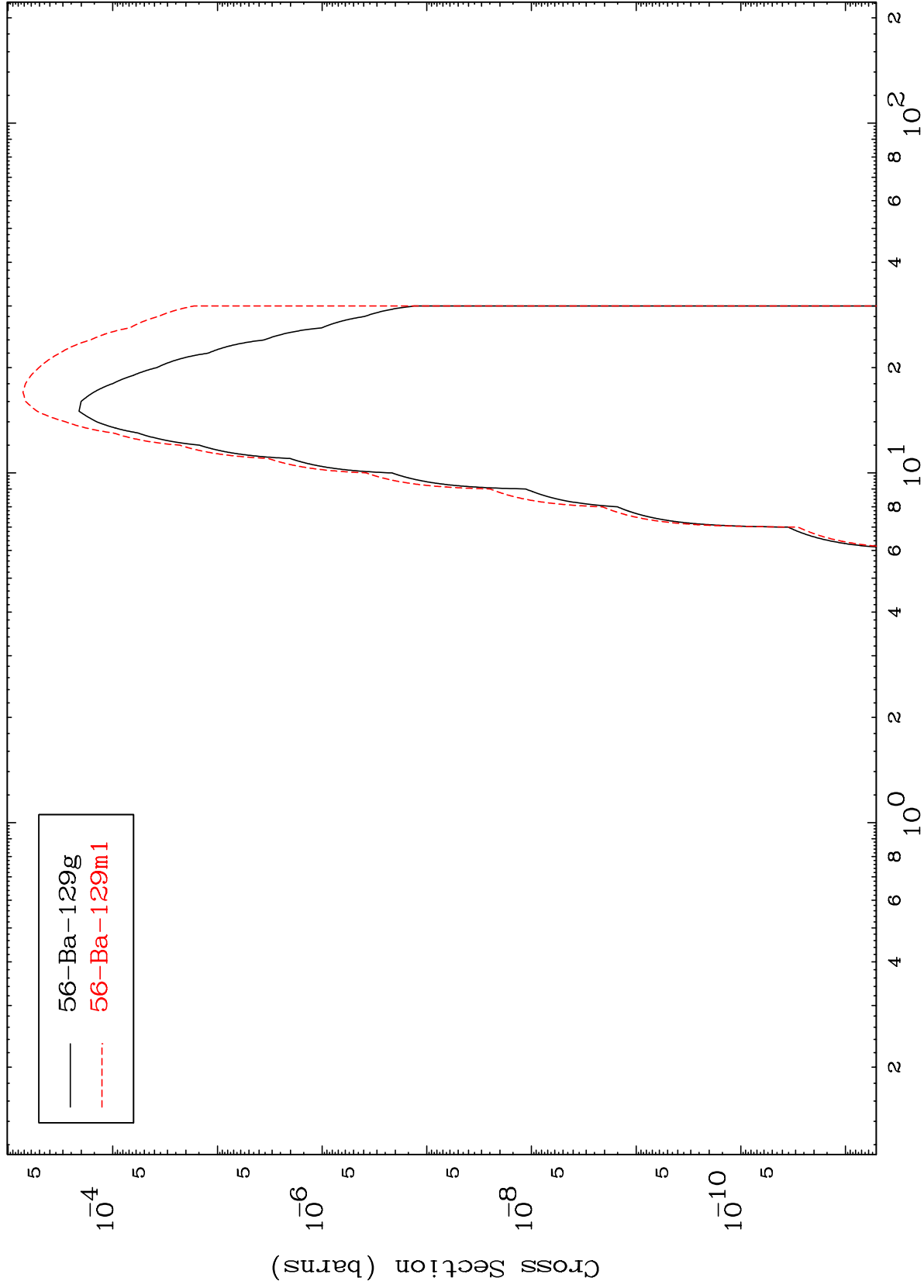
Incident Energy (MeV)

11

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54-Xe-125

(α, γ)
Radionuclide Production Cross Section



12

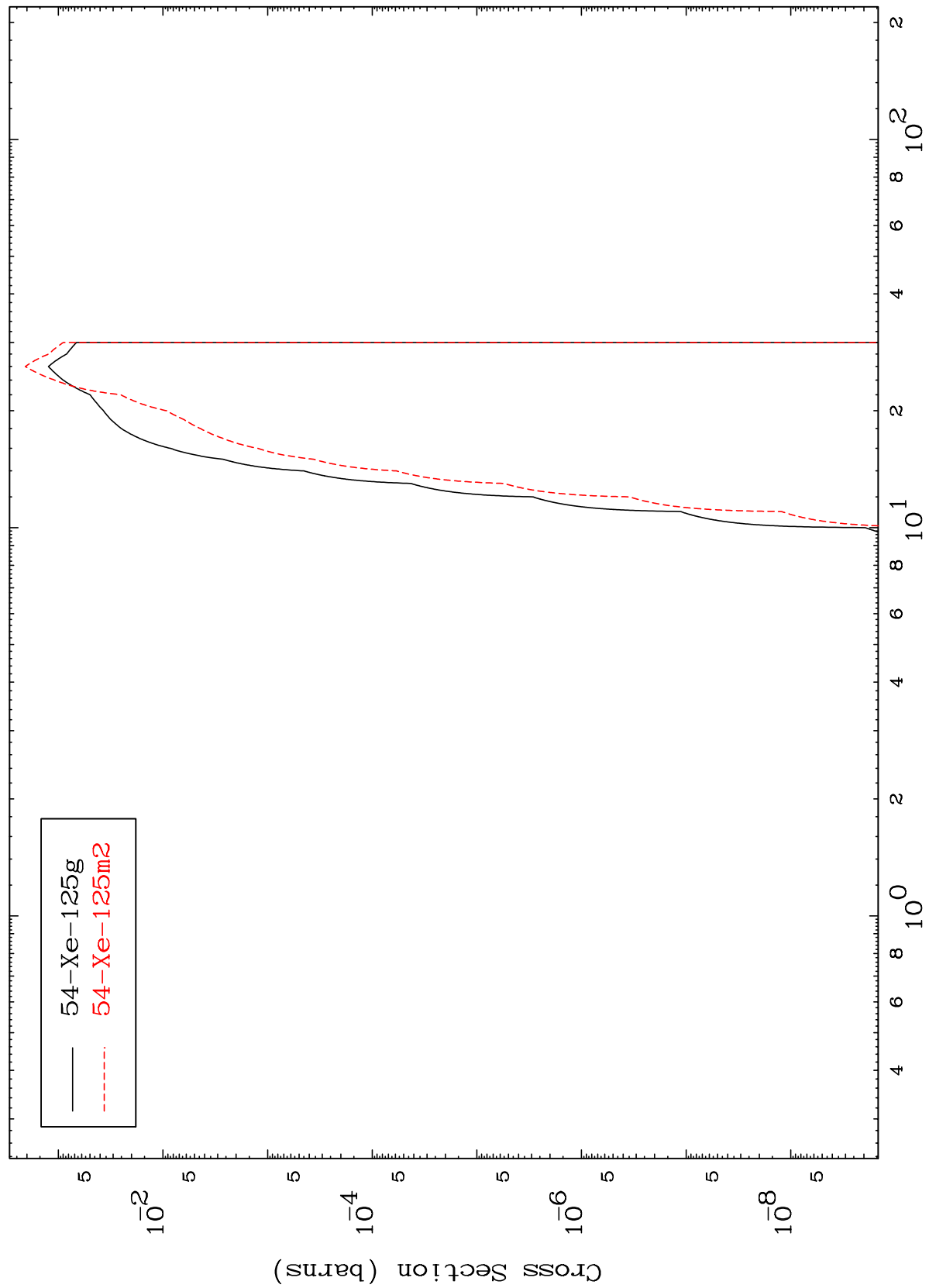
Incident Energy (MeV)

54-Xe-125

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54-Xe-125

Radionuclide Production Cross Section
(α, α)



54-Xe-125

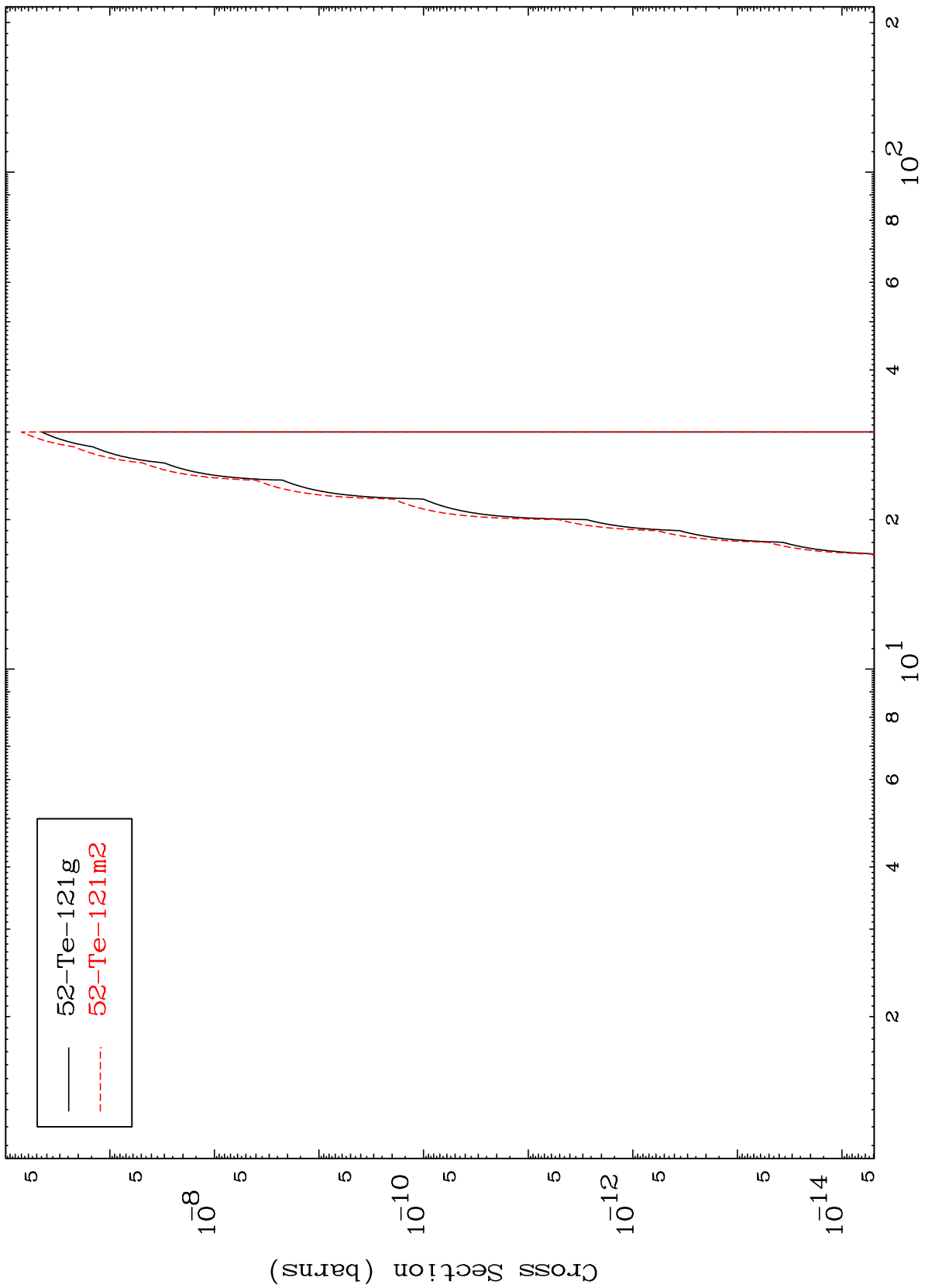
Incident Energy (MeV)

13

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54-Xe-125

Radionuclide Production Cross Section
($\alpha, 2\alpha$)



14

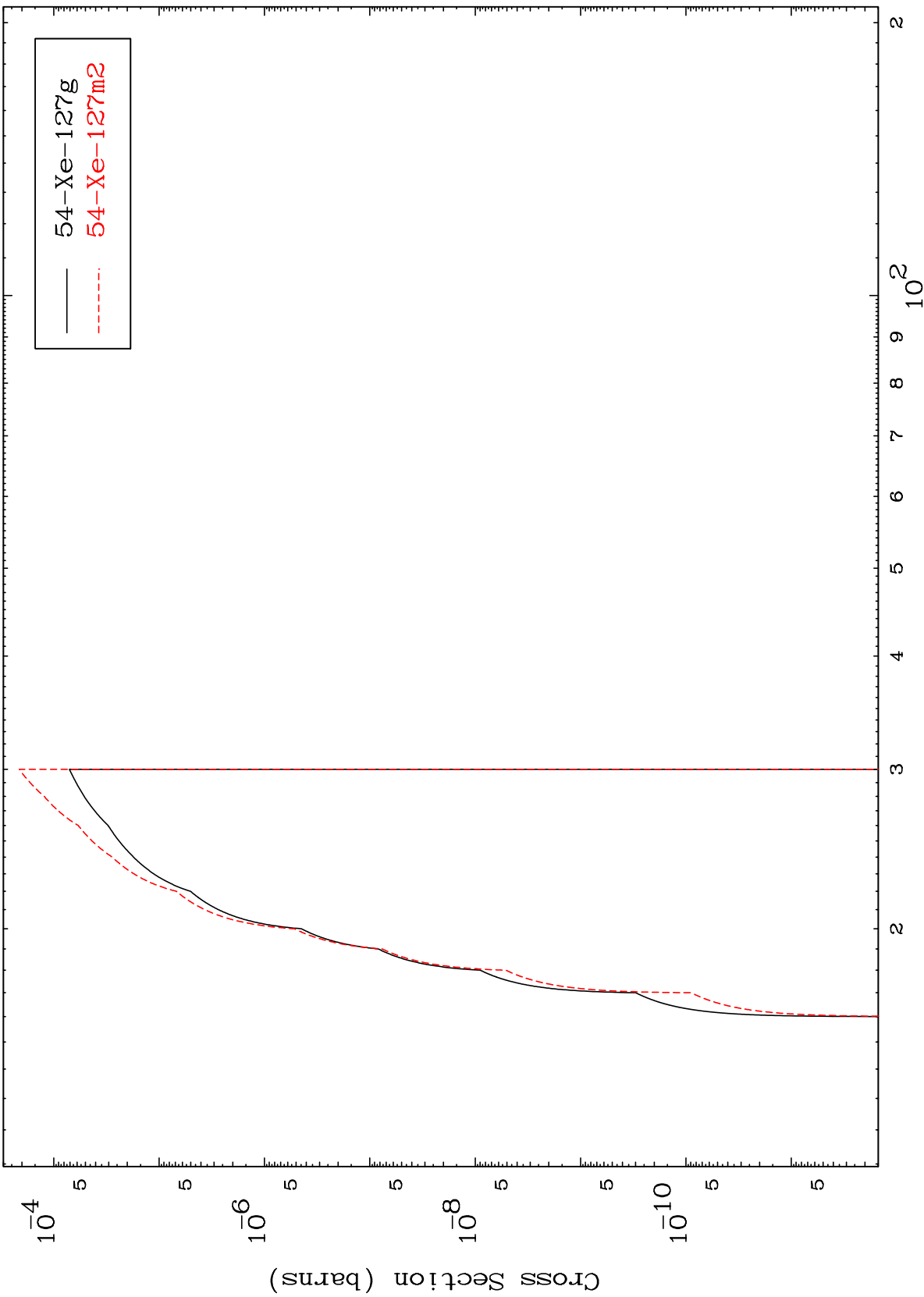
54-Xe-125

Incident Energy (MeV)

MAT 5428

54-Xe-125

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



15

Incident Energy (MeV)

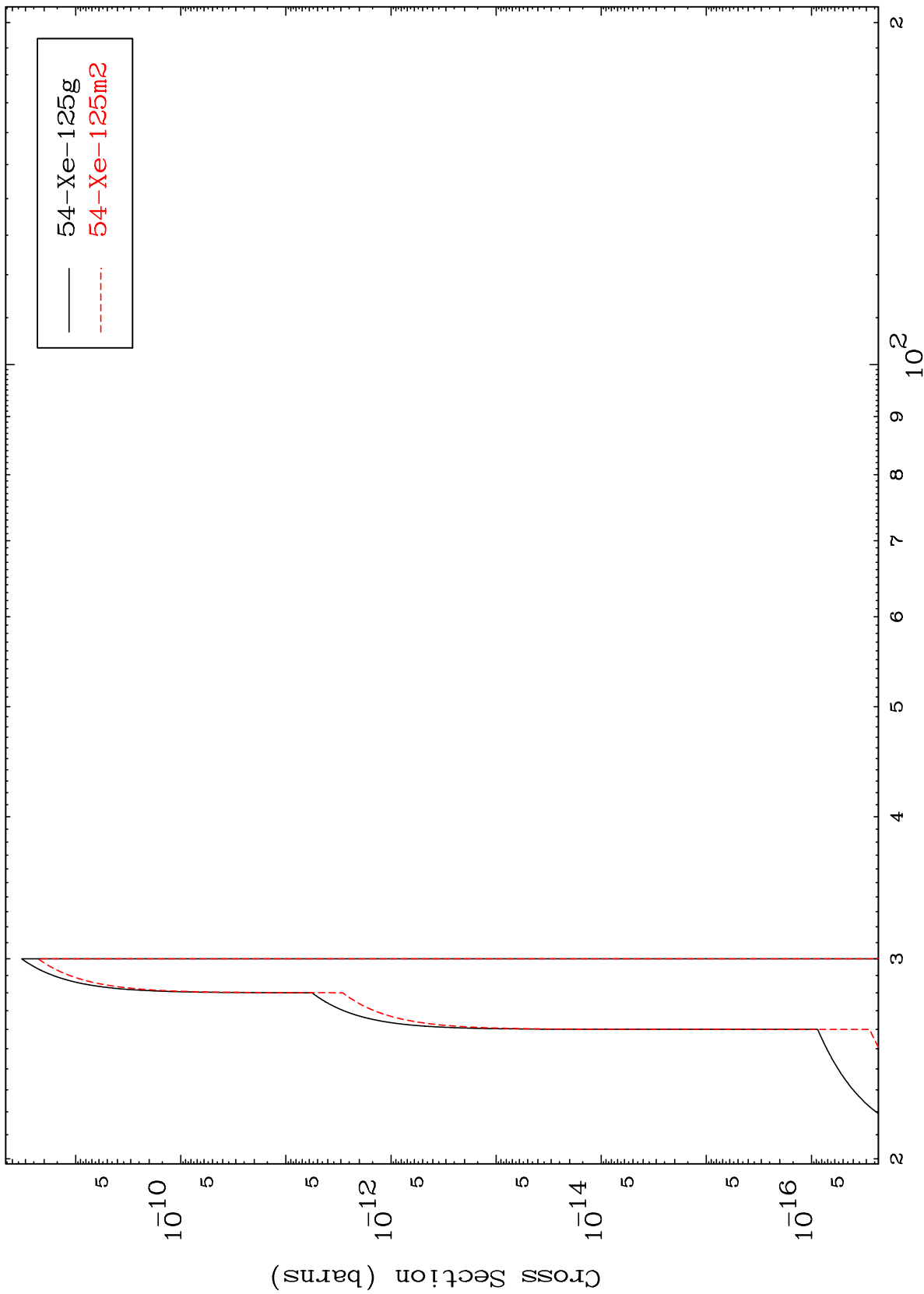
54-Xe-125

MAT 5428

(α, p) t

54-Xe-125

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-125