

Program EVALPLOT
(Version 2018-1)

by

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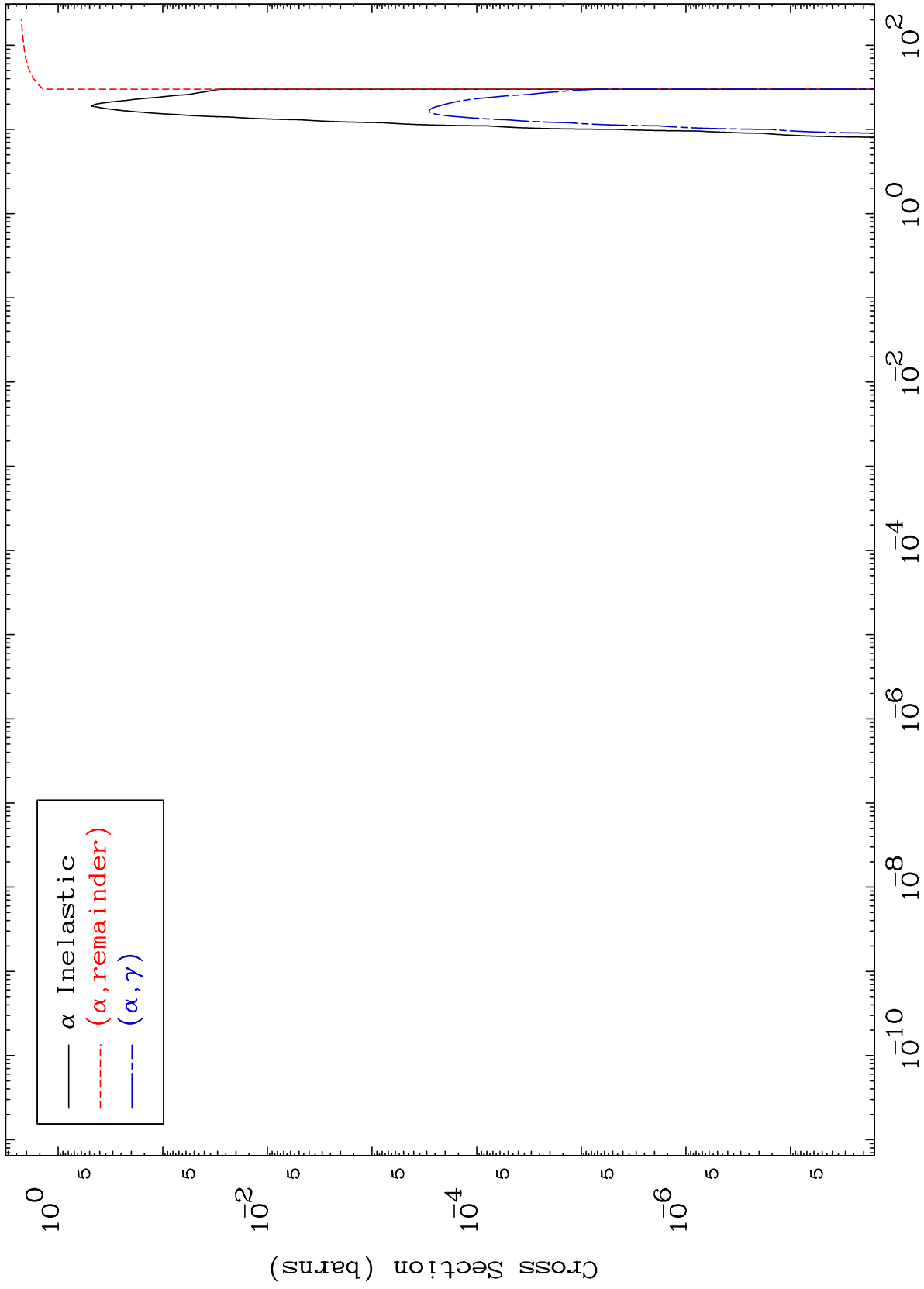
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5428

0 Kelvin α Major

54-Xe-125



1

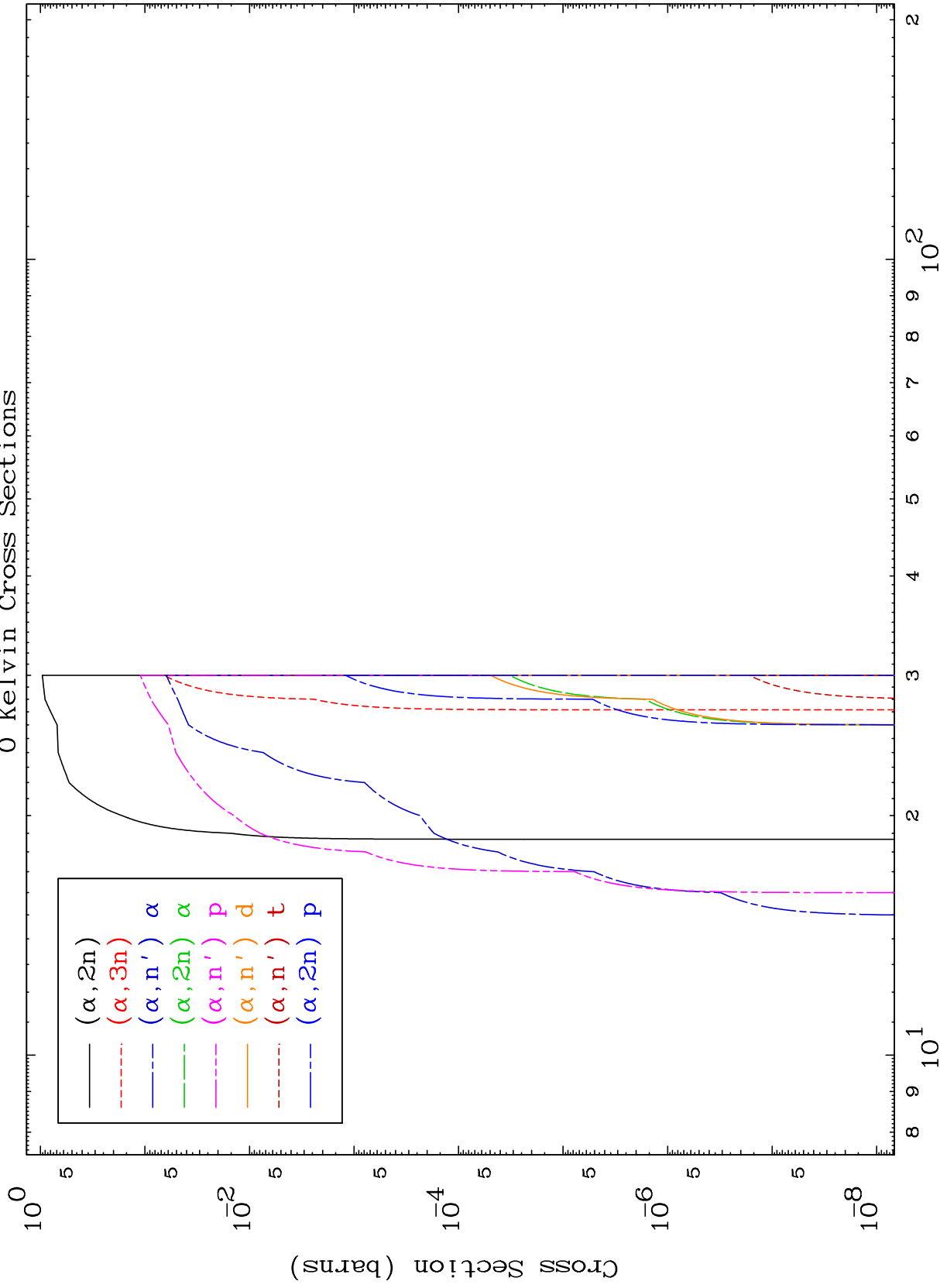
Incident Energy (MeV)

54-Xe-125

MAT 5428

α Neutron Production
0 Kelvin Cross Sections

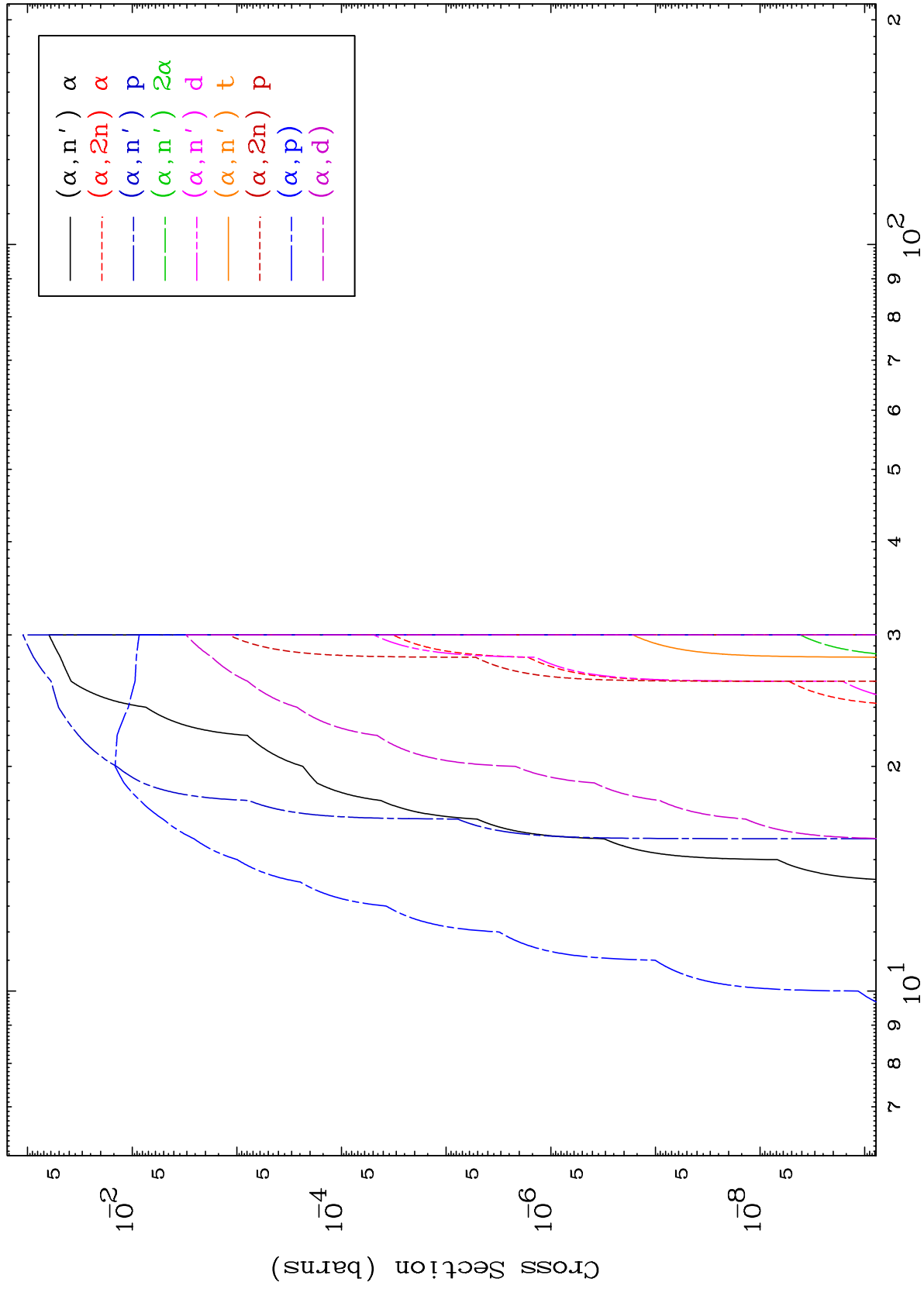
54-Xe-125

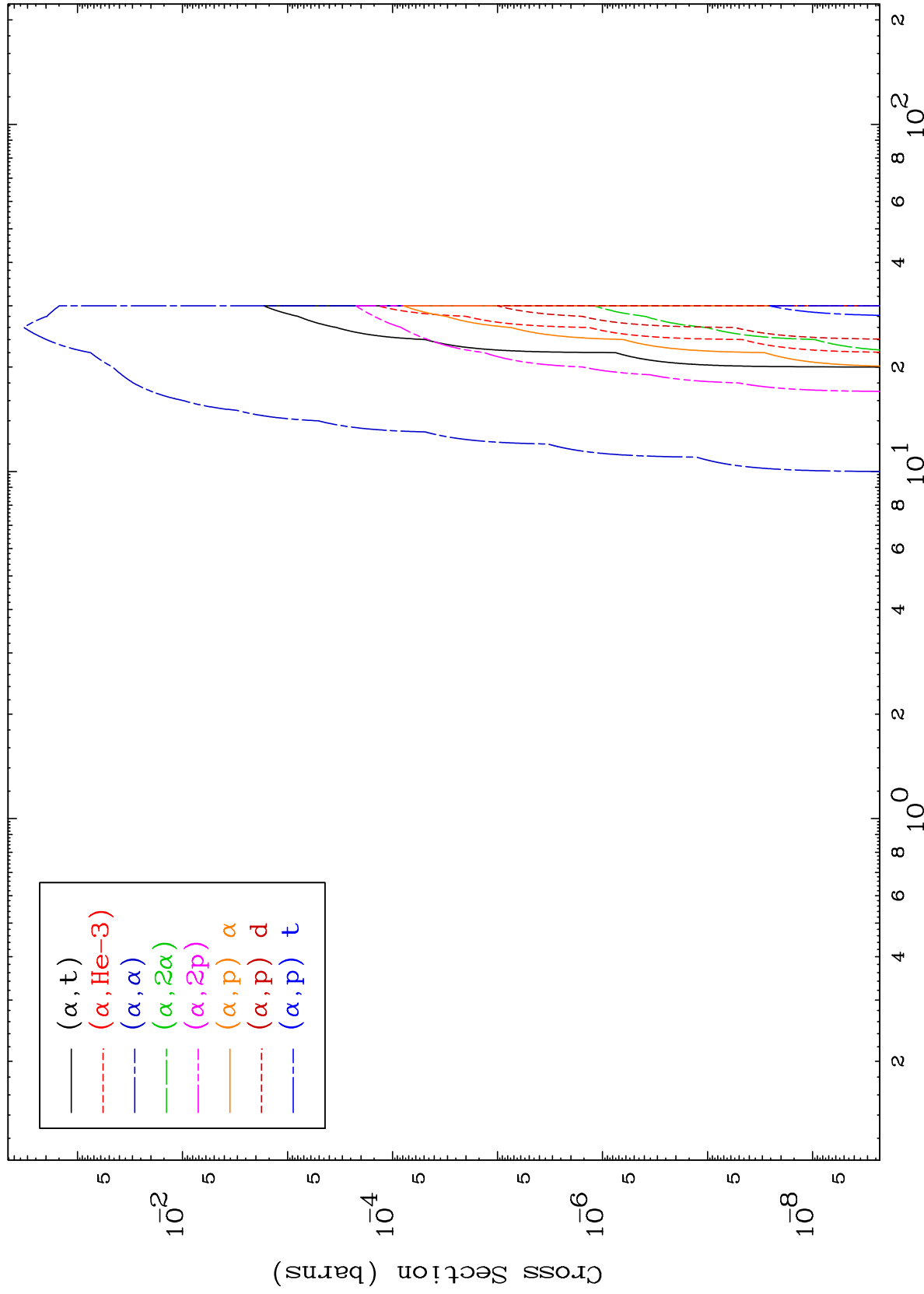


2

Incident Energy (MeV)

54-Xe-125

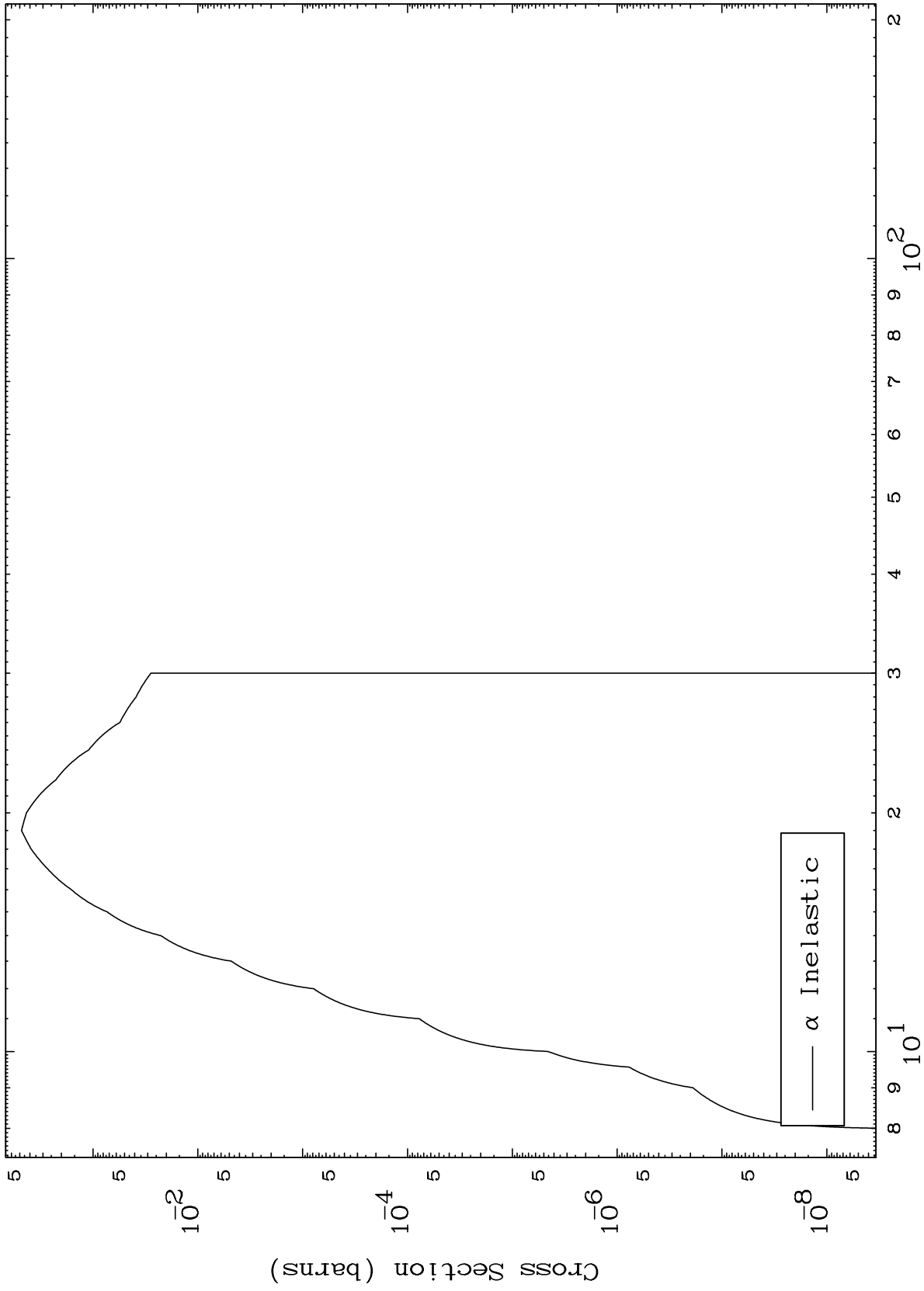




MAT 5428

(α, n') Level
0 Kelvin Cross Sections

54-Xe-125



5

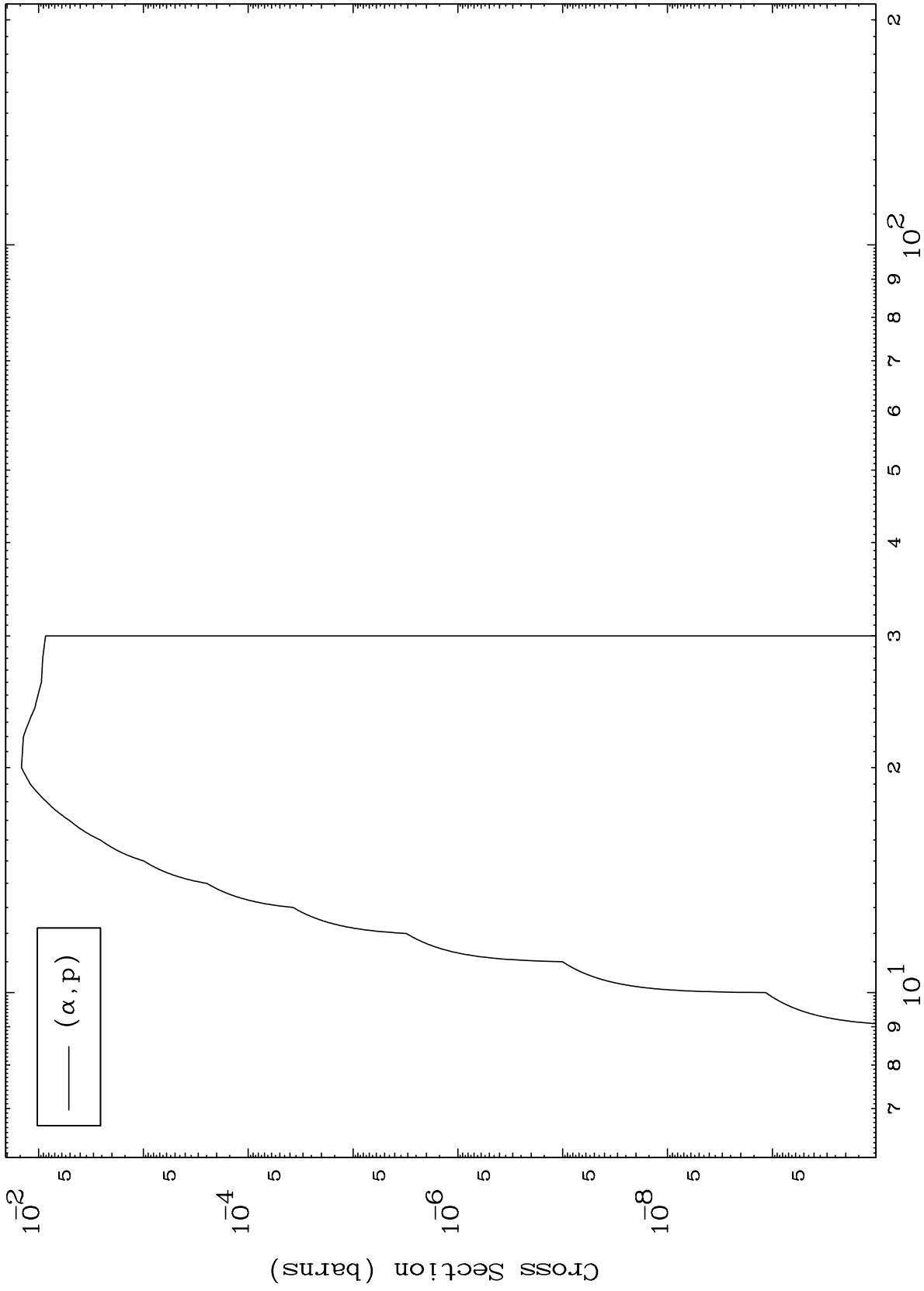
Incident Energy (MeV)

54-Xe-125

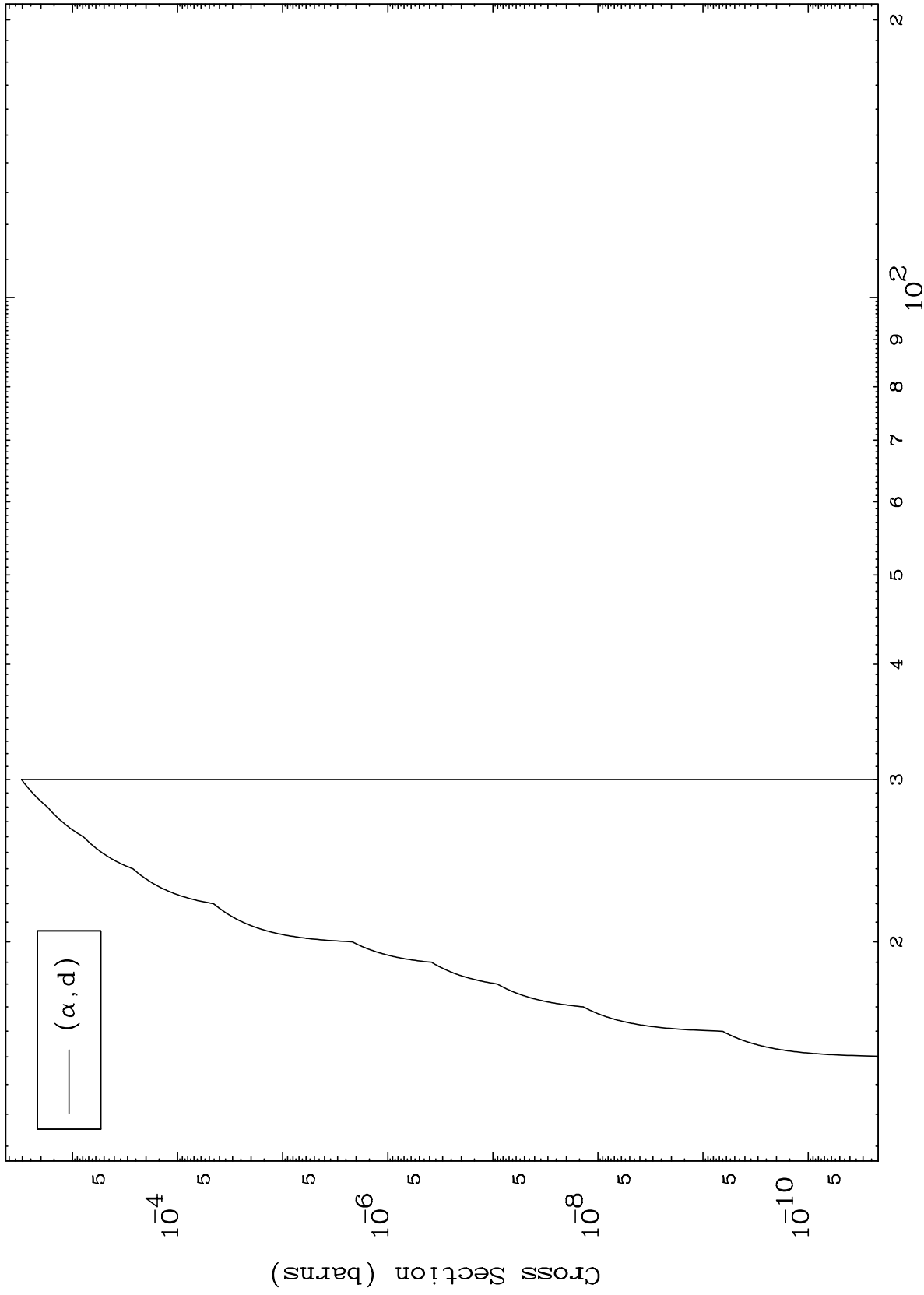
MAT 5428

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-125



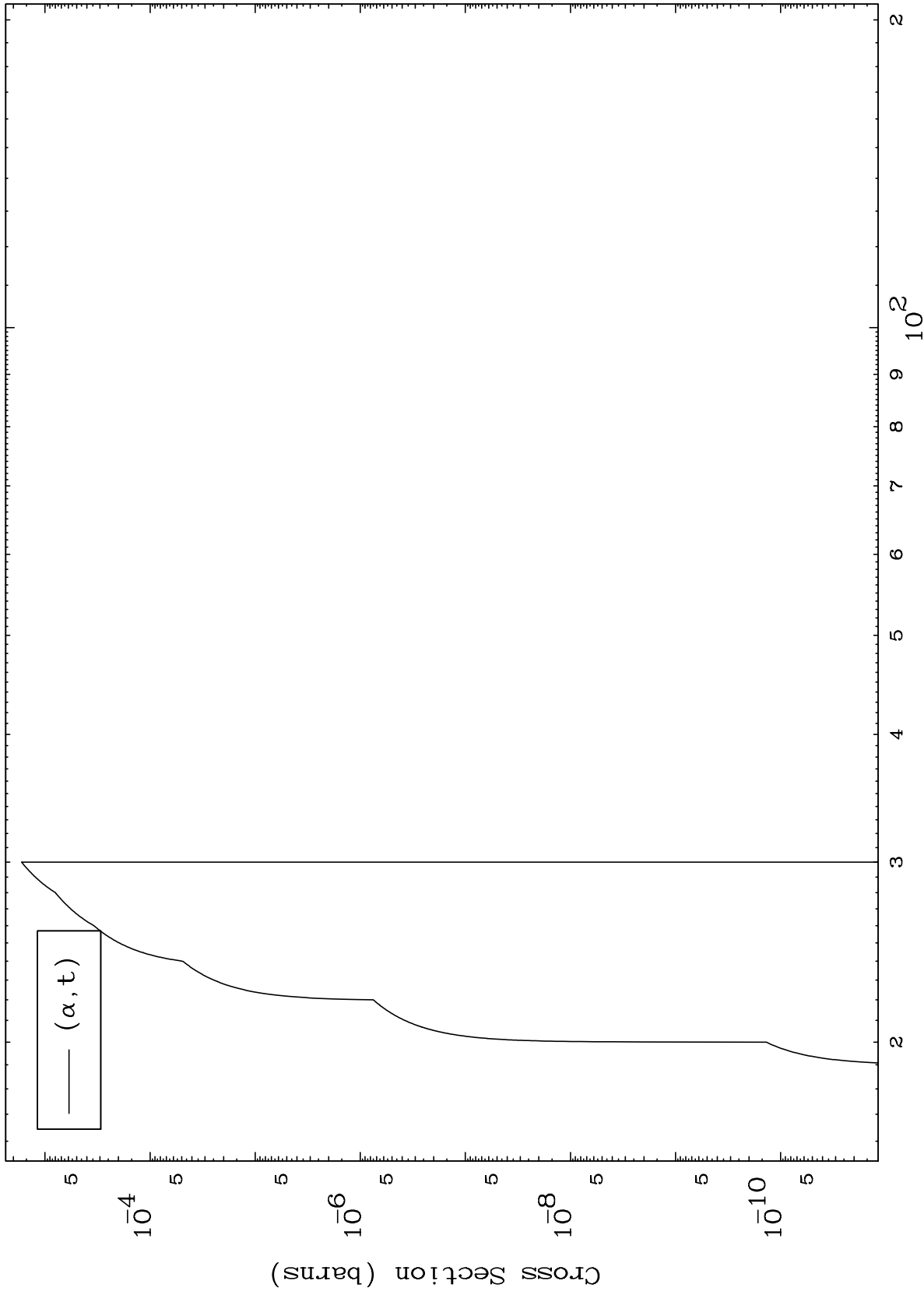
54-Xe-125



MAT 5428

(α, t) Levels
0 Kelvin Cross Sections

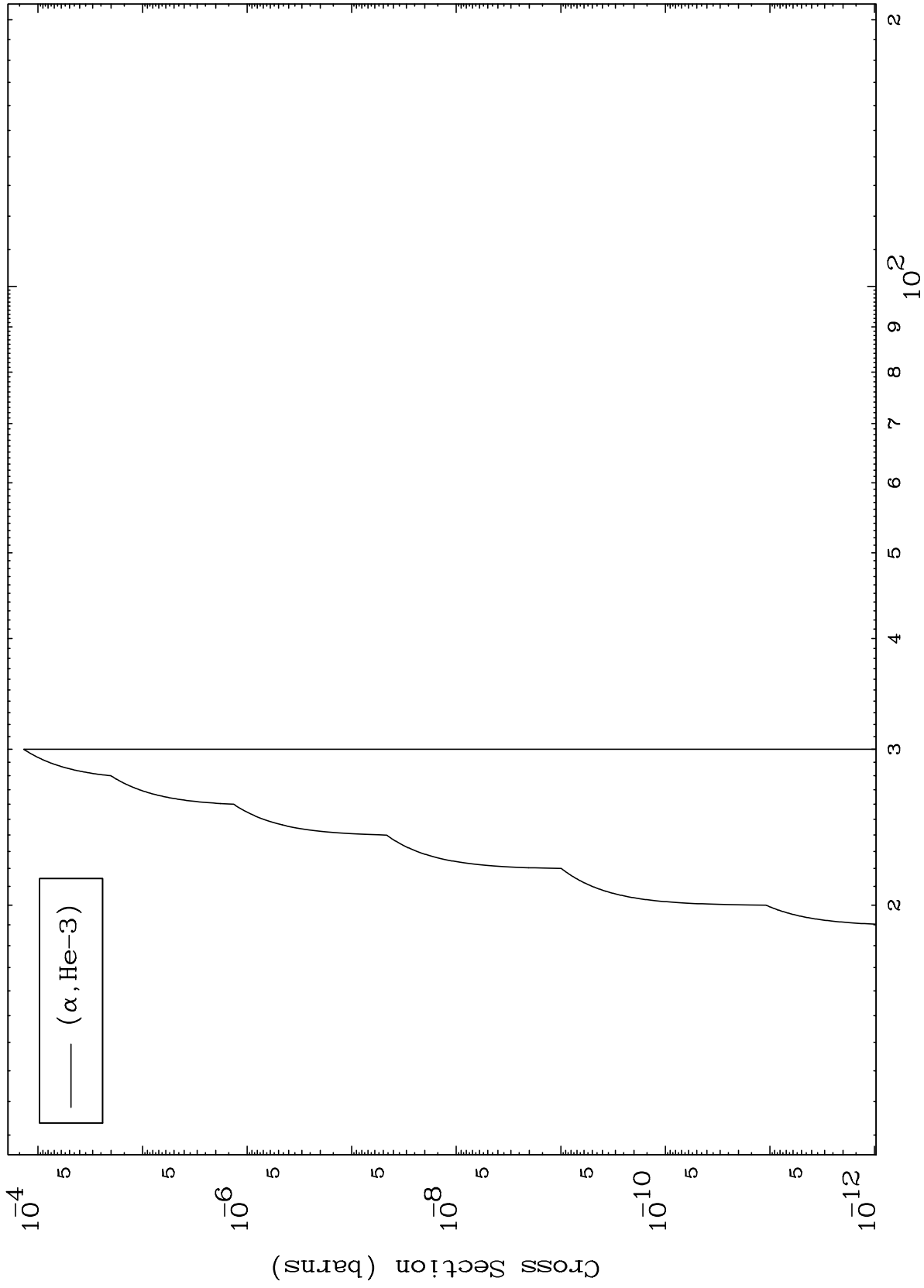
54-Xe-125



8

Incident Energy (MeV)

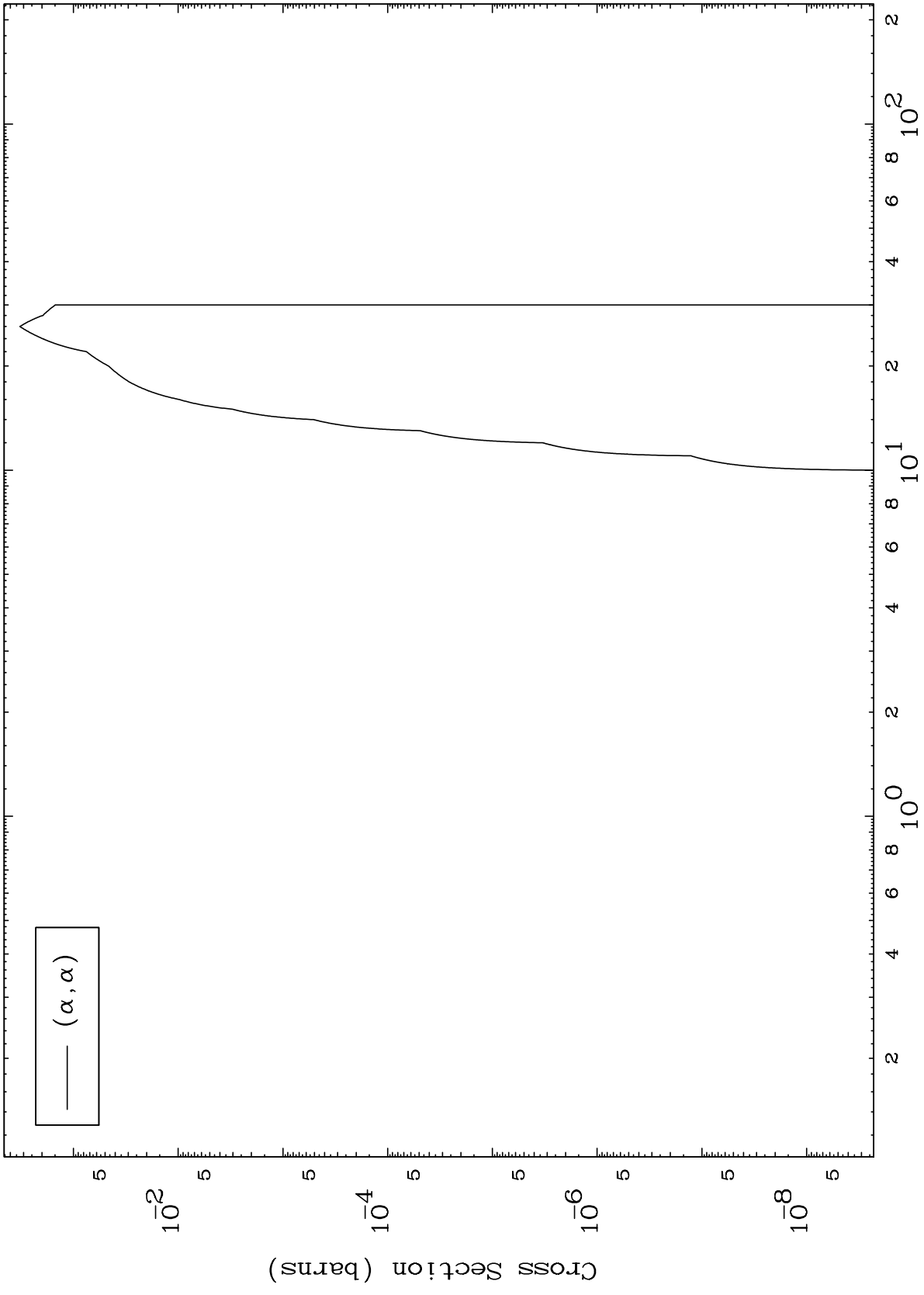
54-Xe-125



MAT 5428

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-125



10

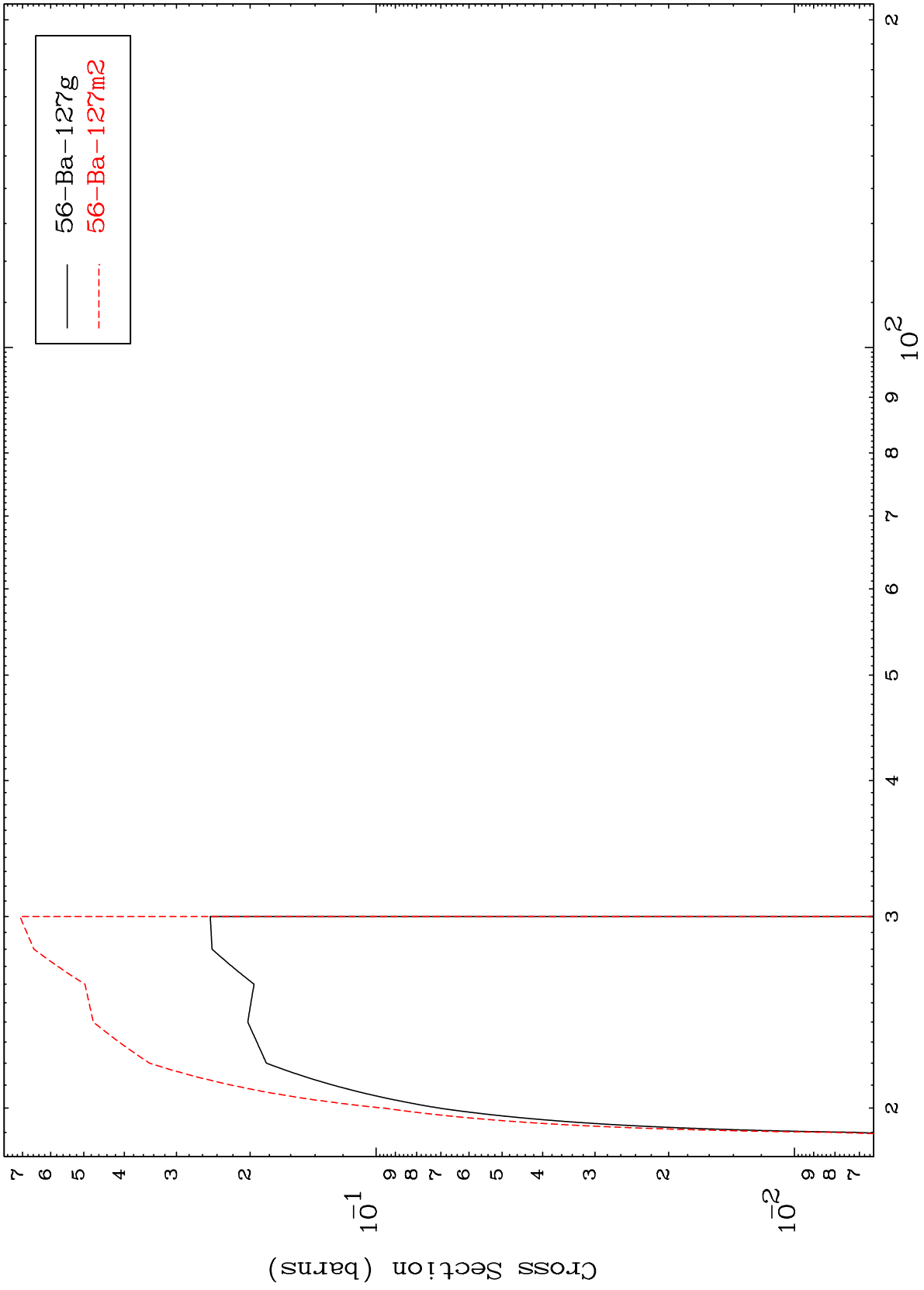
Incident Energy (MeV)

54-Xe-125

MAT 5428

54-Xe-125

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



11

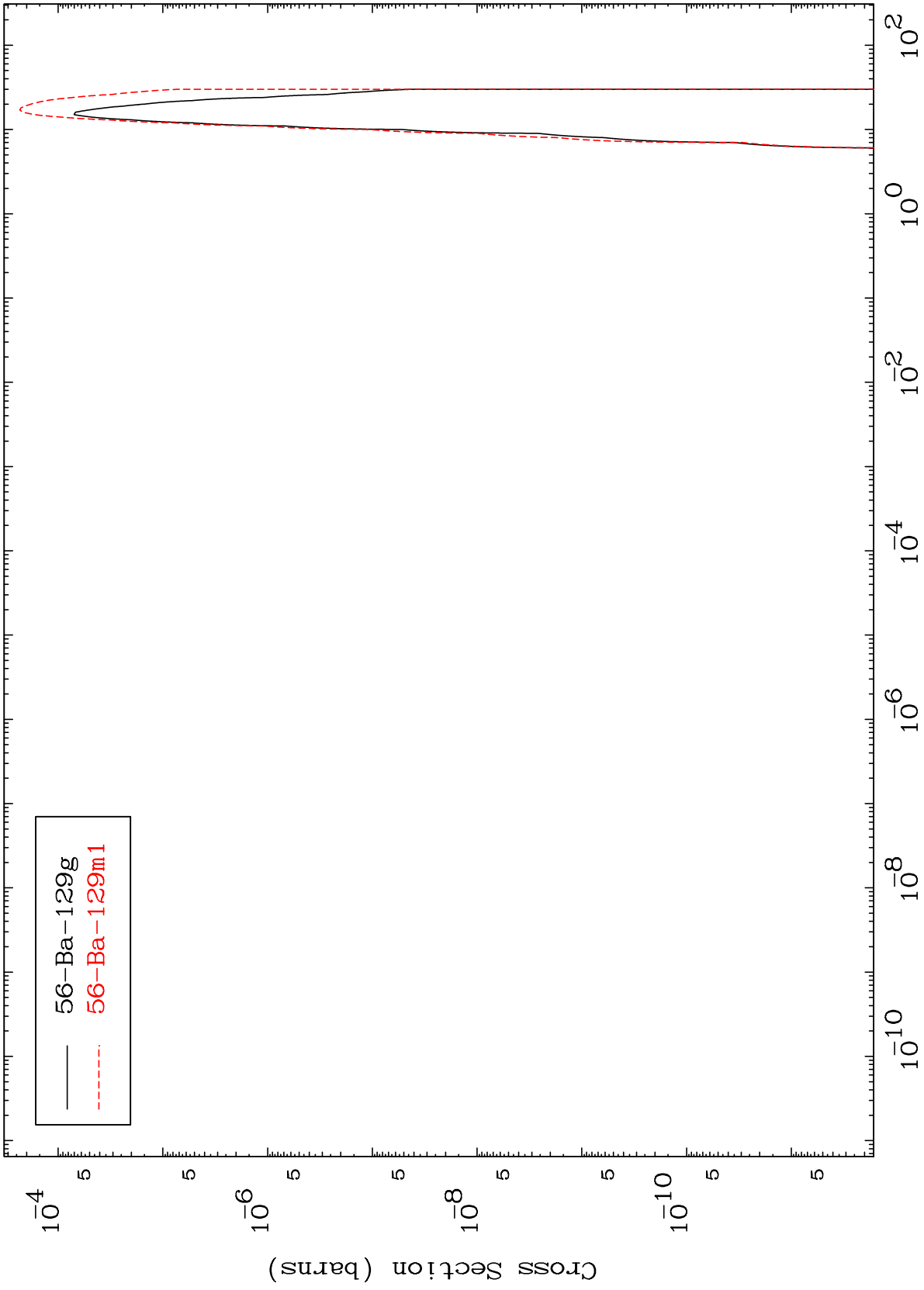
Incident Energy (MeV)

54-Xe-125

MAT 5428

Radionuclide Production Cross Section
(α, γ)

54-Xe-125



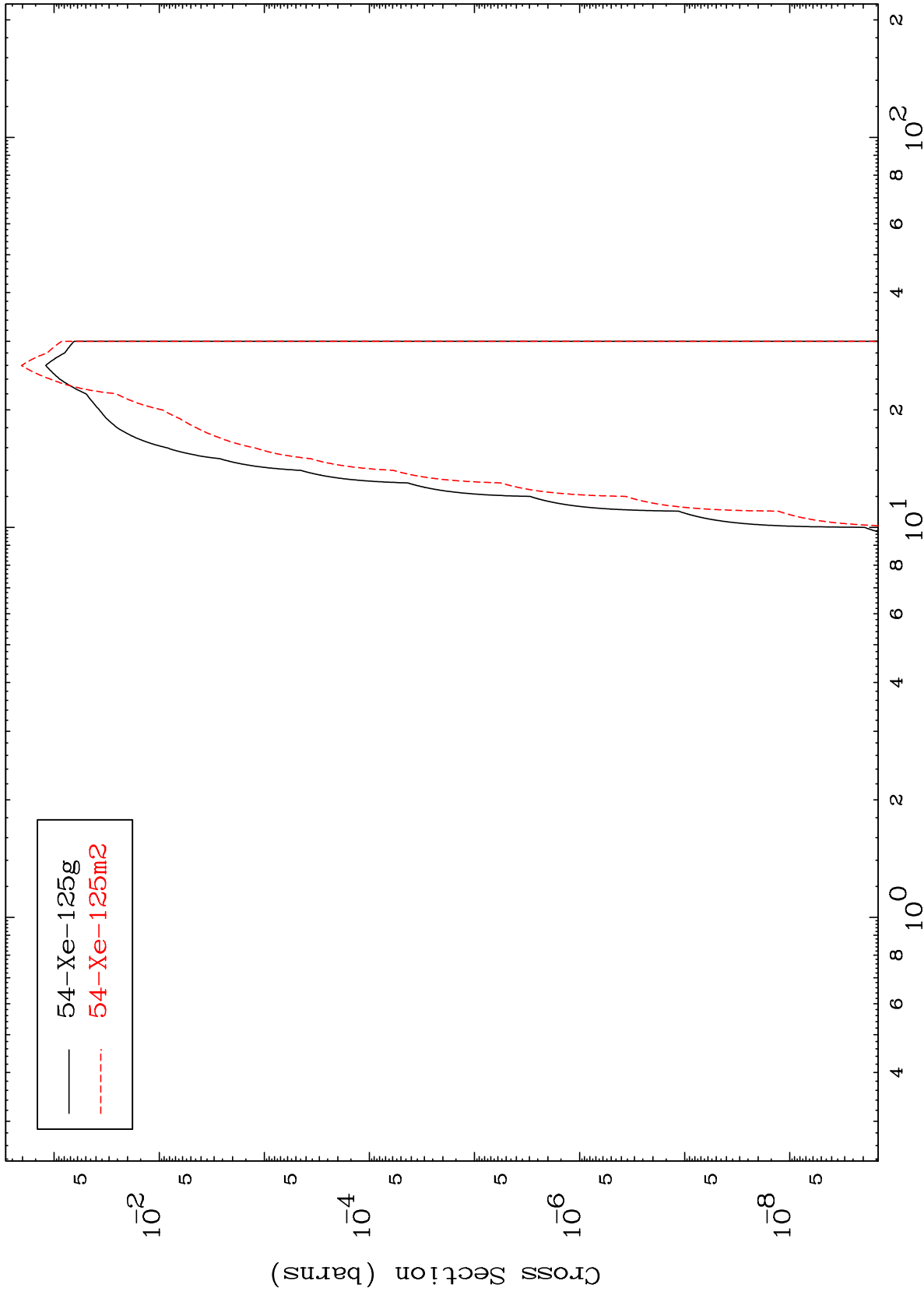
54-Xe-125

MAT 5428

(α, α)

54-Xe-125

Radionuclide Production Cross Section



13

Incident Energy (MeV)

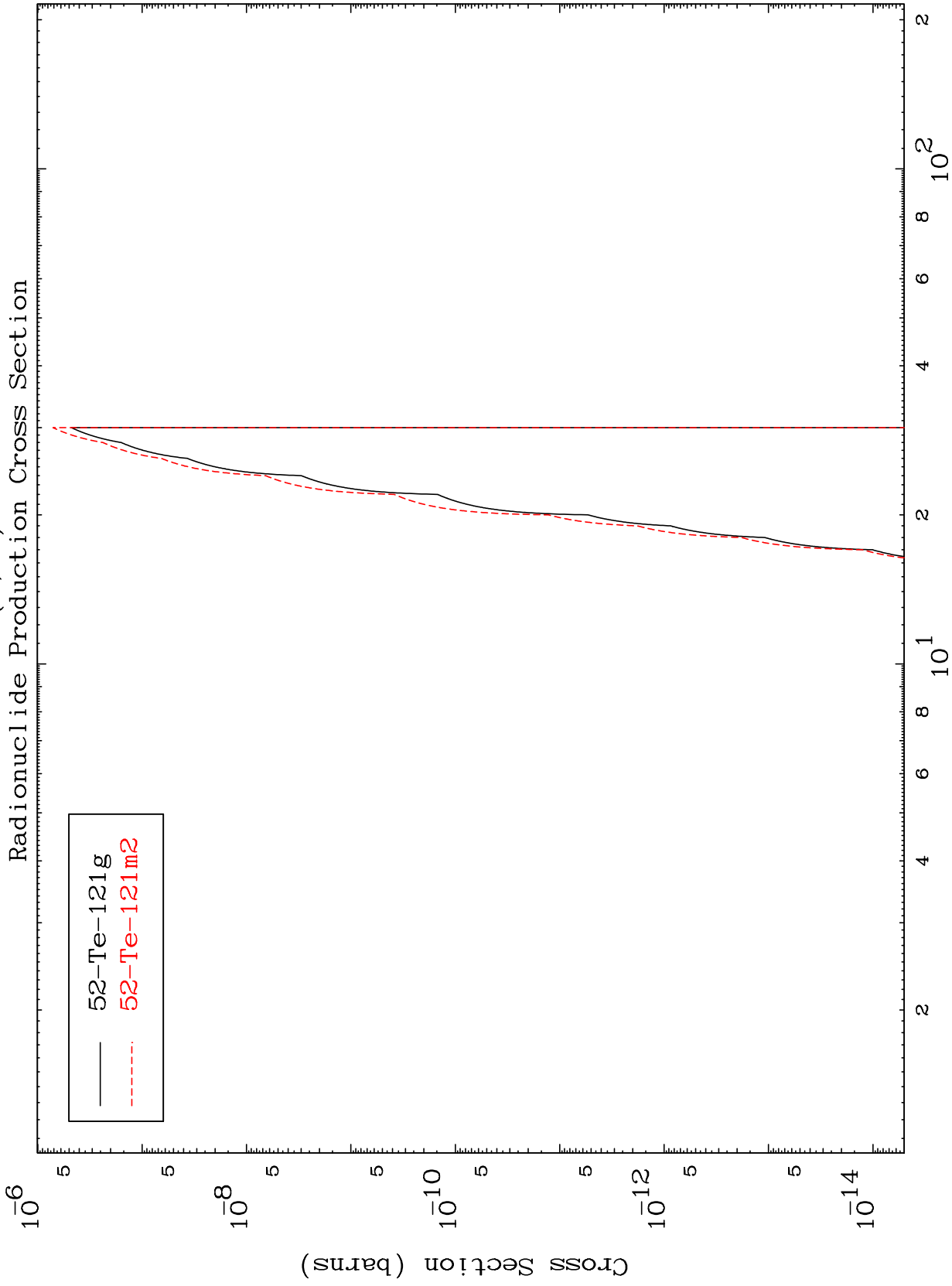
54-Xe-125

MAT 5428

($\alpha, 2\alpha$)

54-Xe-125

Radionuclide Production Cross Section



14

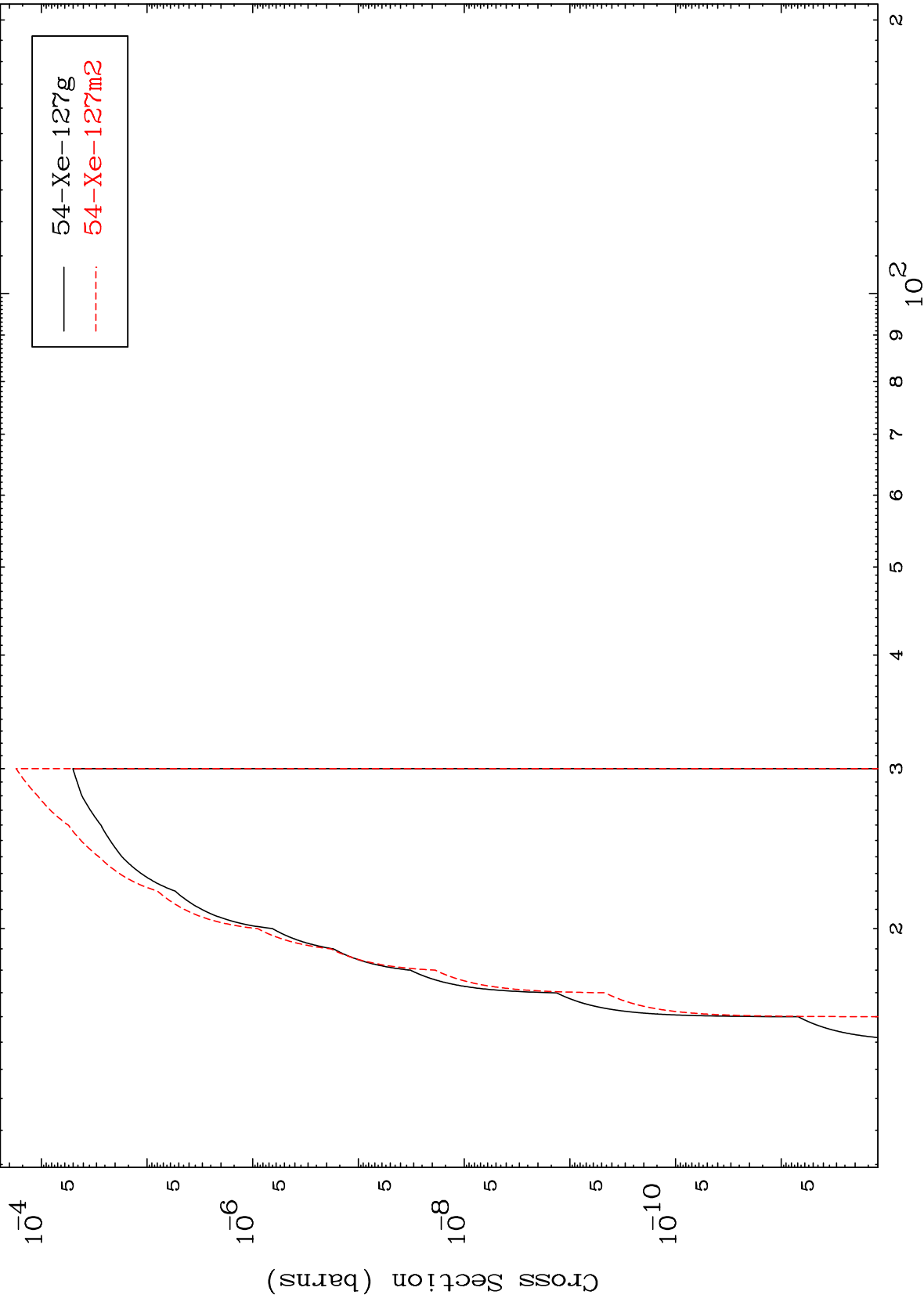
Incident Energy (MeV)

54-Xe-125

MAT 5428

54-Xe-125

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



15

Incident Energy (MeV)

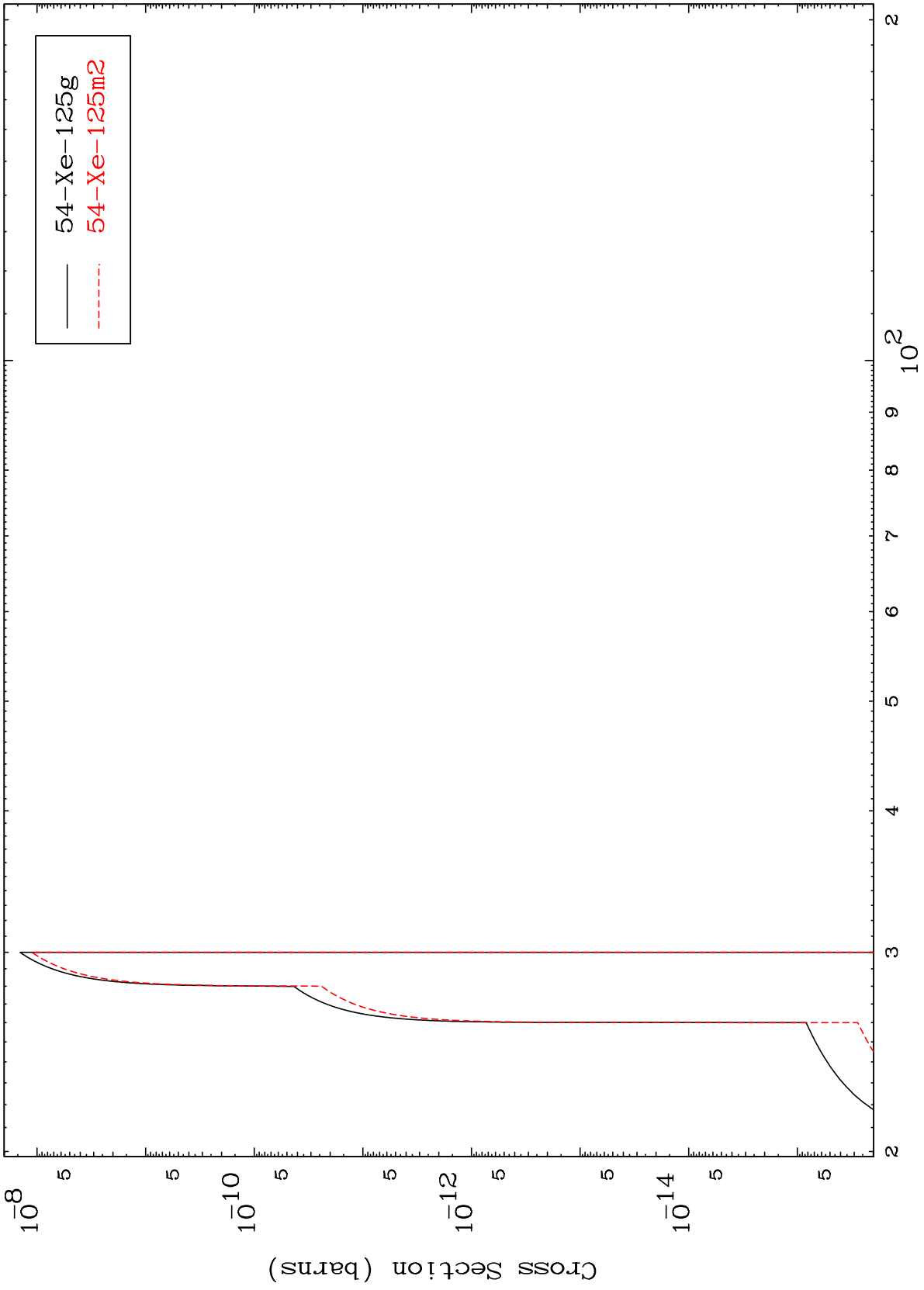
54-Xe-125

MAT 5428

(α, p) t

54-Xe-125

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-125