

Program EVALPLOT
(Version 2018-1)

by

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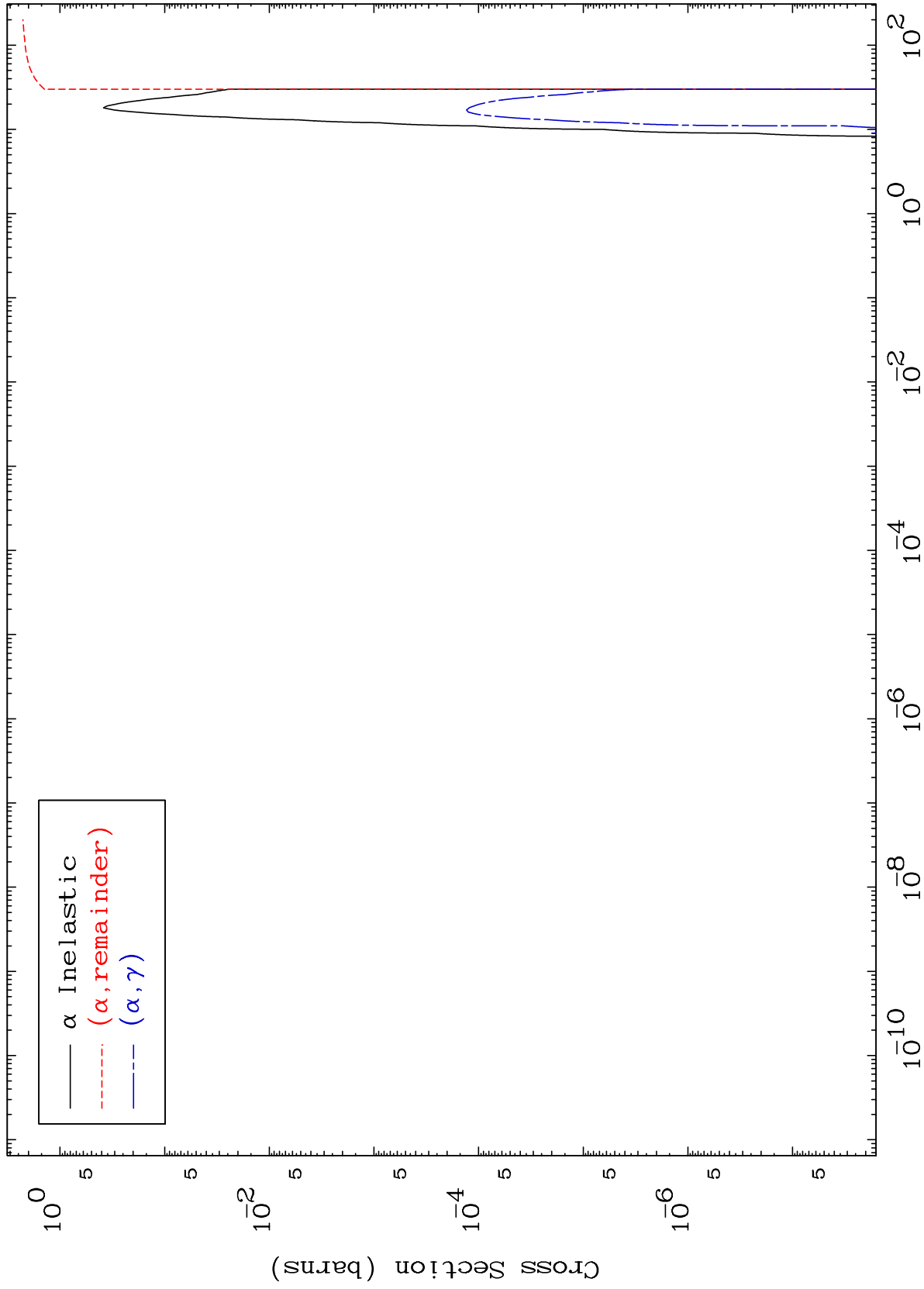
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5435

0 Kelvin α Major

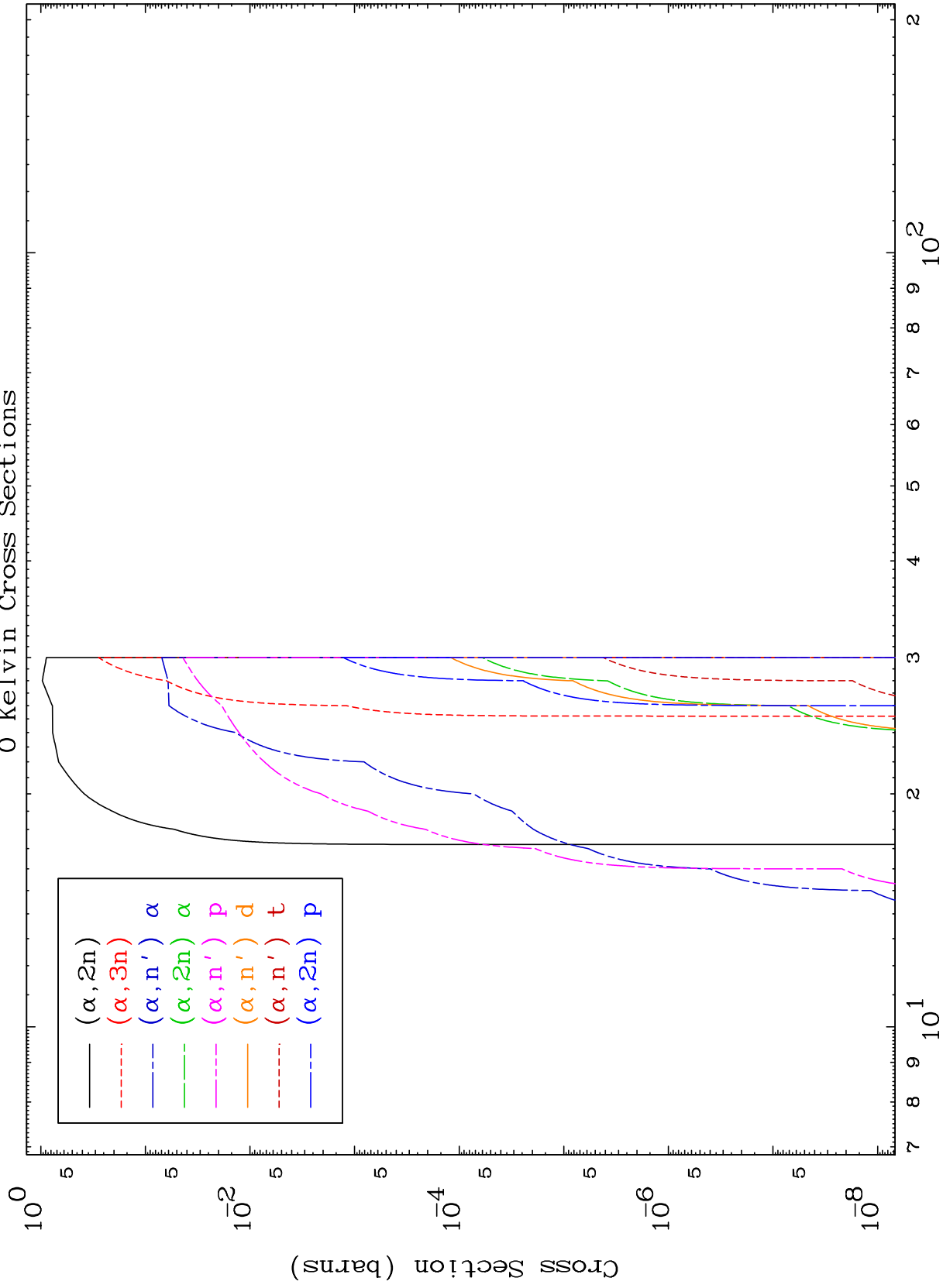
54-Xe-127



MAT 5435

α Neutron Production
0 Kelvin Cross Sections

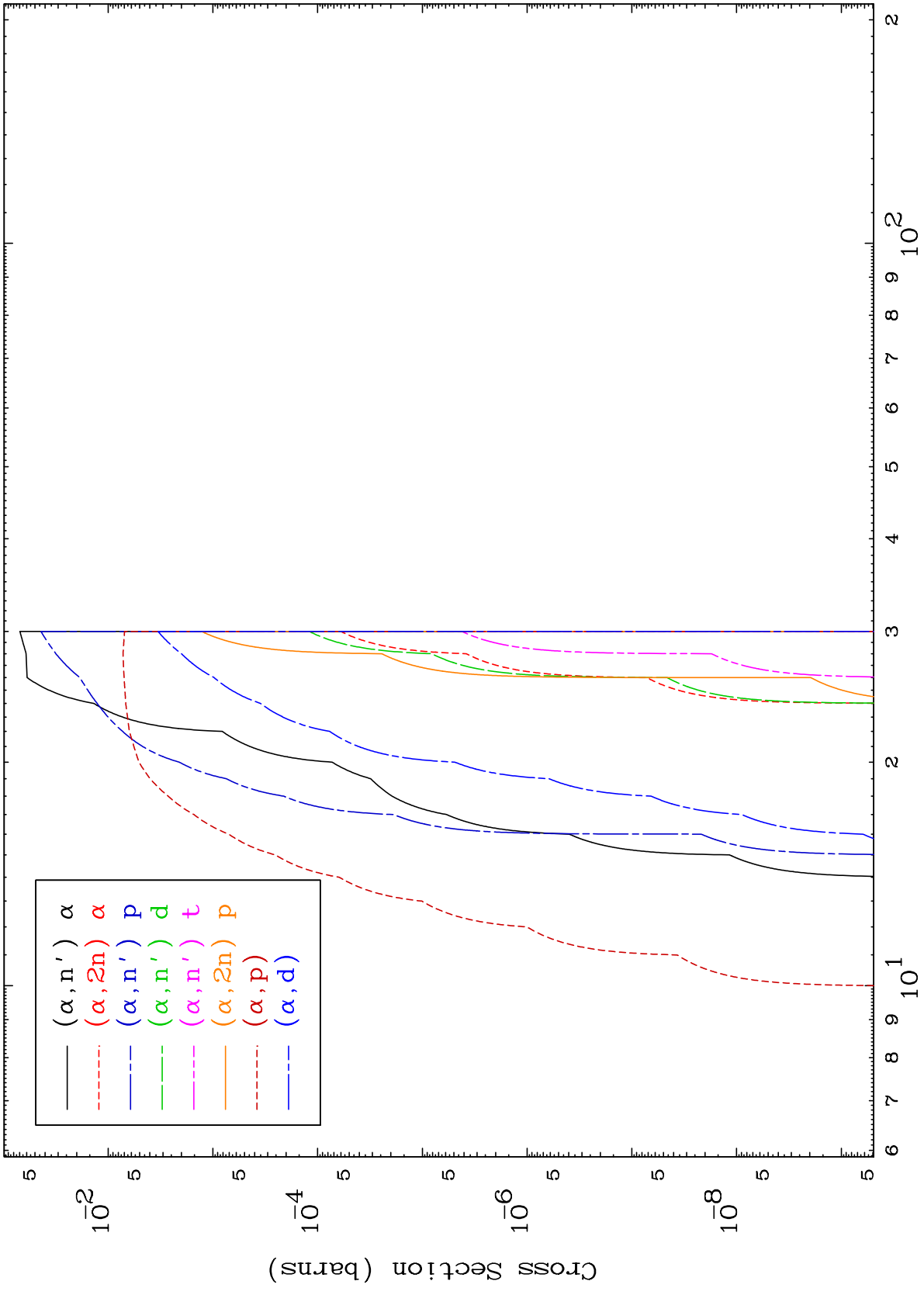
54-Xe-127



2

Incident Energy (MeV)

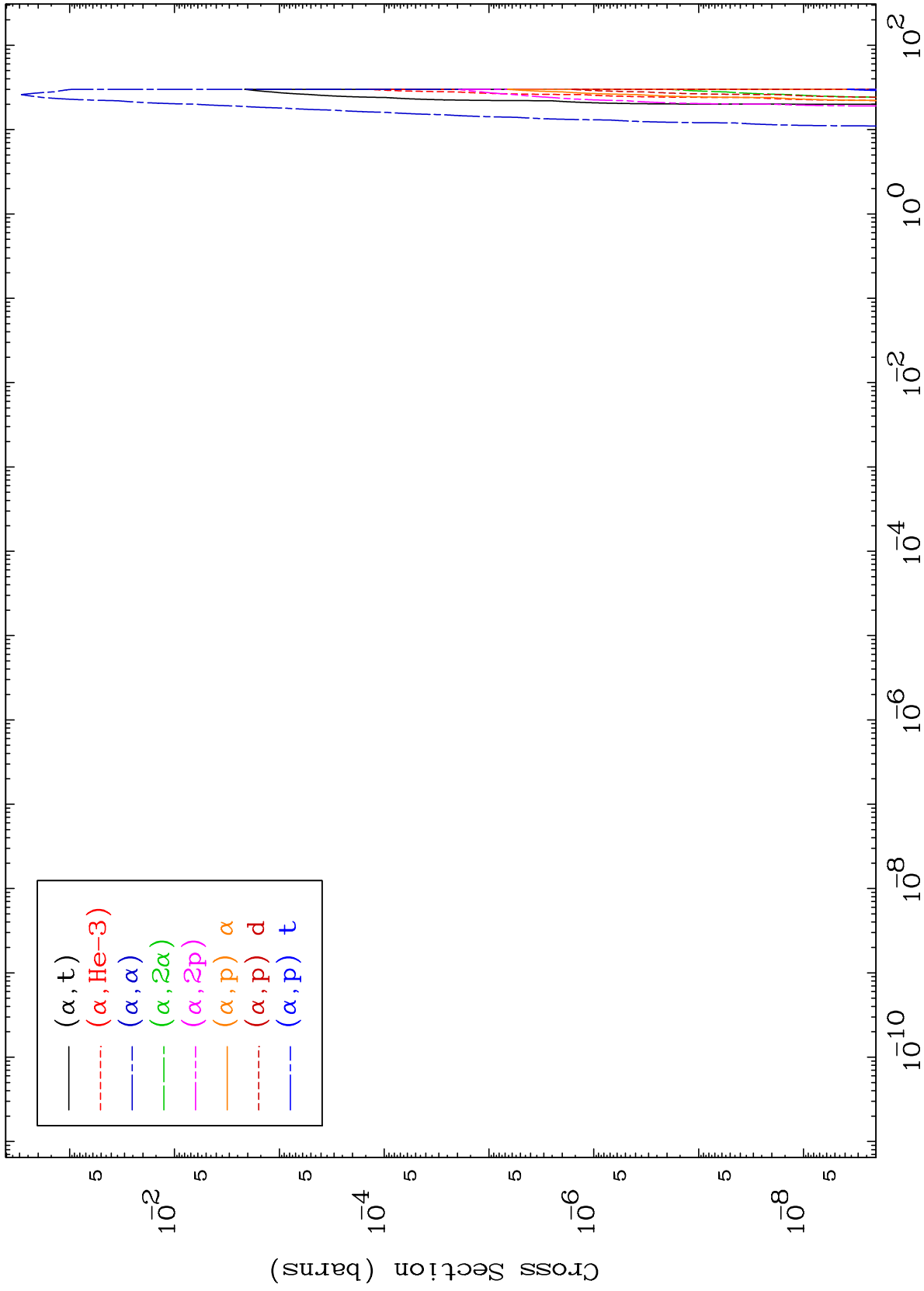
54-Xe-127



MAT 5435

α Charged Particle
0 Kelvin Cross Sections

54-Xe-127

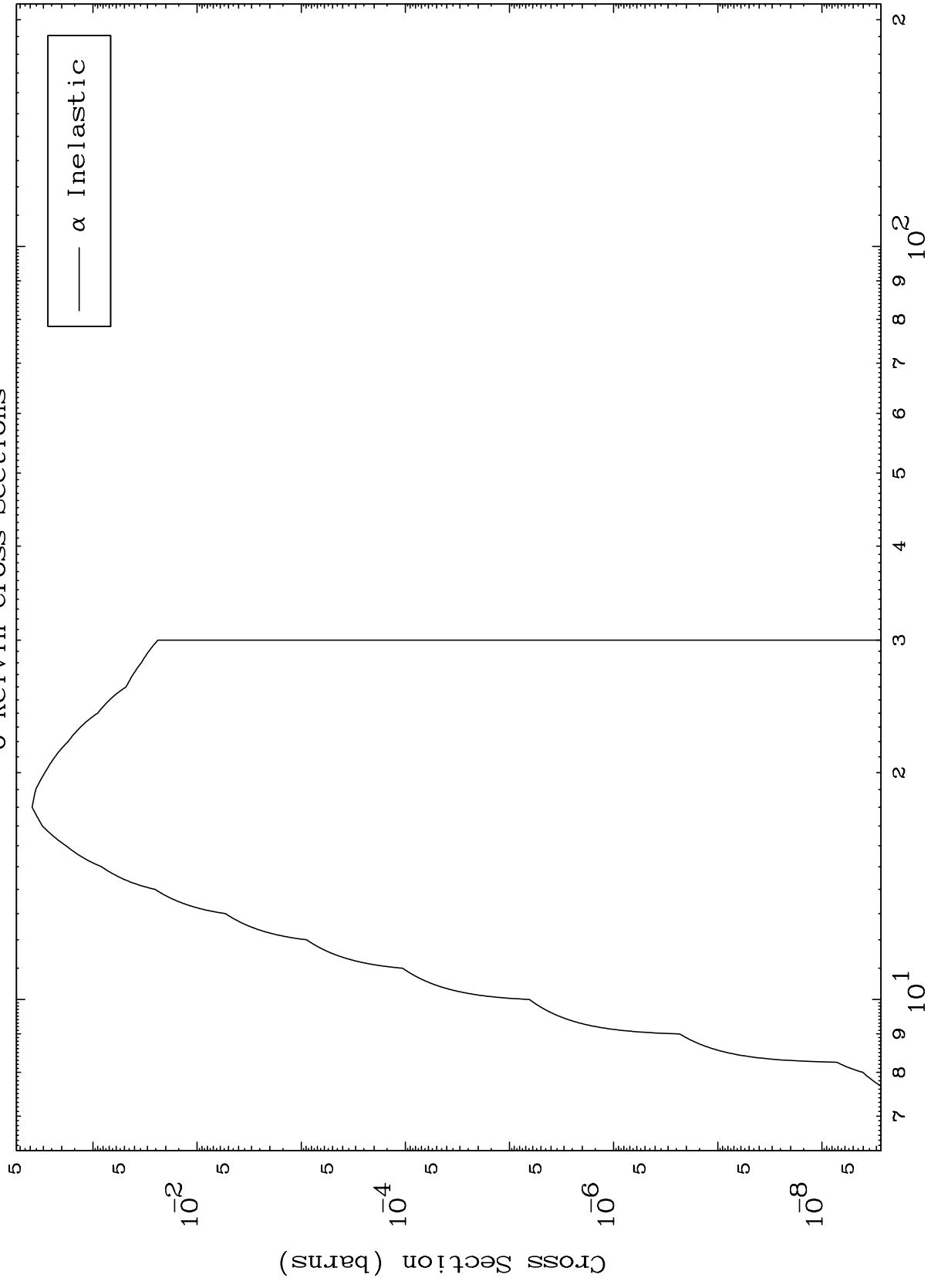


54-Xe-127

MAT 5435

(α, n') Level
0 Kelvin Cross Sections

54-Xe-127



5

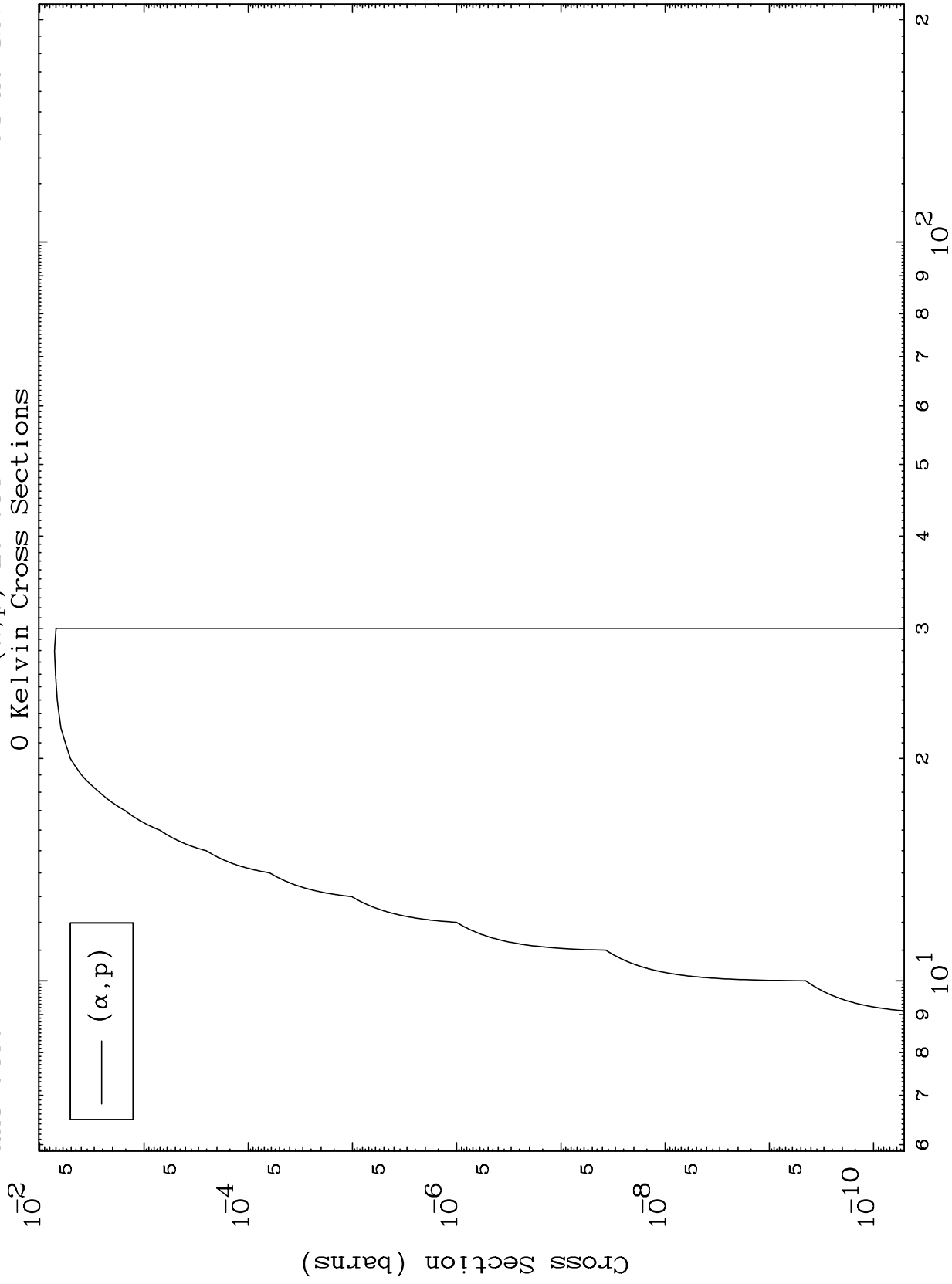
Incident Energy (MeV)

54-Xe-127

MAT 5435

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-127



6

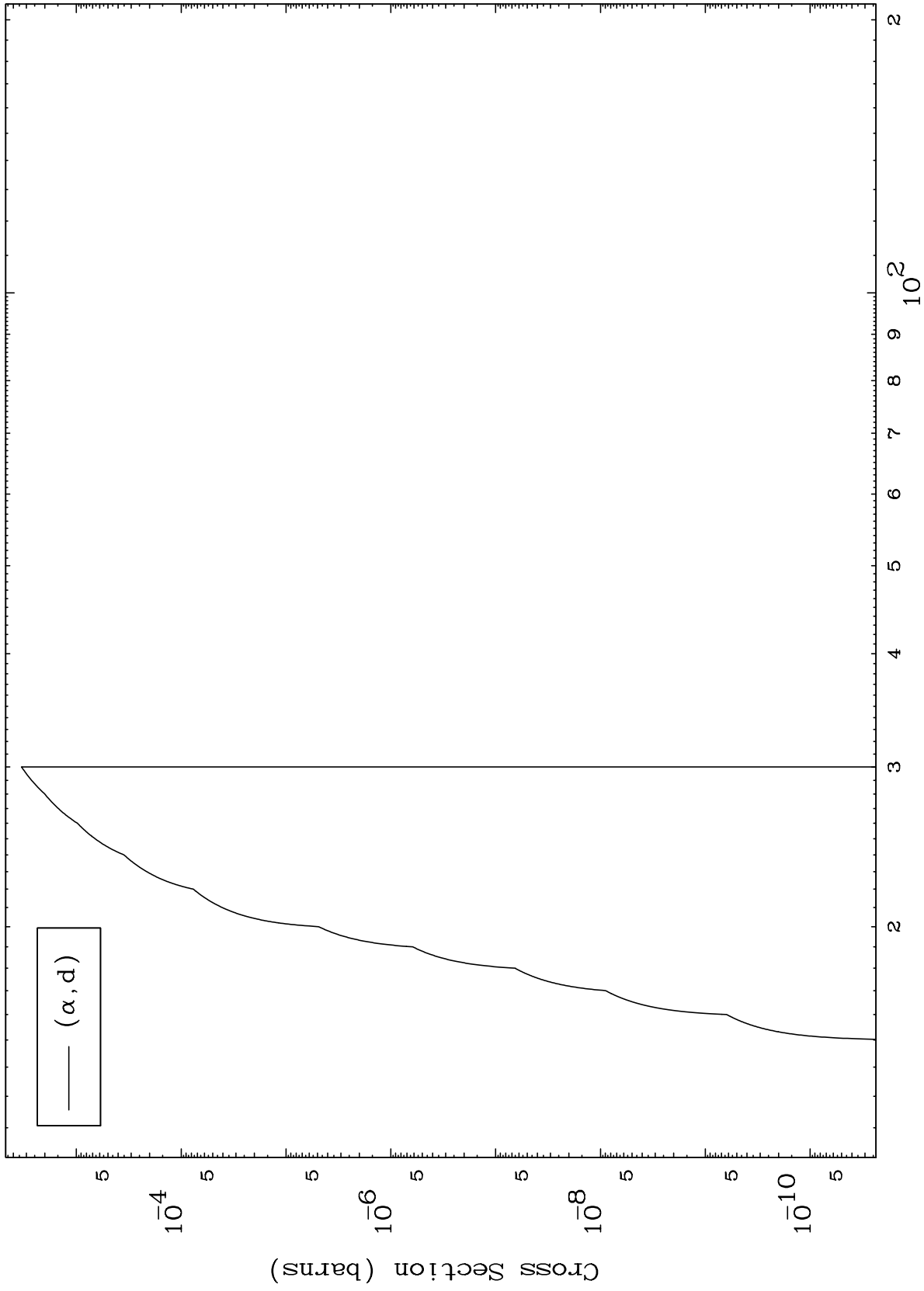
Incident Energy (MeV)

54-Xe-127

MAT 5435

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-127



7

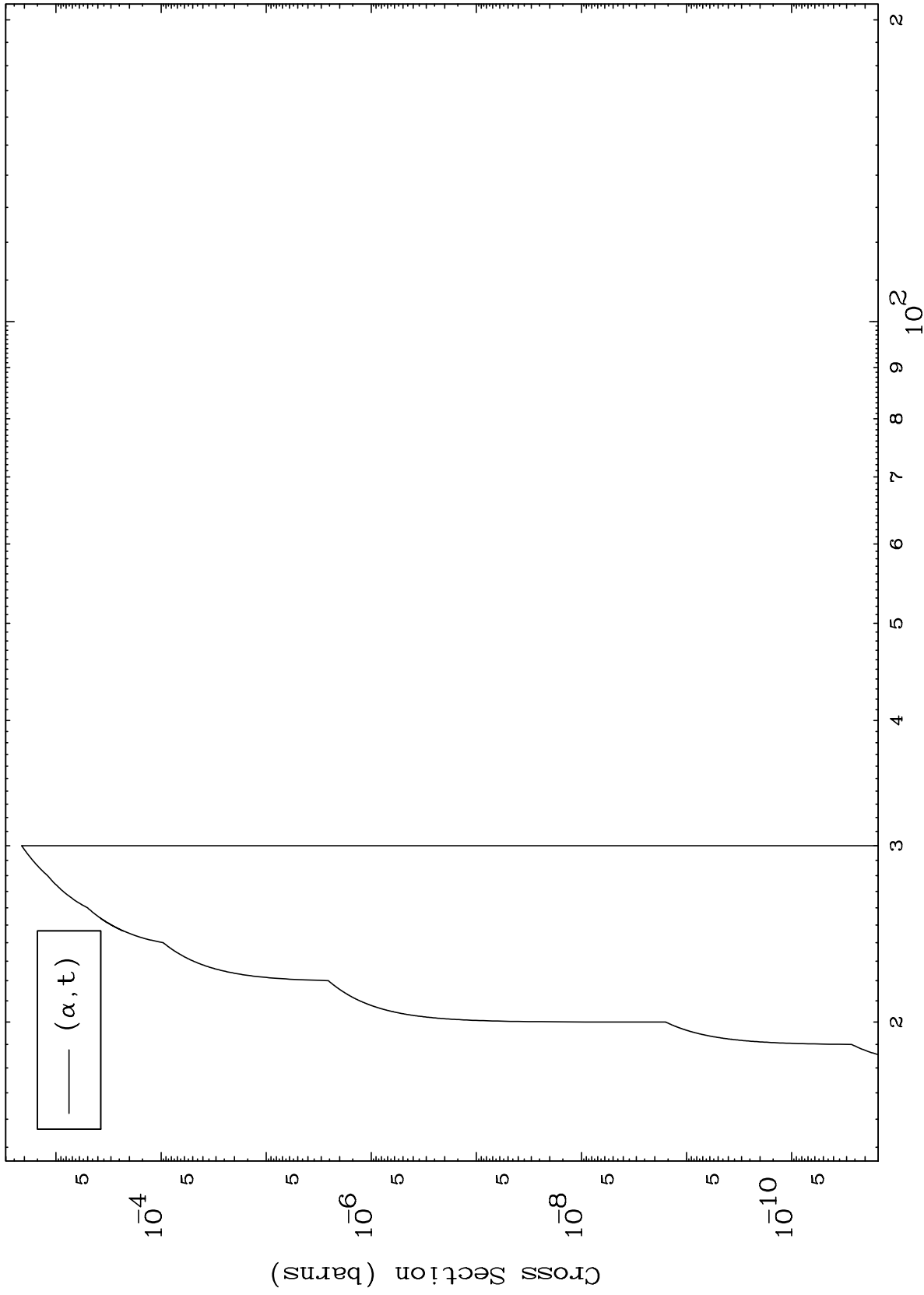
Incident Energy (MeV)

54-Xe-127

MAT 5435

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-127



8

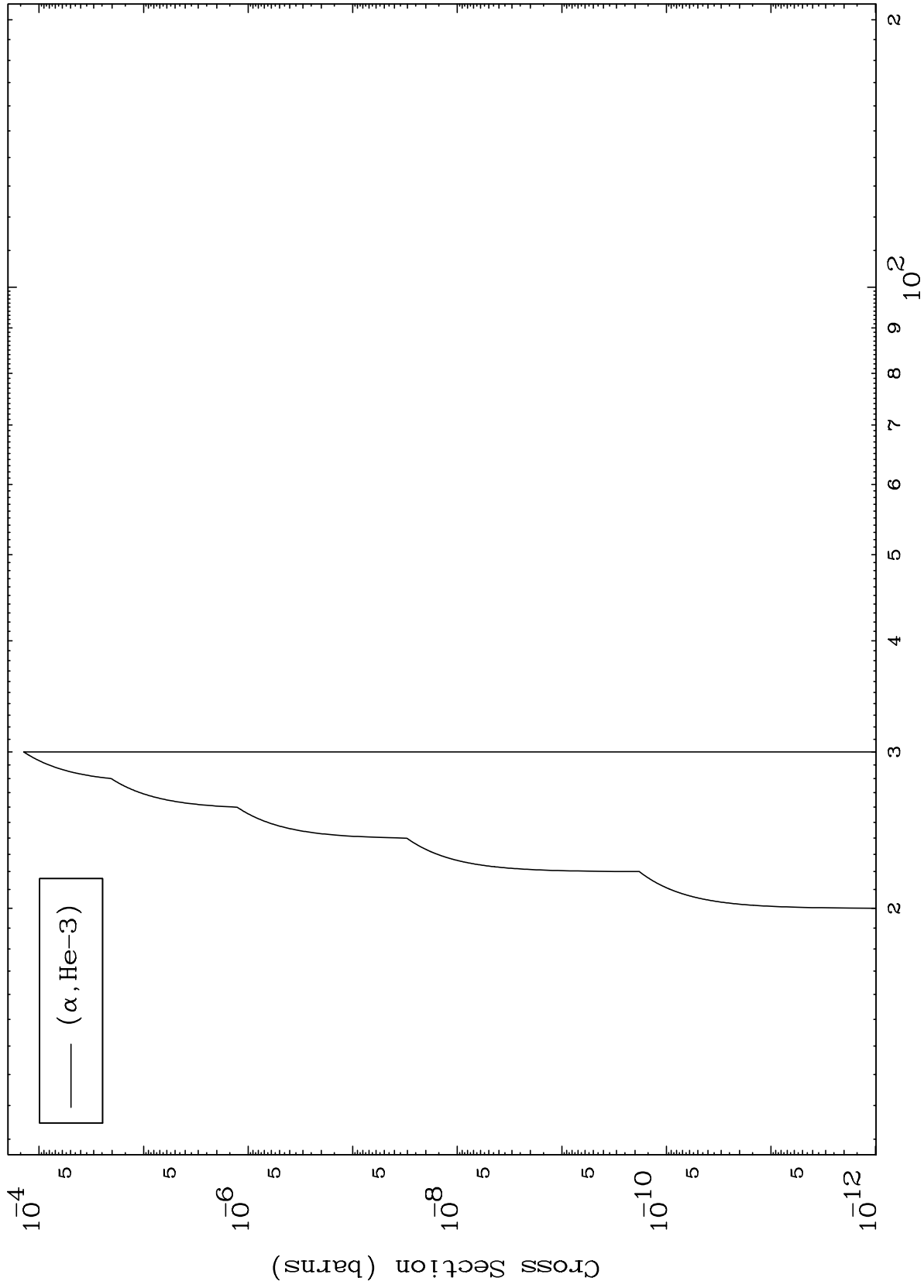
Incident Energy (MeV)

54-Xe-127

MAT 5435

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

54-Xe-127



9

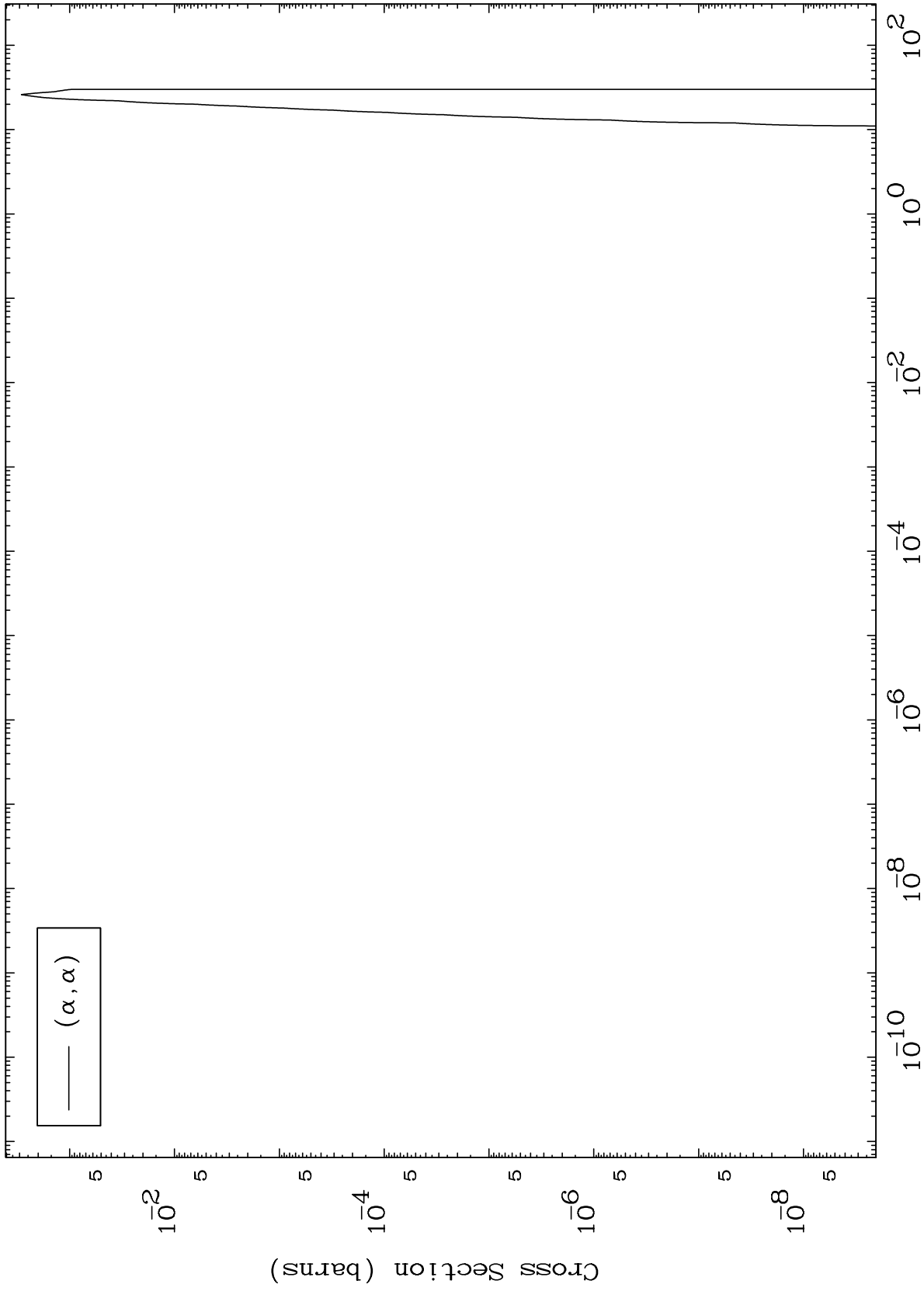
Incident Energy (MeV)

54-Xe-127

MAT 5435

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-127



10

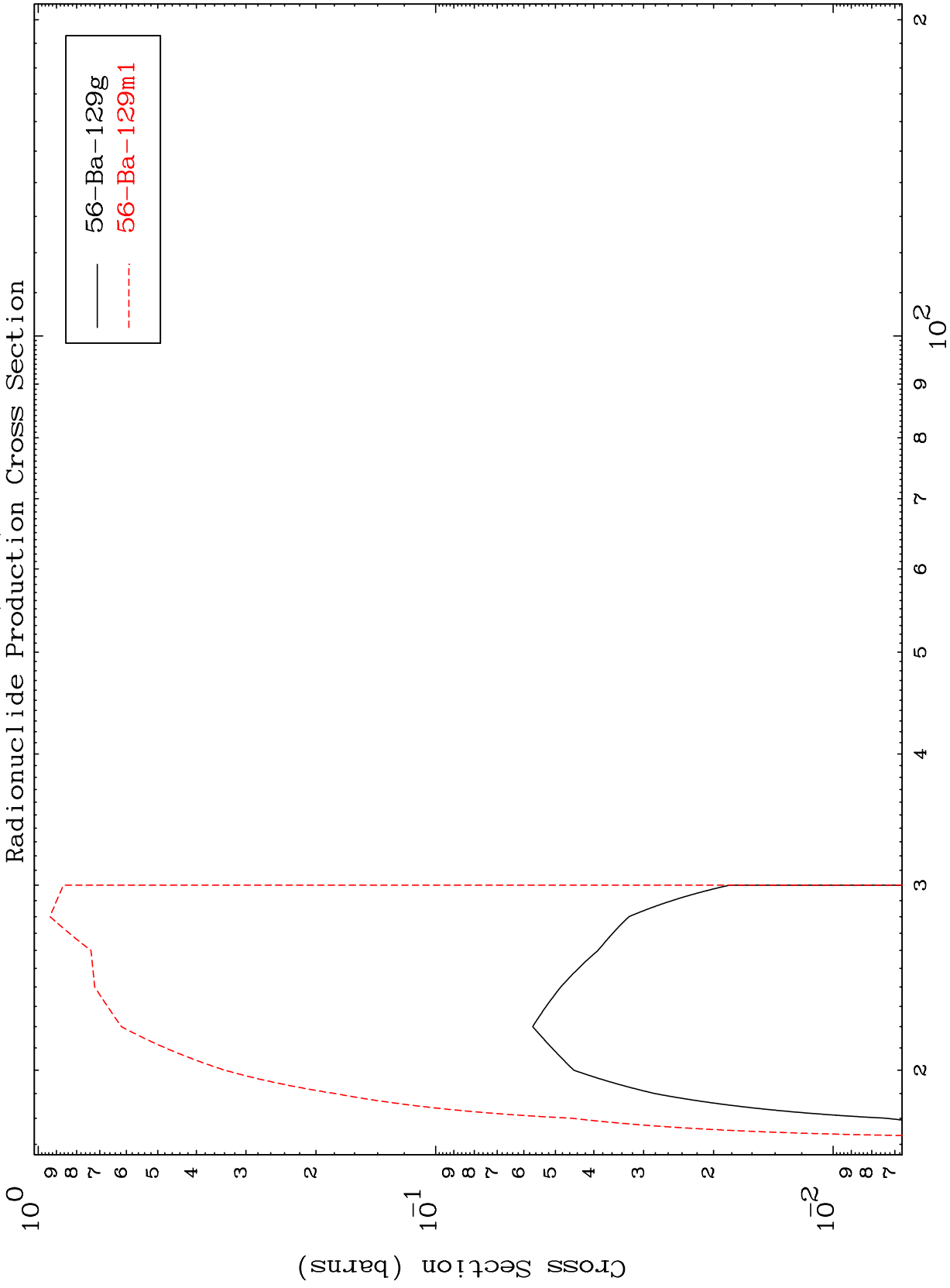
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

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



11

Incident Energy (MeV)

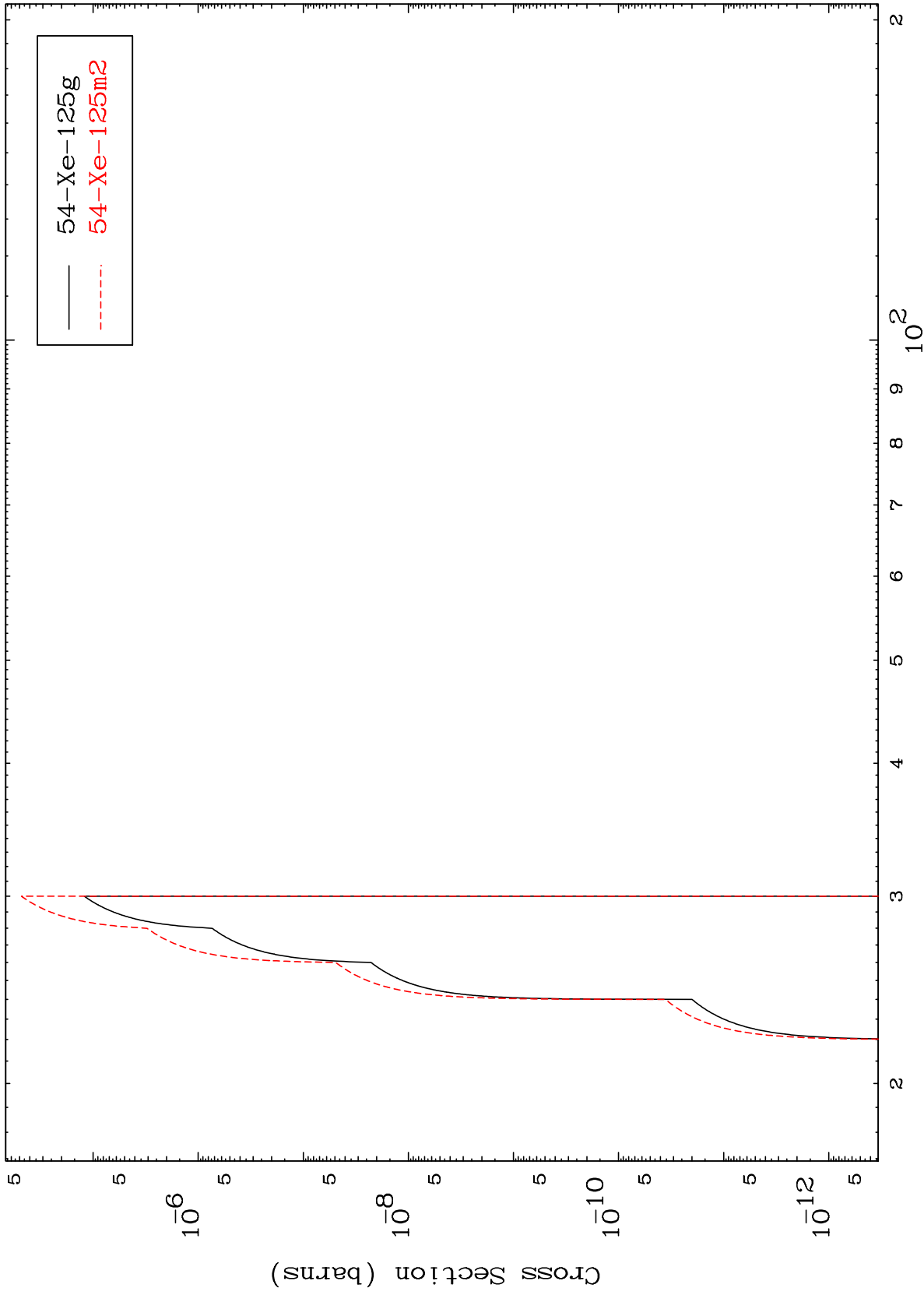
54-Xe-127

MAT 5435

($\alpha, 2n$) α

54-Xe-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

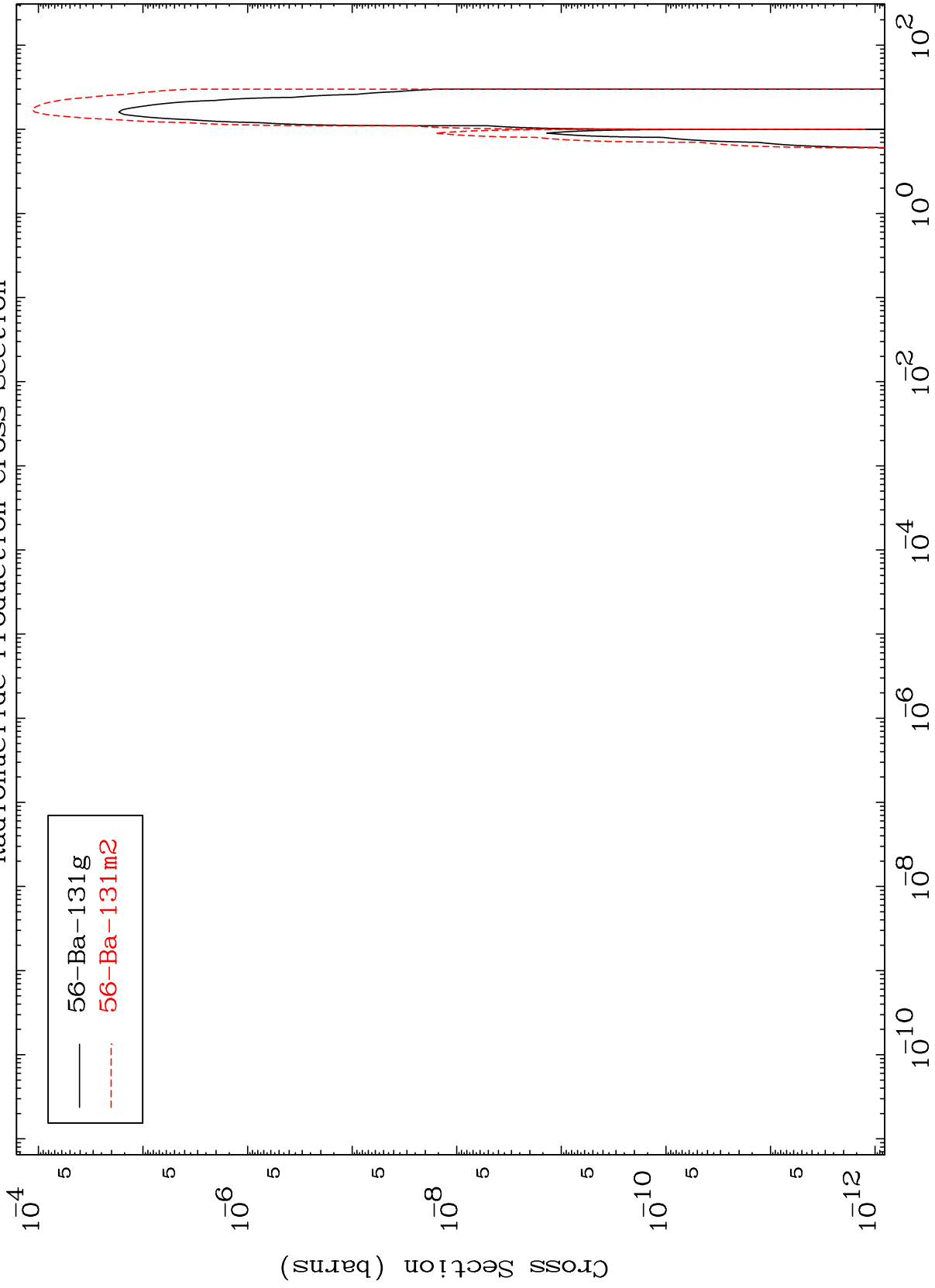
54-Xe-127

MAT 5435

(α, γ)

54-Xe-127

Radionuclide Production Cross Section



13

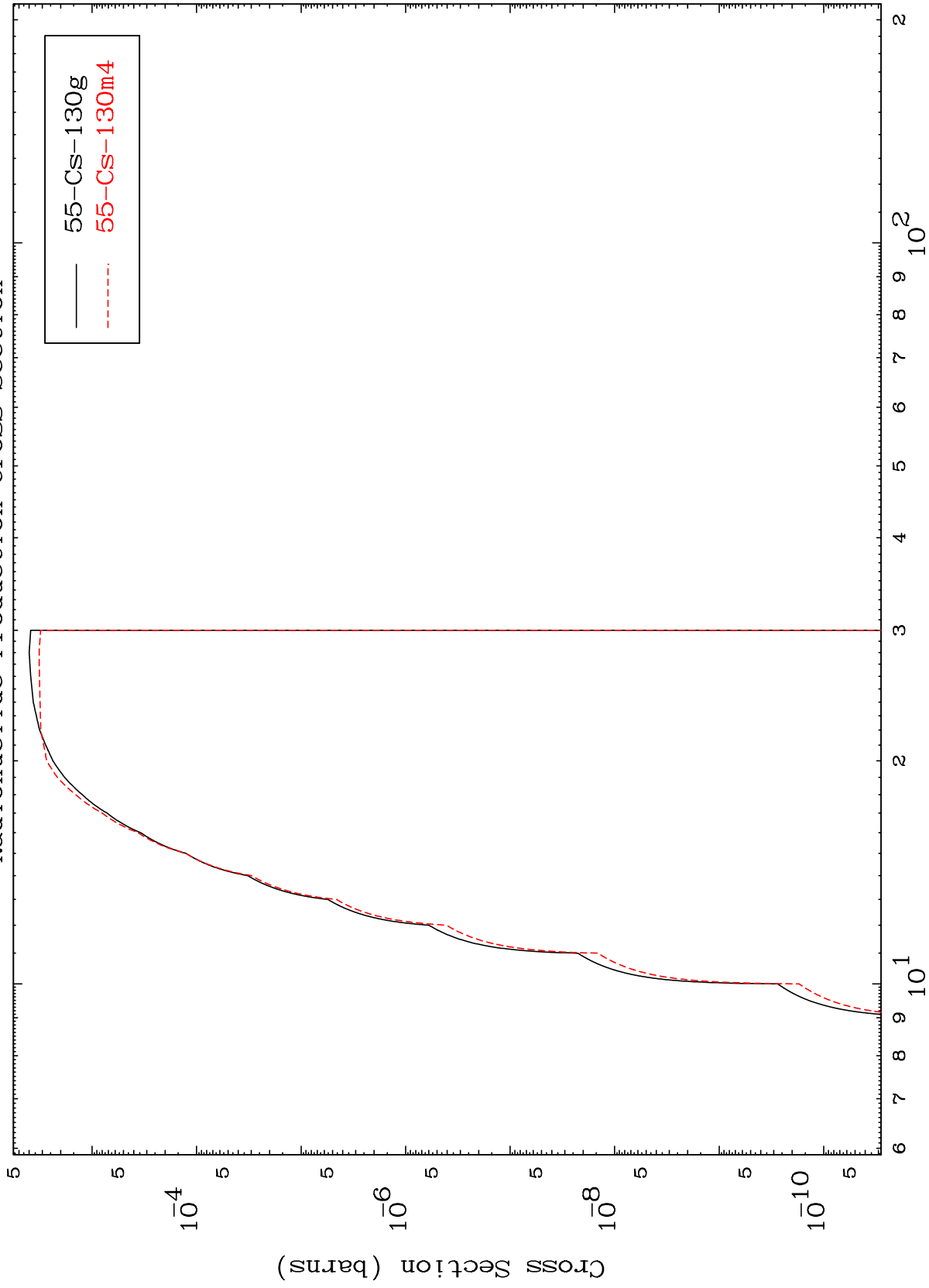
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

(α, p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

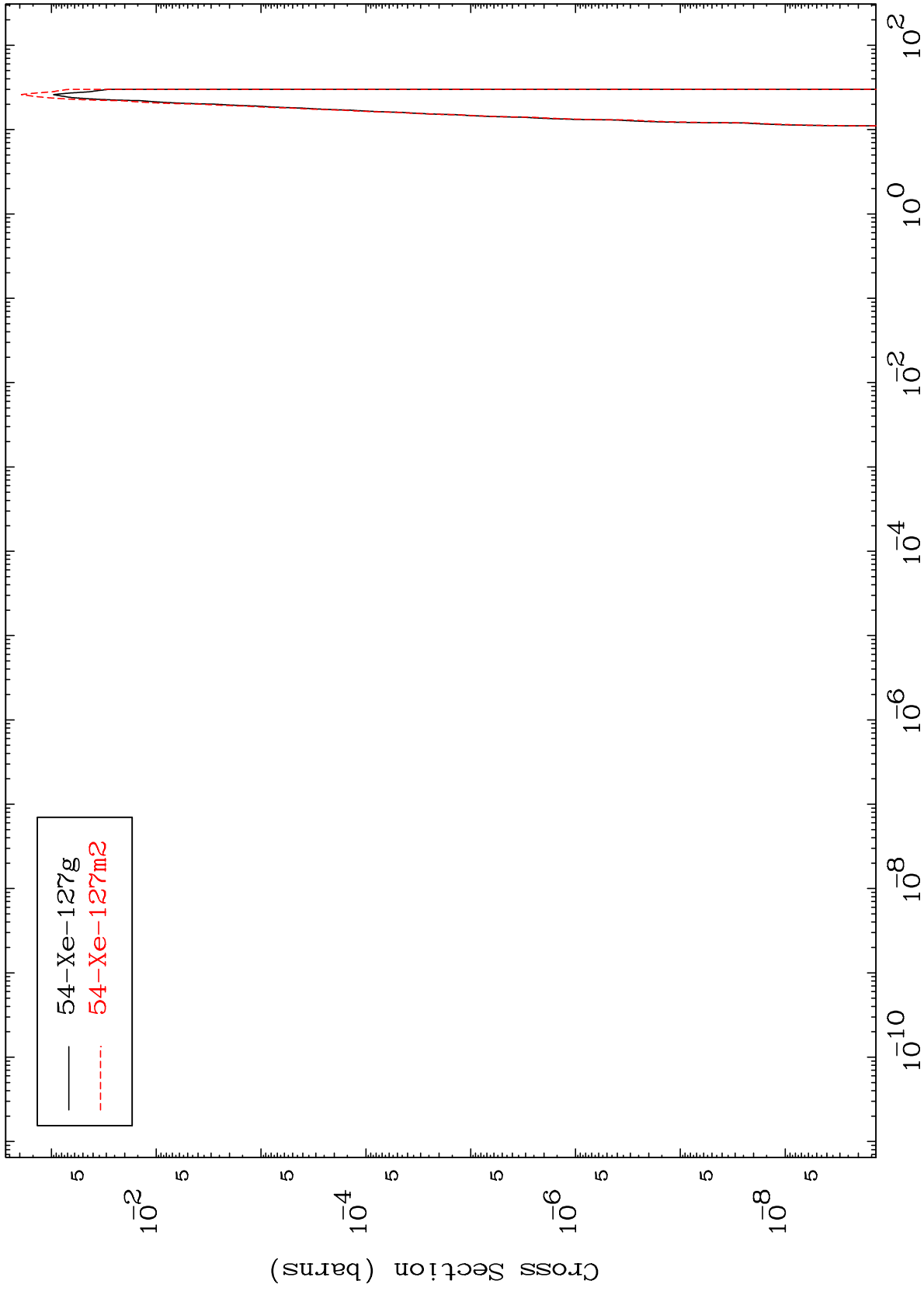
54-Xe-127

MAT 5435

(α, α)

54-Xe-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

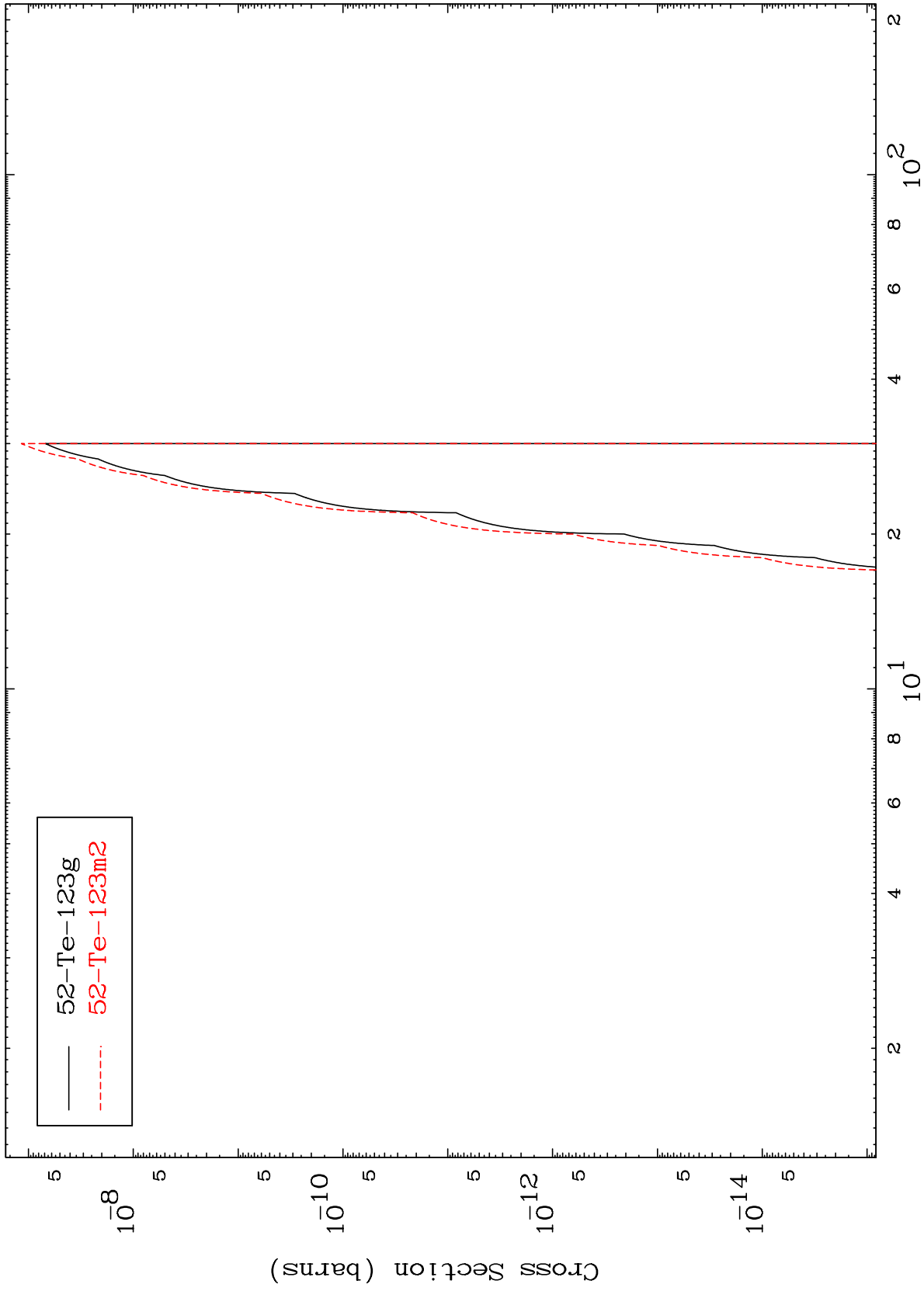
54-Xe-127

MAT 5435

($\alpha, 2\alpha$)

54-Xe-127

Radionuclide Production Cross Section



16

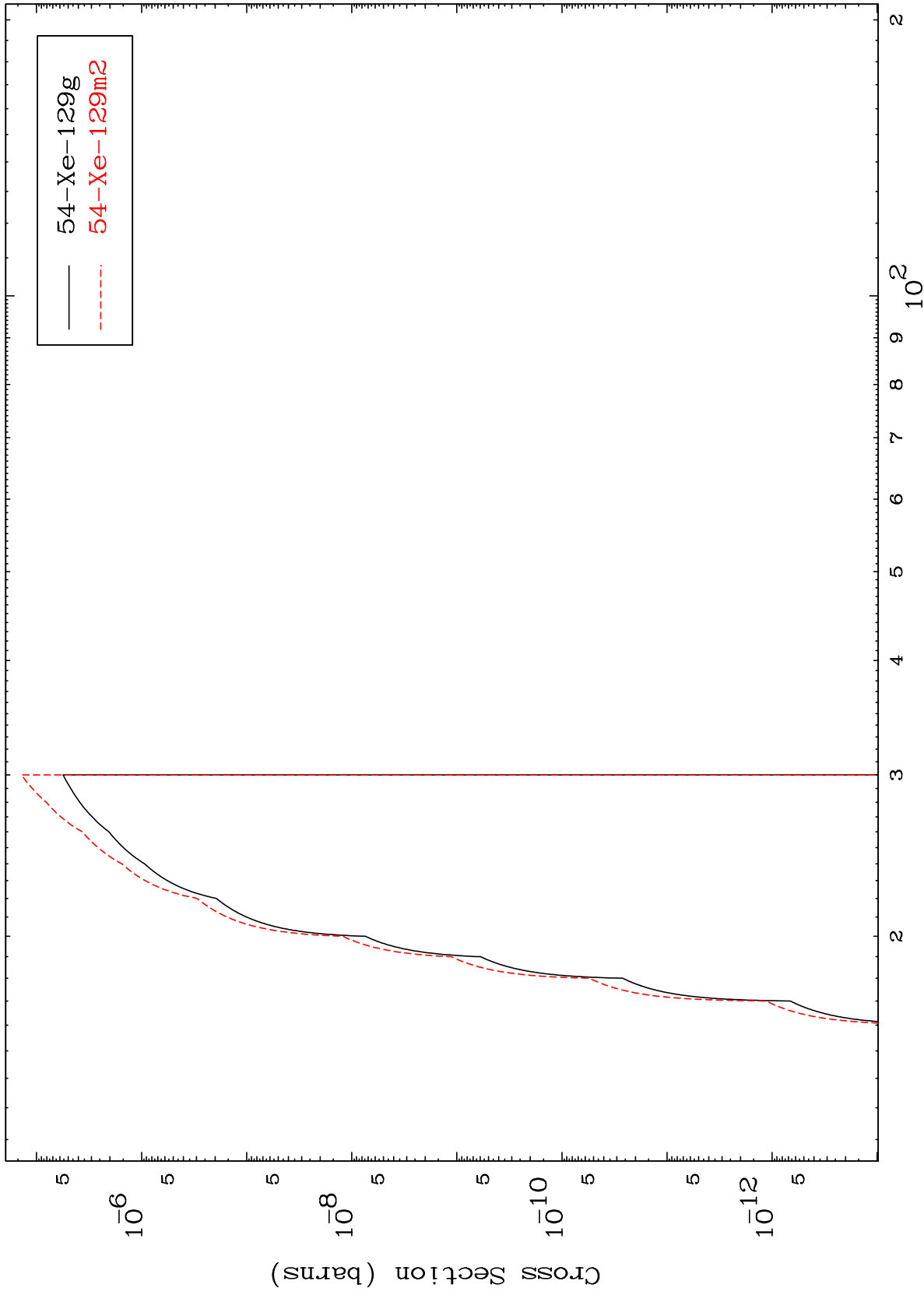
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

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



17

Incident Energy (MeV)

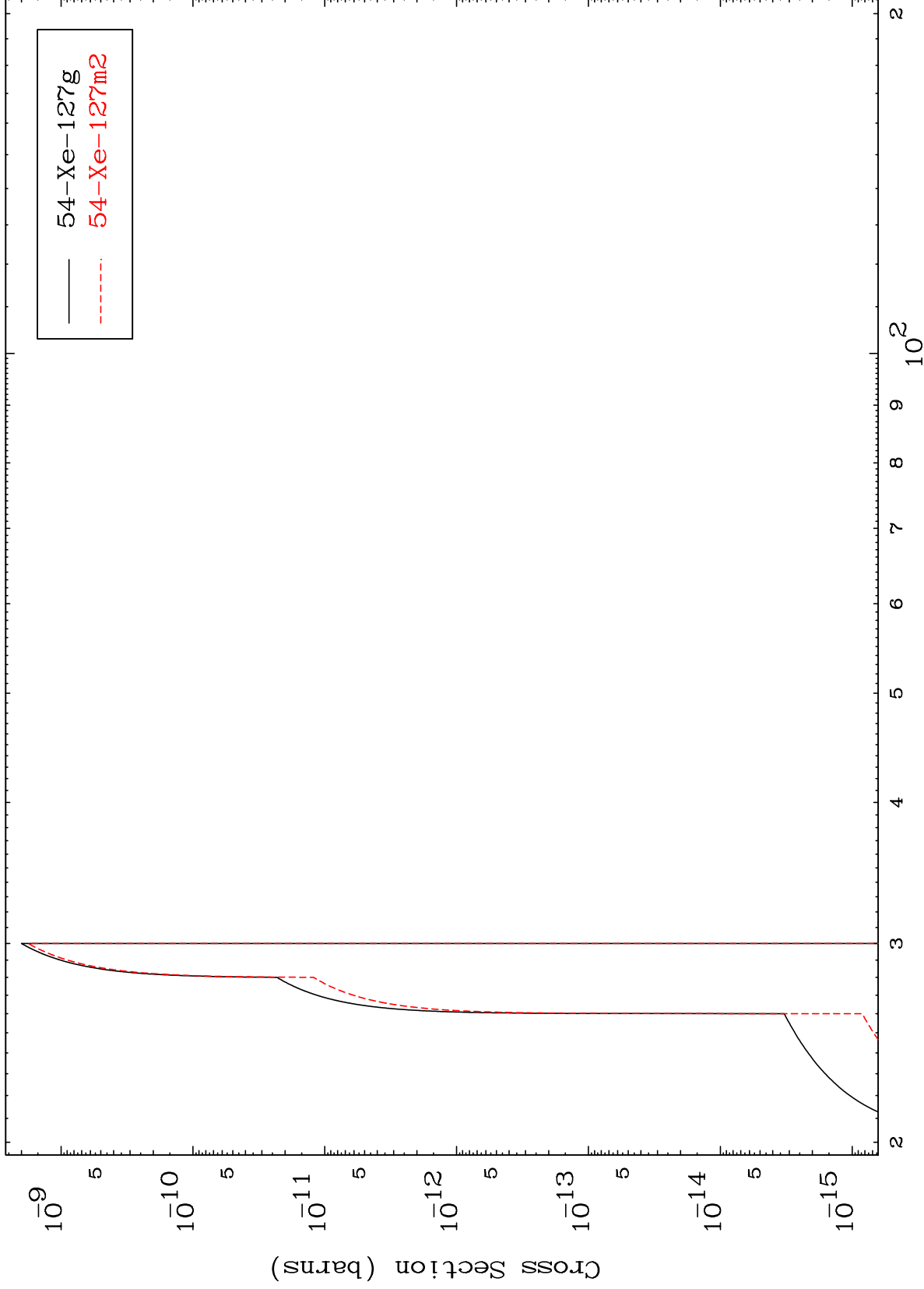
54-Xe-127

MAT 5435

(α, p) t

54-Xe-127

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-127