

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

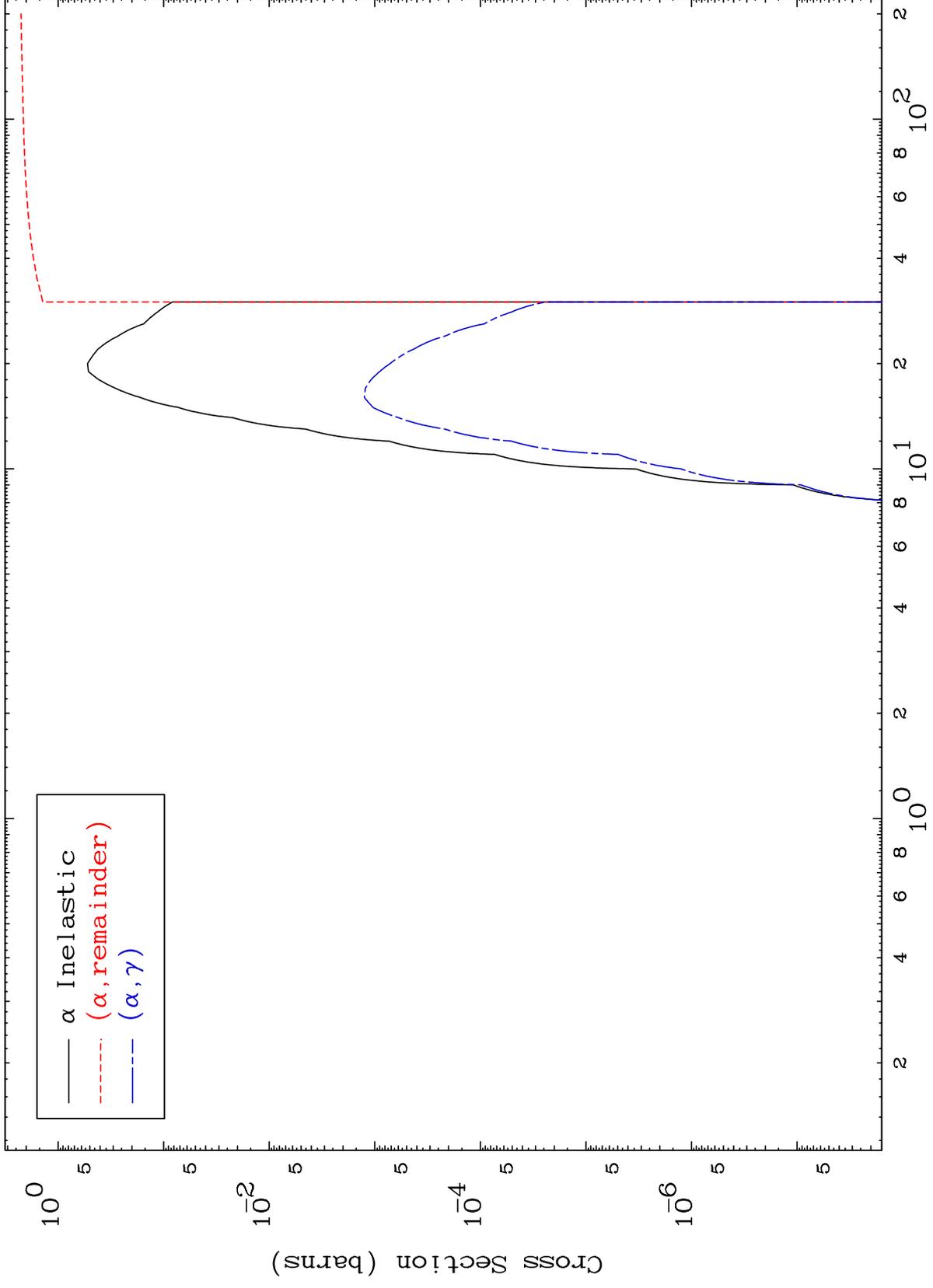
Press Mouse Button to Start

MAT 5429

α Major

54-Xe-125

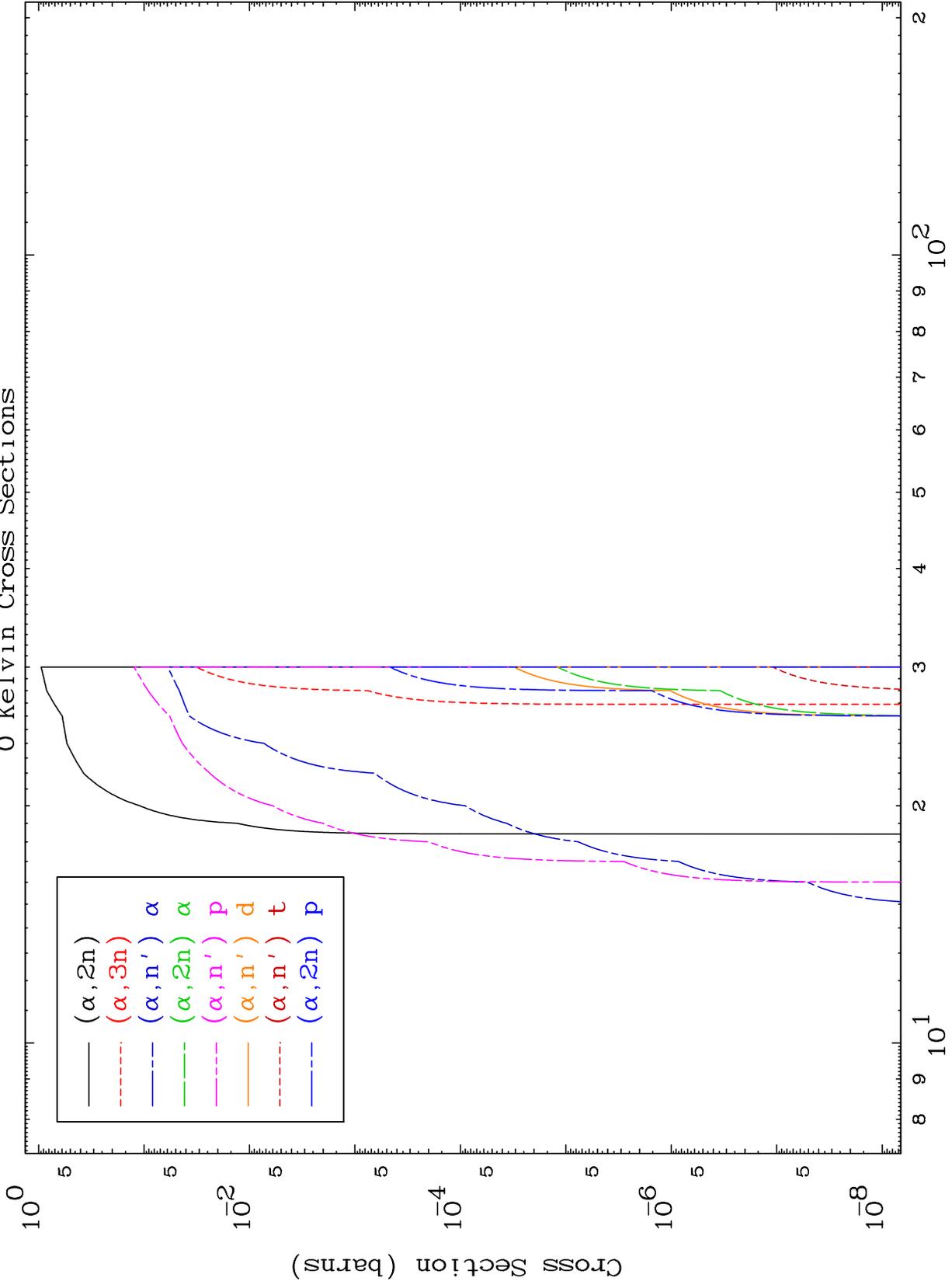
0 Kelvin Cross Sections



MAT 5429

α Neutron Production
0 Kelvin Cross Sections

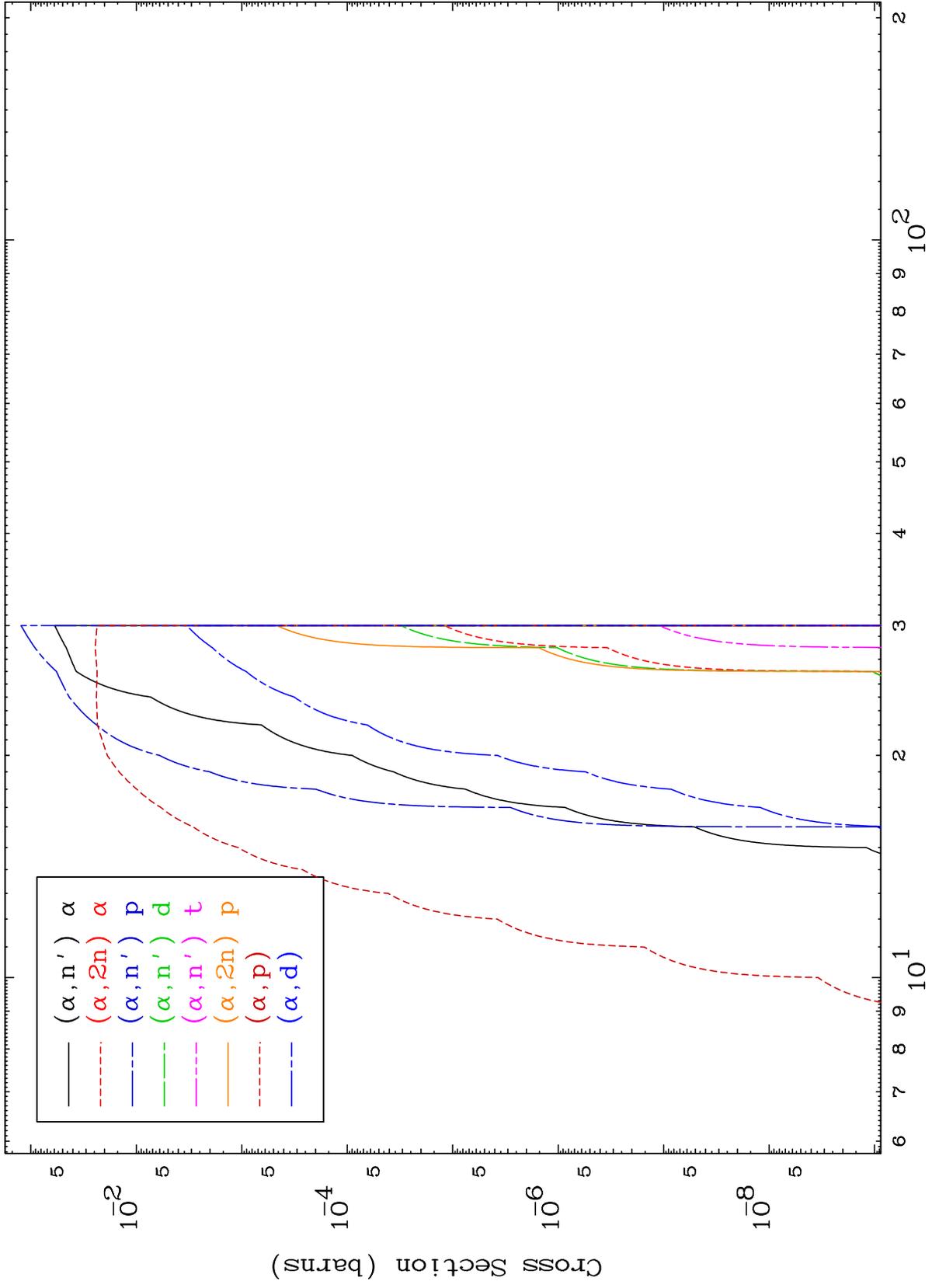
54-Xe-125

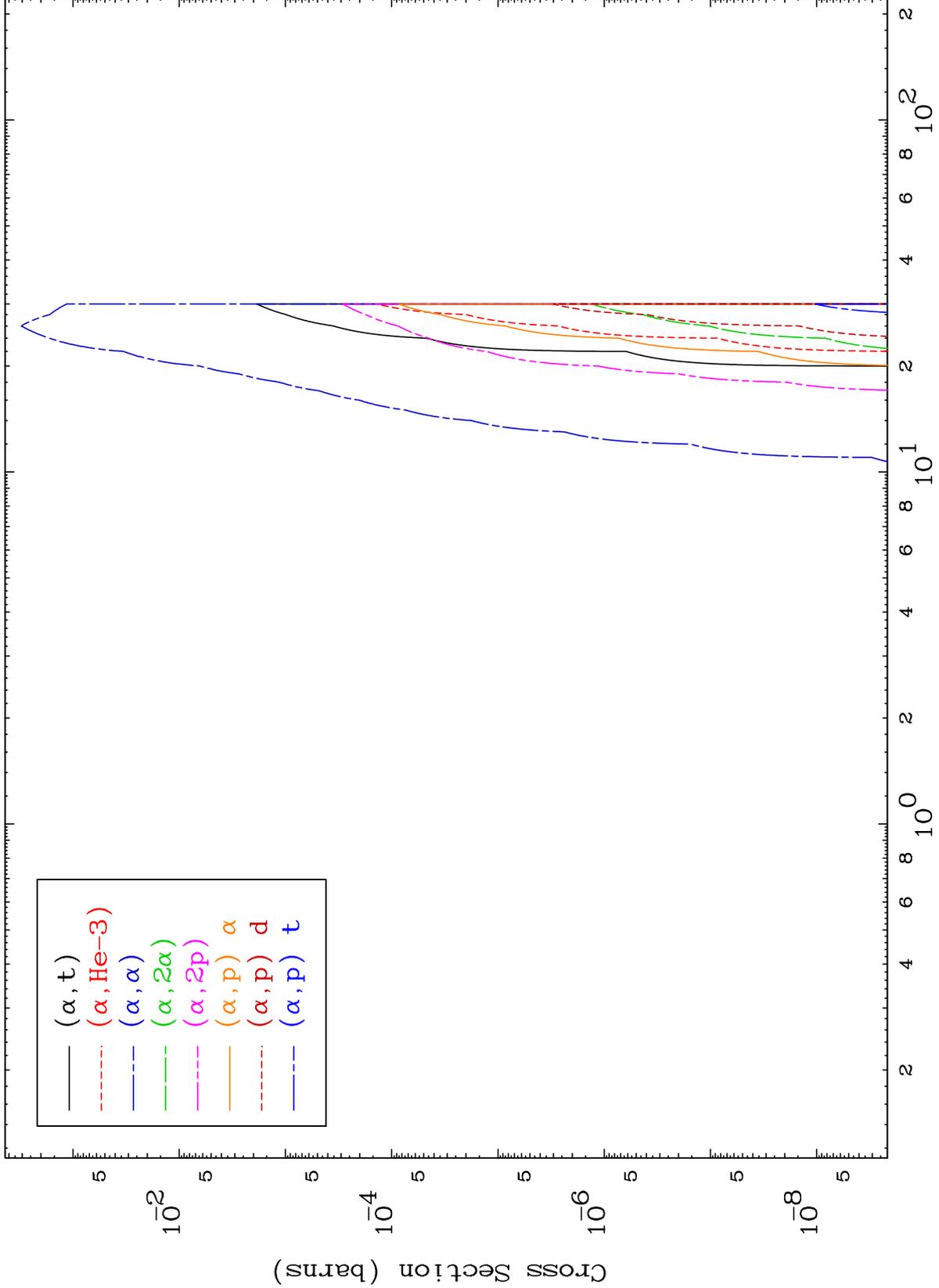


2

Incident Energy (MeV)

54-Xe-125

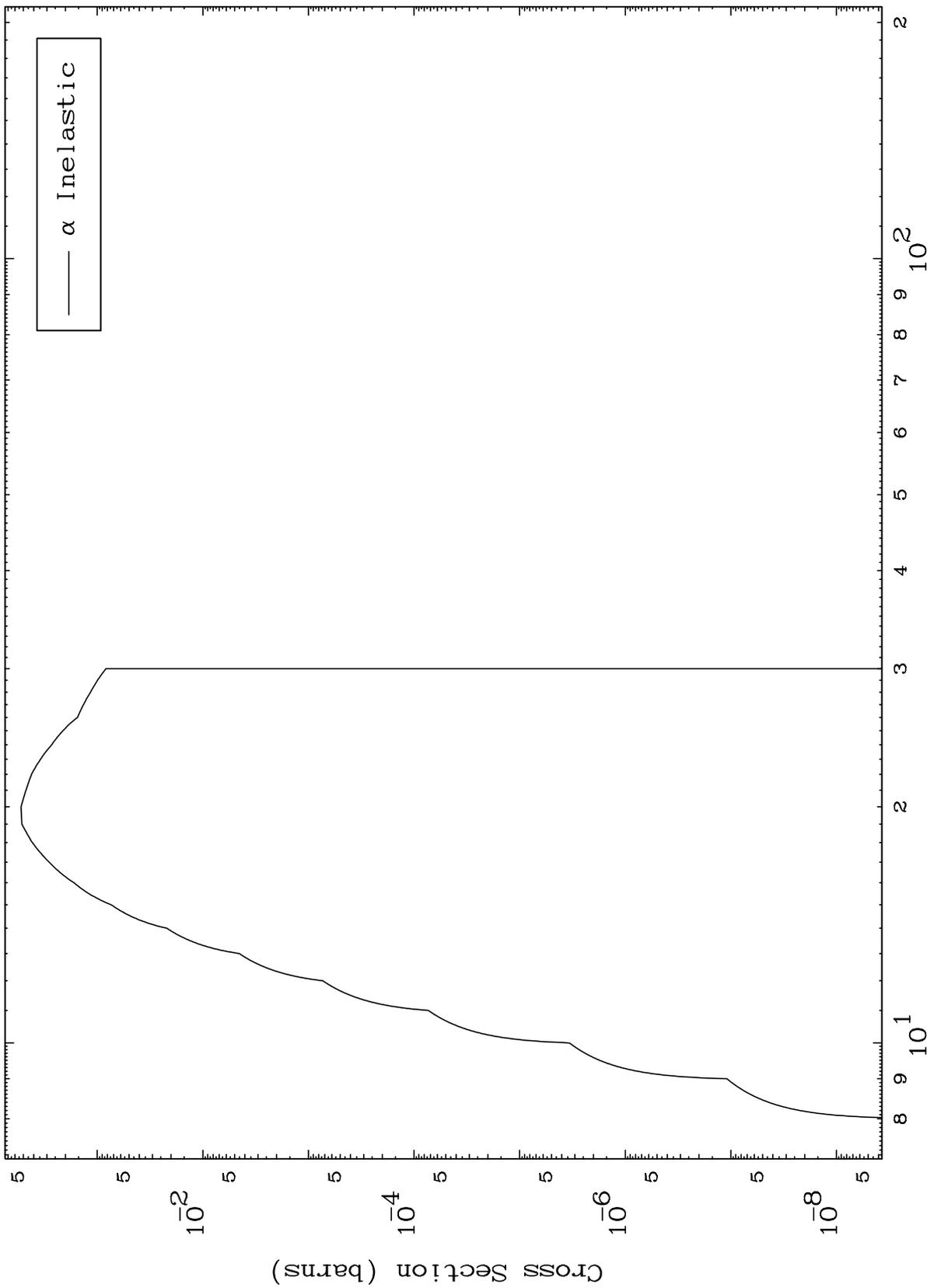




MAT 5429

(α, n') Level
0 Kelvin Cross Sections

54-Xe-125



5

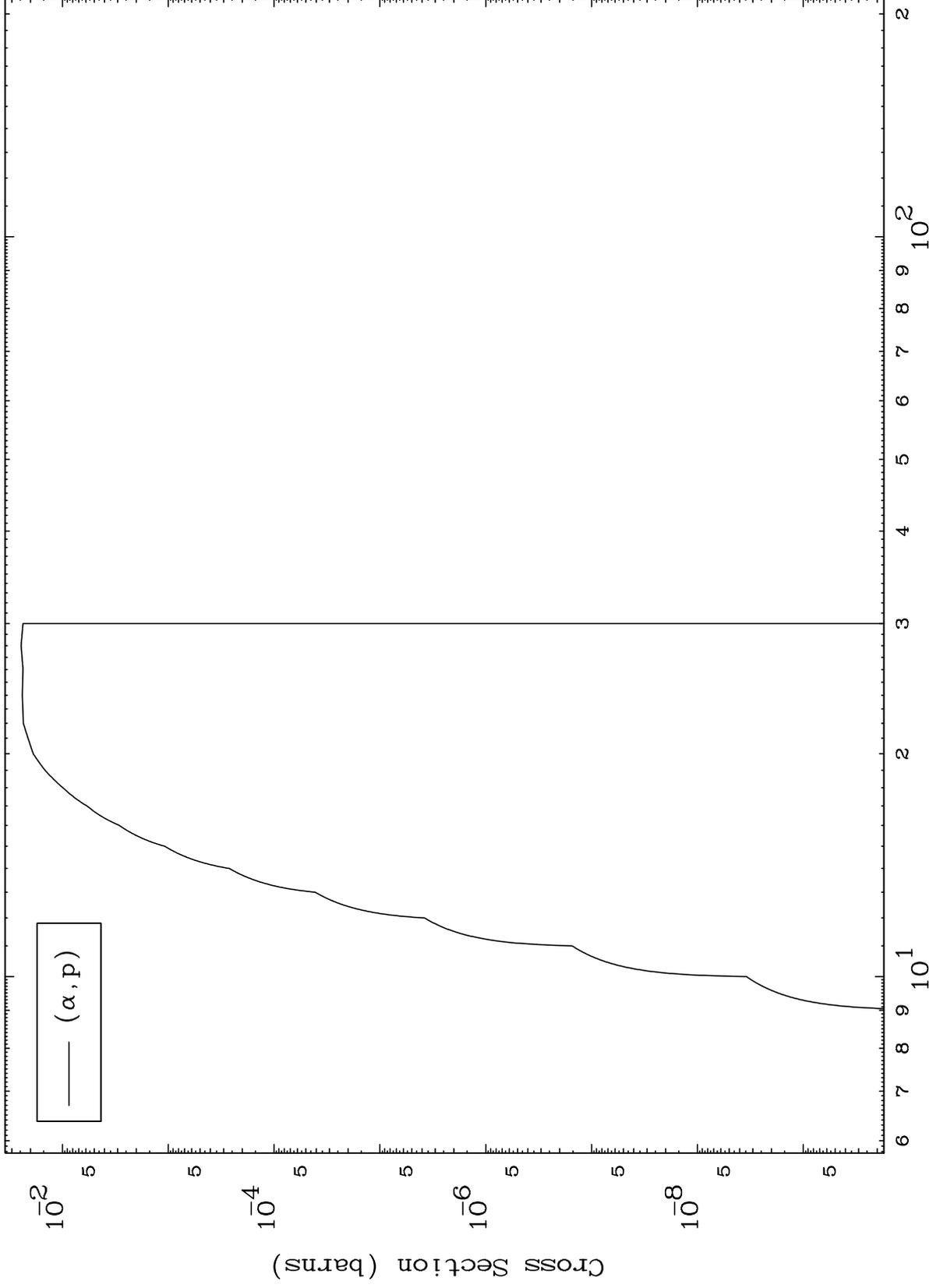
Incident Energy (MeV)

54-Xe-125

MAT 5429

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-125



6

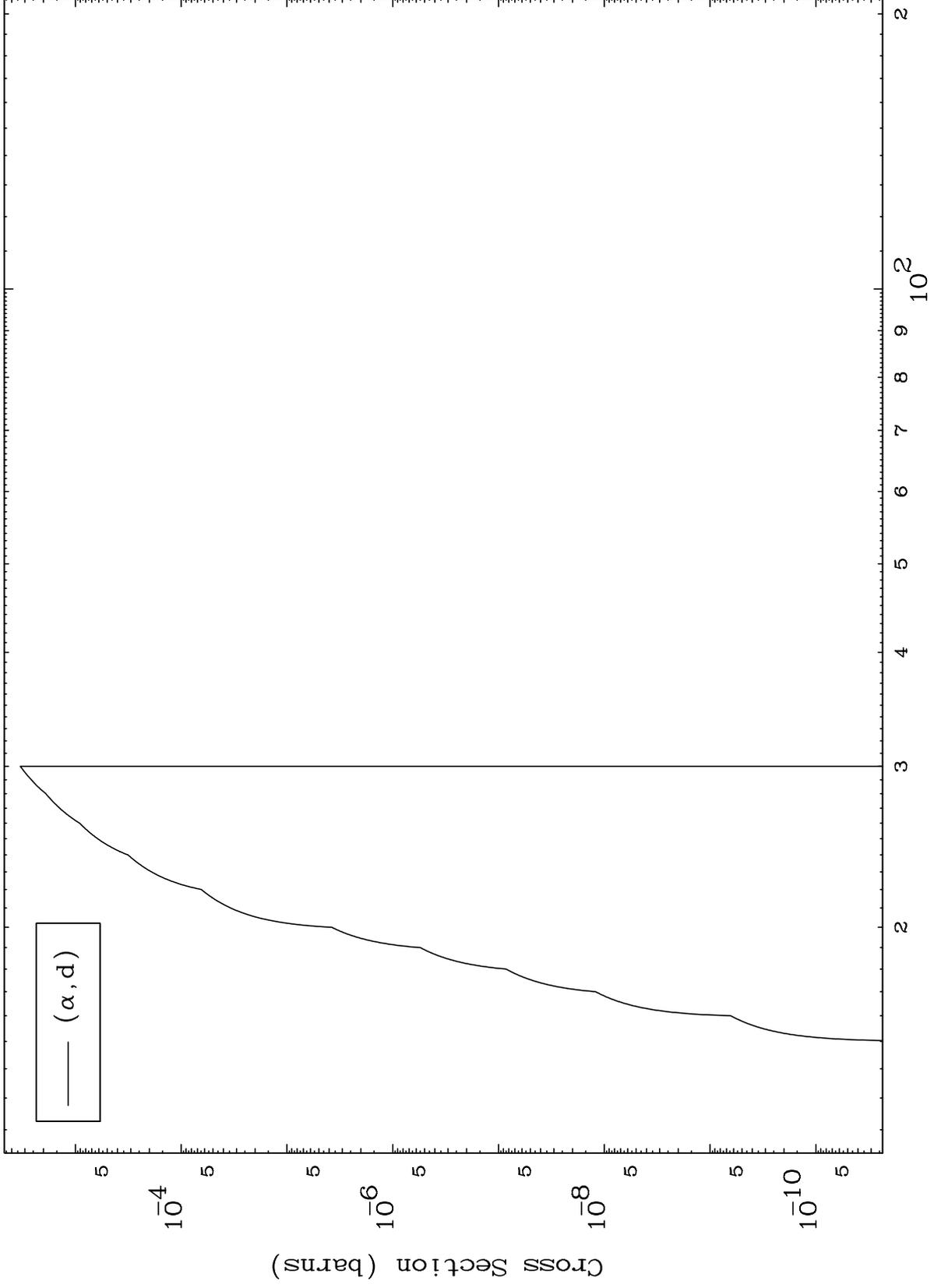
Incident Energy (MeV)

54-Xe-125

MAT 5429

(α, d) Levels
0 Kelvin Cross Sections

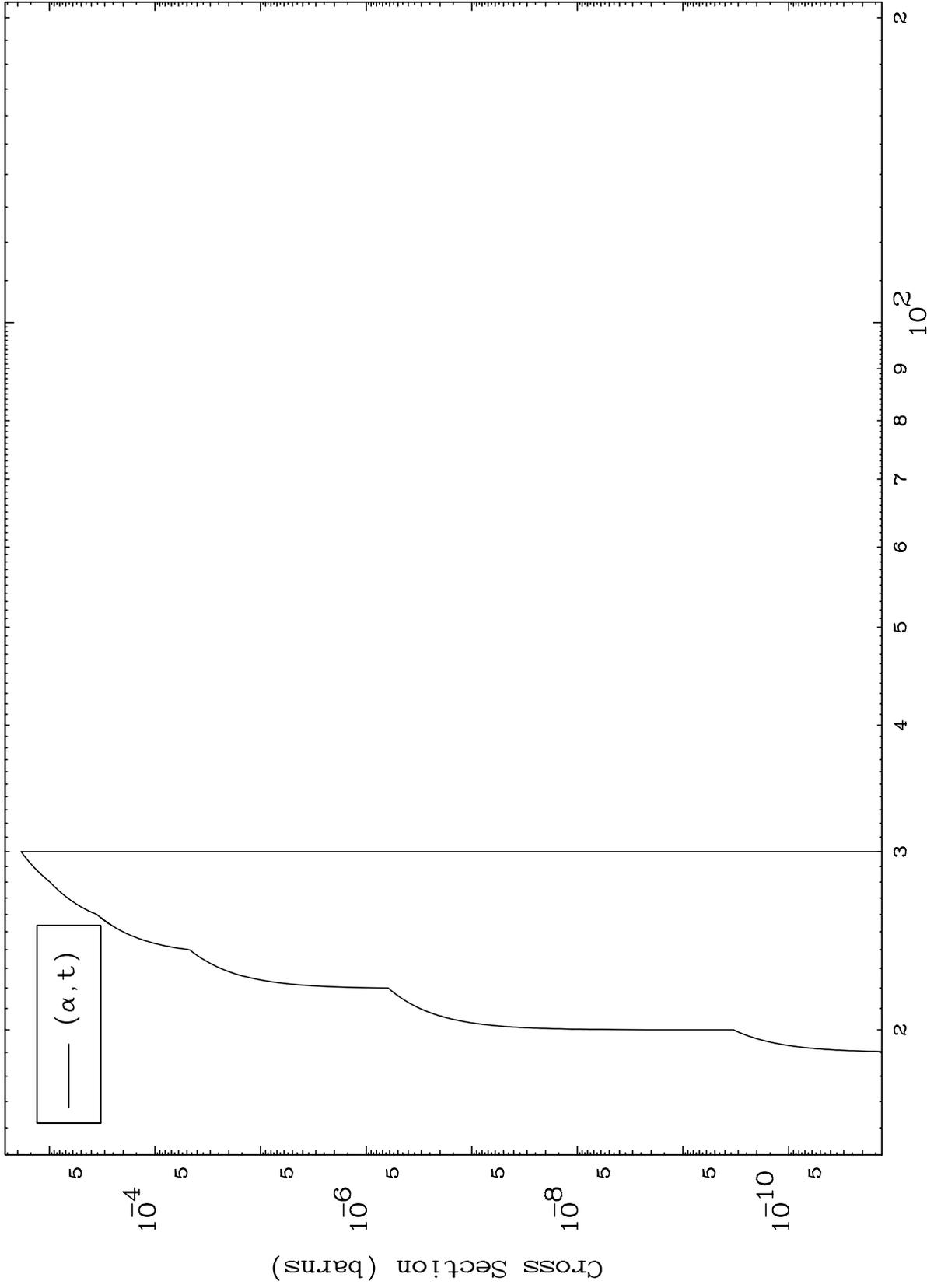
54-Xe-125



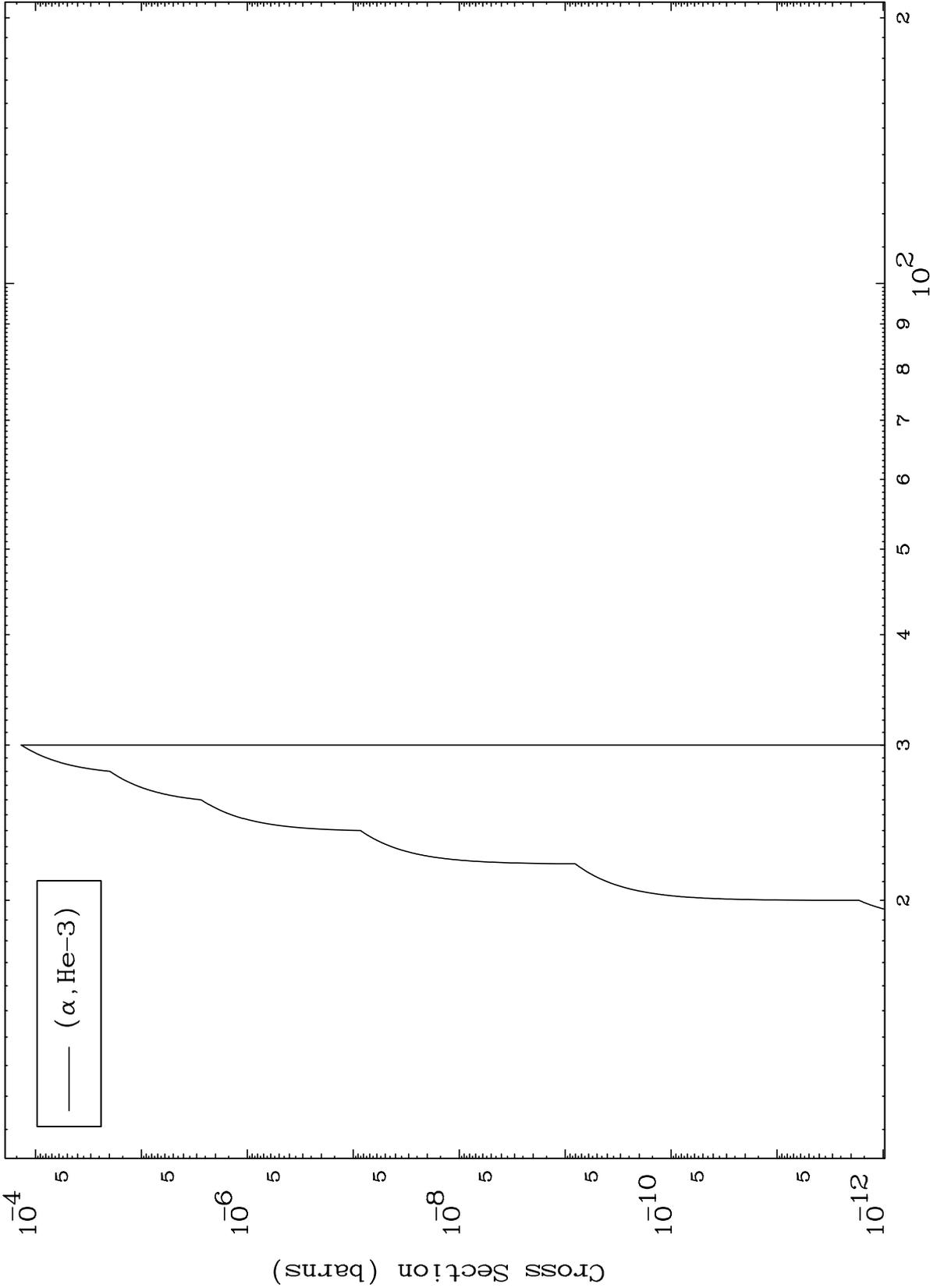
7

Incident Energy (MeV)

54-Xe-125



(α ,He3) Levels
0 Kelvin Cross Sections

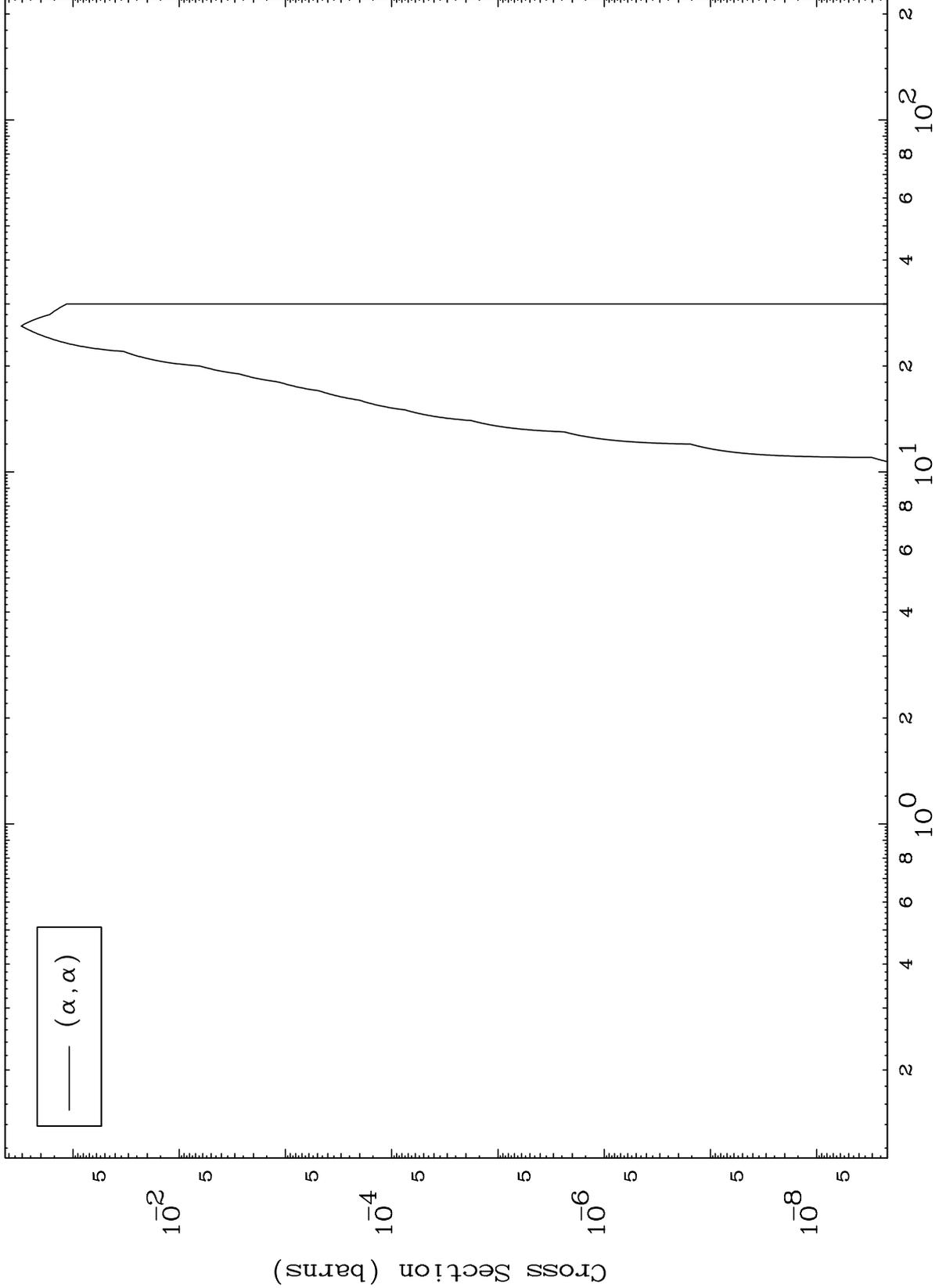


MAT 5429

(α, α) Levels

54-Xe-125

0 Kelvin Cross Sections

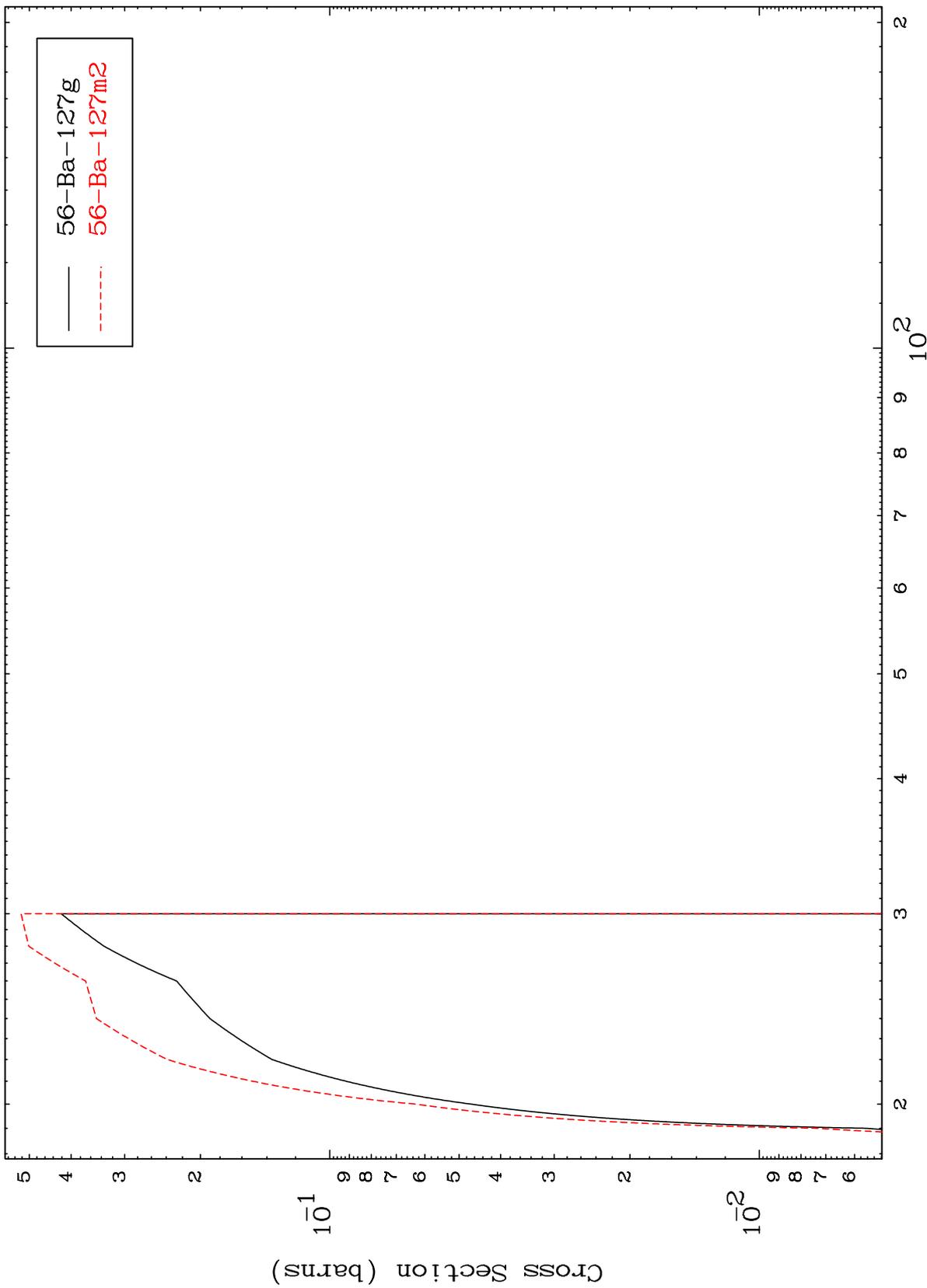


10

Incident Energy (MeV)

54-Xe-125

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

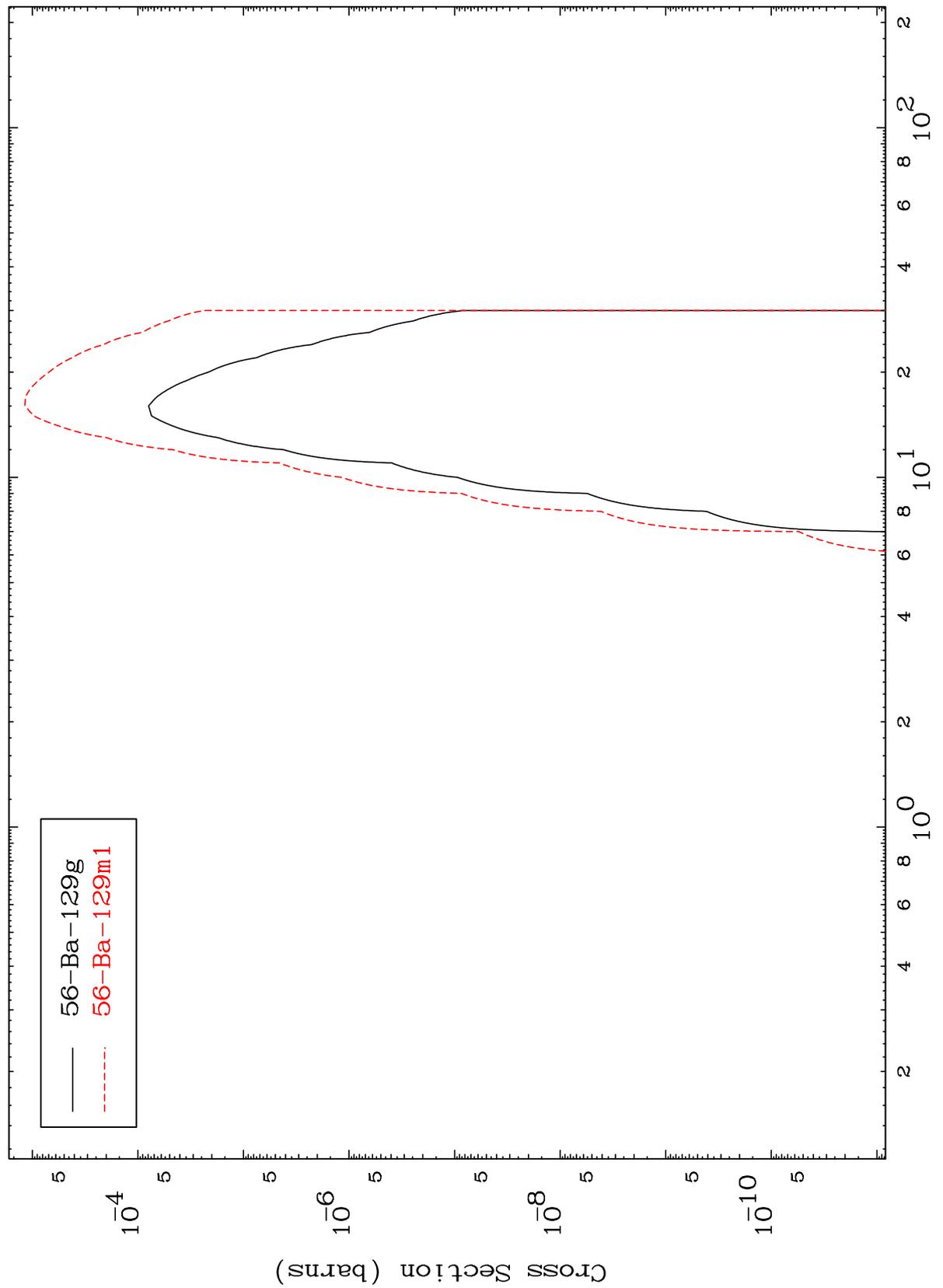


56-Ba-127g
56-Ba-127m2

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54-Xe-125

(α, γ)
Radionuclide Production Cross Section



— 56-Ba-129g
- - - 56-Ba-129m1

12

54-Xe-125

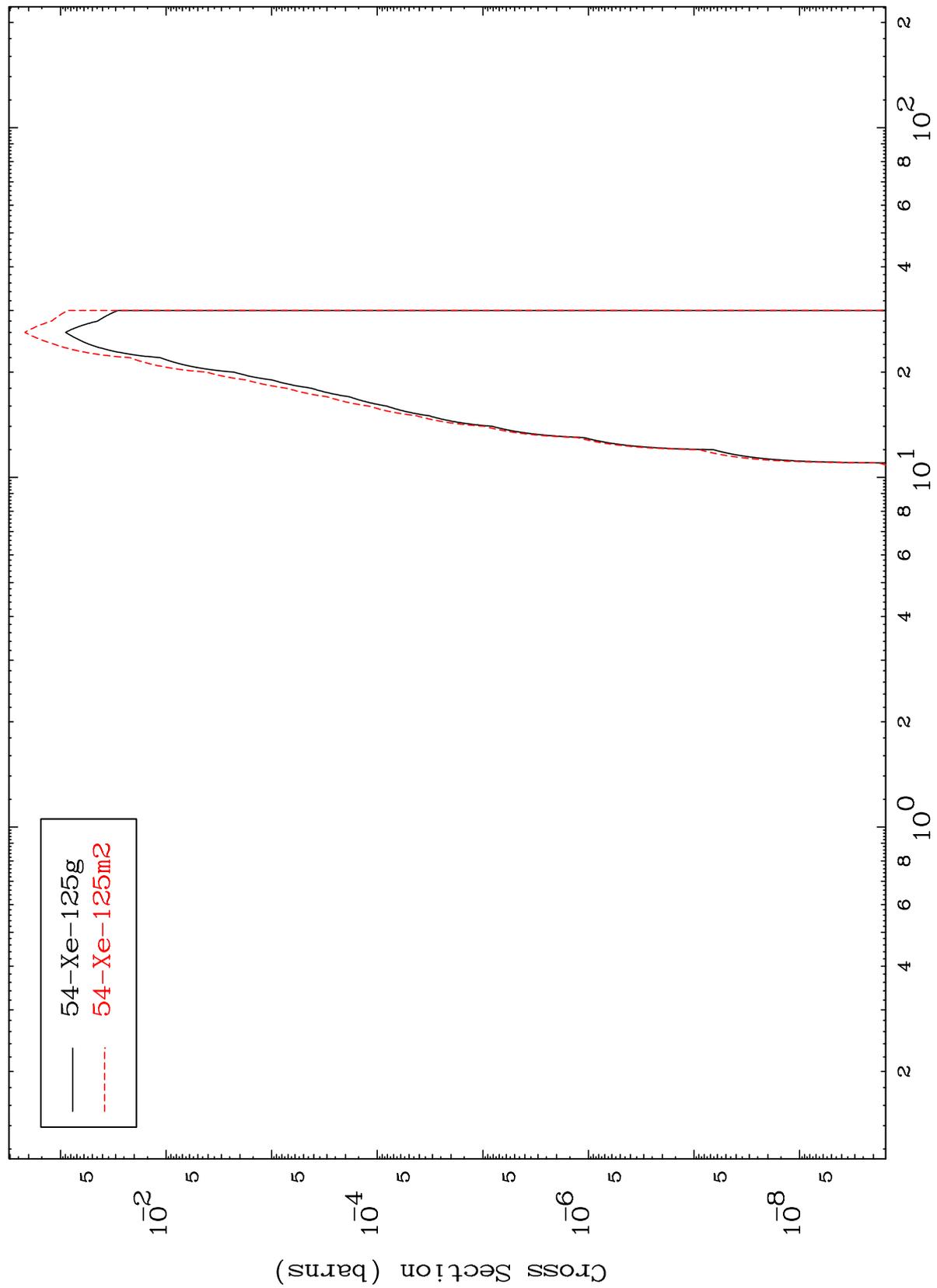
Incident Energy (MeV)

MAT 5429

54-Xe-125

(α, α)

Radionuclide Production Cross Section

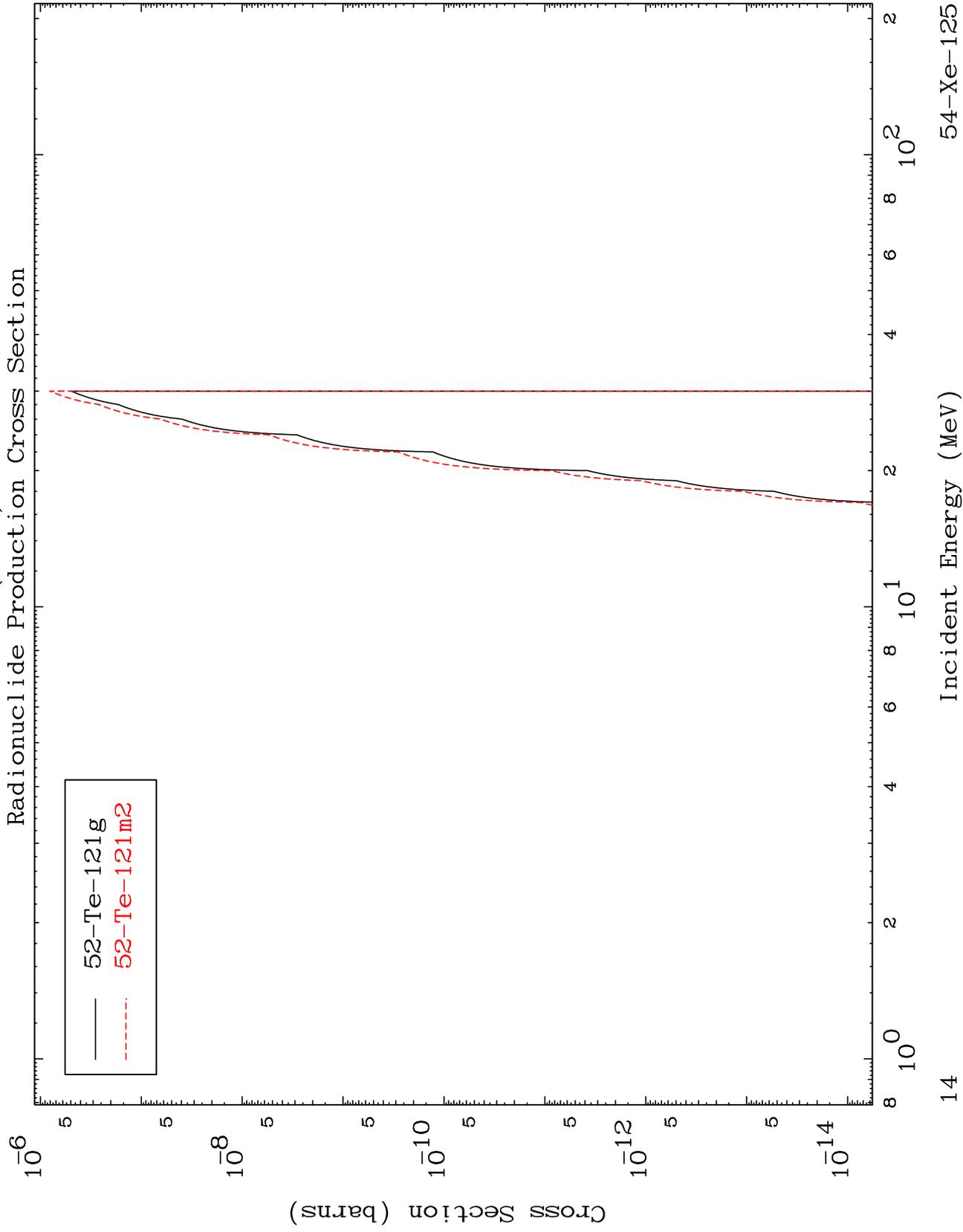


MAT 5429

($\alpha, 2\alpha$)

54-Xe-125

Radionuclide Production Cross Section



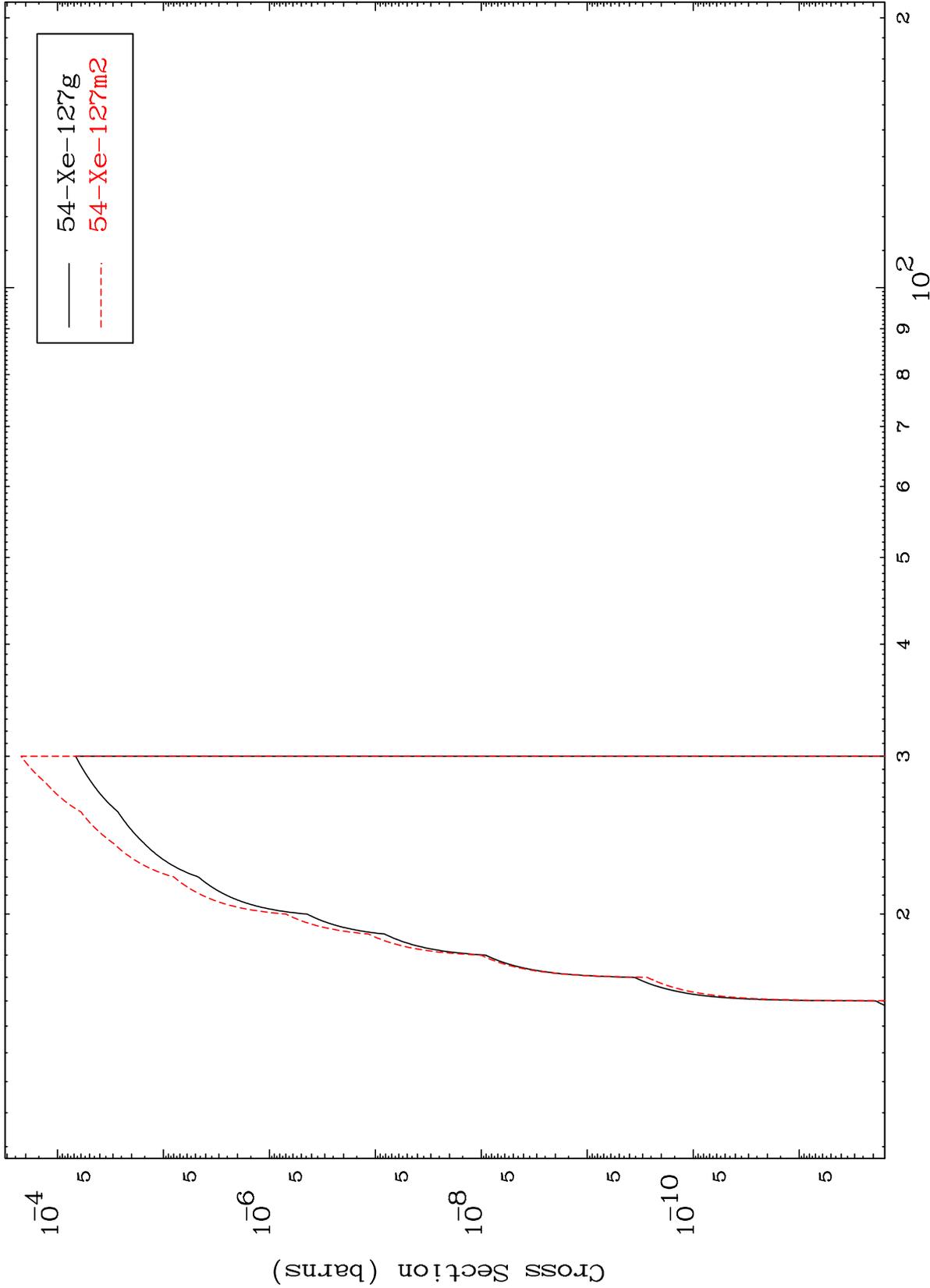
Incident Energy (MeV)

54-Xe-125

MAT 5429

54-Xe-125

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



15

54-Xe-125

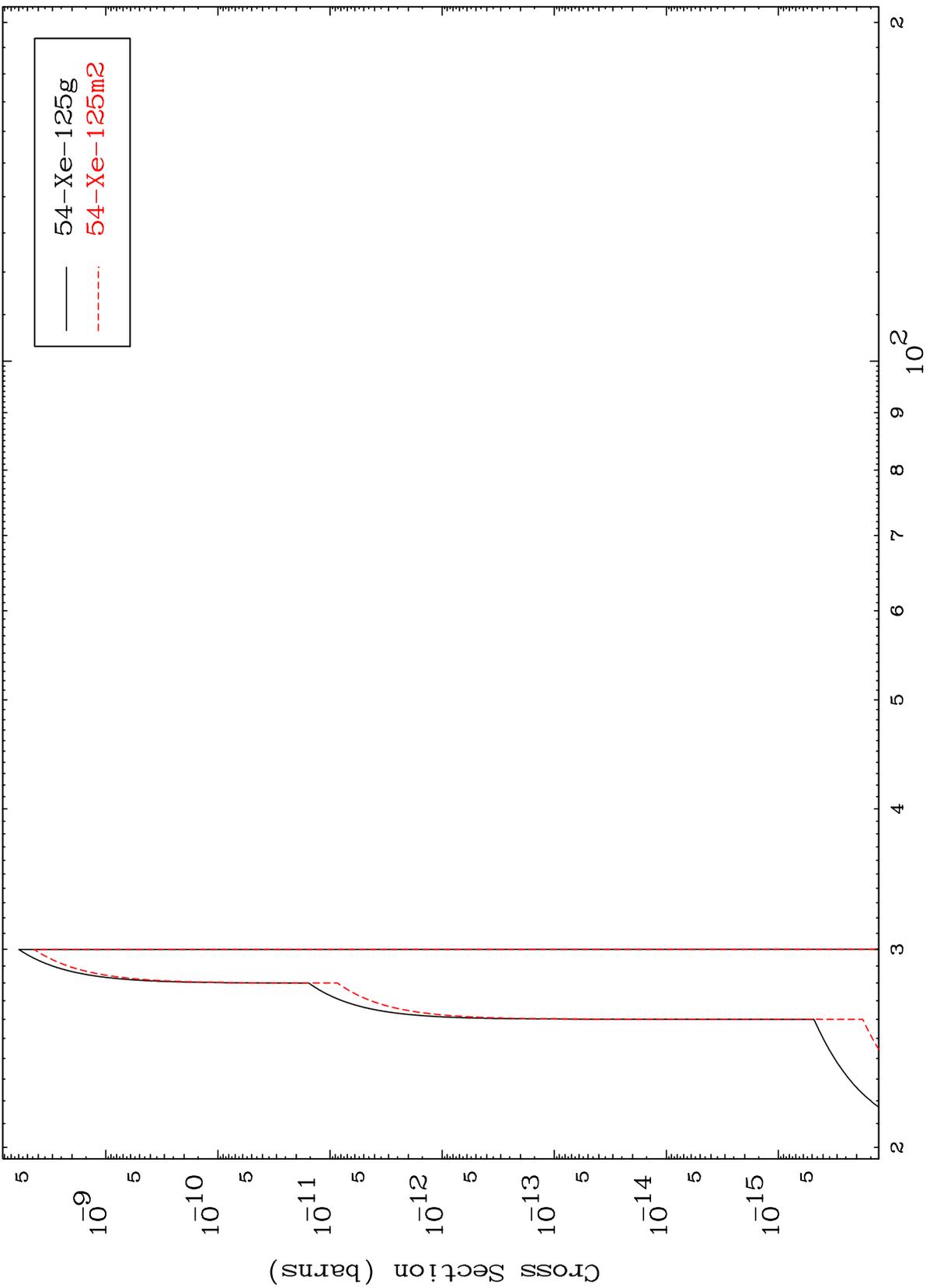
Incident Energy (MeV)

MAT 5429

(α, p) t

54-Xe-125

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-125