

Program EVALPLOT
(Version 2018-1)

by

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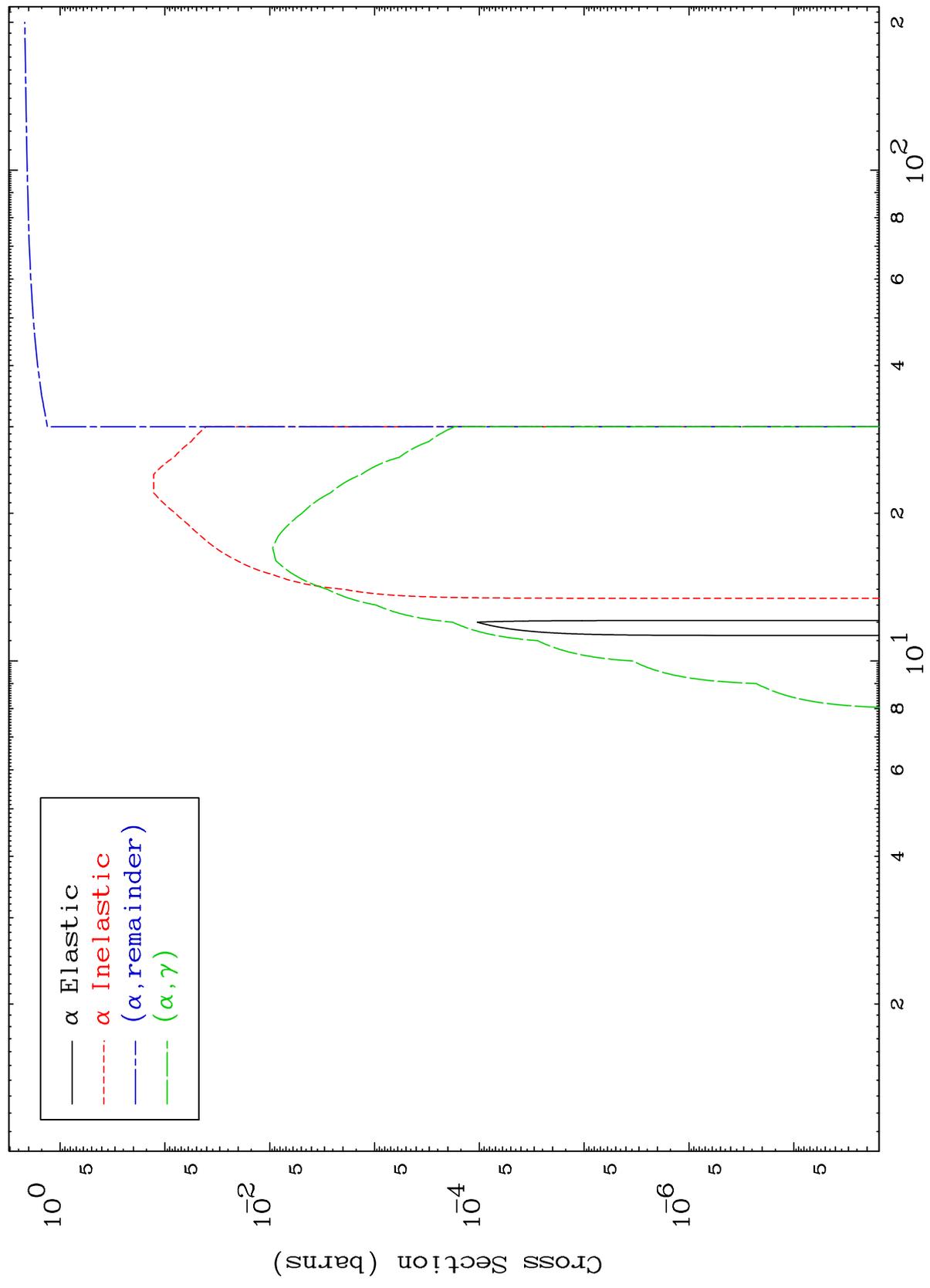
Press Mouse Button to Start

MAT 5407

0 Kelvin

α Major Cross Sections

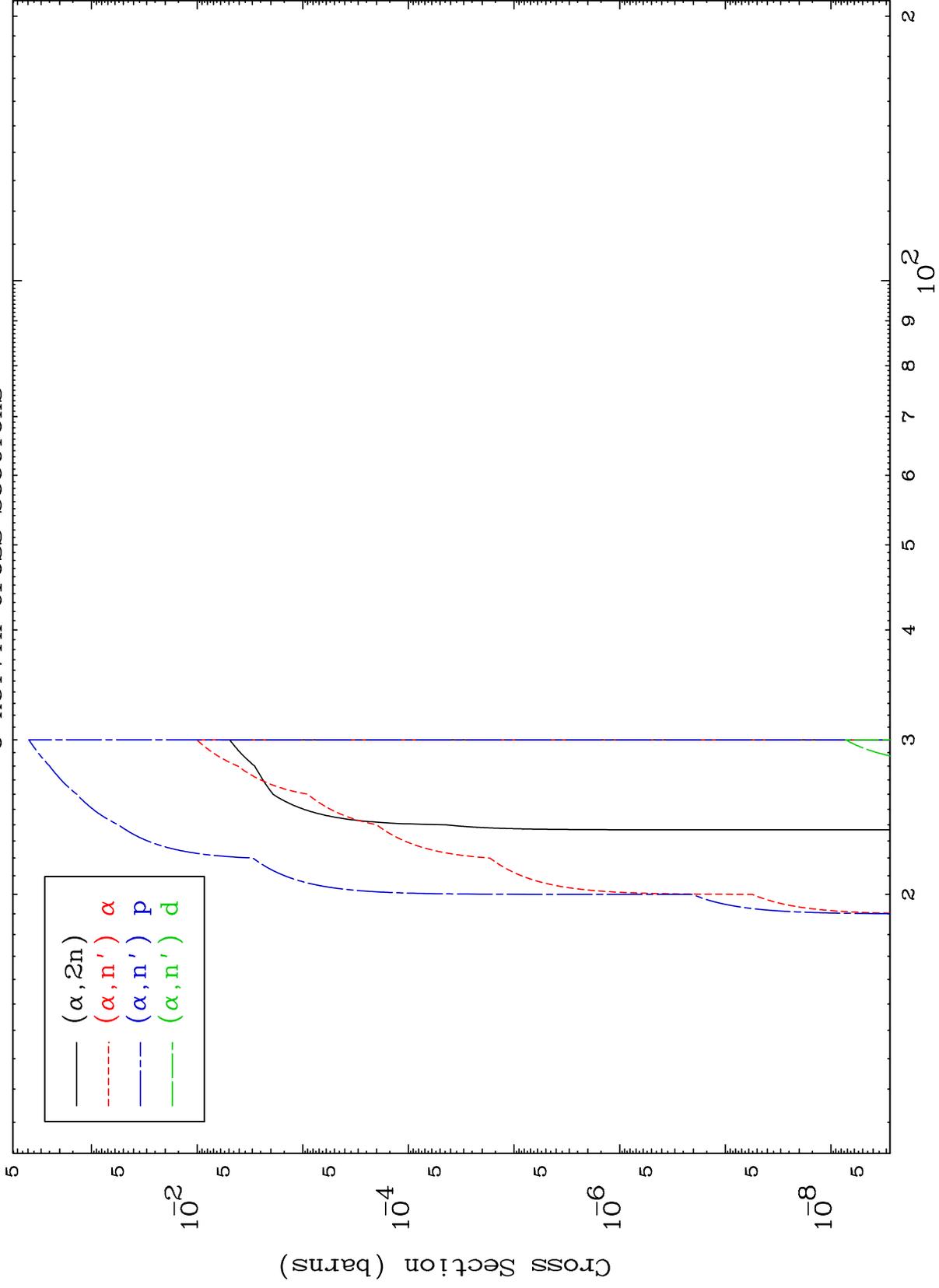
54-Xe-118

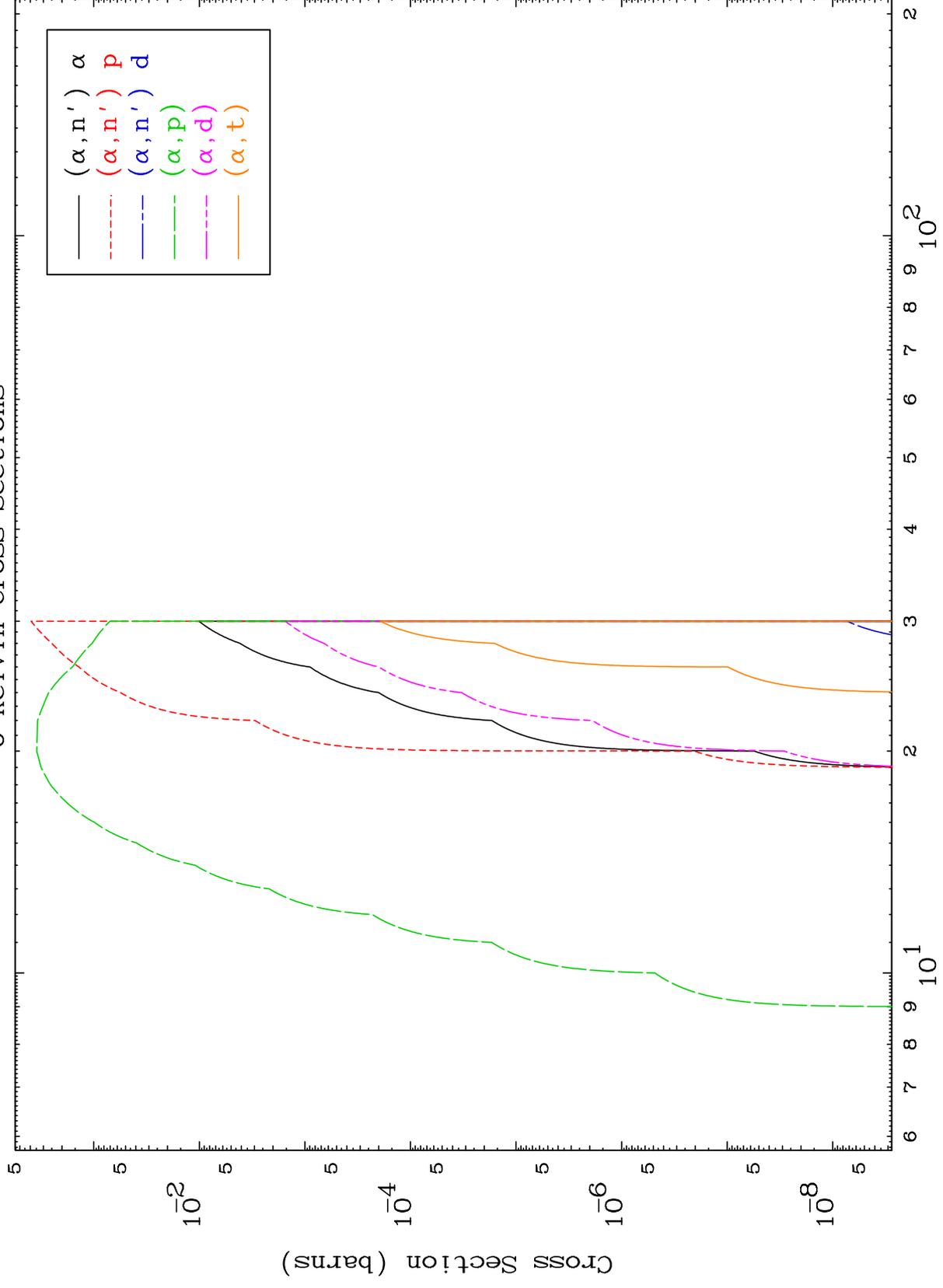


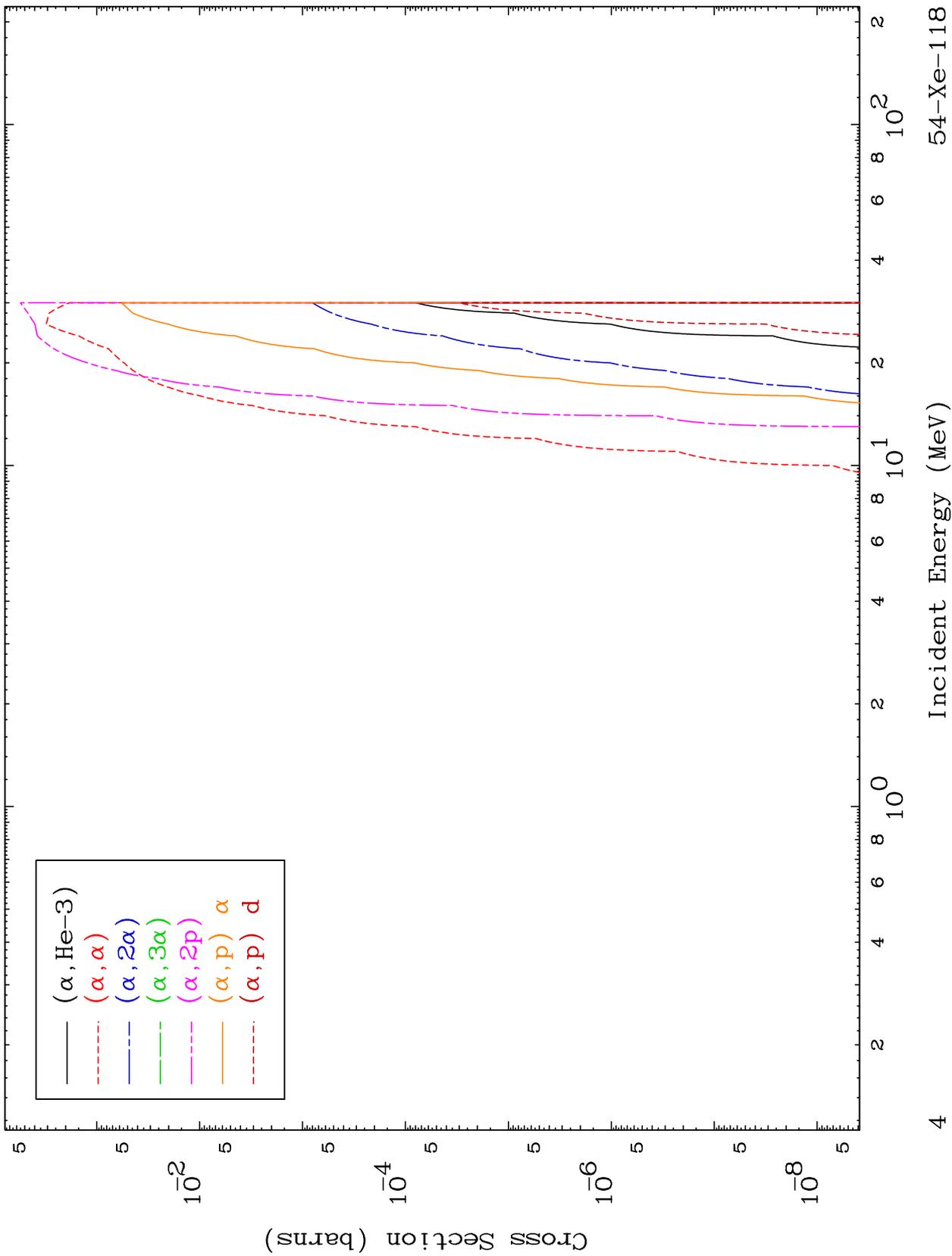
1

Incident Energy (MeV)

54-Xe-118



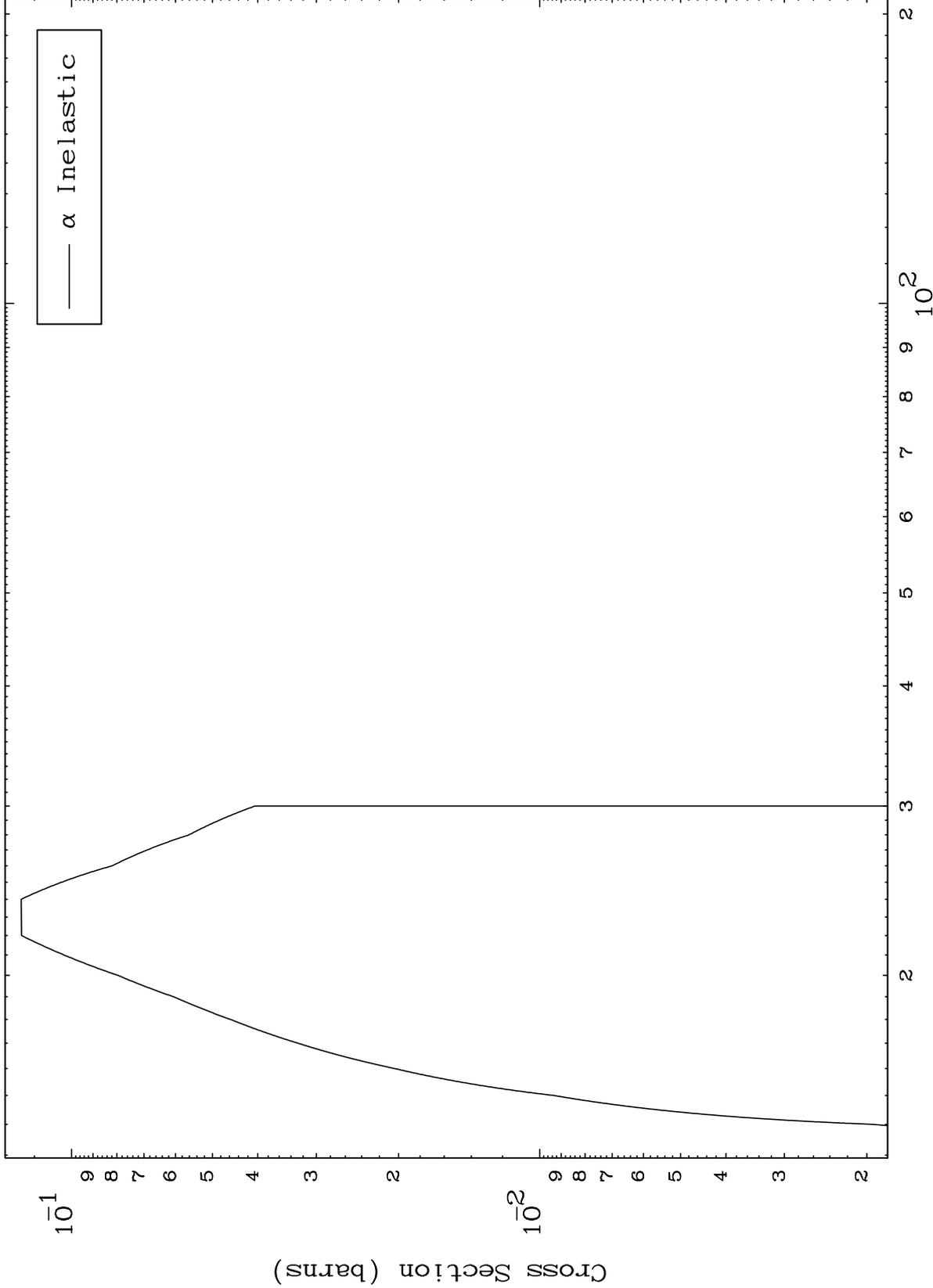




MAT 5407

(α, n') Level
0 Kelvin Cross Sections

54-Xe-118



5

Incident Energy (MeV)

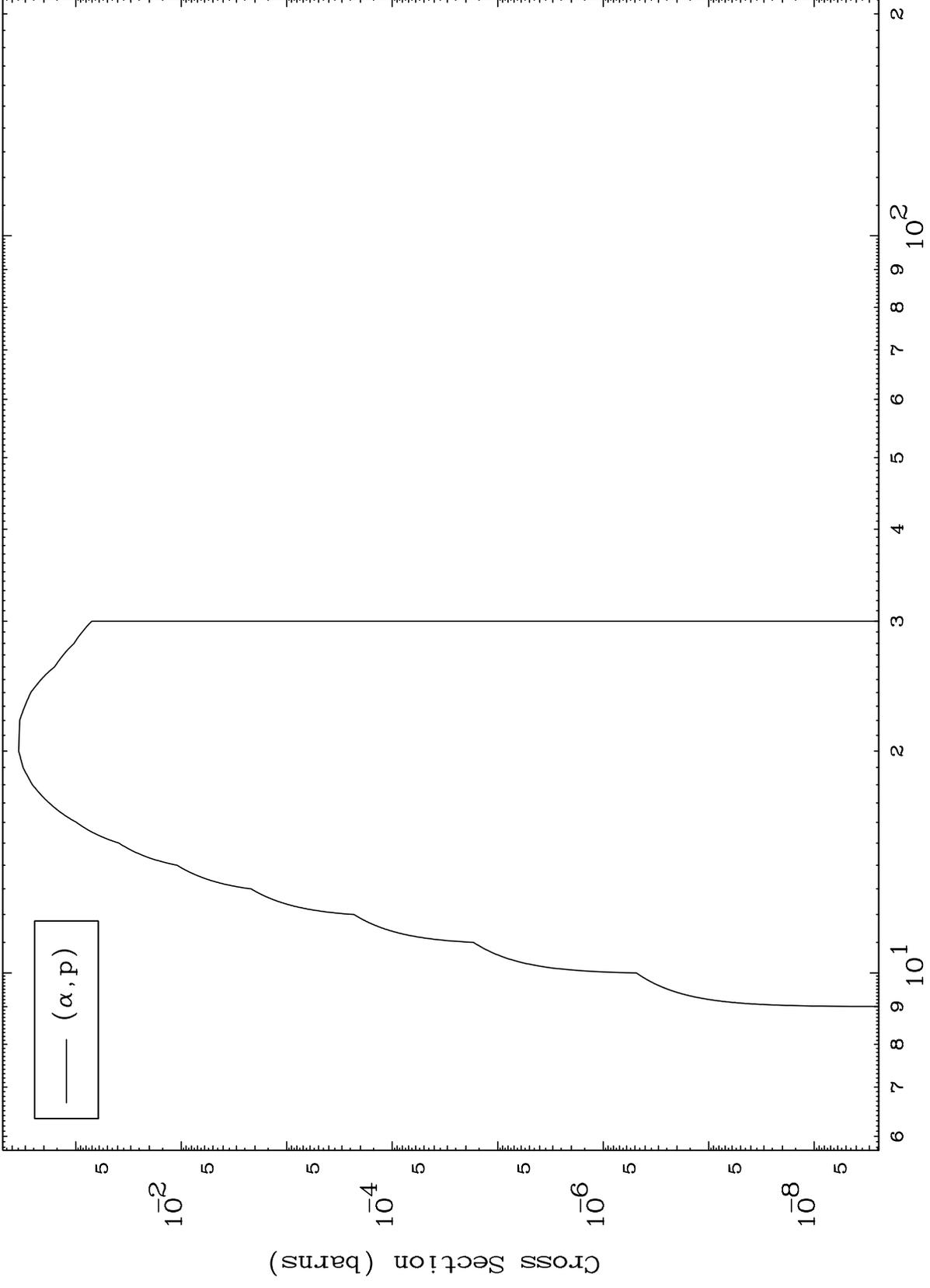
54-Xe-118

MAT 5407

(α, p) Levels

54-Xe-118

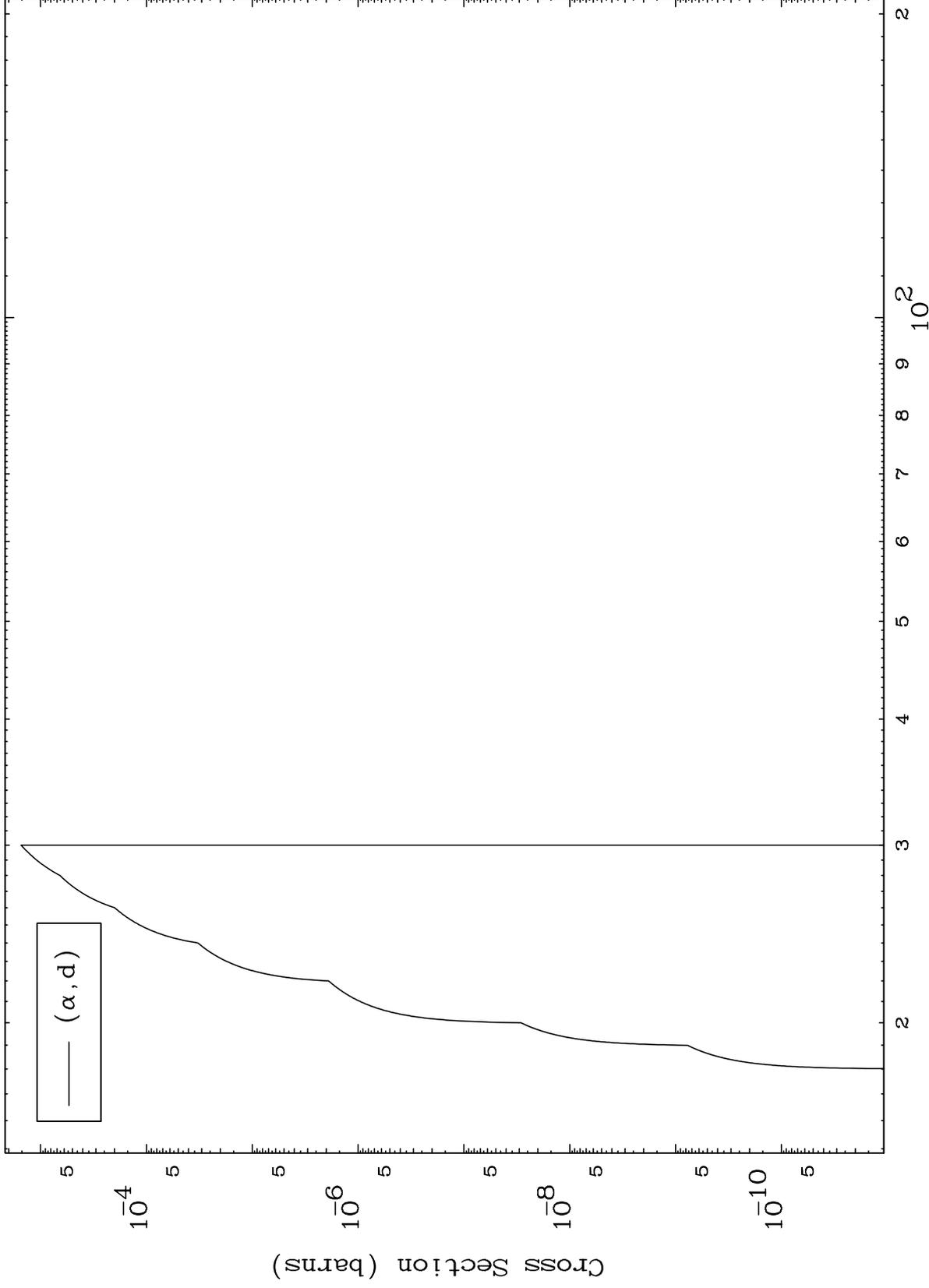
0 Kelvin Cross Sections



6

Incident Energy (MeV)

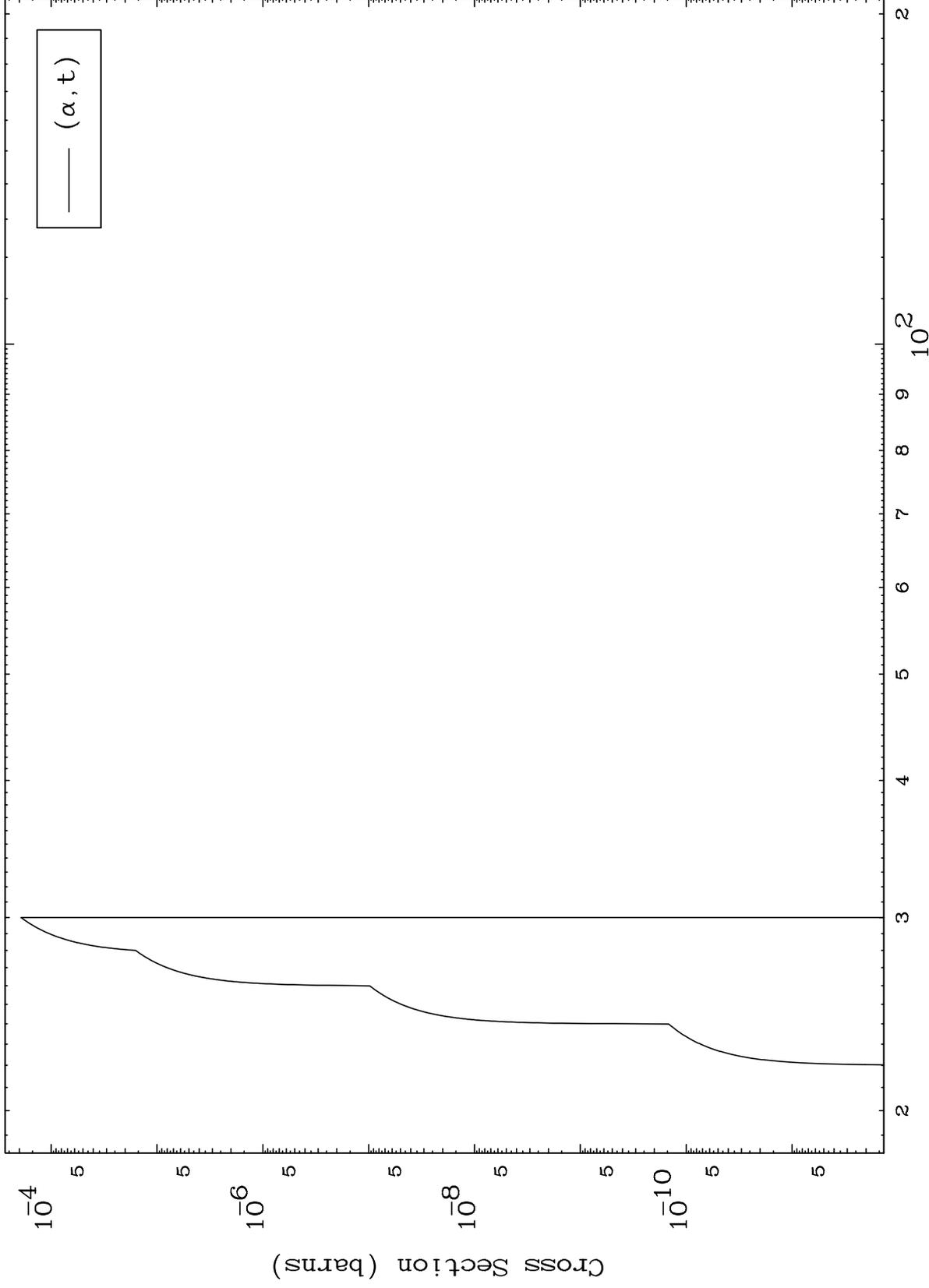
54-Xe-118



MAT 5407

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-118



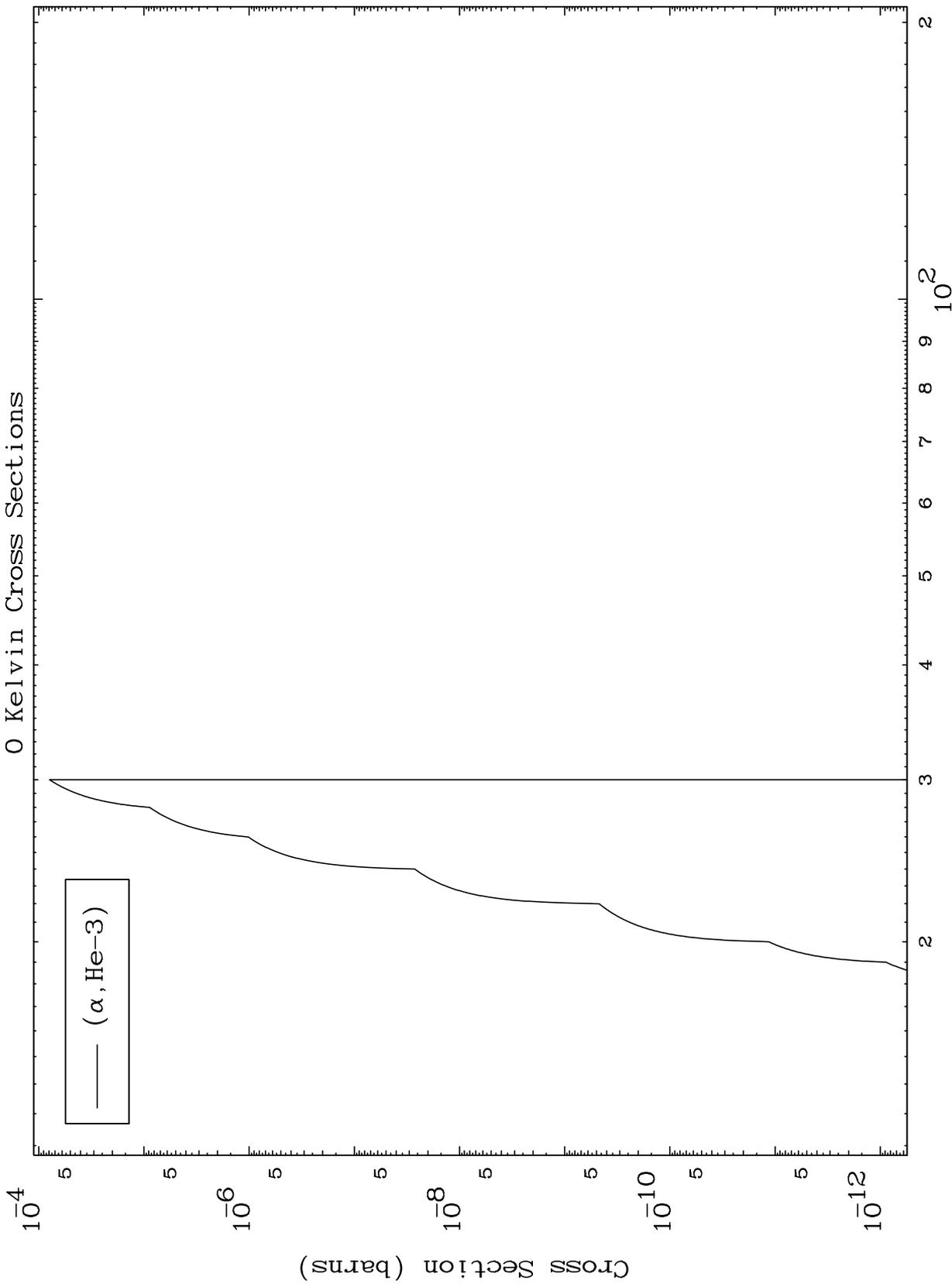
(α, t)

8

Incident Energy (MeV)

54-Xe-118

(α , He3) Levels
0 Kelvin Cross Sections

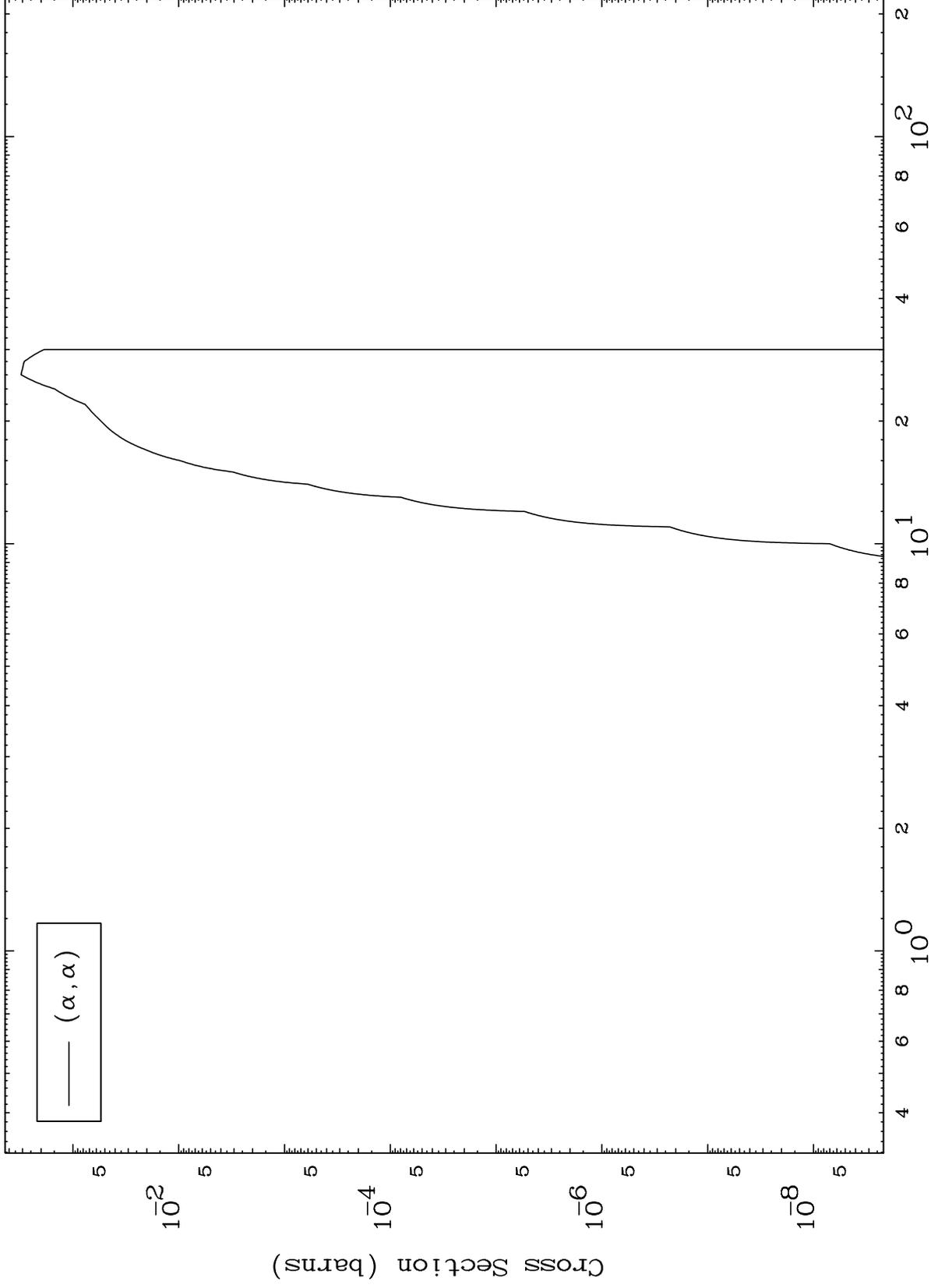


MAT 5407

(α, α) Levels

54-Xe-118

0 Kelvin Cross Sections

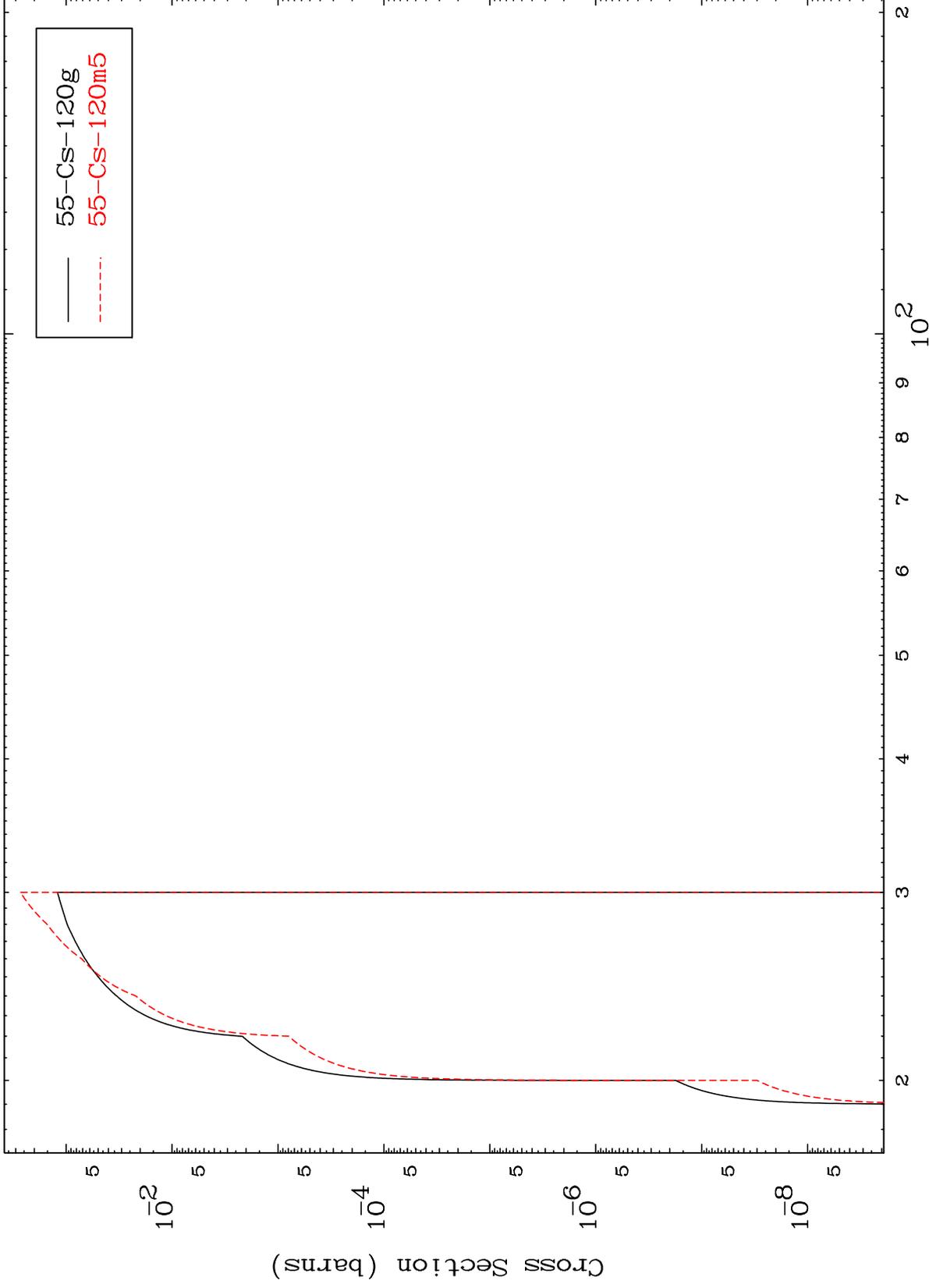


10

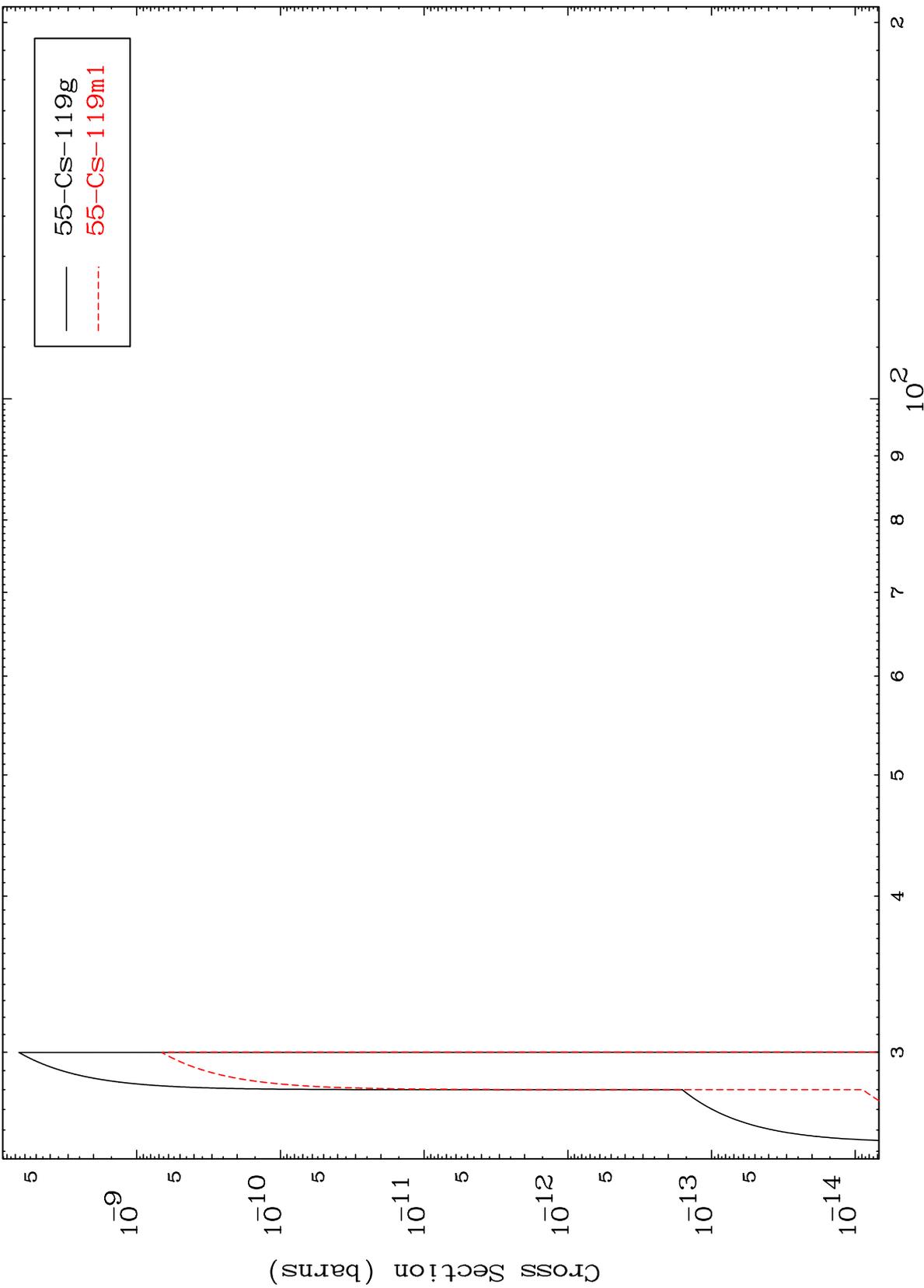
Incident Energy (MeV)

54-Xe-118

Radionuclide Production Cross Section



Radionuclide Production Cross Section



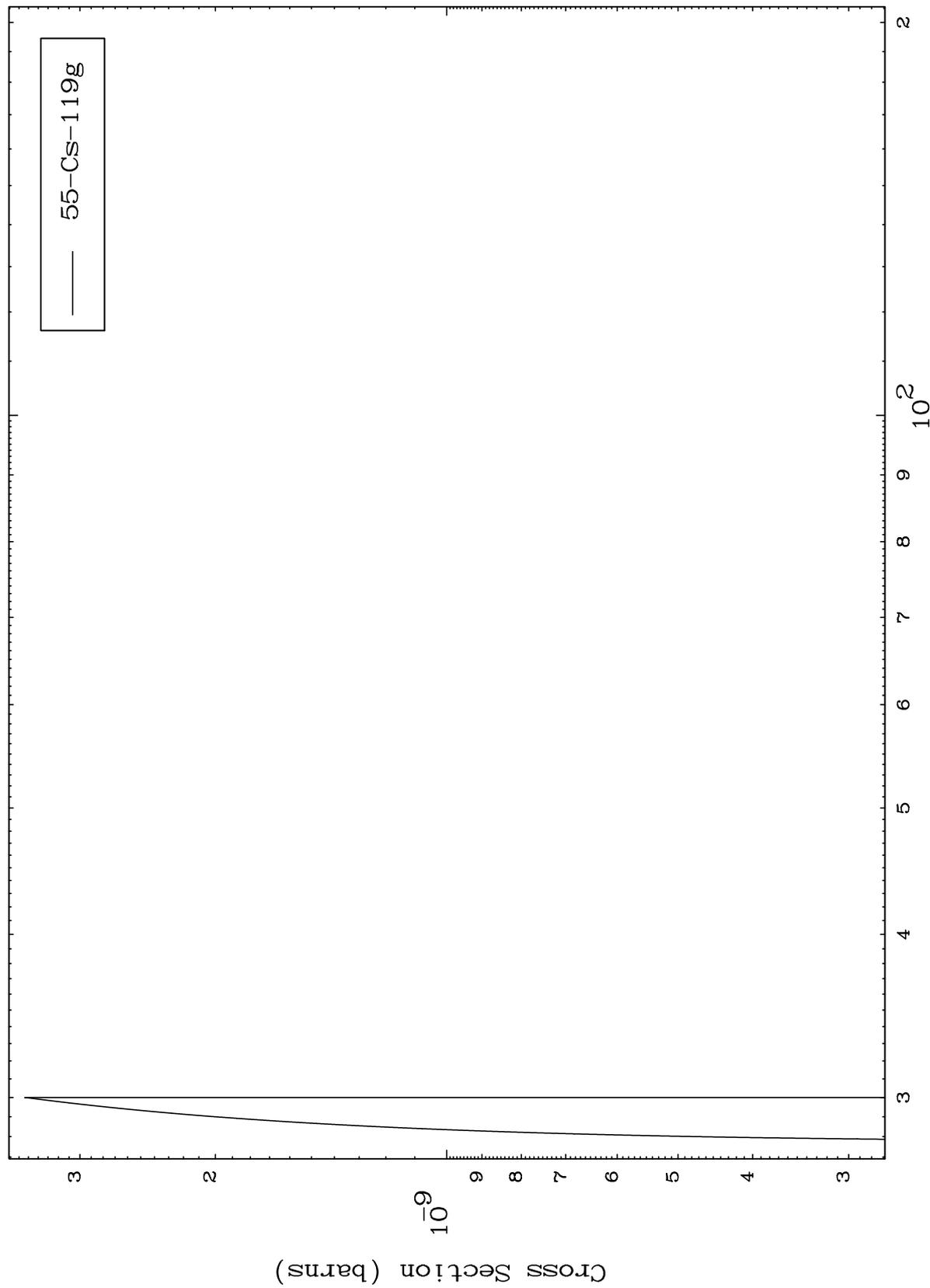
55-Cs-119g
55-Cs-119m1

MAT 5407

($\alpha, 2n$) p

54-Xe-118

Radionuclide Production Cross Section



13

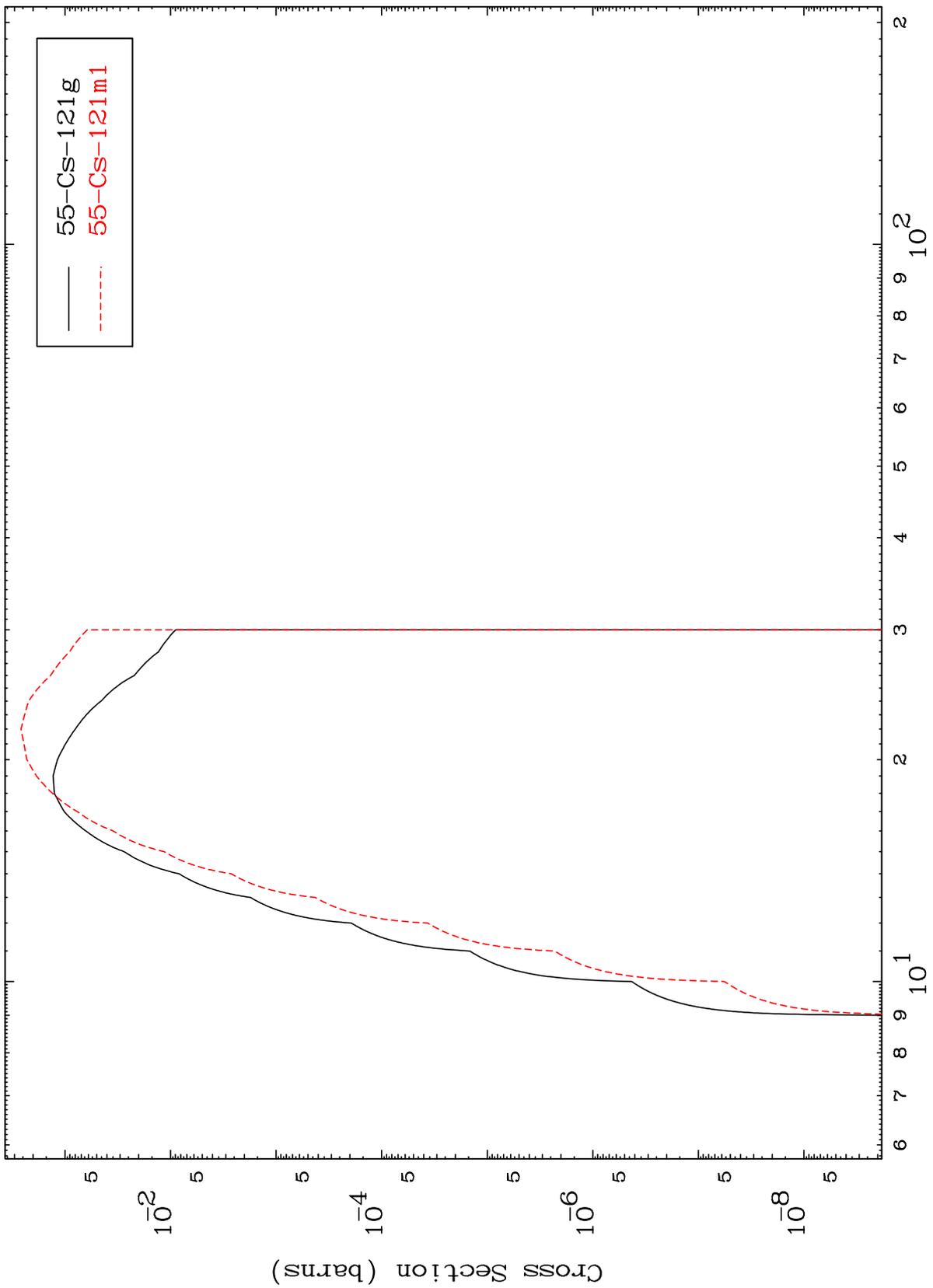
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

(α, p)
Radionuclide Production Cross Section



14

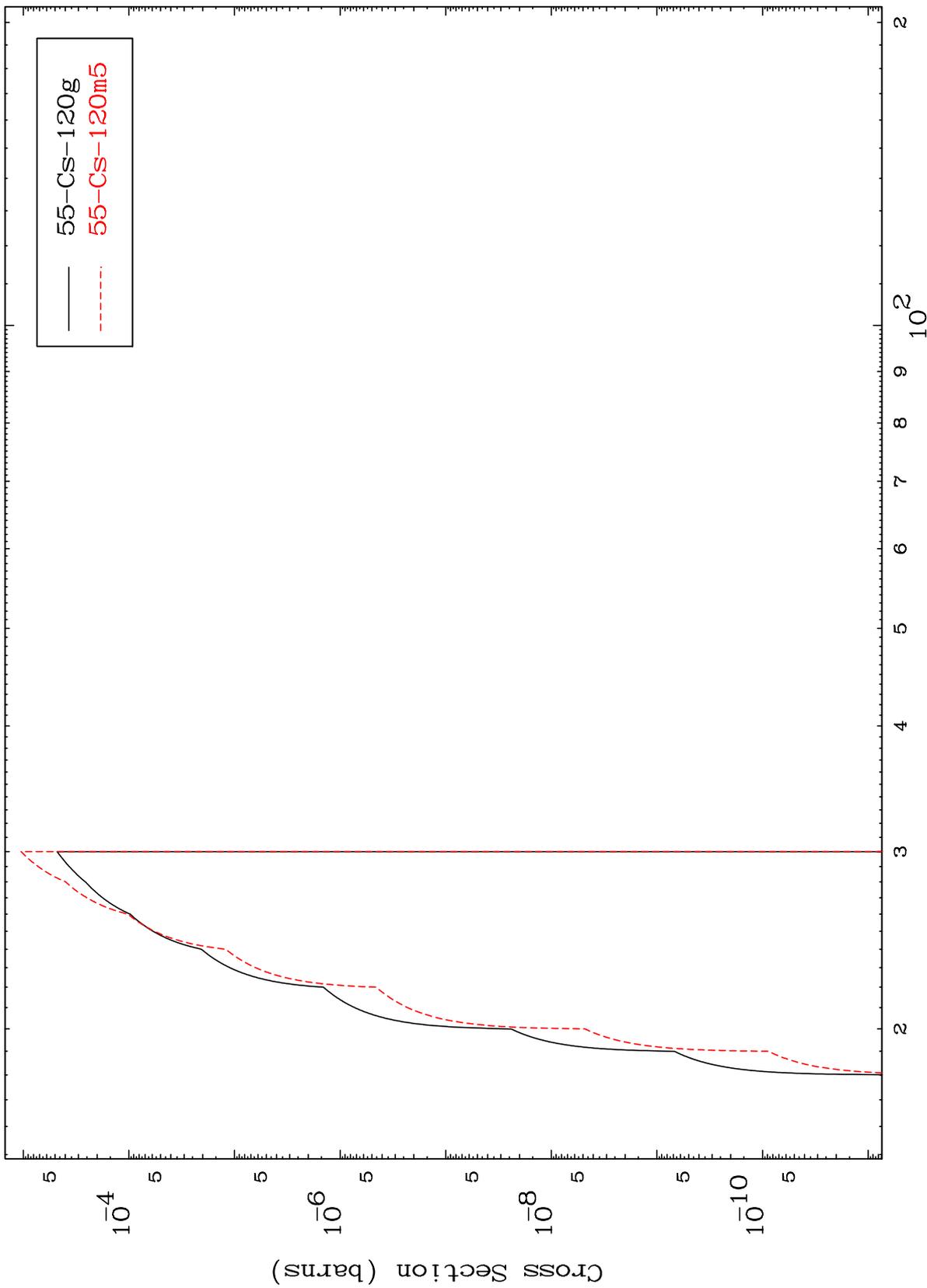
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

(α, d)
Radionuclide Production Cross Section



15

54-Xe-118

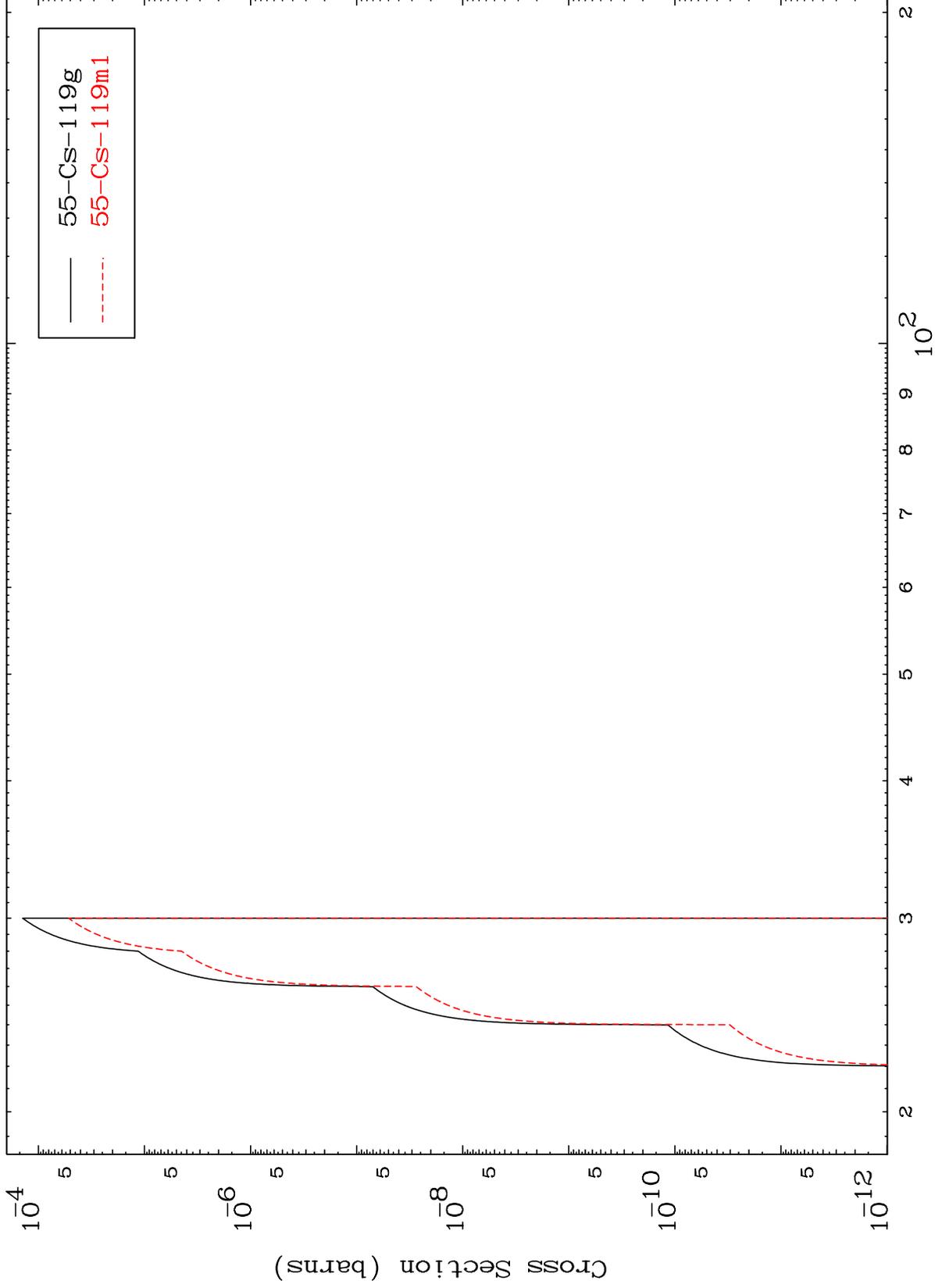
Incident Energy (MeV)

MAT 5407

(α, t)

54-Xe-118

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-118