

Program EVALPLOT
(Version 2021-1)

by

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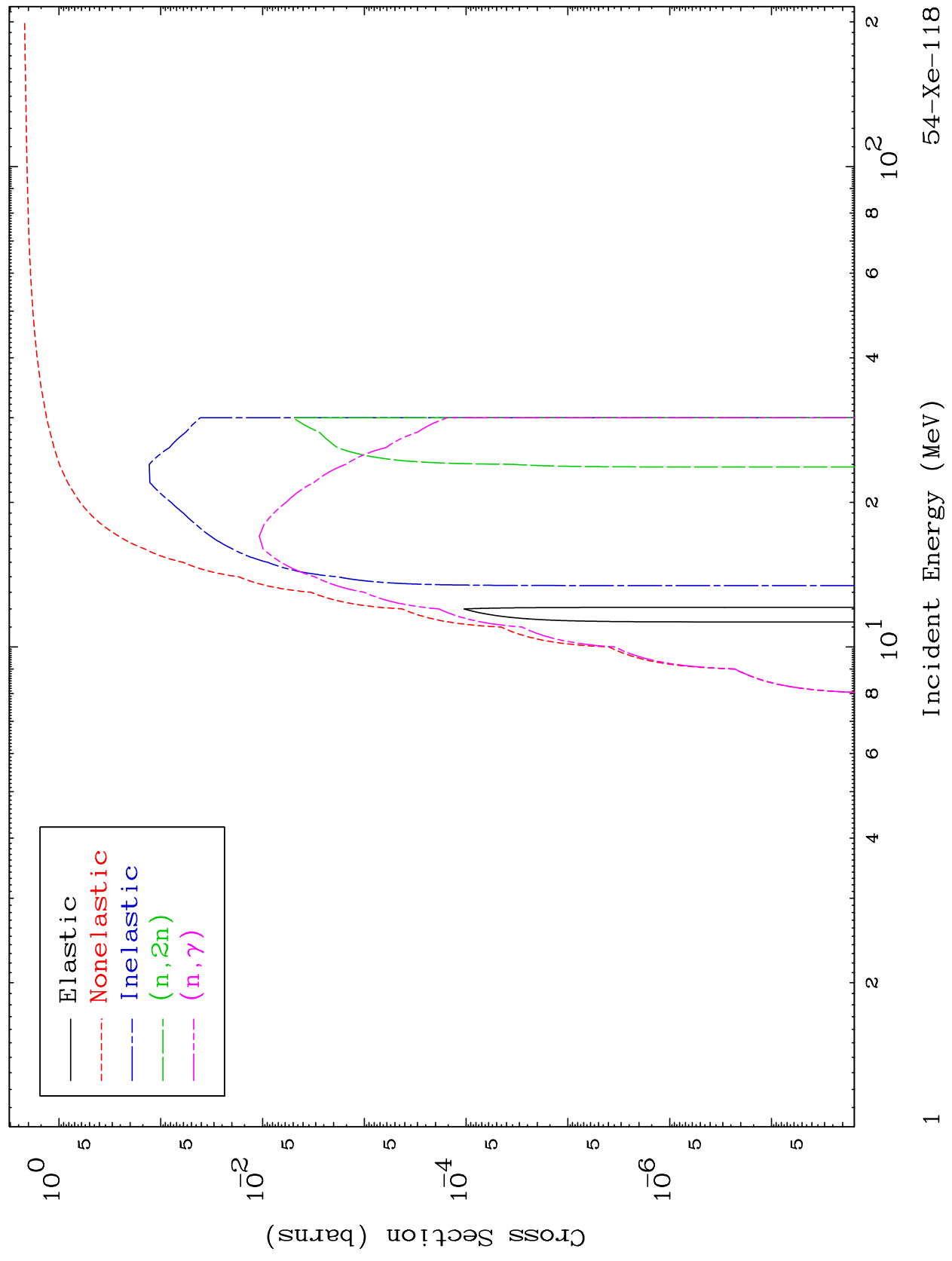
Press Mouse Button to Start

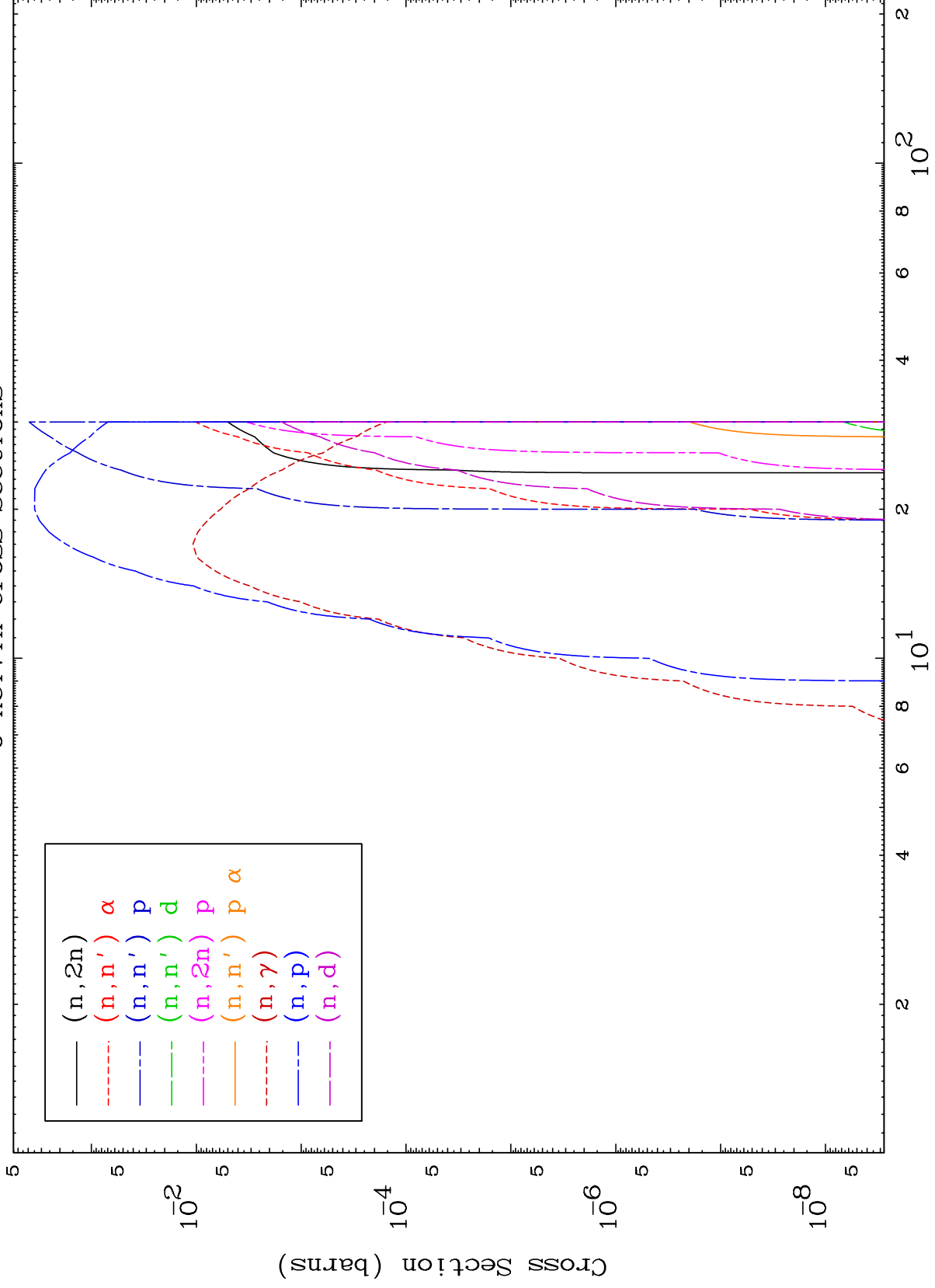
MAT 5407

0 Kelvin

Major Cross Sections

54-Xe-118

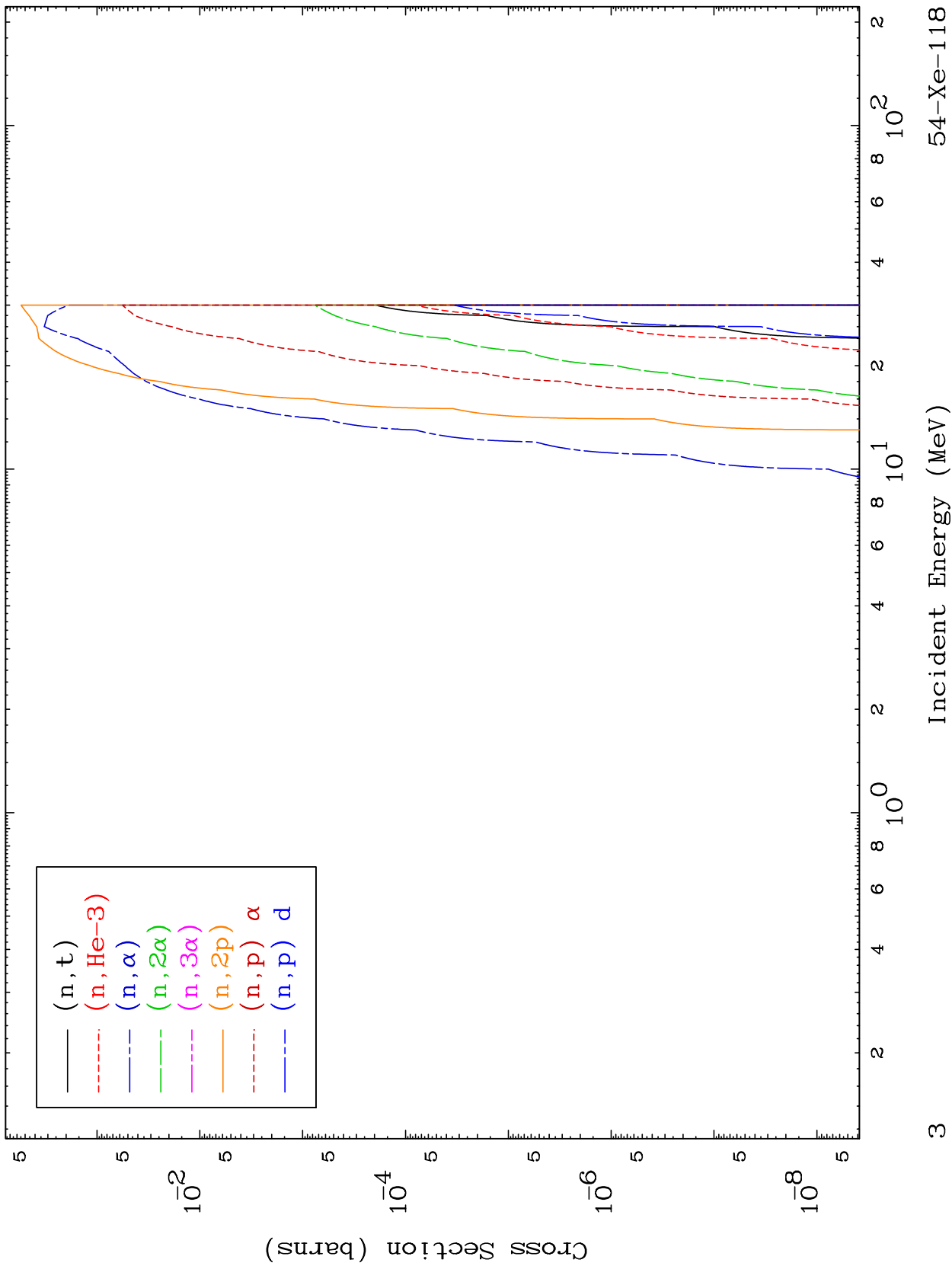


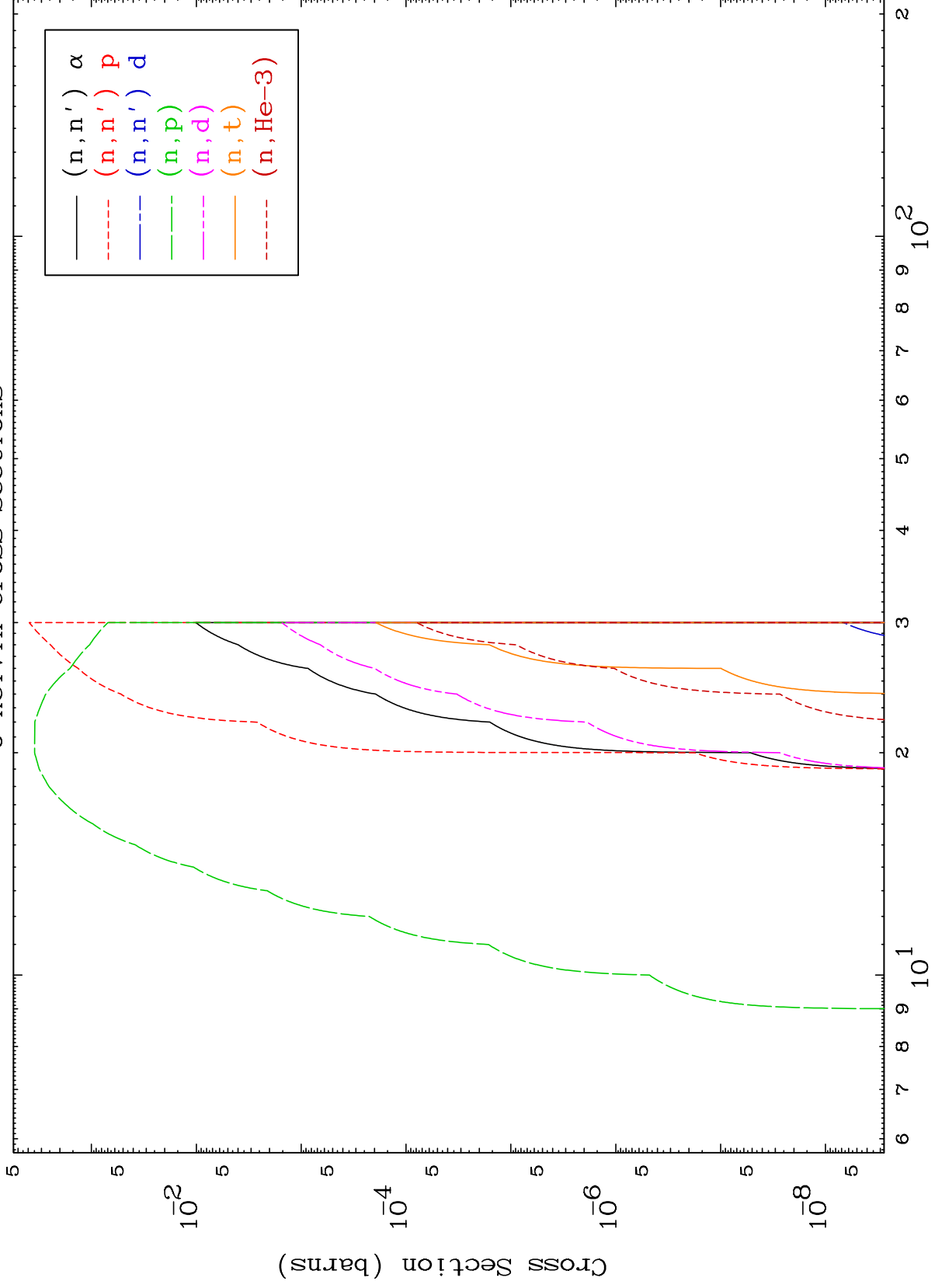


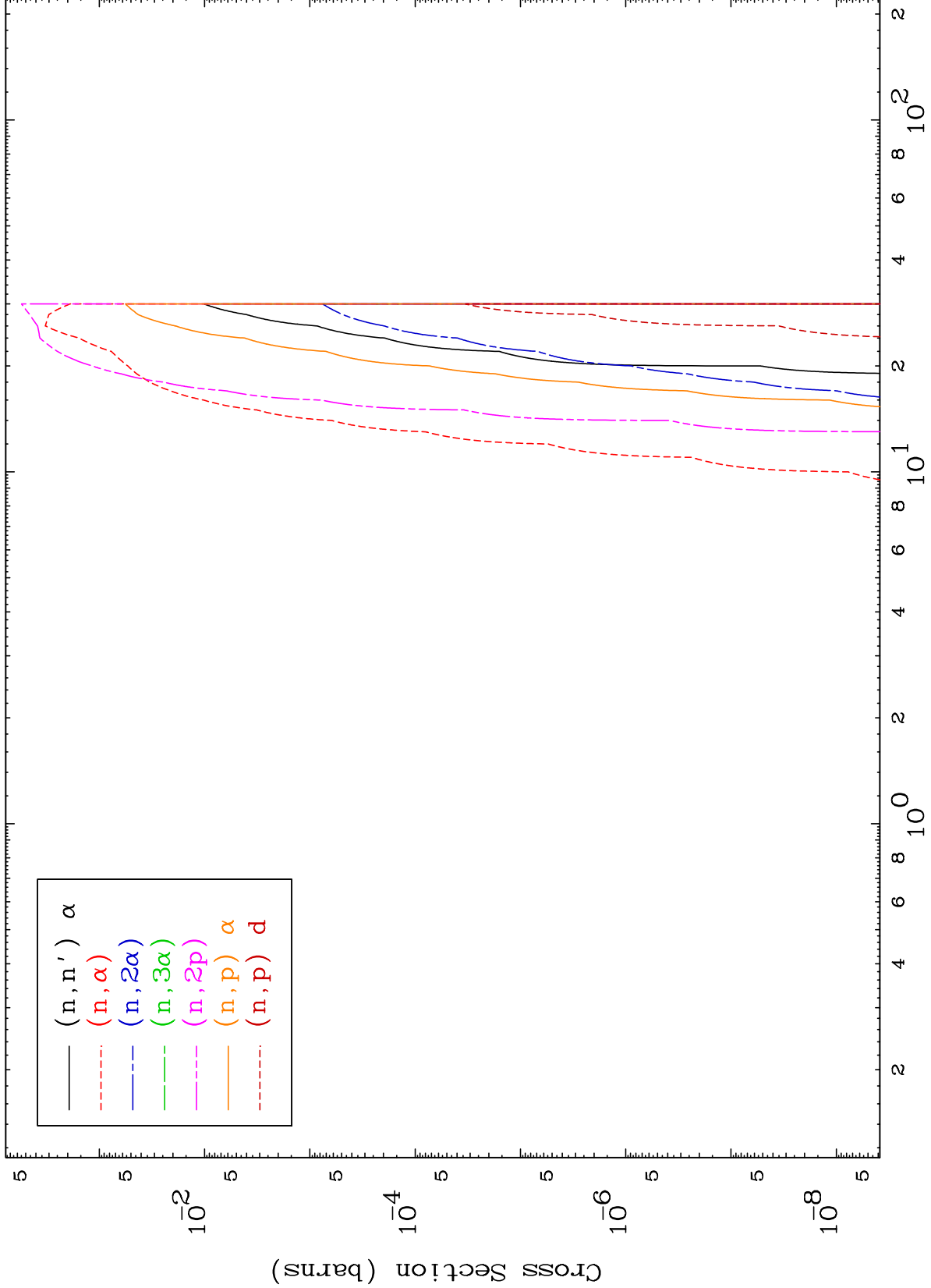
MAT 5407

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-118





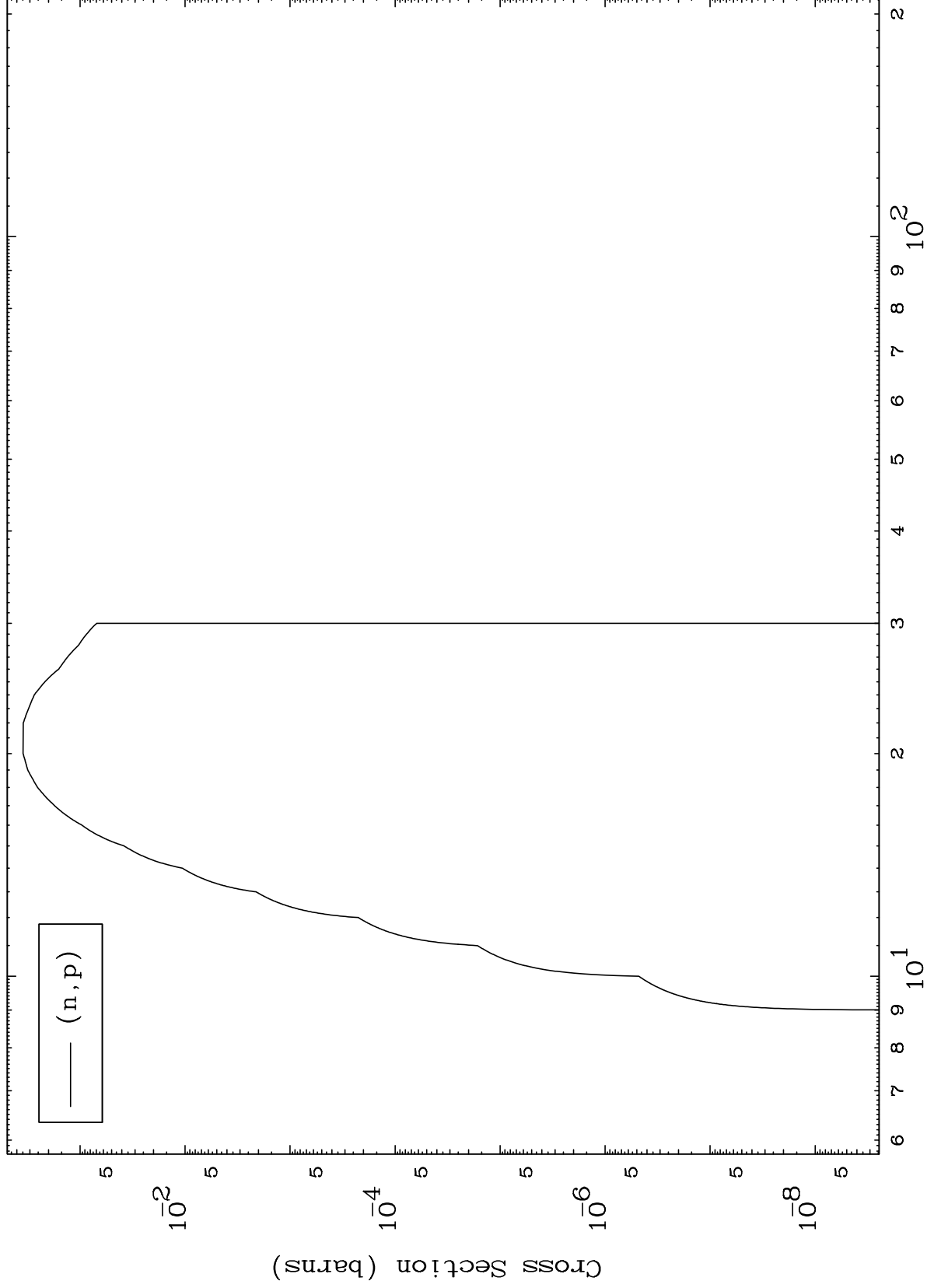


MAT 5407

(α, p) Levels

54-Xe-118

0 Kelvin Cross Sections



6

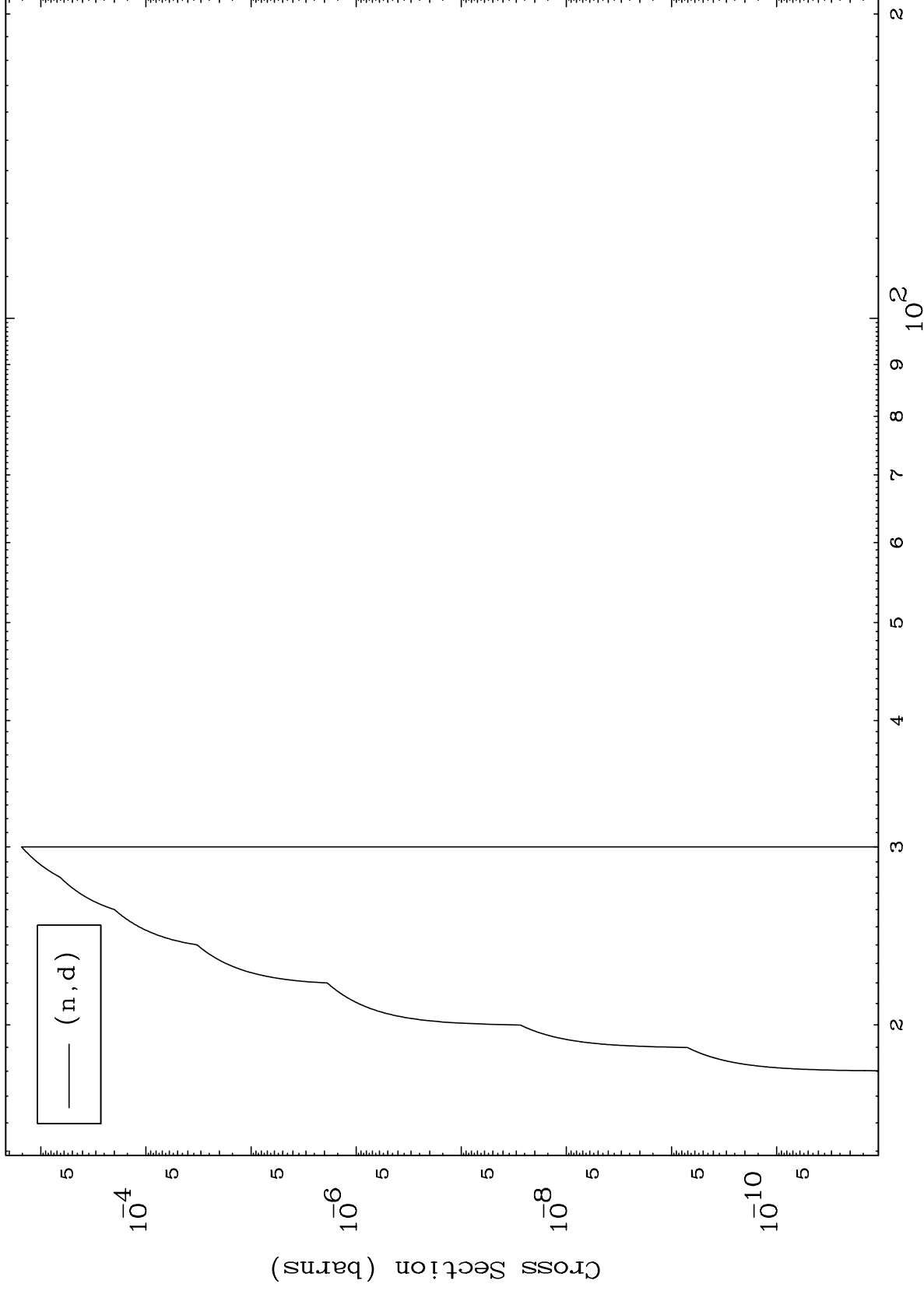
Incident Energy (MeV)

54-Xe-118

MAT 5407

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-118



7

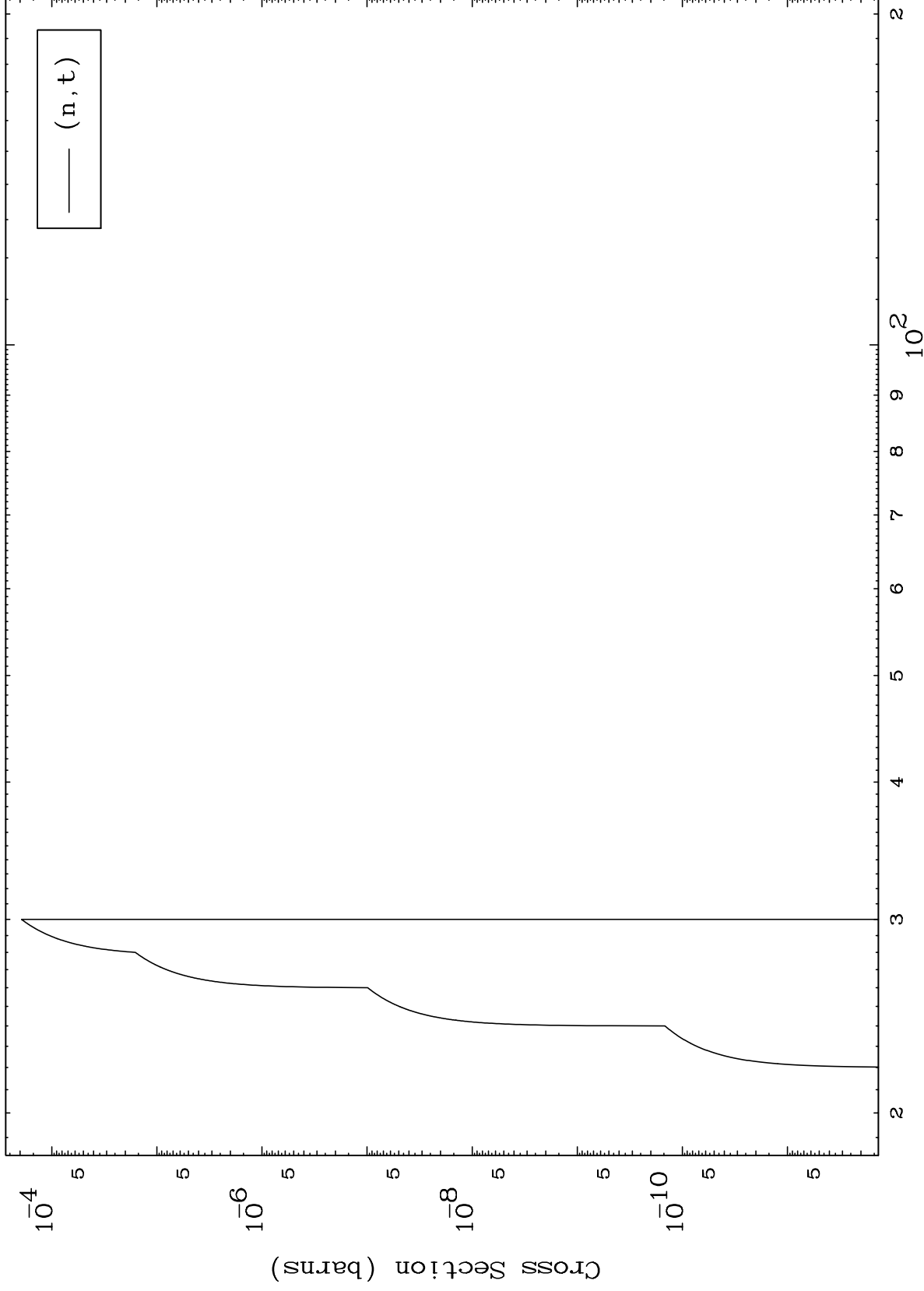
Incident Energy (MeV)

54-Xe-118

MAT 5407

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-118

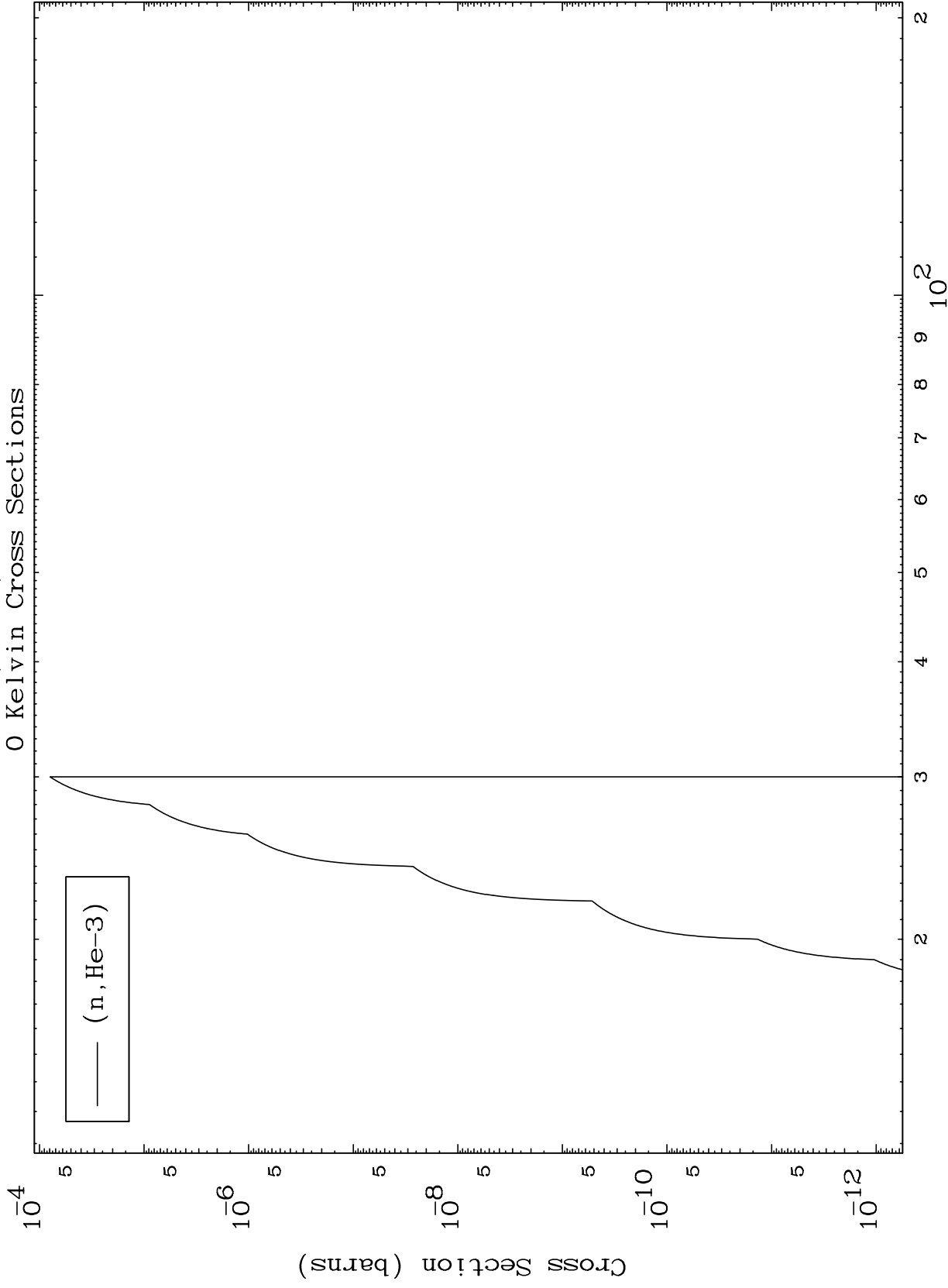


8

Incident Energy (MeV)

54-Xe-118

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

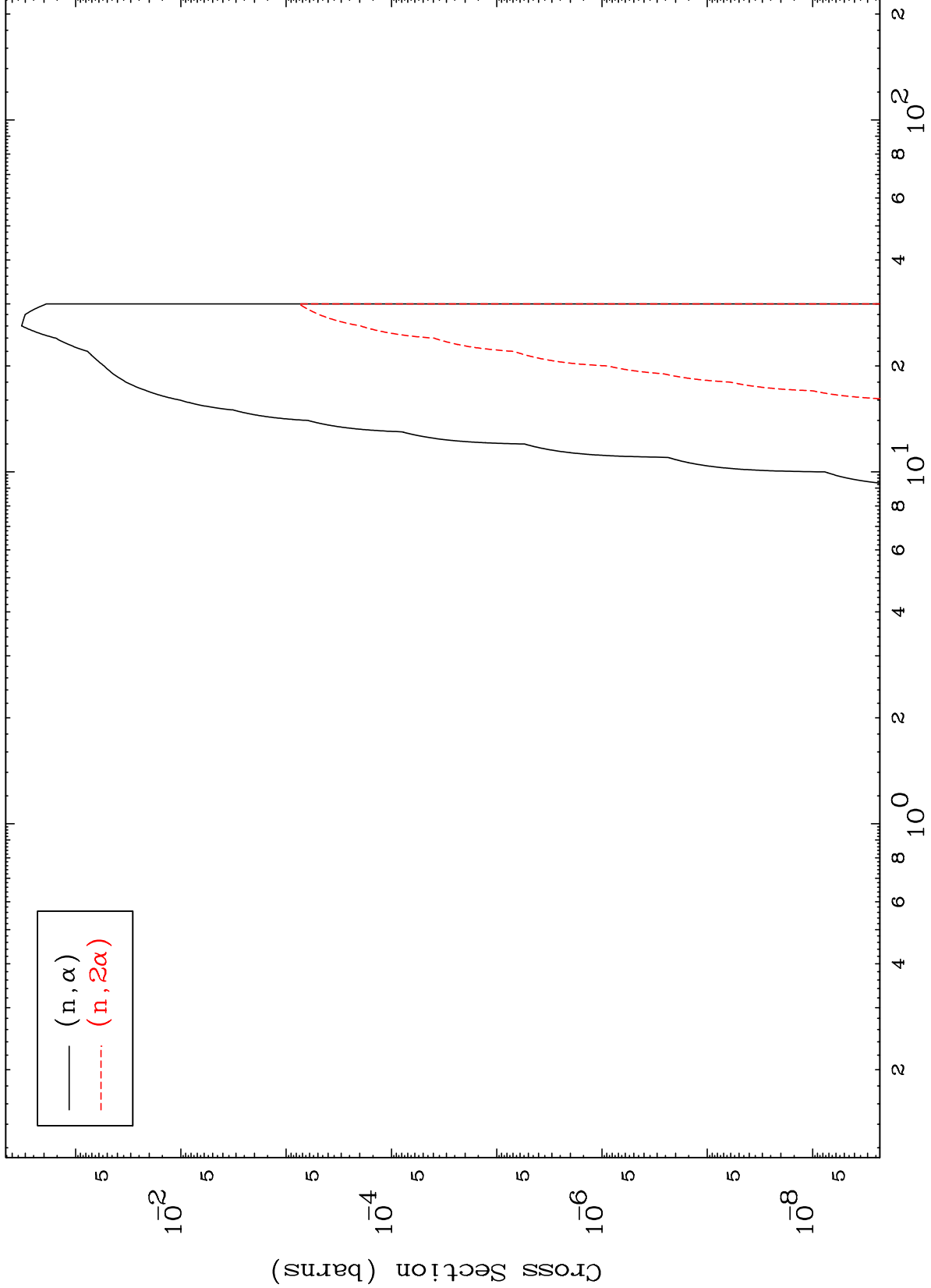


MAT 5407

(α, α) Levels

54-Xe-118

0 Kelvin Cross Sections

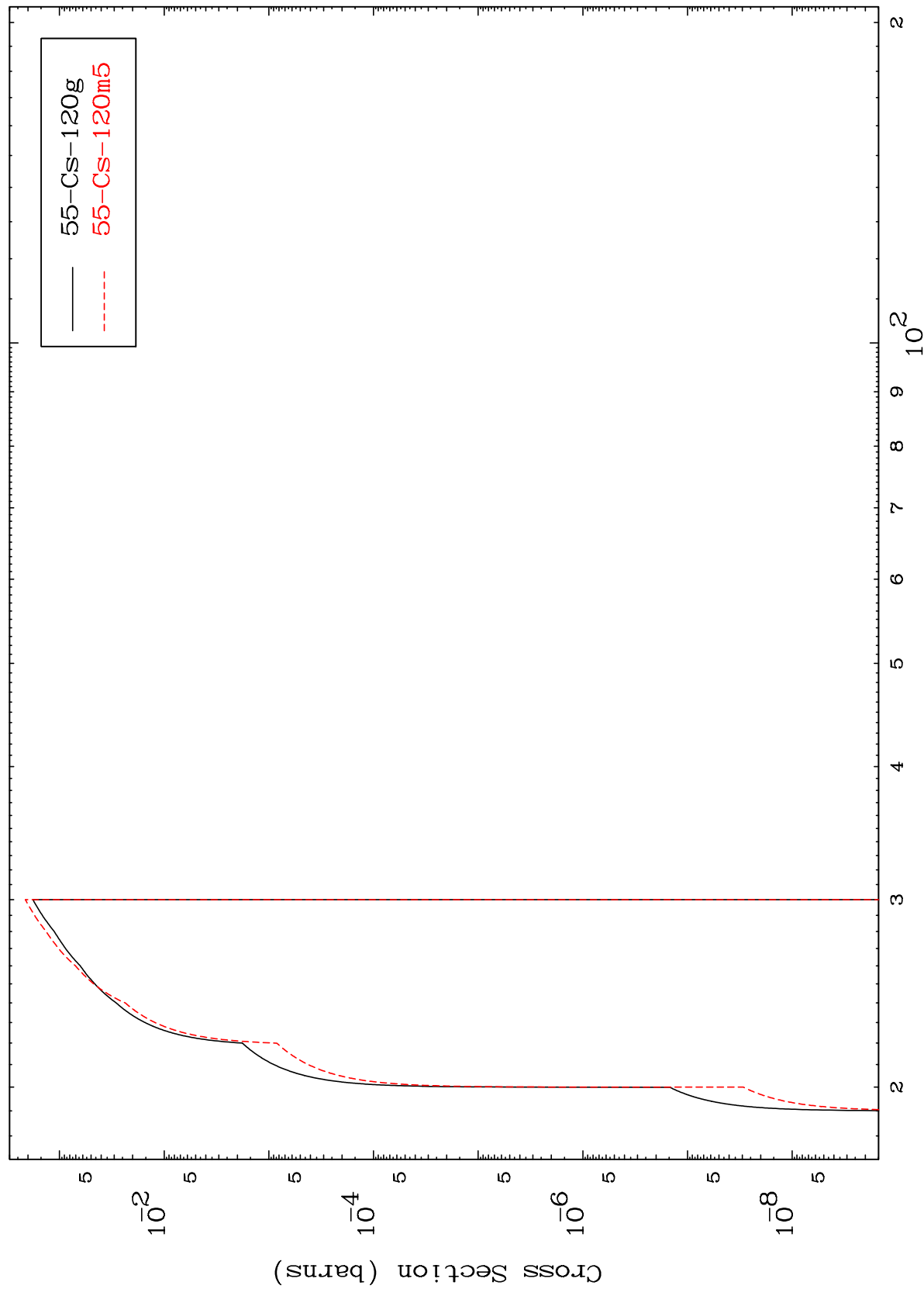


10

Incident Energy (MeV)

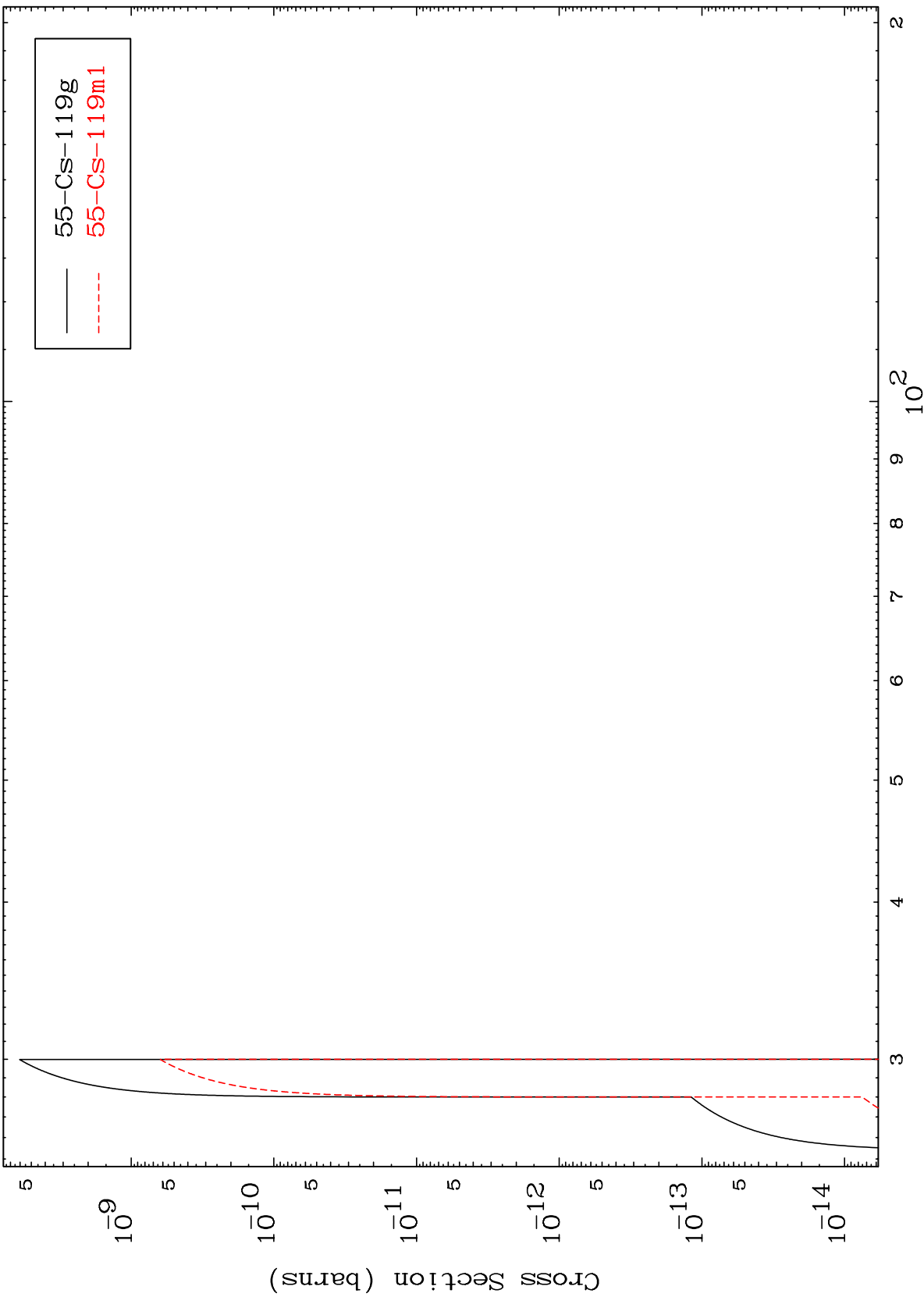
54-Xe-118

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

Radionuclide Production Cross Section

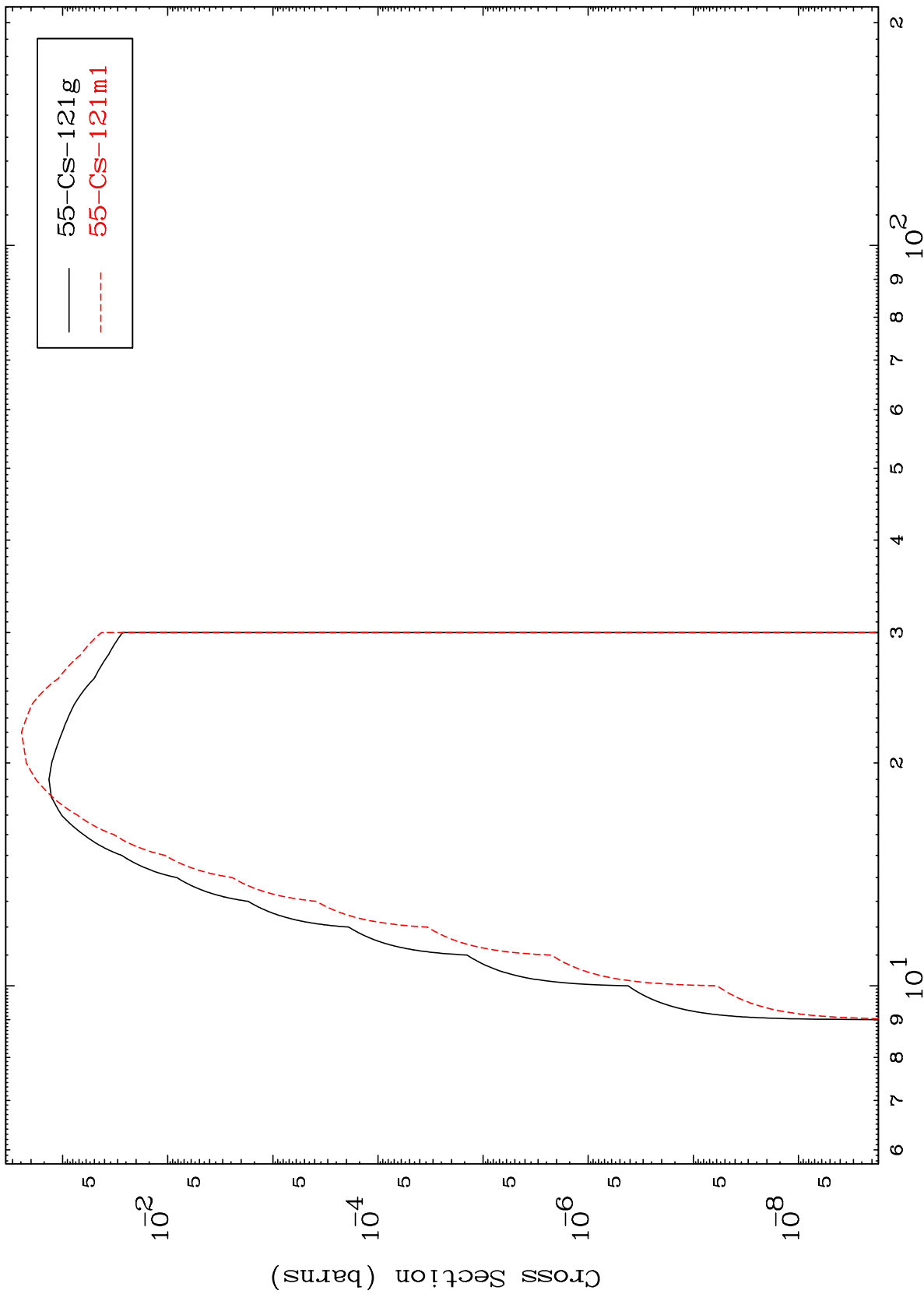


55-Cs-119g
55-Cs-119m1

MAT 5407

54-Xe-118

(n,p)
Radionuclide Production Cross Section



13

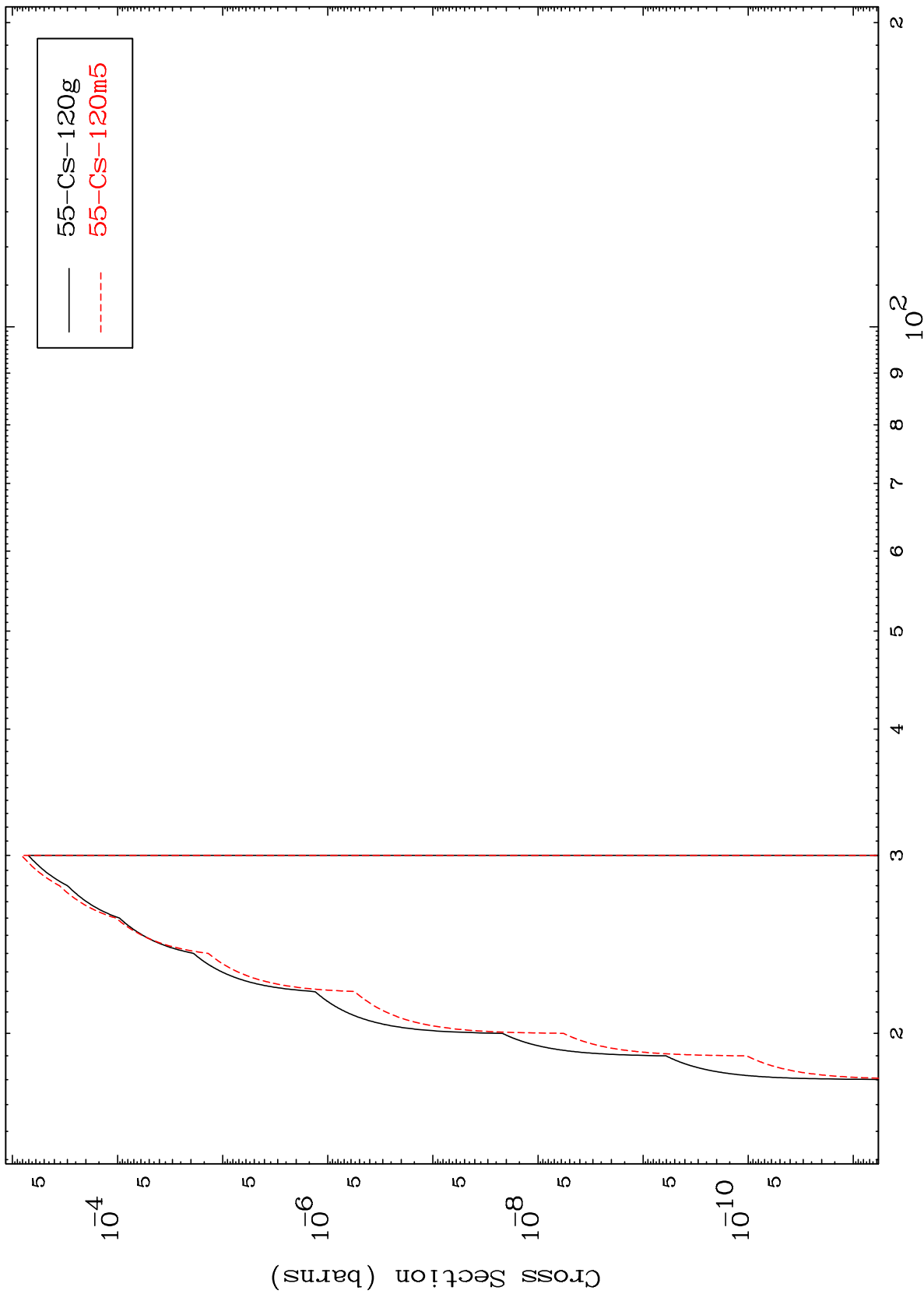
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

(n,d)
Radionuclide Production Cross Section



14

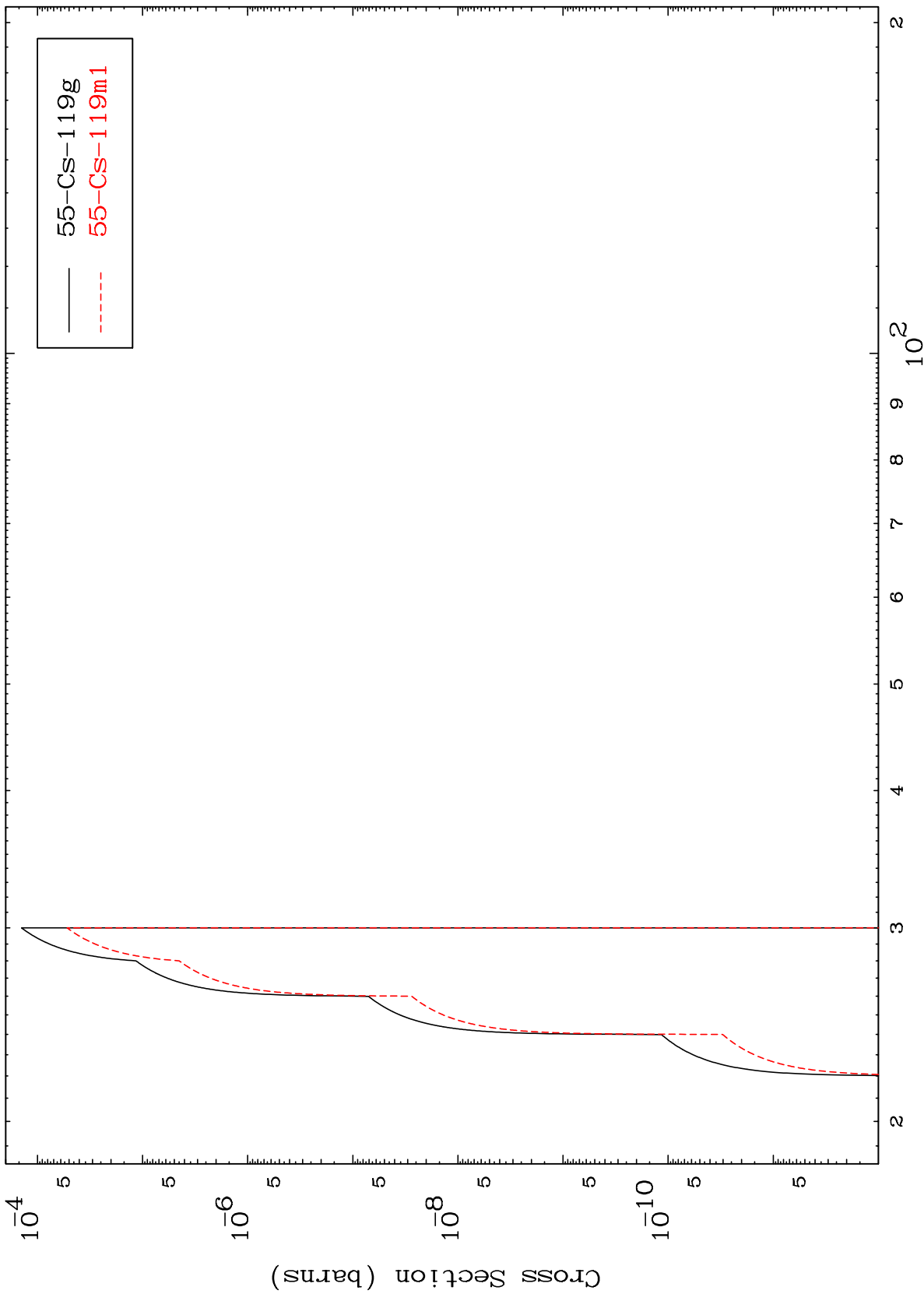
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

(n, t)
Radionuclide Production Cross Section



54-Xe-118

Incident Energy (MeV)

15