

Program EVALPLOT
(Version 2021-1)

by

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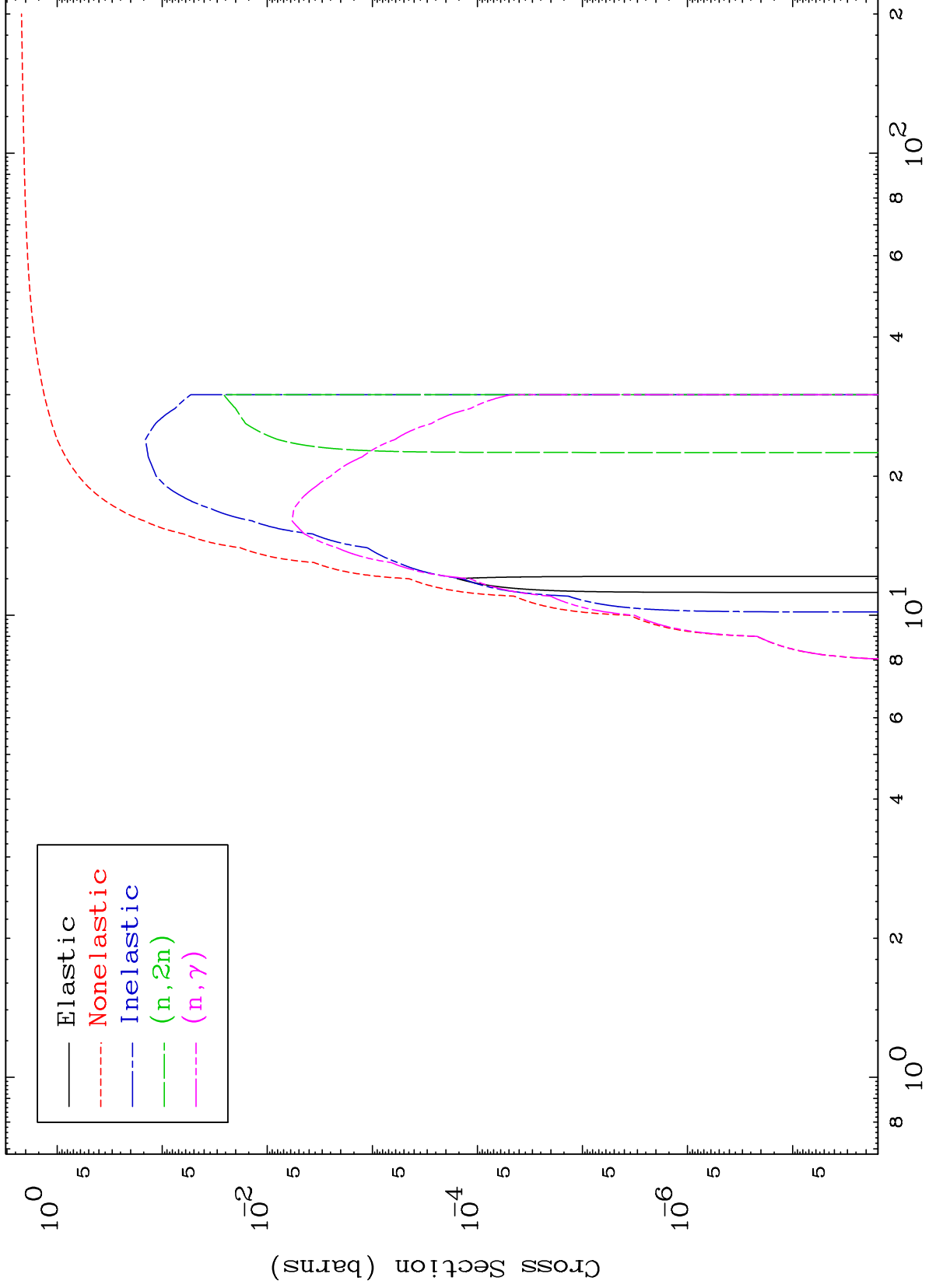
Press Mouse Button to Start

MAT 5410

0 Kelvin

α Major Cross Sections

54-Xe-119



1

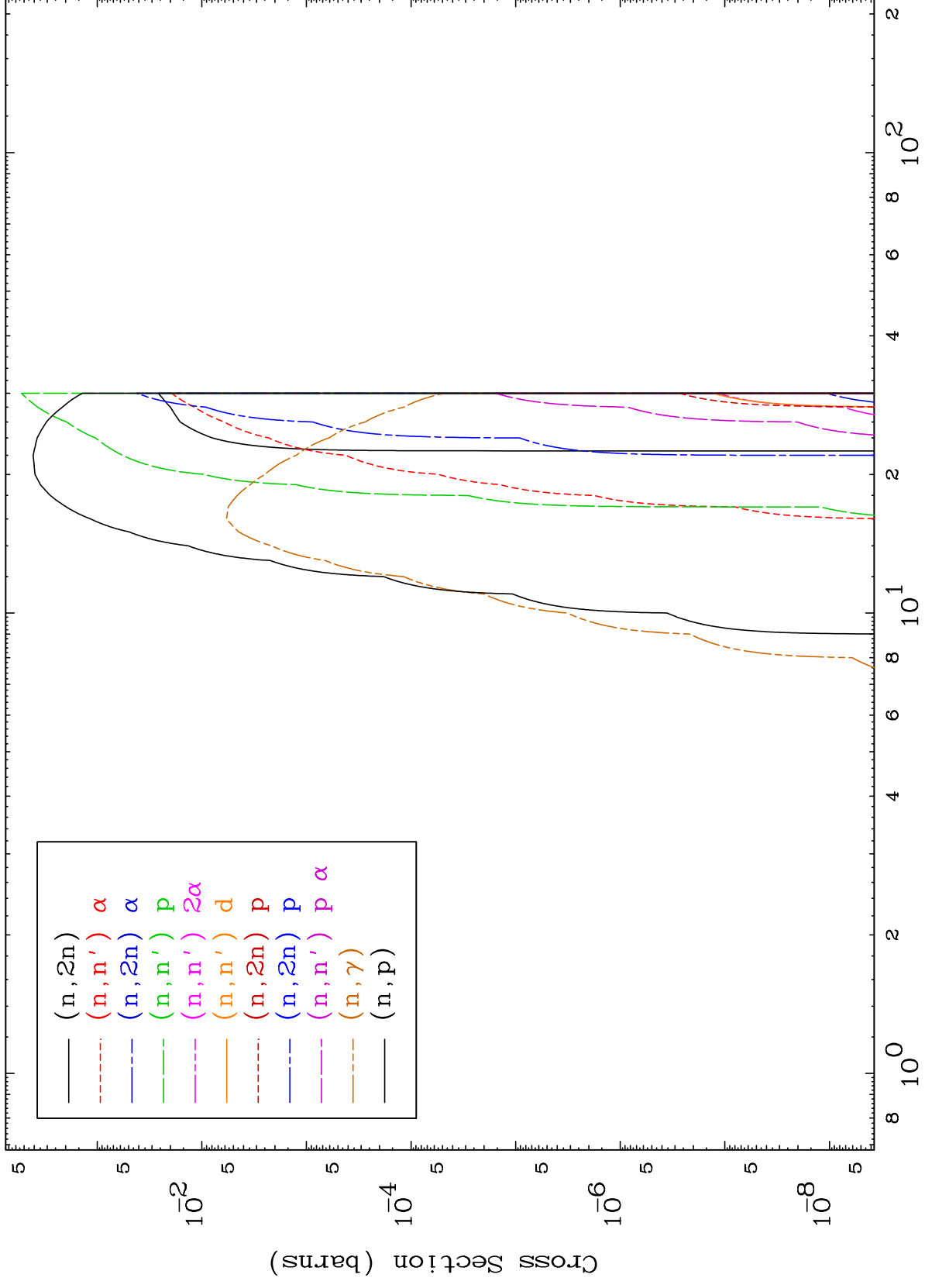
Incident Energy (MeV)

54-Xe-119

MAT 5410

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-119



2

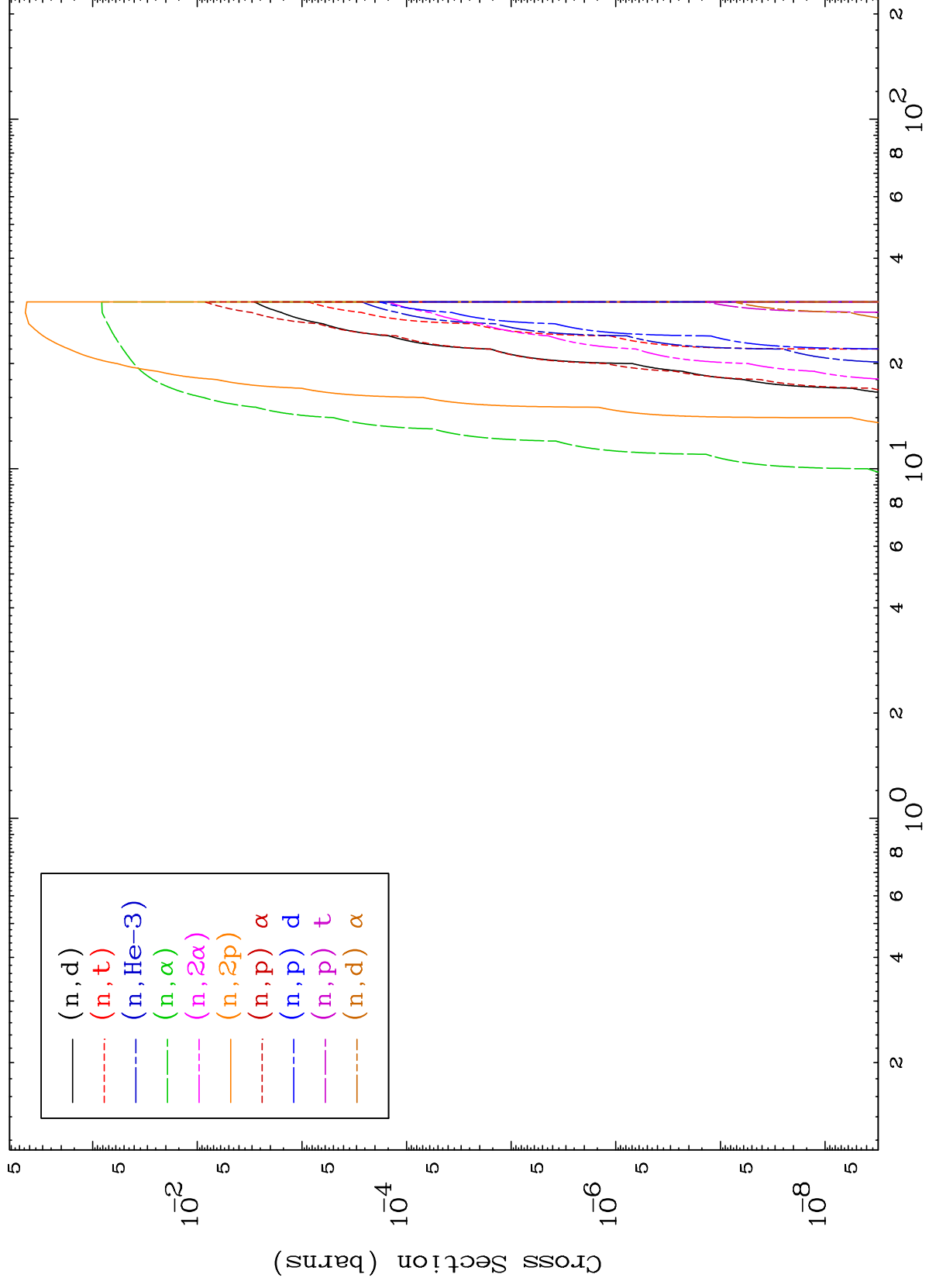
Incident Energy (MeV)

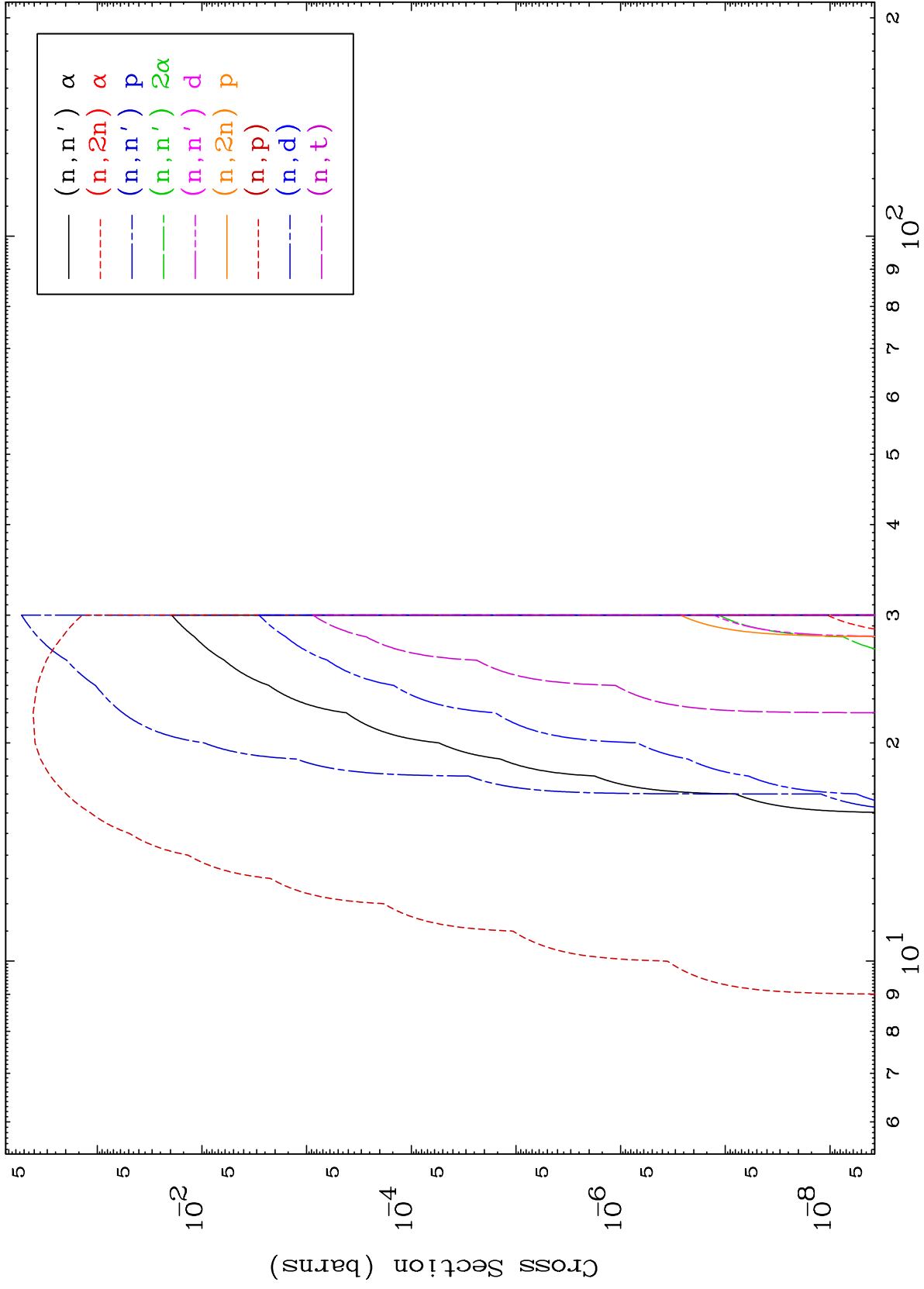
54-Xe-119

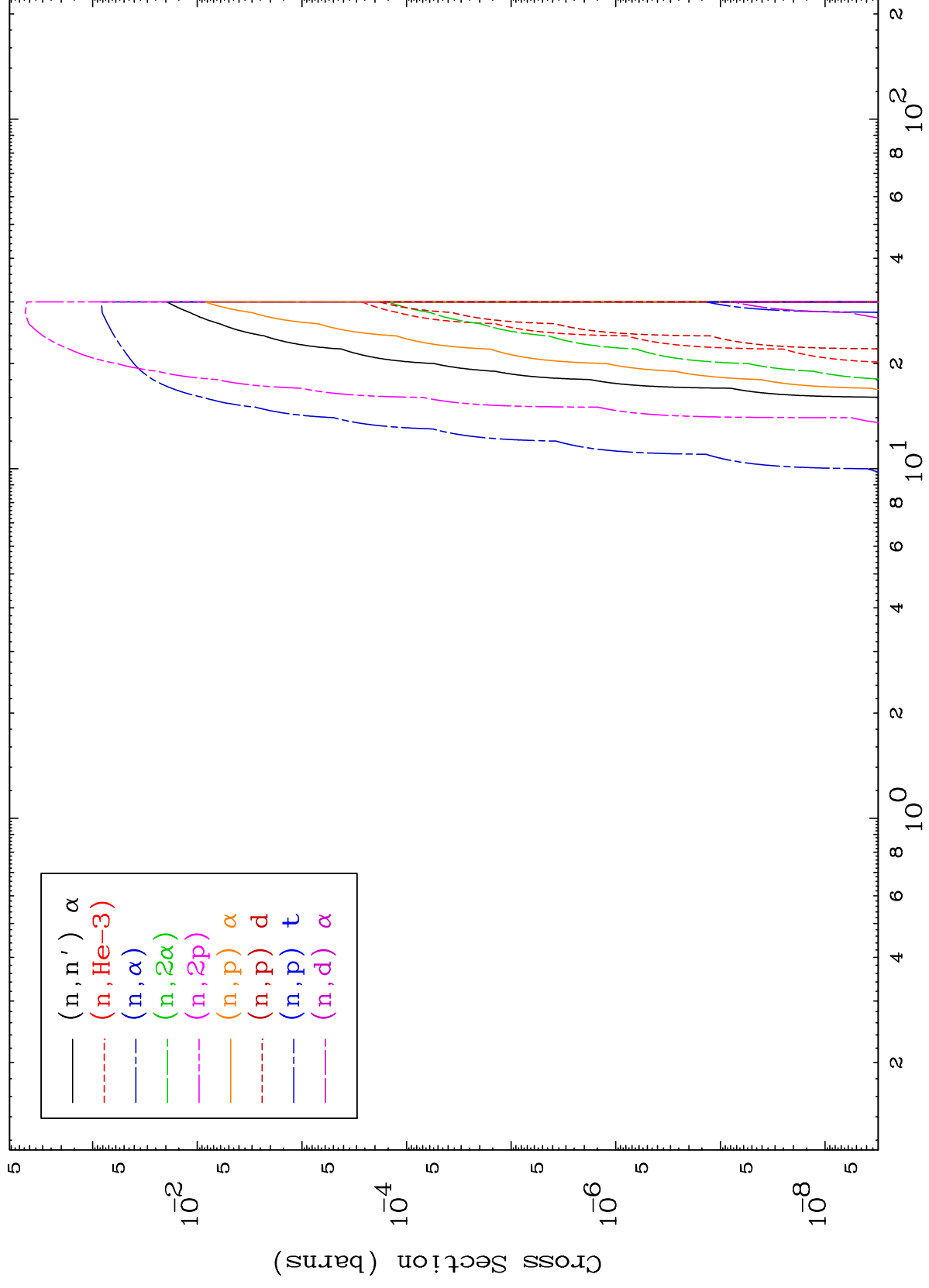
MAT 5410

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-119





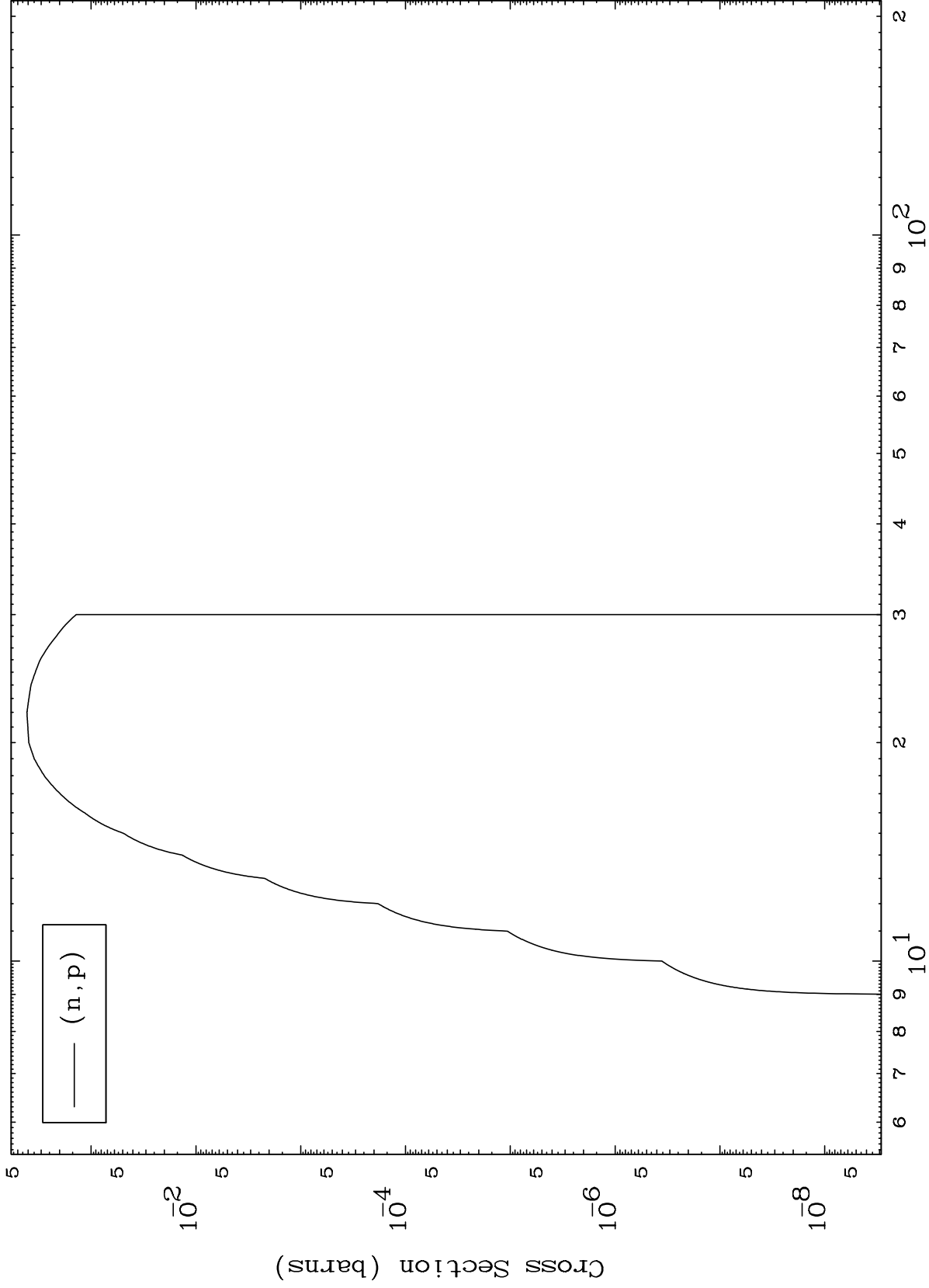


MAT 5410

(α, p) Levels

54-Xe-119

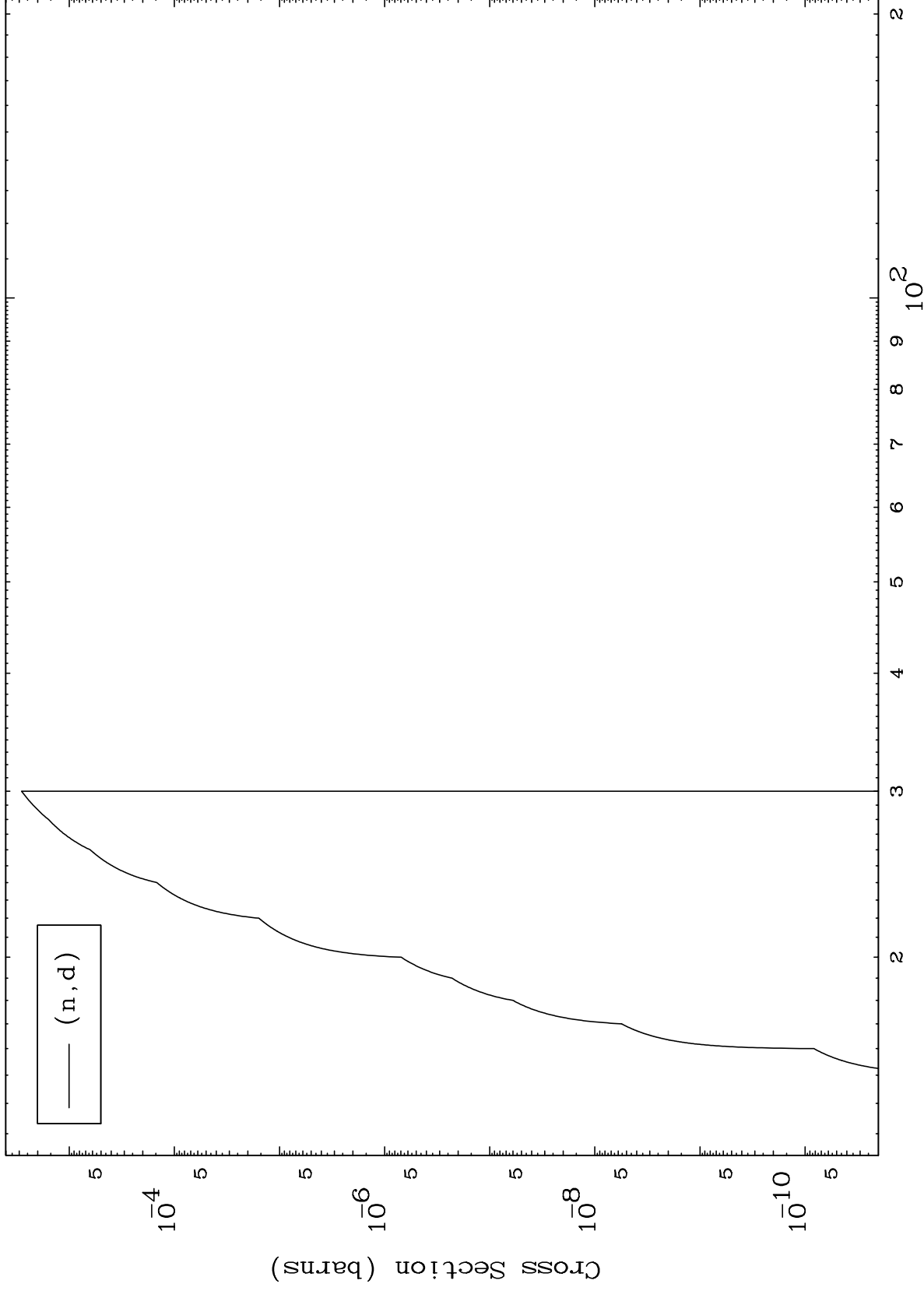
0 Kelvin Cross Sections



MAT 5410

(α, d) Levels
0 Kelvin Cross Sections

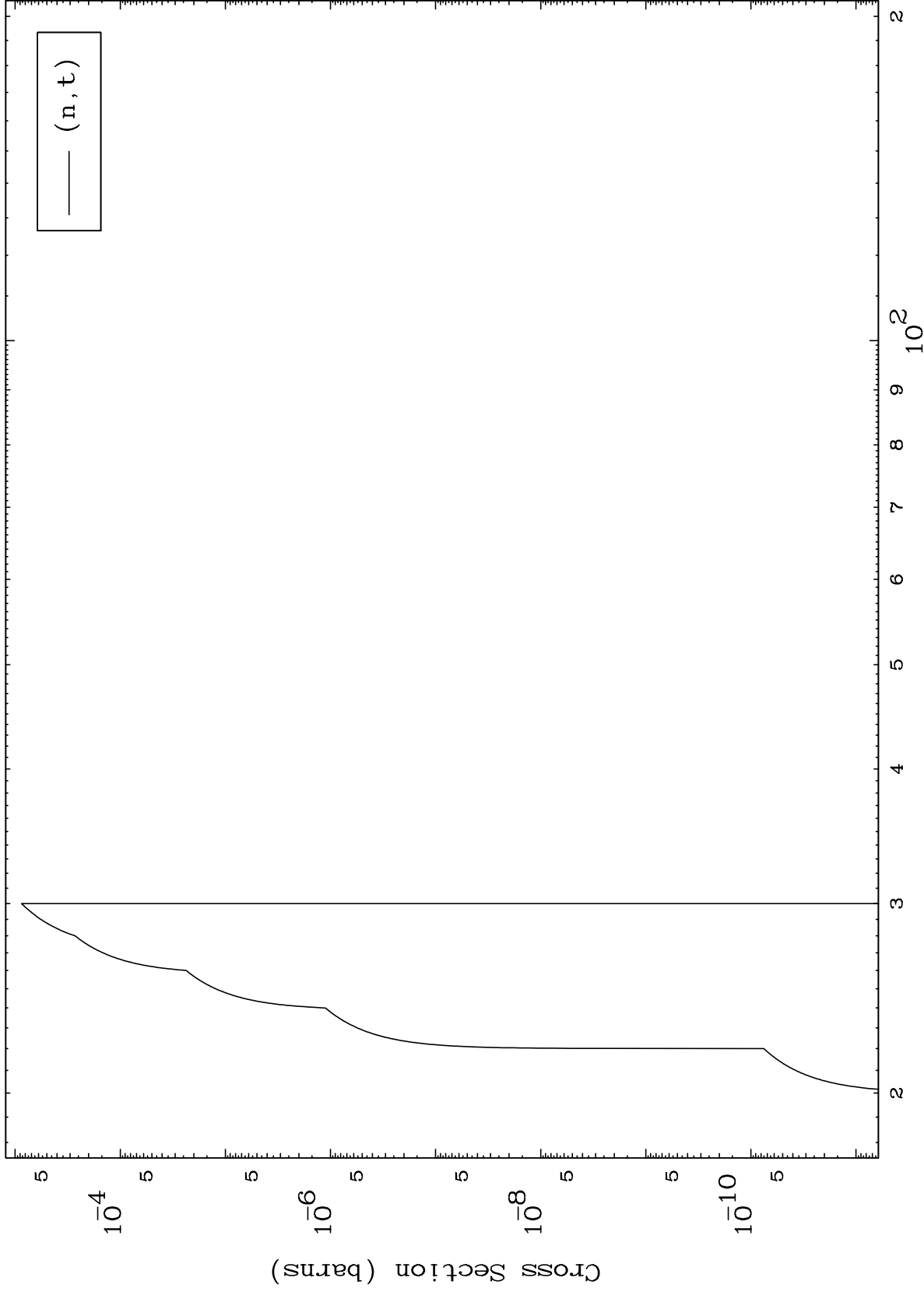
54-Xe-119



MAT 5410

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-119



8

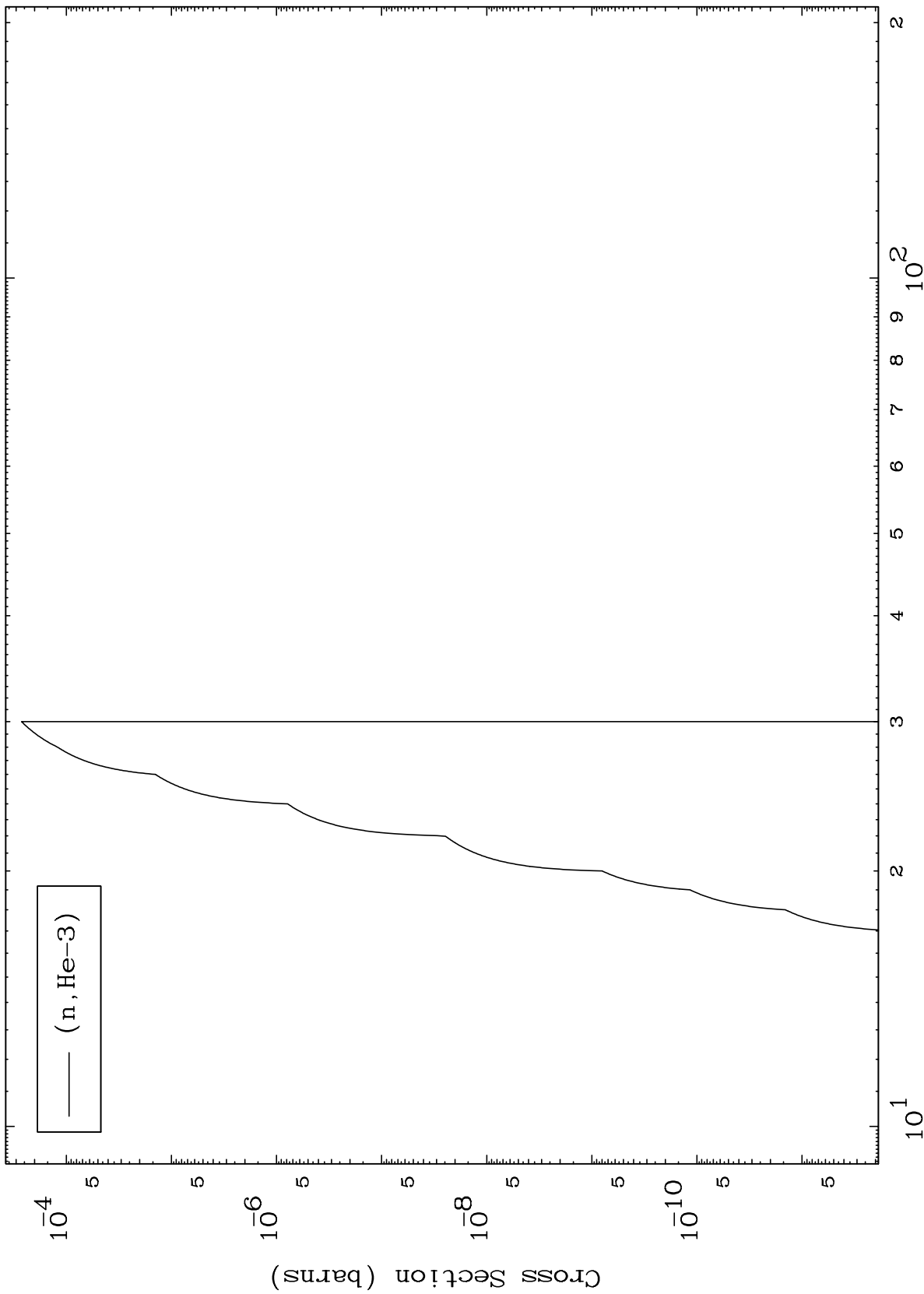
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

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



54-Xe-119

Incident Energy (MeV)

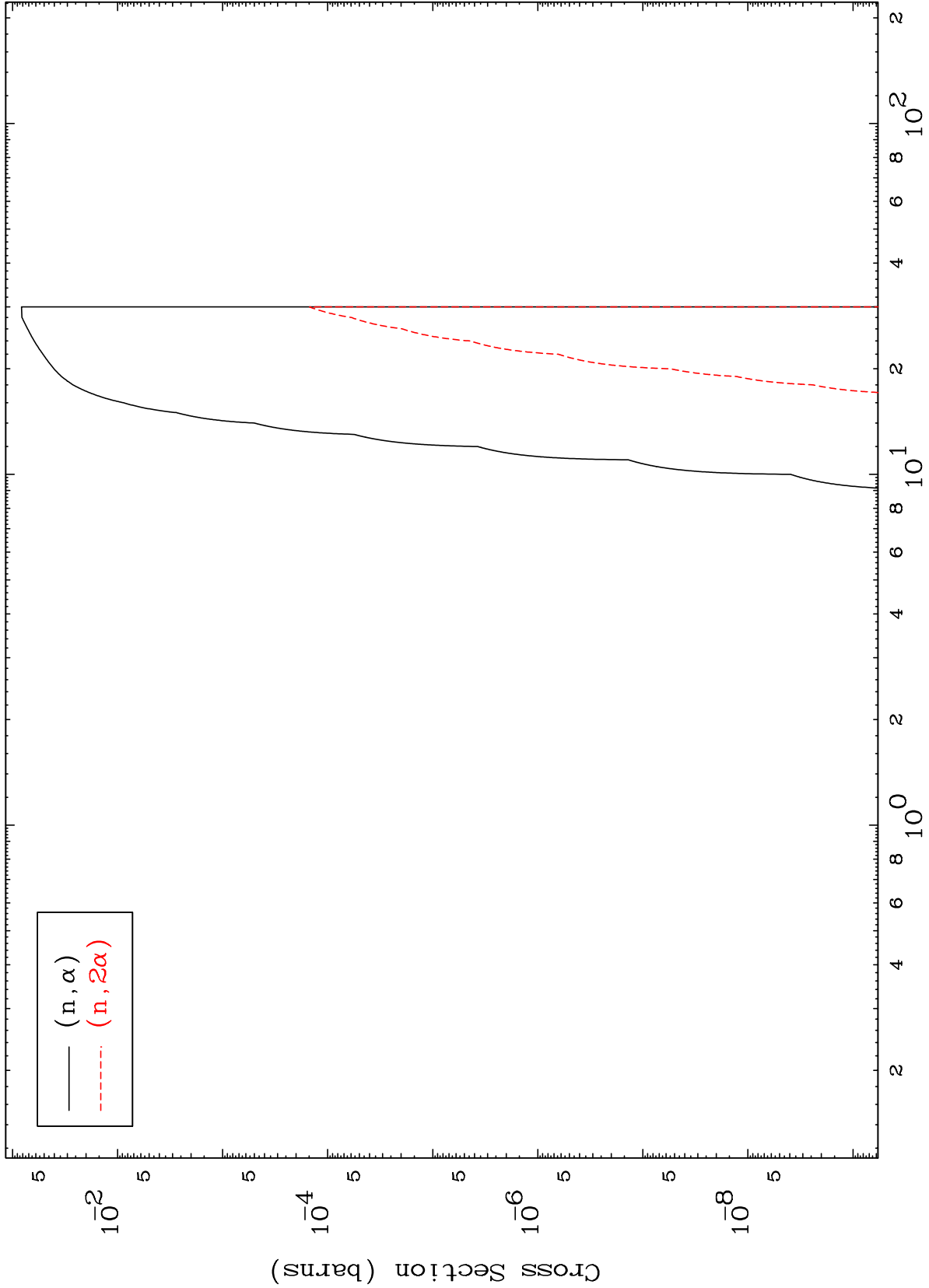
9

MAT 5410

(α, α) Levels

54-Xe-119

0 Kelvin Cross Sections

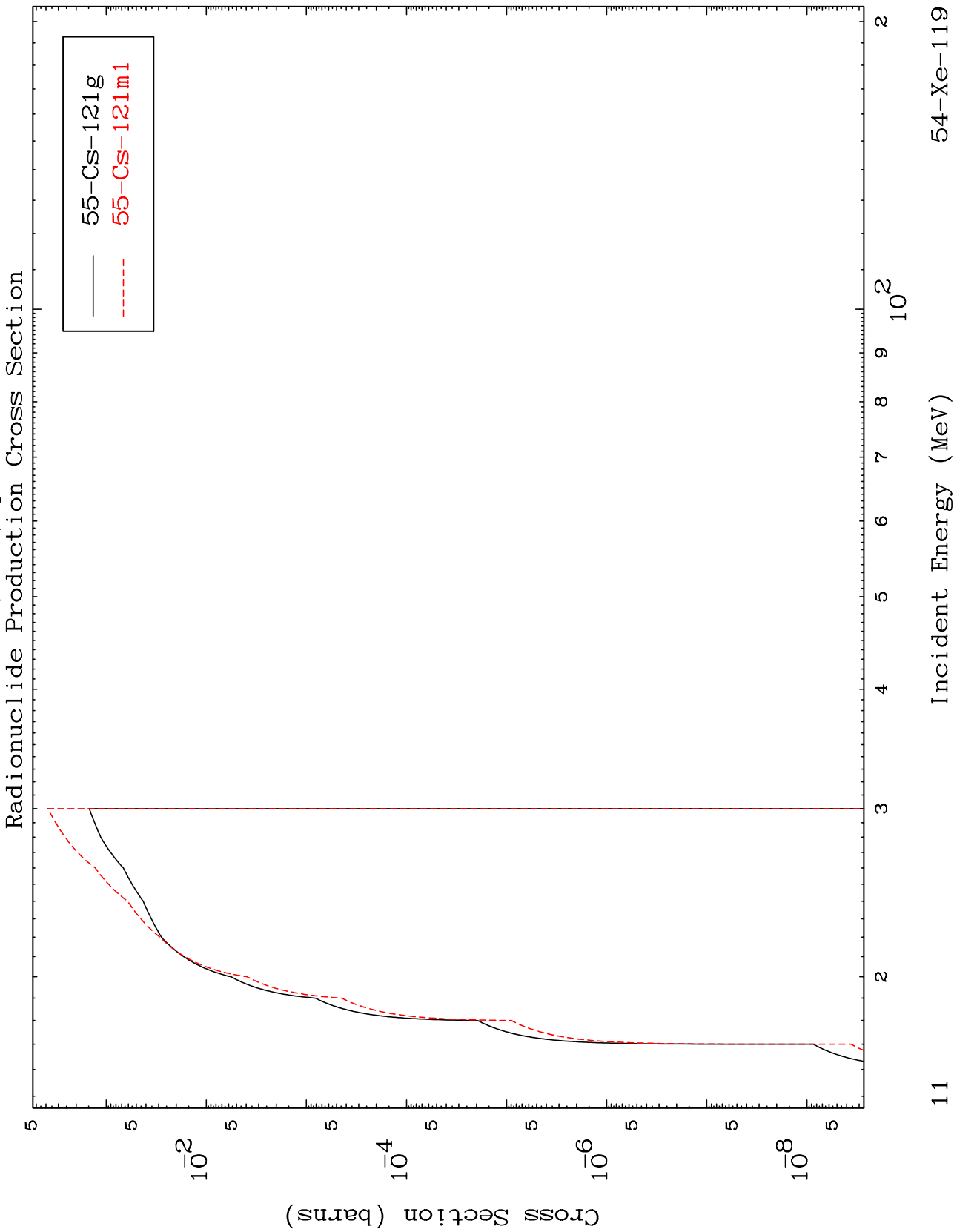


— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

54-Xe-119

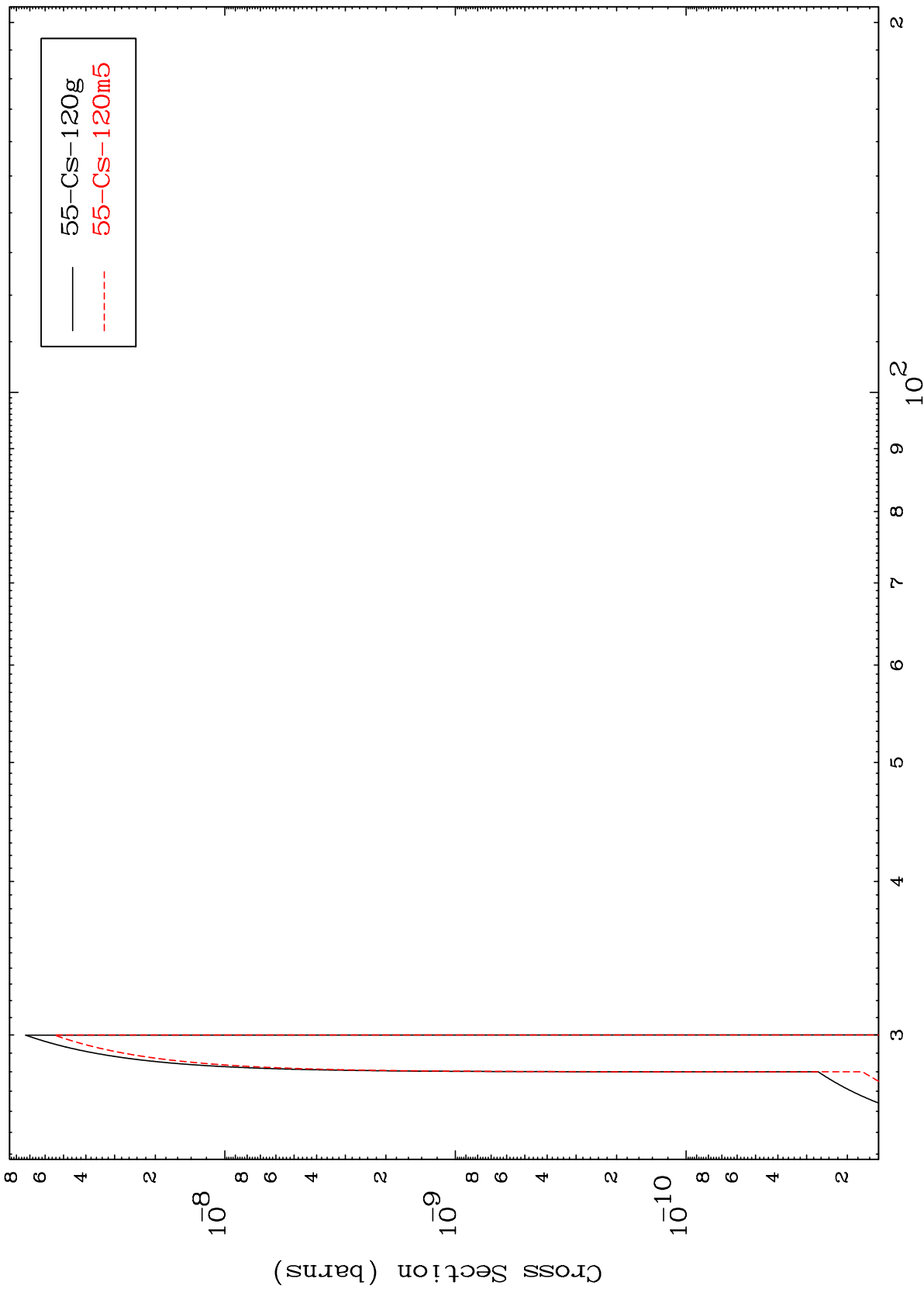


MAT 5410

(n,n') d

54-Xe-119

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

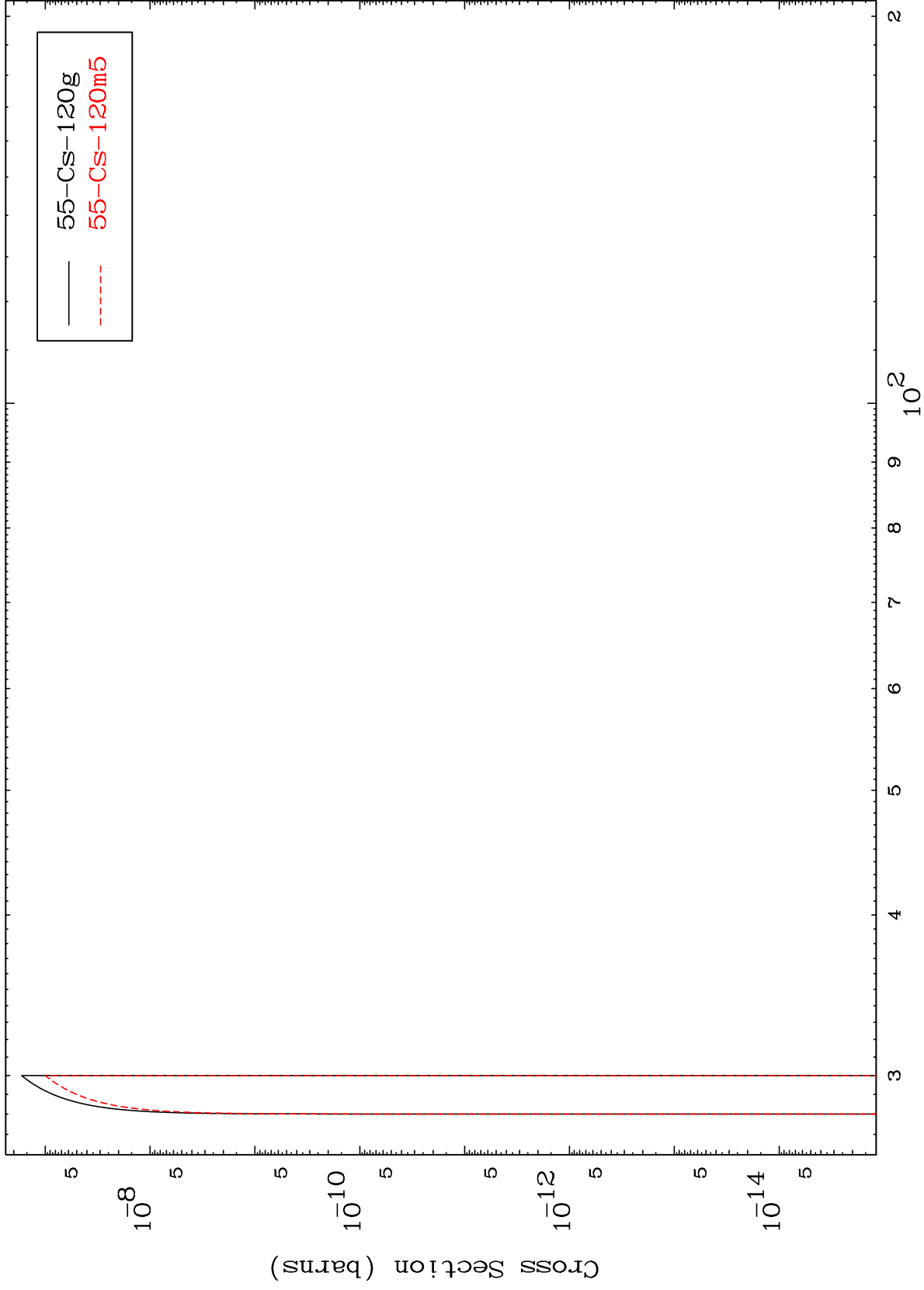
54-Xe-119

MAT 5410

(n,2n) p

54-Xe-119

Radionuclide Production Cross Section



13

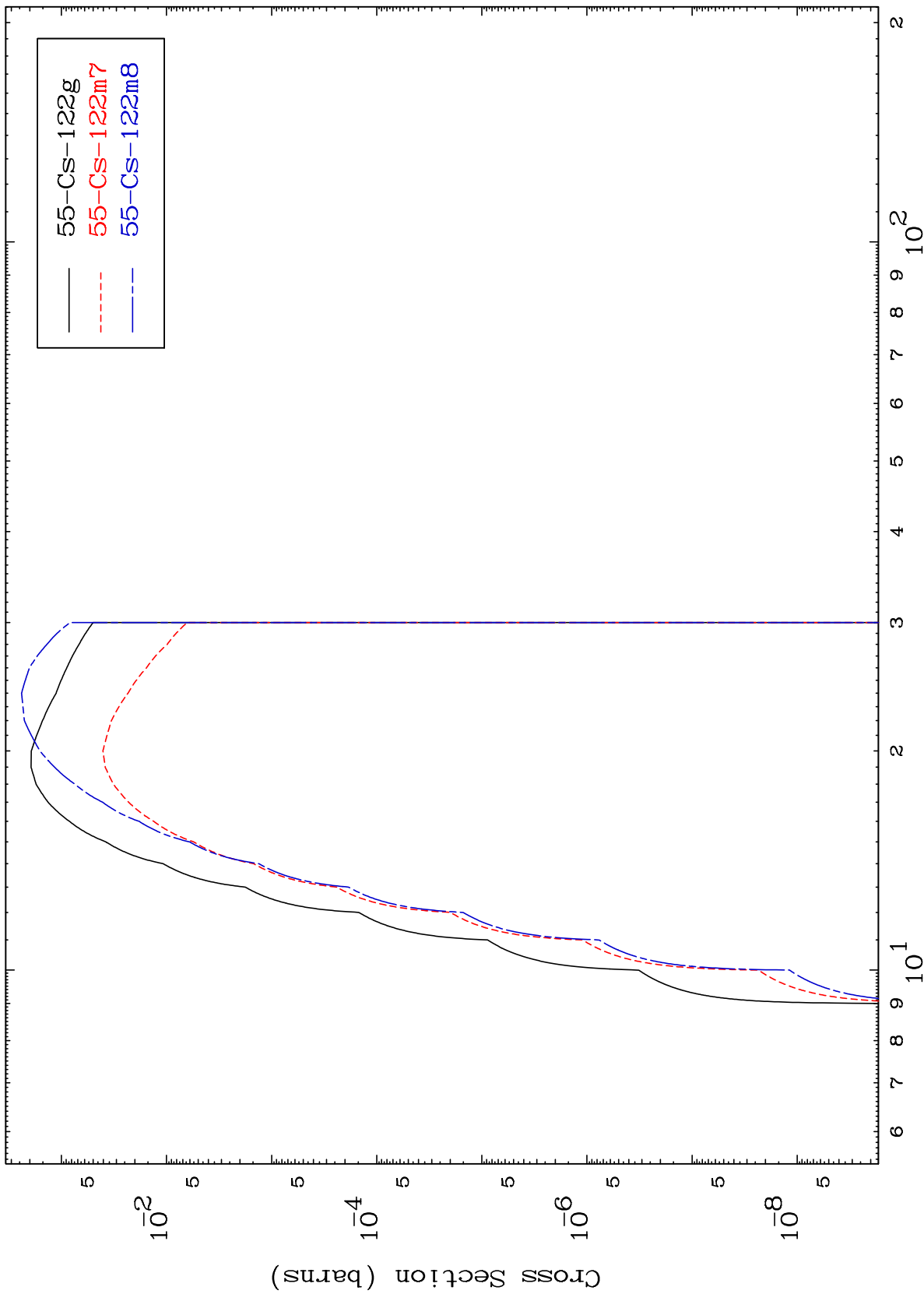
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,p)
Radionuclide Production Cross Section



14

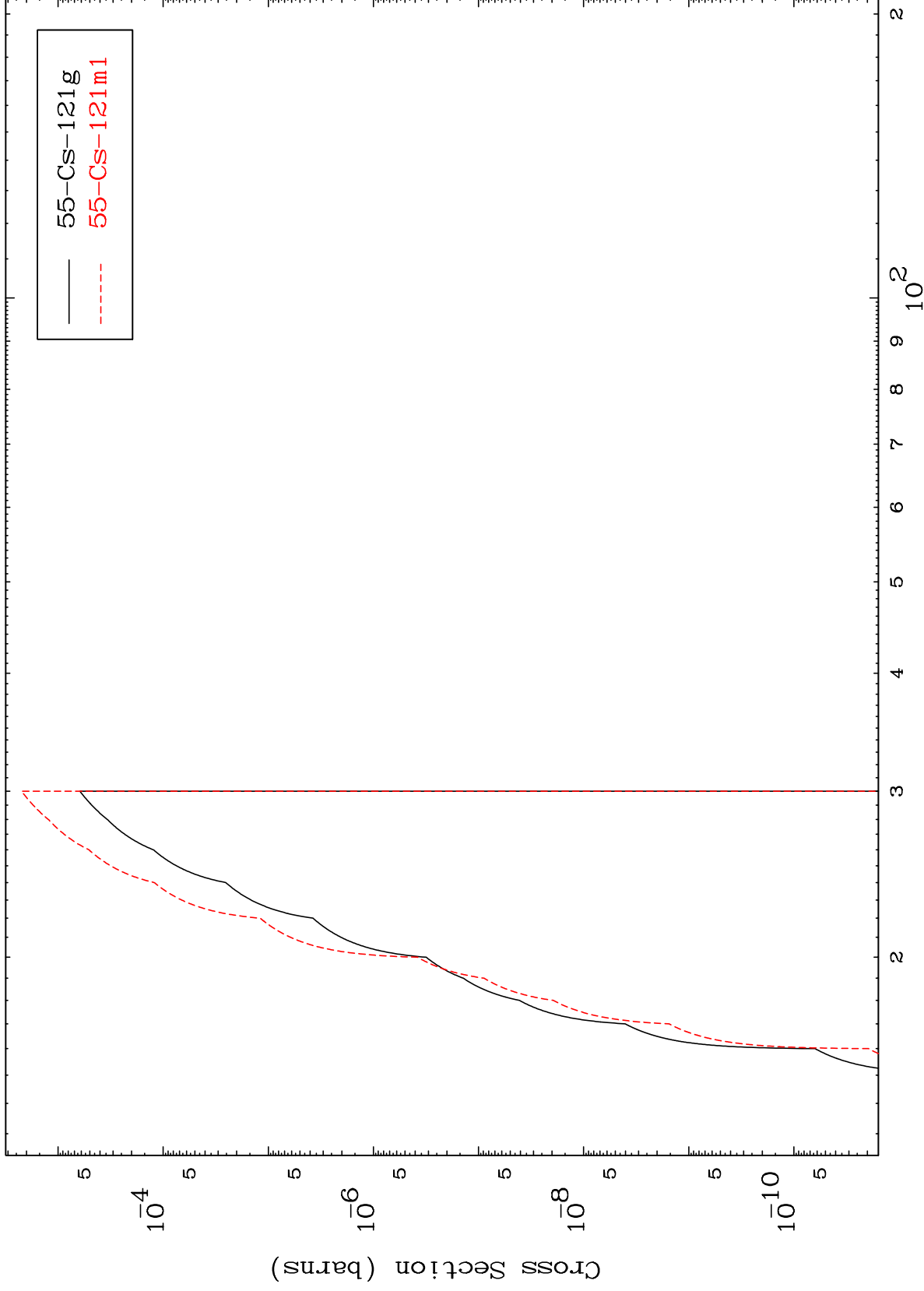
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,d)
Radionuclide Production Cross Section

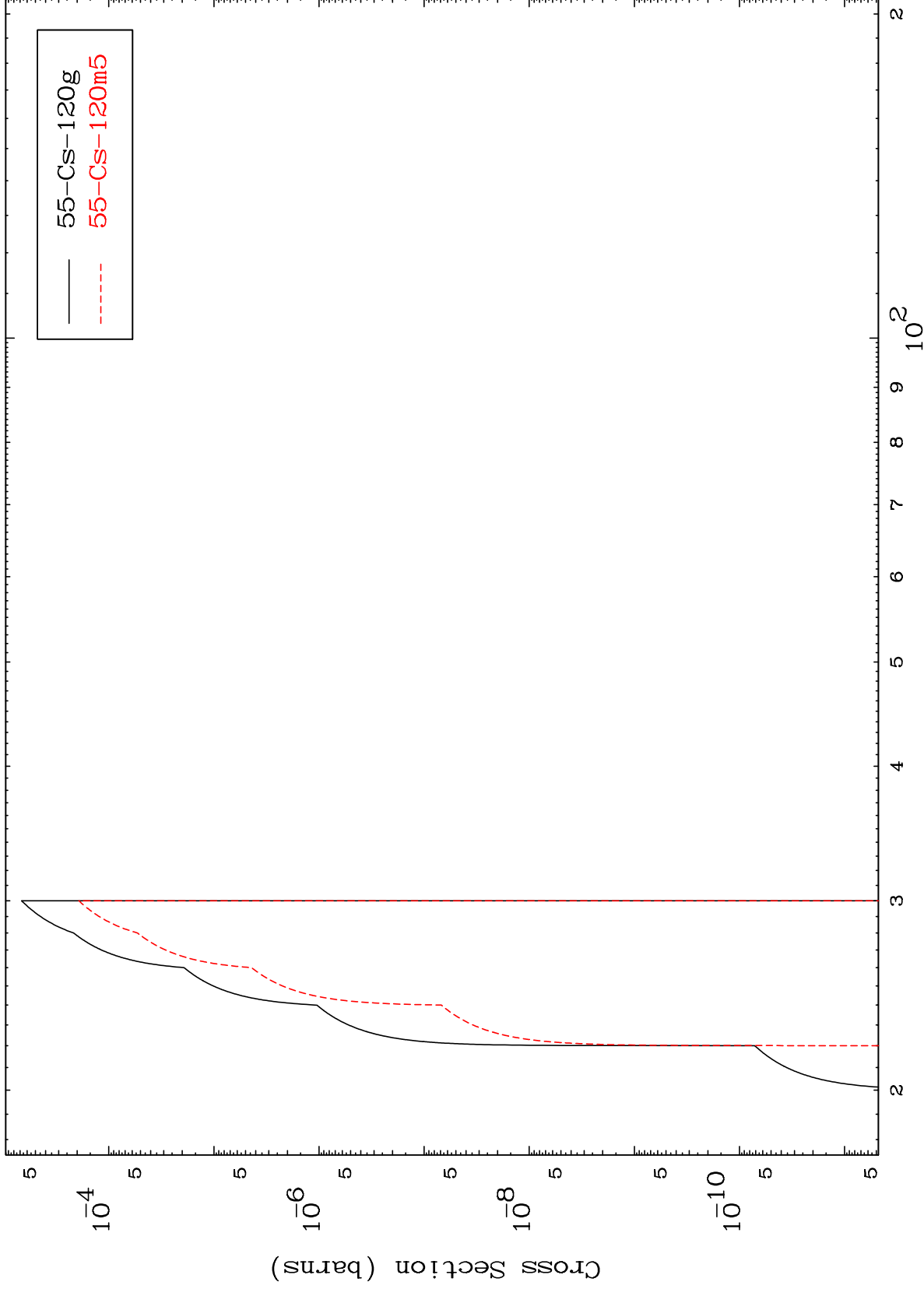


15

Incident Energy (MeV)

54-Xe-119

(n, t)
Radionuclide Production Cross Section

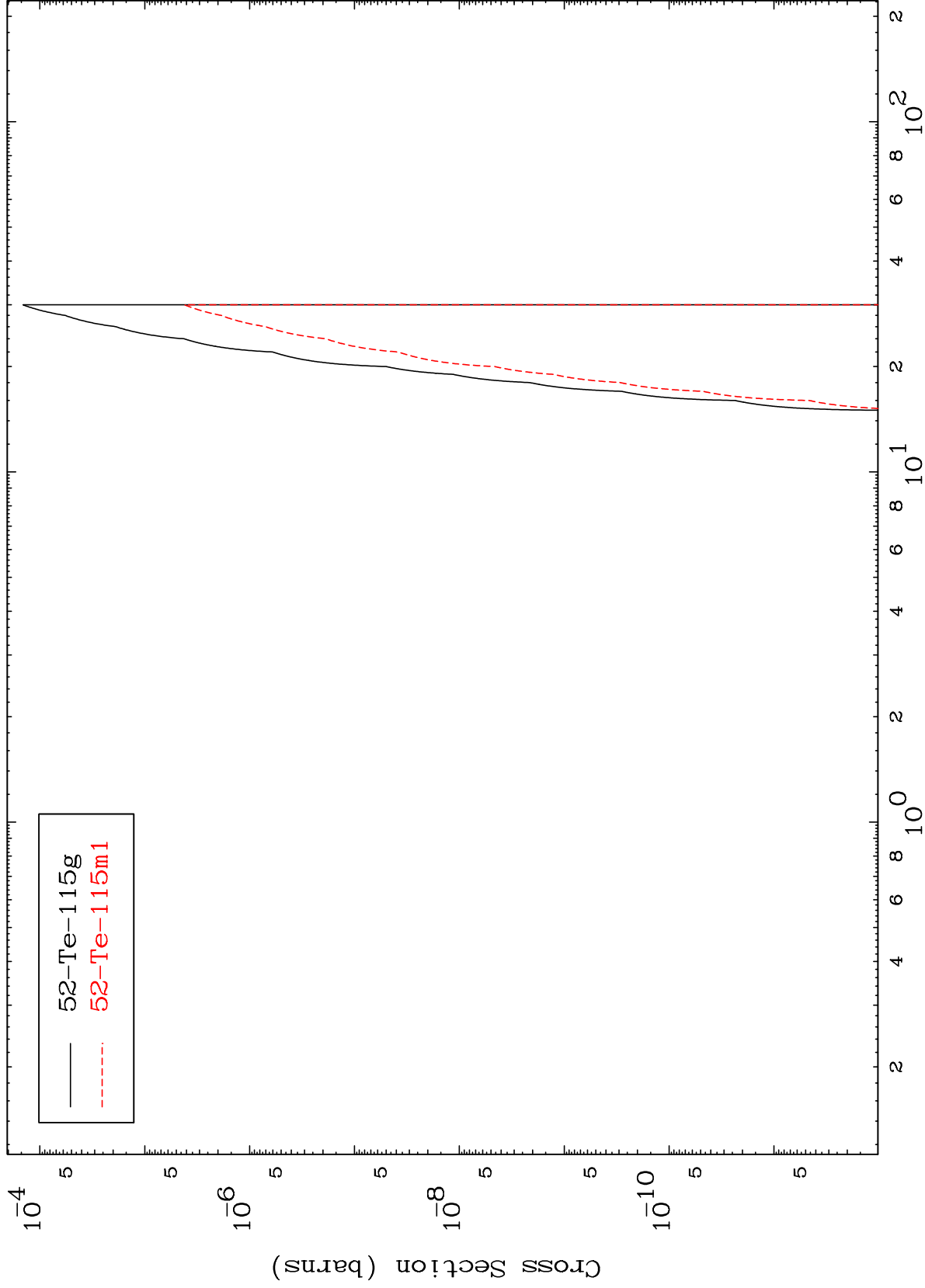


MAT 5410

(n,2α)

54-Xe-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

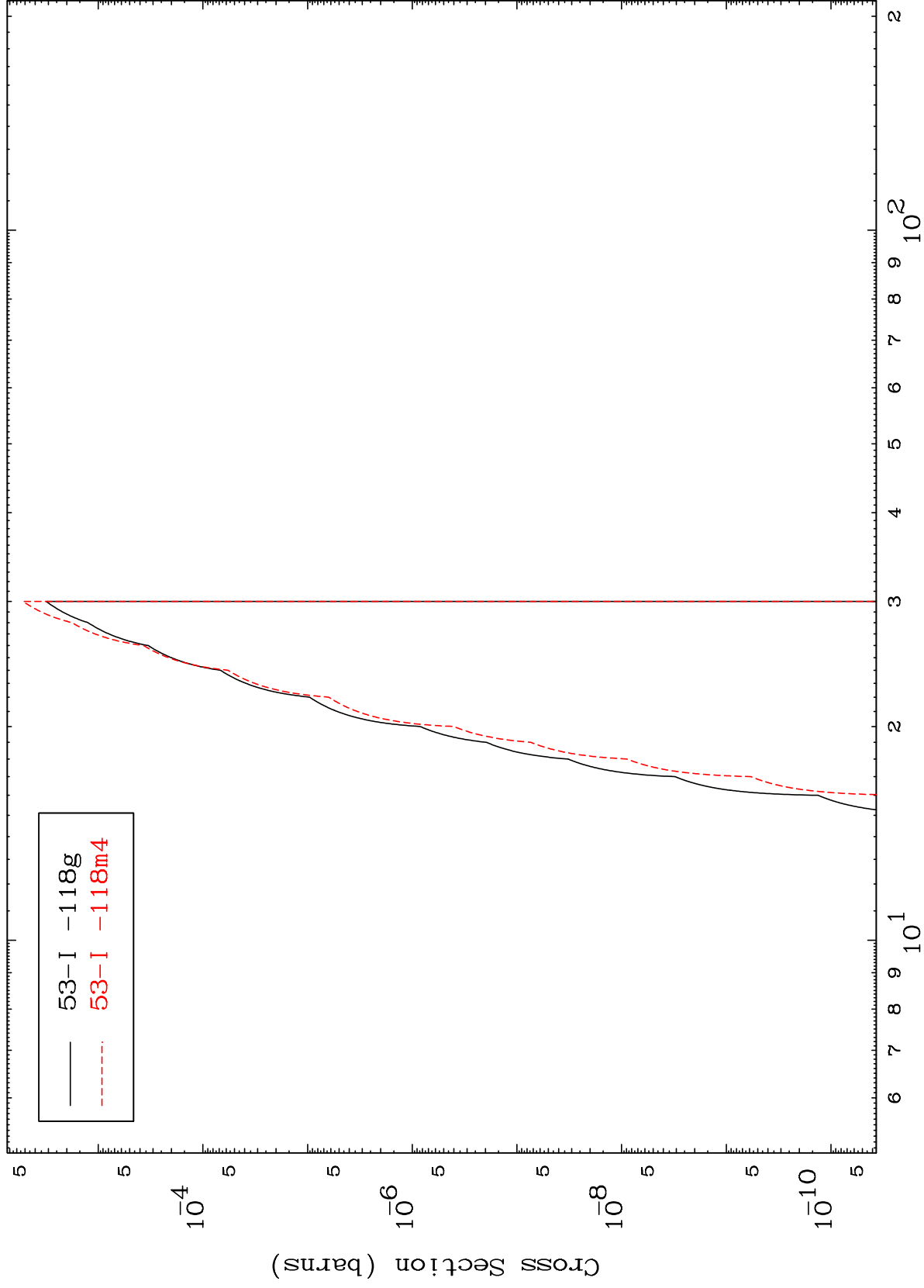
54-Xe-119

MAT 5410

(n,p) α

54-Xe-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-119