

Program EVALPLOT
(Version 2021-1)

by

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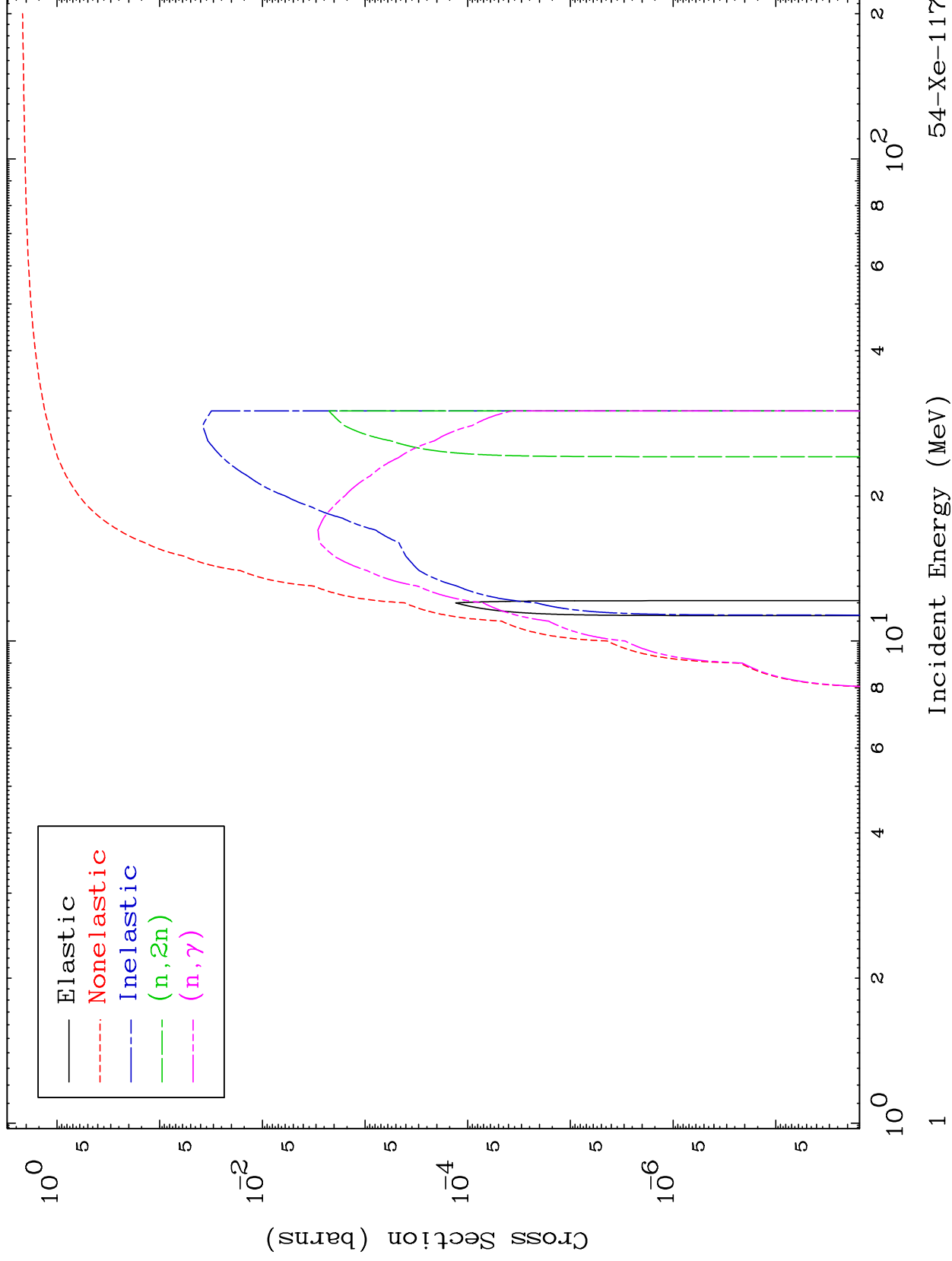
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5404

0 Kelvin Cross Sections

54-Xe-117

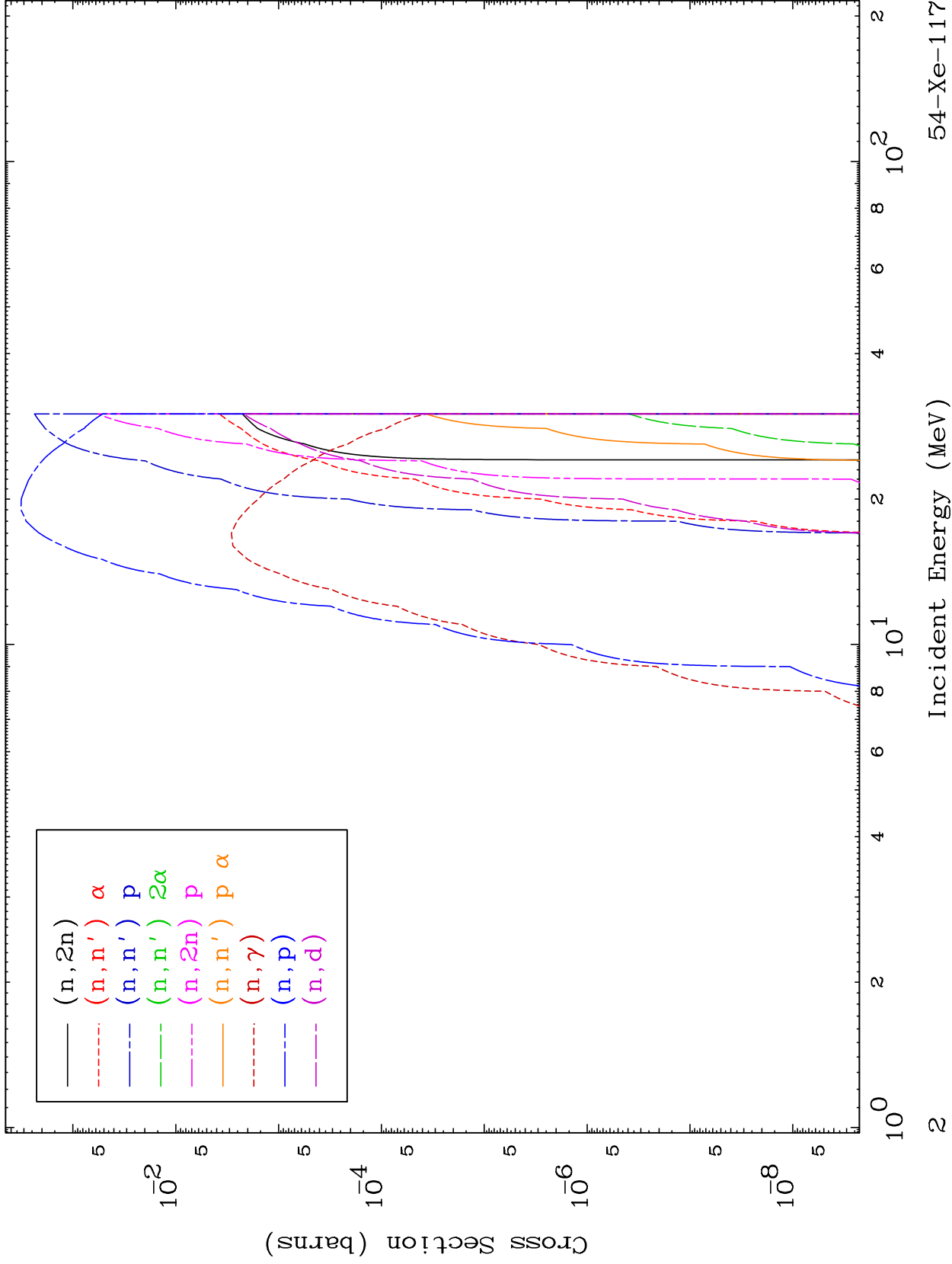


54-Xe-117

MAT 5404

α Neutron Absorption
0 Kelvin Cross Sections

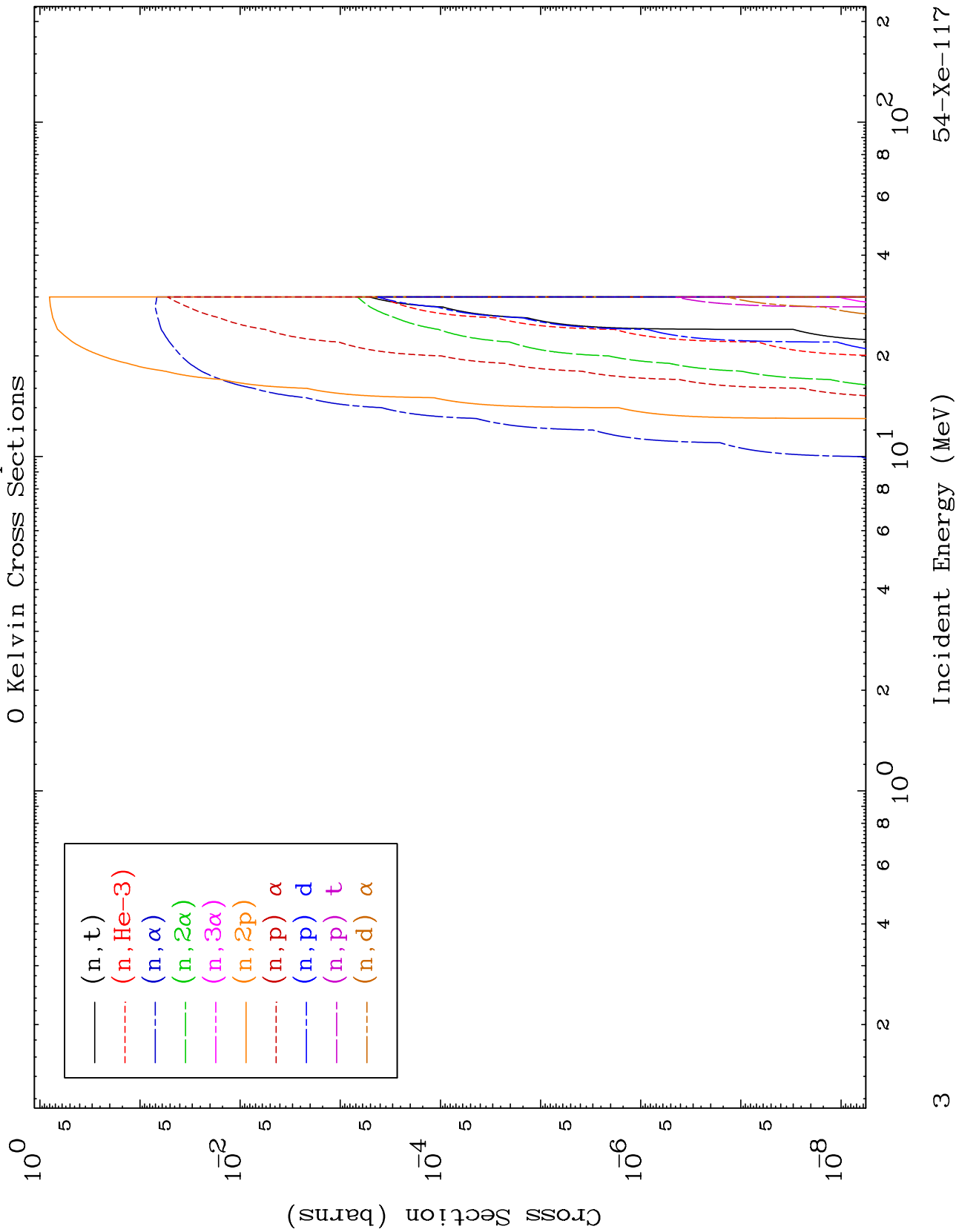
54-Xe-117



MAT 5404

α Neutron Absorption

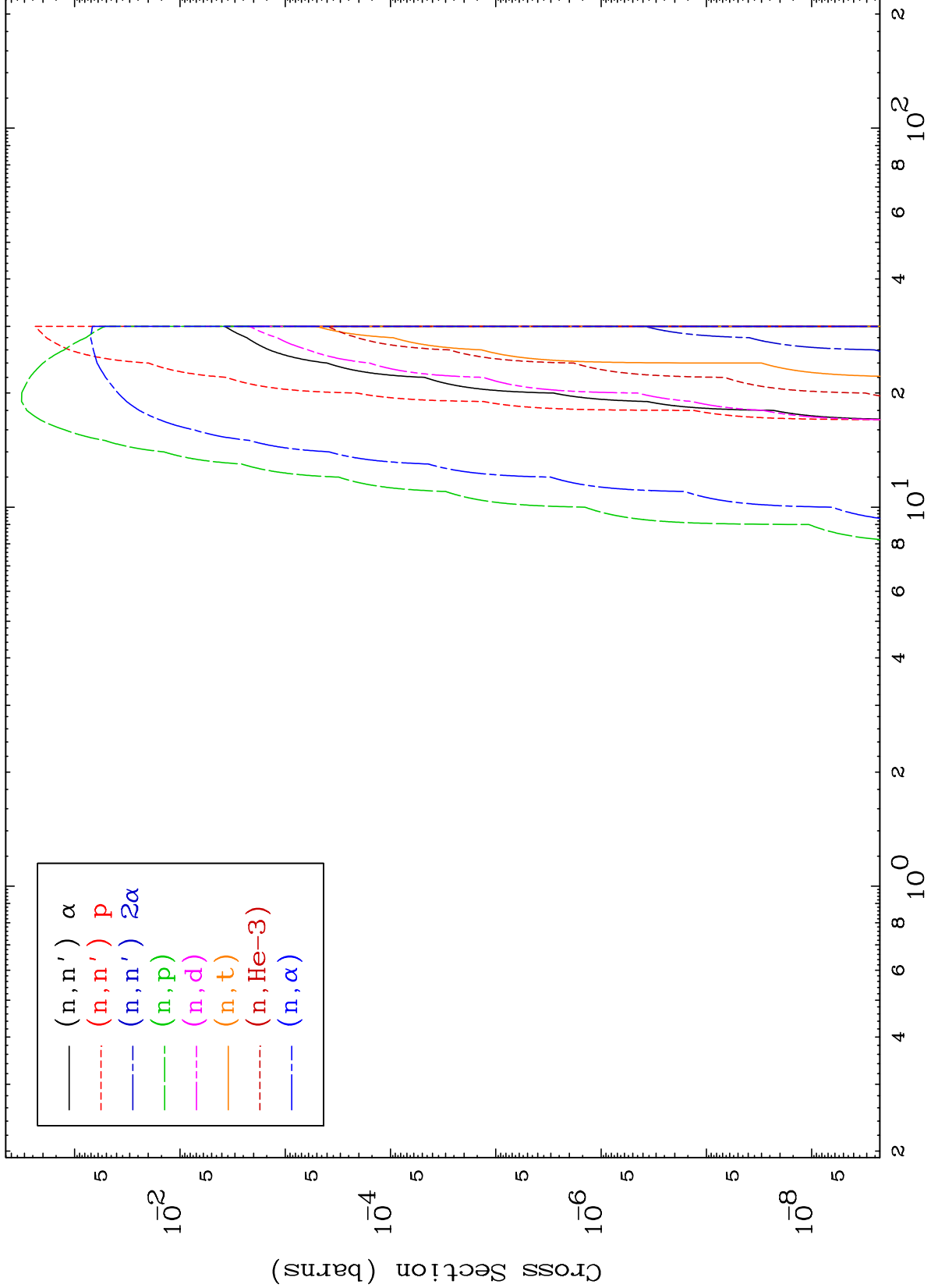
54-Xe-117



MAT 5404

α Charged Particle
0 Kelvin Cross Sections

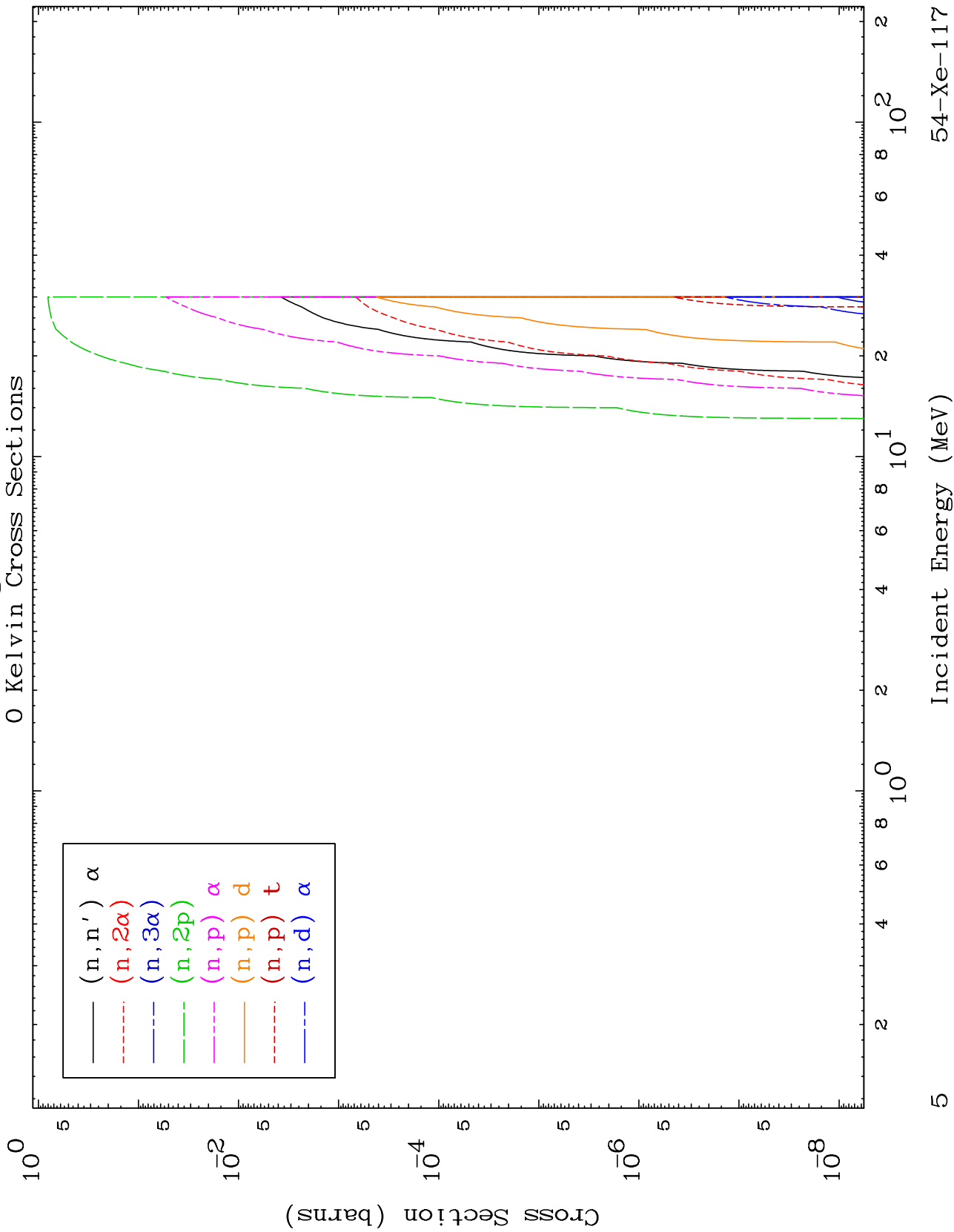
54-Xe-117



4

Incident Energy (MeV)

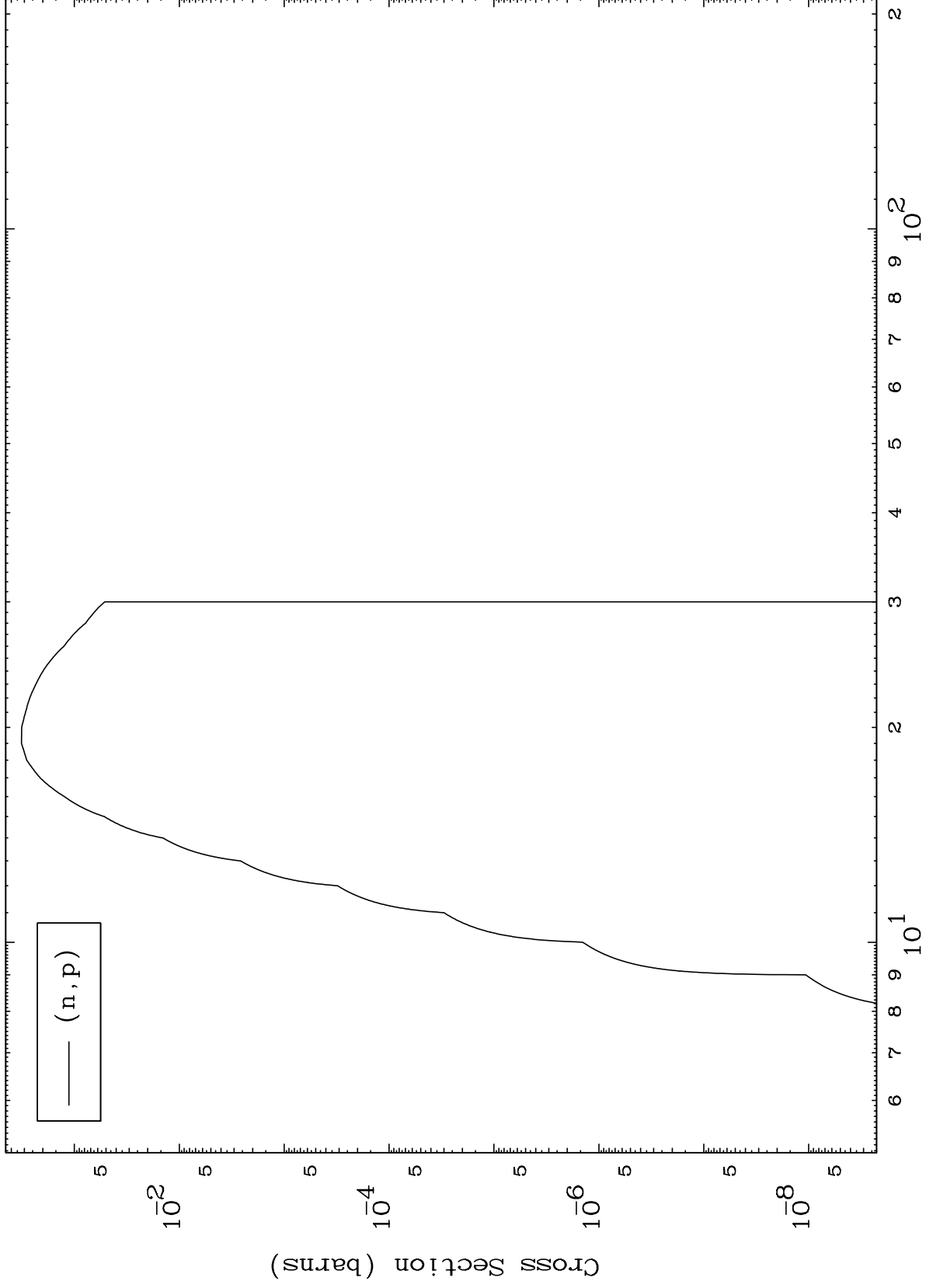
54-Xe-117



MAT 5404

54-Xe-117

(α, p) Levels
0 Kelvin Cross Sections



(n, p)

54-Xe-117

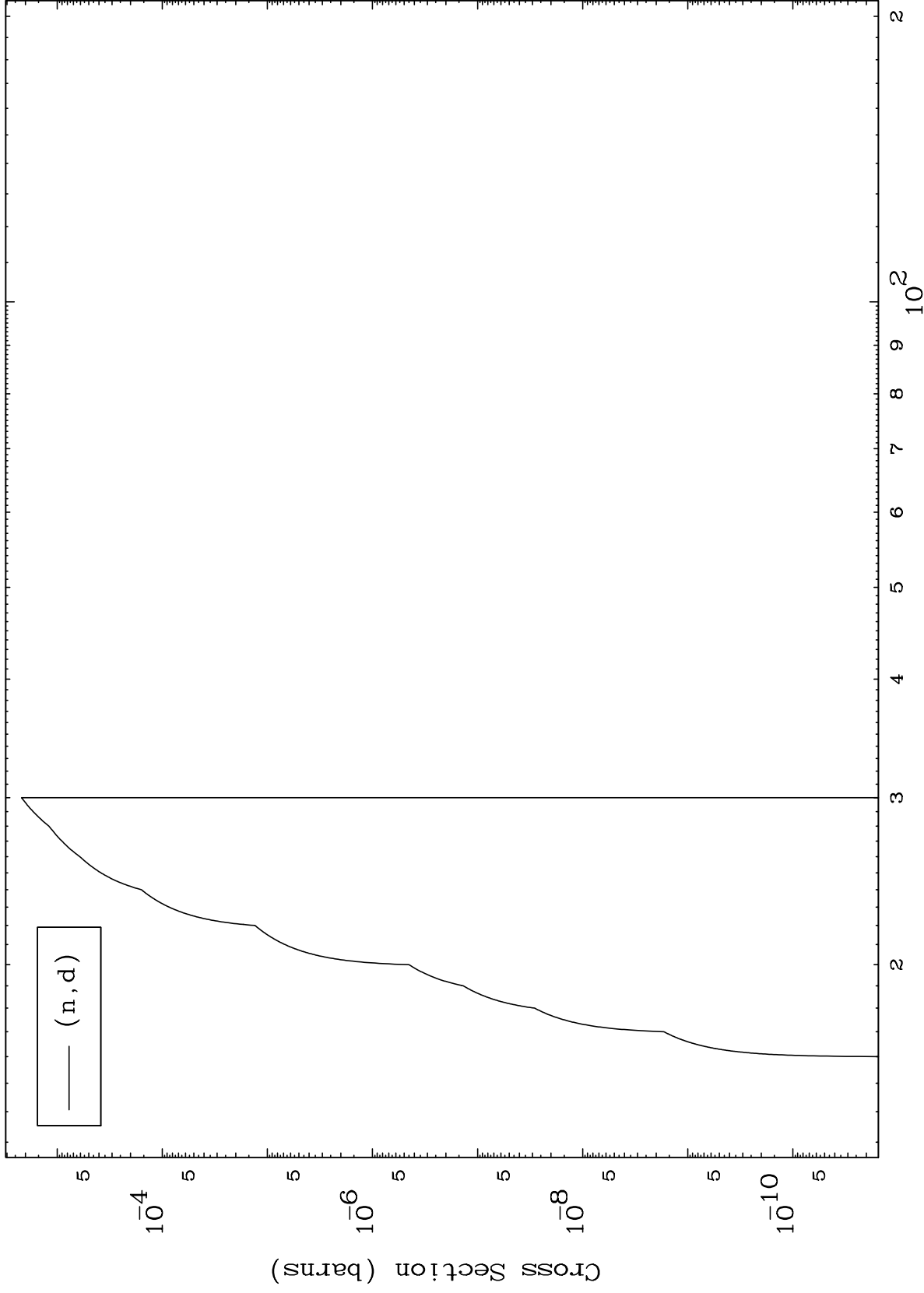
Incident Energy (MeV)

6

MAT 5404

(α, d) Levels
0 Kelvin Cross Sections

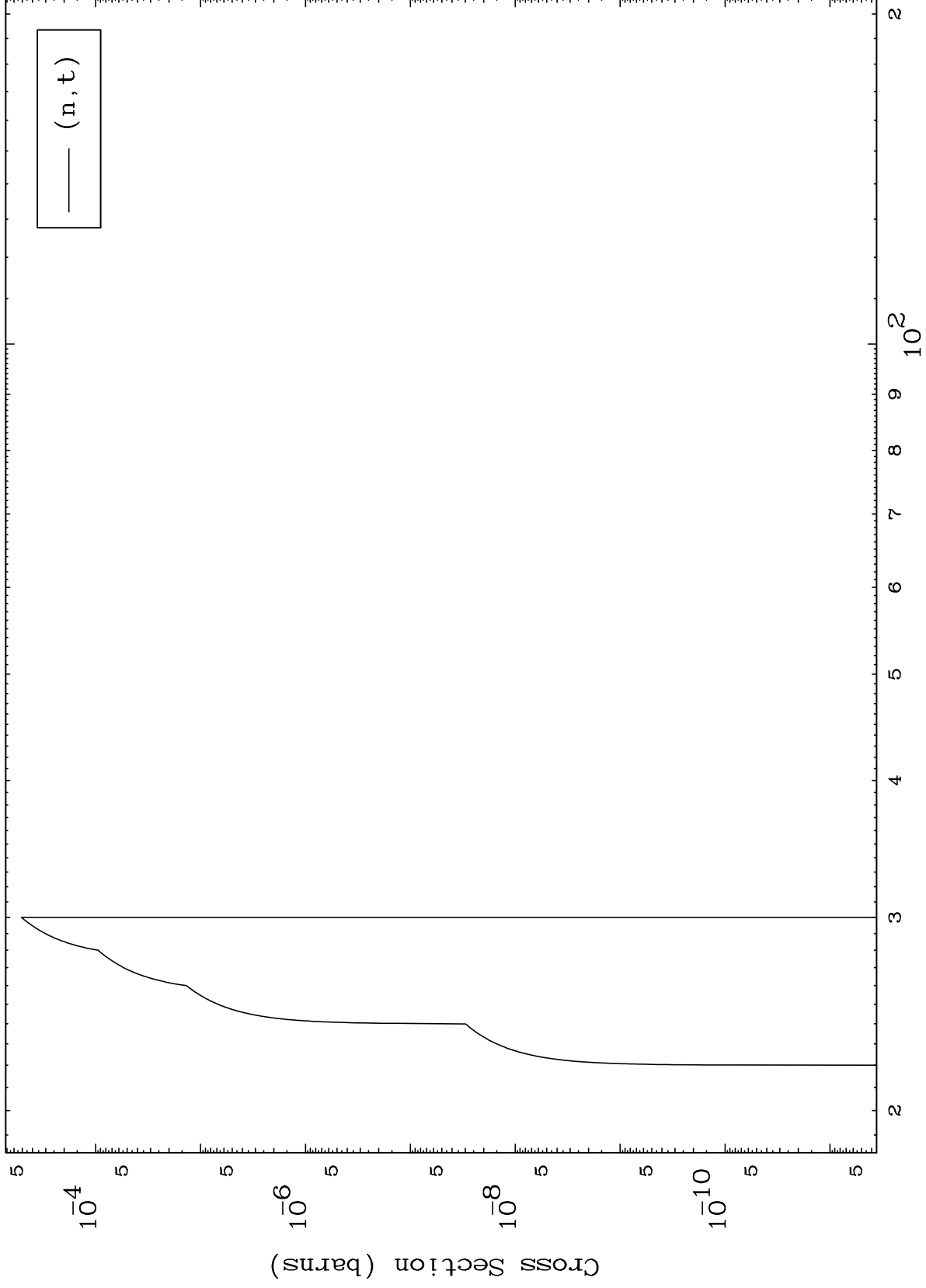
54-Xe-117



MAT 5404

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-117



8

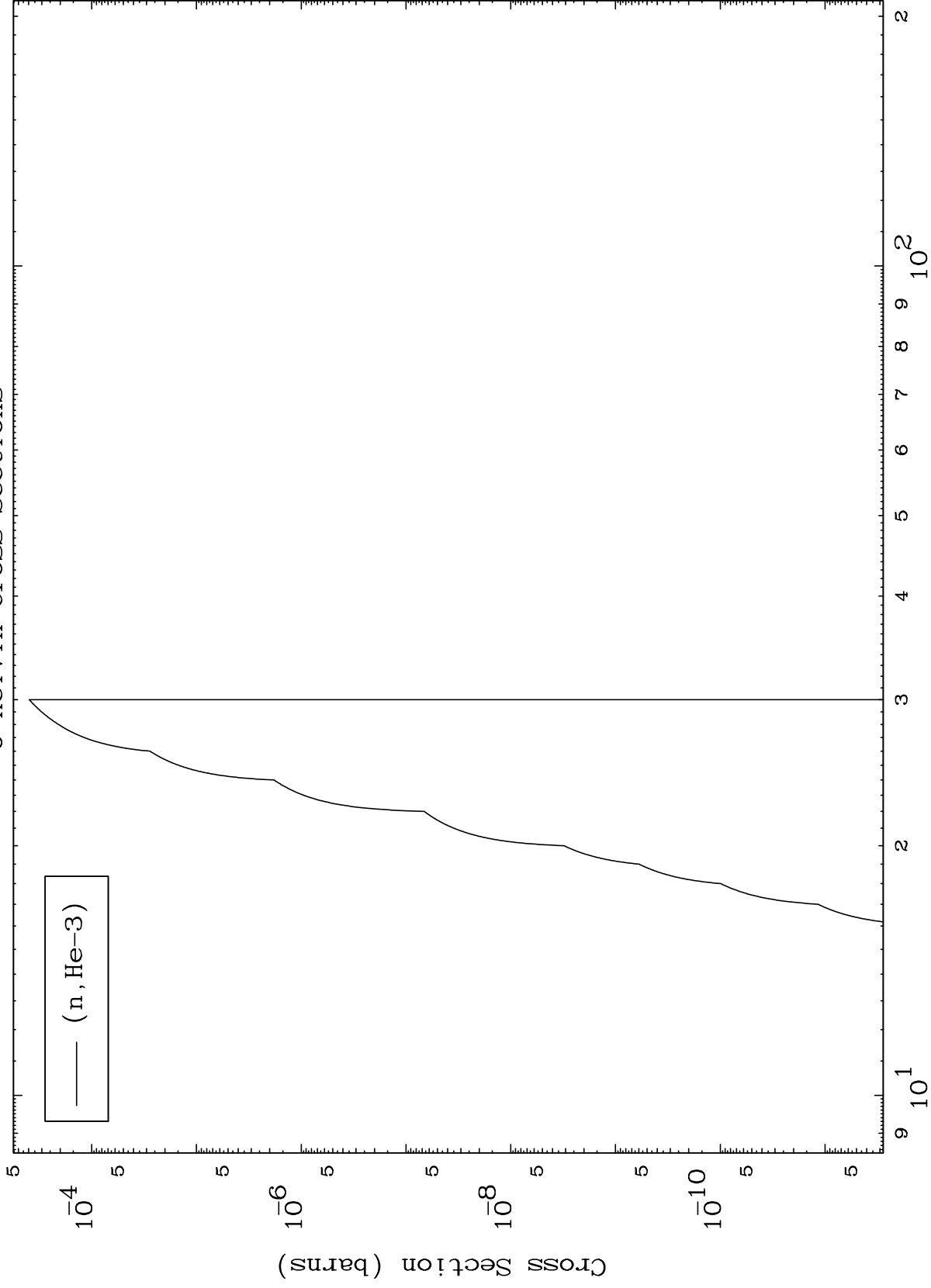
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



9

Incident Energy (MeV)

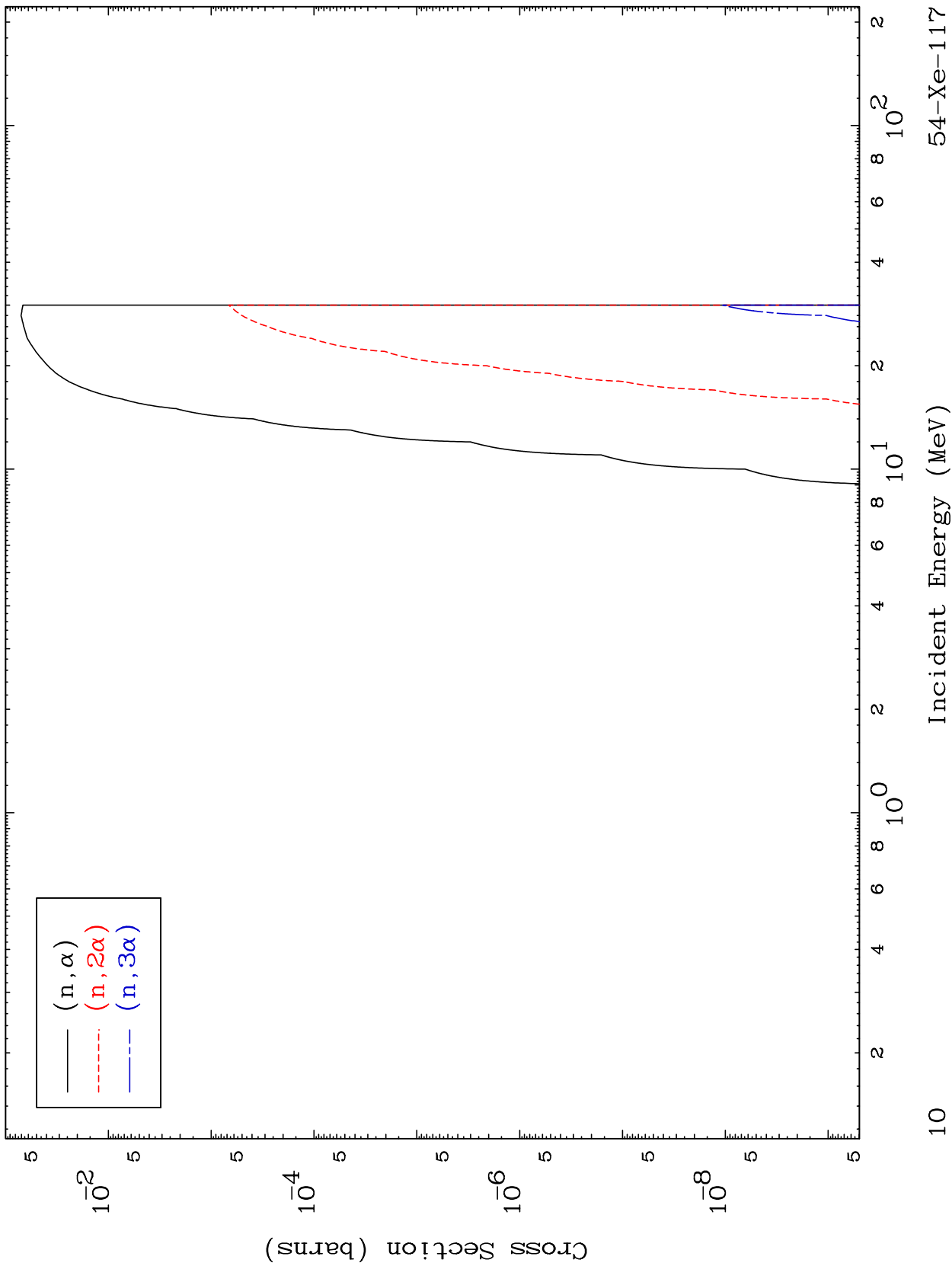
54-Xe-117

MAT 5404

(α, α) Levels

54-Xe-117

0 Kelvin Cross Sections

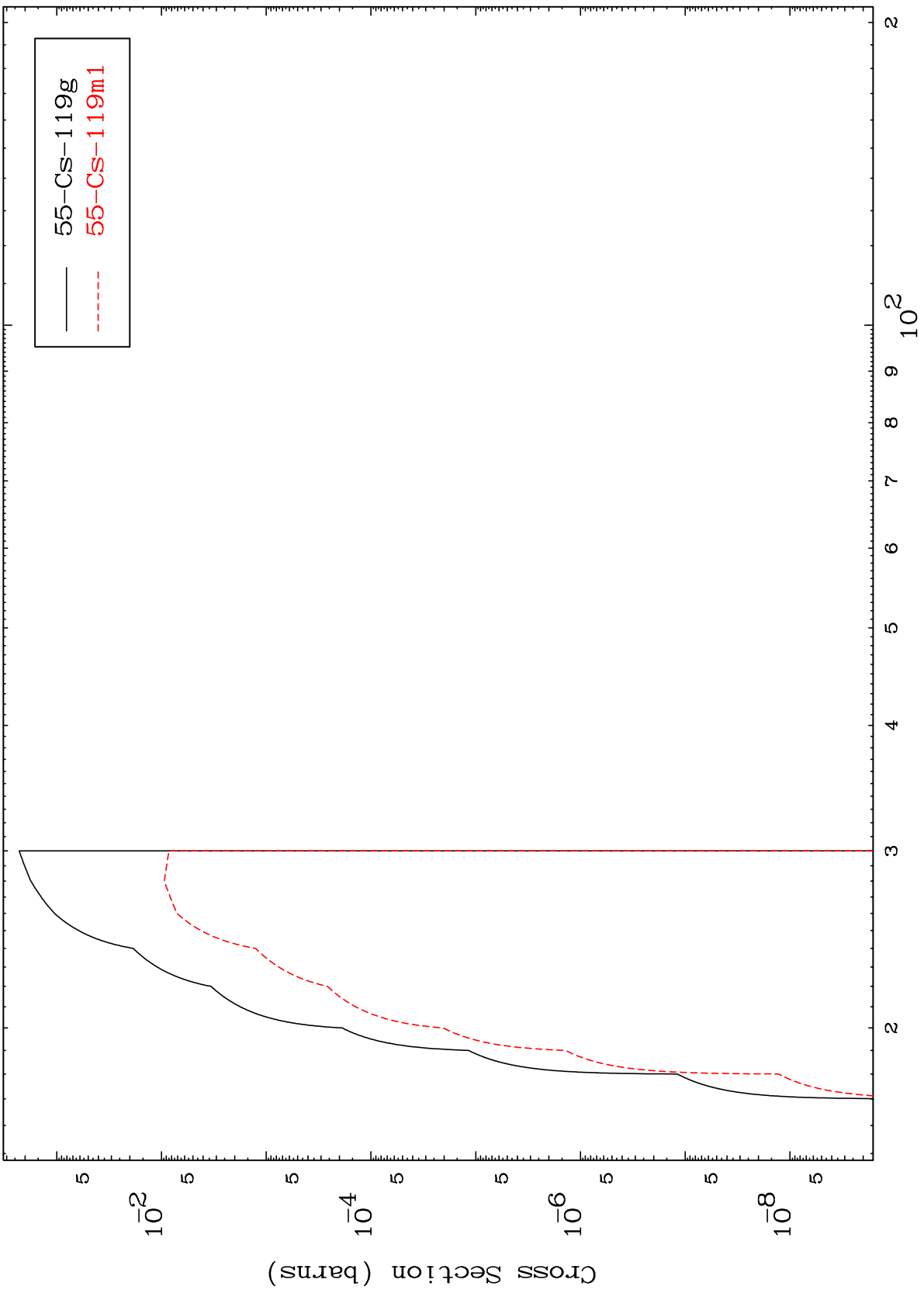


10

Incident Energy (MeV)

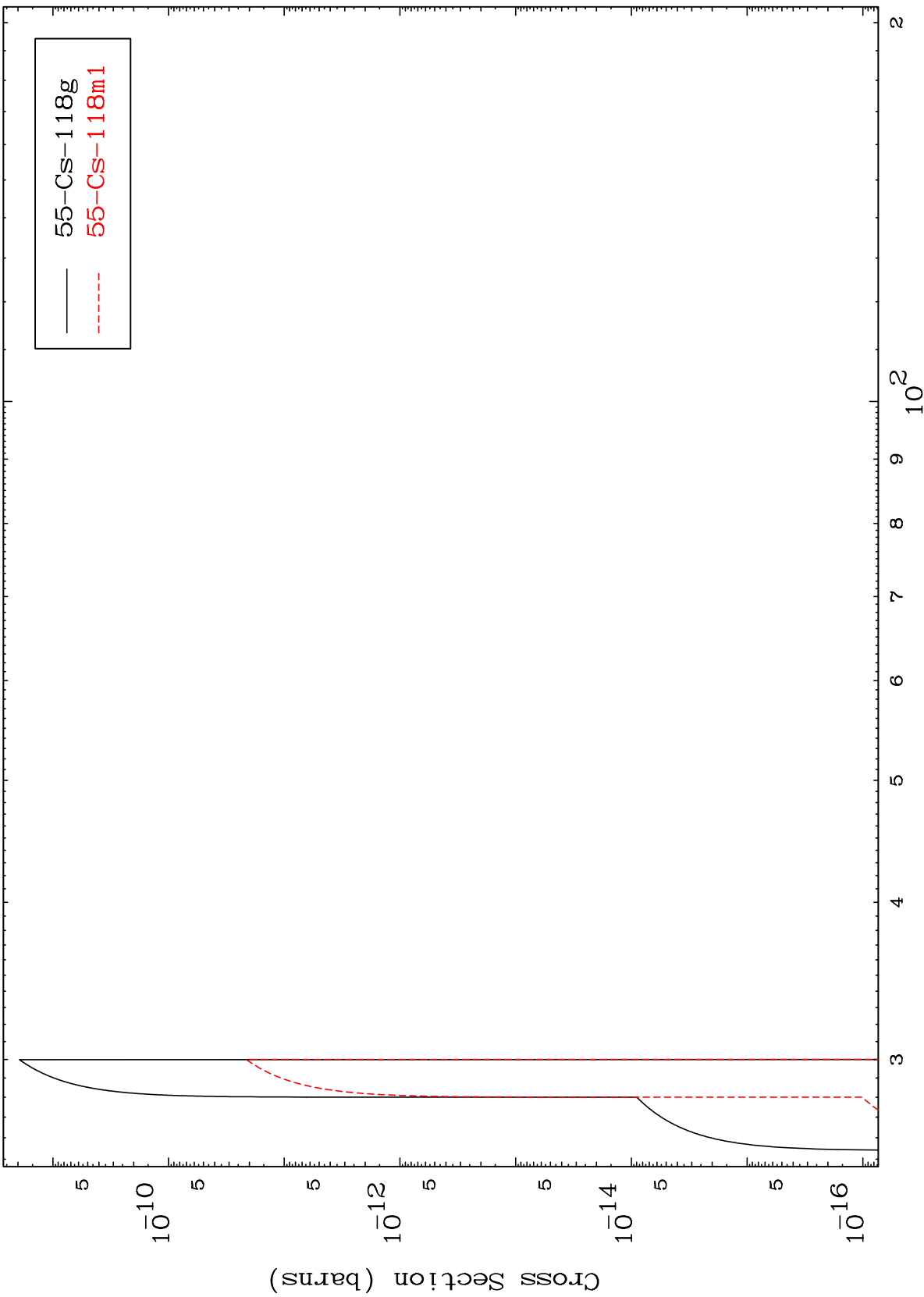
54-Xe-117

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

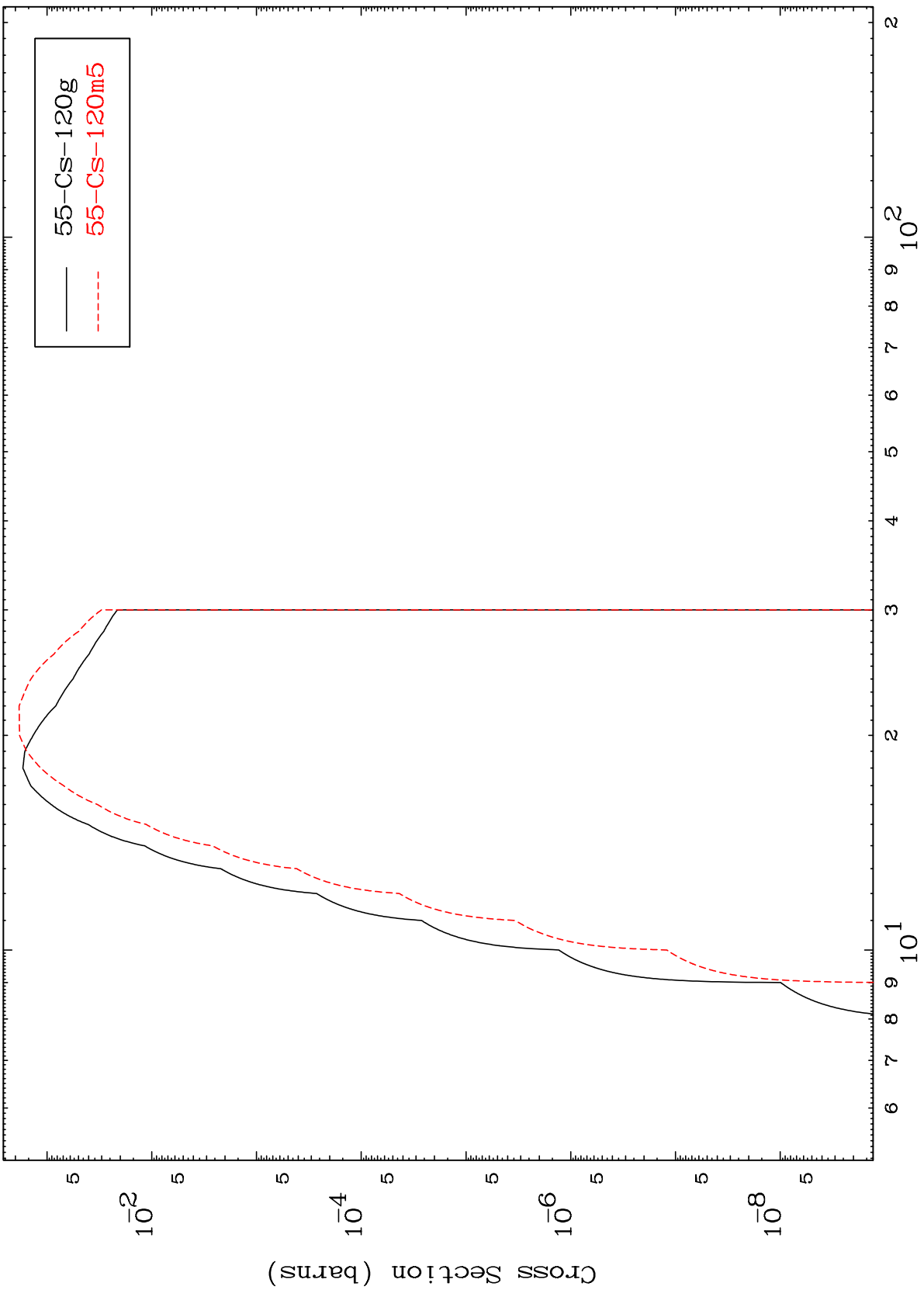


55-Cs-118g
55-Cs-118m1

MAT 5404

54-Xe-117

(n,p)
Radionuclide Production Cross Section



13

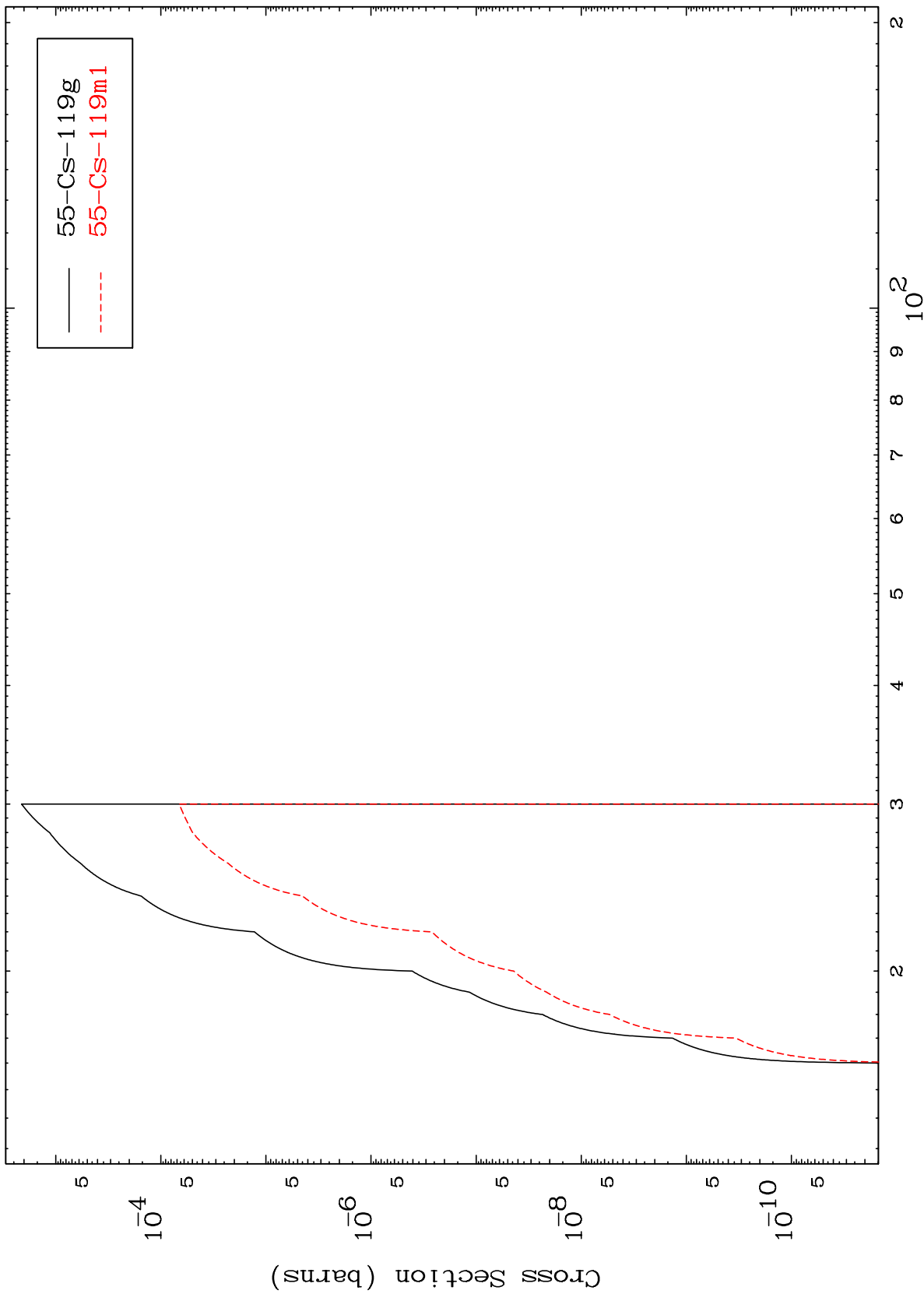
Incident Energy (MeV)

54-Xe-117

MAT 5404

54-Xe-117

(n,d)
Radionuclide Production Cross Section



54-Xe-117

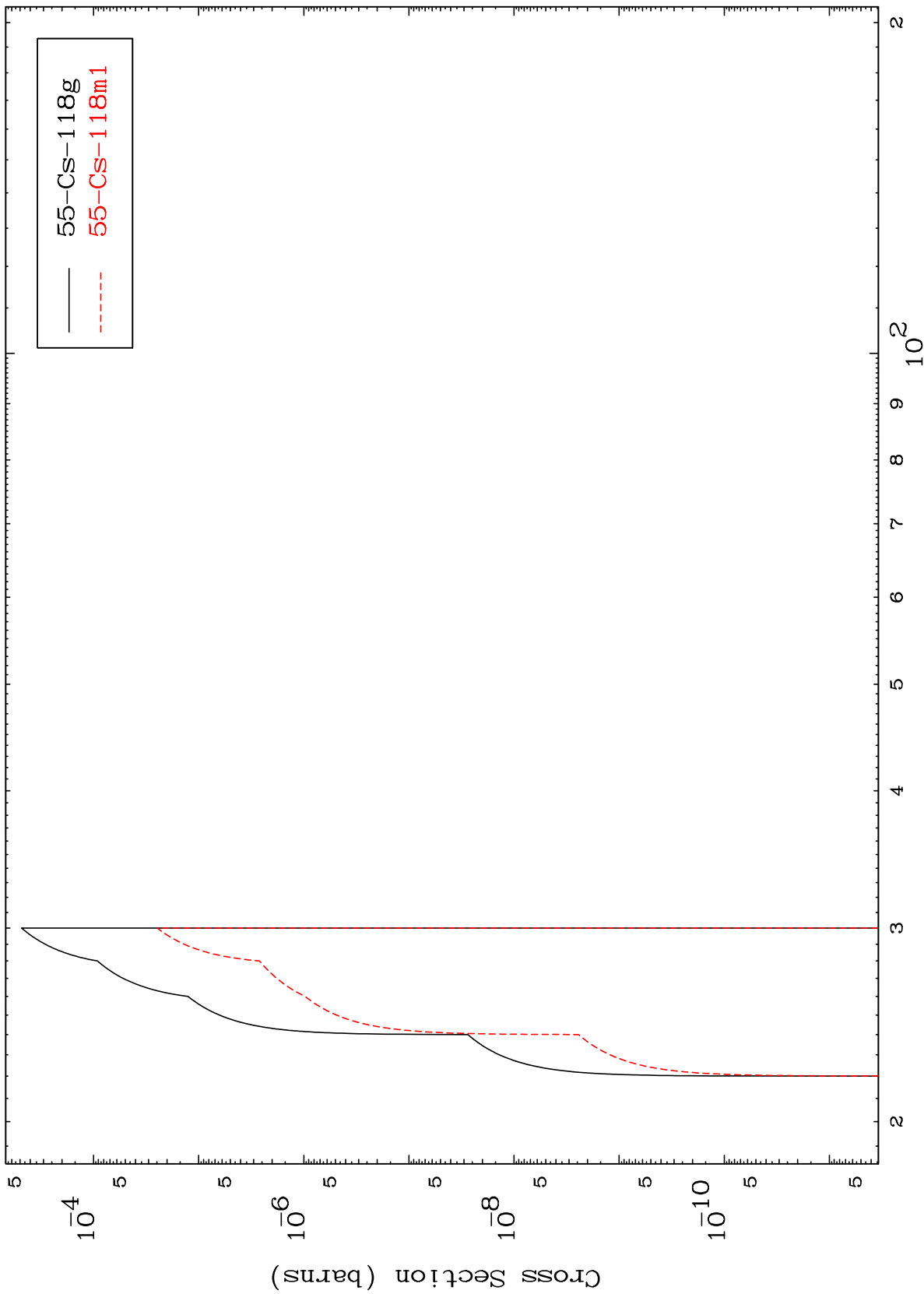
Incident Energy (MeV)

14

MAT 5404

54-Xe-117

(n,t)
Radionuclide Production Cross Section



54-Xe-117

Incident Energy (MeV)

15