

Program EVALPLOT
(Version 2021-1)

by

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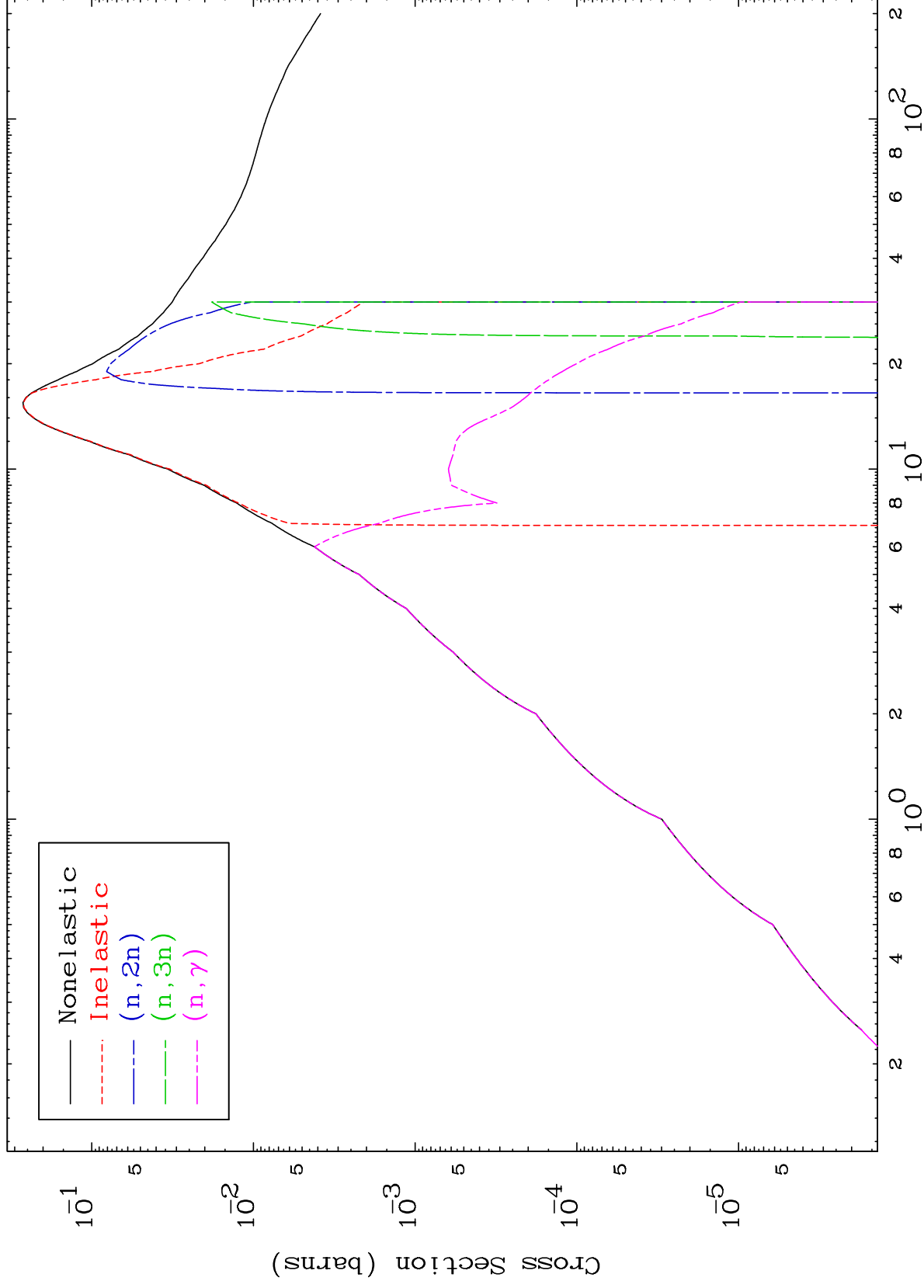
Press Mouse Button to Start

MAT 5440

Photon Major

54-Xe-129

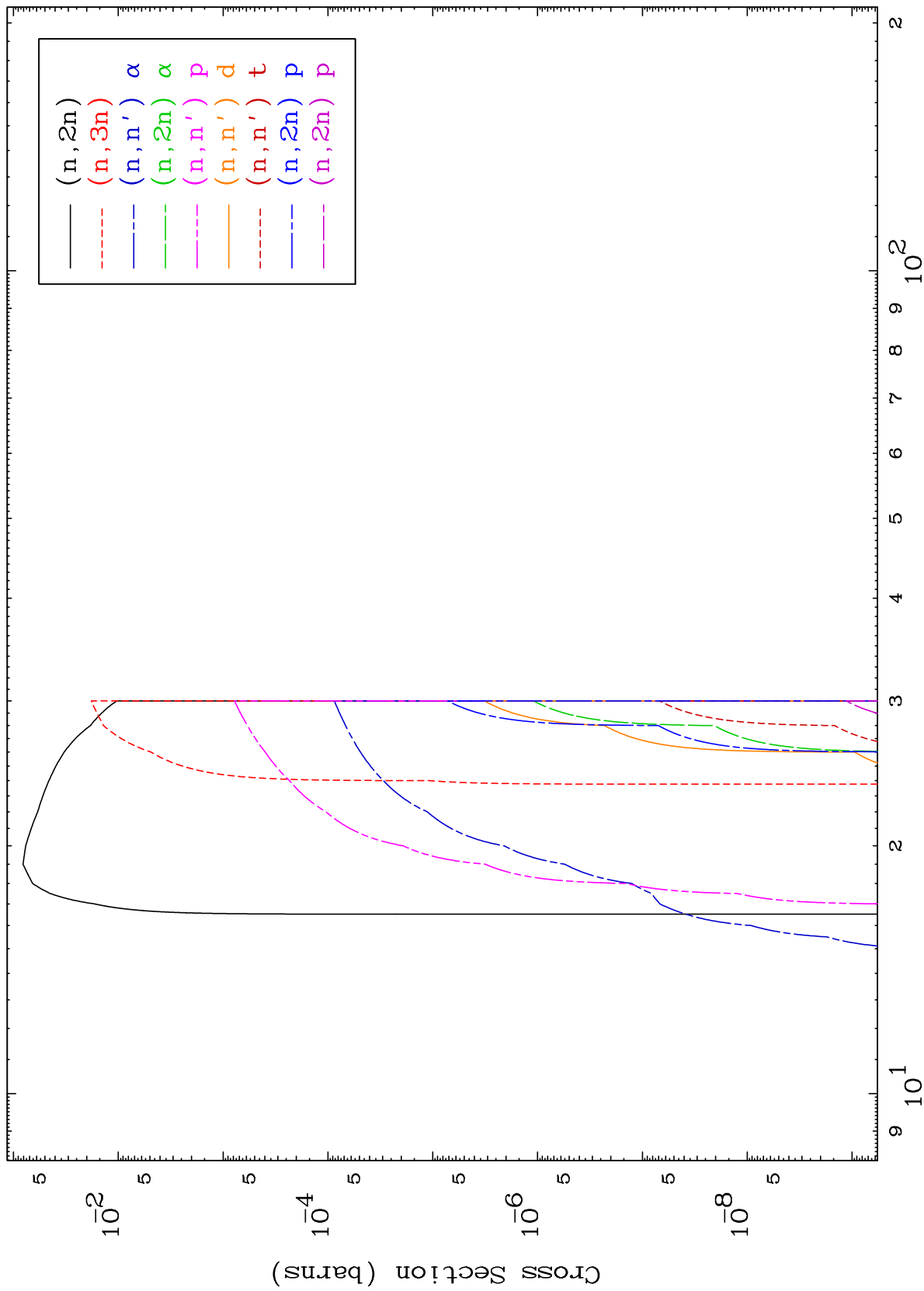
0 Kelvin Cross Sections



1

Incident Energy (MeV)

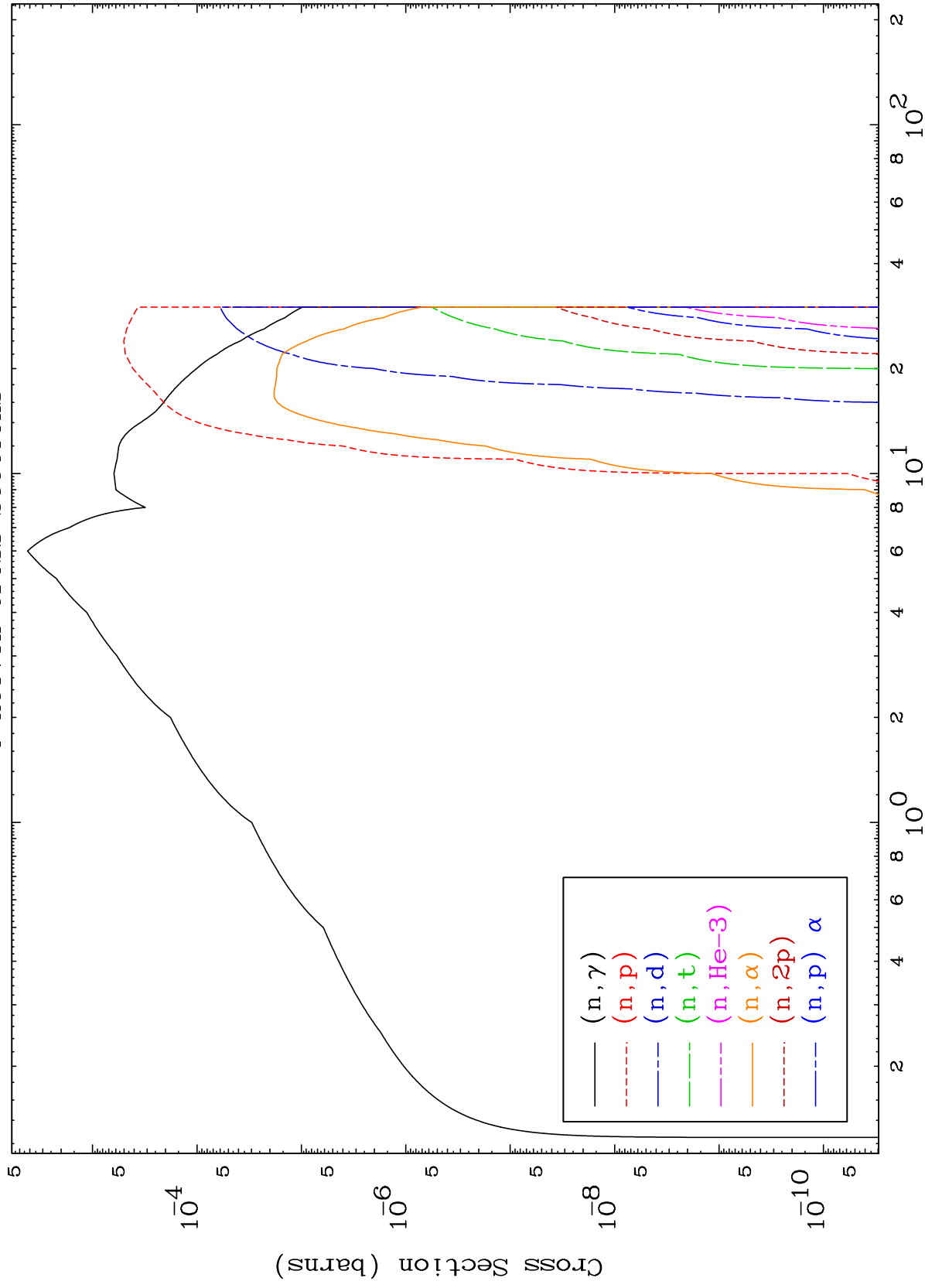
54-Xe-129



MAT 5440

Photon Neutron Absorption
0 Kelvin Cross Sections

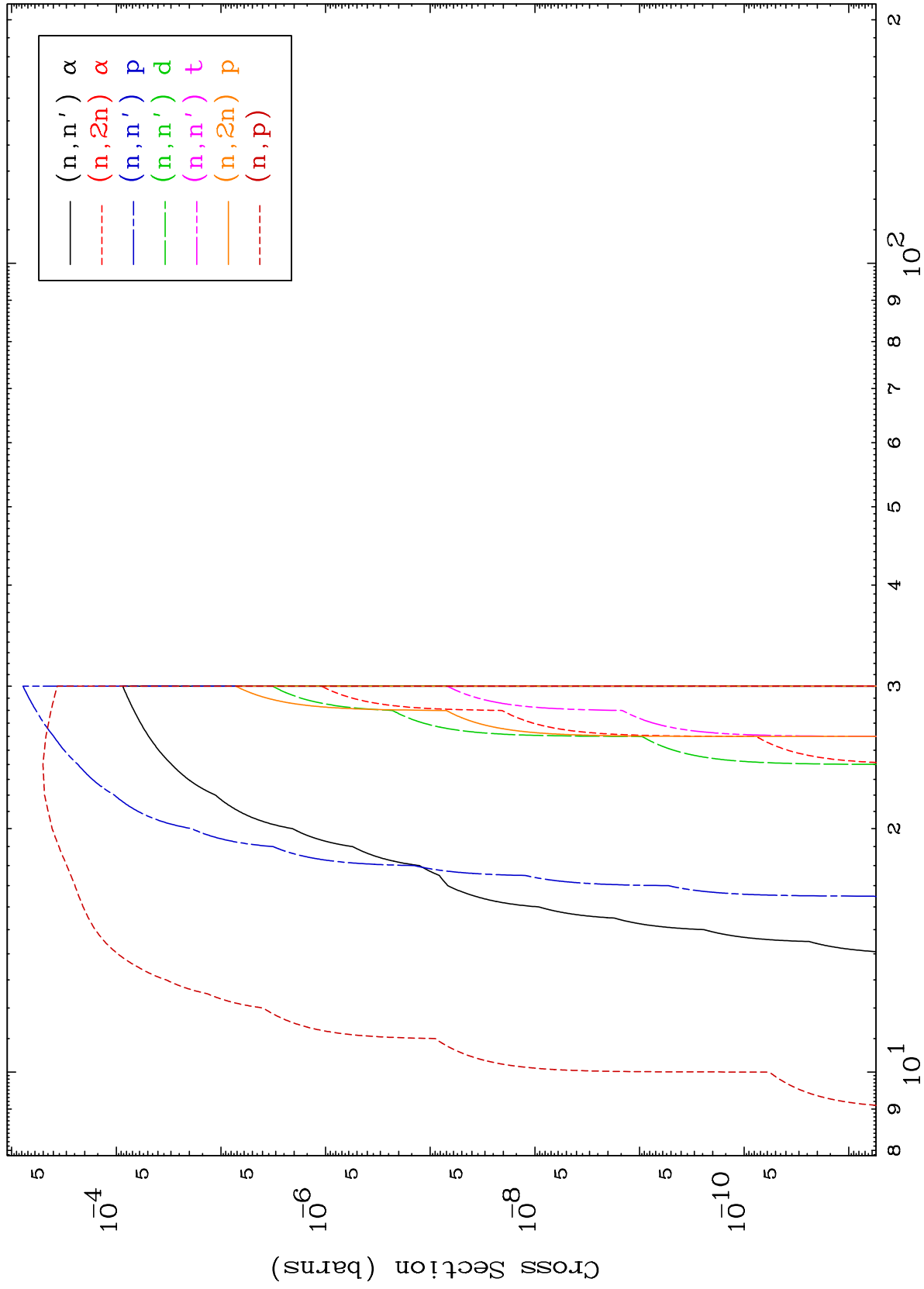
54-Xe-129



MAT 5440

Photon Charged Particle
0 Kelvin Cross Sections

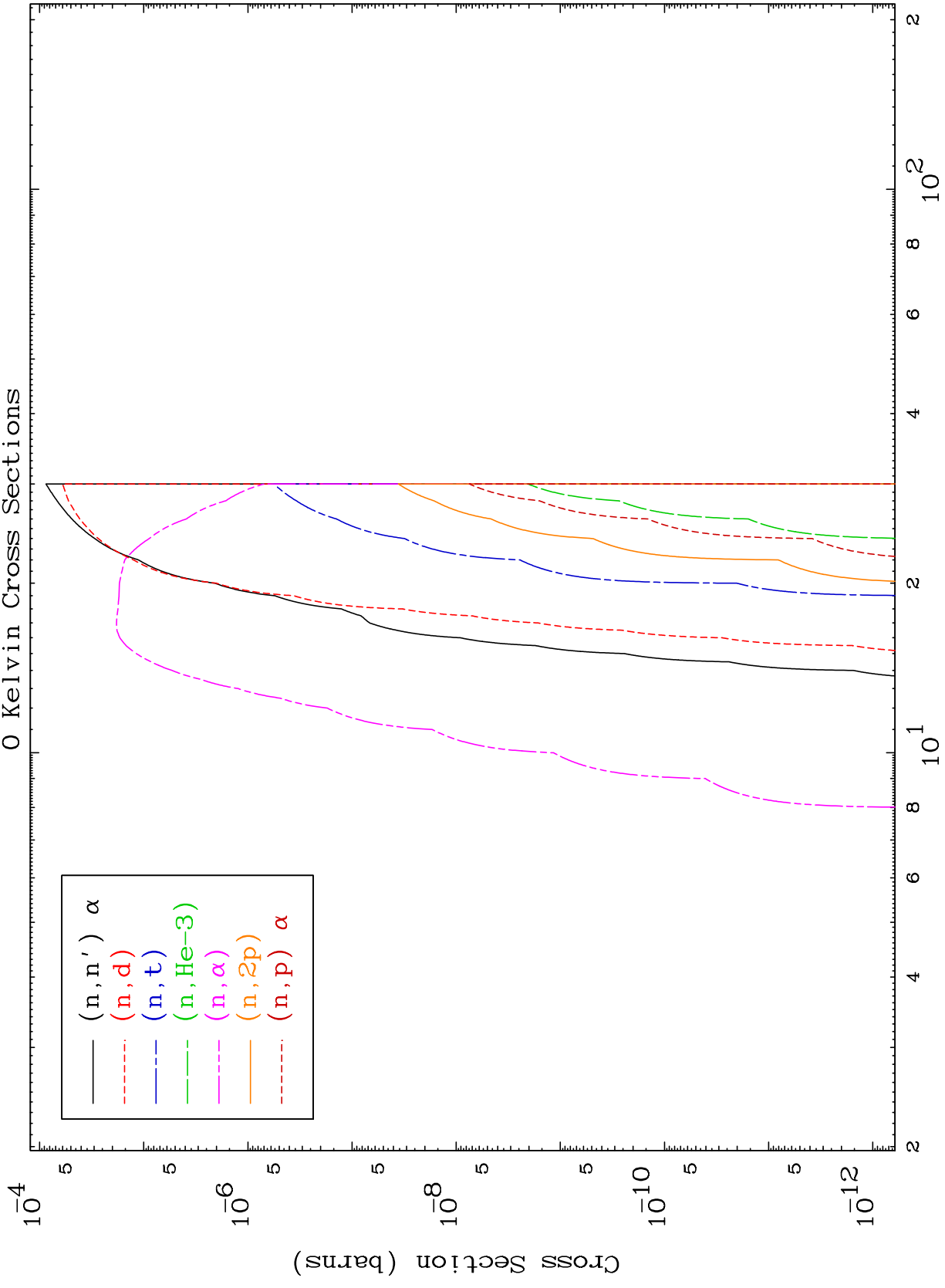
54-Xe-129



4

Incident Energy (MeV)

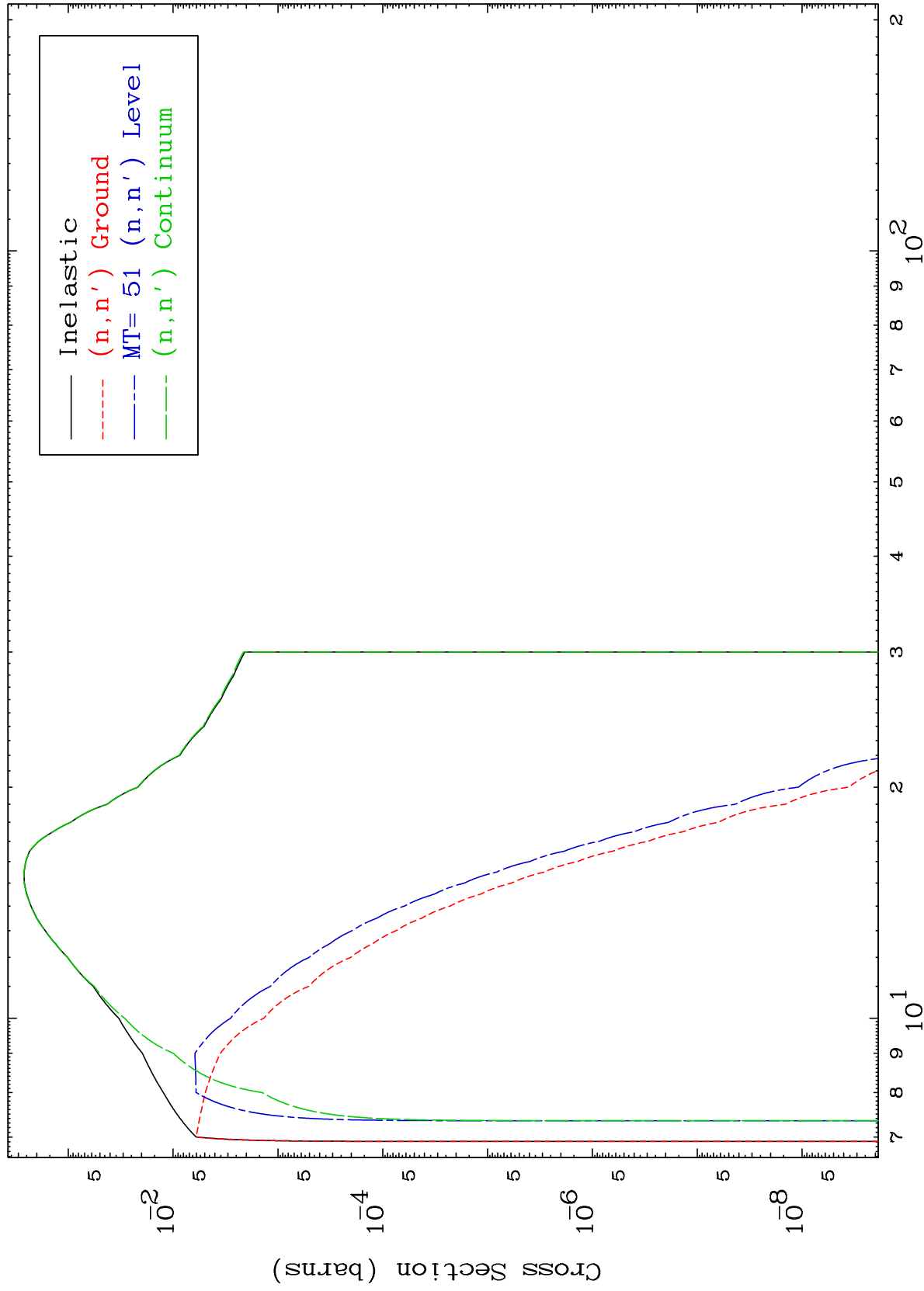
54-Xe-129



MAT 5440

54-Xe-129

(γ, n') Levels
0 Kelvin Cross Sections



6

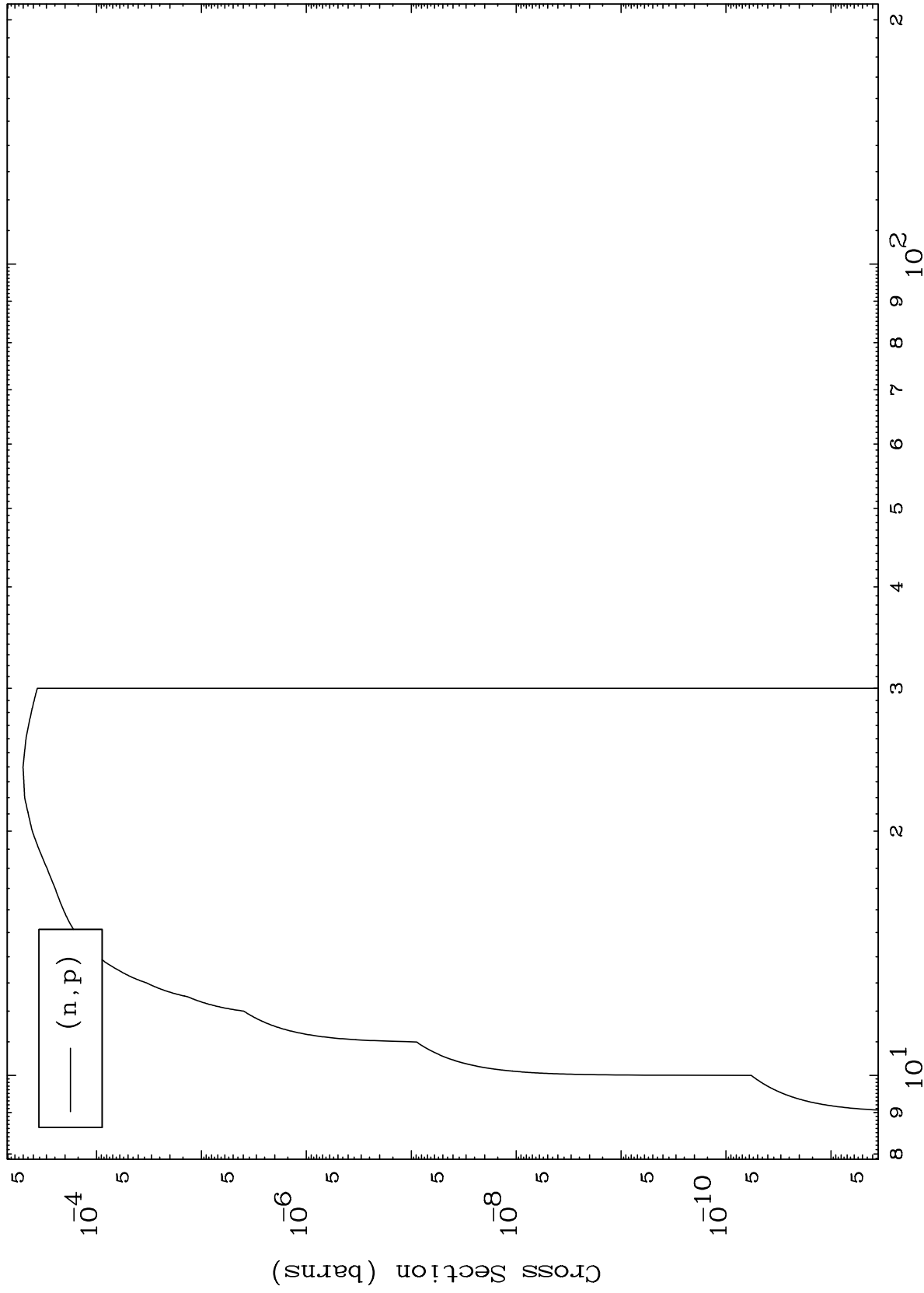
Incident Energy (MeV)

54-Xe-129

MAT 5440

54-Xe-129

(γ ,p) Levels
0 Kelvin Cross Sections



7

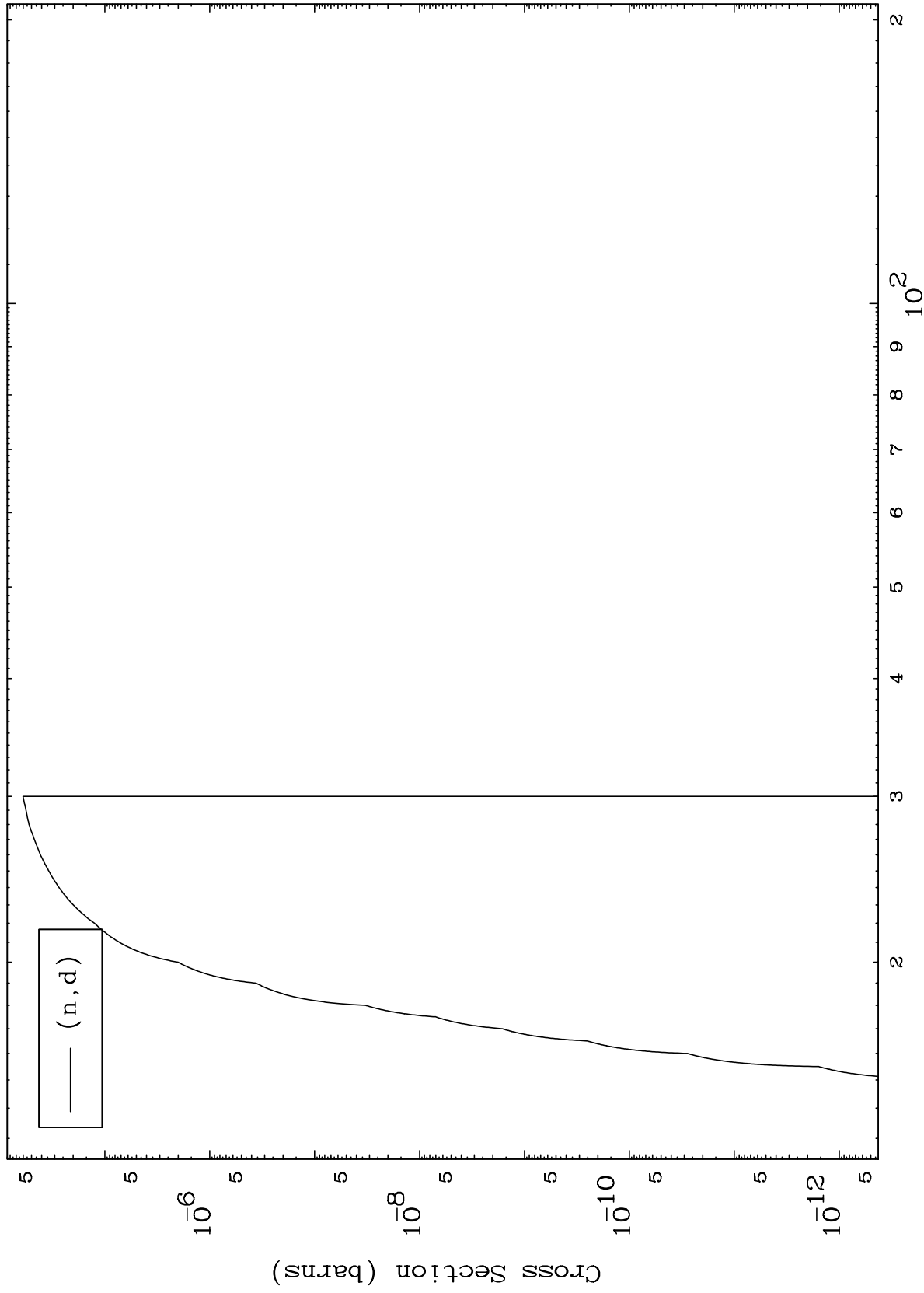
Incident Energy (MeV)

54-Xe-129

MAT 5440

54-Xe-129

(γ, d) Levels
0 Kelvin Cross Sections



8

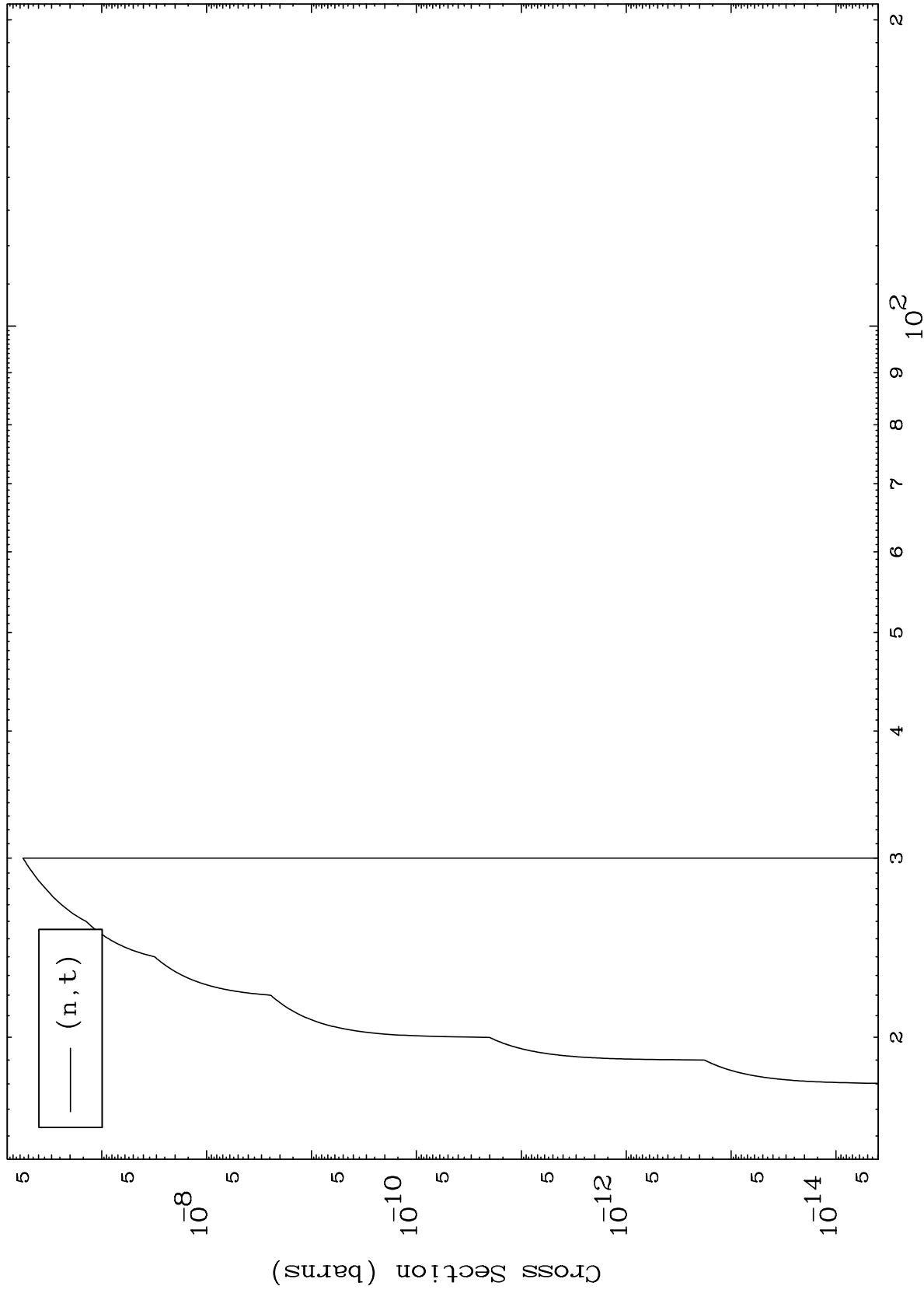
54-Xe-129

Incident Energy (MeV)

MAT 5440

54-Xe-129

(γ, t) Levels
0 Kelvin Cross Sections



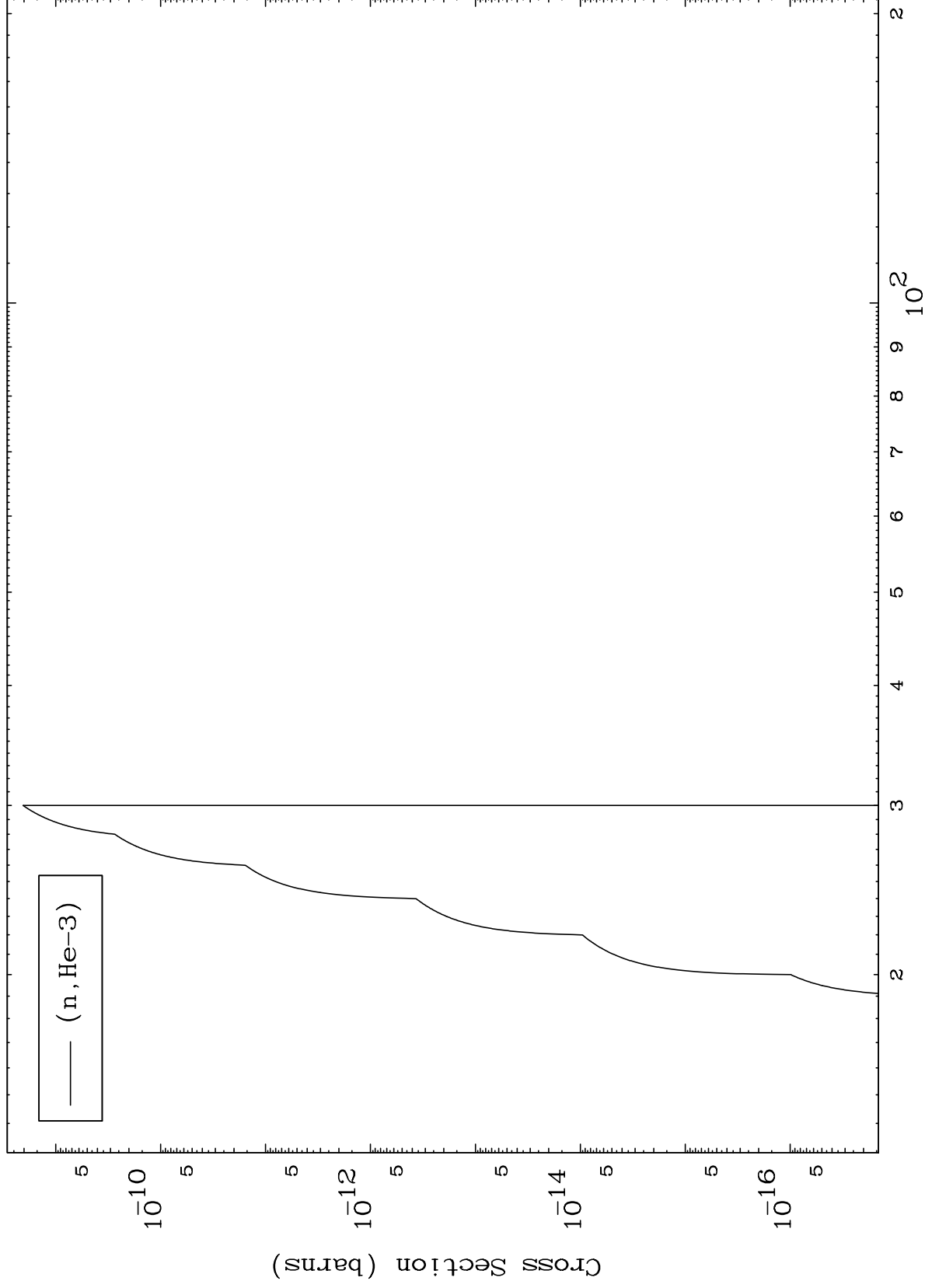
9

54-Xe-129

MAT 5440

(γ ,He3) Levels
0 Kelvin Cross Sections

54-Xe-129



10

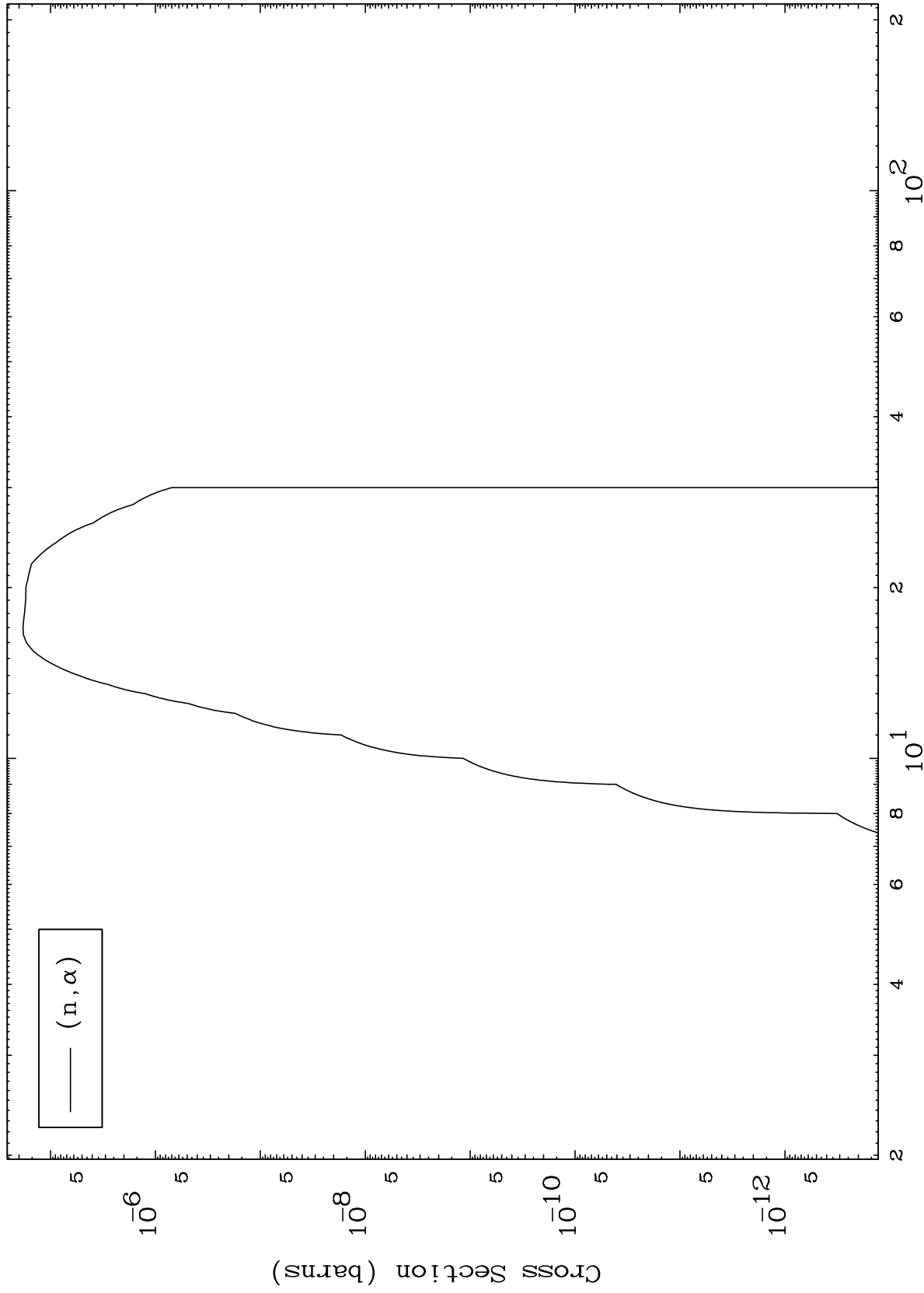
Incident Energy (MeV)

54-Xe-129

MAT 5440

54-Xe-129

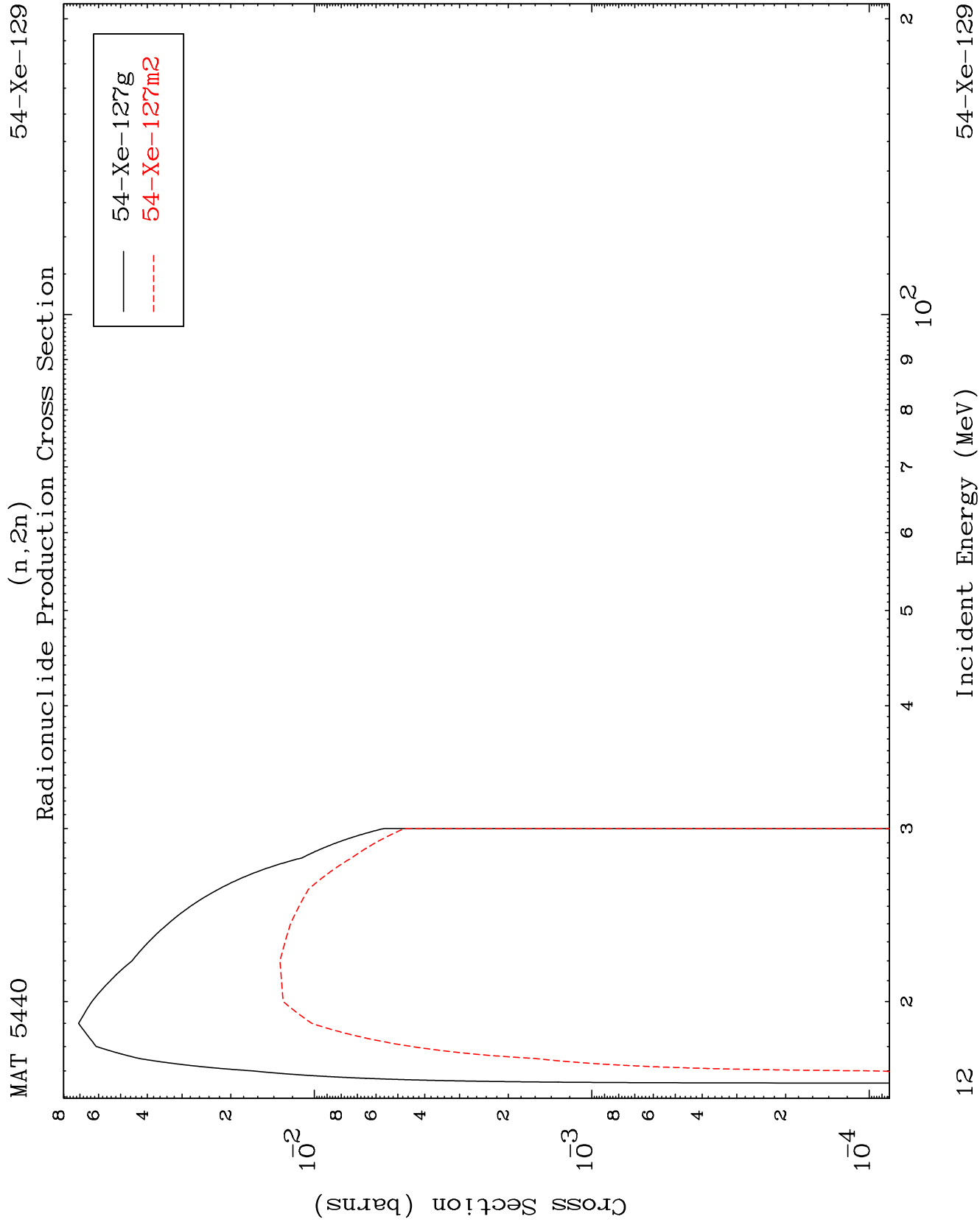
(γ, α) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

54-Xe-129

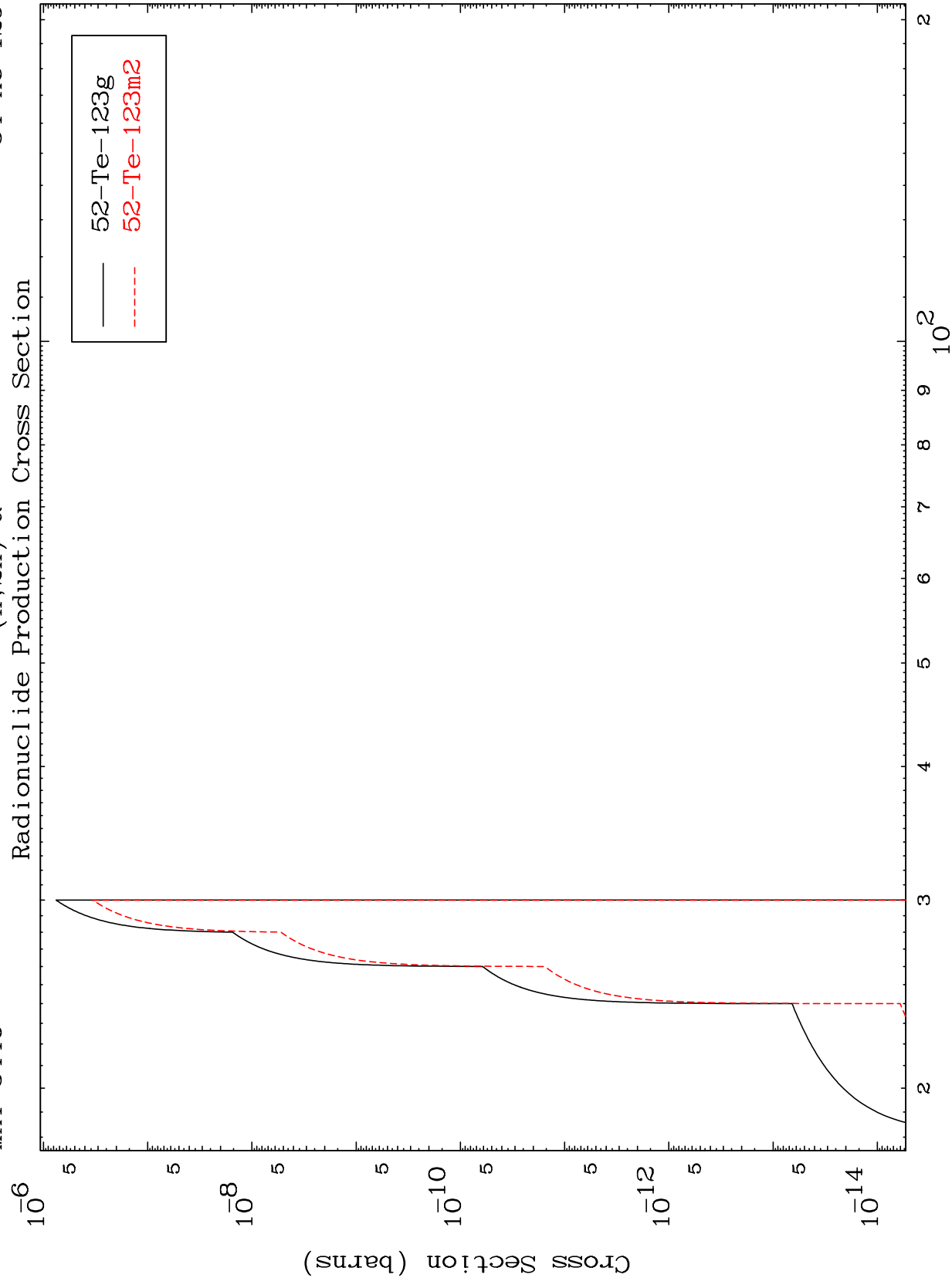


MAT 5440

$$(n, 2n) \propto$$

54-Xe-129

Radionuclide Production Cross Section



13

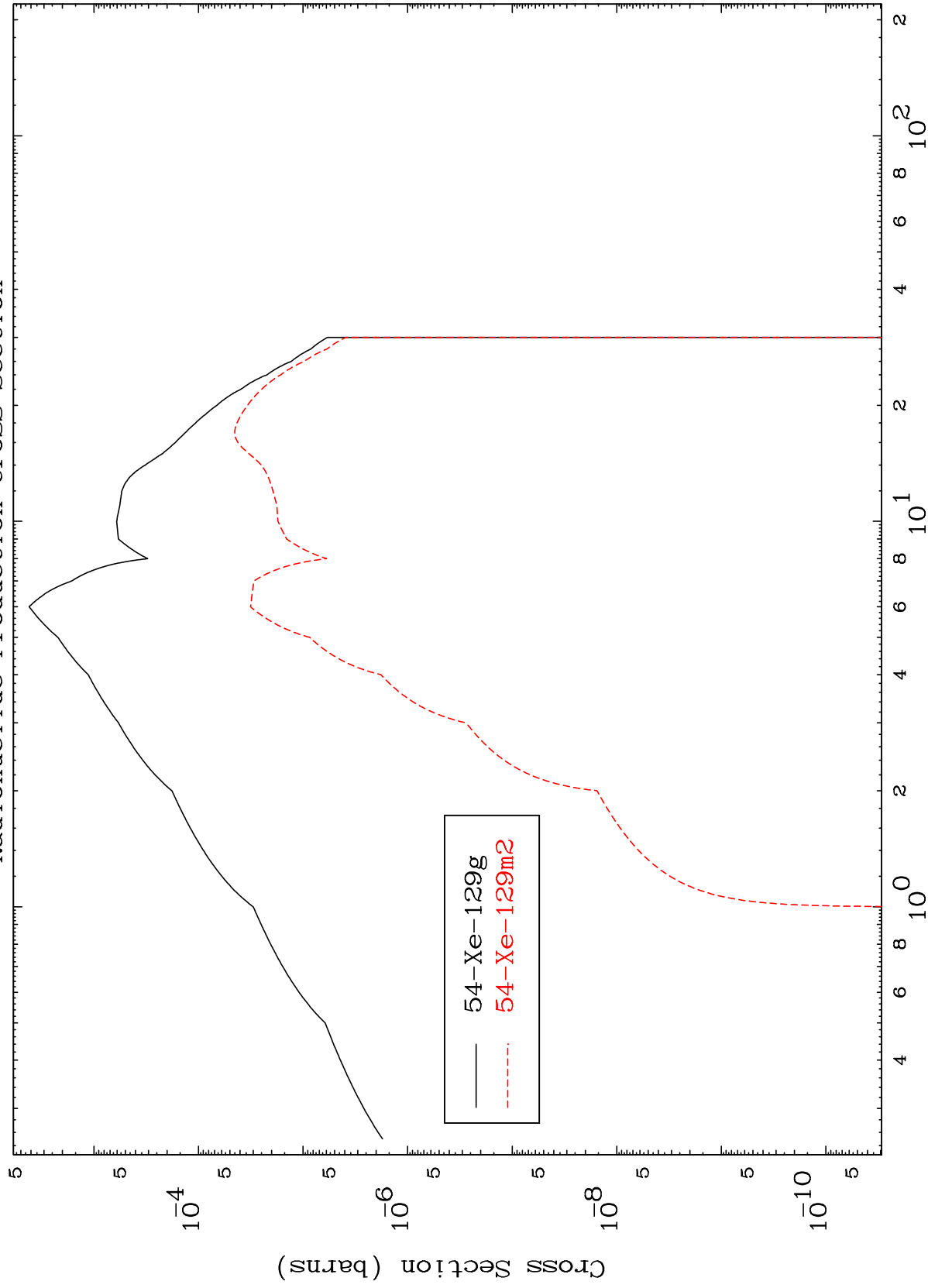
Incident Energy (MeV)

54-Xe-129

MAT 5440

54-Xe-129

(n, γ)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

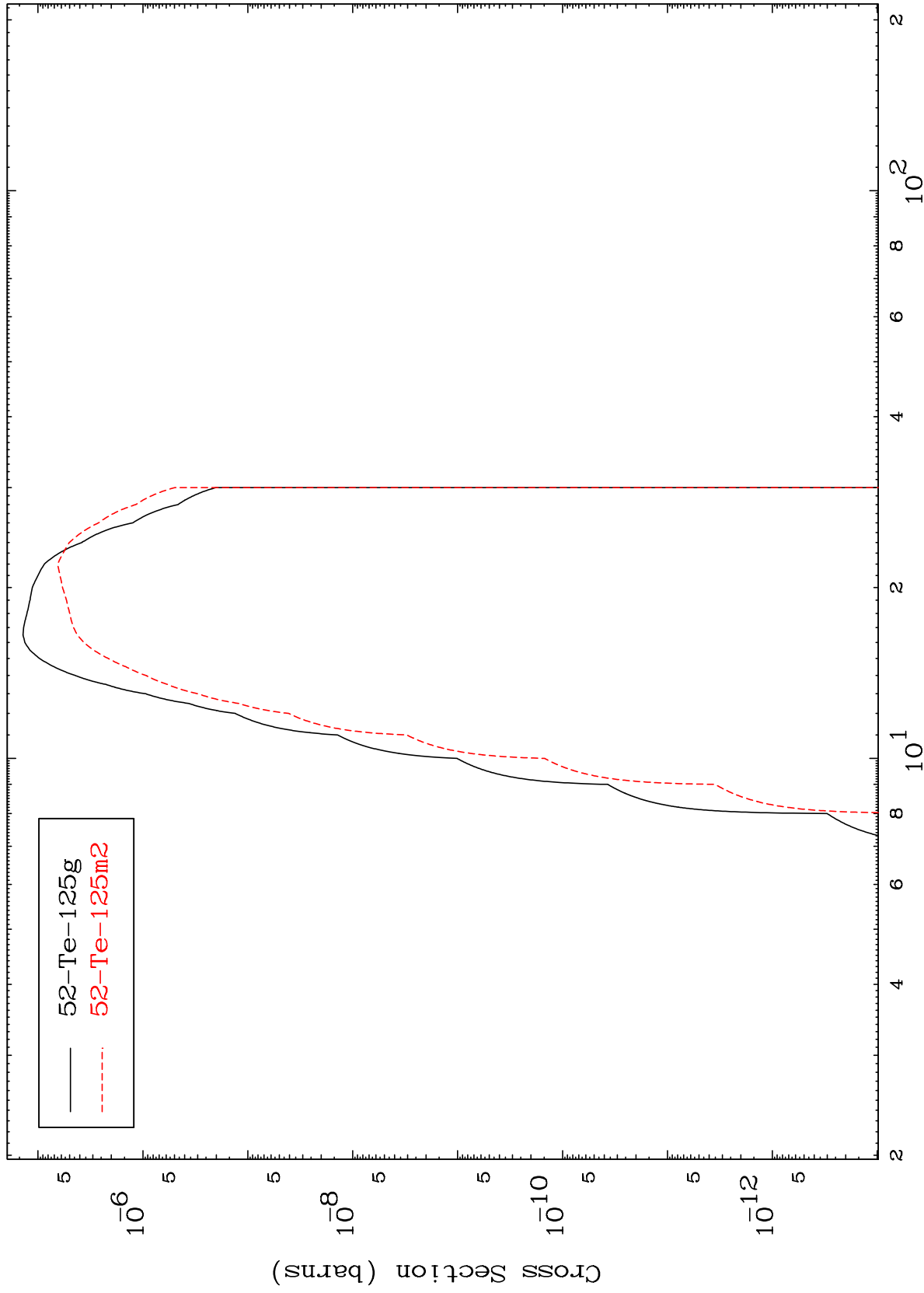
54-Xe-129

MAT 5440

54-Xe-129

Radionuclide Production Cross Section

(n, α)



15

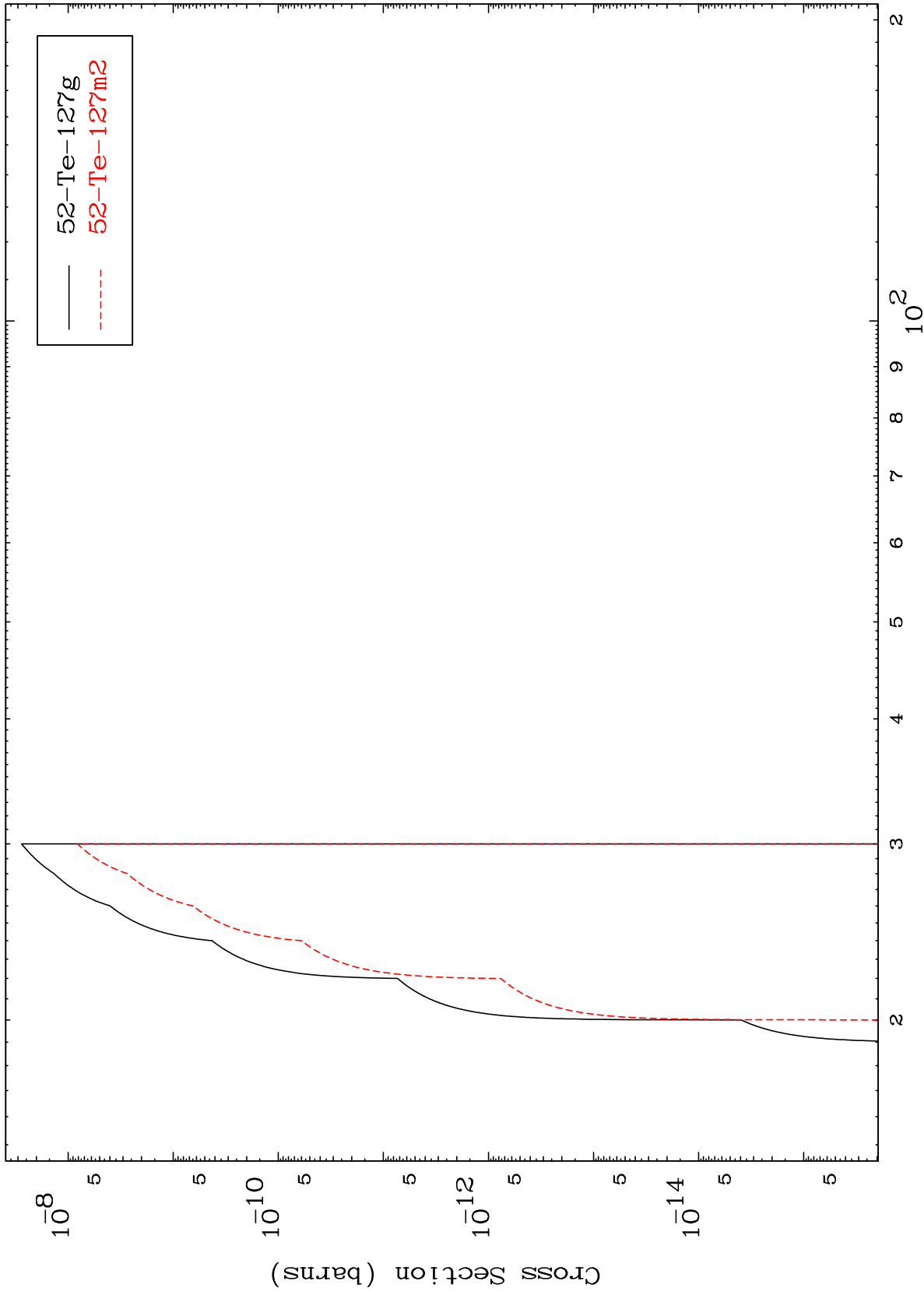
Incident Energy (MeV)

54-Xe-129

MAT 5440

54-Xe-129

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

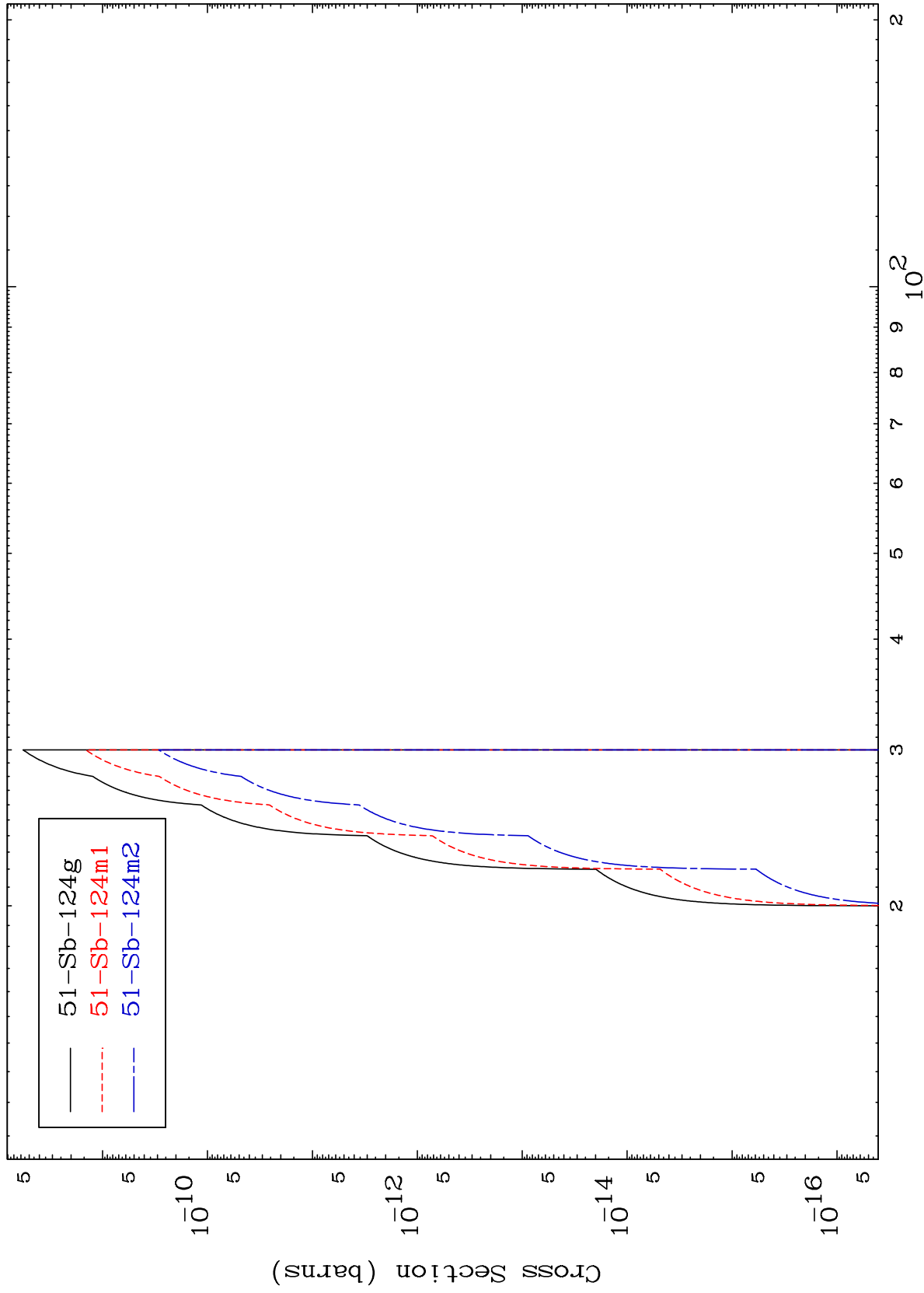
54-Xe-129

MAT 5440

(n,p) α

54-Xe-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

54-Xe-129