

Program EVALPLOT
(Version 2021-1)

by

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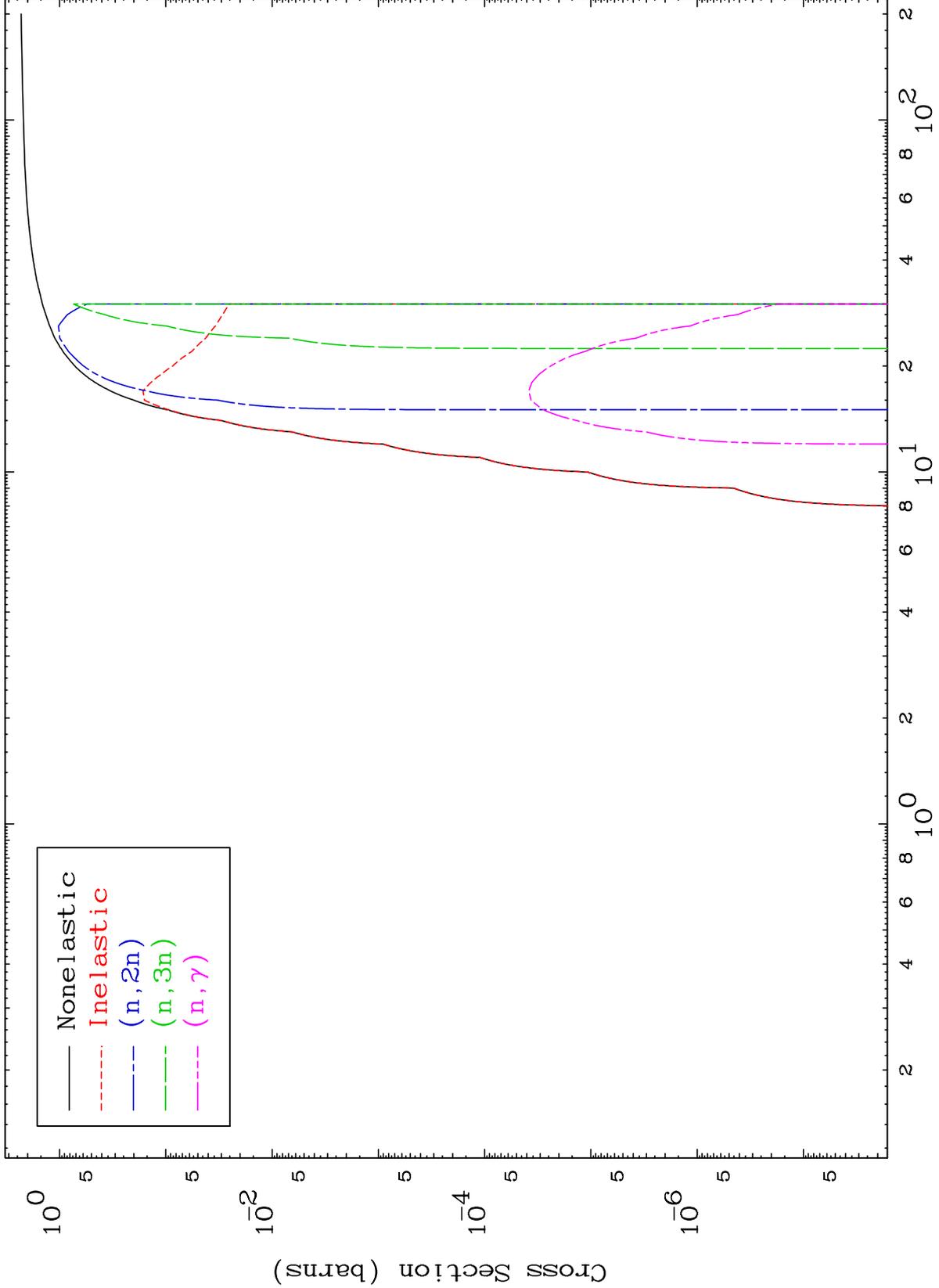
Press Mouse Button to Start

MAT 5446

α Major

54-Xe-131

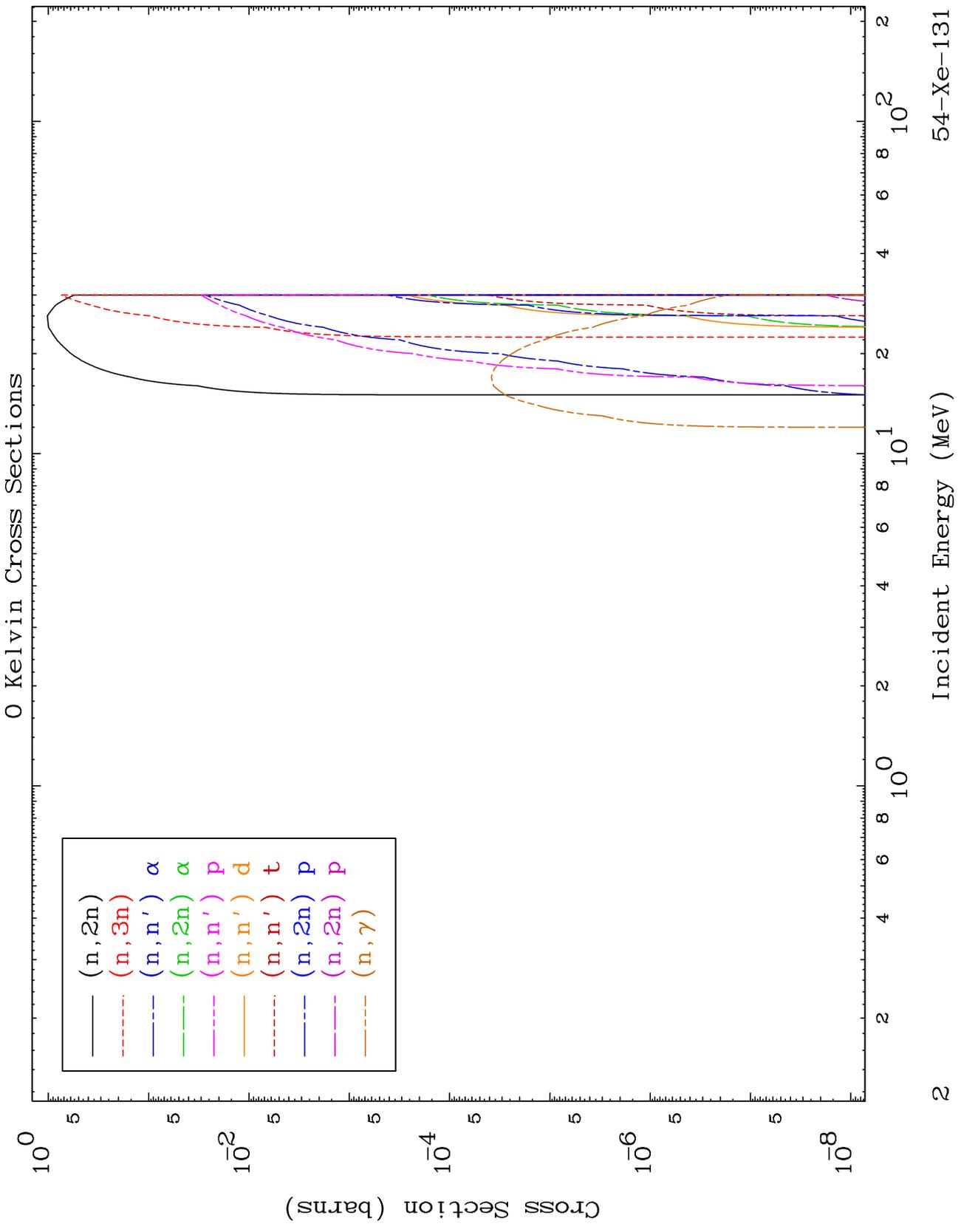
0 Kelvin Cross Sections



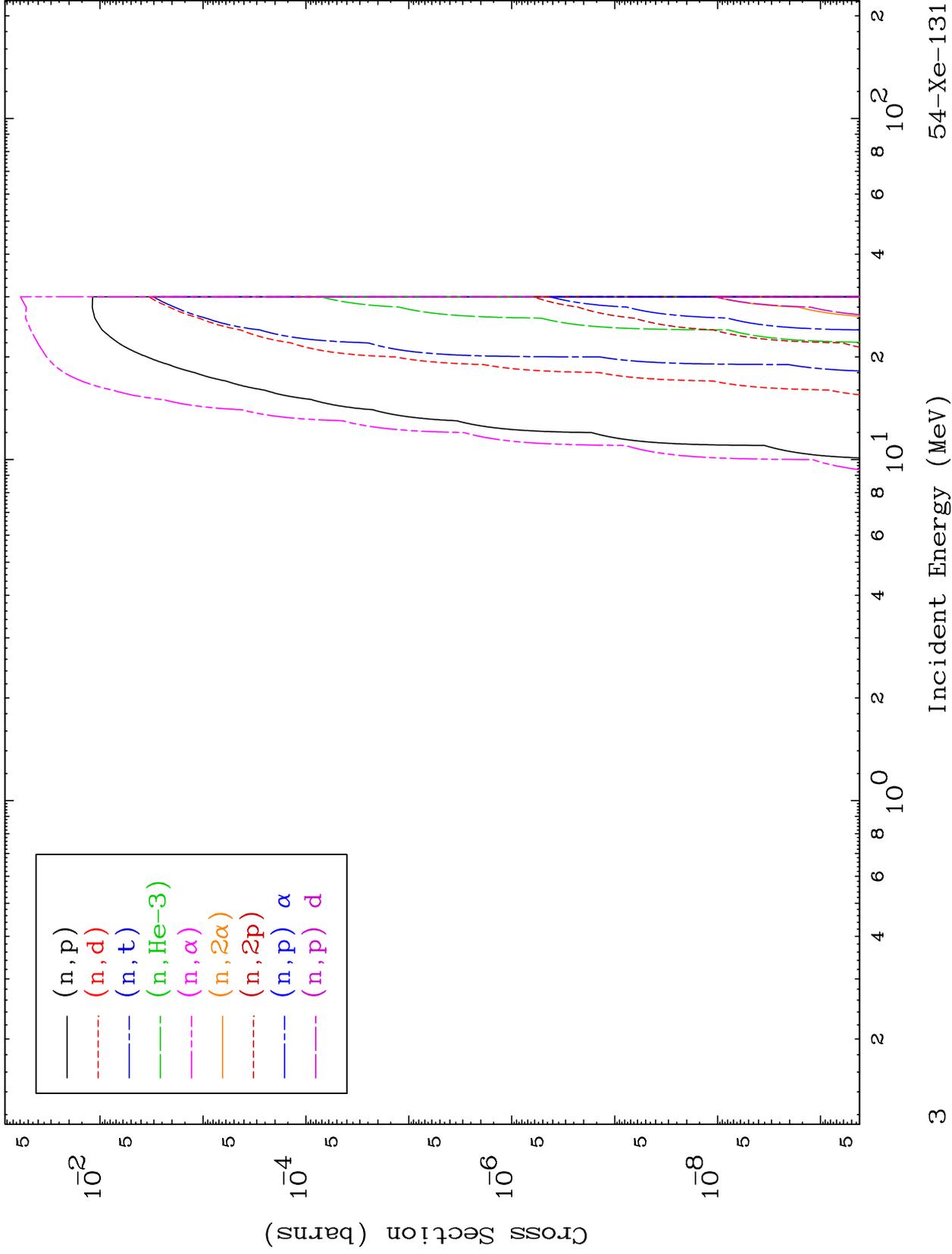
MAT 5446

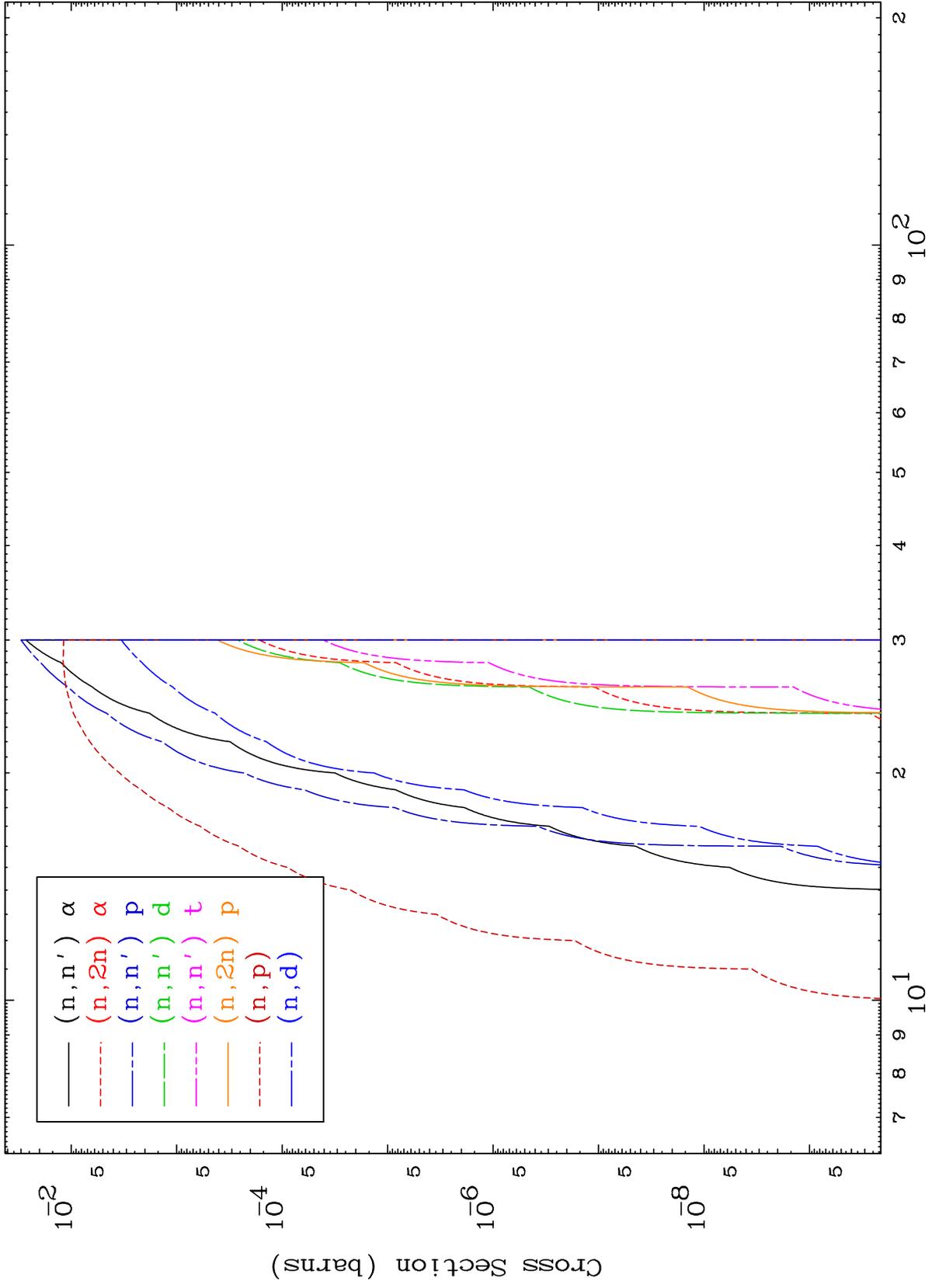
α Neutron Absorption

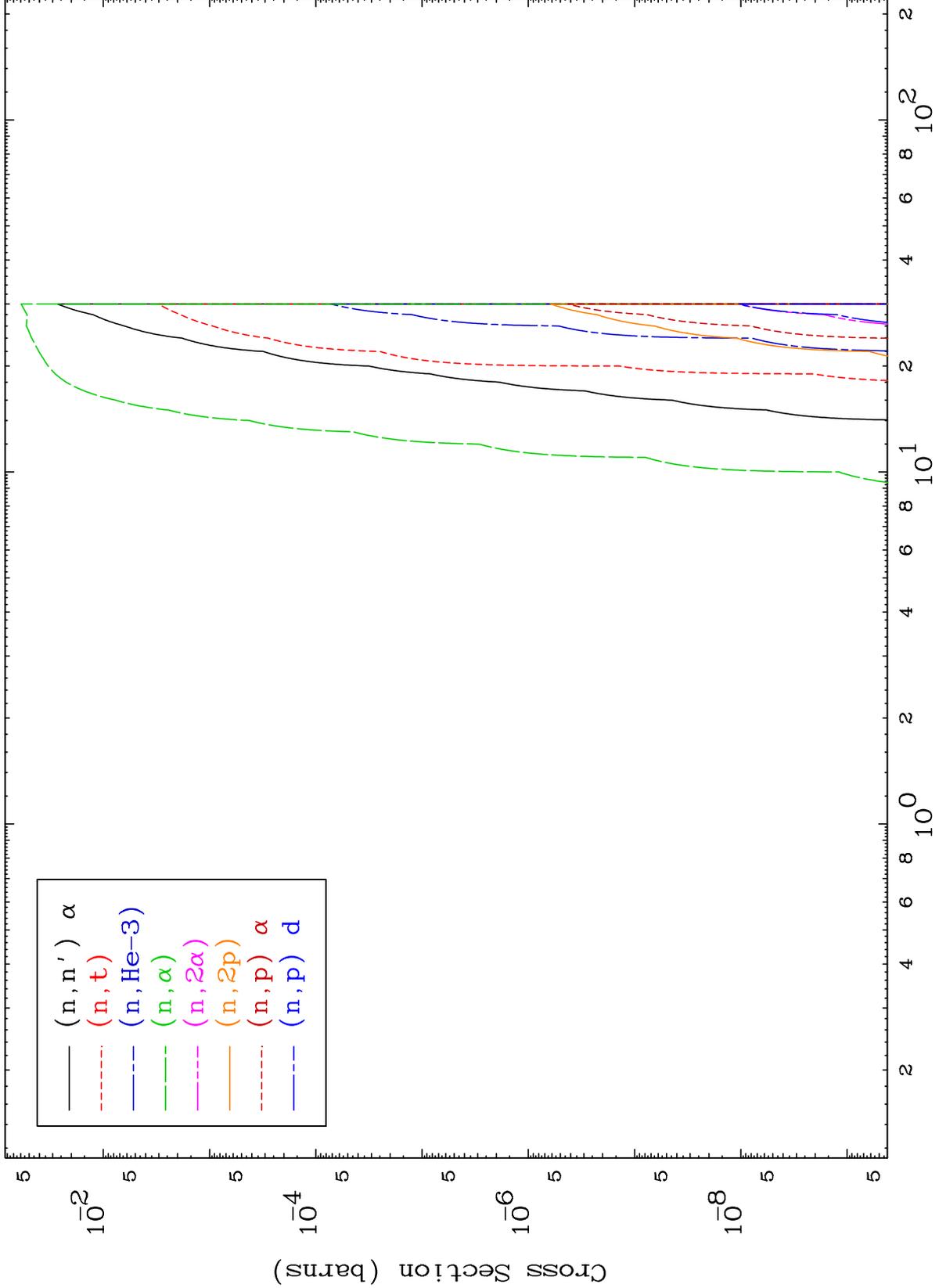
54-Xe-131



α Neutron Absorption
0 Kelvin Cross Sections



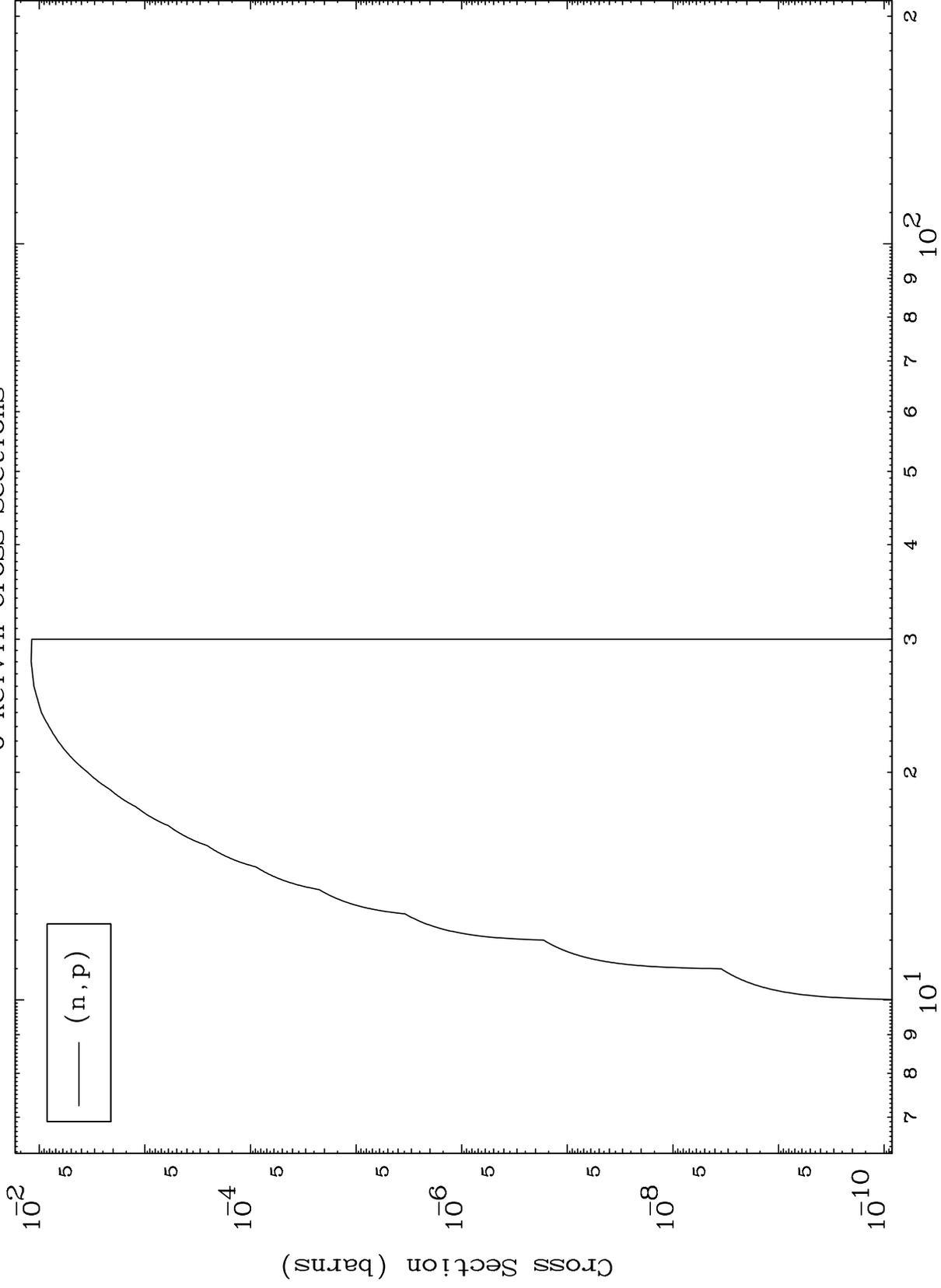




MAT 5446

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-131



6

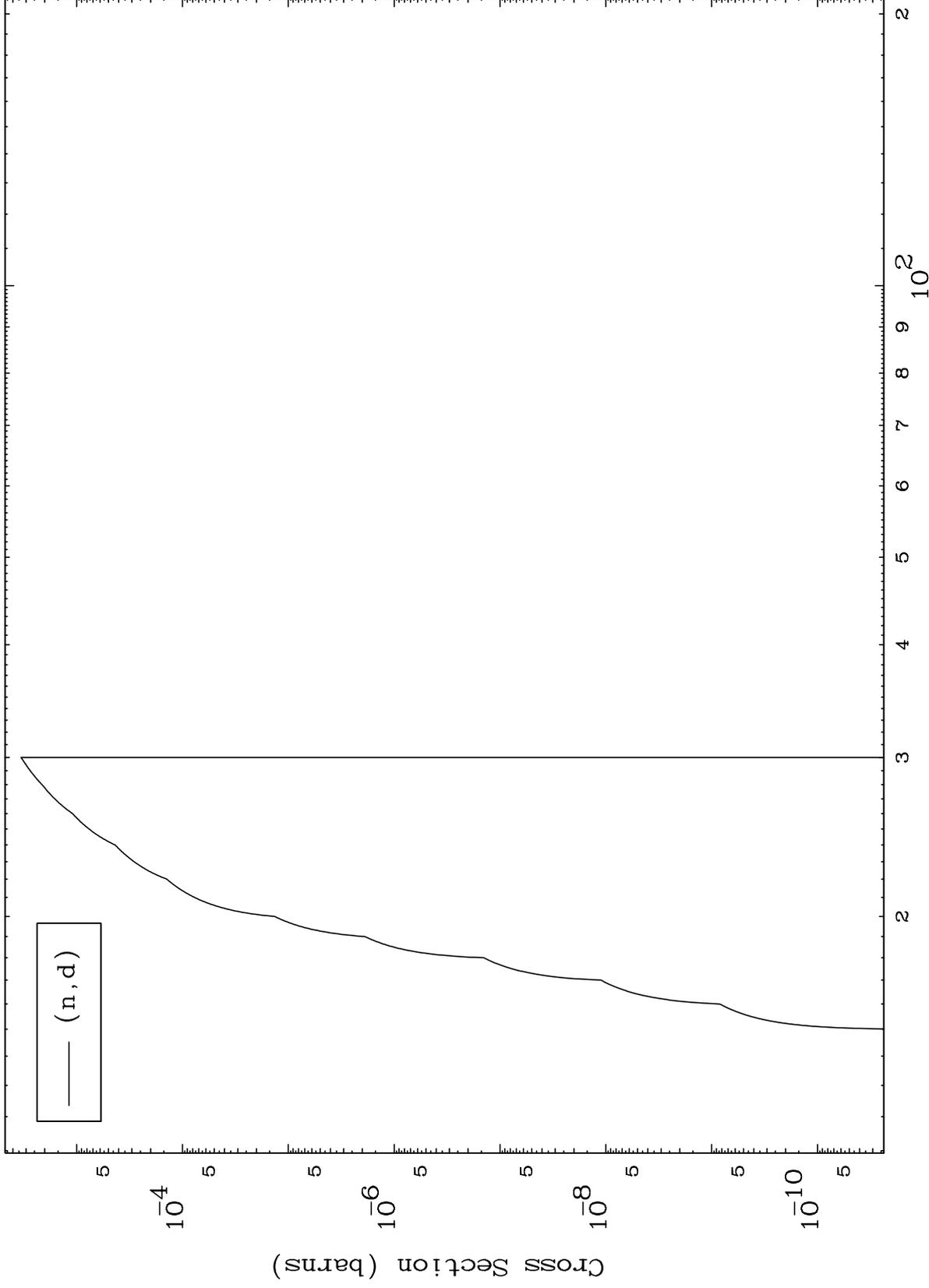
Incident Energy (MeV)

54-Xe-131

MAT 5446

(α, d) Levels
0 Kelvin Cross Sections

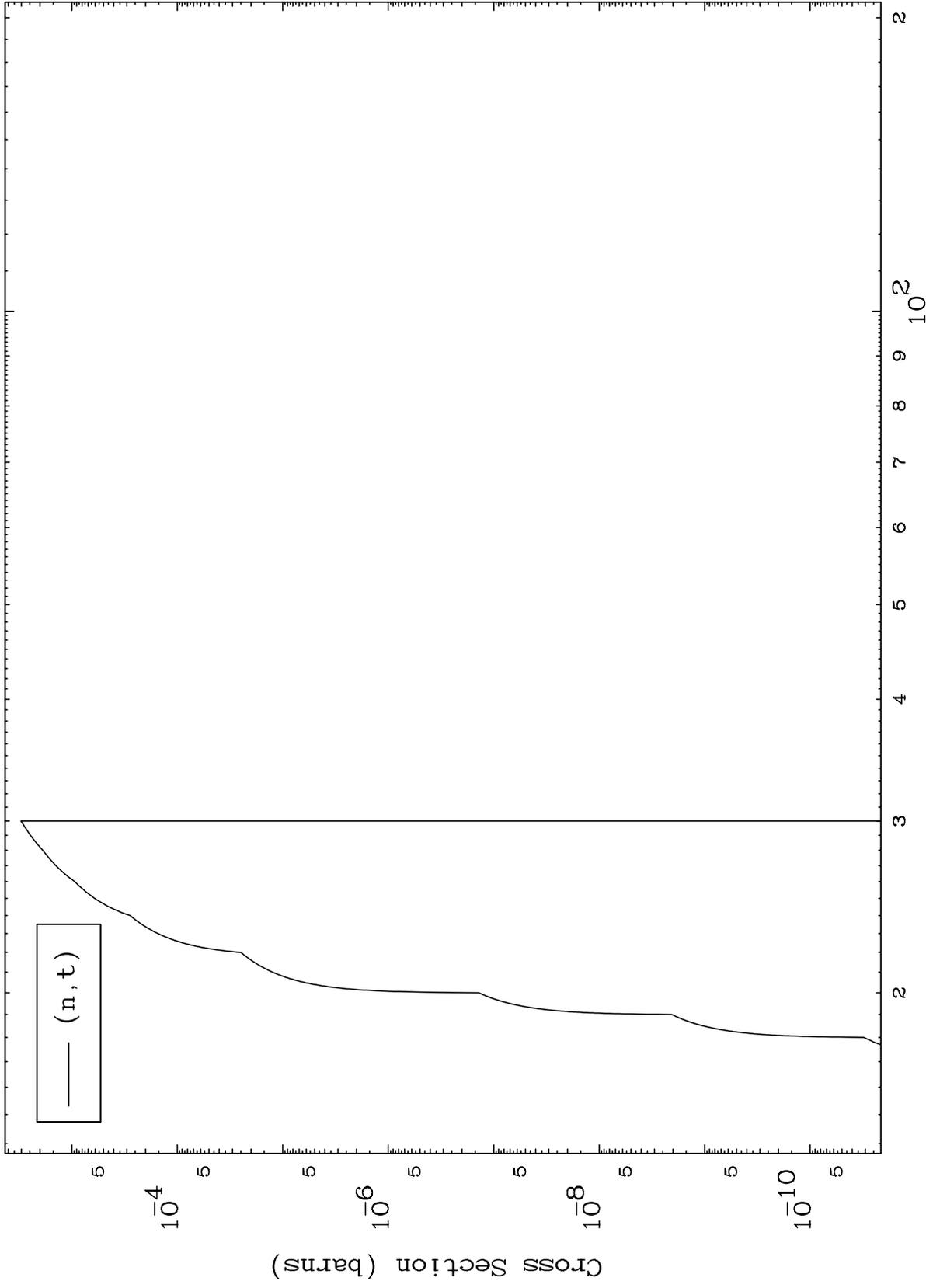
54-Xe-131



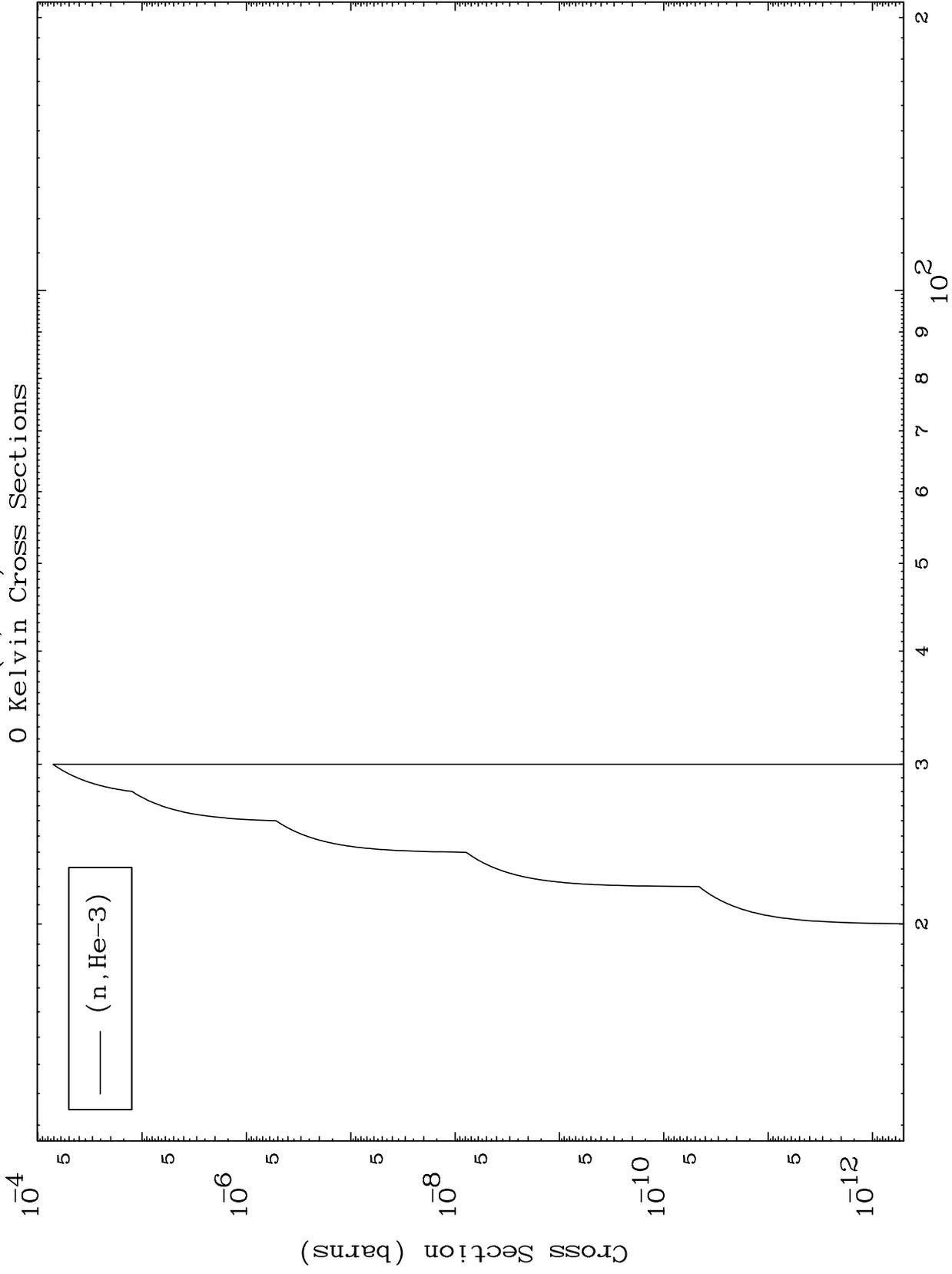
7

Incident Energy (MeV)

54-Xe-131



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

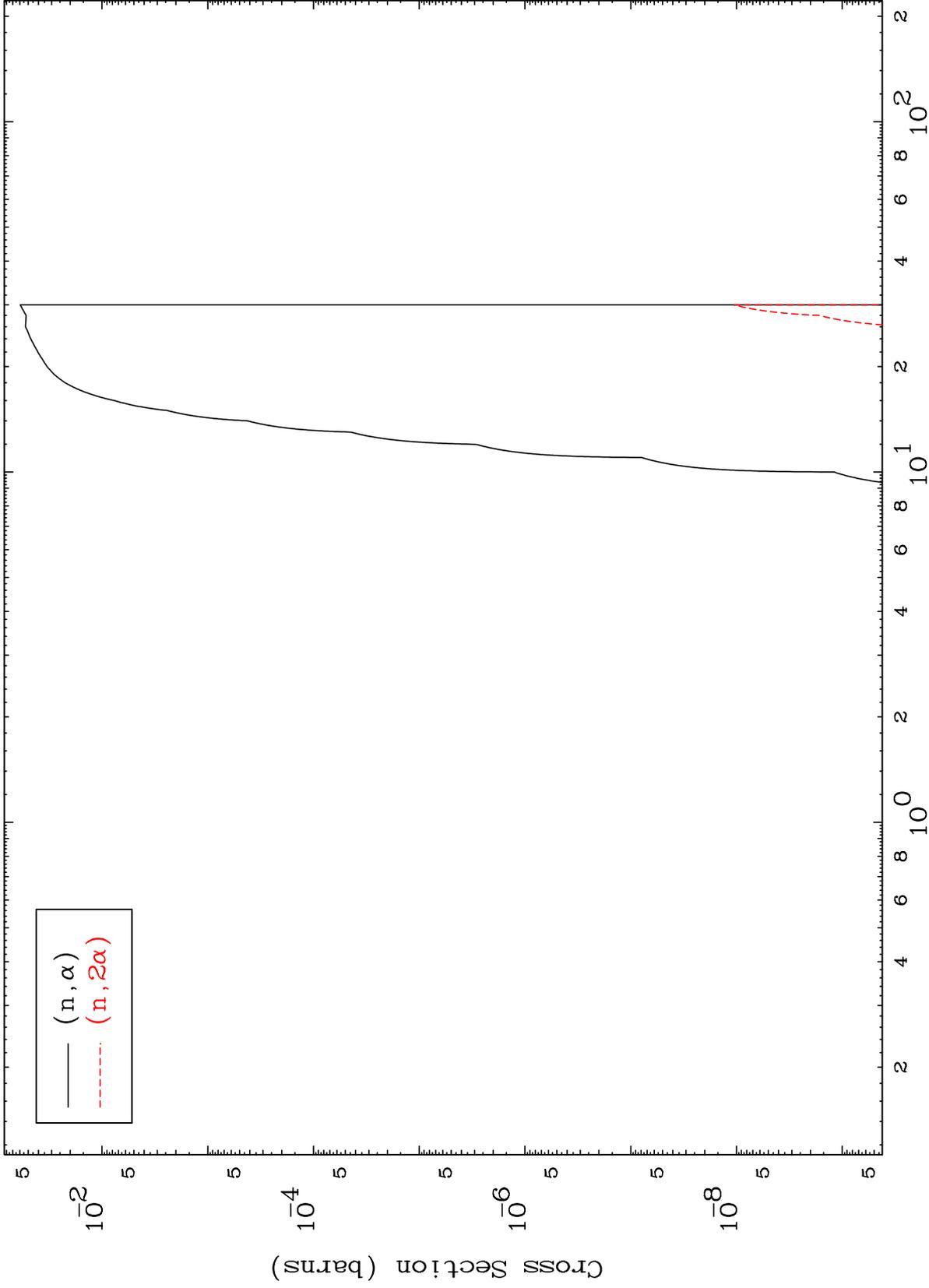


MAT 5446

(α, α) Levels

54-Xe-131

0 Kelvin Cross Sections



10

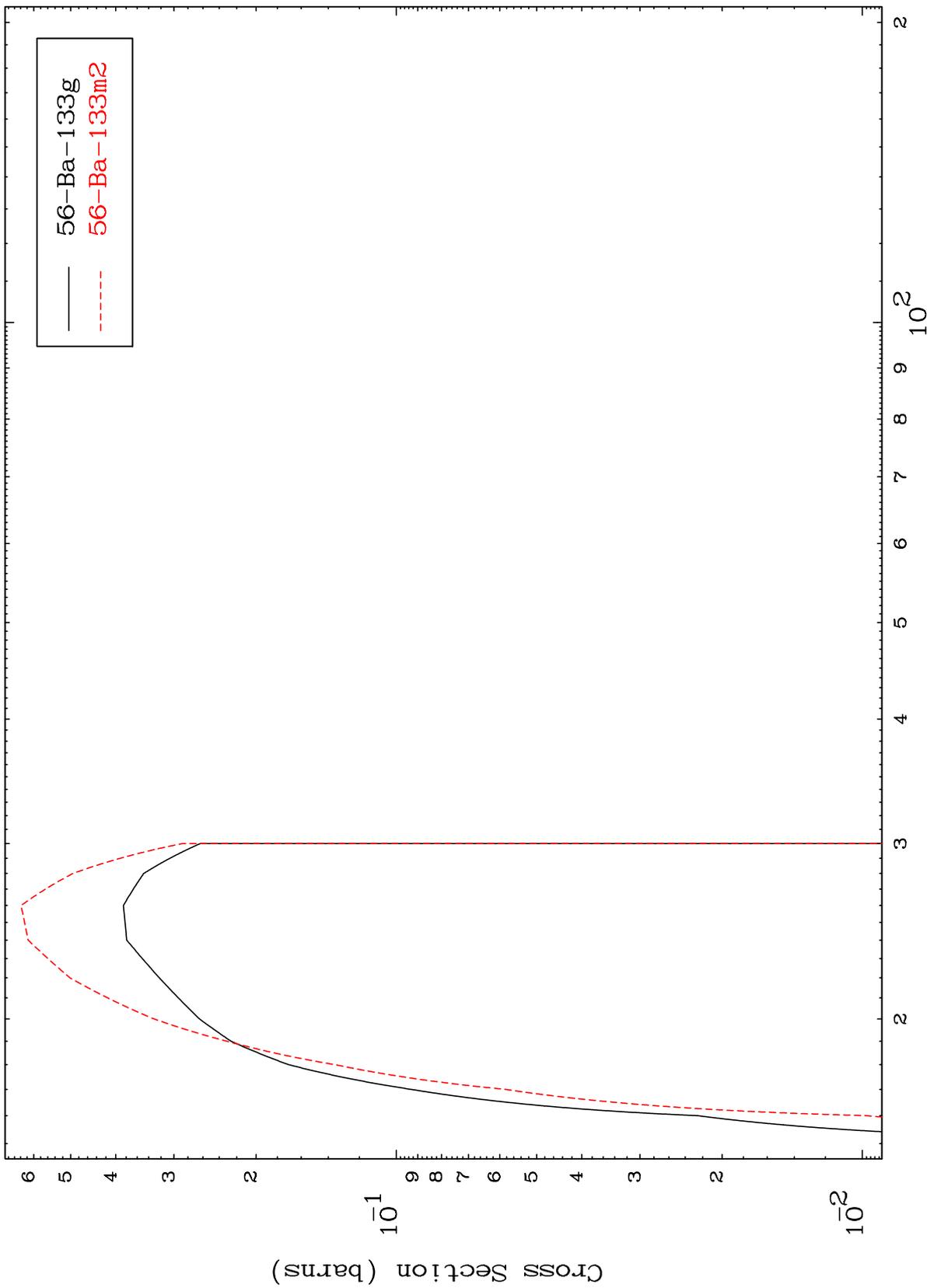
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,2n)
Radionuclide Production Cross Section



11

54-Xe-131

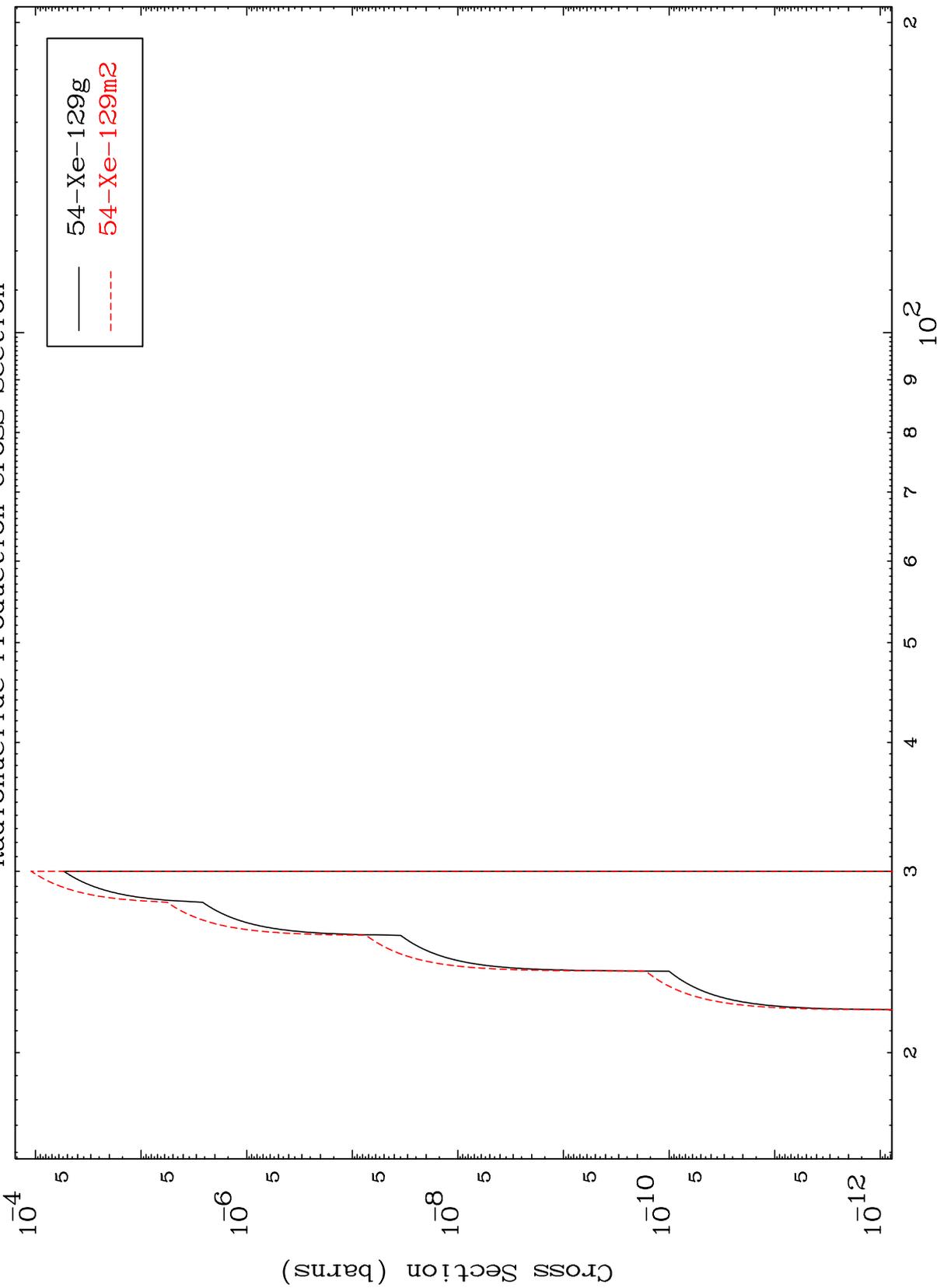
Incident Energy (MeV)

MAT 5446

(n,2n) α

54-Xe-131

Radionuclide Production Cross Section



12

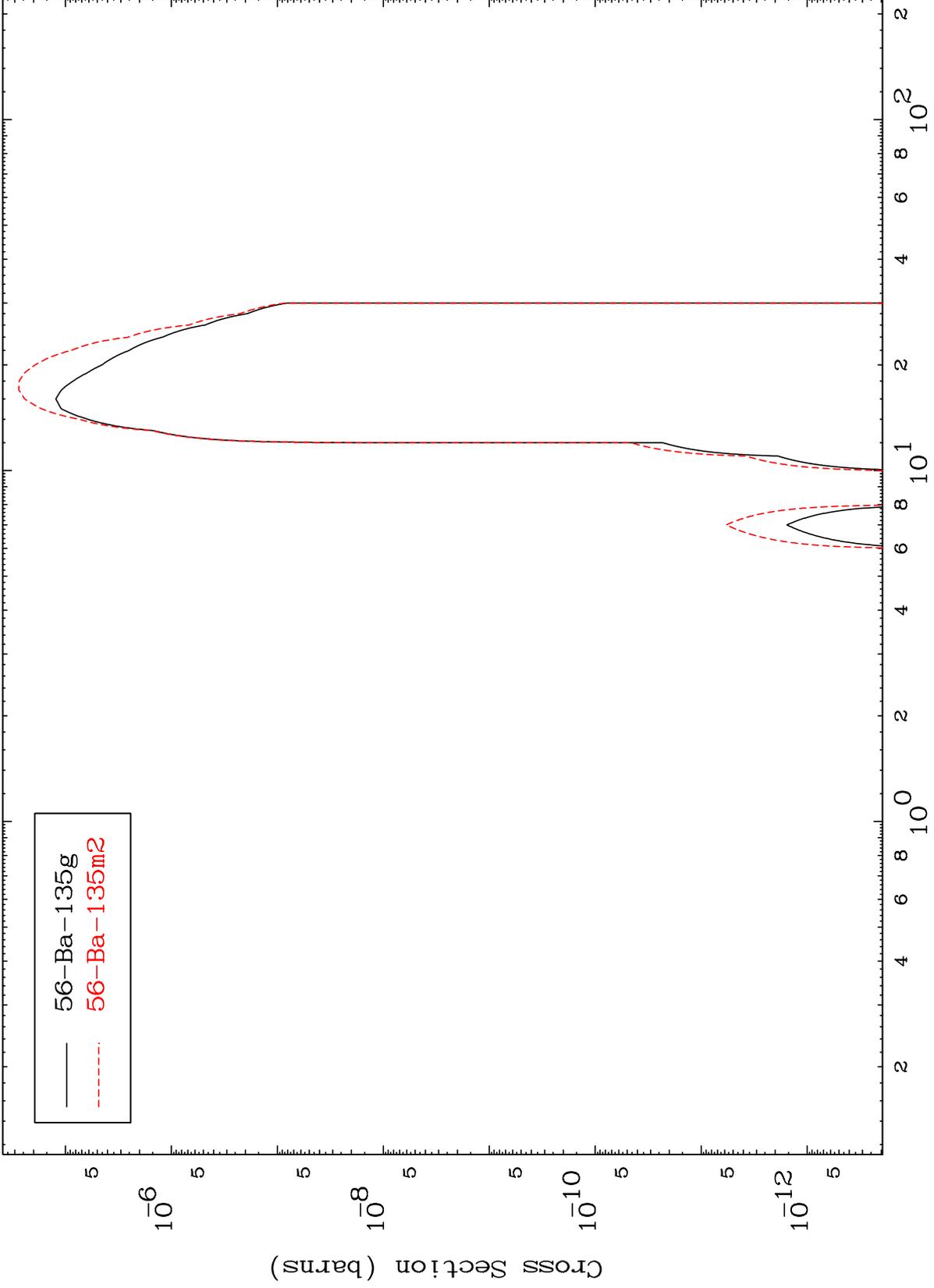
Incident Energy (MeV)

54-Xe-131

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54-Xe-131

(n, γ)
Radionuclide Production Cross Section



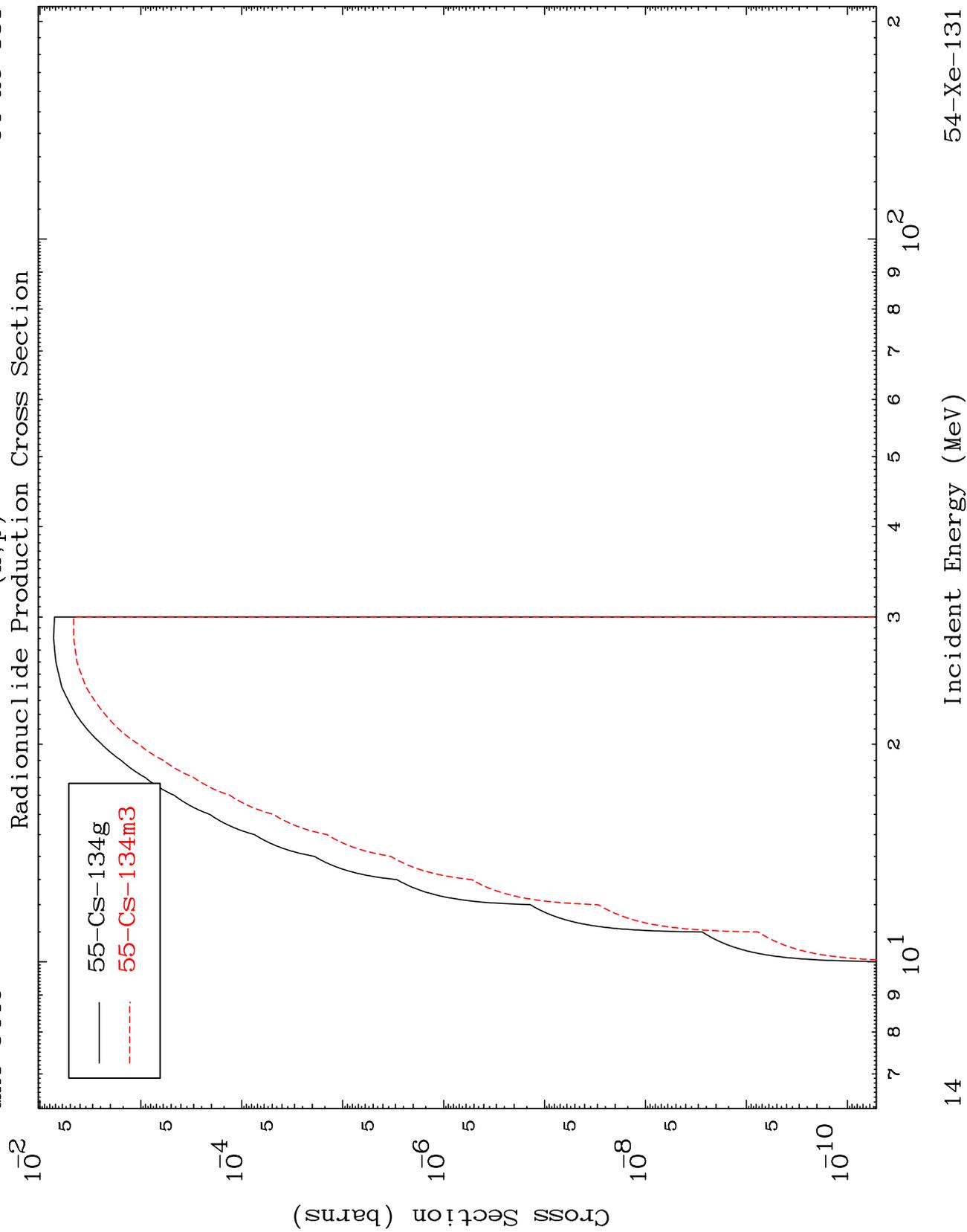
13

Incident Energy (MeV)

54-Xe-131

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54-Xe-131



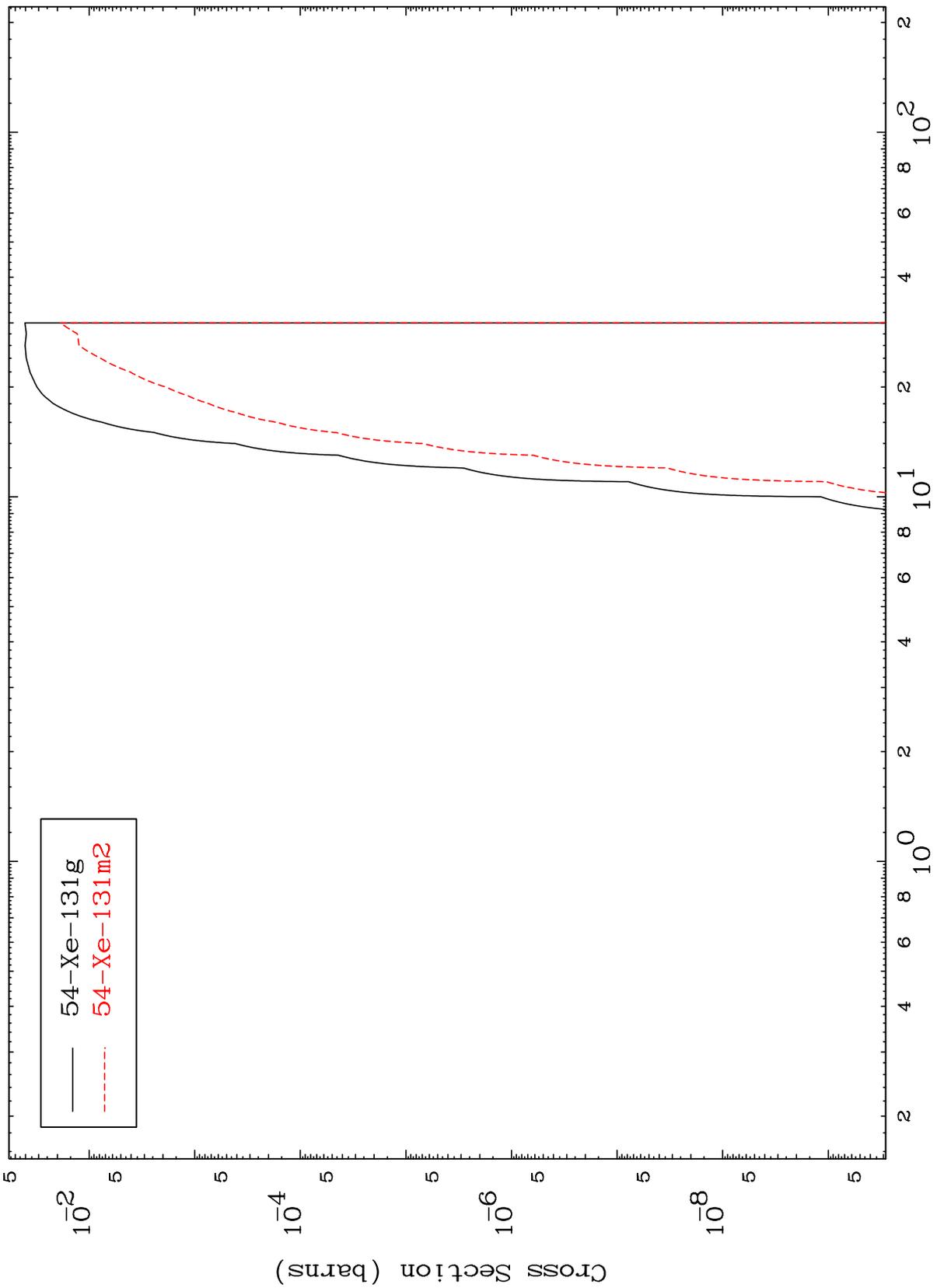
14

54-Xe-131

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54-Xe-131

(n,α)
Radionuclide Production Cross Section



54-Xe-131

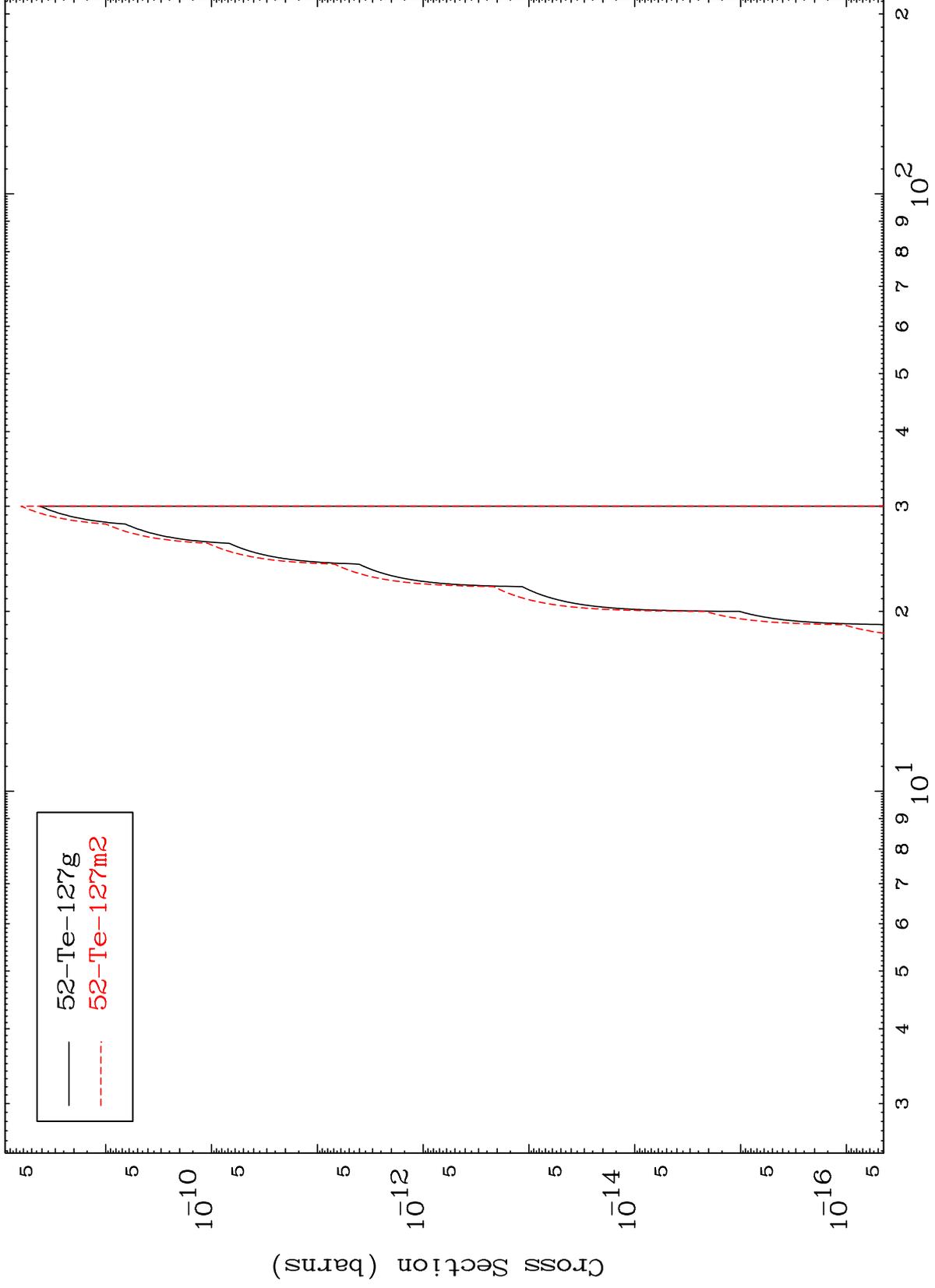
Incident Energy (MeV)

15

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54-Xe-131

(n,2α)
Radionuclide Production Cross Section



16

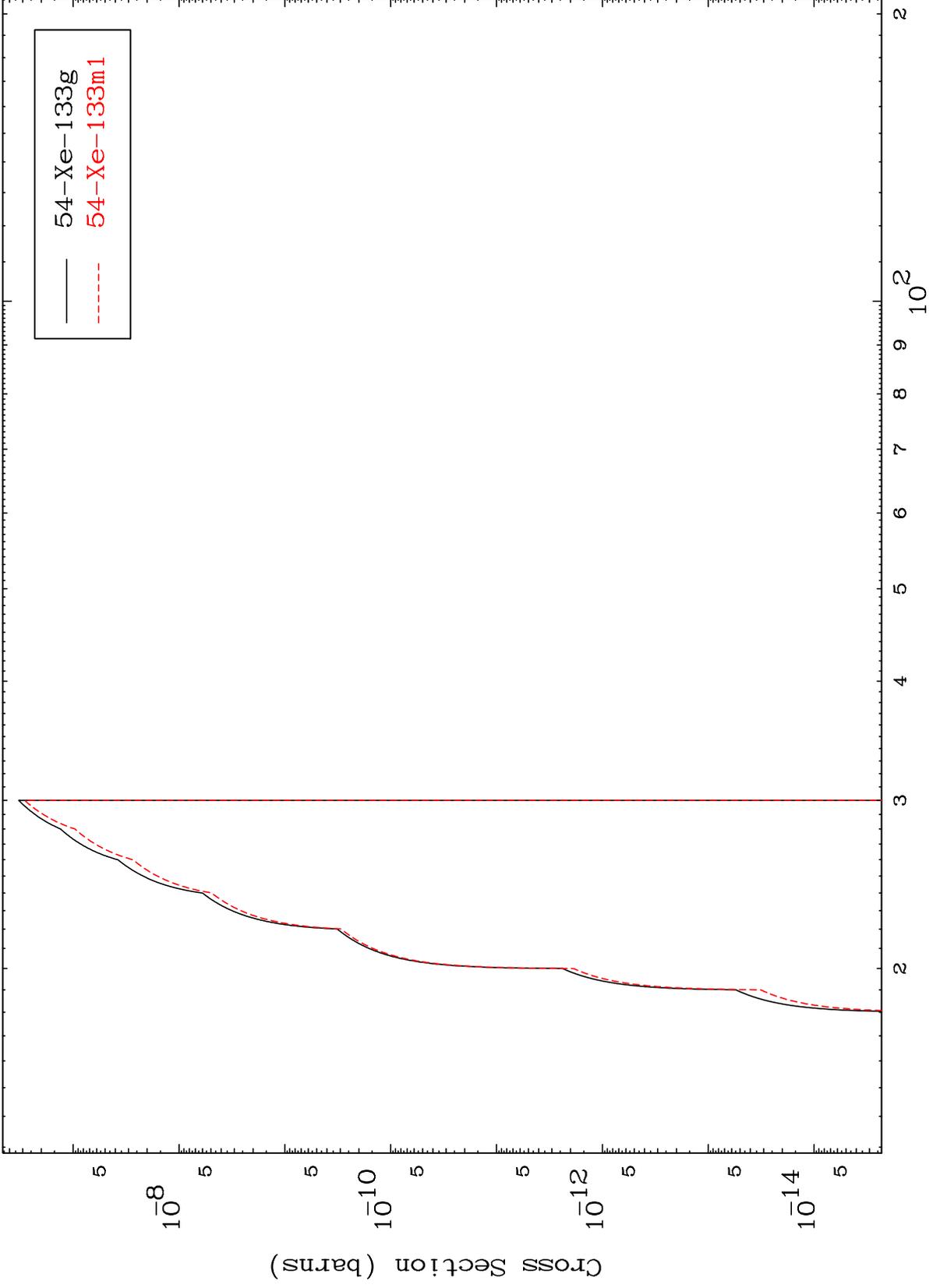
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

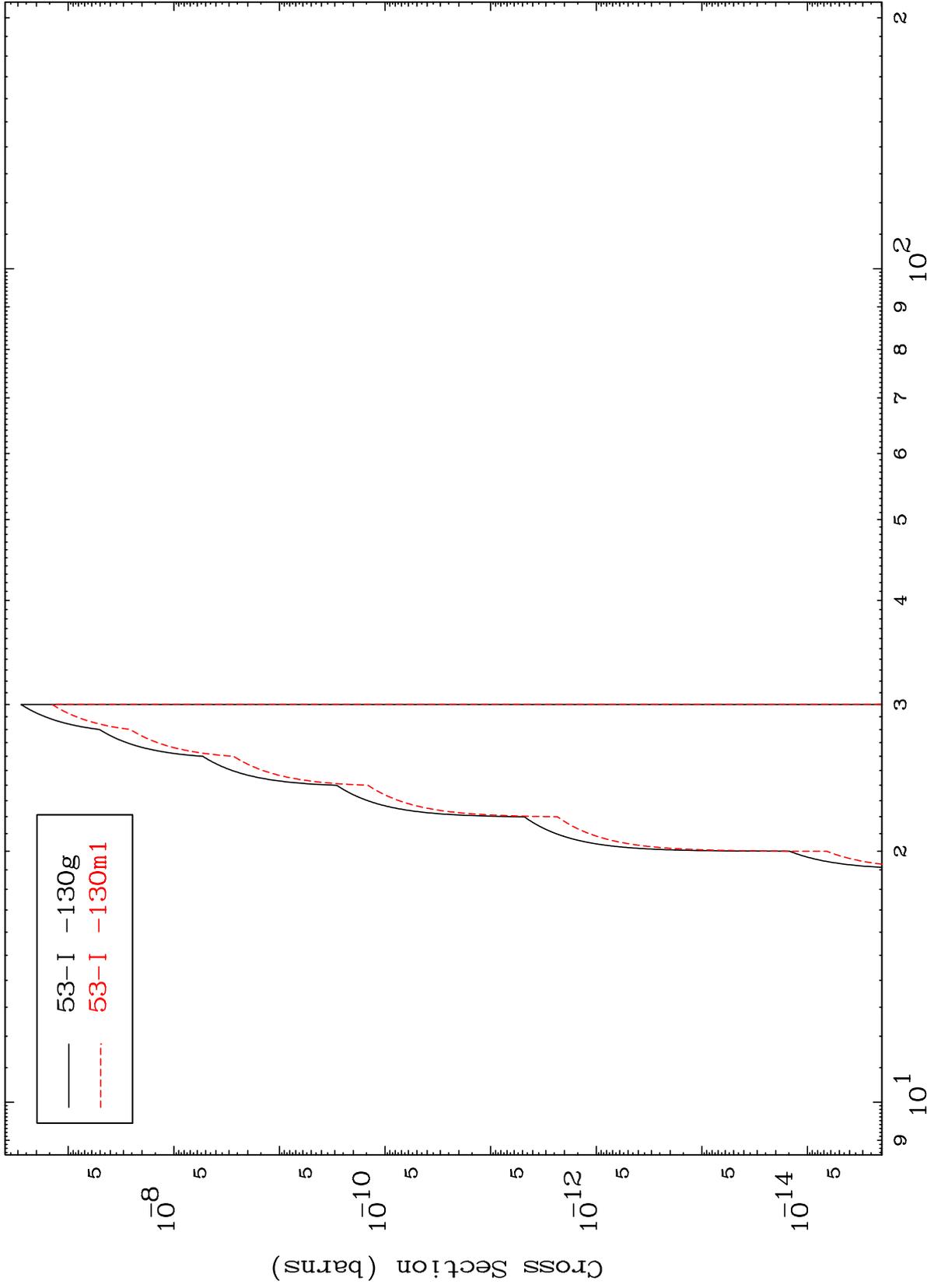
54-Xe-131

MAT 5446

(n,p) α

54-Xe-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-131