

Program EVALPLOT
(Version 2021-1)

by

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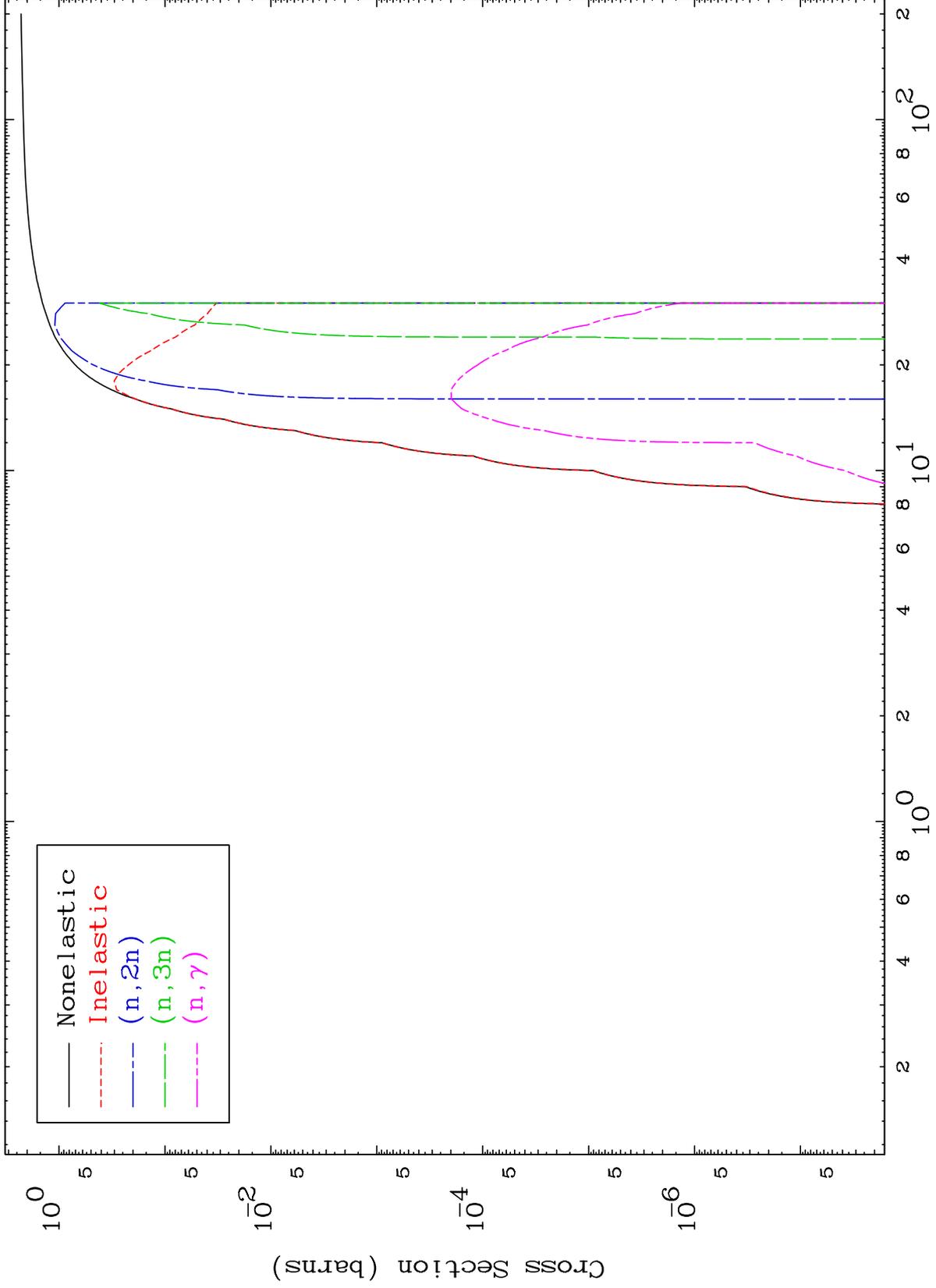
Press Mouse Button to Start

MAT 5441

0 Kelvin

α Major Cross Sections

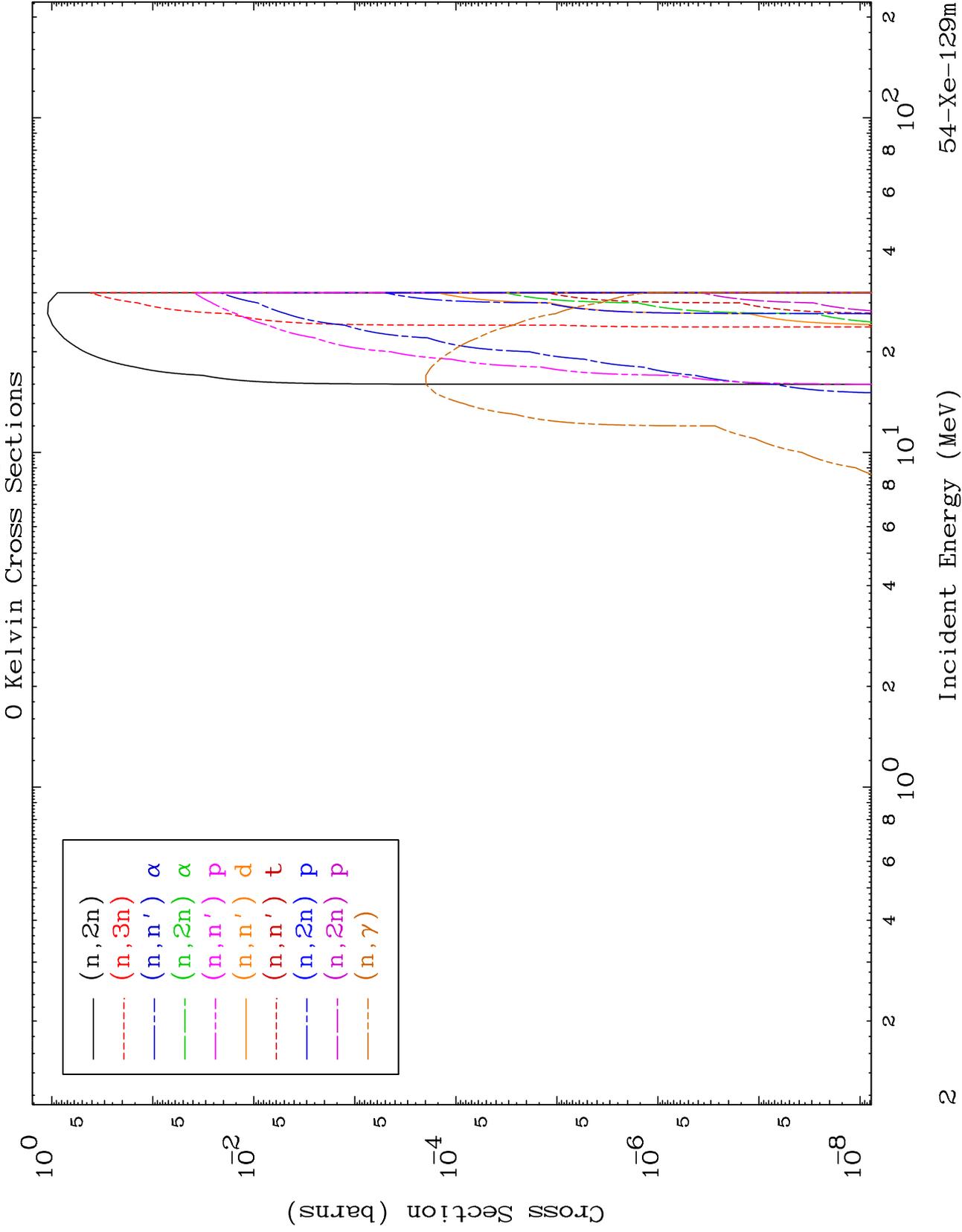
54-Xe-129m



MAT 5441

α Neutron Absorption

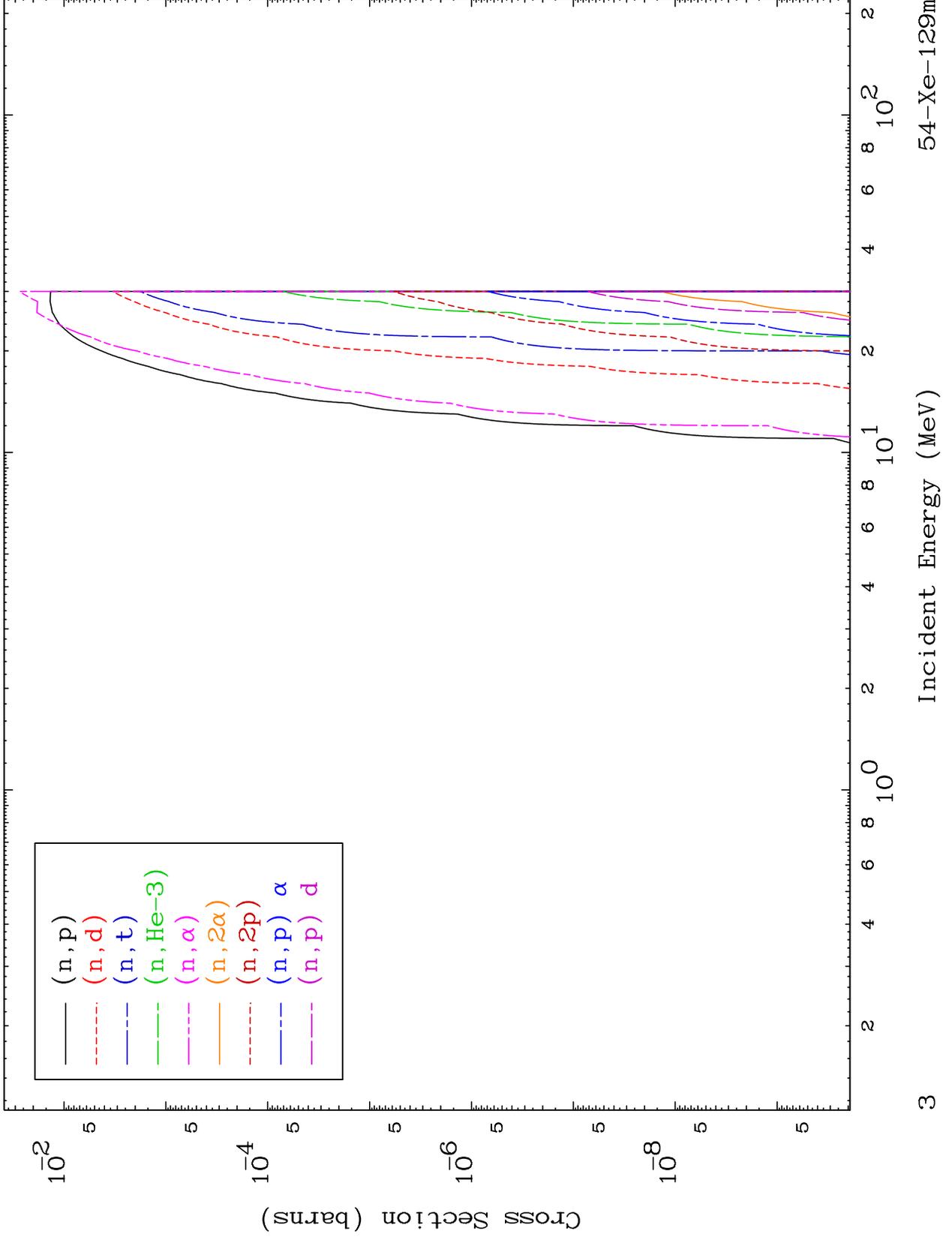
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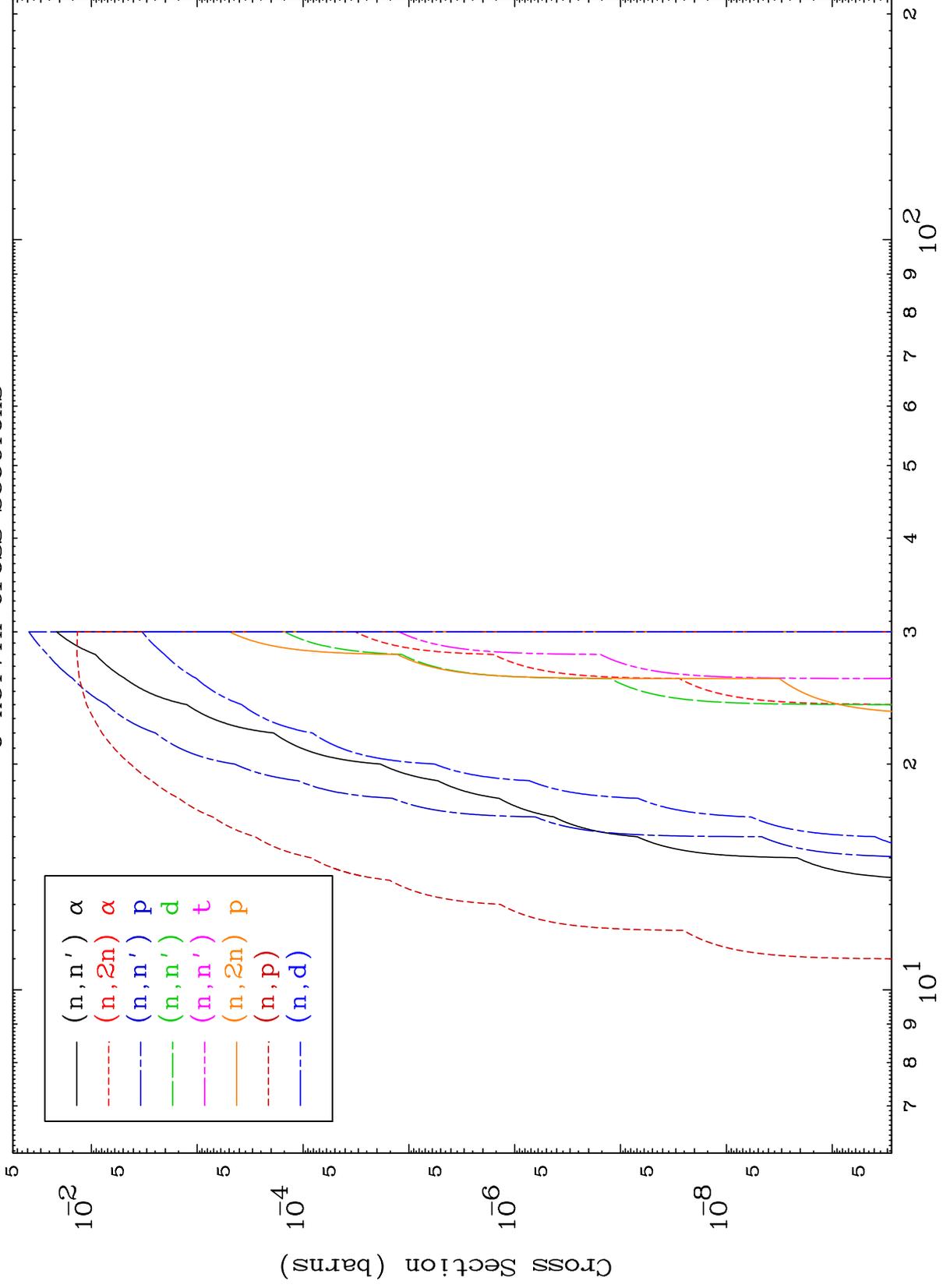


MAT 5441

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-129m



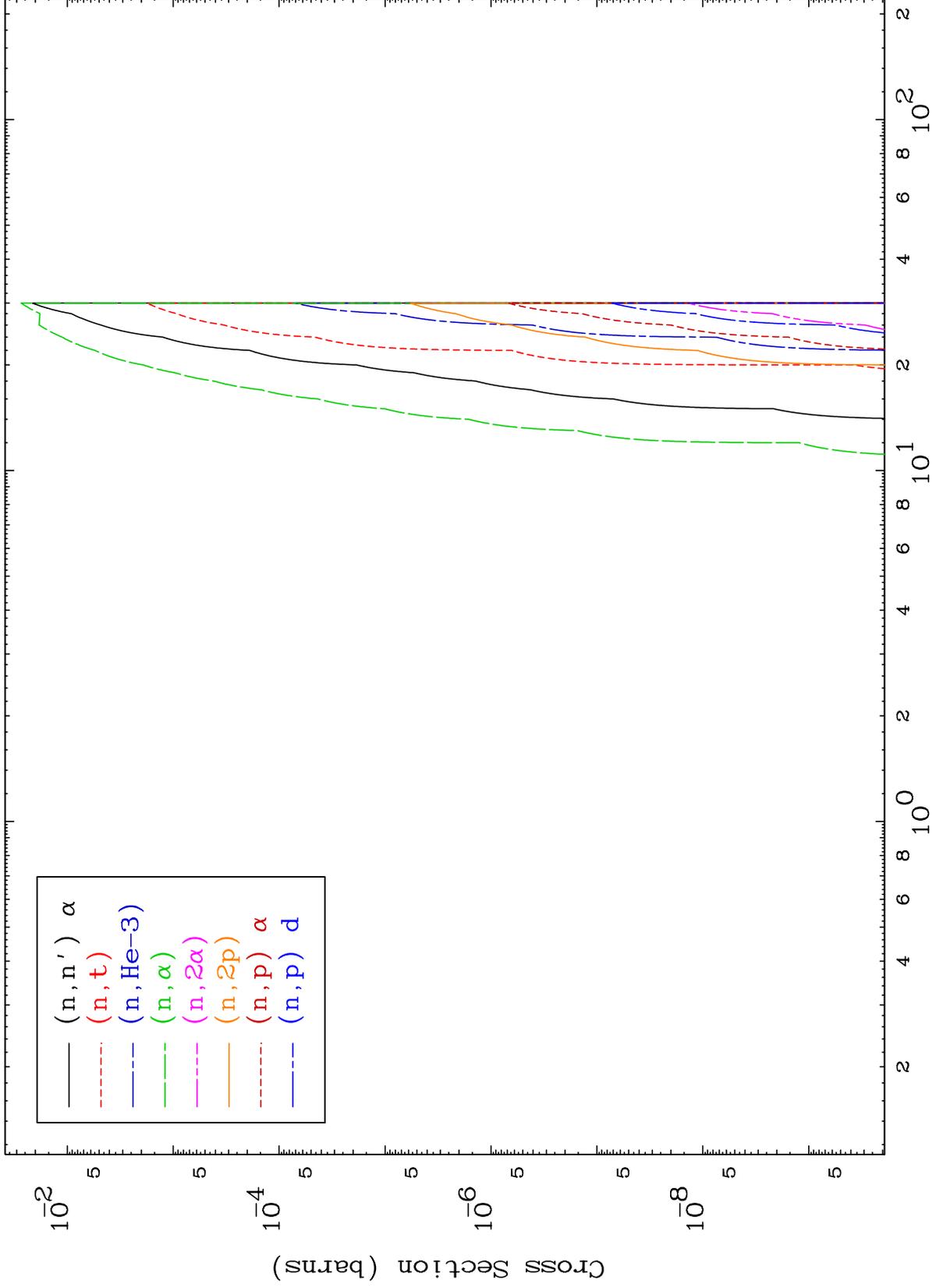


MAT 5441

α Charged Particle

54-Xe-129m

0 Kelvin Cross Sections

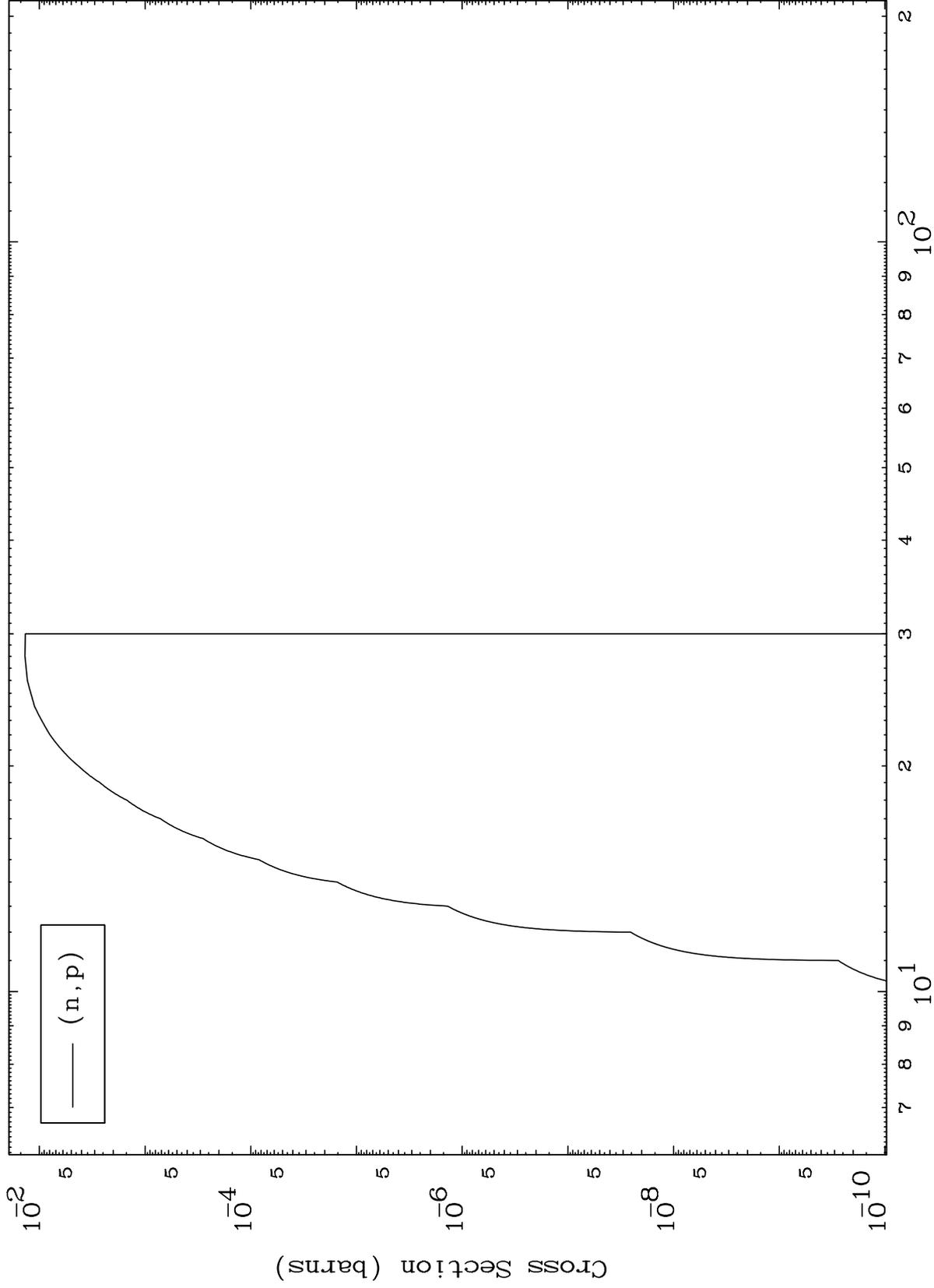


MAT 5441

(α, p) Levels

54-Xe-129m

0 Kelvin Cross Sections



6

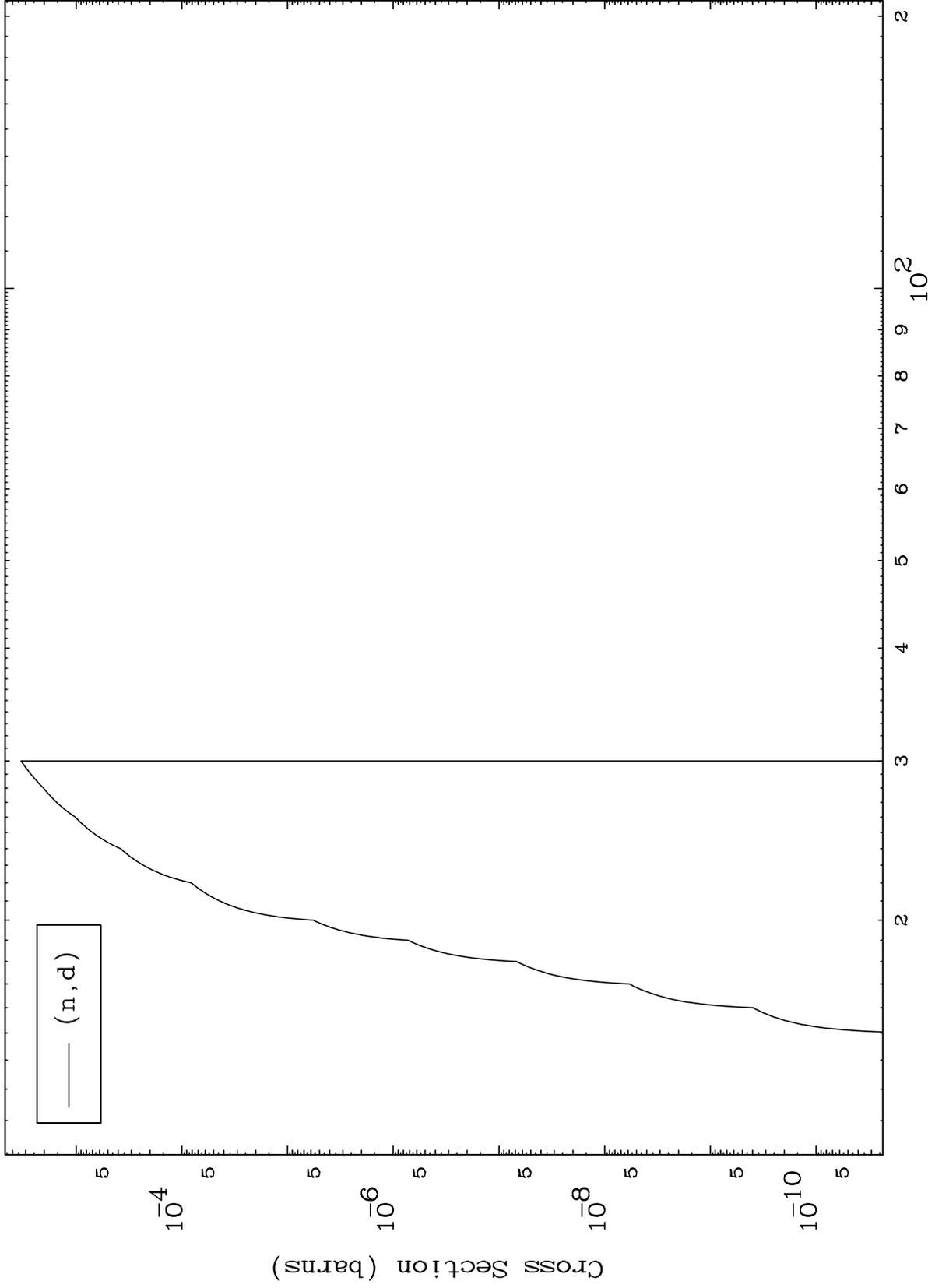
Incident Energy (MeV)

54-Xe-129m

MAT 5441

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-129m



7

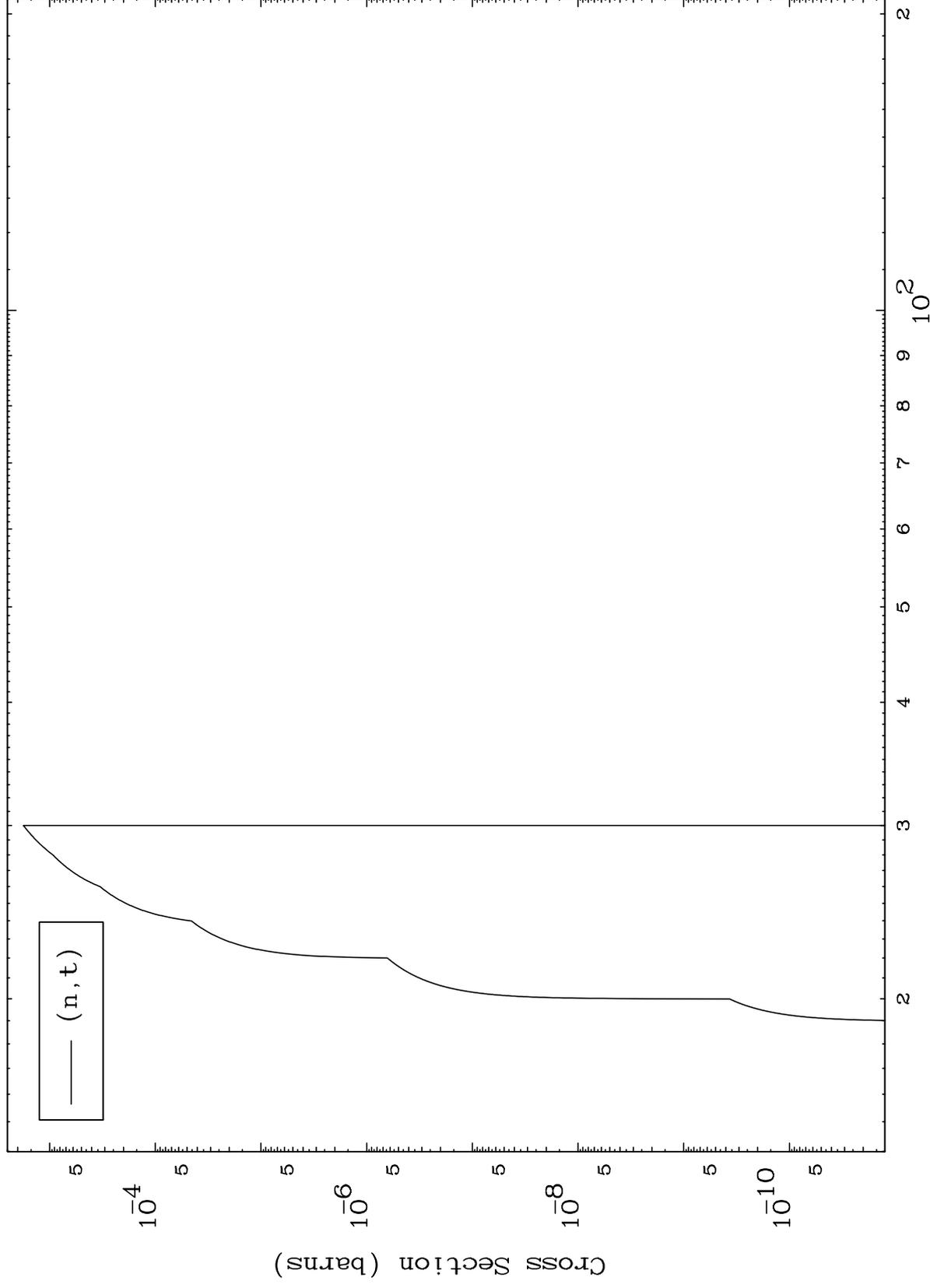
Incident Energy (MeV)

54-Xe-129m

MAT 5441

(α, t) Levels
0 Kelvin Cross Sections

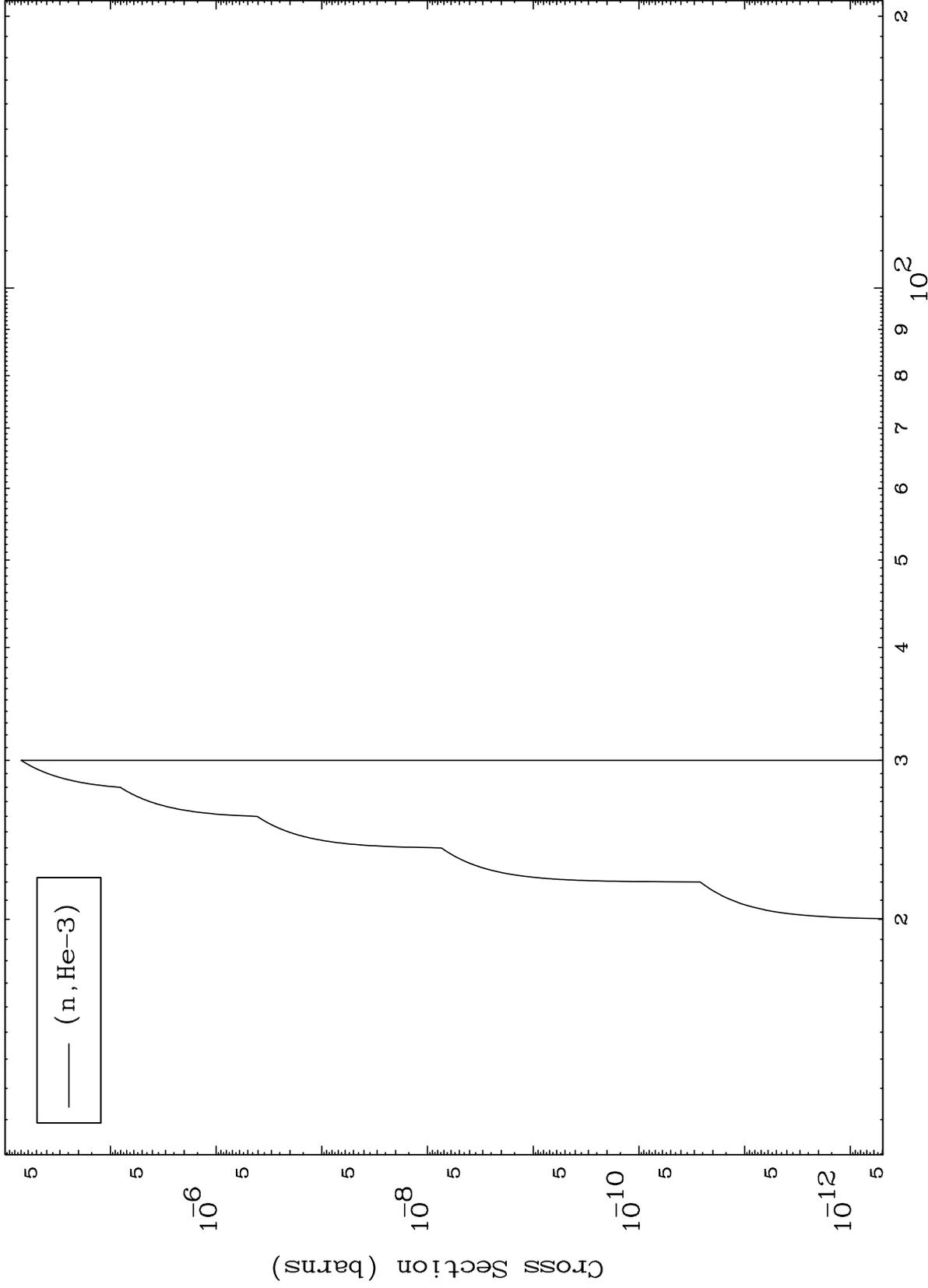
54-Xe-129m



8

Incident Energy (MeV)

54-Xe-129m

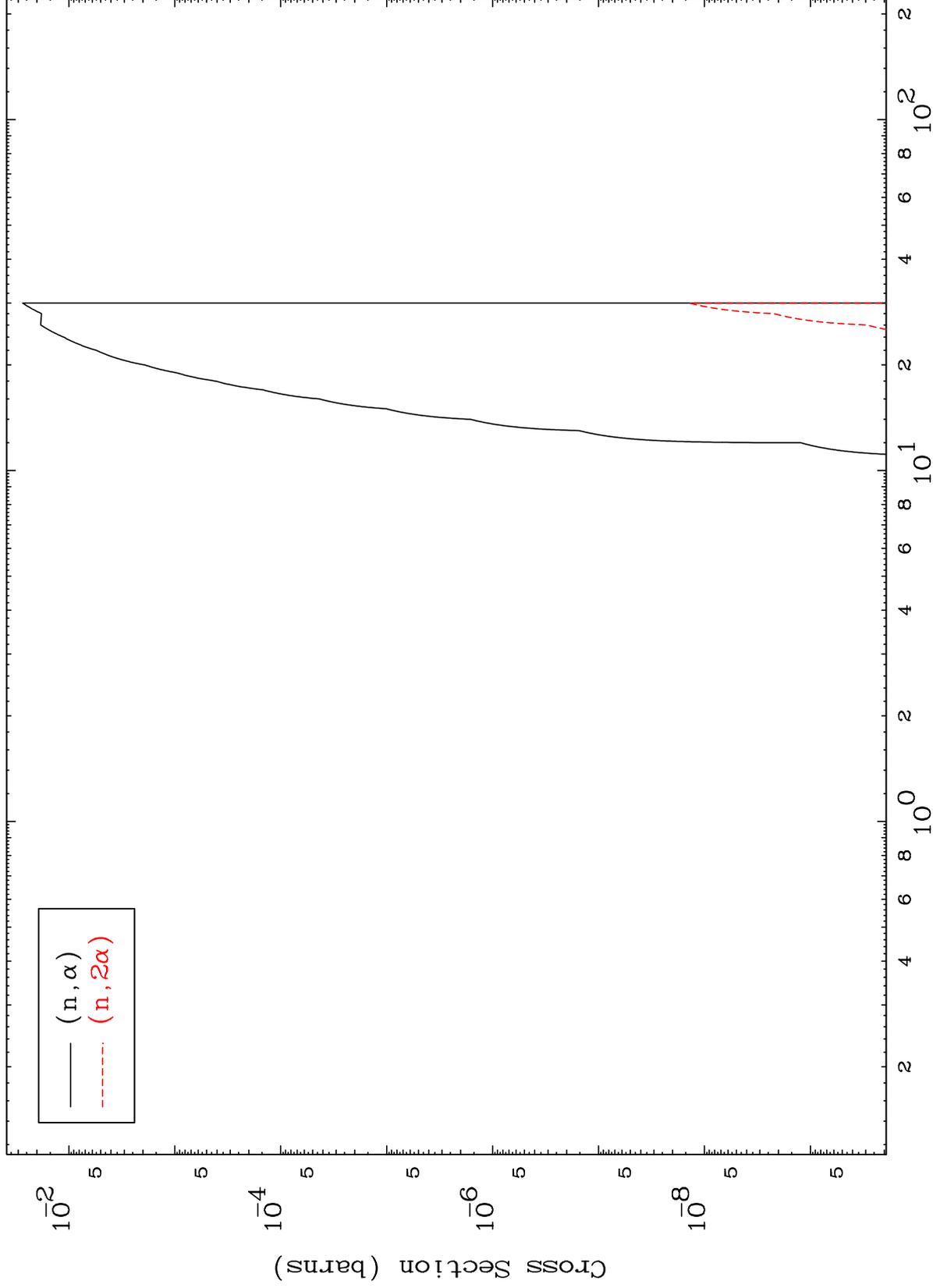


MAT 5441

(α, α) Levels

54-Xe-129m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

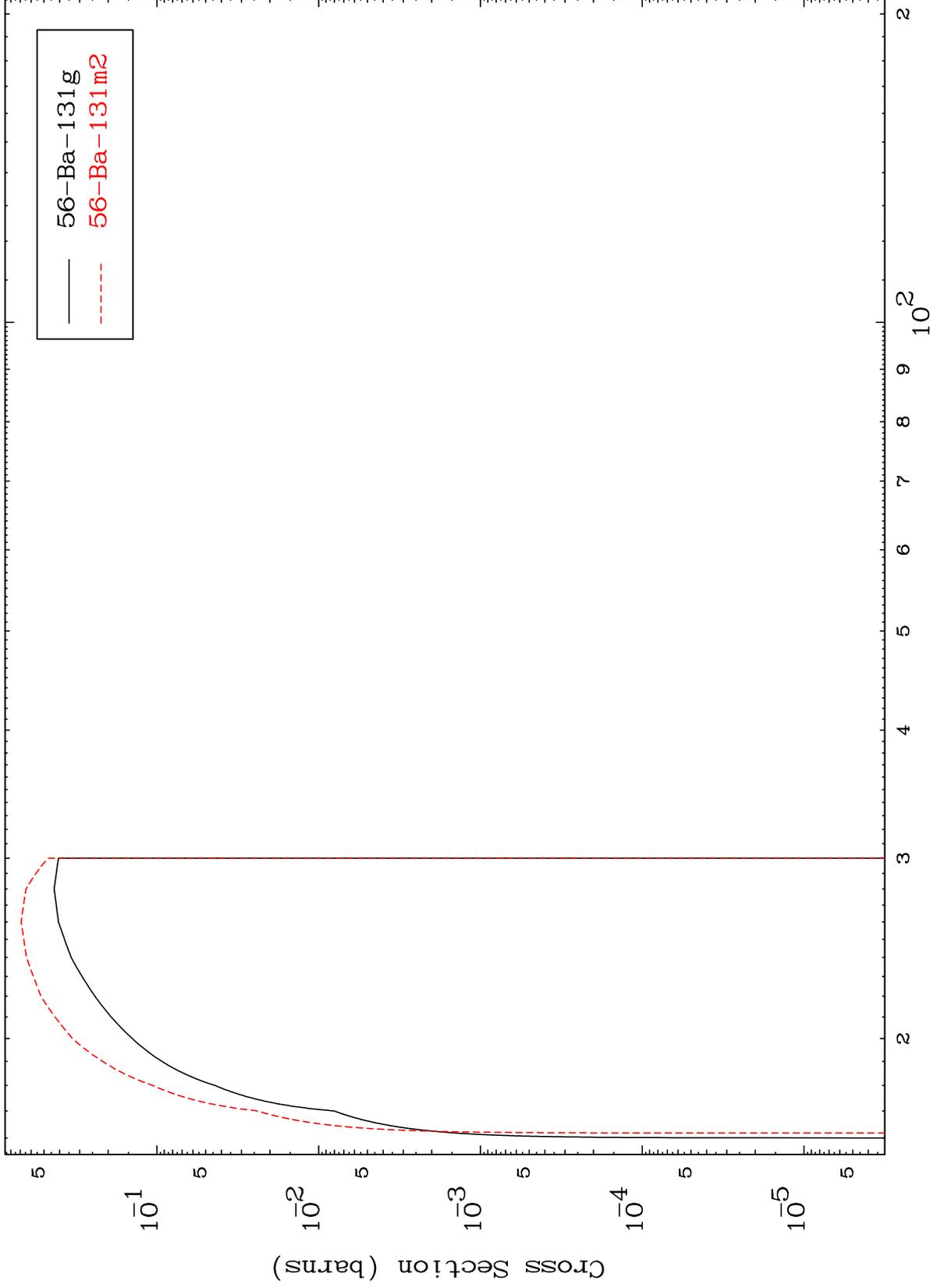
54-Xe-129m

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(n,2n)

54-Xe-129m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

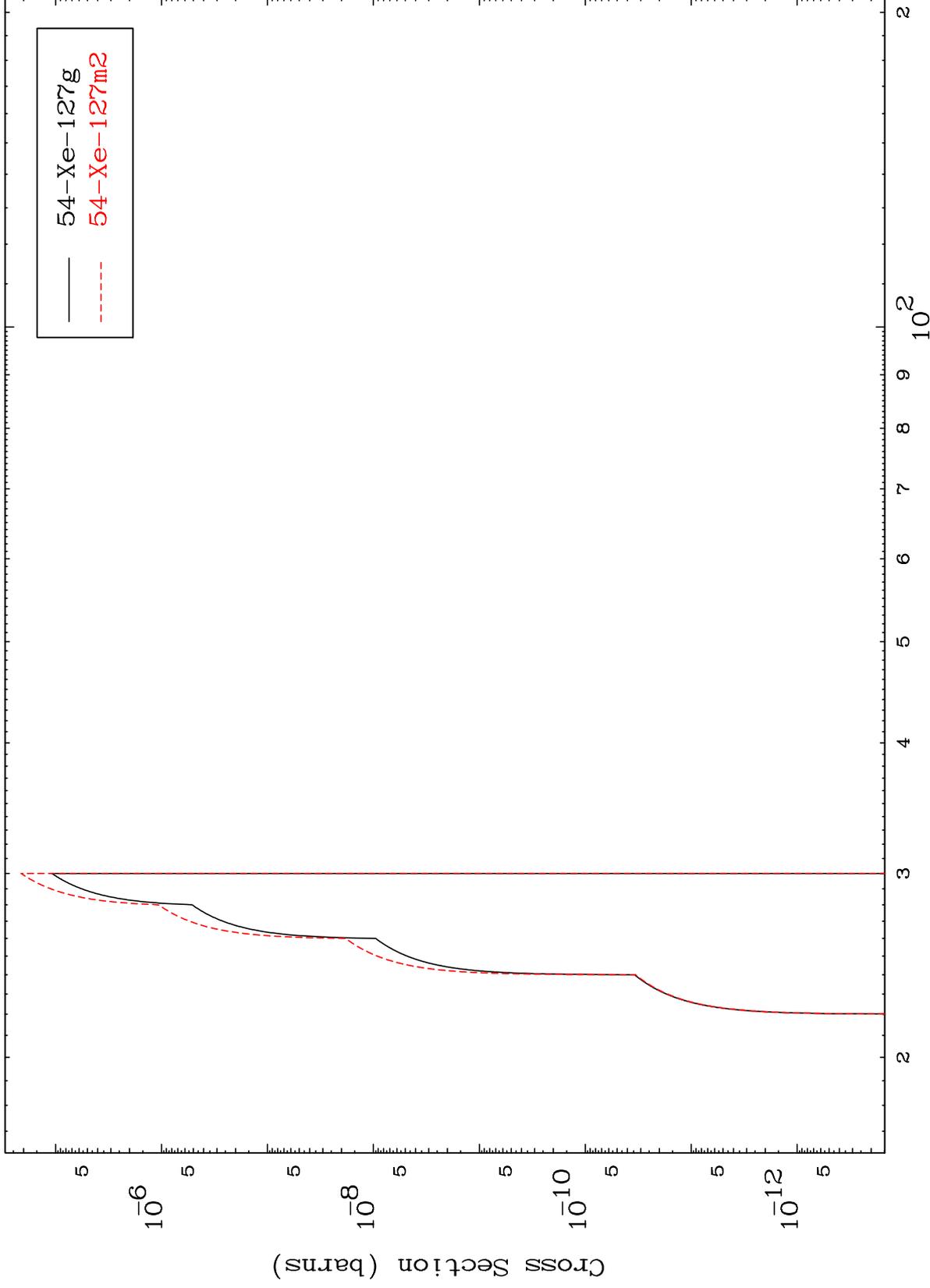
54-Xe-129m

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(n,2n) α

54-Xe-129m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

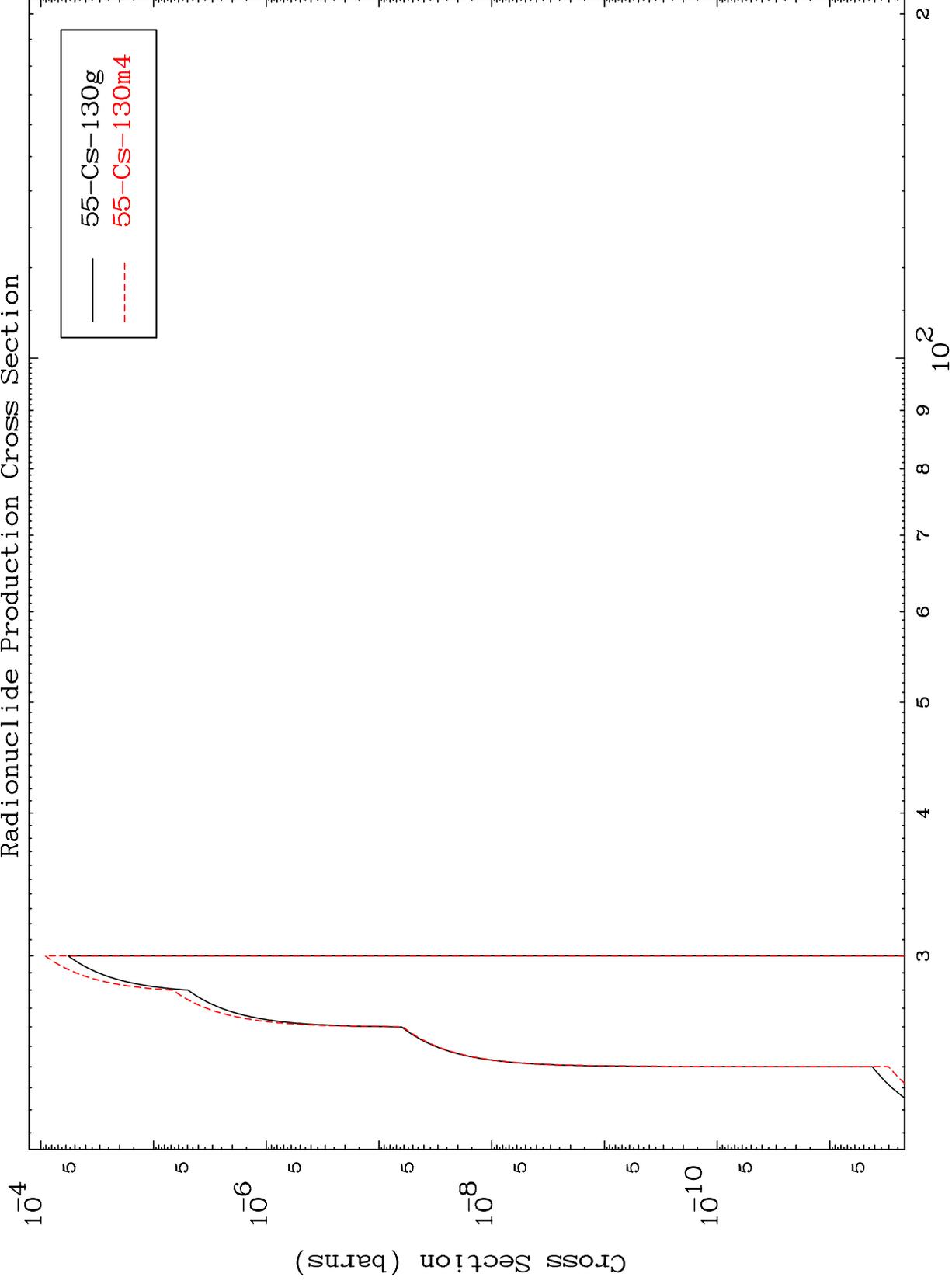
54-Xe-129m

MAT 5441

(n,n') d

54-Xe-129m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

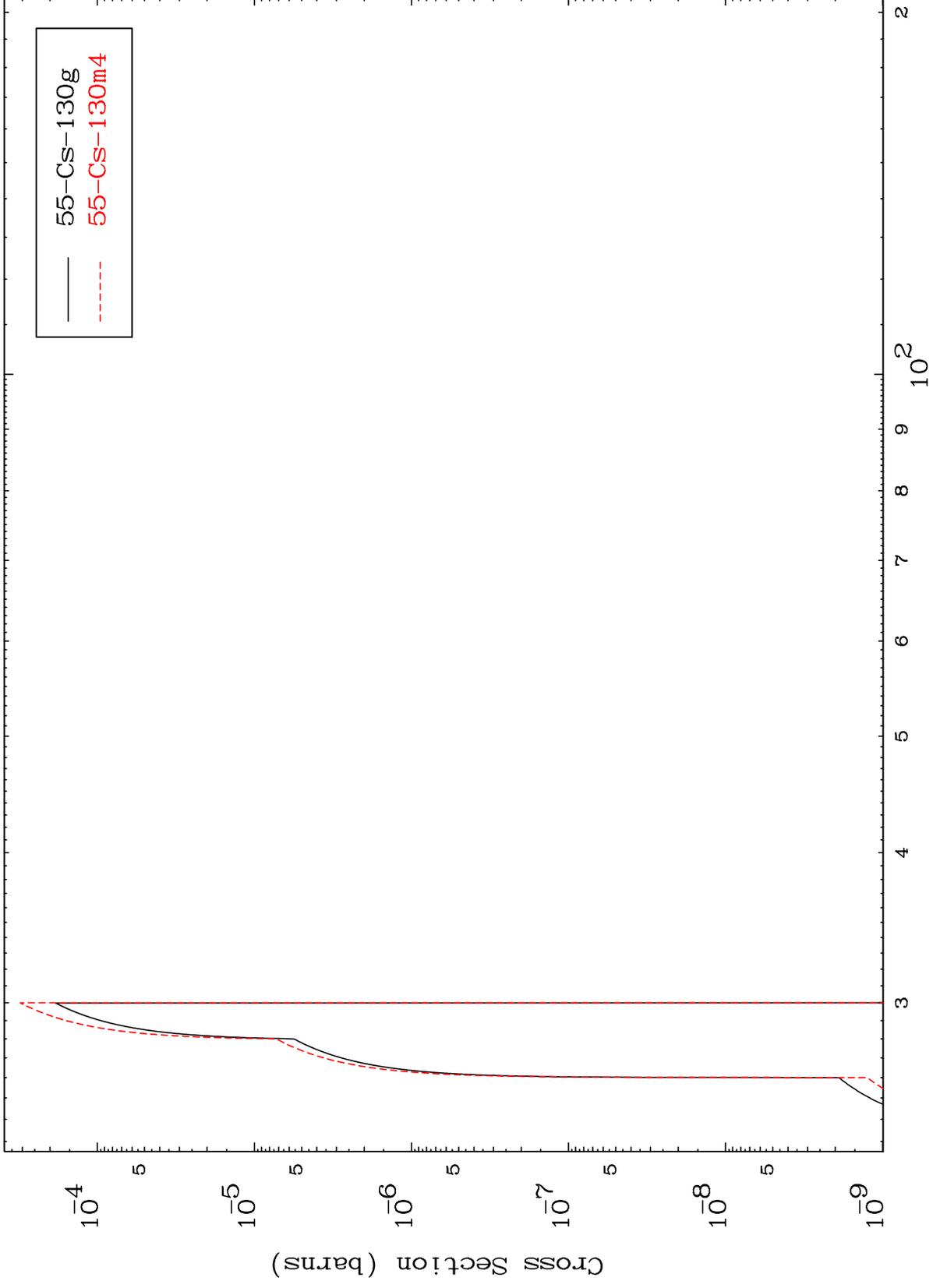
54-Xe-129m

MAT 5441

(n,2n) p

54-Xe-129m

Radionuclide Production Cross Section



14

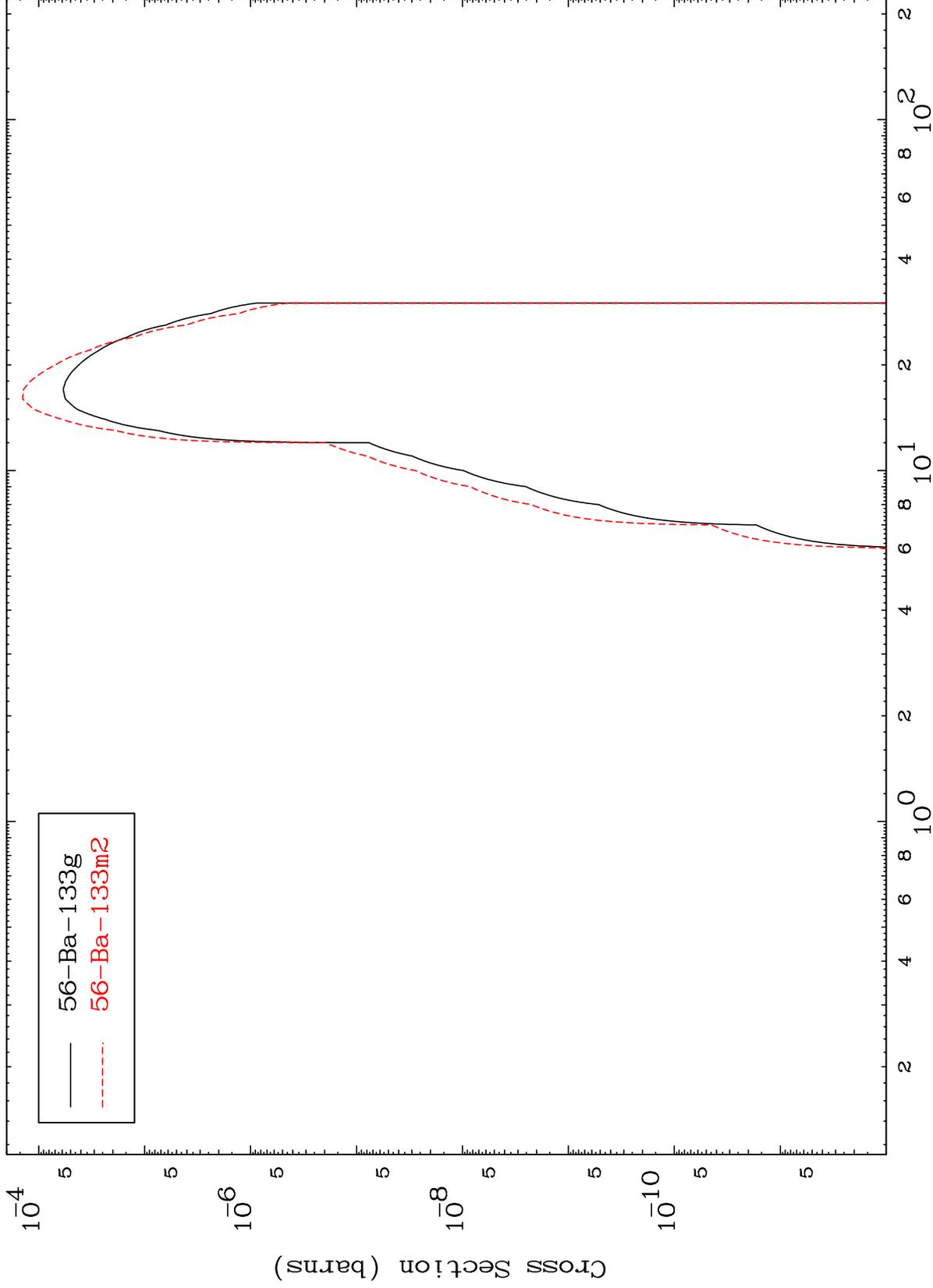
Incident Energy (MeV)

54-Xe-129m

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54-Xe-129m

(n, γ)
Radionuclide Production Cross Section



— 56-Ba-133g
- - - 56-Ba-133m2

54-Xe-129m

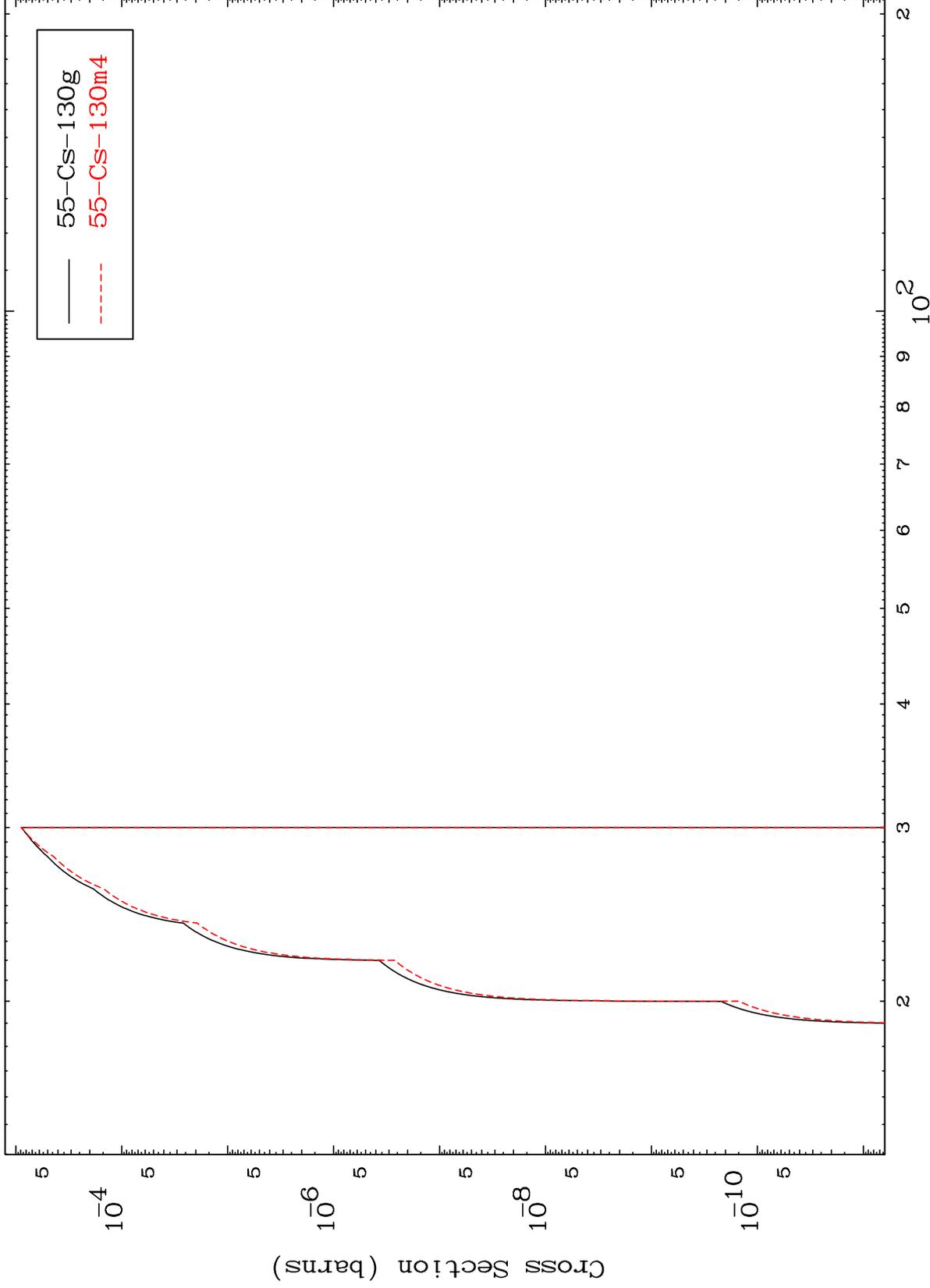
Incident Energy (MeV)

15

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54-Xe-129m

(n,t)
Radionuclide Production Cross Section



16

54-Xe-129m

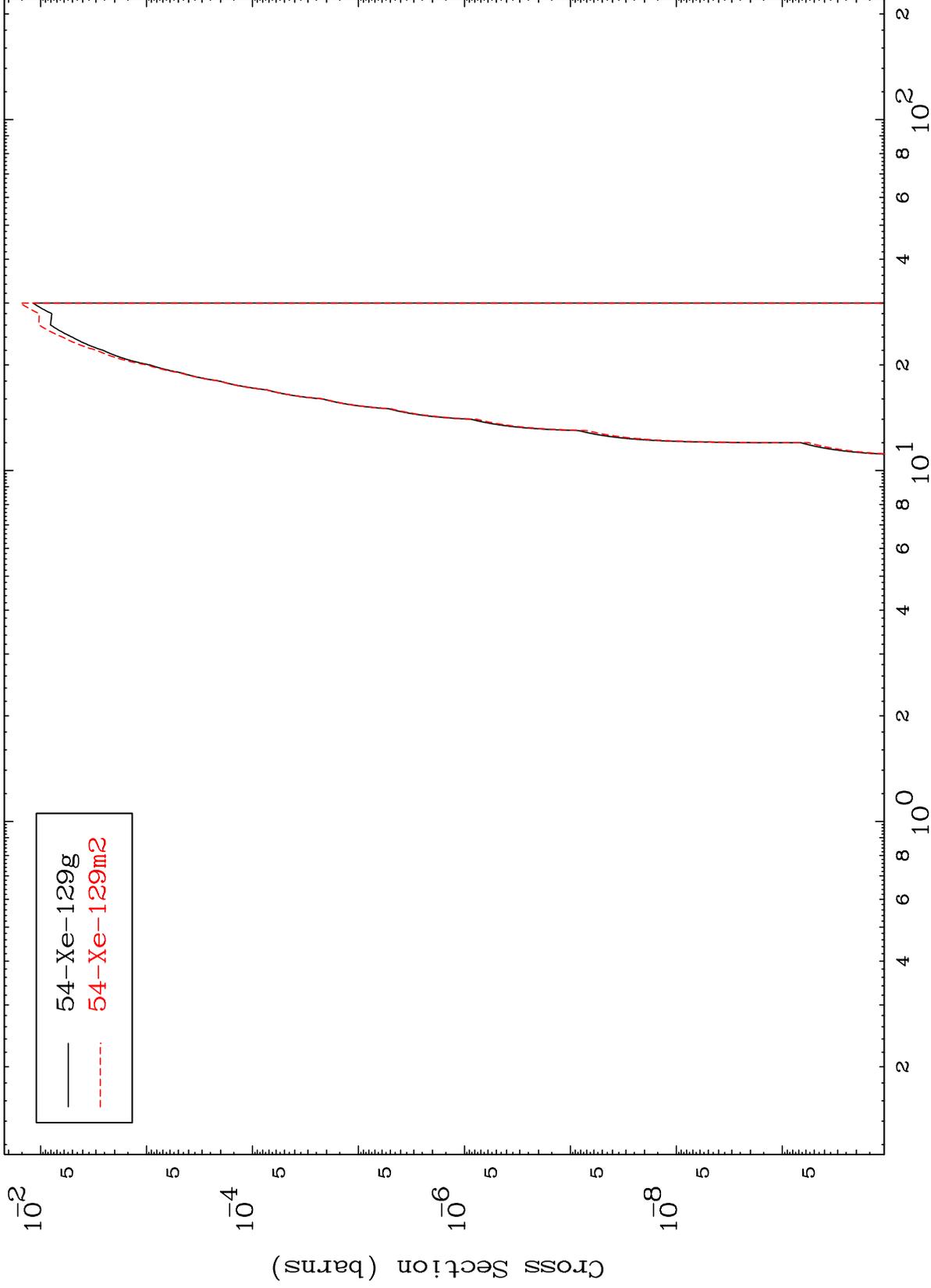
Incident Energy (MeV)

MAT 5441

(n, α)

54-Xe-129m

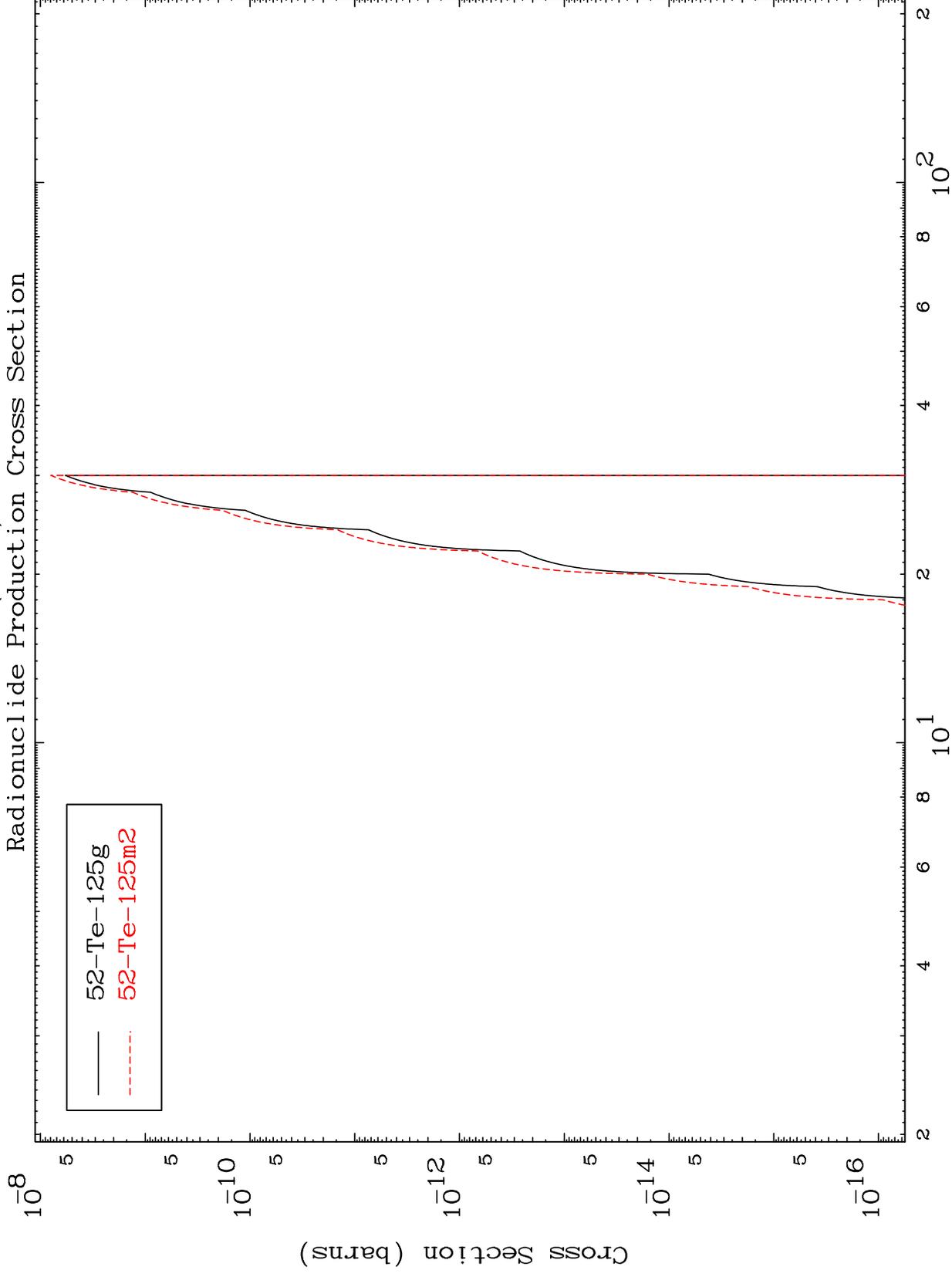
Radionuclide Production Cross Section



MAT 5441

54-Xe-129m

Radionuclide Production Cross Section
(n, 2 α)



18

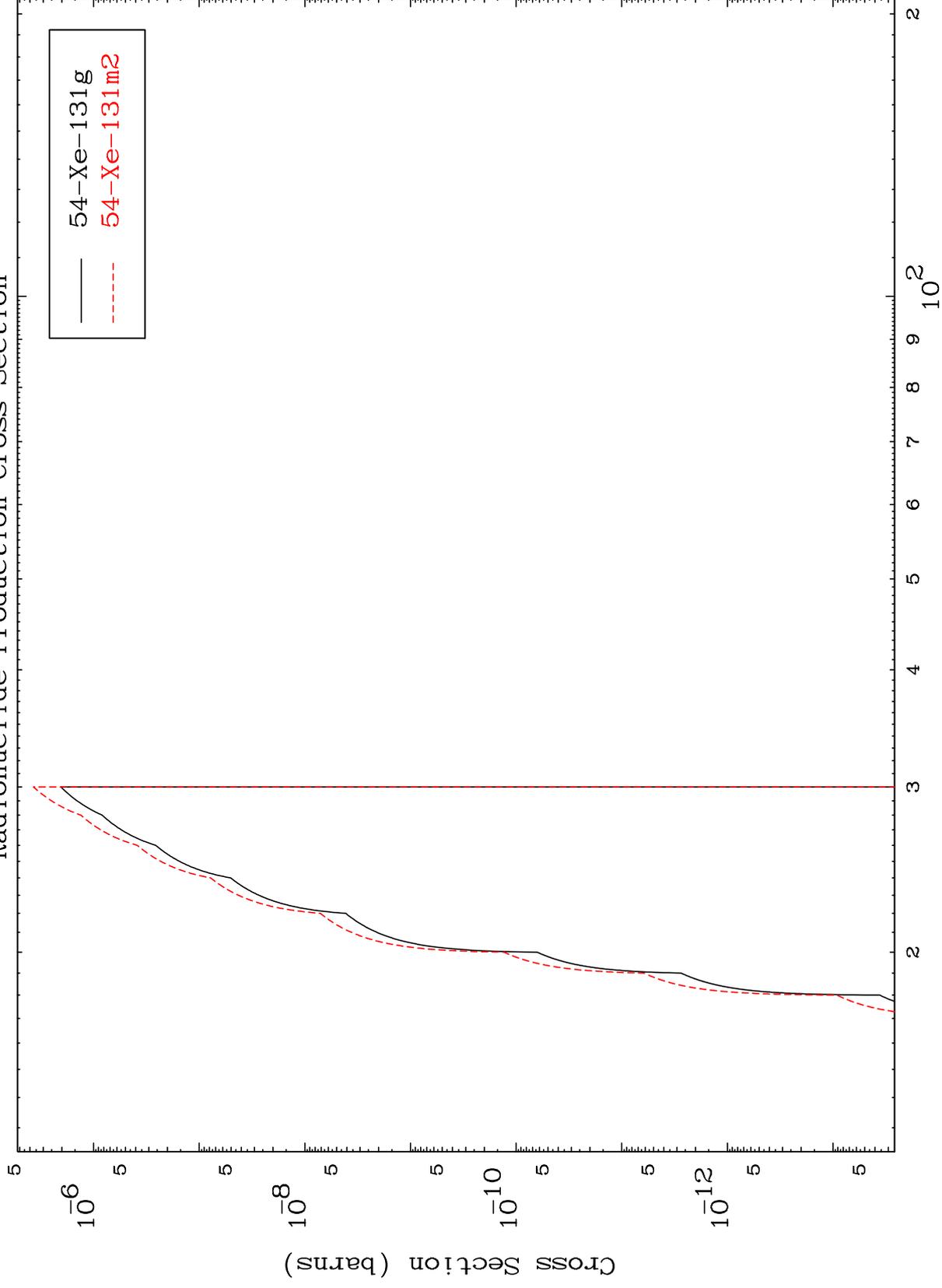
Incident Energy (MeV)

54-Xe-129m

MAT 5441

54-Xe-129m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

54-Xe-129m