

Program EVALPLOT
(Version 2021-1)

by

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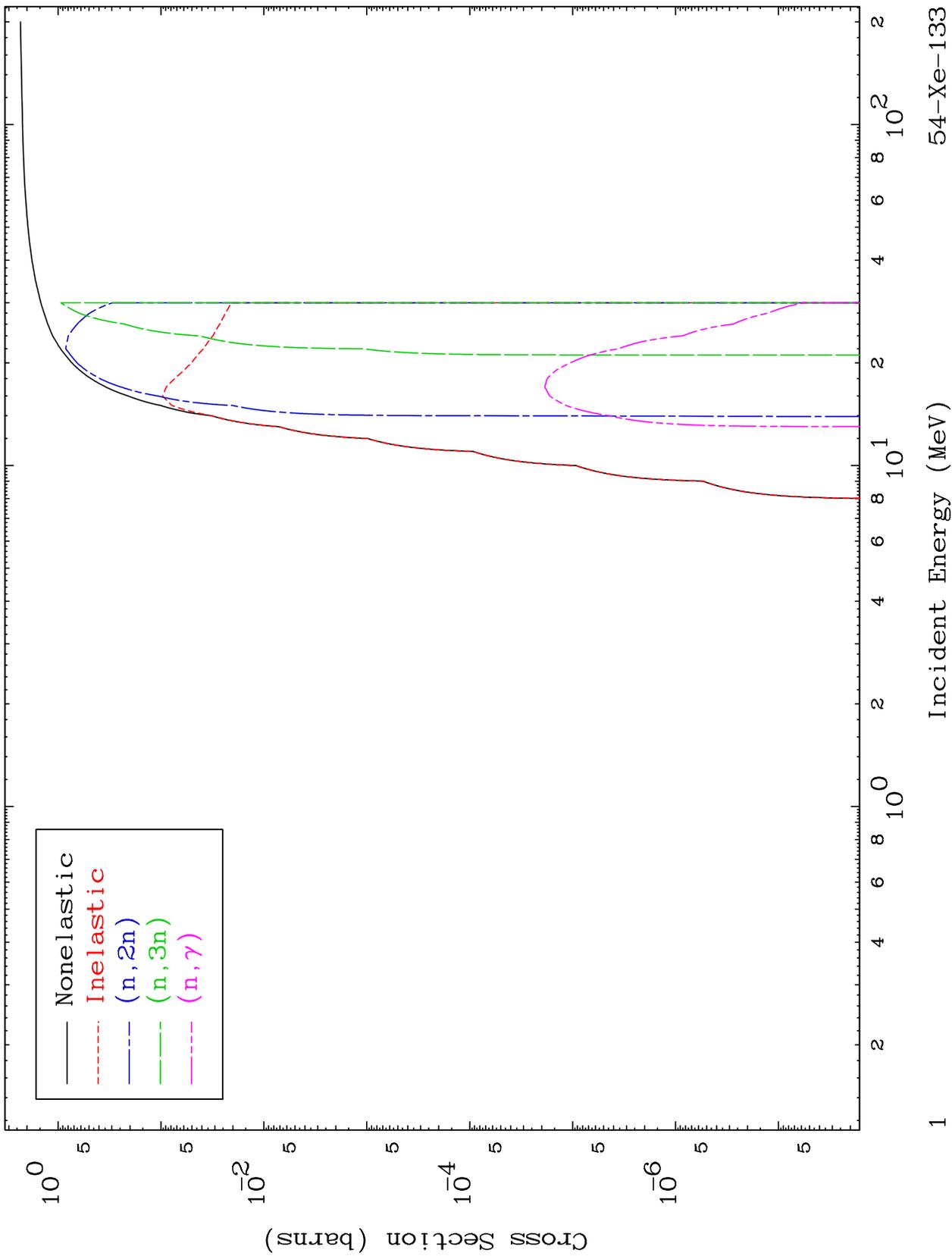
Press Mouse Button to Start

MAT 5452

α Major

54-Xe-133

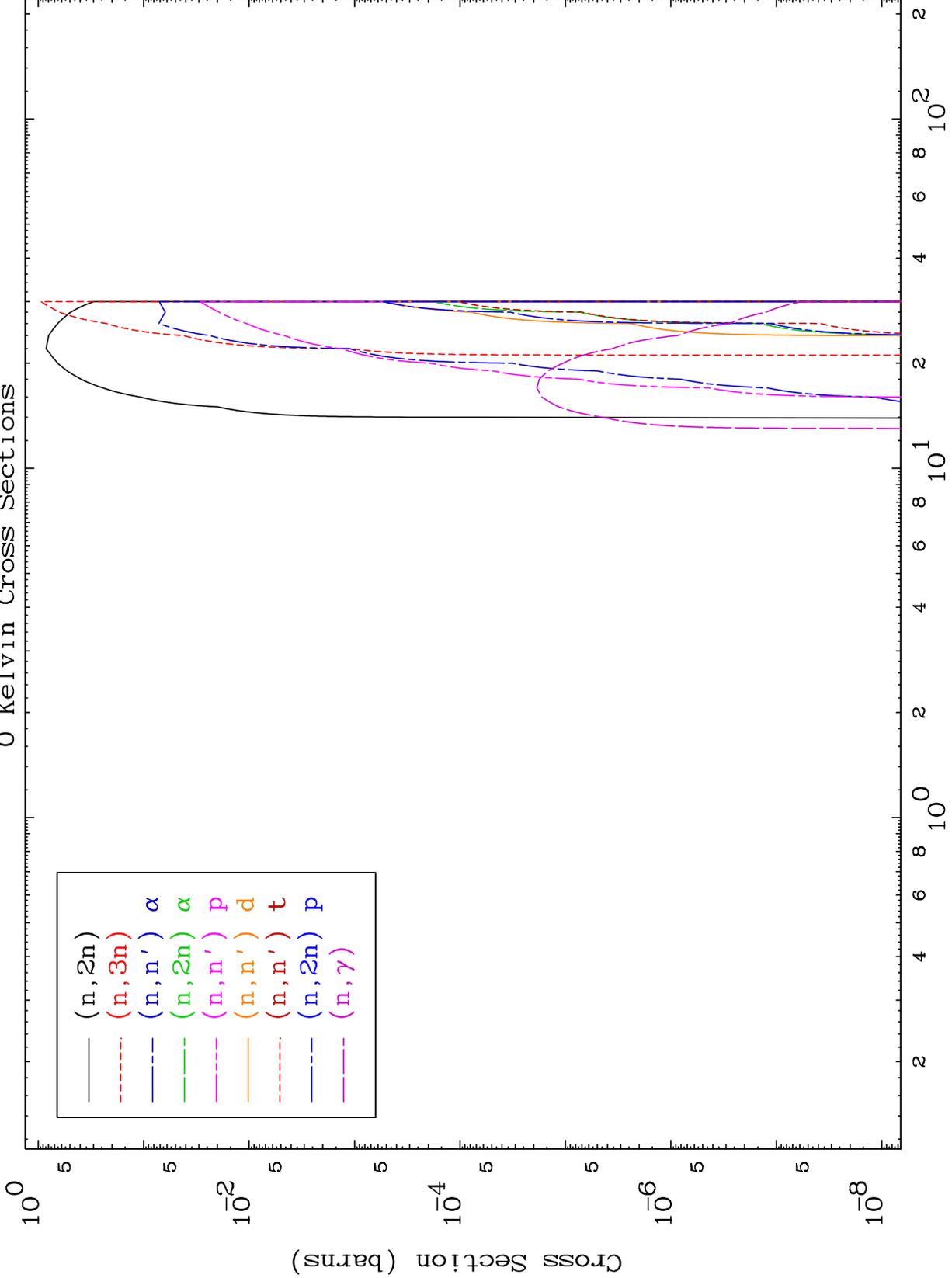
0 Kelvin Cross Sections

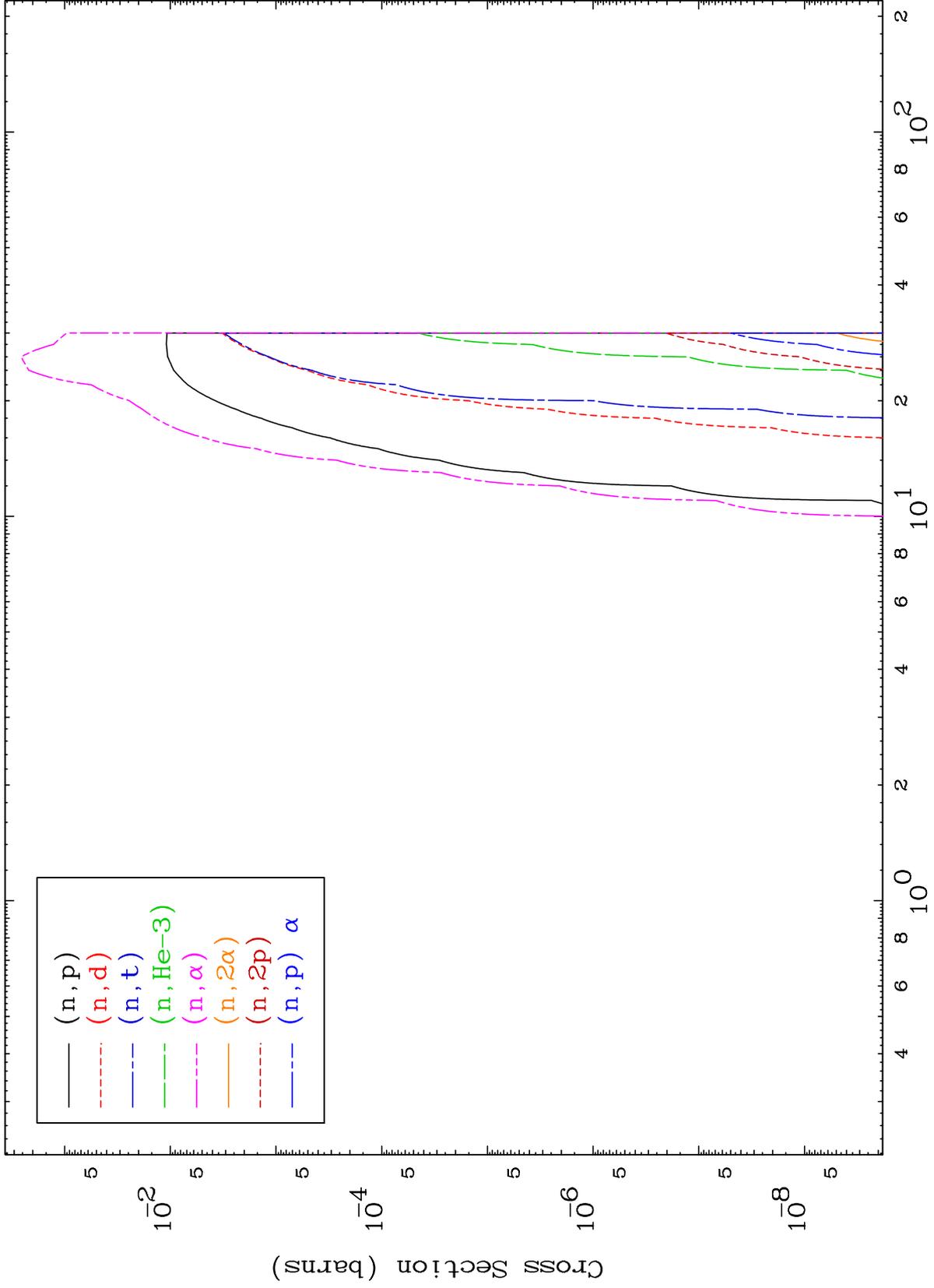


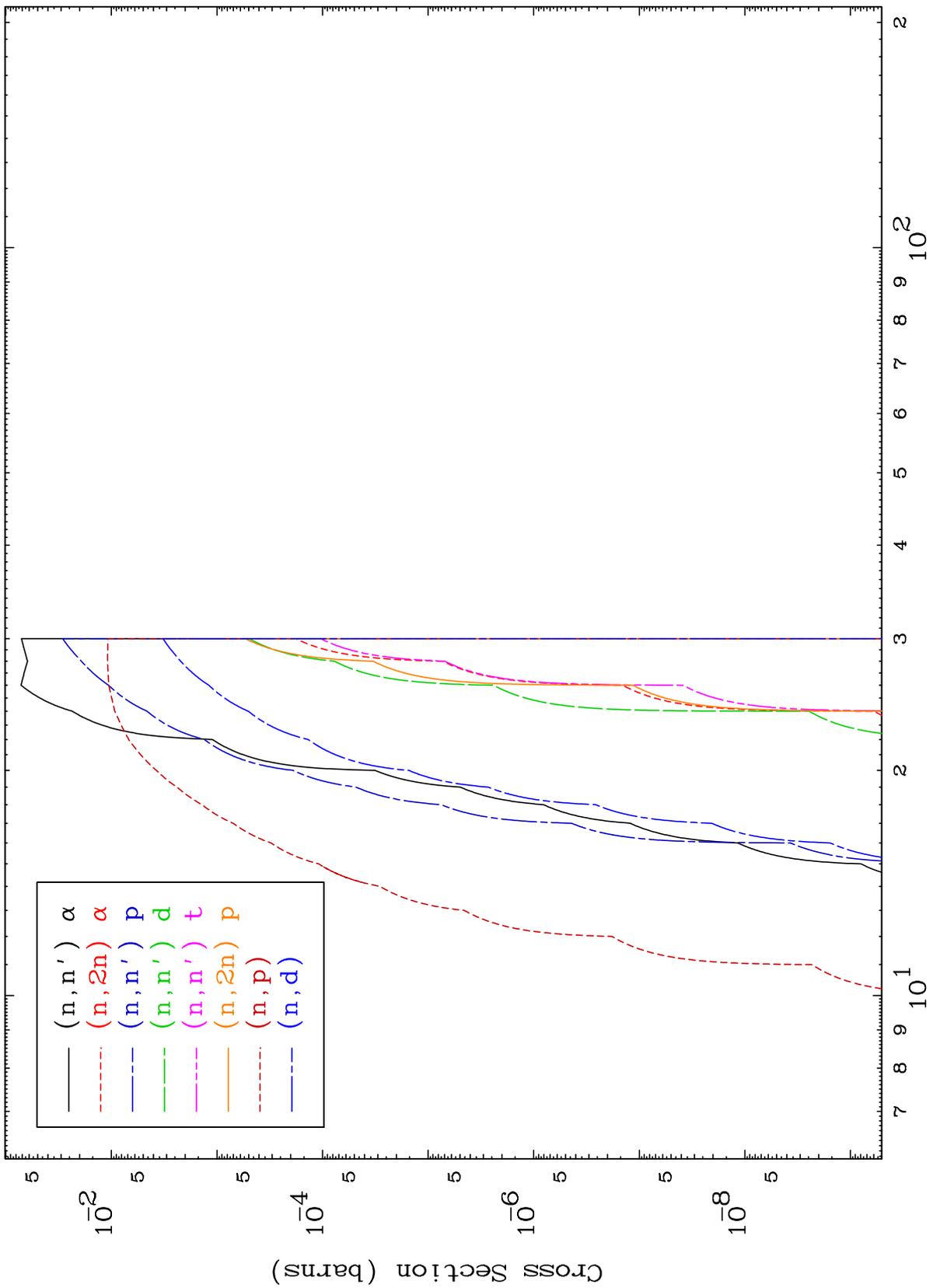
MAT 5452

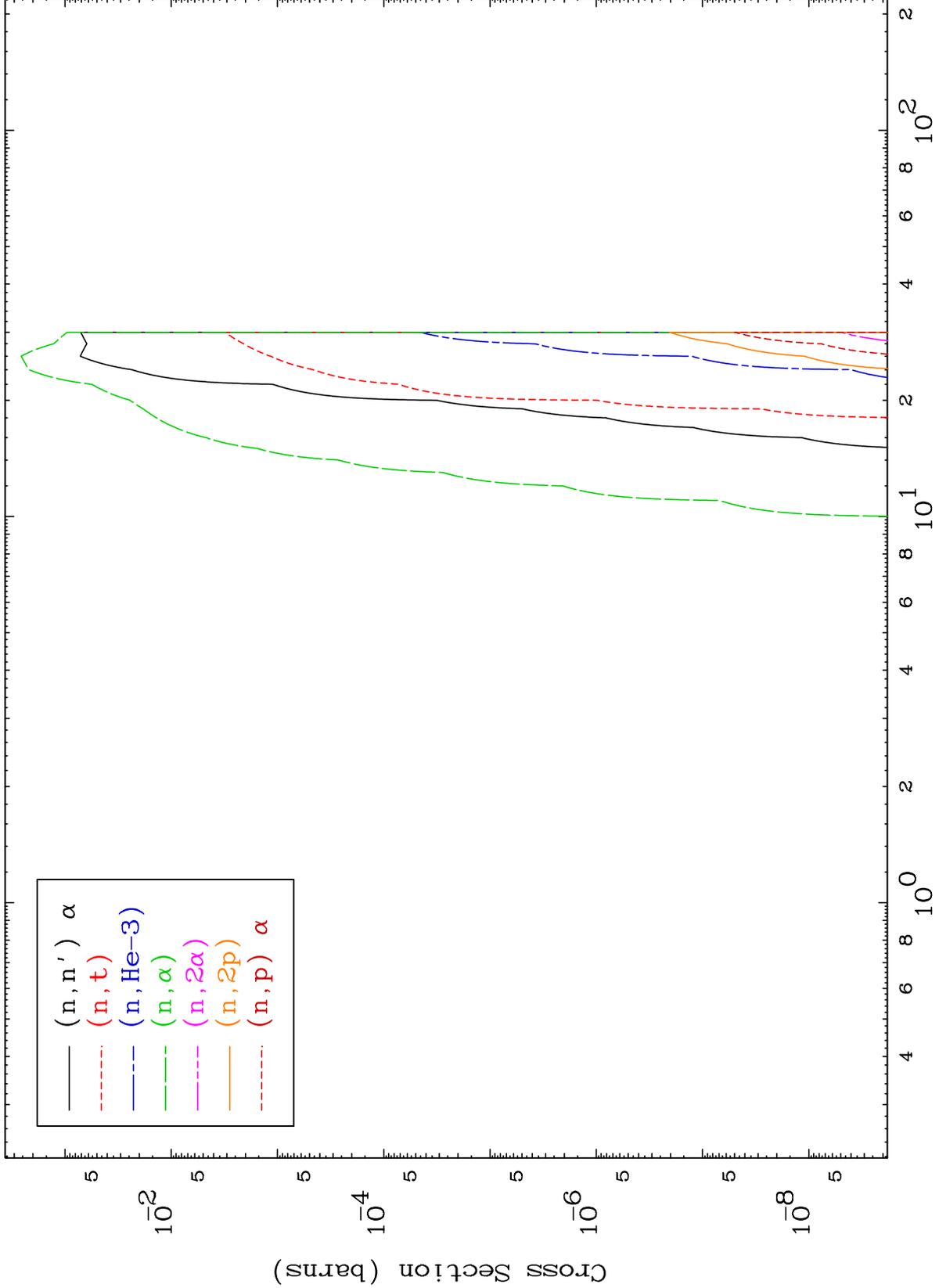
α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-133





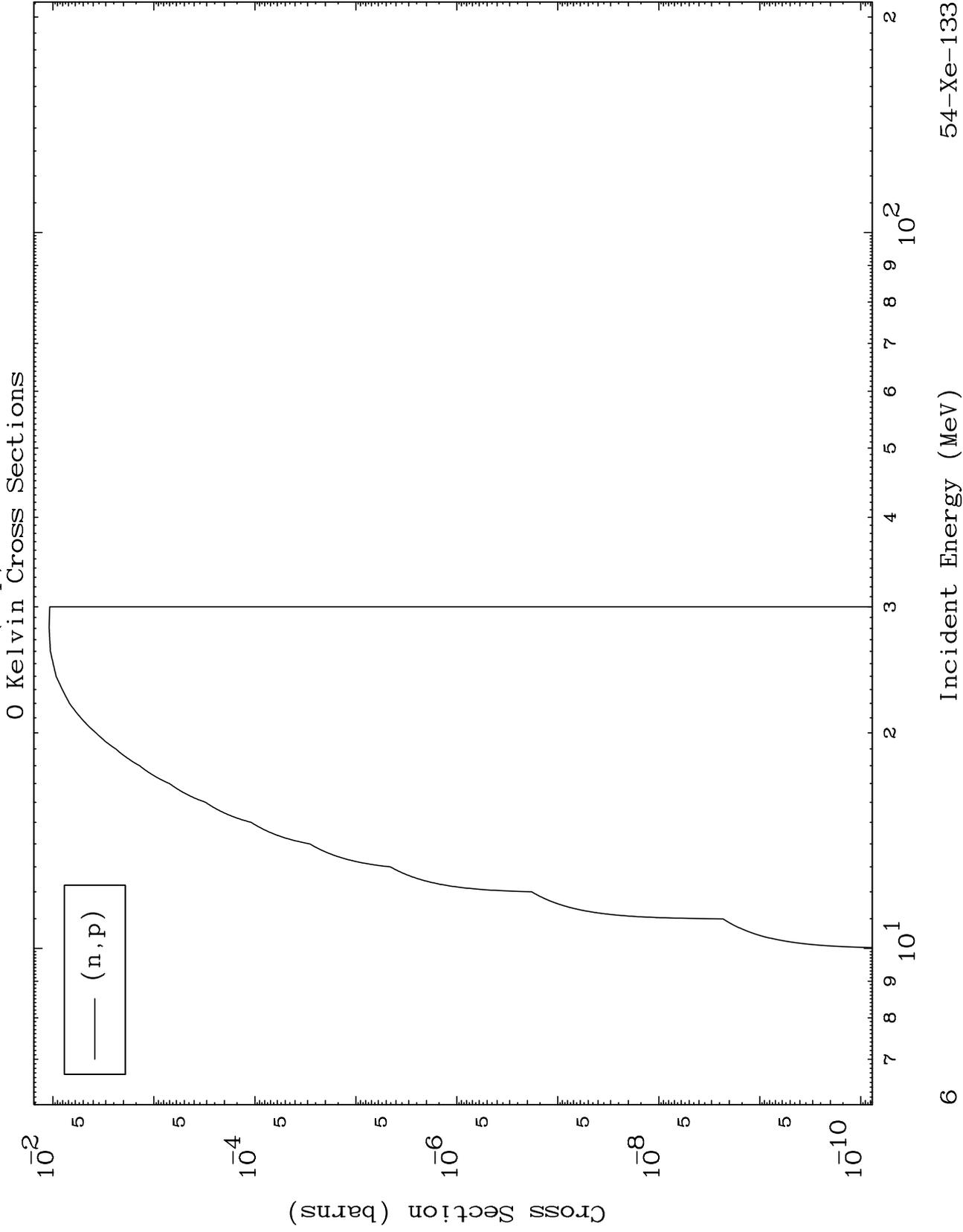




MAT 5452

(α, p) Levels

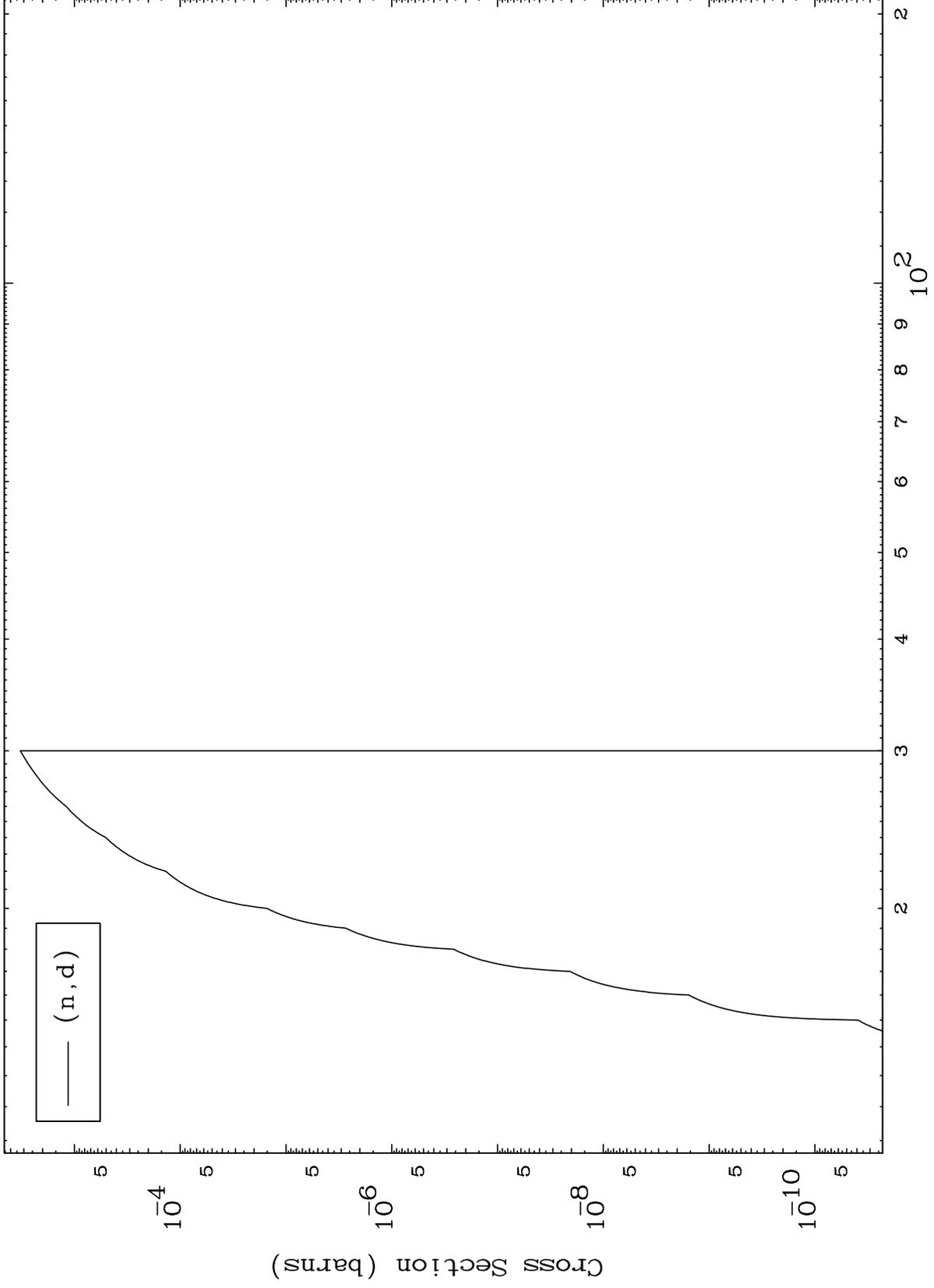
54-Xe-133



MAT 5452

(α, d) Levels
0 Kelvin Cross Sections

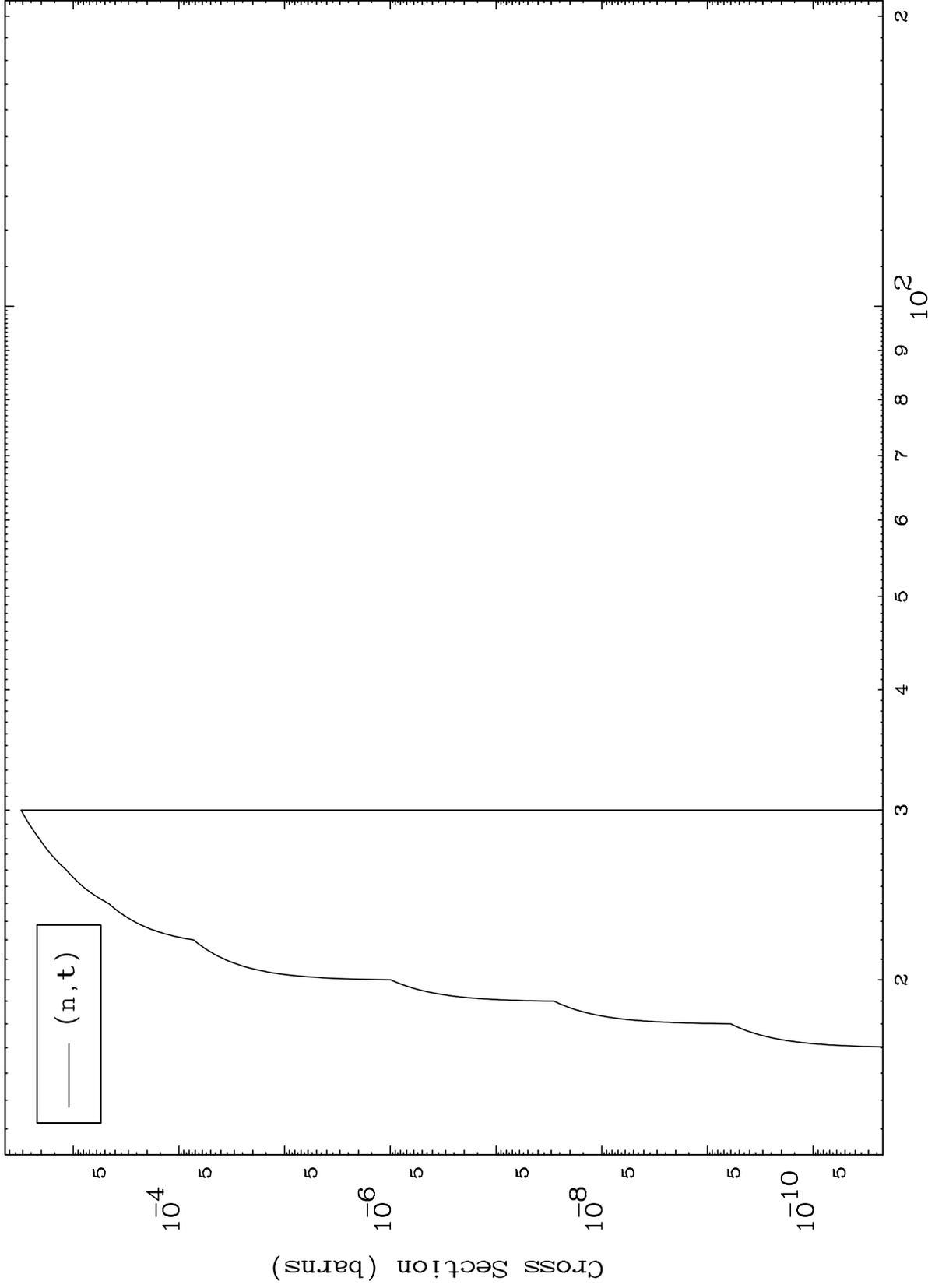
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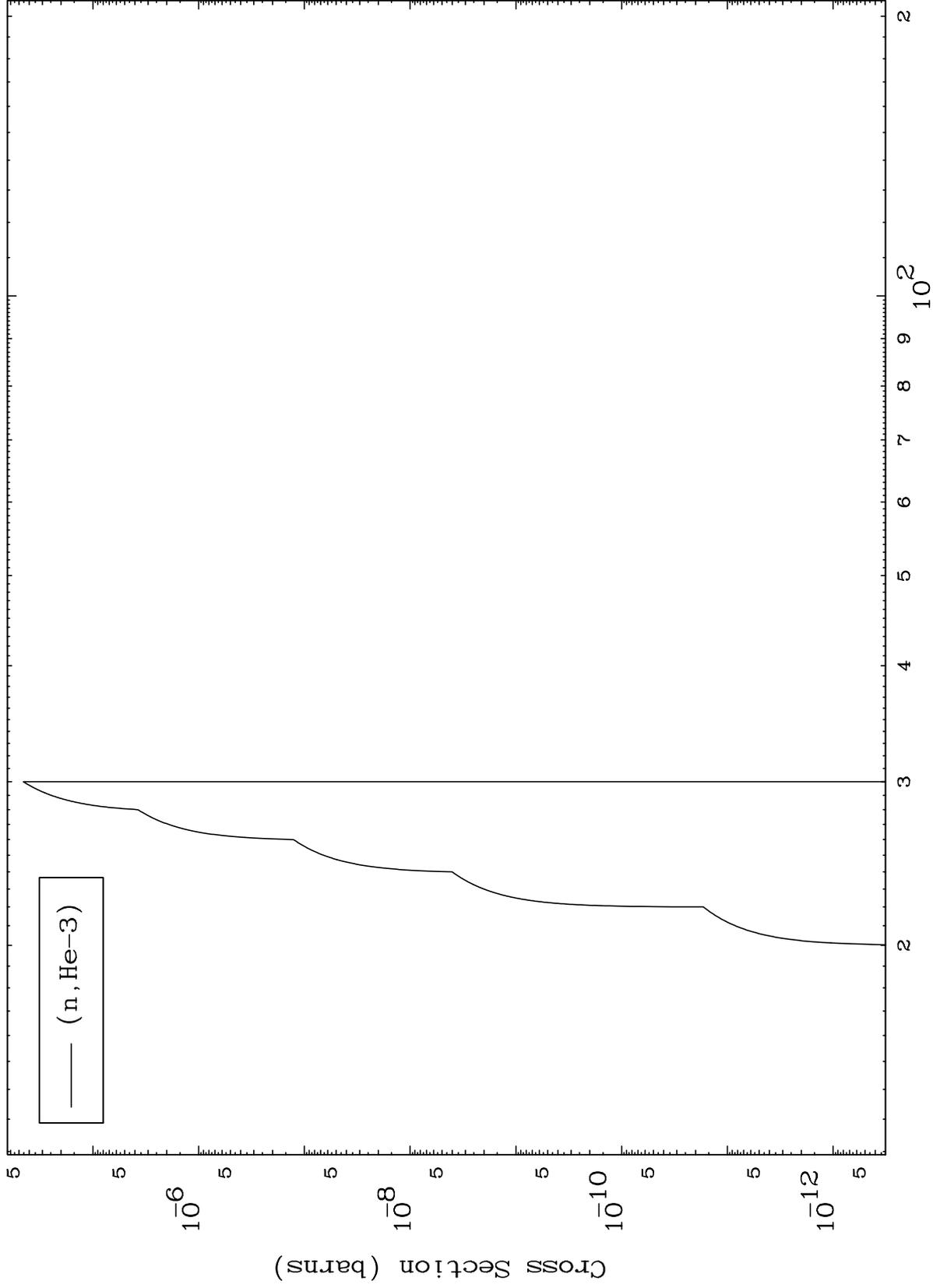


7

Incident Energy (MeV)

54-Xe-133



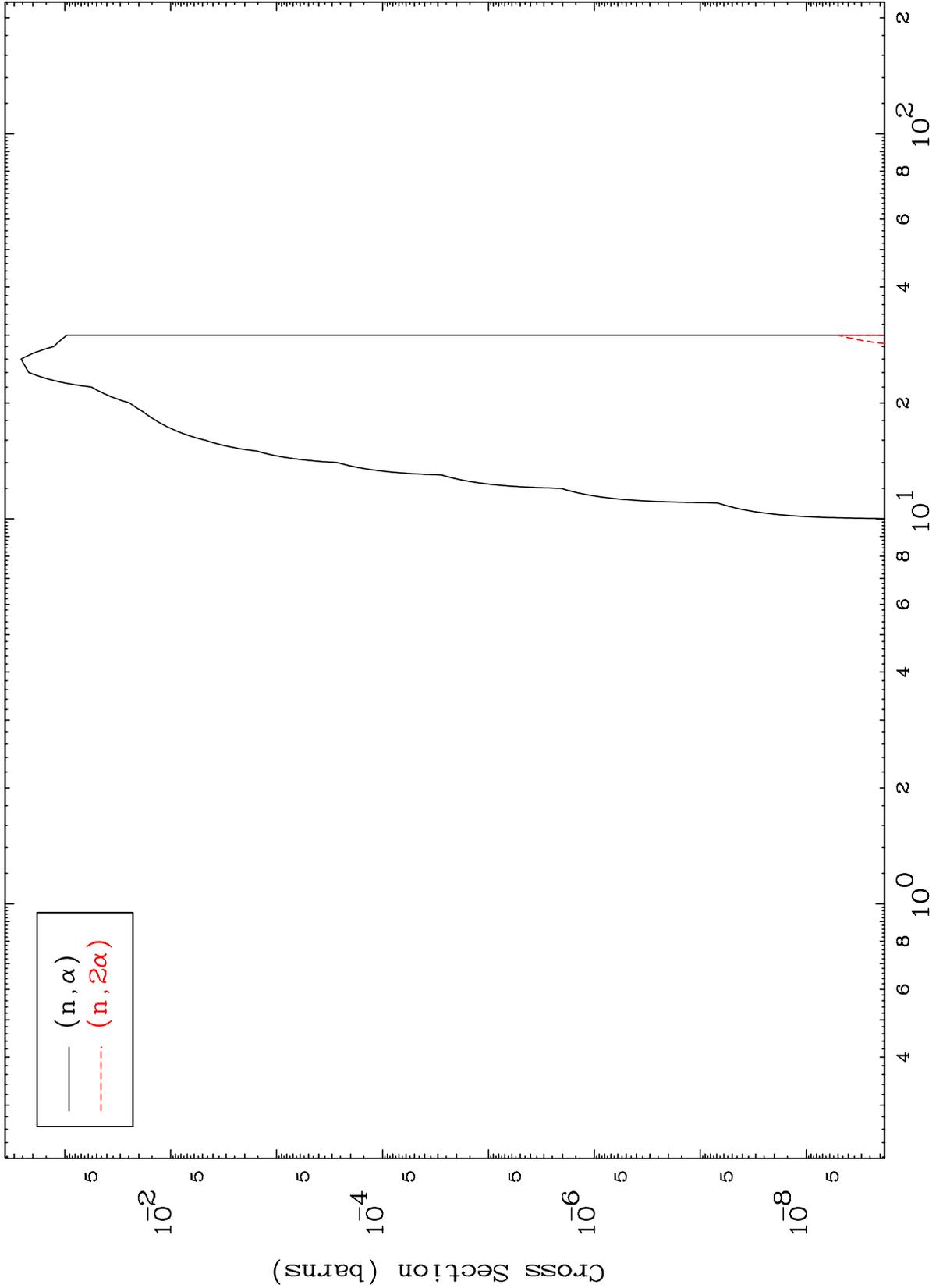


MAT 5452

(α, α) Levels

54-Xe-133

0 Kelvin Cross Sections



10

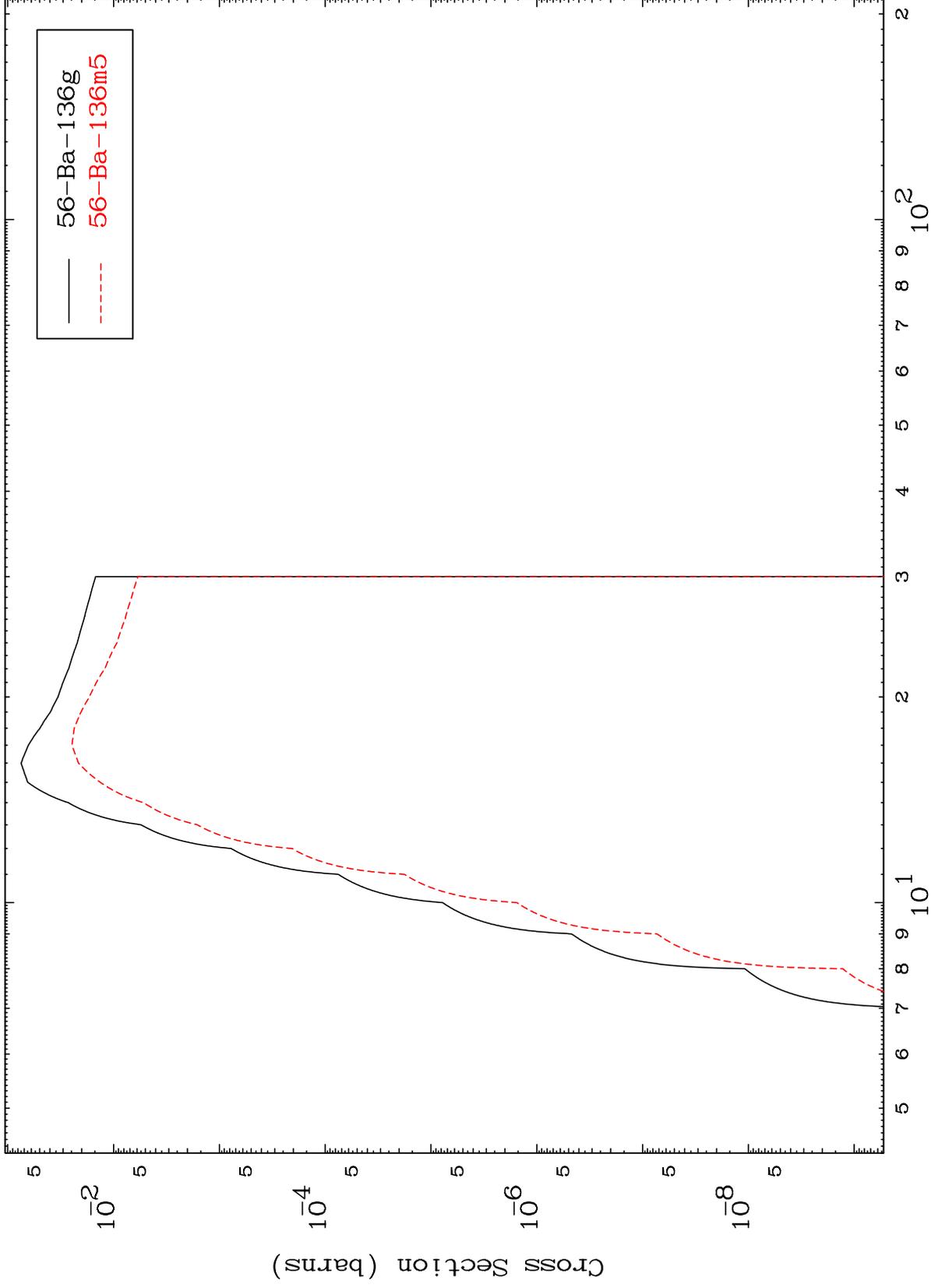
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

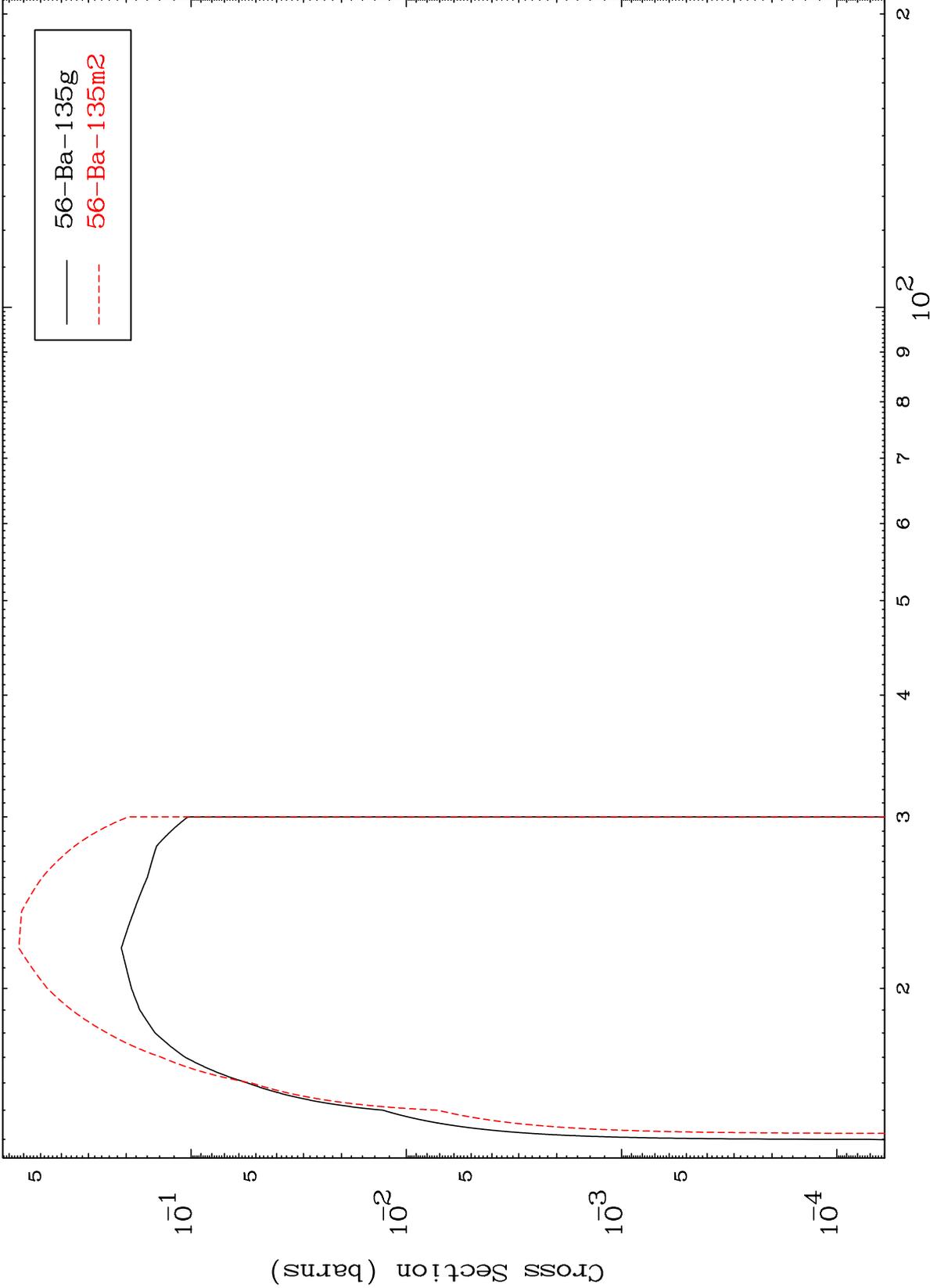
54-Xe-133

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(n,2n)

54-Xe-133

Radionuclide Production Cross Section



12

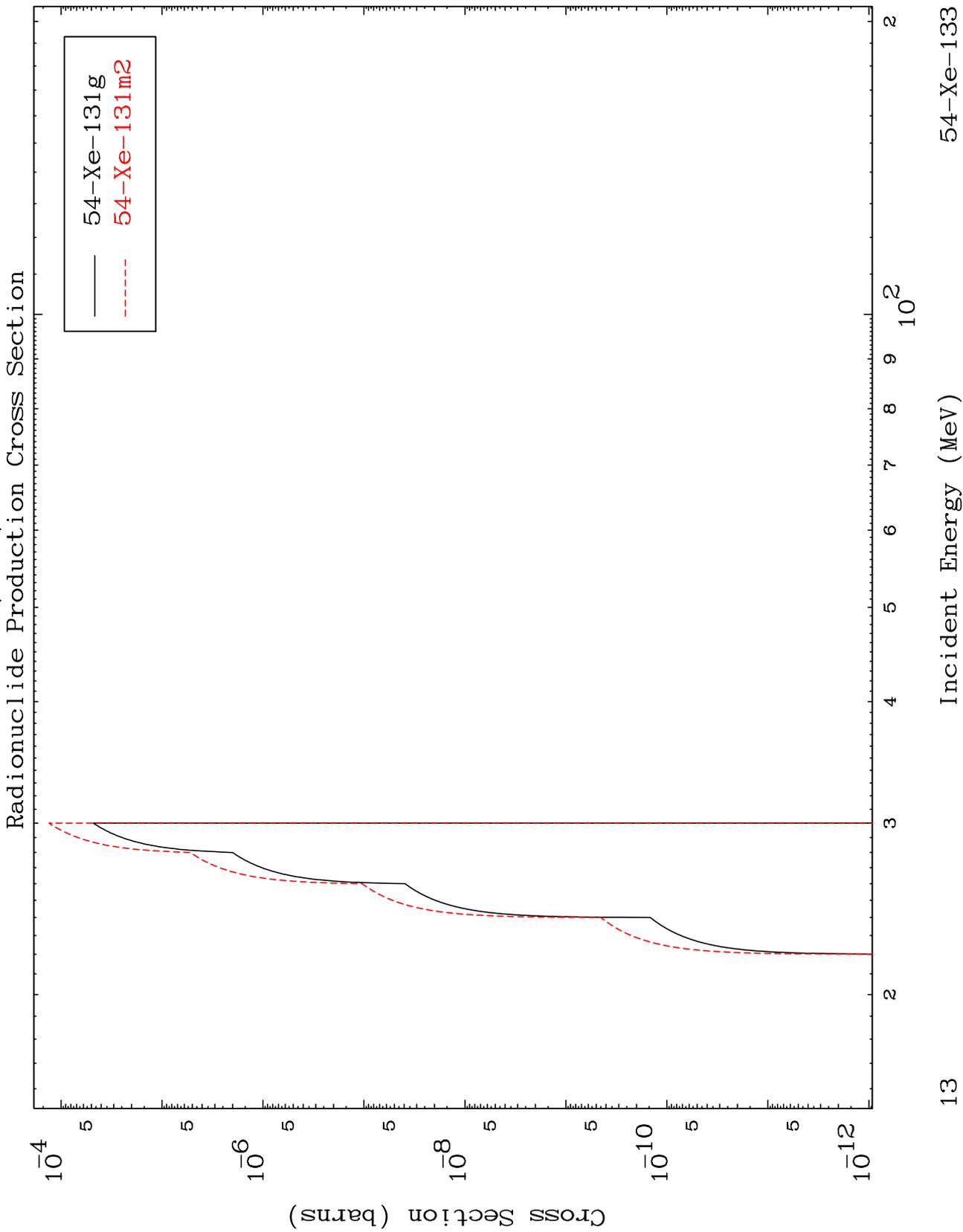
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,2n) α

54-Xe-133



13

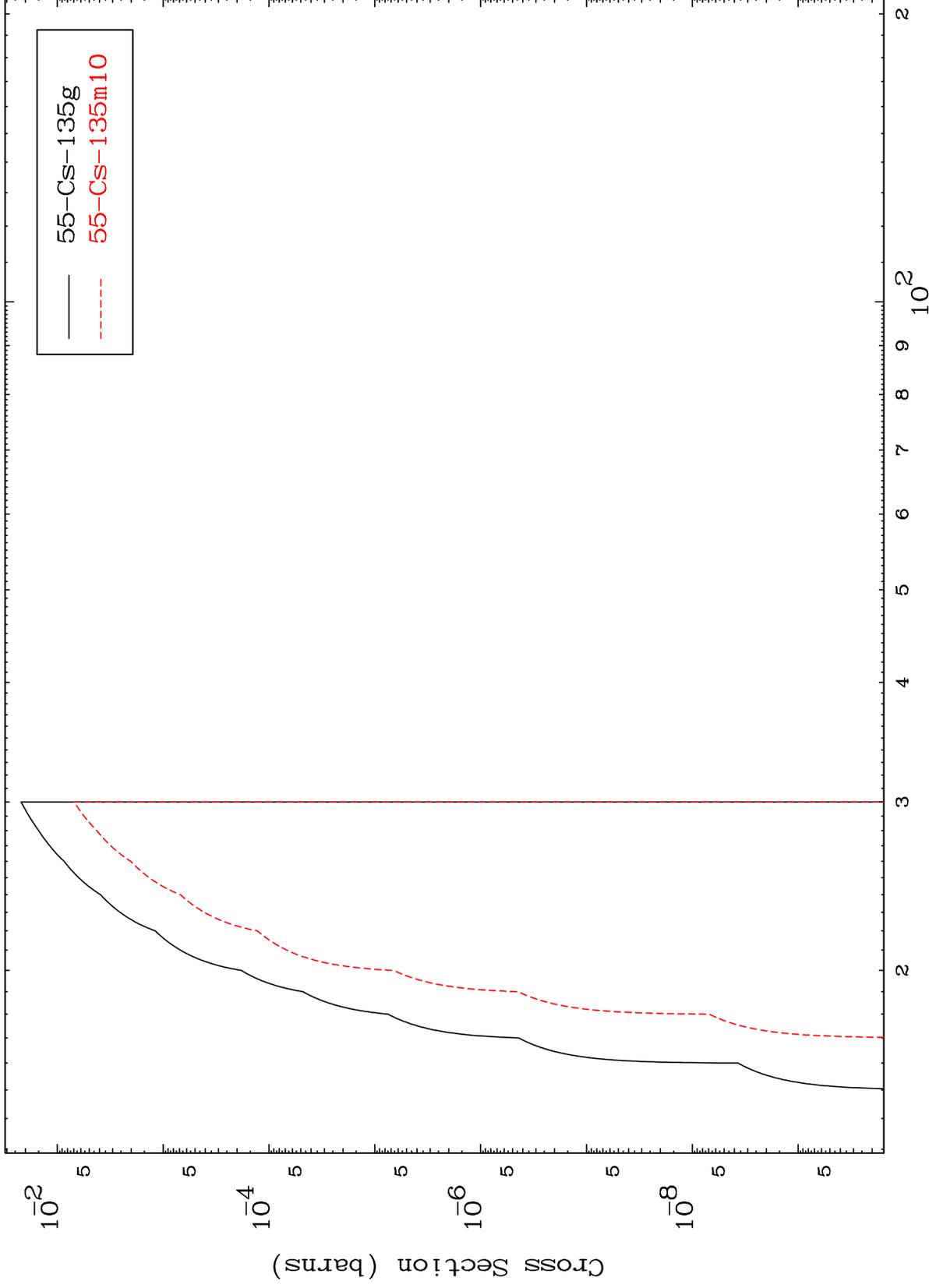
54-Xe-133

MAT 5452

(n, n') p

54-Xe-133

Radionuclide Production Cross Section



14

Incident Energy (MeV)

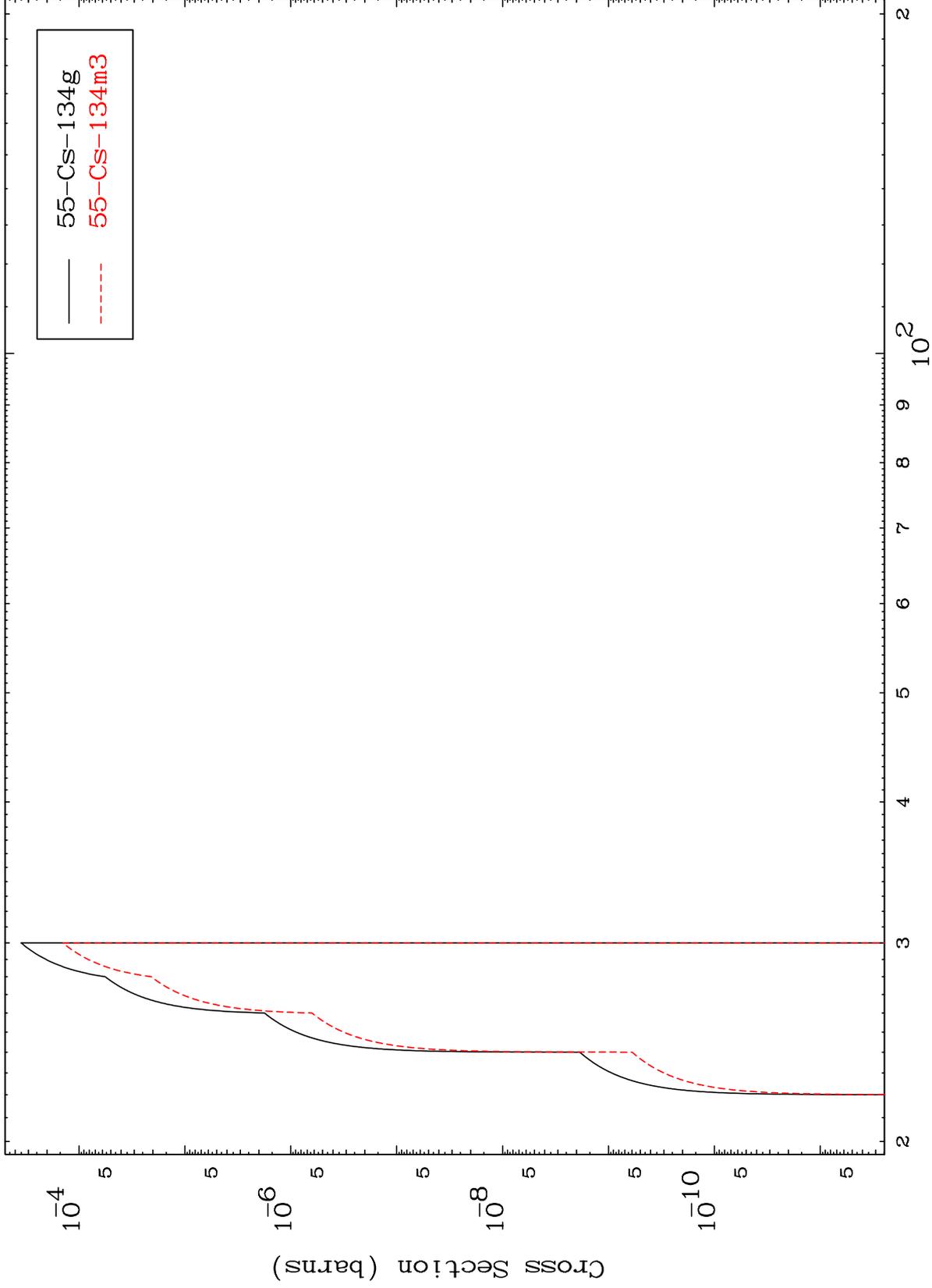
54-Xe-133

MAT 5452

(n,n') d

54-Xe-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

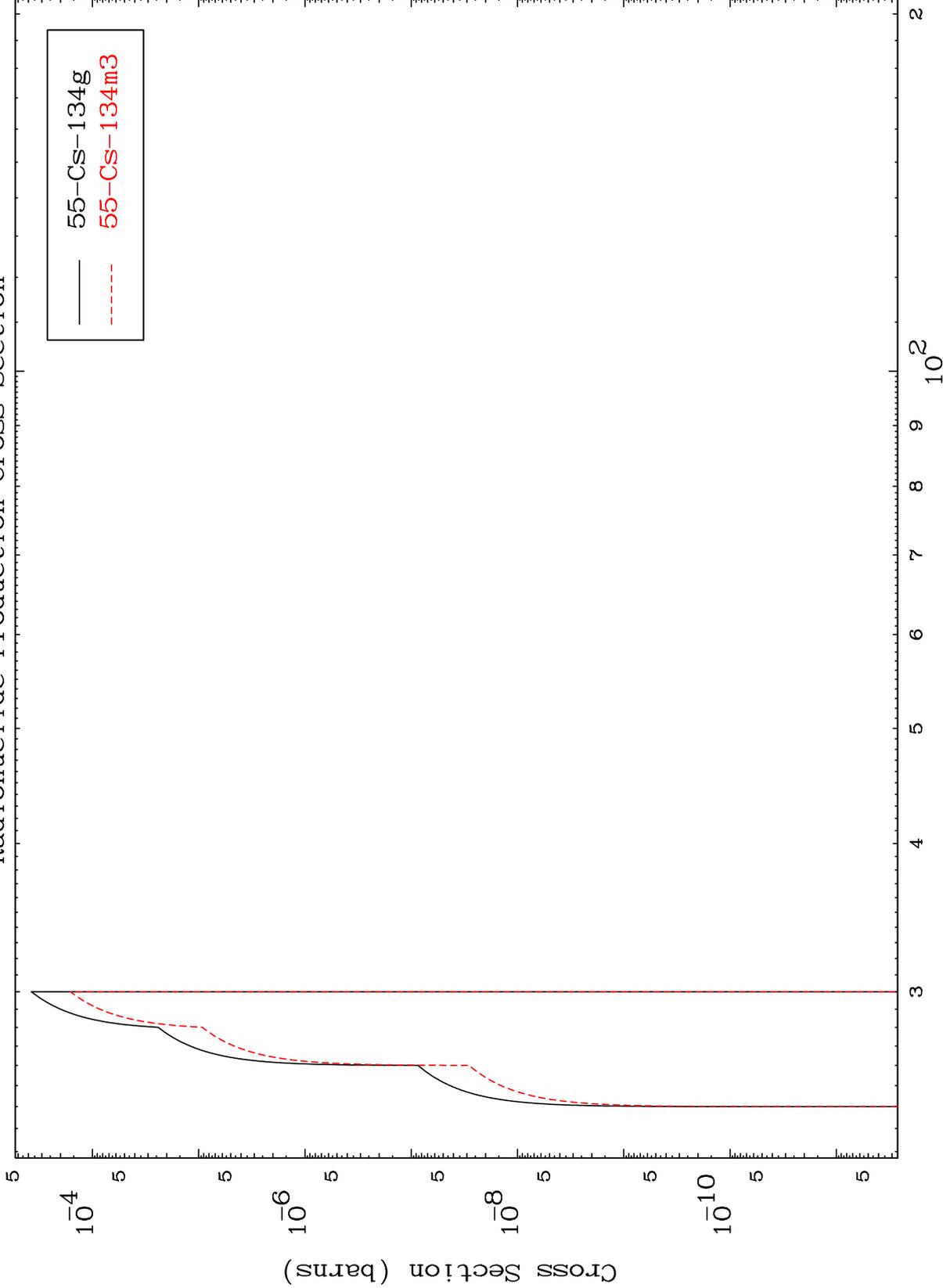
54-Xe-133

MAT 5452

(n,2n) p

54-Xe-133

Radionuclide Production Cross Section



16

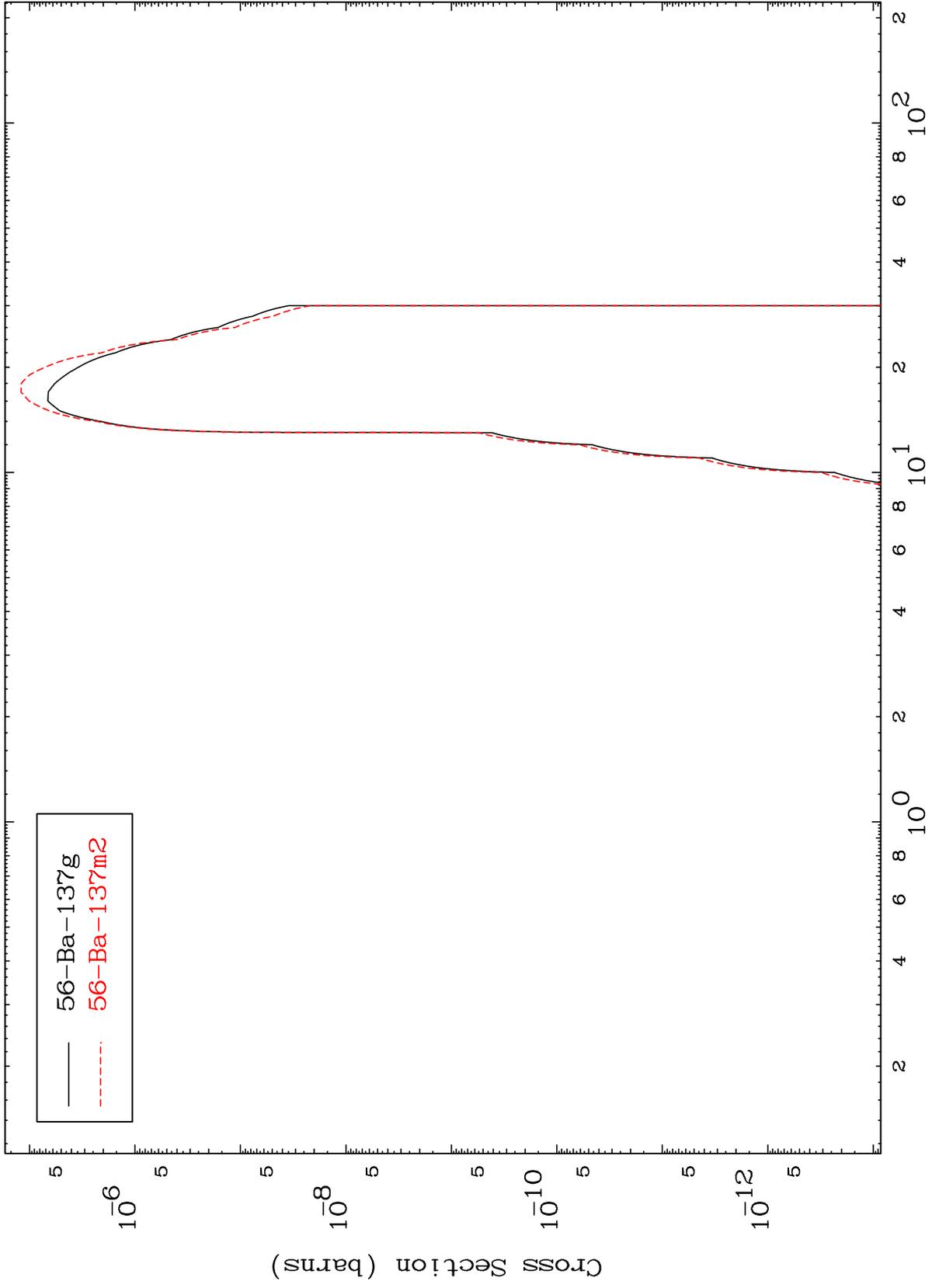
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

(n, γ)
Radionuclide Production Cross Section



— 56-Ba-137g
- - - 56-Ba-137m2

54-Xe-133

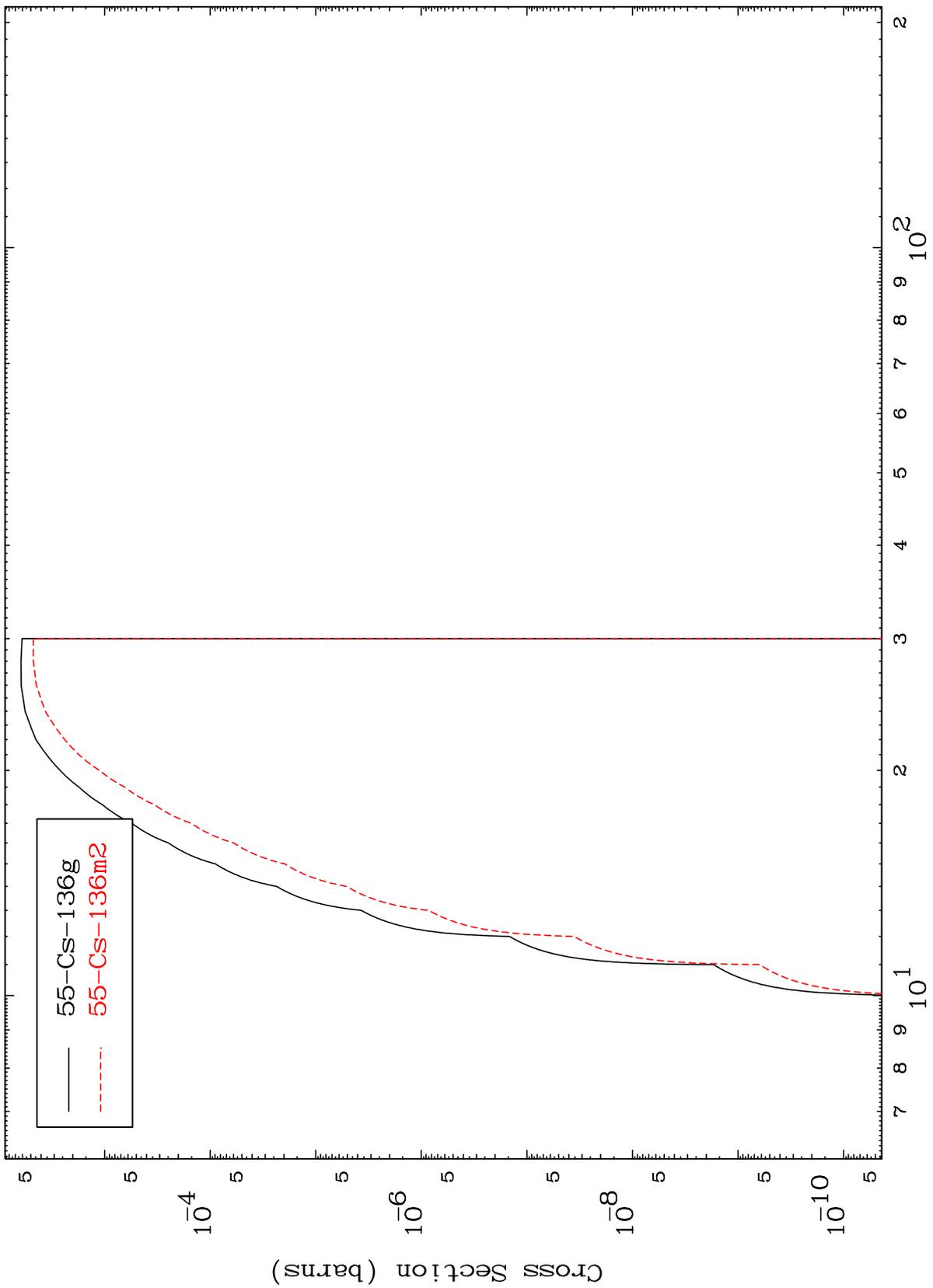
Incident Energy (MeV)

17

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54-Xe-133

(n,p)
Radionuclide Production Cross Section

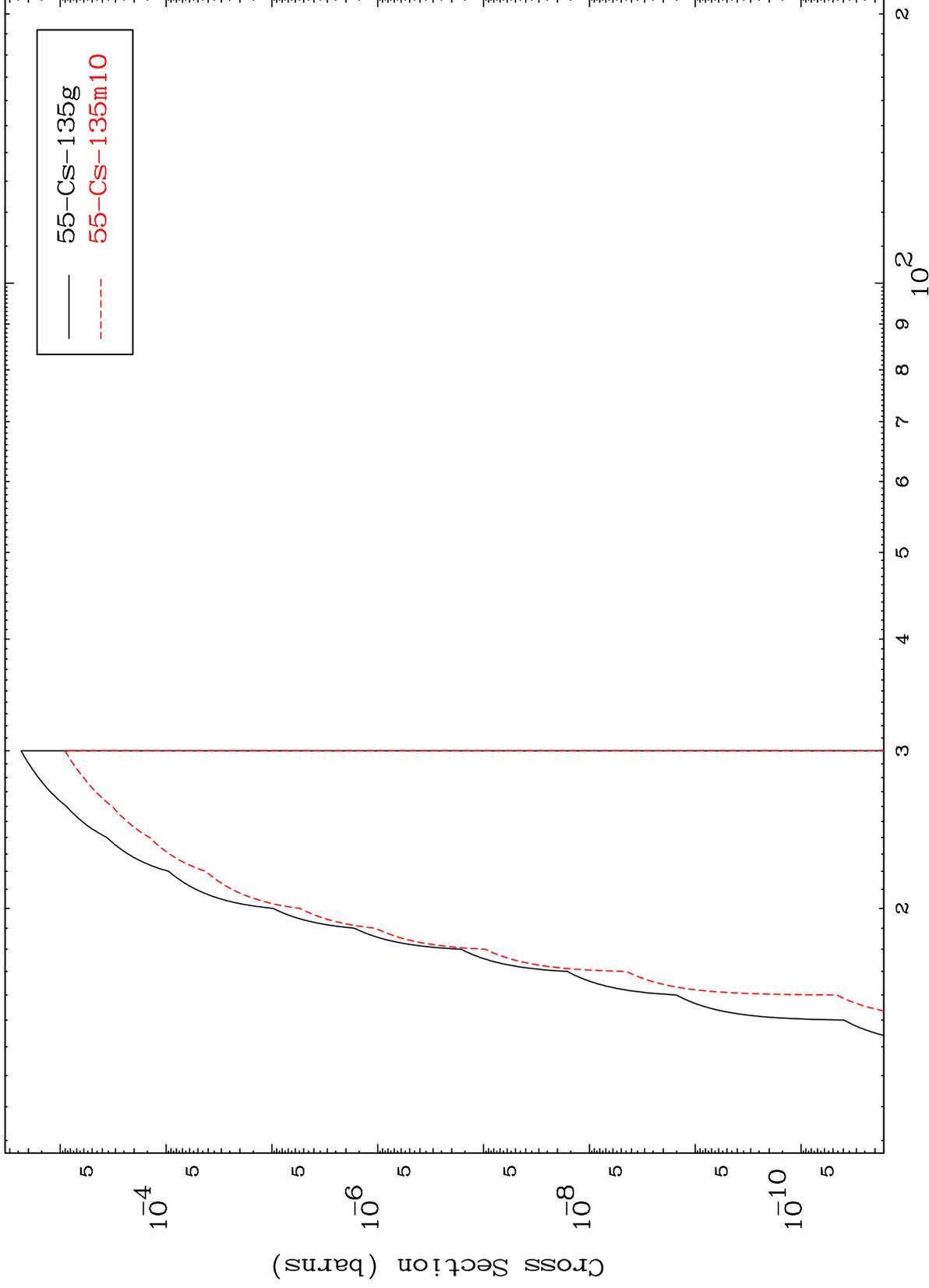


18

Incident Energy (MeV)

54-Xe-133

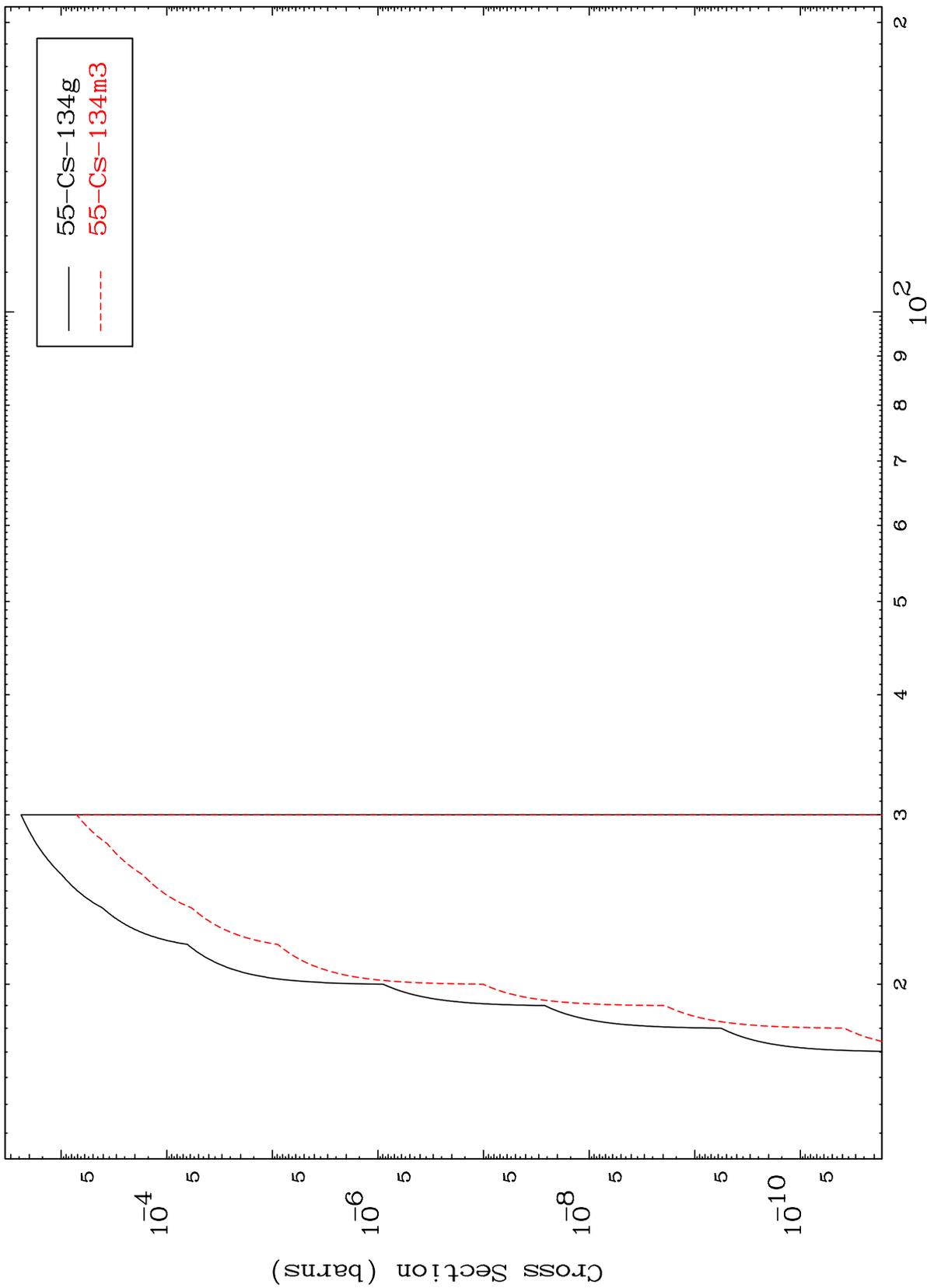
(n,d)
Radionuclide Production Cross Section



MAT 5452

54-Xe-133

(n, t)
Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

20

Incident Energy (MeV)

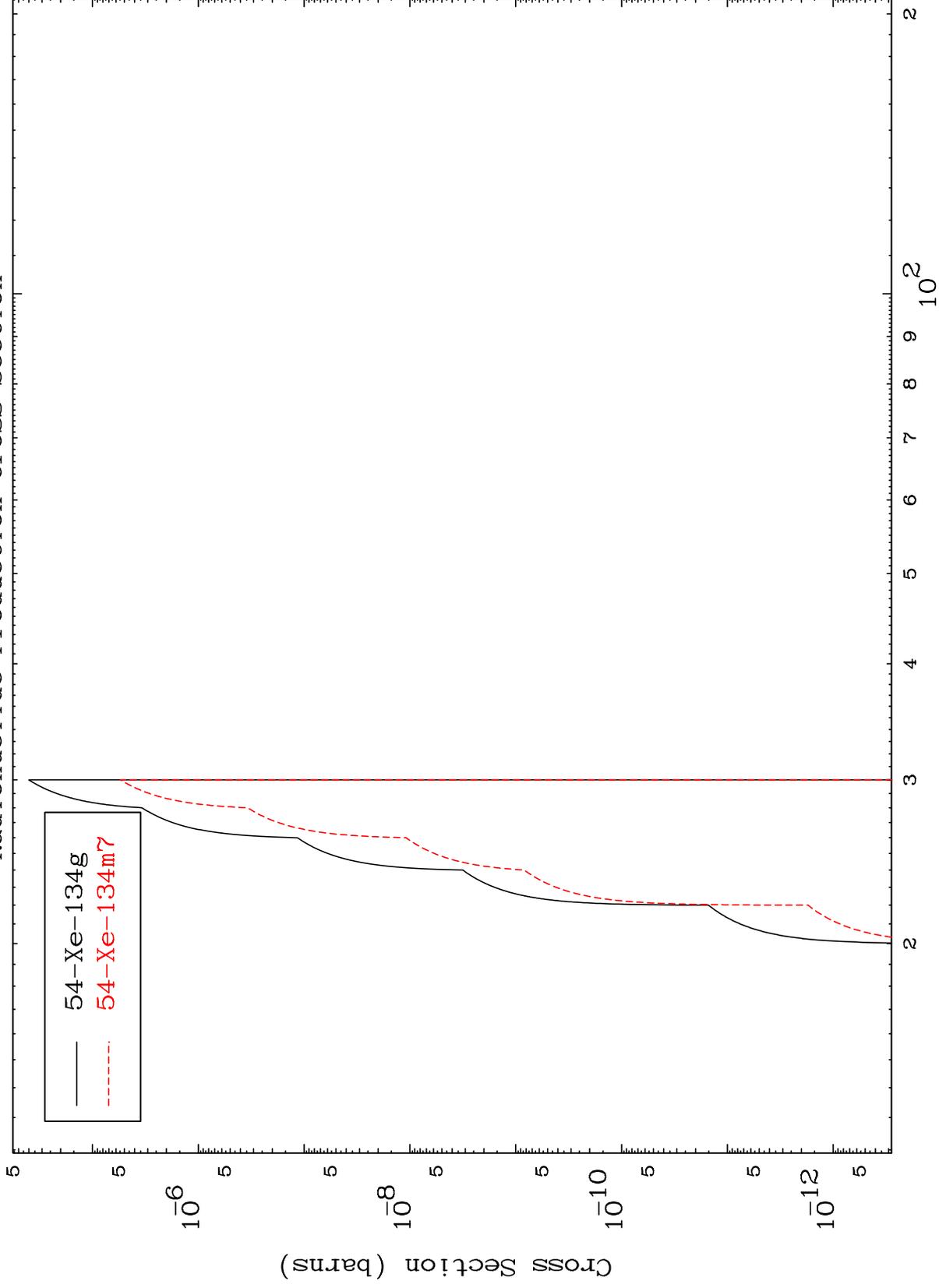
54-Xe-133

MAT 5452

(n,He-3)

54-Xe-133

Radionuclide Production Cross Section



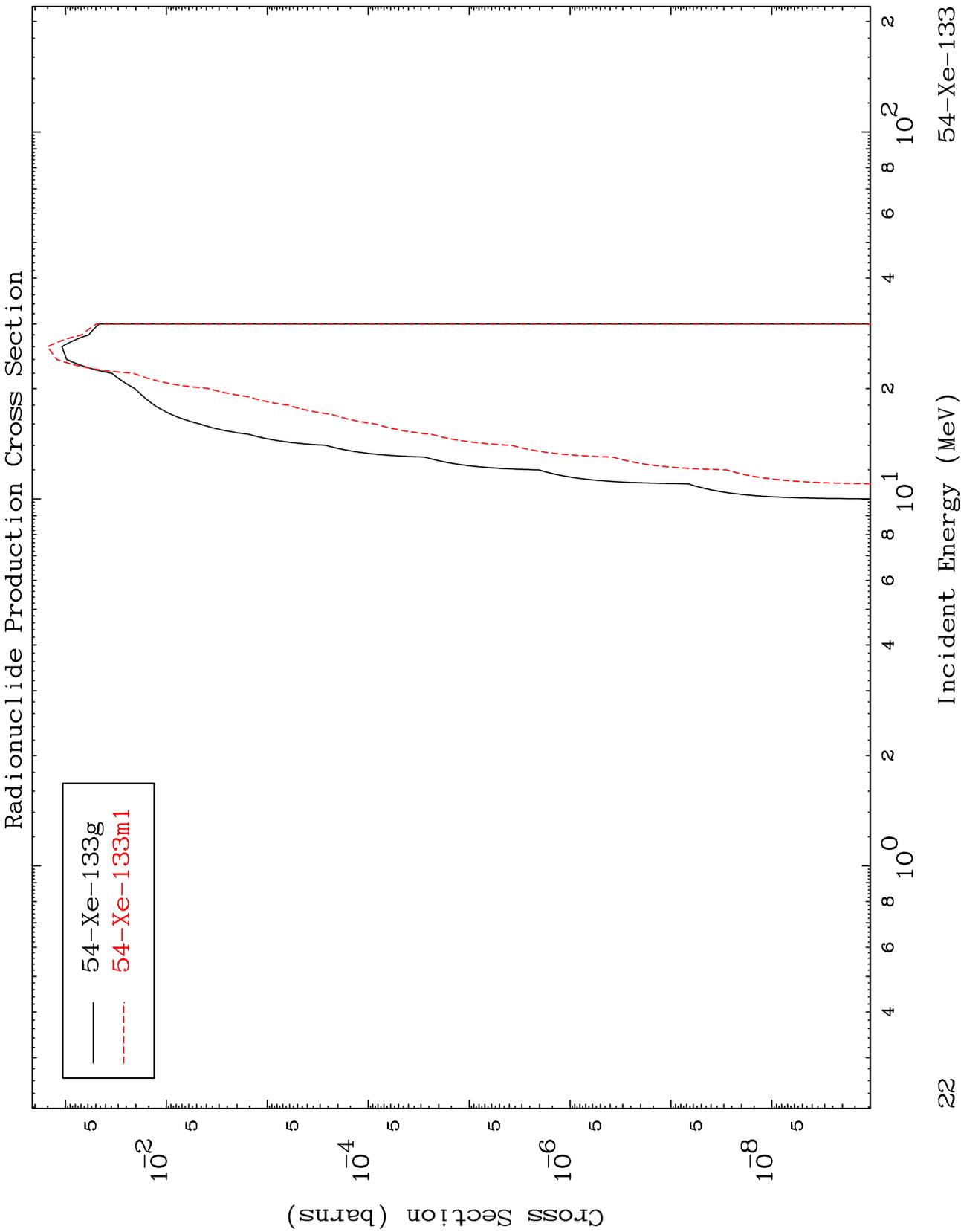
21

Incident Energy (MeV)

54-Xe-133

MAT 5452

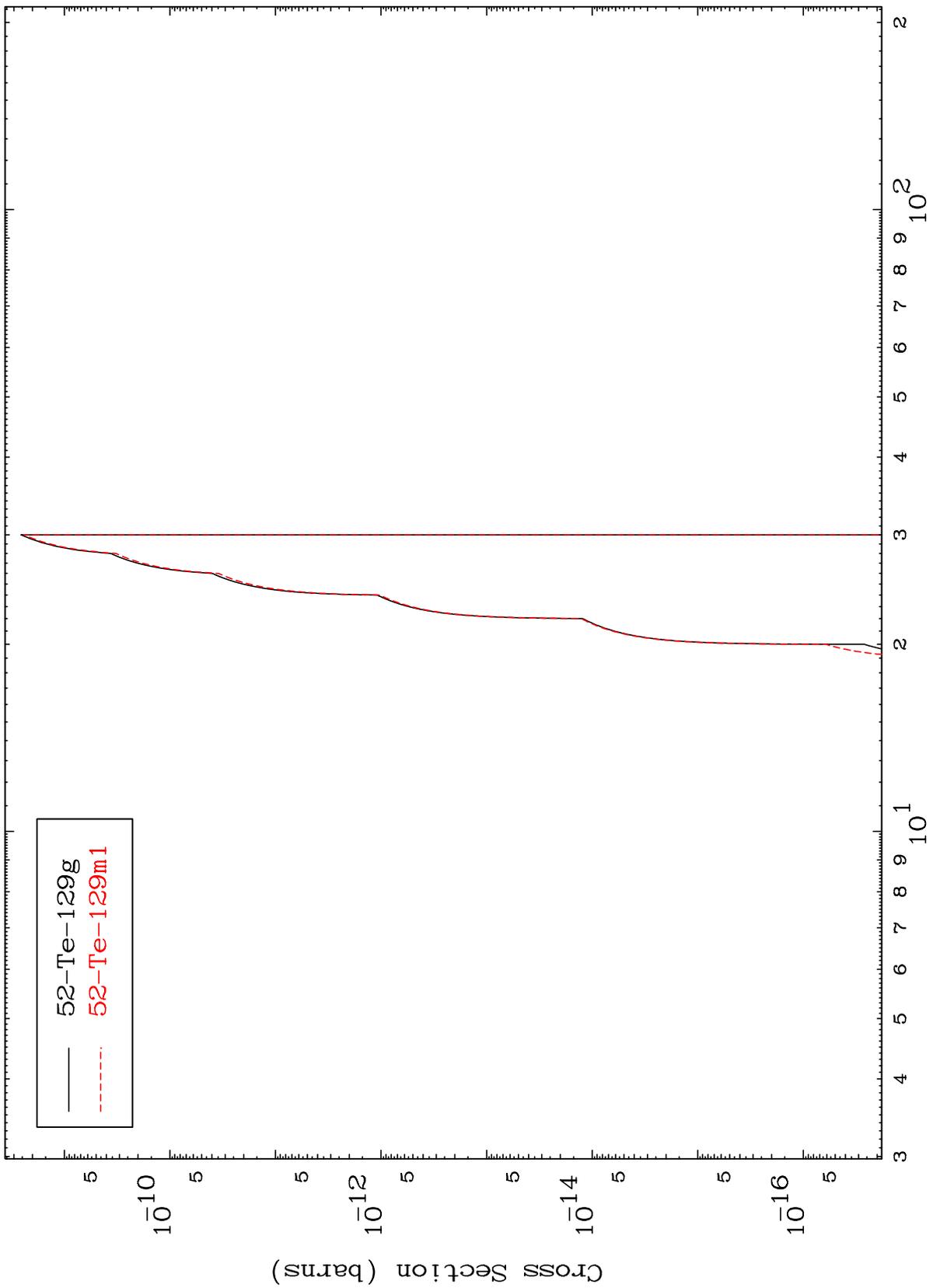
54-Xe-133



MAT 5452

54-Xe-133

(n,2α)
Radionuclide Production Cross Section



23

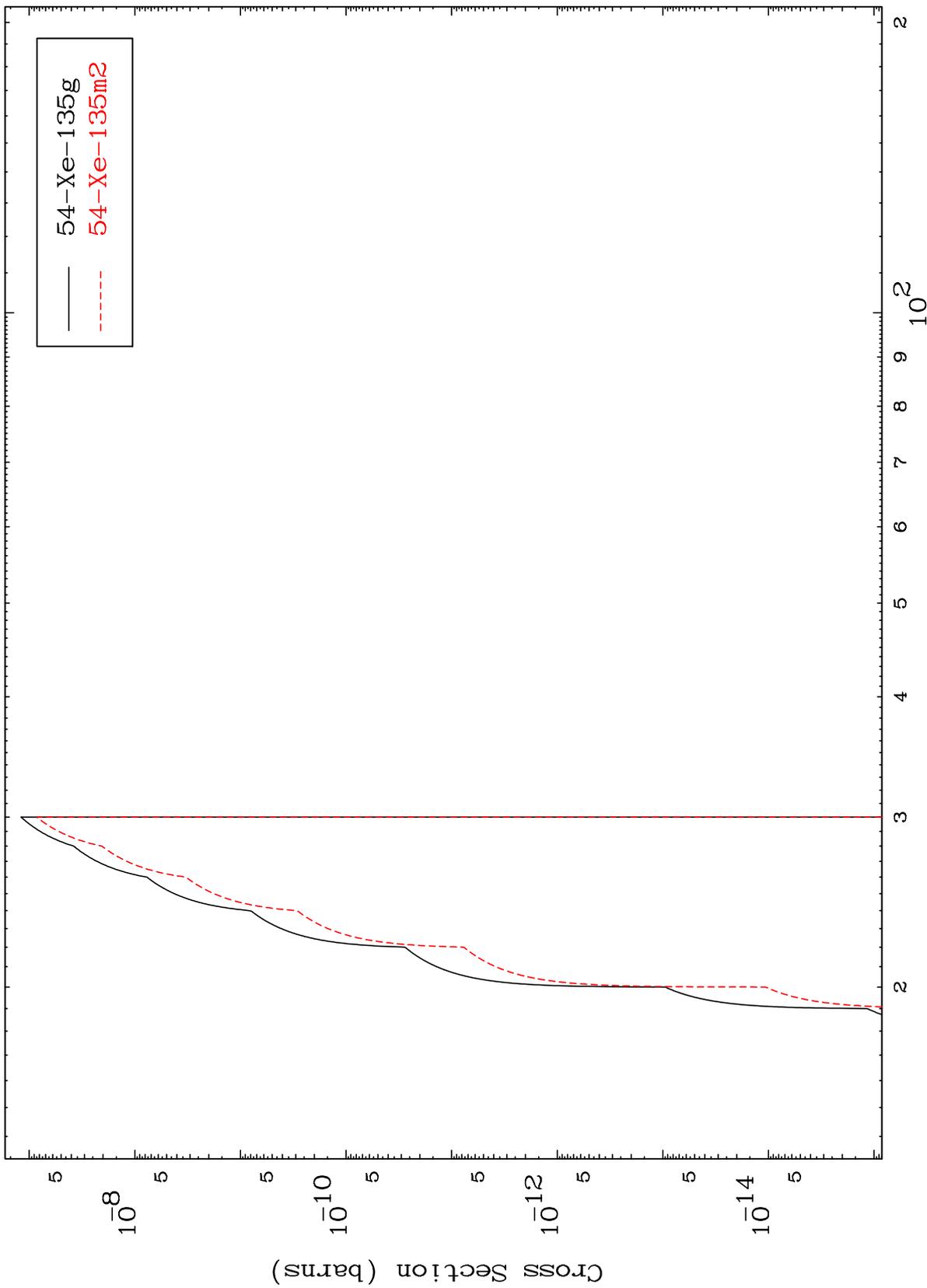
54-Xe-133

Incident Energy (MeV)

MAT 5452

54-Xe-133

(n,2p)
Radionuclide Production Cross Section



24

54-Xe-133

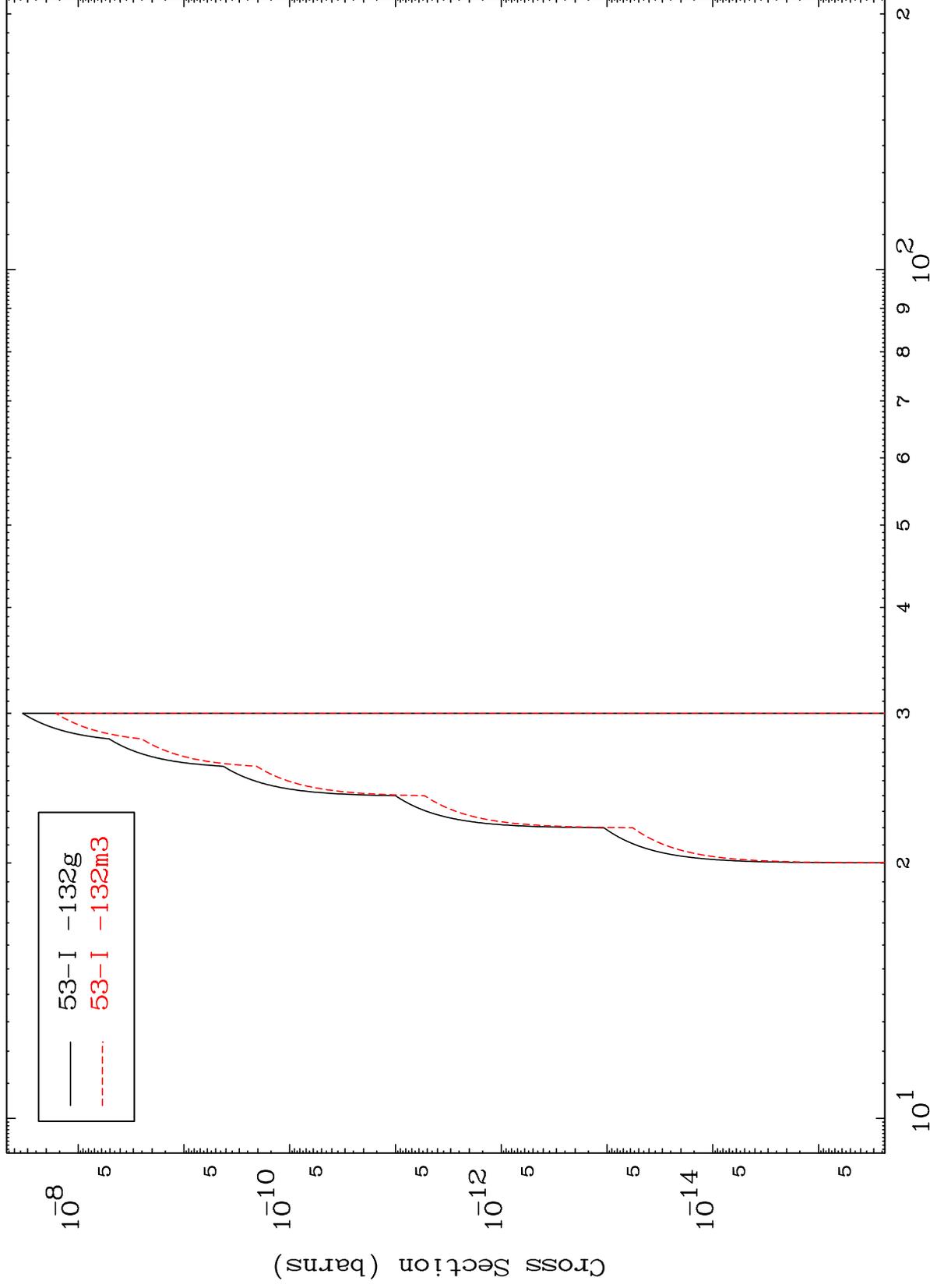
Incident Energy (MeV)

MAT 5452

(n,p) α

54-Xe-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

54-Xe-133