

Program EVALPLOT
(Version 2021-1)

by

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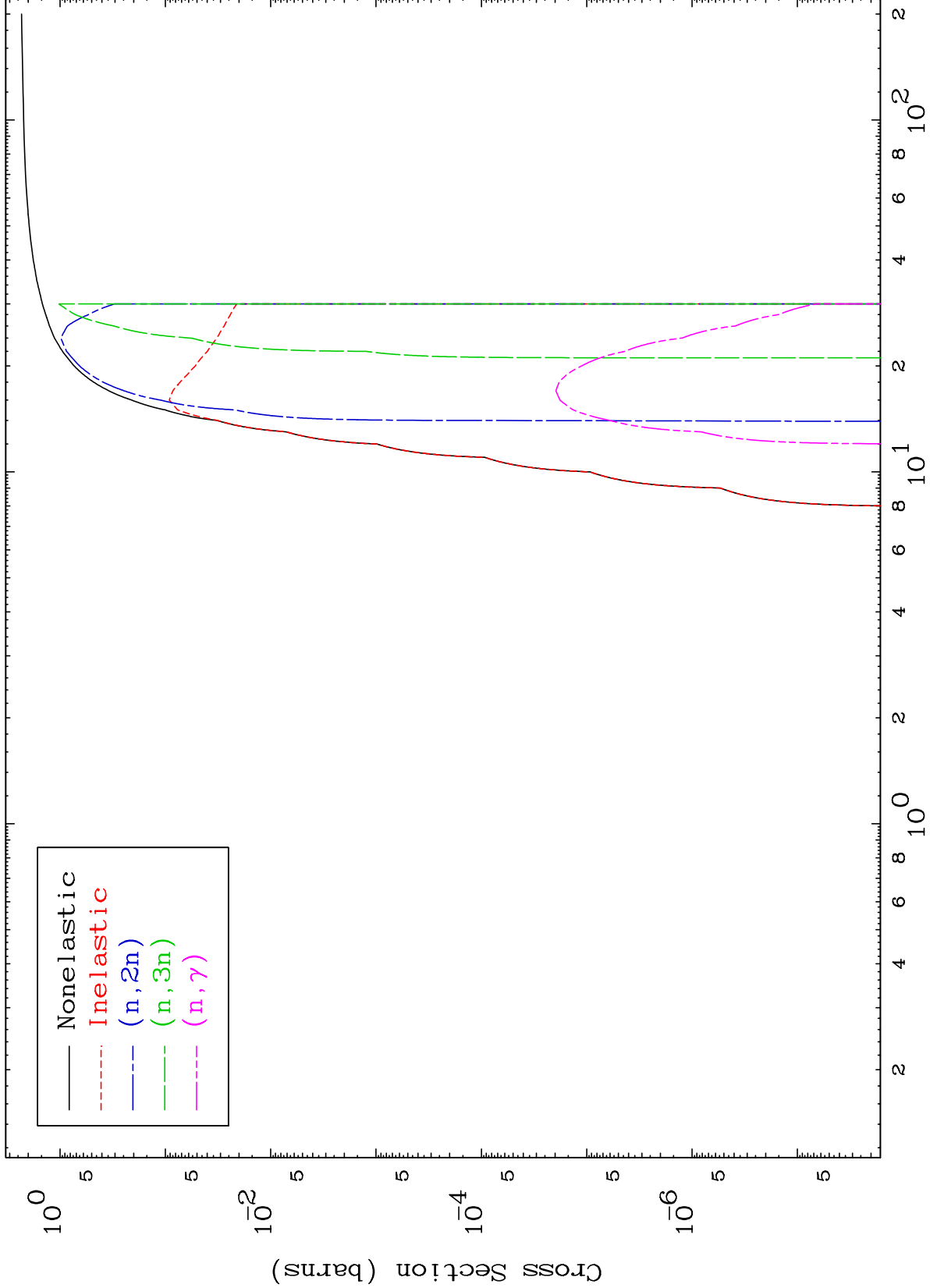
Press Mouse Button to Start

MAT 5452

α Major

54-Xe-133

0 Kelvin Cross Sections



1

Incident Energy (MeV)

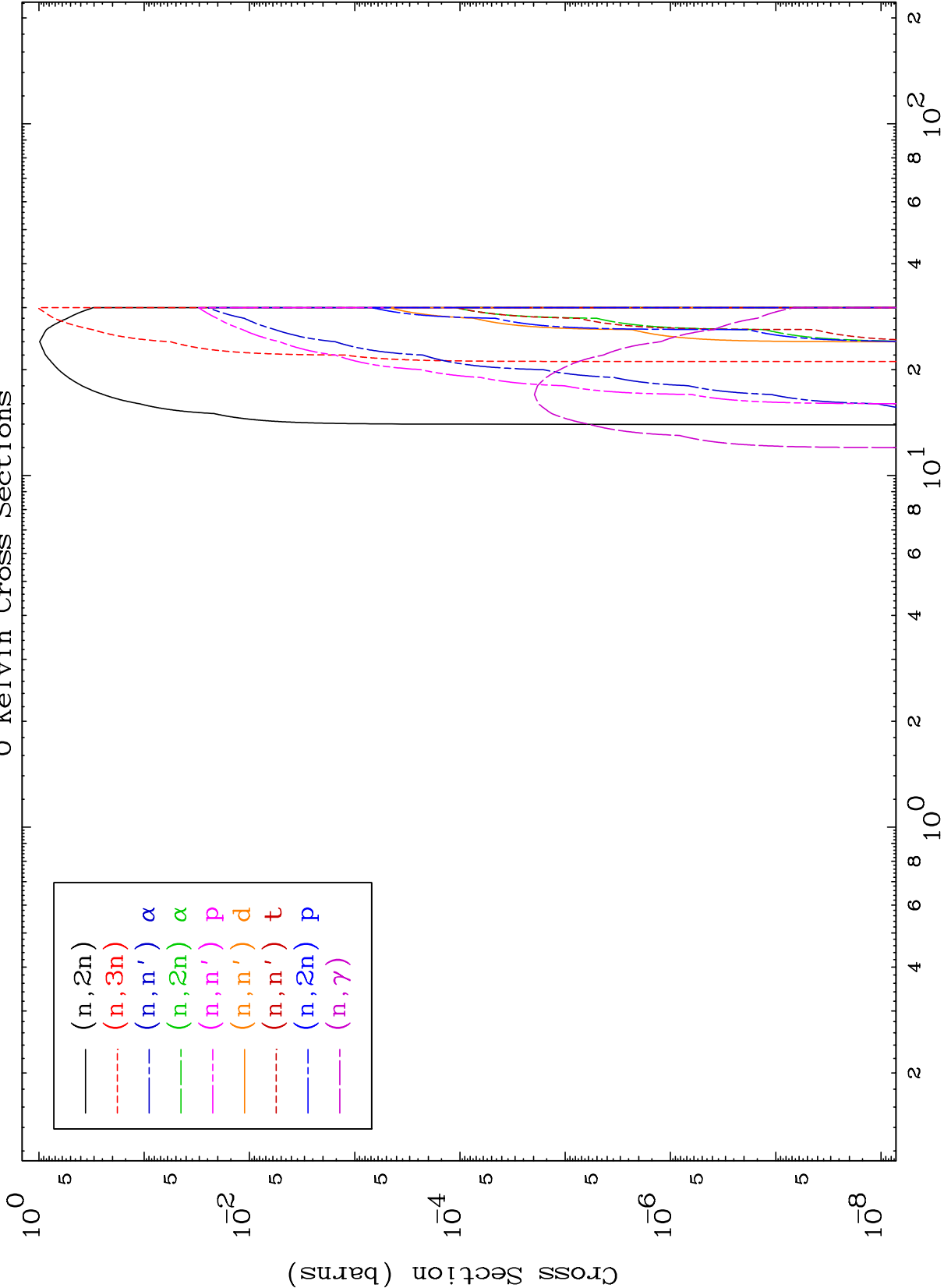
54-Xe-133

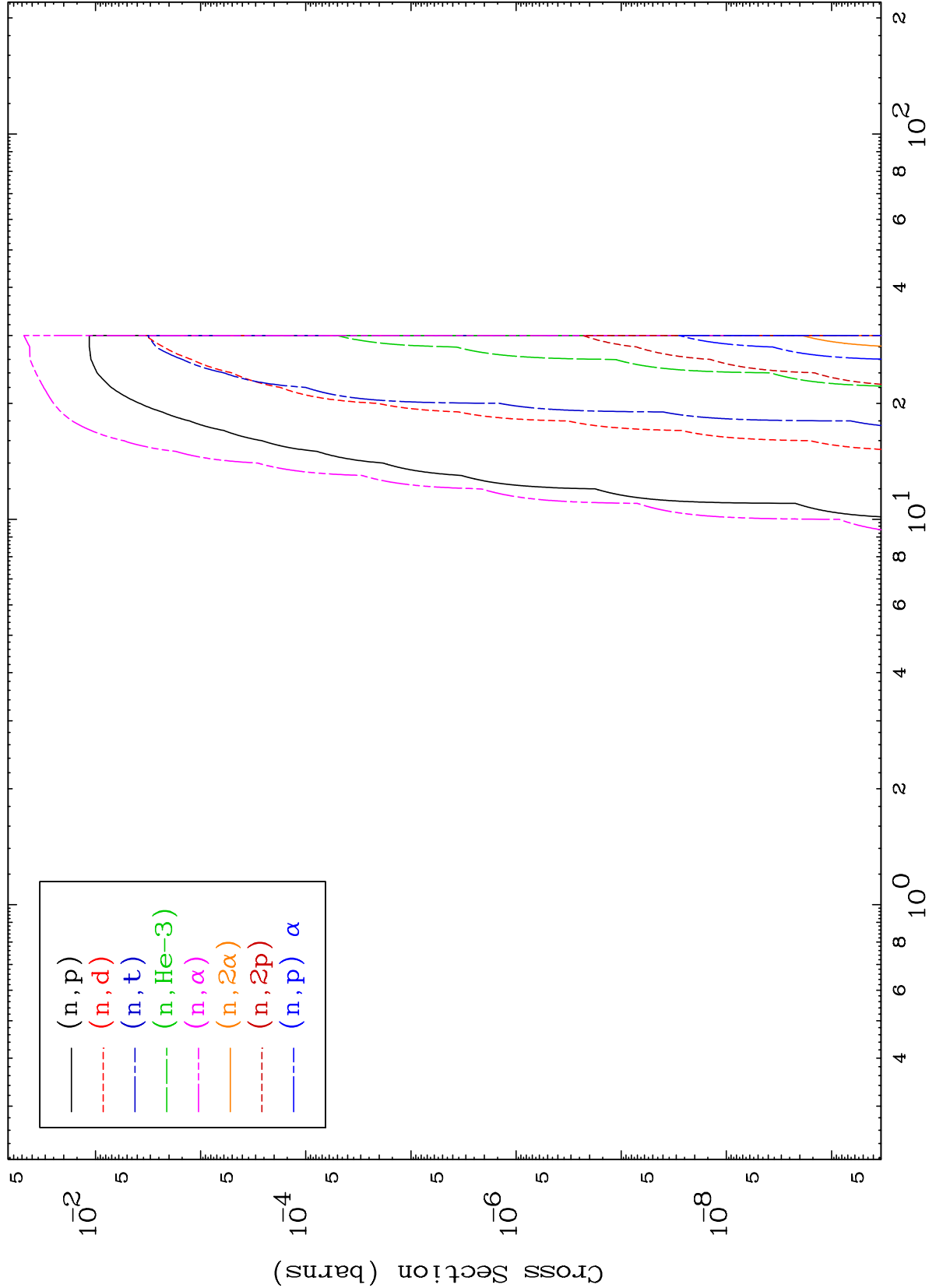
MAT 5452

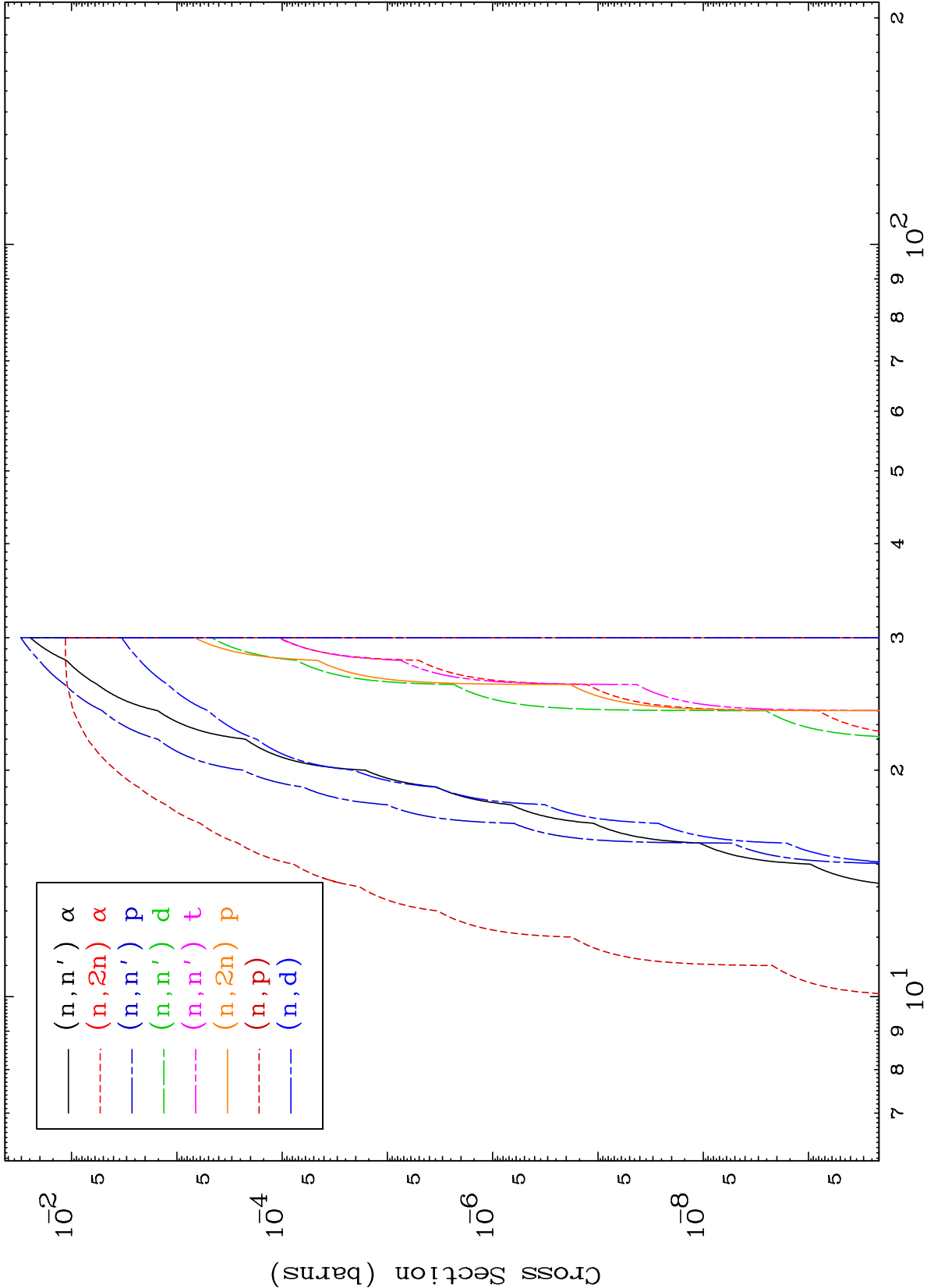
α Neutron Absorption

54-Xe-133

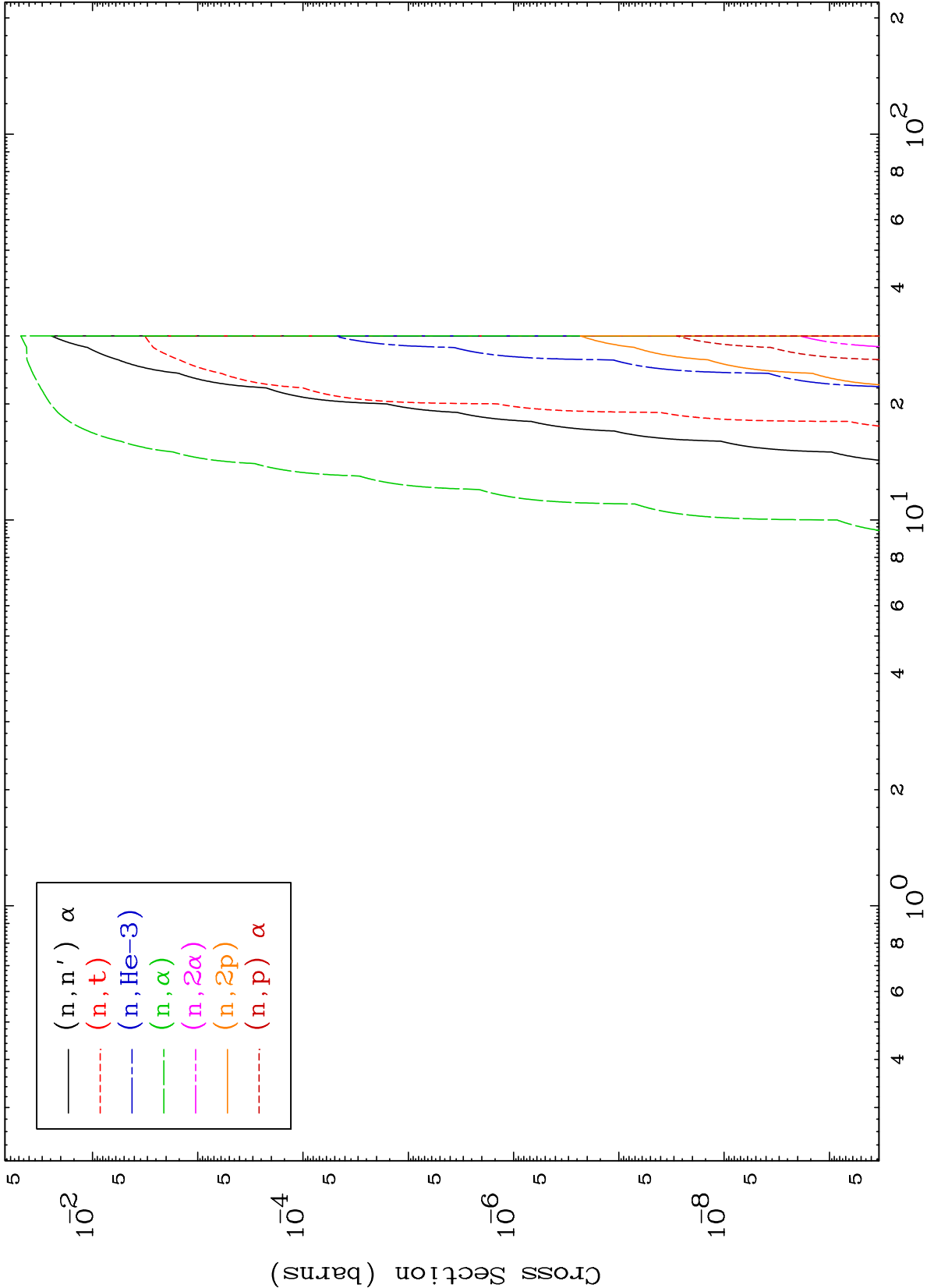
0 Kelvin Cross Sections







0 Kelvin Cross Sections



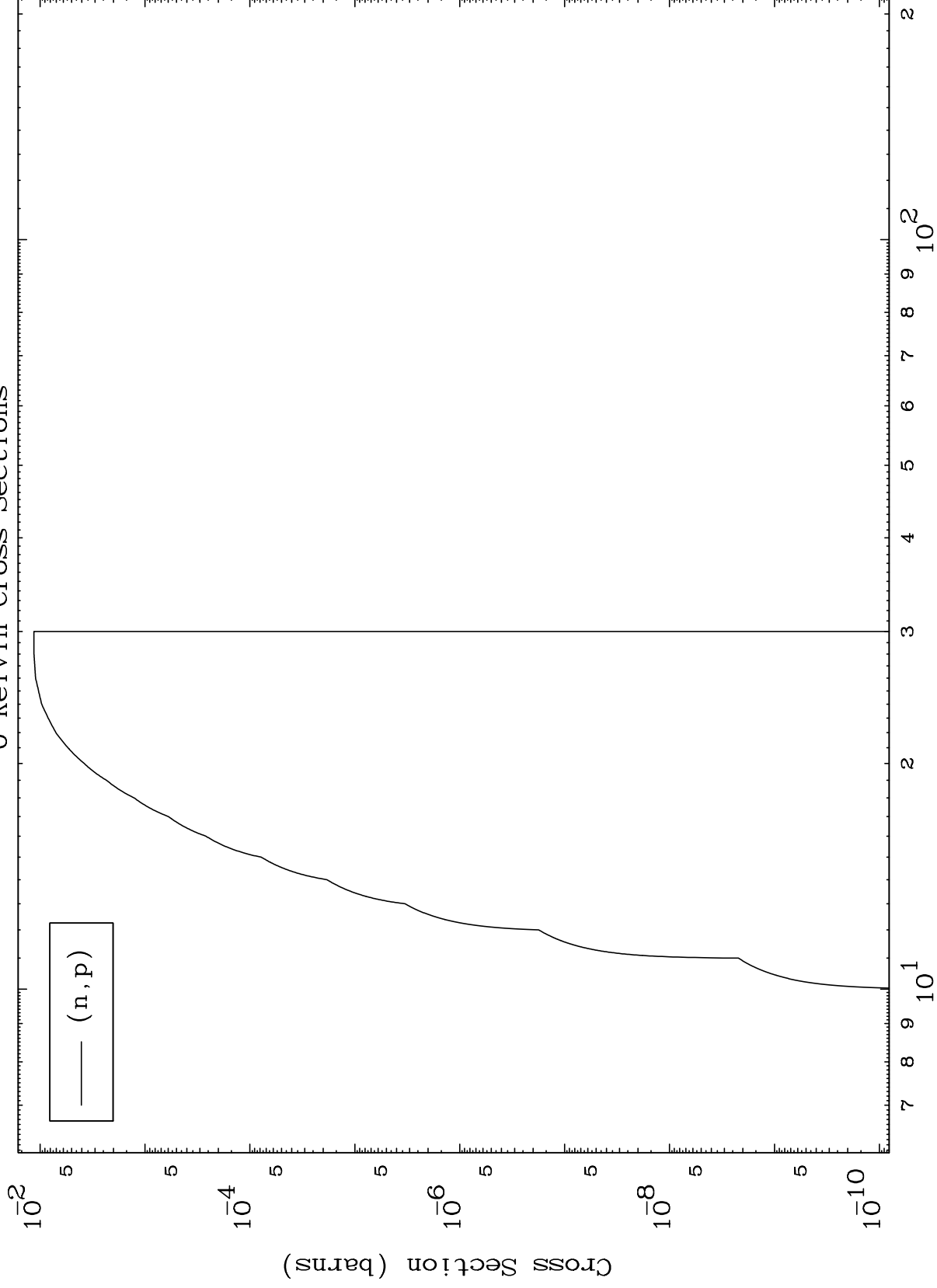
Incident Energy (MeV)

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(α, p) Levels

54-Xe-133

0 Kelvin Cross Sections



6

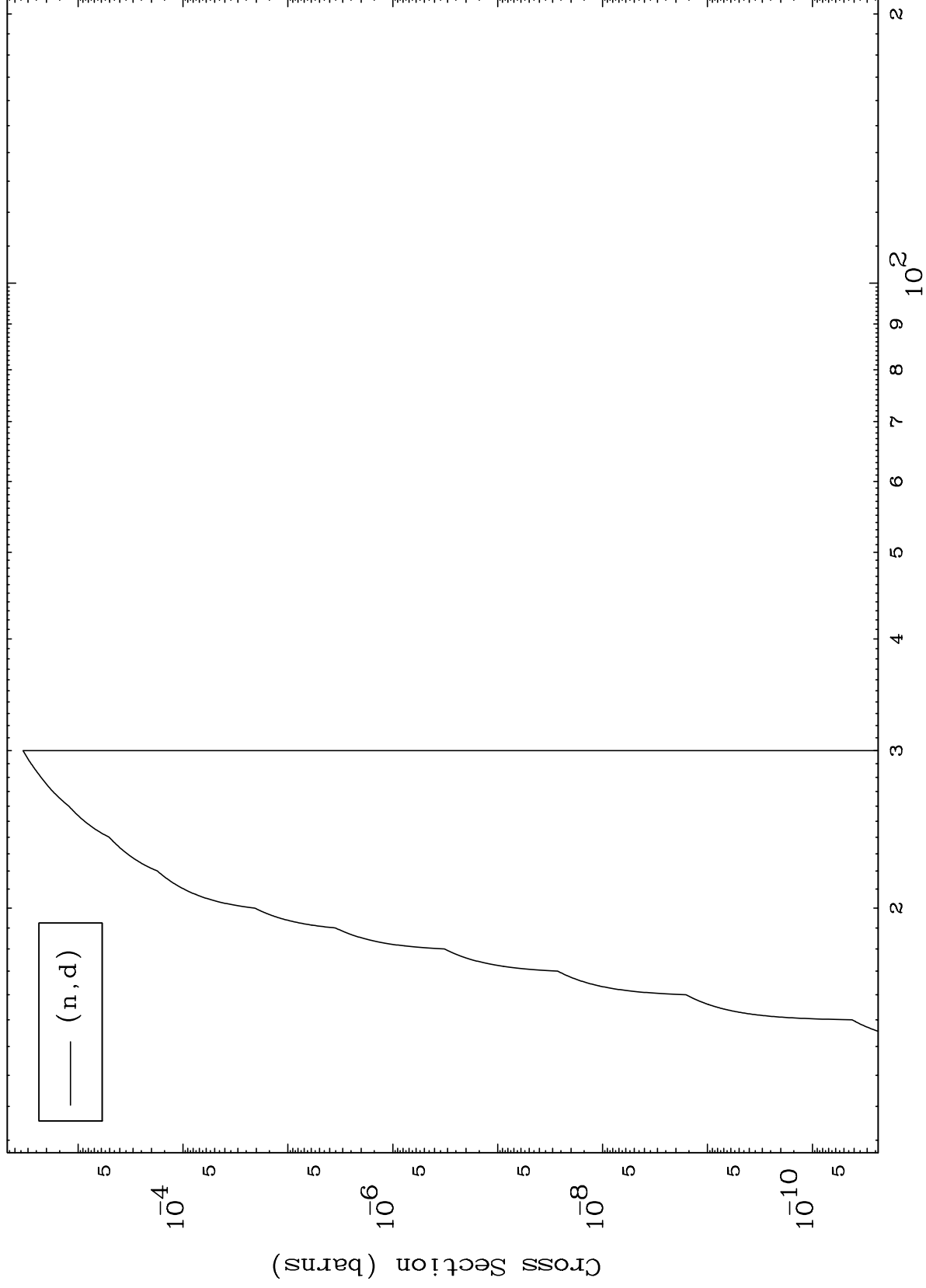
Incident Energy (MeV)

54-Xe-133

MAT 5452

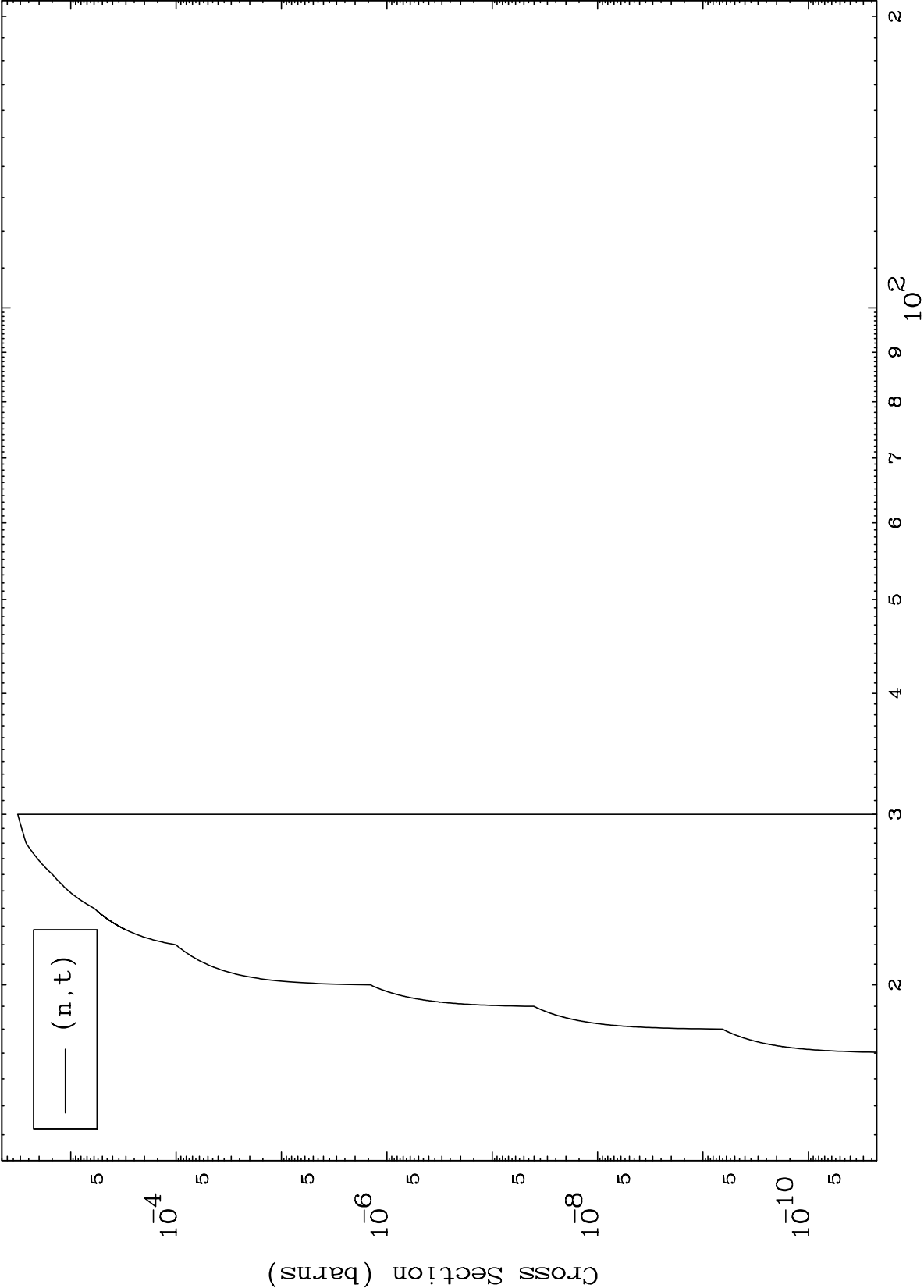
54-Xe-133

(α ,d) Levels
0 Kelvin Cross Sections

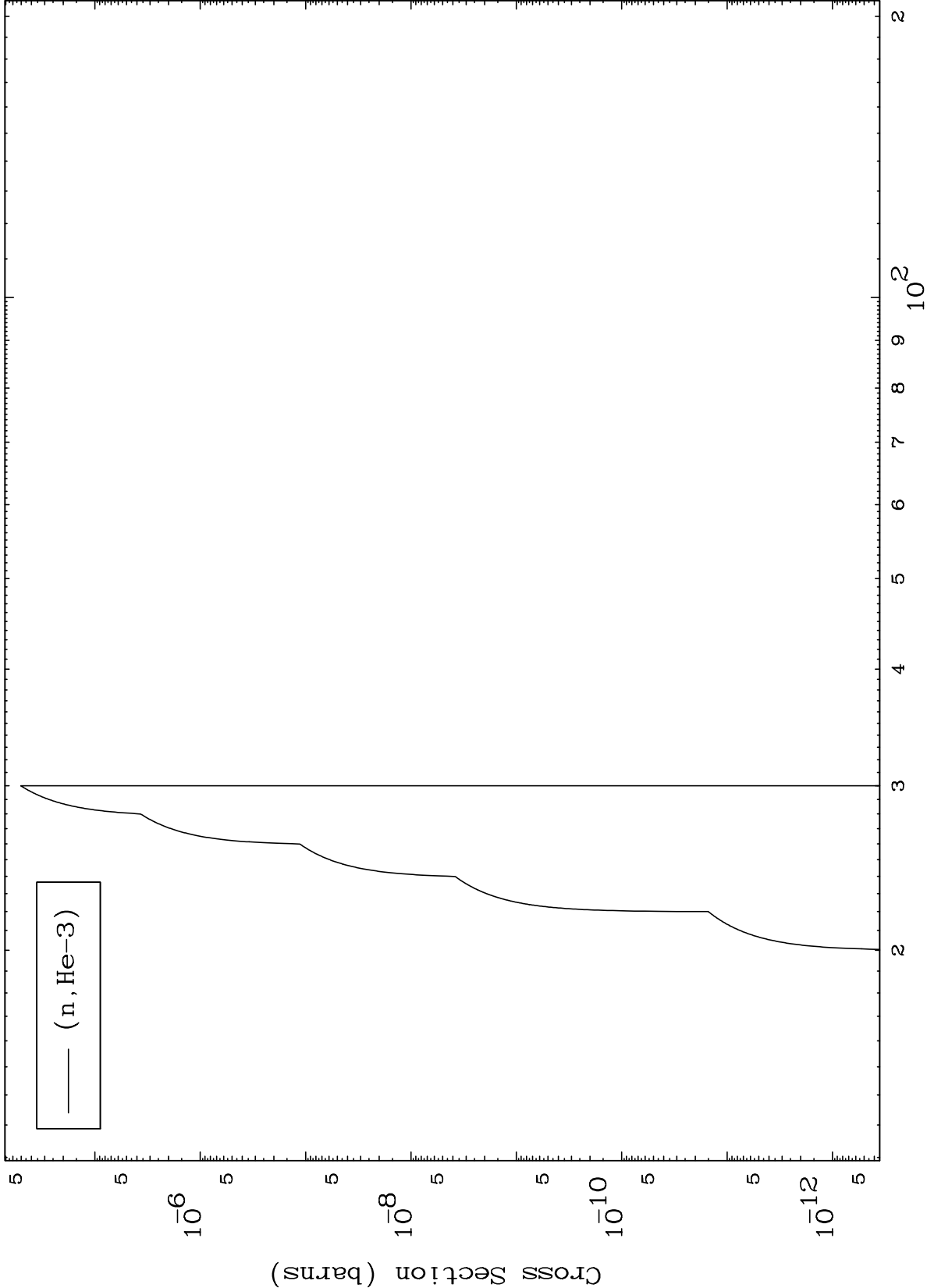


7

54-Xe-133



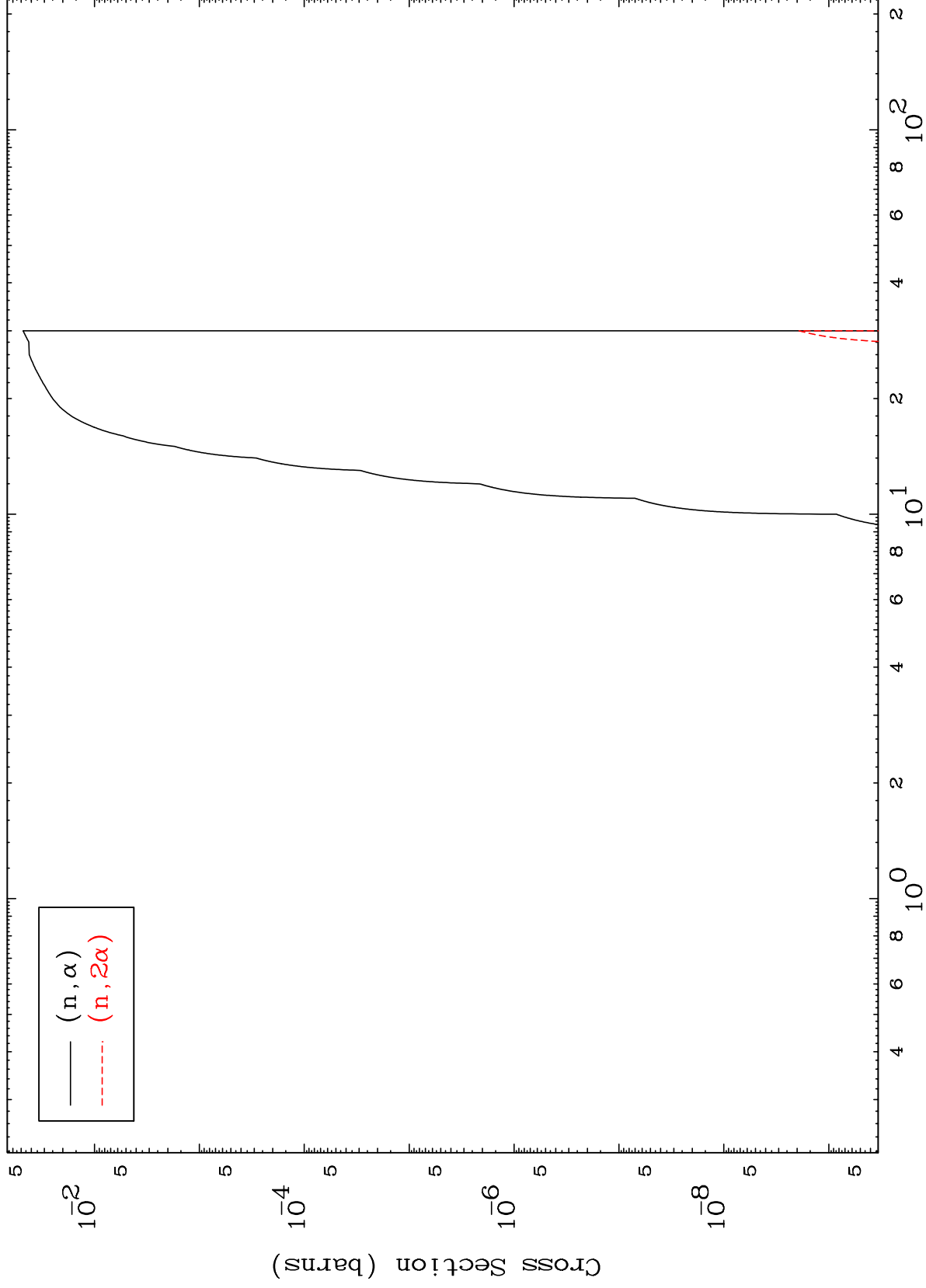
(α ,He3) Levels
0 Kelvin Cross Sections



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54-Xe-133

(α, α) Levels
0 Kelvin Cross Sections

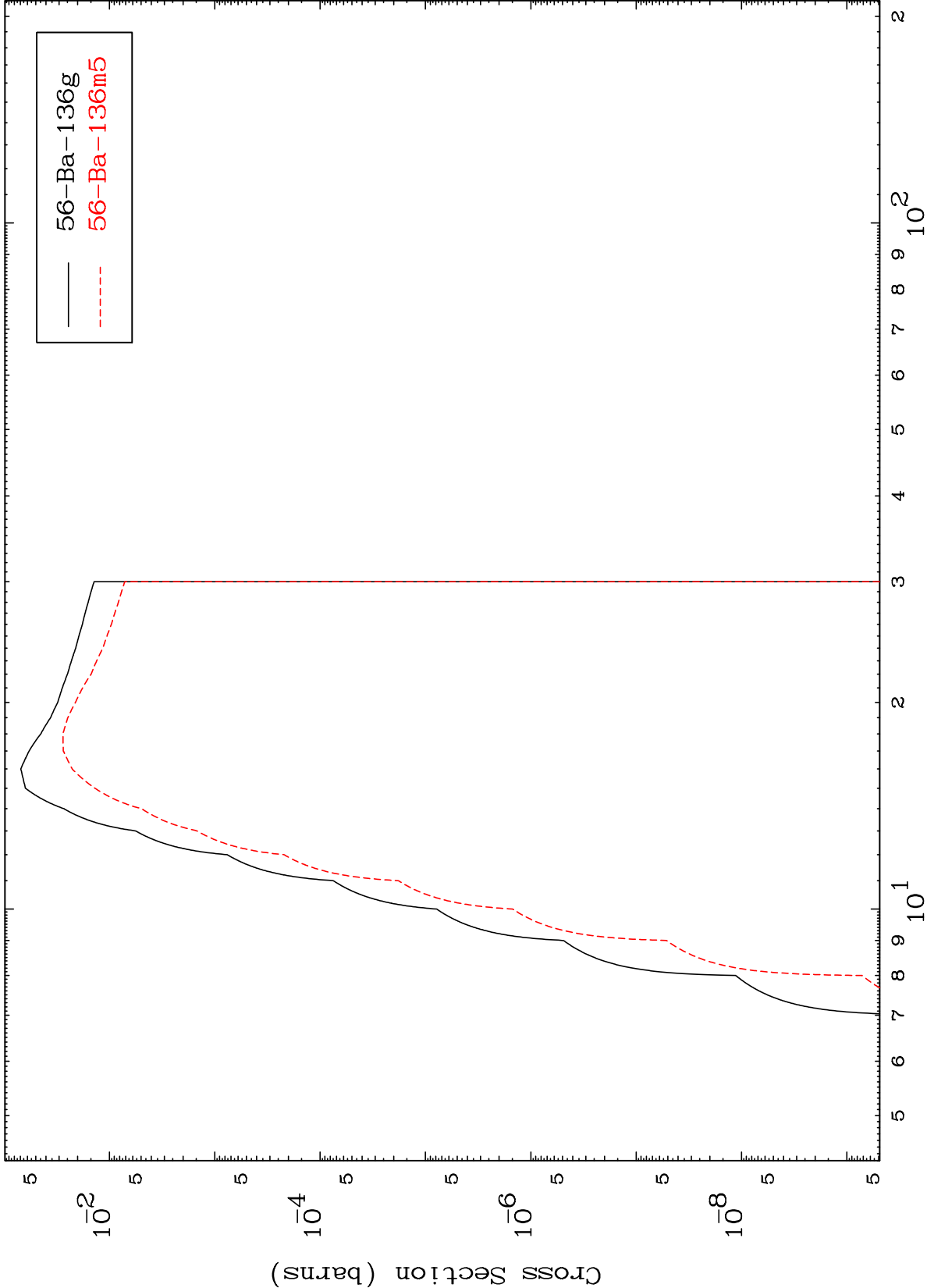


54-Xe-133

Incident Energy (MeV)

10

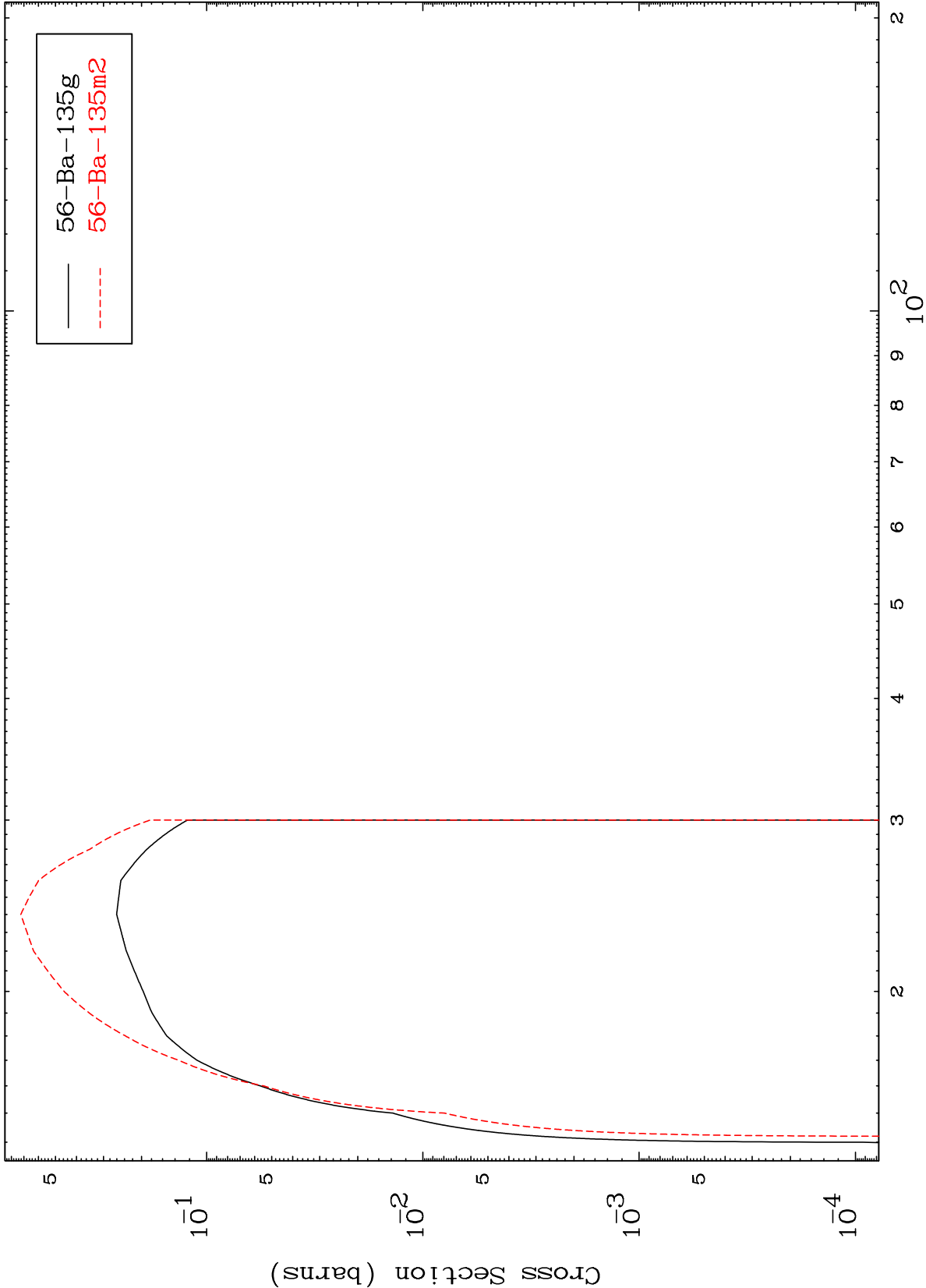
Inelastic
Radionuclide Production Cross Section



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54-Xe-133

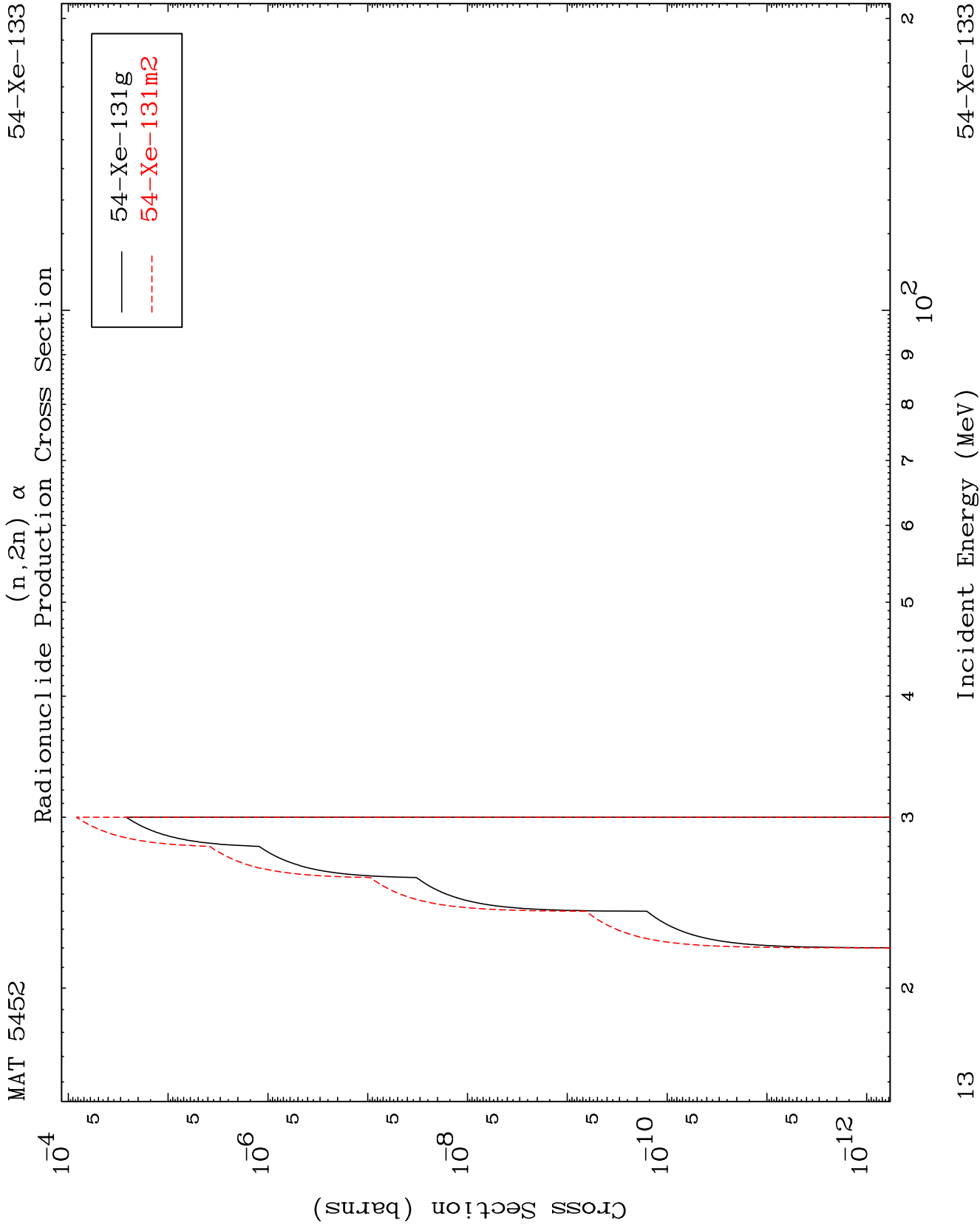
(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

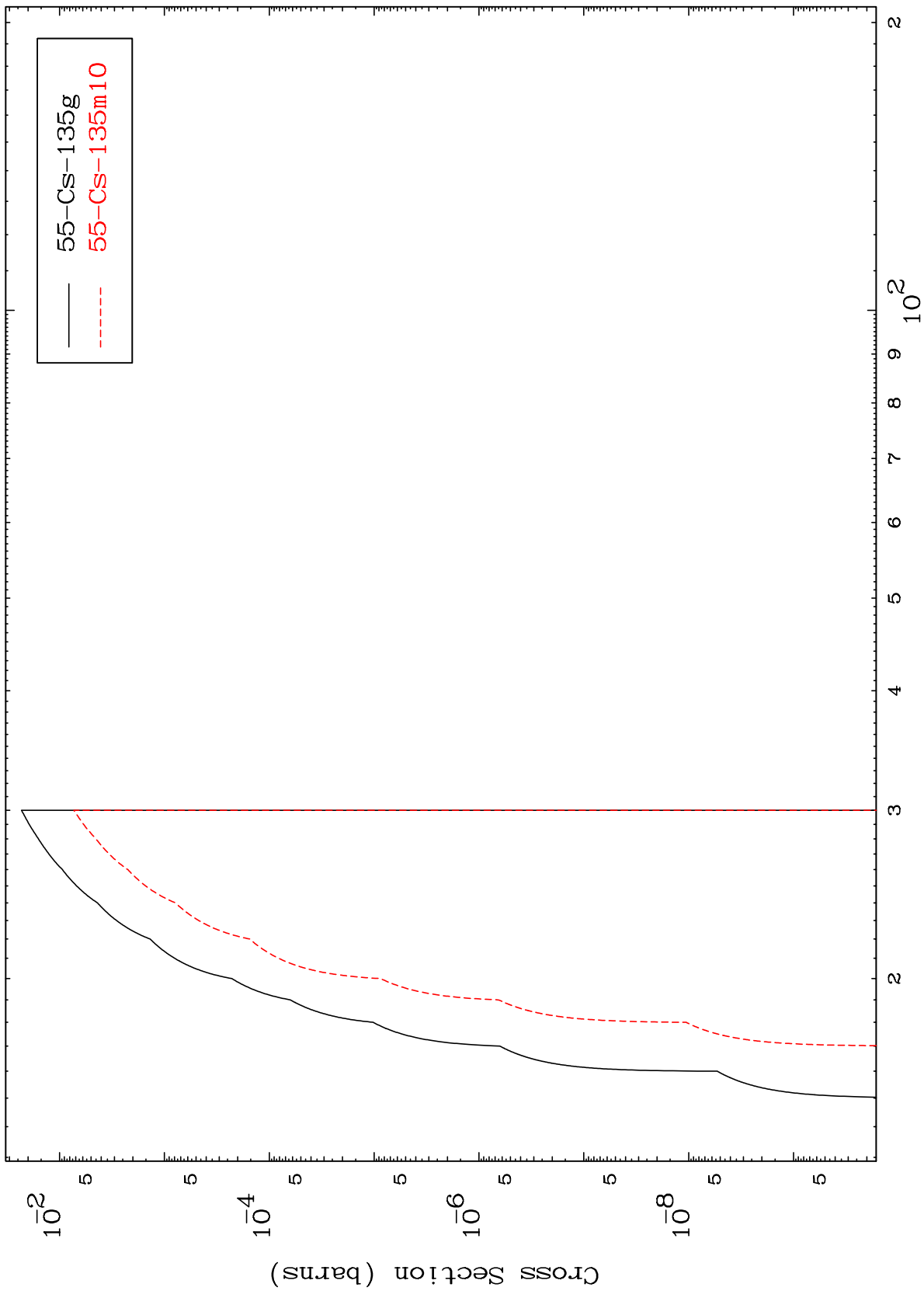
54-Xe-133



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54-Xe-133

(n,n') p
Radionuclide Production Cross Section



14

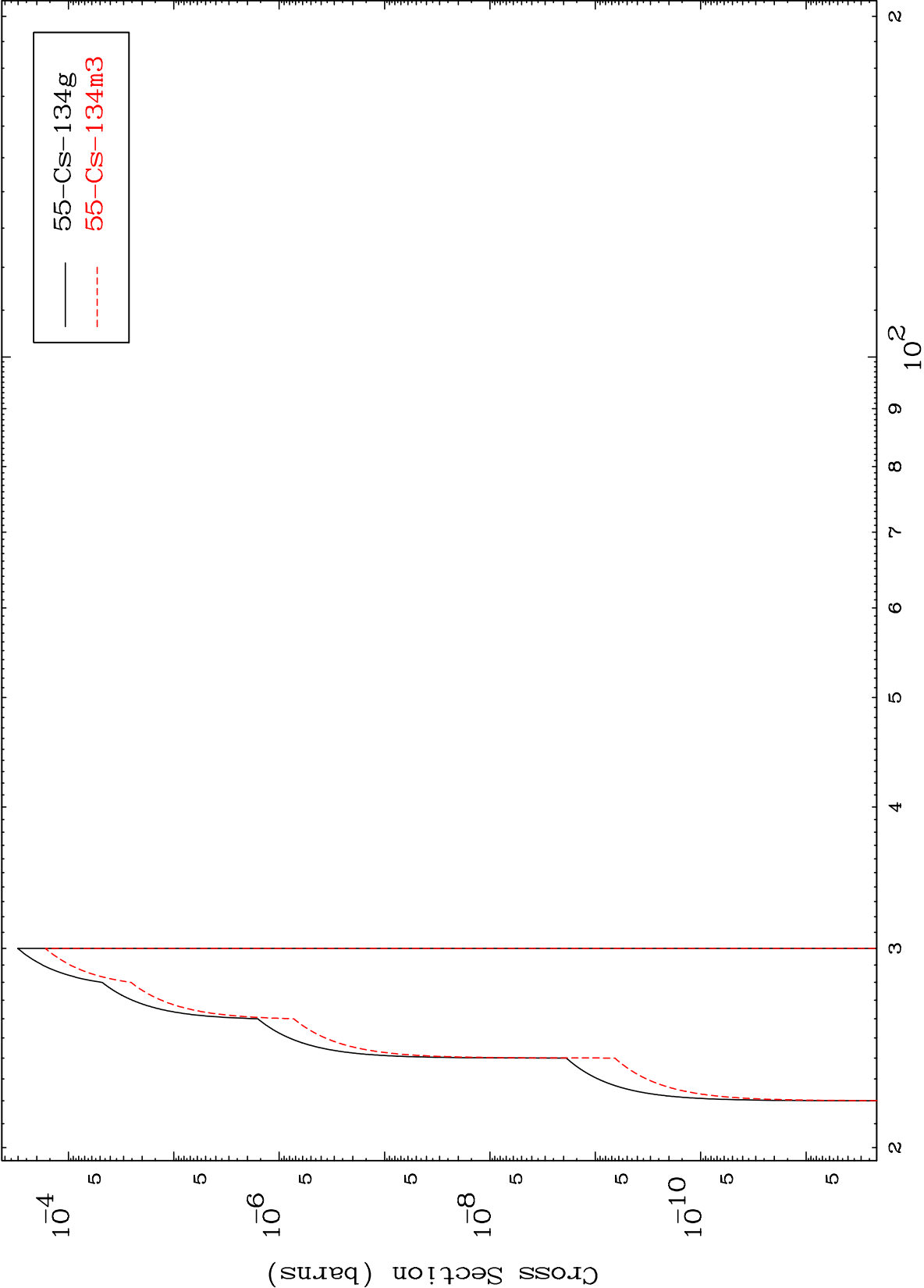
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

(n,n') d
Radionuclide Production Cross Section

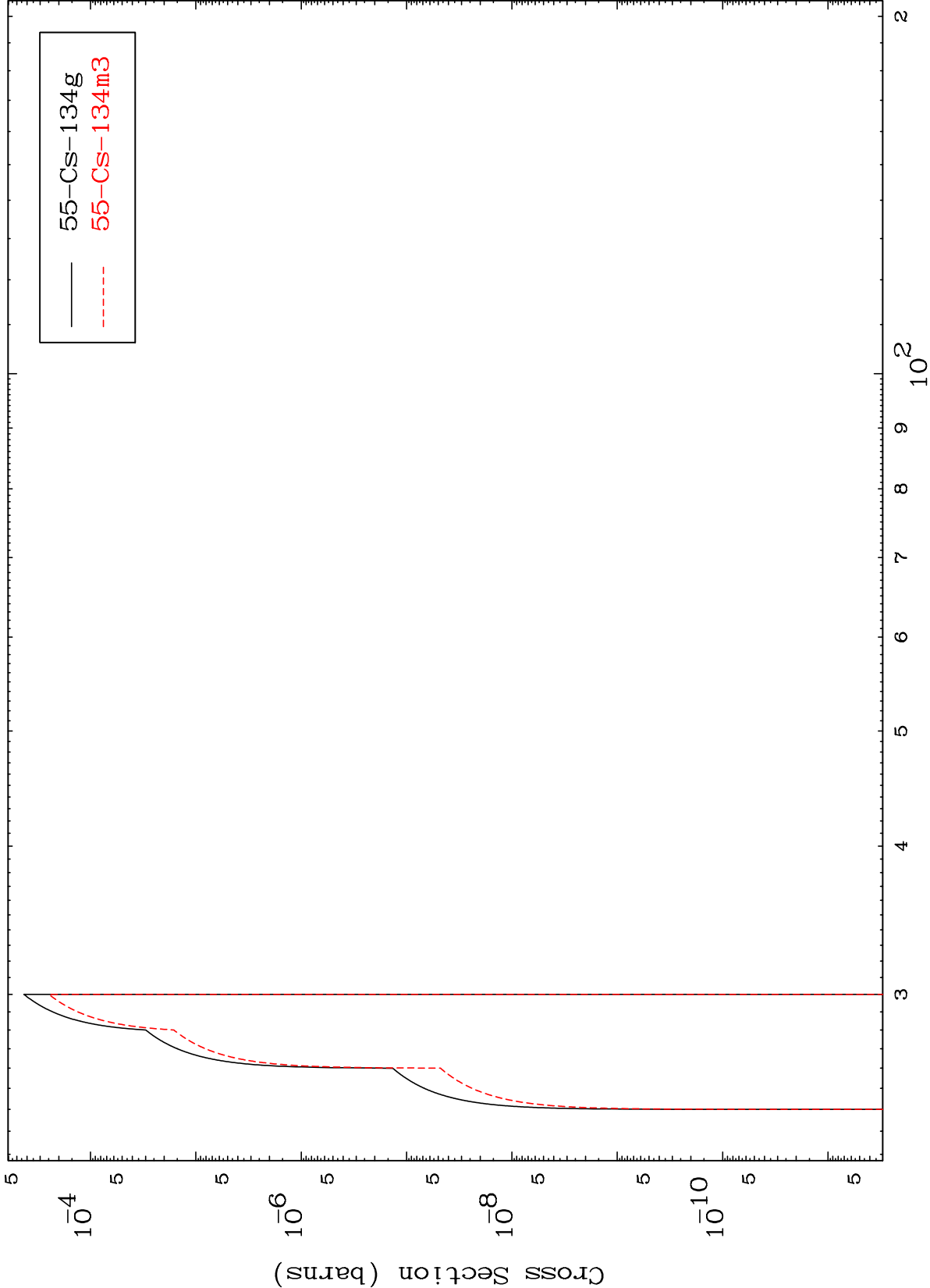


54-Xe-133

Incident Energy (MeV)

15

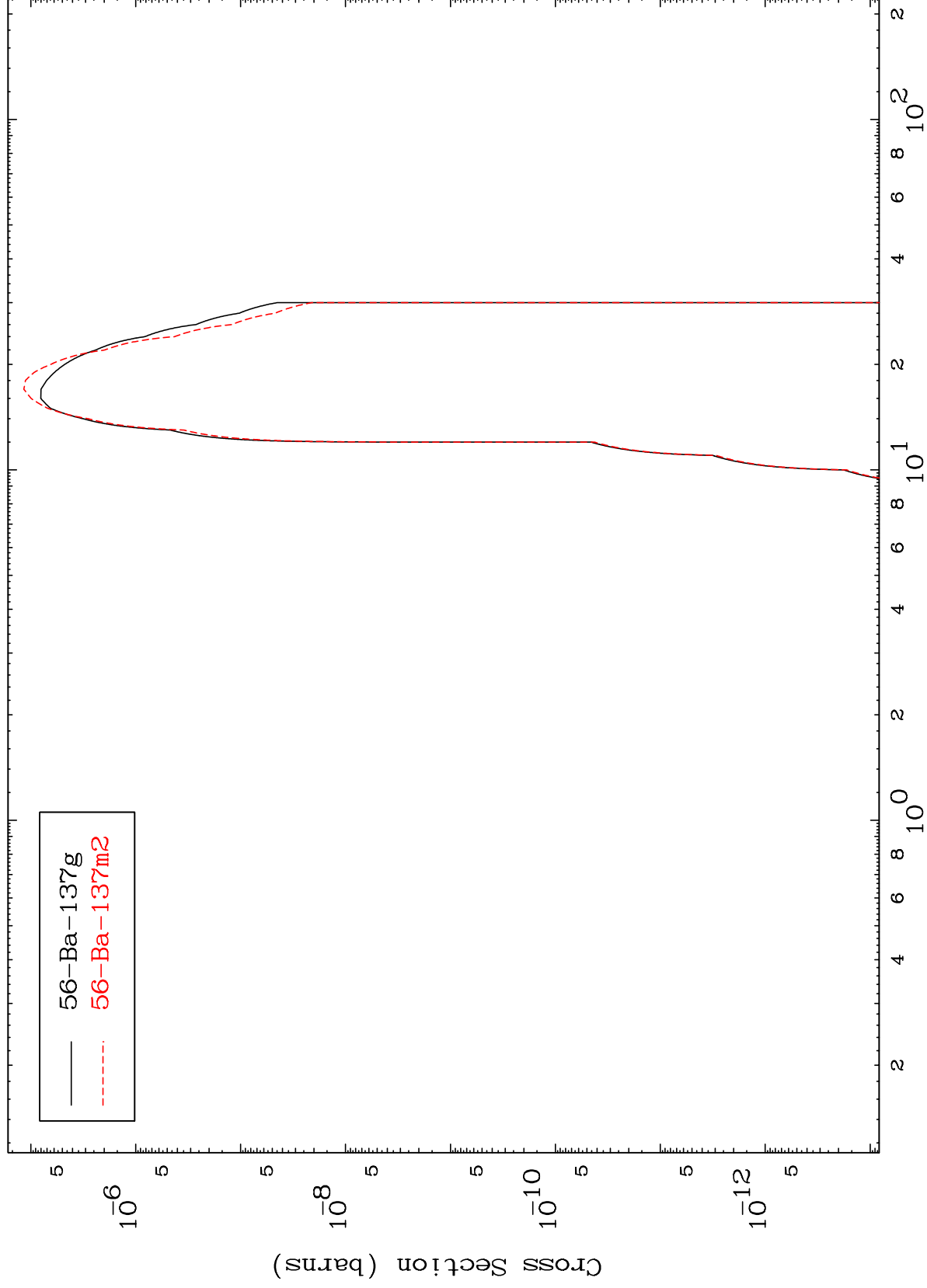
(n,2n) p
Radionuclide Production Cross Section



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54-Xe-133

Radionuclide Production Cross Section
(n, γ)



17

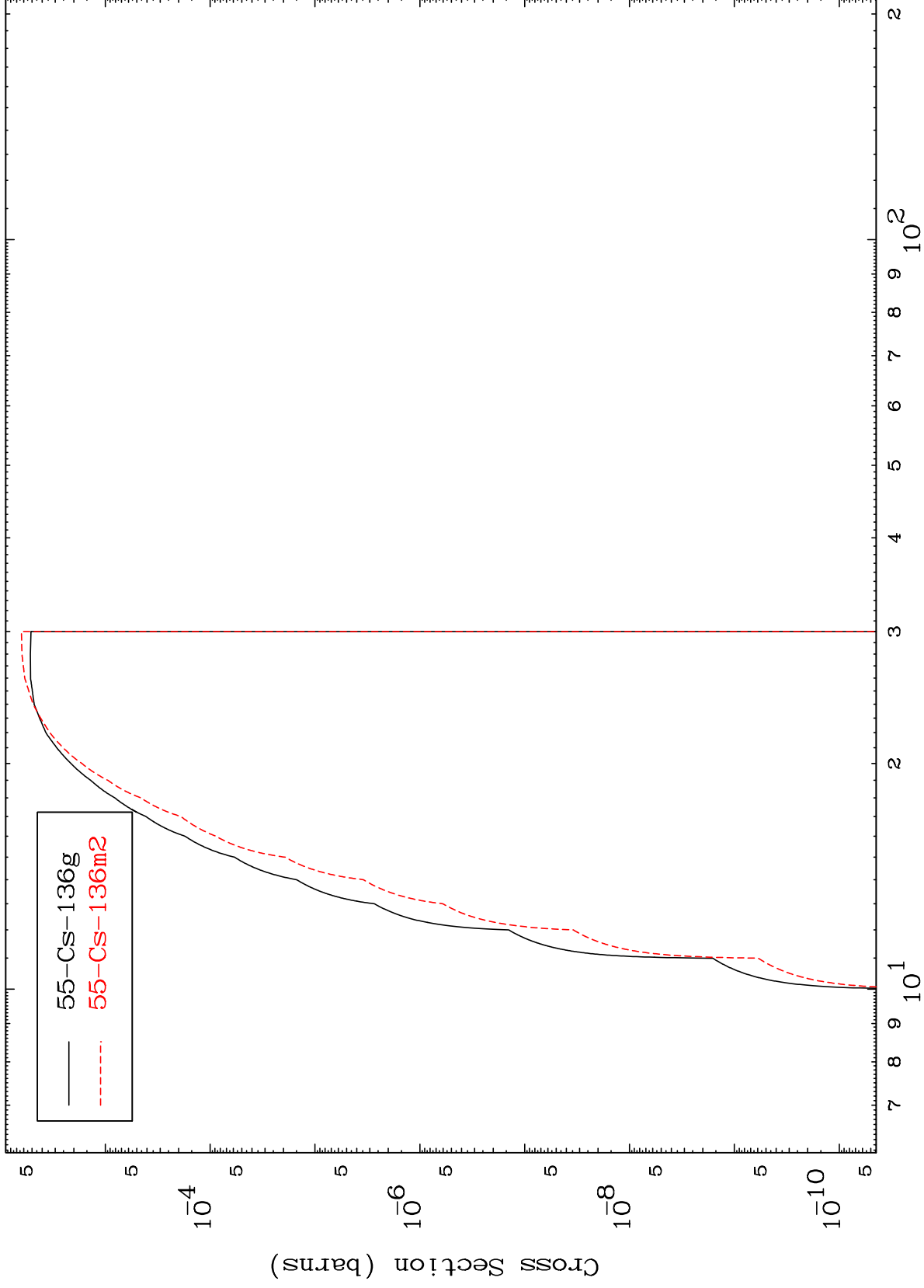
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

Radionuclide Production Cross Section
(n,p)



18

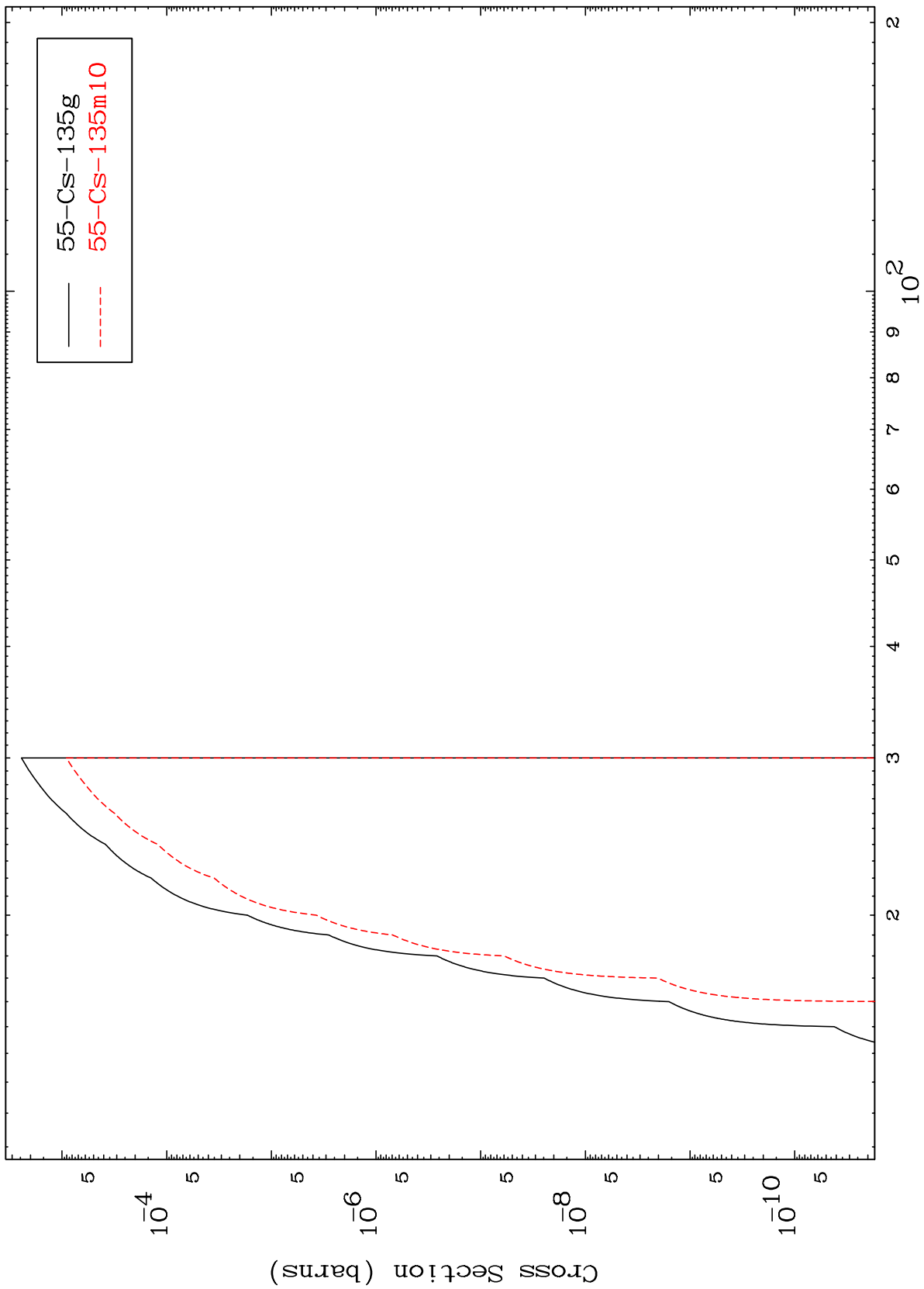
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

(n,d)
Radionuclide Production Cross Section

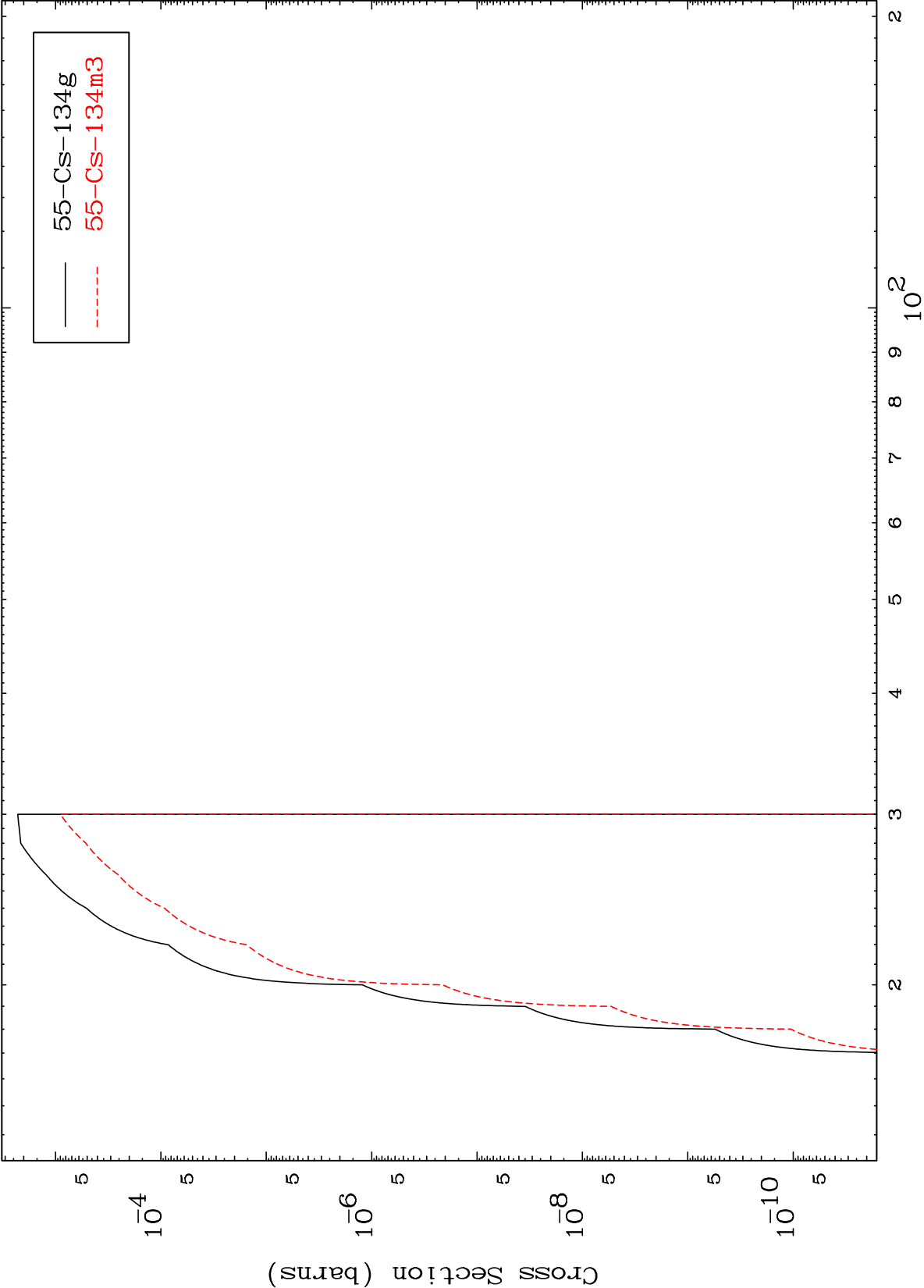


19

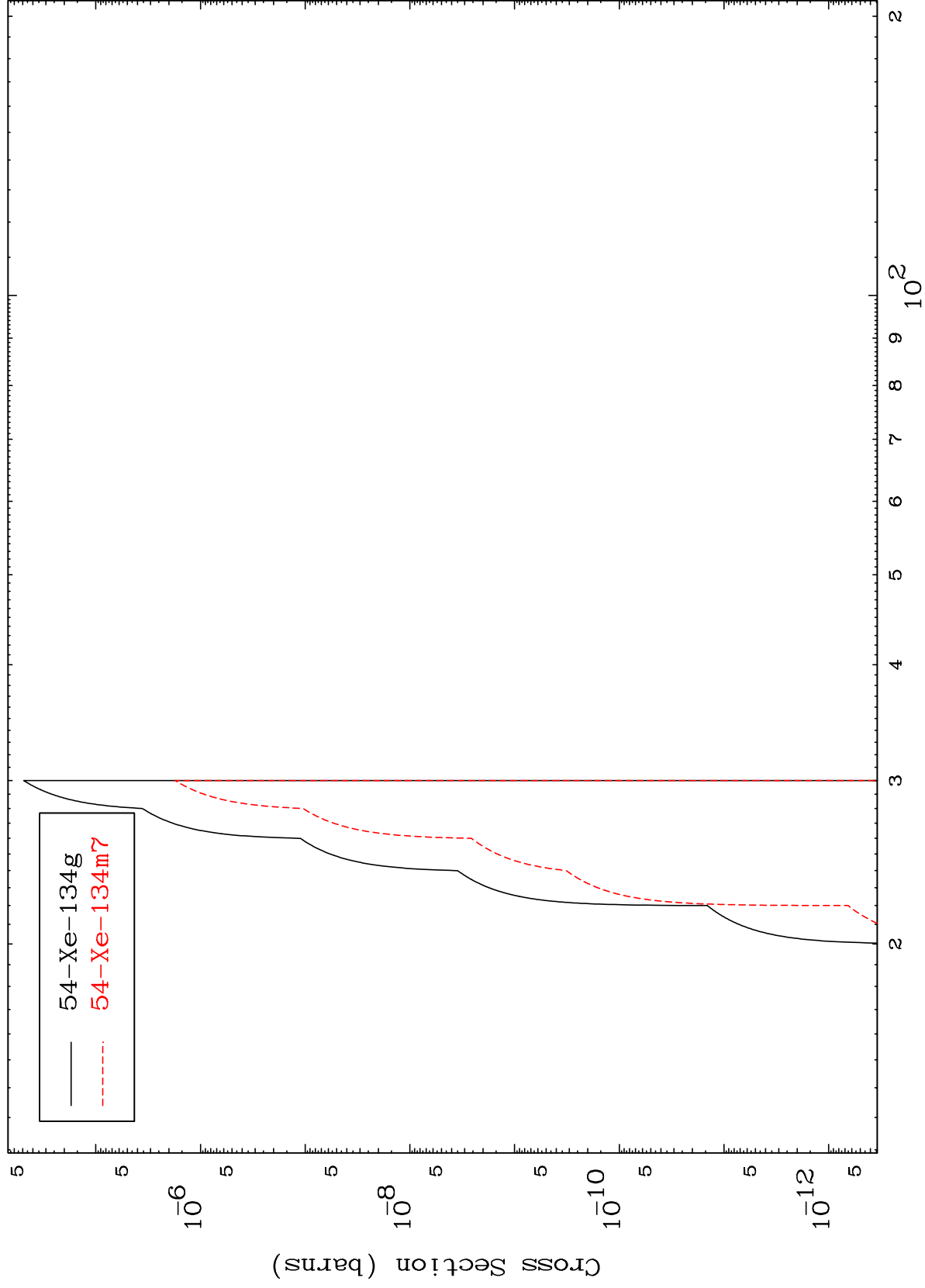
Incident Energy (MeV)

54-Xe-133

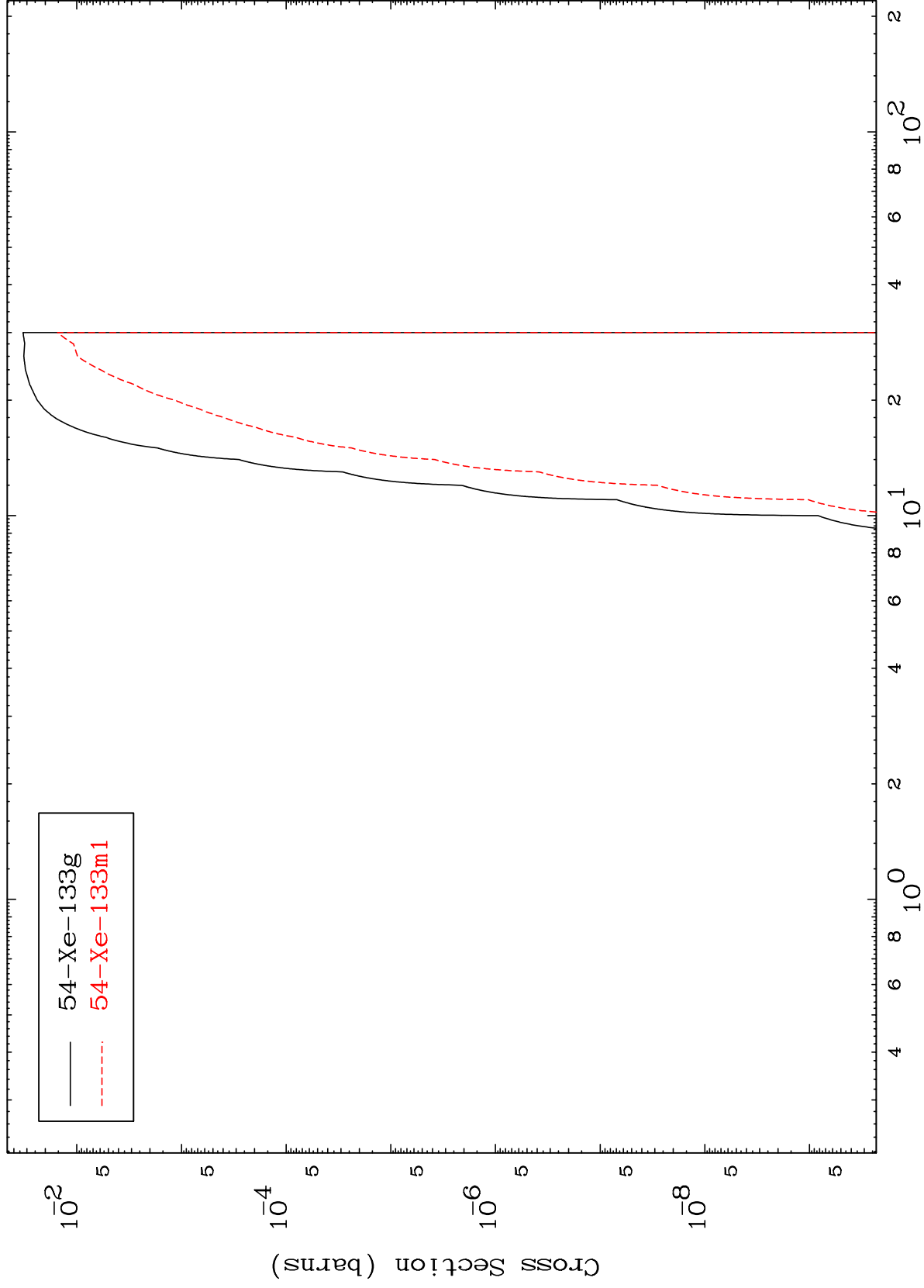
(n,t)
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,He-3)



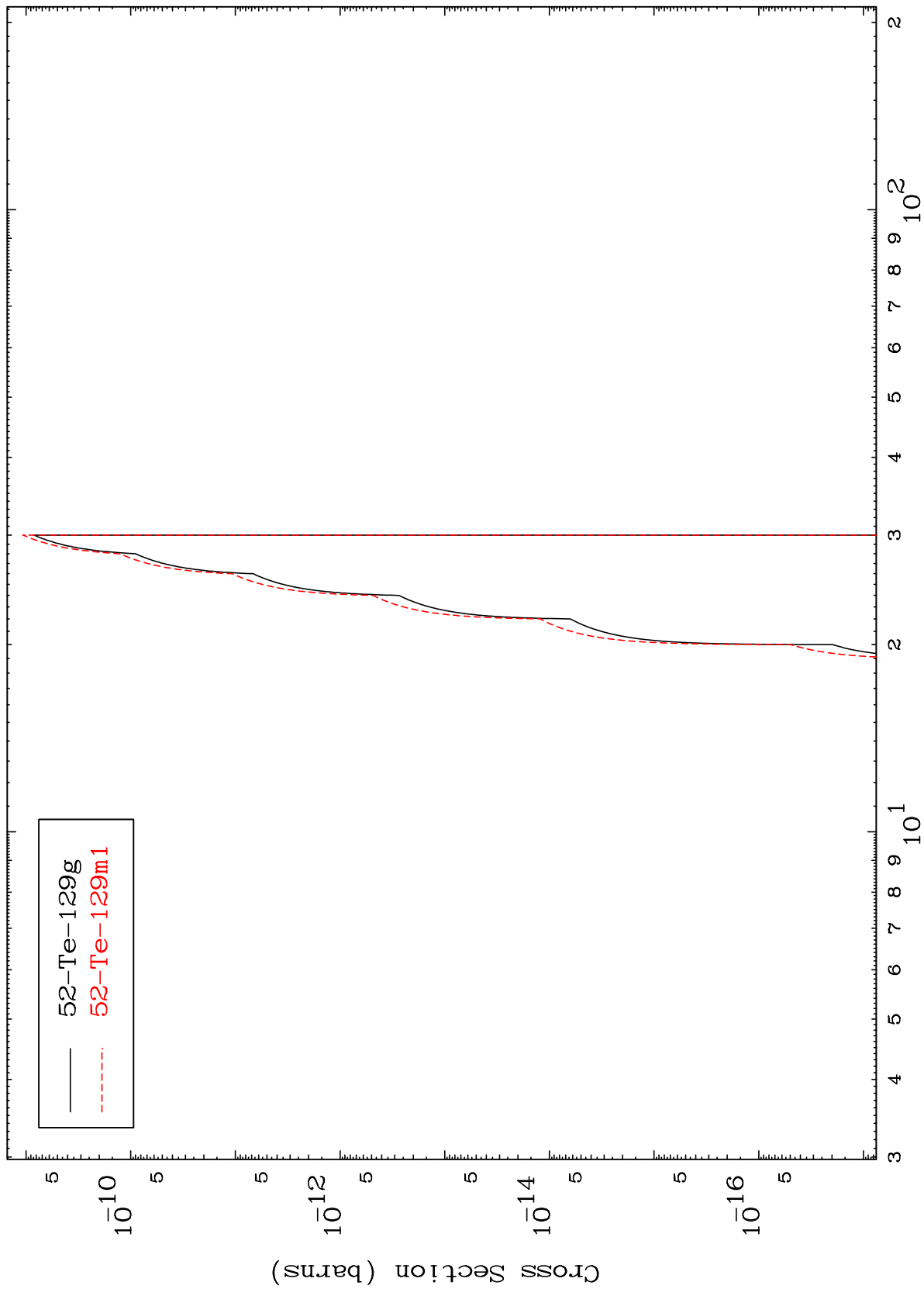
Radionuclide Production Cross Section
(n, α)



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54-Xe-133

$(n, 2\alpha)$
Radionuclide Production Cross Section



23

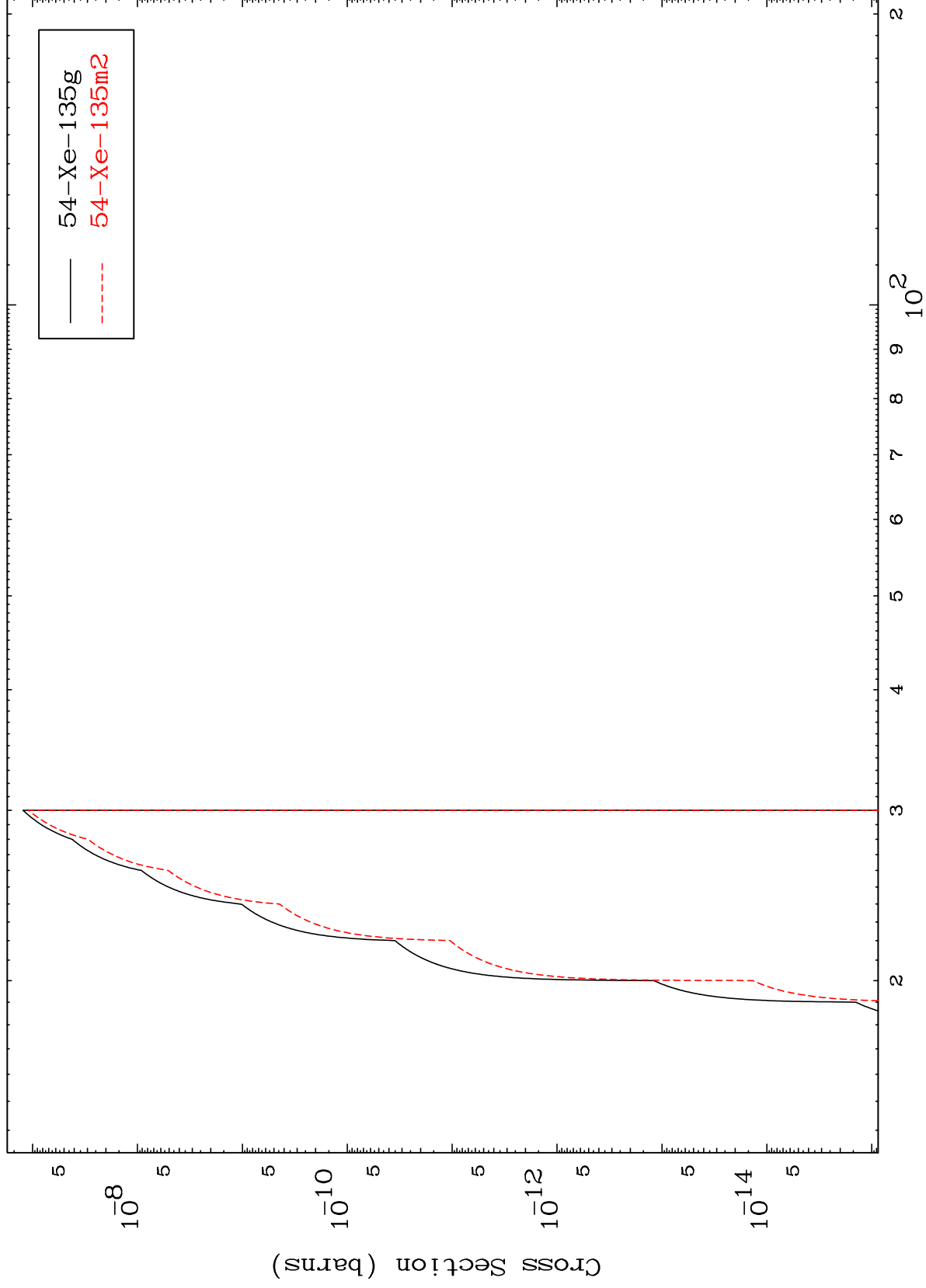
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

(n,2p)
Radionuclide Production Cross Section



24

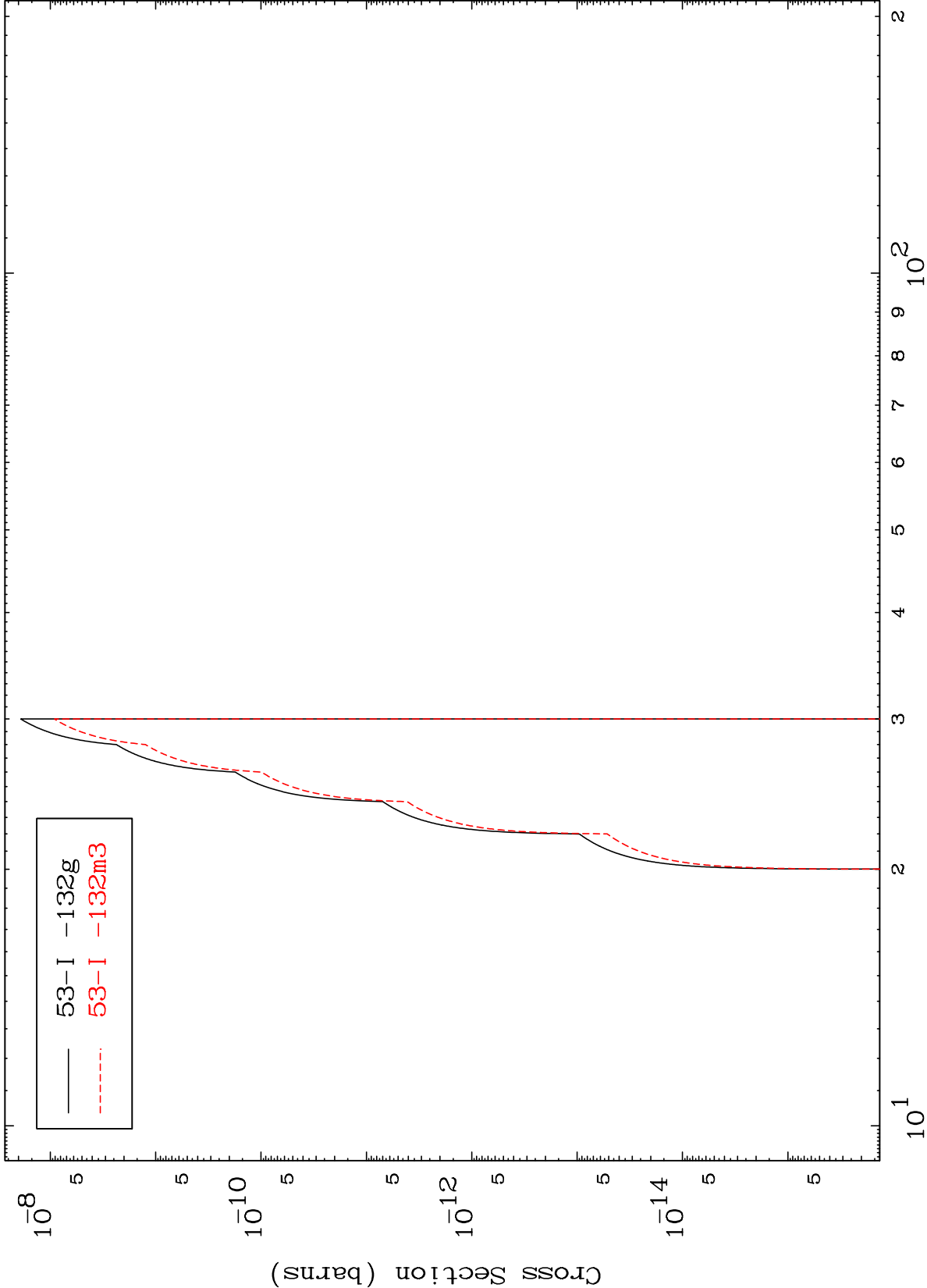
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

(n,p) α
Radionuclide Production Cross Section



54-Xe-133

Incident Energy (MeV)

25