

Program EVALPLOT
(Version 2021-1)

by

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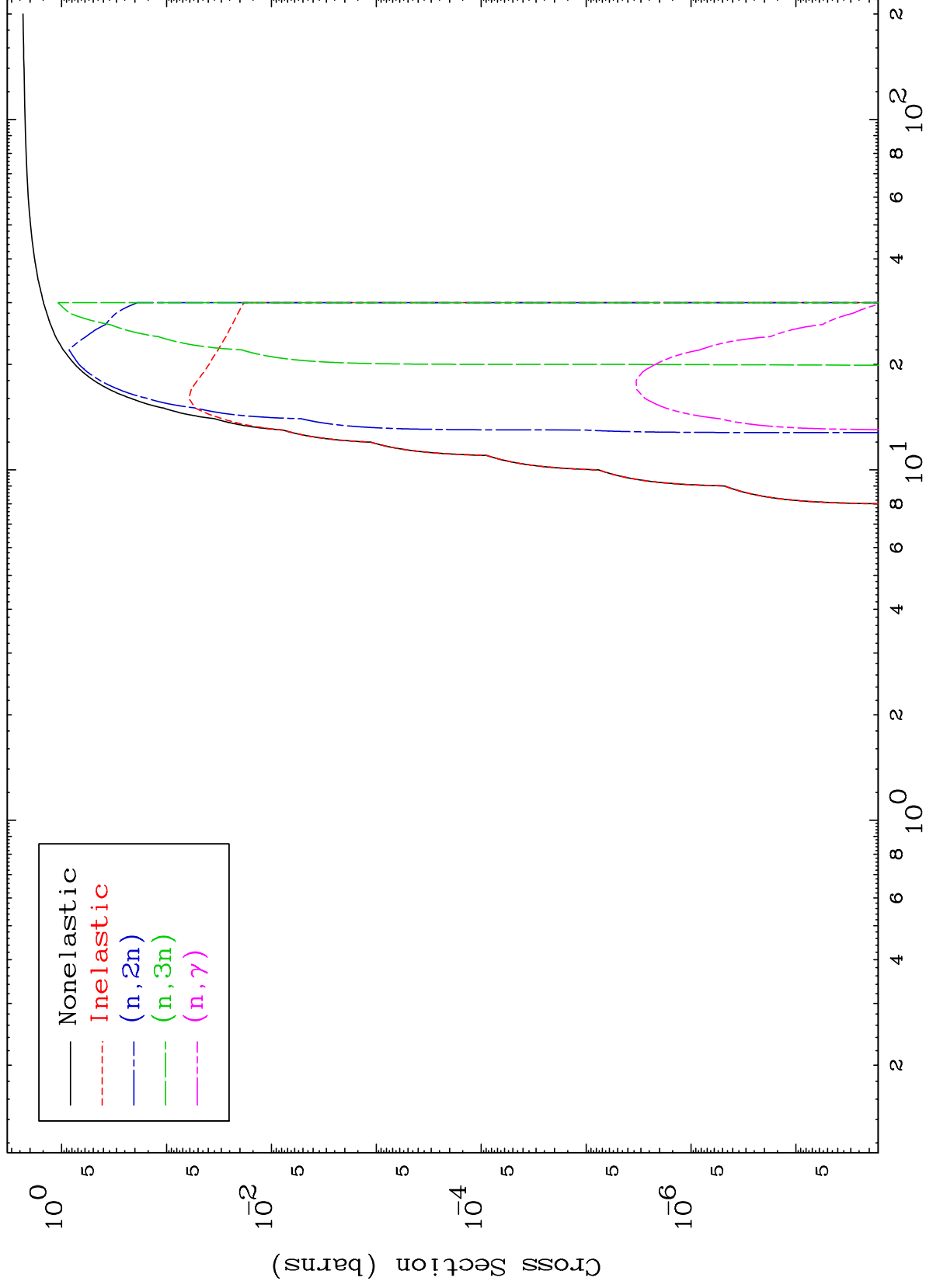
Press Mouse Button to Start

MAT 5458

α Major

54-Xe-135

0 Kelvin Cross Sections



1

Incident Energy (MeV)

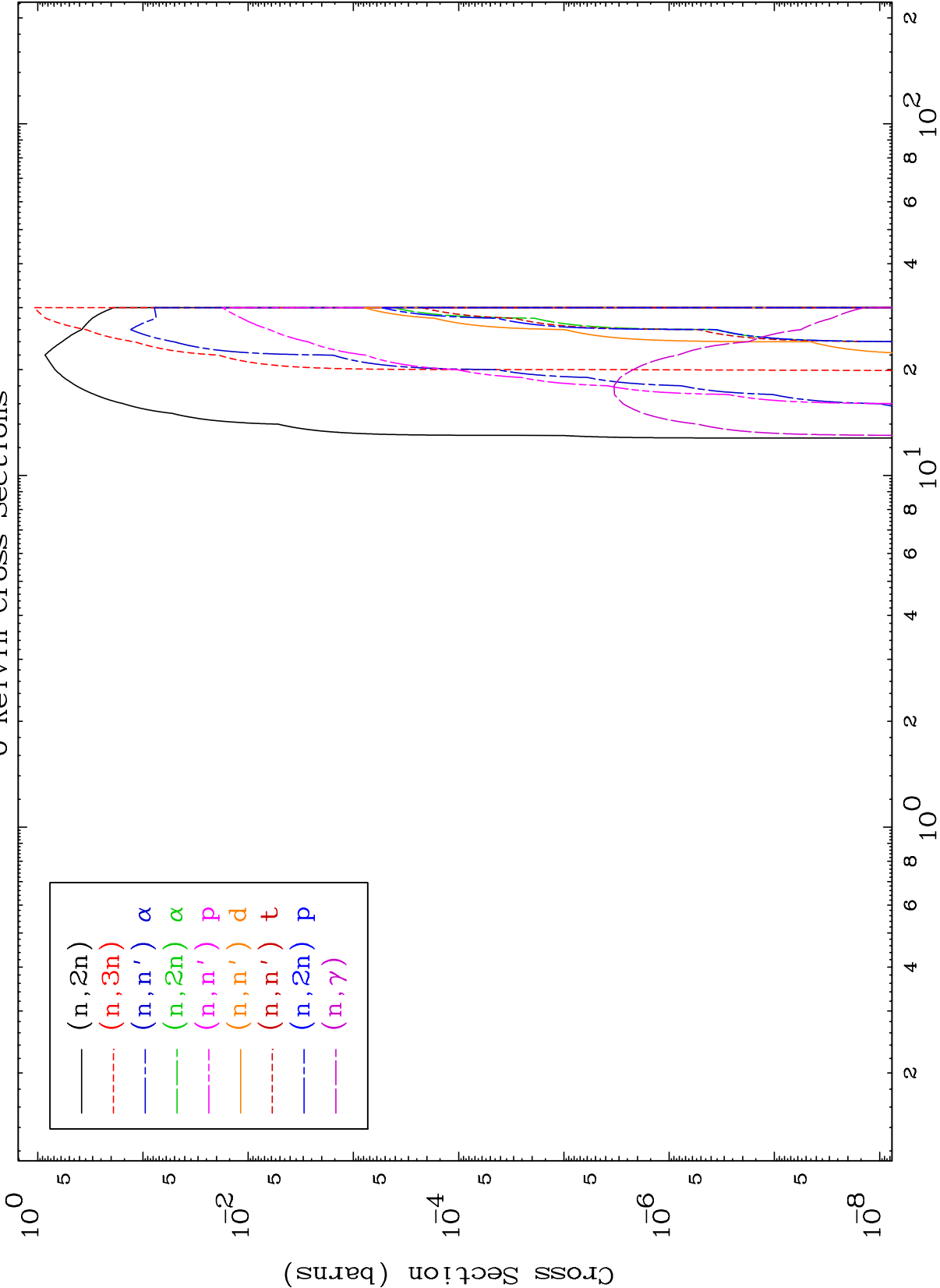
54-Xe-135

MAT 5458

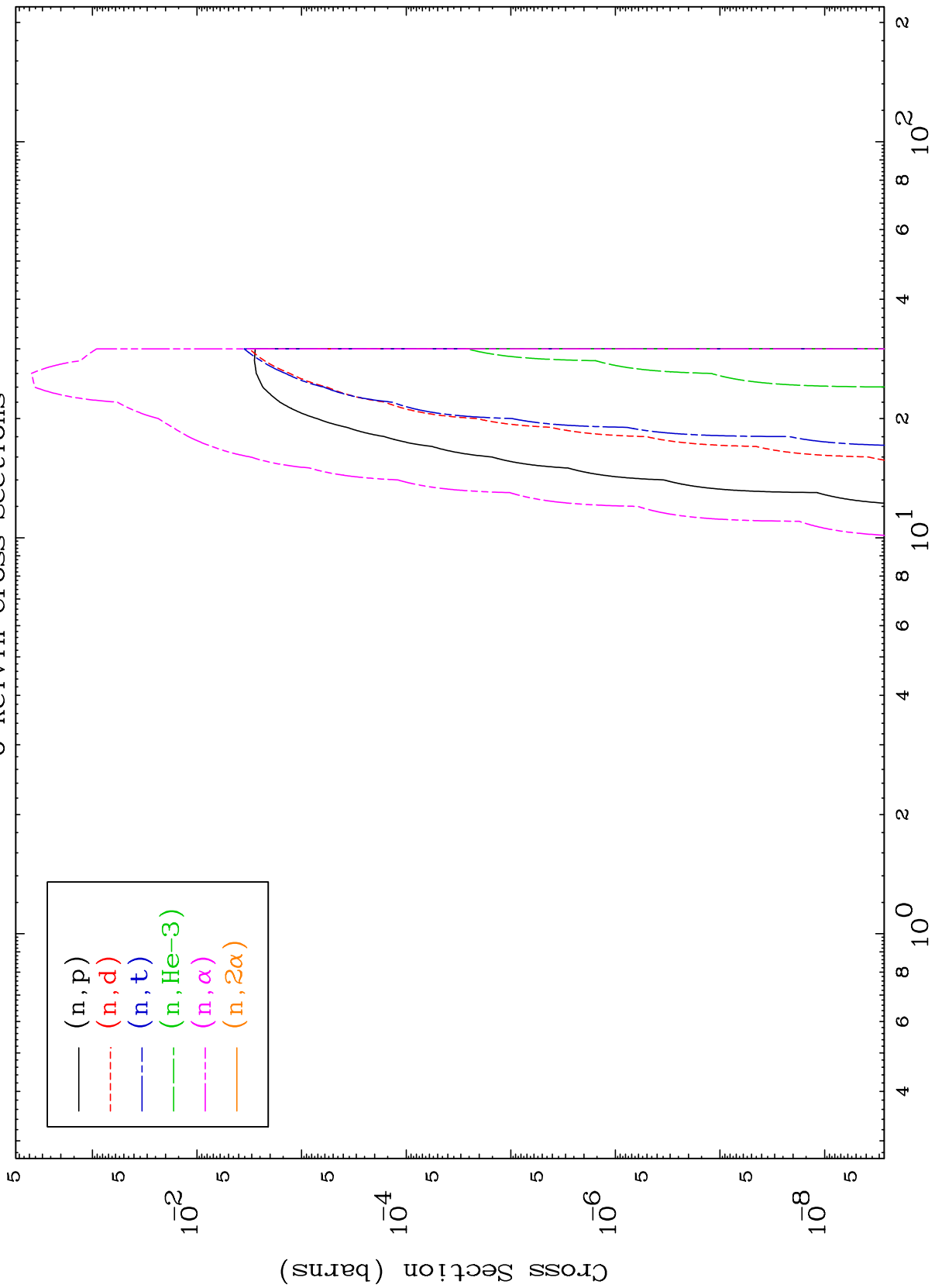
α Neutron Absorption

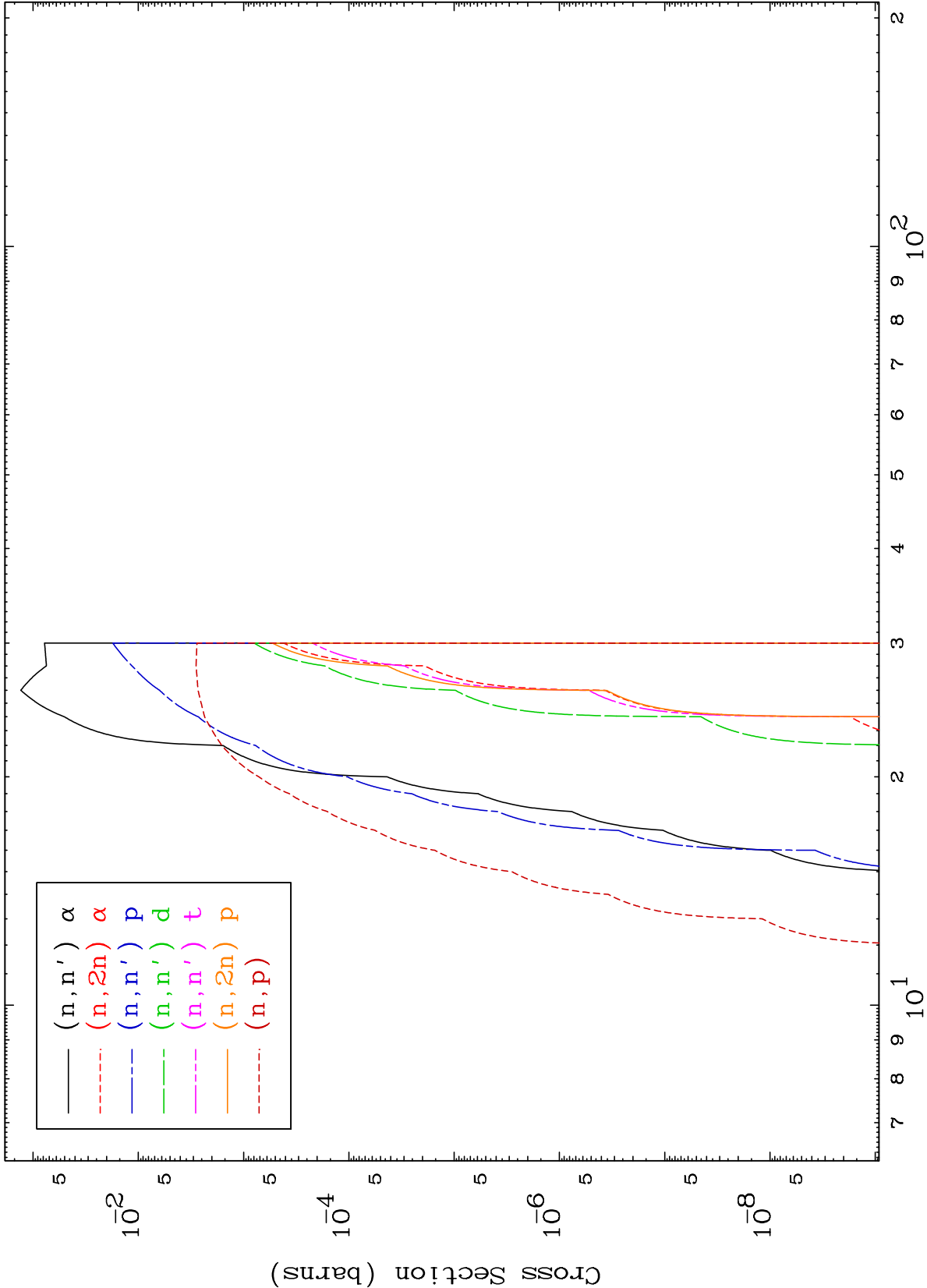
54-Xe-135

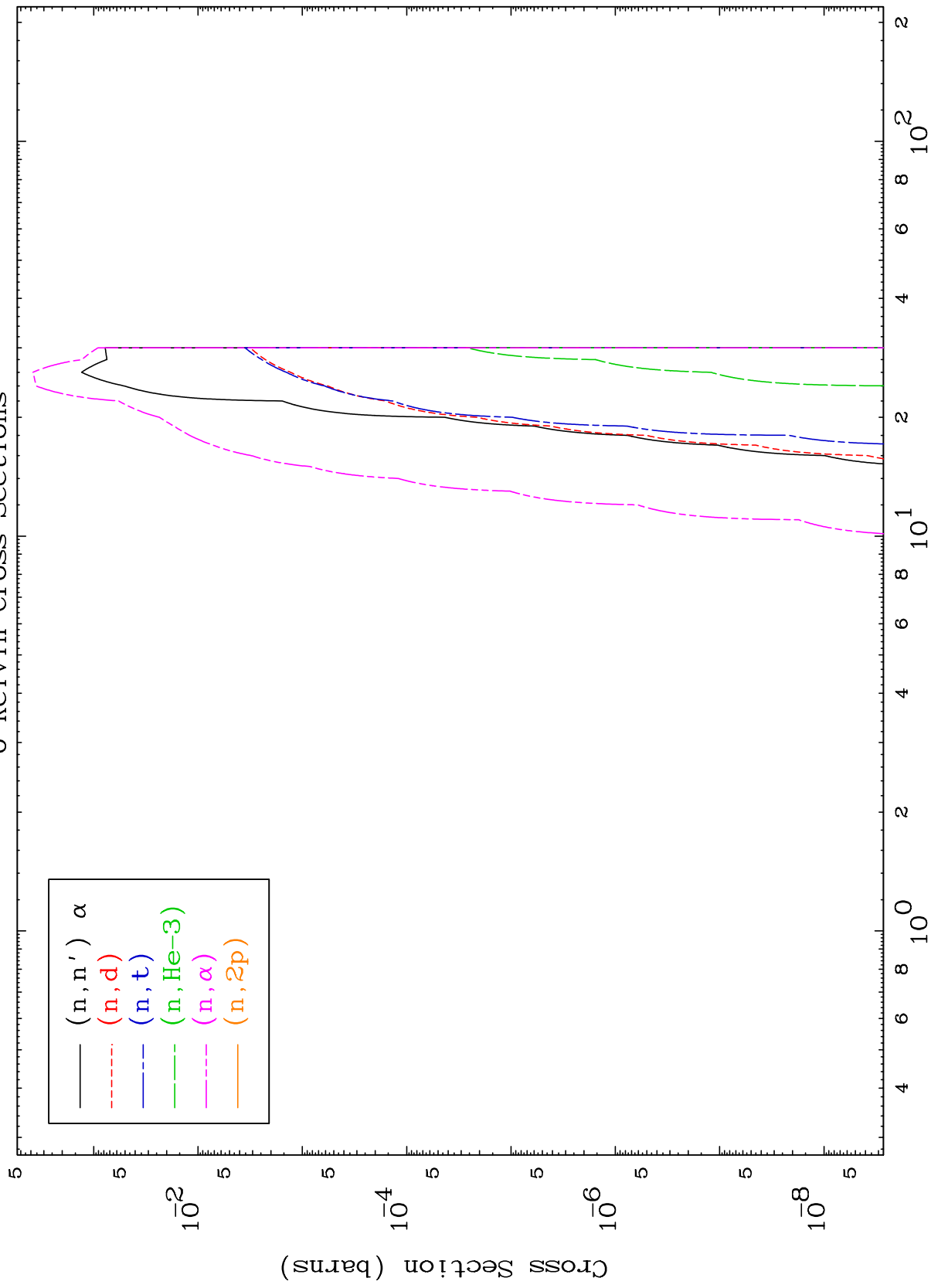
0 Kelvin Cross Sections



0 Kelvin Cross Sections





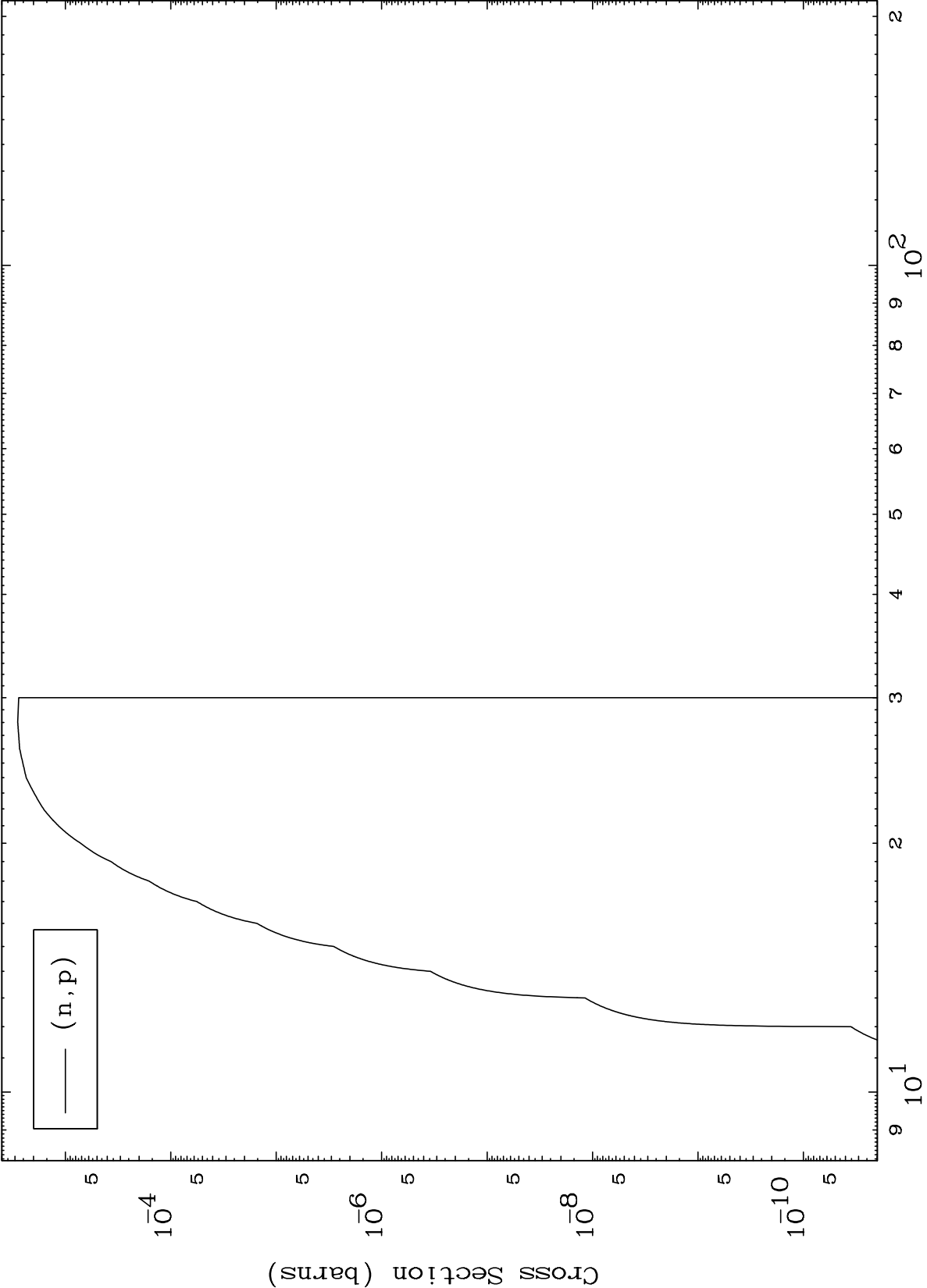


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(α, p) Levels

54-Xe-135

0 Kelvin Cross Sections



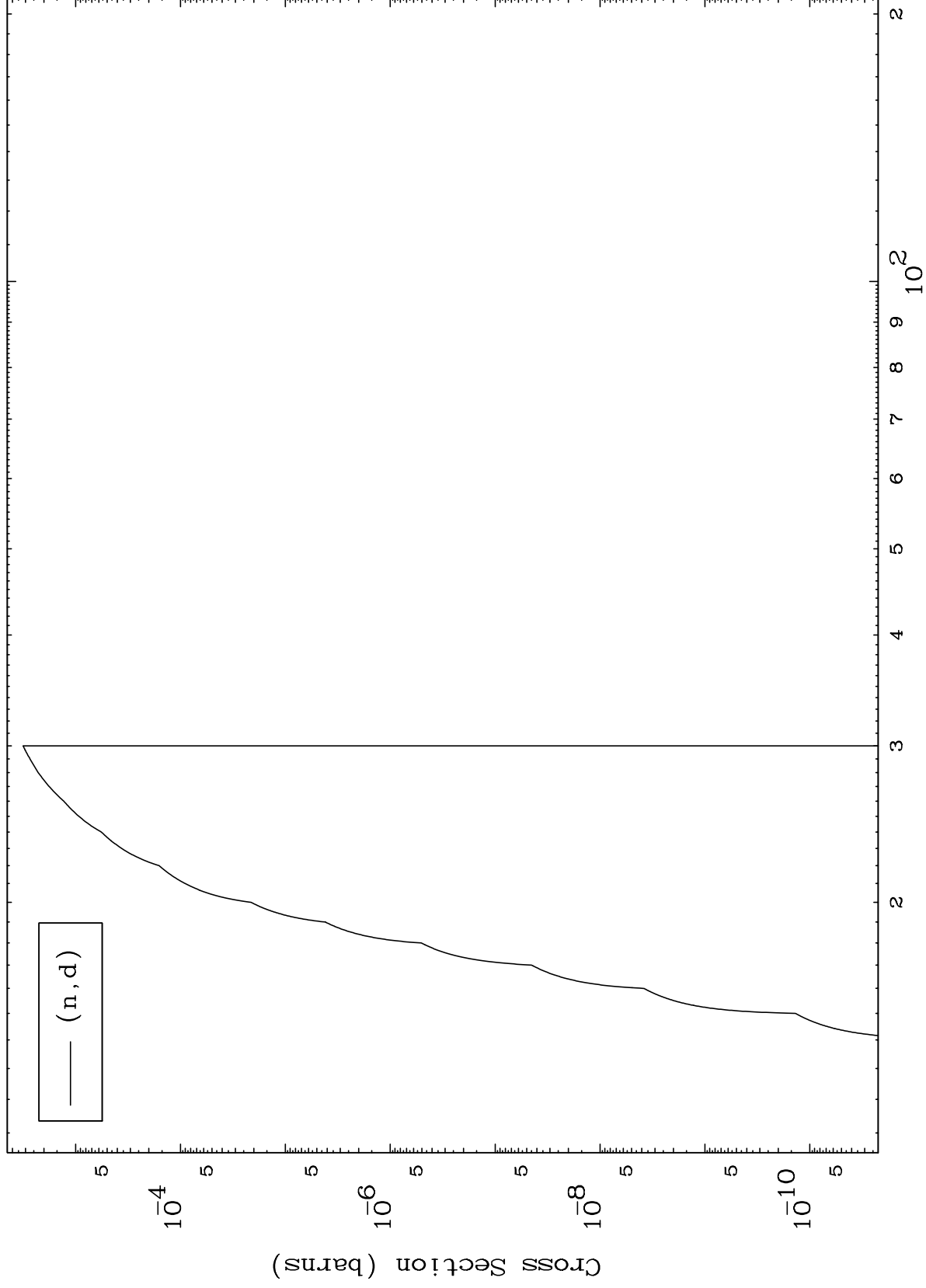
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

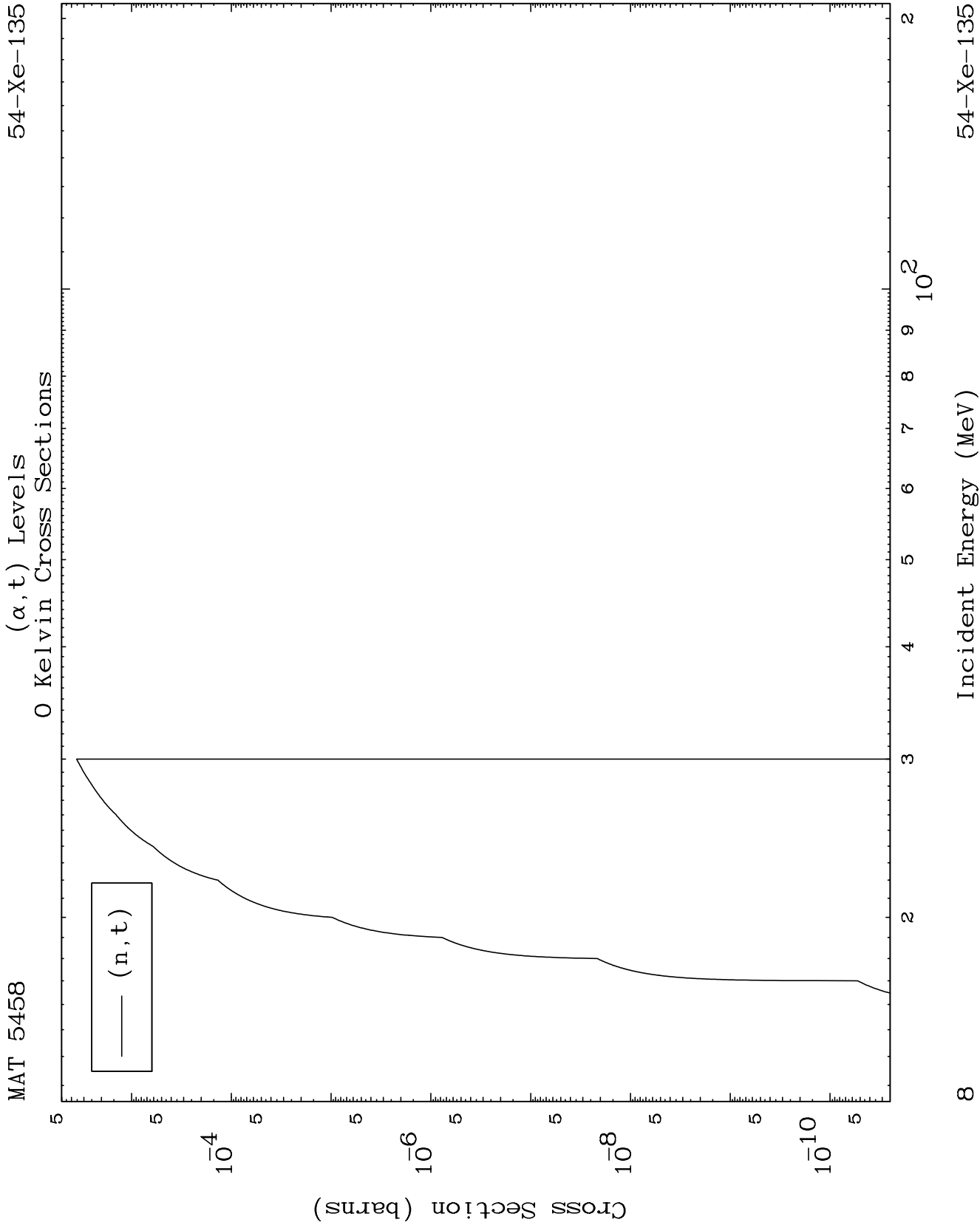
(α, d) Levels
0 Kelvin Cross Sections



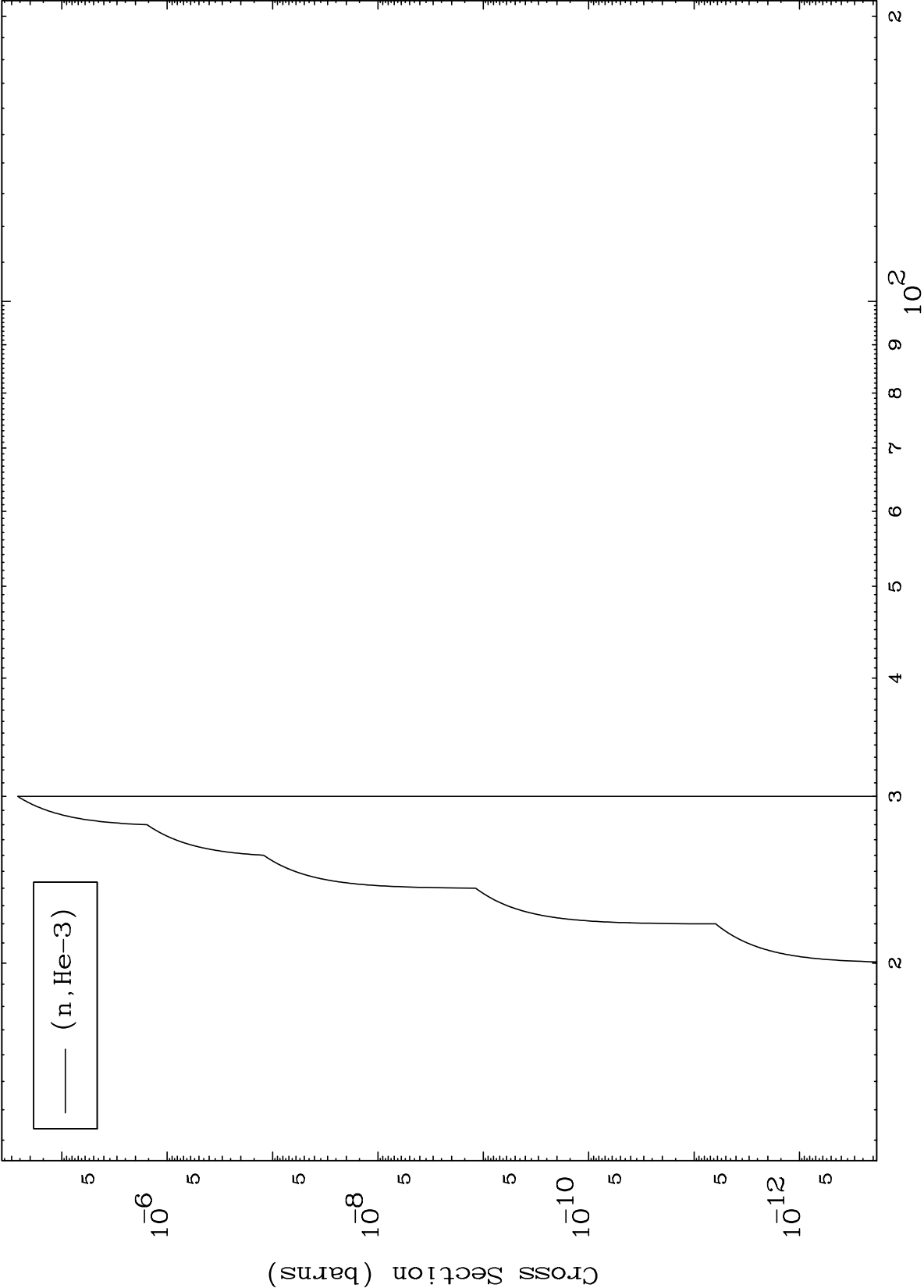
54-Xe-135

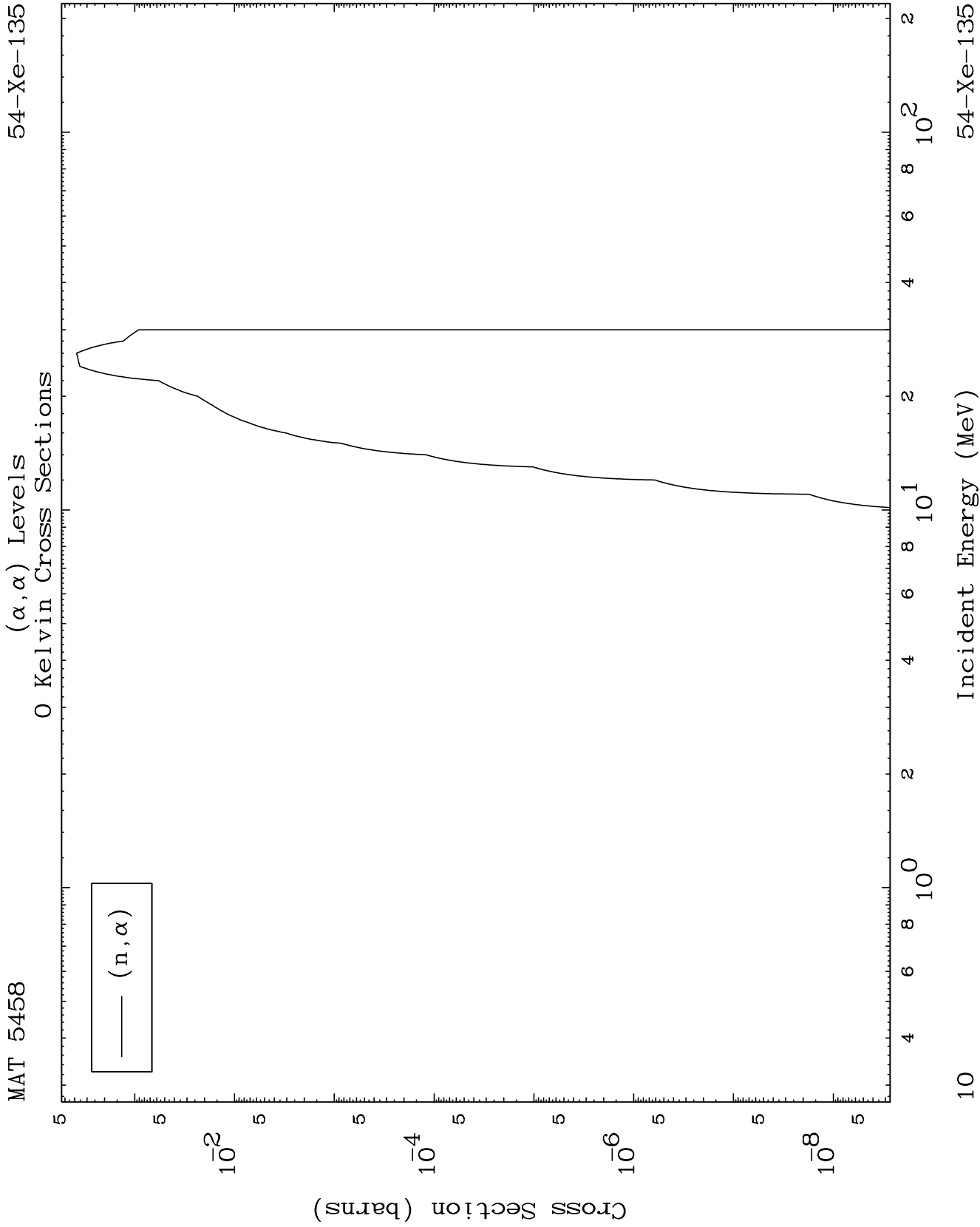
Incident Energy (MeV)

7

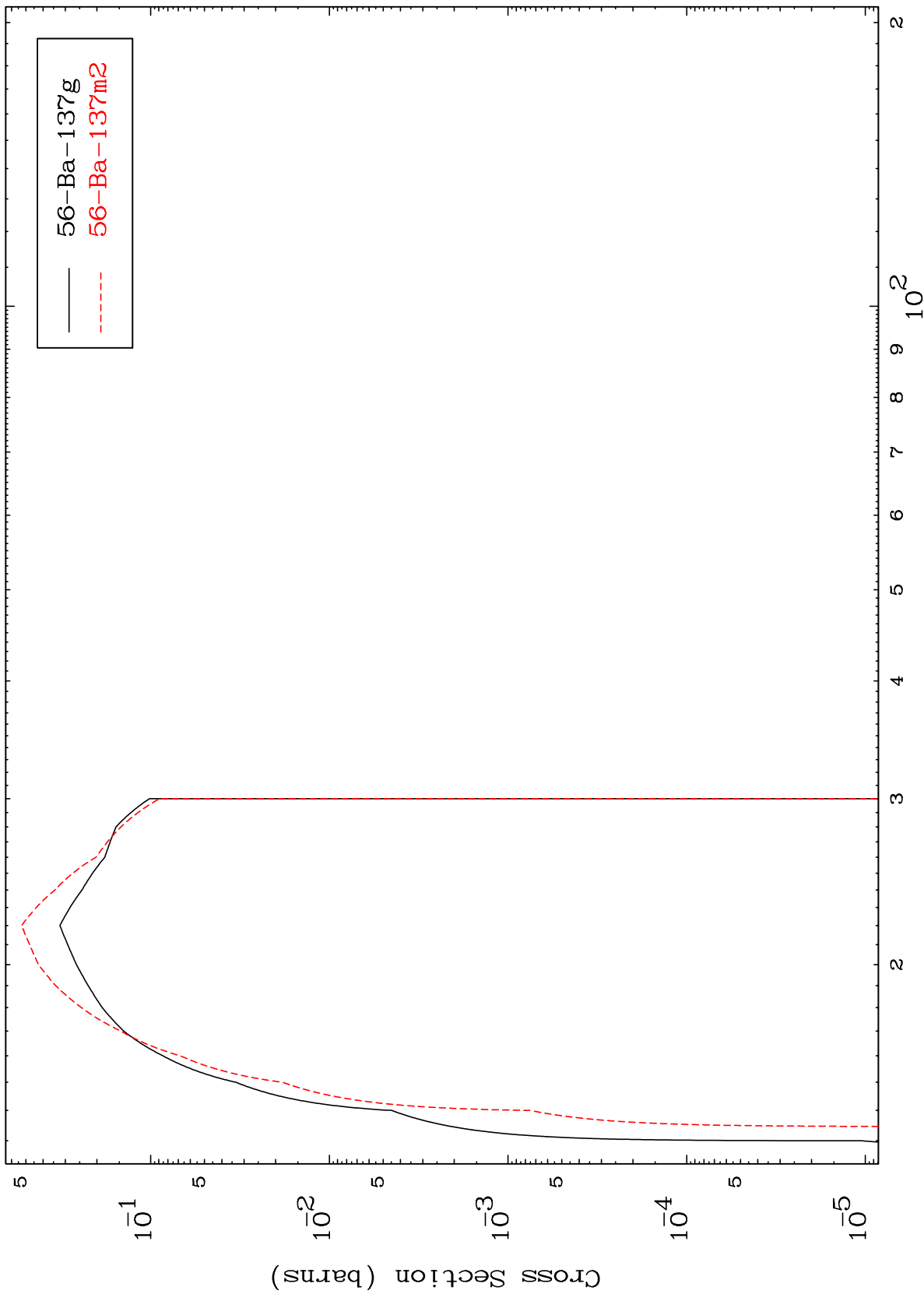


(α ,He3) Levels
0 Kelvin Cross Sections

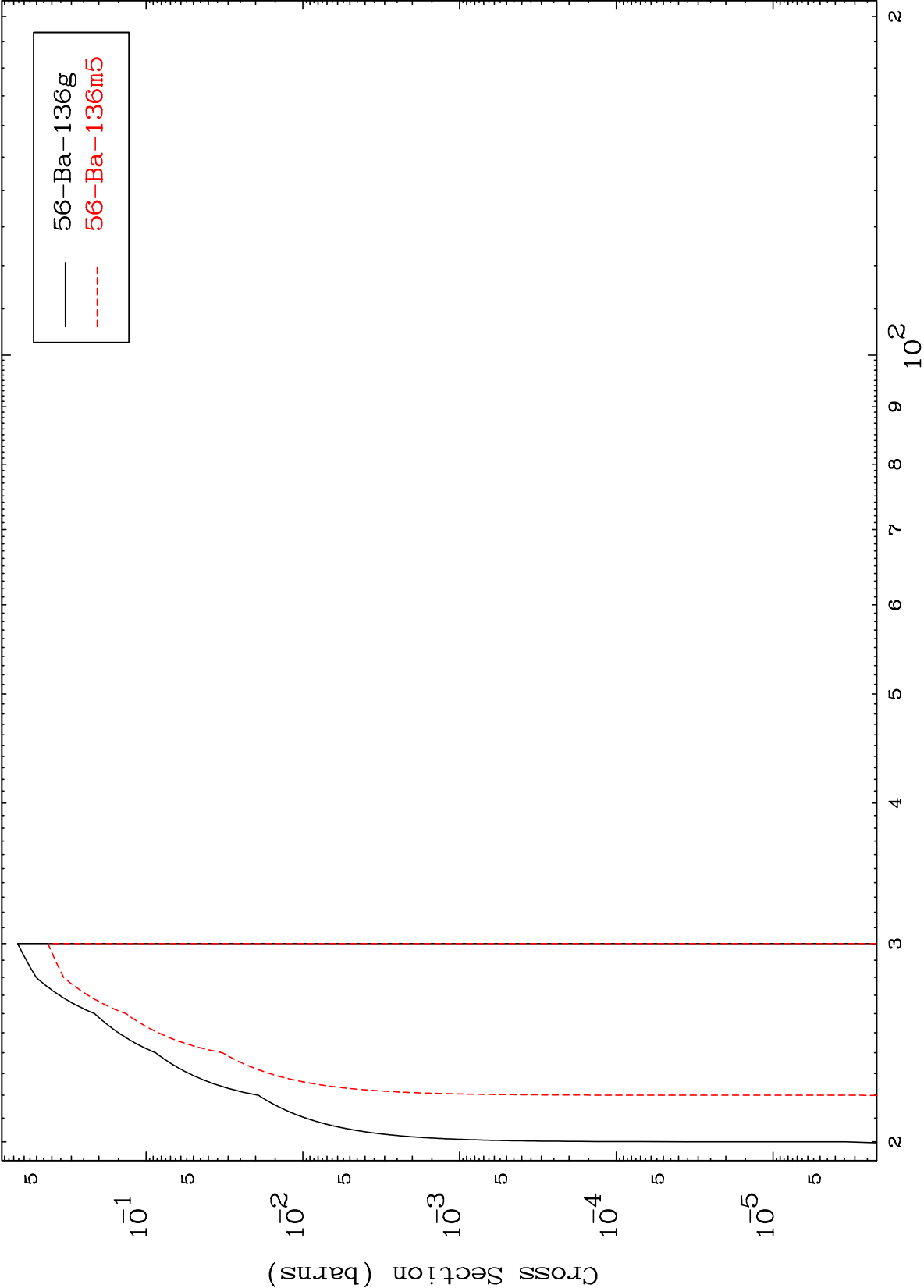




(n,2n)
Radionuclide Production Cross Section



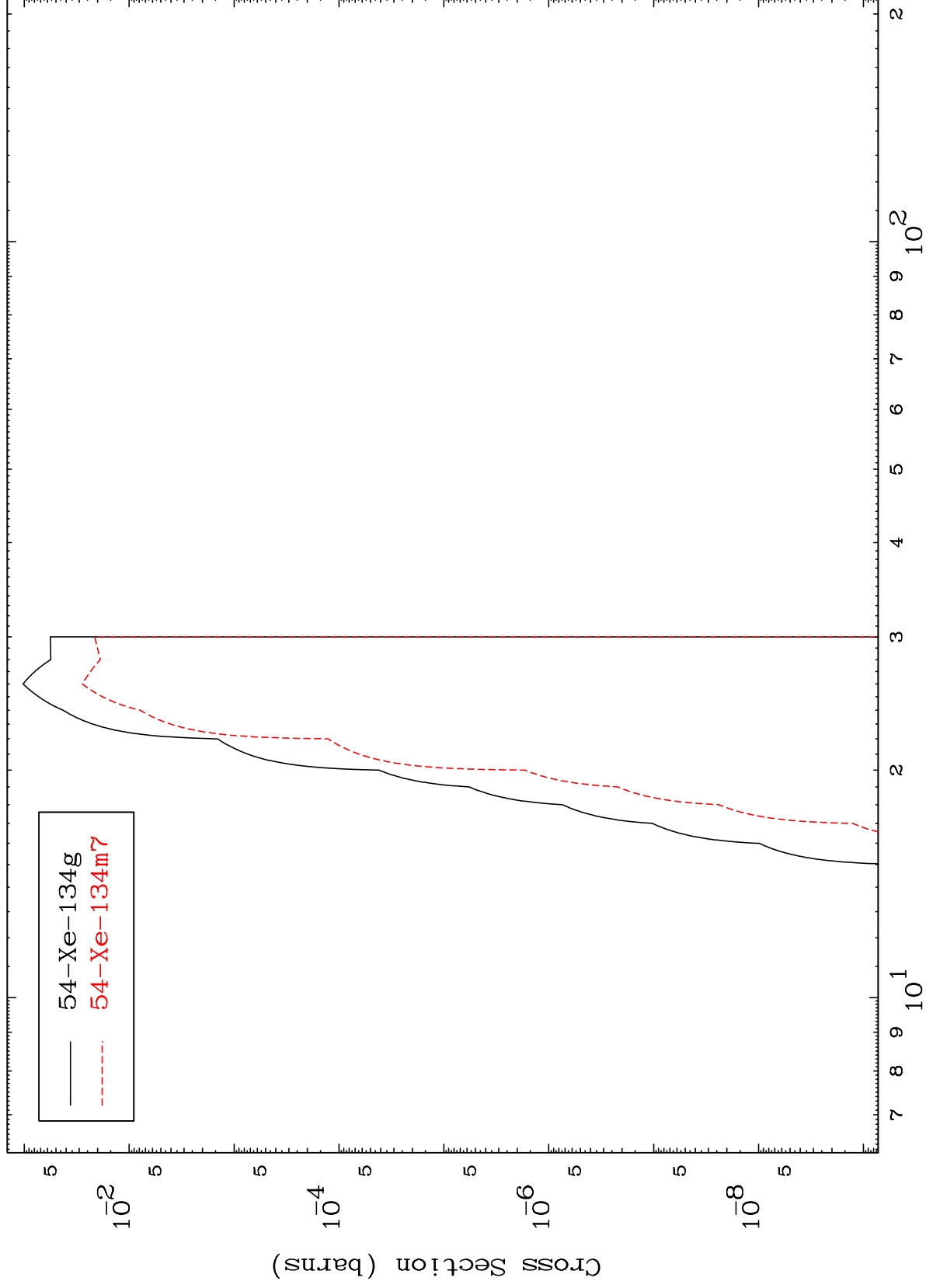
(n,3n)
Radionuclide Production Cross Section



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54-Xe-135

Radionuclide Production Cross Section
(n,n') α



13

Incident Energy (MeV)

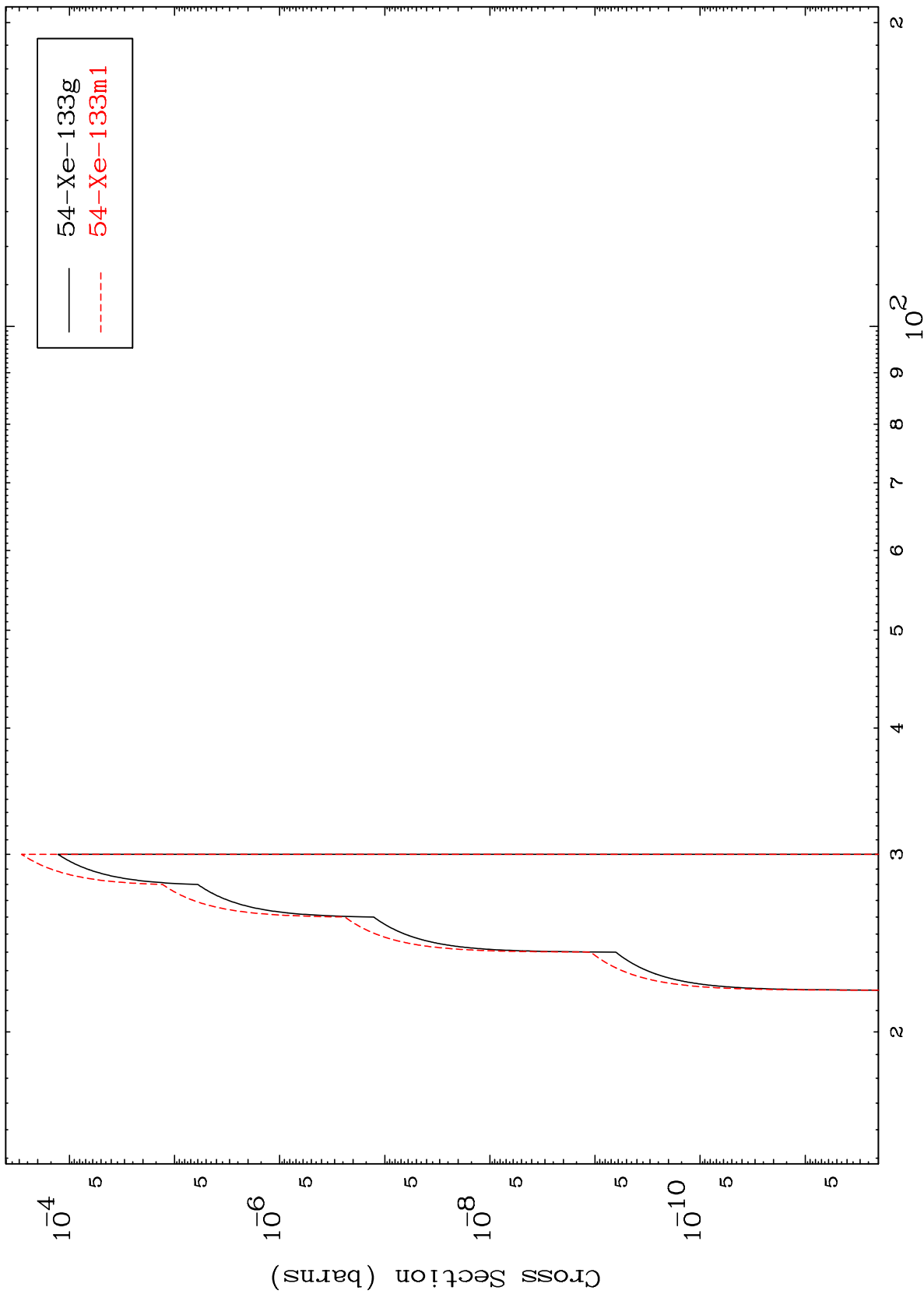
54-Xe-135

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54-Xe-135

(n,2n) α

Radionuclide Production Cross Section



54-Xe-135

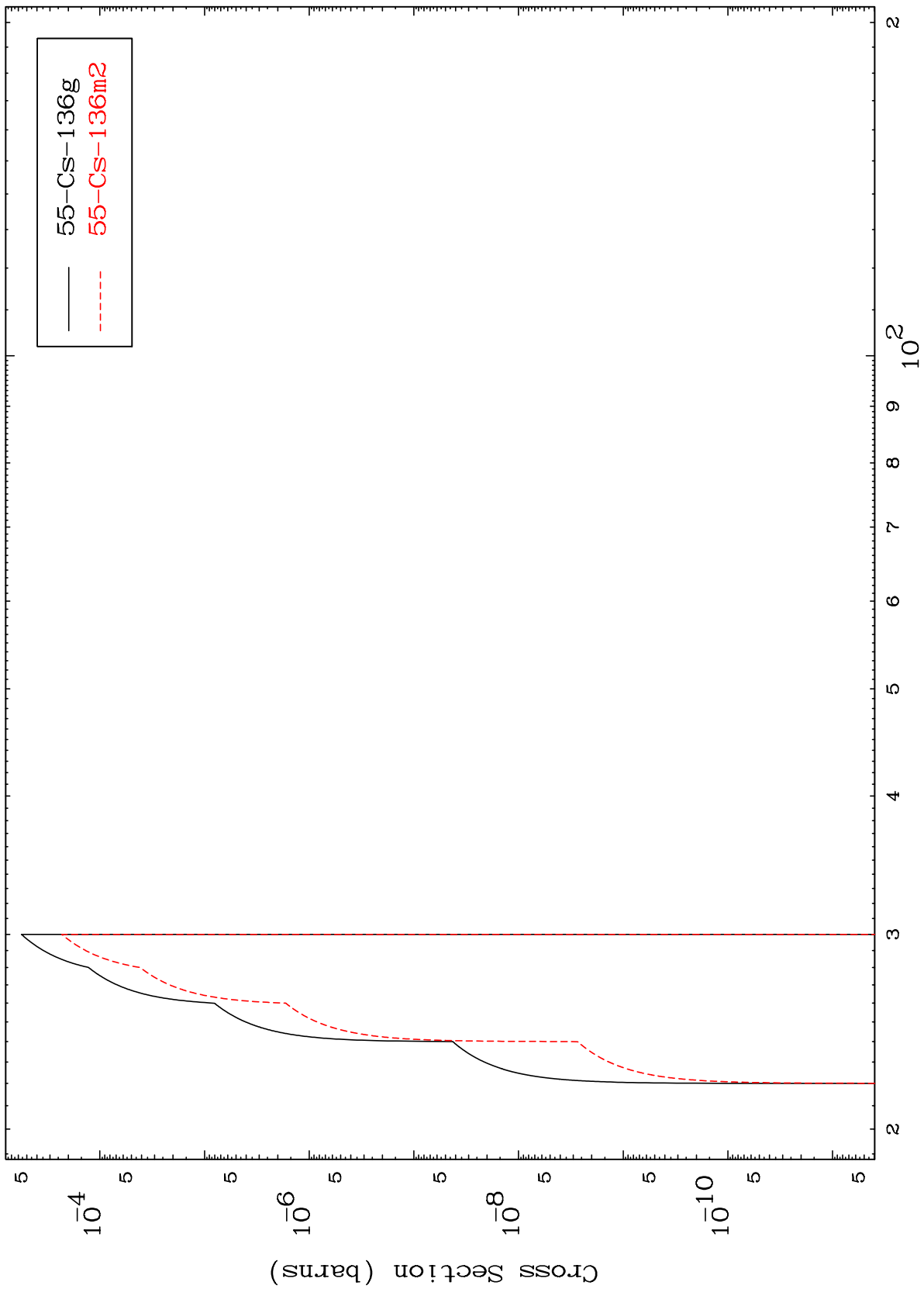
Incident Energy (MeV)

14

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54-Xe-135

(n,n') d
Radionuclide Production Cross Section

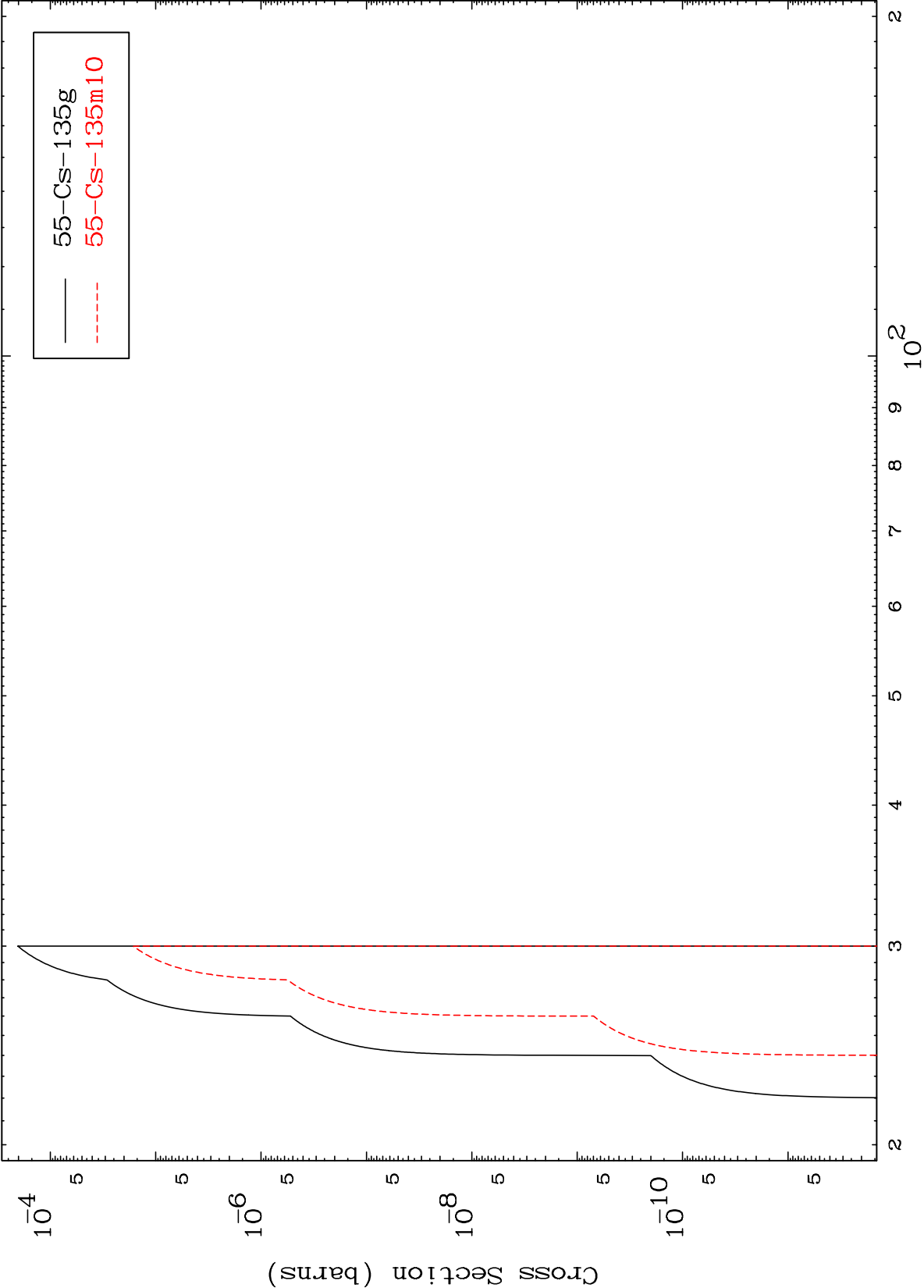


54-Xe-135

Incident Energy (MeV)

15

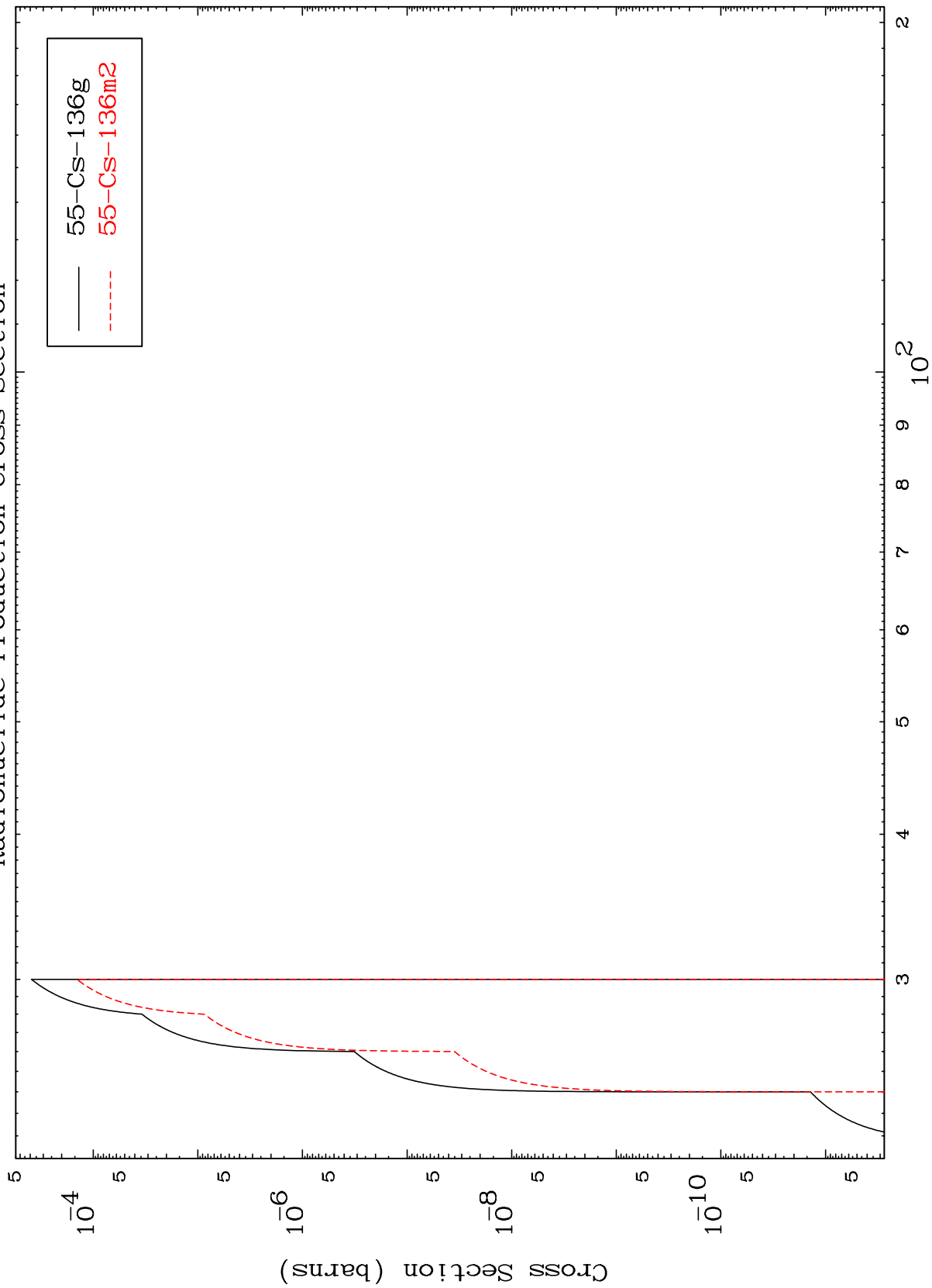
Radionuclide Production Cross Section



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54-Xe-135

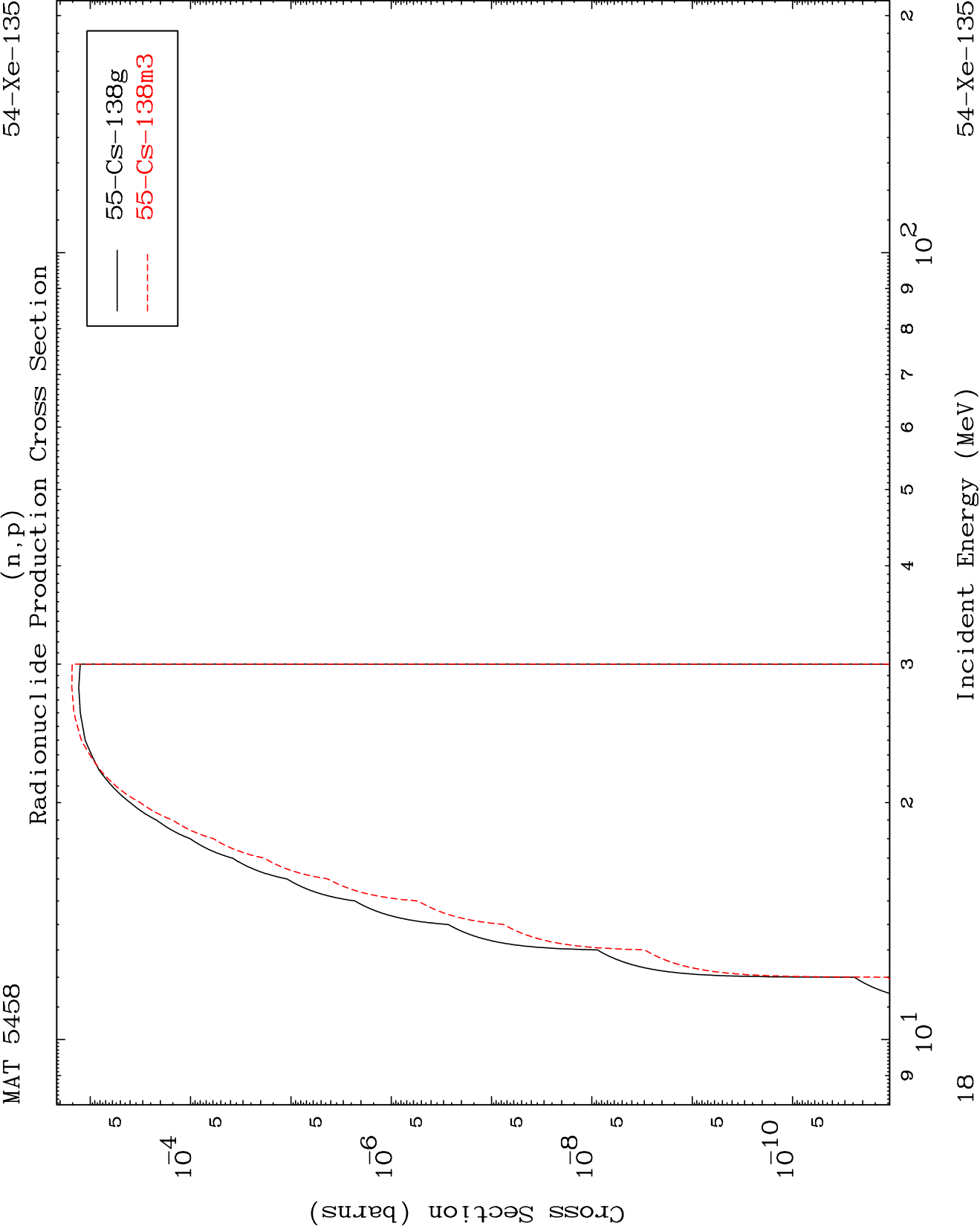
(n,2n) p
Radionuclide Production Cross Section



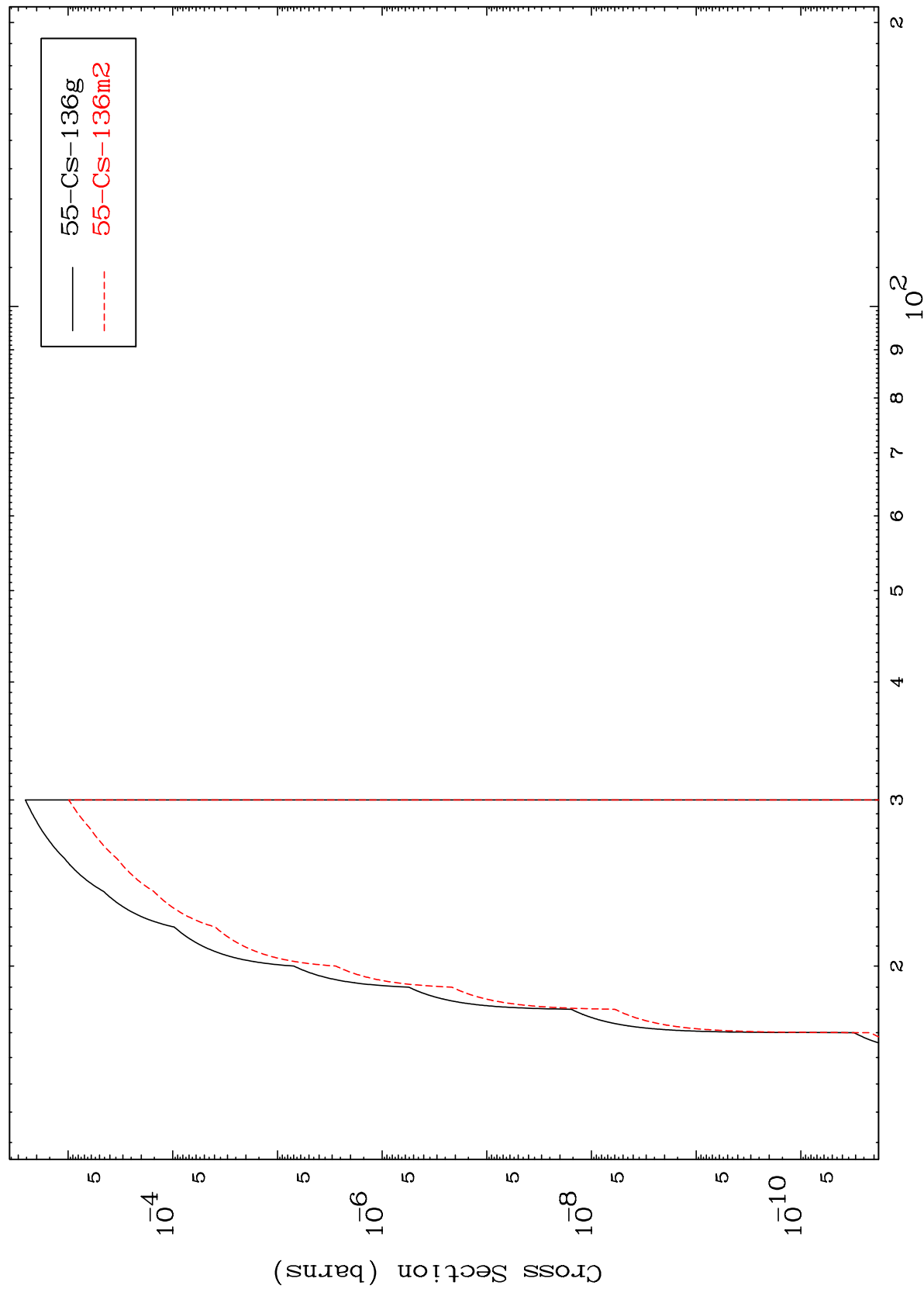
54-Xe-135

Incident Energy (MeV)

17



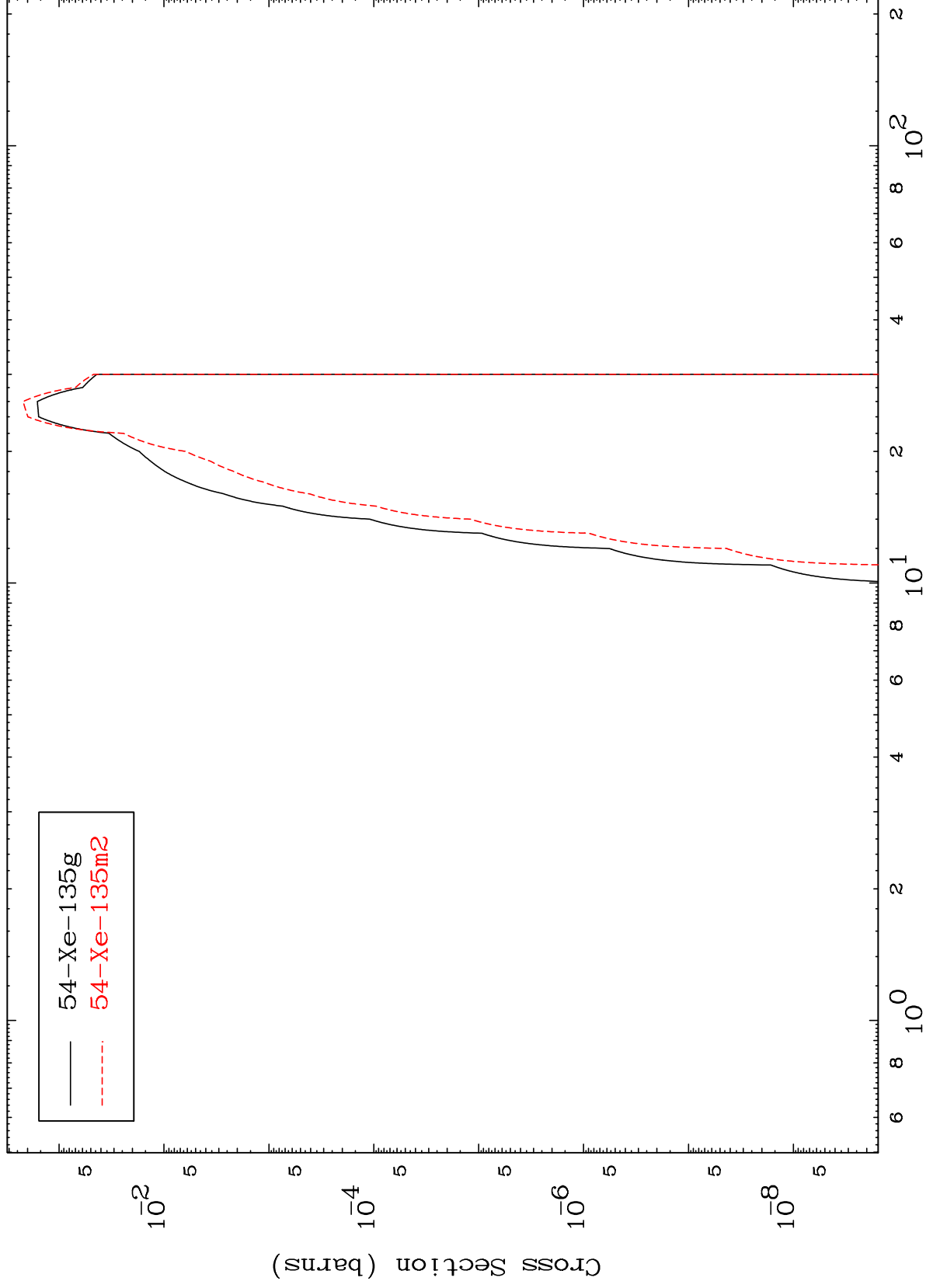
(n,t)
Radionuclide Production Cross Section



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54-Xe-135

Radionuclide Production Cross Section
(n, α)



54-Xe-135

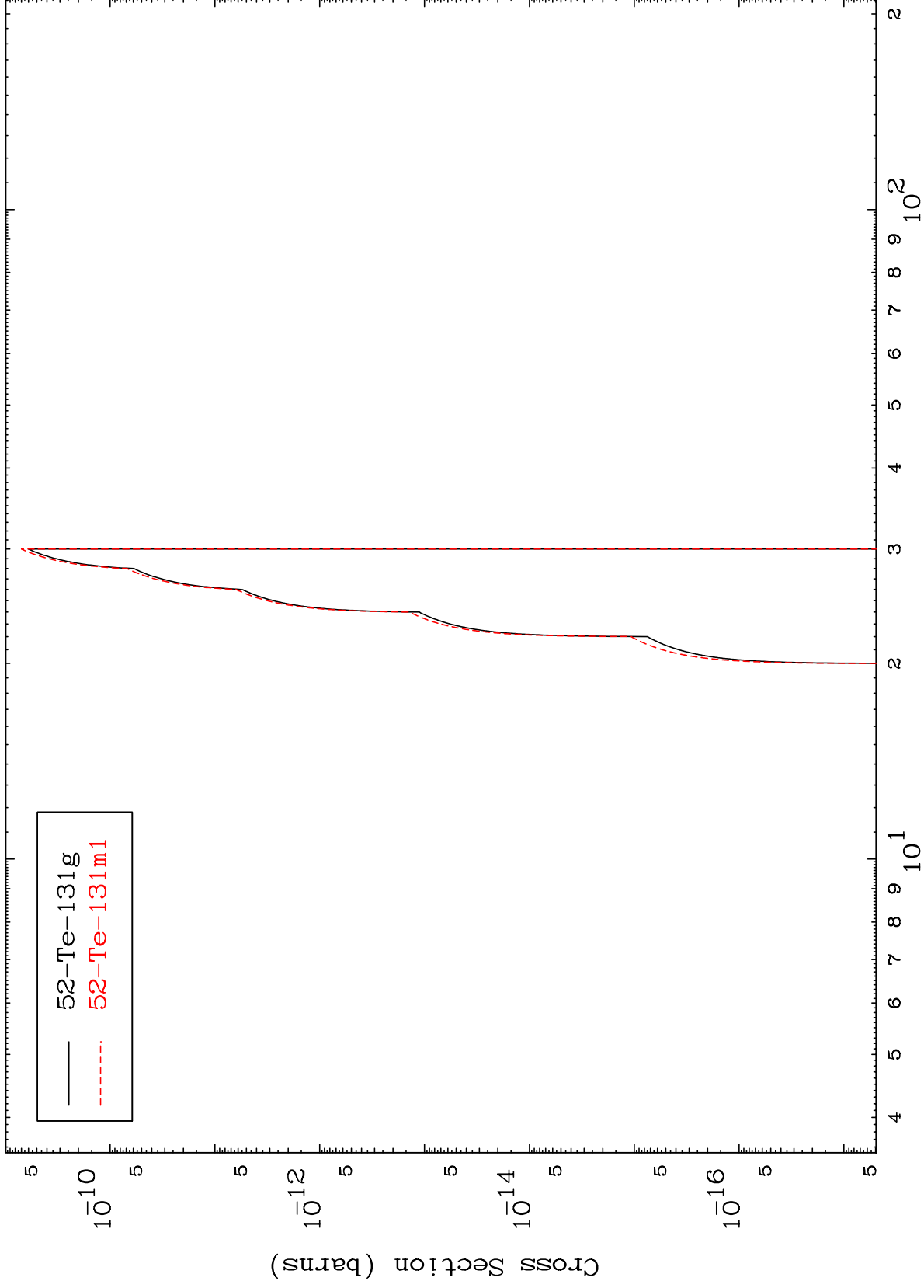
Incident Energy (MeV)

20

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54-Xe-135

Radionuclide Production Cross Section
(n,2α)



21

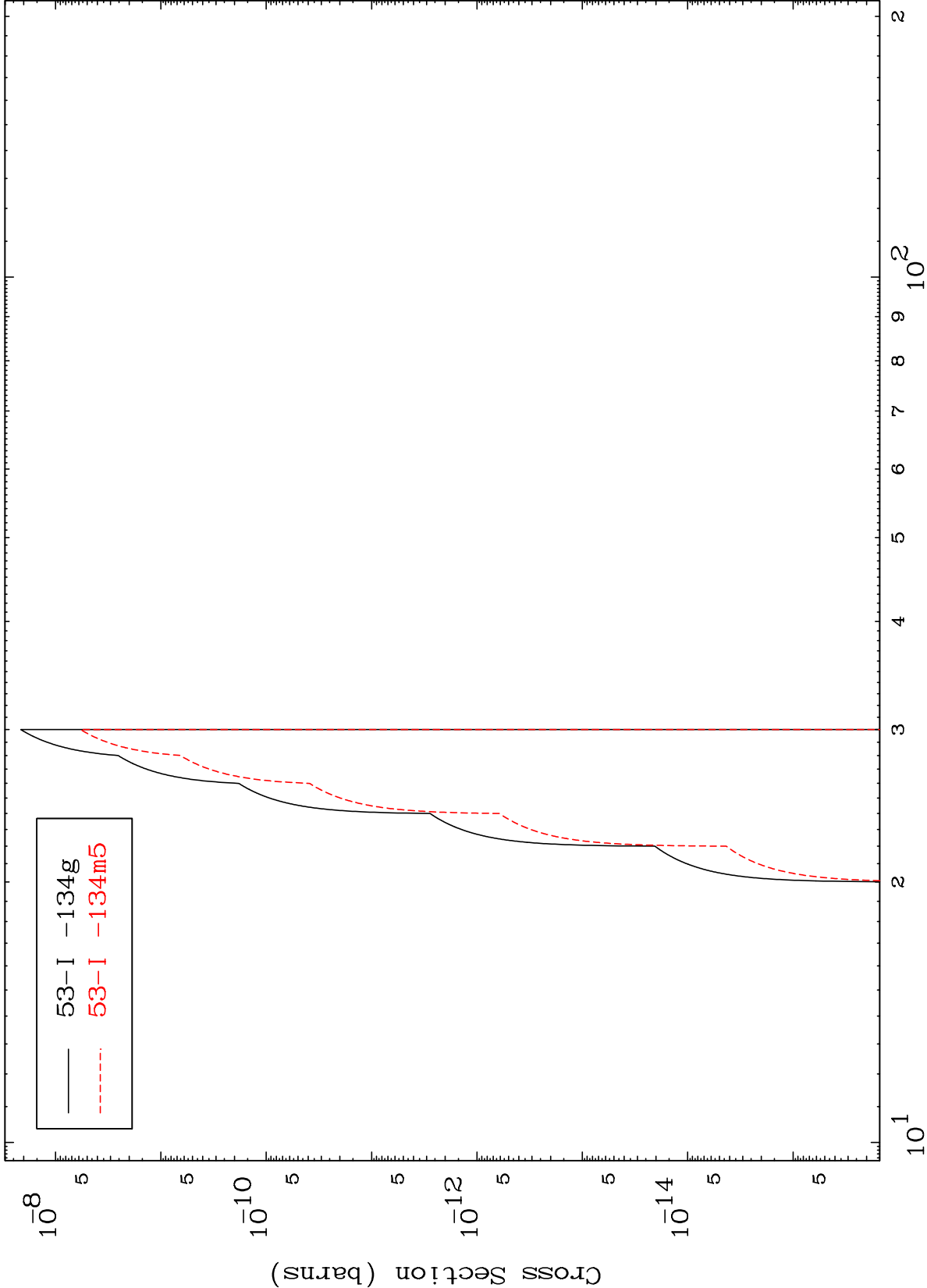
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

(n,p) α
Radionuclide Production Cross Section



54-Xe-135

Incident Energy (MeV)

22