

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

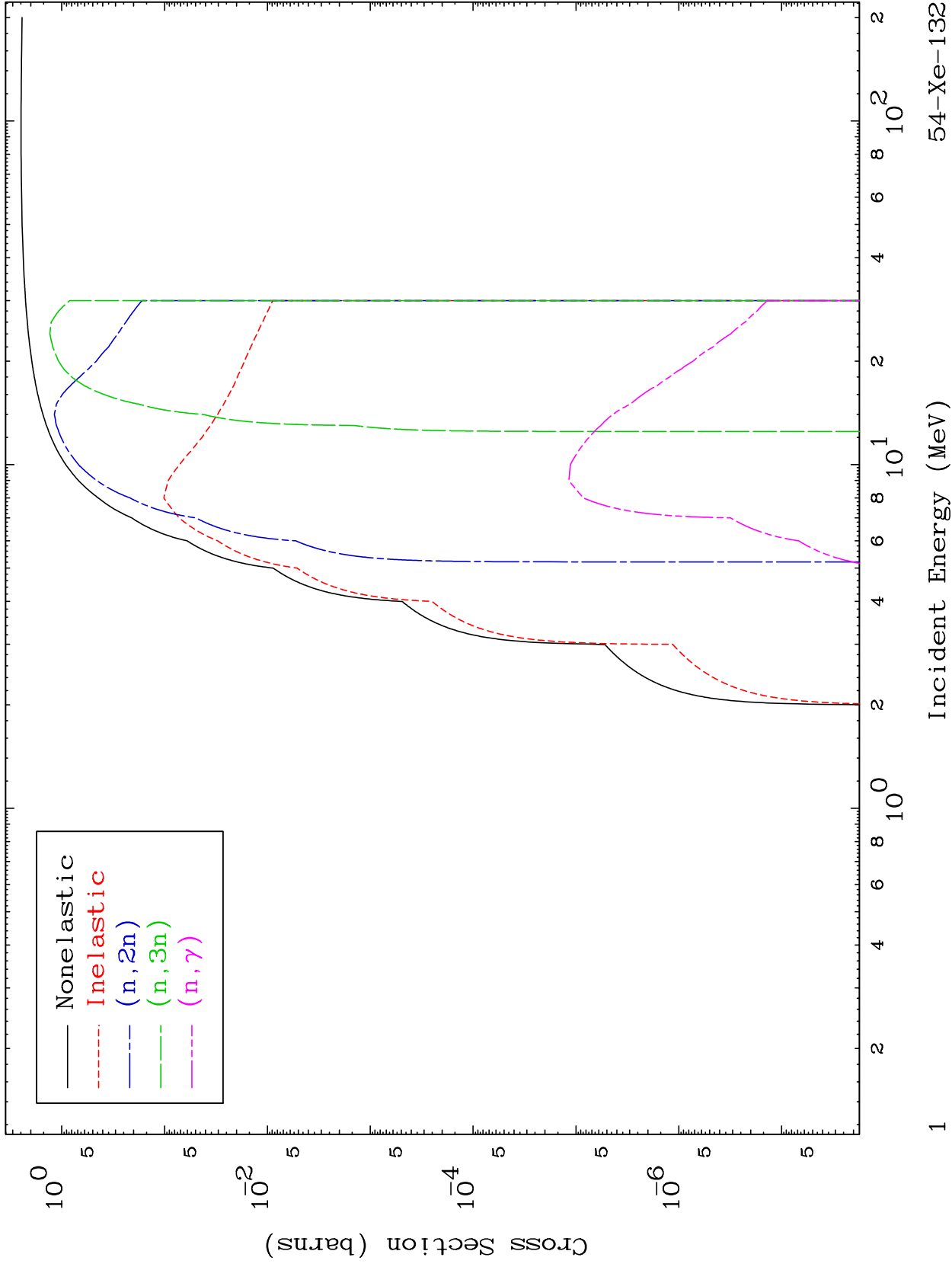
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Web:redcullen1.net/HOMEPAGE.NEW

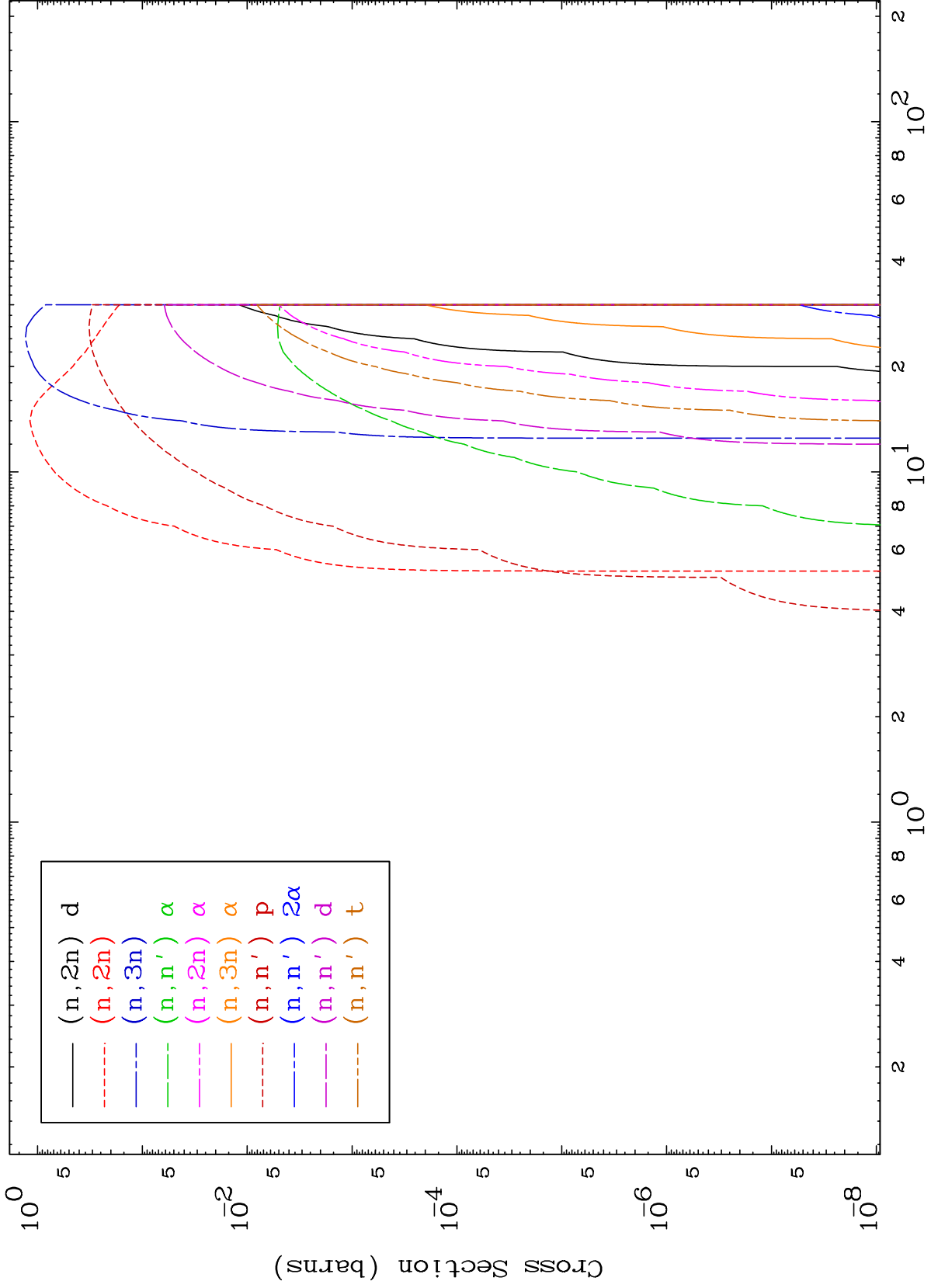
Press Mouse Button to Start

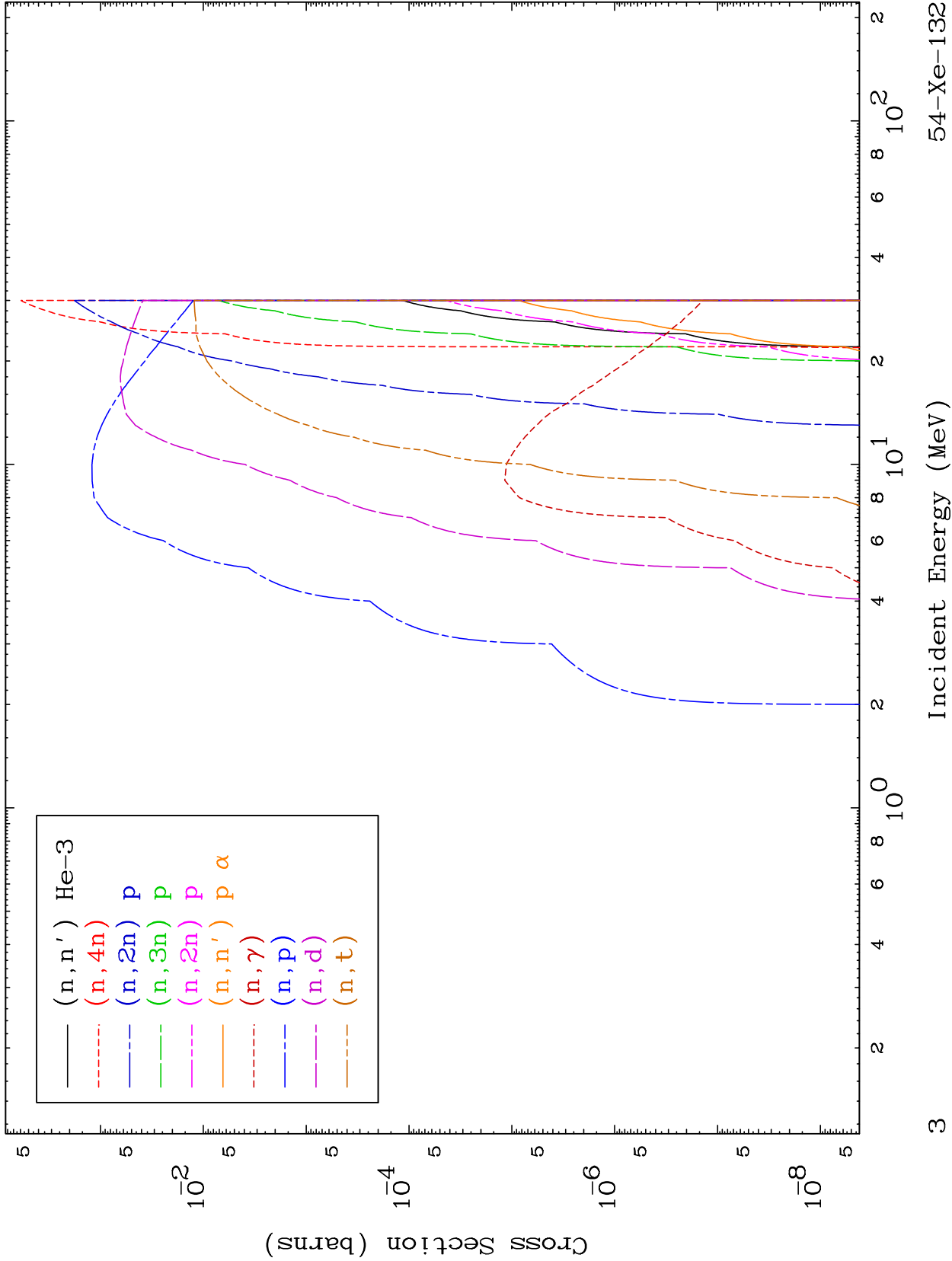


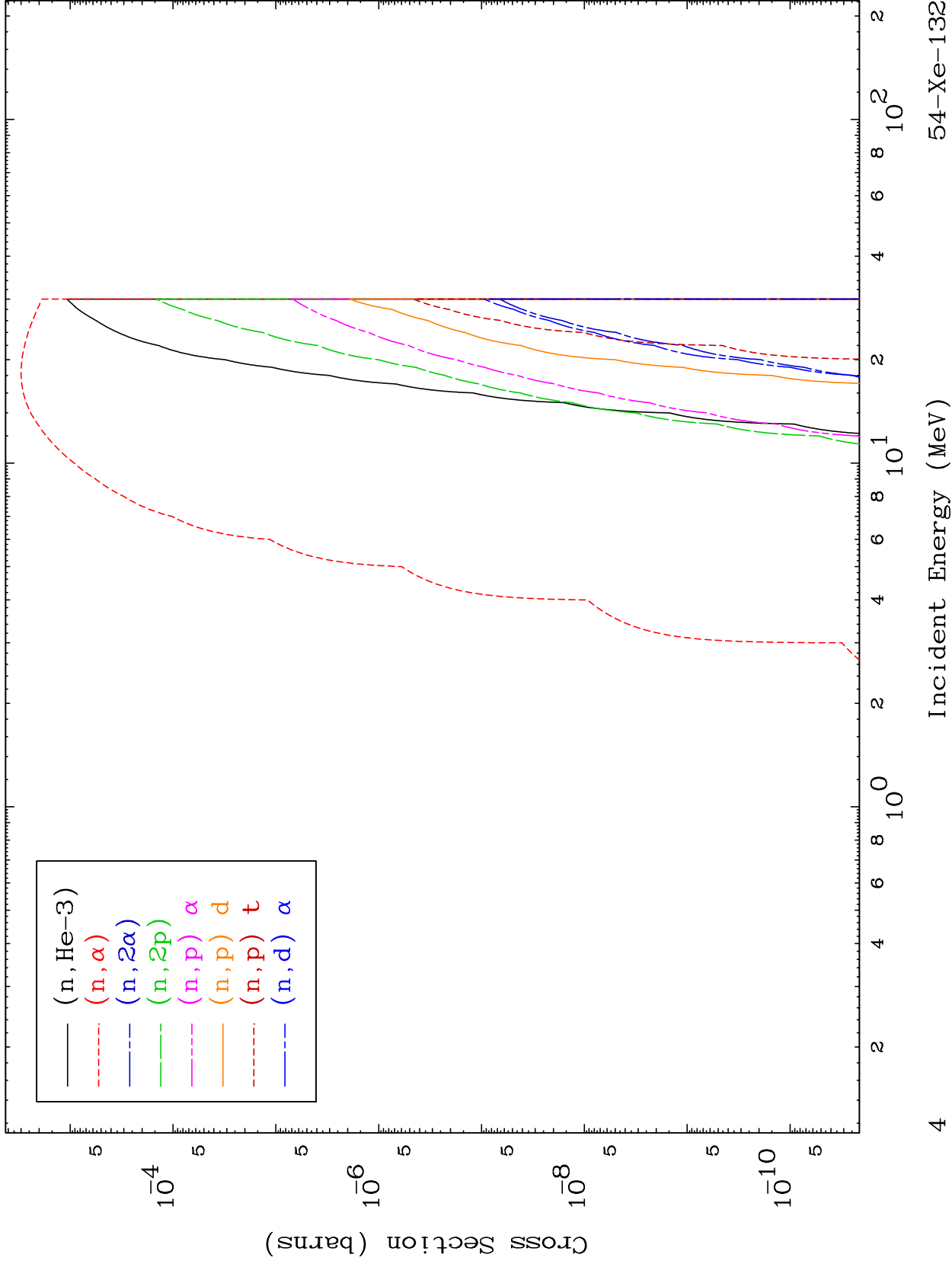
MAT 5449

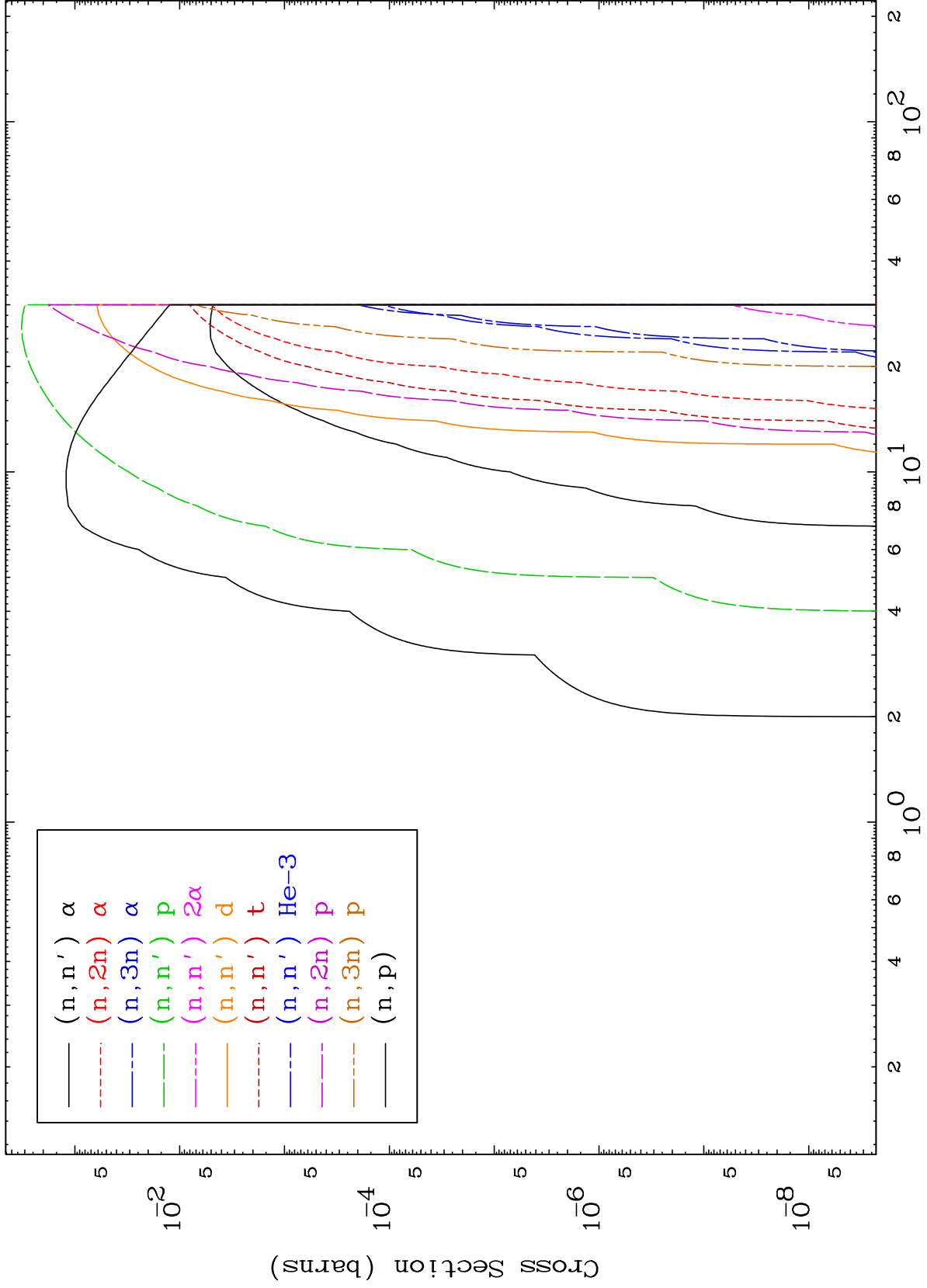
Deuteron Neutron Absorption
0 Kelvin Cross Sections

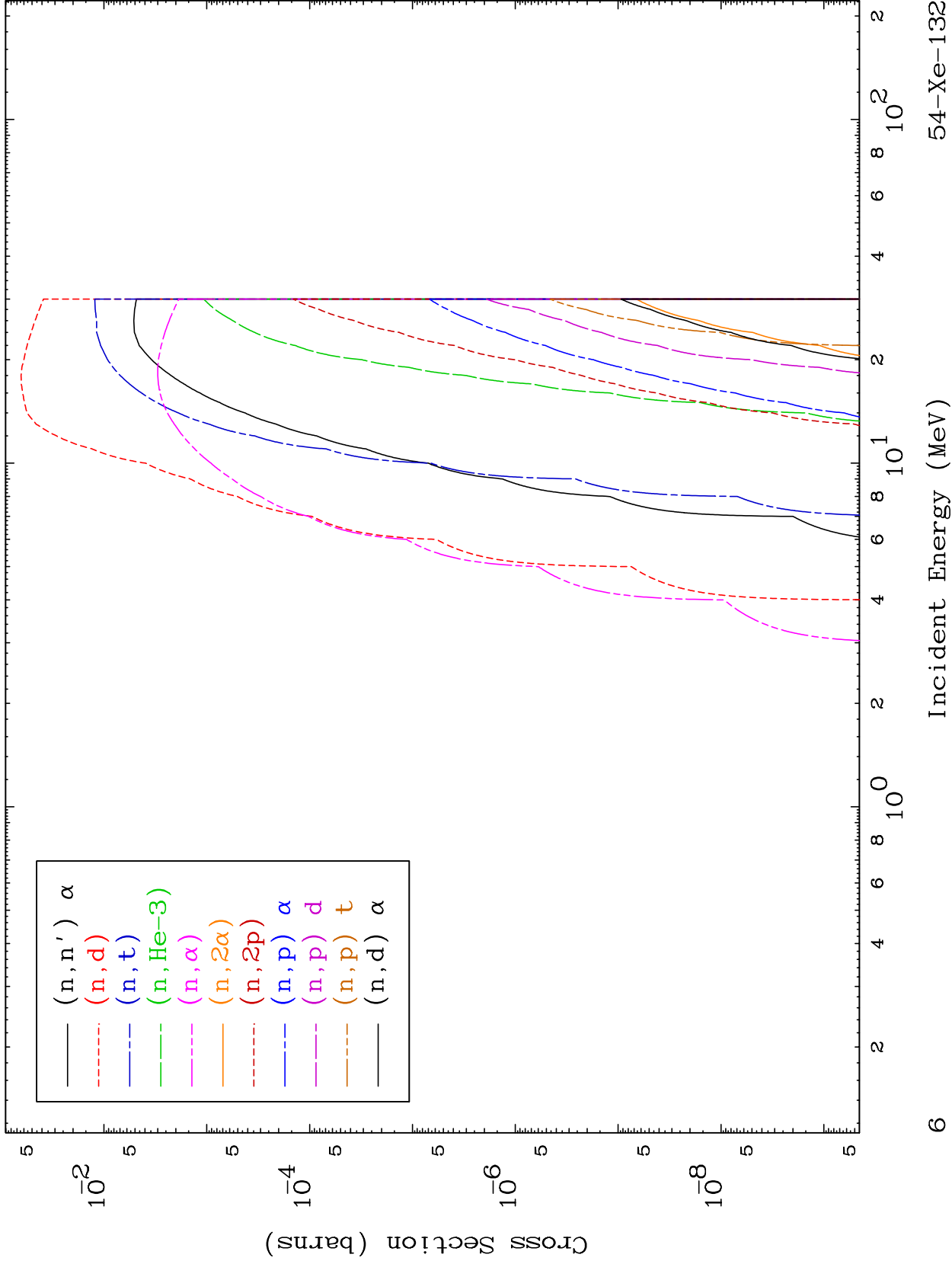
54-Xe-132







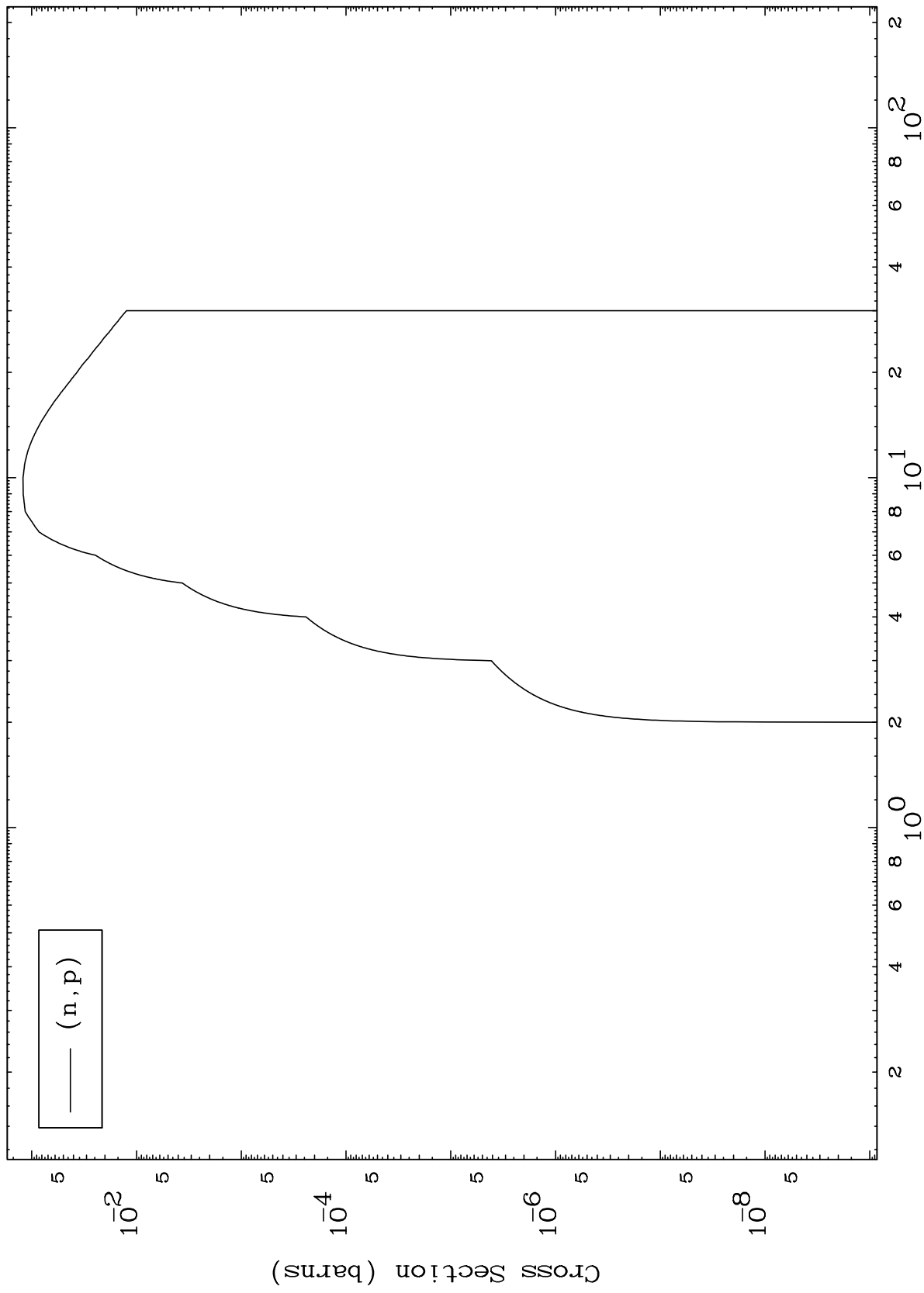




MAT 5449

54-Xe-132

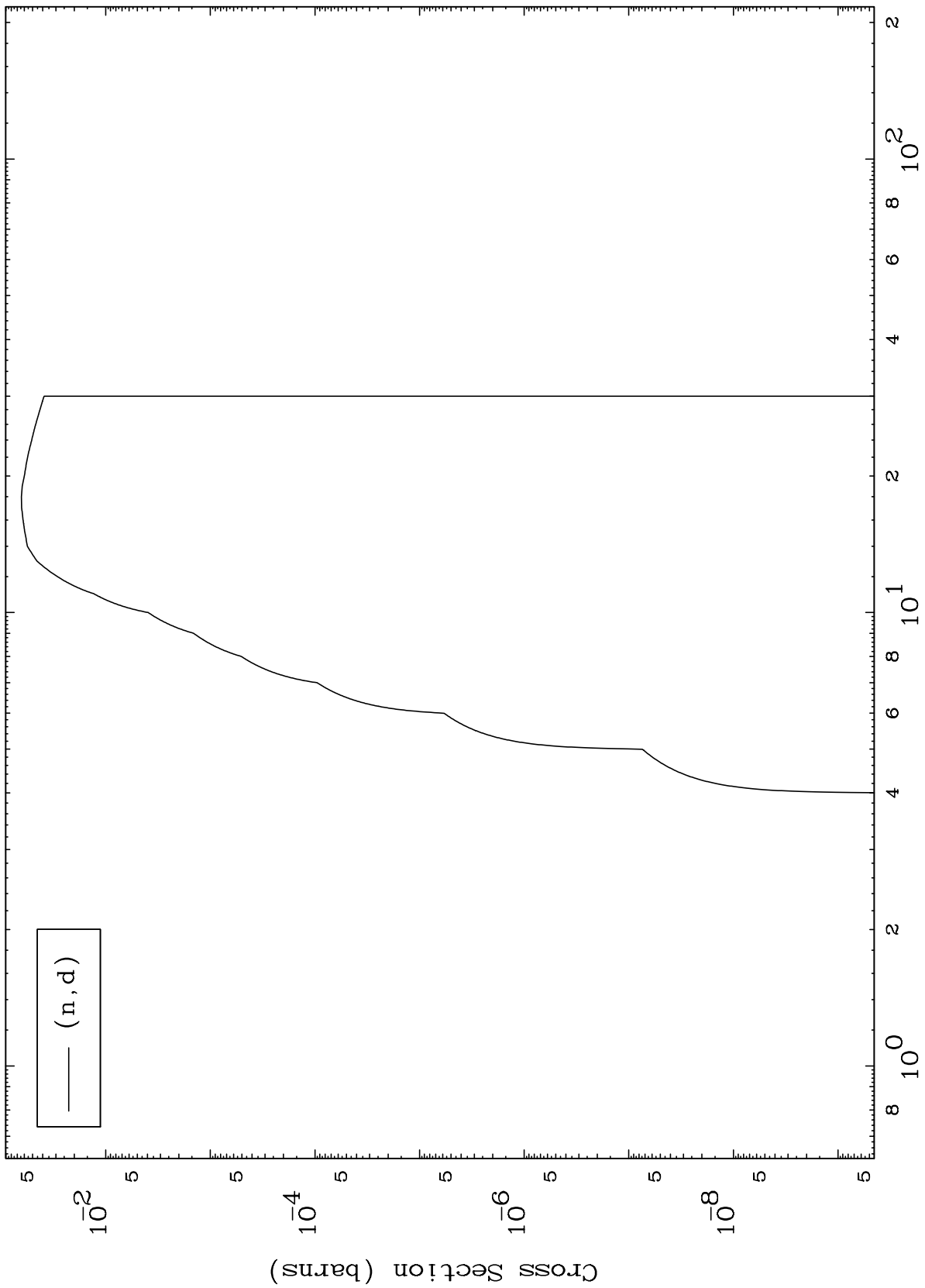
(d,p) Levels
0 Kelvin Cross Sections



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54-Xe-132

(d,d) Levels
0 Kelvin Cross Sections



8

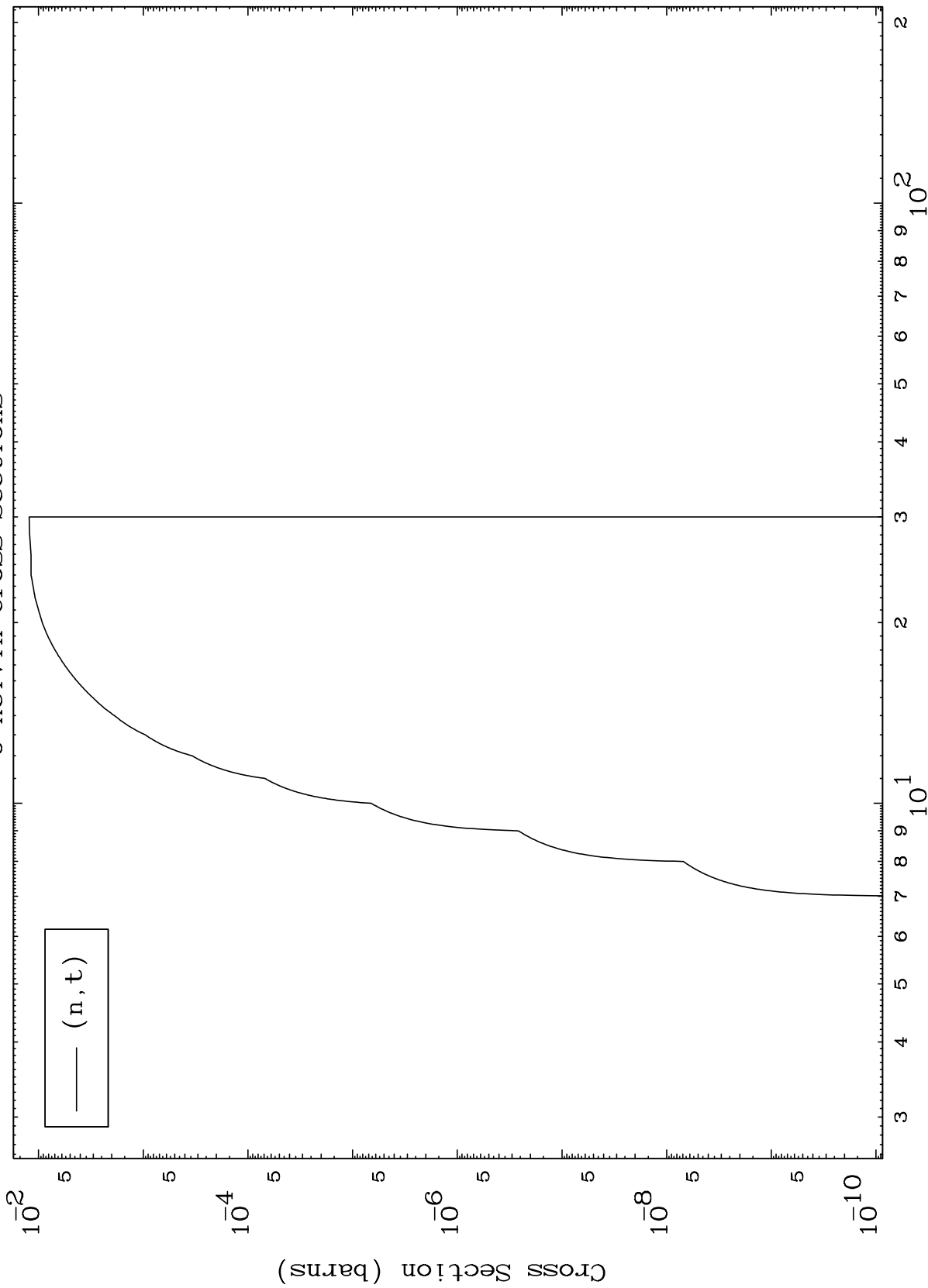
Incident Energy (MeV)

54-Xe-132

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54-Xe-132

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

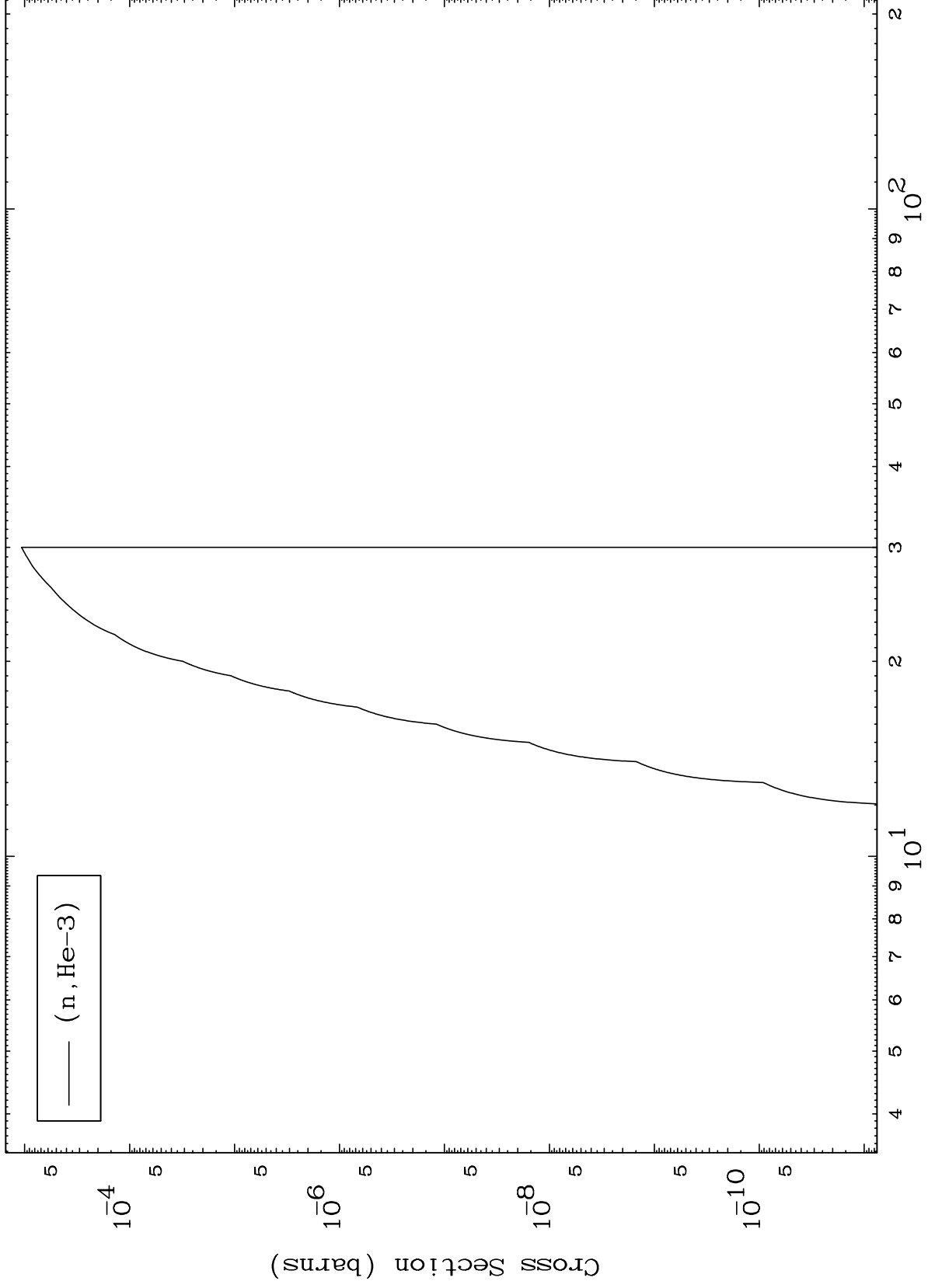
54-Xe-132

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(d,He3) Levels

54-Xe-132

0 Kelvin Cross Sections



10

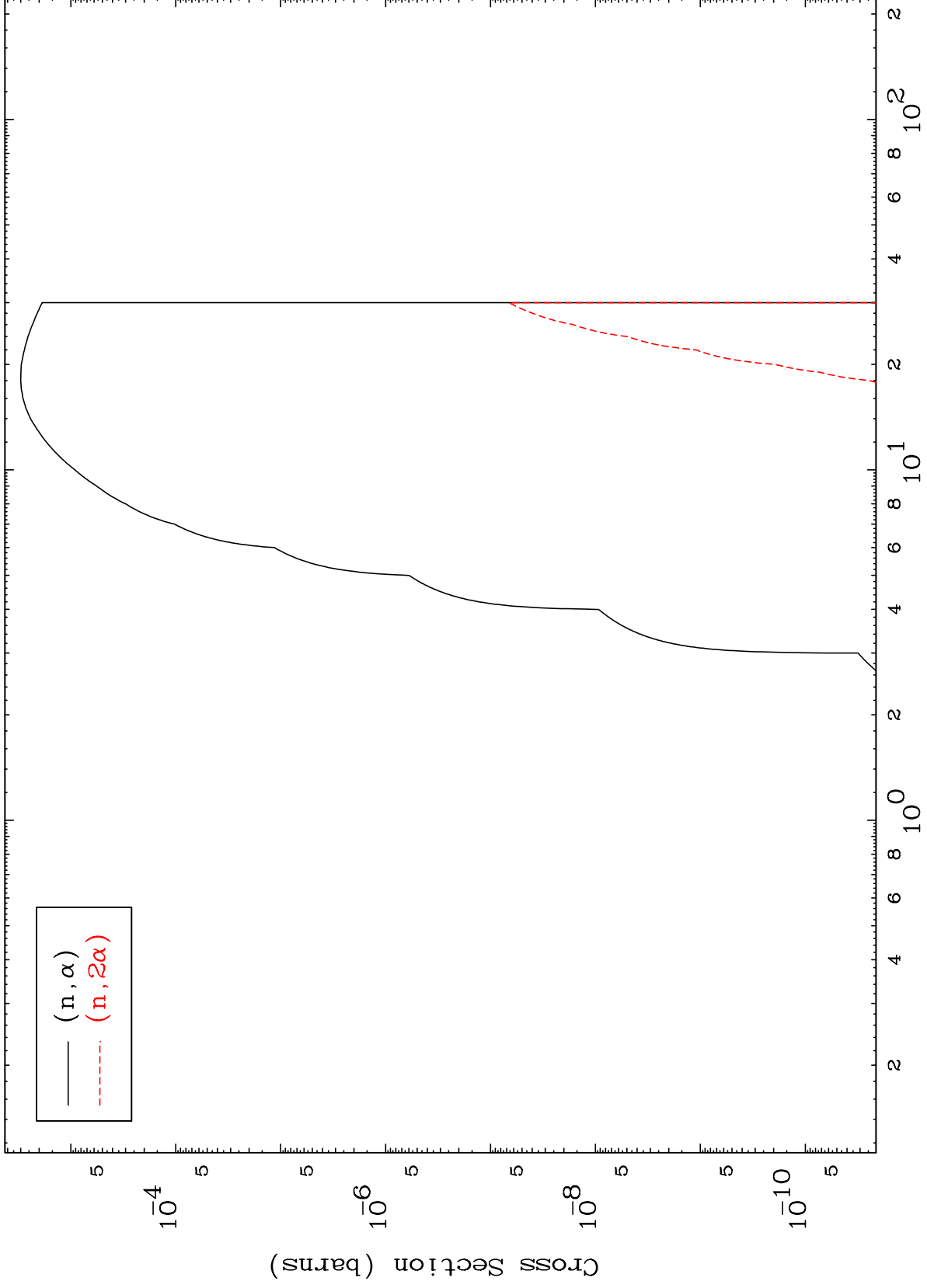
Incident Energy (MeV)

54-Xe-132

MAT 5449

(d, α) Levels
0 Kelvin Cross Sections

54-Xe-132

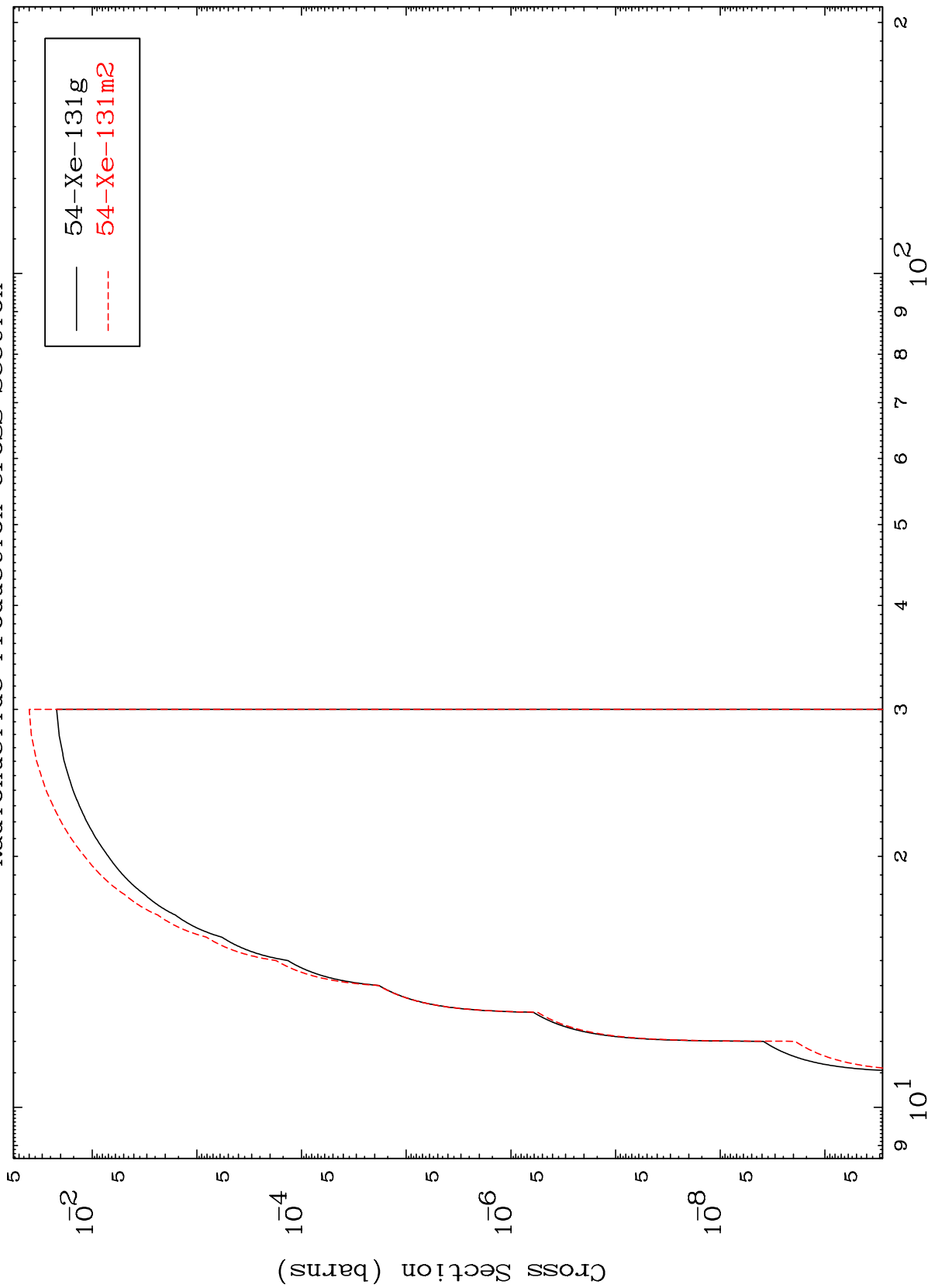


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(n,n') d

54-Xe-132

Radionuclide Production Cross Section



12

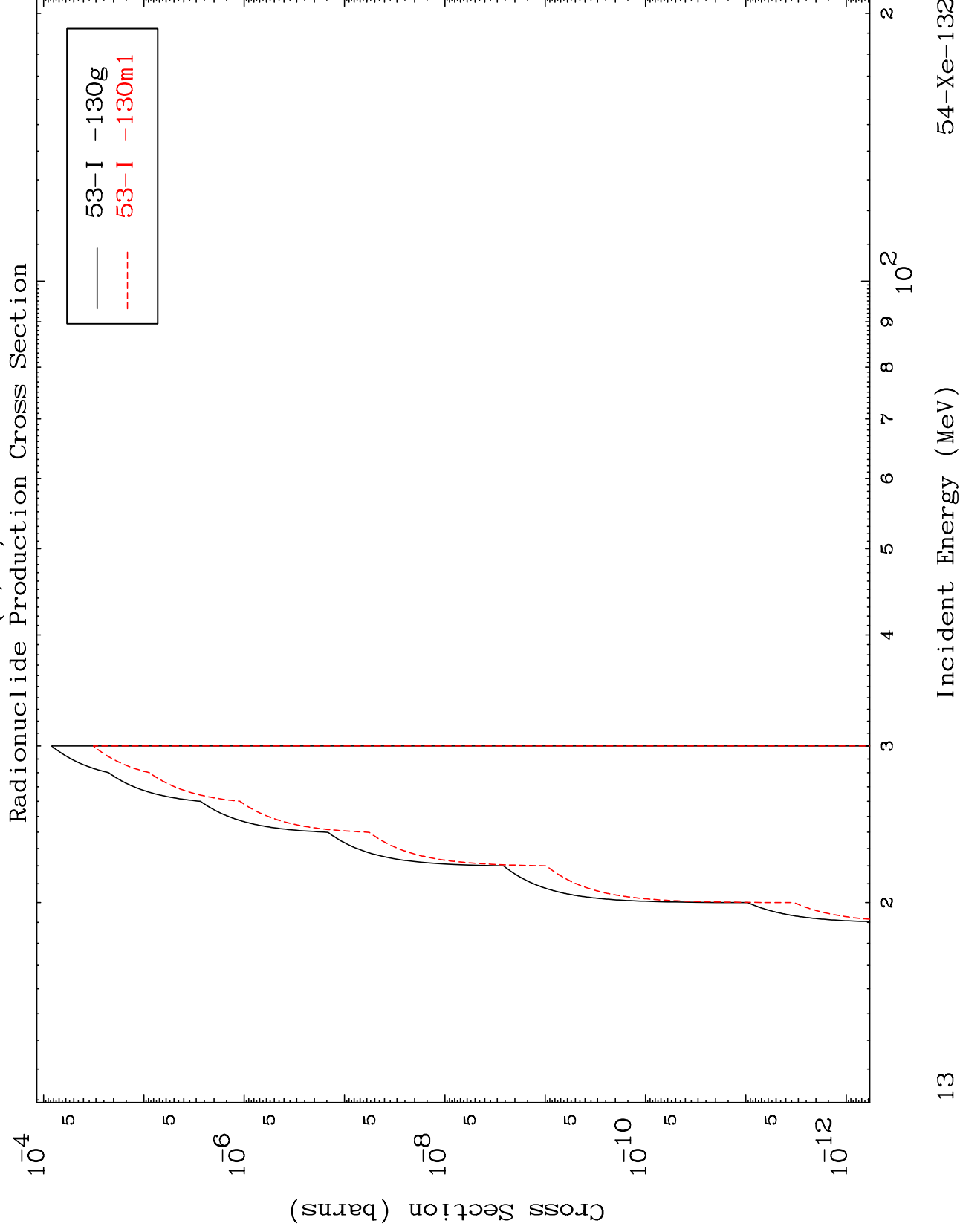
Incident Energy (MeV)

54-Xe-132

MAT 5449

(n,n') He-3

54-Xe-132



13

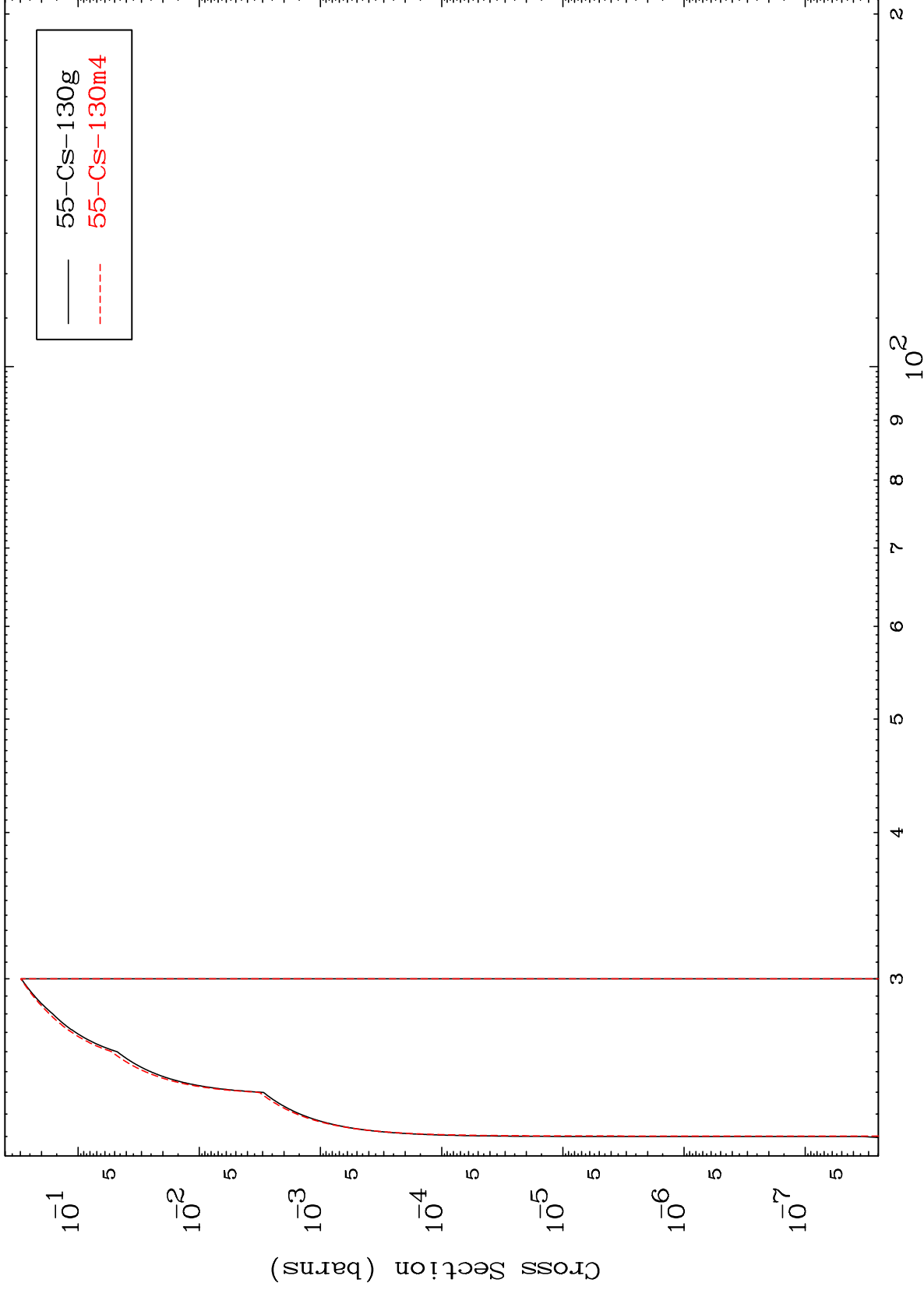
54-Xe-132

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(n,4n)

54-Xe-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

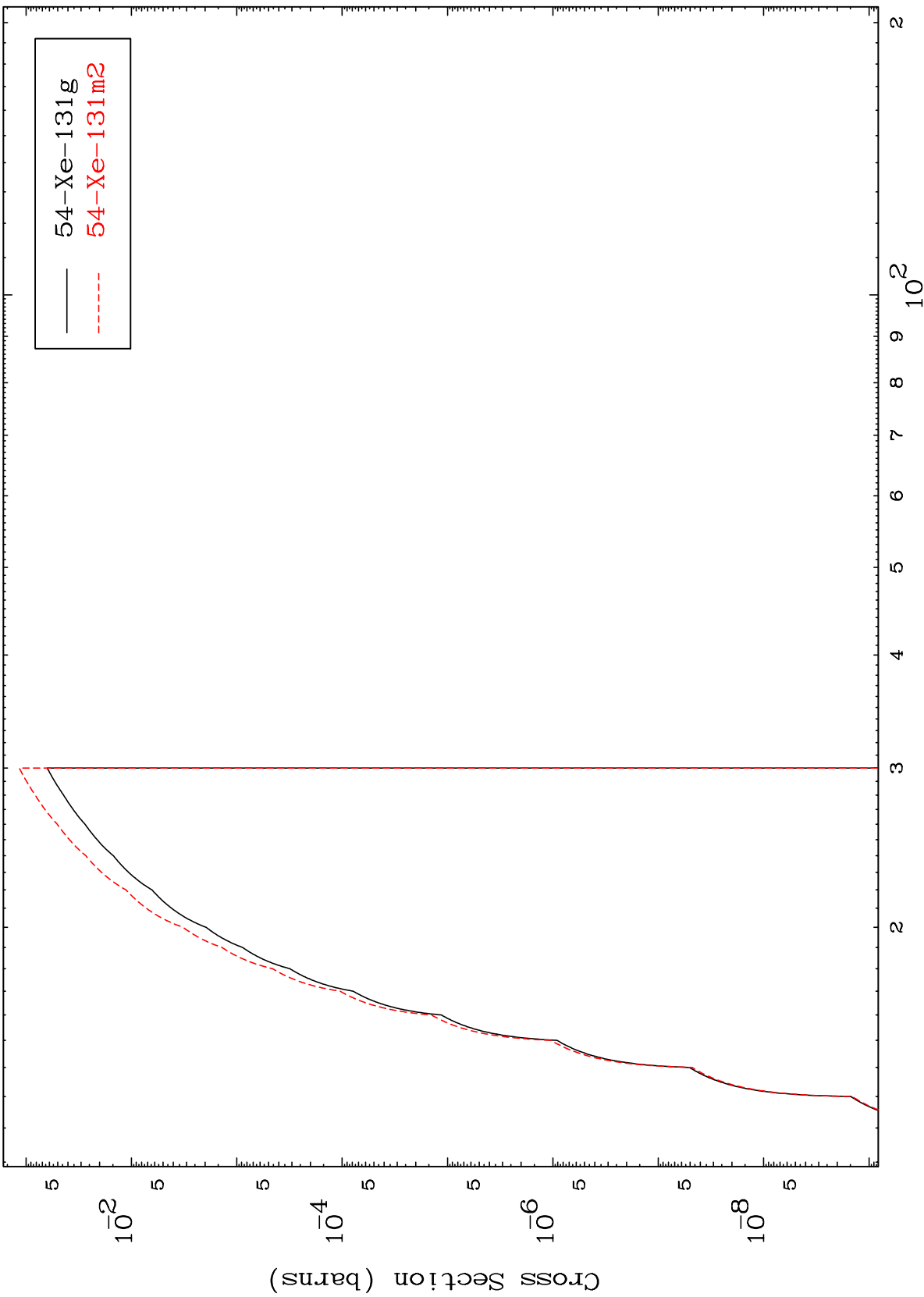
54-Xe-132

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(n,2n) p

54-Xe-132

Radionuclide Production Cross Section



15

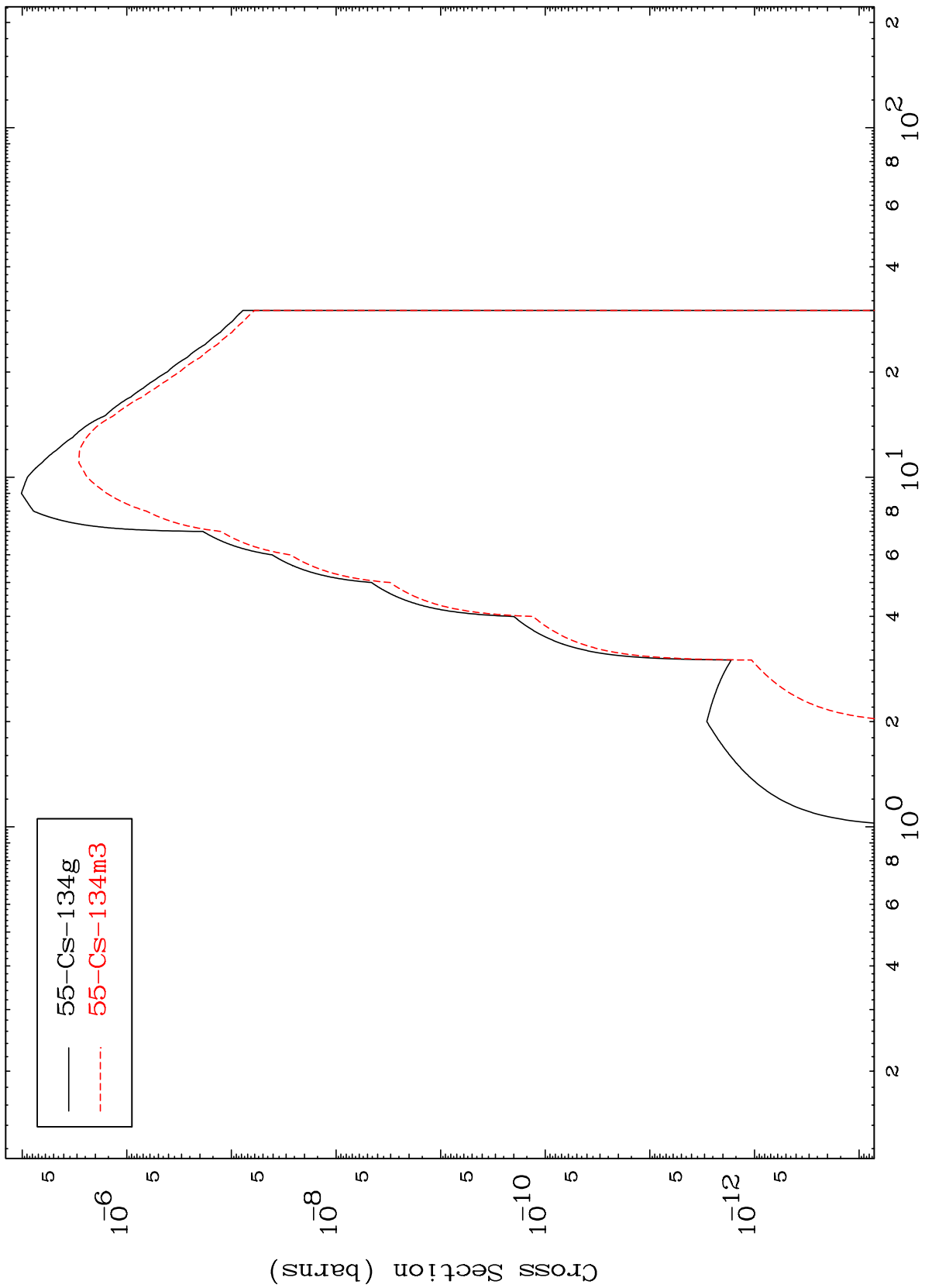
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

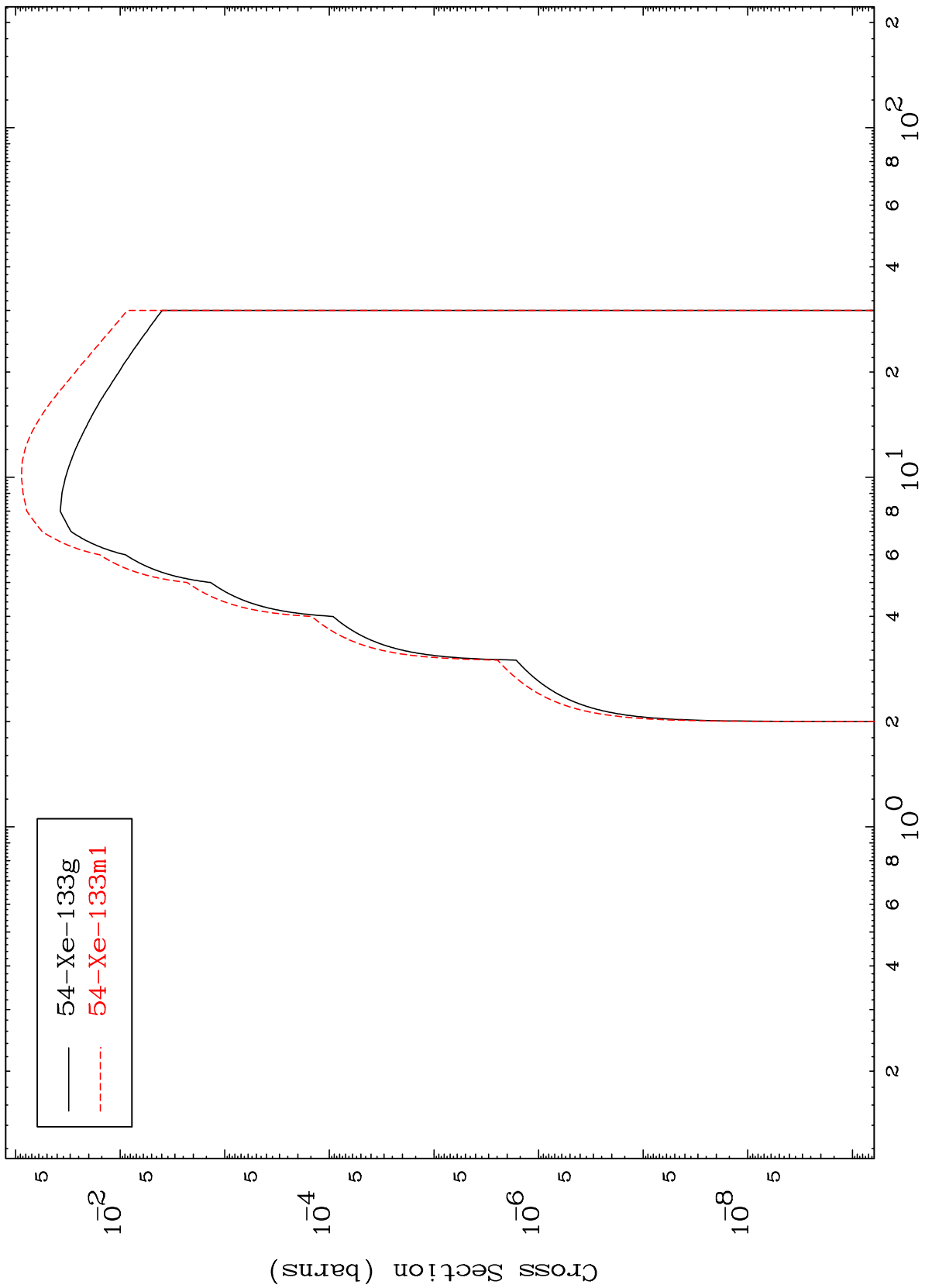
(n, γ)
Radionuclide Production Cross Section



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54-Xe-132

(n,p)
Radionuclide Production Cross Section



54-Xe-133g
54-Xe-133m1

54-Xe-132

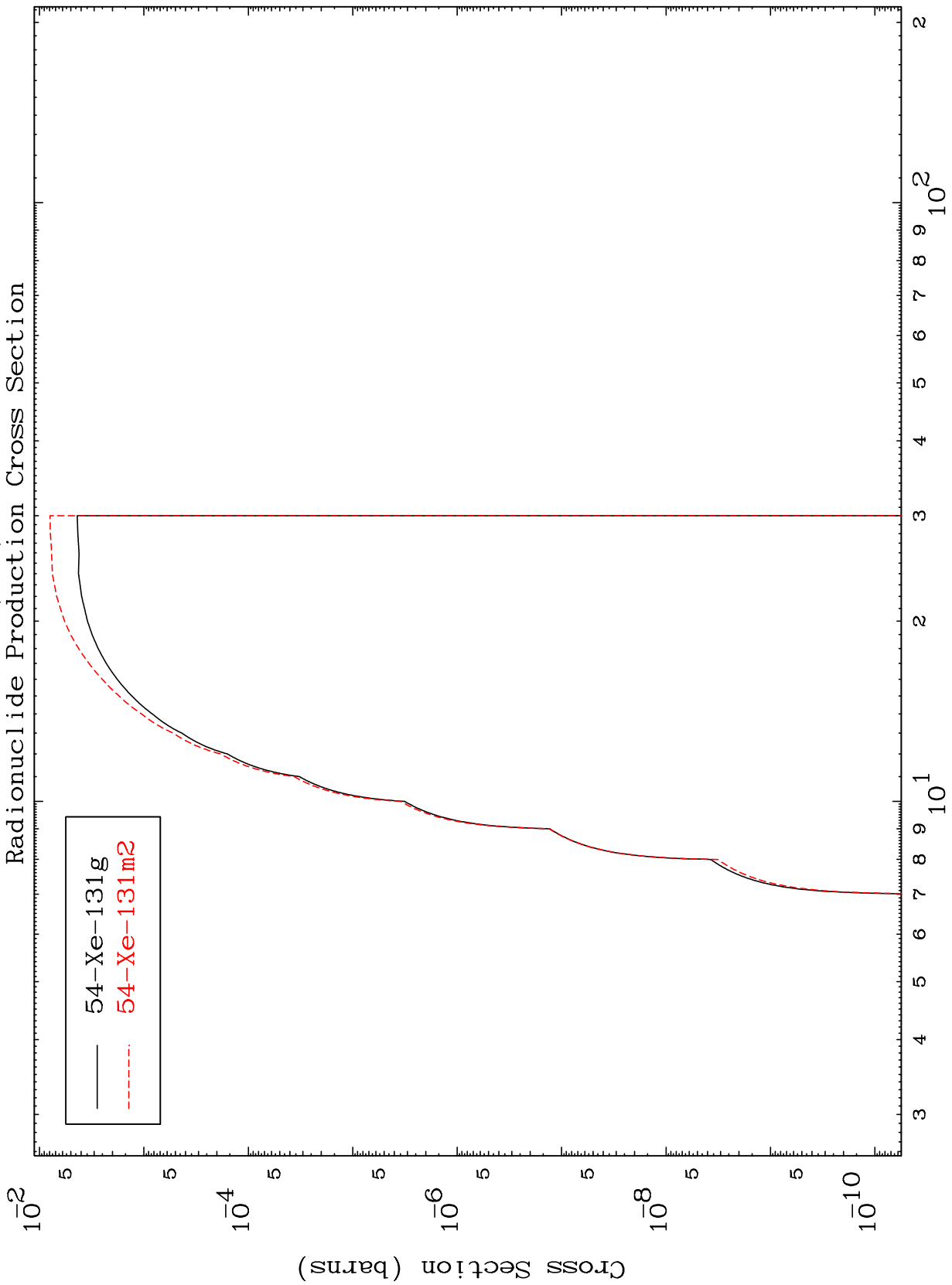
Incident Energy (MeV)

17

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54-Xe-132

(n, t)
Radionuclide Production Cross Section



54-Xe-132

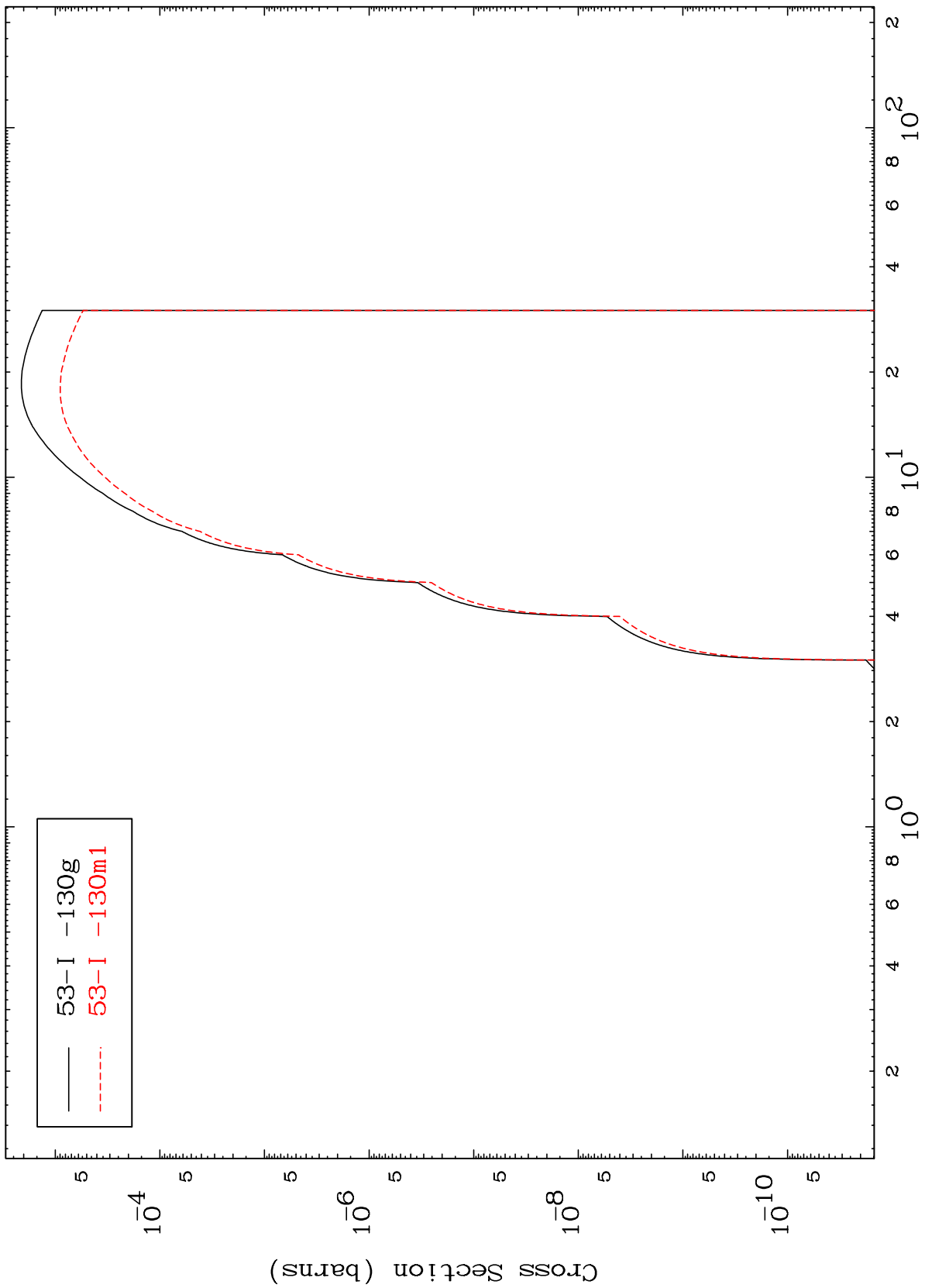
Incident Energy (MeV)

18

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54-Xe-132

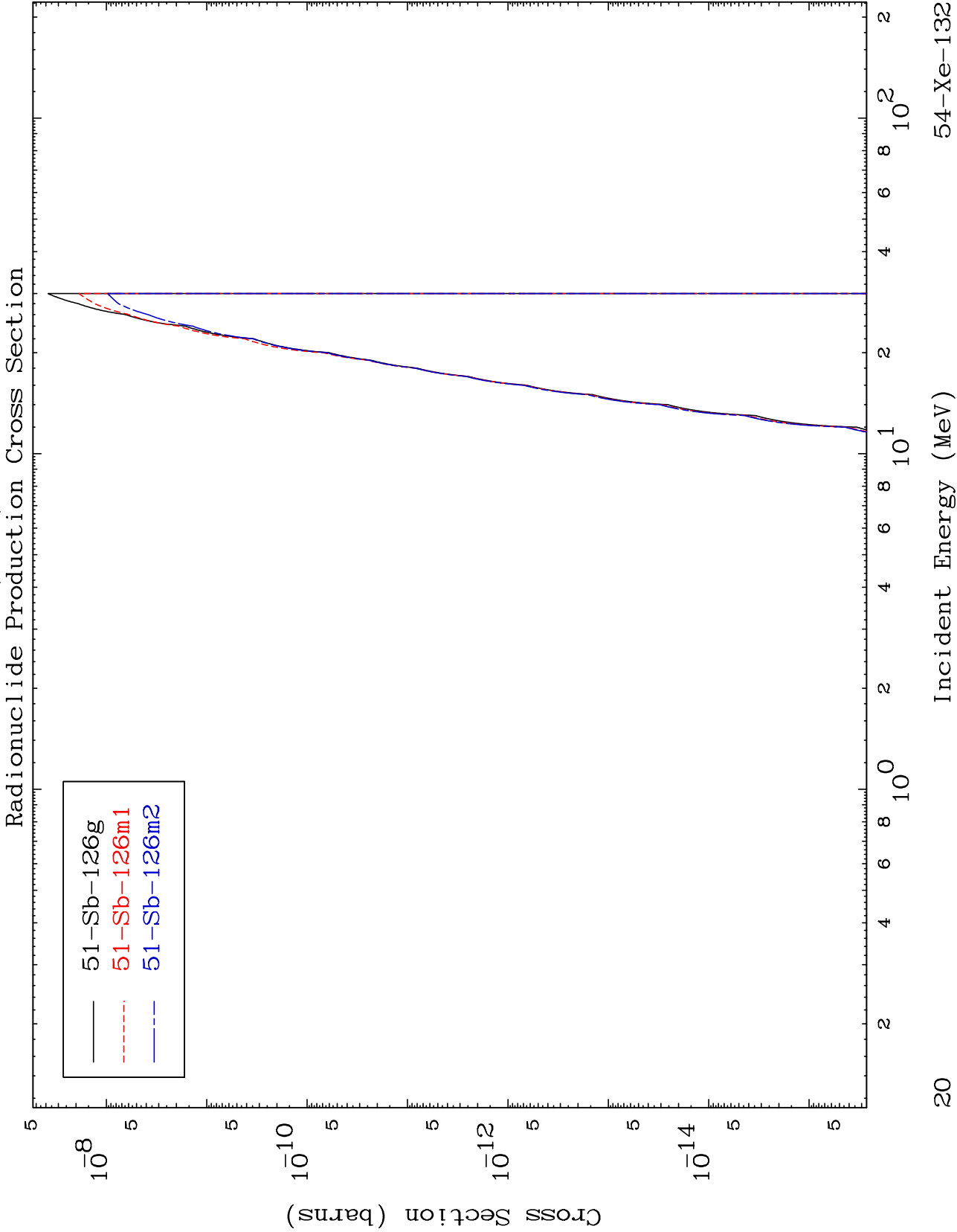
(n, α)
Radionuclide Production Cross Section



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(n,2α)

54-Xe-132

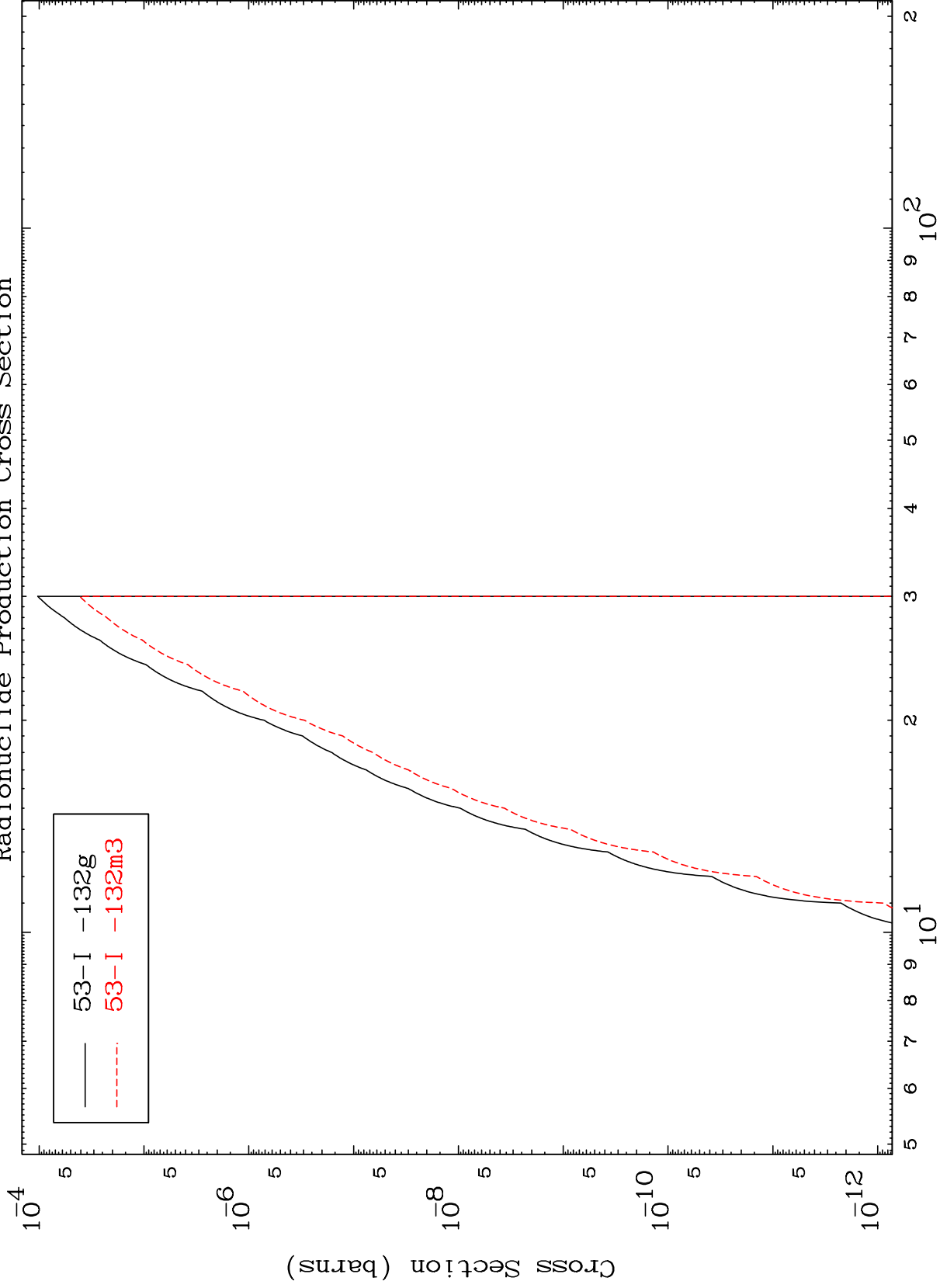


51-Sb-126g
51-Sb-126m1
51-Sb-126m2

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54-Xe-132

(n,2p)
Radionuclide Production Cross Section



21

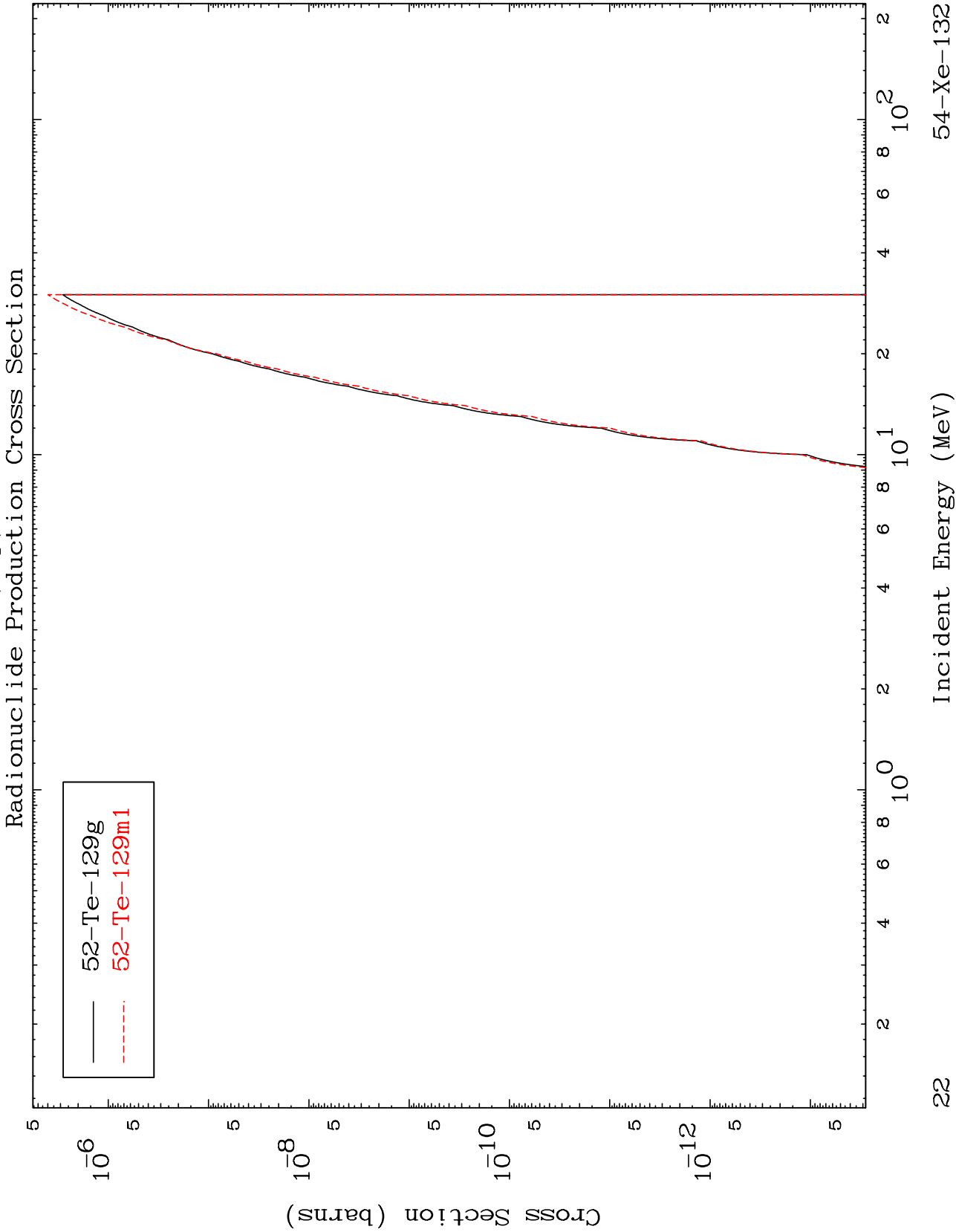
Incident Energy (MeV)

54-Xe-132

MAT 5449

(n,p) α

54-Xe-132



Radionuclide Production Cross Section

