

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

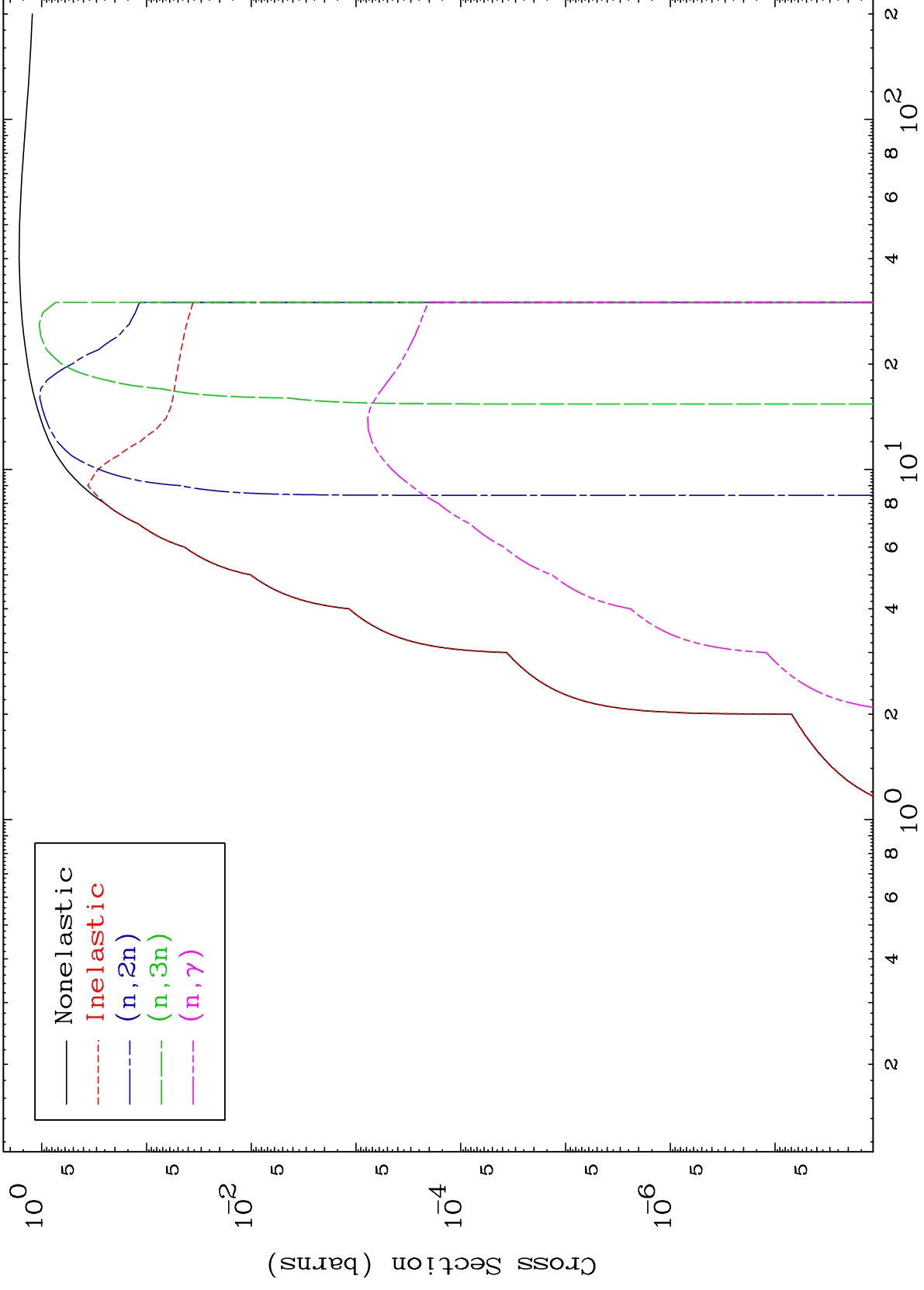
Press Mouse Button to Start

MAT 5458

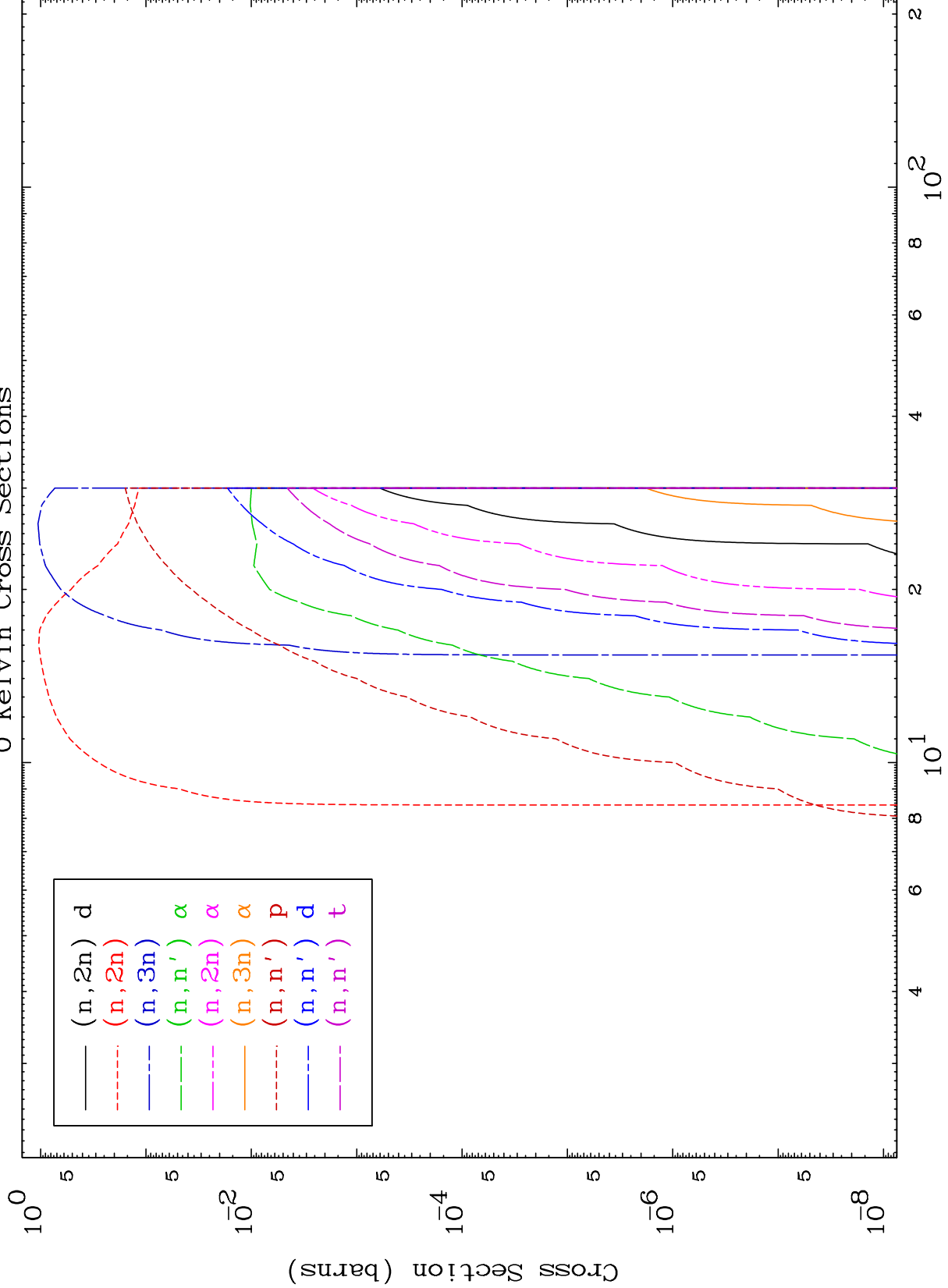
Proton Major

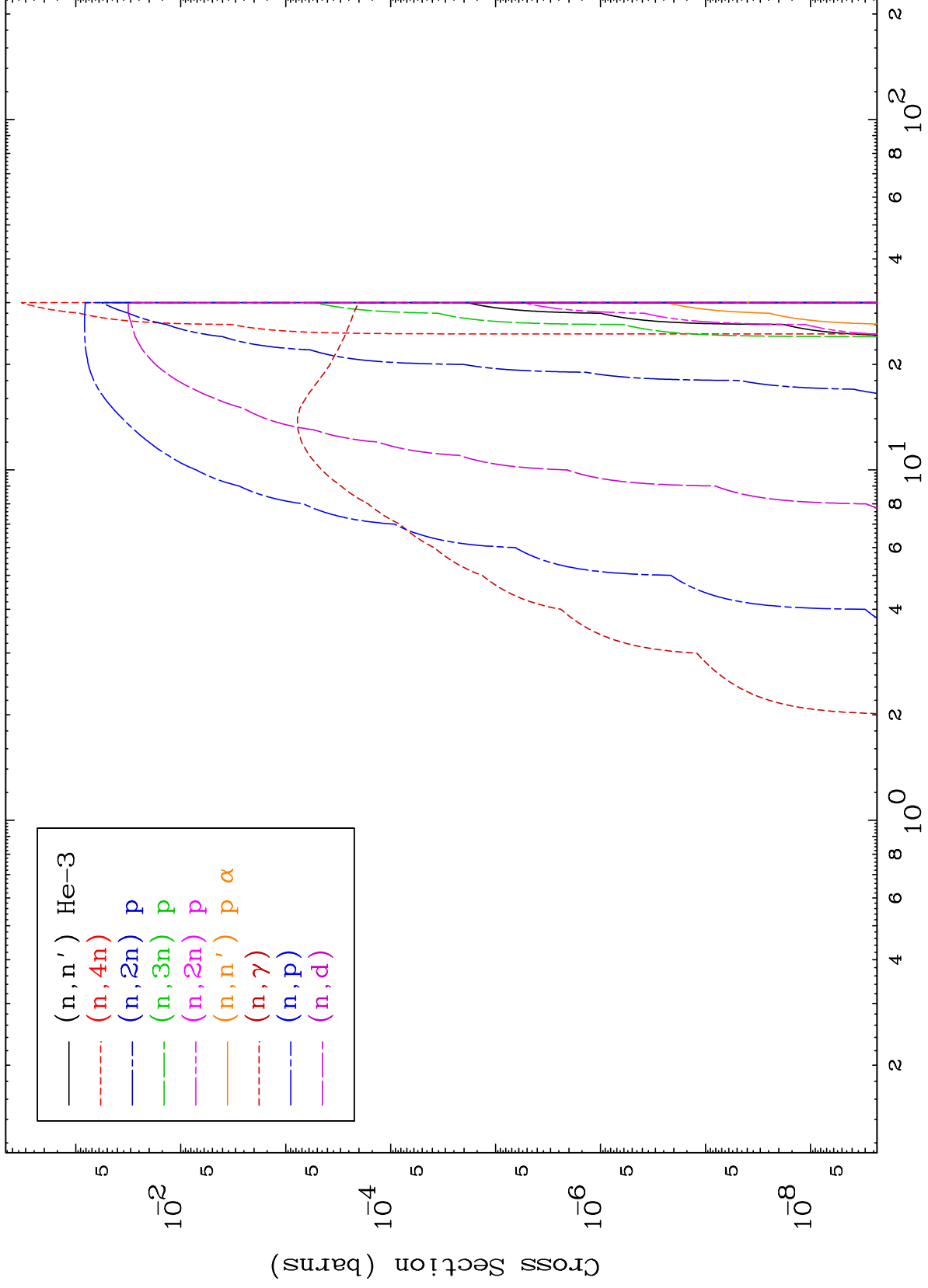
54-Xe-135

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n, γ)

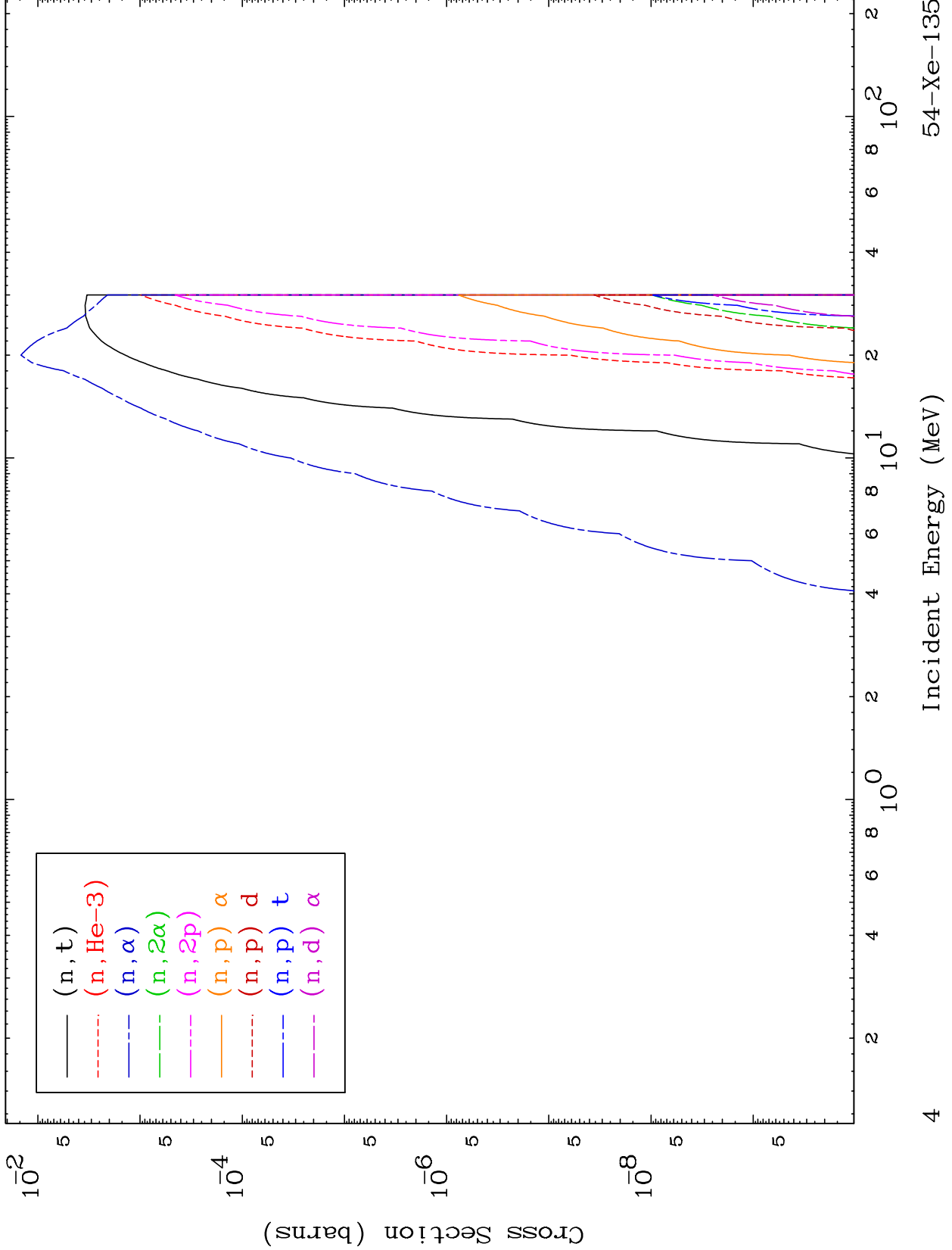


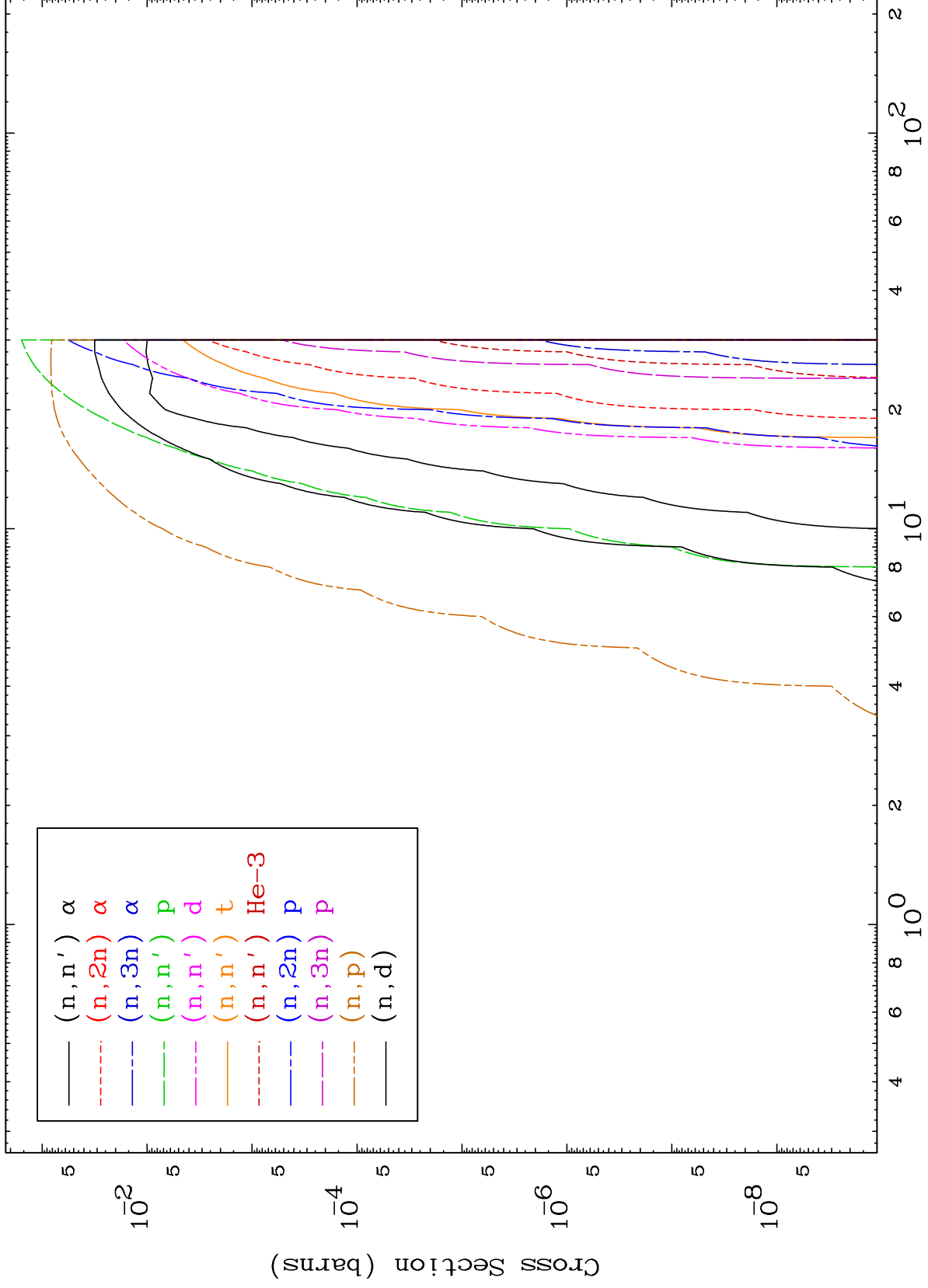


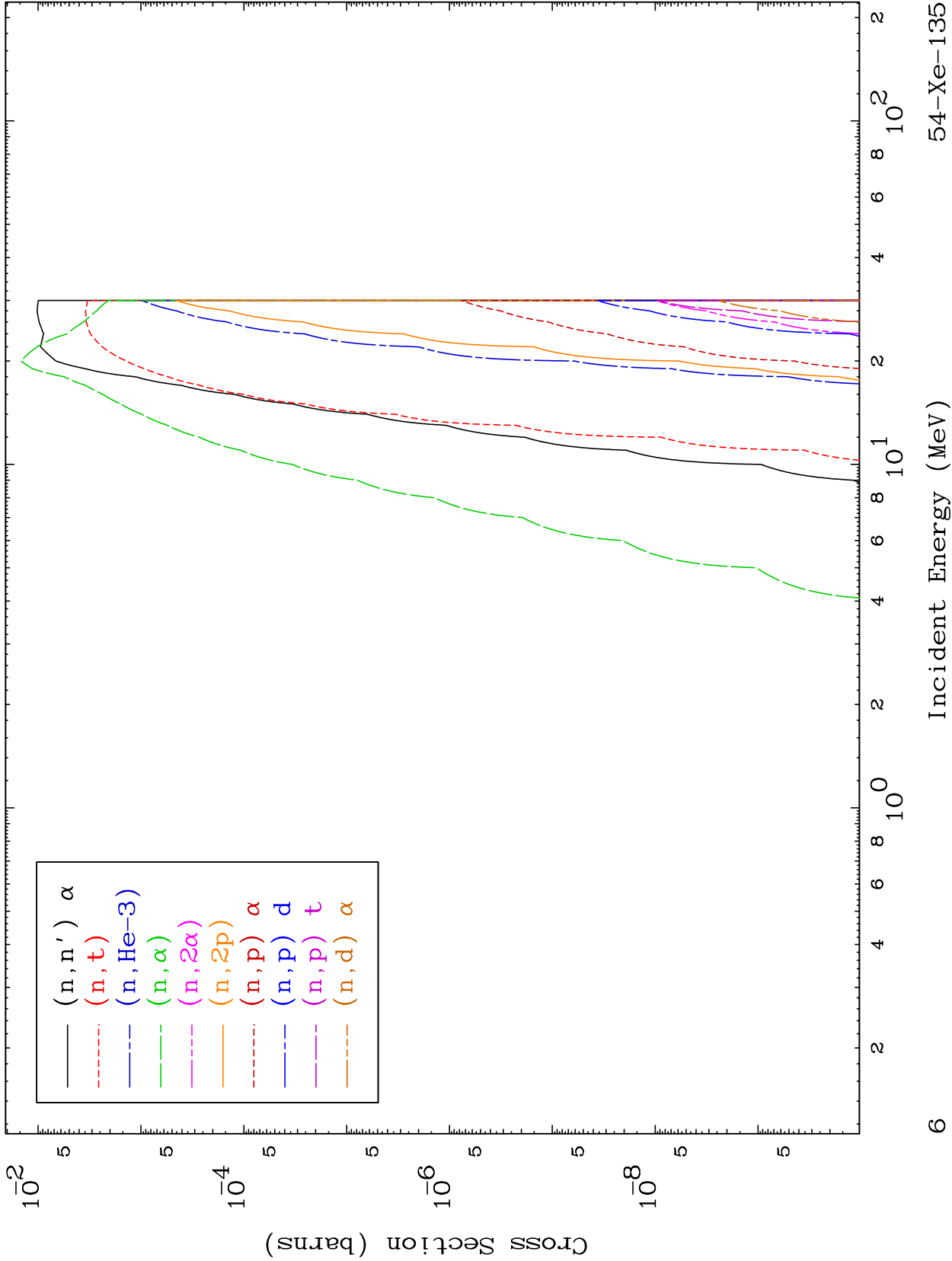
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Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-135



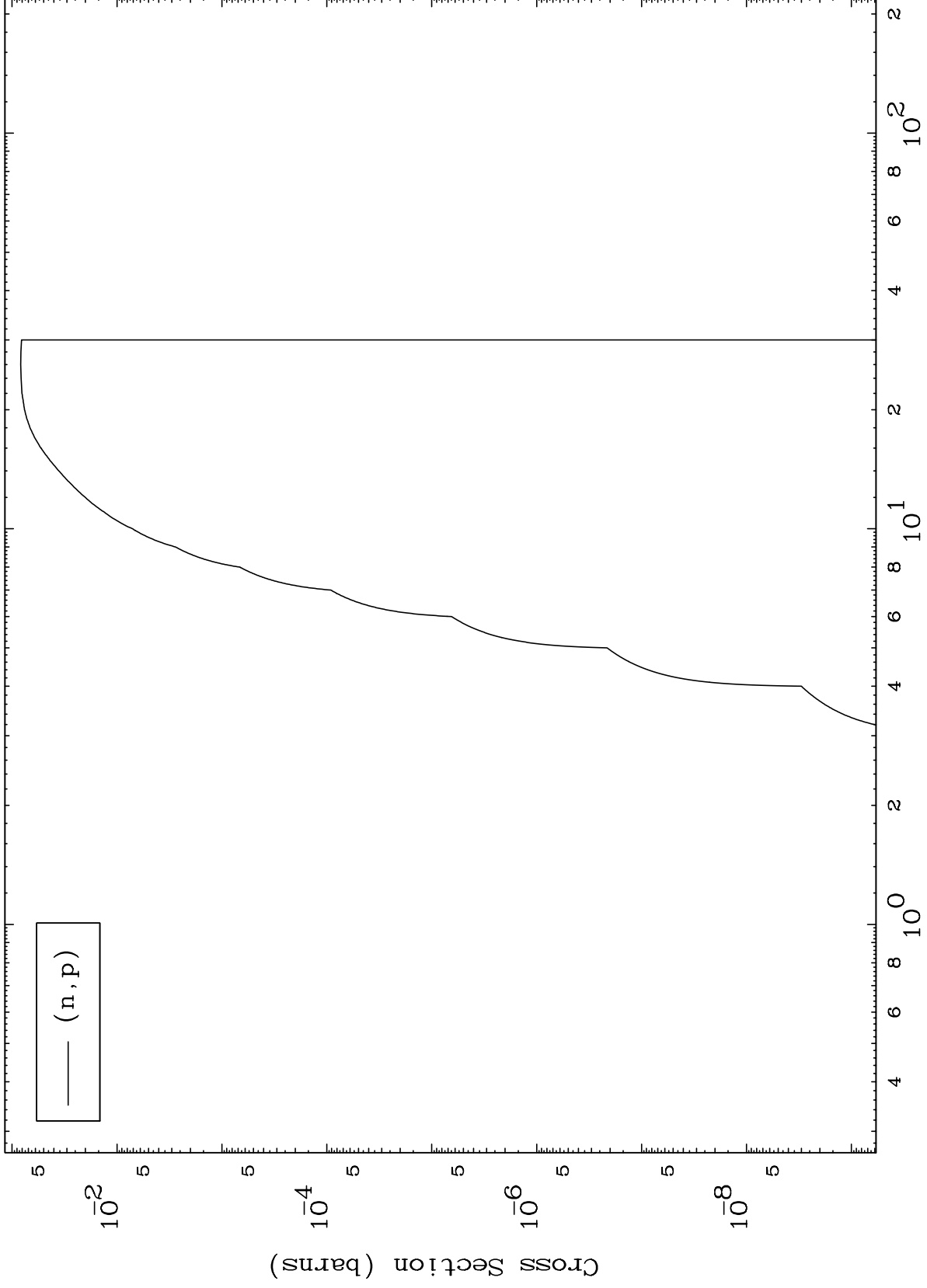




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54-Xe-135

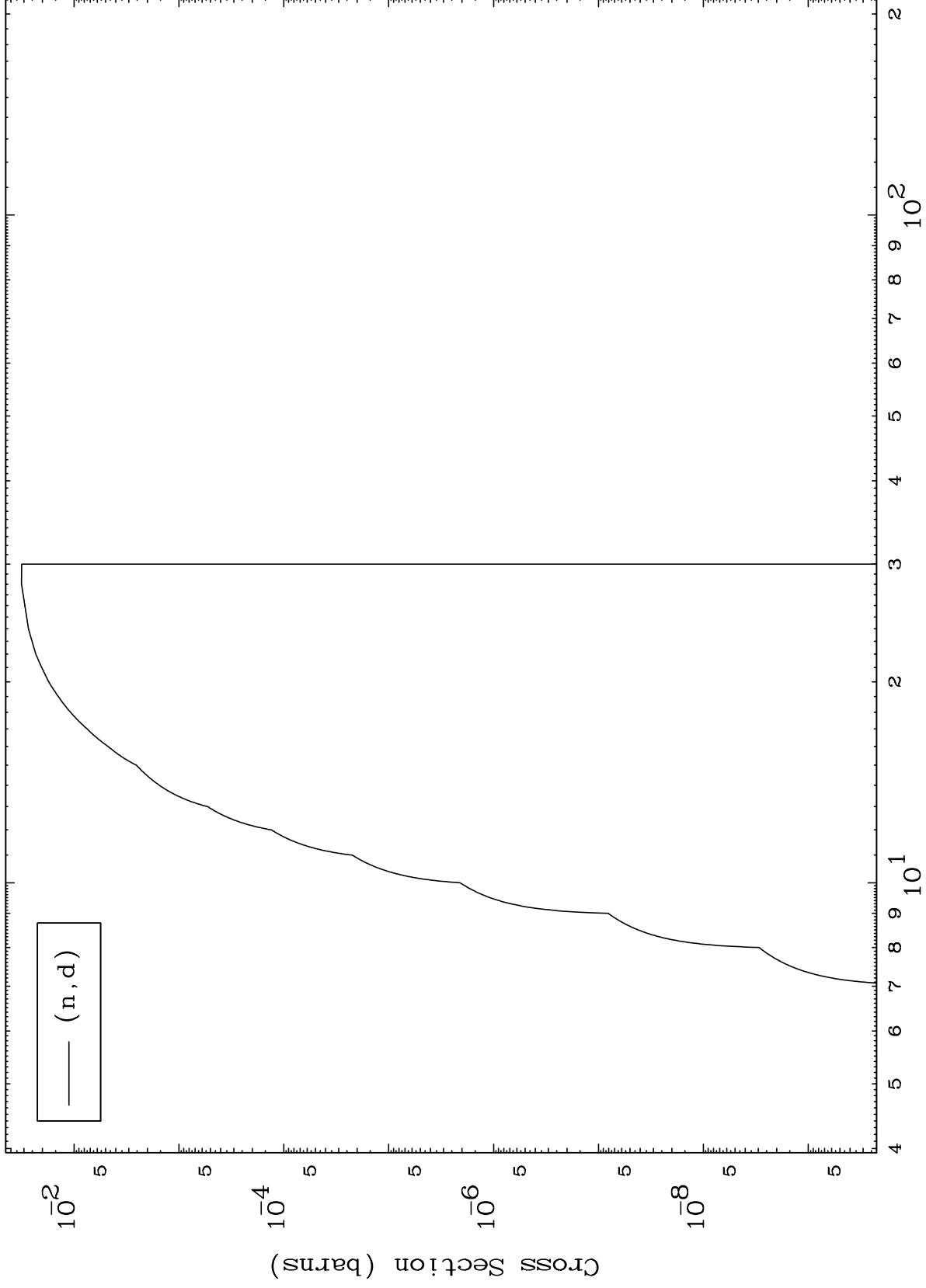
(p,p) Levels
0 Kelvin Cross Sections



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(p,d) Levels
0 Kelvin Cross Sections

54-Xe-135



8

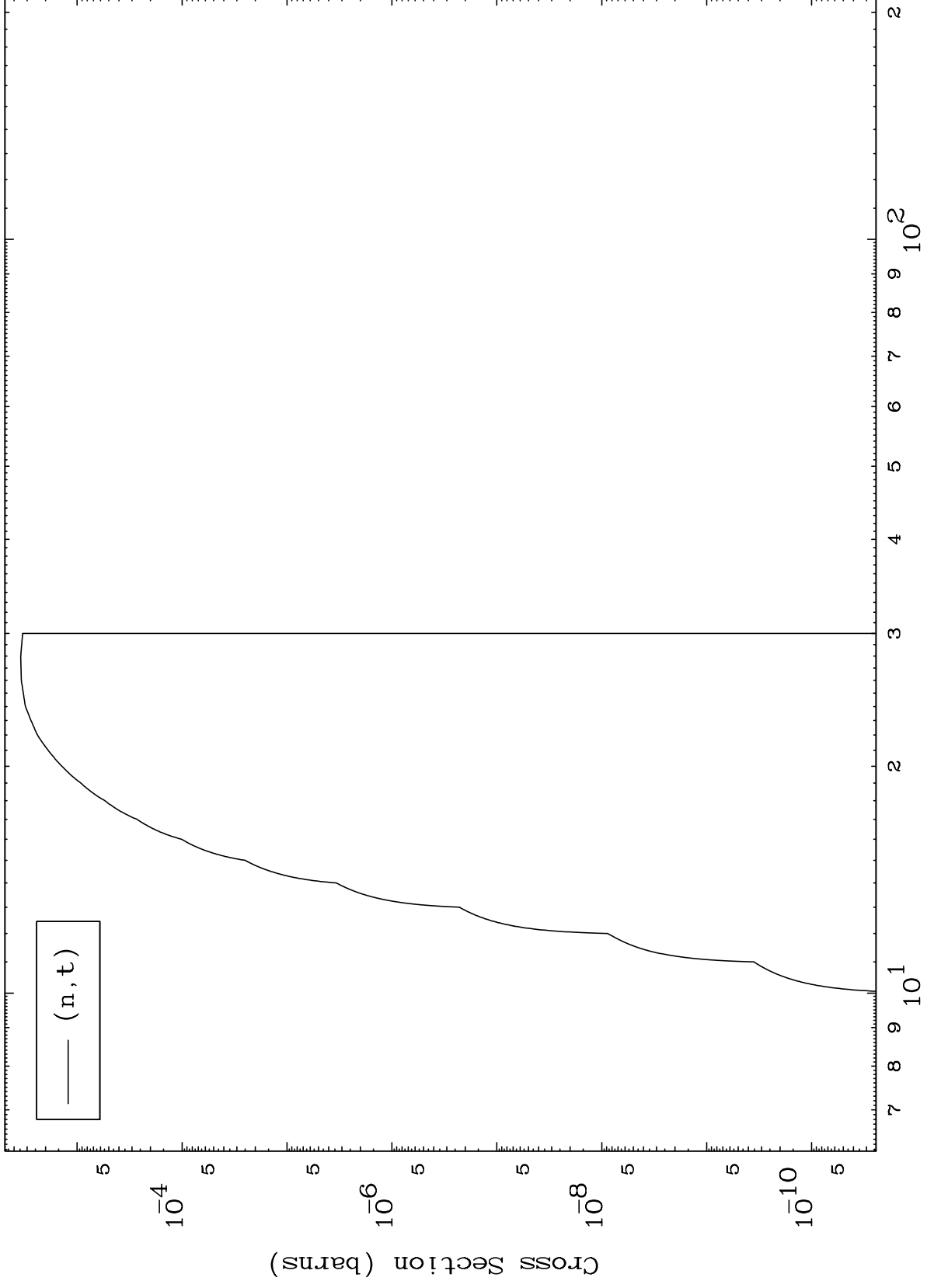
Incident Energy (MeV)

54-Xe-135

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(p,t) Levels
0 Kelvin Cross Sections

54-Xe-135



9

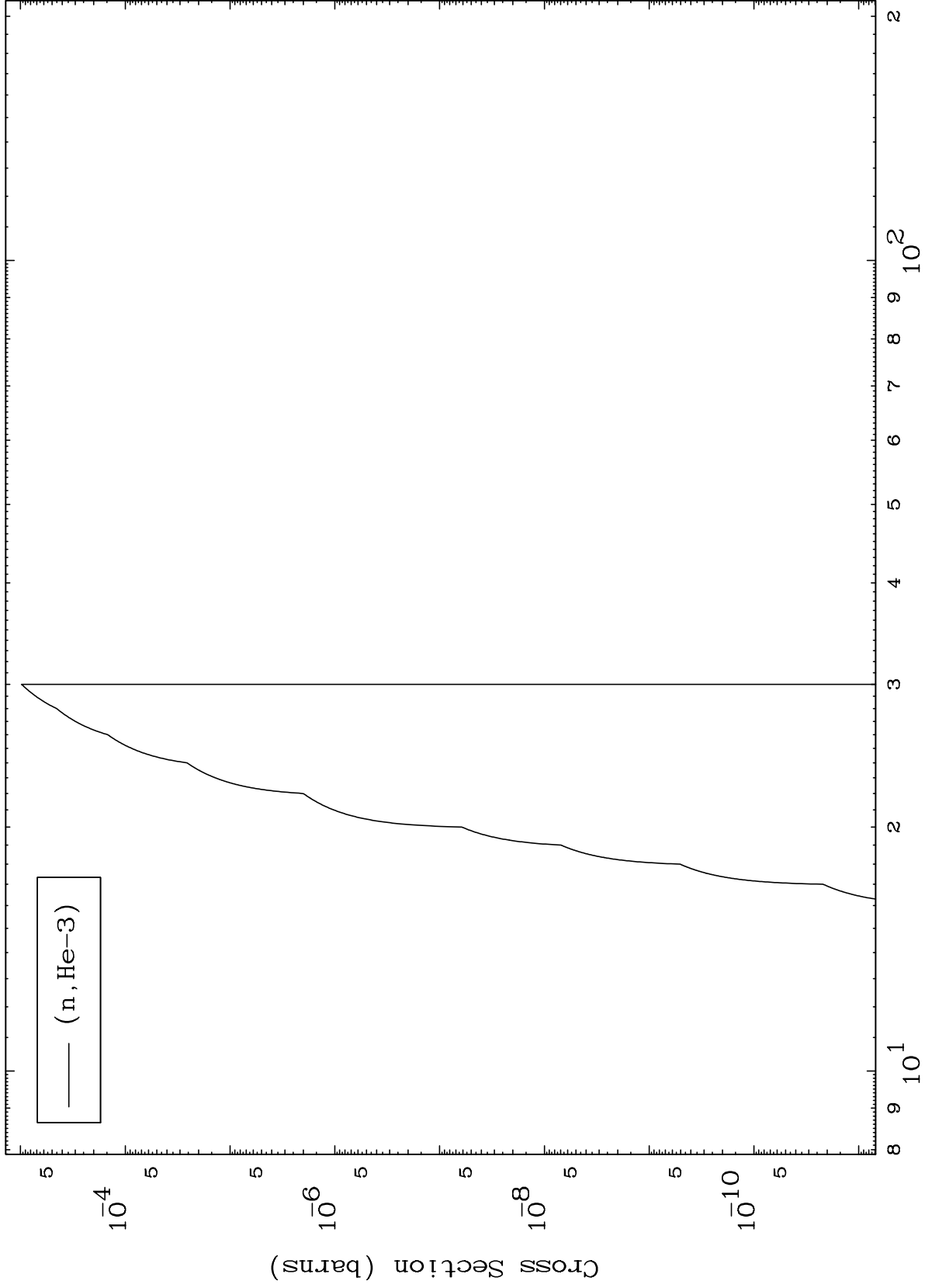
Incident Energy (MeV)

54-Xe-135

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(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-135



10

Incident Energy (MeV)

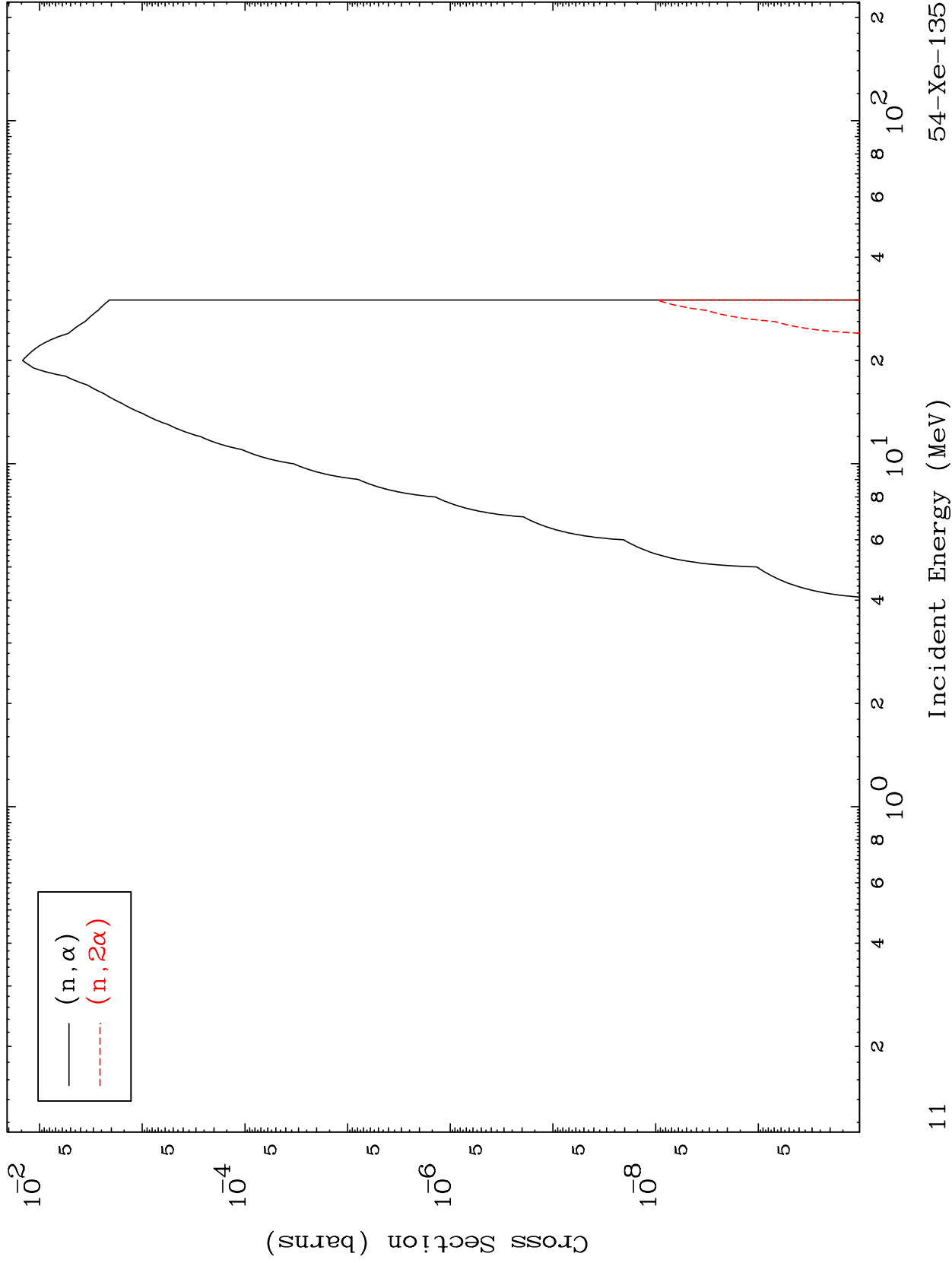
54-Xe-135

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(p, α) Levels

54-Xe-135

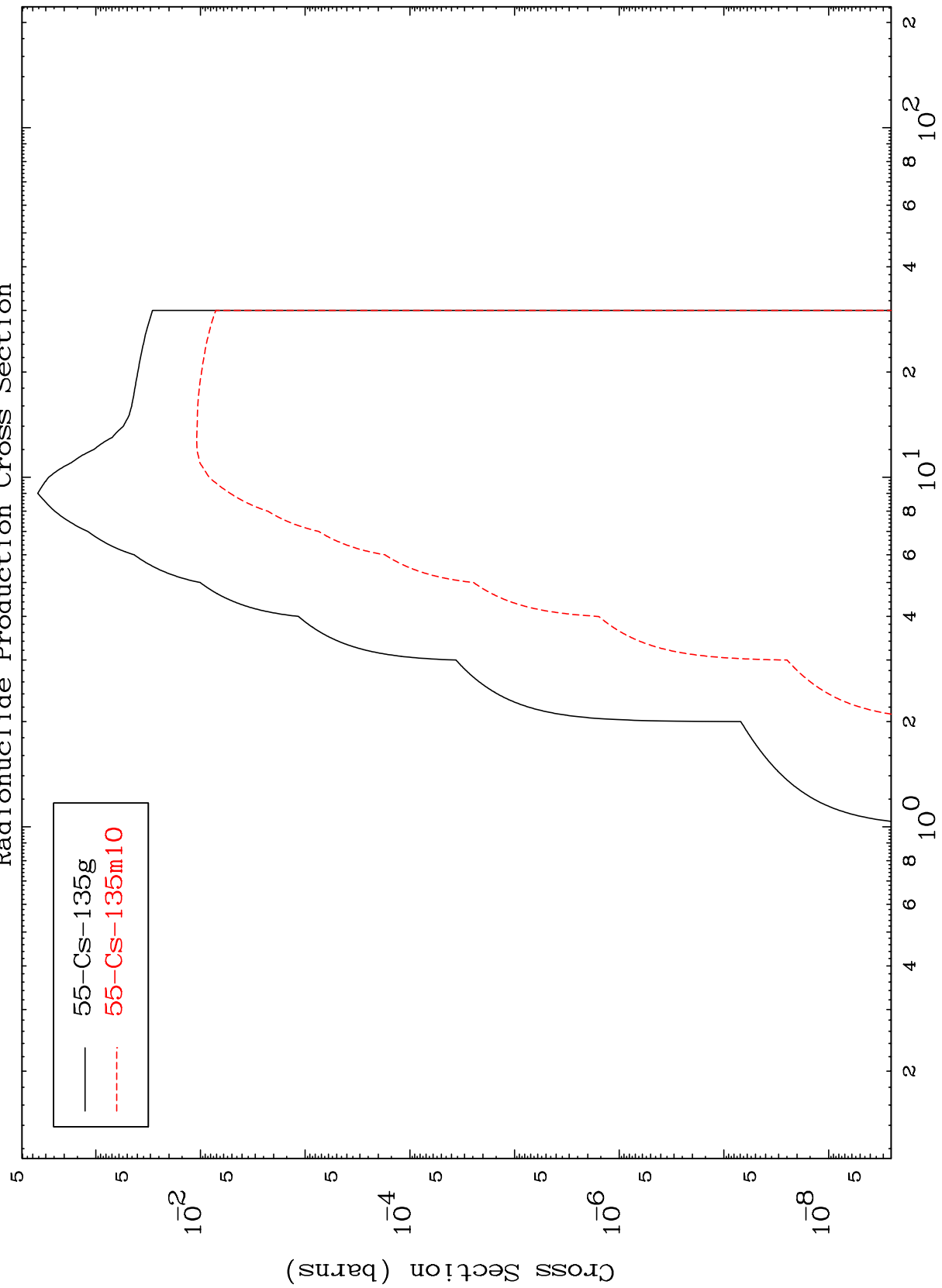
0 Kelvin Cross Sections



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54-Xe-135

Inelastic
Radionuclide Production Cross Section



12

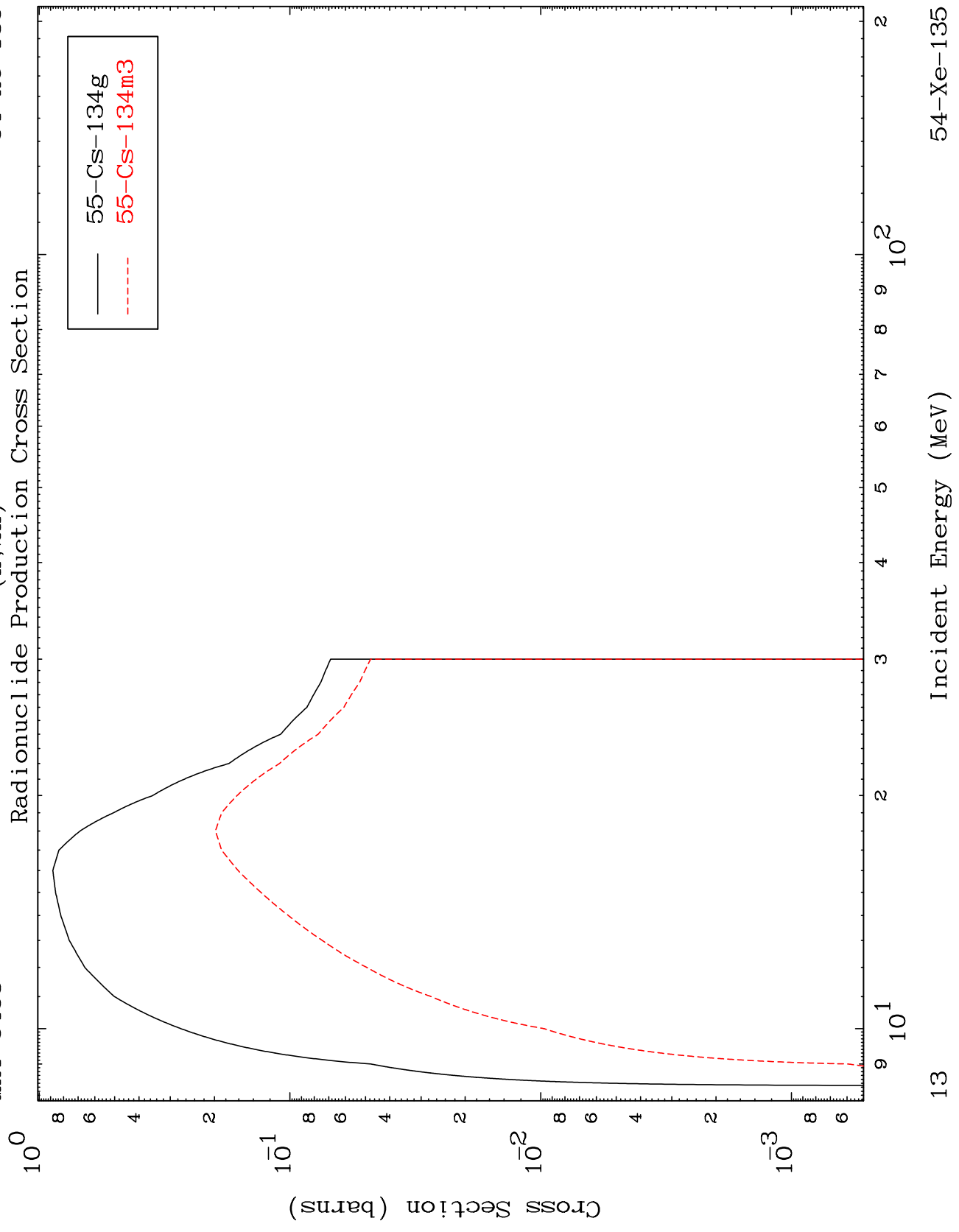
54-Xe-135

Incident Energy (MeV)

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(n,2n)

54-Xe-135



13

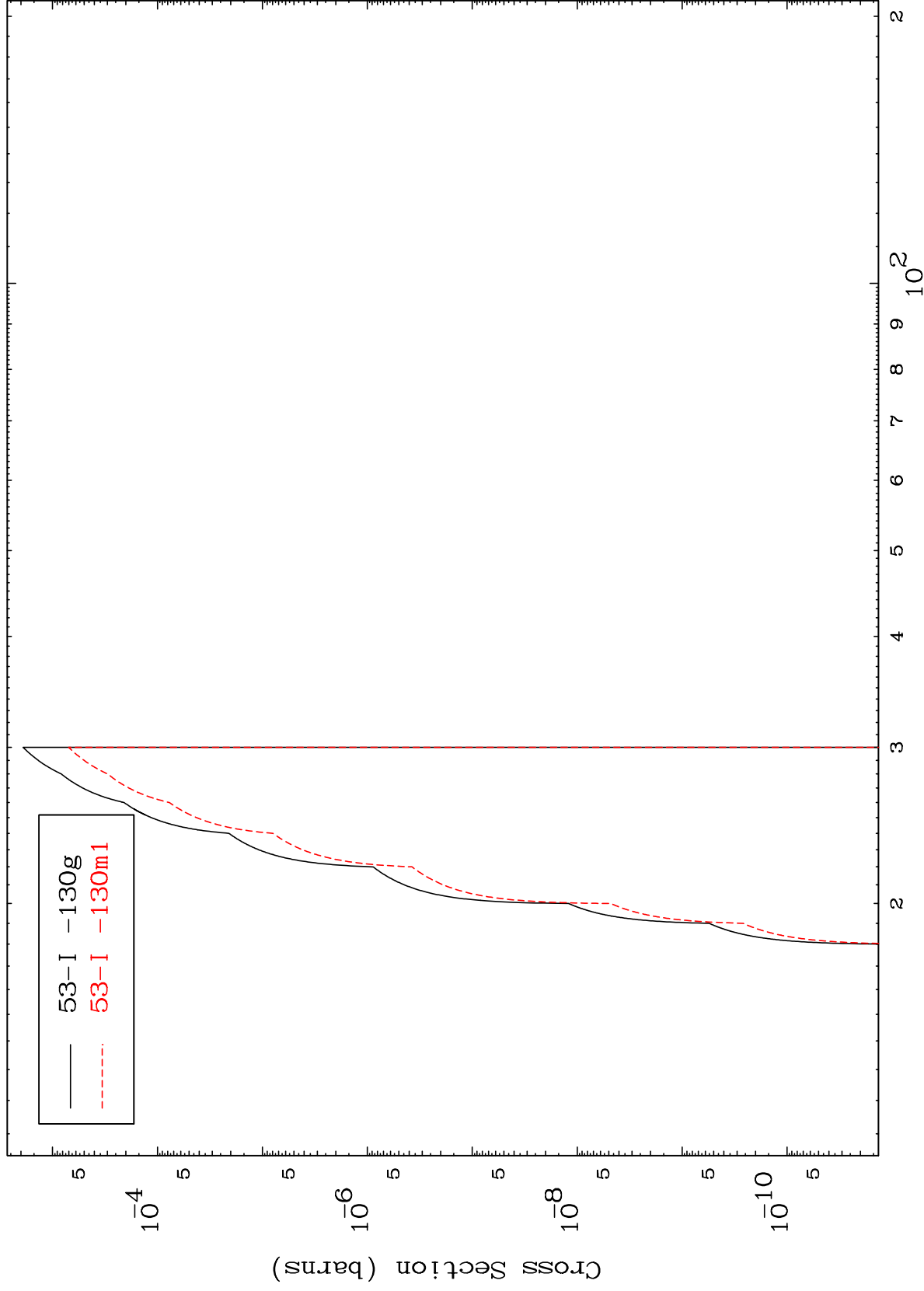
54-Xe-135

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(n,2n) α

54-Xe-135

Radionuclide Production Cross Section



14

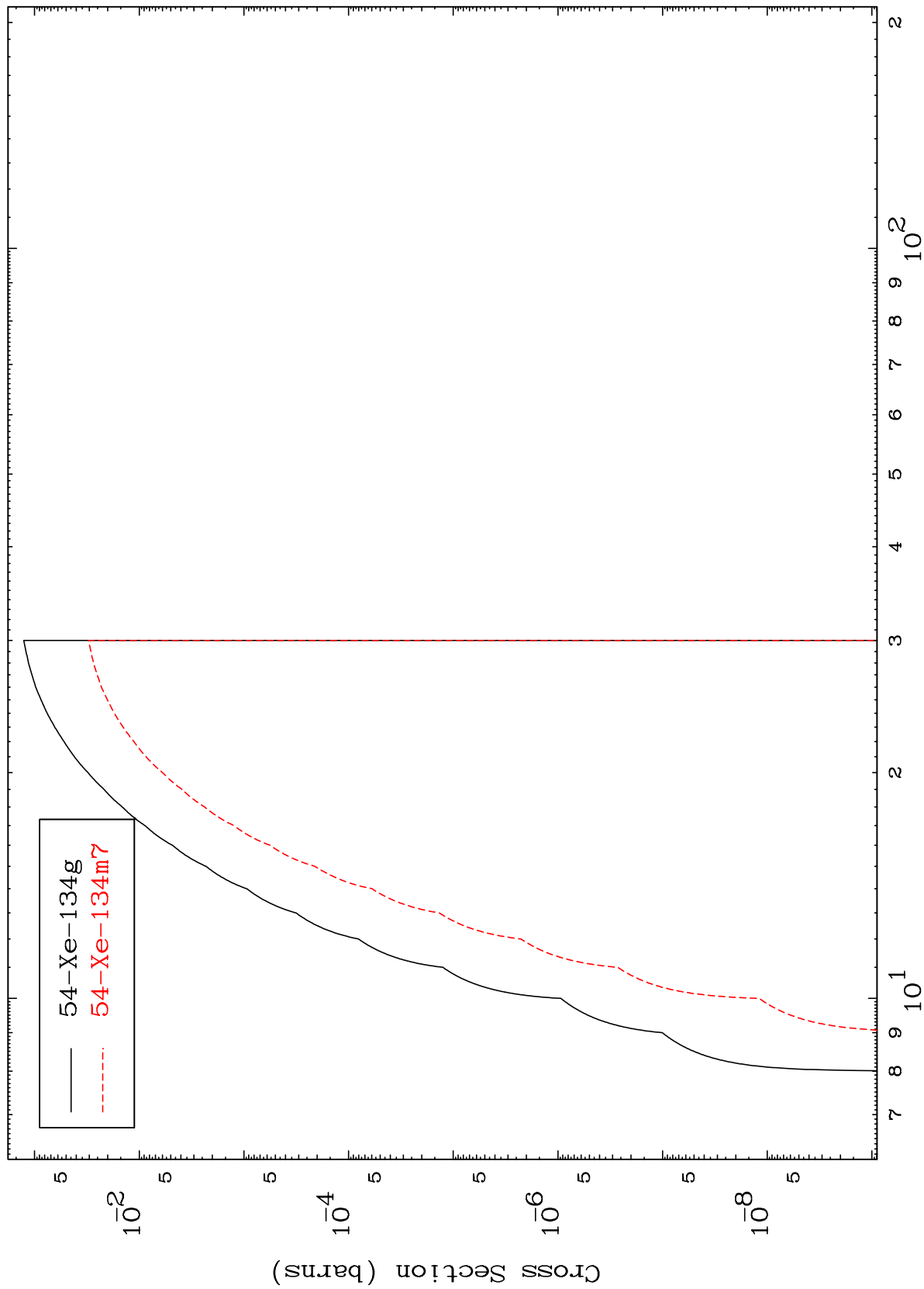
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

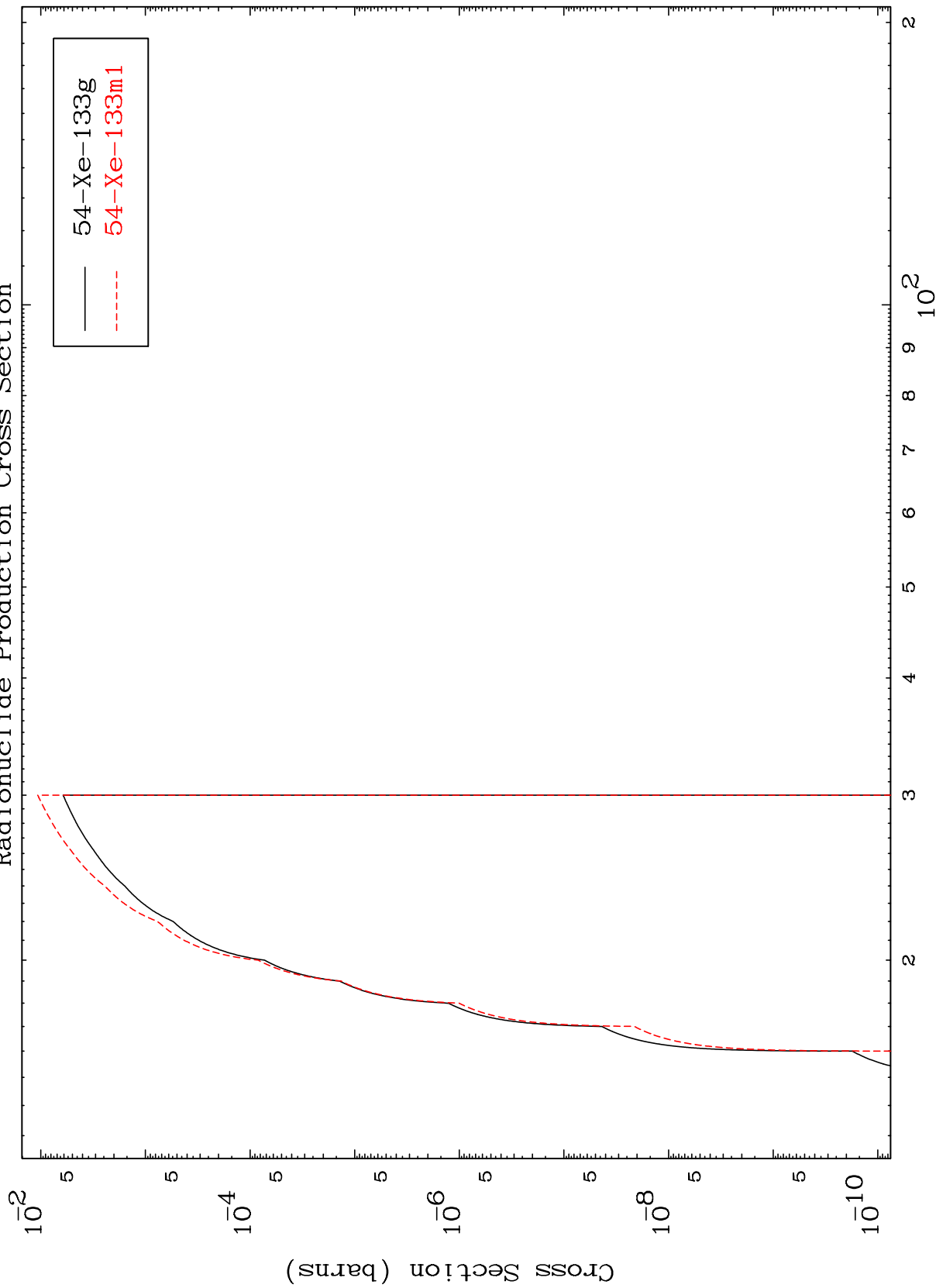
15

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(n,n') d

54-Xe-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

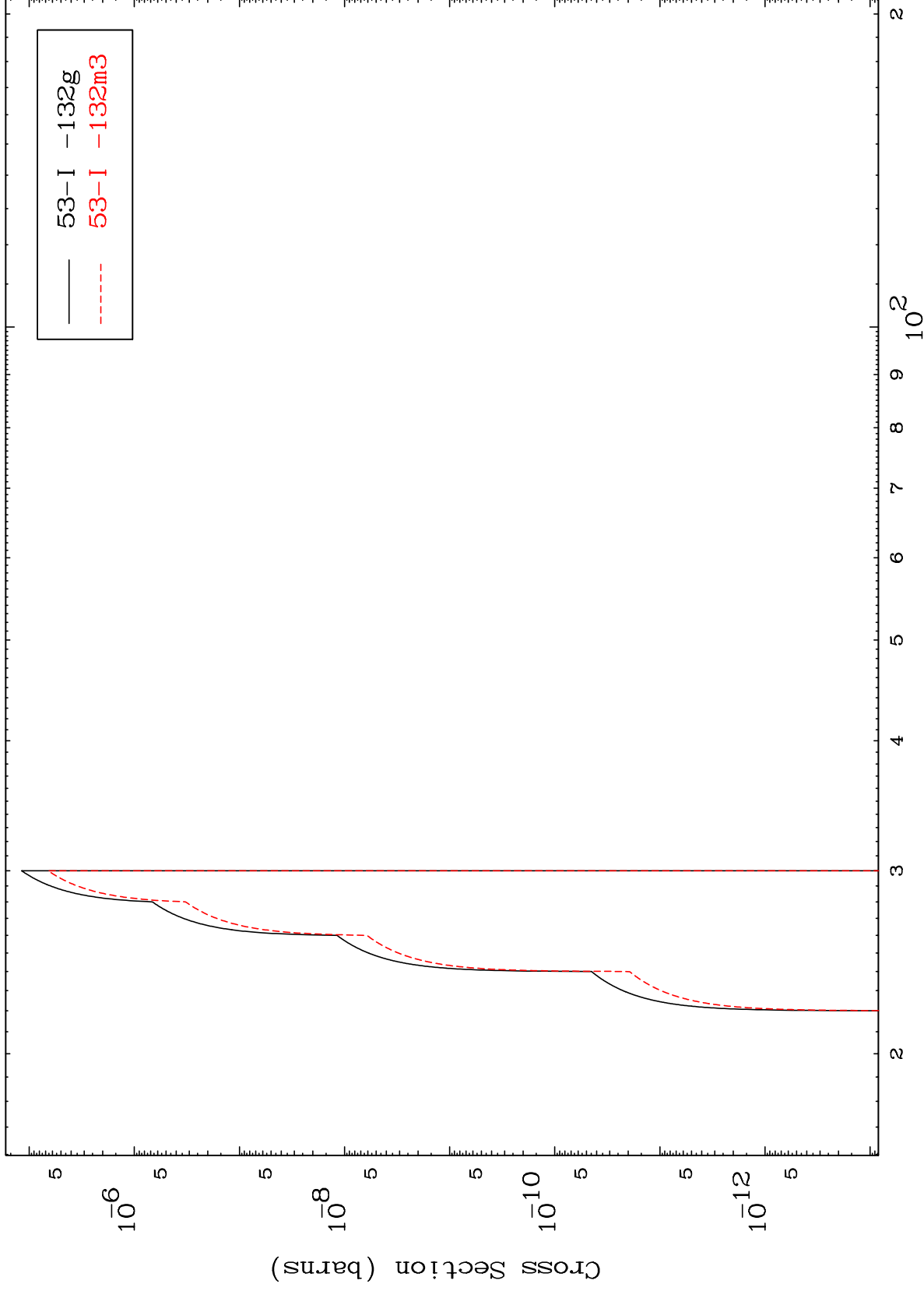
54-Xe-135

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(n,n') He-3

54-Xe-135

Radionuclide Production Cross Section



17

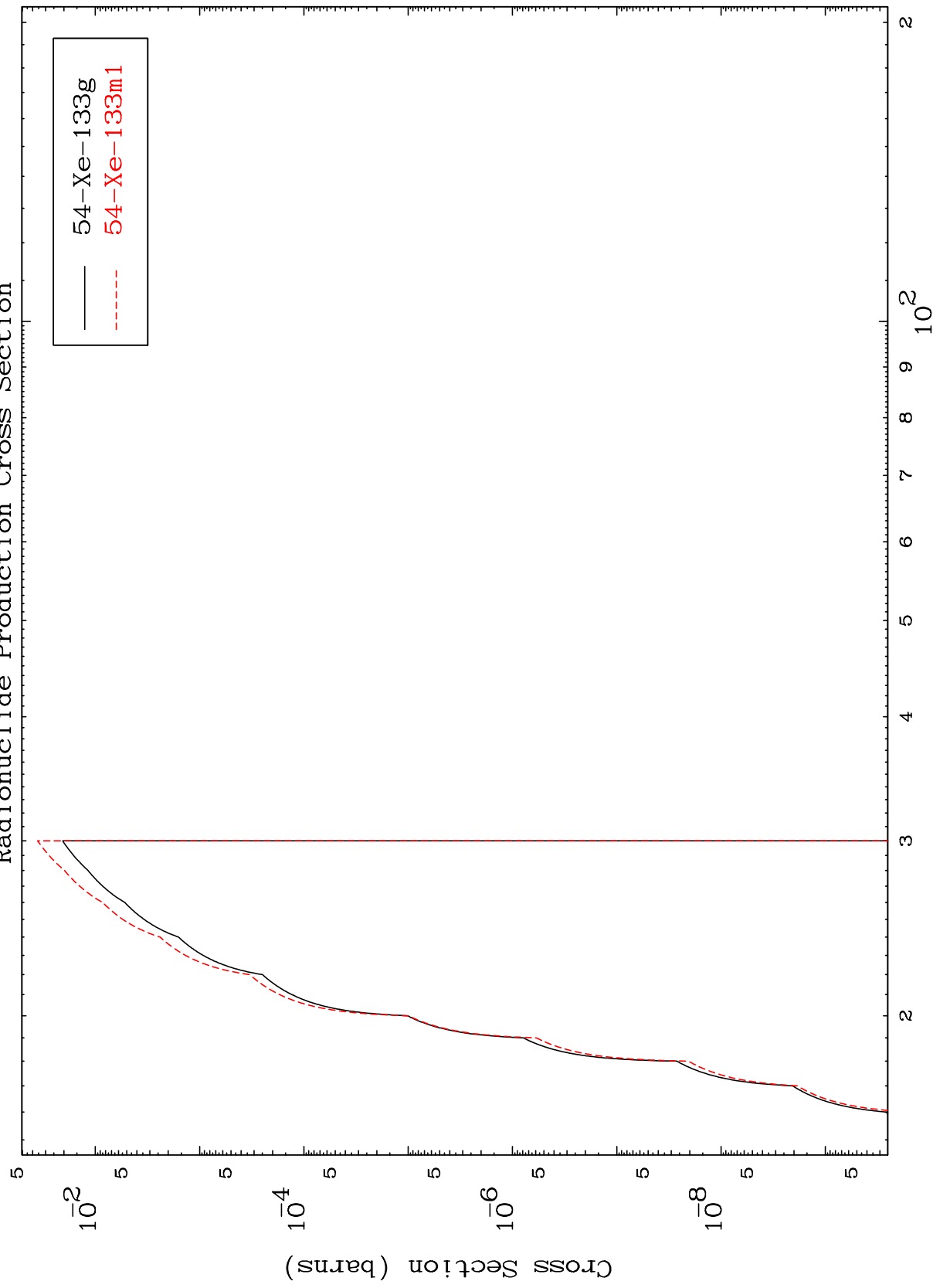
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

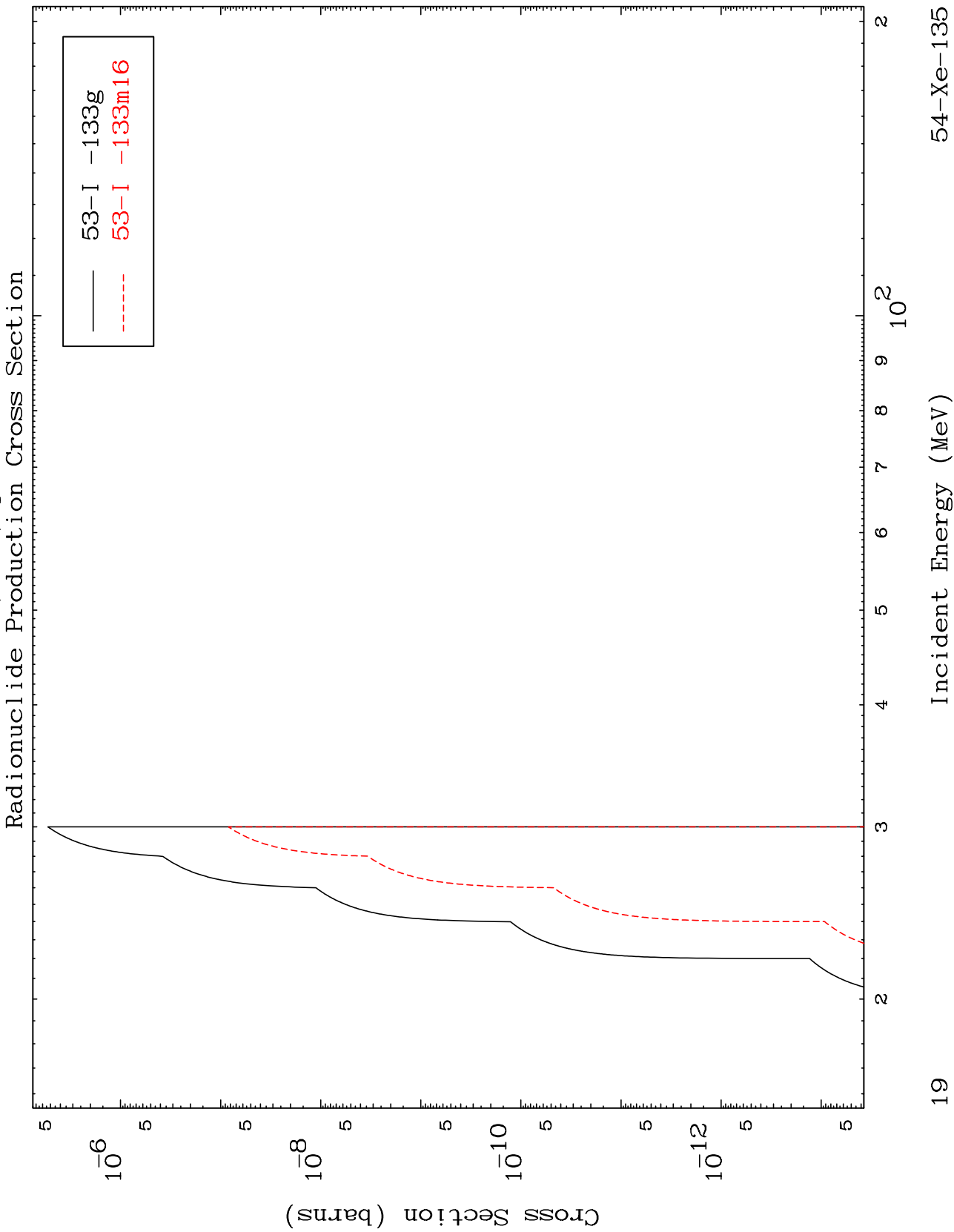
(n,2n) p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

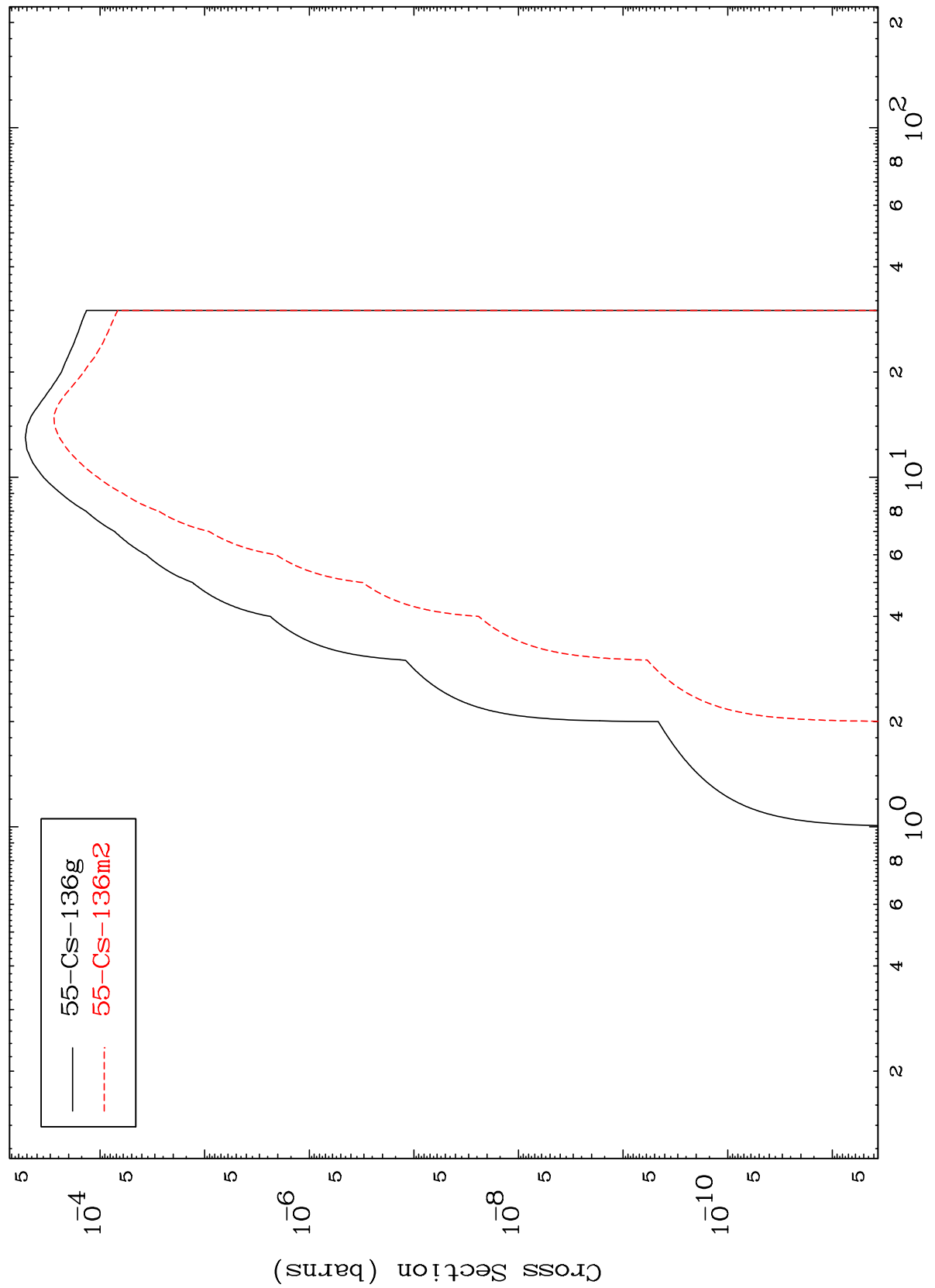
54-Xe-135



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54-Xe-135

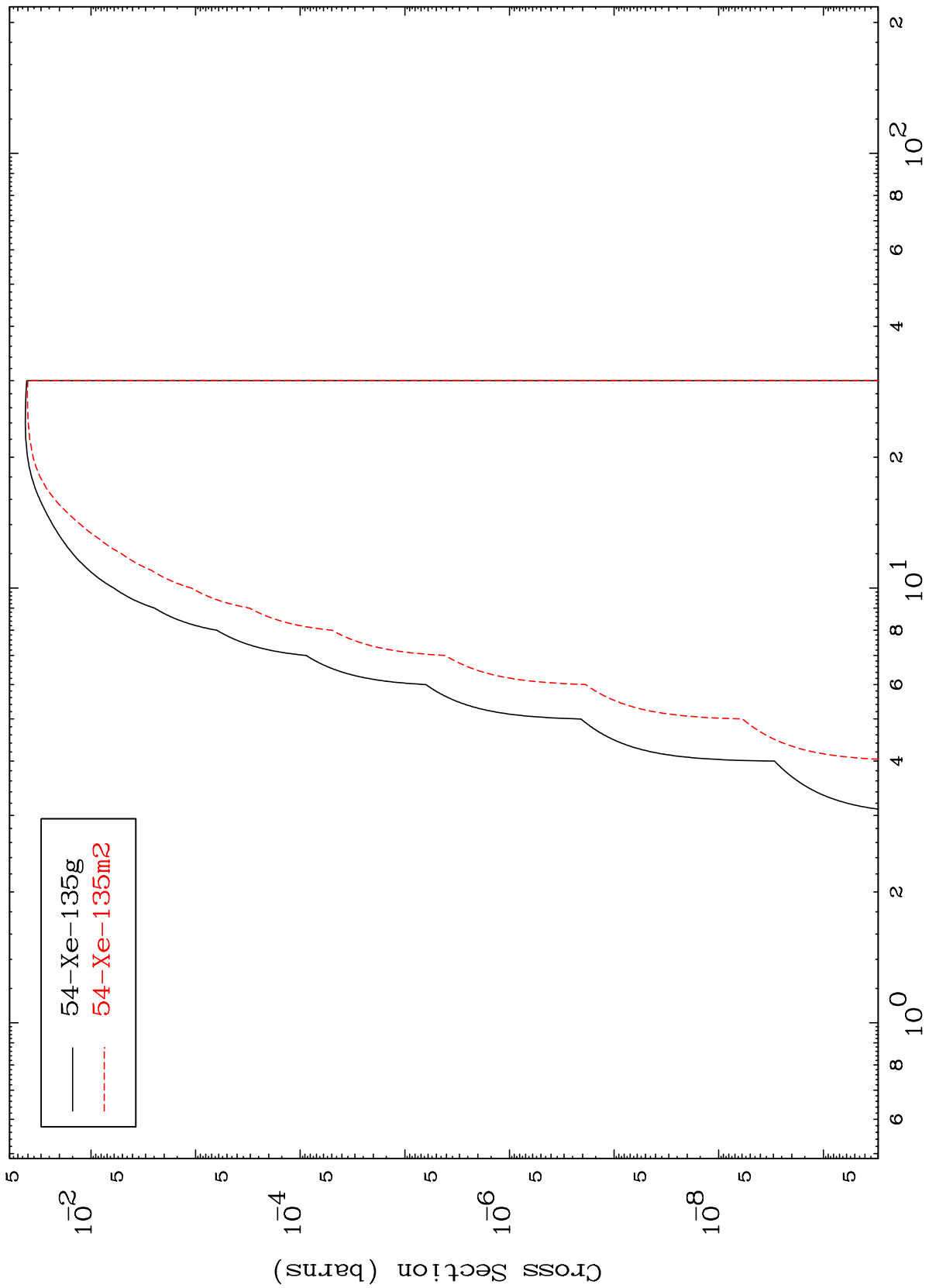
(n, γ)
Radionuclide Production Cross Section



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54-Xe-135

(n,p)
Radionuclide Production Cross Section

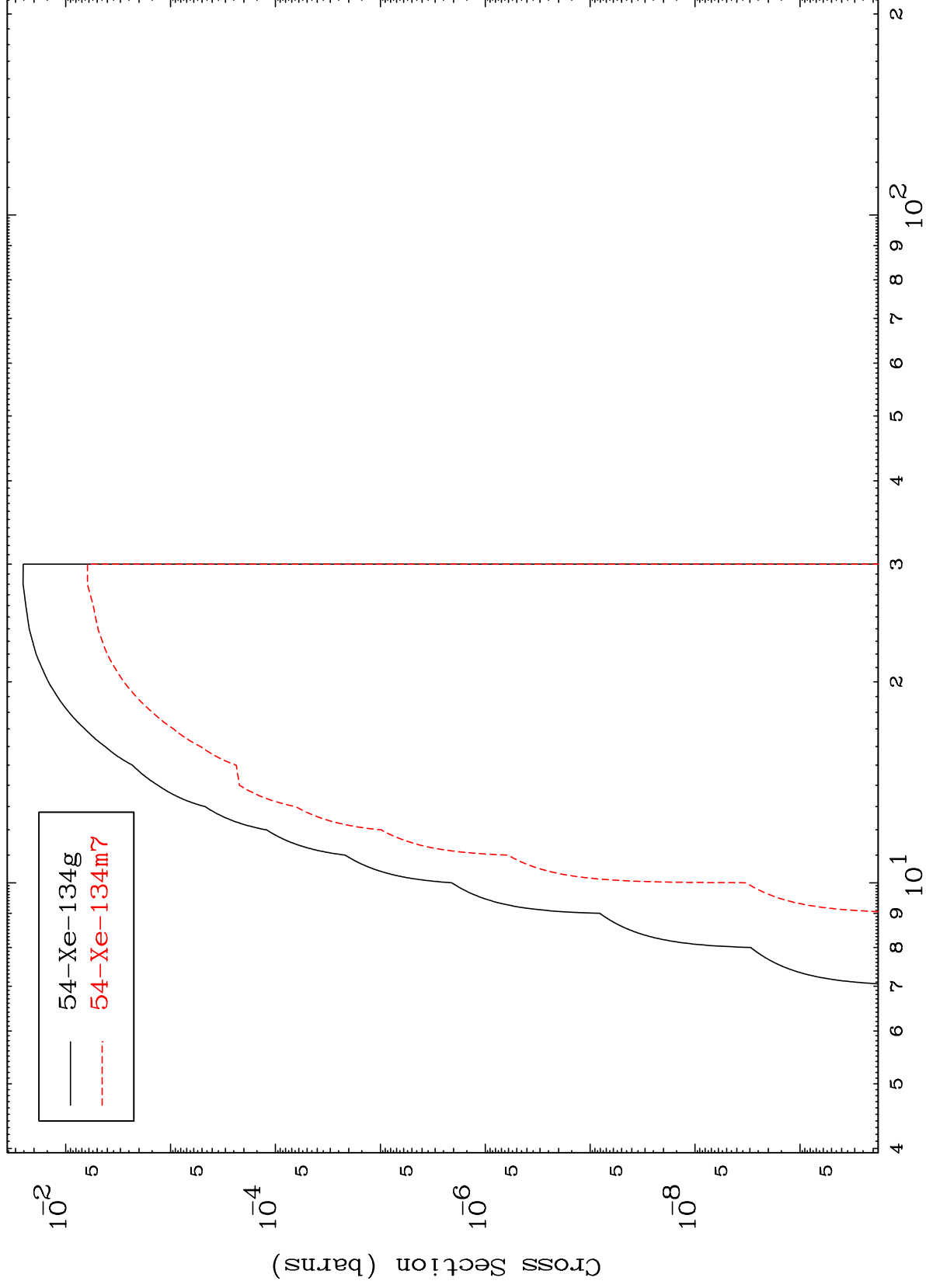


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(n,d)

54-Xe-135

Radionuclide Production Cross Section



22

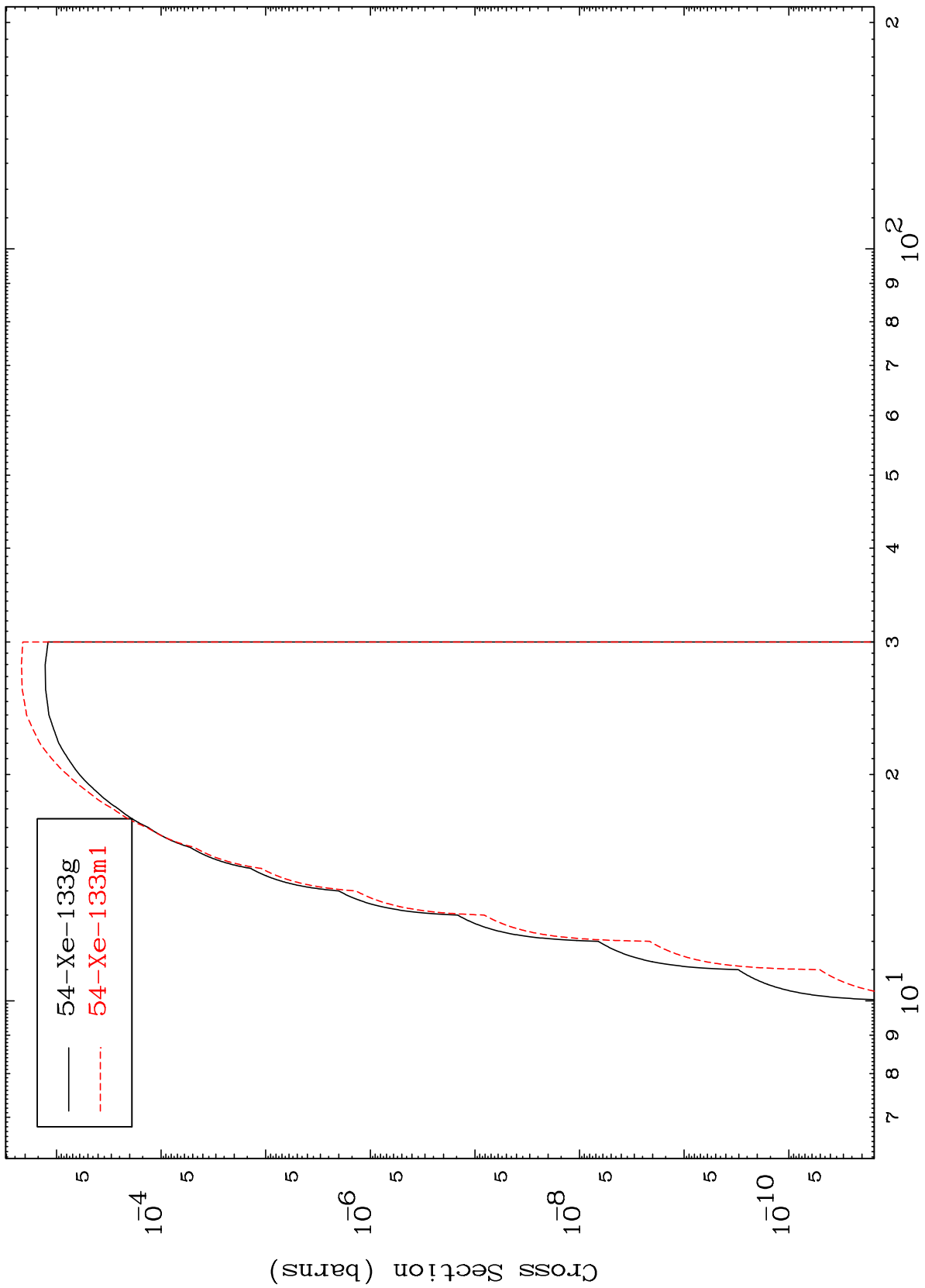
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(n,t)
Radionuclide Production Cross Section



23

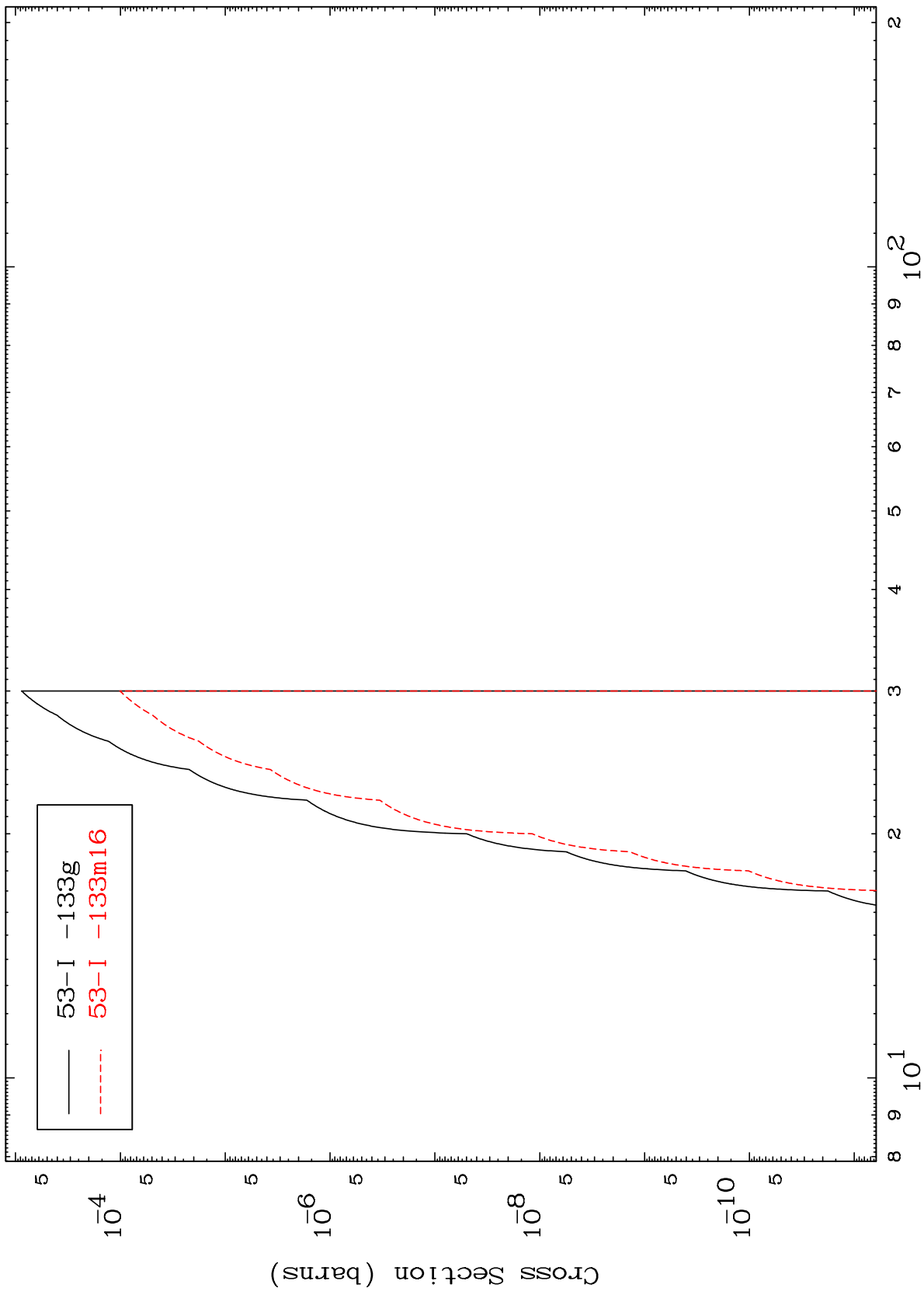
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(n,He-3)
Radionuclide Production Cross Section



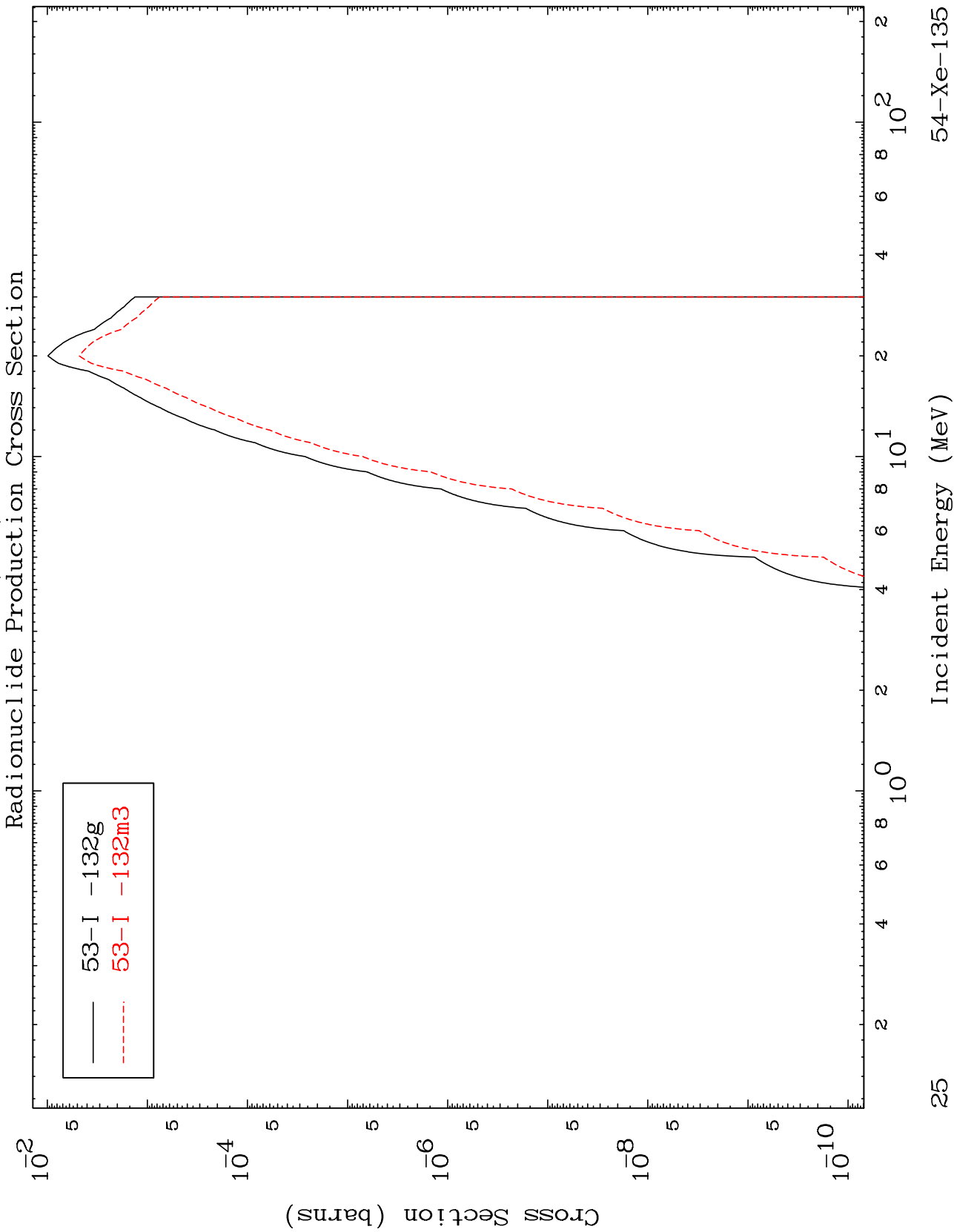
54-Xe-135

Incident Energy (MeV)

24

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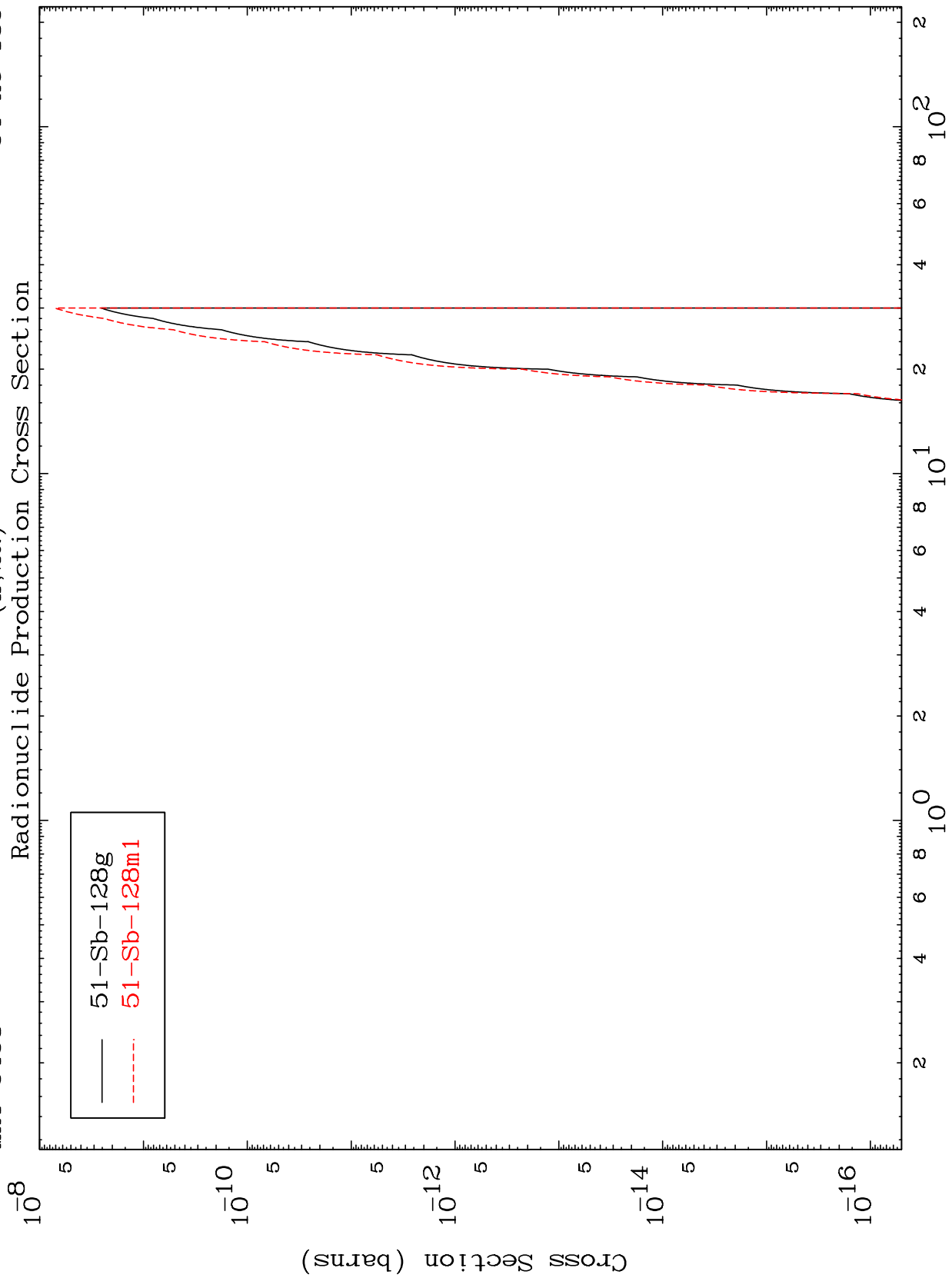
54-Xe-135



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54-Xe-135

Radionuclide Production Cross Section
(n,2α)



51-Sb-128g
51-Sb-128m1

26

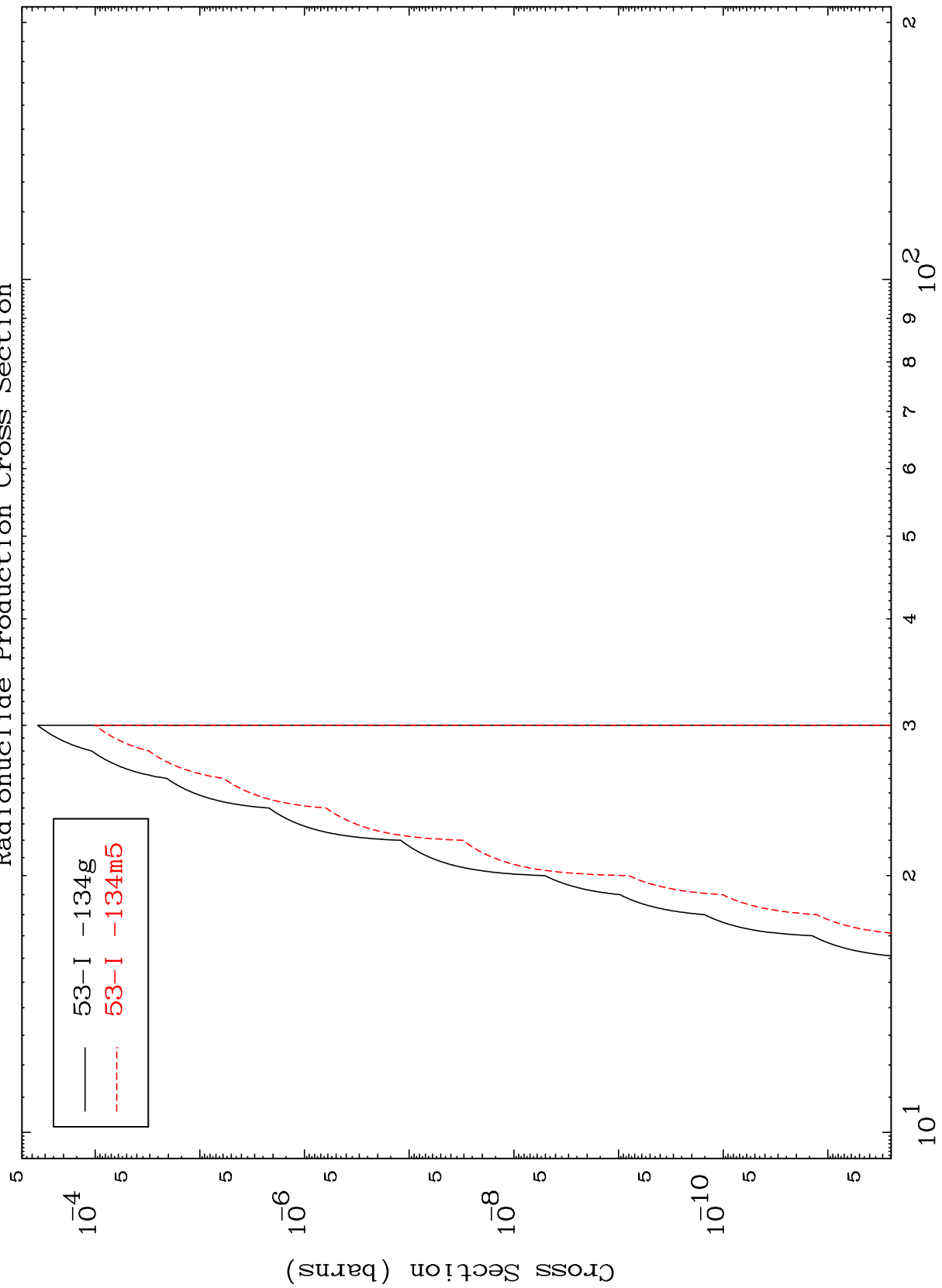
54-Xe-135

Incident Energy (MeV)

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54-Xe-135

(n,2p)
Radionuclide Production Cross Section



54-Xe-135

Incident Energy (MeV)

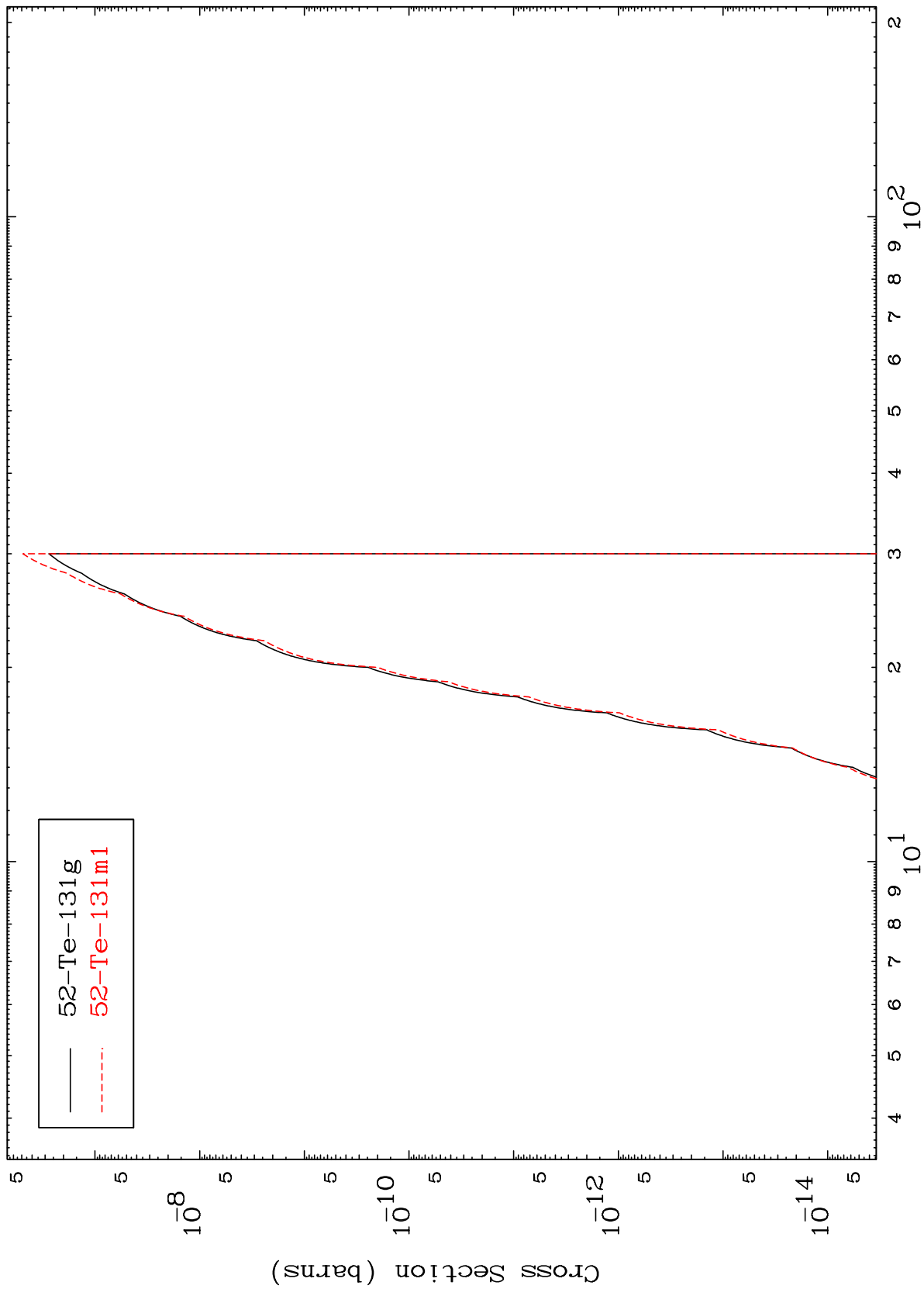
27

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(n,p) α

54-Xe-135

Radionuclide Production Cross Section

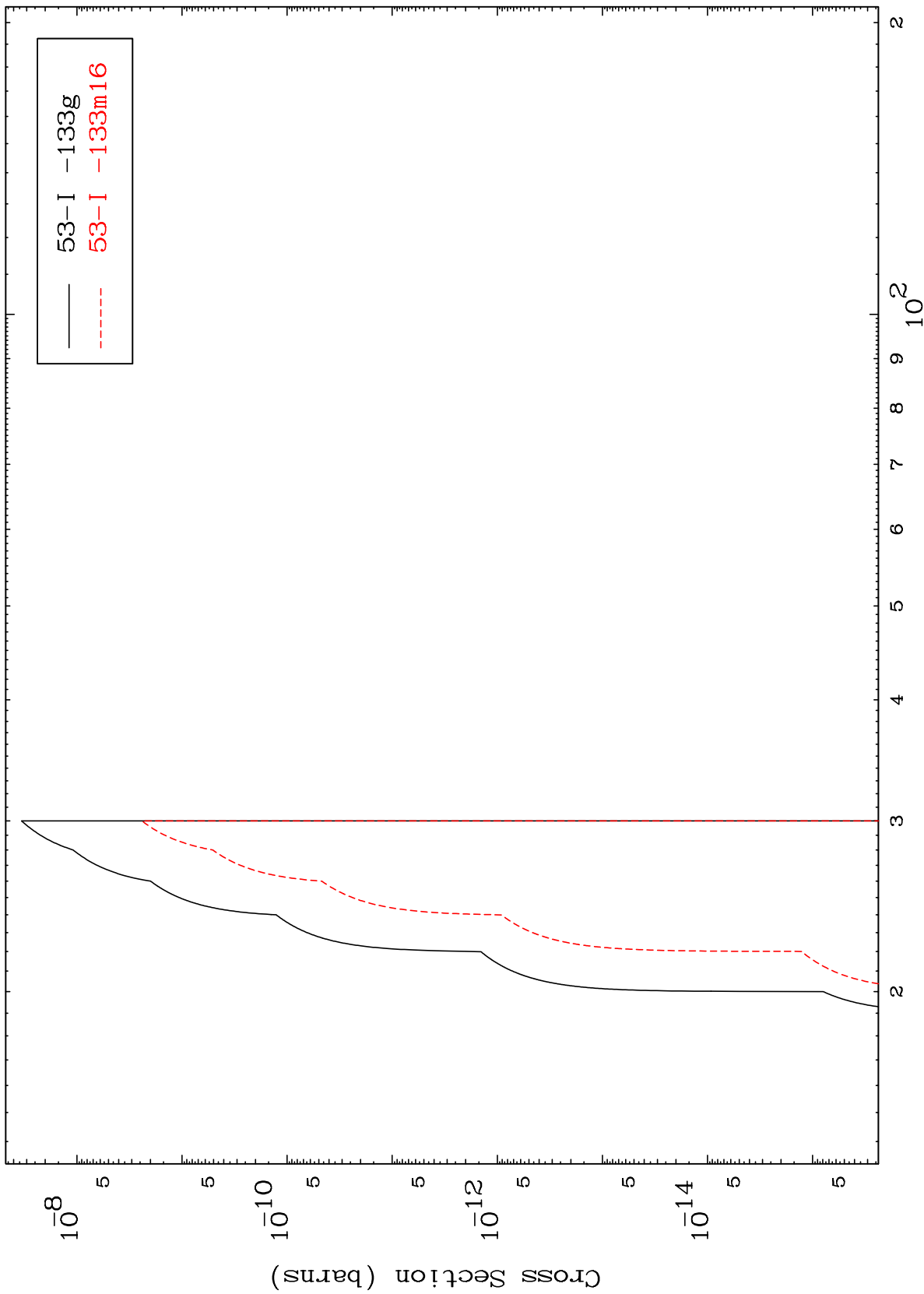


28

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

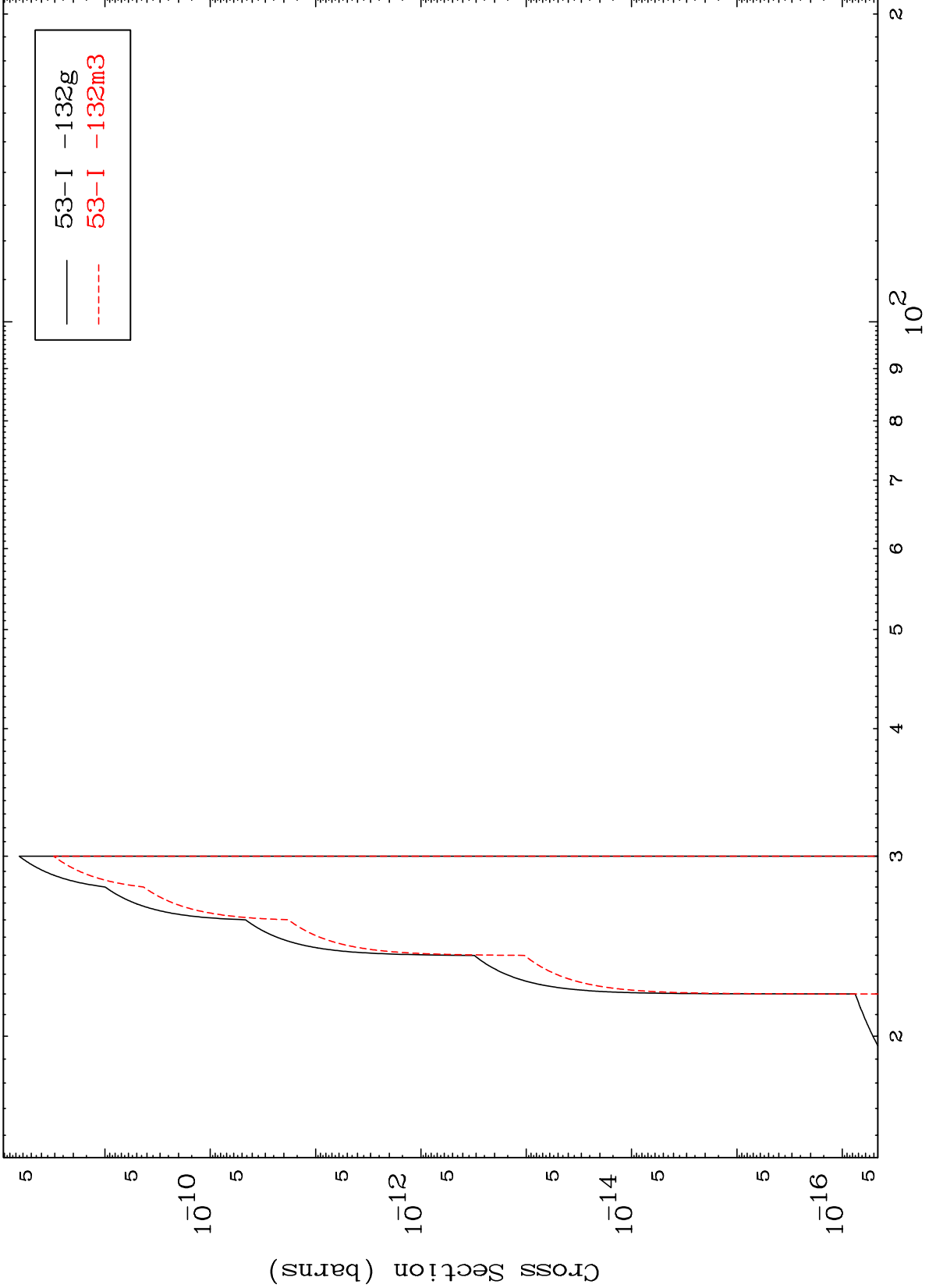


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(n,p) t

54-Xe-135

Radionuclide Production Cross Section



30

Incident Energy (MeV)

54-Xe-135