

Program EVALPLOT
(Version 2021-1)

by

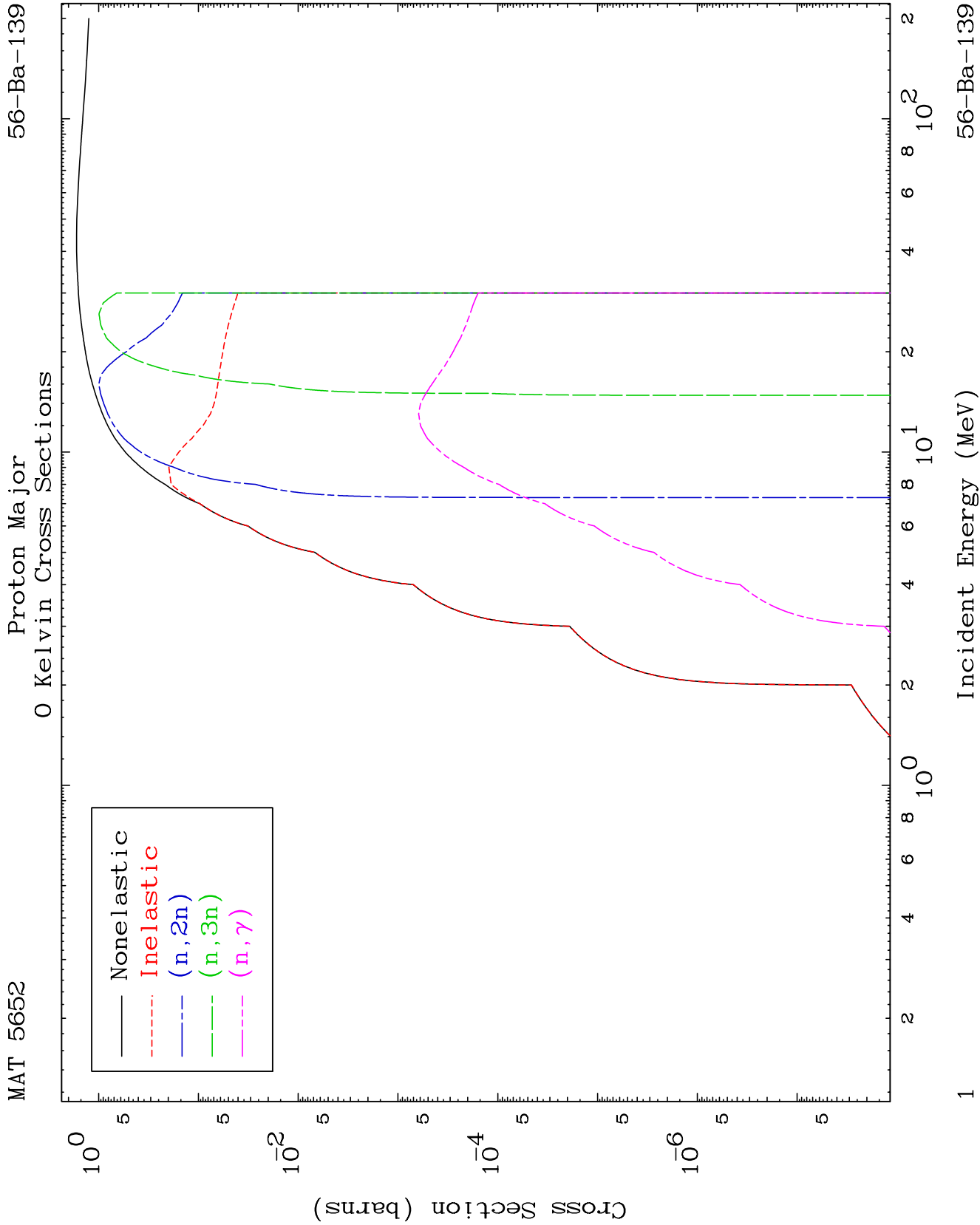
Dermott E. Cullen
(Present Contact Information)

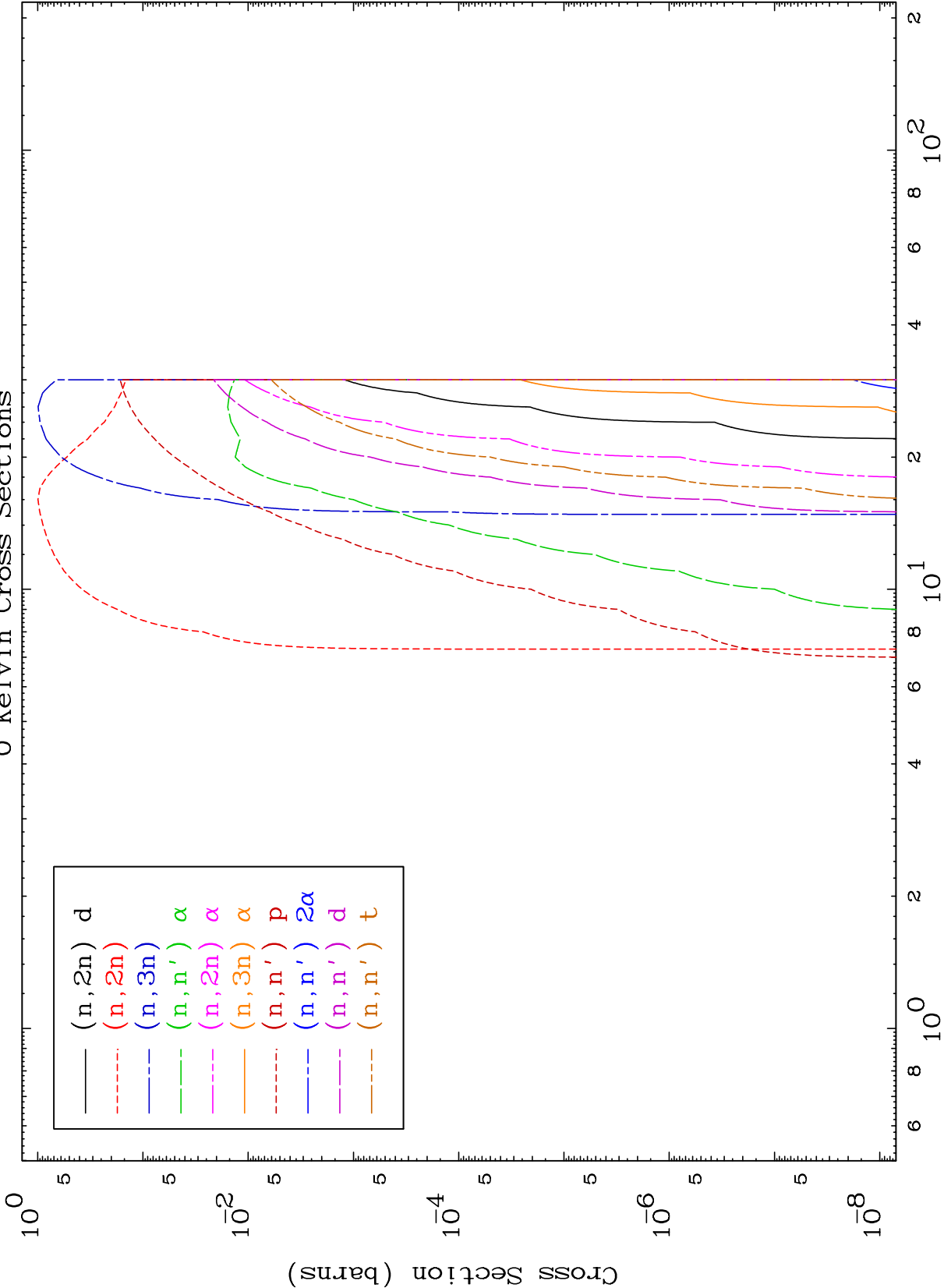
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

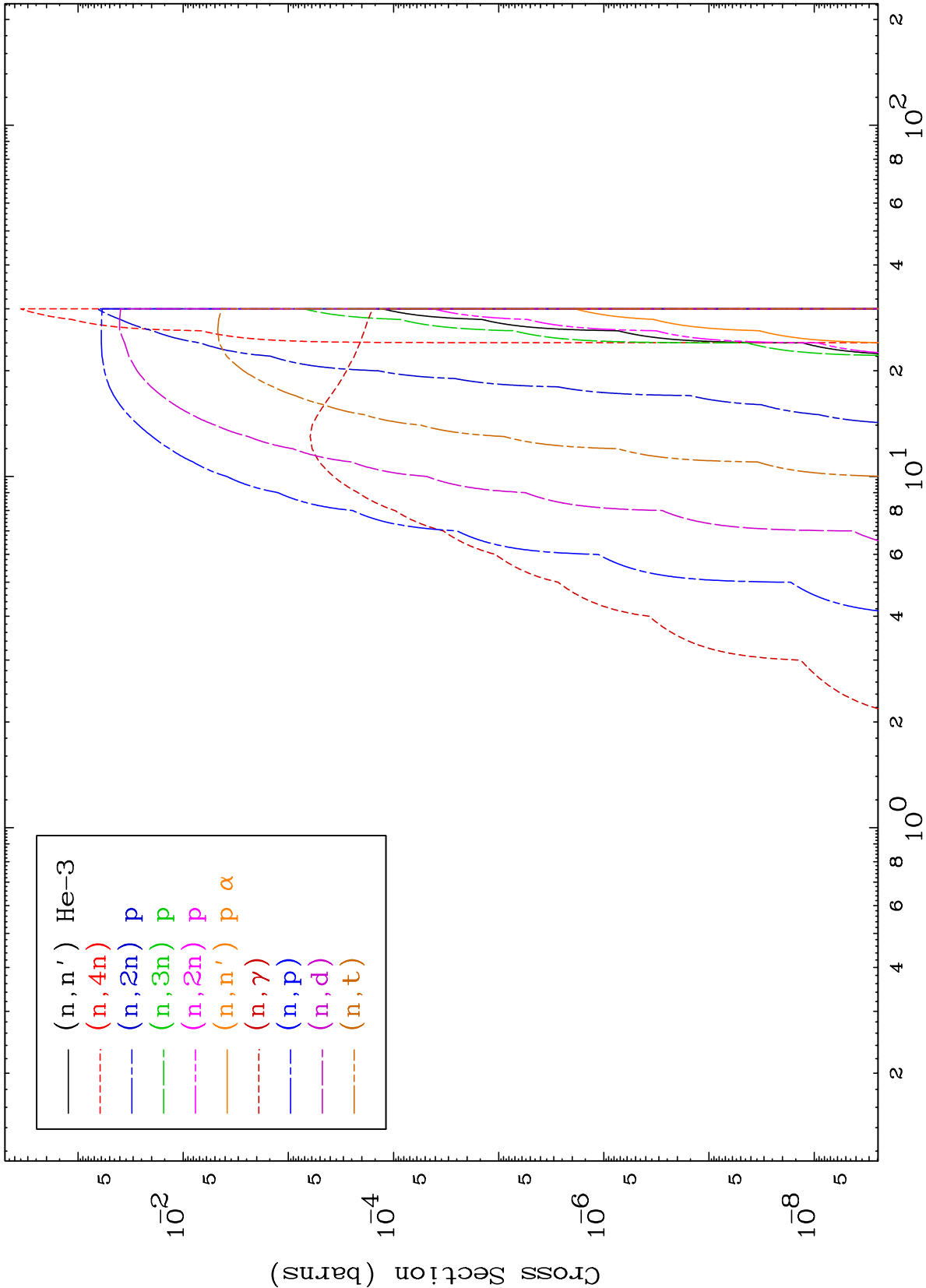
Tele: 925-443-1911

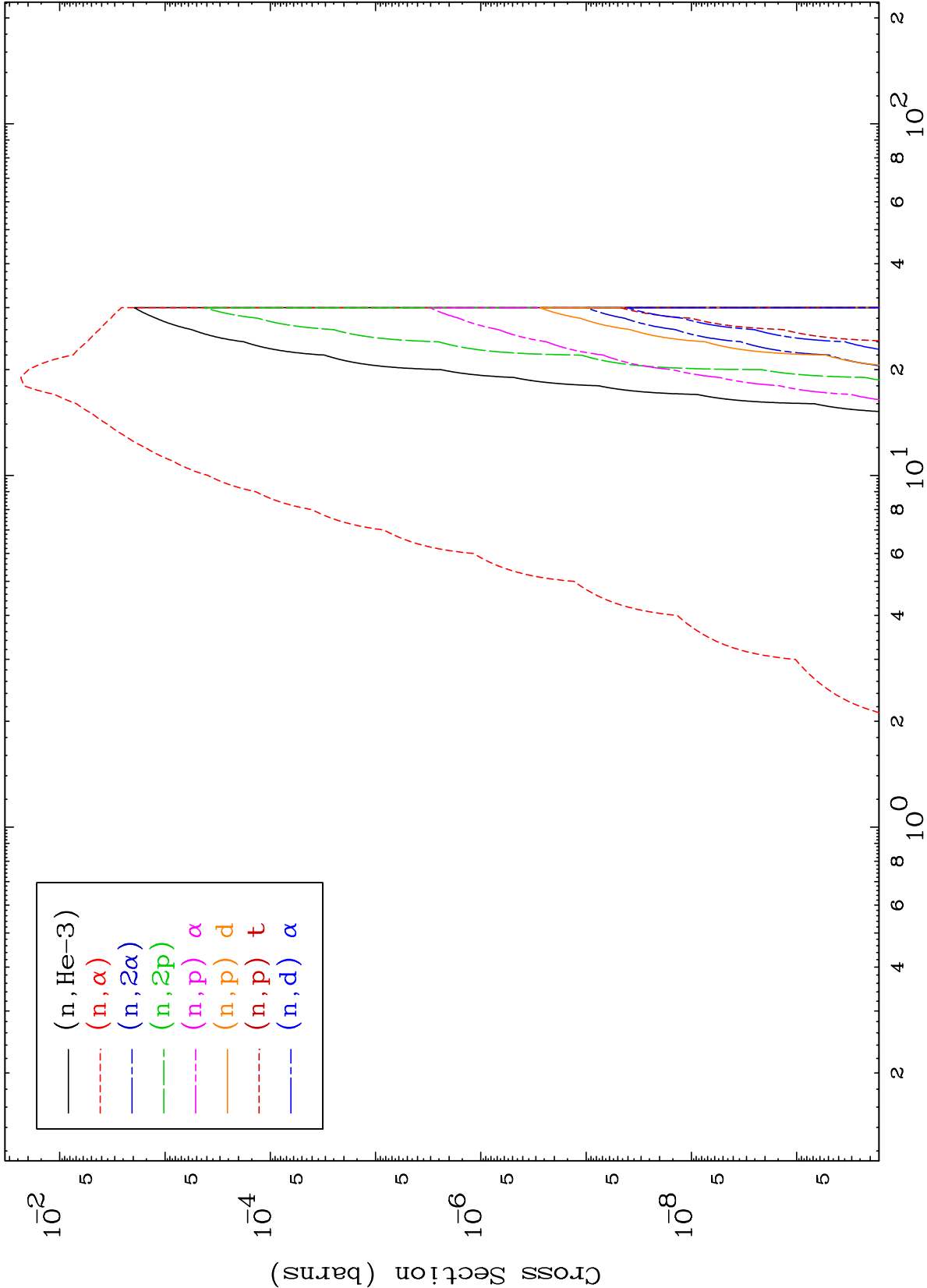
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

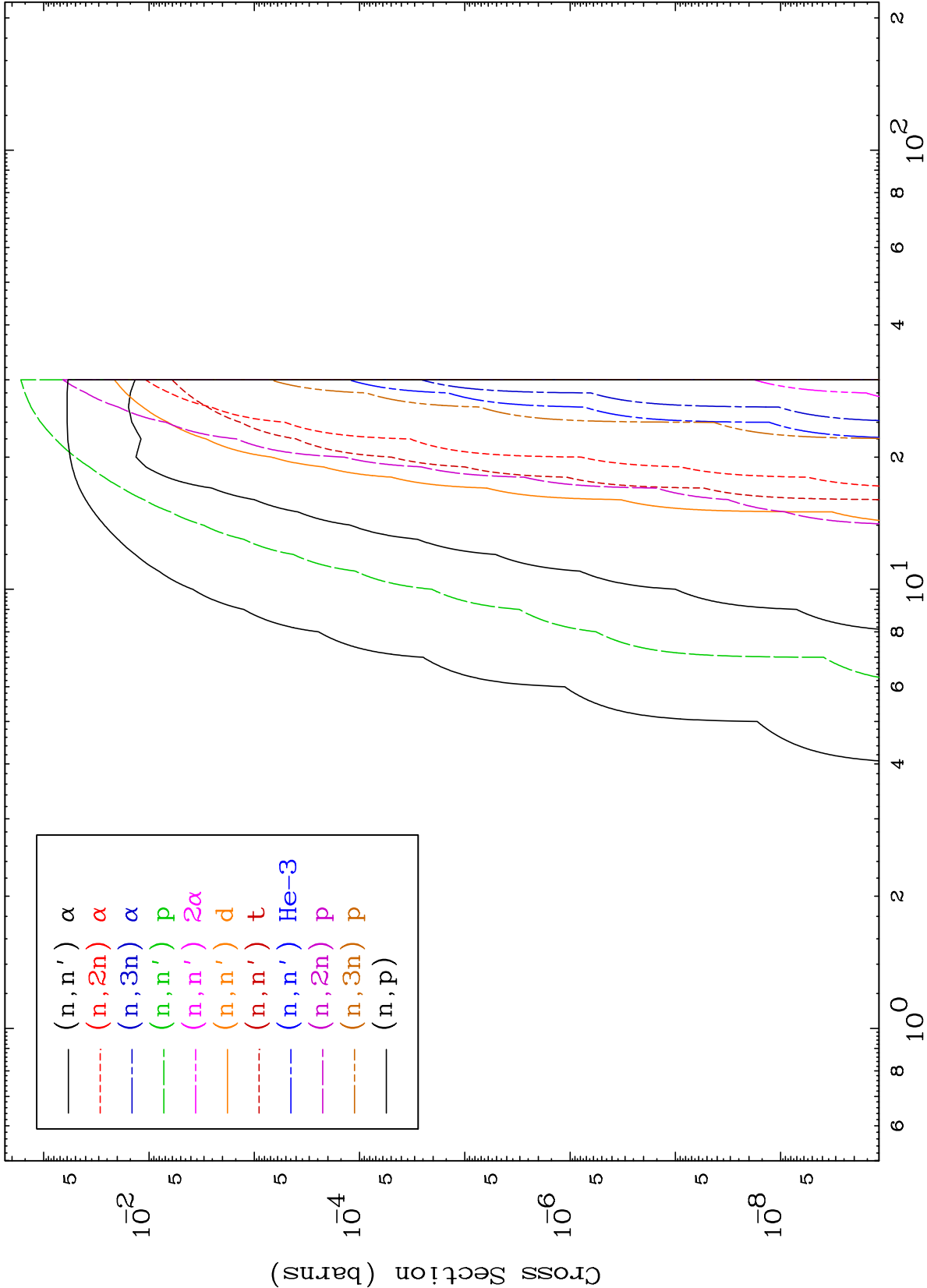
Press Mouse Button to Start

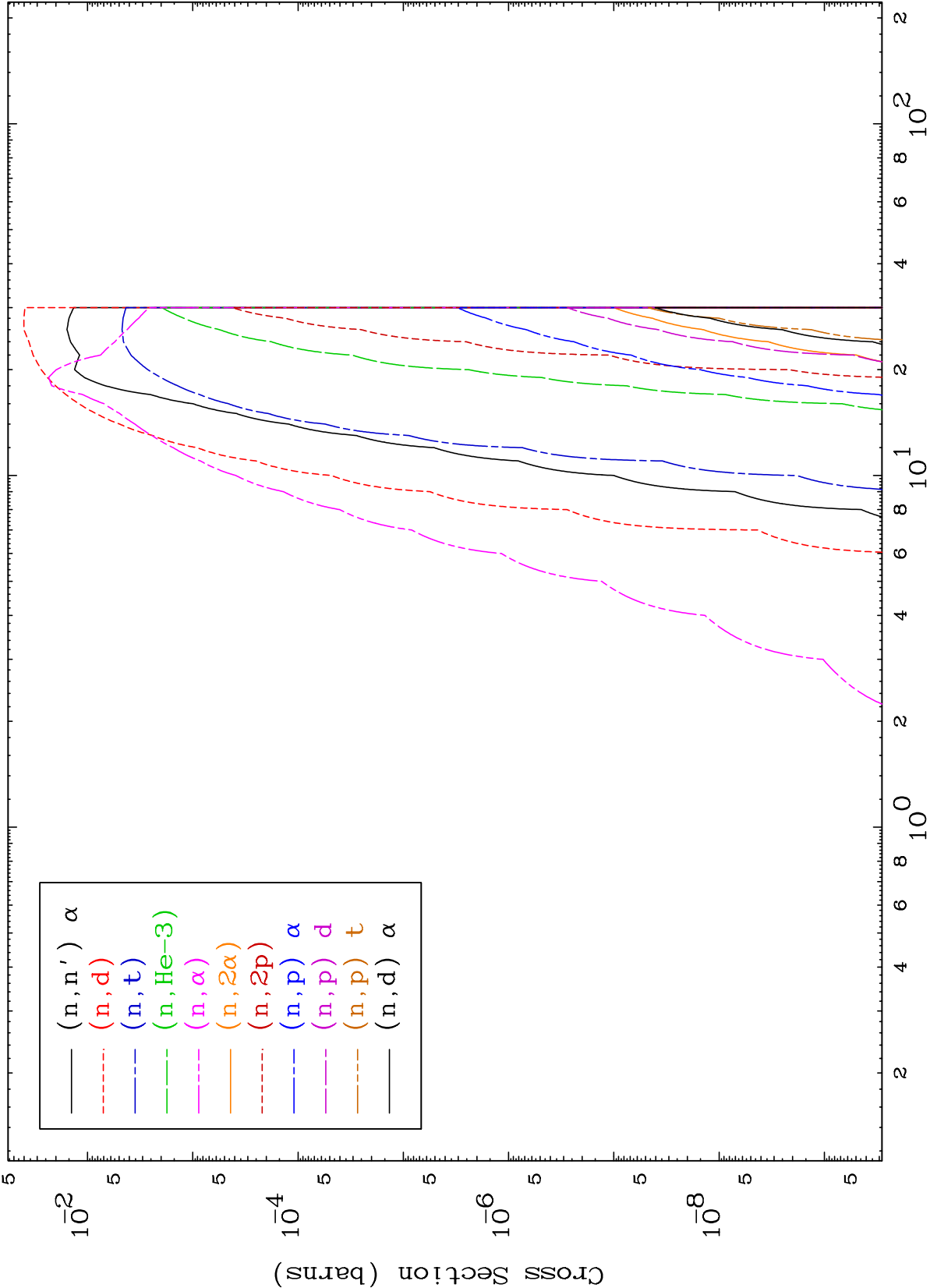








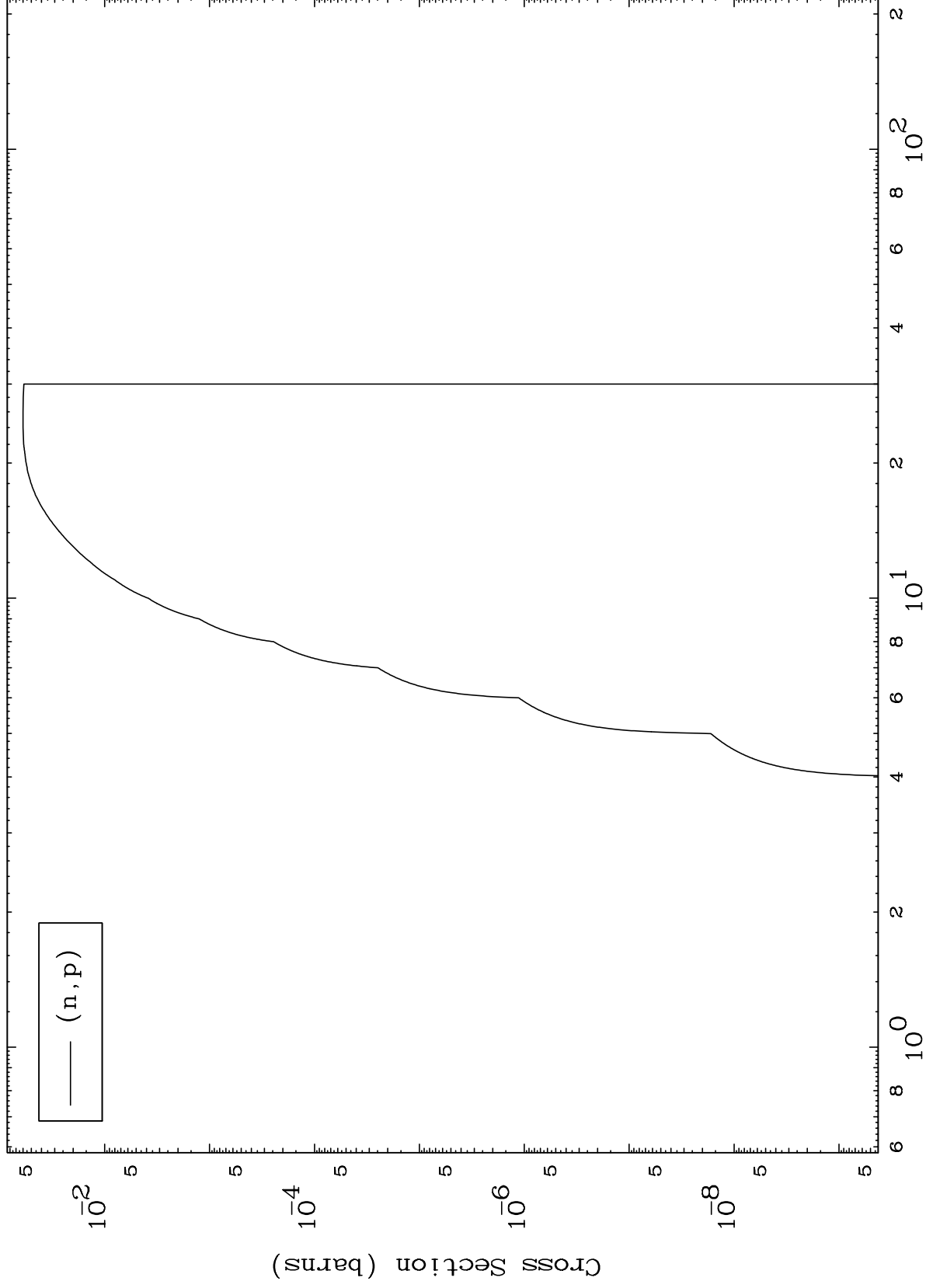




MAT 5652

56-Ba-139

(p,p) Levels
0 Kelvin Cross Sections



56-Ba-139

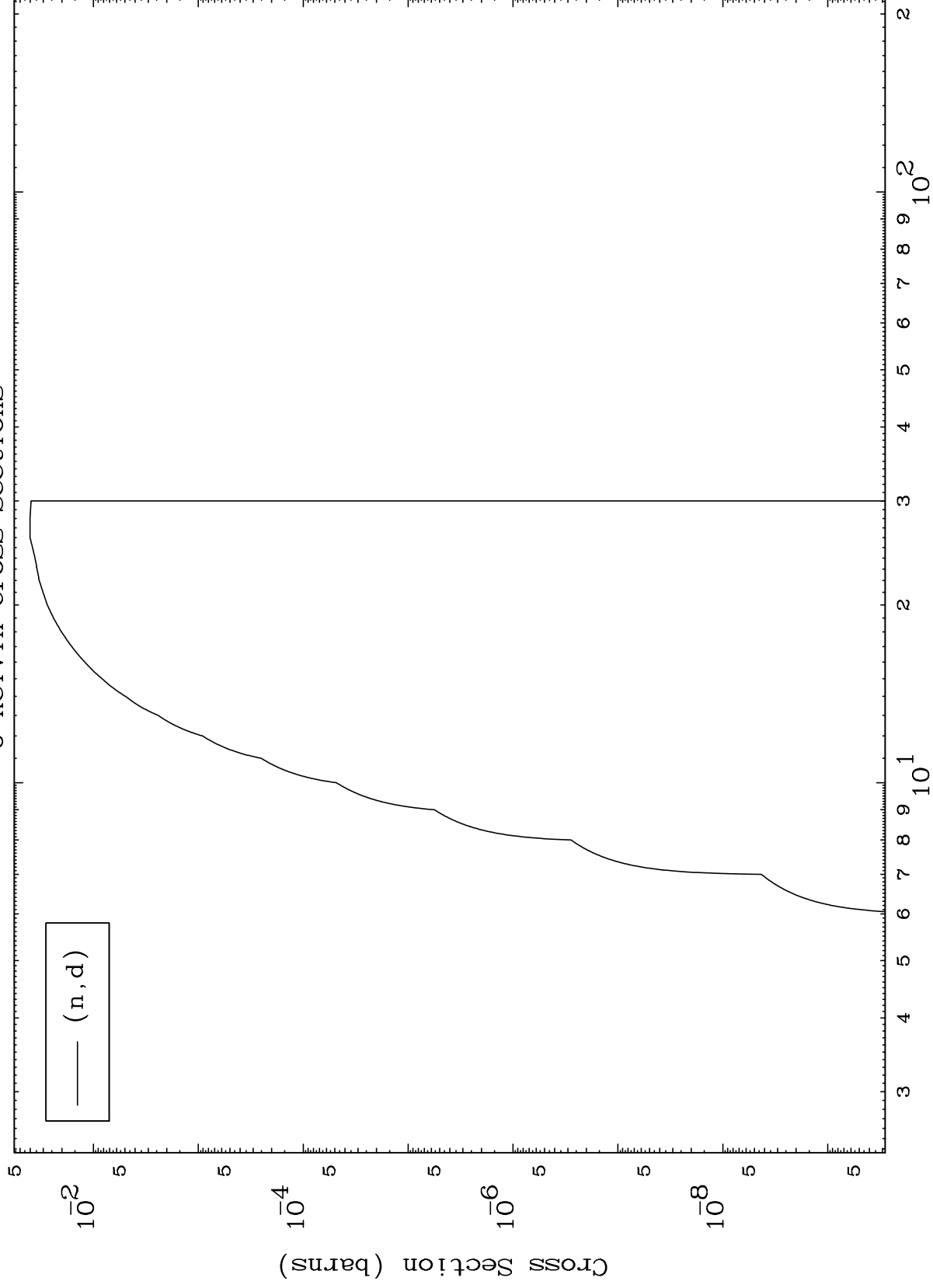
Incident Energy (MeV)

7

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(p,d) Levels
0 Kelvin Cross Sections



8

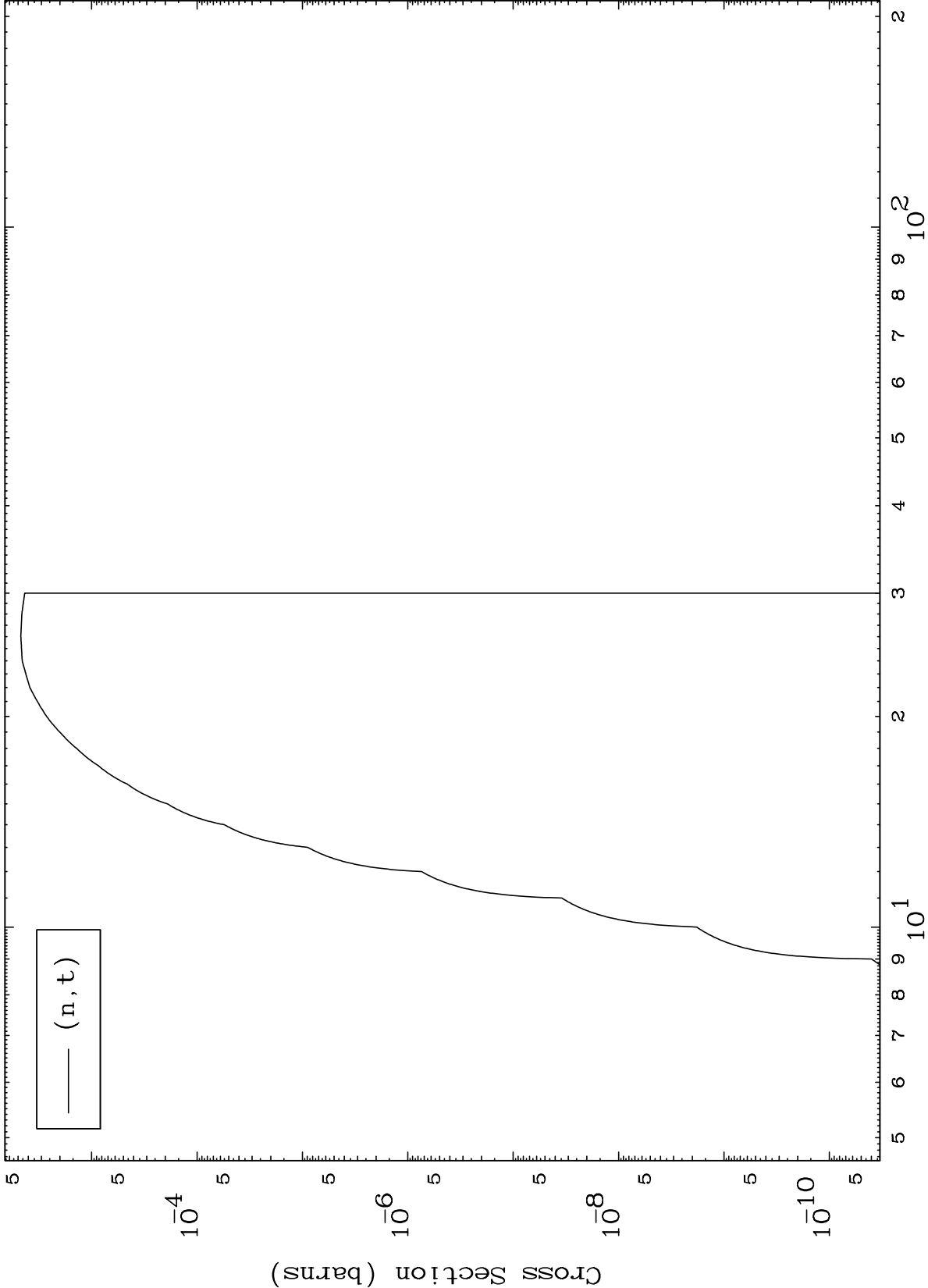
Incident Energy (MeV)

56-Ba-139

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(p,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

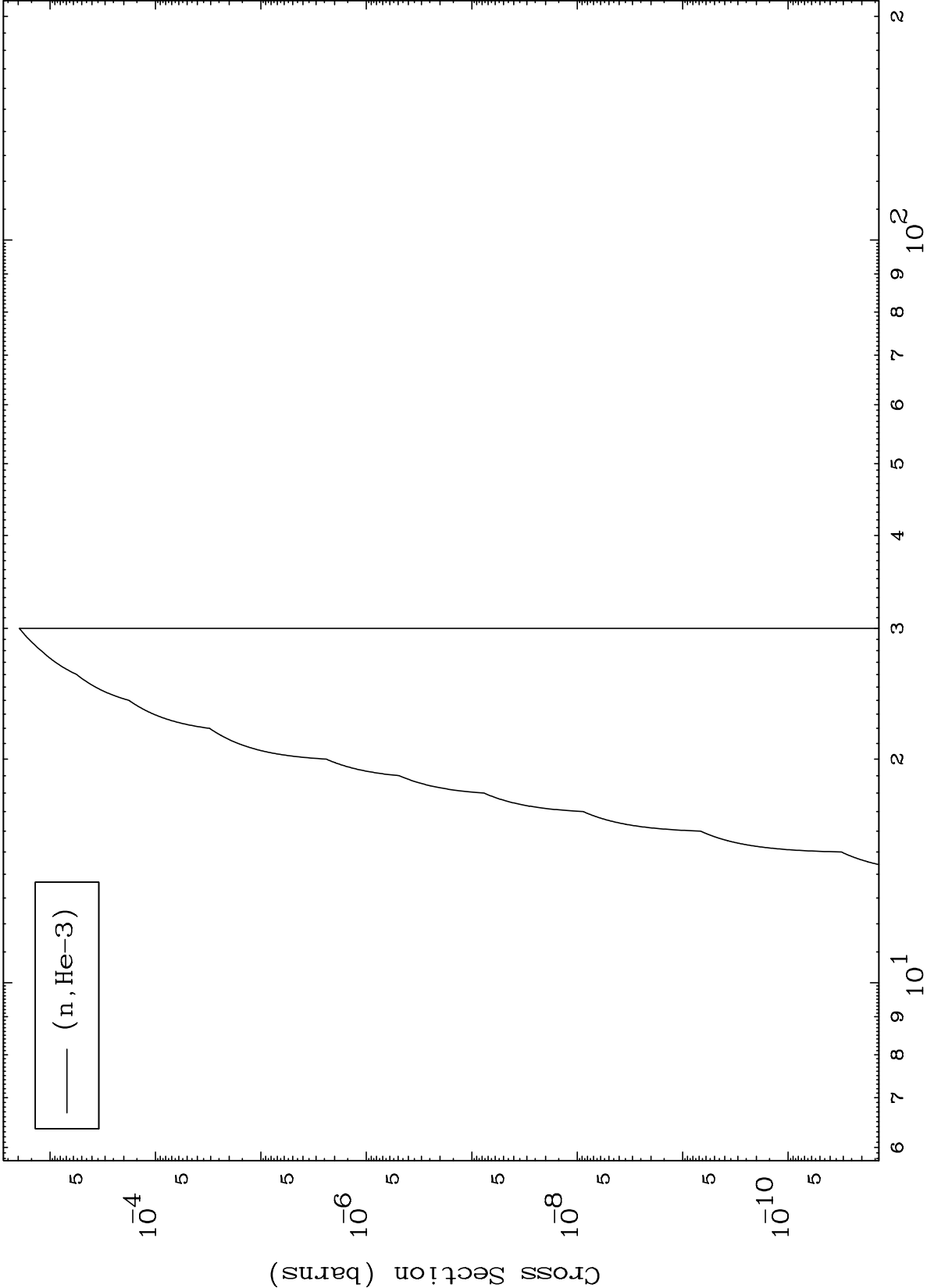
56-Ba-139

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(p,He3) Levels

56-Ba-139

0 Kelvin Cross Sections

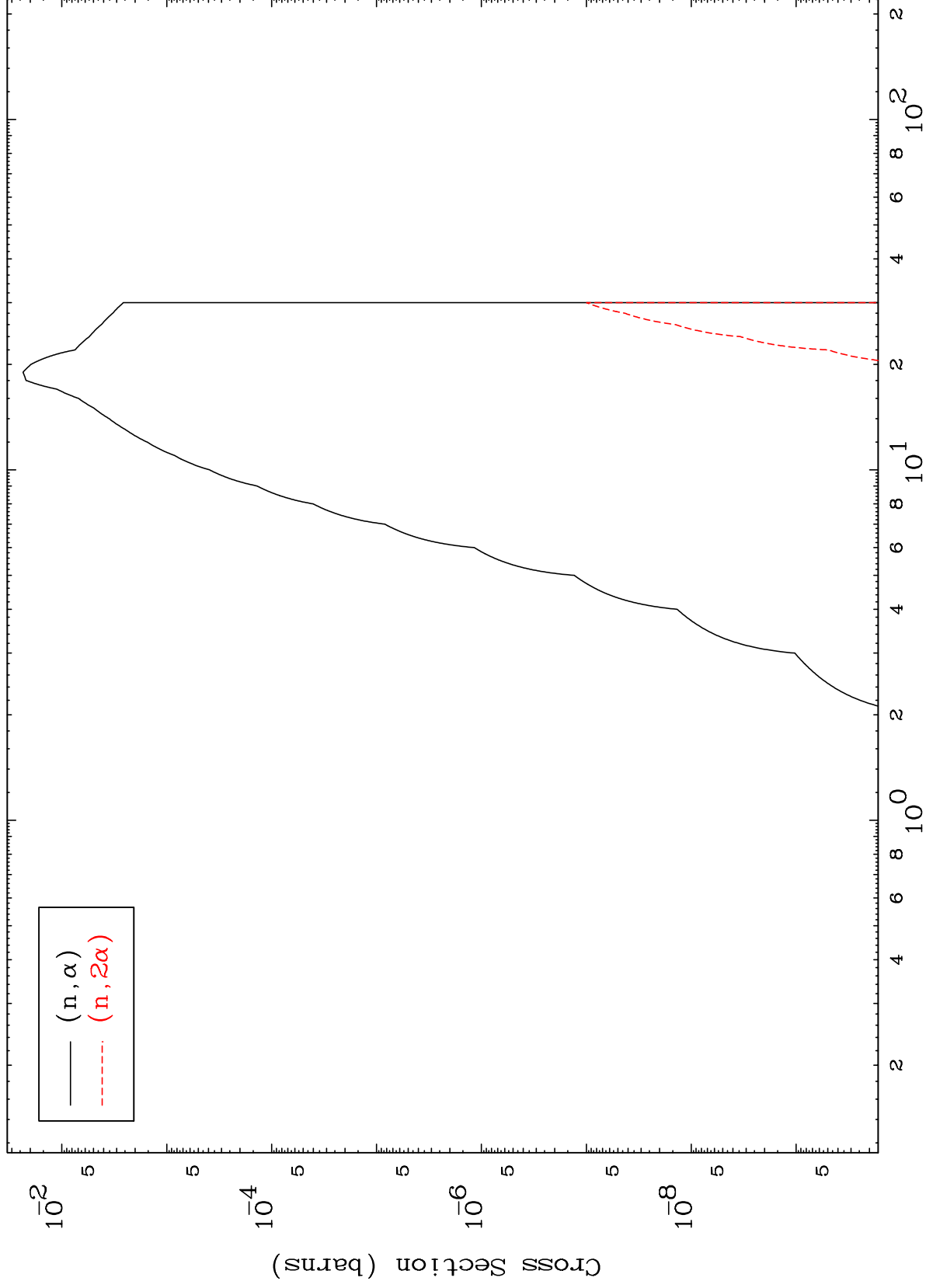


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Incident Energy (MeV)

56-Ba-139

(p, α) Levels
0 Kelvin Cross Sections

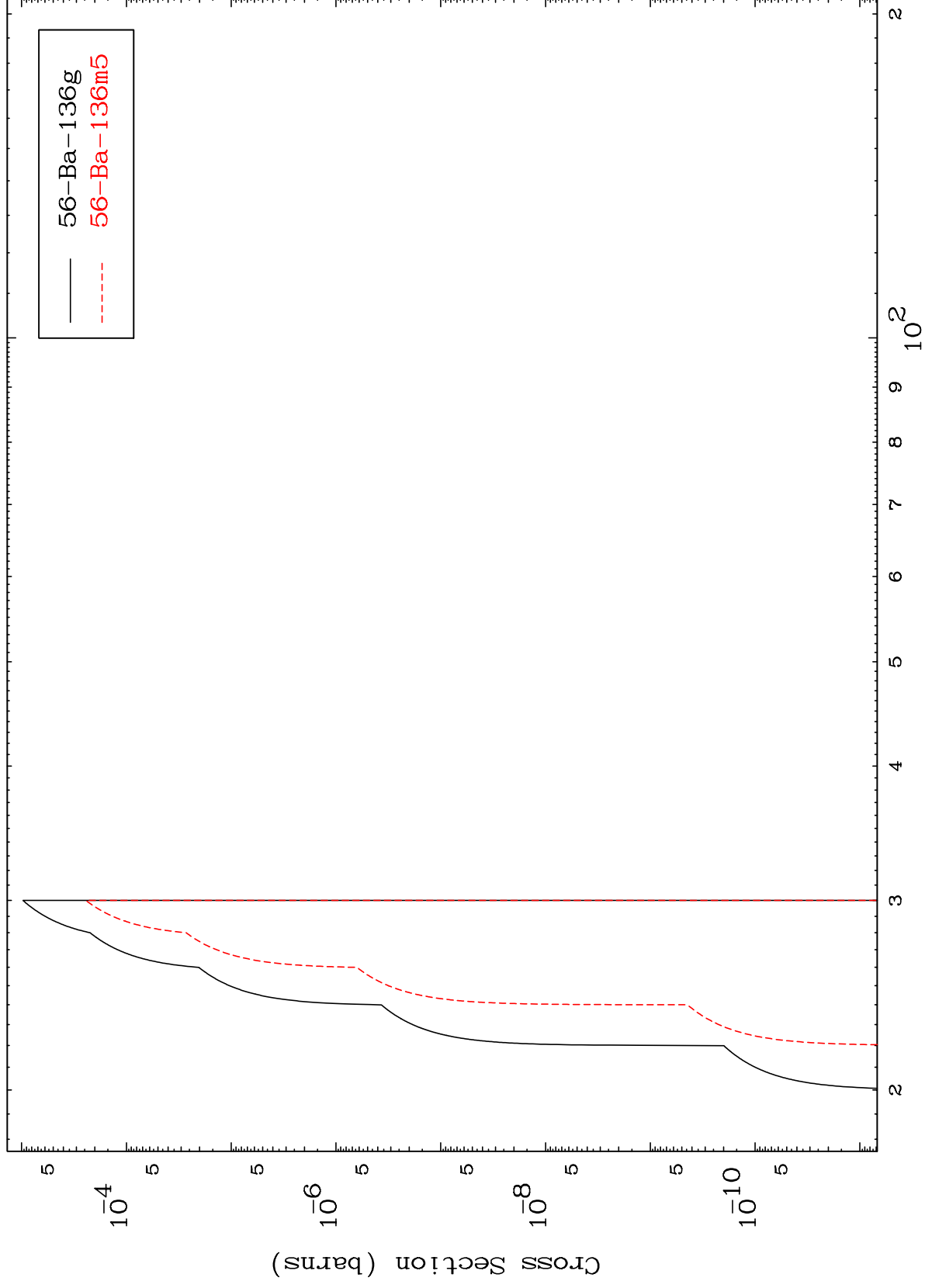


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(n,2n) d

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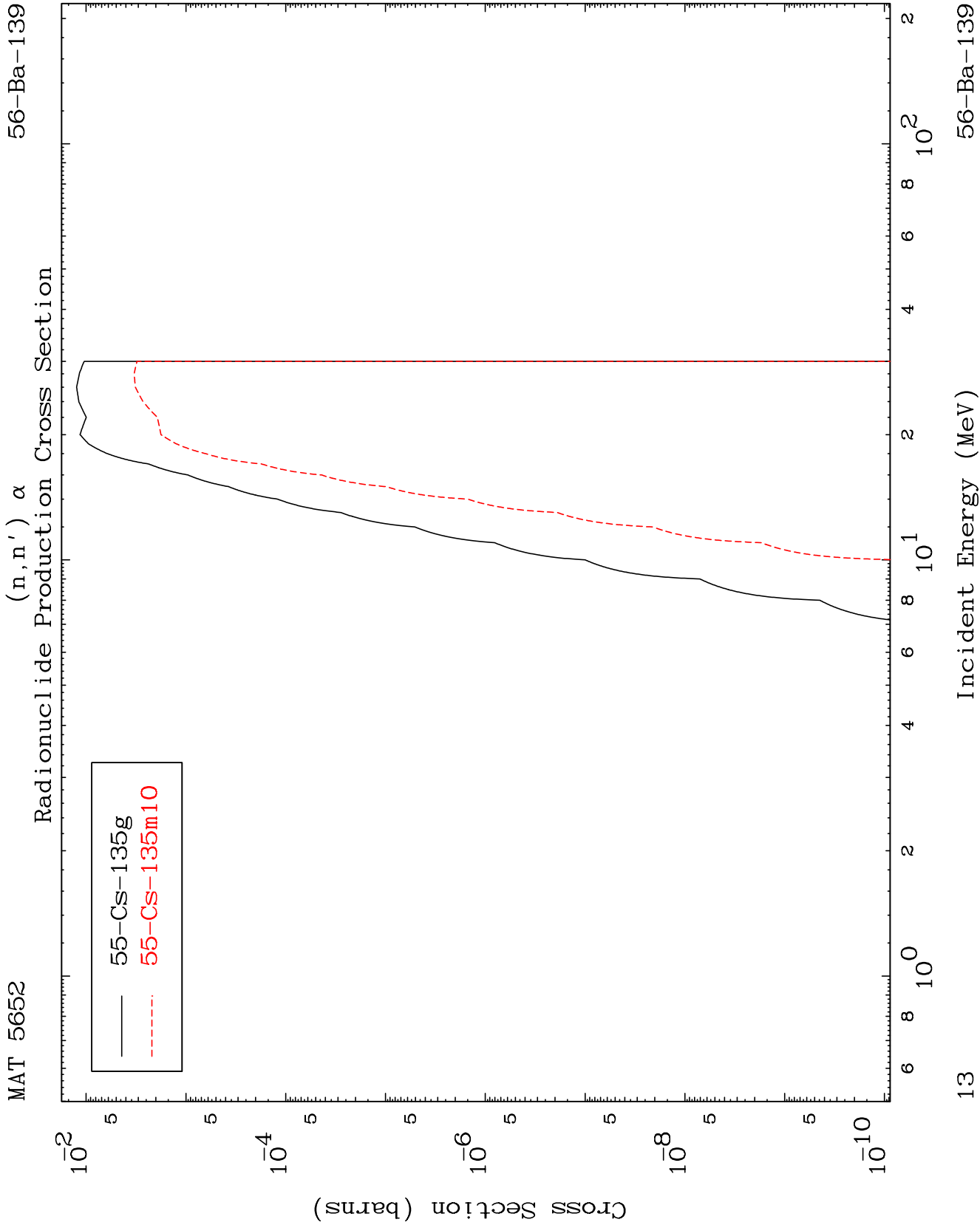
Radionuclide Production Cross Section



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Incident Energy (MeV)

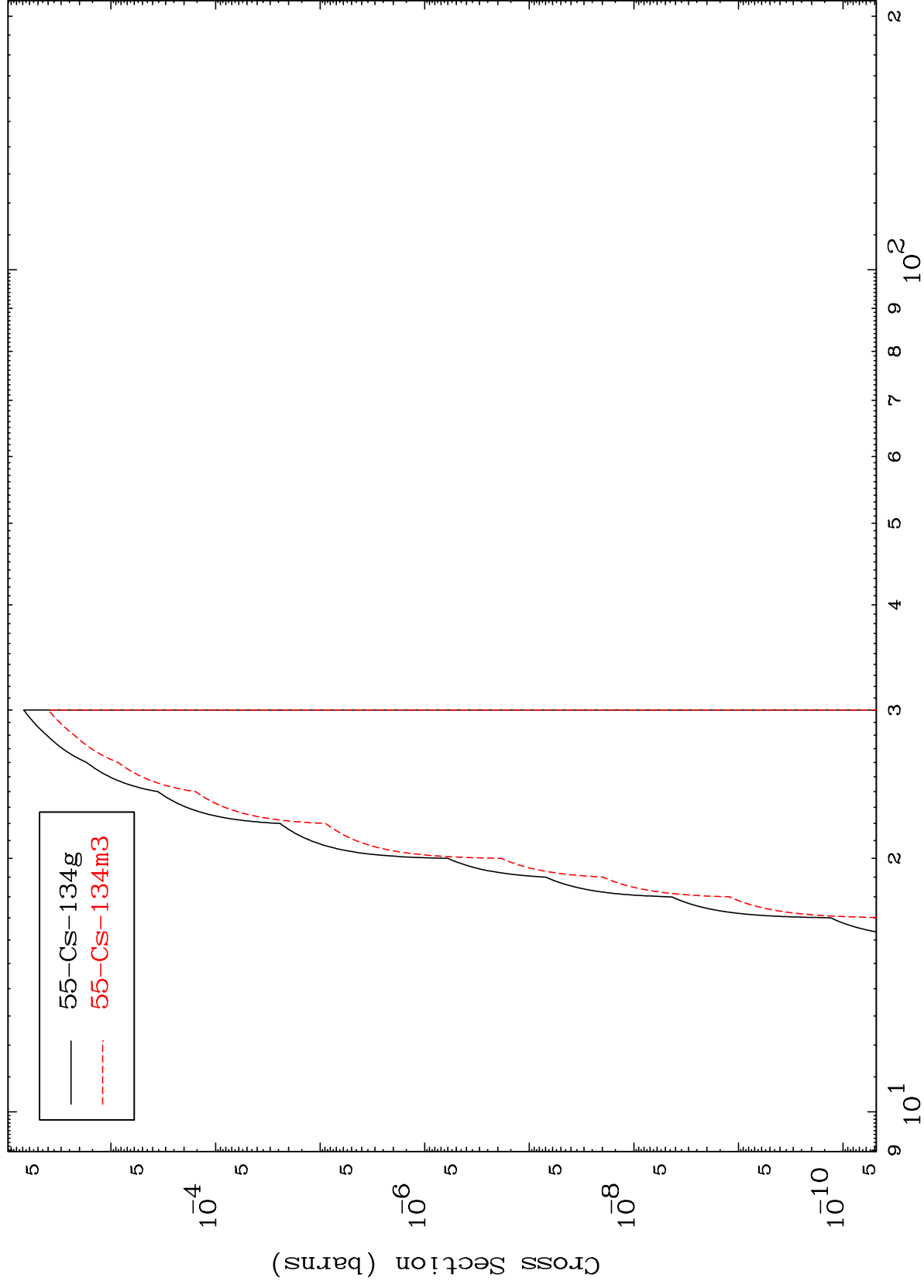
56-Ba-139



56-Ba-139

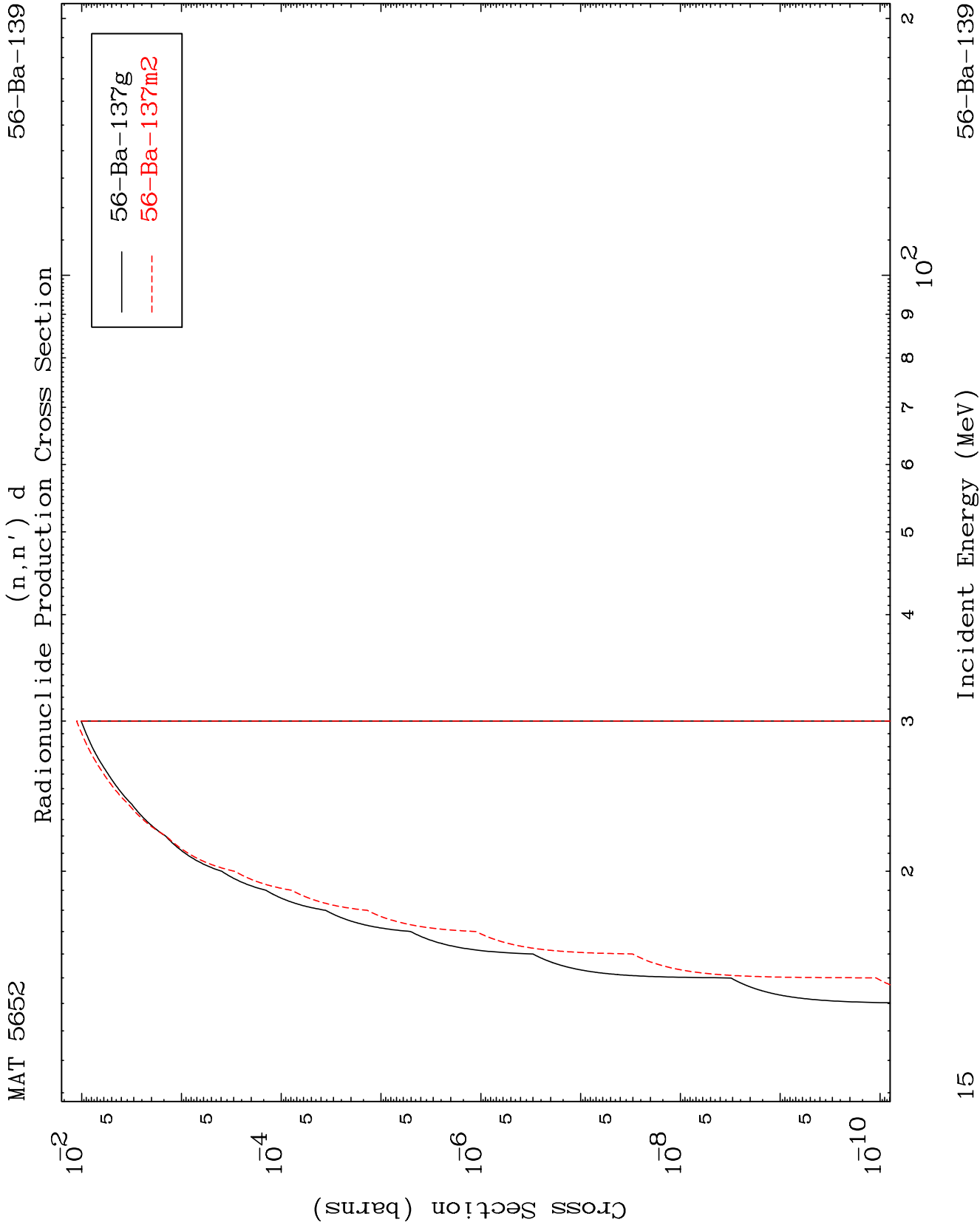
$$(n, 2n) \propto$$

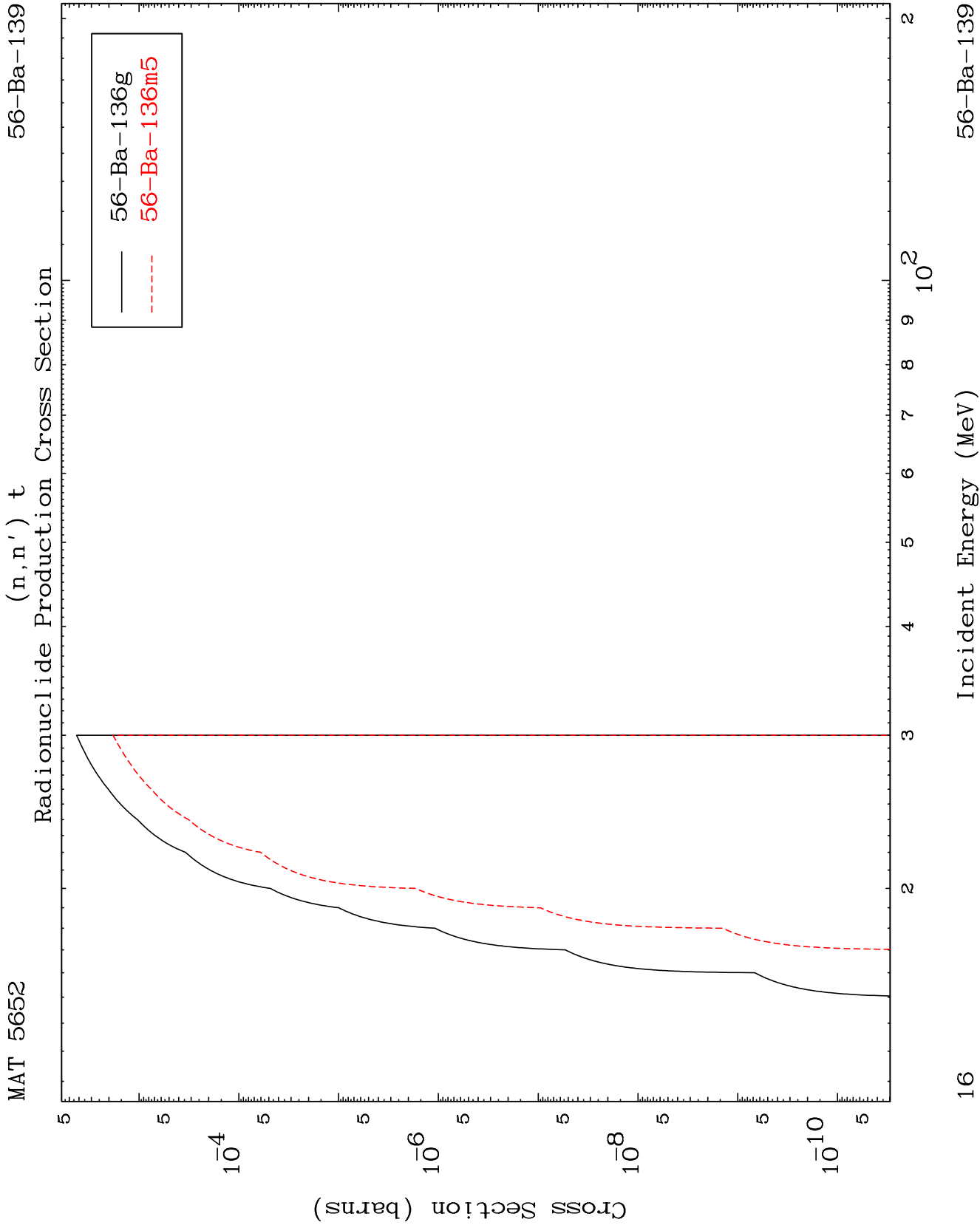
Radionuclide Production Cross Section

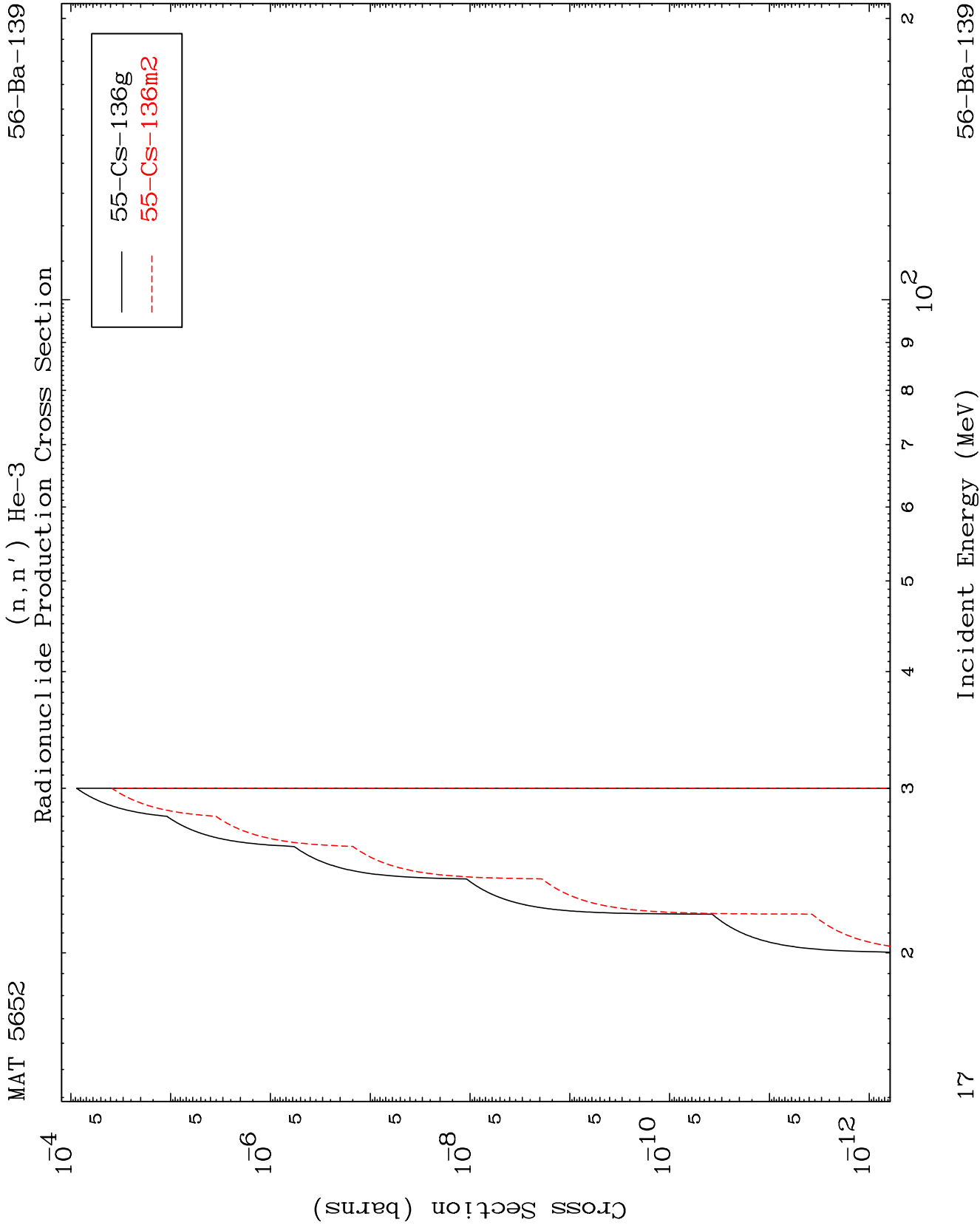


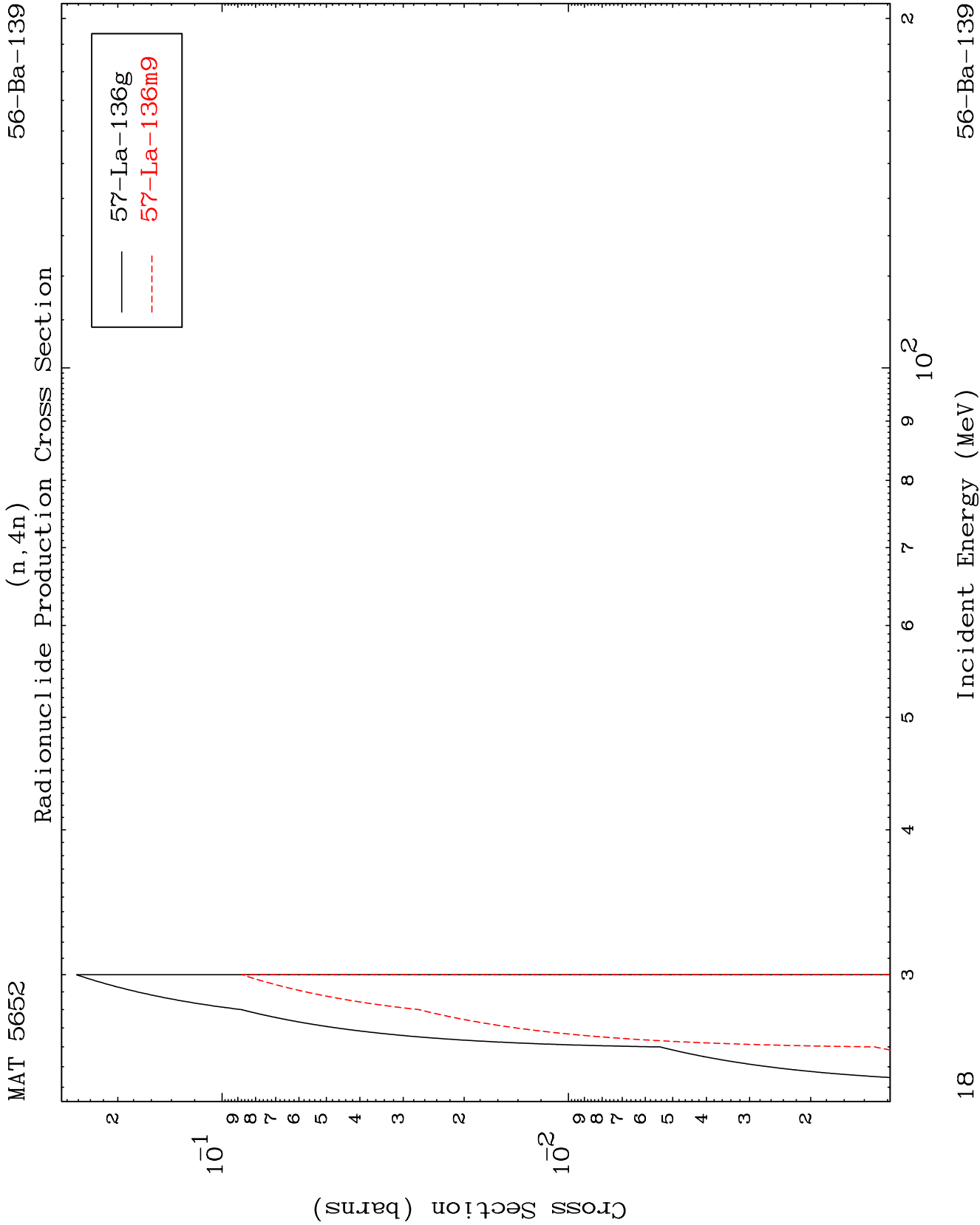
56-Ba-139

Incident Energy (MeV)





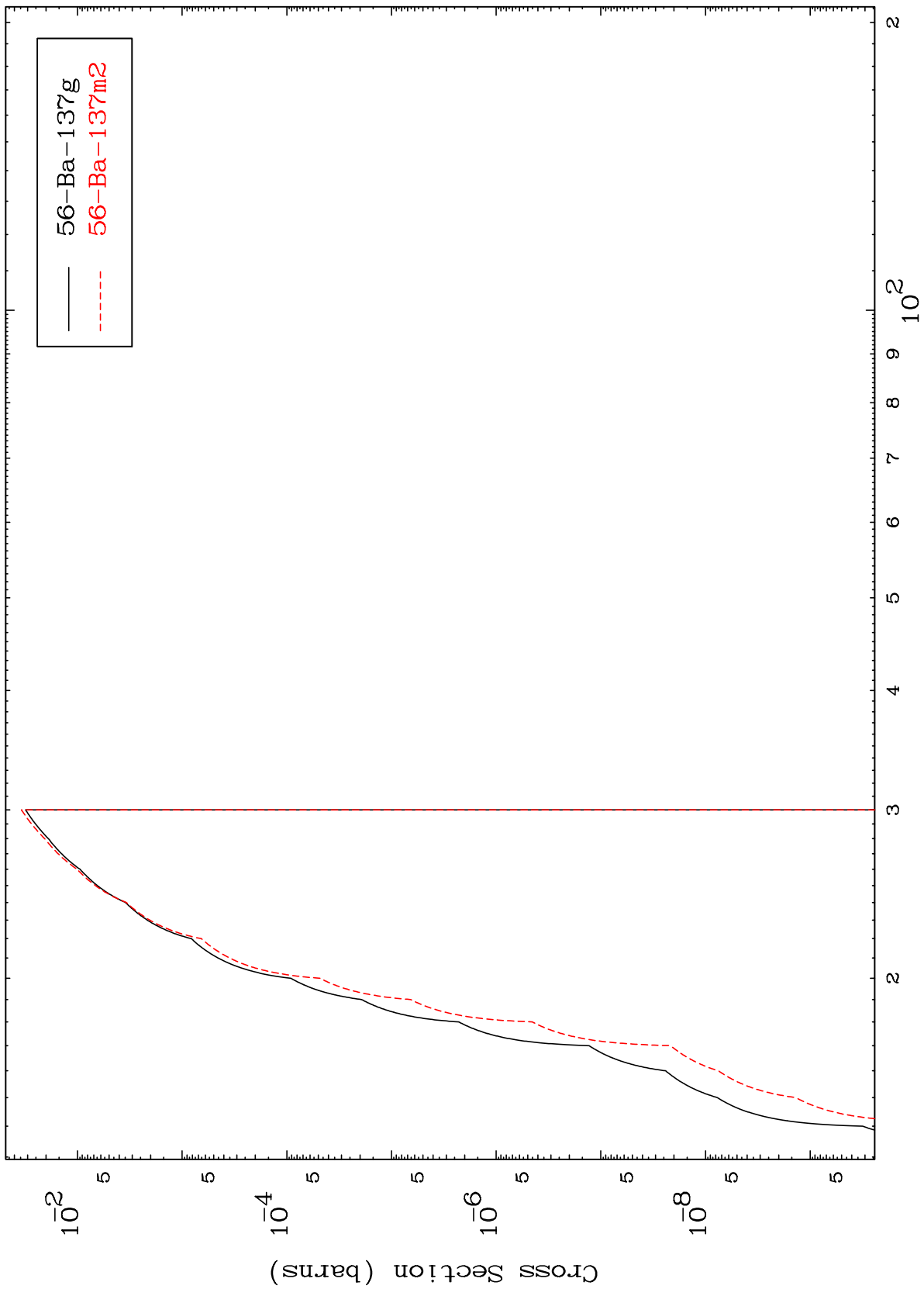




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(n,2n) p
Radionuclide Production Cross Section

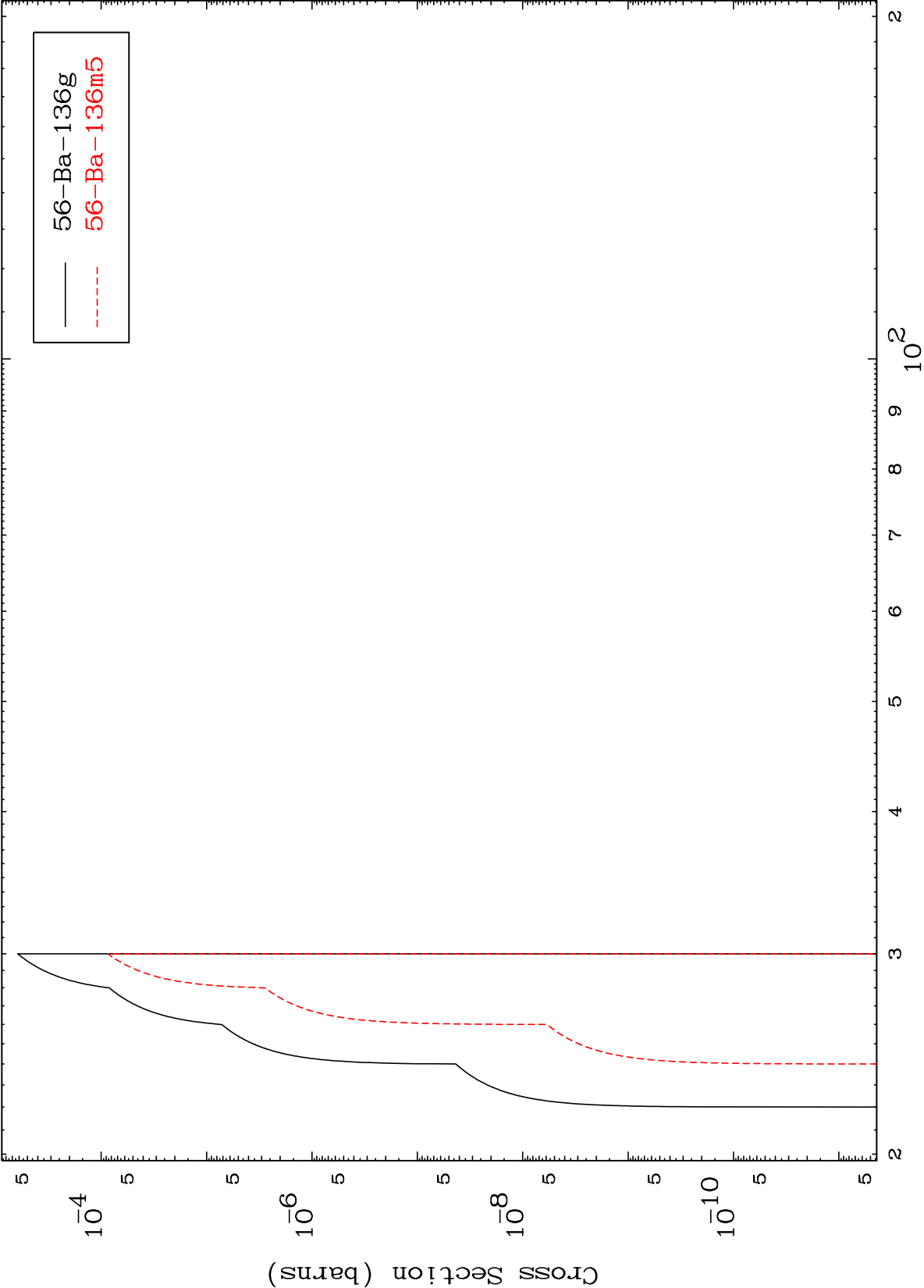


56-Ba-139

Incident Energy (MeV)

19

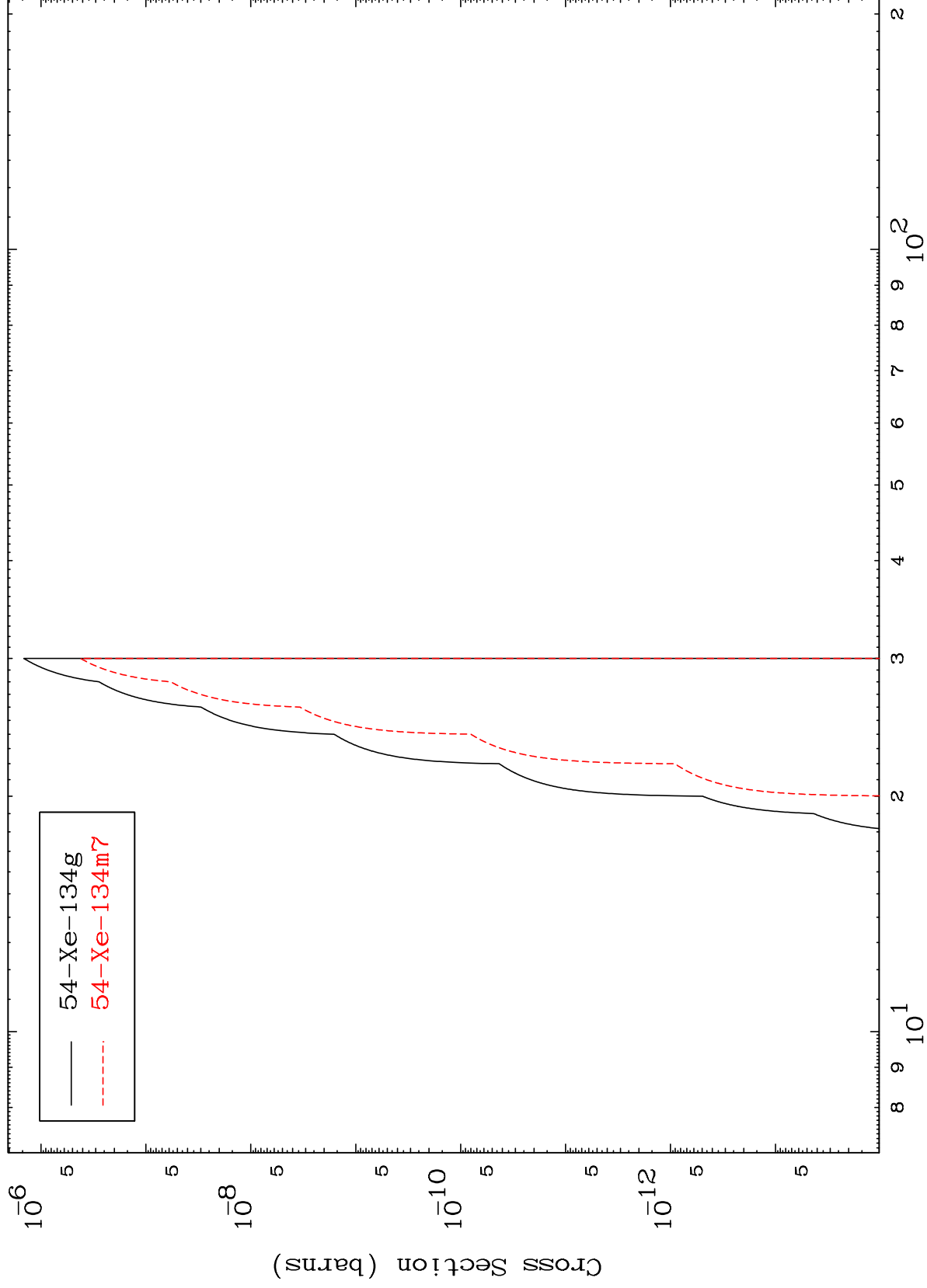
(n,3n) p
Radionuclide Production Cross Section



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(n,n') p α
Radionuclide Production Cross Section



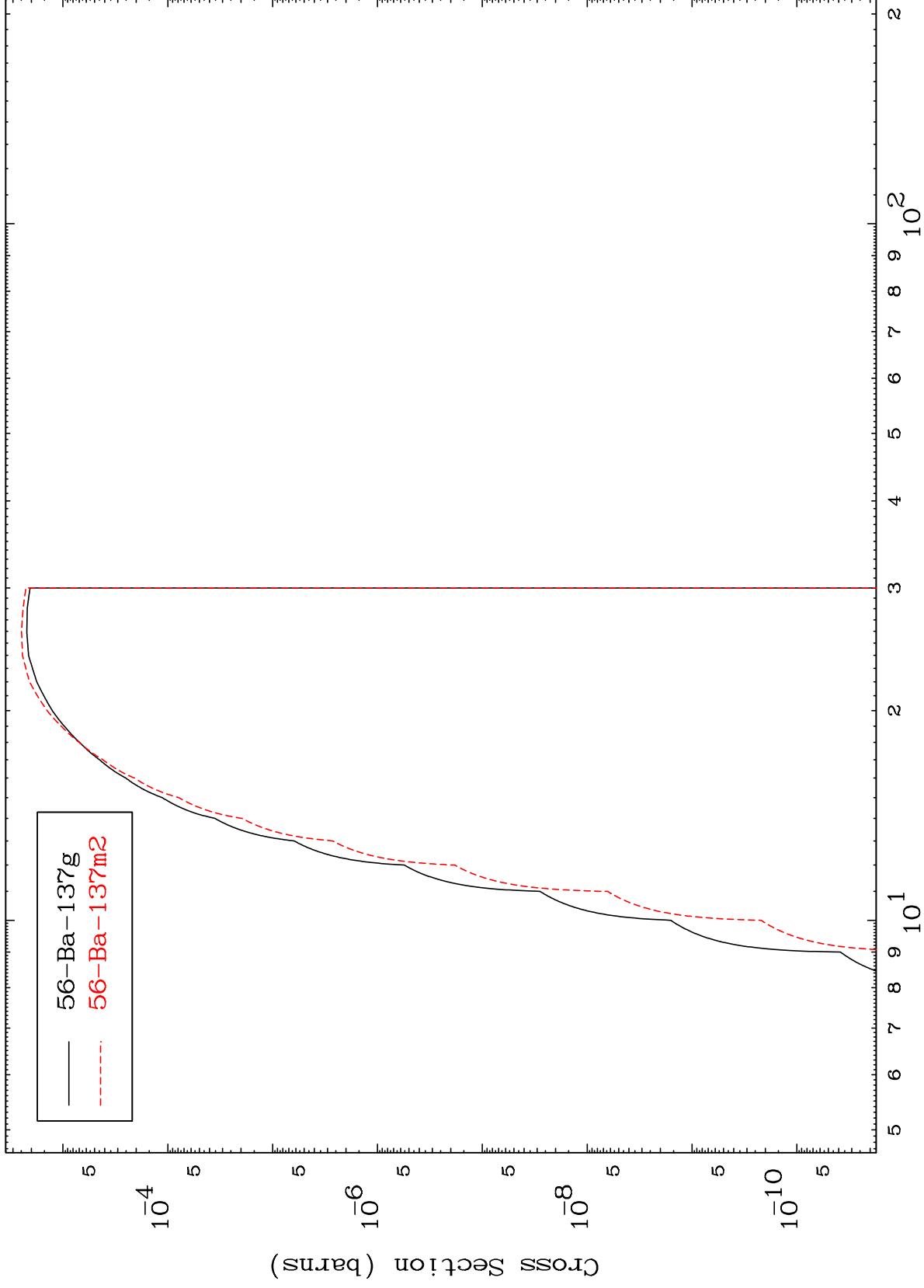
21

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56-Ba-139

Radionuclide Production Cross Section
(n,t)

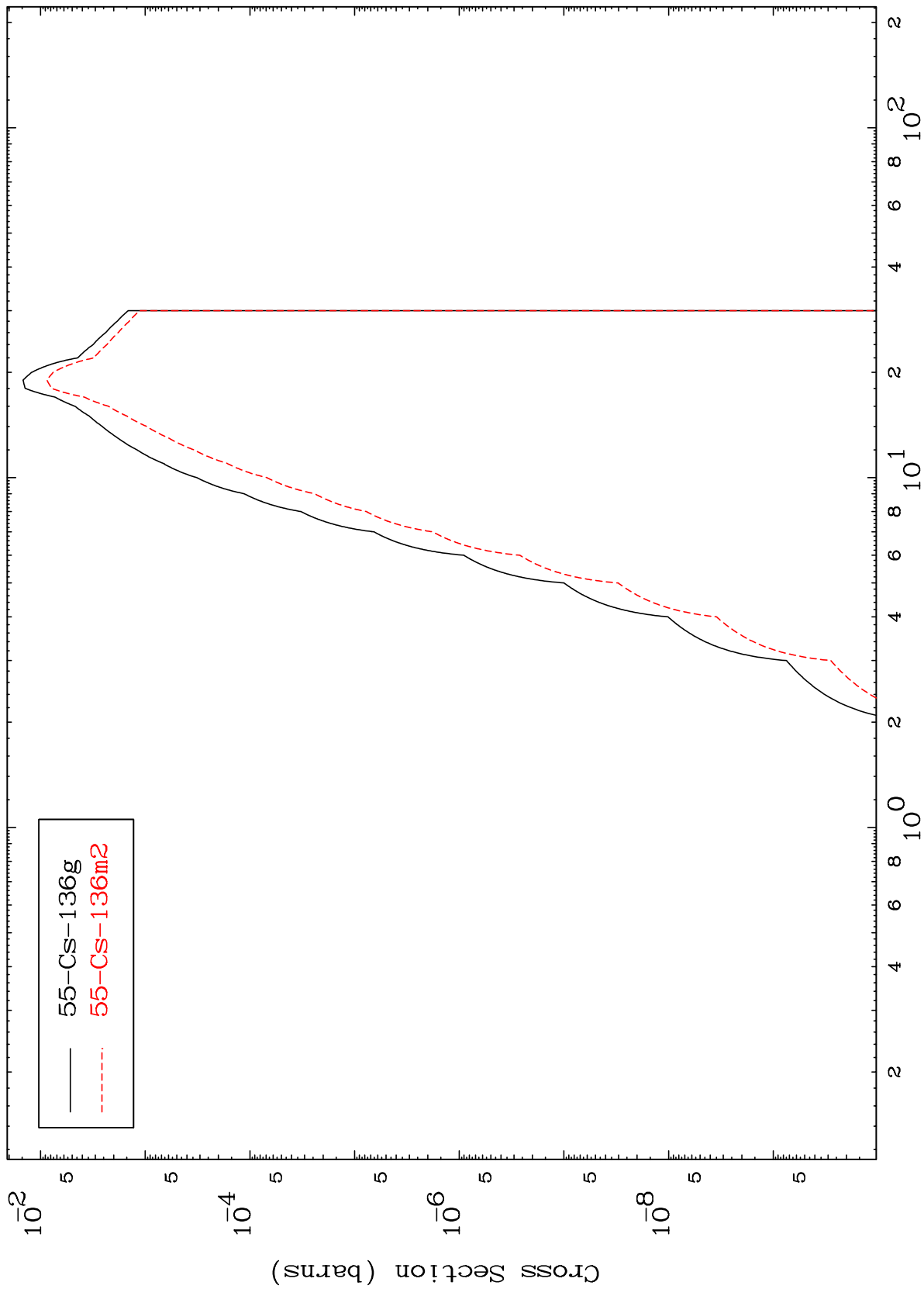


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Incident Energy (MeV)

22

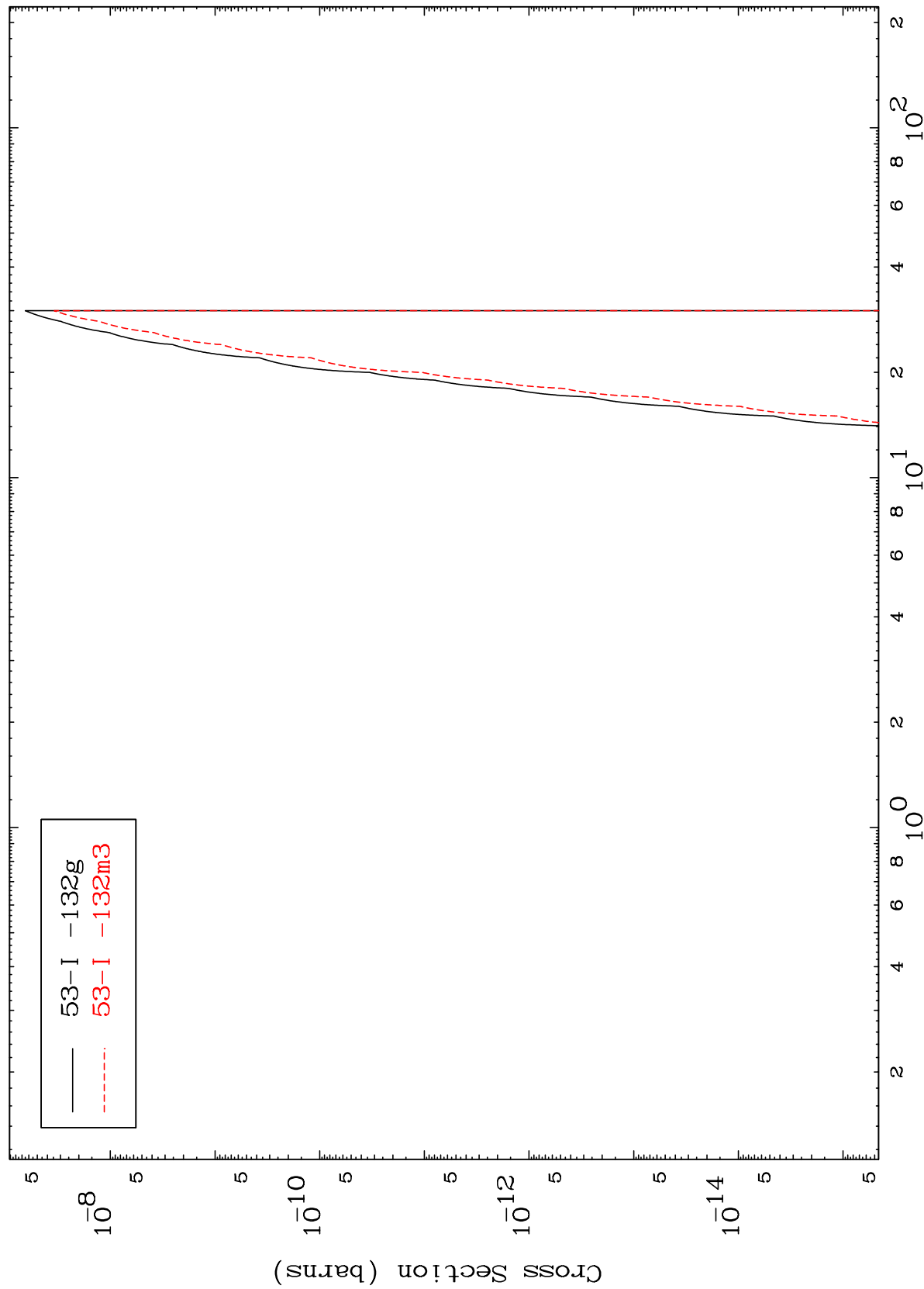
Radionuclide Production Cross Section
(n, α)



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Radionuclide Production Cross Section
(n,2 α)



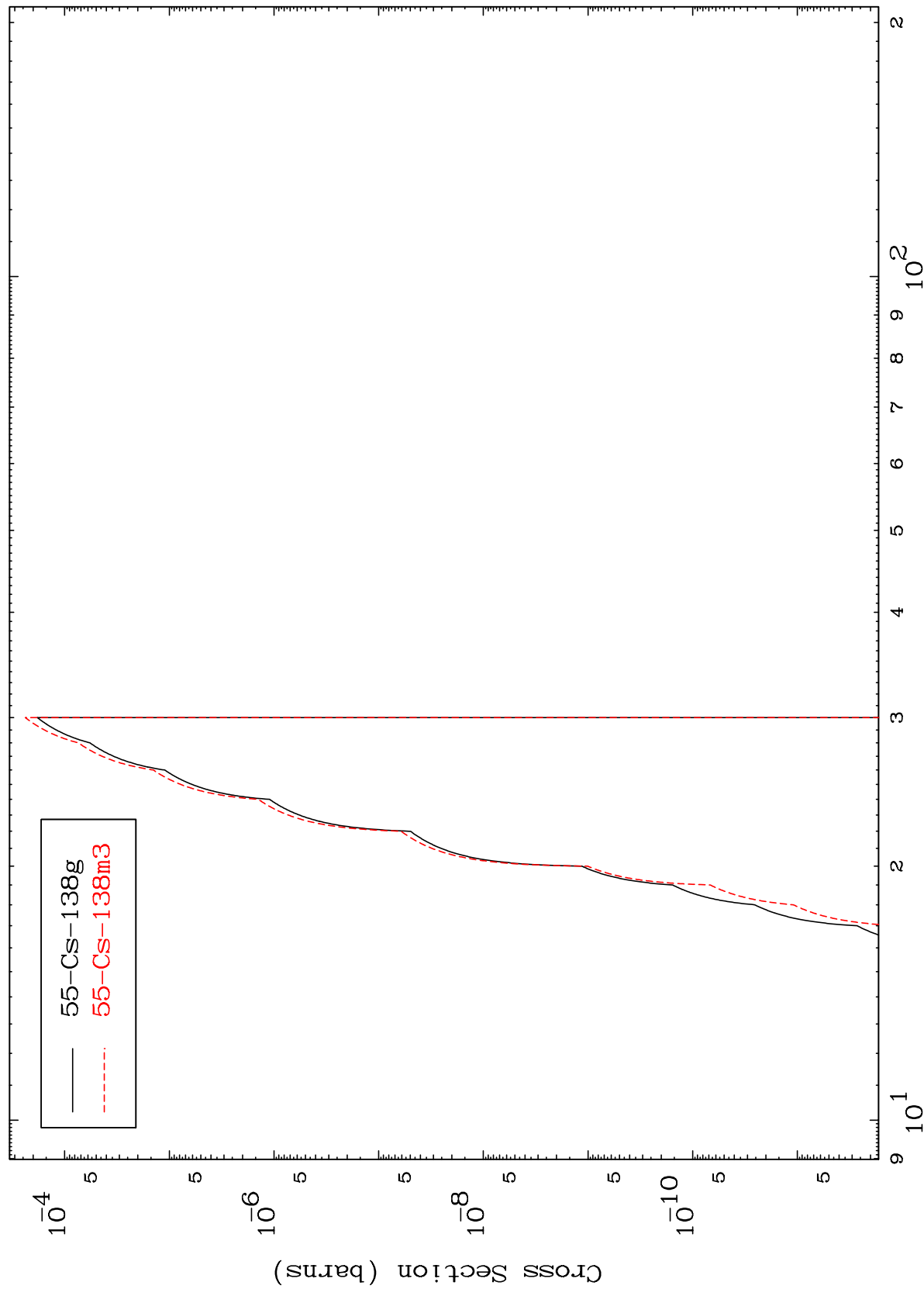
24

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Radionuclide Production Cross Section
(n,2p)



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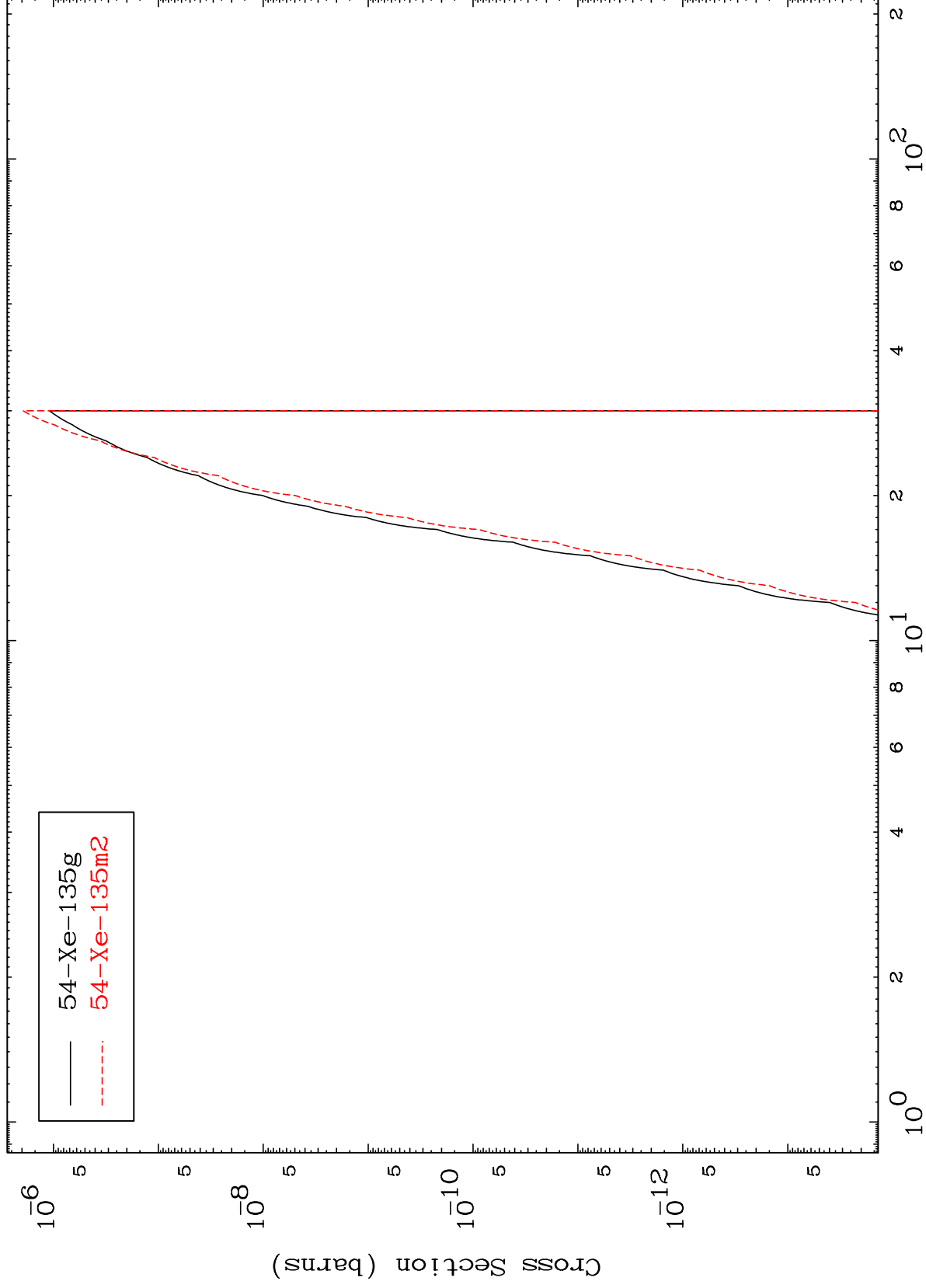
Incident Energy (MeV)

25

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56-Ba-139

(n,p) α
Radionuclide Production Cross Section

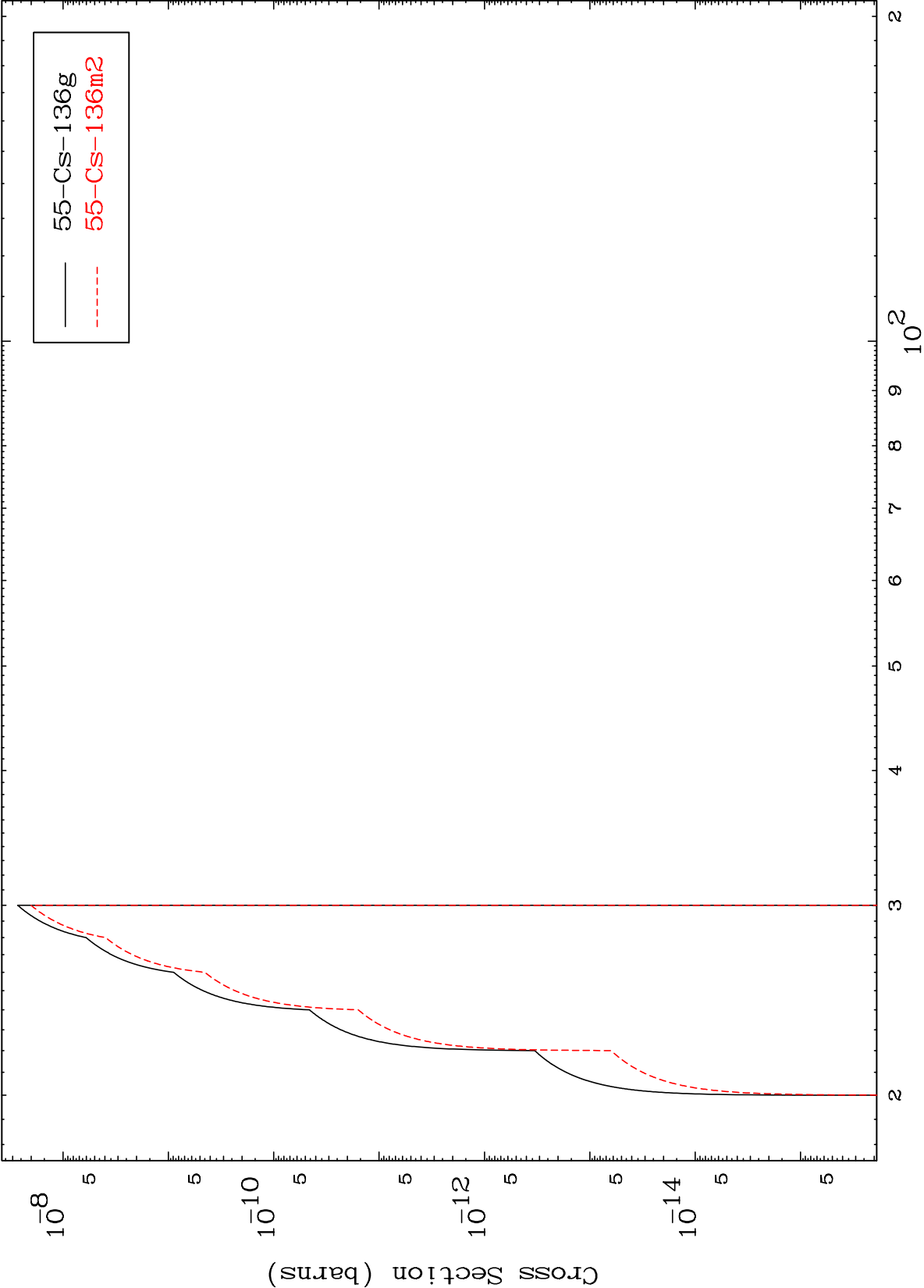


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Incident Energy (MeV)

26

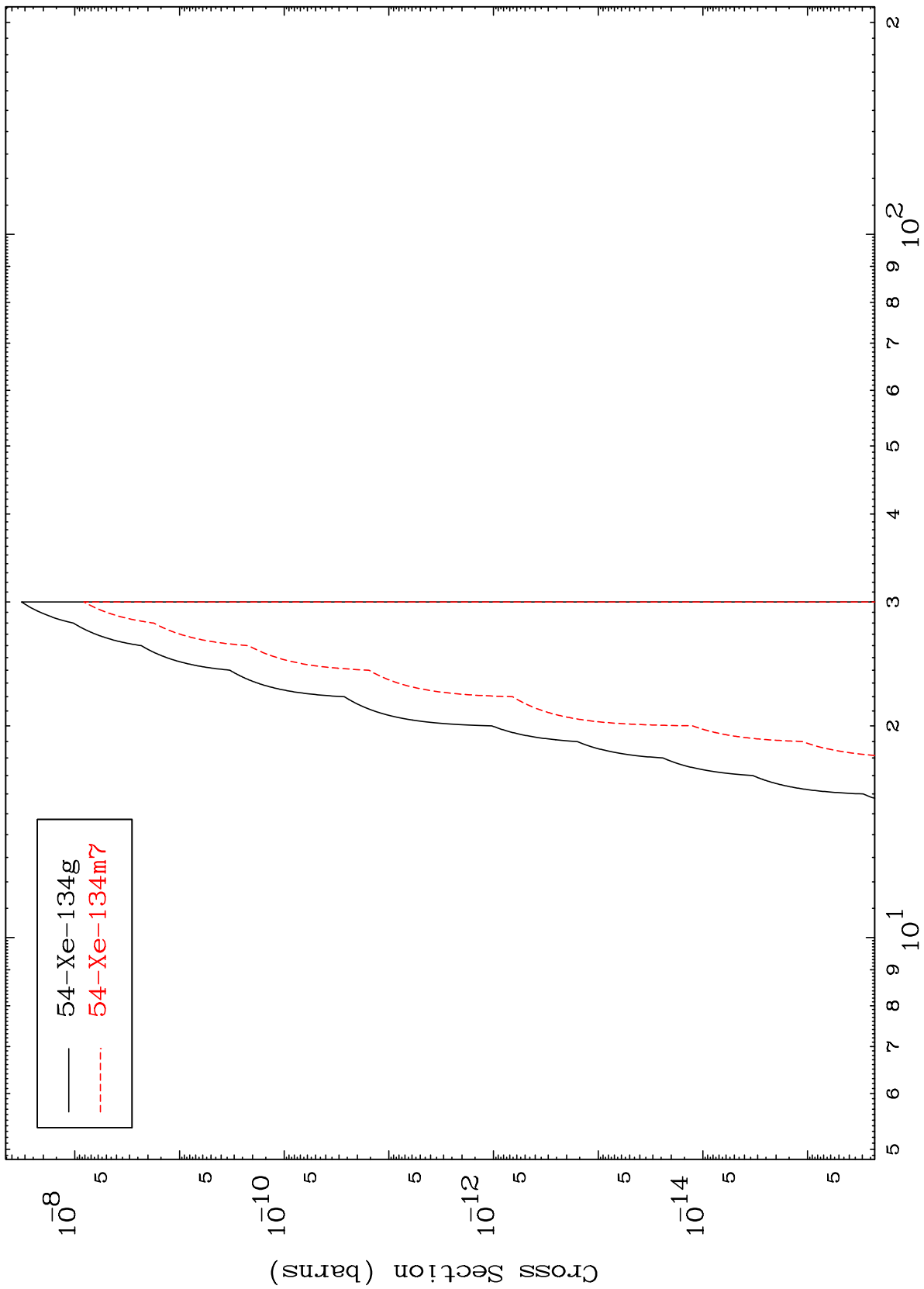
Radionuclide Production Cross Section



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(n,d) α
Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-139