

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

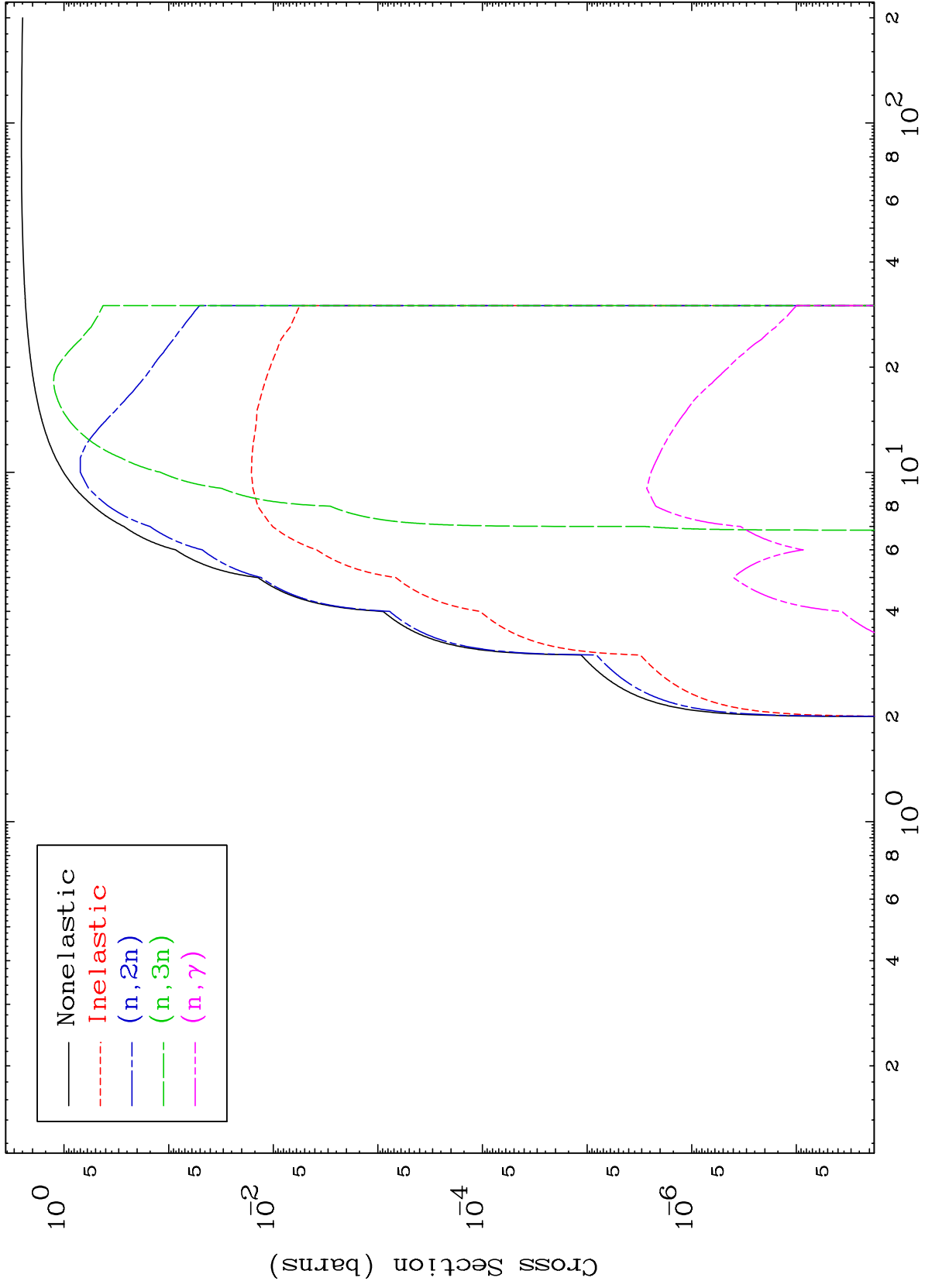
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

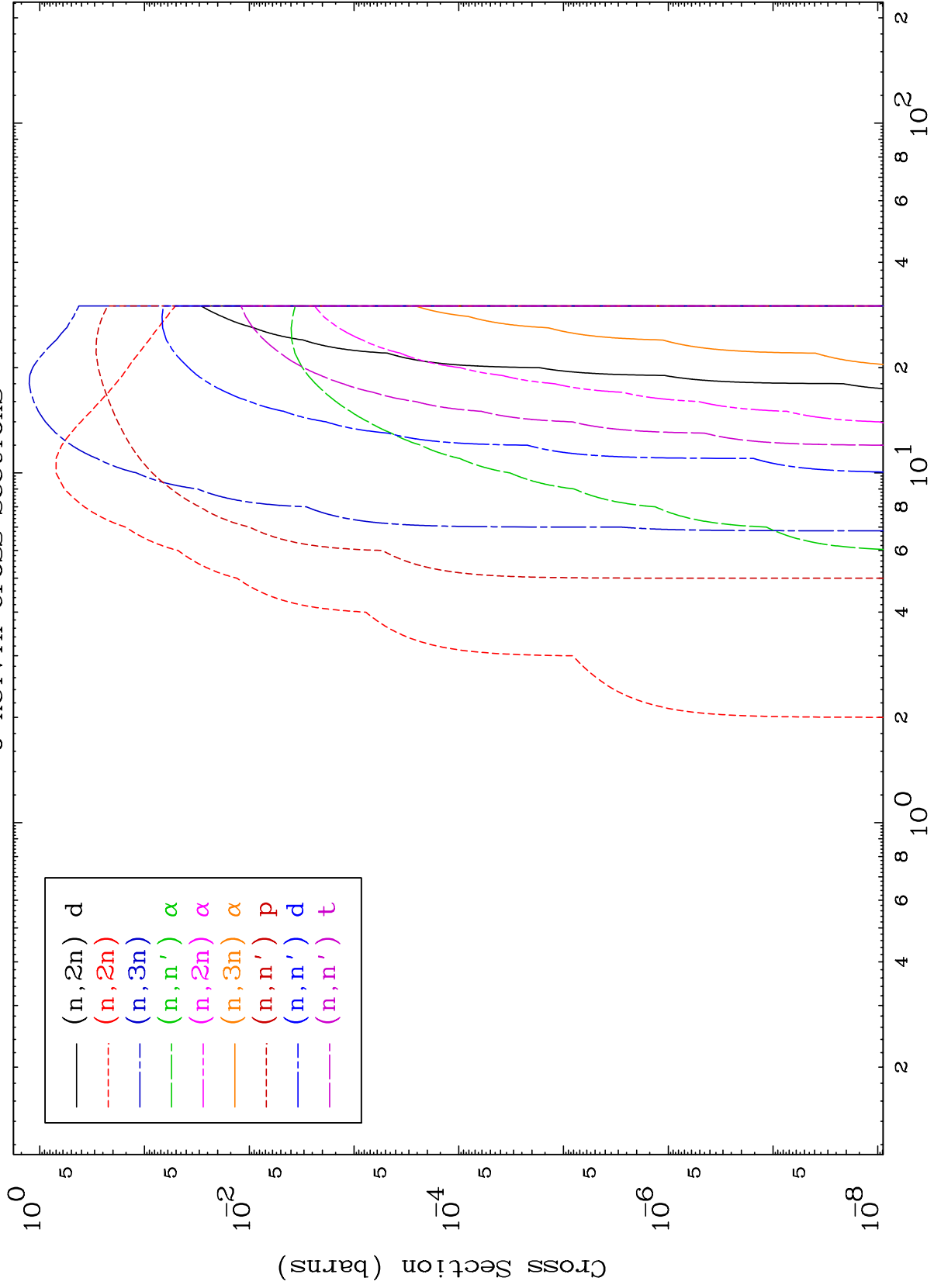
Tele: 925-443-1911

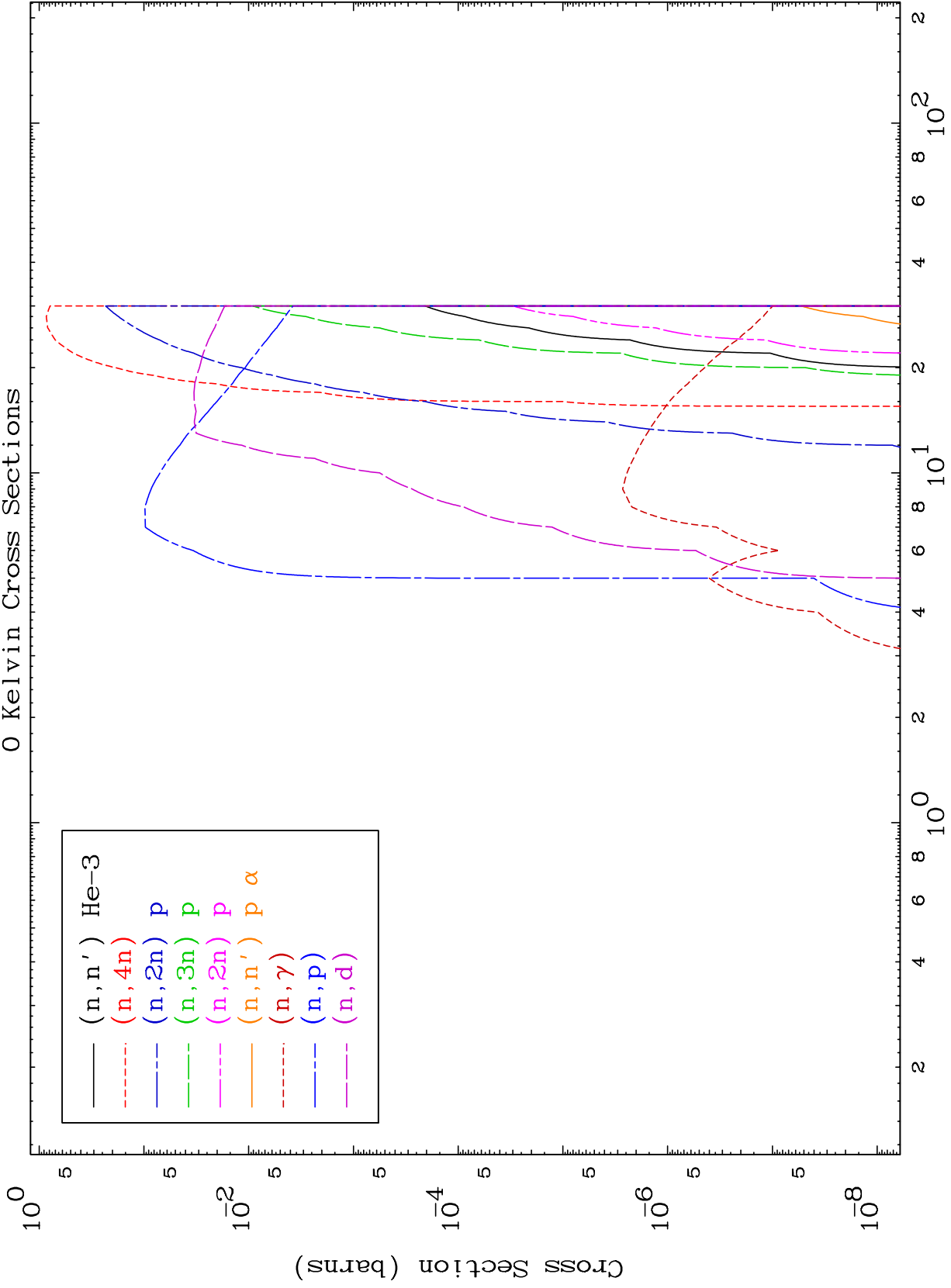
E.Mail:redcullen1@comcast.net

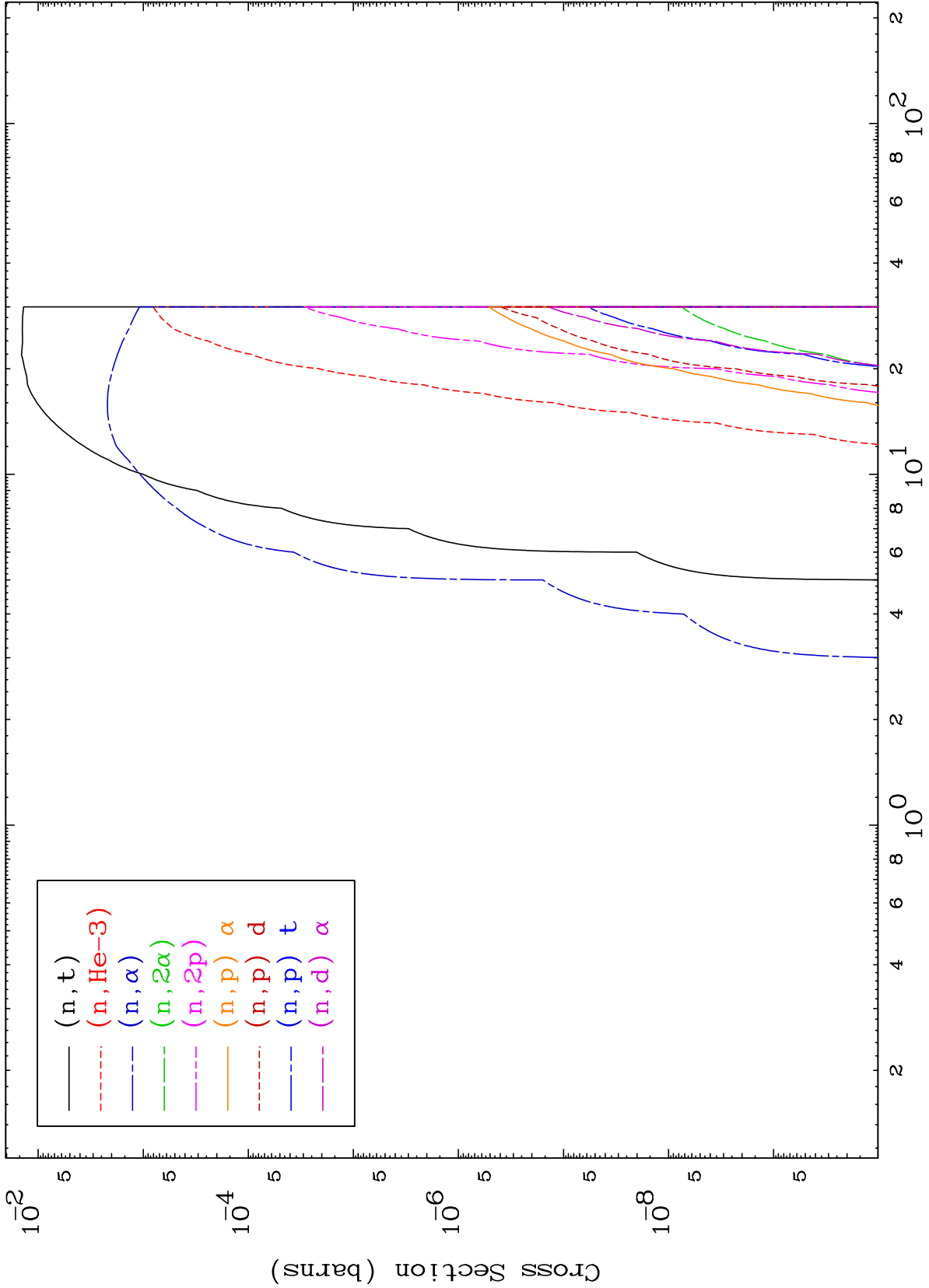
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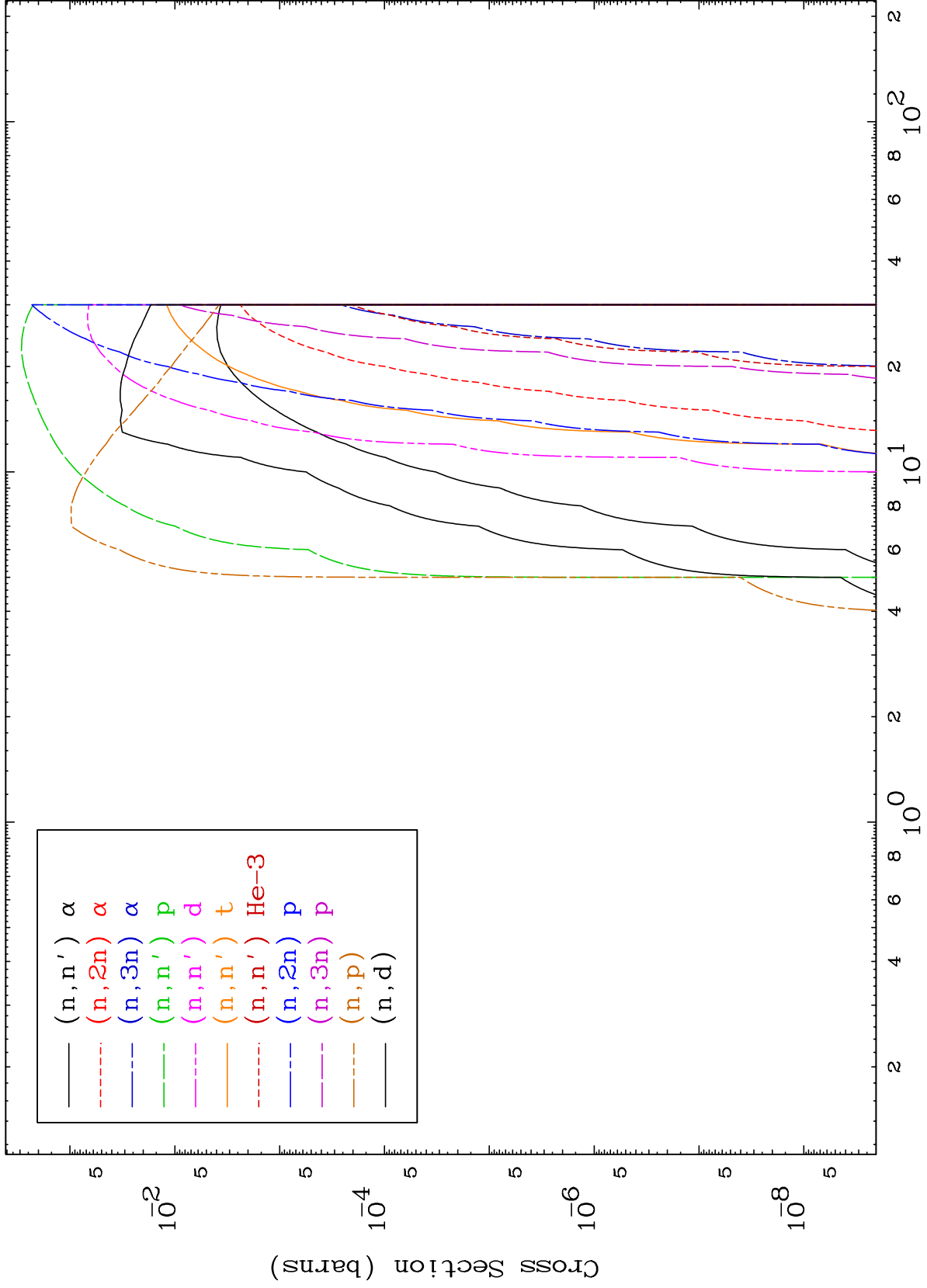
Press Mouse Button to Start

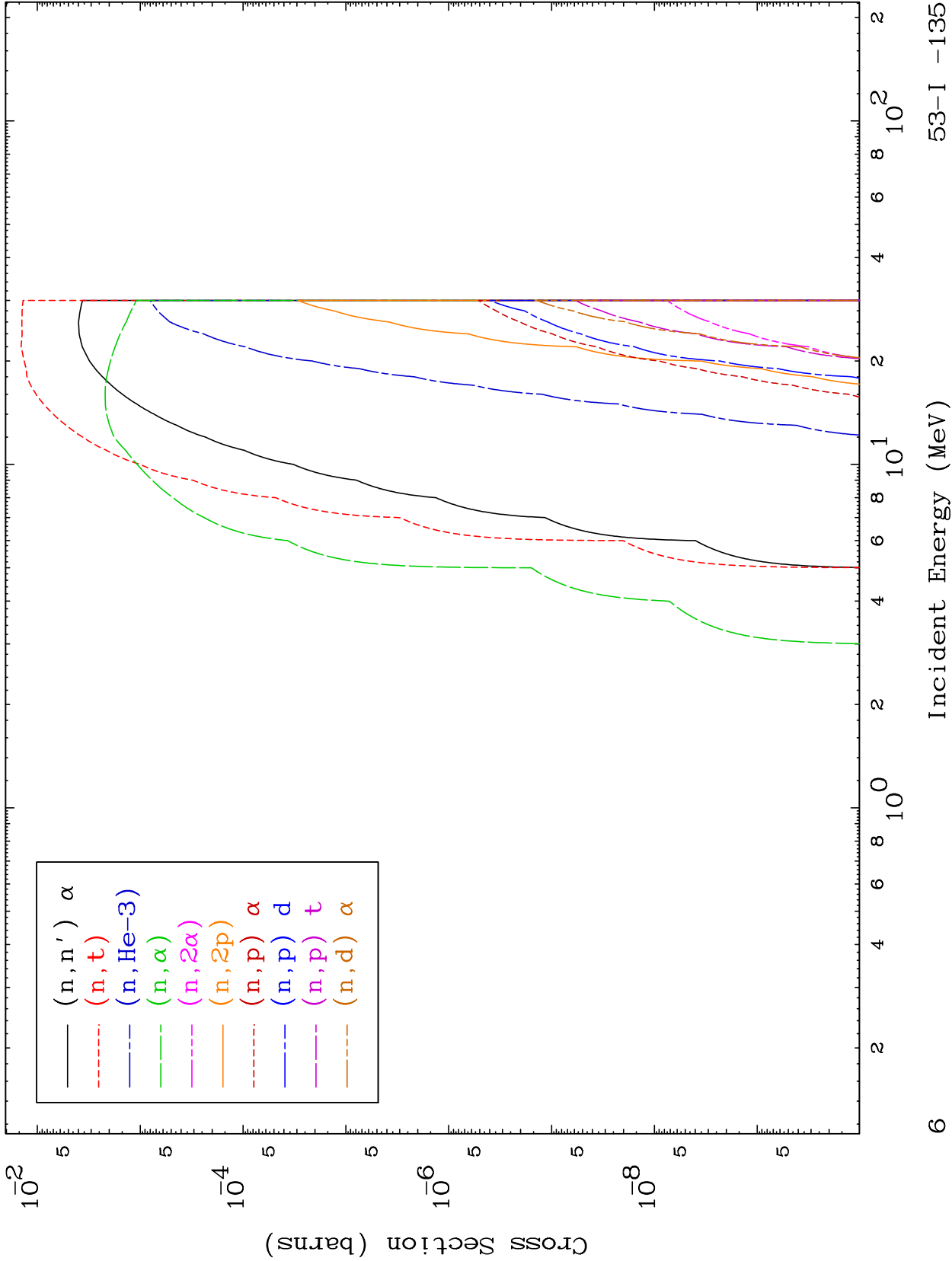










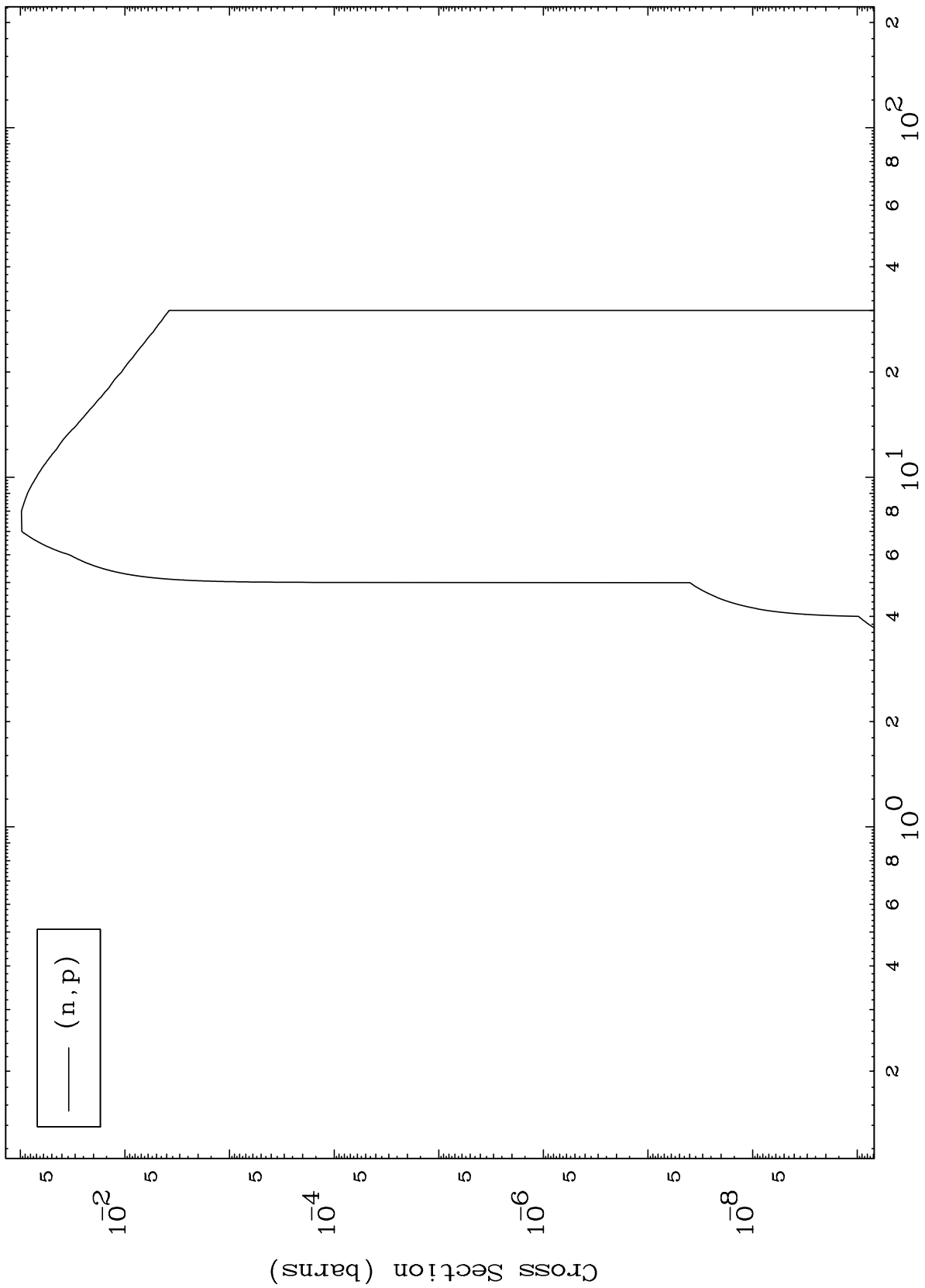


MAT 5349

(d,p) Levels

53-I -135

0 Kelvin Cross Sections

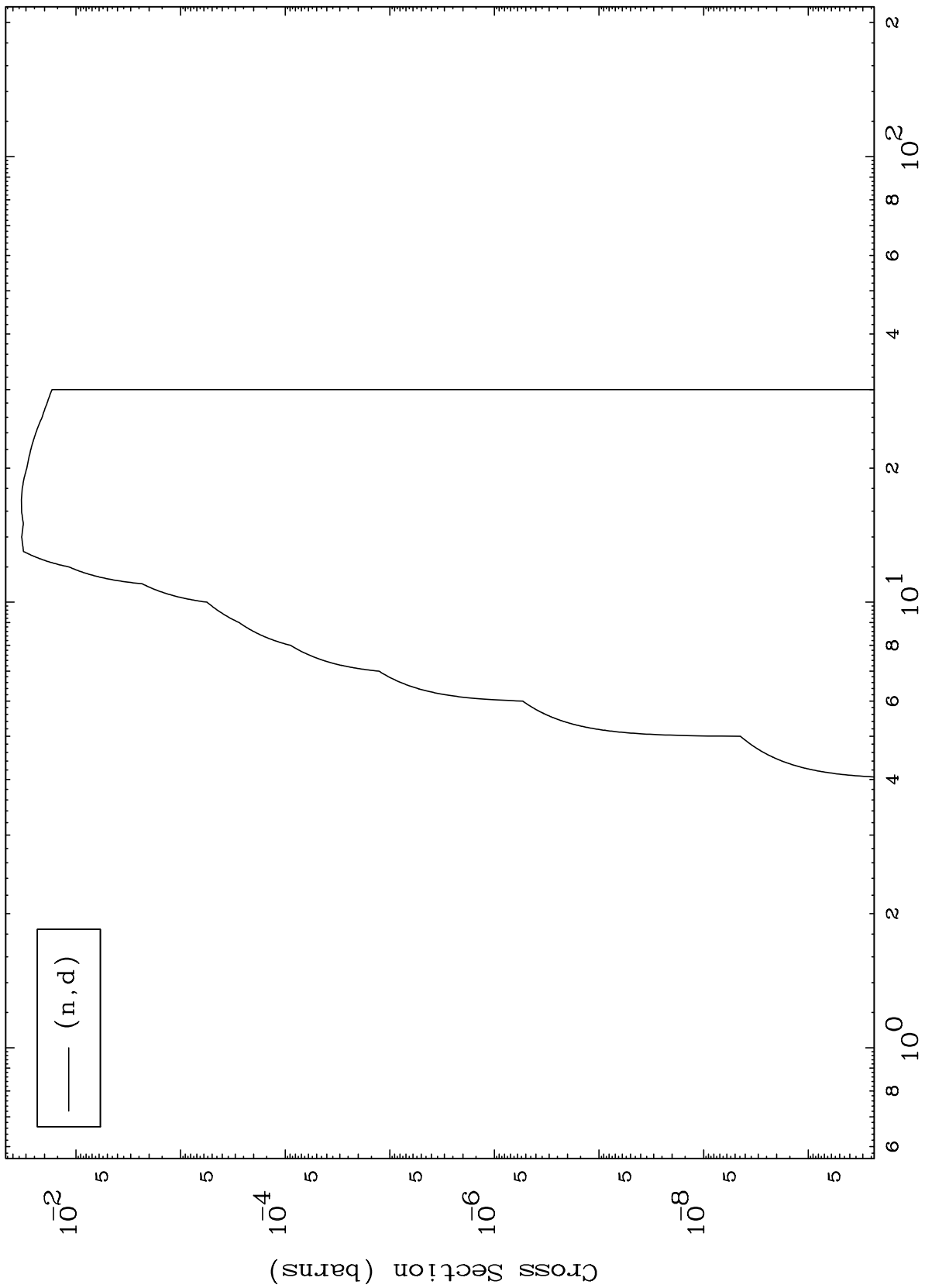


MAT 5349

(d,d) Levels

53-I -135

0 Kelvin Cross Sections

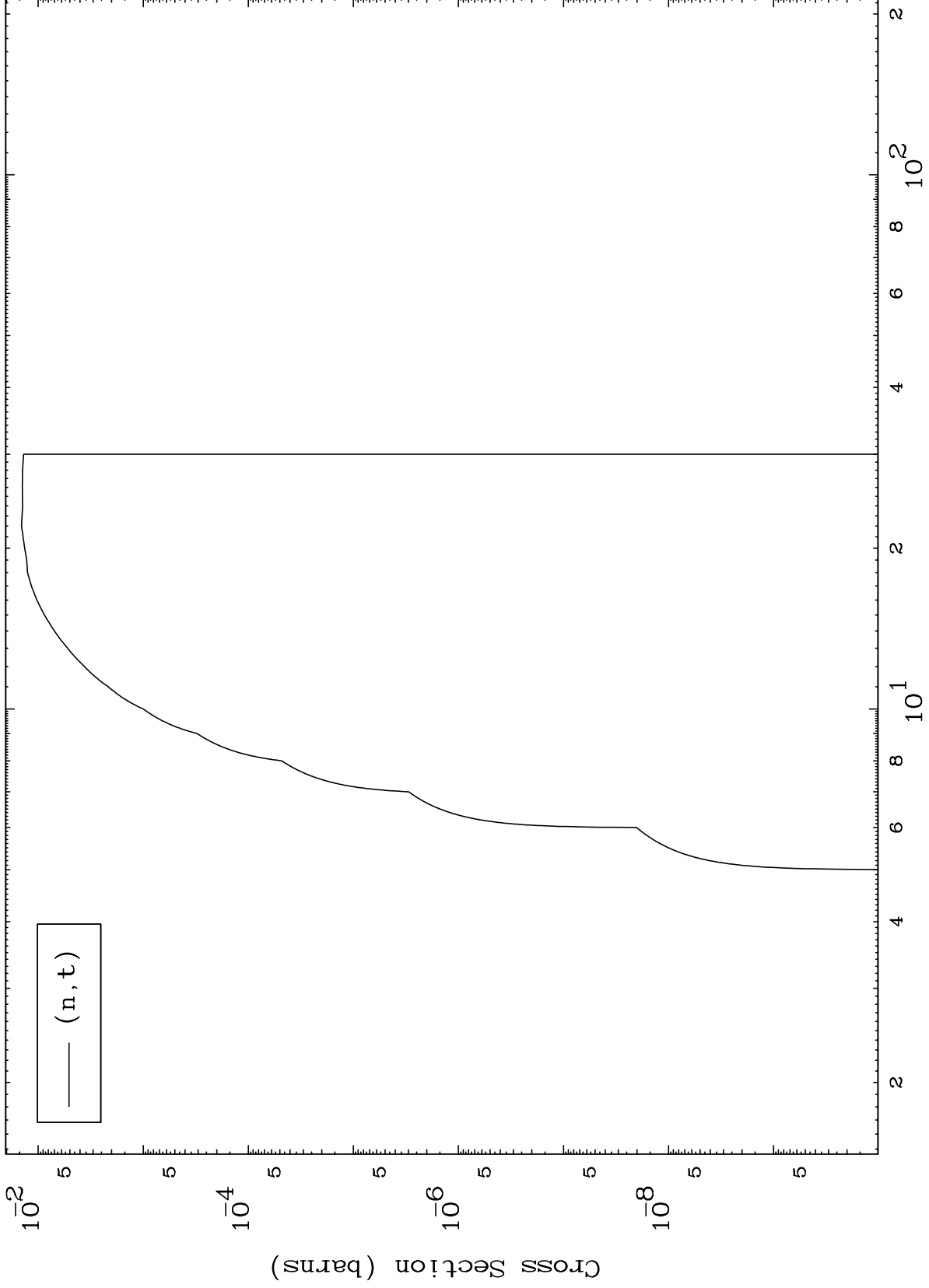


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Incident Energy (MeV)

53-I -135

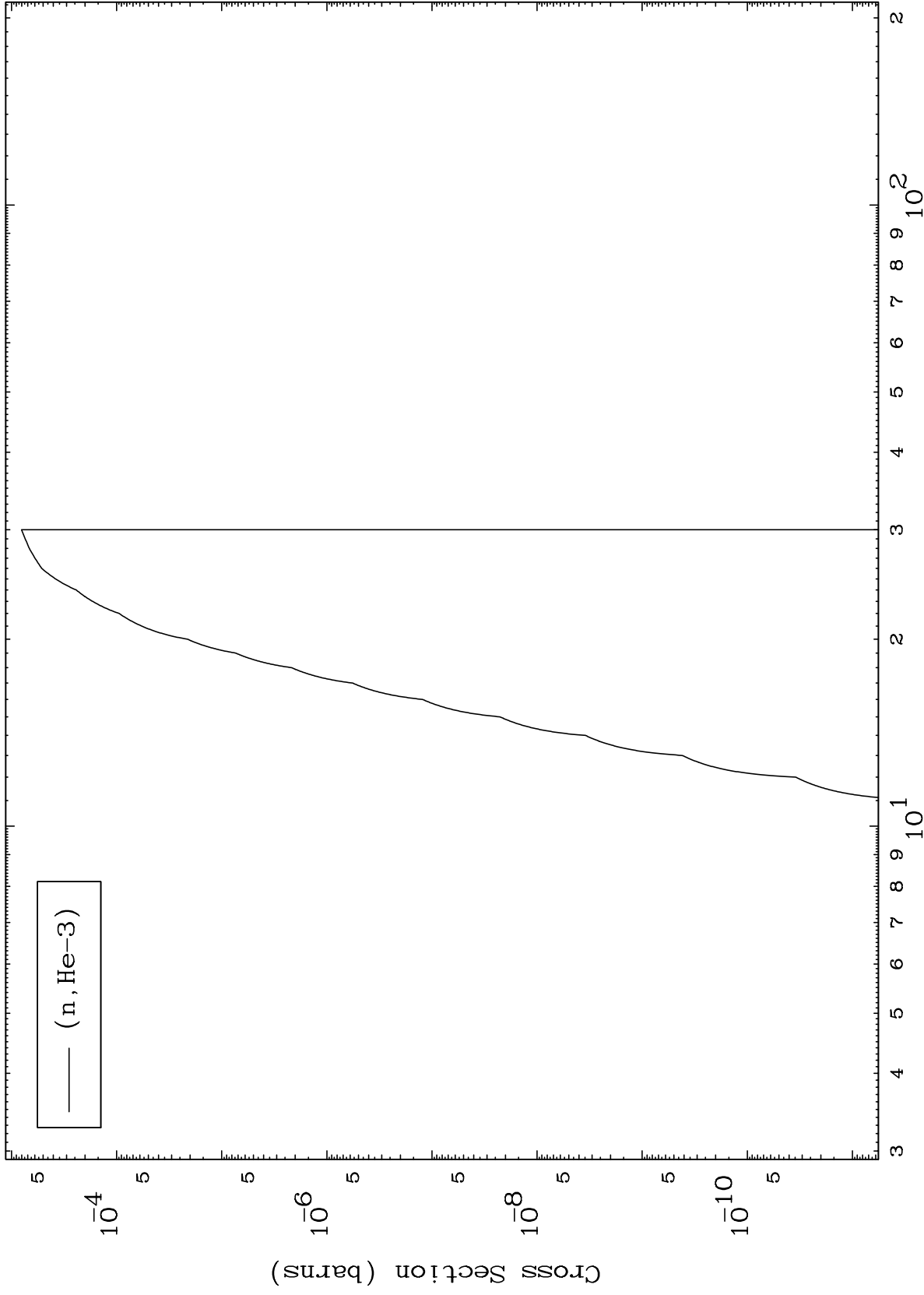
0 Kelvin Cross Sections



MAT 5349

(d,He3) Levels
0 Kelvin Cross Sections

53-I -135

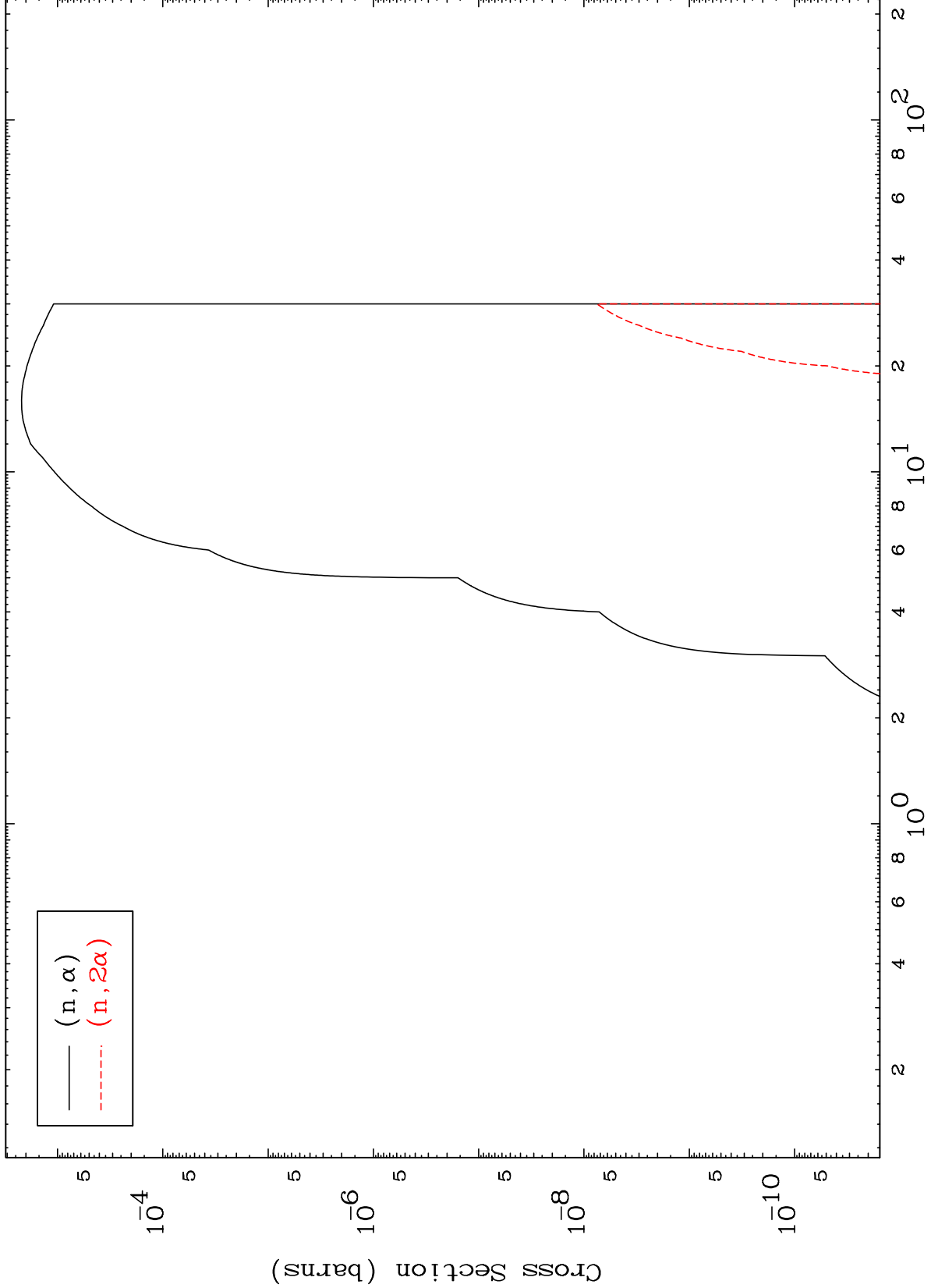


10

Incident Energy (MeV)

53-I -135

0 Kelvin Cross Sections

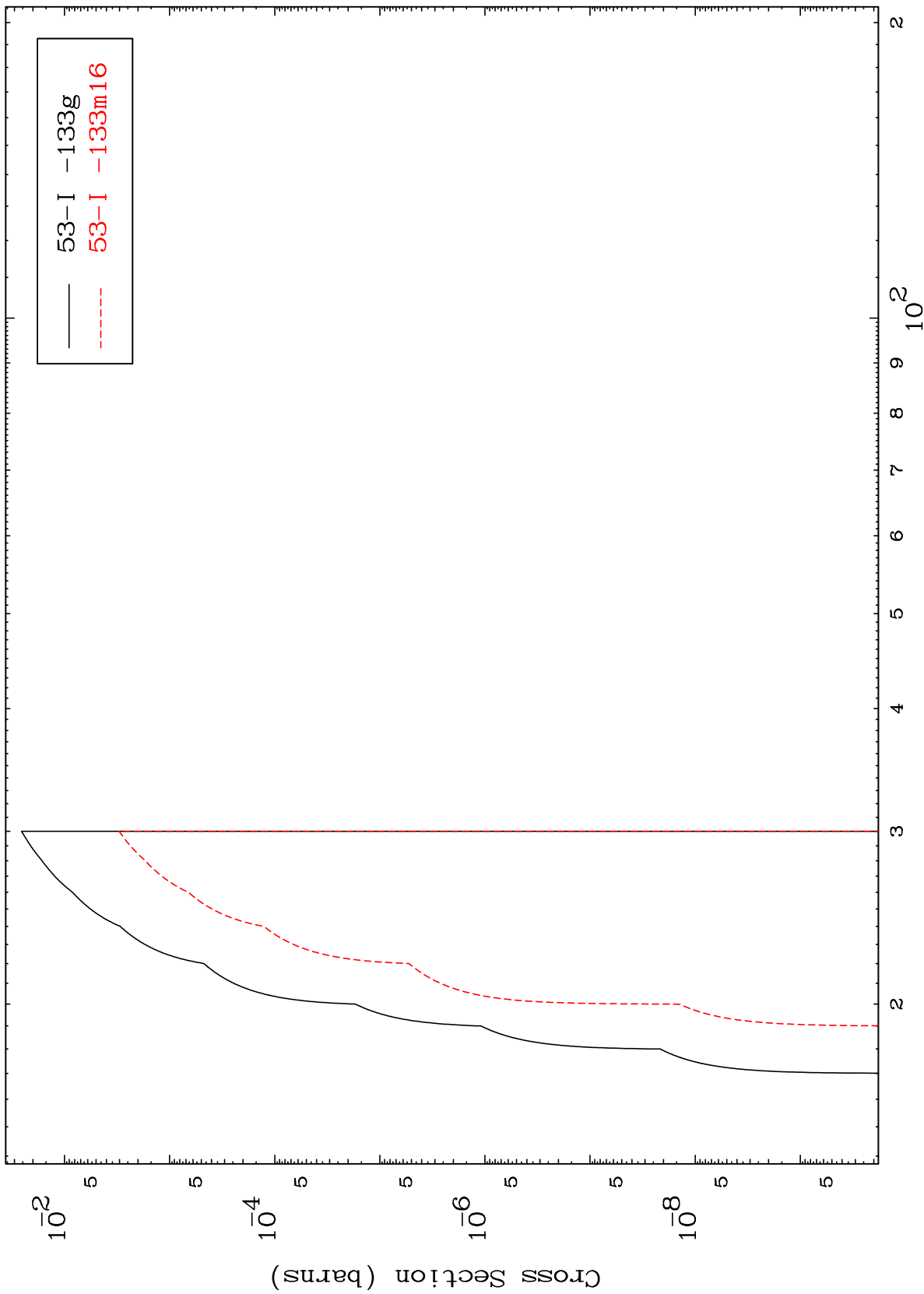


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(n,2n) d

53-I -135

Radionuclide Production Cross Section



53-I -133g
53-I -133m16

12

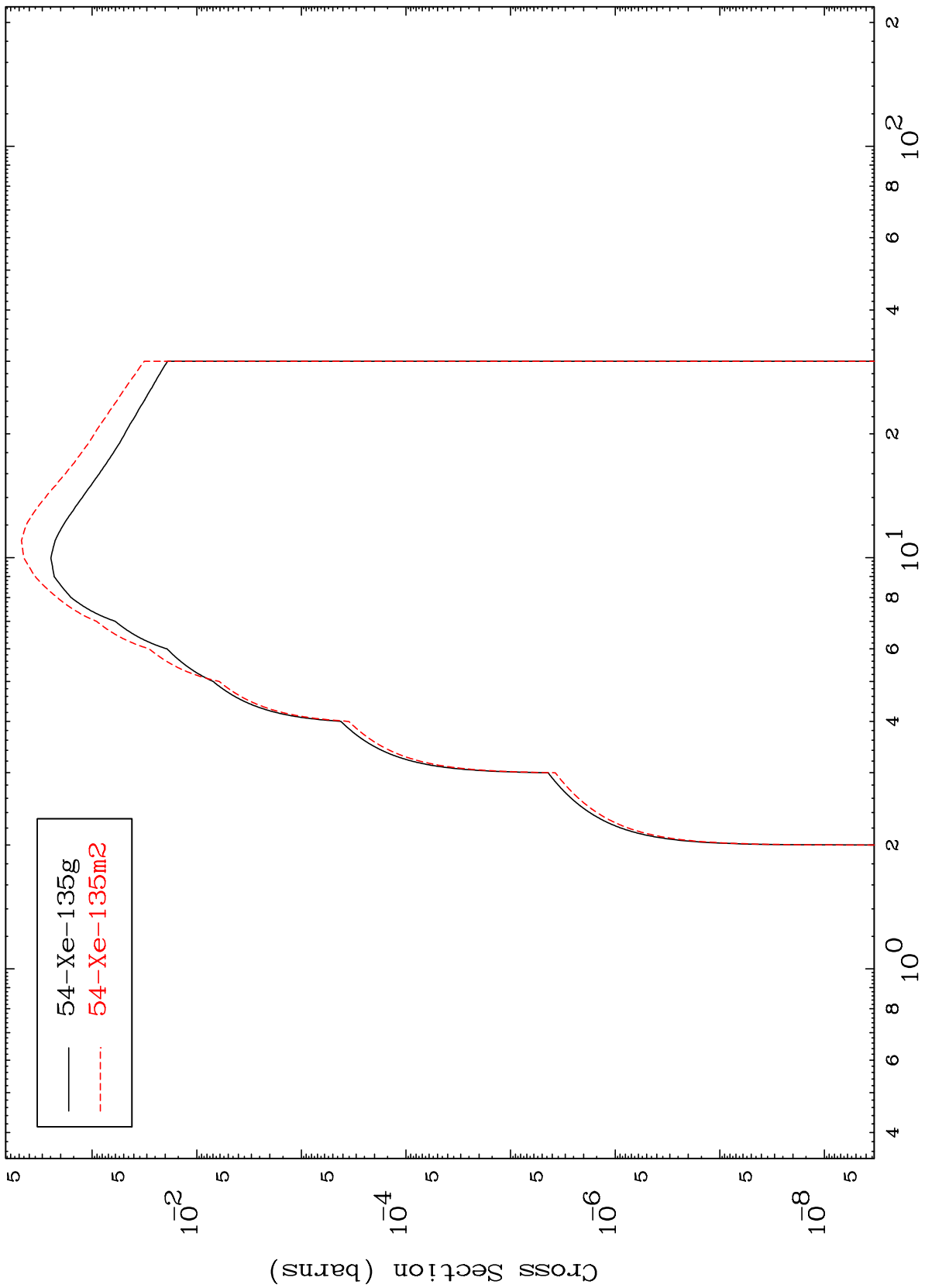
Incident Energy (MeV)

53-I -135

MAT 5349

53-I -135

Radionuclide Production Cross Section
(n,2n)



54-Xe-135g
54-Xe-135m2

13

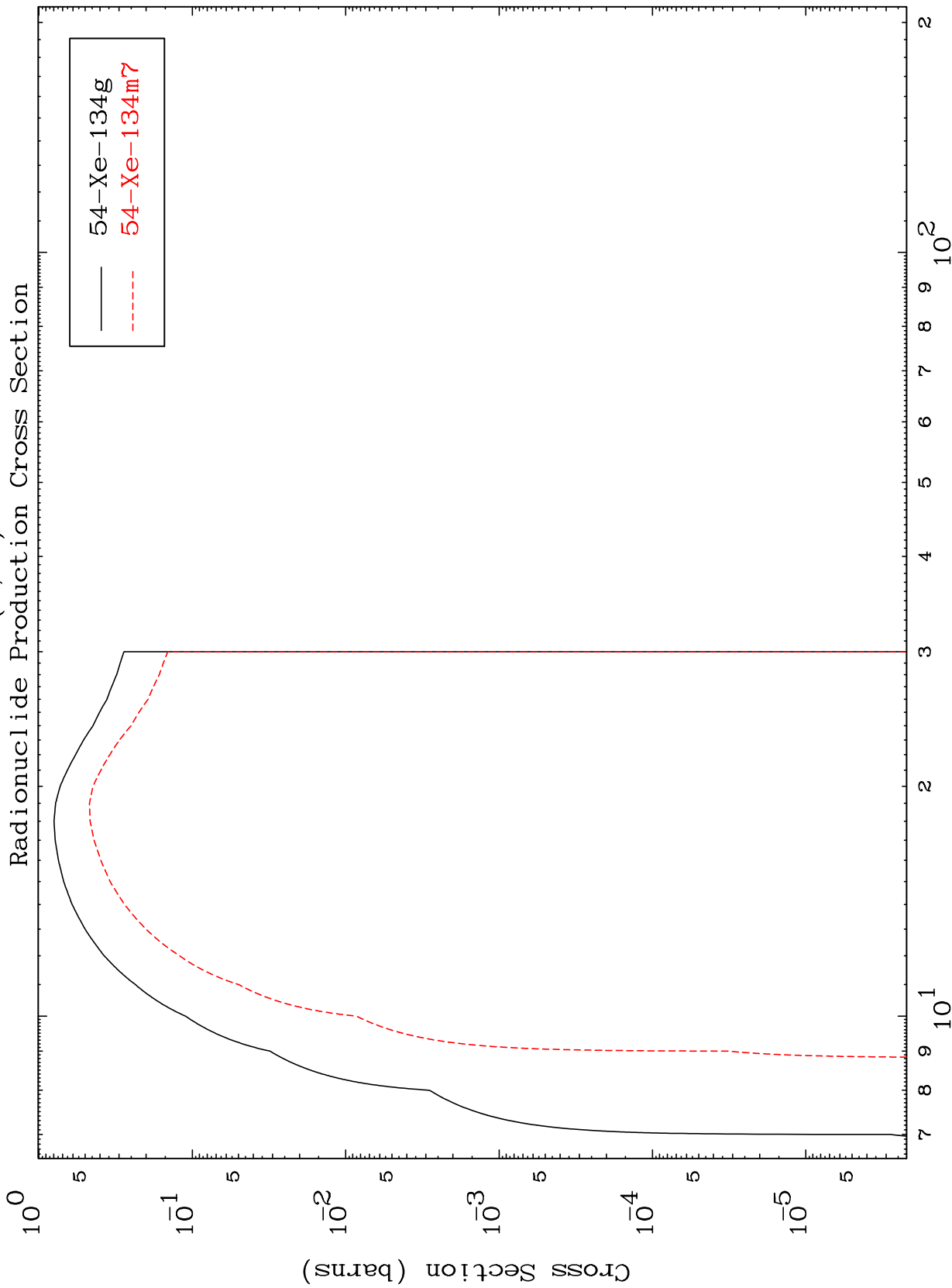
Incident Energy (MeV)

53-I -135

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53-I -135

(n,3n)
Radionuclide Production Cross Section



53-I -135

Incident Energy (MeV)

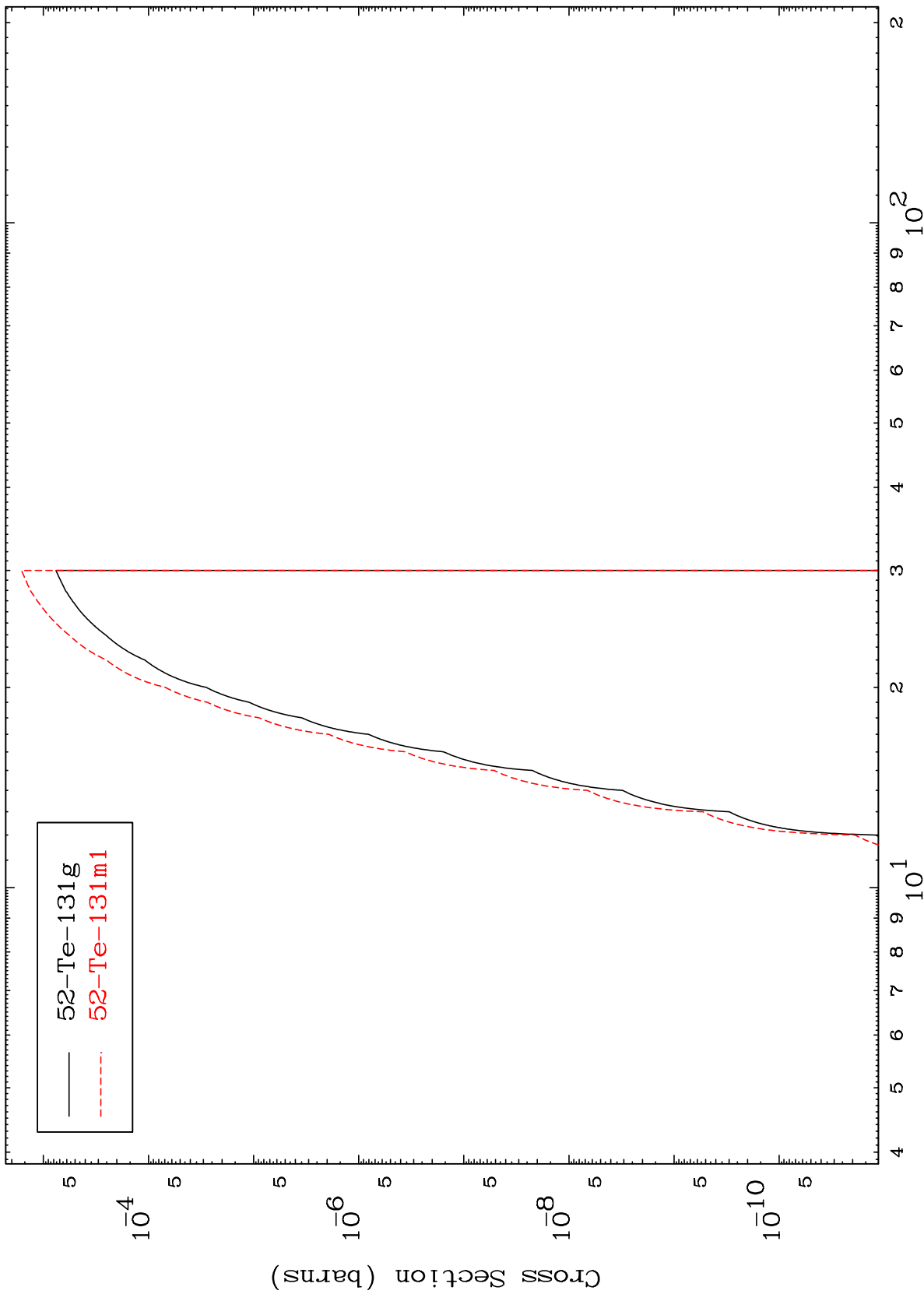
14

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53-I -135

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

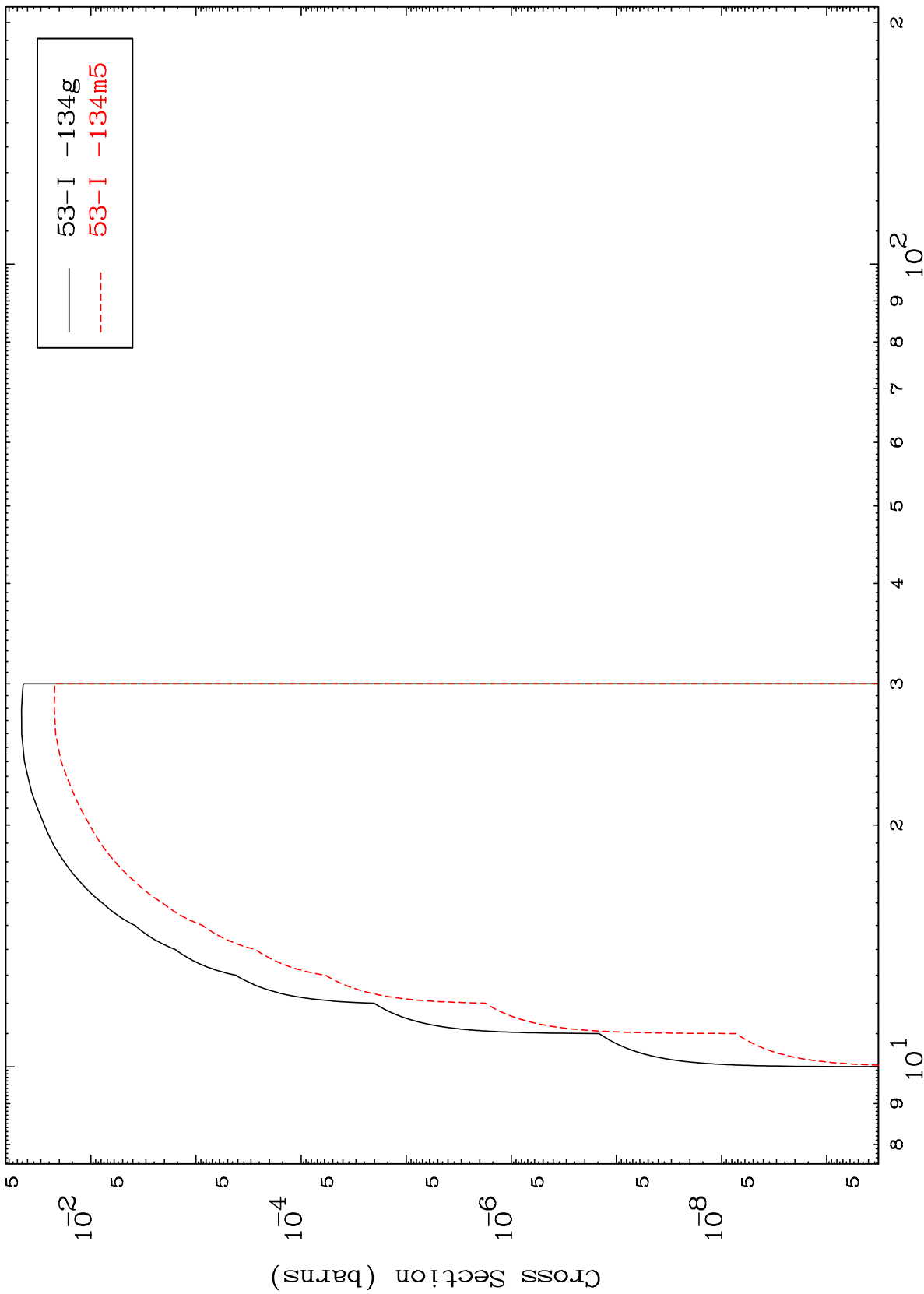
53-I -135

MAT 5349

(n,n') d

53-I -135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

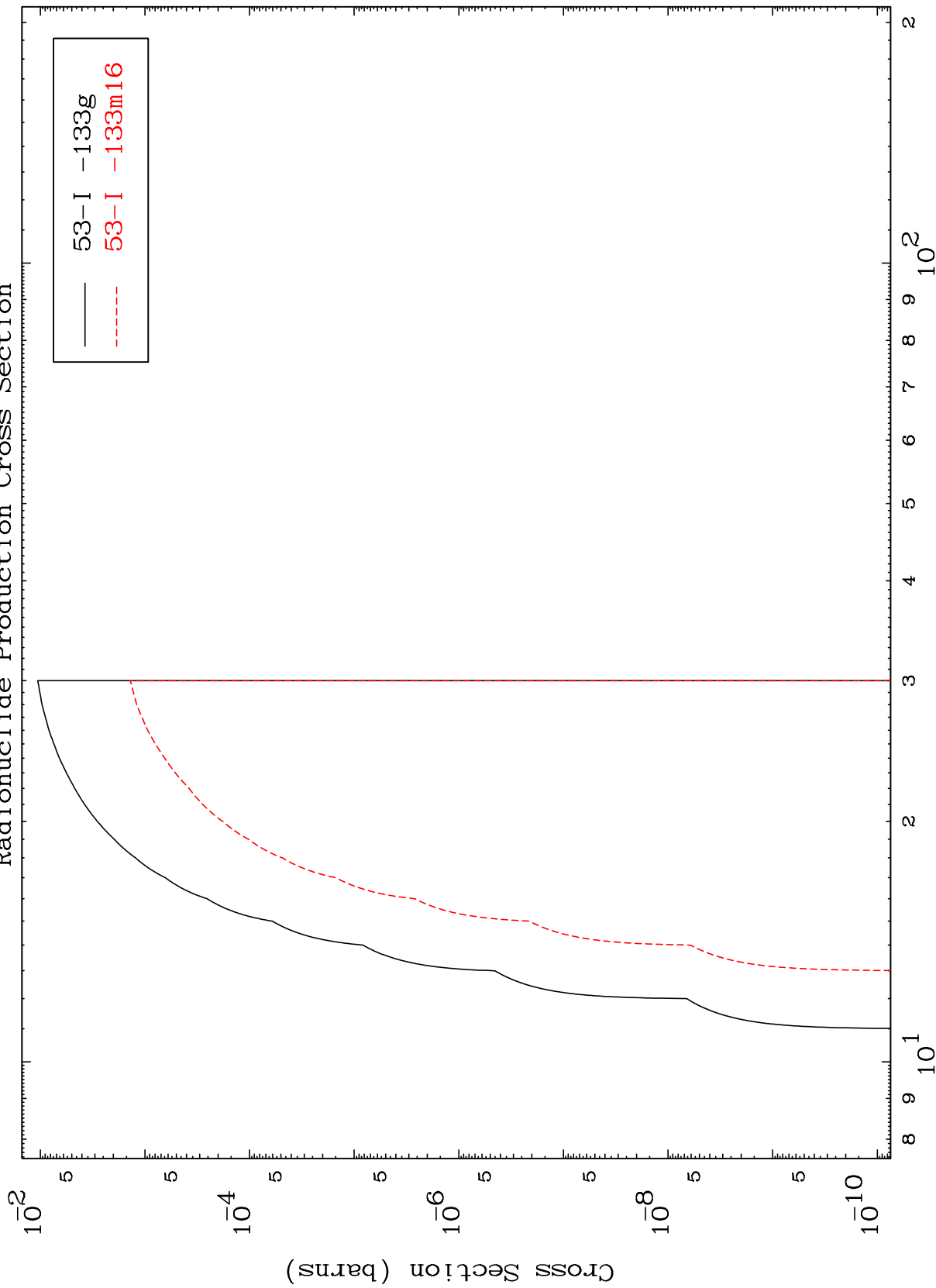
53-I -135

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(n,n') t

53-I -135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

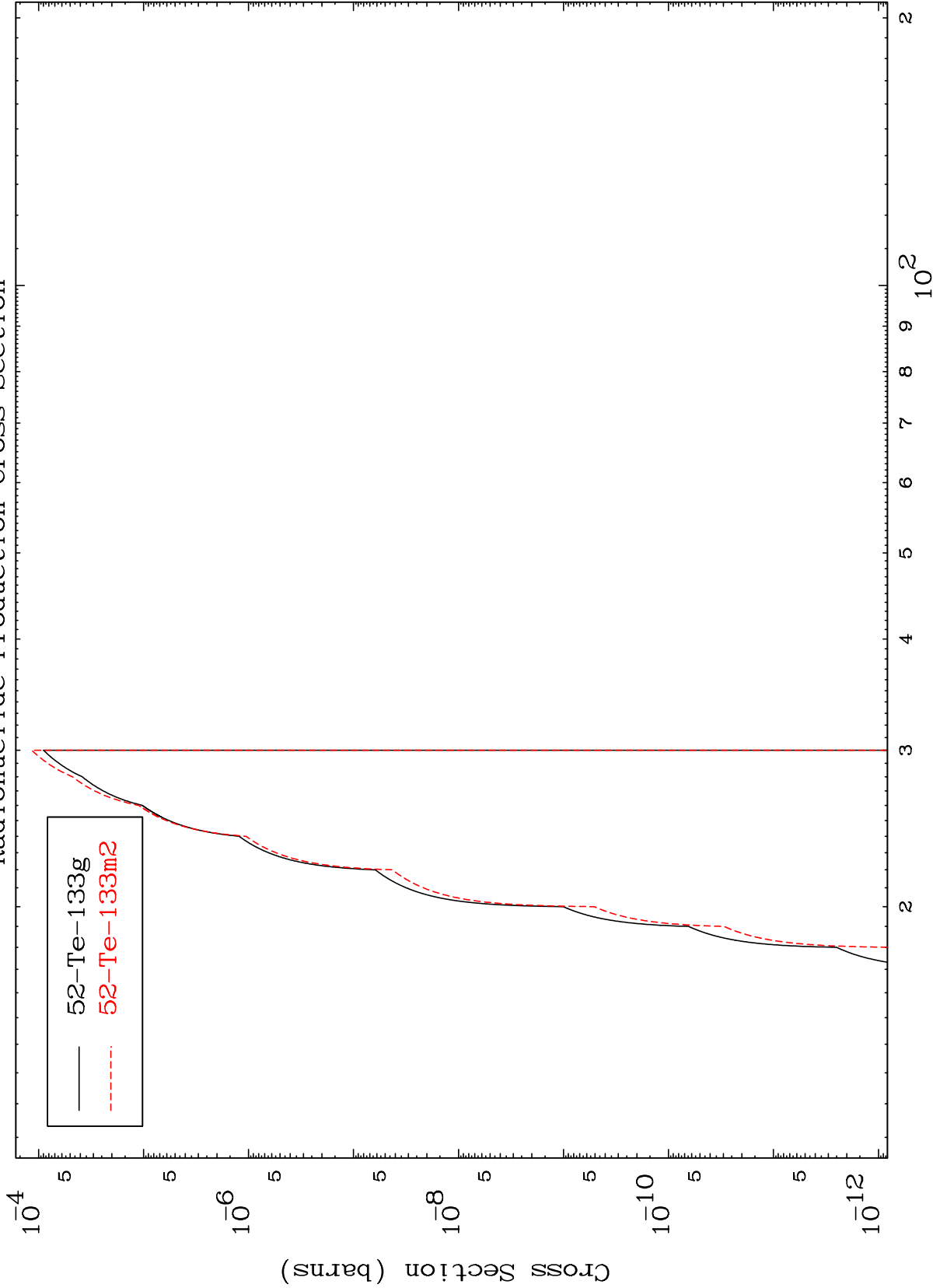
53-I -135

MAT 5349

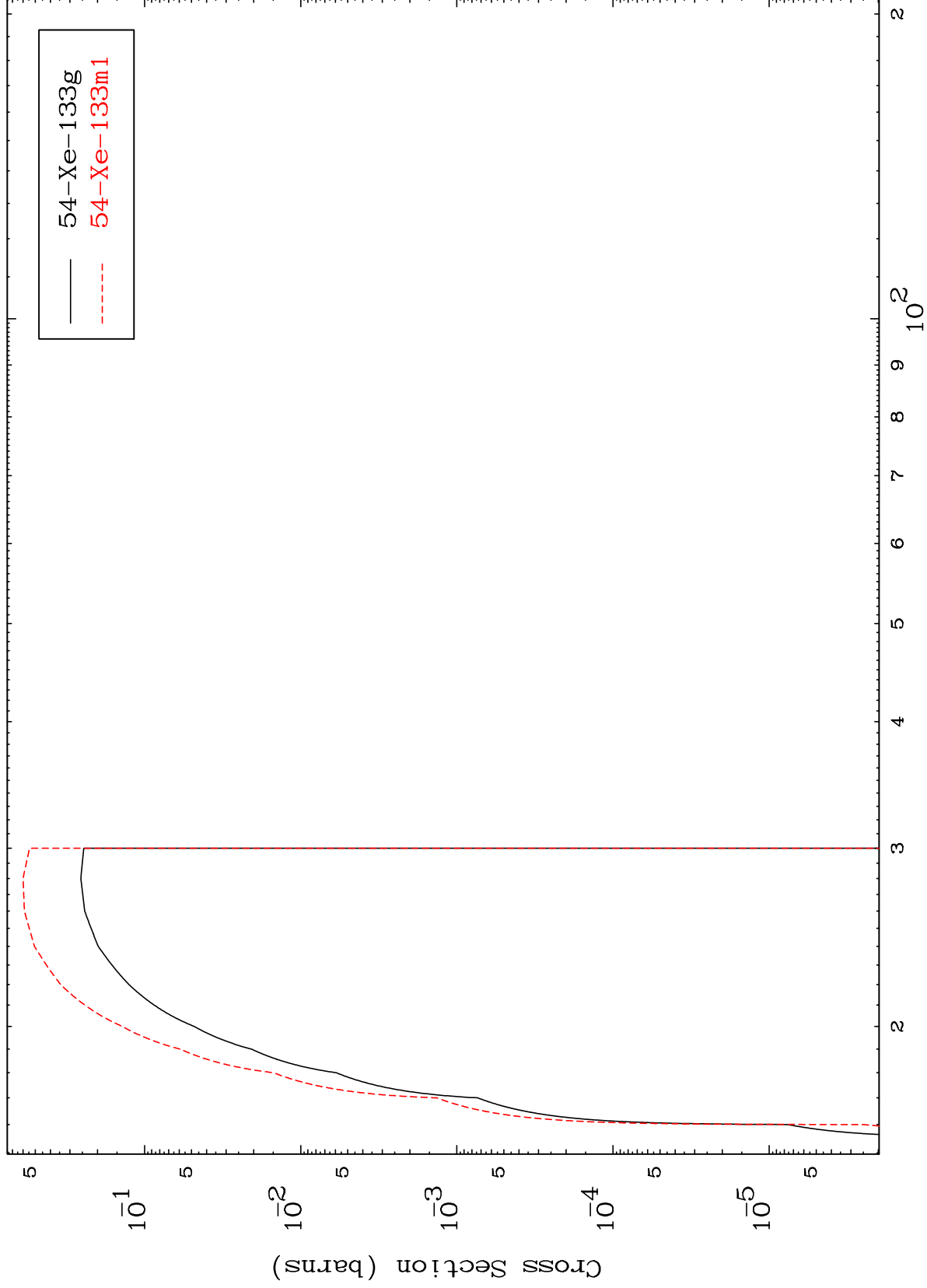
(n,n') He-3

53-I -135

Radionuclide Production Cross Section



Radionuclide Production Cross Section

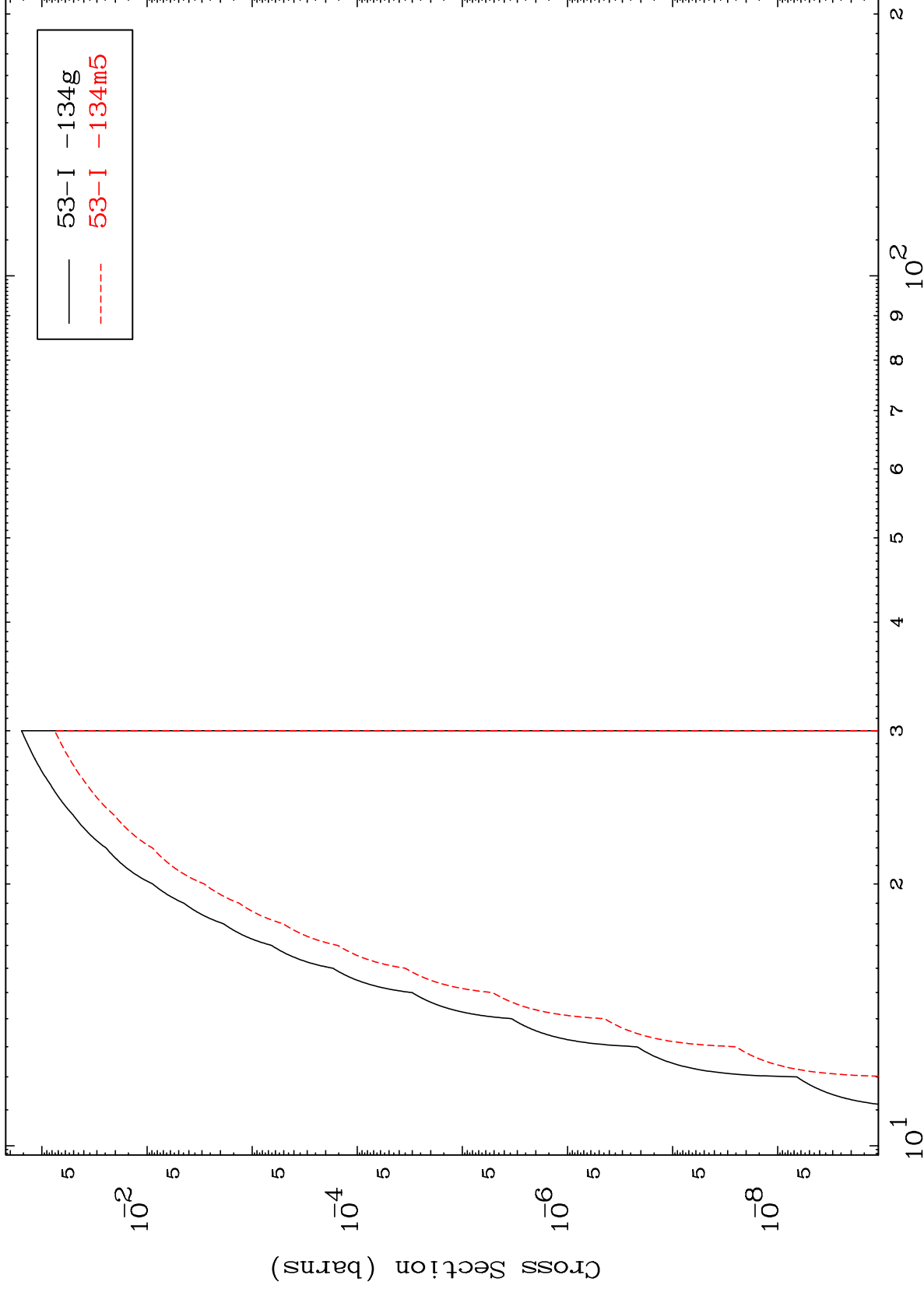


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(n,2n) p

53-I -135

Radionuclide Production Cross Section



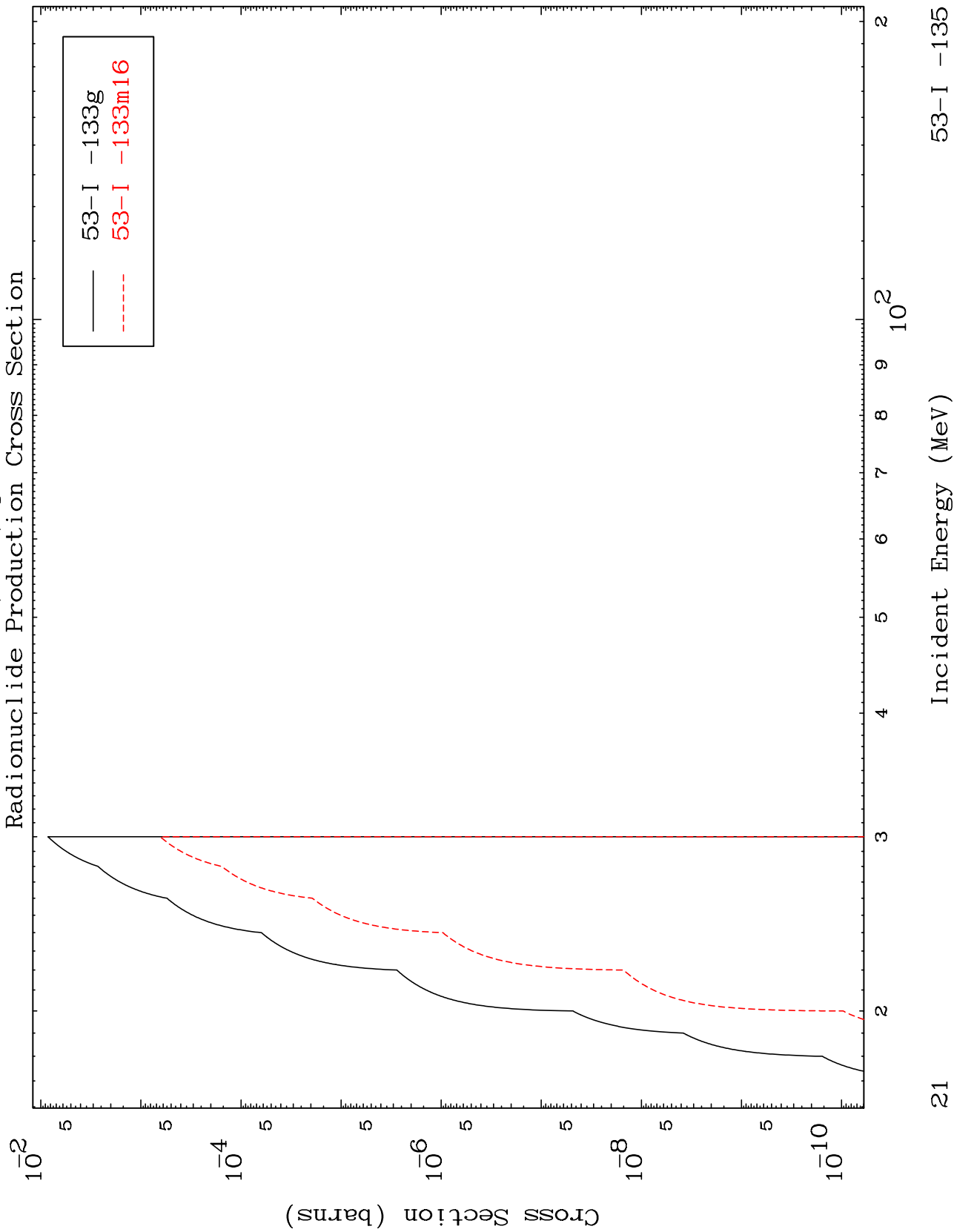
Incident Energy (MeV)

53-I -135

MAT 5349

(n,3n) p

53-I -135



21

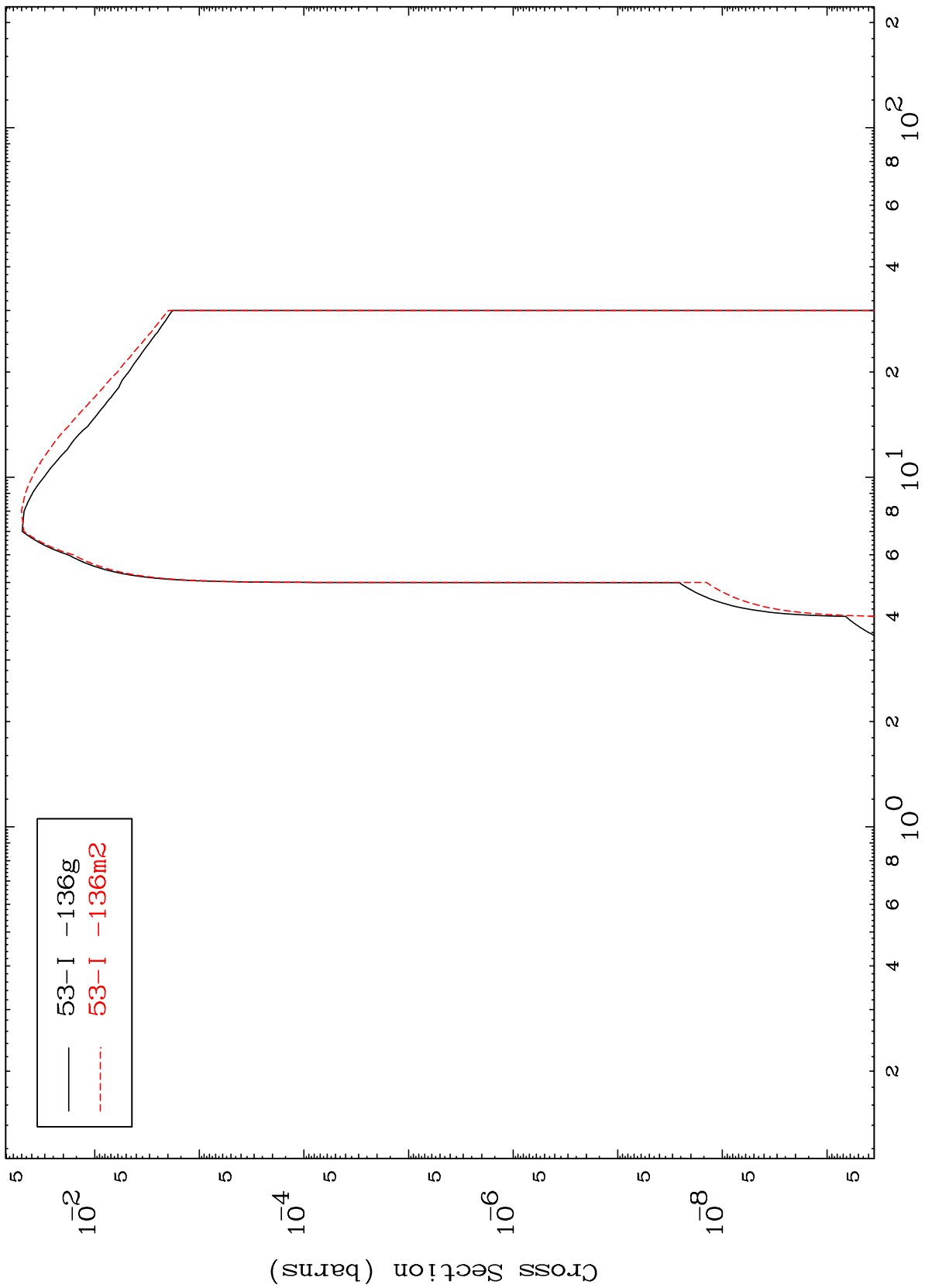
Incident Energy (MeV)

53-I -135

MAT 5349

53-I -135

(n,p)
Radionuclide Production Cross Section



53-I -136g
53-I -136m2

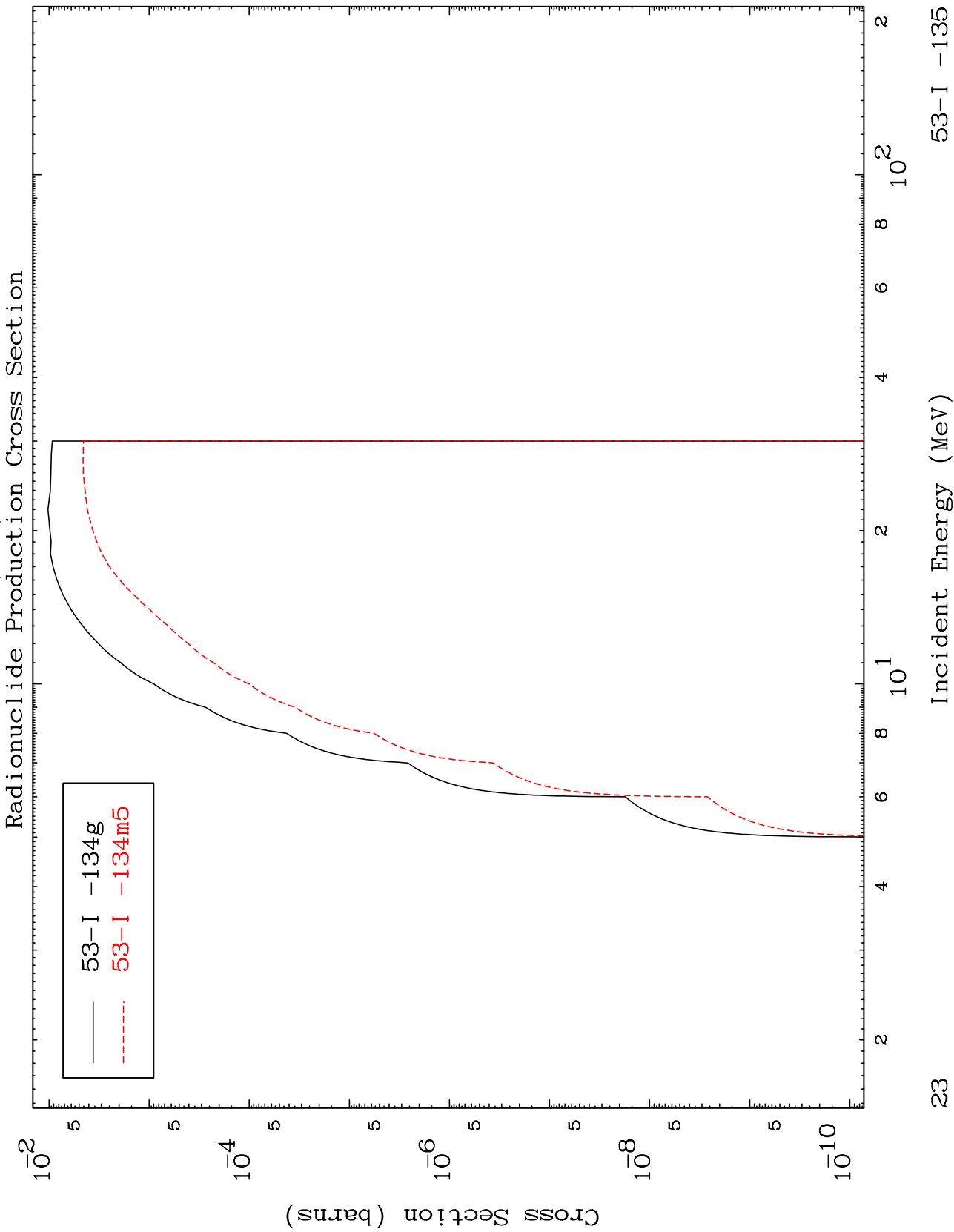
53-I -135

Incident Energy (MeV)

22

MAT 5349

53-I -135



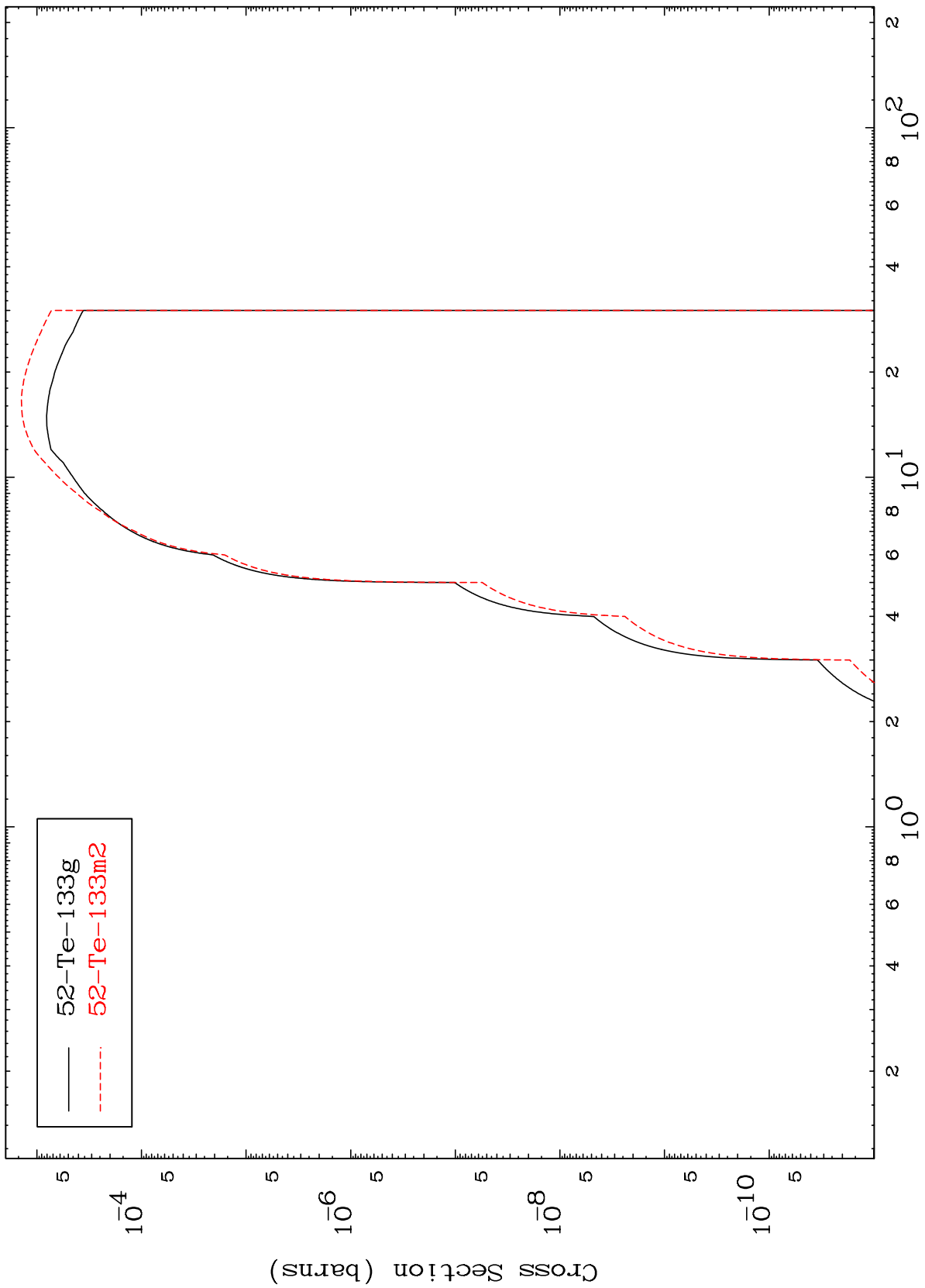
23

53-I -135

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53-I -135

(n, α)
Radionuclide Production Cross Section



24

53-I -135

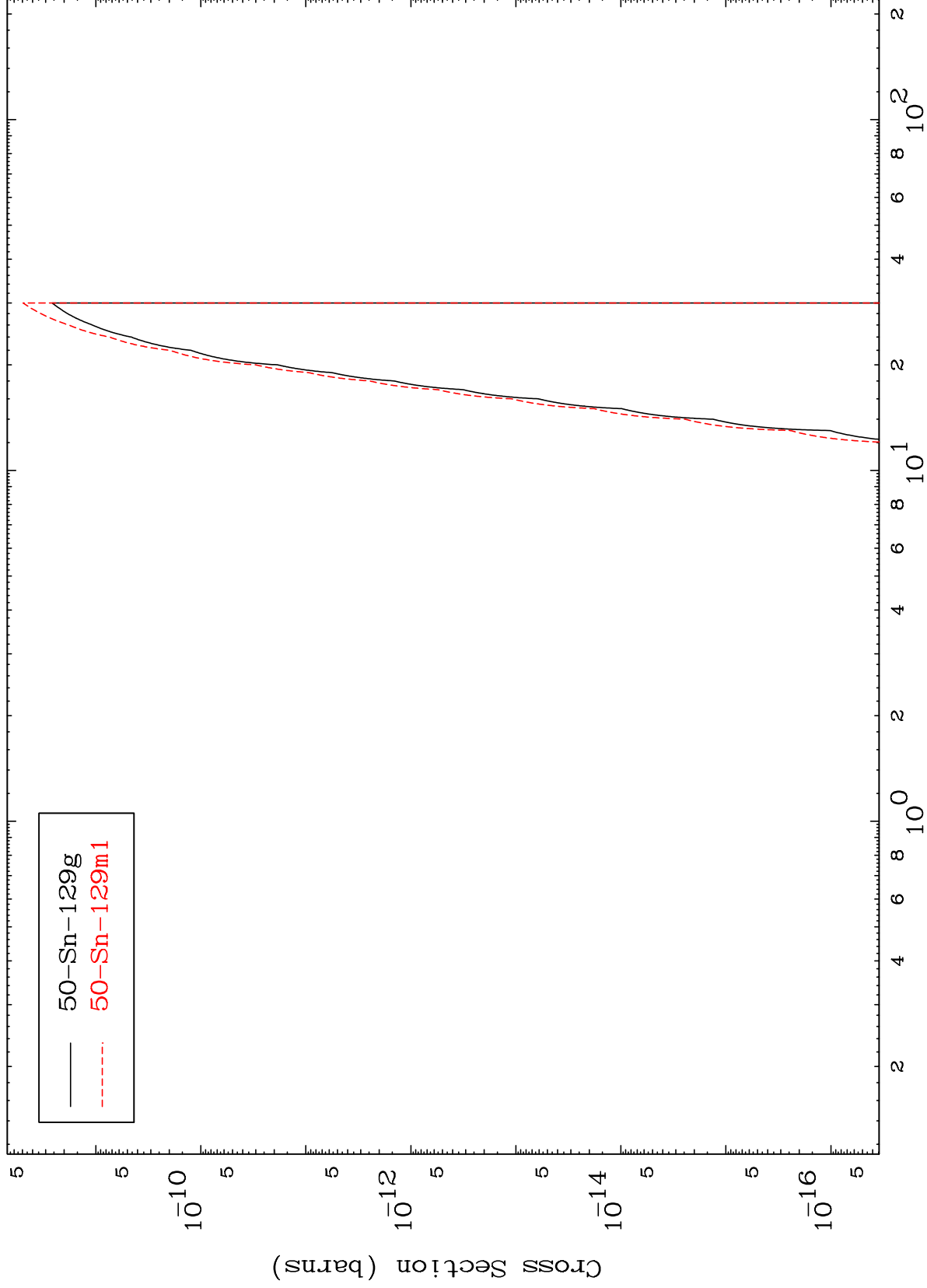
Incident Energy (MeV)

MAT 5349

(n,2α)

53-I -135

Radionuclide Production Cross Section



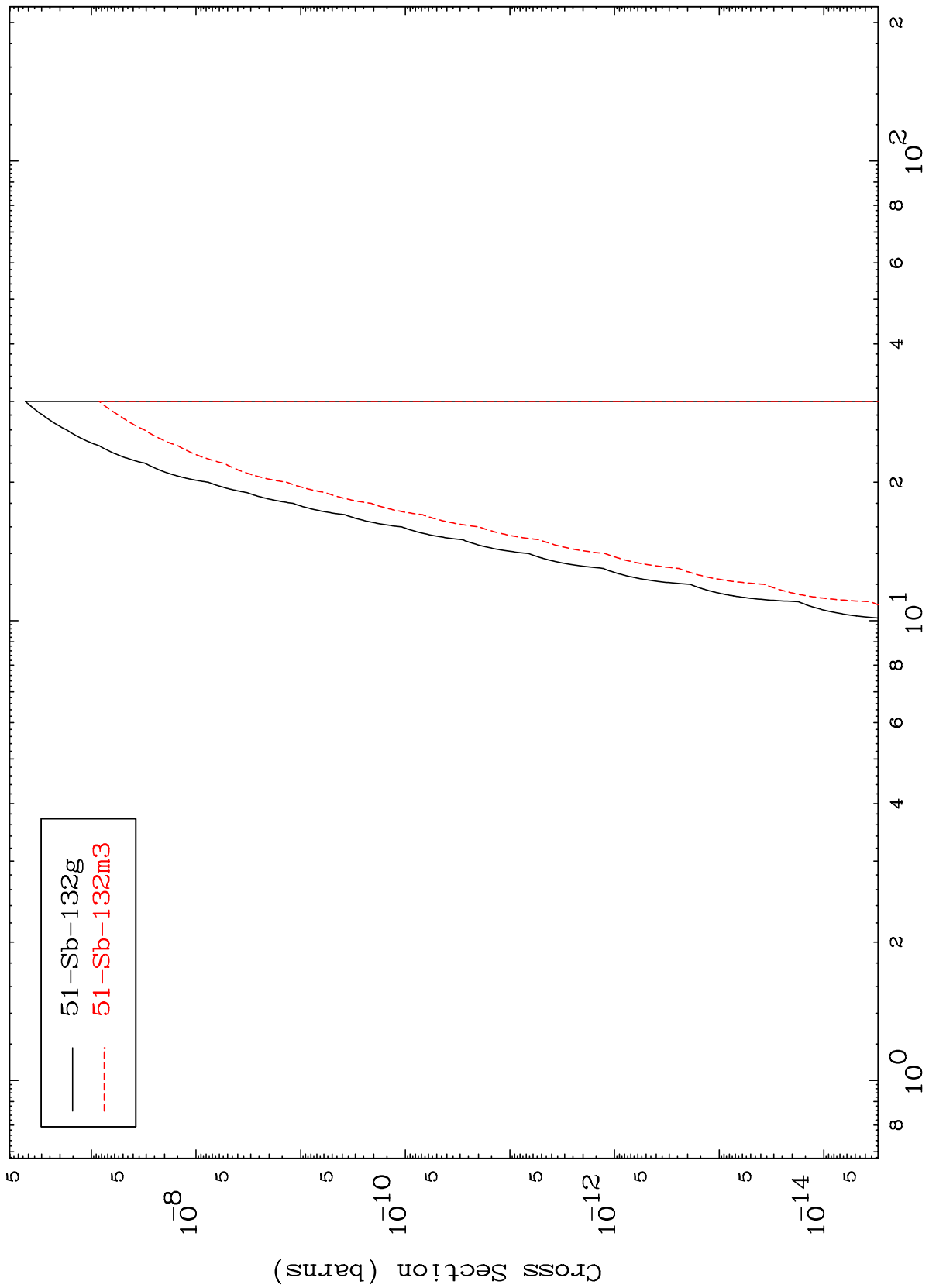
— 50-Sn-129g
- - - 50-Sn-129m1

MAT 5349

(n,p) α

53-I -135

Radionuclide Production Cross Section



51-Sb-132g
51-Sb-132m3

26

Incident Energy (MeV)

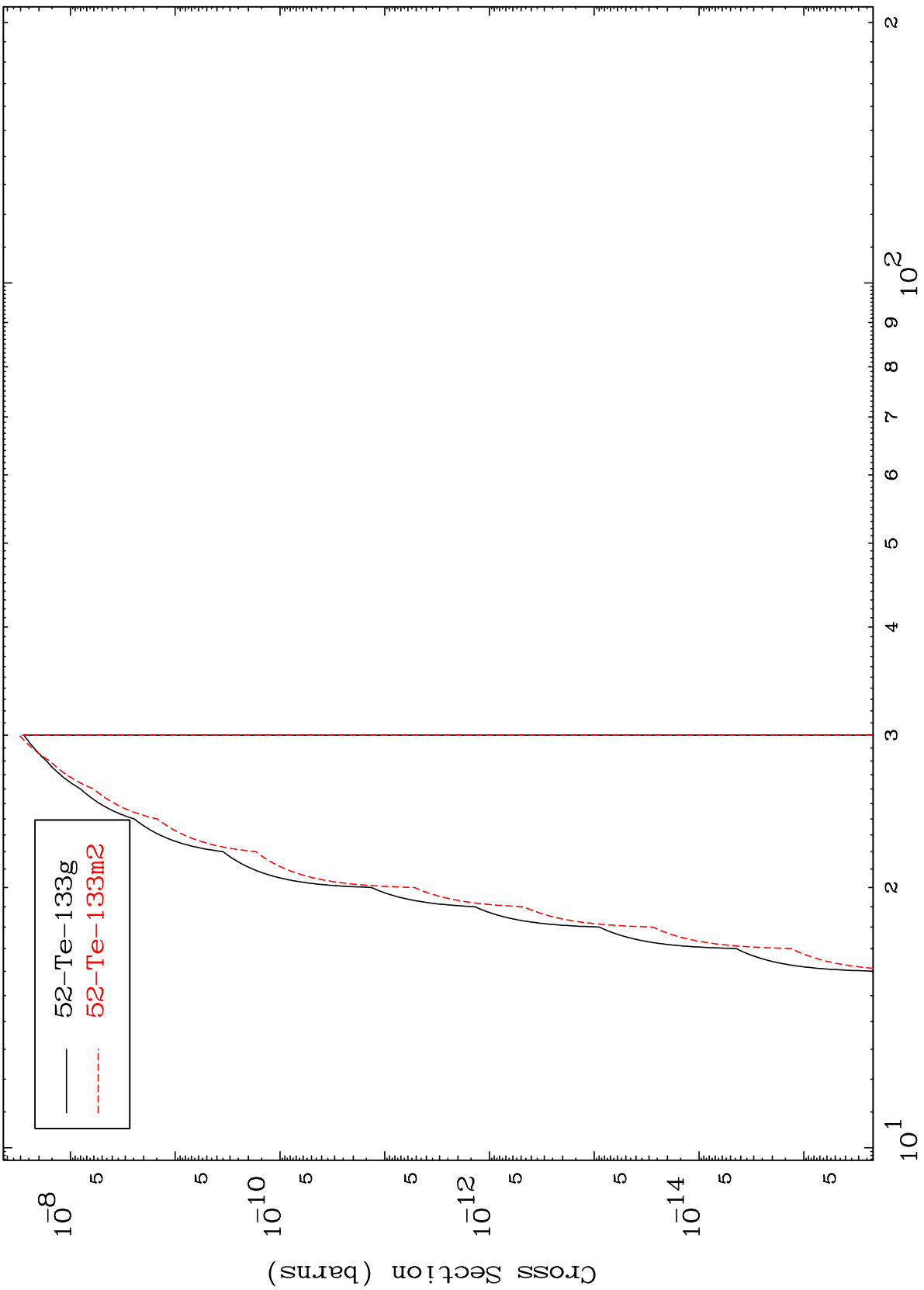
53-I -135

MAT 5349

(n,p) t

53-I -135

Radionuclide Production Cross Section



27

Incident Energy (MeV)

53-I -135