

Program EVALPLOT
(Version 2021-1)

by

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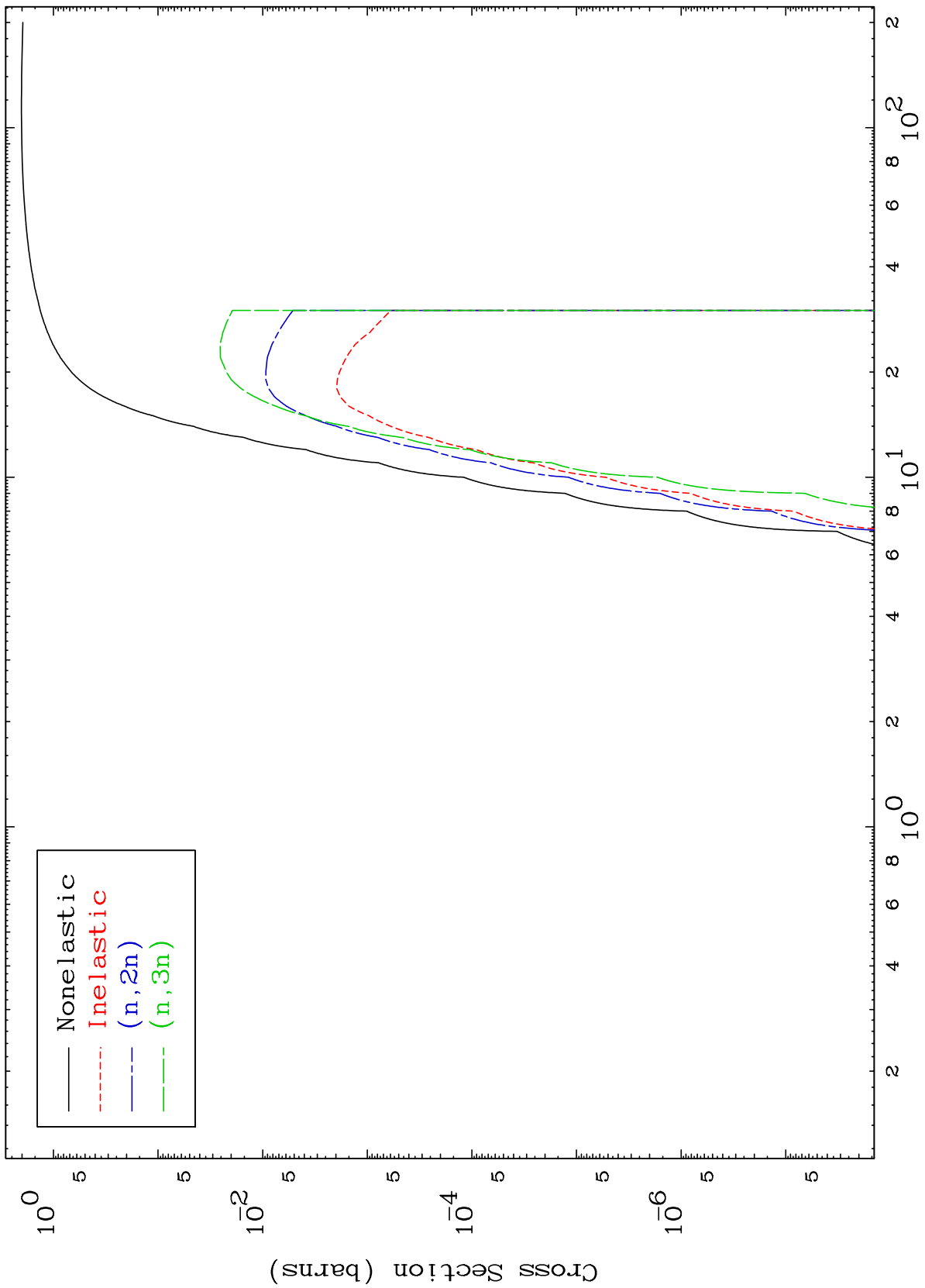
Press Mouse Button to Start

MAT 5346

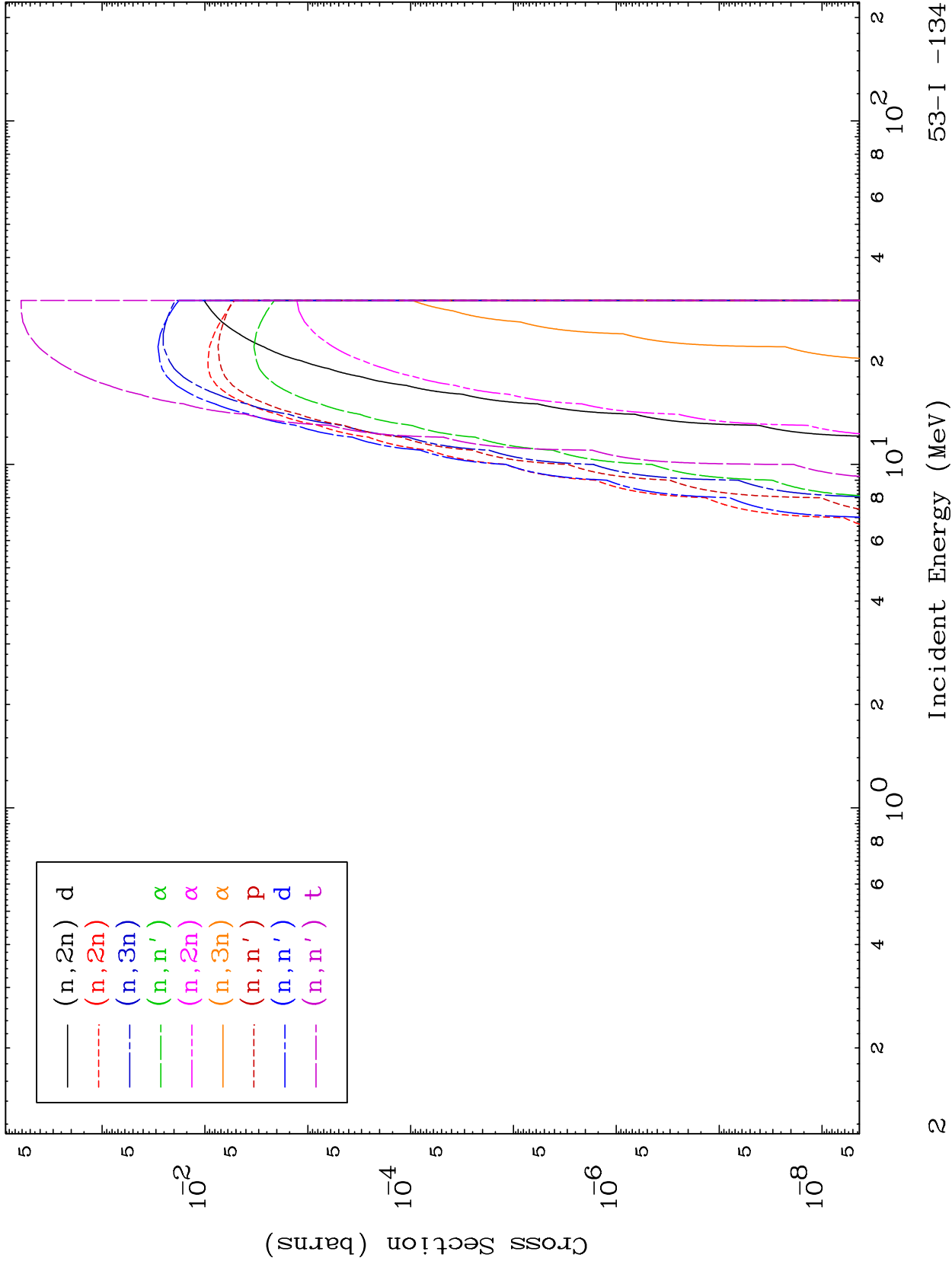
He-3 Major

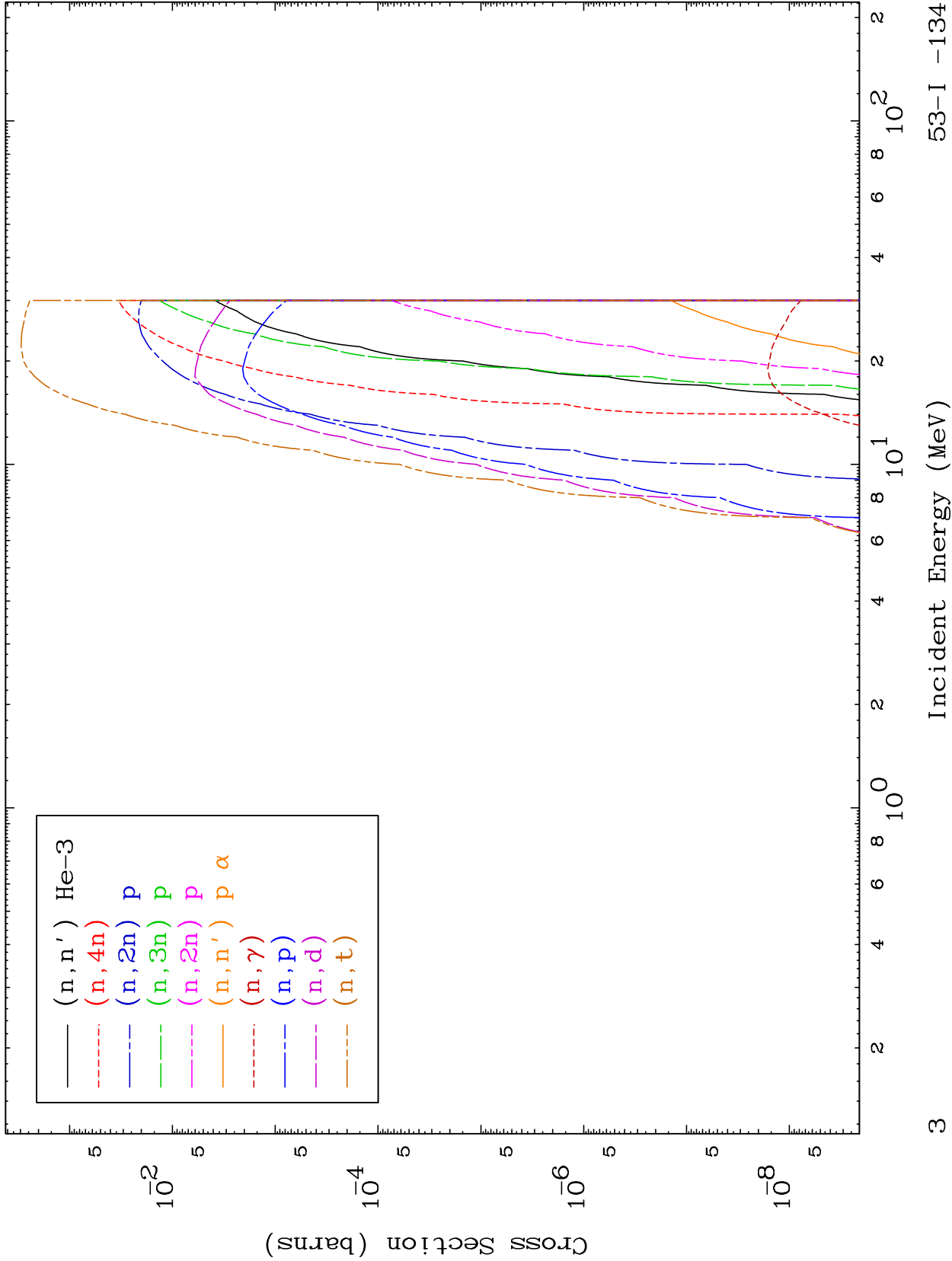
53-I -134

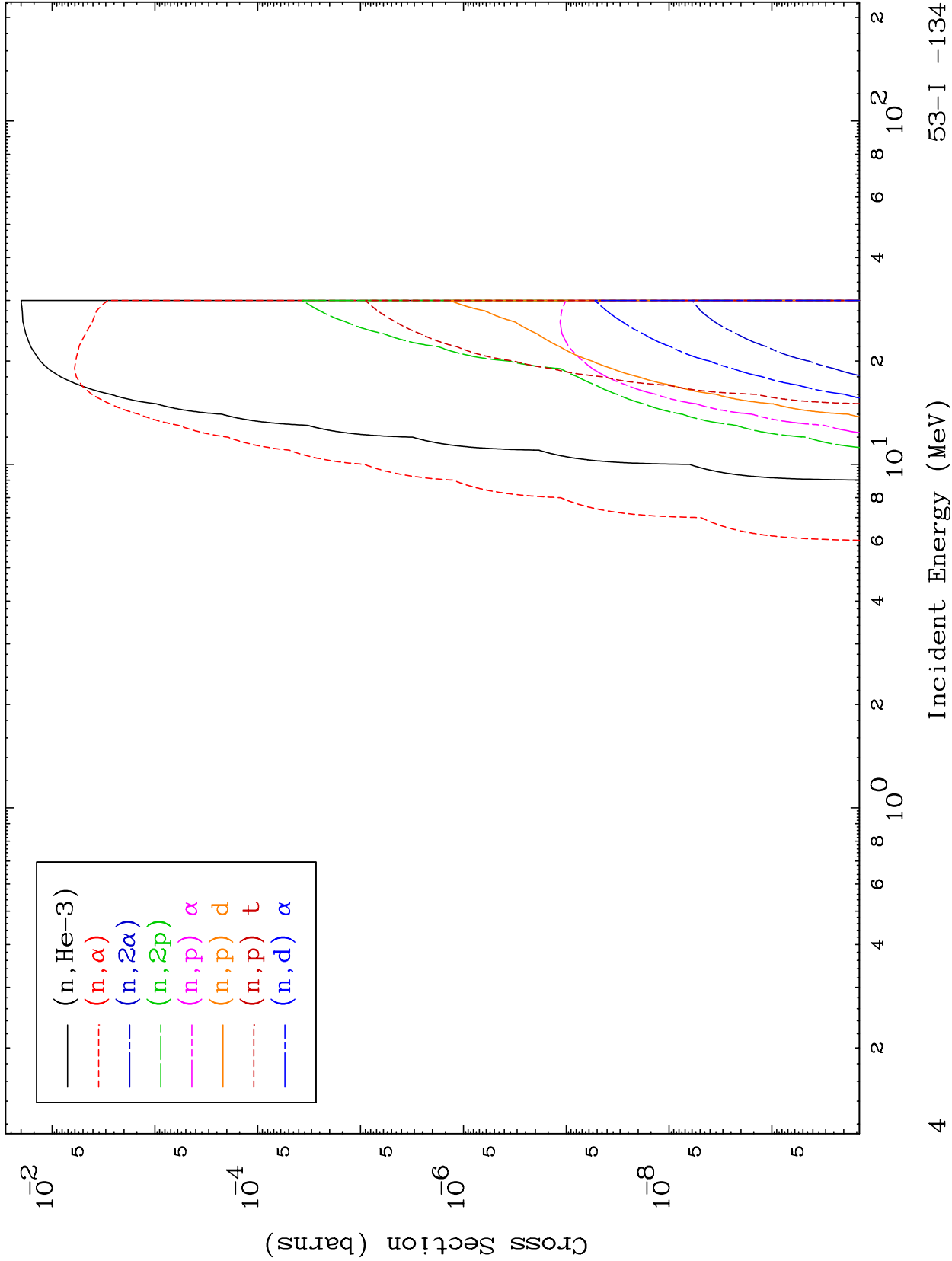
0 Kelvin Cross Sections

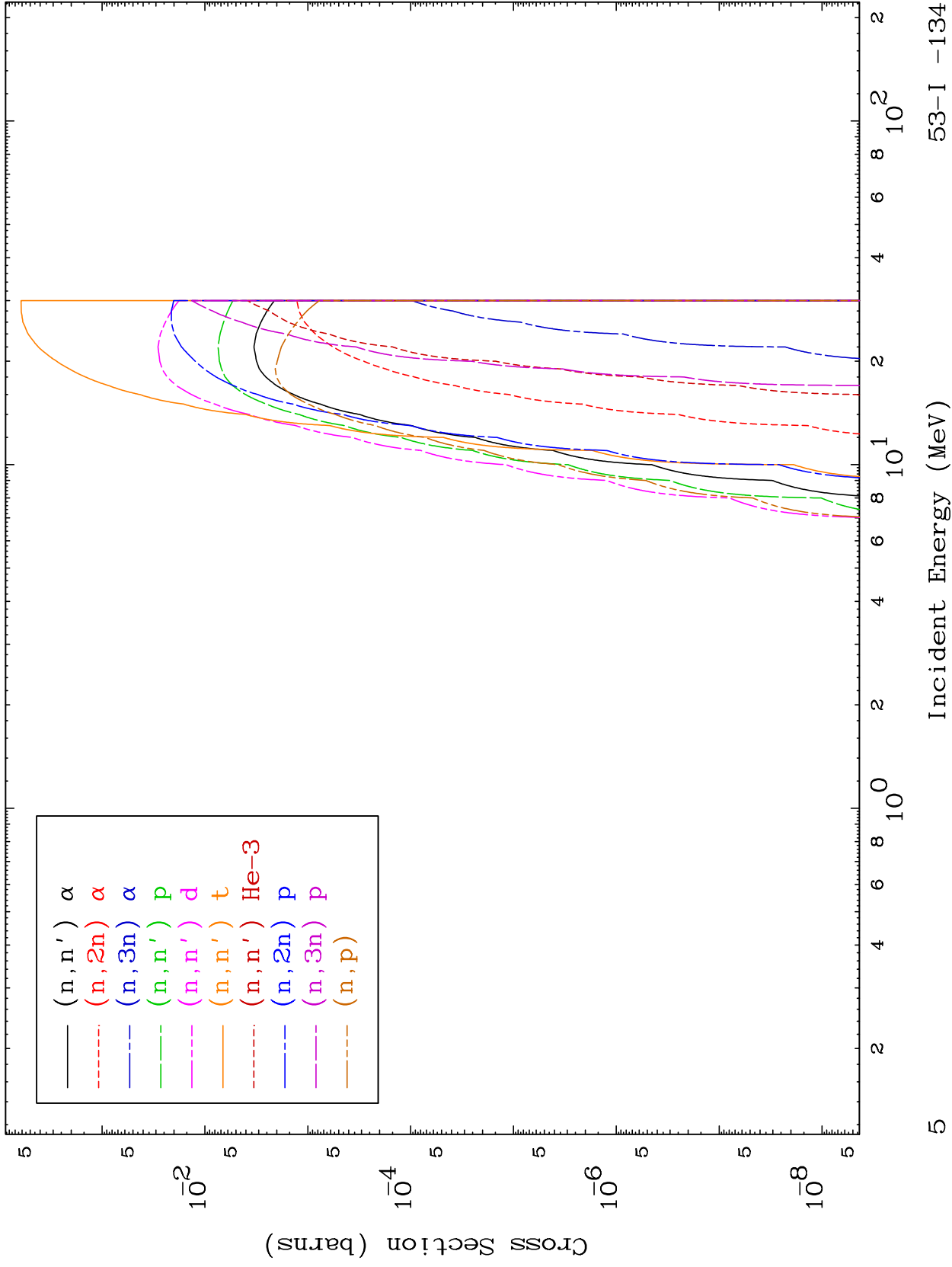


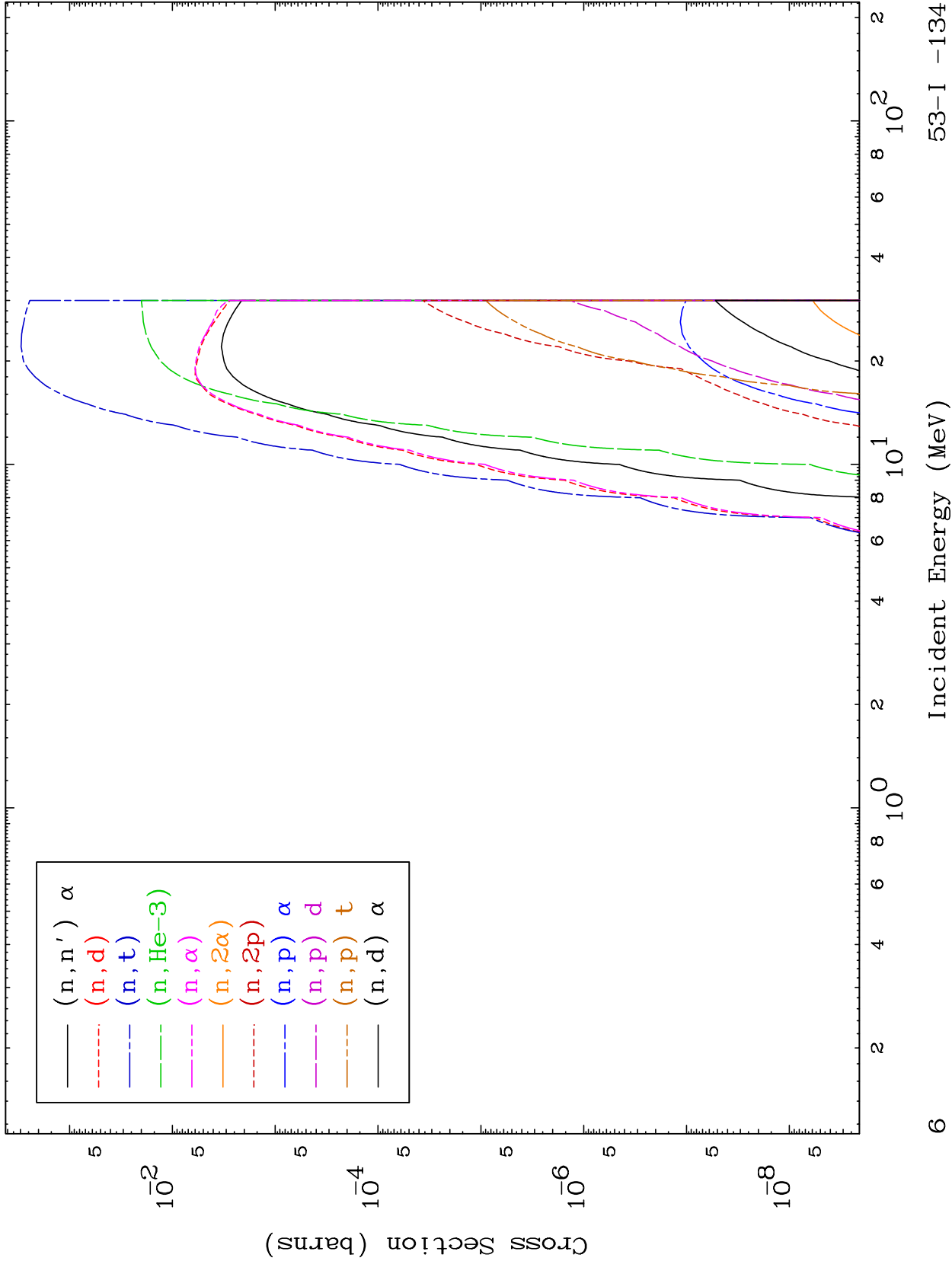
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)



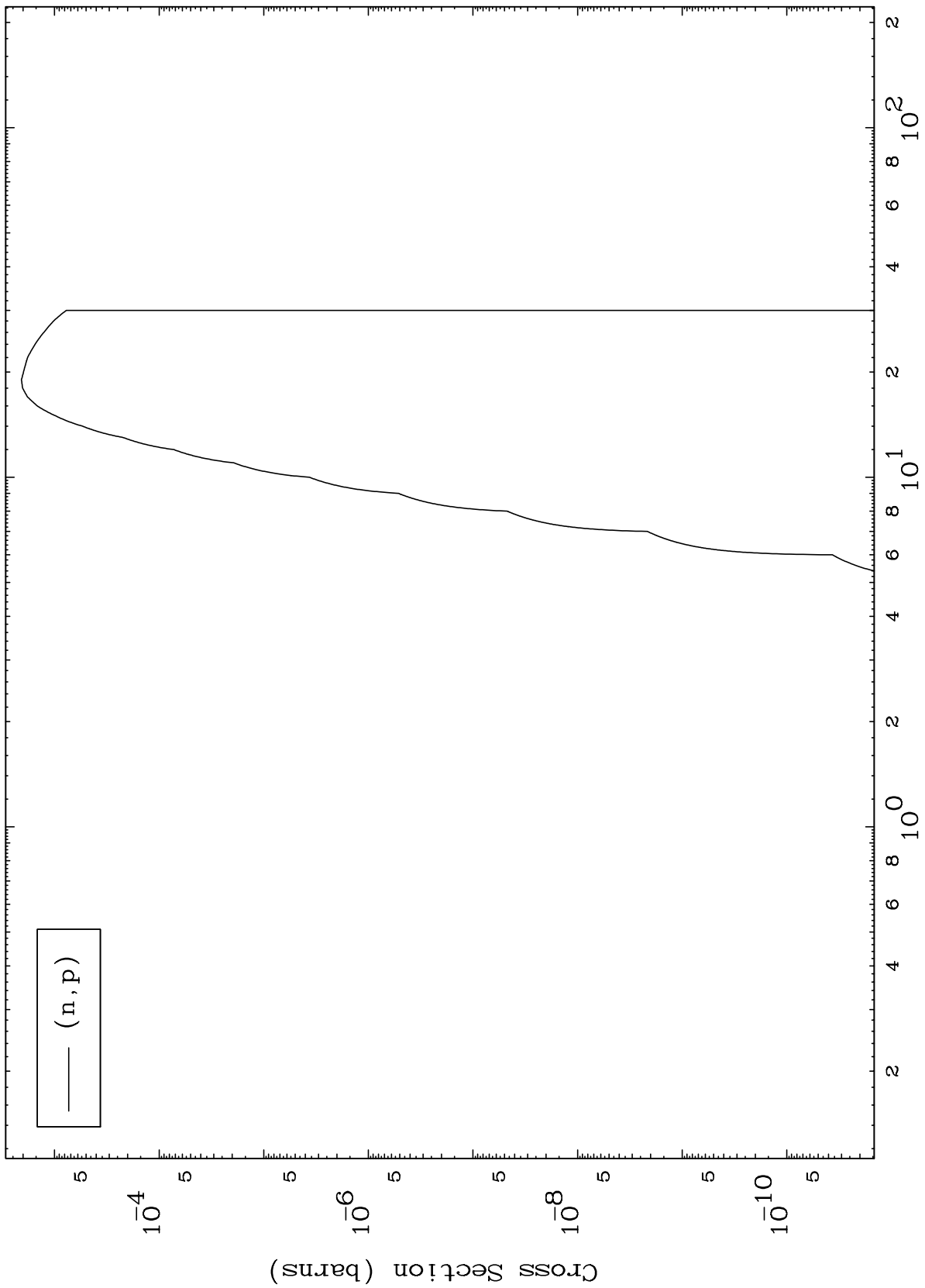


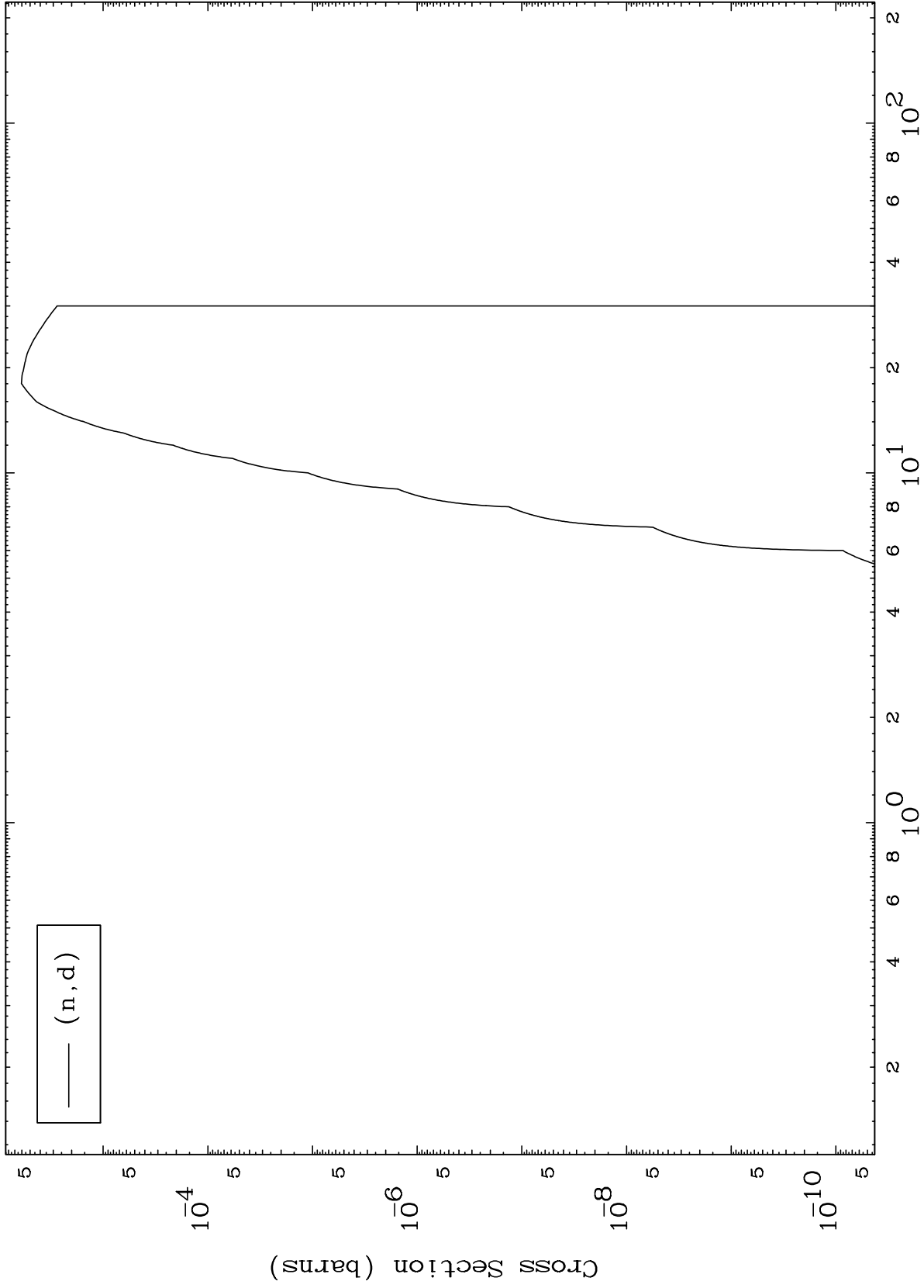


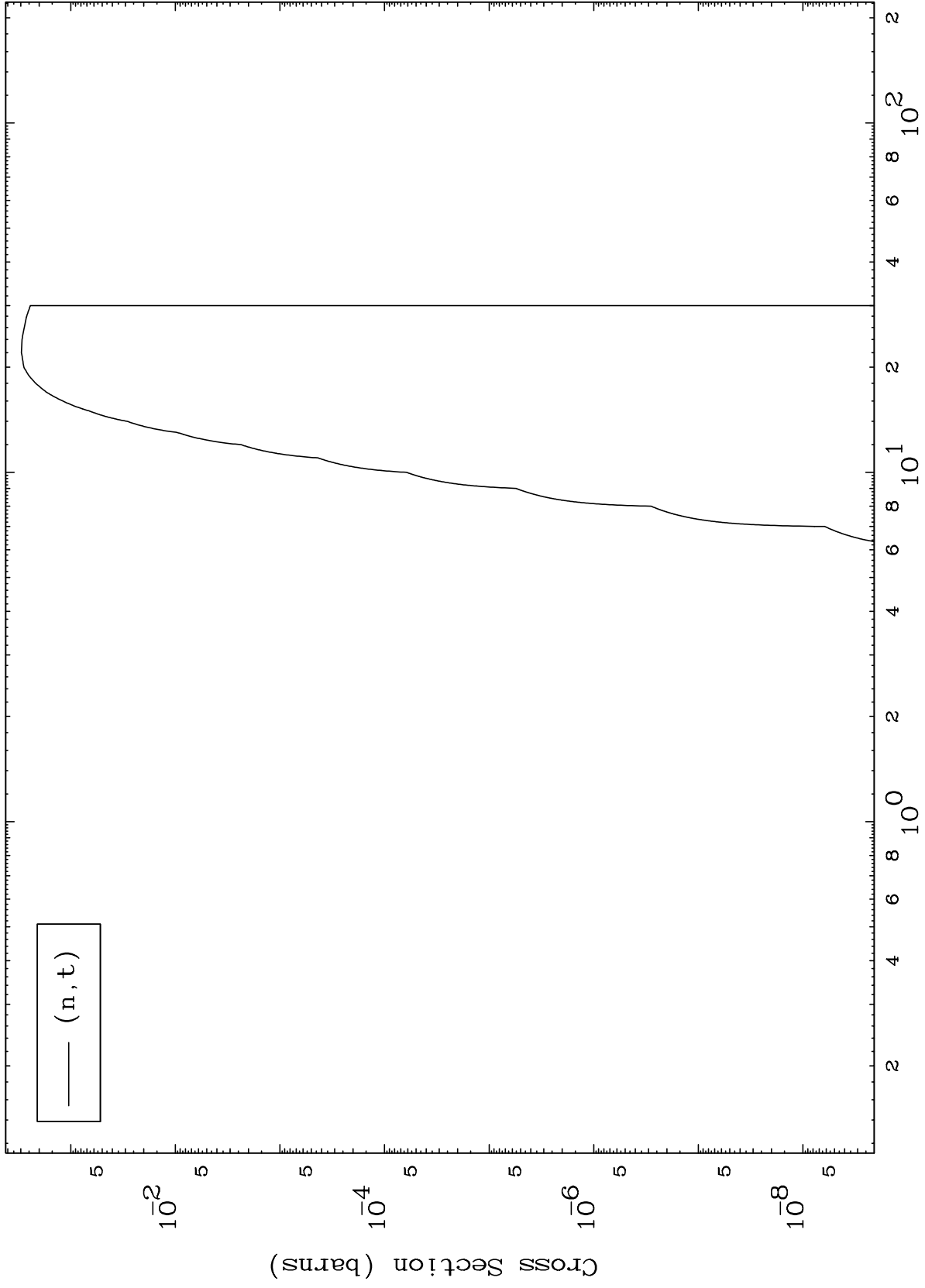




0 Kelvin Cross Sections





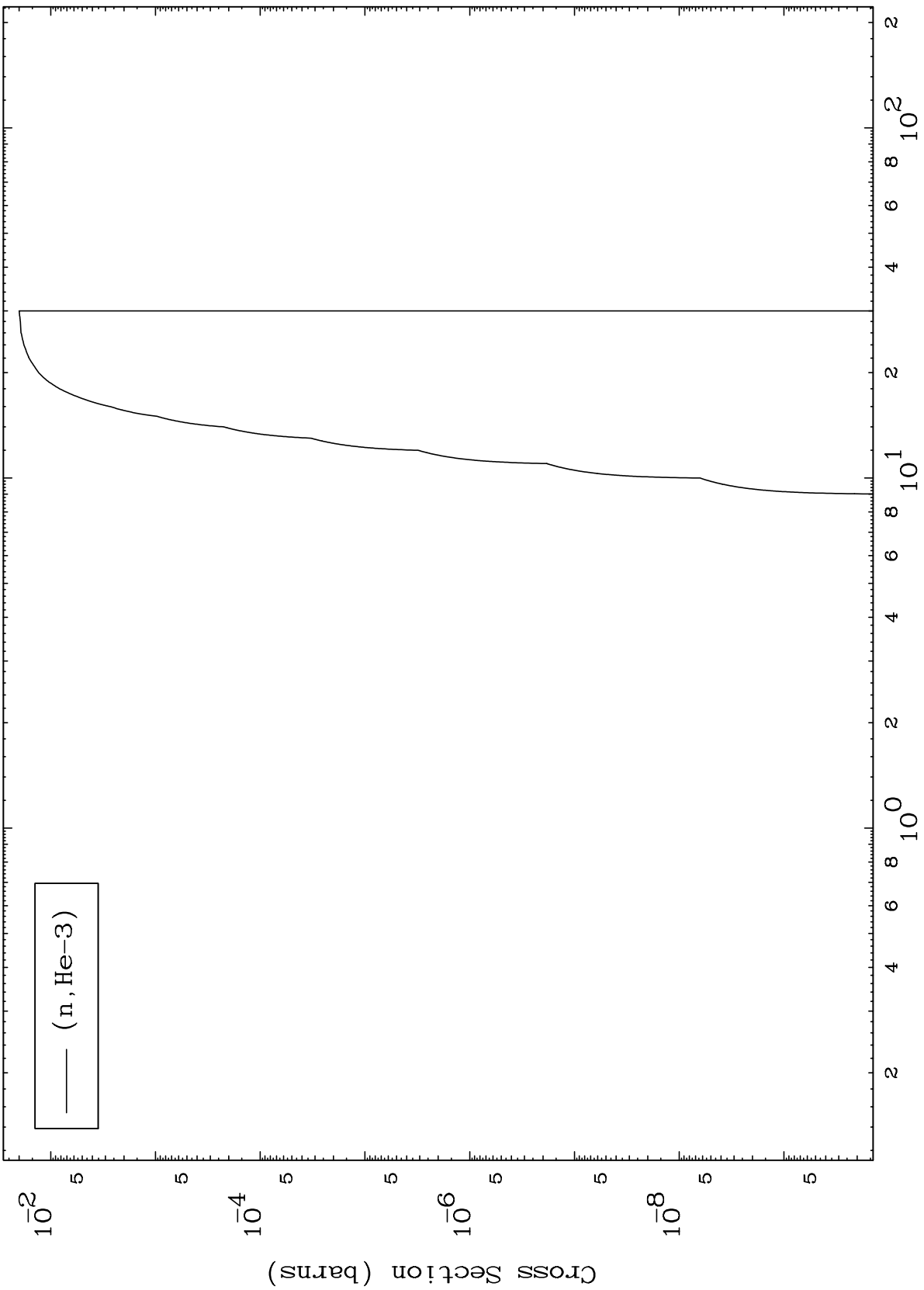


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(He-3, He3) Levels

53-I -134

0 Kelvin Cross Sections



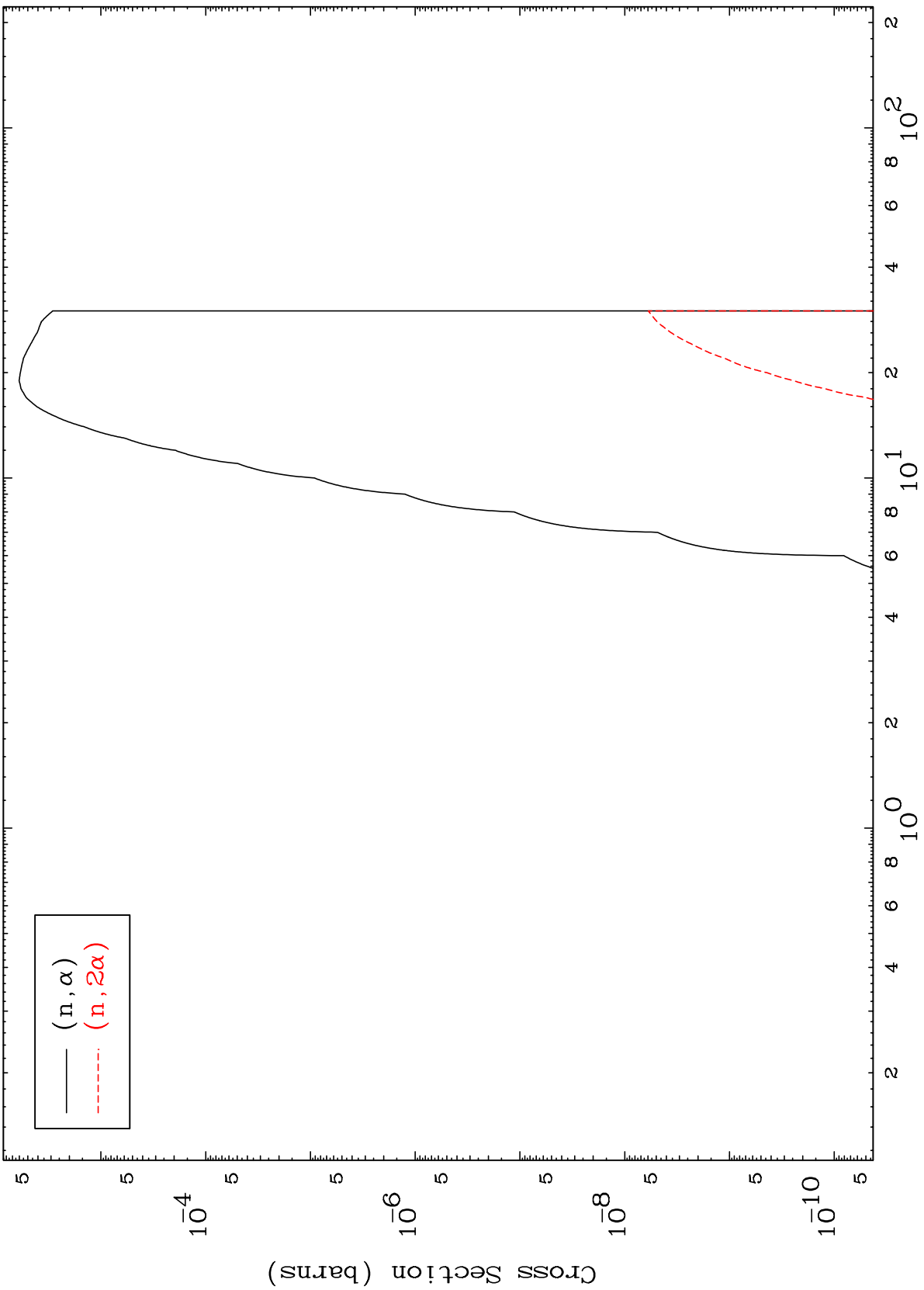
(n, He-3)

10

Incident Energy (MeV)

53-I -134

0 Kelvin Cross Sections

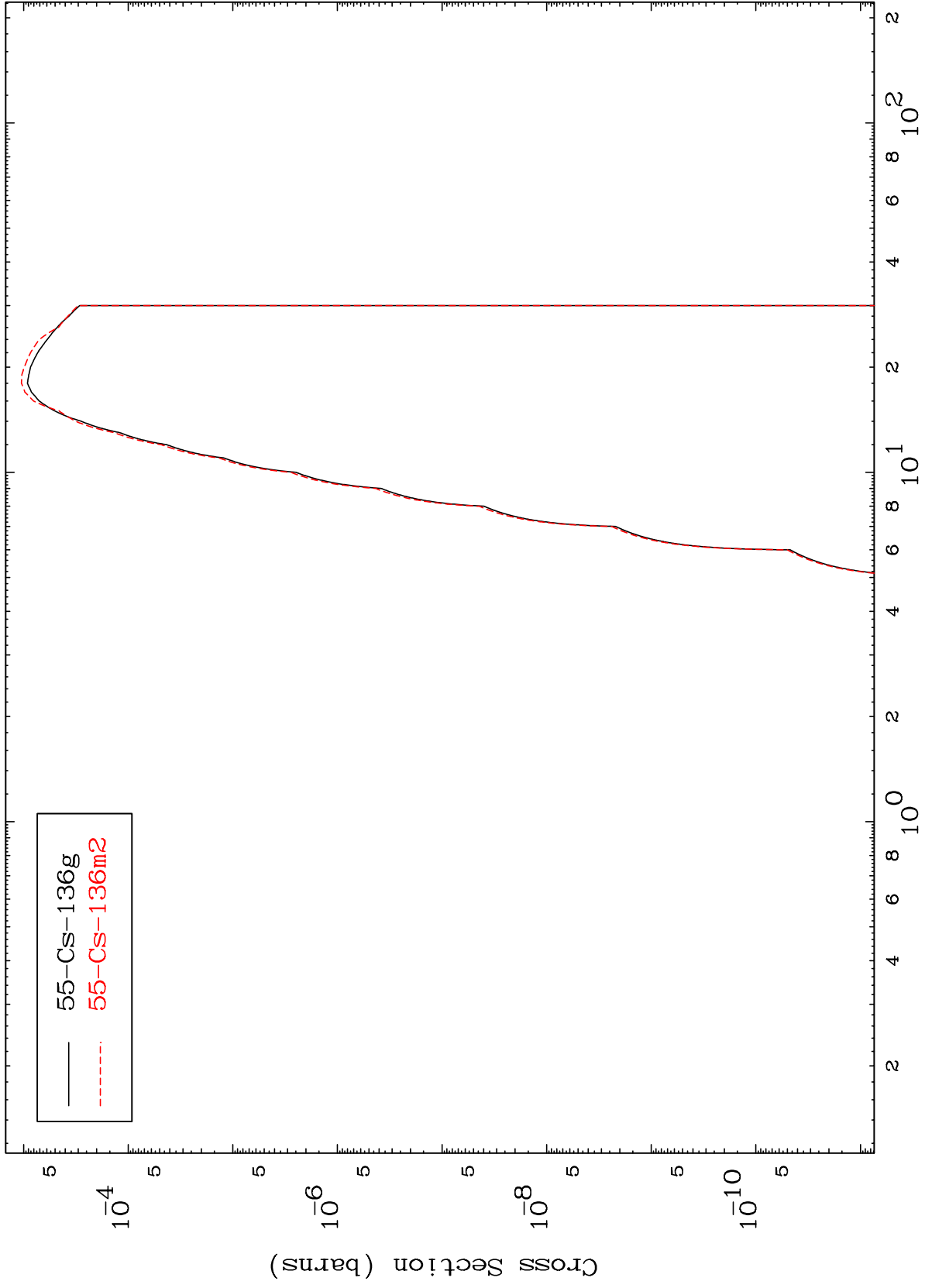


(n, α)
(n, 2α)

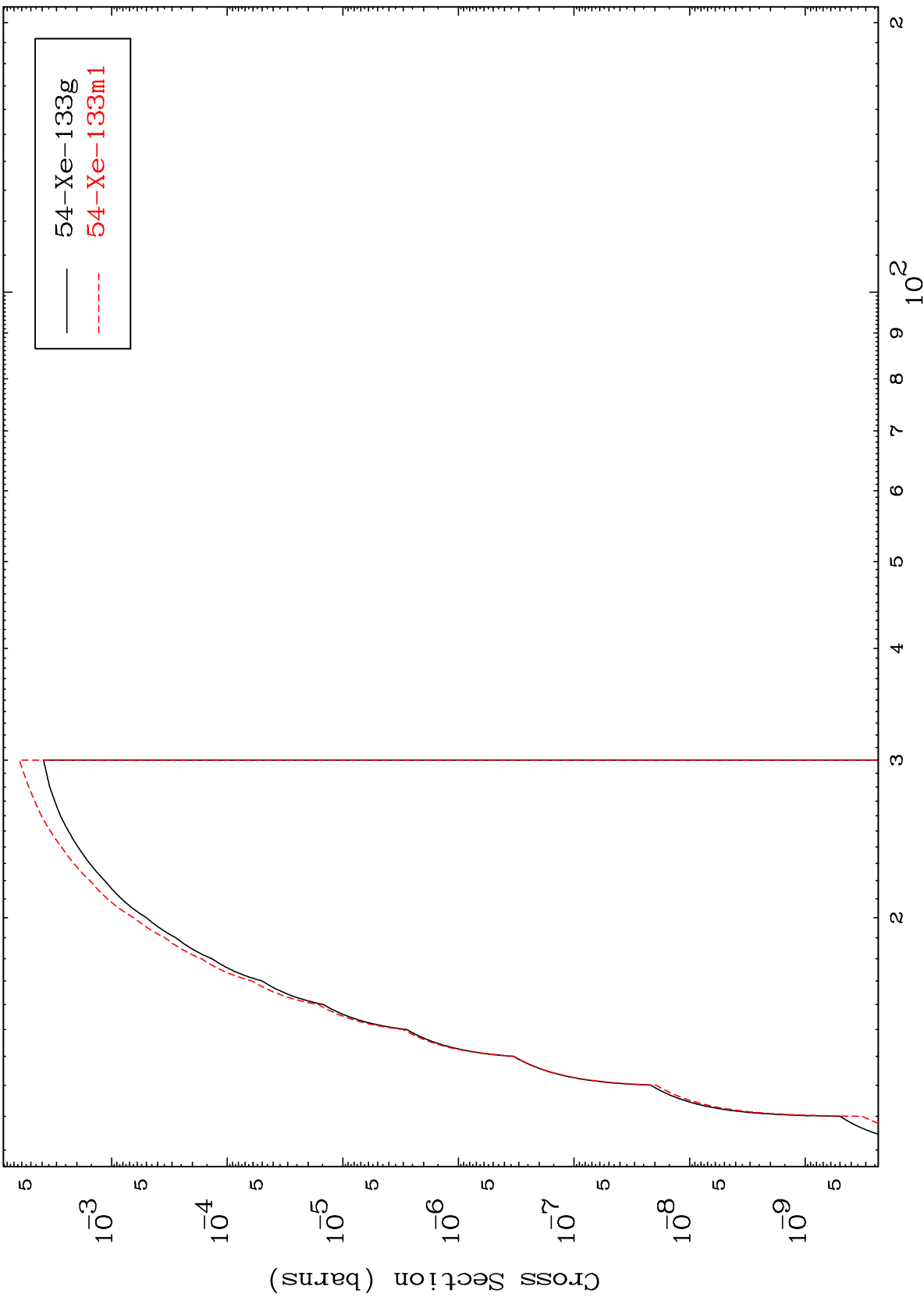
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53-I -134

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section



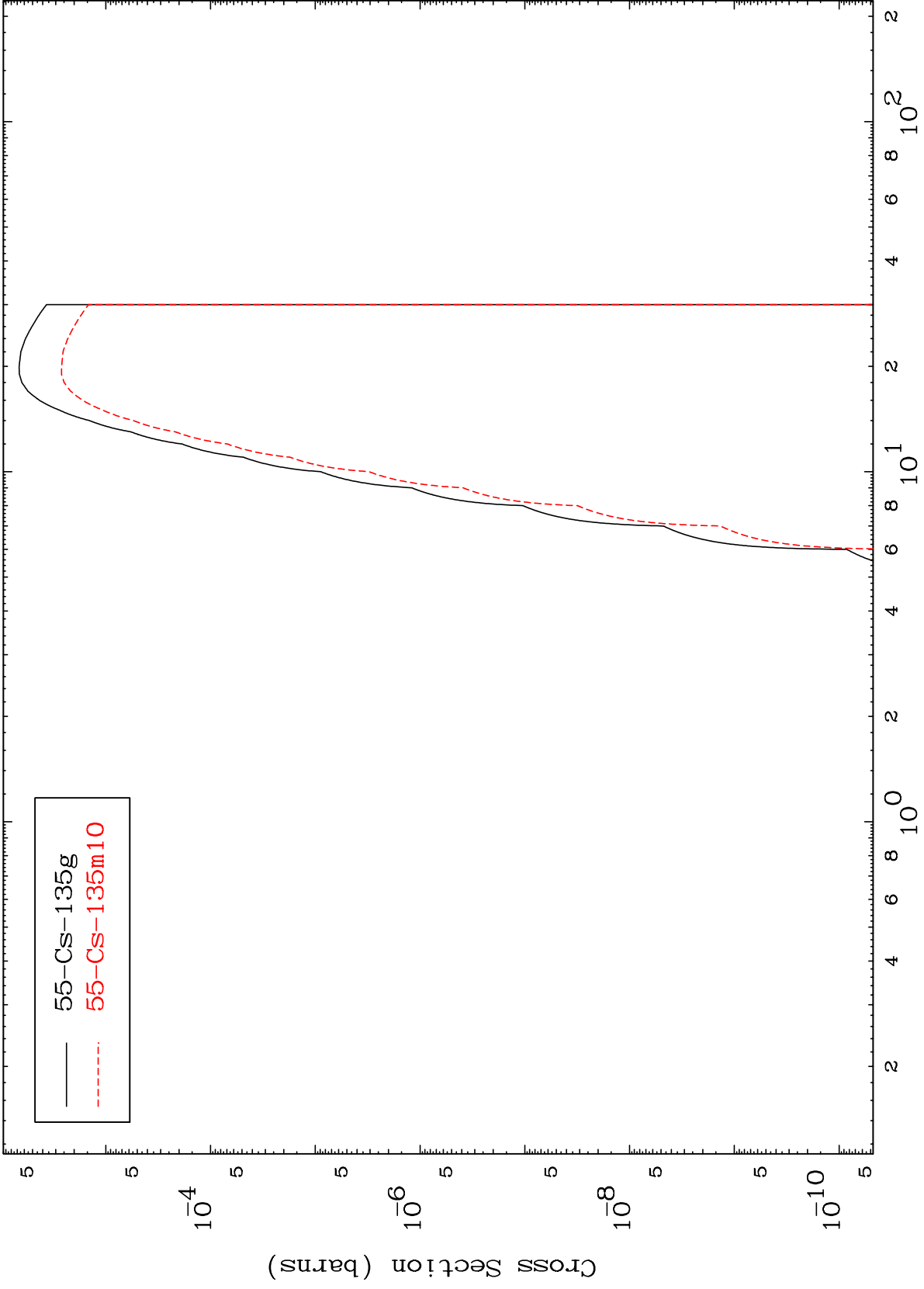
54-Xe-133g
54-Xe-133m1

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(n,2n)

53-I -134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

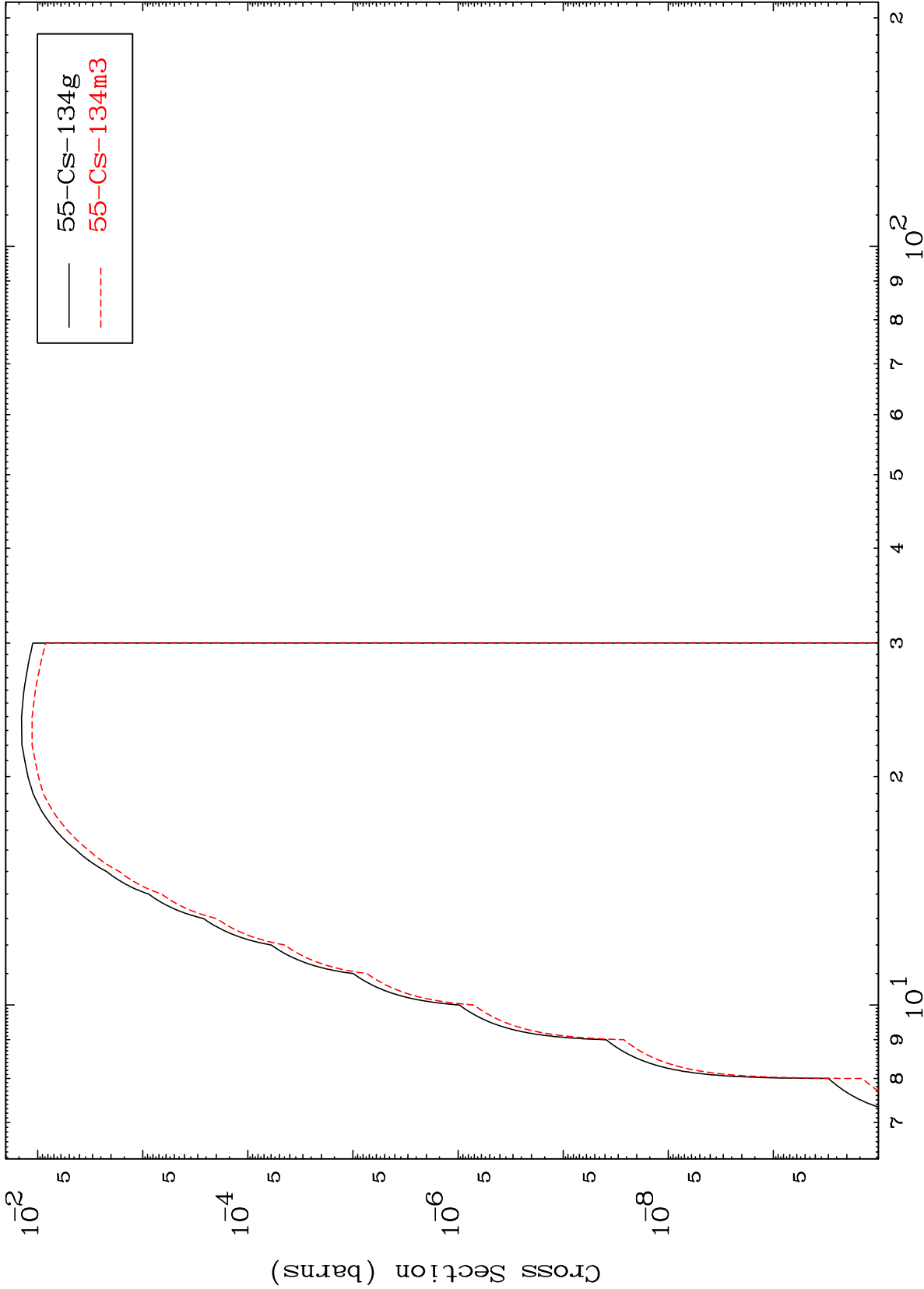
53-I -134

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(n,3n)

53-I -134

Radionuclide Production Cross Section



15

Incident Energy (MeV)

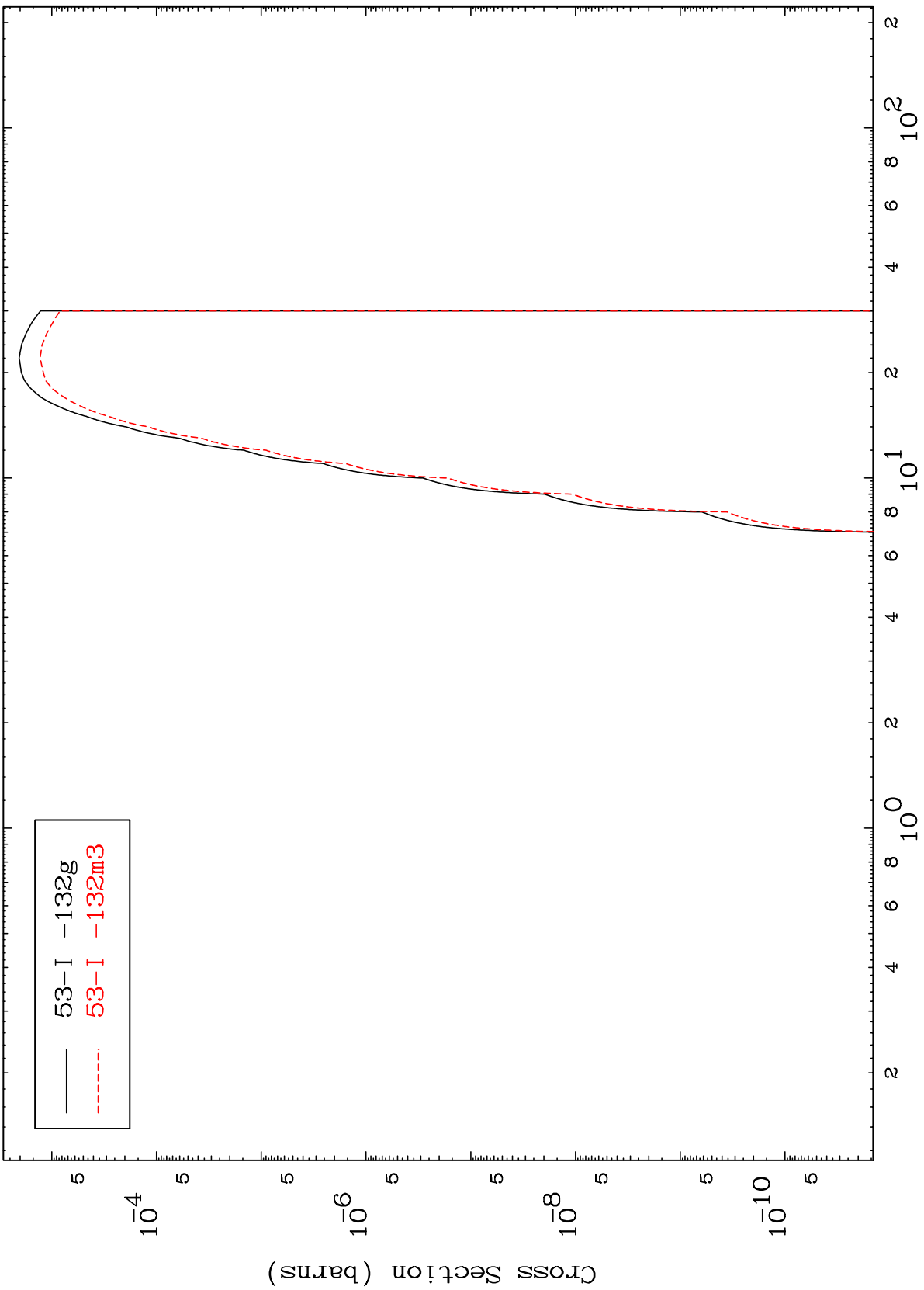
53-I -134

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(n,n') α

53-I -134

Radionuclide Production Cross Section



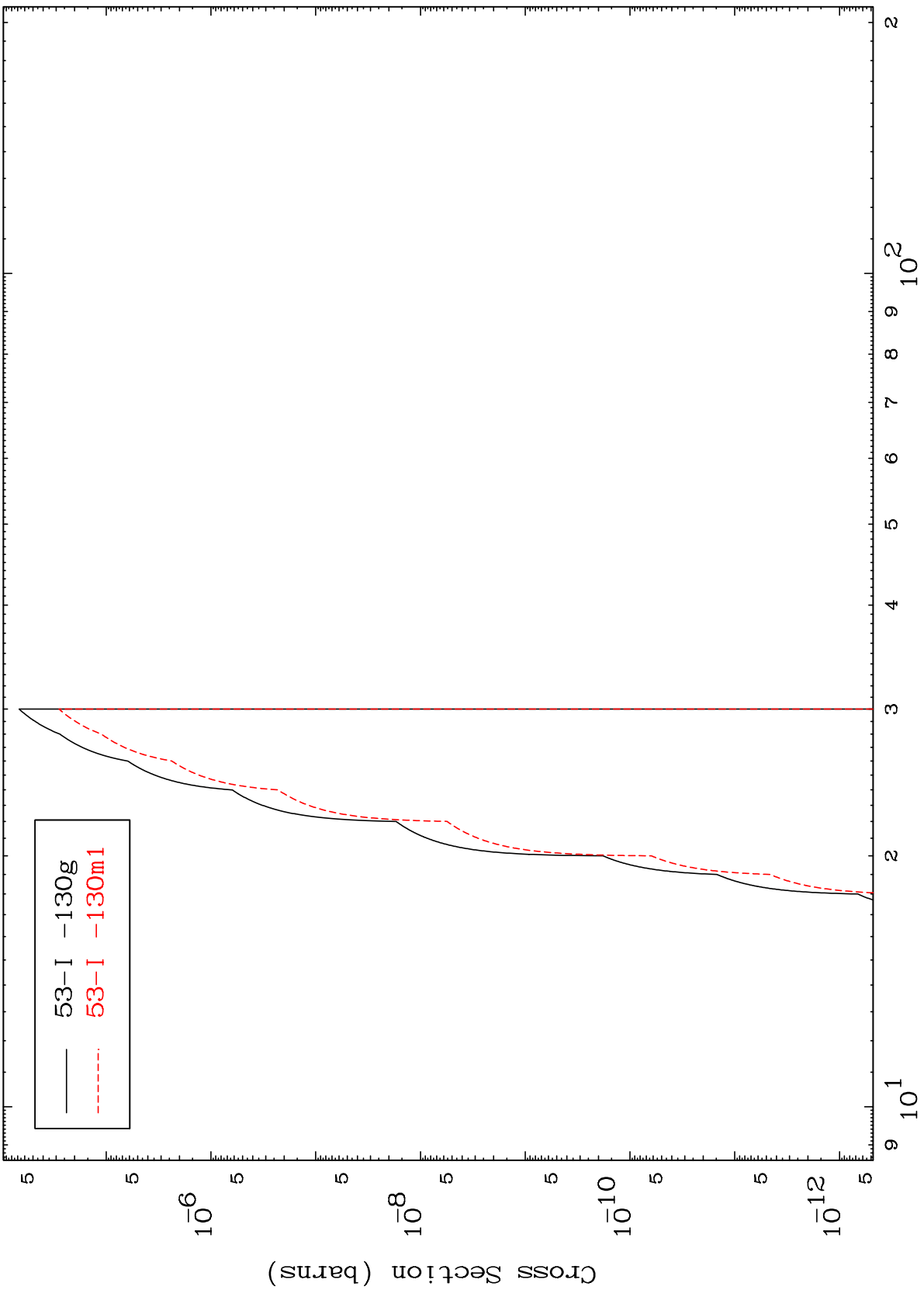
53-I -132g
53-I -132m3

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(n,3n) α

53-I -134

Radionuclide Production Cross Section



53-I -130g
53-I -130m1

17

Incident Energy (MeV)

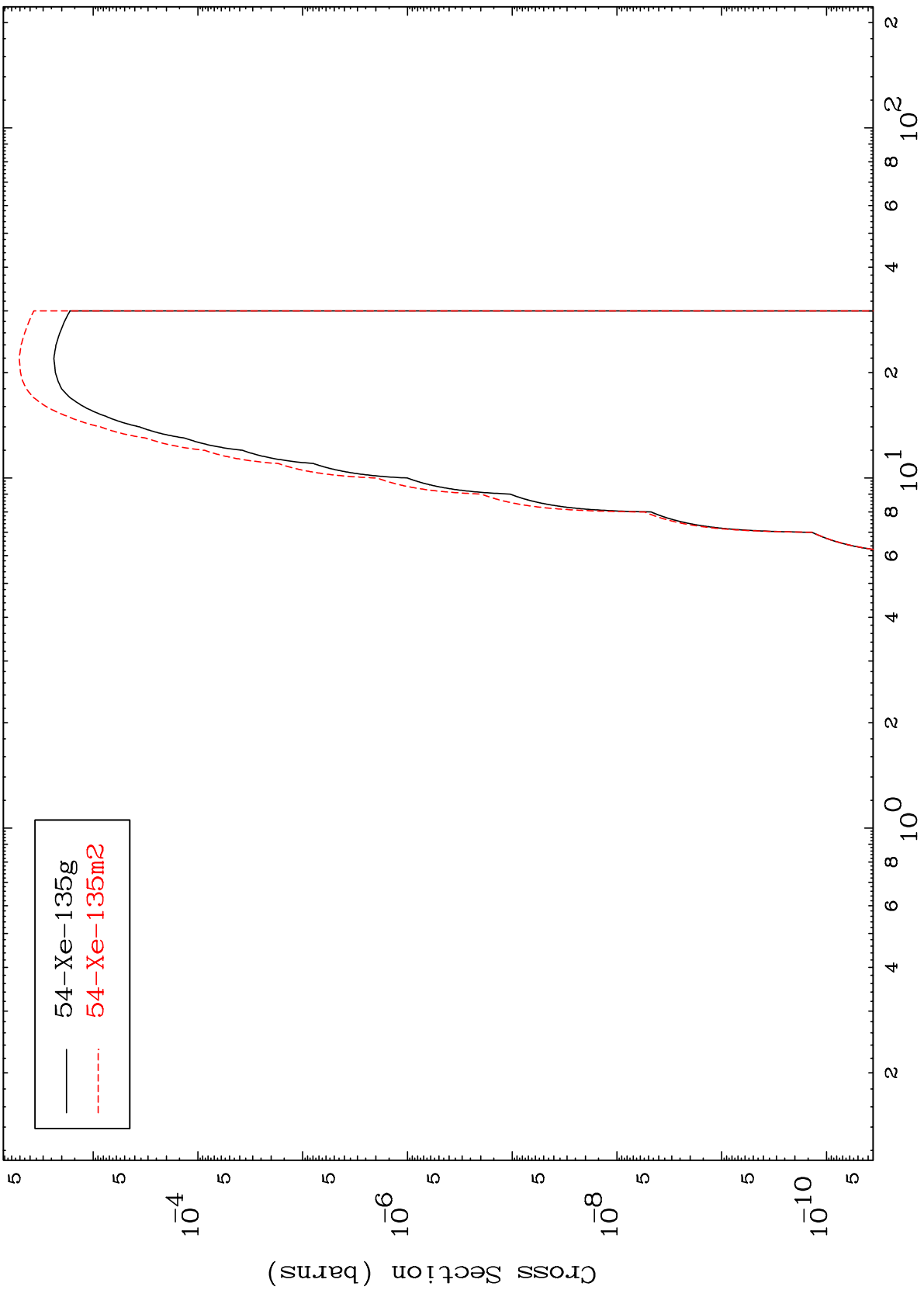
53-I -134

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(n,n') p

53-I -134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

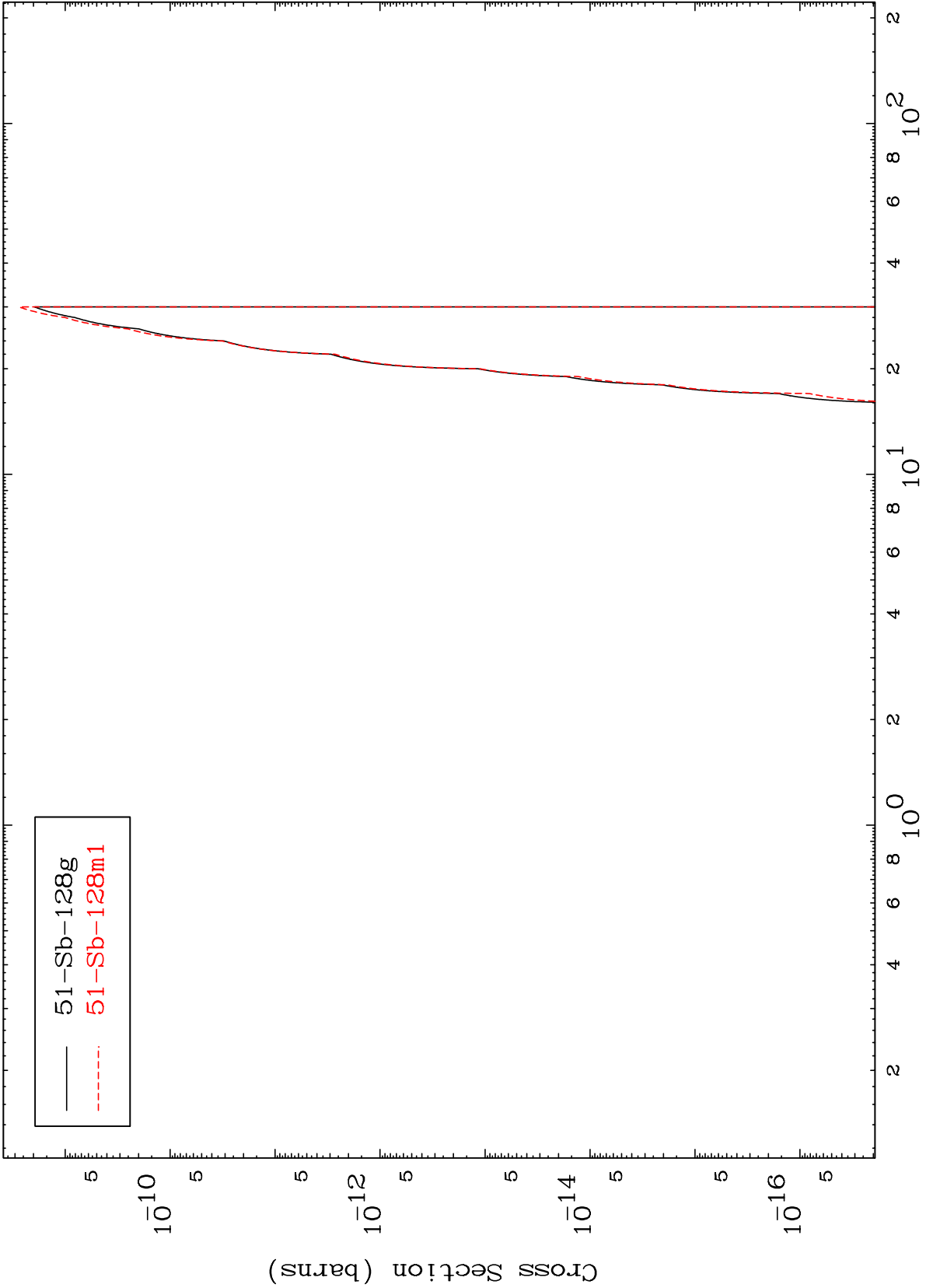
53-I -134

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(n,n') 2α

53-I -134

Radionuclide Production Cross Section

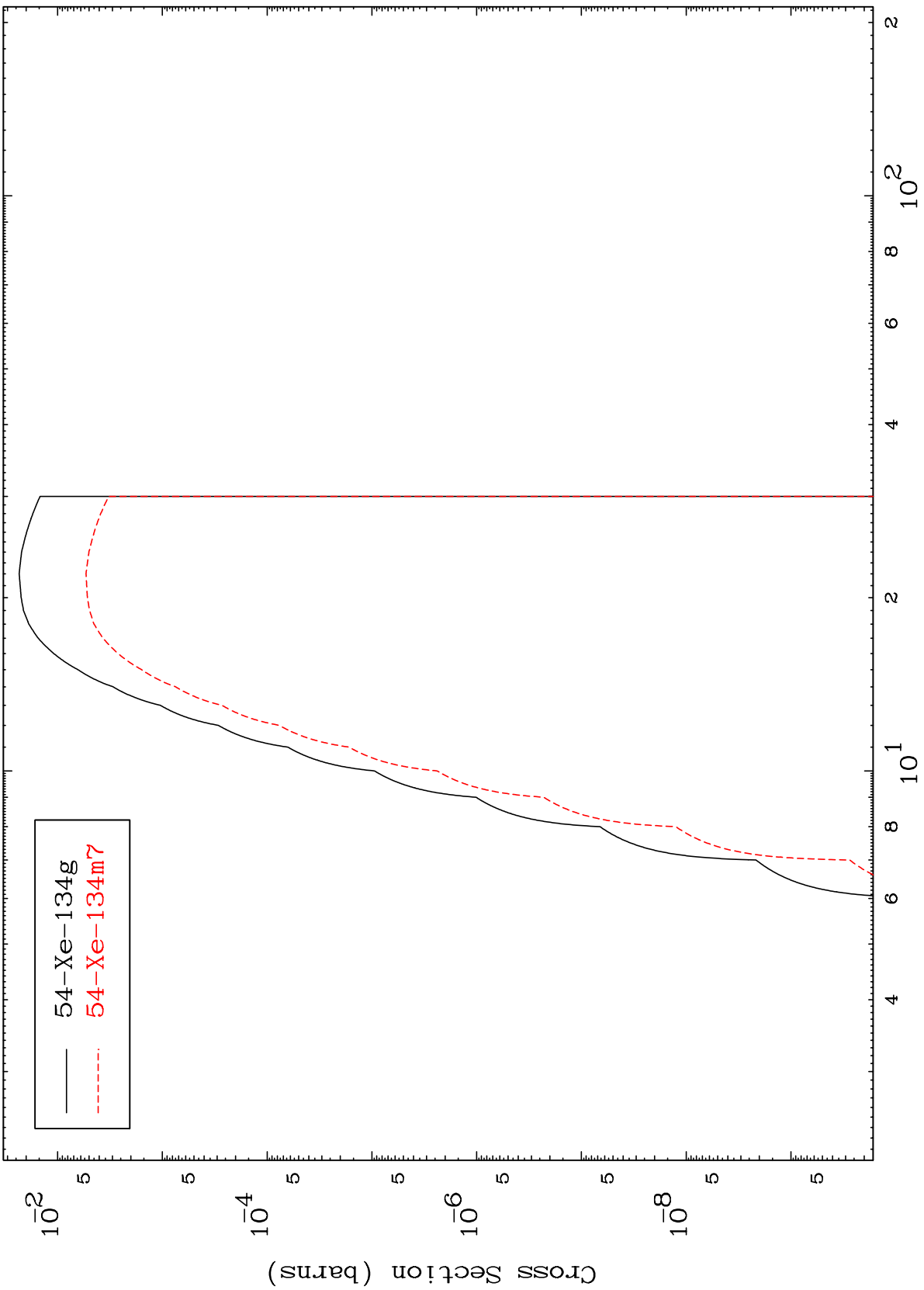


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(n,n') d

53-I -134

Radionuclide Production Cross Section



— 54-Xe-134g
- - - 54-Xe-134m7

20

Incident Energy (MeV)

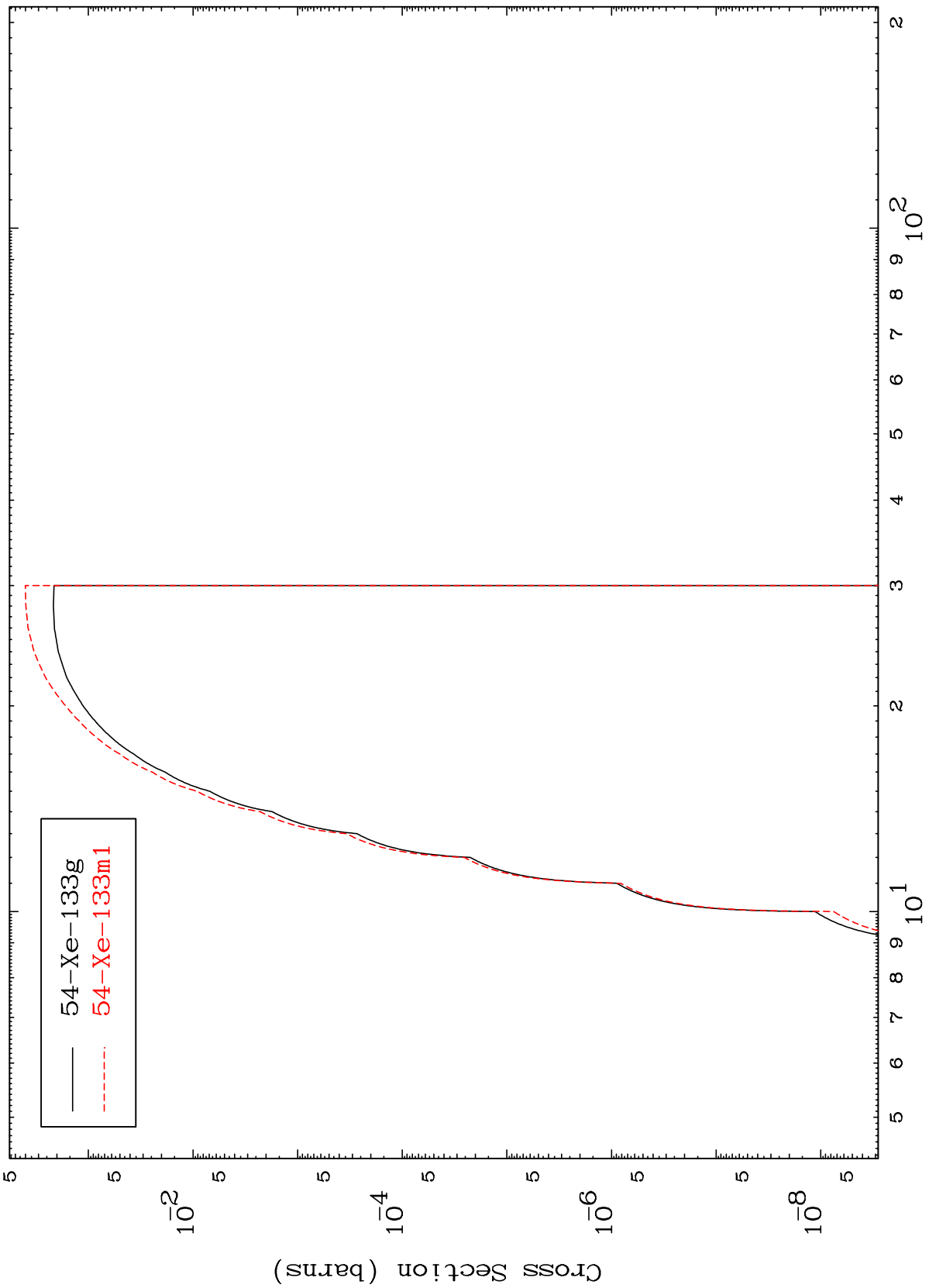
53-I -134

MAT 5346

(n,n') t

53-I -134

Radionuclide Production Cross Section



21

Incident Energy (MeV)

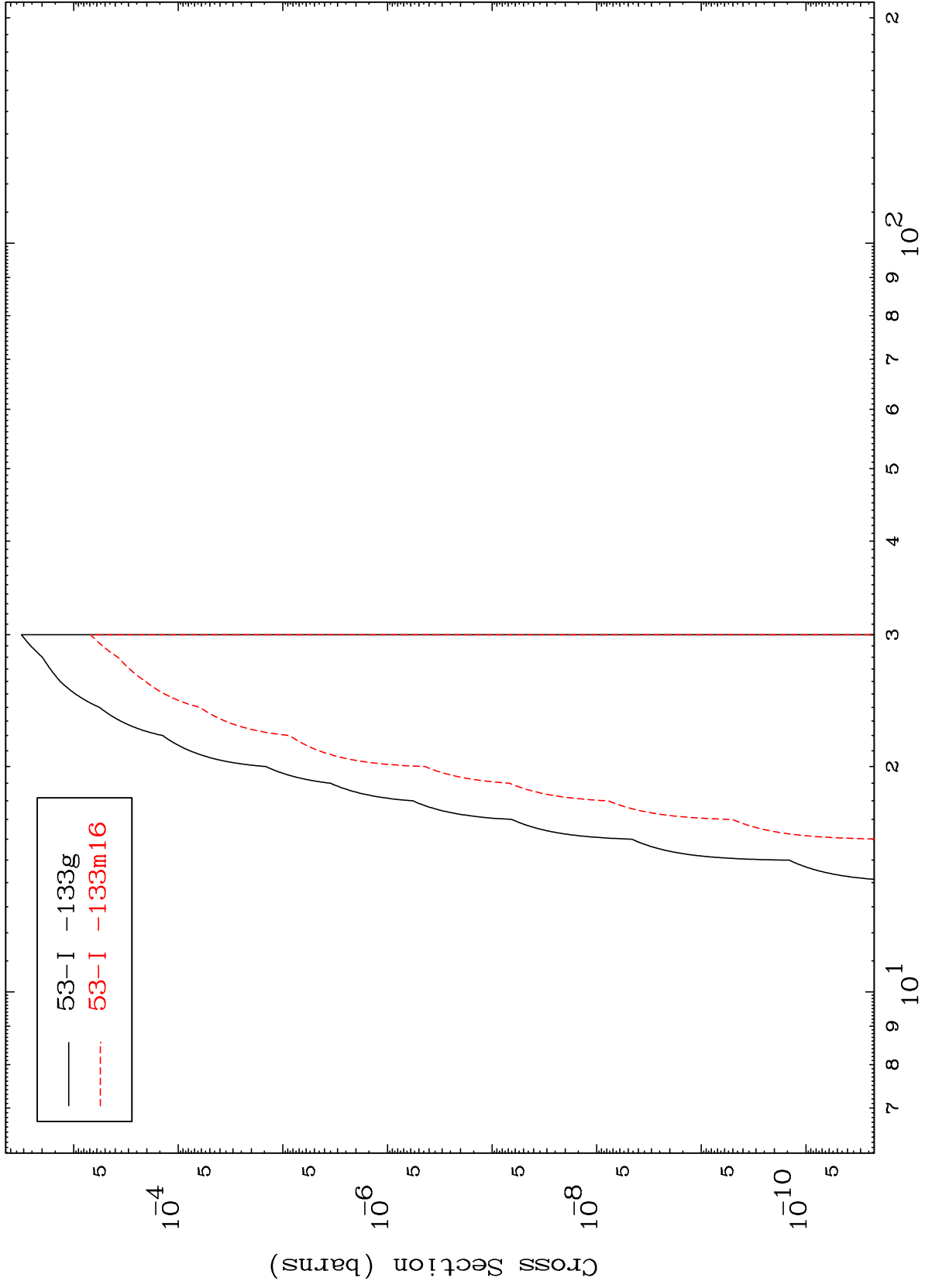
53-I -134

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(n,n') He-3

53-I -134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

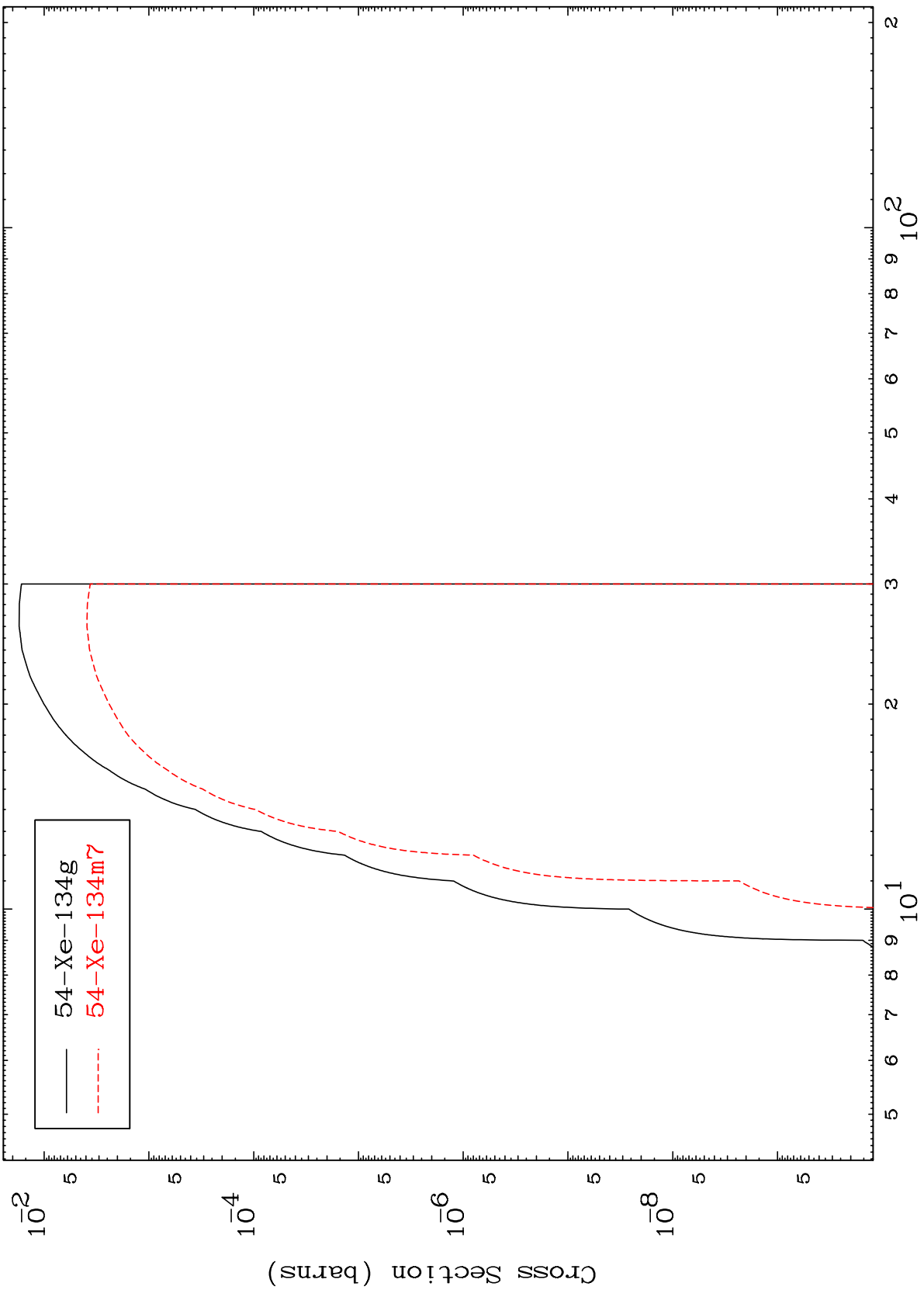
53-I -134

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(n,2n) p

53-I -134

Radionuclide Production Cross Section



23

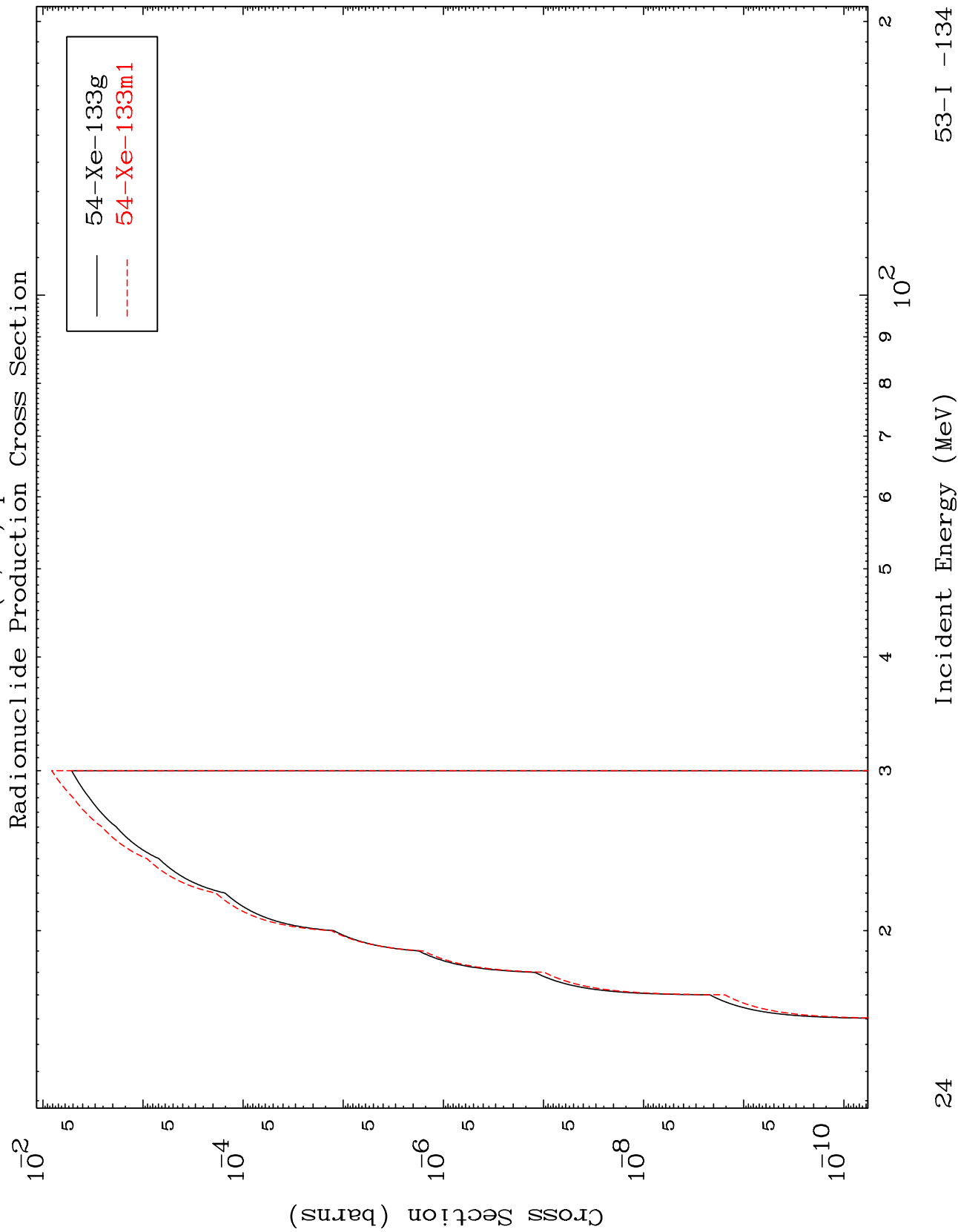
Incident Energy (MeV)

53-I -134

MAT 5346

(n,3n) p

53-I -134



24

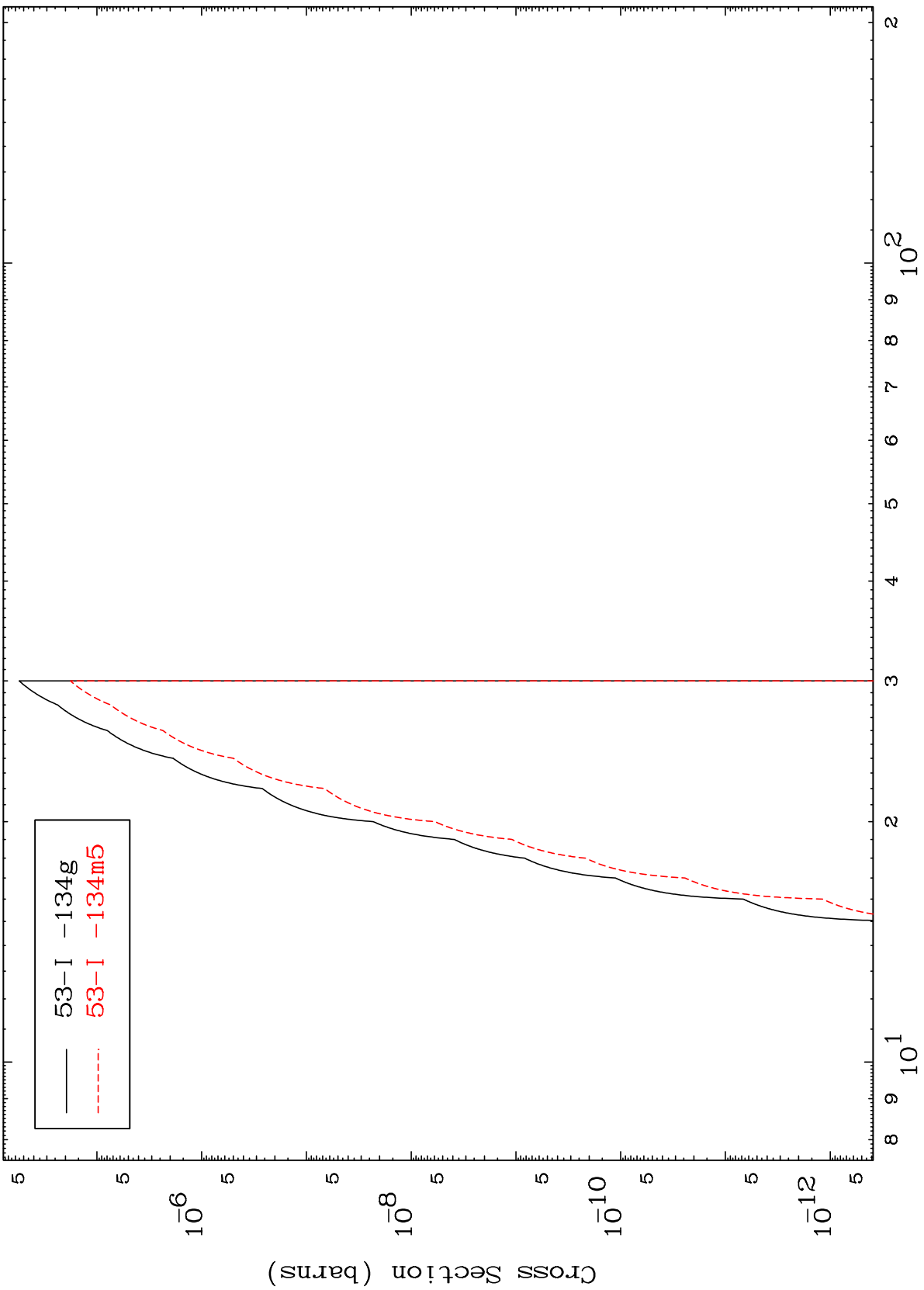
53-I -134

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(n,2n) p

53-I -134

Radionuclide Production Cross Section



53-I -134g
53-I -134m5

25

Incident Energy (MeV)

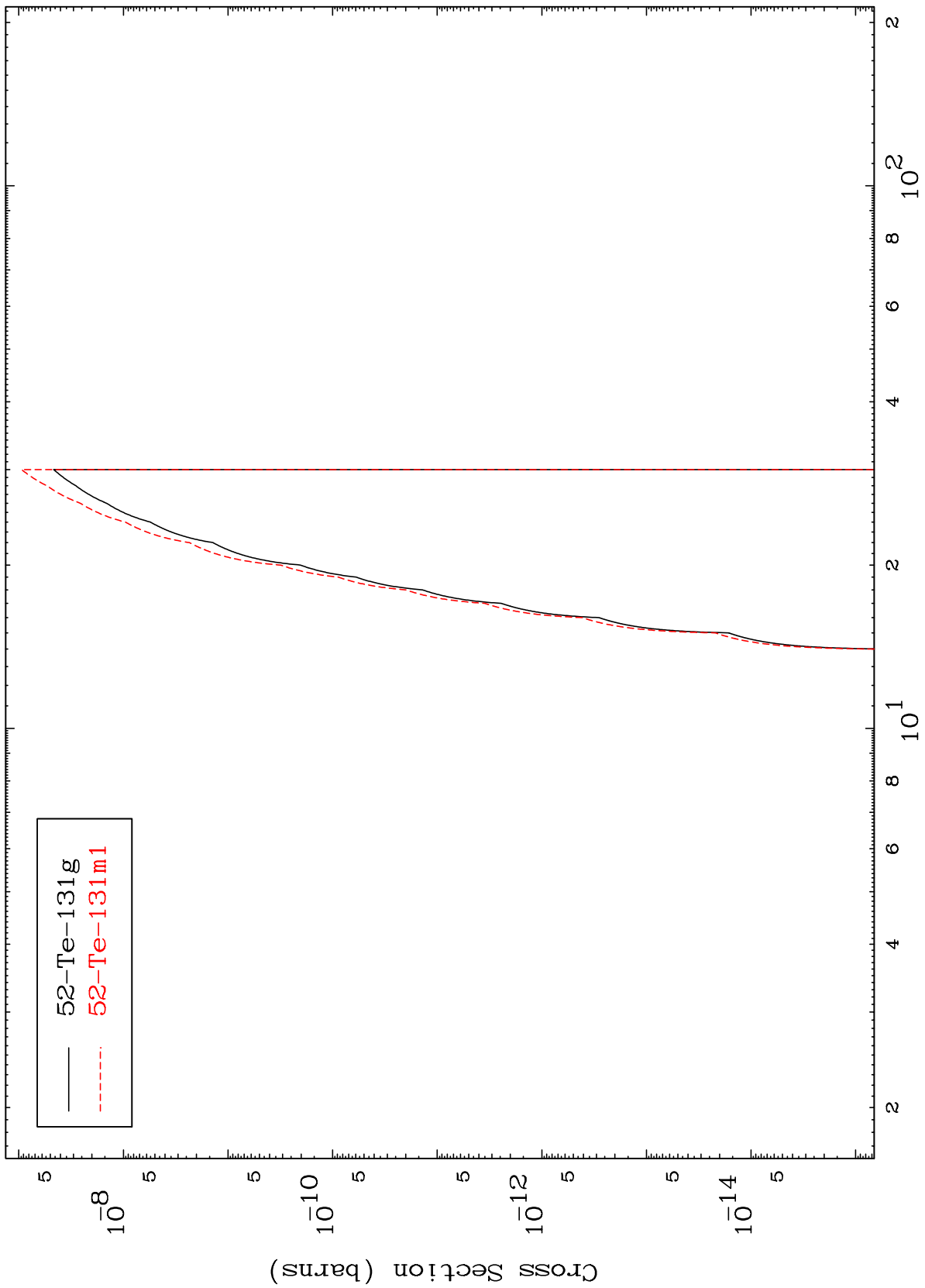
53-I -134

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(n,n') p α

53-I -134

Radionuclide Production Cross Section



— 52-Te-131g
- - - 52-Te-131m1

26

Incident Energy (MeV)

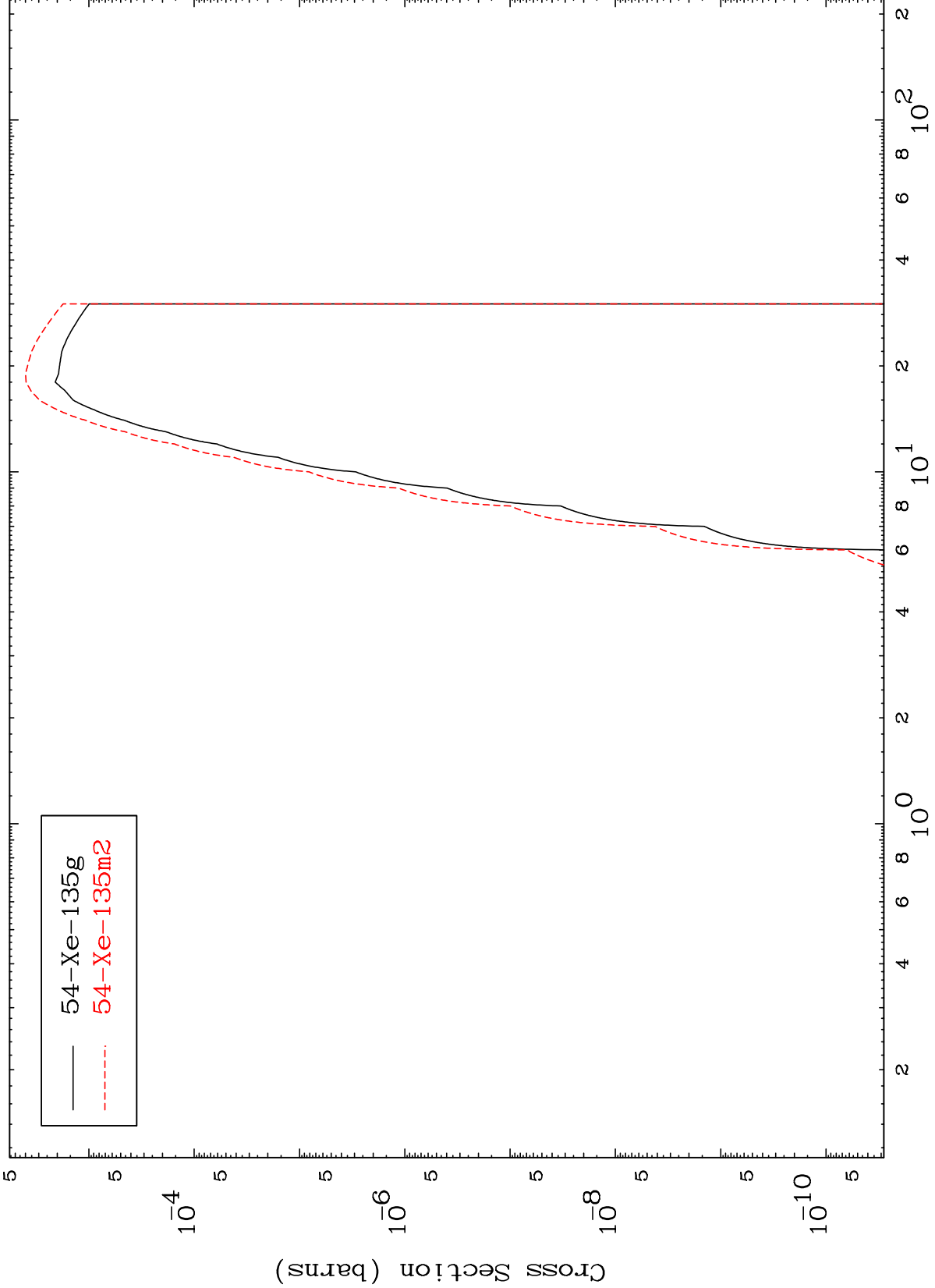
53-I -134

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(n,d)

53-I -134

Radionuclide Production Cross Section

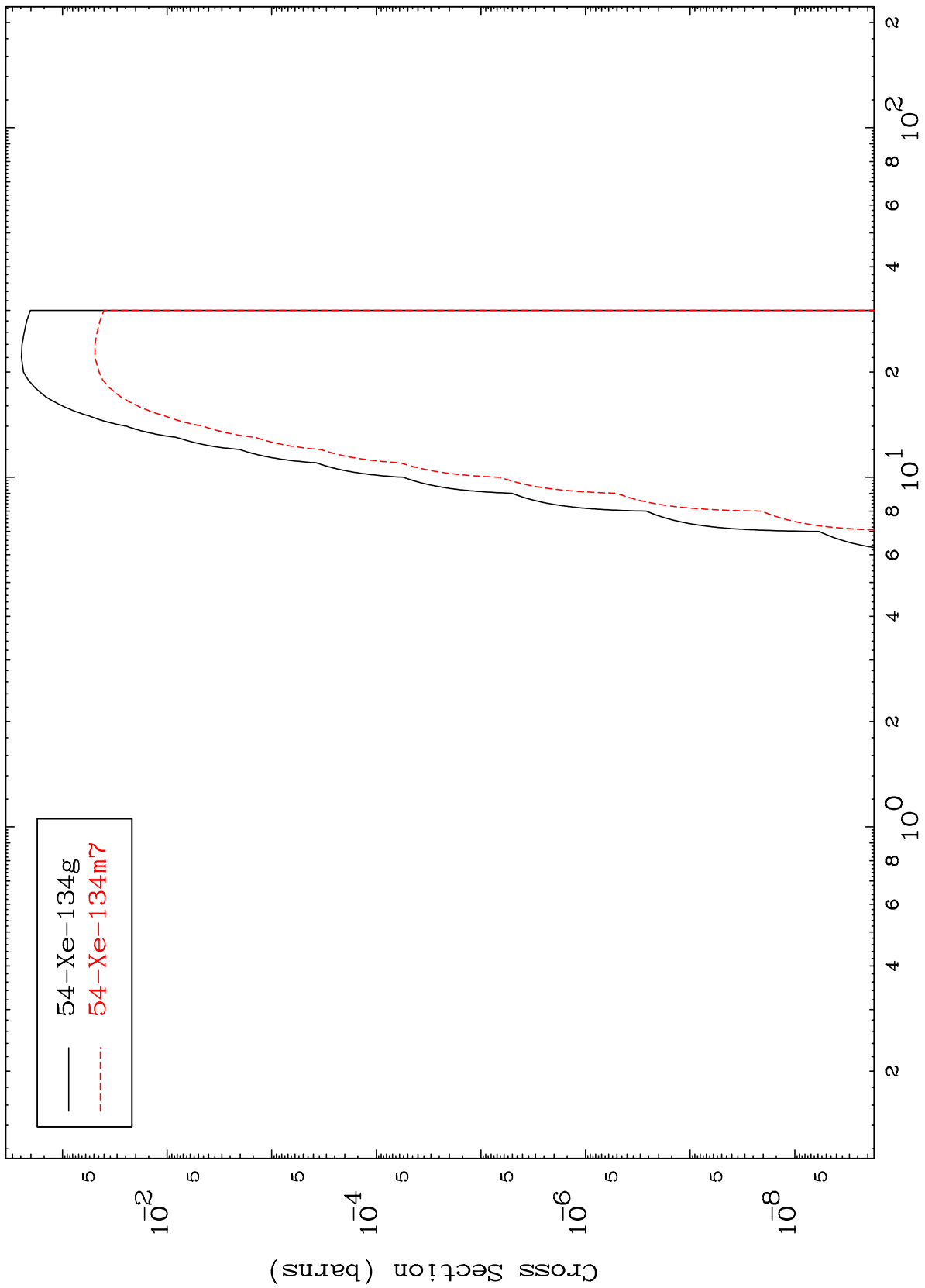


54-Xe-135g
54-Xe-135m2

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53-I -134

(n,t)
Radionuclide Production Cross Section



53-I -134

Incident Energy (MeV)

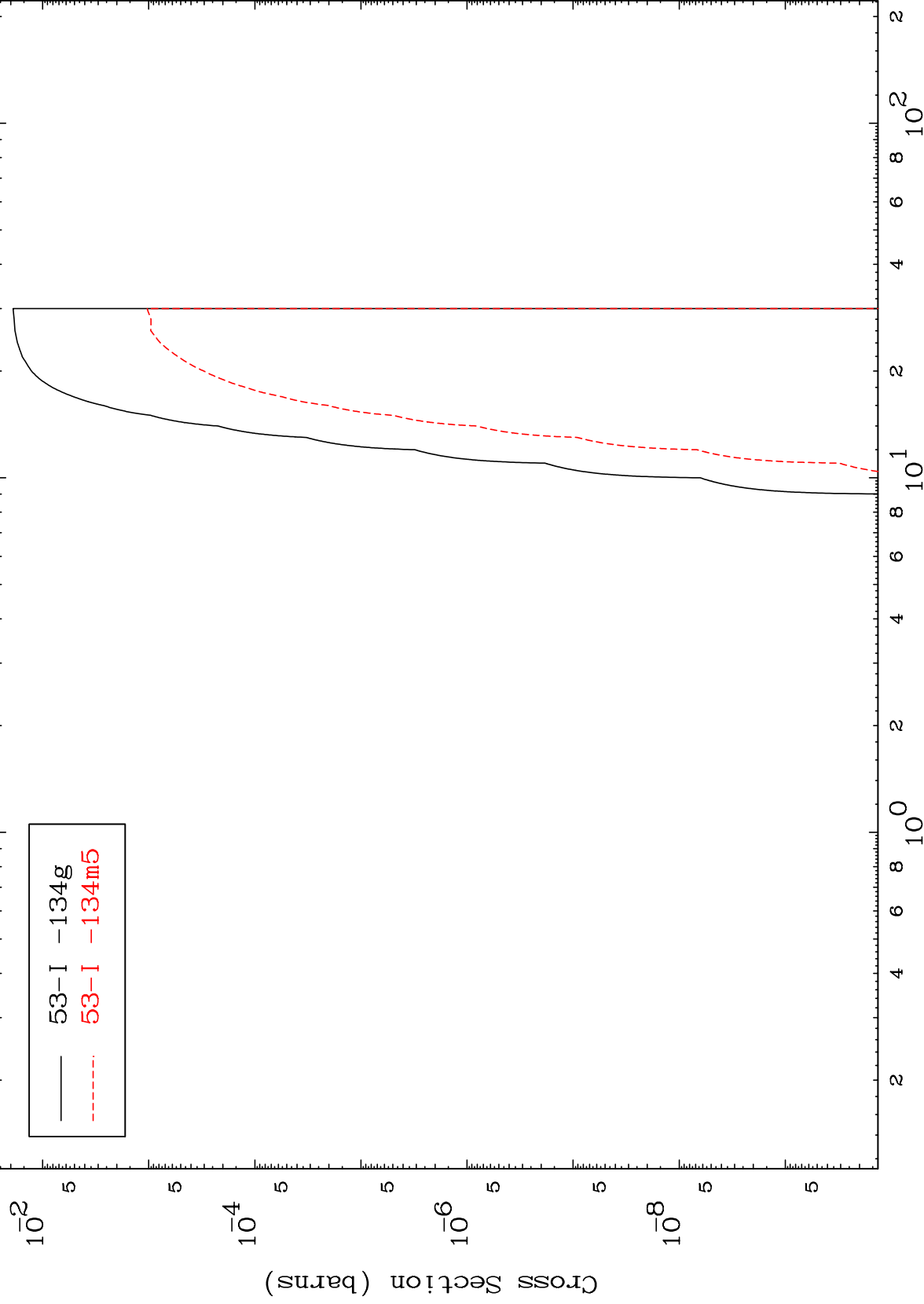
28

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(n,He-3)

53-I -134

Radionuclide Production Cross Section

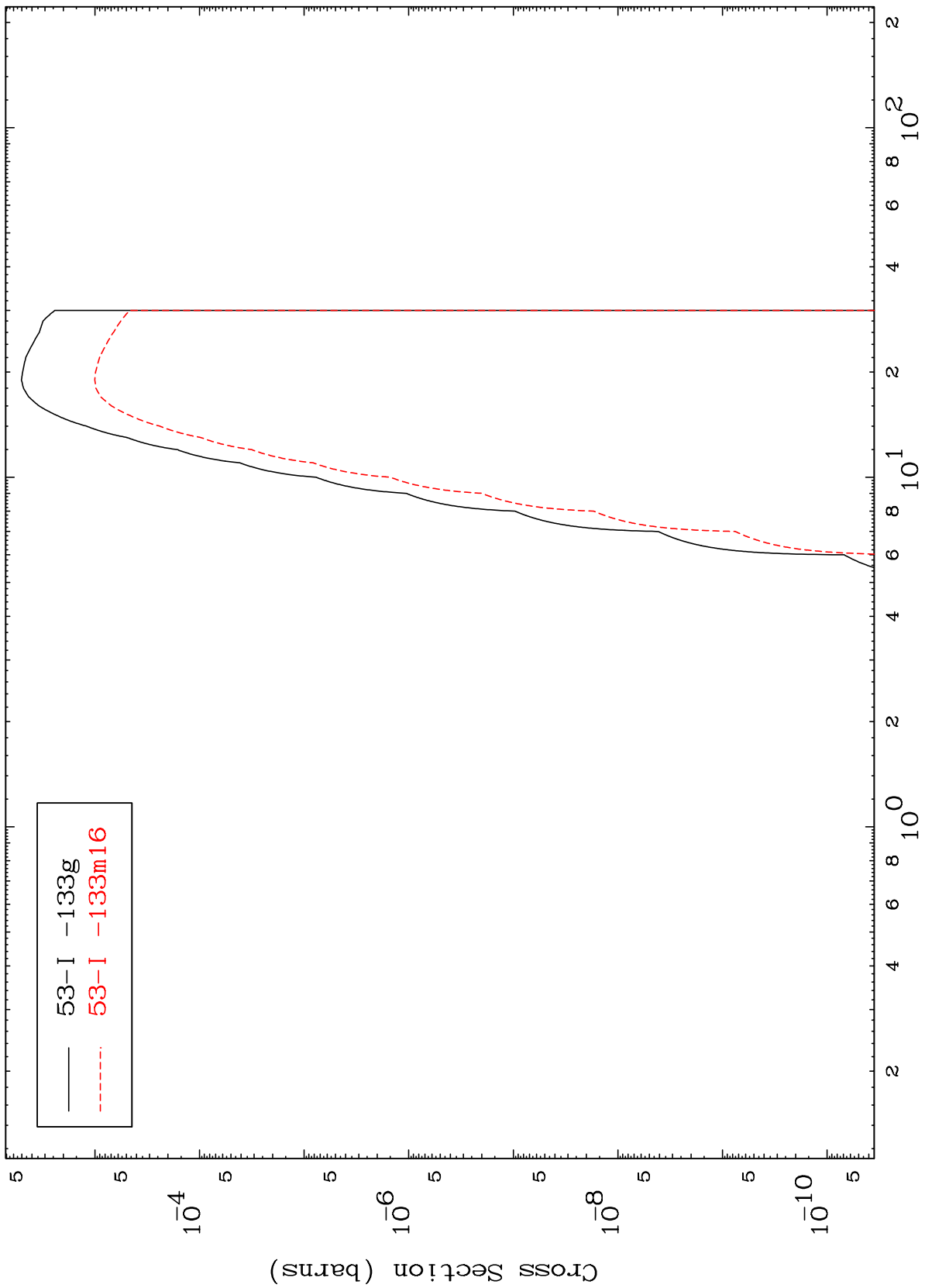


53-I -134g
53-I -134m5

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53-I -134

(n, α)
Radionuclide Production Cross Section



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

53-I -134

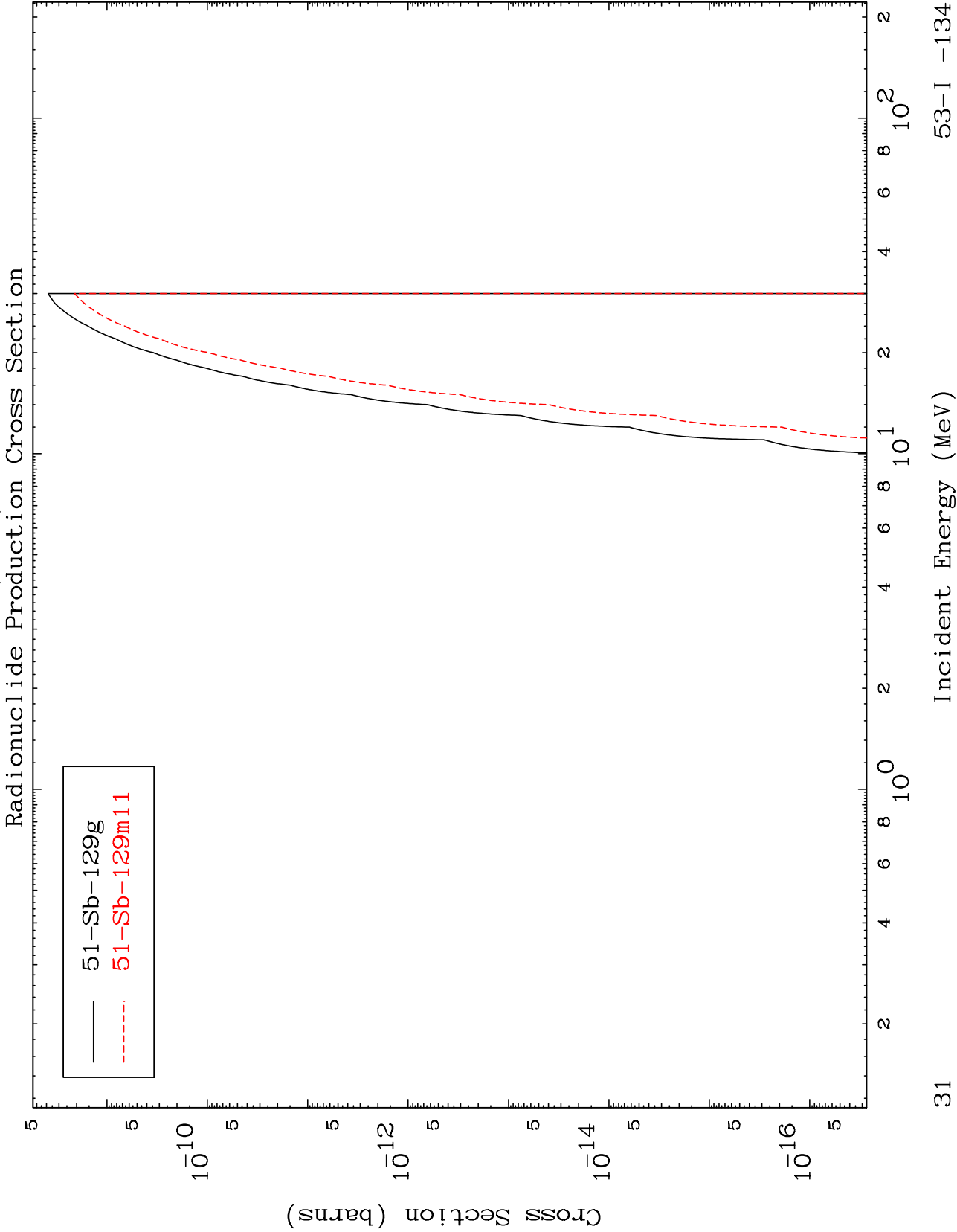
Incident Energy (MeV)

30

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(n,2α)

53-I -134

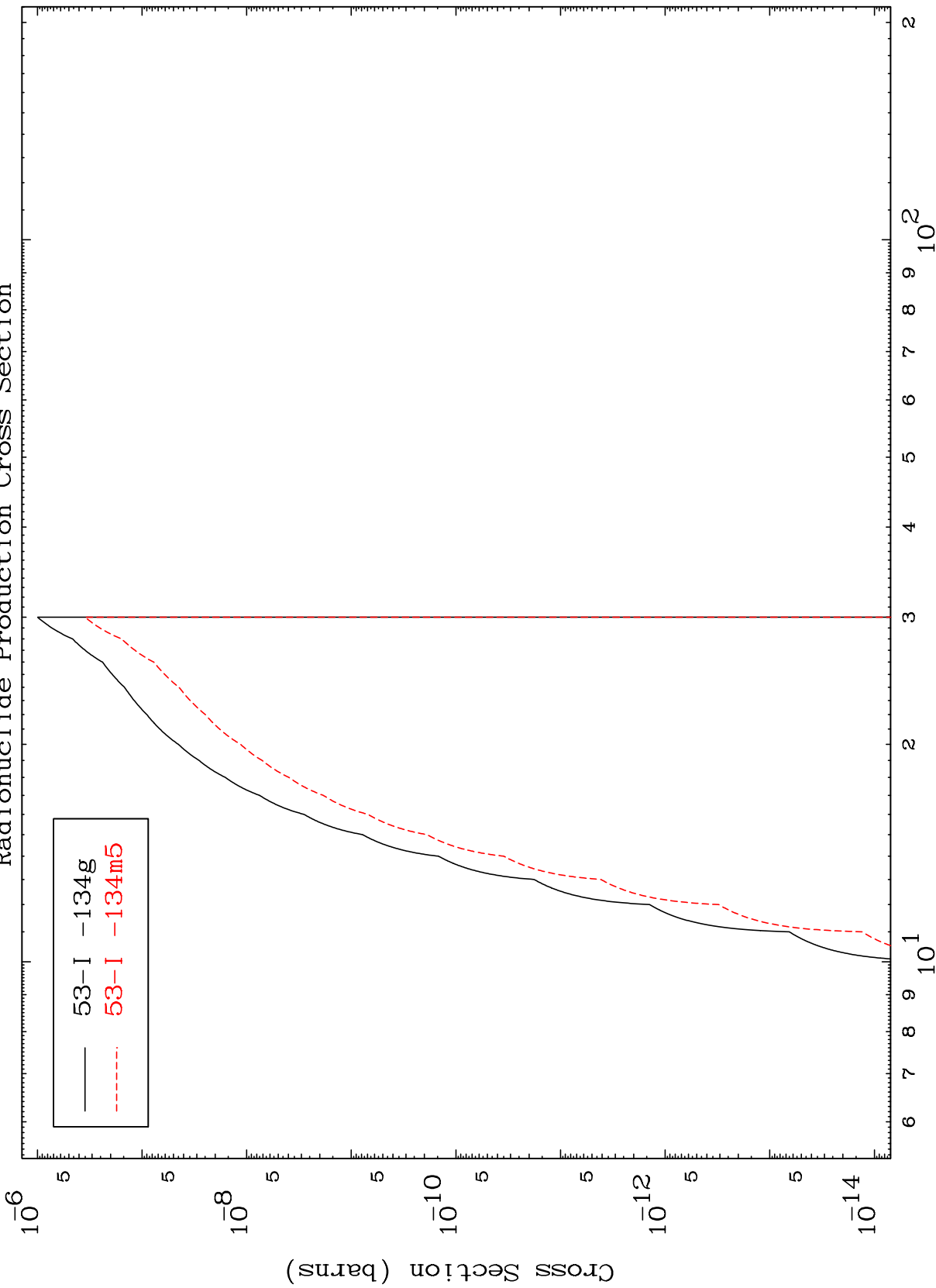


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(n,p) d

53-I -134

Radionuclide Production Cross Section

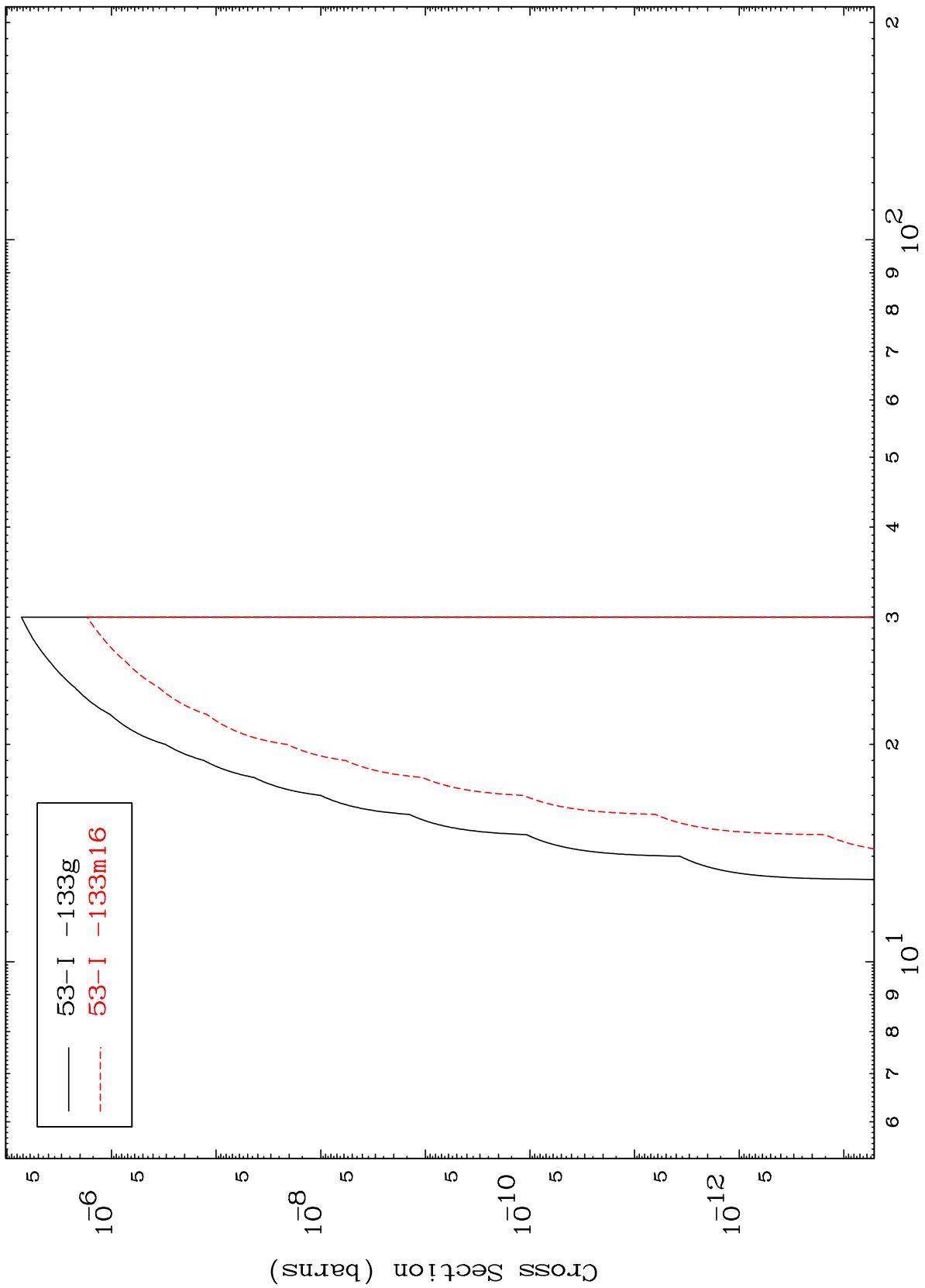


32

Incident Energy (MeV)

53-I -134

Radionuclide Production Cross Section



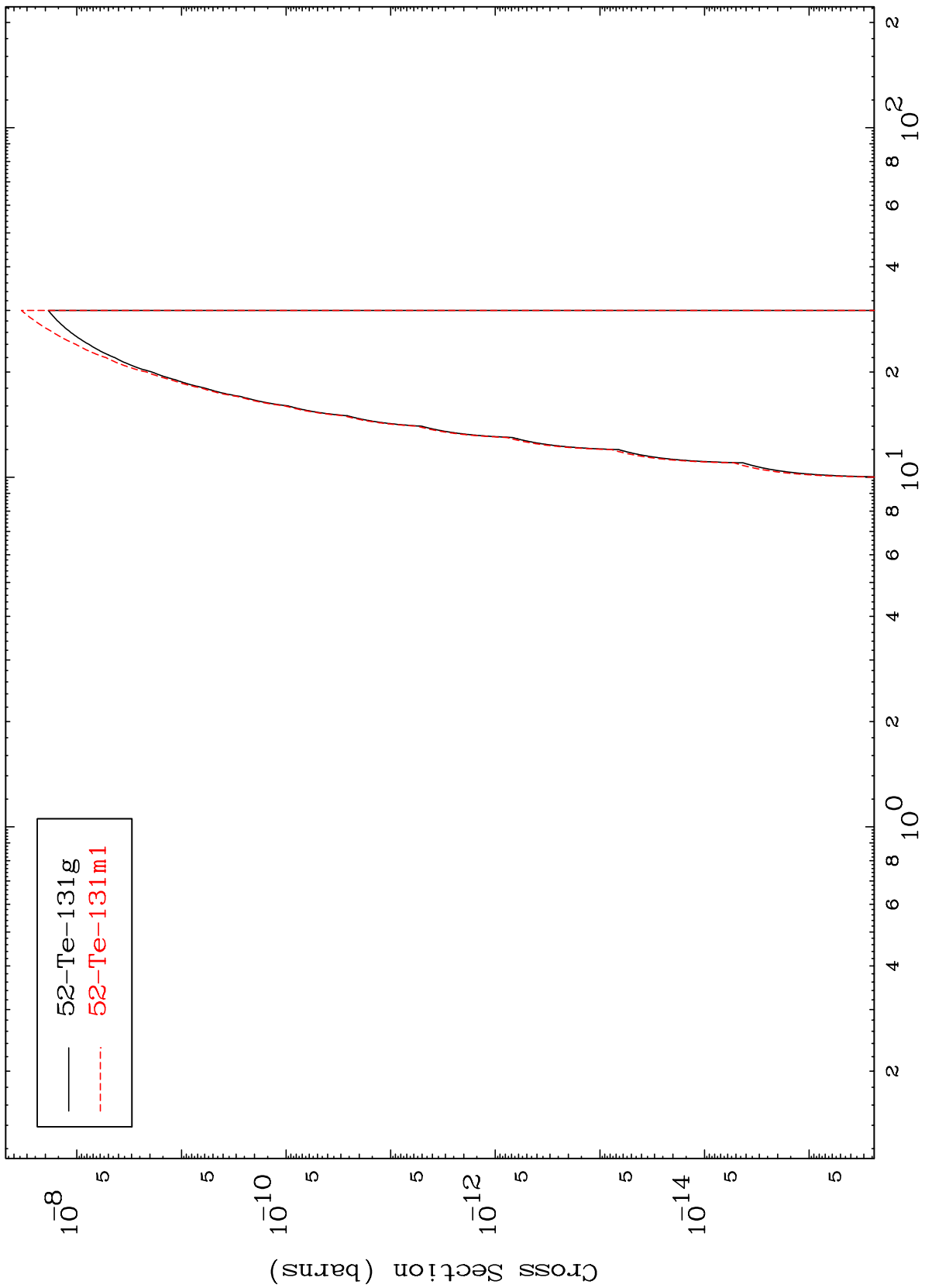
53-I -133g
53-I -133m16

MAT 5346

(n,d) α

53-I -134

Radionuclide Production Cross Section



34

53-I -134