

Program EVALPLOT
(Version 2021-1)

by

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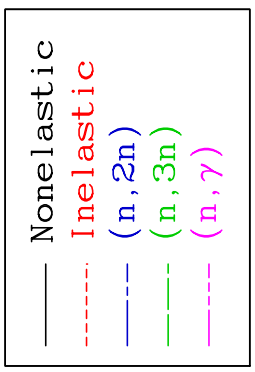
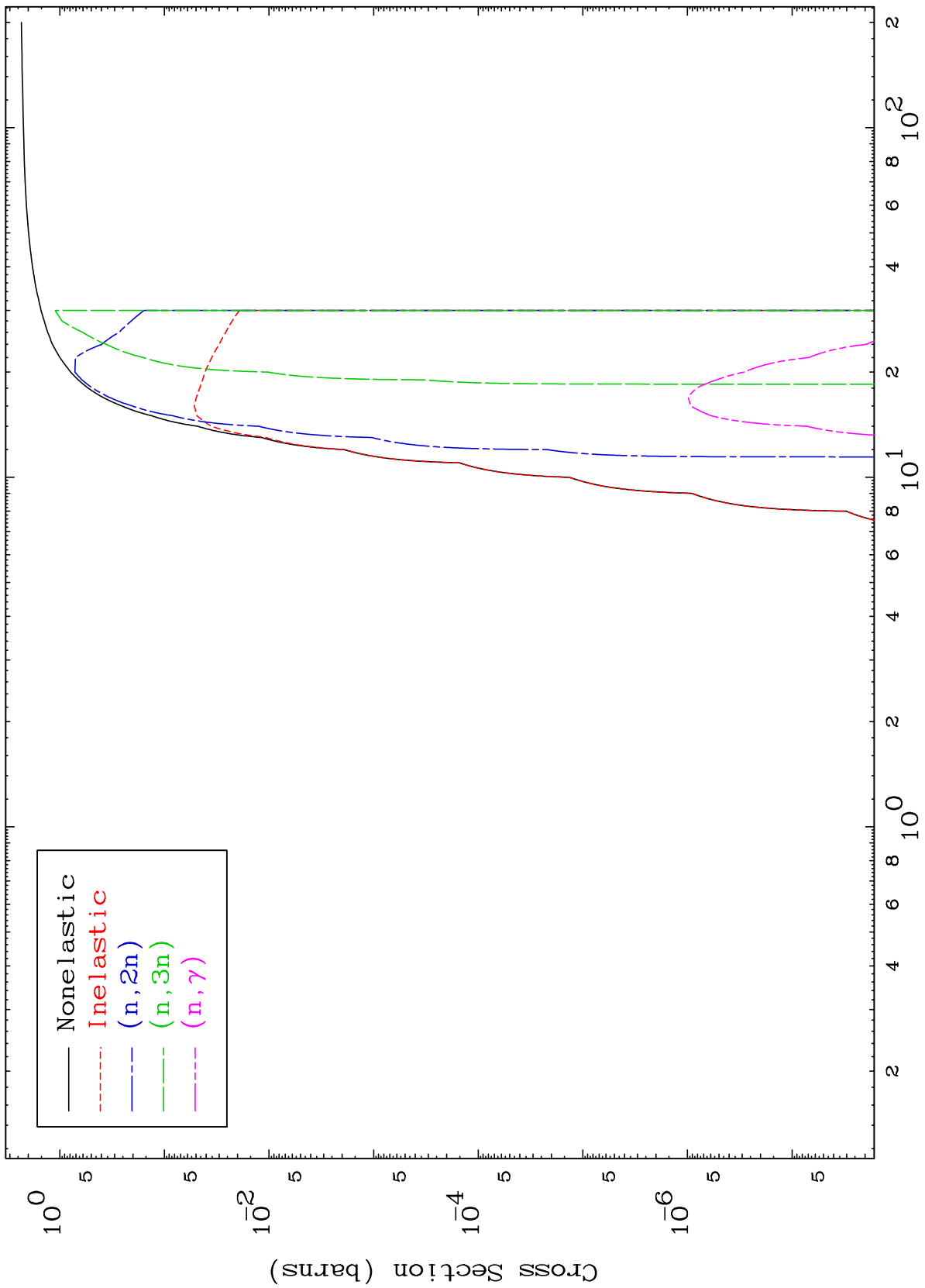
Press Mouse Button to Start

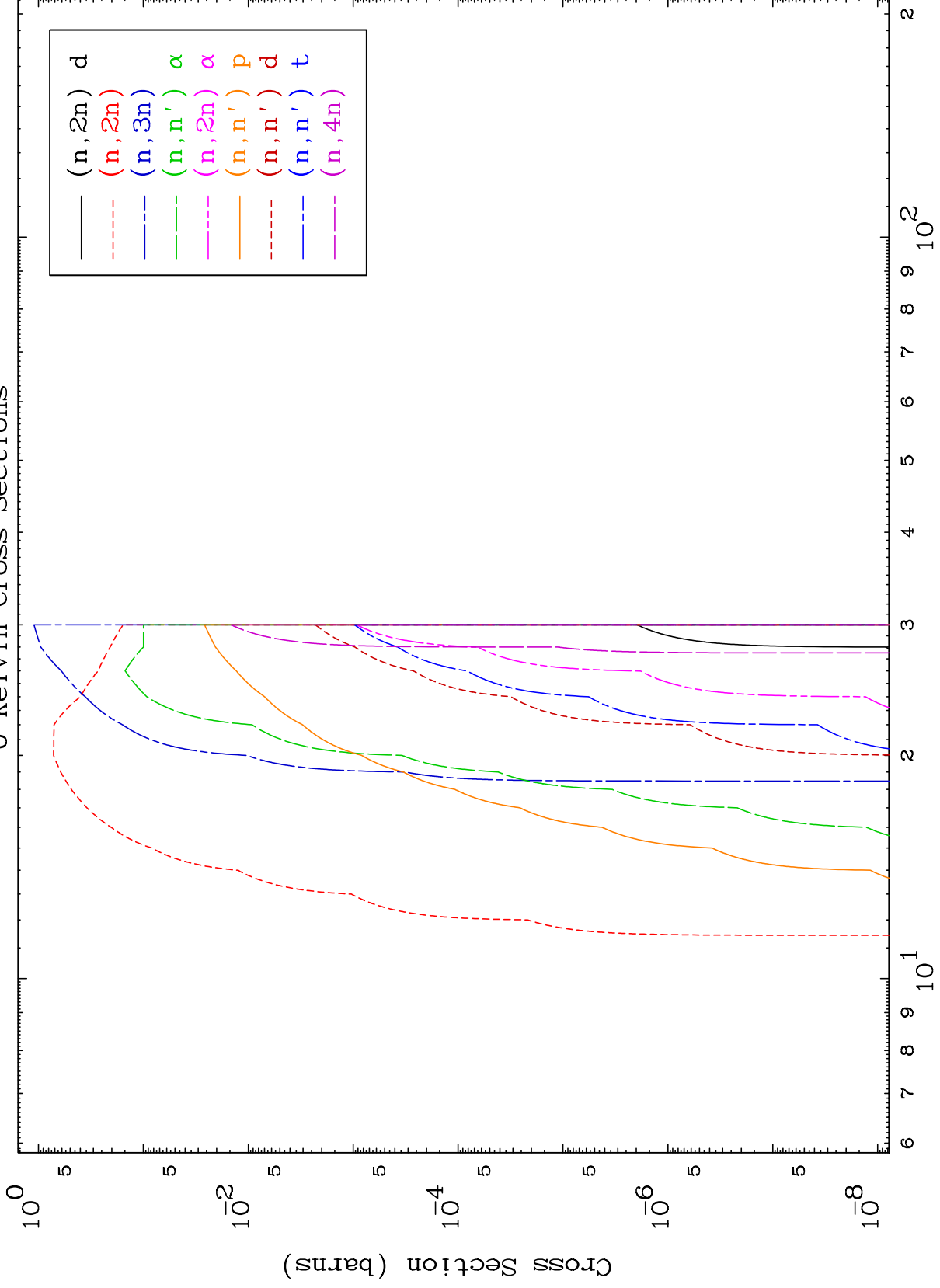
MAT 5347

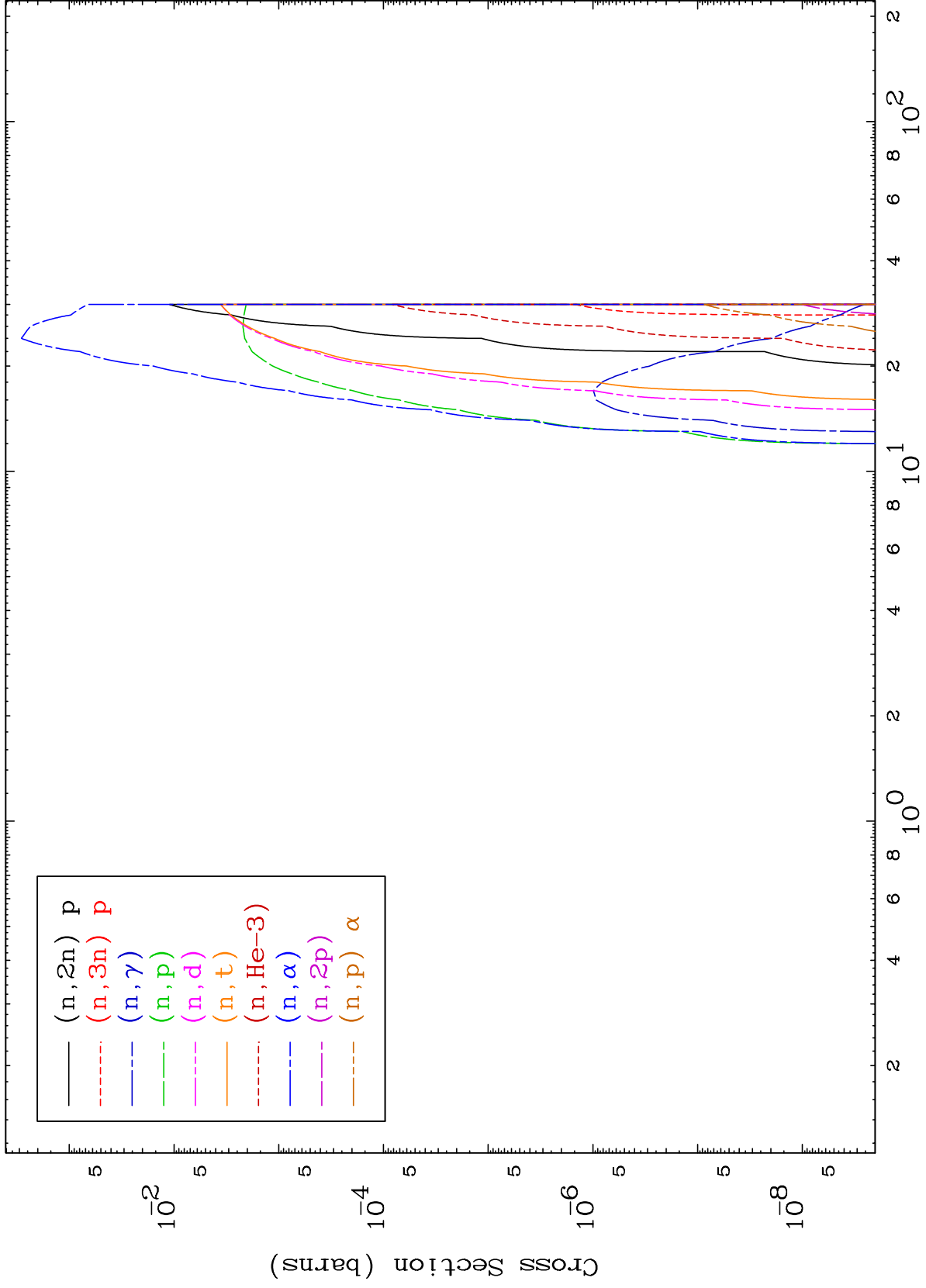
α Major

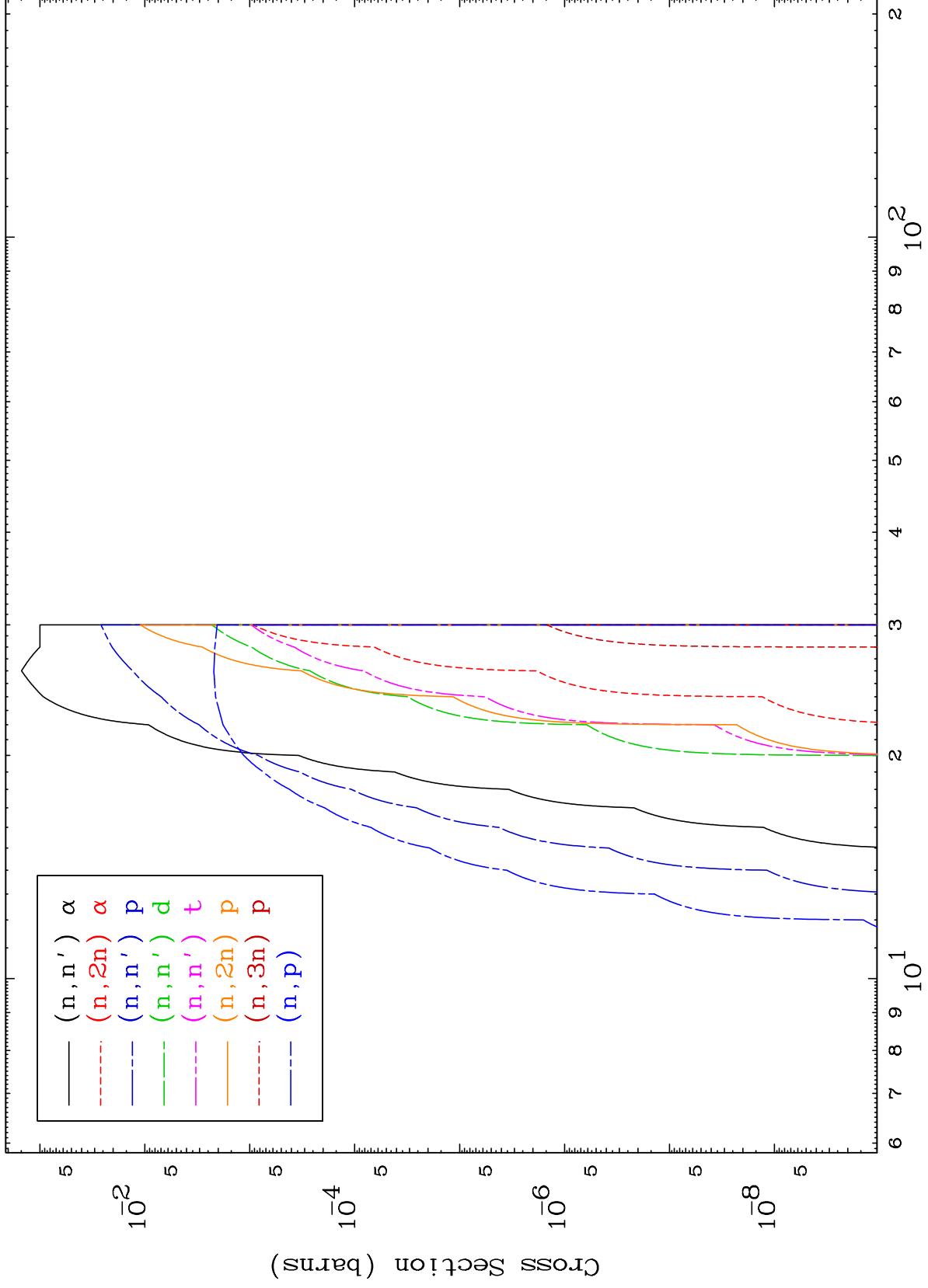
53-I -134m

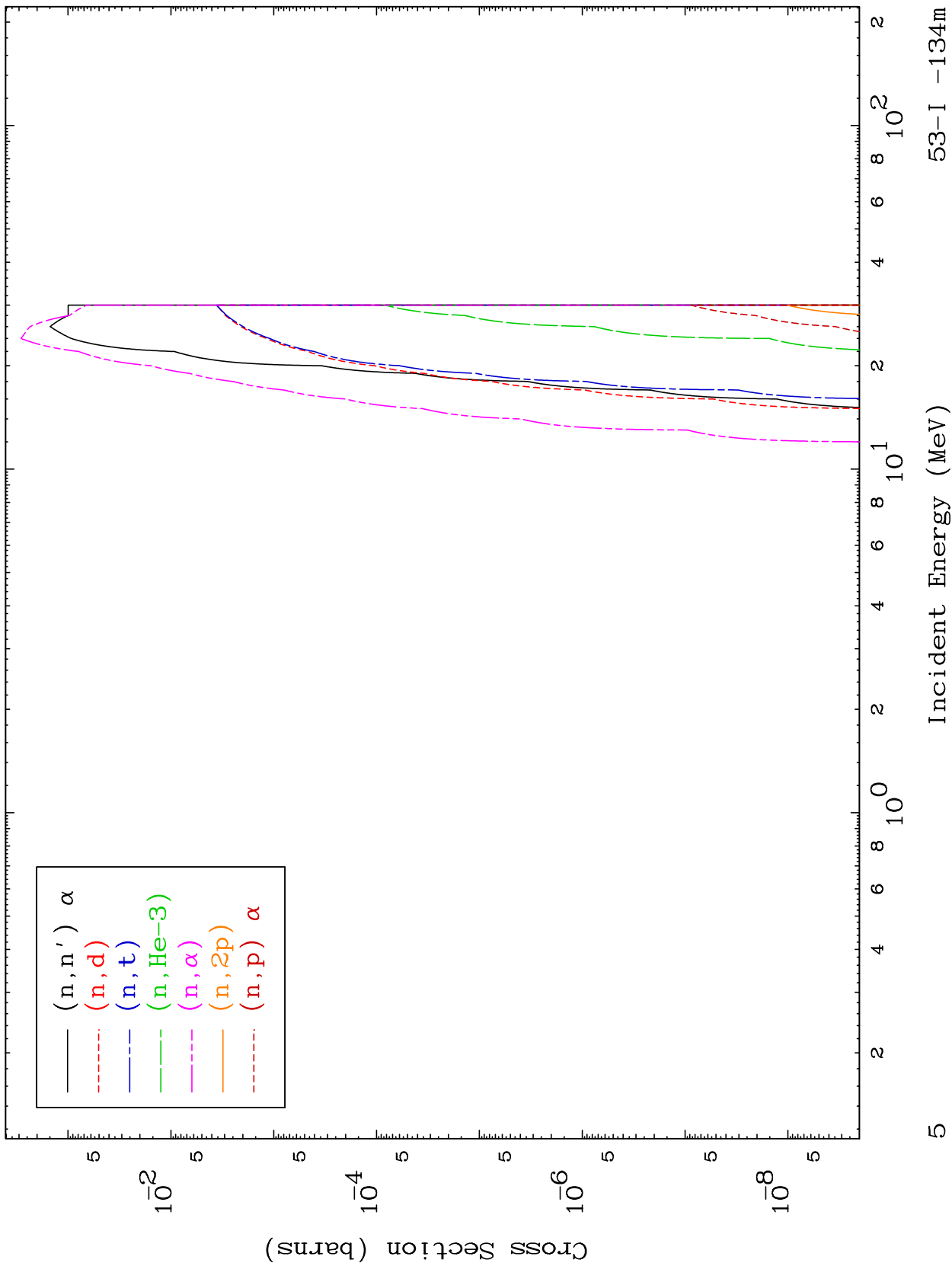
0 Kelvin Cross Sections









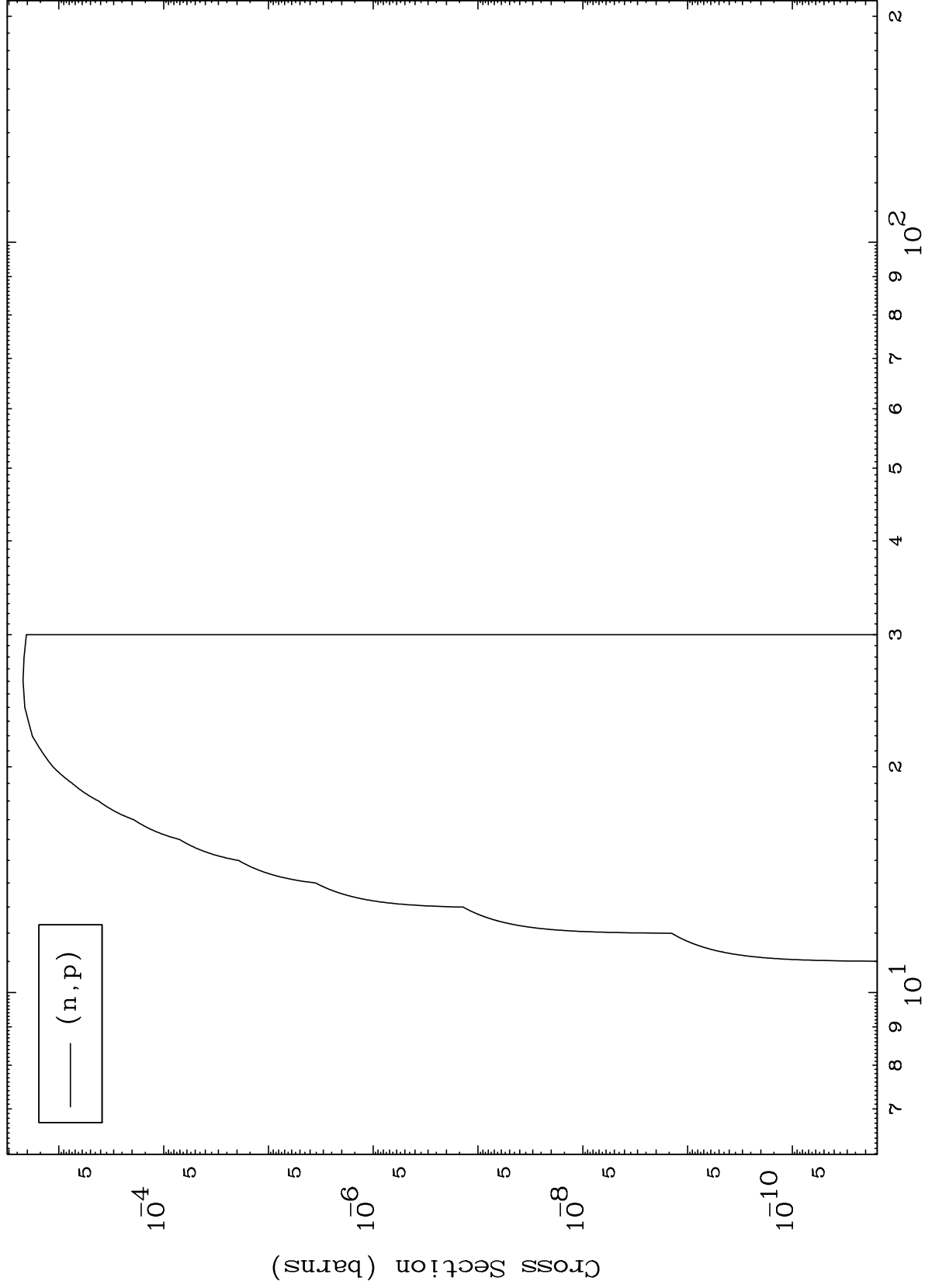


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(α, p) Levels

53-I -134m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

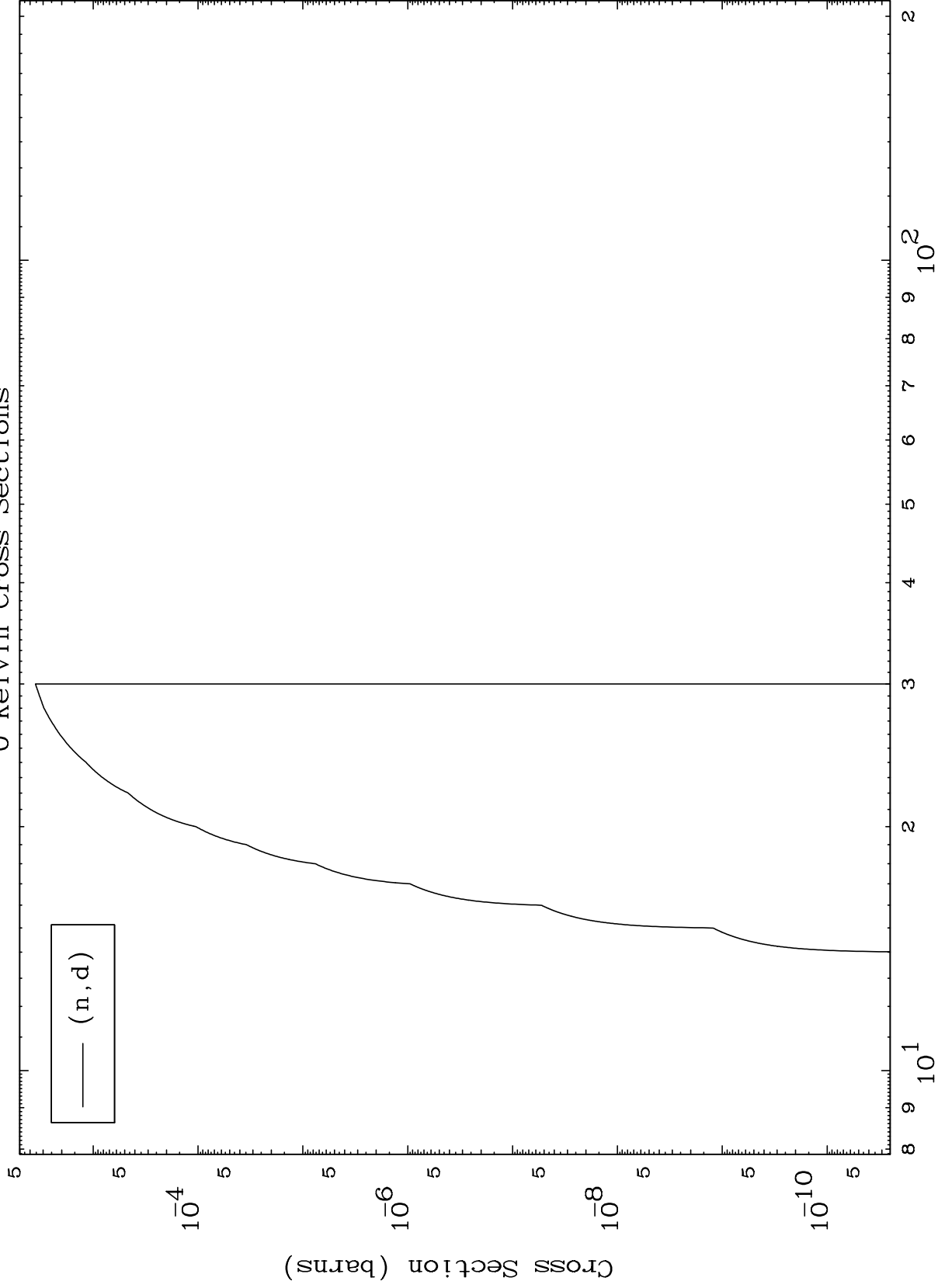
53-I -134m

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(α, d) Levels

53-I -134m

0 Kelvin Cross Sections



Incident Energy (MeV)

53-I -134m

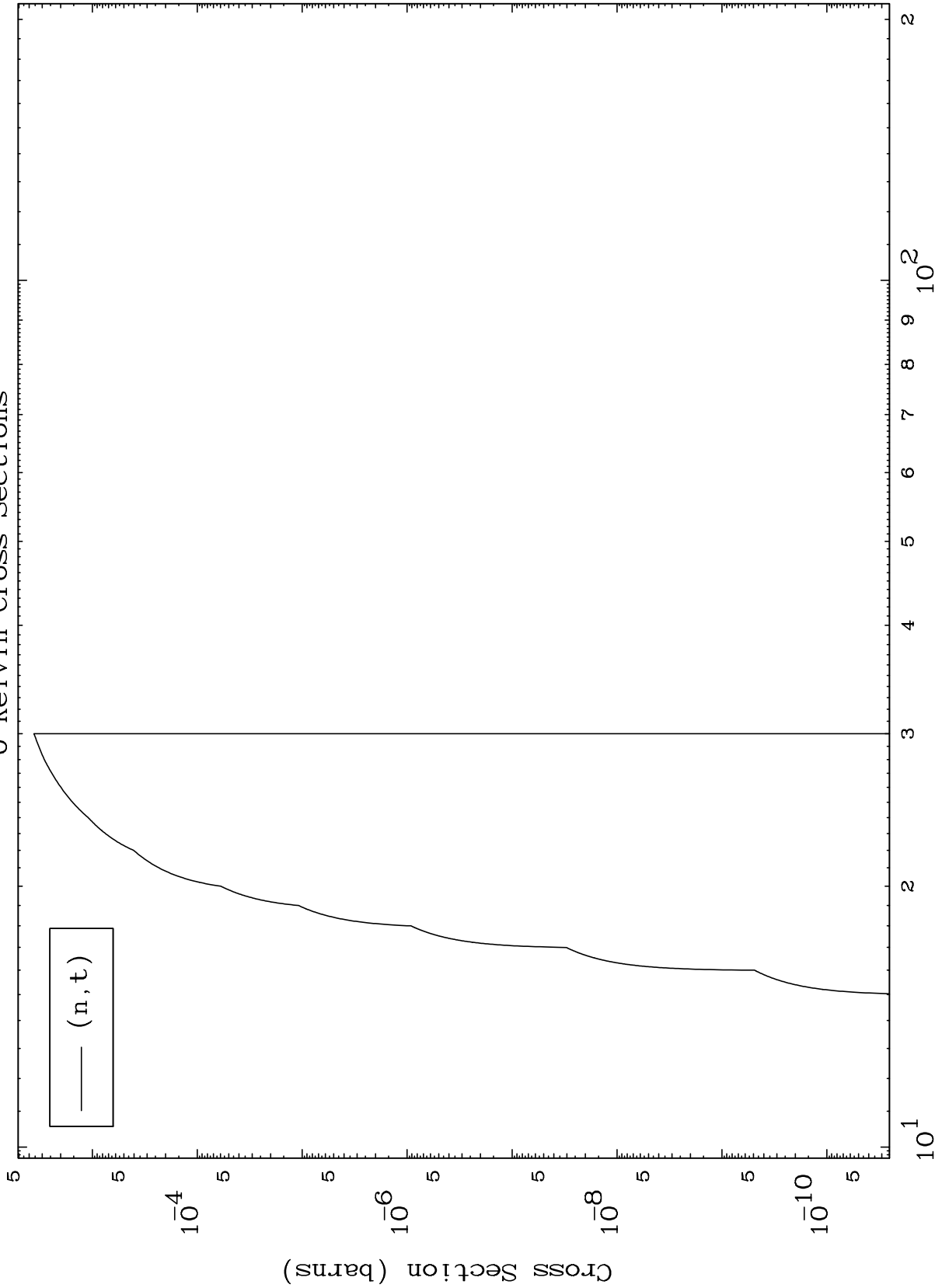
7

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(α, t) Levels

53-I -134m

0 Kelvin Cross Sections



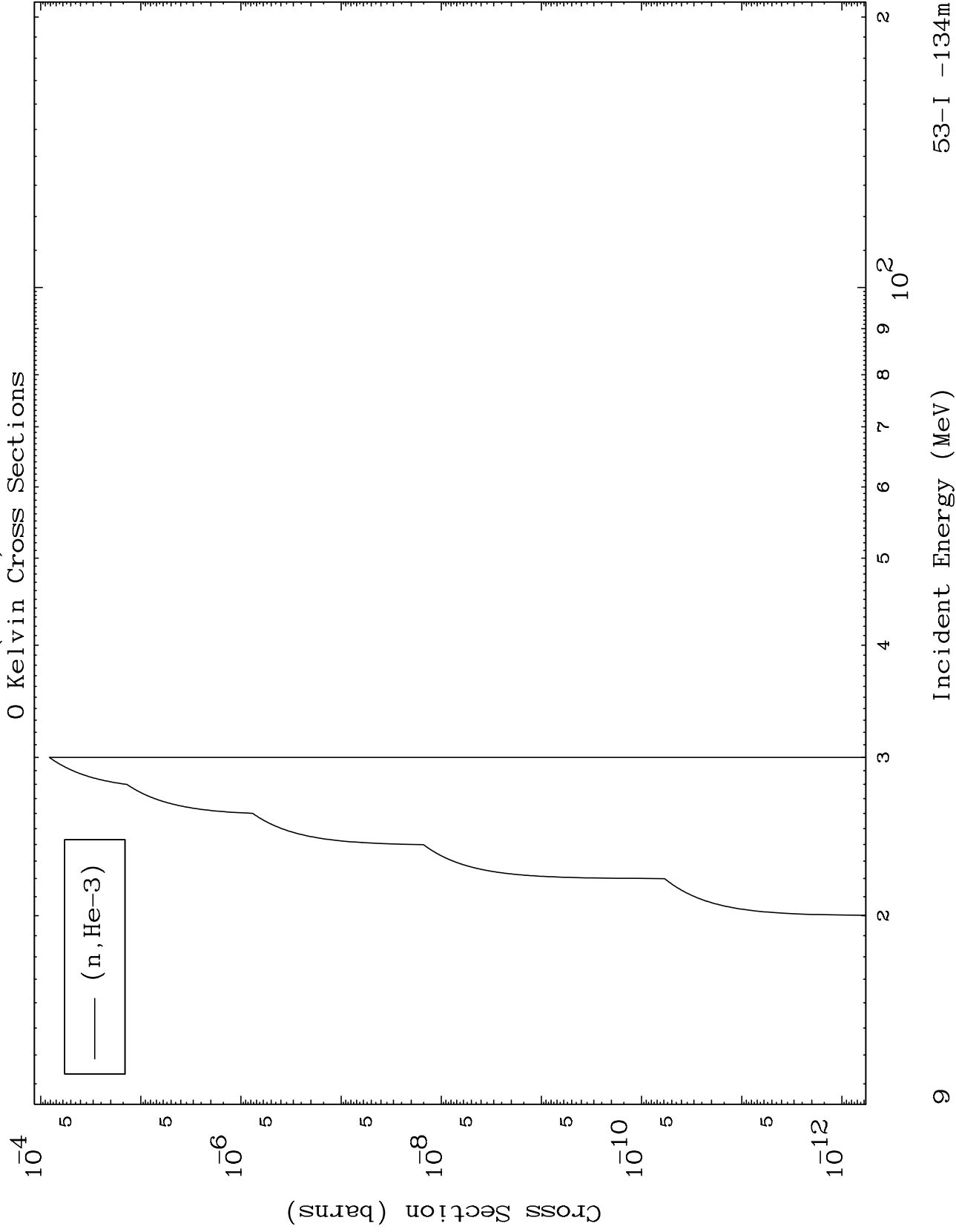
Incident Energy (MeV)

53-I -134m

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($\alpha, \text{He}3$) Levels

53-I -134m

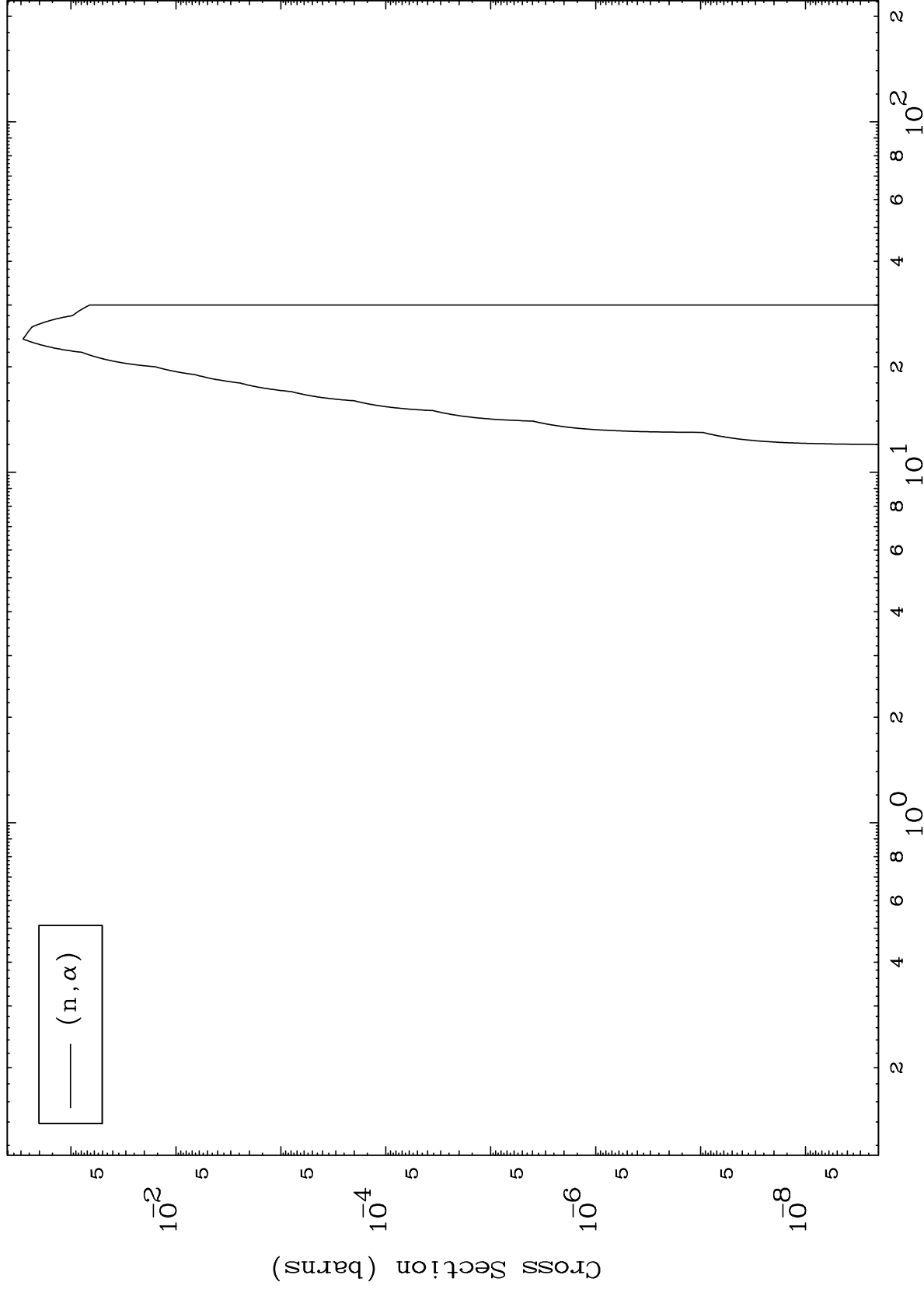


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(α, α) Levels

53-I -134m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

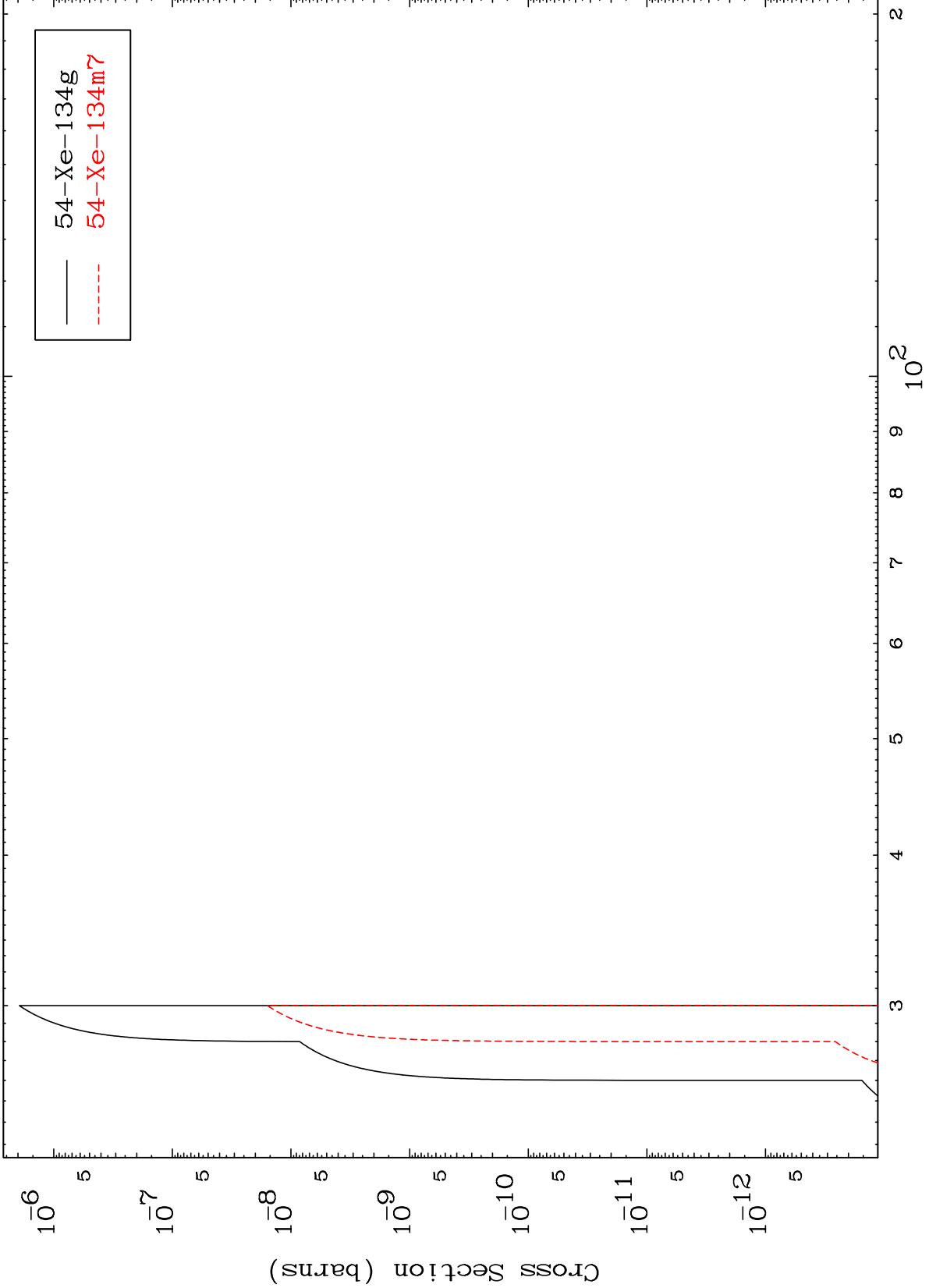
53-I -134m

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(n,2n) d

53-I -134m

Radionuclide Production Cross Section



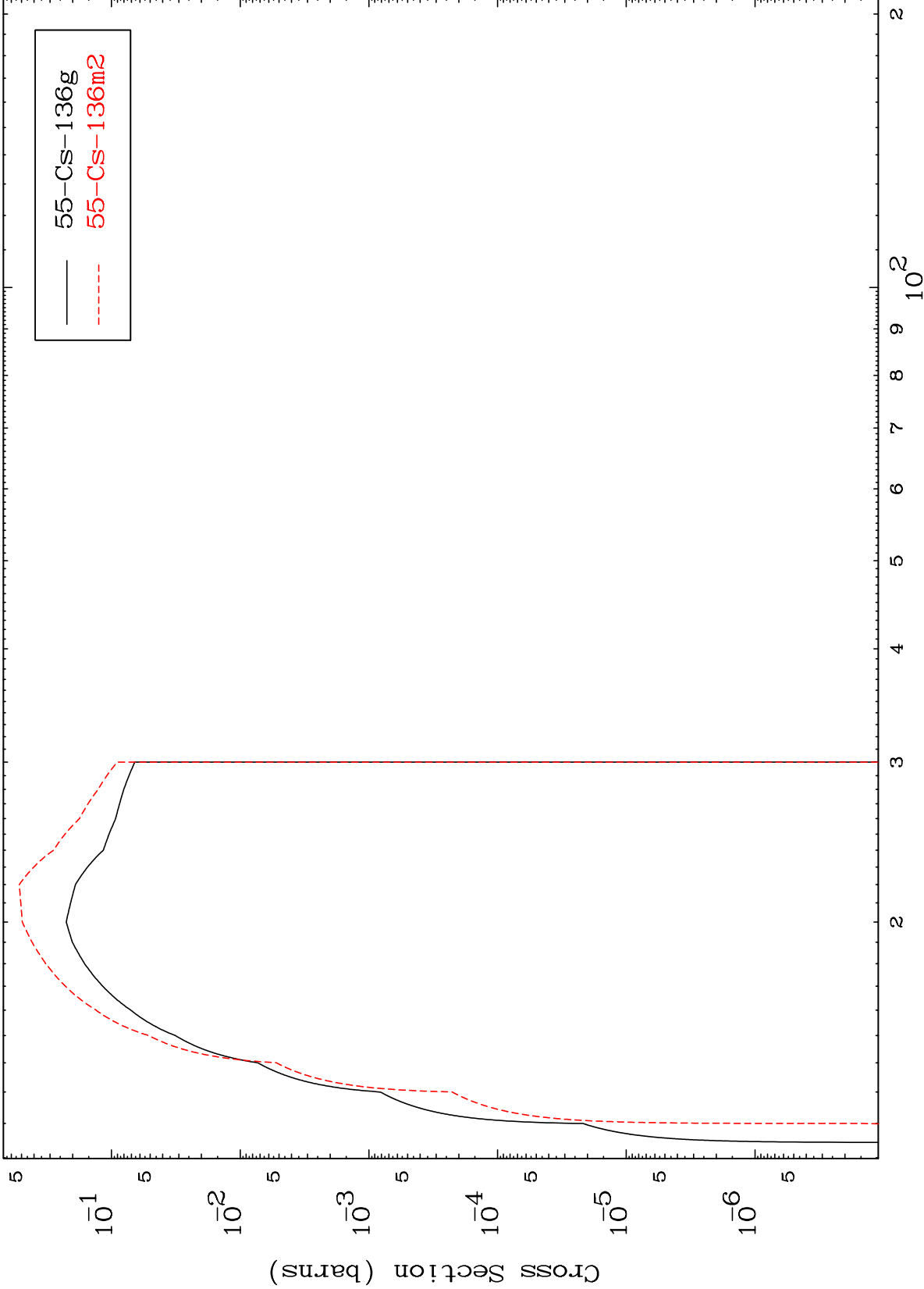
54-Xe-134g
54-Xe-134m7

MAT 5347

(n,2n)

53-I -134m

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m2

12

Incident Energy (MeV)

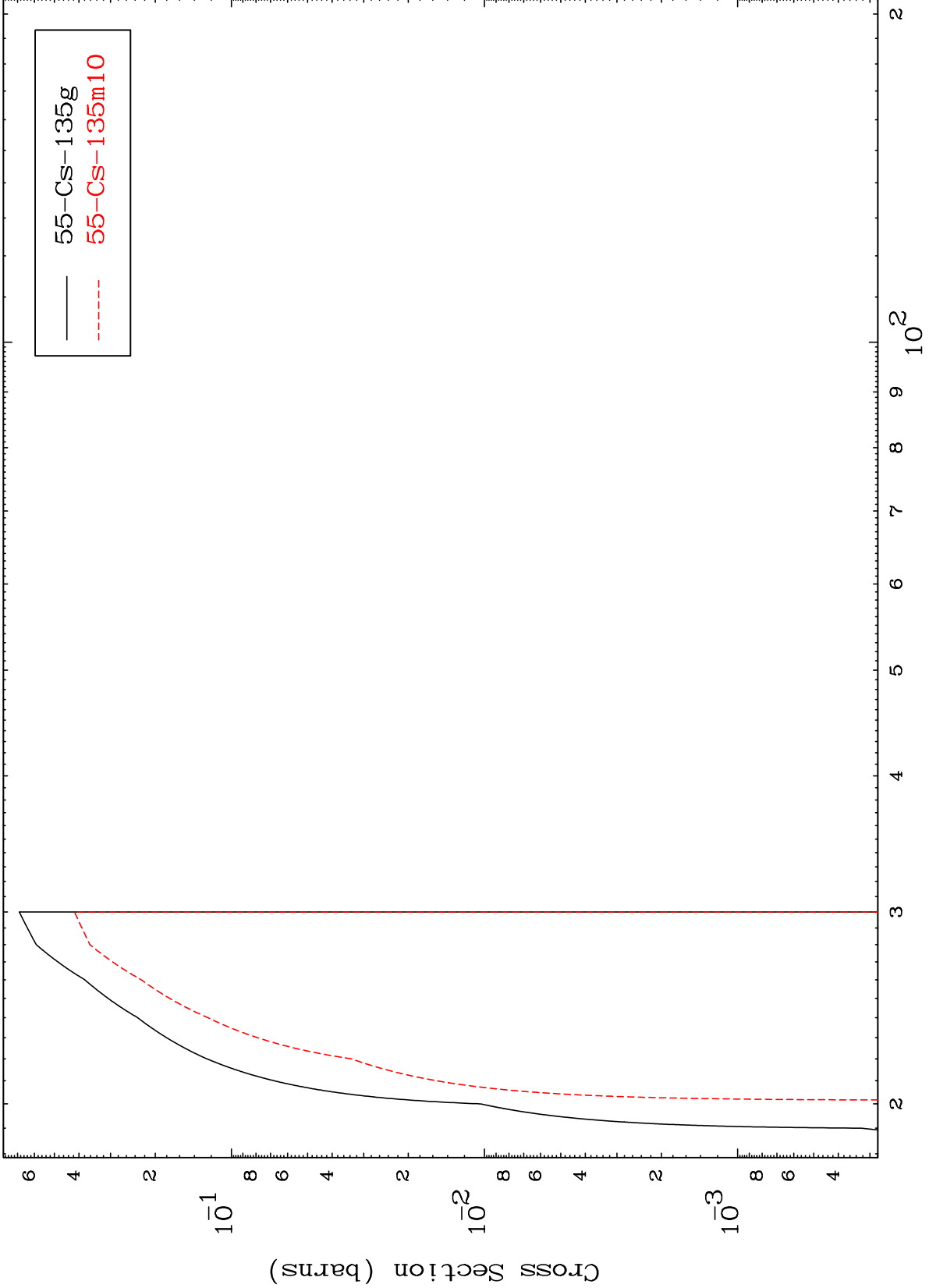
53-I -134m

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(n,3n)

53-I -134m

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

13

Incident Energy (MeV)

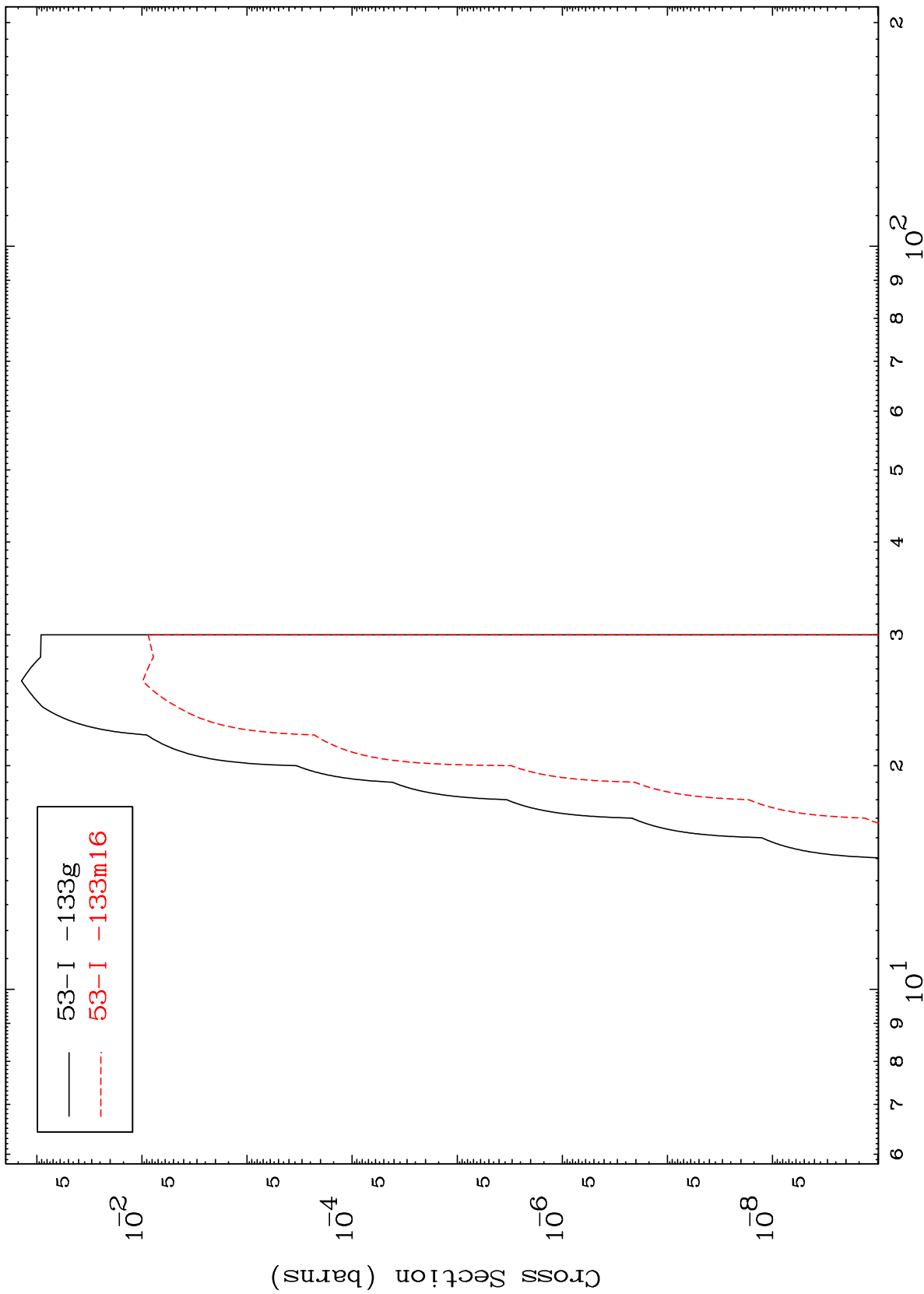
53-I -134m

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(n,n') α

53-I -134m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

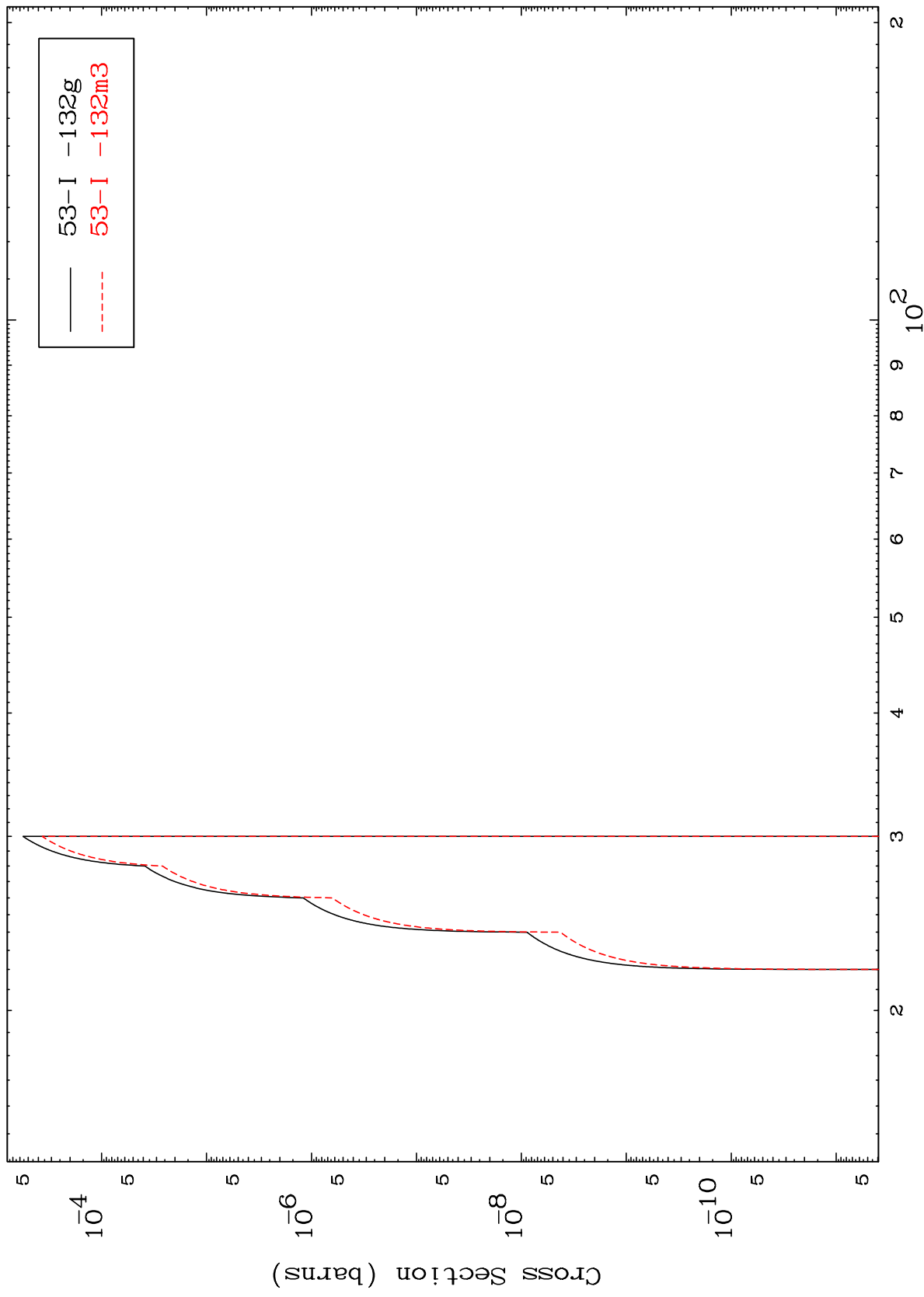
53-I -134m

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(n,2n) α

53-I -134m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

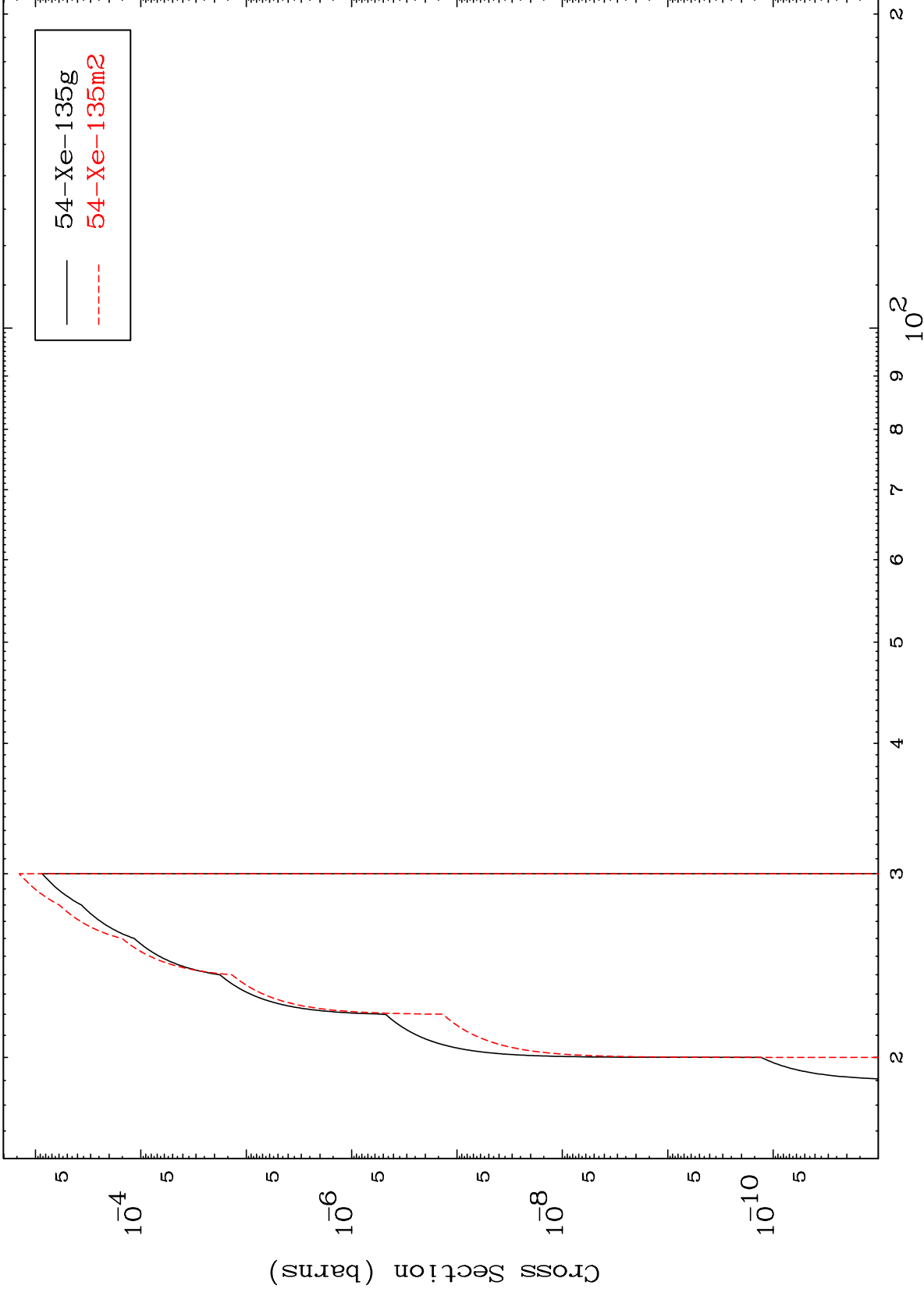
53-I -134m

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(n,n') d

53-I -134m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

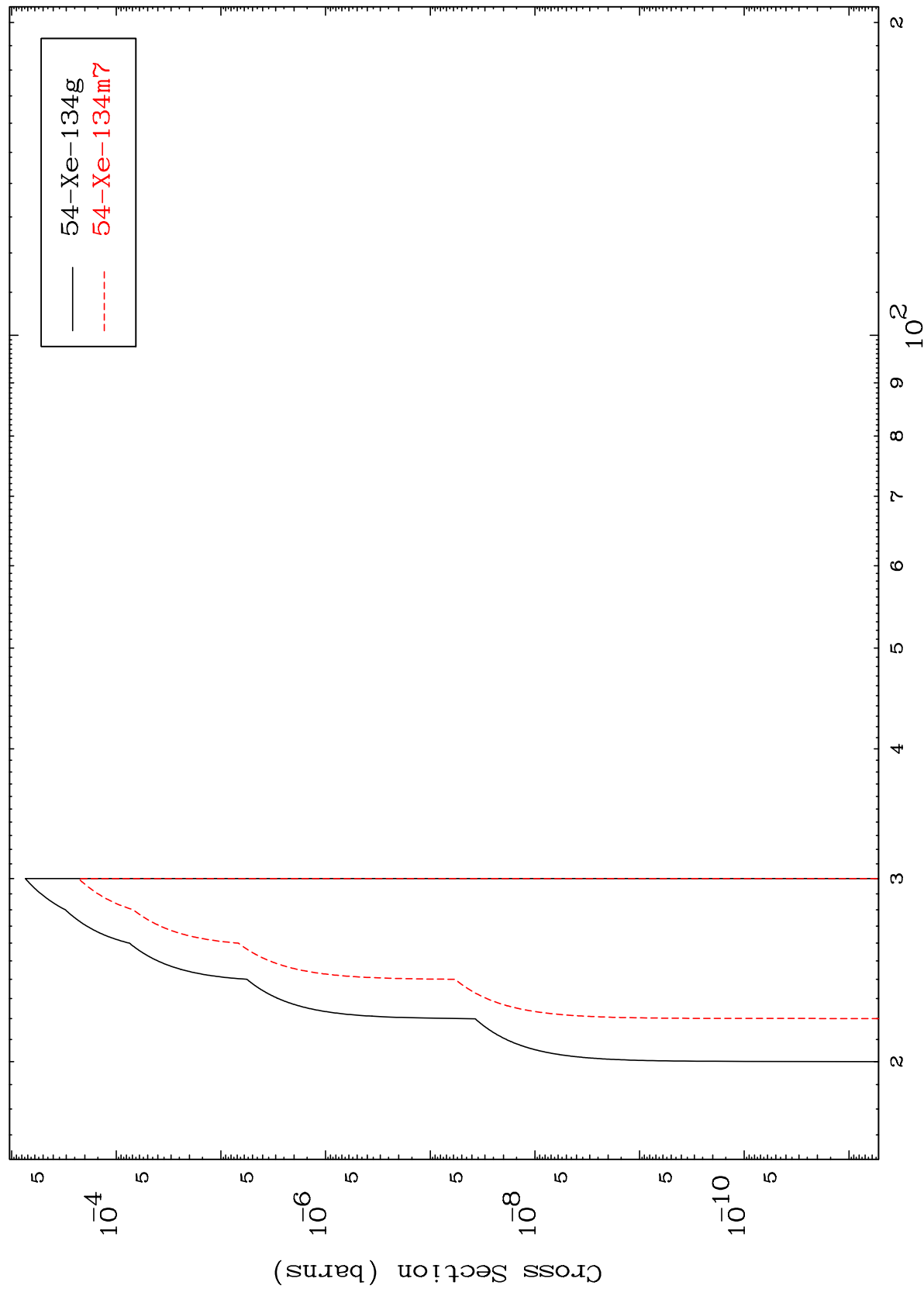
53-I -134m

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(n,n') t

53-I -134m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

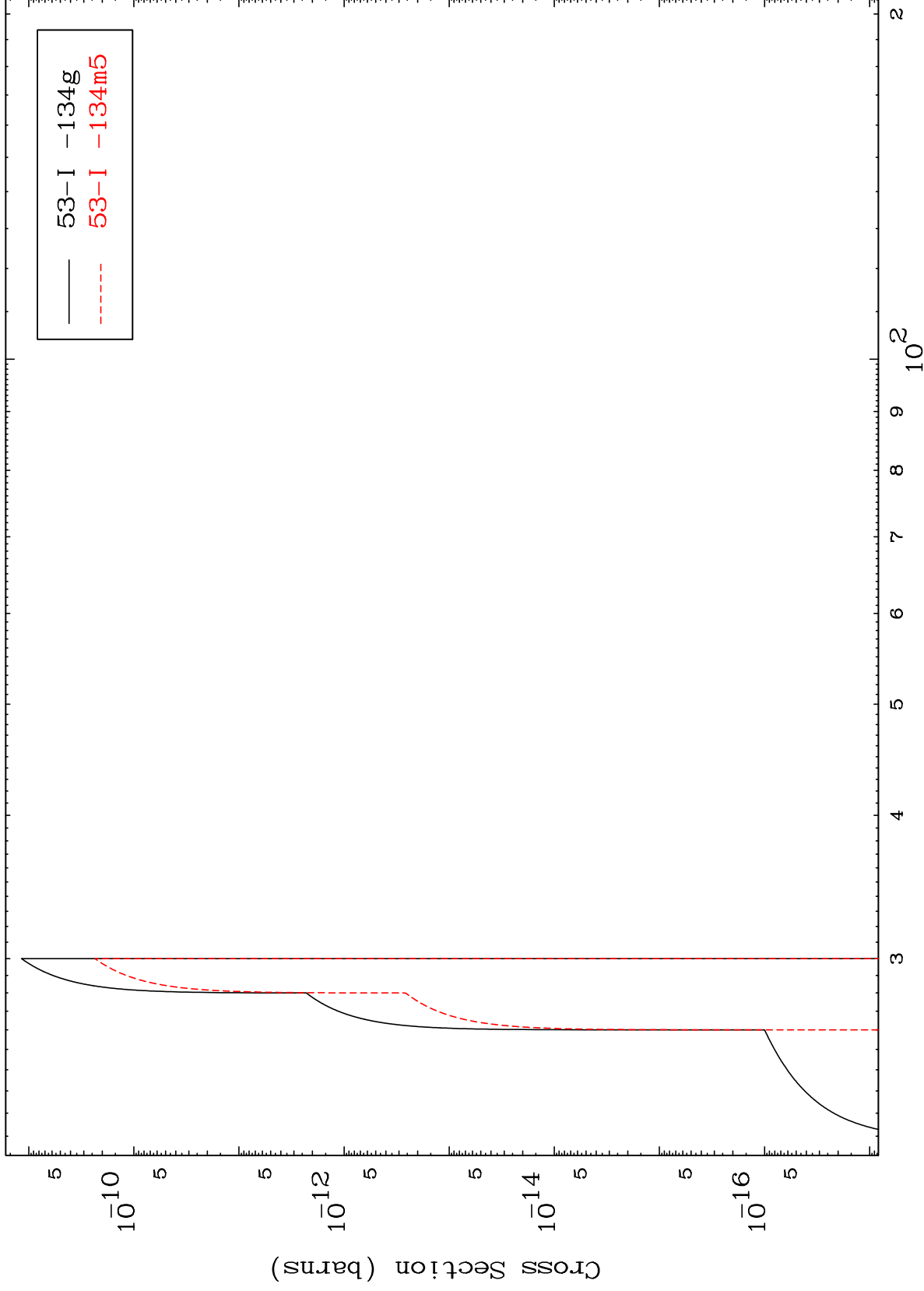
53-I -134m

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(n,n') He-3

53-I -134m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

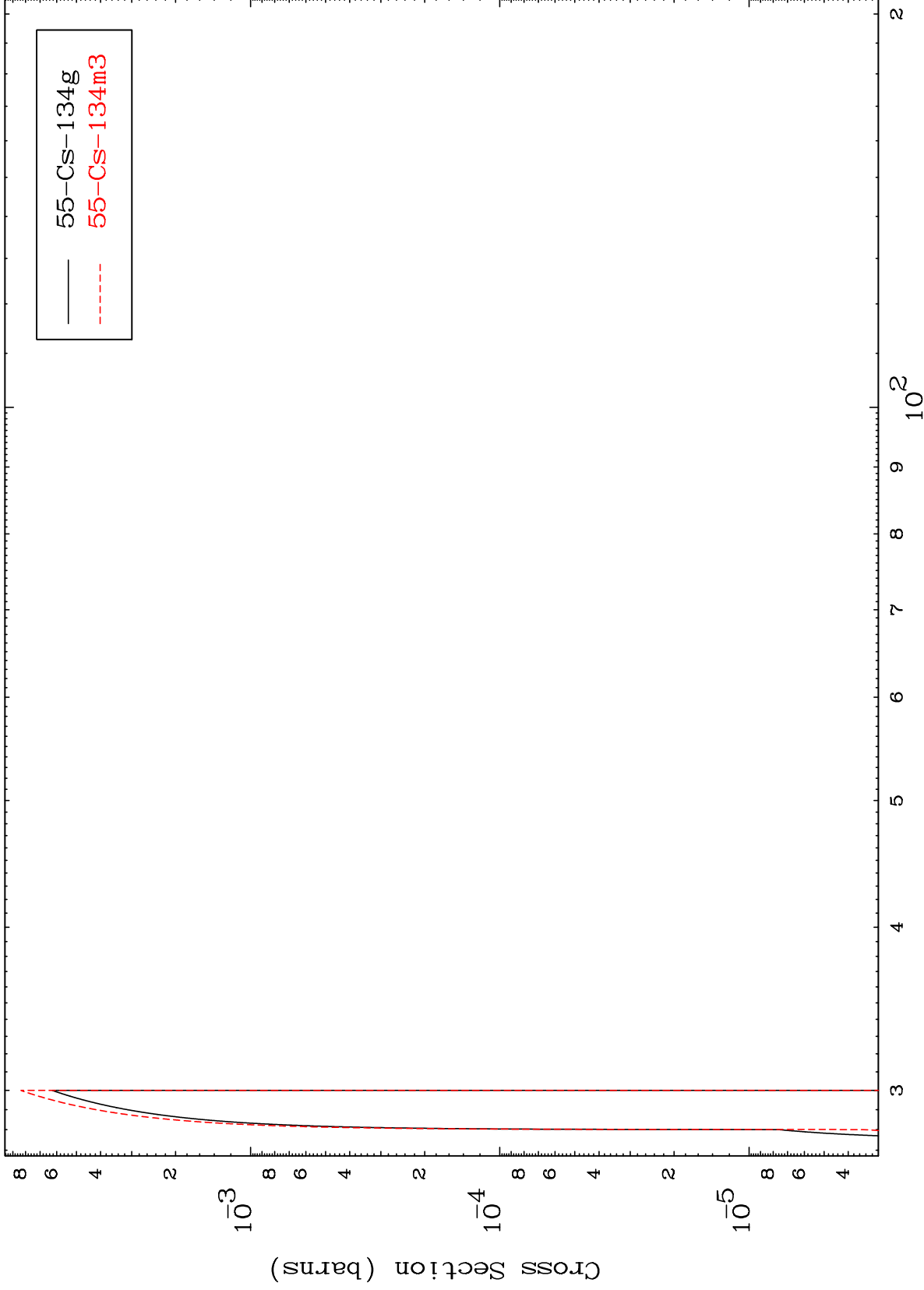
53-I -134m

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(n,4n)

53-I -134m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

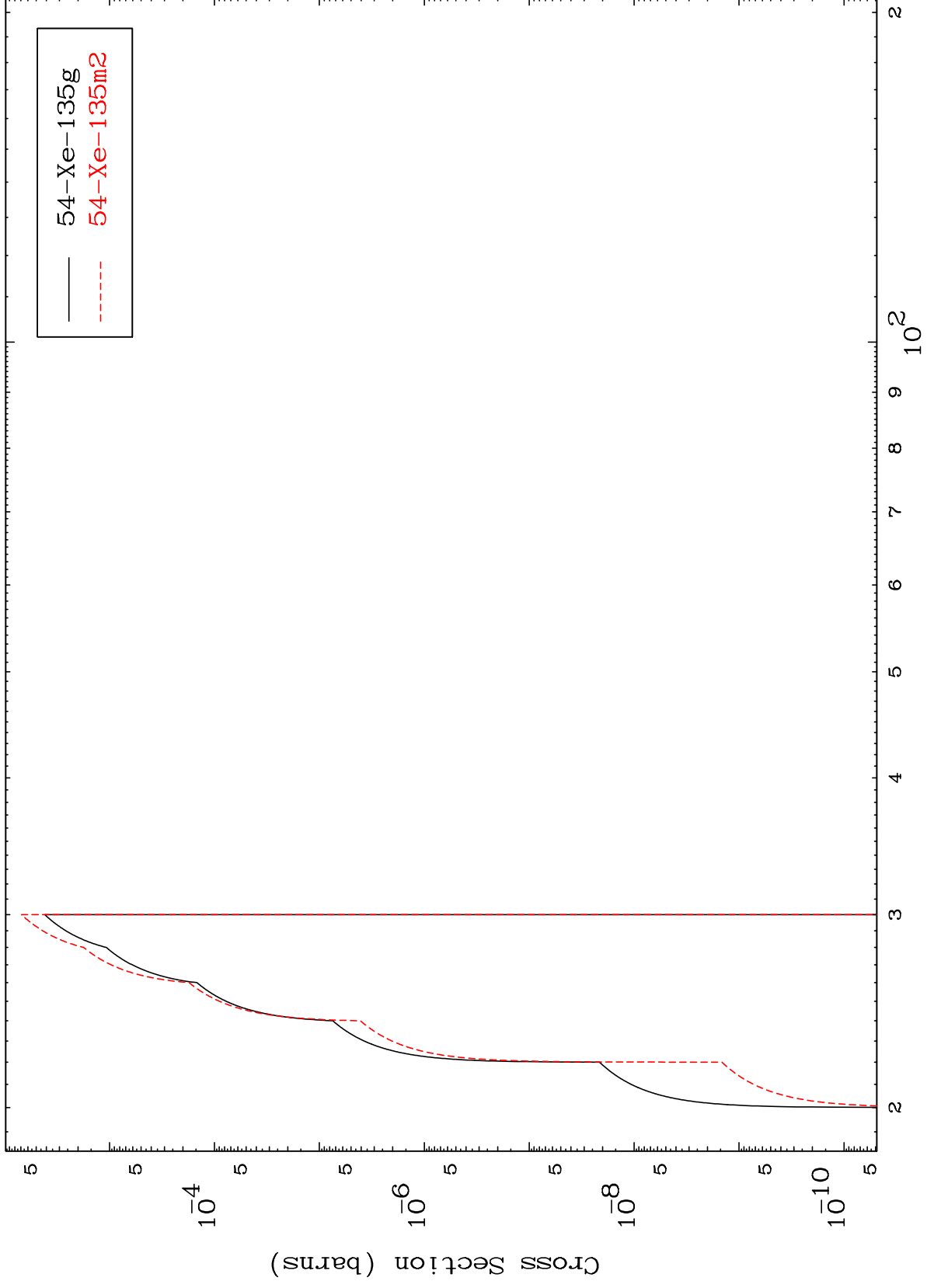
53-I -134m

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(n,2n) p

53-I -134m

Radionuclide Production Cross Section

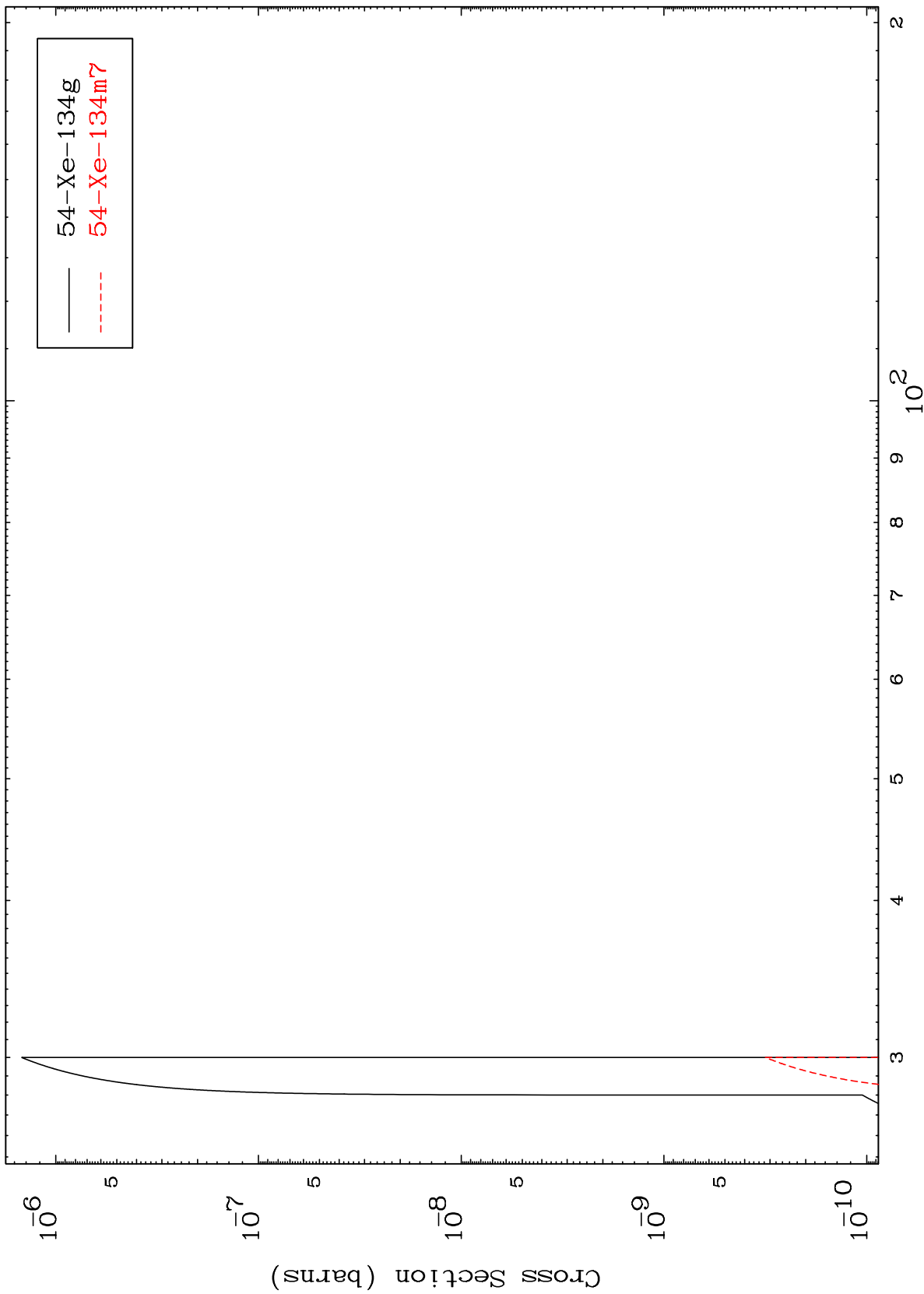


20

Incident Energy (MeV)

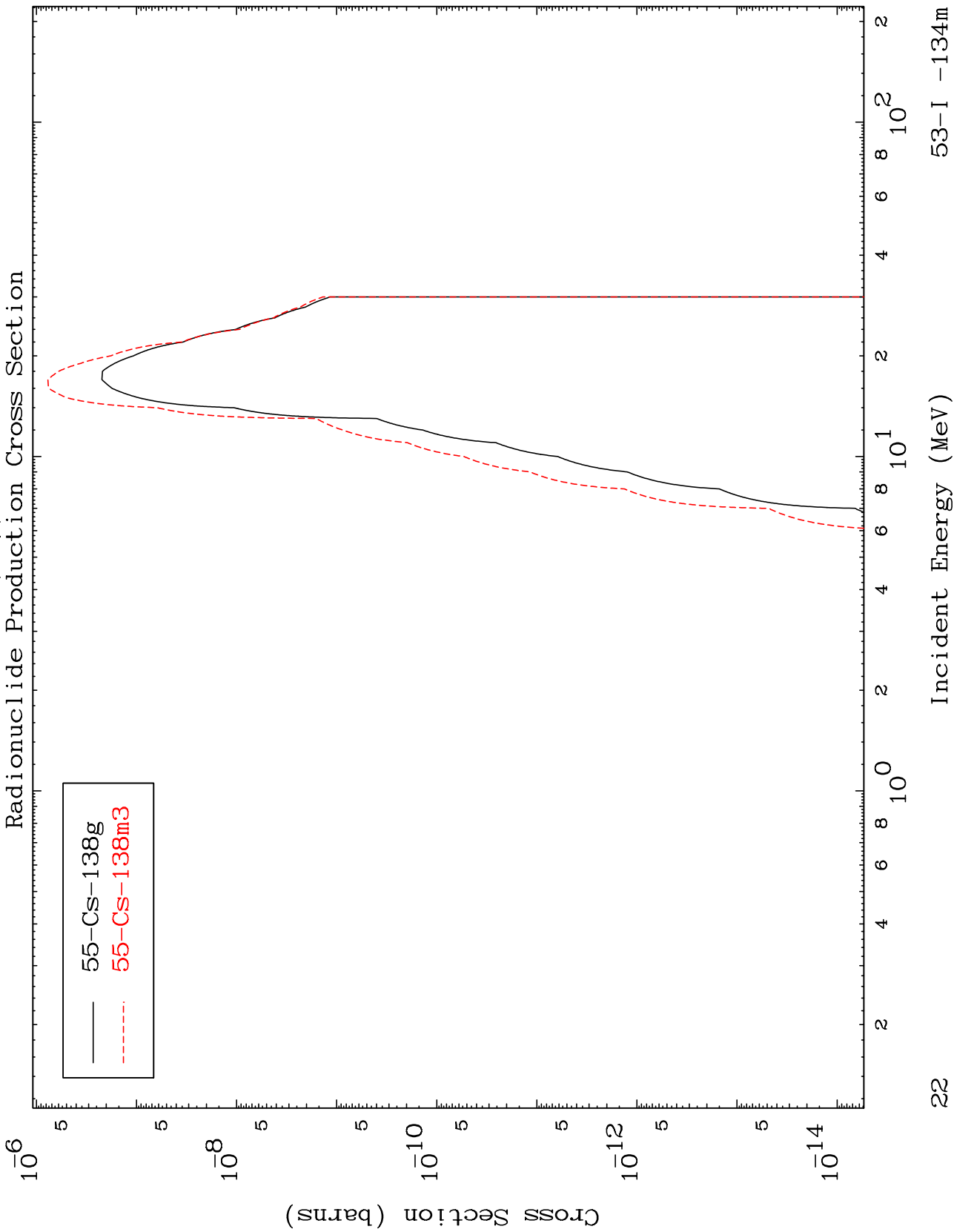
53-I -134m

Radionuclide Production Cross Section



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53-I -134m

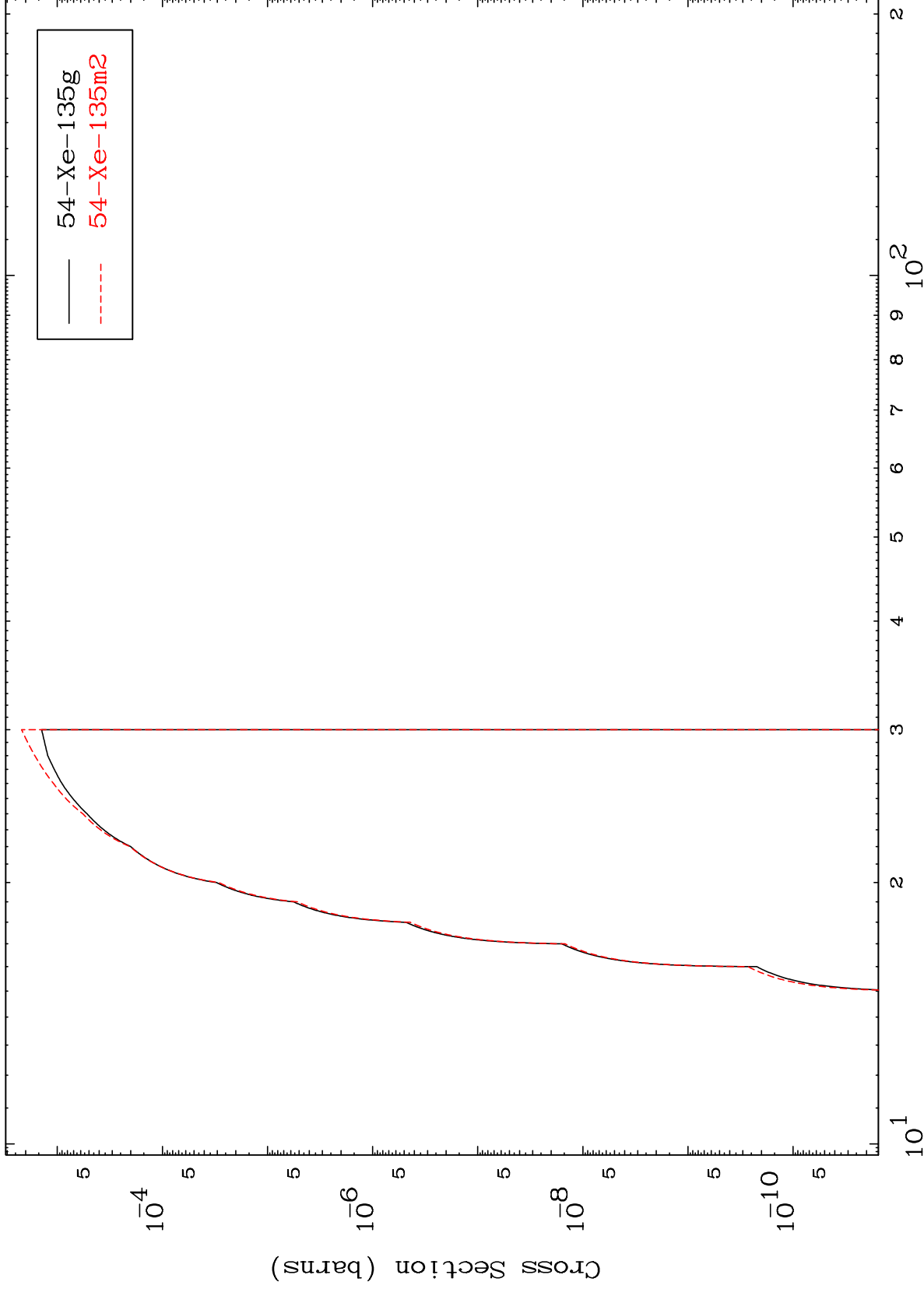


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(n,t)

53-I -134m

Radionuclide Production Cross Section



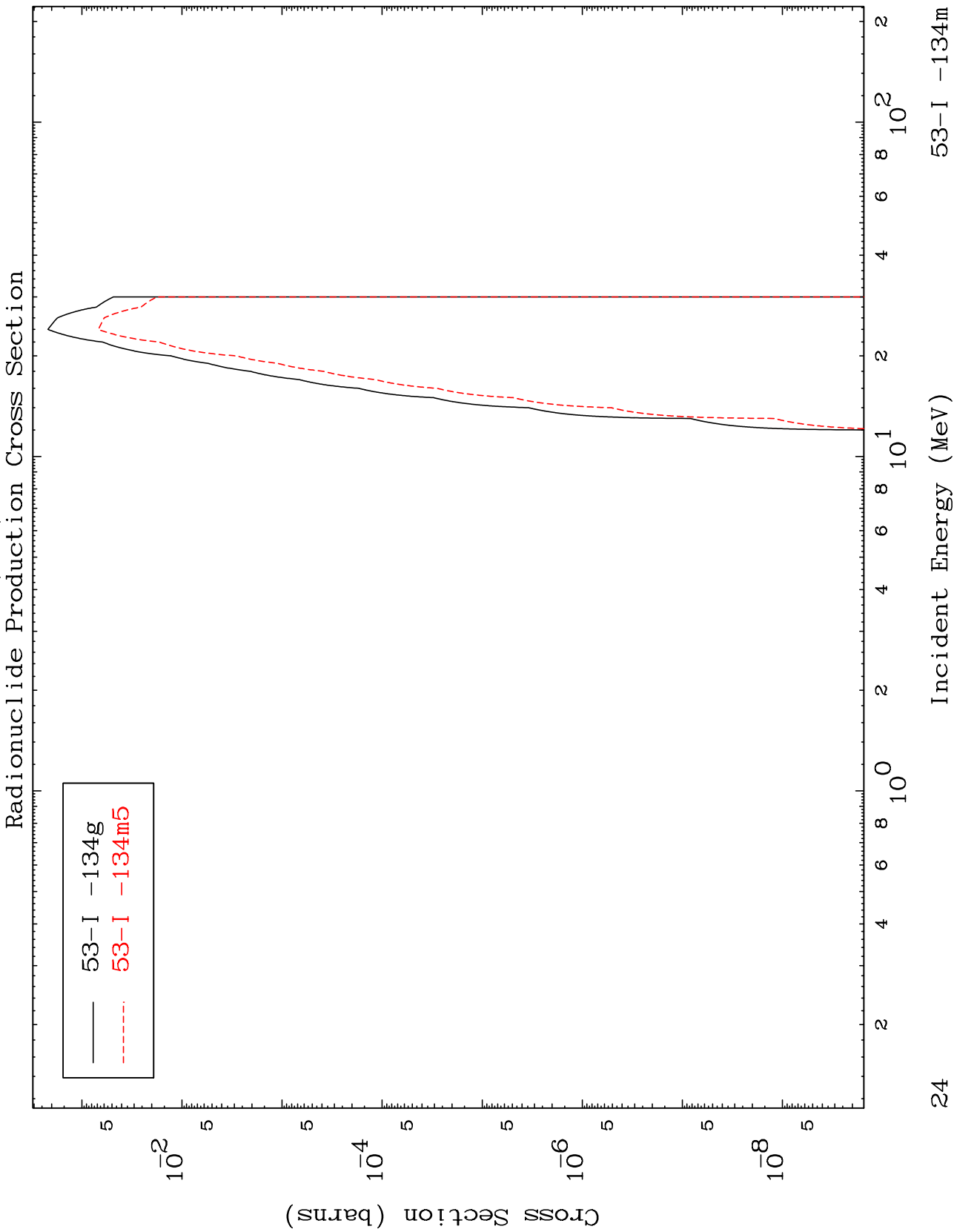
Incident Energy (MeV)

53-I -134m

23

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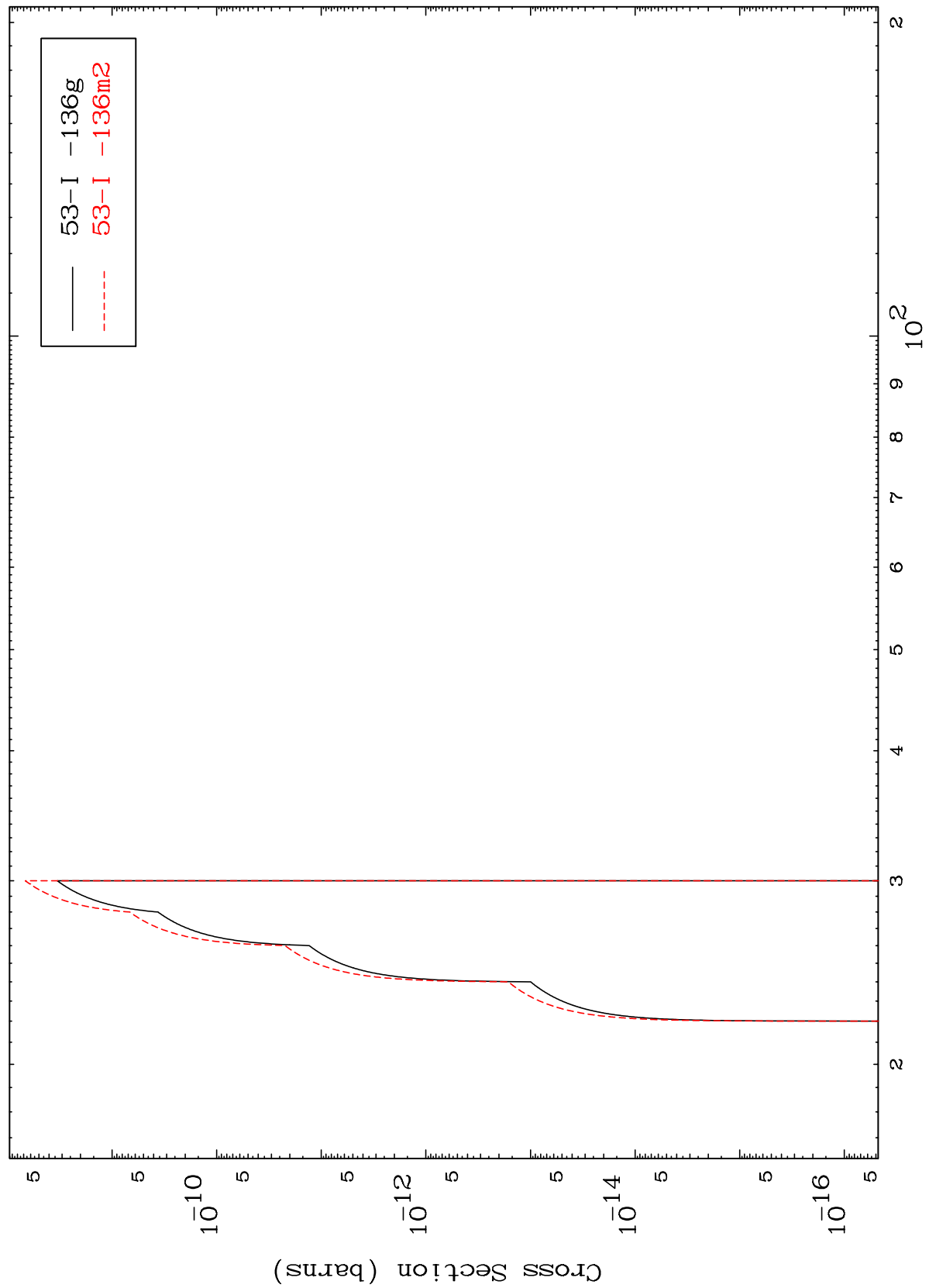
53-I -134m



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53-I -134m

(n,2p)
Radionuclide Production Cross Section



25

53-I -134m

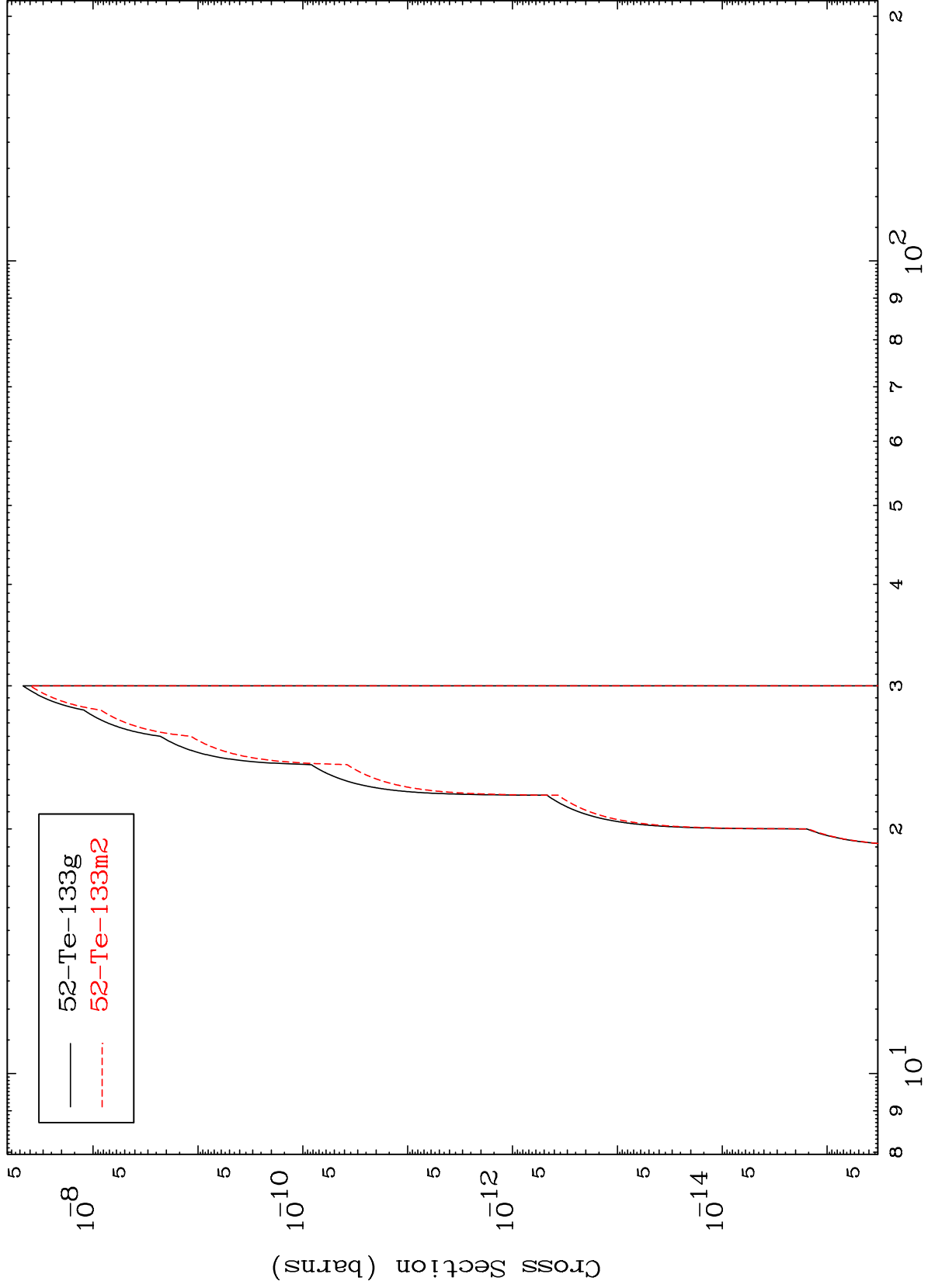
Incident Energy (MeV)

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(n,p) α

53-I -134m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

53-I -134m