

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

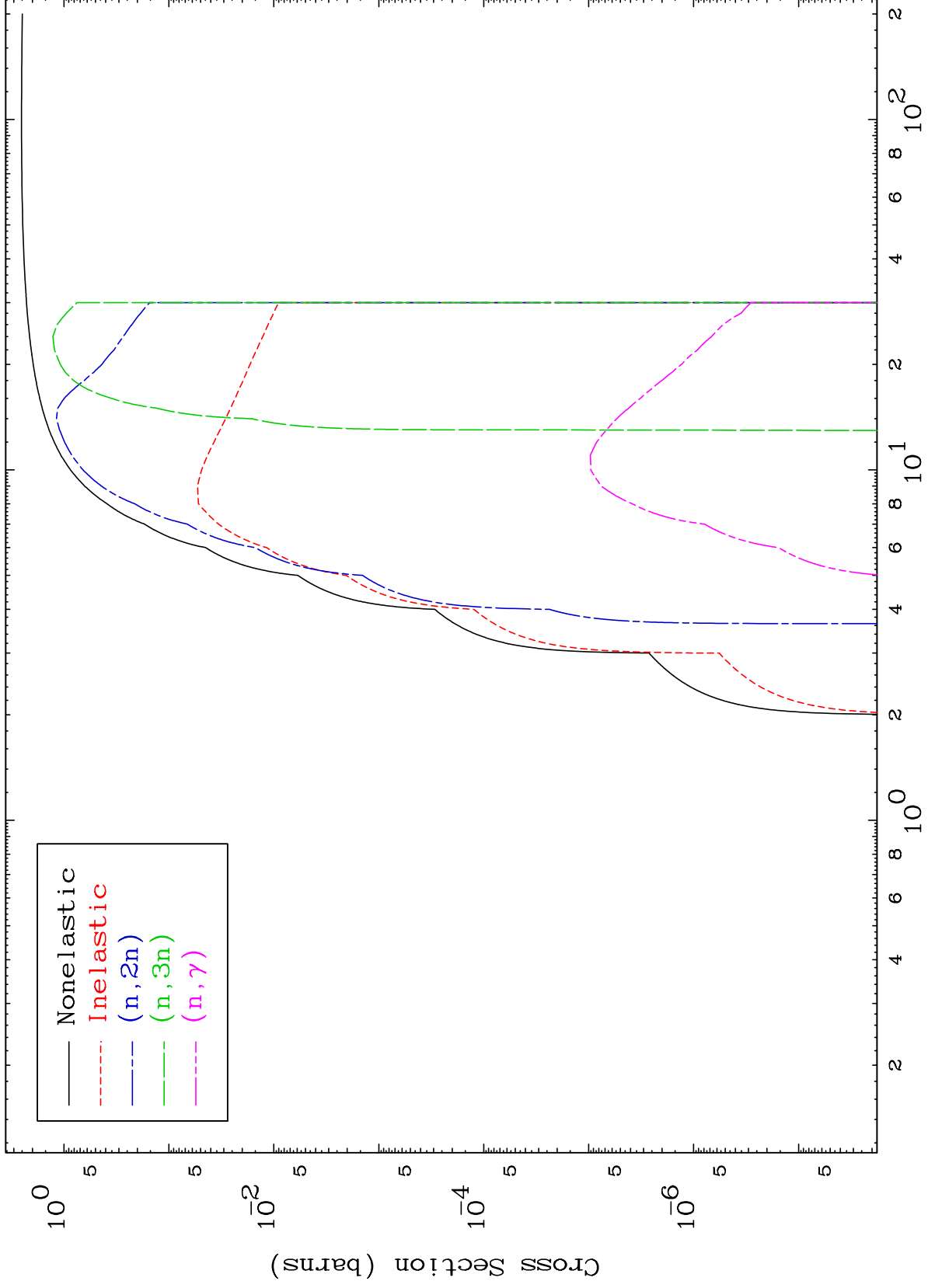
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Web:redcullen1.net/HOMEPAGE.NEW

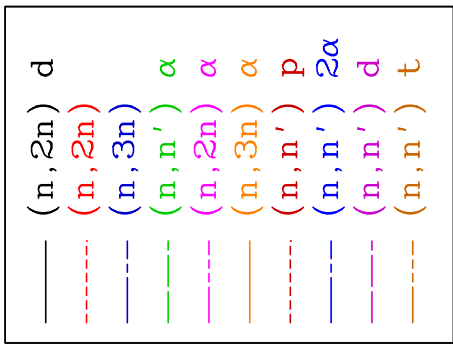
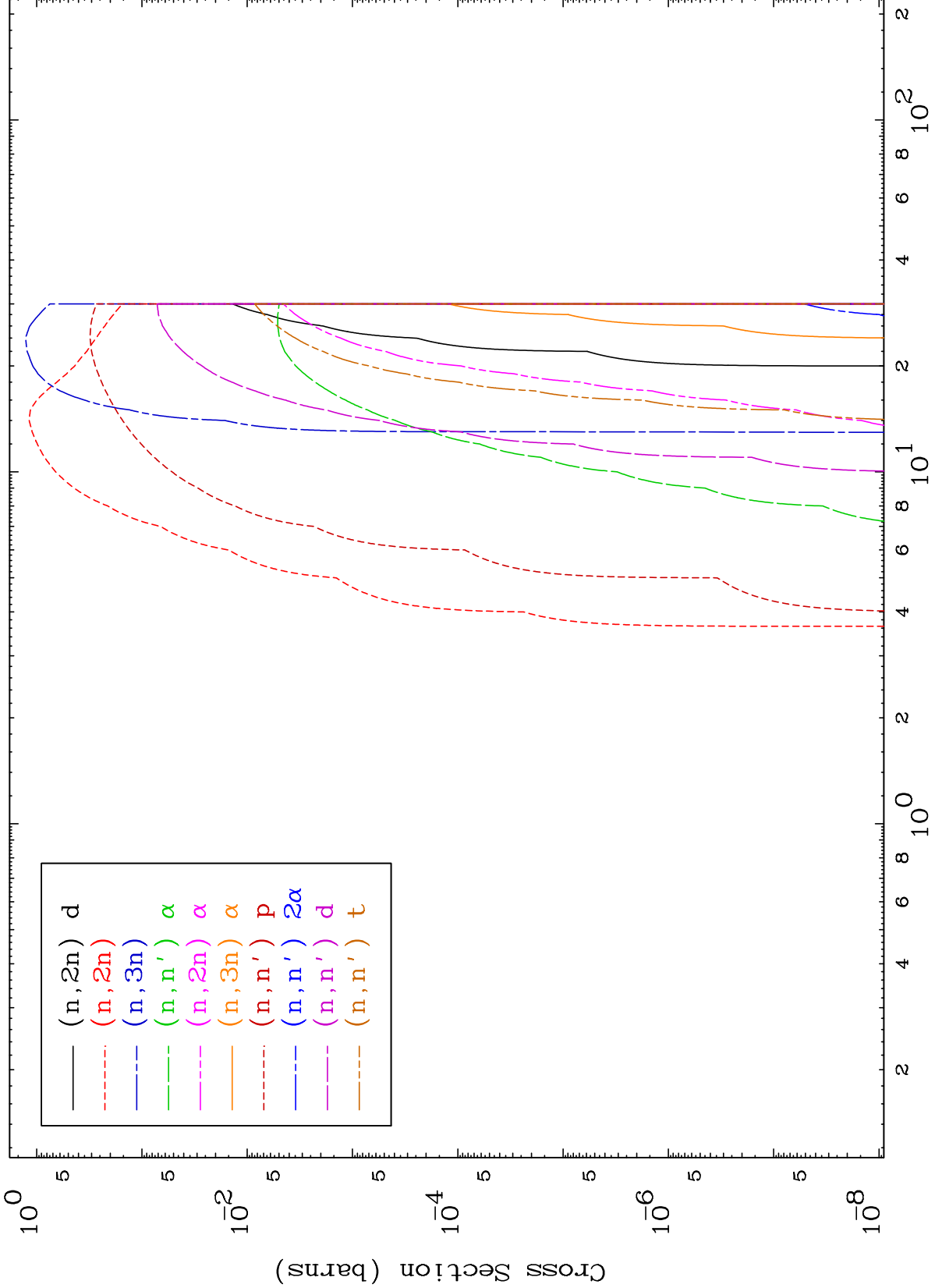
Press Mouse Button to Start



MAT 5646

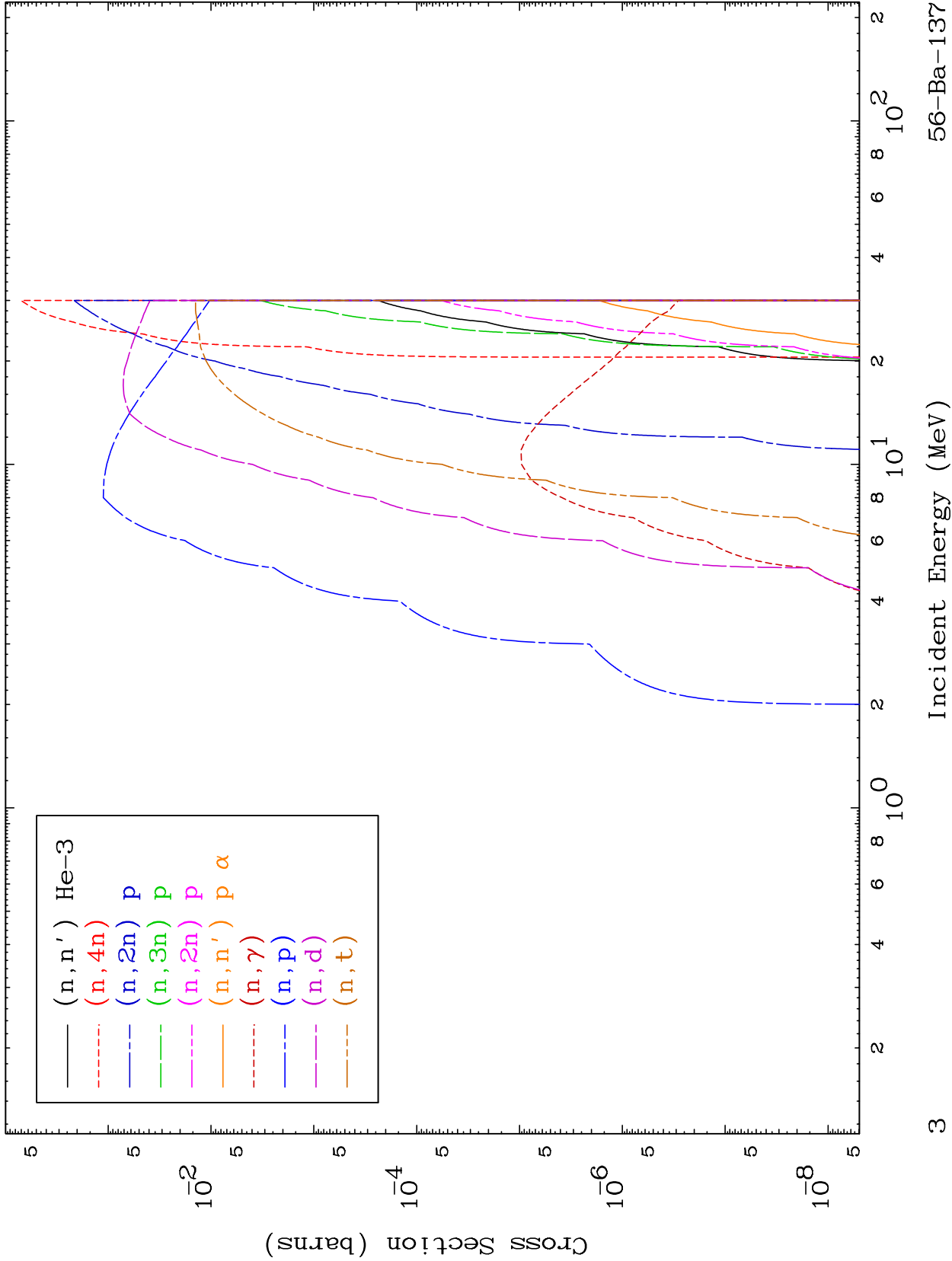
Deuteron Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137



56-Ba-137

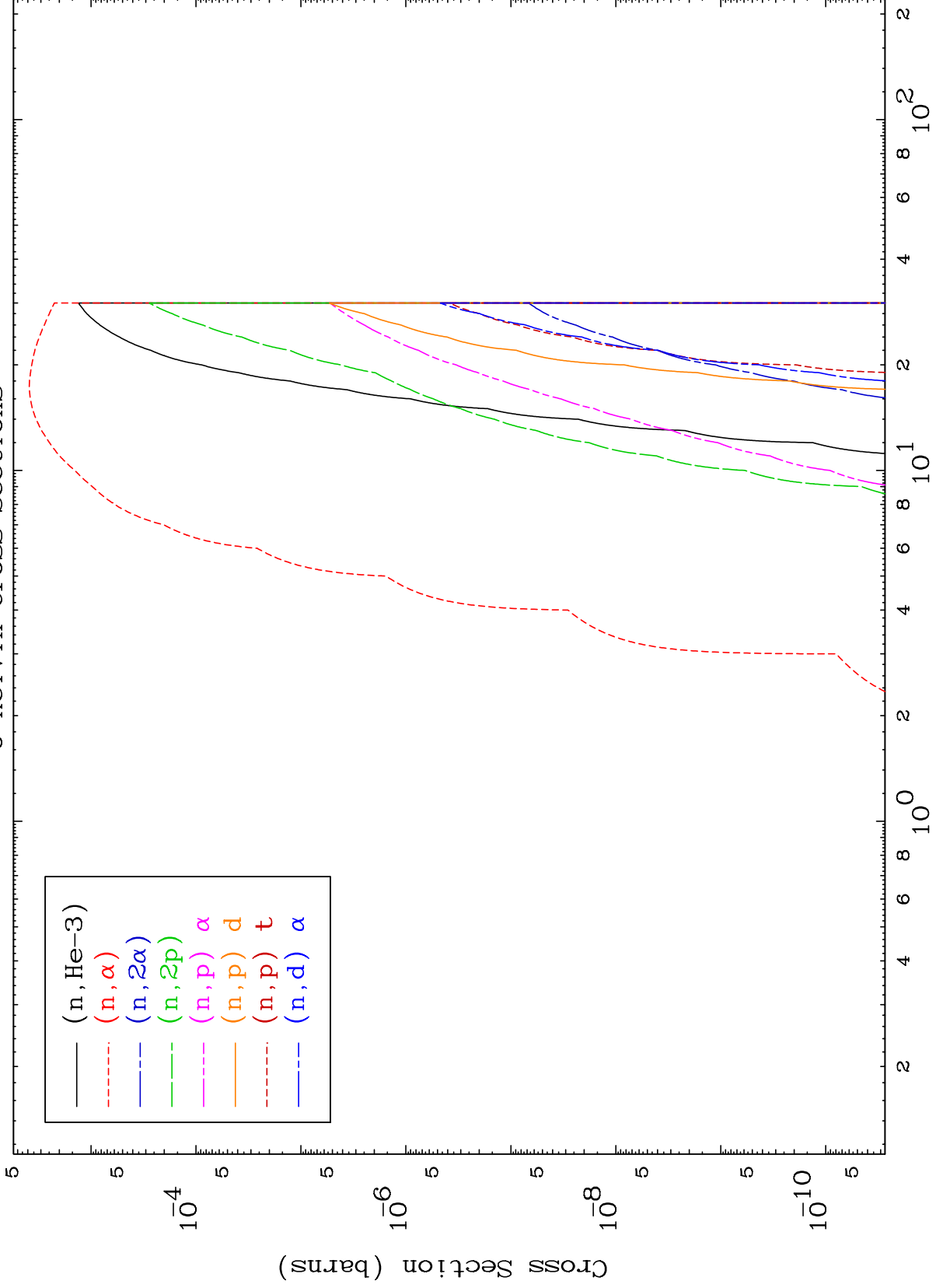
Incident Energy (MeV)

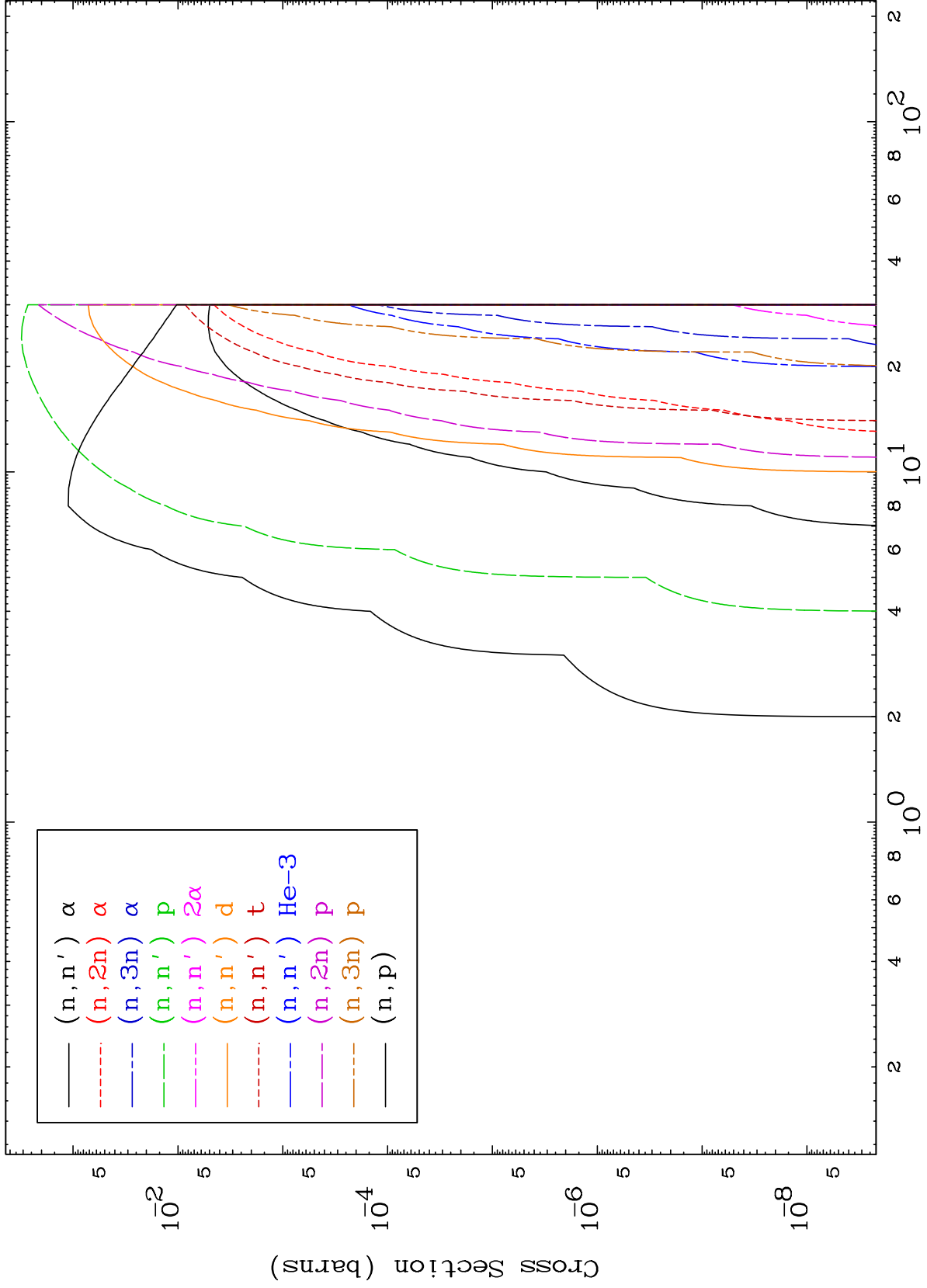


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Deuteron Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137

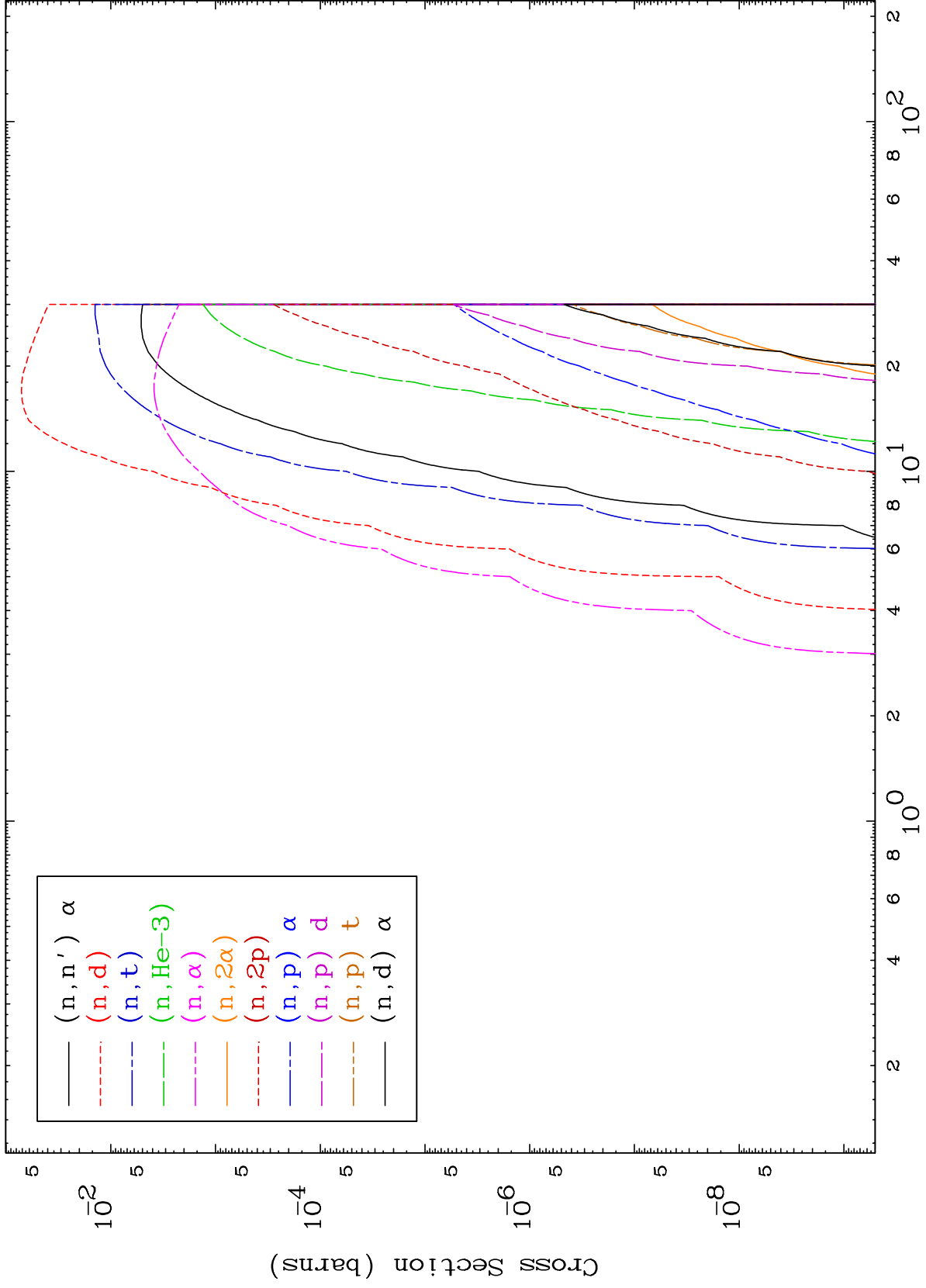




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Deuteron Charged Particle
0 Kelvin Cross Sections

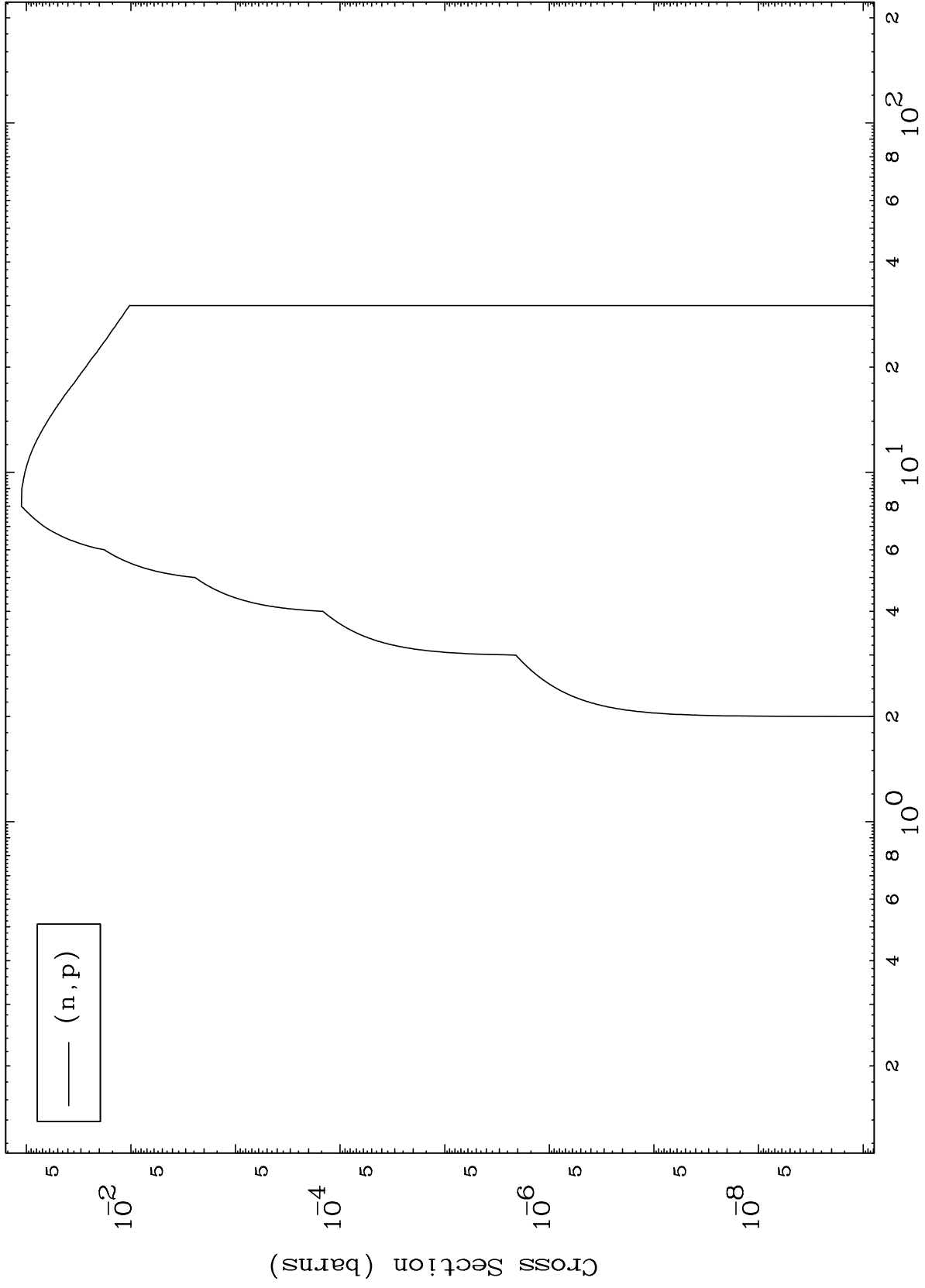
56-Ba-137



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(d,p) Levels
0 Kelvin Cross Sections

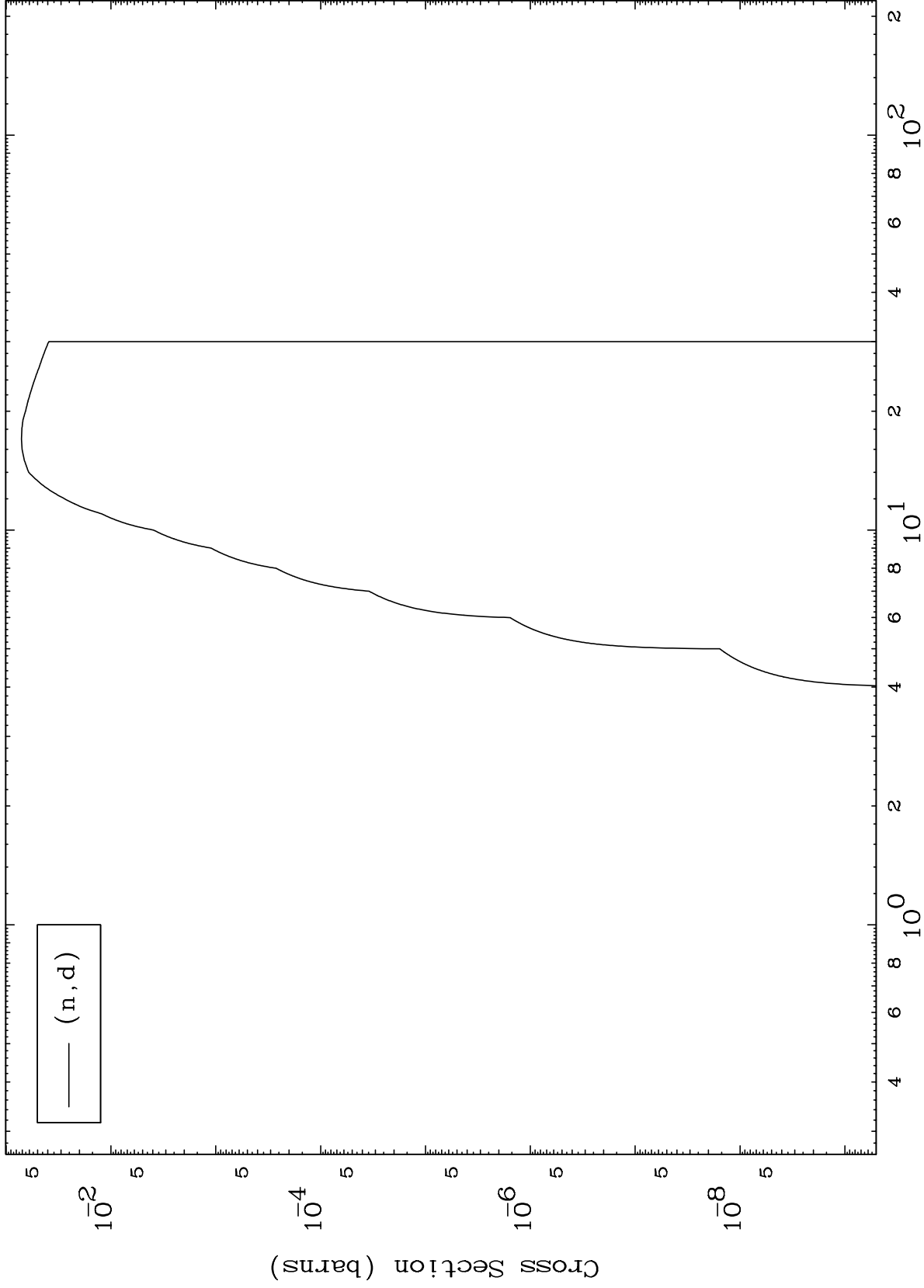
56-Ba-137



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(d,d) Levels
0 Kelvin Cross Sections

56-Ba-137



8

Incident Energy (MeV)

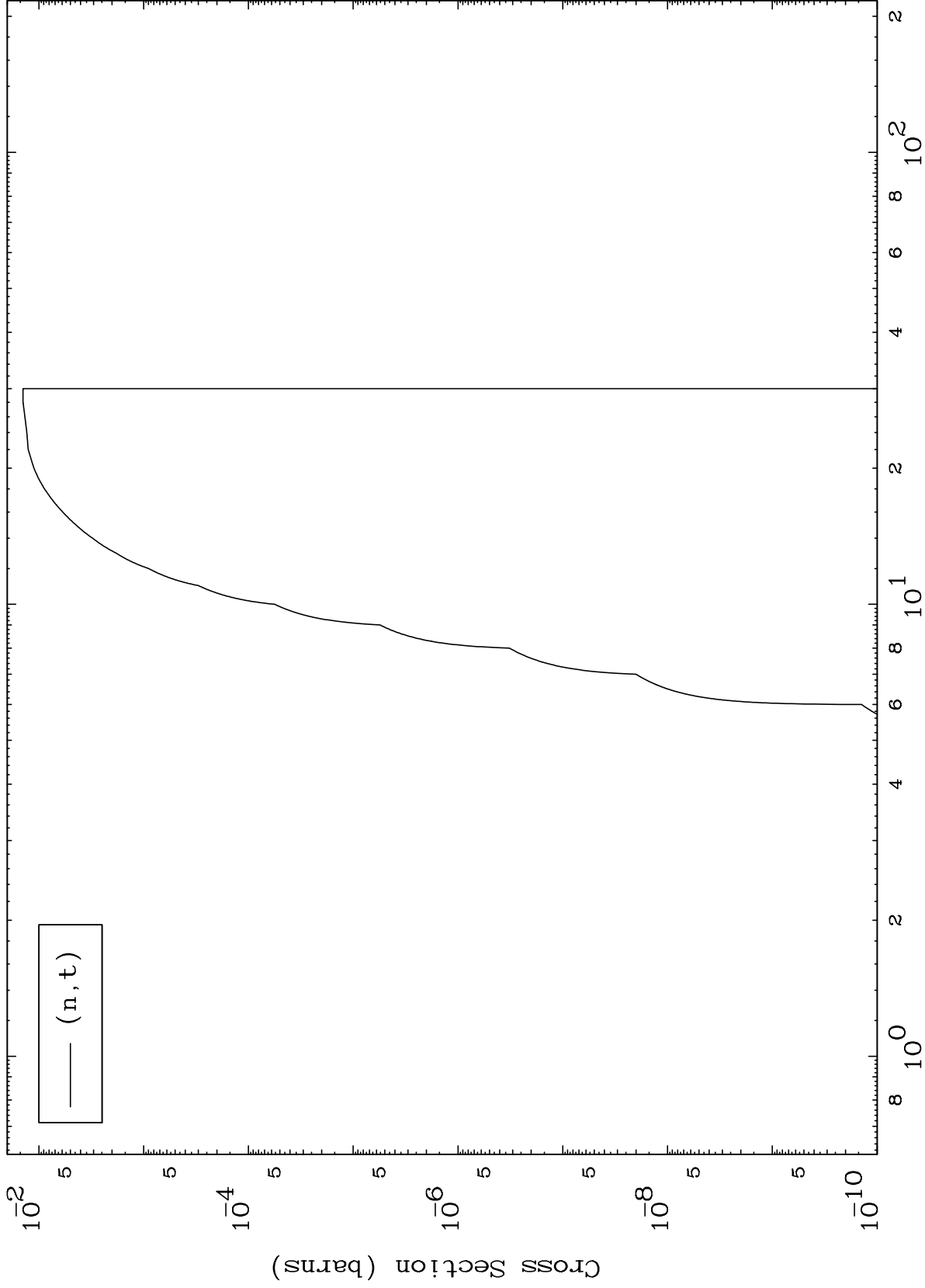
56-Ba-137

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(d,t) Levels

56-Ba-137

0 Kelvin Cross Sections



(n,t)

Incident Energy (MeV)

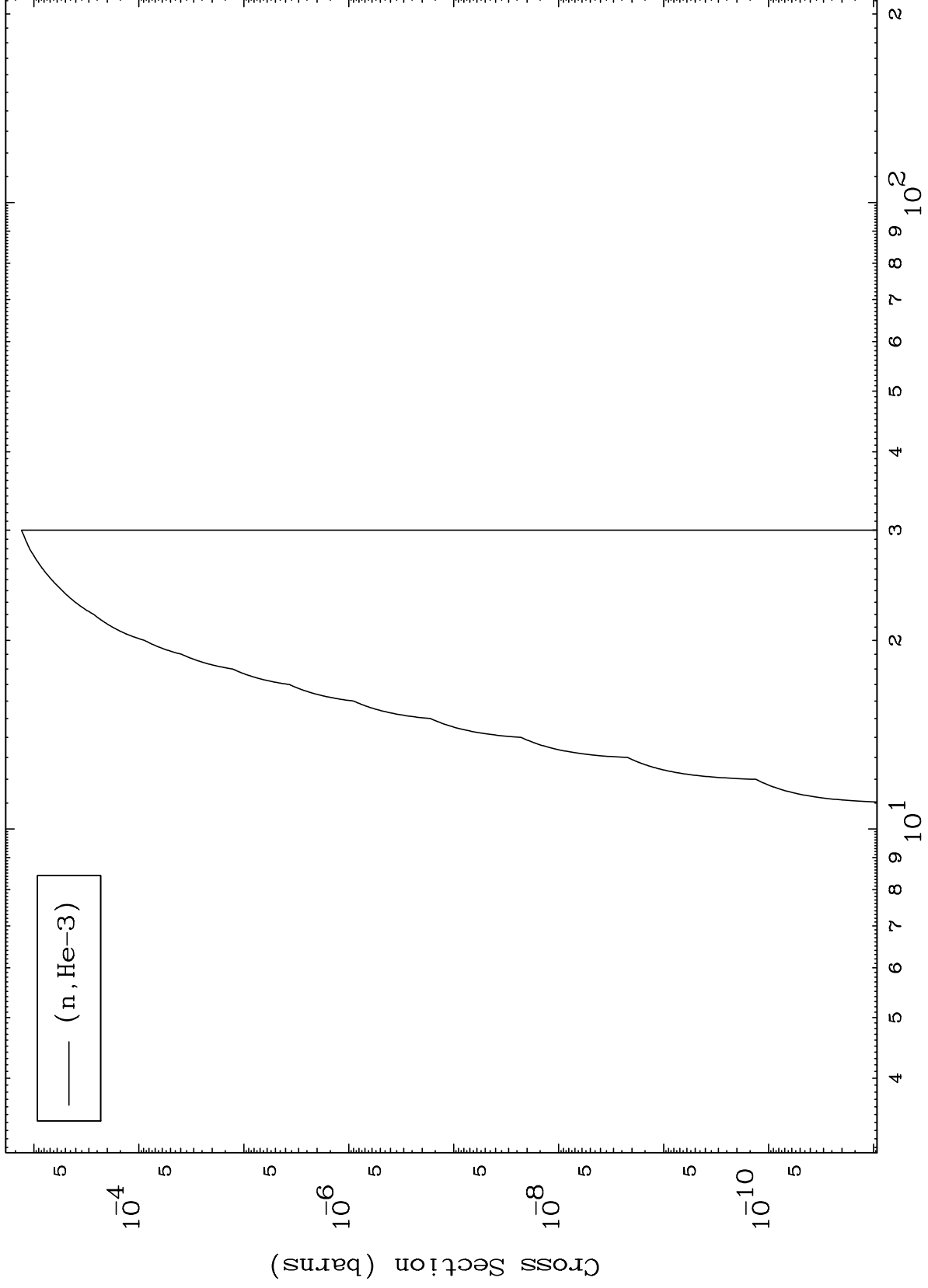
56-Ba-137

9

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(d,He3) Levels
0 Kelvin Cross Sections

56-Ba-137



10

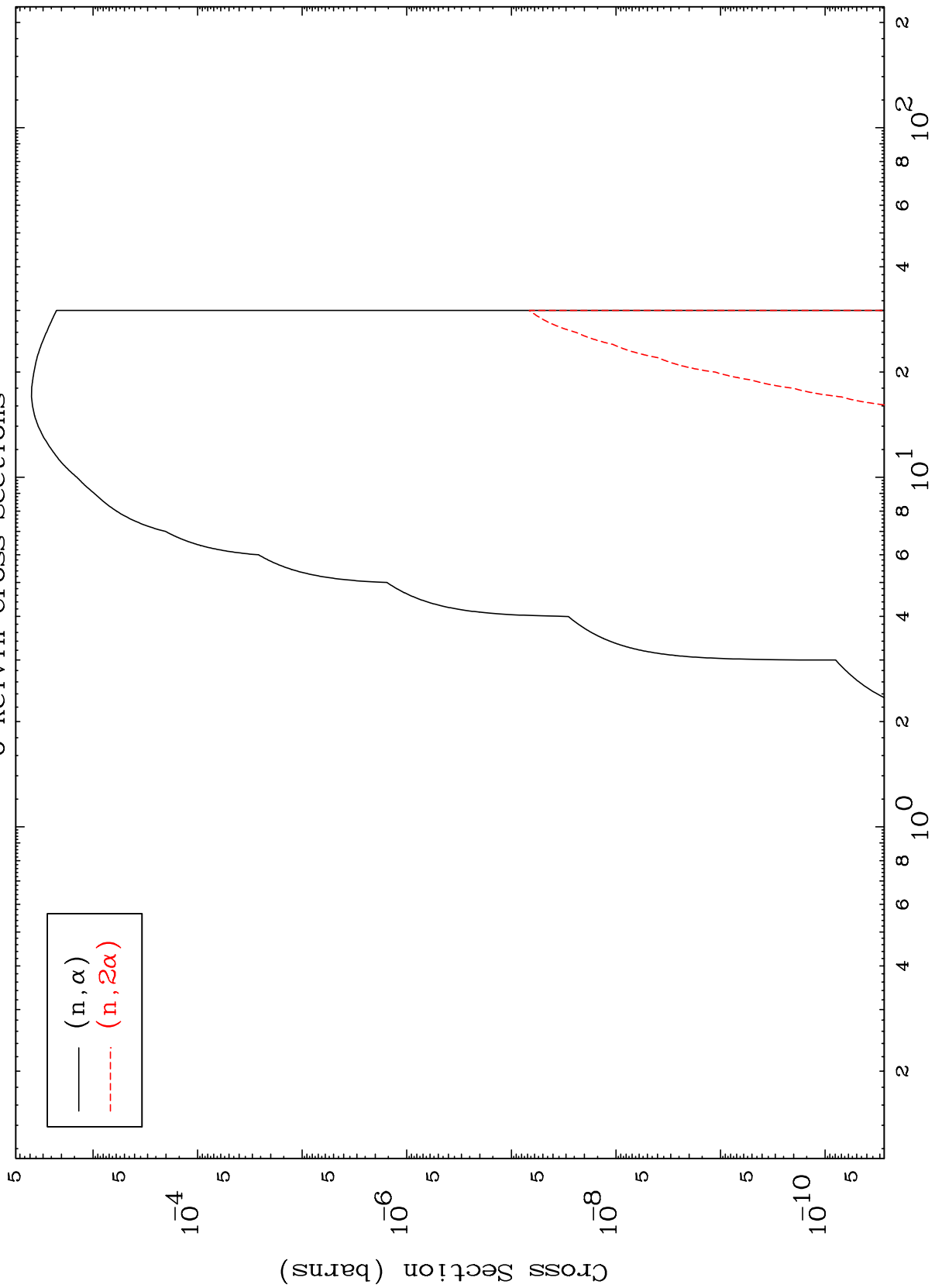
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(d, α) Levels
0 Kelvin Cross Sections



56-Ba-137

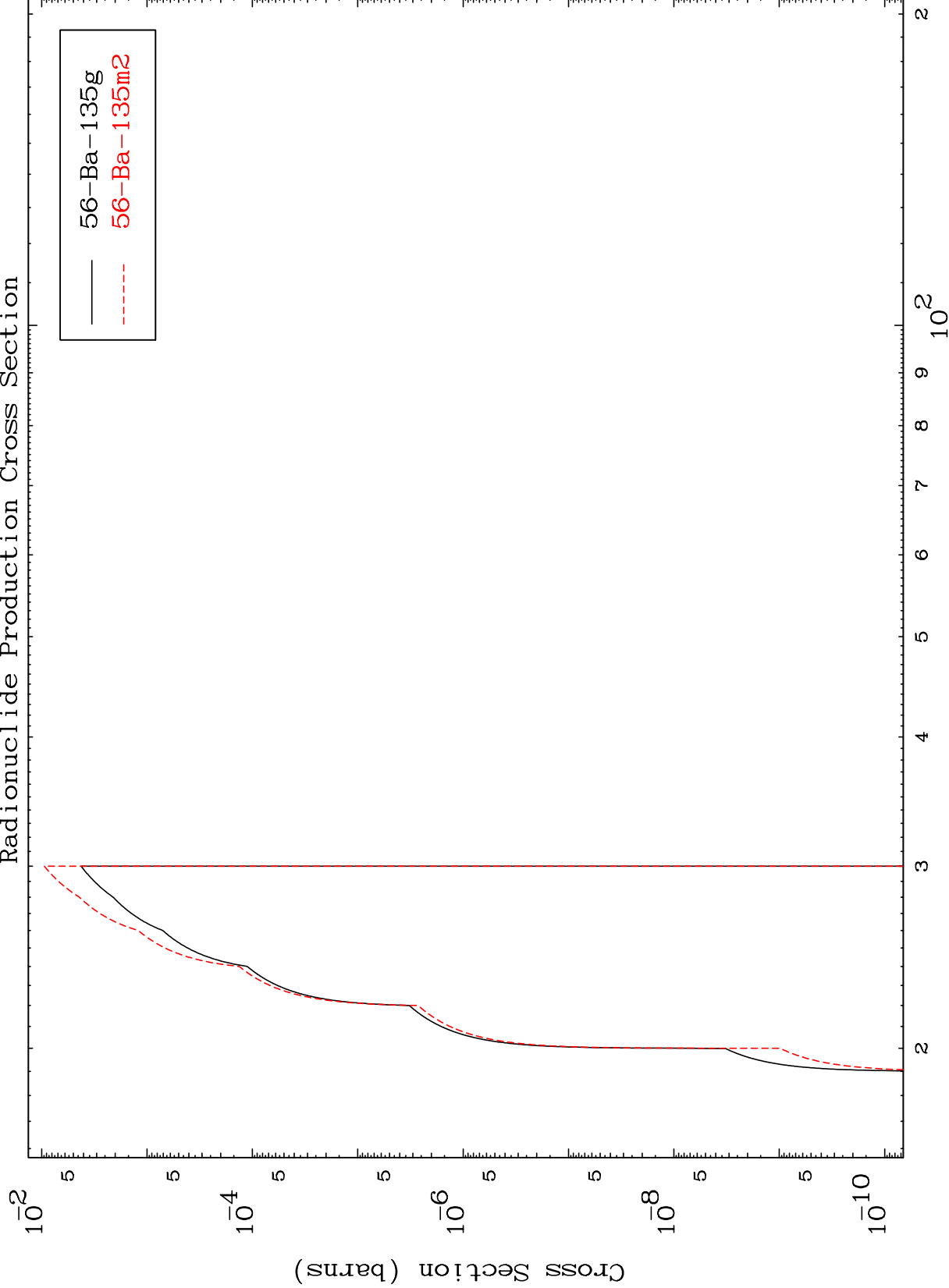
Incident Energy (MeV)

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(n,2n) d

56-Ba-137

Radionuclide Production Cross Section



12

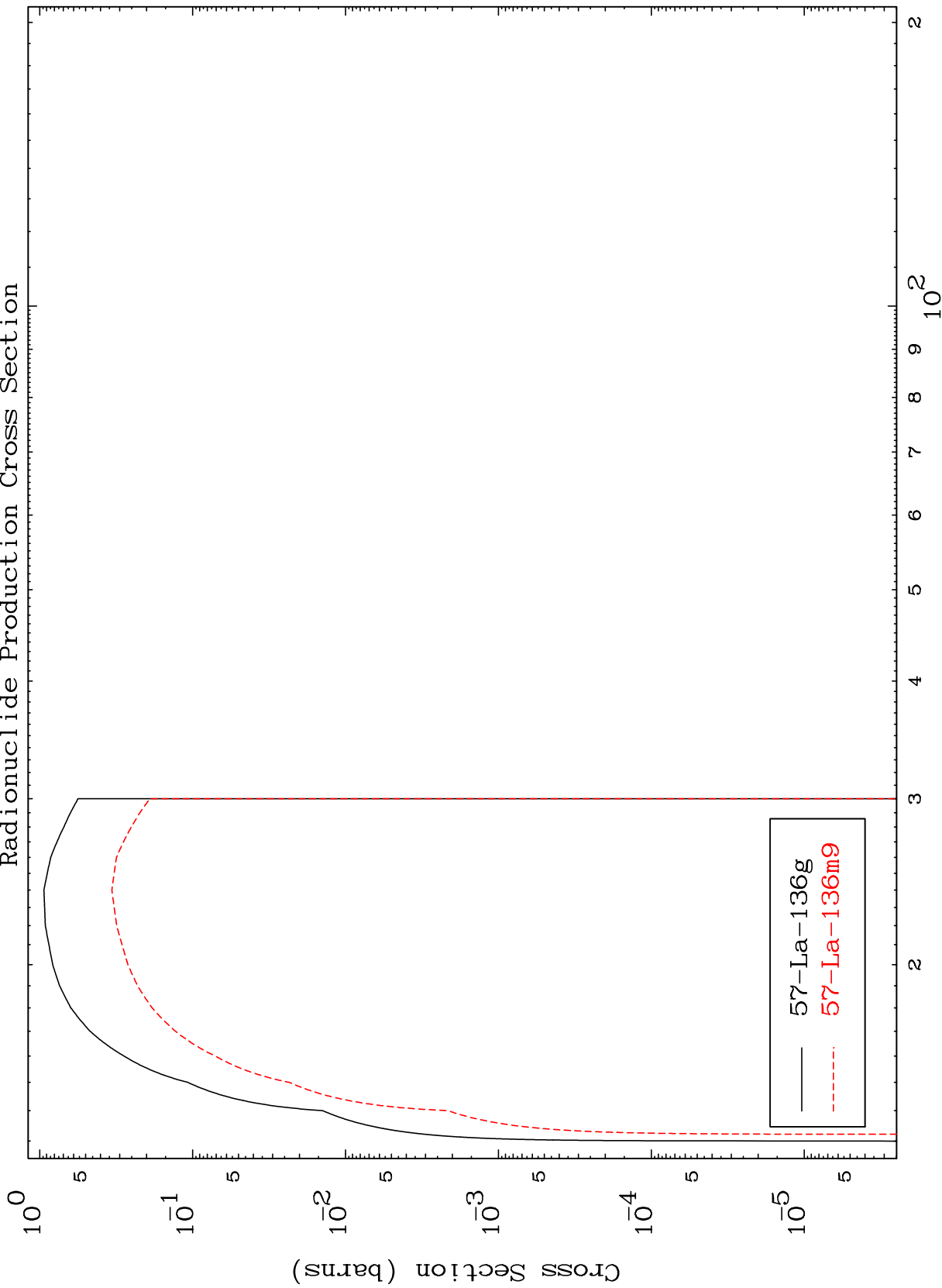
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n,3n)
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

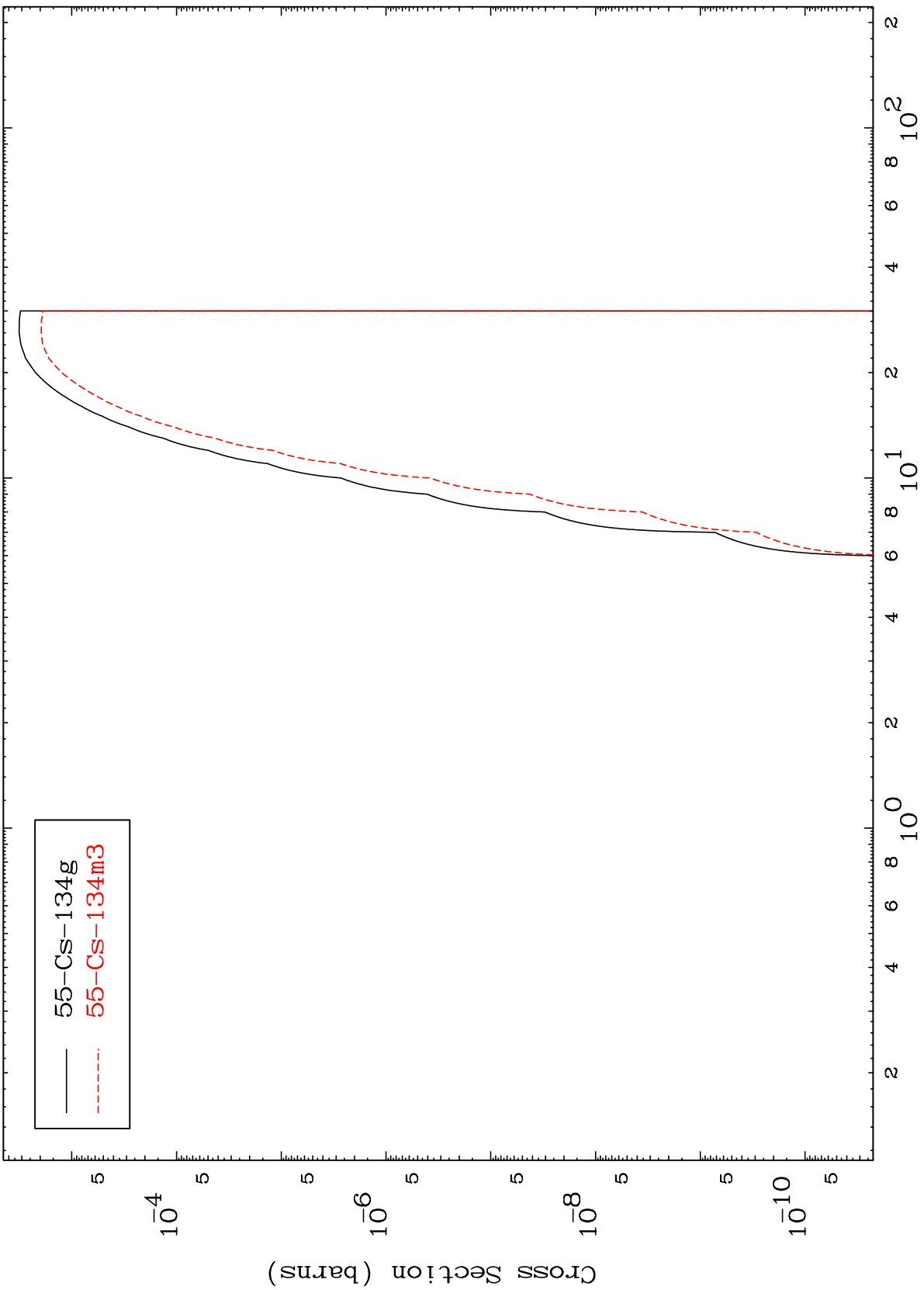
13

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(n,n') α

56-Ba-137

Radionuclide Production Cross Section



14

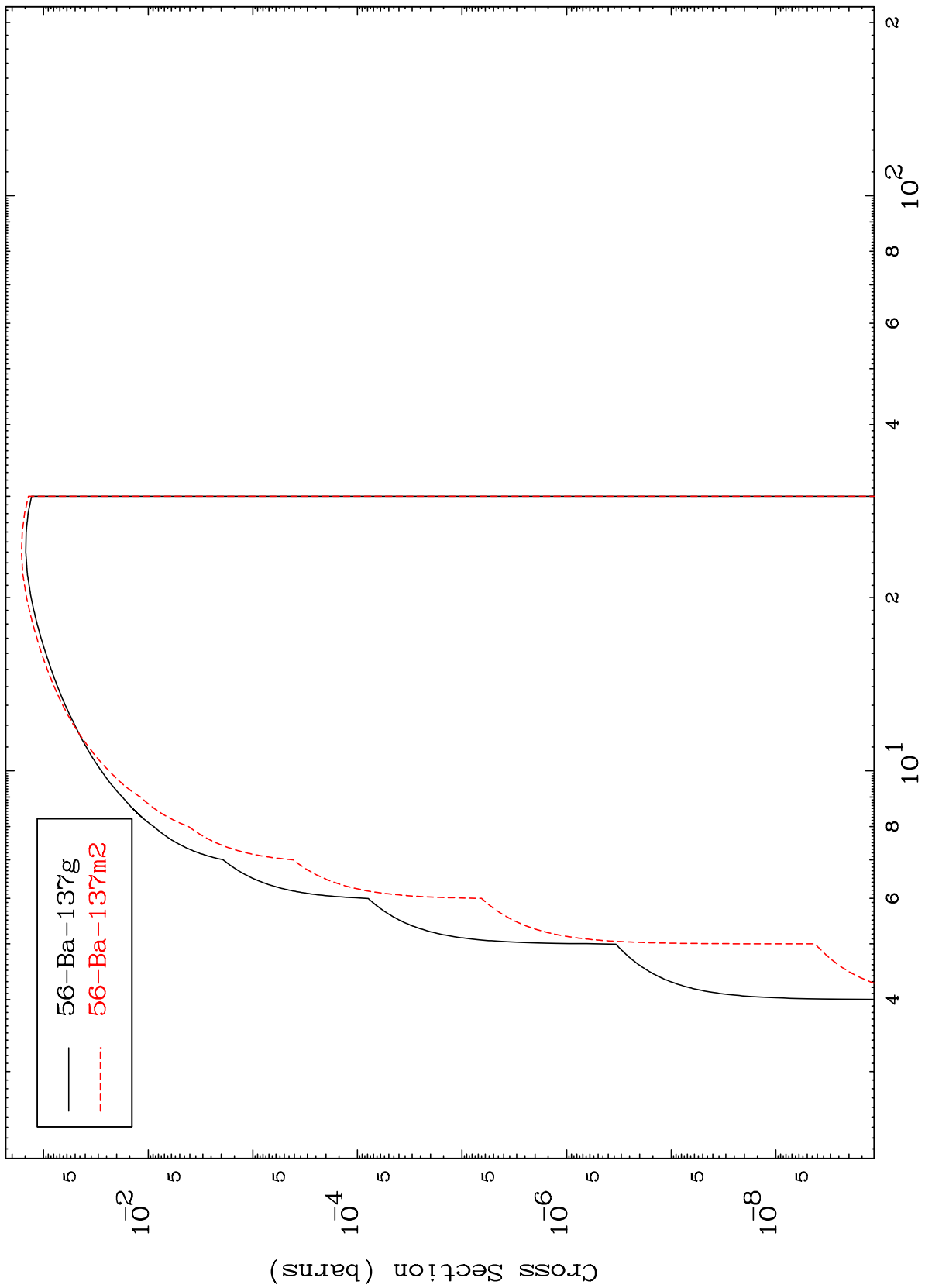
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n,n') p
Radionuclide Production Cross Section



15

56-Ba-137

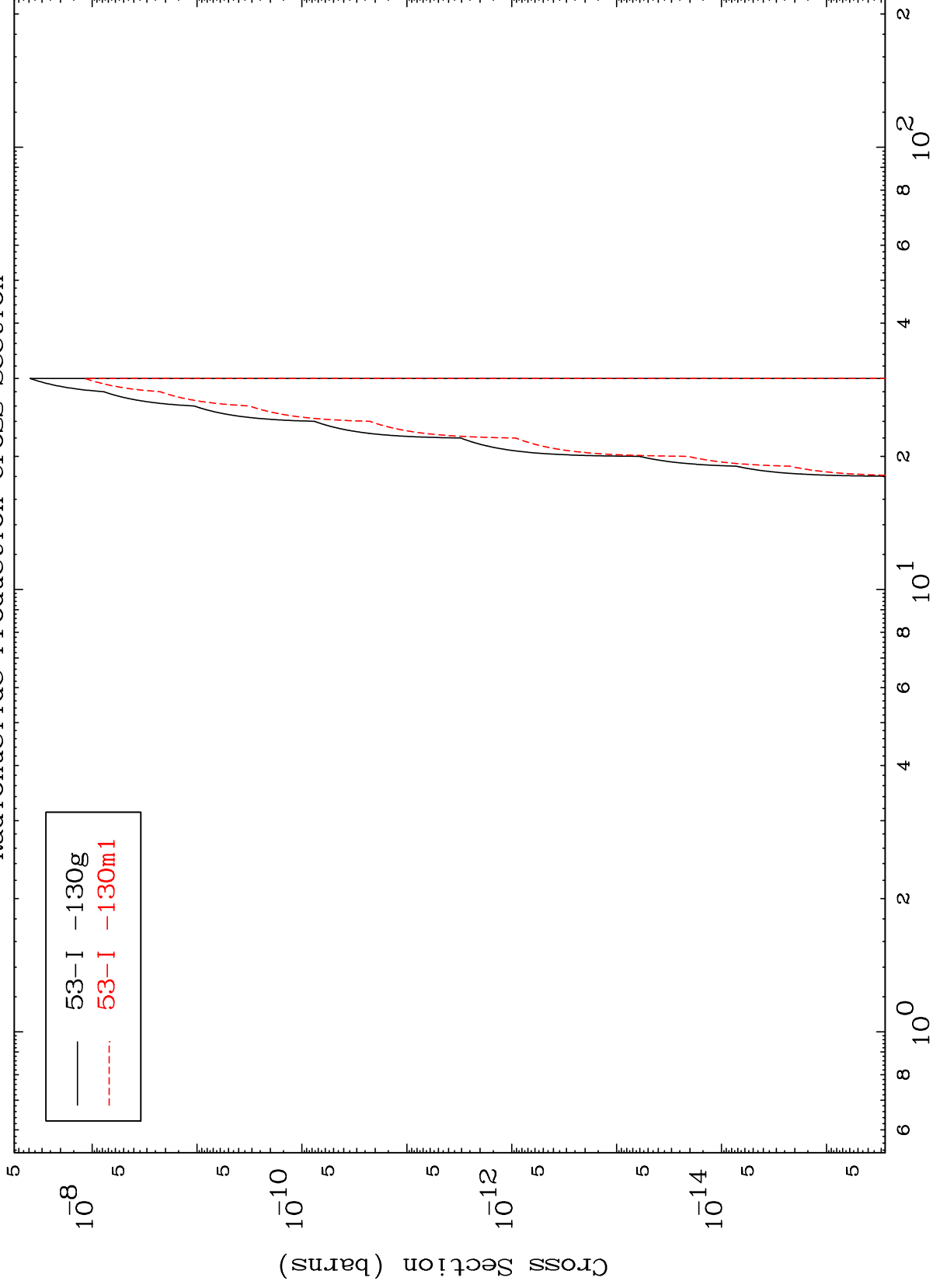
Incident Energy (MeV)

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(n,n') 2α

56-Ba-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

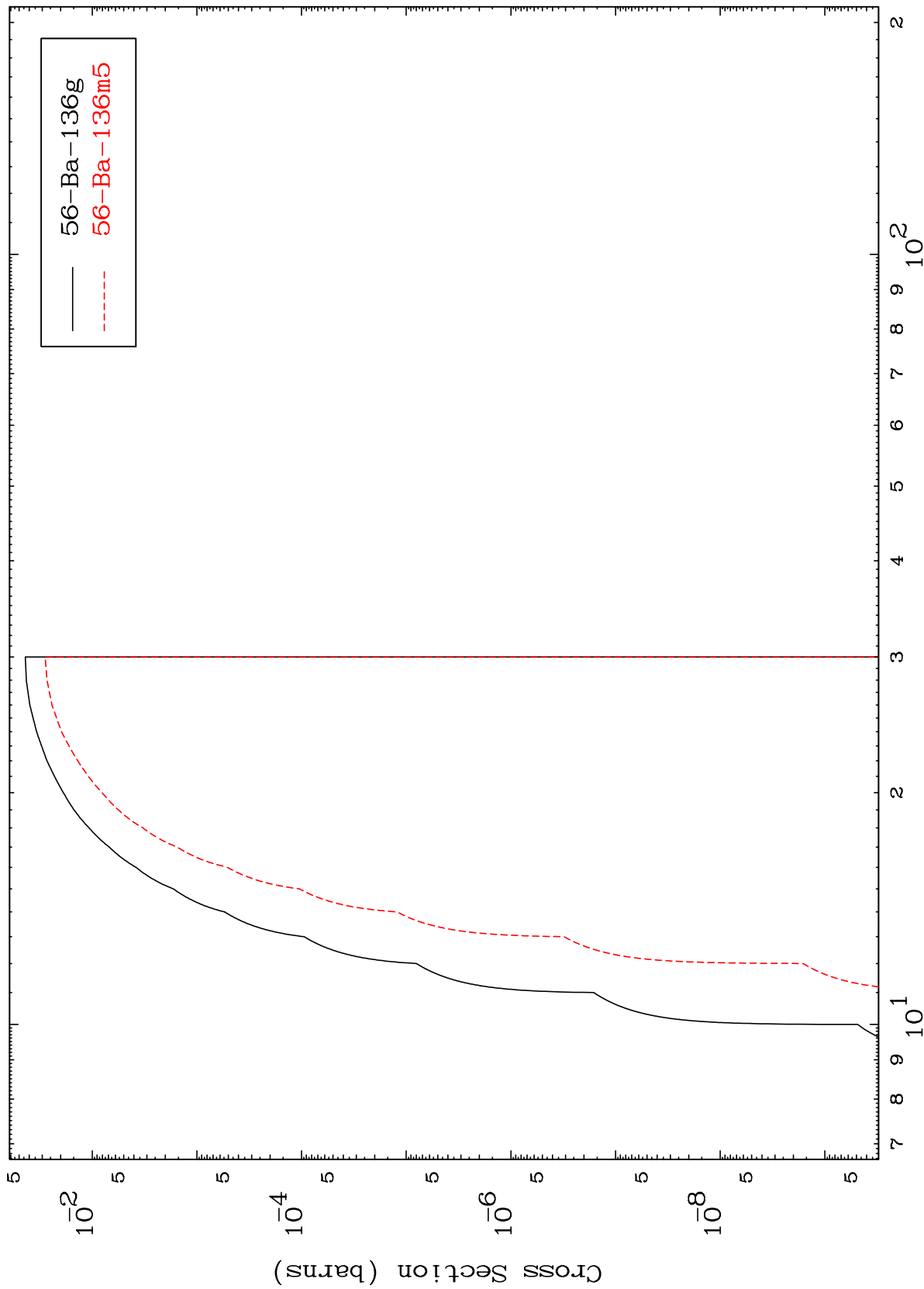
56-Ba-137

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(n,n') d

56-Ba-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

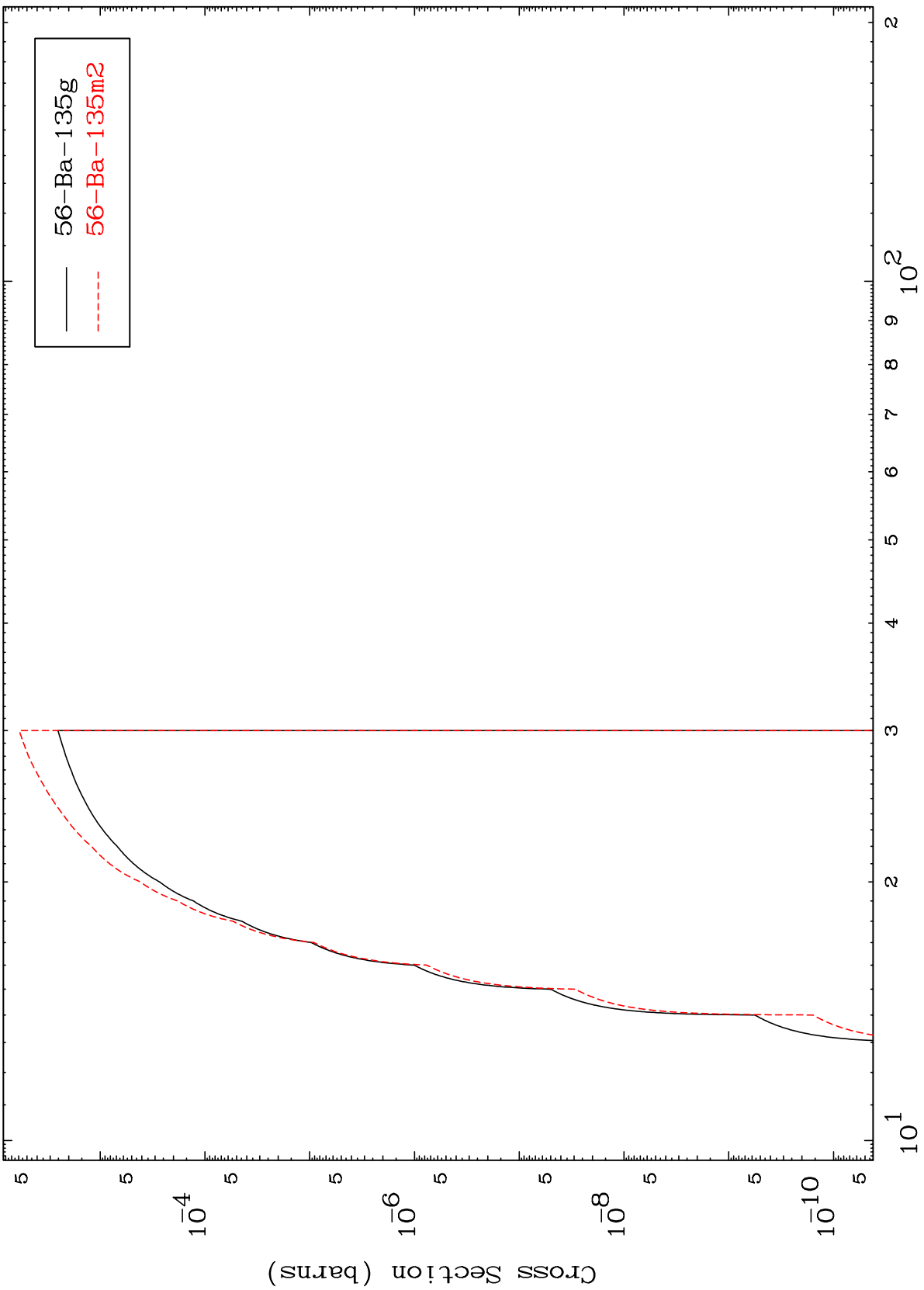
56-Ba-137

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(n,n') t

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

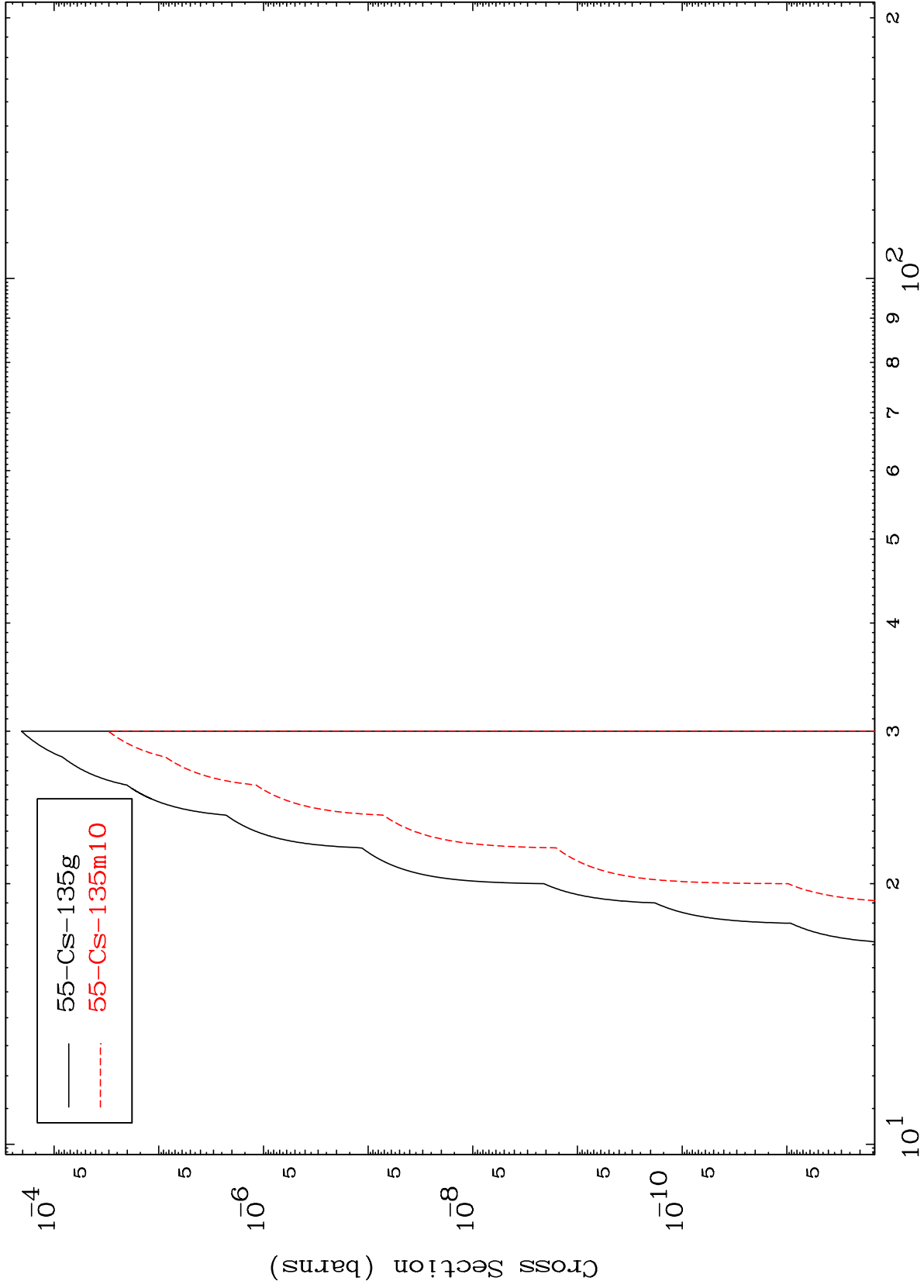
56-Ba-137

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(n,n') He-3

56-Ba-137

Radionuclide Production Cross Section



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

Incident Energy (MeV)

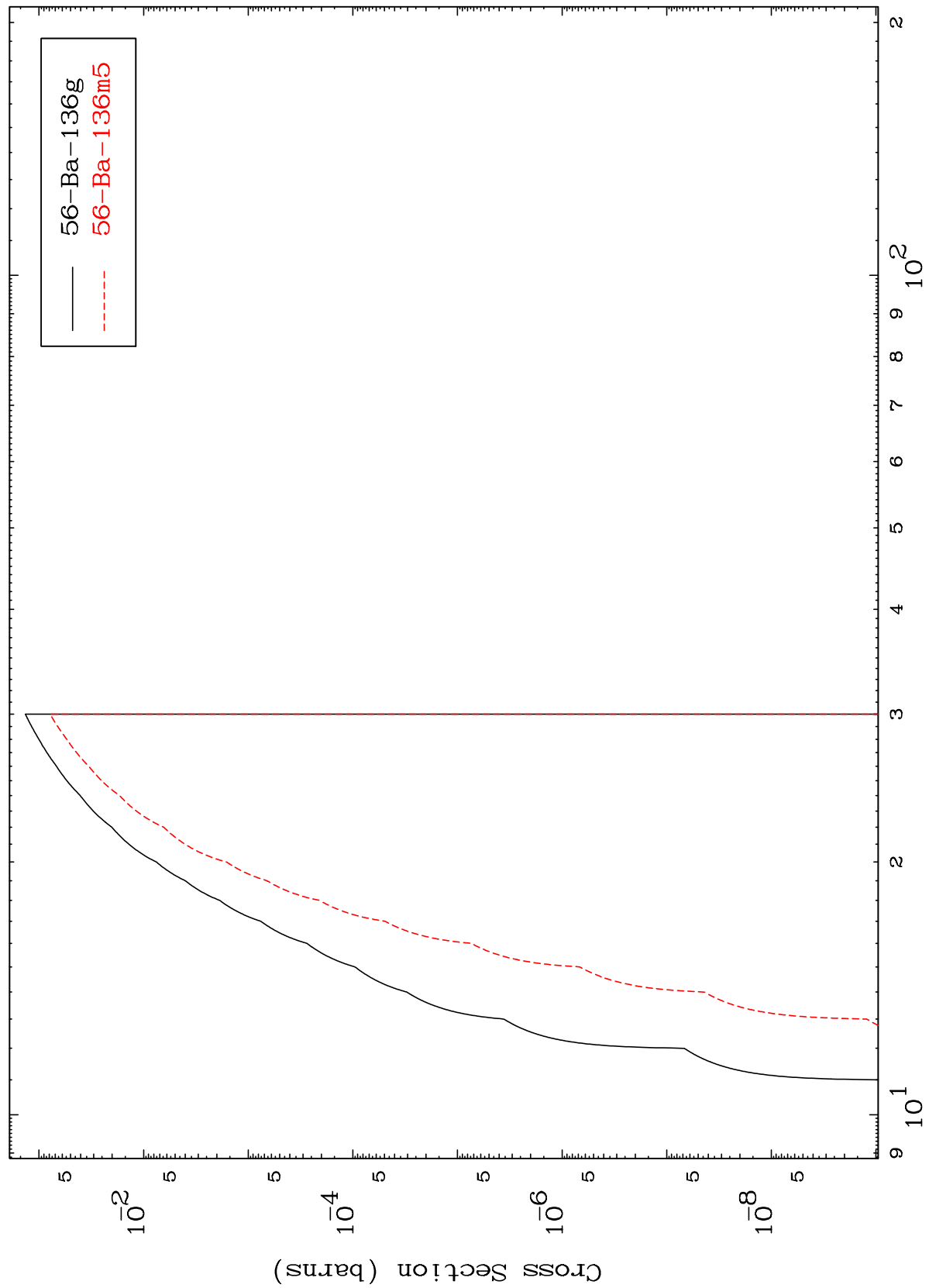
56-Ba-137

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(n,2n) p

56-Ba-137

Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

20

Incident Energy (MeV)

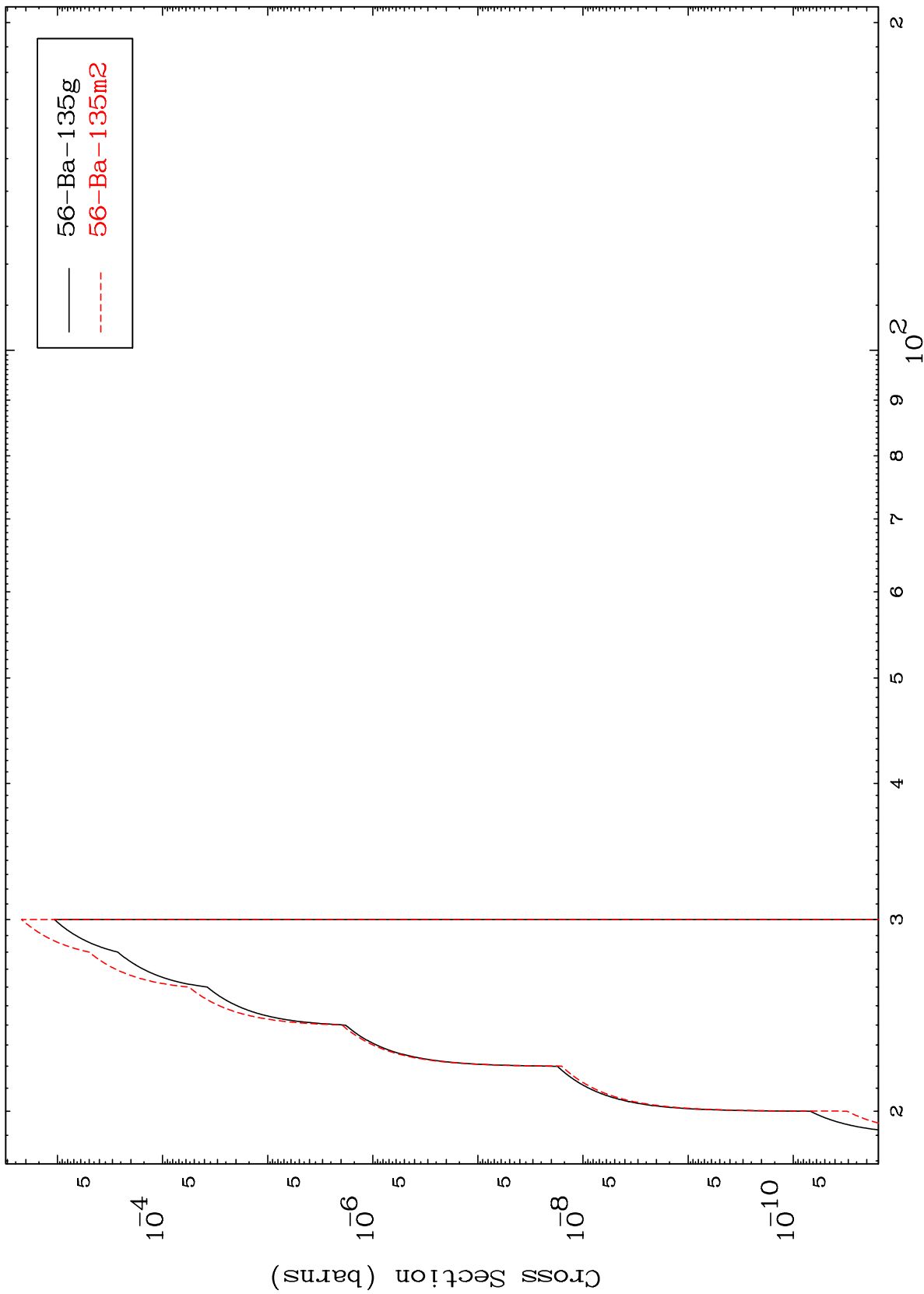
56-Ba-137

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(n,3n) p

56-Ba-137

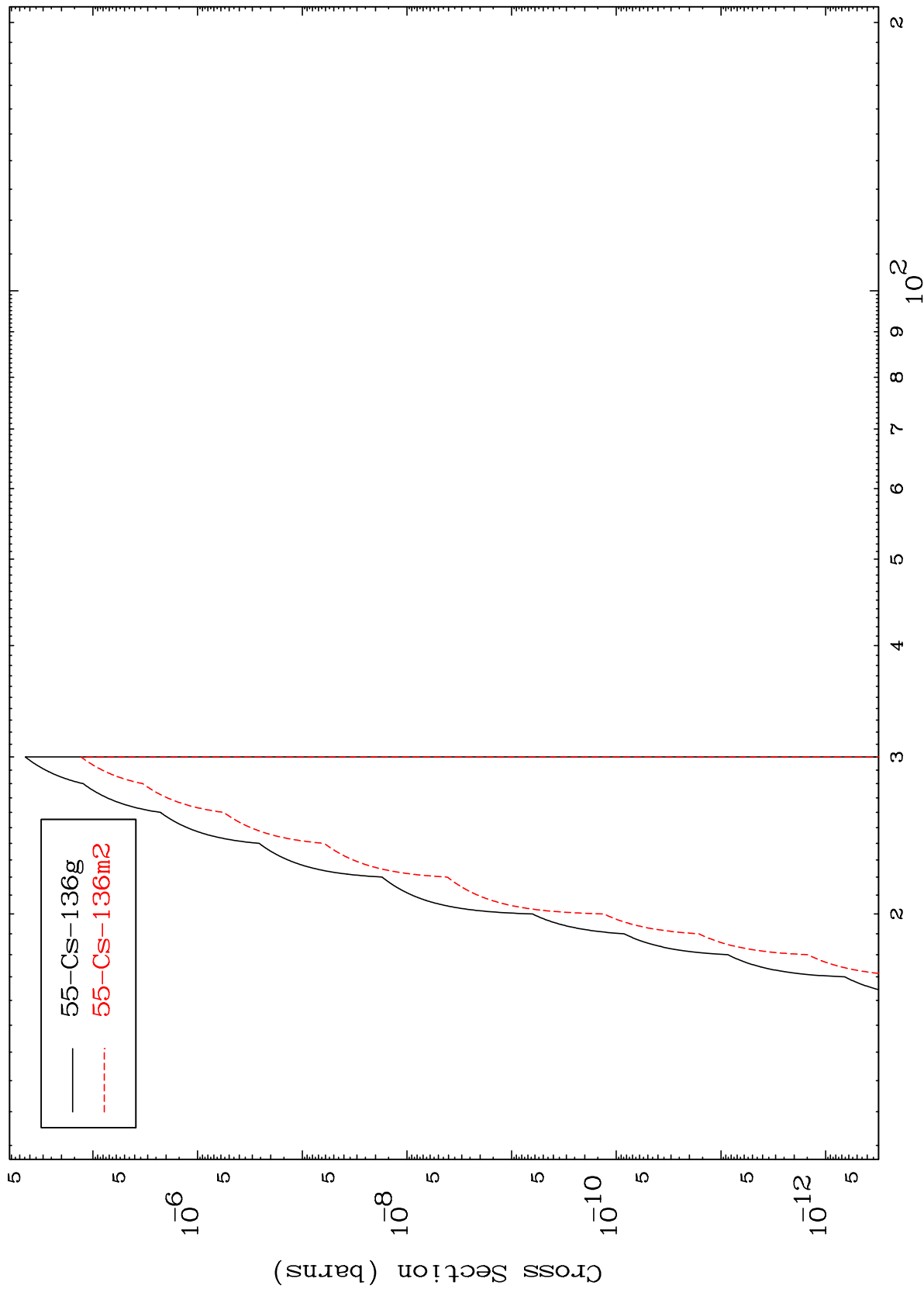
Radionuclide Production Cross Section



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56-Ba-137

(n,2n) p
Radionuclide Production Cross Section



56-Ba-137

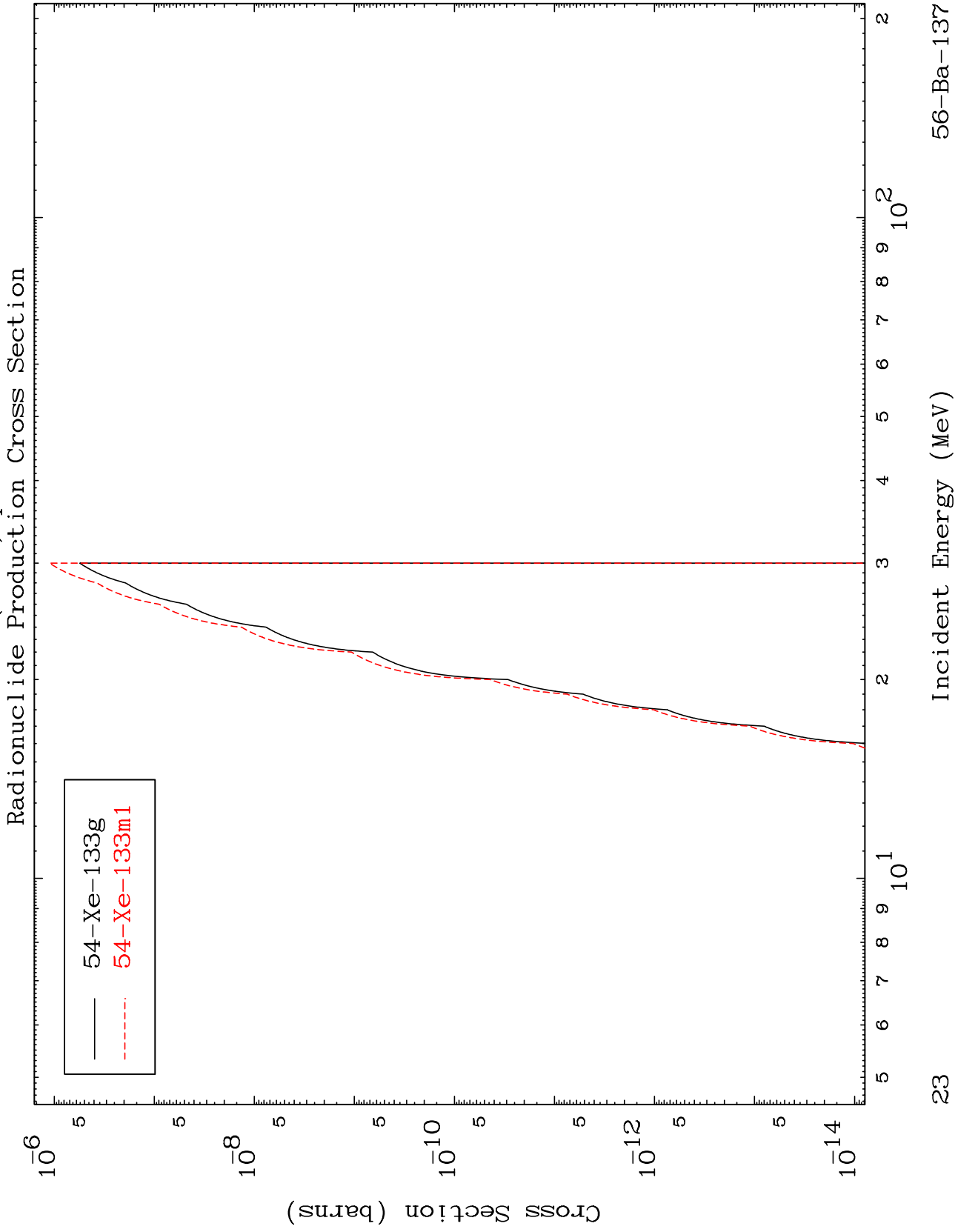
Incident Energy (MeV)

22

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(n,n') p α

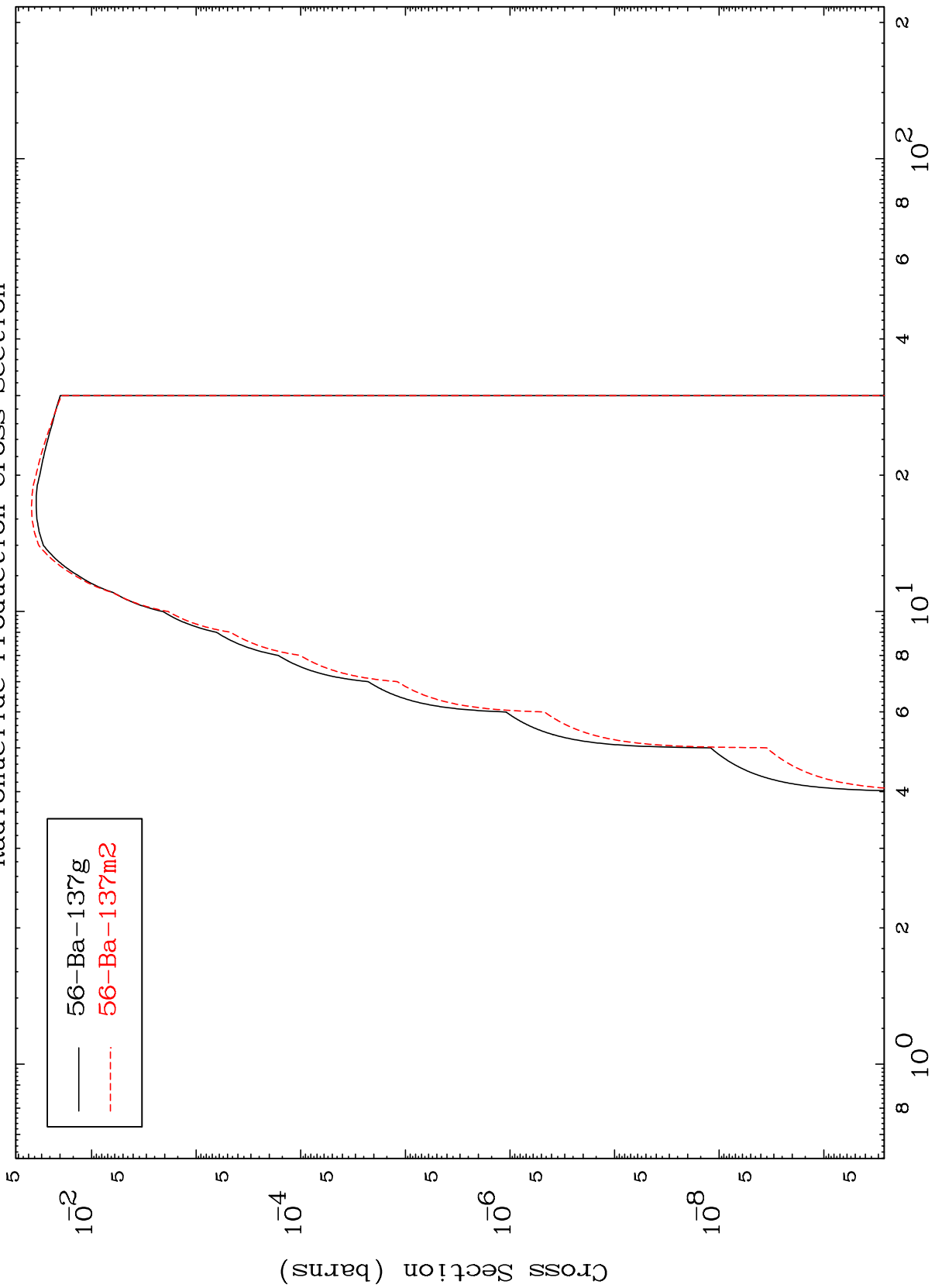
56-Ba-137



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56-Ba-137

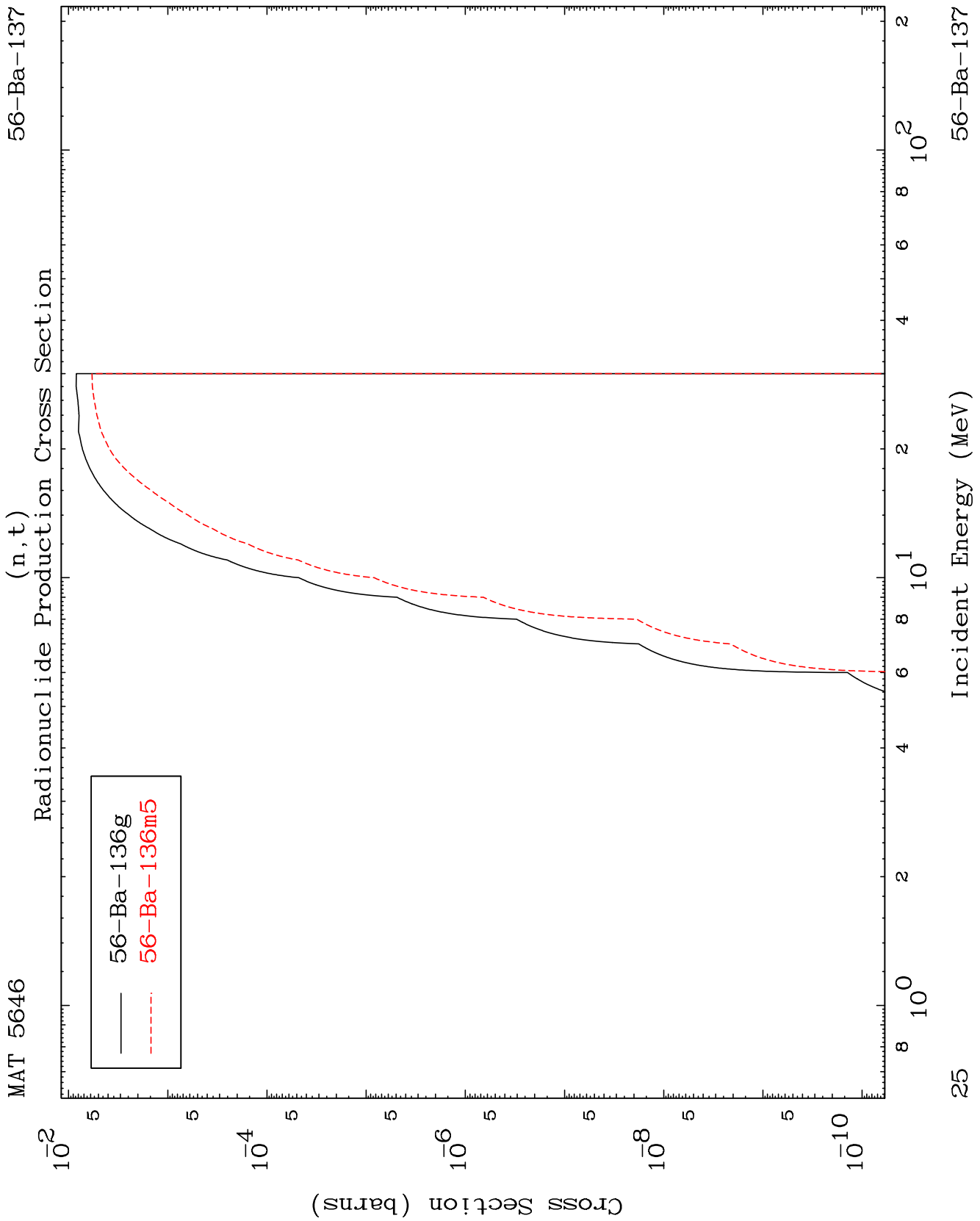
(n,d)
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

24

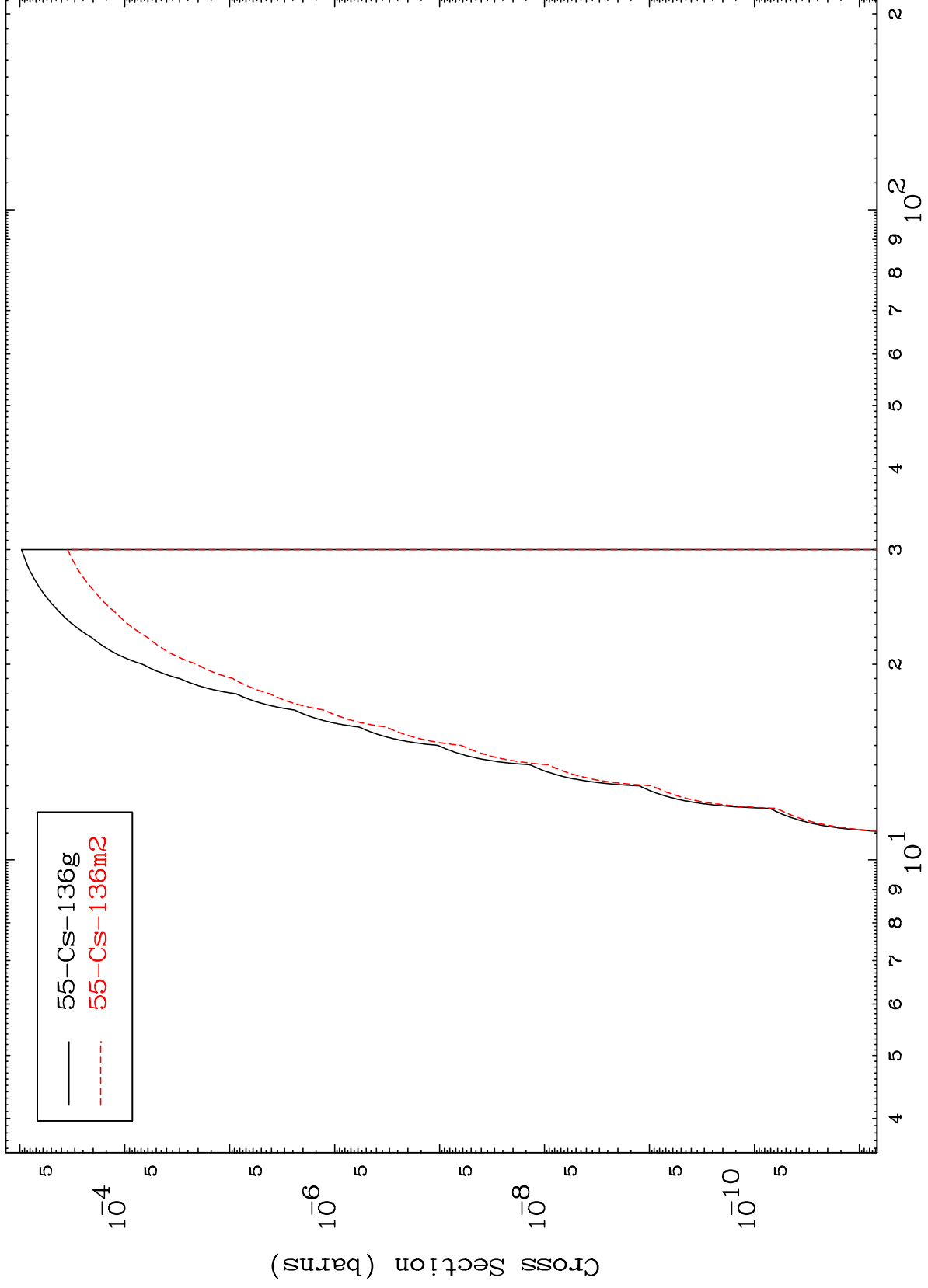


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(n,He-3)

56-Ba-137

Radionuclide Production Cross Section



26

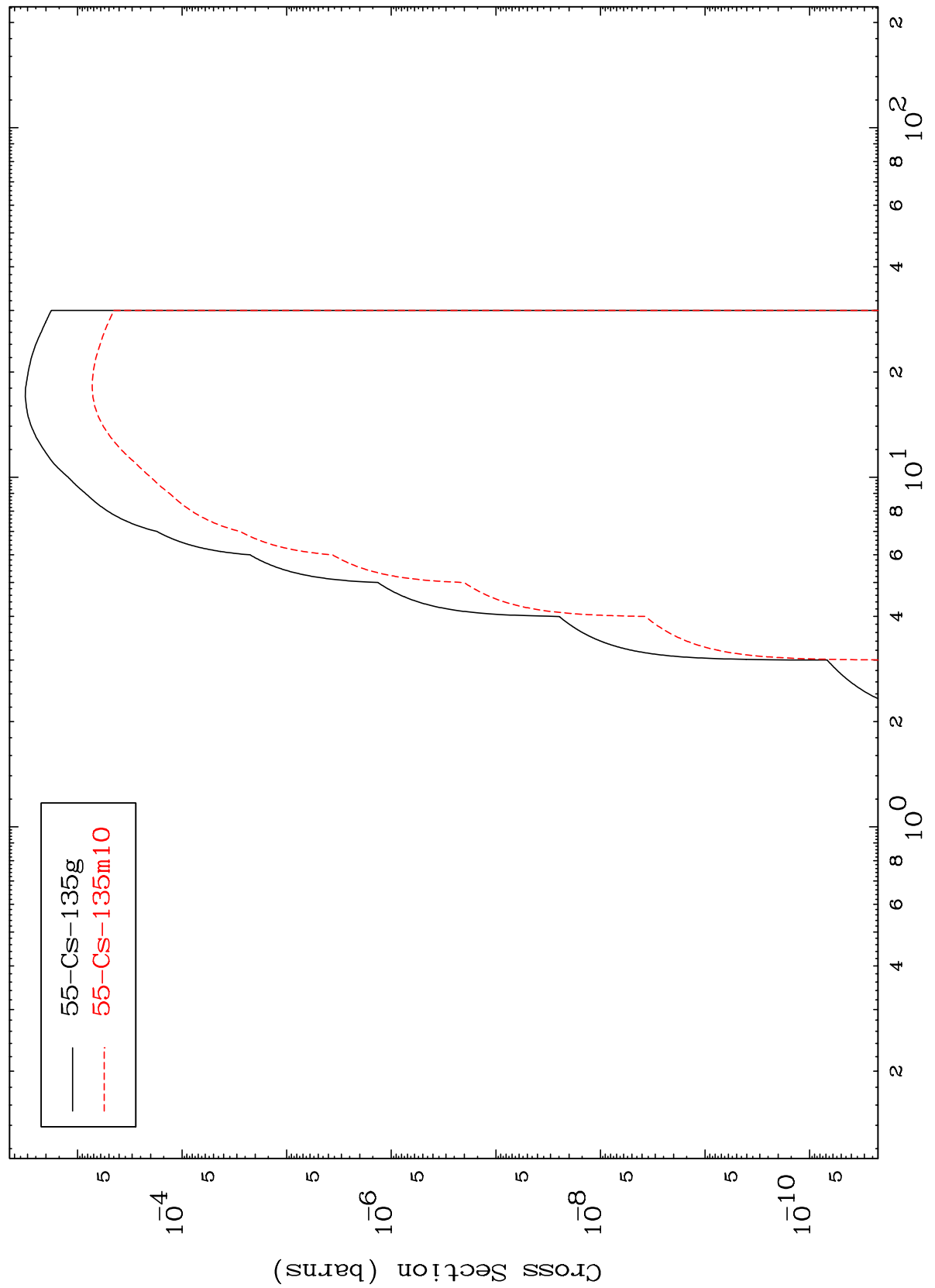
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

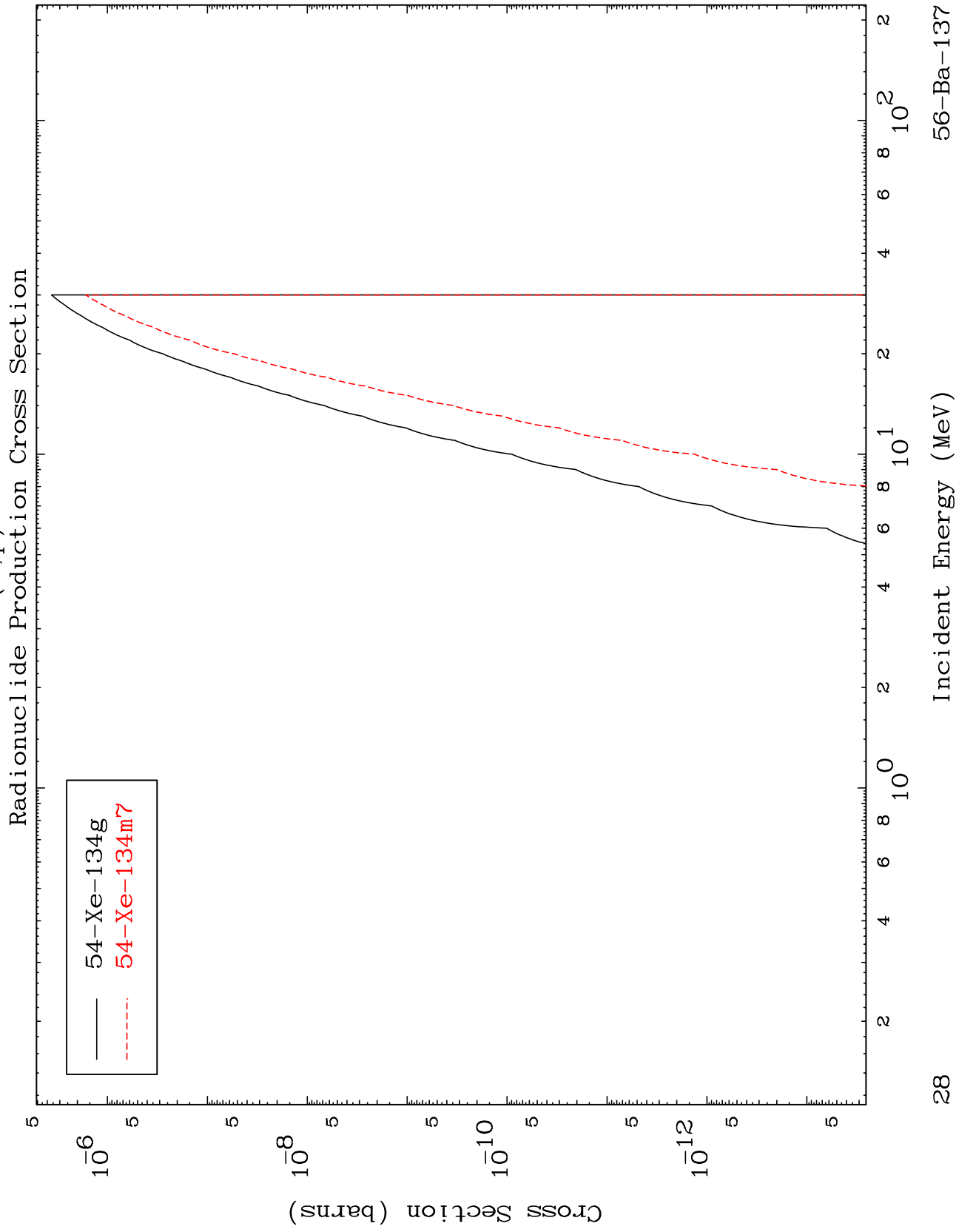
(n, α)
Radionuclide Production Cross Section



MAT 5646

(n,p) α

56-Ba-137

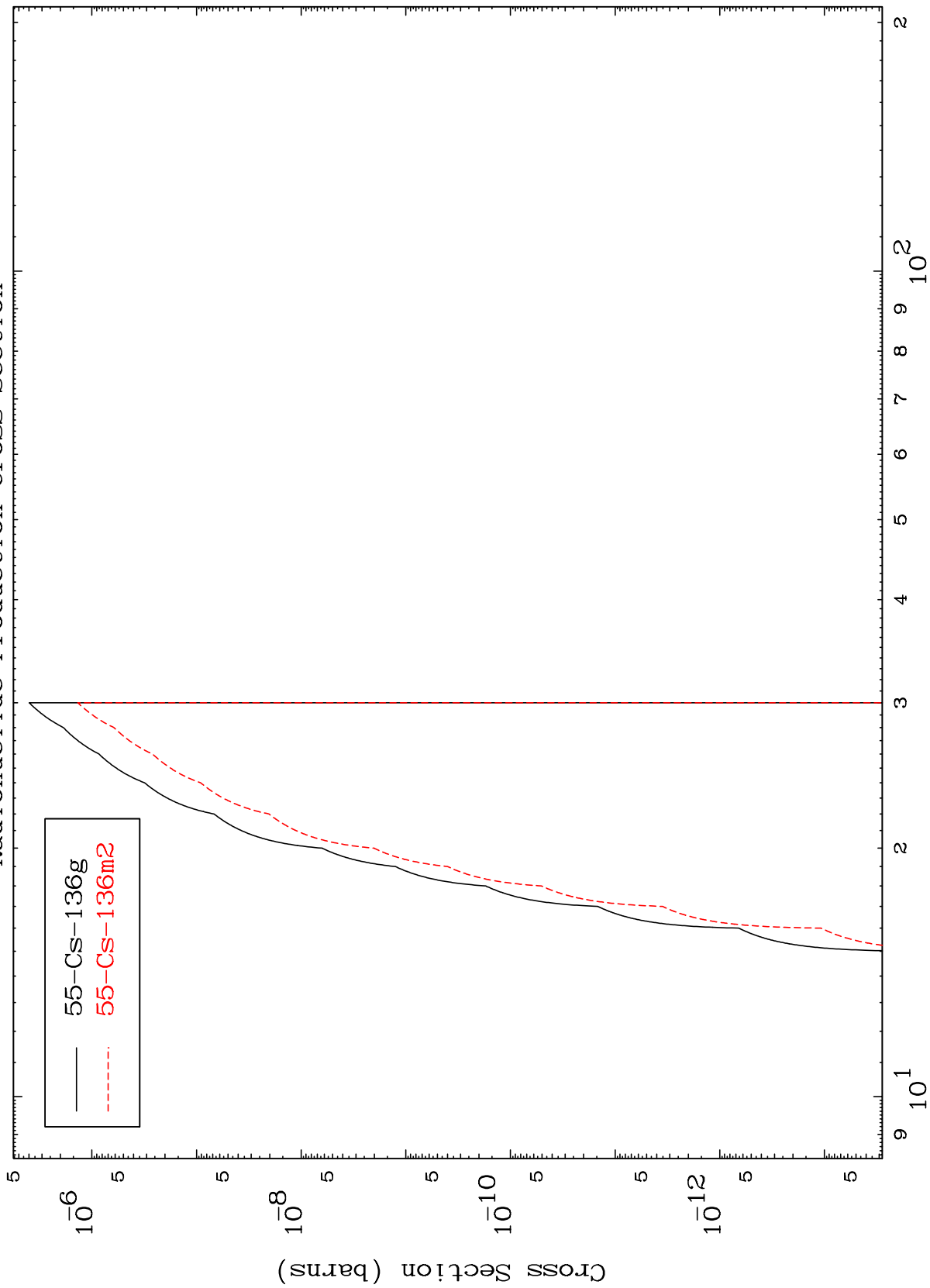


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(n,p) d

56-Ba-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

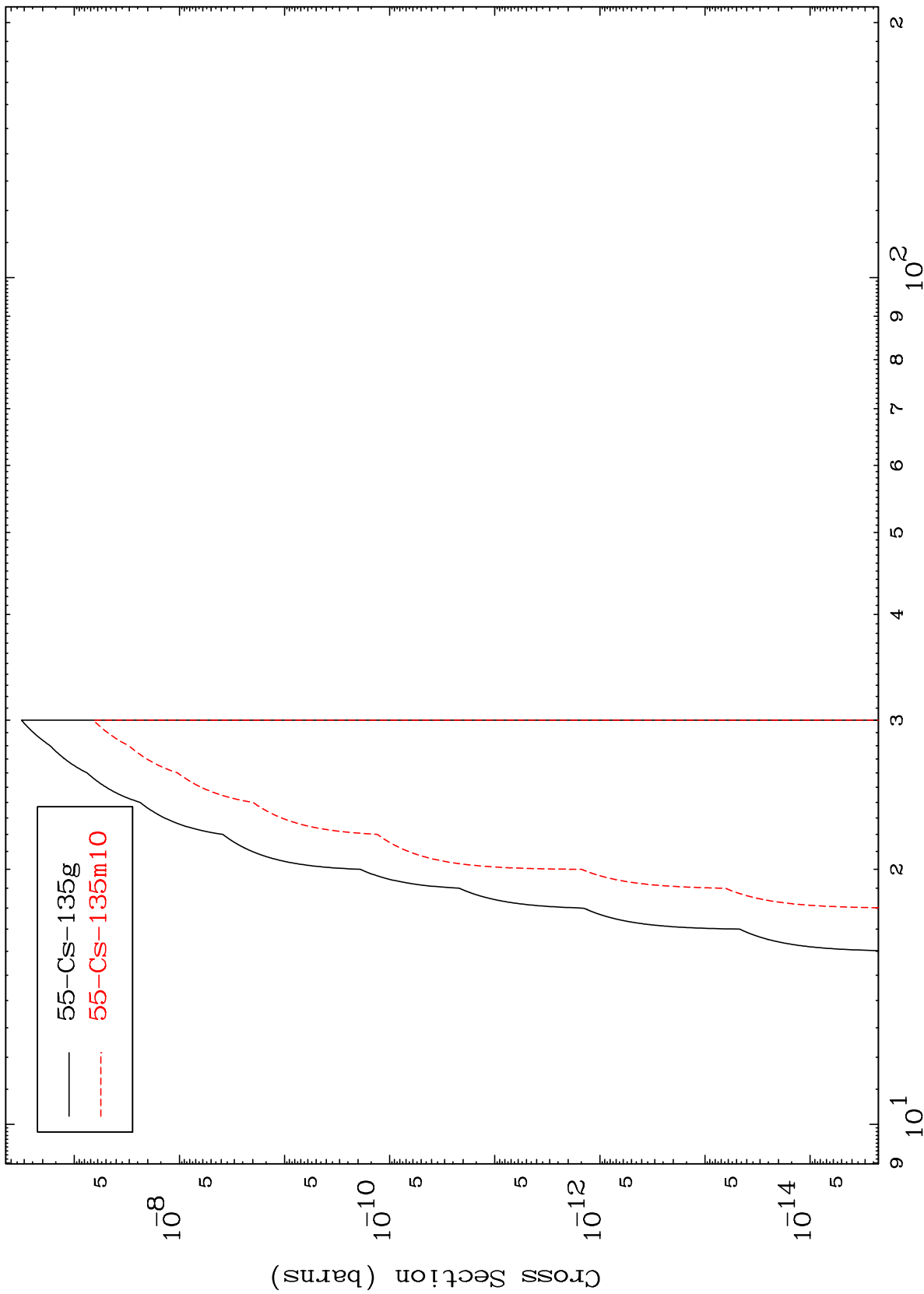
56-Ba-137

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(n,p) t

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-137

30

MAT 5646

(n,d) α

56-Ba-137

Radionuclide Production Cross Section

