

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

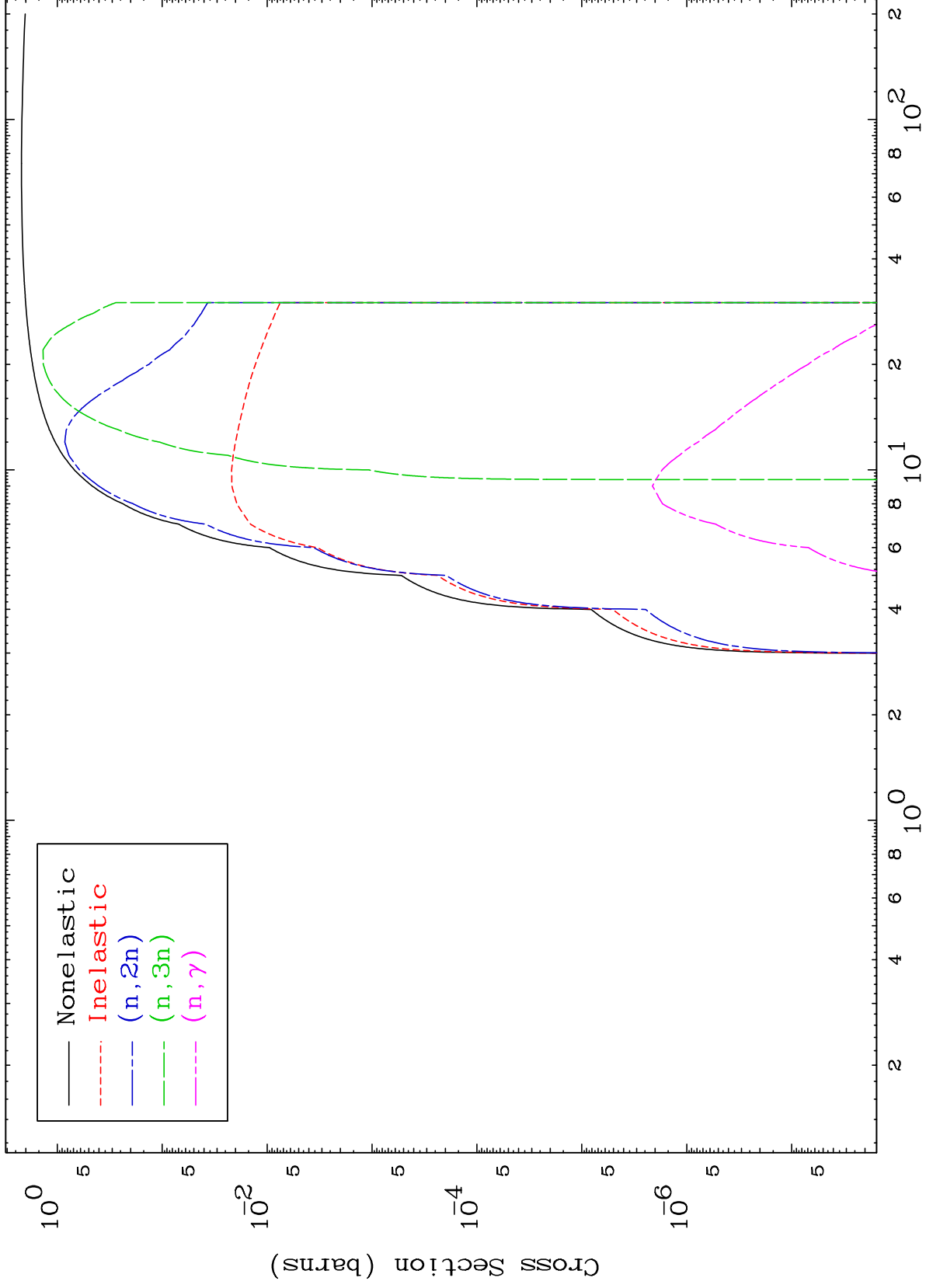
Press Mouse Button to Start

MAT 5647

Triton Major

56-Ba-137m

0 Kelvin Cross Sections



1

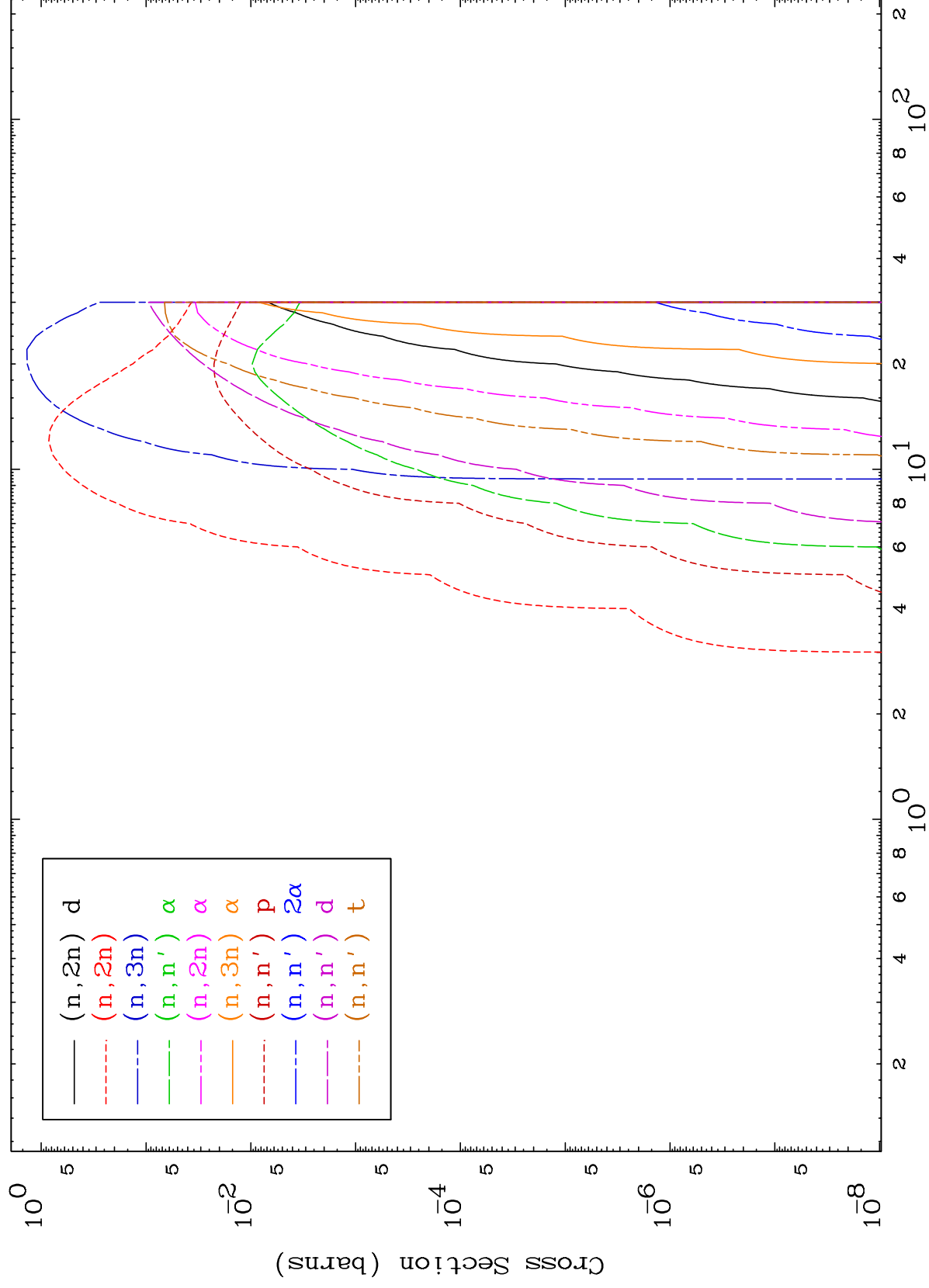
Incident Energy (MeV)

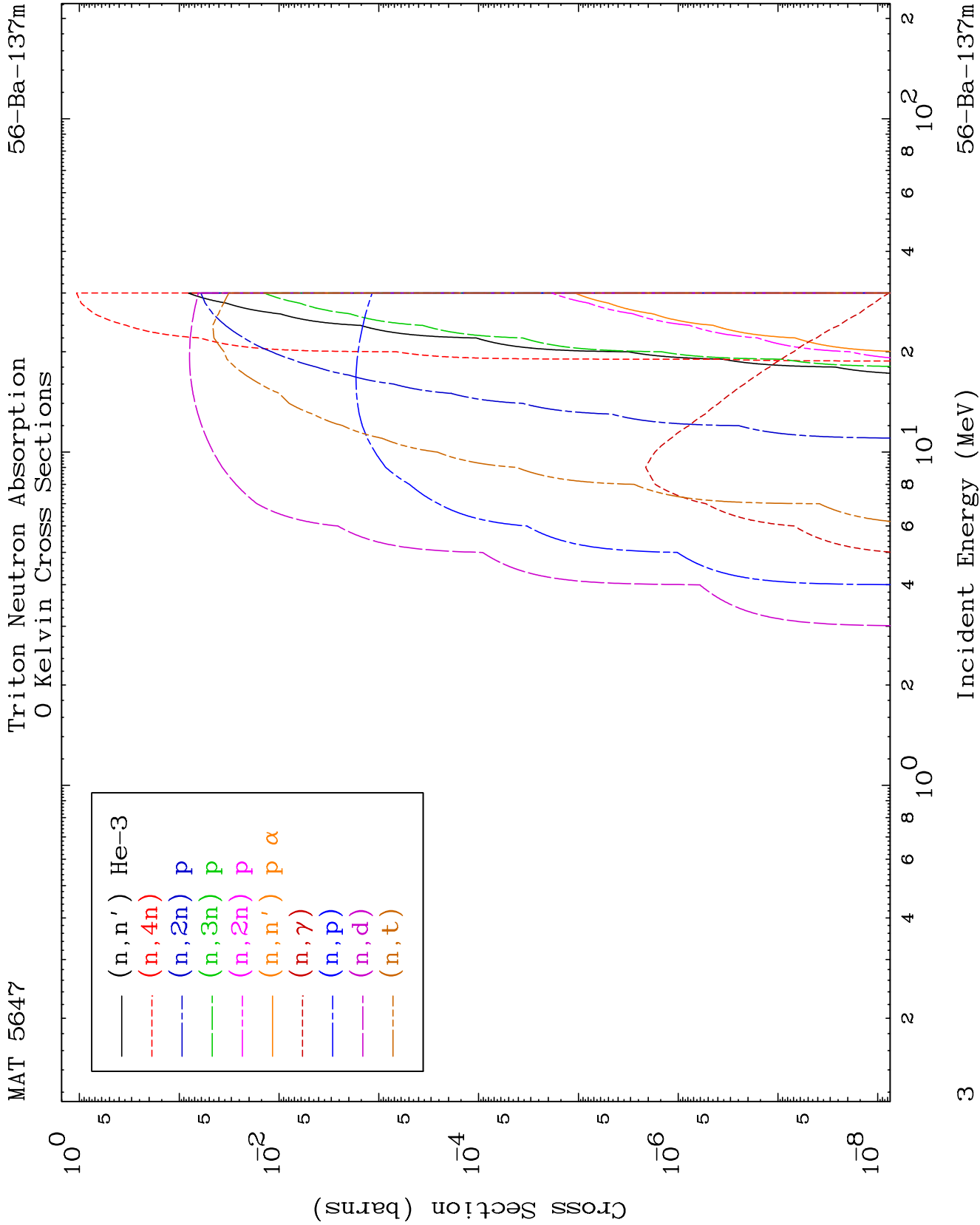
56-Ba-137m

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Triton Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137m

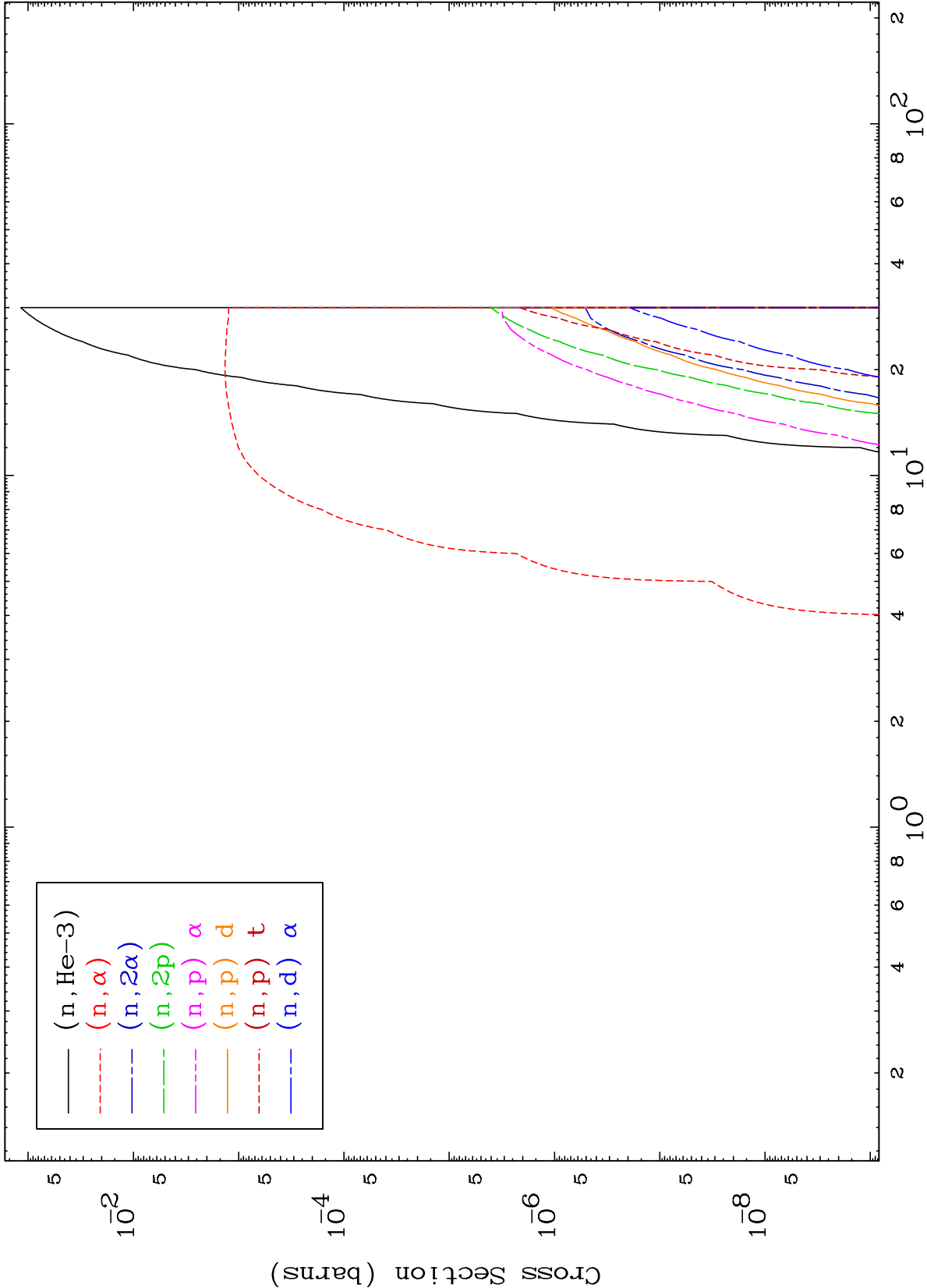


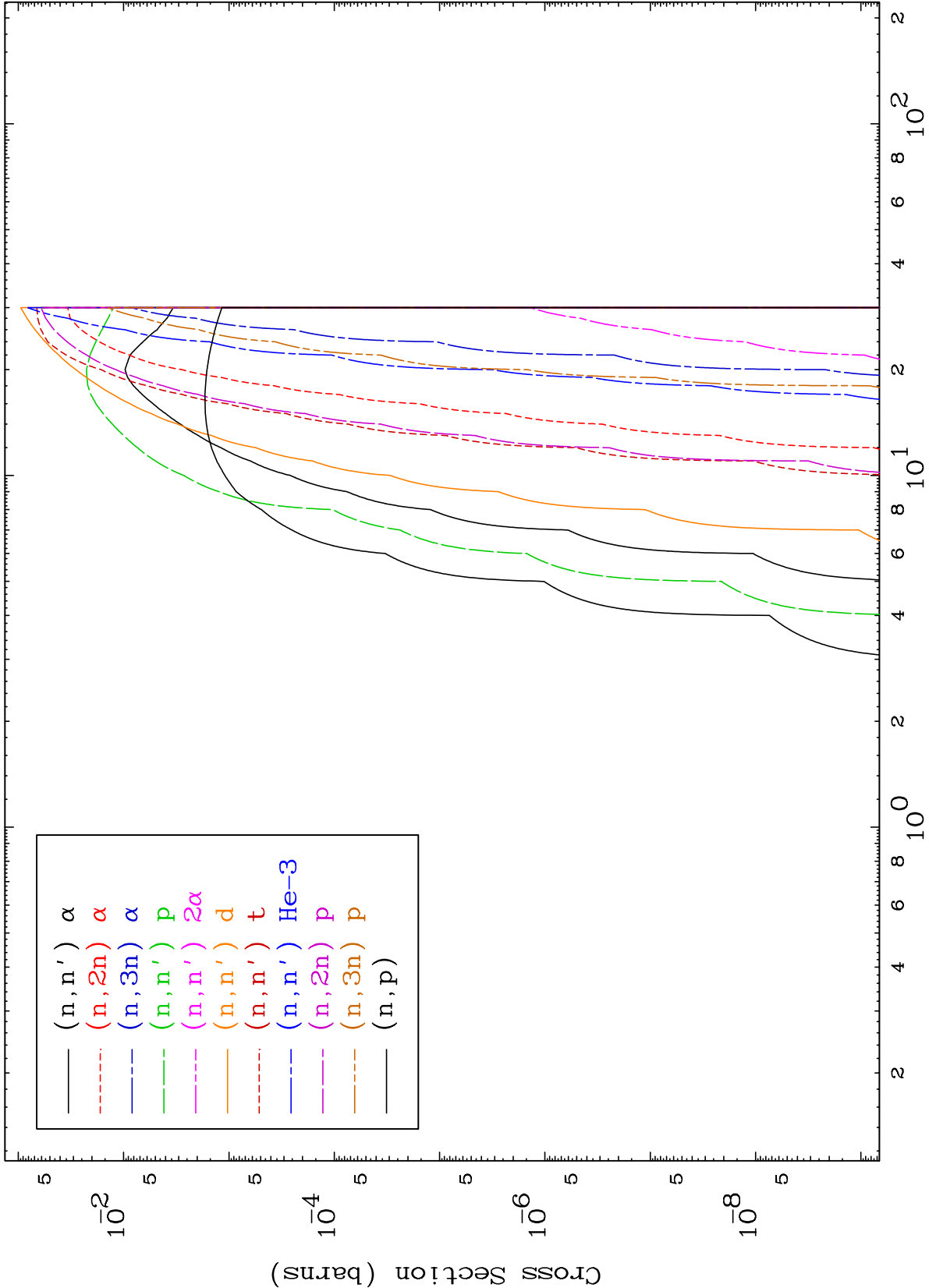


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Triton Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137m

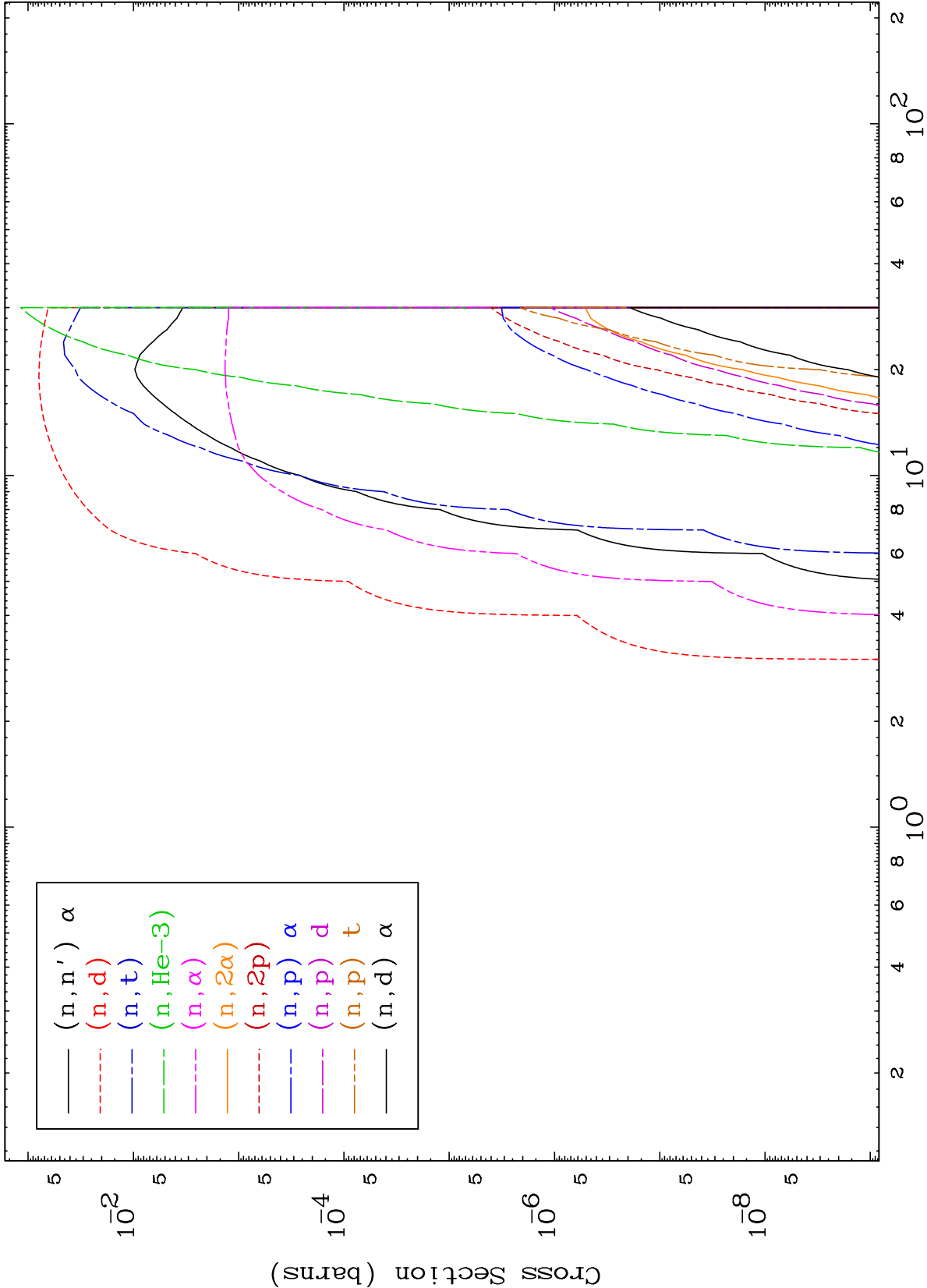




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Triton Charged Particle
0 Kelvin Cross Sections

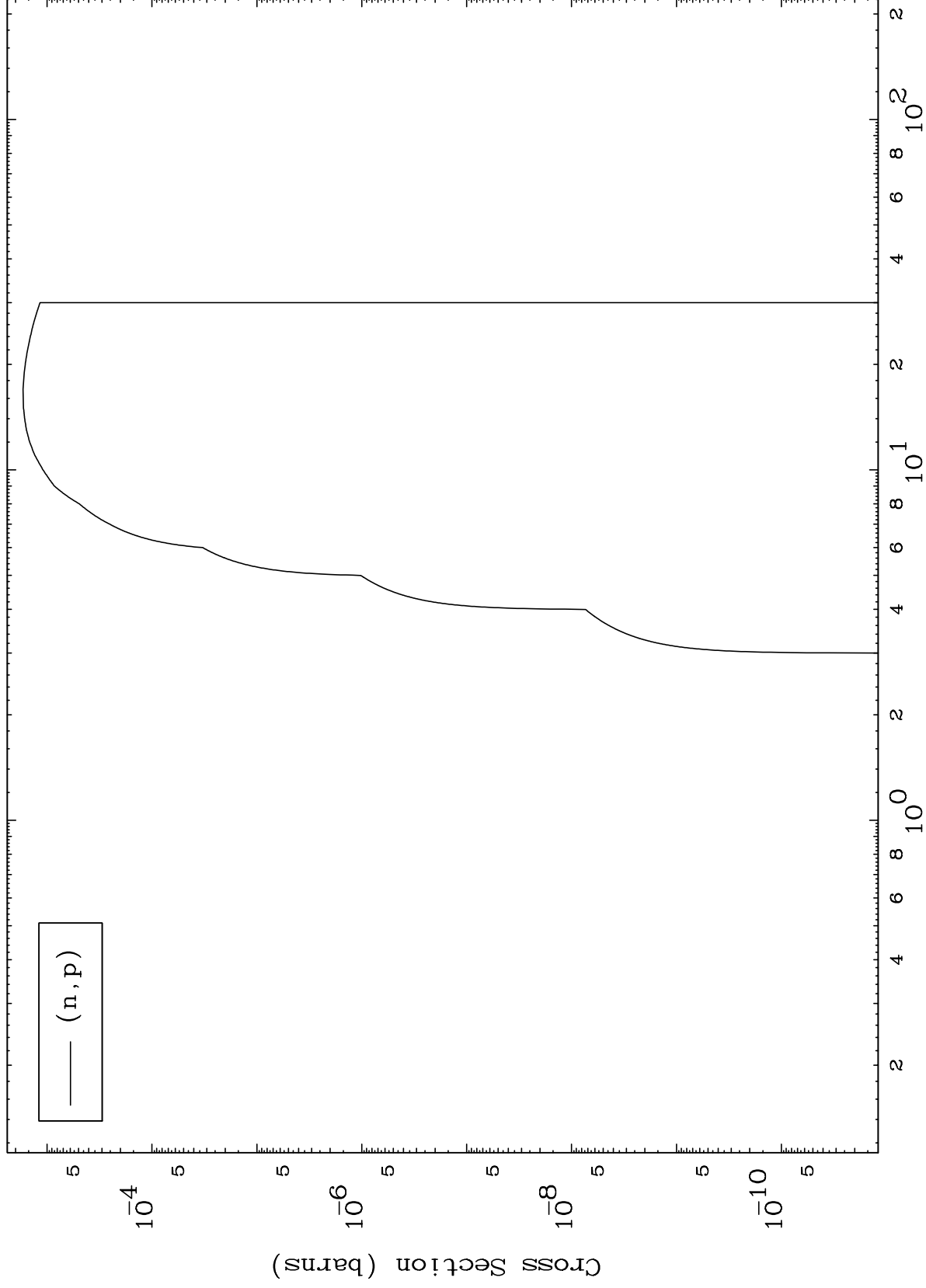
56-Ba-137m



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56-Ba-137m

(t,p) Levels
0 Kelvin Cross Sections



7

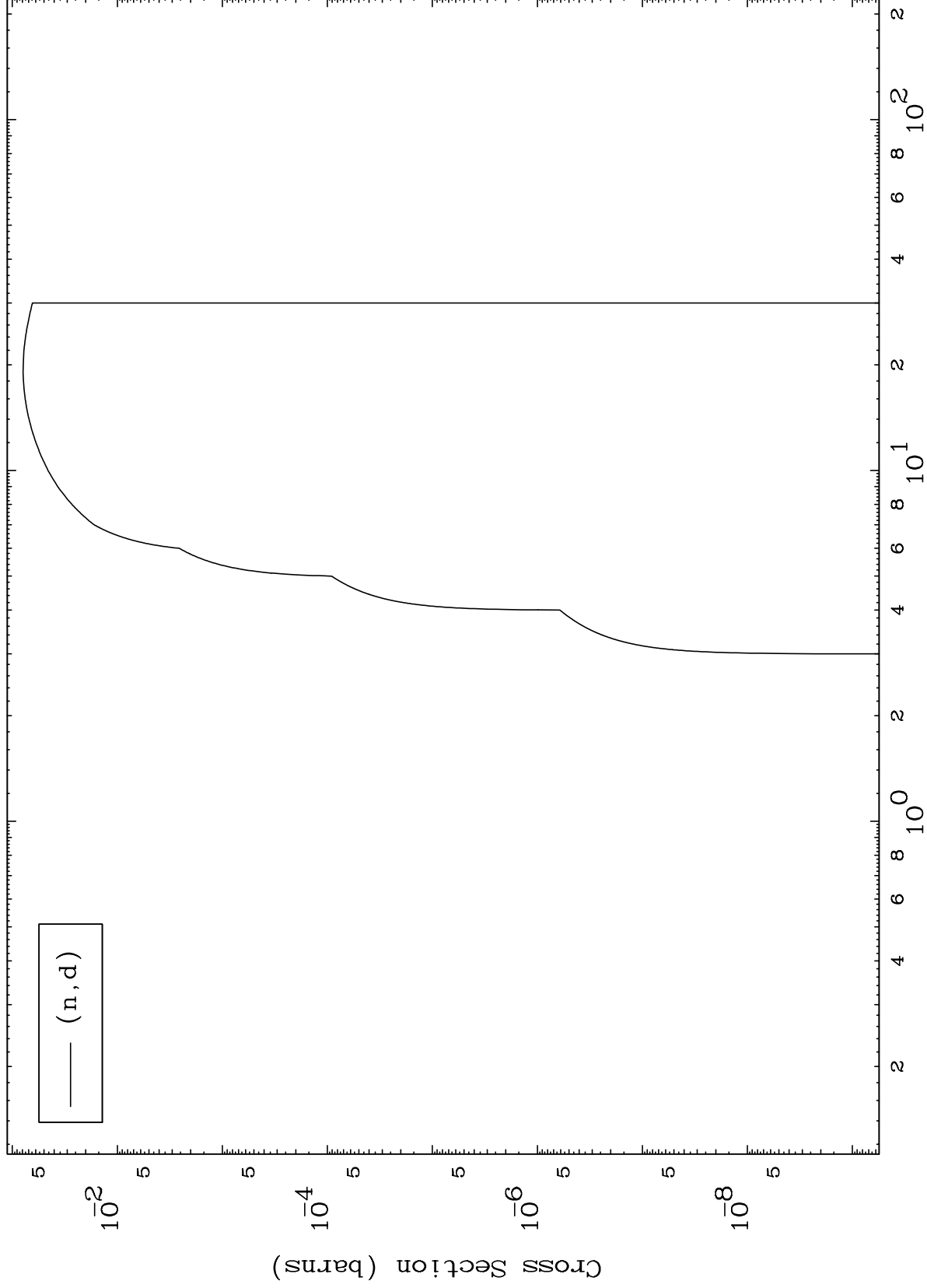
56-Ba-137m

Incident Energy (MeV)

MAT 5647

56-Ba-137m

(t,d) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

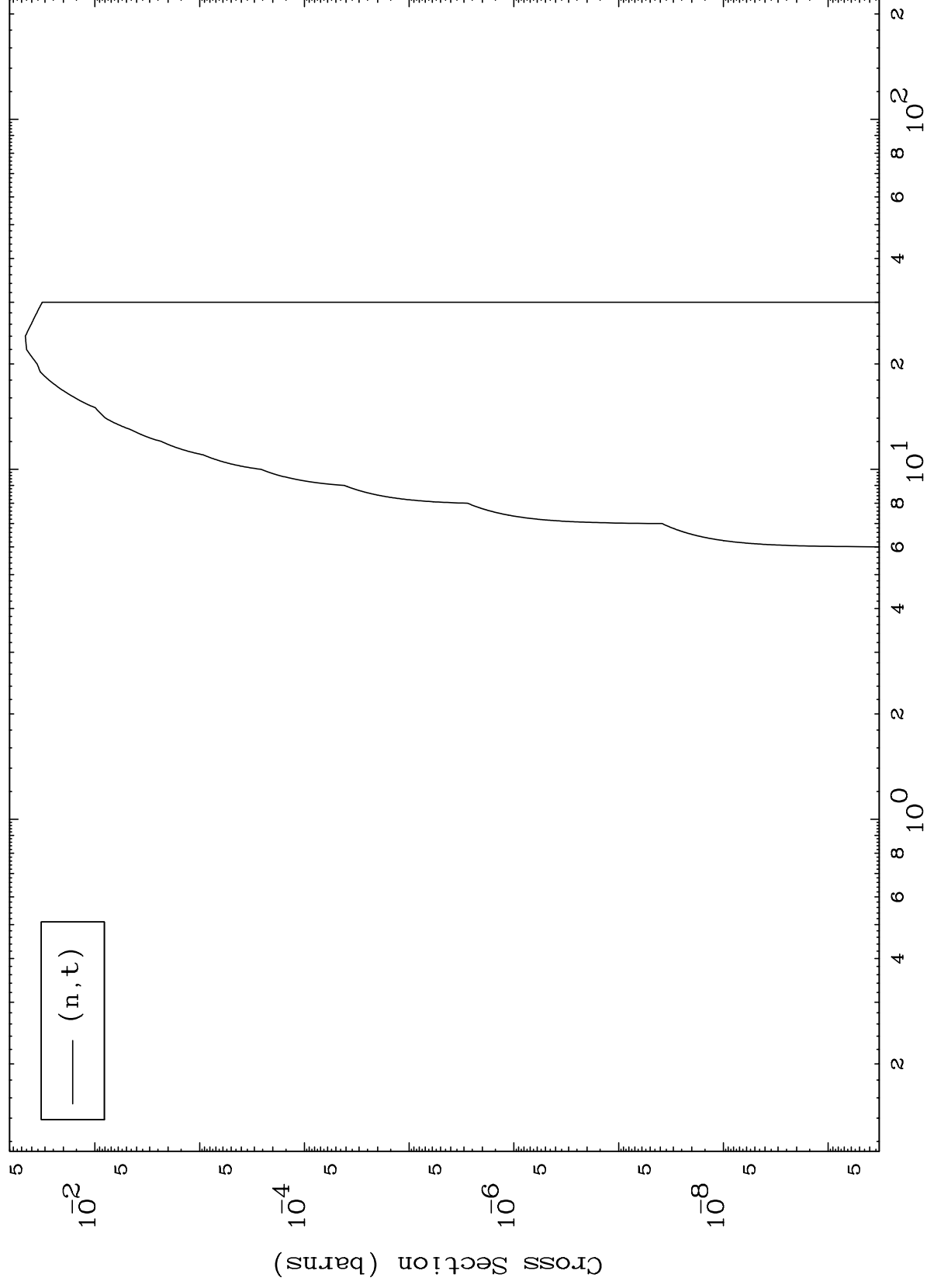
56-Ba-137m

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(t,t) Levels

56-Ba-137m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

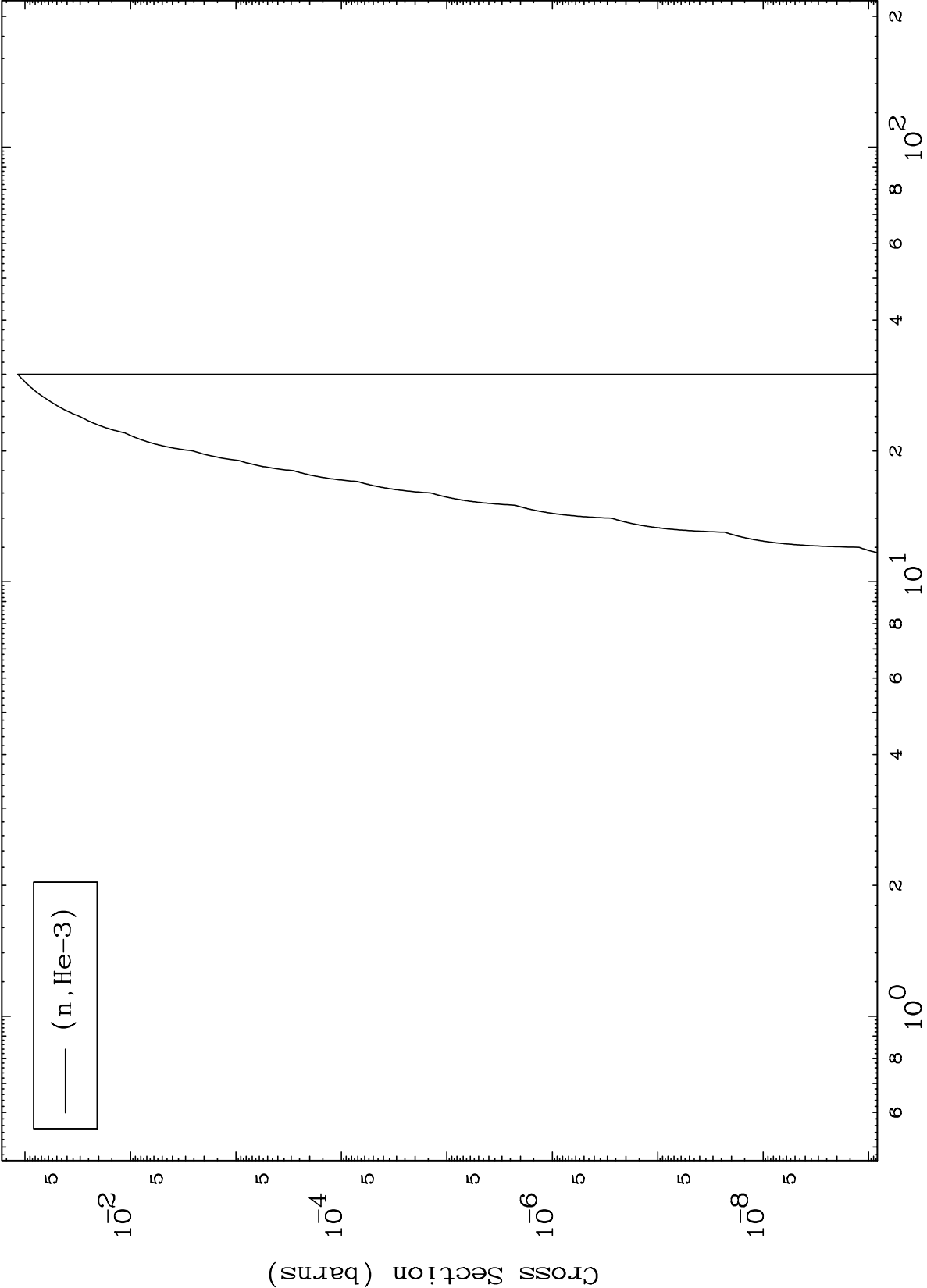
56-Ba-137m

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(t,He3) Levels

56-Ba-137m

0 Kelvin Cross Sections



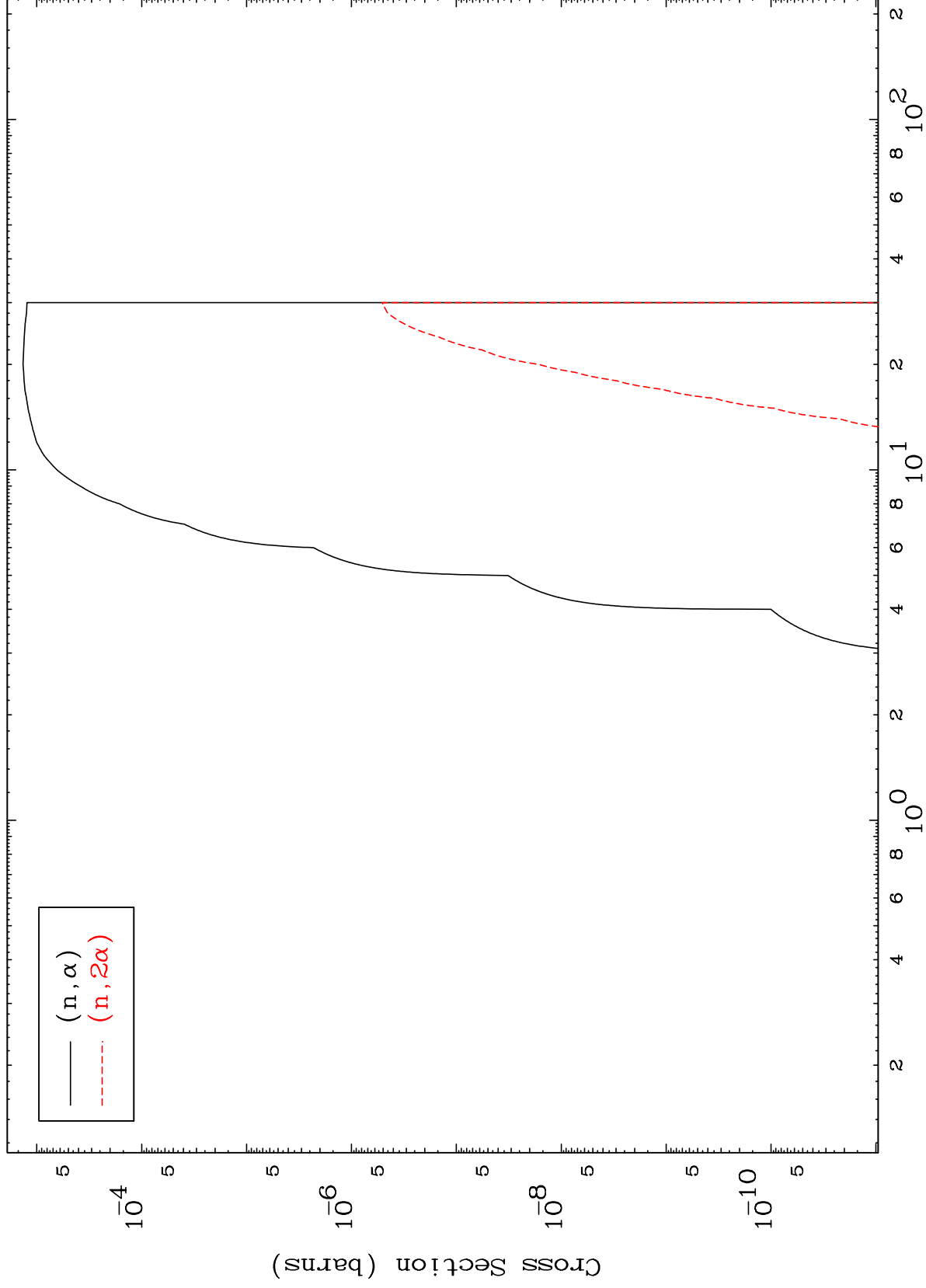
Incident Energy (MeV)

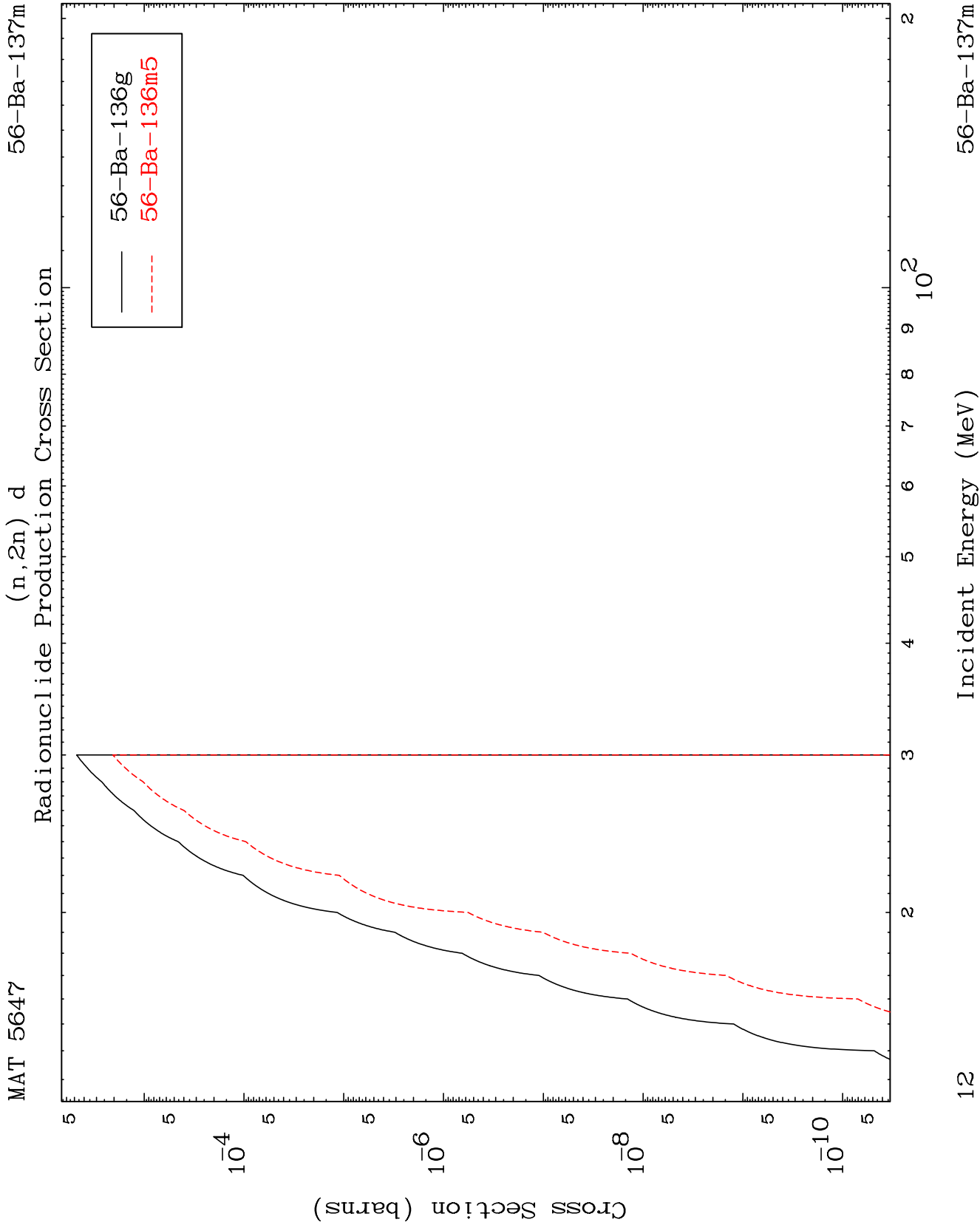
56-Ba-137m

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56-Ba-137m

(t, α) Levels
0 Kelvin Cross Sections



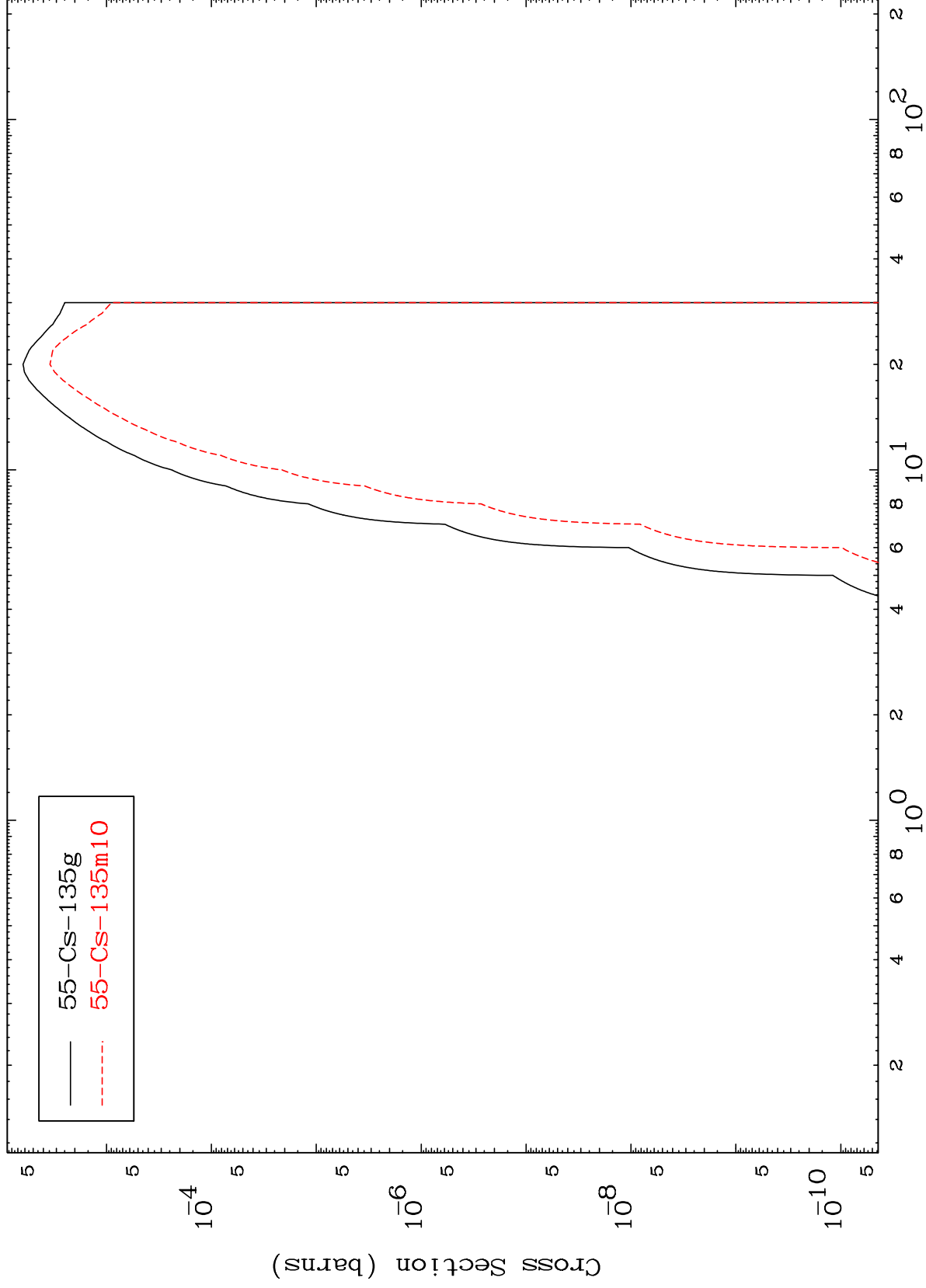


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$(n,n') \alpha$

56-Ba-137m

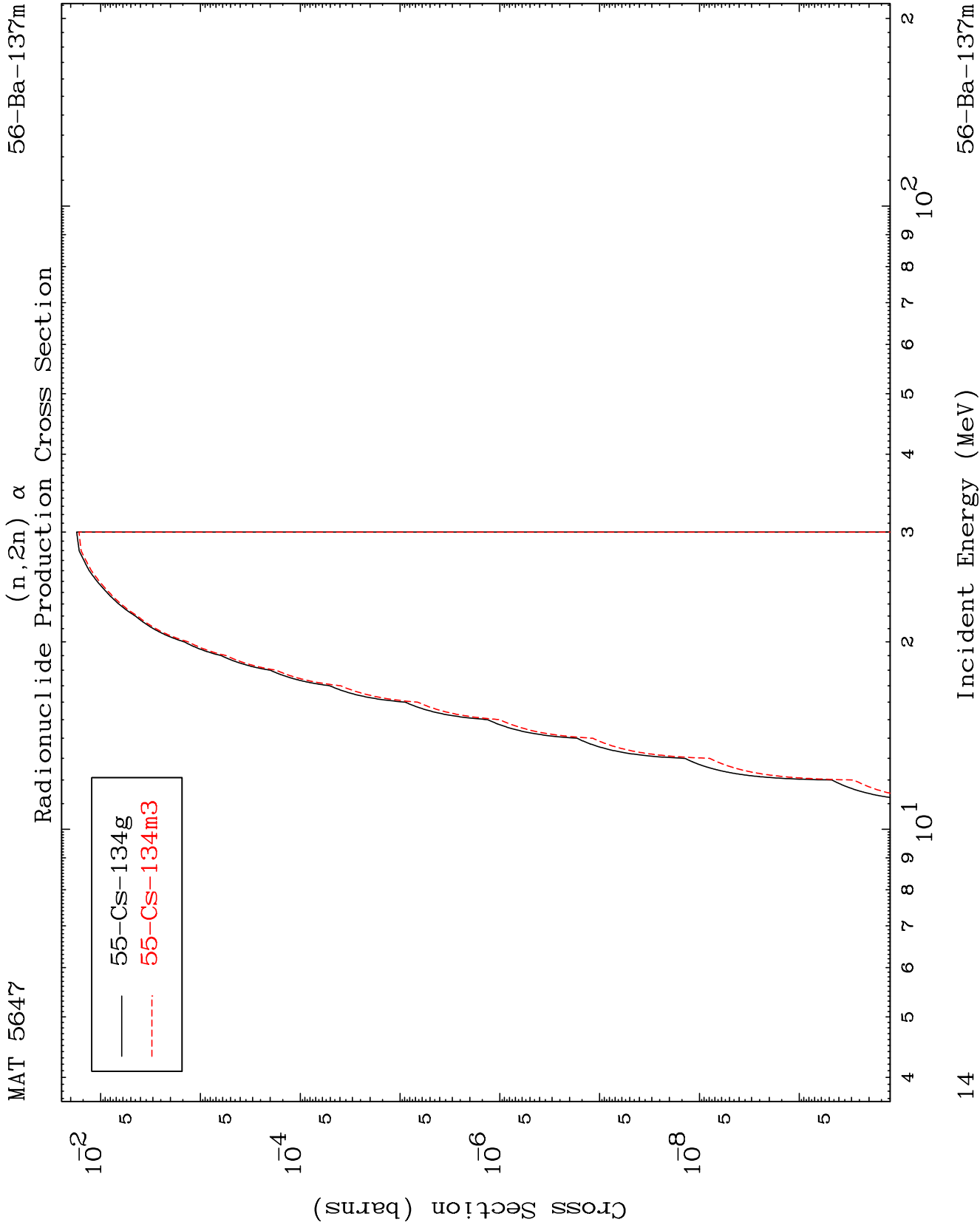
Radionuclide Production Cross Section



13

Incident Energy (MeV)

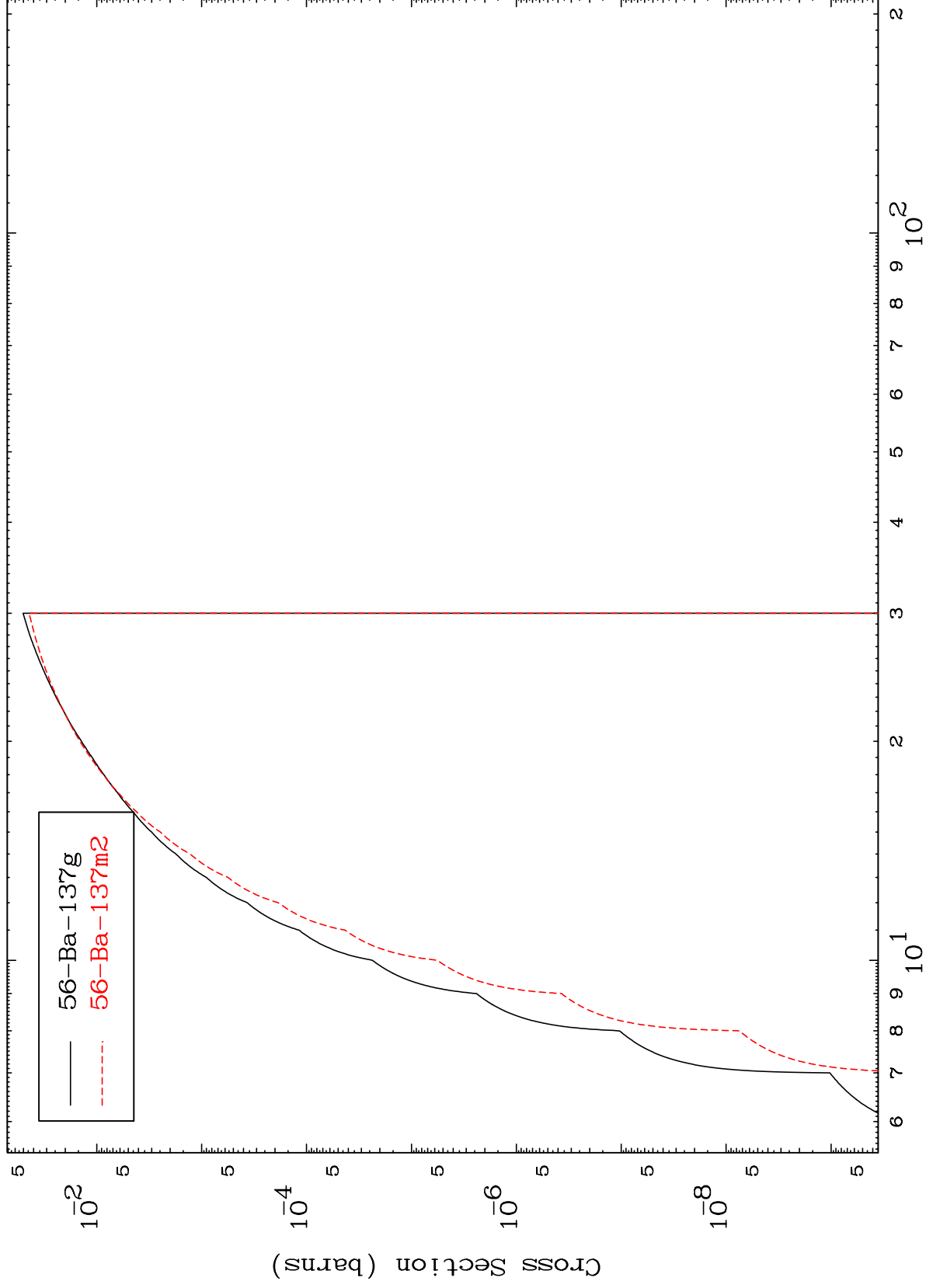
56-Ba-137m



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56-Ba-137m

(n,n') d
Radionuclide Production Cross Section



56-Ba-137m

Incident Energy (MeV)

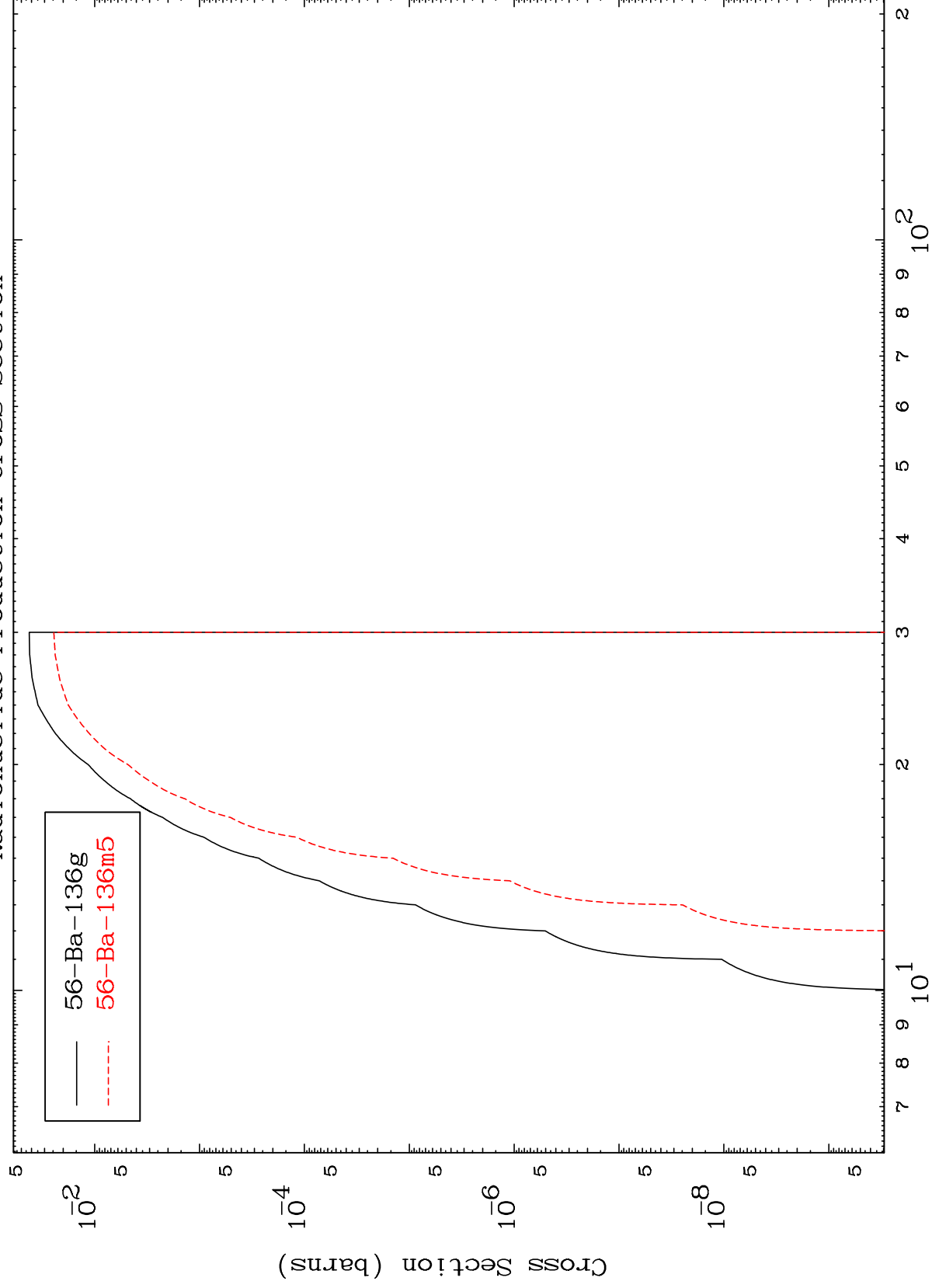
15

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(n,n') t

56-Ba-137m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

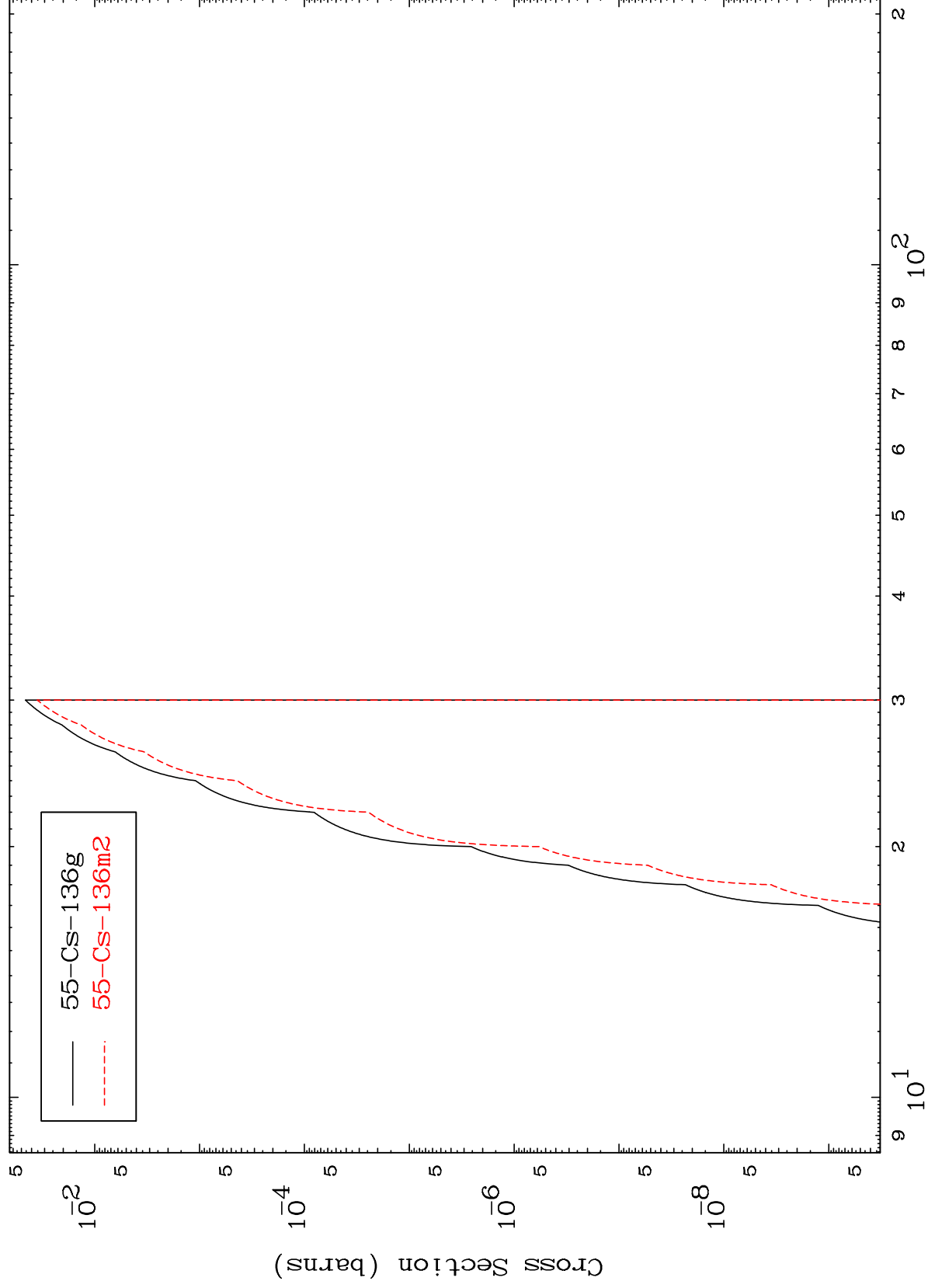
56-Ba-137m

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(n,n') He-3

56-Ba-137m

Radionuclide Production Cross Section



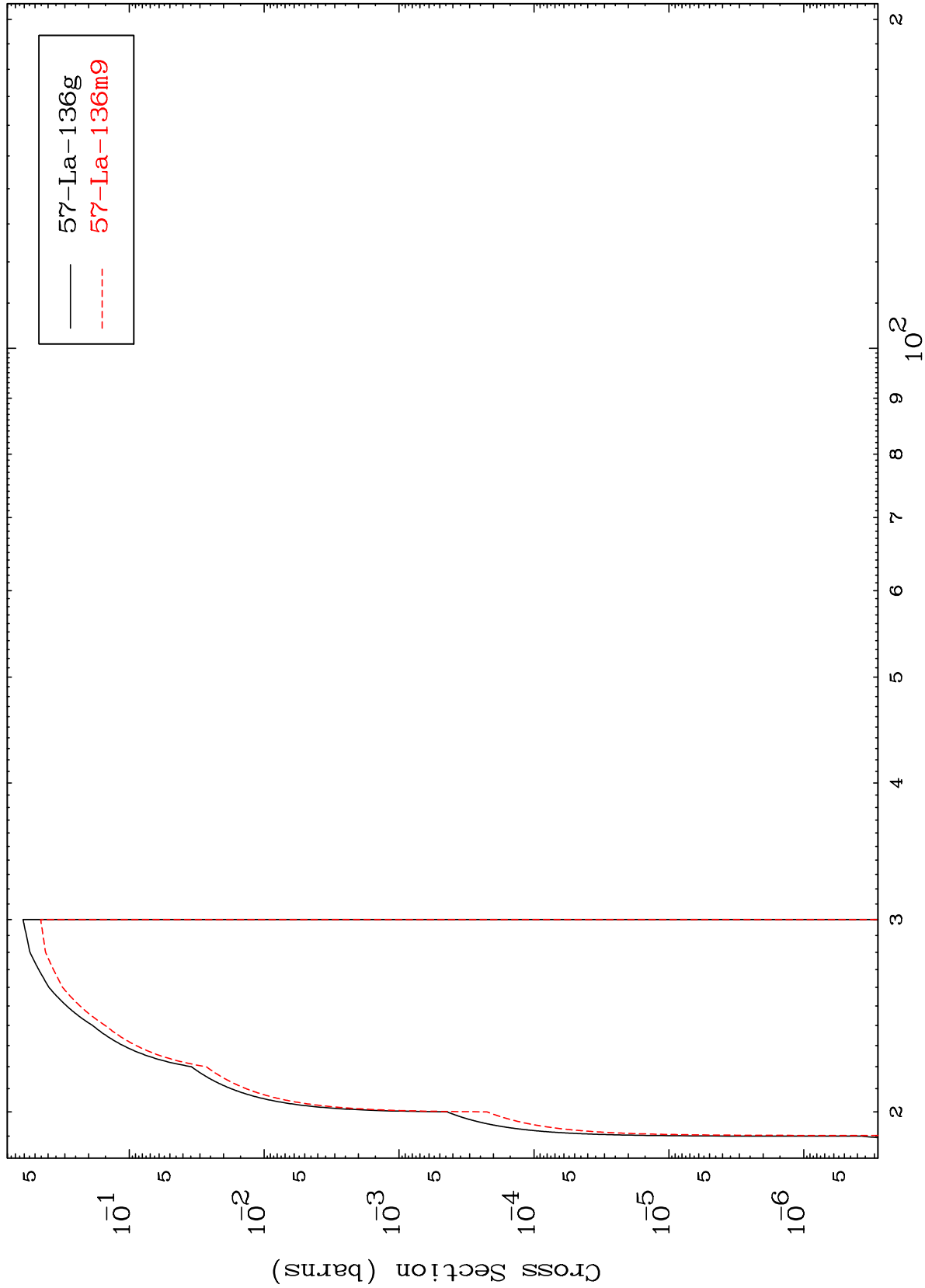
Incident Energy (MeV)

56-Ba-137m

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56-Ba-137m

$(n,4n)$
Radionuclide Production Cross Section



18

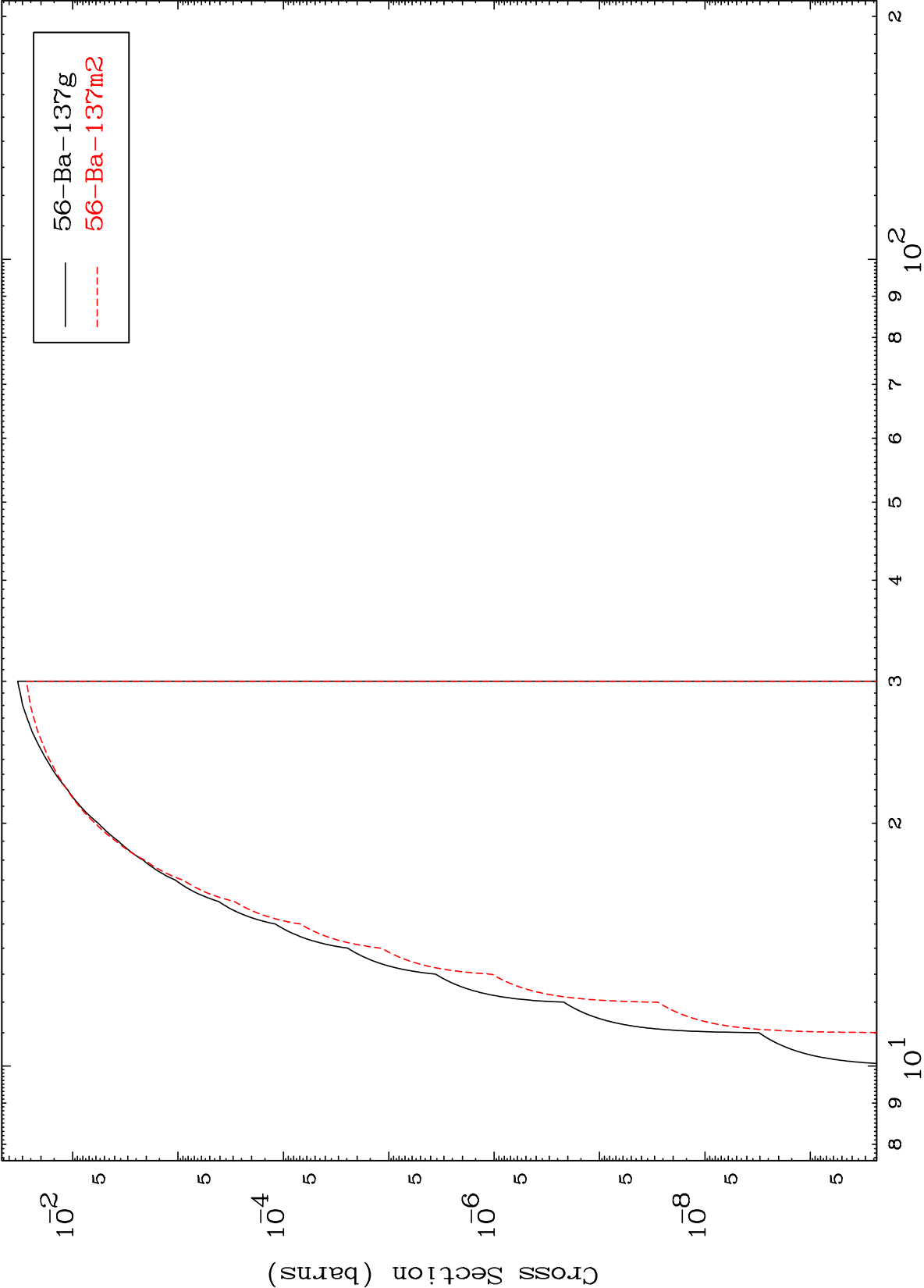
Incident Energy (MeV)

56-Ba-137m

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56-Ba-137m

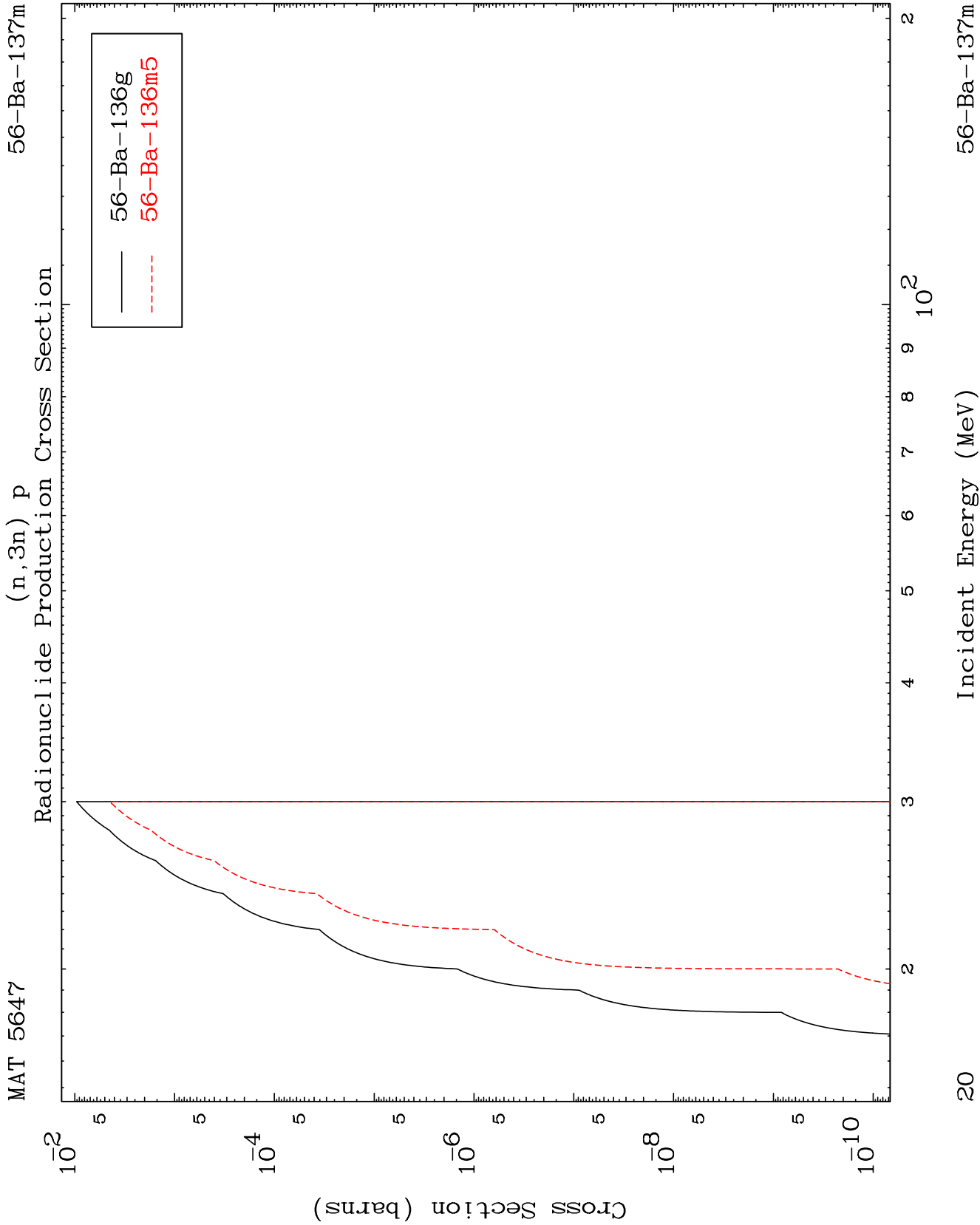
(n,2n) p
Radionuclide Production Cross Section



56-Ba-137m

Incident Energy (MeV)

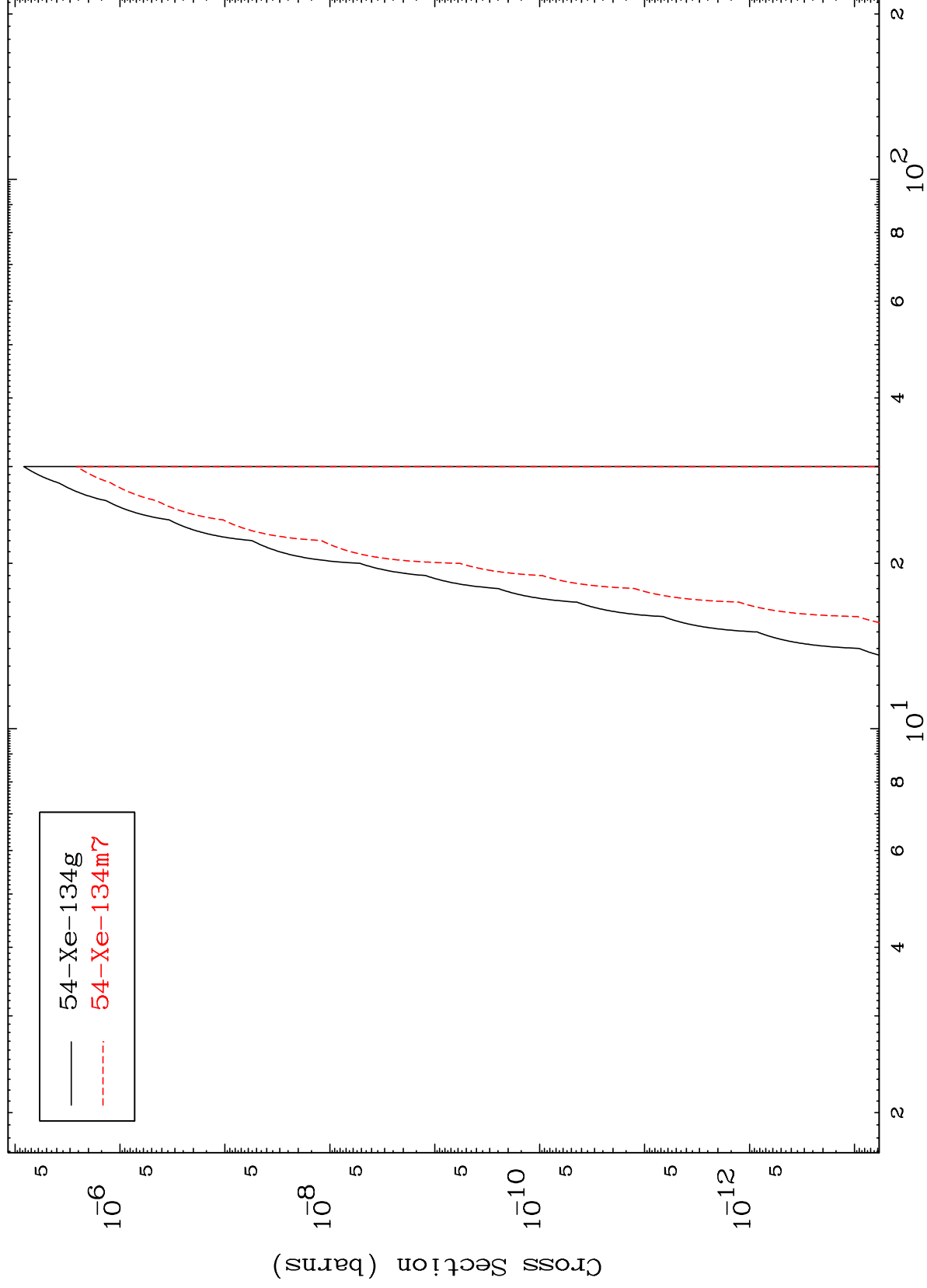
19



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56-Ba-137m

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

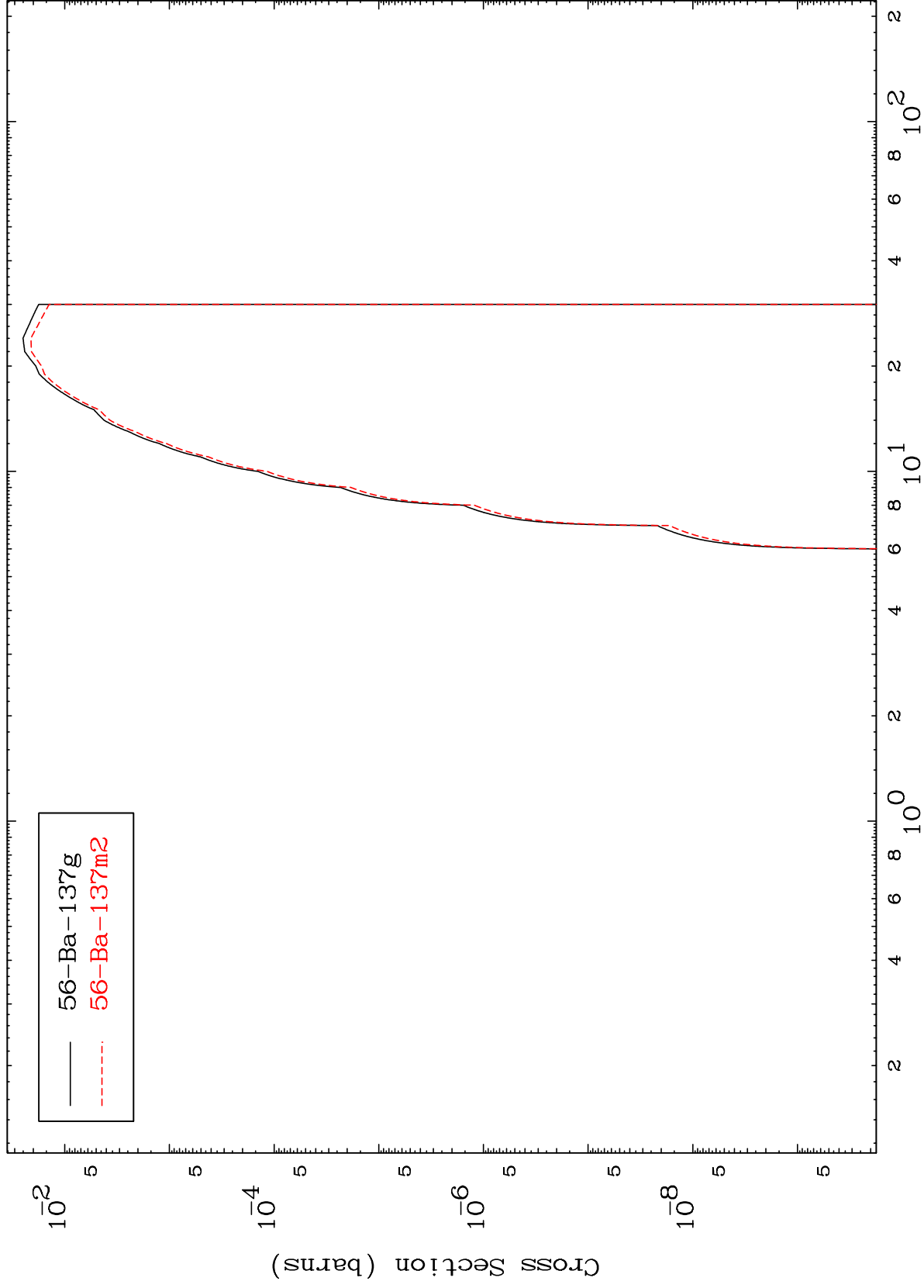


21

Incident Energy (MeV)

56-Ba-137m

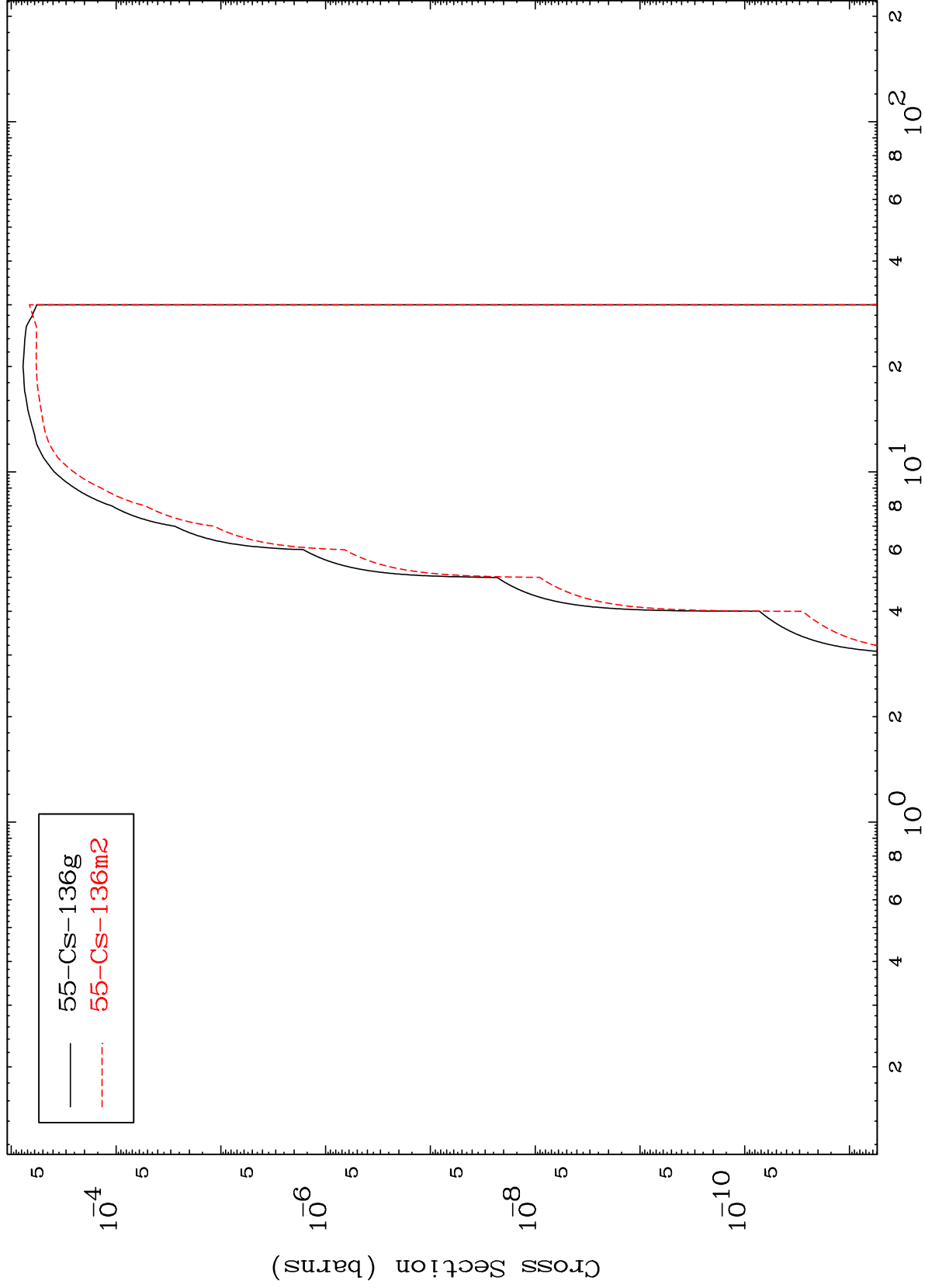
Radionuclide Production Cross Section (n,t)



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56-Ba-137m

Radionuclide Production Cross Section
(n, α)



23

Incident Energy (MeV)

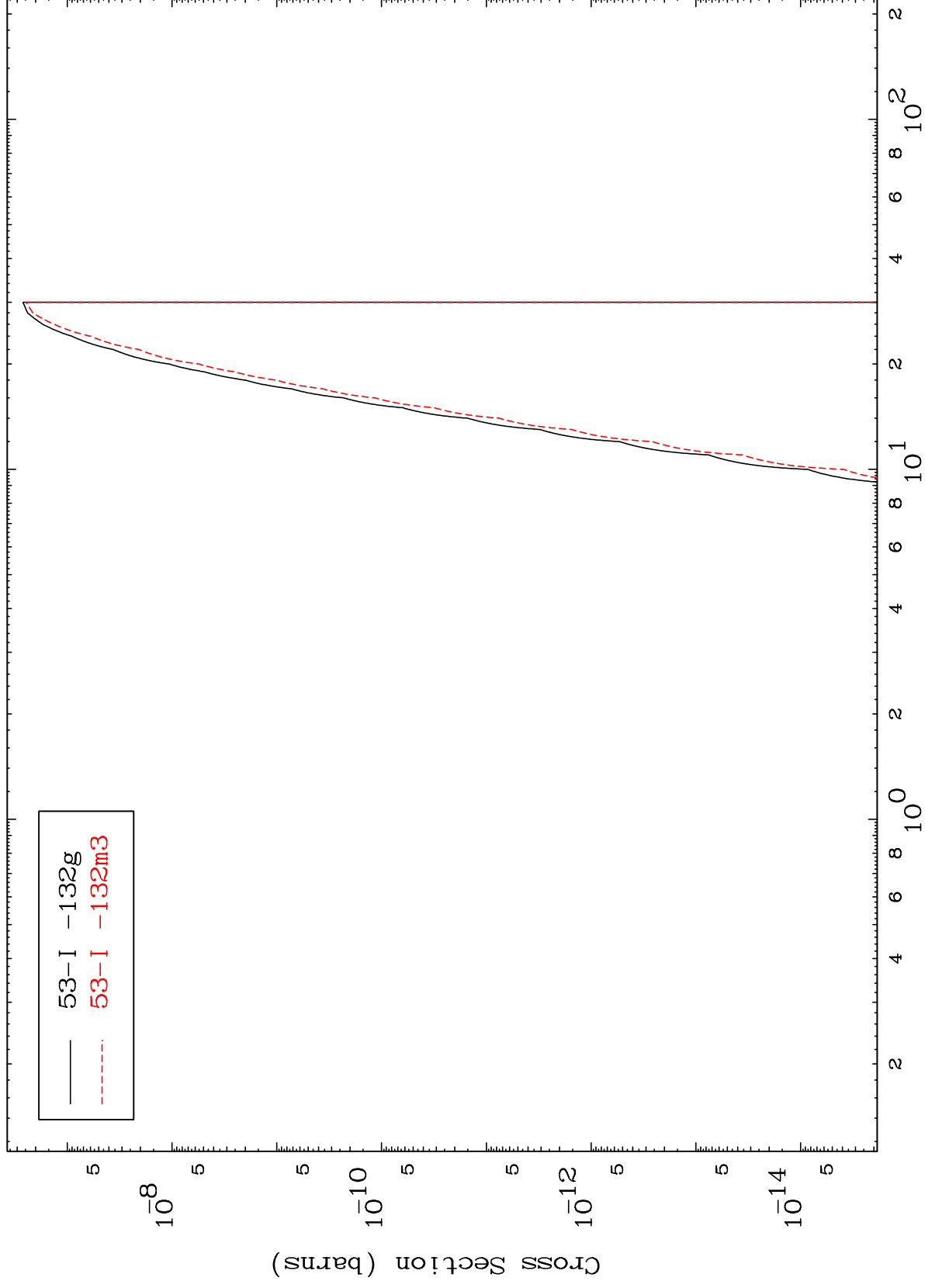
56-Ba-137m

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(n,2α)

56-Ba-137m

Radionuclide Production Cross Section



24

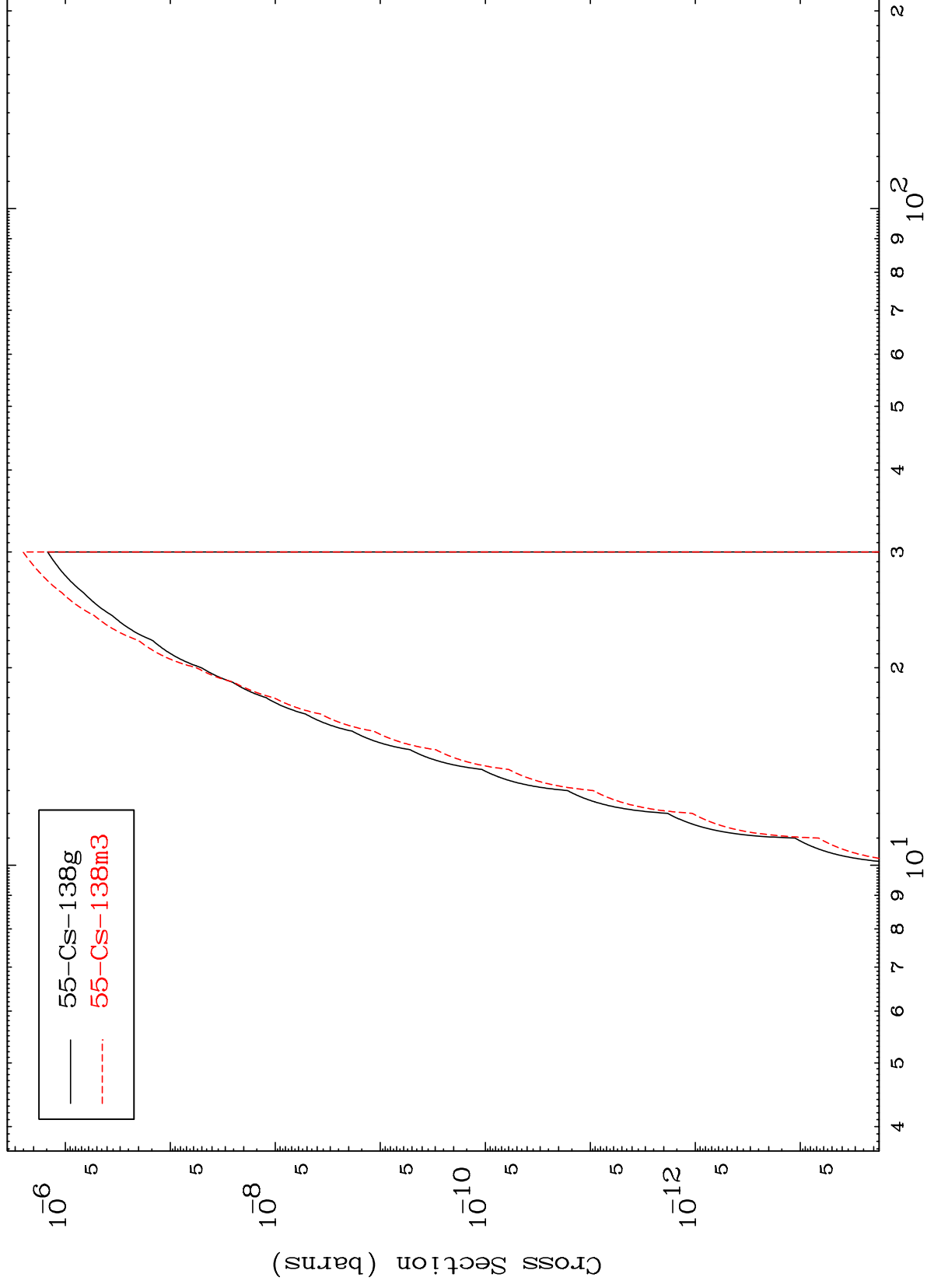
Incident Energy (MeV)

56-Ba-137m

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56-Ba-137m

(n,2p)
Radionuclide Production Cross Section

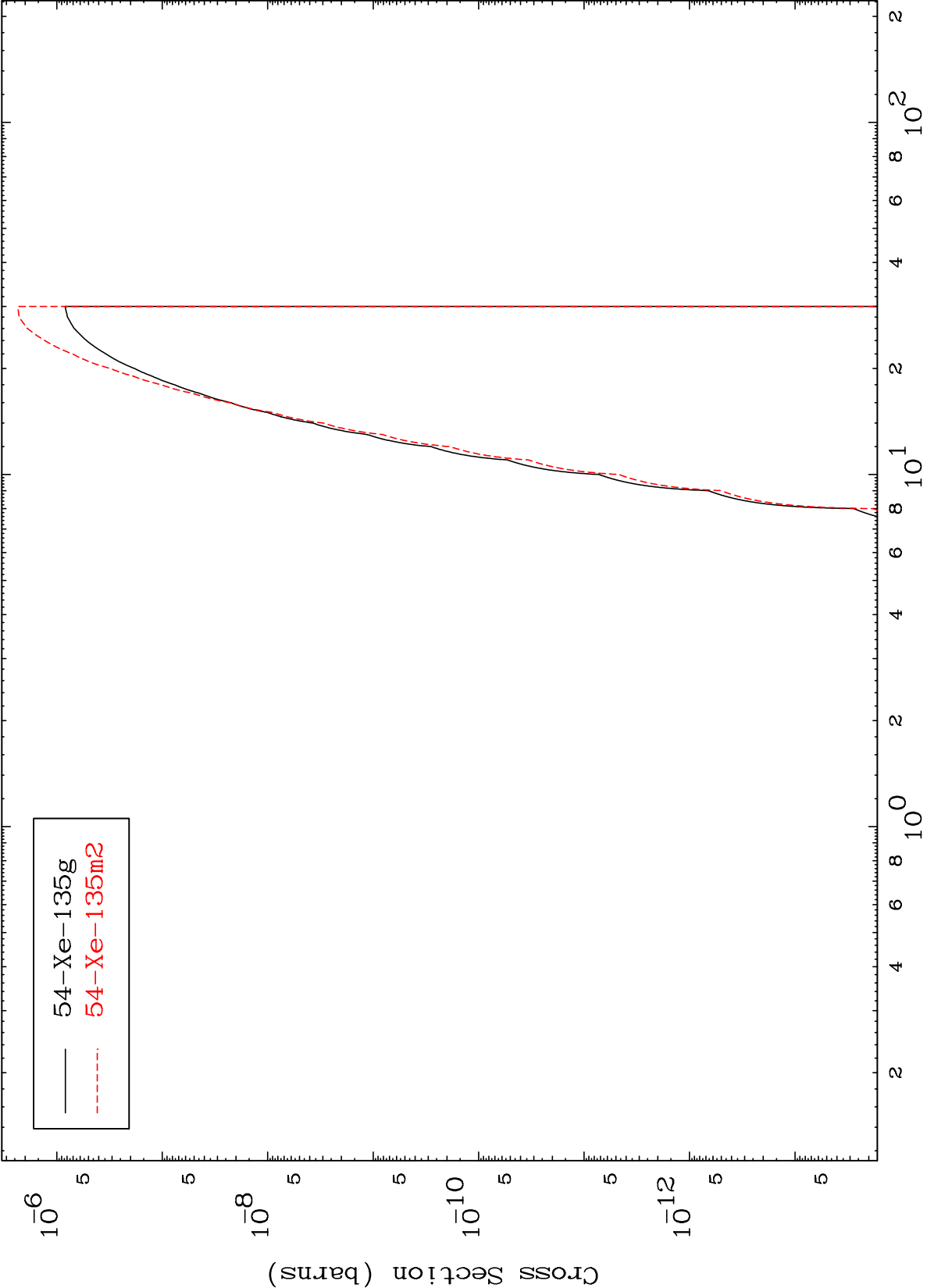


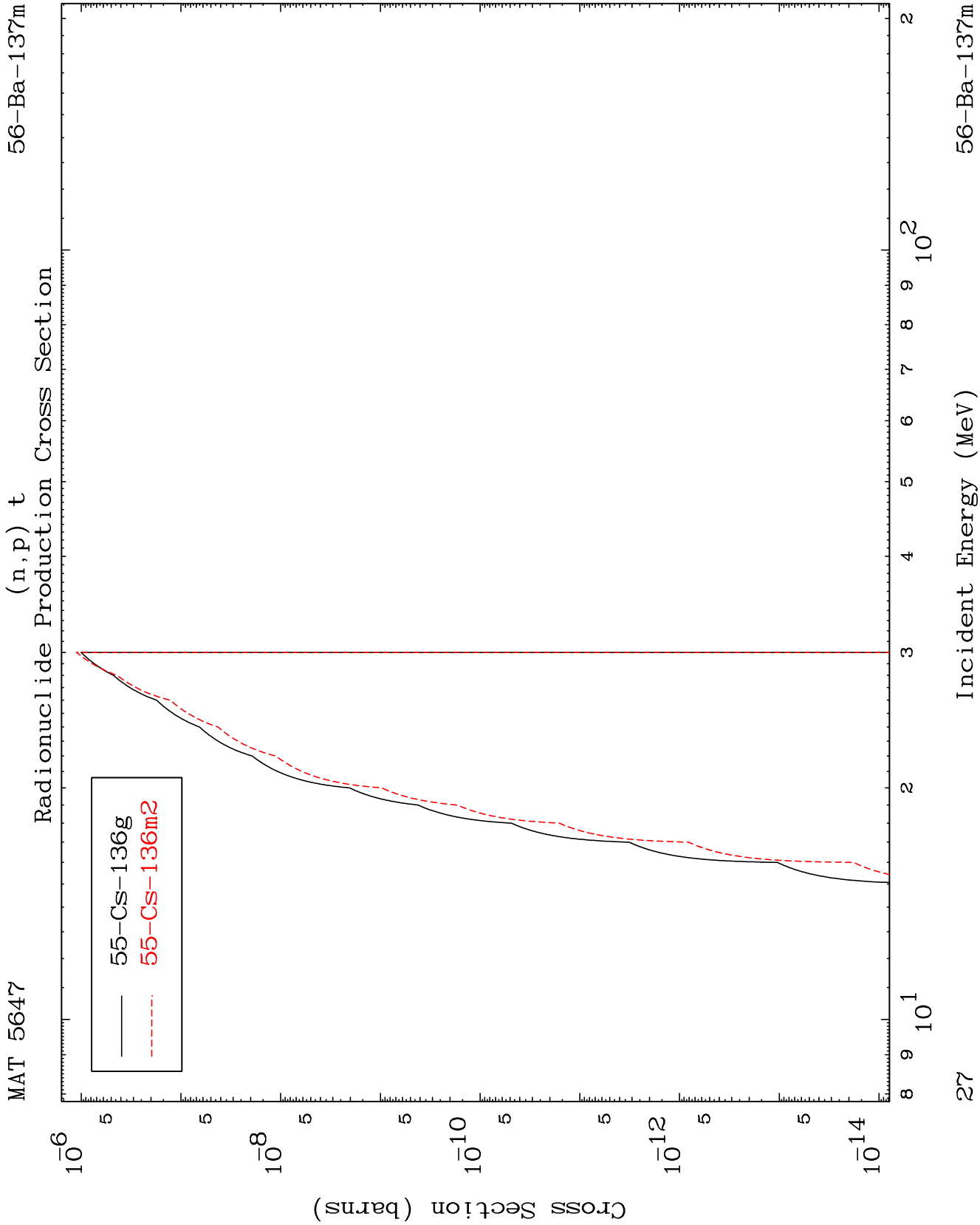
25

Incident Energy (MeV)

56-Ba-137m

Radionuclide Production Cross Section

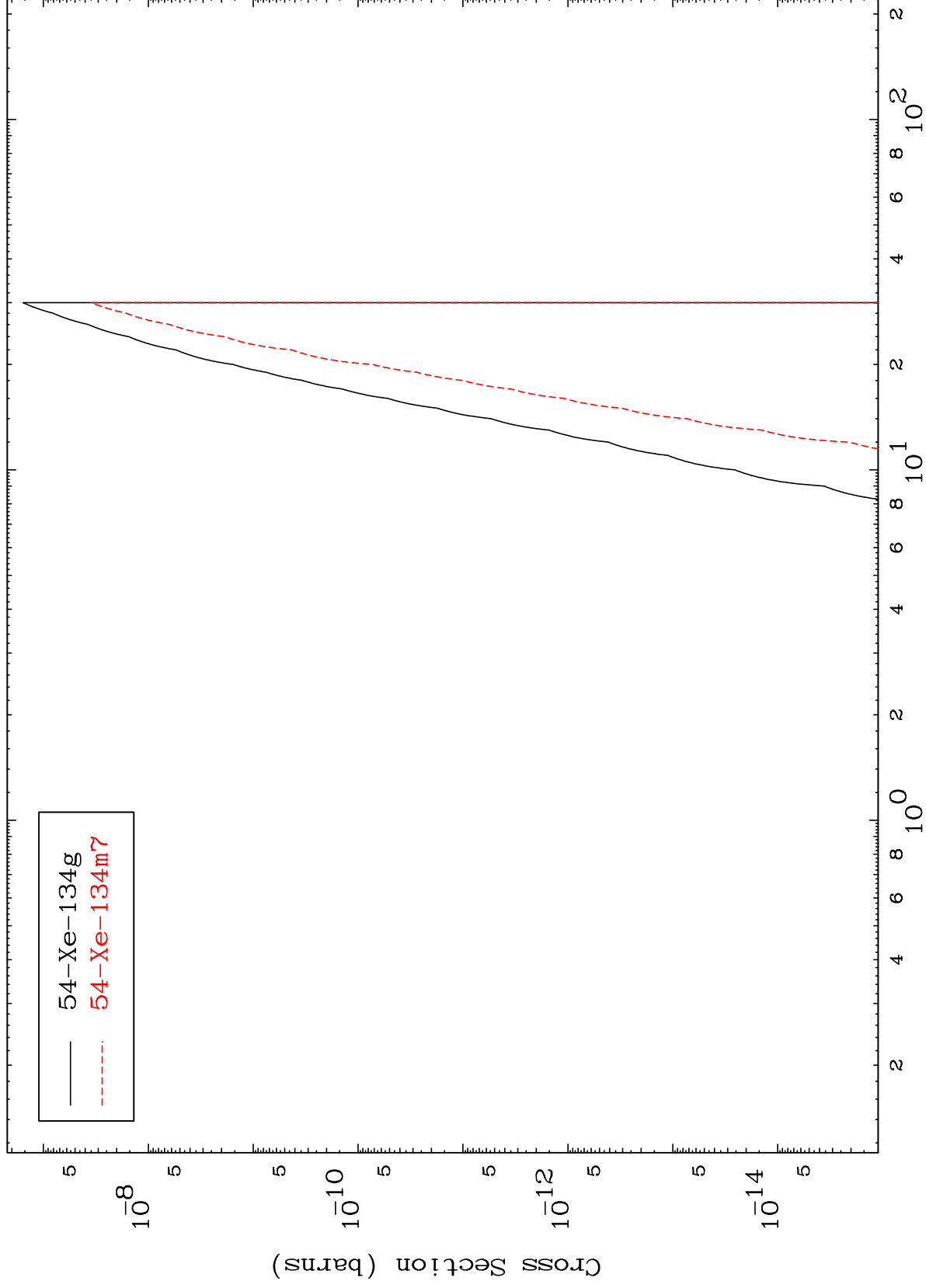




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56-Ba-137m

(n,d) α
Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-137m