

Program EVALPLOT
(Version 2021-1)

by

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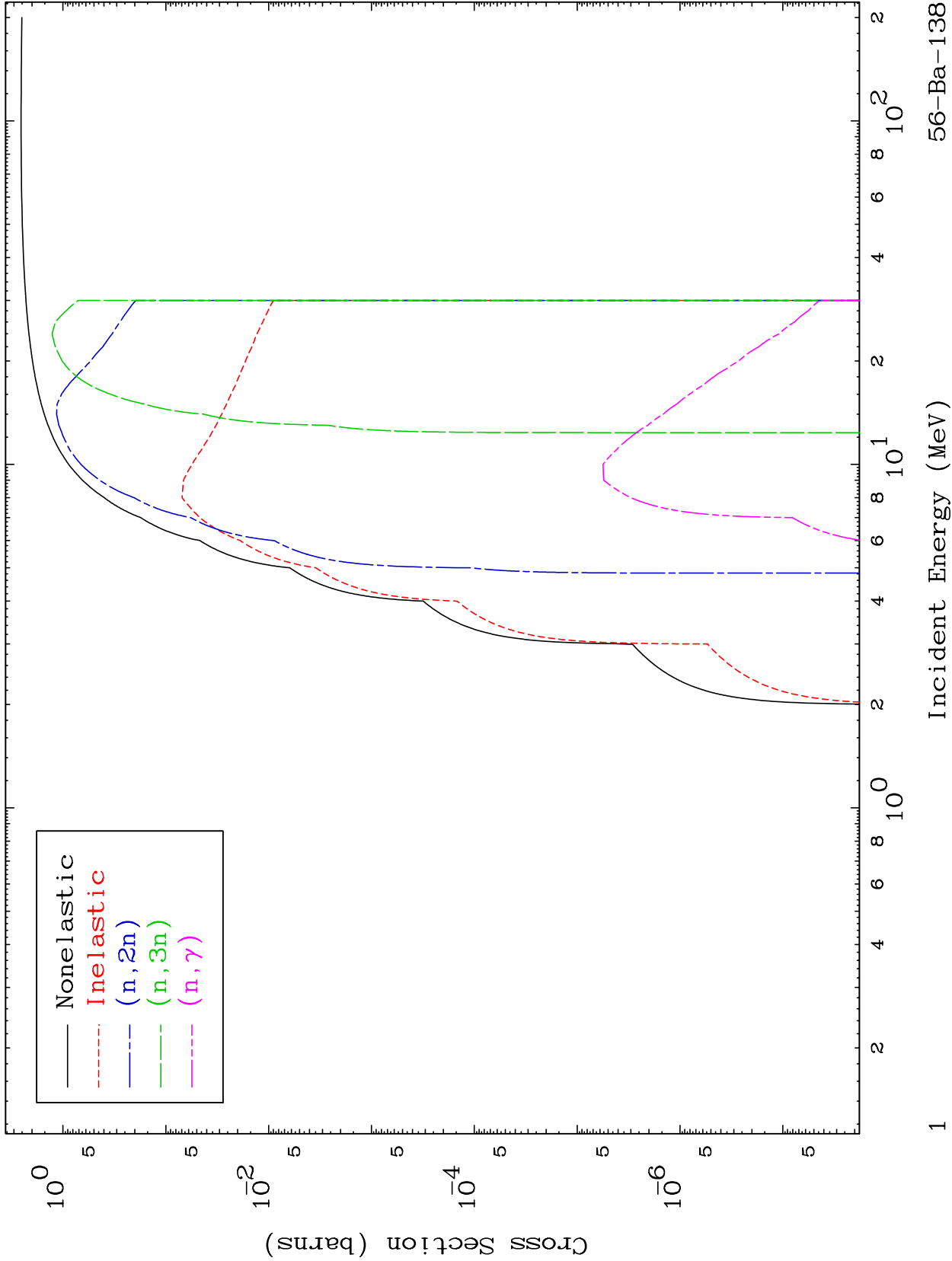
Press Mouse Button to Start

MAT 5649

Deuteron Major

56-Ba-138

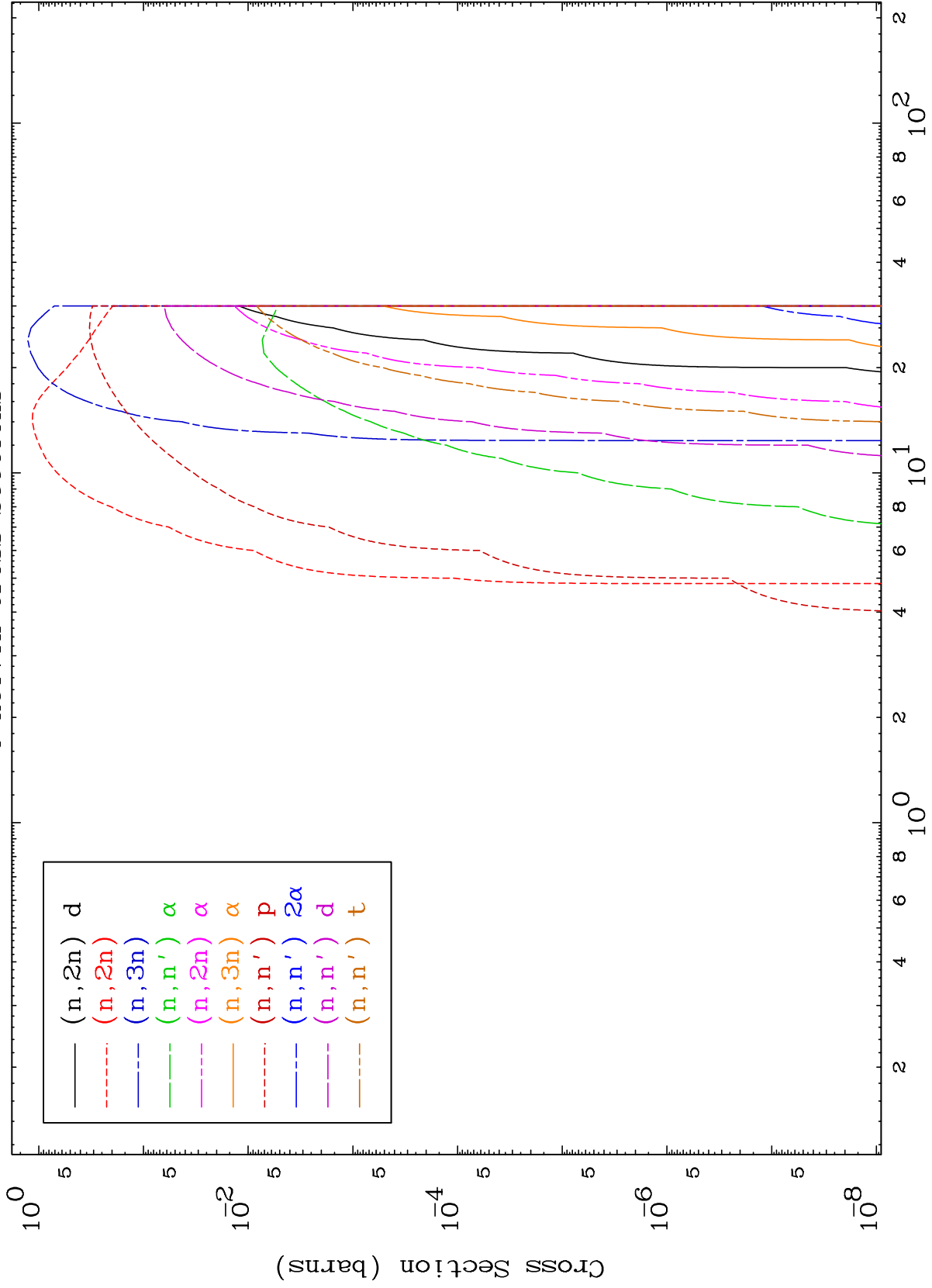
0 Kelvin Cross Sections



MAT 5649

Deuteron Neutron Absorption
0 Kelvin Cross Sections

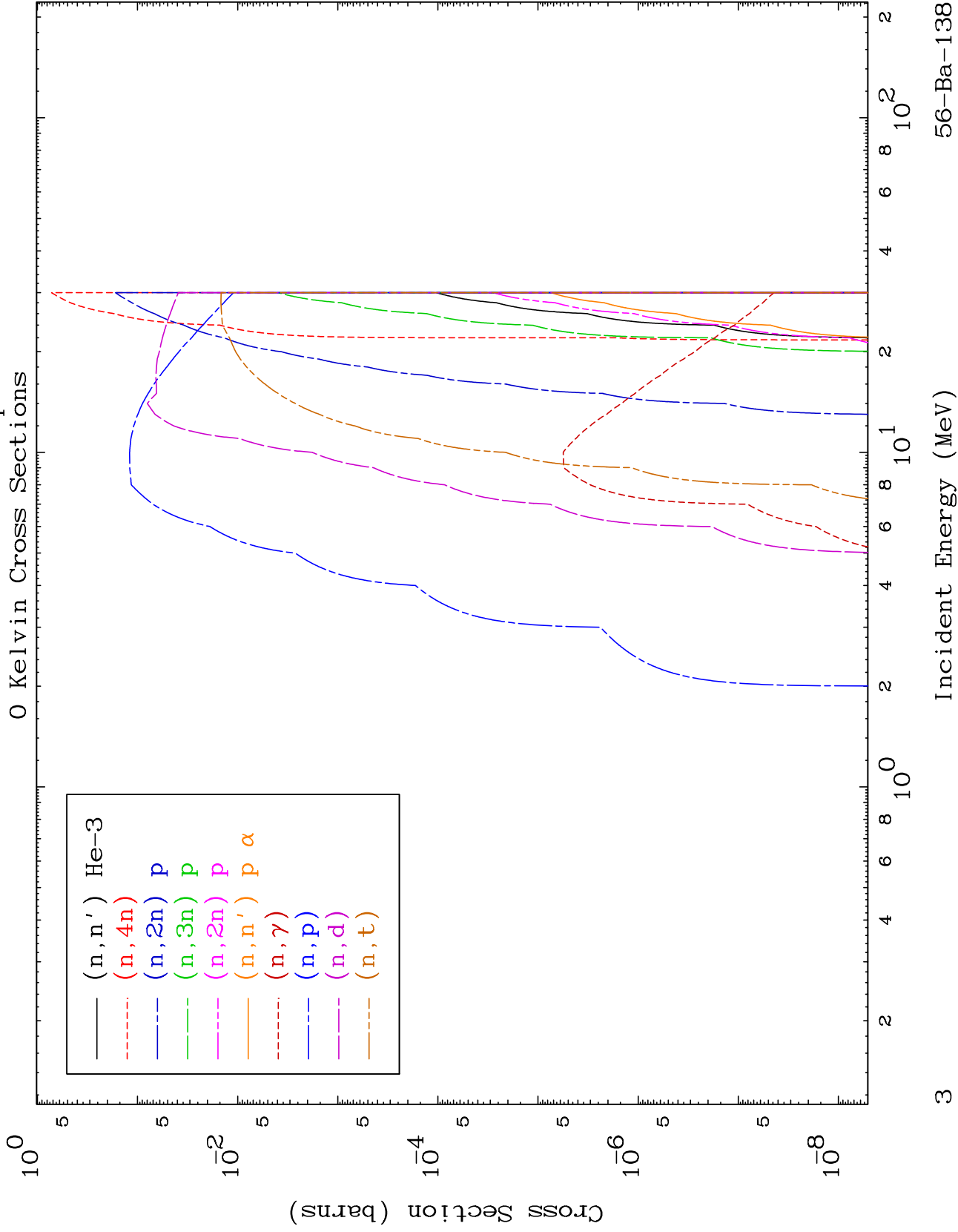
56-Ba-138



MAT 5649

Deuteron Neutron Absorption
0 Kelvin Cross Sections

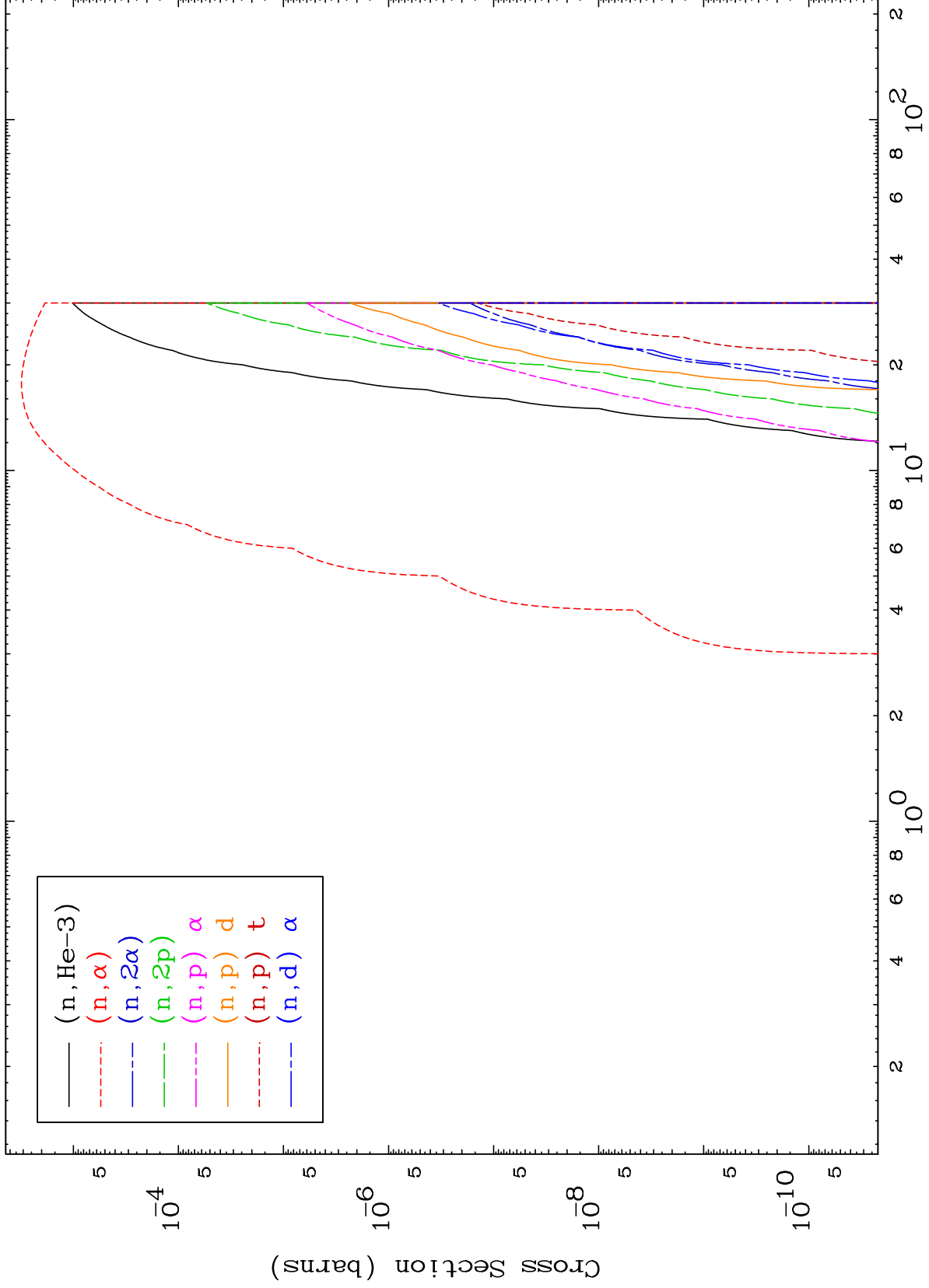
56-Ba-138

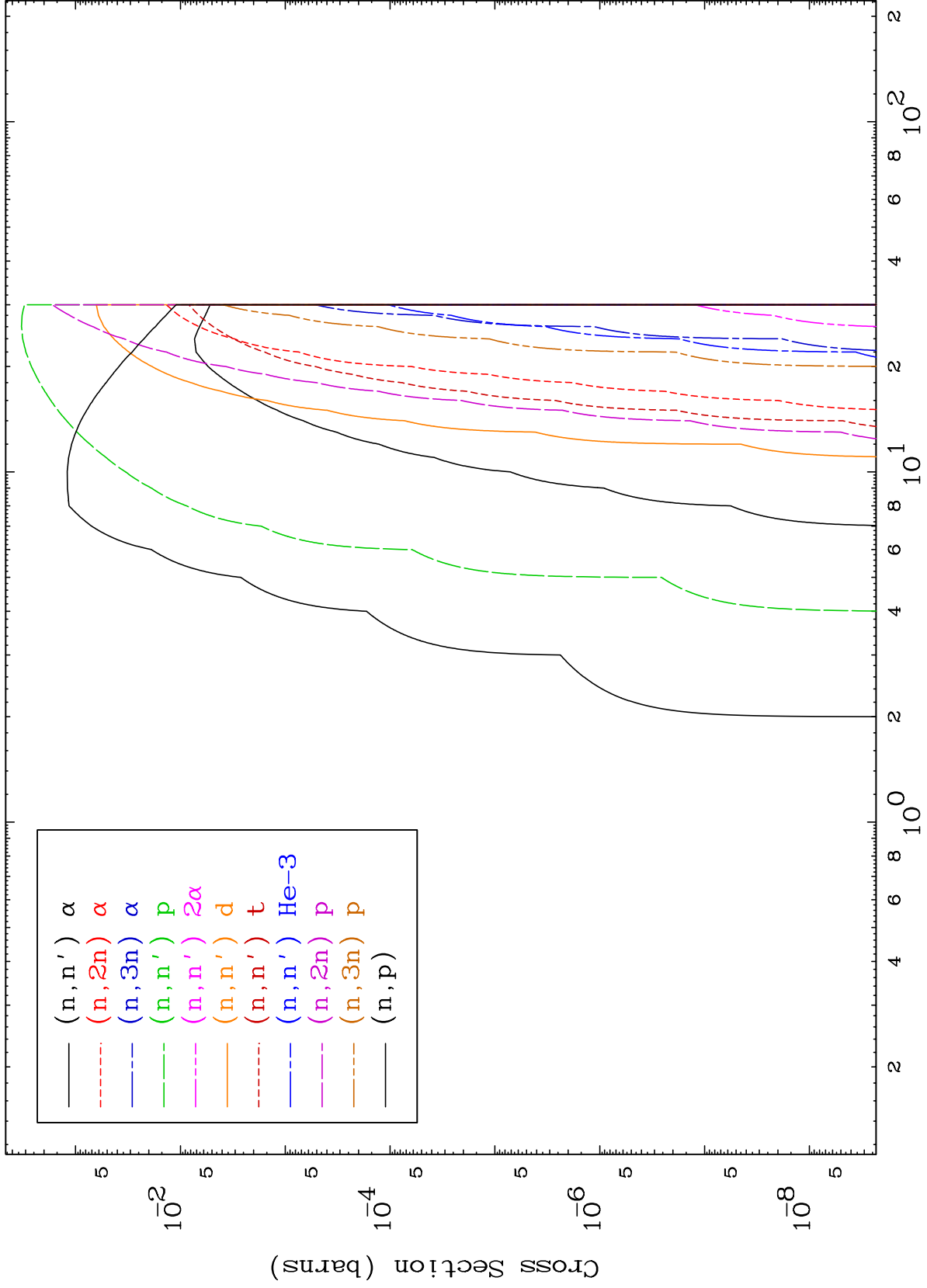


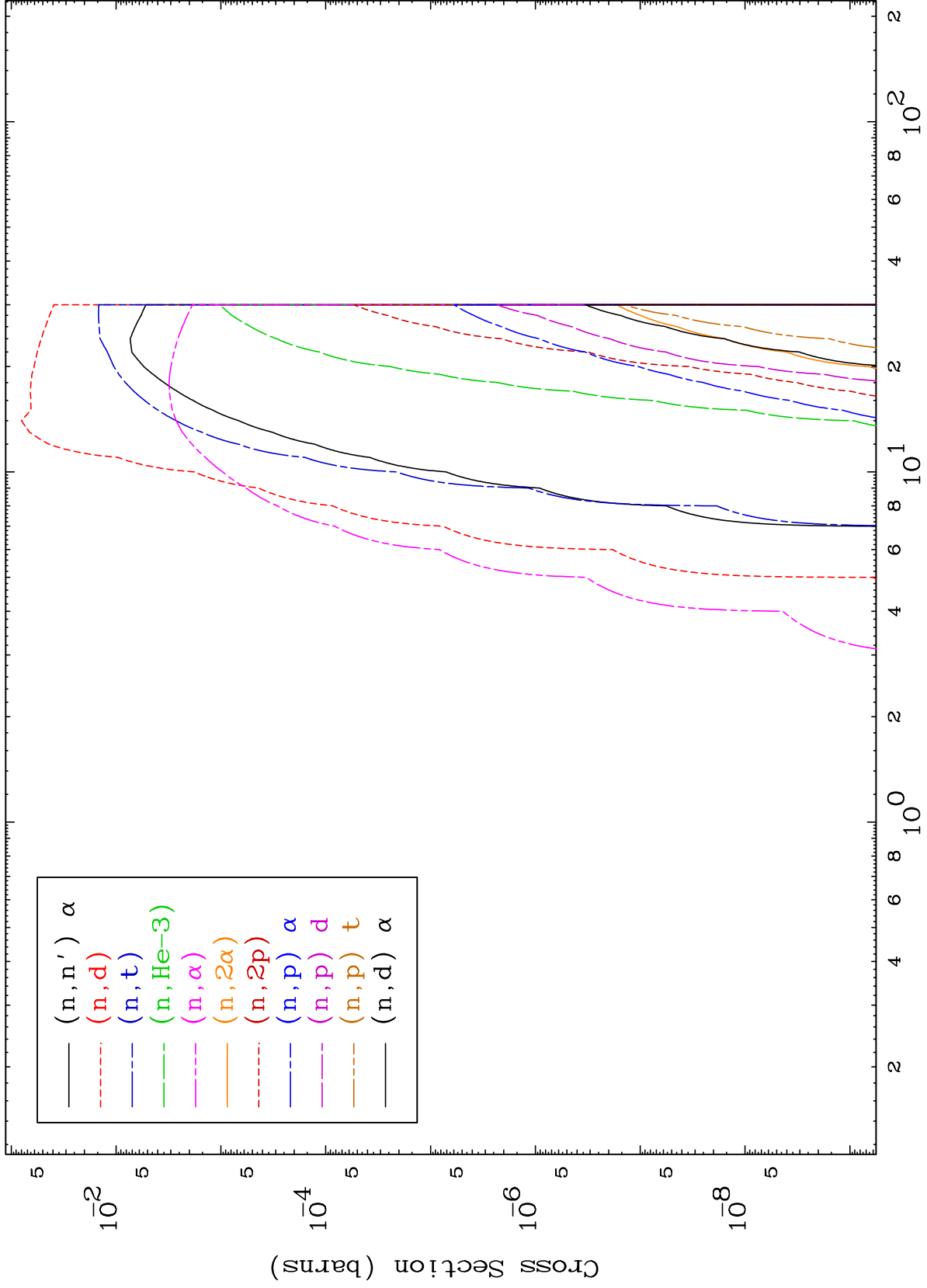
MAT 5649

Deuteron Neutron Absorption
0 Kelvin Cross Sections

56-Ba-138





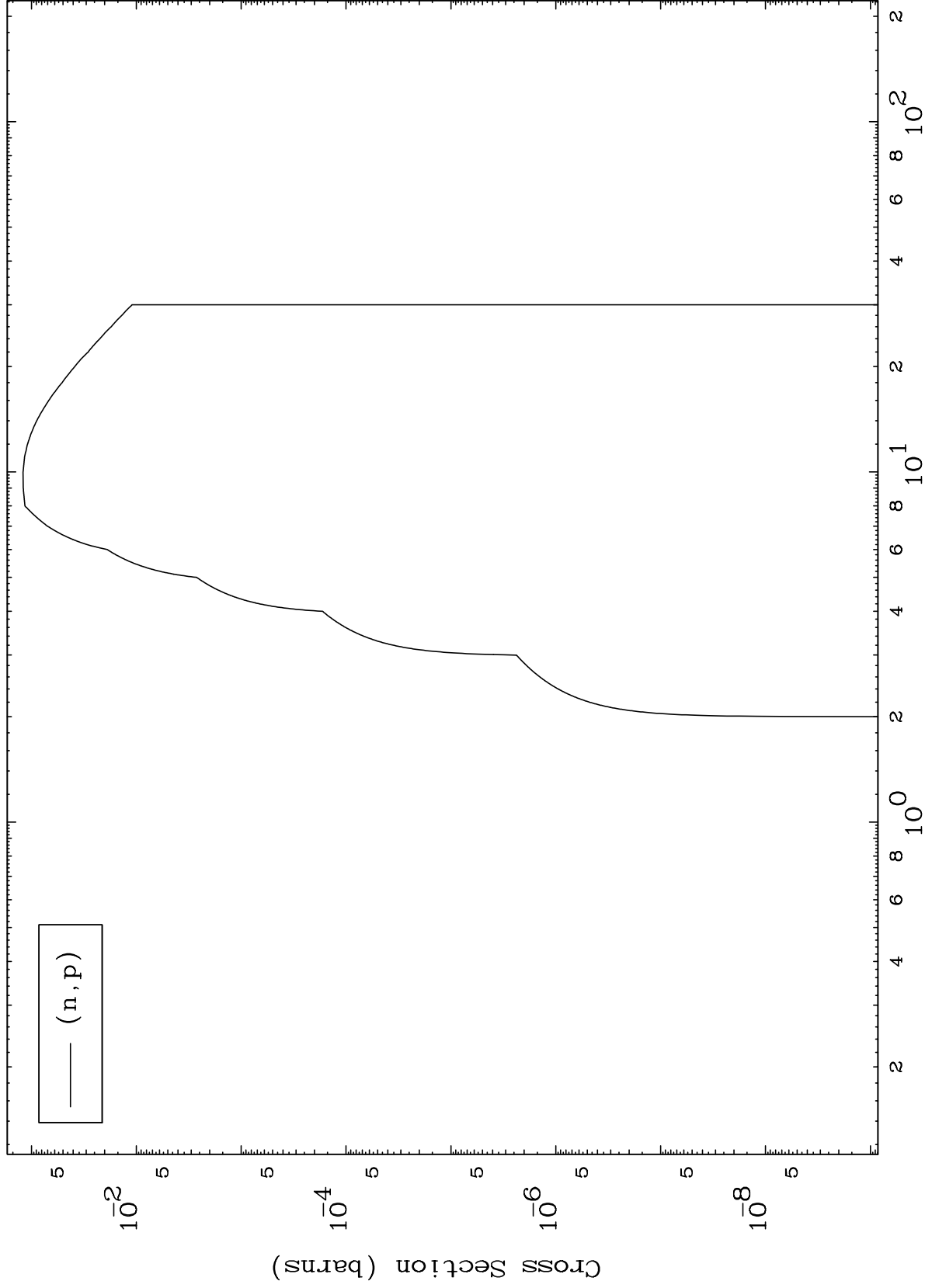


MAT 5649

(d,p) Levels

56-Ba-138

0 Kelvin Cross Sections



7

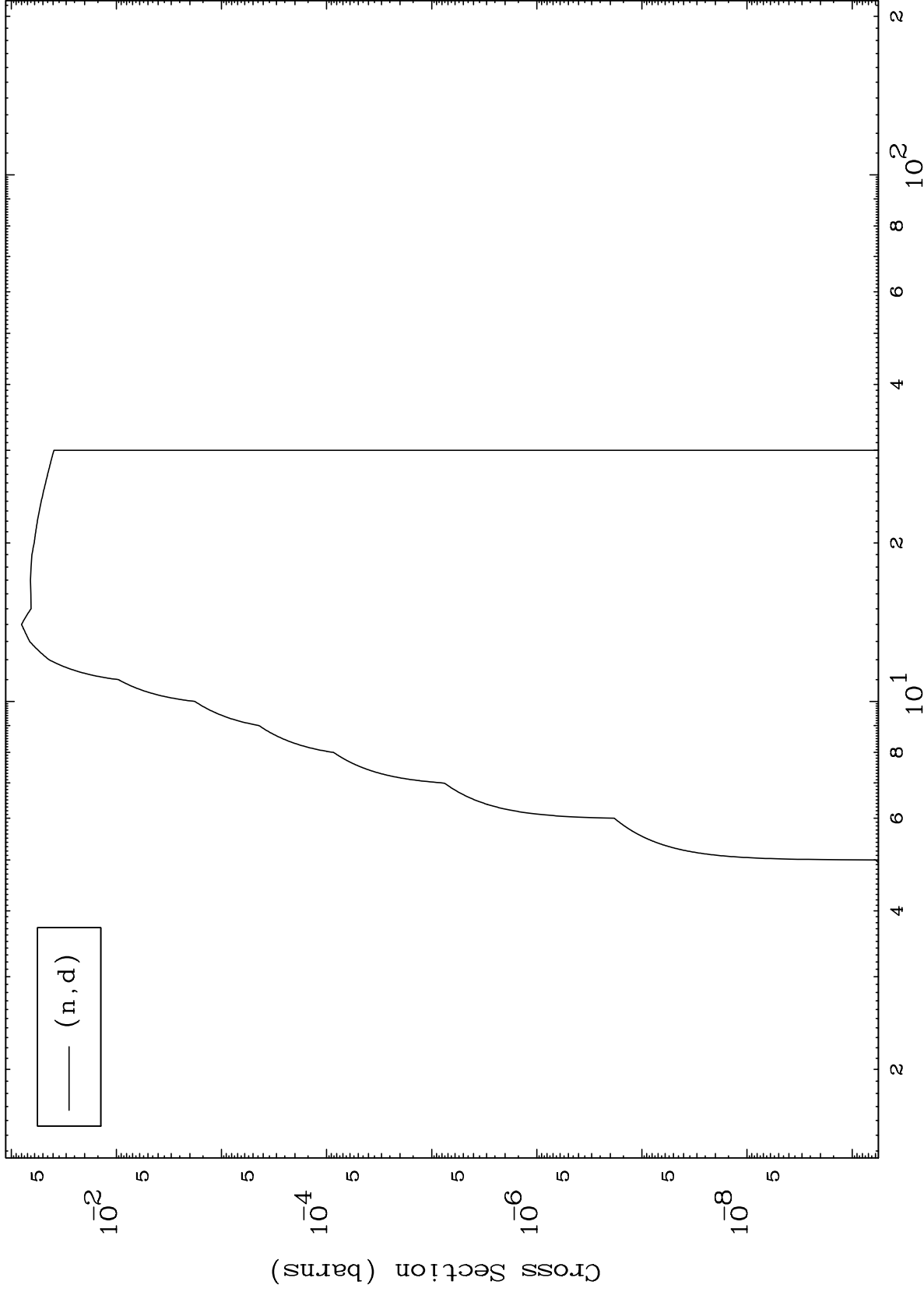
Incident Energy (MeV)

56-Ba-138

MAT 5649

(d,d) Levels
0 Kelvin Cross Sections

56-Ba-138



8

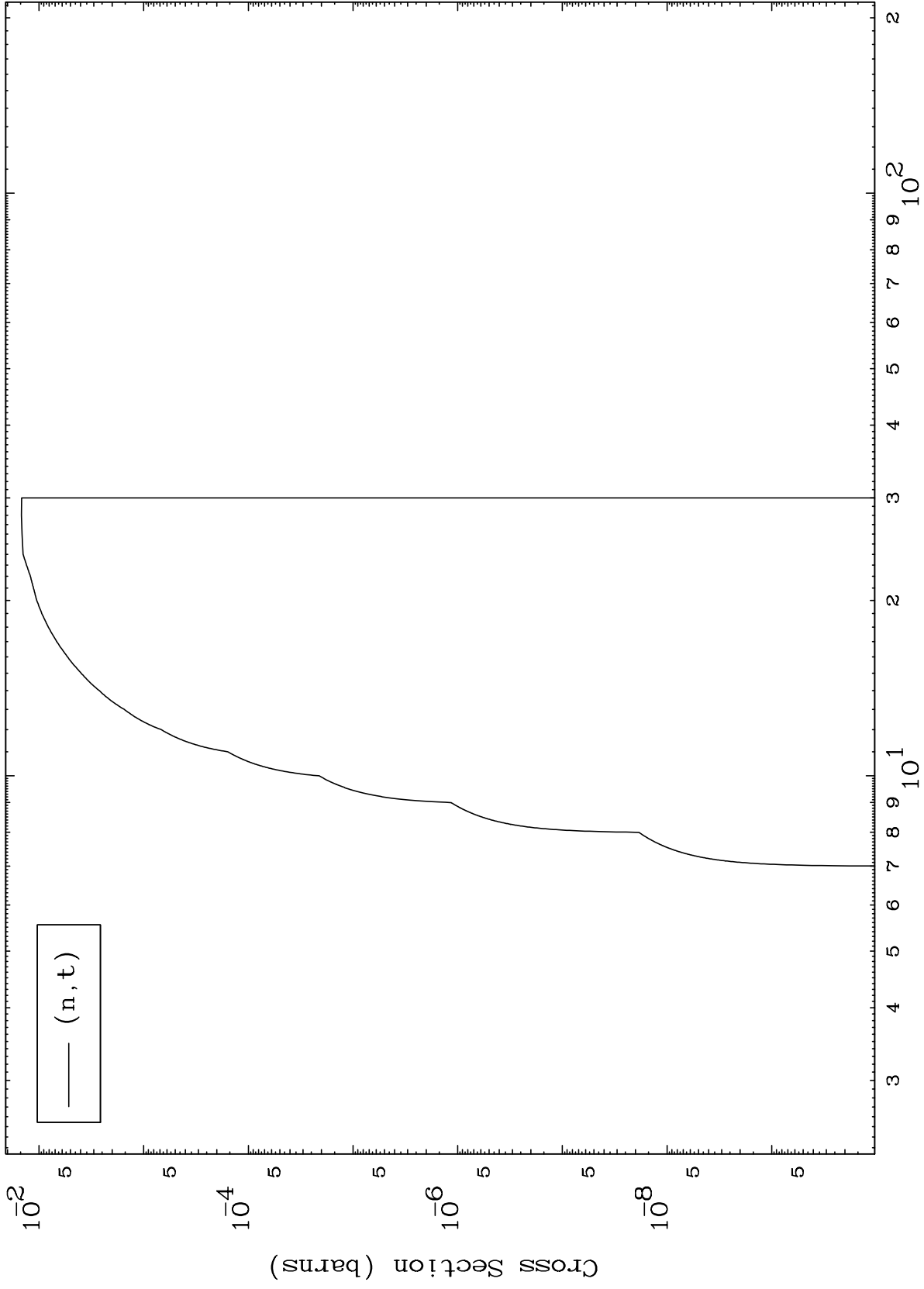
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

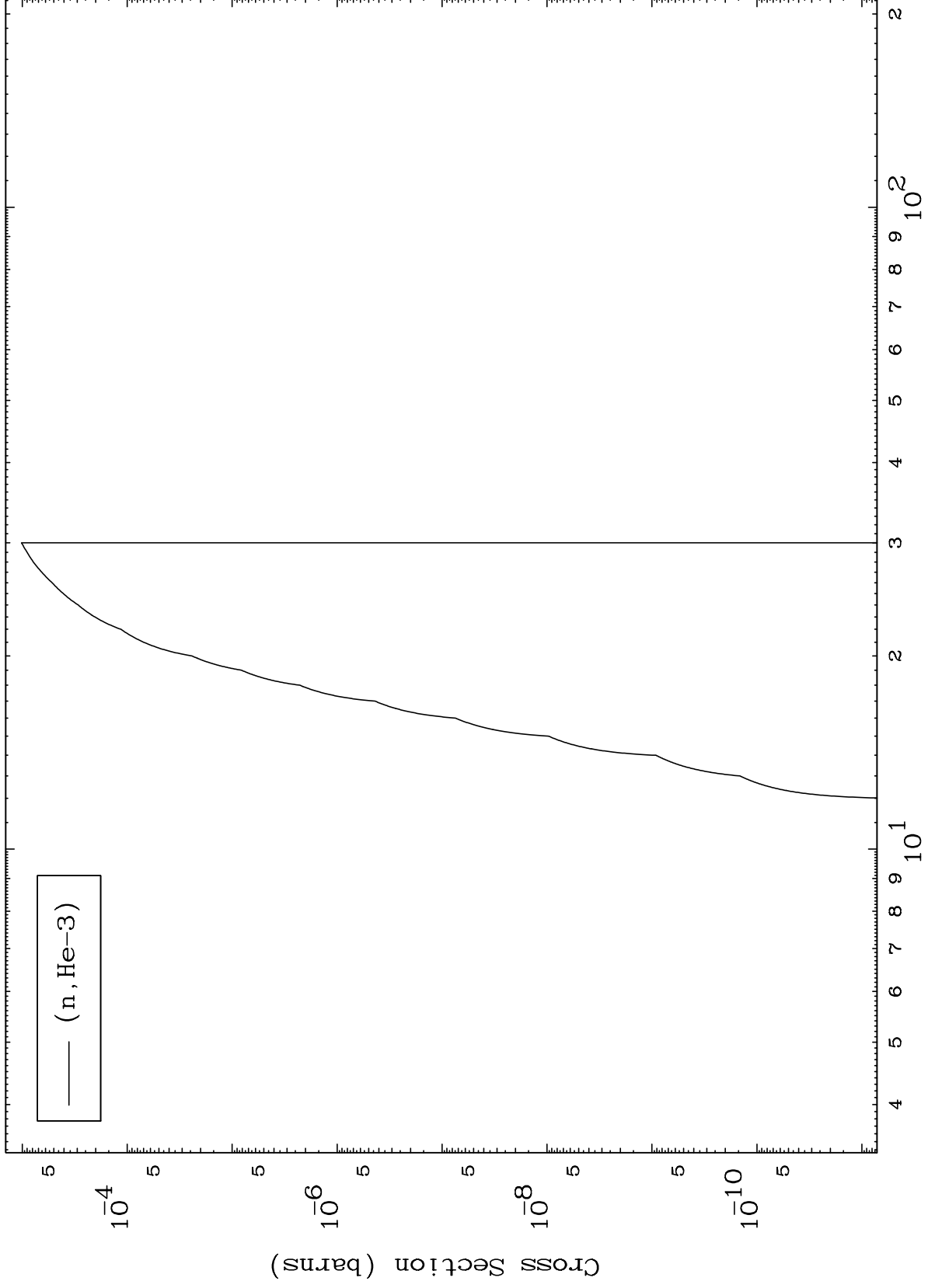
(d,t) Levels
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

56-Ba-138



10

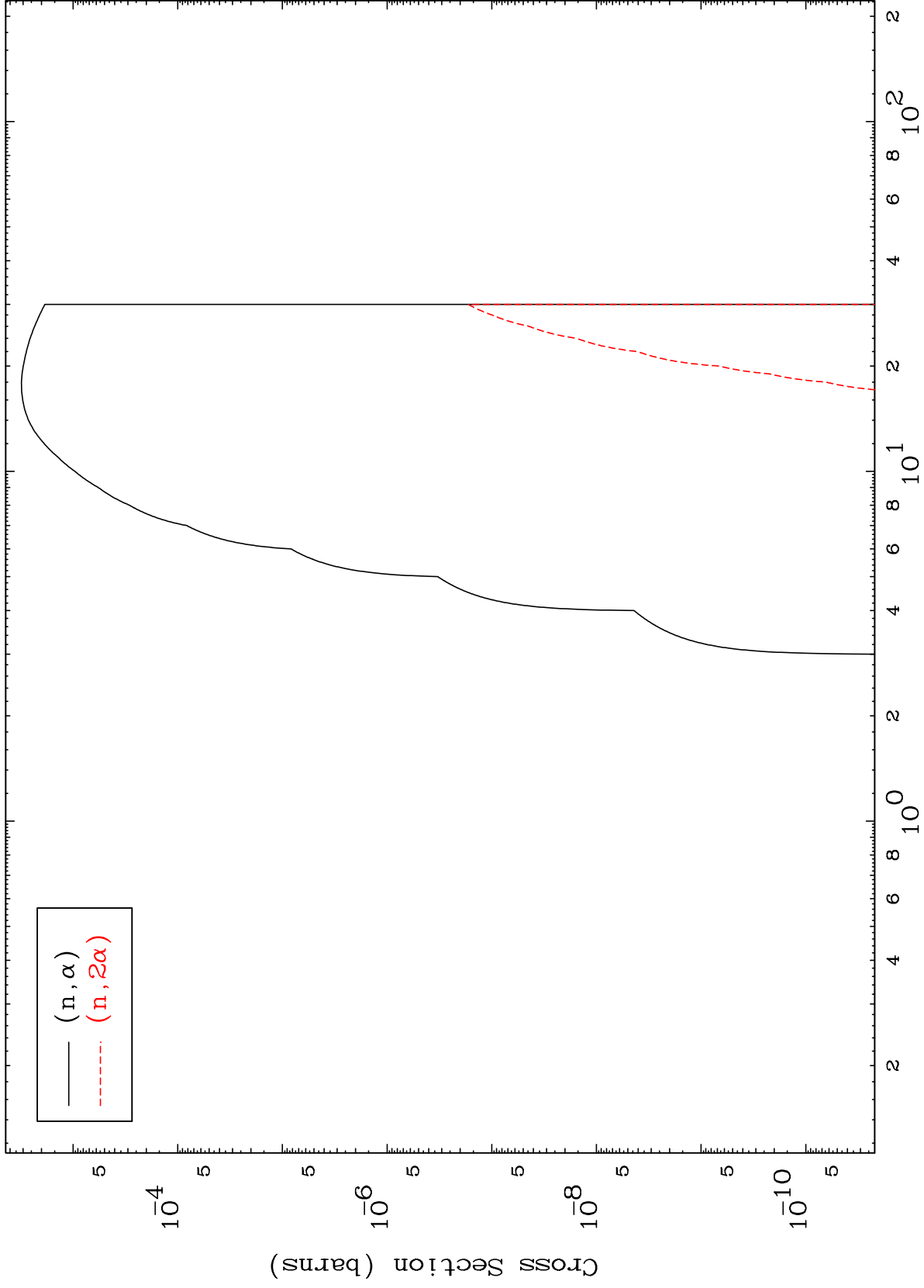
Incident Energy (MeV)

56-Ba-138

MAT 5649

(d, α) Levels
0 Kelvin Cross Sections

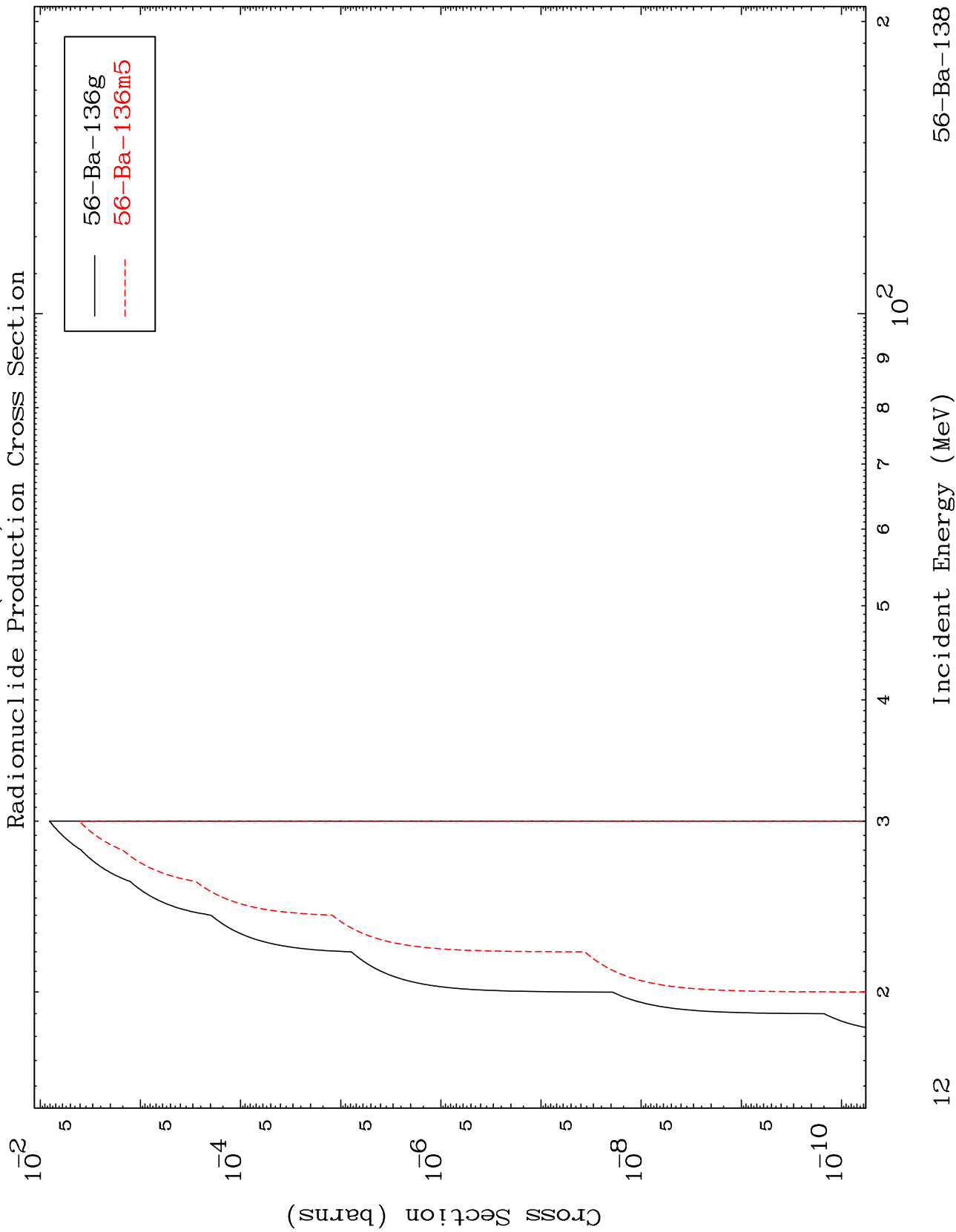
56-Ba-138



MAT 5649

(n,2n) d

56-Ba-138



12

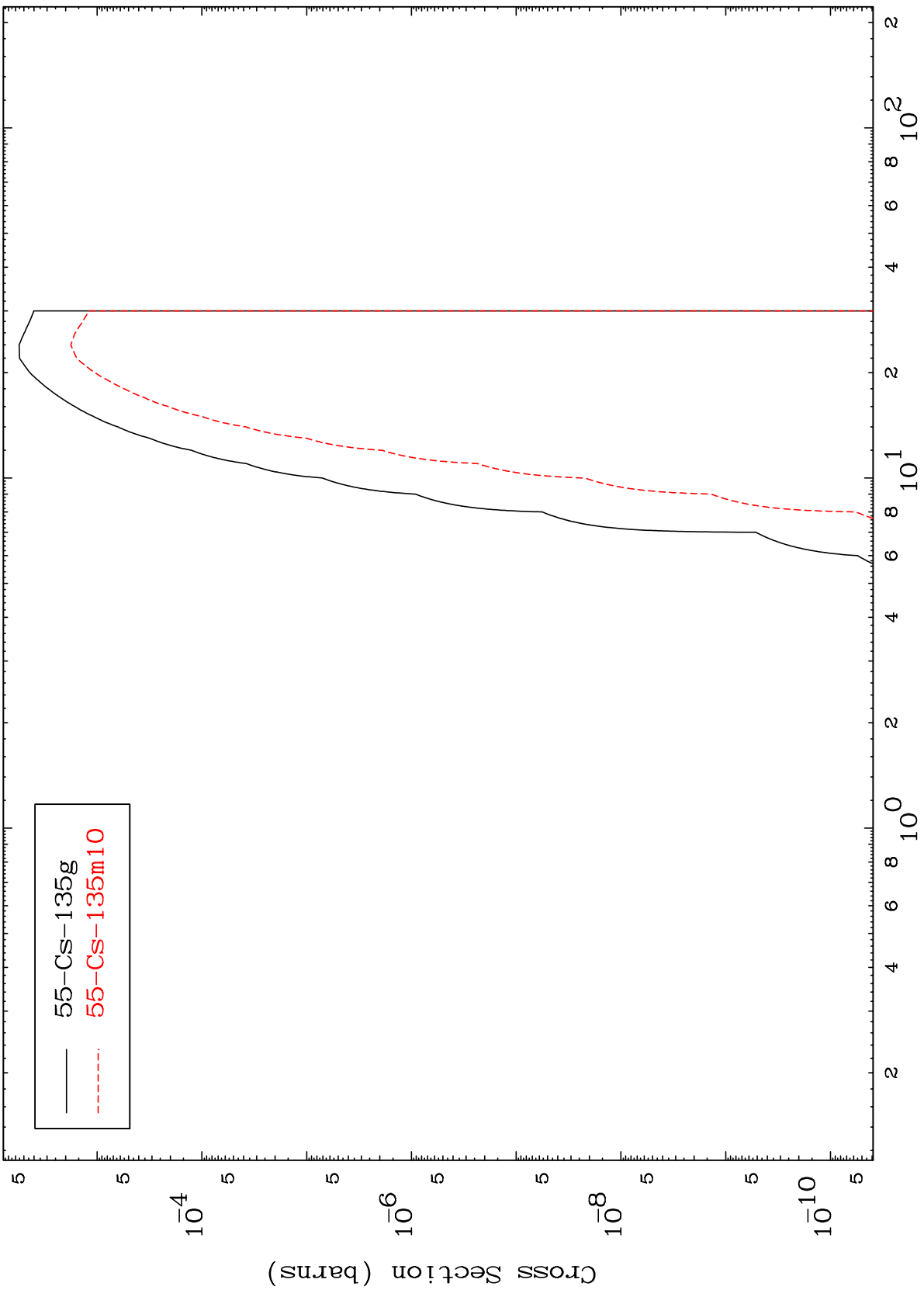
56-Ba-138

MAT 5649

$(n, n') \alpha$

56-Ba-138

Radionuclide Production Cross Section



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

13

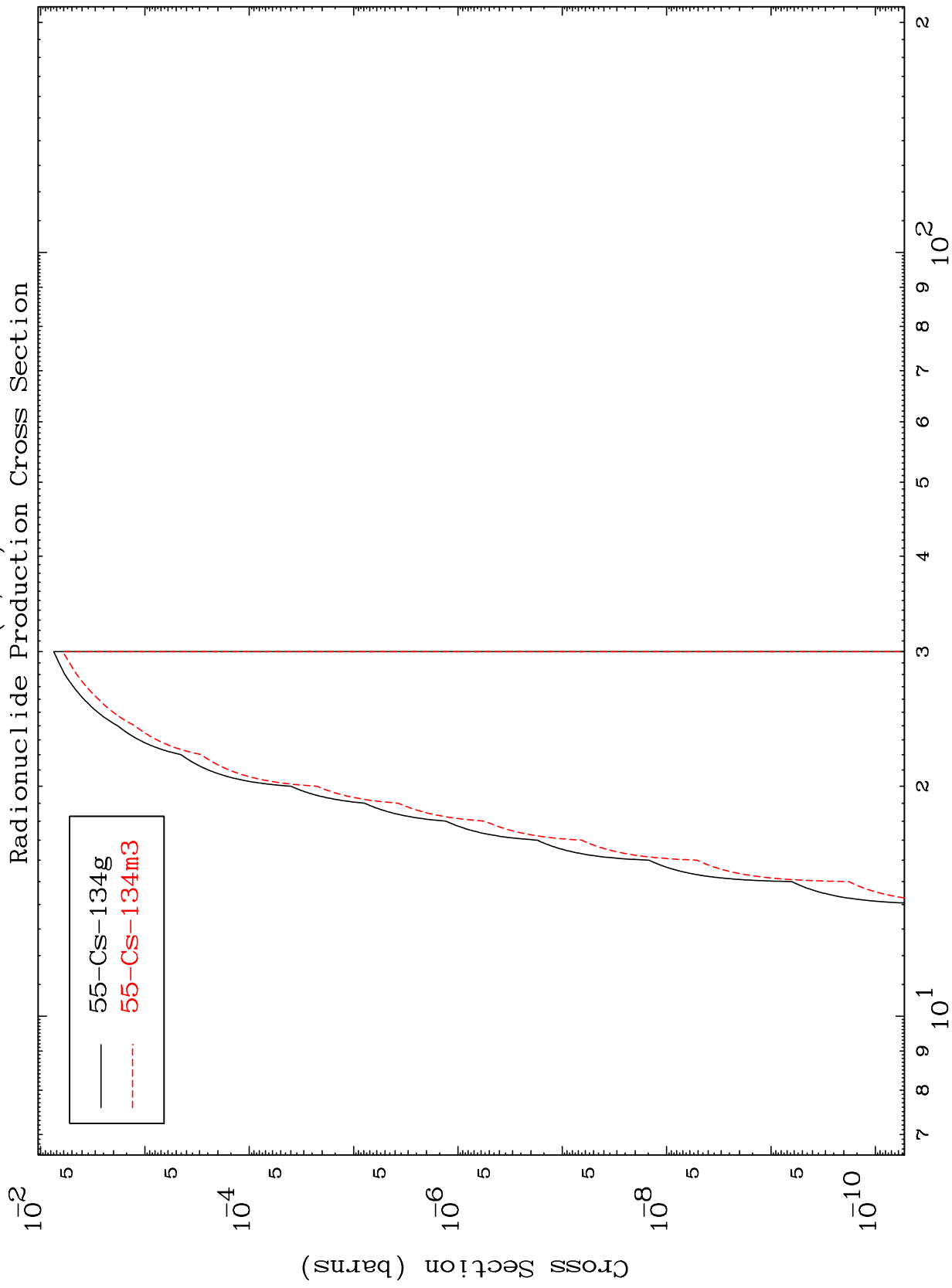
Incident Energy (MeV)

56-Ba-138

MAT 5649

(n,2n) α

56-Ba-138



14

Incident Energy (MeV)

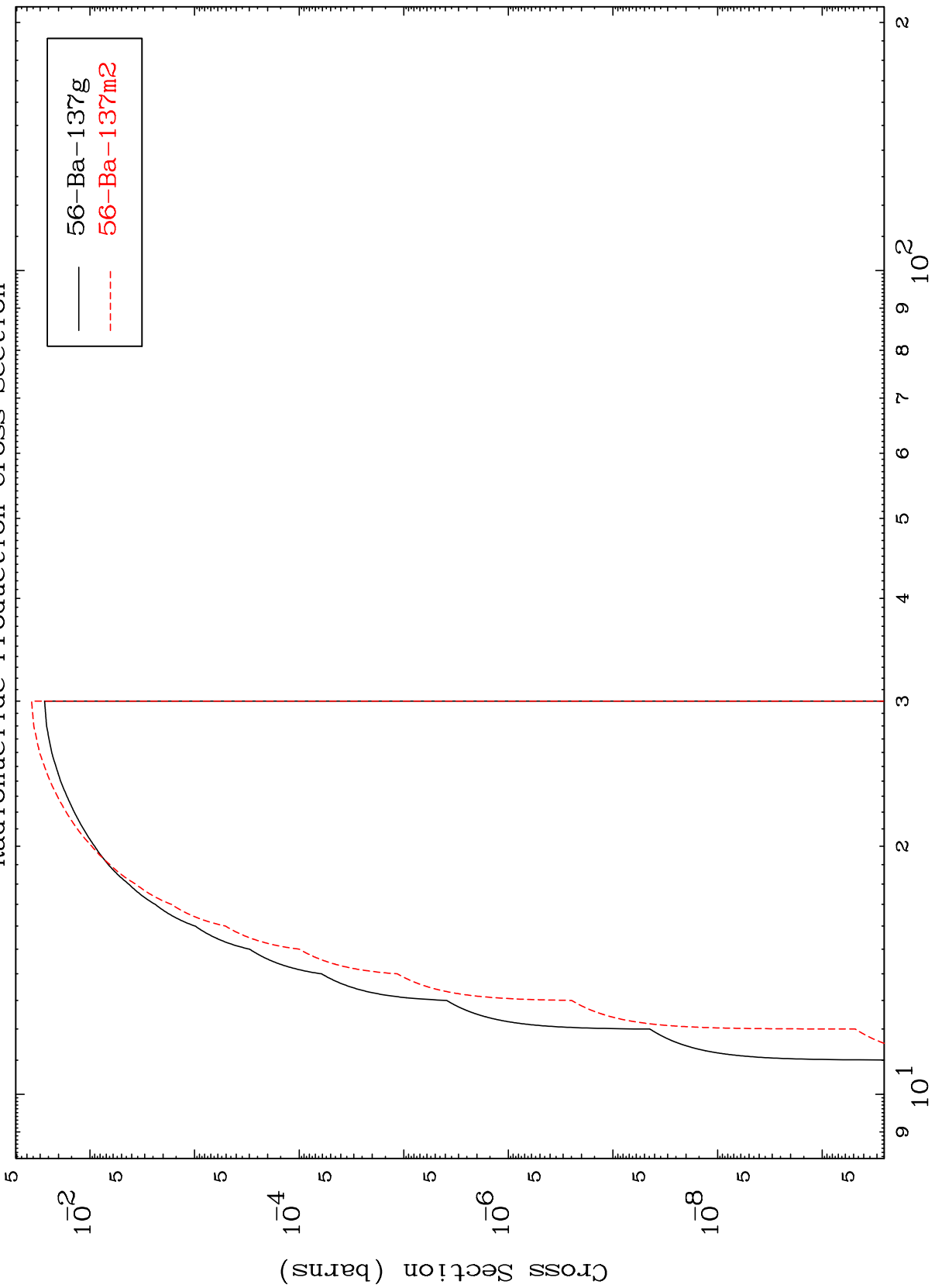
56-Ba-138

MAT 5649

(n,n') d

56-Ba-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

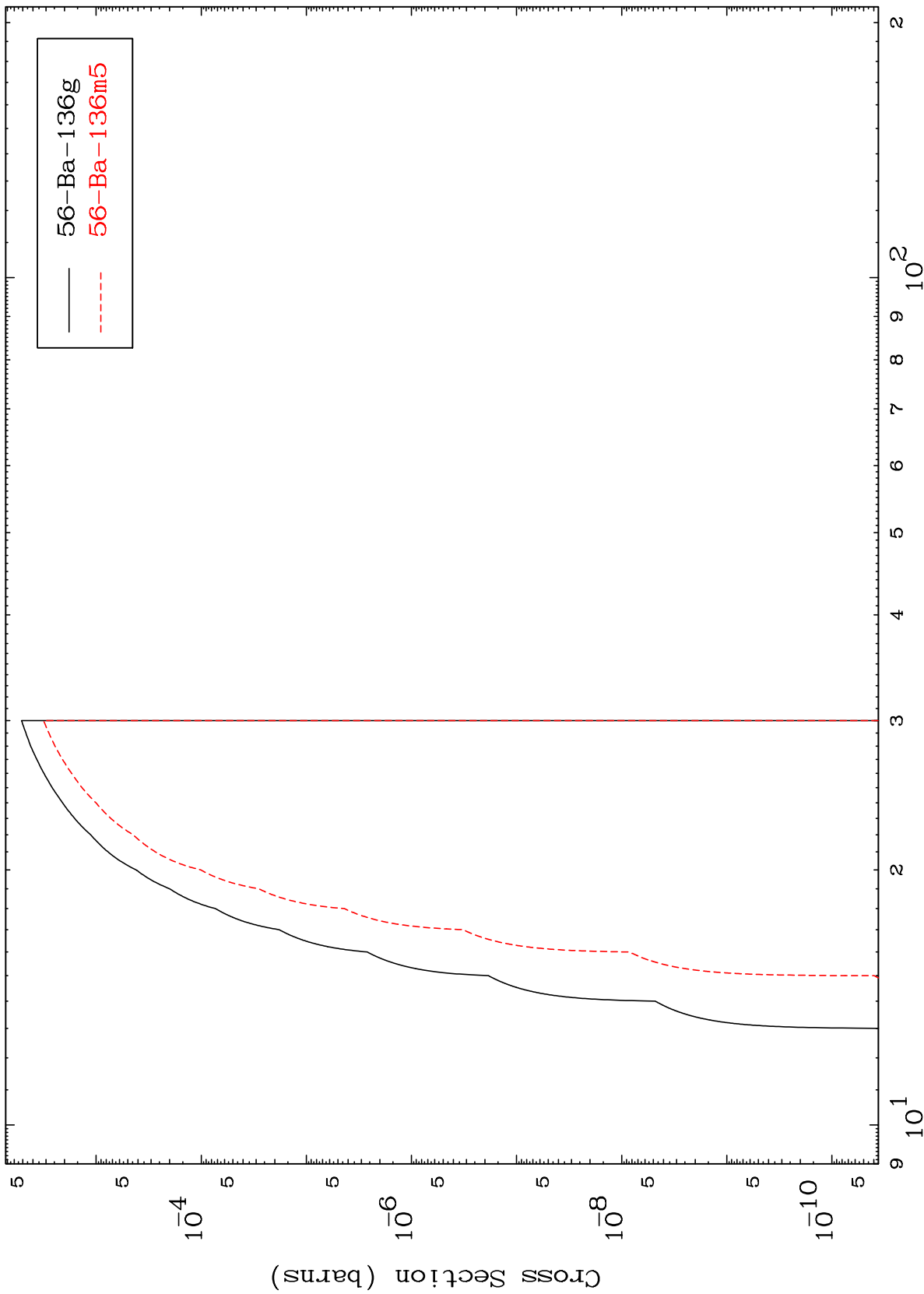
56-Ba-138

MAT 5649

(n,n') t

56-Ba-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

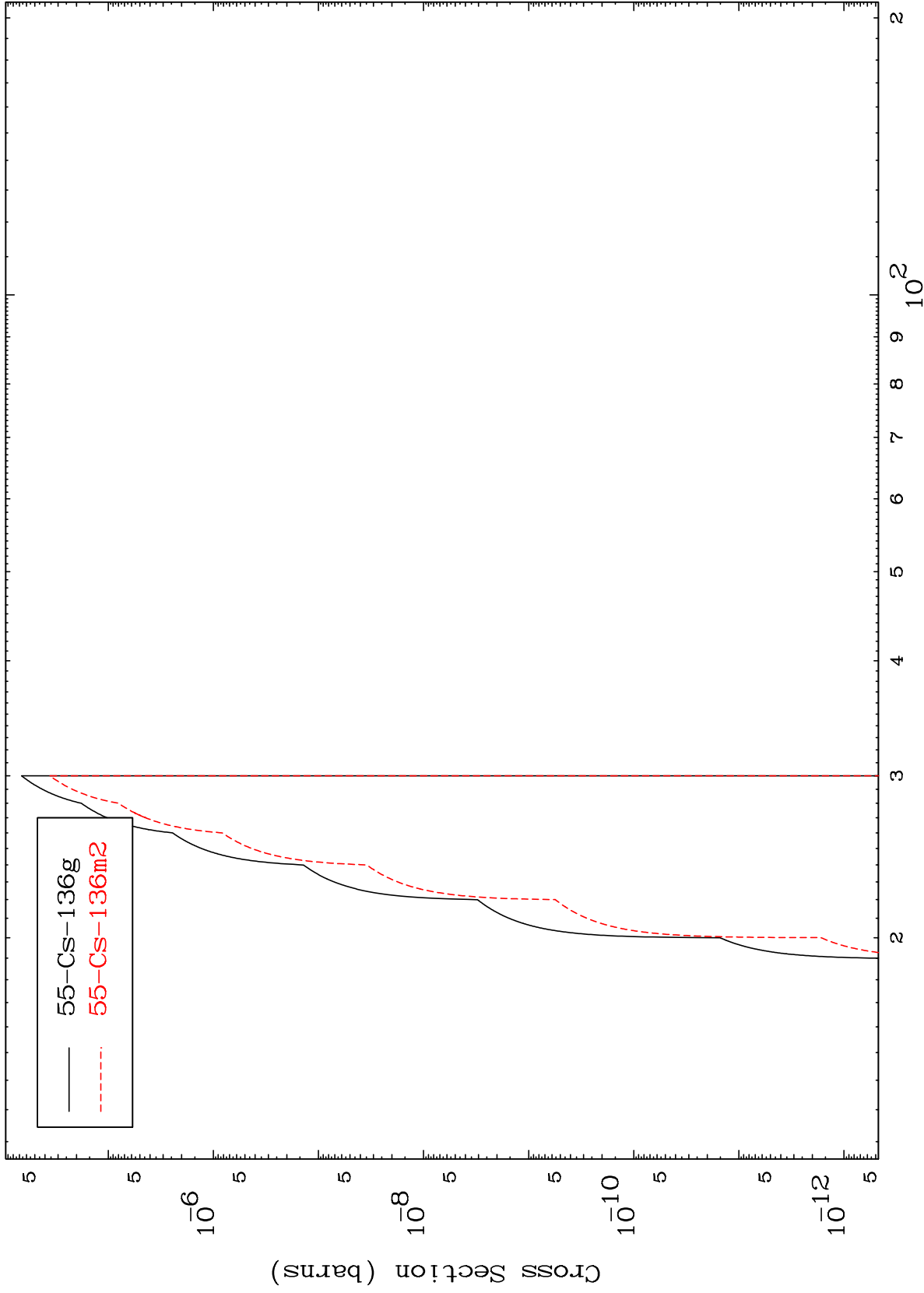
56-Ba-138

MAT 5649

(n,n') He-3

56-Ba-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

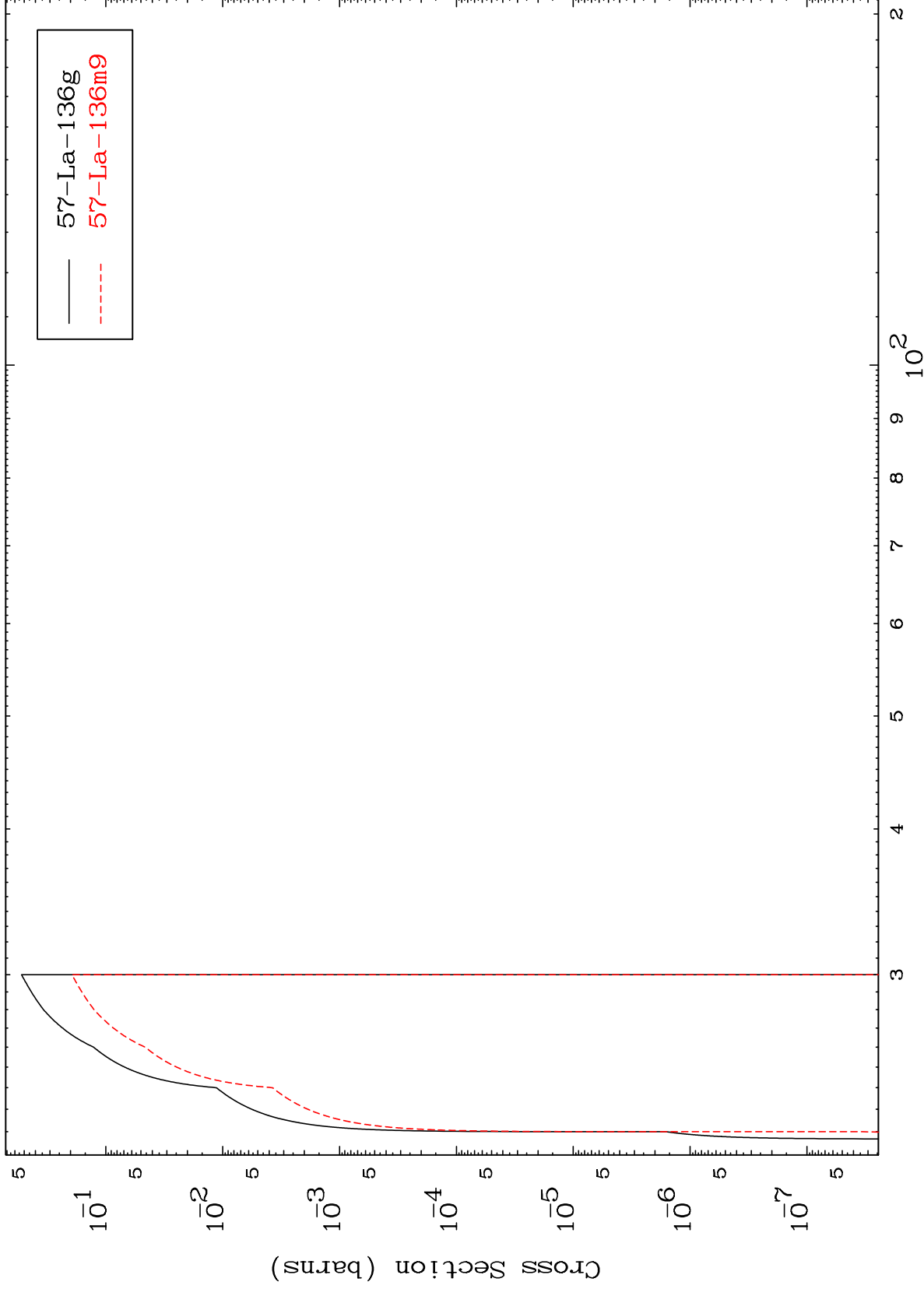
56-Ba-138

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(n,4n)

56-Ba-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

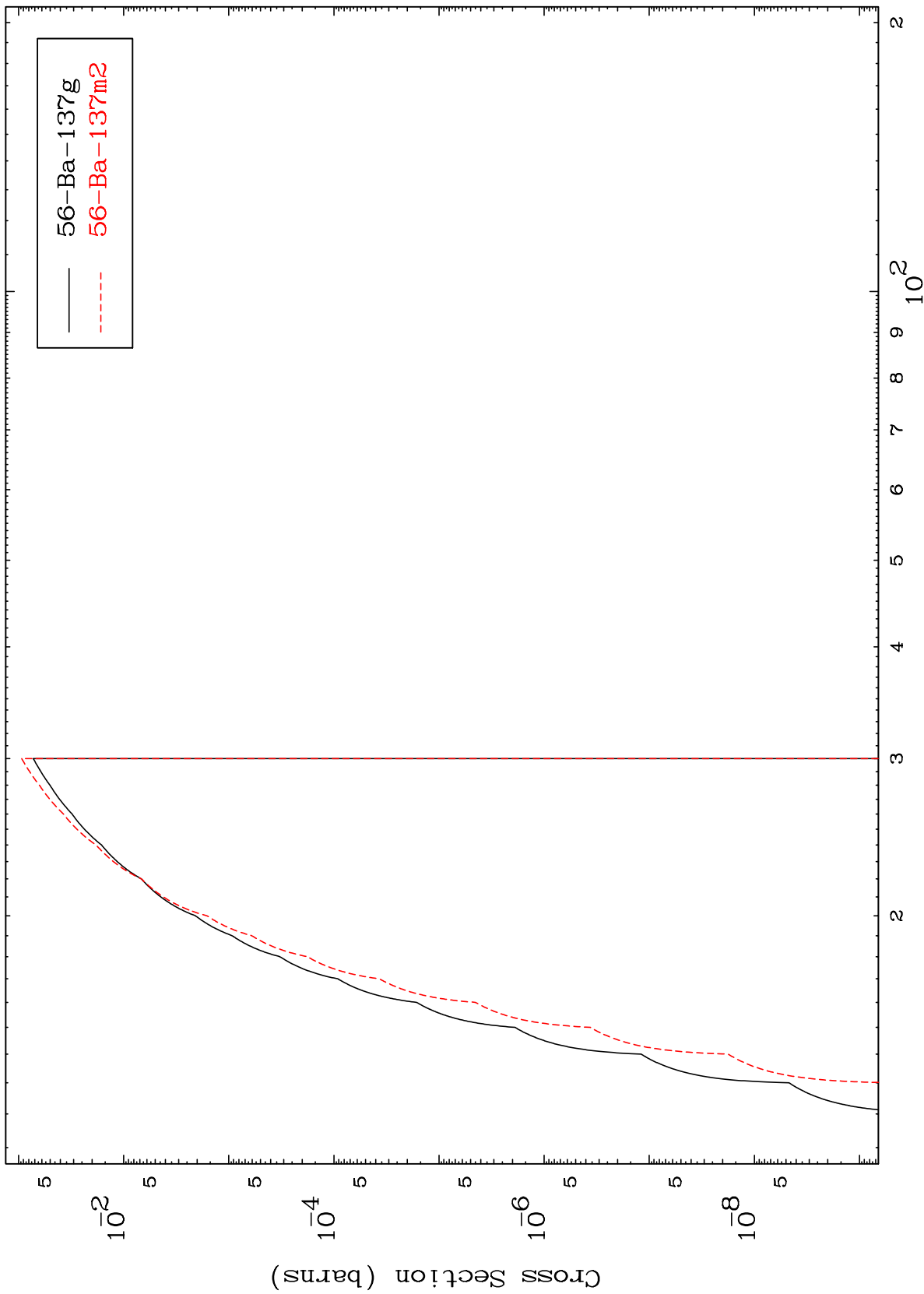
56-Ba-138

MAT 5649

(n,2n) p

56-Ba-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

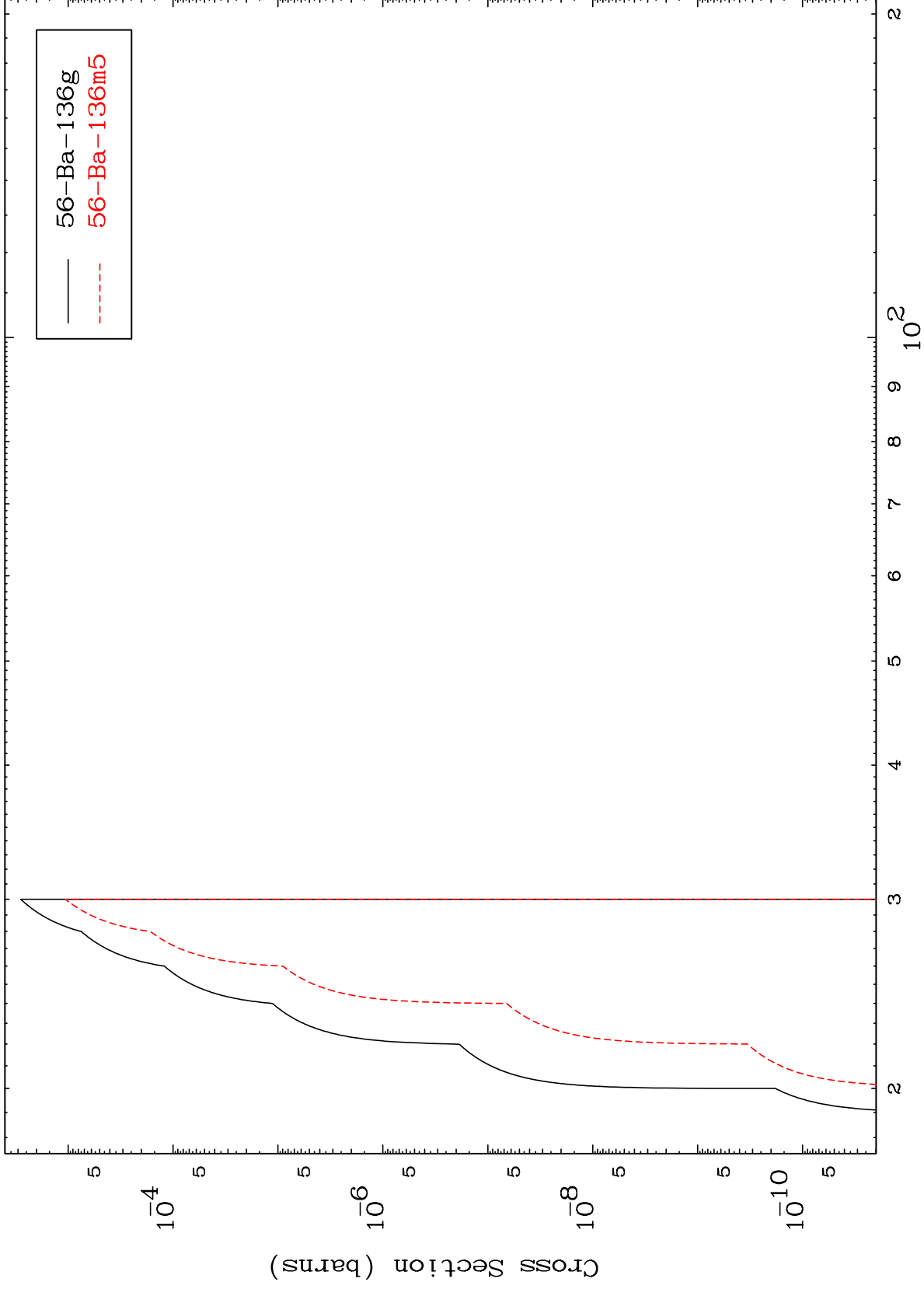
56-Ba-138

MAT 5649

(n,3n) p

56-Ba-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

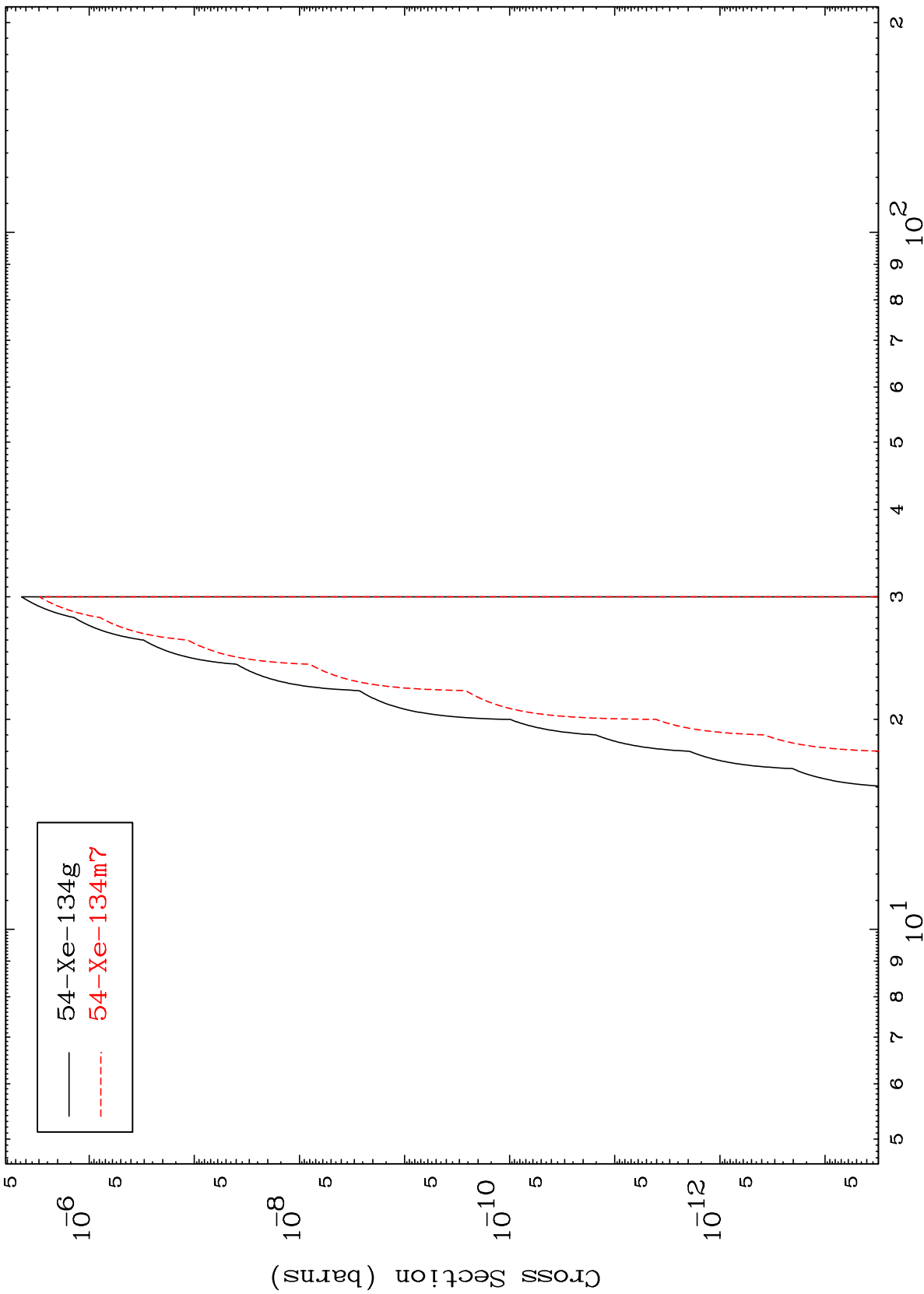
56-Ba-138

MAT 5649

(n,n') p α

56-Ba-138

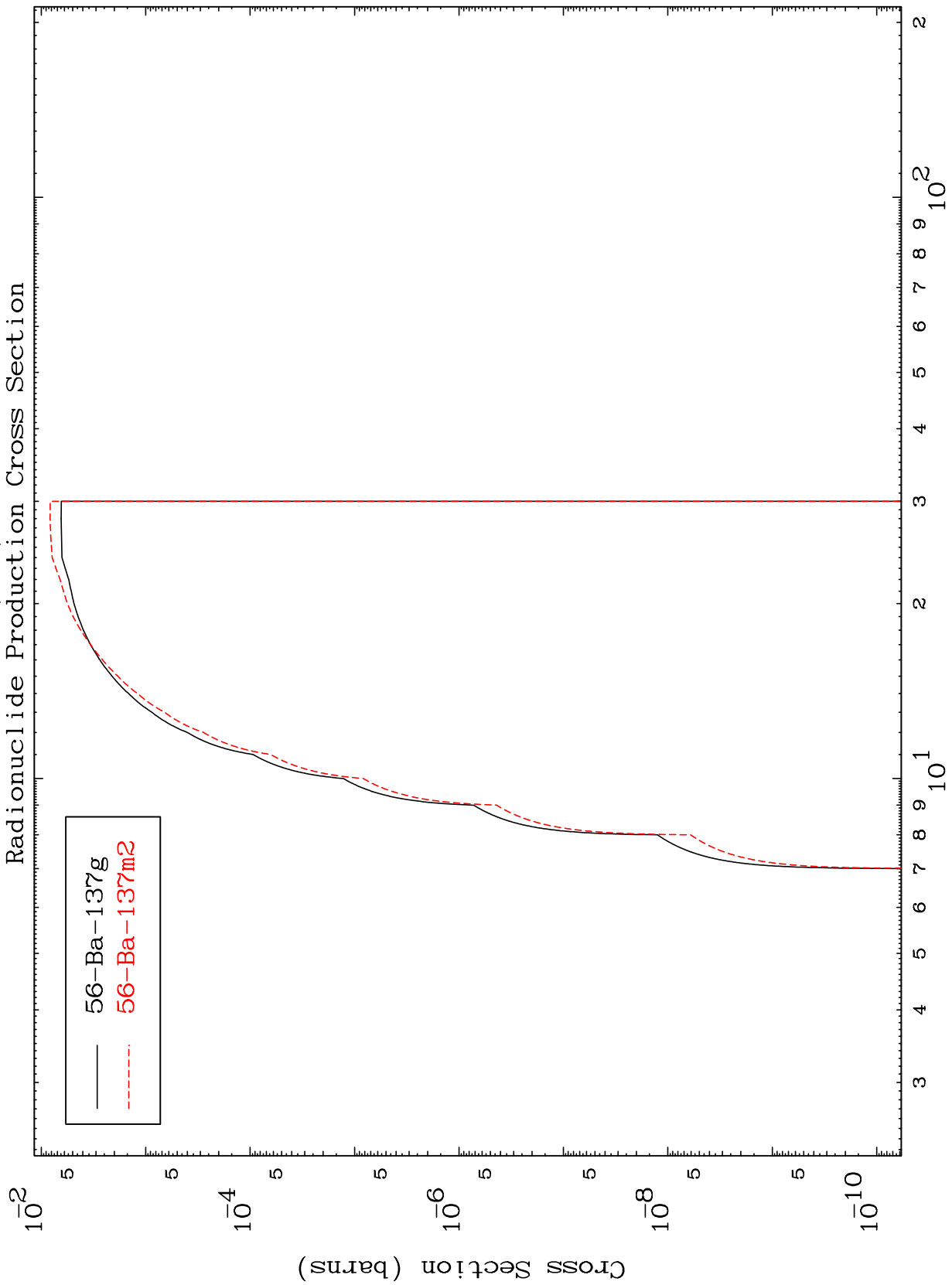
Radionuclide Production Cross Section



MAT 5649

56-Ba-138

(n, t)
Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2

56-Ba-138

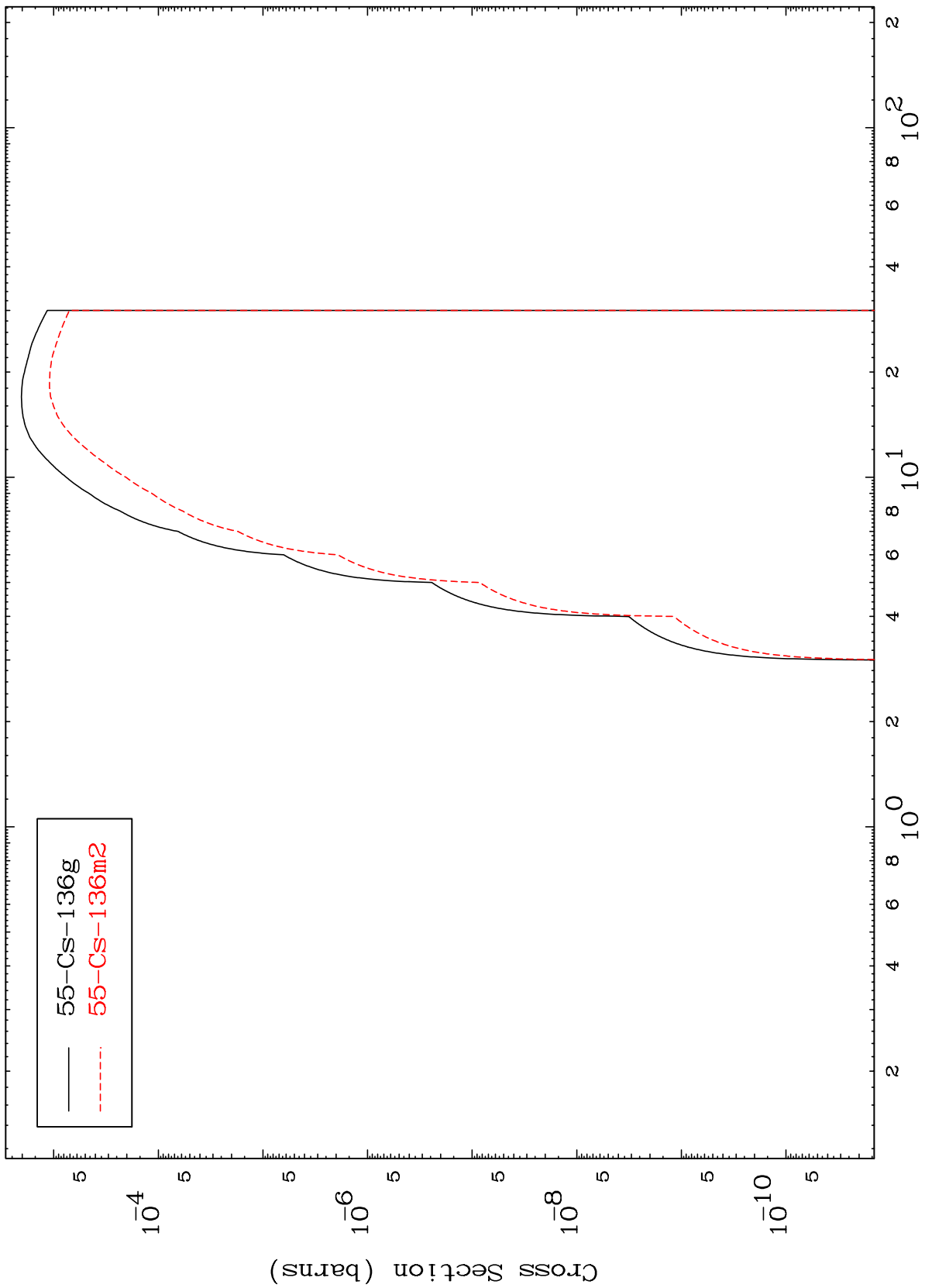
Incident Energy (MeV)

22

MAT 5649

56-Ba-138

(n, α)
Radionuclide Production Cross Section

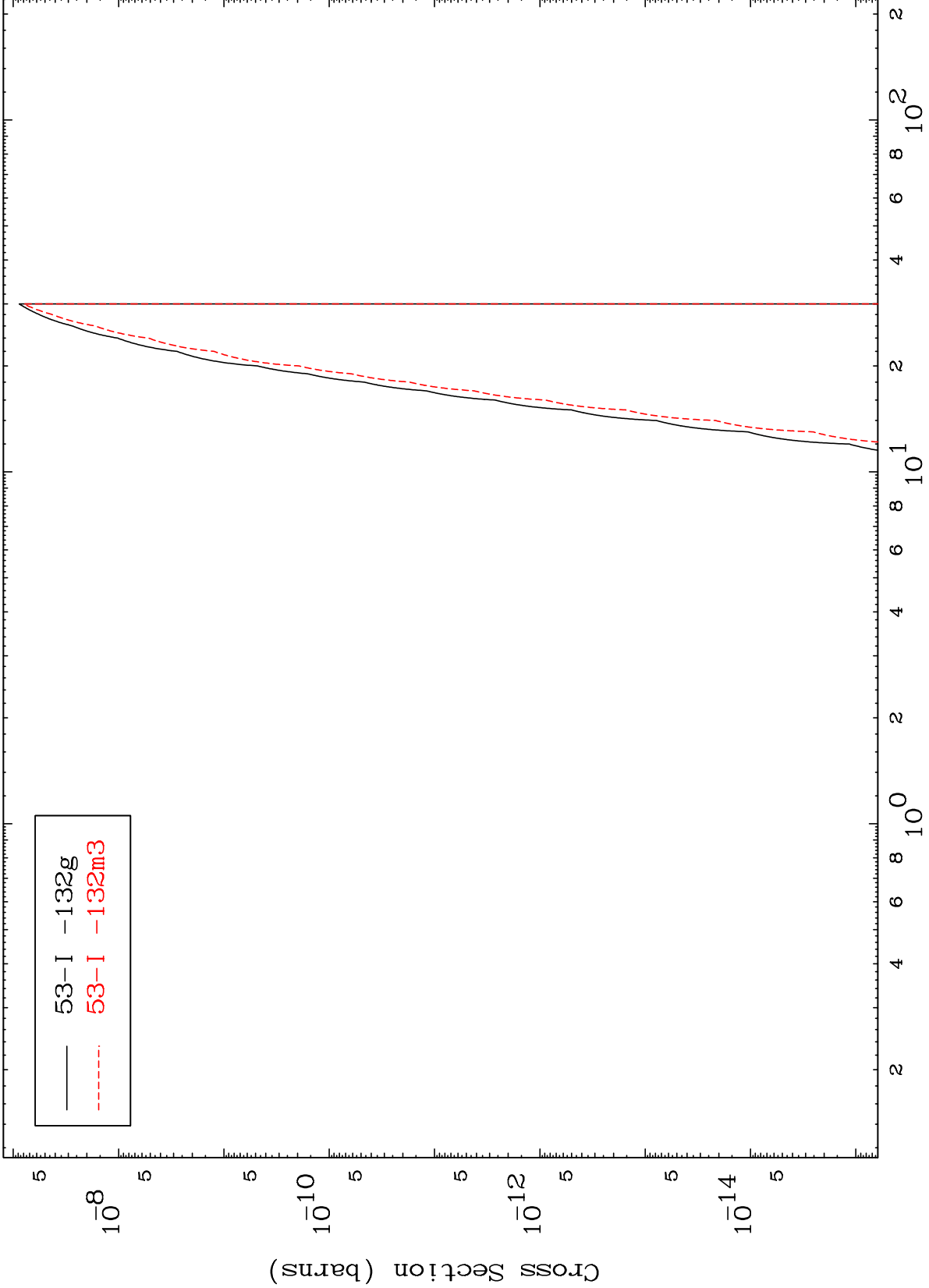
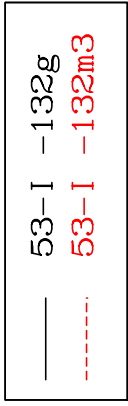


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(n,2α)

56-Ba-138

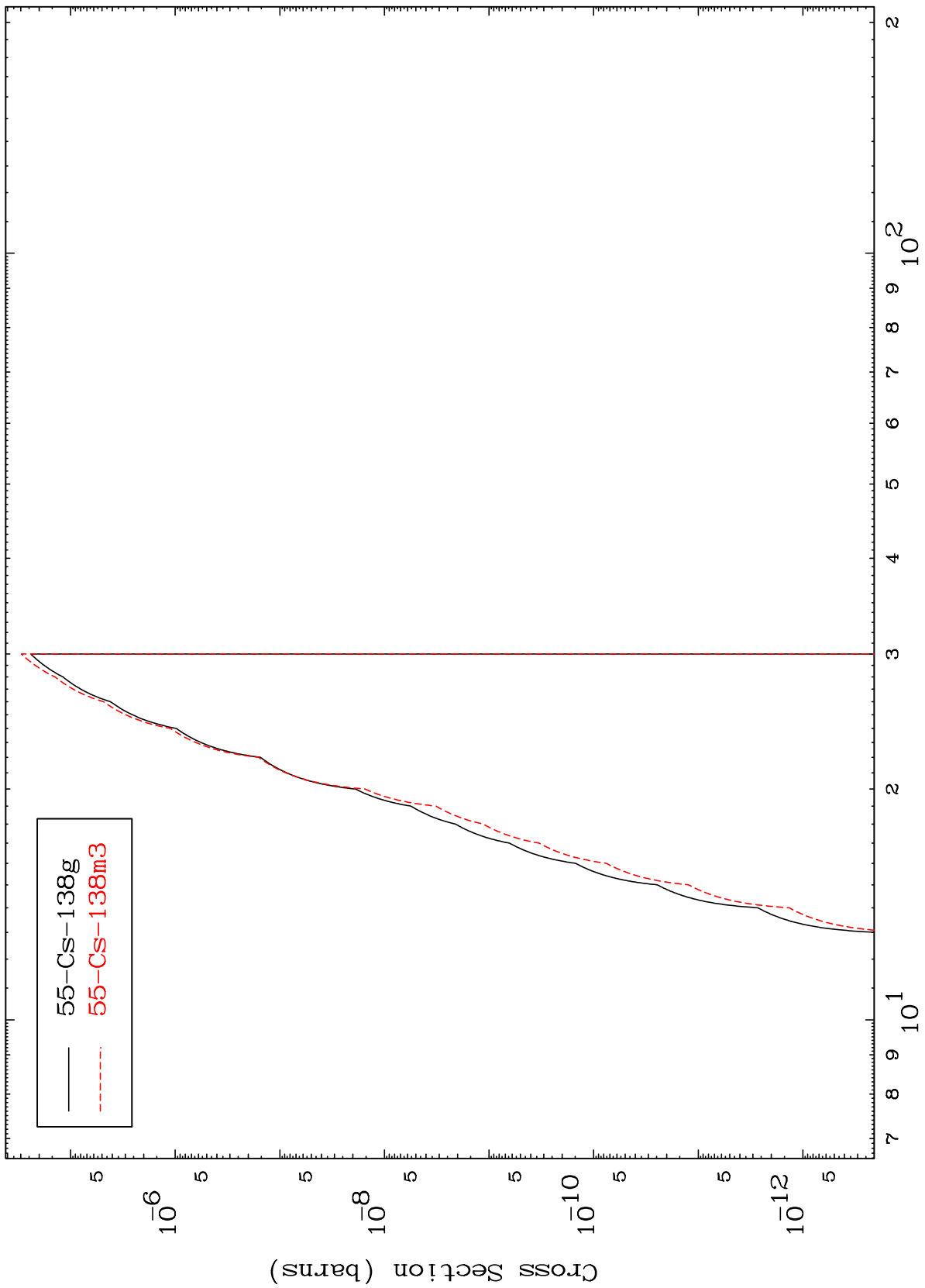
Radionuclide Production Cross Section



MAT 5649

56-Ba-138

(n,2p)
Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

25

Incident Energy (MeV)

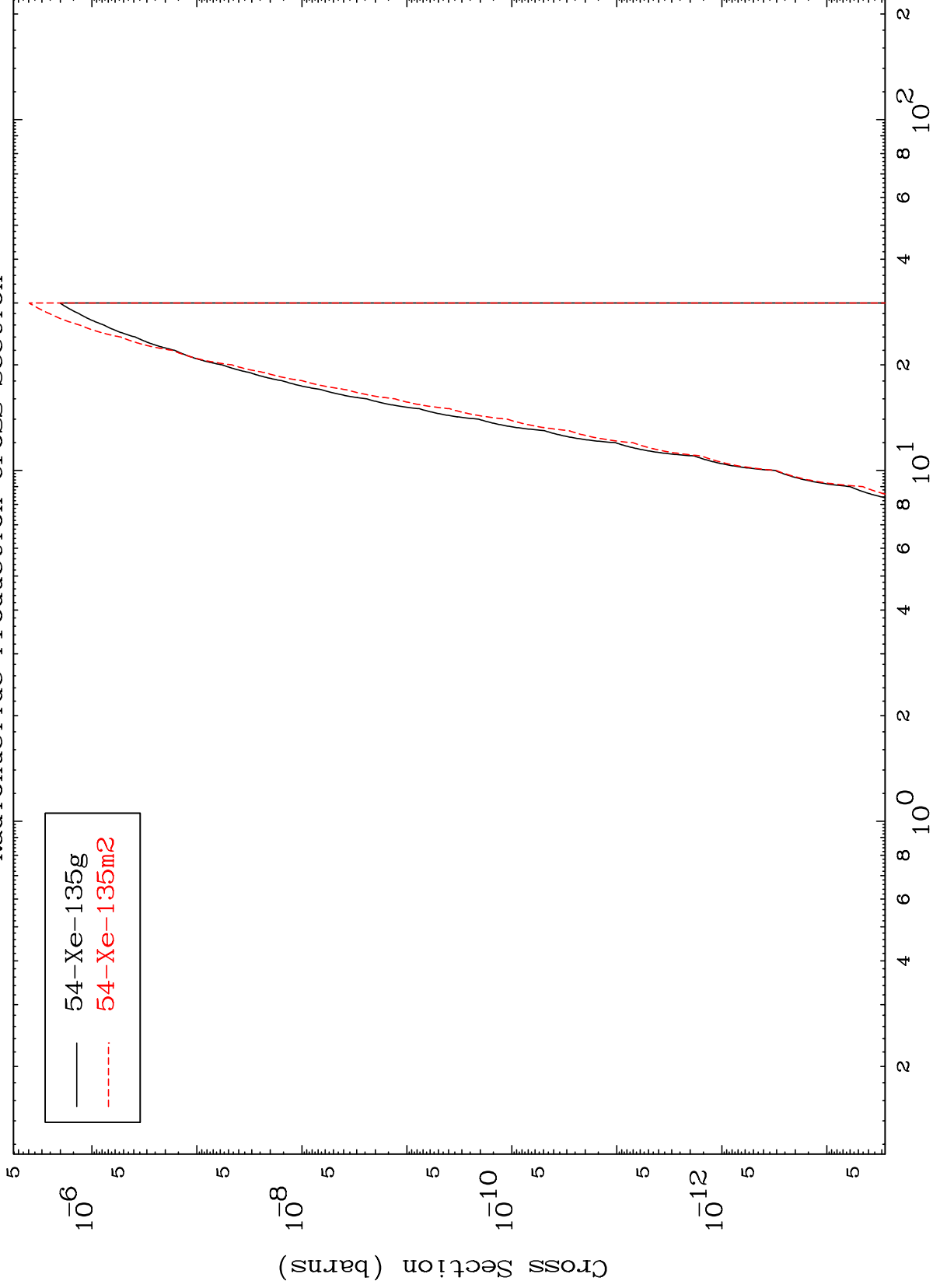
56-Ba-138

MAT 5649

(n,p) α

56-Ba-138

Radionuclide Production Cross Section



26

Incident Energy (MeV)

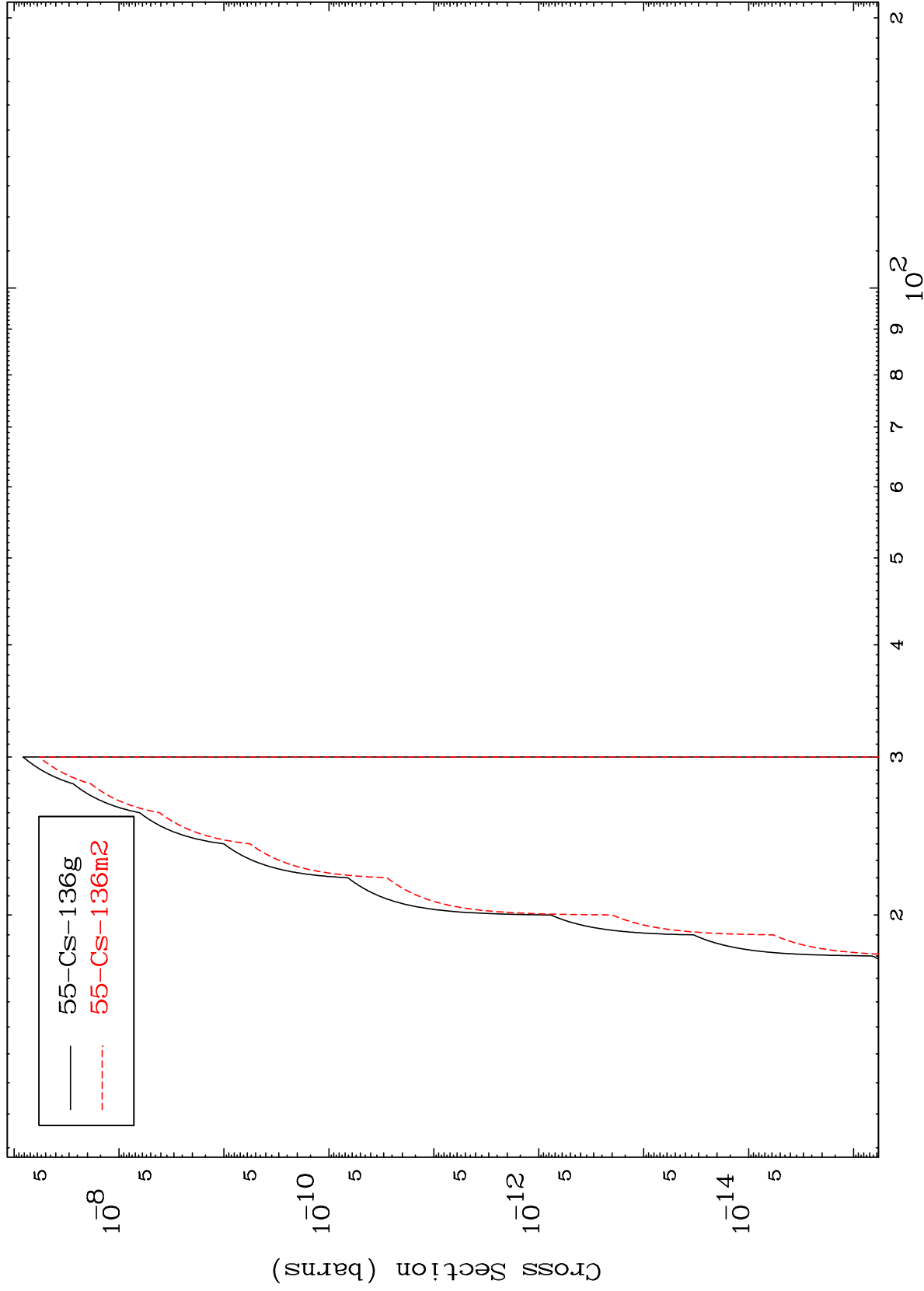
56-Ba-138

MAT 5649

(n,p) t

56-Ba-138

Radionuclide Production Cross Section



27

Incident Energy (MeV)

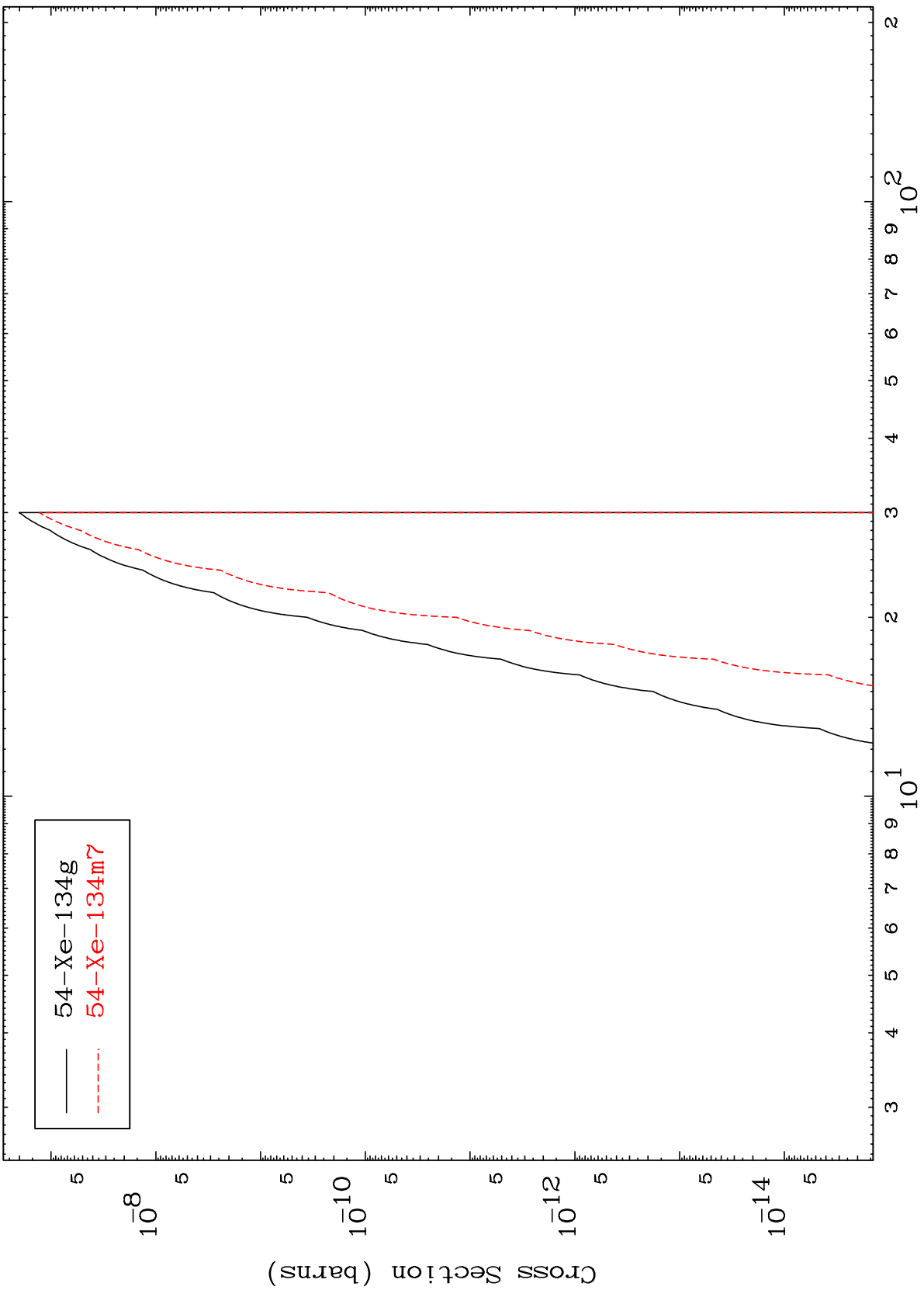
56-Ba-138

MAT 5649

(n,d) α

56-Ba-138

Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-138