

Program EVALPLOT  
(Version 2021-1)

by

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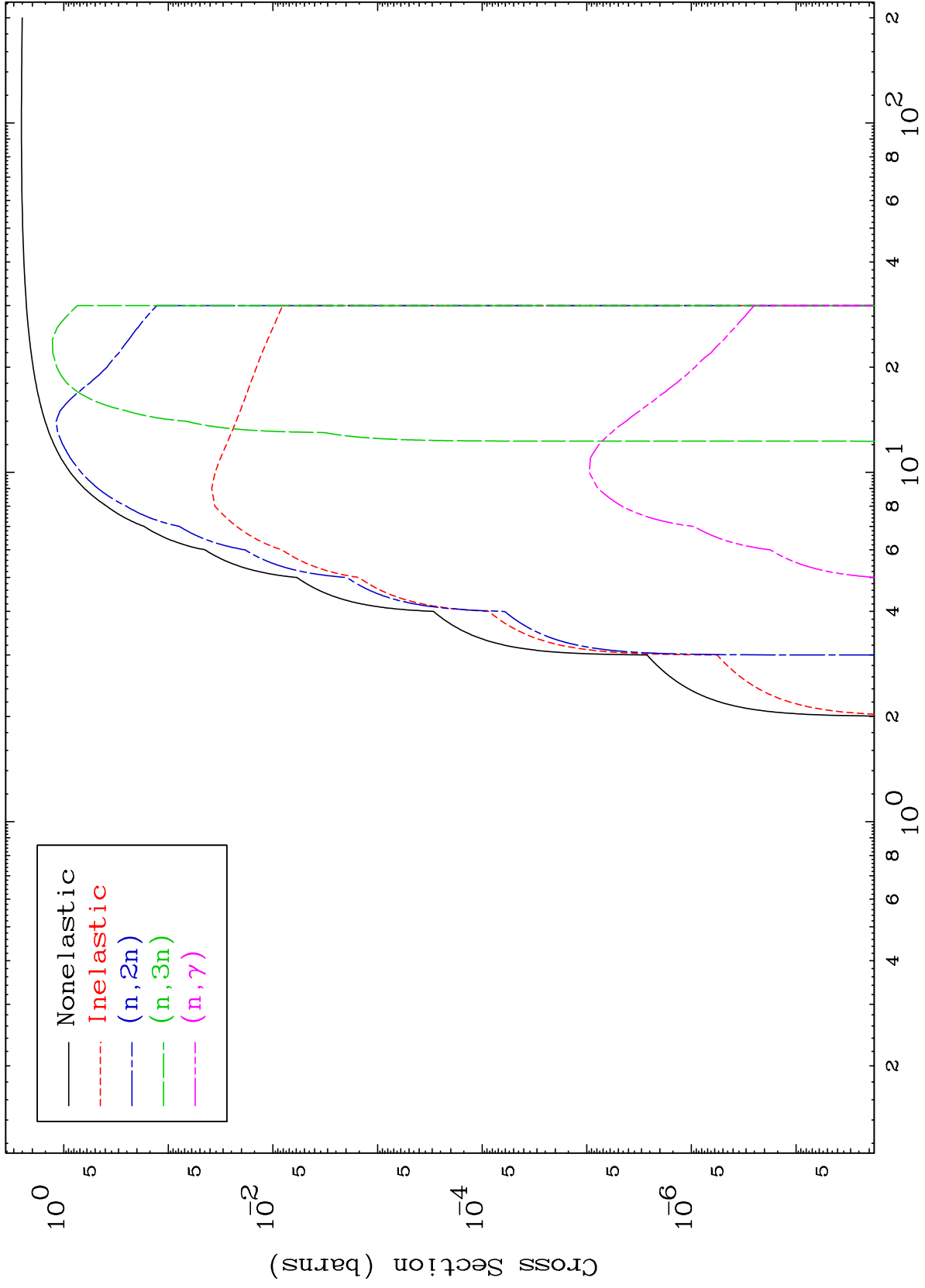
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5647

Deuteron Major  
0 Kelvin Cross Sections

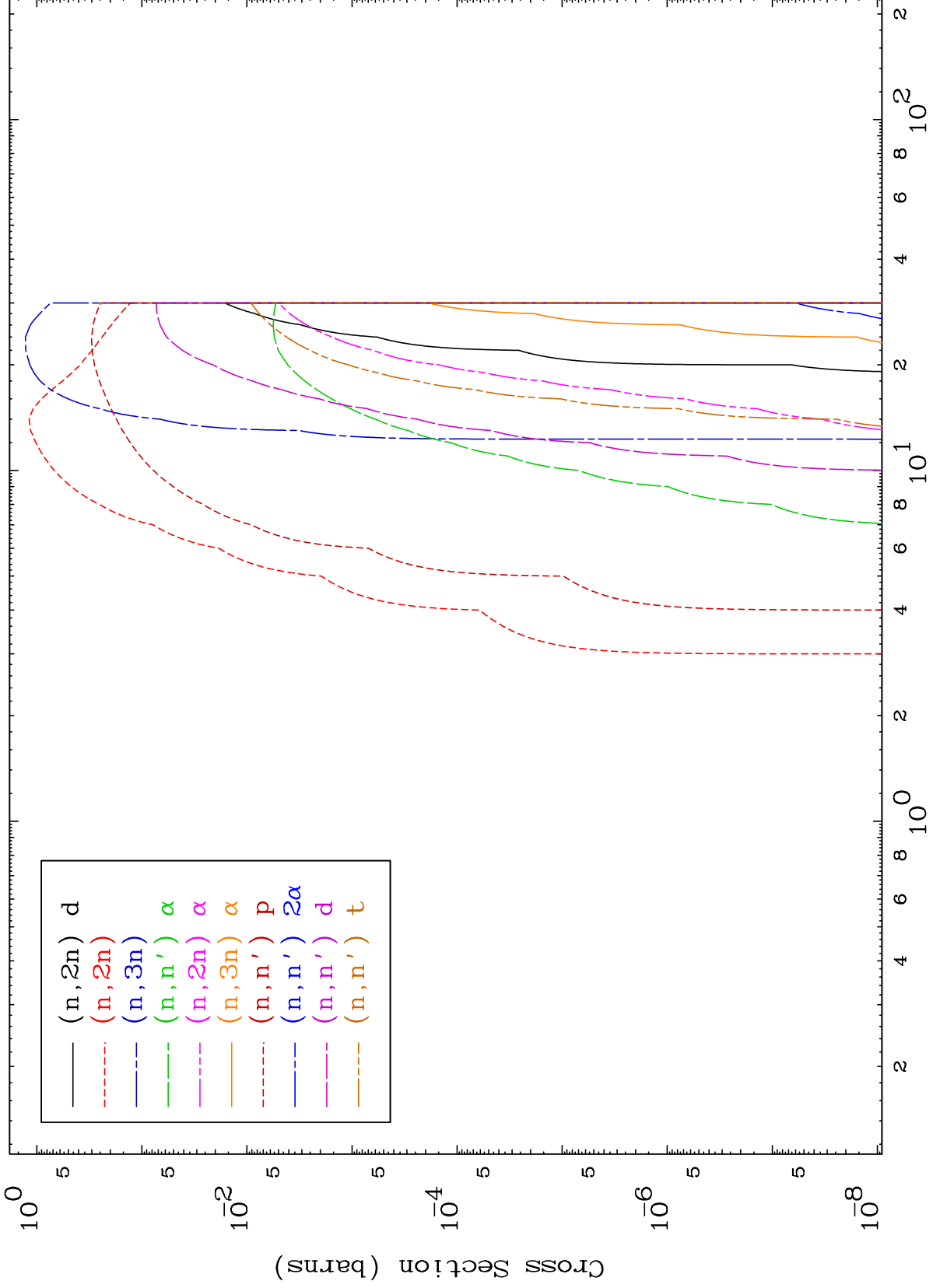
56-Ba-137m



MAT 5647

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

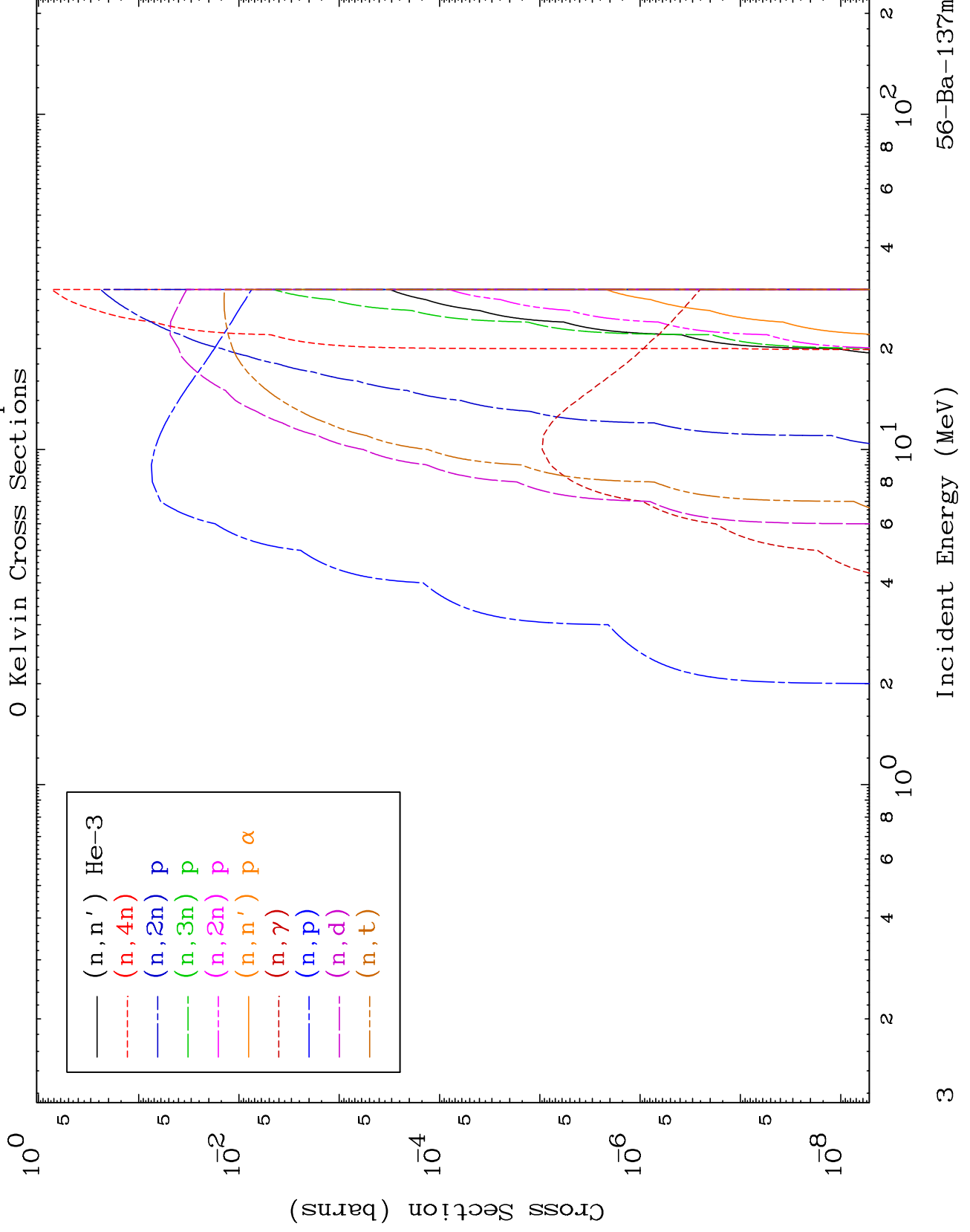
56-Ba-137m



MAT 5647

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

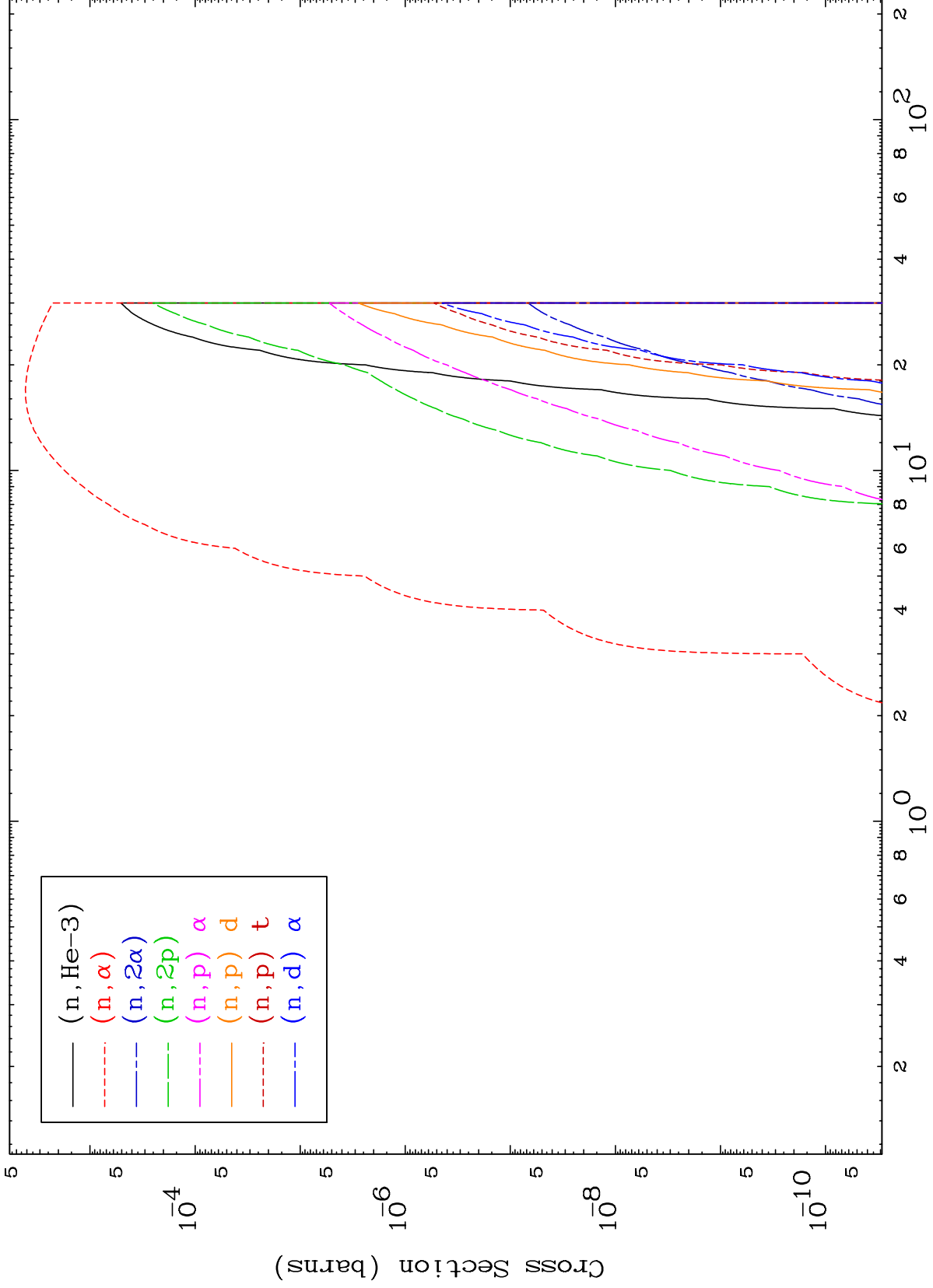
56-Ba-137m



MAT 5647

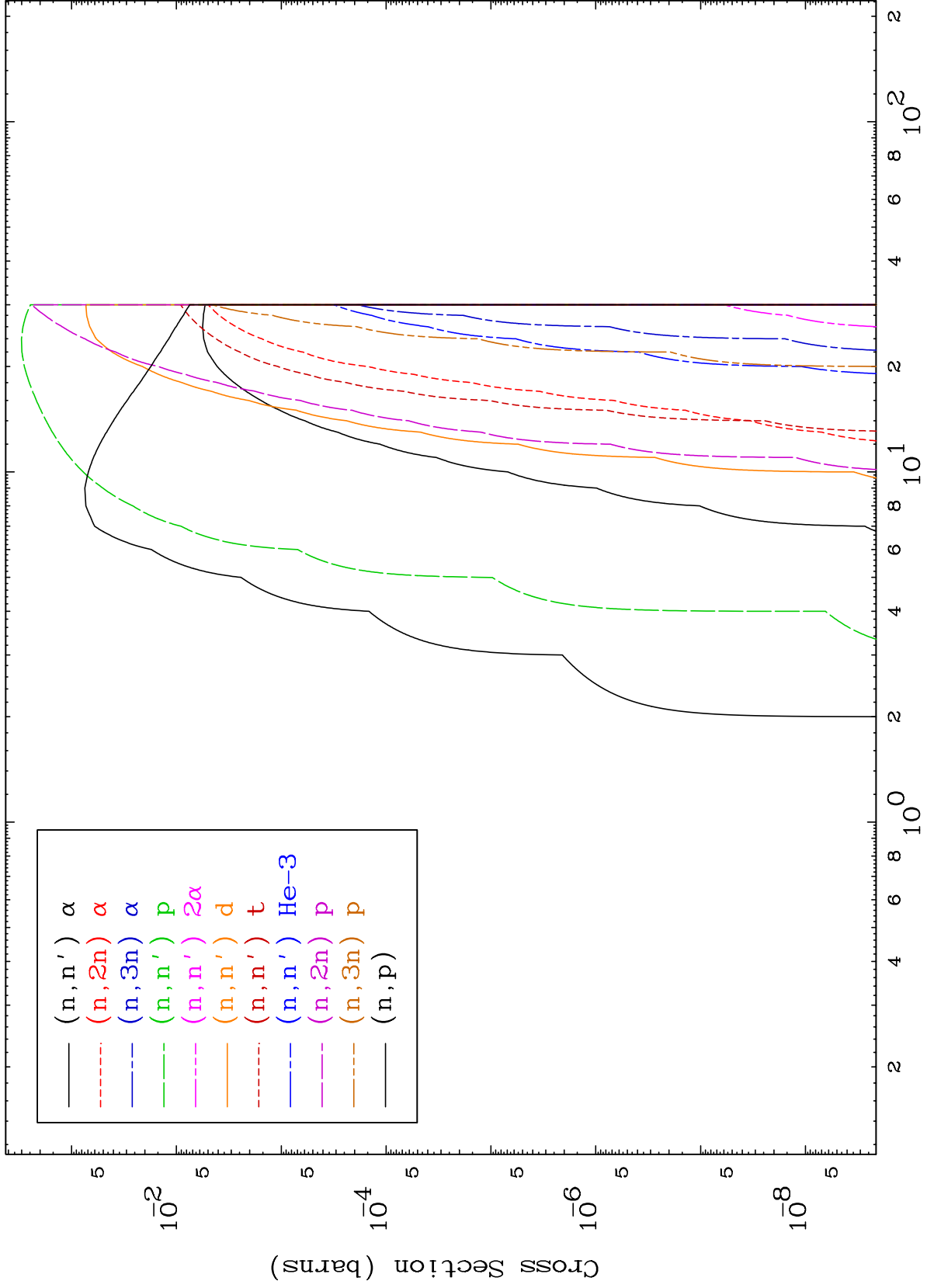
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-137m



56-Ba-137m

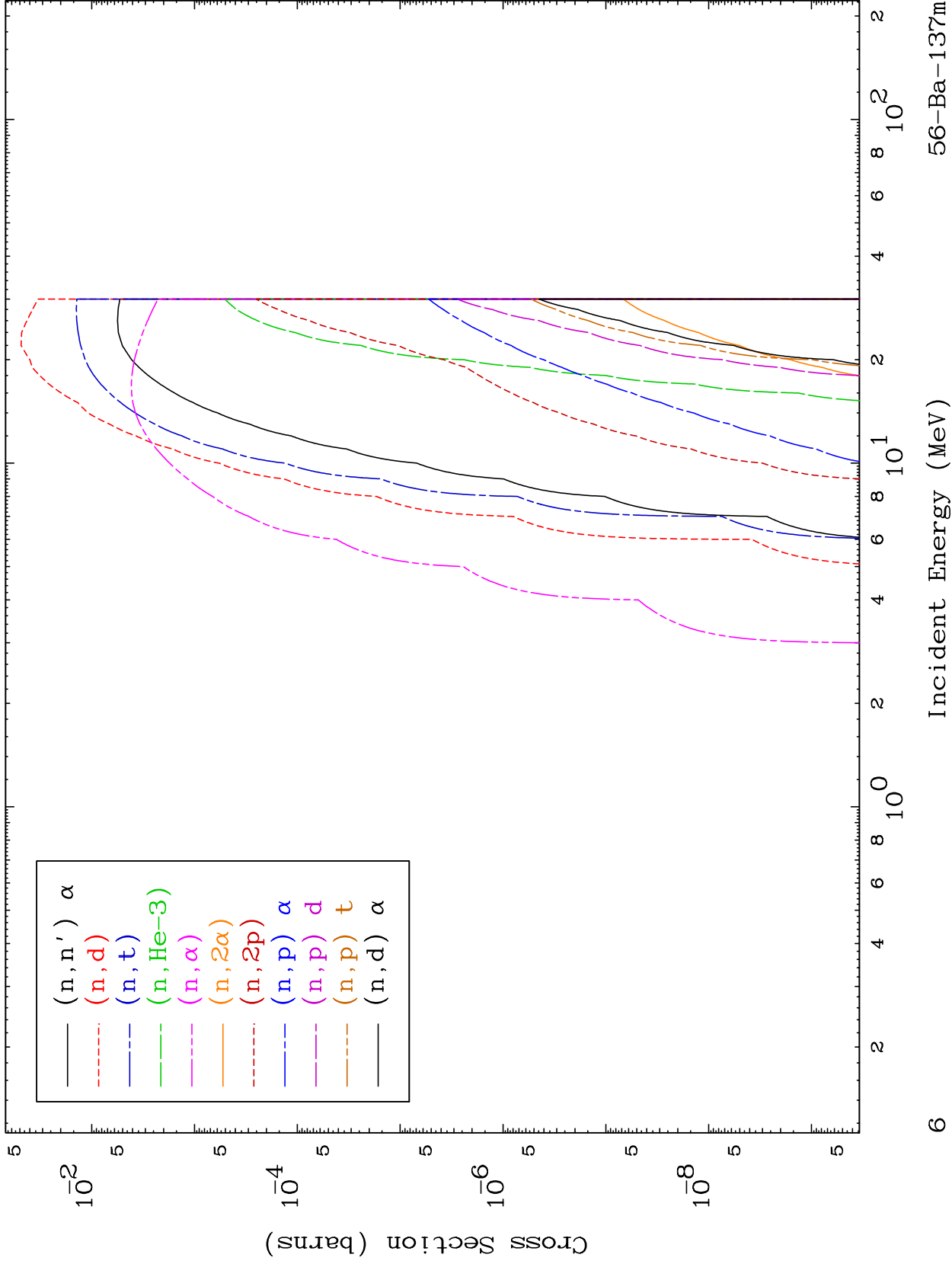
Incident Energy (MeV)



MAT 5647

Deuteron Charged Particle  
0 Kelvin Cross Sections

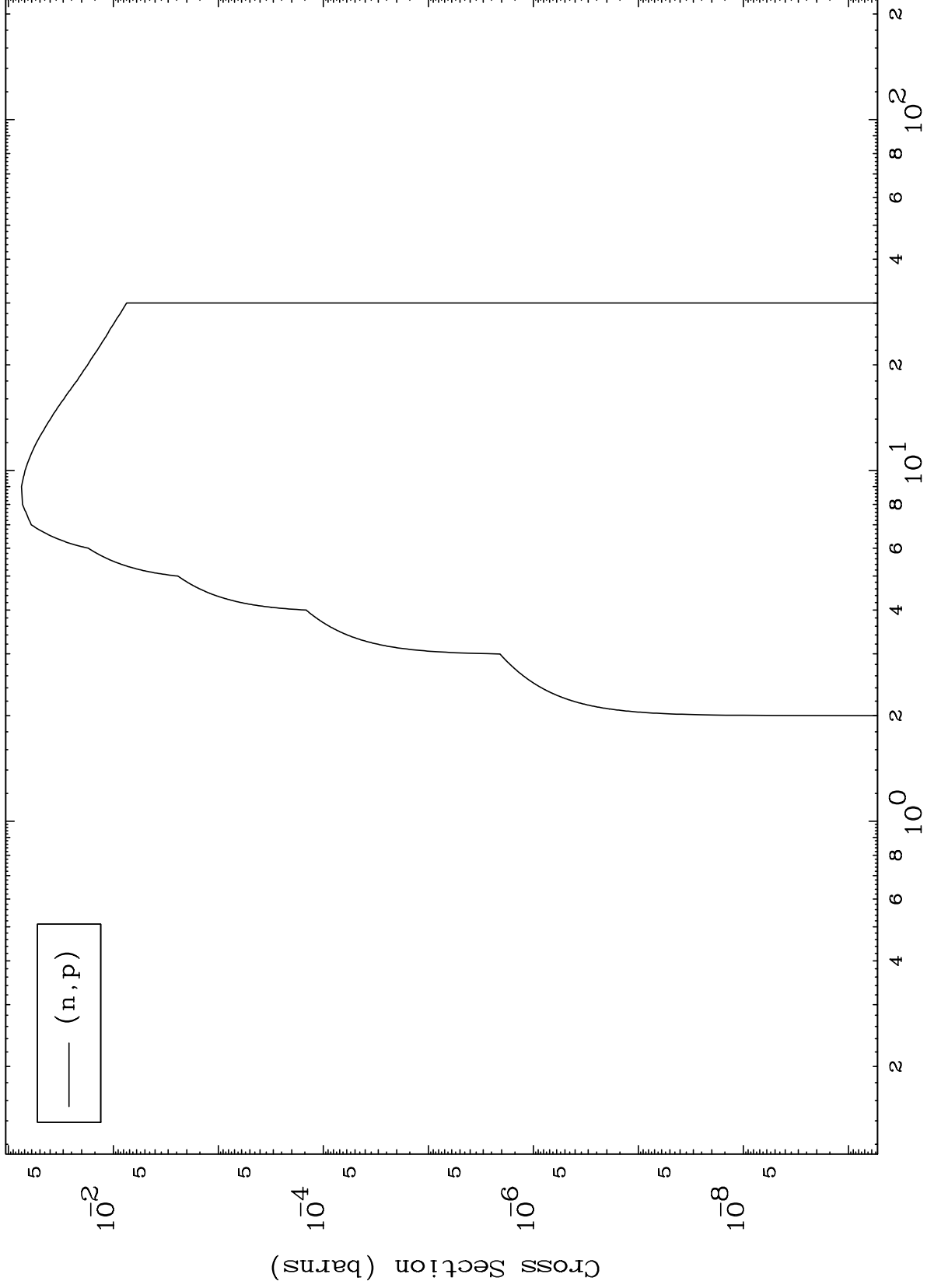
56-Ba-137m



MAT 5647

(d,p) Levels  
0 Kelvin Cross Sections

56-Ba-137m

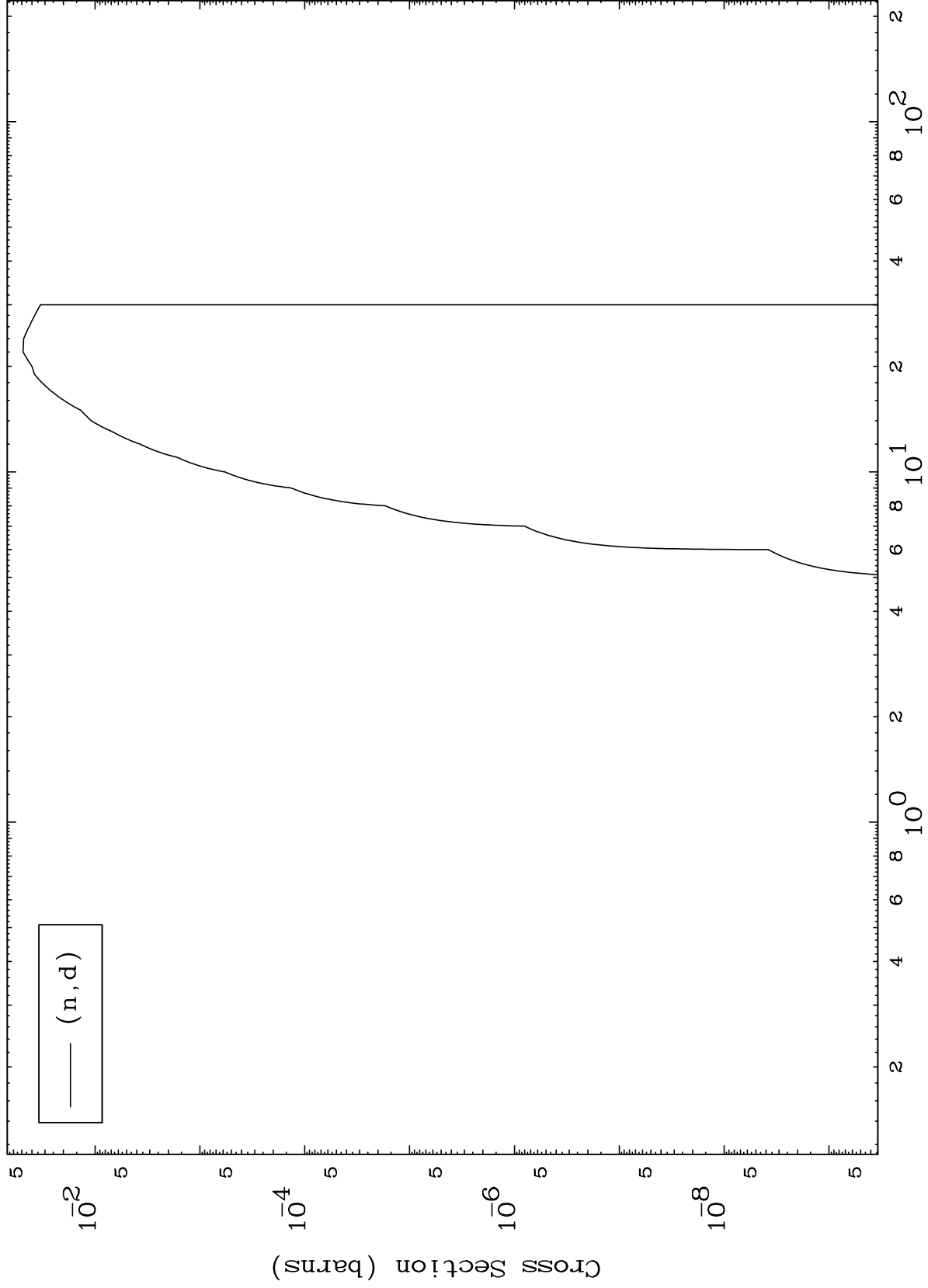


MAT 5647

(d,d) Levels

56-Ba-137m

0 Kelvin Cross Sections

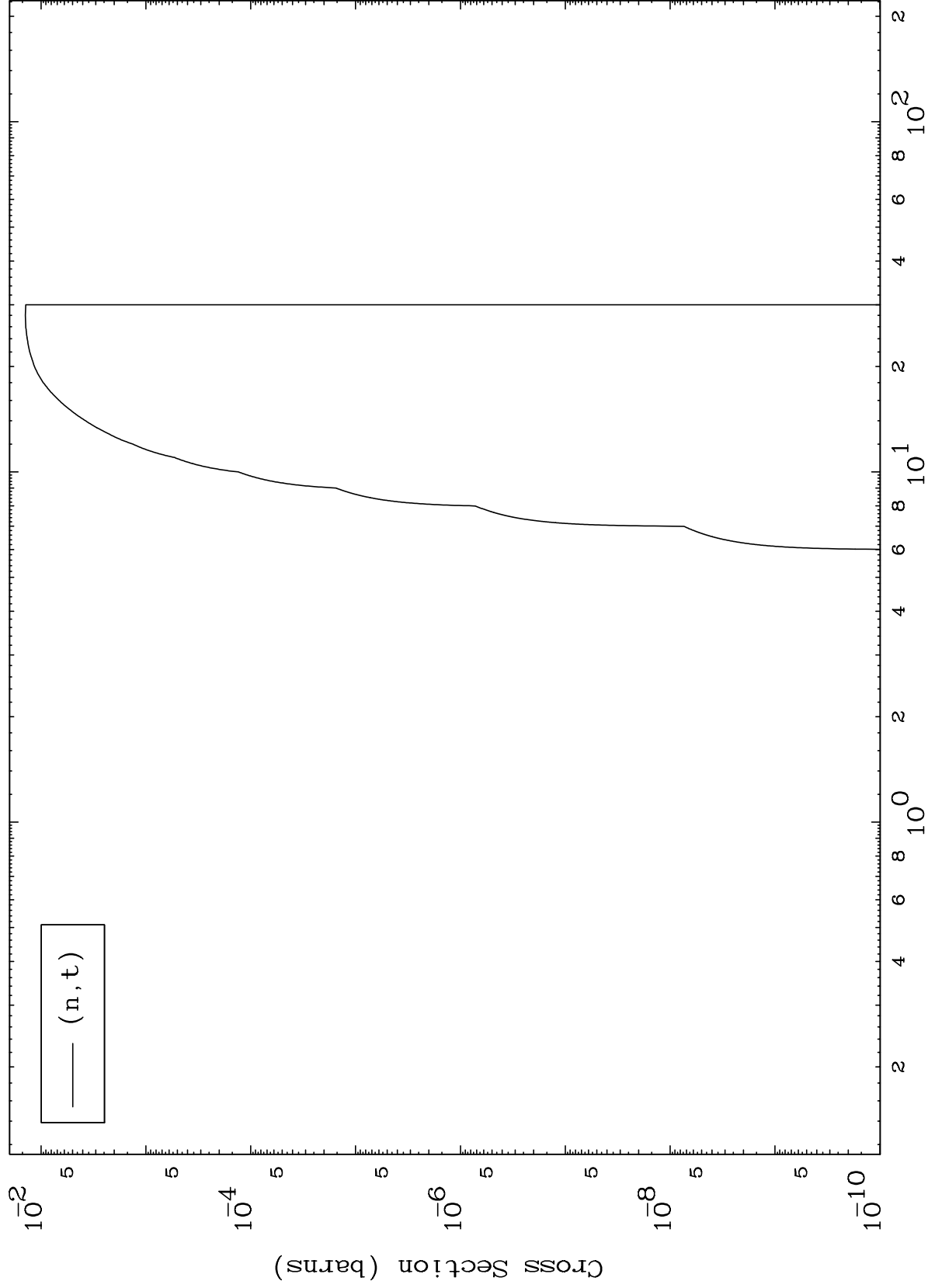


MAT 5647

(d,t) Levels

56-Ba-137m

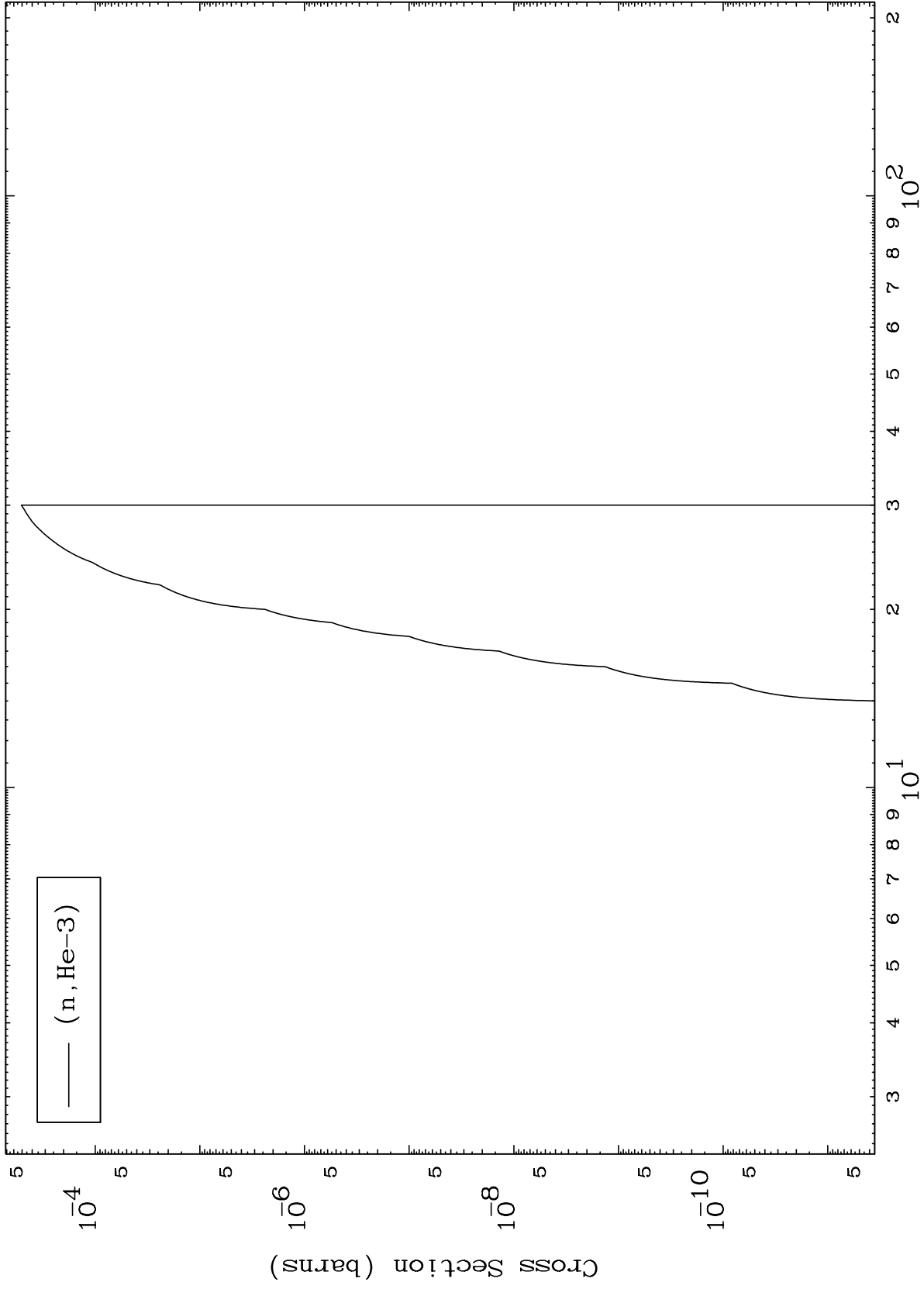
0 Kelvin Cross Sections



MAT 5647

(d,He3) Levels  
0 Kelvin Cross Sections

56-Ba-137m



10

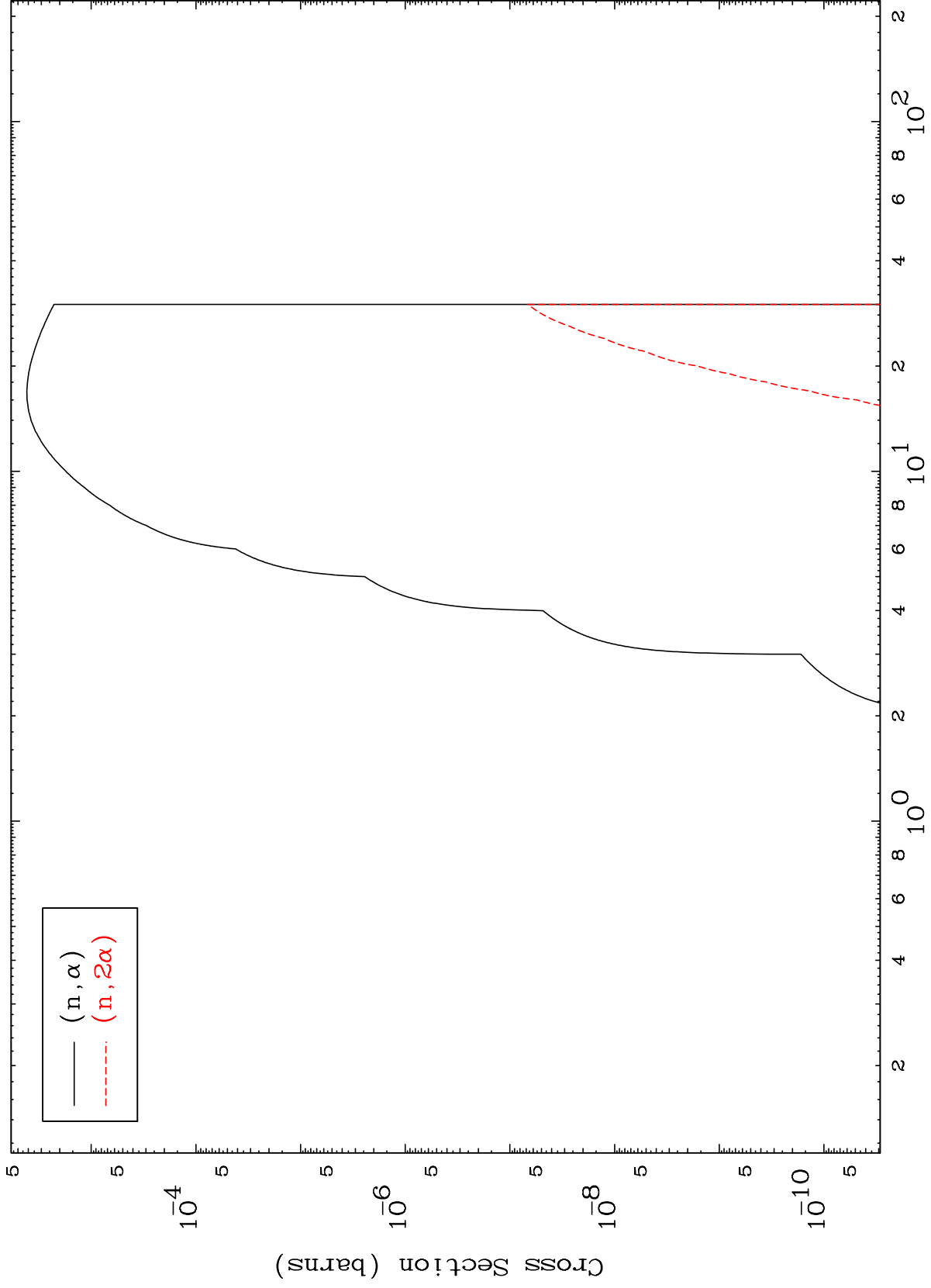
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

56-Ba-137m

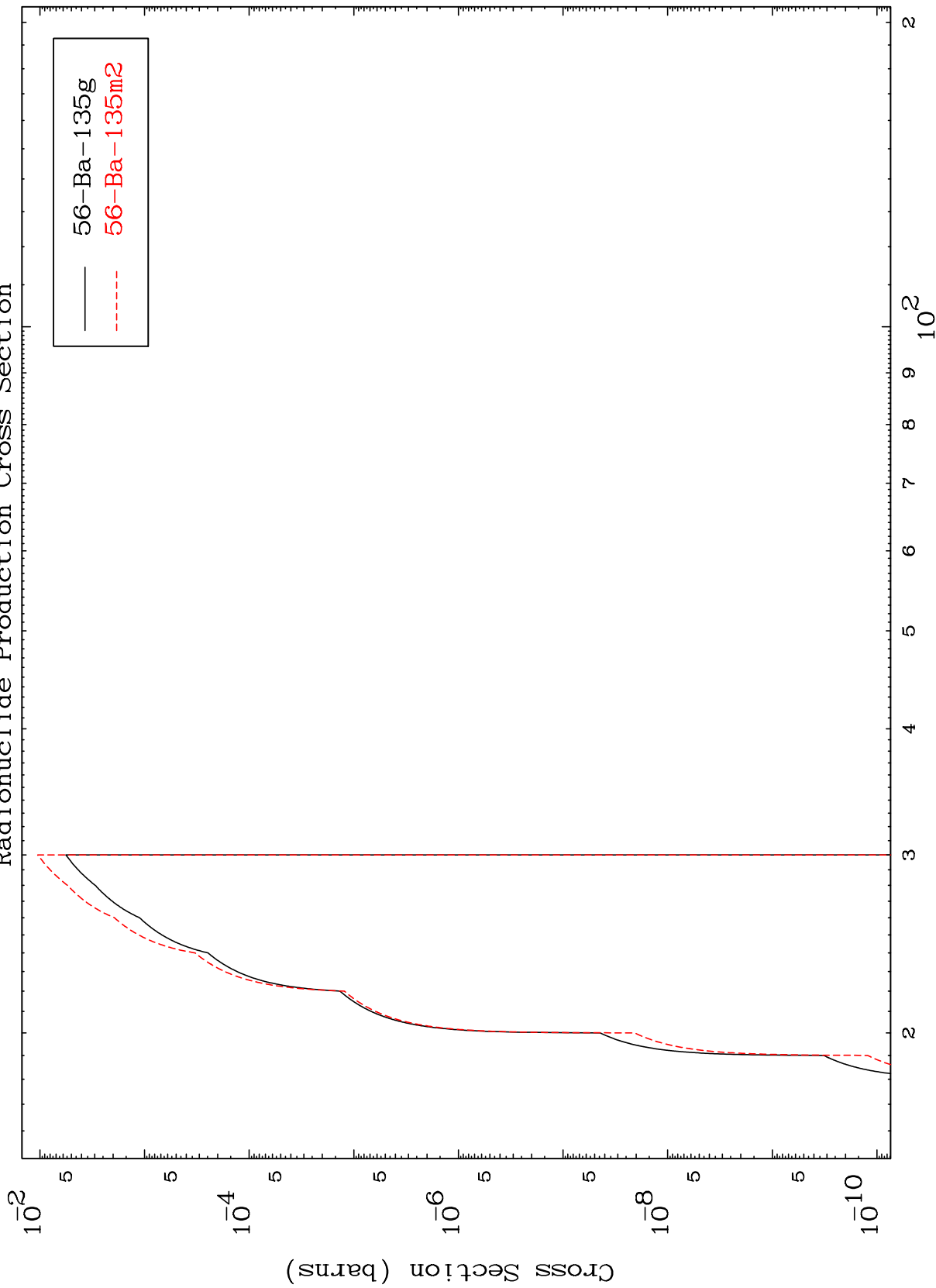


MAT 5647

(n,2n) d

56-Ba-137m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

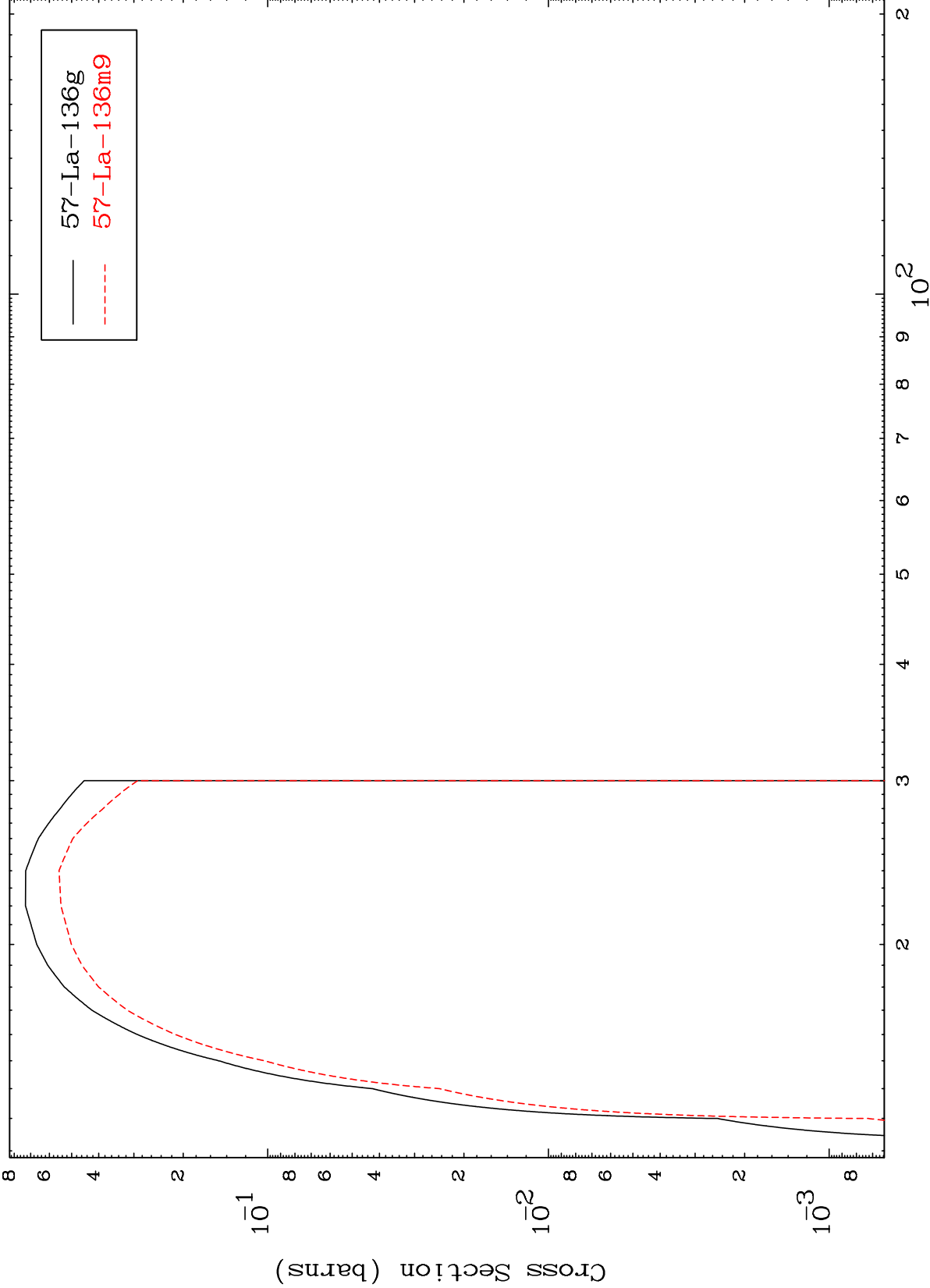
56-Ba-137m

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(n,3n)

56-Ba-137m

Radionuclide Production Cross Section



57-La-136g  
57-La-136m9

13

Incident Energy (MeV)

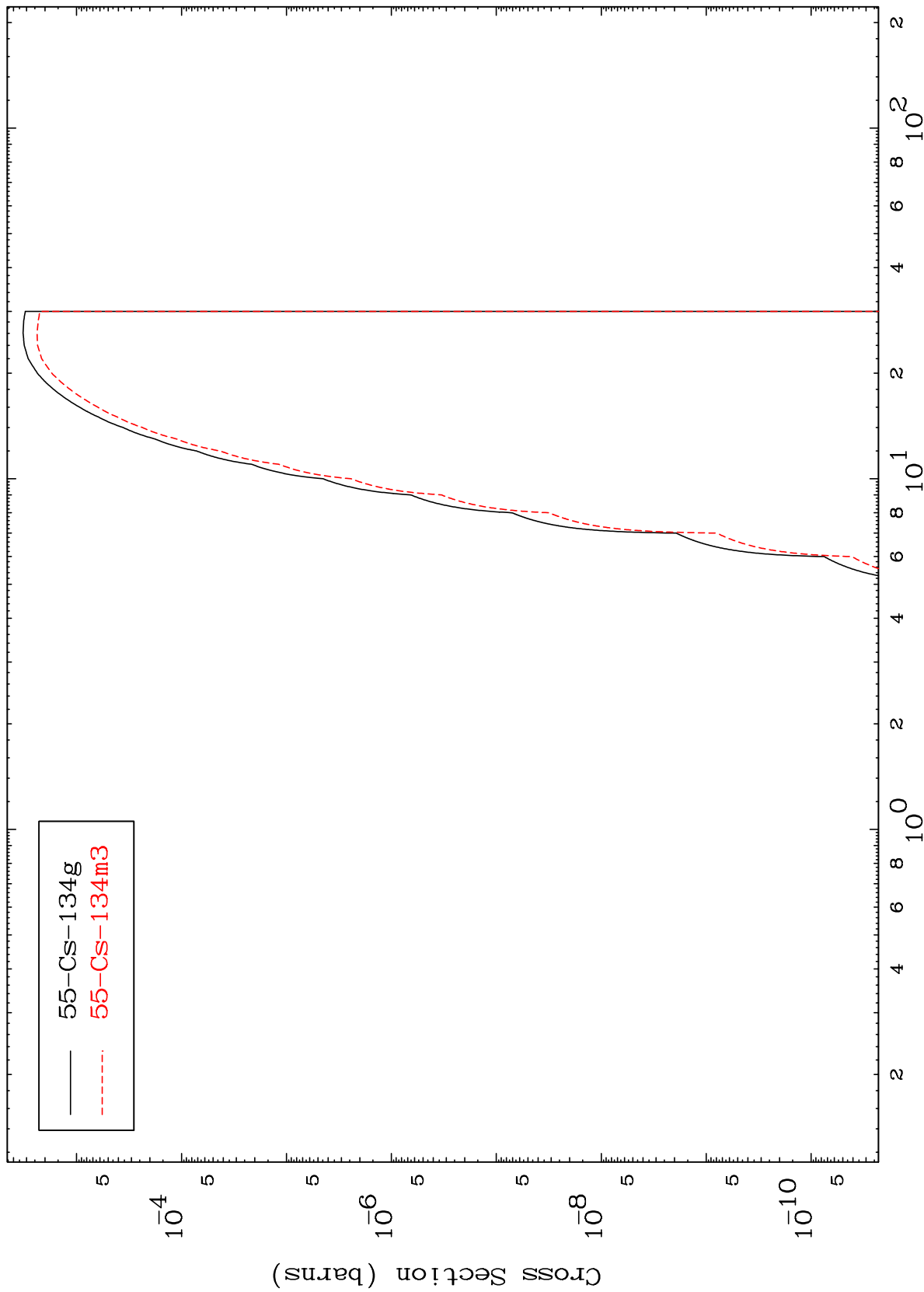
56-Ba-137m

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(n,n')  $\alpha$

56-Ba-137m

Radionuclide Production Cross Section

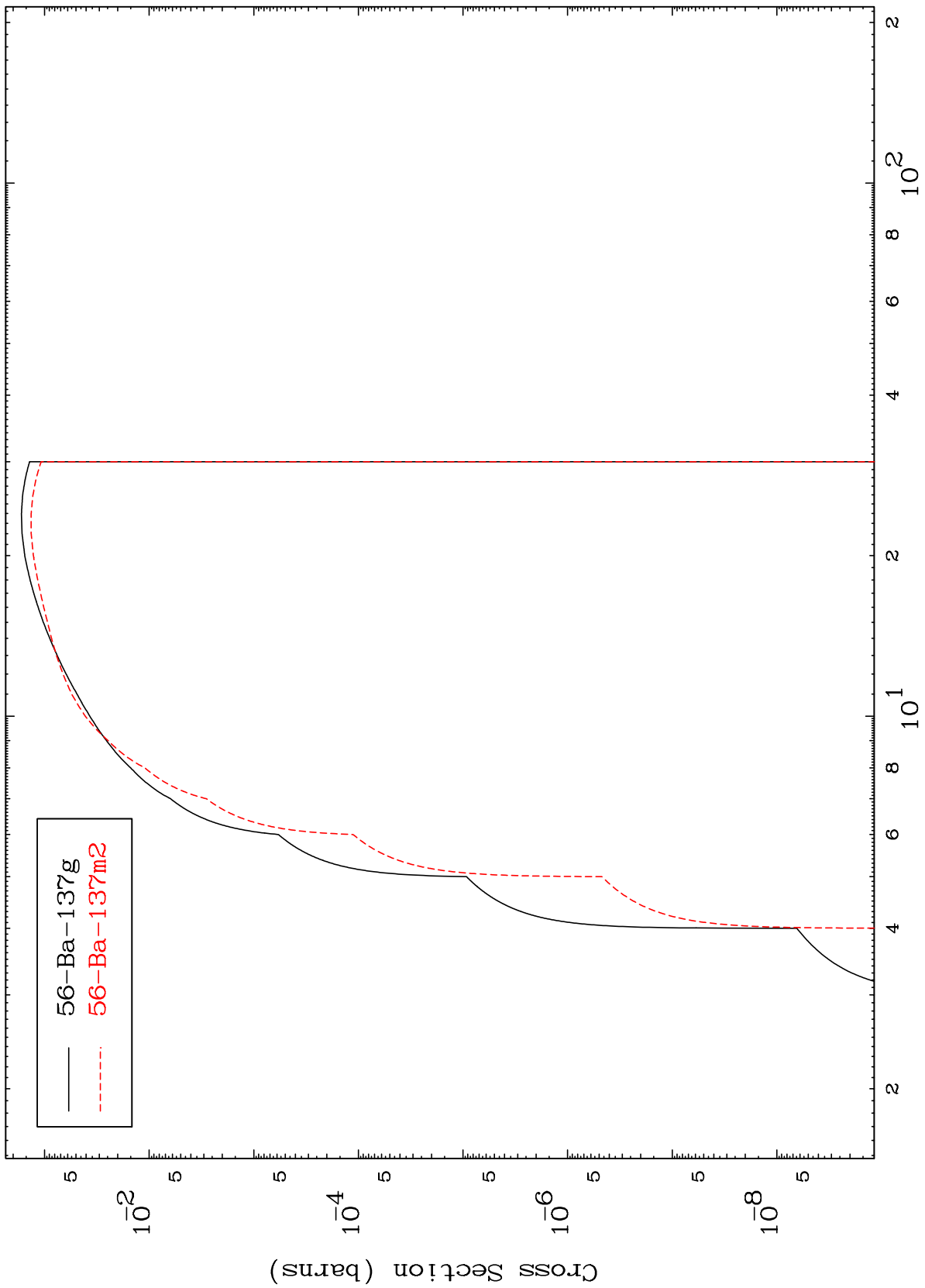


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(n,n') p

56-Ba-137m

Radionuclide Production Cross Section



15

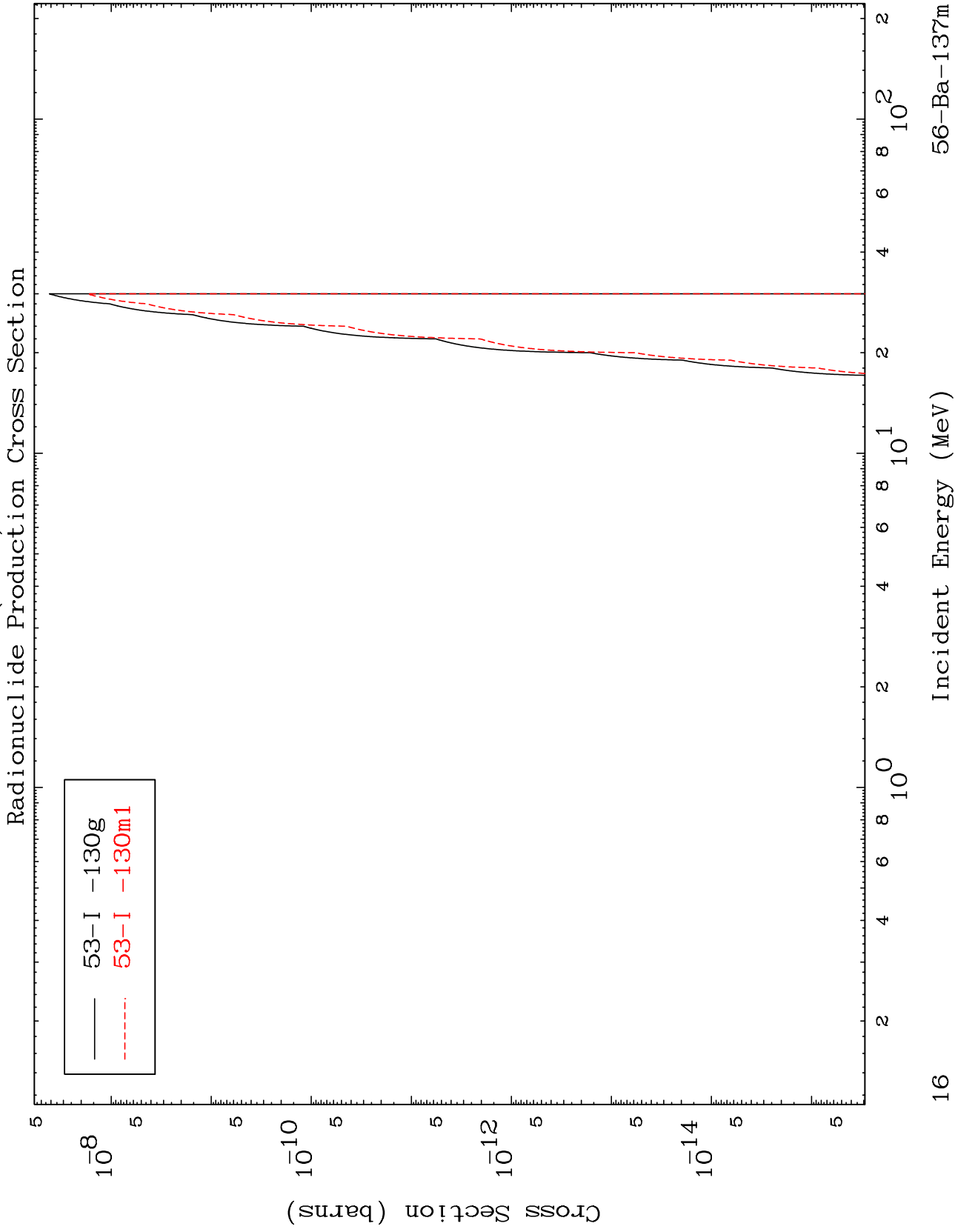
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(n,n') 2 $\alpha$

56-Ba-137m

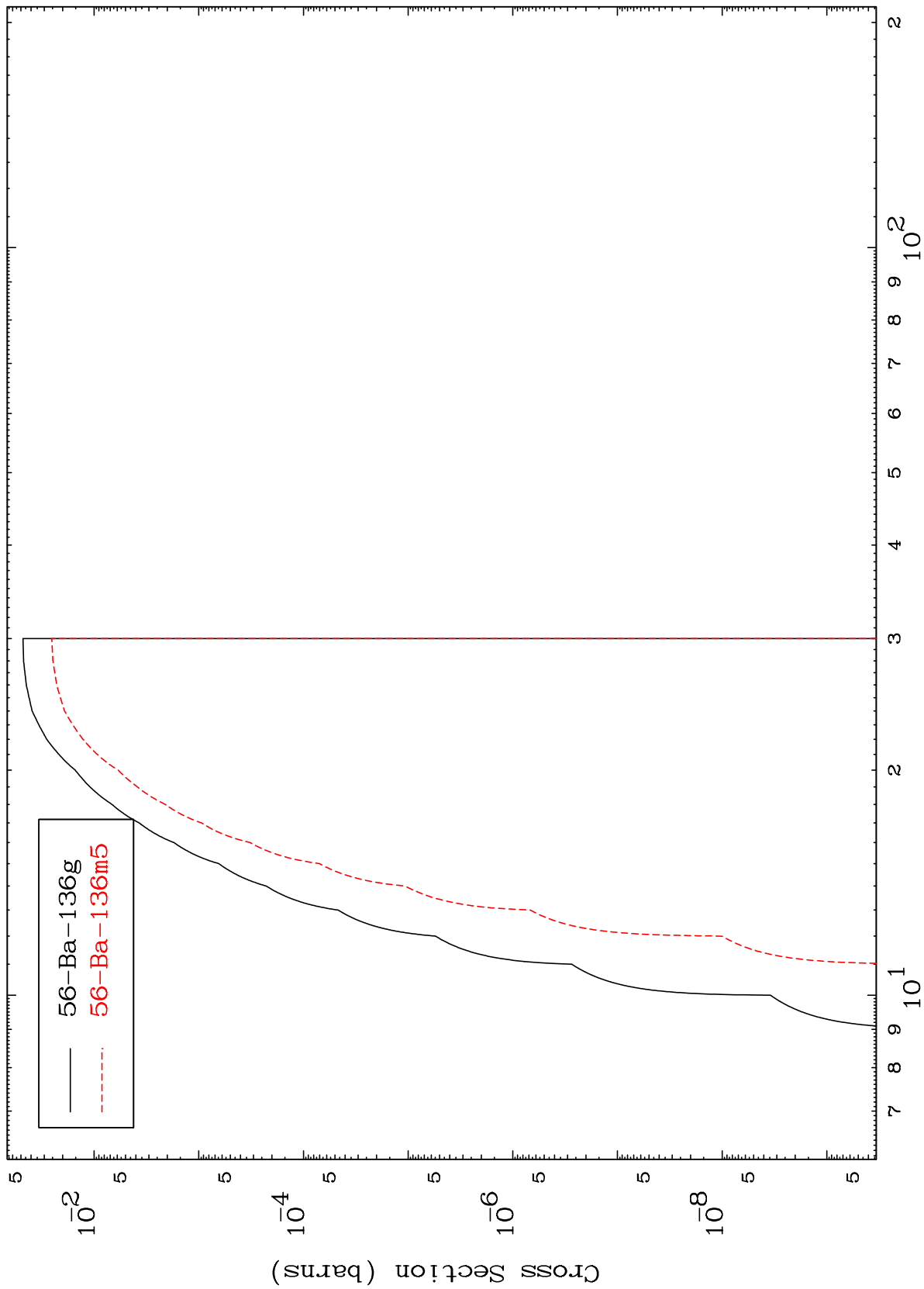


MAT 5647

(n,n') d

56-Ba-137m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

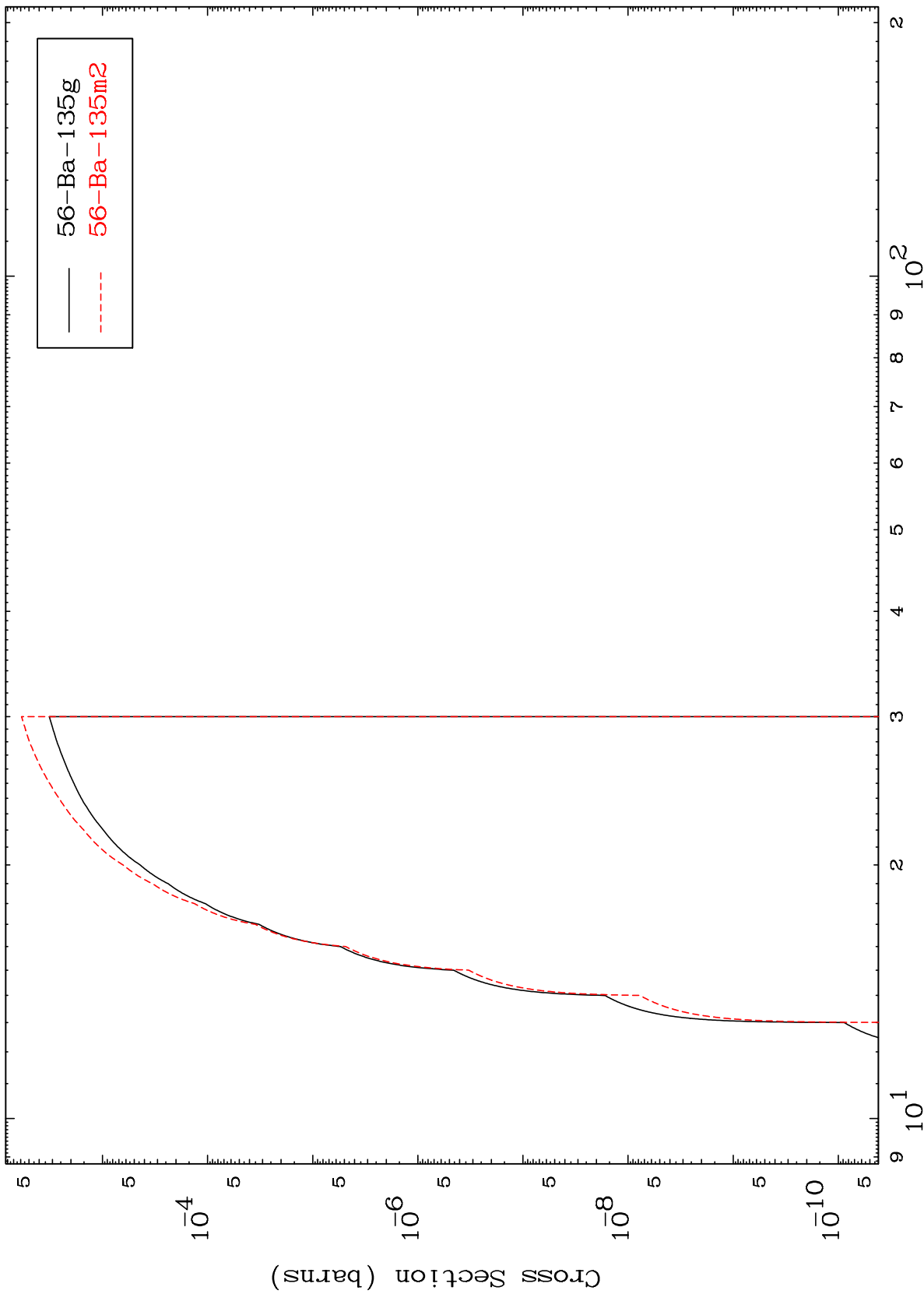
56-Ba-137m

MAT 5647

(n,n') t

56-Ba-137m

Radionuclide Production Cross Section



Incident Energy (MeV)

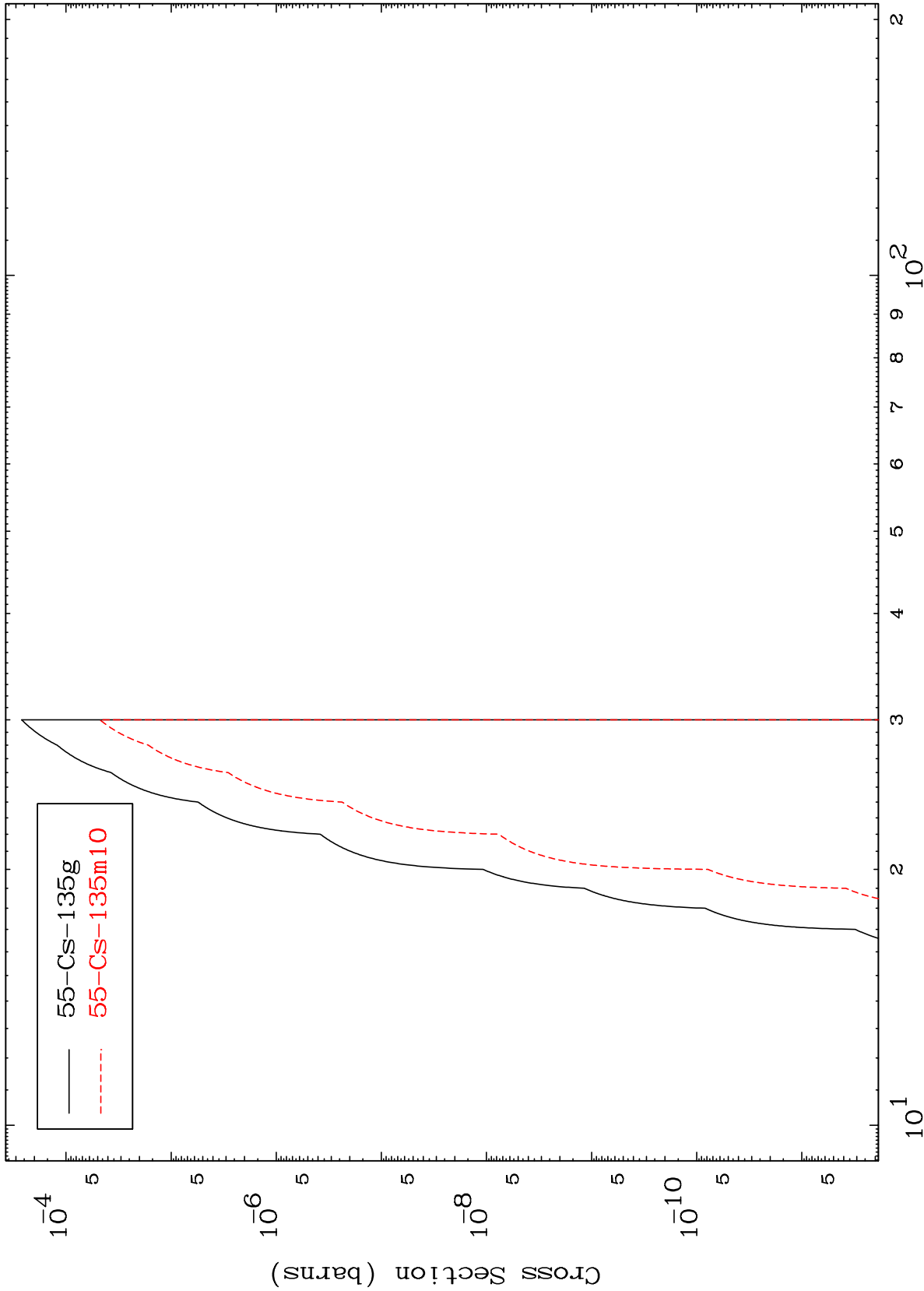
56-Ba-137m

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(n,n') He-3

56-Ba-137m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

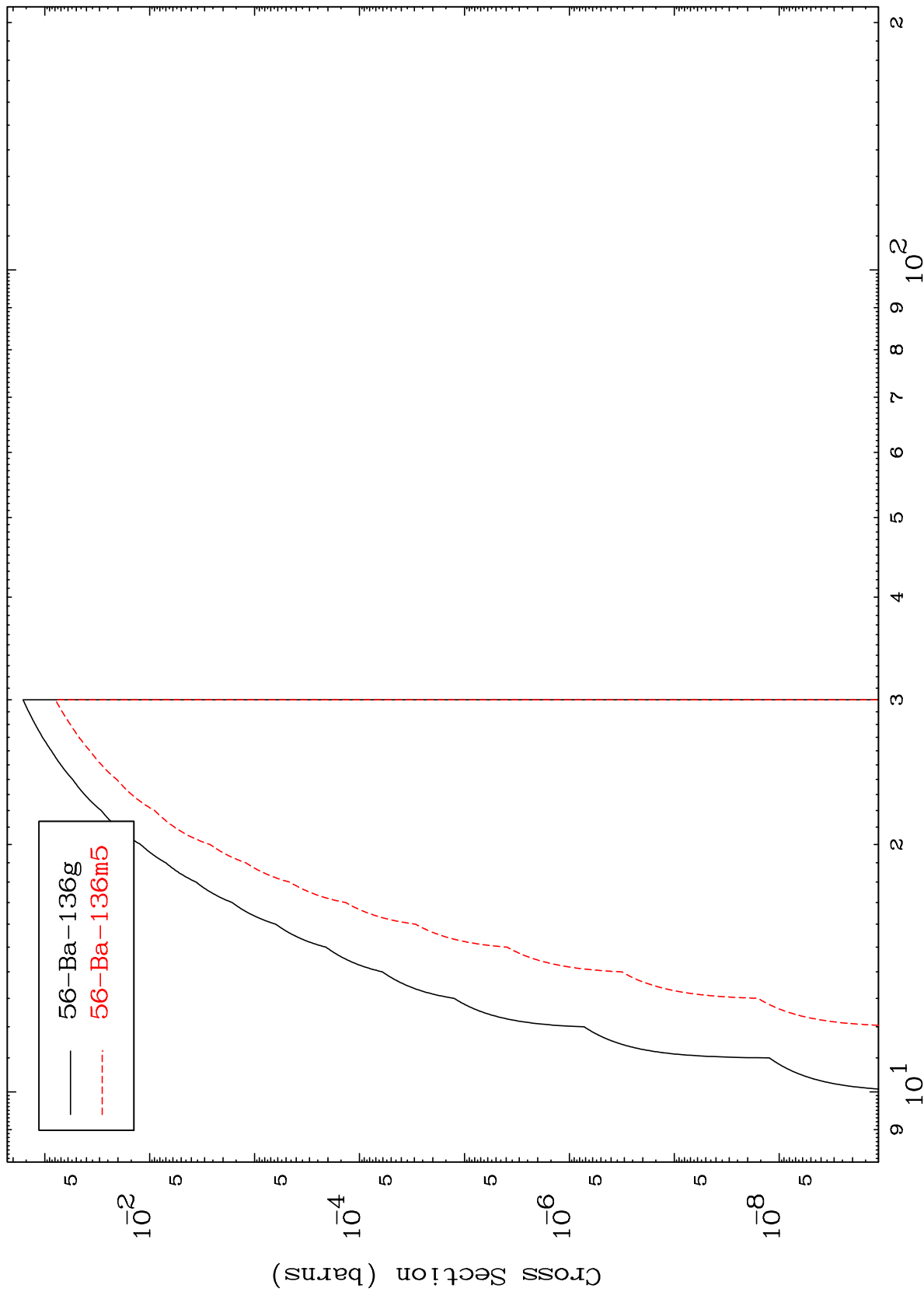
56-Ba-137m

MAT 5647

(n,2n) p

56-Ba-137m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

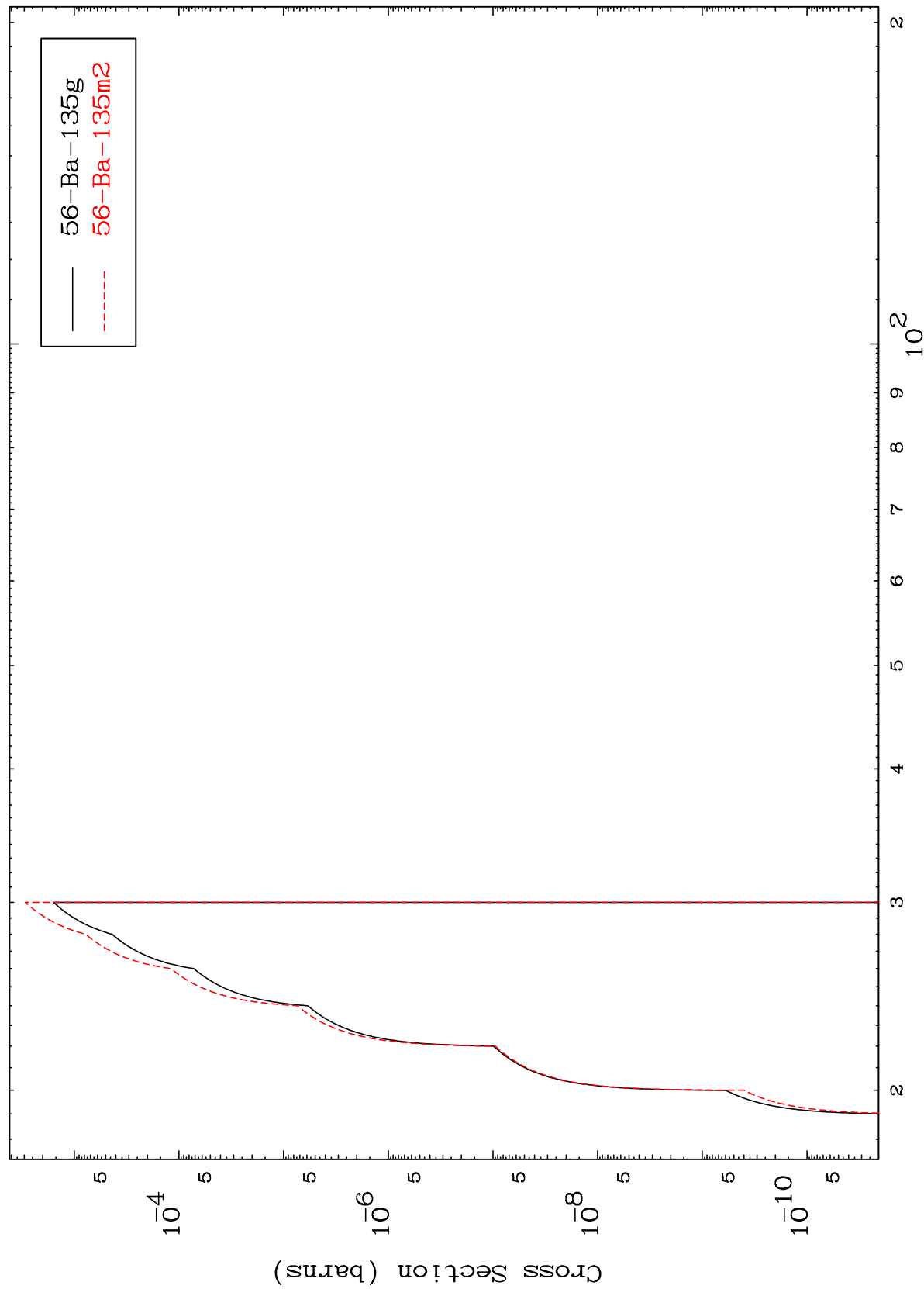
56-Ba-137m

MAT 5647

(n,3n) p

56-Ba-137m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

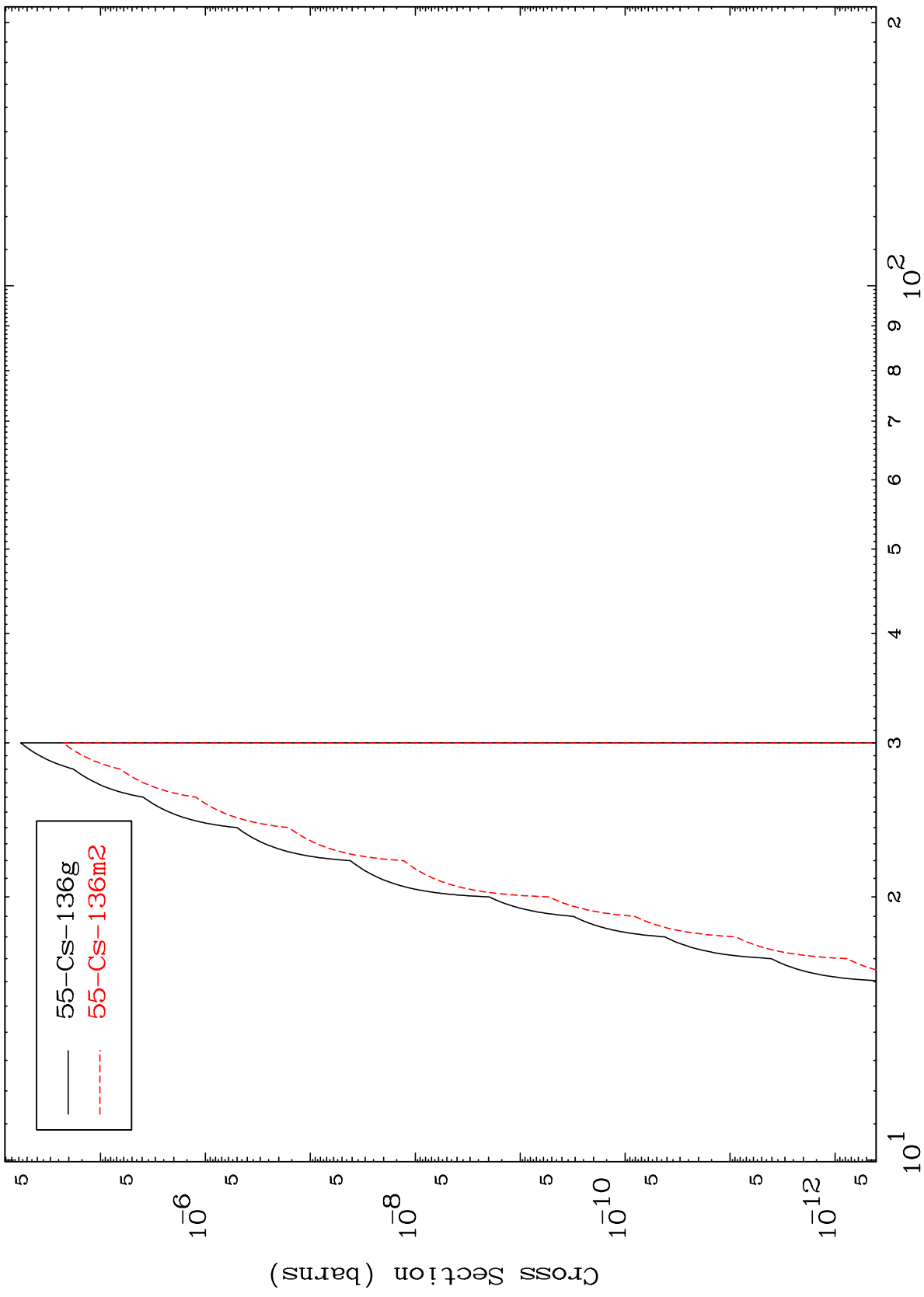
56-Ba-137m

MAT 5647

(n,2n) p

56-Ba-137m

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-137m

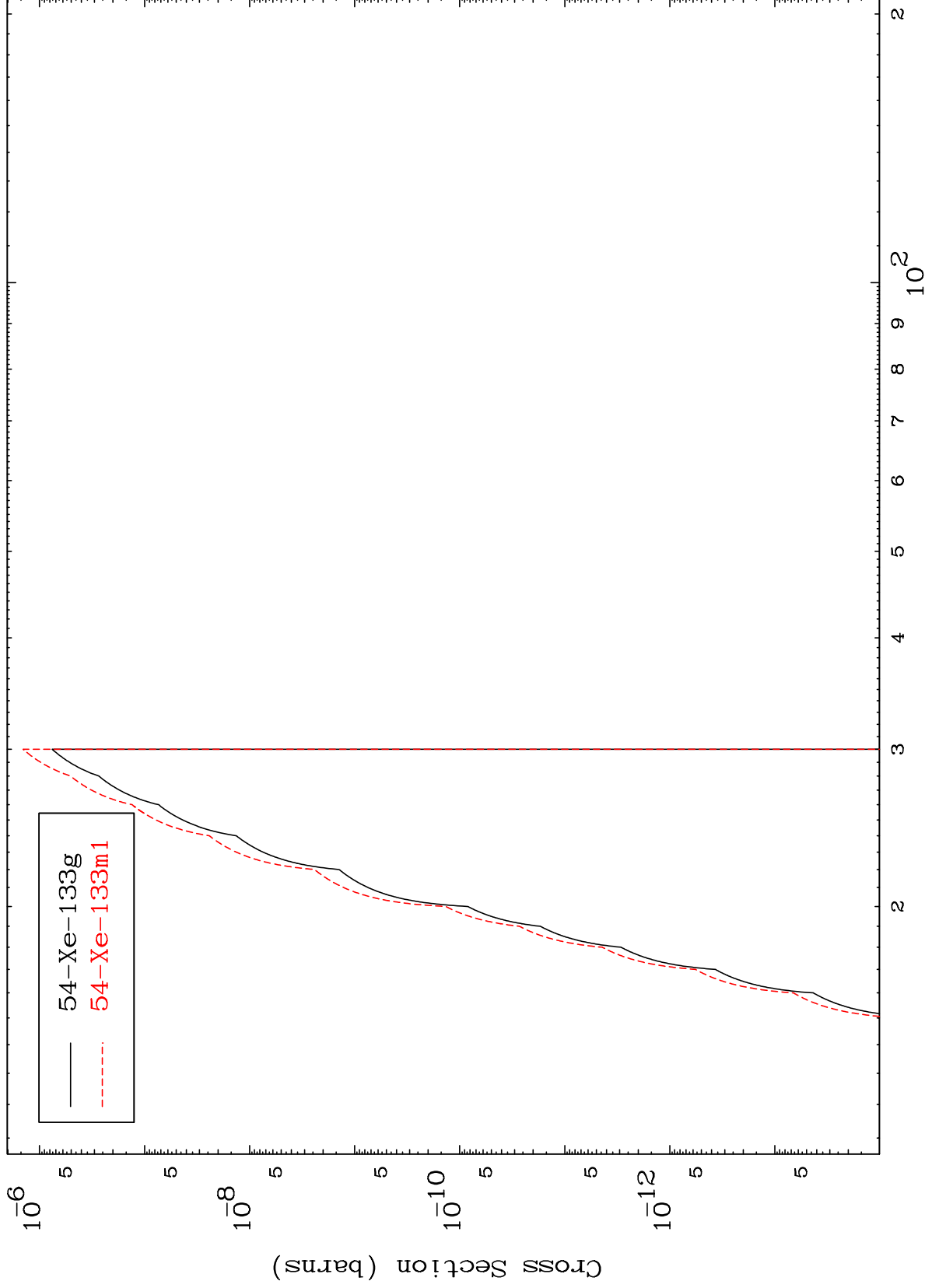
22

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(n,n') p  $\alpha$

56-Ba-137m

Radionuclide Production Cross Section

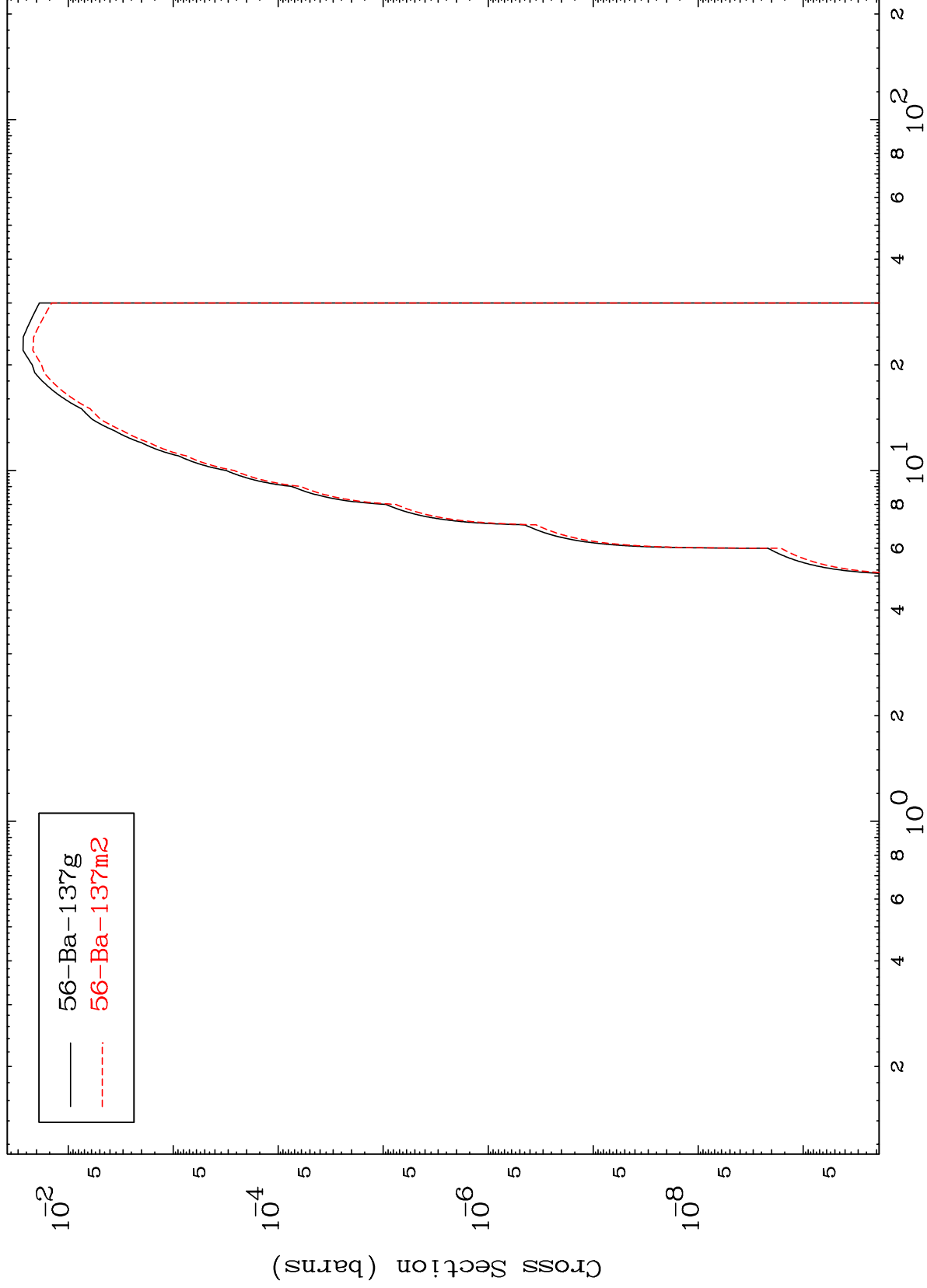


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(n, d)

56-Ba-137m

Radionuclide Production Cross Section



24

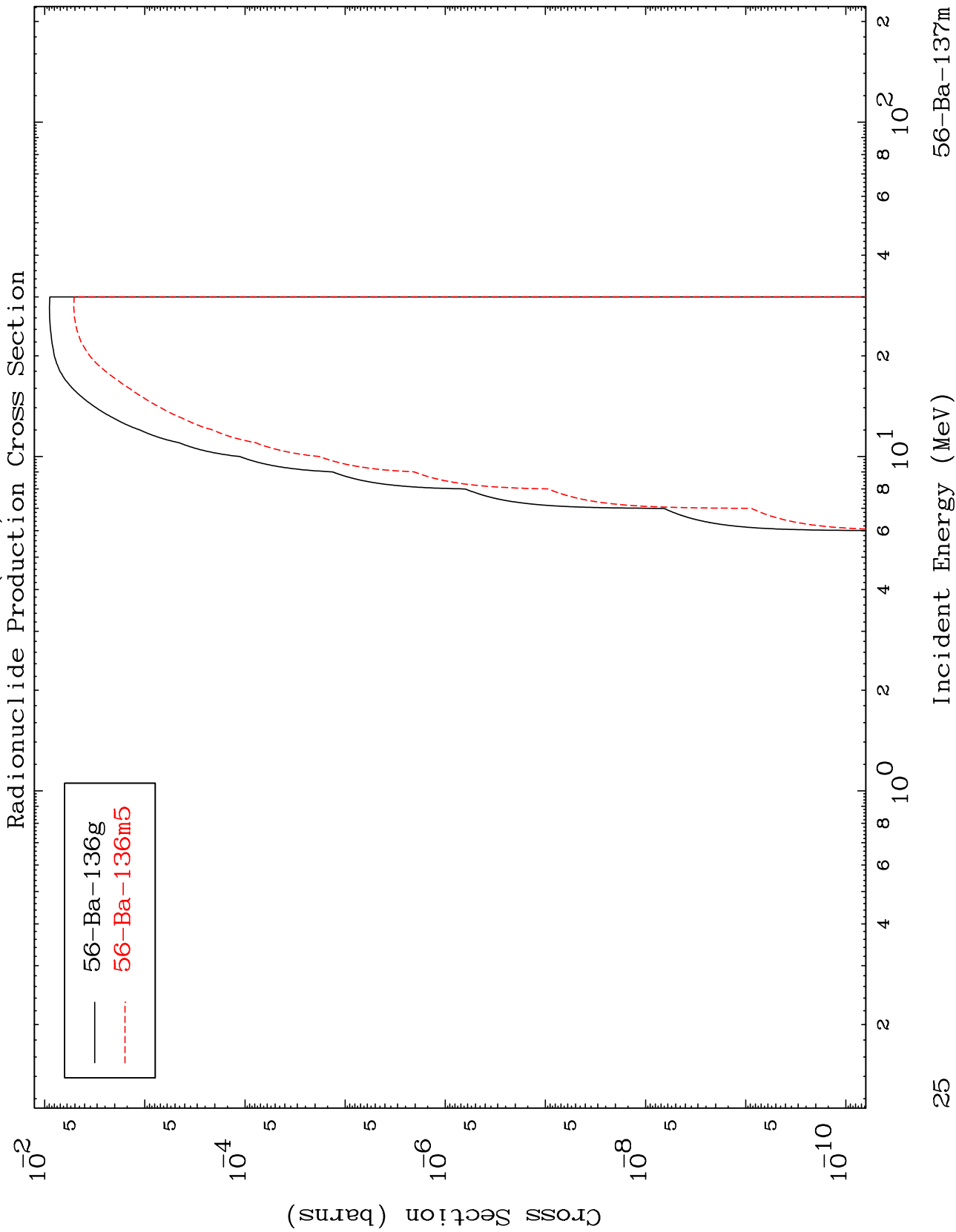
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(n, t)

56-Ba-137m

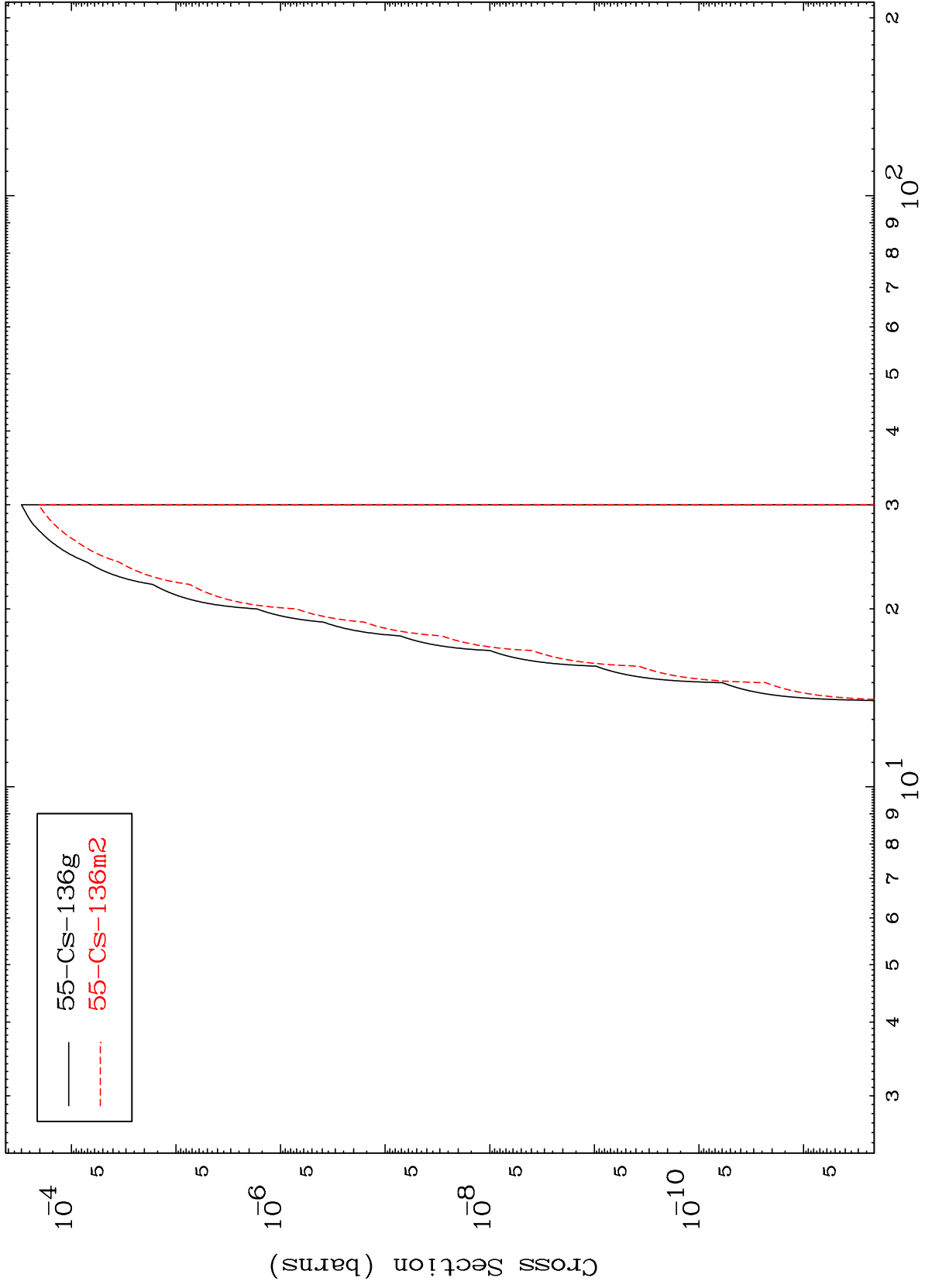


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(n,He-3)

56-Ba-137m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

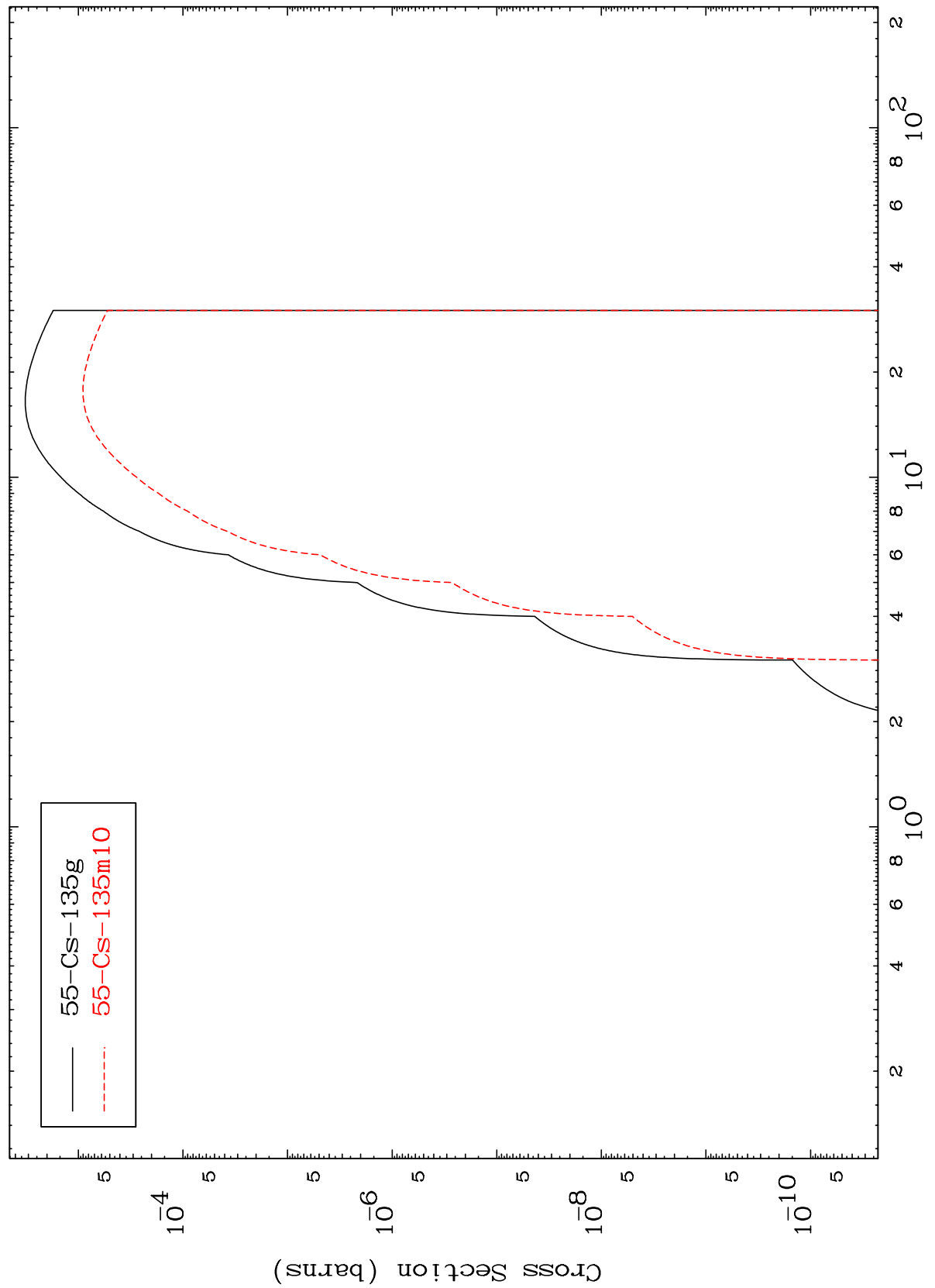
56-Ba-137m

26

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56-Ba-137m

(n,  $\alpha$ )  
Radionuclide Production Cross Section



56-Ba-137m

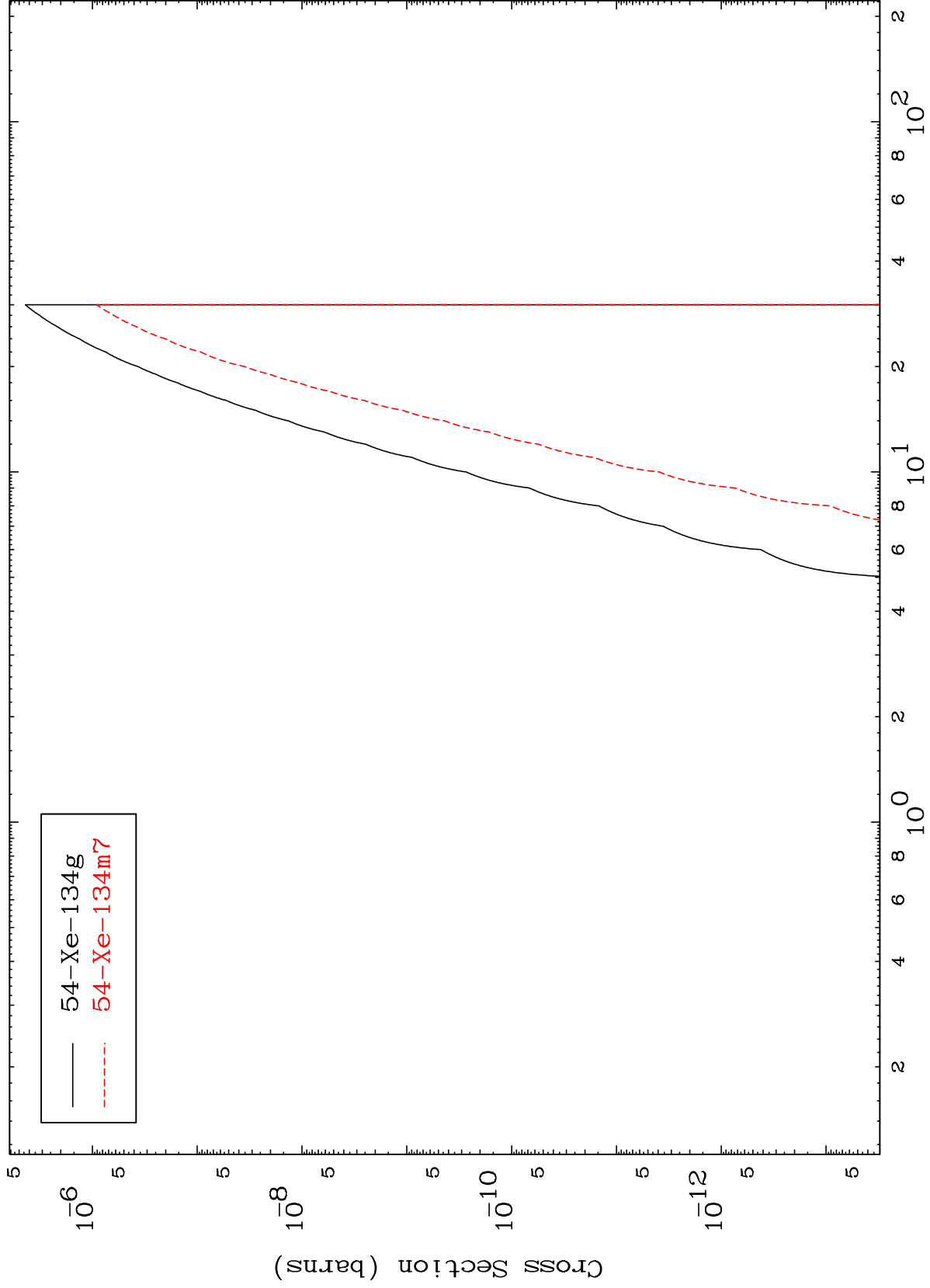
Incident Energy (MeV)

MAT 5647

(n,p)  $\alpha$

56-Ba-137m

Radionuclide Production Cross Section



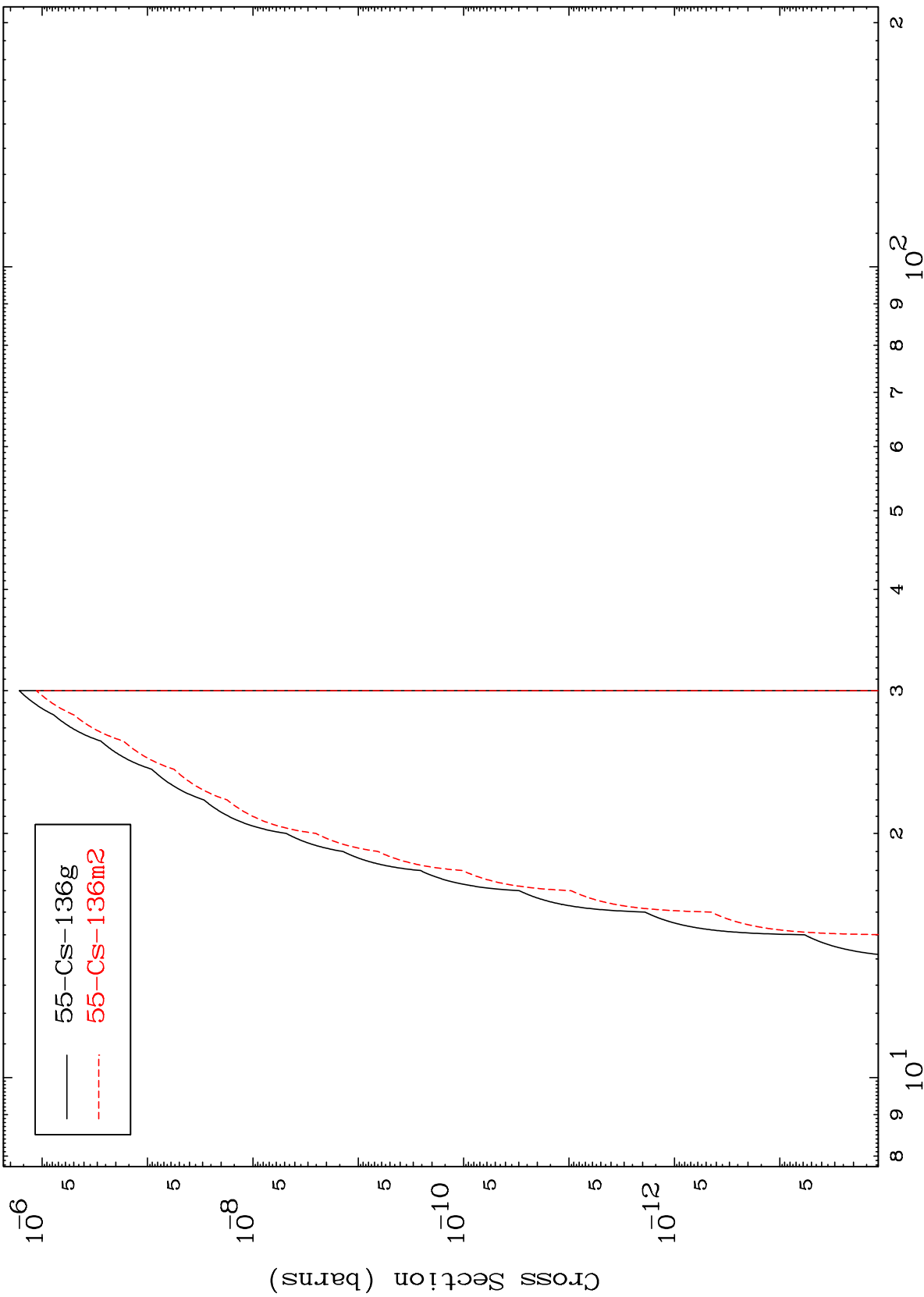
54-Xe-134g  
54-Xe-134m7

MAT 5647

(n,p) d

56-Ba-137m

Radionuclide Production Cross Section



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

29

Incident Energy (MeV)

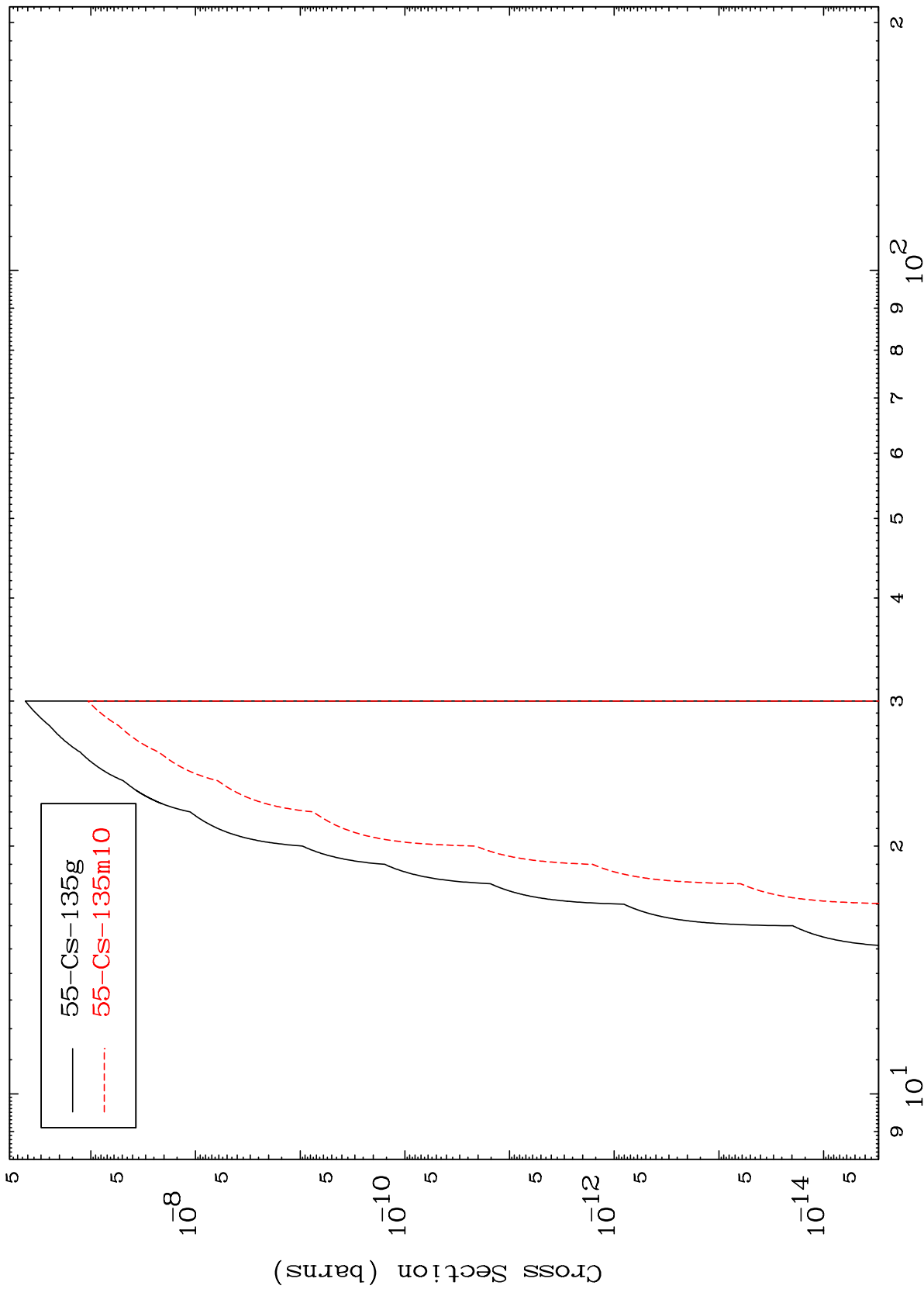
56-Ba-137m

MAT 5647

(n,p) t

56-Ba-137m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

56-Ba-137m

MAT 5647

(n,d)  $\alpha$

56-Ba-137m

Radionuclide Production Cross Section

