

Program EVALPLOT  
(Version 2018-1)

by

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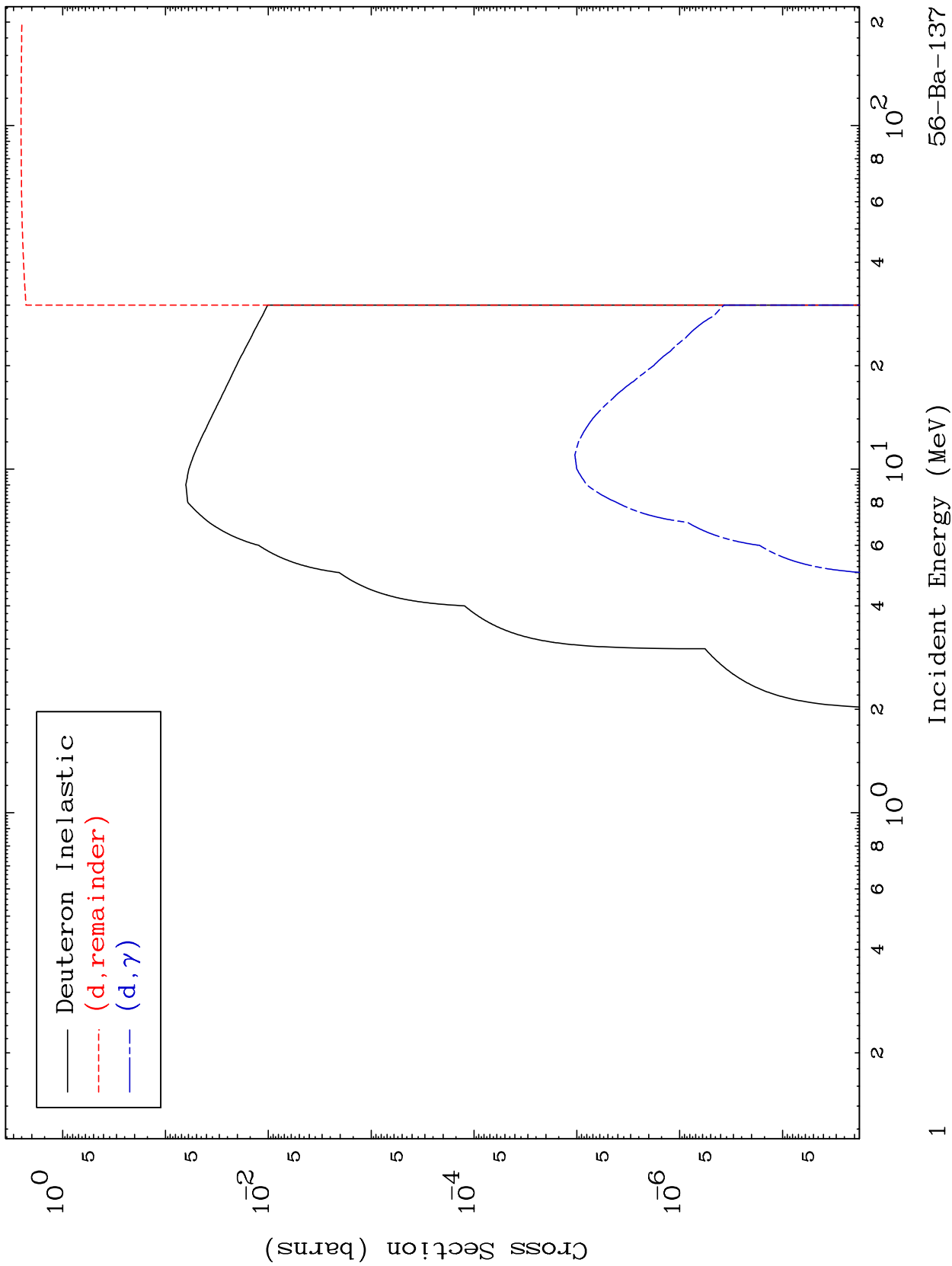
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

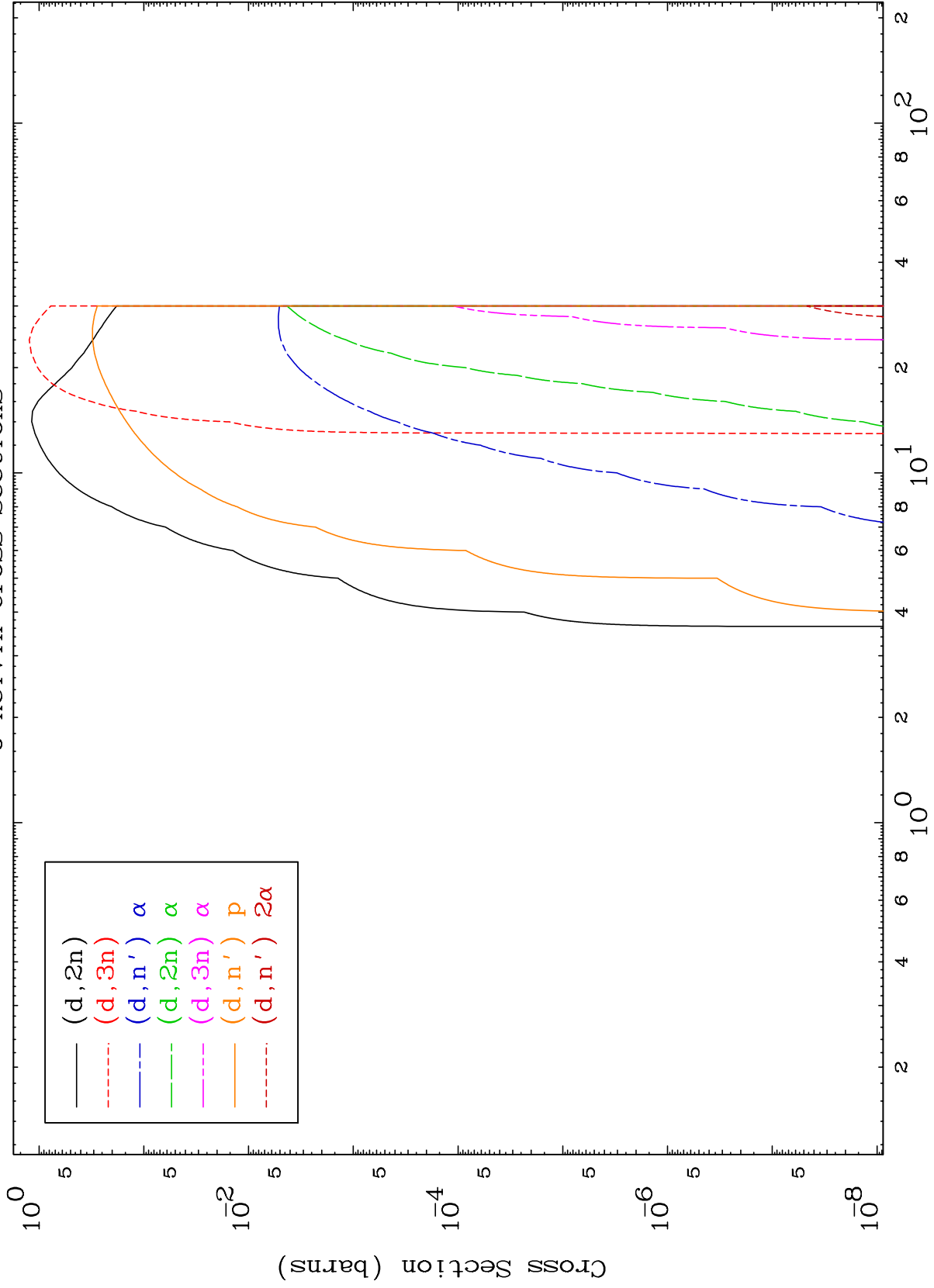
Press Mouse Button to Start

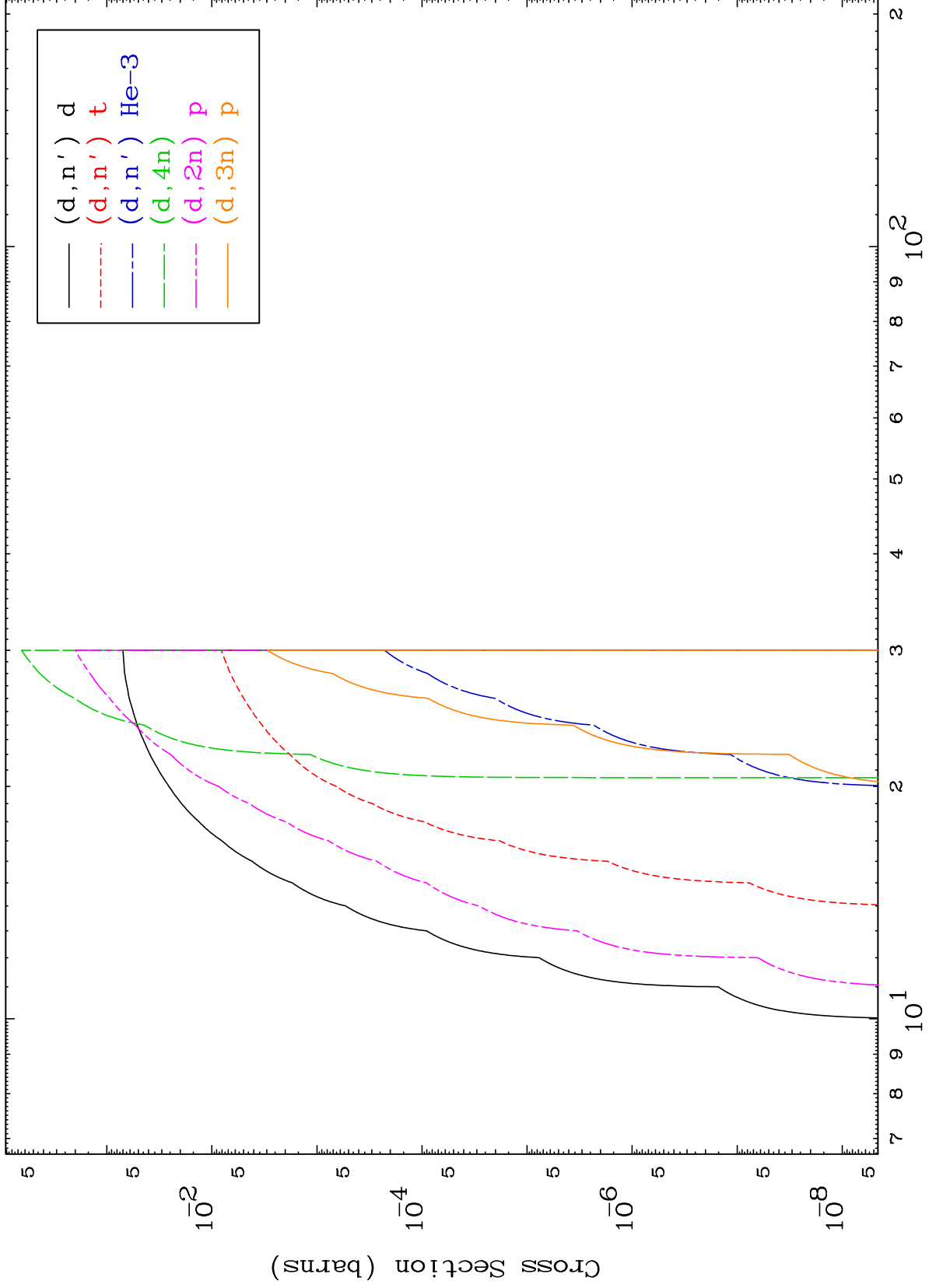
MAT 5646

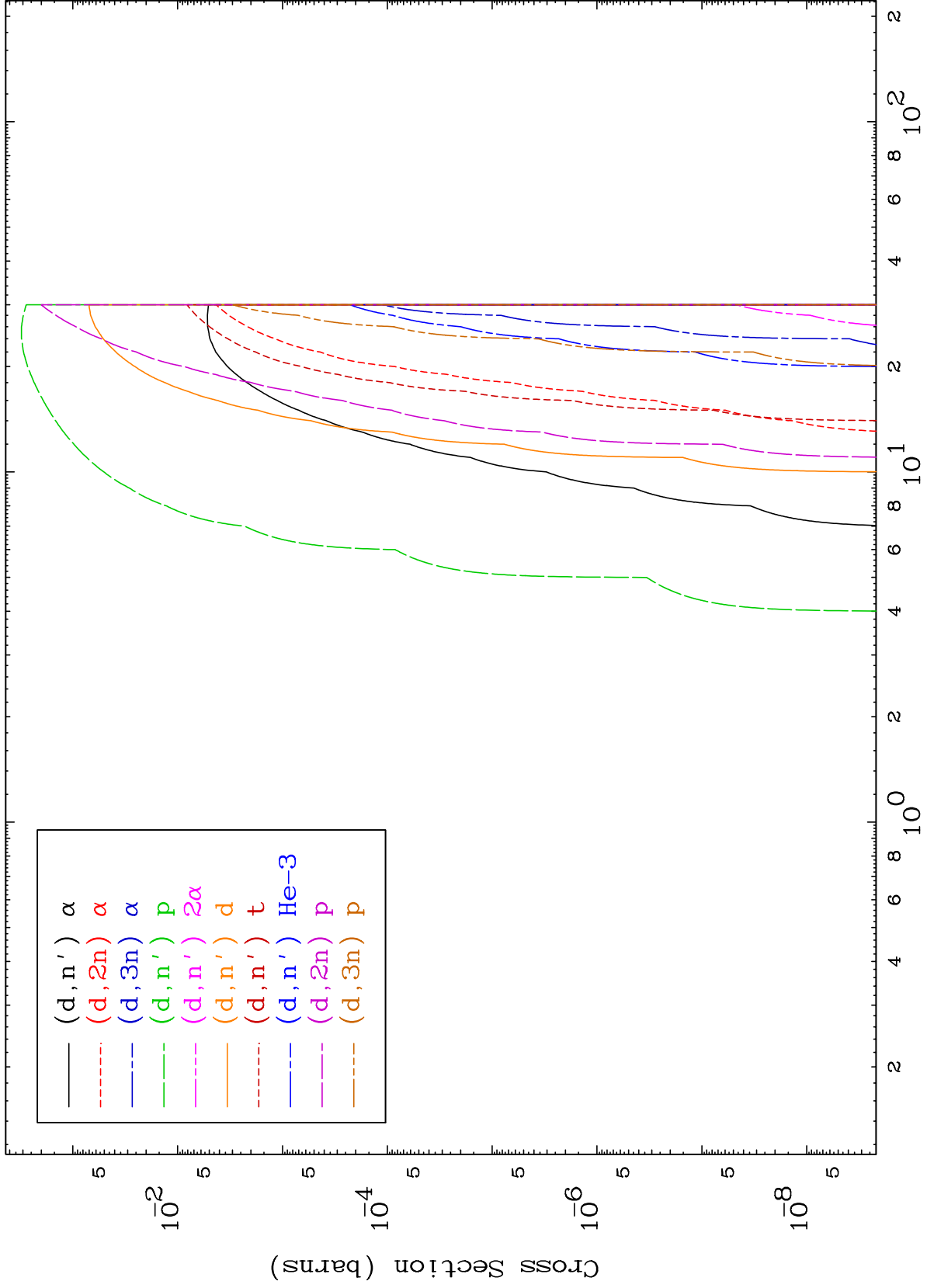
Deuteron Major  
0 Kelvin Cross Sections

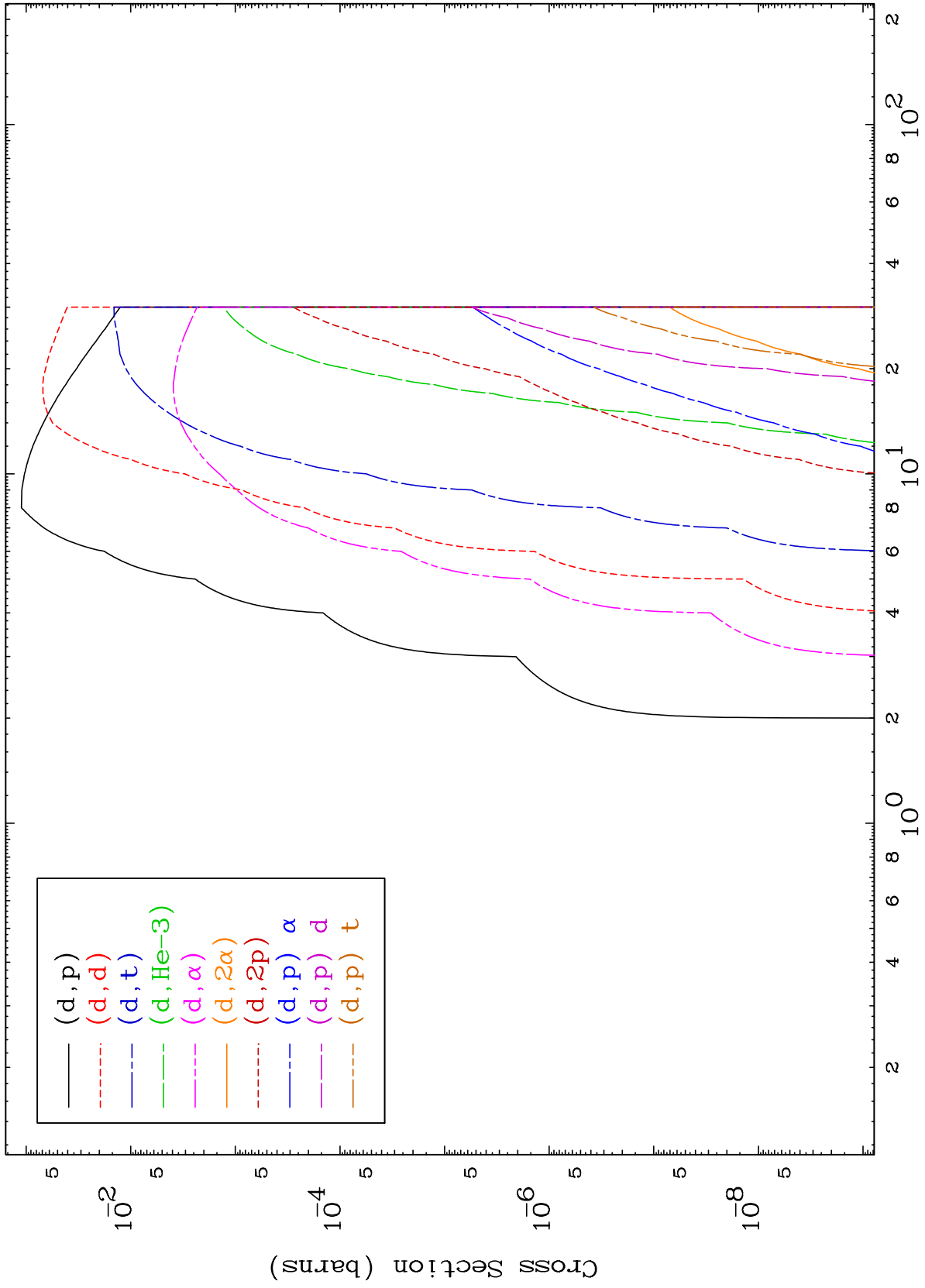
56-Ba-137



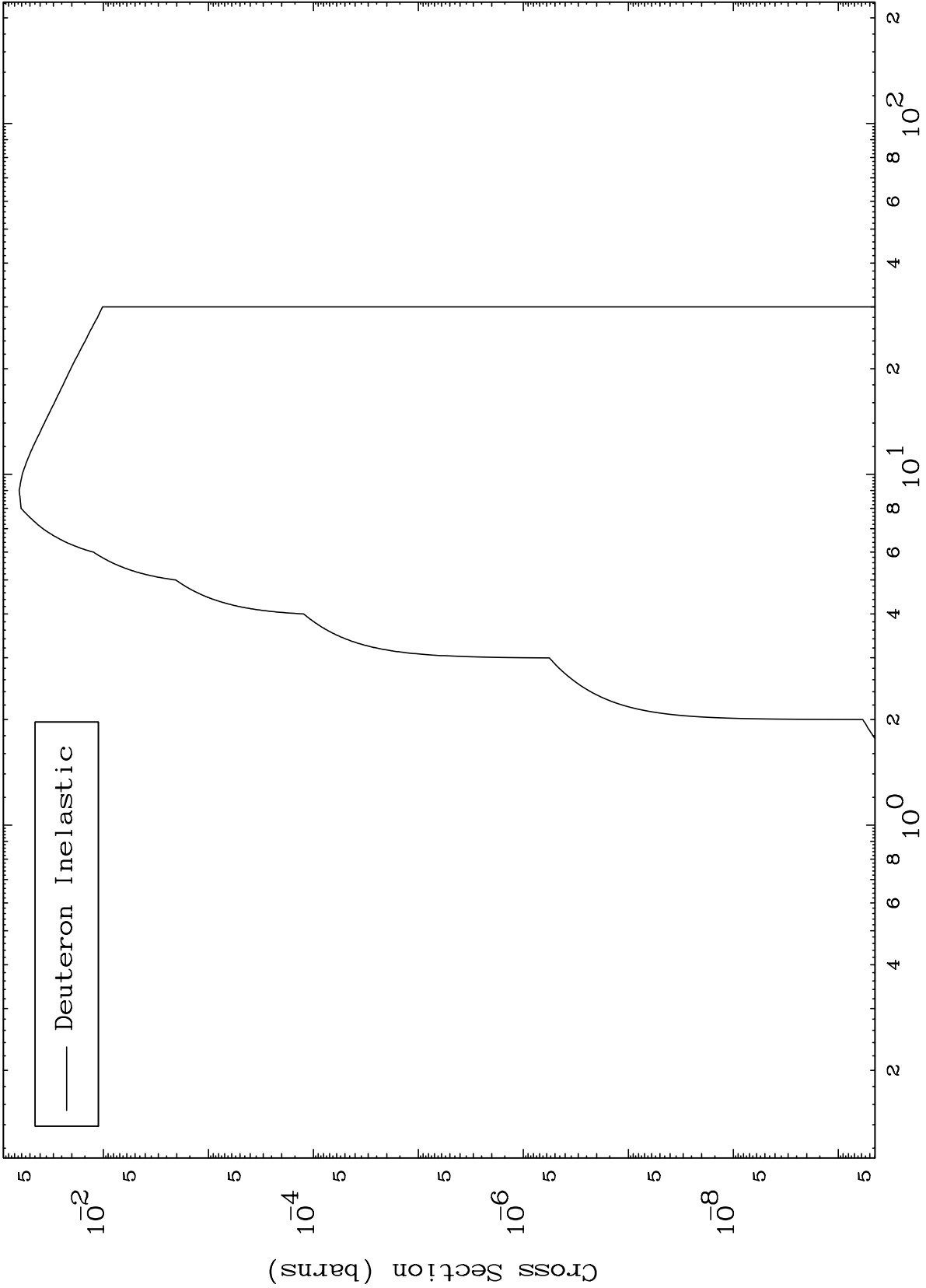








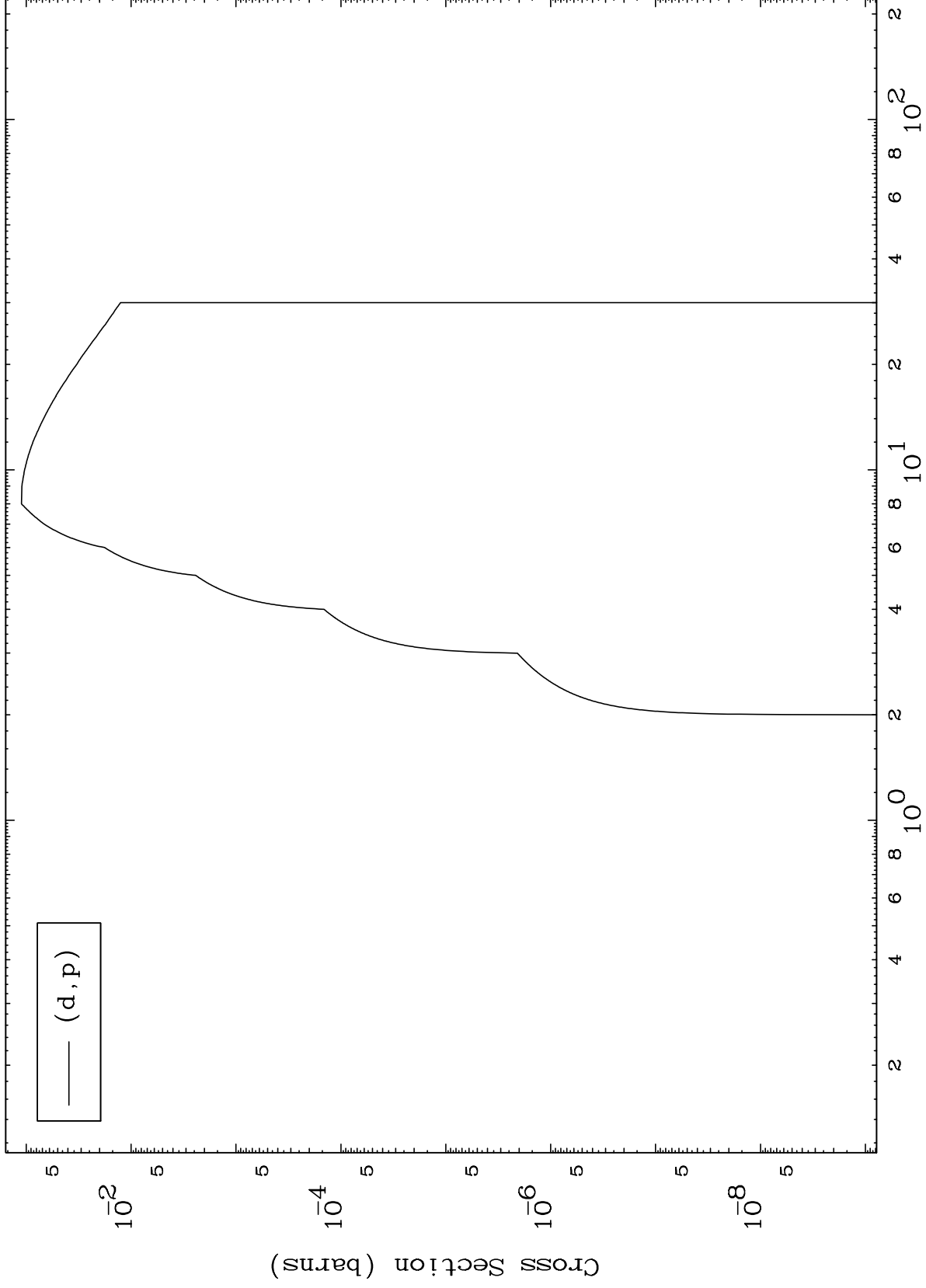
(d,n') Level  
0 Kelvin Cross Sections



MAT 5646

(d,p) Levels  
0 Kelvin Cross Sections

56-Ba-137



7

Incident Energy (MeV)

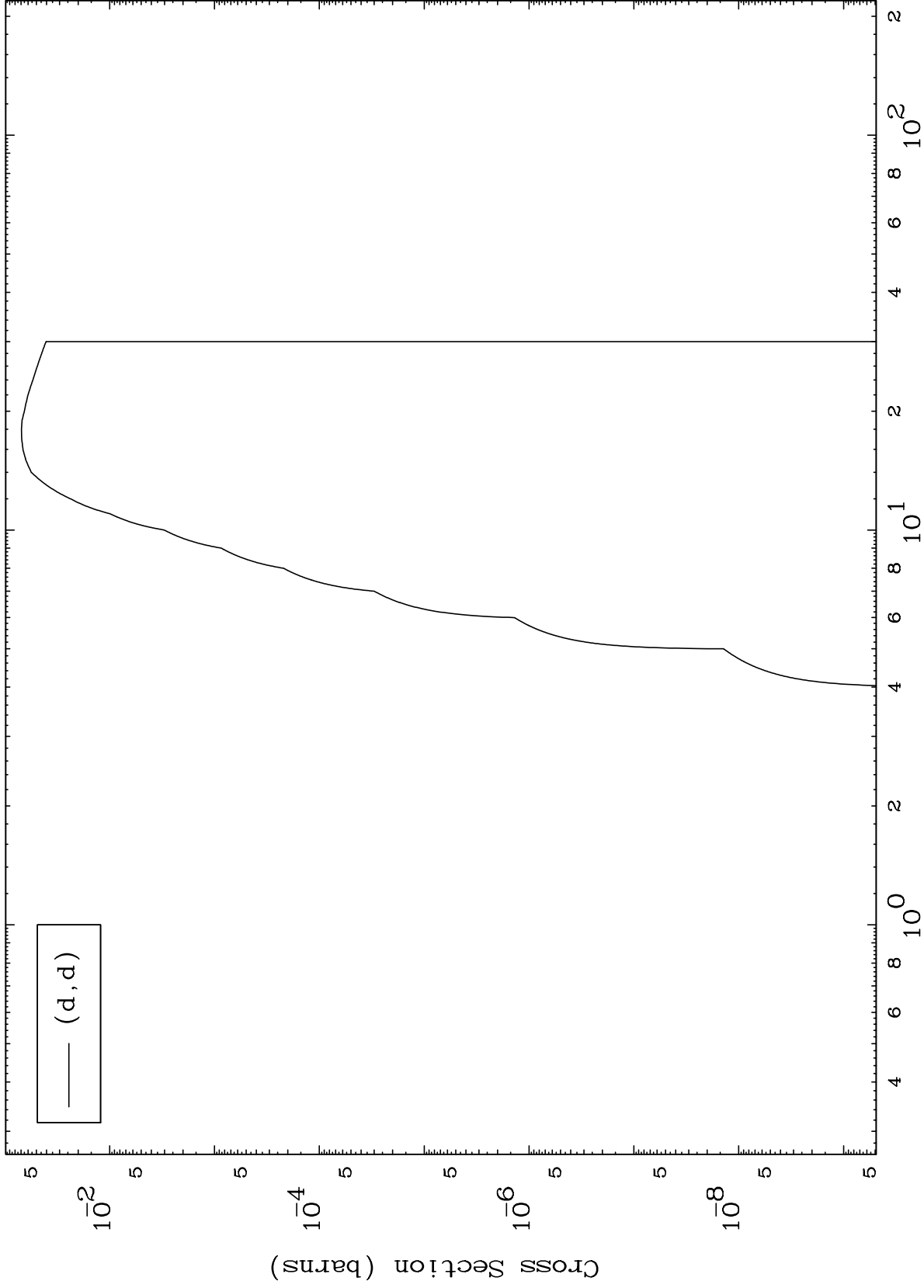
56-Ba-137



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(d,d) Levels  
0 Kelvin Cross Sections

56-Ba-137



8

Incident Energy (MeV)

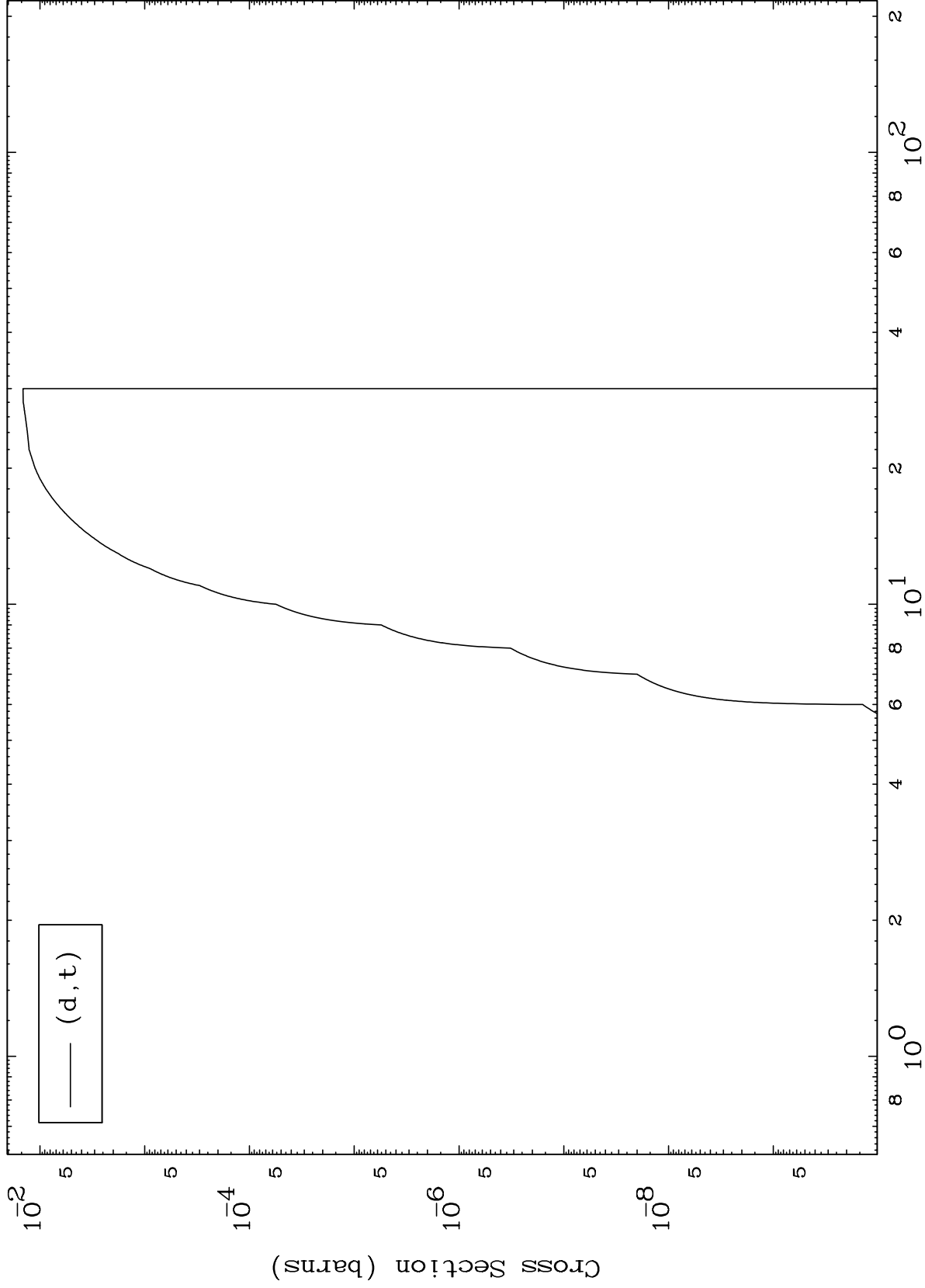
56-Ba-137

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(d, t) Levels

56-Ba-137

0 Kelvin Cross Sections



(d, t)

Incident Energy (MeV)

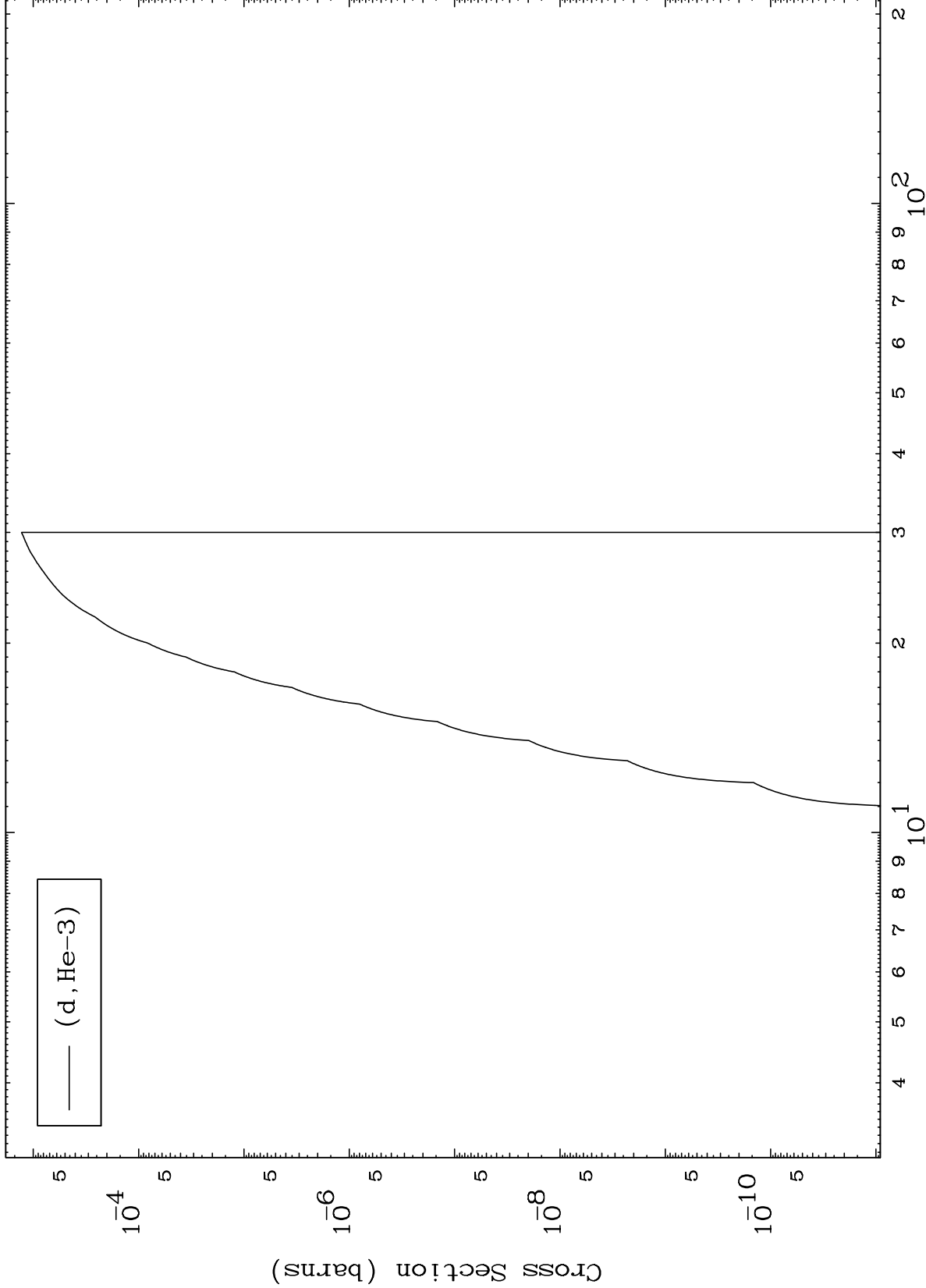
56-Ba-137

9

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(d,He3) Levels  
0 Kelvin Cross Sections

56-Ba-137



10

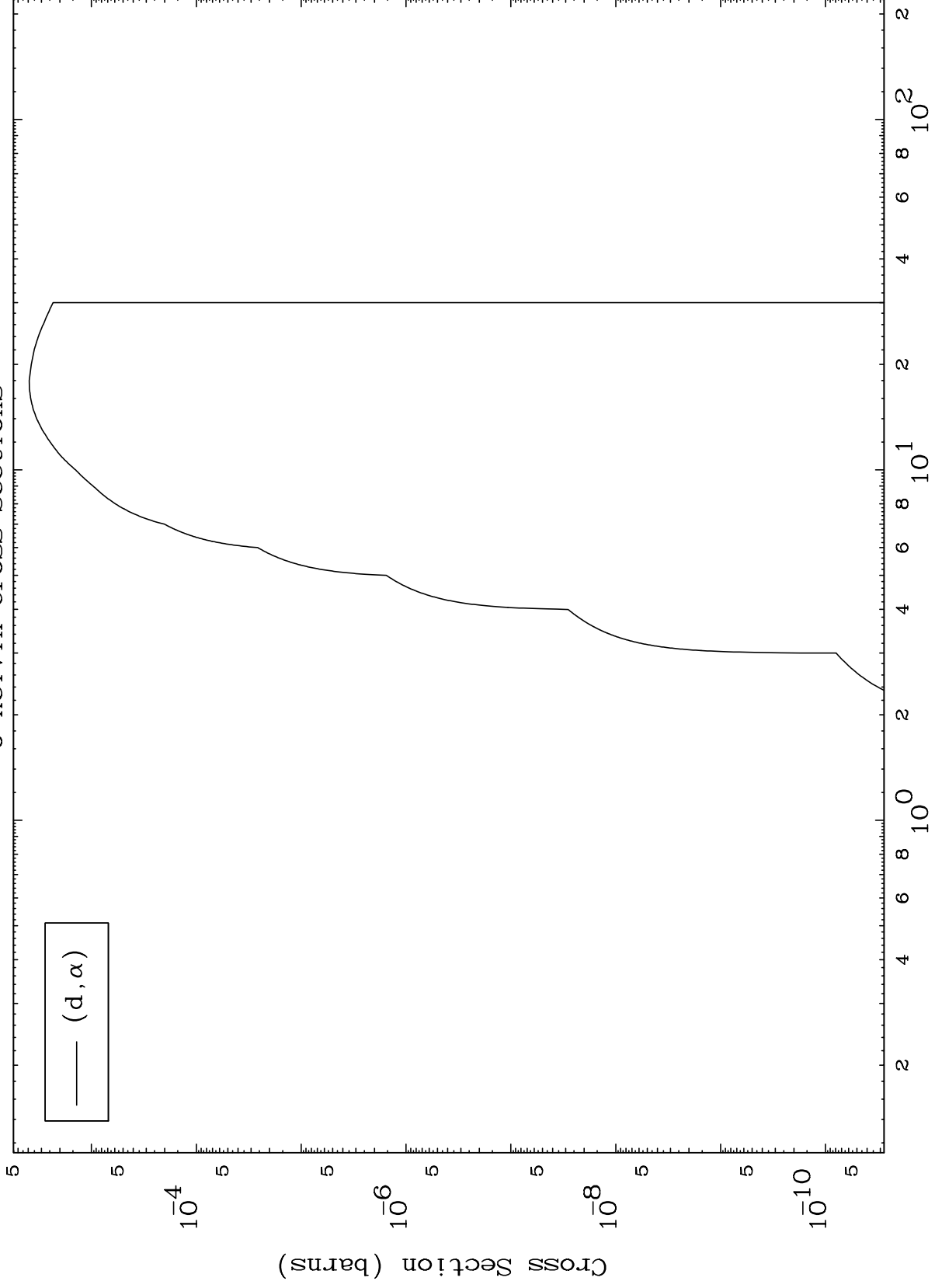
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137

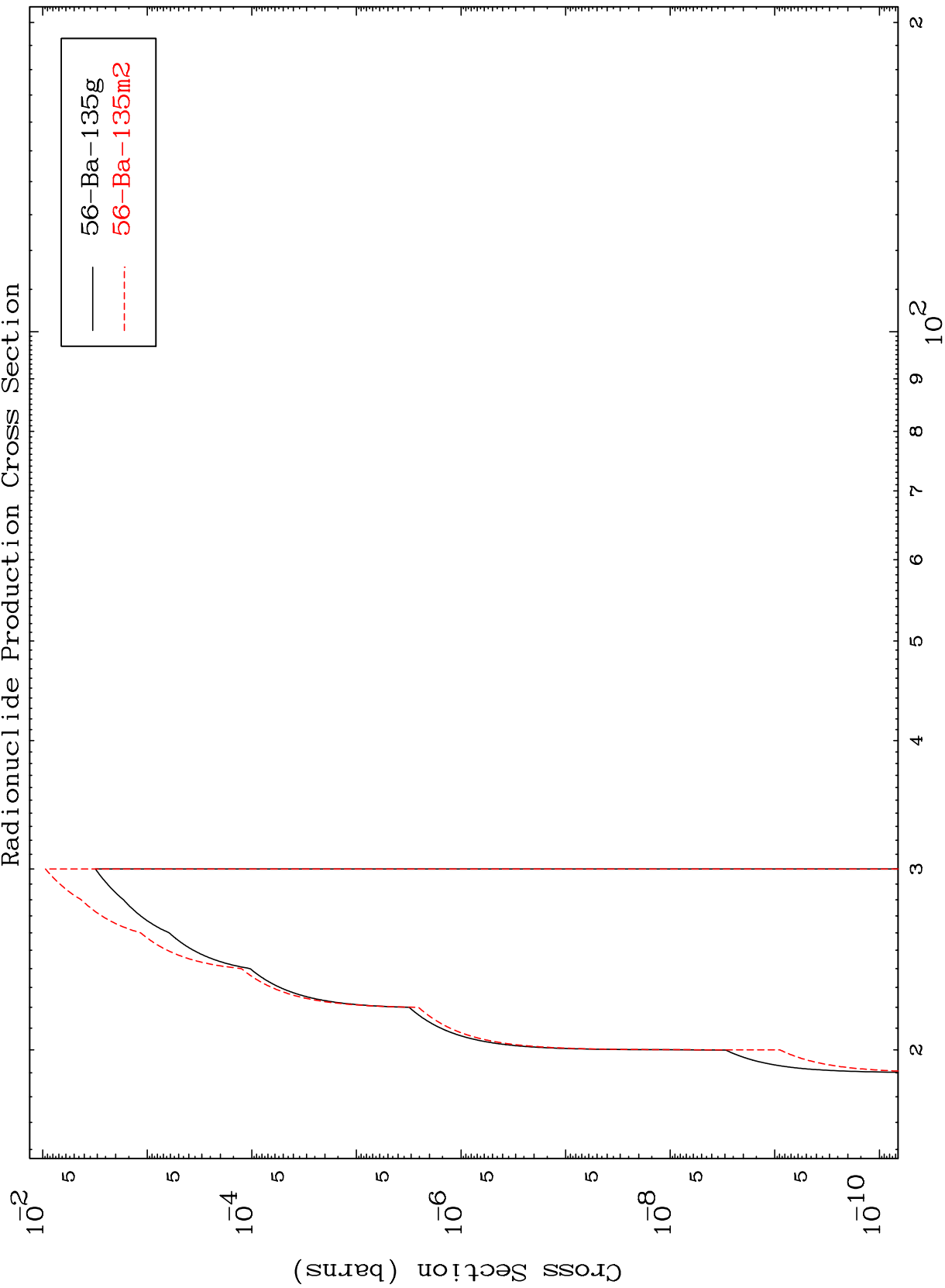


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56-Ba-137

(d,2n) d

Radionuclide Production Cross Section



12

Incident Energy (MeV)

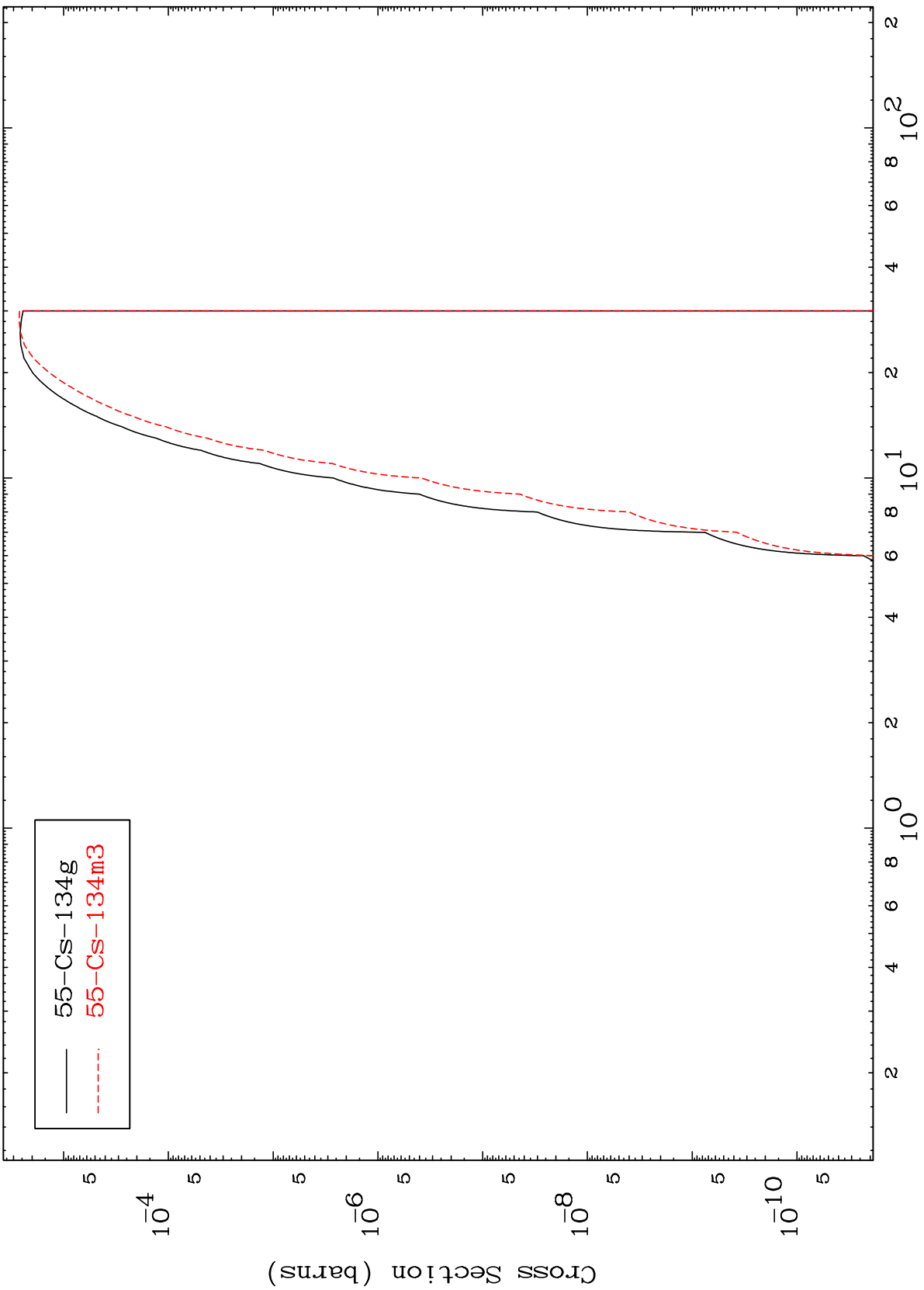
56-Ba-137

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(d,n')  $\alpha$

56-Ba-137

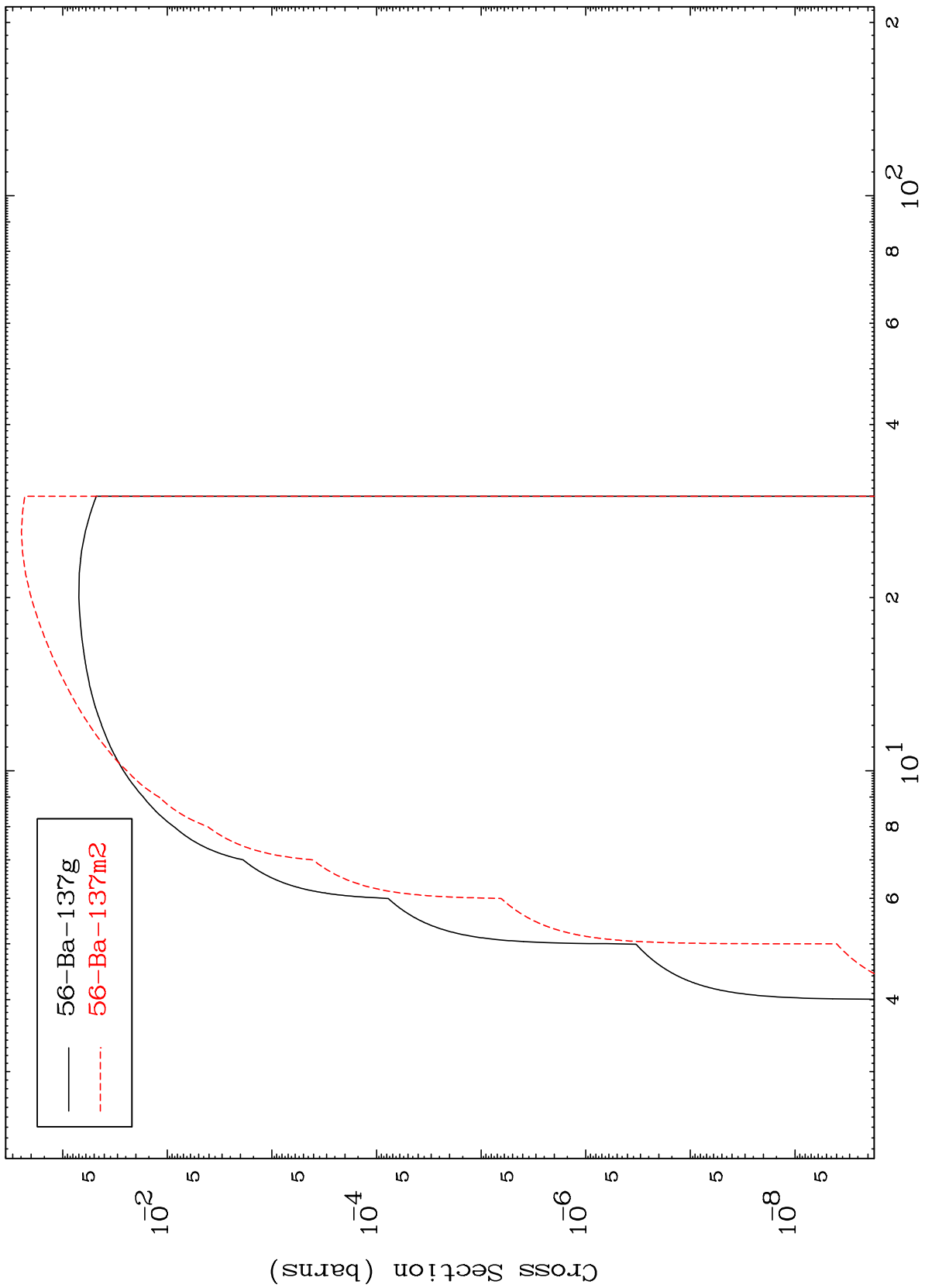
Radionuclide Production Cross Section



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56-Ba-137

(d,n') p  
Radionuclide Production Cross Section



56-Ba-137

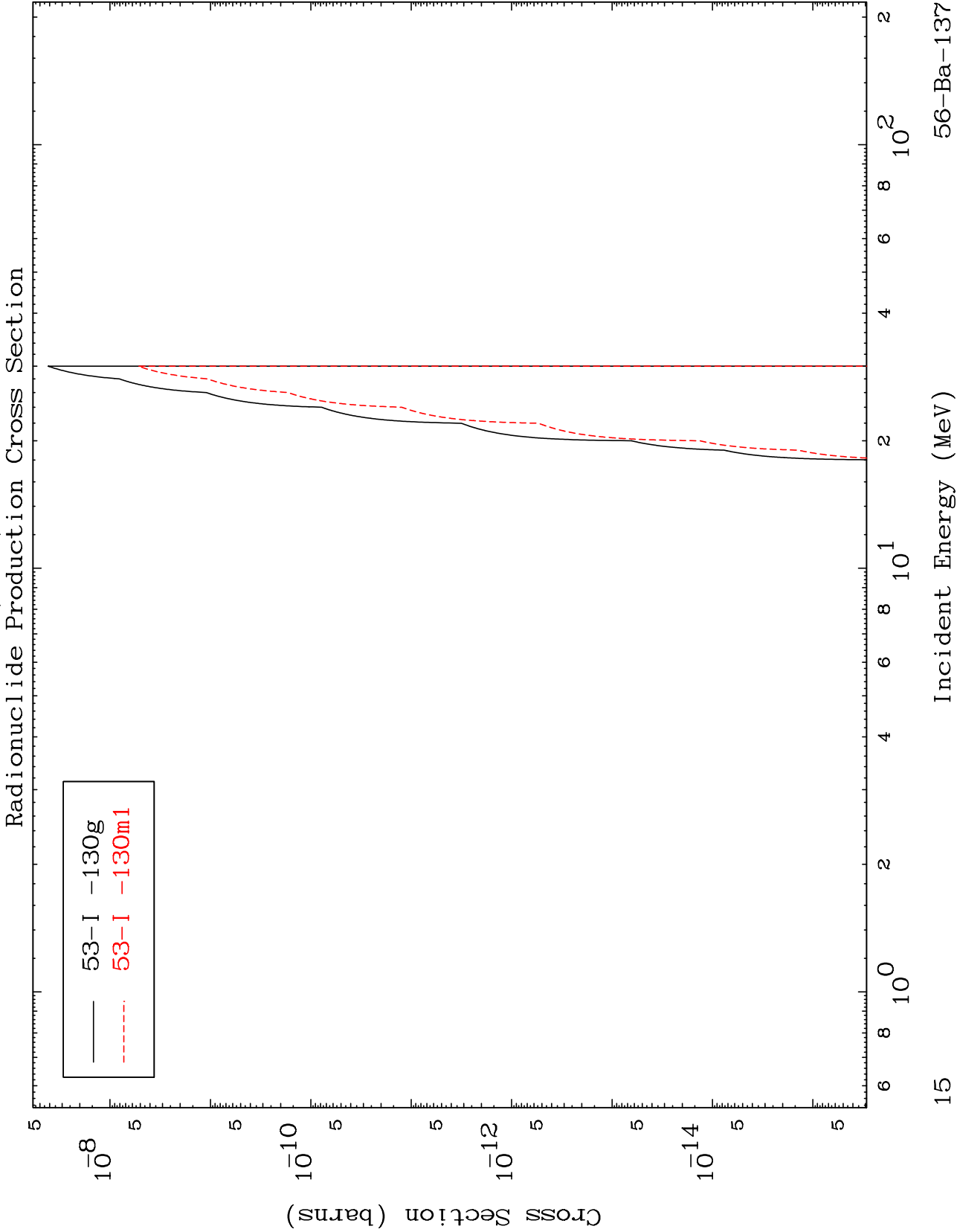
Incident Energy (MeV)

14

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(d,n') 2 $\alpha$

56-Ba-137



53-I -130g  
53-I -130m1

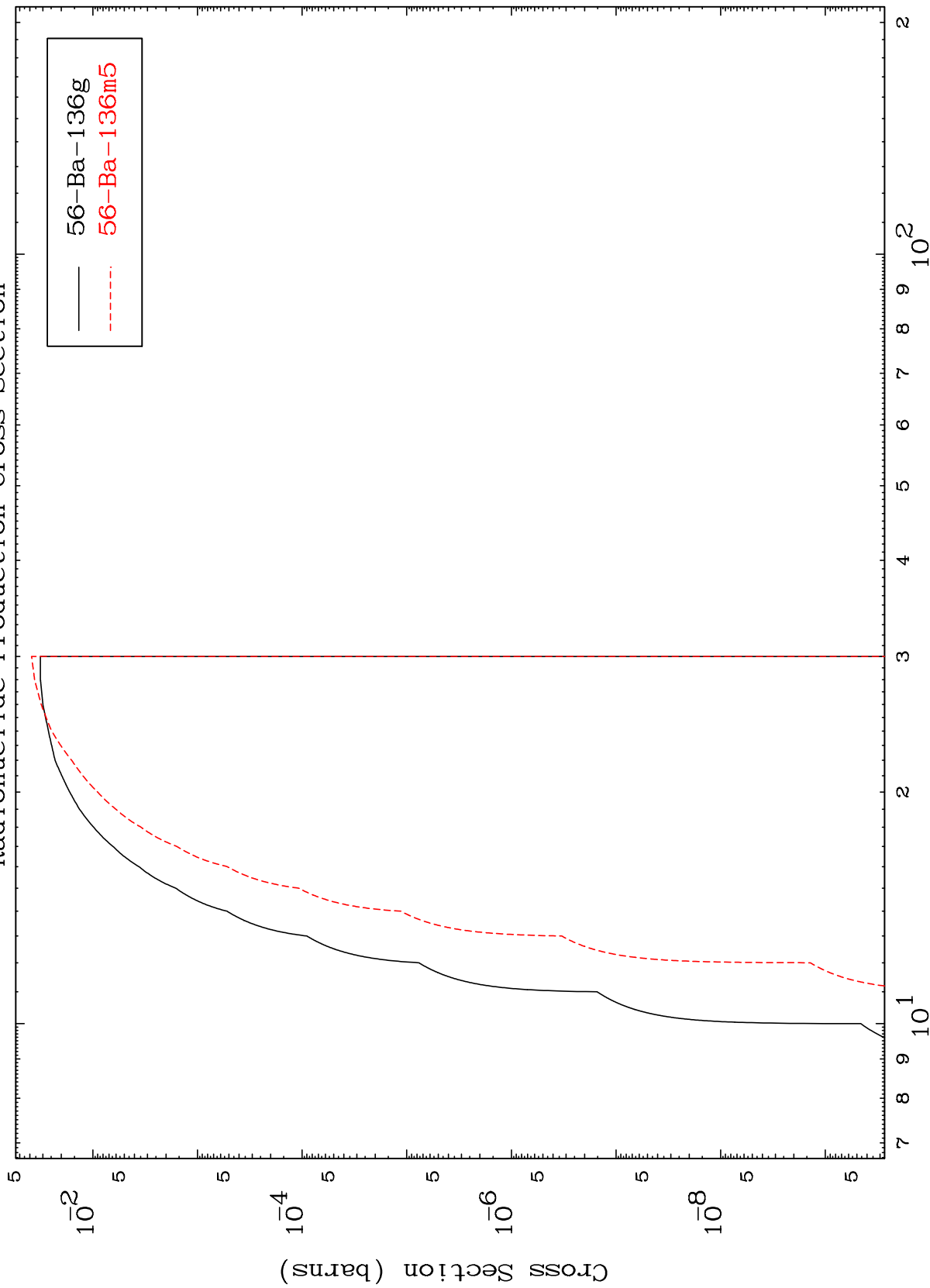


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(d,n') d

56-Ba-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

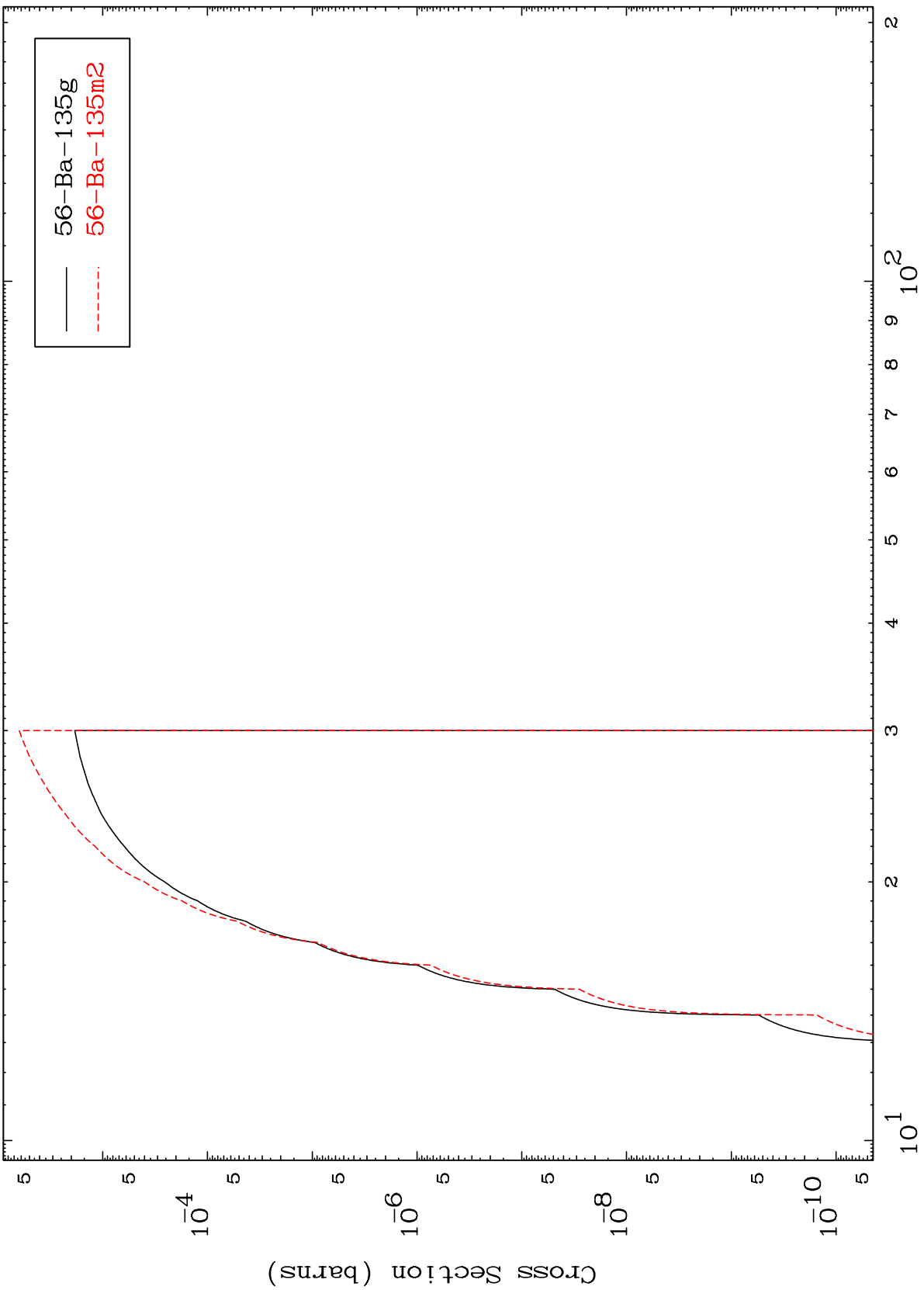
56-Ba-137

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(d,n') t

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

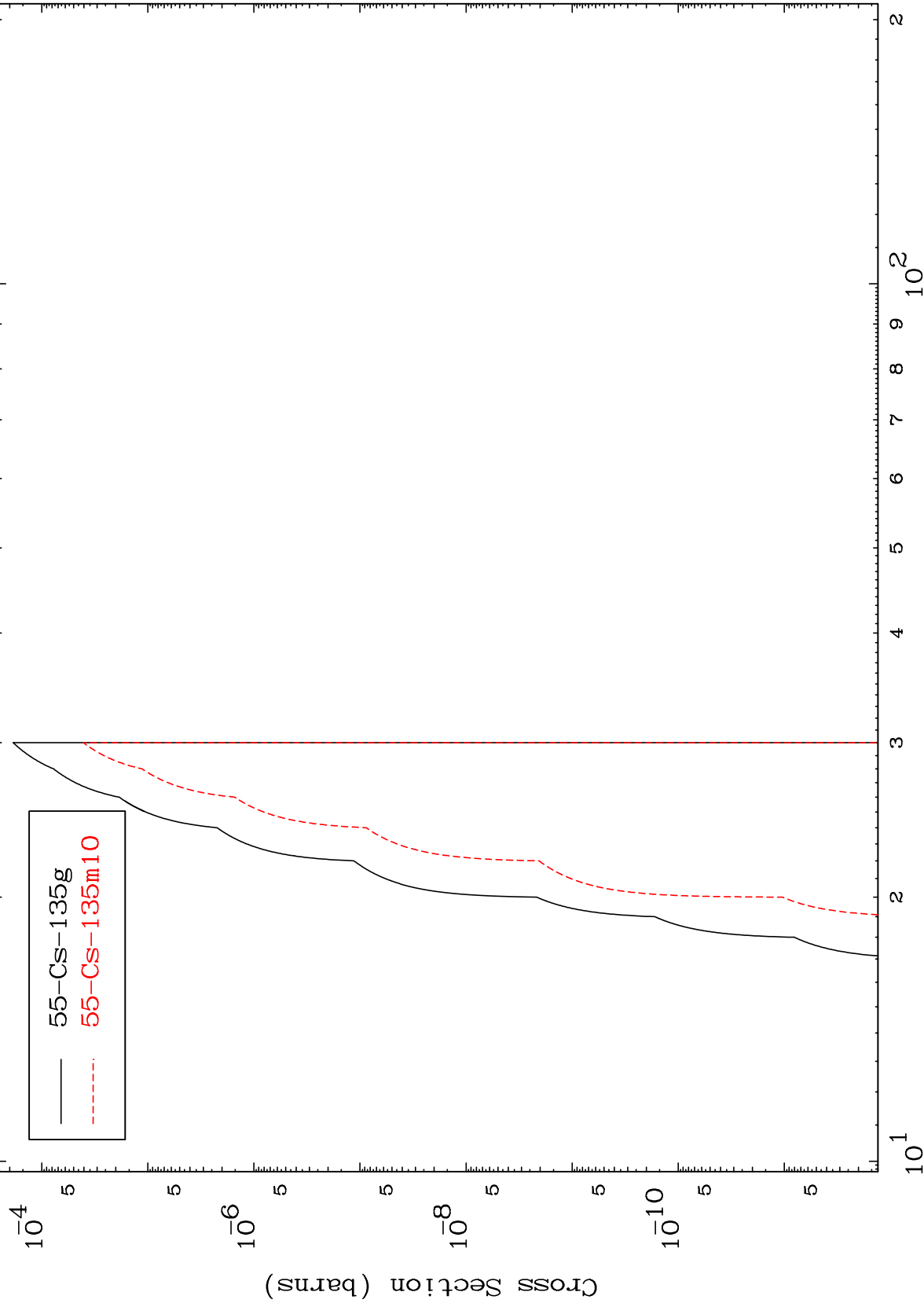
56-Ba-137

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(d,n') He-3

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

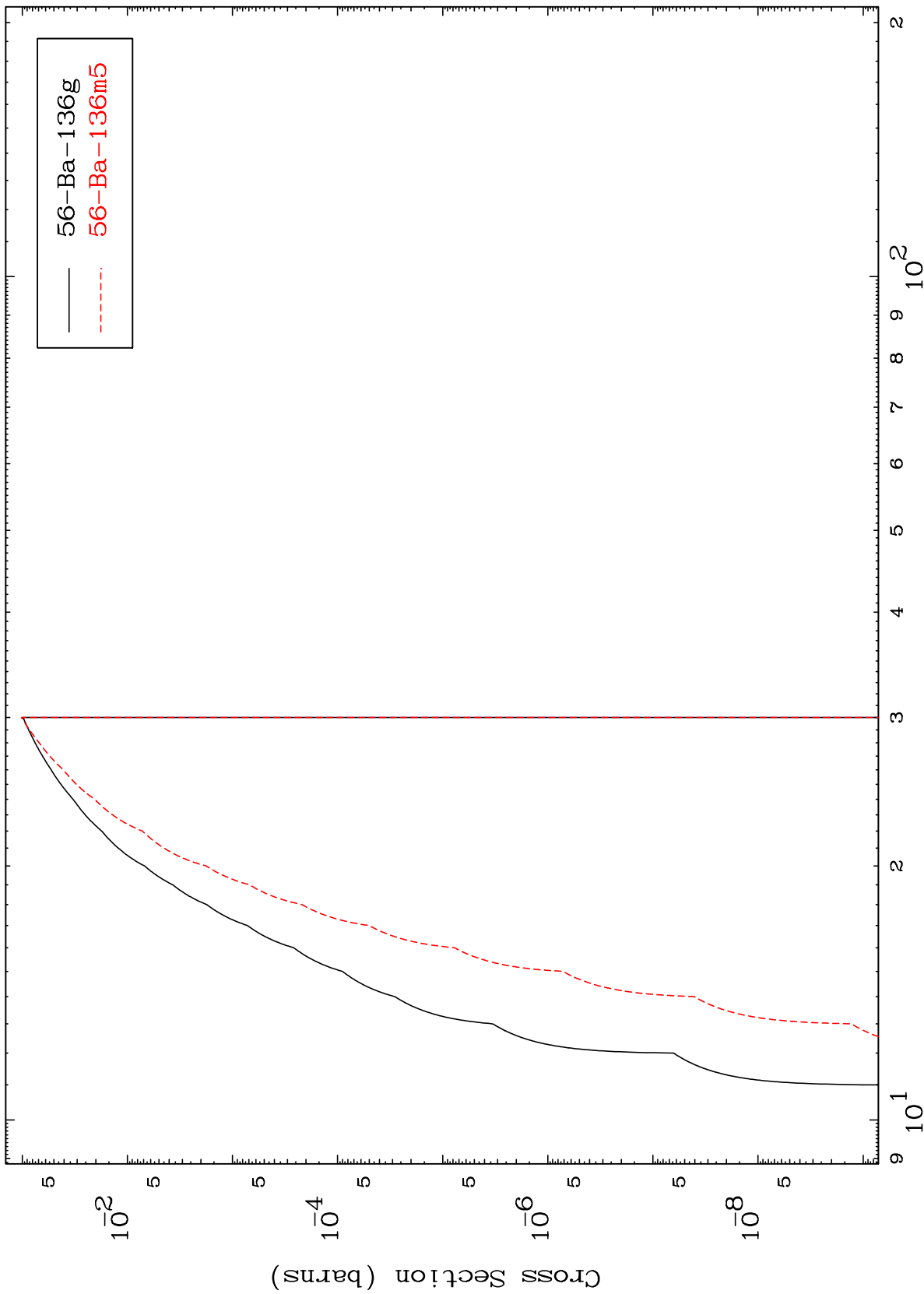
56-Ba-137

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(d,2n) p

56-Ba-137

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

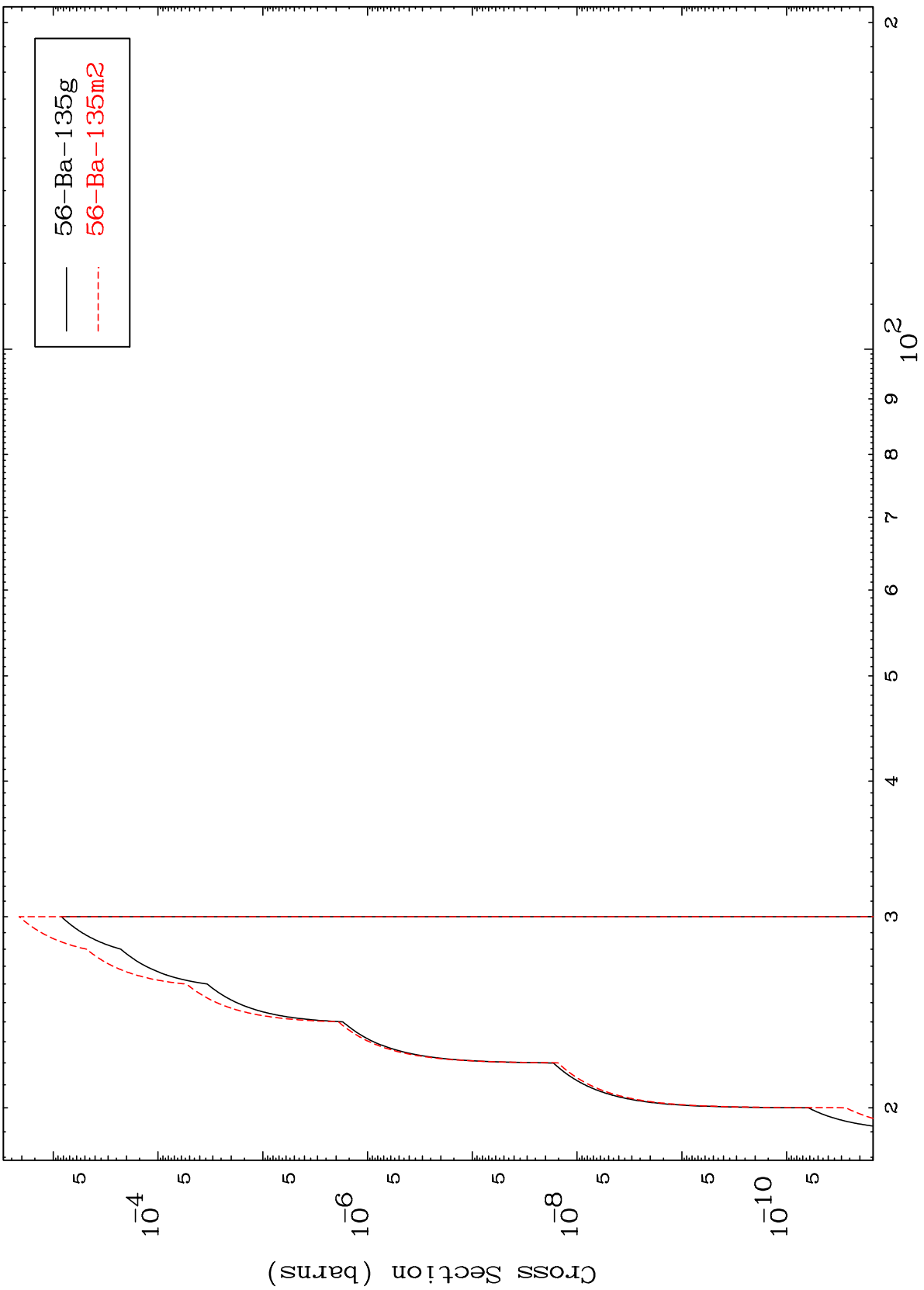
56-Ba-137

MAT 5646

(d,3n) p

56-Ba-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

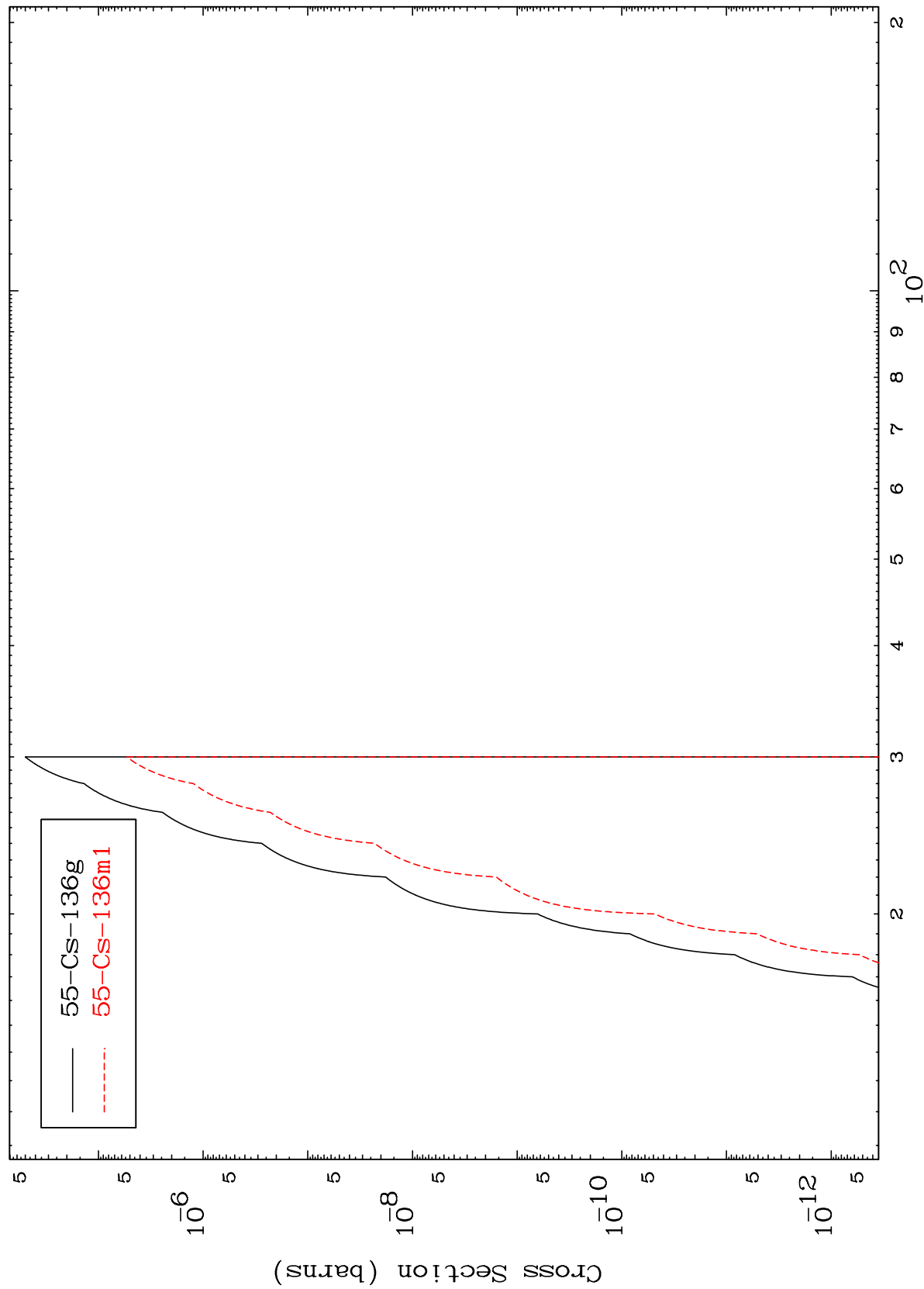
56-Ba-137

MAT 5646

(d,2n) p

56-Ba-137

Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m1

Incident Energy (MeV)

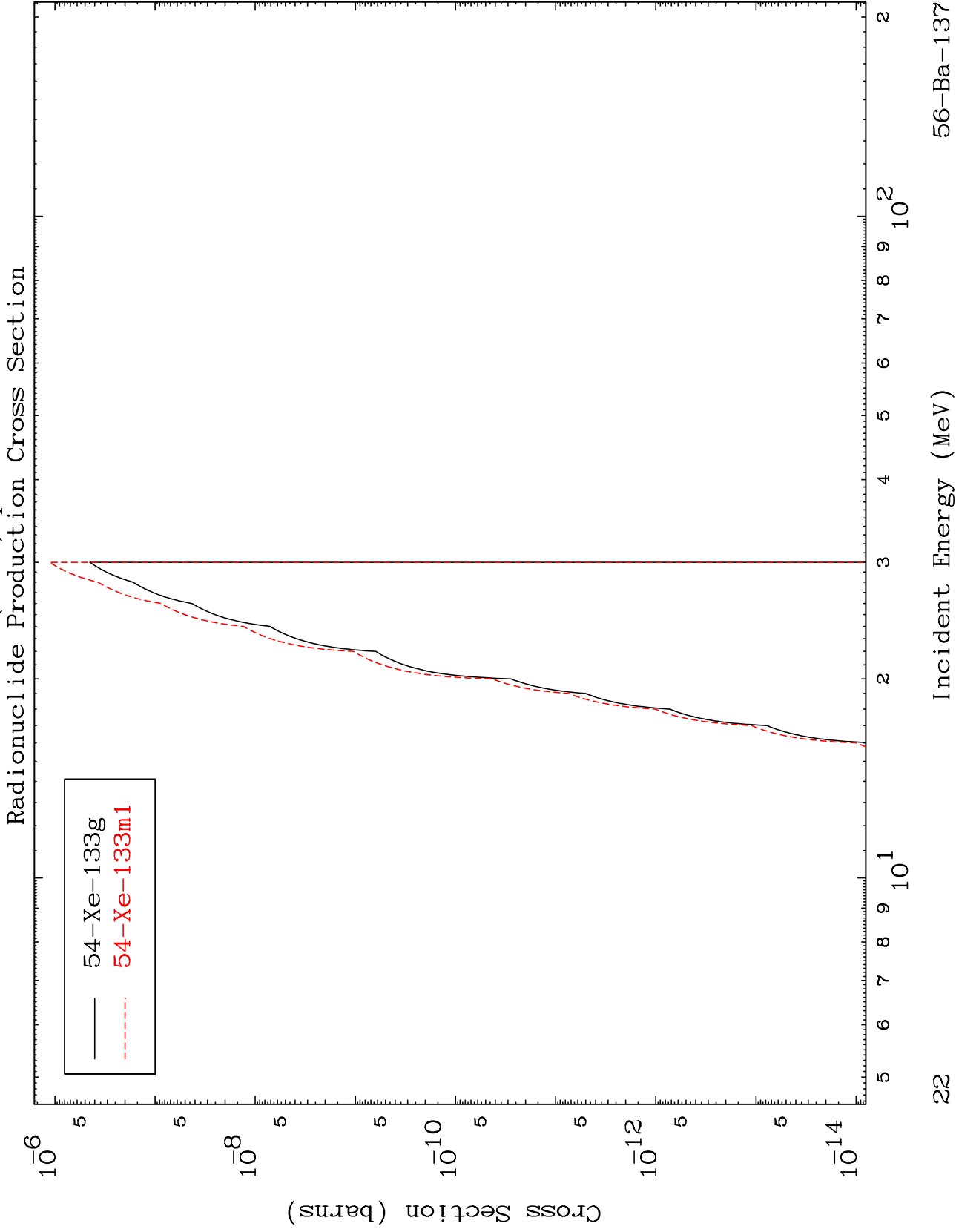
56-Ba-137

21

MAT 5646

(d,n') p  $\alpha$

56-Ba-137



22

Incident Energy (MeV)

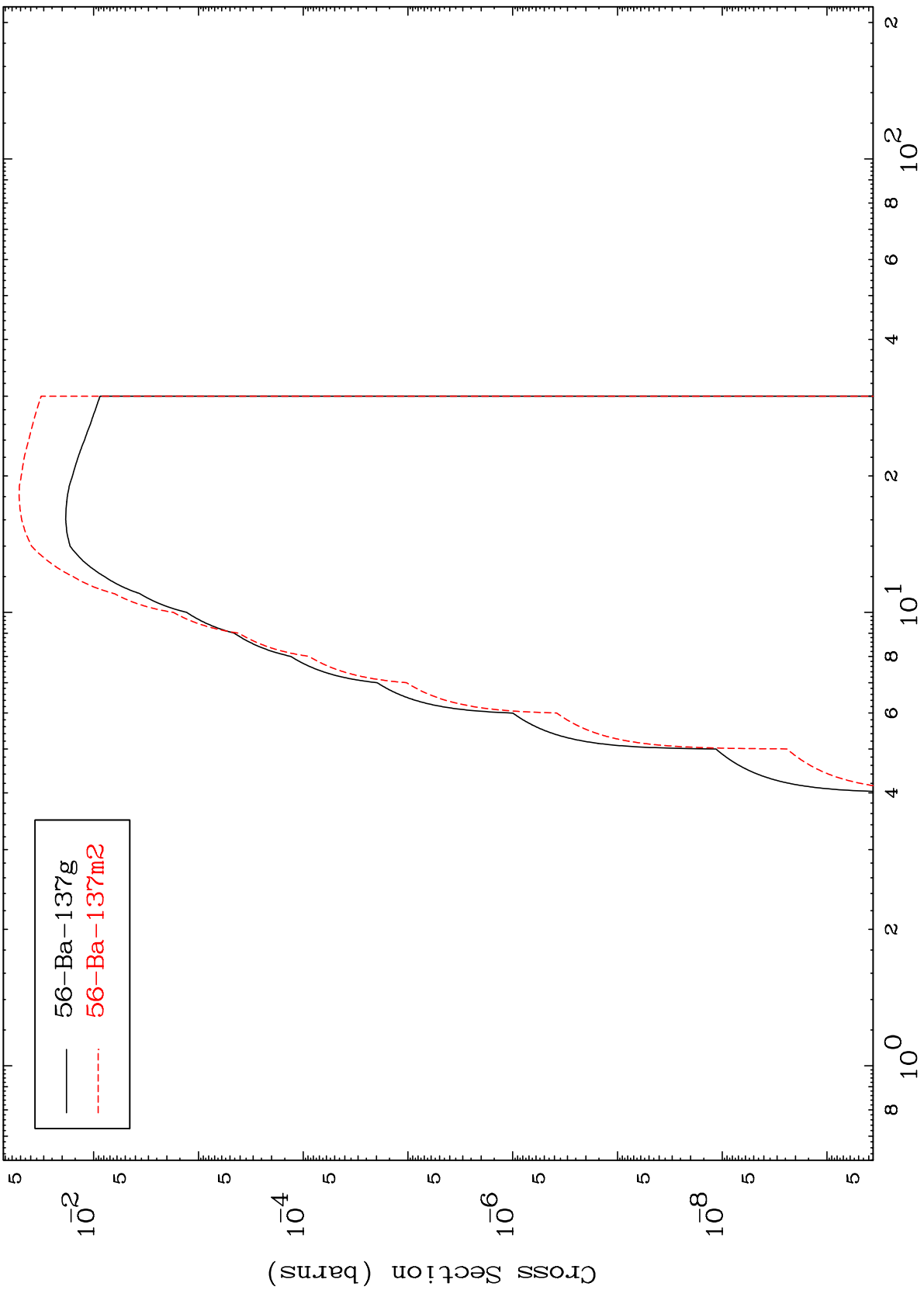
56-Ba-137

MAT 5646

(d,d)

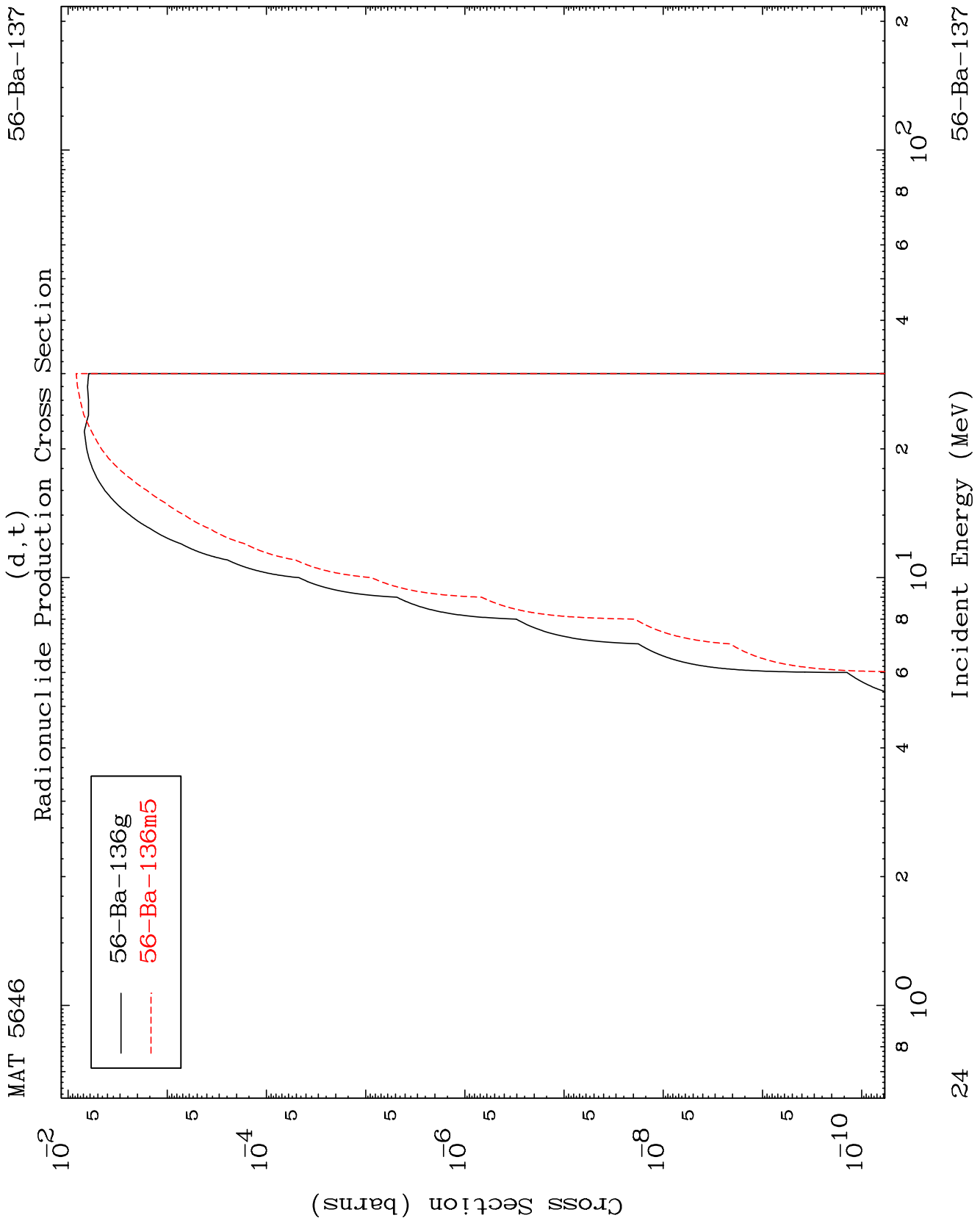
56-Ba-137

Radionuclide Production Cross Section



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



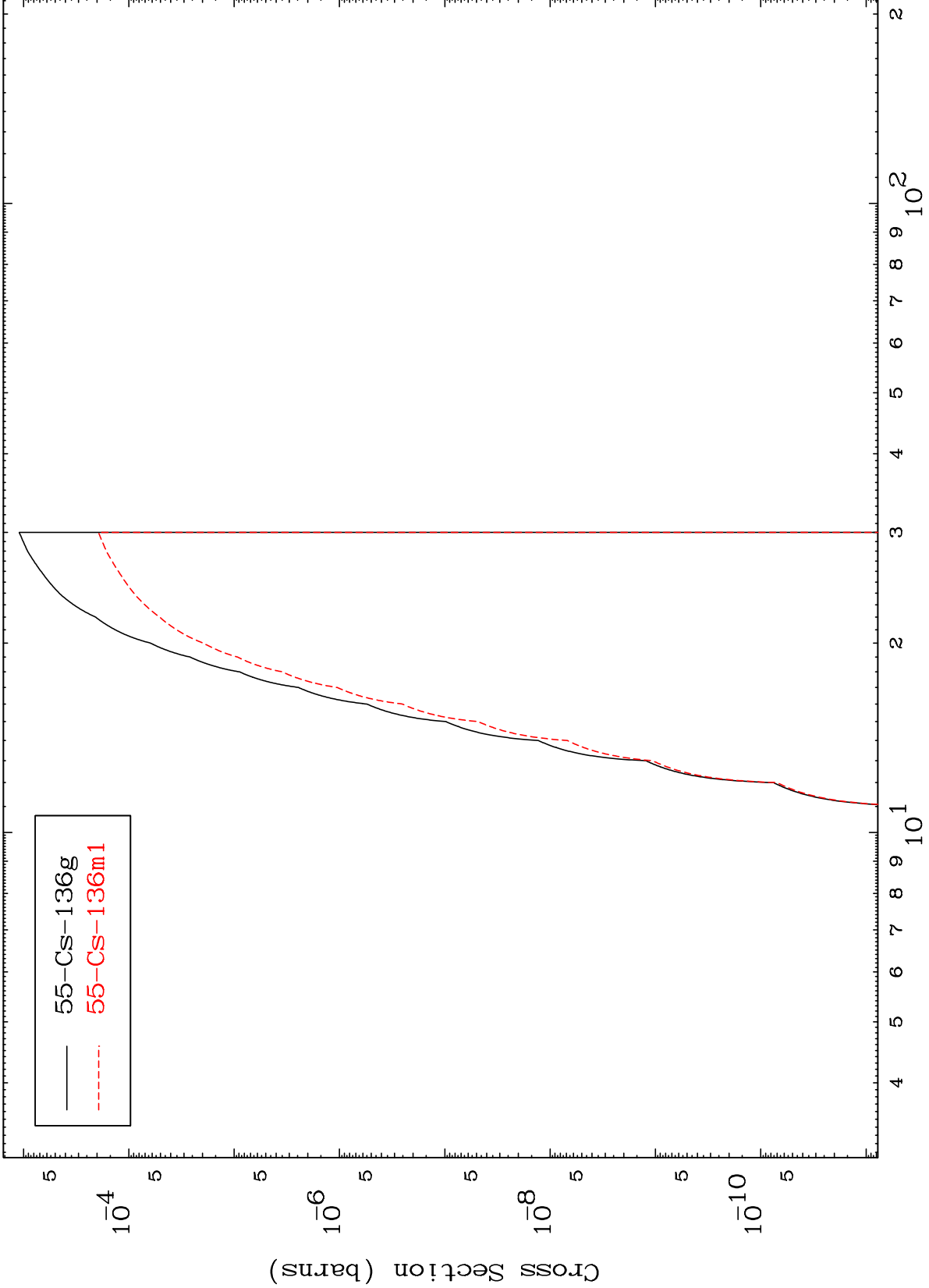


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(d,He-3)

56-Ba-137

Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m1

25

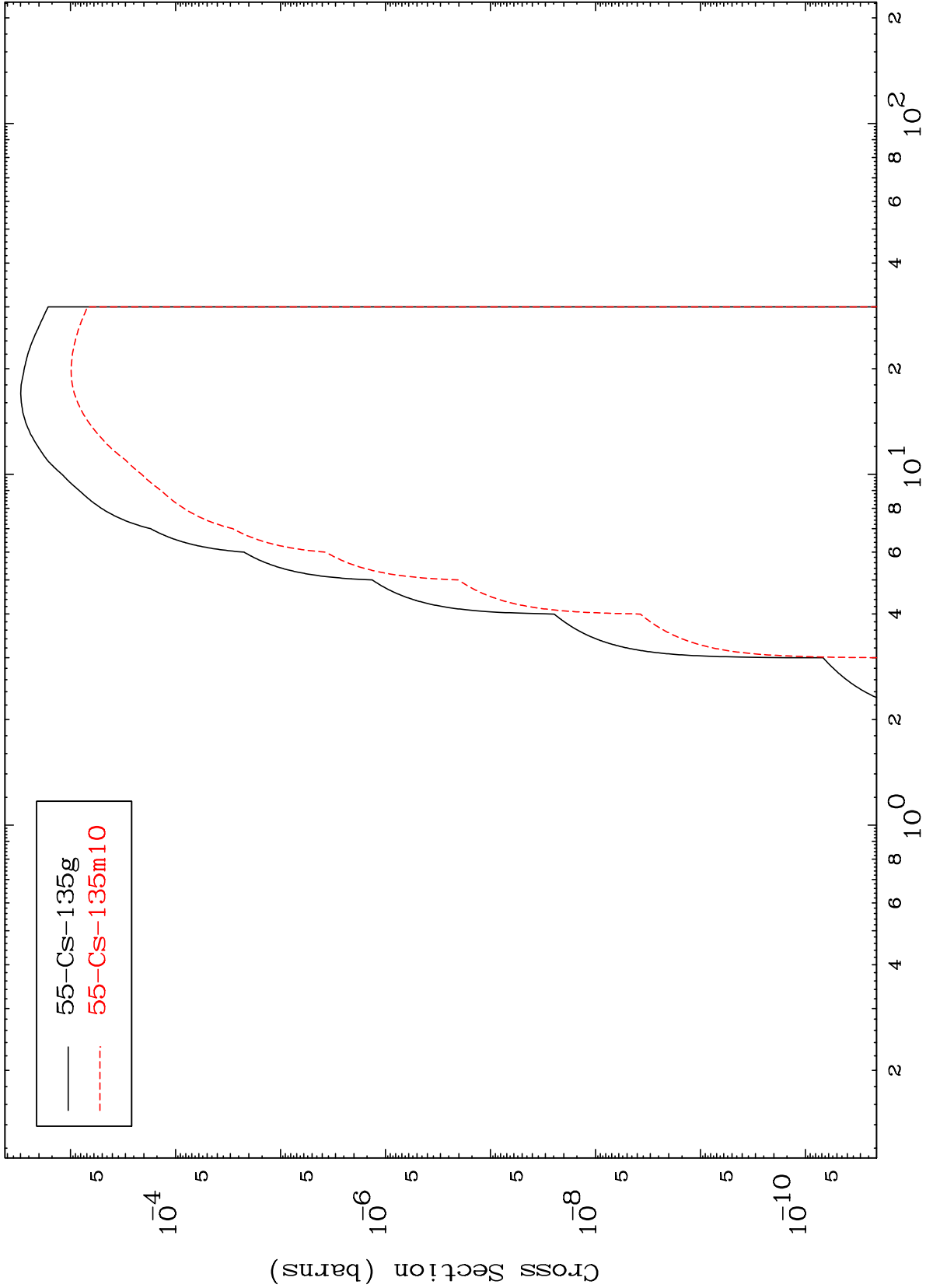
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

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



26

56-Ba-137

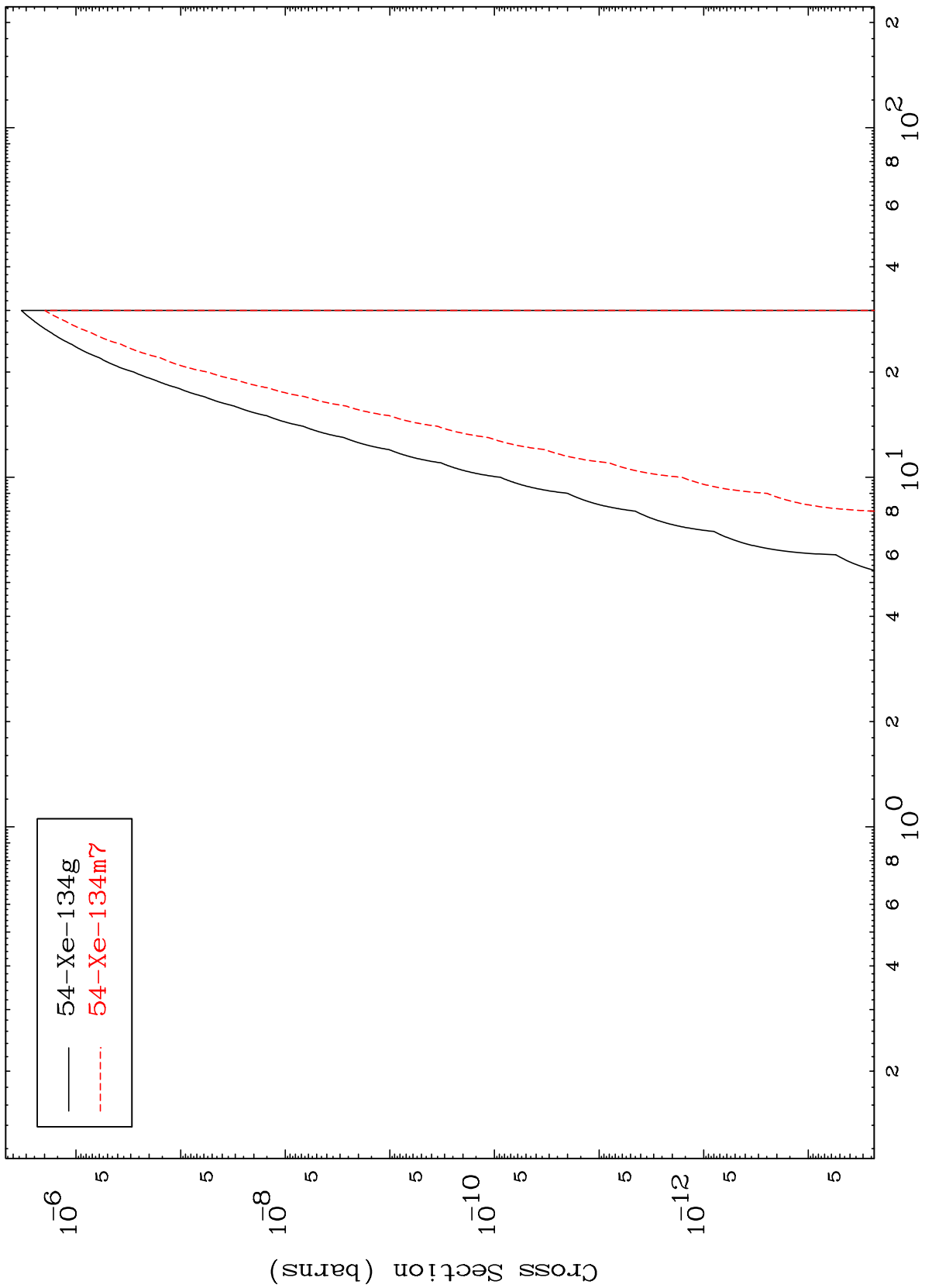
Incident Energy (MeV)

MAT 5646

(d,p)  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



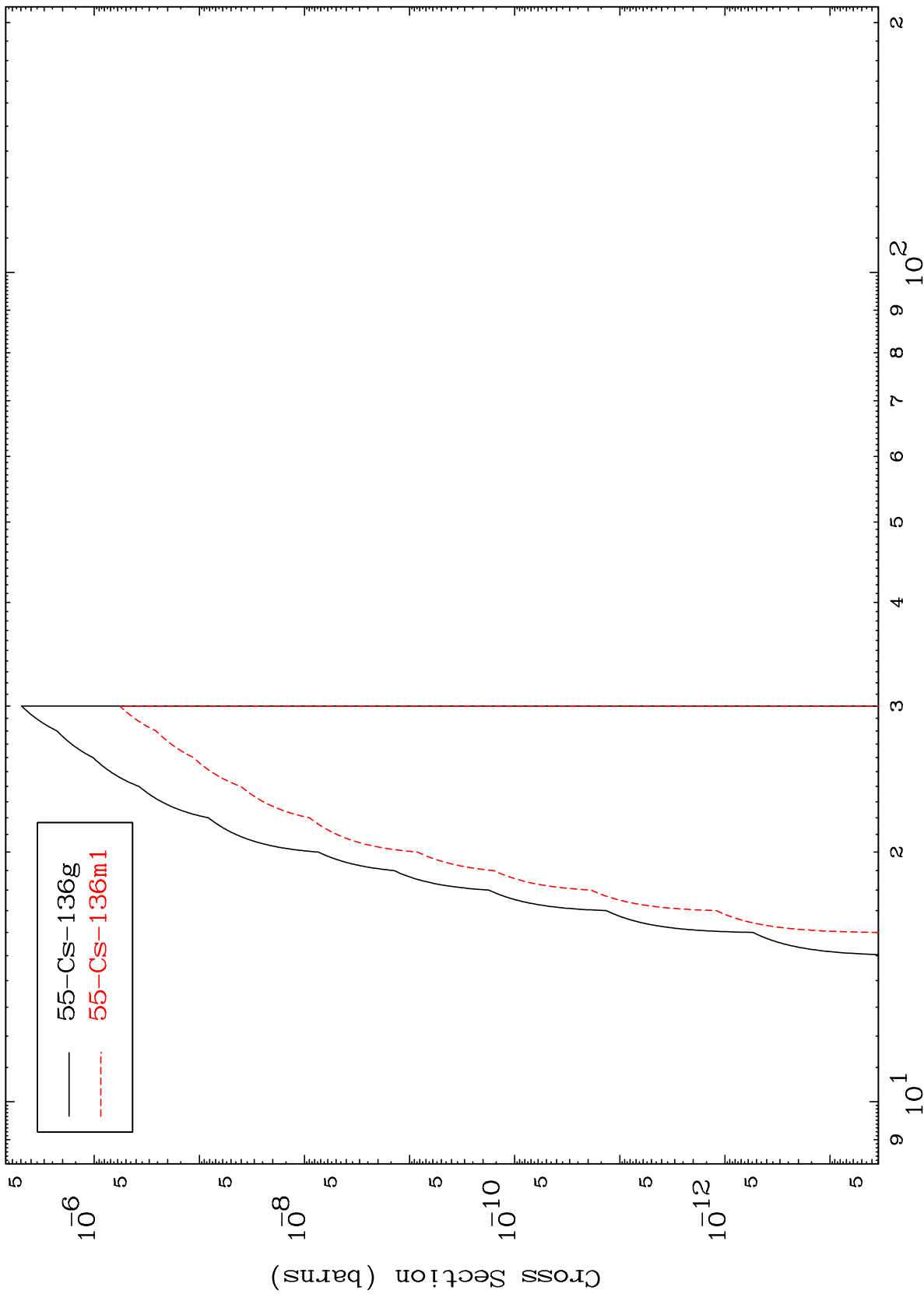
54-Xe-134g  
54-Xe-134m7

MAT 5646

(d,p) d

56-Ba-137

Radionuclide Production Cross Section



28

Incident Energy (MeV)

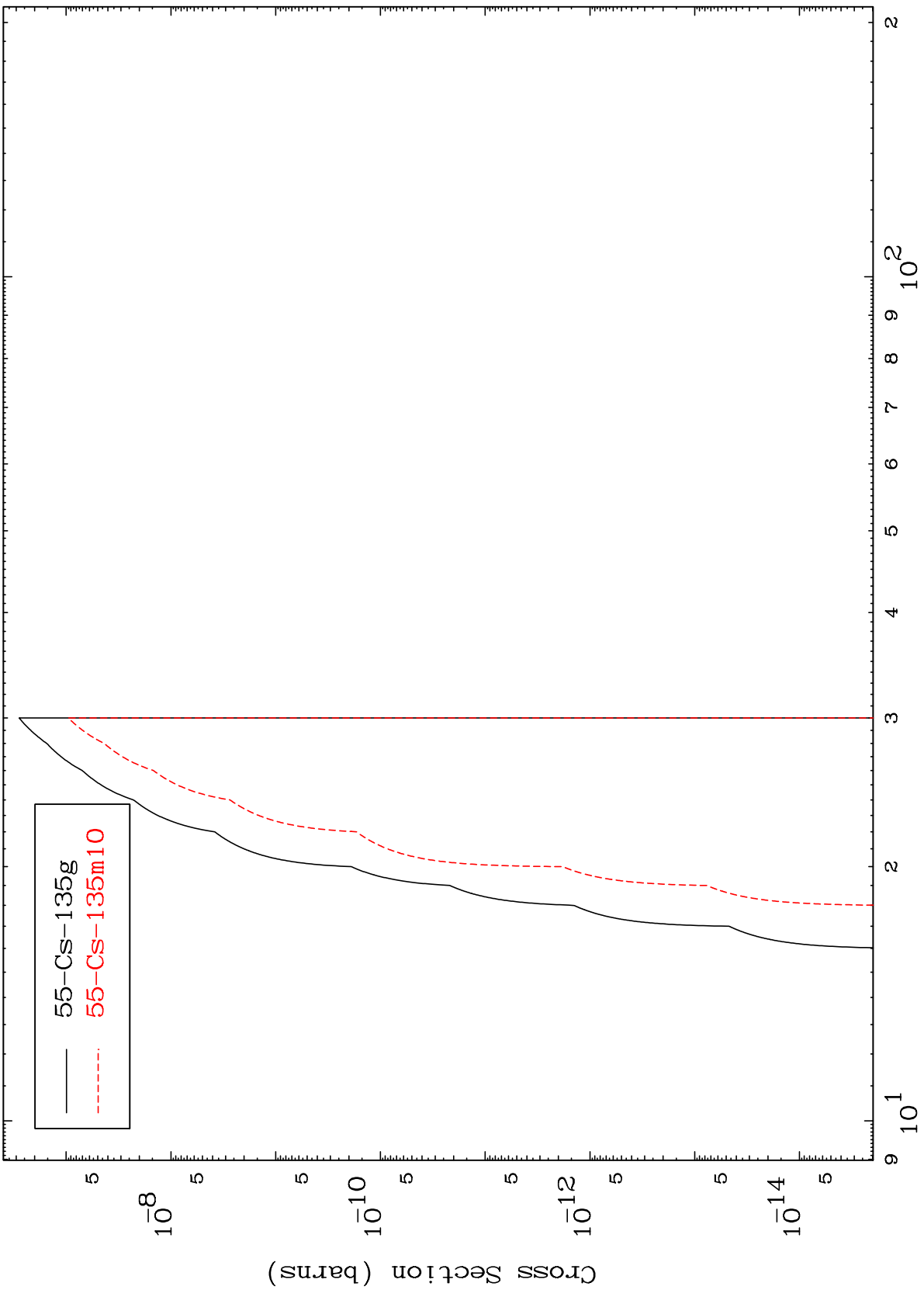
56-Ba-137

MAT 5646

(d,p) t

56-Ba-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

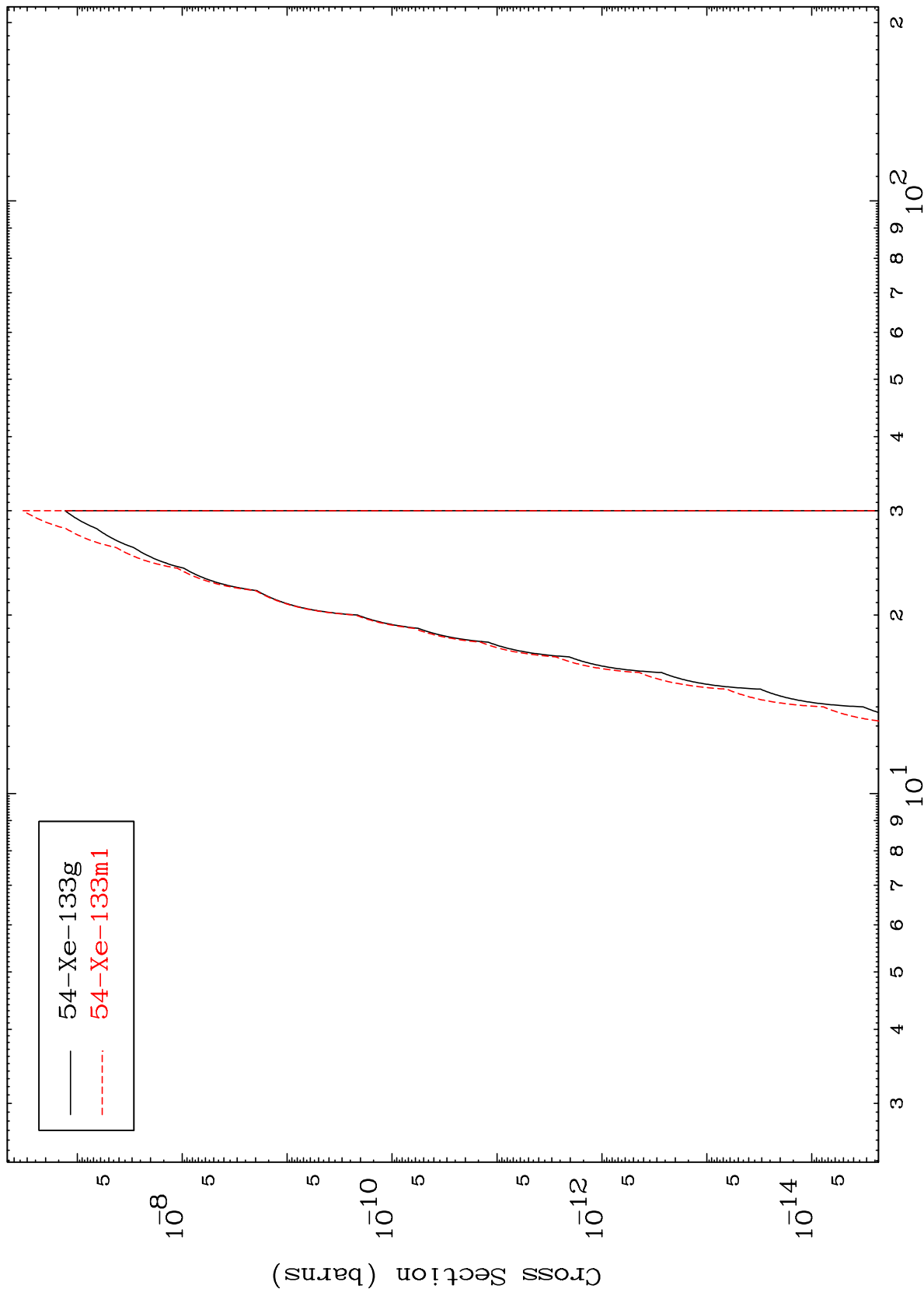
56-Ba-137

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56-Ba-137

(d,d)  $\alpha$

Radionuclide Production Cross Section



30

Incident Energy (MeV)

56-Ba-137