

Program EVALPLOT  
(Version 2021-1)

by

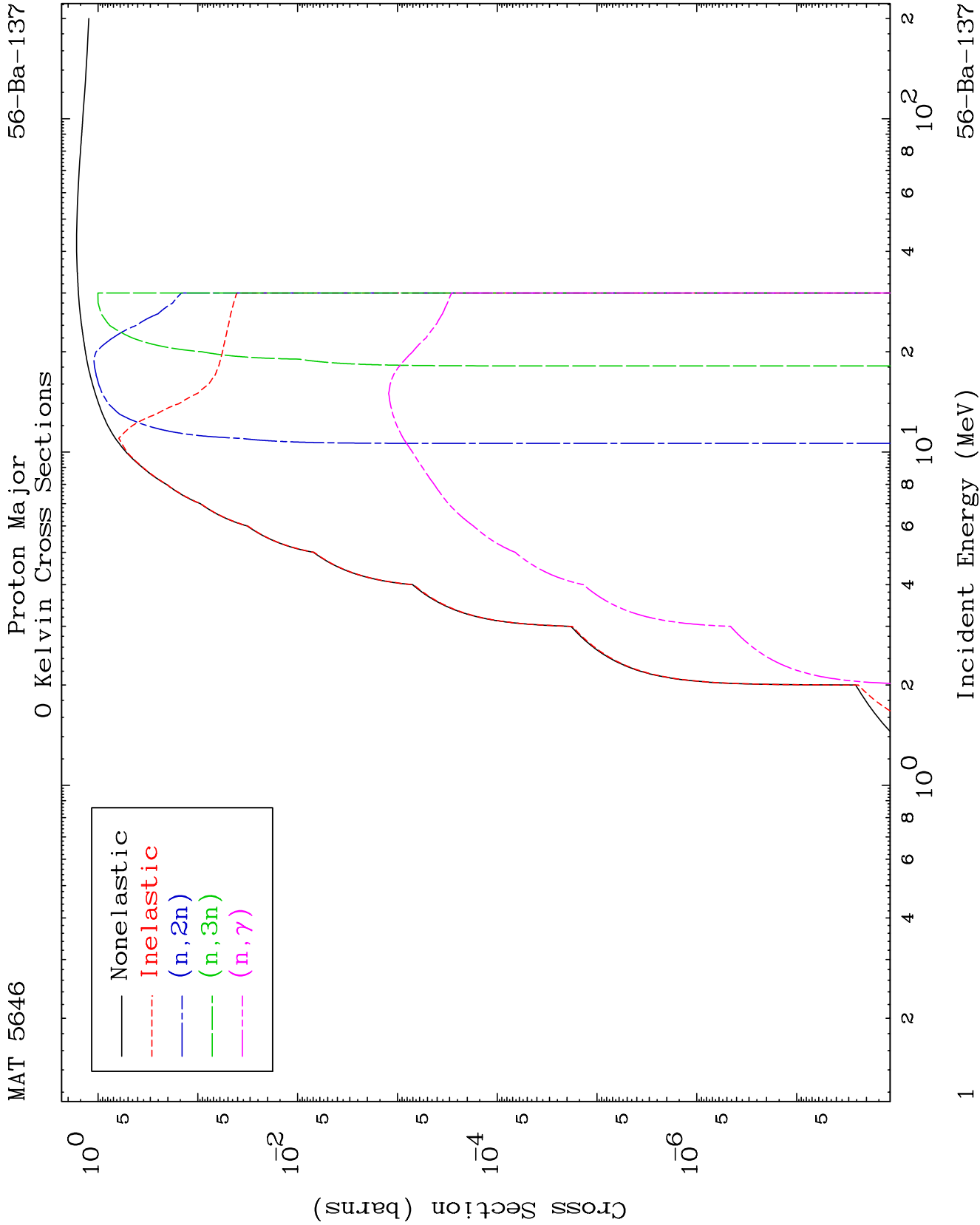
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

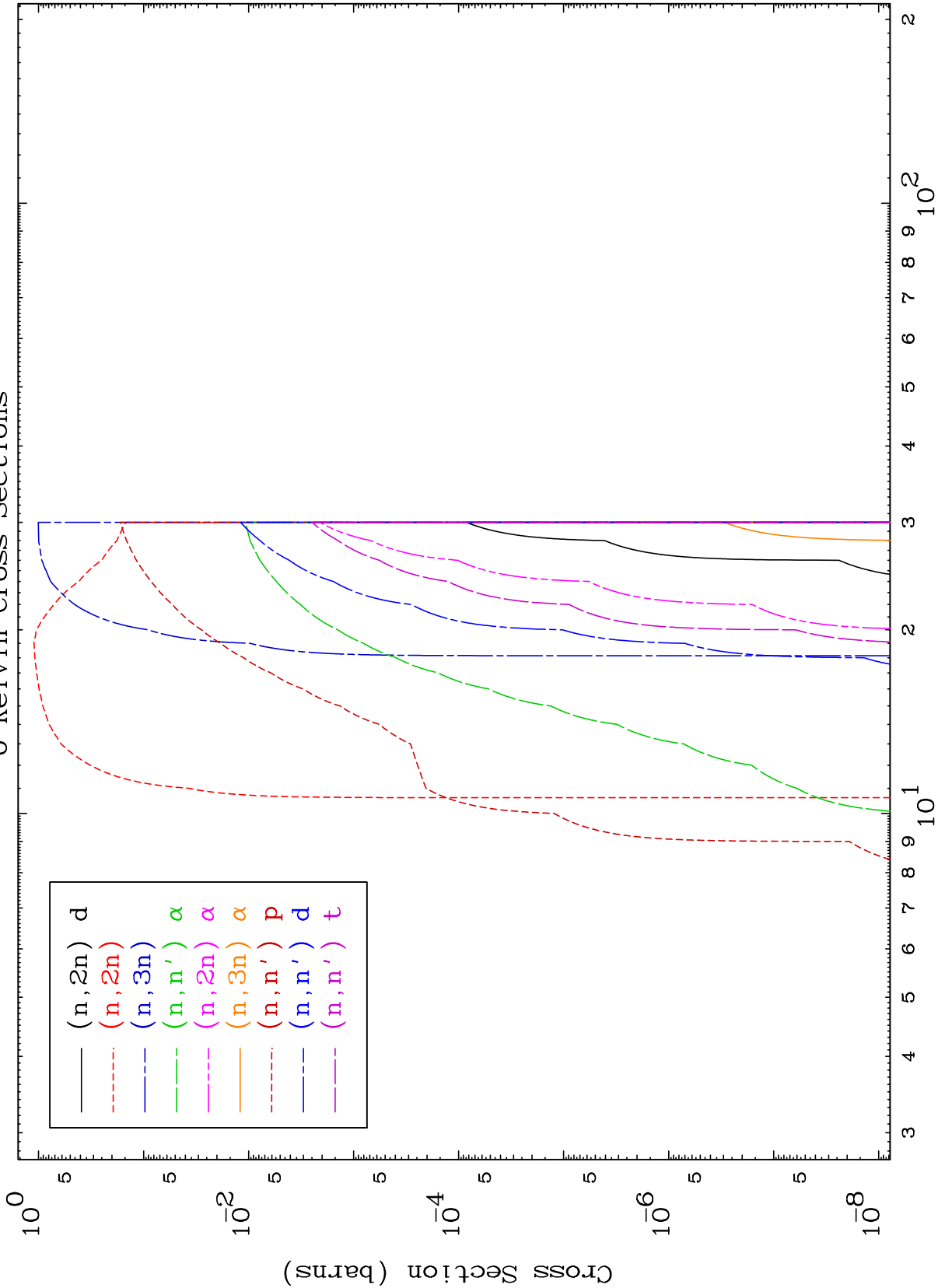
Press Mouse Button to Start



MAT 5646

Proton Neutron Absorption  
0 Kelvin Cross Sections

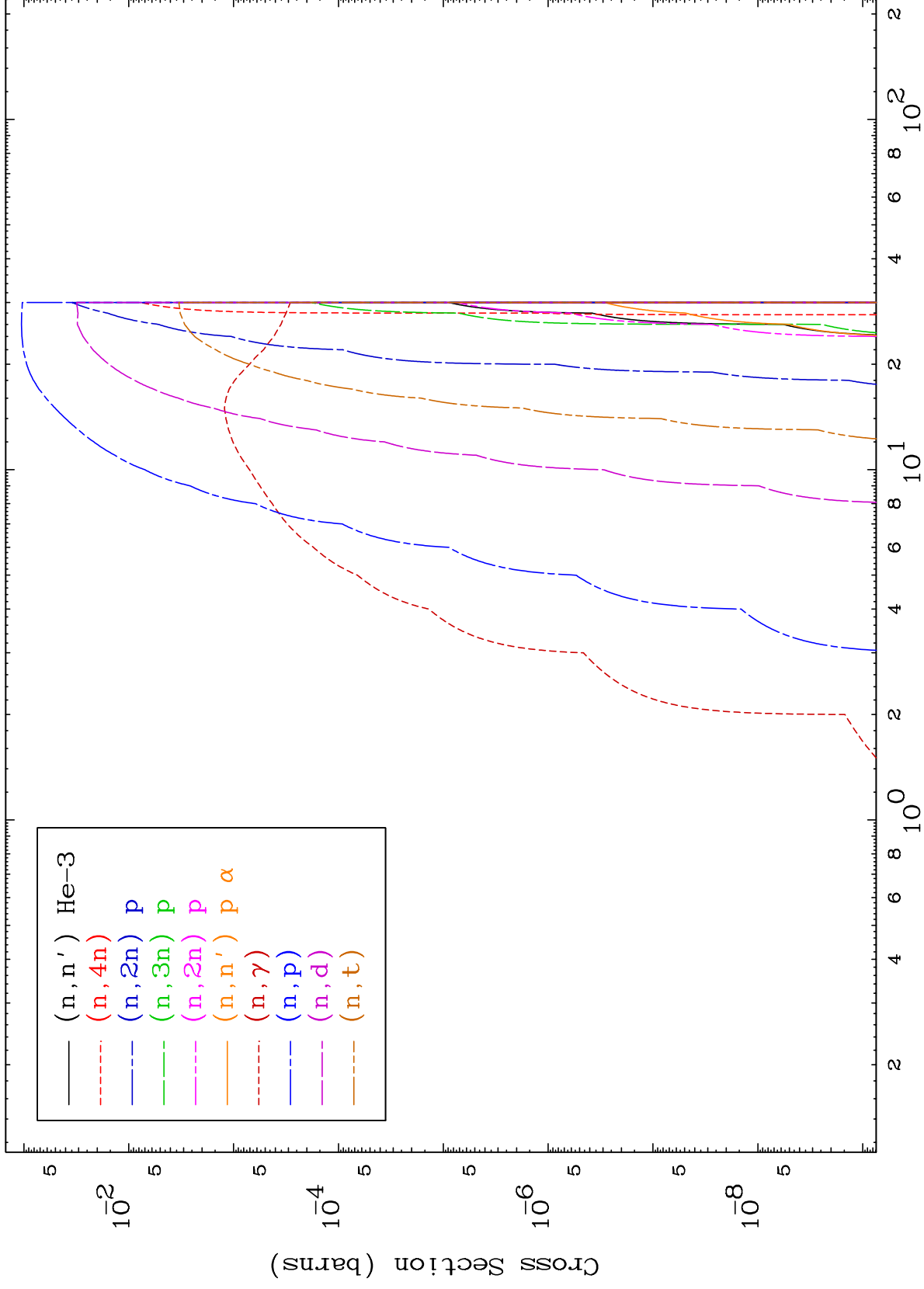
56-Ba-137

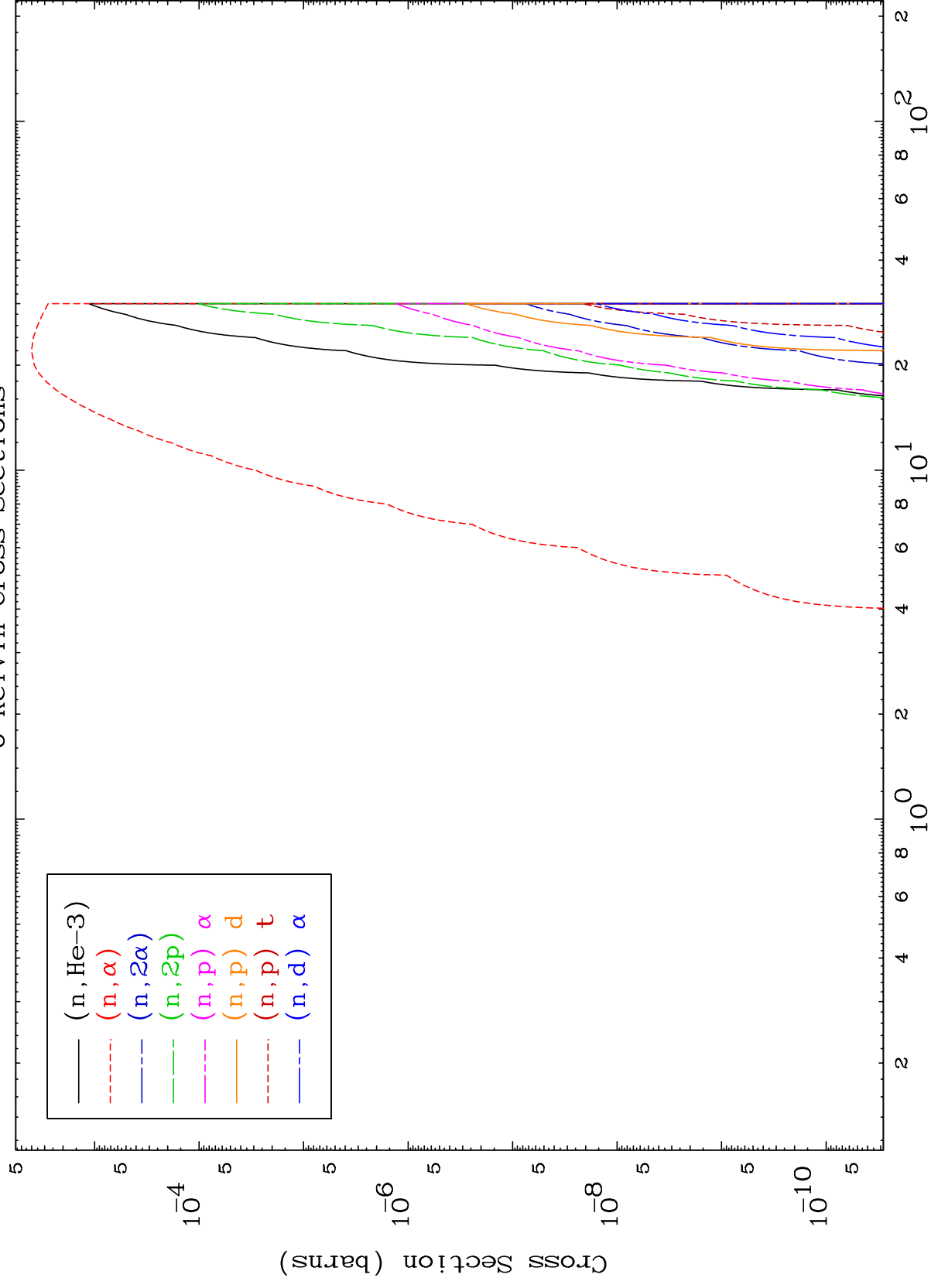


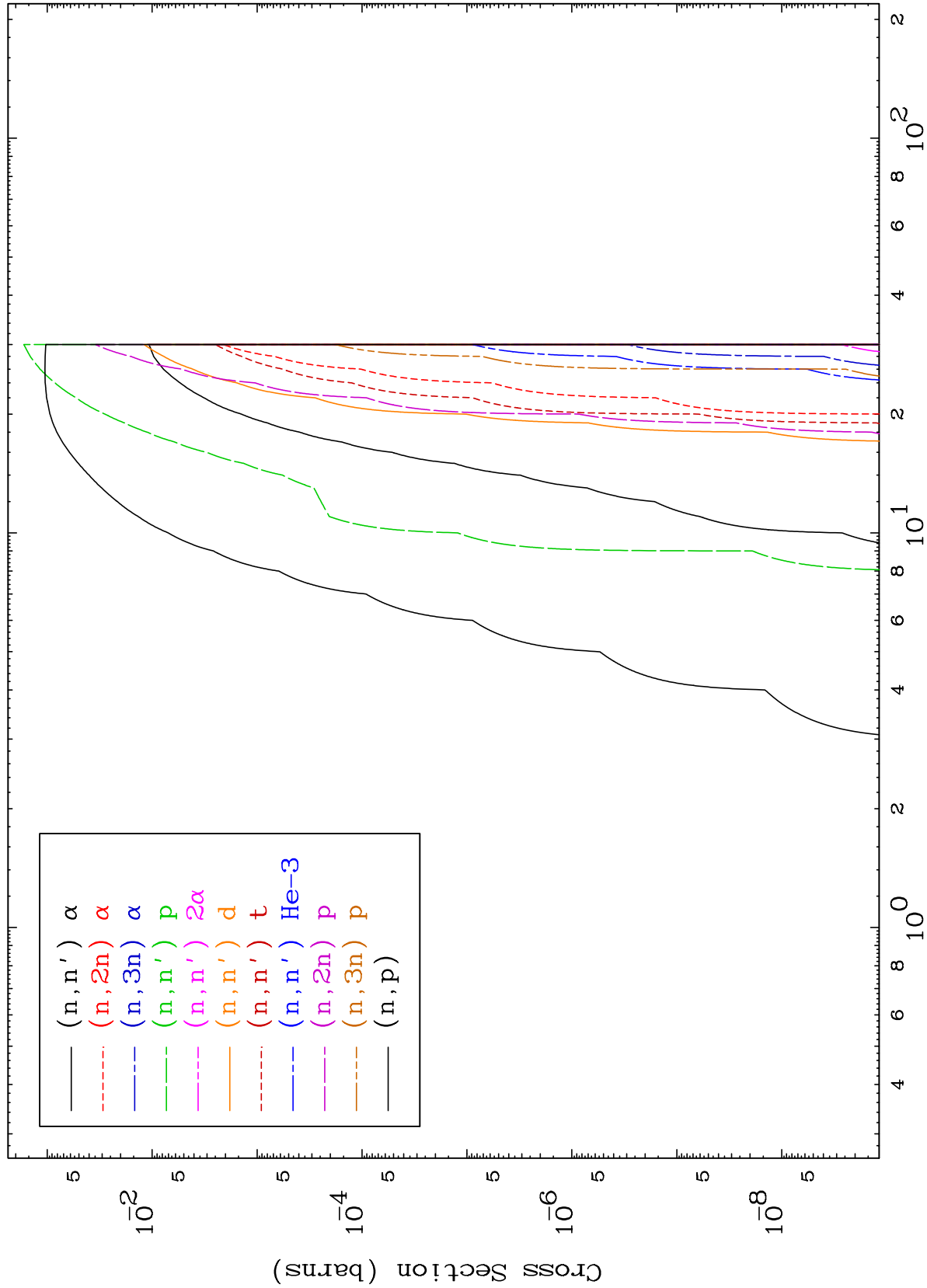
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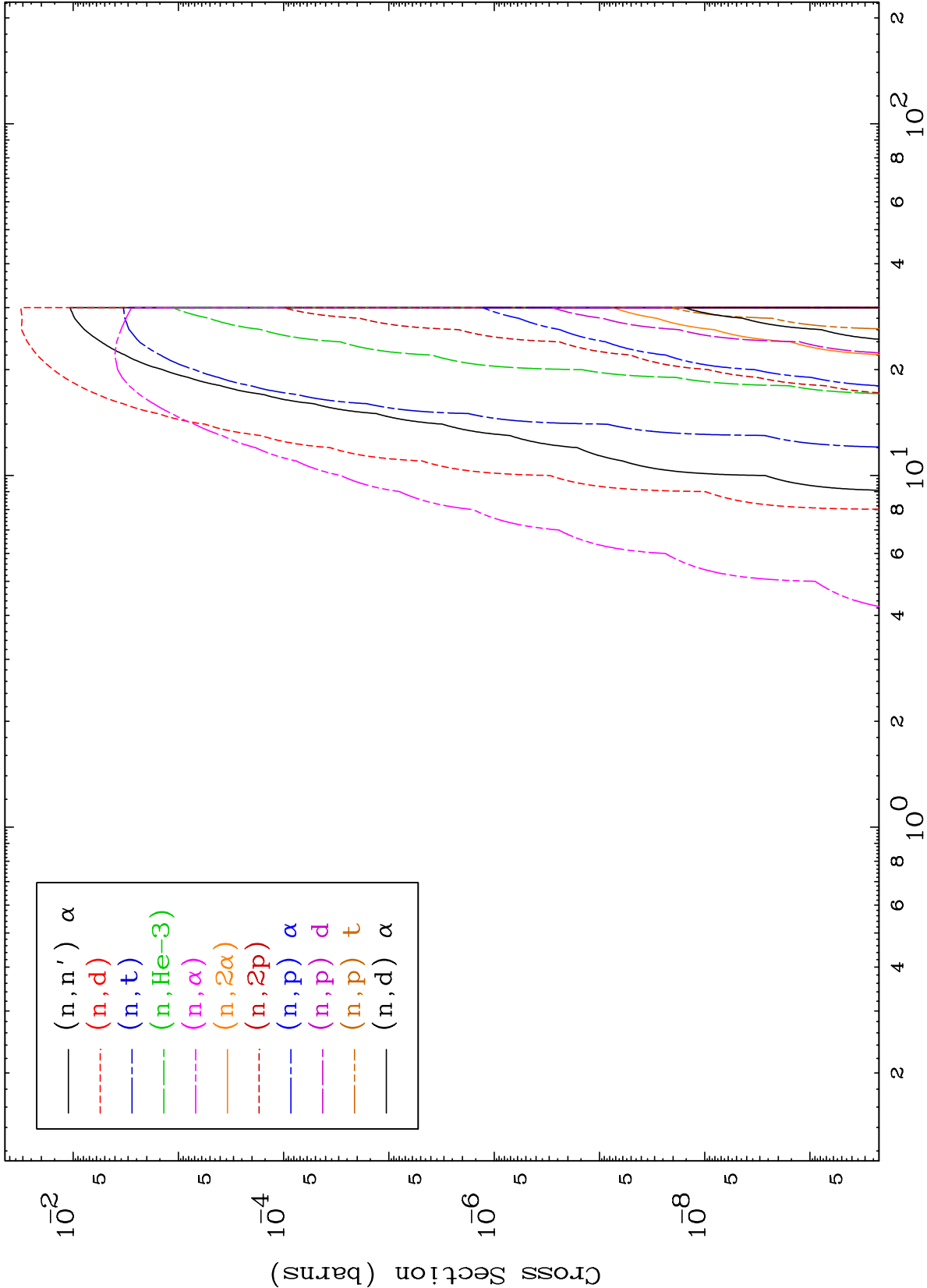
Incident Energy (MeV)

56-Ba-137





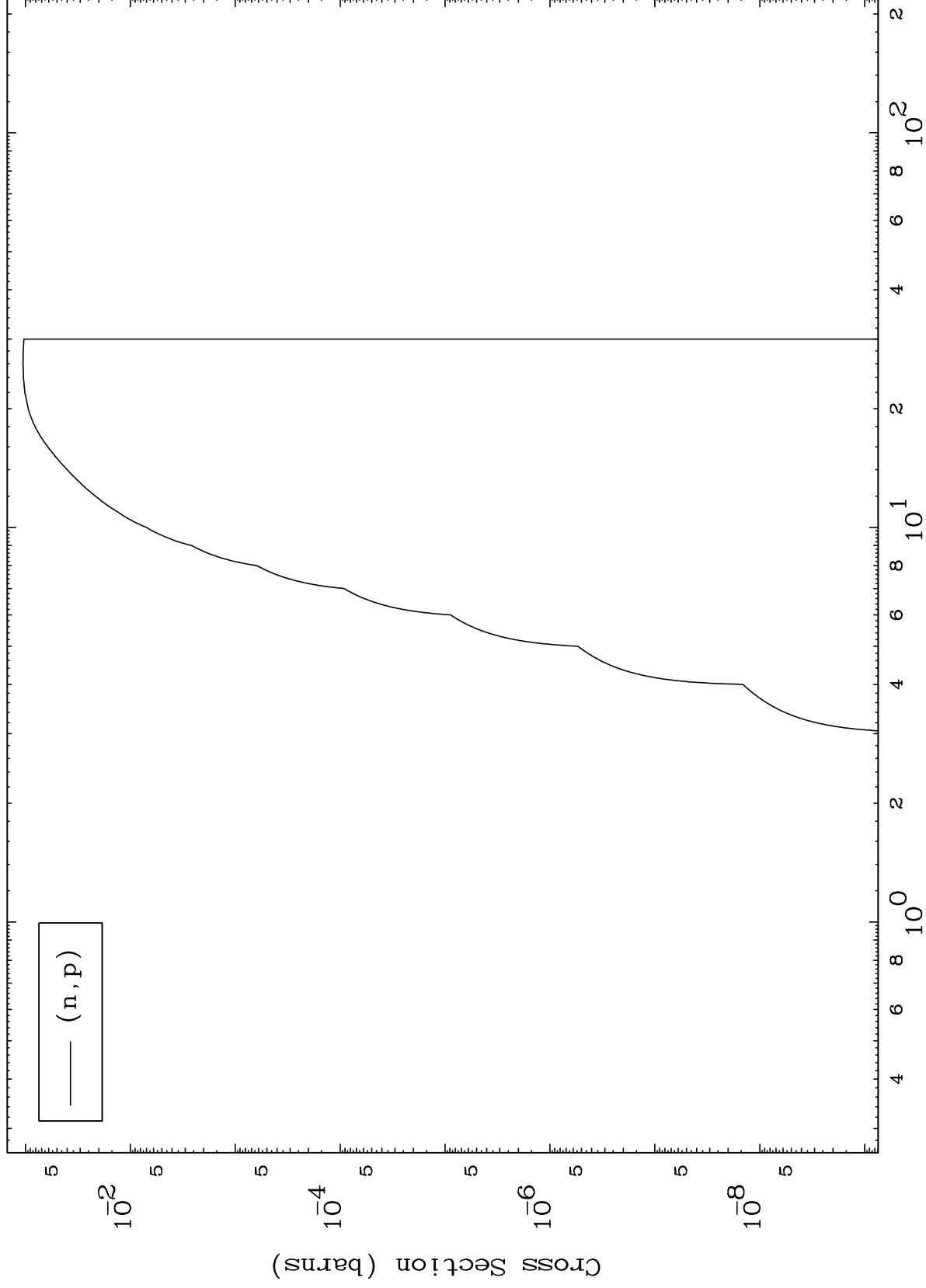




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56-Ba-137

(p,p) Levels  
0 Kelvin Cross Sections



56-Ba-137

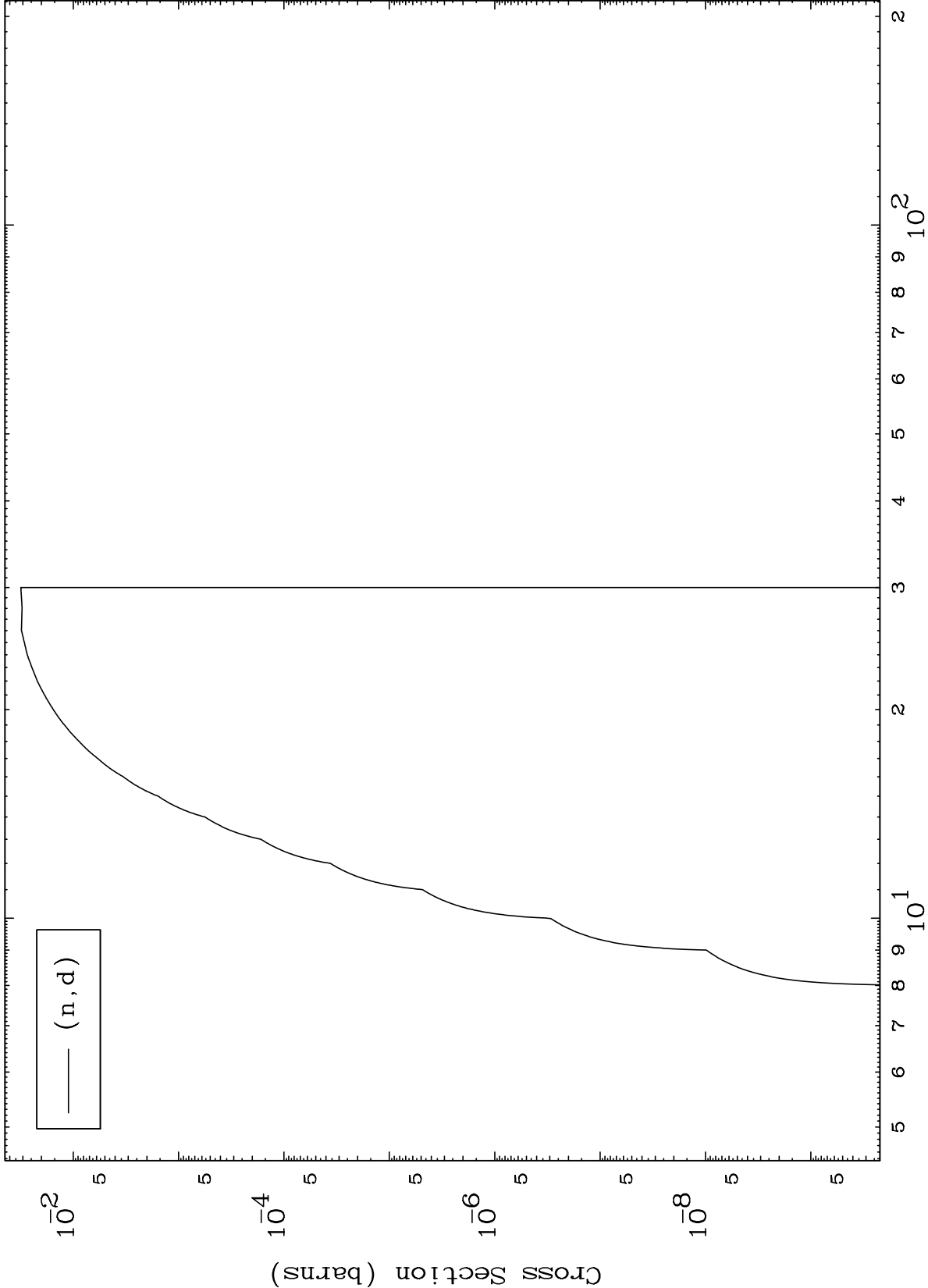
Incident Energy (MeV)

7

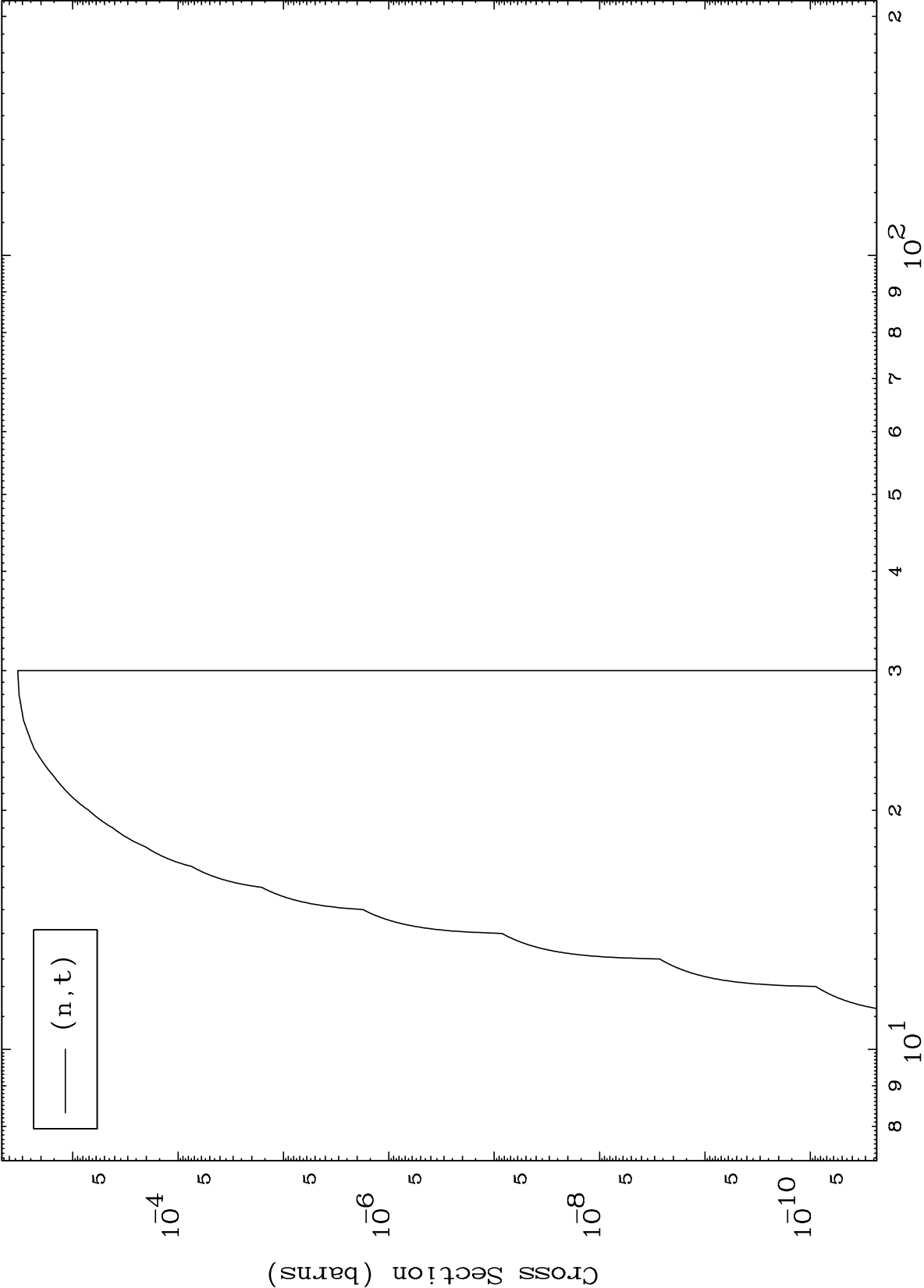
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(p,d) Levels  
0 Kelvin Cross Sections

56-Ba-137



0 Kelvin Cross Sections

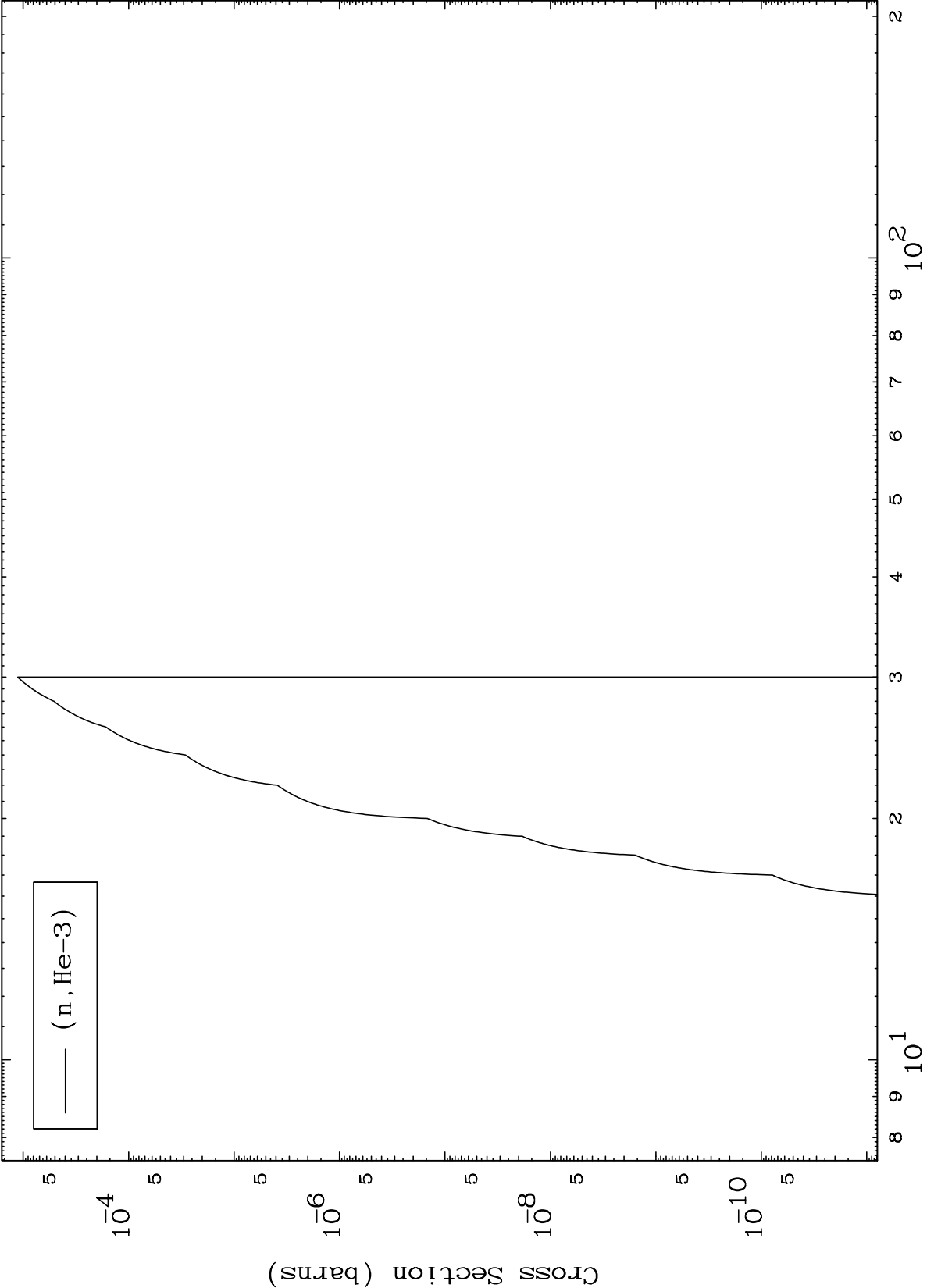


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(p,He3) Levels

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0 Kelvin Cross Sections



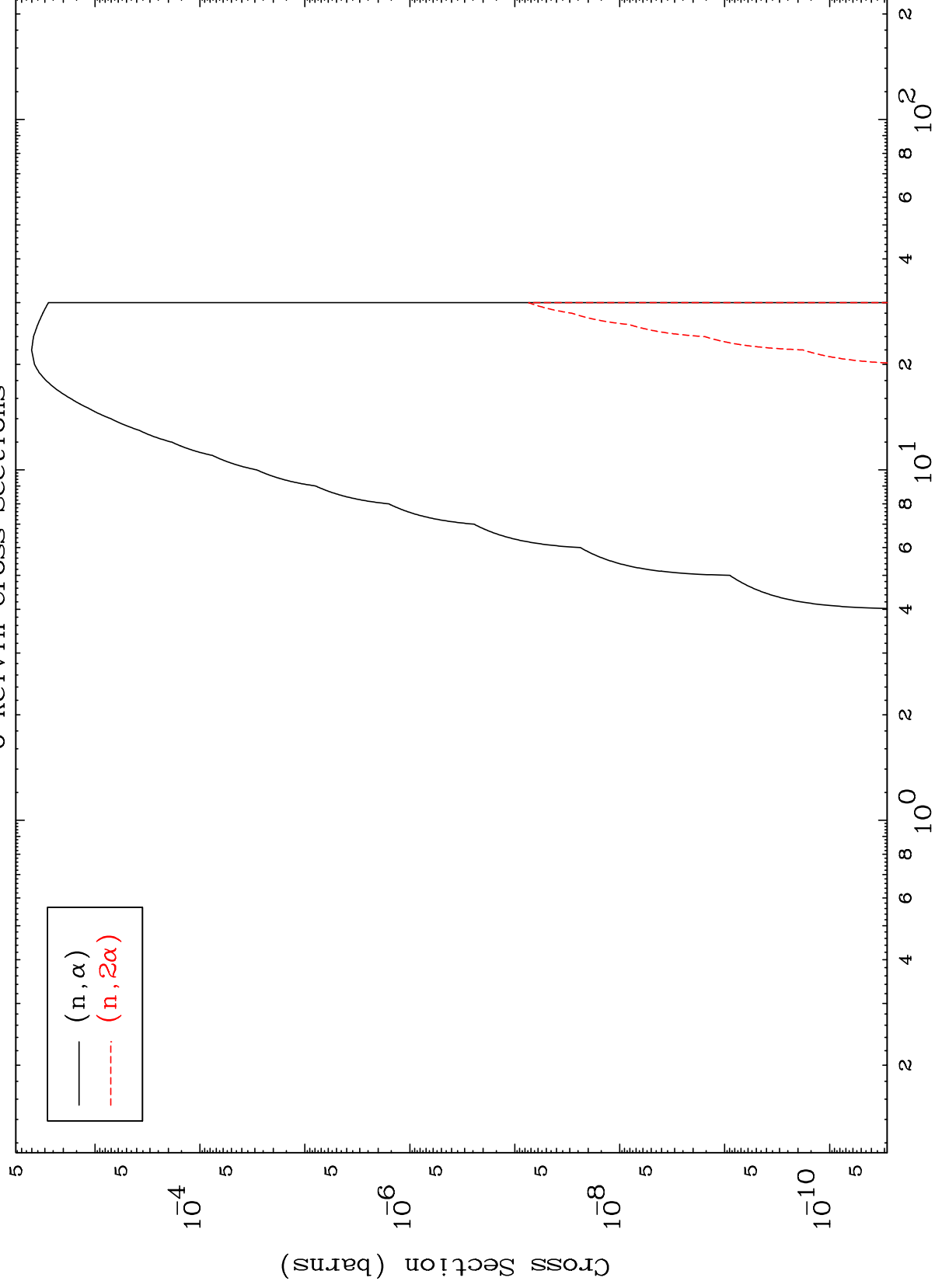
Incident Energy (MeV)

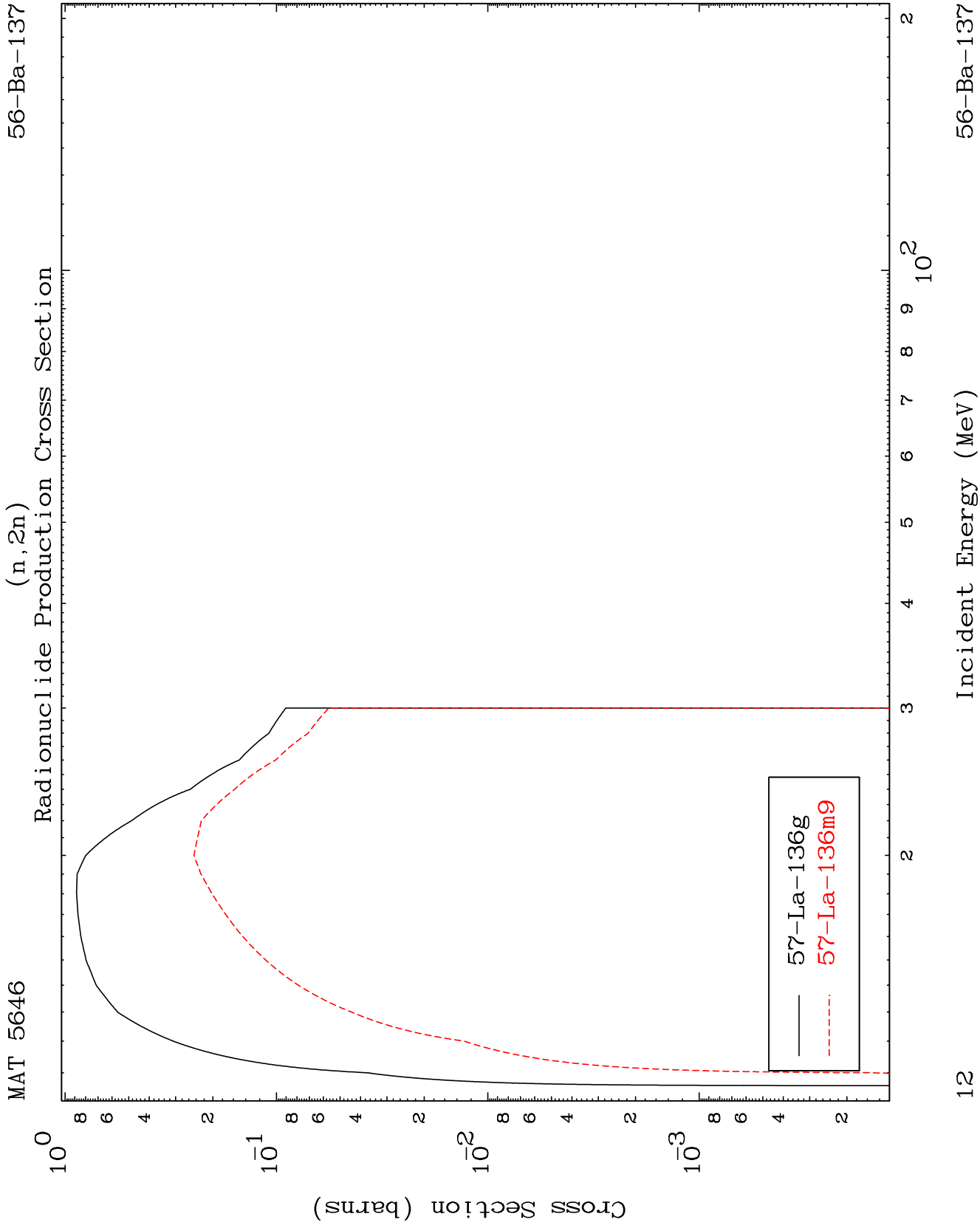
56-Ba-137

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56-Ba-137

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

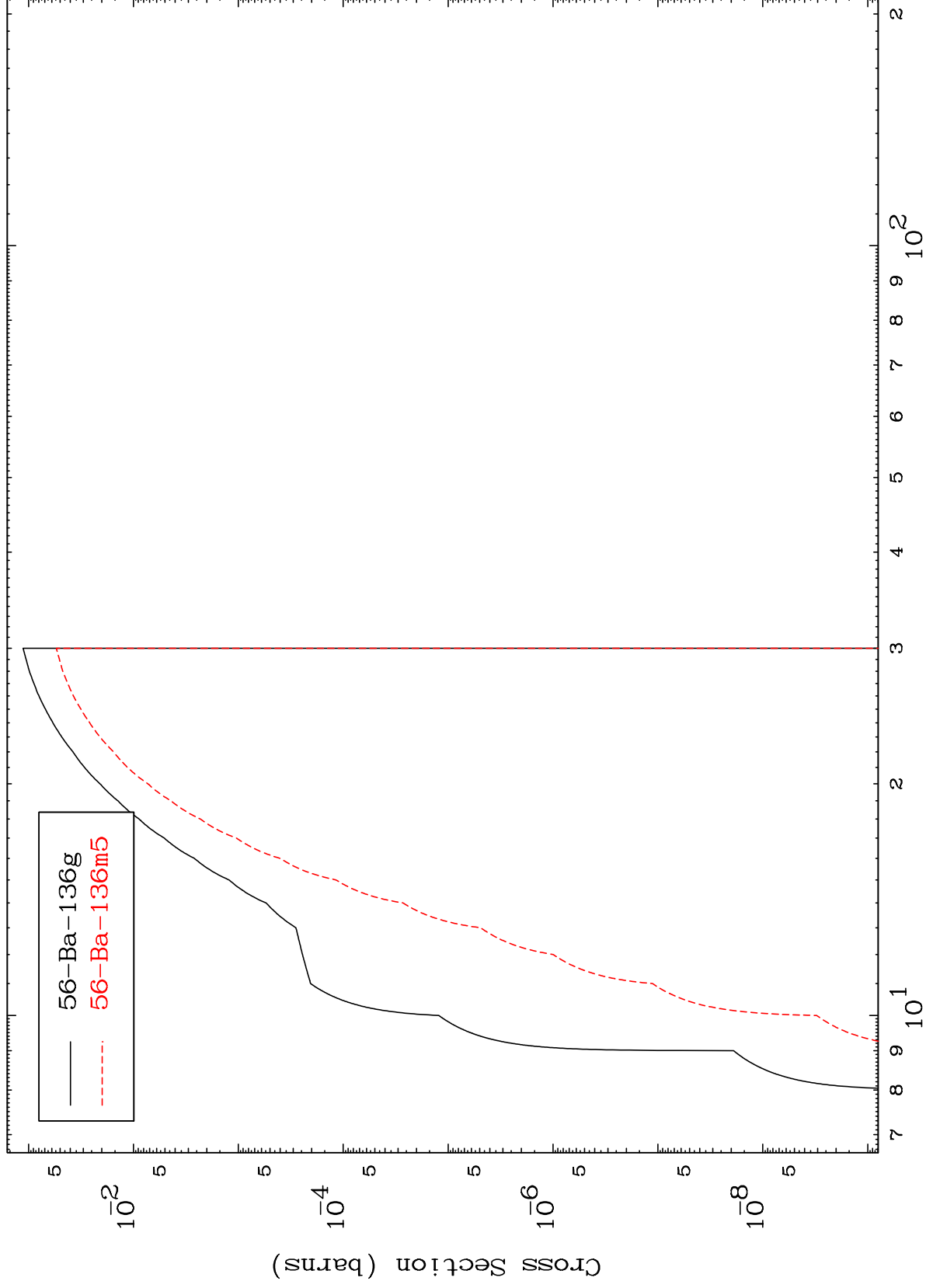




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56-Ba-137

(n,n') p  
Radionuclide Production Cross Section

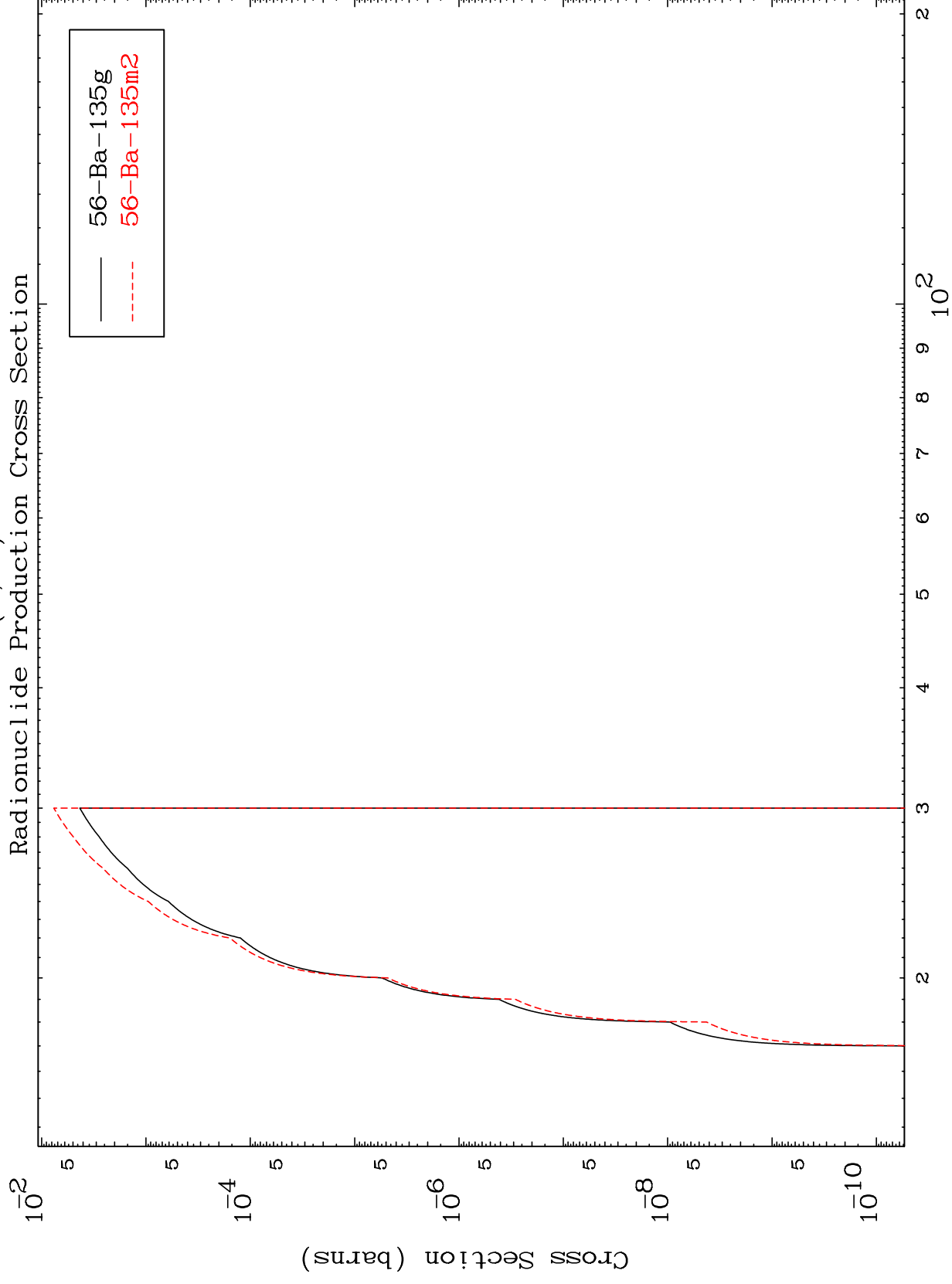


56-Ba-137

Incident Energy (MeV)

13

(n, n') d  
Radionuclide Production Cross Section

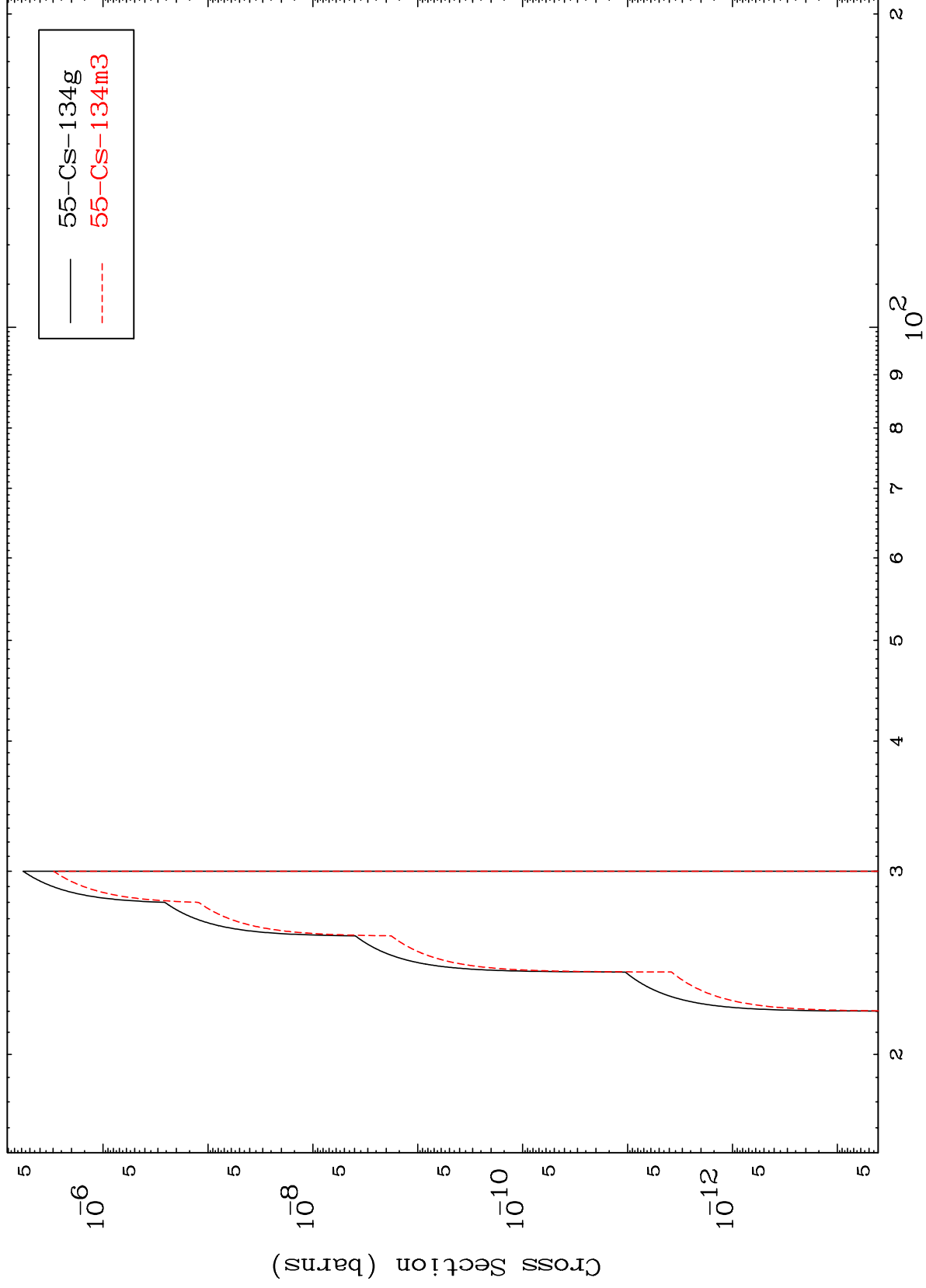


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(n,n') He-3

56-Ba-137

Radionuclide Production Cross Section



15

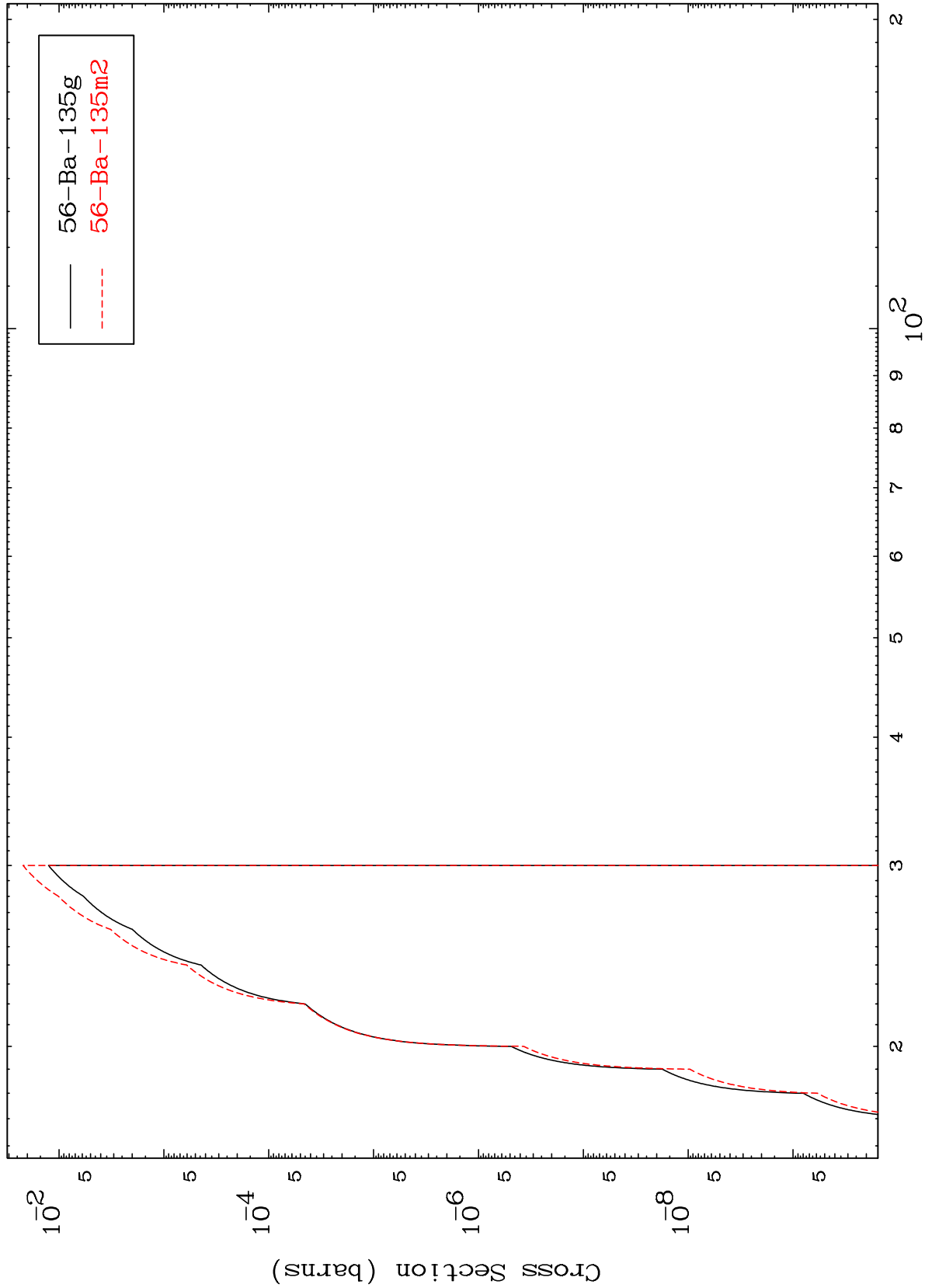
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n,2n) p  
Radionuclide Production Cross Section

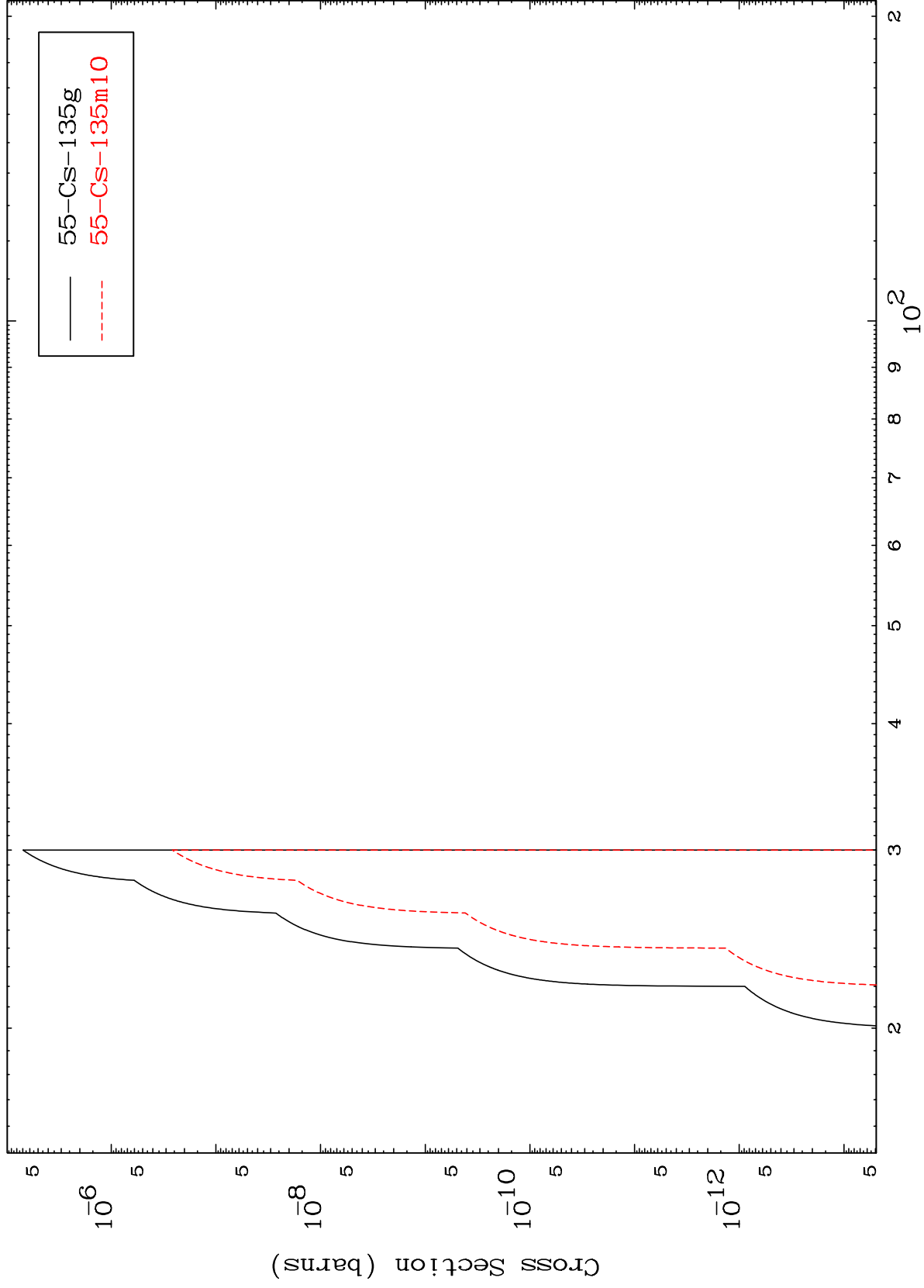


56-Ba-137

Incident Energy (MeV)

16

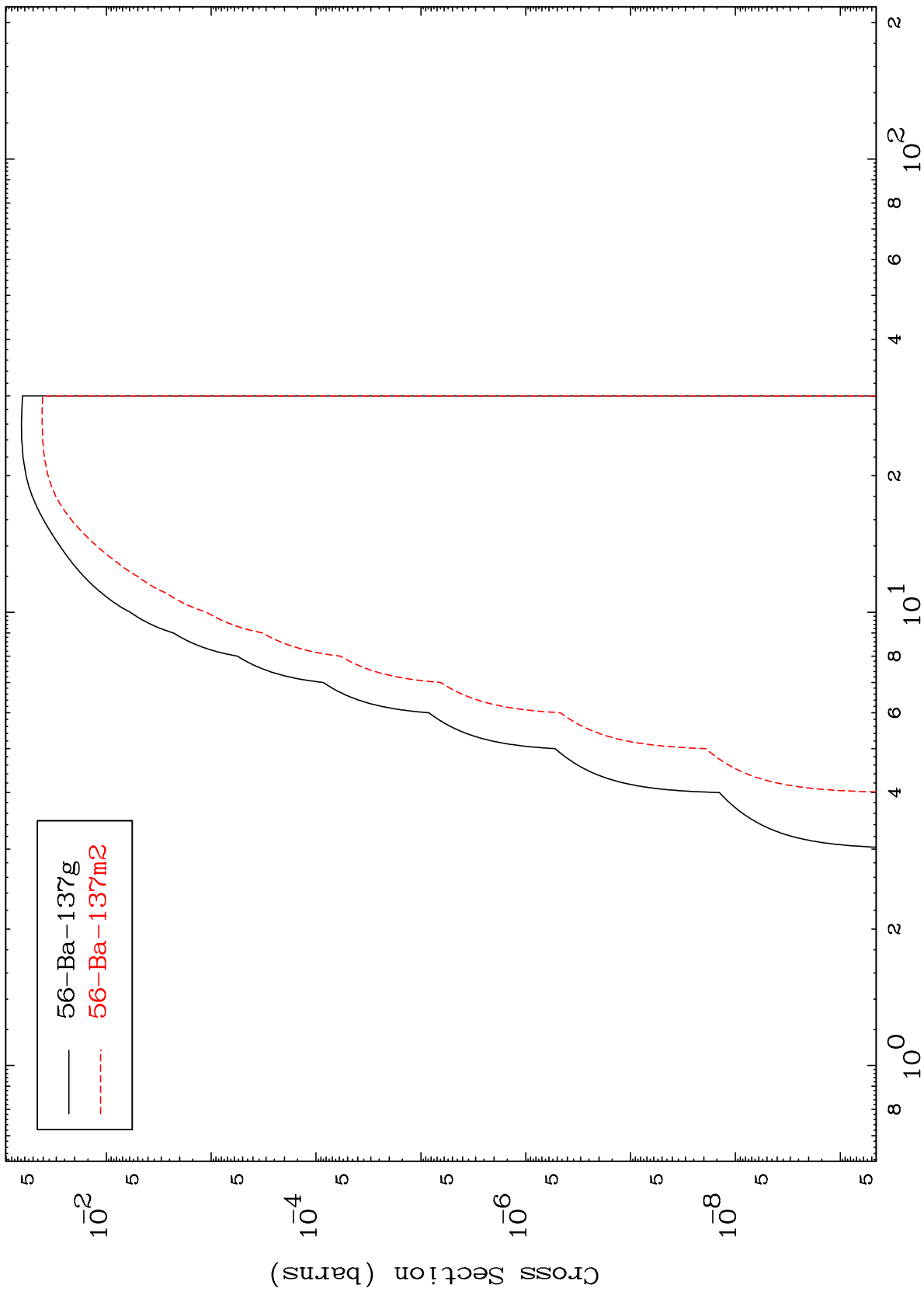
(n,2n) p  
Radionuclide Production Cross Section



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56-Ba-137

Radionuclide Production Cross Section  
(n,p)



18

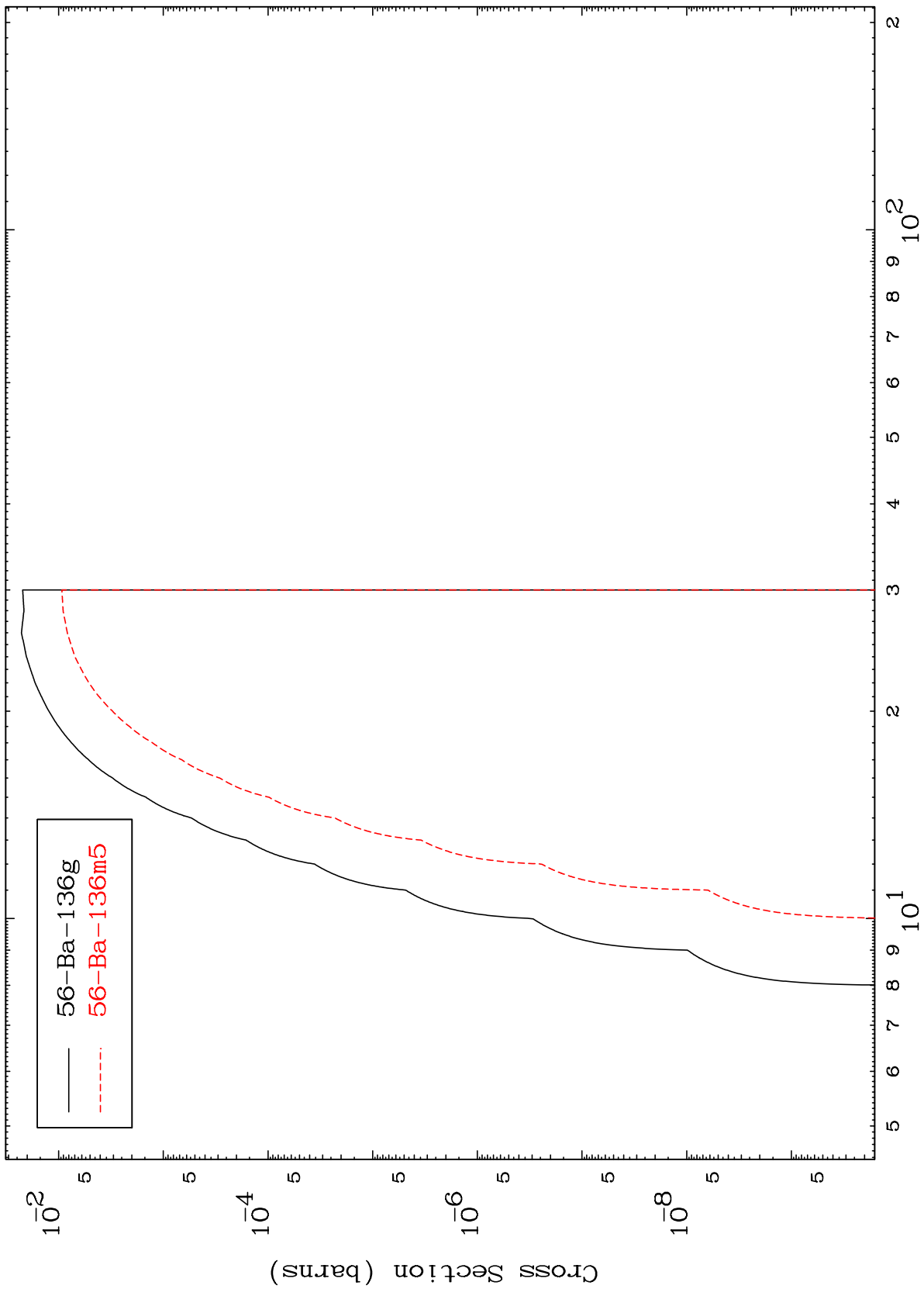
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section  
(n,d)



19

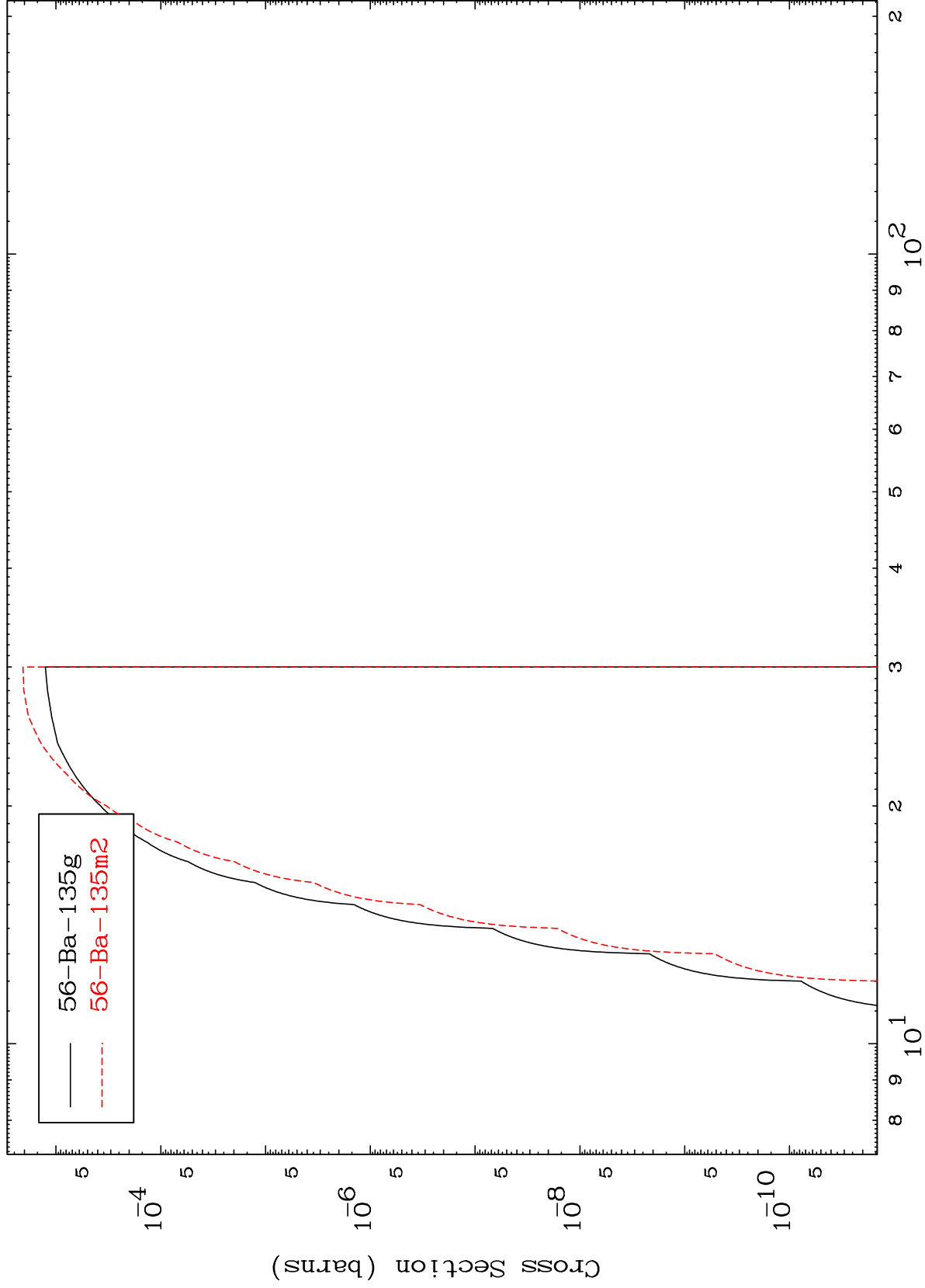
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section  
(n,t)



56-Ba-137

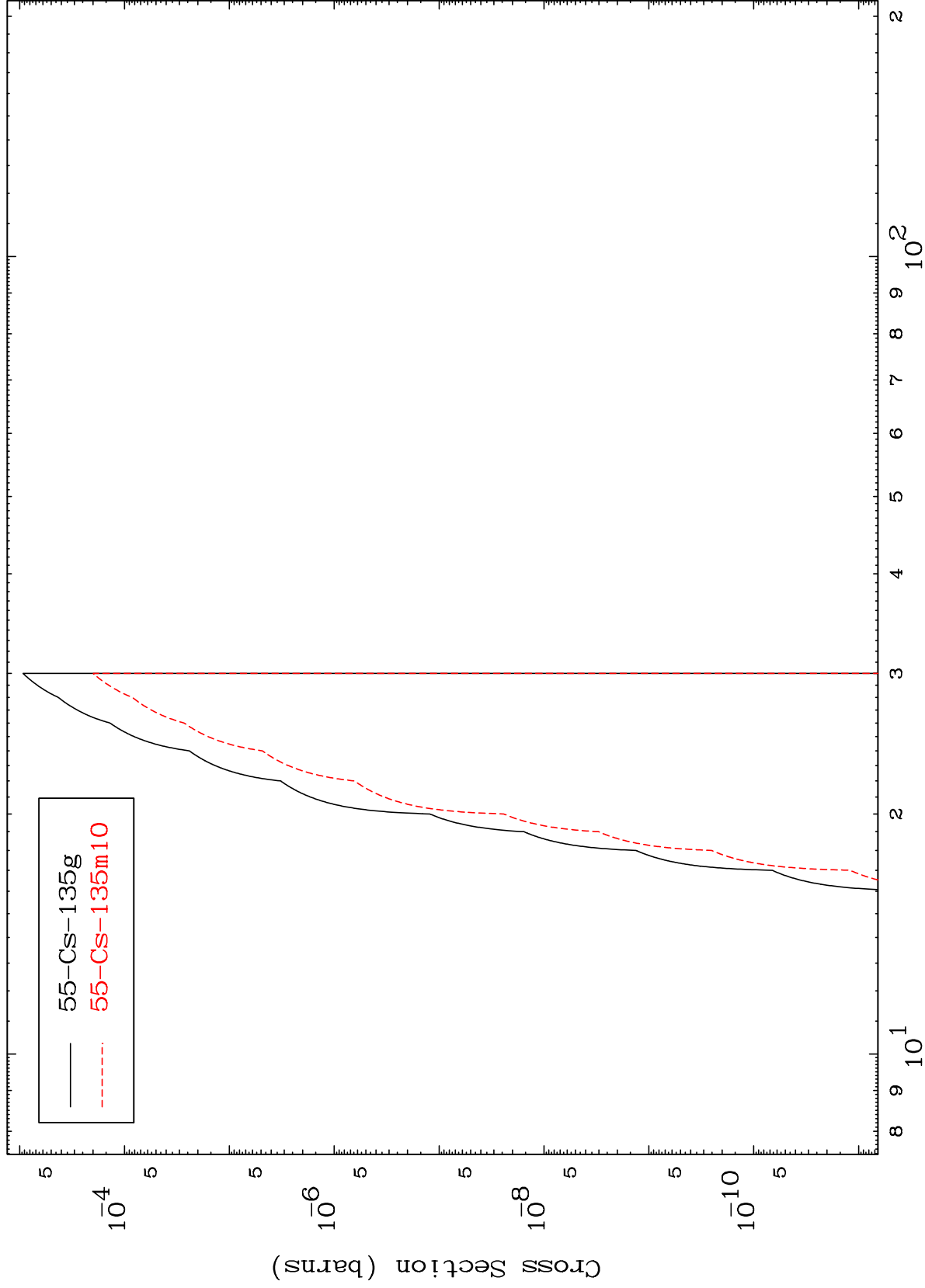
Incident Energy (MeV)

20

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56-Ba-137

Radionuclide Production Cross Section  
(n,He-3)

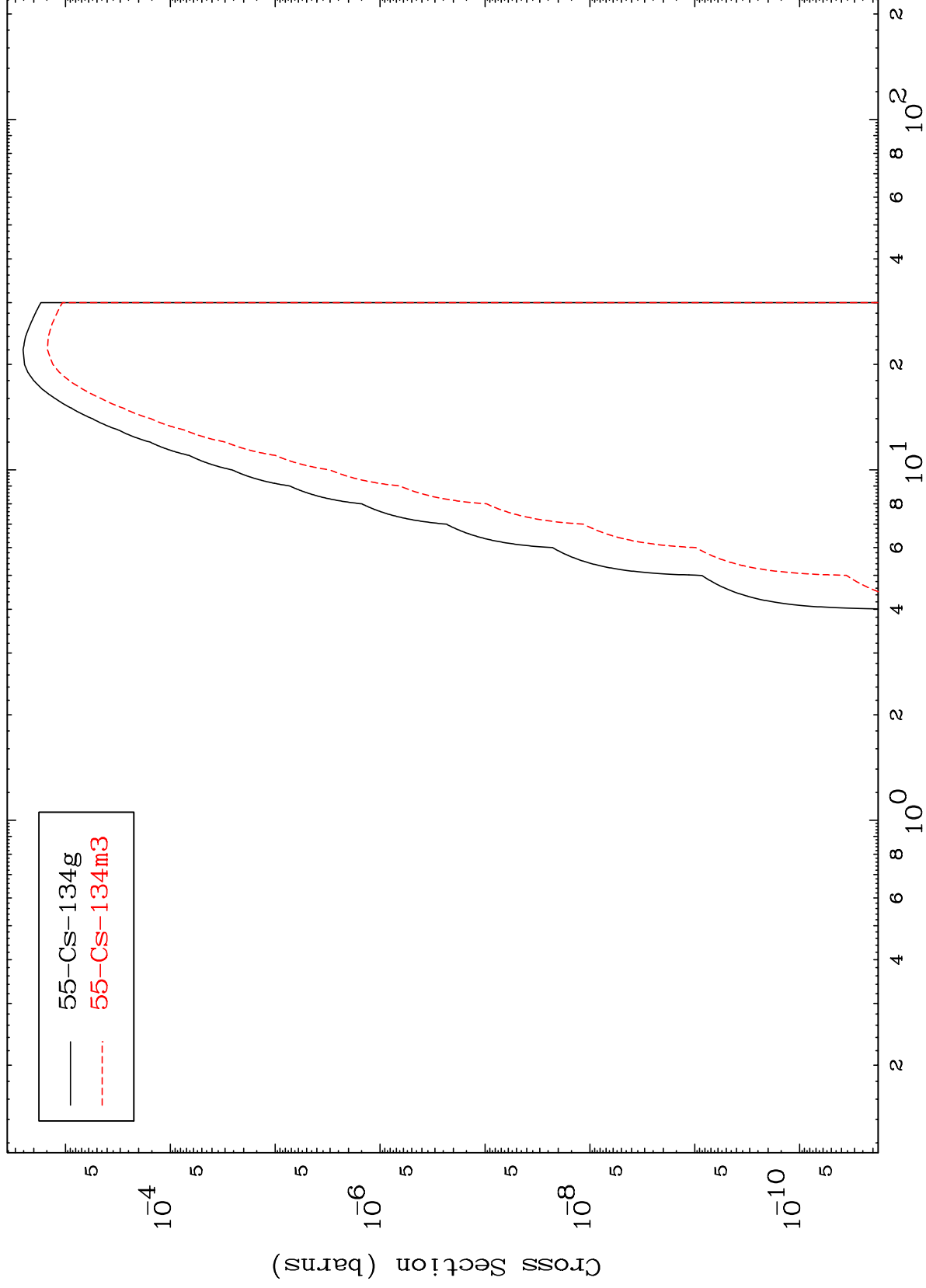


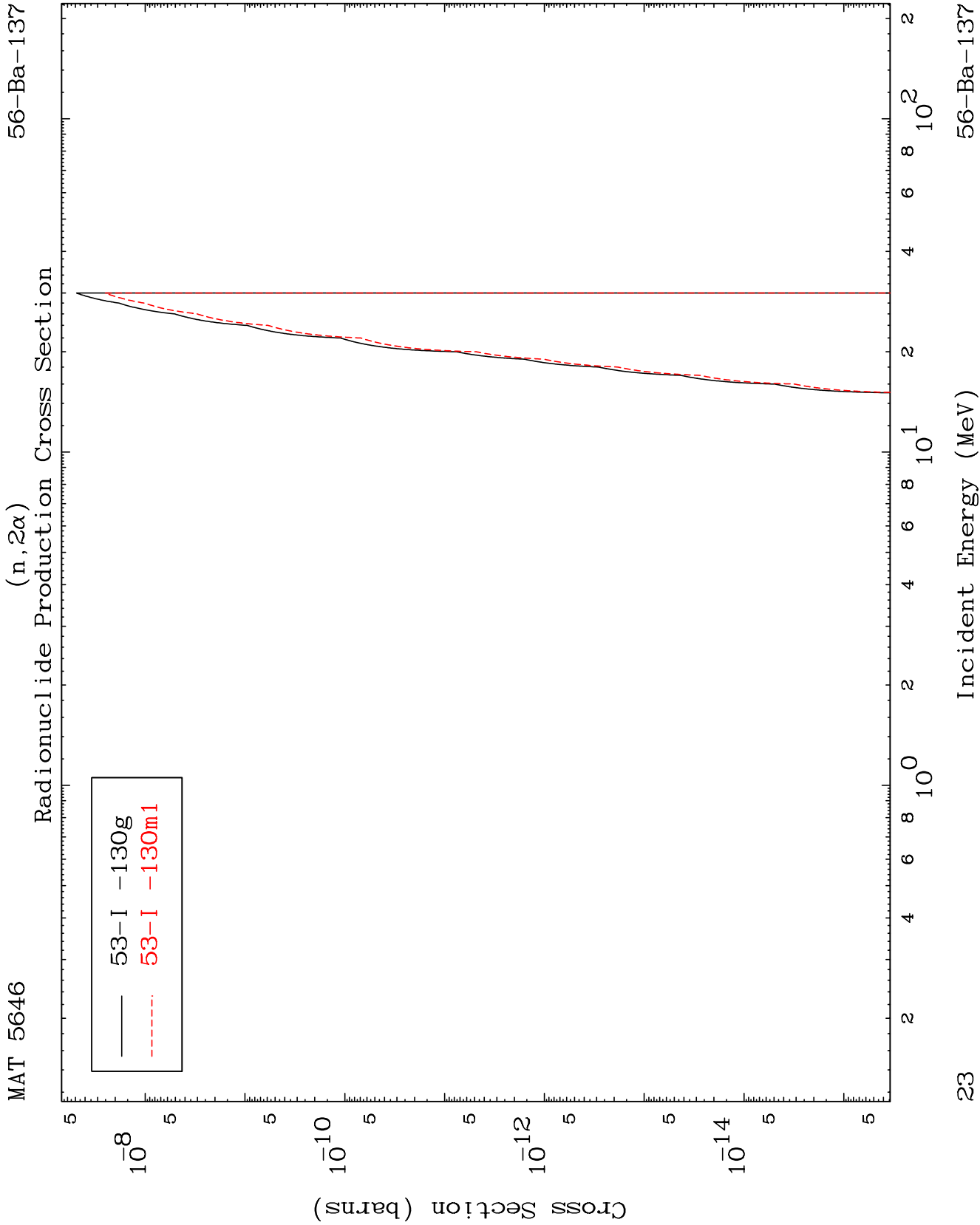
56-Ba-137

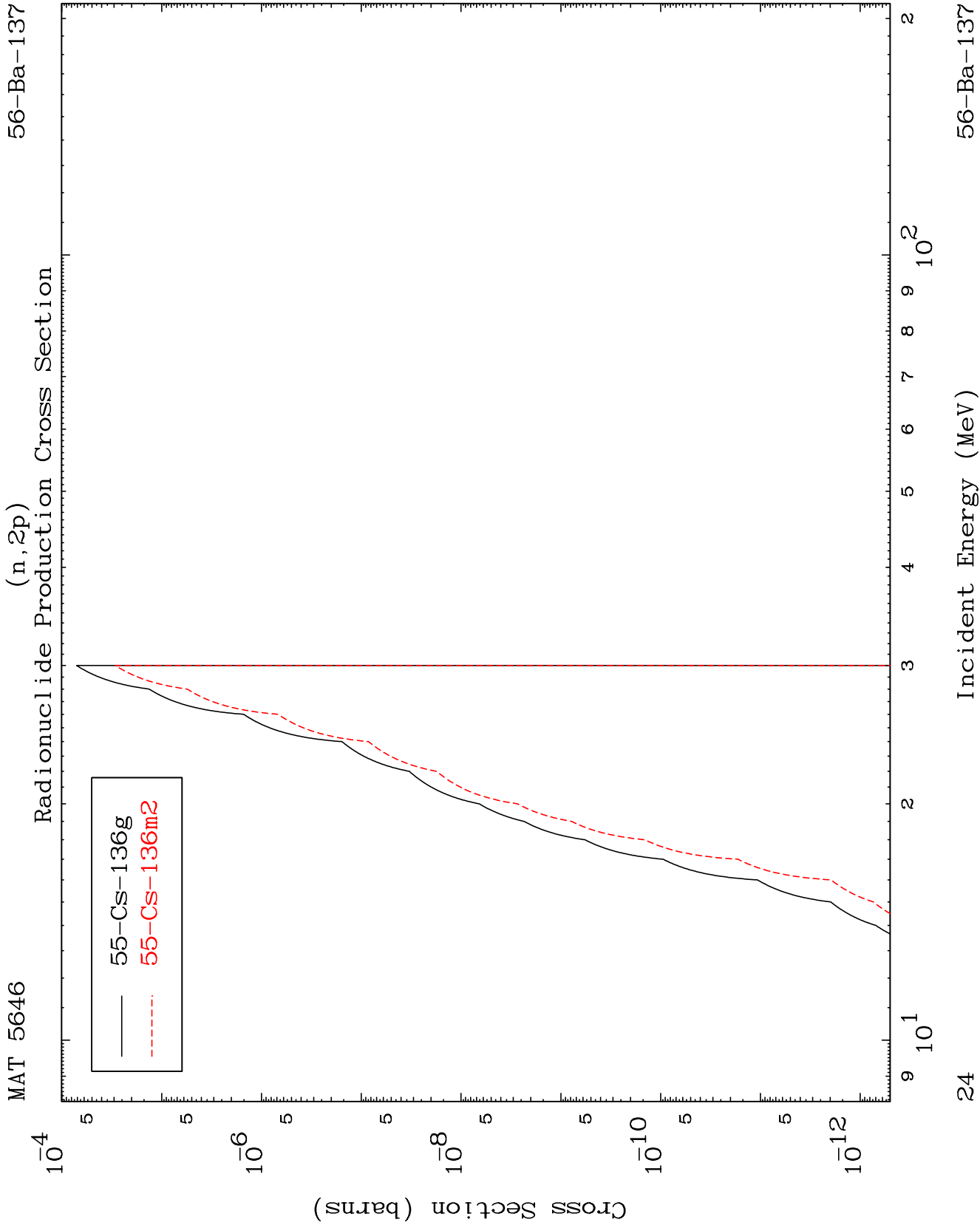
Incident Energy (MeV)

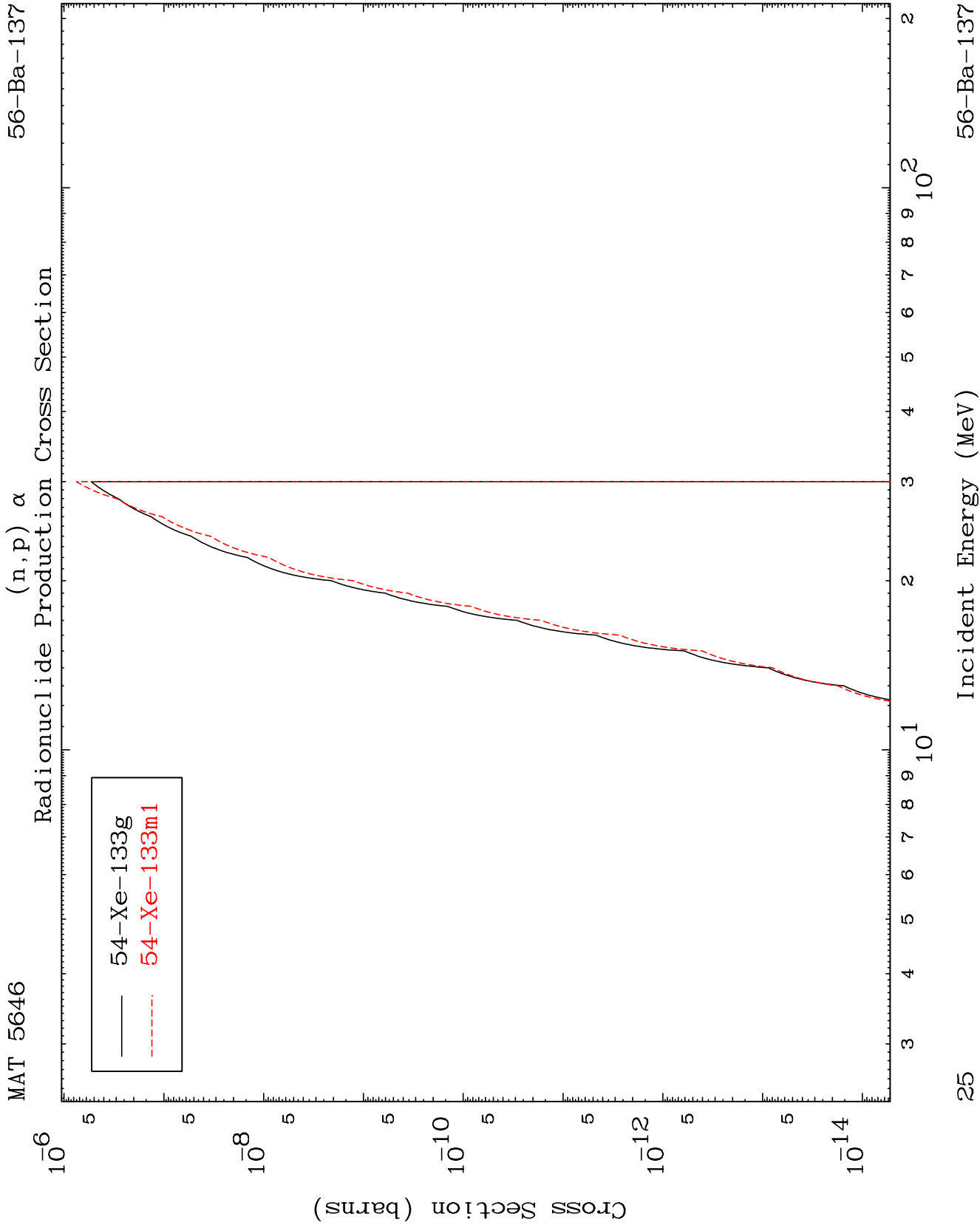
21

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

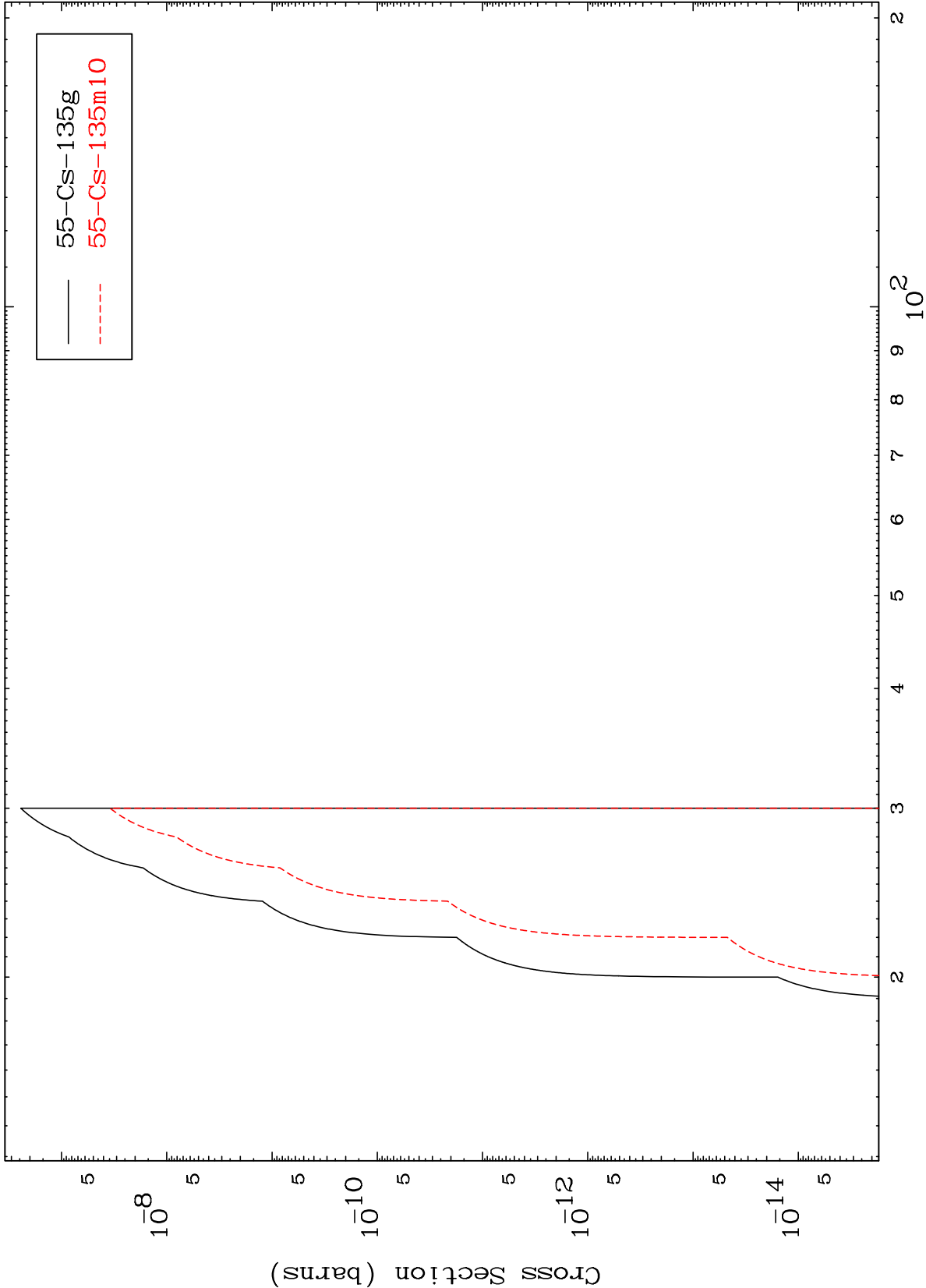








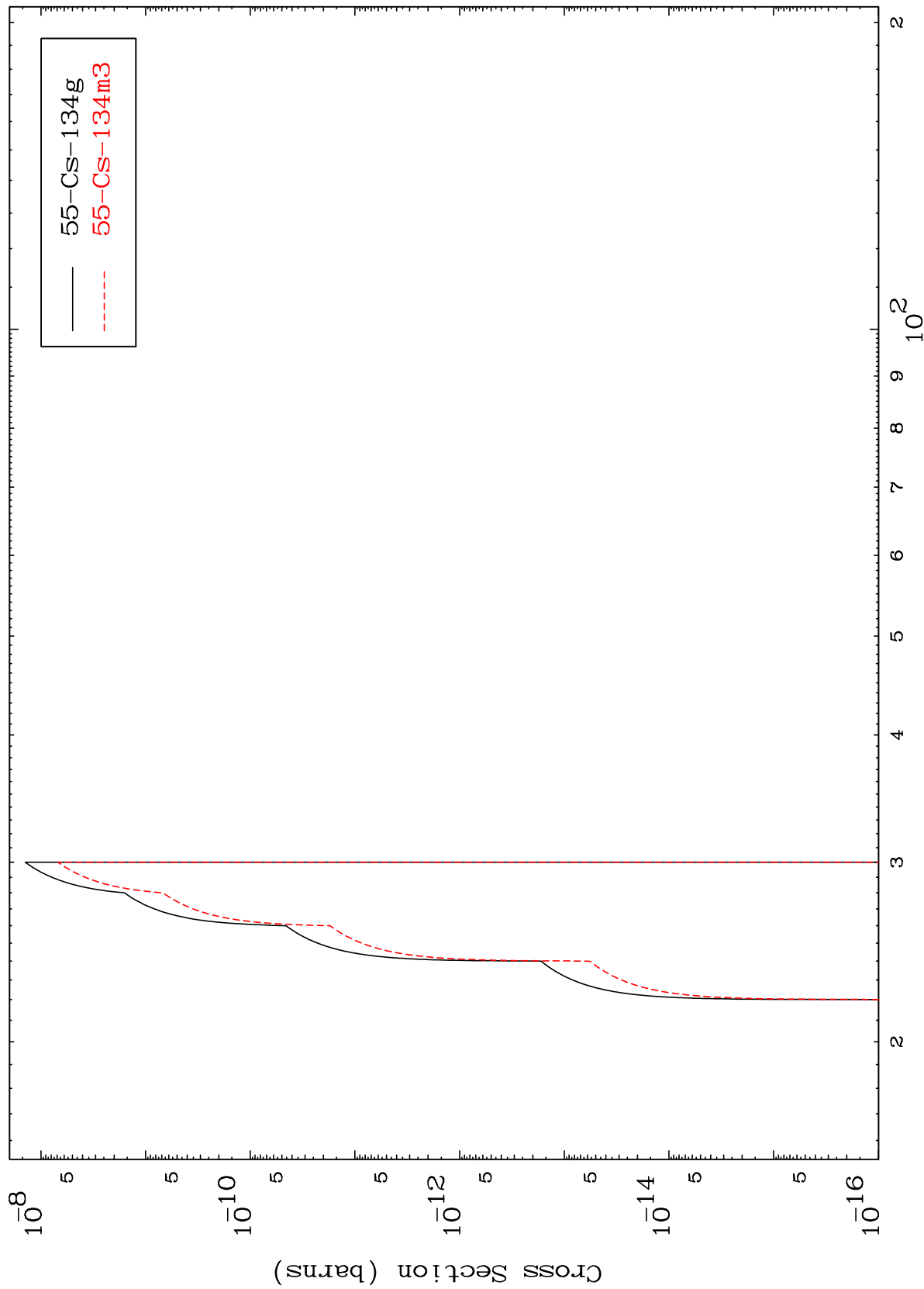
(n,p) d  
Radionuclide Production Cross Section



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56-Ba-137

(n,p) t  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

56-Ba-137