

Program EVALPLOT  
(Version 2021-1)

by

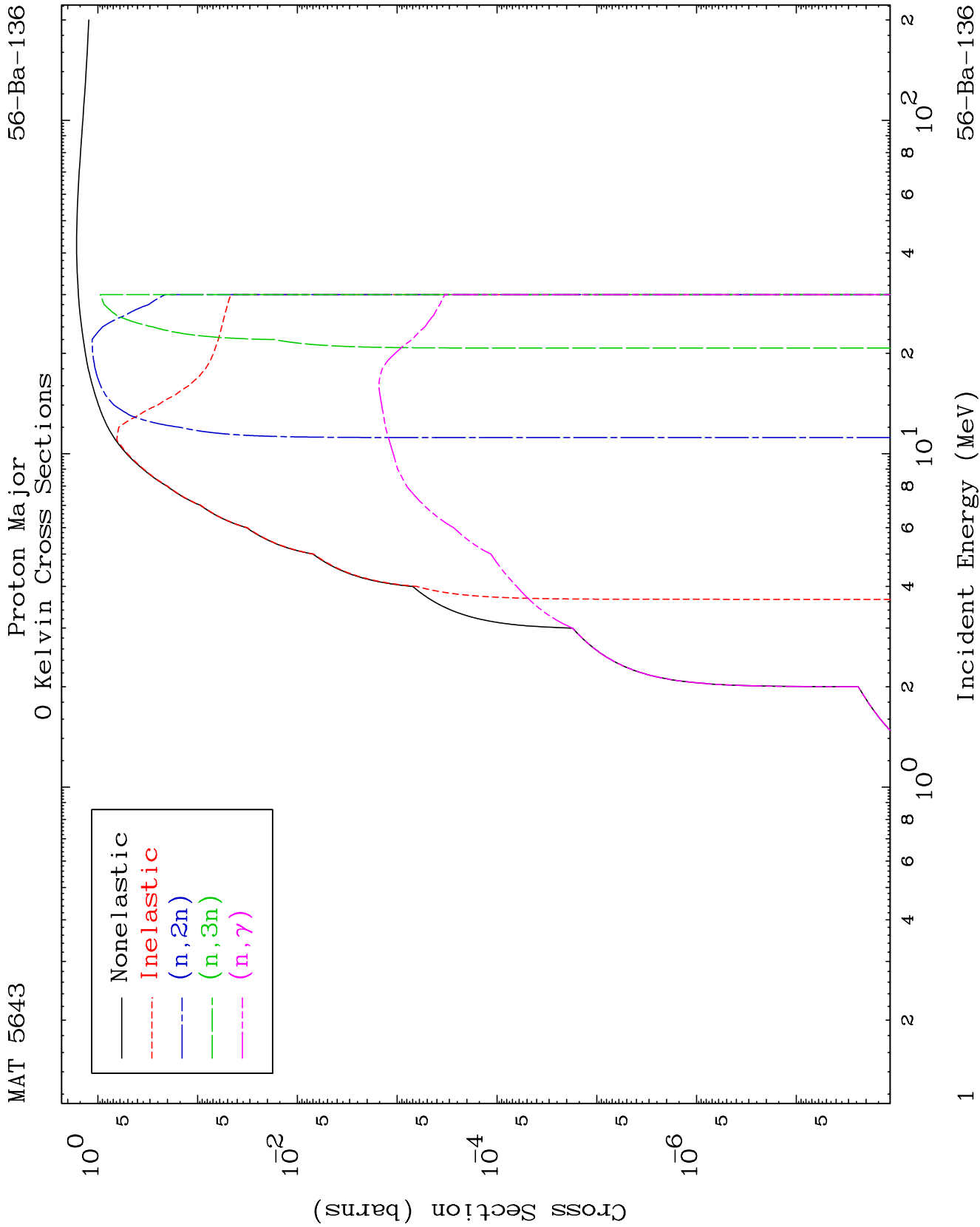
Dermott E. Cullen  
(Present Contact Information)

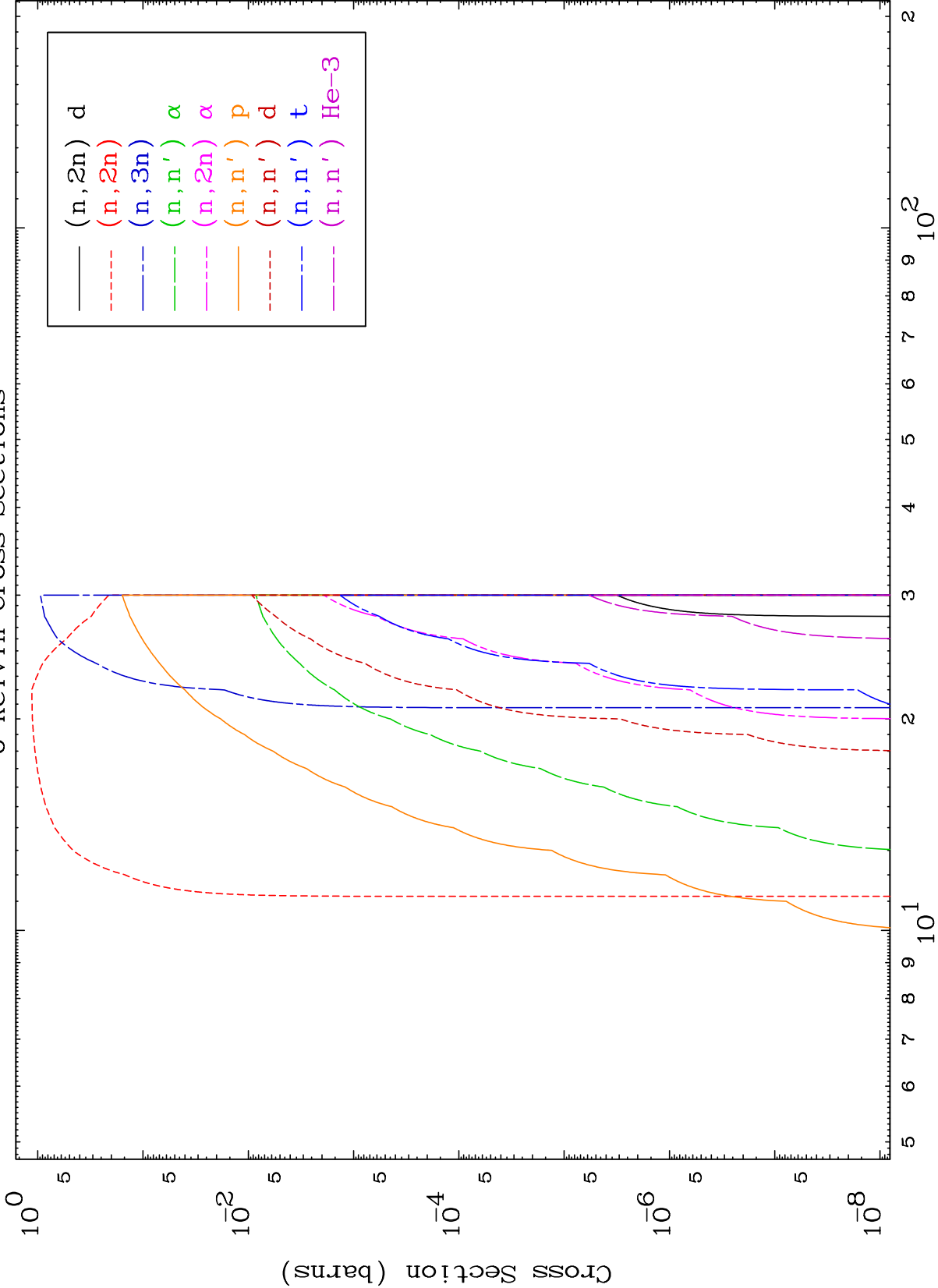
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

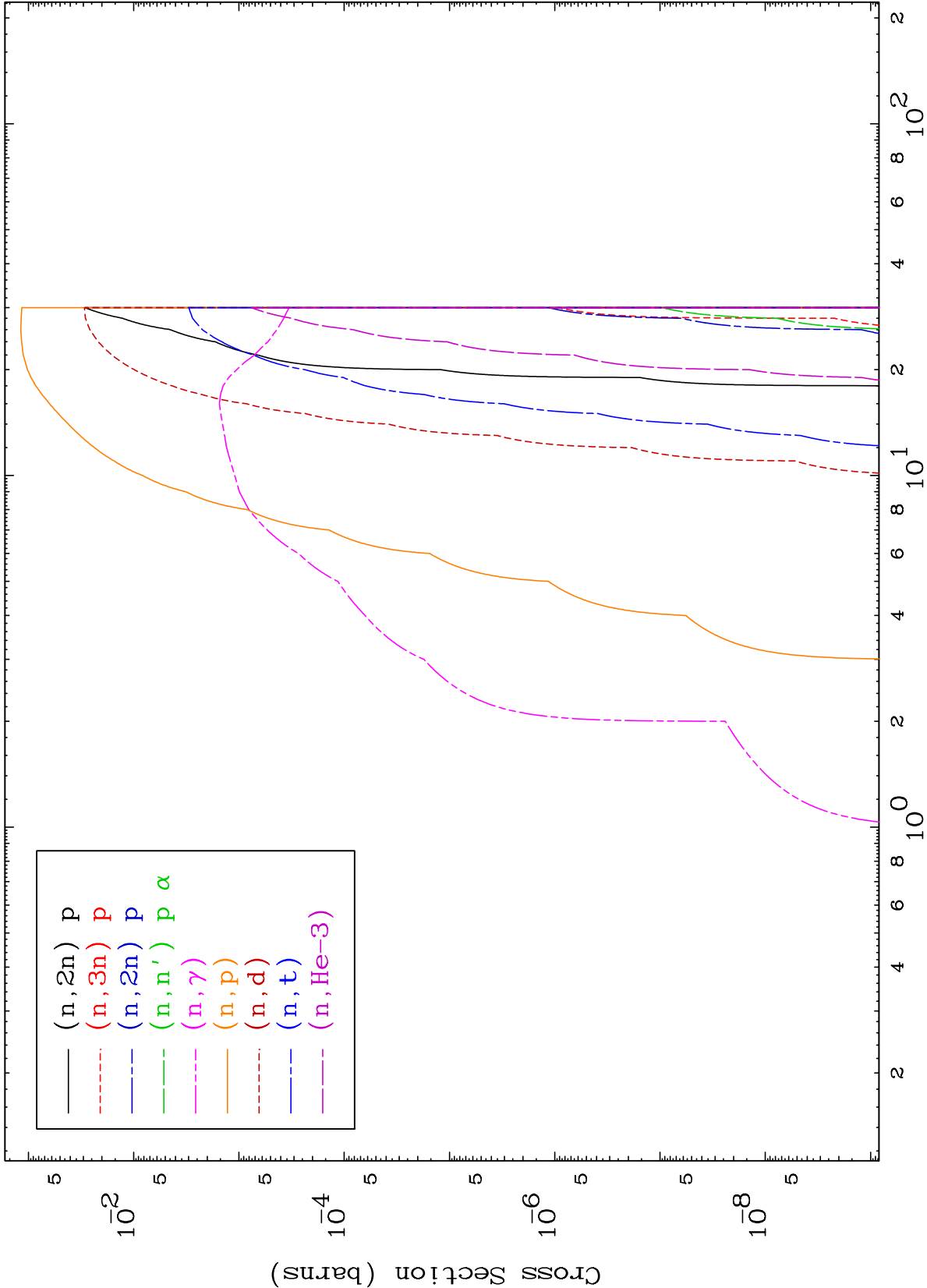
Tele: 925-443-1911

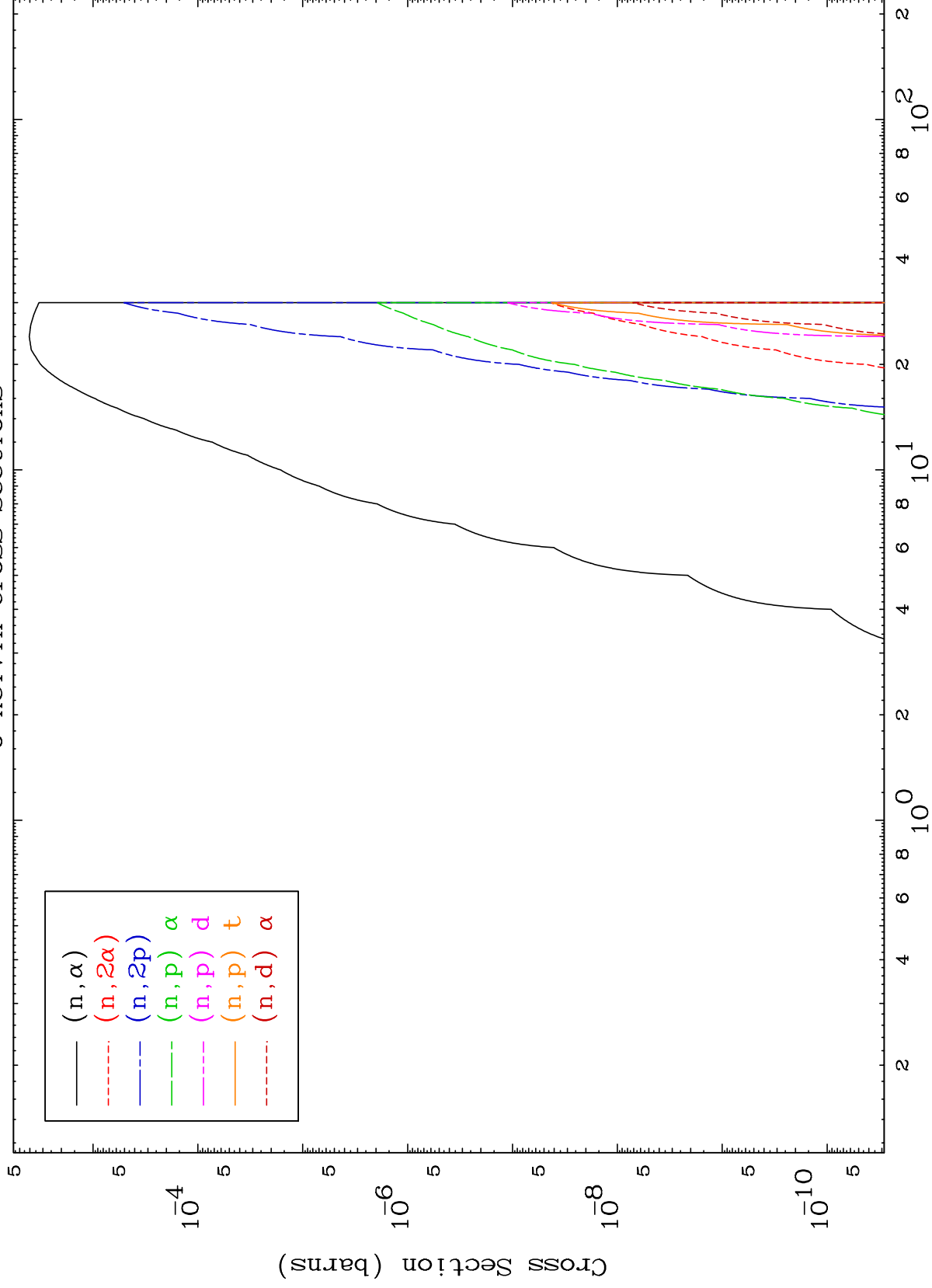
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start





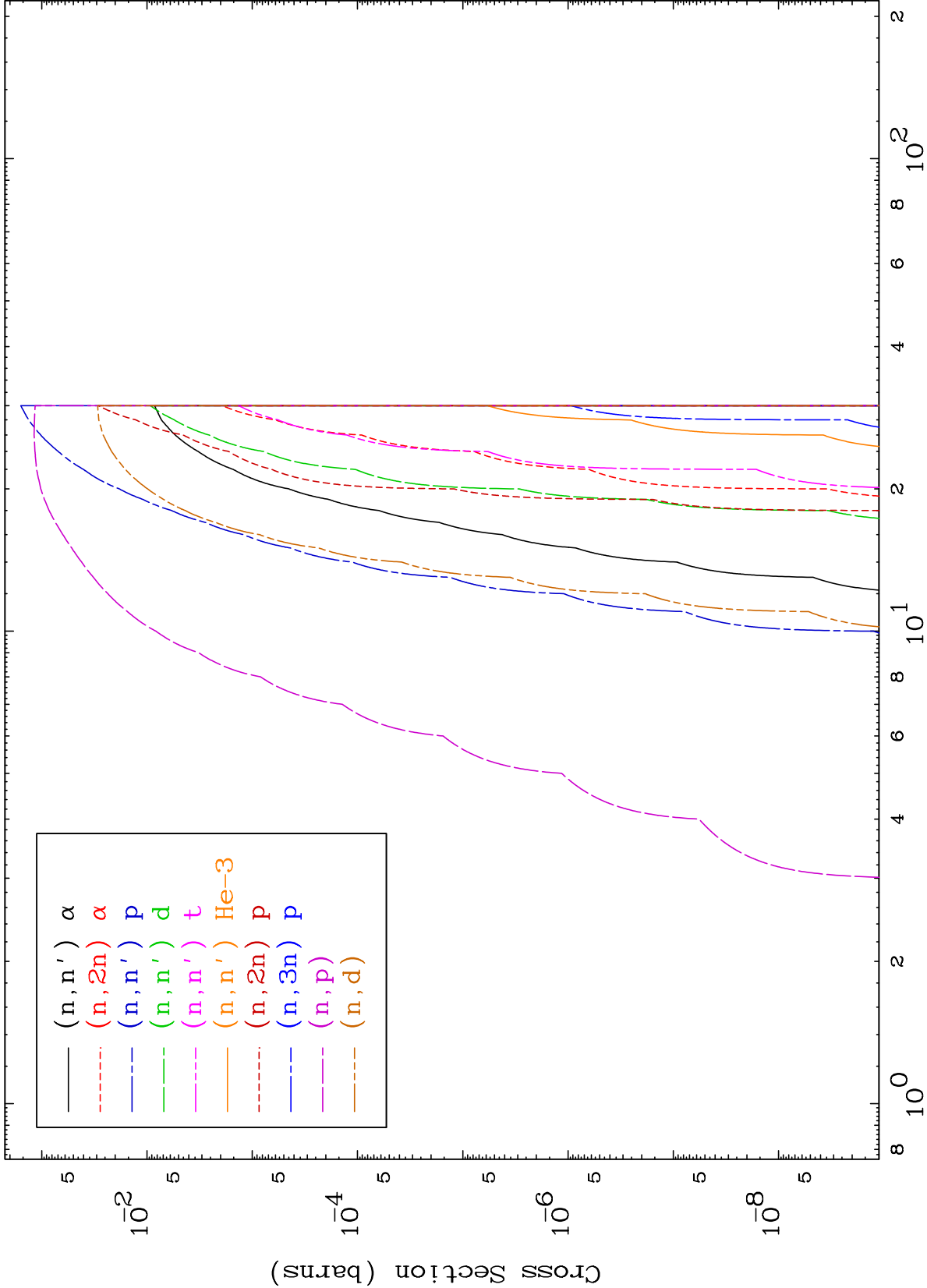




MAT 5643

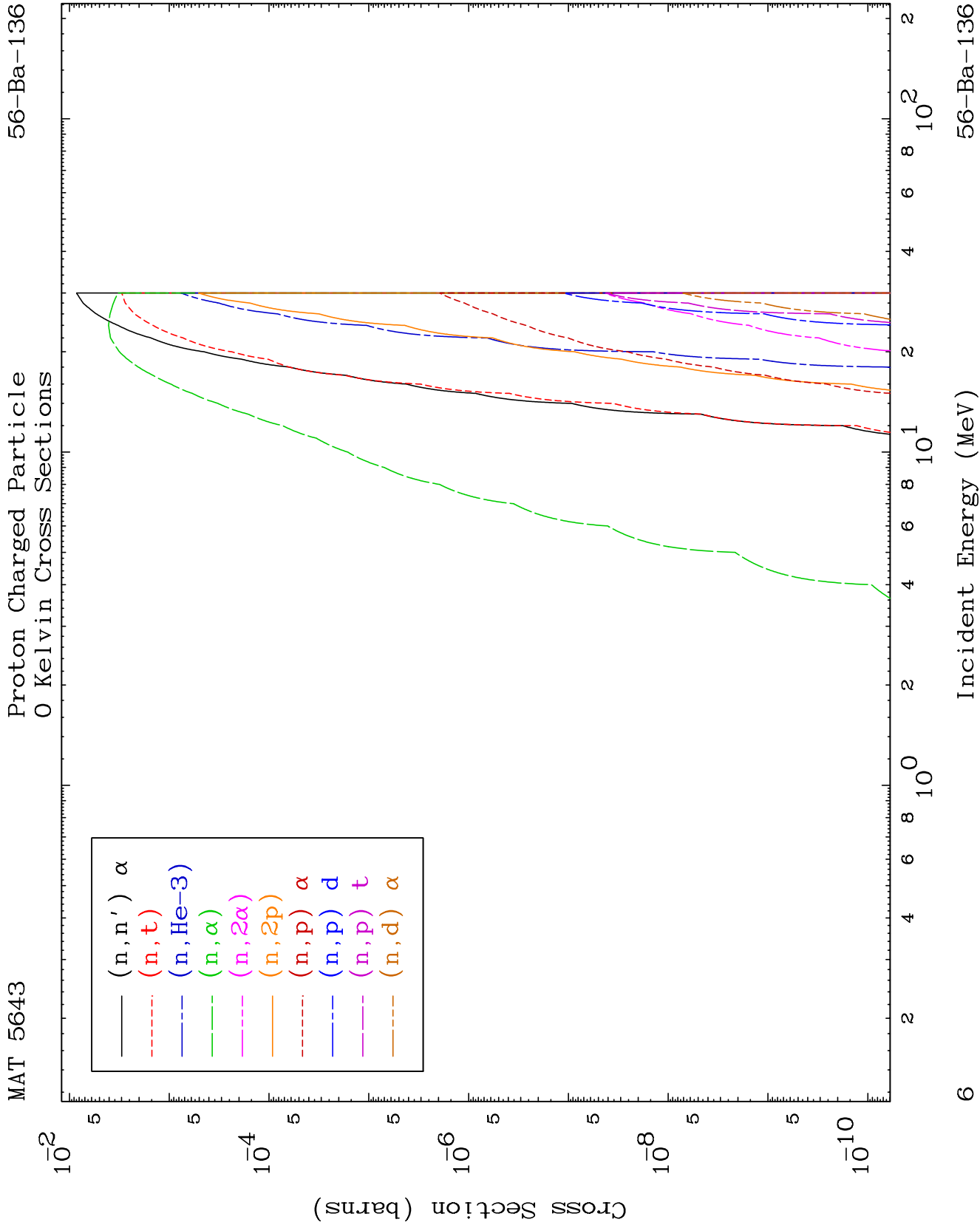
Proton Charged Particle  
0 Kelvin Cross Sections

56-Ba-136



Incident Energy (MeV)

56-Ba-136

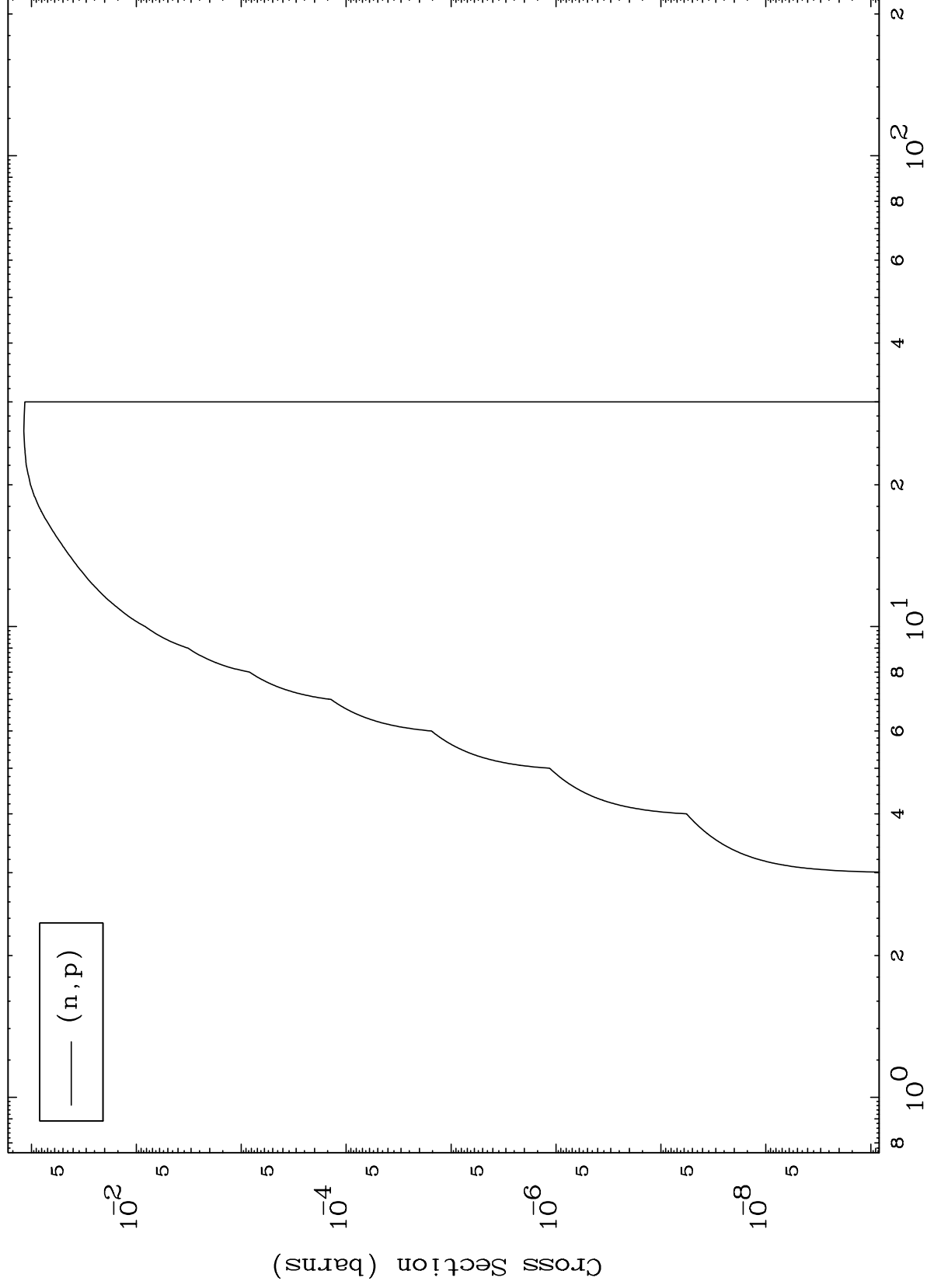


MAT 5643

(p,p) Levels

56-Ba-136

0 Kelvin Cross Sections



Incident Energy (MeV)

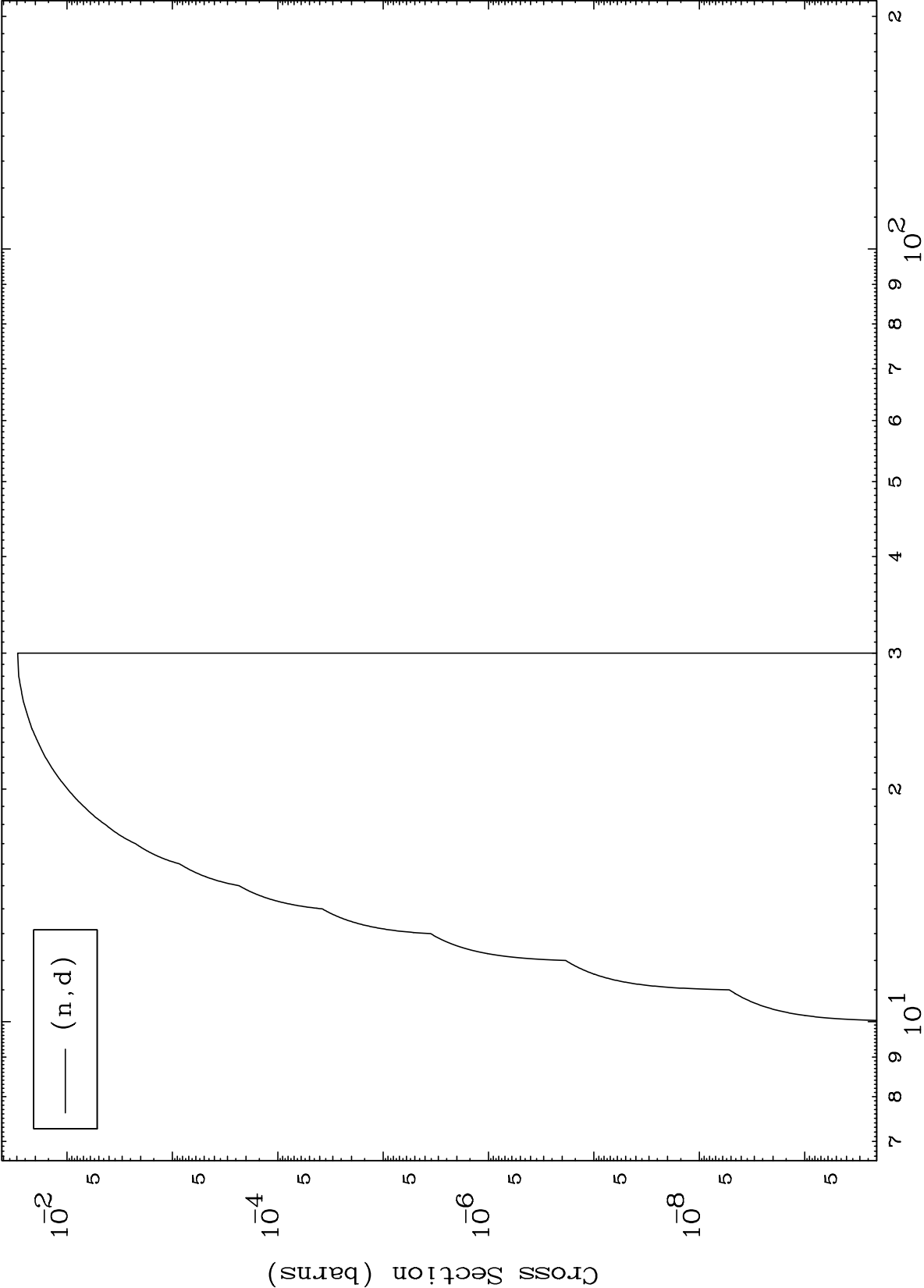
56-Ba-136



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56-Ba-136

(p,d) Levels  
0 Kelvin Cross Sections



56-Ba-136

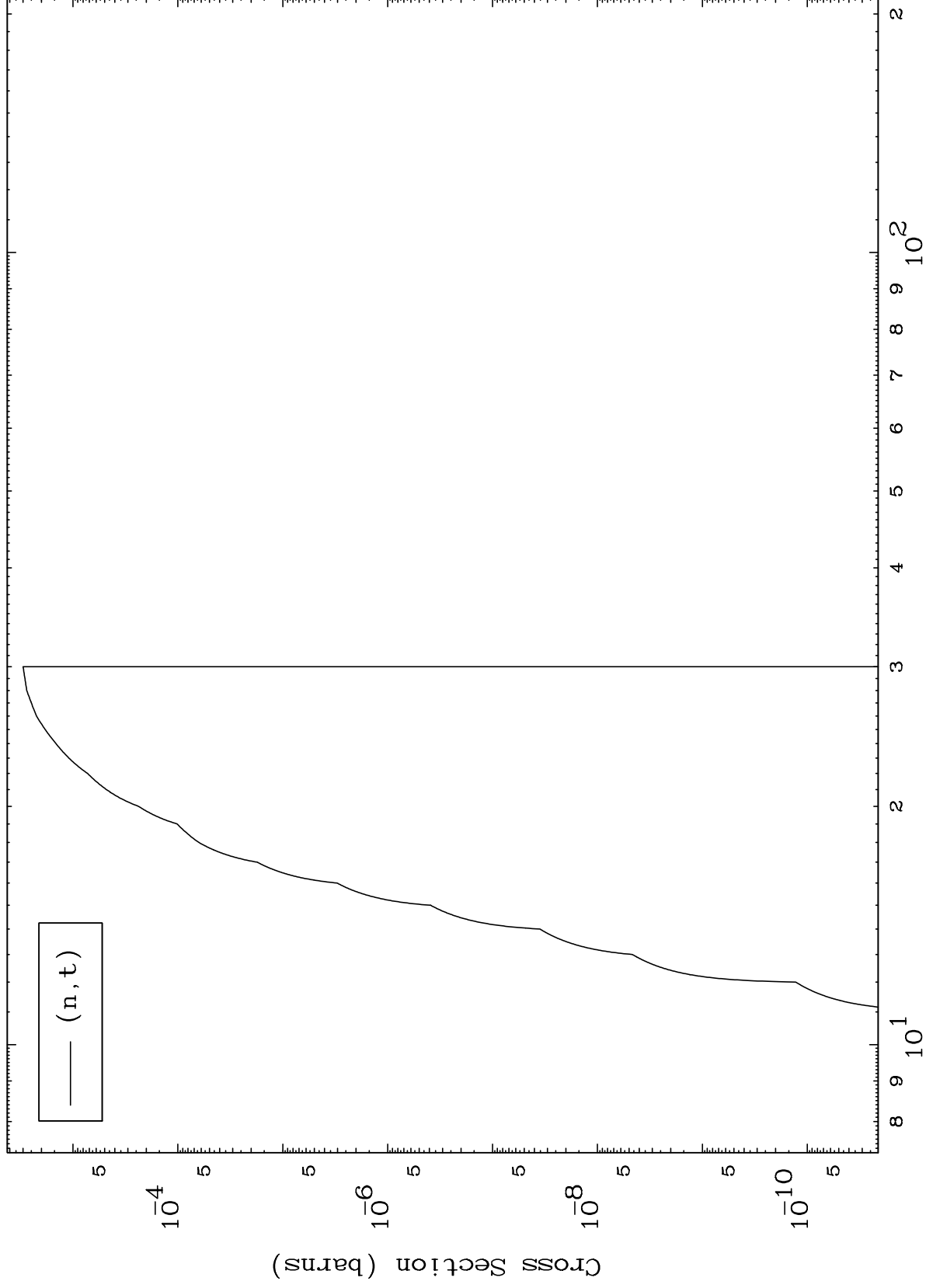
Incident Energy (MeV)

8

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56-Ba-136

(p,t) Levels  
0 Kelvin Cross Sections



9

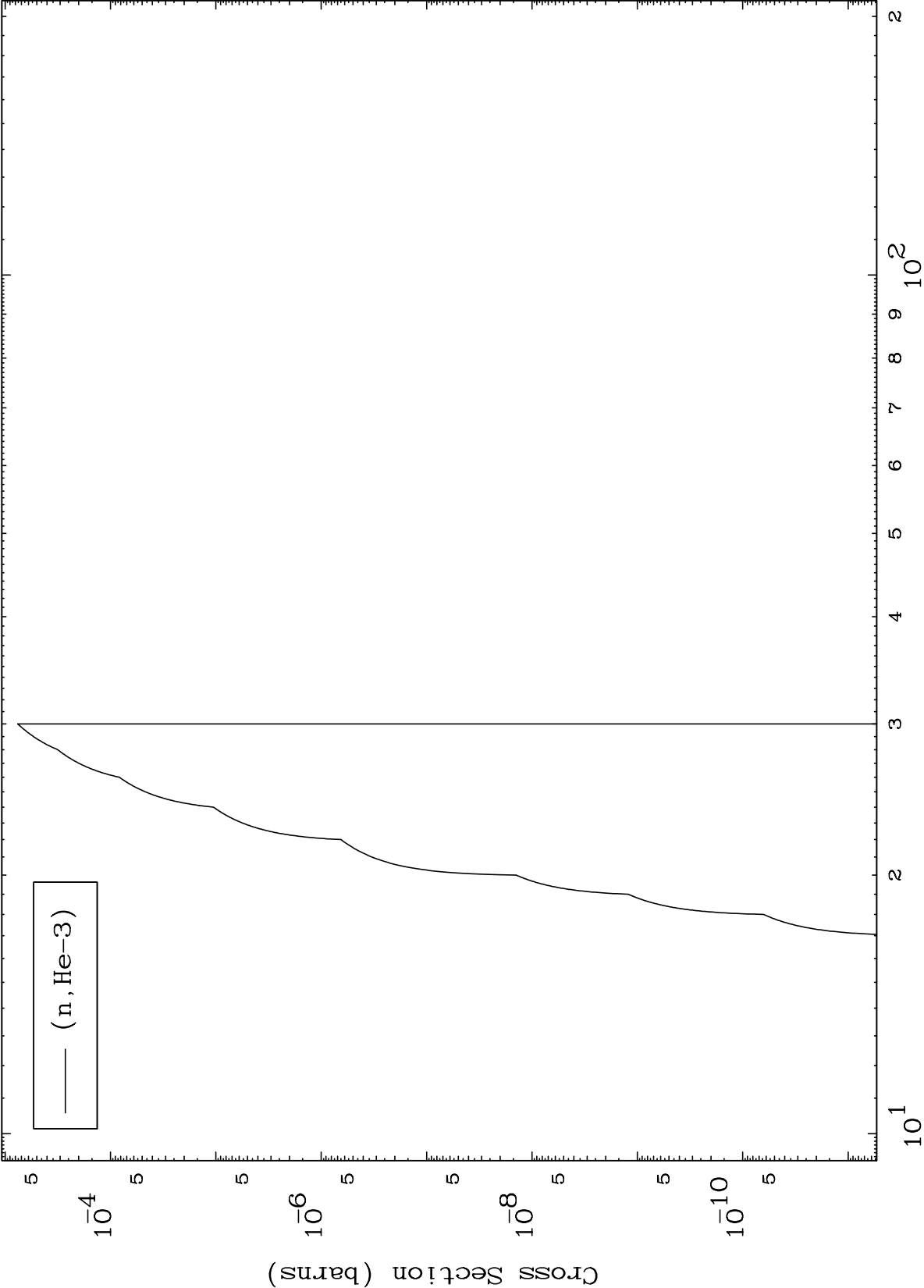
56-Ba-136

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(p,He3) Levels

56-Ba-136

0 Kelvin Cross Sections



— (n, He-3)

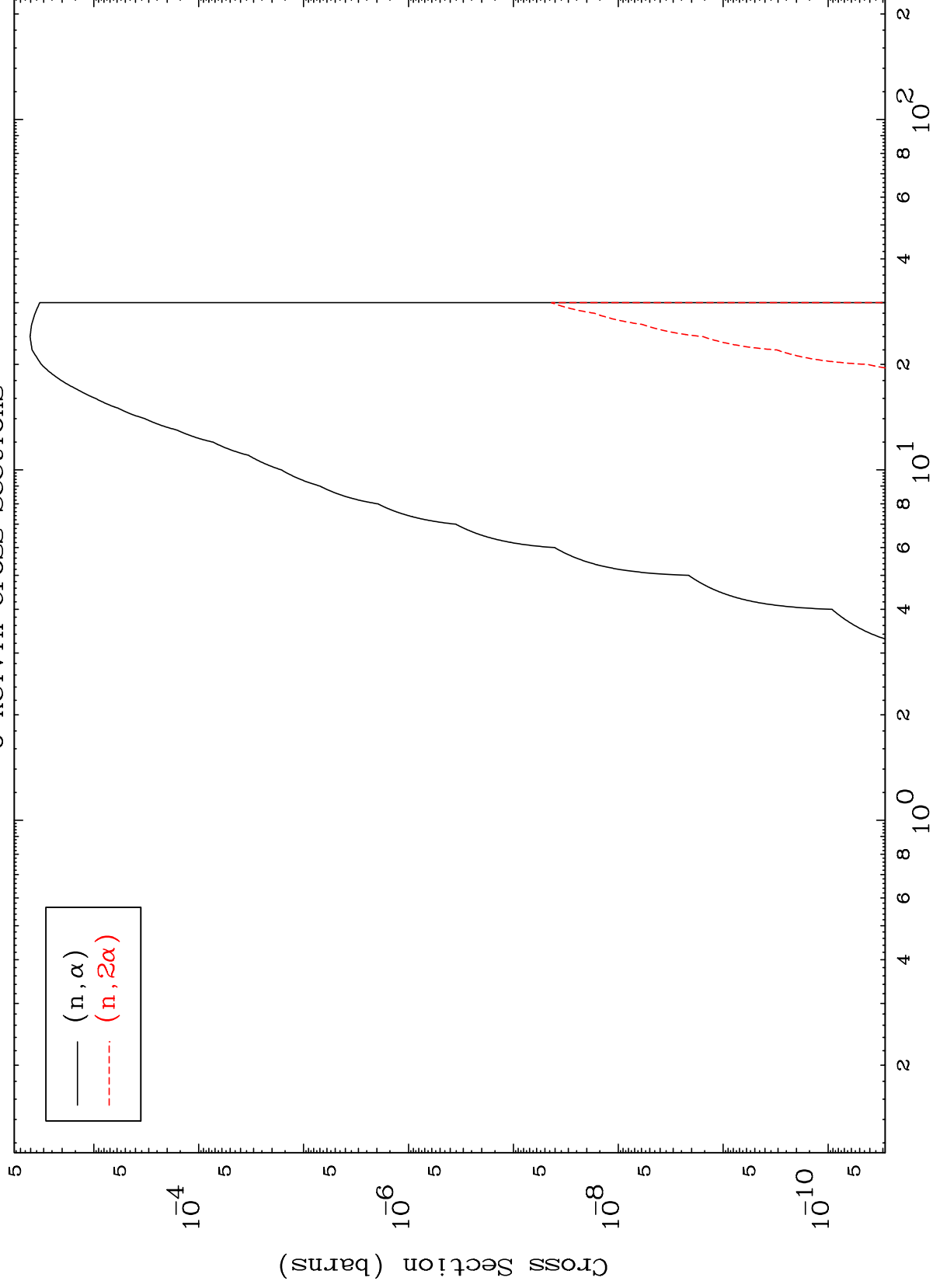
Incident Energy (MeV)

56-Ba-136

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56-Ba-136

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



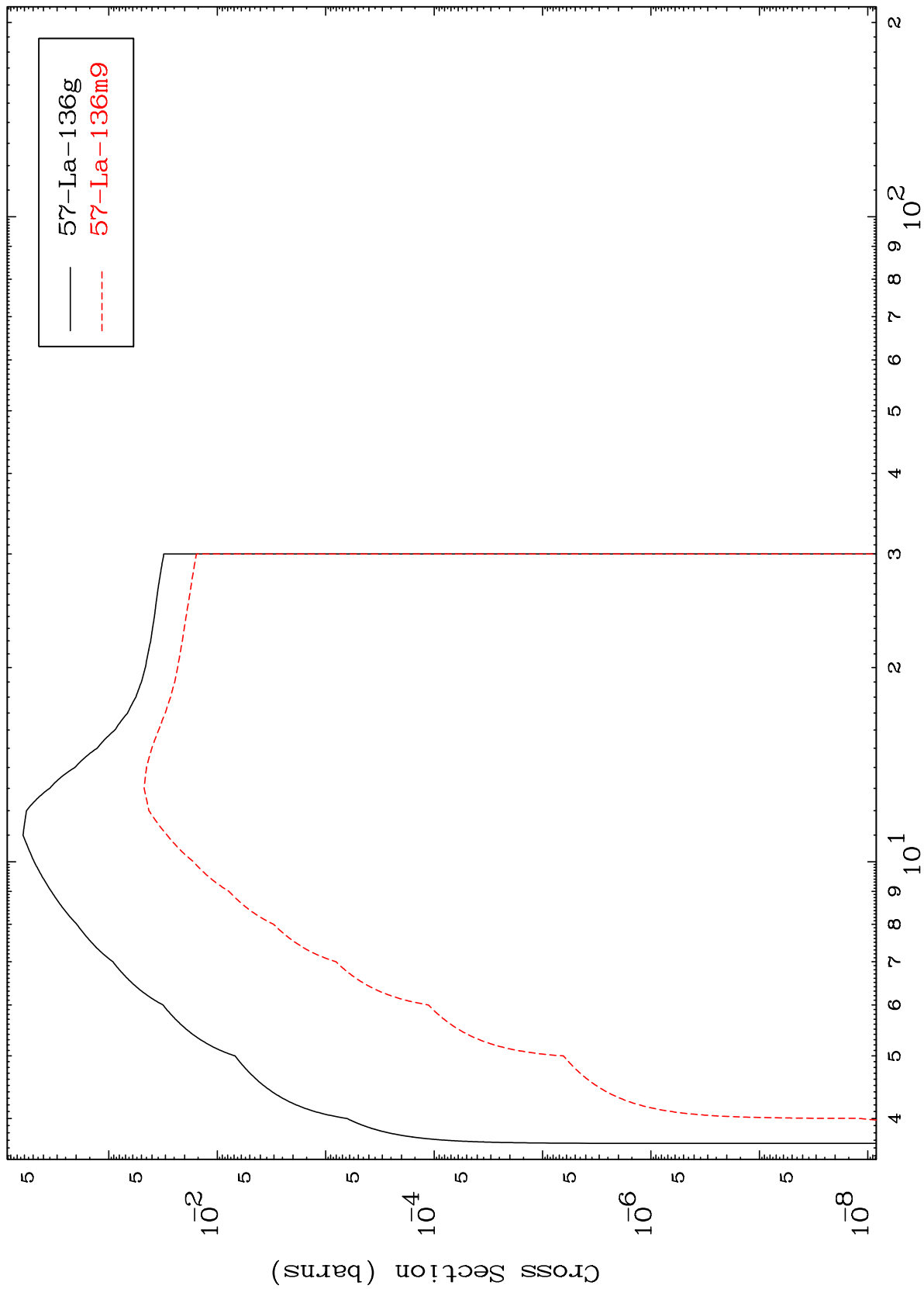
11

56-Ba-136

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56-Ba-136

Inelastic  
Radionuclide Production Cross Section

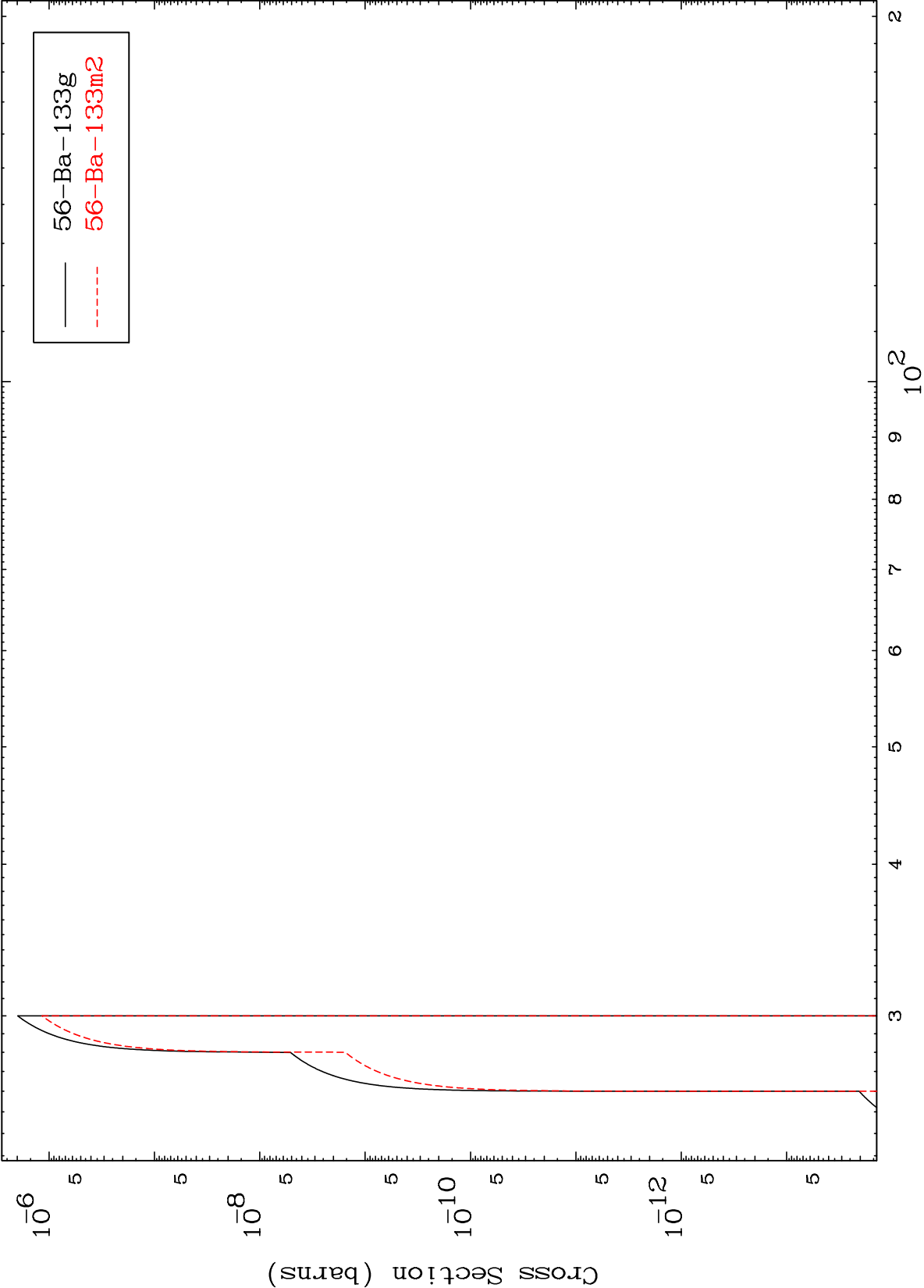


56-Ba-136

Incident Energy (MeV)

12

(n,2n) d  
Radionuclide Production Cross Section

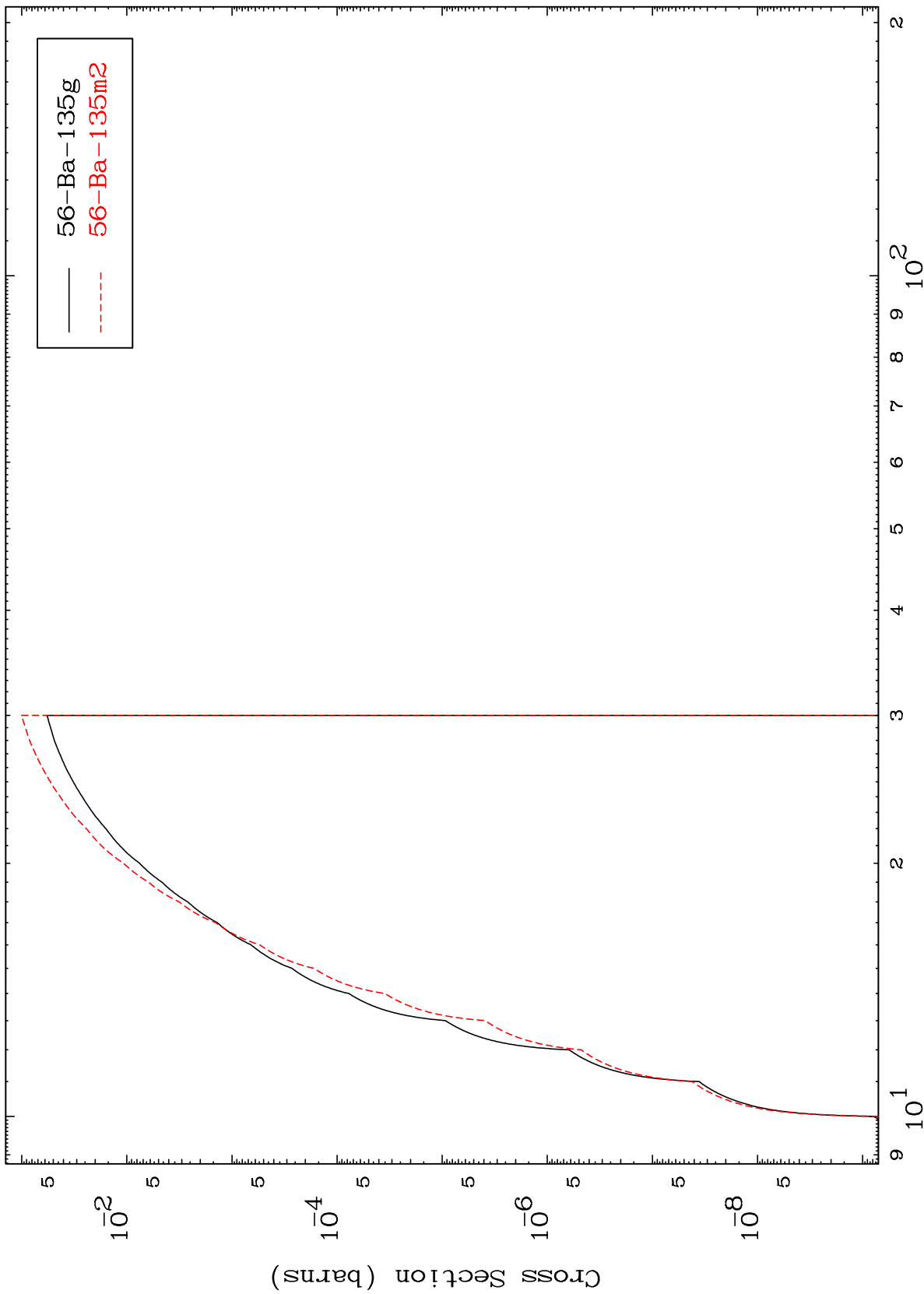


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56-Ba-136

(n,n') p

Radionuclide Production Cross Section



56-Ba-136

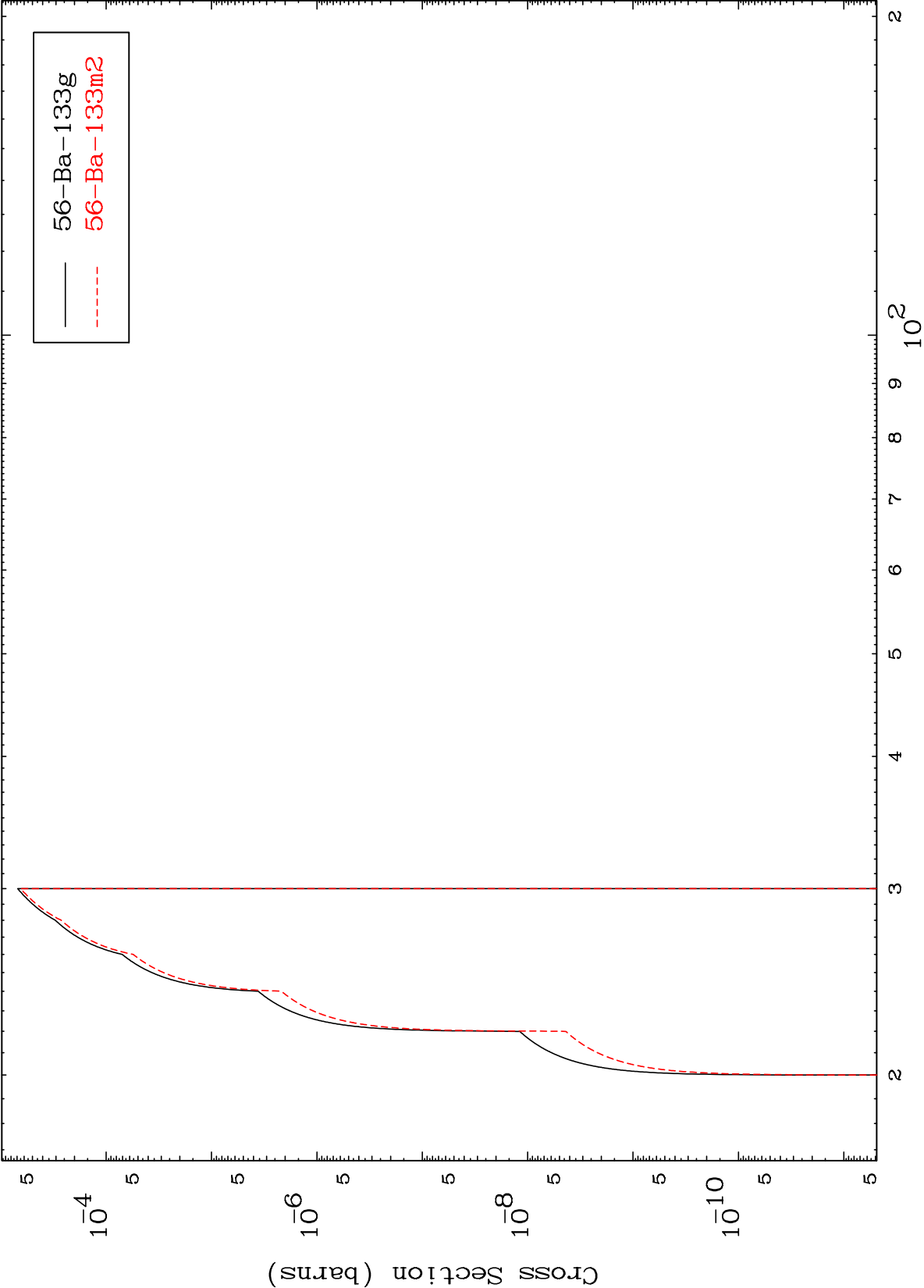
Incident Energy (MeV)

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56-Ba-136

(n,n') t

Radionuclide Production Cross Section



15

Incident Energy (MeV)

56-Ba-136

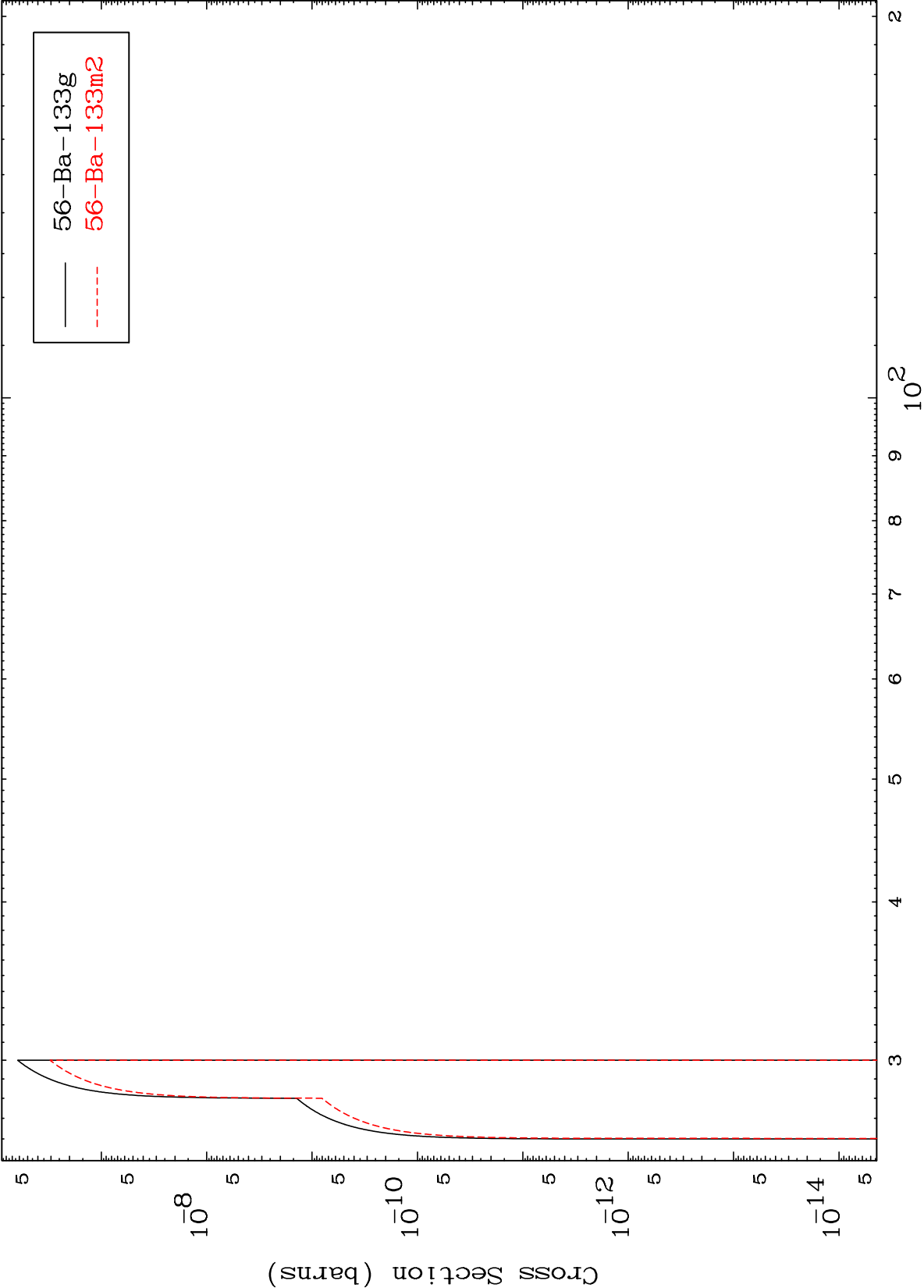


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(n,3n) p

56-Ba-136

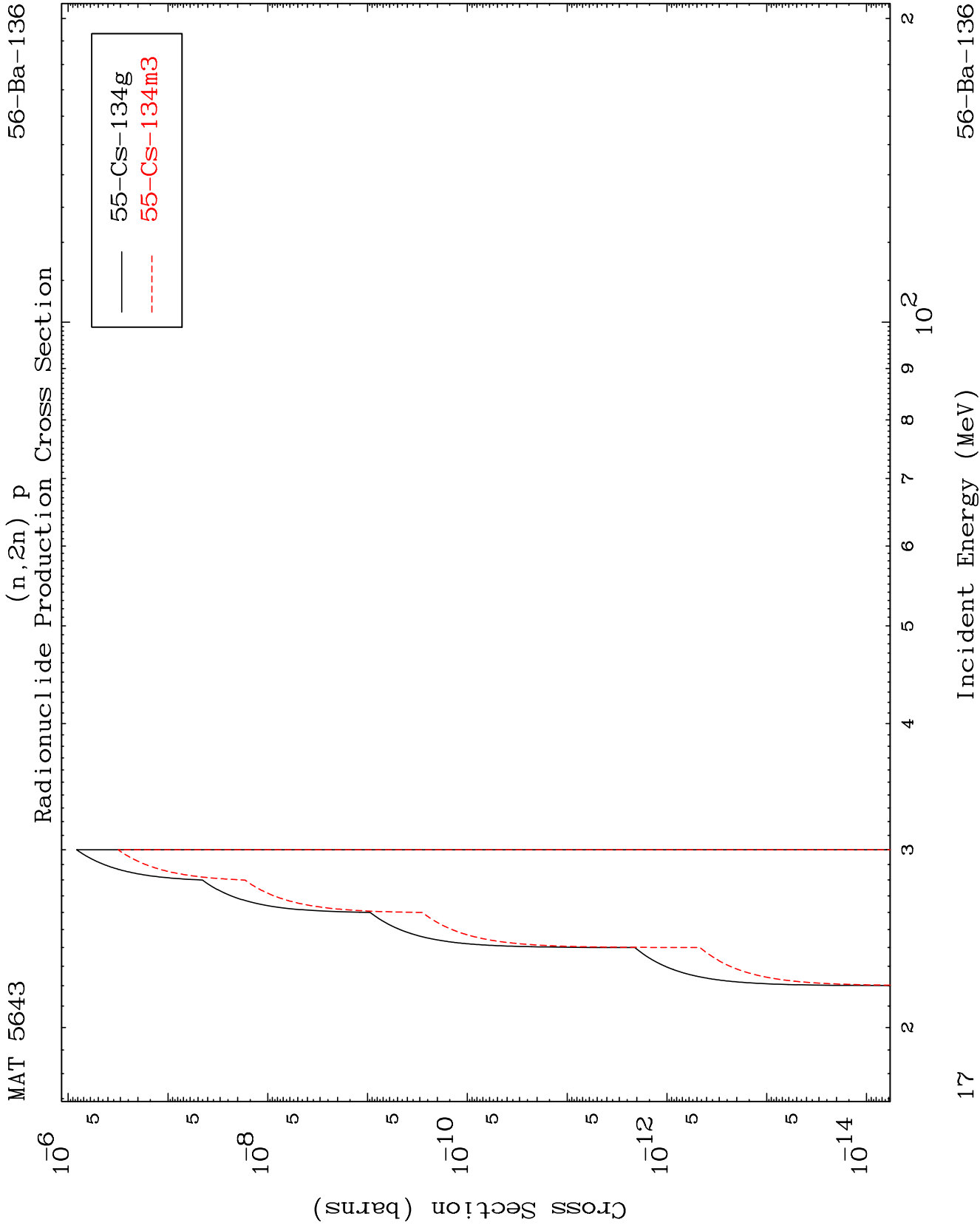
Radionuclide Production Cross Section



16

Incident Energy (MeV)

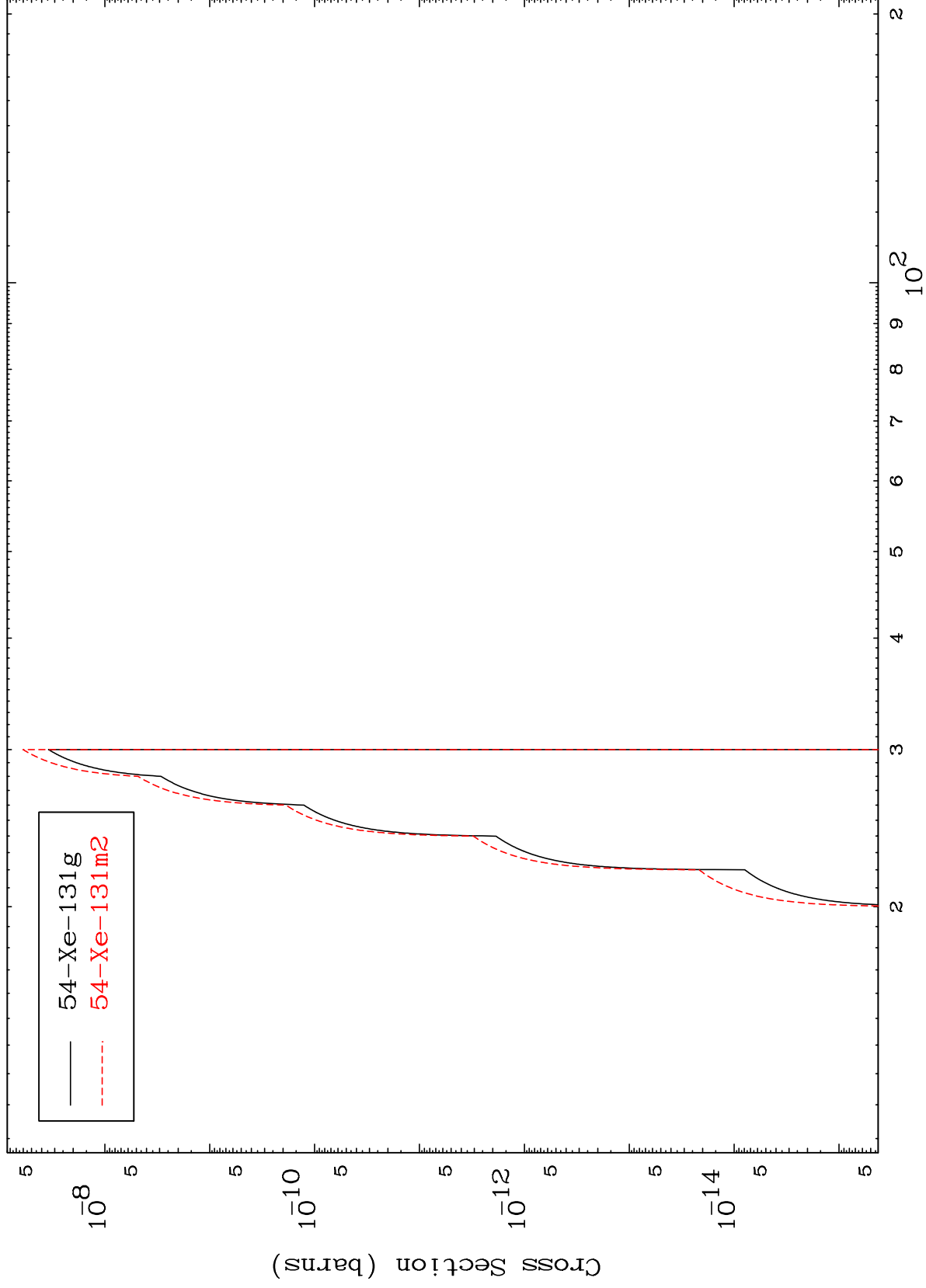
56-Ba-136



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56-Ba-136

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



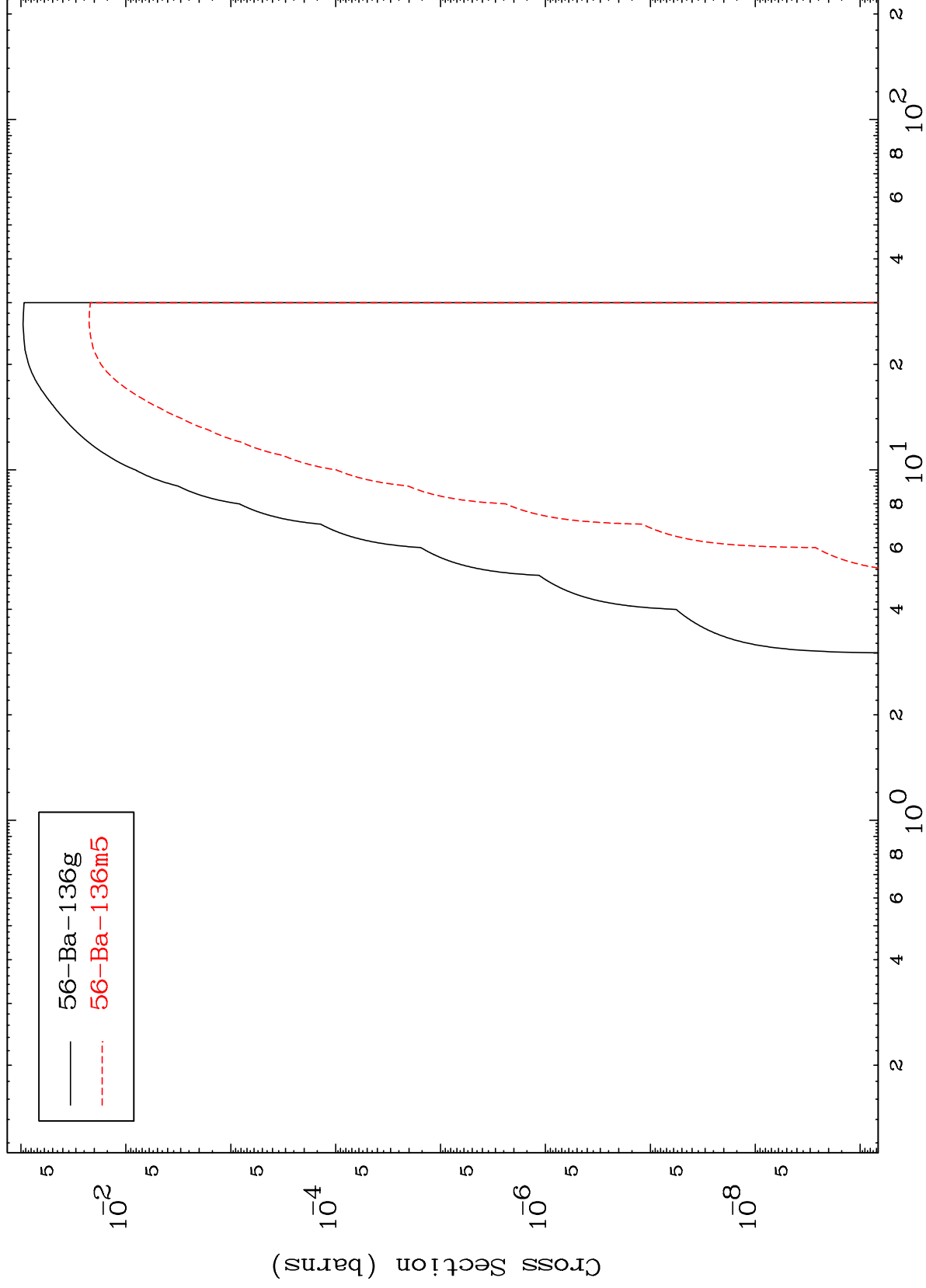
18

56-Ba-136

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56-Ba-136

Radionuclide Production Cross Section  
(n,p)



19

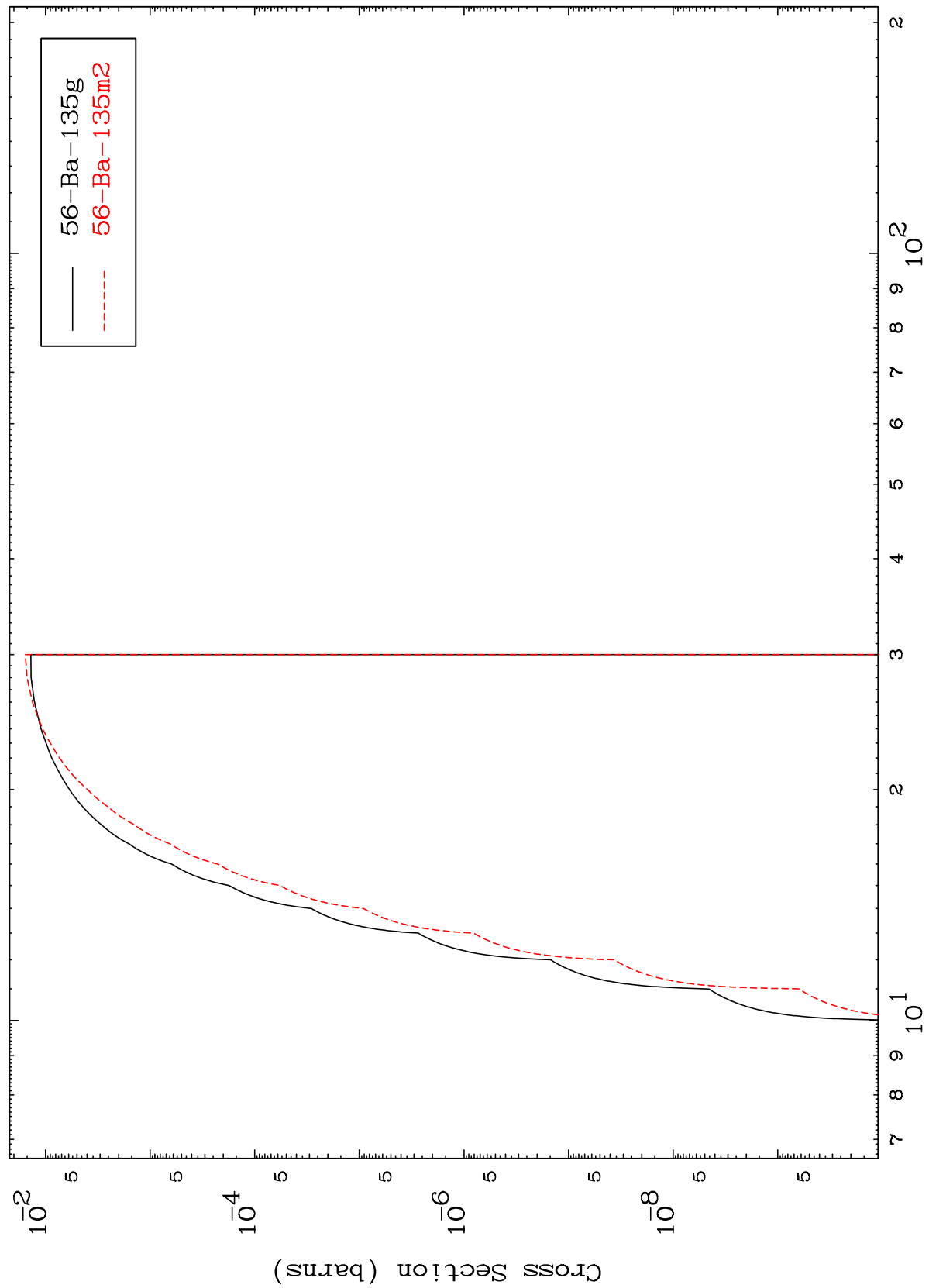
Incident Energy (MeV)

56-Ba-136

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56-Ba-136

(n,d)  
Radionuclide Production Cross Section



56-Ba-136

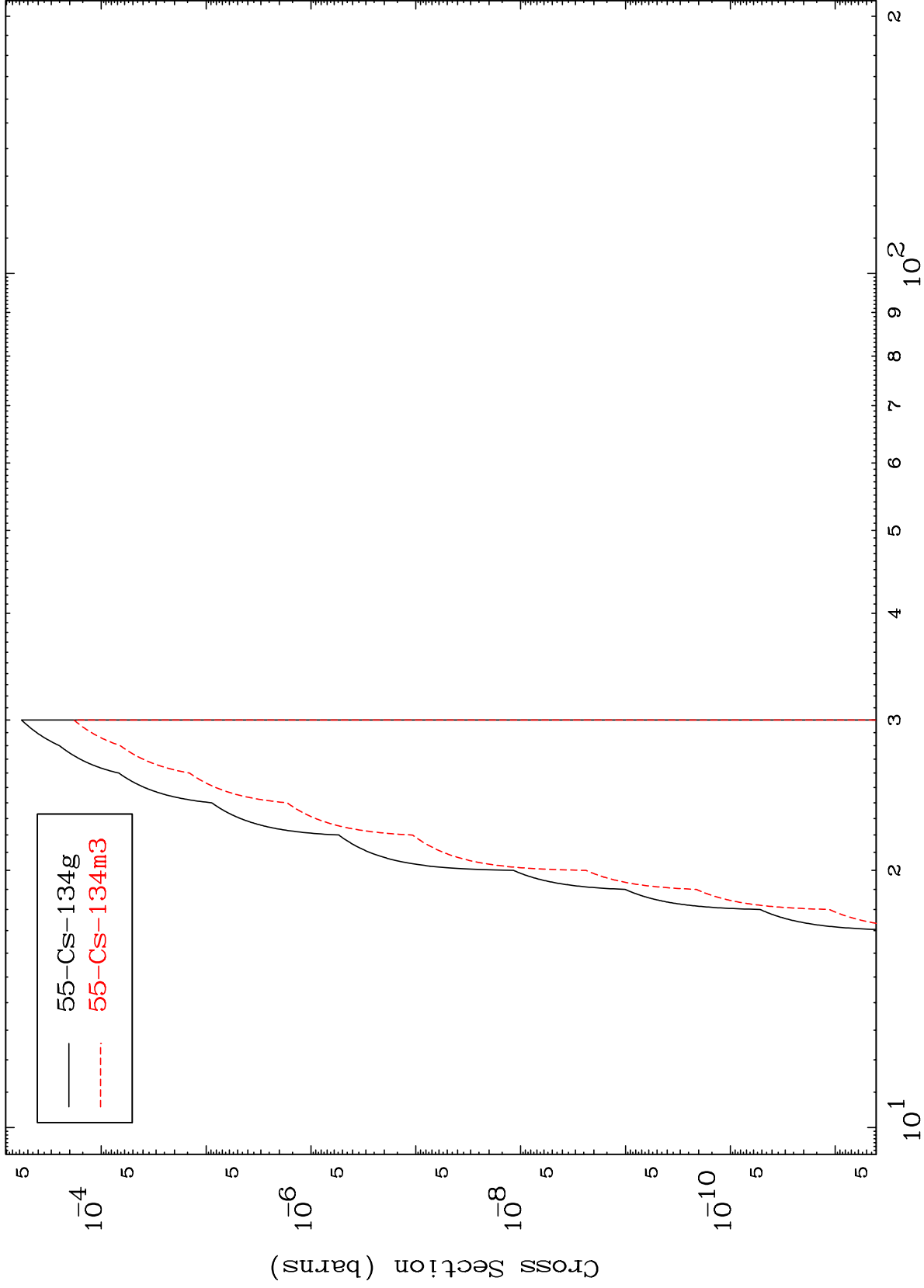
Incident Energy (MeV)

20

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56-Ba-136

Radionuclide Production Cross Section  
(n,He-3)



56-Ba-136

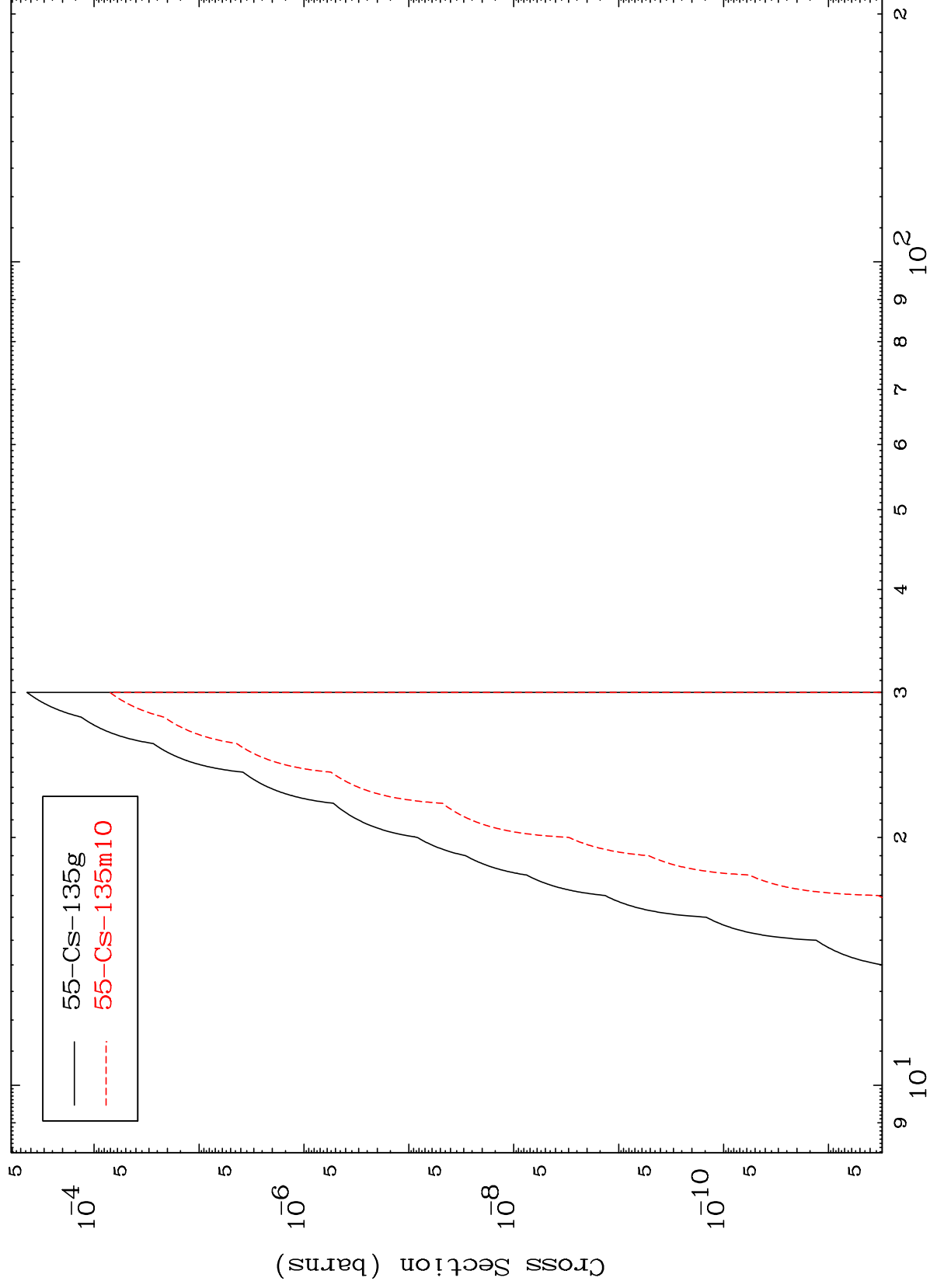
Incident Energy (MeV)

21

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56-Ba-136

(n,2p)  
Radionuclide Production Cross Section



56-Ba-136

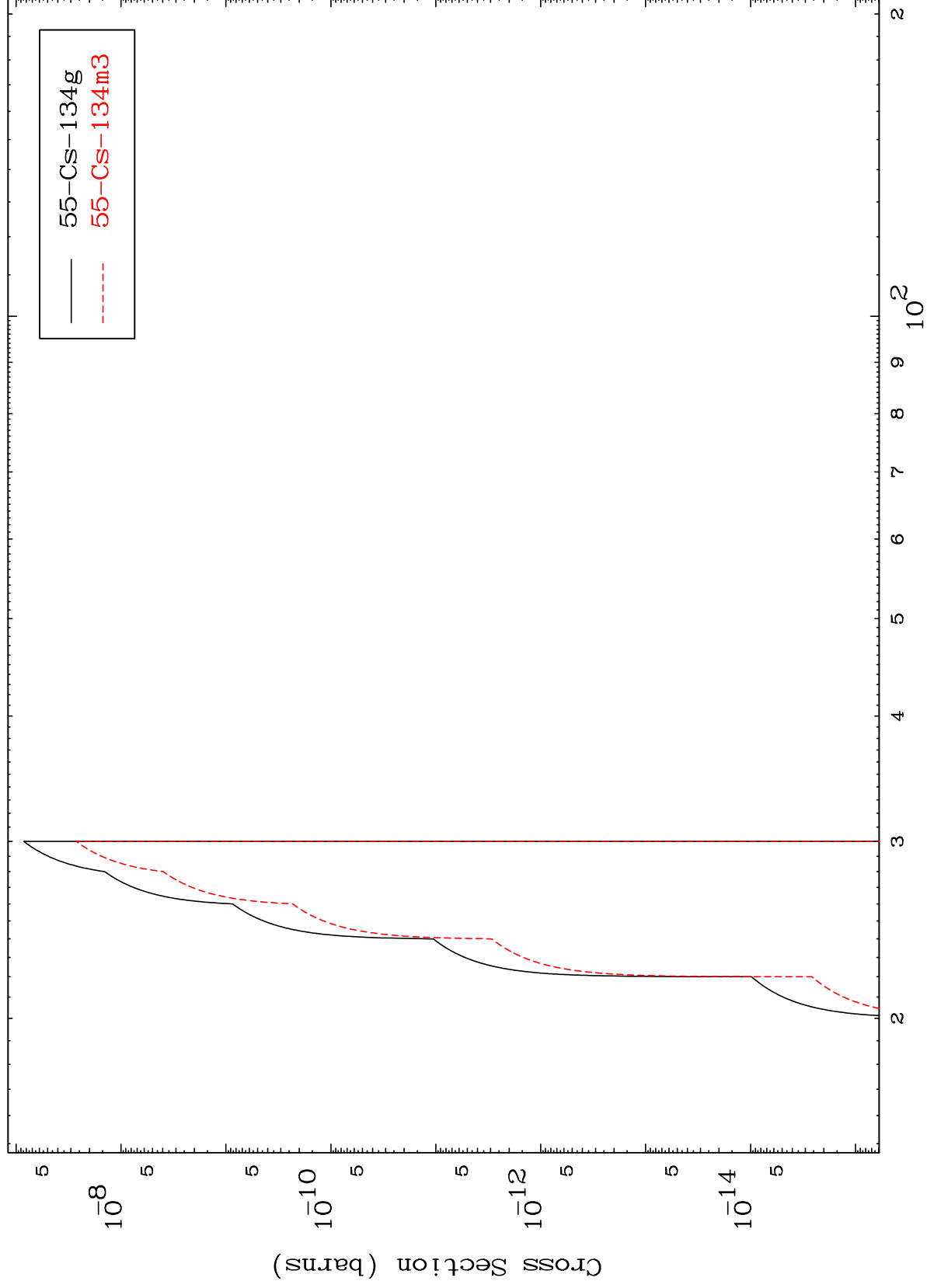
Incident Energy (MeV)

22

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56-Ba-136

(n,p) d  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

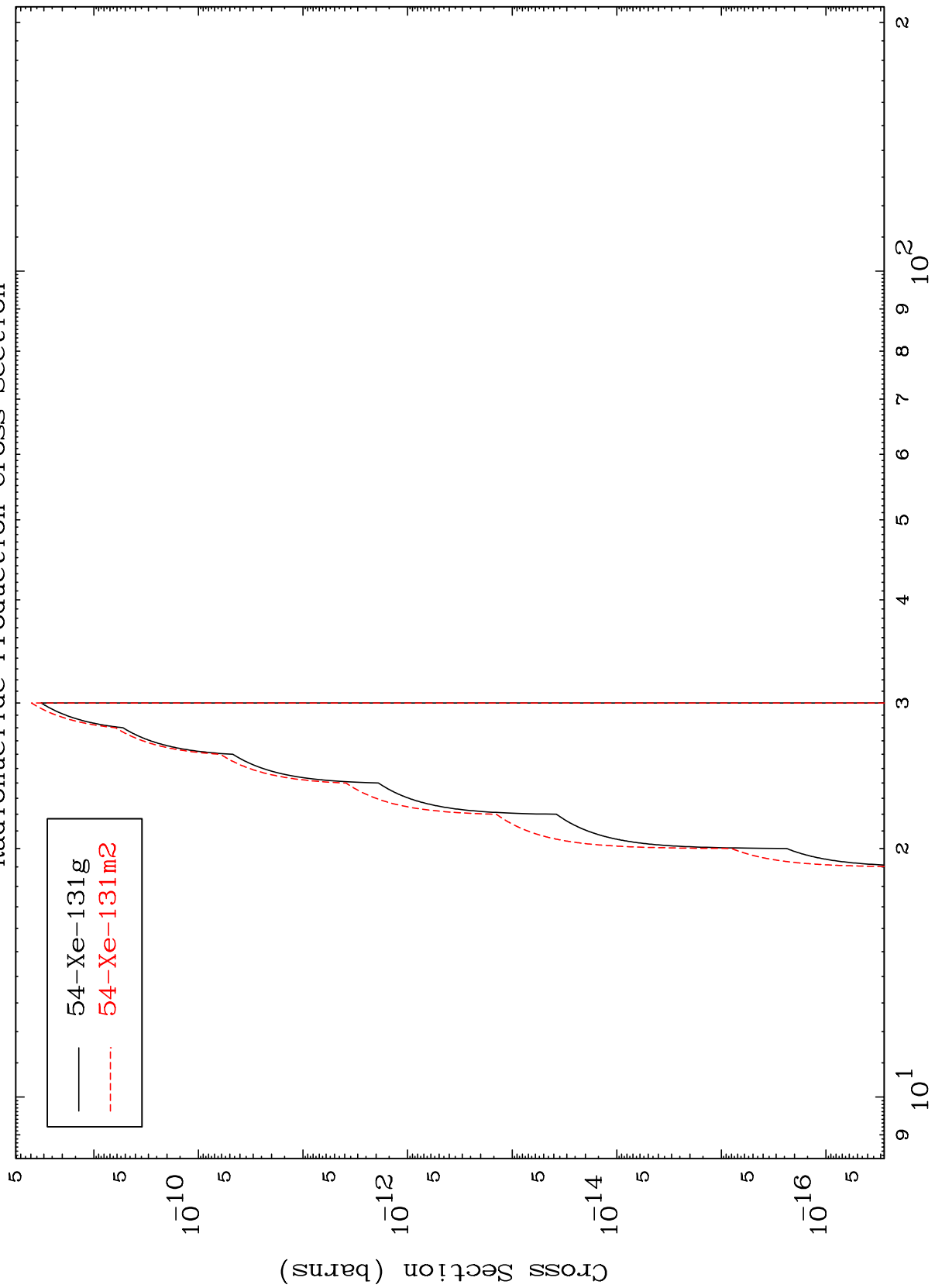
56-Ba-136



MAT 5643

56-Ba-136

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



24

Incident Energy (MeV)

56-Ba-136