

Program EVALPLOT  
(Version 2021-1)

by

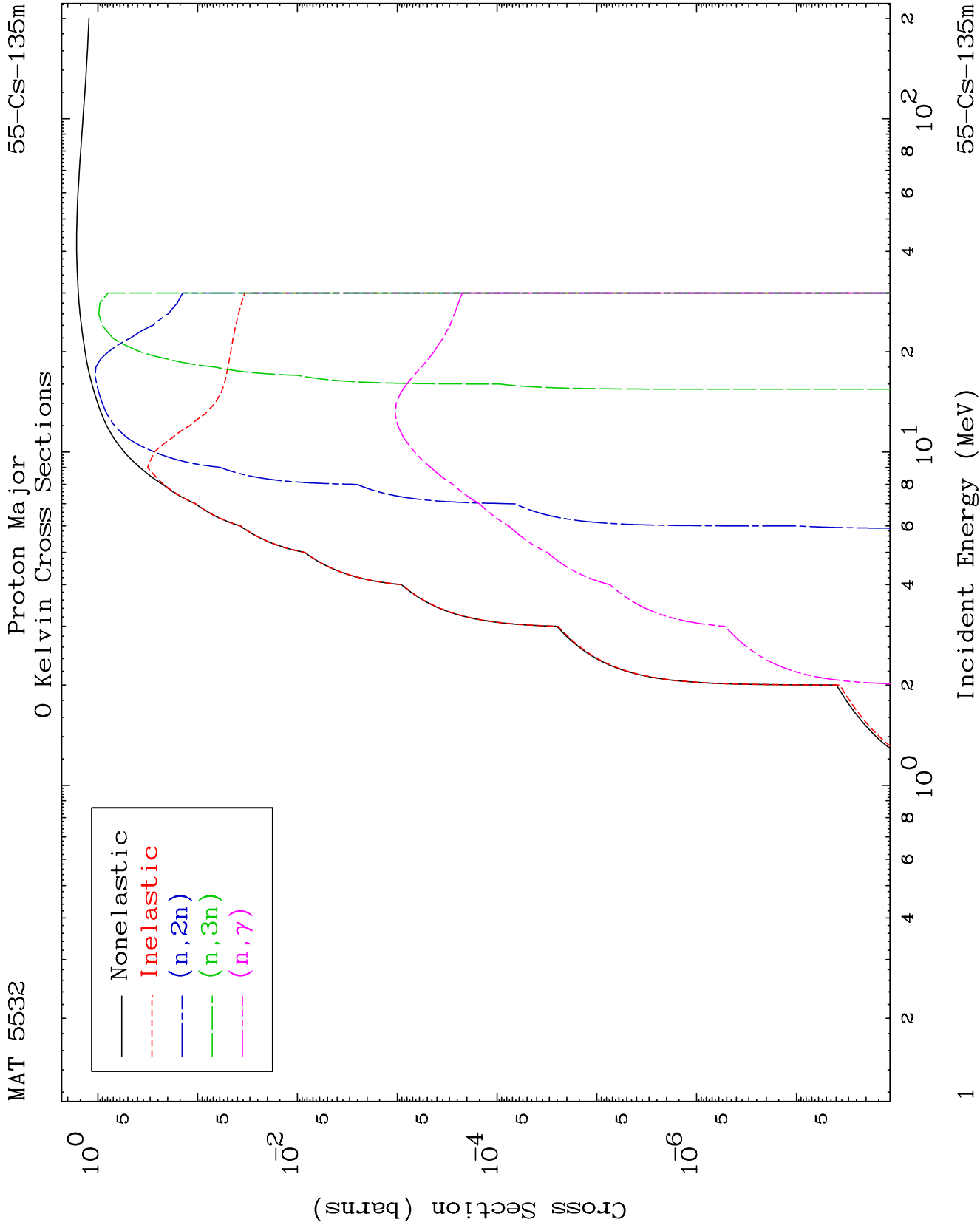
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

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

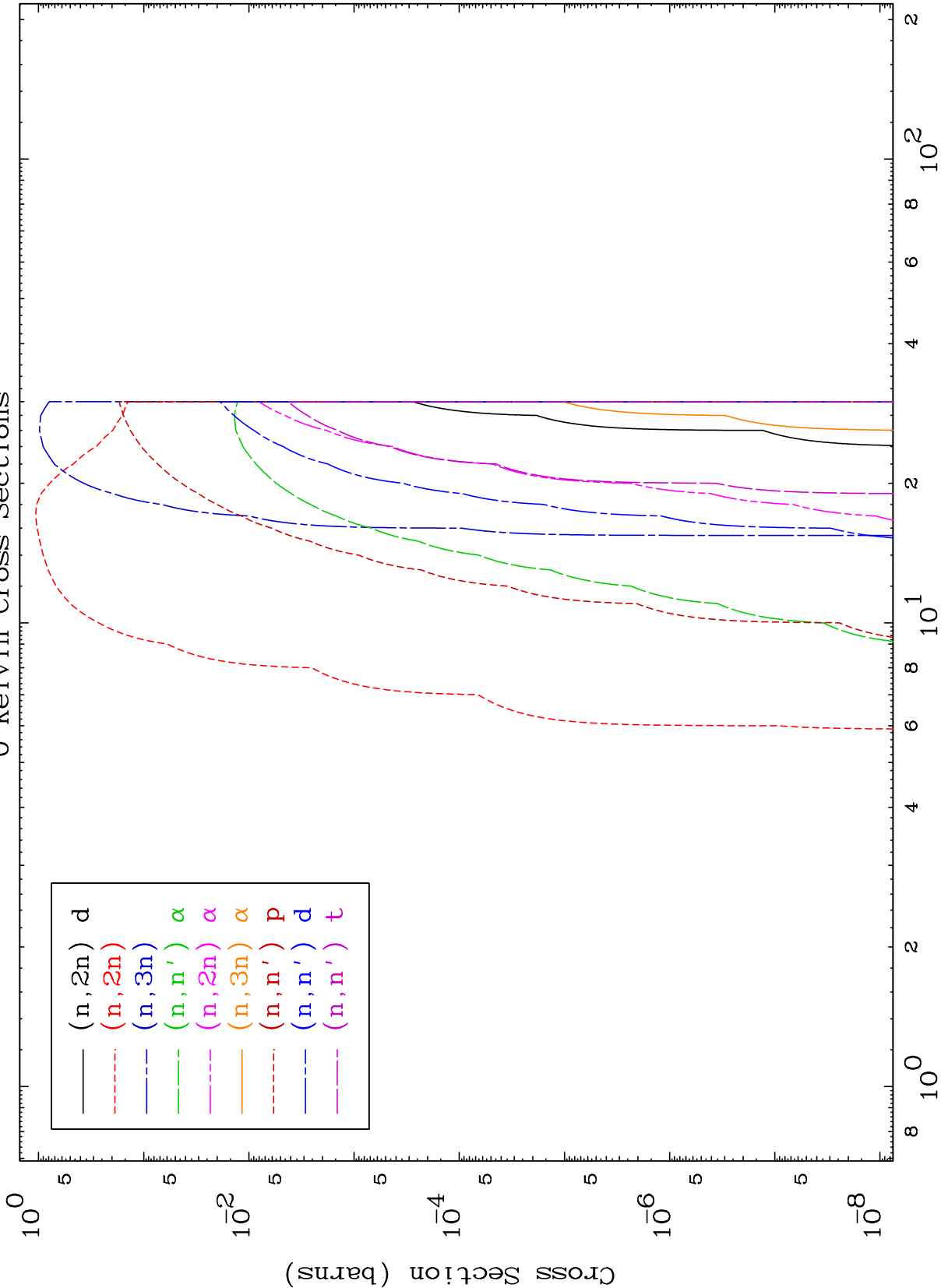
Press Mouse Button to Start



MAT 5532

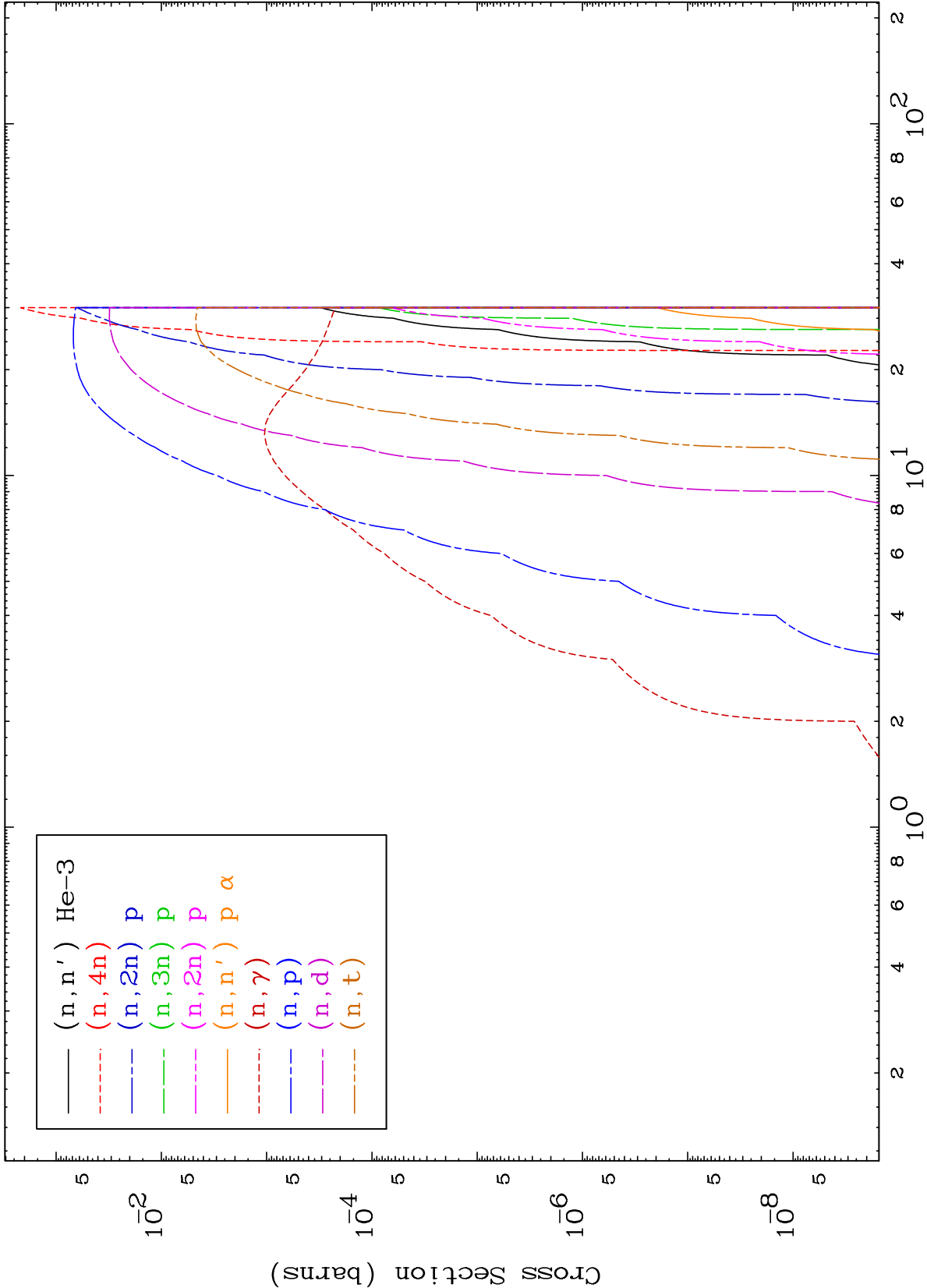
Proton Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-135m



Incident Energy (MeV)

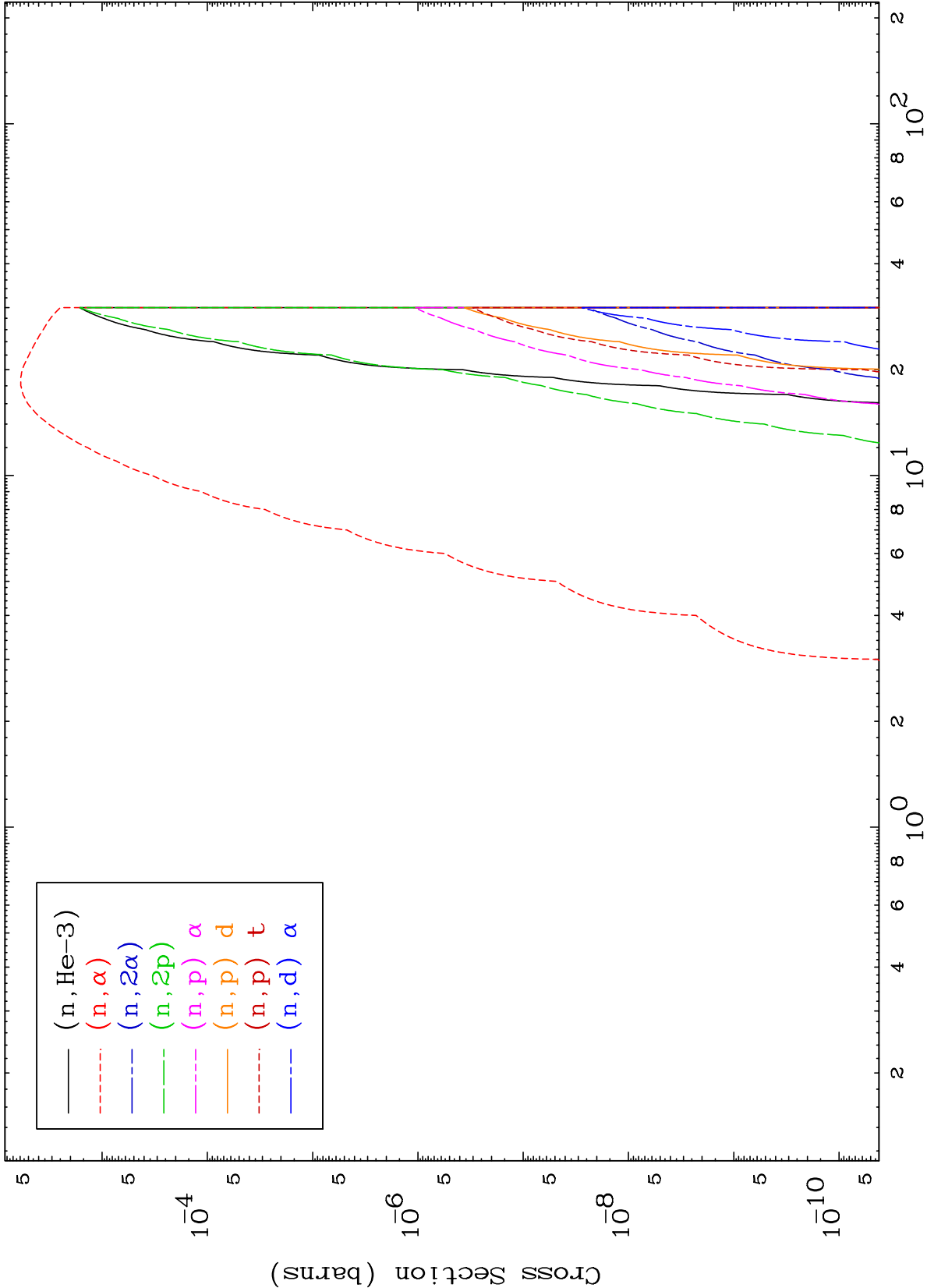
55-Cs-135m

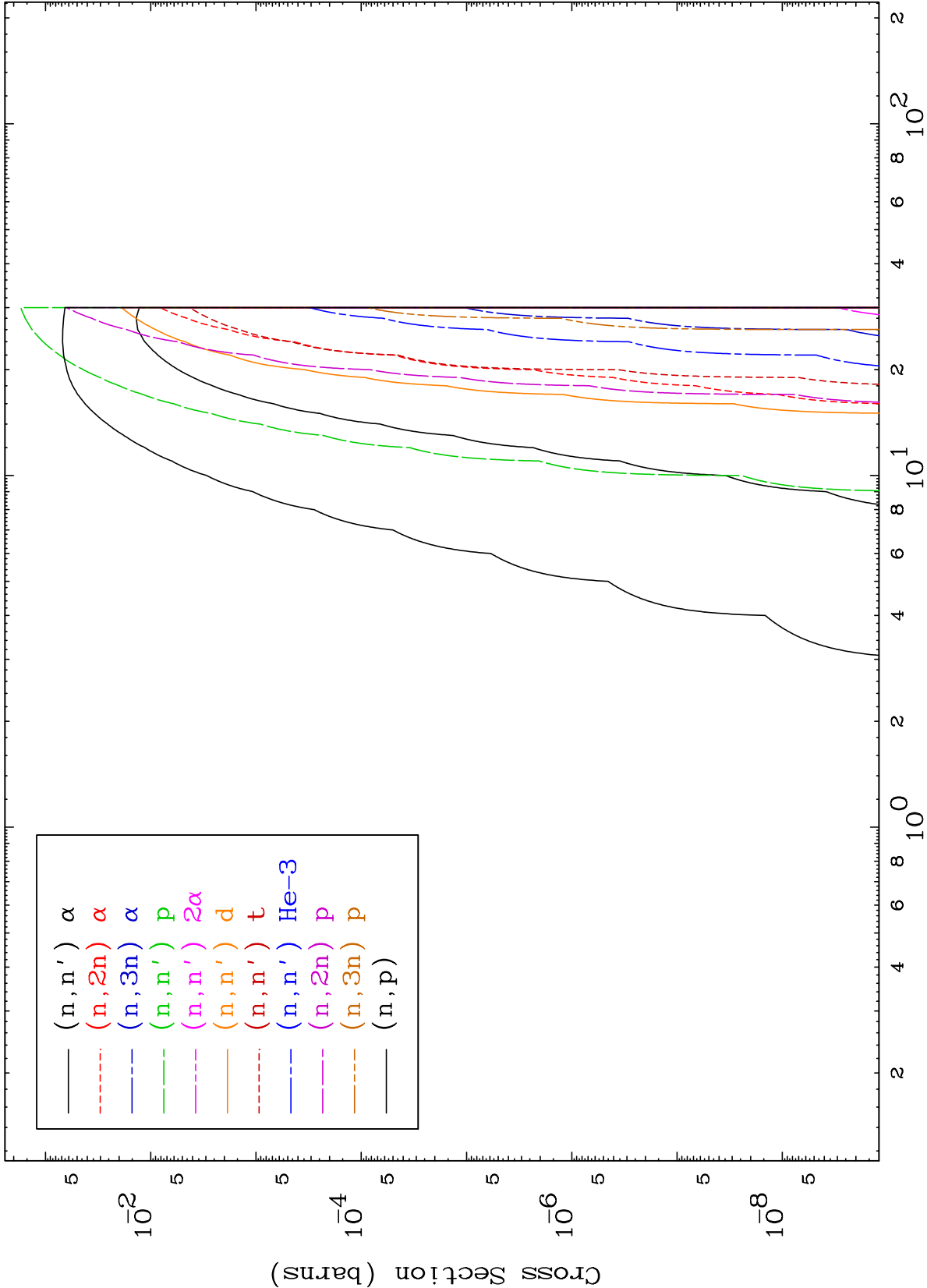


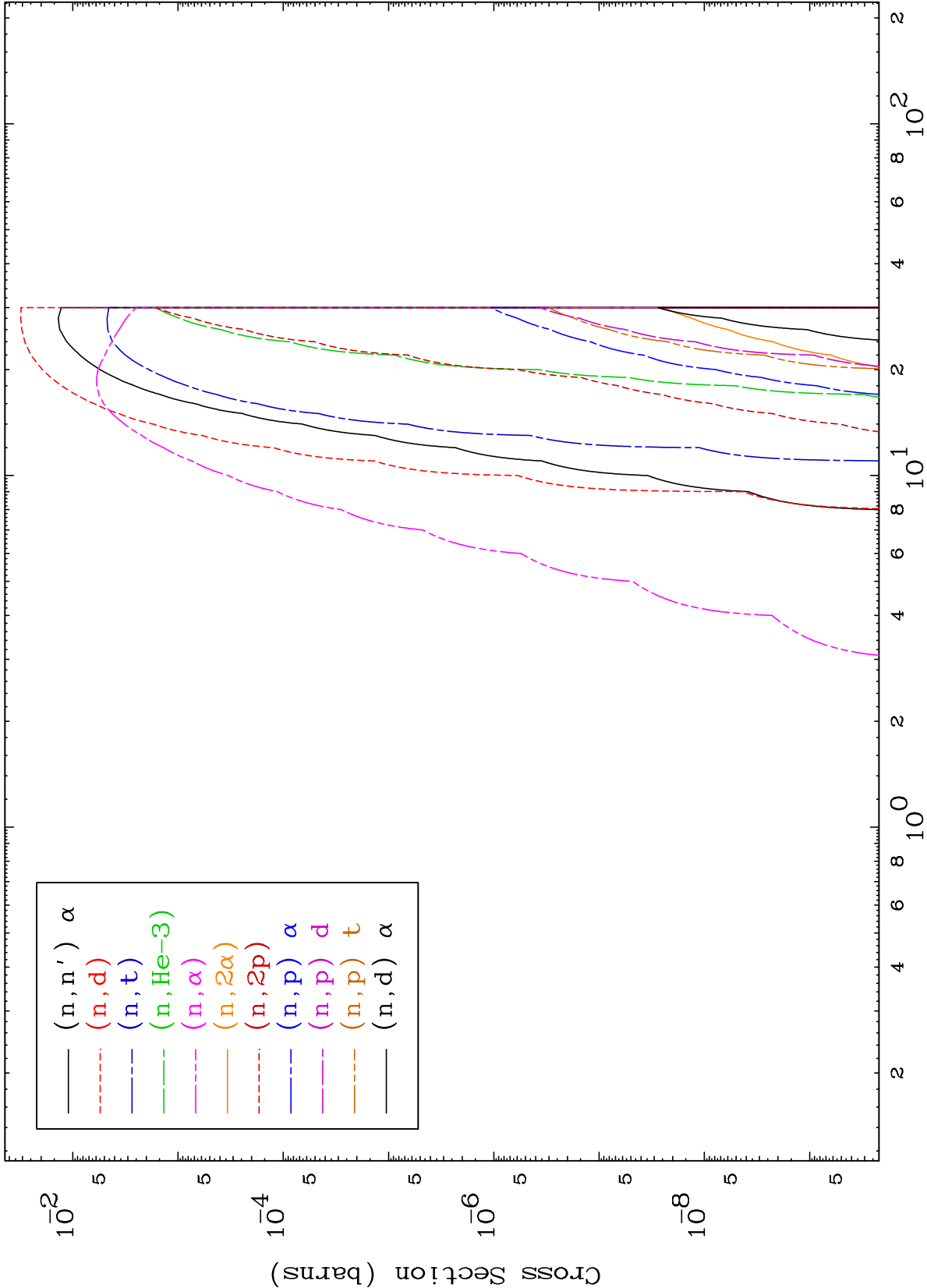
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Proton Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-135m





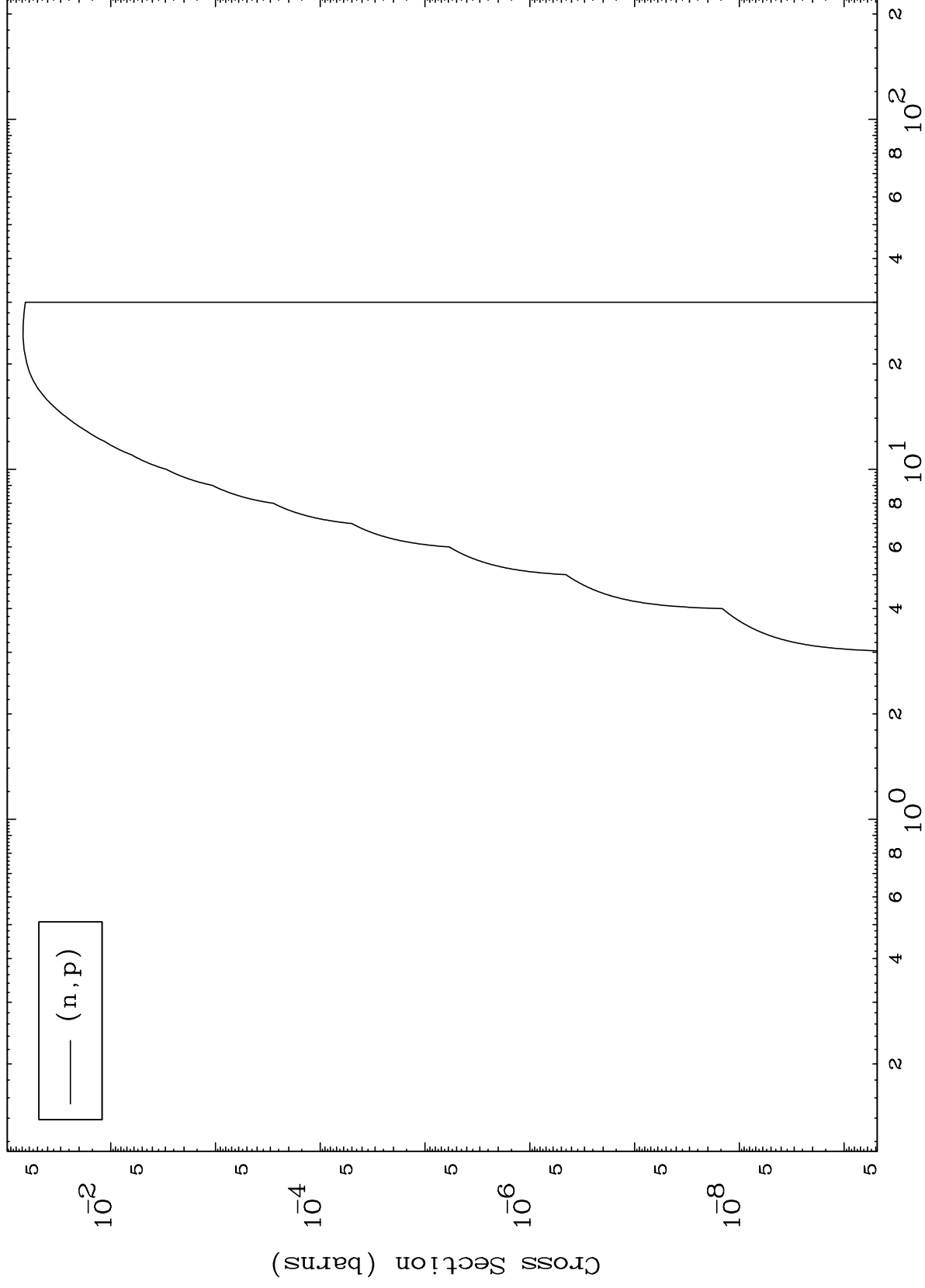


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(p,p) Levels

55-Cs-135m

0 Kelvin Cross Sections



7

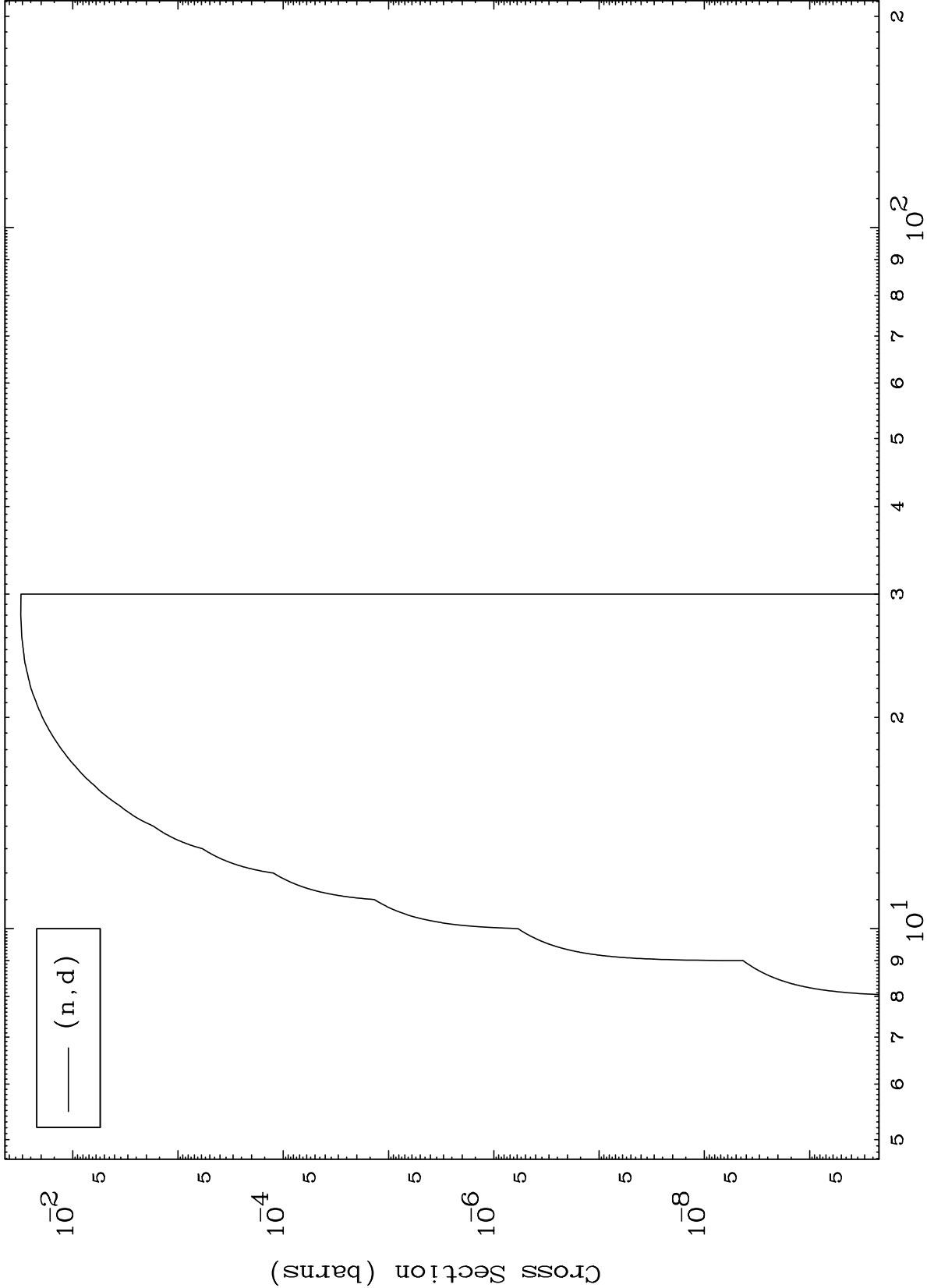
Incident Energy (MeV)

55-Cs-135m

MAT 5532

(p,d) Levels  
0 Kelvin Cross Sections

55-Cs-135m



8

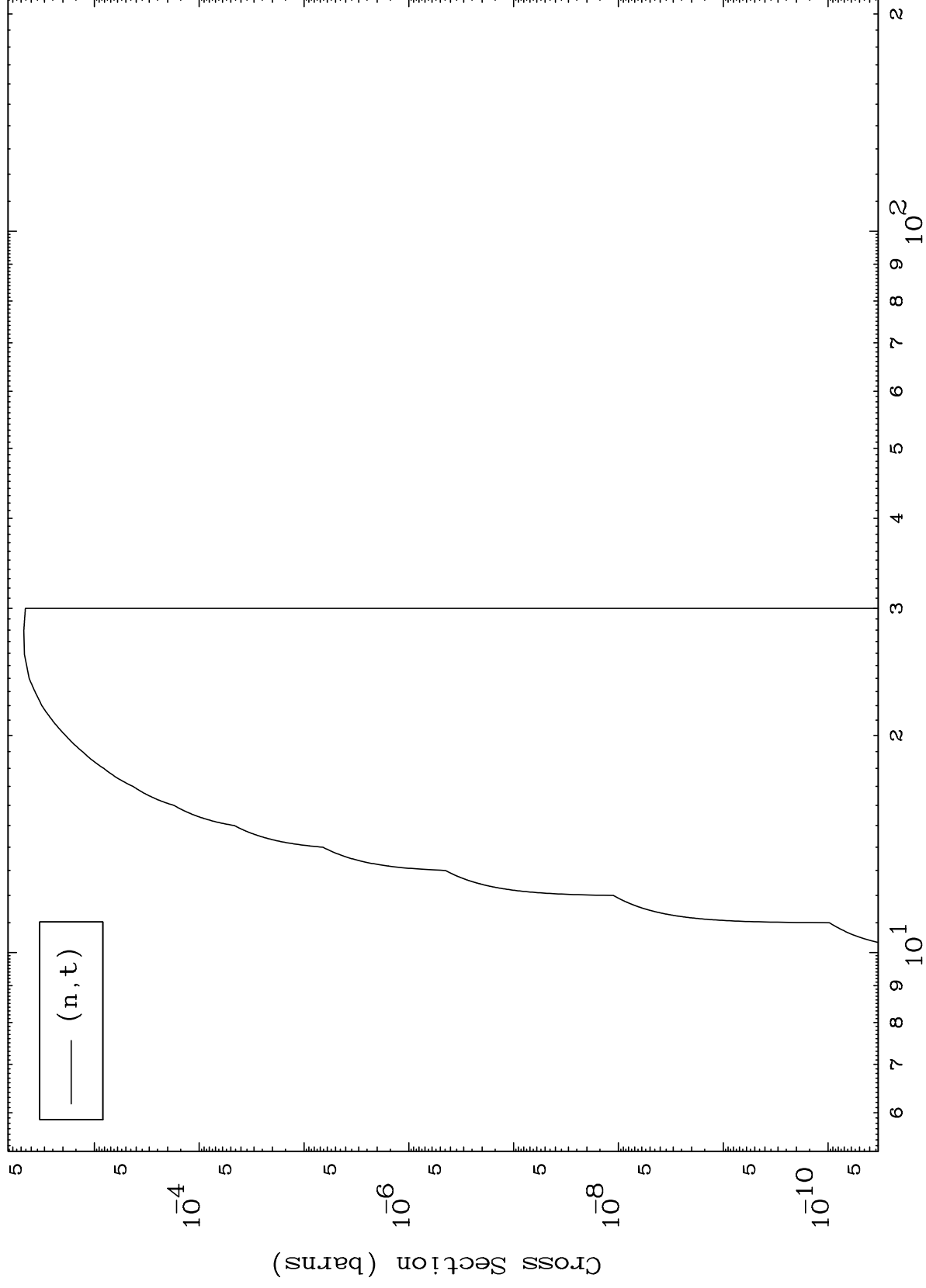
Incident Energy (MeV)

55-Cs-135m

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(p,t) Levels  
0 Kelvin Cross Sections

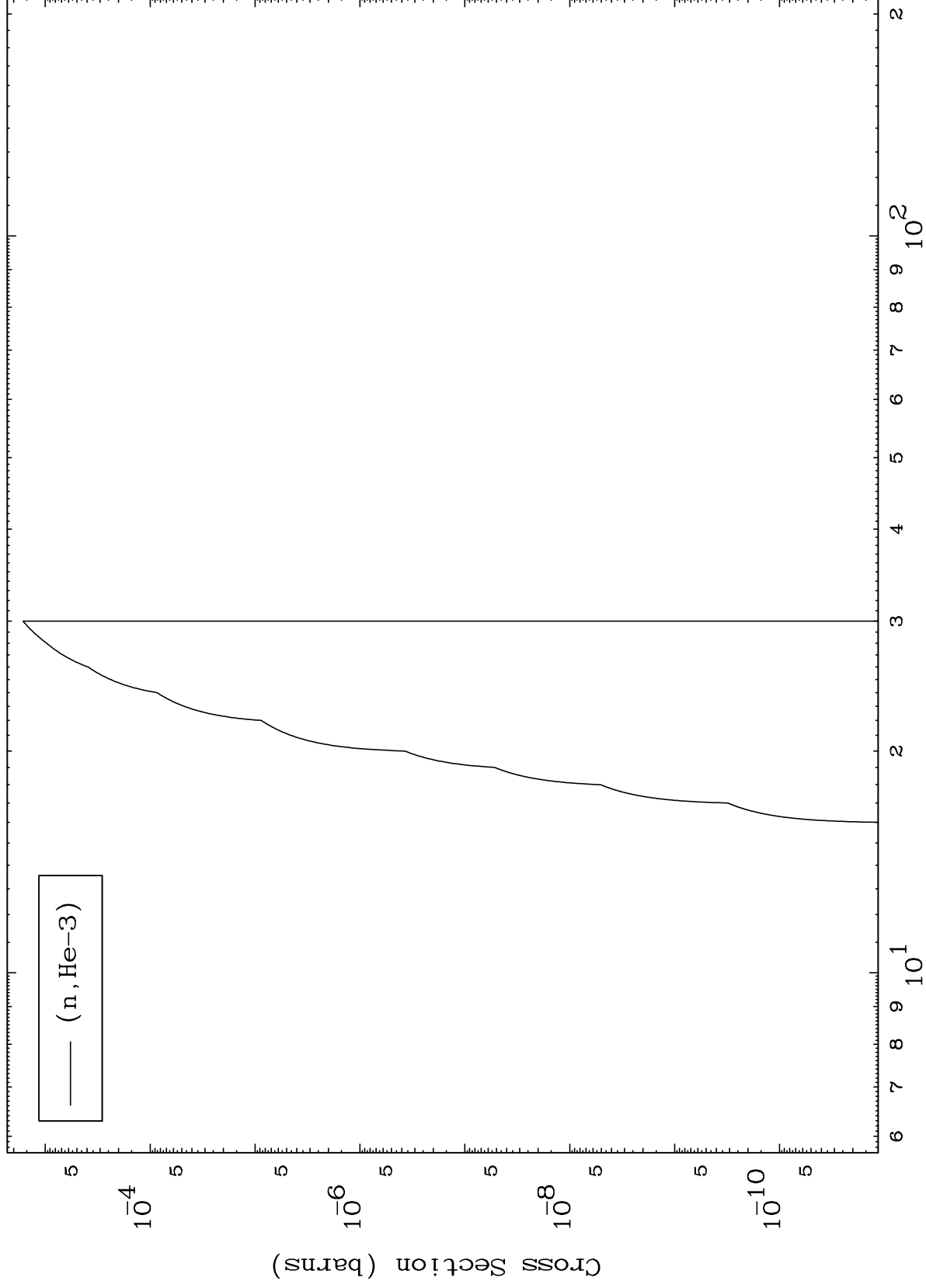
55-Cs-135m



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(p,He3) Levels  
0 Kelvin Cross Sections

55-Cs-135m



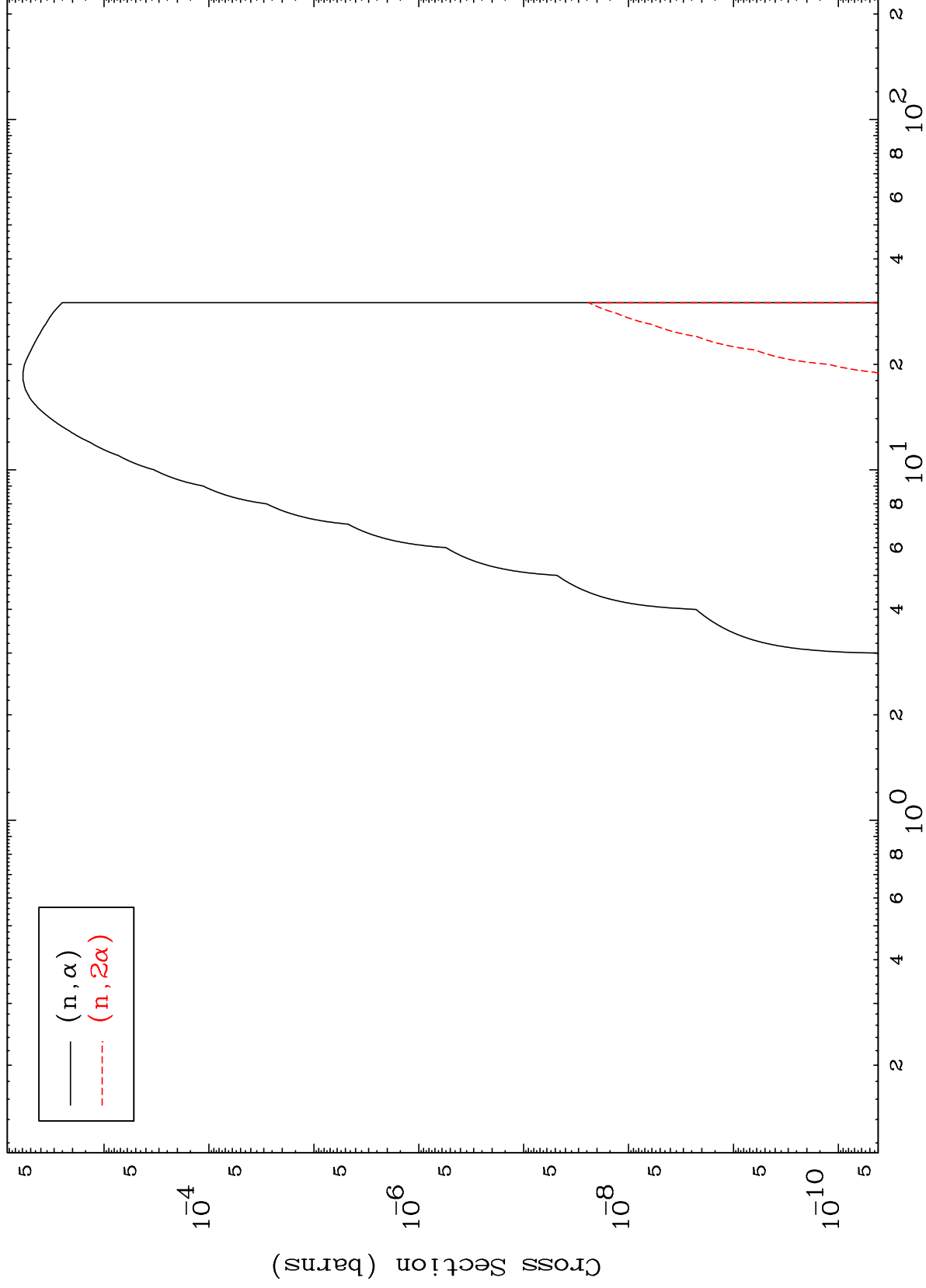
Incident Energy (MeV)

55-Cs-135m

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55-Cs-135m

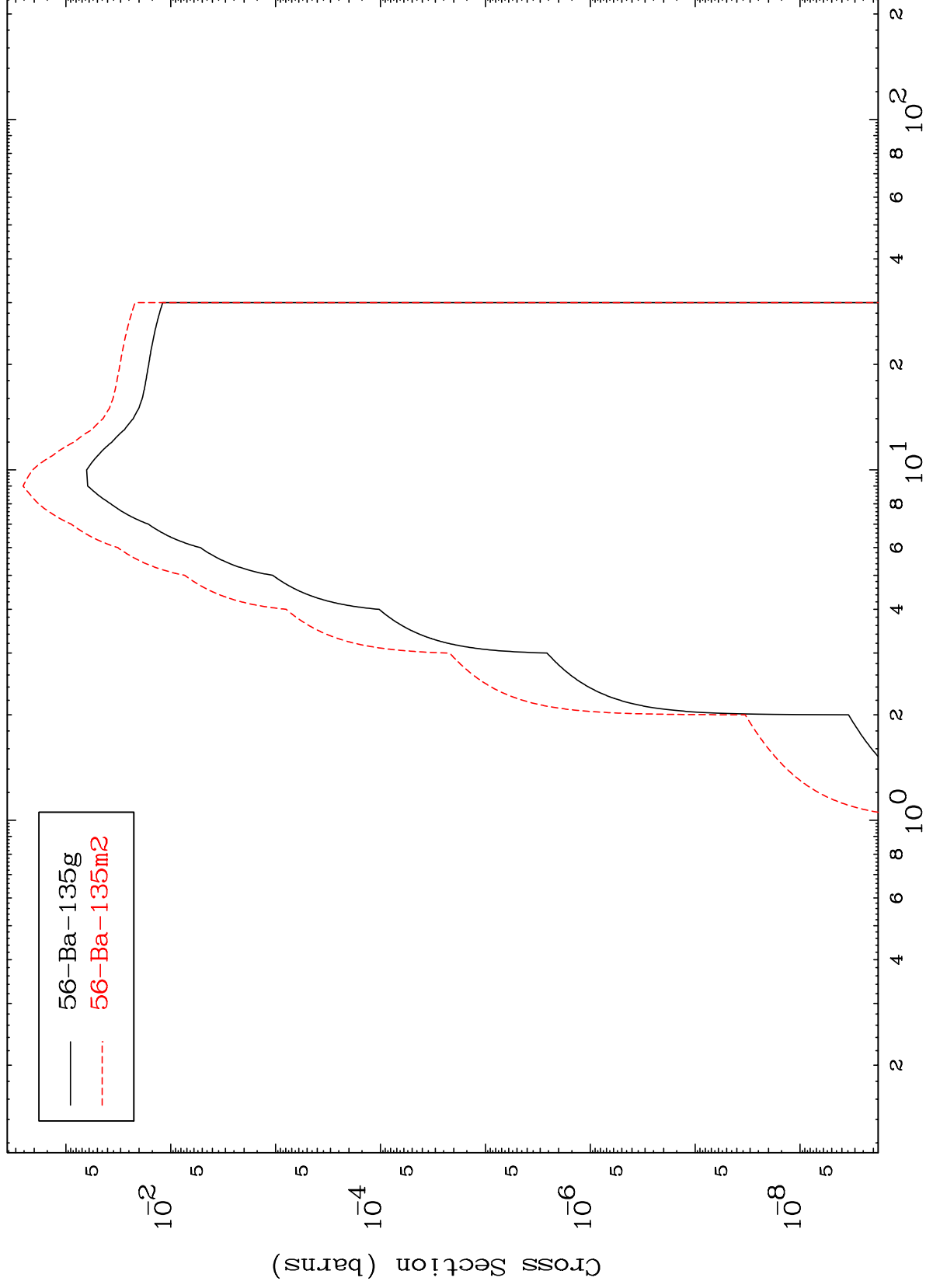
(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



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Radionuclide Production Cross Section

55-Cs-135m



12

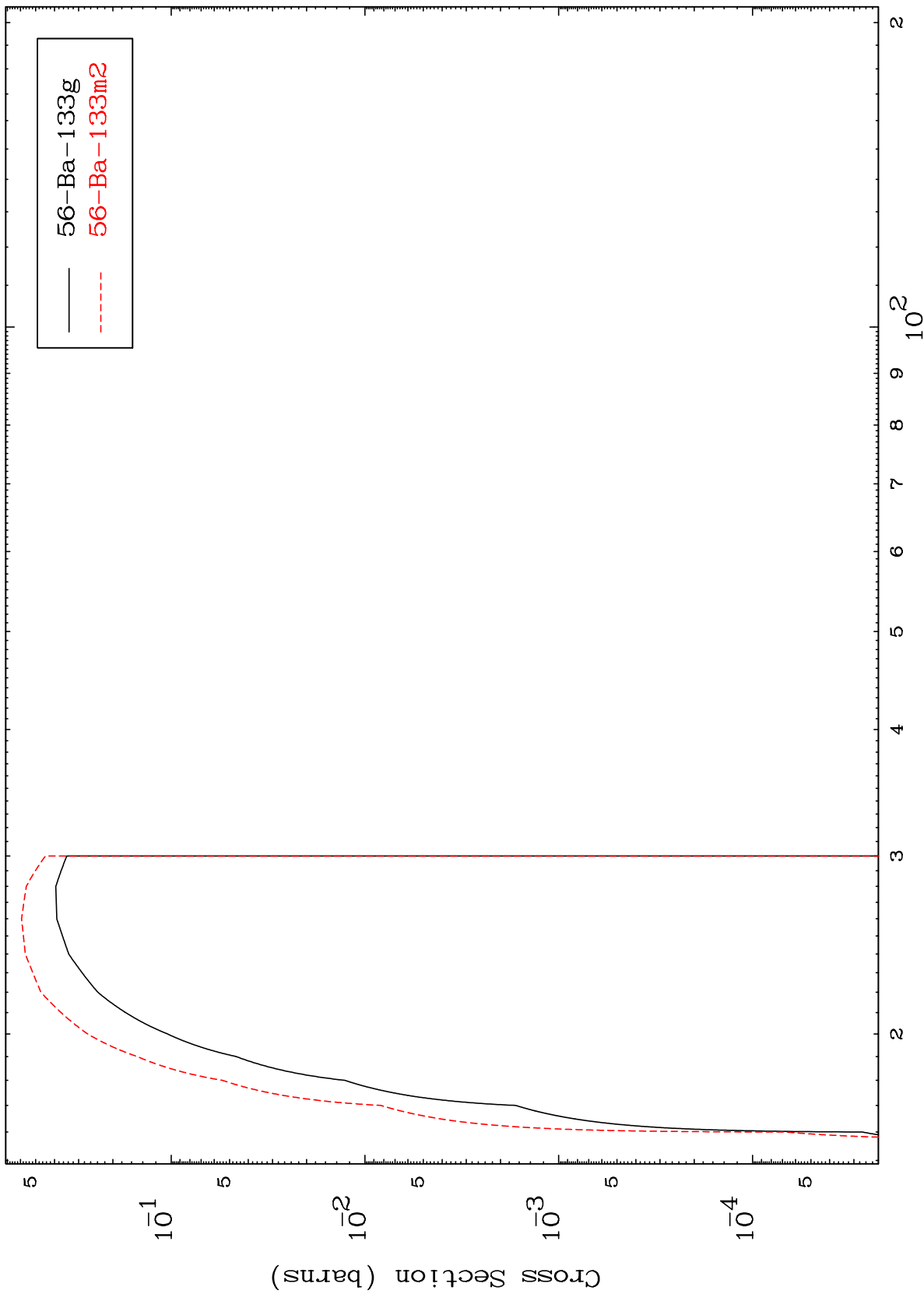
Incident Energy (MeV)

55-Cs-135m

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55-Cs-135m

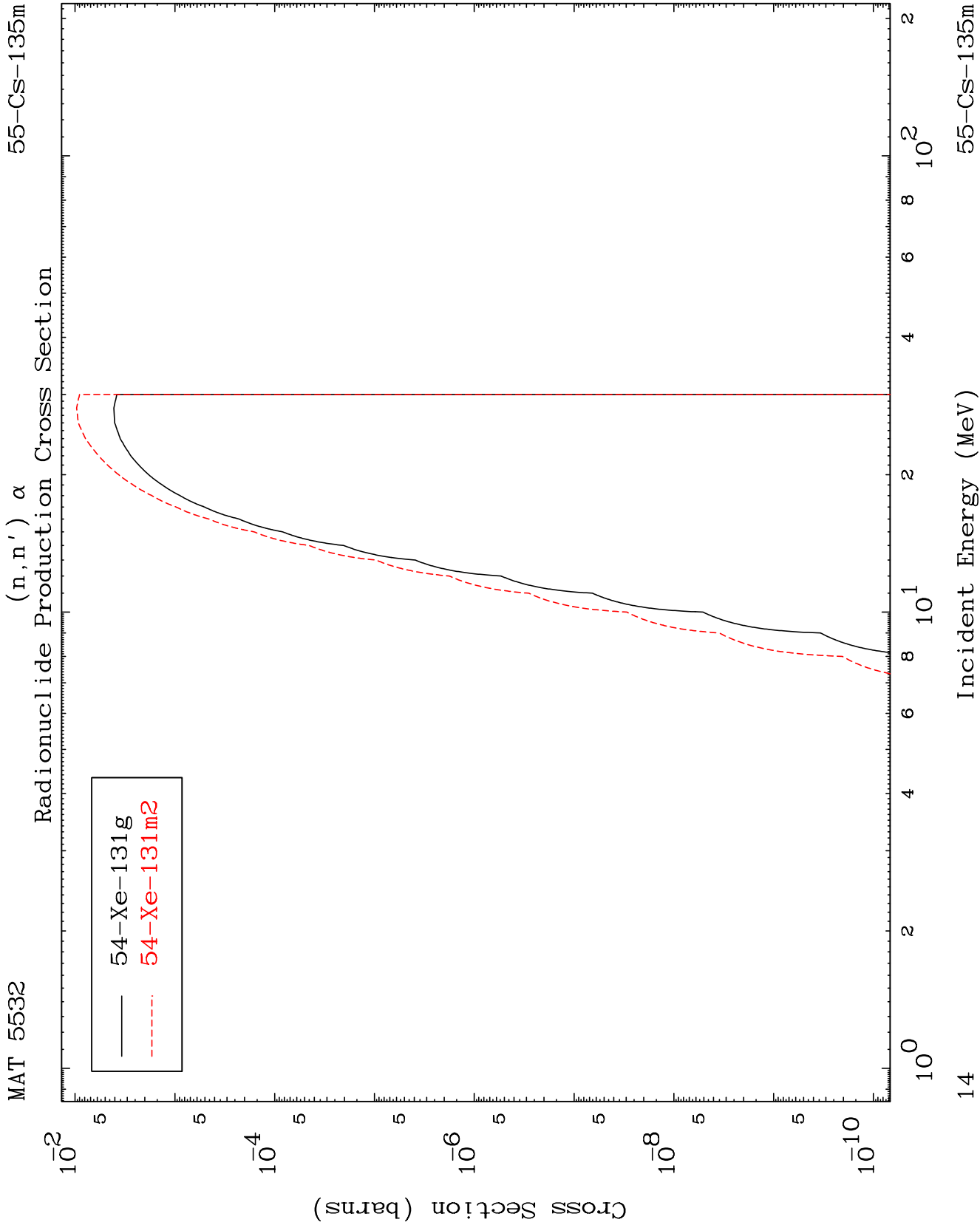
(n,3n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

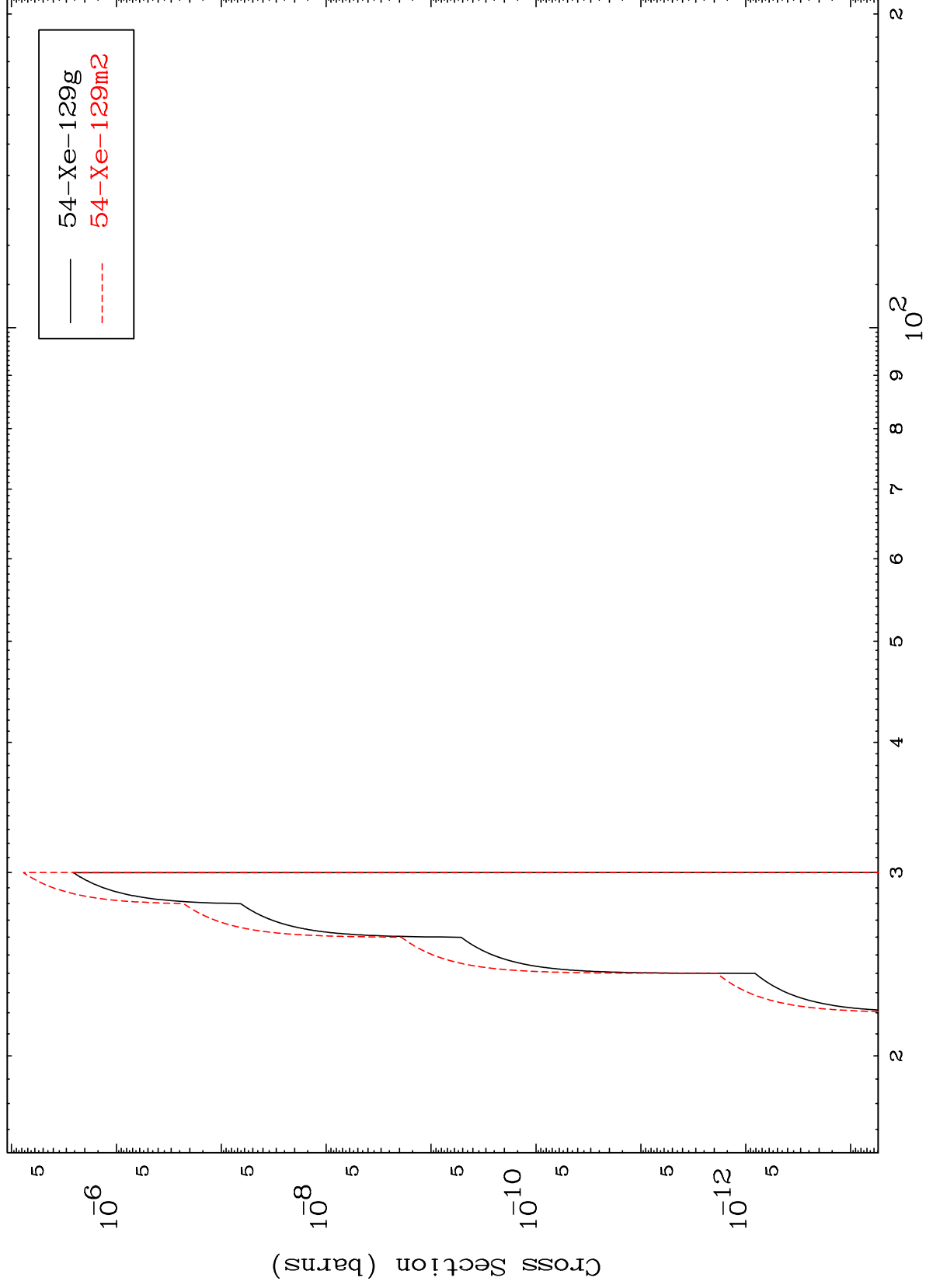
55-Cs-135m



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55-Cs-135m

$(n,3n) \alpha$   
Radionuclide Production Cross Section



15

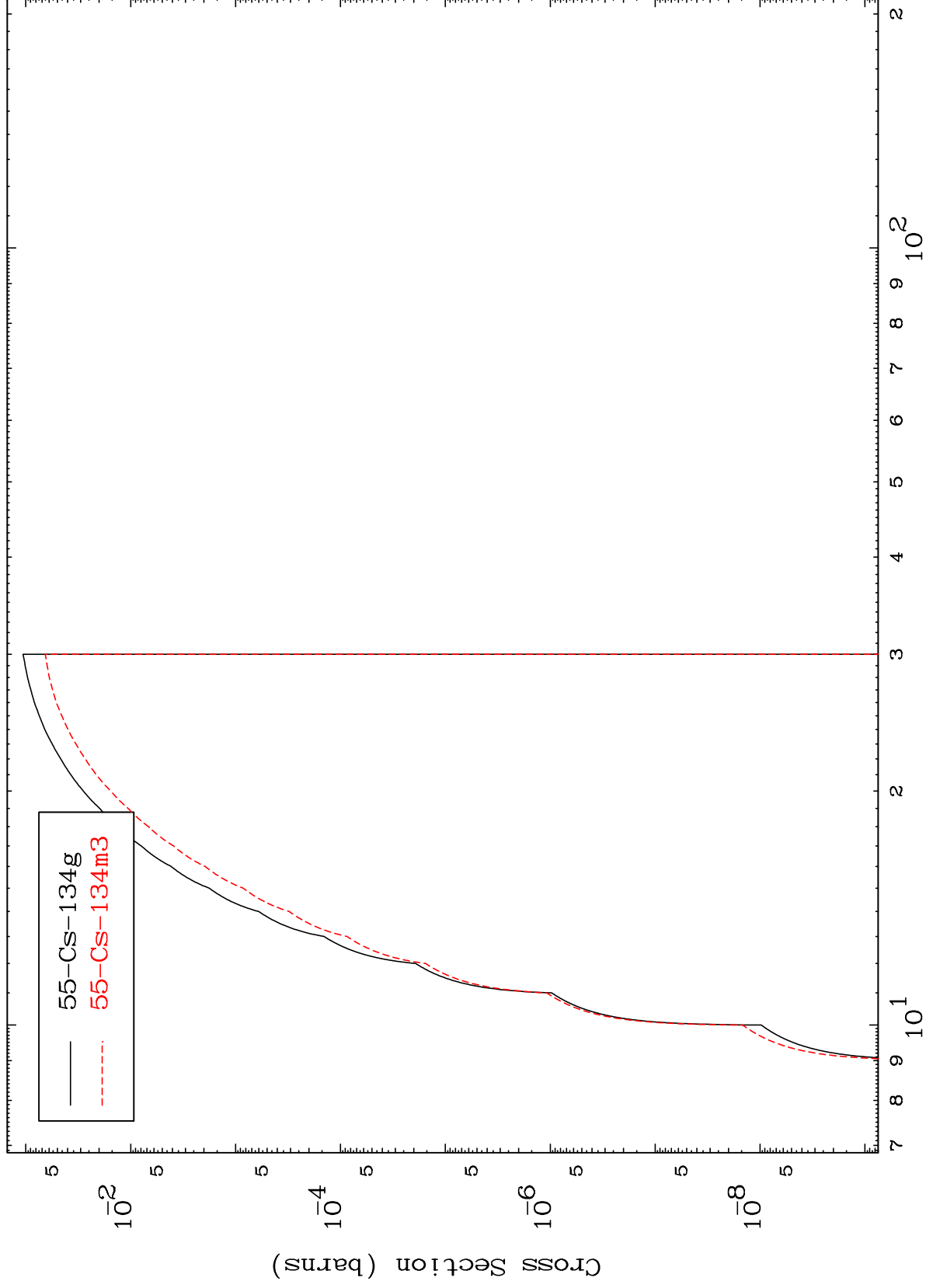
Incident Energy (MeV)

55-Cs-135m

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55-Cs-135m

(n,n') p  
Radionuclide Production Cross Section



55-Cs-135m

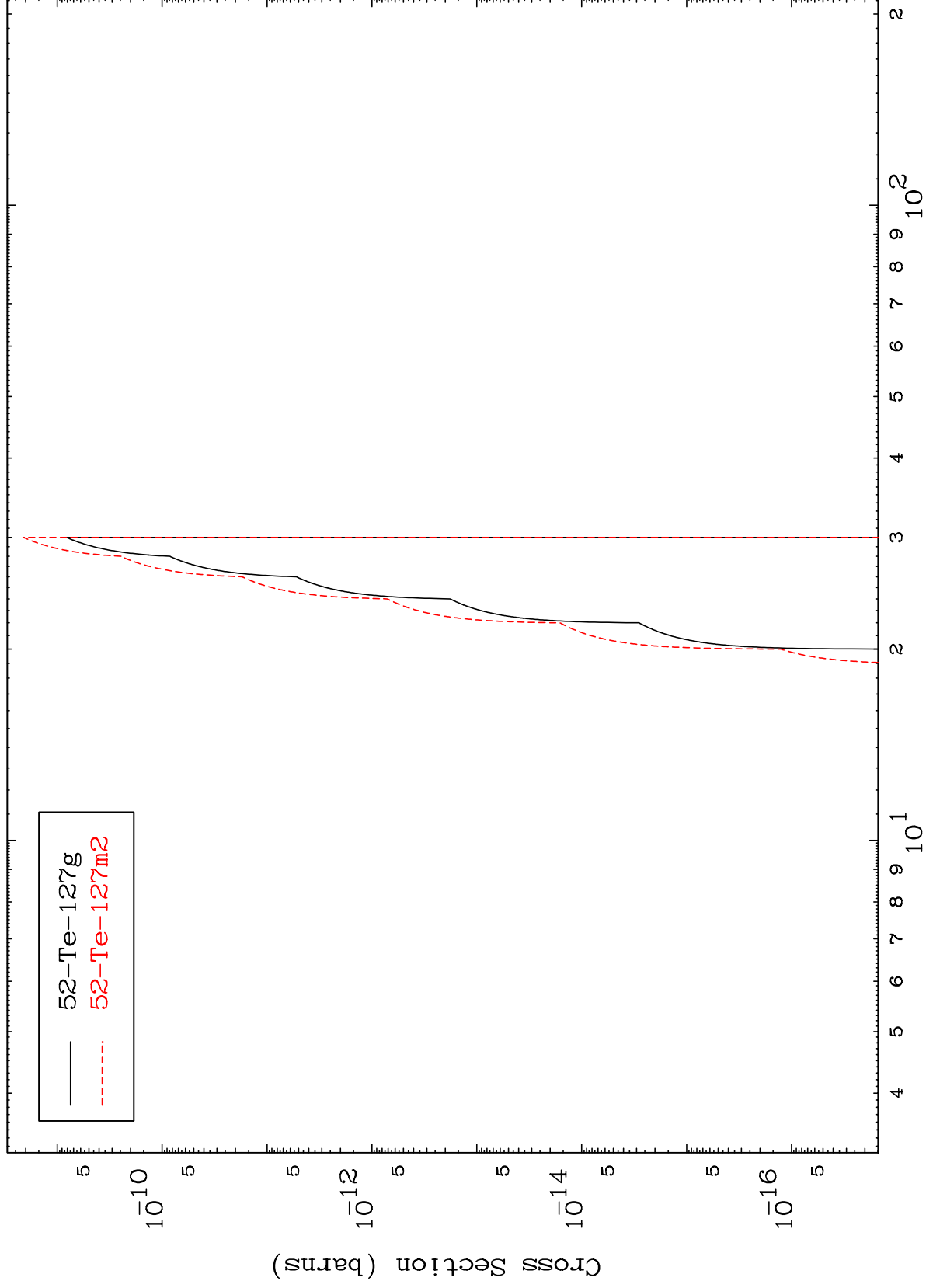
Incident Energy (MeV)

16

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55-Cs-135m

(n,n') 2α  
Radionuclide Production Cross Section

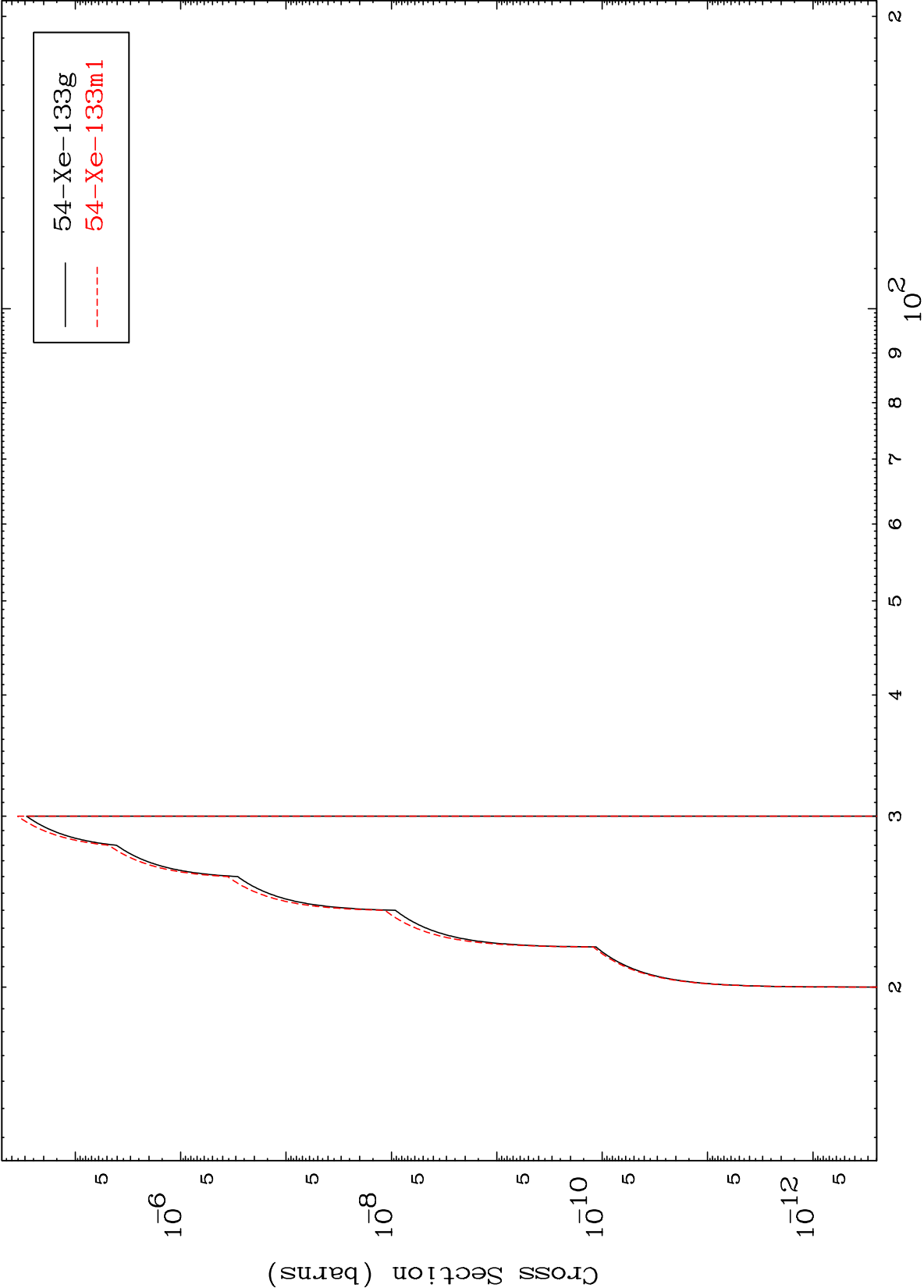


55-Cs-135m

Incident Energy (MeV)

17

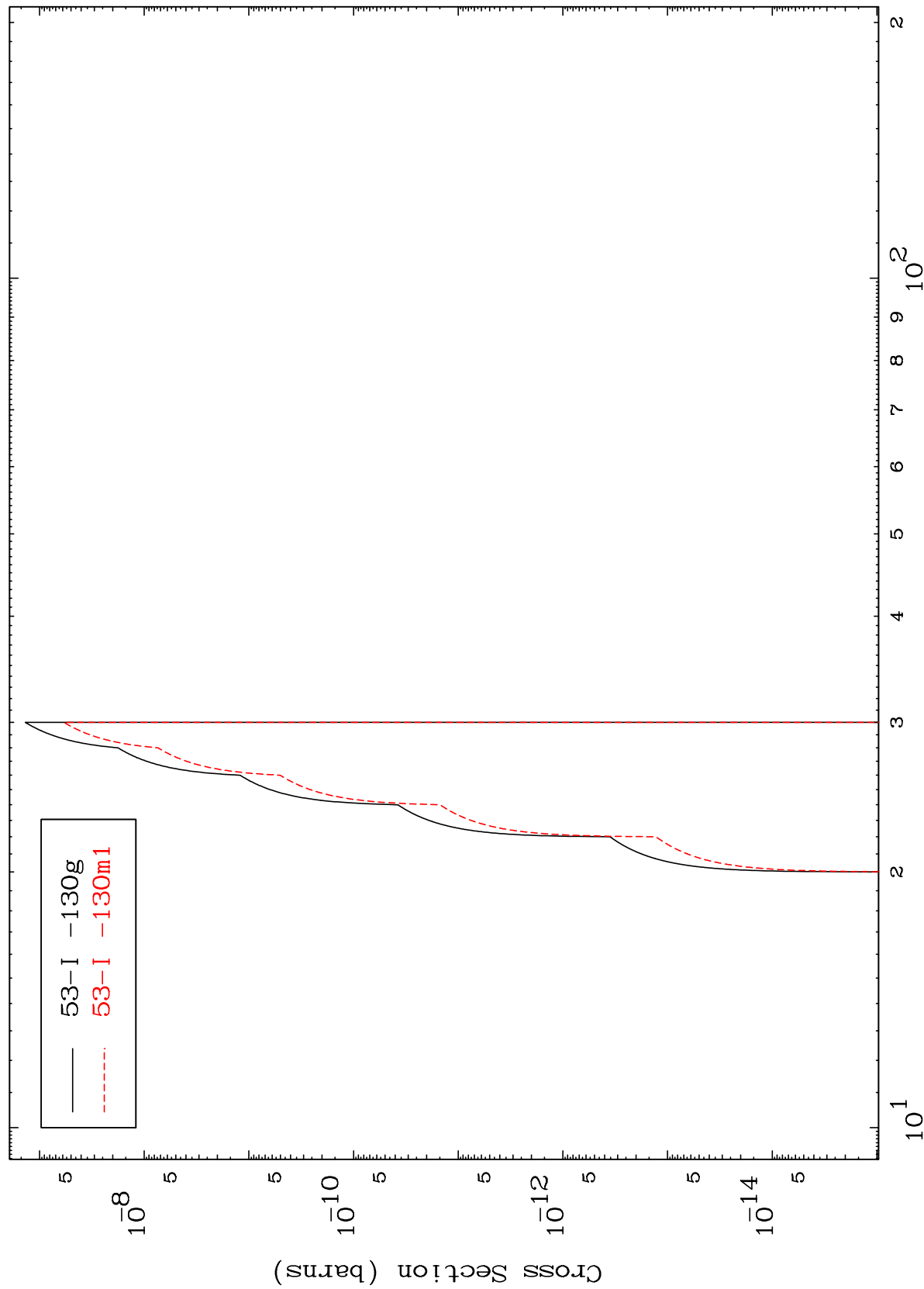
(n,2n) p  
Radionuclide Production Cross Section



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55-Cs-135m

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



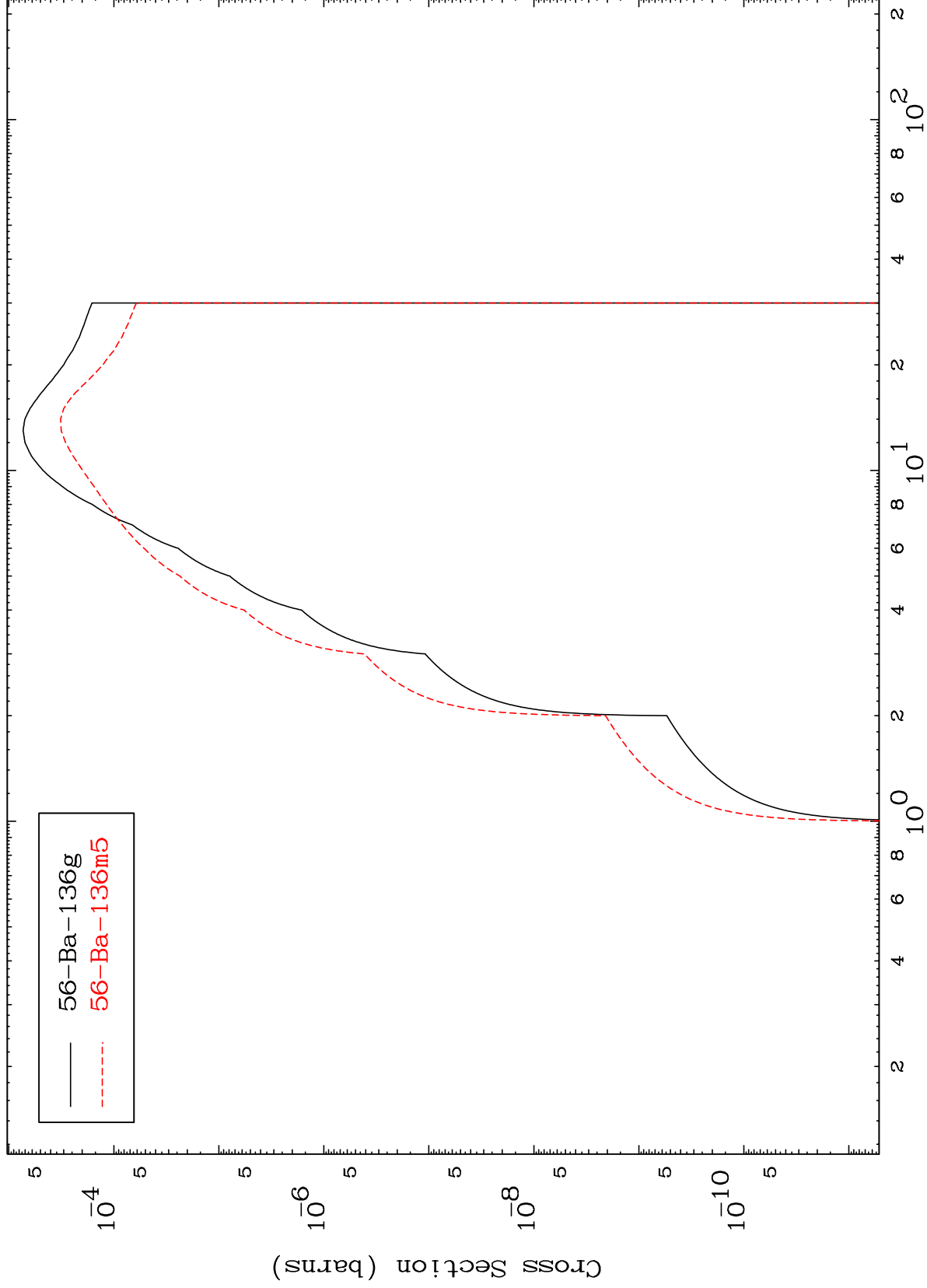
55-Cs-135m

Incident Energy (MeV)

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55-Cs-135m

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



20

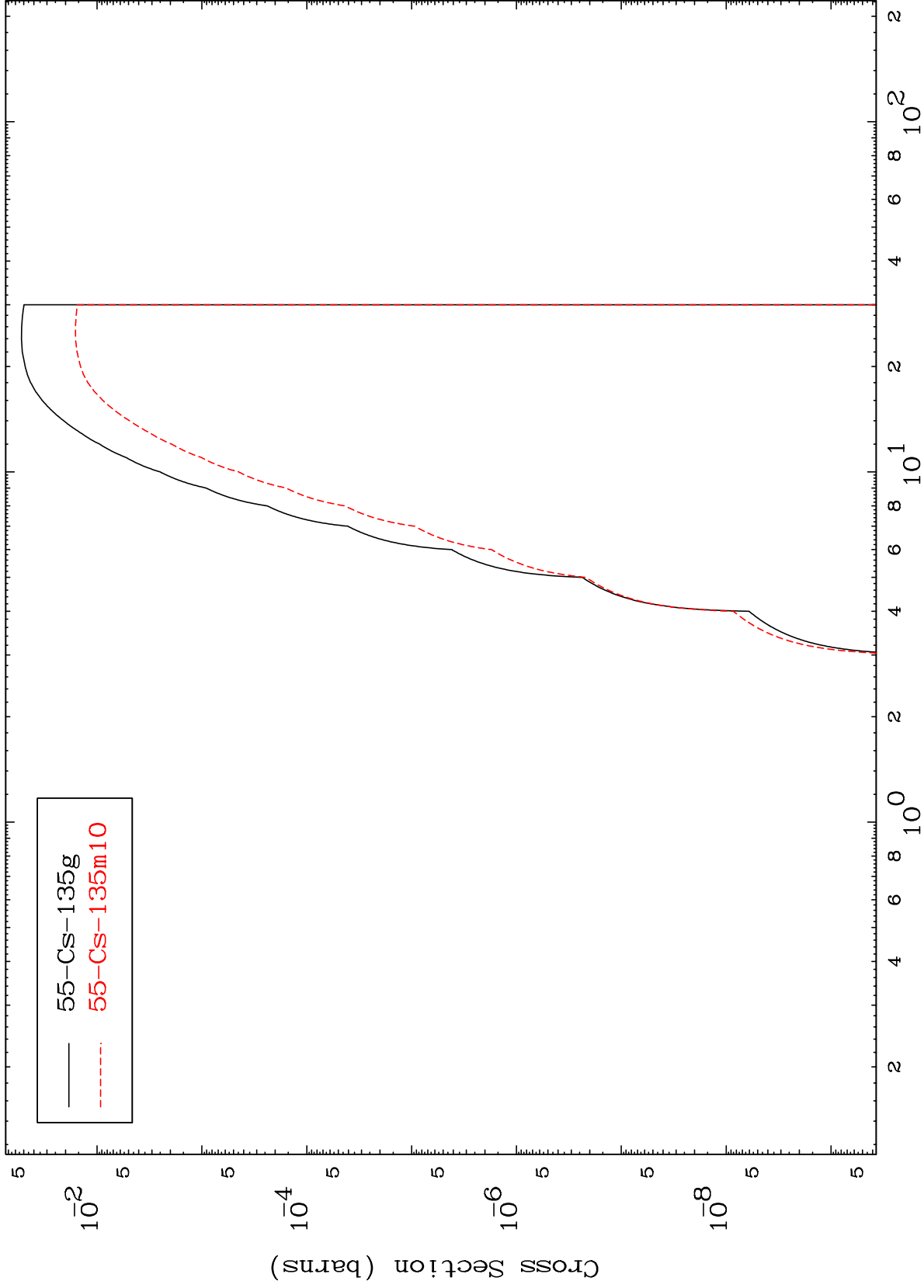
Incident Energy (MeV)

55-Cs-135m

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55-Cs-135m

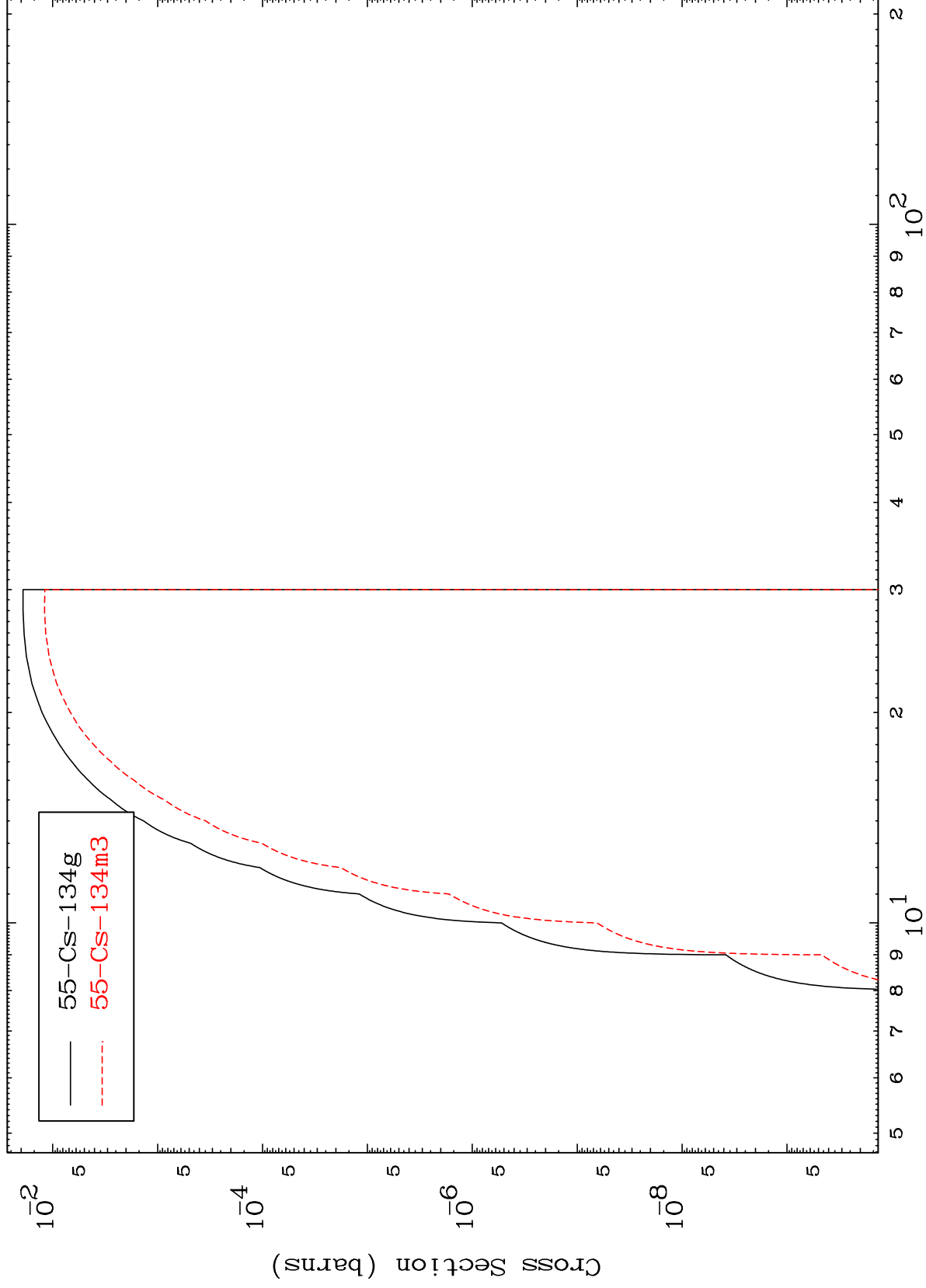
(n,p)  
Radionuclide Production Cross Section



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55-Cs-135m

(n,d)  
Radionuclide Production Cross Section



55-Cs-135m

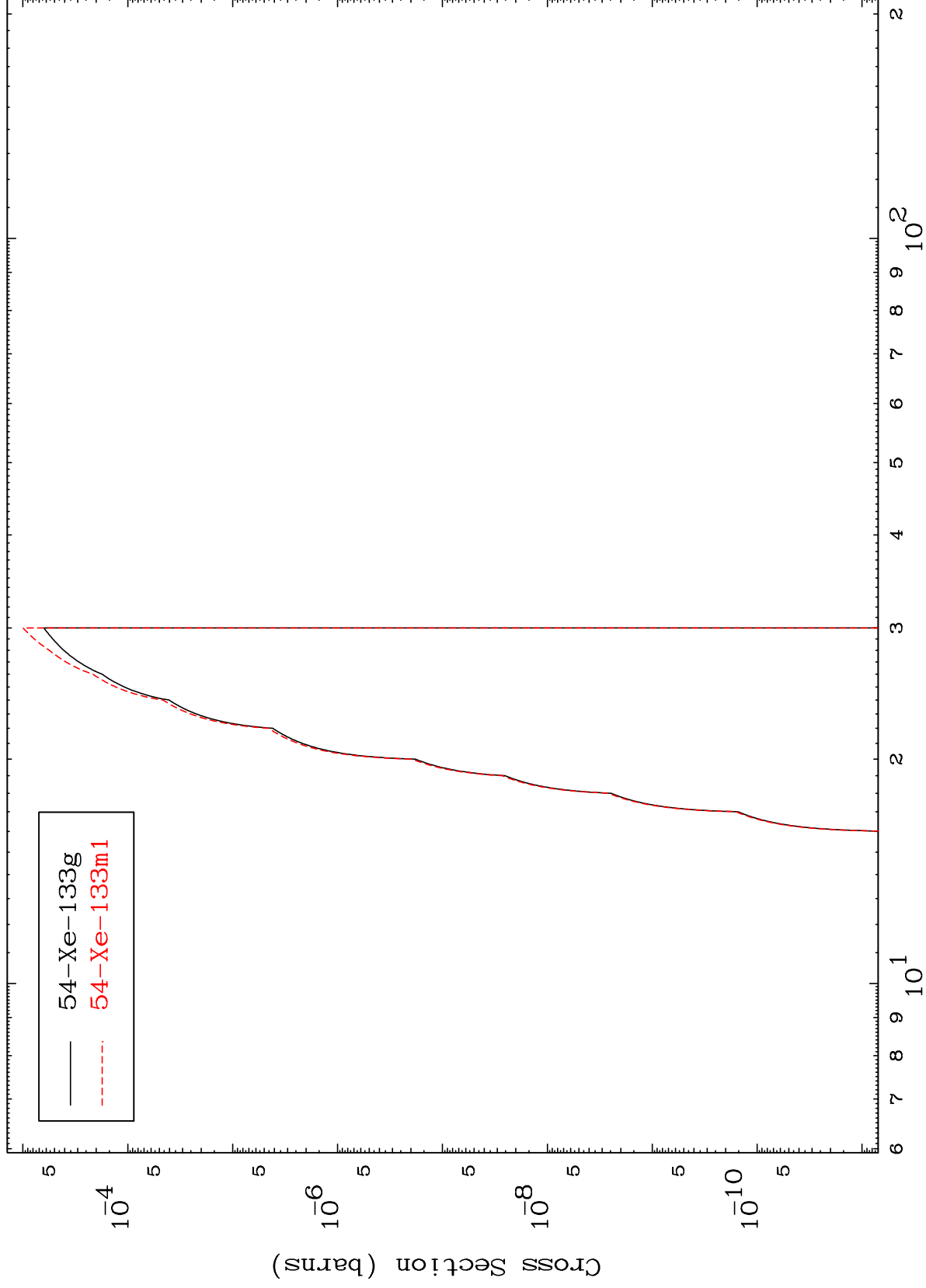
Incident Energy (MeV)

22

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55-Cs-135m

Radionuclide Production Cross Section  
(n,He-3)



23

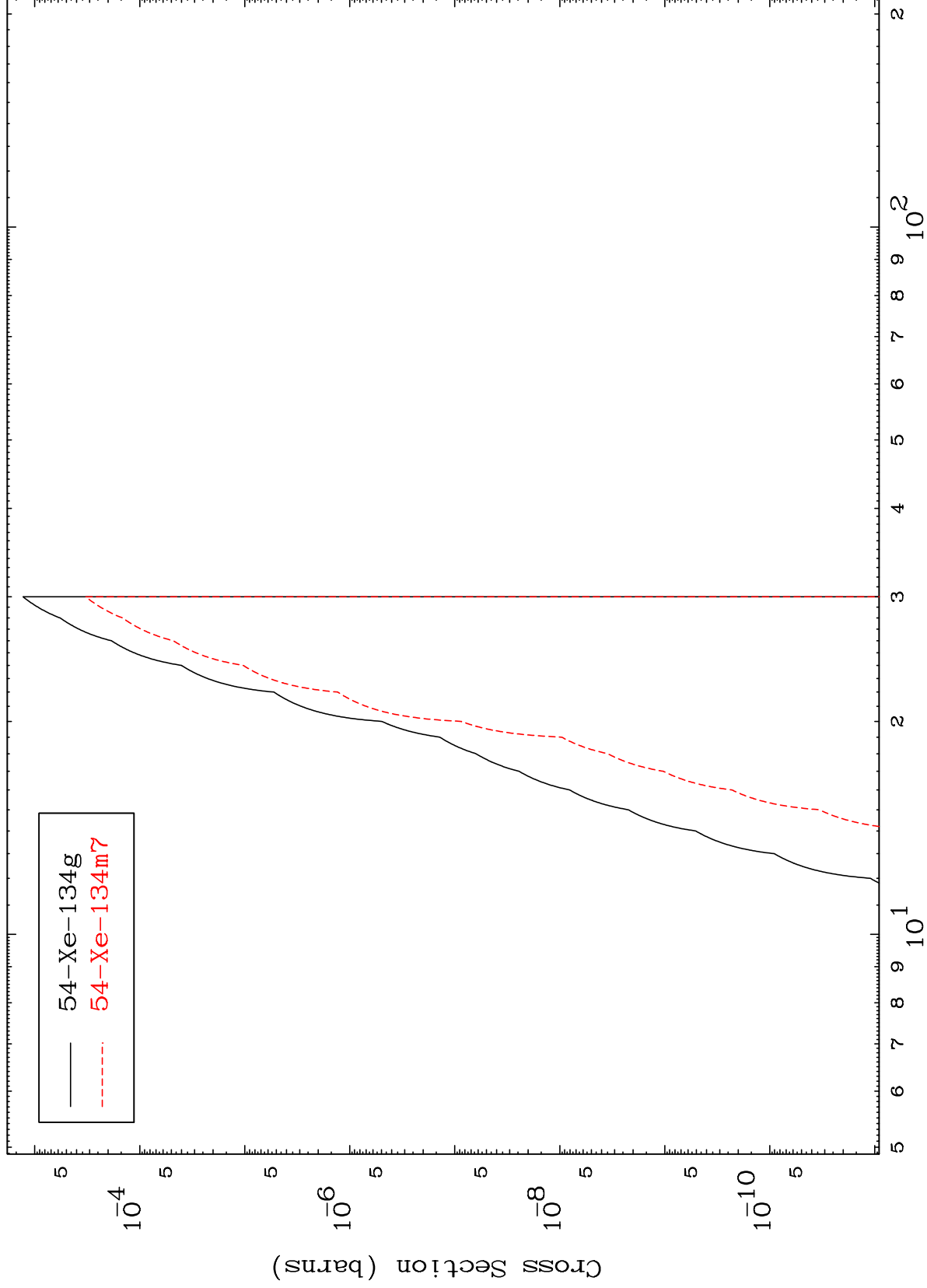
Incident Energy (MeV)

55-Cs-135m

MAT 5532

55-Cs-135m

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-135m

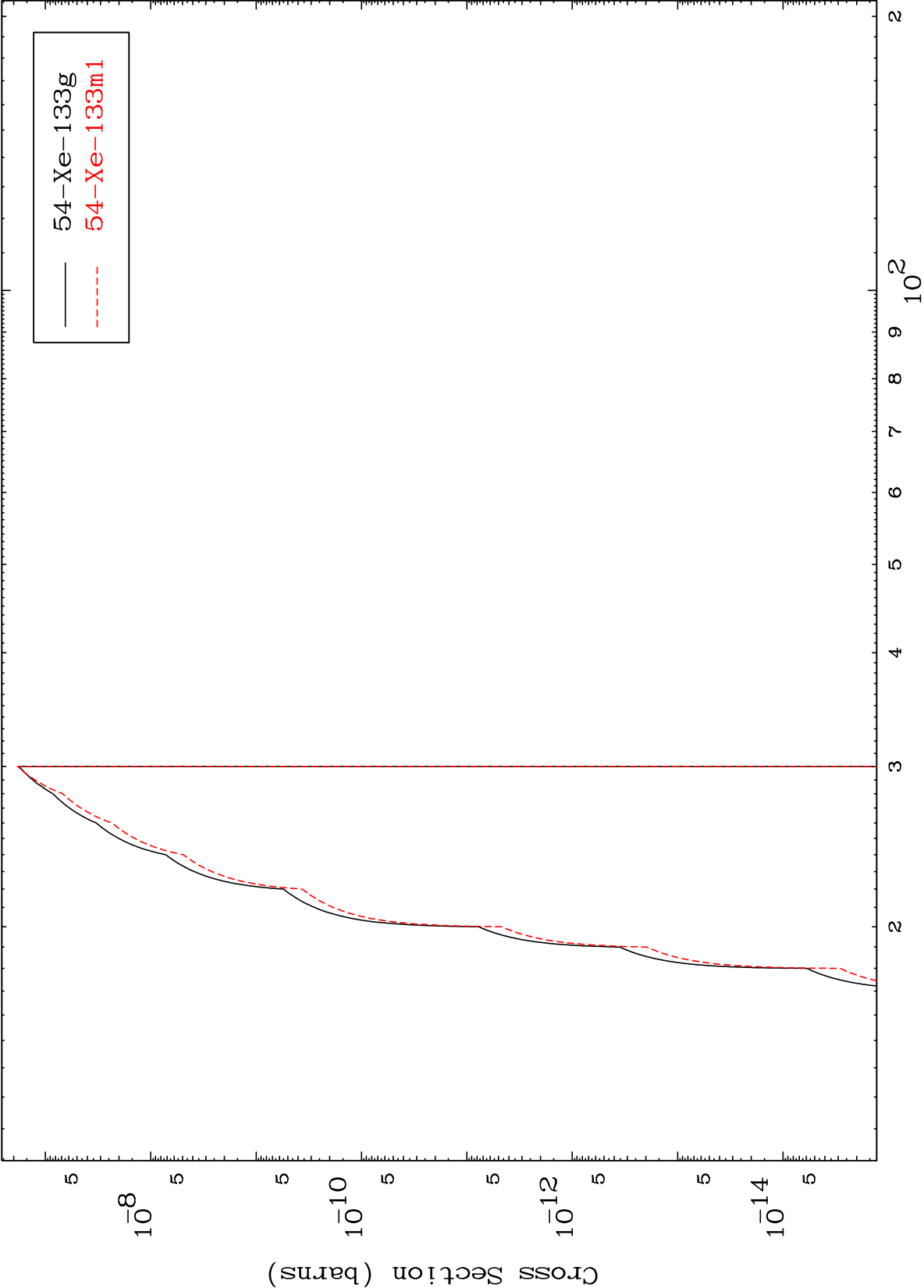
24

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(n,p) d

55-Cs-135m

Radionuclide Production Cross Section



25

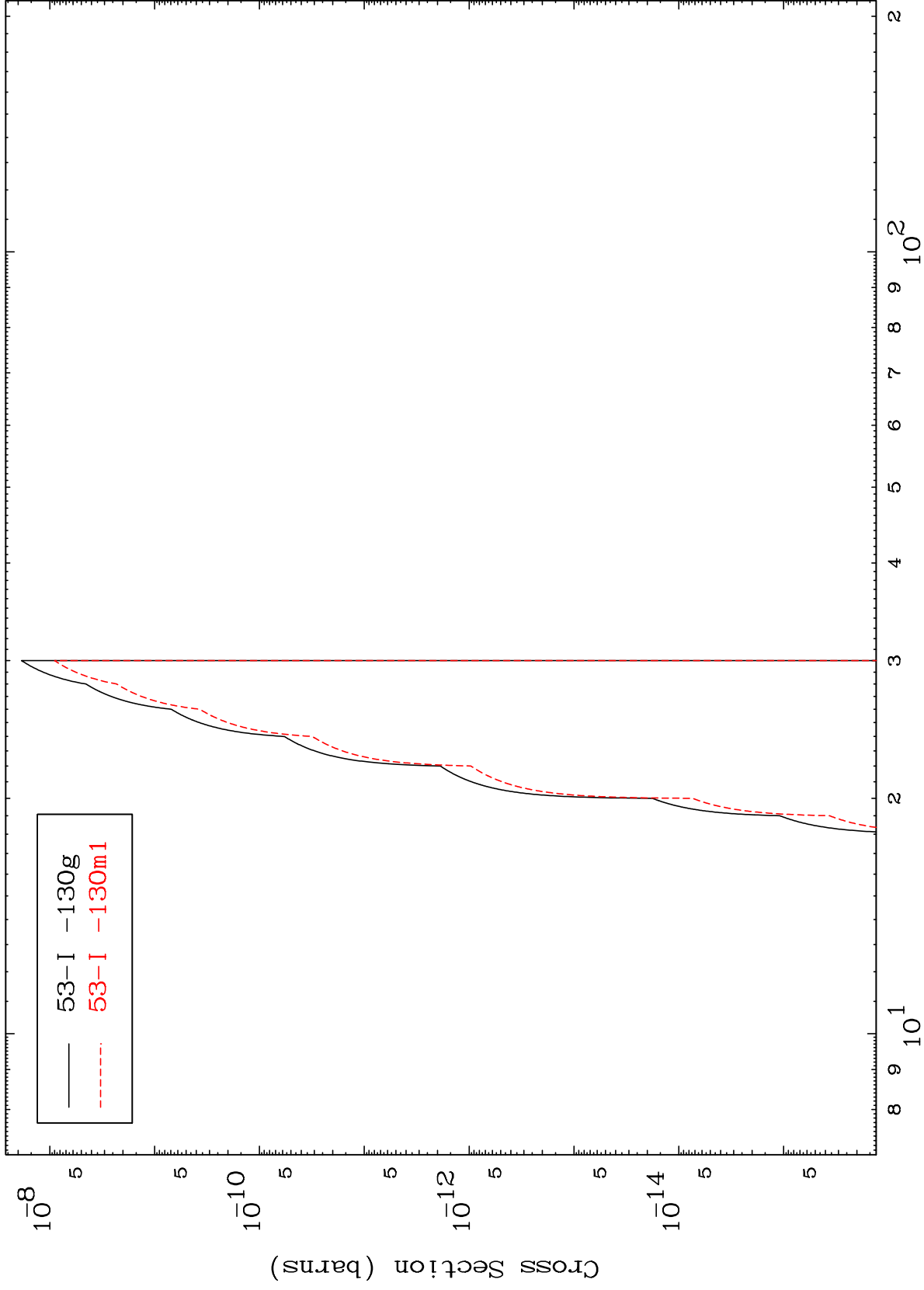
Incident Energy (MeV)

55-Cs-135m

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55-Cs-135m

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



26

Incident Energy (MeV)

55-Cs-135m