

Program EVALPLOT  
(Version 2021-1)

by

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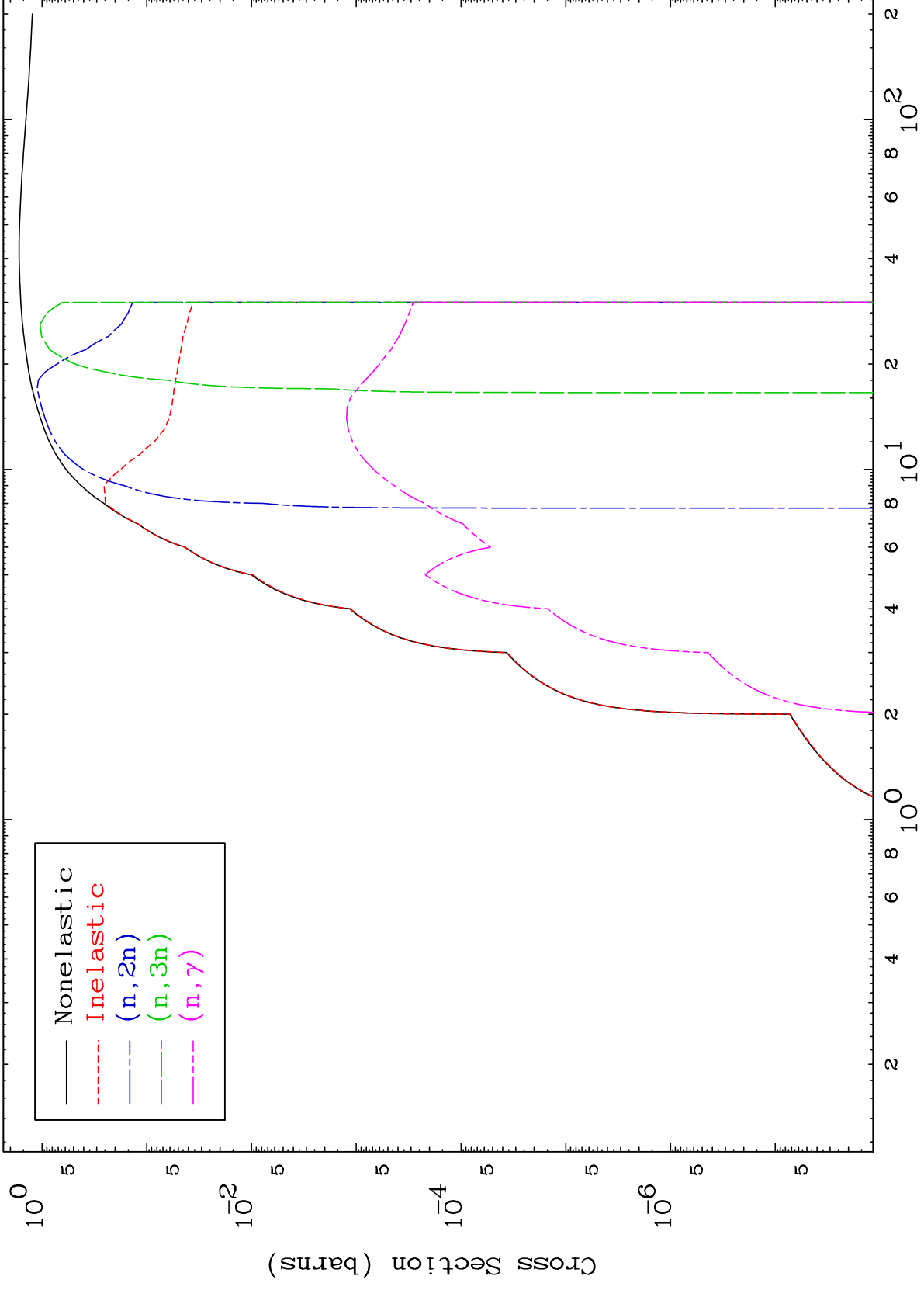
Press Mouse Button to Start

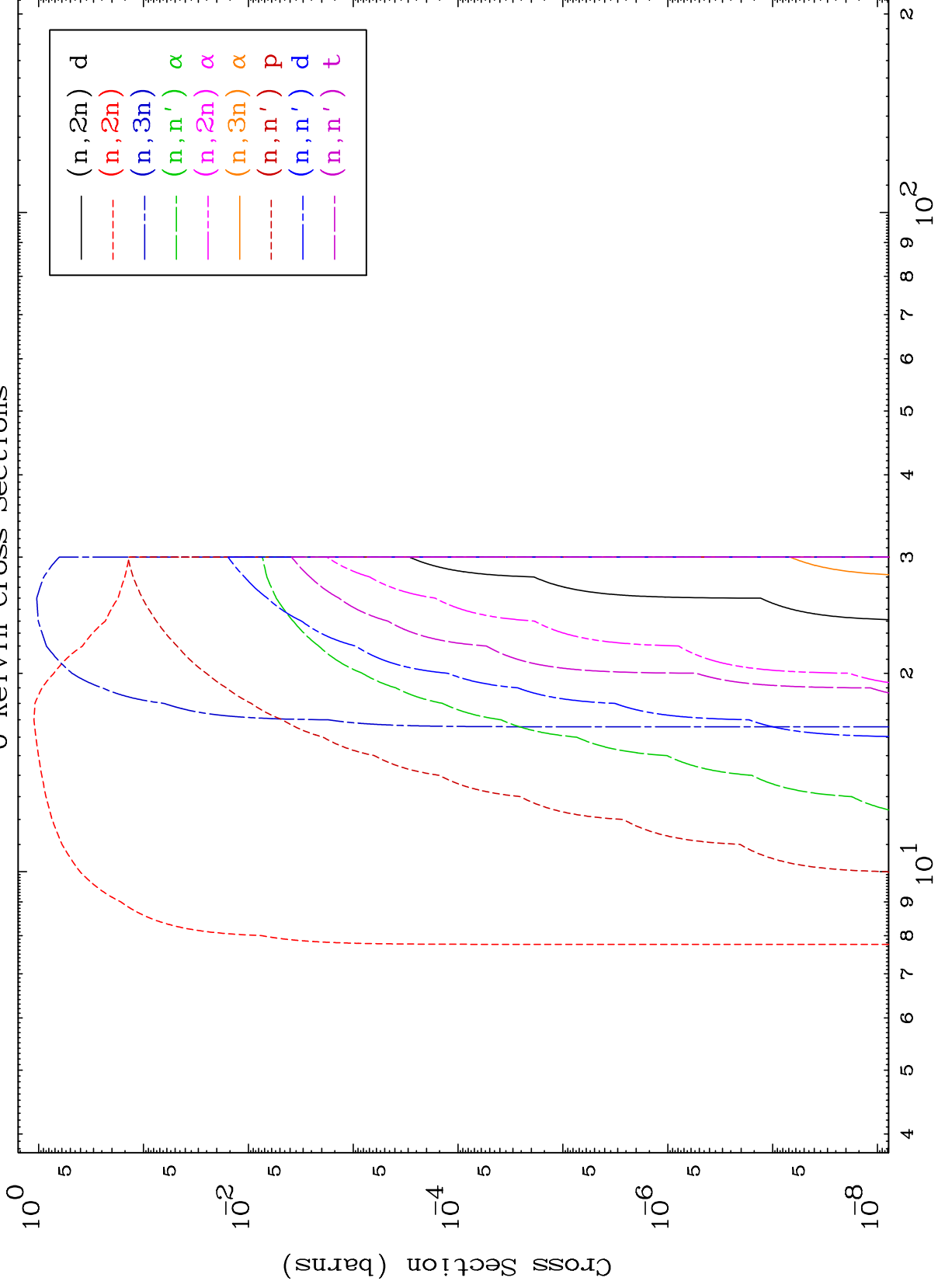
MAT 5461

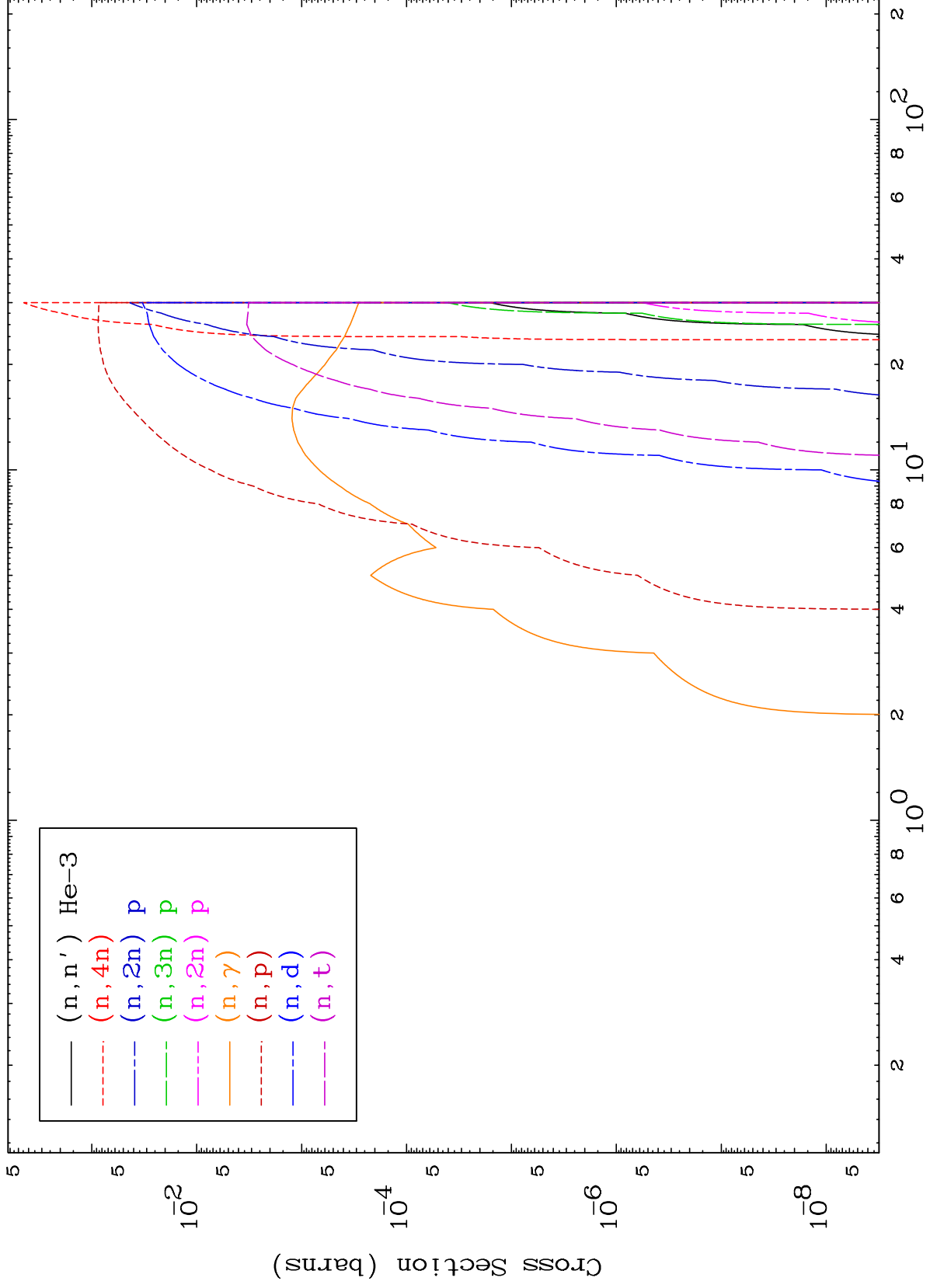
Proton Major

54-Xe-136

0 Kelvin Cross Sections



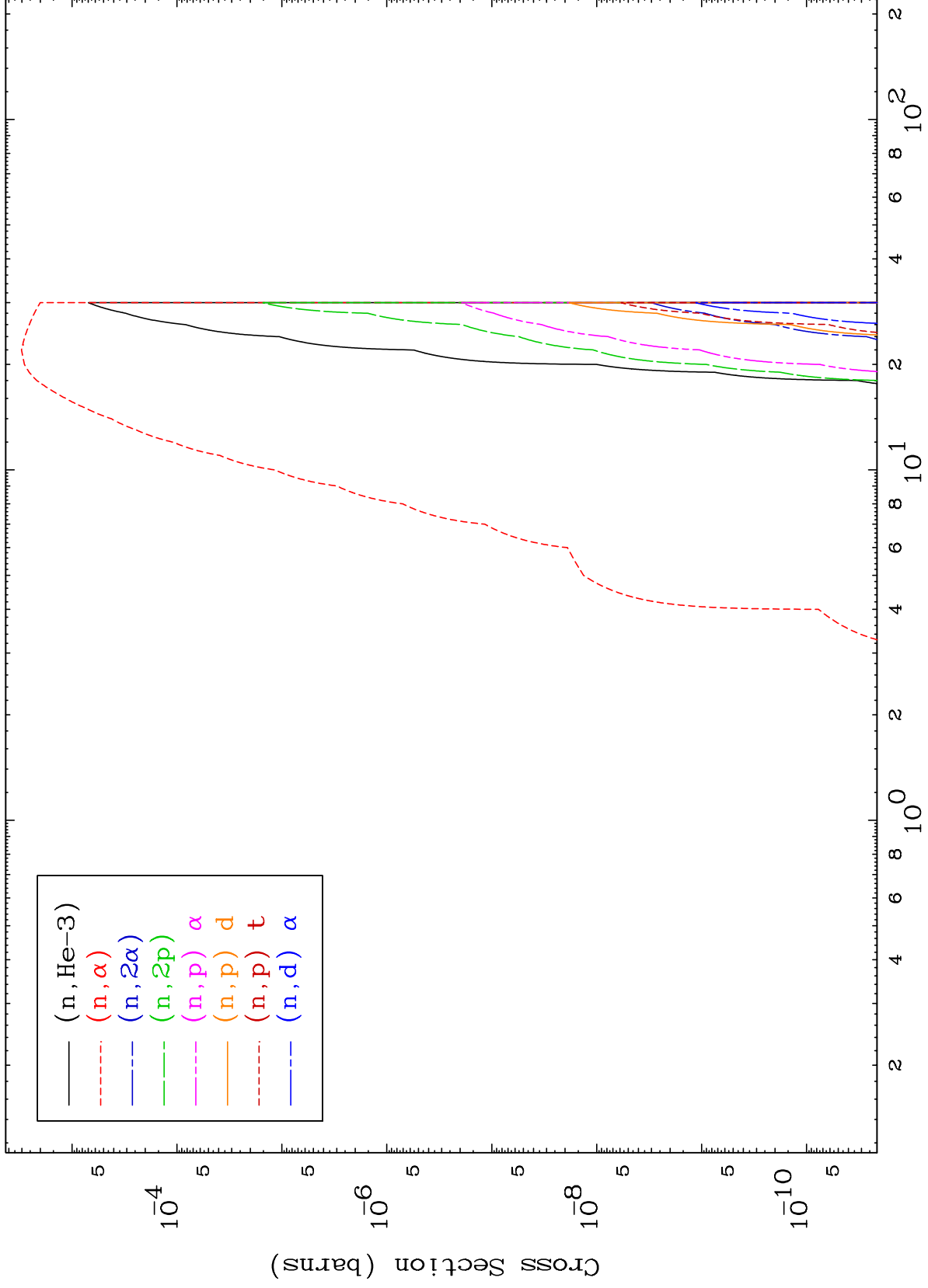


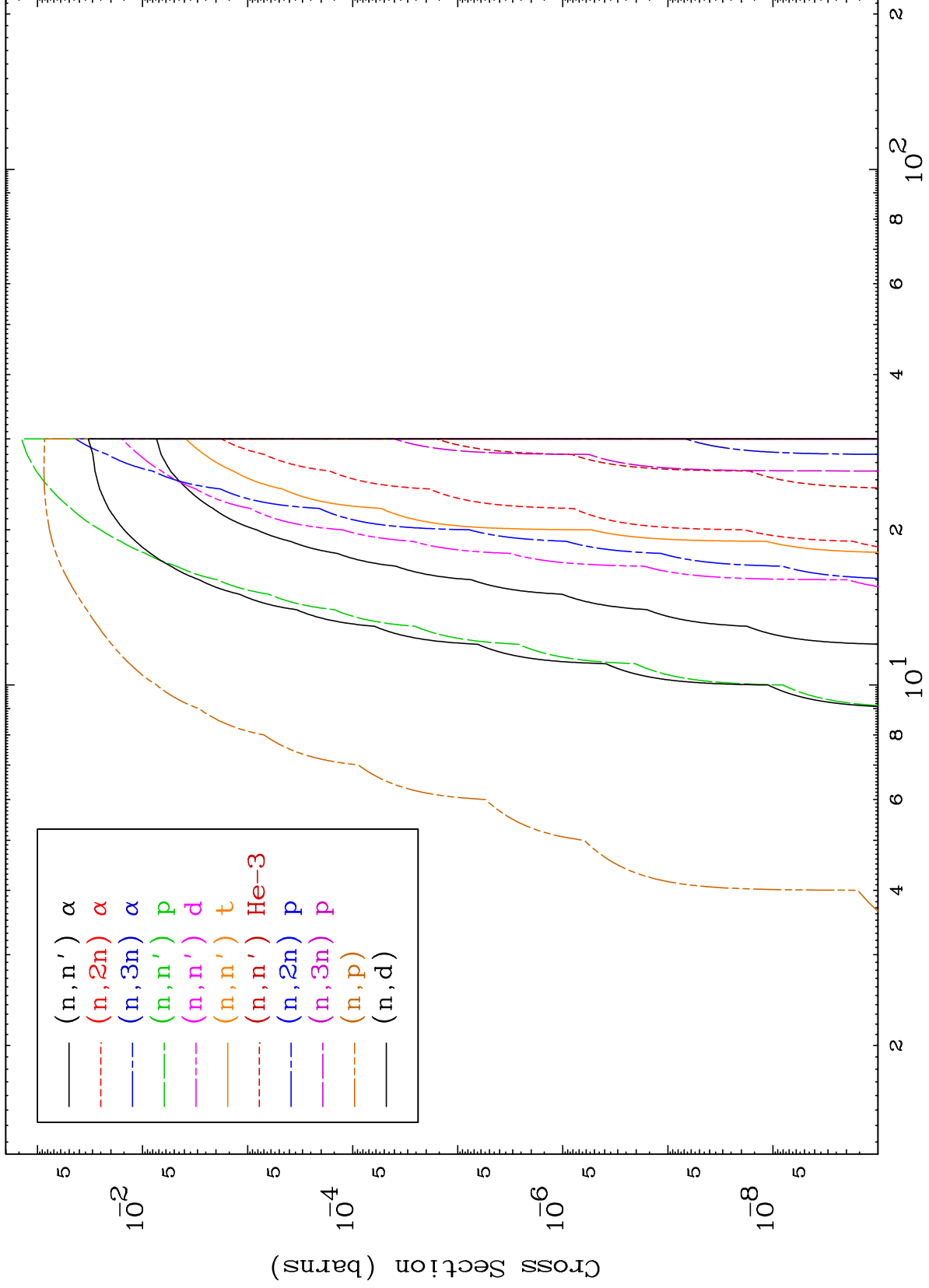


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Proton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-136

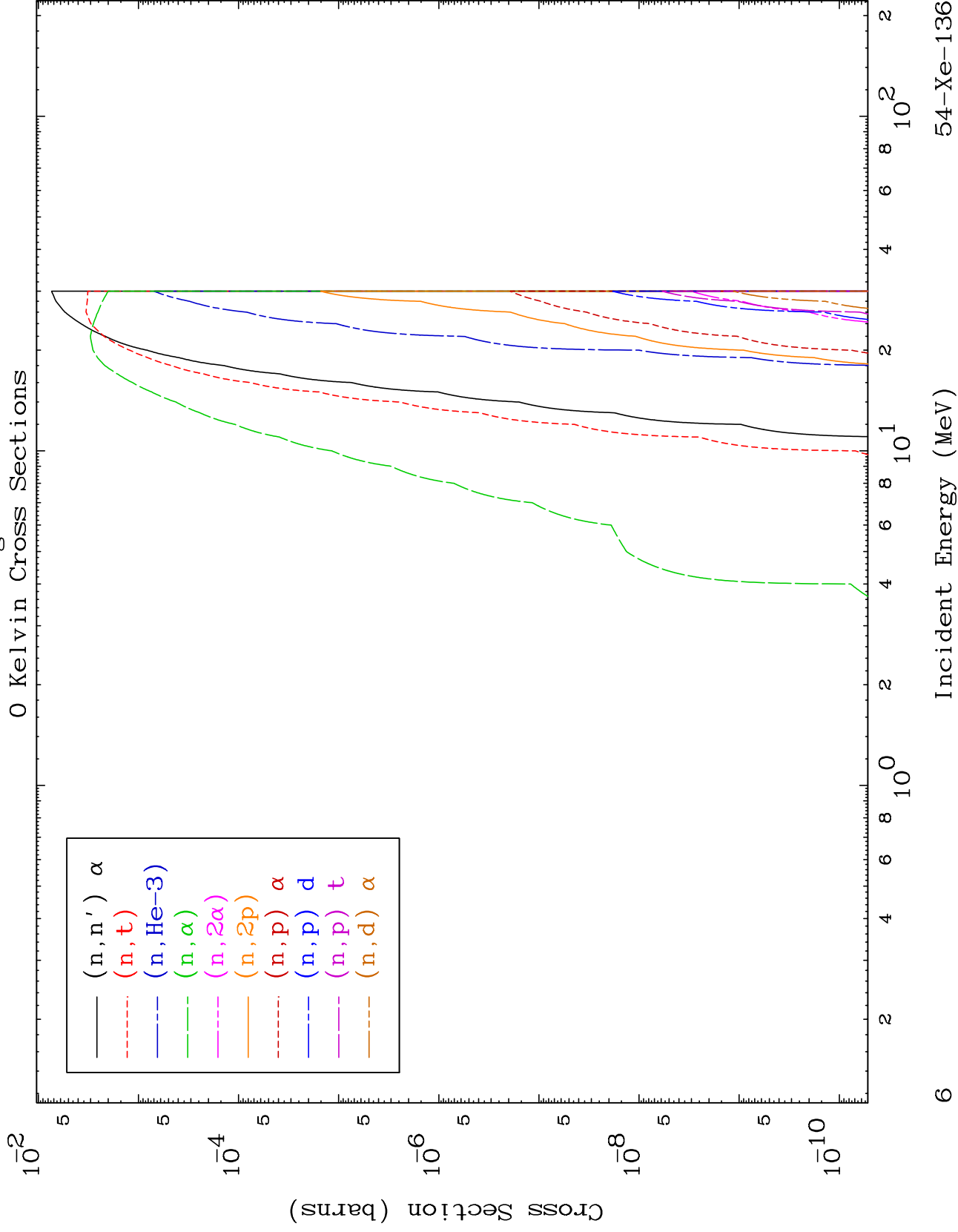




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Proton Charged Particle  
0 Kelvin Cross Sections

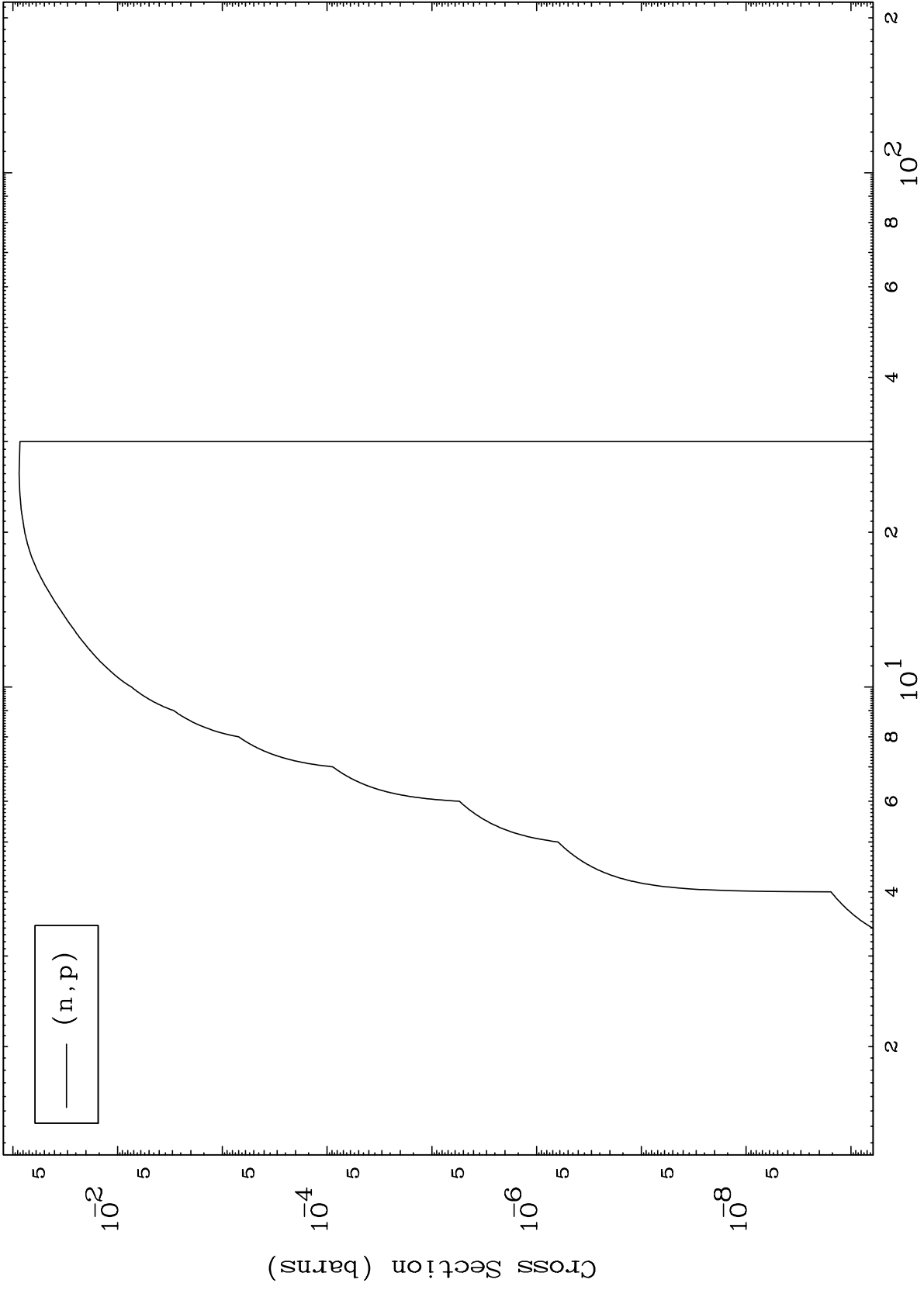
54-Xe-136



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54-Xe-136

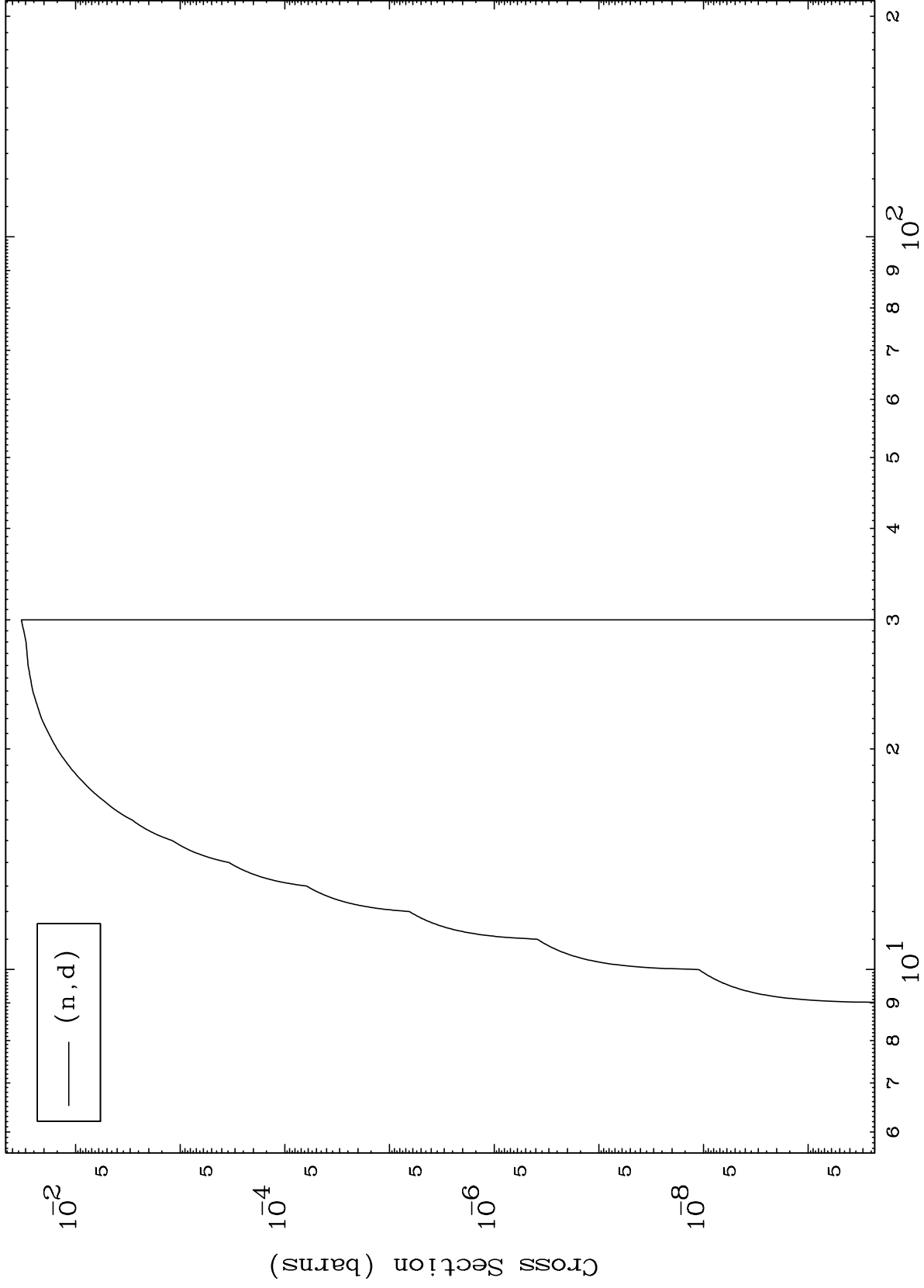
(p,p) Levels  
0 Kelvin Cross Sections



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(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-136



8

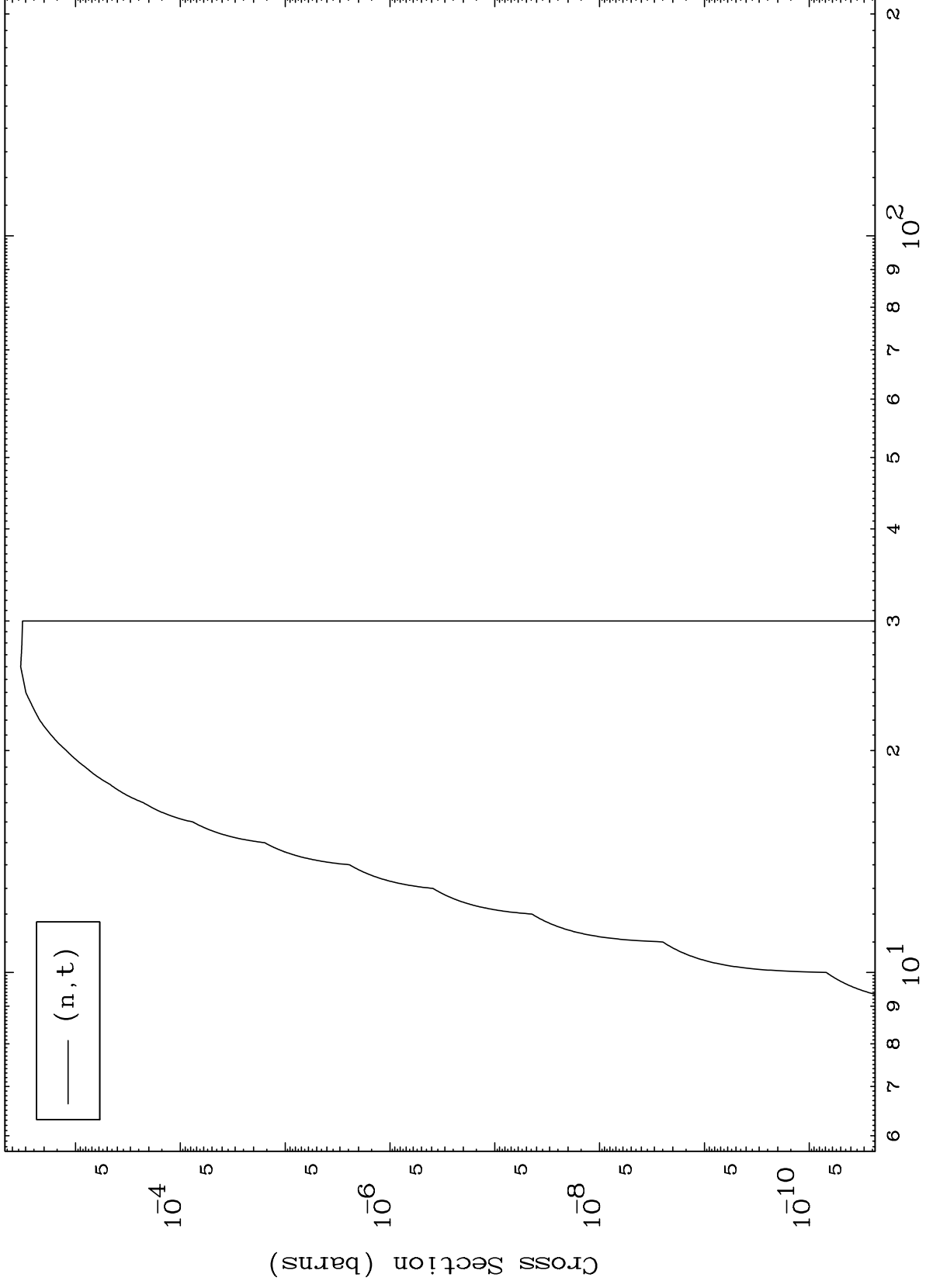
Incident Energy (MeV)

54-Xe-136

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(p, t) Levels  
0 Kelvin Cross Sections

54-Xe-136



9

Incident Energy (MeV)

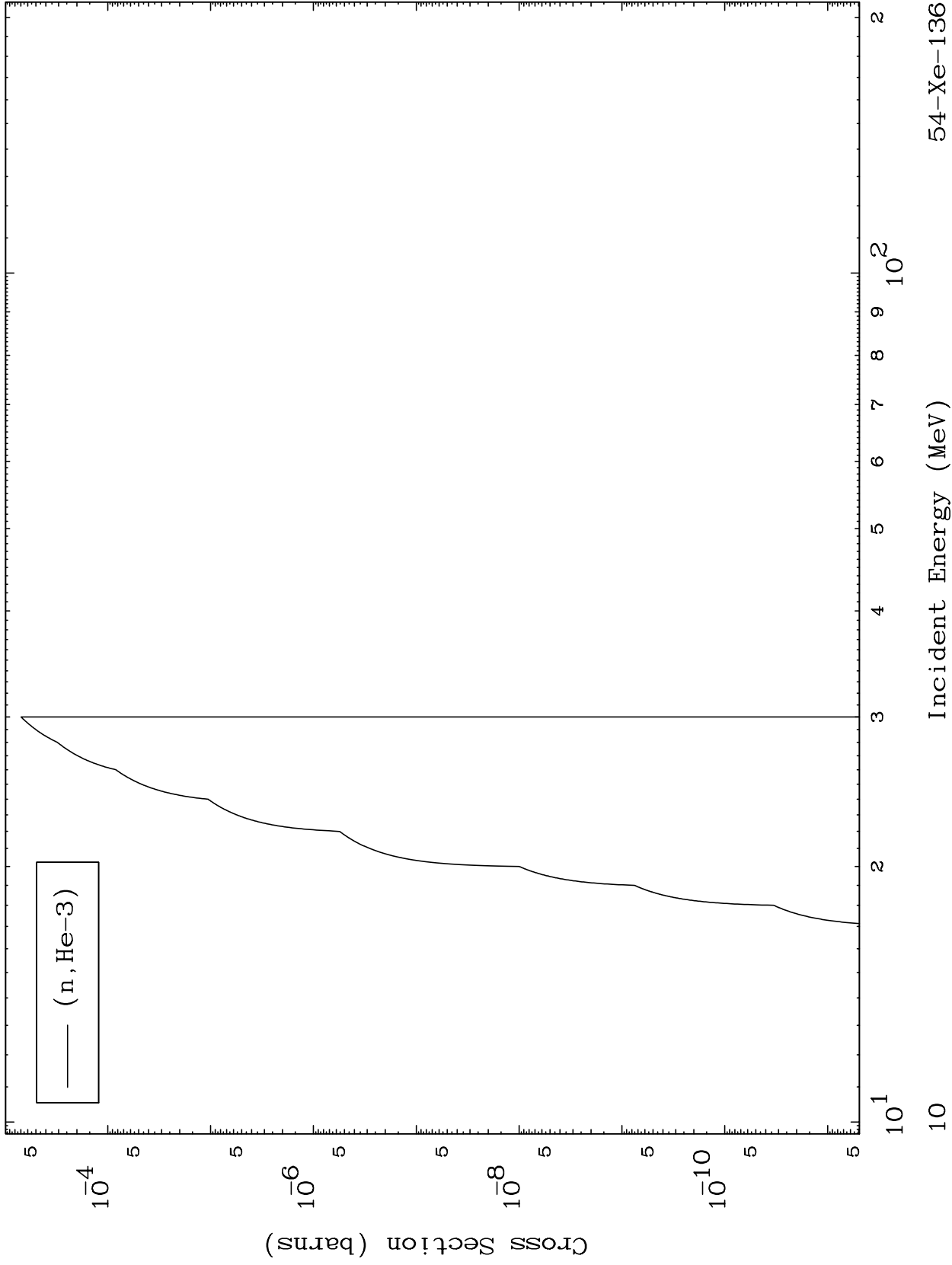
54-Xe-136

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(p,He3) Levels

54-Xe-136

0 Kelvin Cross Sections

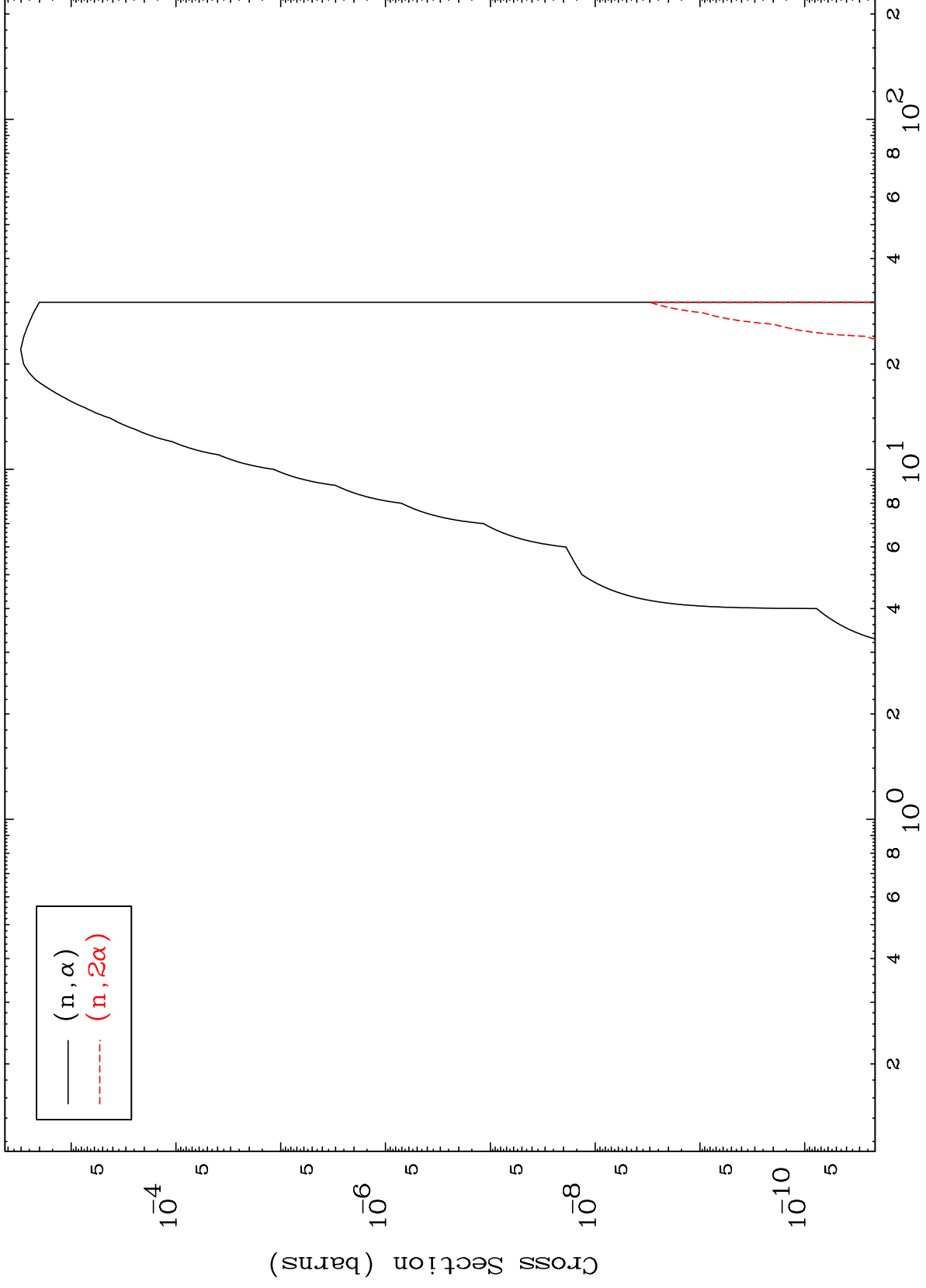


54-Xe-136

MAT 5461

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

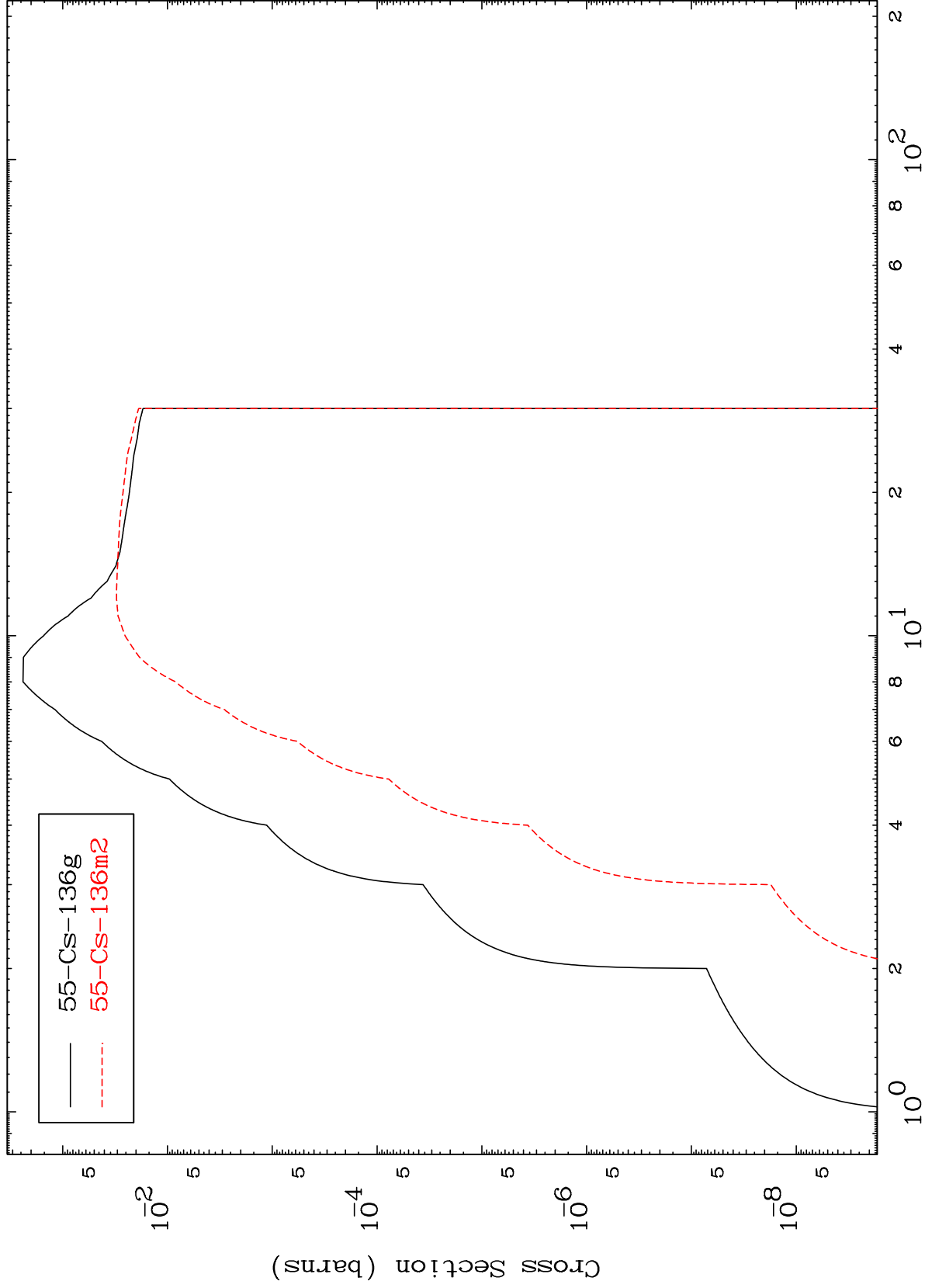
54-Xe-136



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### Radionuclide Production Cross Section

54-Xe-136



12

Incident Energy (MeV)

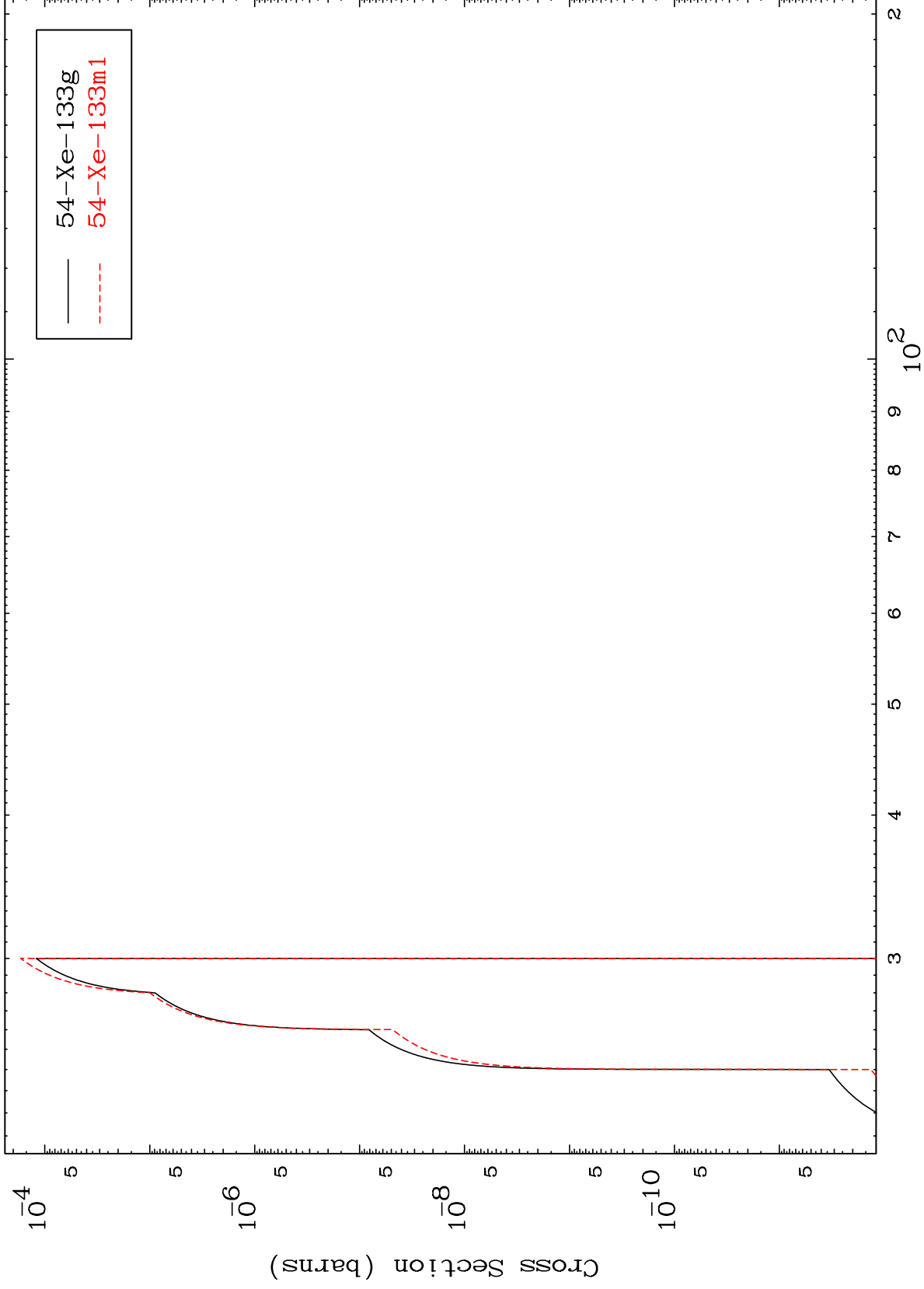
54-Xe-136

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(n,2n) d

54-Xe-136

Radionuclide Production Cross Section



13

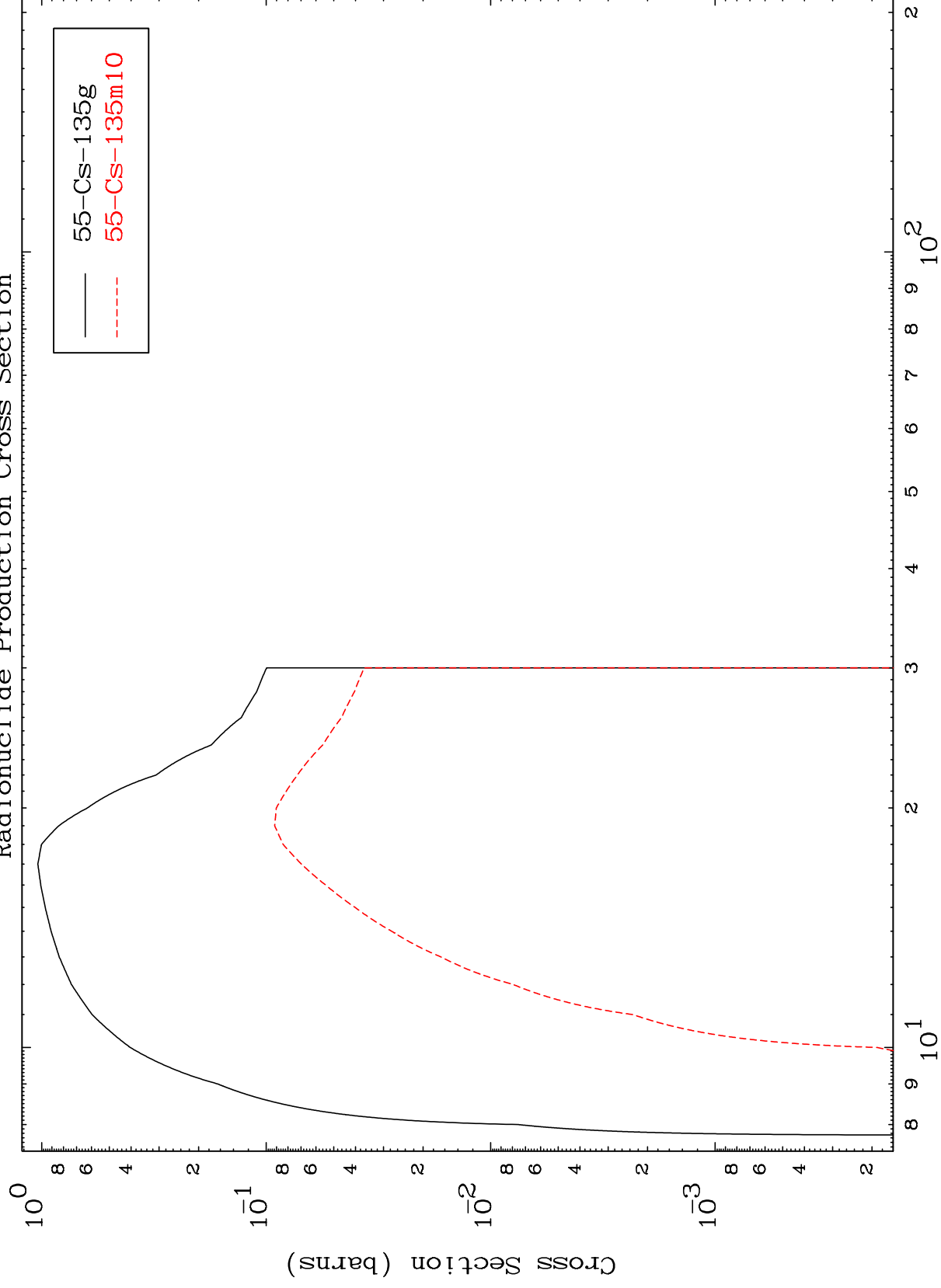
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

(n,2n)  
Radionuclide Production Cross Section



54-Xe-136

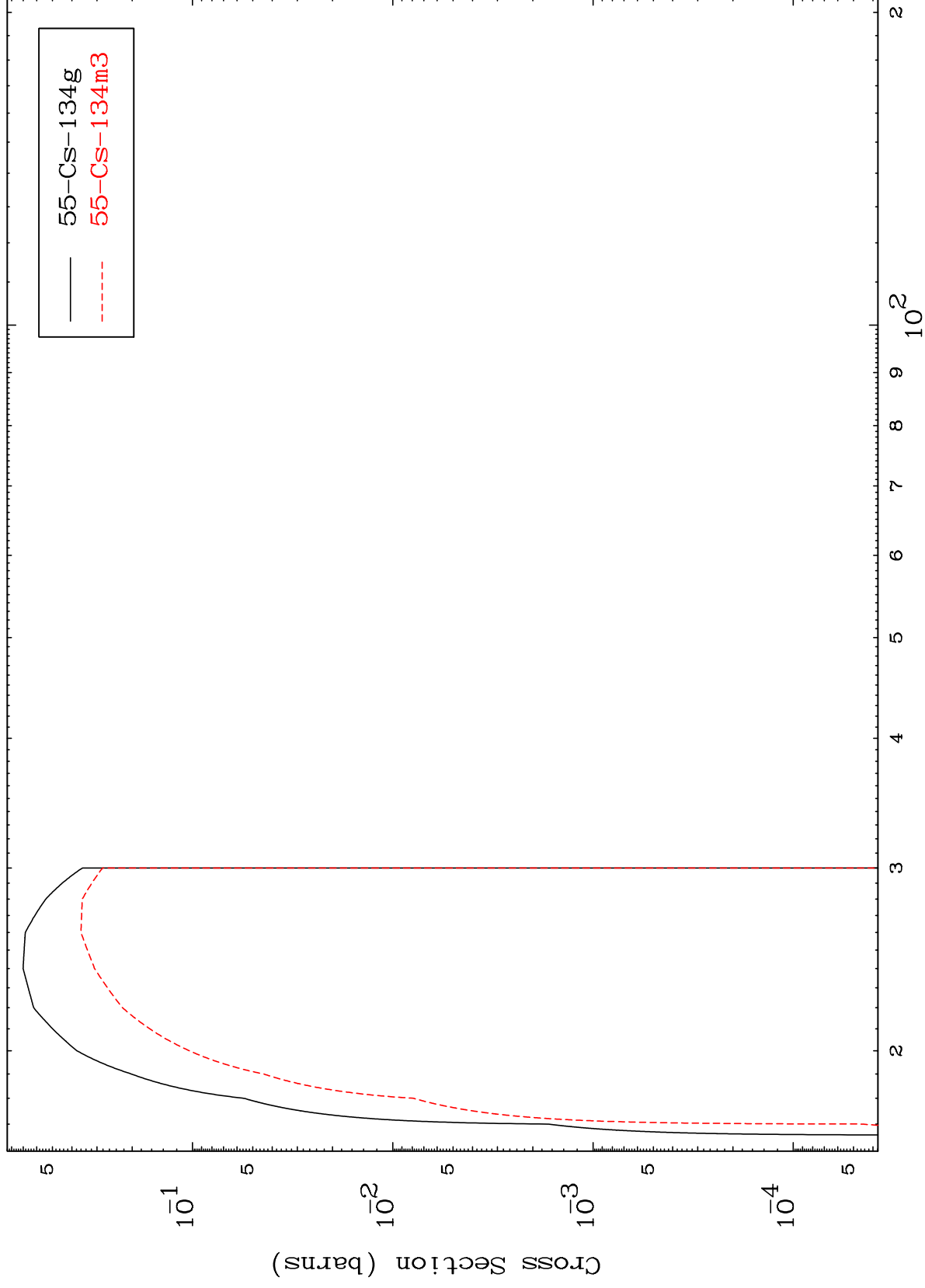
Incident Energy (MeV)

14

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54-Xe-136

(n,3n)  
Radionuclide Production Cross Section



54-Xe-136

Incident Energy (MeV)

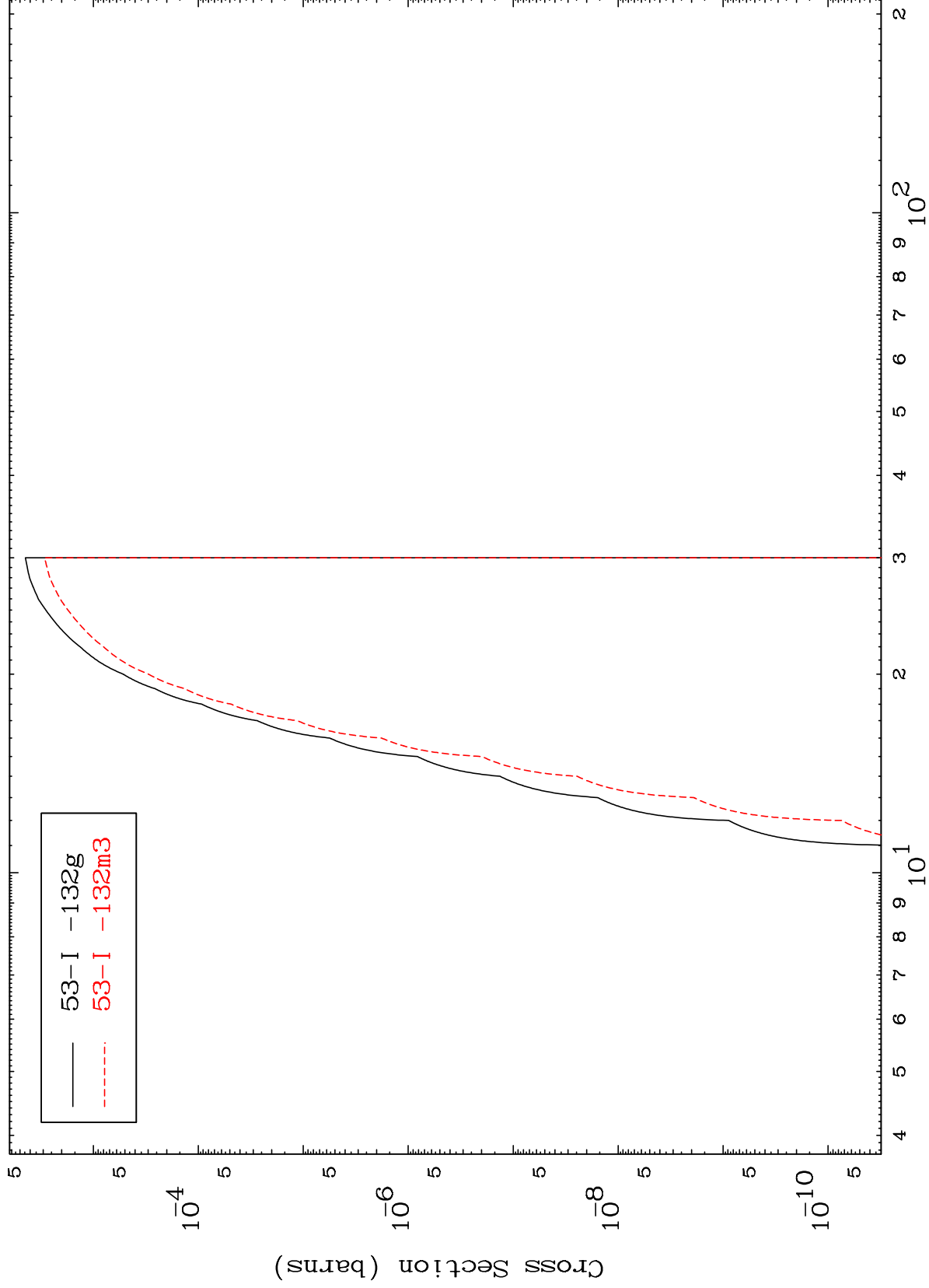
15

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(n,n')  $\alpha$

54-Xe-136

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-136

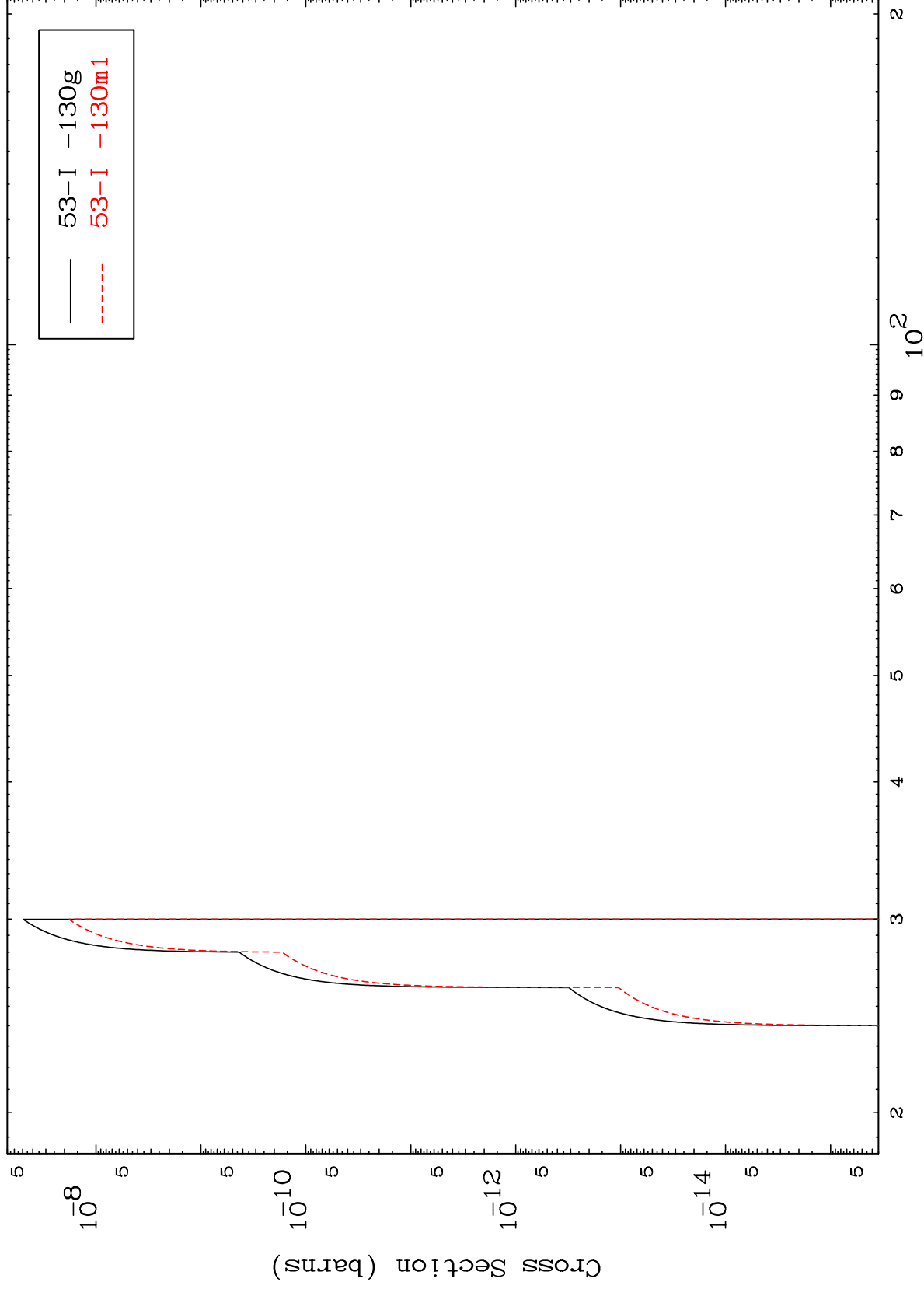
16

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(n,3n)  $\alpha$

54-Xe-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

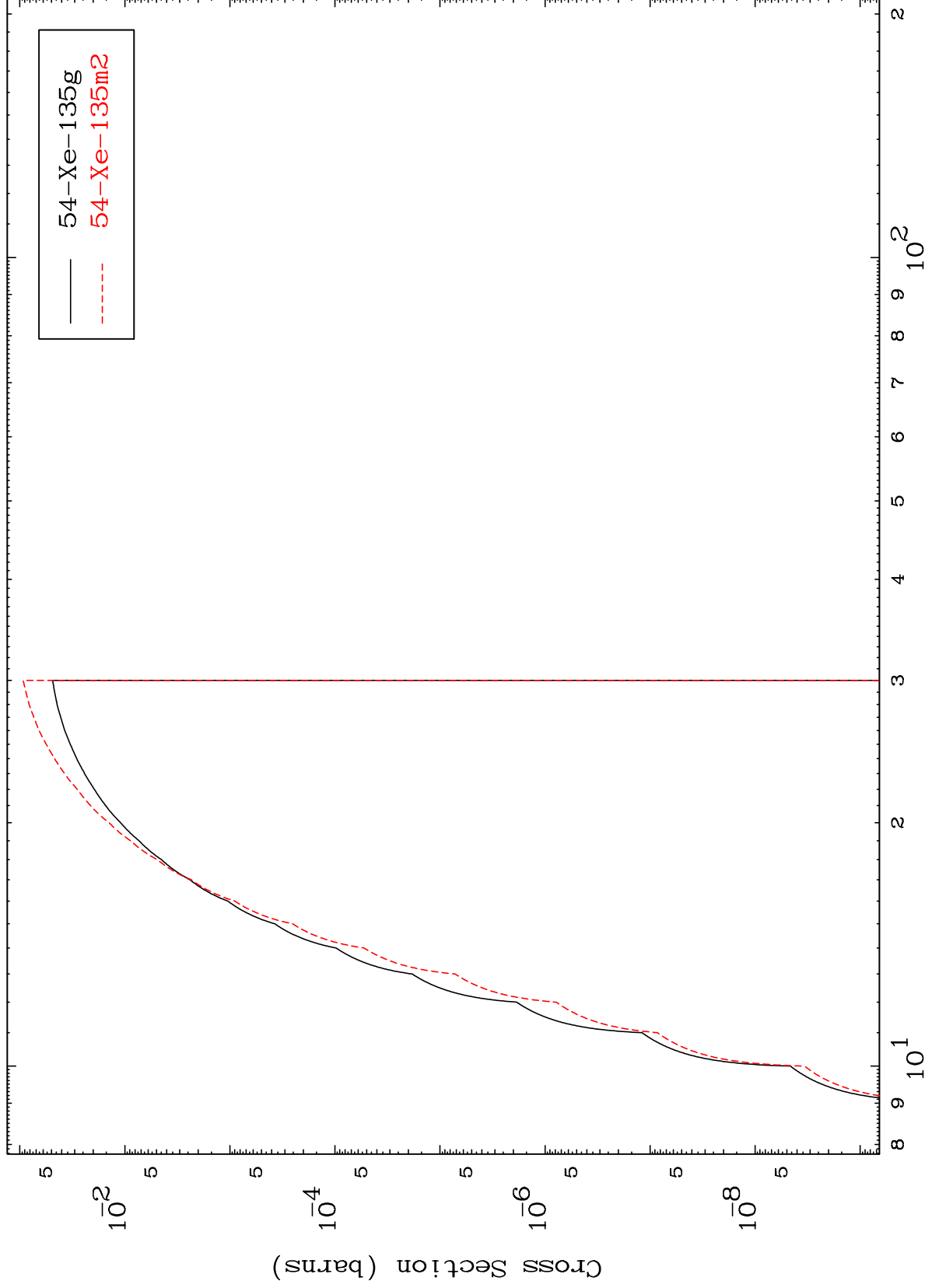
54-Xe-136

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(n,n') p

54-Xe-136

Radionuclide Production Cross Section



18

Incident Energy (MeV)

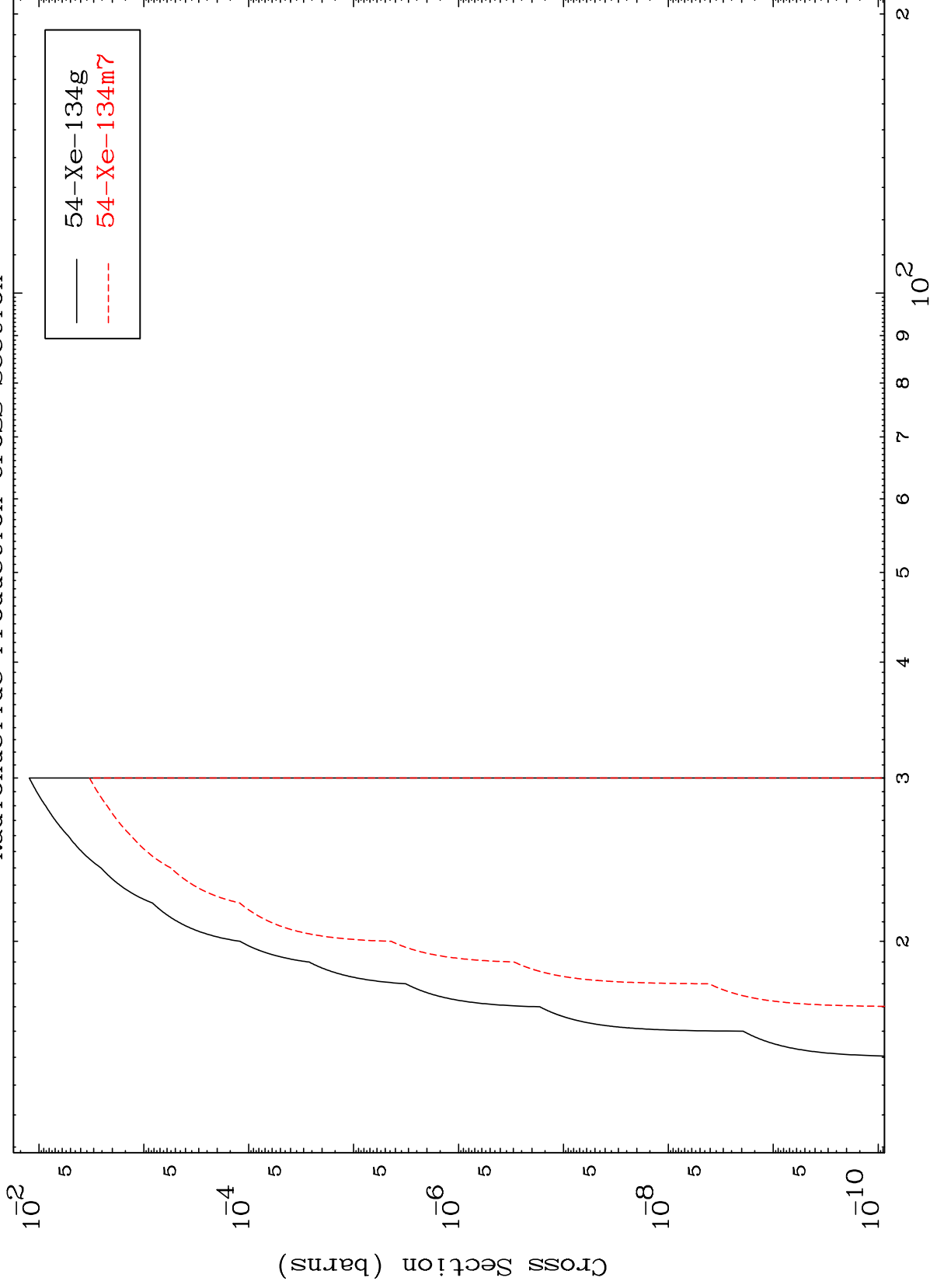
54-Xe-136

MAT 5461

(n,n') d

54-Xe-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

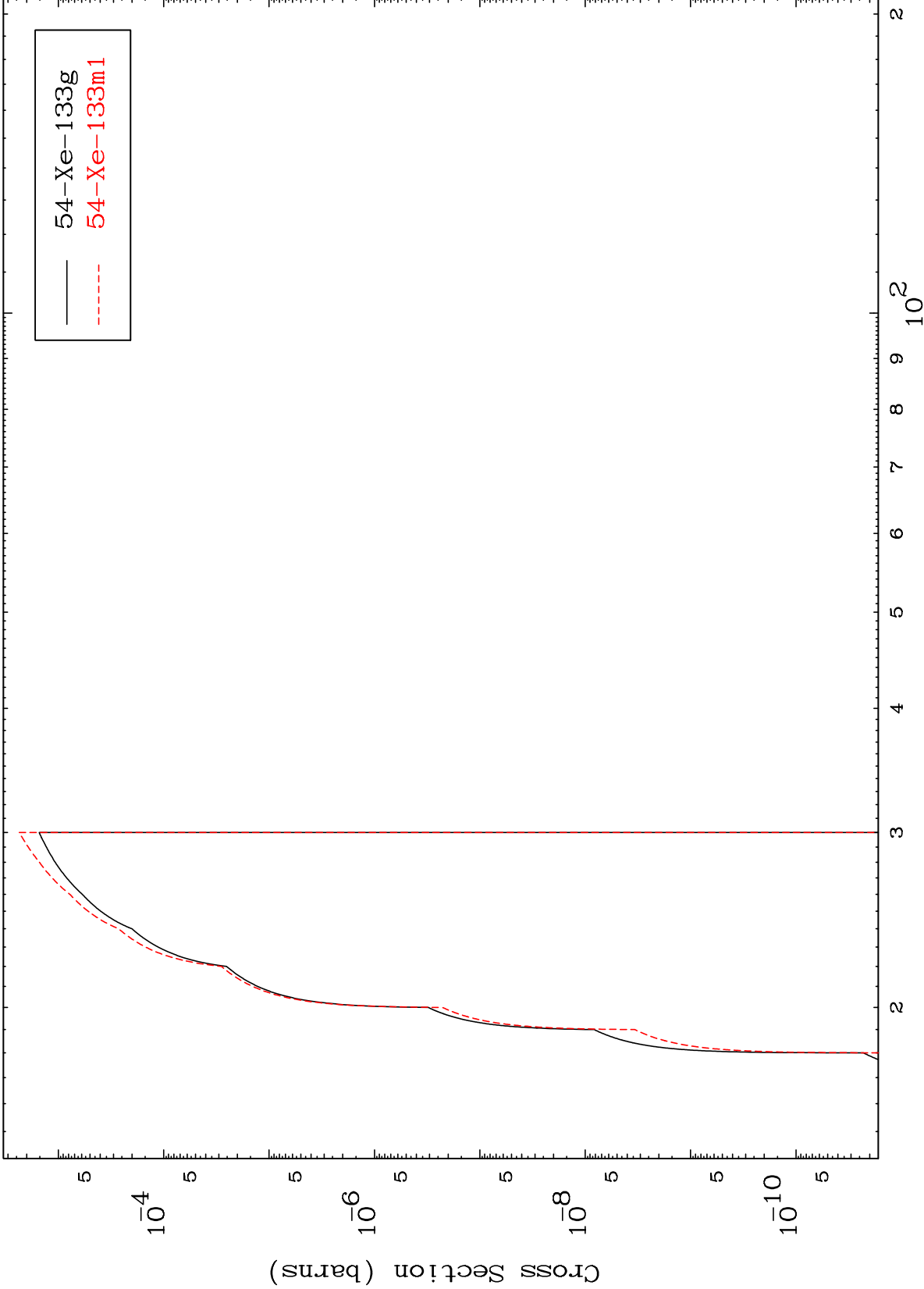
54-Xe-136

MAT 5461

(n,n') t

54-Xe-136

Radionuclide Production Cross Section

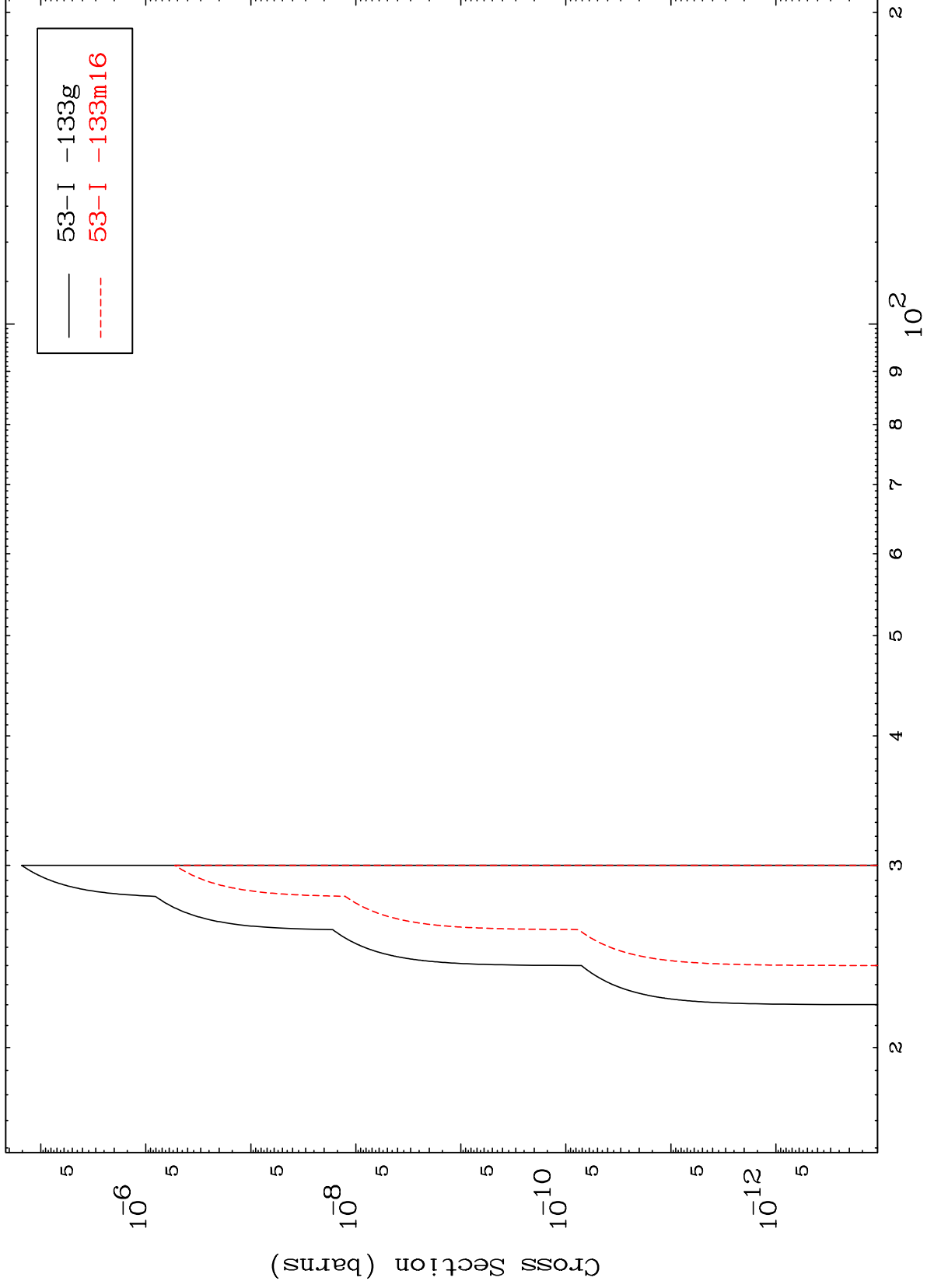


20

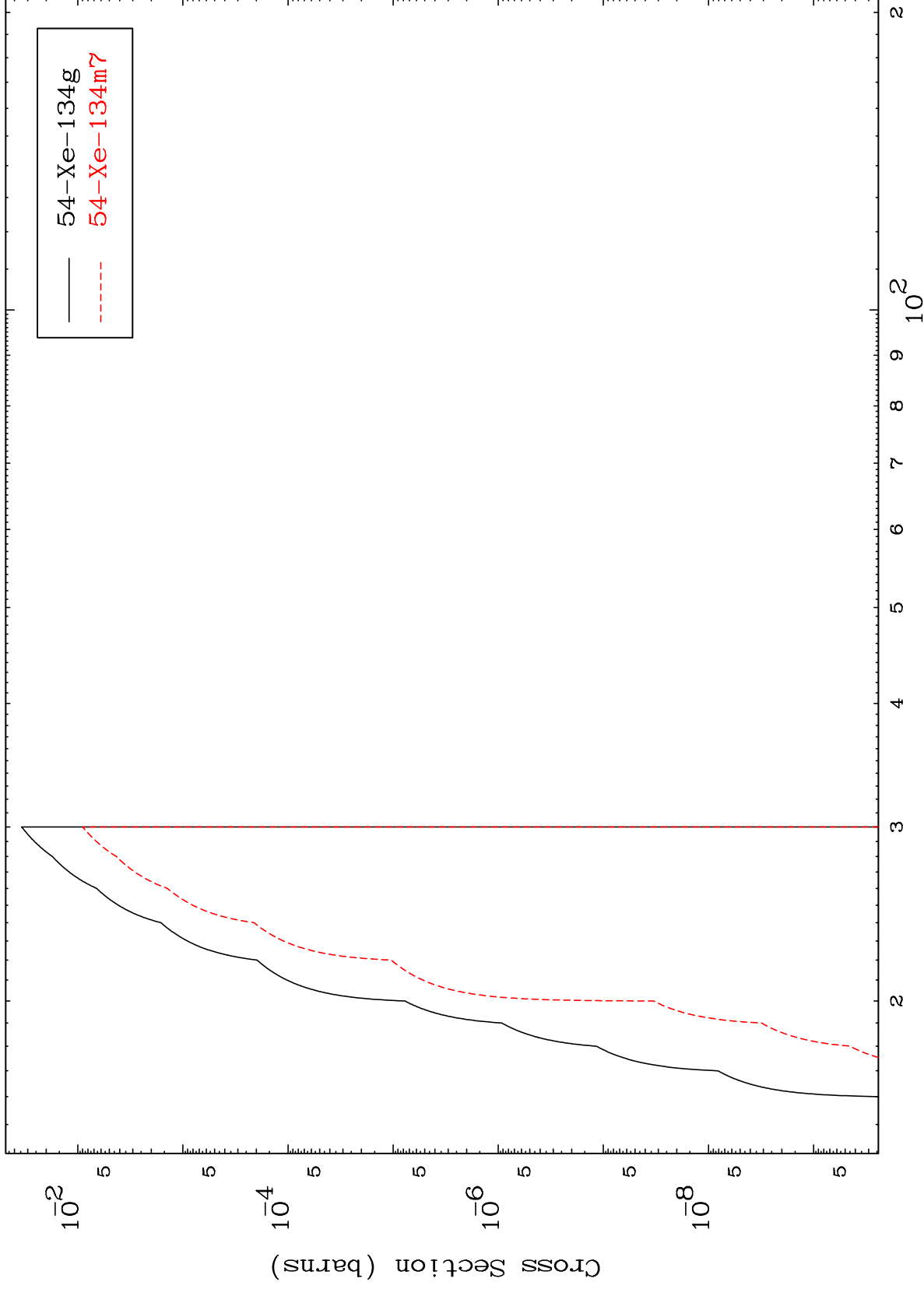
Incident Energy (MeV)

54-Xe-136

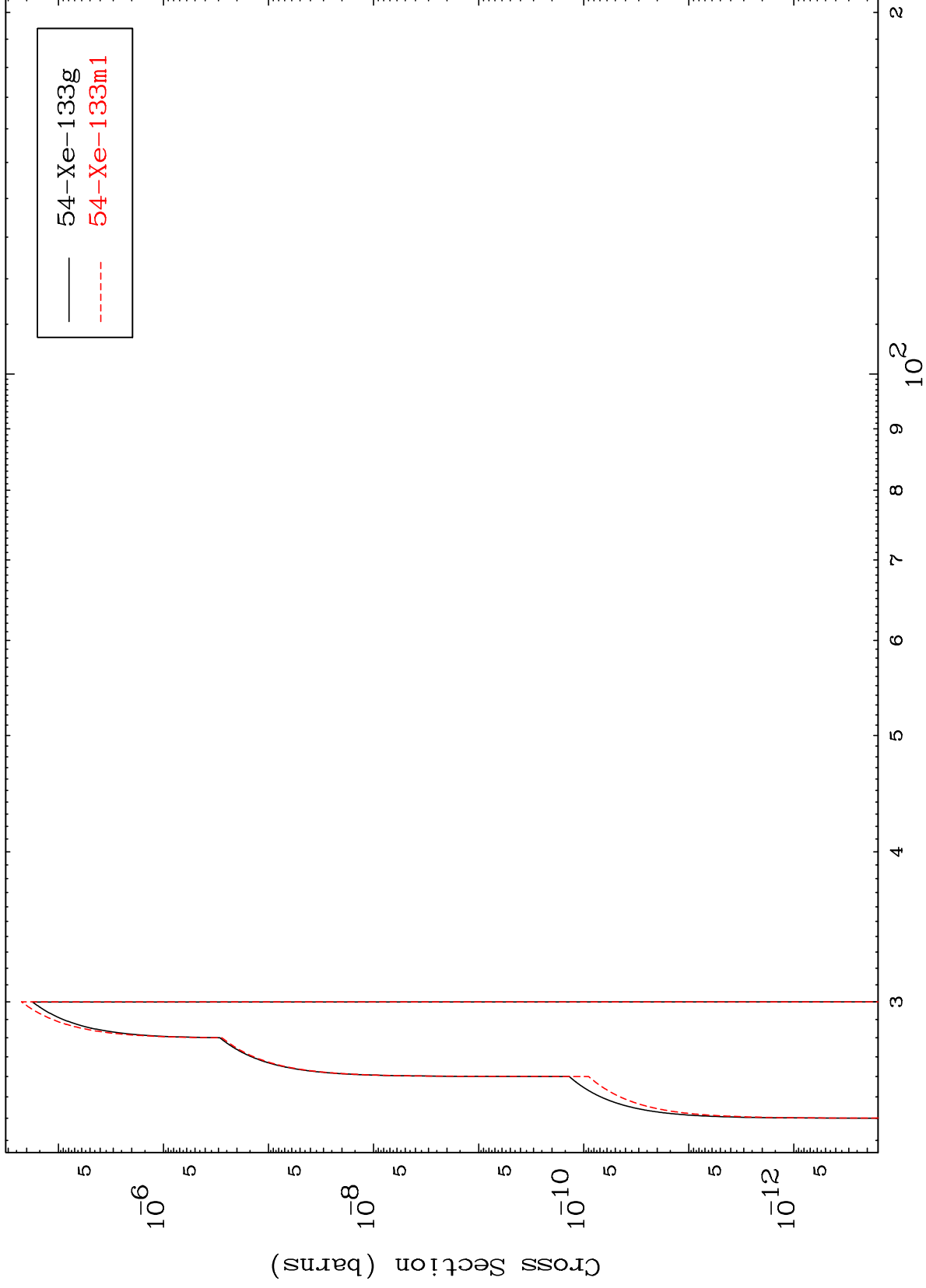
Radionuclide Production Cross Section



(n,2n) p  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



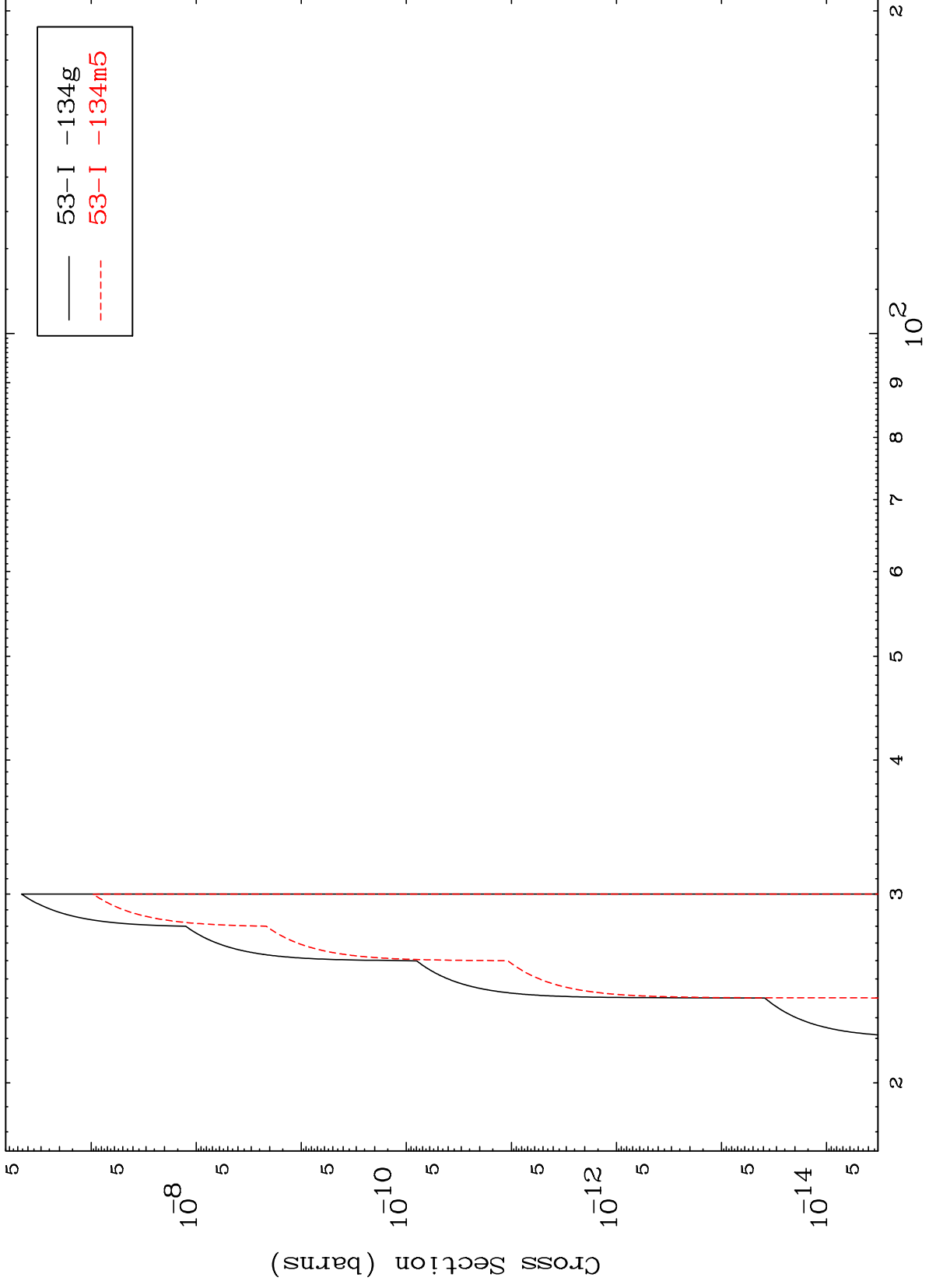
54-Xe-133g  
54-Xe-133m1

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(n,2n) p

54-Xe-136

Radionuclide Production Cross Section



24

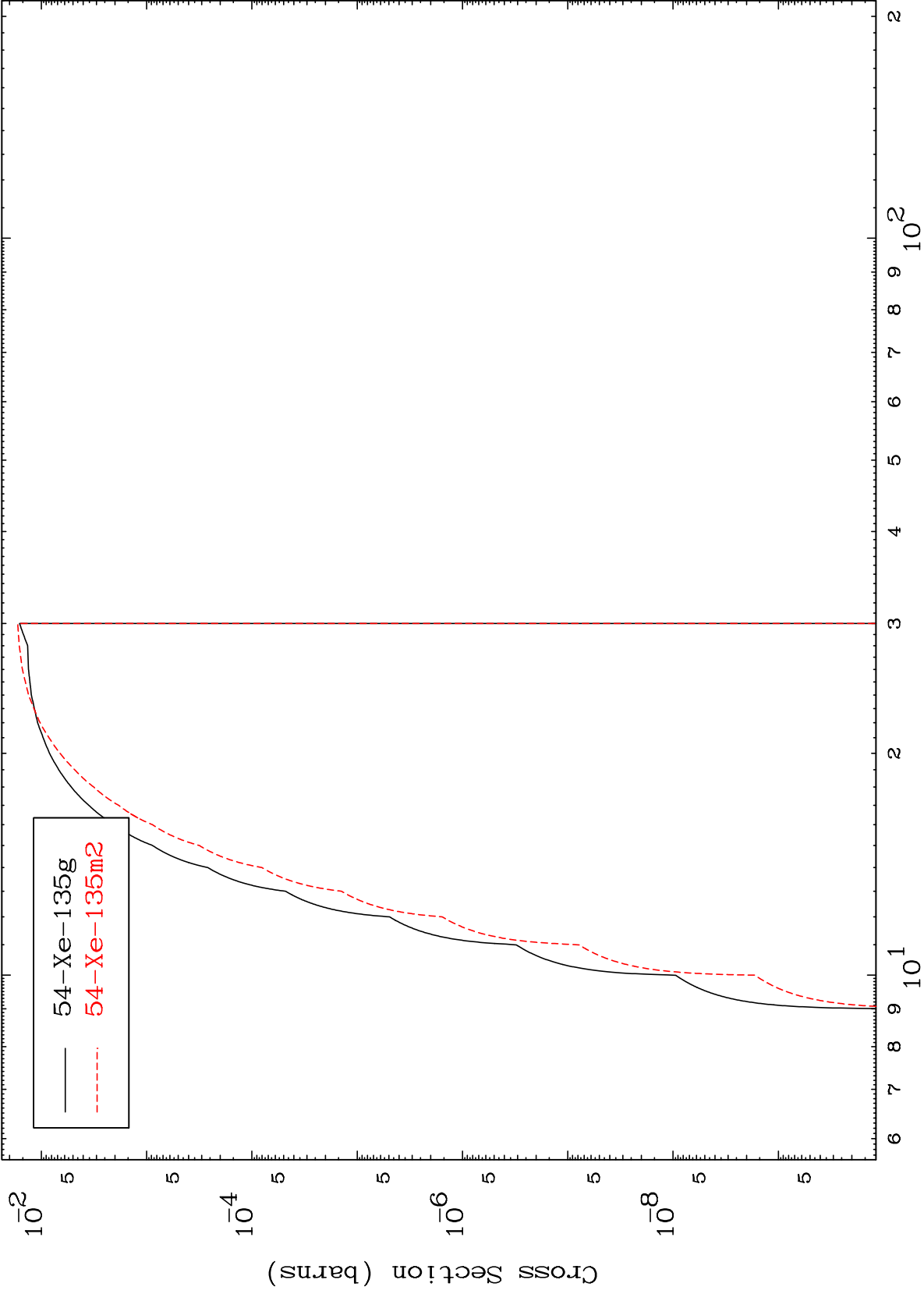
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

(n,d)  
Radionuclide Production Cross Section



25

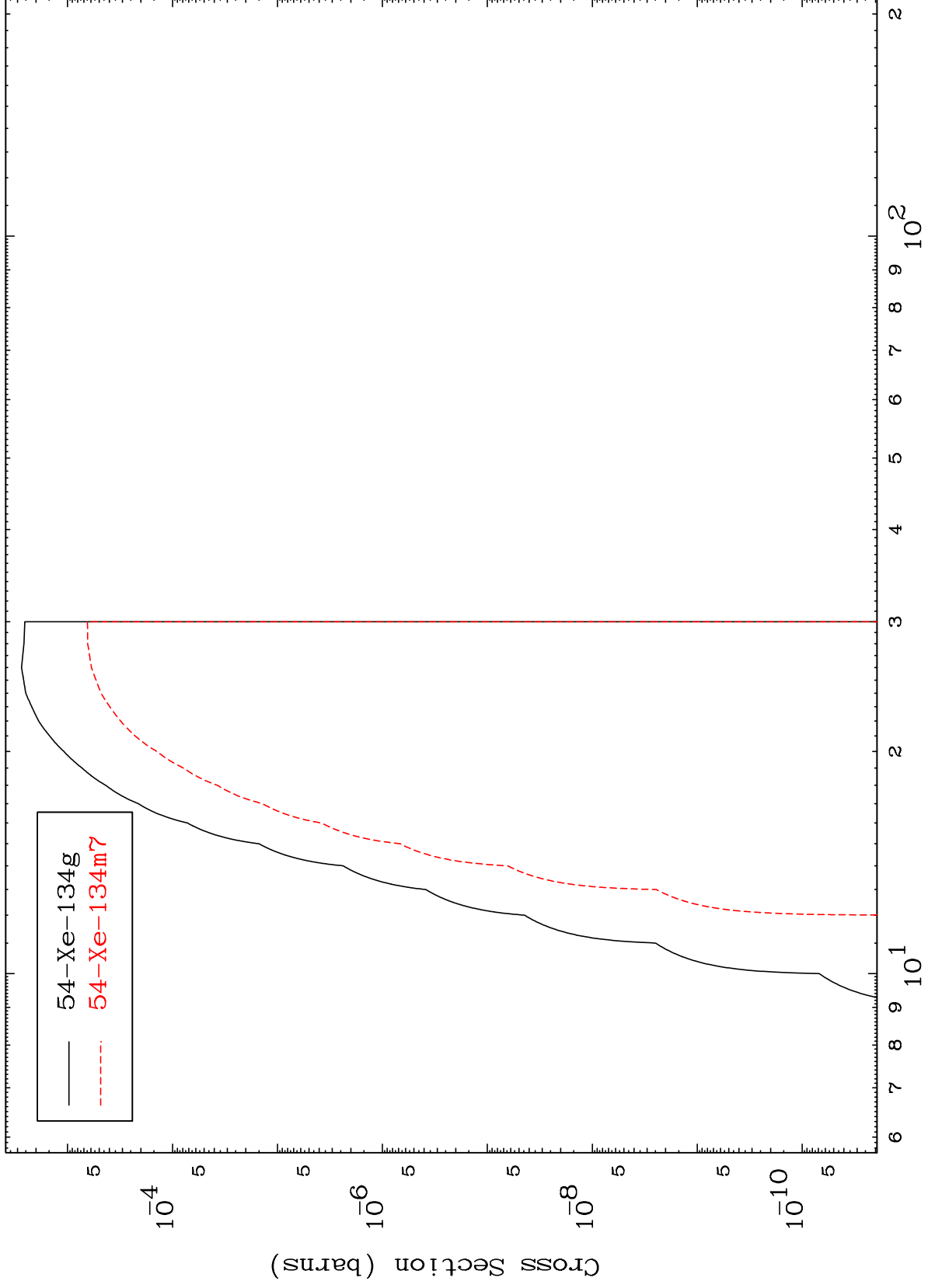
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

(n,t)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

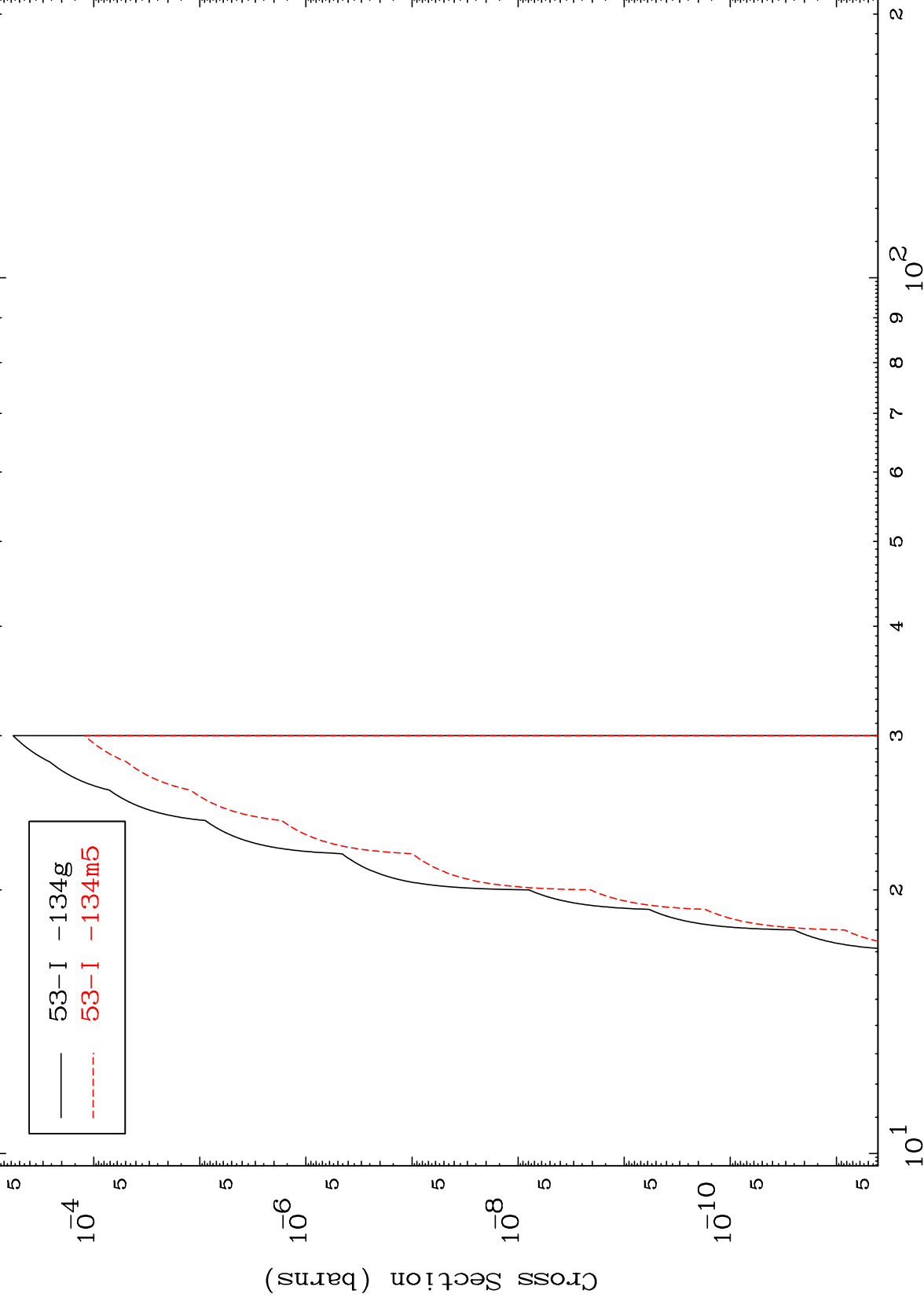
54-Xe-136

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(n,He-3)

54-Xe-136

Radionuclide Production Cross Section



53-I-134g  
53-I-134m5

Incident Energy (MeV)

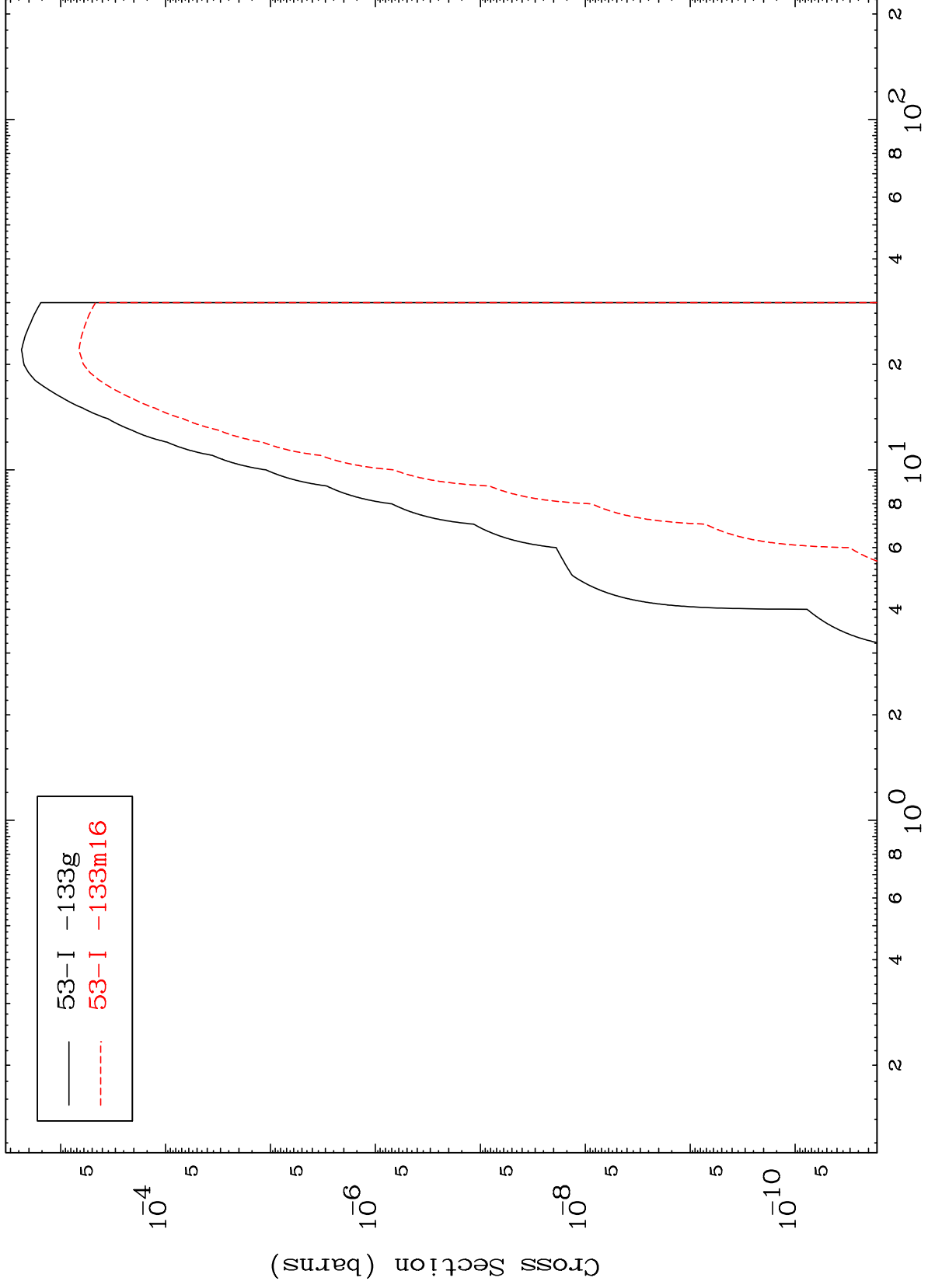
54-Xe-136

27

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54-Xe-136

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

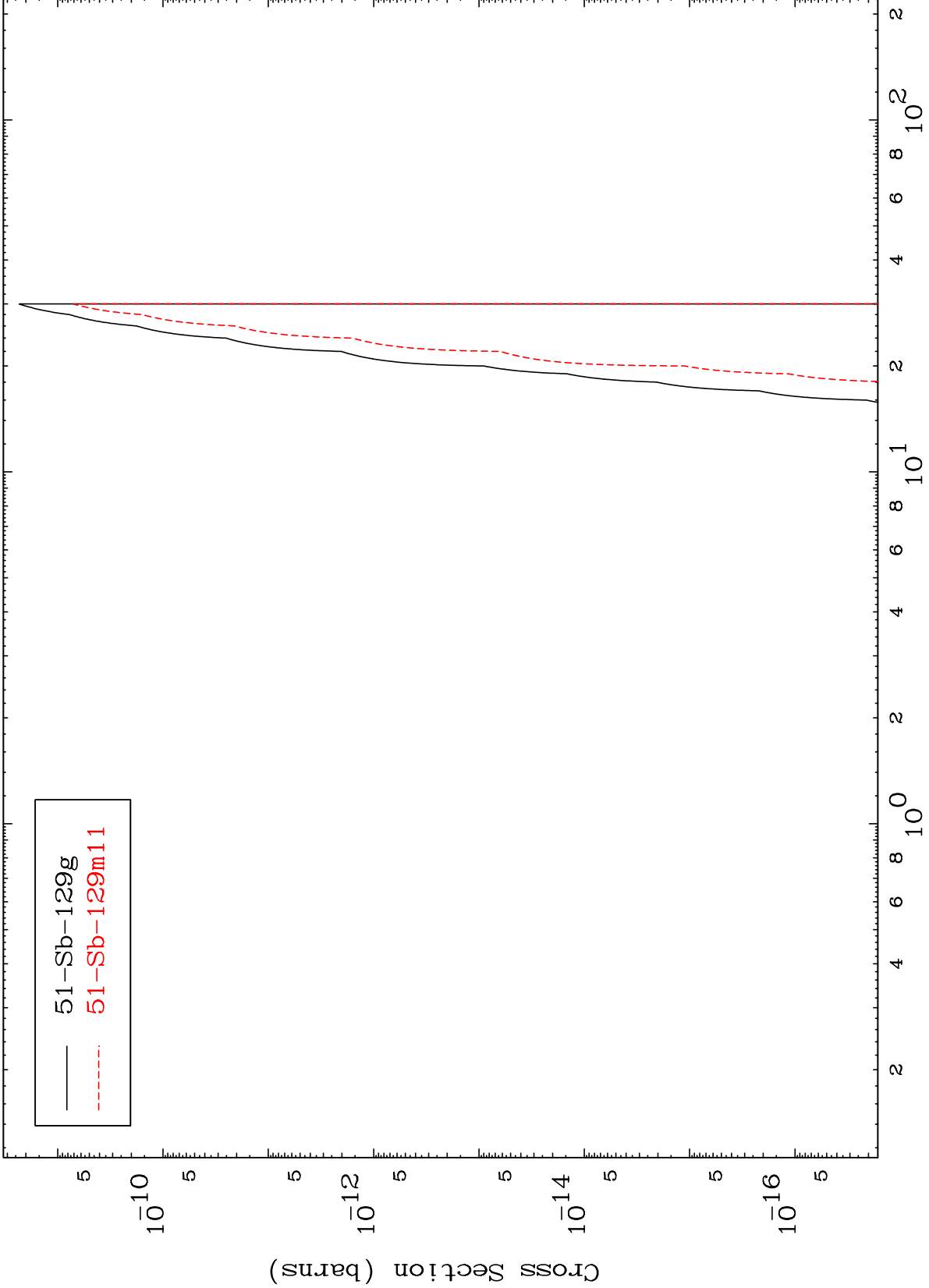
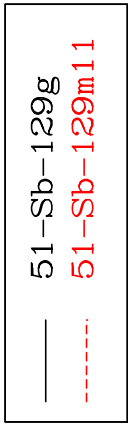


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(n,2α)

54-Xe-136

Radionuclide Production Cross Section

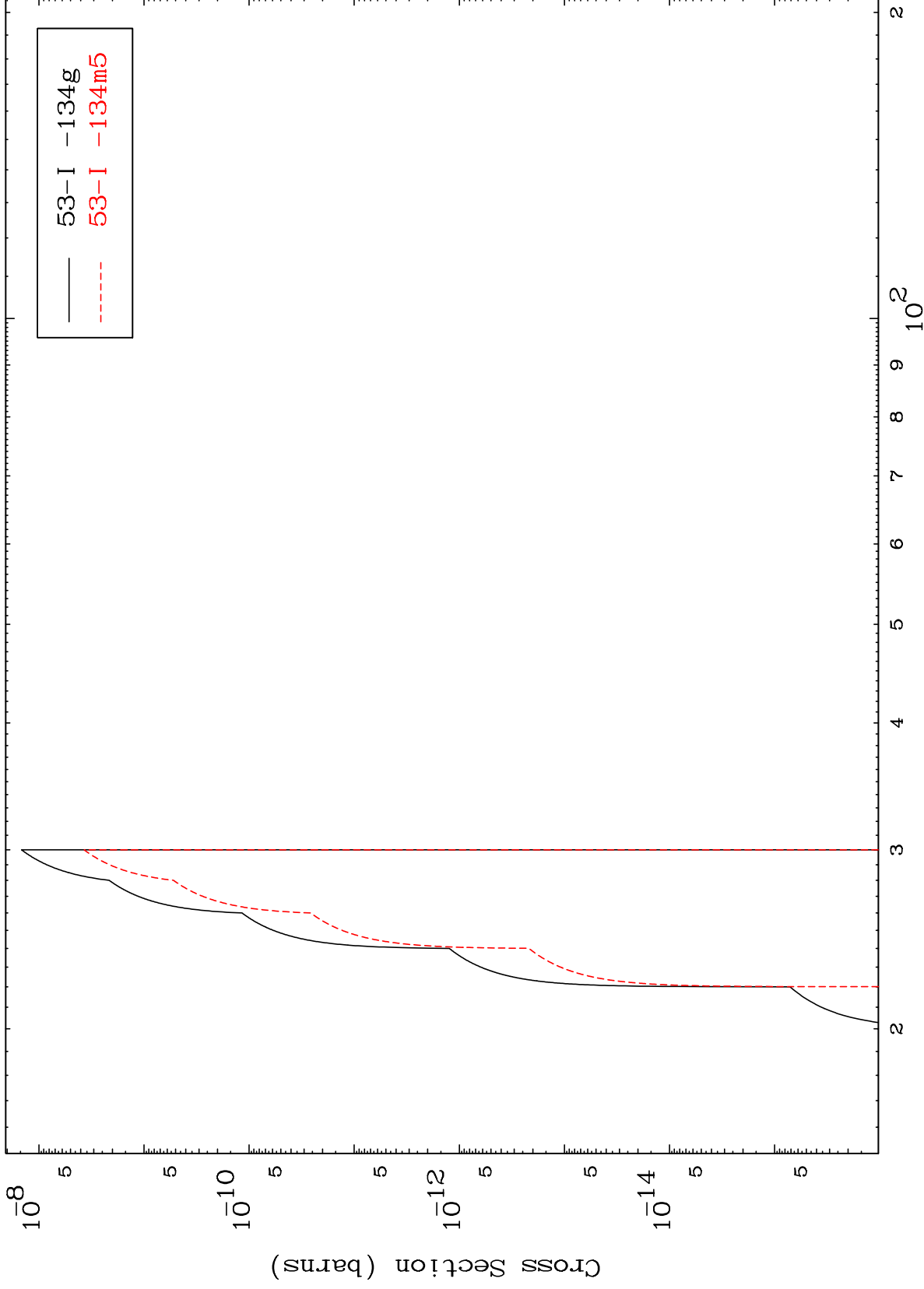


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(n,p) d

54-Xe-136

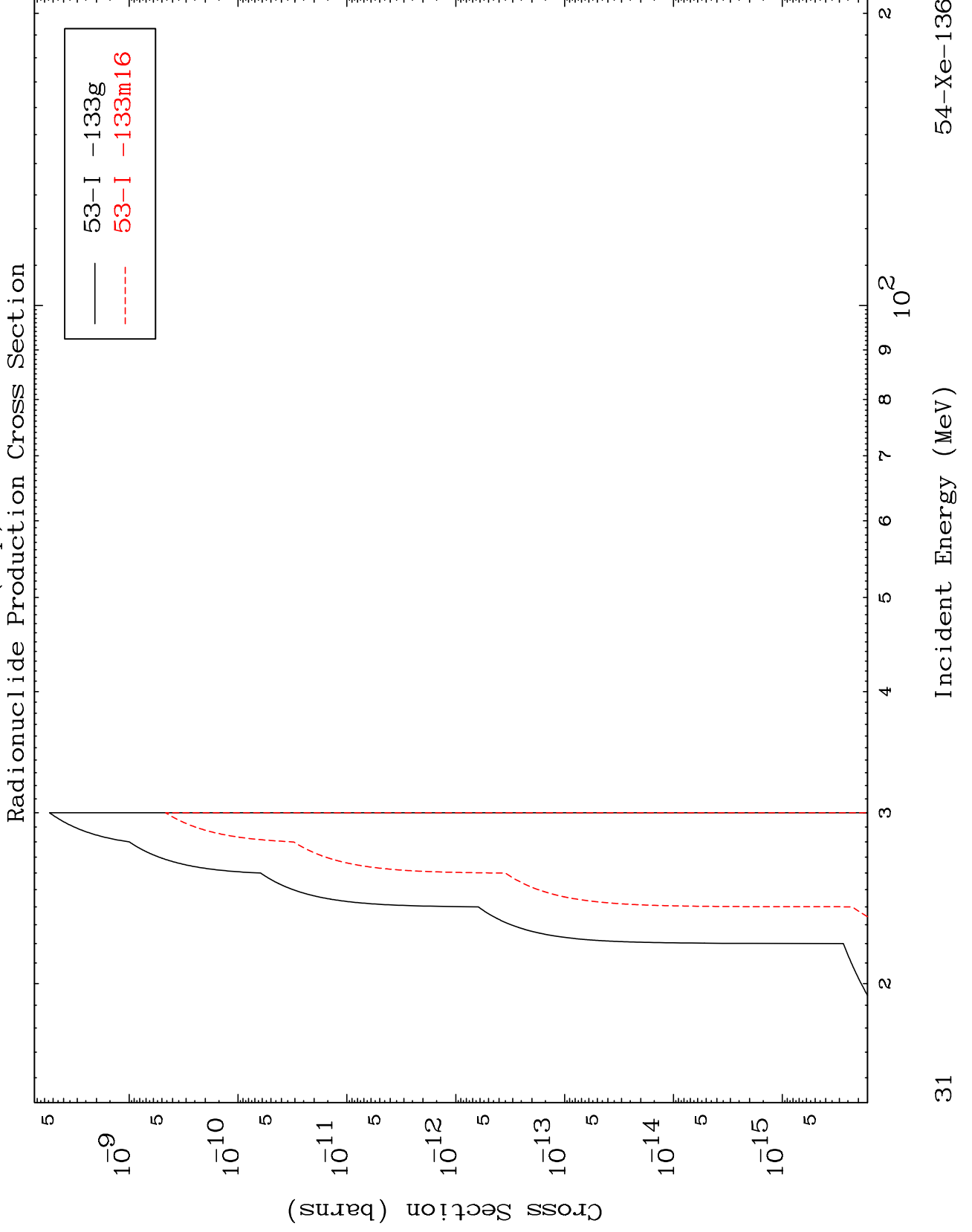
Radionuclide Production Cross Section



30

Incident Energy (MeV)

54-Xe-136

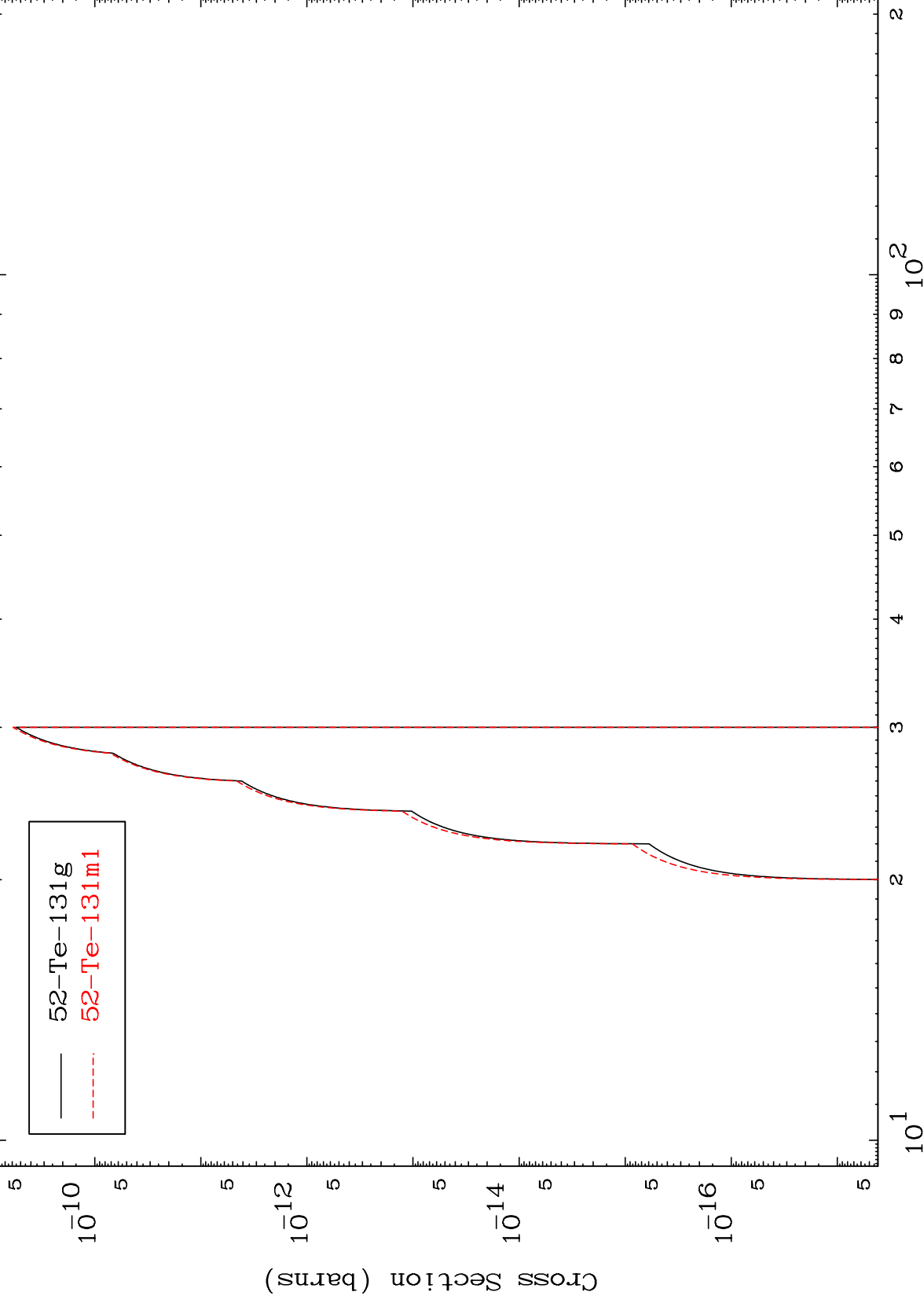


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(n,d)  $\alpha$

54-Xe-136

Radionuclide Production Cross Section



32

Incident Energy (MeV)

54-Xe-136