

Program EVALPLOT  
(Version 2015-2)

by

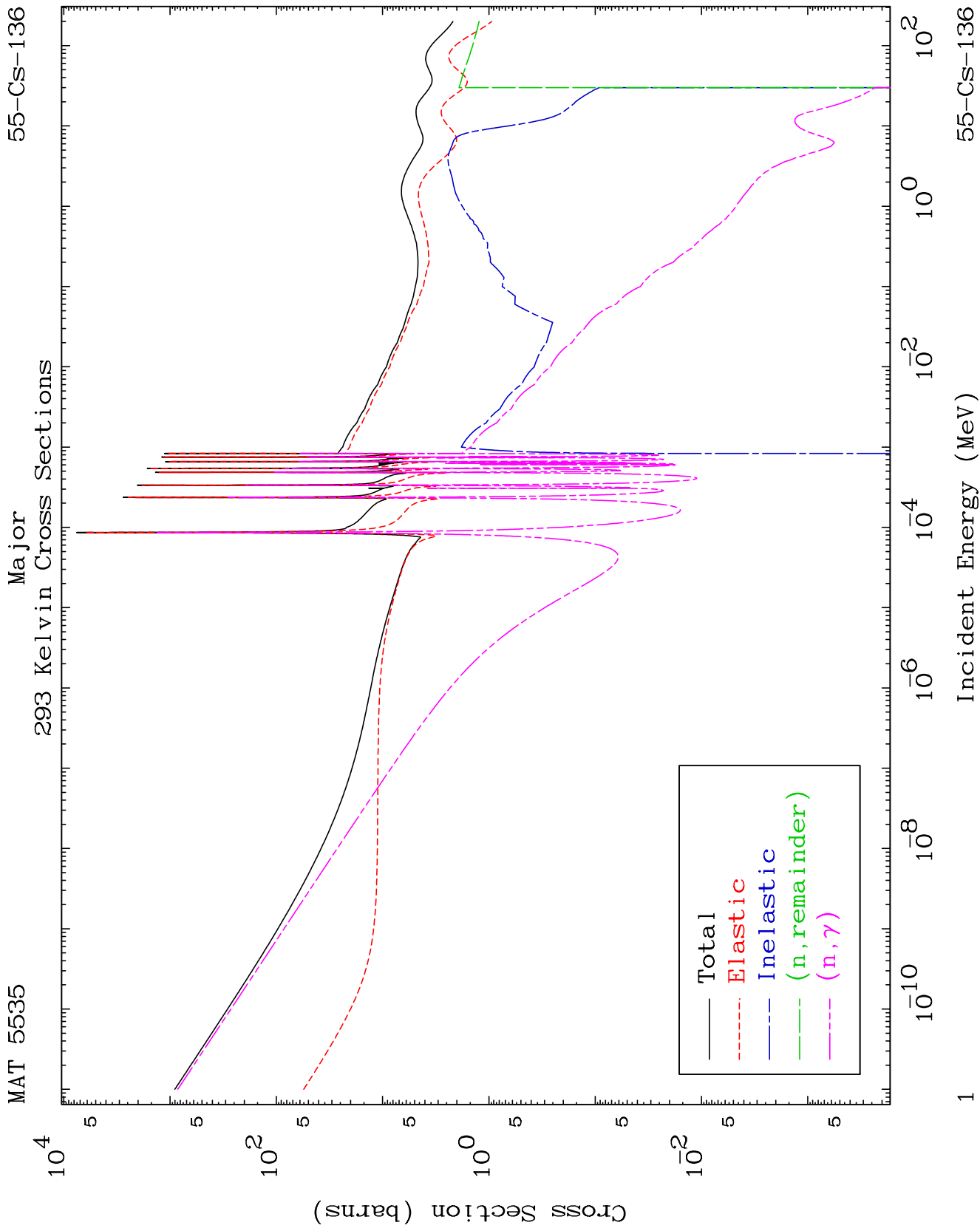
Dermott E. Cullen  
(Present Contact Information)

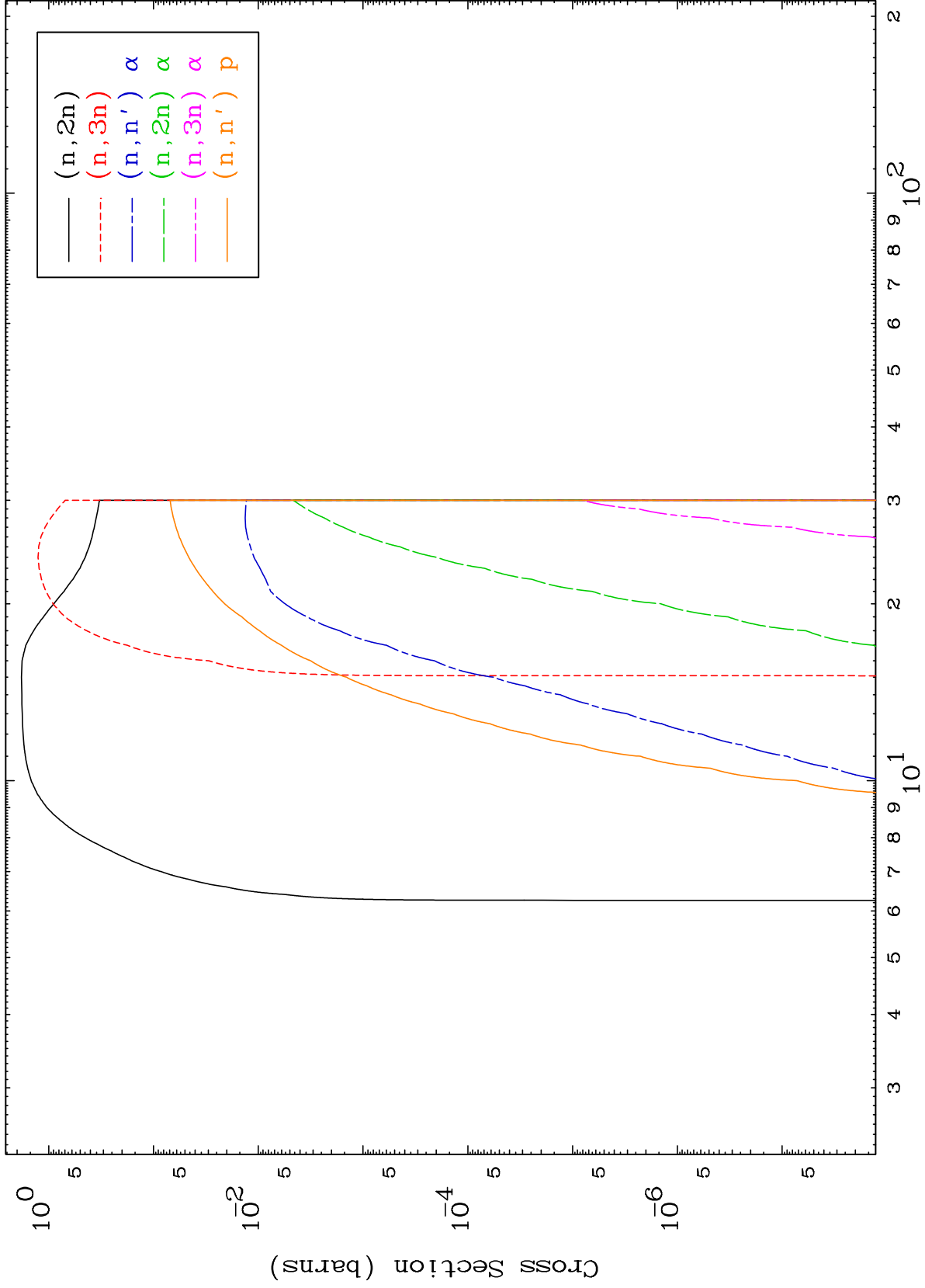
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1466 Hudson Way  
Livermore, CA 94550  
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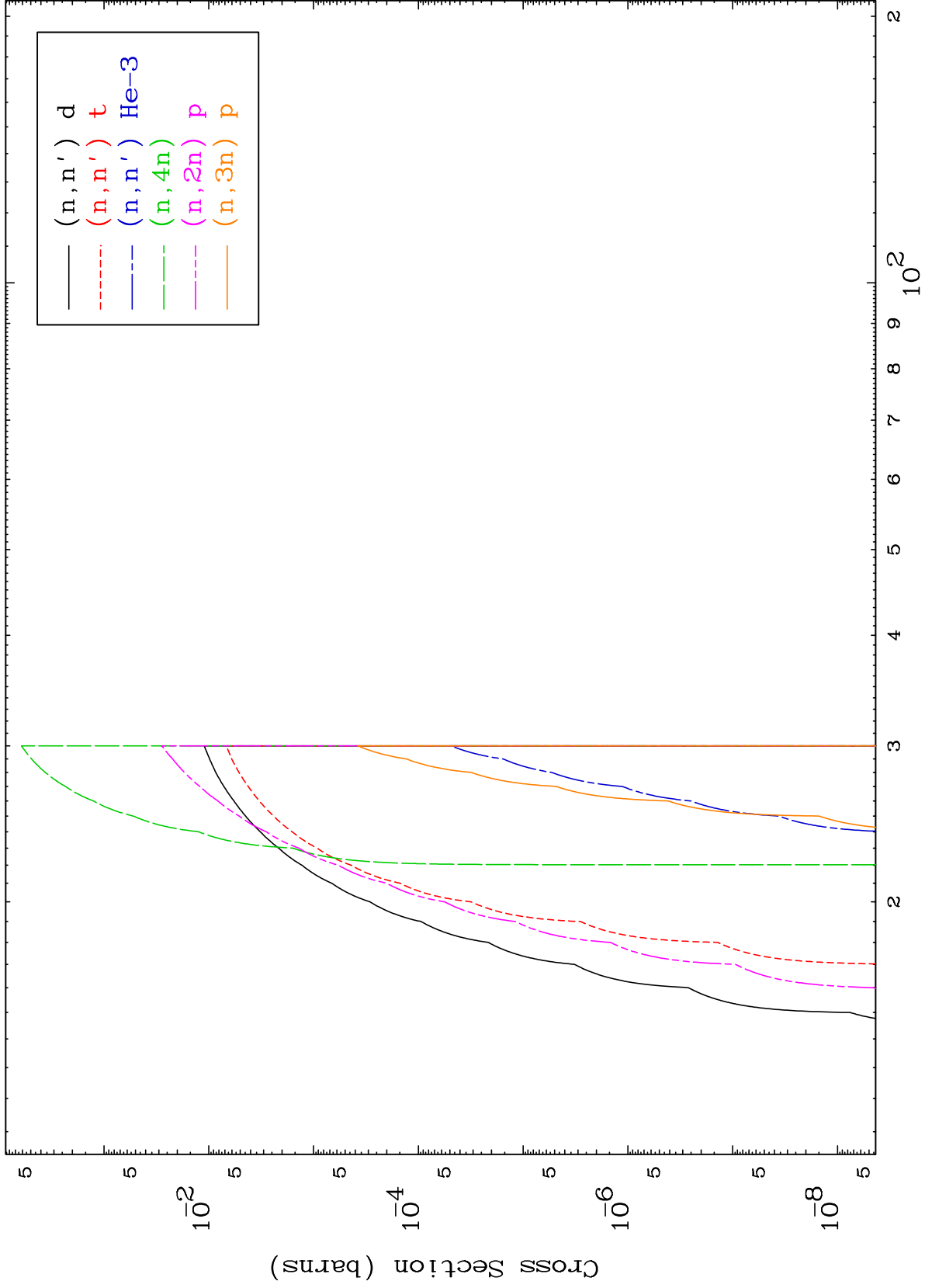
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start



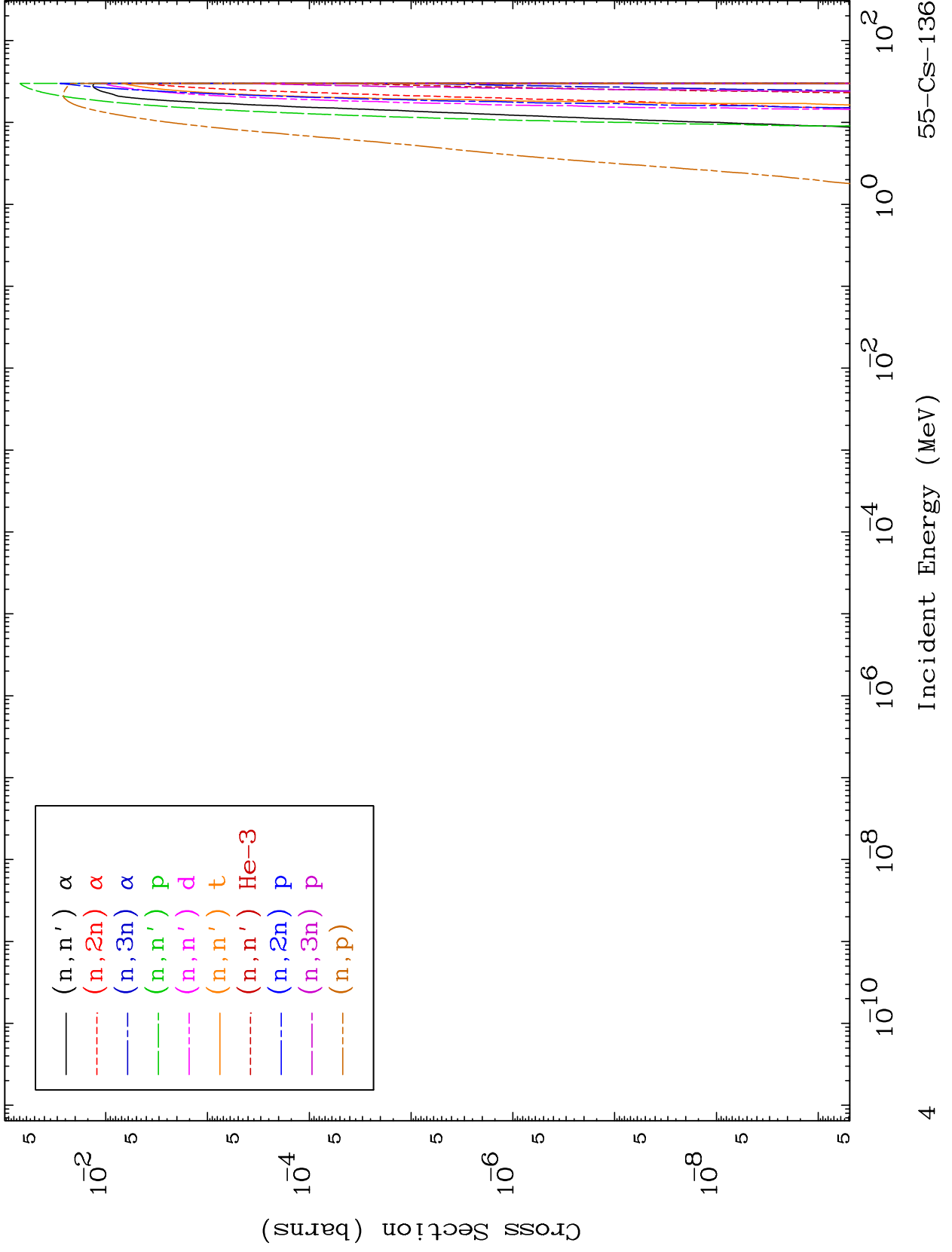




MAT 5535

Charged Particle  
293 Kelvin Cross Sections

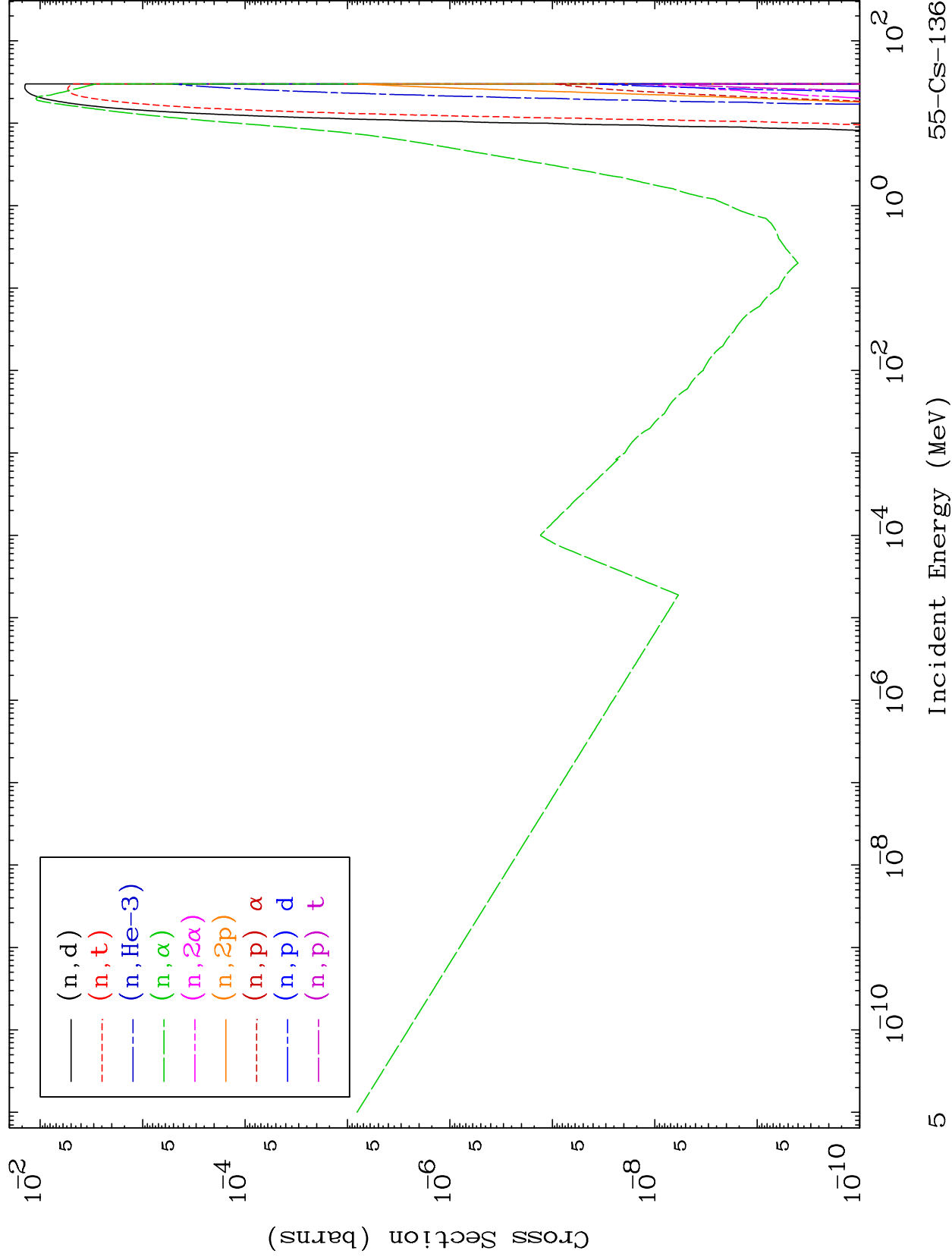
55-Cs-136



MAT 5535

Charged Particle  
293 Kelvin Cross Sections

55-Cs-136

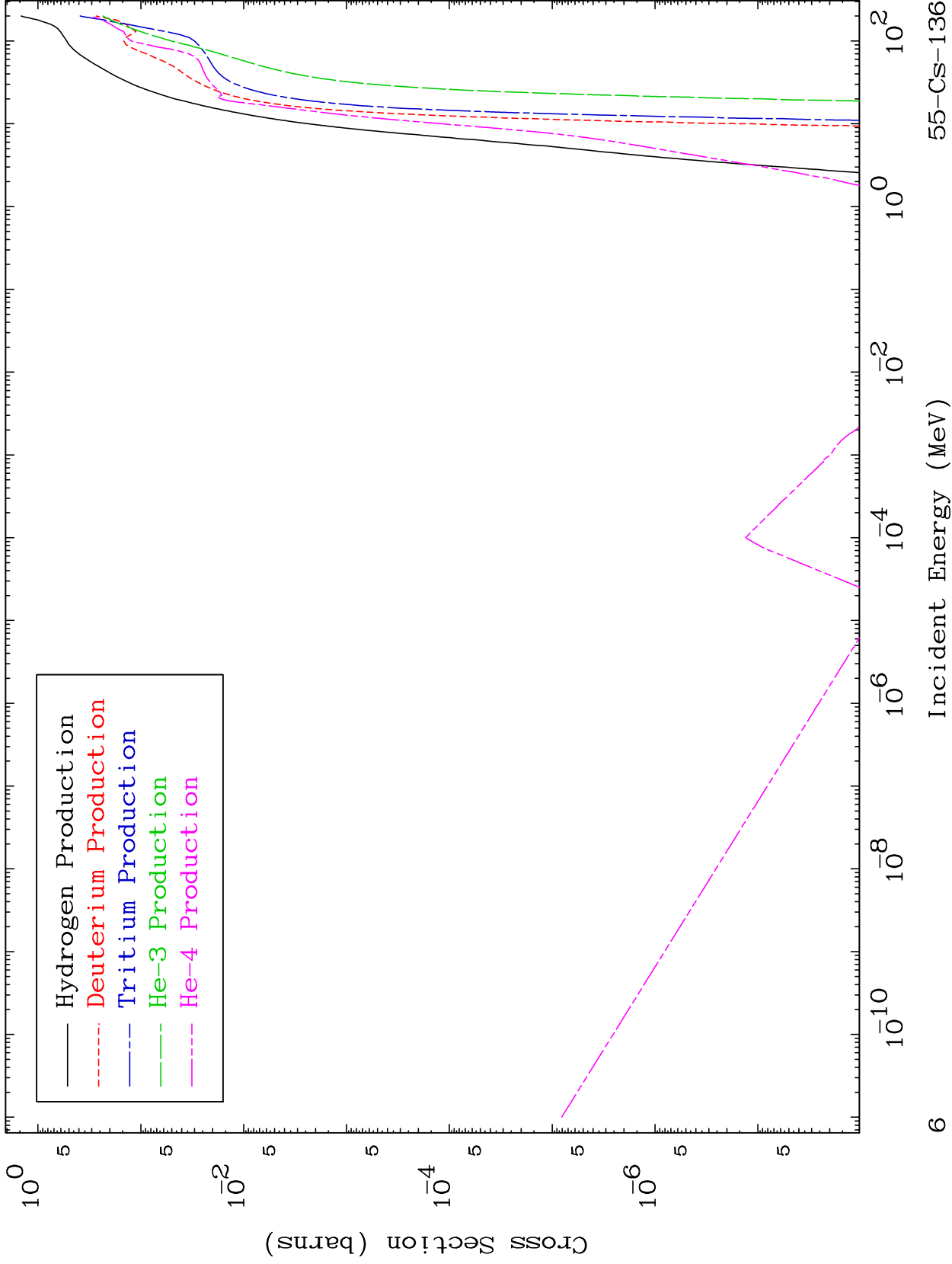


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MAT 5535

Particle Production  
293 Kelvin Cross Sections

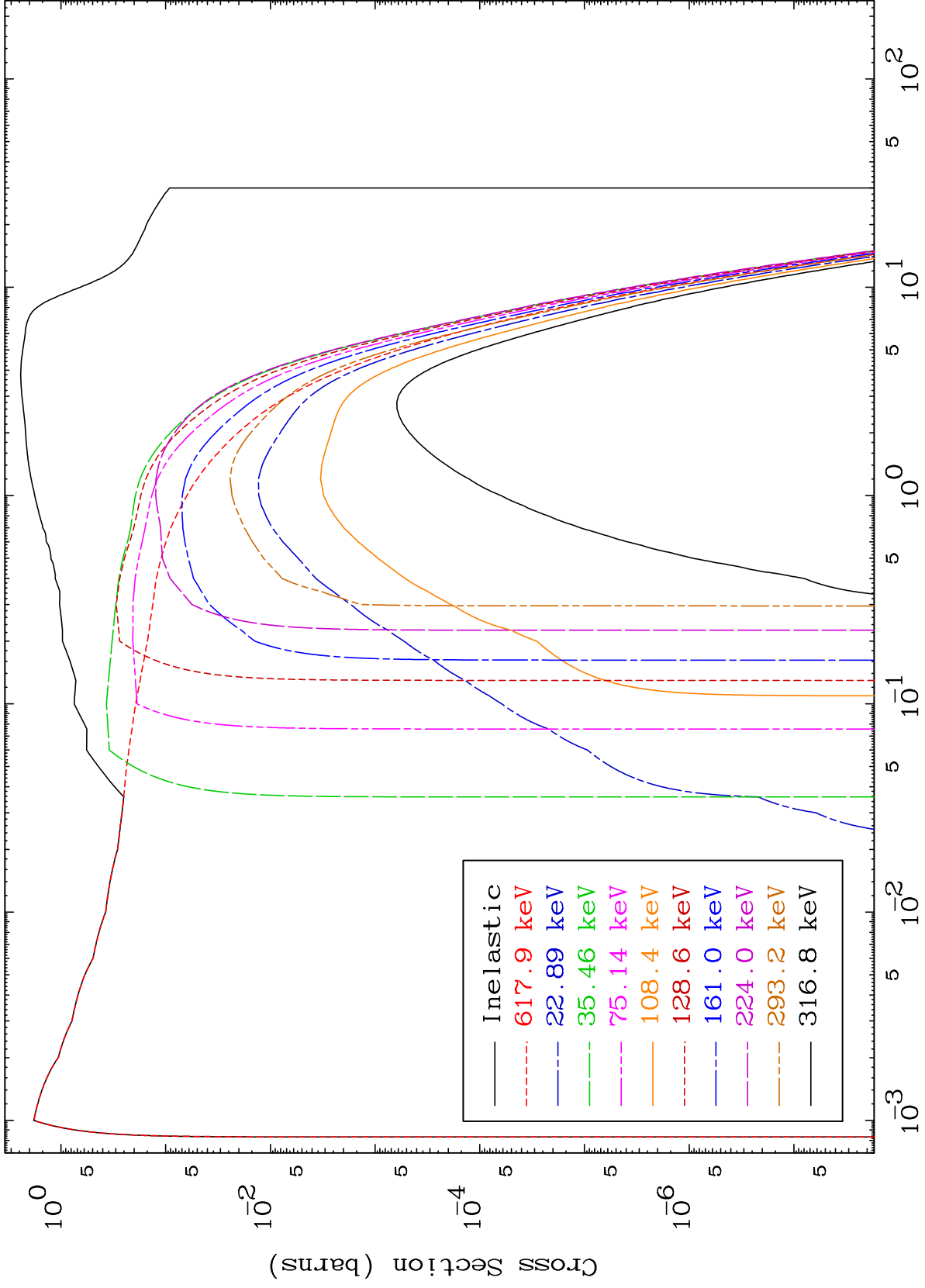
55-Cs-136



MAT 5535

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-136



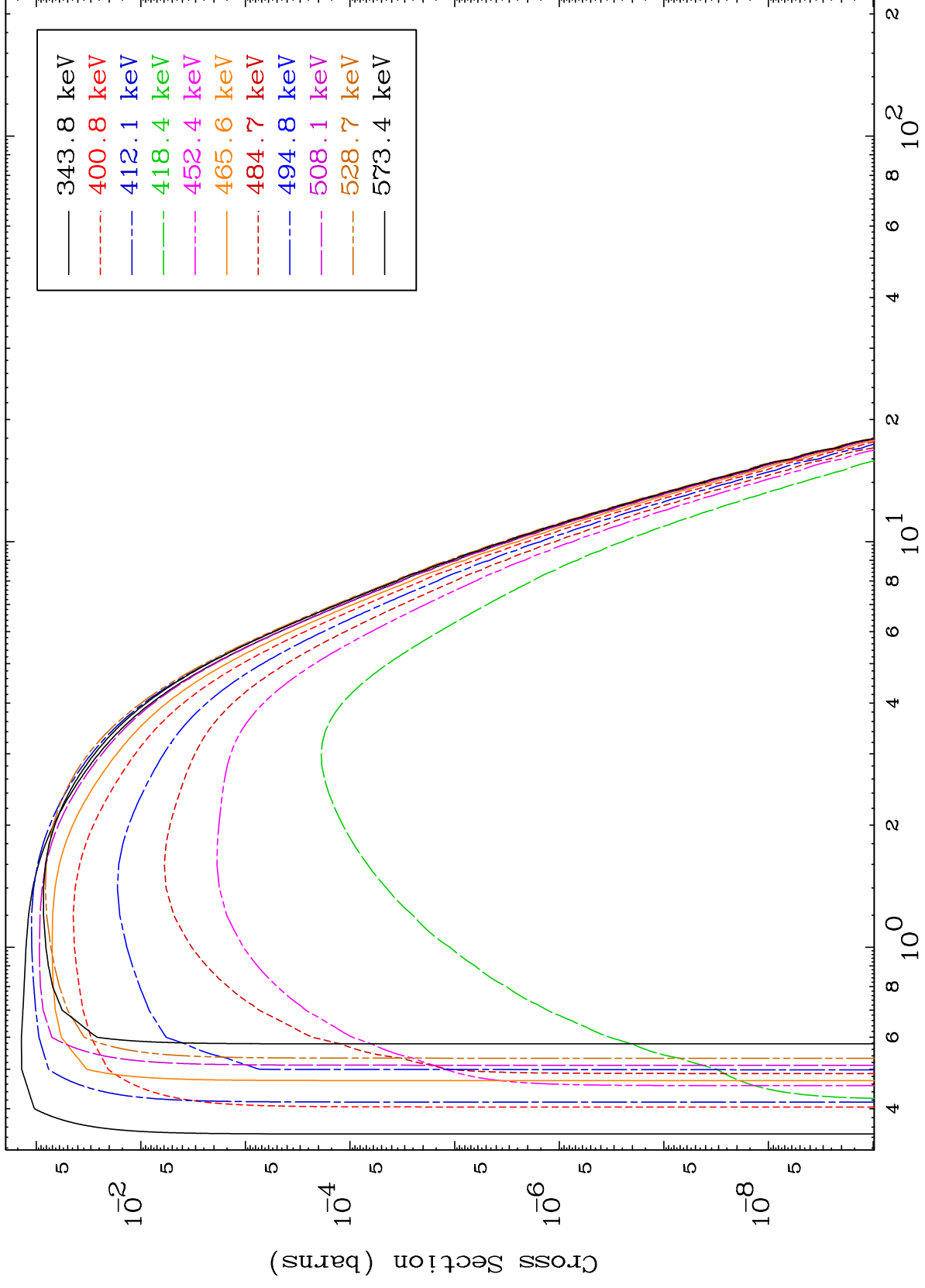


MAT 5535

(n,n') Level

55-Cs-136

293 Kelvin Cross Sections



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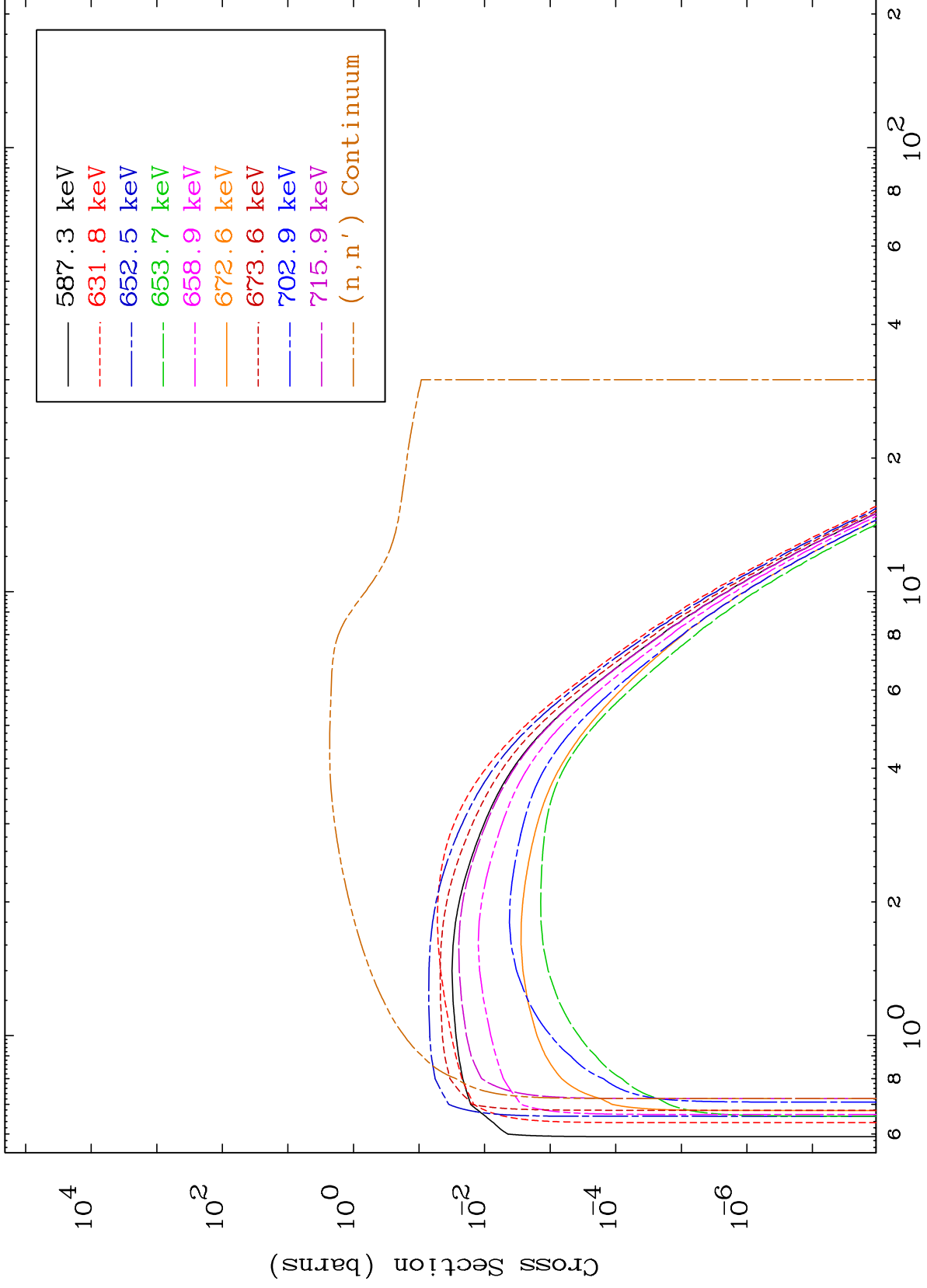
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-136



9

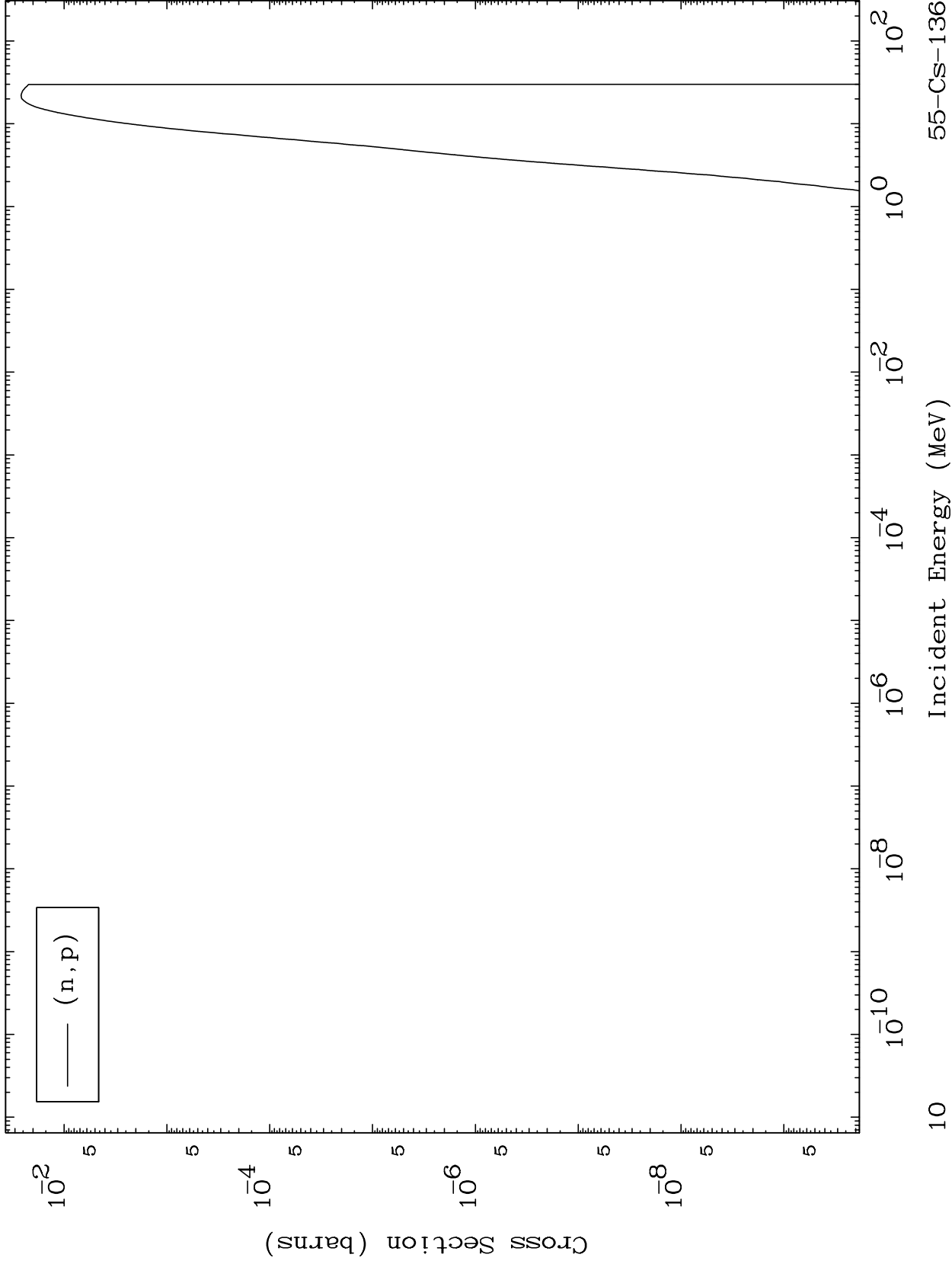
Incident Energy (MeV)

55-Cs-136

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(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-136



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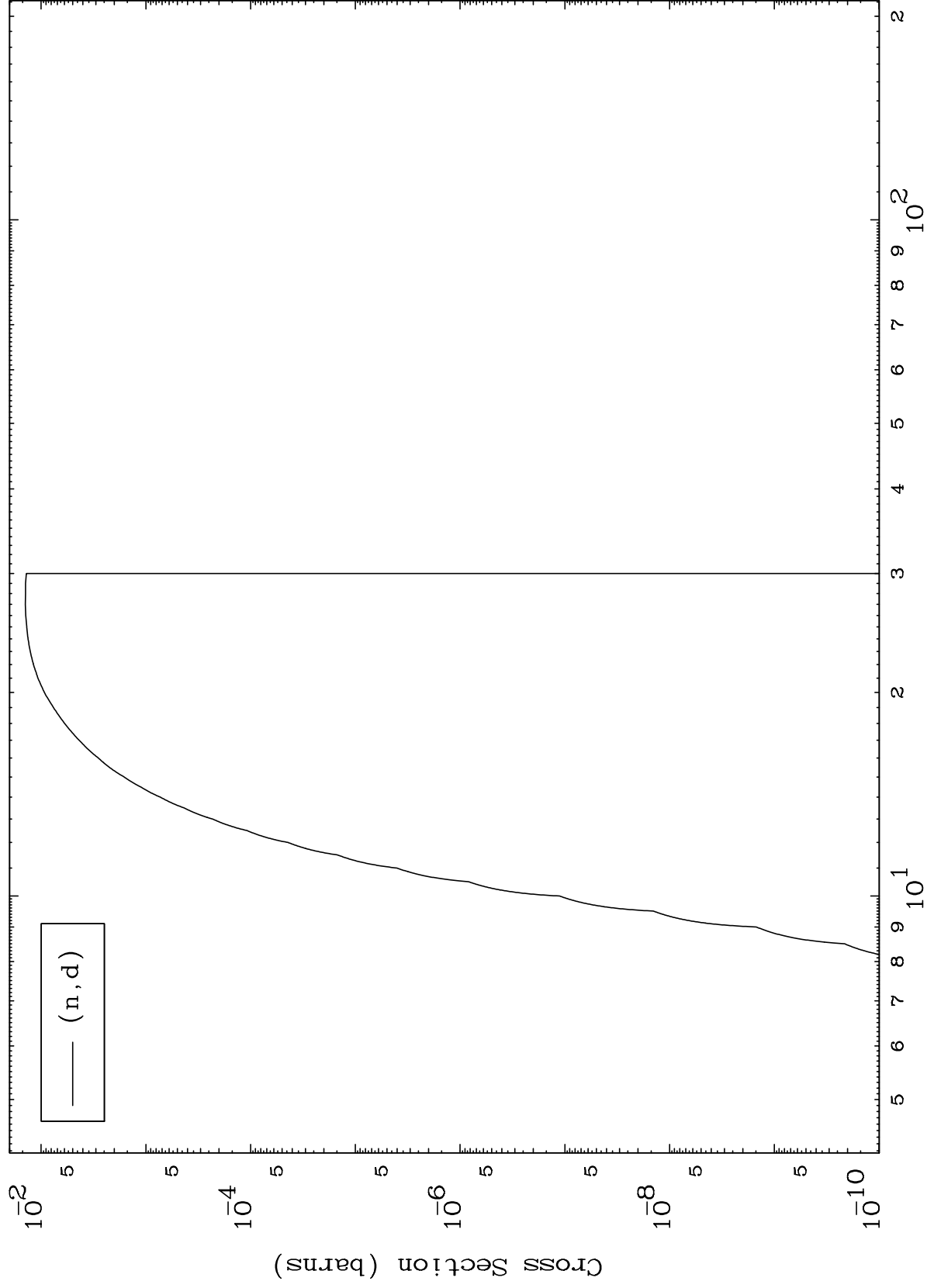
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-136



11

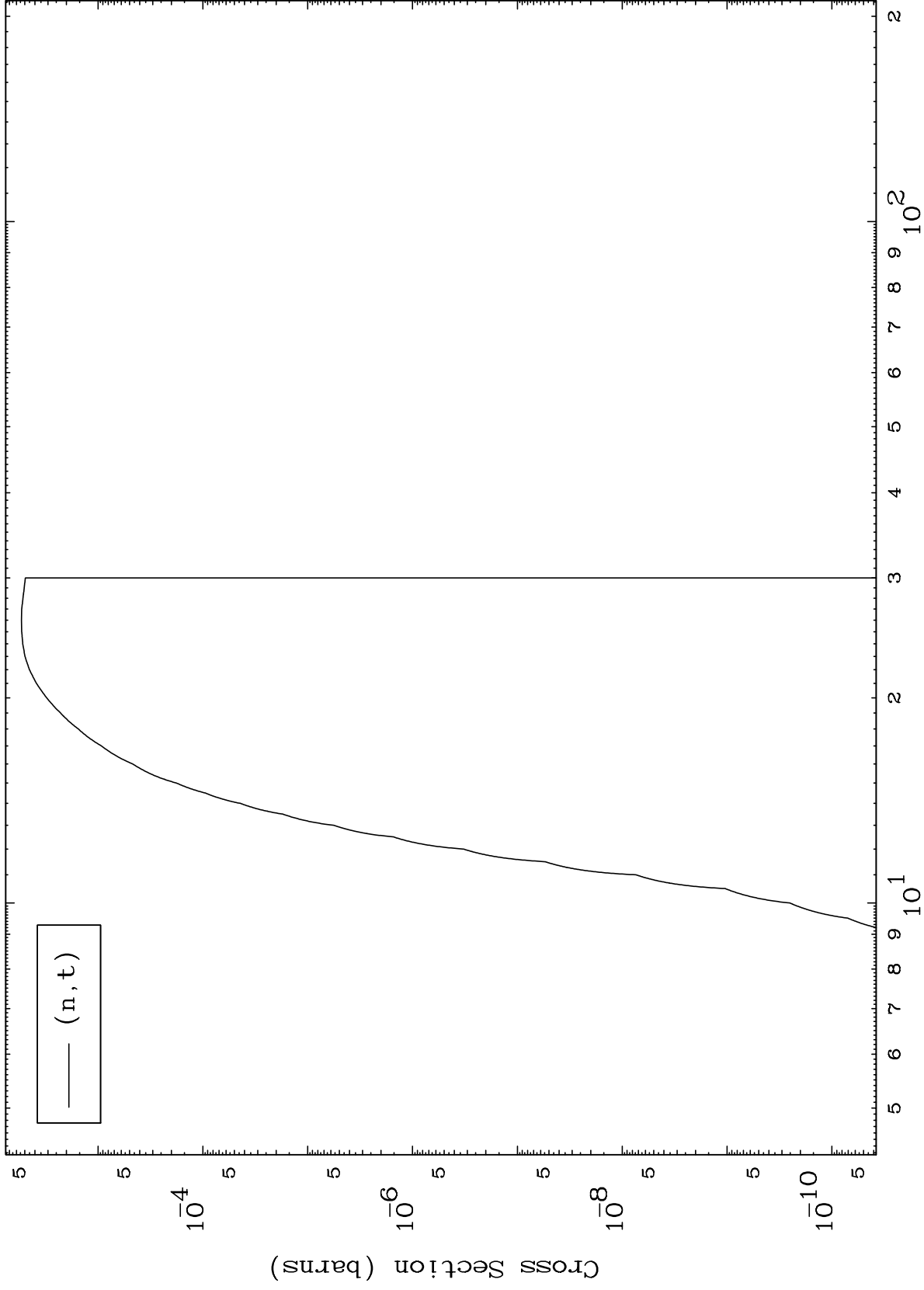
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-136



12

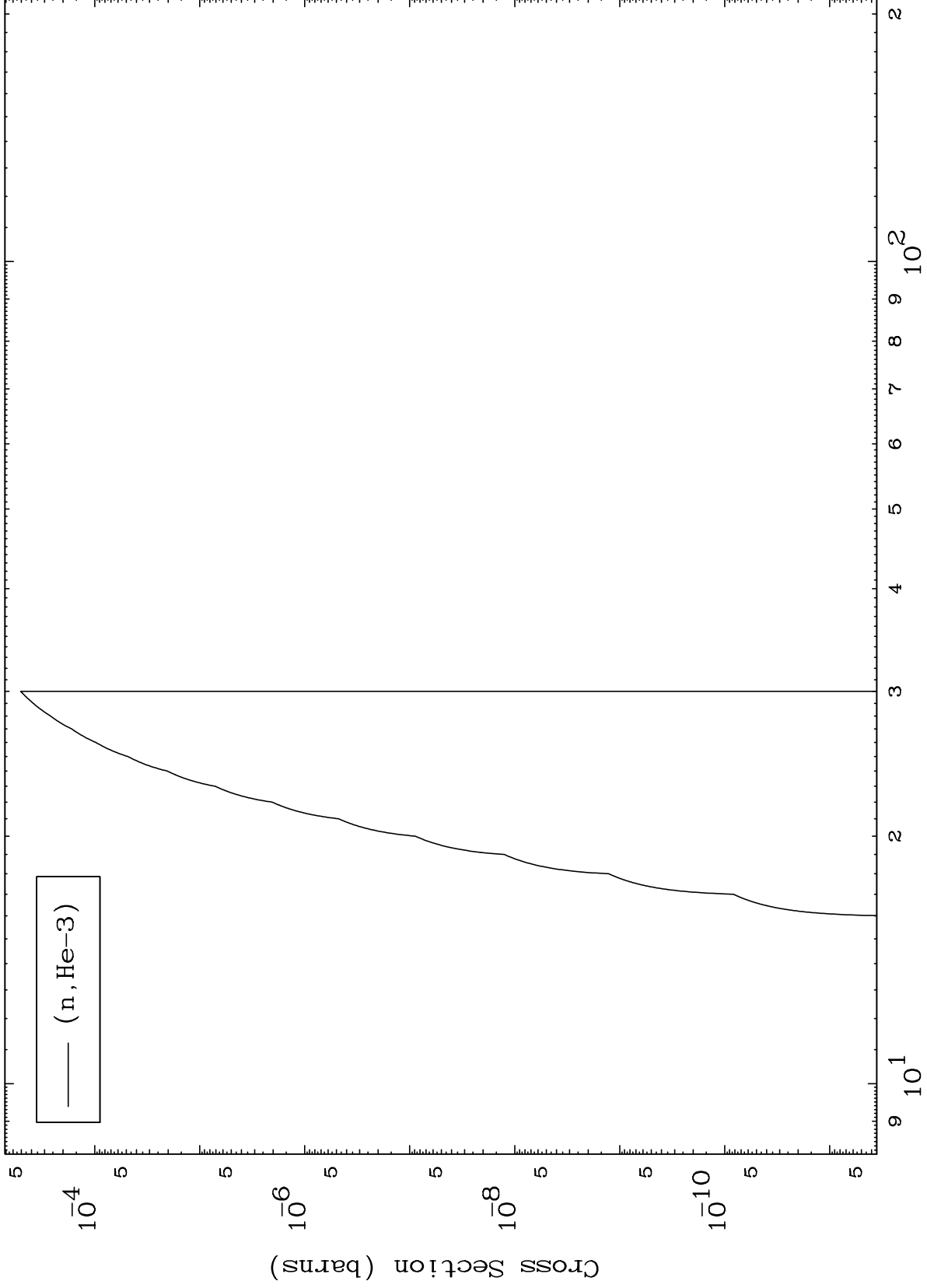
Incident Energy (MeV)

55-Cs-136

MAT 5535

(n,He3) Levels  
293 Kelvin Cross Sections

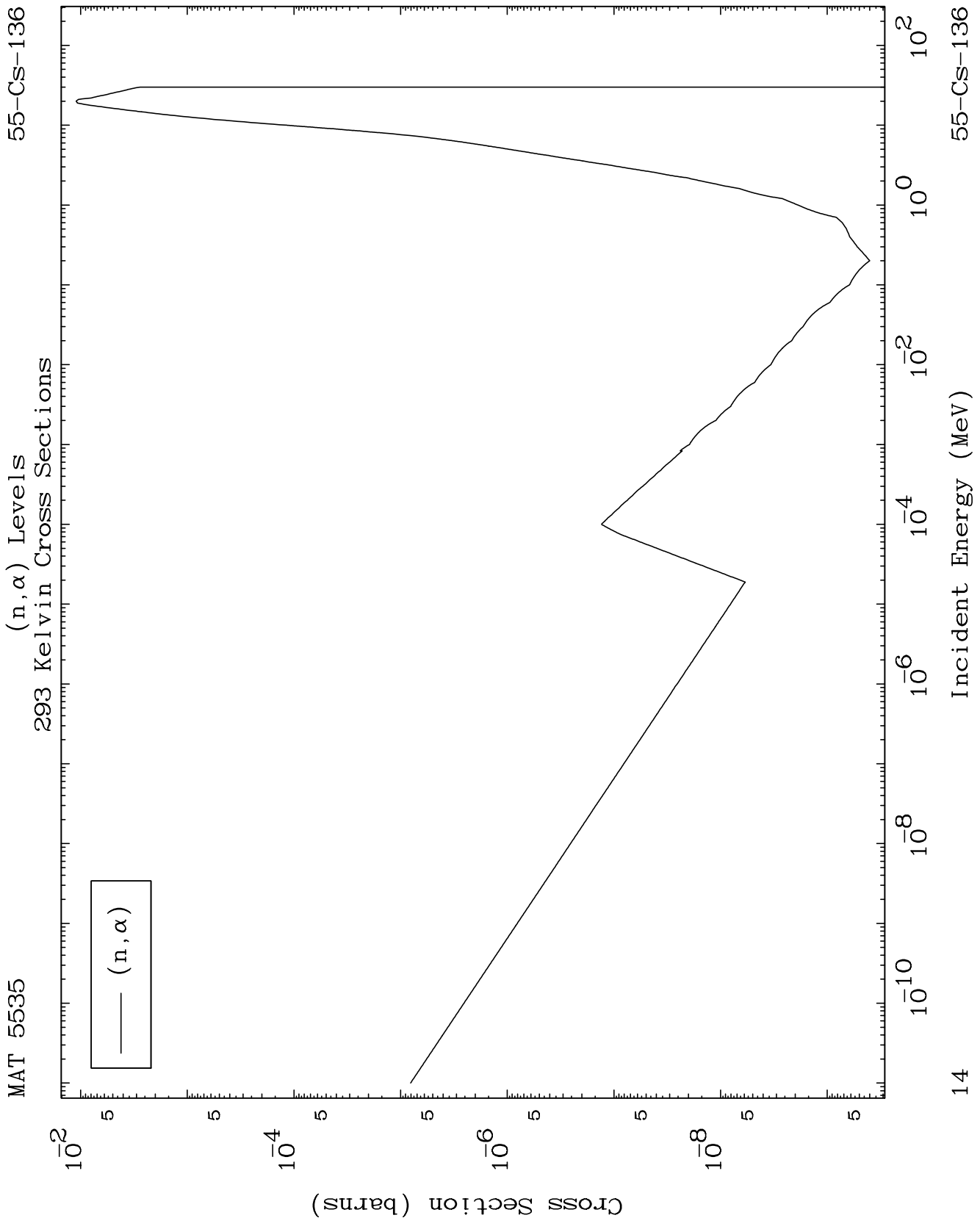
55-Cs-136

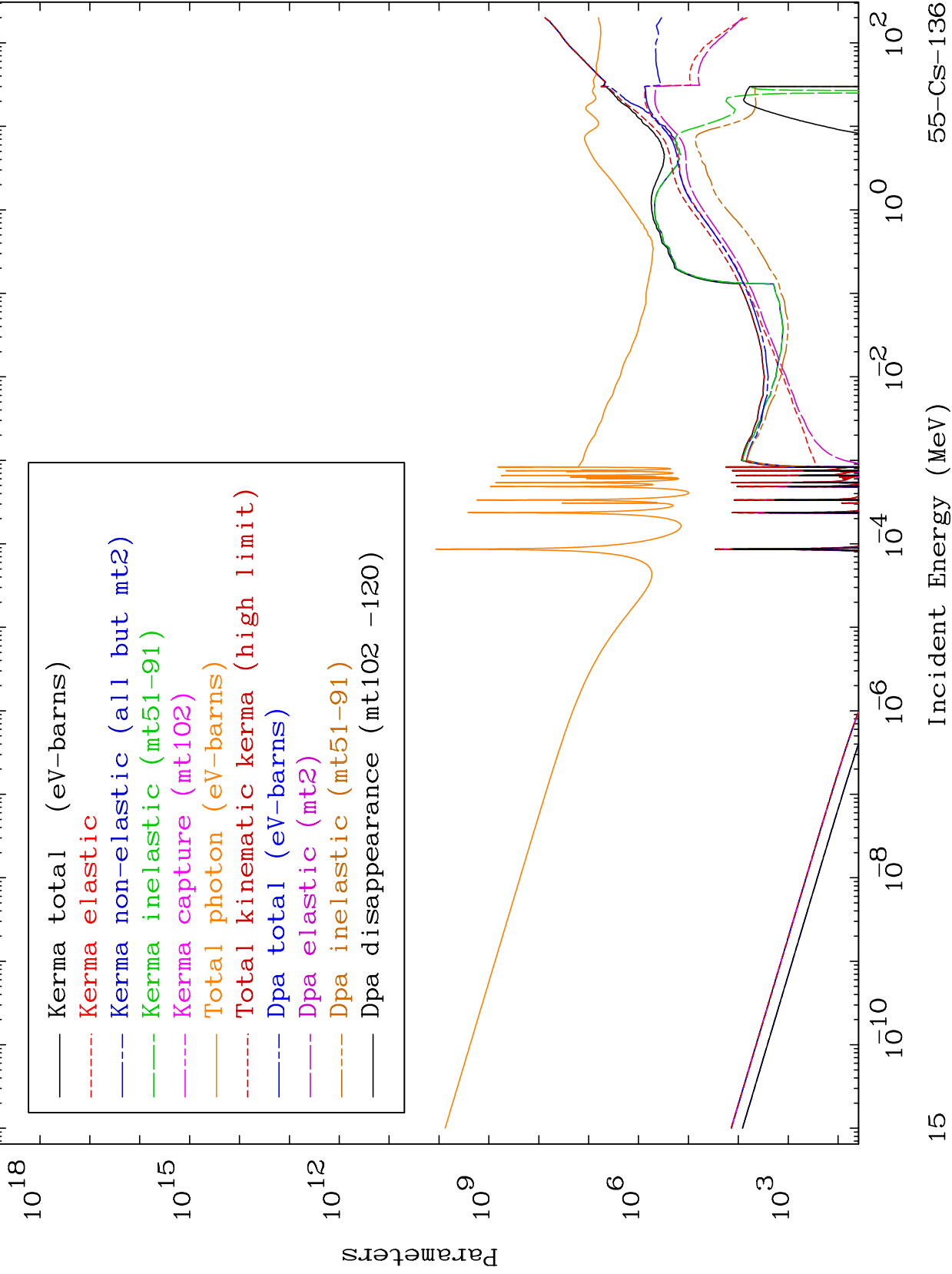


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Incident Energy (MeV)

55-Cs-136





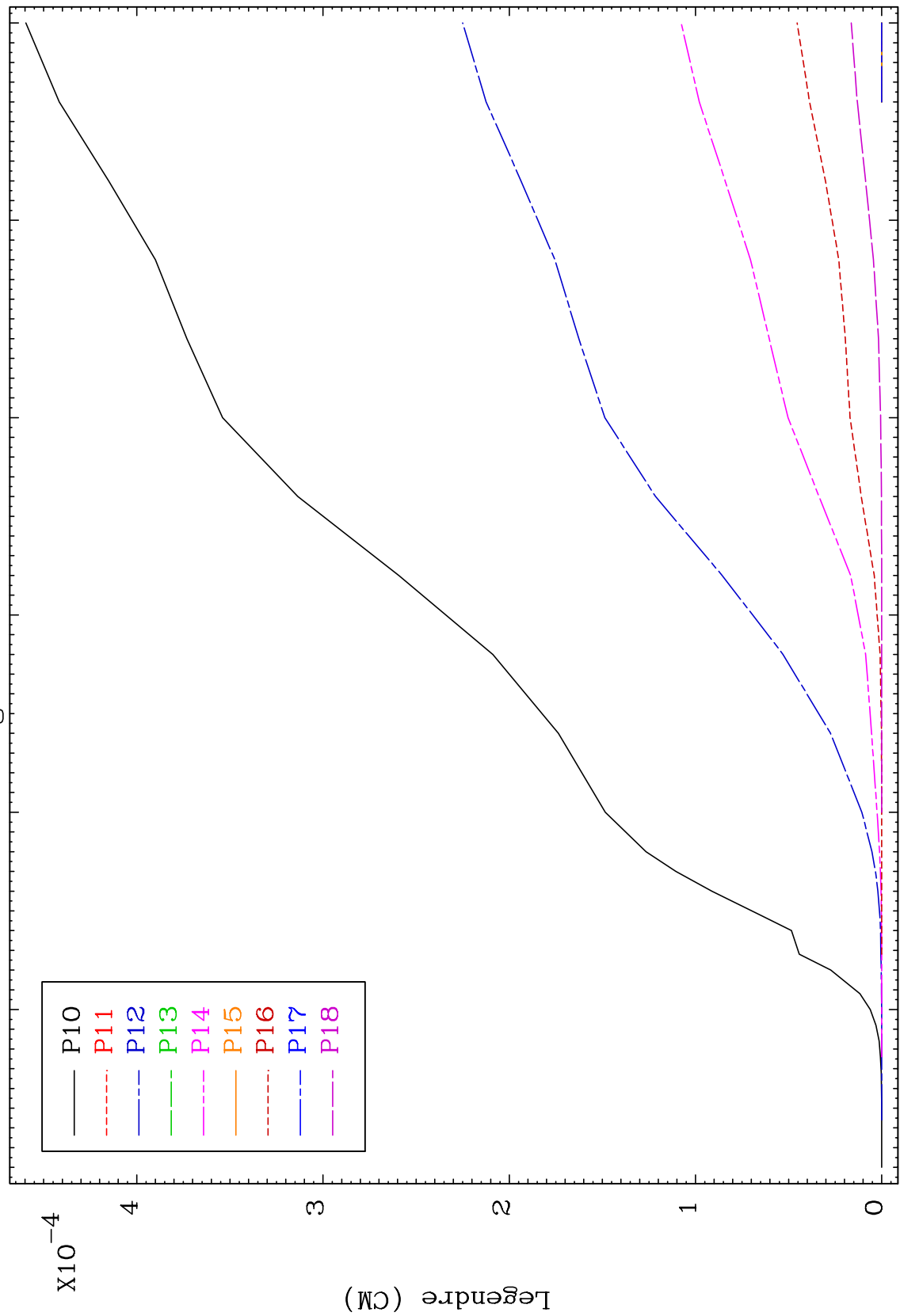




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Elastic Legendre Coefficients

55-Cs-136



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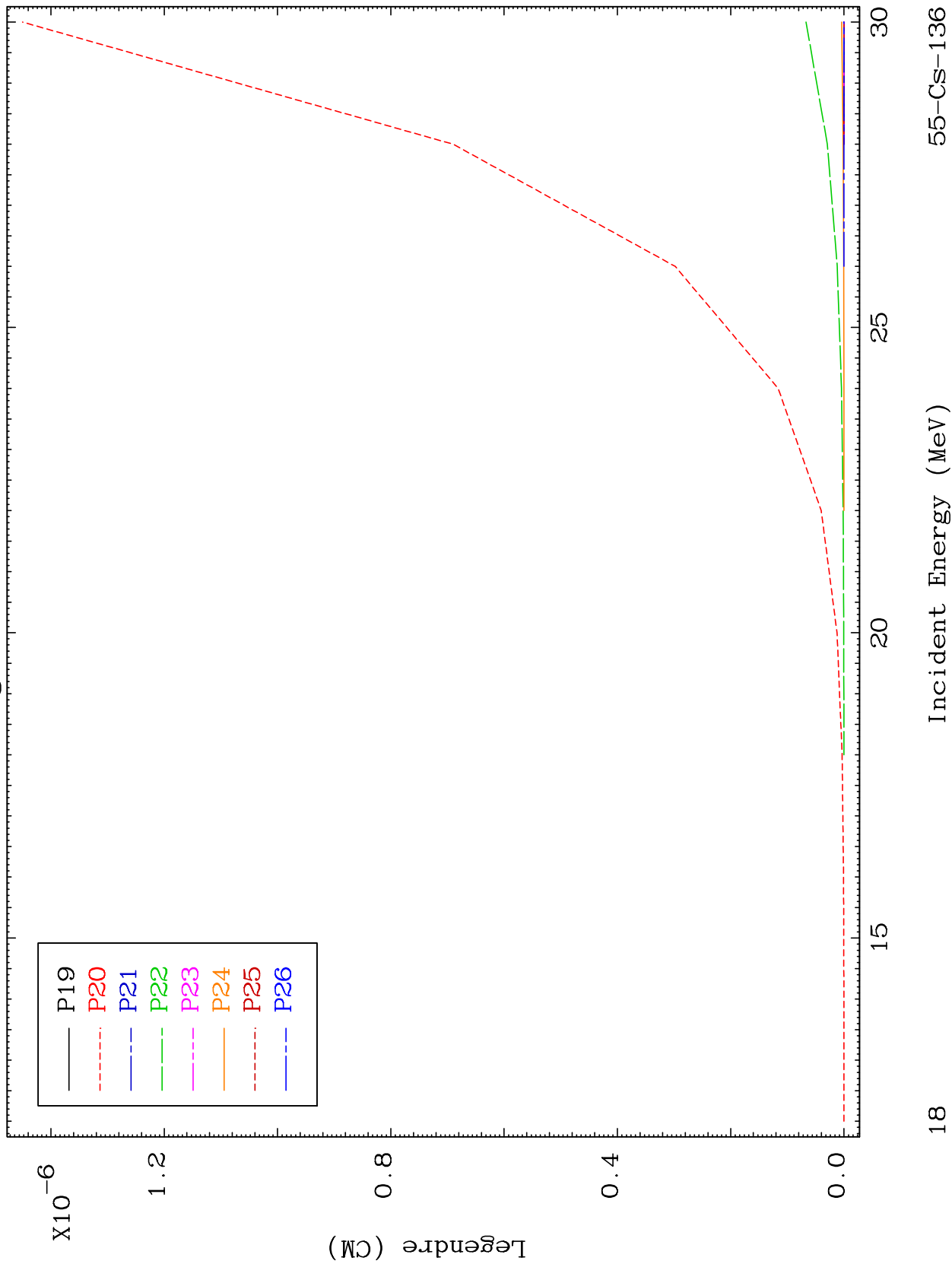
55-Cs-136

Incident Energy (MeV)

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Elastic  
Legendre Coefficients

55-Cs-136



18

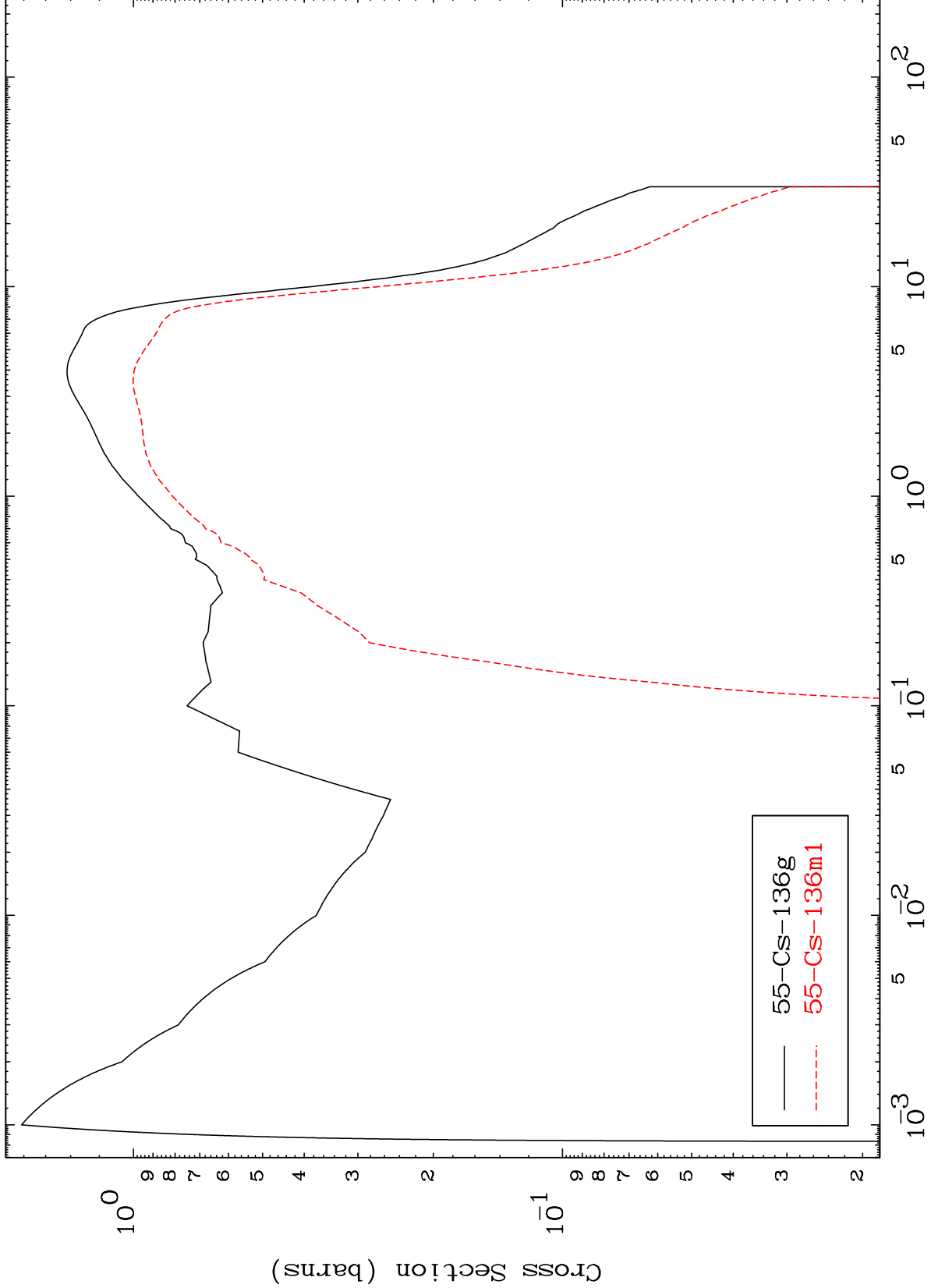
Incident Energy (MeV)

55-Cs-136

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Inelastic  
Radionuclide Production Cross Section

55-Cs-136



19

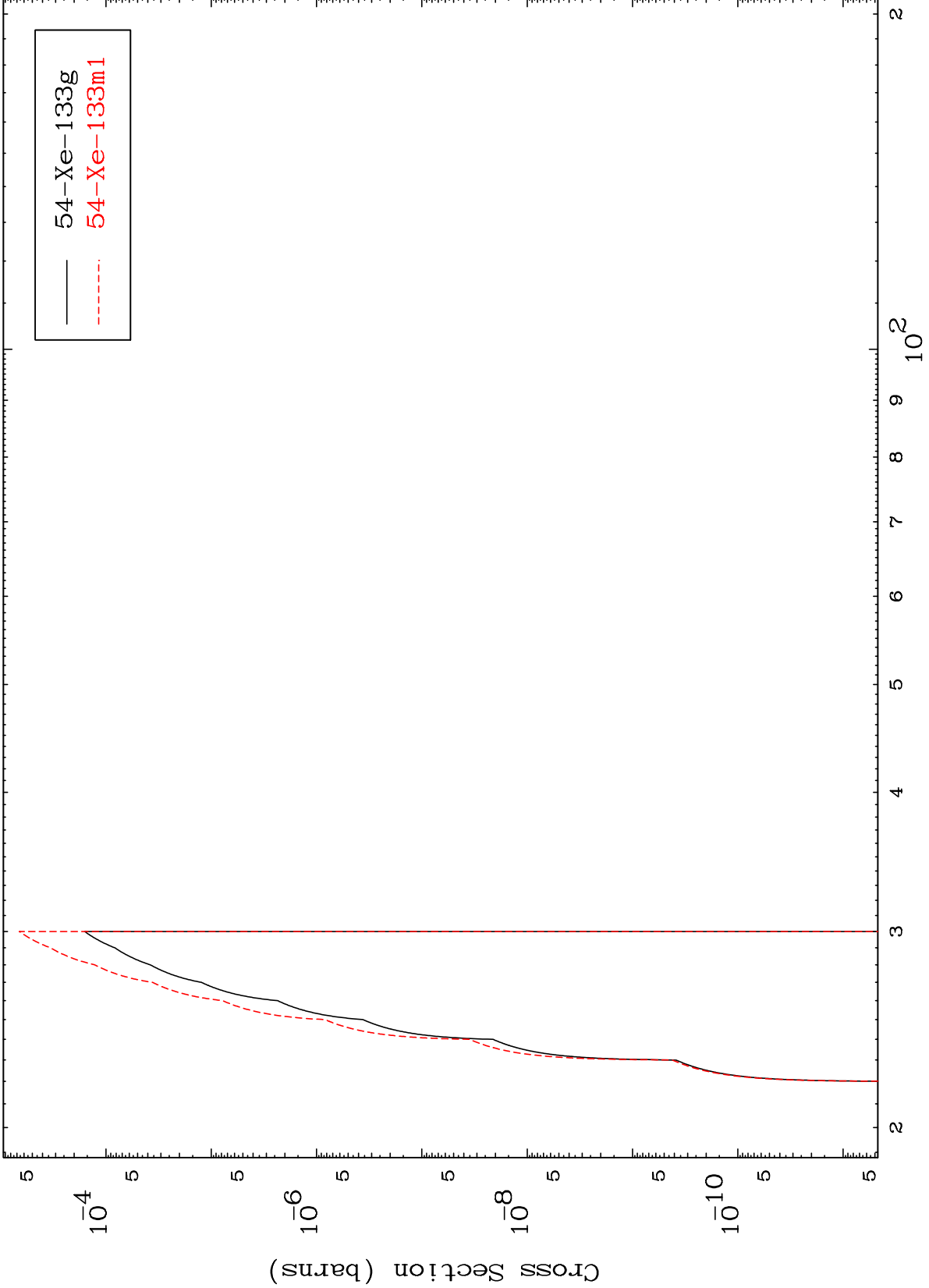
55-Cs-136

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(n,2n) d

55-Cs-136

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

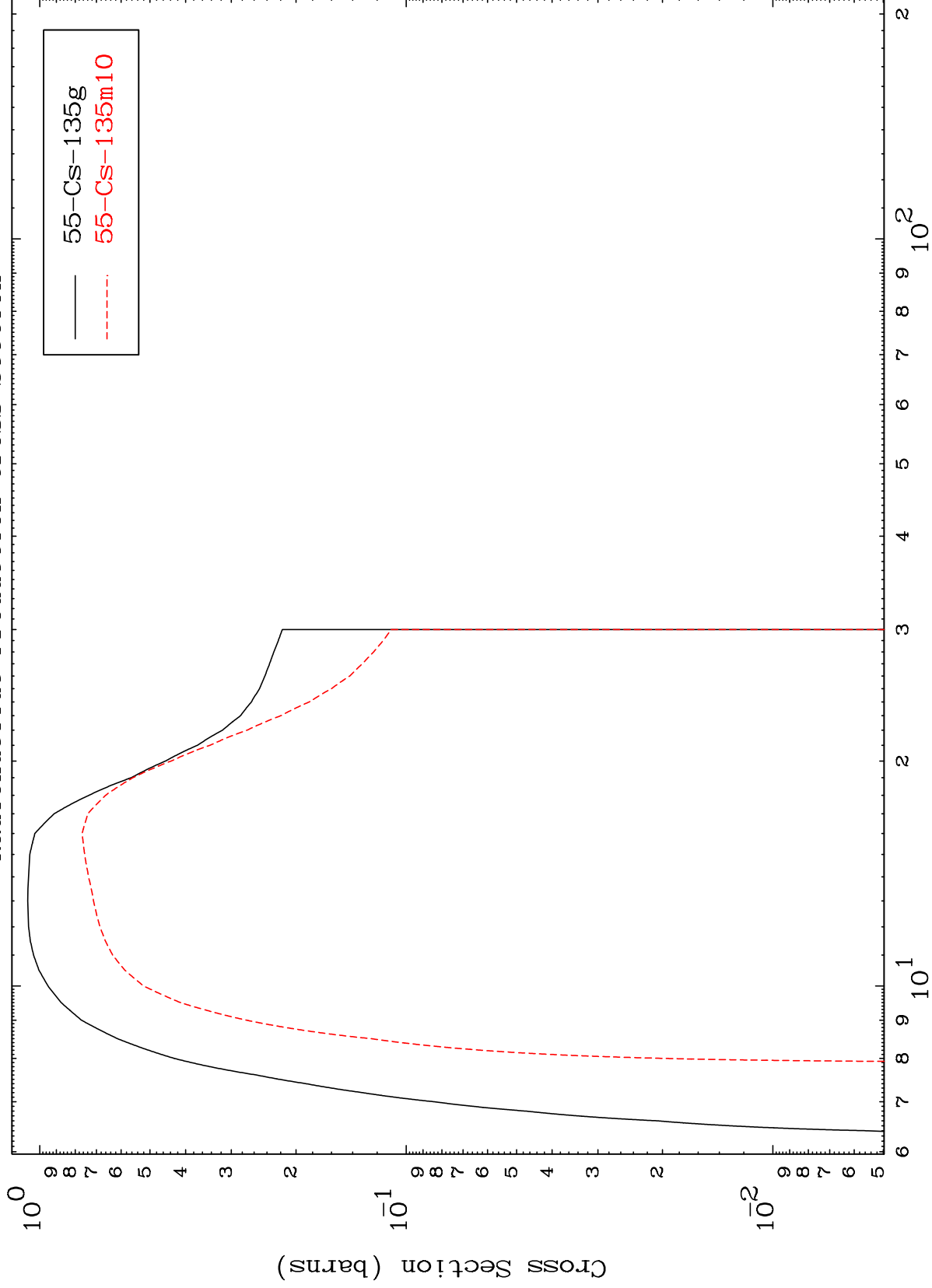
55-Cs-136

MAT 5535

(n,2n)

55-Cs-136

Radionuclide Production Cross Section



Incident Energy (MeV)

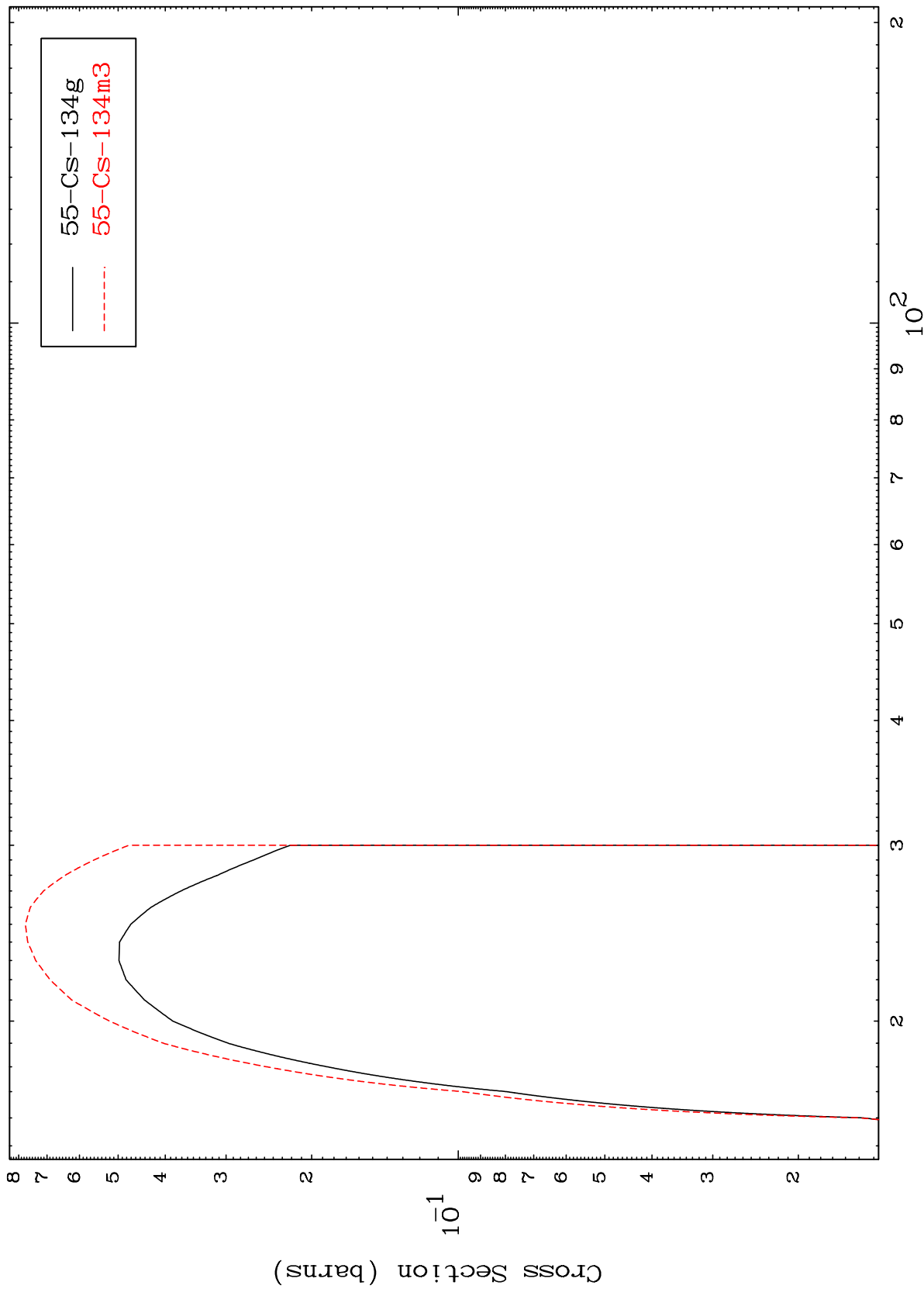
55-Cs-136

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55-Cs-136

(n,3n)  
Radionuclide Production Cross Section

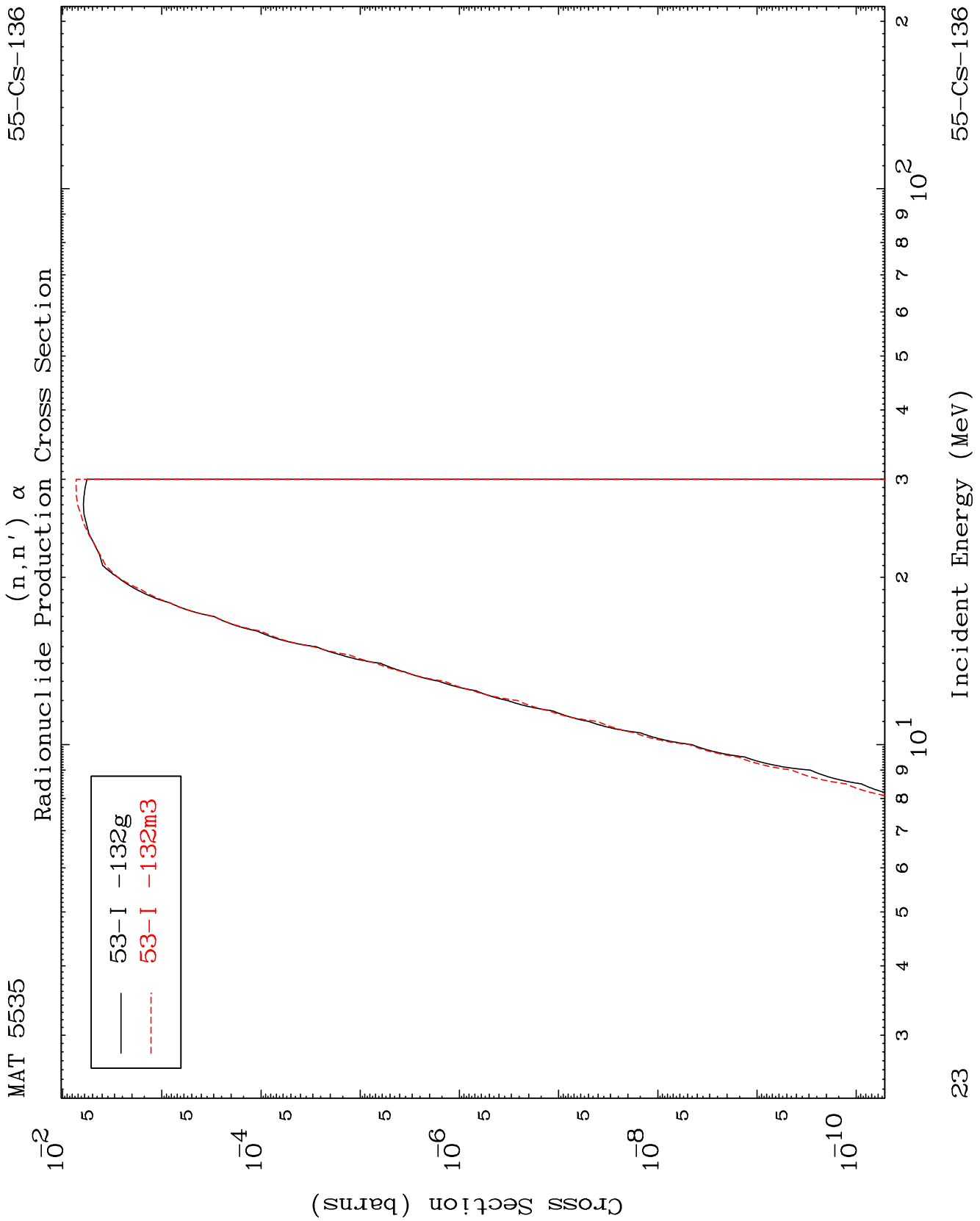


55-Cs-134g  
55-Cs-134m3

22

Incident Energy (MeV)

55-Cs-136



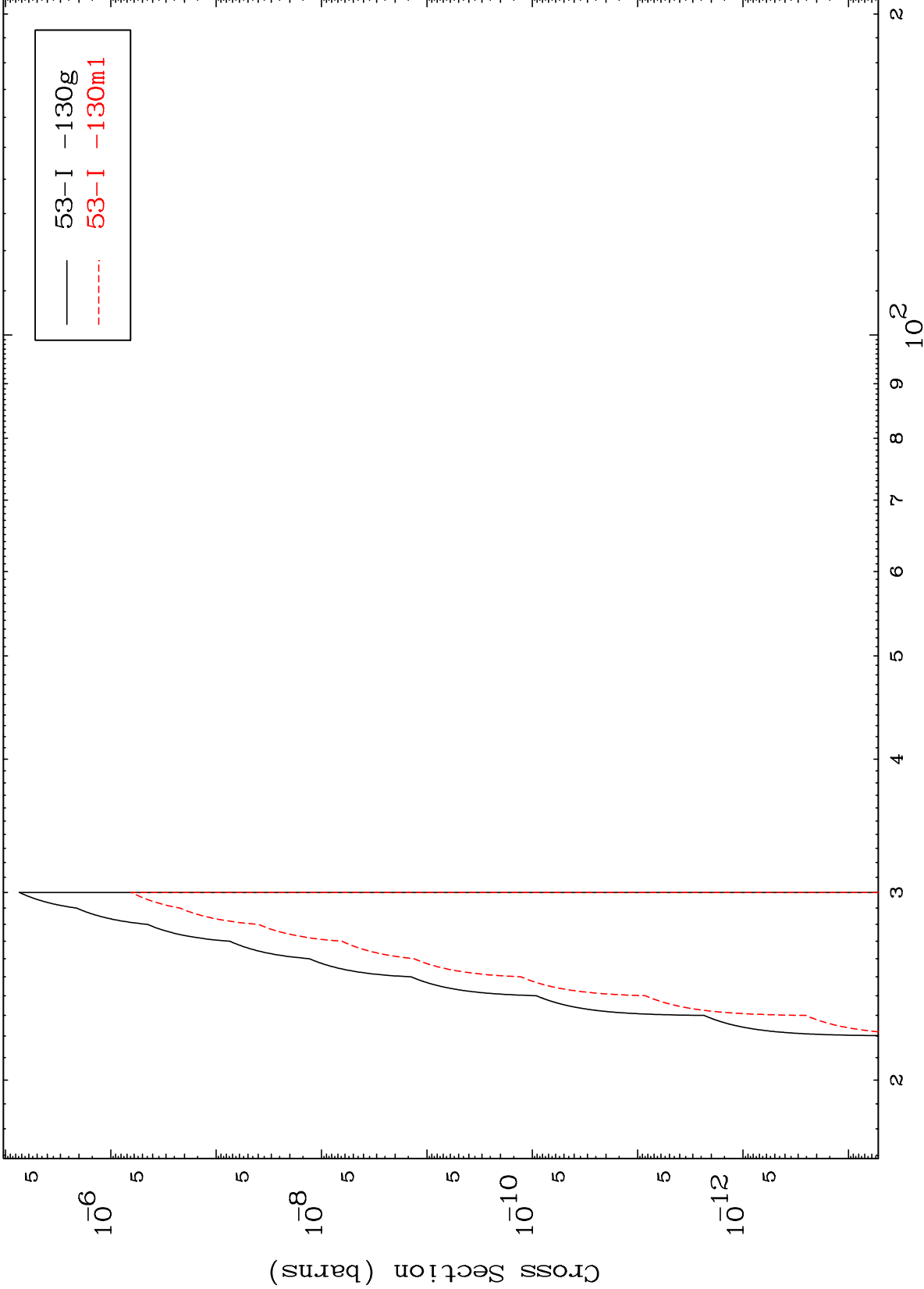


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(n,3n)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

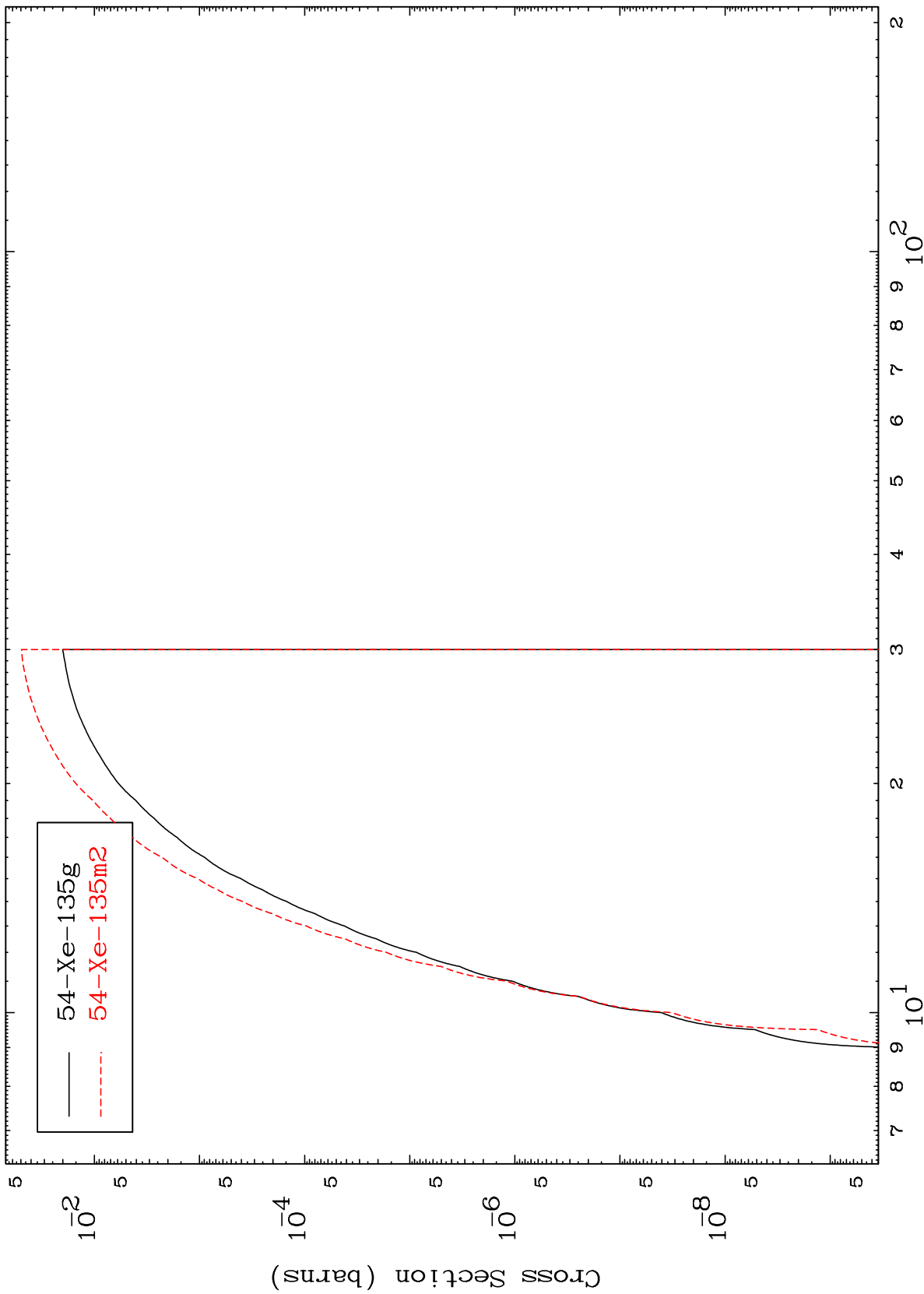
55-Cs-136

MAT 5535

(n,n') p

55-Cs-136

Radionuclide Production Cross Section

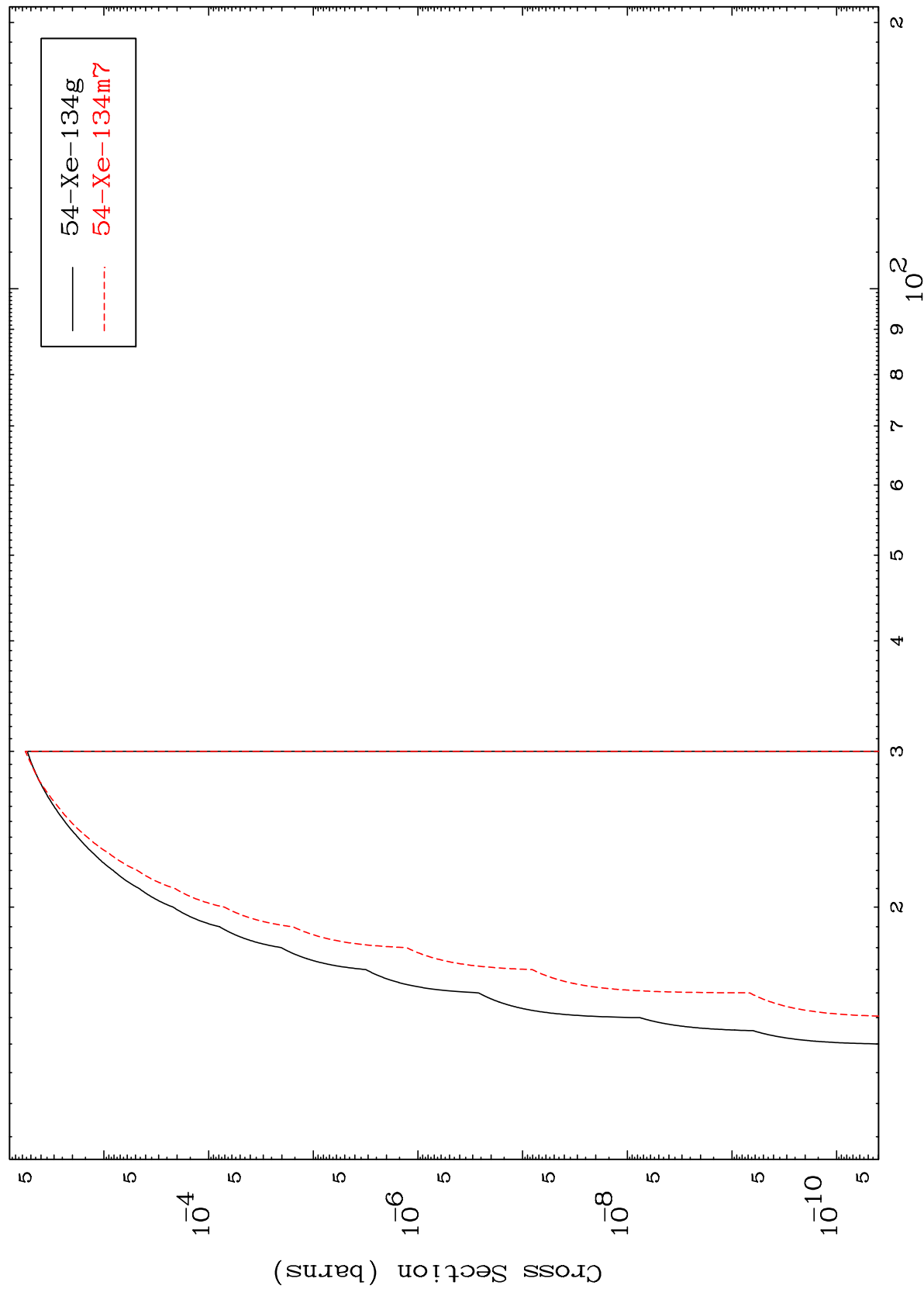


25

Incident Energy (MeV)

55-Cs-136

Radionuclide Production Cross Section

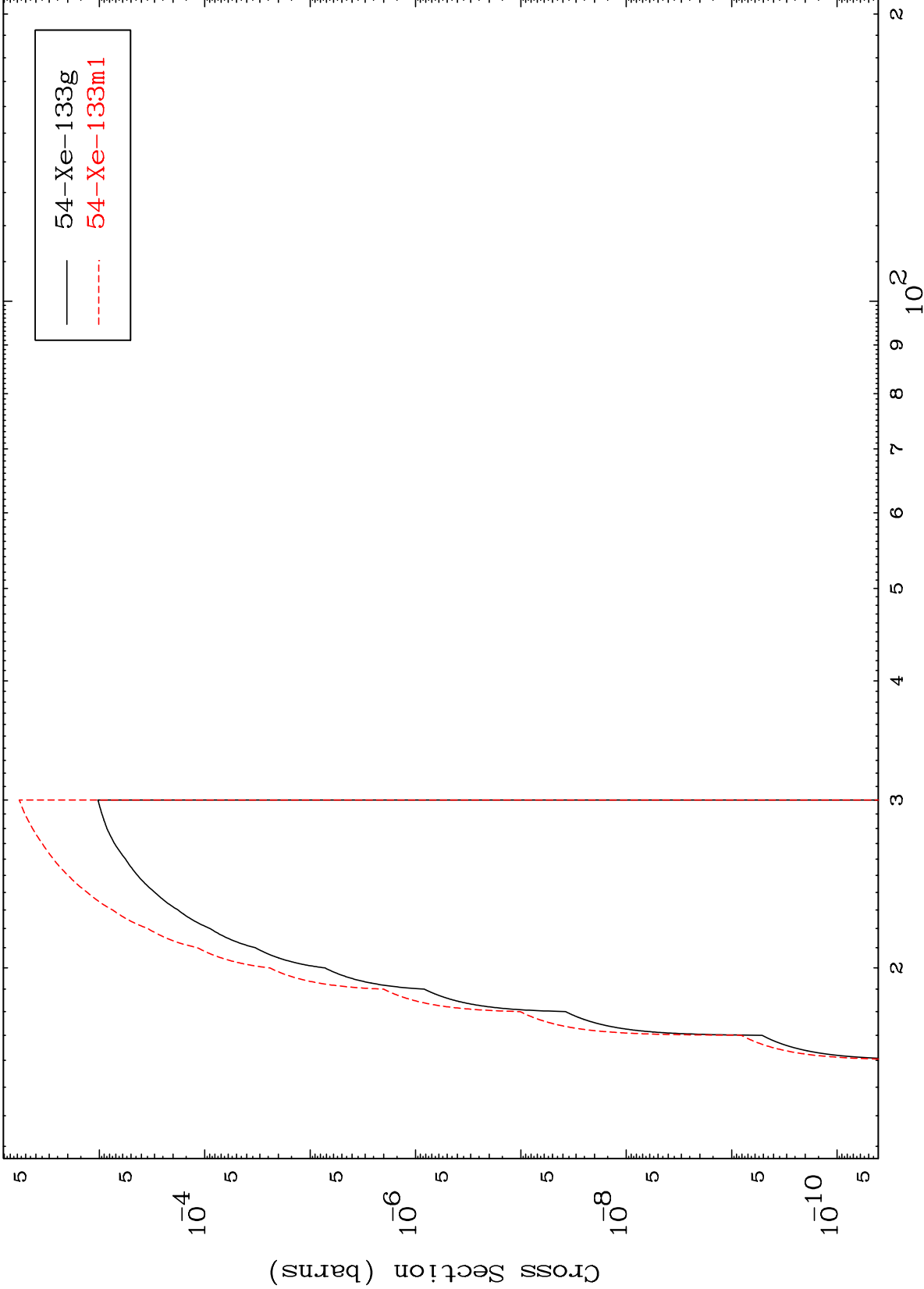


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(n,n') t

55-Cs-136

Radionuclide Production Cross Section

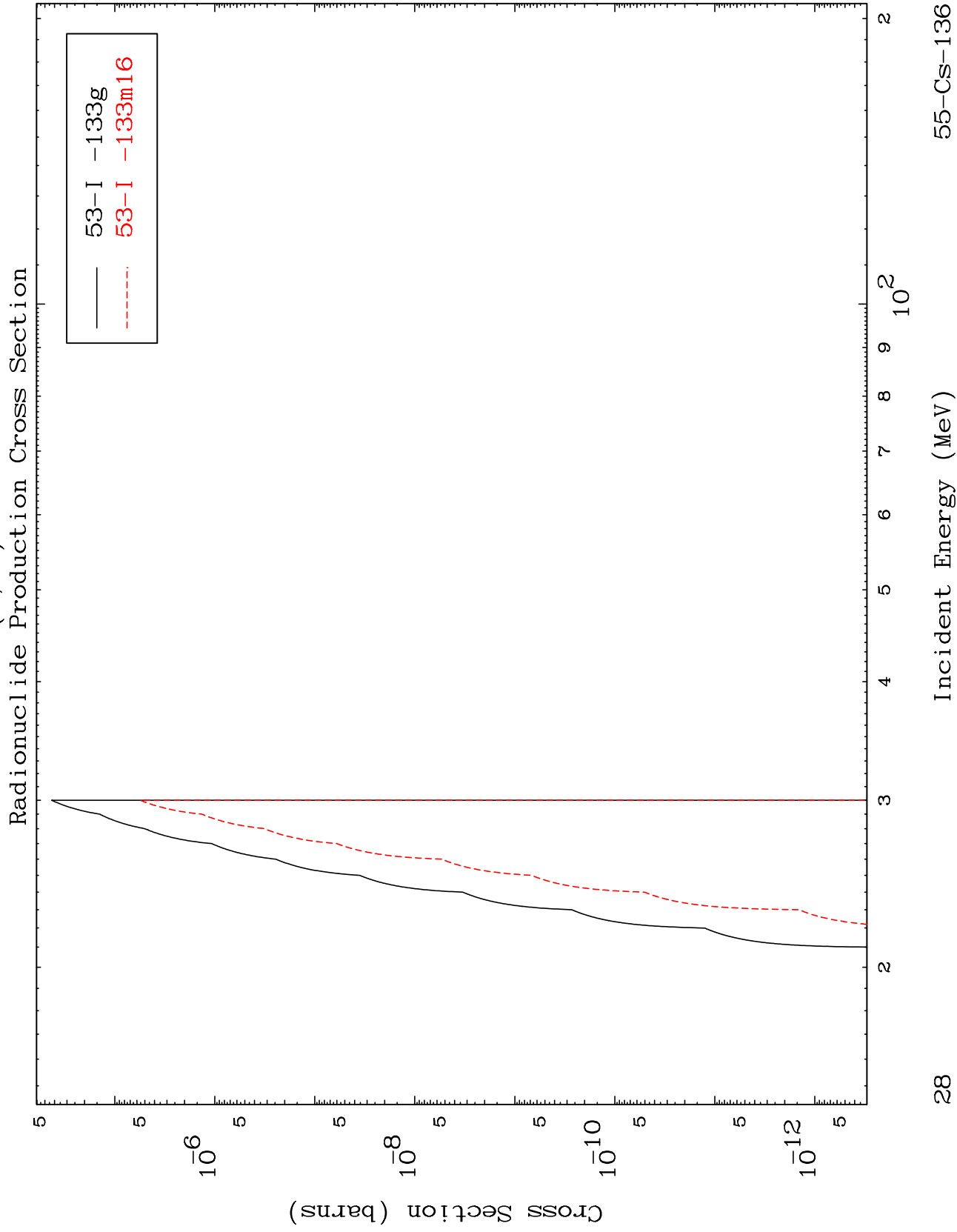


54-Xe-133g  
54-Xe-133m1

27

Incident Energy (MeV)

55-Cs-136

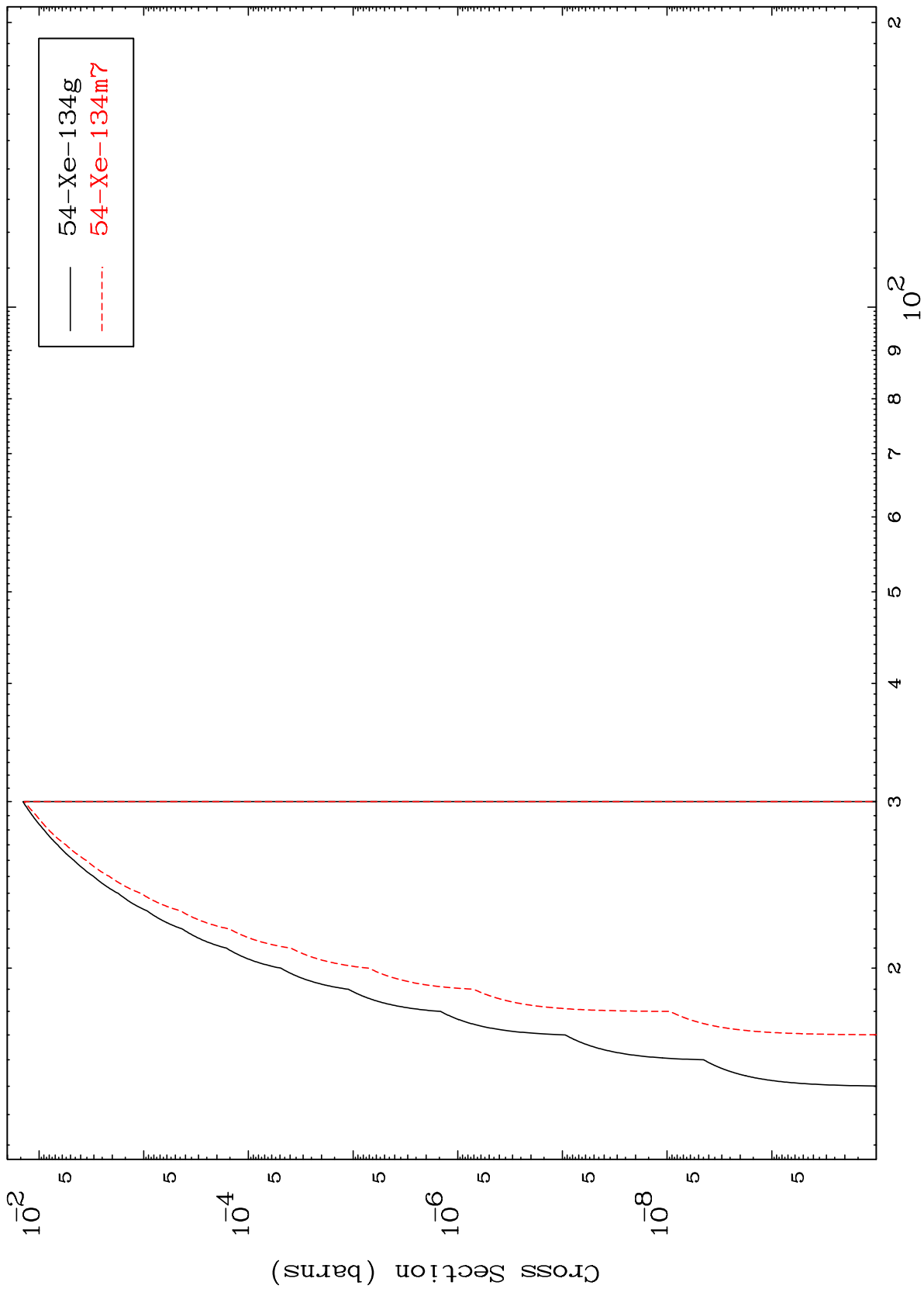


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(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



29

Incident Energy (MeV)

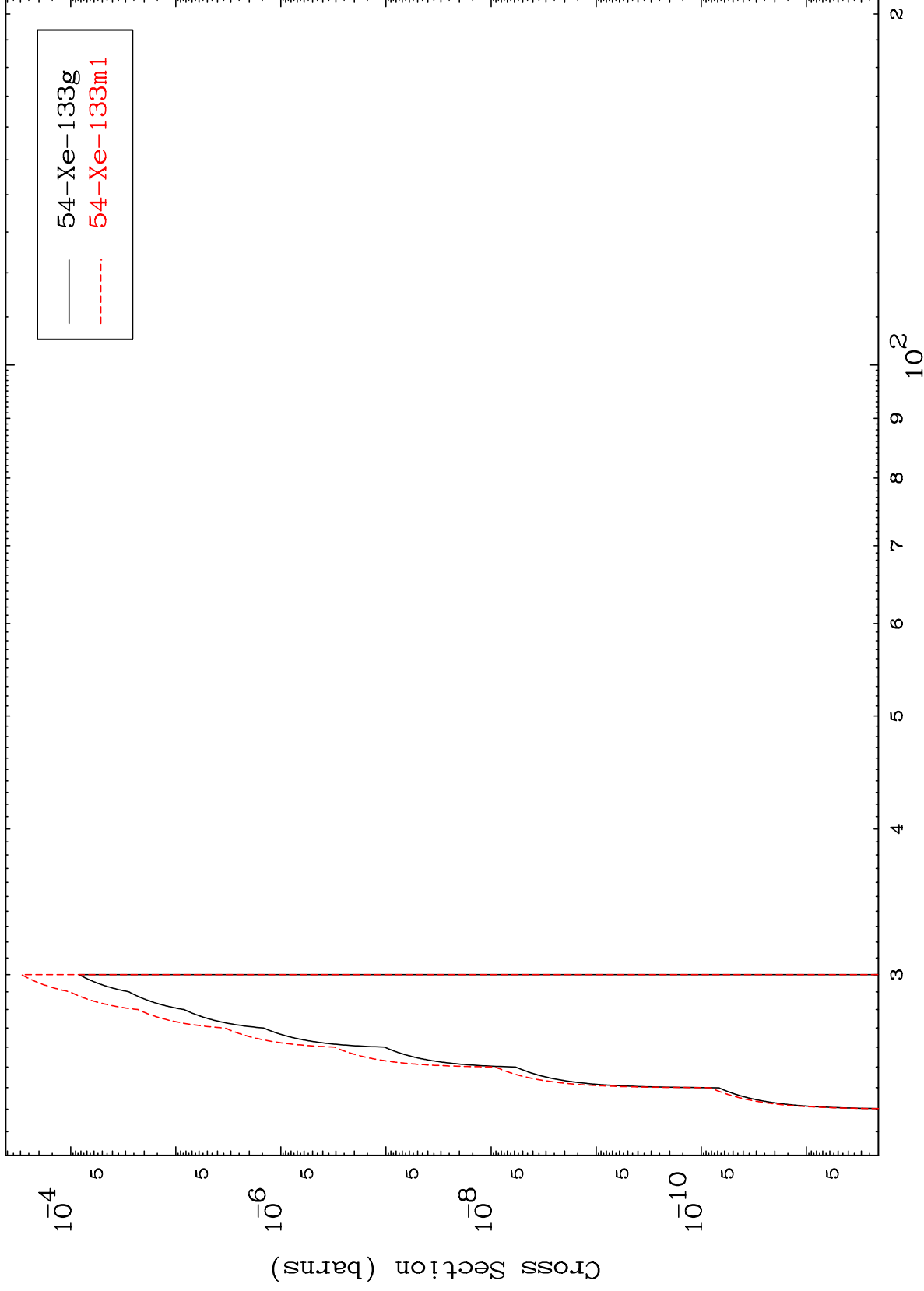
55-Cs-136

MAT 5535

(n,3n) p

55-Cs-136

Radionuclide Production Cross Section



30

Incident Energy (MeV)

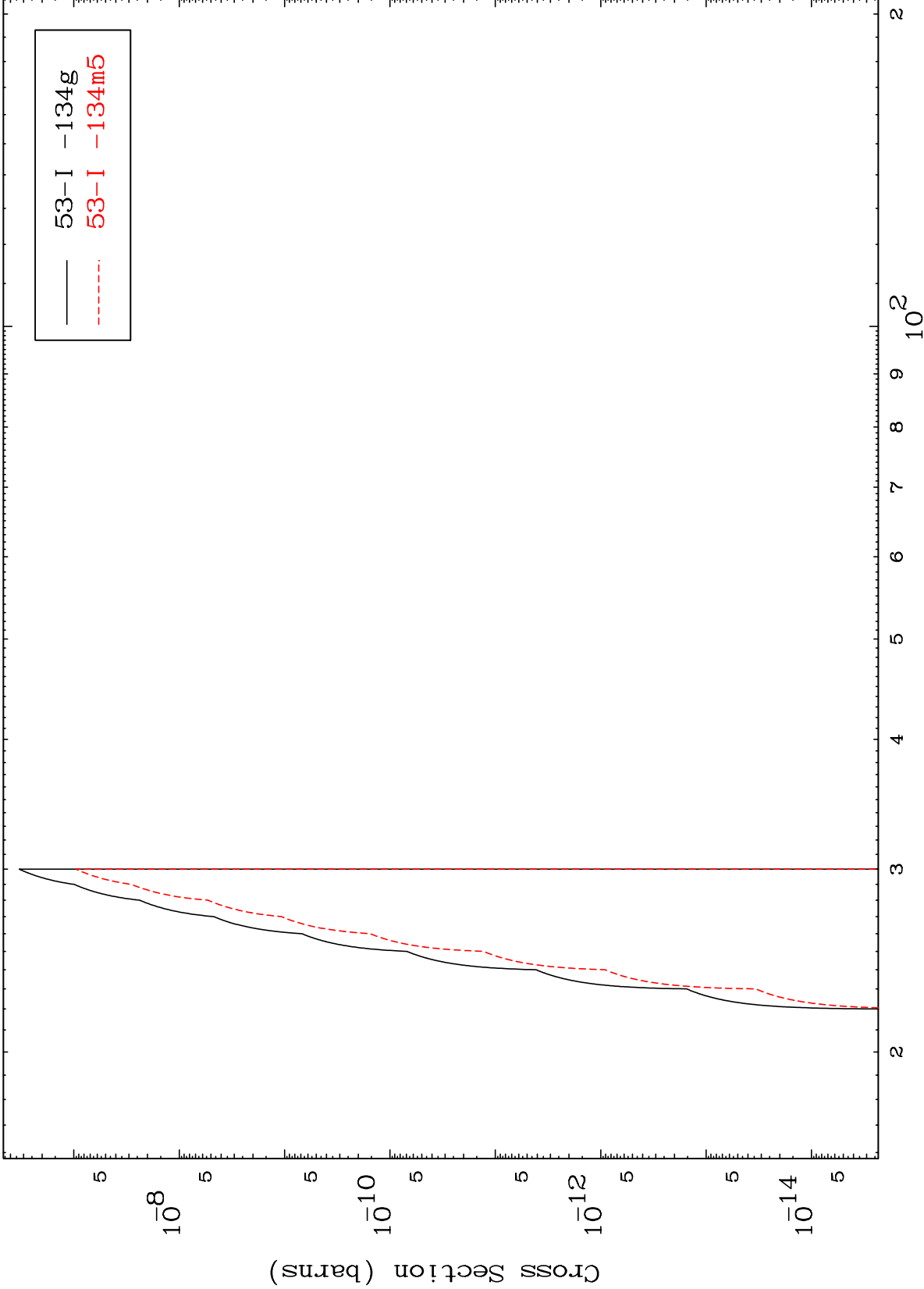
55-Cs-136

MAT 5535

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



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

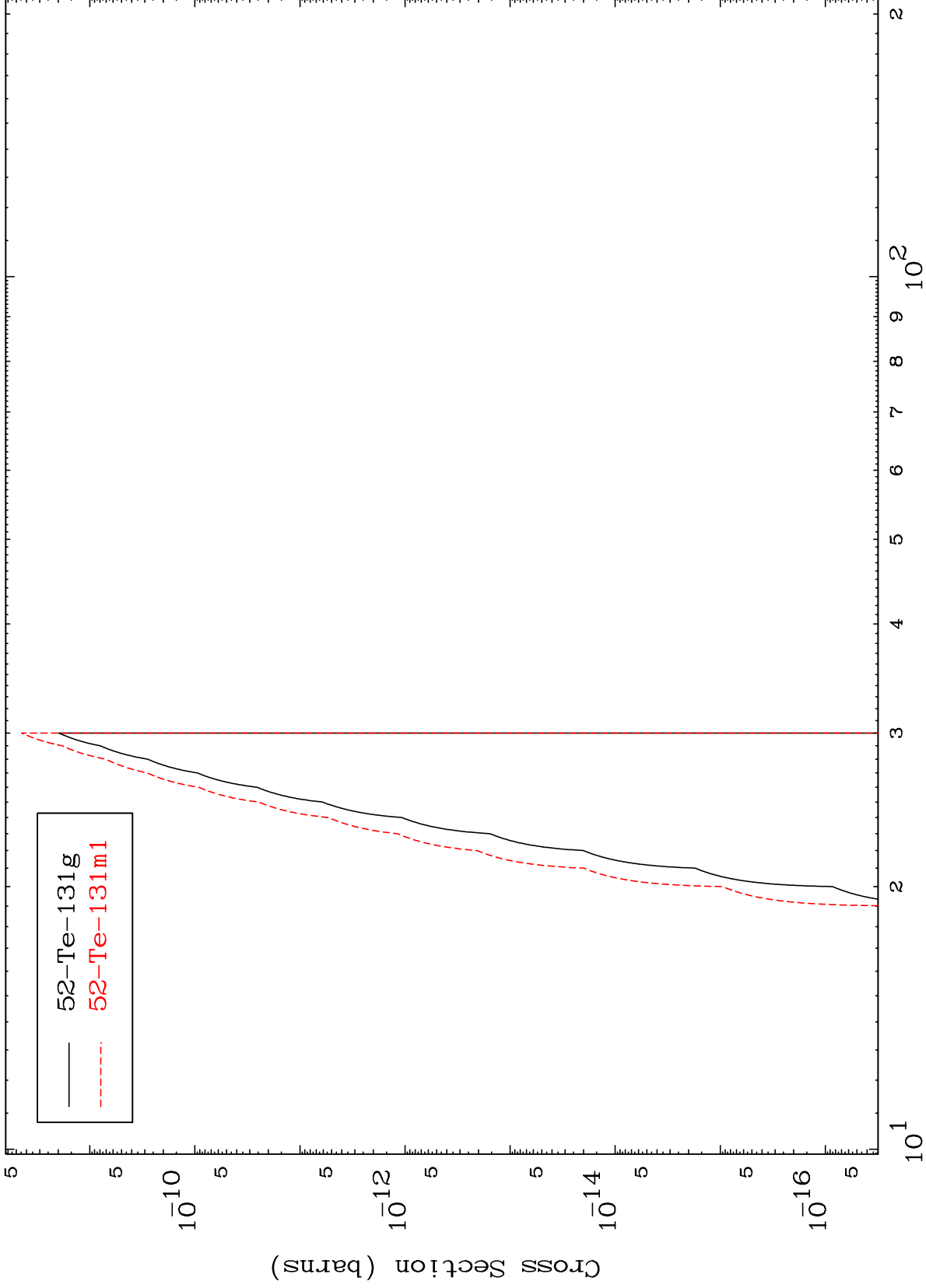


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(n,n') p  $\alpha$

55-Cs-136

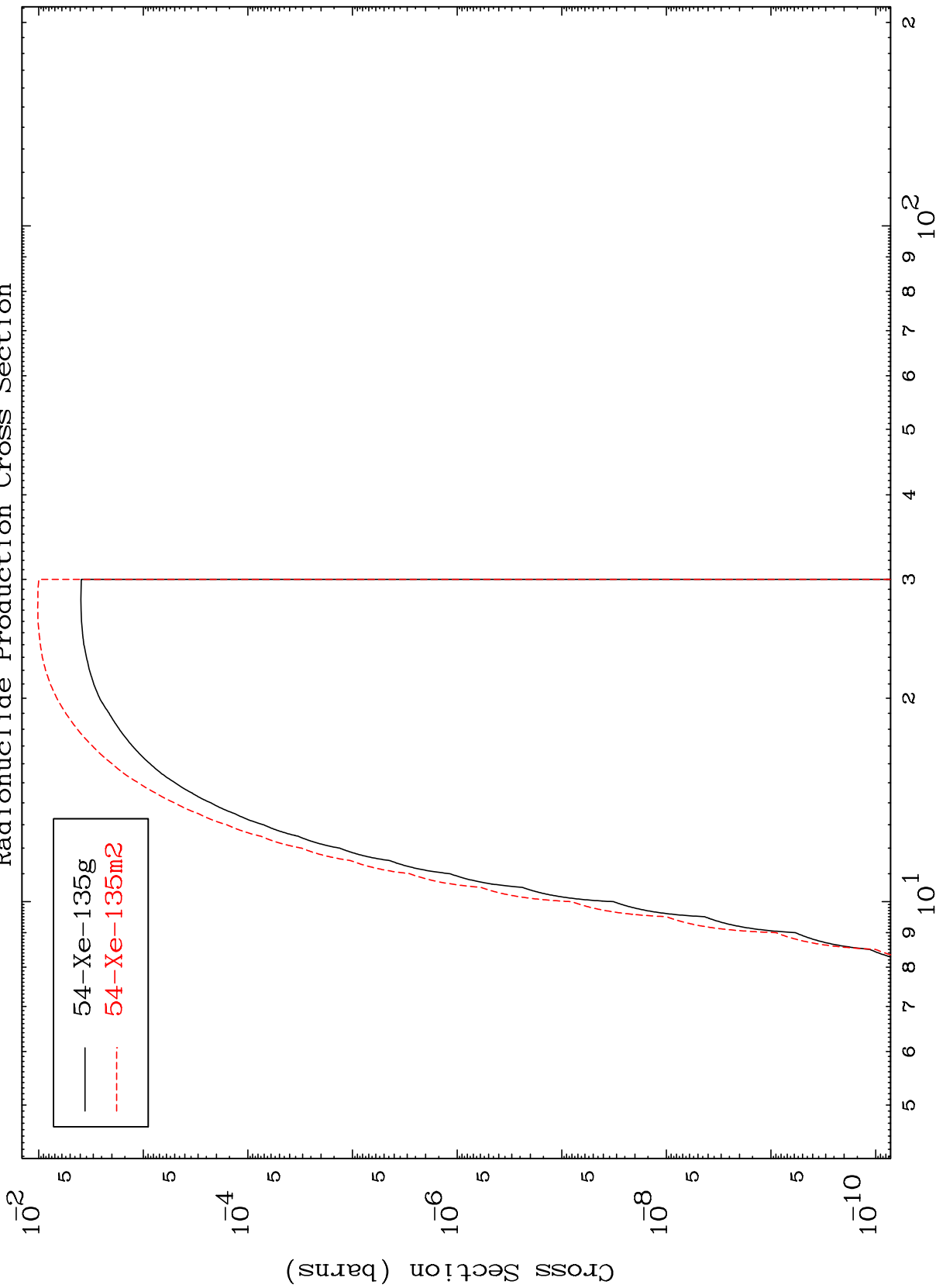
Radionuclide Production Cross Section



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55-Cs-136

(n,d)  
Radionuclide Production Cross Section



Incident Energy (MeV)

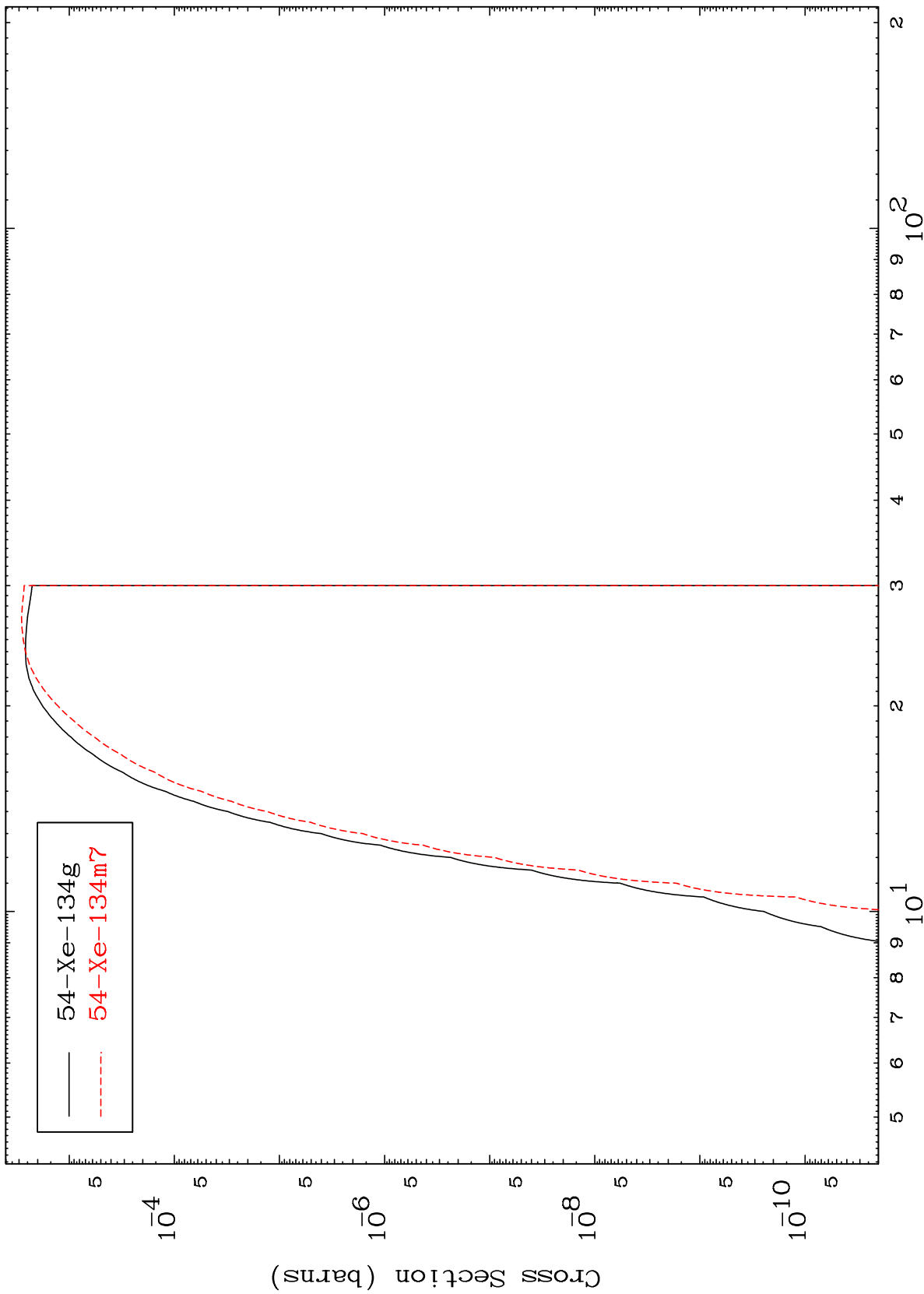
55-Cs-136

33

MAT 5535

55-Cs-136

(n, t)  
Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

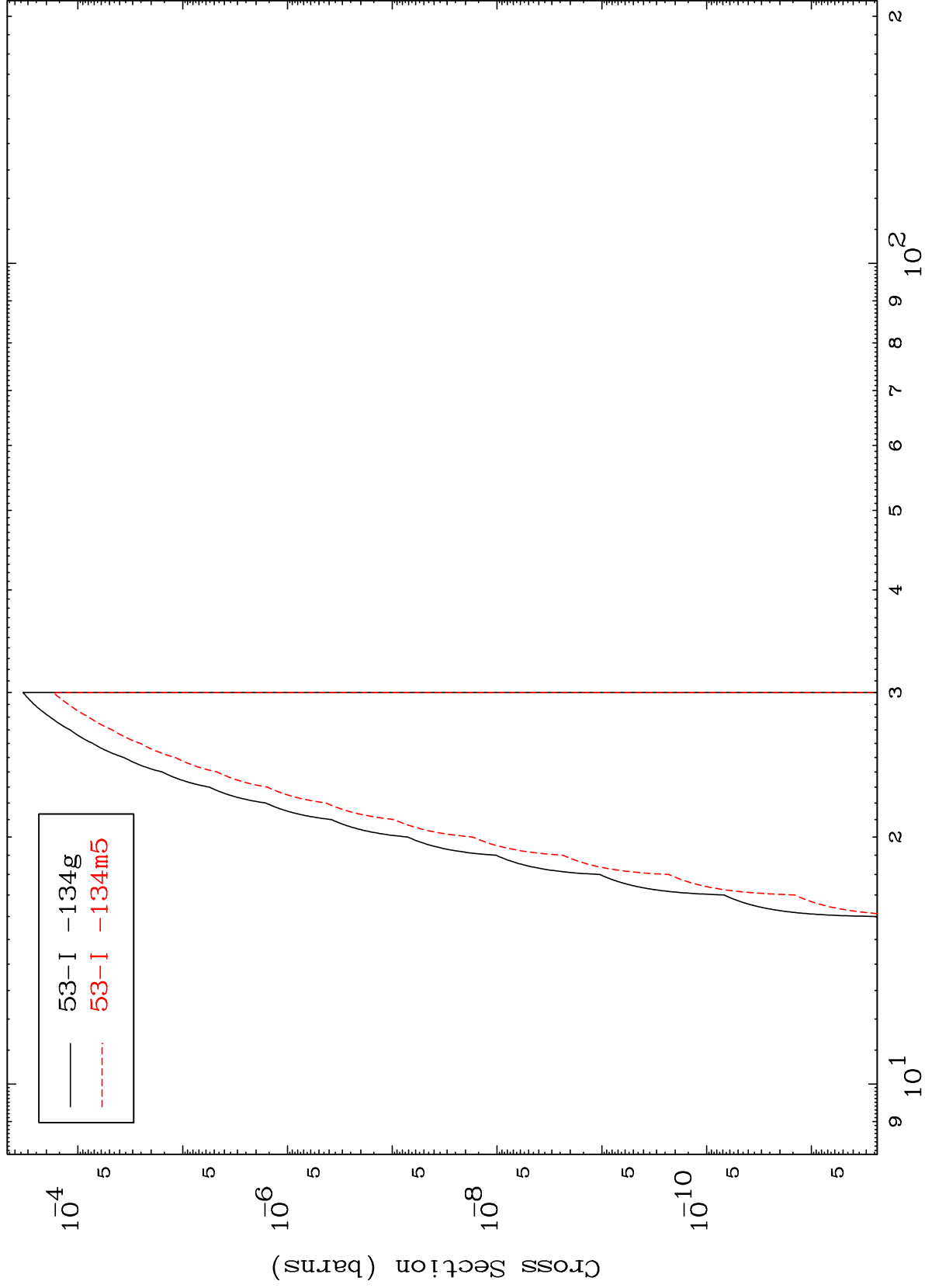
55-Cs-136

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(n,He-3)

55-Cs-136

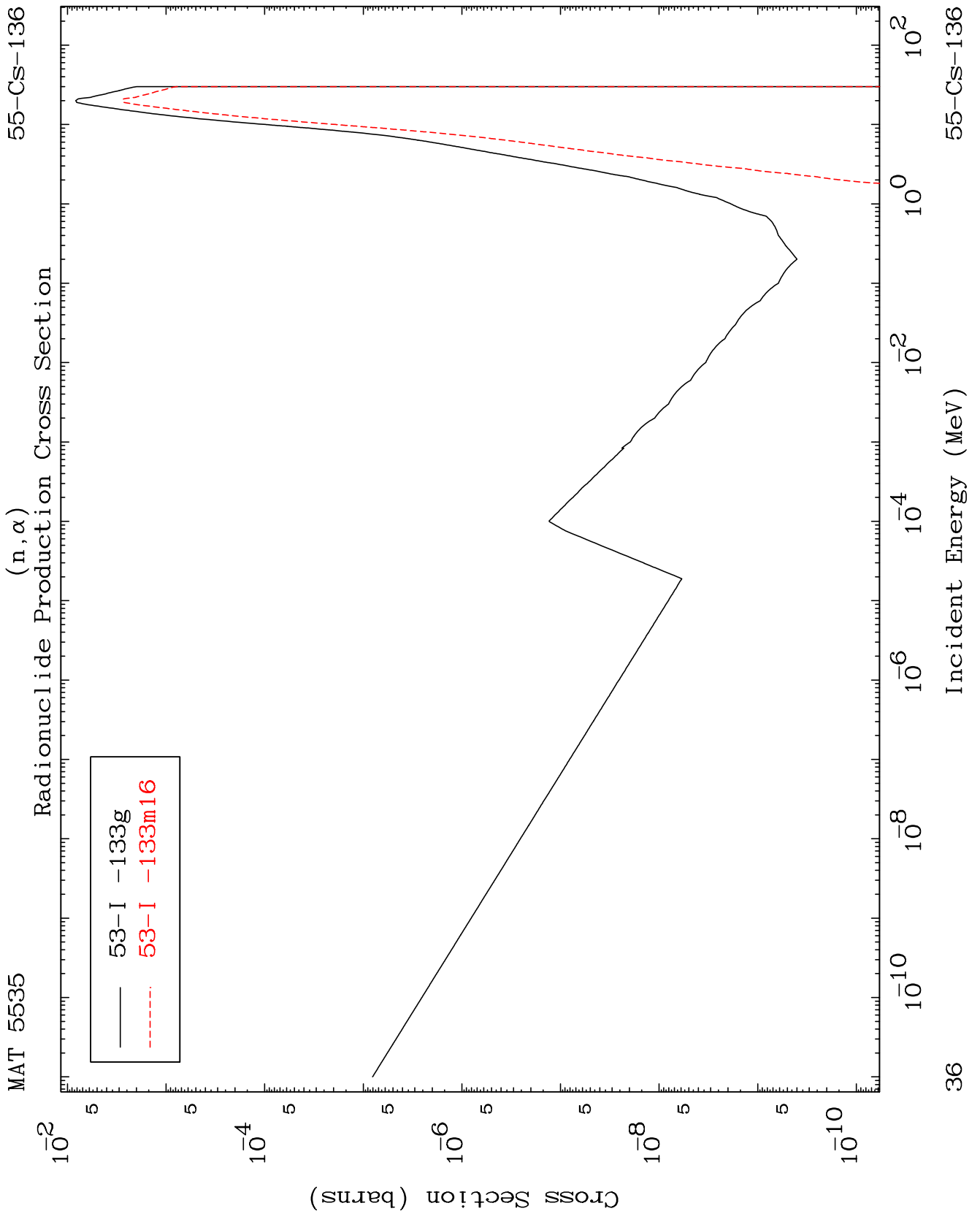
Radionuclide Production Cross Section



35

Incident Energy (MeV)

55-Cs-136

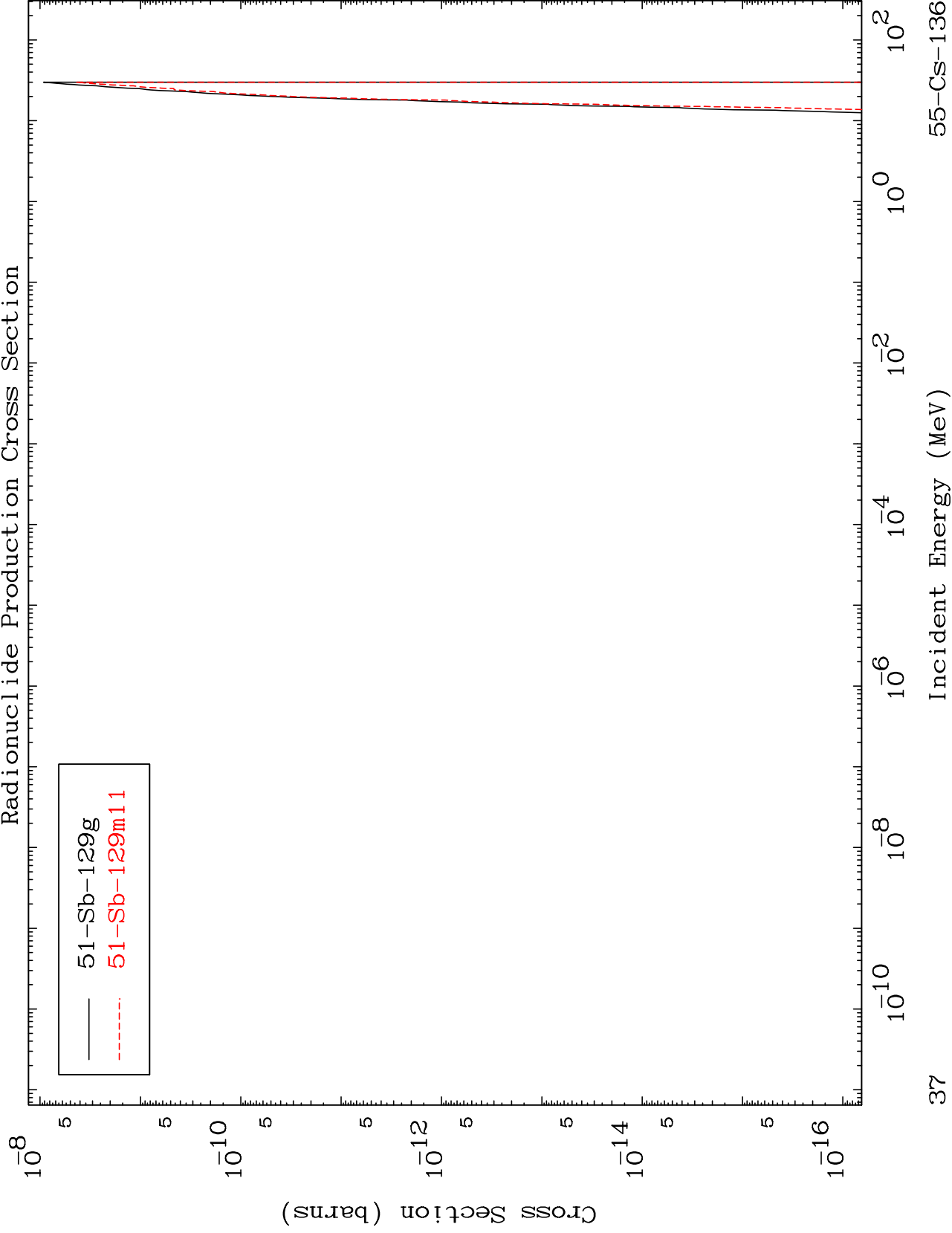


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(n,2α)

55-Cs-136

Radionuclide Production Cross Section



37

Incident Energy (MeV)

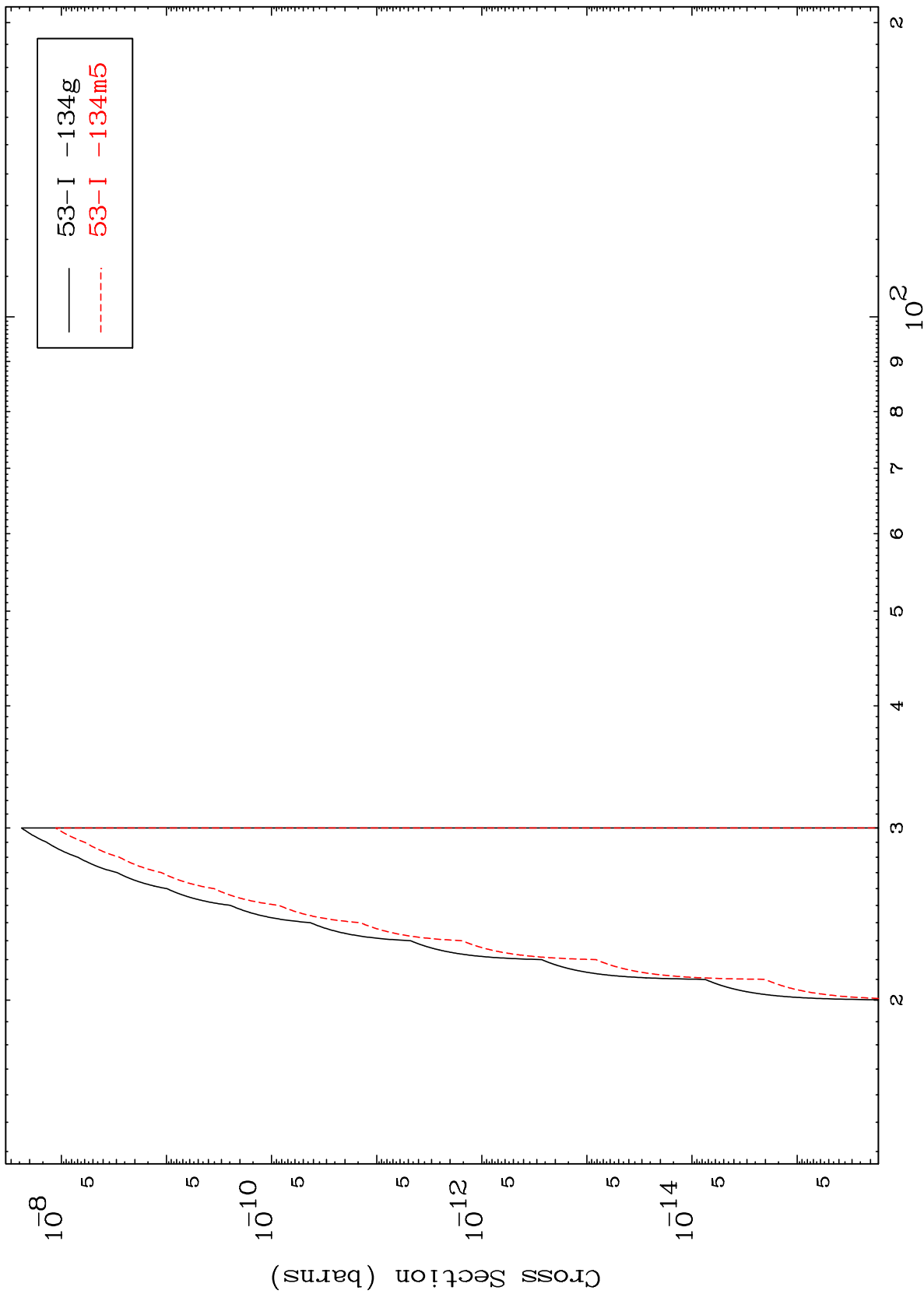
55-Cs-136

MAT 5535

(n,p) d

55-Cs-136

Radionuclide Production Cross Section



38

Incident Energy (MeV)

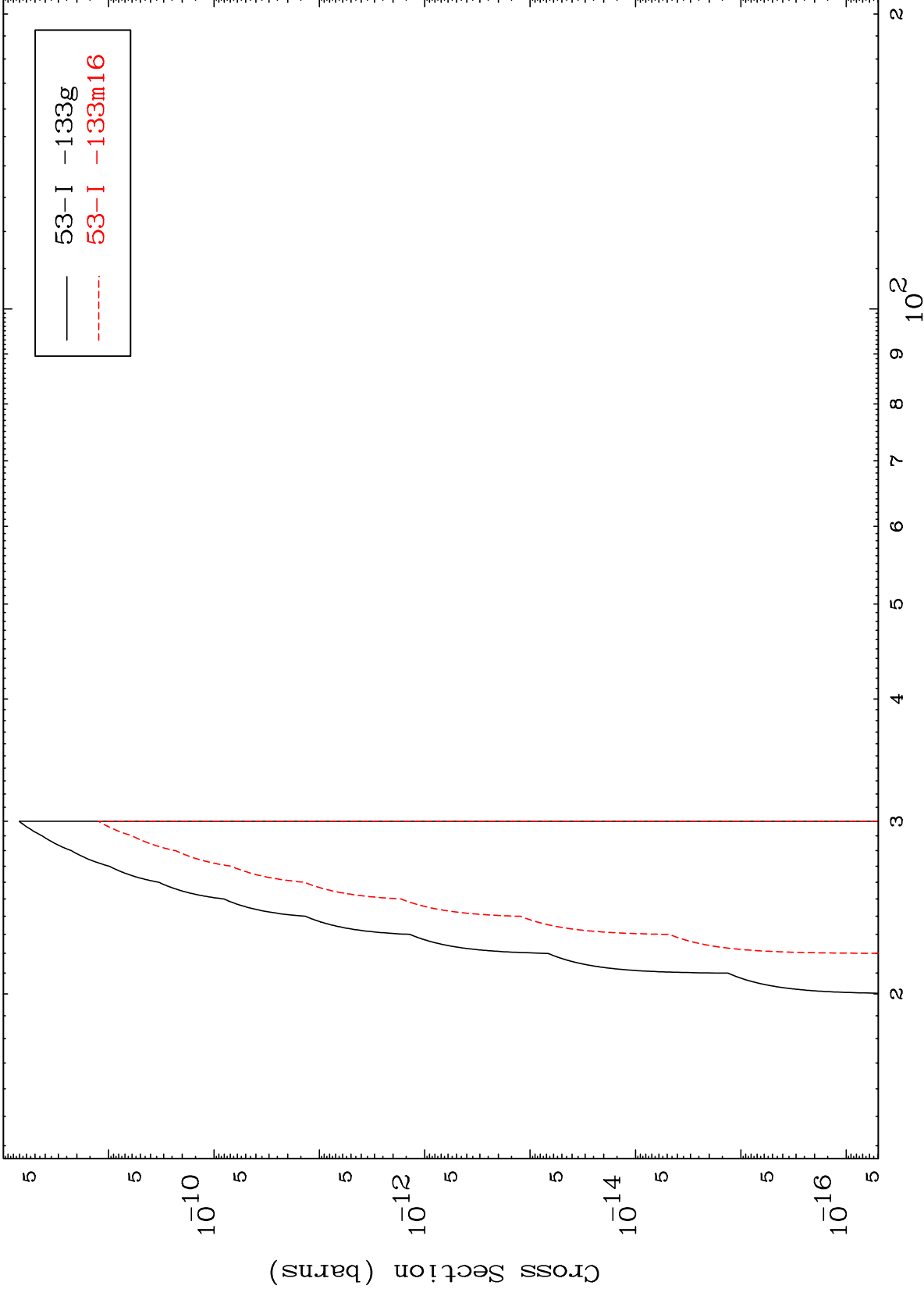
55-Cs-136

MAT 5535

(n,p) t

55-Cs-136

Radionuclide Production Cross Section



39

Incident Energy (MeV)

55-Cs-136

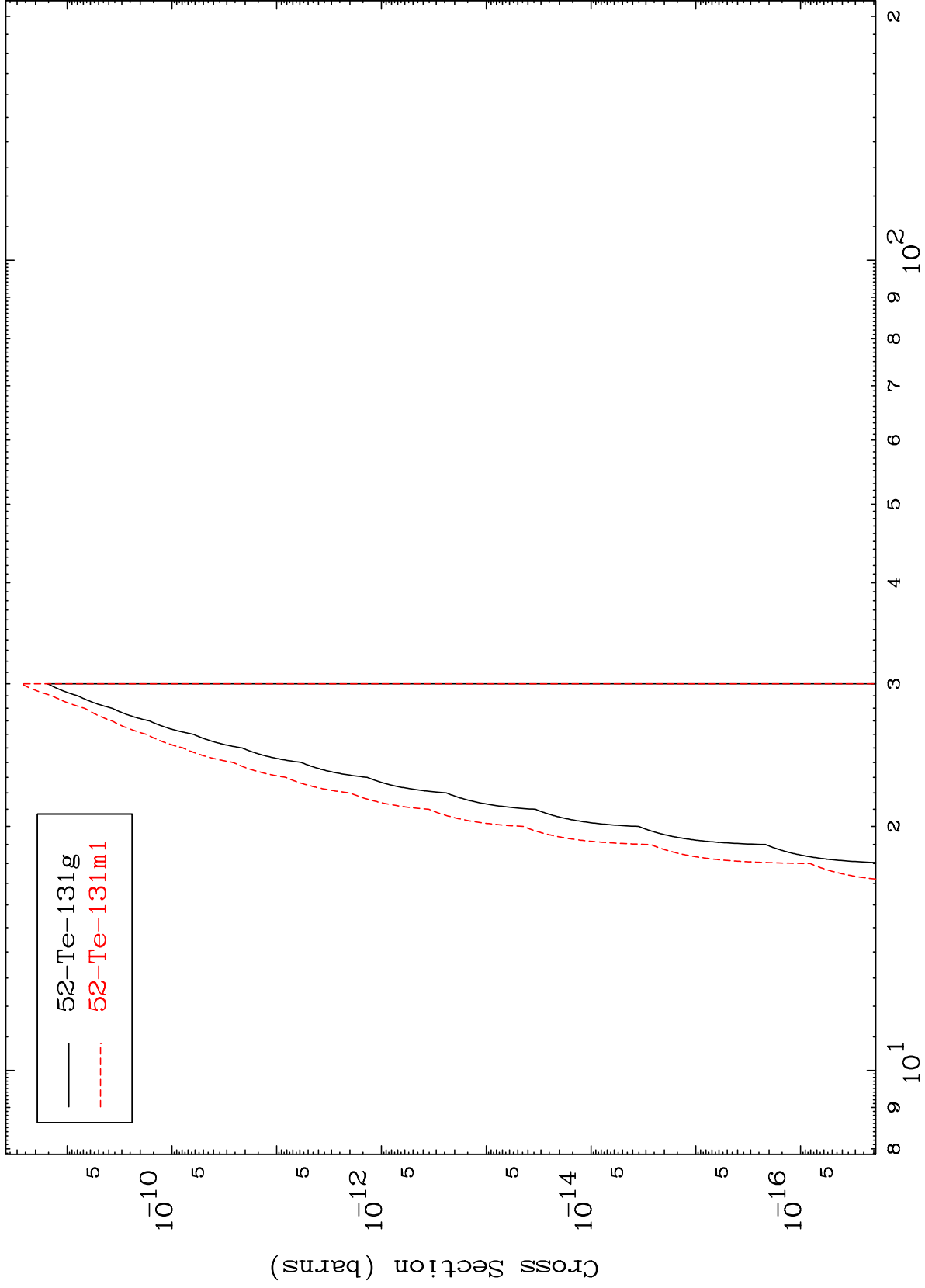


MAT 5535

(n,d)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



40

Incident Energy (MeV)

55-Cs-136