

Program EVALPLOT  
(Version 2018-1)

by

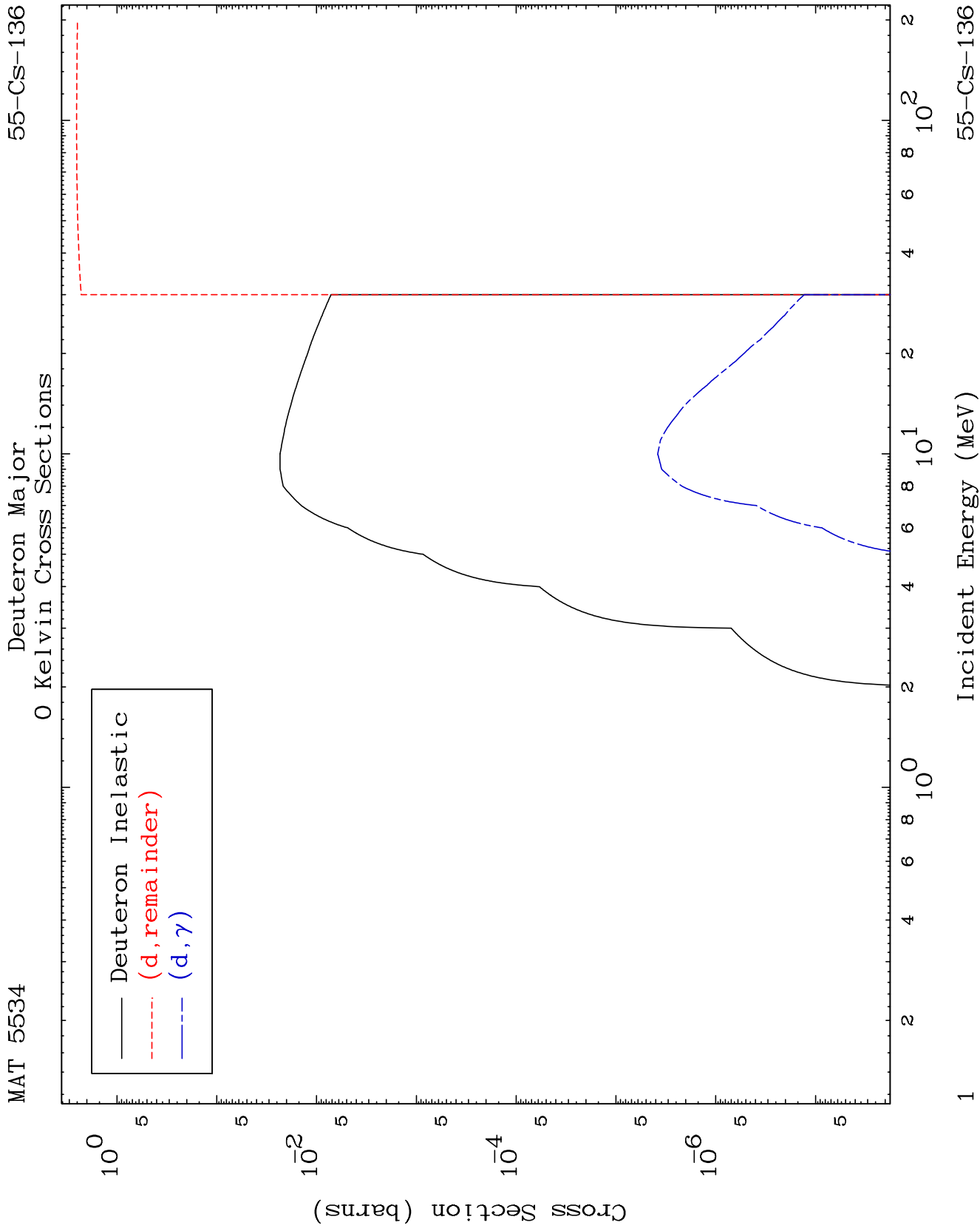
Dermott E. Cullen  
(Present Contact Information)

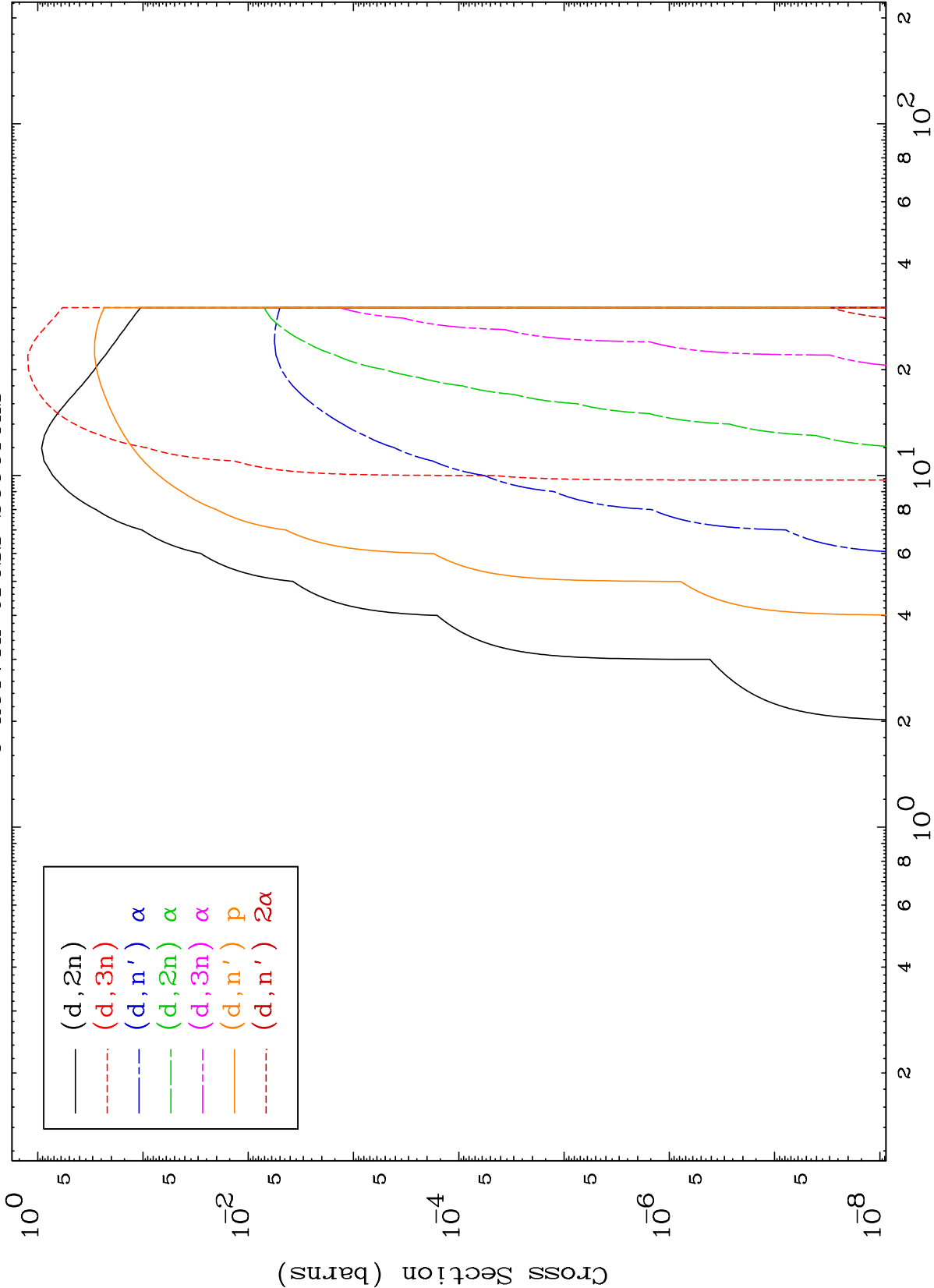
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

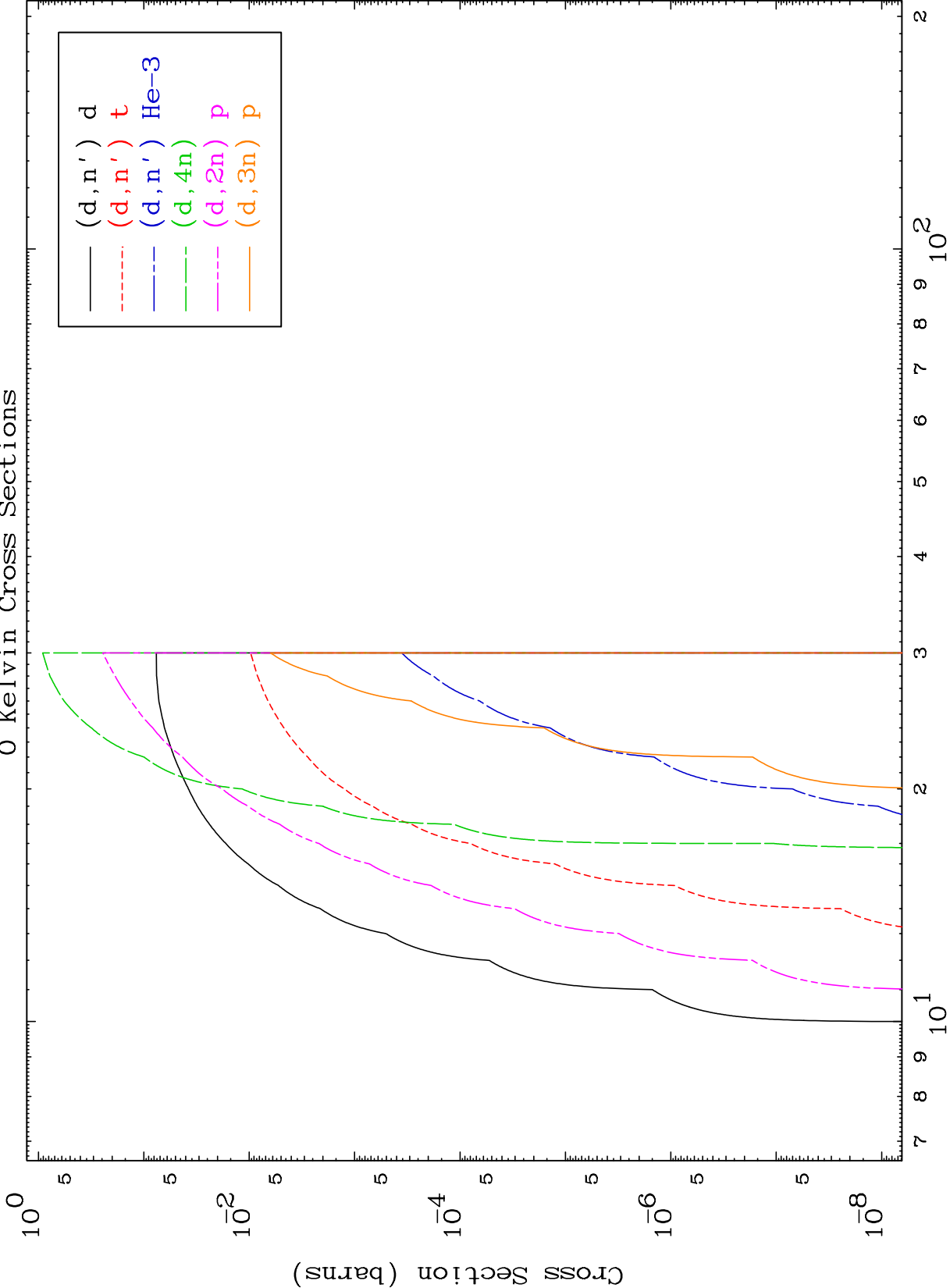
Tele: 925-443-1911

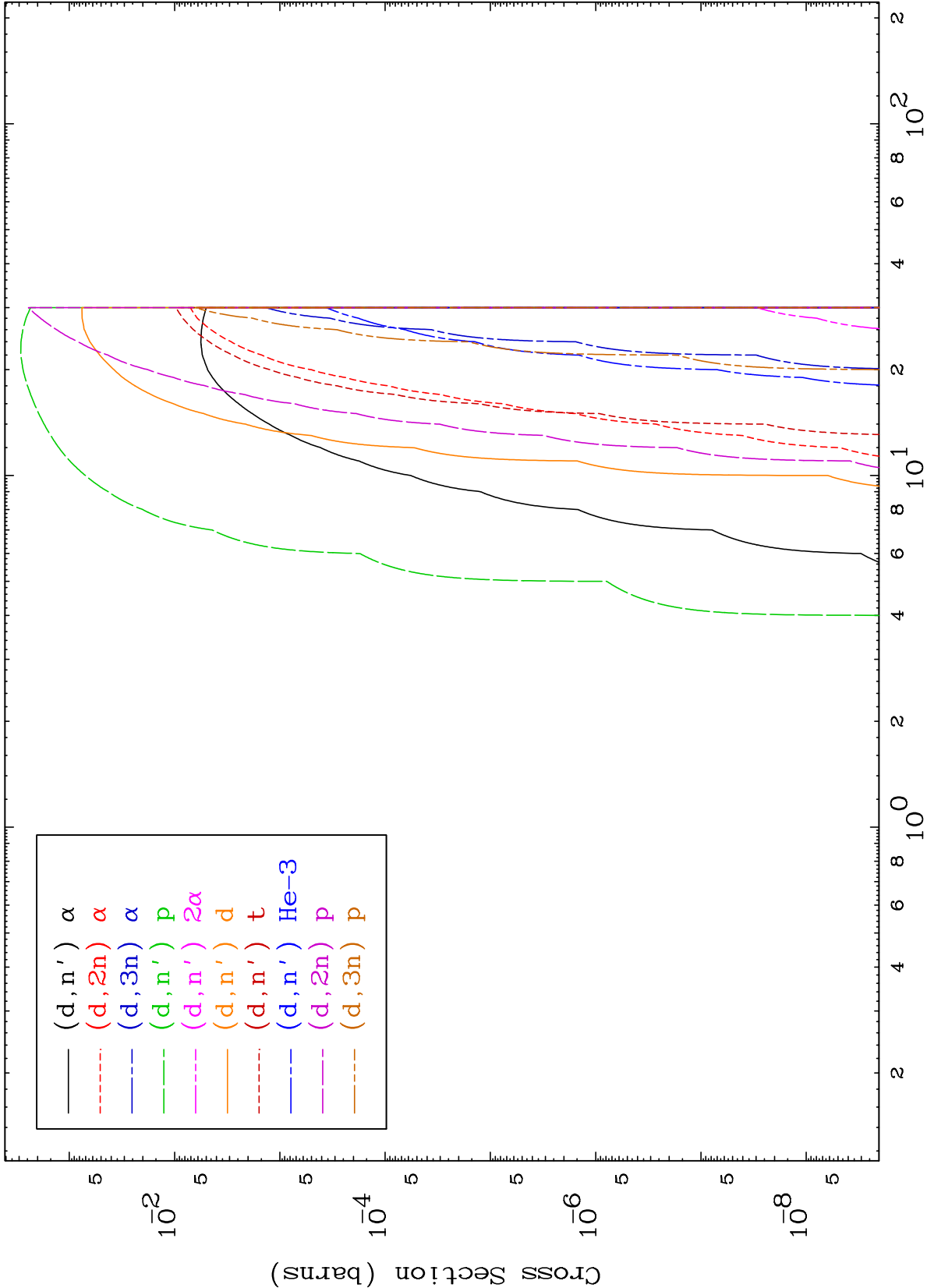
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

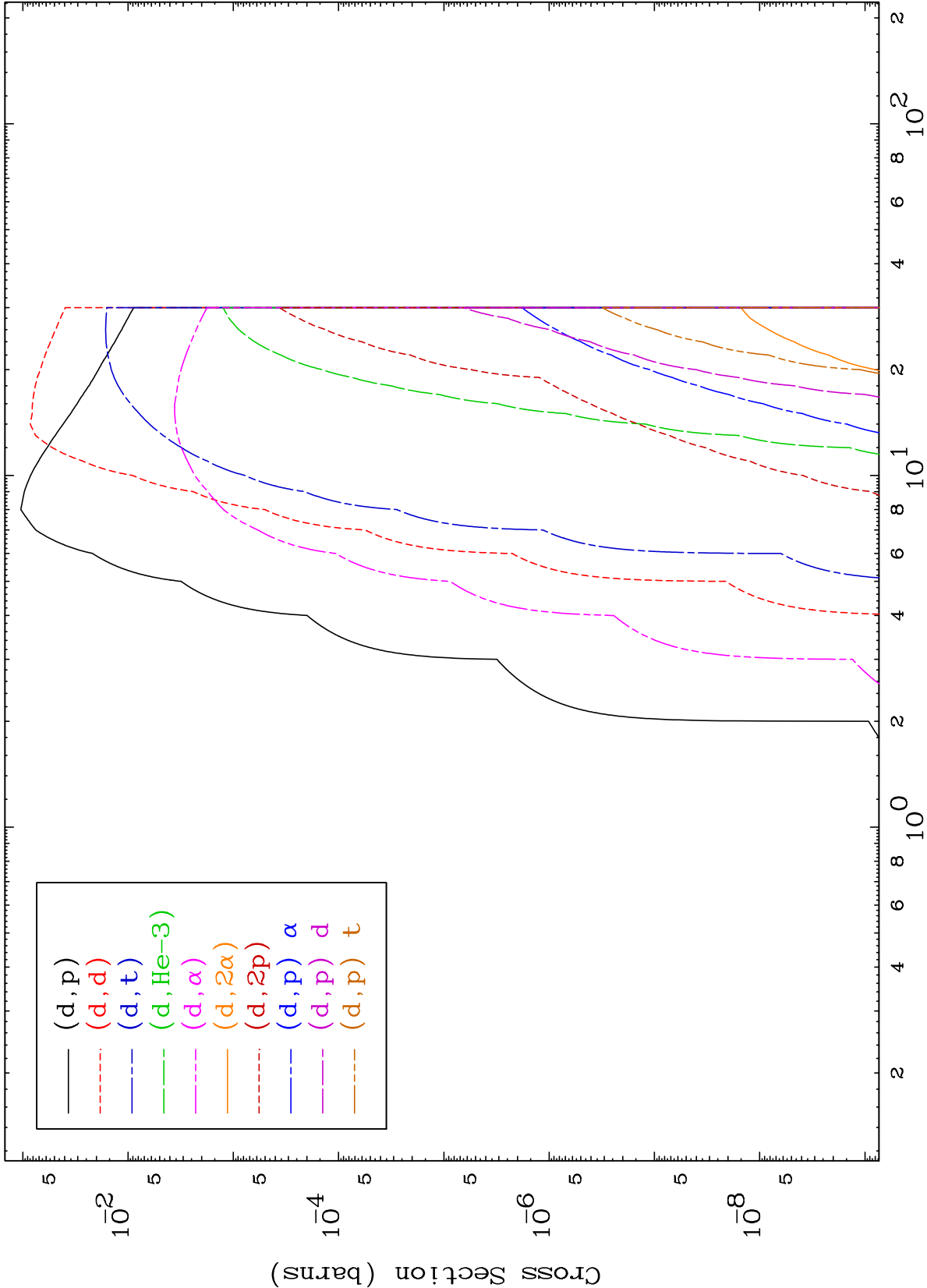
Press Mouse Button to Start









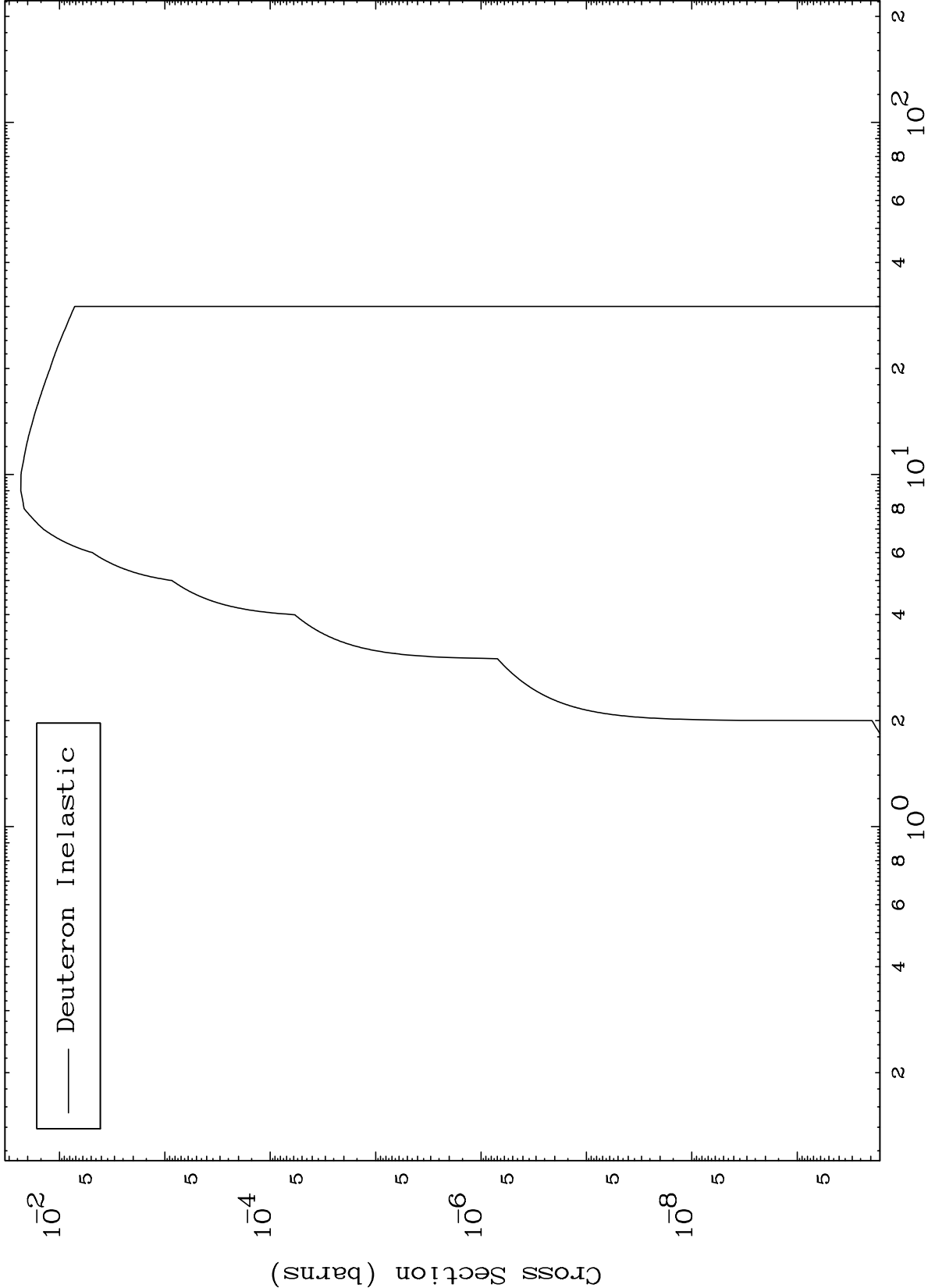


MAT 5534

(d,n') Level

55-Cs-136

0 Kelvin Cross Sections



6

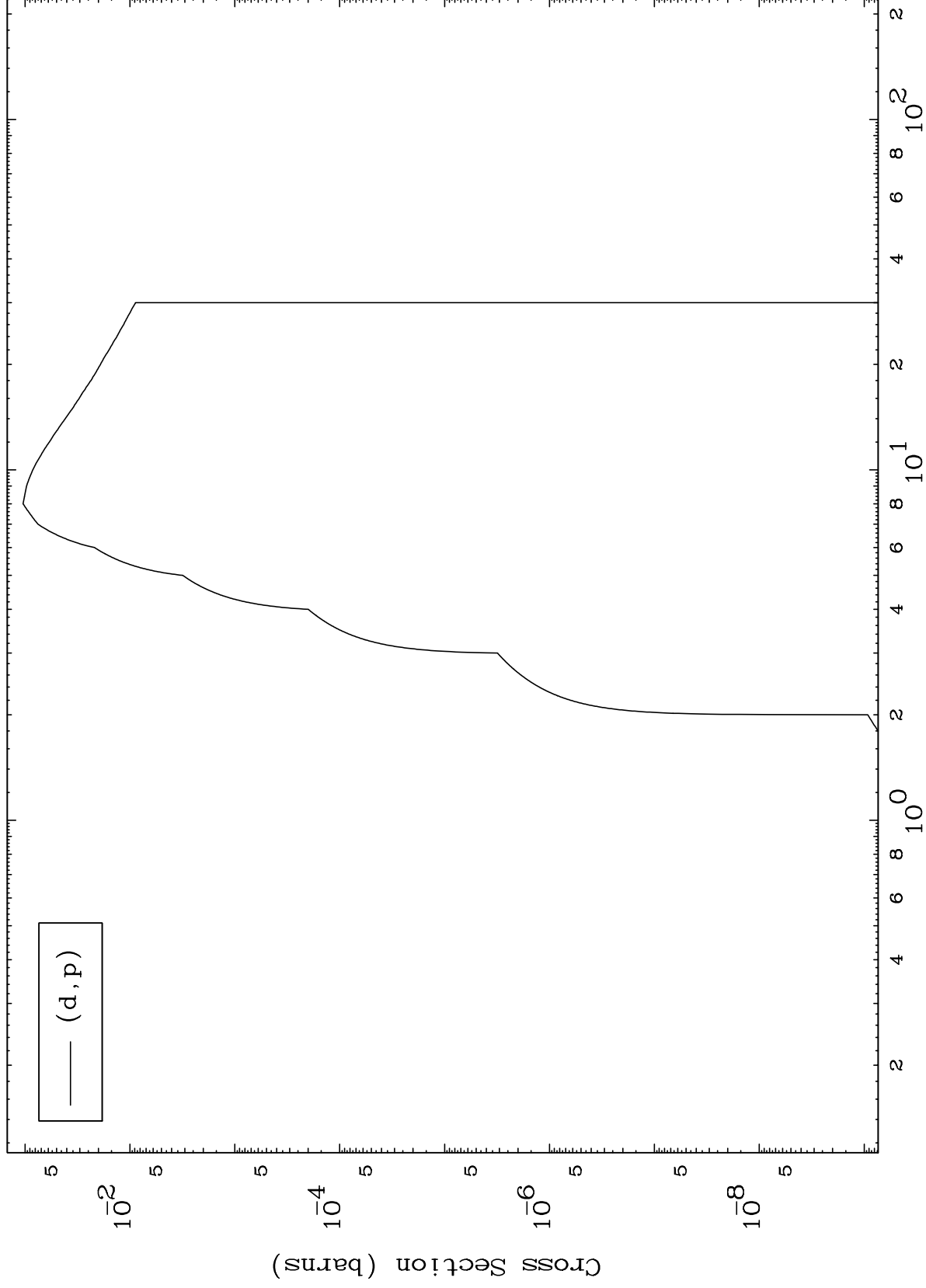
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(d,p) Levels  
0 Kelvin Cross Sections



55-Cs-136

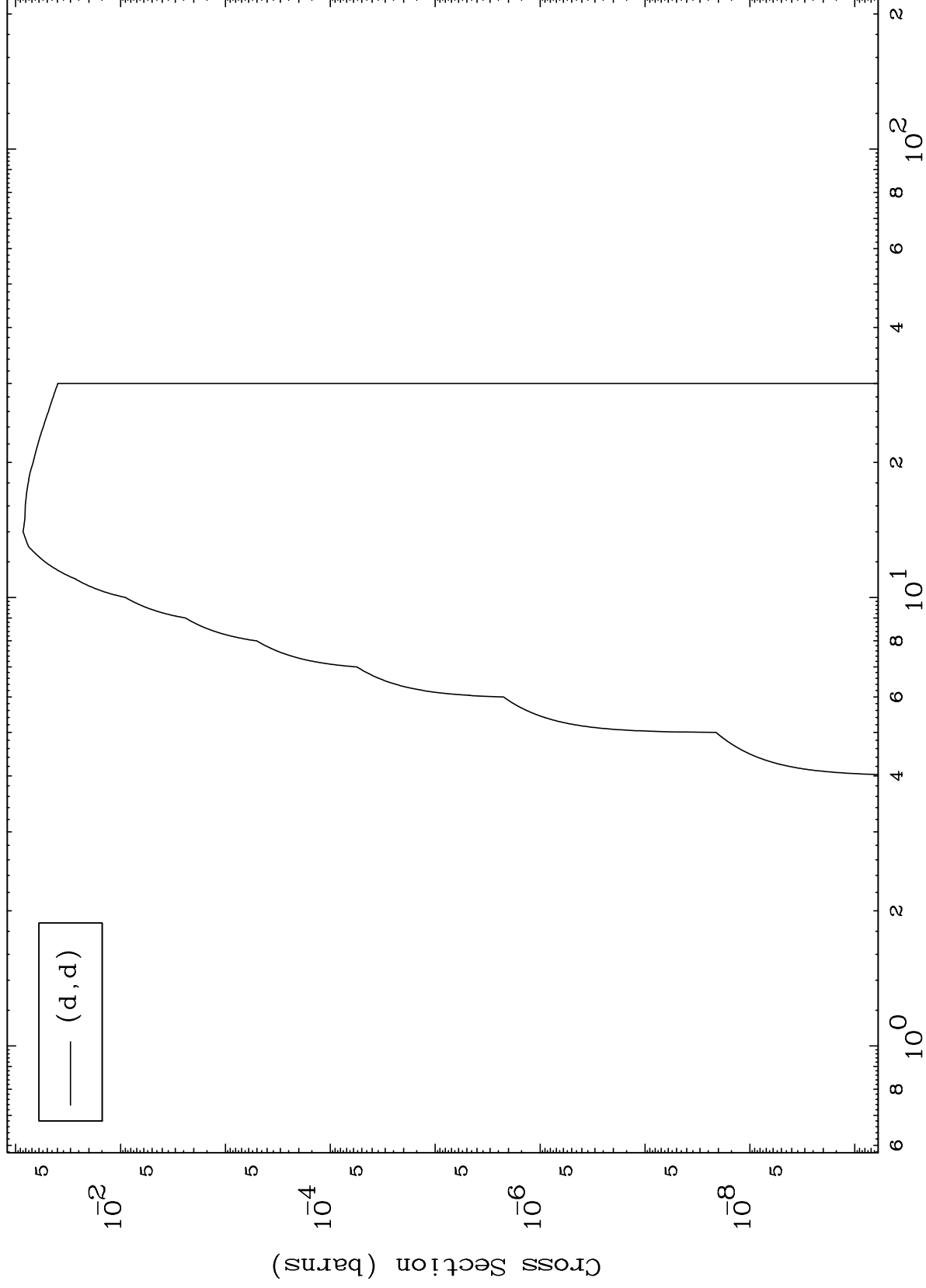
Incident Energy (MeV)

7

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55-Cs-136

(d,d) Levels  
0 Kelvin Cross Sections



55-Cs-136

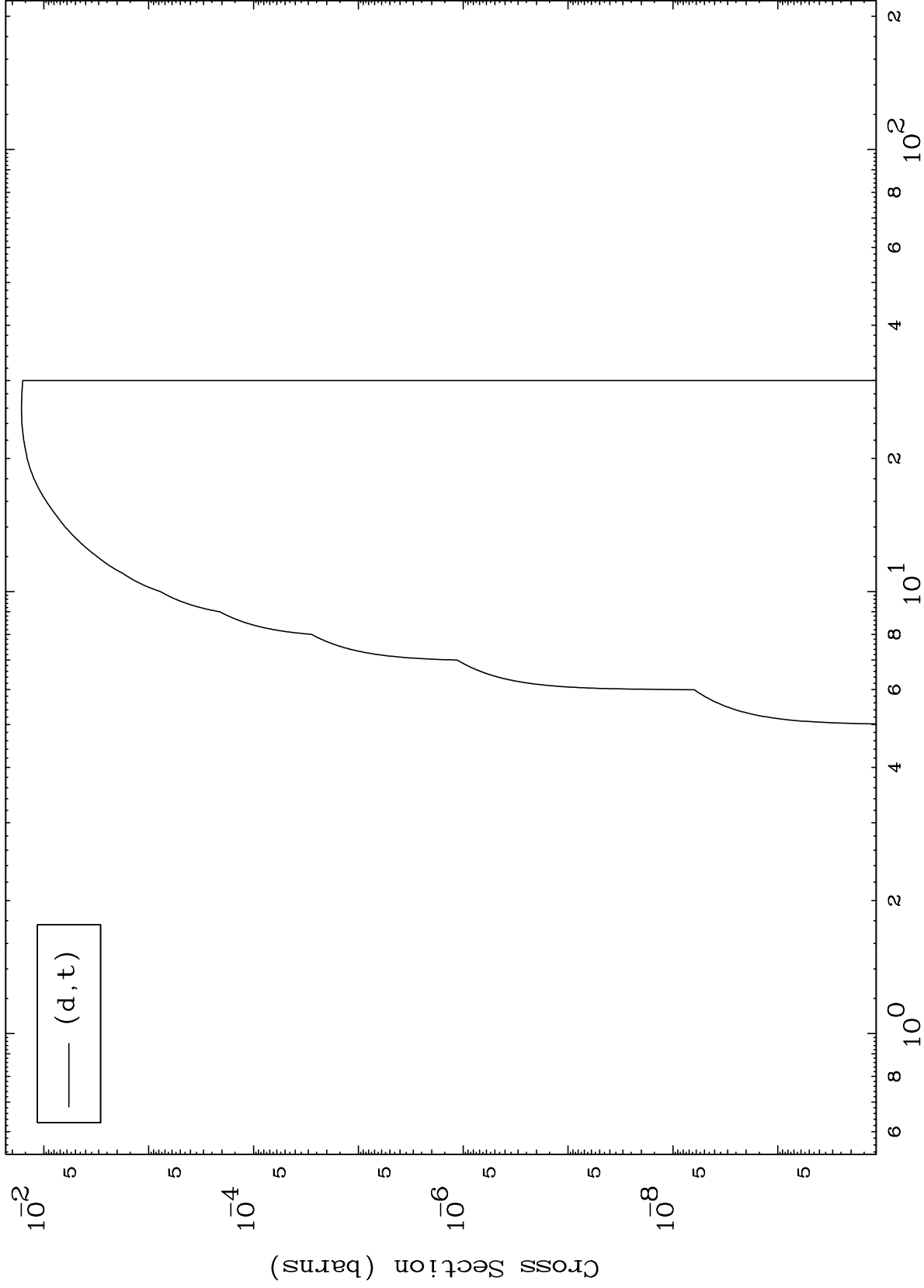
Incident Energy (MeV)

8

MAT 5534

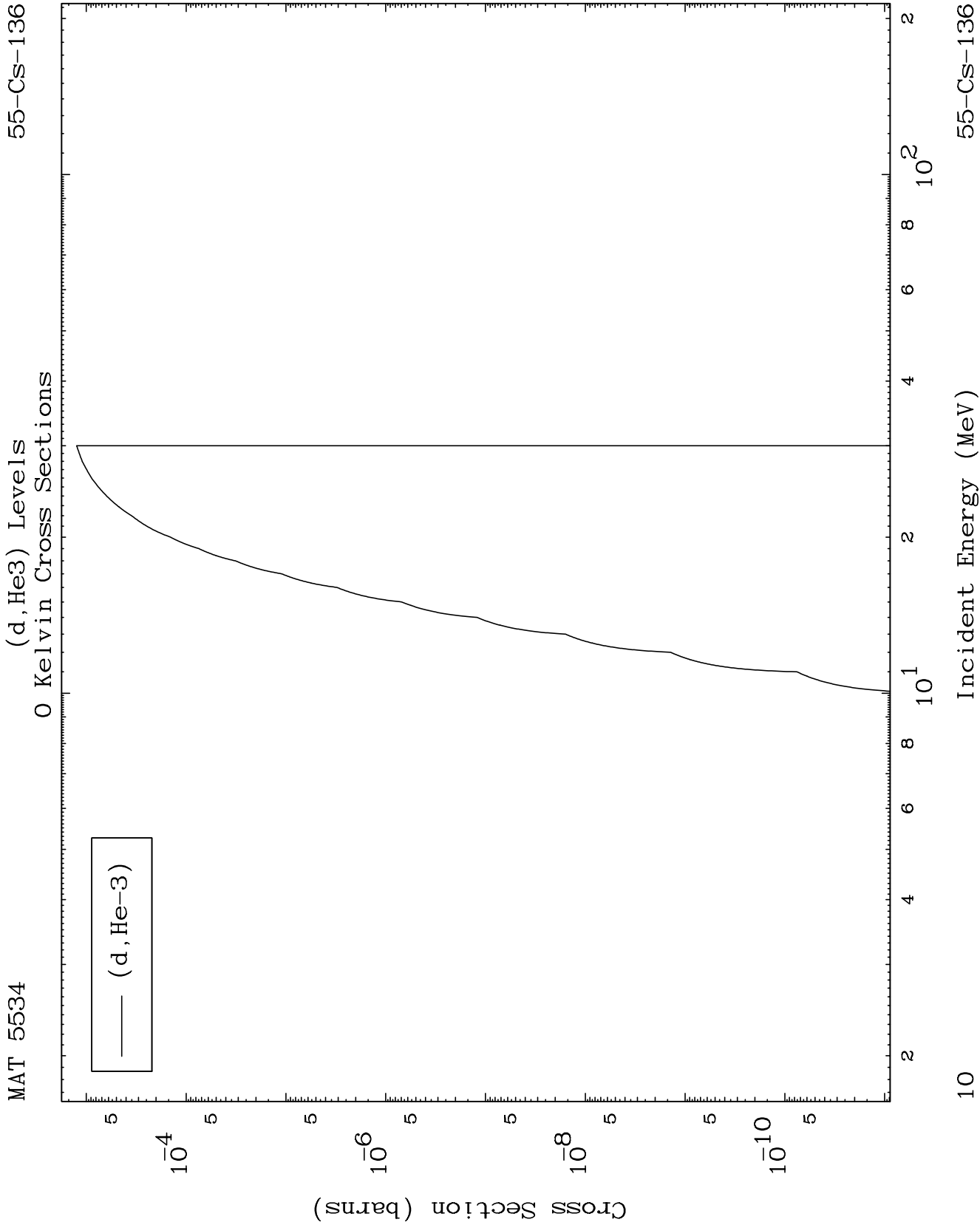
55-Cs-136

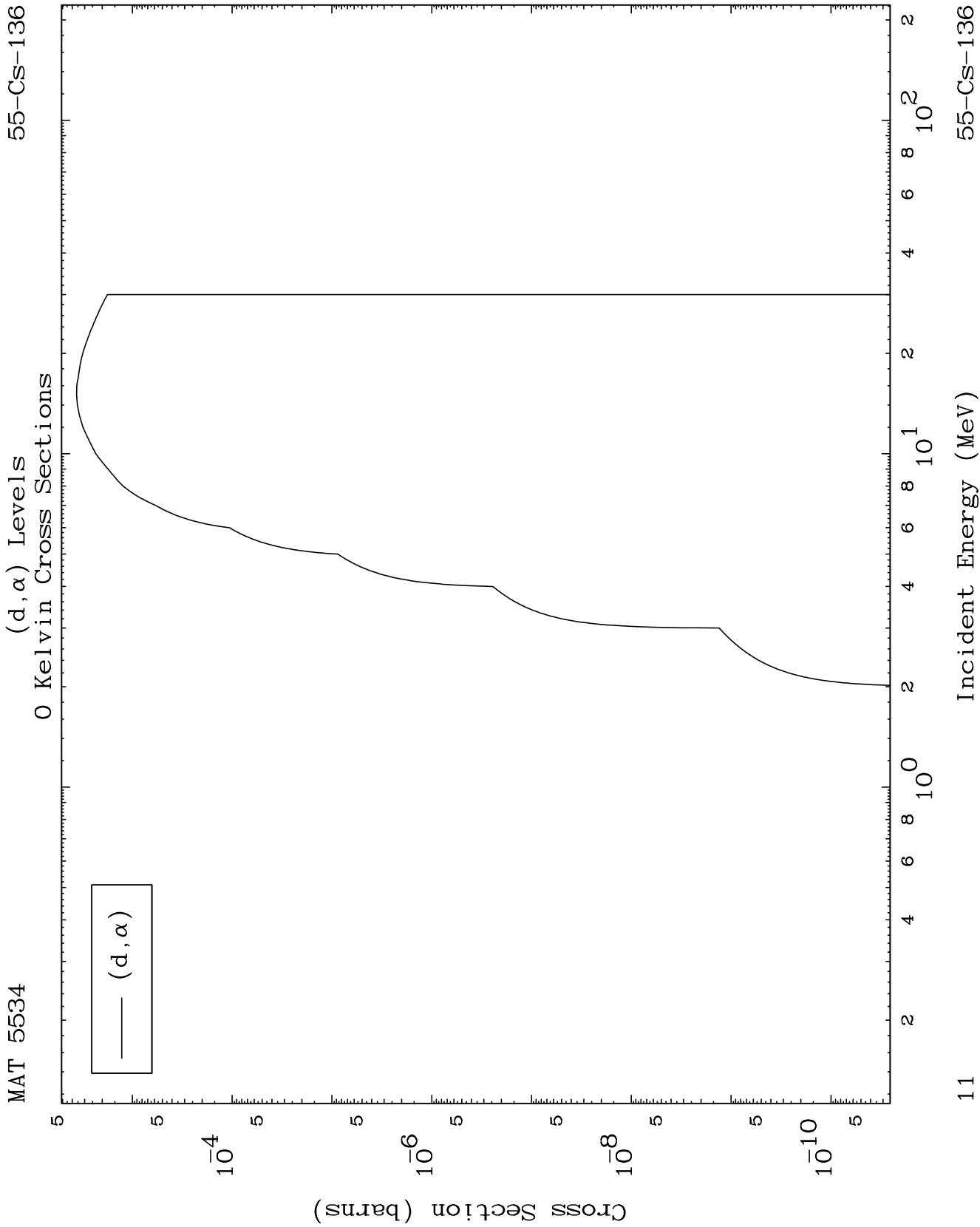
(d,t) Levels  
0 Kelvin Cross Sections

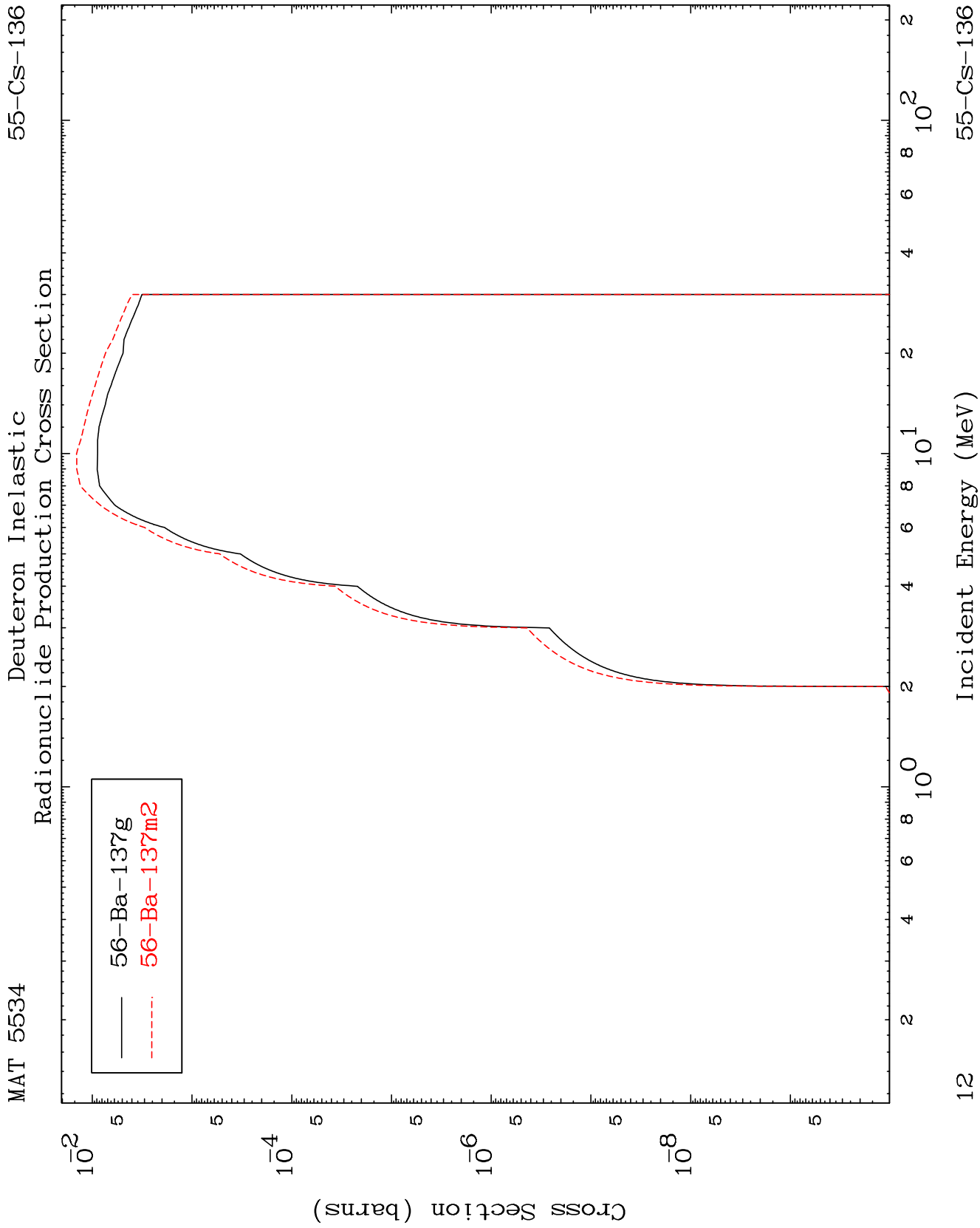


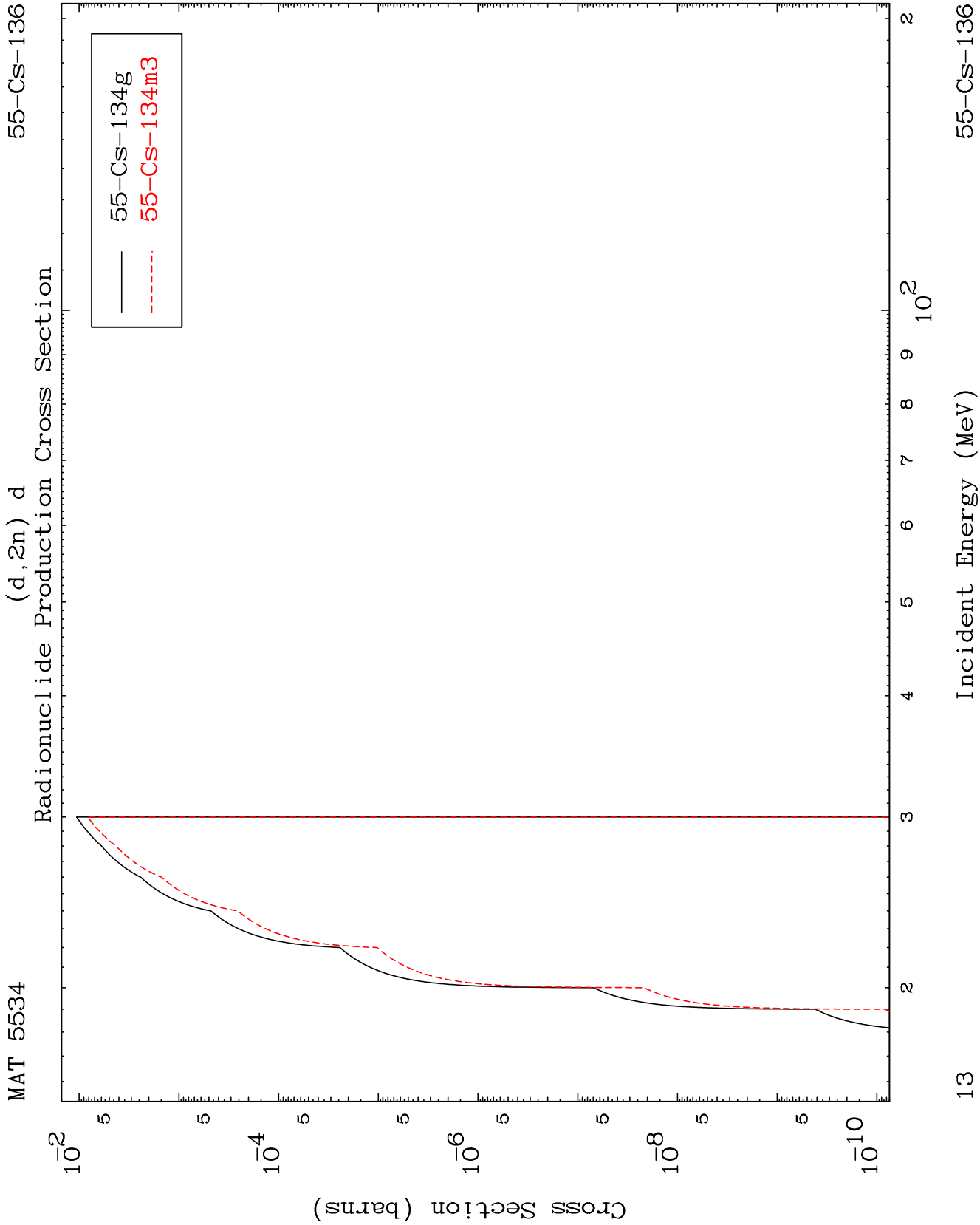
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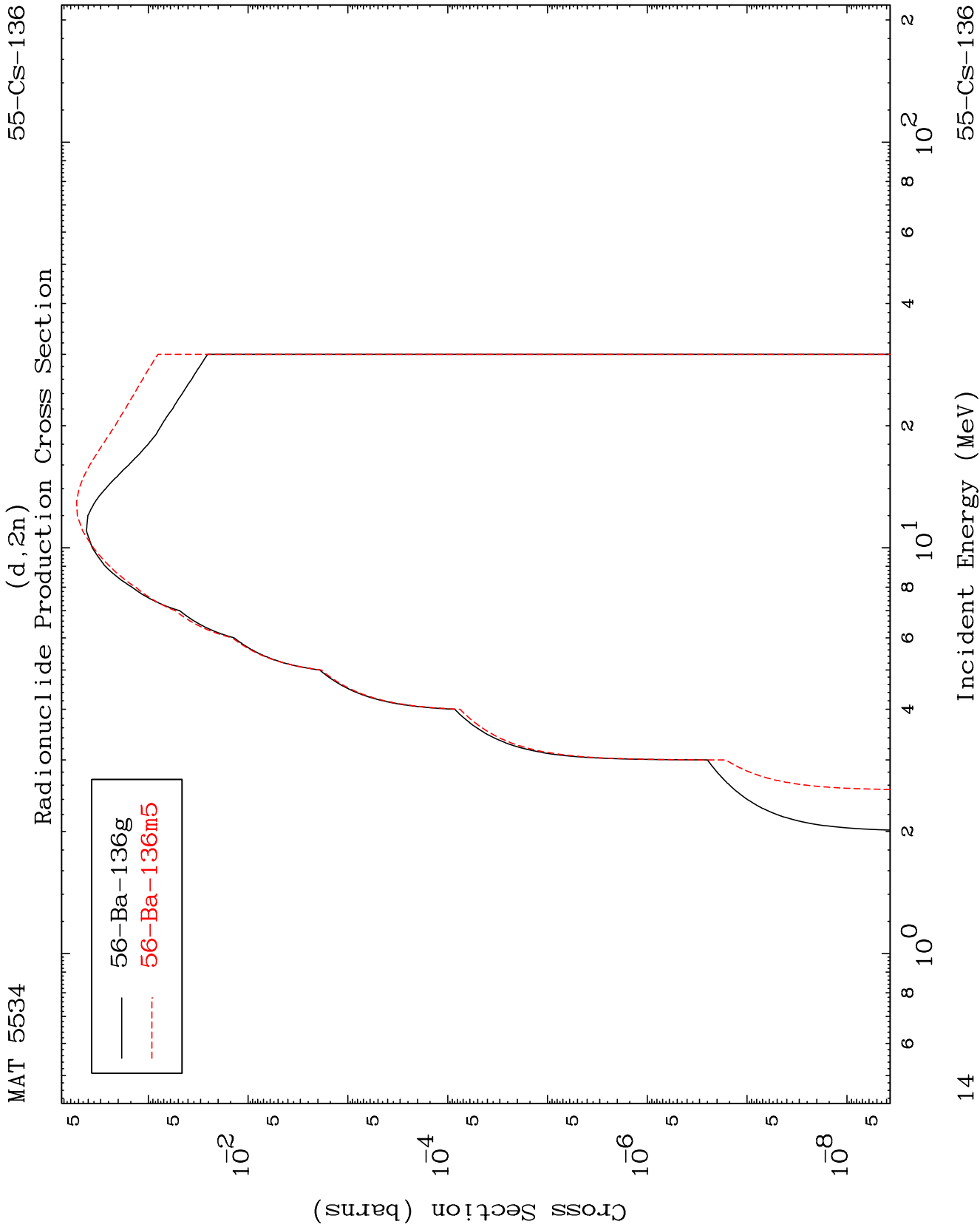
55-Cs-136

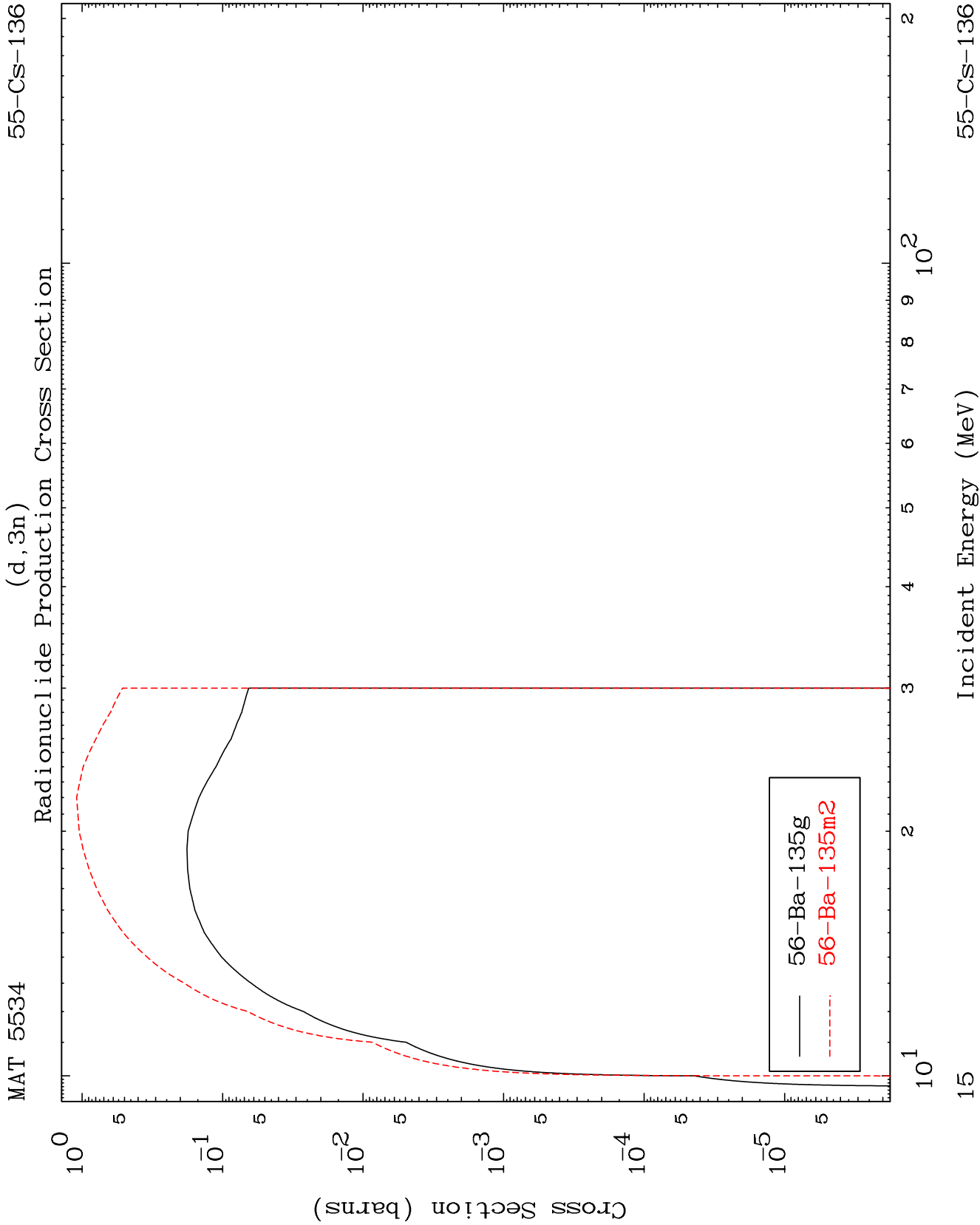


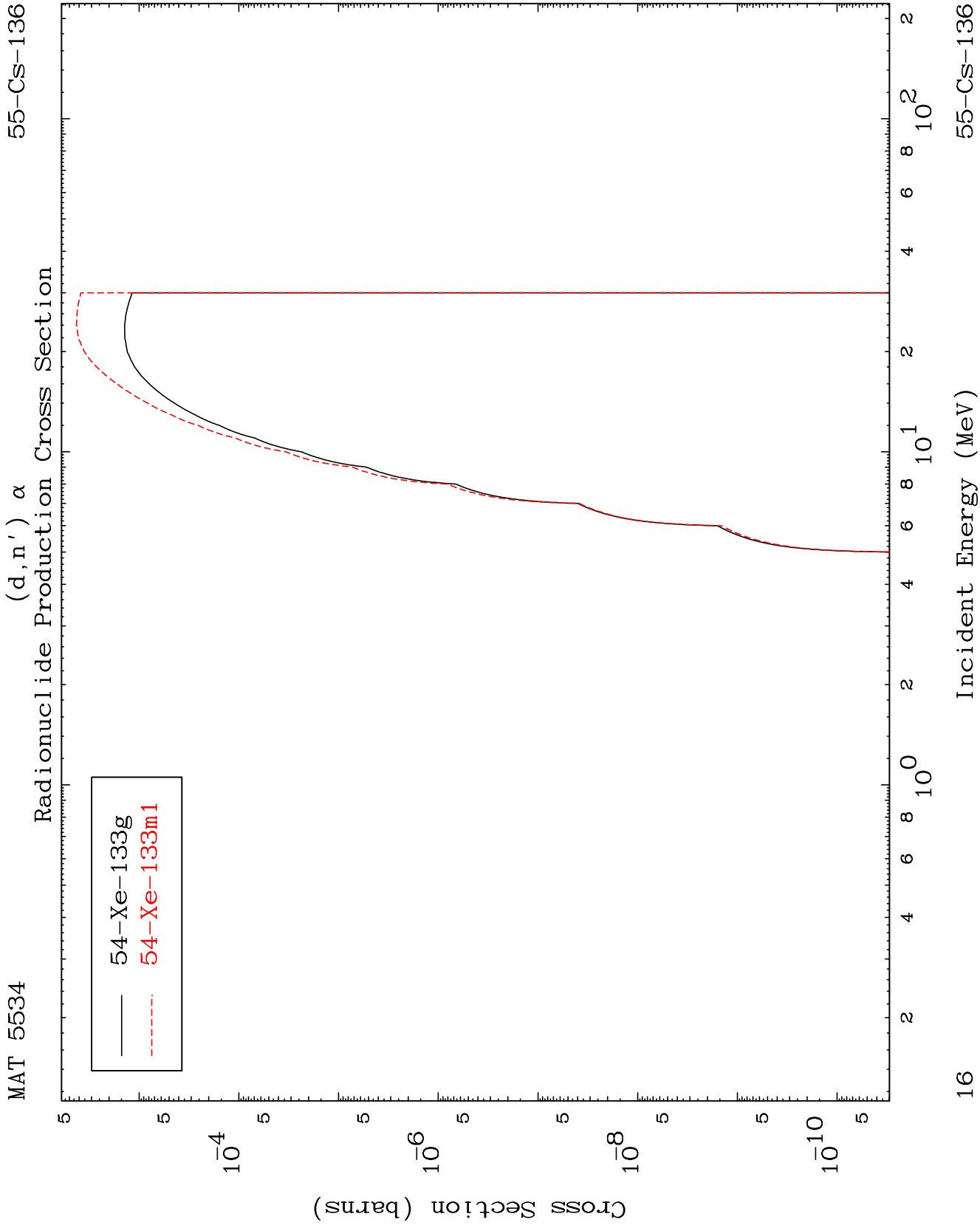










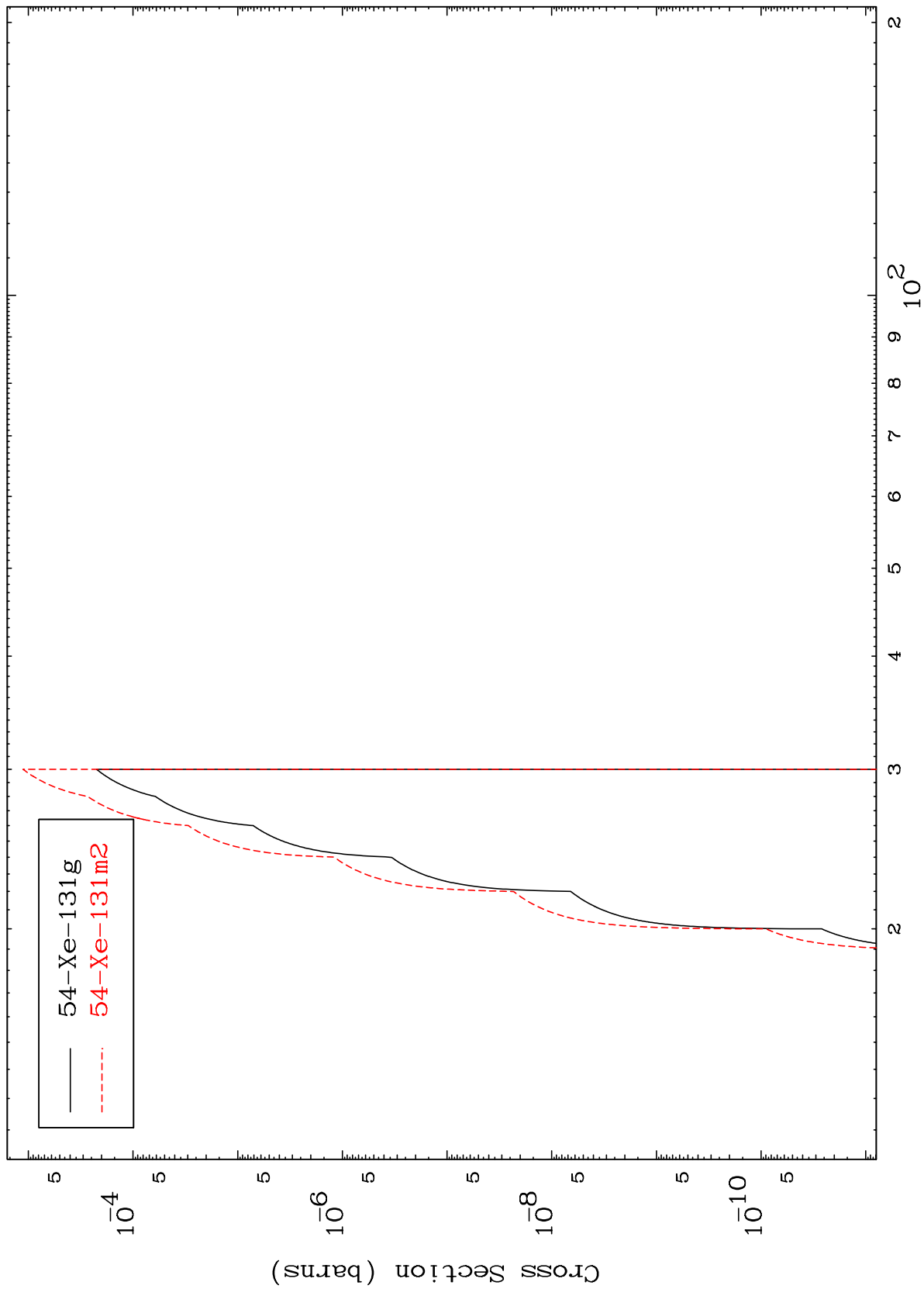


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55-Cs-136

(d,3n)  $\alpha$

Radionuclide Production Cross Section



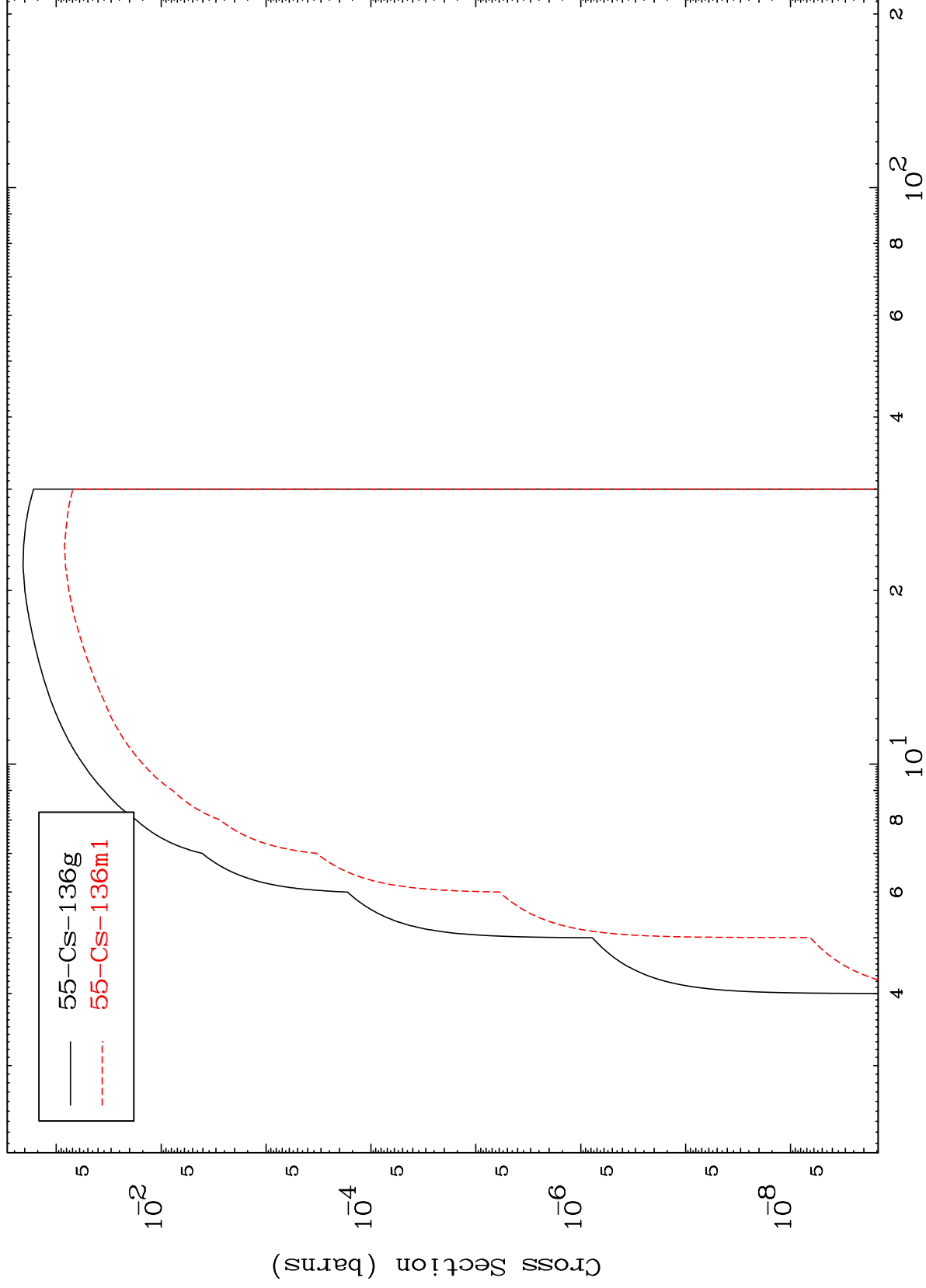
17

55-Cs-136

MAT 5534

55-Cs-136

(d,n') p  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

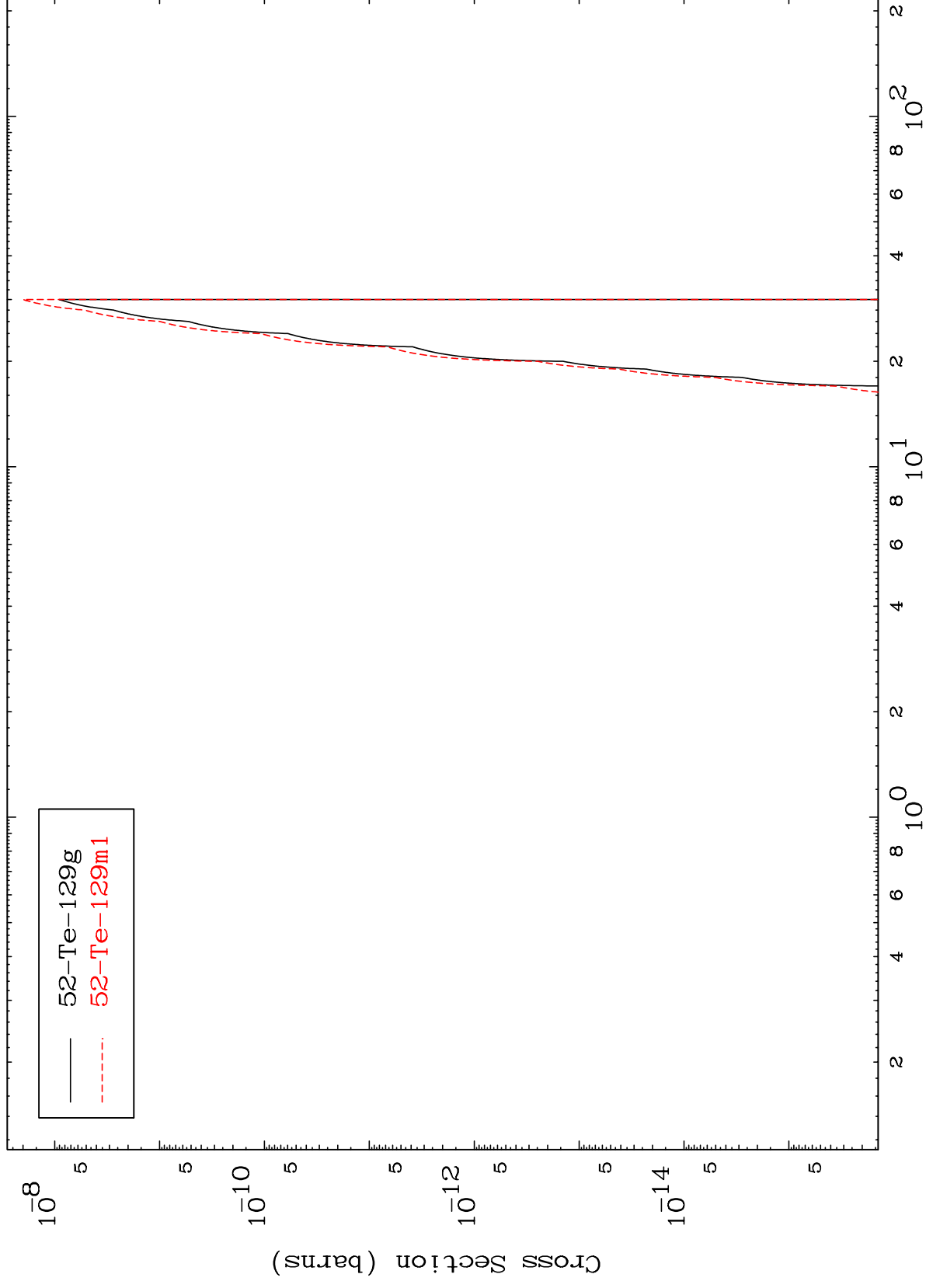
55-Cs-136

MAT 5534

(d,n') 2 $\alpha$

55-Cs-136

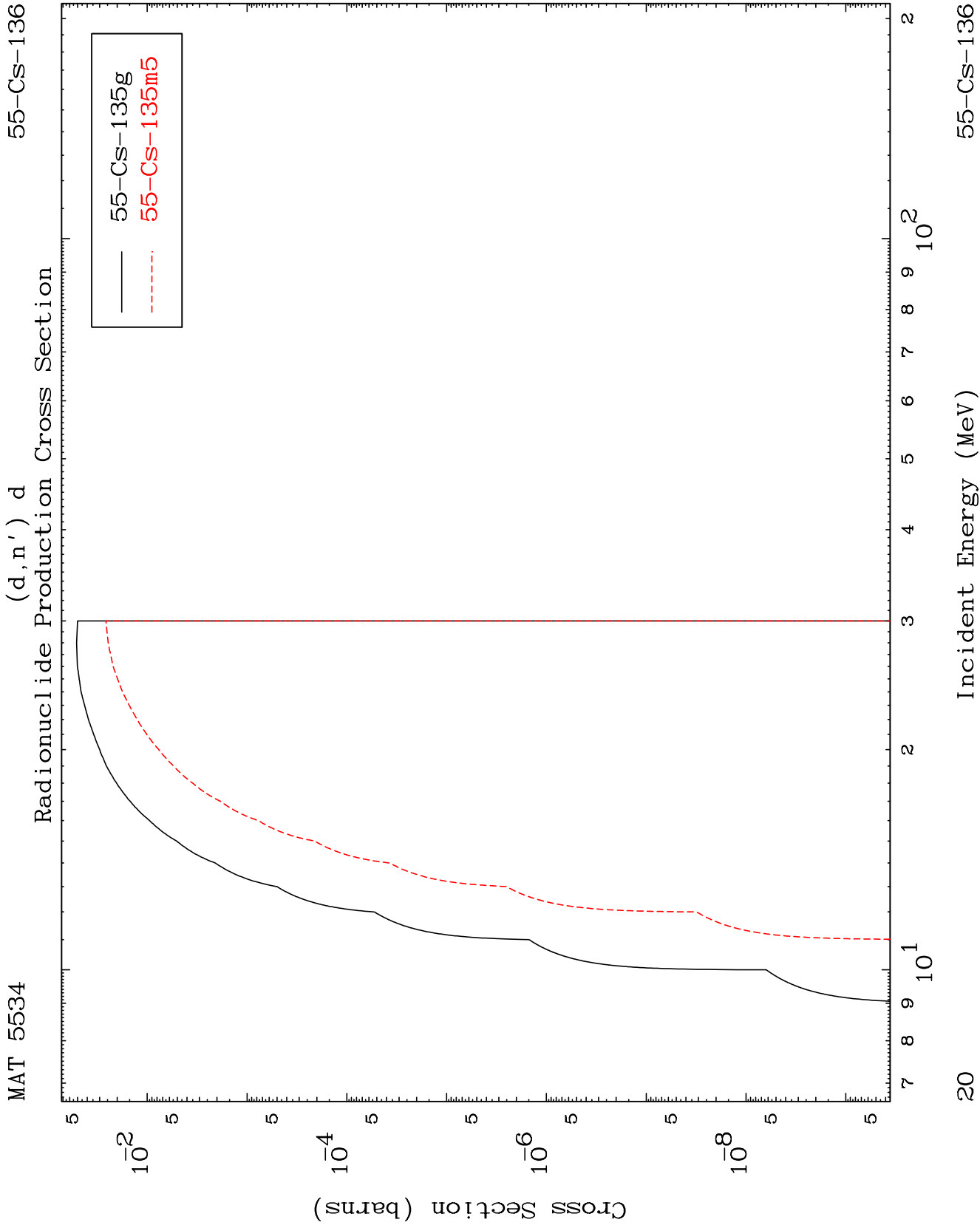
Radionuclide Production Cross Section

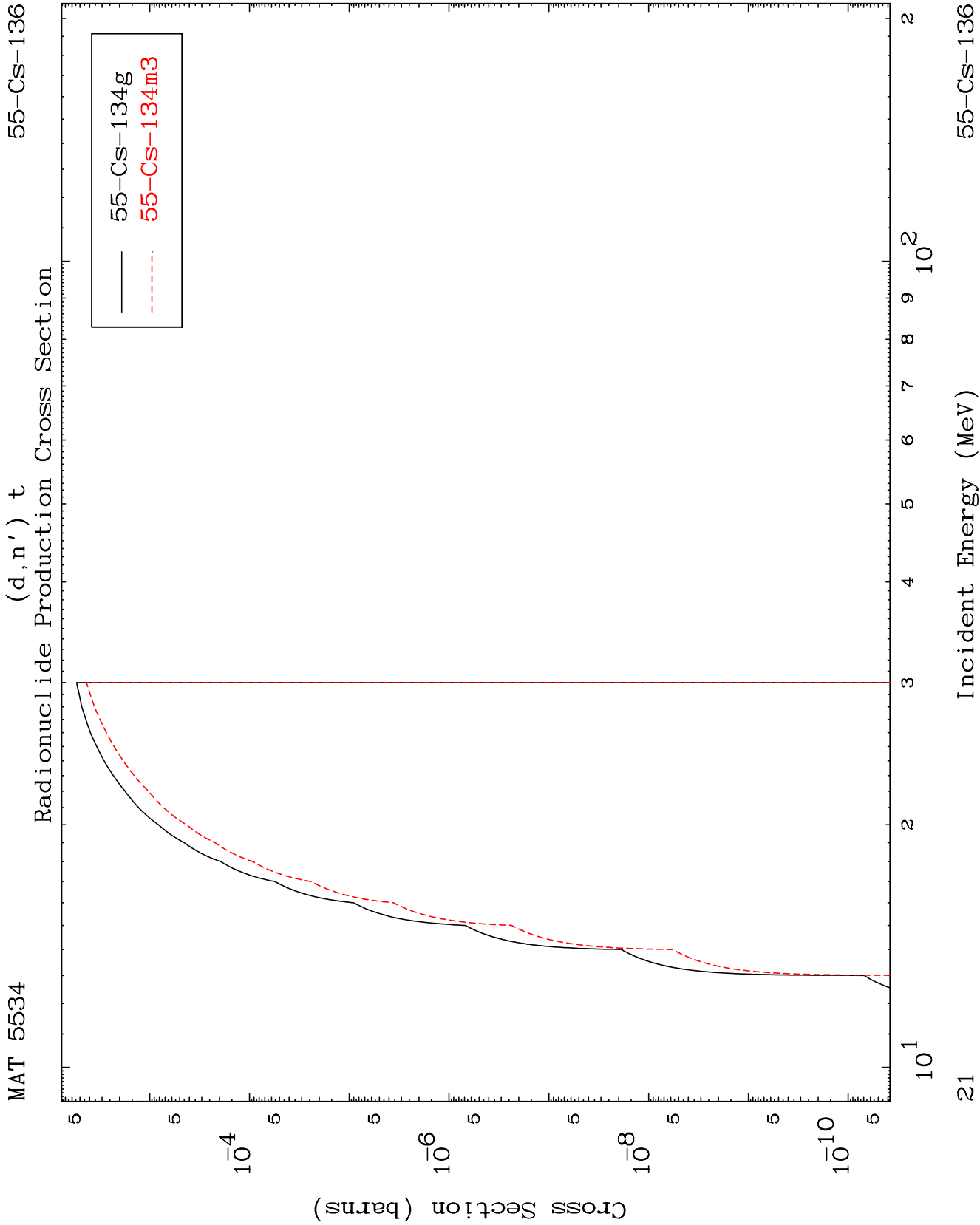


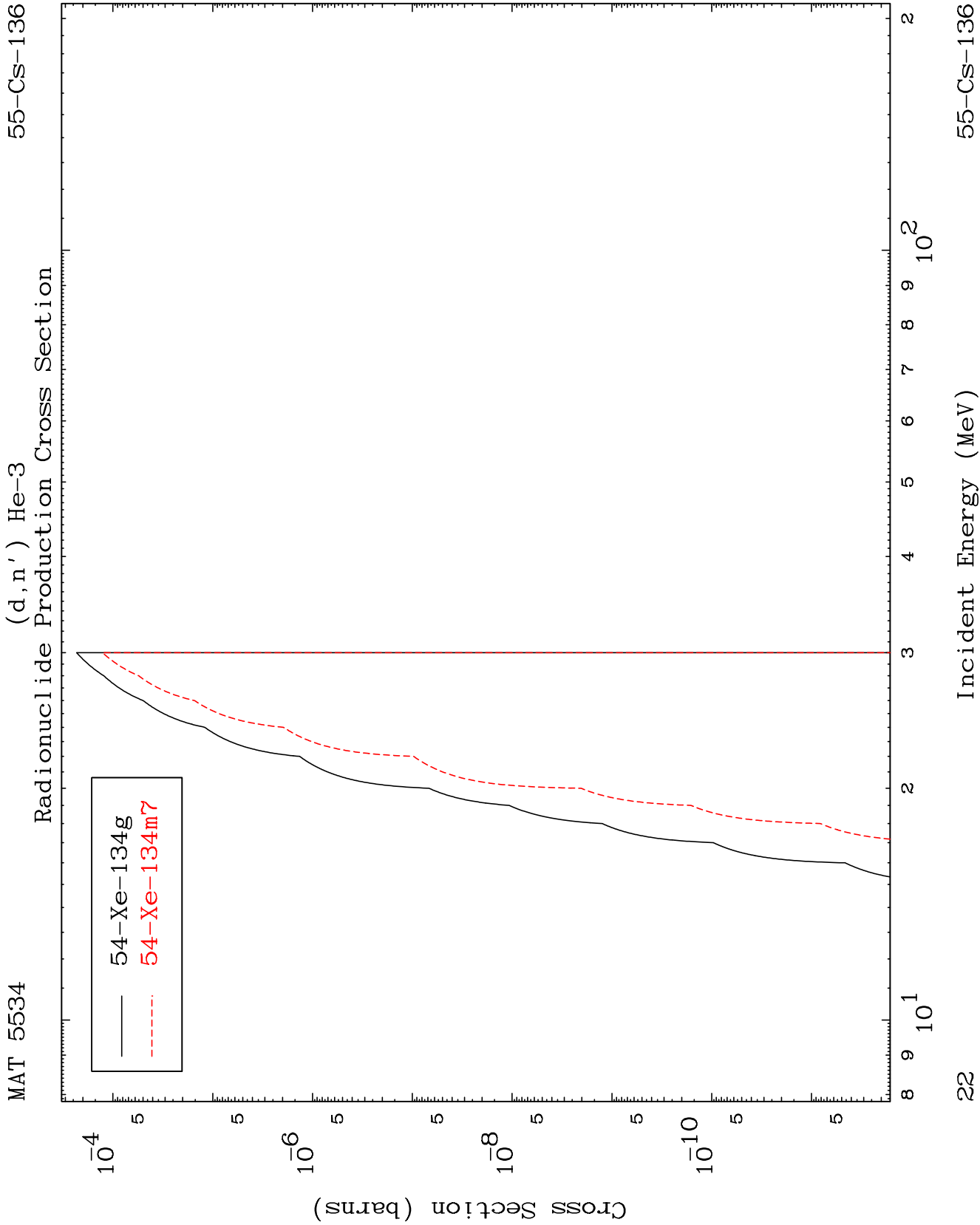
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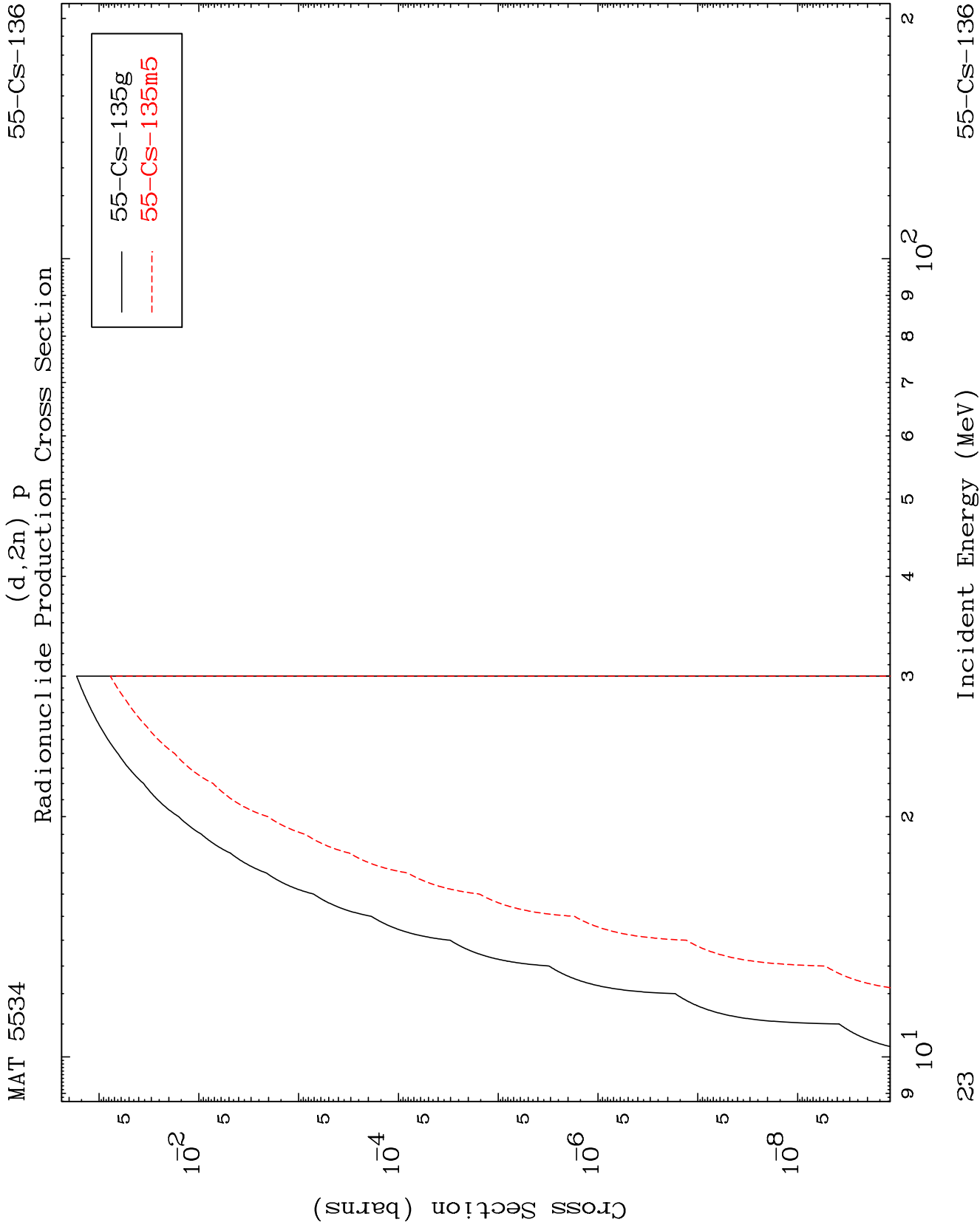
Incident Energy (MeV)

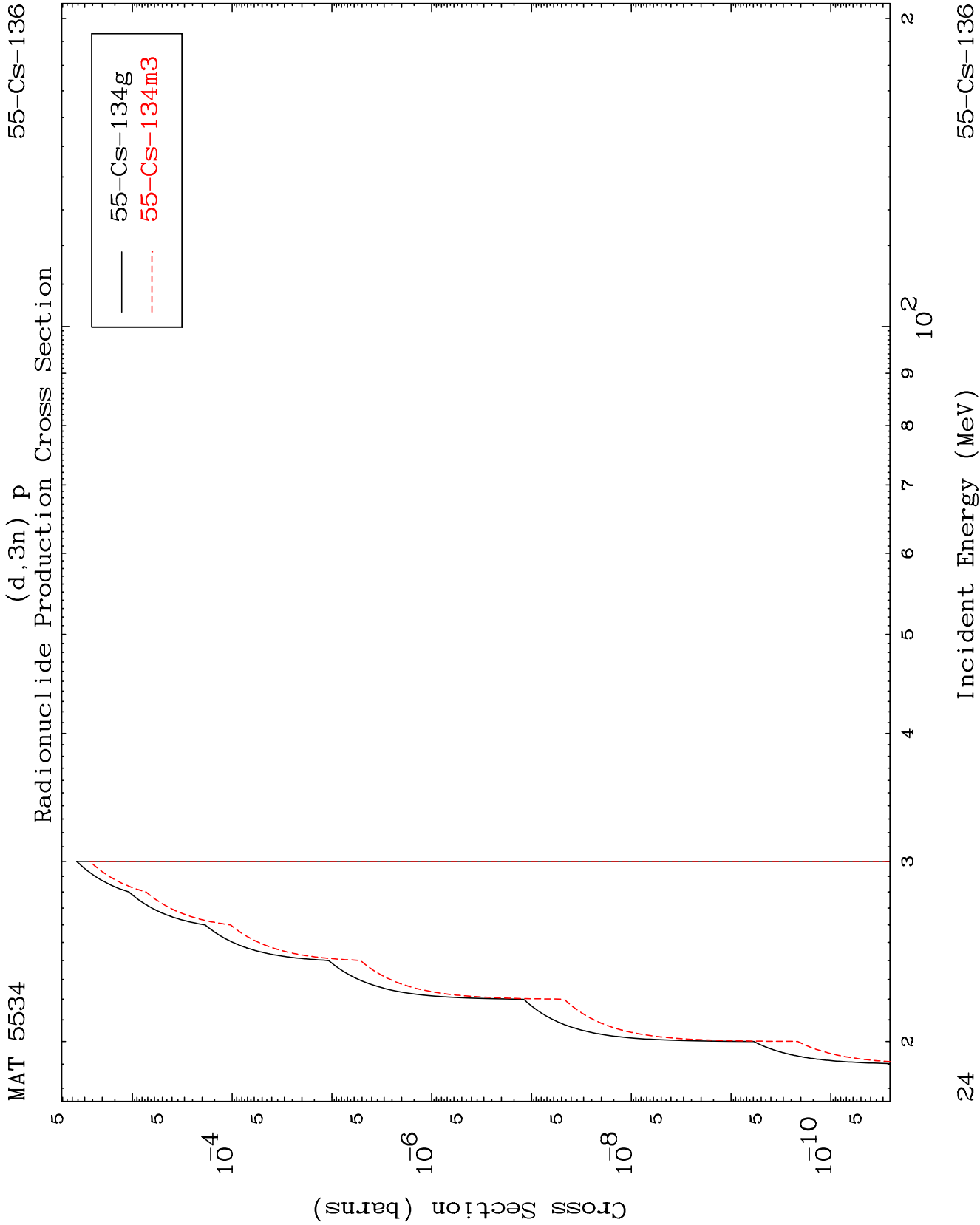
55-Cs-136







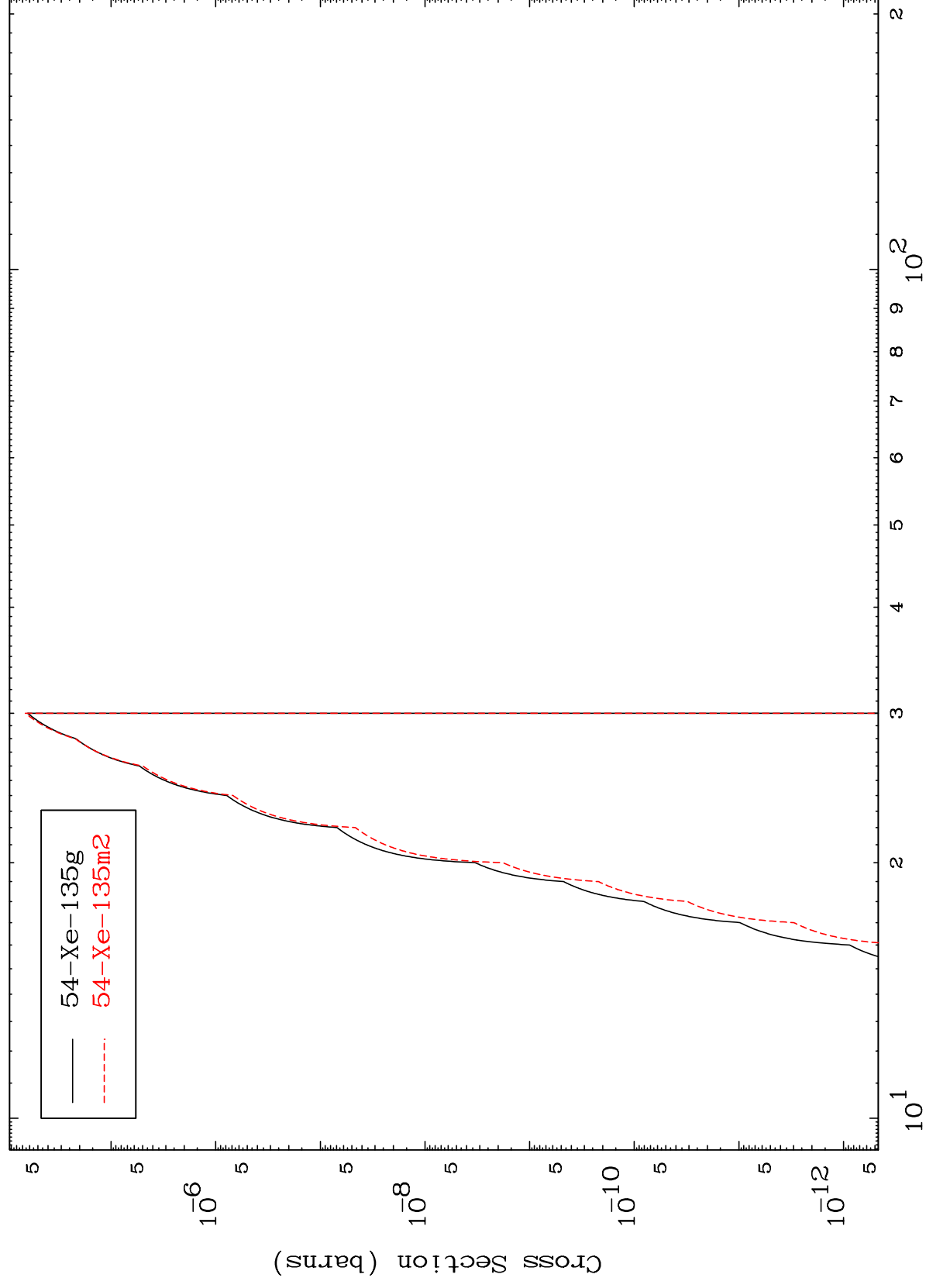




MAT 5534

55-CS-136

(d,2n) p  
Radionuclide Production Cross Section

 $(d, 2n) \text{ p}$ 

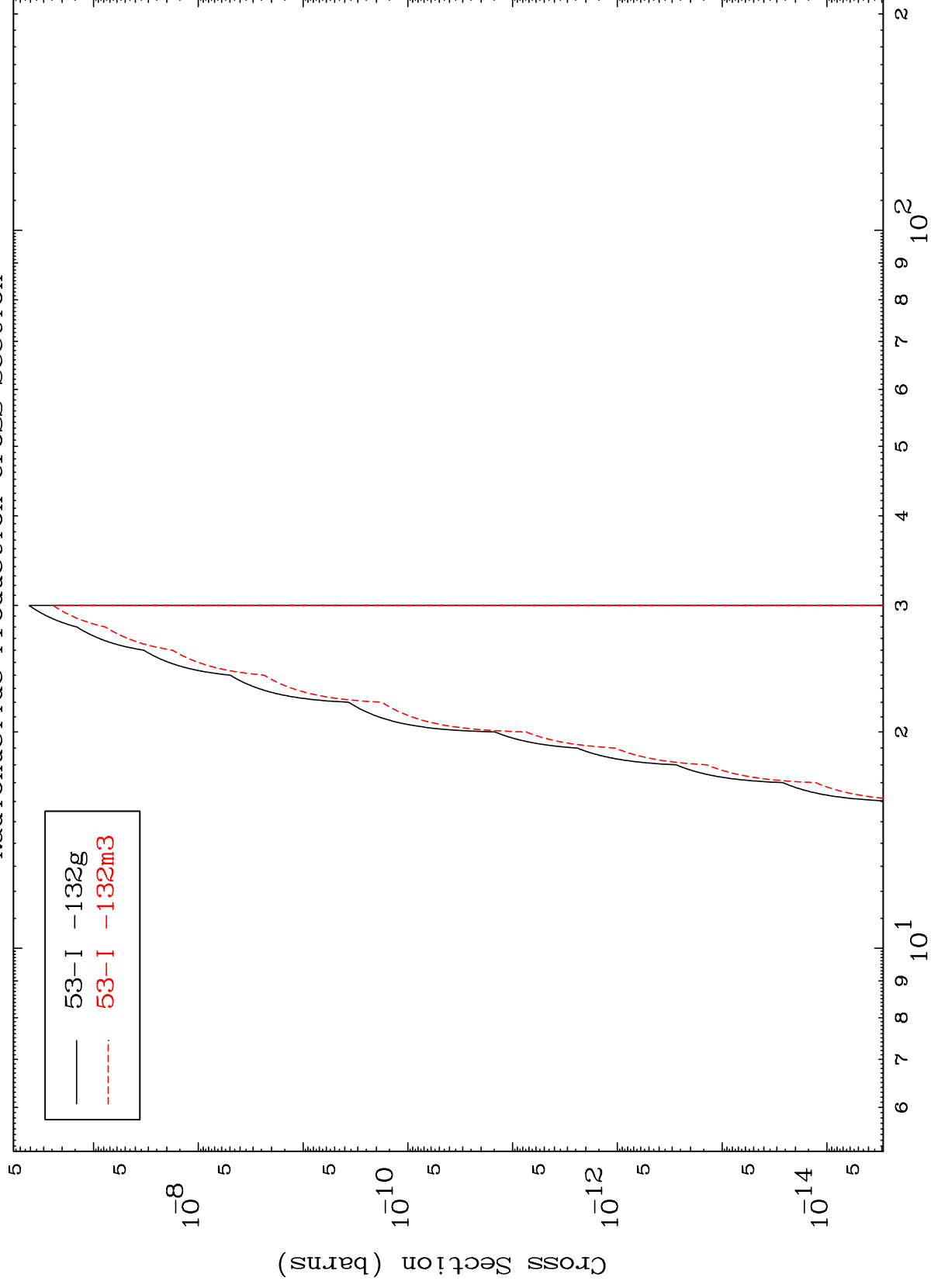
55-CS-136

Incident Energy (MeV)

MAT 5534

55-Cs-136

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



26

Incident Energy (MeV)

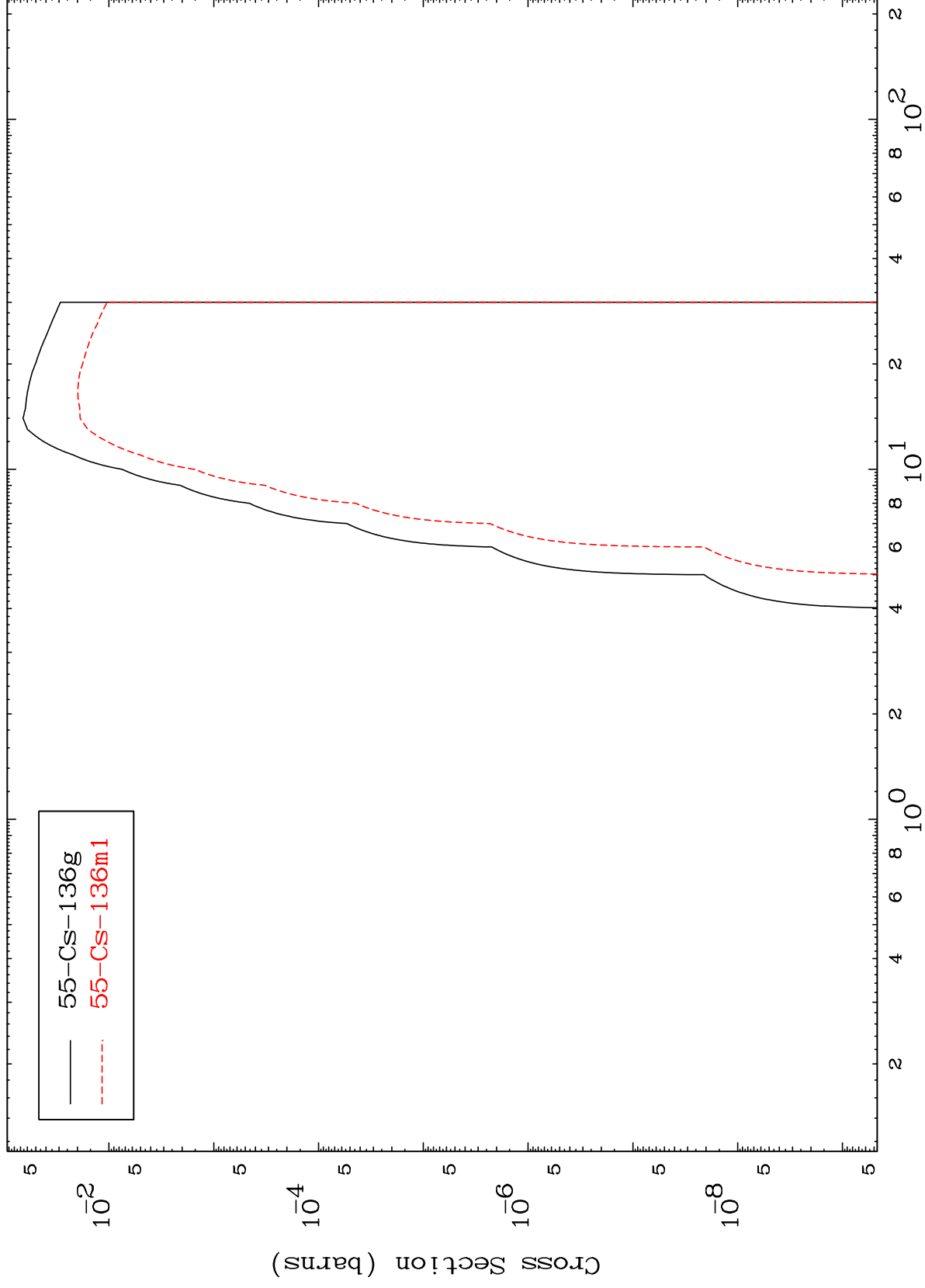
55-Cs-136

MAT 5534

(d,d)

55-Cs-136

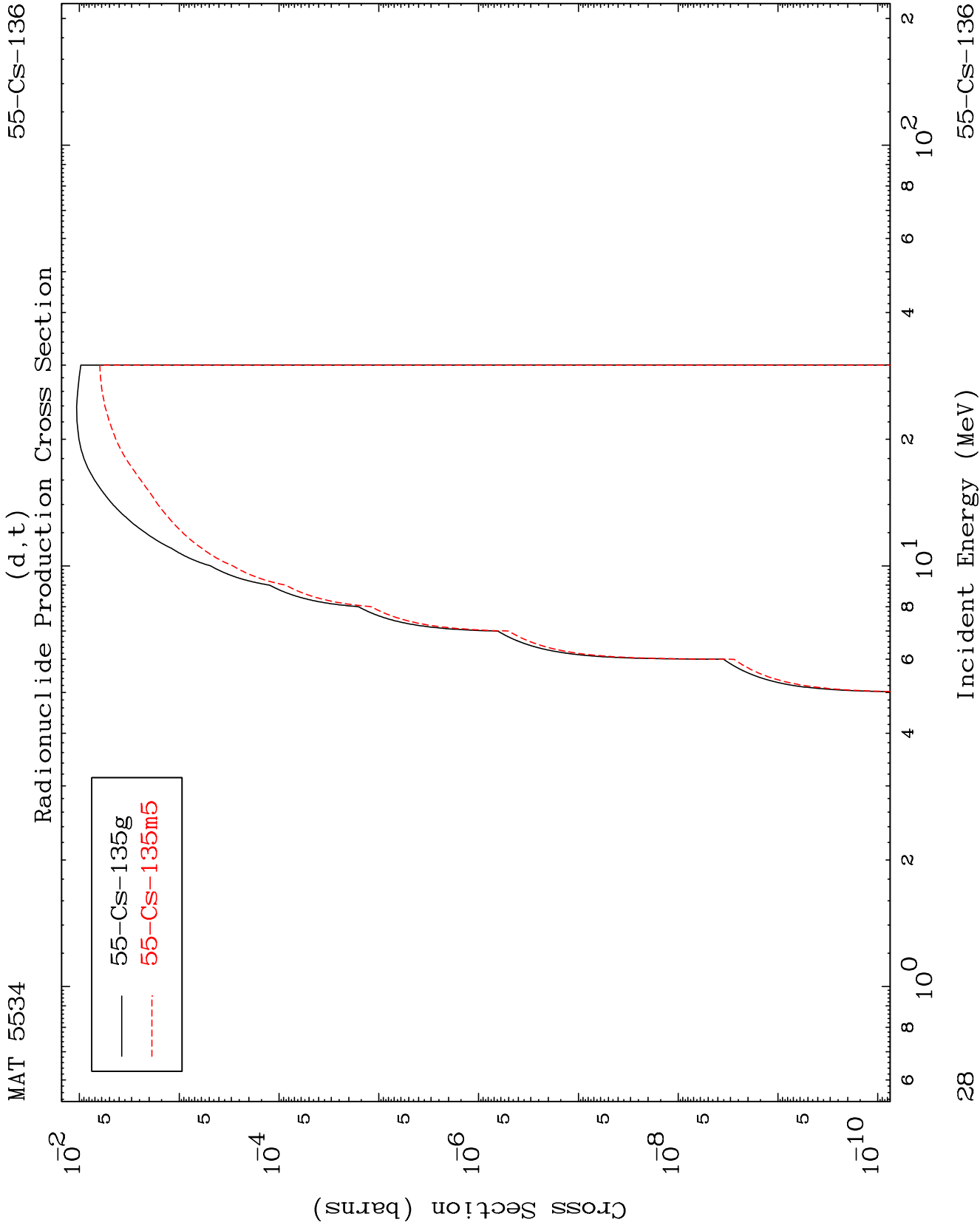
Radionuclide Production Cross Section



27

Incident Energy (MeV)

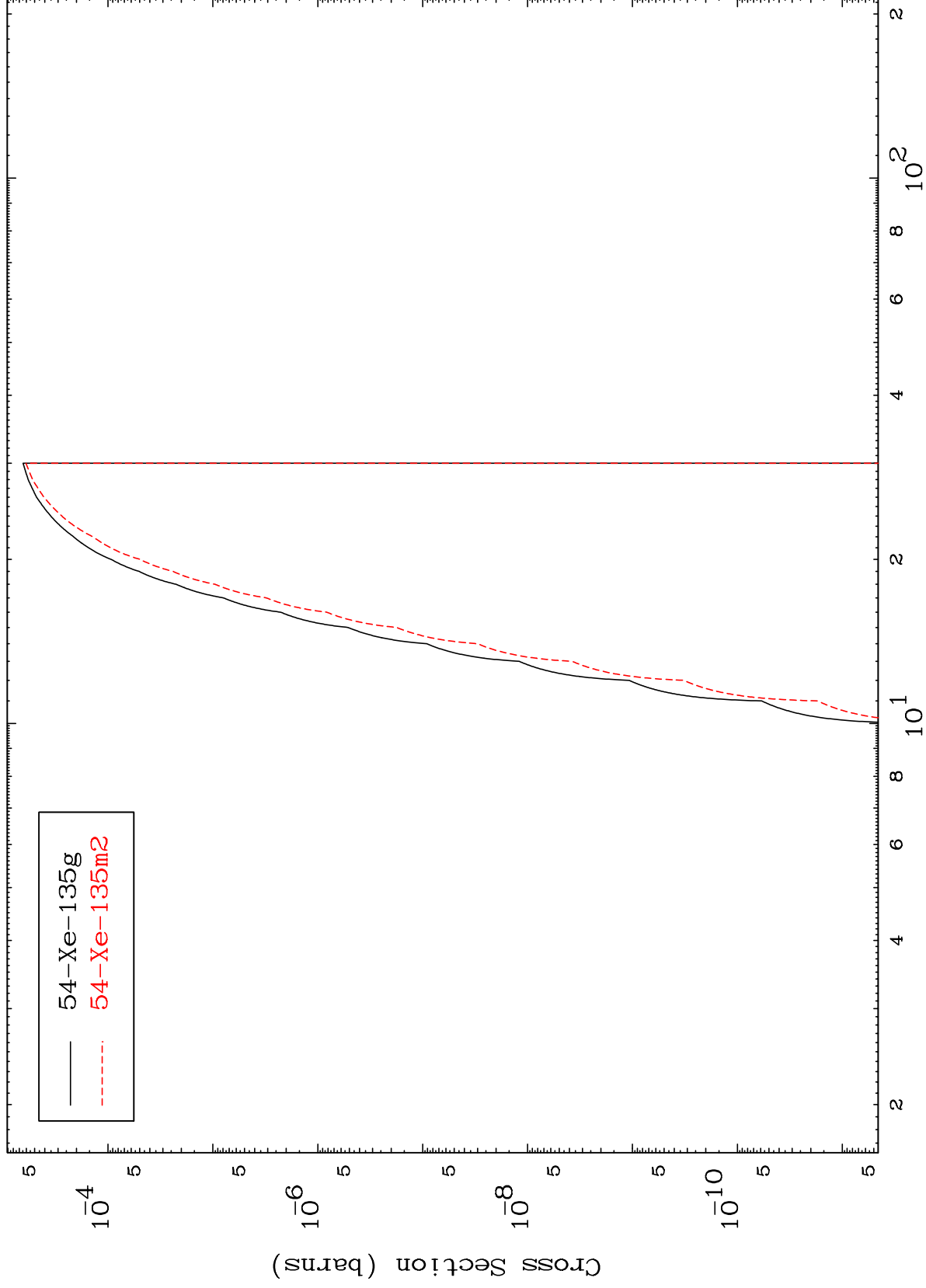
55-Cs-136



MAT 5534

55-Cs-136

(d,He-3)  
Radionuclide Production Cross Section



29

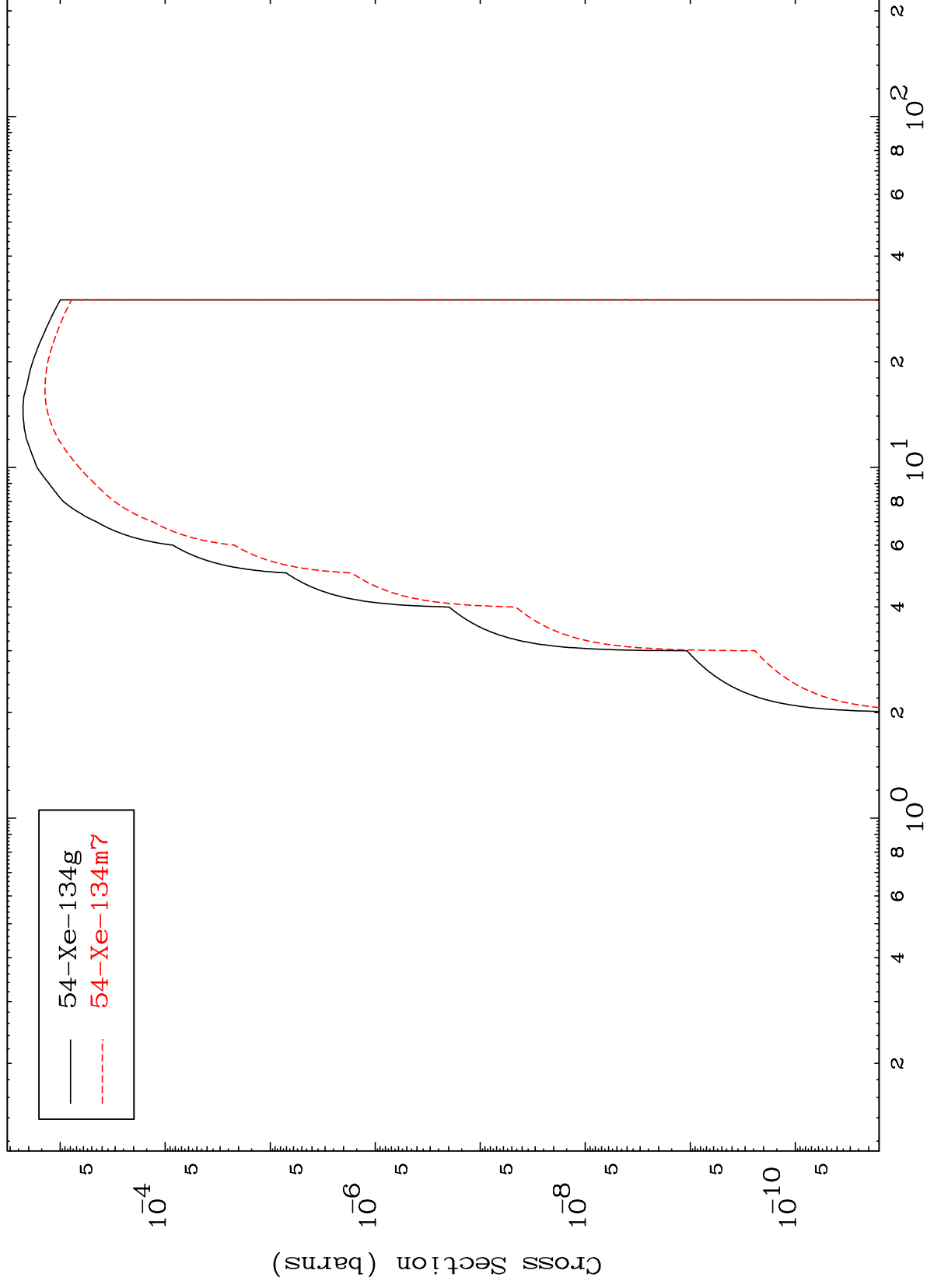
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

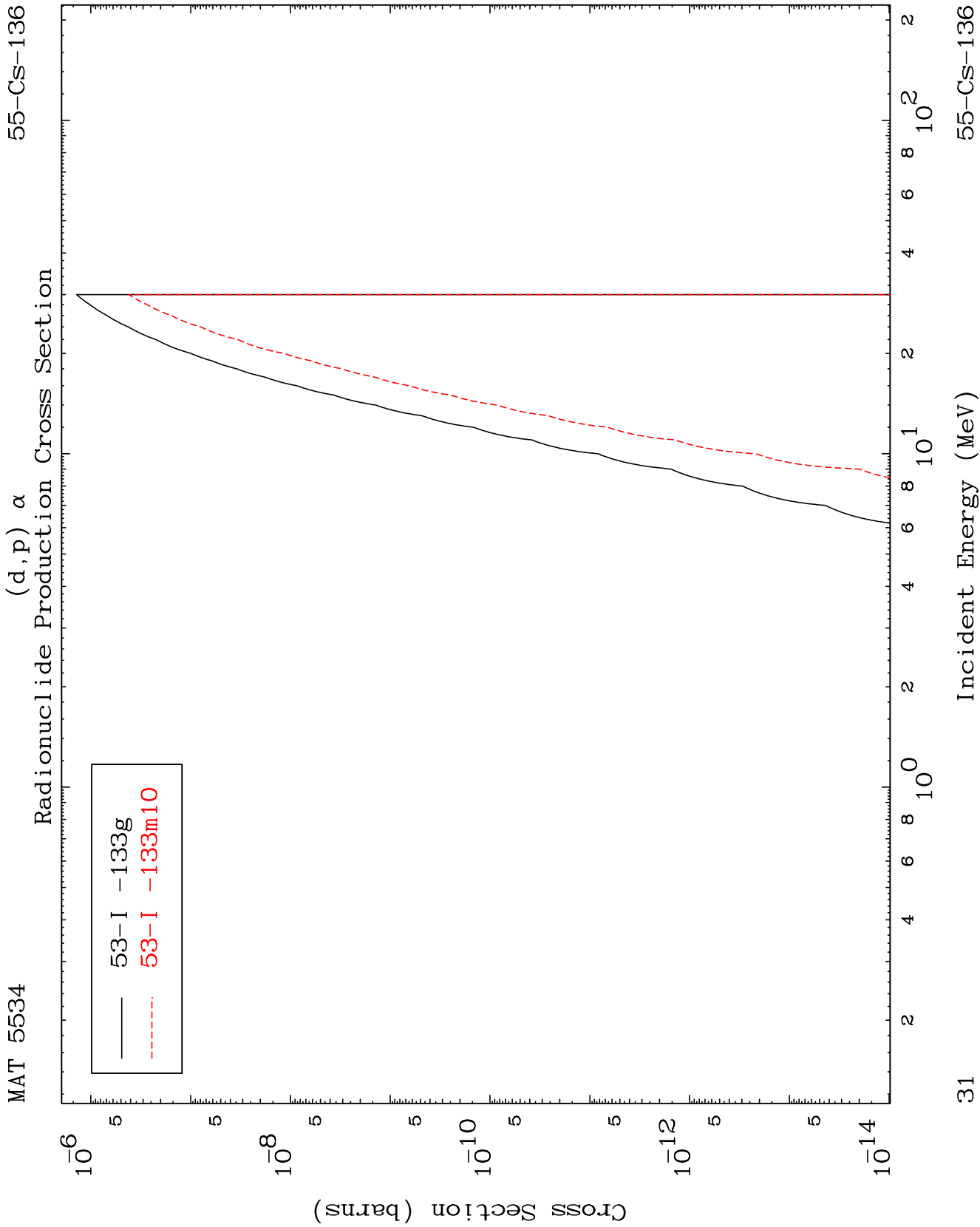
Radionuclide Production Cross Section  
(d,  $\alpha$ )



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

30

55-Cs-136

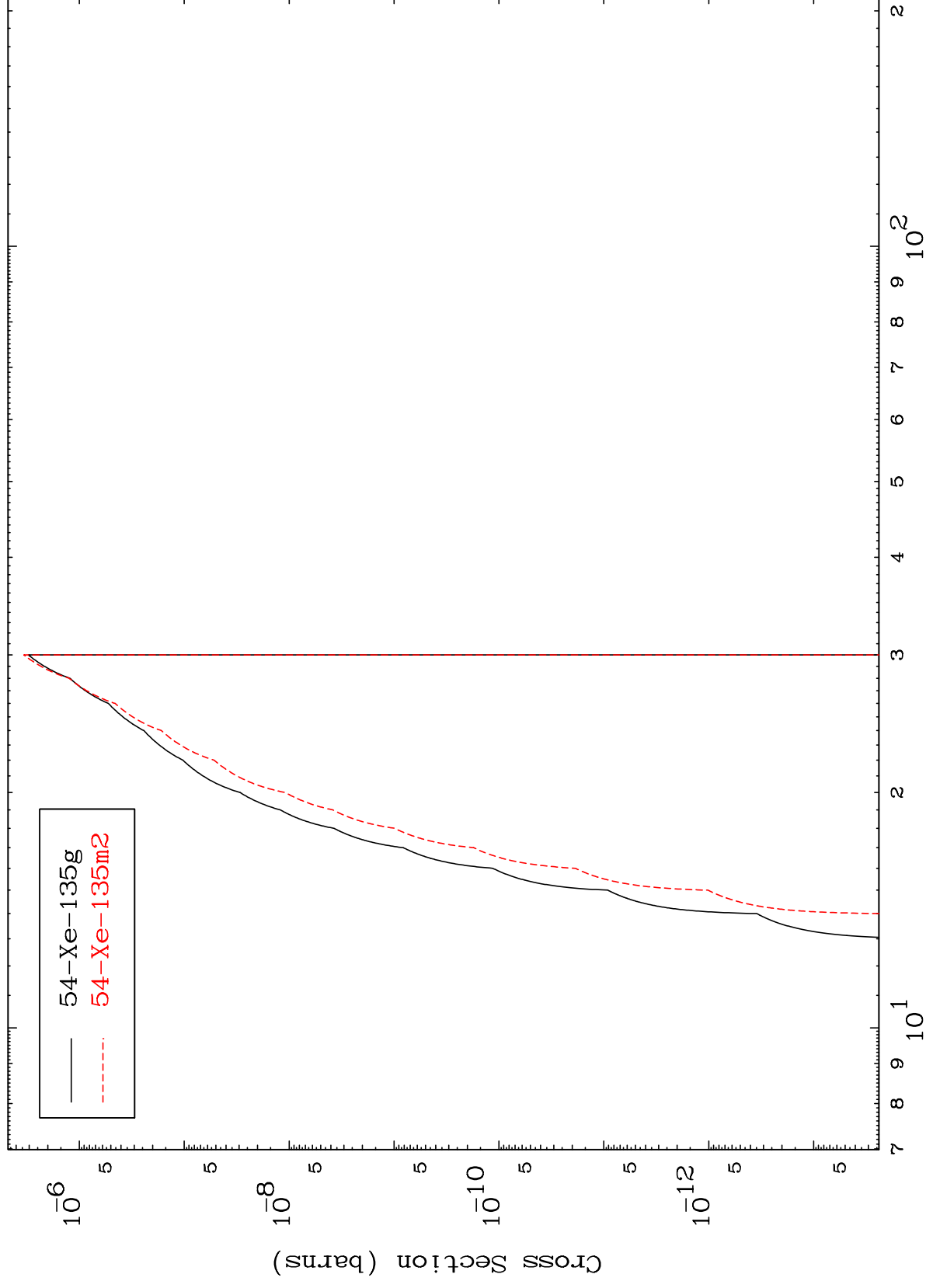


MAT 5534

(d,p) d

55-Cs-136

Radionuclide Production Cross Section



32

Incident Energy (MeV)

55-Cs-136

