

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

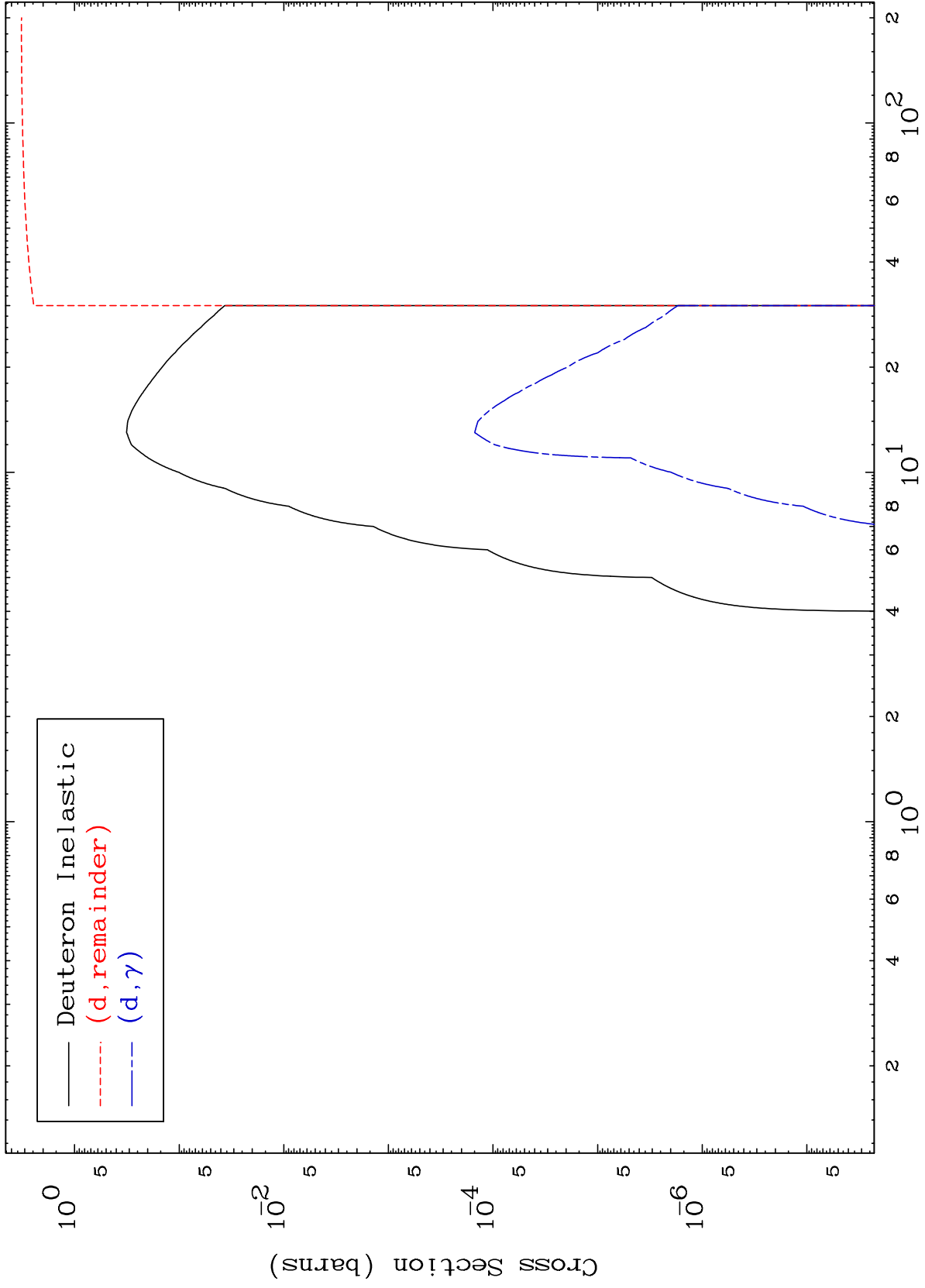
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1466 Hudson Way  
Livermore, CA 94550  
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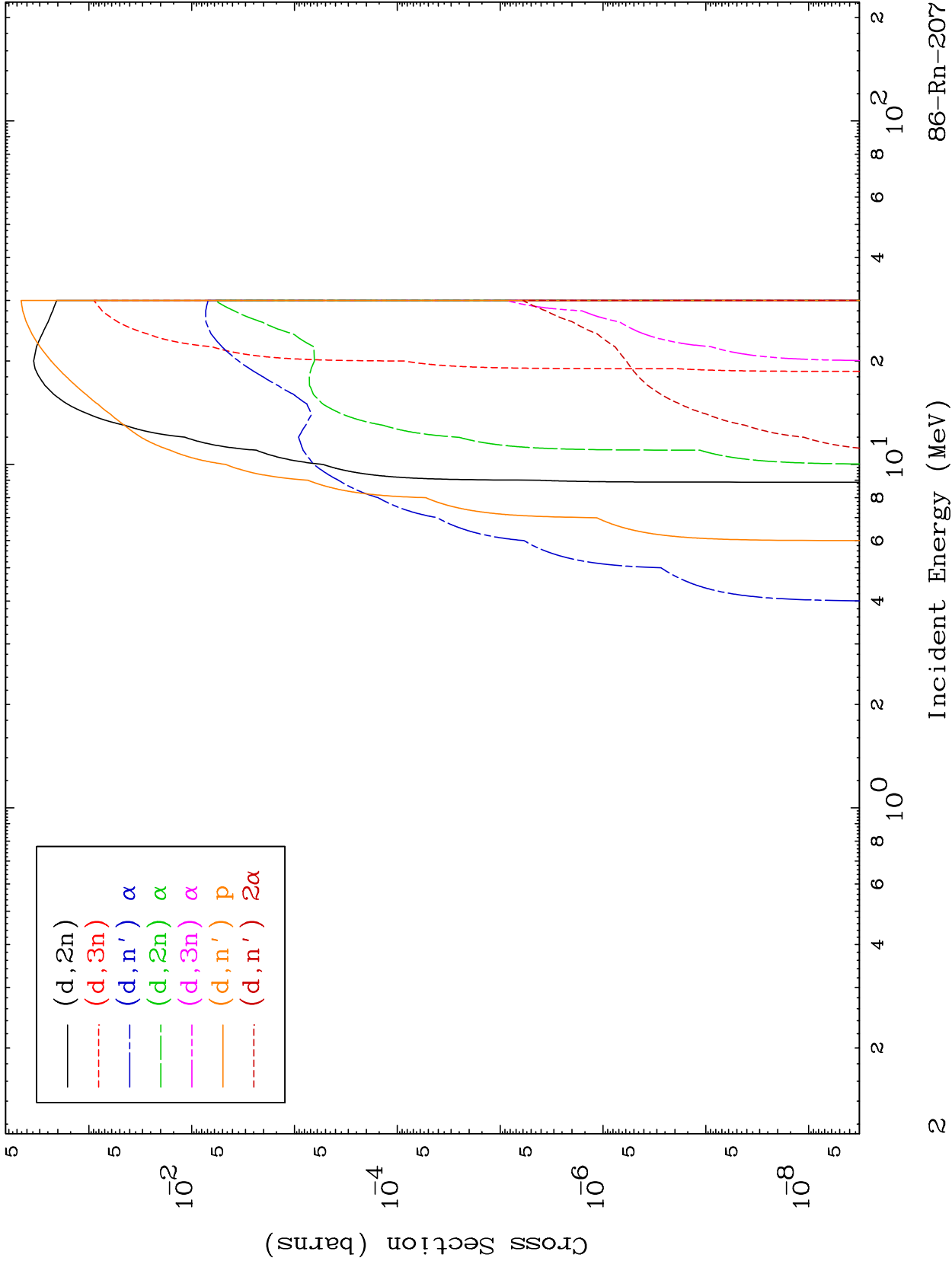
Tele: 925-443-1911

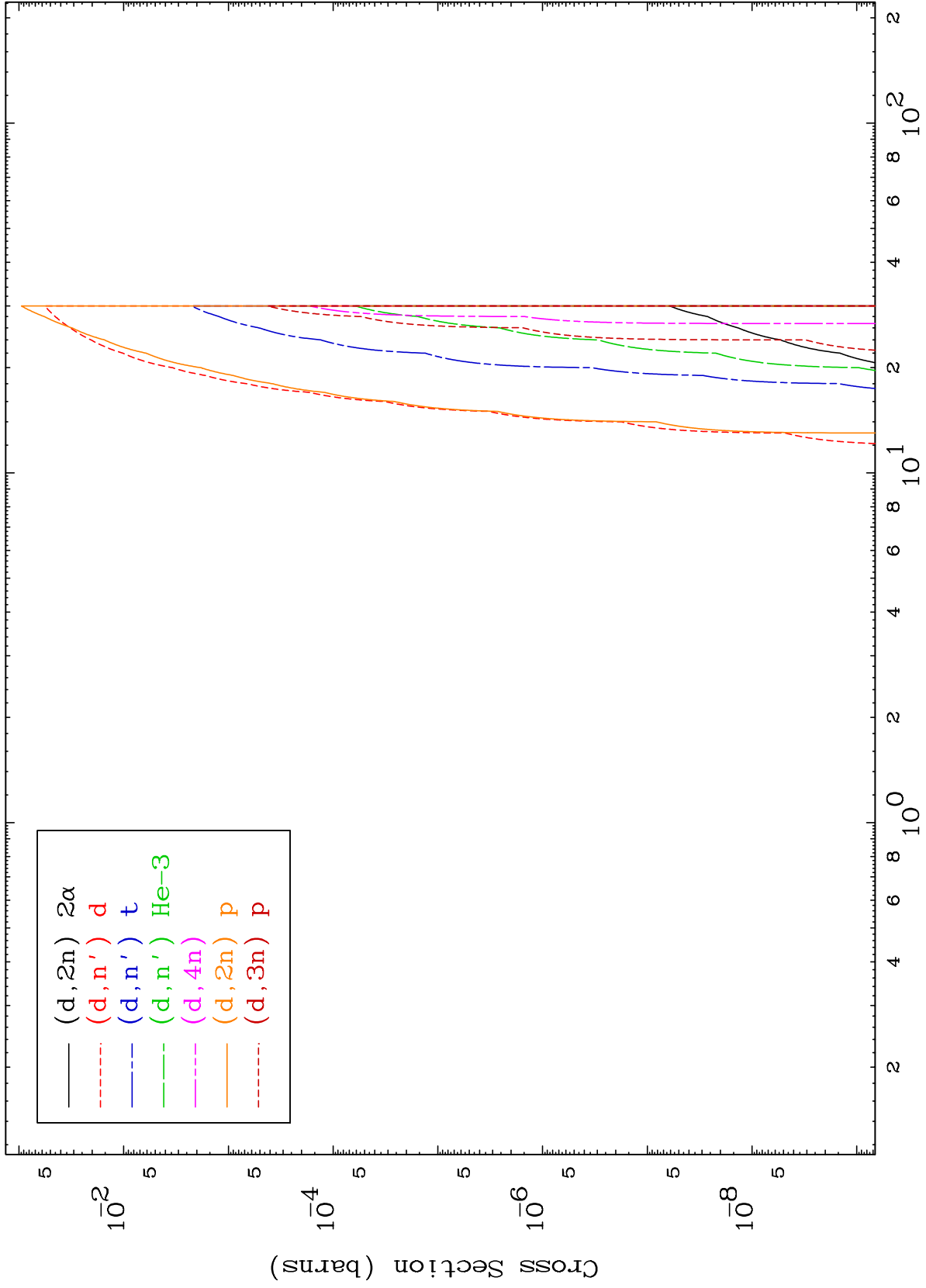
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

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

Press Mouse Button to Start



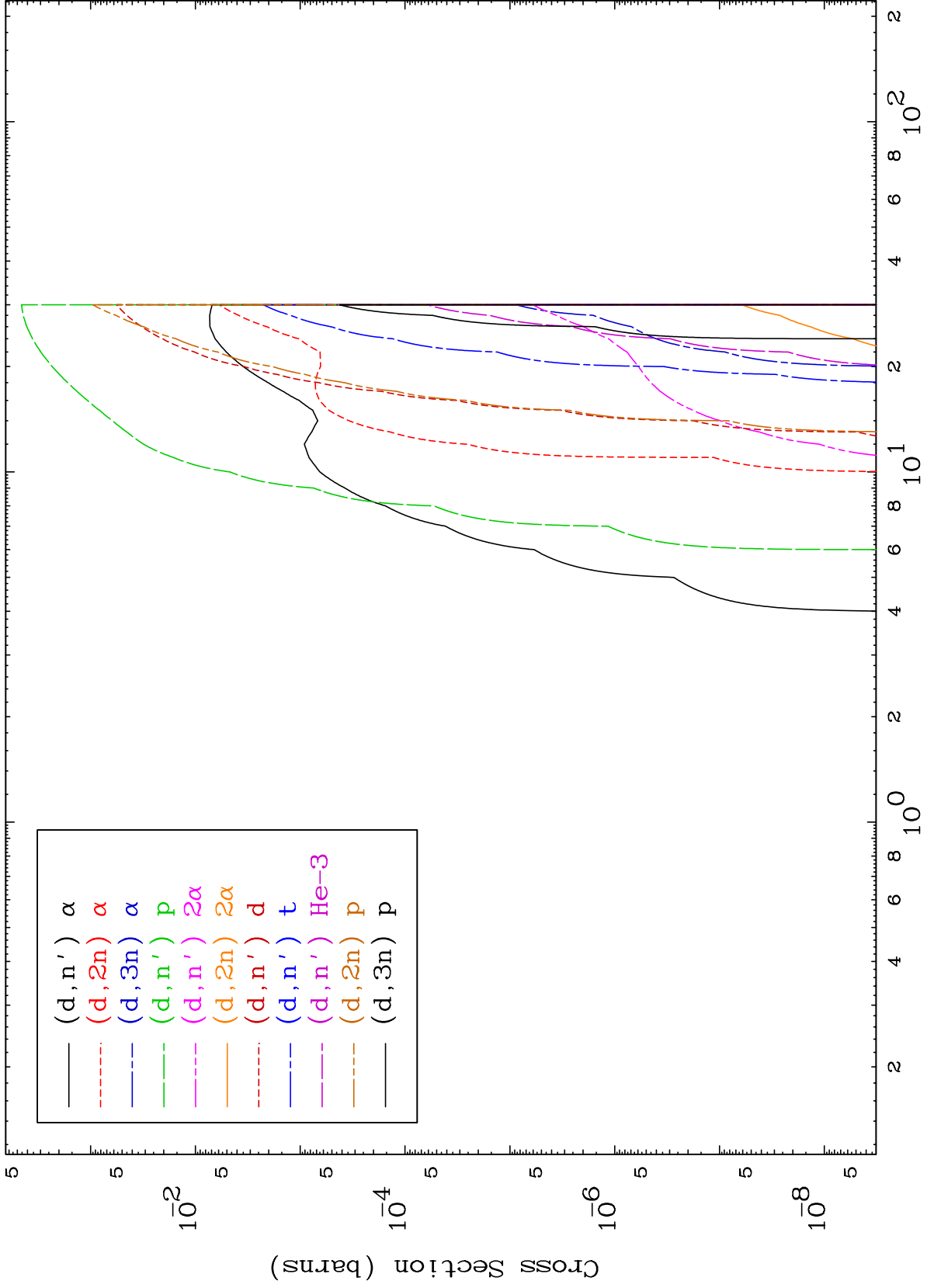


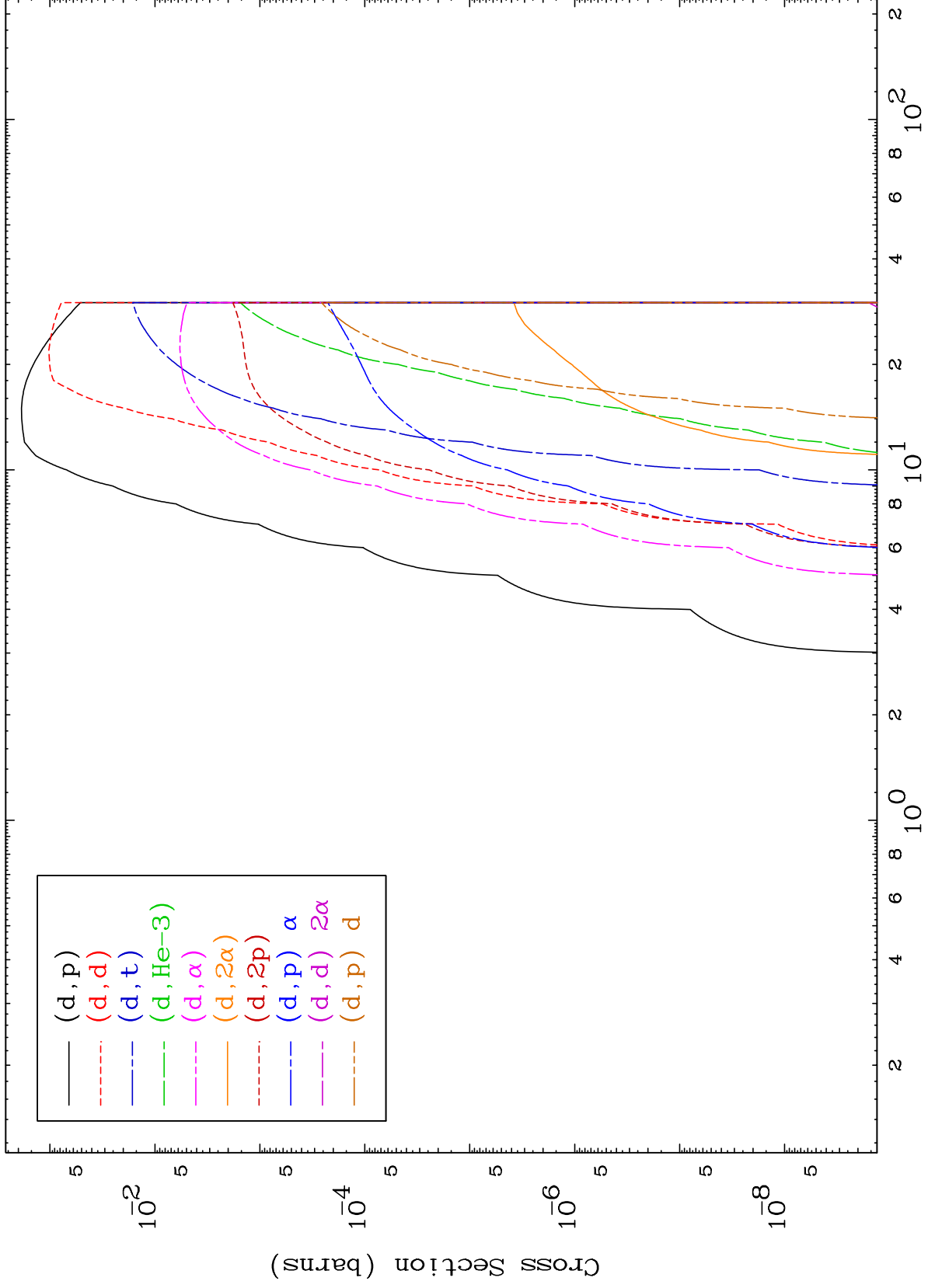


MAT 8613

Deuteron Charged Particle  
0 Kelvin Cross Sections

86-Rn-207



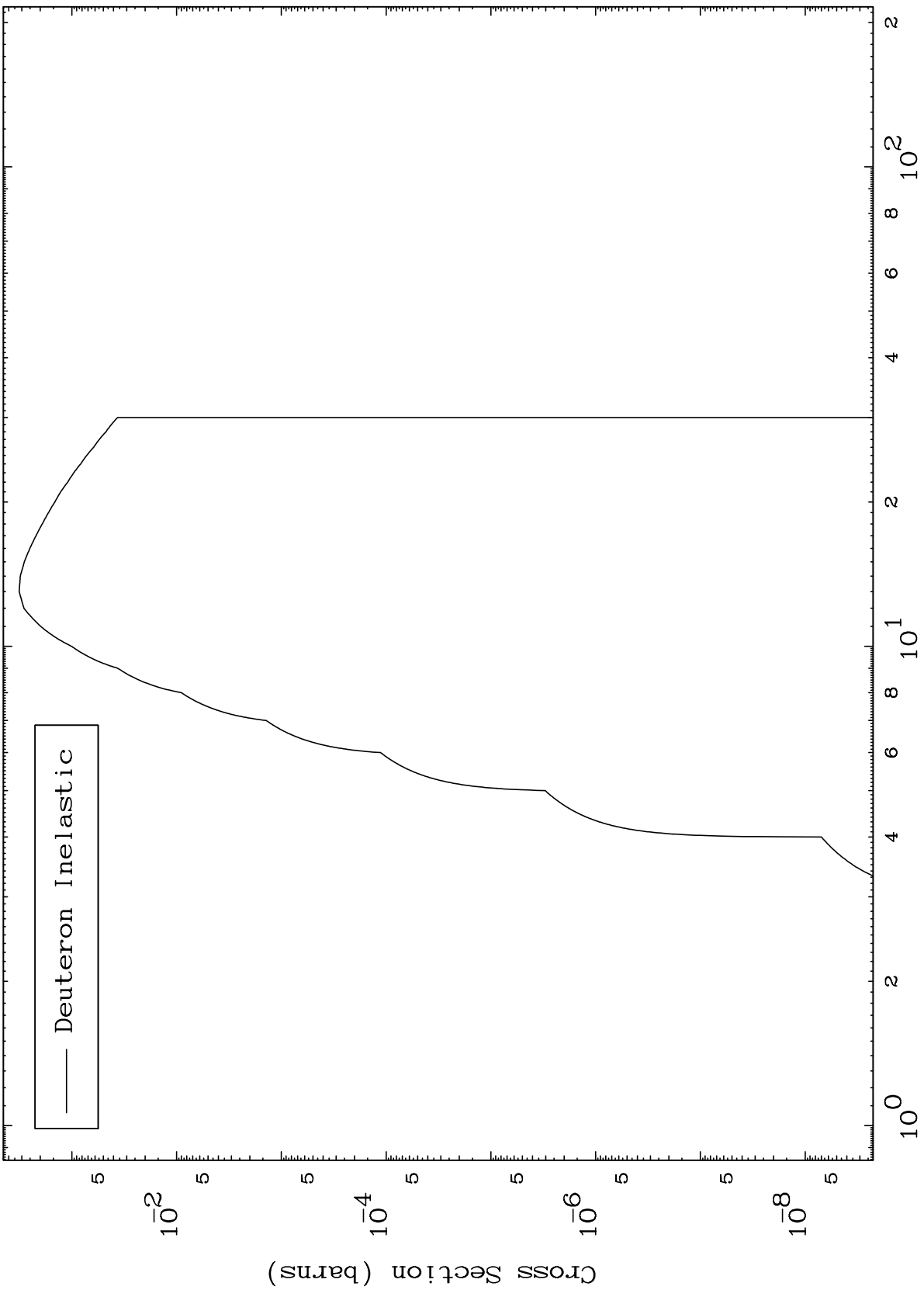


MAT 8613

(d, n') Level

86-Rn-207

0 Kelvin Cross Sections



— Deuteron Inelastic

Incident Energy (MeV)

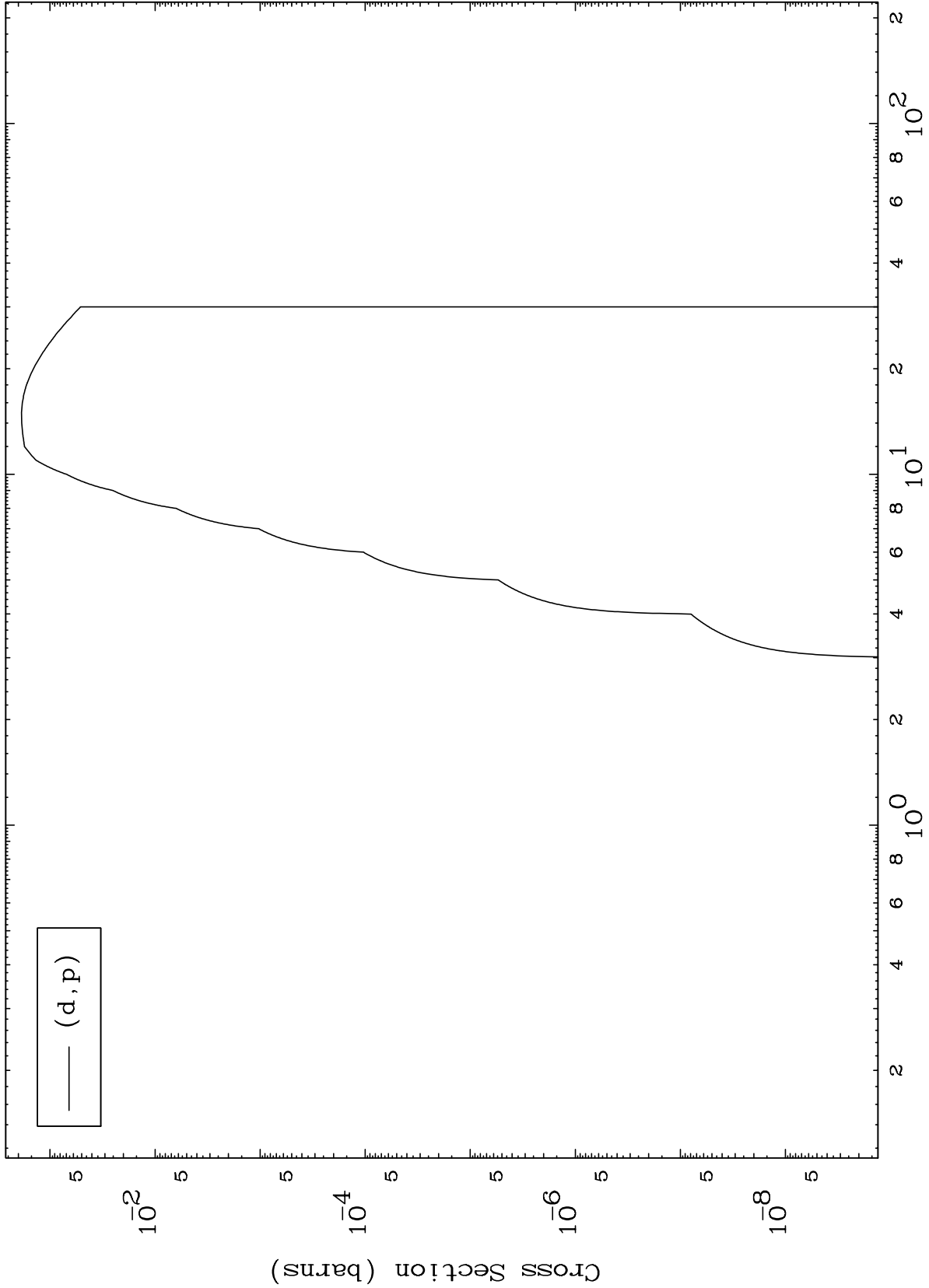
86-Rn-207

MAT 8613

(d,p) Levels

86-Rn-207

0 Kelvin Cross Sections



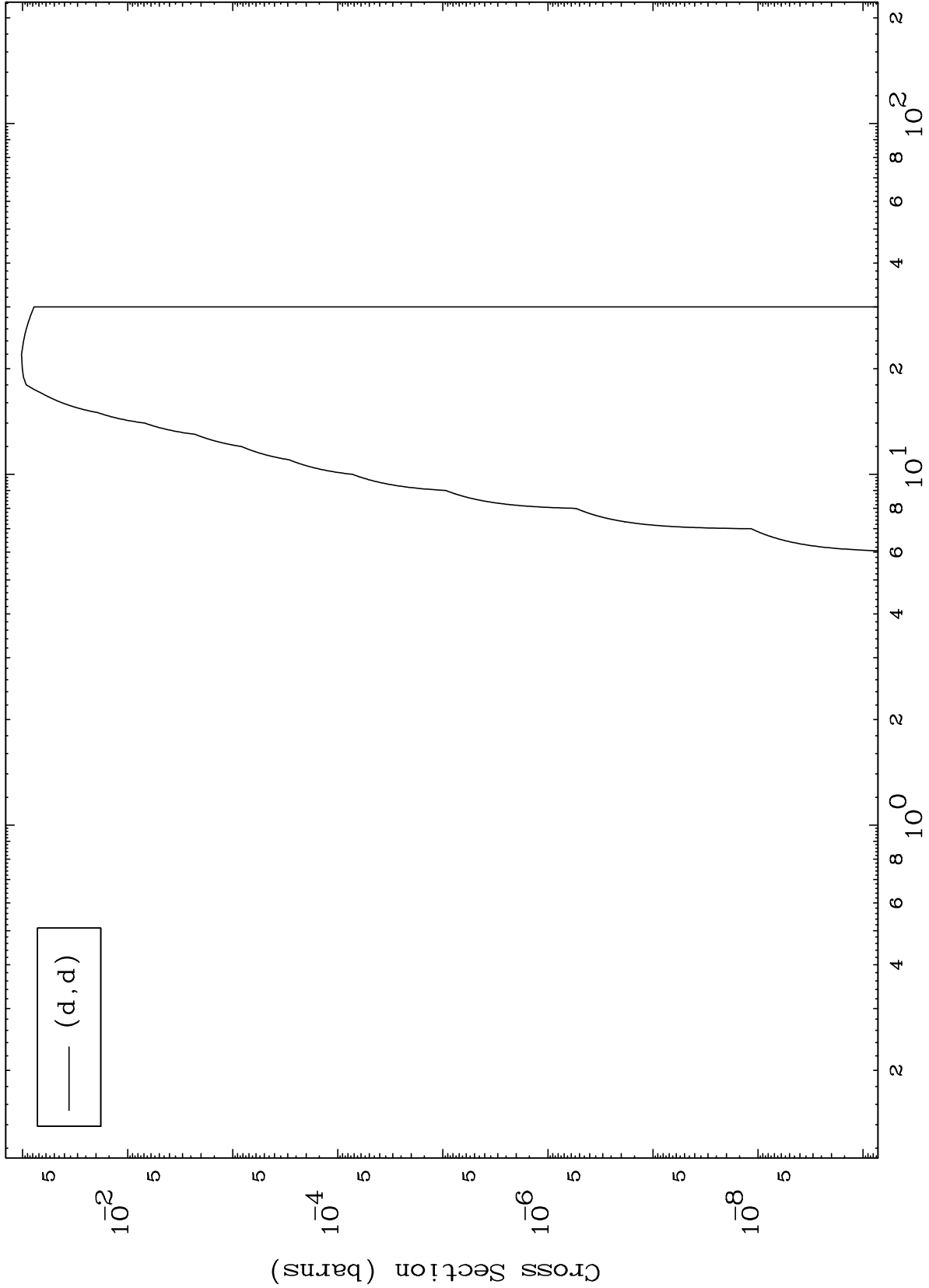


MAT 8613

(d,d) Levels

86-Rn-207

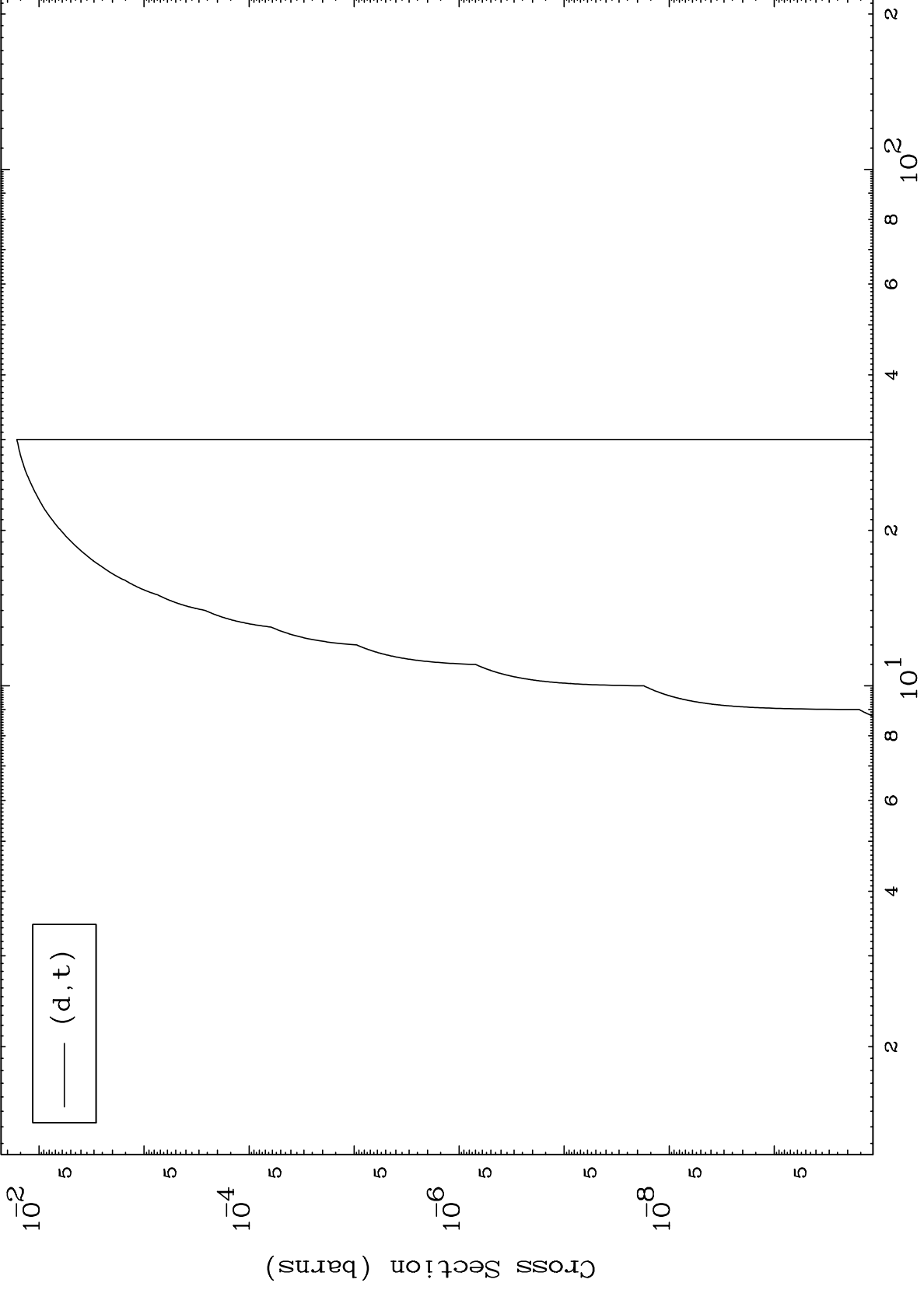
0 Kelvin Cross Sections



MAT 8613

86-Rn-207

(d,t) Levels  
0 Kelvin Cross Sections

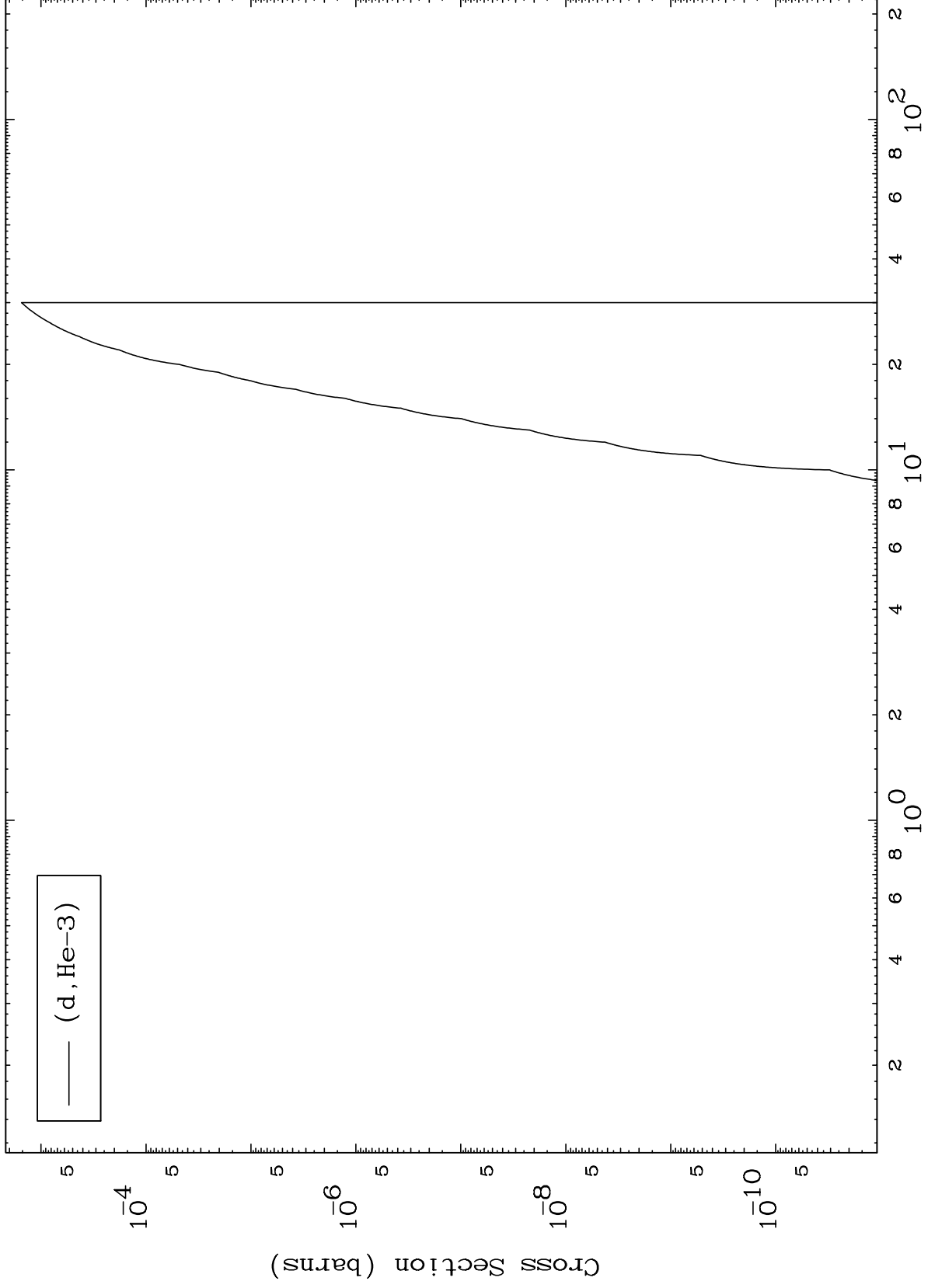


MAT 8613

(d,He3) Levels

86-Rn-207

0 Kelvin Cross Sections



10

Incident Energy (MeV)

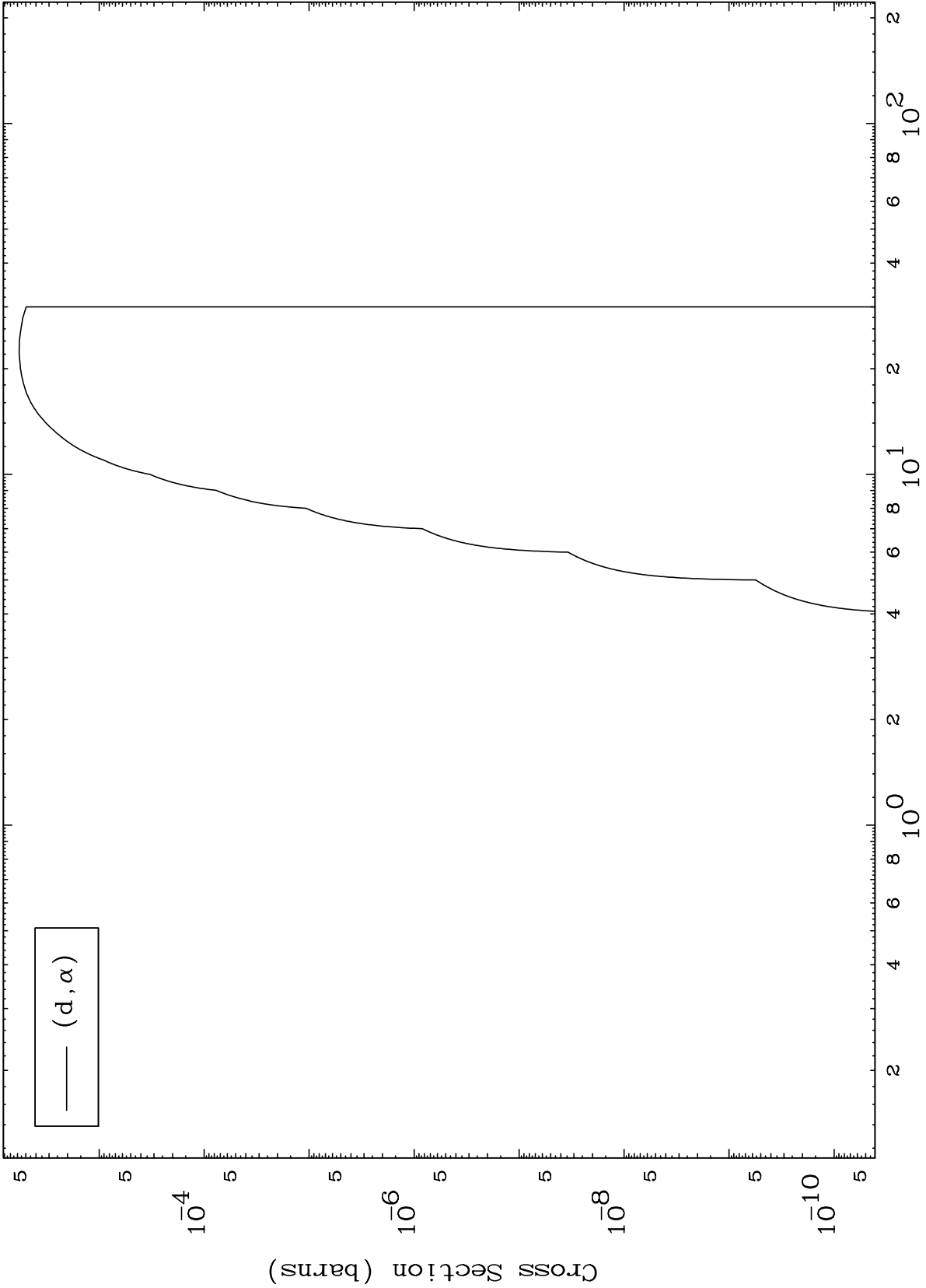
86-Rn-207

MAT 8613

(d,  $\alpha$ ) Levels

86-Rn-207

0 Kelvin Cross Sections

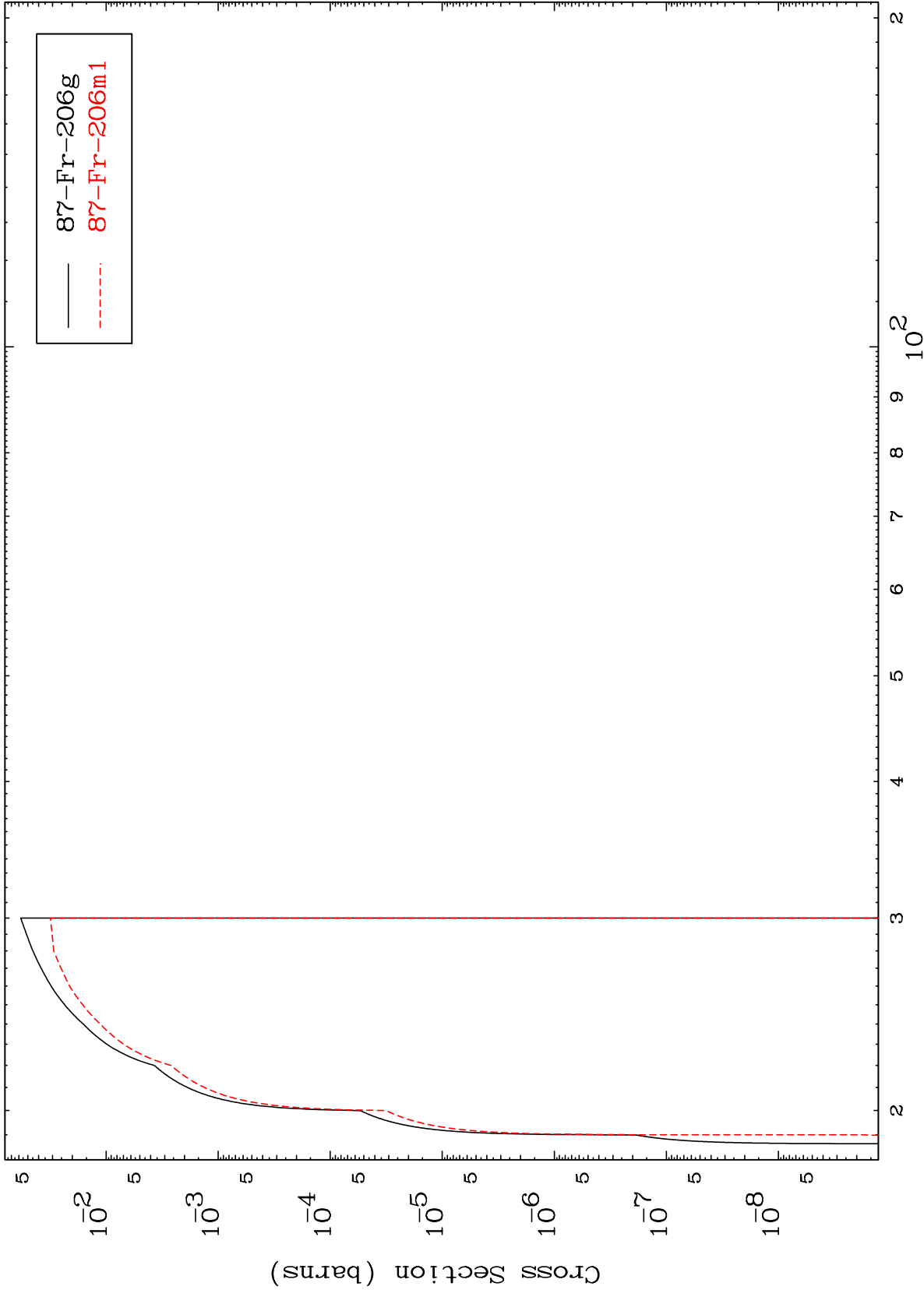


MAT 8613

(d,3n)

86-Rn-207

Radionuclide Production Cross Section



12

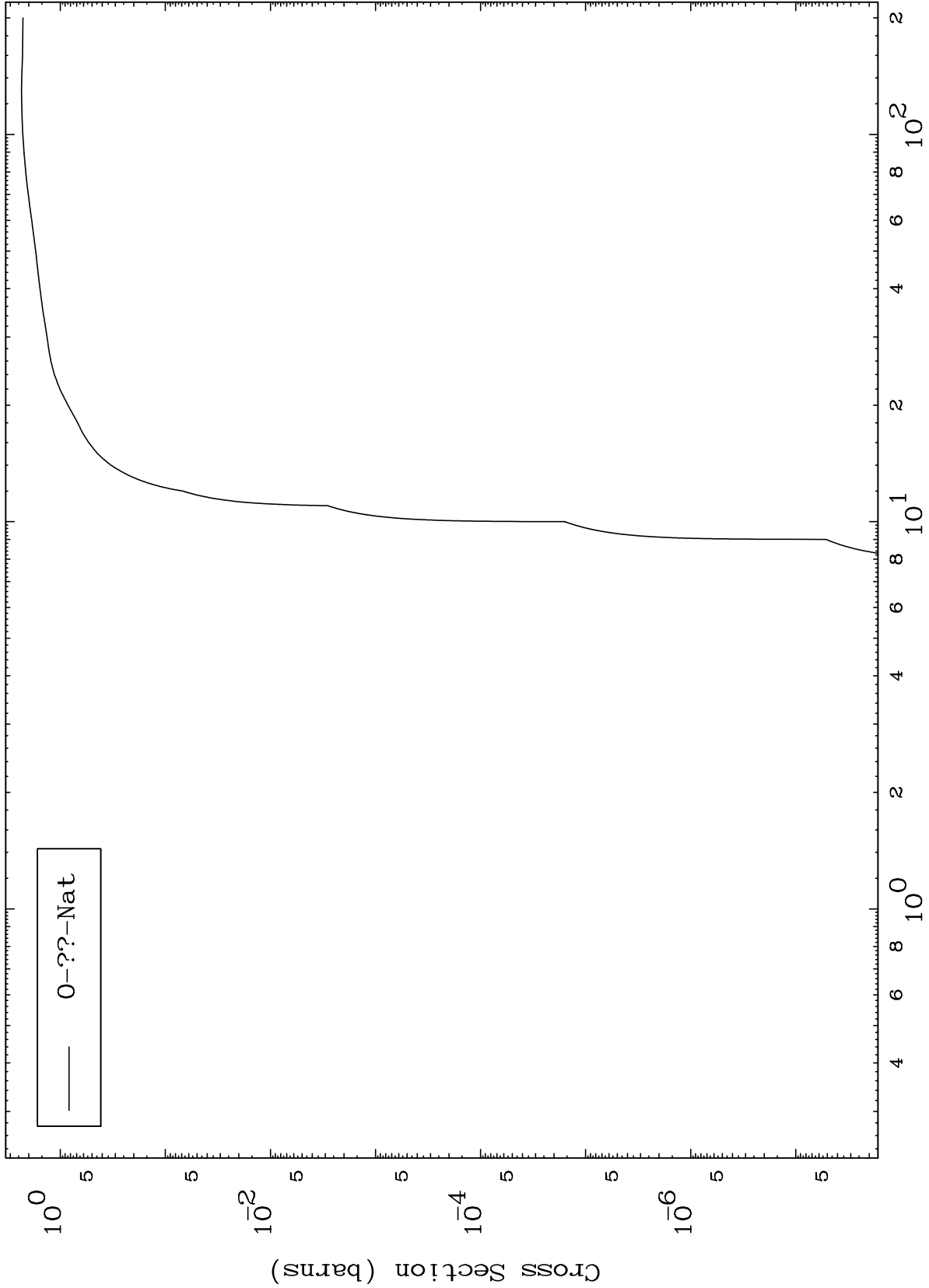
Incident Energy (MeV)

86-Rn-207

MAT 8613

86-Rn-207

Deuteron Fission  
Radionuclide Production Cross Section

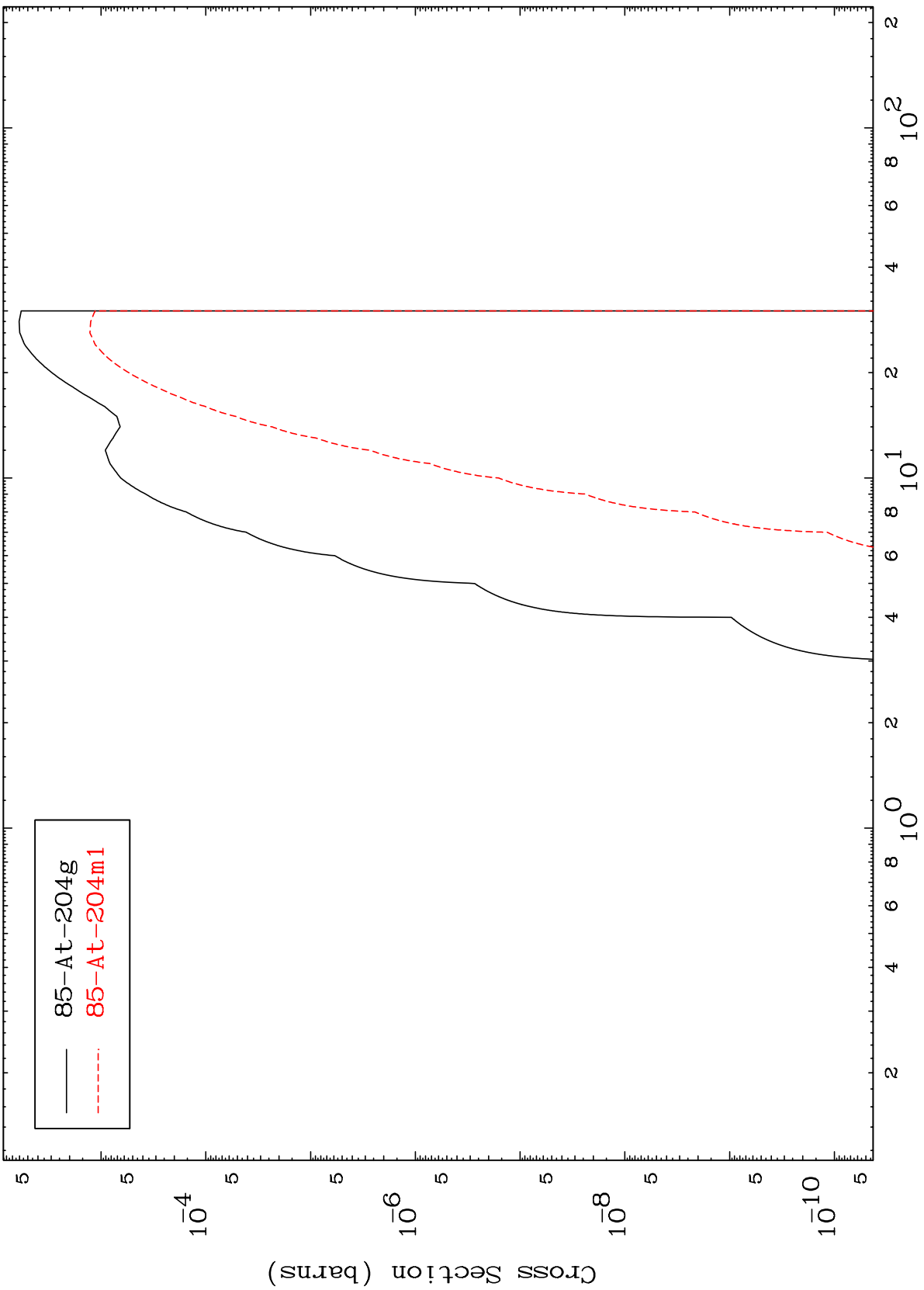


MAT 8613

(d,n')  $\alpha$

86-Rn-207

Radionuclide Production Cross Section



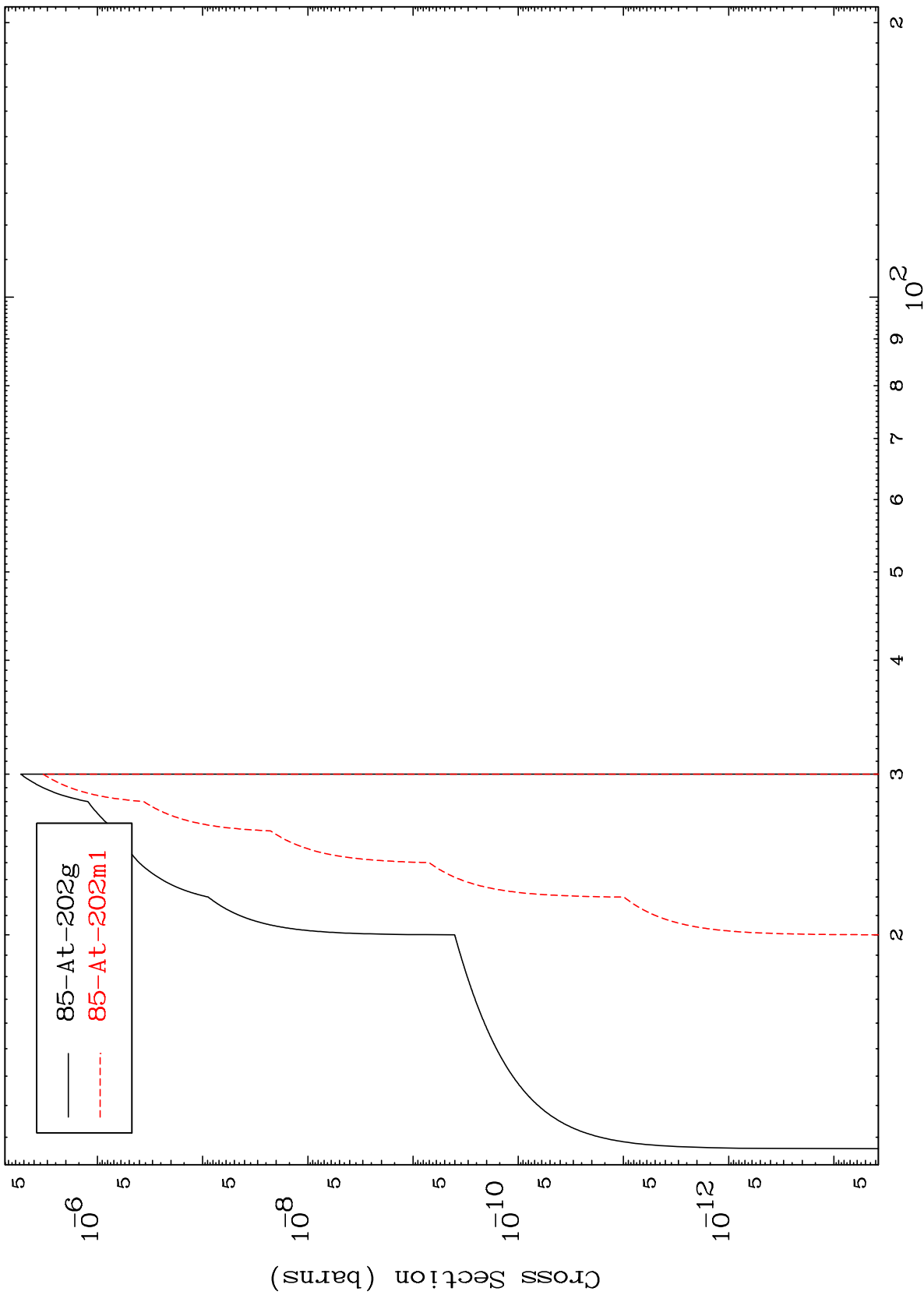
85-At-204g  
85-At-204m1

MAT 8613

(d,3n)  $\alpha$

86-Rn-207

Radionuclide Production Cross Section



15

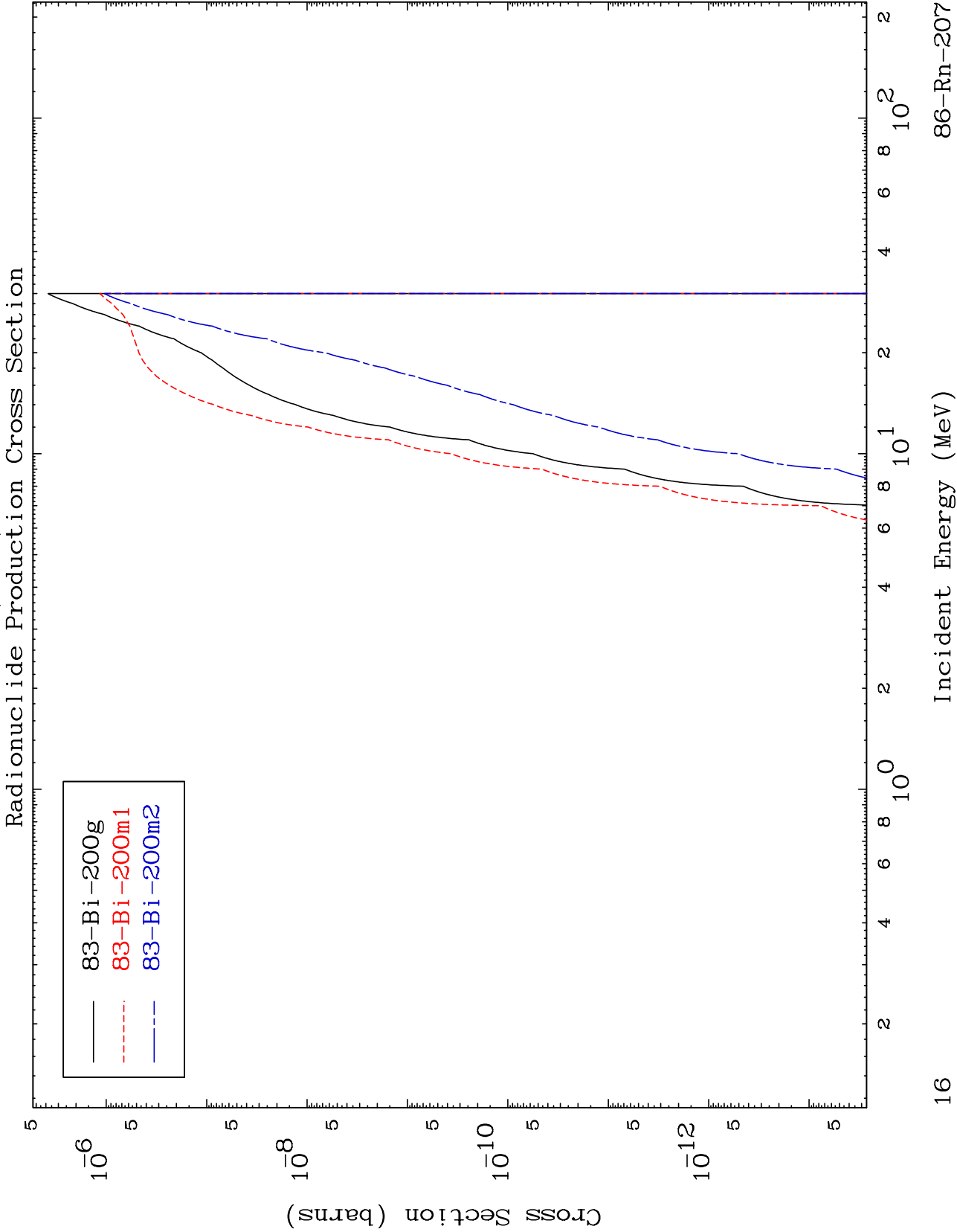
86-Rn-207



MAT 8613

(d,n') 2α

86-Rn-207

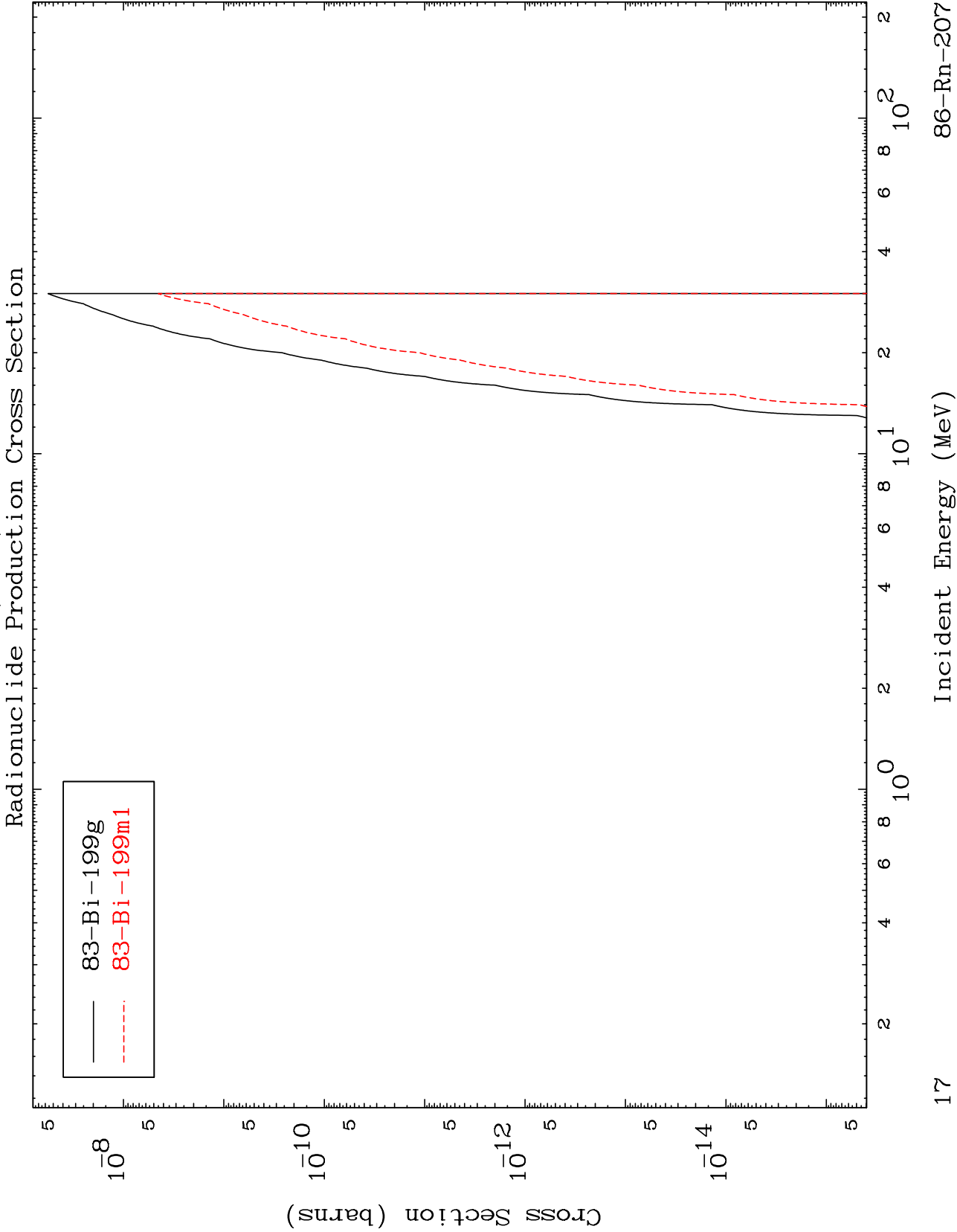


83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

MAT 8613

$(d,2n) \ 2\alpha$

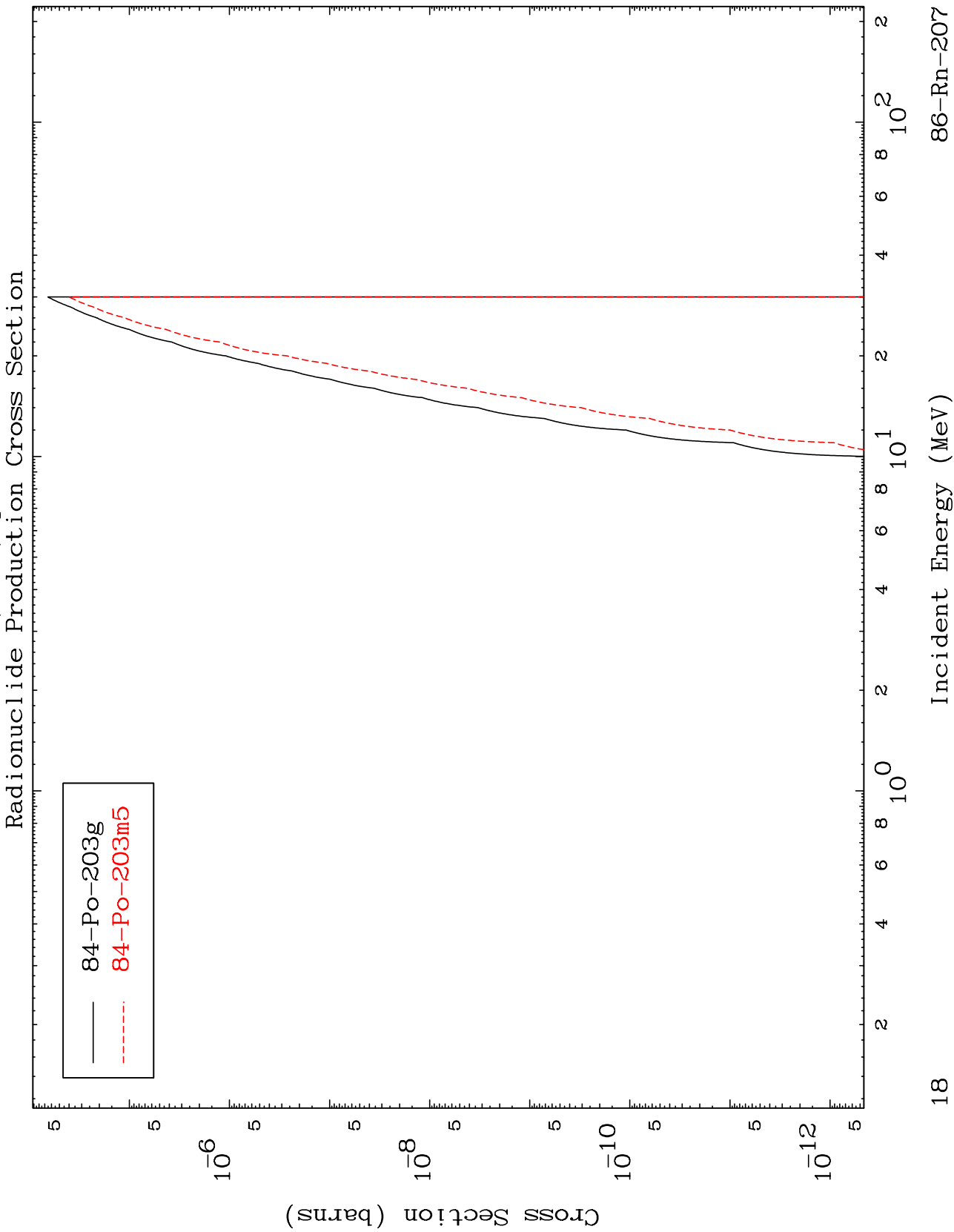
86-Rn-207



MAT 8613

(d,n') p  $\alpha$

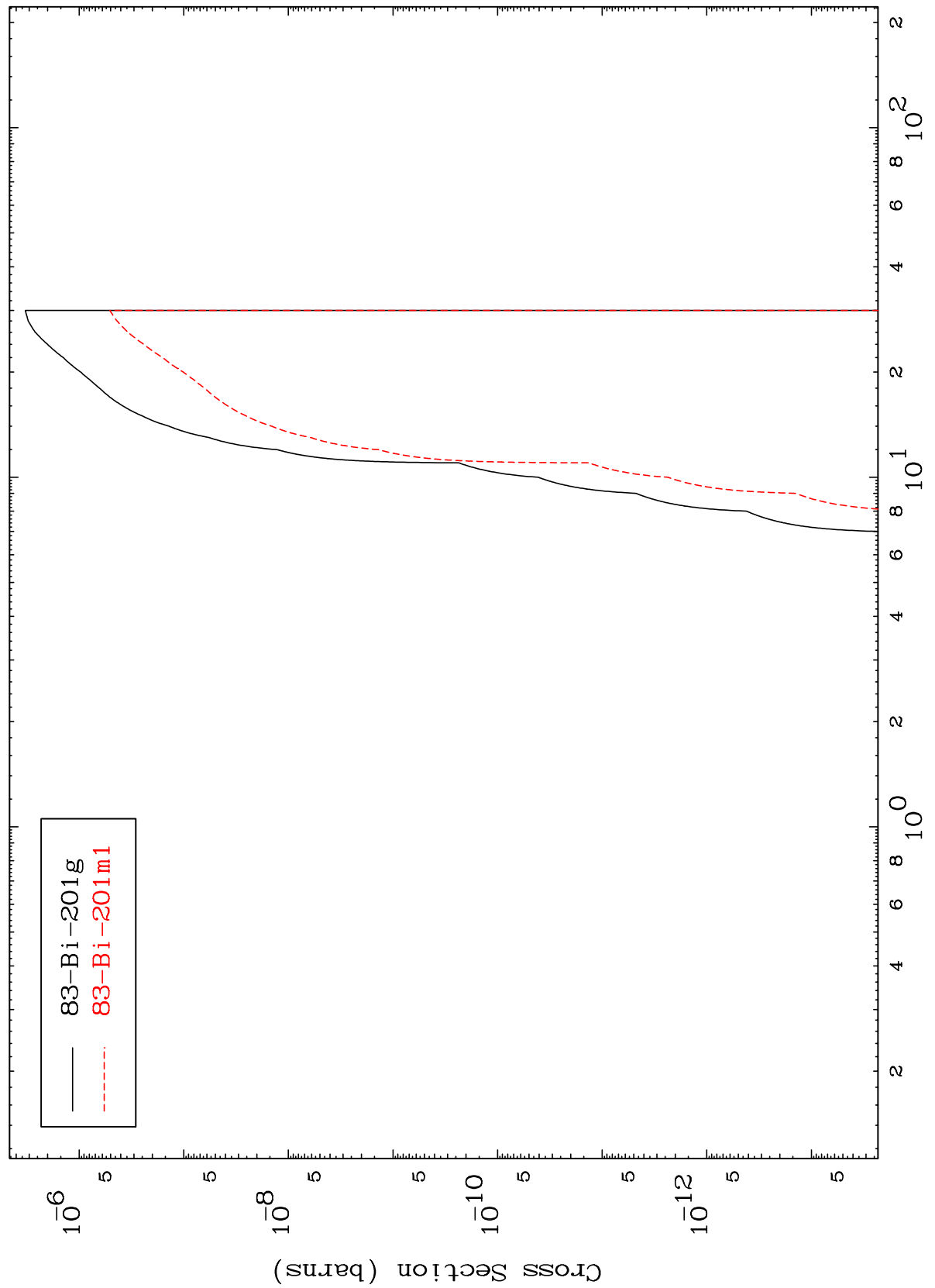
86-Rn-207



MAT 8613

86-Rn-207

Radionuclide Production Cross Section  
(d,2 $\alpha$ )

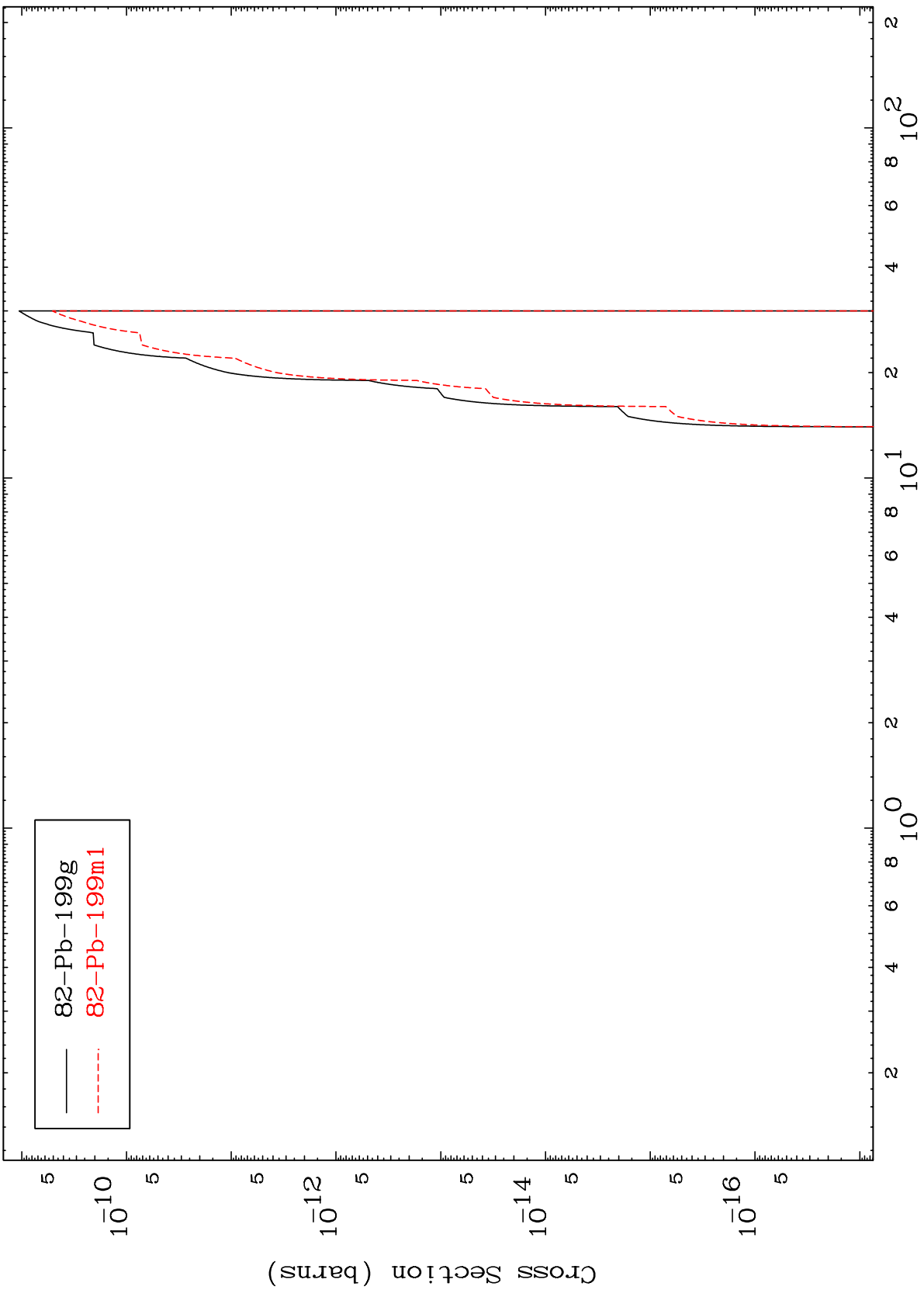


MAT 8613

(d,d)  $2\alpha$

86-Rn-207

Radionuclide Production Cross Section



20

Incident Energy (MeV)

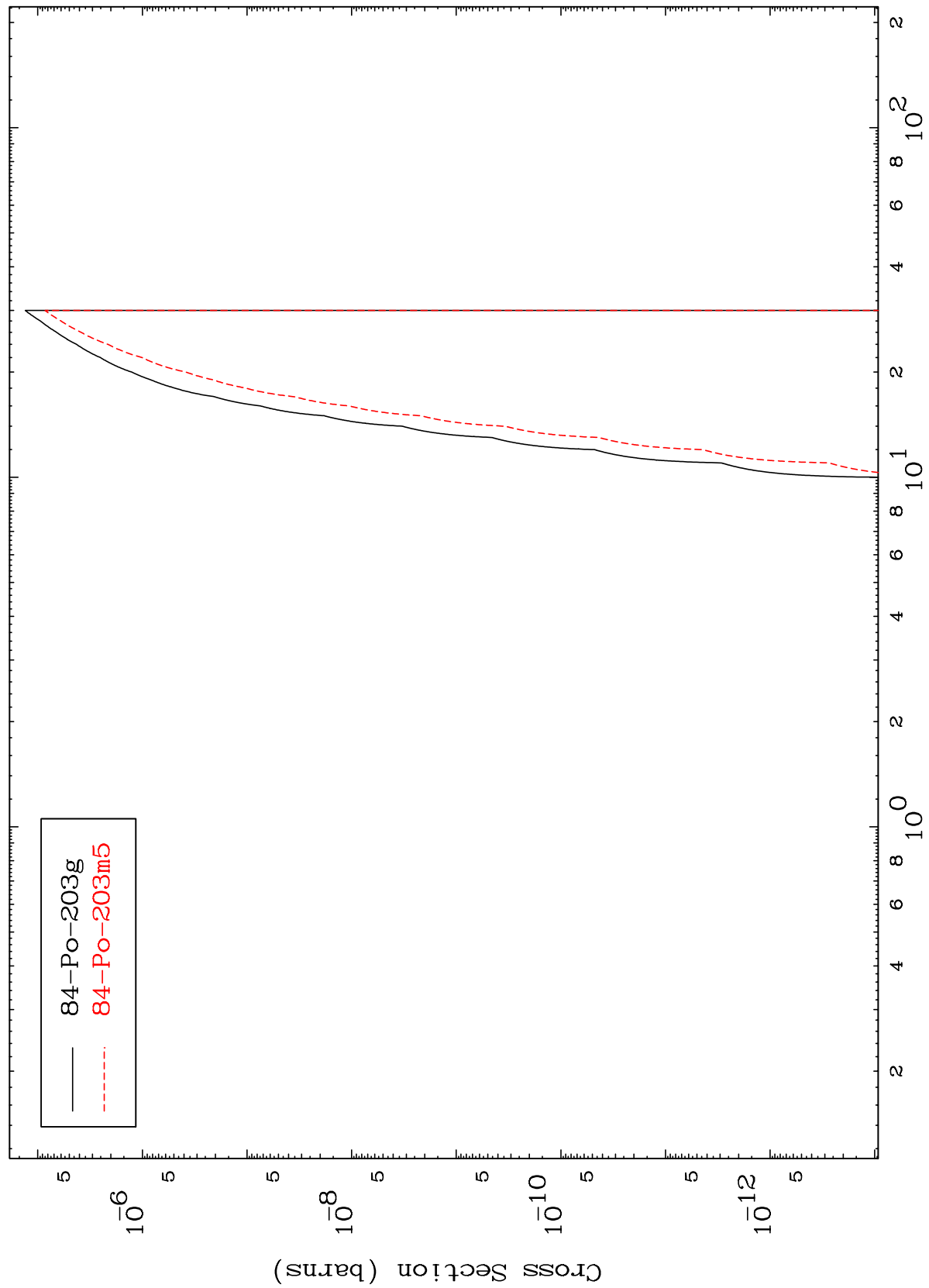
86-Rn-207

MAT 8613

(d,d)  $\alpha$

86-Rn-207

Radionuclide Production Cross Section



— 84-Po-203g  
- - - 84-Po-203m5