

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

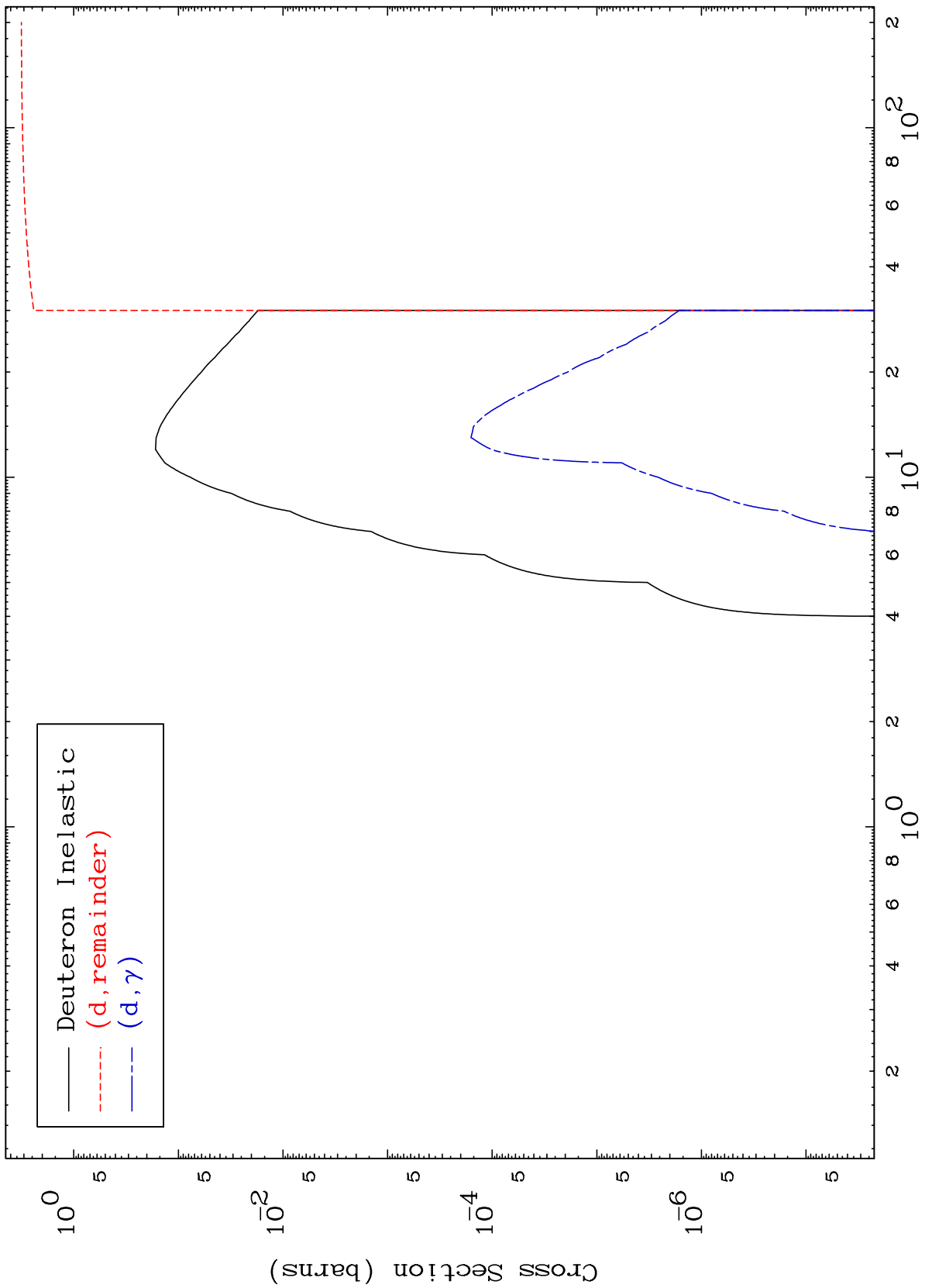
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Tele: 925-443-1911

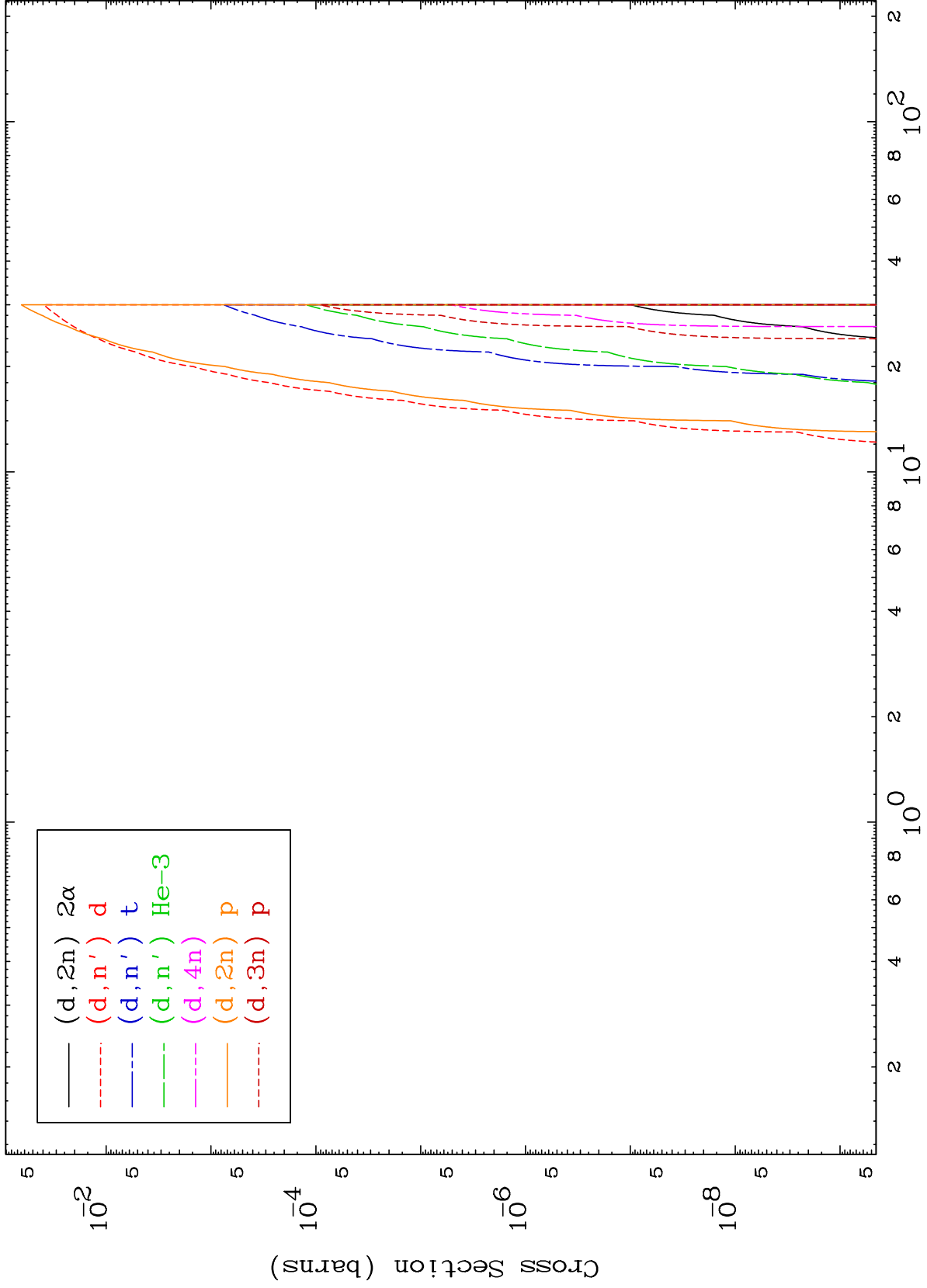
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

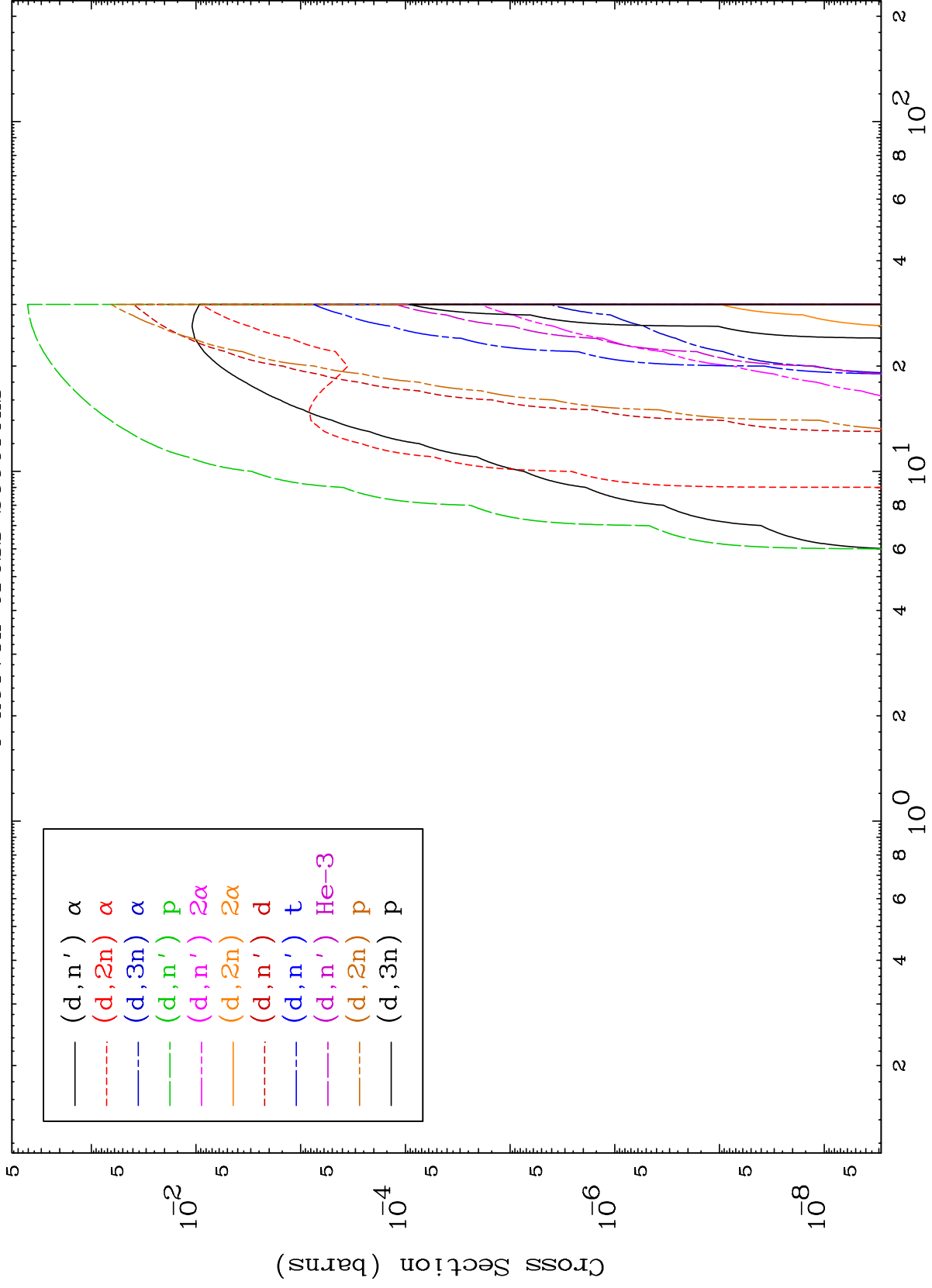
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

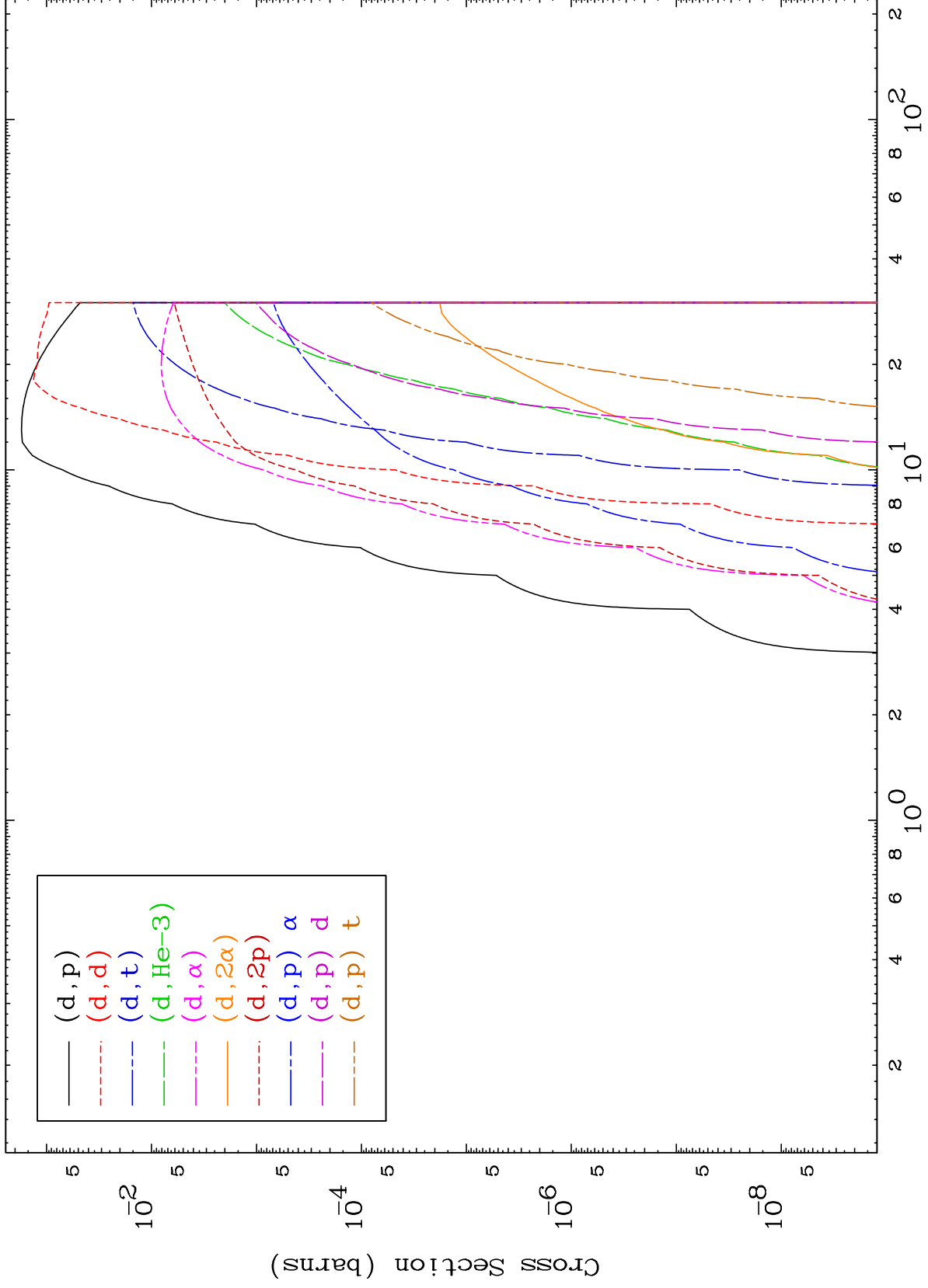
Press Mouse Button to Start









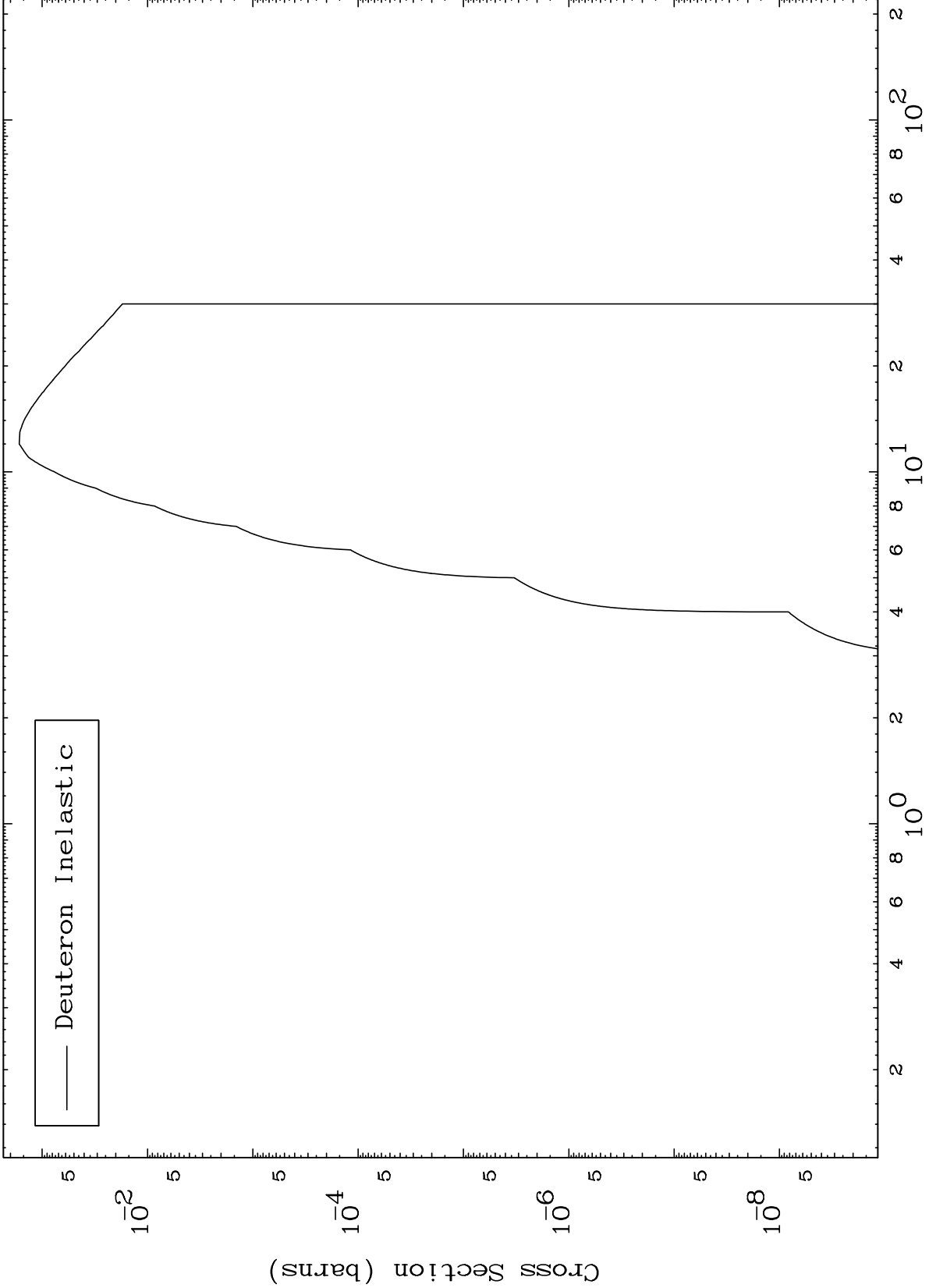


MAT 8523

(d,n') Level

85-At-202

0 Kelvin Cross Sections

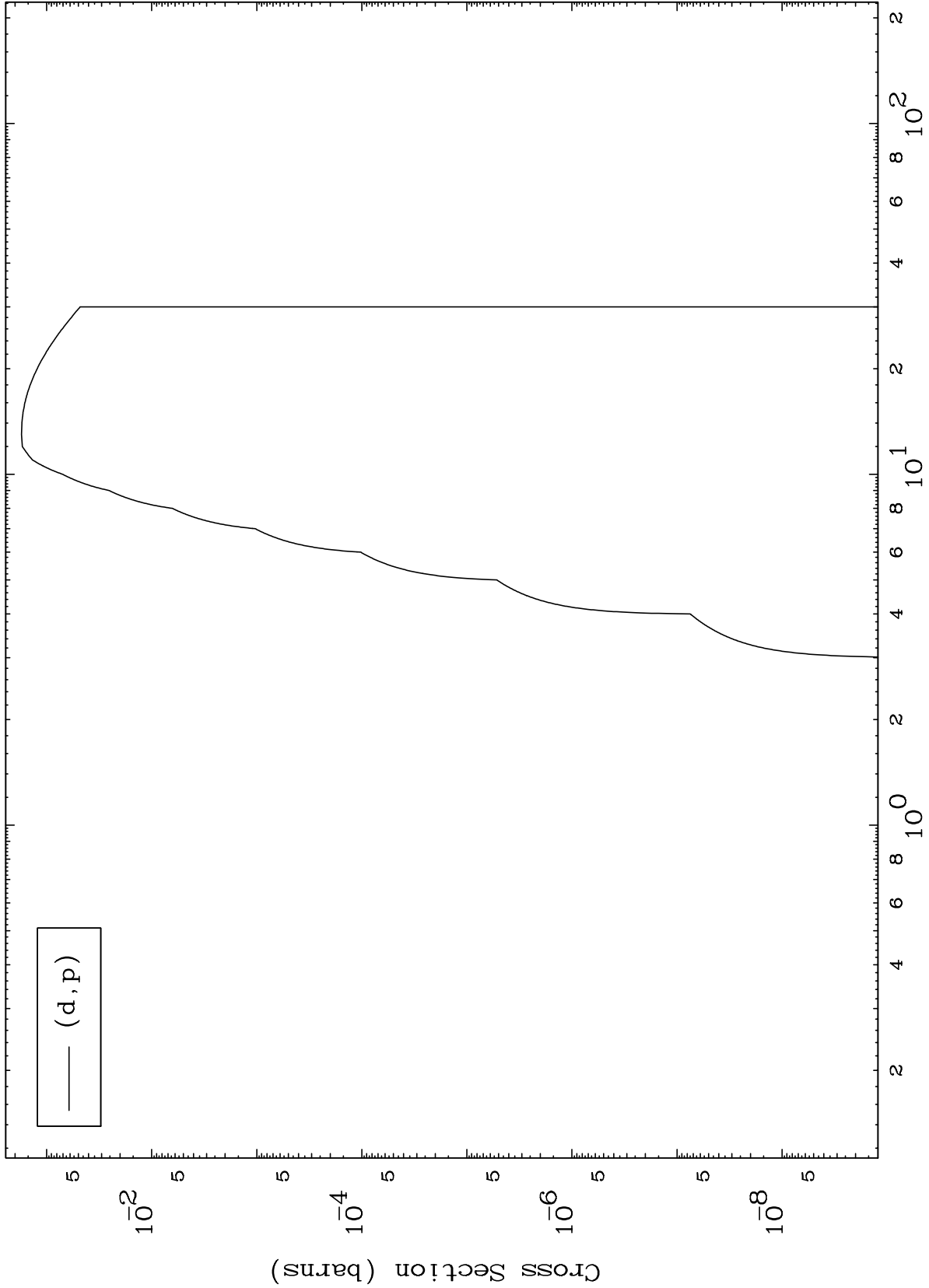


MAT 8523

(d,p) Levels

85-At-202

0 Kelvin Cross Sections



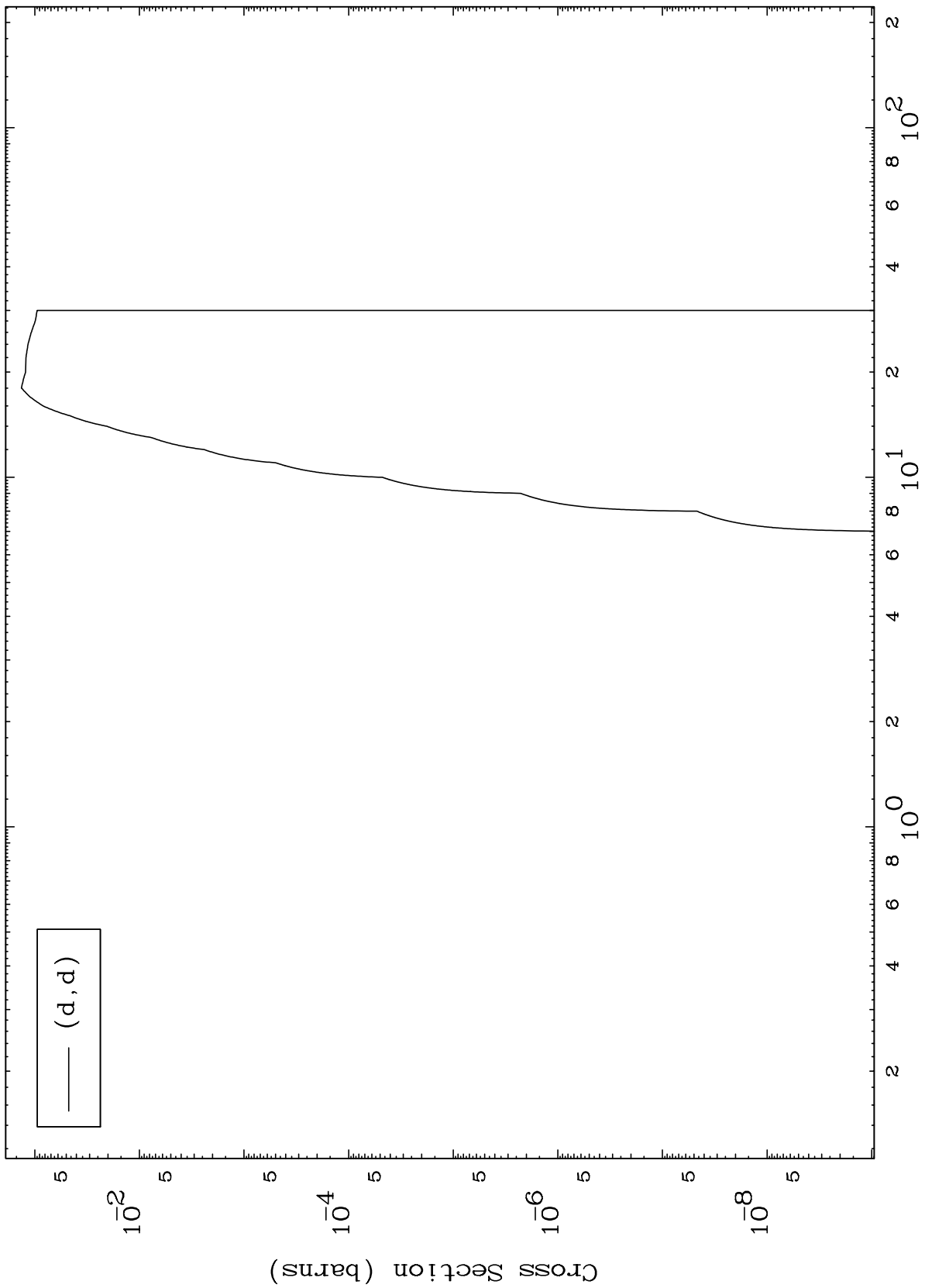


MAT 8523

(d,d) Levels

85-At-202

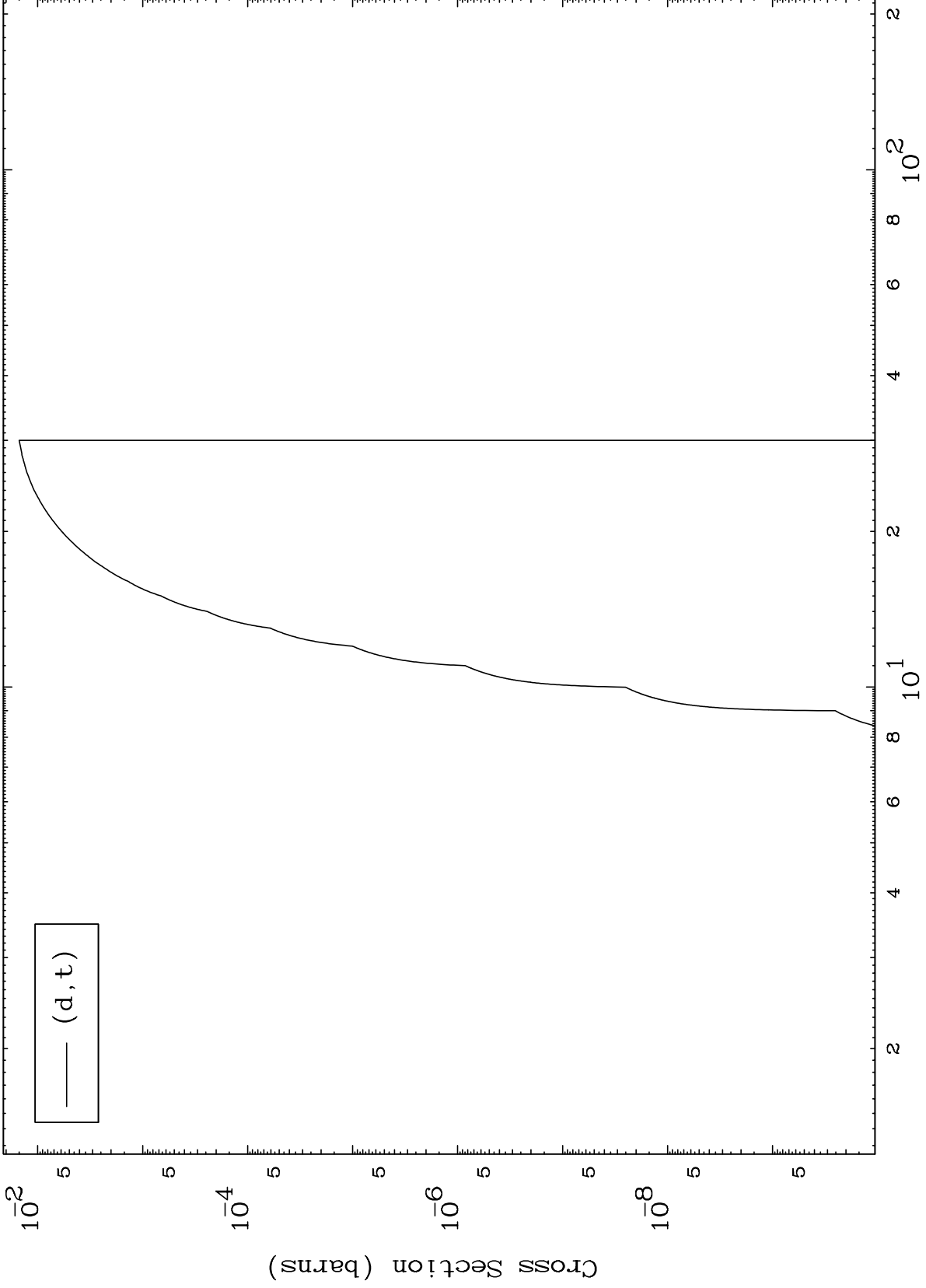
0 Kelvin Cross Sections



MAT 8523

85-At-202

(d,t) Levels  
0 Kelvin Cross Sections

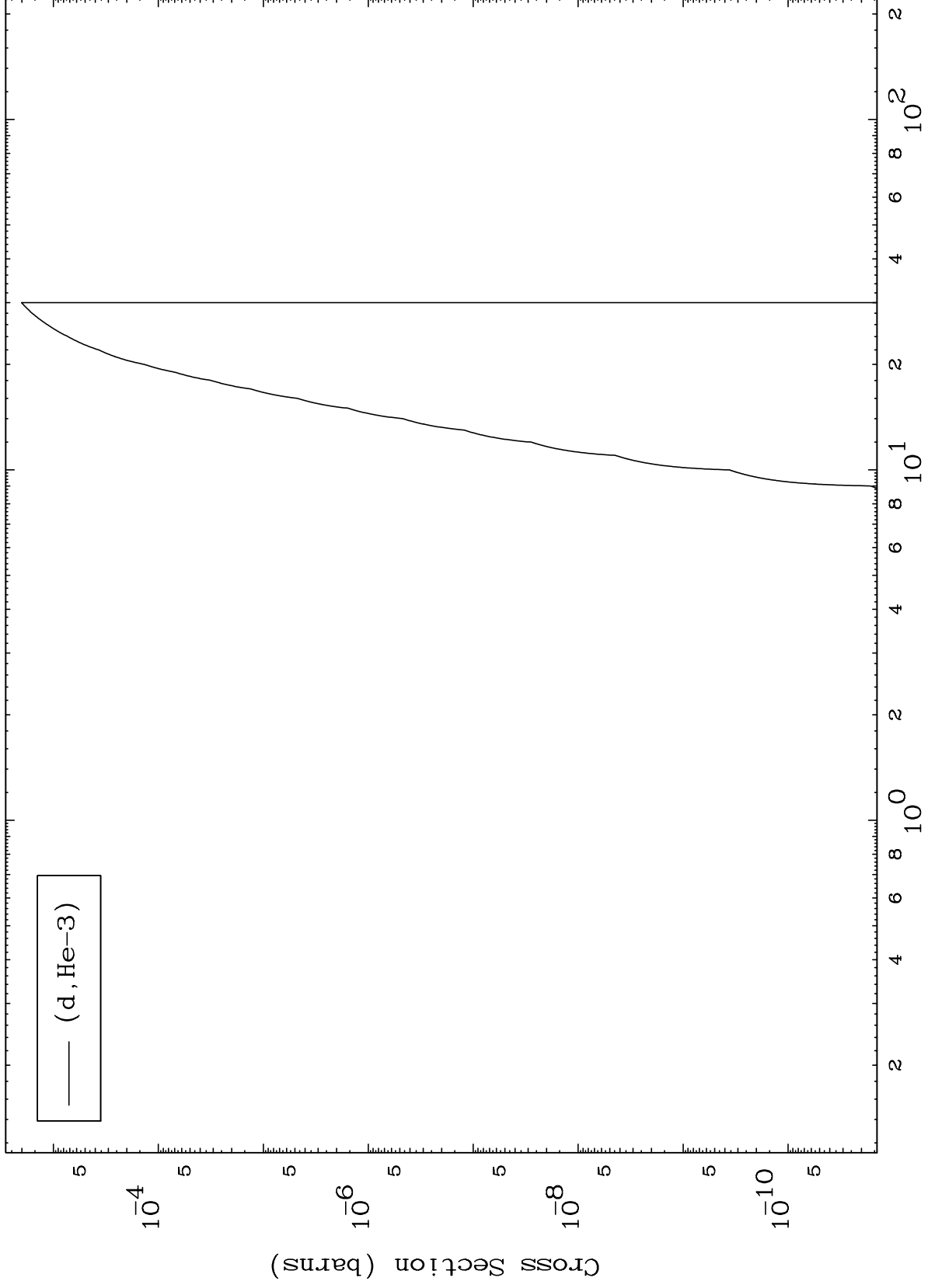


MAT 8523

(d,He3) Levels

85-At-202

0 Kelvin Cross Sections



10

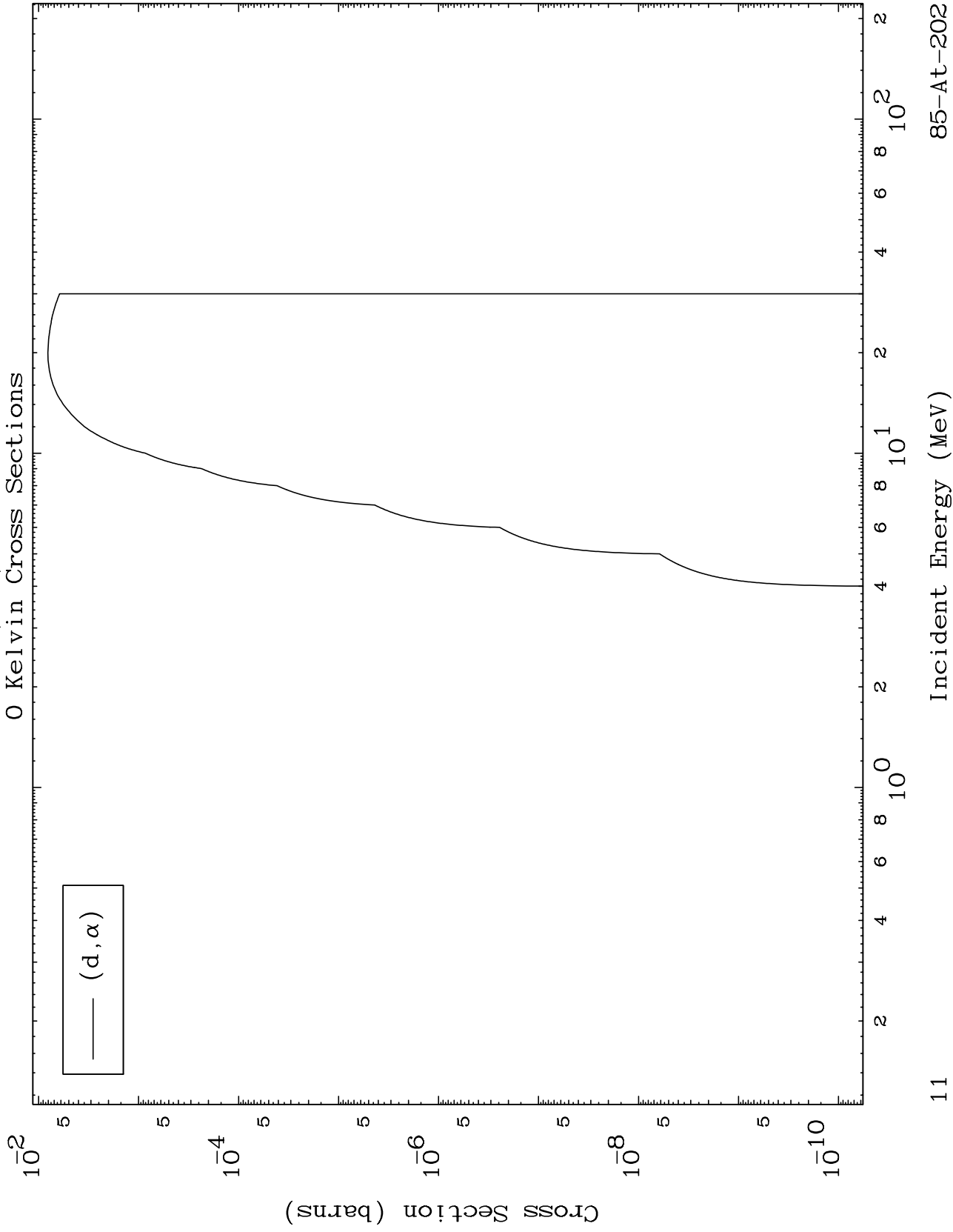
Incident Energy (MeV)

85-At-202

MAT 8523

(d,  $\alpha$ ) Levels

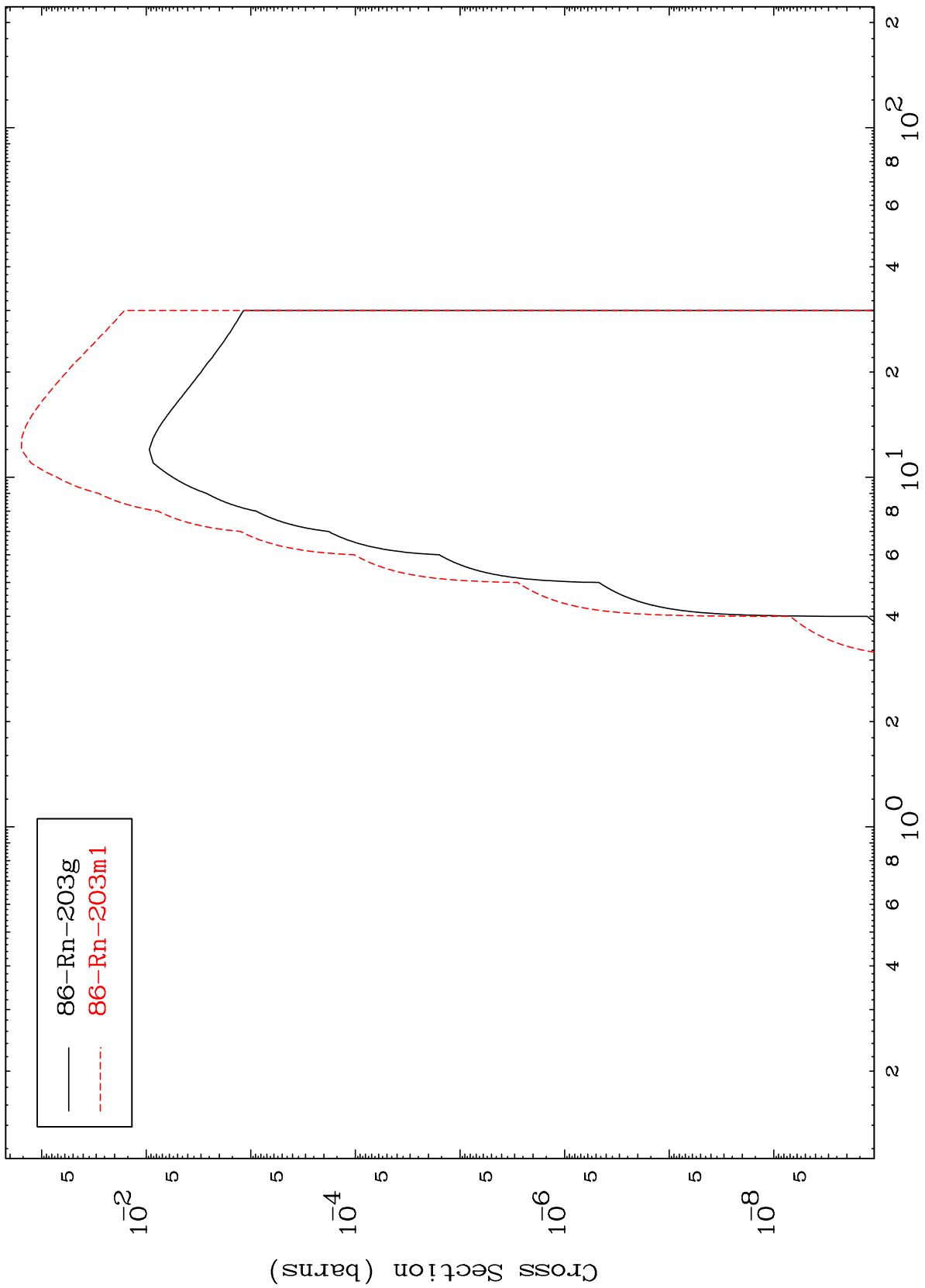
85-At-202



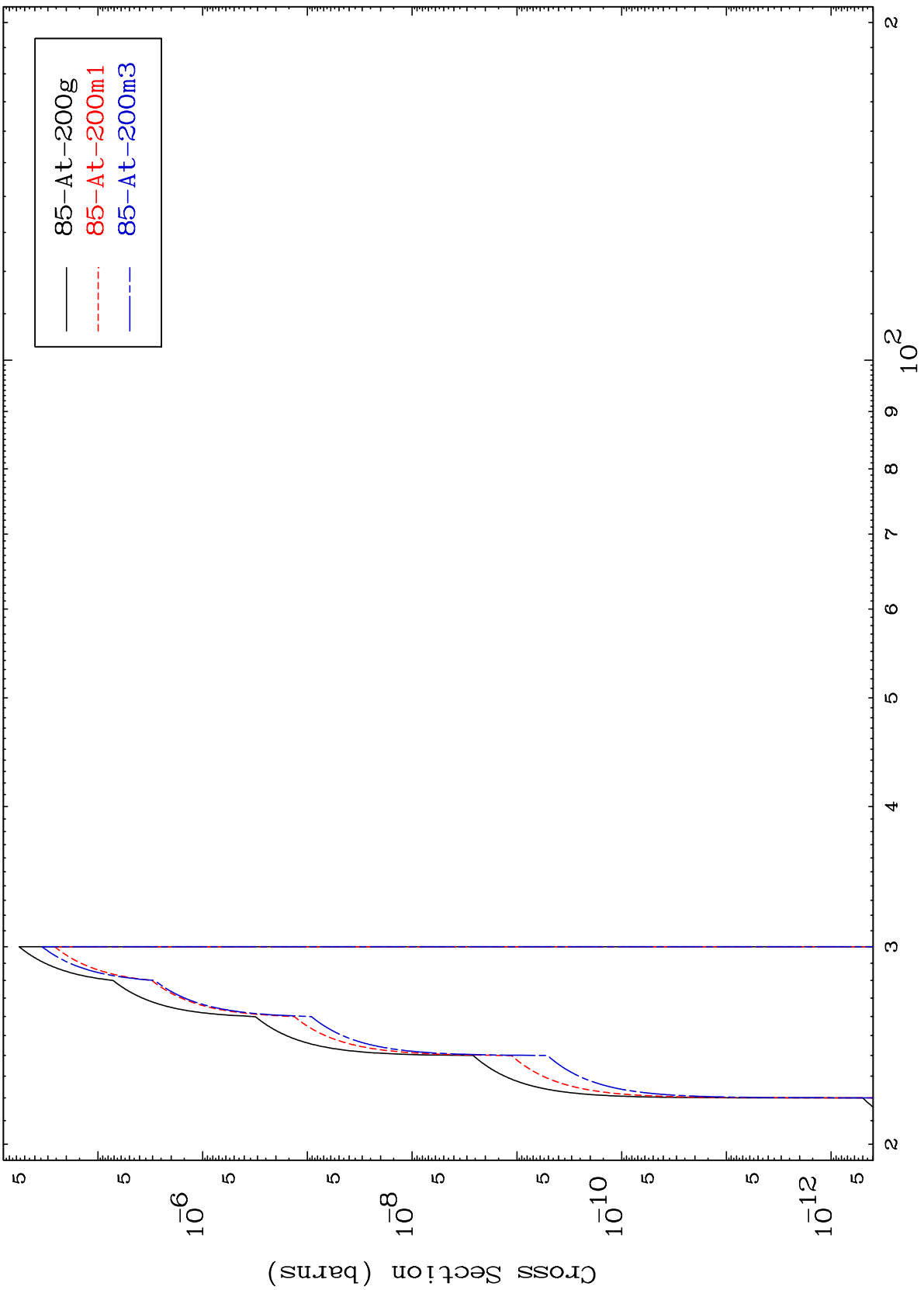
MAT 8523

Radionuclide Production Cross Section  
Deuteron Inelastic

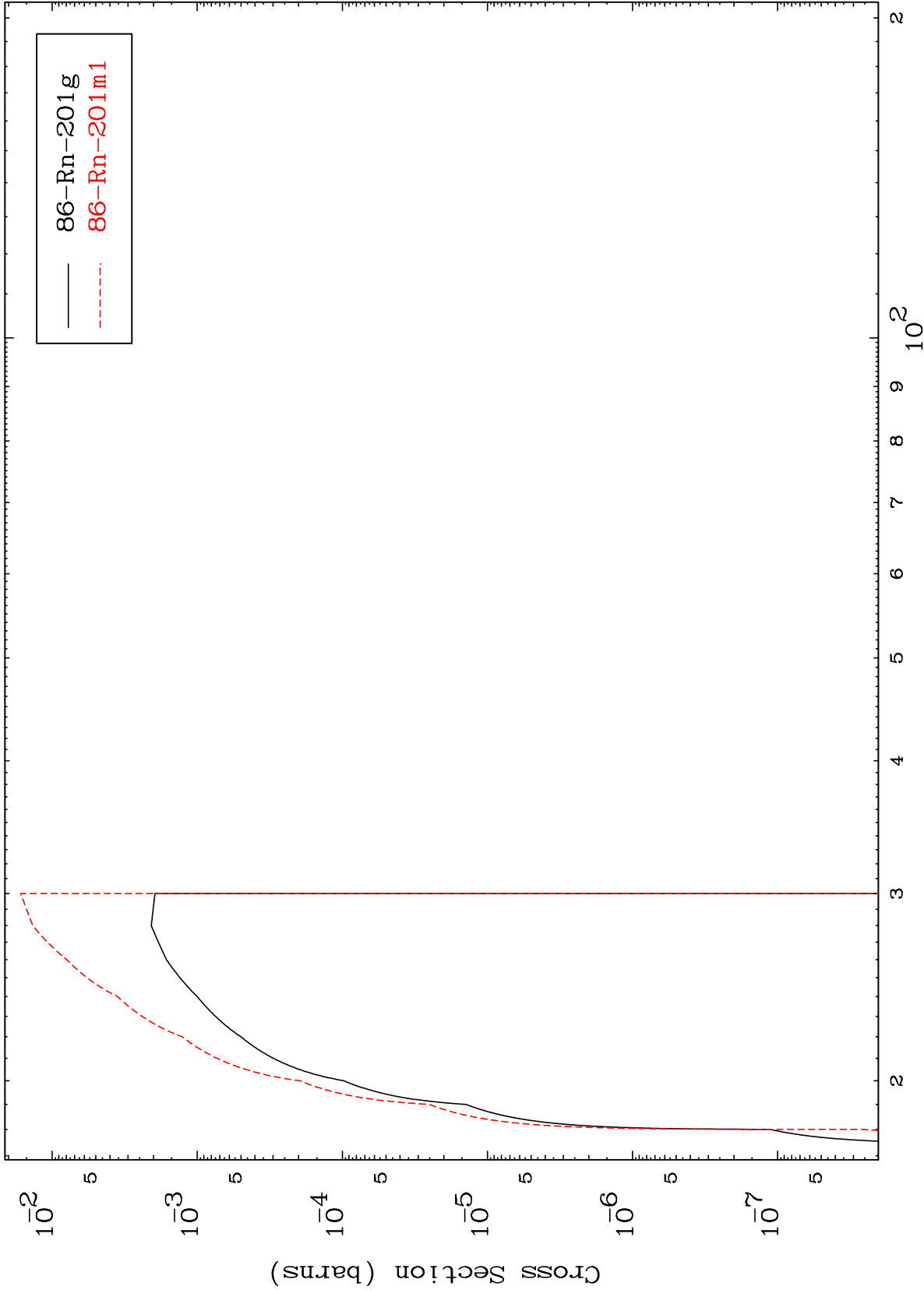
85-At-202



Radionuclide Production Cross Section



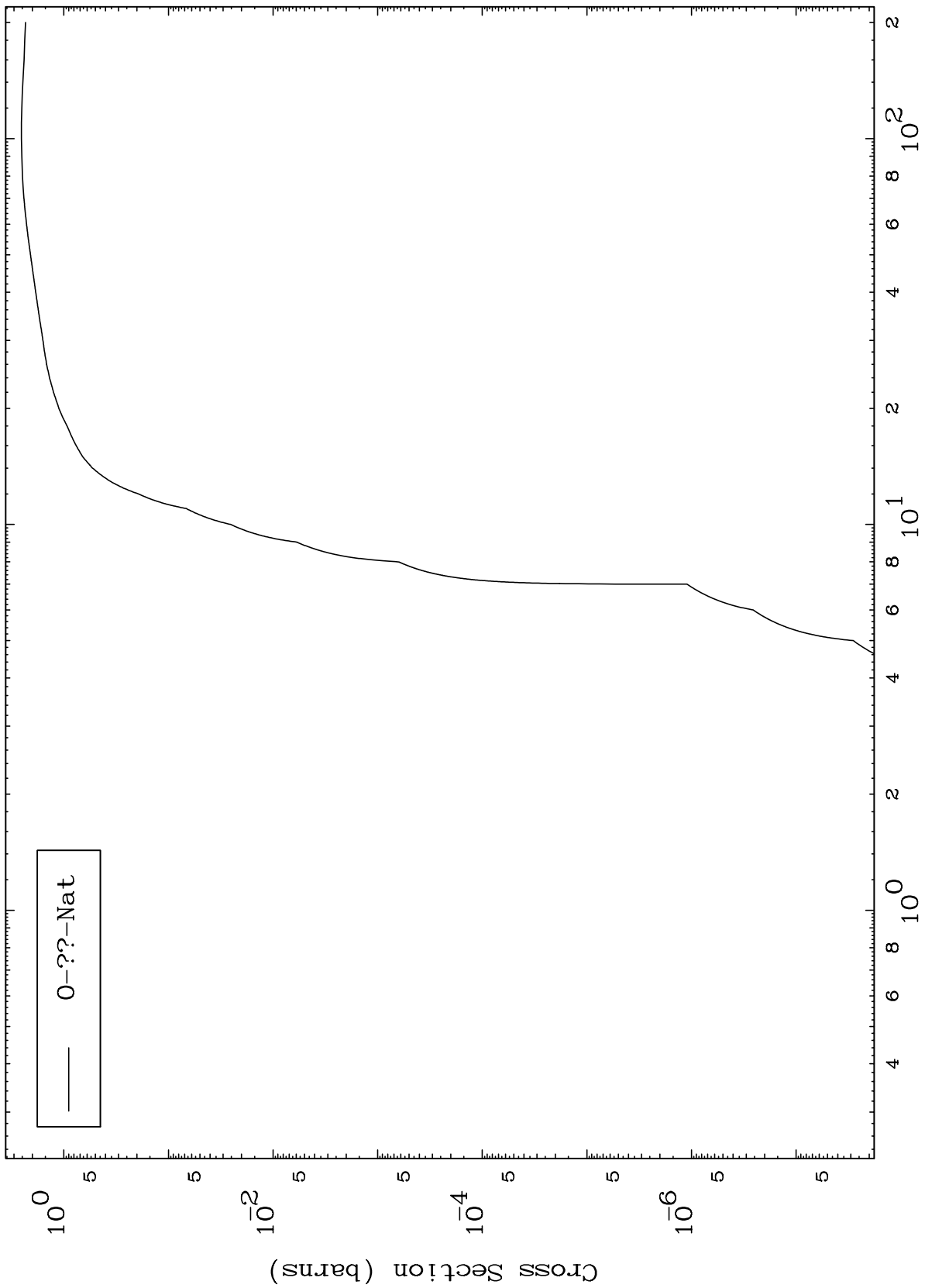
Radionuclide Production Cross Section



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85-At-202

Deuteron Fission  
Radionuclide Production Cross Section



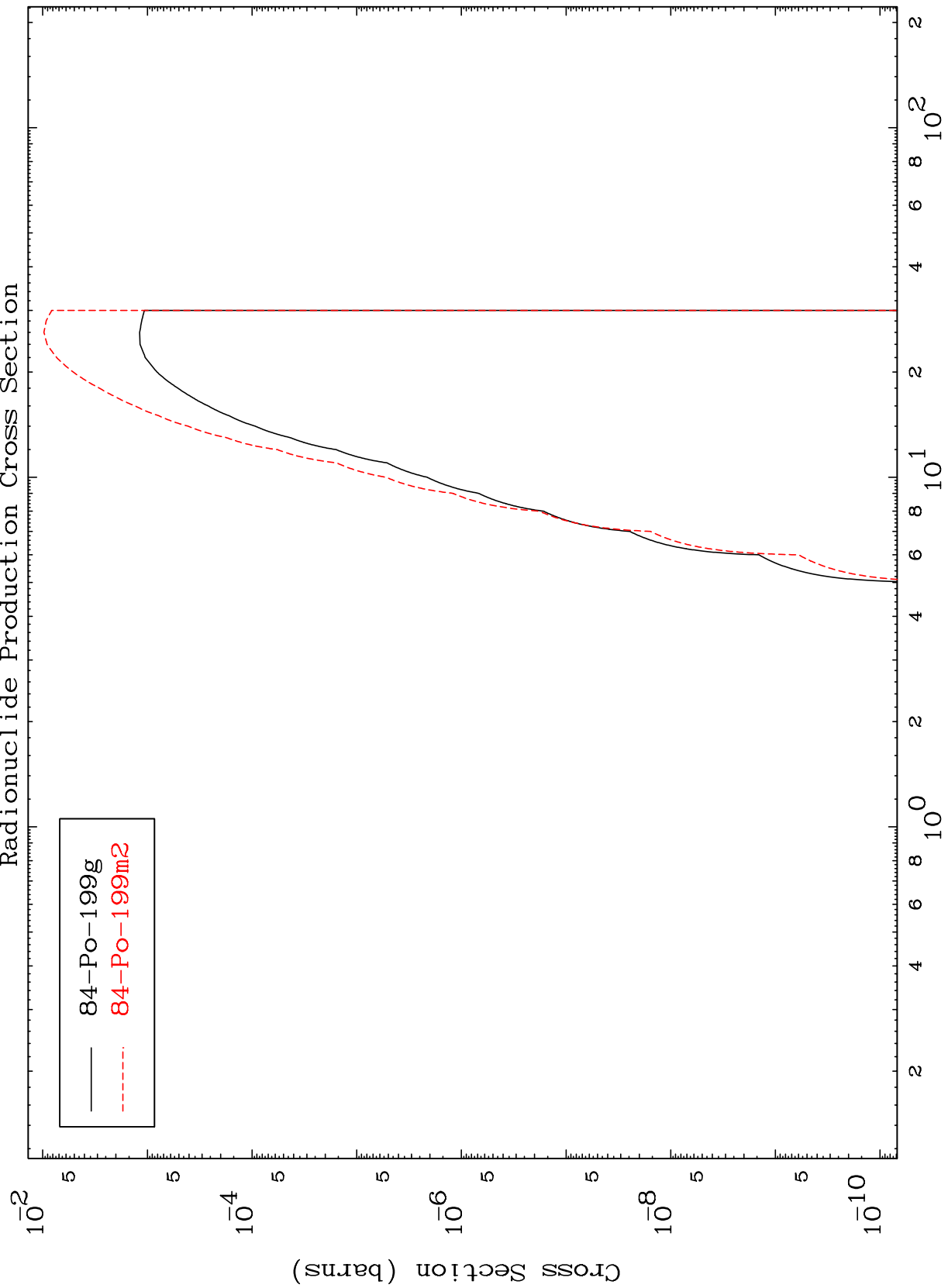


MAT 8523

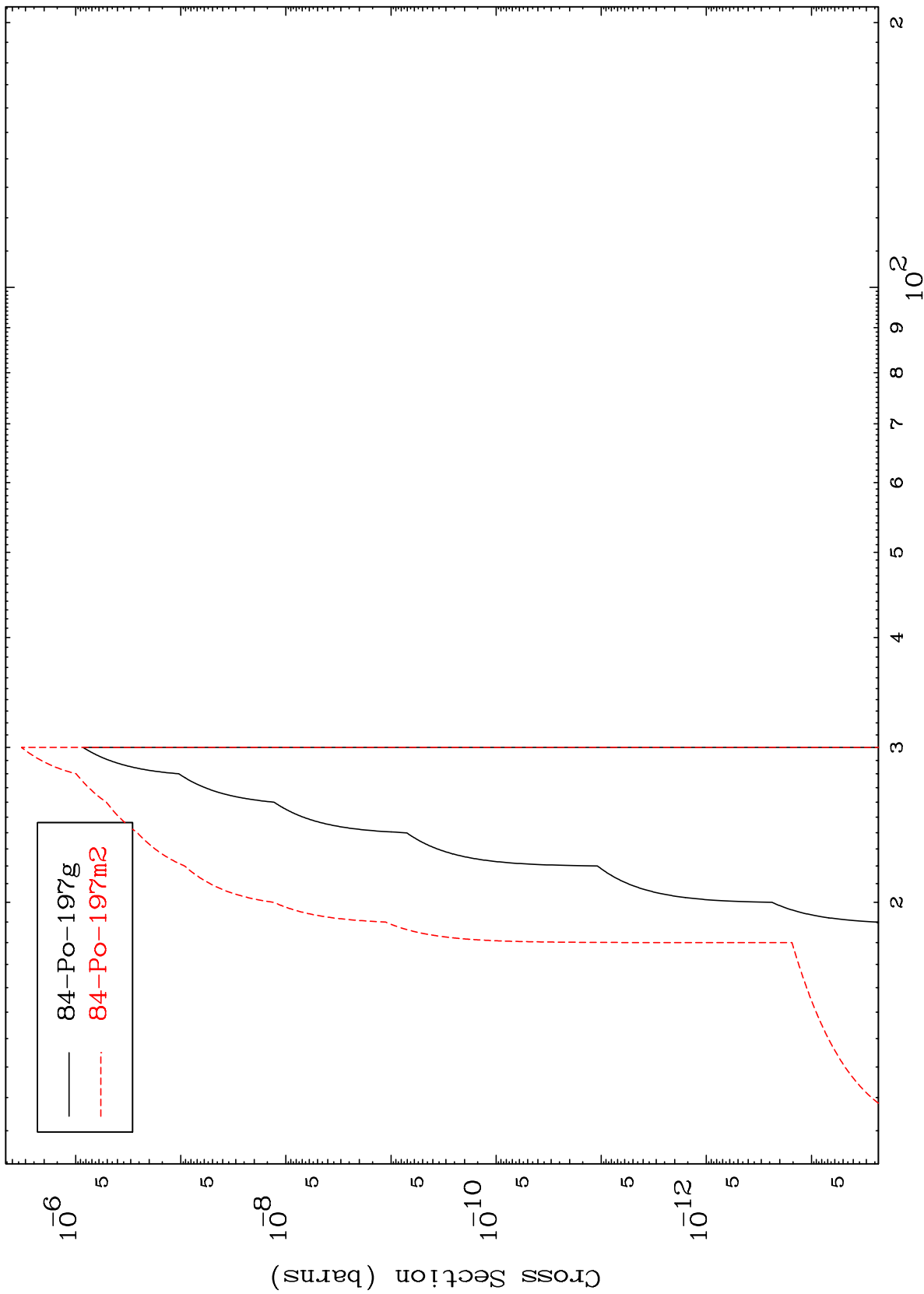
(d,n')  $\alpha$

85-At-202

Radionuclide Production Cross Section



Radionuclide Production Cross Section

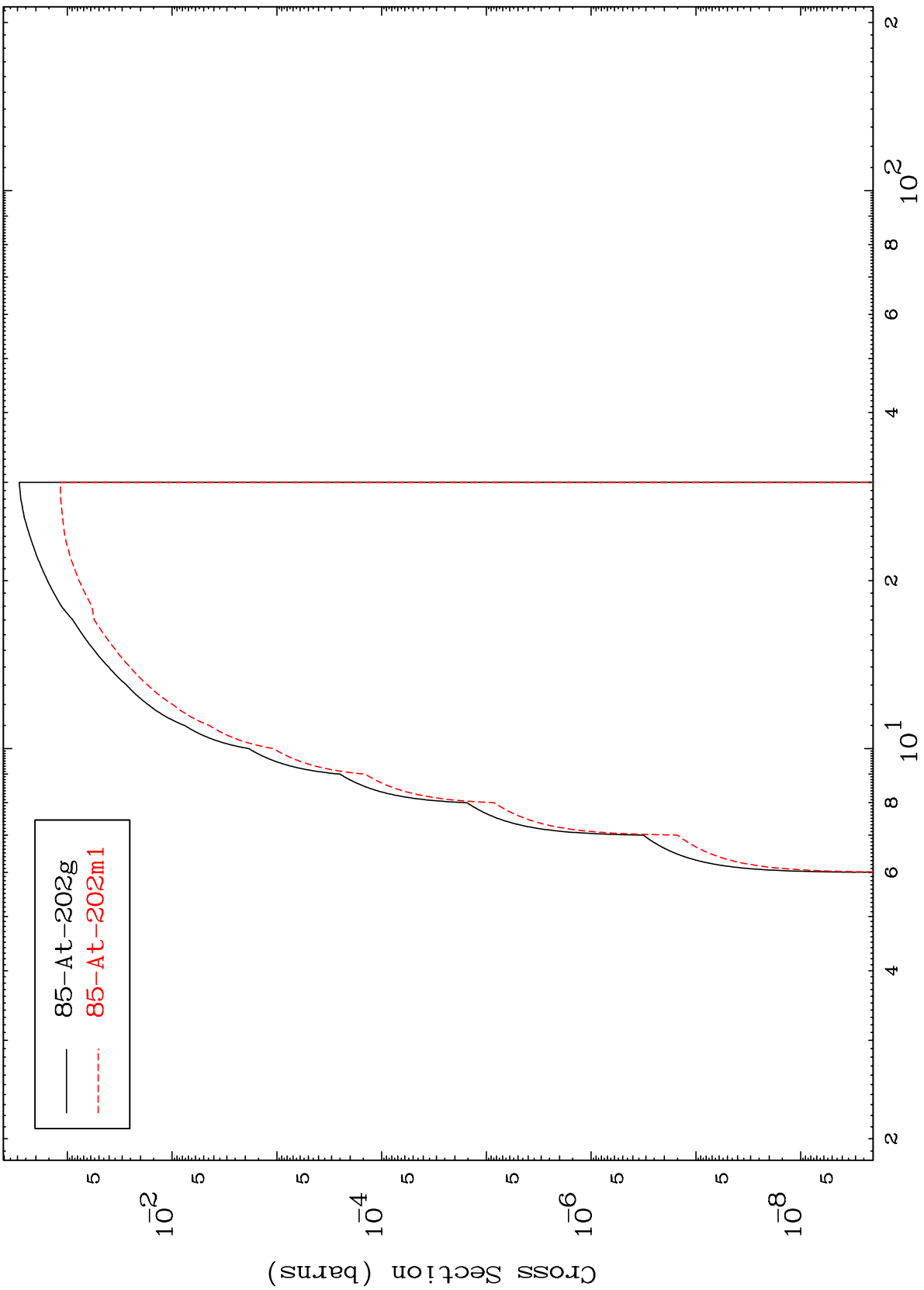


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(d,n') p

85-At-202

Radionuclide Production Cross Section



85-At-202g  
85-At-202m1

18

Incident Energy (MeV)

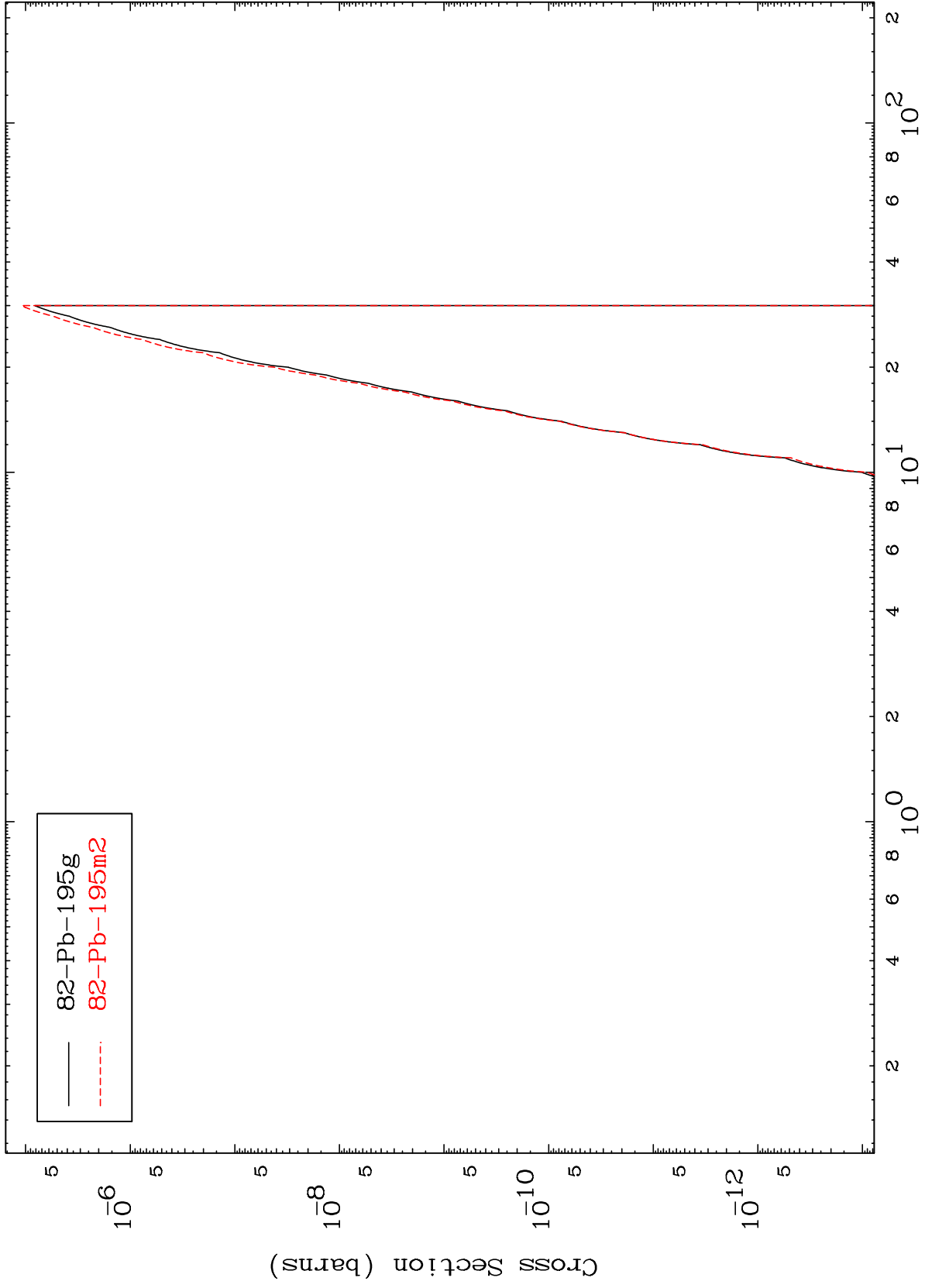
85-At-202

MAT 8523

(d,n') 2α

85-At-202

Radionuclide Production Cross Section



82-Pb-195g  
82-Pb-195m2

19

Incident Energy (MeV)

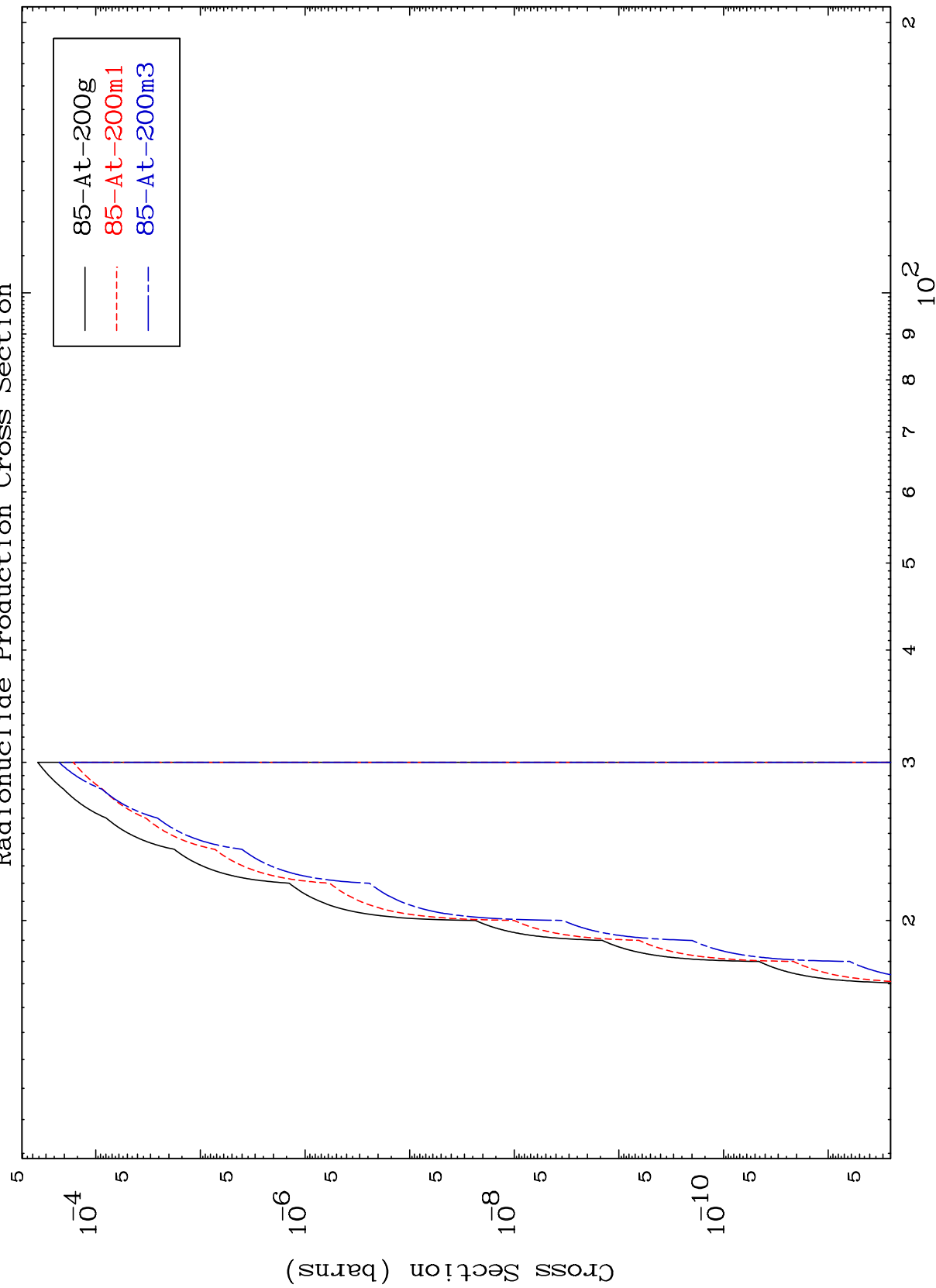
85-At-202

MAT 8523

(d,n') t

85-At-202

Radionuclide Production Cross Section



20

Incident Energy (MeV)

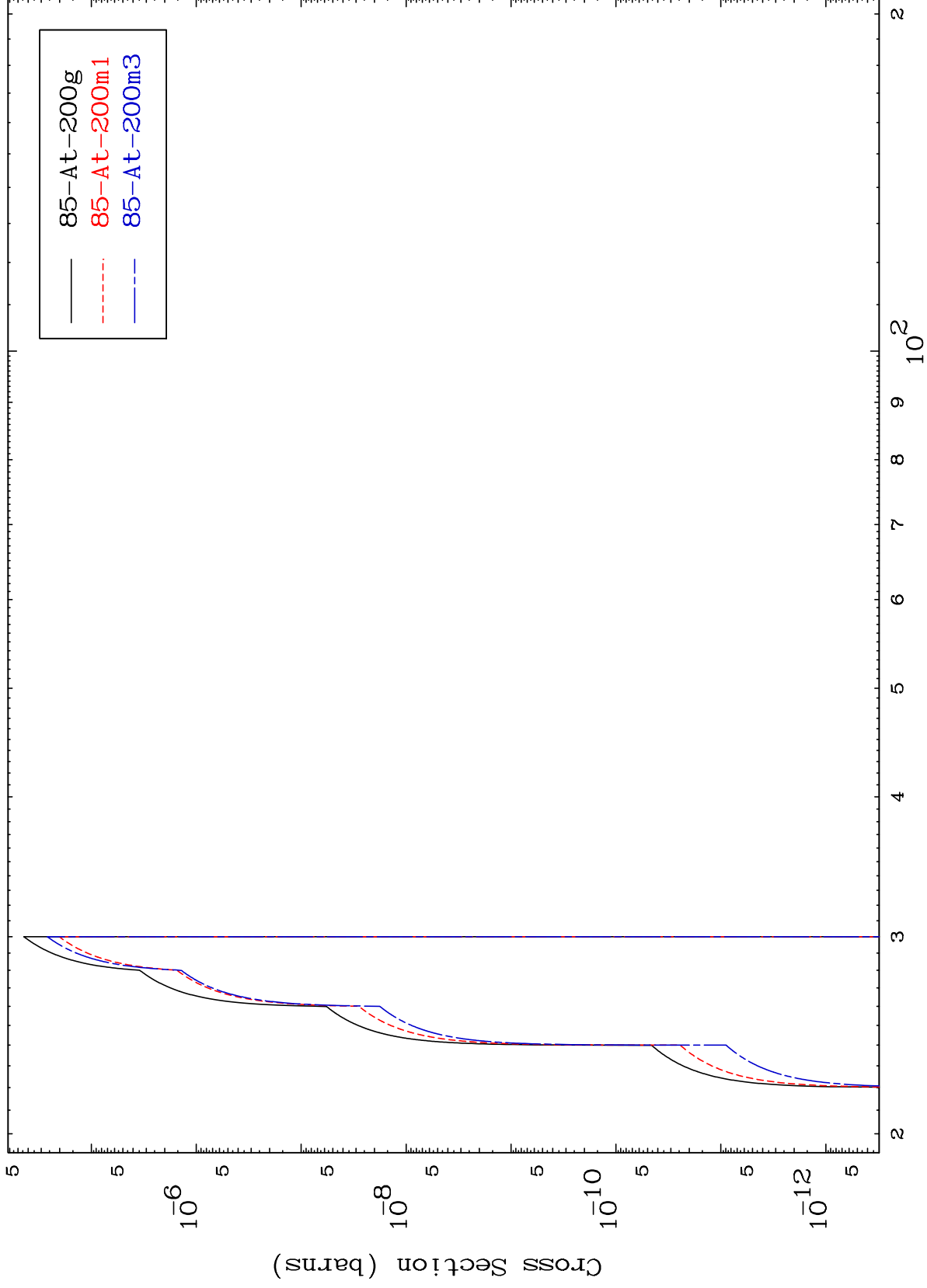
85-At-202

MAT 8523

(d,3n) p

85-At-202

Radionuclide Production Cross Section



21

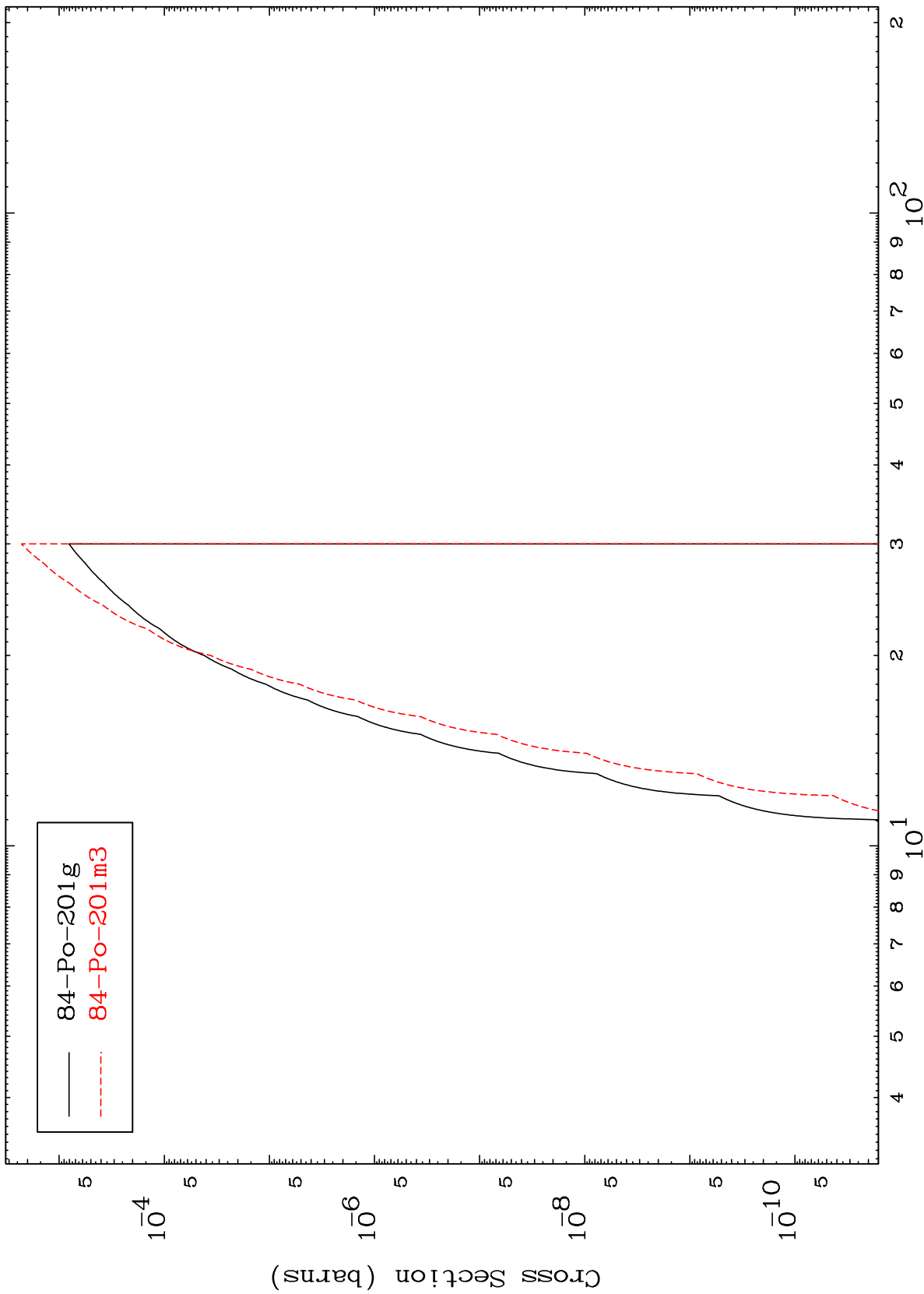
Incident Energy (MeV)

85-At-202

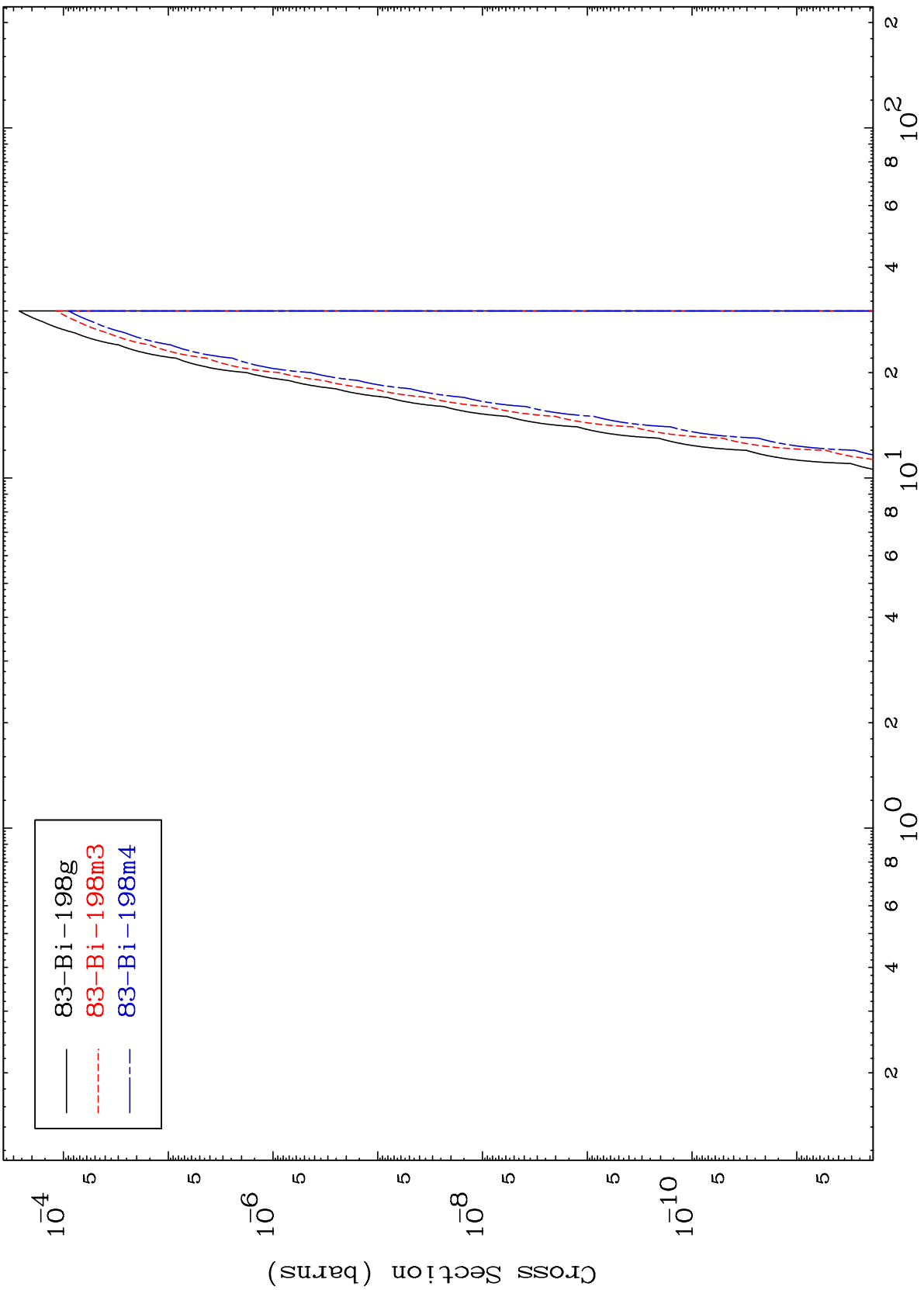
MAT 8523

85-At-202

(d,2n) p  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

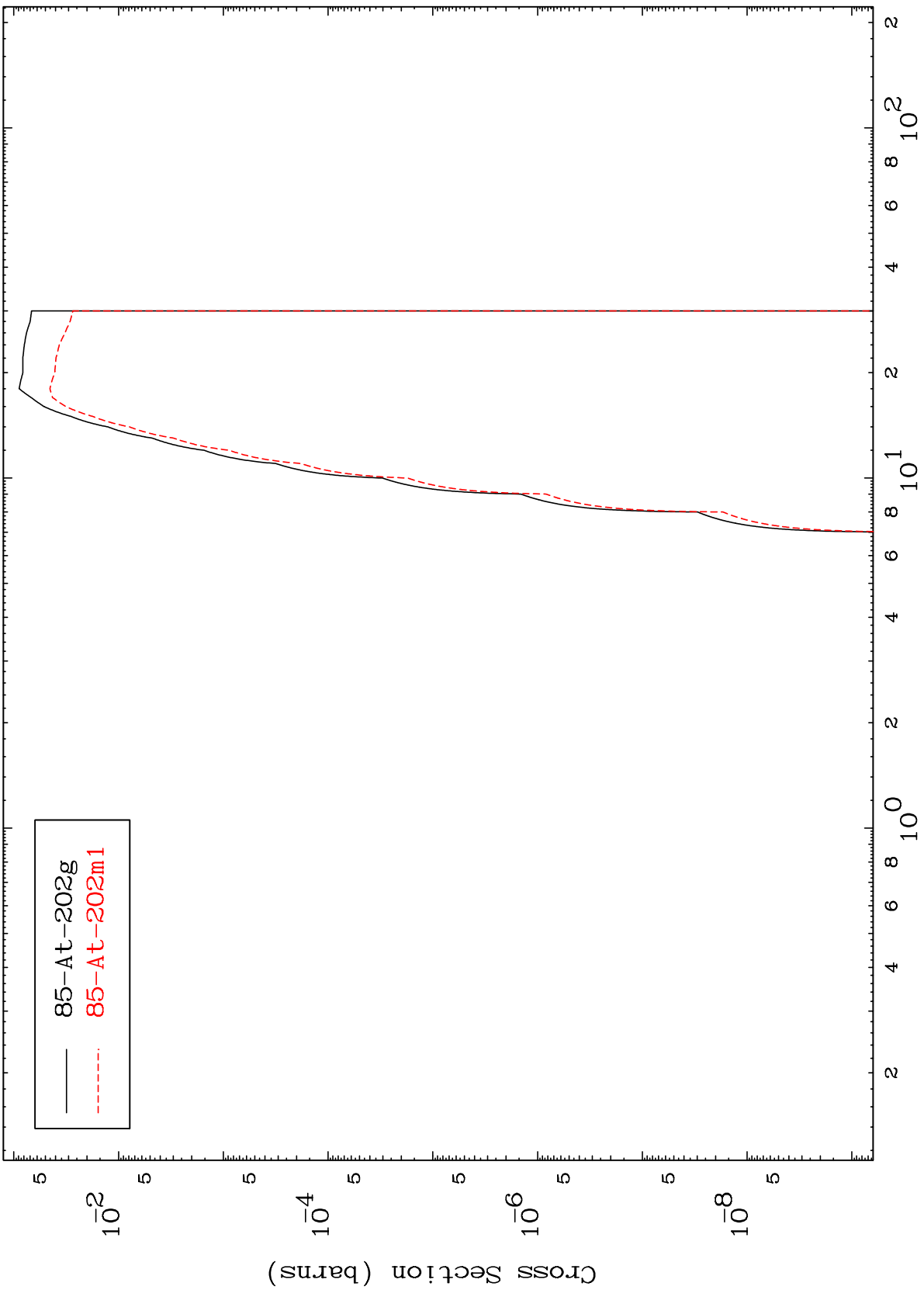


MAT 8523

(d,d)

85-At-202

Radionuclide Production Cross Section



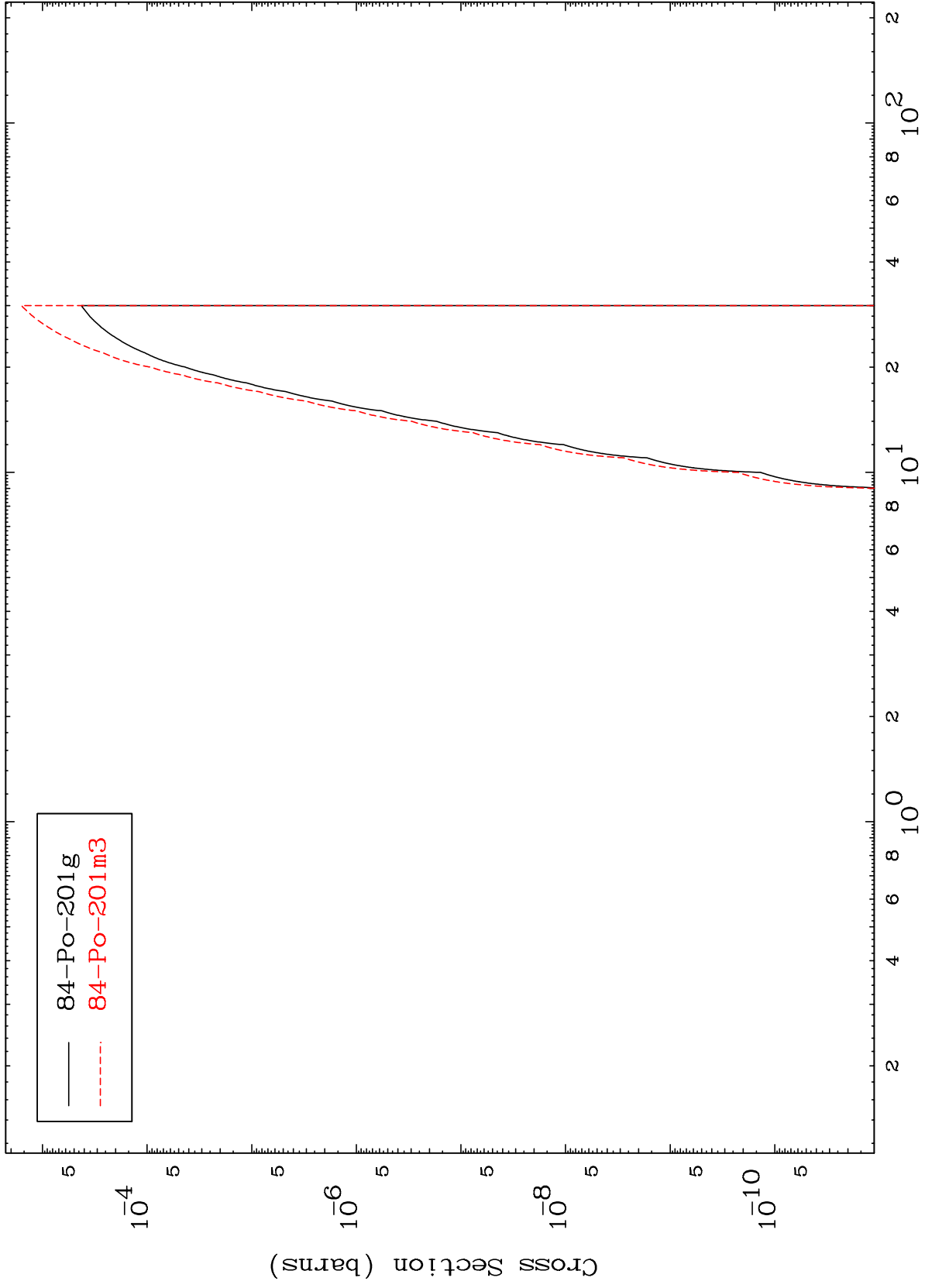
85-At-202g  
85-At-202m1

MAT 8523

(d,He-3)

85-At-202

Radionuclide Production Cross Section



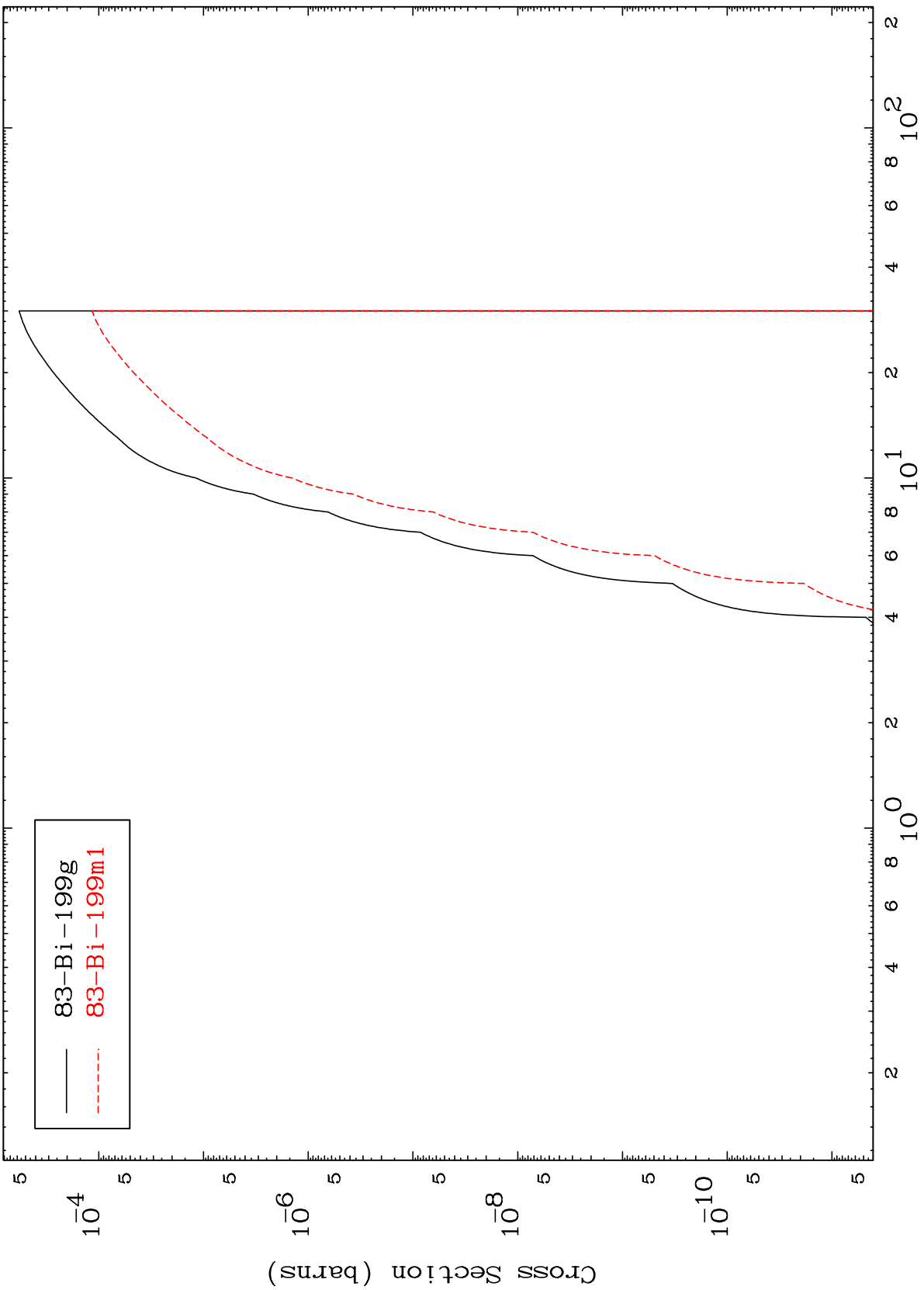
84-Po-201g  
84-Po-201m3

MAT 8523

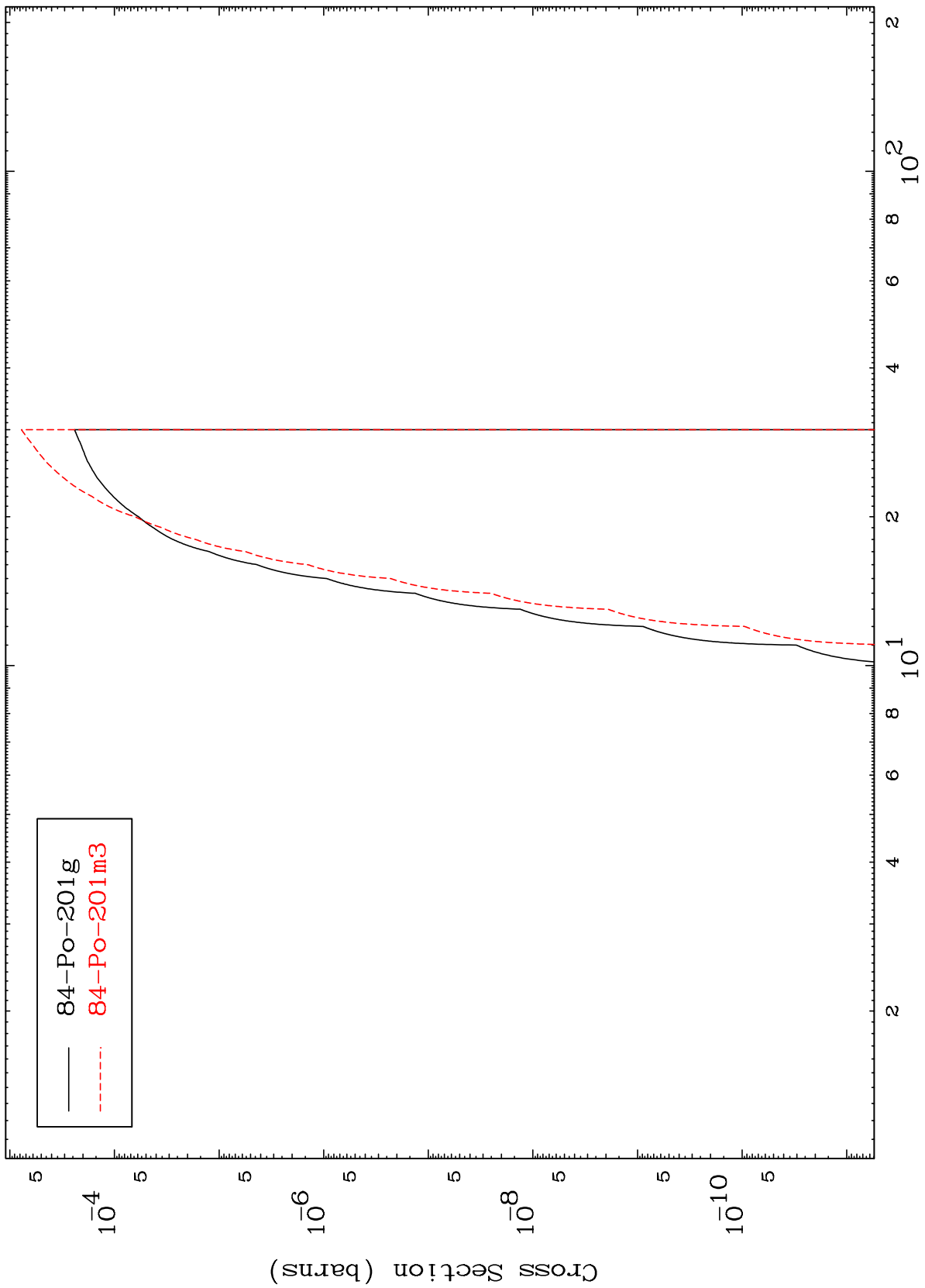
(d,p)  $\alpha$

85-At-202

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

