

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

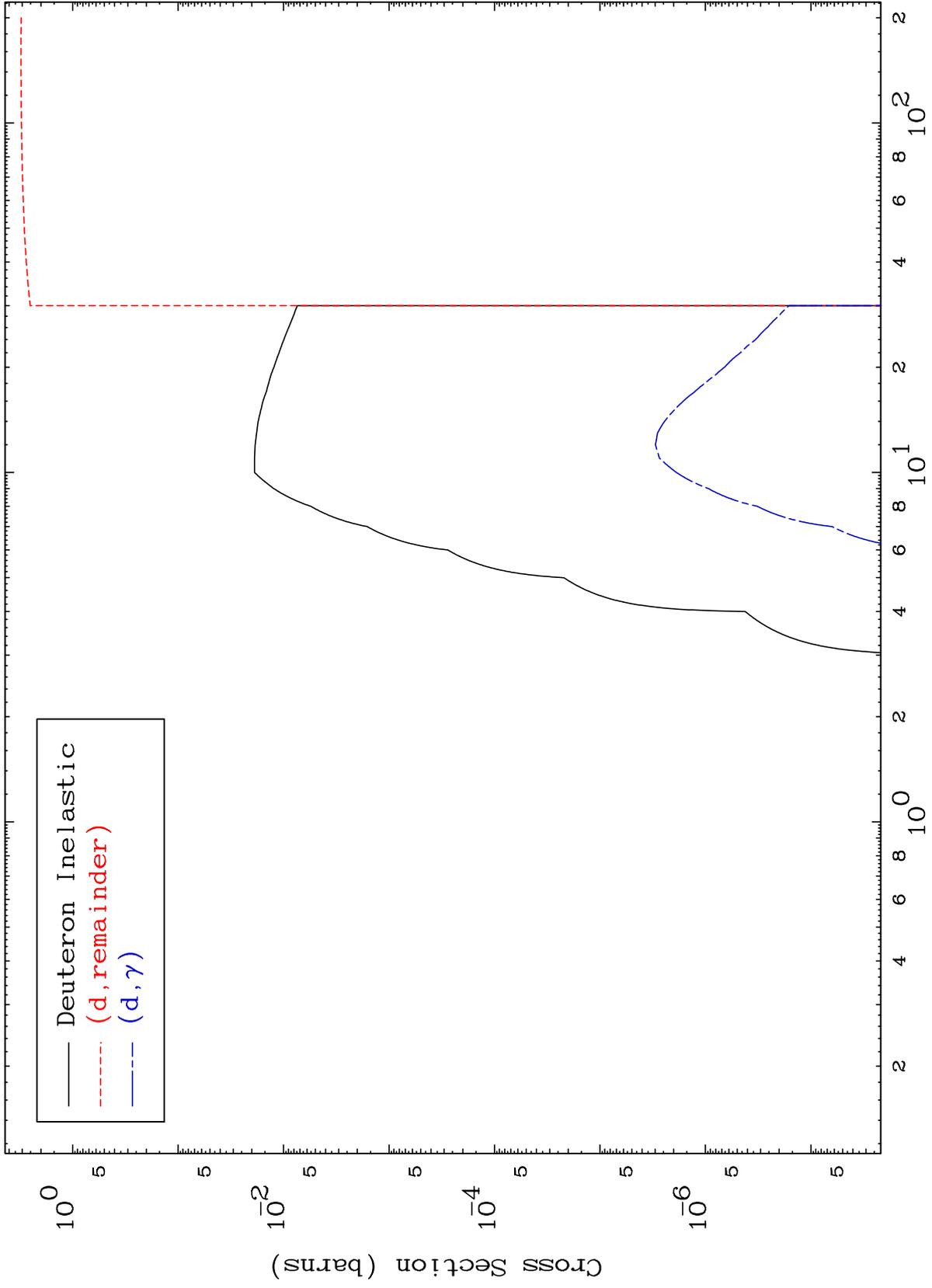
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

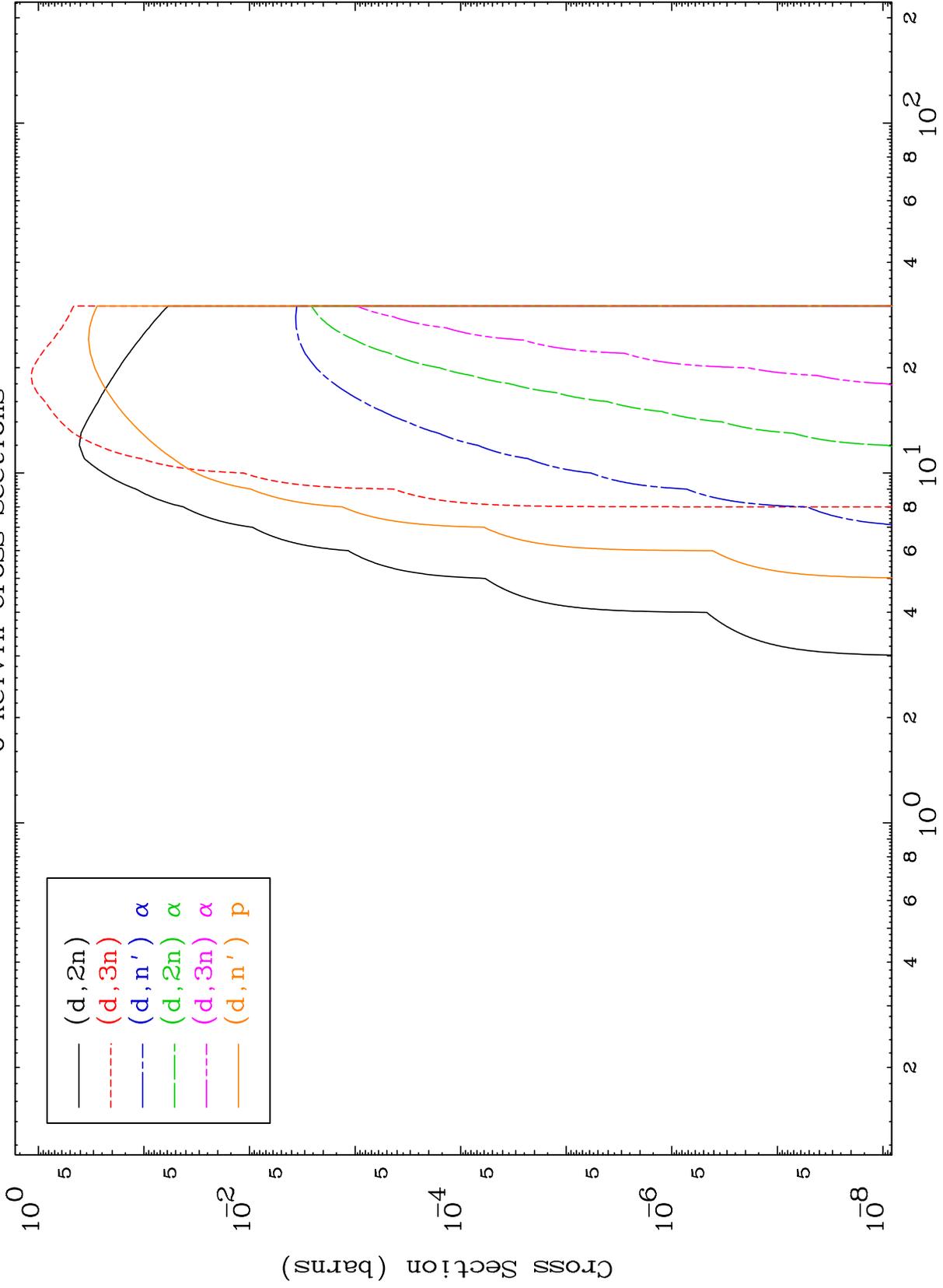
Tele: 925-443-1911

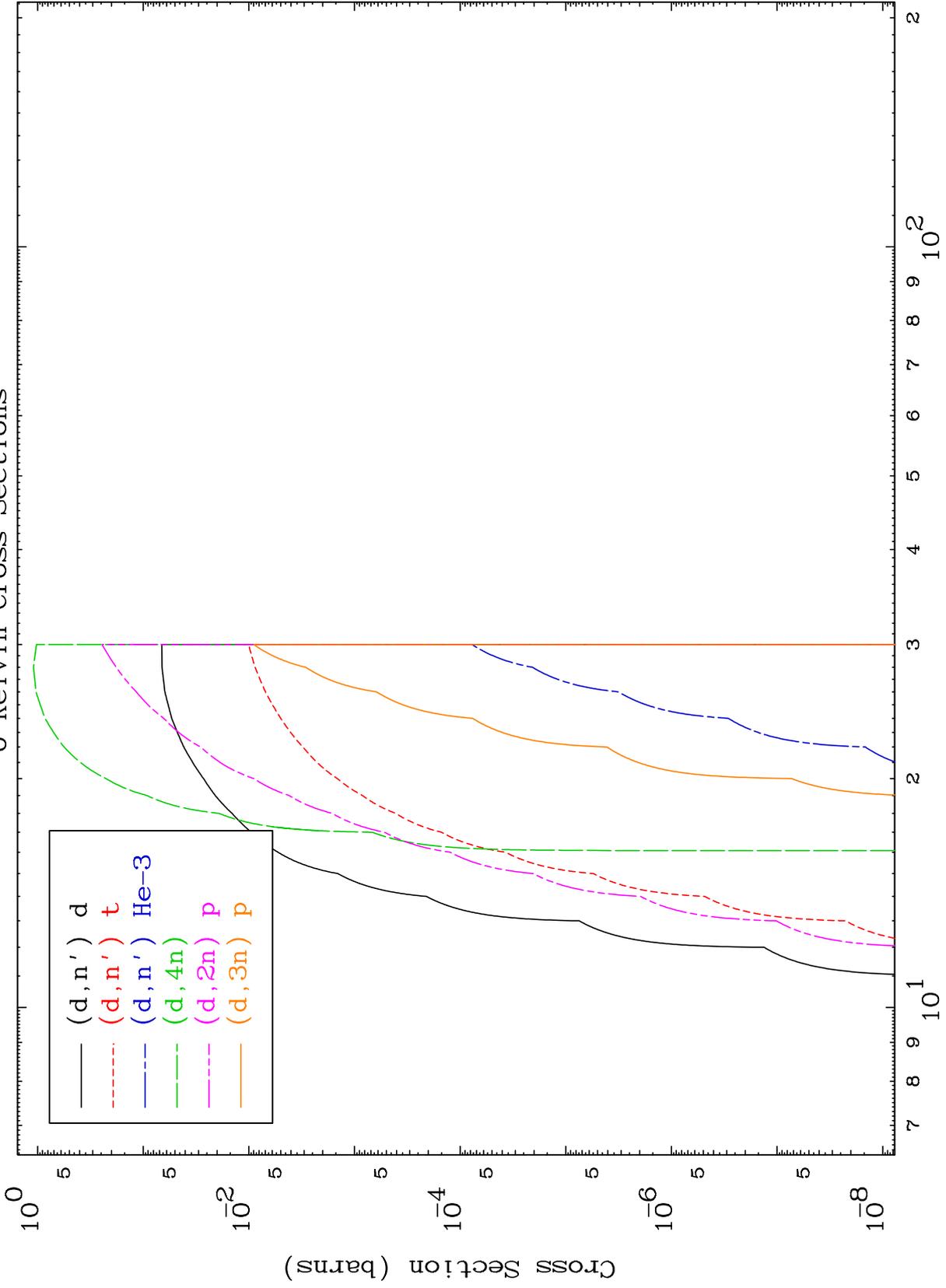
E.Mail:redcullen1@comcast.net

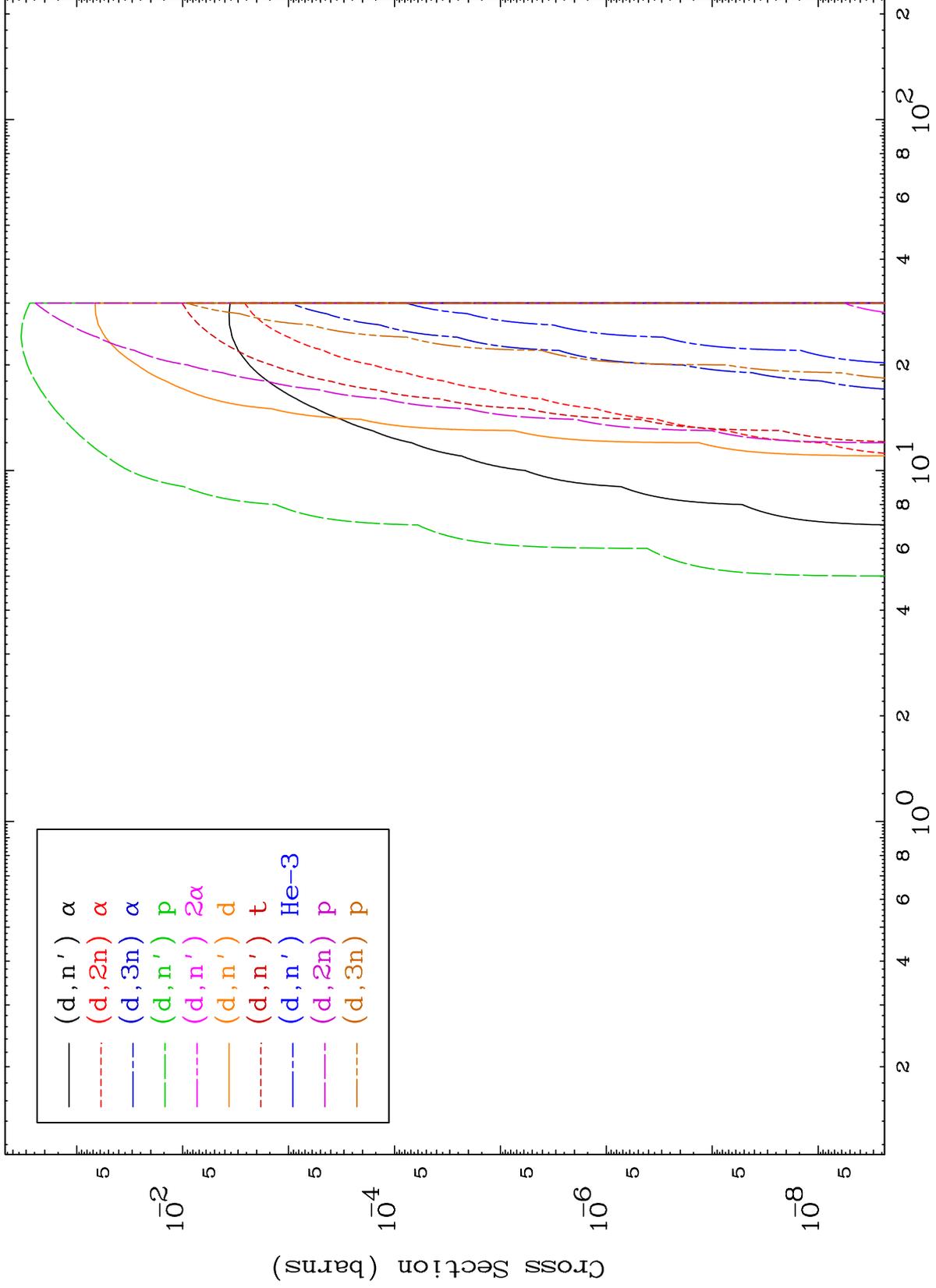
Web:redcullen1.net/HOMEPAGE.NEW

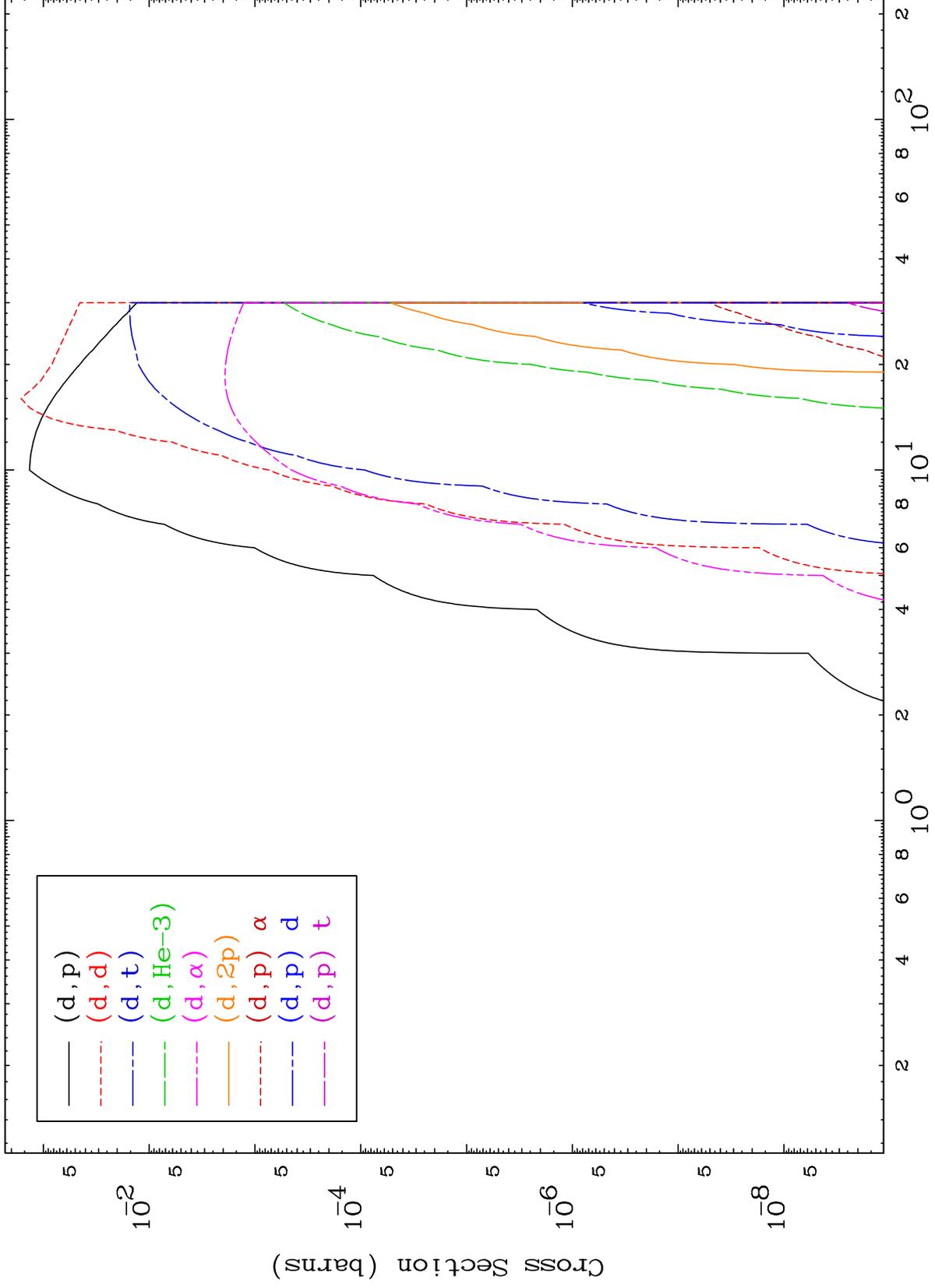
Press Mouse Button to Start



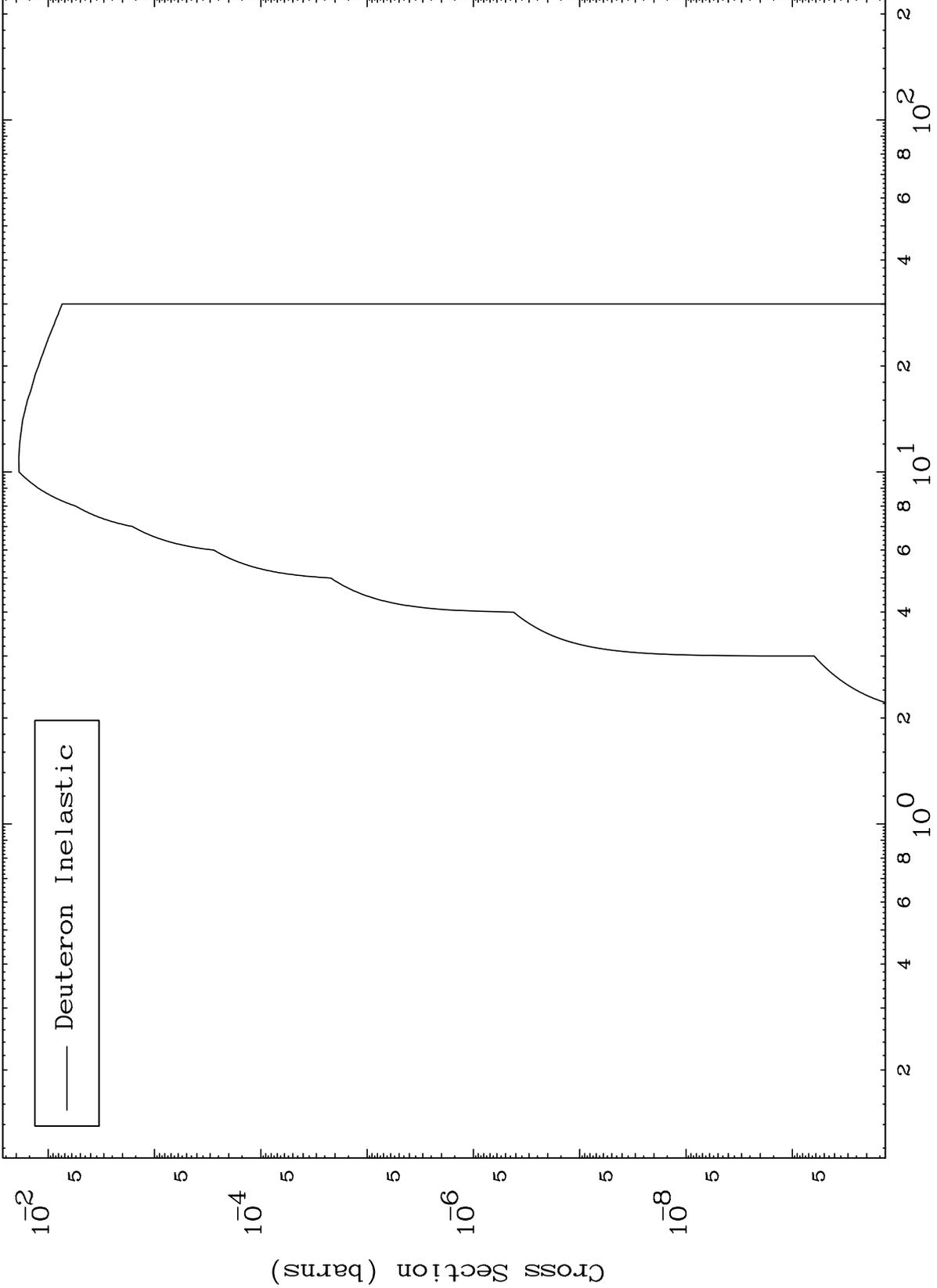








0 Kelvin Cross Sections

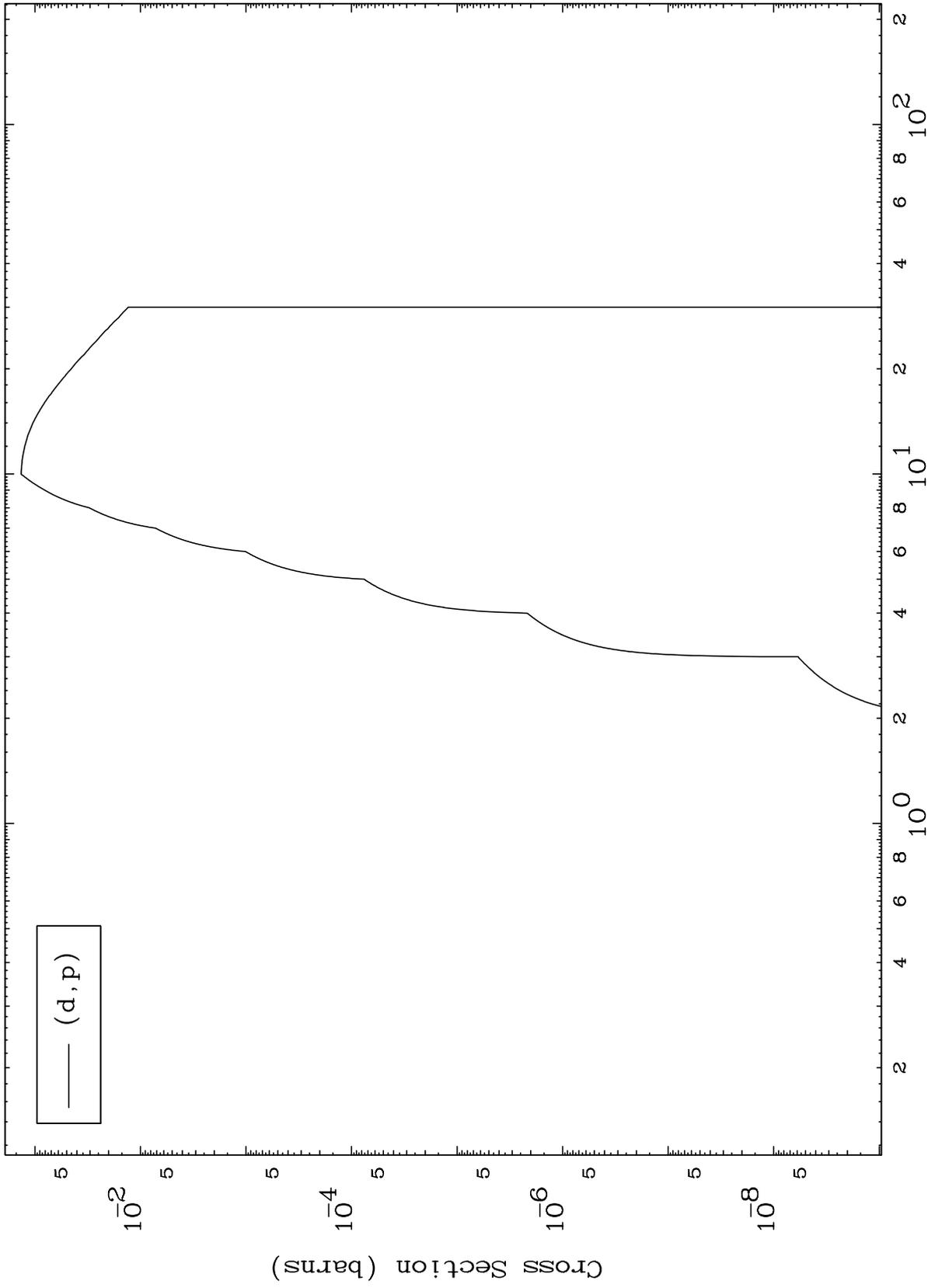


MAT 7537

(d,p) Levels

75-Re-189

0 Kelvin Cross Sections



7

Incident Energy (MeV)

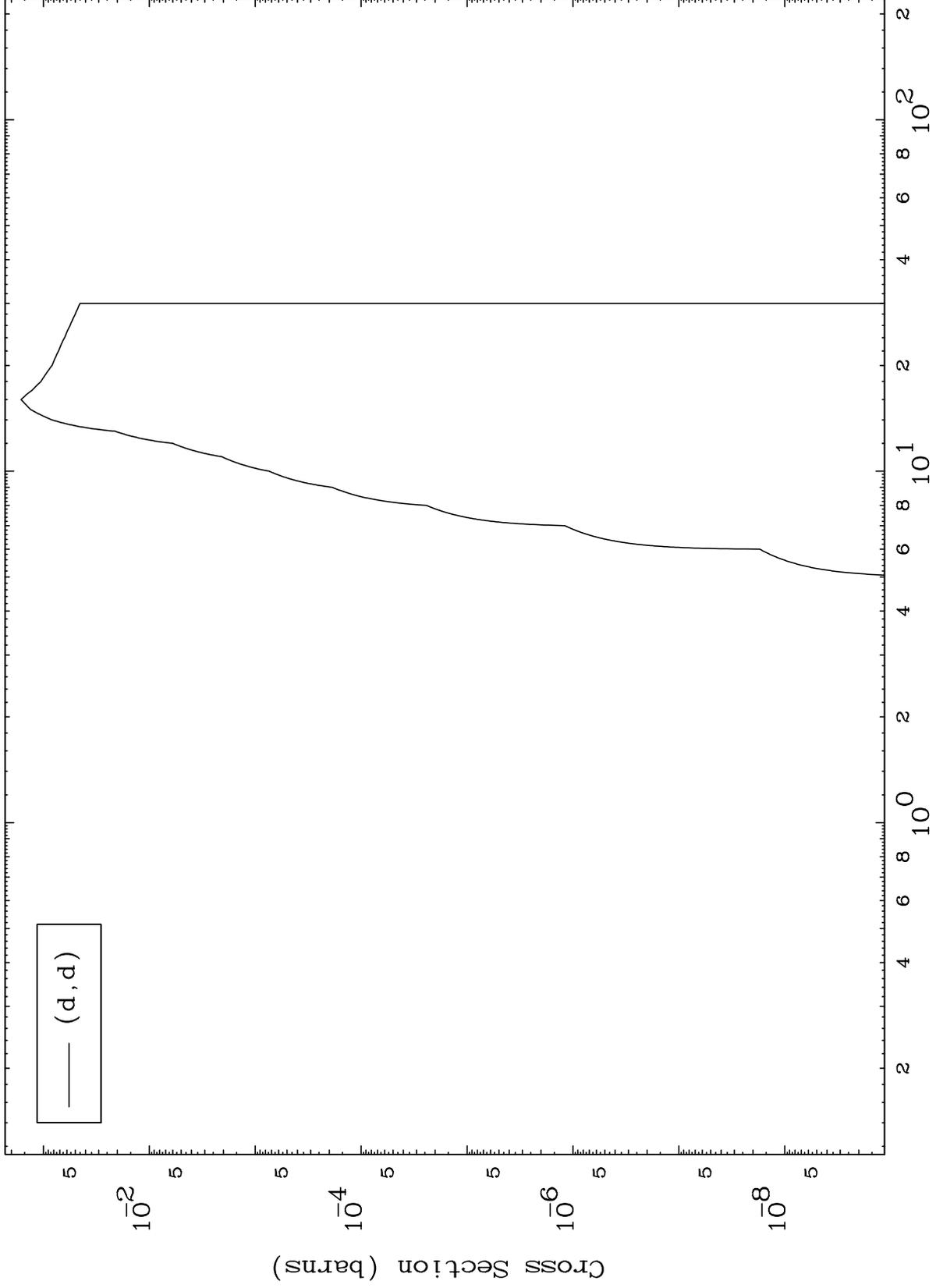
75-Re-189

MAT 7537

(d,d) Levels

75-Re-189

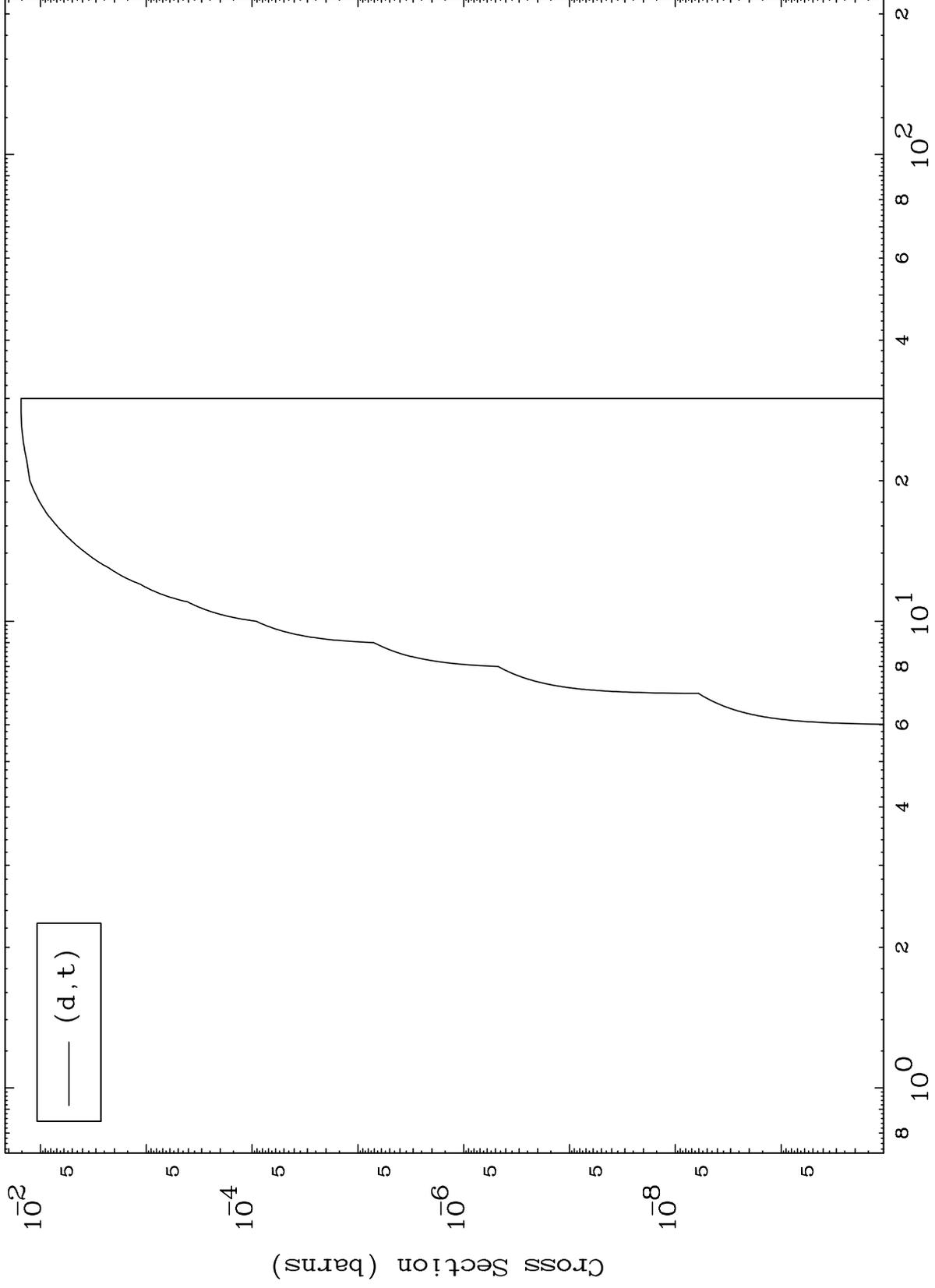
0 Kelvin Cross Sections



MAT 7537

75-Re-189

(d,t) Levels  
0 Kelvin Cross Sections



9

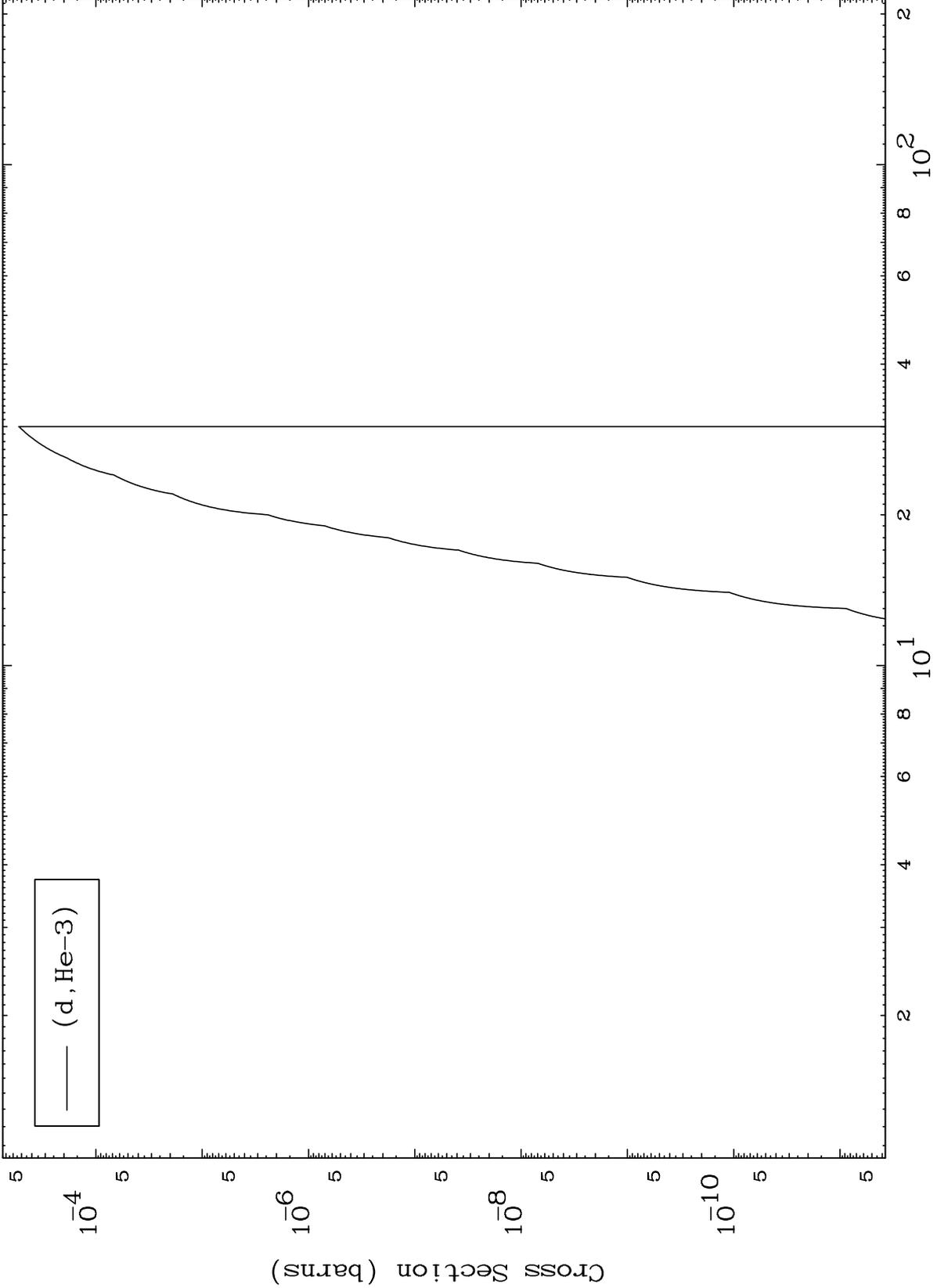
Incident Energy (MeV)

75-Re-189

MAT 7537

(d,He3) Levels  
0 Kelvin Cross Sections

75-Re-189



10

Incident Energy (MeV)

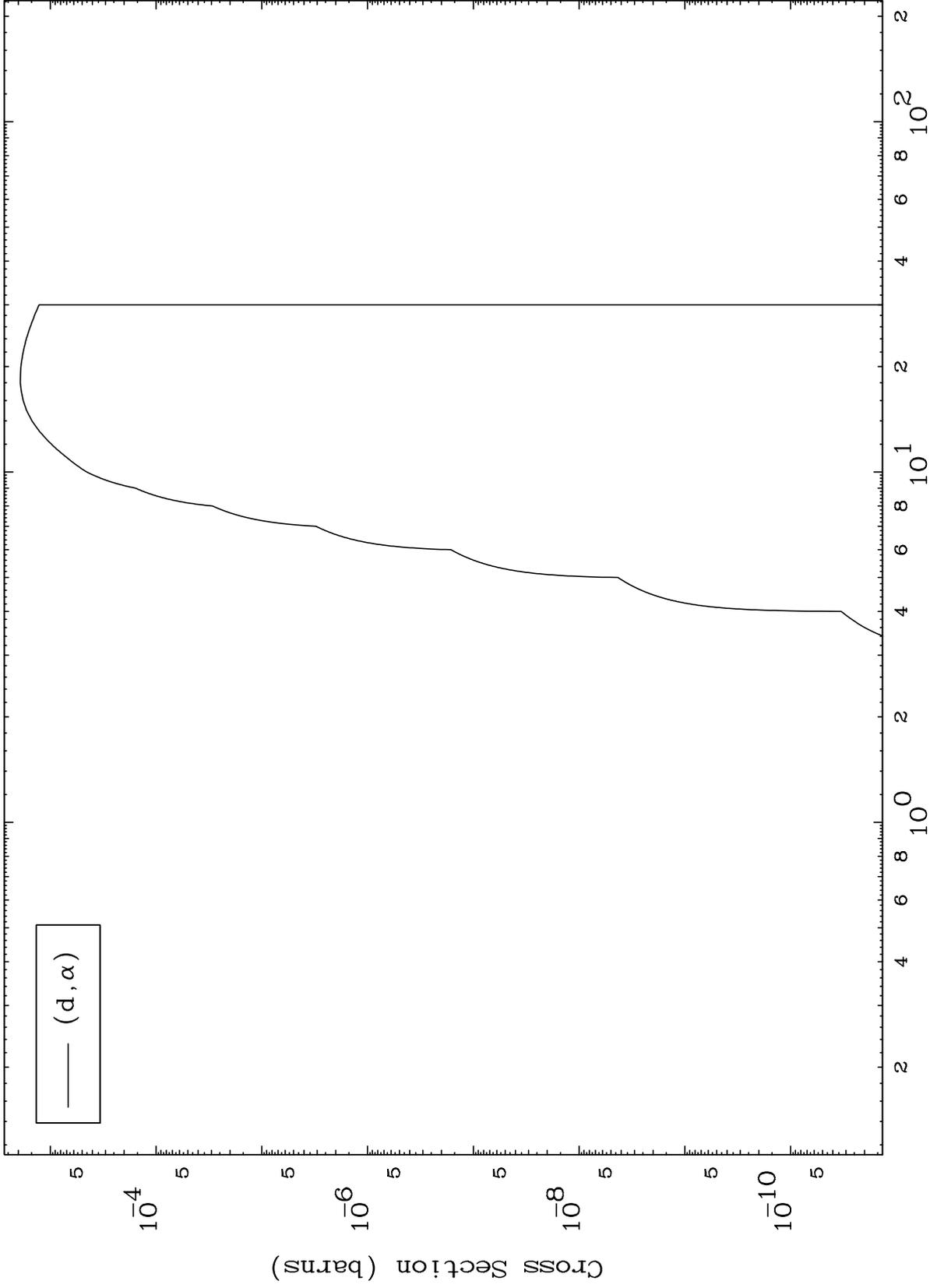
75-Re-189

MAT 7537

(d,  $\alpha$ ) Levels

75-Re-189

0 Kelvin Cross Sections



11

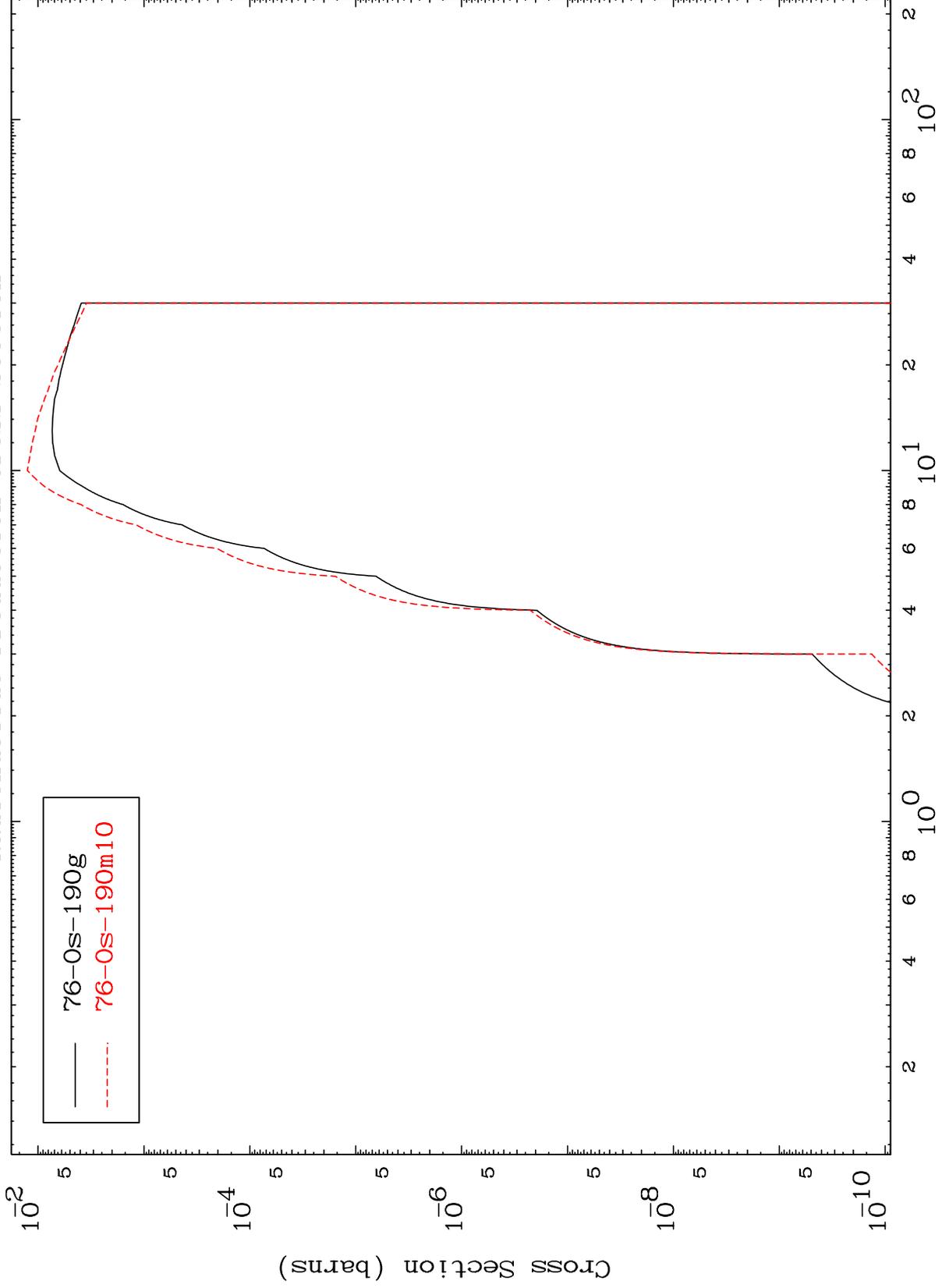
Incident Energy (MeV)

75-Re-189

MAT 7537

Deuteron Inelastic  
Radionuclide Production Cross Section

75-Re-189



12

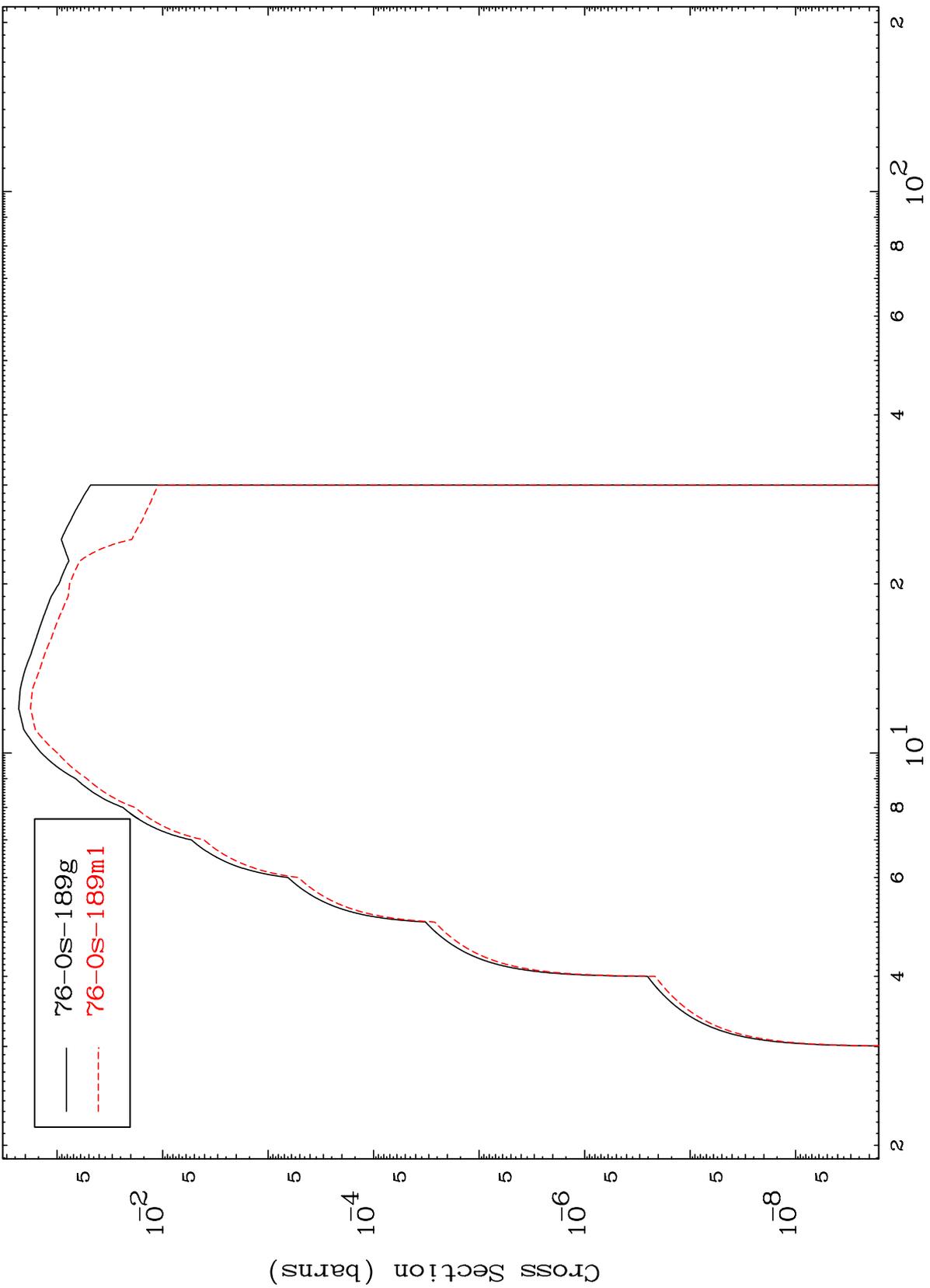
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

Radionuclide Production Cross Section  
(d,2n)



13

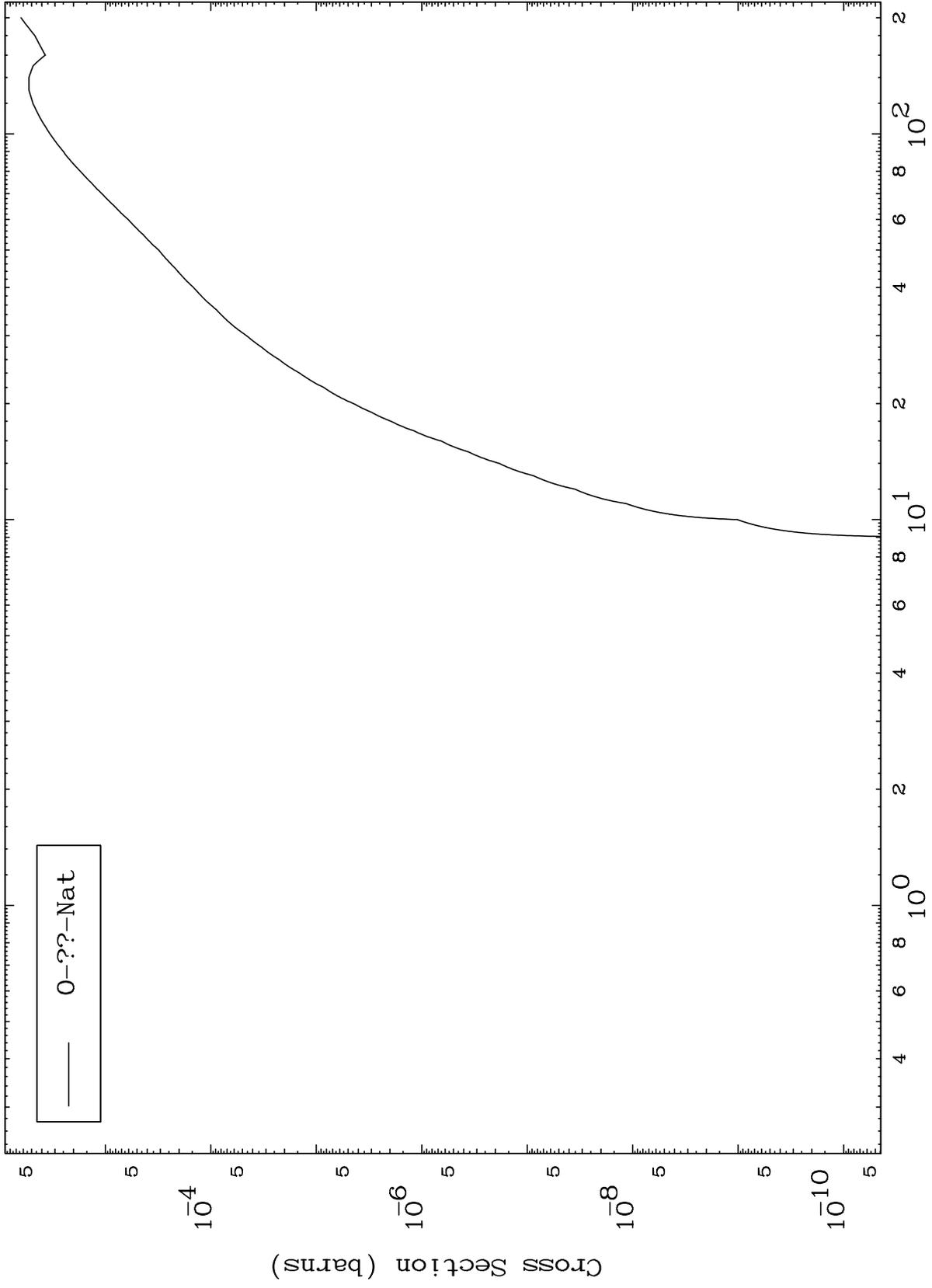
75-Re-189

Incident Energy (MeV)

MAT 7537

Deuteron Fission  
Radionuclide Production Cross Section

75-Re-189



14

Incident Energy (MeV)

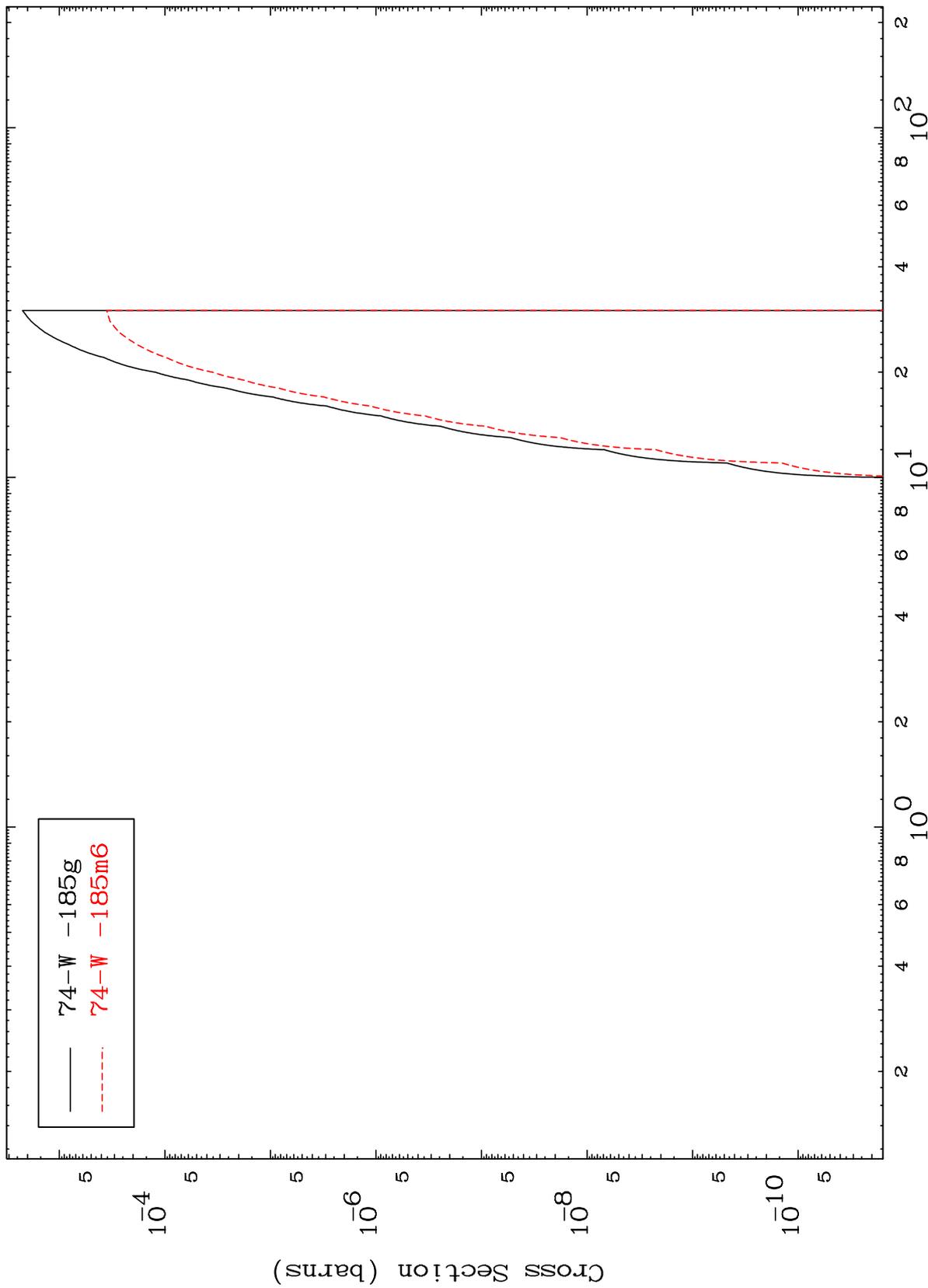
75-Re-189

MAT 7537

(d,2n)  $\alpha$

75-Re-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

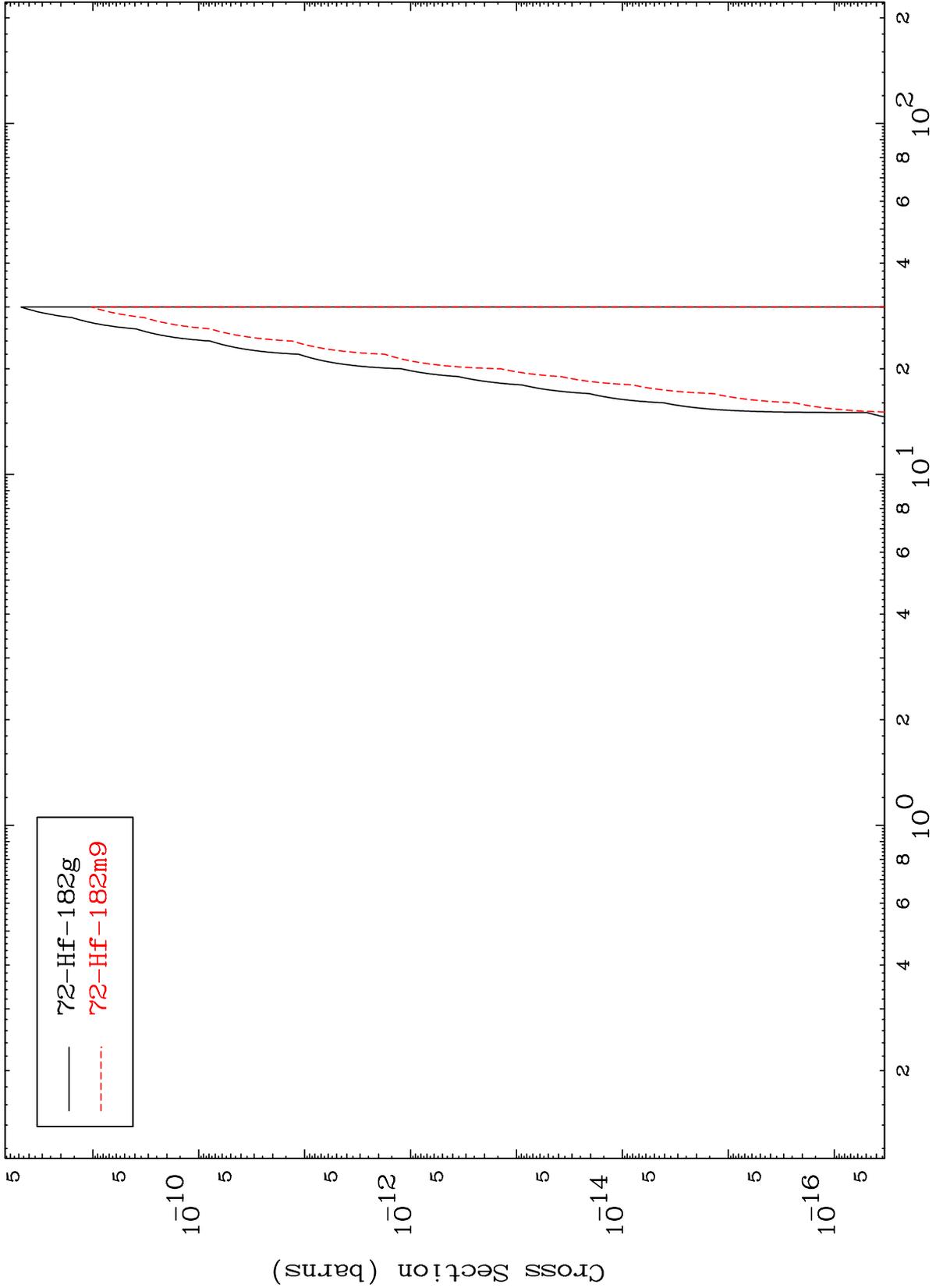
75-Re-189

MAT 7537

(d,n') 2 $\alpha$

75-Re-189

Radionuclide Production Cross Section



72-Hf-182g  
72-Hf-182m9

16

Incident Energy (MeV)

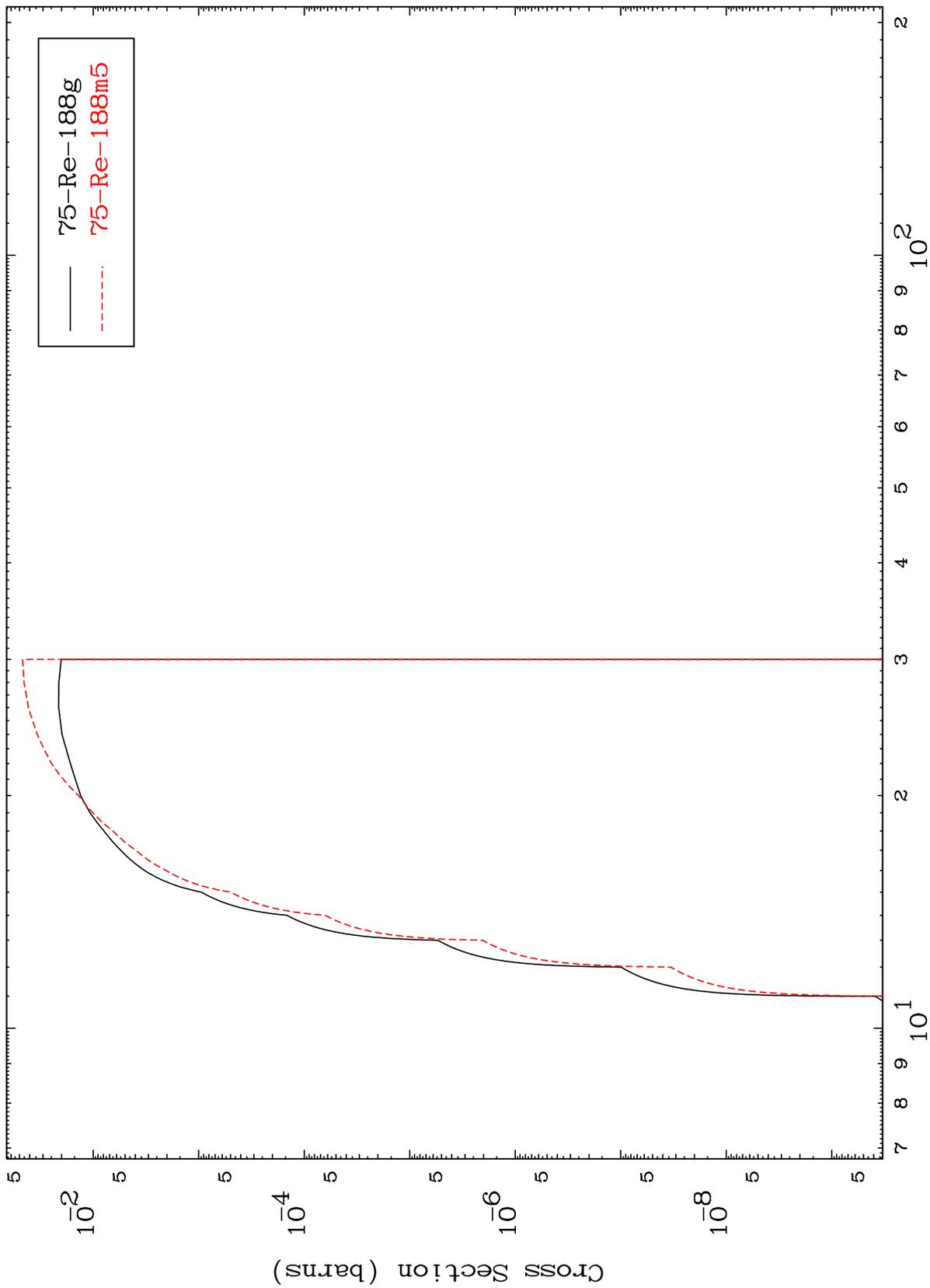
75-Re-189

MAT 7537

(d,n') d

75-Re-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

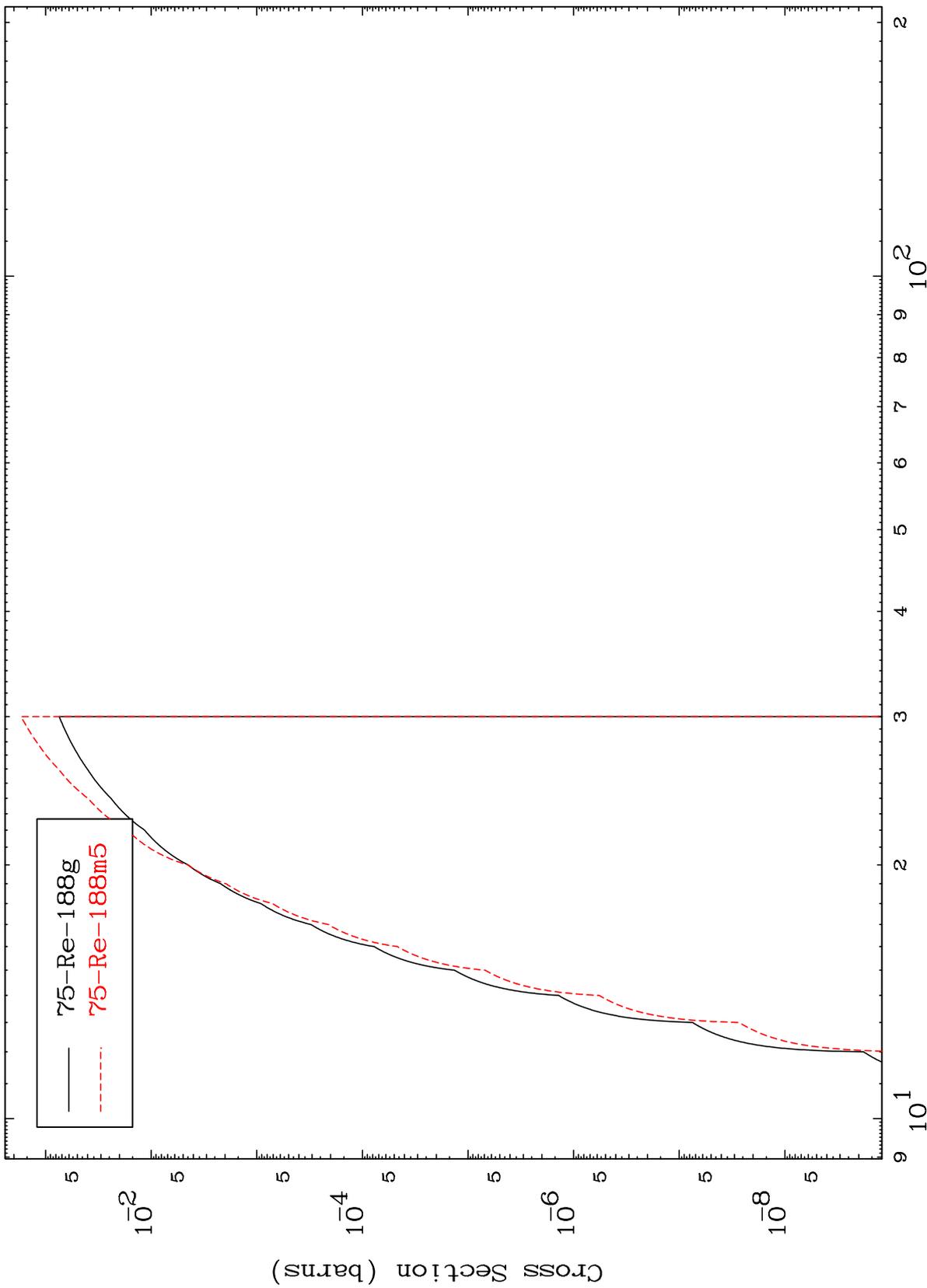
75-Re-189

MAT 7537

(d,2n) p

75-Re-189

Radionuclide Production Cross Section



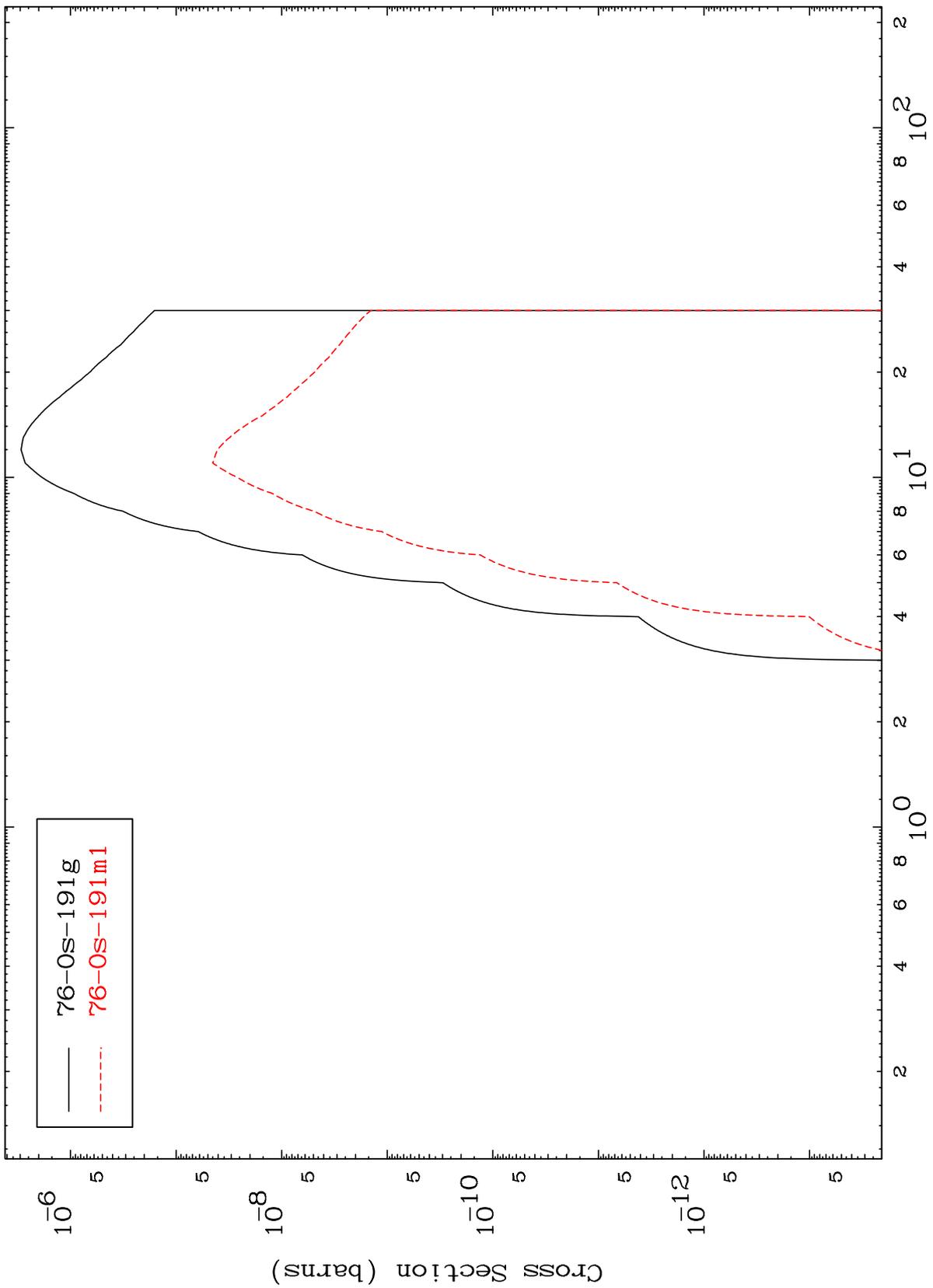
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

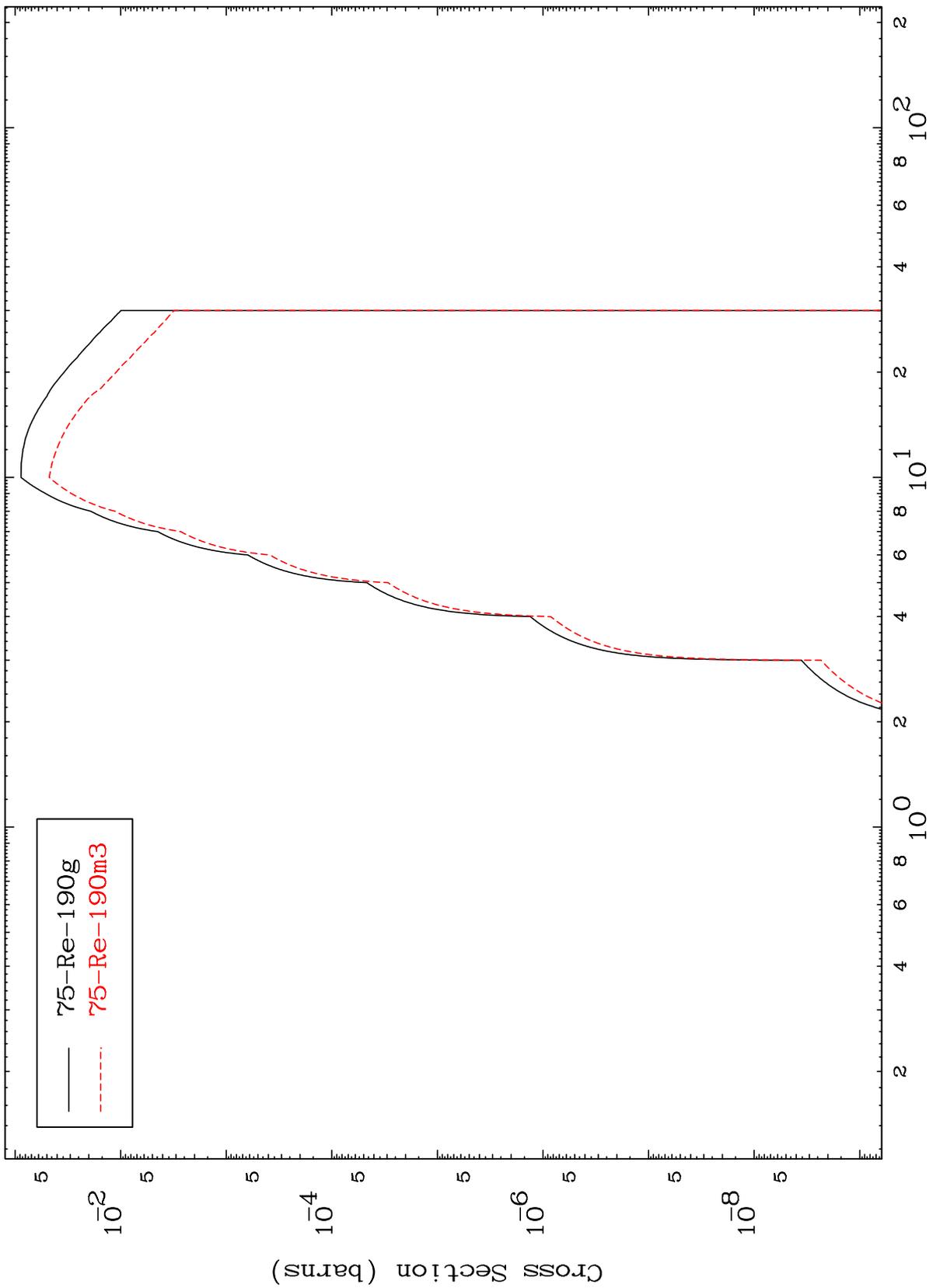
(d,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 7537

75-Re-189

(d,p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

