

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

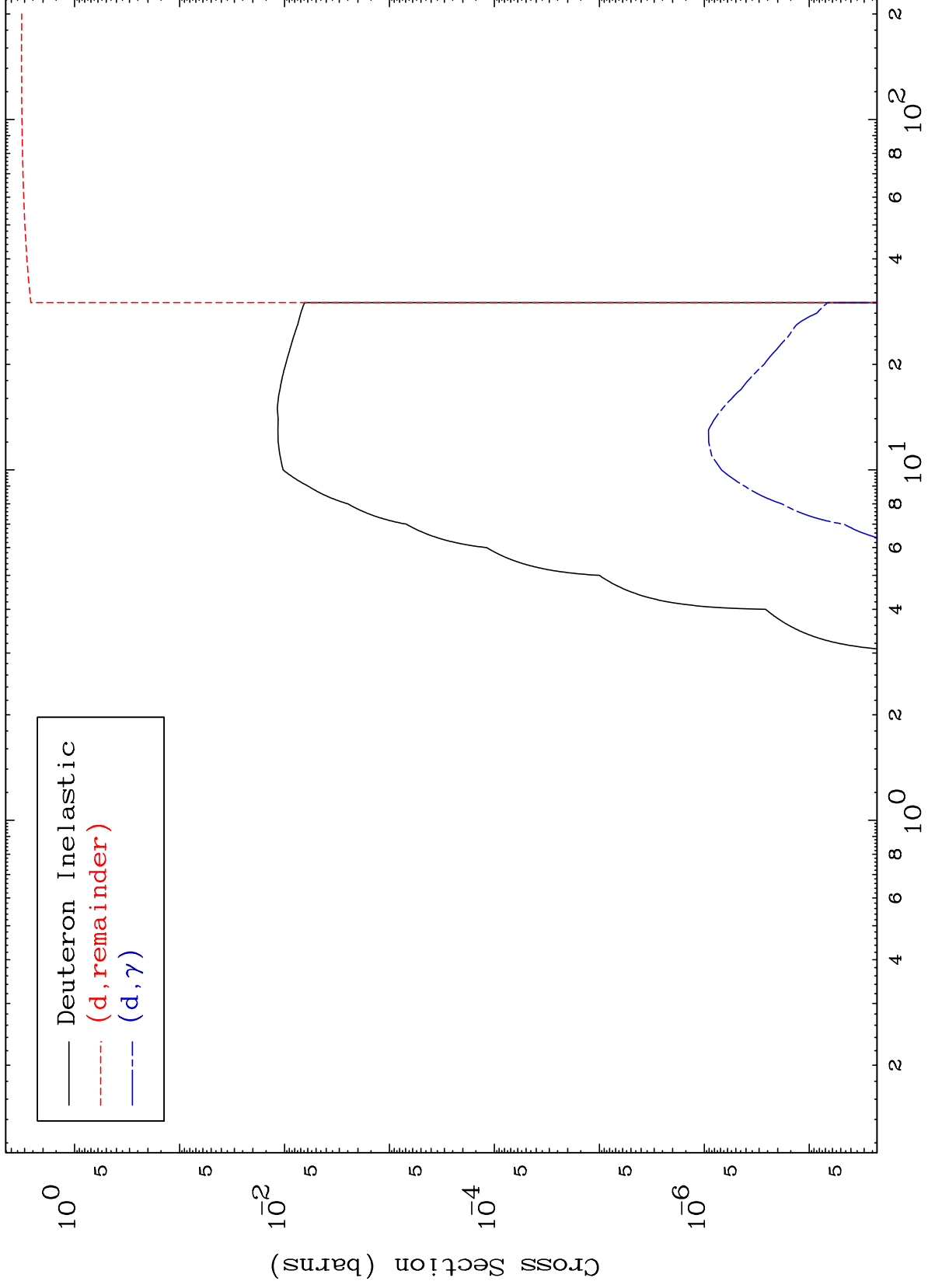
Web:redcullen1.net/HOMEPAGE.NEW

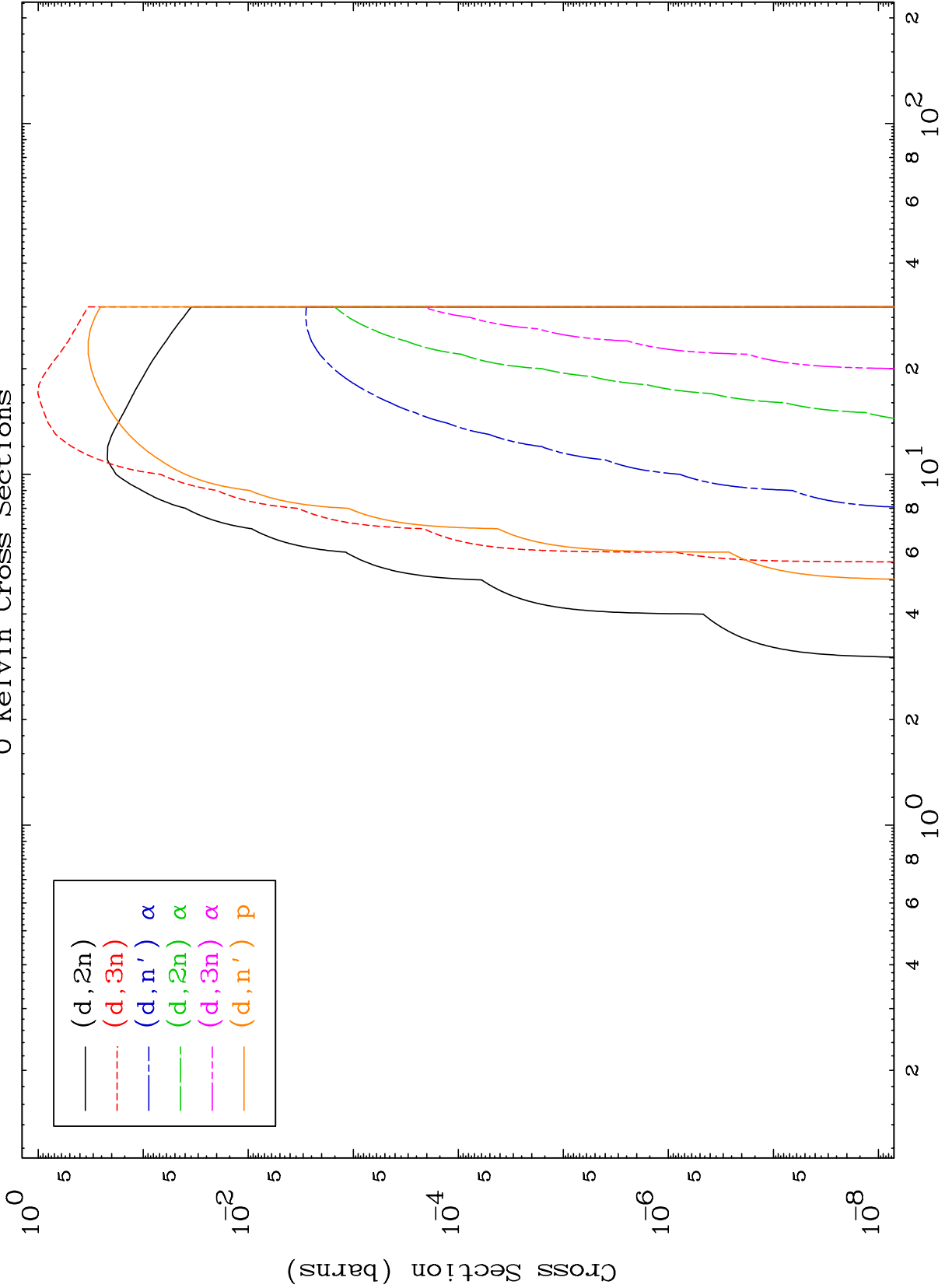
Press Mouse Button to Start

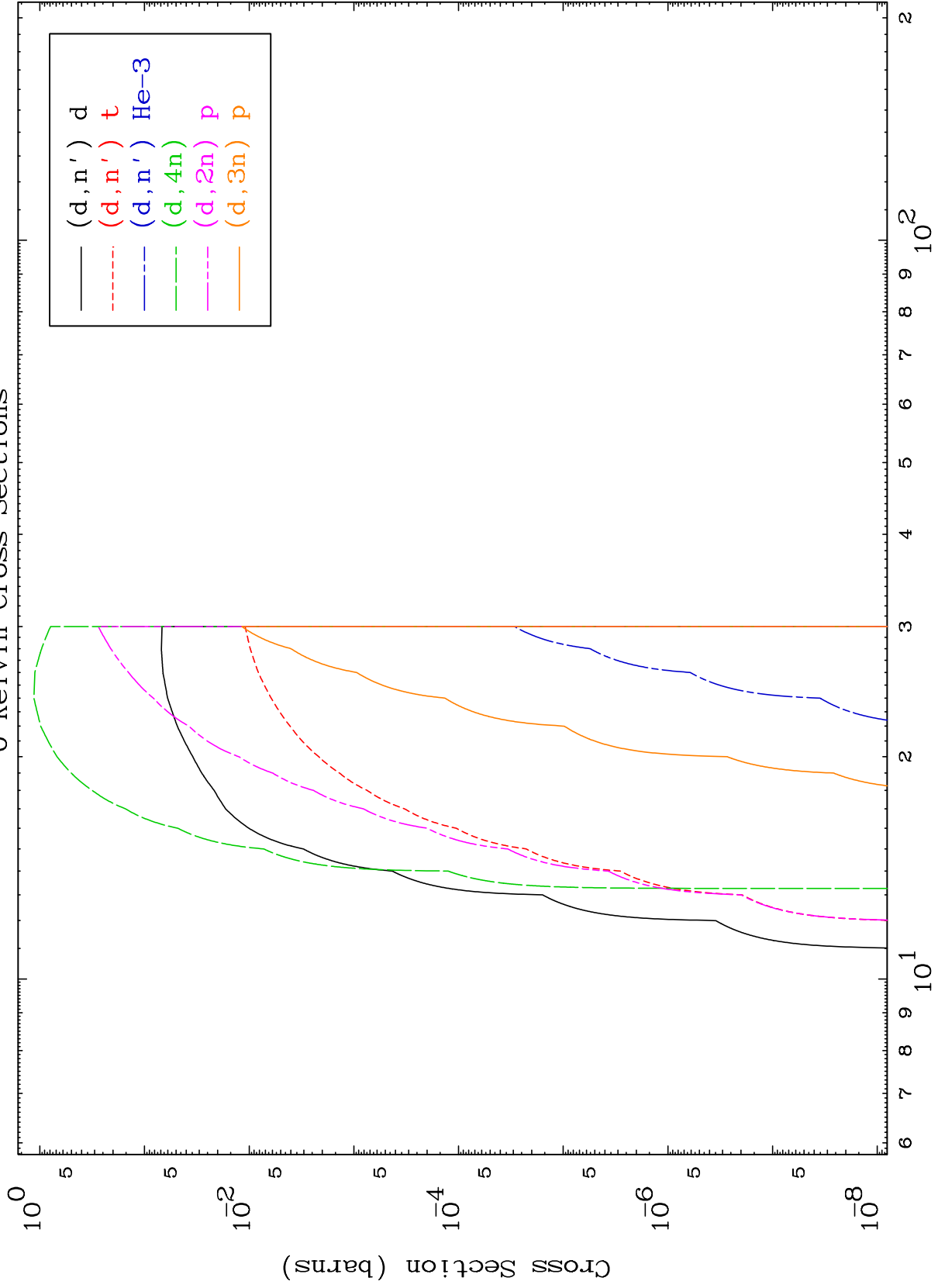
MAT 7749

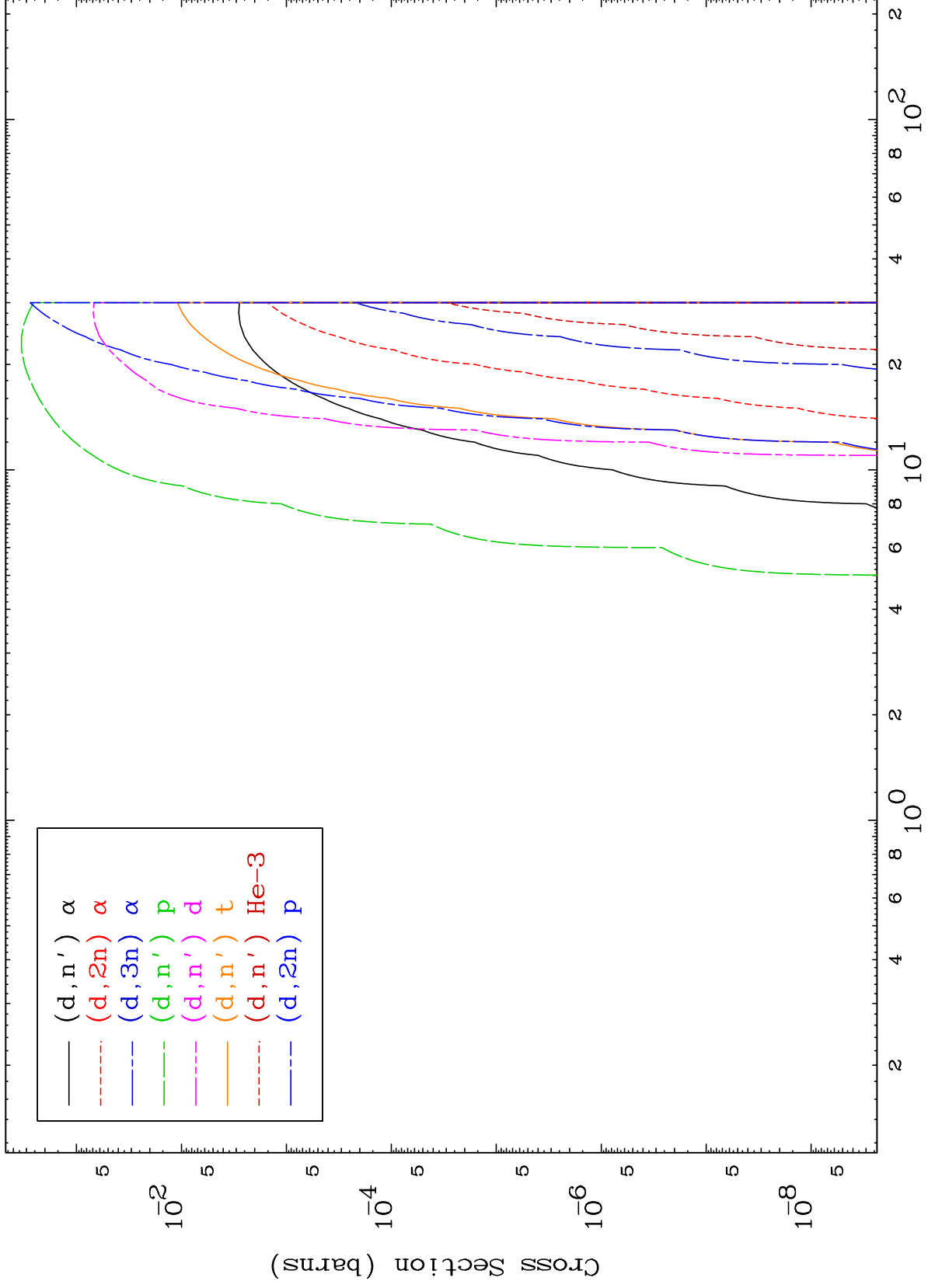
Deuteron Major  
0 Kelvin Cross Sections

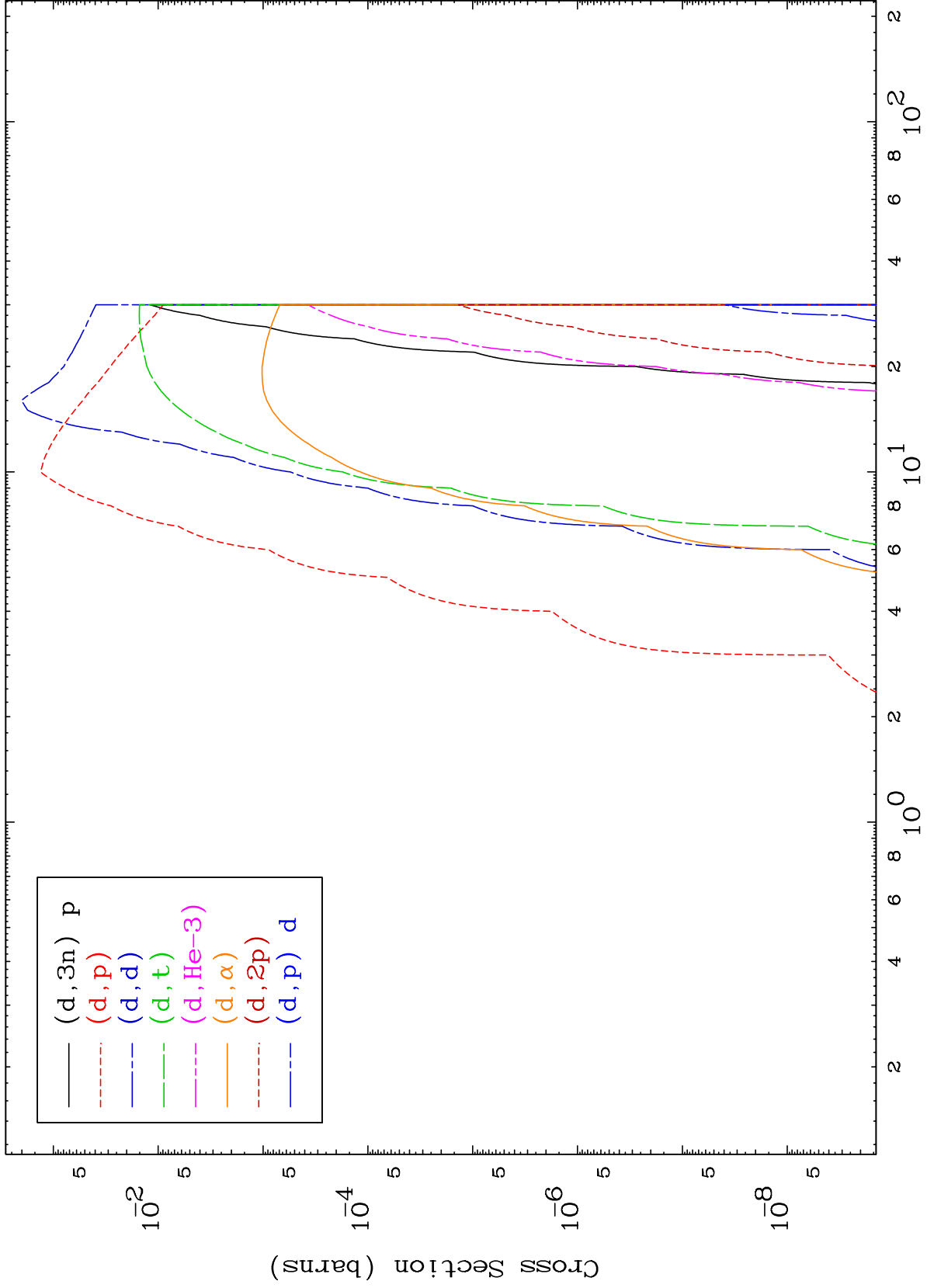
77-Ir-199









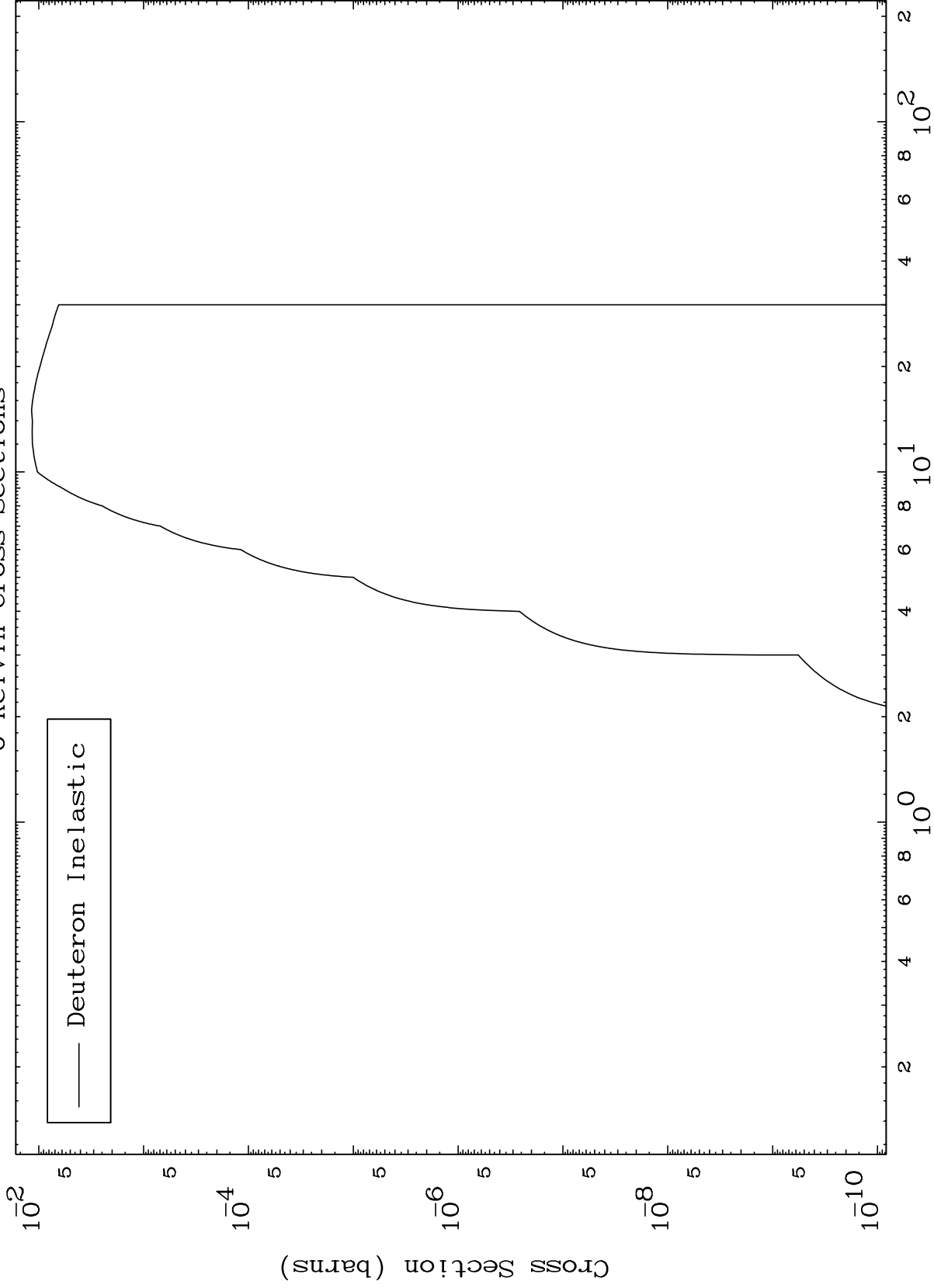


MAT 7749

(d,n') Level

77-Ir-199

0 Kelvin Cross Sections



6

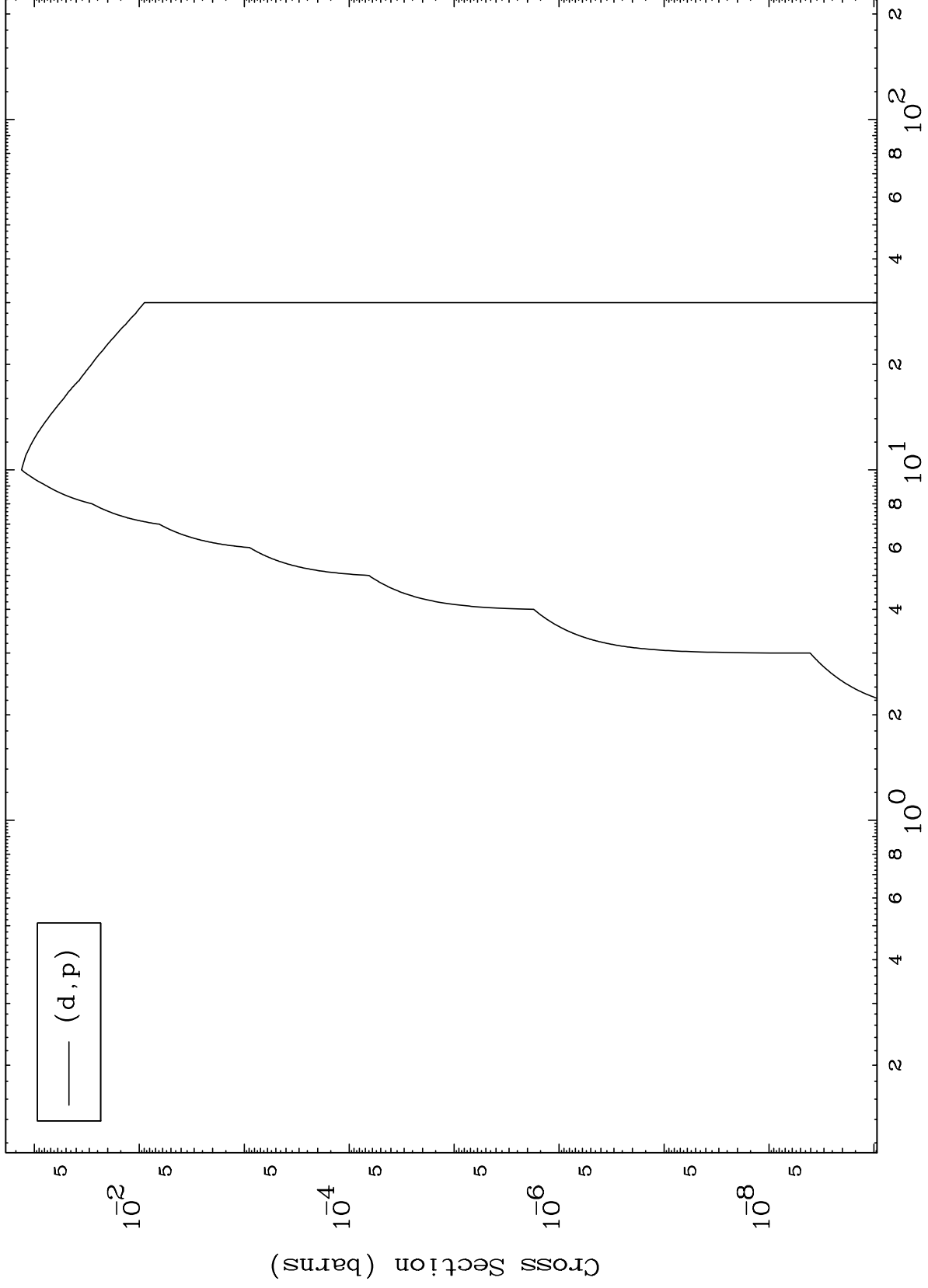
Incident Energy (MeV)

77-Ir-199

MAT 7749

(d,p) Levels  
0 Kelvin Cross Sections

77-Ir-199



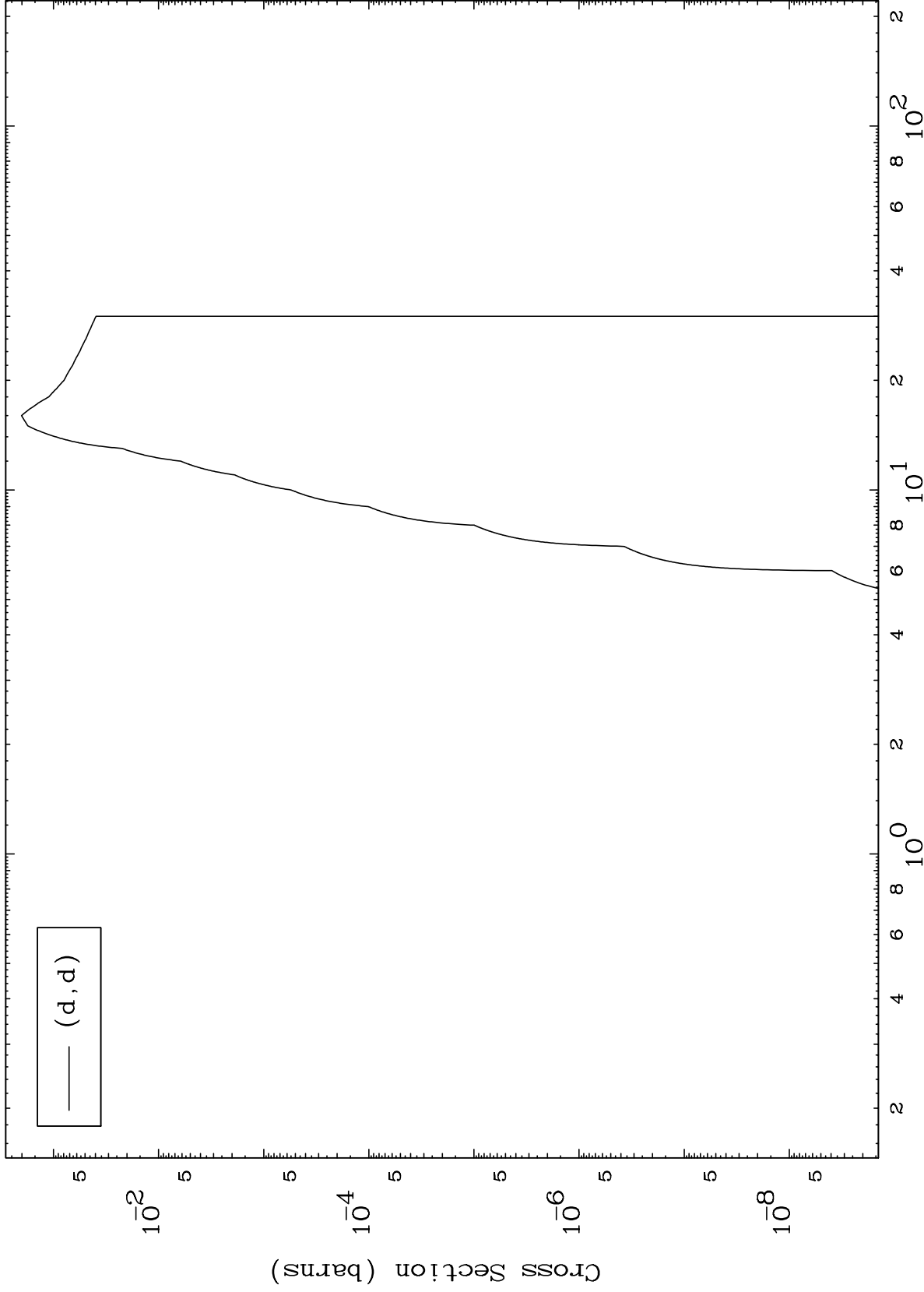


MAT 7749

(d,d) Levels

77-Ir-199

0 Kelvin Cross Sections



8

Incident Energy (MeV)

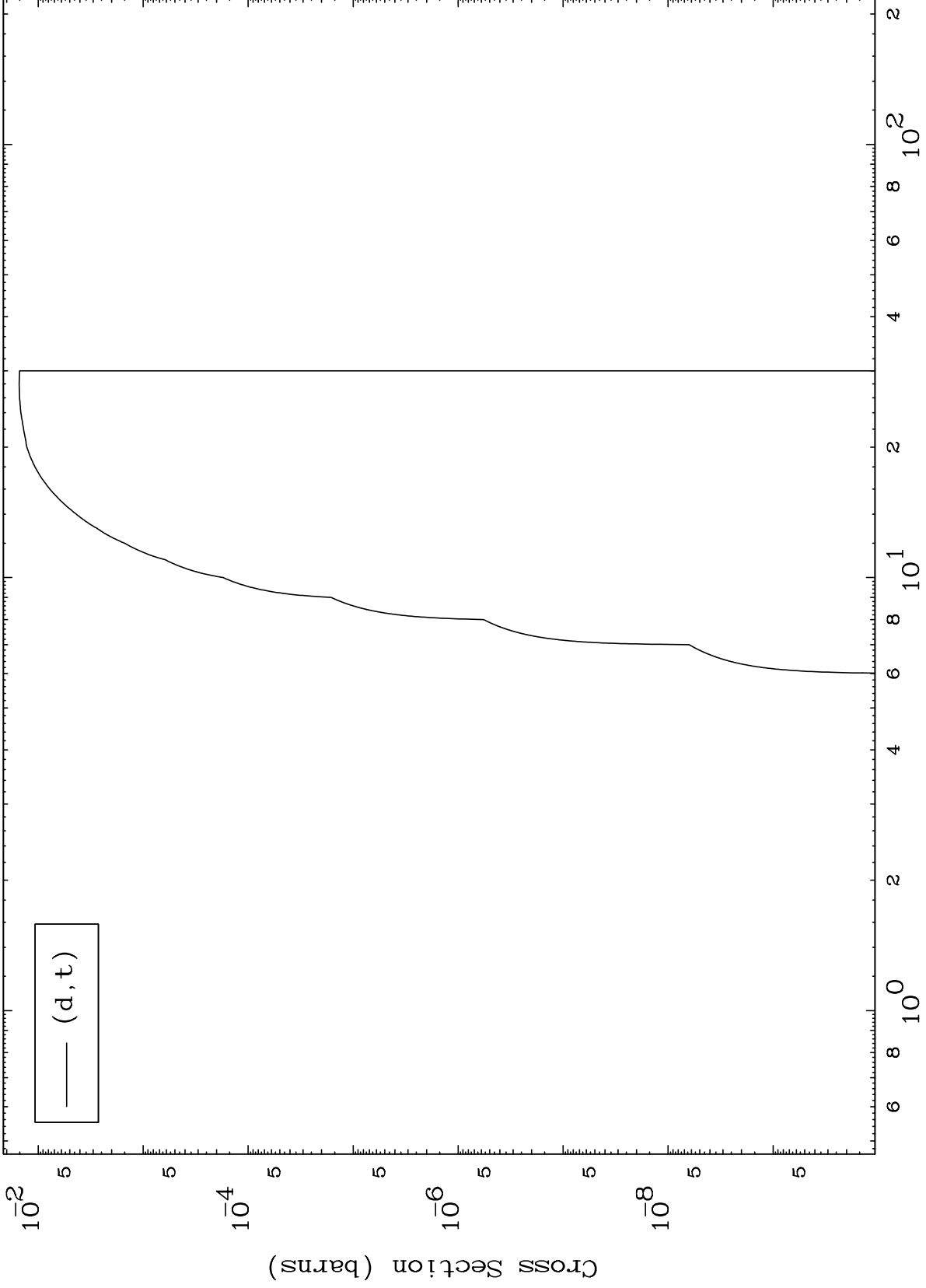
77-Ir-199

MAT 7749

(d,t) Levels

77-Ir-199

0 Kelvin Cross Sections



9

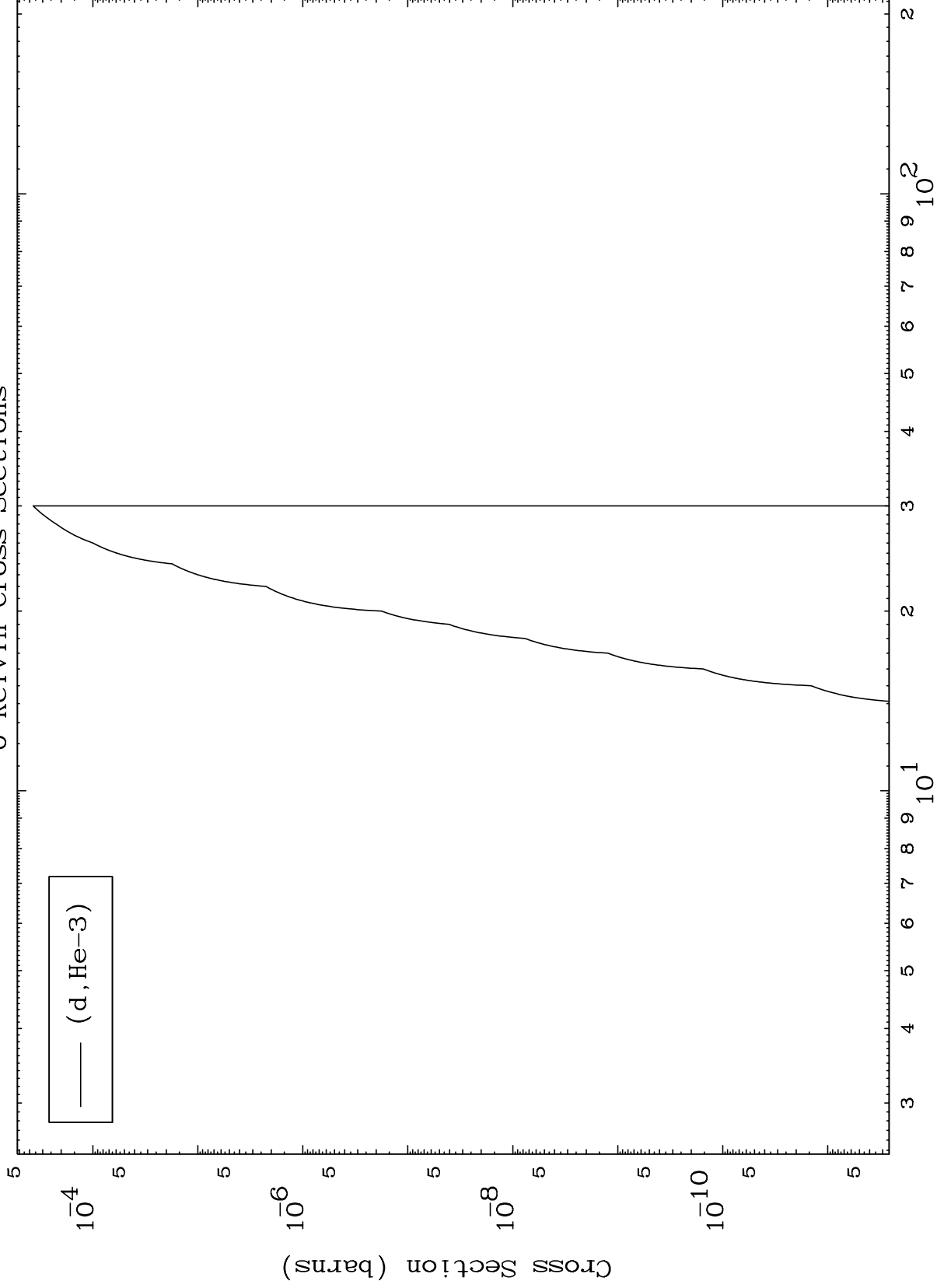
Incident Energy (MeV)

77-Ir-199

MAT 7749

(d,He3) Levels  
0 Kelvin Cross Sections

77-Ir-199



10

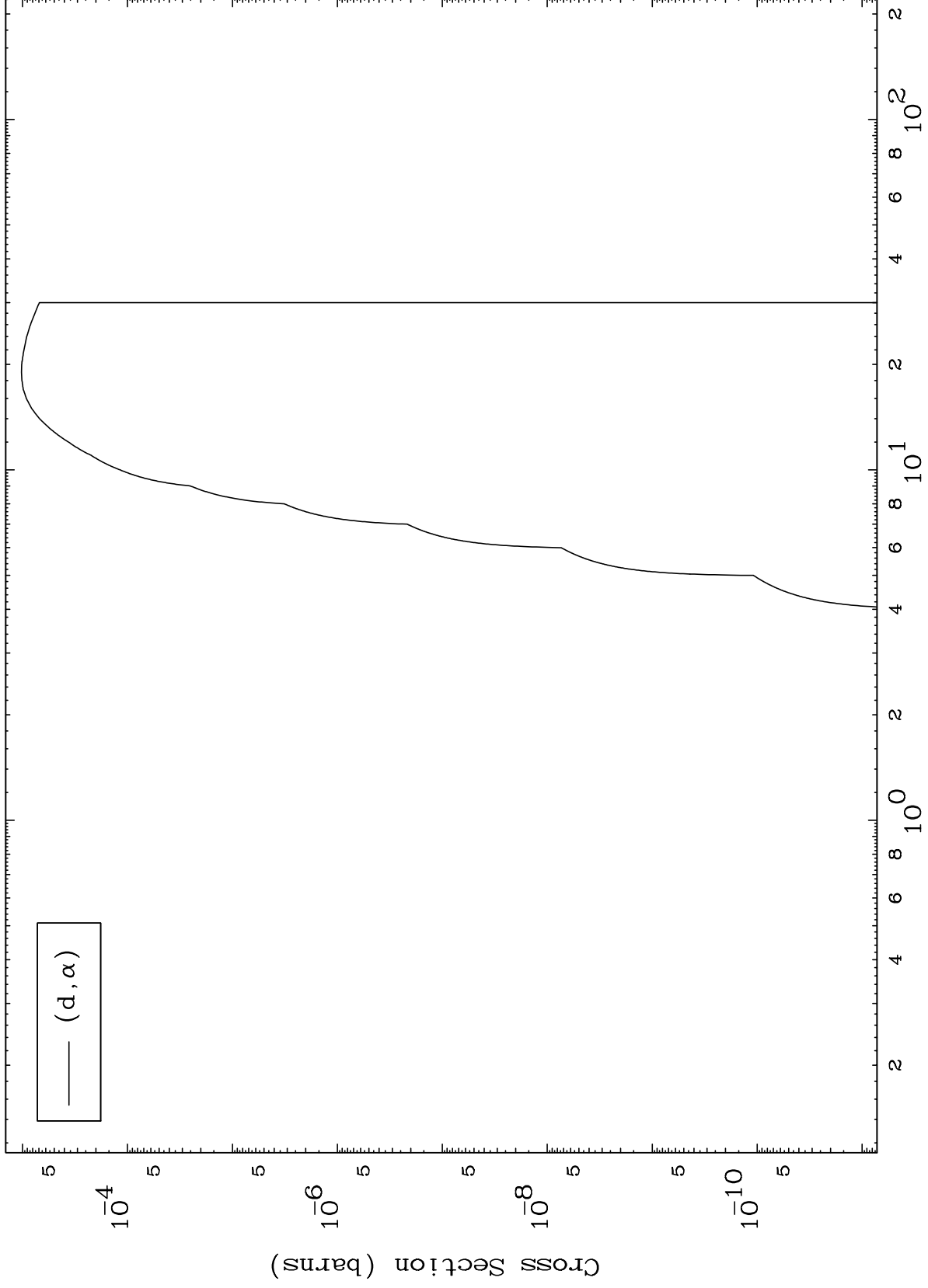
Incident Energy (MeV)

77-Ir-199

MAT 7749

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-199

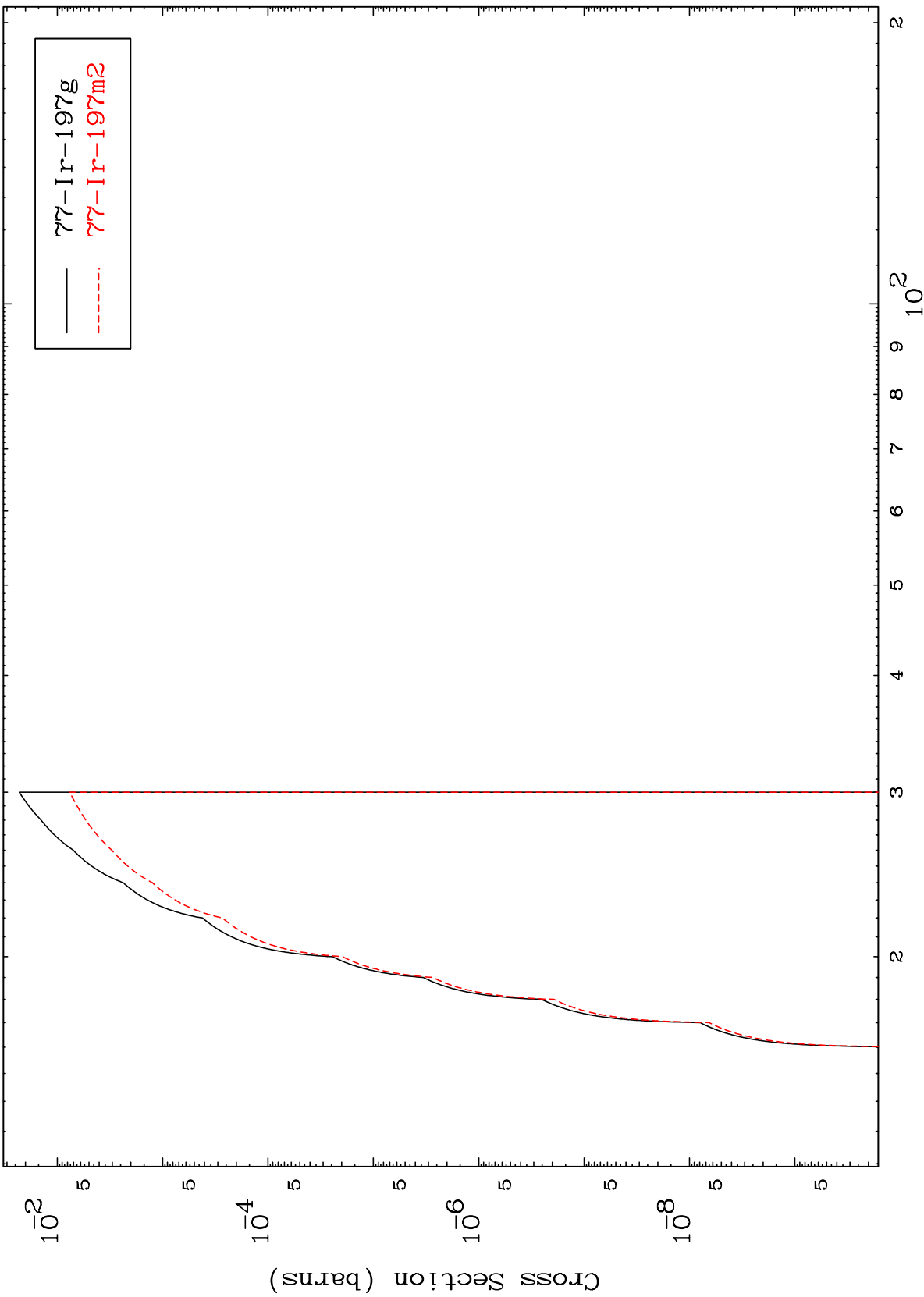


MAT 7749

(d,2n) d

77-Ir-199

Radionuclide Production Cross Section



12

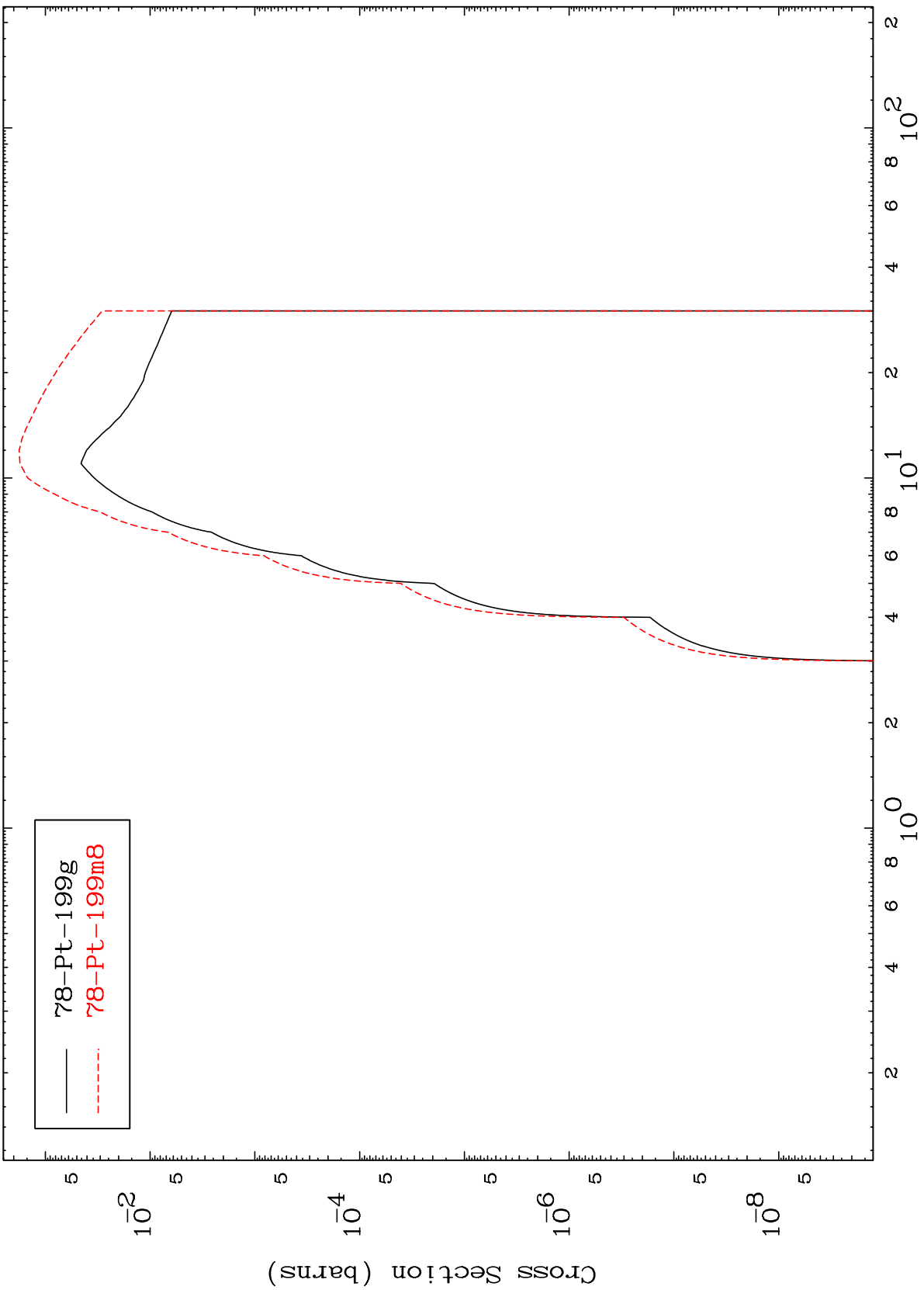
Incident Energy (MeV)

77-Ir-199

MAT 7749

77-Ir-199

Radionuclide Production Cross Section  
(d,2n)



78-Pt-199g  
78-Pt-199m8

77-Ir-199

Incident Energy (MeV)

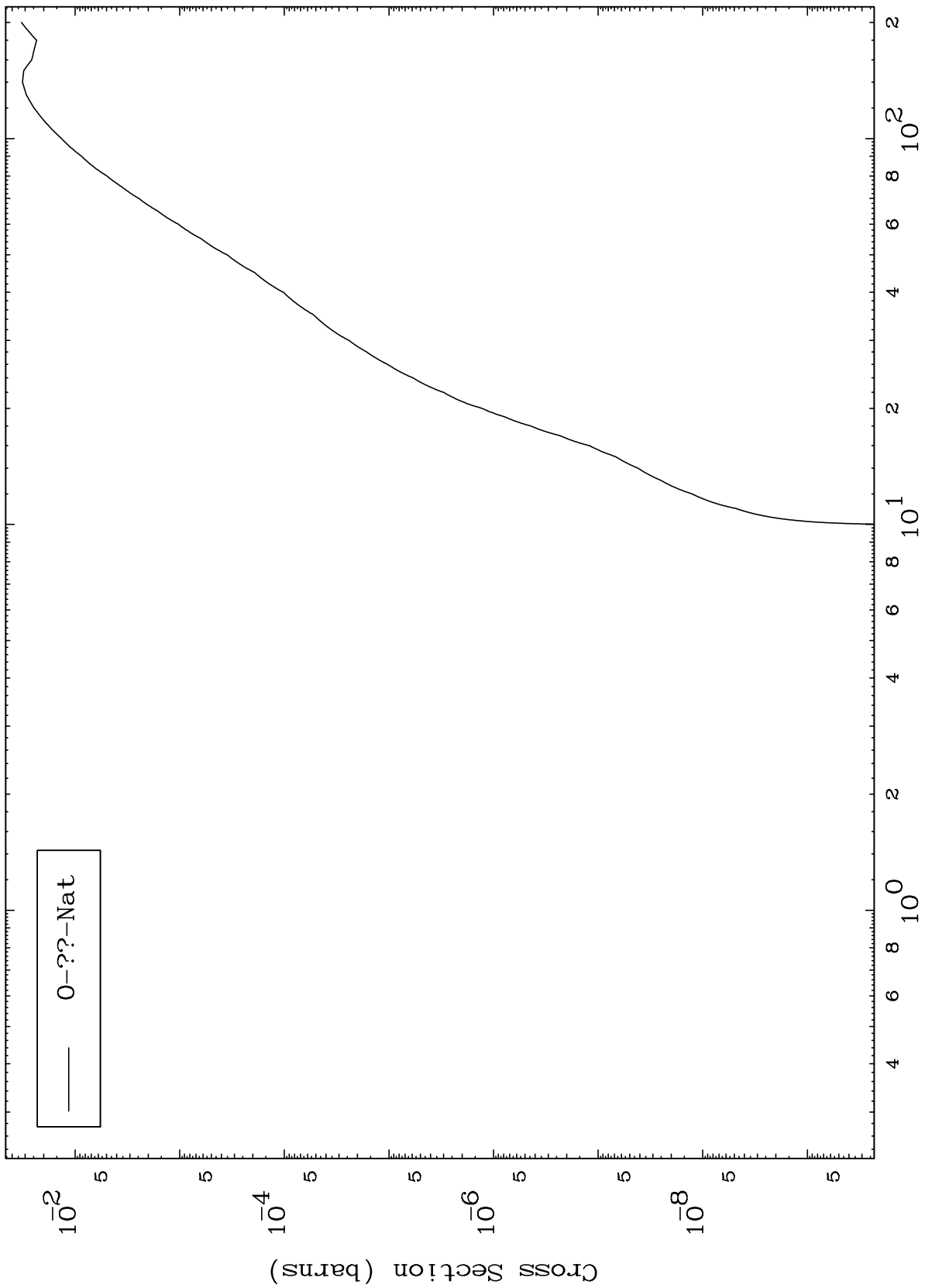
13

MAT 7749

Deuteron Fission

77-Ir-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

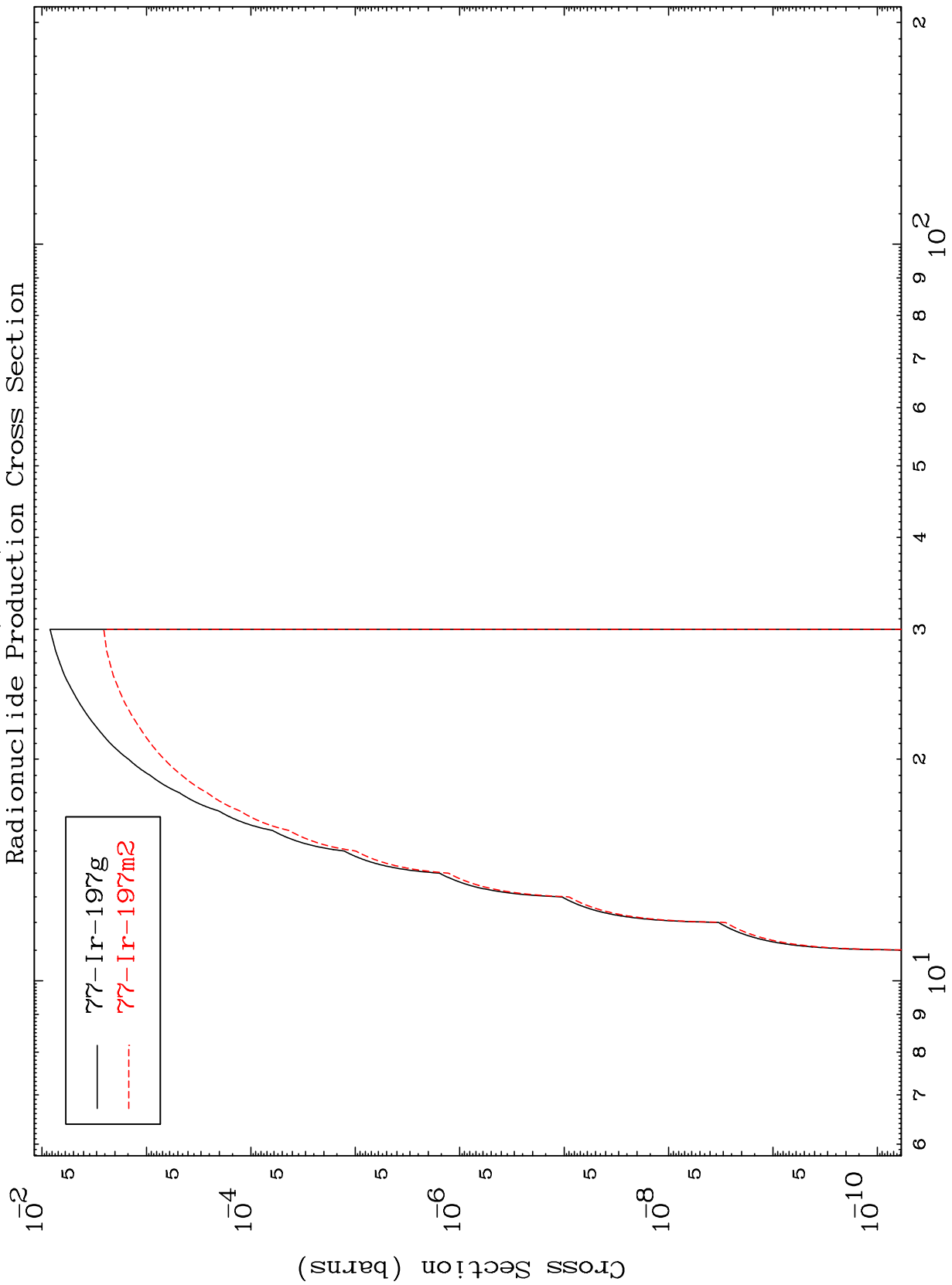
77-Ir-199

MAT 7749

(d,n') t

77-Ir-199

Radionuclide Production Cross Section



Legend:  
—  $^{77}\text{Ir}-199\text{g}$   
- - -  $^{77}\text{Ir}-199\text{m}2$

15

Incident Energy (MeV)

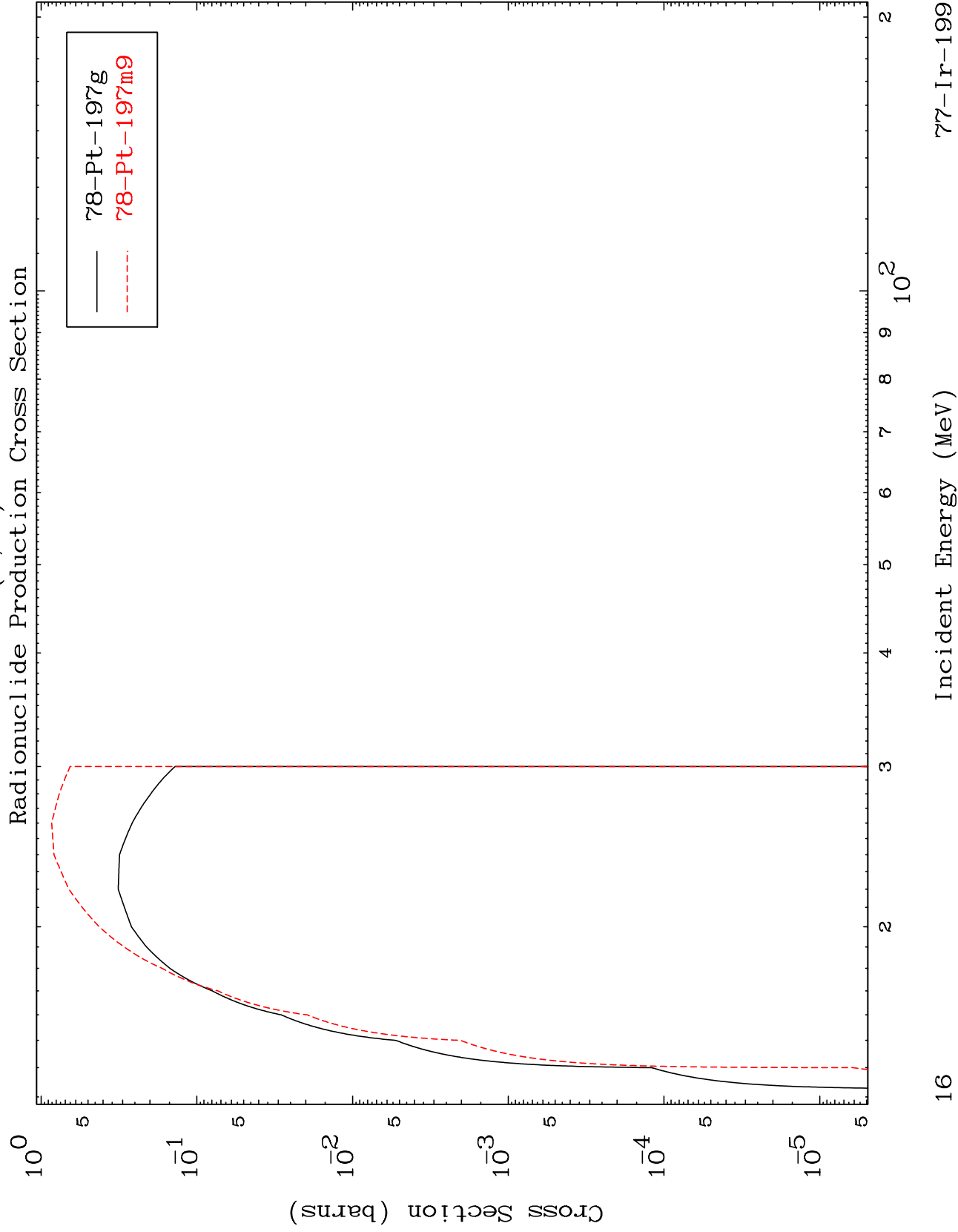
77-Ir-199



MAT 7749

(d,4n)

77-Ir-199



16

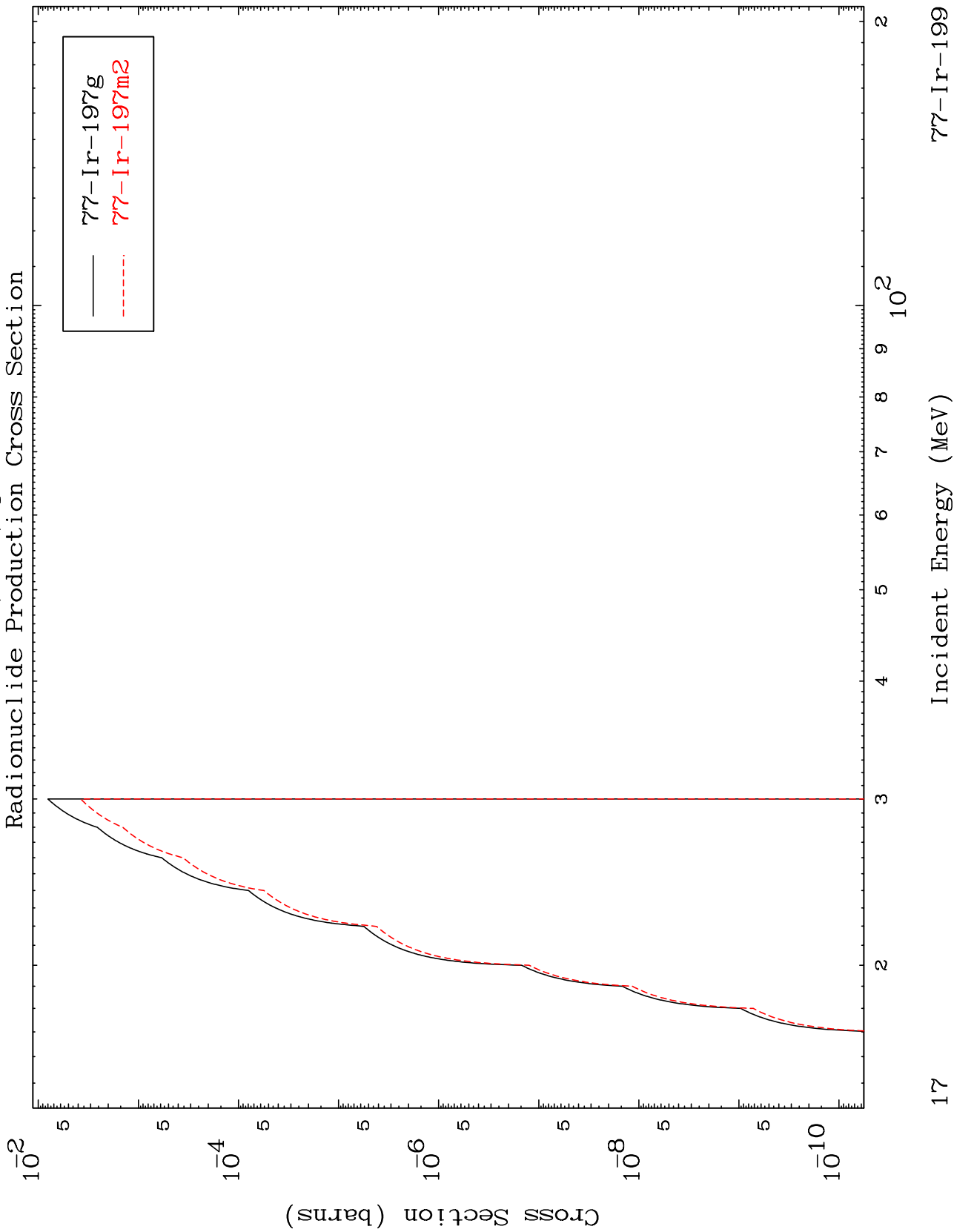
Incident Energy (MeV)

77-Ir-199

MAT 7749

(d,3n) p

77-Ir-199



17

Incident Energy (MeV)

77-Ir-199