

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

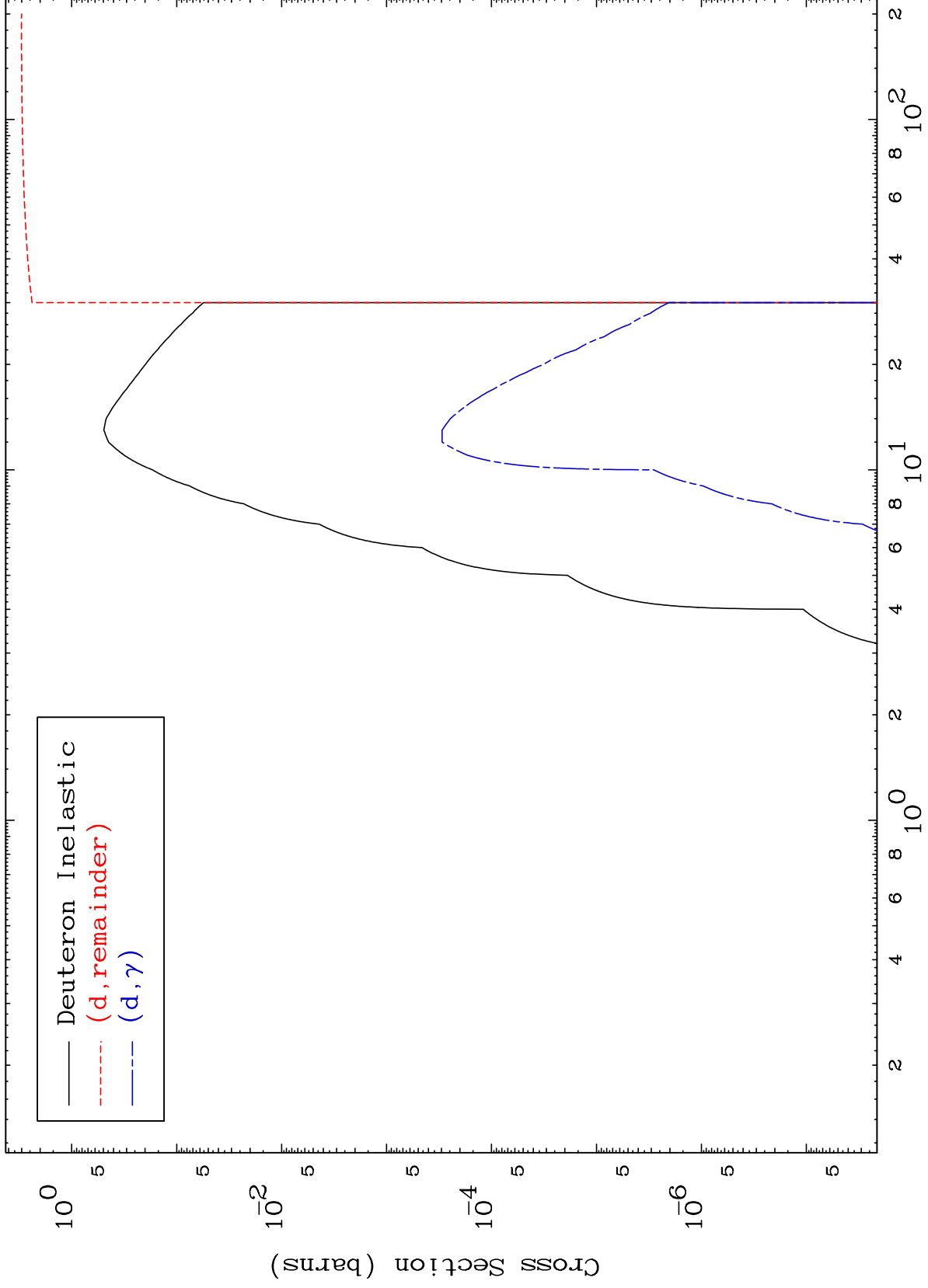
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

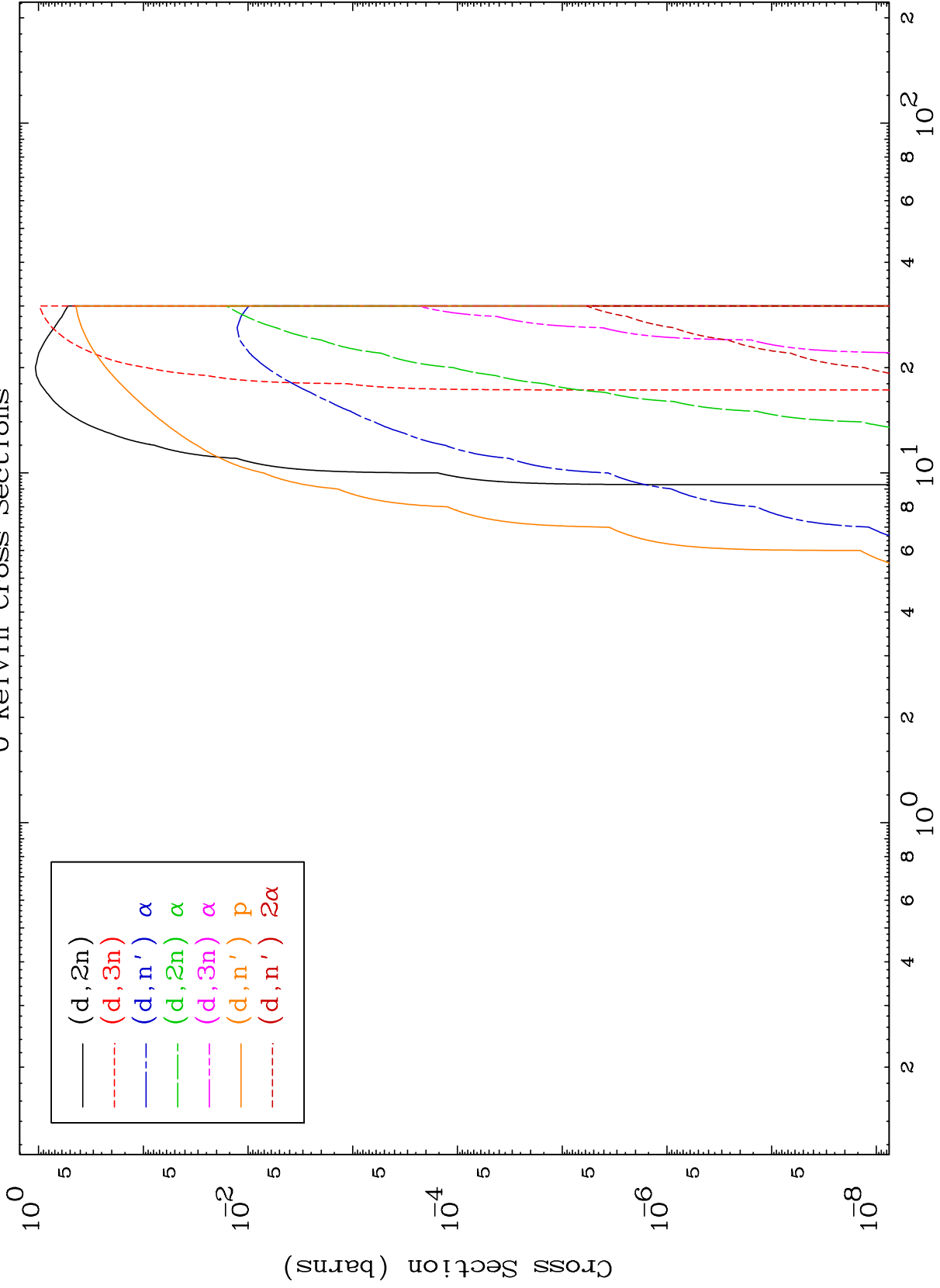
Tele: 925-443-1911

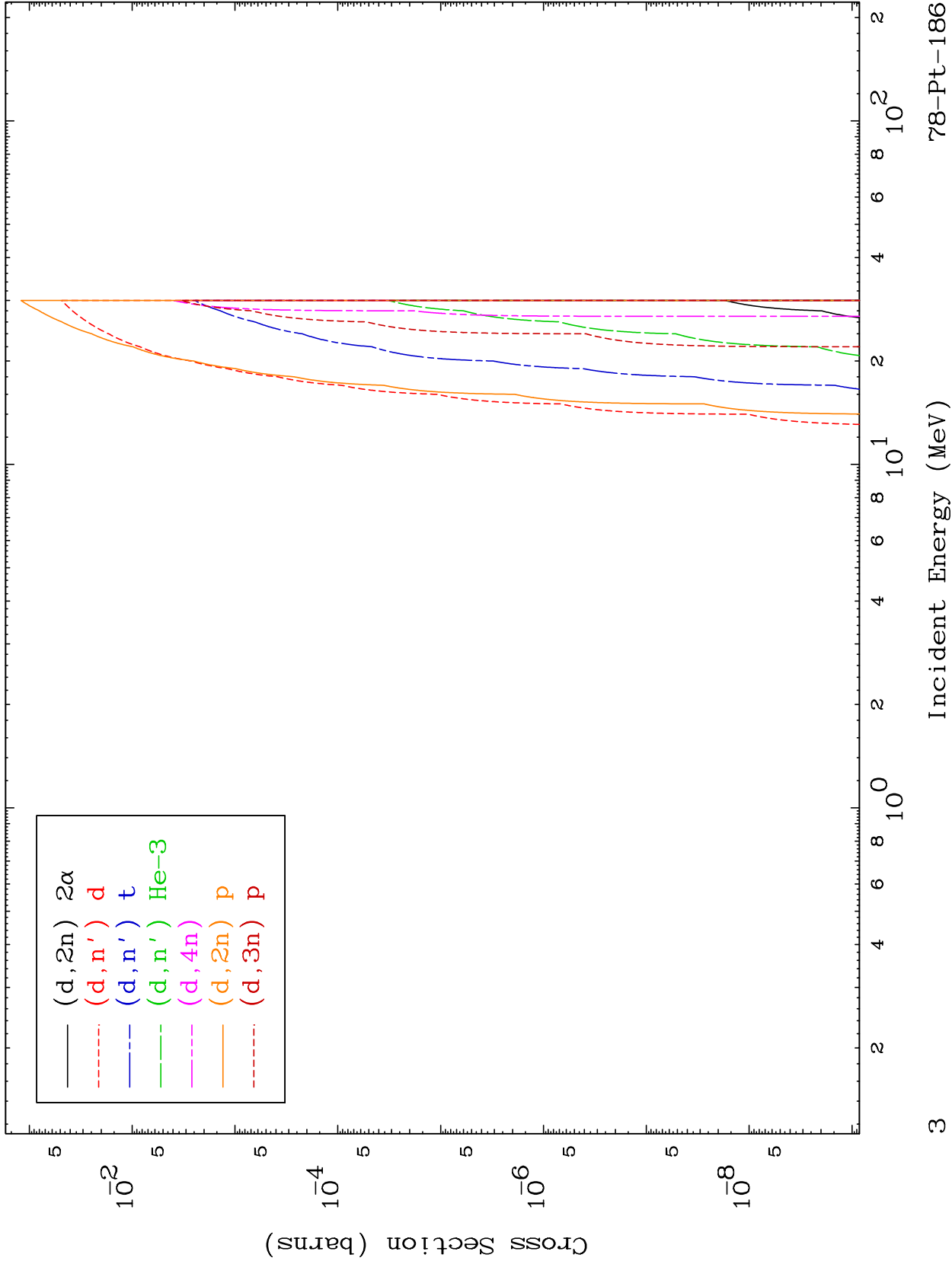
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



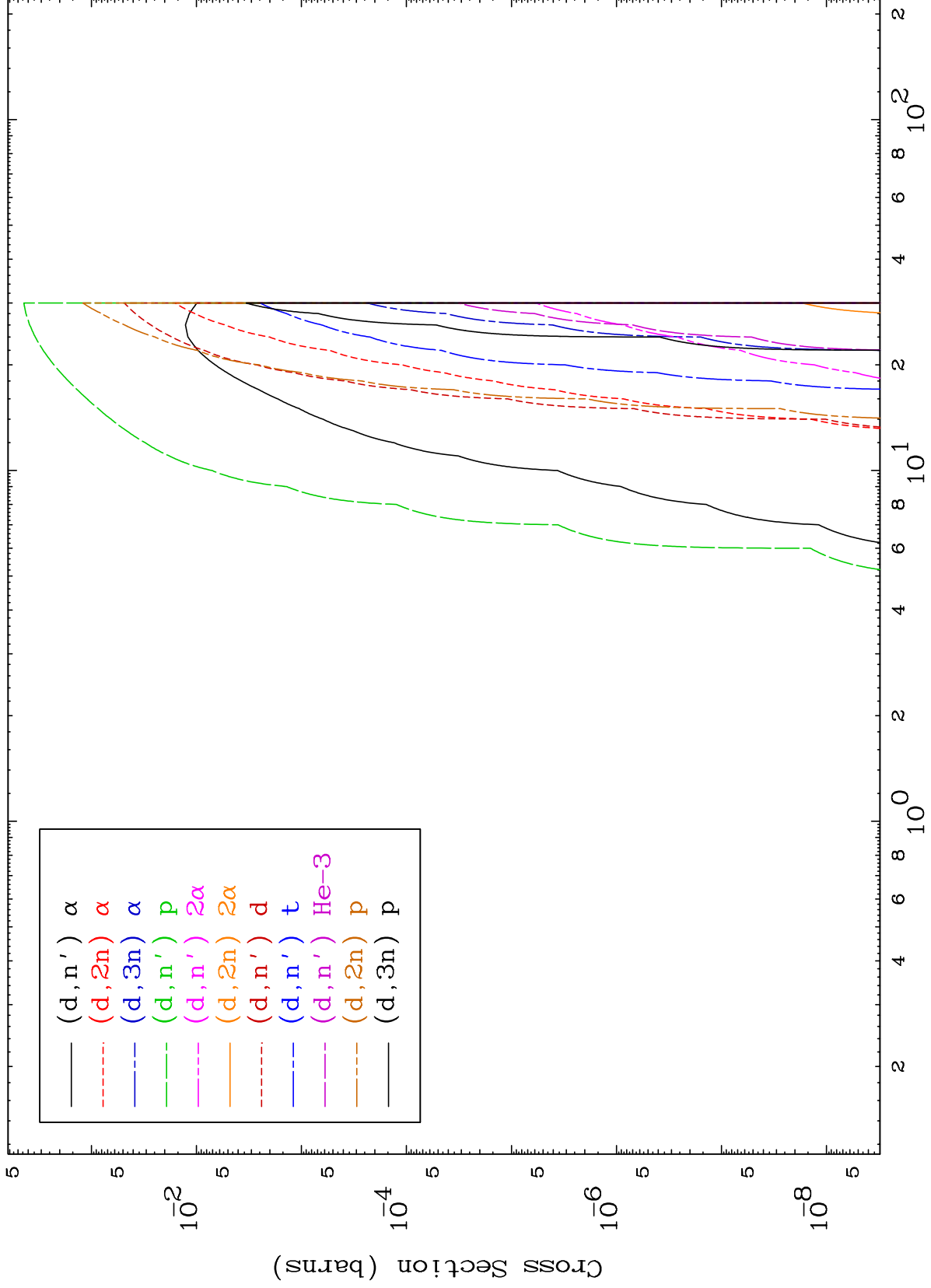


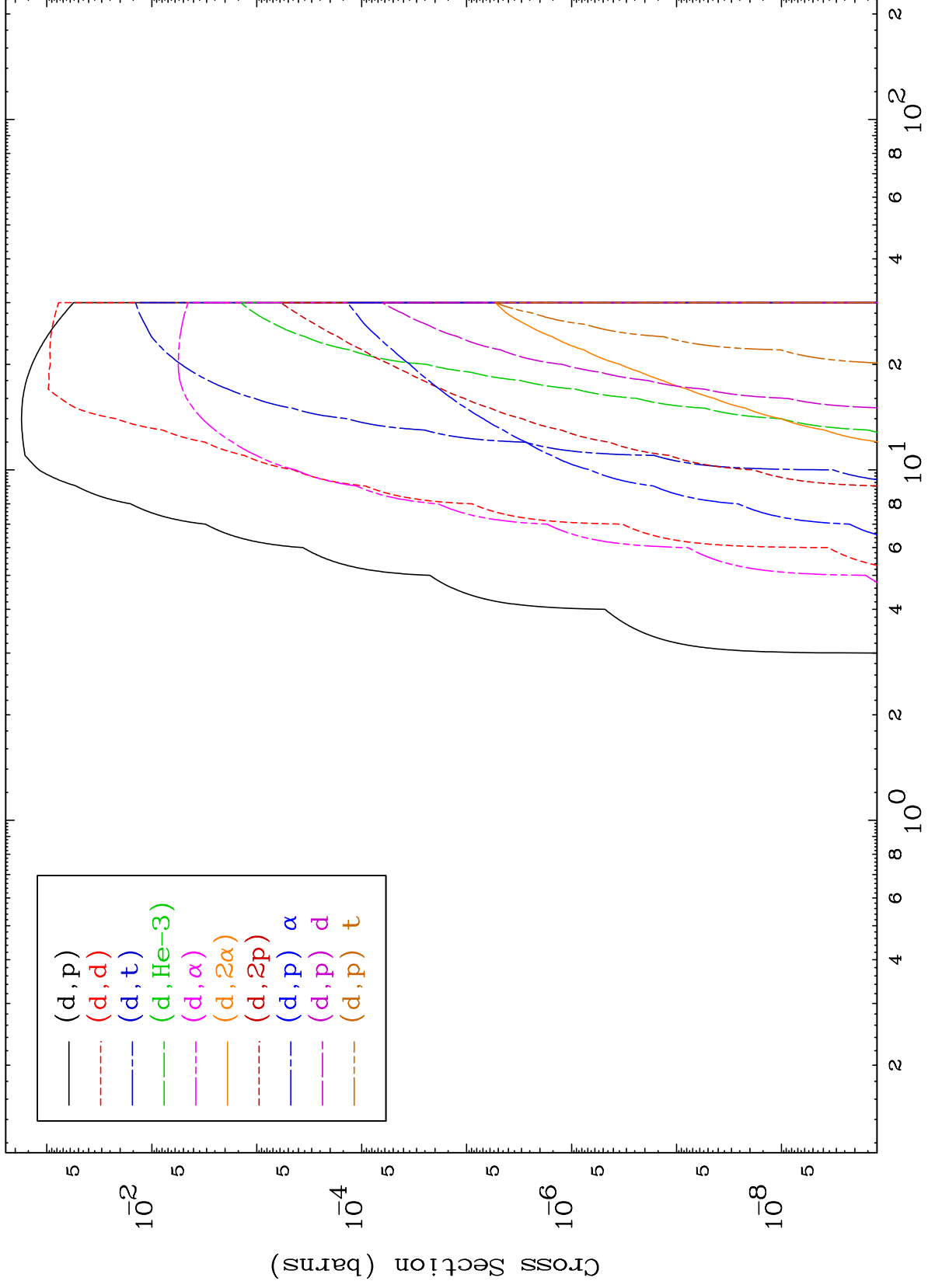


MAT 7813

Deuteron Charged Particle
0 Kelvin Cross Sections

78-Pt-186



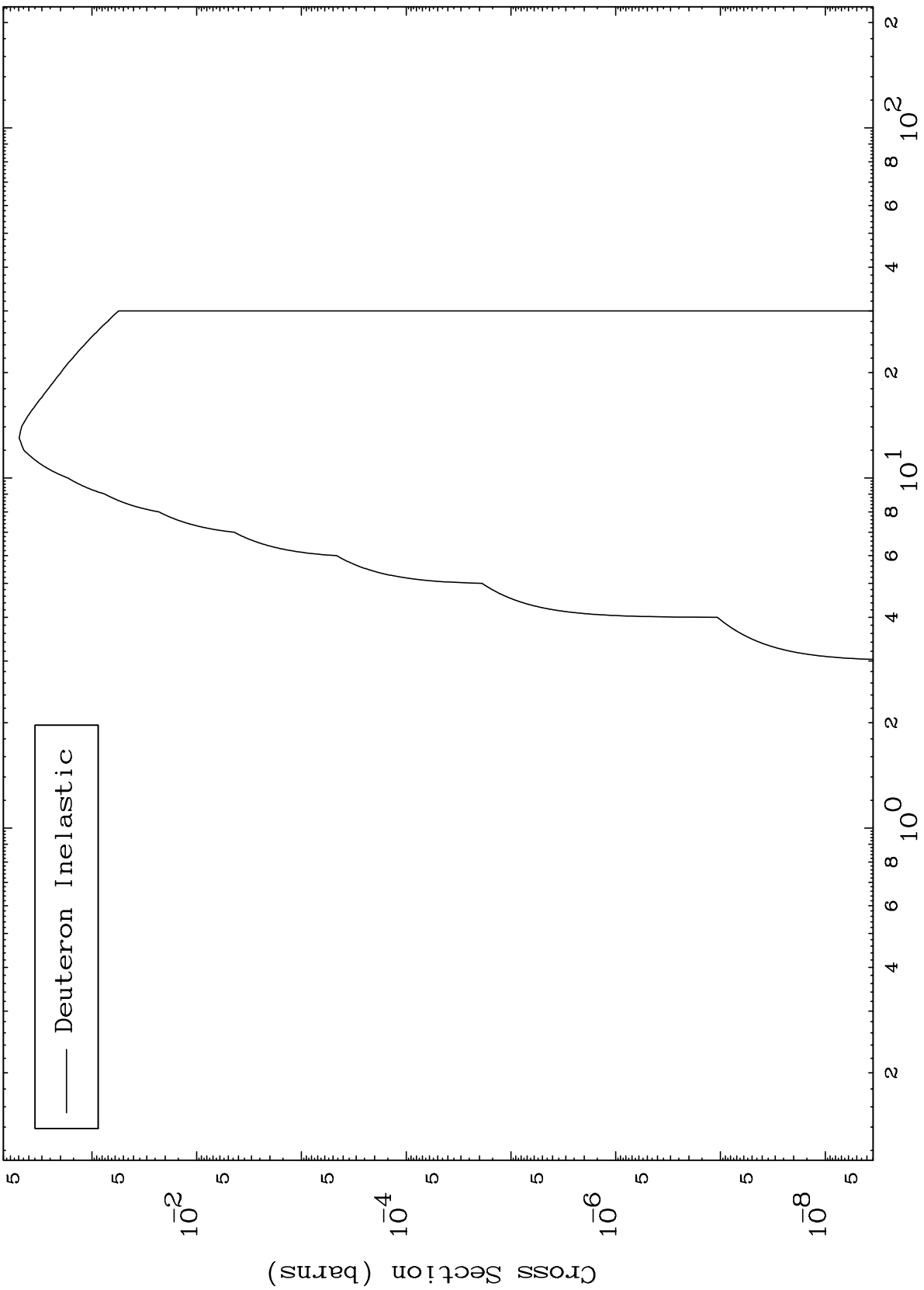


MAT 7813

(d,n') Level

78-Pt-186

0 Kelvin Cross Sections

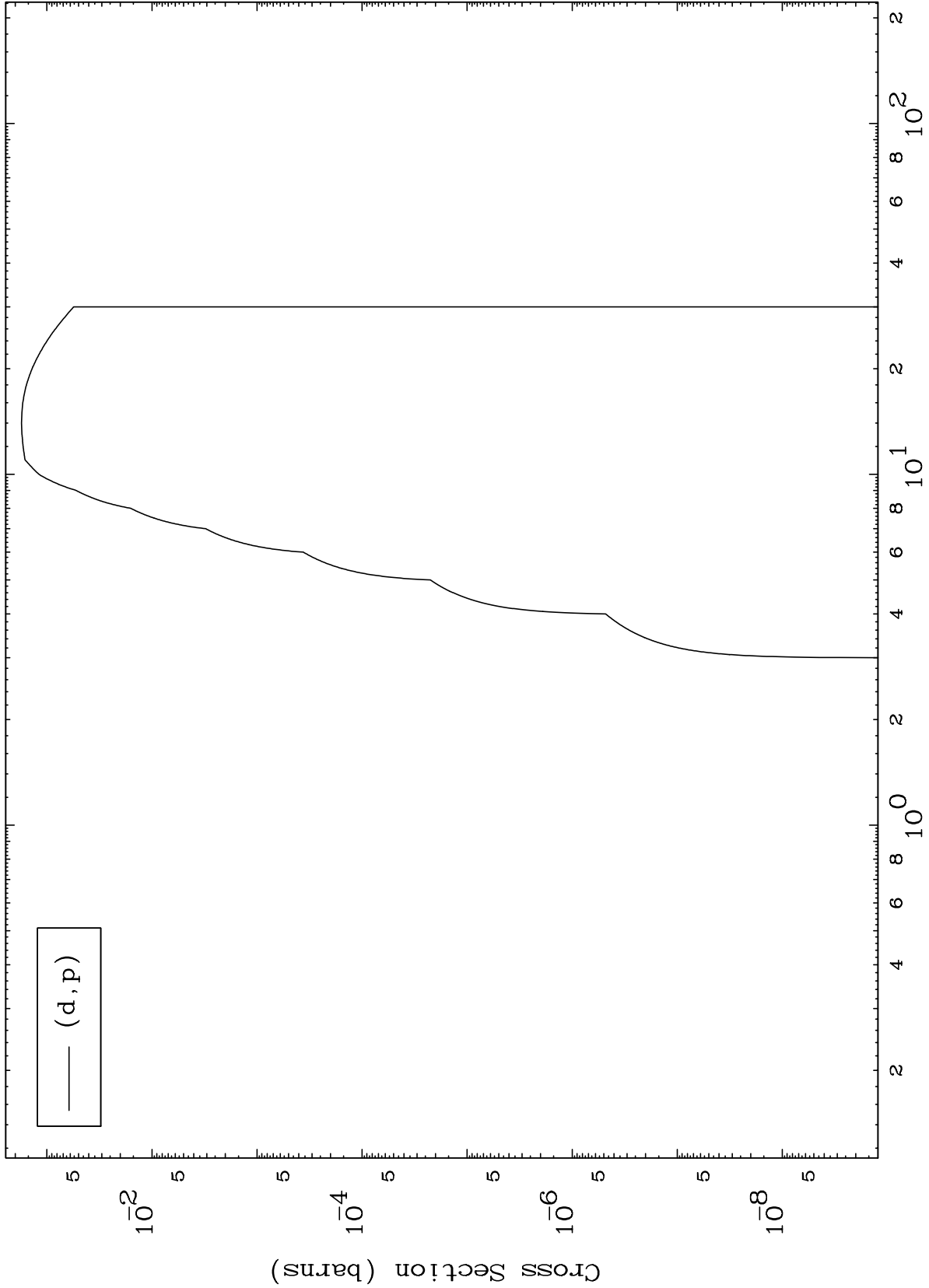


MAT 7813

(d,p) Levels

78-Pt-186

0 Kelvin Cross Sections

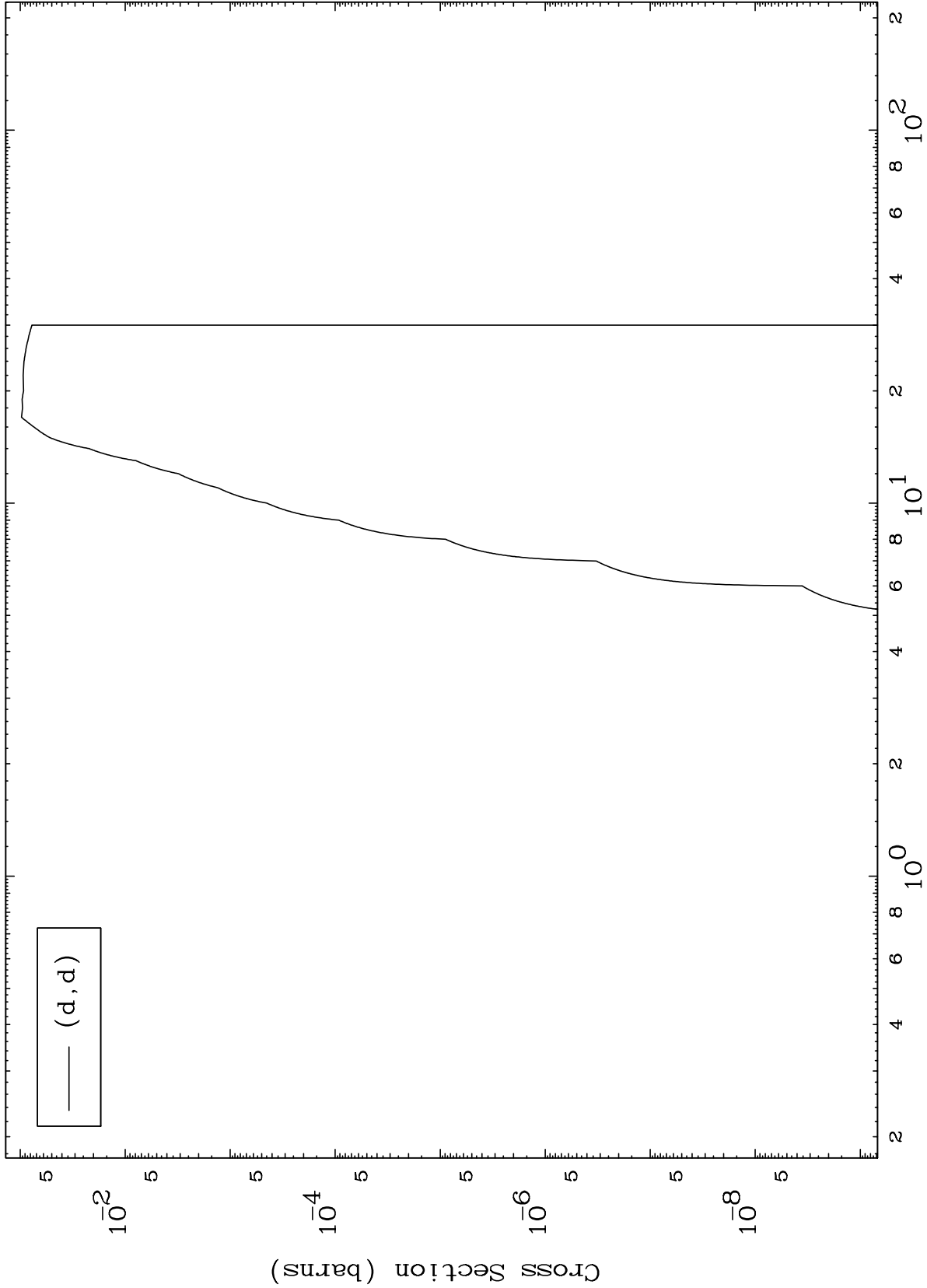


MAT 7813

(d,d) Levels

78-Pt-186

0 Kelvin Cross Sections



8

Incident Energy (MeV)

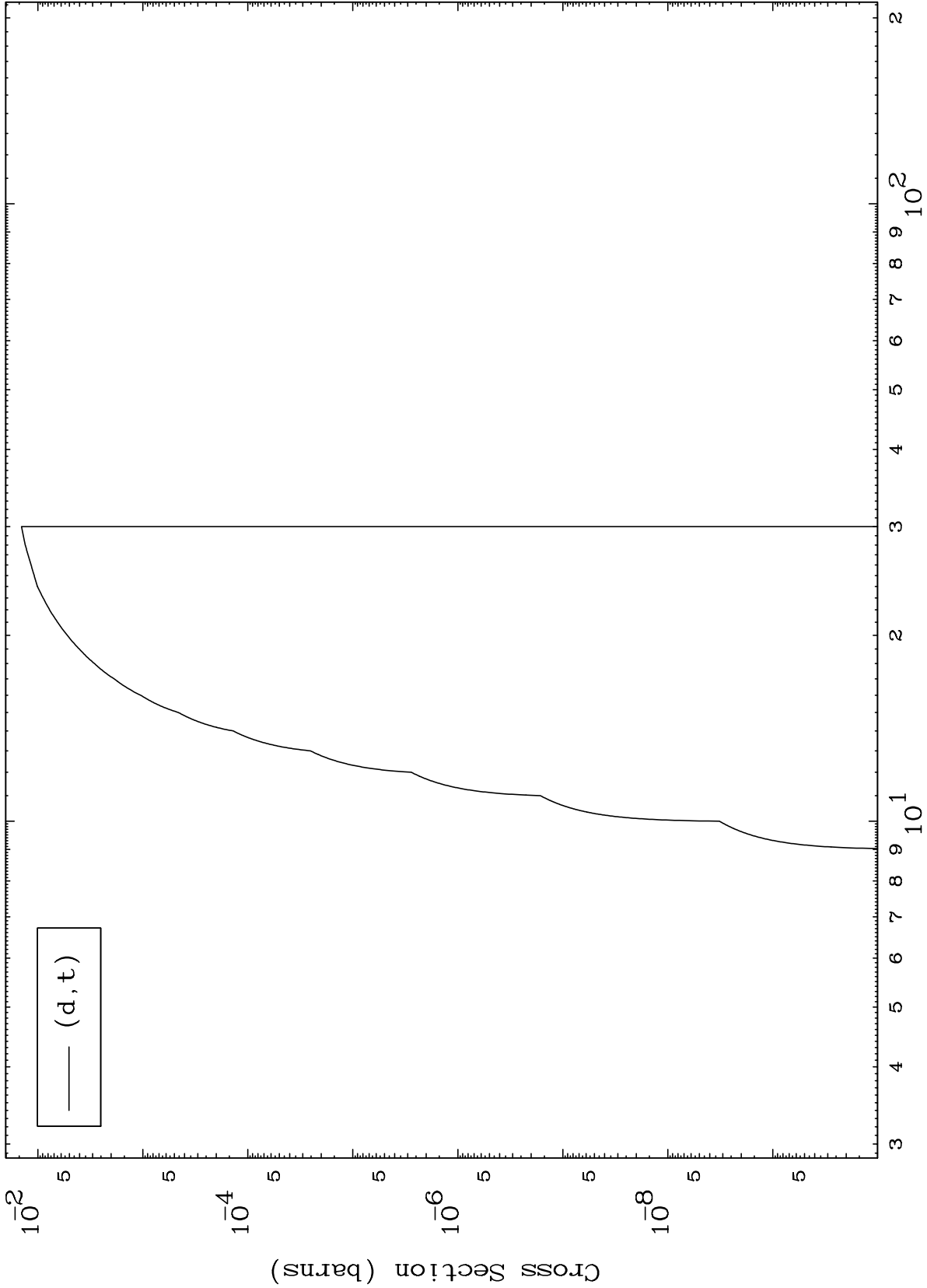
78-Pt-186

MAT 7813

(d,t) Levels

78-Pt-186

0 Kelvin Cross Sections

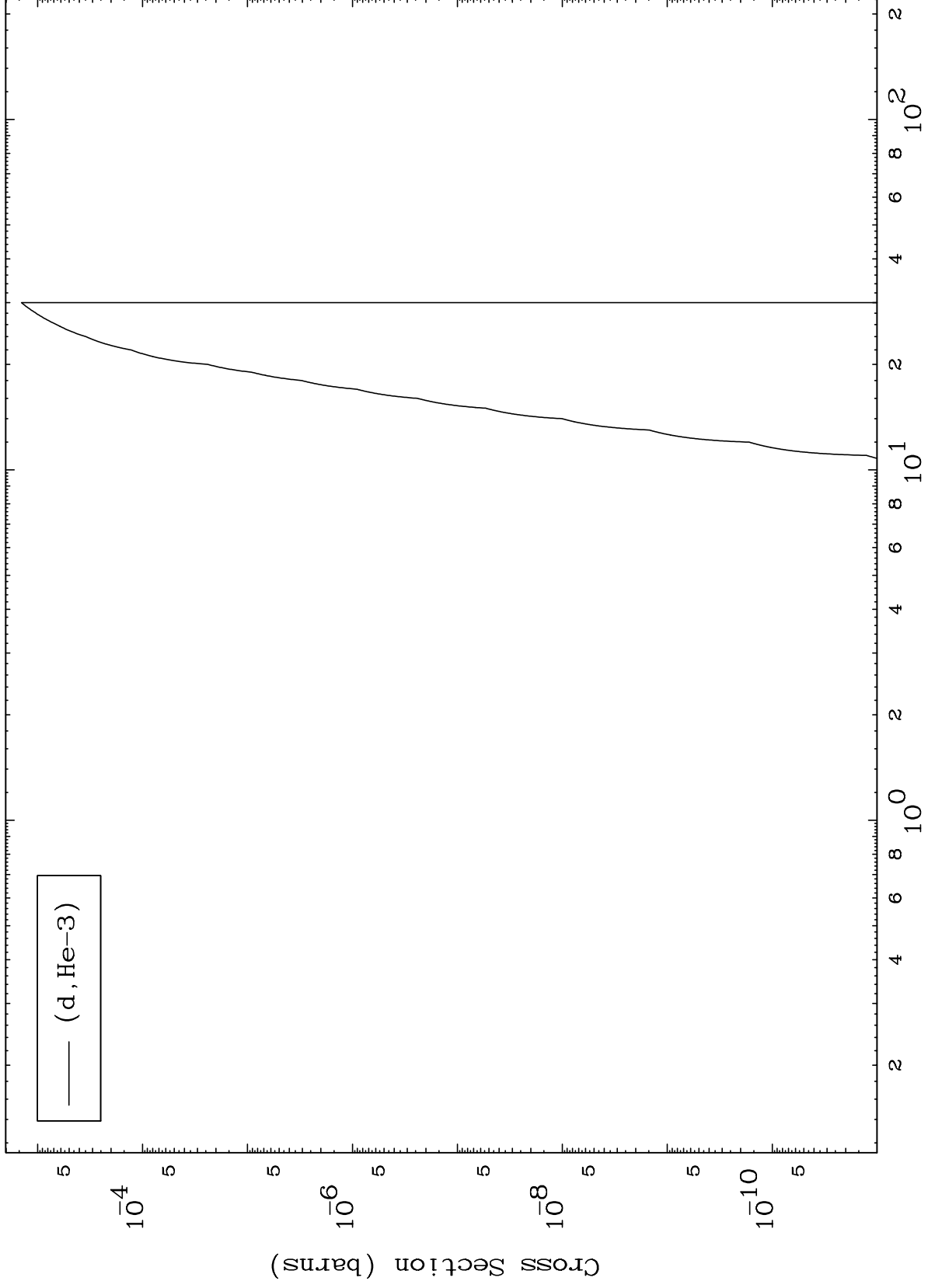


MAT 7813

(d,He3) Levels

78-Pt-186

0 Kelvin Cross Sections



(d, He-3)

10

Incident Energy (MeV)

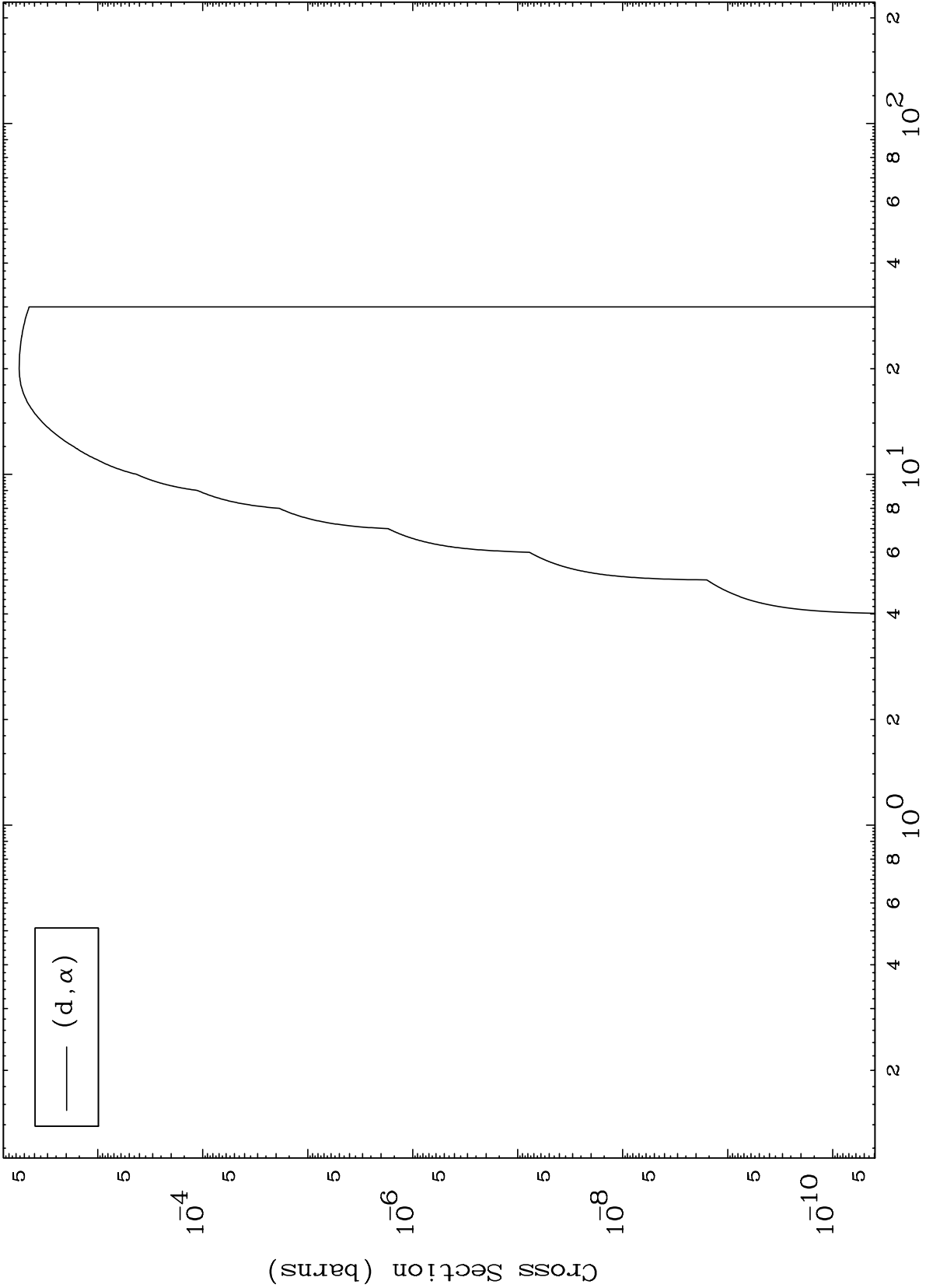
78-Pt-186

MAT 7813

(d, α) Levels

78-Pt-186

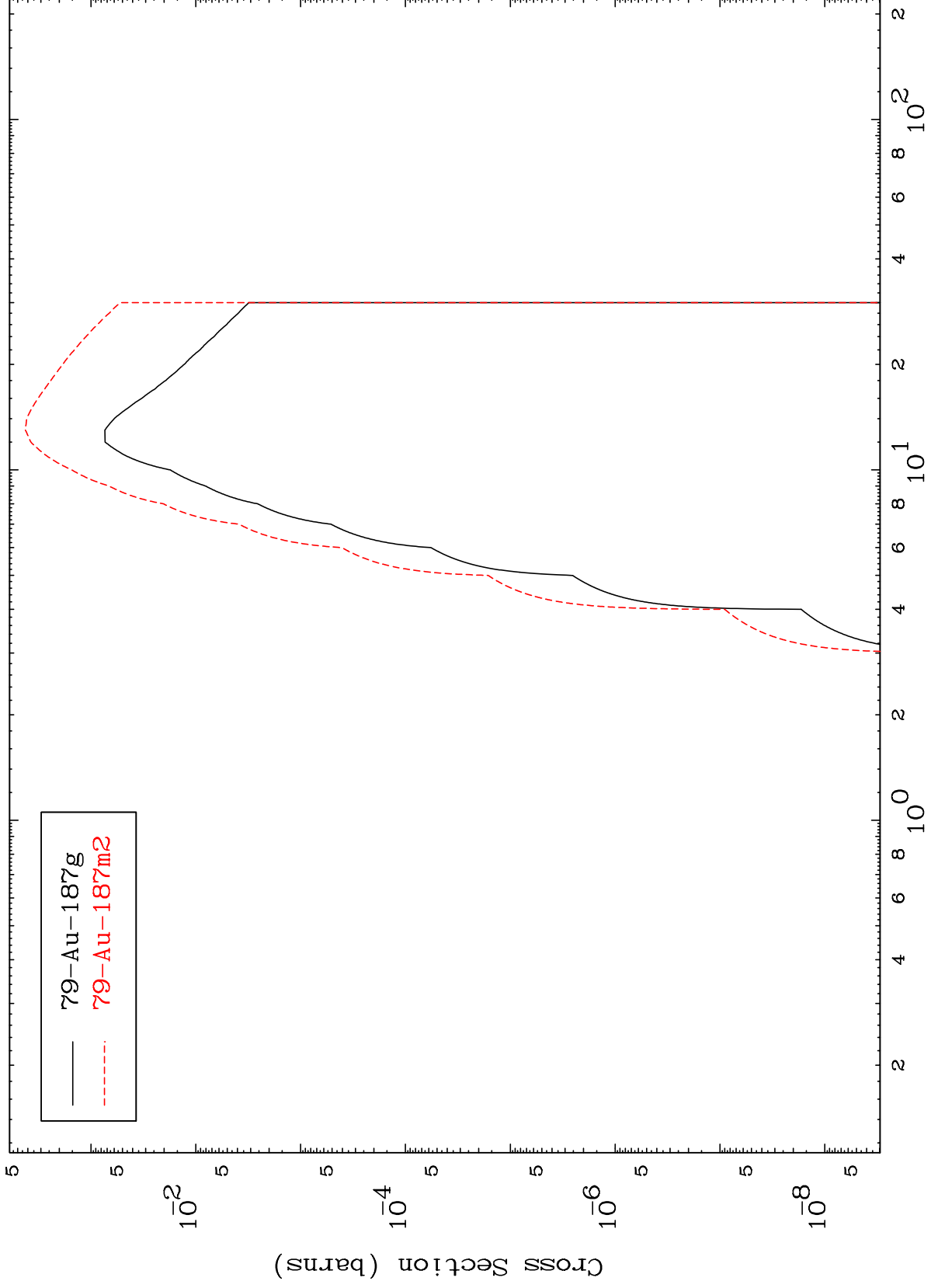
0 Kelvin Cross Sections



MAT 7813

Deuteron Inelastic
Radionuclide Production Cross Section

78-Pt-186



79-Au-187g
79-Au-187m2

12

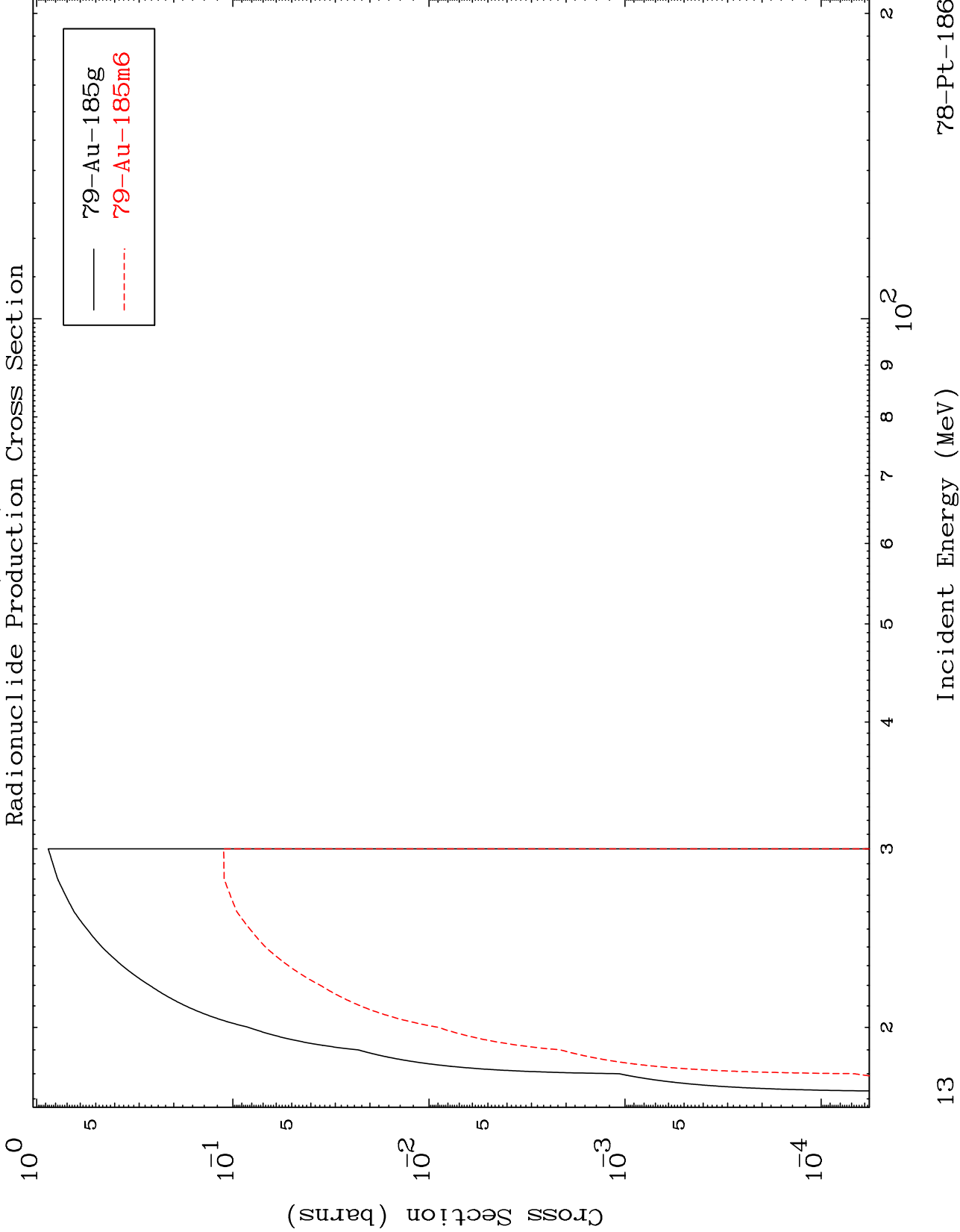
Incident Energy (MeV)

78-Pt-186

MAT 7813

(d,3n)

78-Pt-186



13

78-Pt-186

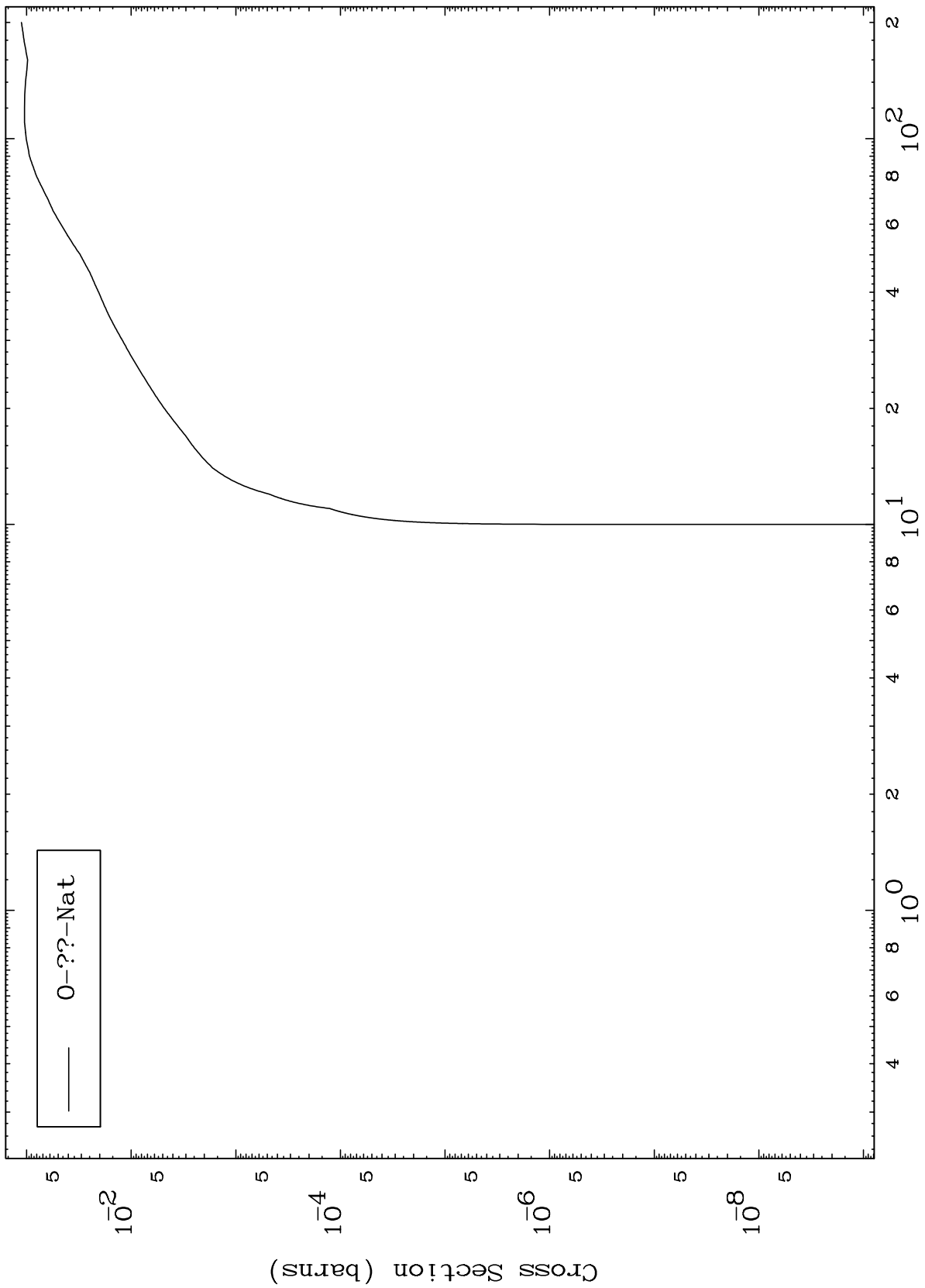
78-Pt-186

MAT 7813

Deuteron Fission

78-Pt-186

Radionuclide Production Cross Section

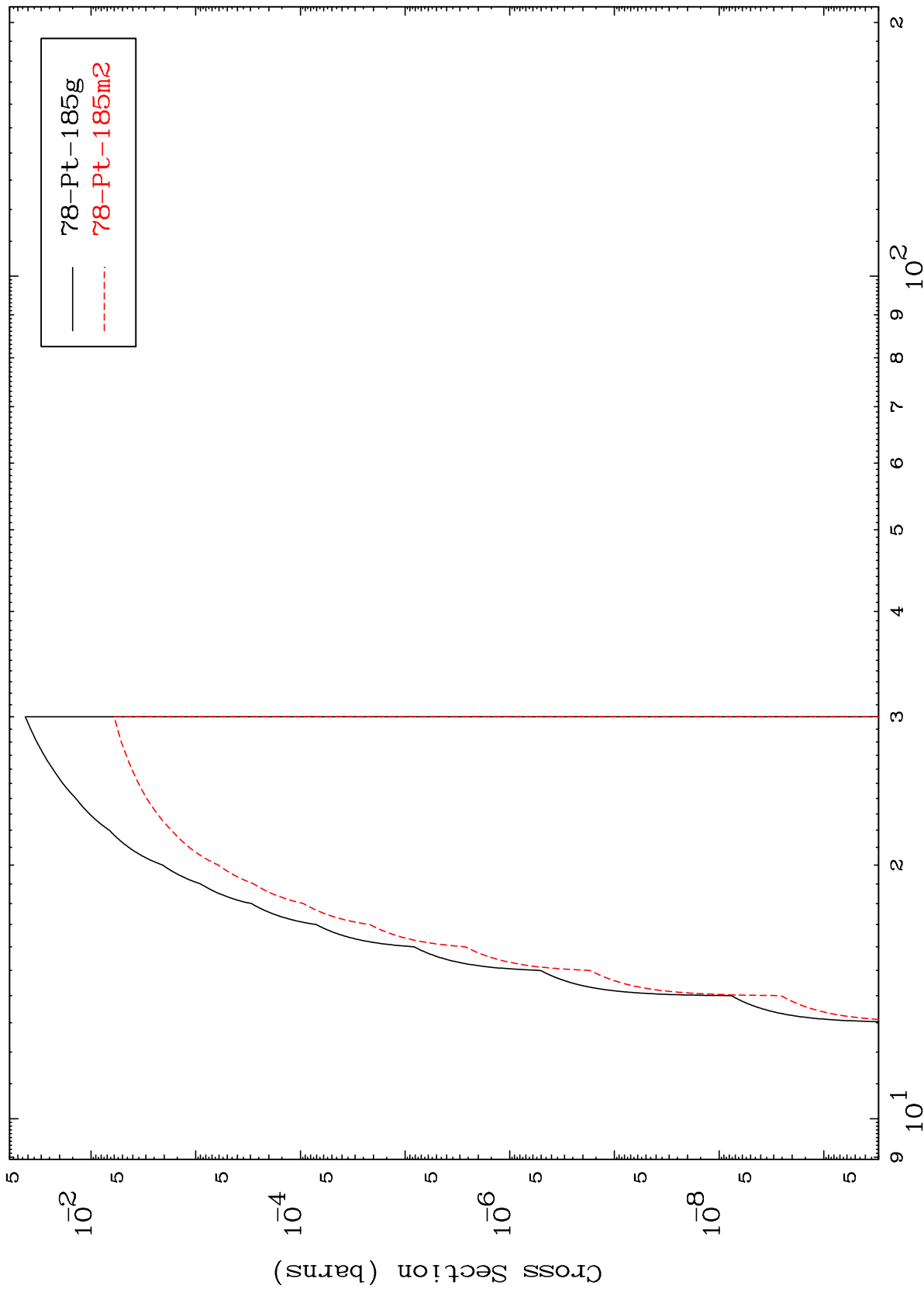


MAT 7813

(d,n') d

78-Pt-186

Radionuclide Production Cross Section



15

Incident Energy (MeV)

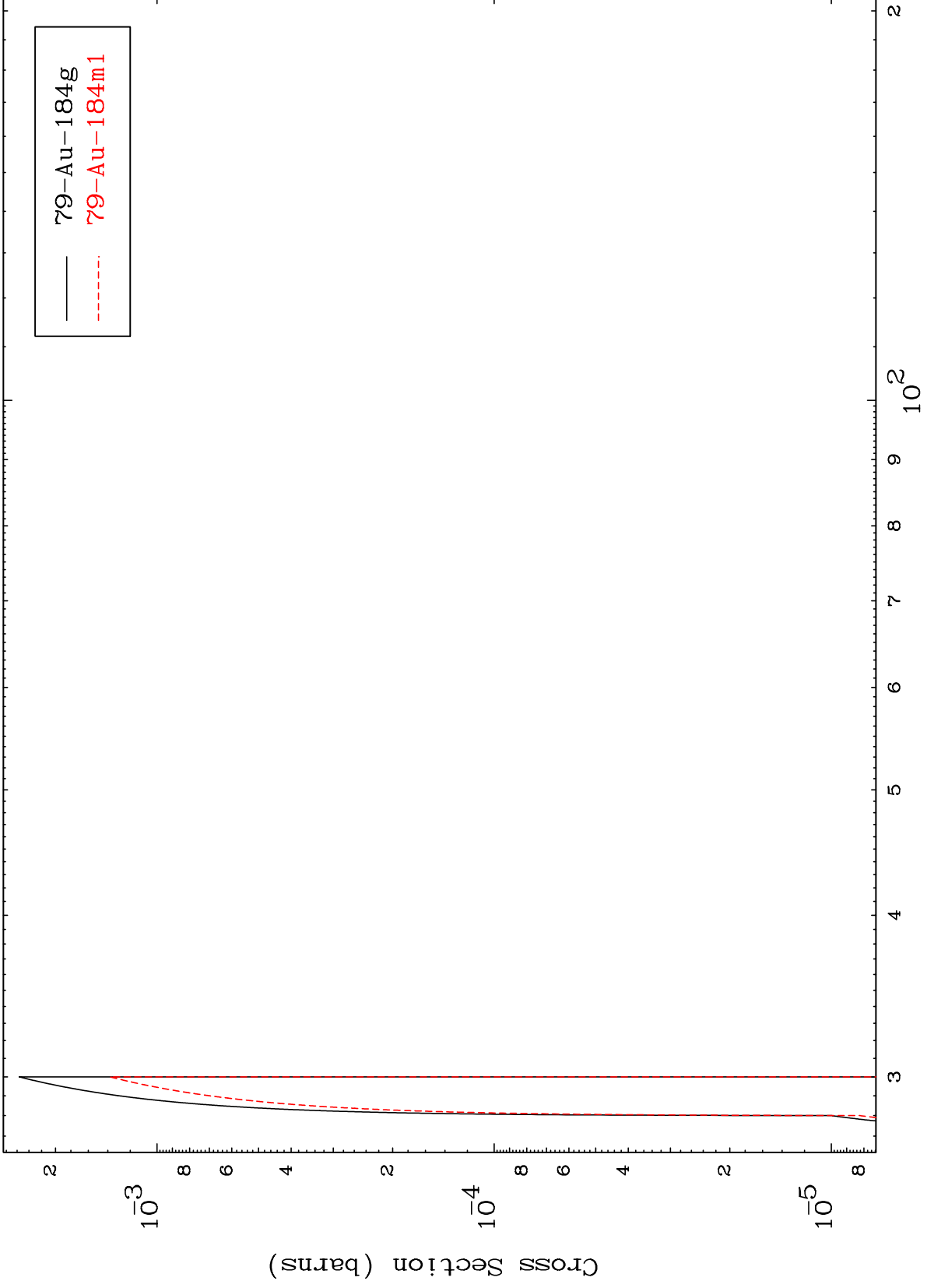
78-Pt-186

MAT 7813

(d,4n)

78-Pt-186

Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

16

Incident Energy (MeV)

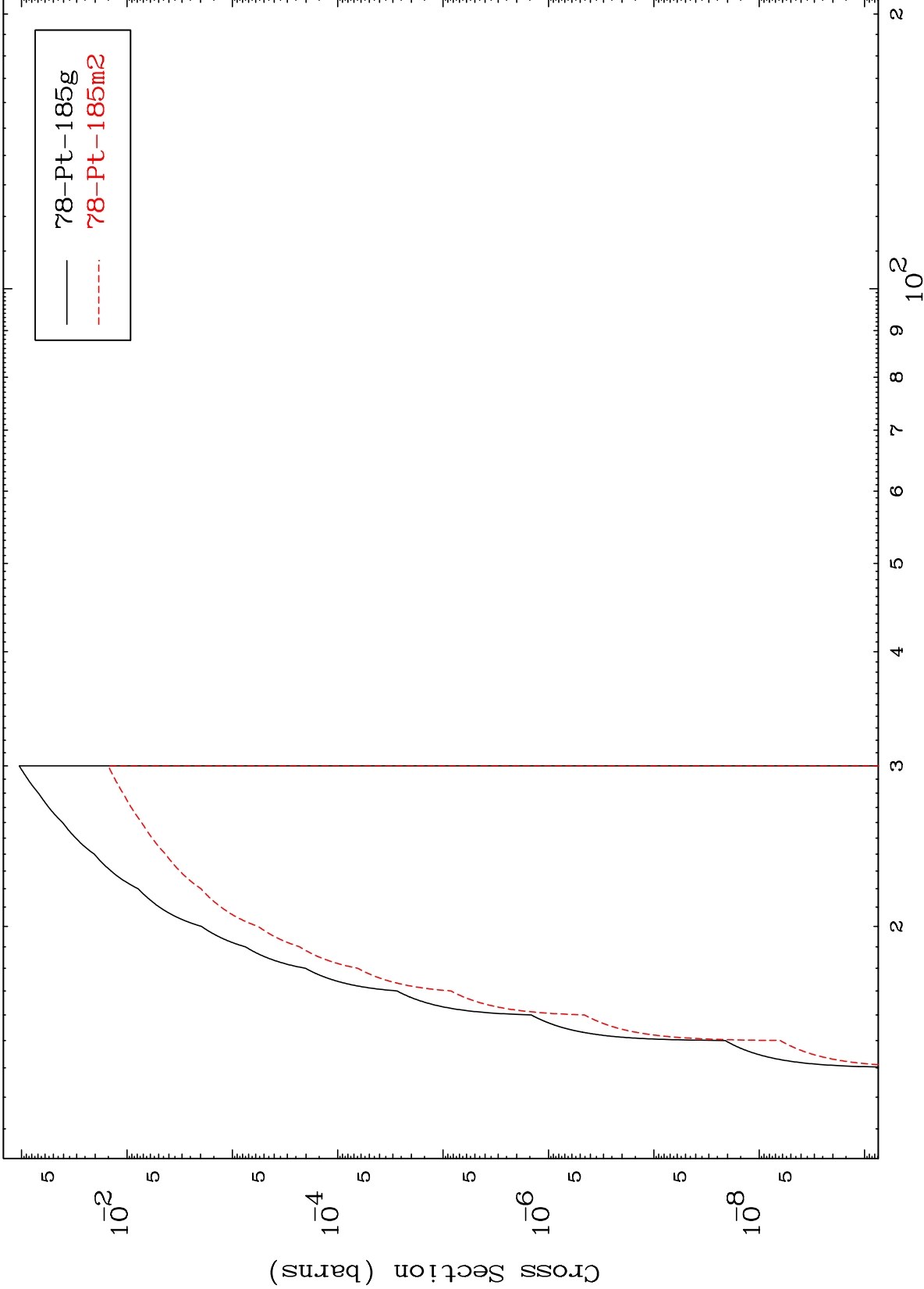
78-Pt-186

MAT 7813

(d,2n) p

78-Pt-186

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

17

Incident Energy (MeV)

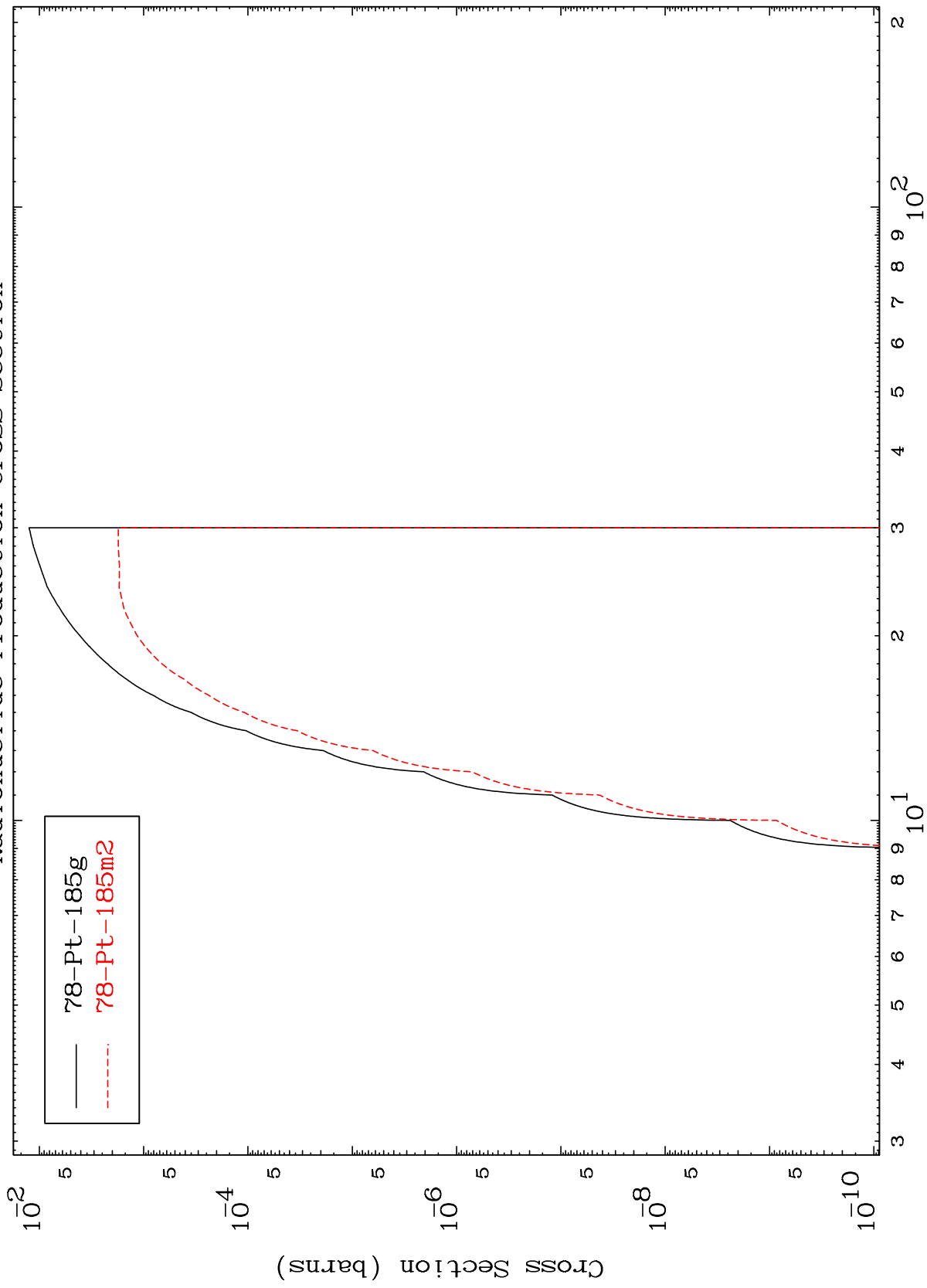
78-Pt-186

MAT 7813

(d, t)

78-Pt-186

Radionuclide Production Cross Section



18

Incident Energy (MeV)

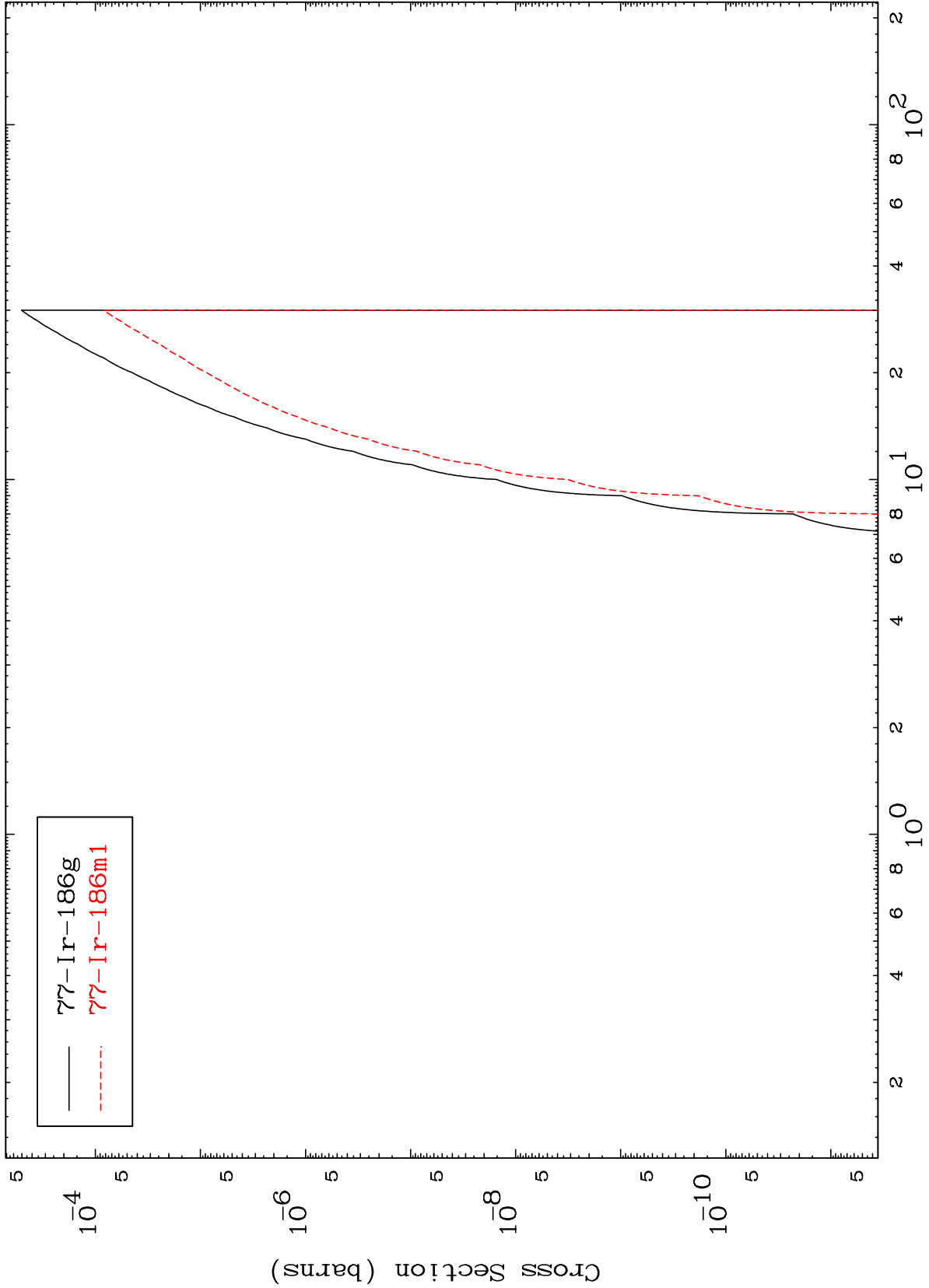
78-Pt-186

MAT 7813

(d,2p)

78-Pt-186

Radionuclide Production Cross Section



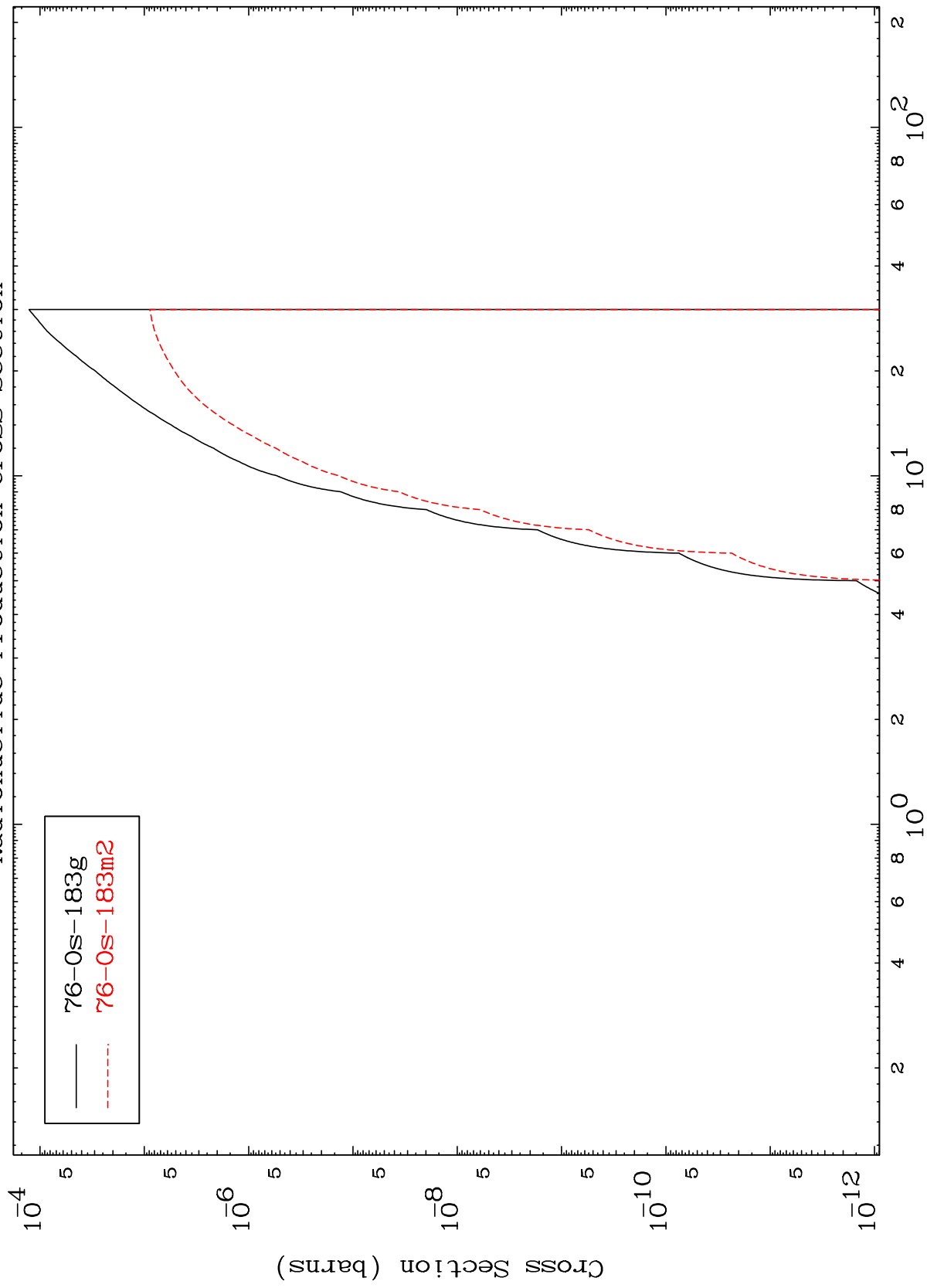
— $^{77}\text{Ir-186g}$
- - - $^{77}\text{Ir-186m1}$

MAT 7813

(d,p) α

78-Pt-186

Radionuclide Production Cross Section



20

Incident Energy (MeV)

78-Pt-186