

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

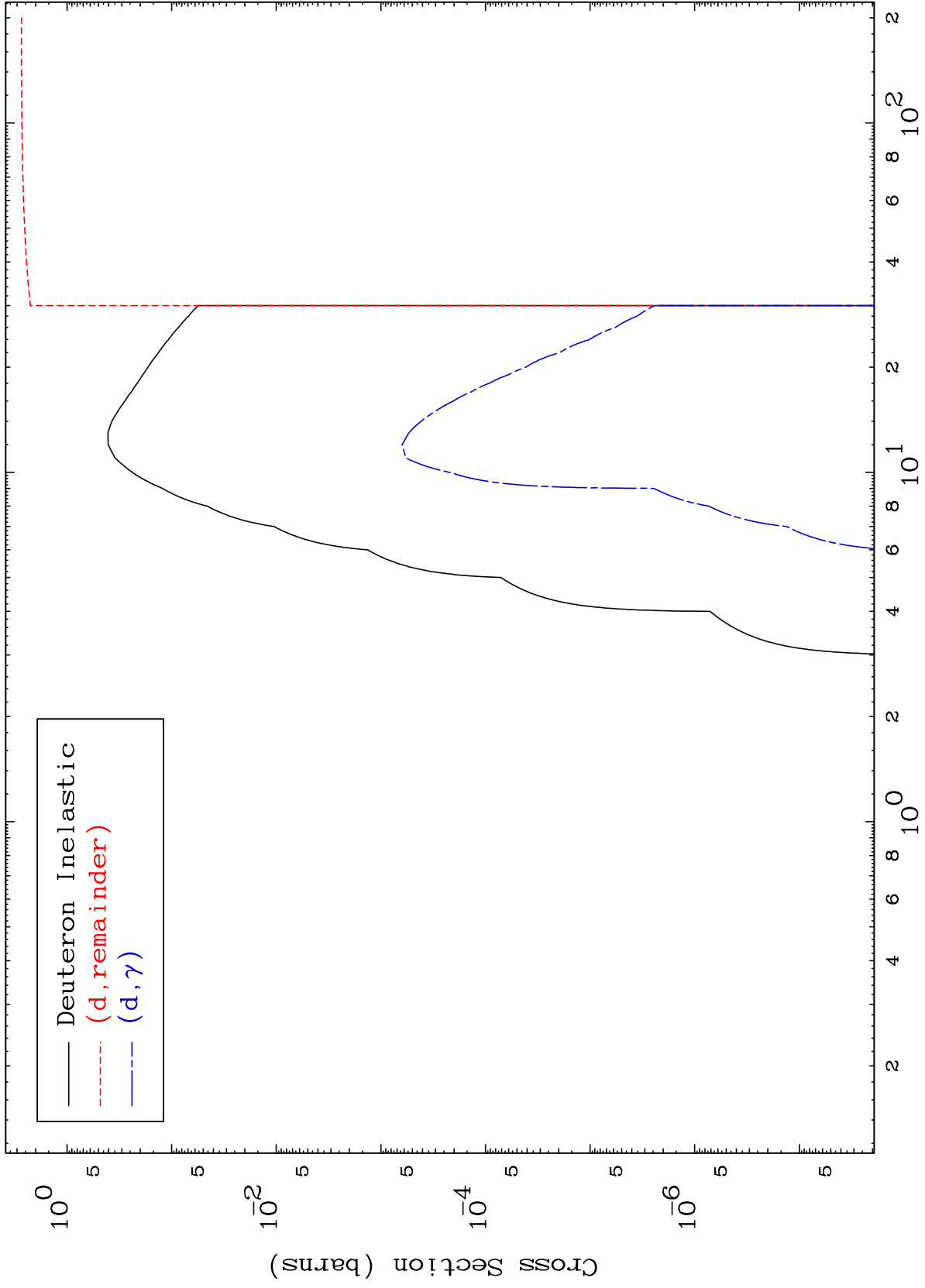
Press Mouse Button to Start

MAT 7004

Deuteron Major

70-Yb-161

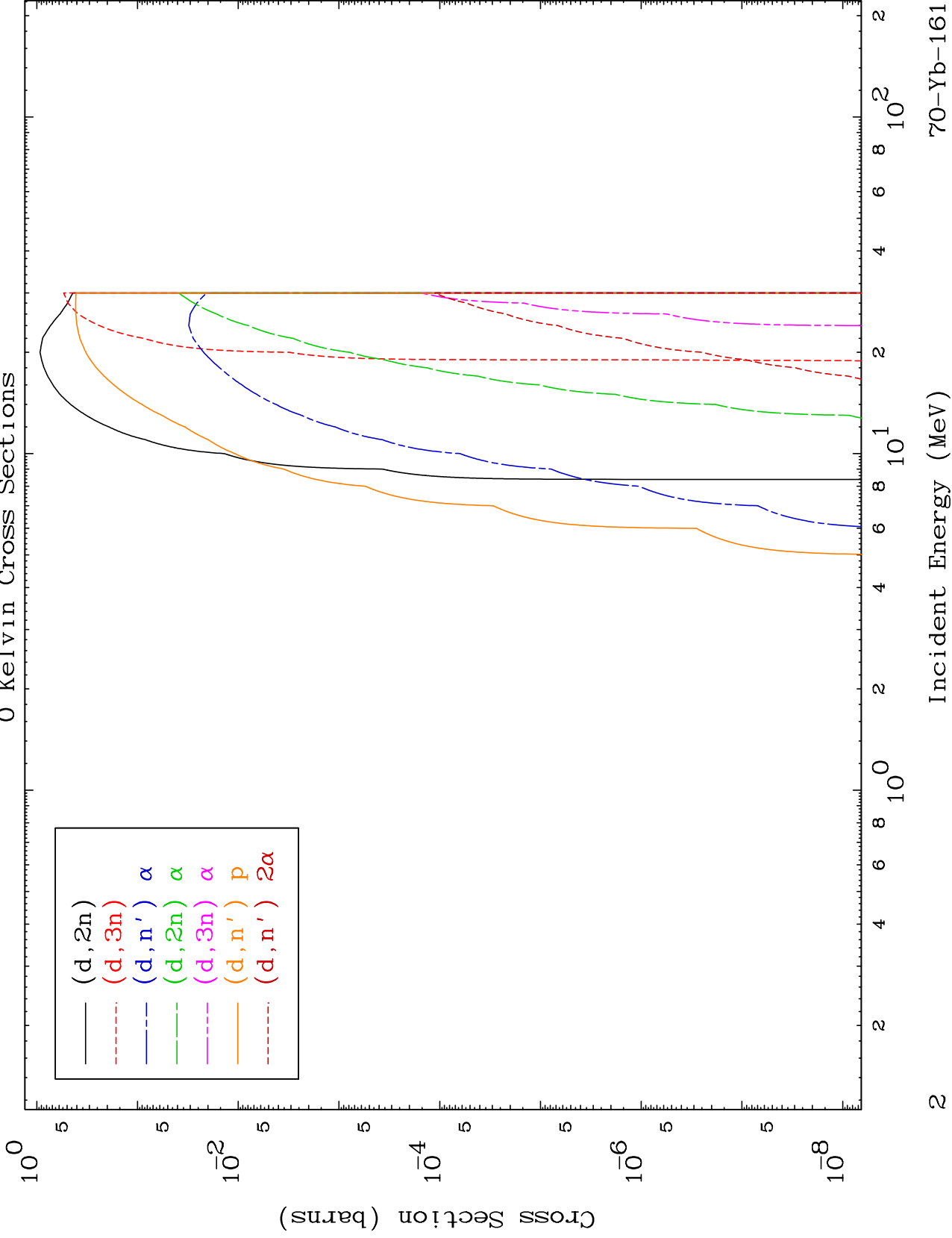
0 Kelvin Cross Sections

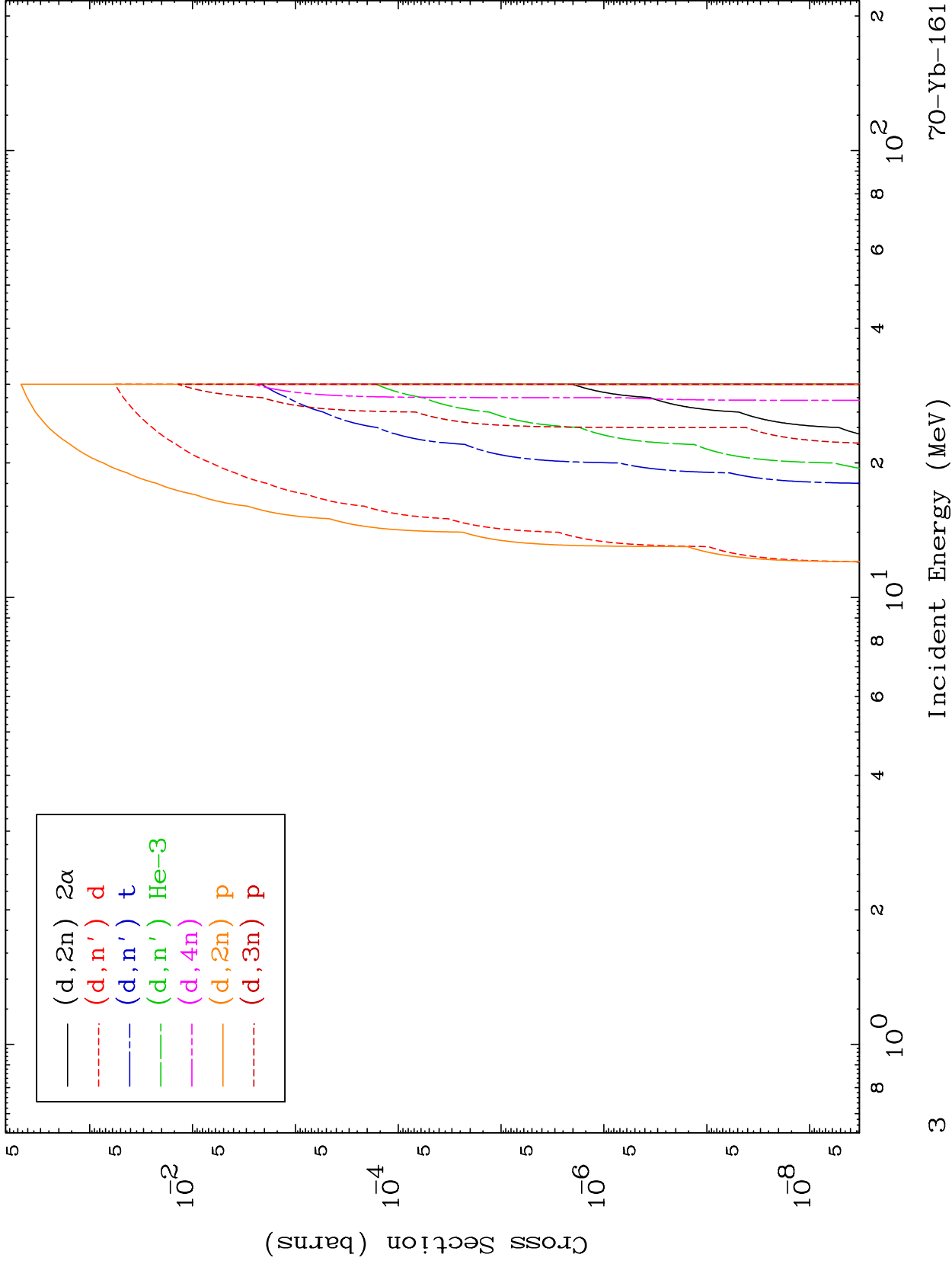


MAT 7004

Deuteron Neutron Production
0 Kelvin Cross Sections

70-Yb-161

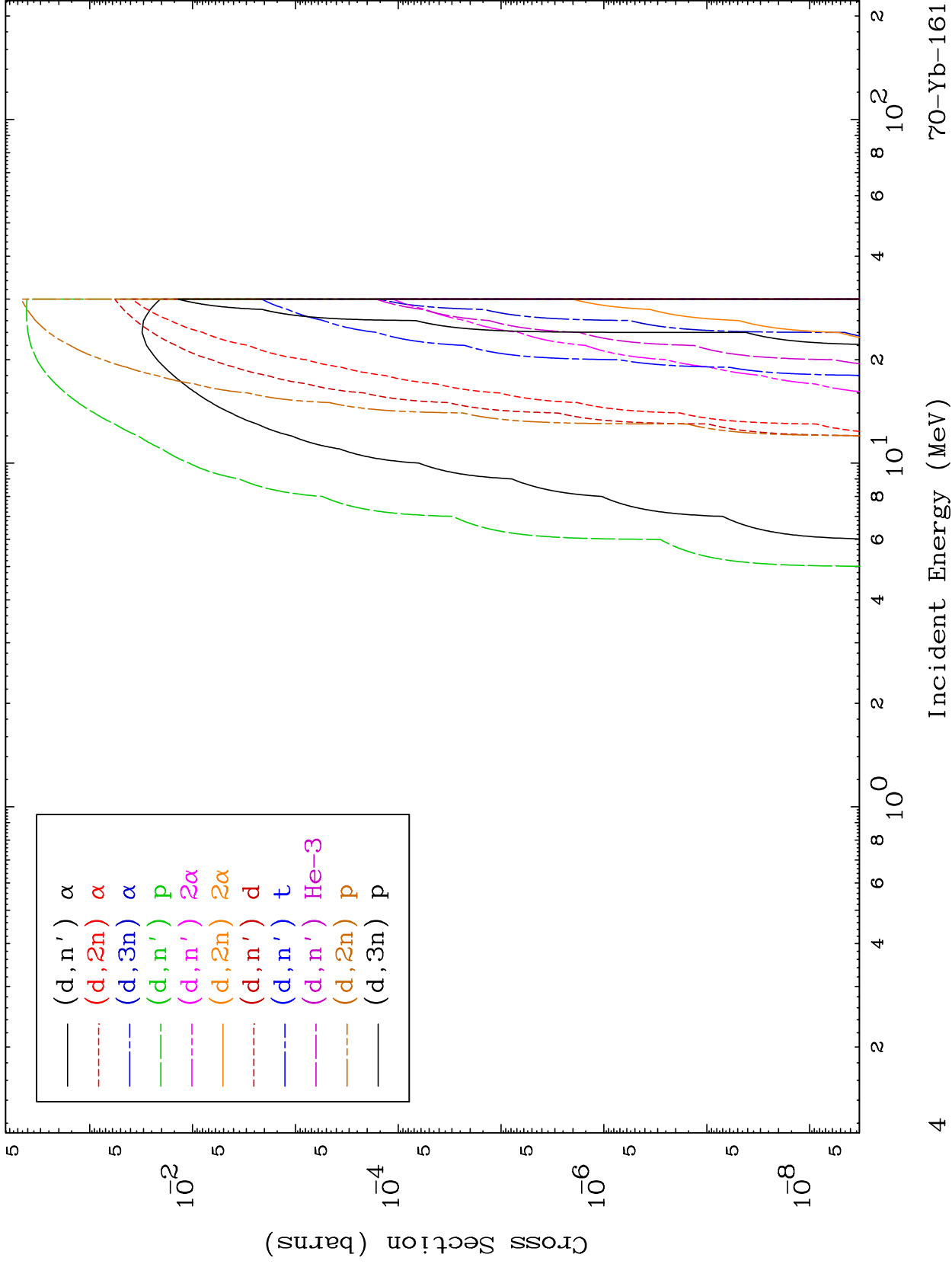


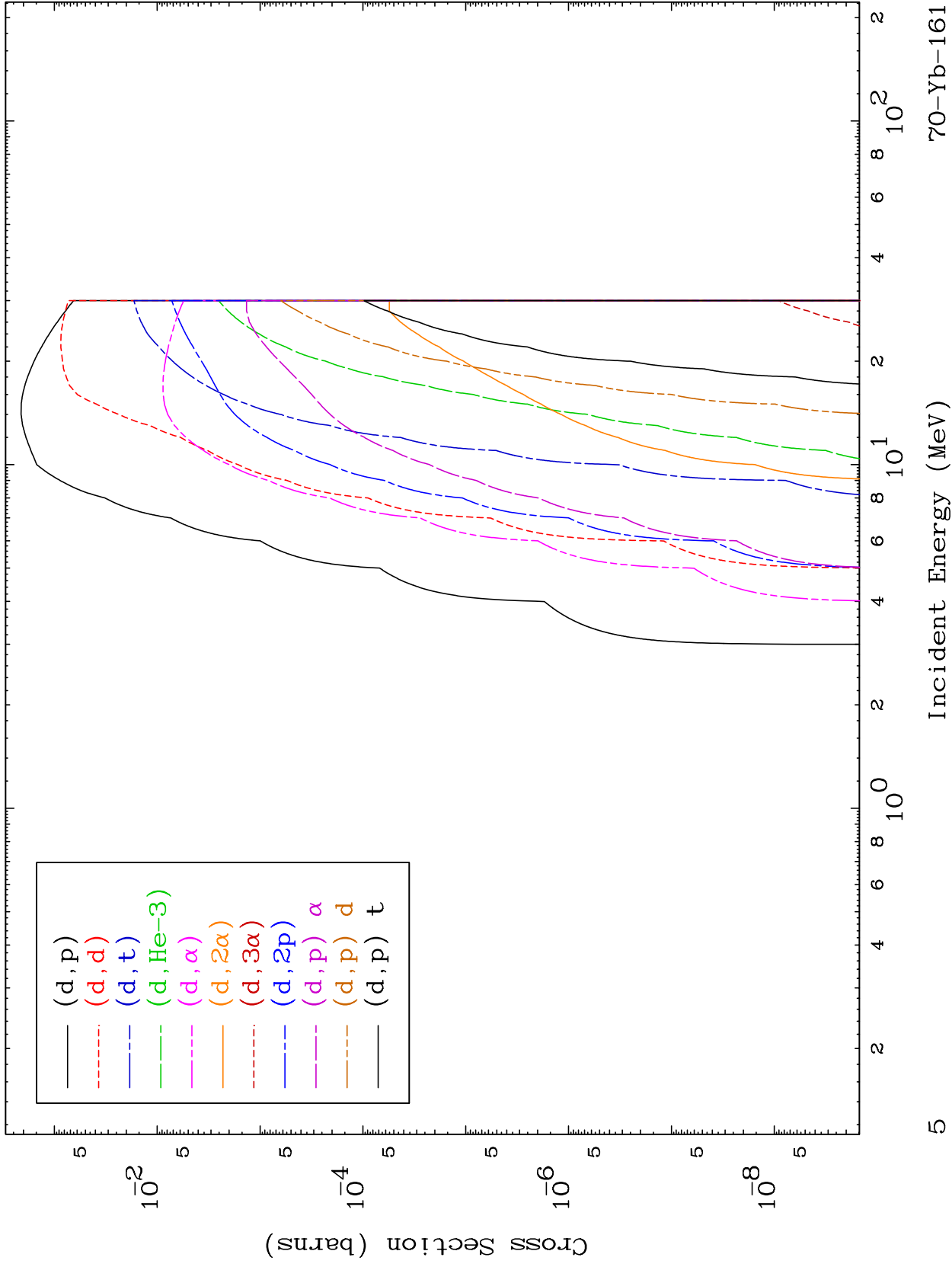


MAT 7004

Deuteron Charged Particle
0 Kelvin Cross Sections

70-Yb-161



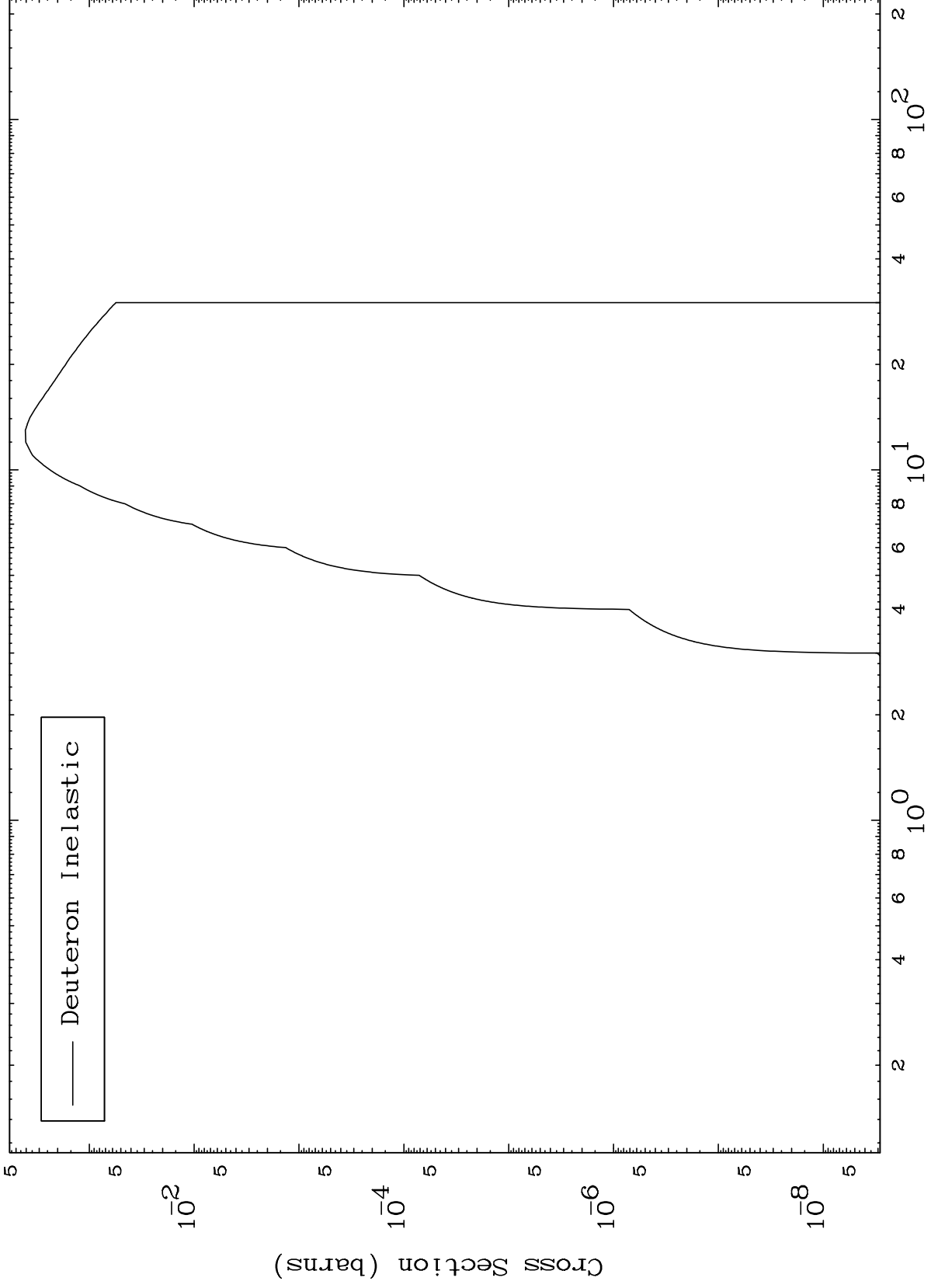


MAT 7004

(d, n') Level

70-Yb-161

0 Kelvin Cross Sections

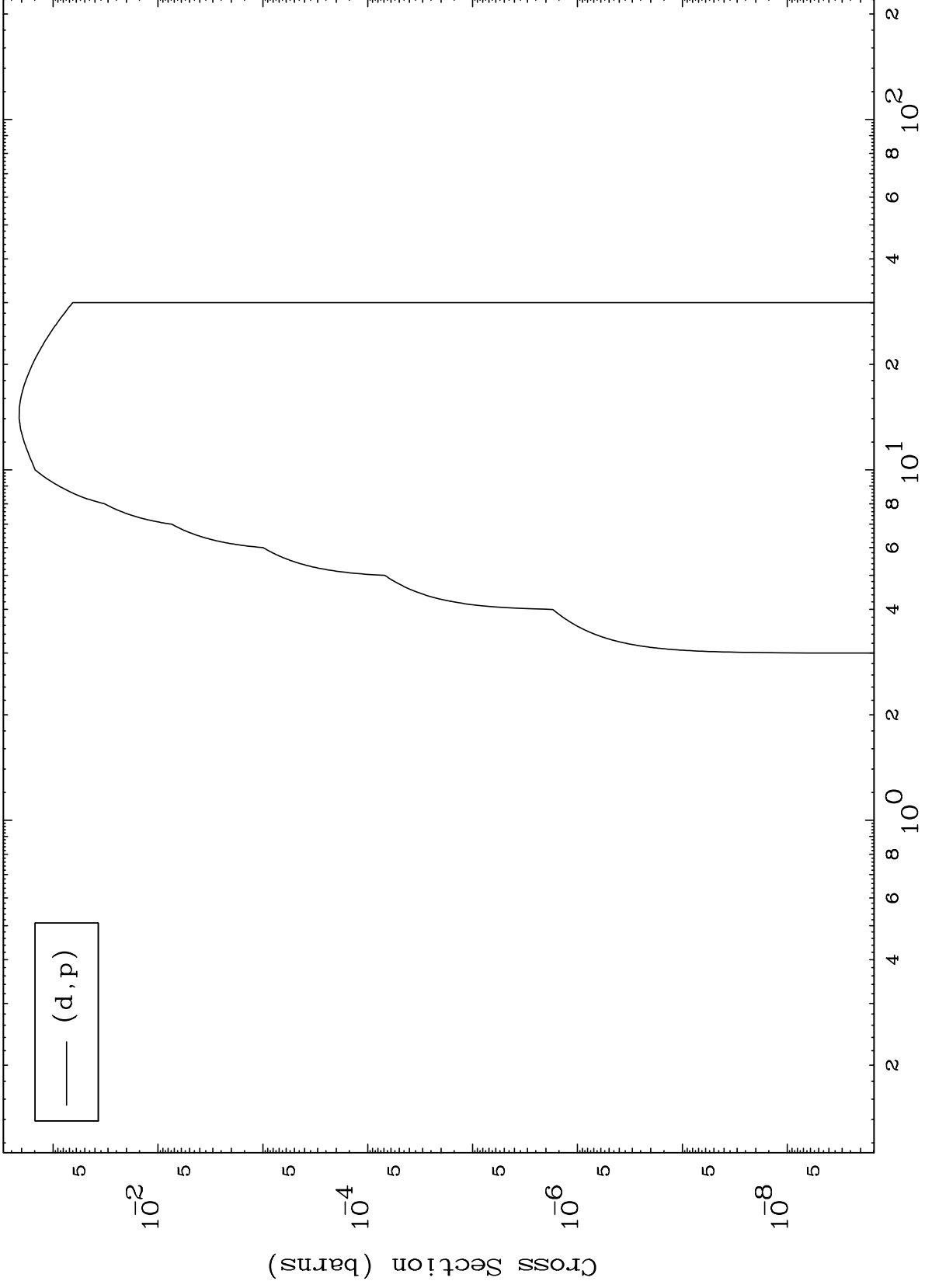


— Deuteron Inelastic

MAT 7004

70-Yb-161

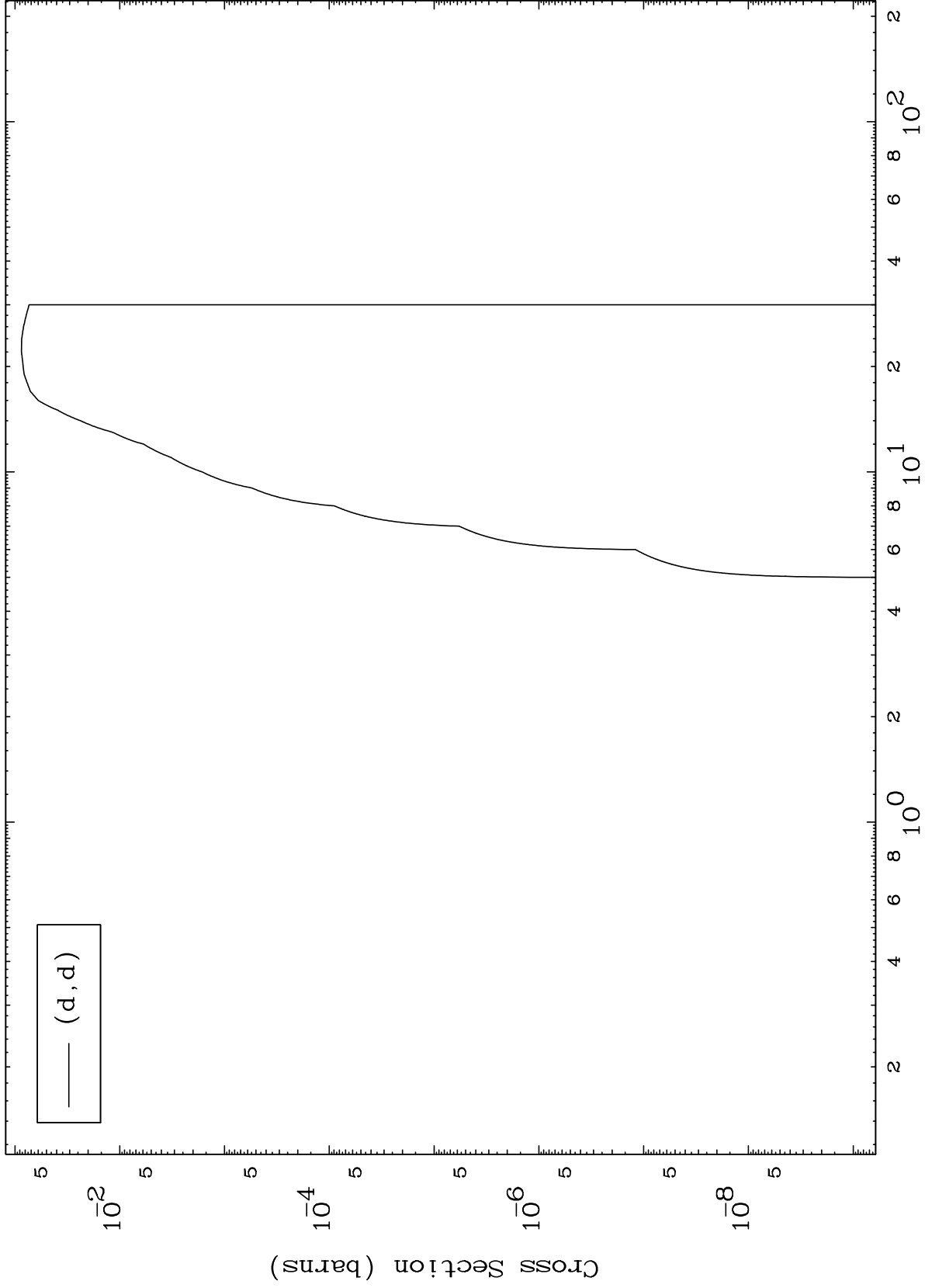
(d,p) Levels
0 Kelvin Cross Sections



MAT 7004

(d,d) Levels
0 Kelvin Cross Sections

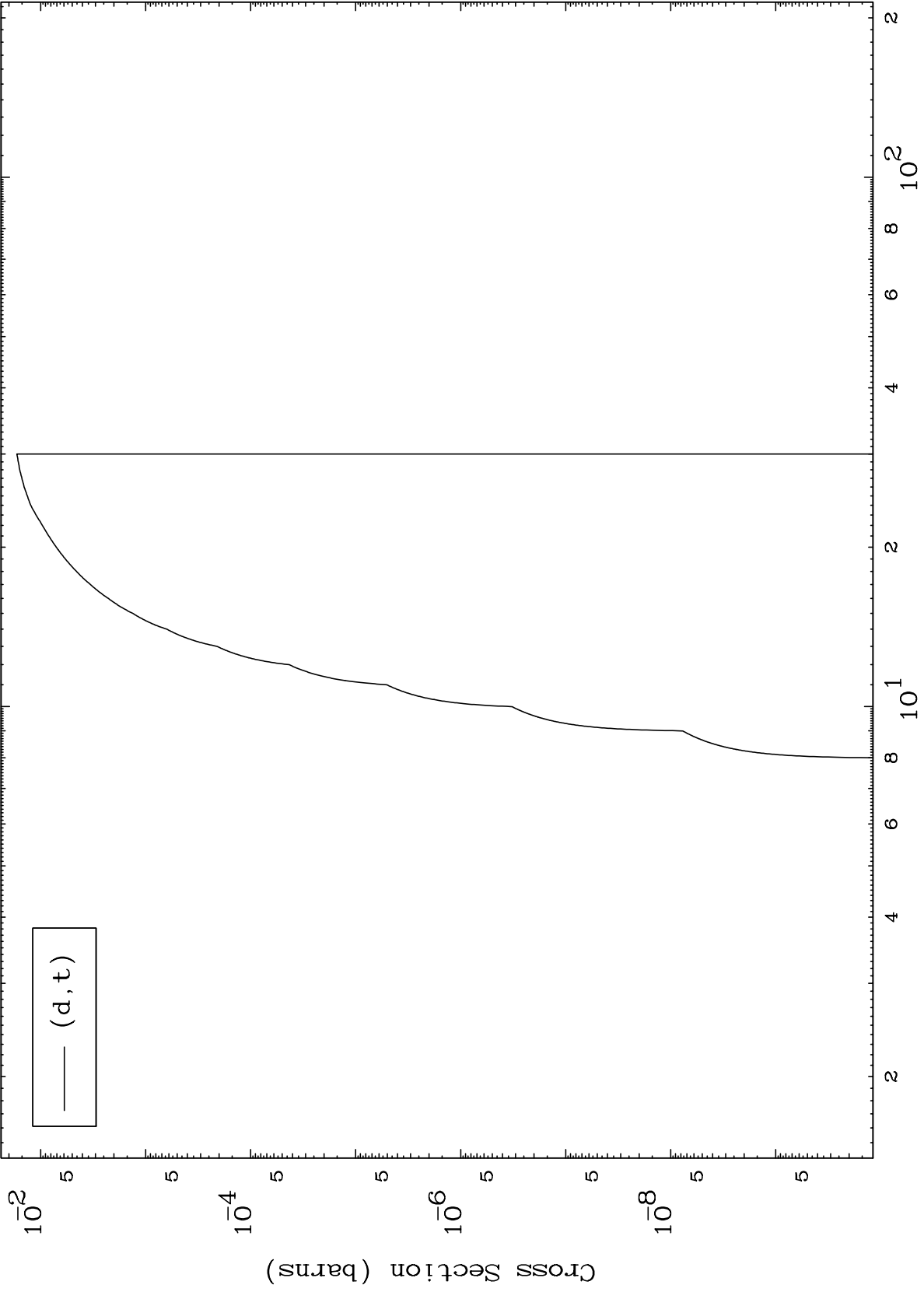
70-Yb-161



MAT 7004

(d,t) Levels
0 Kelvin Cross Sections

70-Yb-161

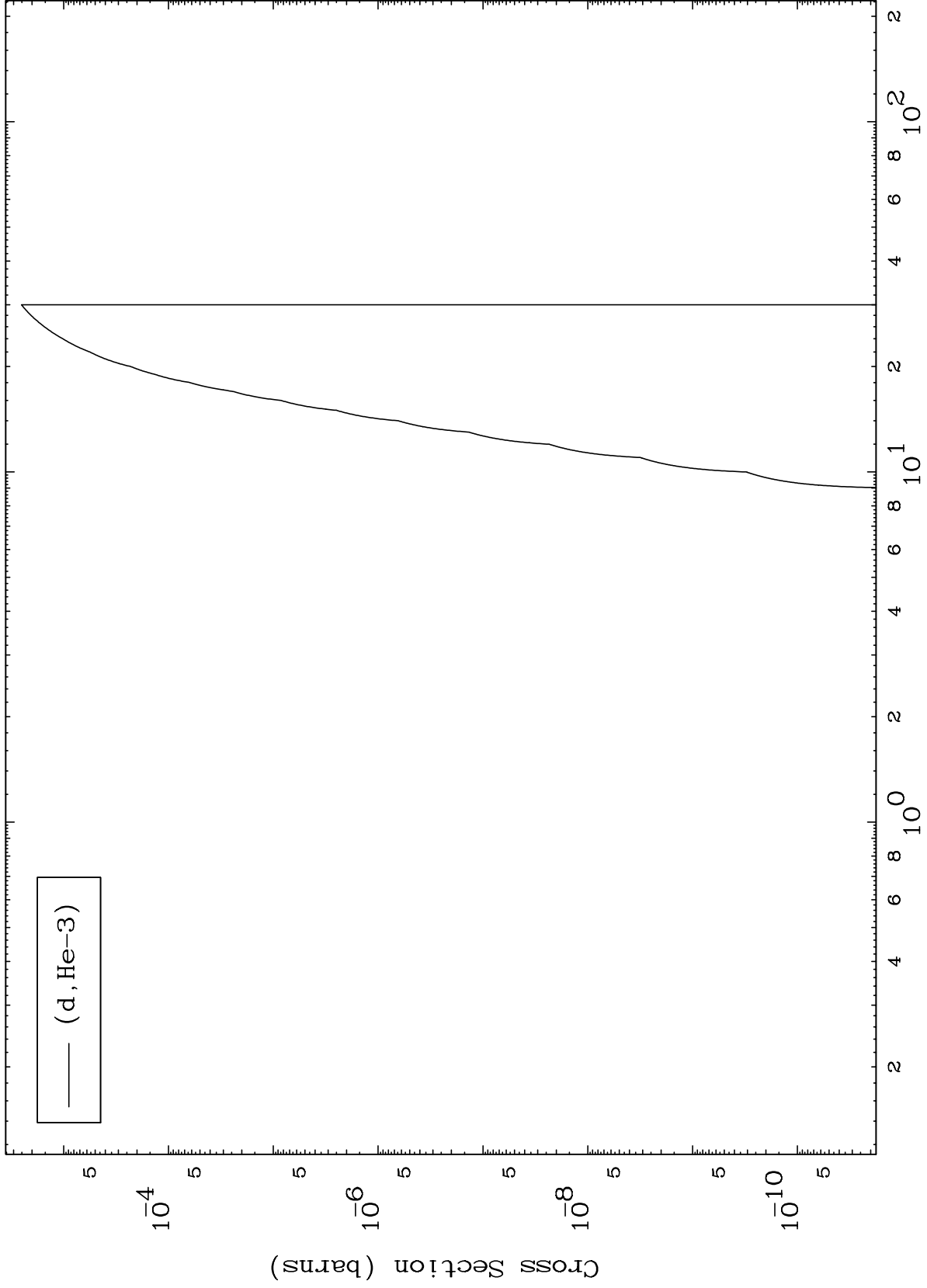


MAT 7004

(d,He3) Levels

70-Yb-161

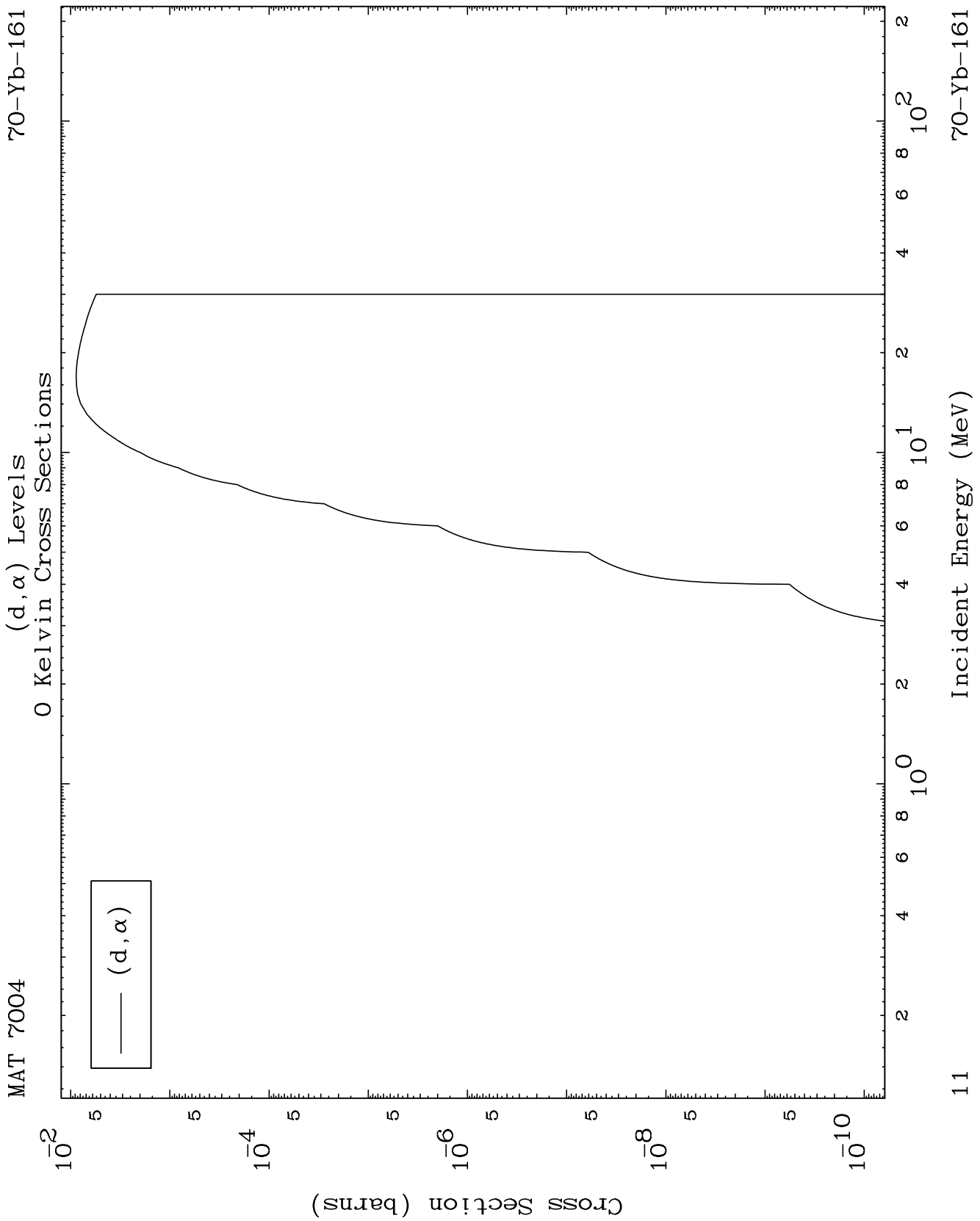
0 Kelvin Cross Sections



10

Incident Energy (MeV)

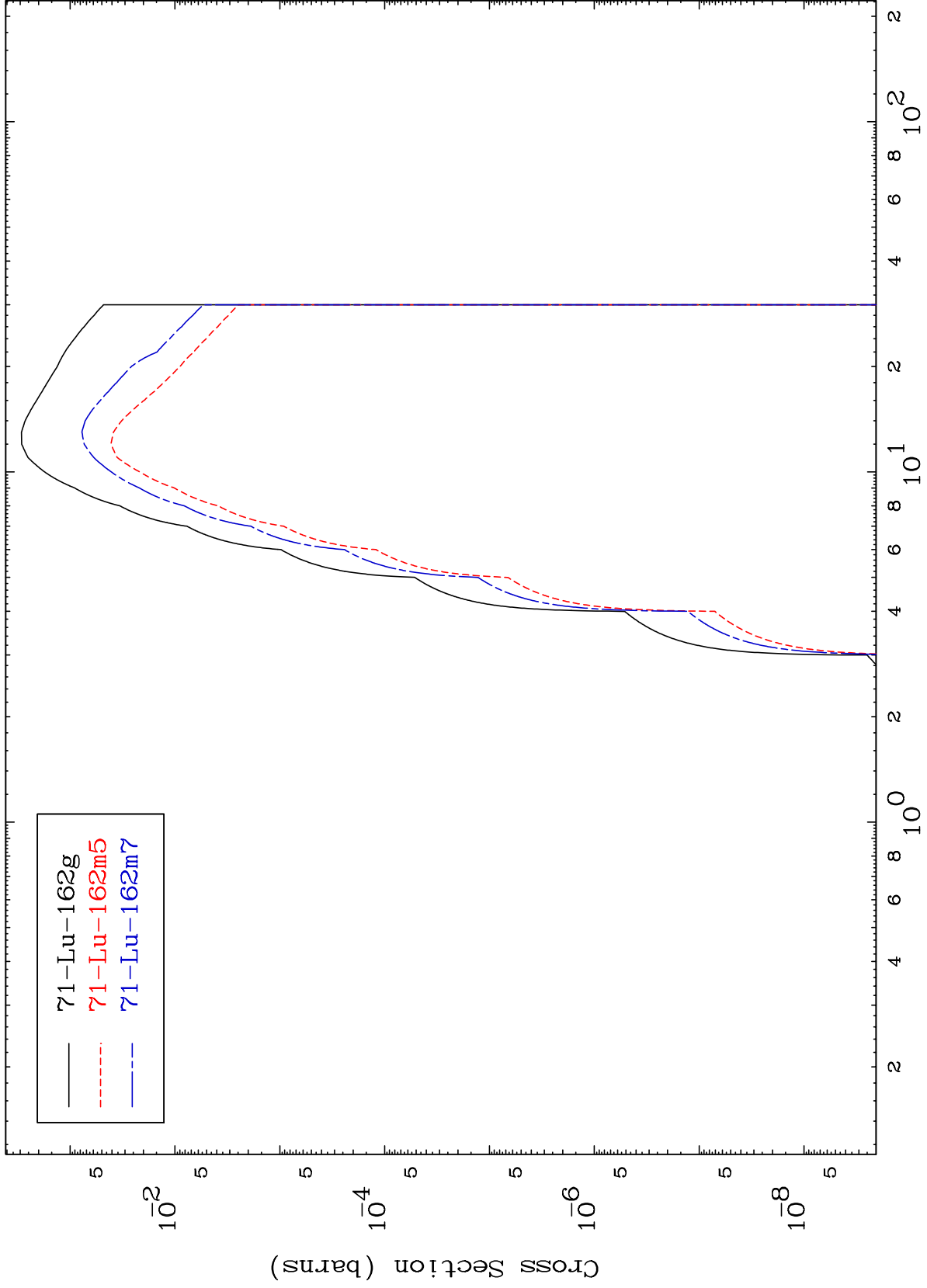
70-Yb-161



MAT 7004

Deuteron Inelastic
Radionuclide Production Cross Section

70-Yb-161



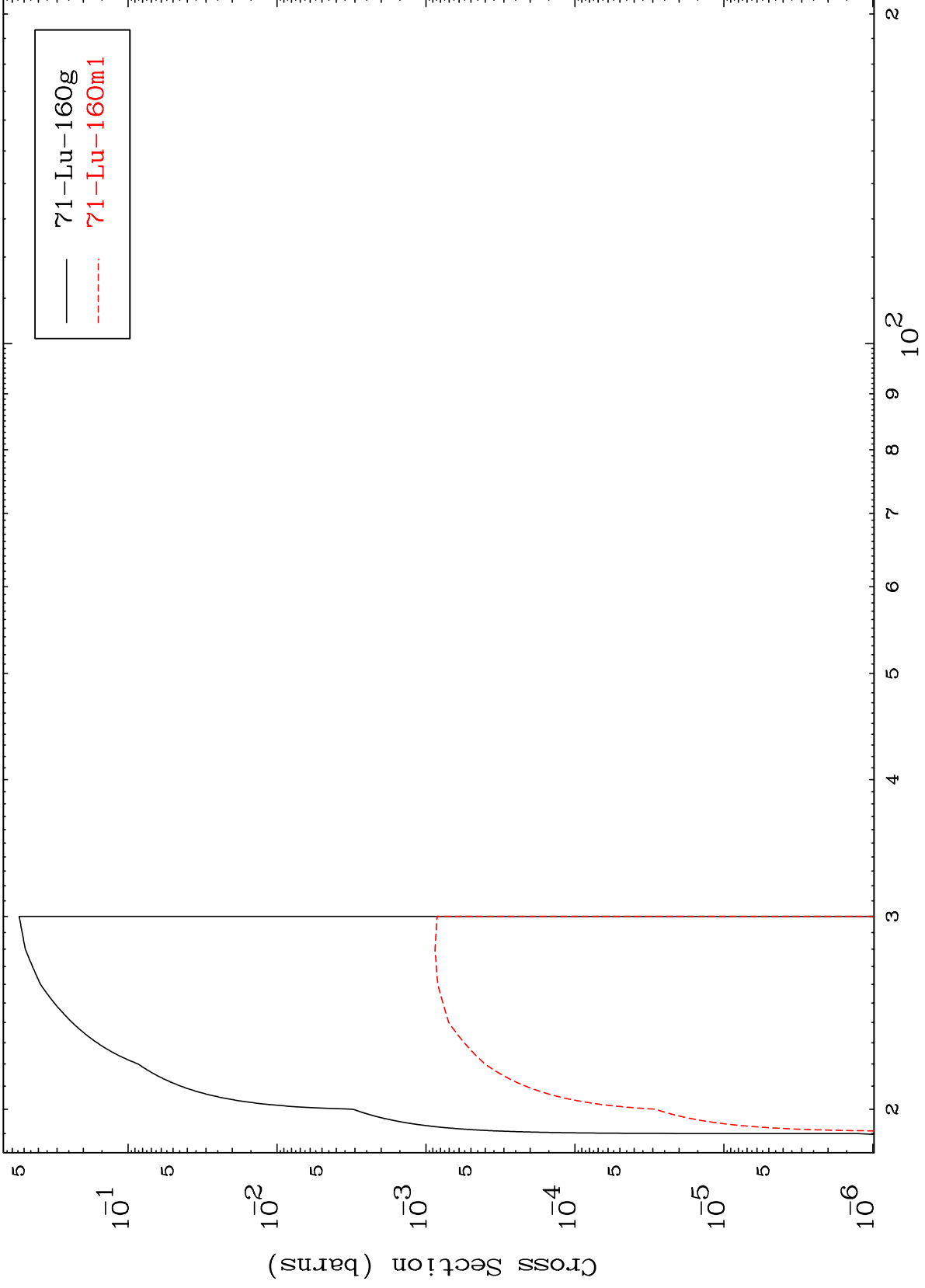
71-Lu-162g
71-Lu-162m5
71-Lu-162m7

MAT 7004

(d,3n)

70-Yb-161

Radionuclide Production Cross Section

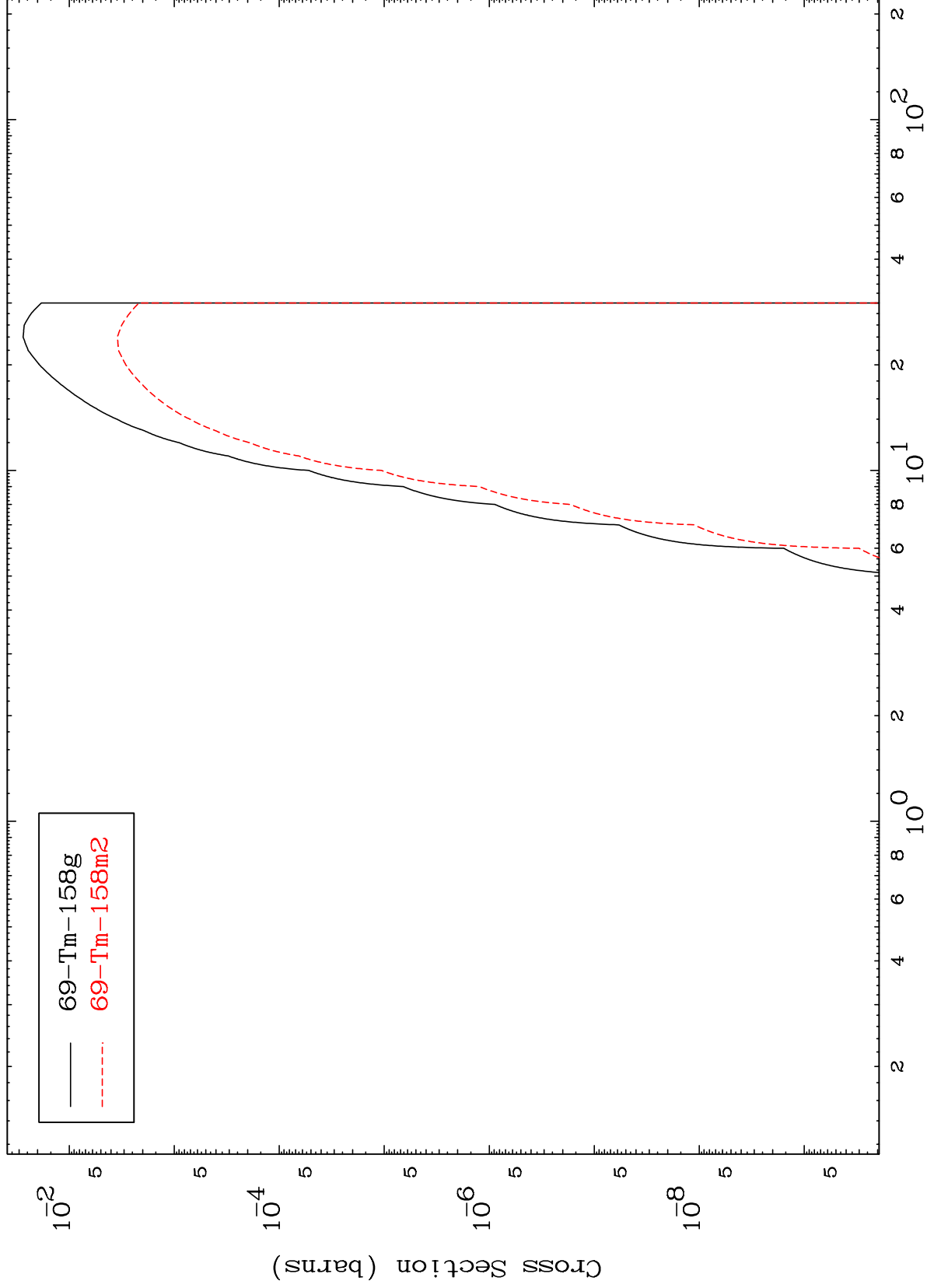


MAT 7004

(d,n') α

70-Yb-161

Radionuclide Production Cross Section



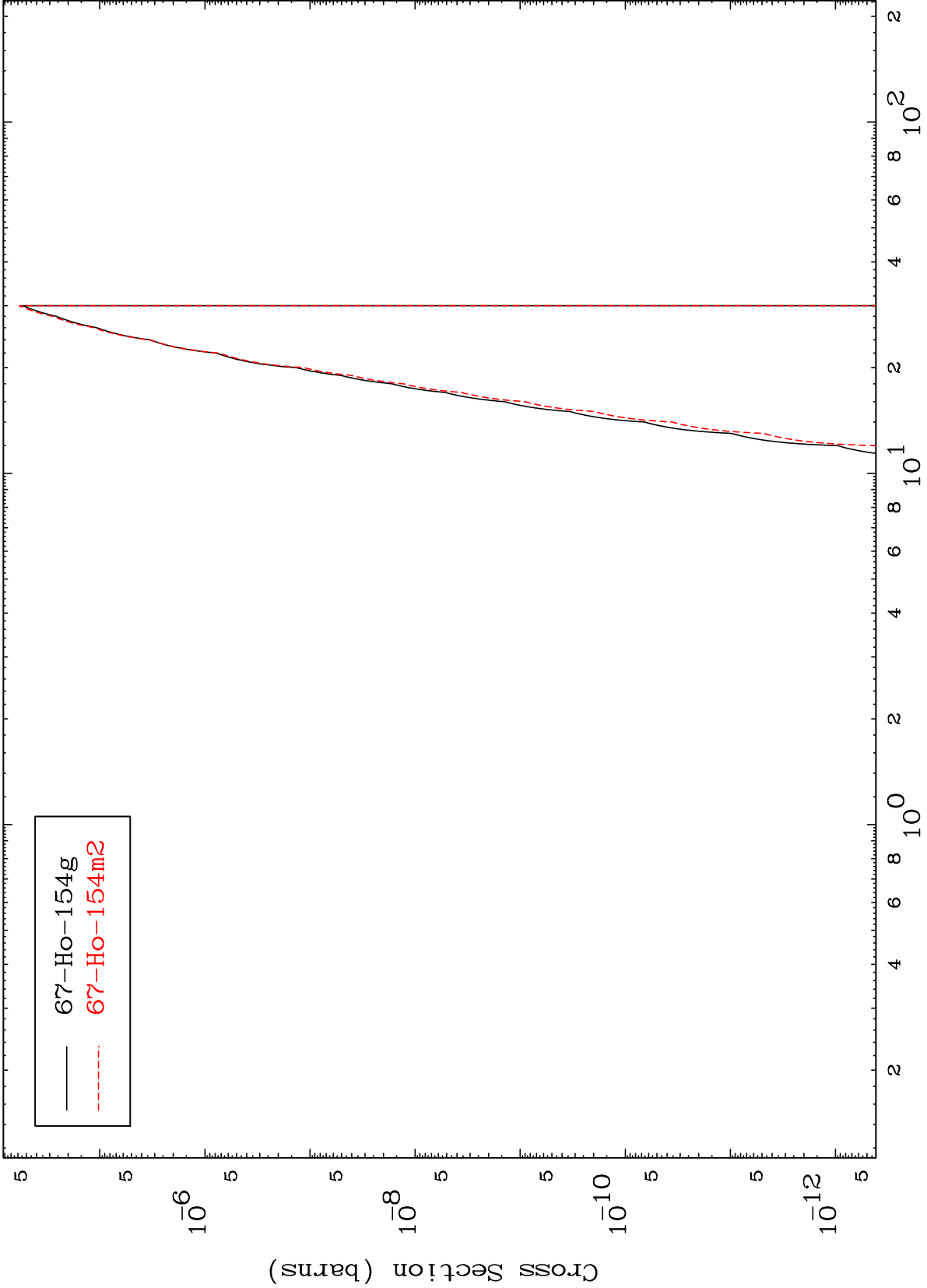
69-Tm-158g
69-Tm-158m2

MAT 7004

(d,n') 2α

70-Yb-161

Radionuclide Production Cross Section



15

Incident Energy (MeV)

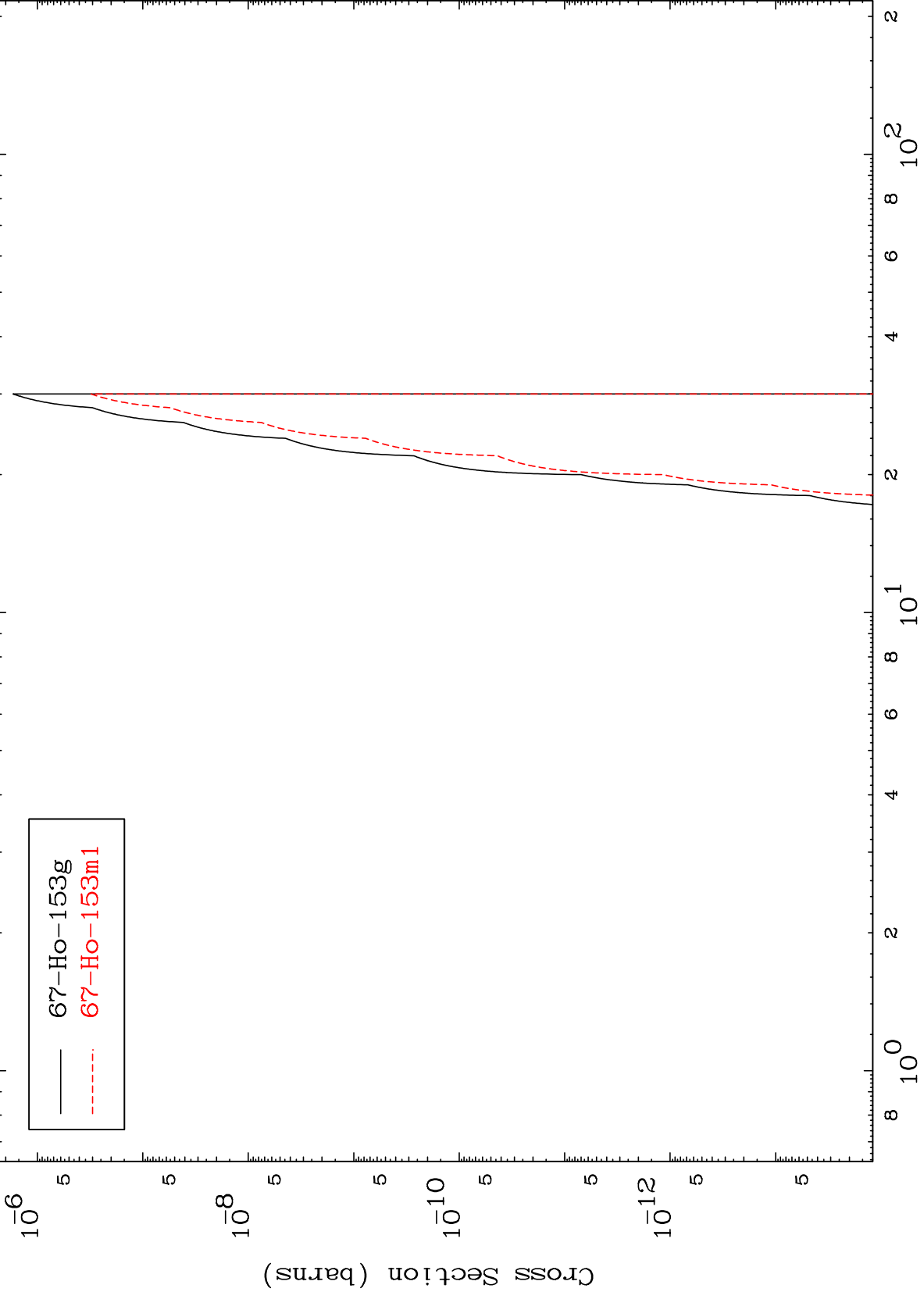
70-Yb-161

MAT 7004

(d,2n) 2α

$^{70}\text{Yb-161}$

Radionuclide Production Cross Section



16

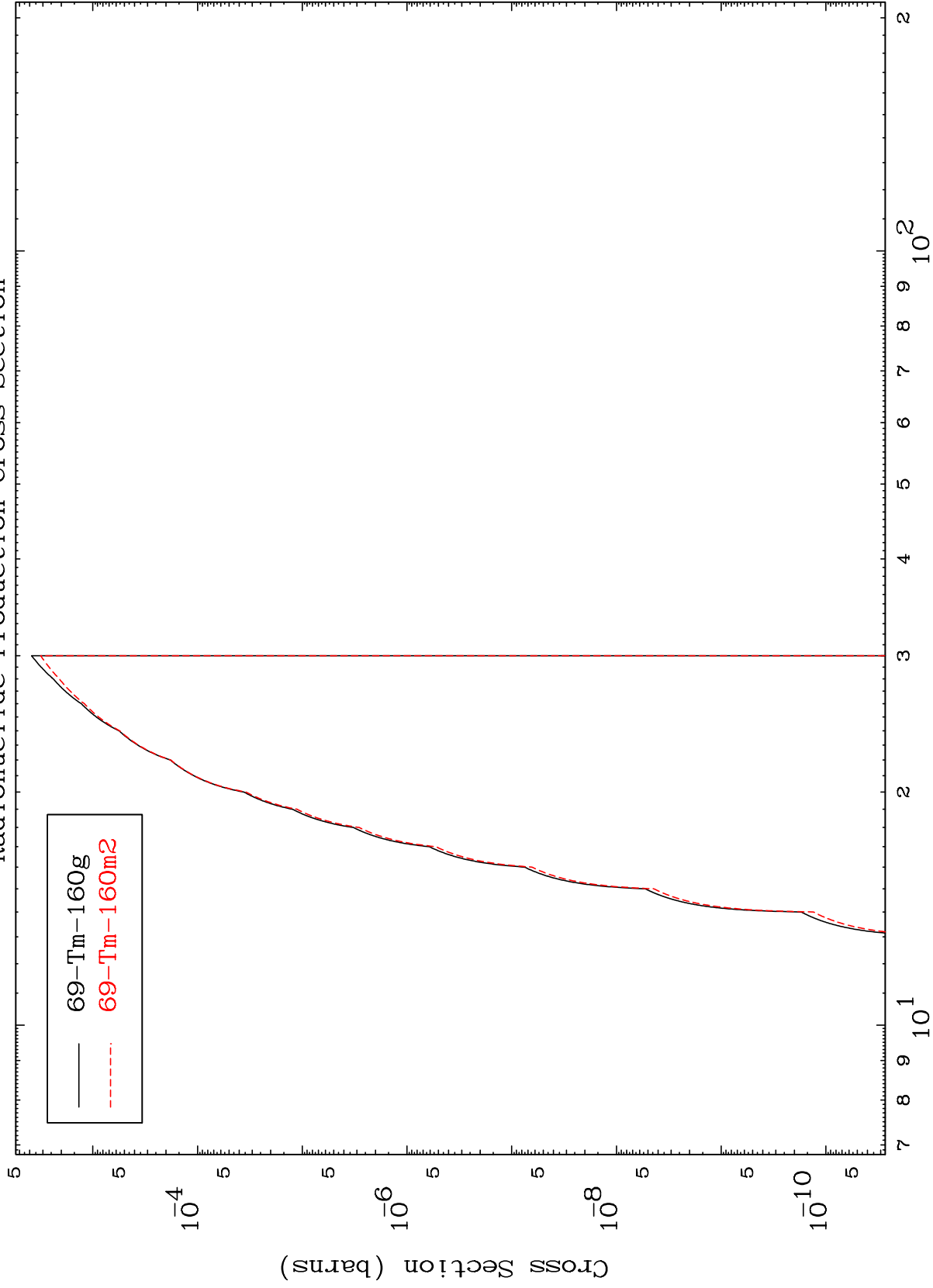
Incident Energy (MeV)

$^{70}\text{Yb-161}$

MAT 7004

70-Yb-161

(d,2n) p
Radionuclide Production Cross Section



17

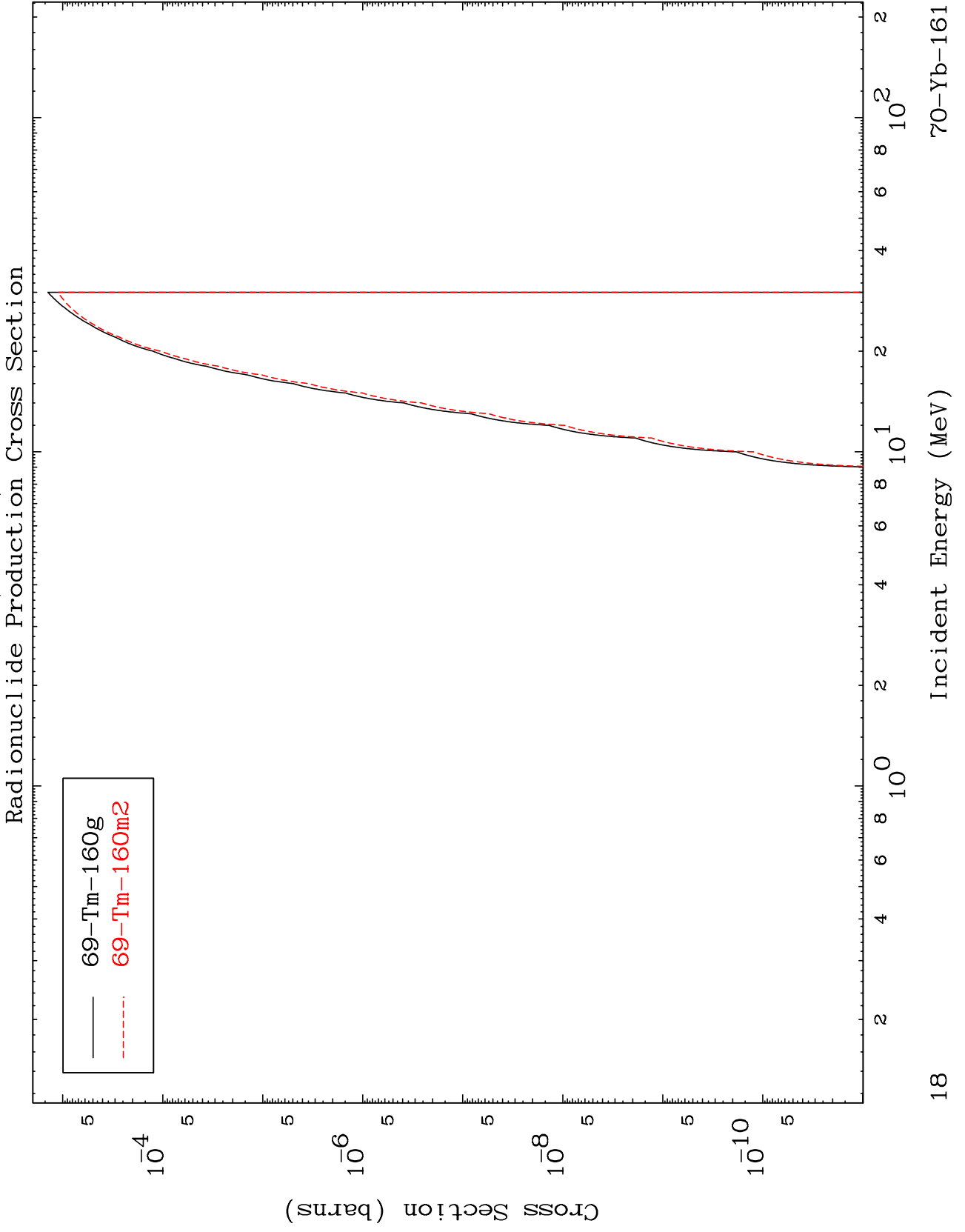
Incident Energy (MeV)

70-Yb-161

MAT 7004

(d,He-3)

70-Yb-161

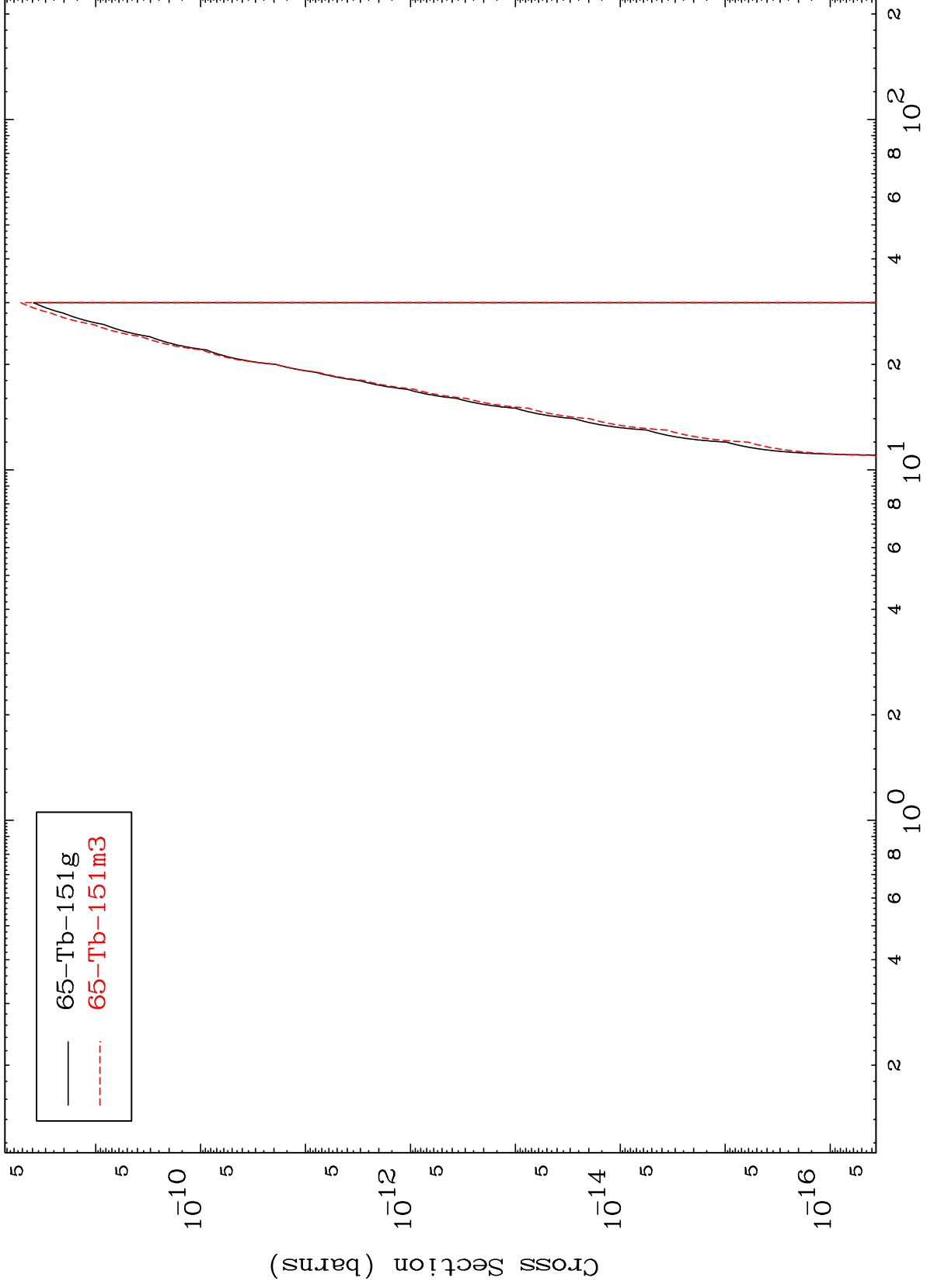


MAT 7004

(d,3 α)

70-Yb-161

Radionuclide Production Cross Section



65-Tb-151g
65-Tb-151m3

19

Incident Energy (MeV)

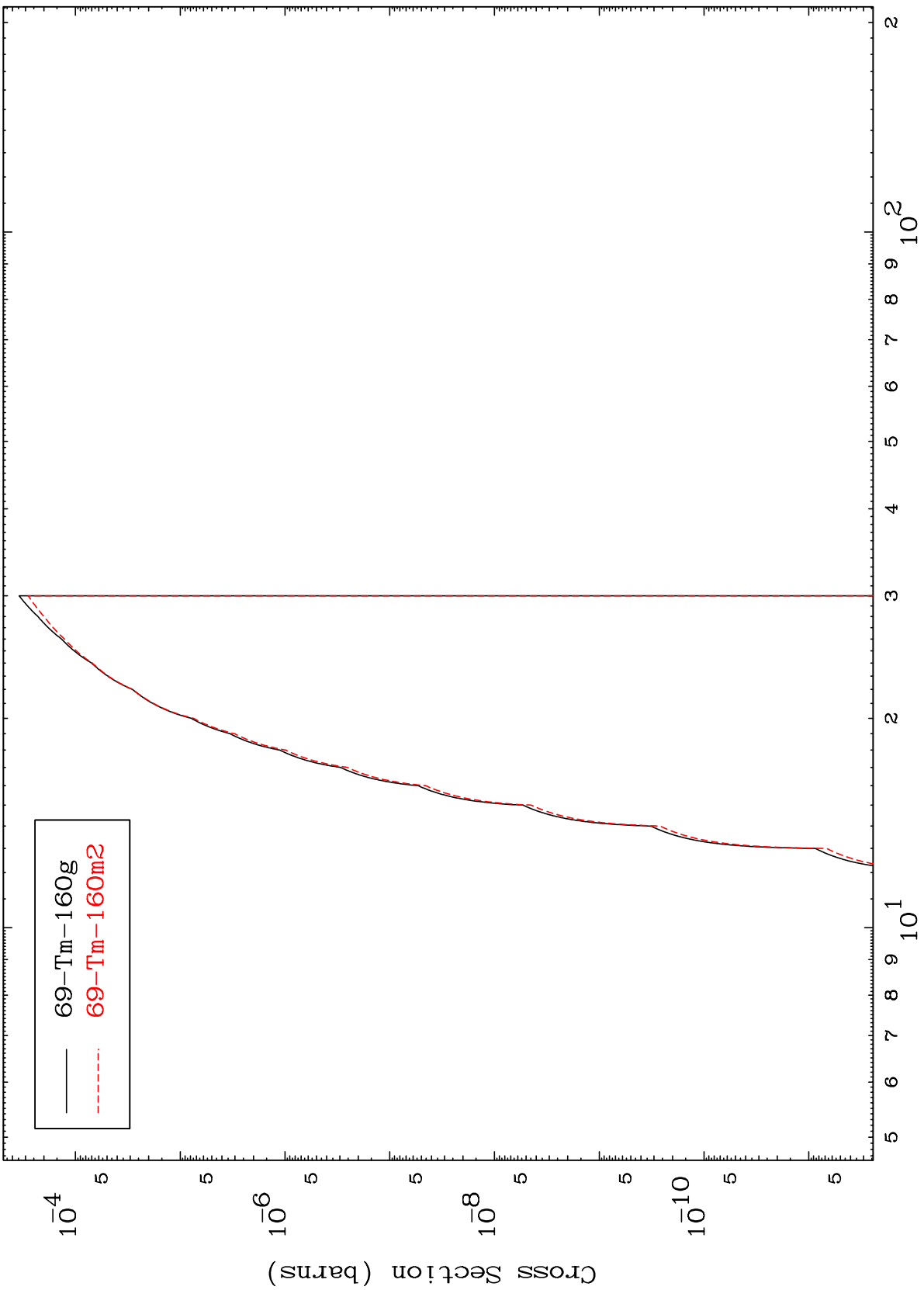
70-Yb-161

MAT 7004

(d,p) d

70-Yb-161

Radionuclide Production Cross Section



Legend:
— 69-Tm-160g
- - - 69-Tm-160m2

20

Incident Energy (MeV)

70-Yb-161