

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

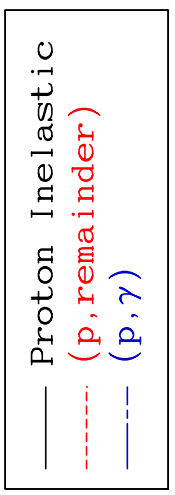
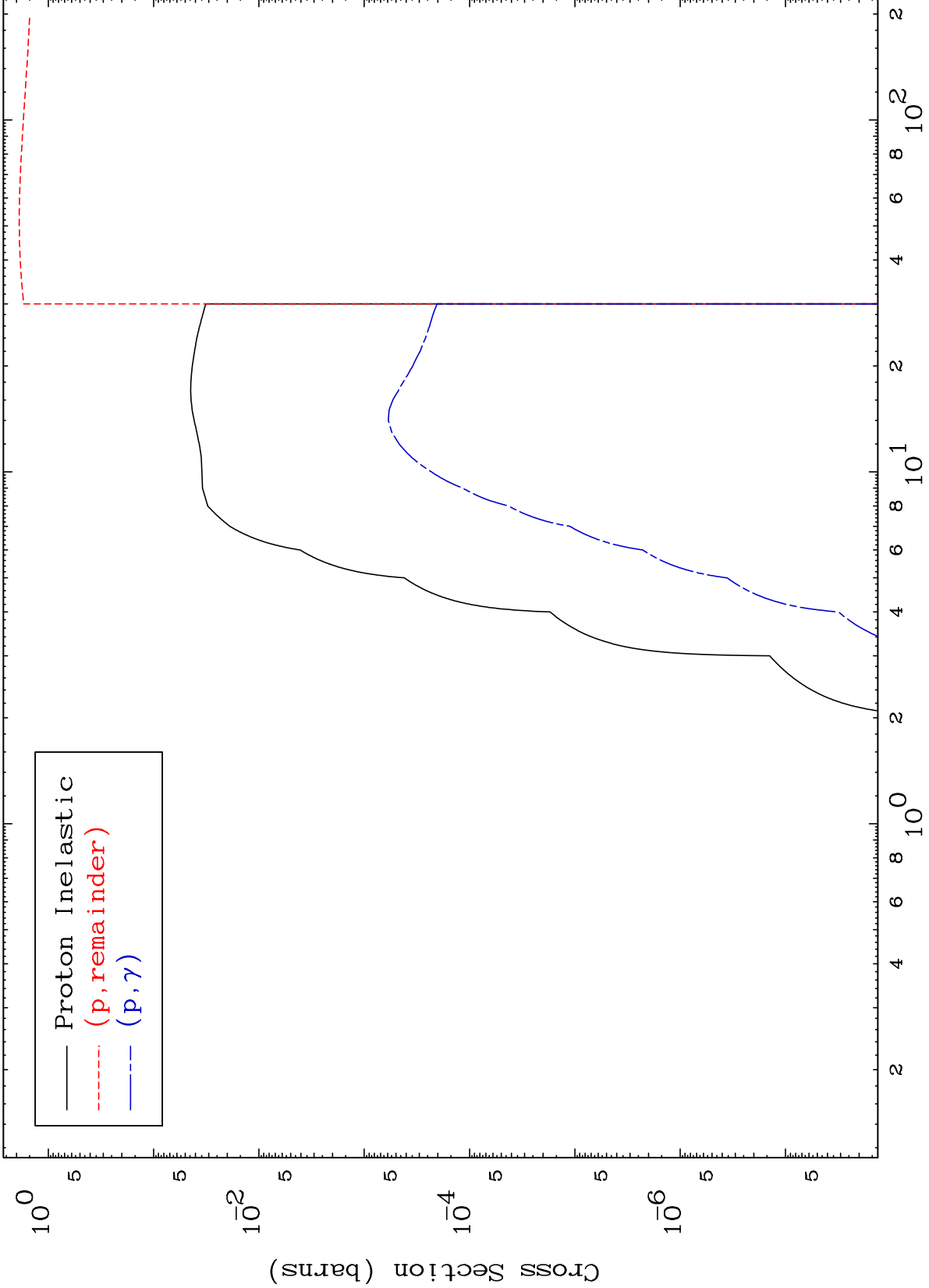
Press Mouse Button to Start

MAT 7050

Proton Major

70-Yb-176

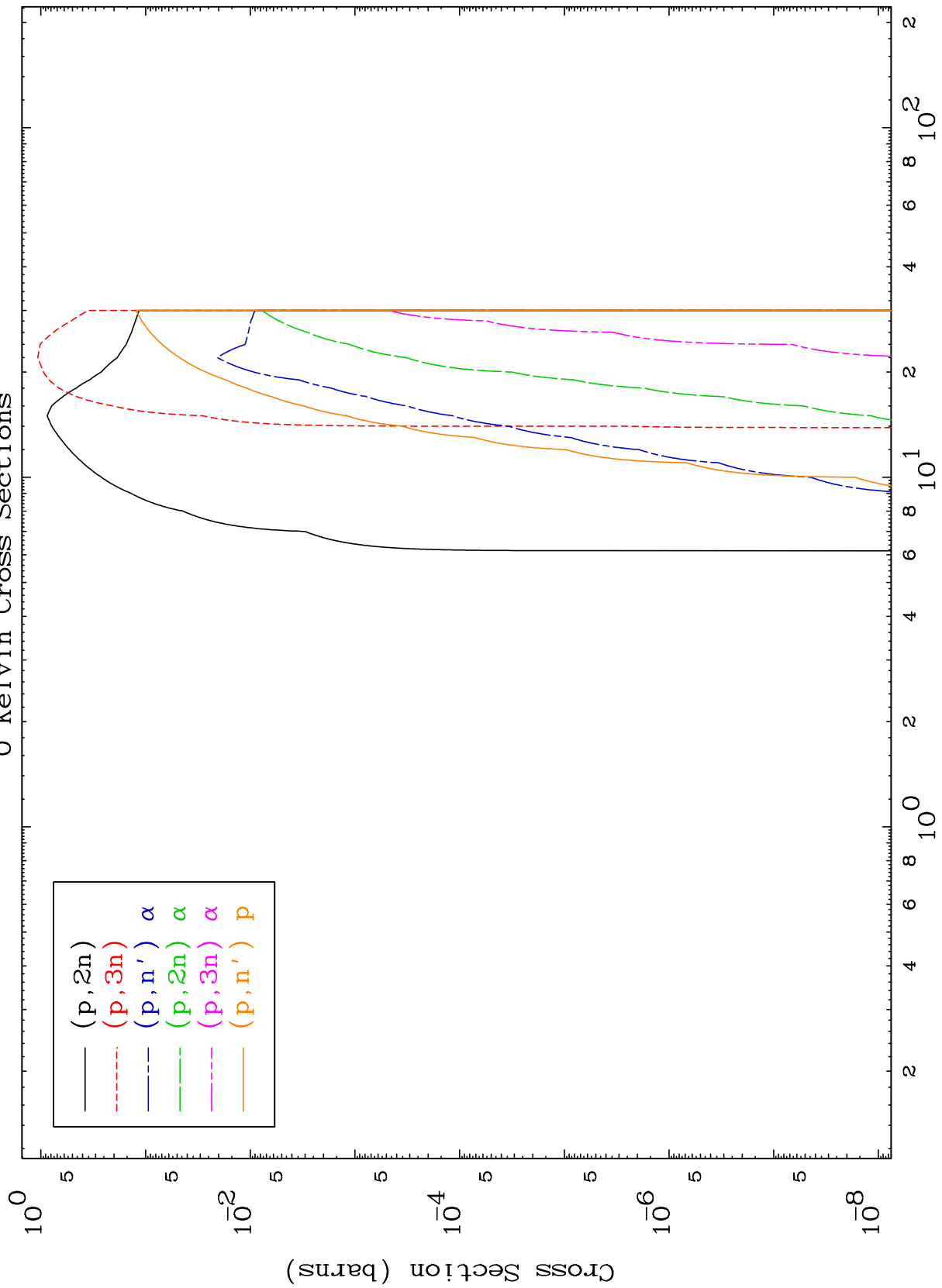
0 Kelvin Cross Sections



MAT 7050

Proton Neutron Production
0 Kelvin Cross Sections

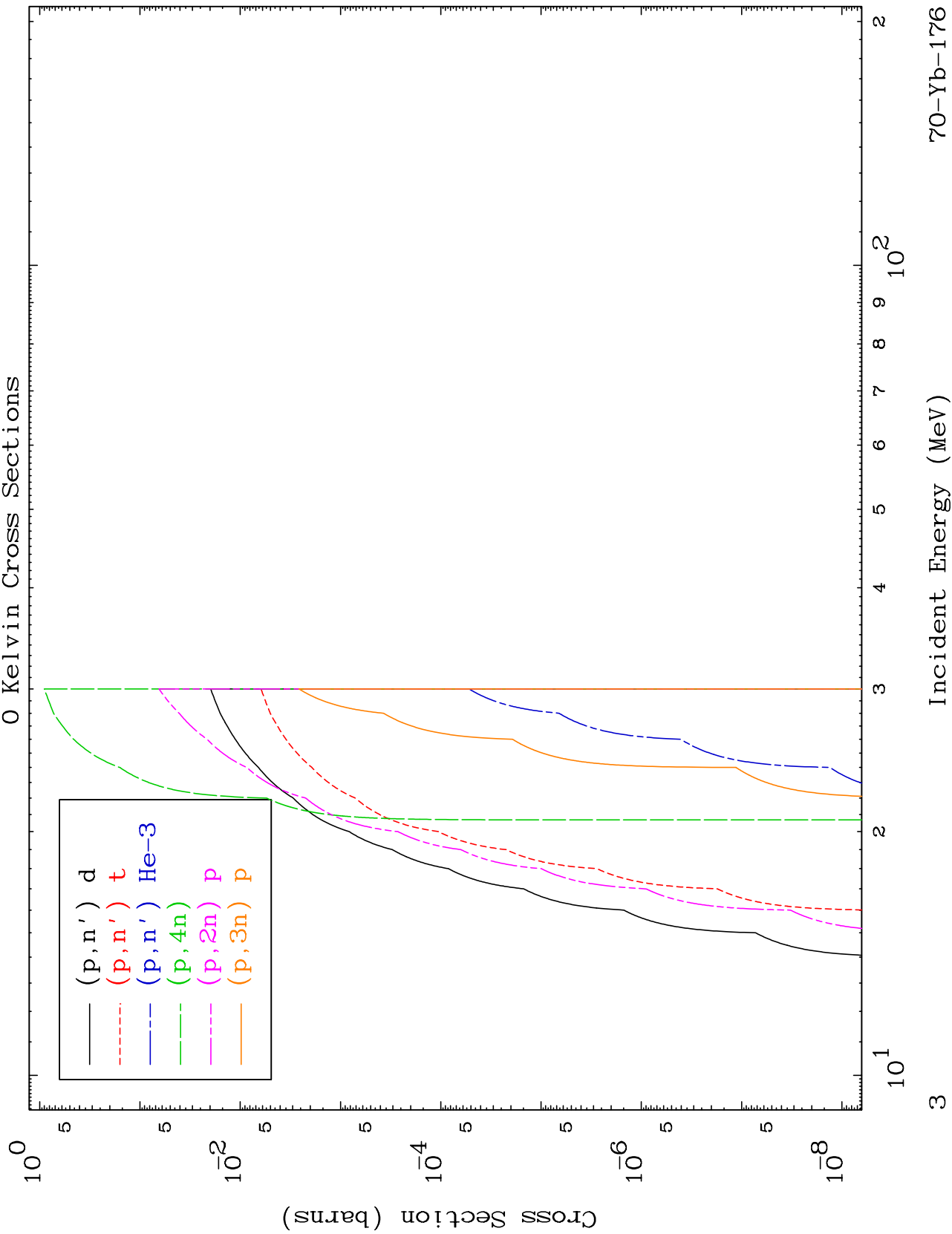
70-Yb-176



MAT 7050

Proton Neutron Production
0 Kelvin Cross Sections

70-Yb-176



70-Yb-176

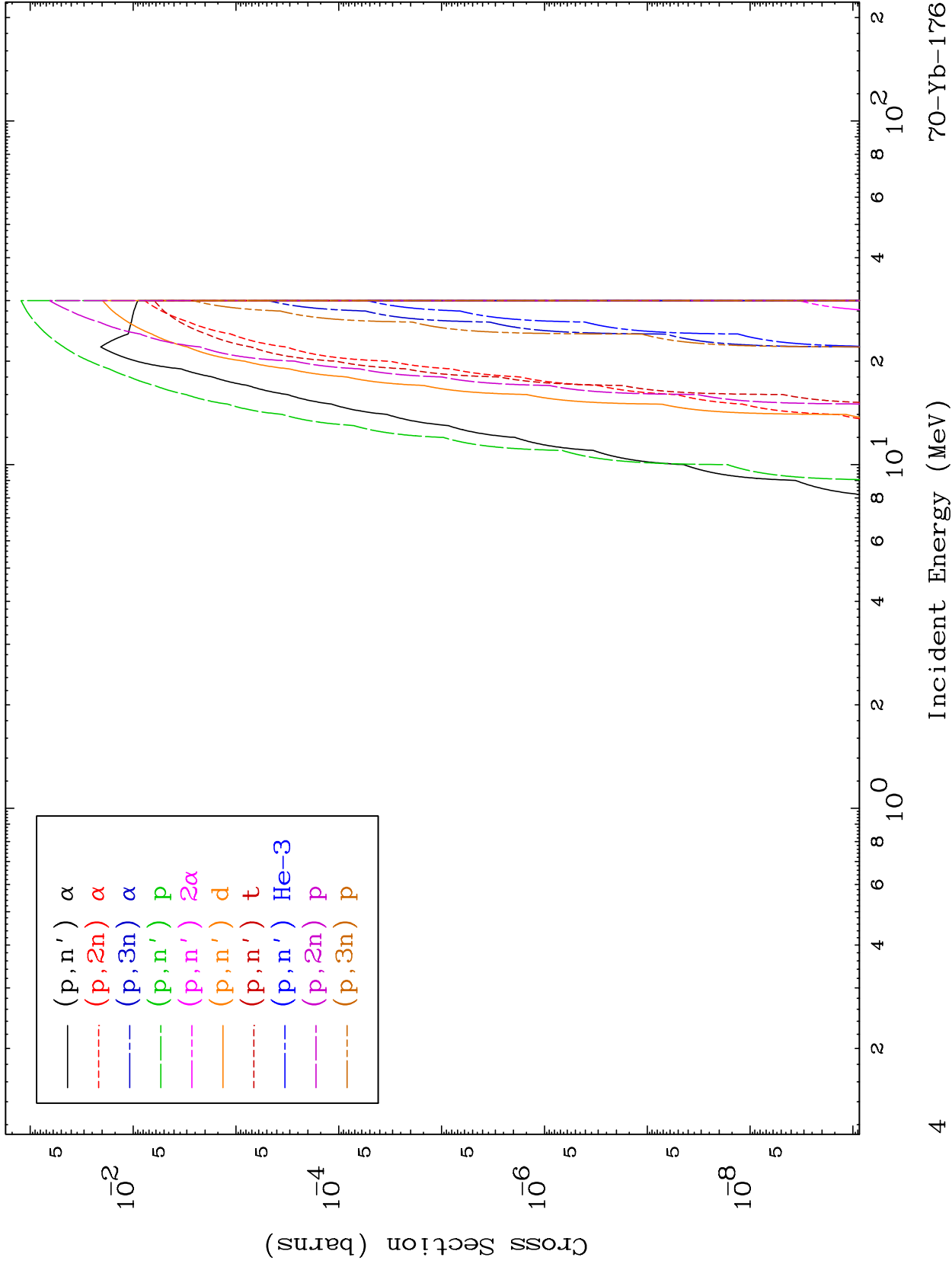
Incident Energy (MeV)

3

MAT 7050

Proton Charged Particle
0 Kelvin Cross Sections

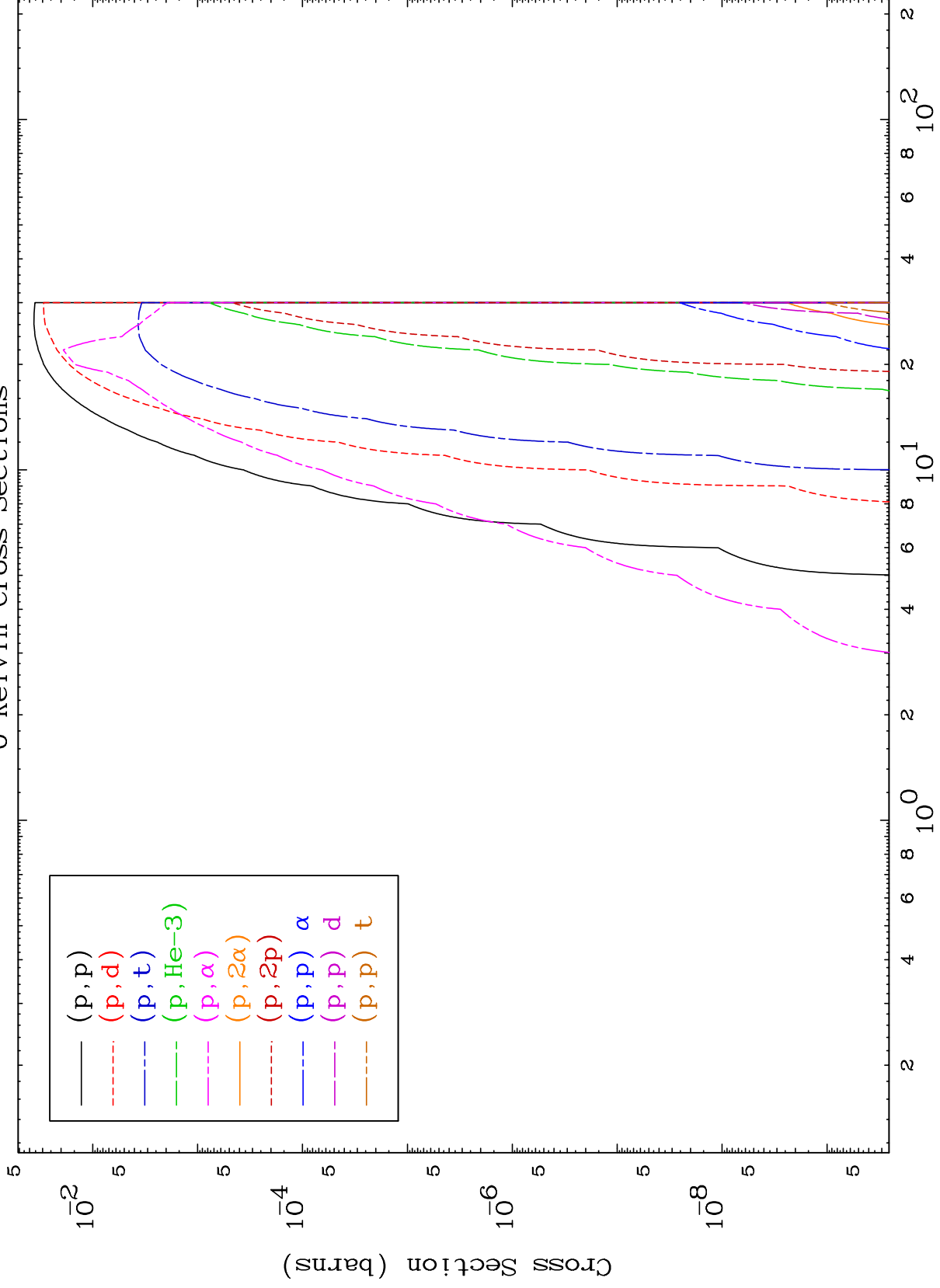
70-Yb-176



MAT 7050

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-176



5

Incident Energy (MeV)

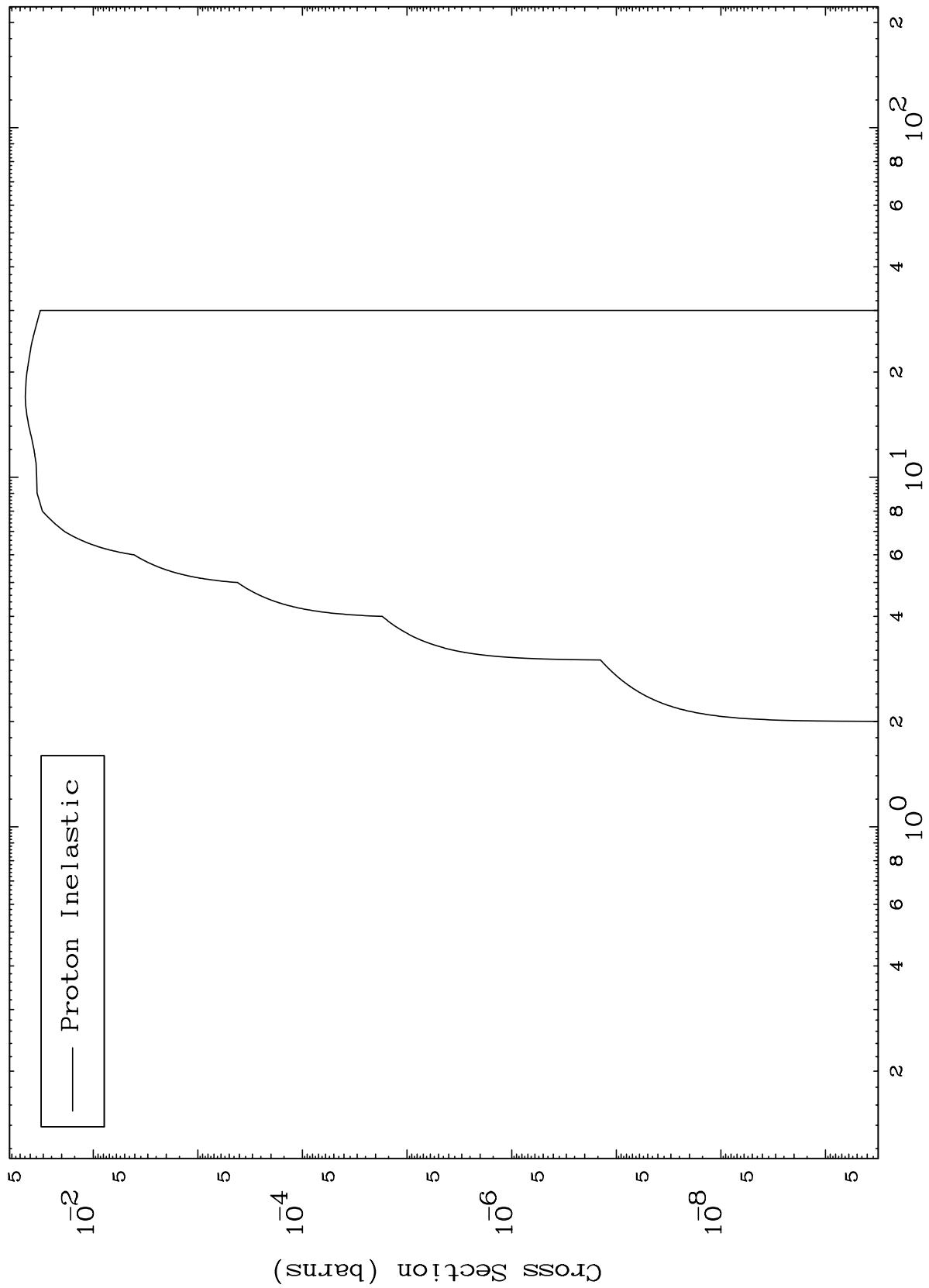
70-Yb-176

MAT 7050

(p,n') Level

70-Yb-176

0 Kelvin Cross Sections

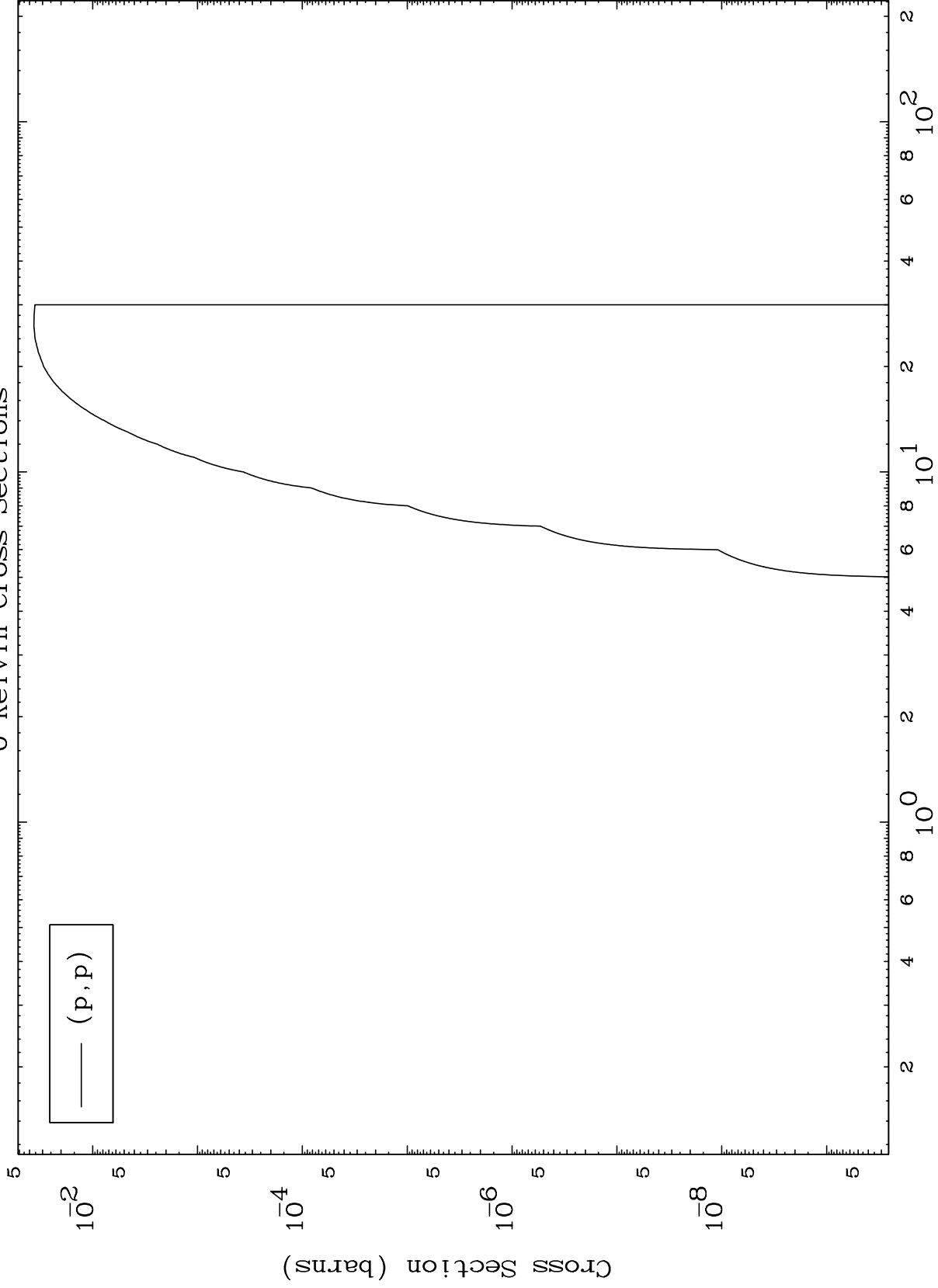


MAT 7050

(p,p) Levels

70-Yb-176

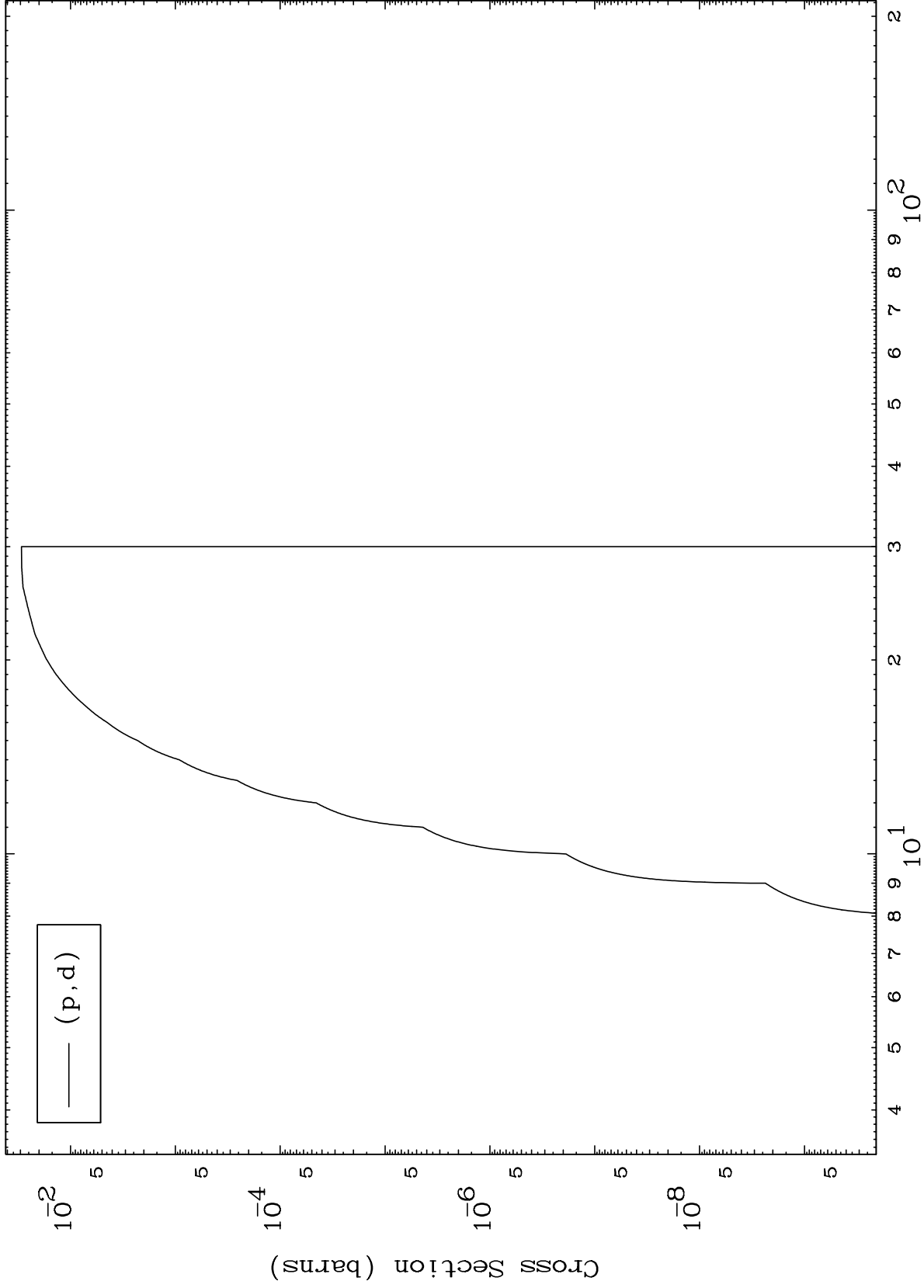
0 Kelvin Cross Sections



MAT 7050

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-176



8

Incident Energy (MeV)

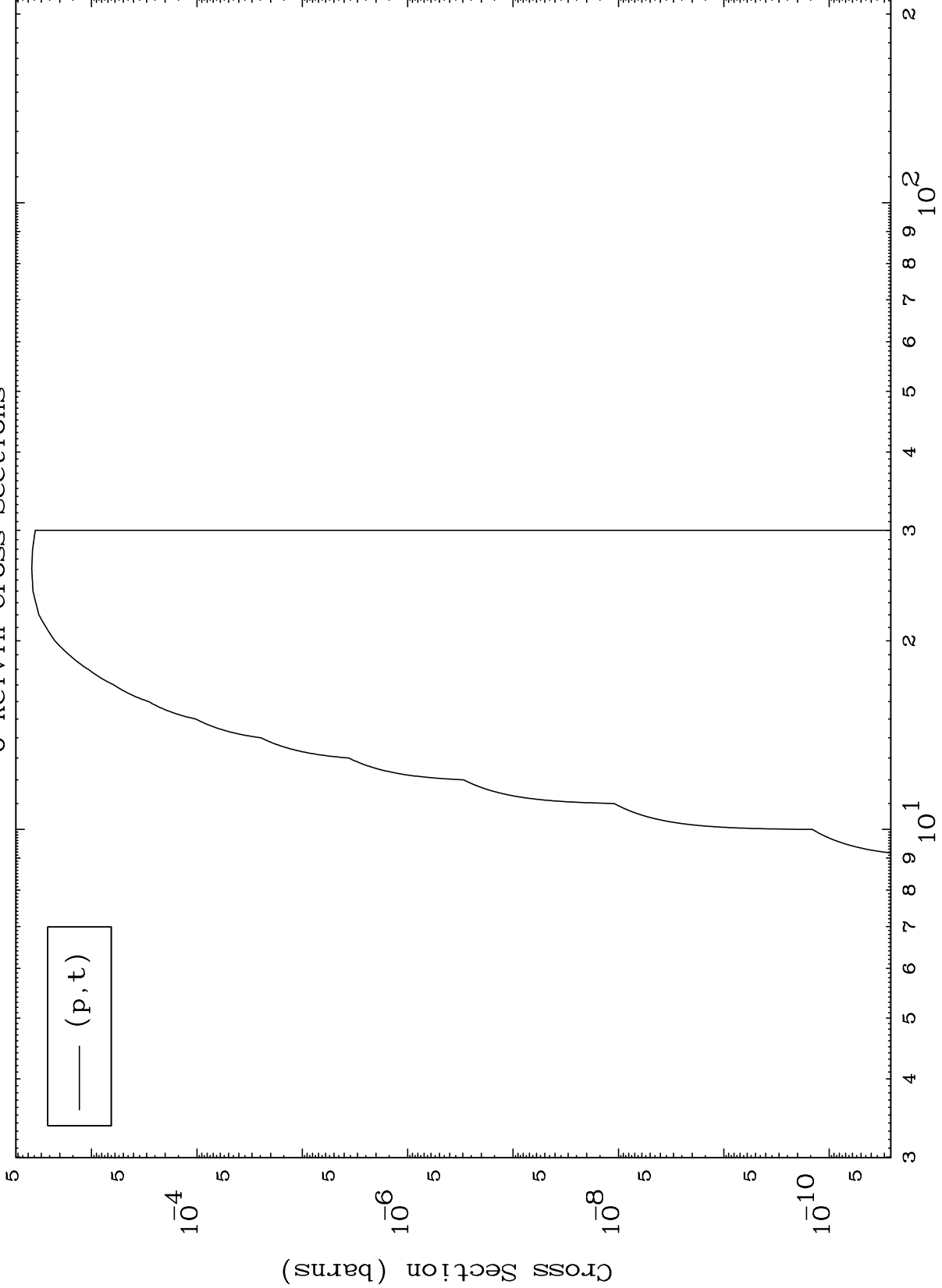
70-Yb-176

MAT 7050

(p, t) Levels

70-Yb-176

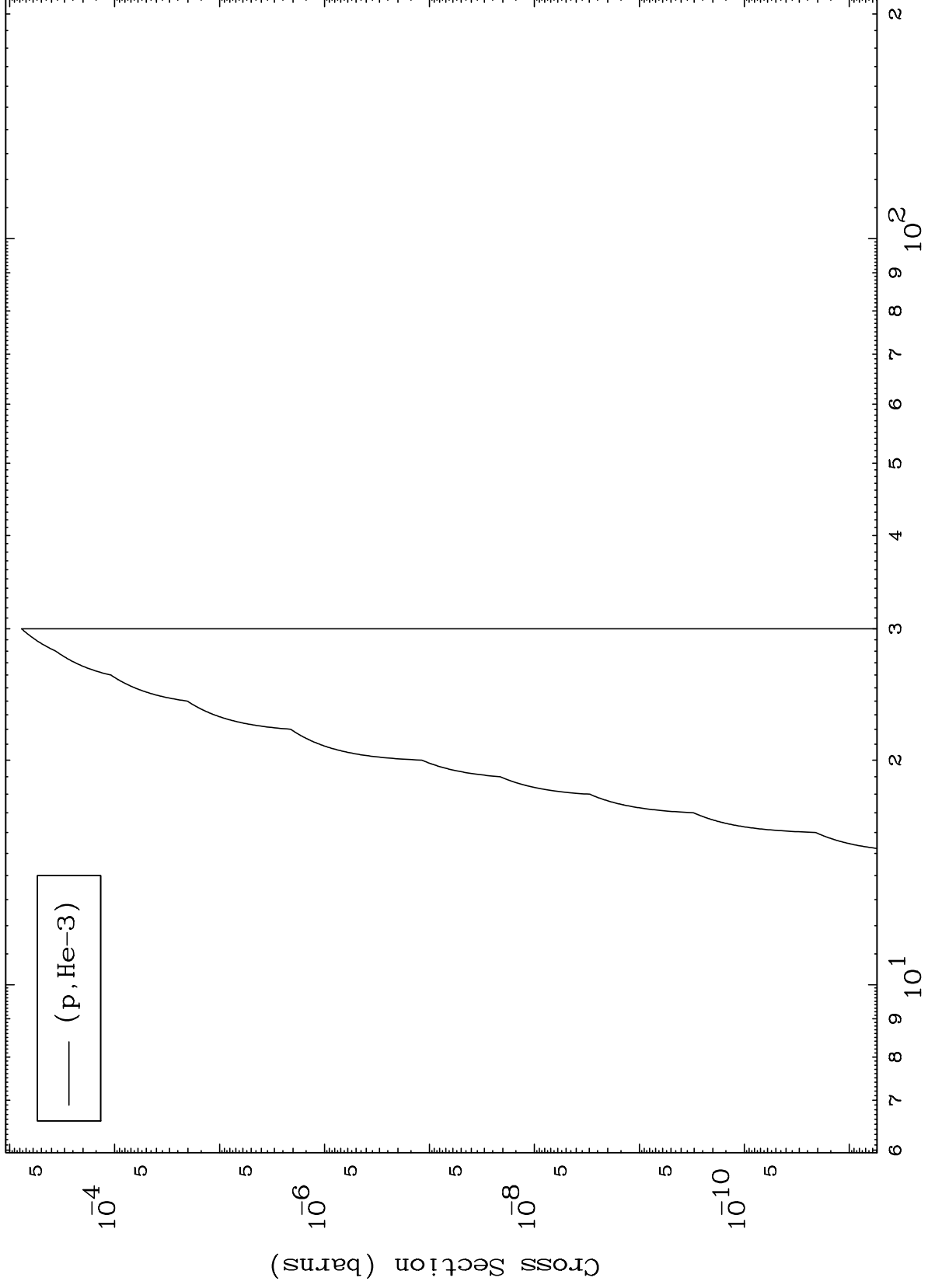
0 Kelvin Cross Sections



MAT 7050

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-176



10

Incident Energy (MeV)

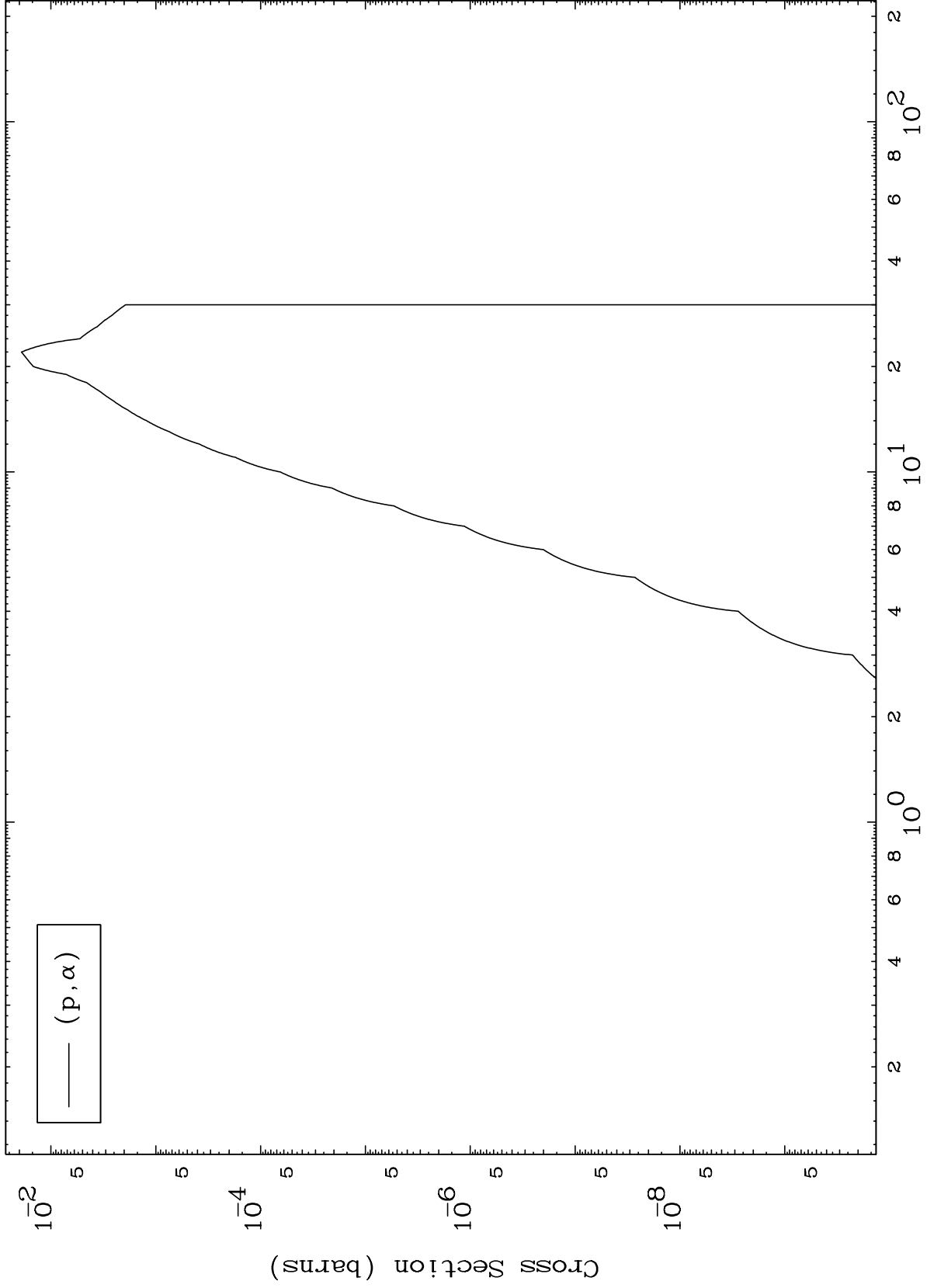
70-Yb-176

MAT 7050

(p, α) Levels

70-Yb-176

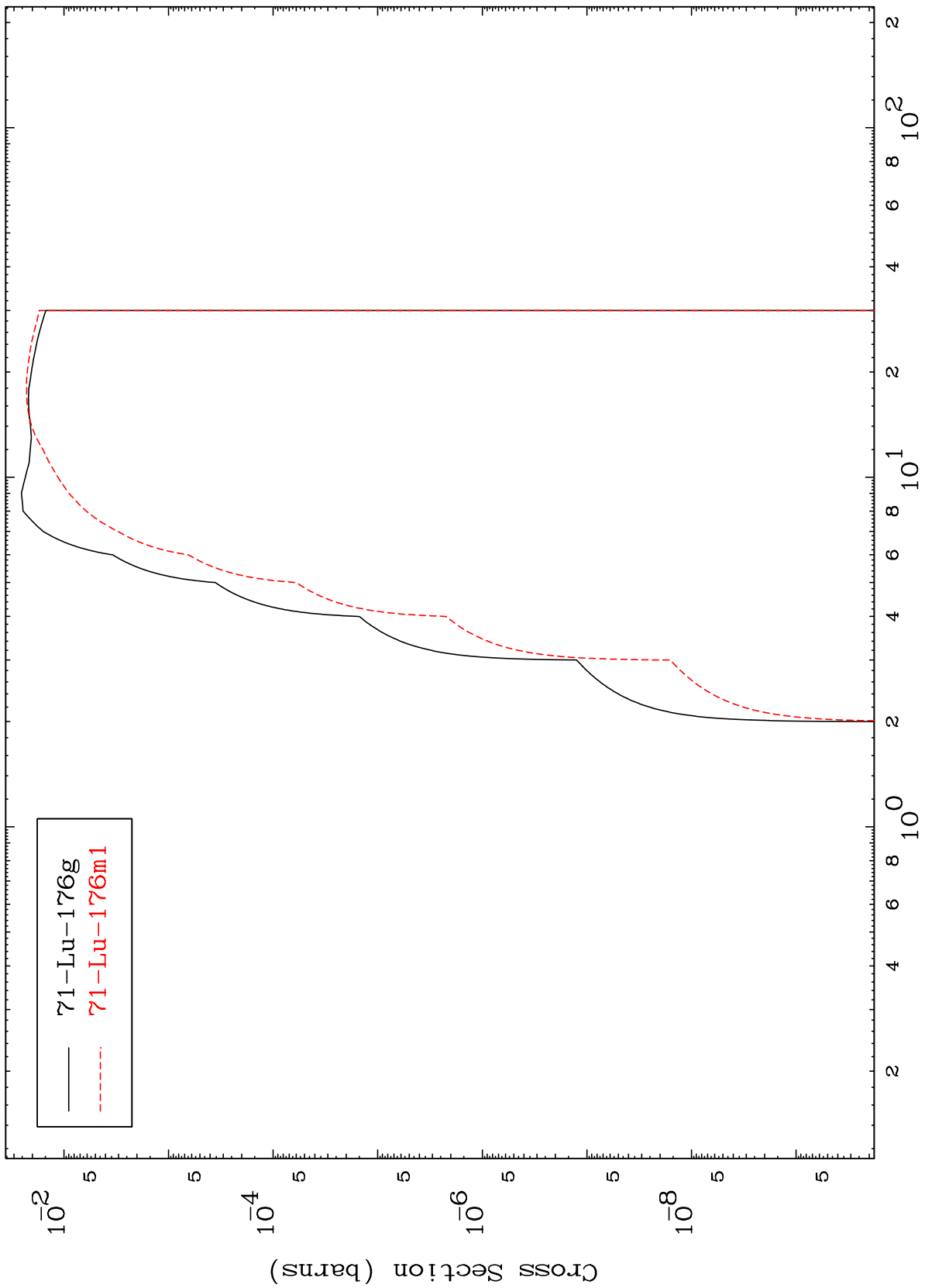
0 Kelvin Cross Sections



MAT 7050

70-Yb-176

Proton Inelastic
Radionuclide Production Cross Section



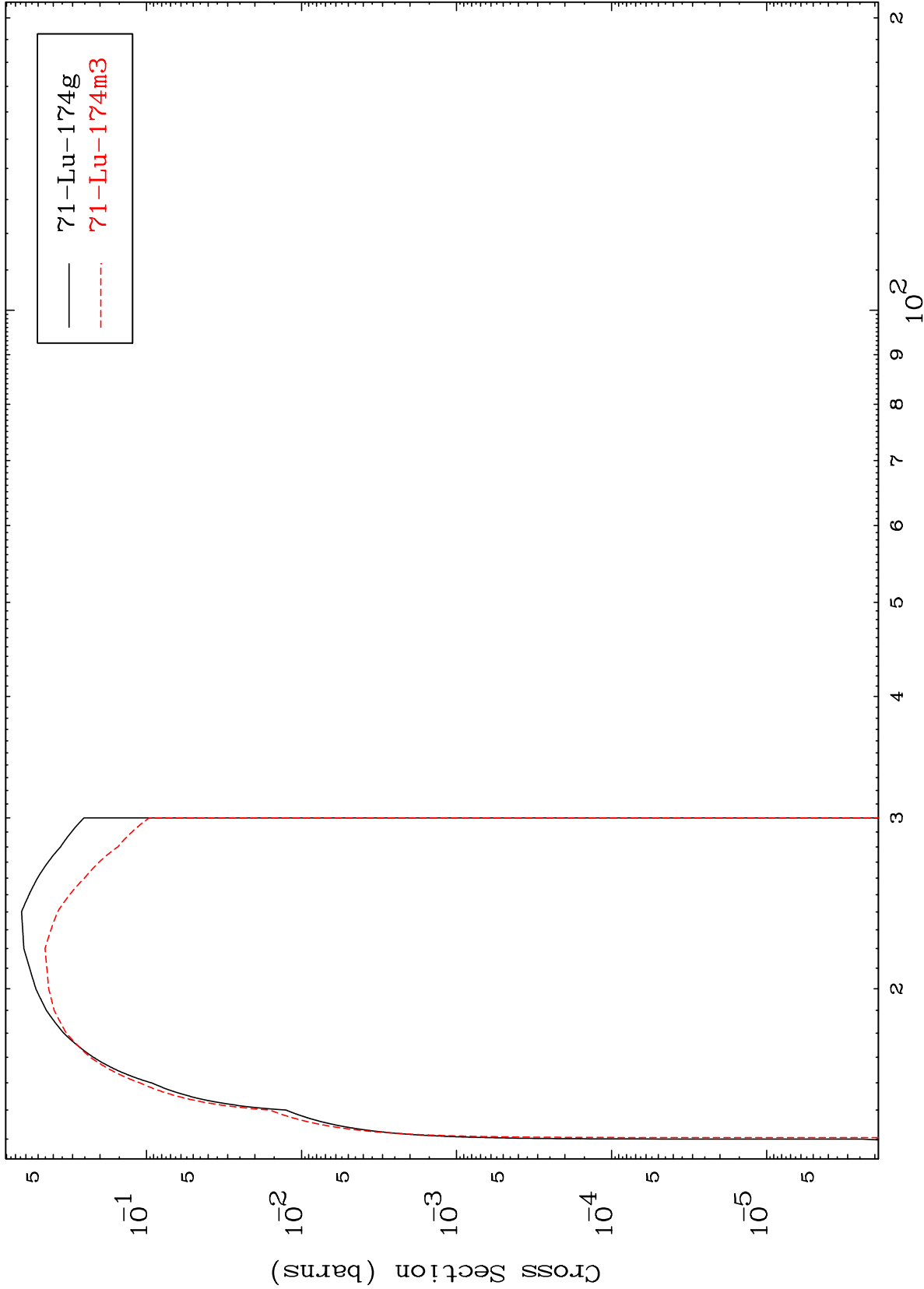
— $^{71}\text{Lu-176g}$
- - - $^{71}\text{Lu-176m1}$

MAT 7050

(p,3n)

70-Yb-176

Radionuclide Production Cross Section

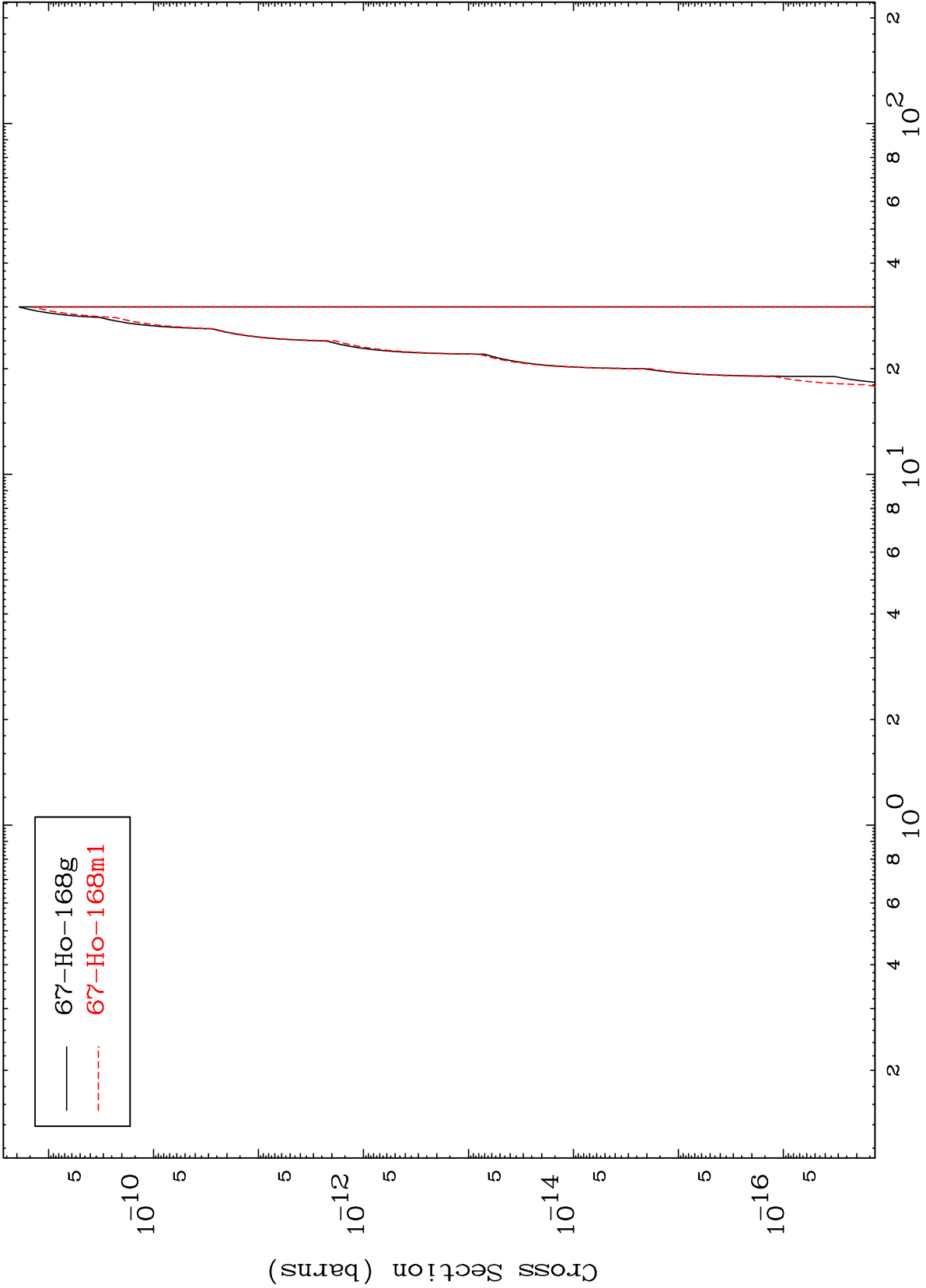


MAT 7050

(p,n') 2α

$^{70}\text{Yb-176}$

Radionuclide Production Cross Section



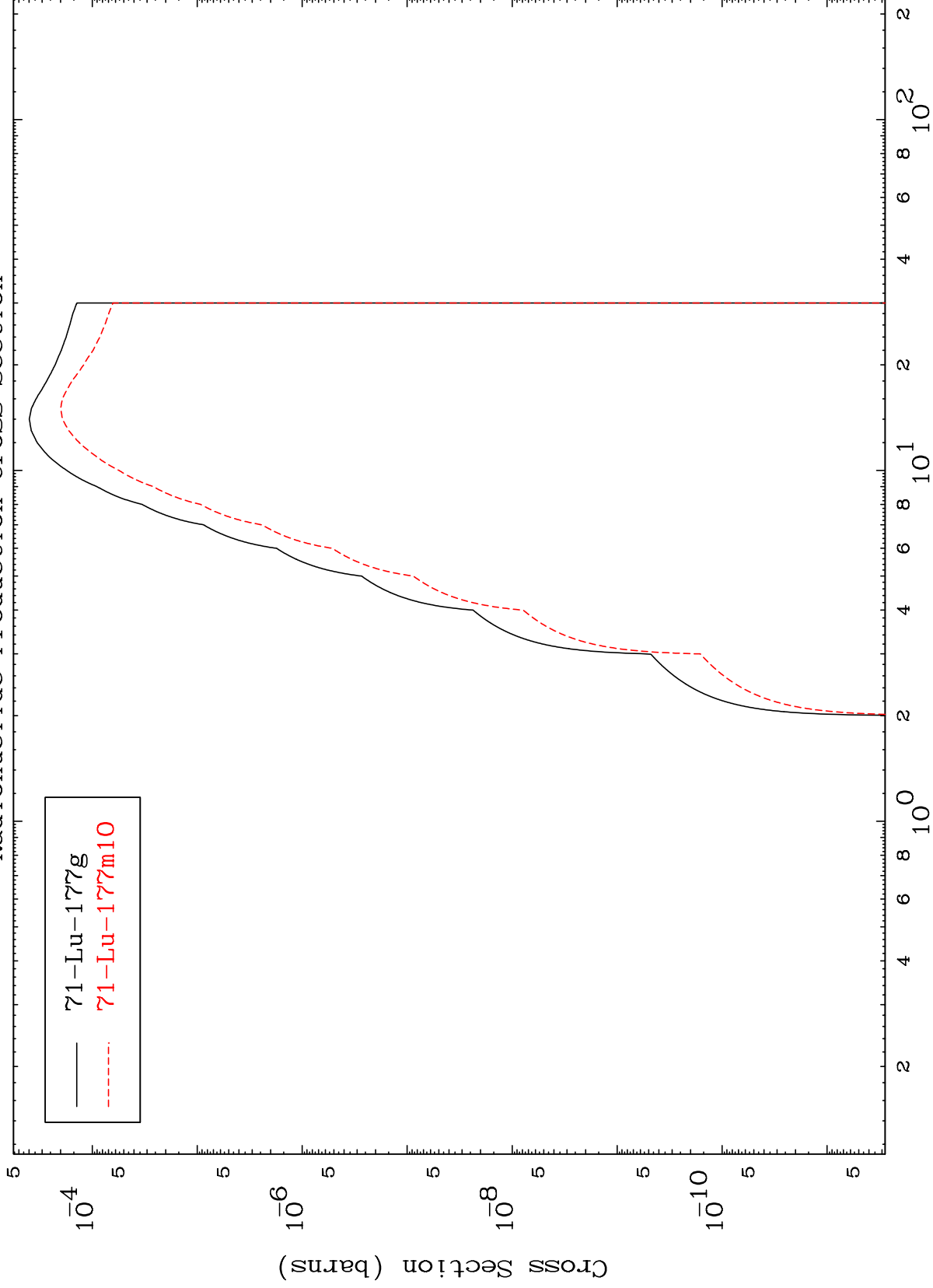
— $^{67}\text{Ho-168g}$
- - - $^{67}\text{Ho-168m1}$

MAT 7050

(p, γ)

⁷⁰Yb-176

Radionuclide Production Cross Section



15

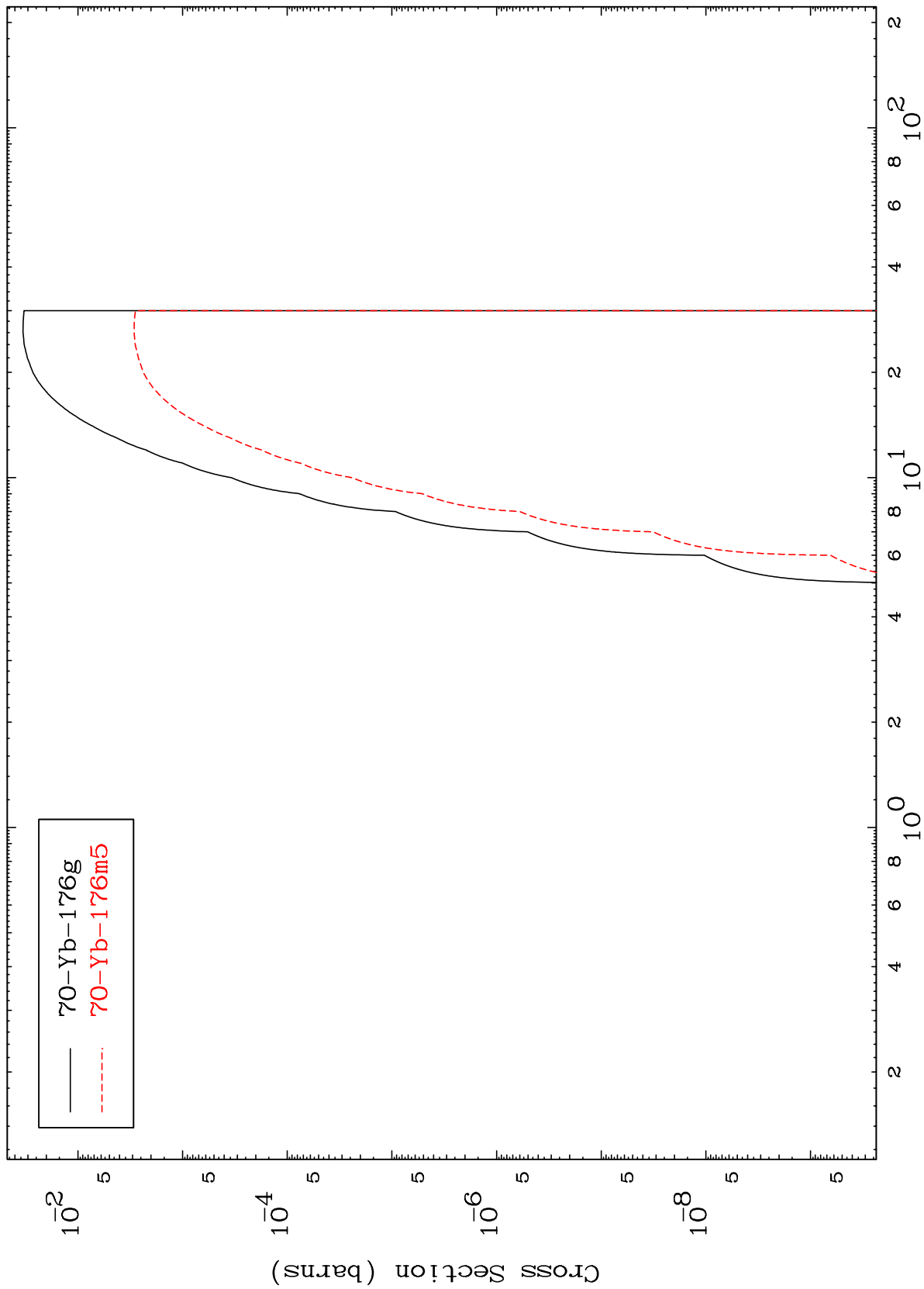
Incident Energy (MeV)

⁷⁰Yb-176

MAT 7050

70-Yb-176

Radionuclide Production Cross Section (p,p)



16

70-Yb-176

Incident Energy (MeV)