

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

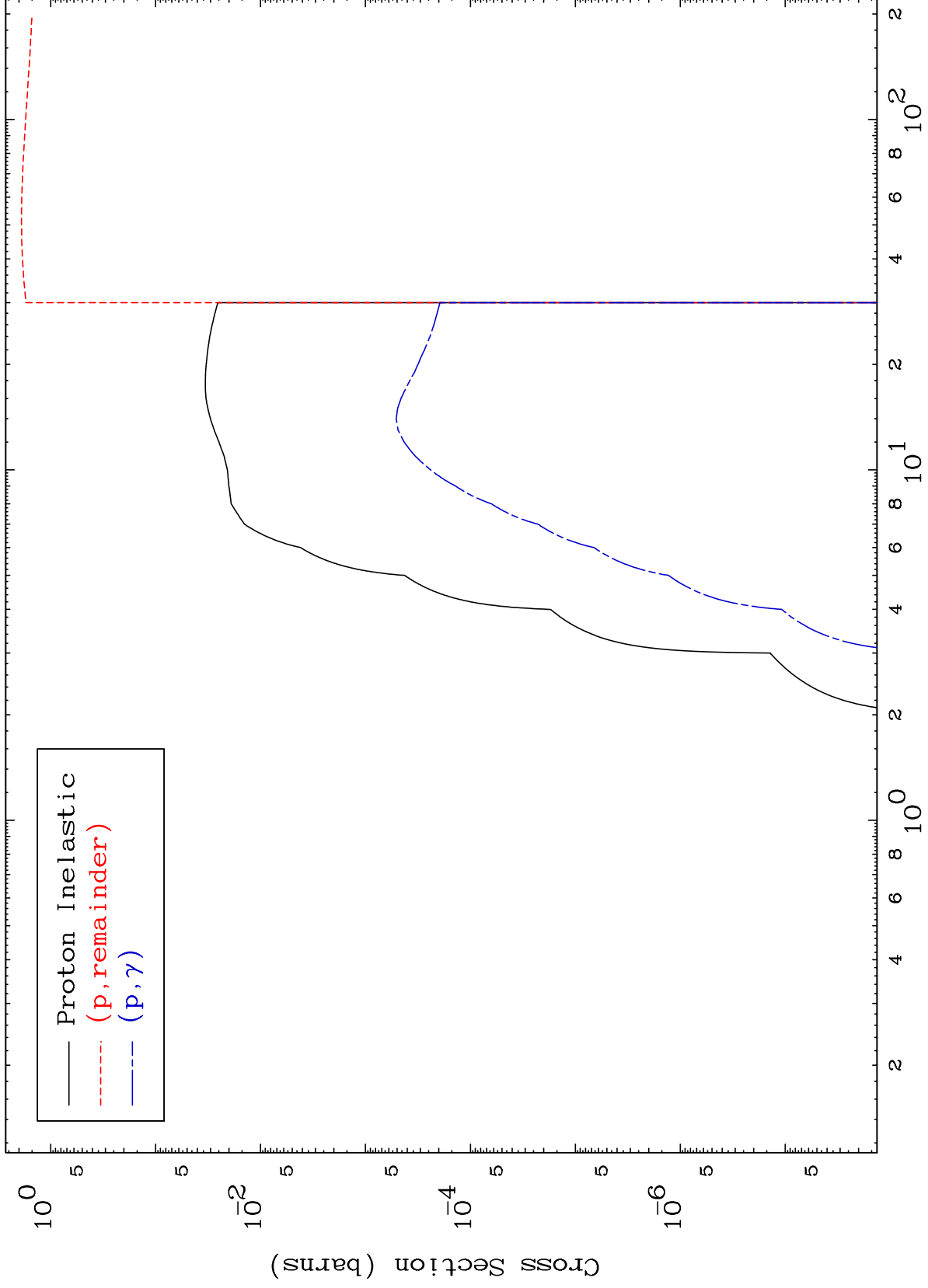
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7053

Proton Major
0 Kelvin Cross Sections

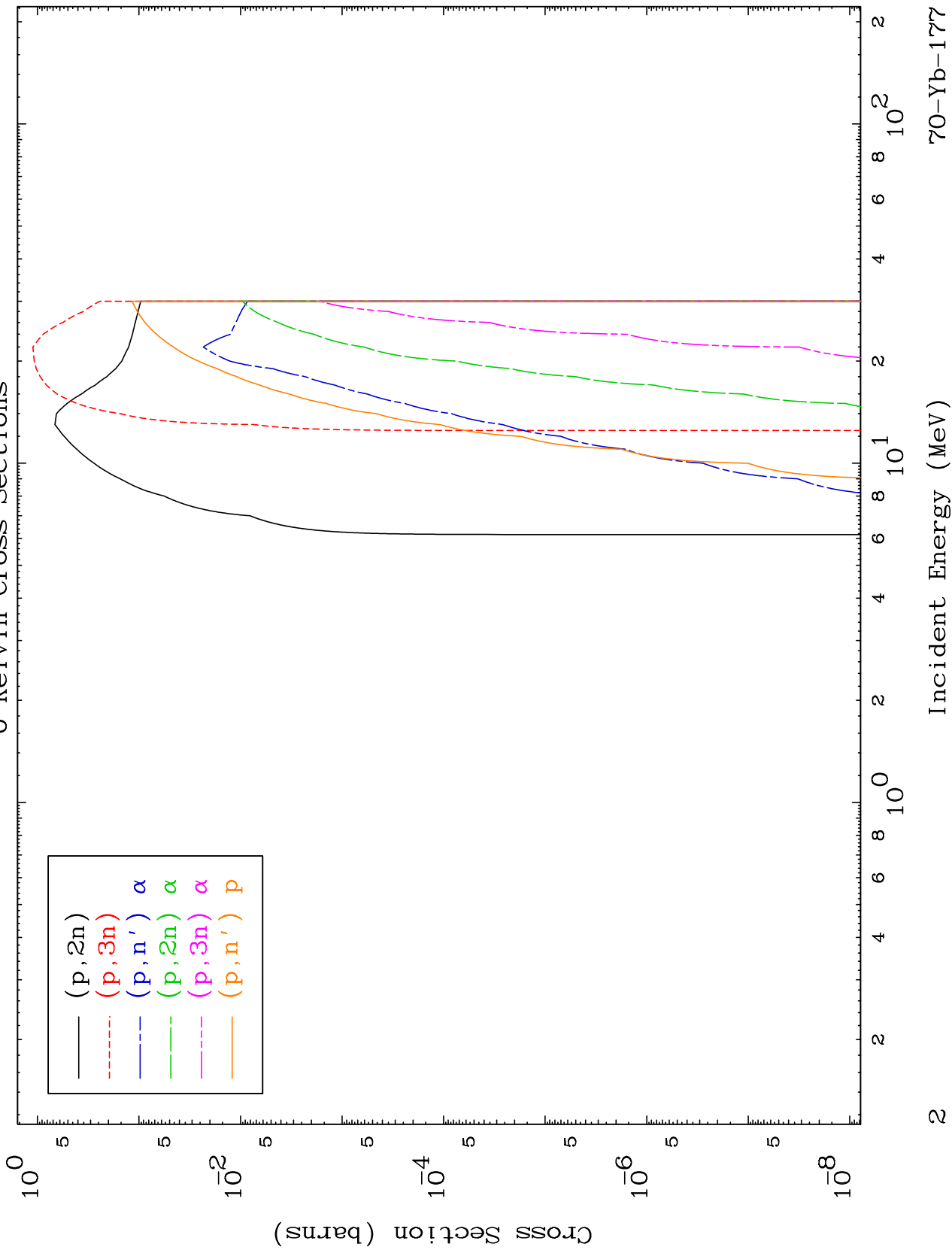
70-Yb-177

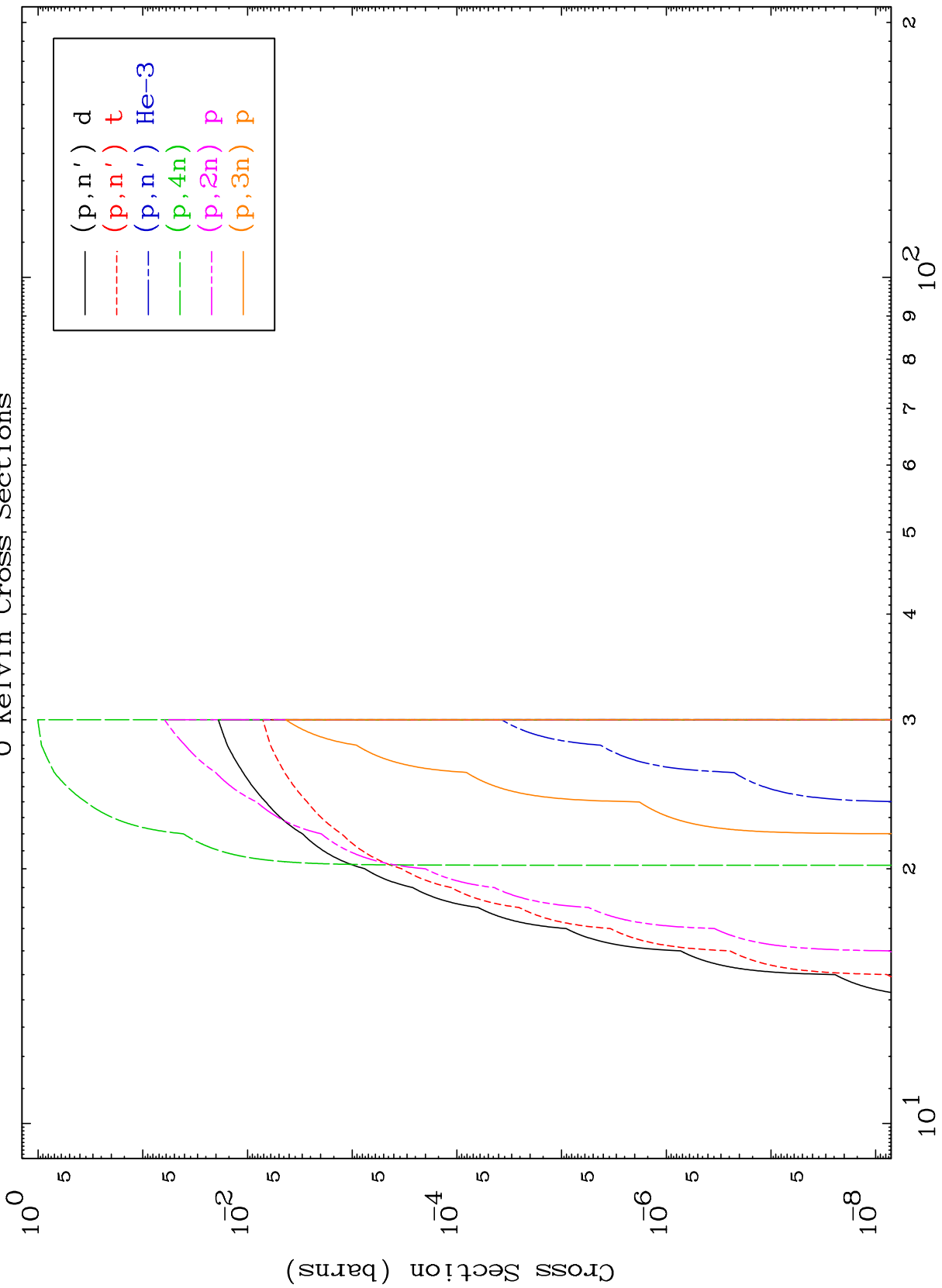


MAT 7053

Proton Neutron Production
0 Kelvin Cross Sections

70-Yb-177

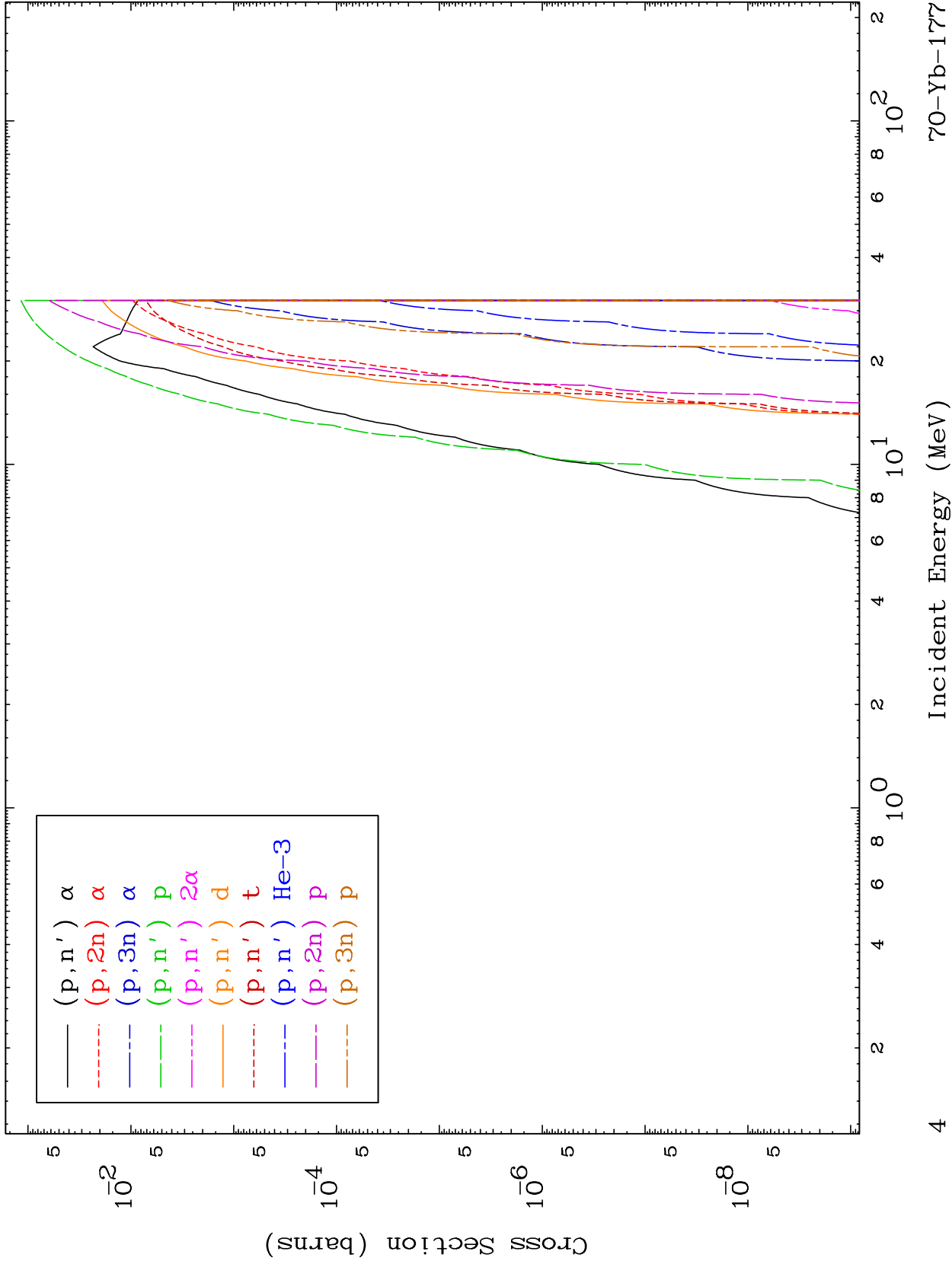


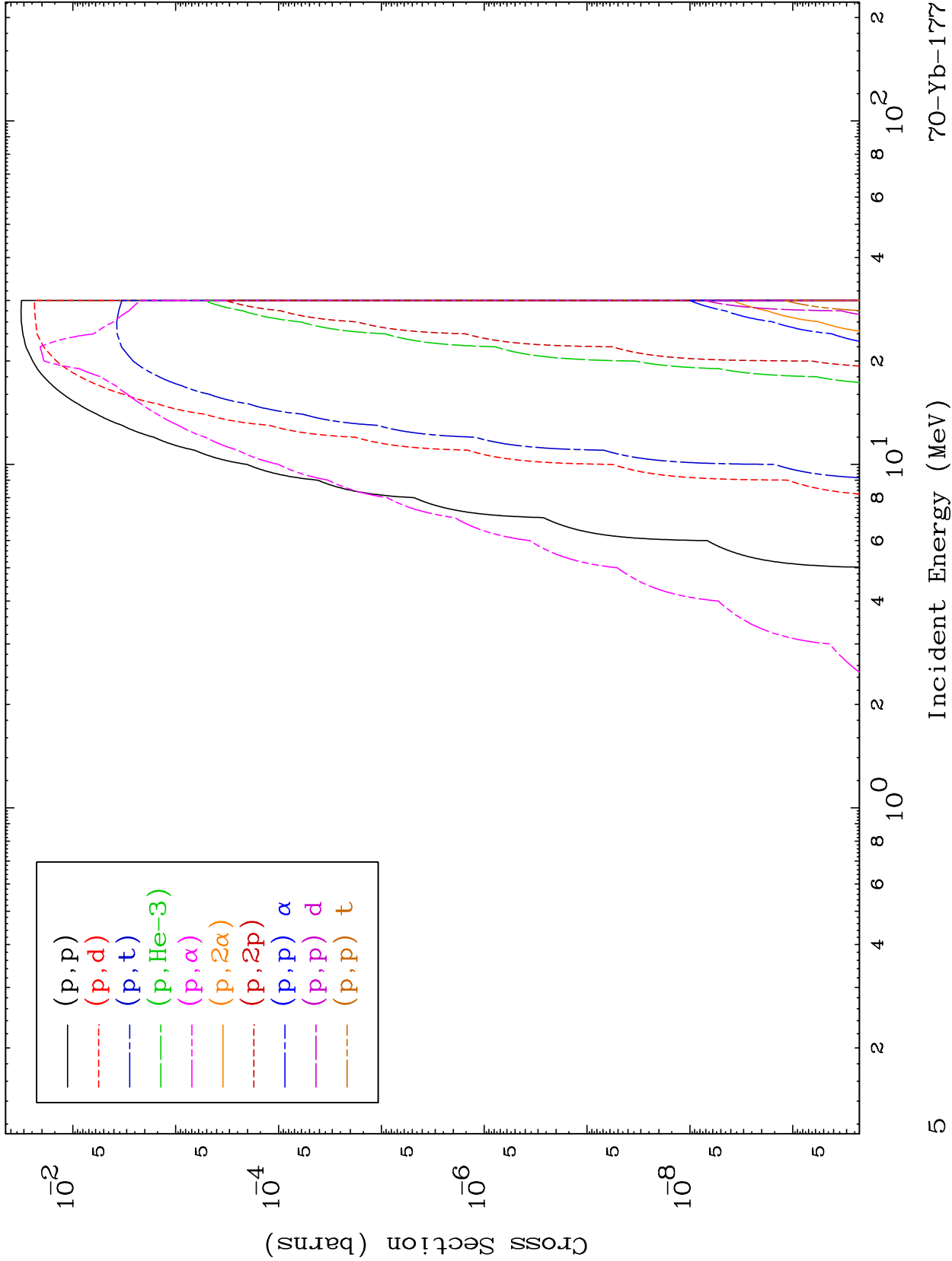


MAT 7053

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-177



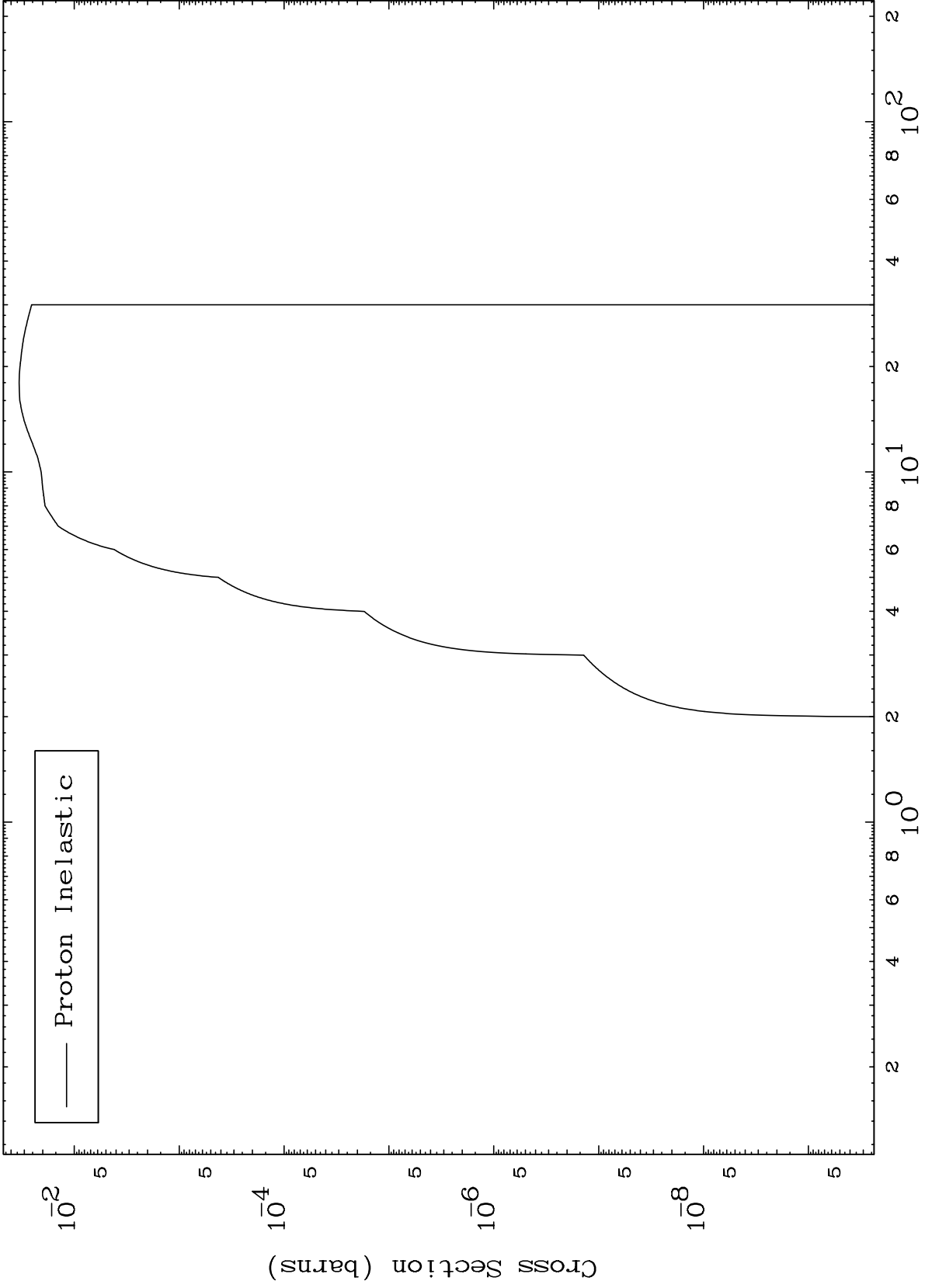


MAT 7053

(p,n') Level

70-Yb-177

0 Kelvin Cross Sections



6

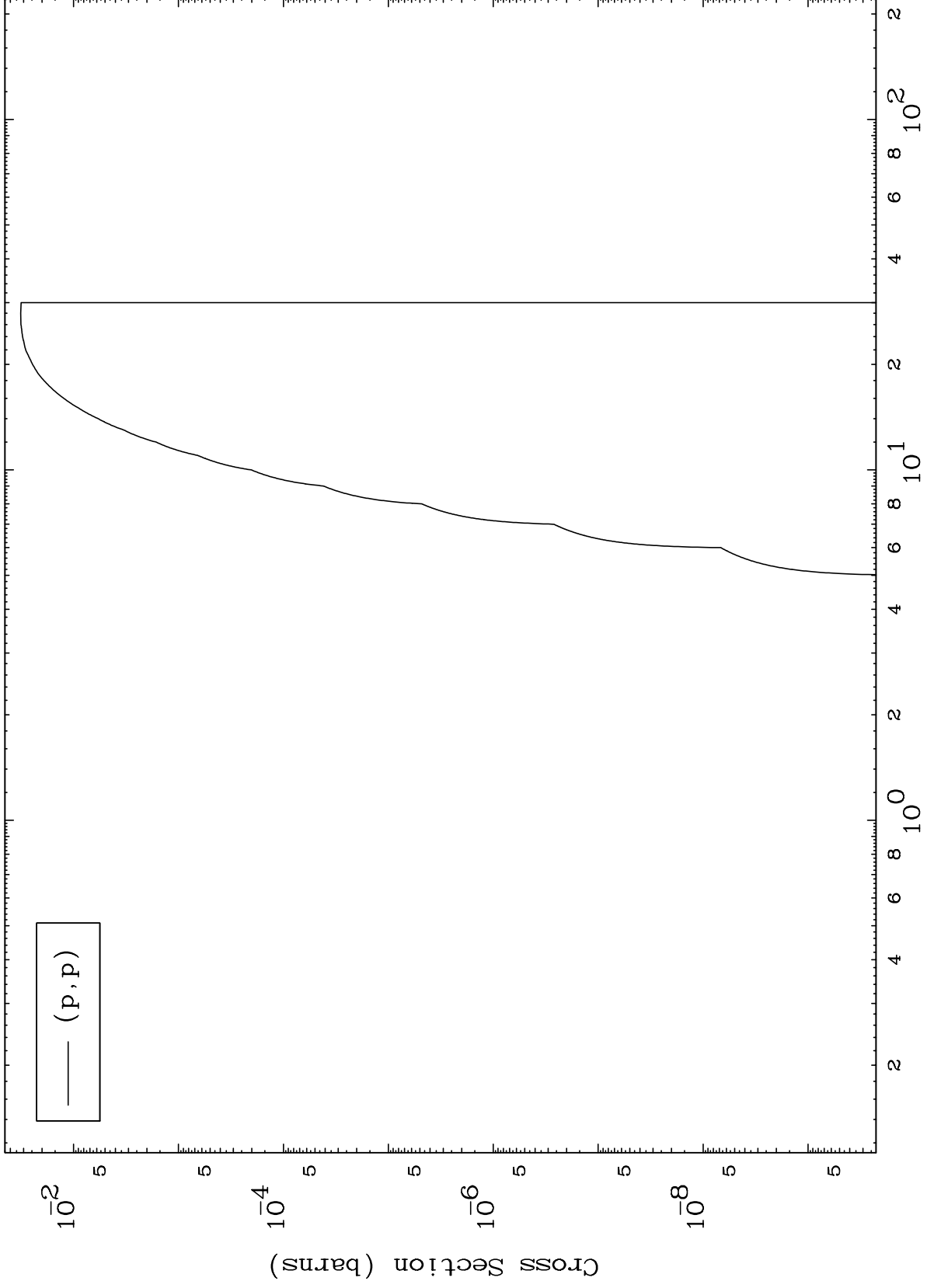
Incident Energy (MeV)

70-Yb-177

MAT 7053

(p,p) Levels
0 Kelvin Cross Sections

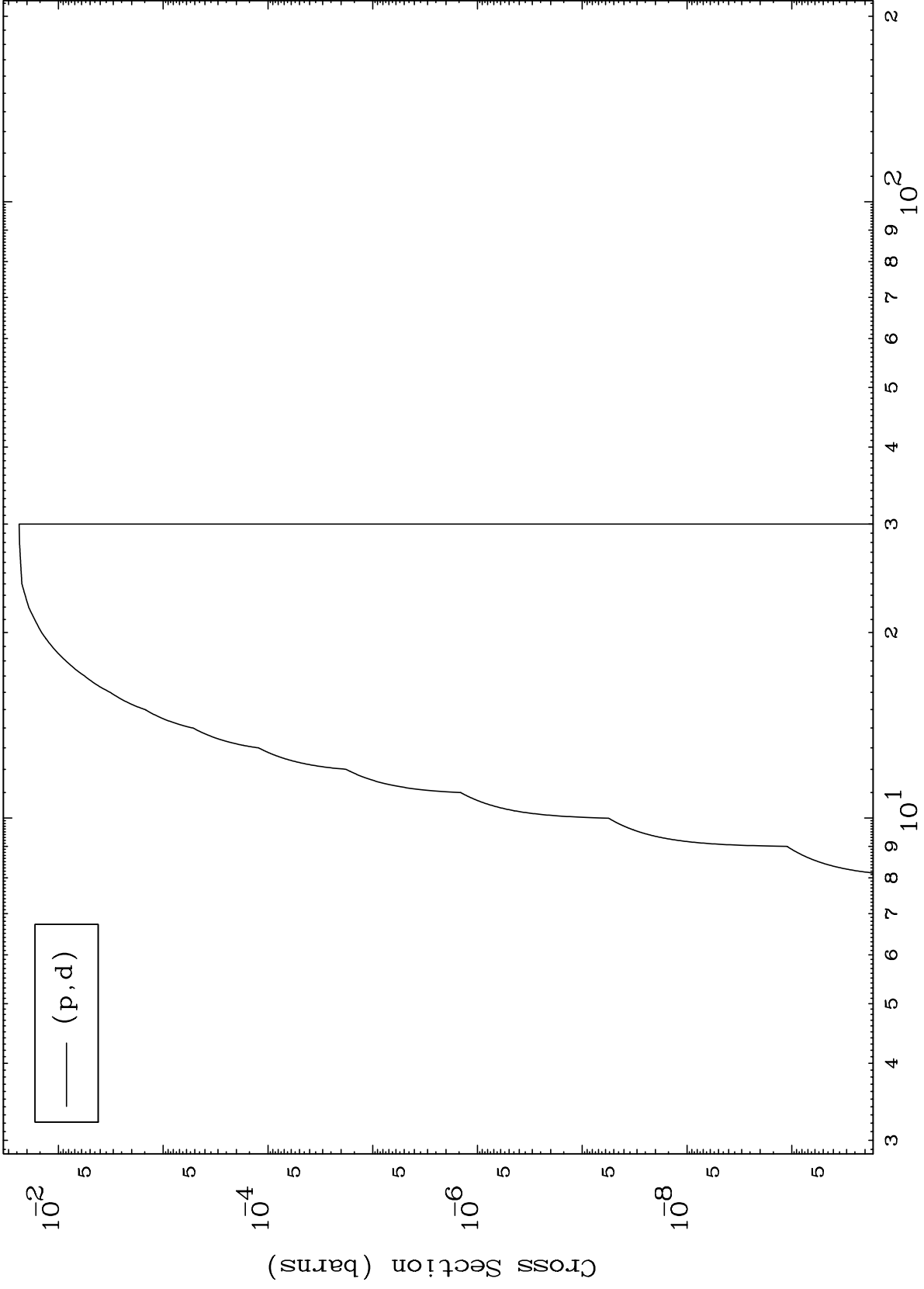
70-Yb-177



MAT 7053

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-177



8

Incident Energy (MeV)

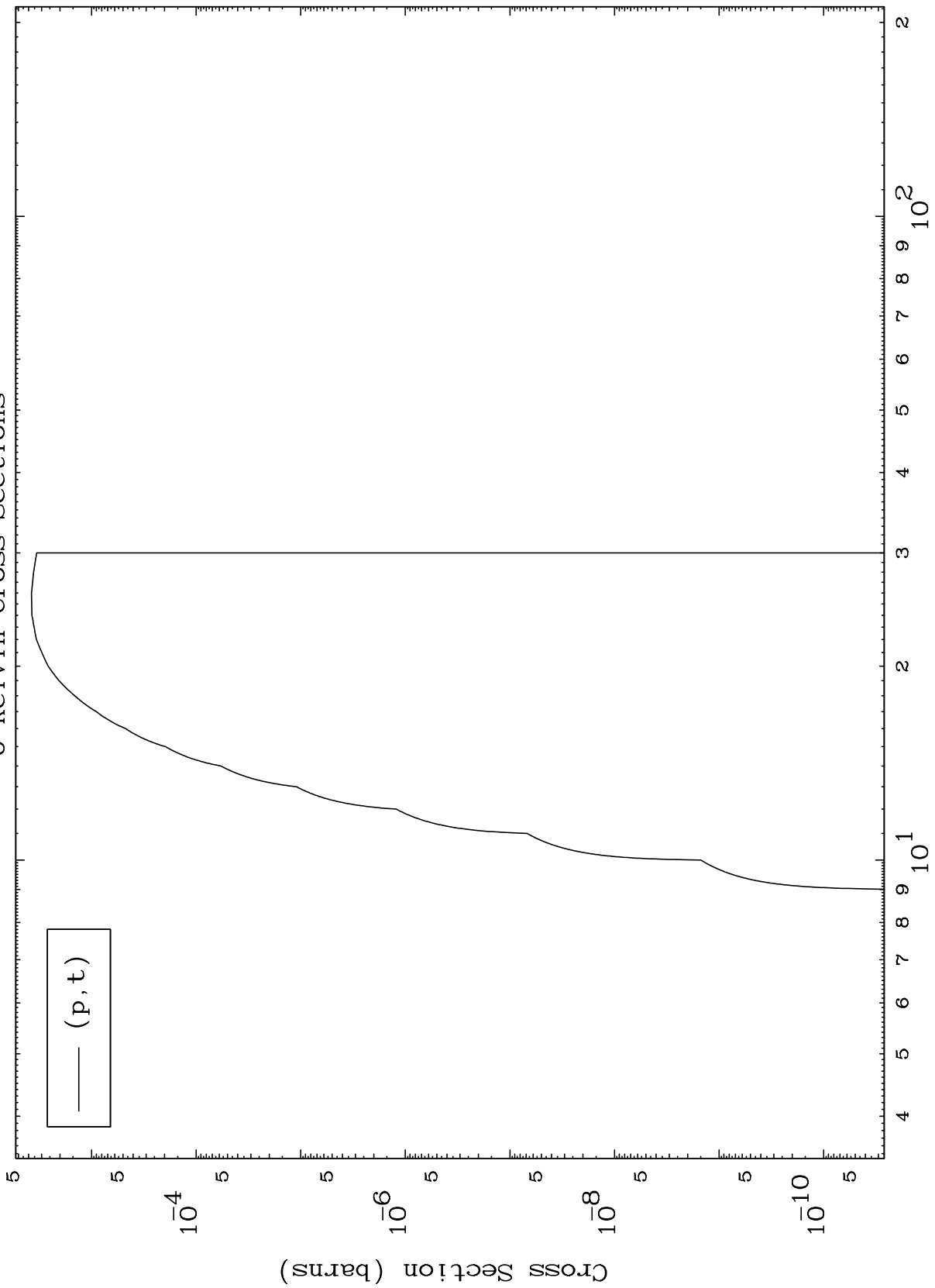
70-Yb-177

MAT 7053

(p,t) Levels

70-Yb-177

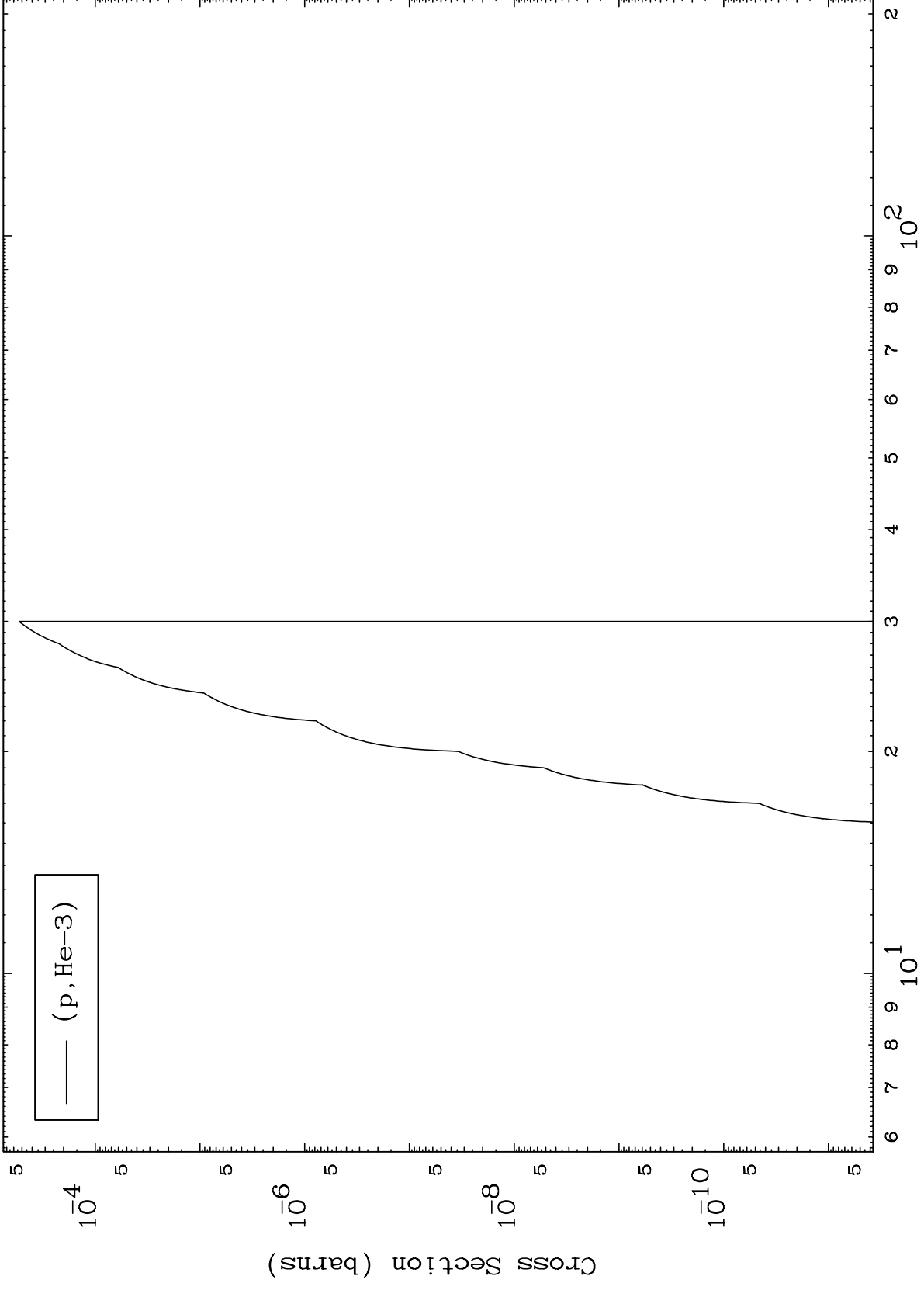
0 Kelvin Cross Sections



MAT 7053

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-177



10

Incident Energy (MeV)

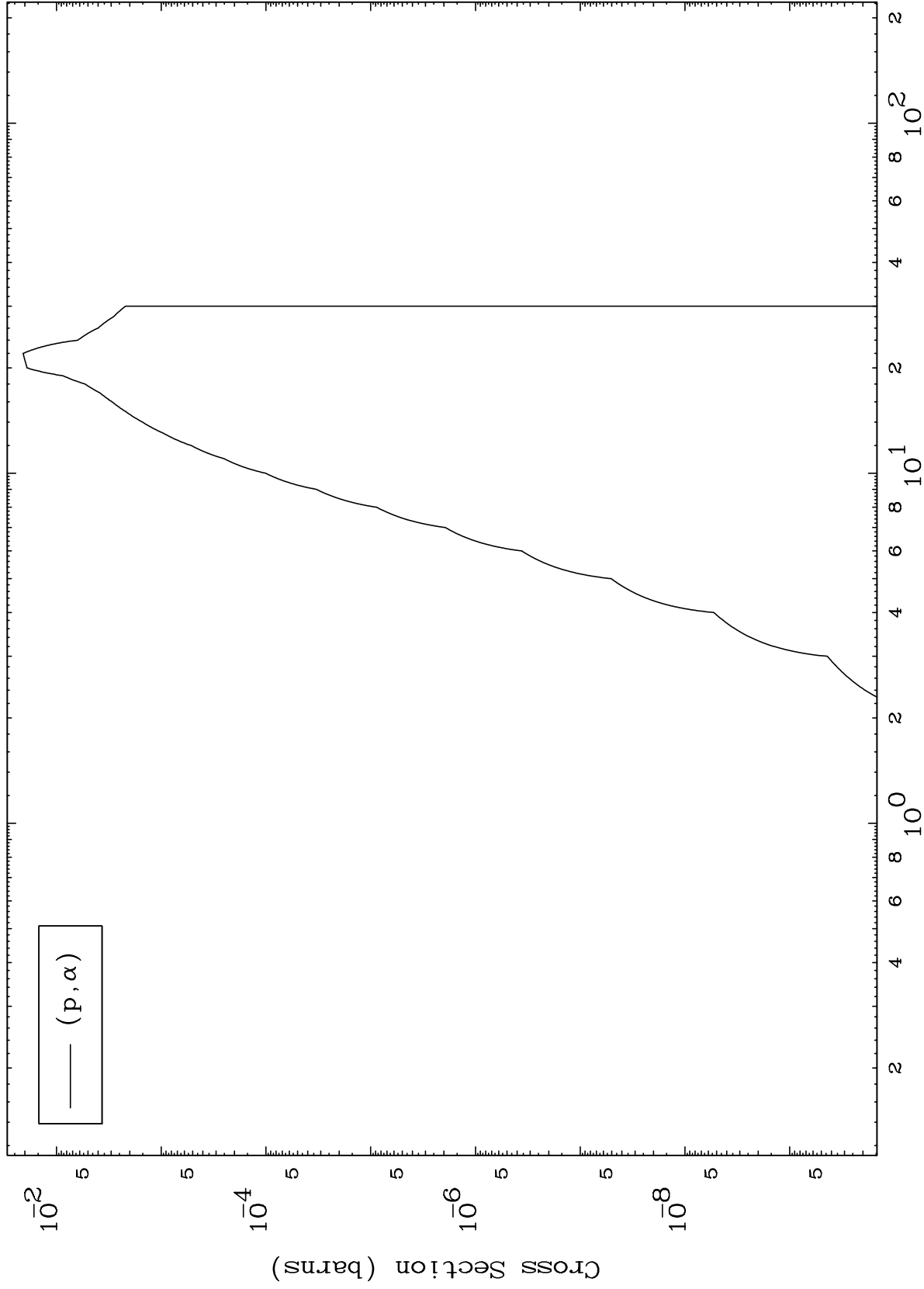
70-Yb-177

MAT 7053

(p, α) Levels

70-Yb-177

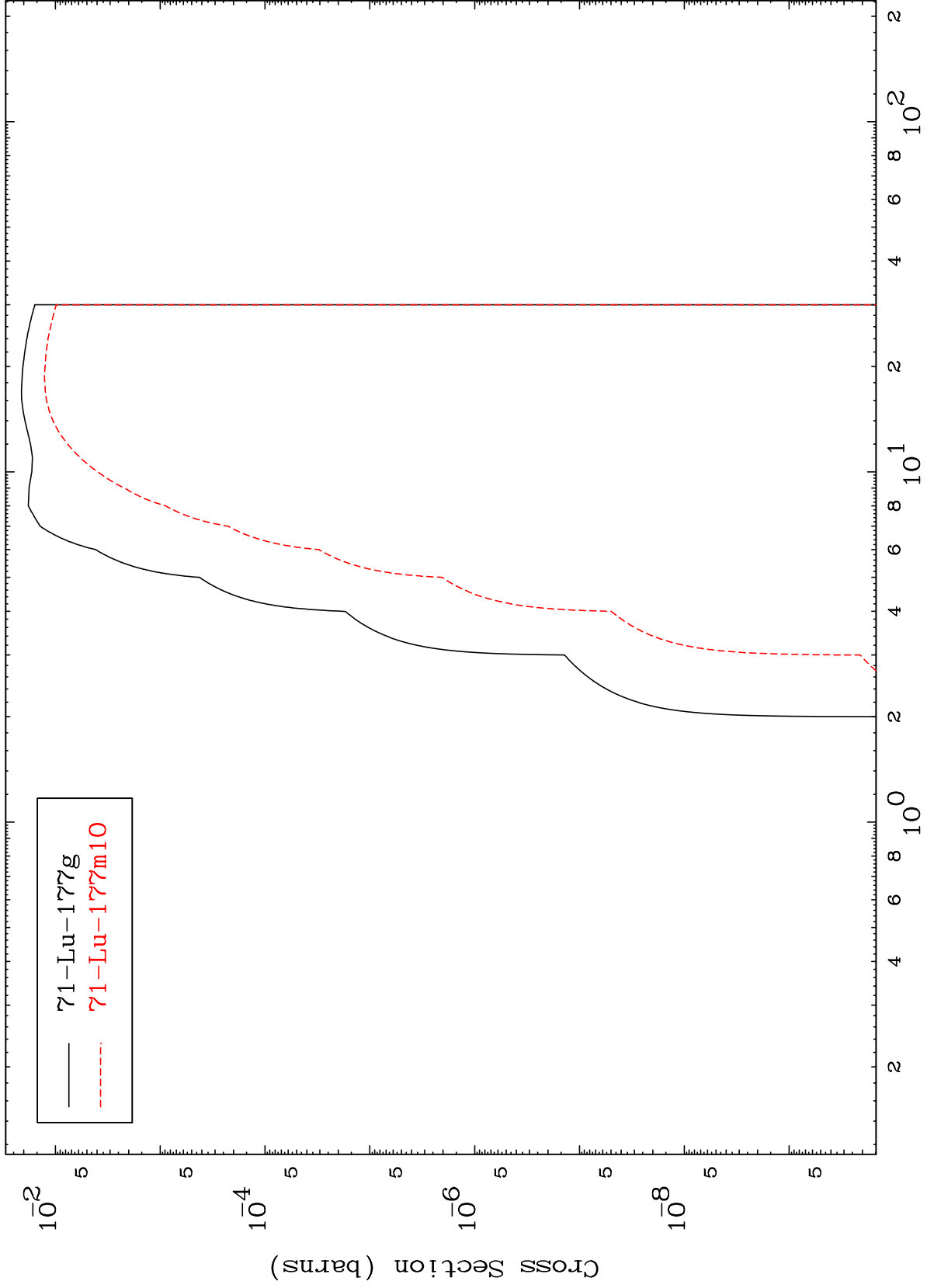
0 Kelvin Cross Sections



MAT 7053

Proton Inelastic
Radionuclide Production Cross Section

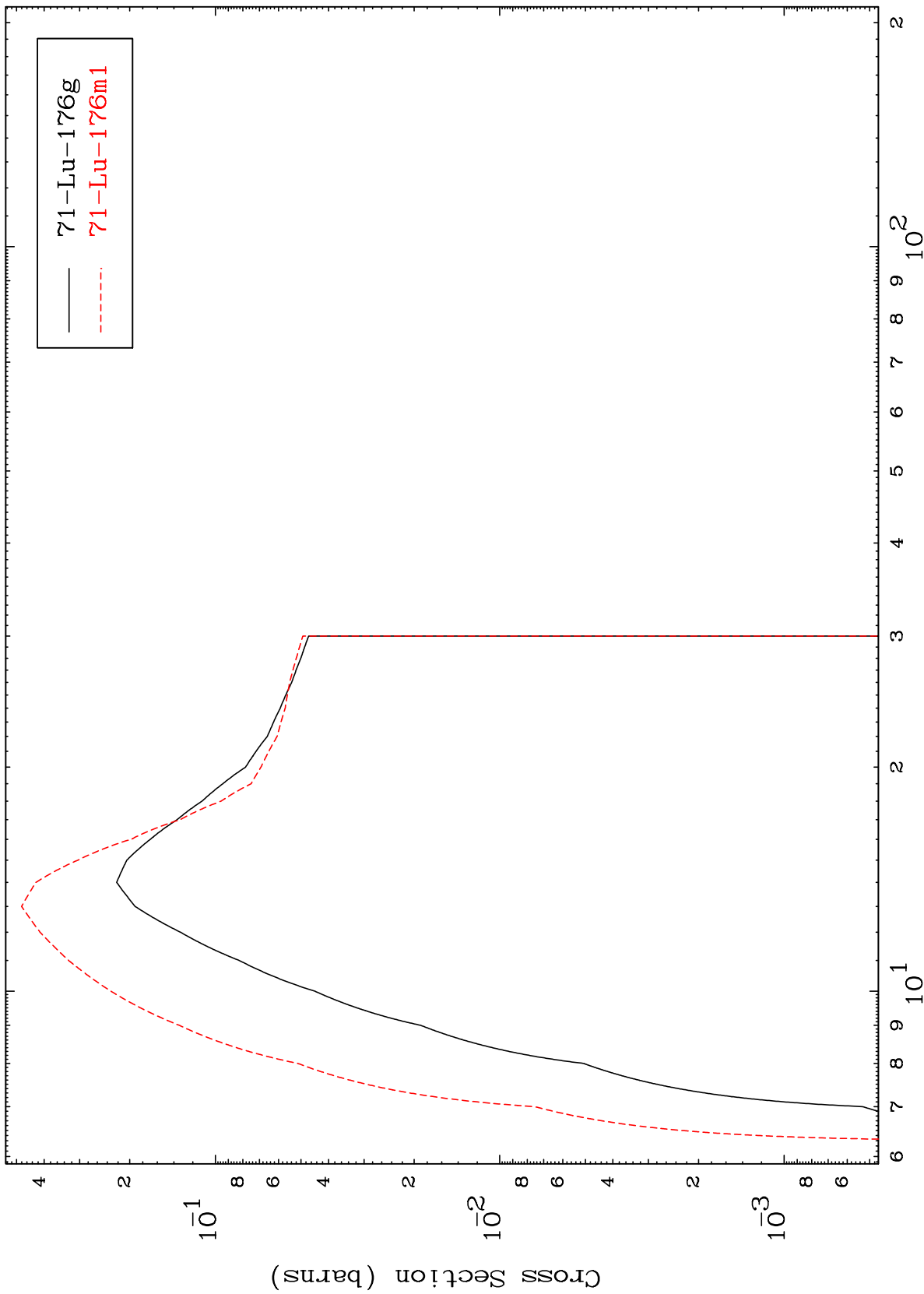
70-Yb-177



MAT 7053

70-Yb-177

(p,2n)
Radionuclide Production Cross Section



70-Yb-177

Incident Energy (MeV)

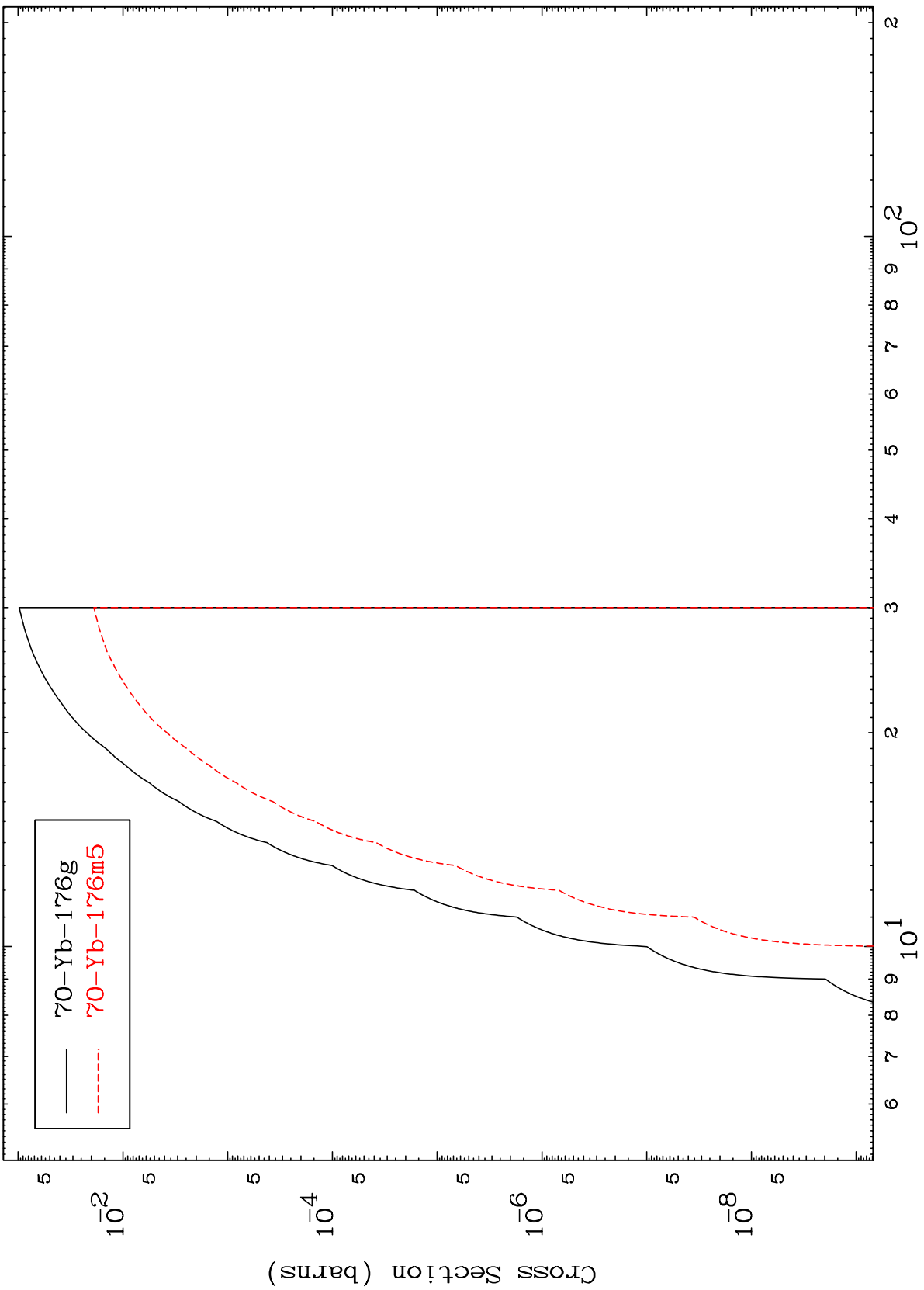
13

MAT 7053

(p,n') p

⁷⁰Yb-177

Radionuclide Production Cross Section



— 70-Yb-176g
- - - 70-Yb-176m5

Incident Energy (MeV)

⁷⁰Yb-177

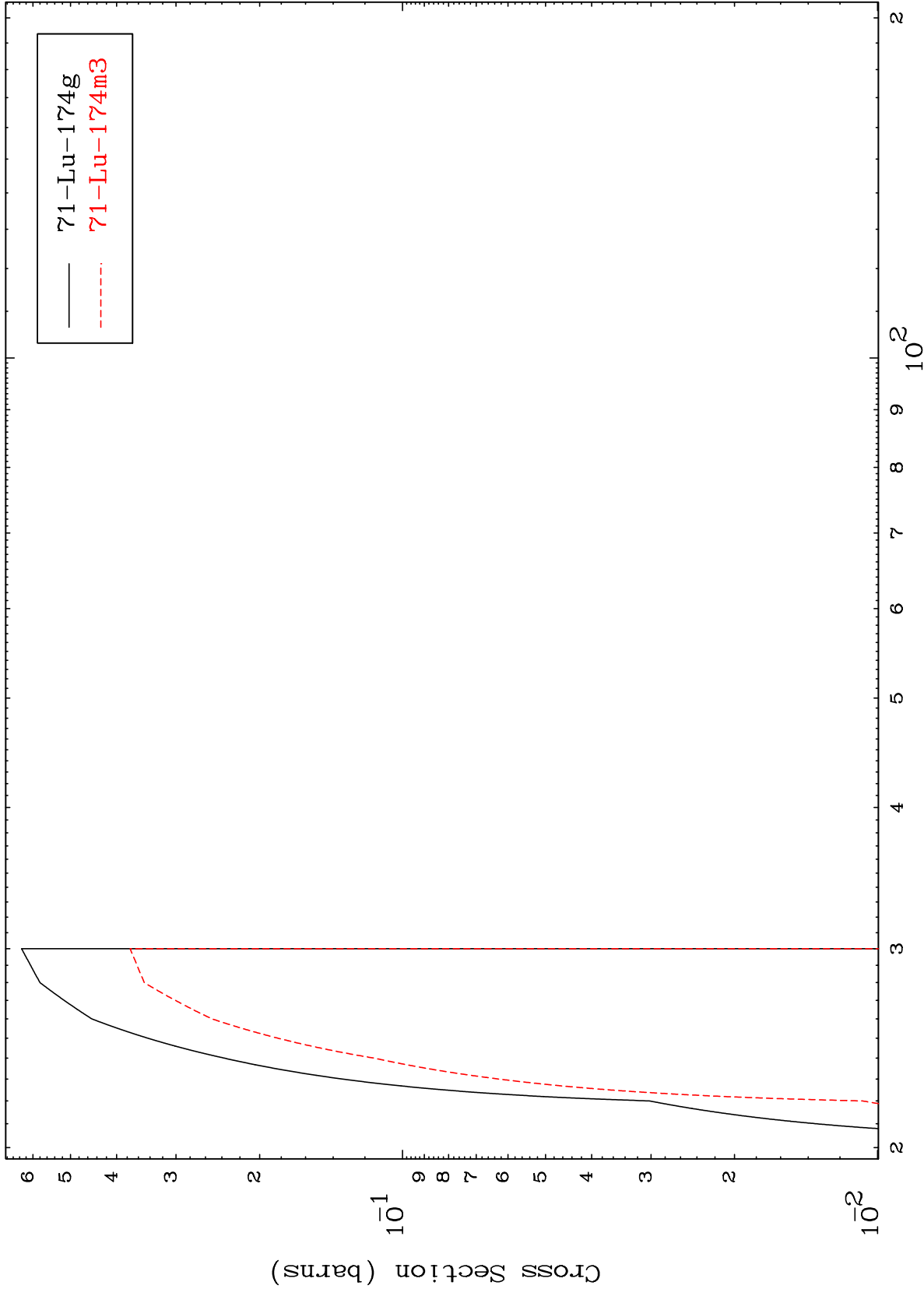
14

MAT 7053

(p,4n)

70-Yb-177

Radionuclide Production Cross Section



15

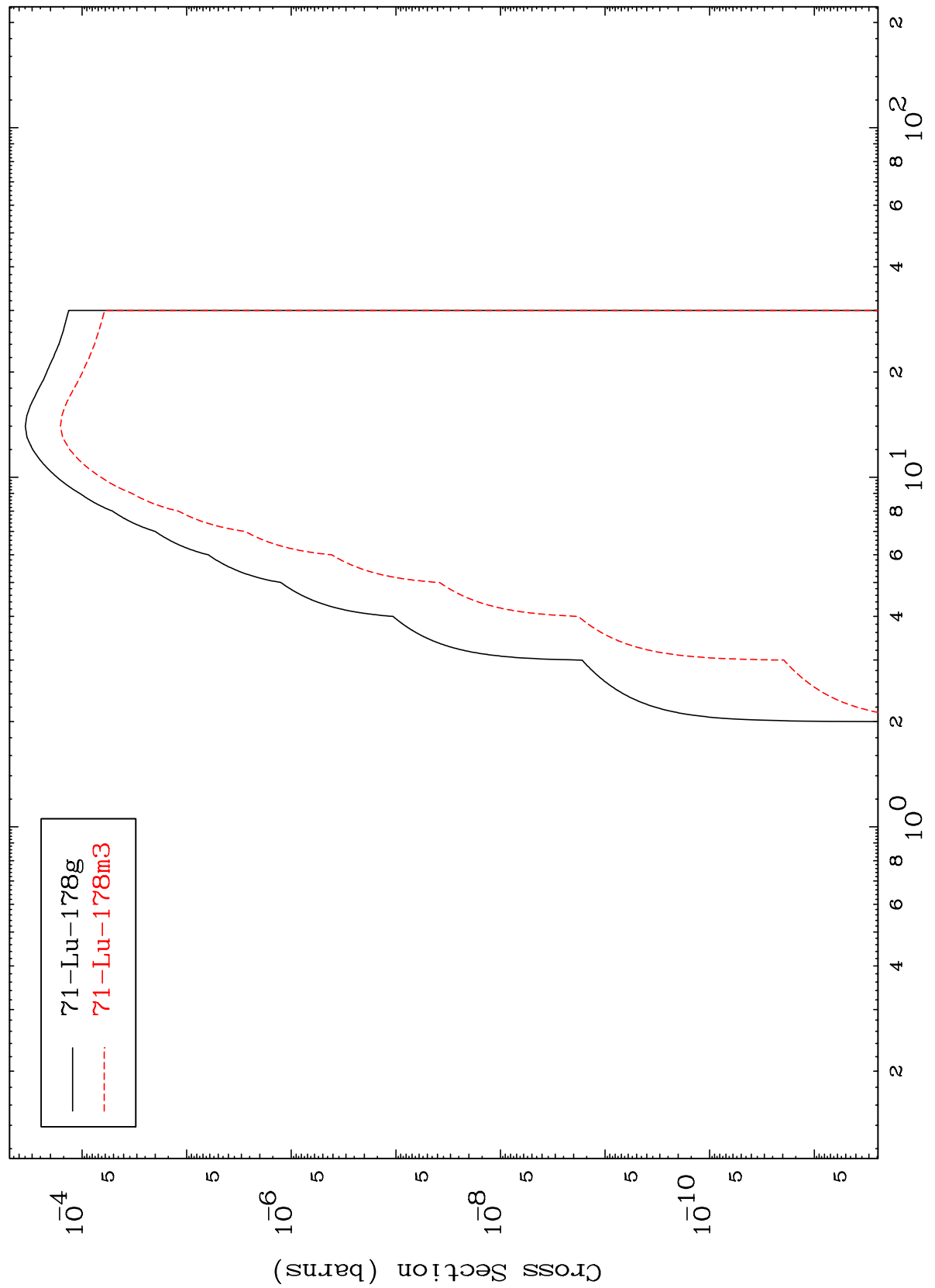
Incident Energy (MeV)

70-Yb-177

MAT 7053

70-Yb-177

(p, γ)
Radionuclide Production Cross Section



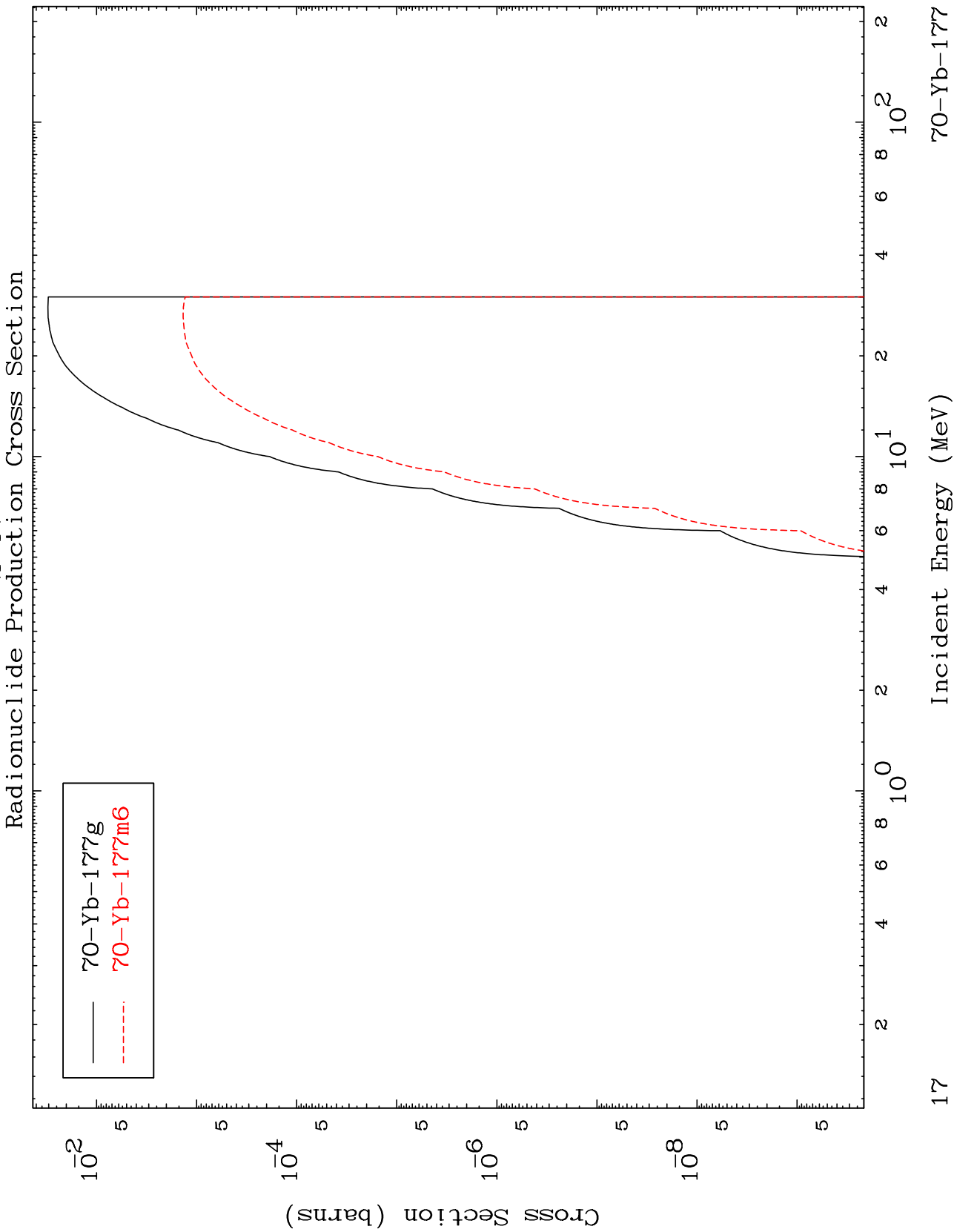
70-Yb-177

Incident Energy (MeV)

16

MAT 7053

⁷⁰Yb-177

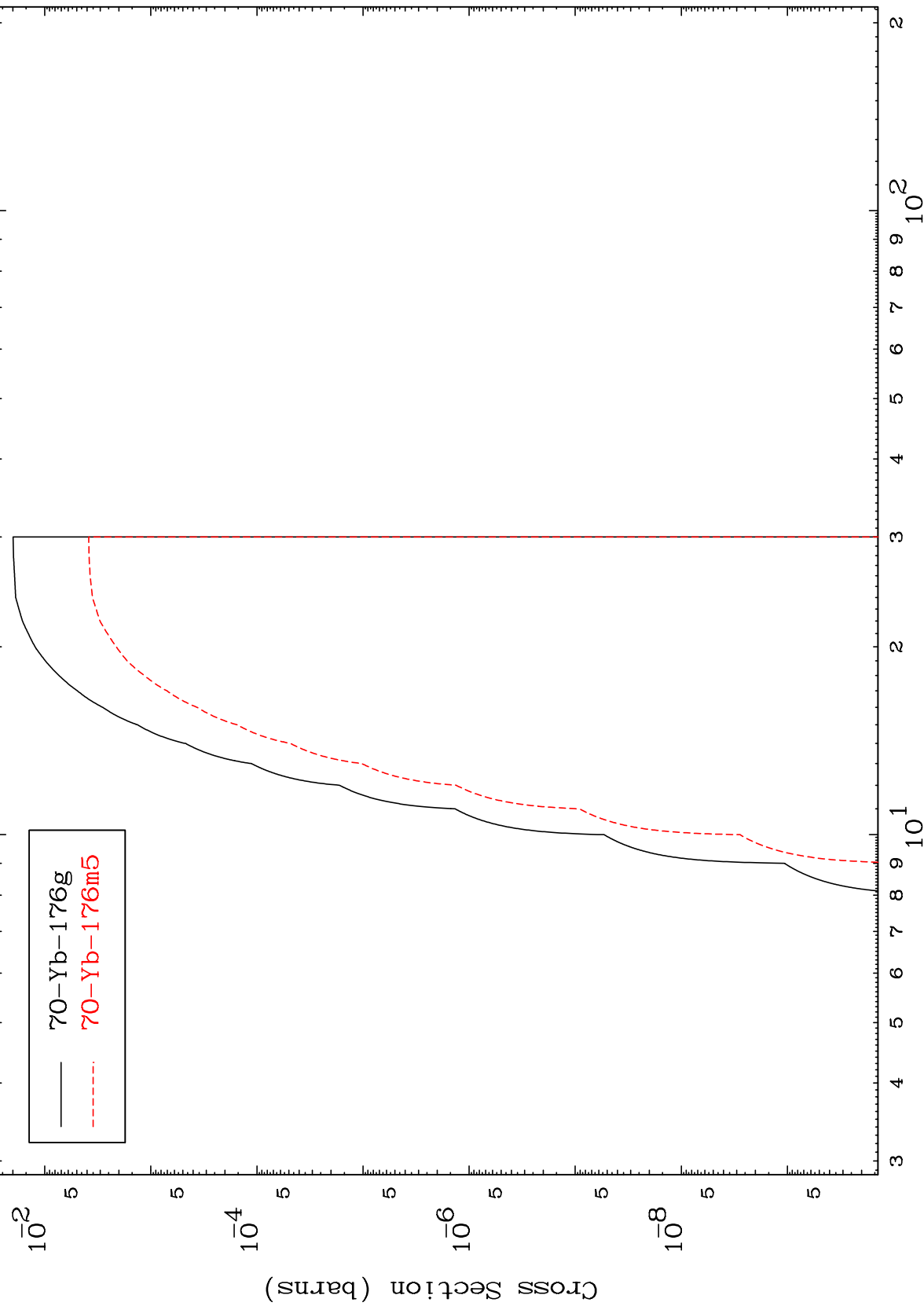


MAT 7053

(p, d)

⁷⁰Yb-177

Radionuclide Production Cross Section



Incident Energy (MeV)

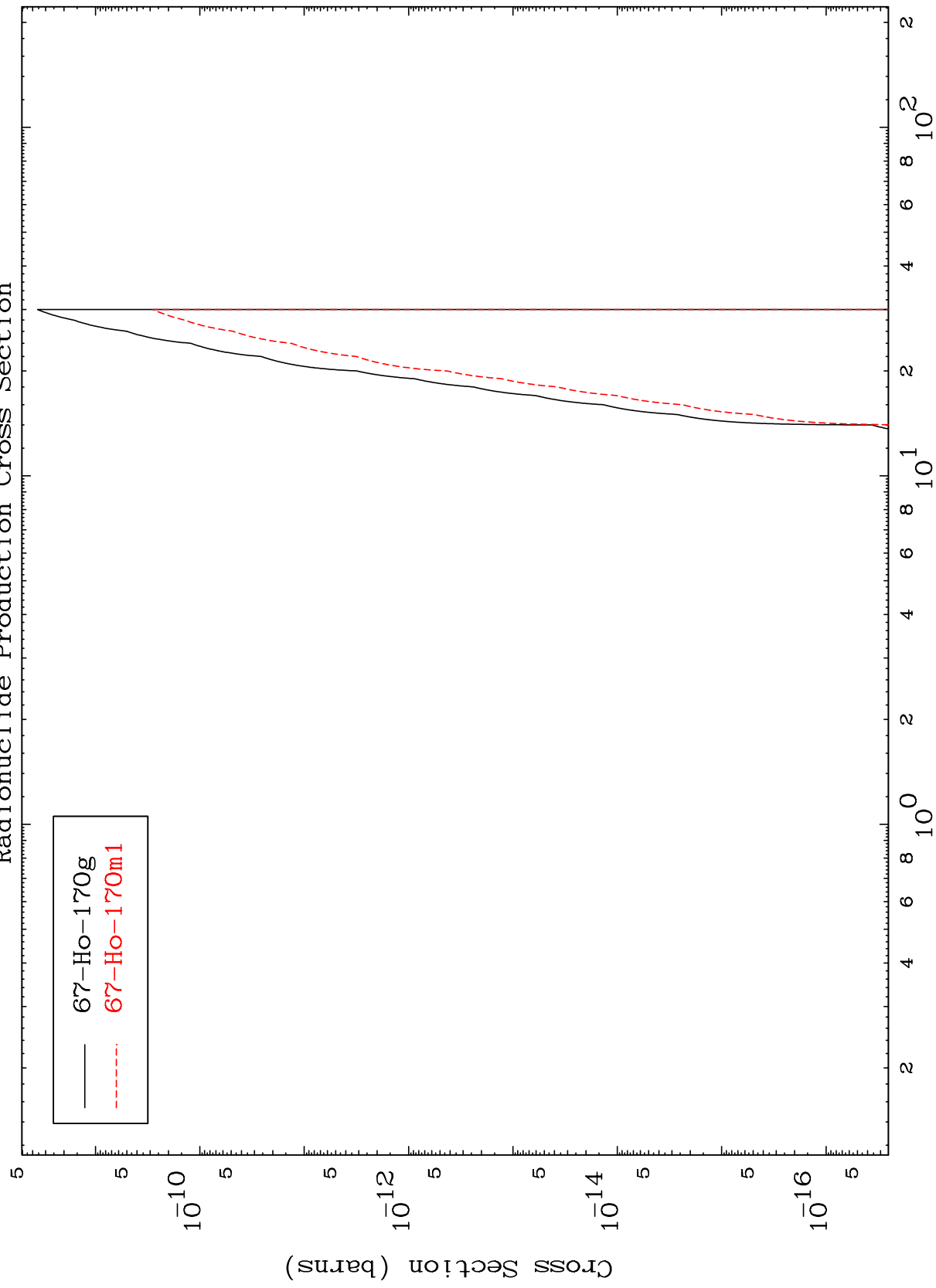
⁷⁰Yb-177

18

MAT 7053

$^{70}\text{Yb-177}$

Radionuclide Production Cross Section
(p,2 α)



19

Incident Energy (MeV)

$^{70}\text{Yb-177}$