

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

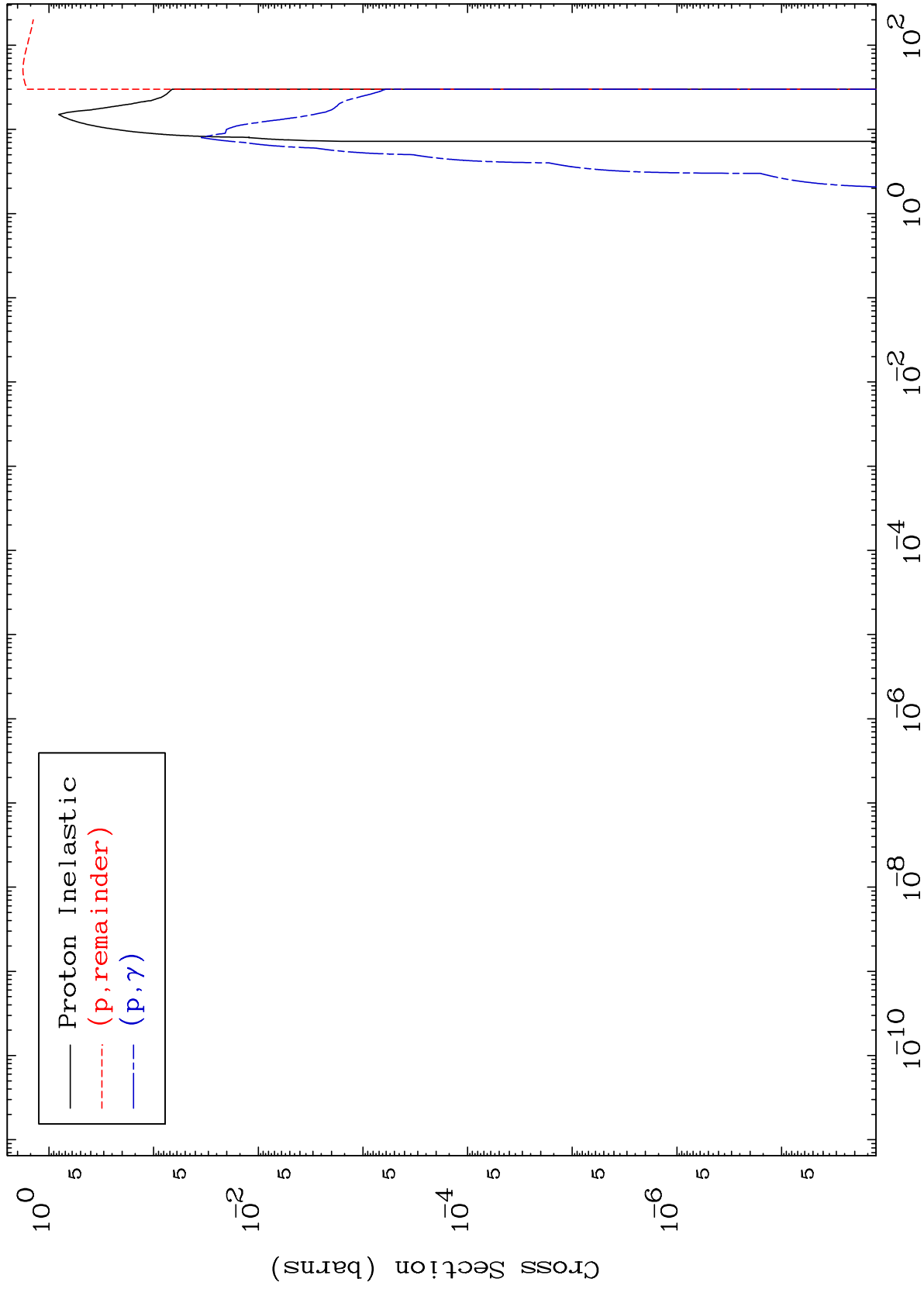
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7013

Proton Major  
0 Kelvin Cross Sections

70-Yb-164

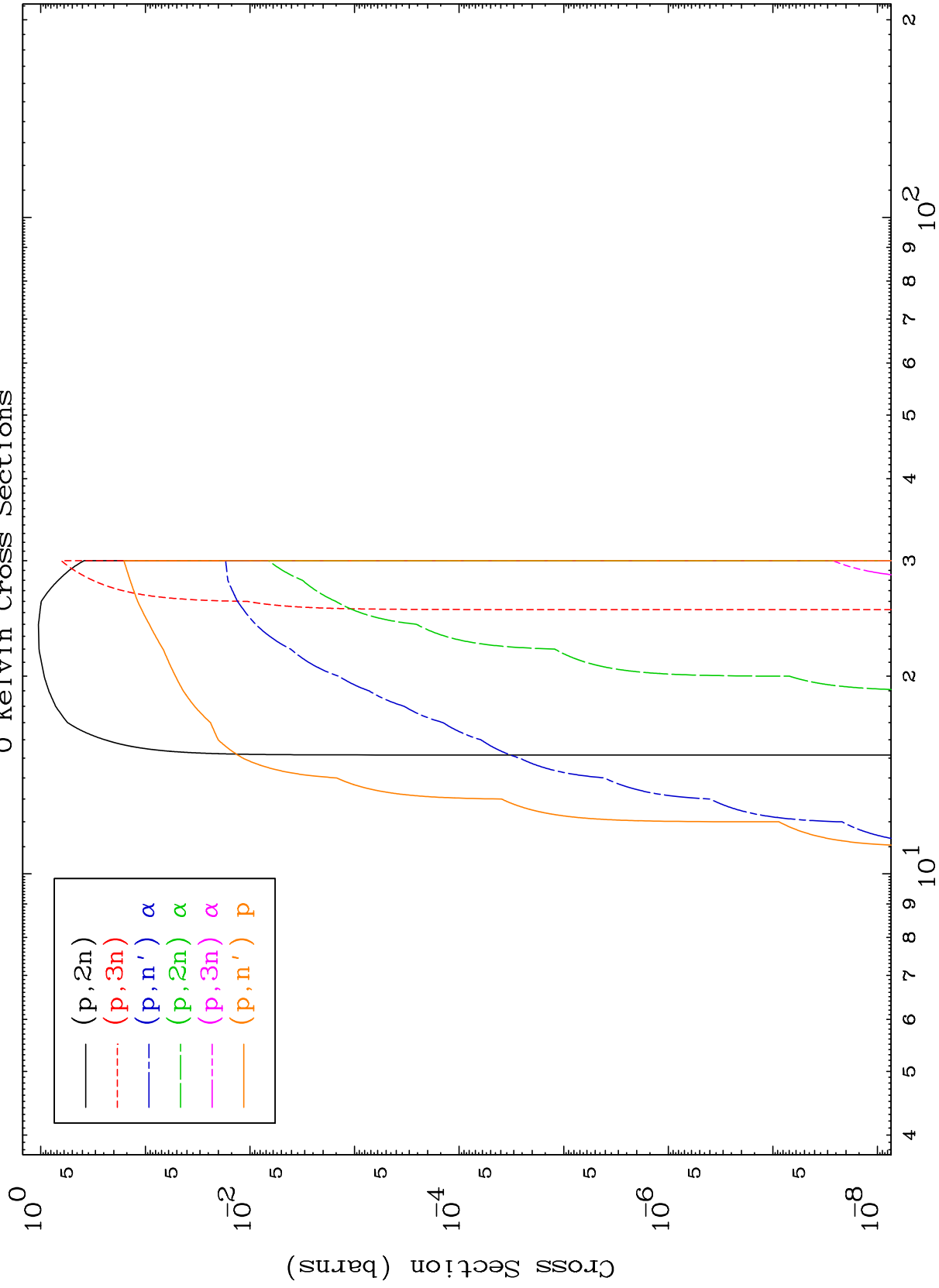


70-Yb-164

MAT 7013

Proton Neutron Production  
0 Kelvin Cross Sections

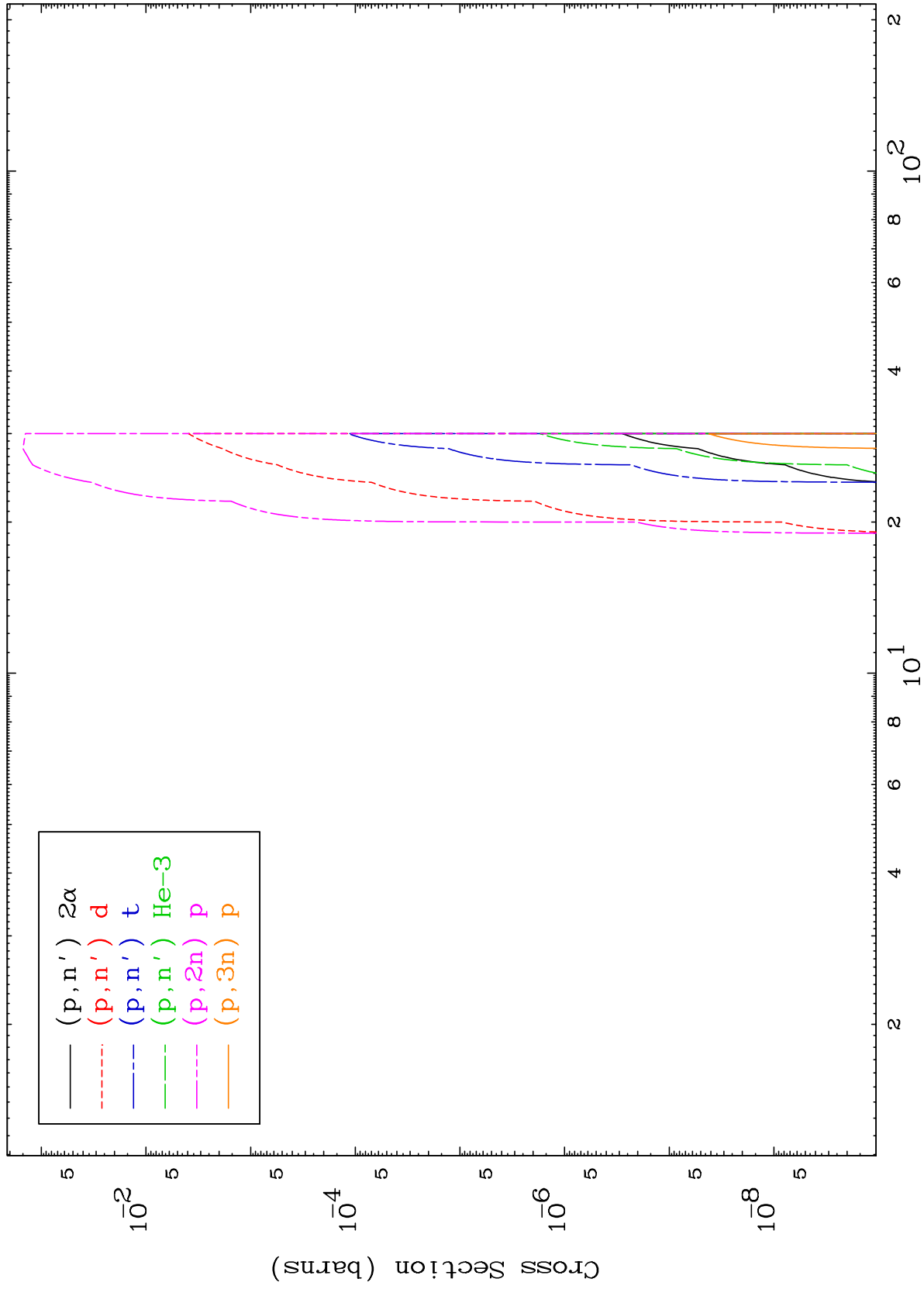
70-Yb-164



2

Incident Energy (MeV)

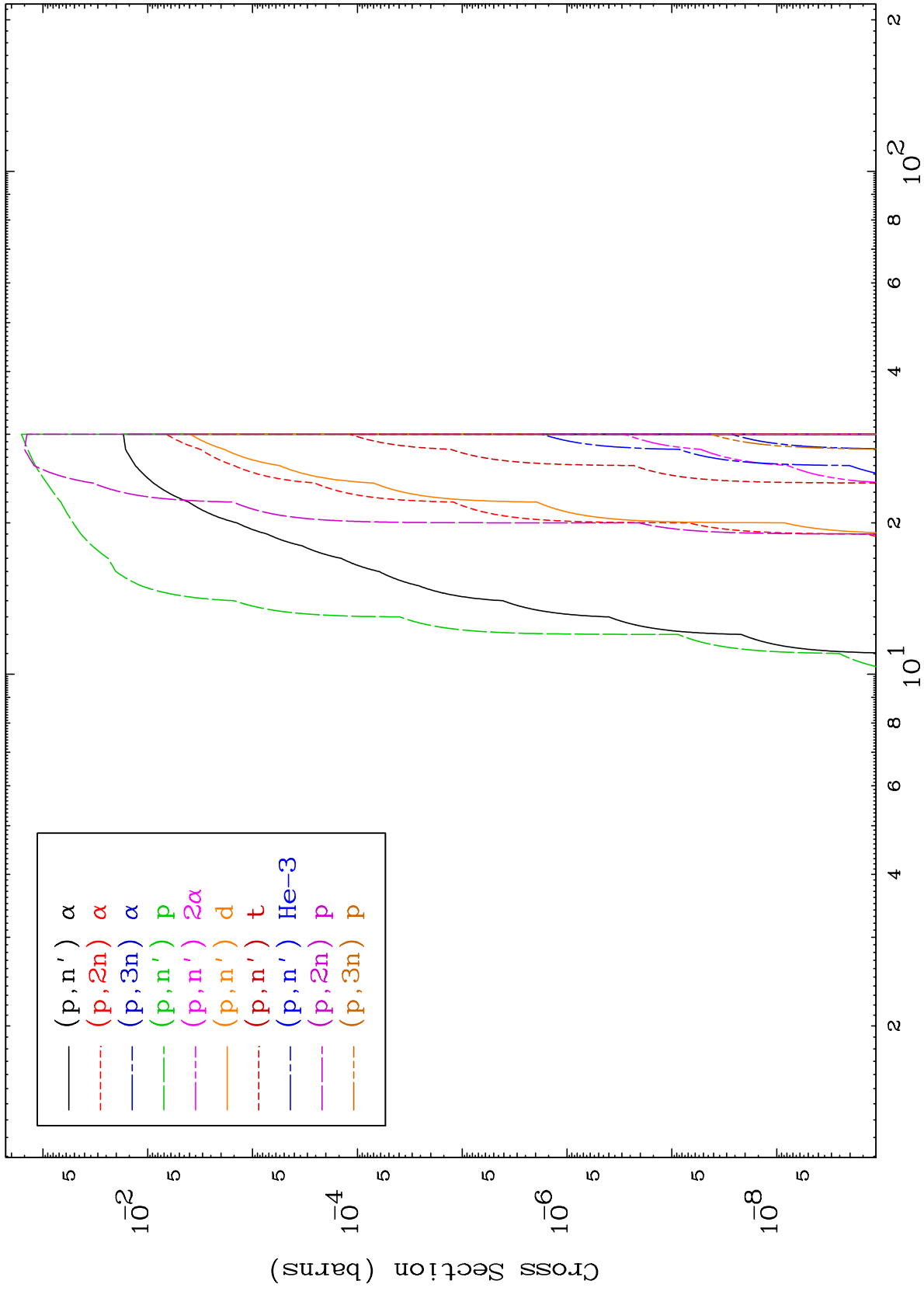
70-Yb-164



MAT 7013

Proton Charged Particle  
0 Kelvin Cross Sections

70-Yb-164



4

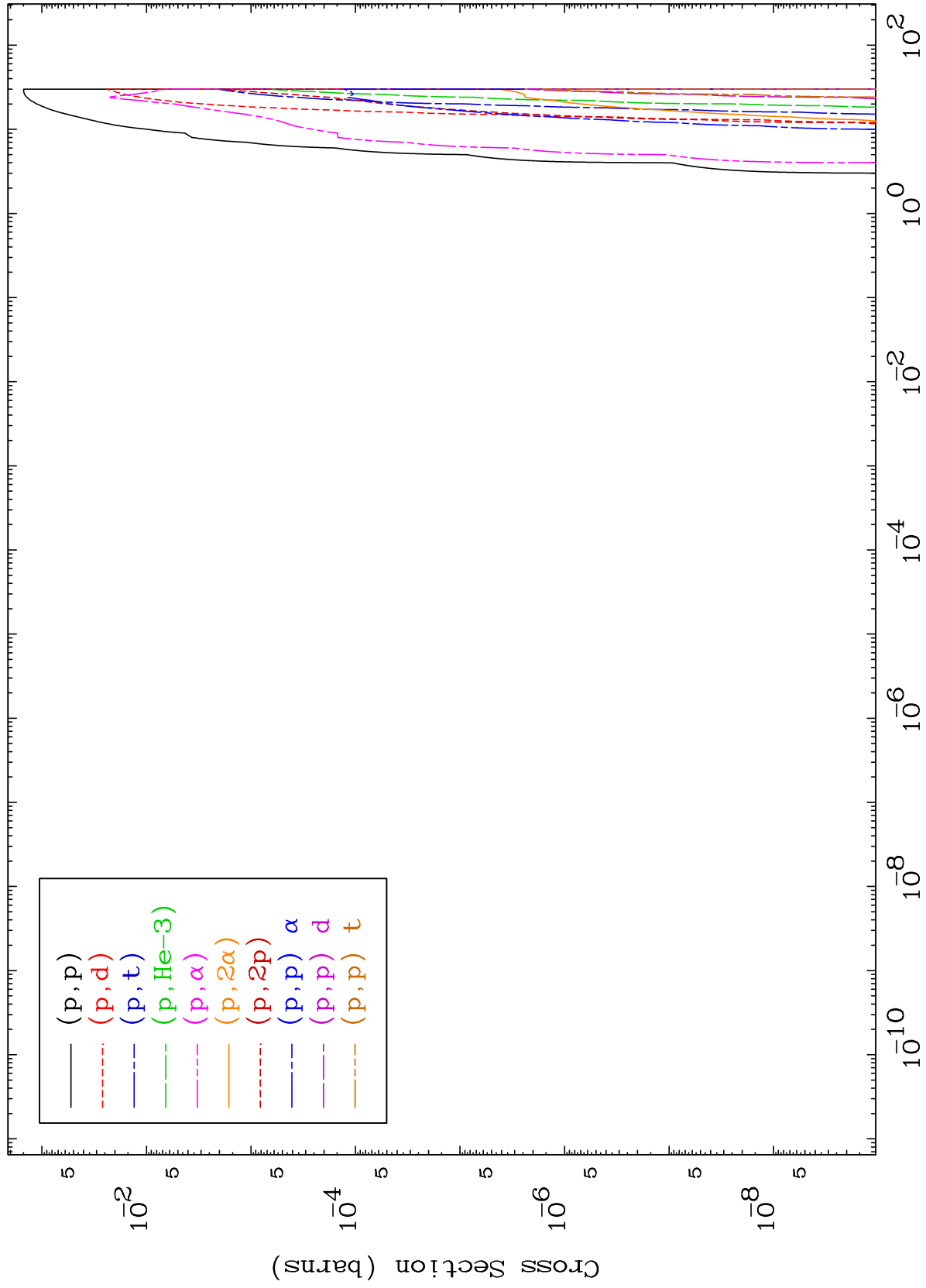
Incident Energy (MeV)

70-Yb-164

MAT 7013

Proton Charged Particle  
0 Kelvin Cross Sections

70-Yb-164



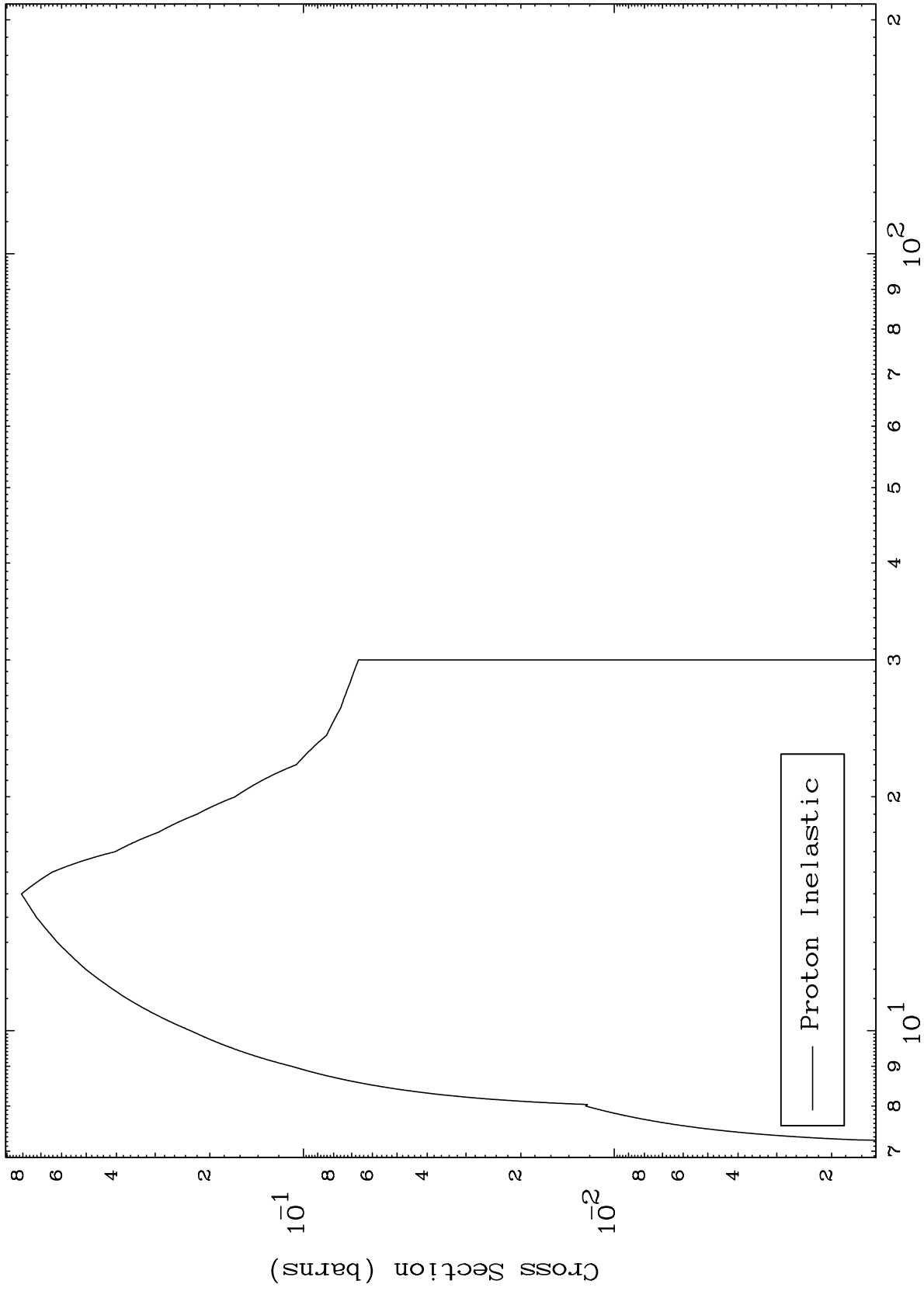
5

70-Yb-164

MAT 7013

(p,n') Level  
0 Kelvin Cross Sections

70-Yb-164



6

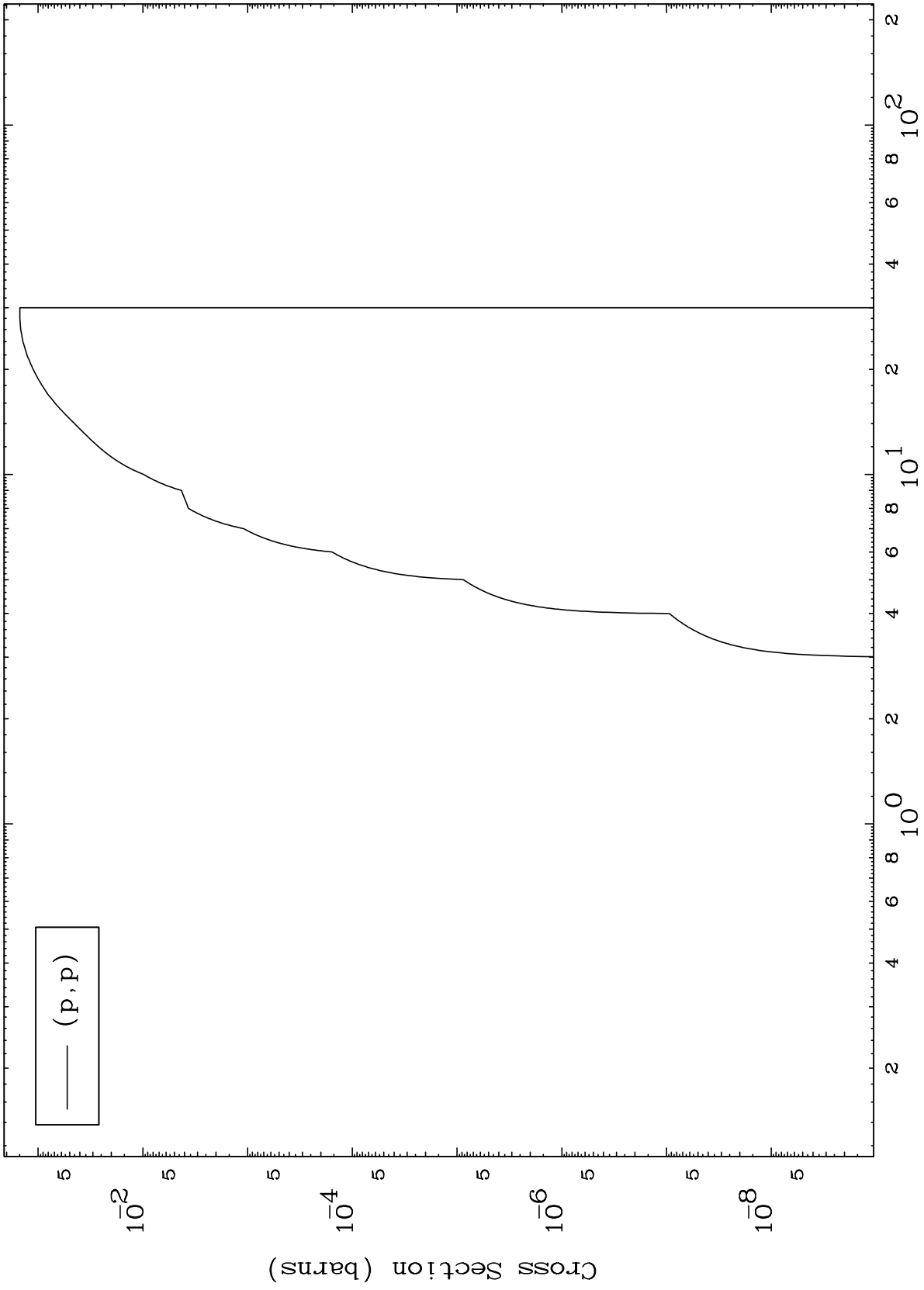
Incident Energy (MeV)

70-Yb-164

MAT 7013

(p,p) Levels  
0 Kelvin Cross Sections

70-Yb-164



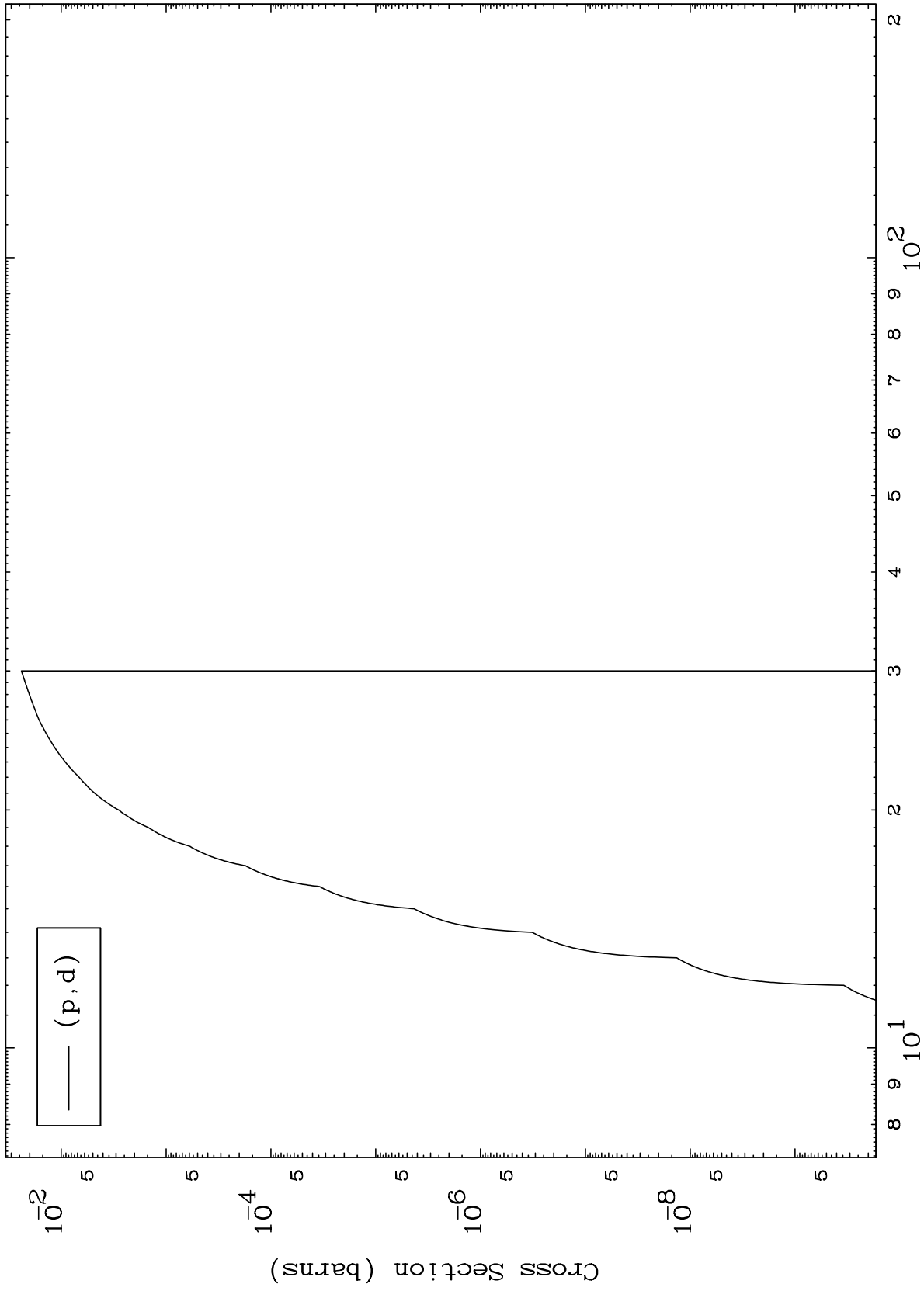
70-Yb-164



MAT 7013

(p,d) Levels  
0 Kelvin Cross Sections

70-Yb-164



8

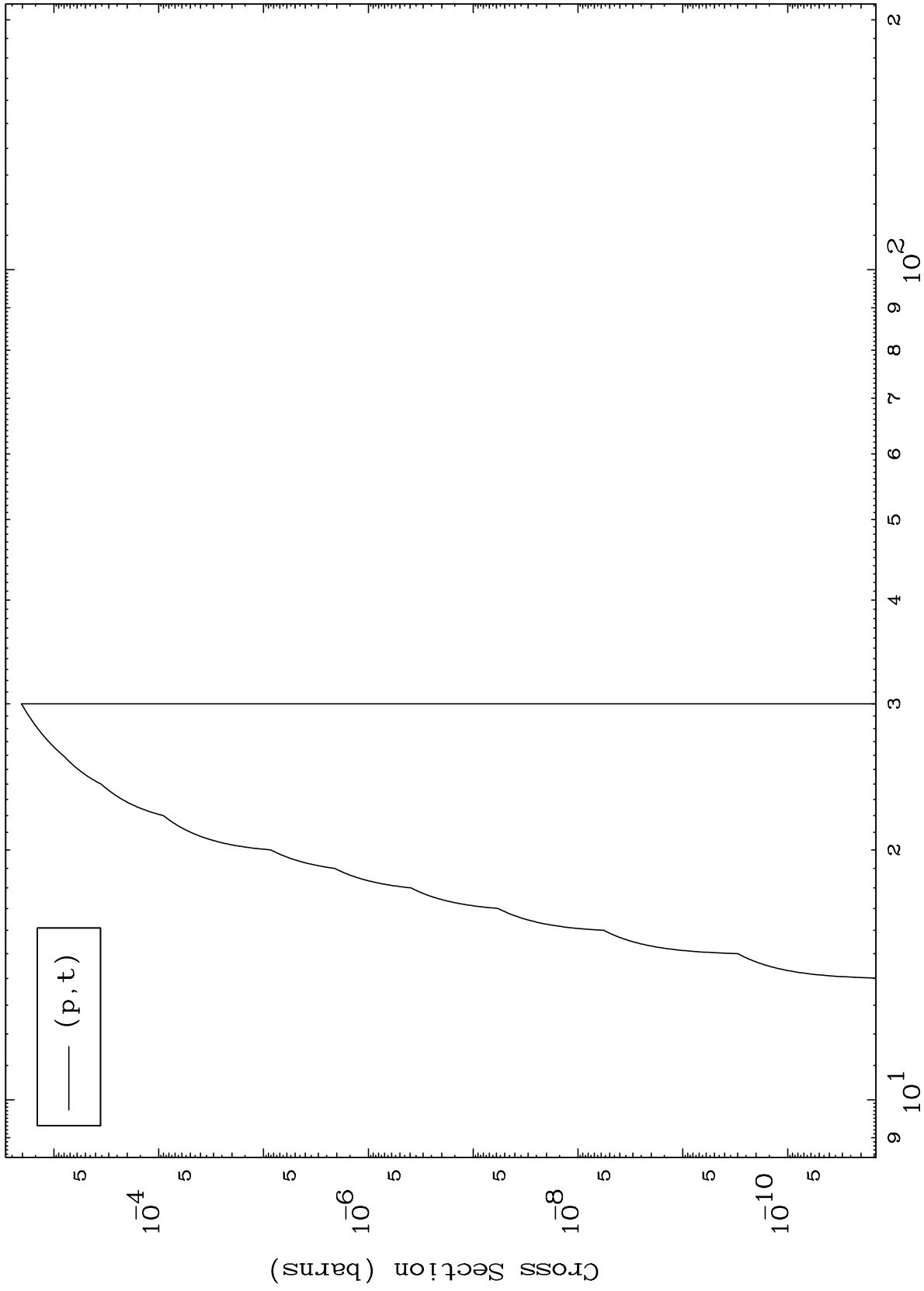
Incident Energy (MeV)

70-Yb-164

MAT 7013

(p,t) Levels  
0 Kelvin Cross Sections

70-Yb-164



9

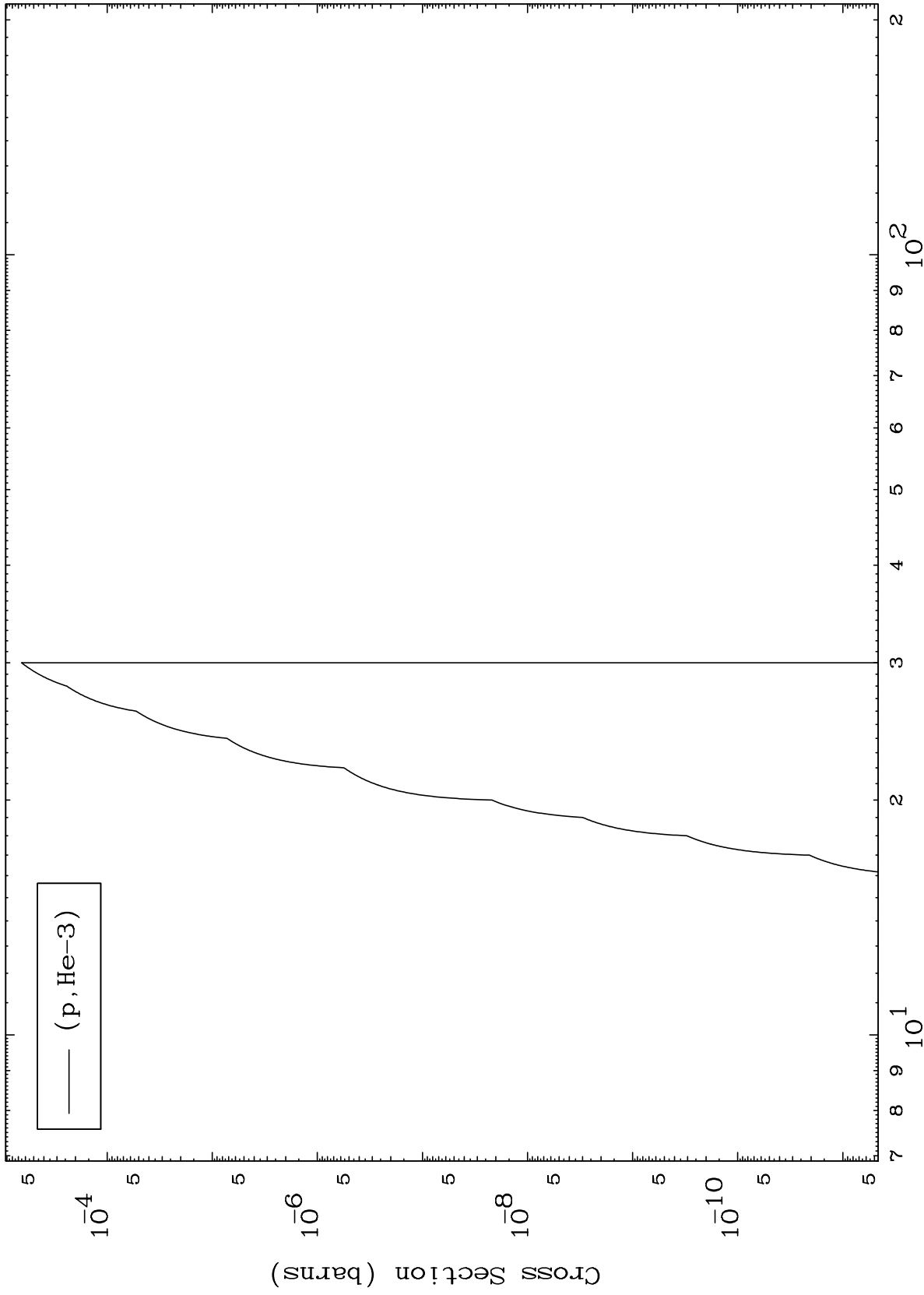
Incident Energy (MeV)

70-Yb-164

MAT 7013

(p,He3) Levels  
0 Kelvin Cross Sections

70-Yb-164



10

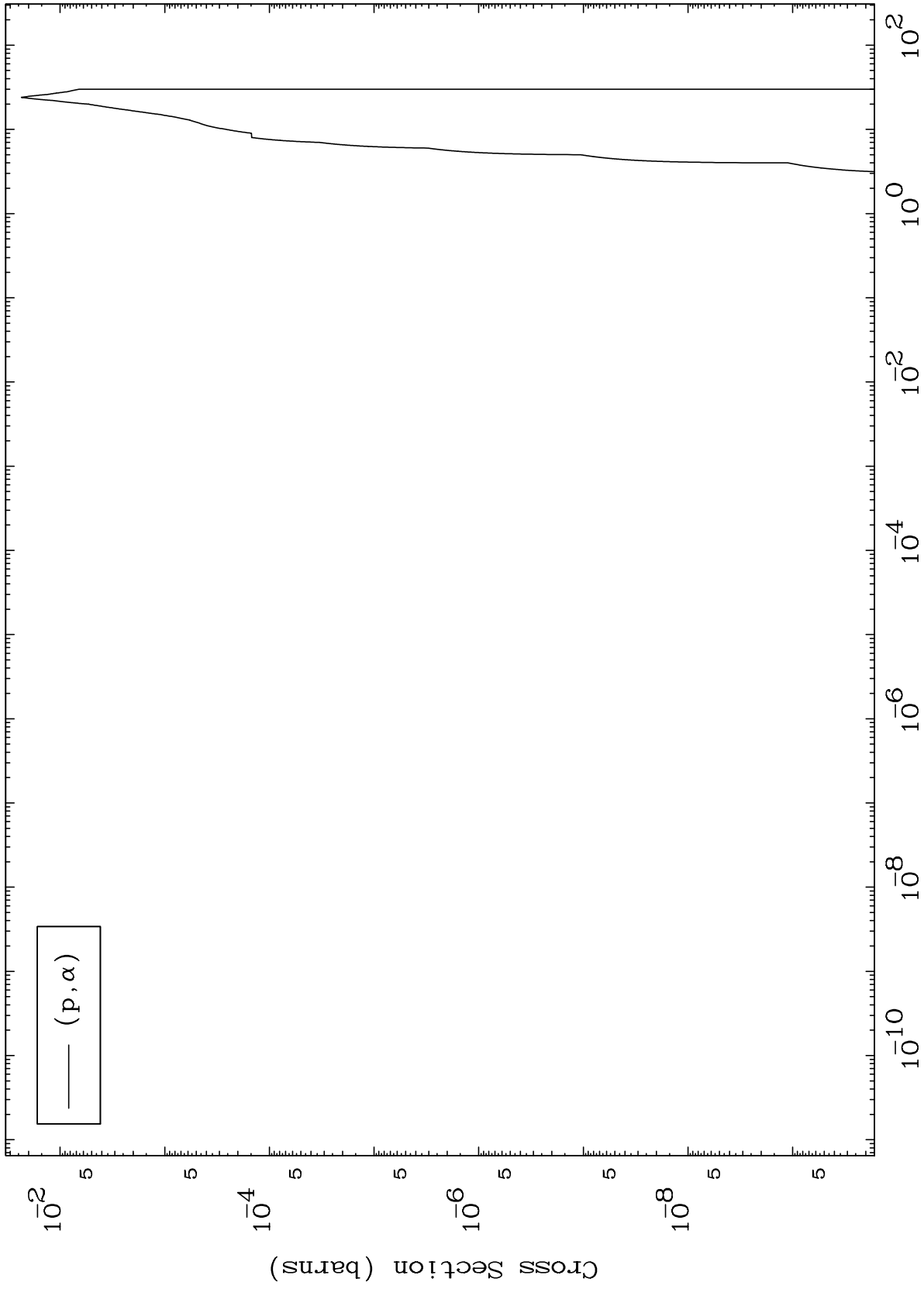
Incident Energy (MeV)

70-Yb-164

MAT 7013

(p,α) Levels  
0 Kelvin Cross Sections

70-Yb-164

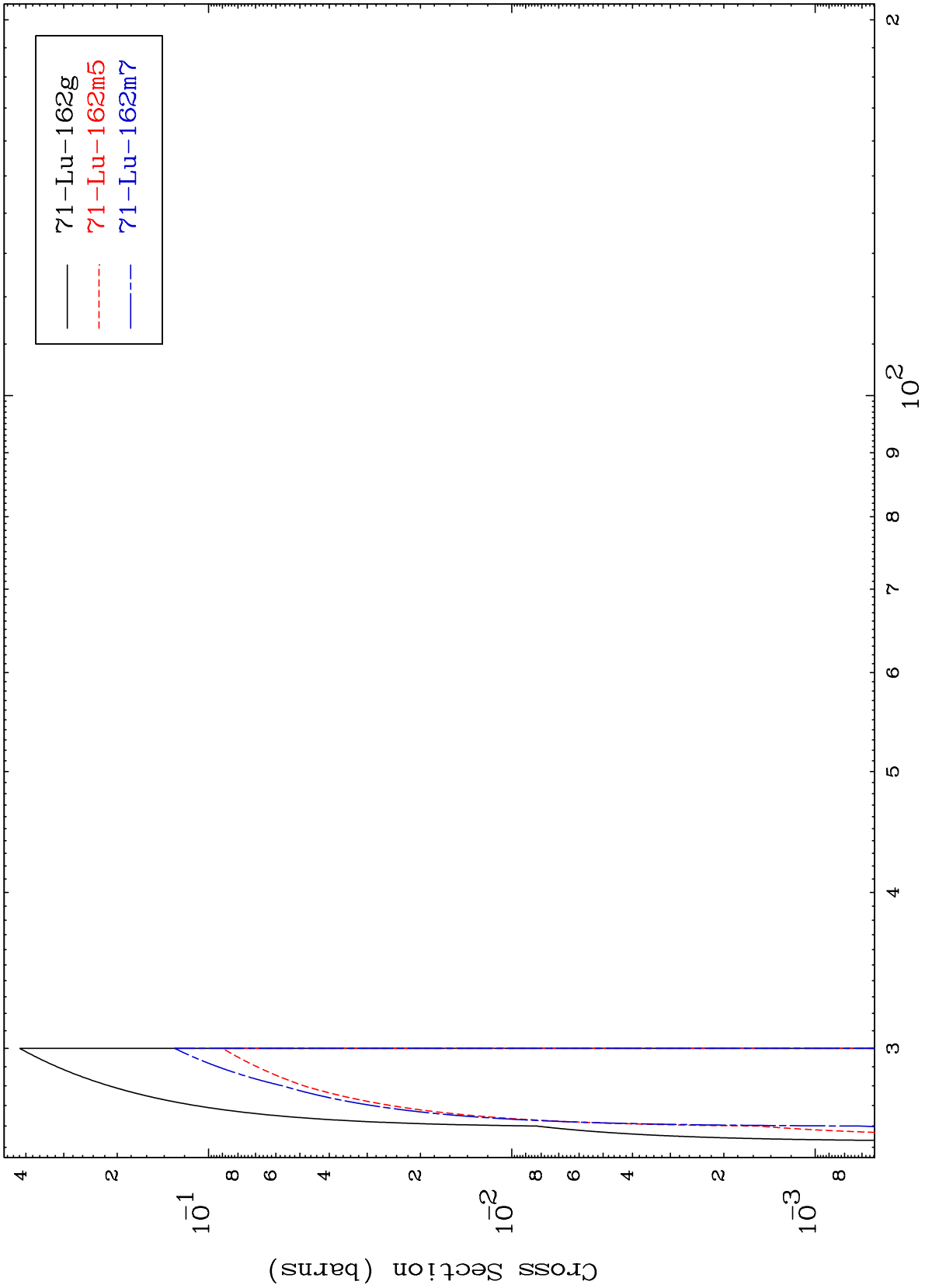


MAT 7013

(p,3n)

70-Yb-164

Radionuclide Production Cross Section



12

Incident Energy (MeV)

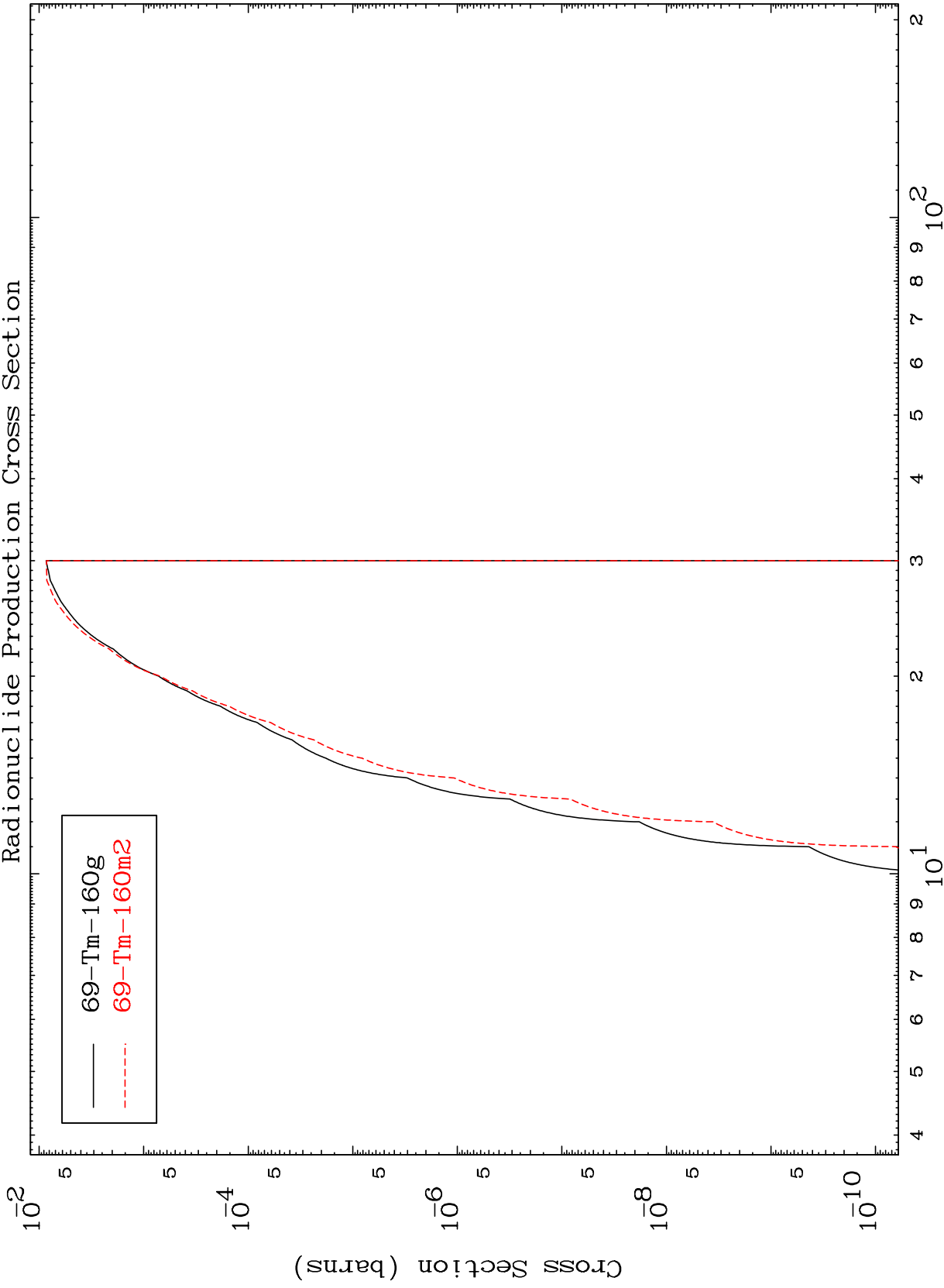
70-Yb-164

MAT 7013

(p,n')  $\alpha$

70-Yb-164

Radionuclide Production Cross Section



13

Incident Energy (MeV)

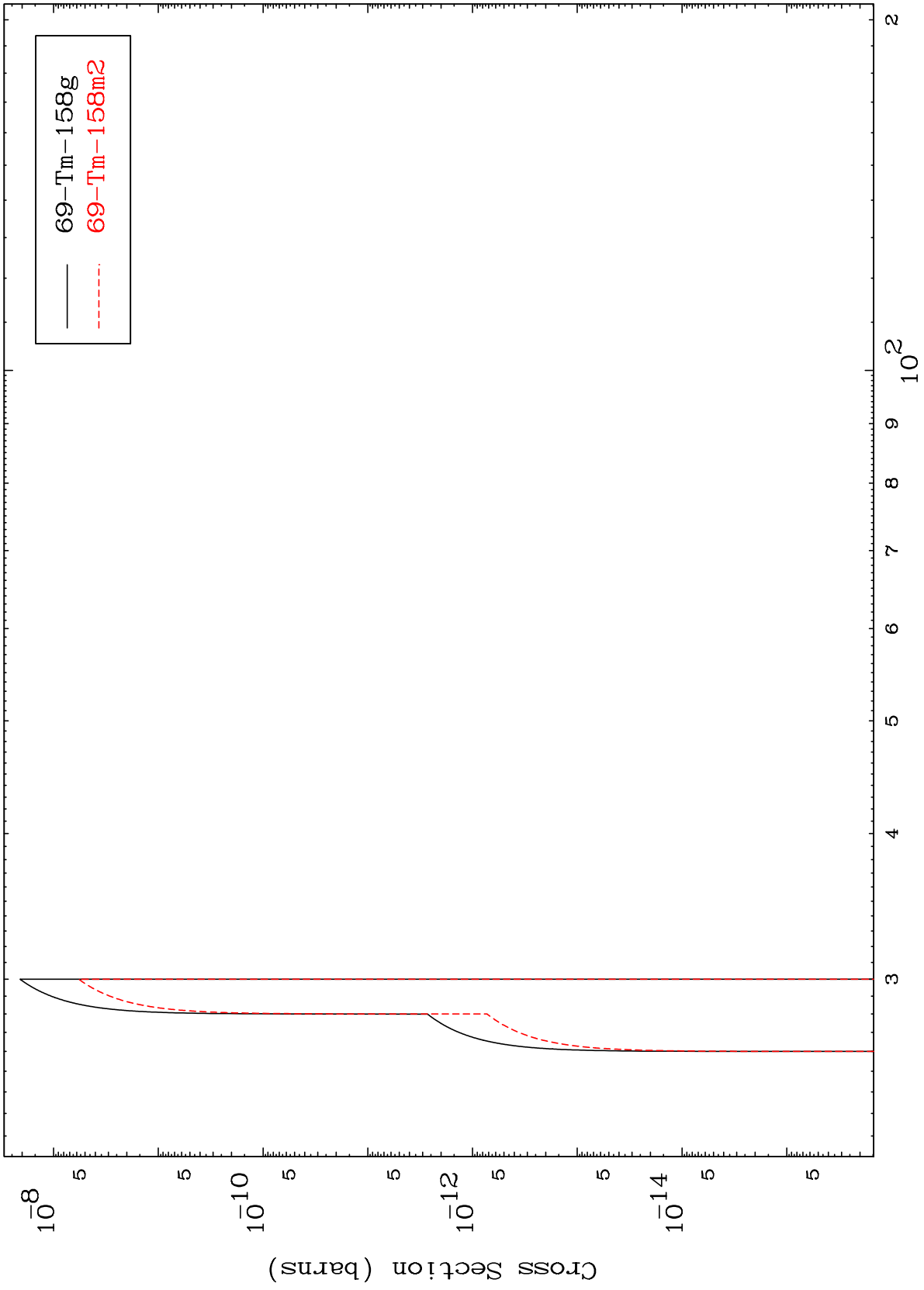
70-Yb-164

MAT 7013

(p,3n)  $\alpha$

70-Yb-164

Radionuclide Production Cross Section



14

Incident Energy (MeV)

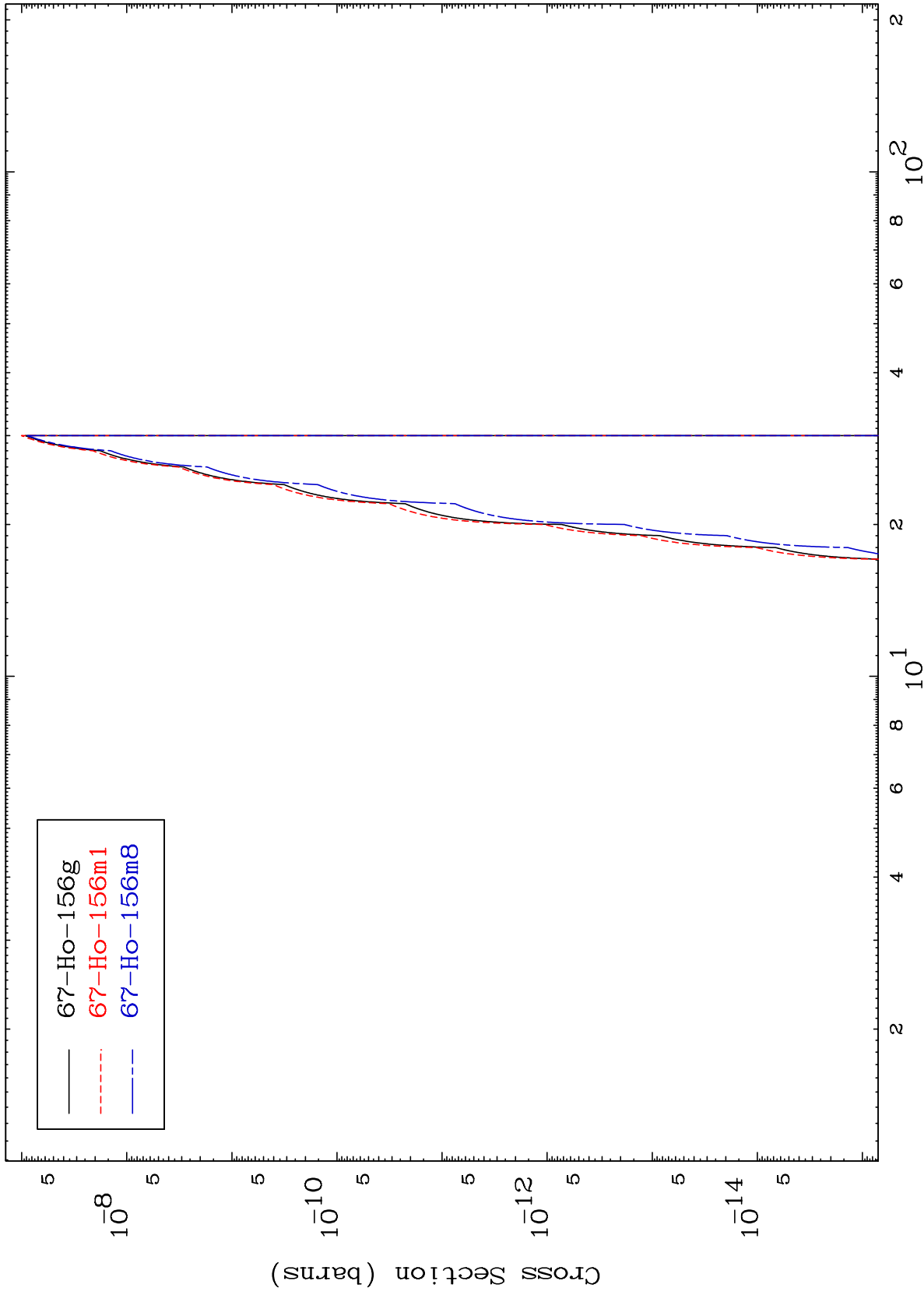
70-Yb-164

MAT 7013

(p,n')  $2\alpha$

$^{70}\text{Yb}-164$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{70}\text{Yb}-164$

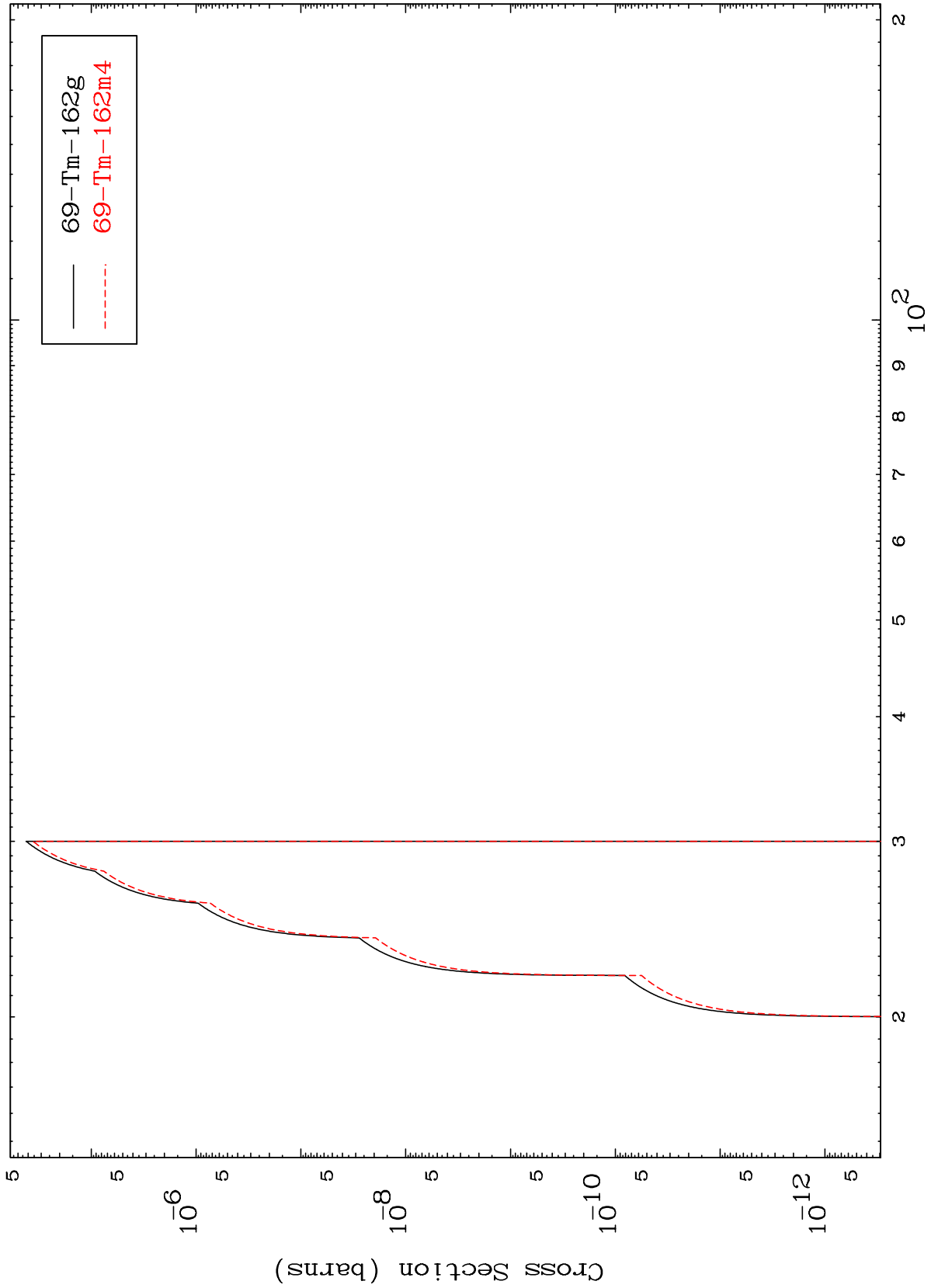


MAT 7013

(p,2n) p

70-Yb-164

Radionuclide Production Cross Section



16

Incident Energy (MeV)

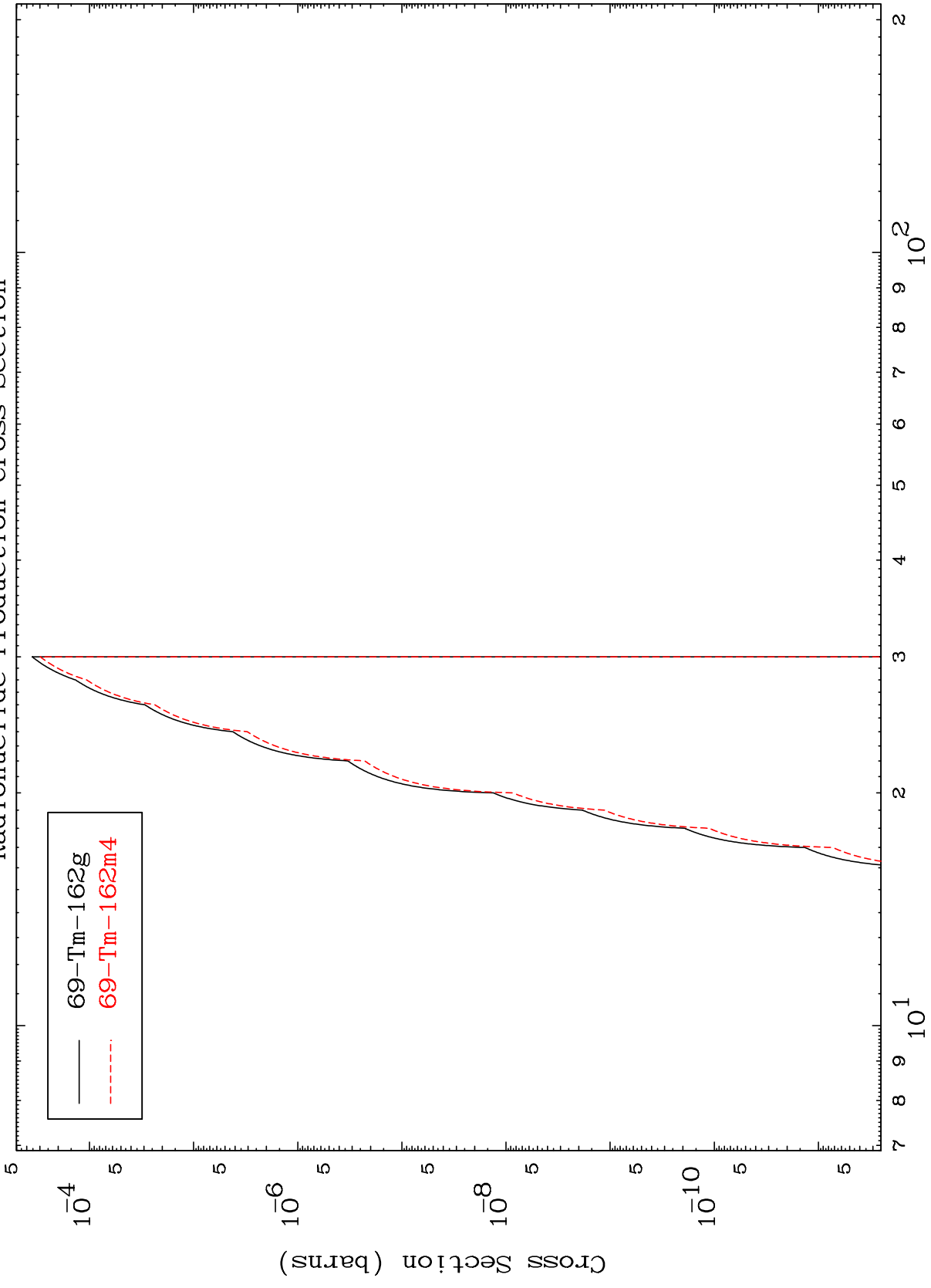
70-Yb-164

MAT 7013

(p,He-3)

70-Yb-164

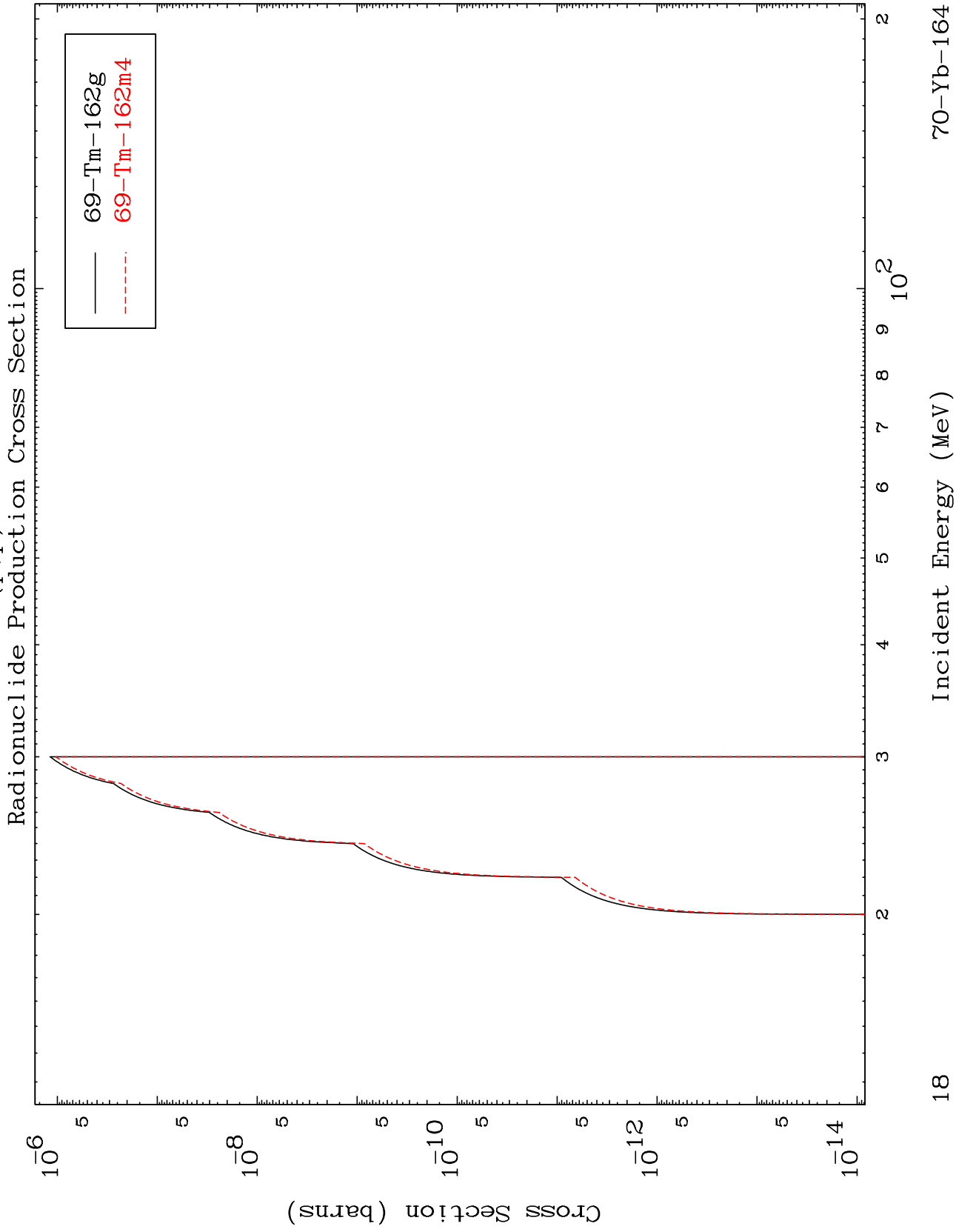
Radionuclide Production Cross Section



MAT 7013

(p,p) d

70-Yb-164



18

70-Yb-164