

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

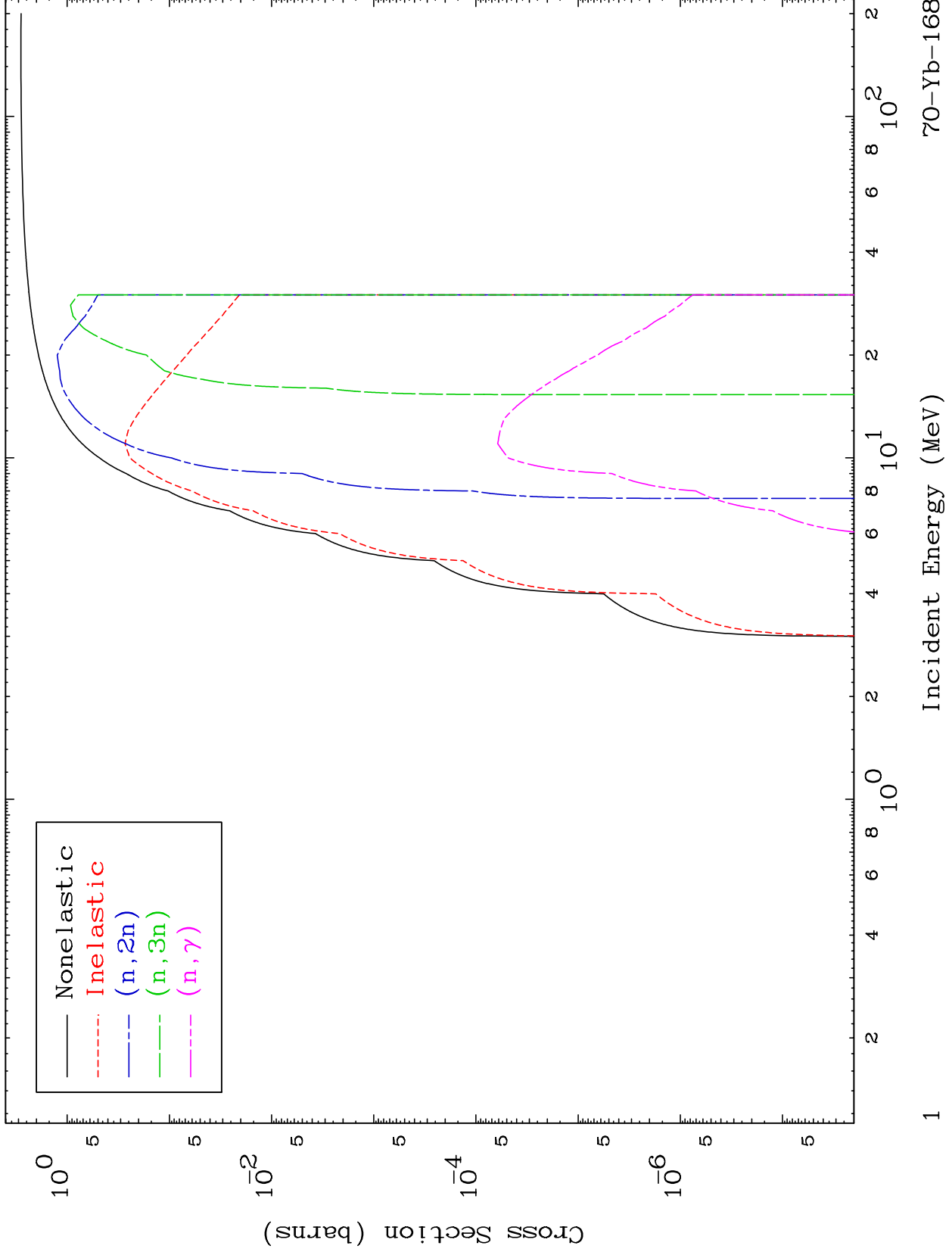
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

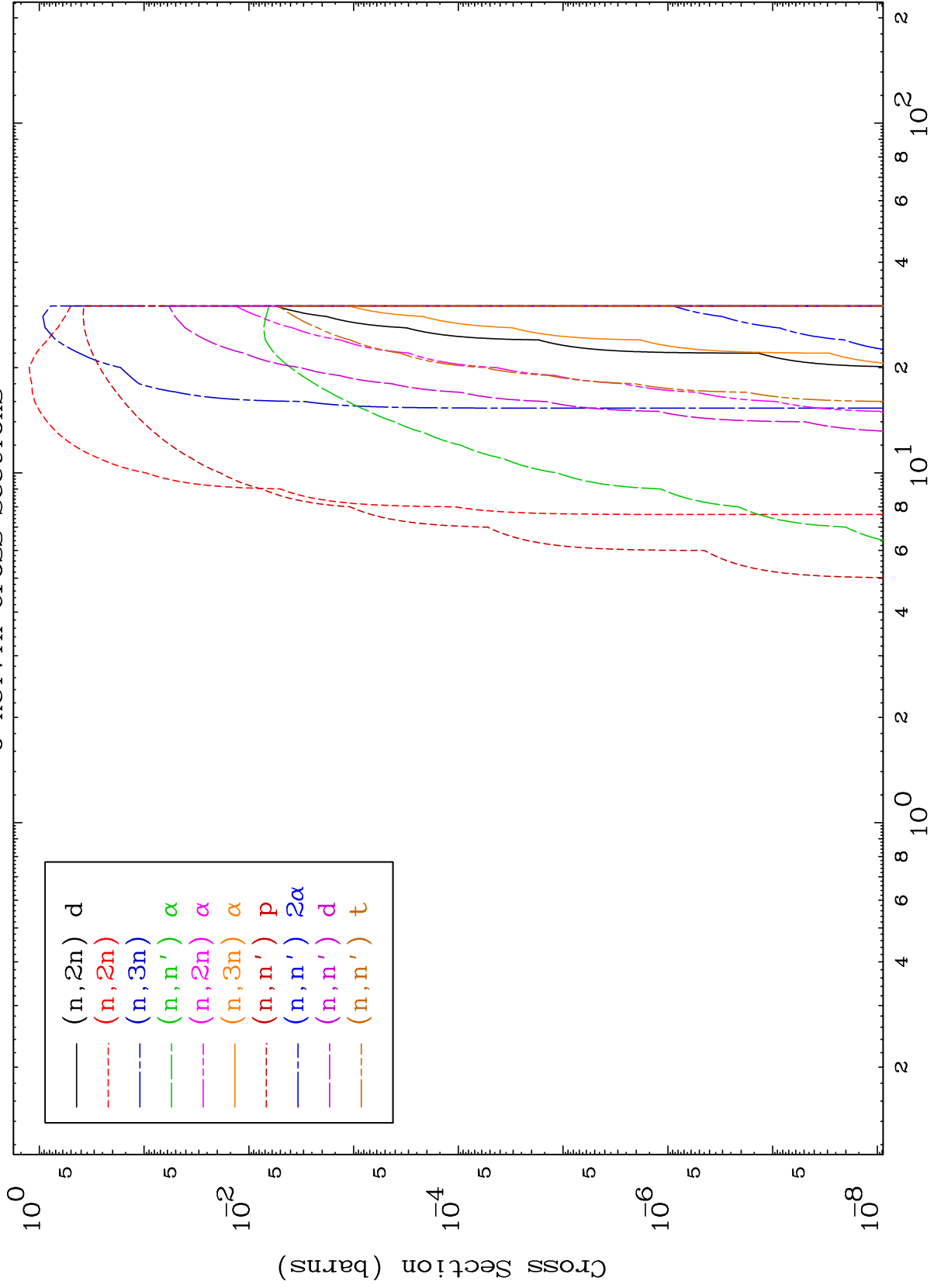
Press Mouse Button to Start

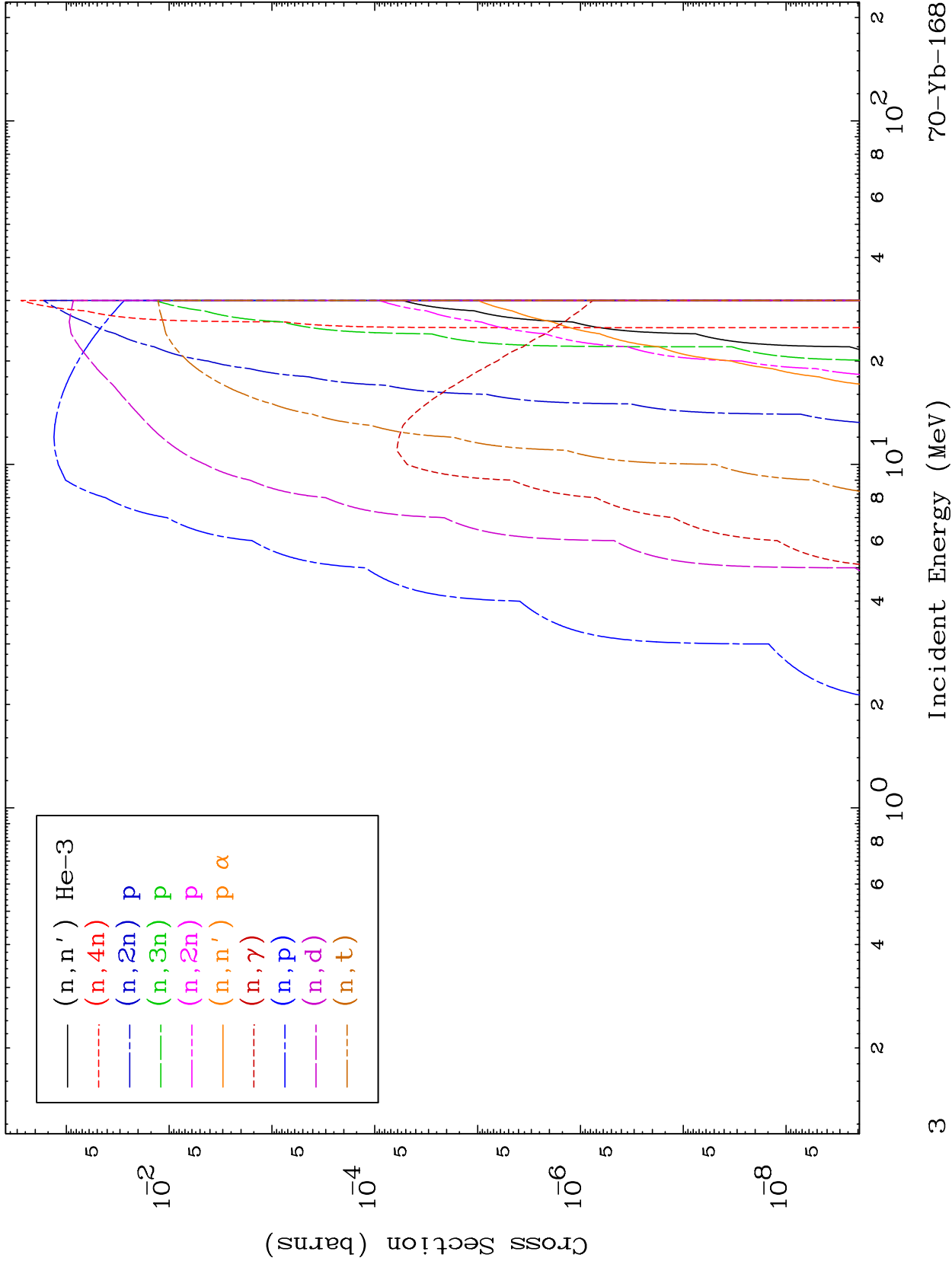


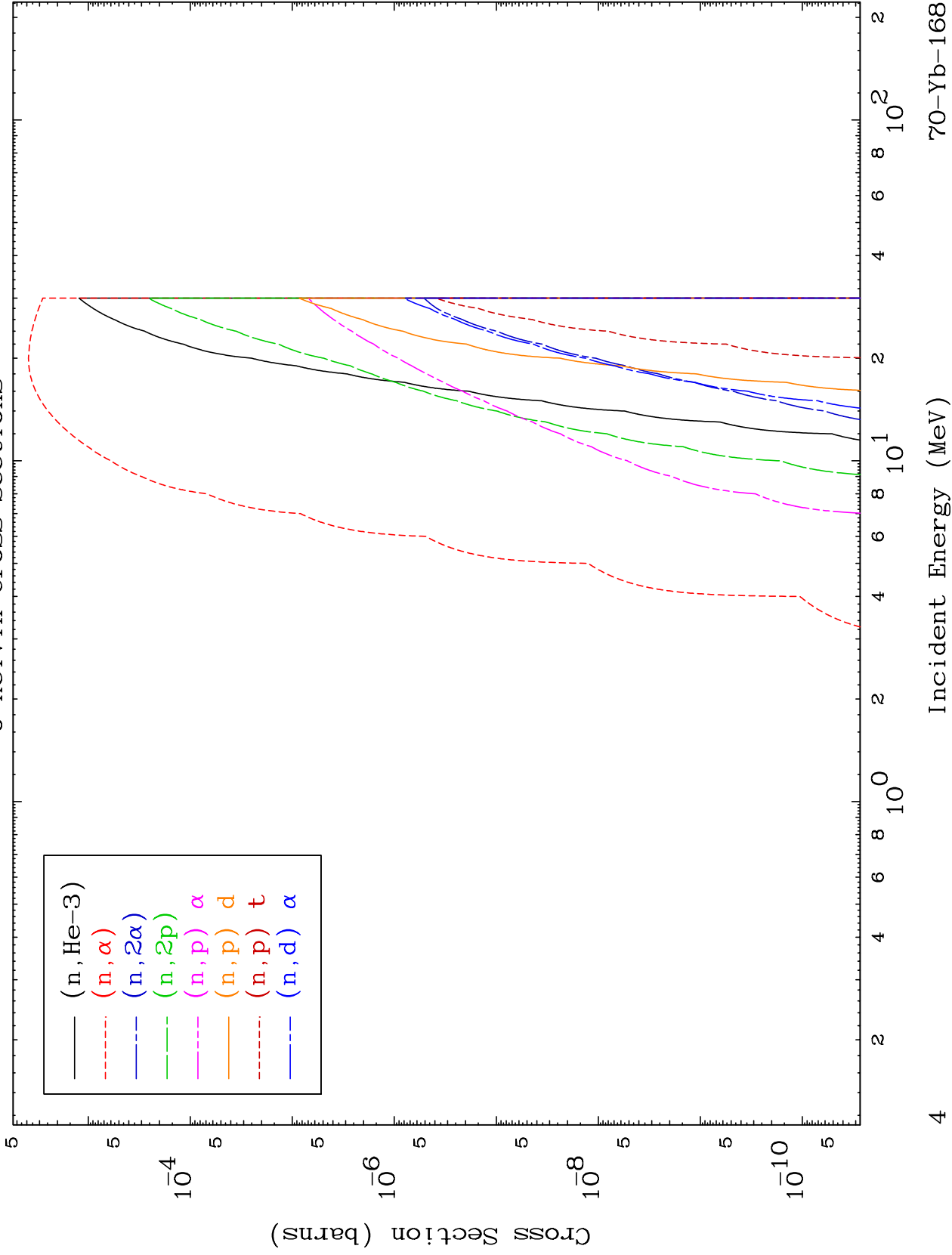
MAT 7025

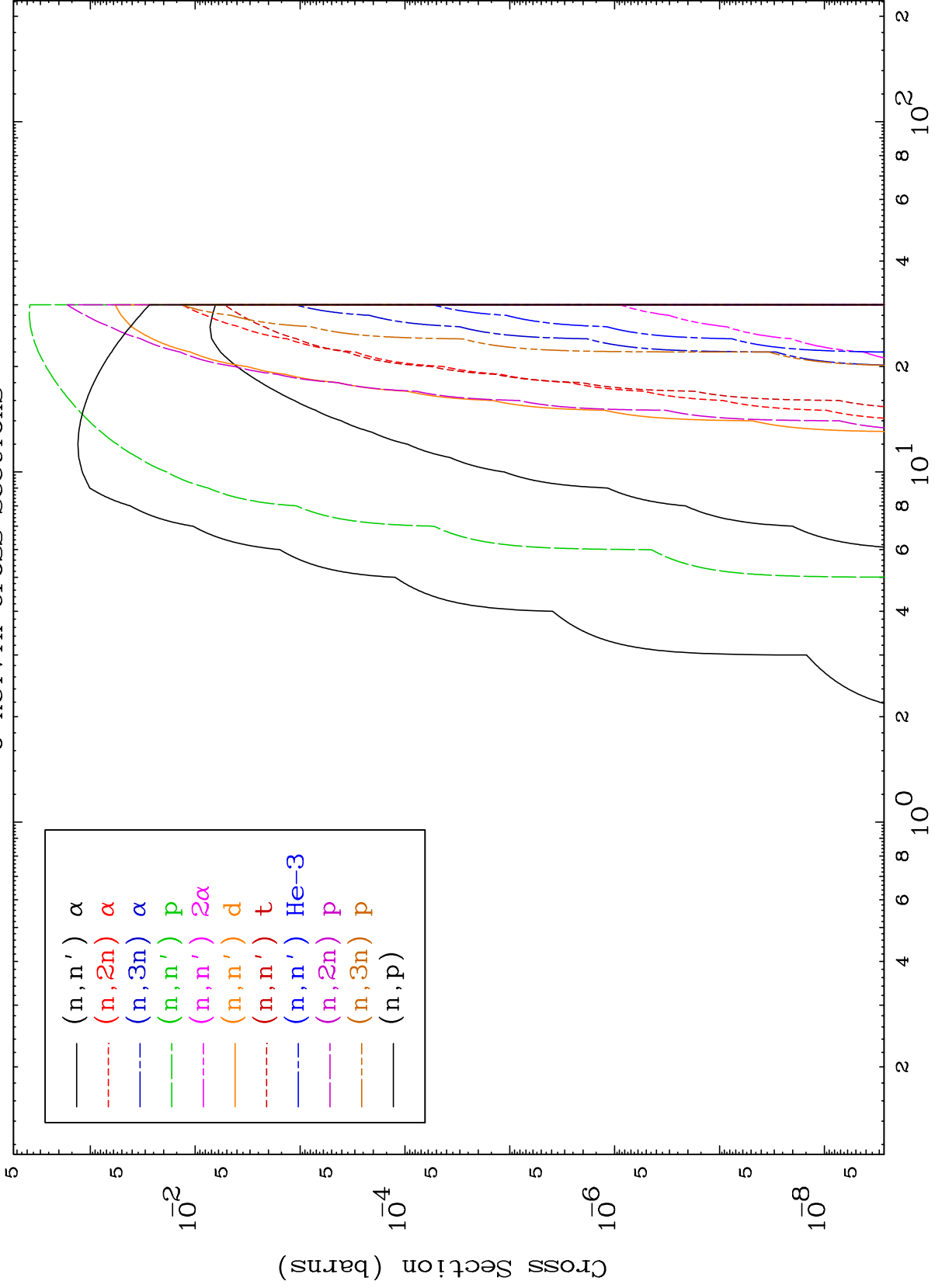
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-168





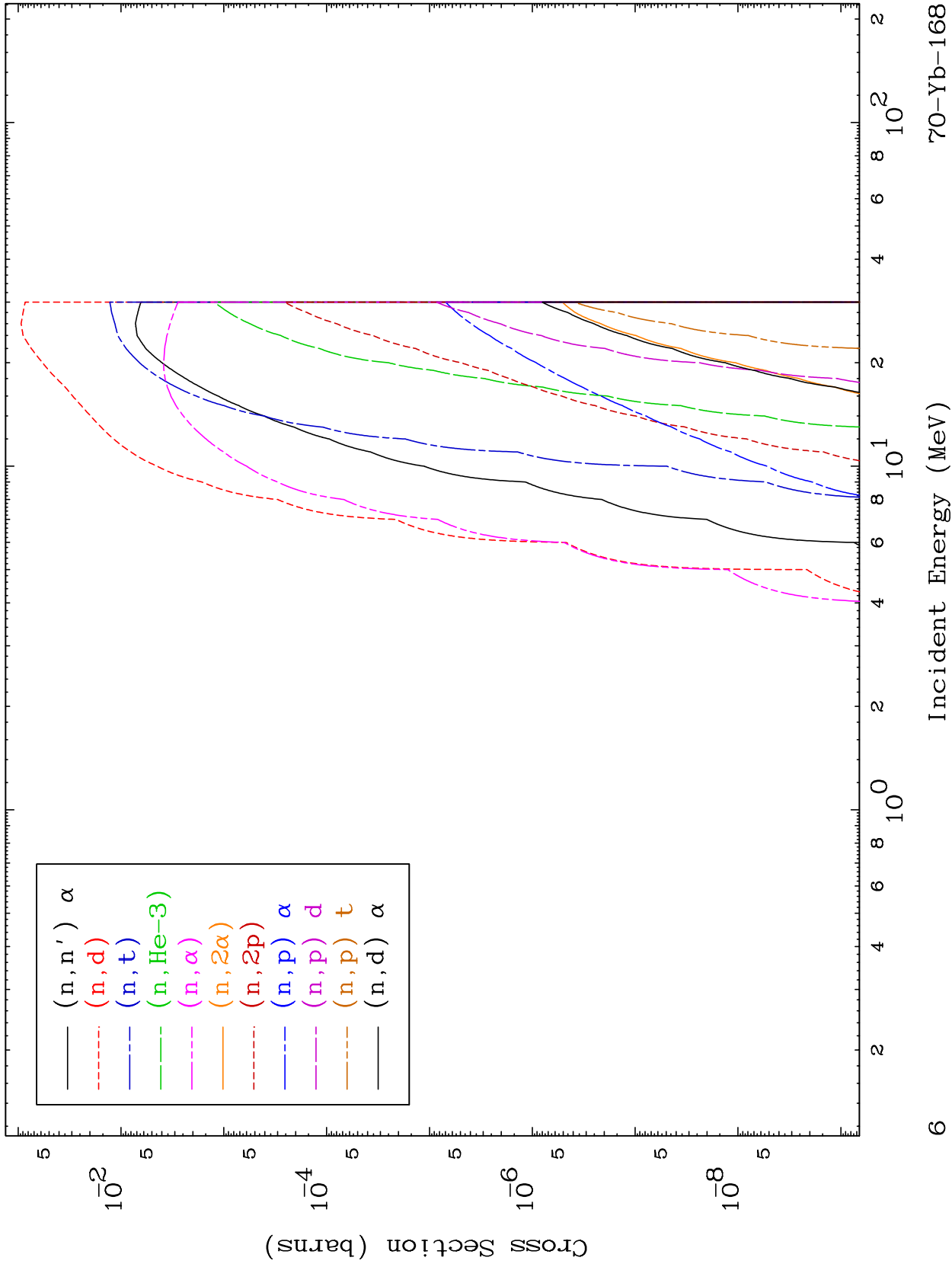




MAT 7025

Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-168

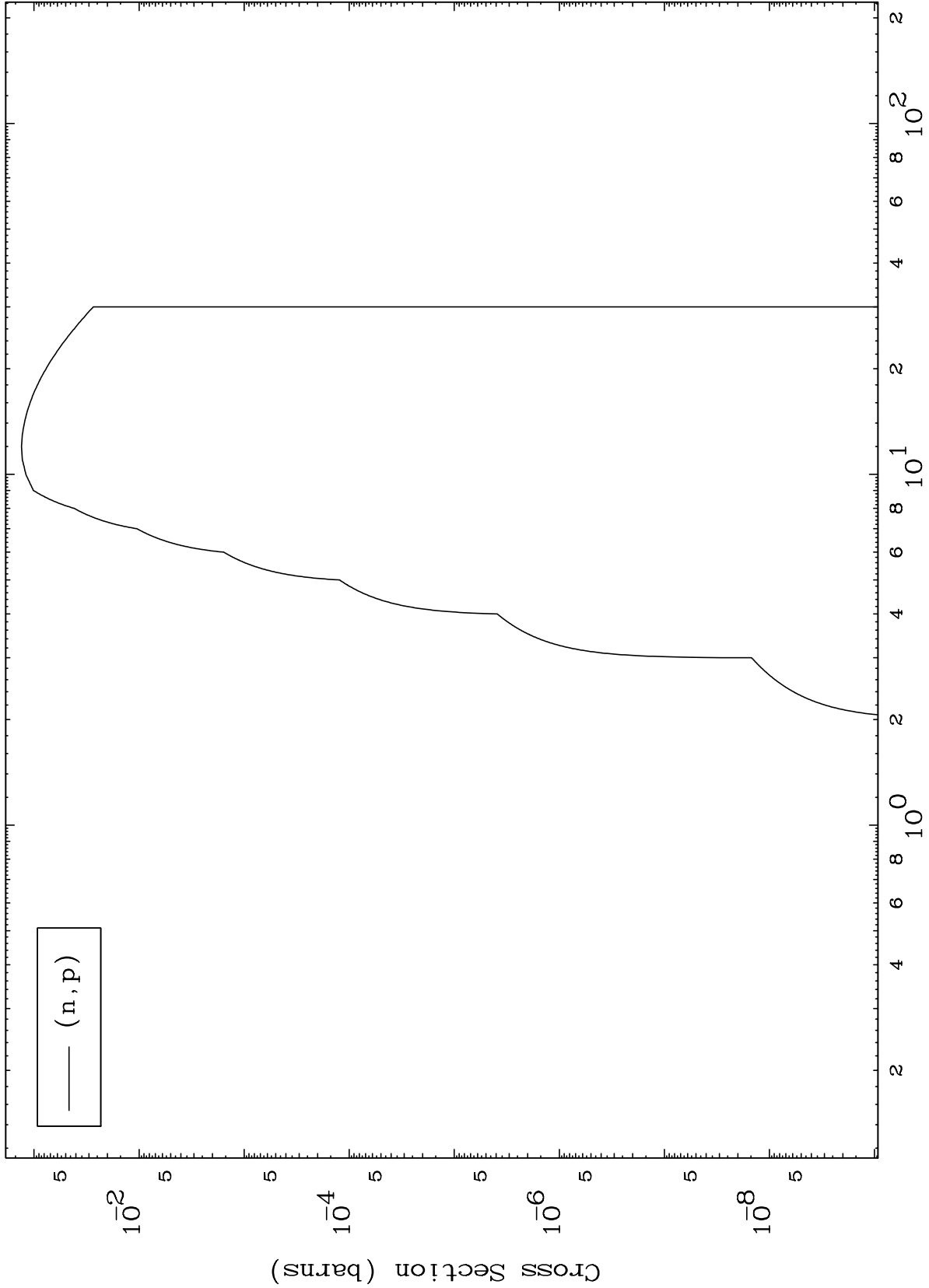


MAT 7025

(d,p) Levels

70-Yb-168

0 Kelvin Cross Sections

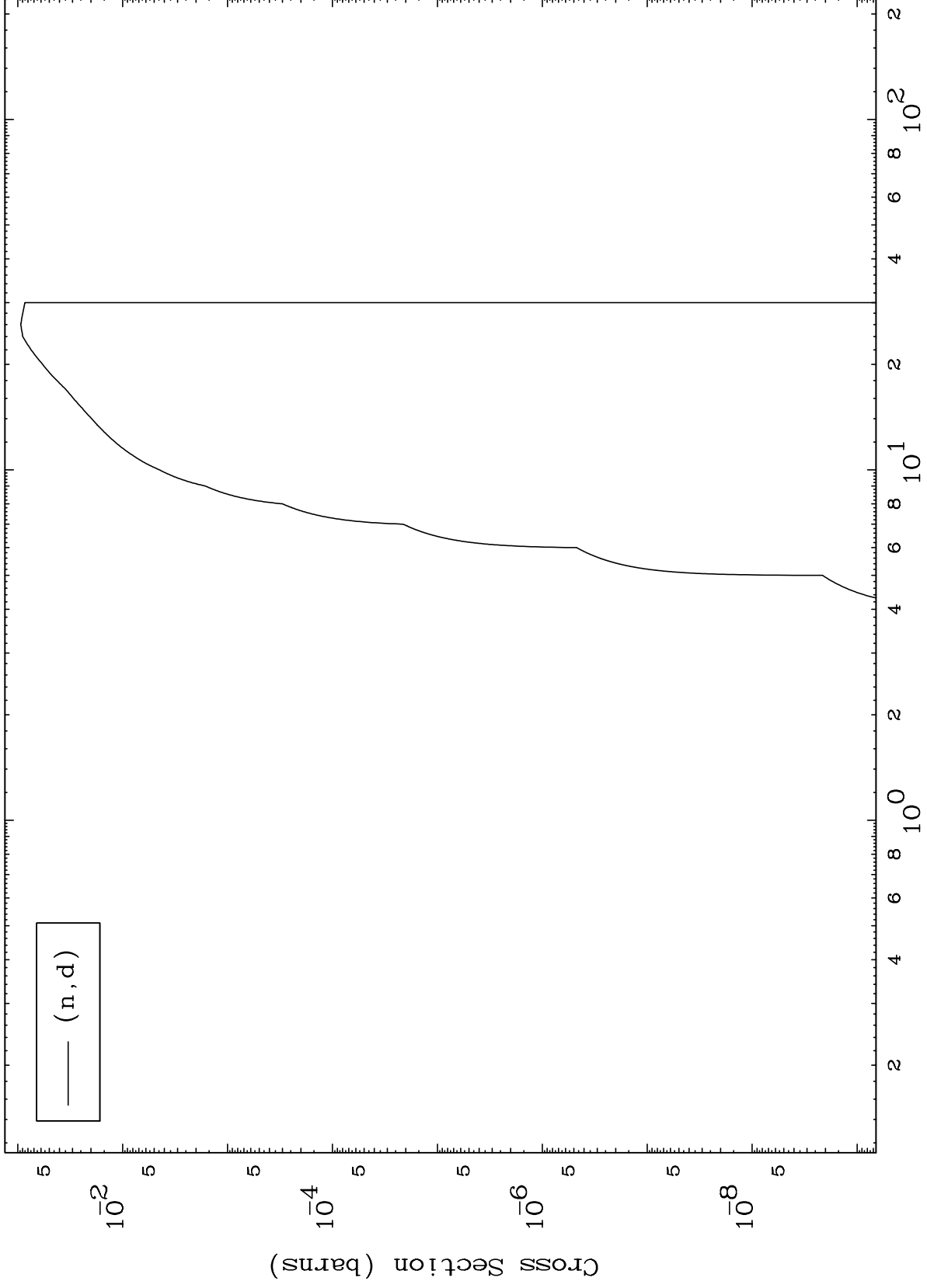


MAT 7025

(d,d) Levels

70-Yb-168

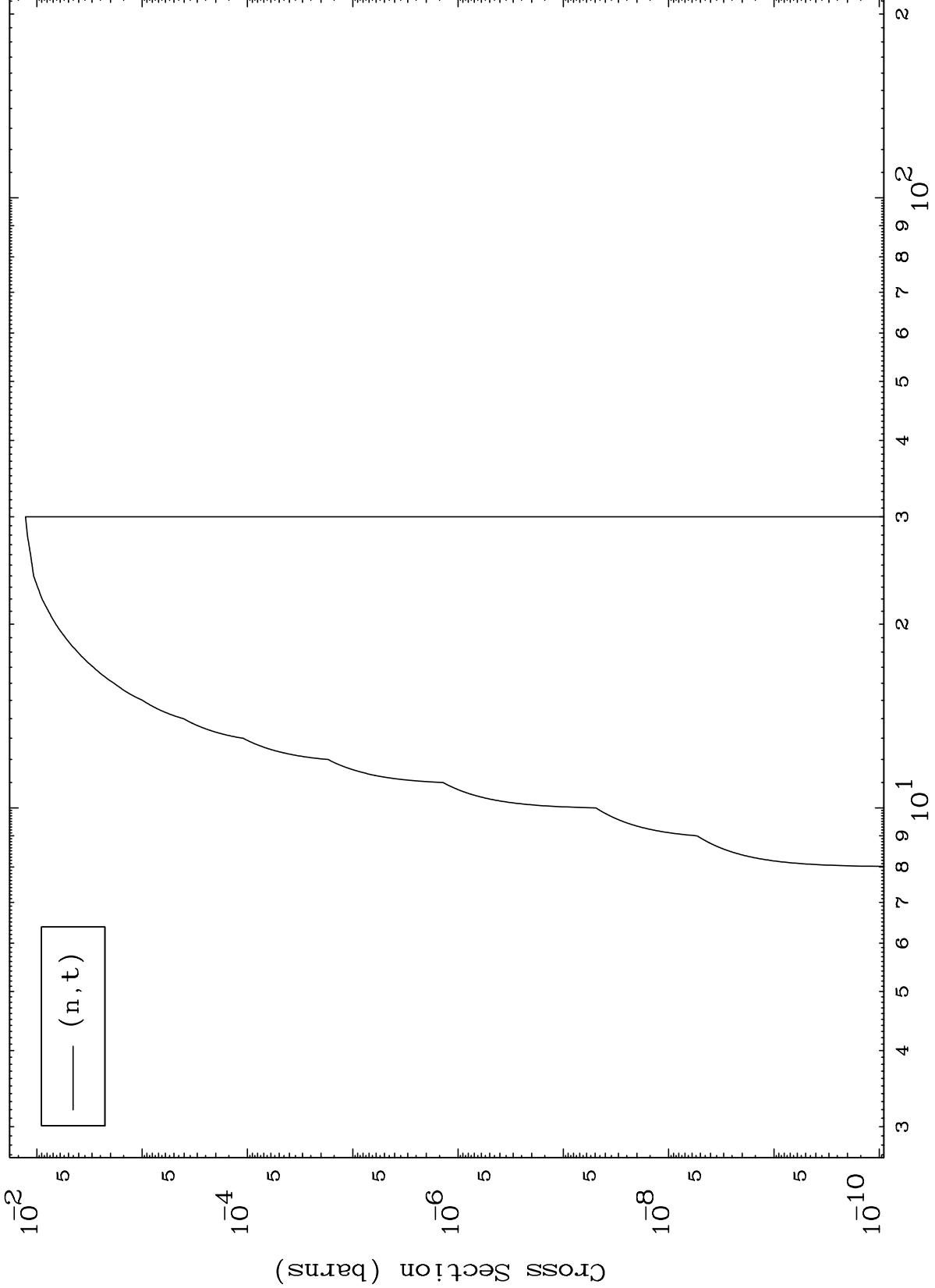
0 Kelvin Cross Sections



MAT 7025

(d, t) Levels  
0 Kelvin Cross Sections

70-Yb-168

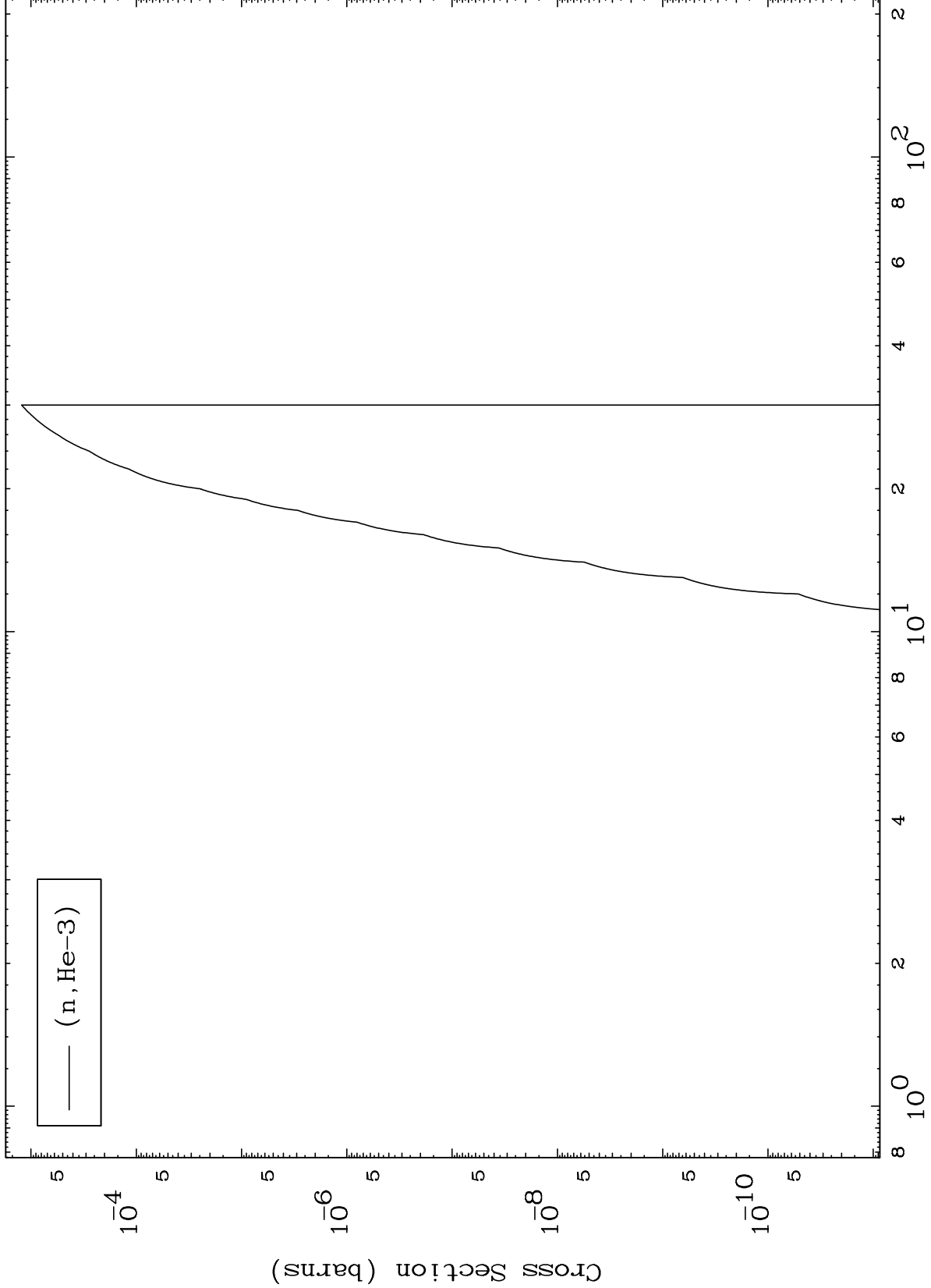


MAT 7025

(d,He3) Levels

70-Yb-168

0 Kelvin Cross Sections



(n, He-3)

10

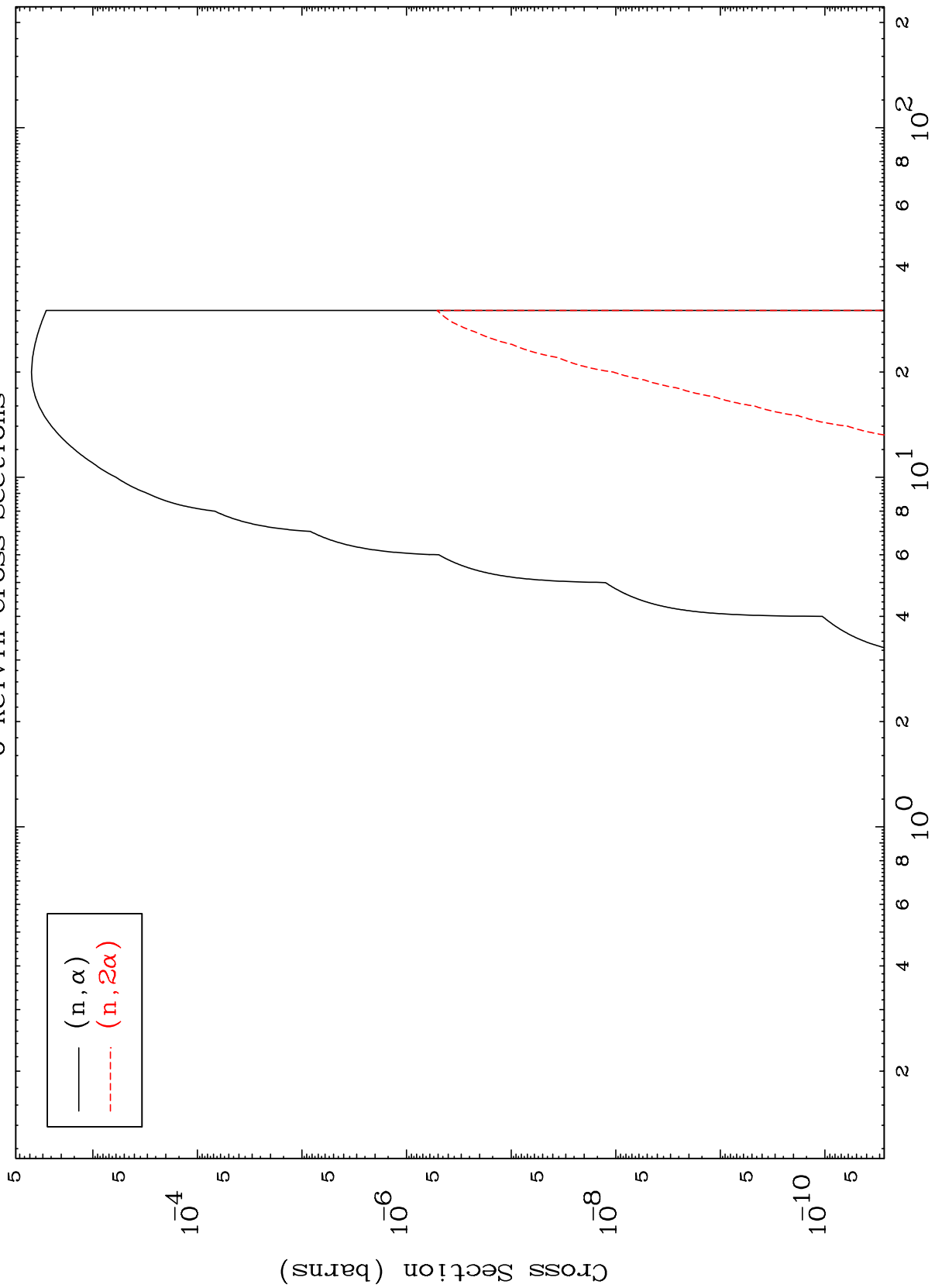
Incident Energy (MeV)

70-Yb-168

MAT 7025

70-Yb-168

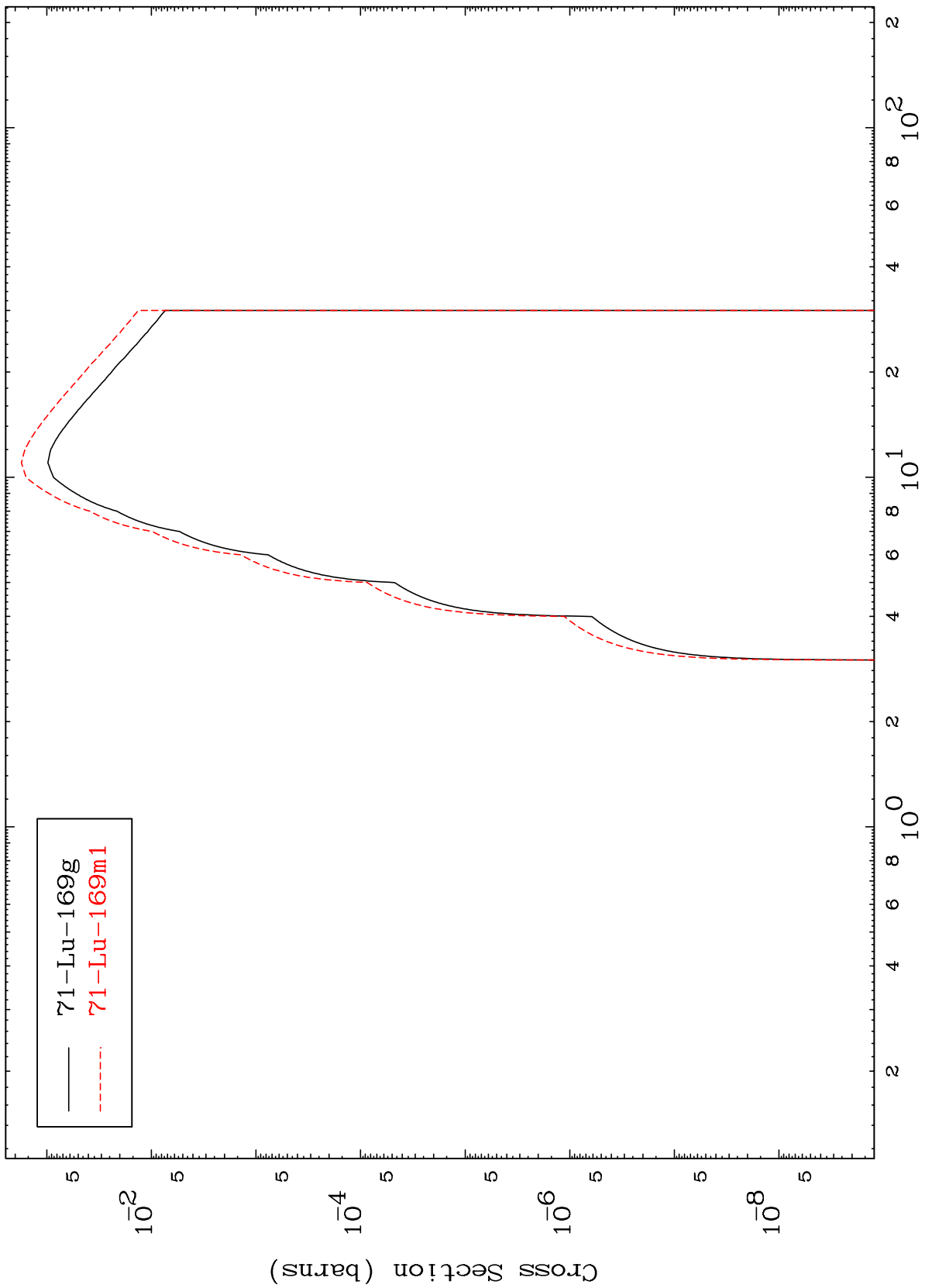
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 7025

70-Yb-168

Inelastic  
Radionuclide Production Cross Section



71-Lu-169g  
71-Lu-169m1

70-Yb-168

Incident Energy (MeV)

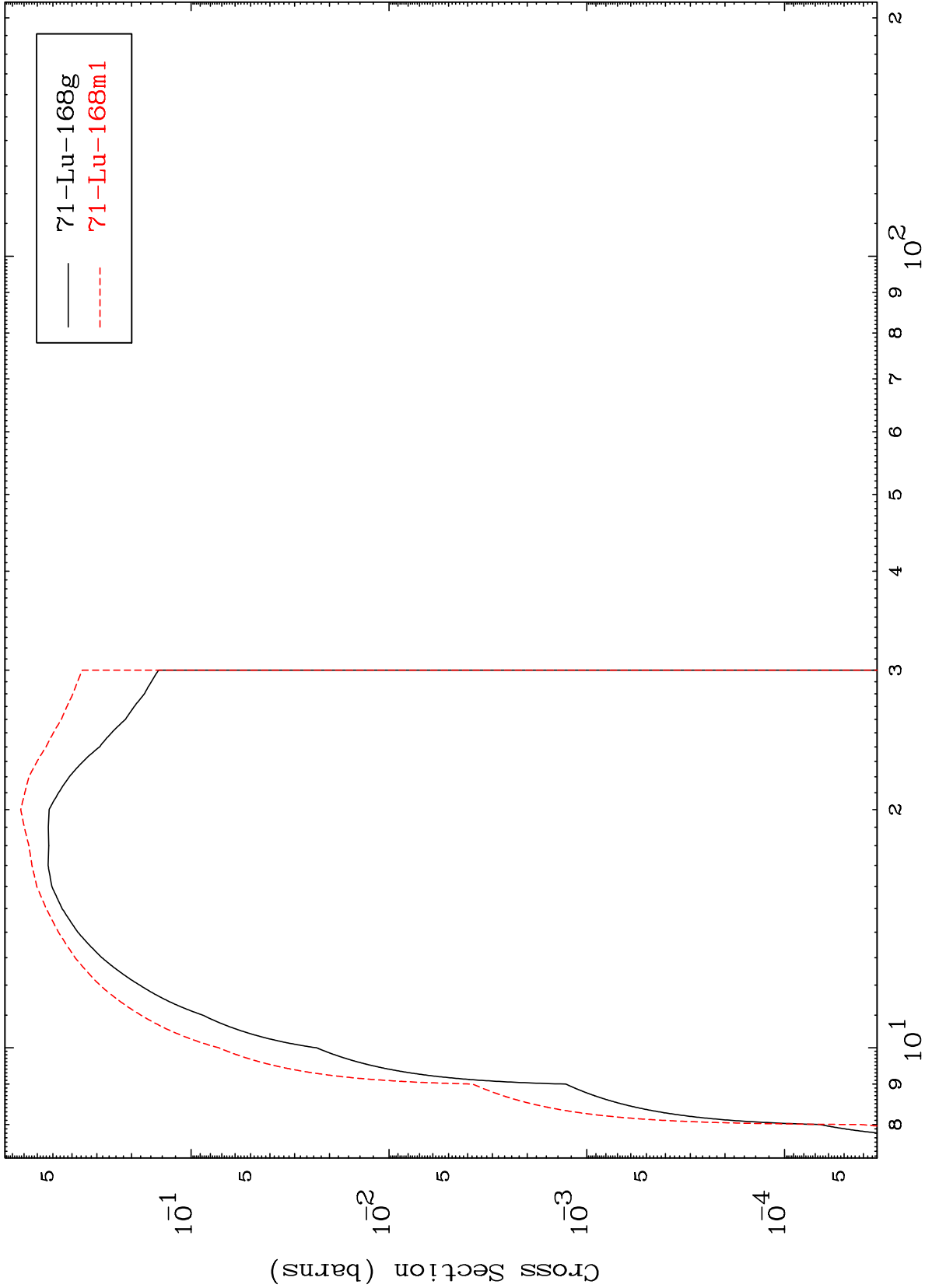
12

MAT 7025

(n,2n)

70-Yb-168

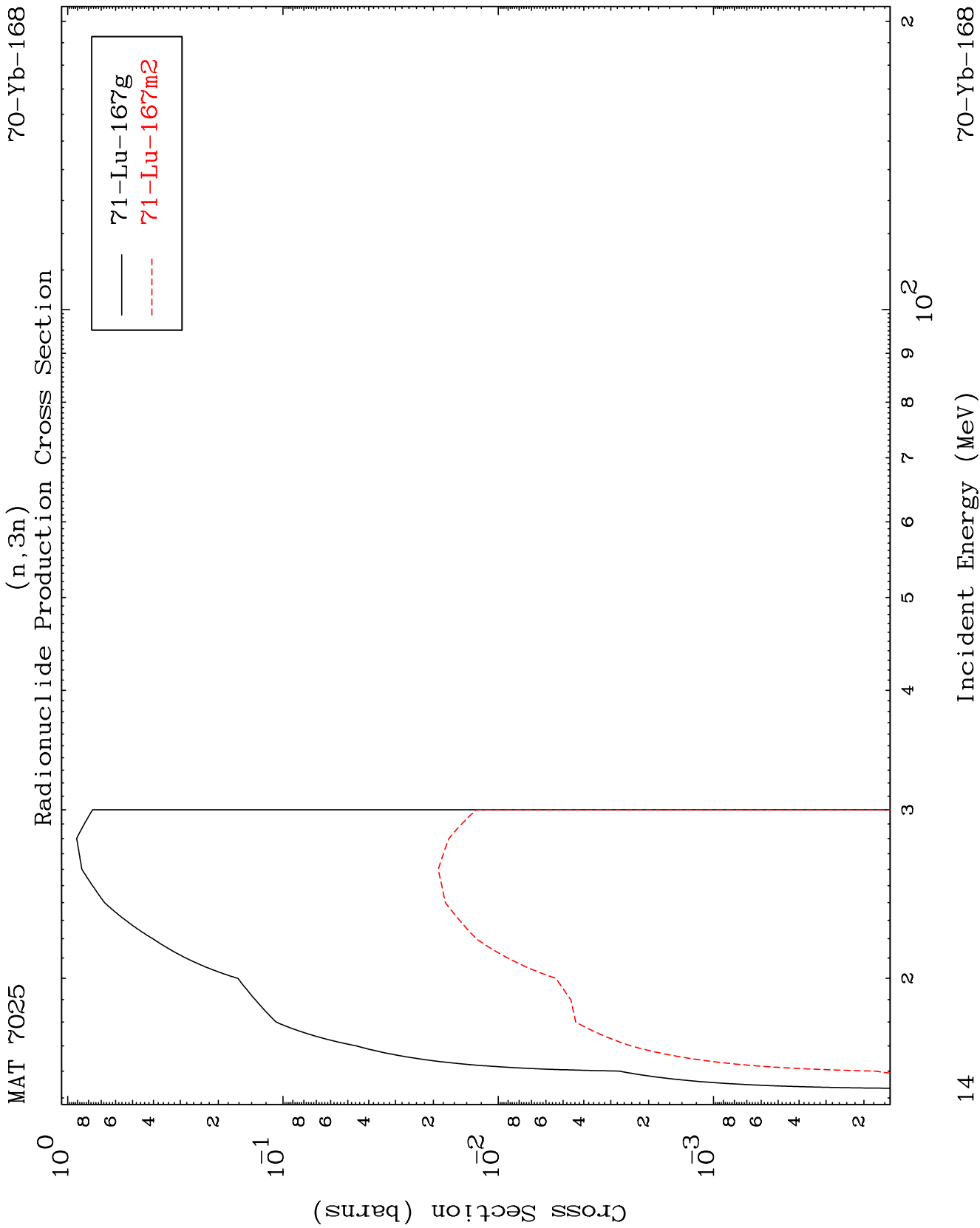
Radionuclide Production Cross Section



13

Incident Energy (MeV)

70-Yb-168

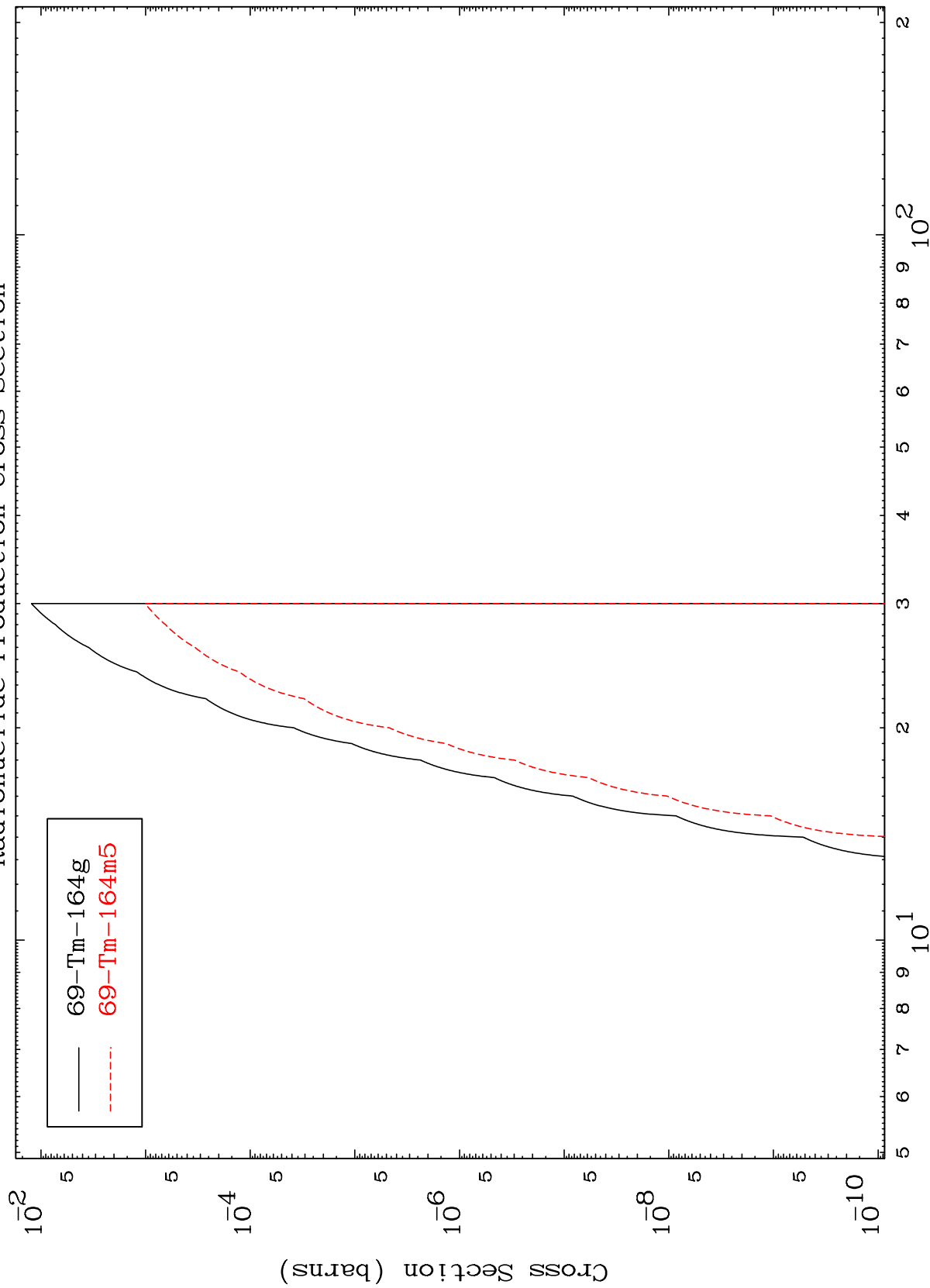


MAT 7025

$(n,2n) \alpha$

70-Yb-168

Radionuclide Production Cross Section



69-Tm-164g  
69-Tm-164m5

15

Incident Energy (MeV)

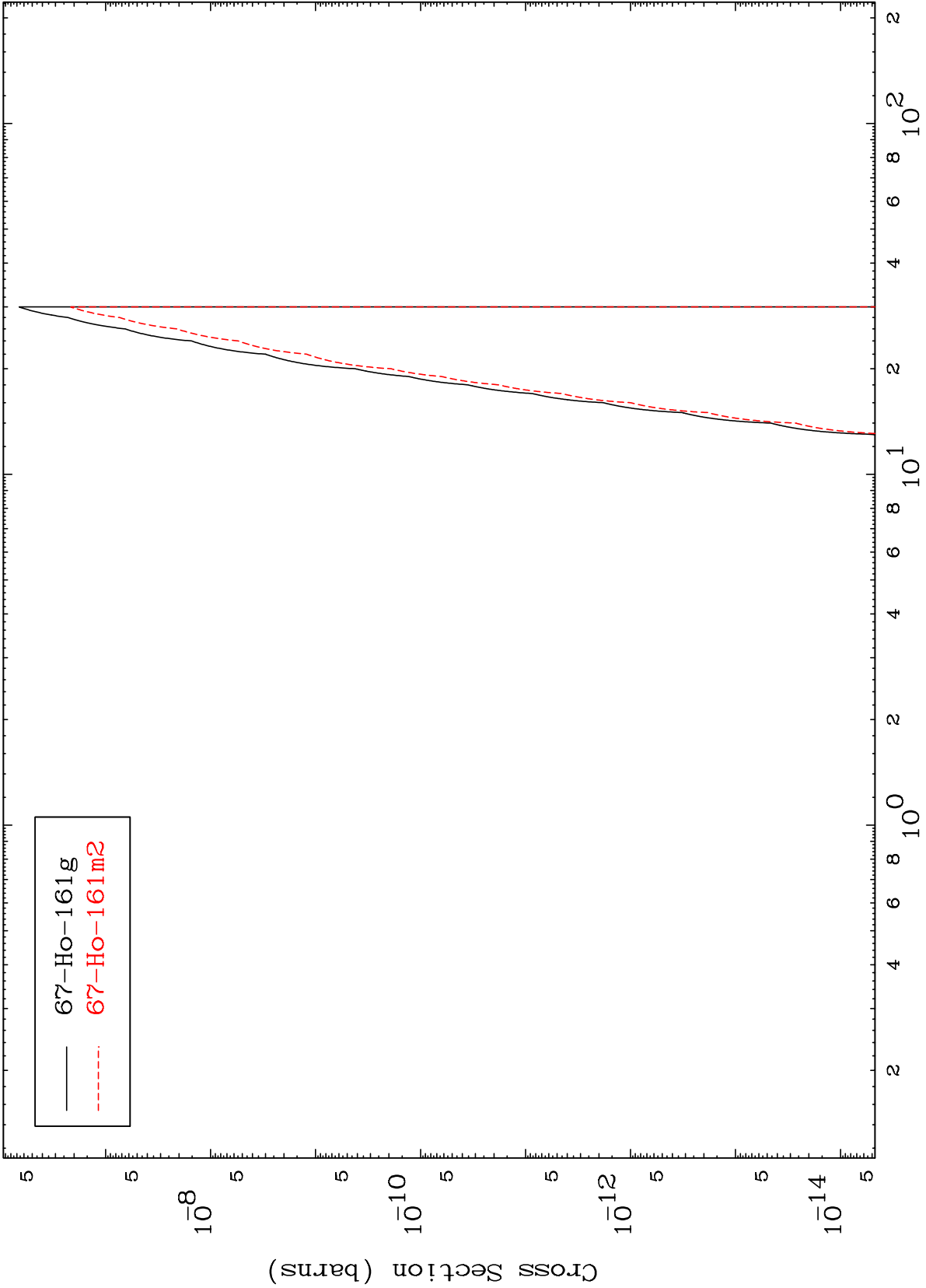
70-Yb-168

MAT 7025

(n,n') 2α

70-Yb-168

Radionuclide Production Cross Section



16

Incident Energy (MeV)

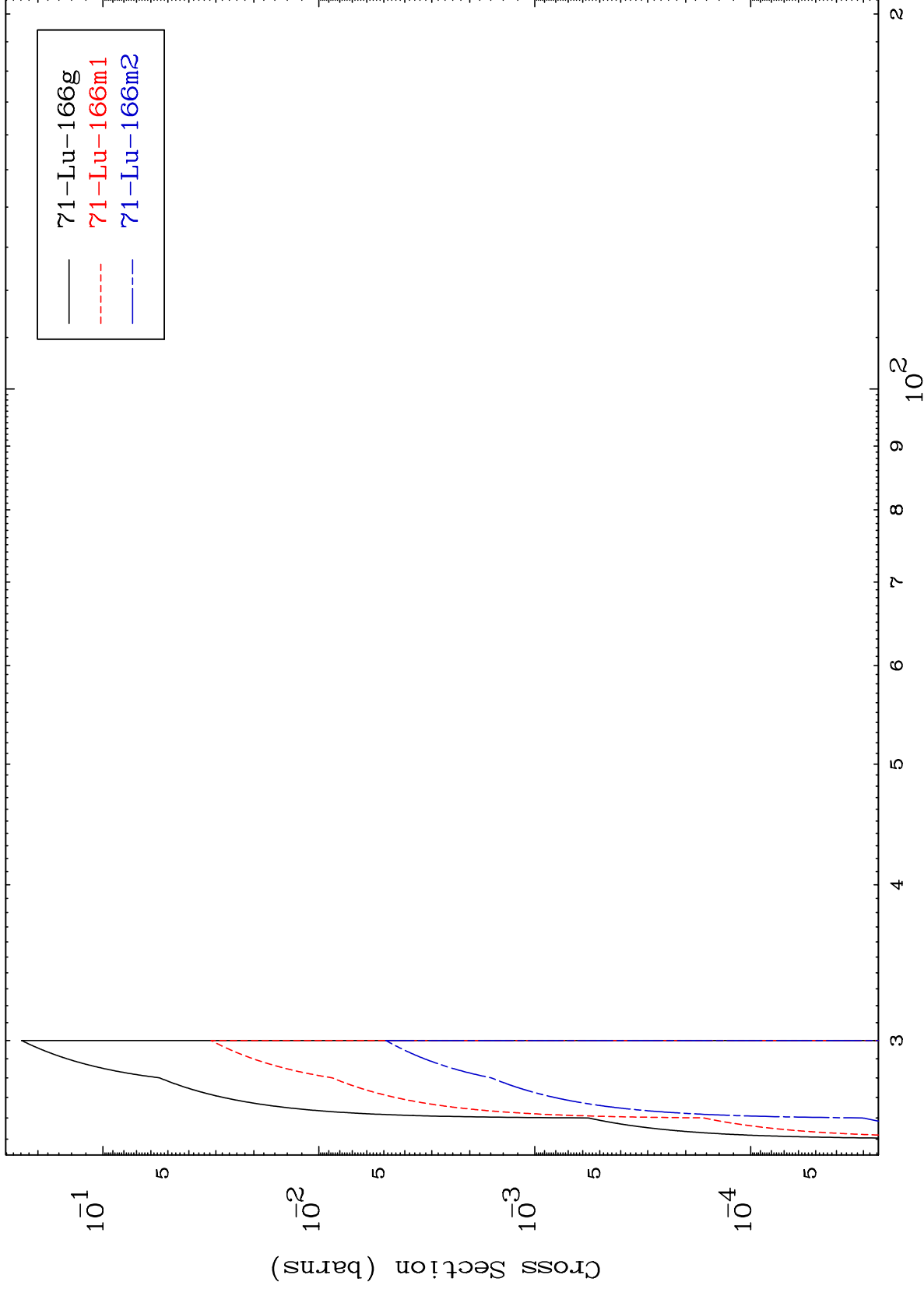
70-Yb-168

MAT 7025

(n,4n)

70-Yb-168

Radionuclide Production Cross Section



17

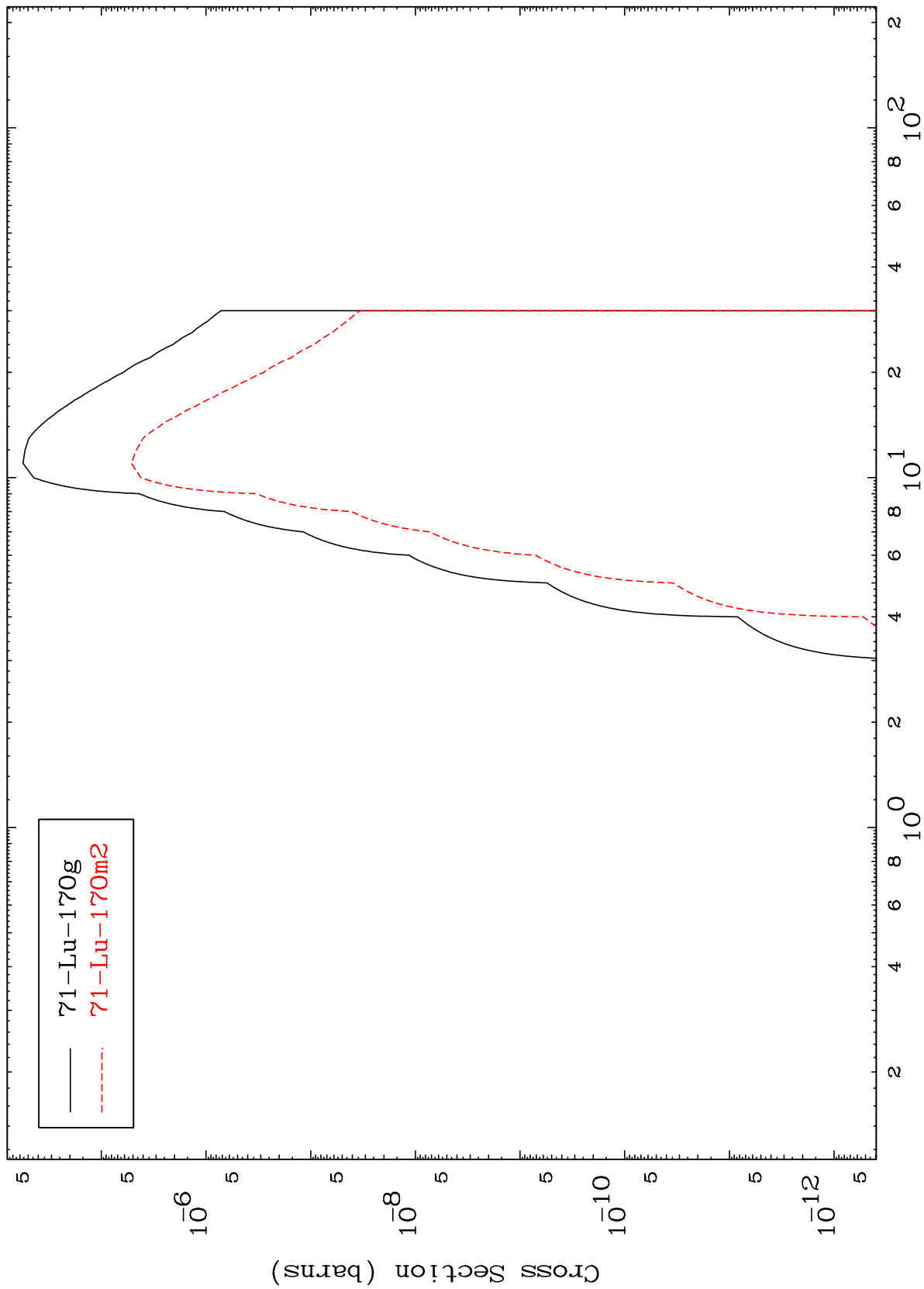
Incident Energy (MeV)

70-Yb-168

MAT 7025

70-Yb-168

(n,  $\gamma$ )  
Radionuclide Production Cross Section



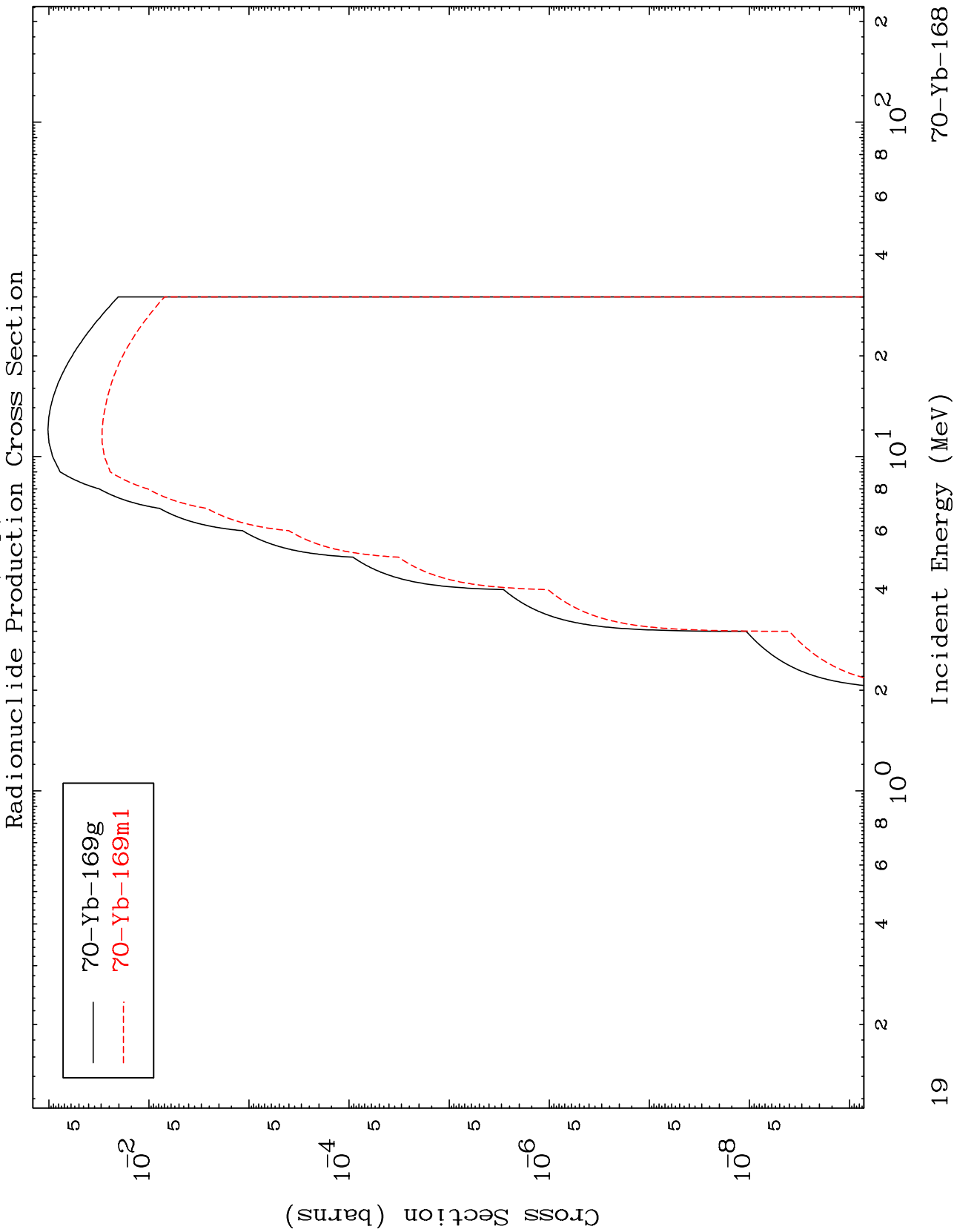
18

70-Yb-168

Incident Energy (MeV)

MAT 7025

<sup>70</sup>Yb-168

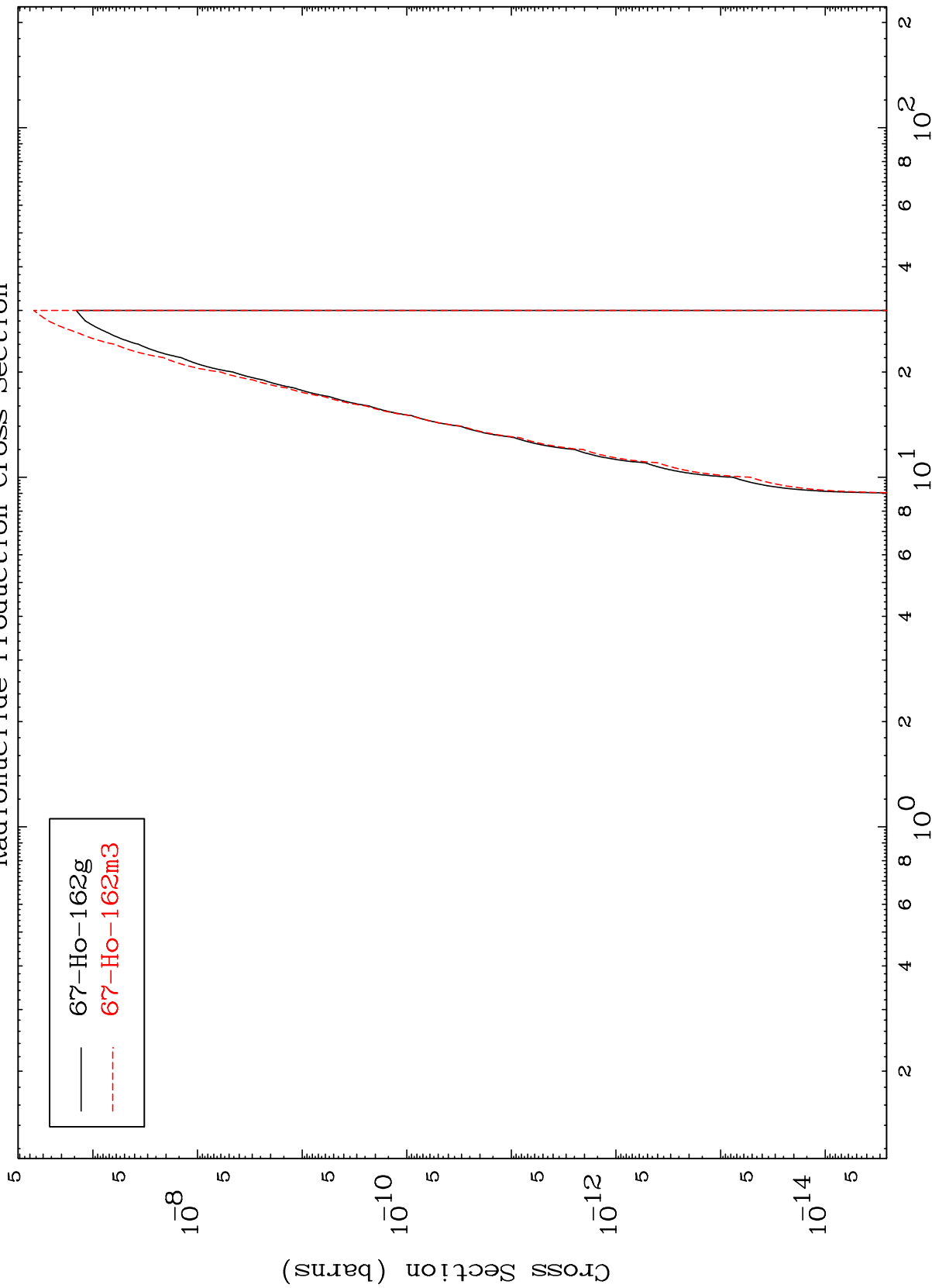


MAT 7025

70-Yb-168

(n,2α)

Radionuclide Production Cross Section



20

Incident Energy (MeV)

70-Yb-168