

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

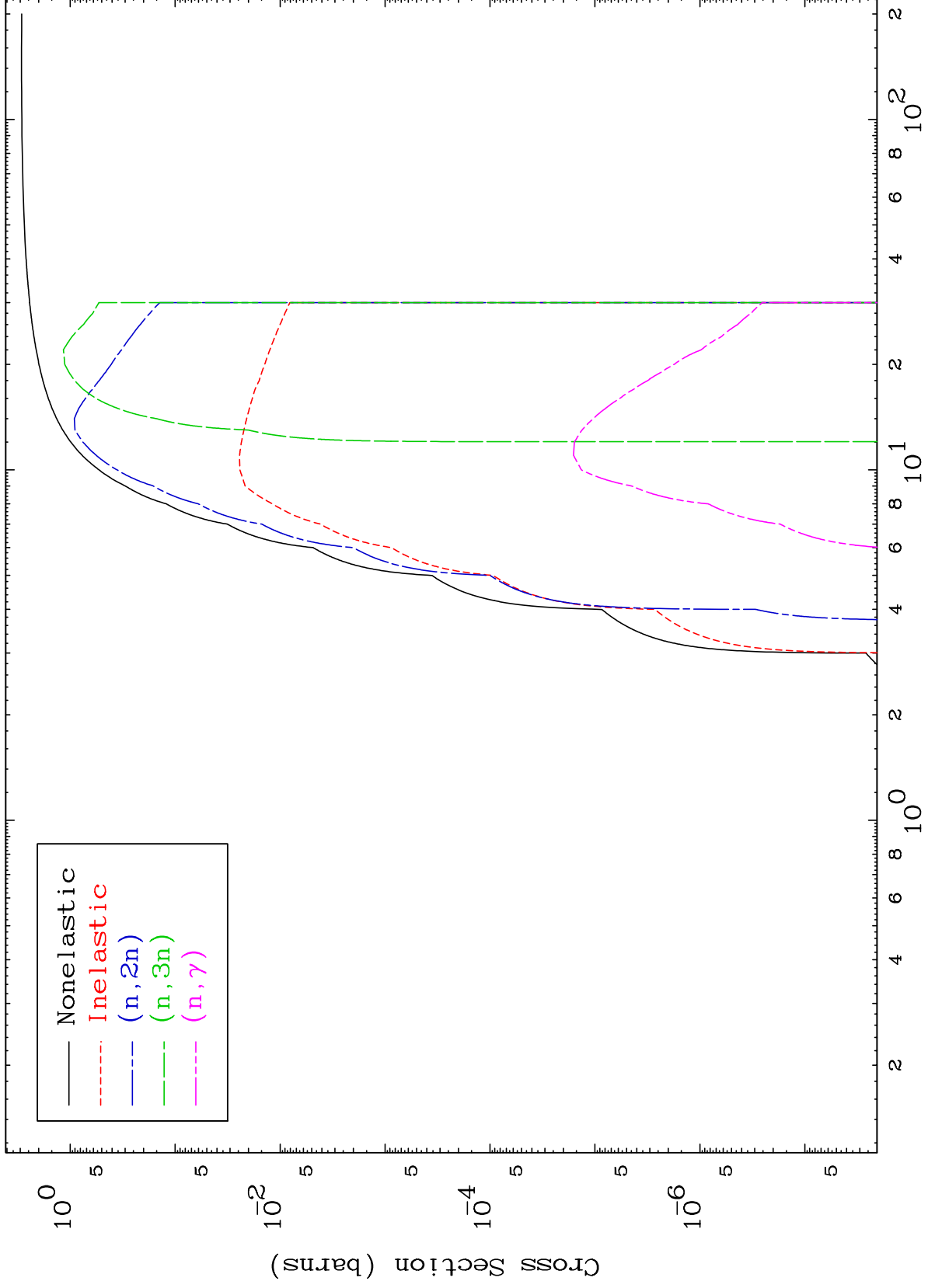
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7040

Deuteron Major  
0 Kelvin Cross Sections

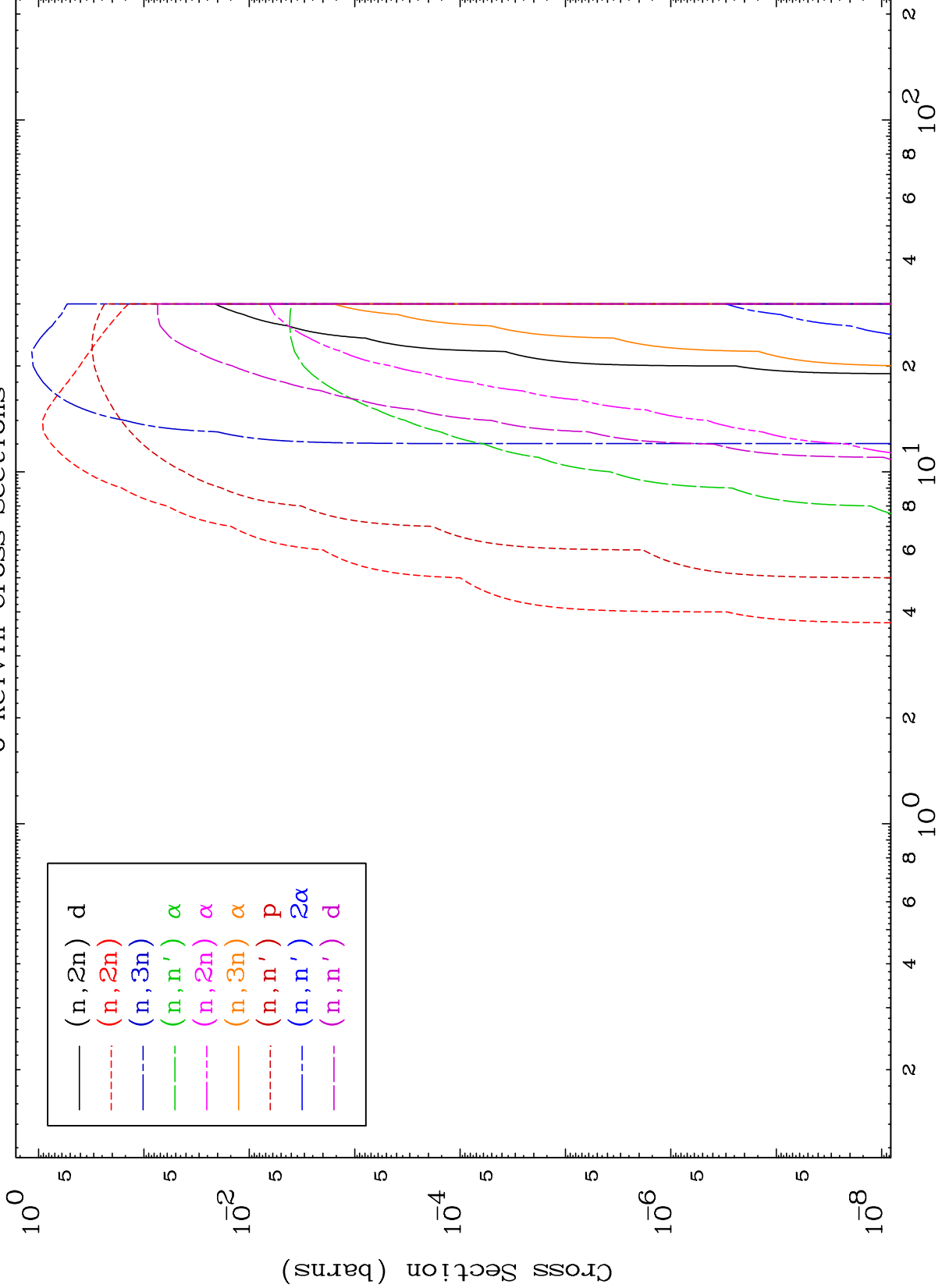
70-Yb-173



MAT 7040

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-173



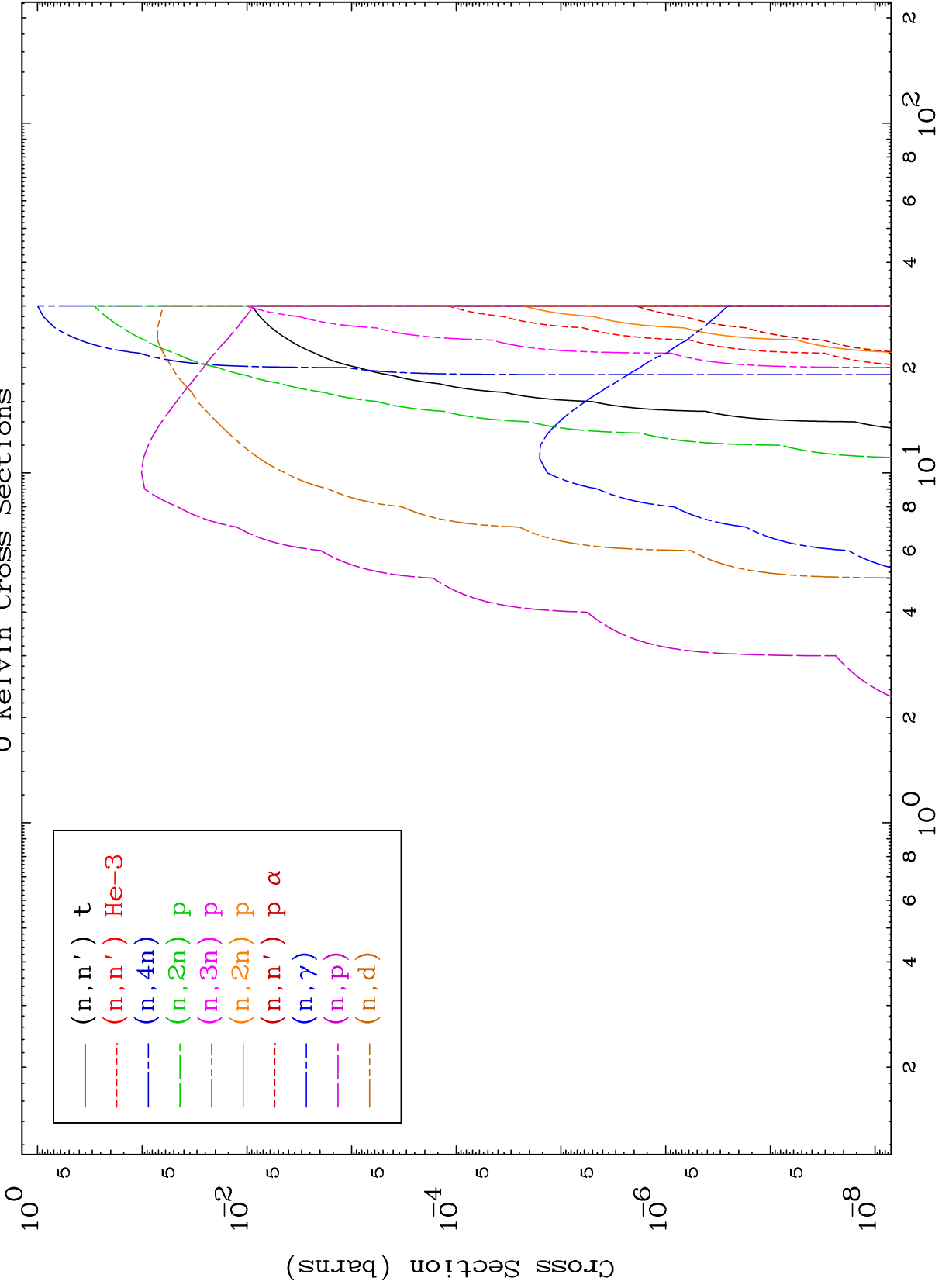
70-Yb-173

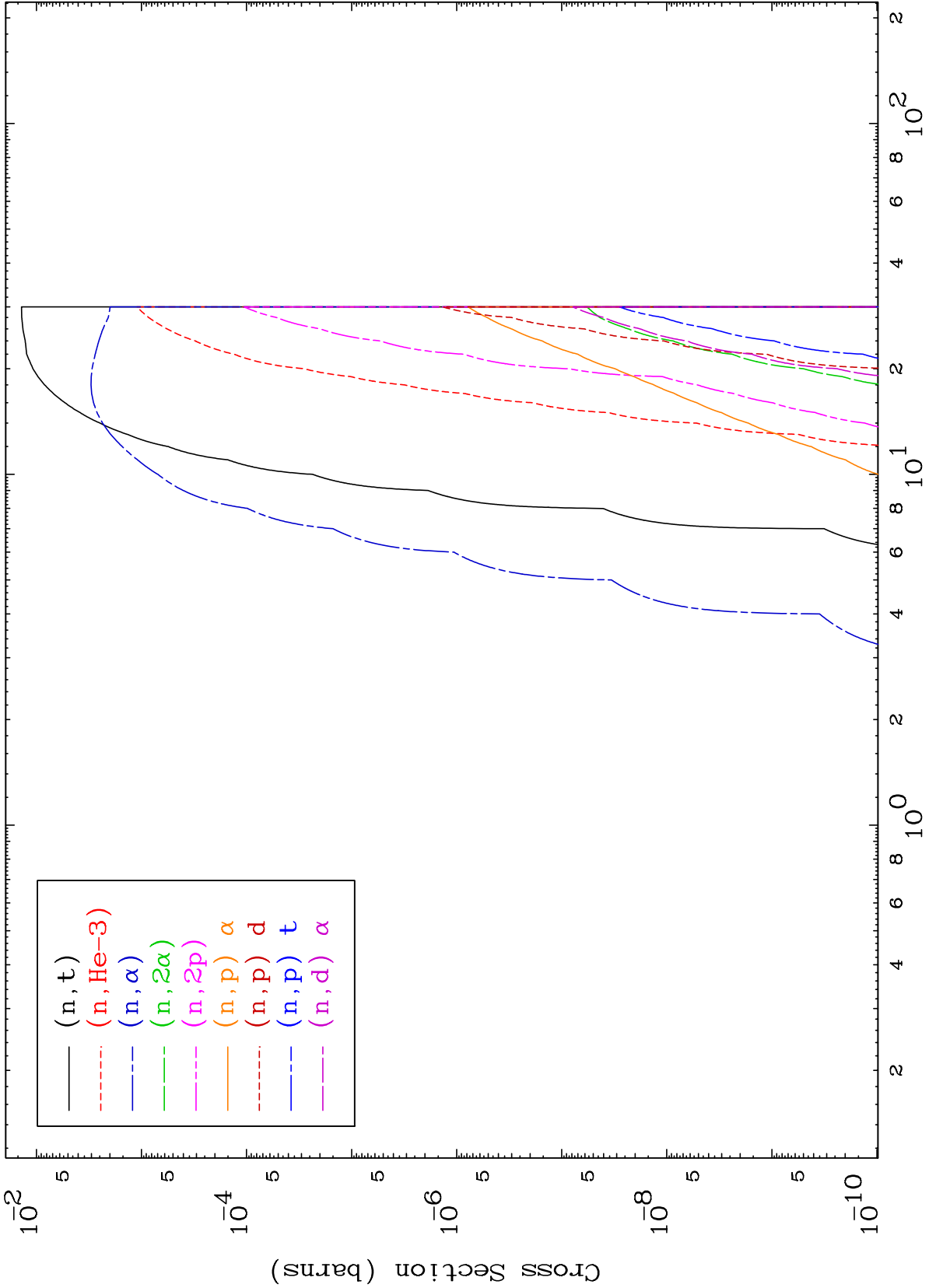
Incident Energy (MeV)

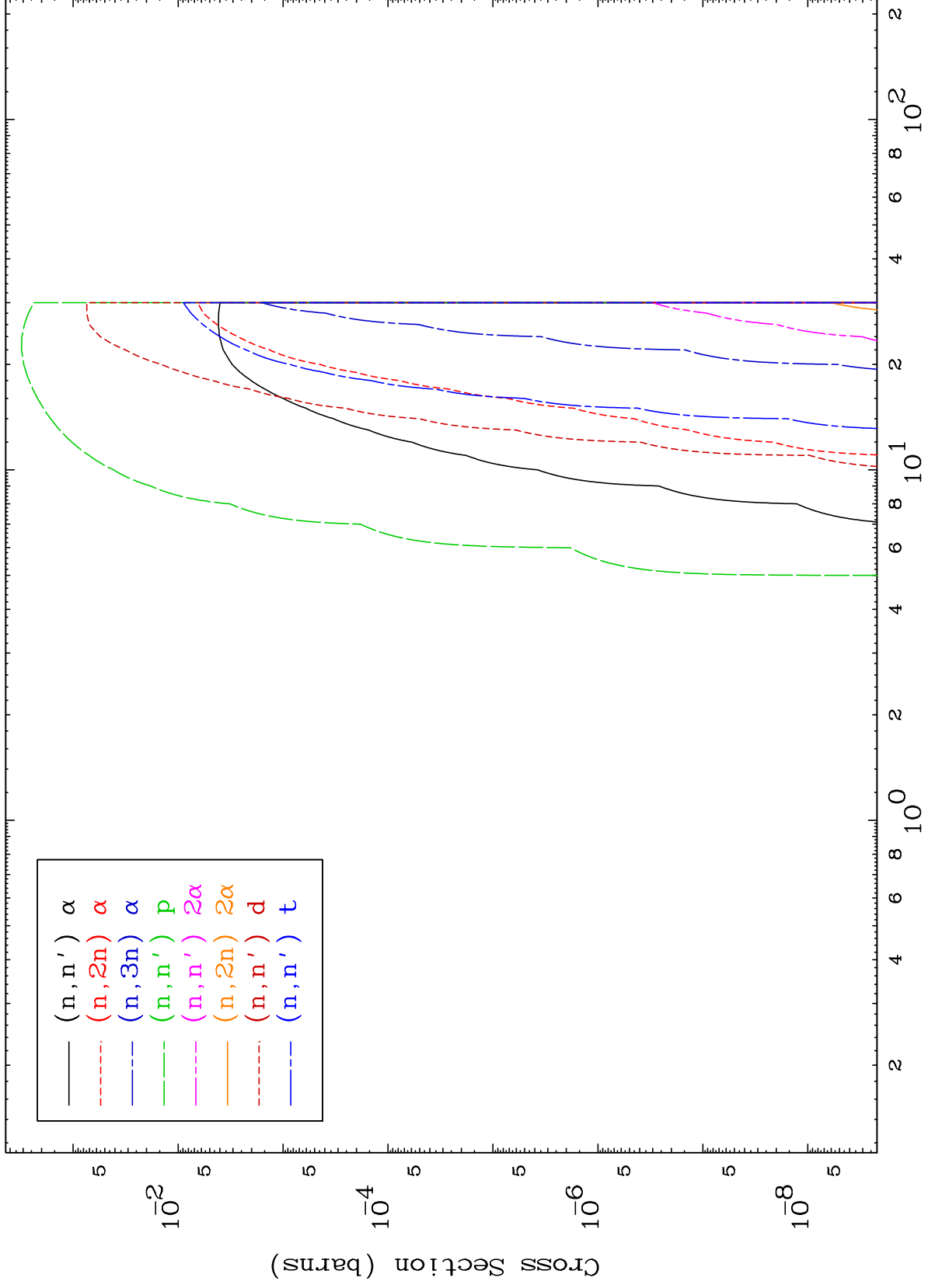
MAT 7040

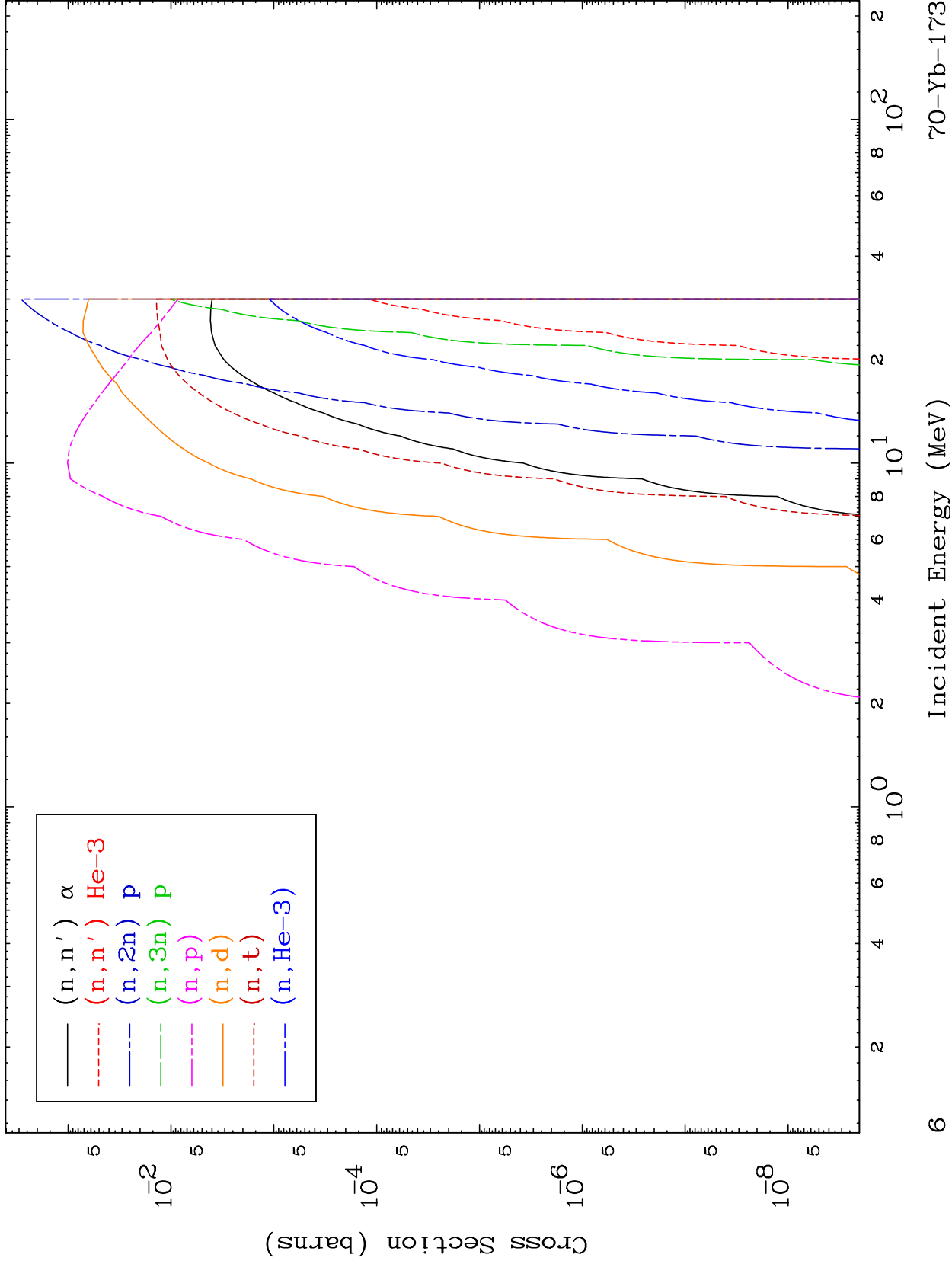
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-173





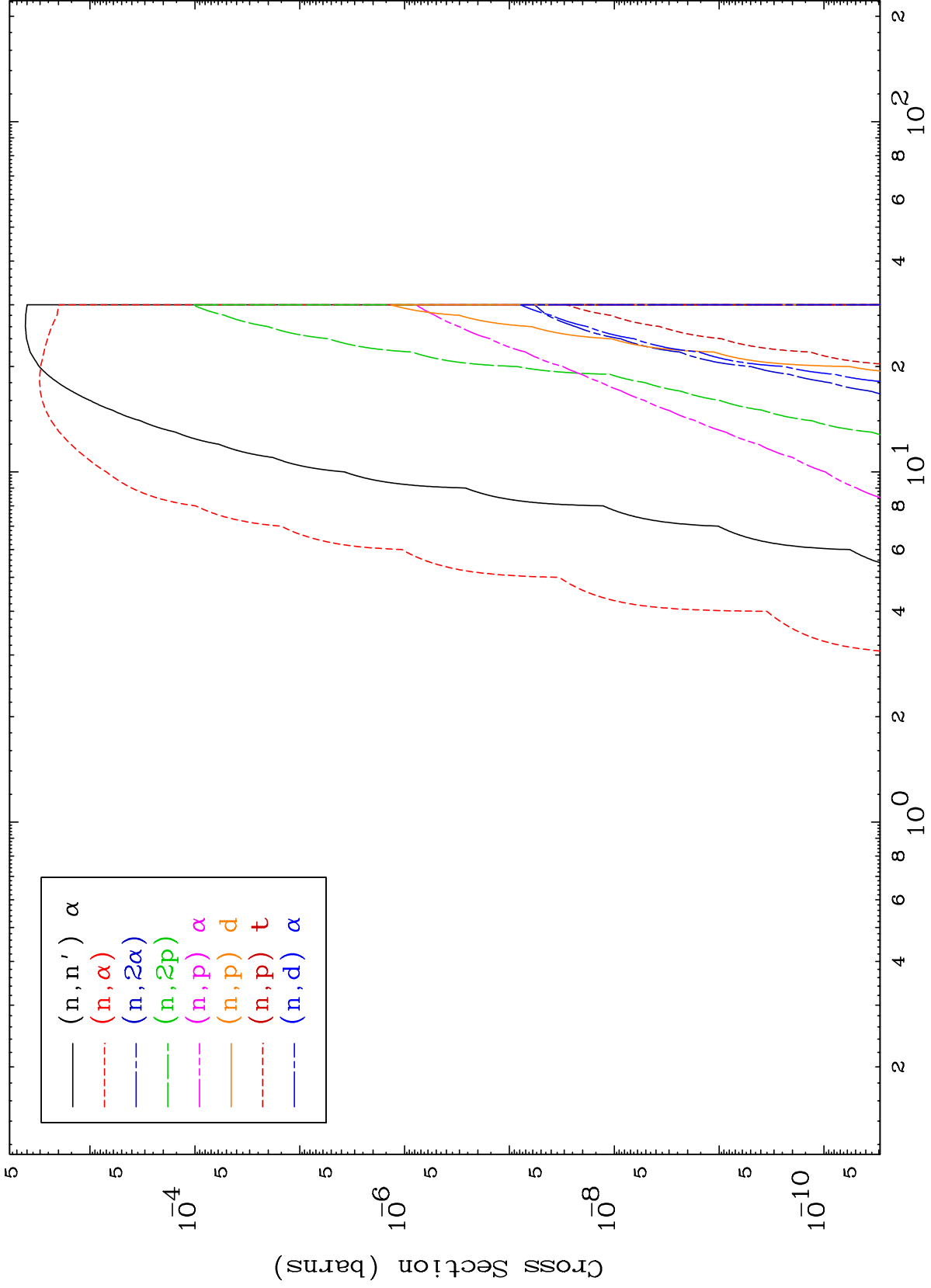




MAT 7040

Deuteron Charged Particle  
0 Kelvin Cross Sections

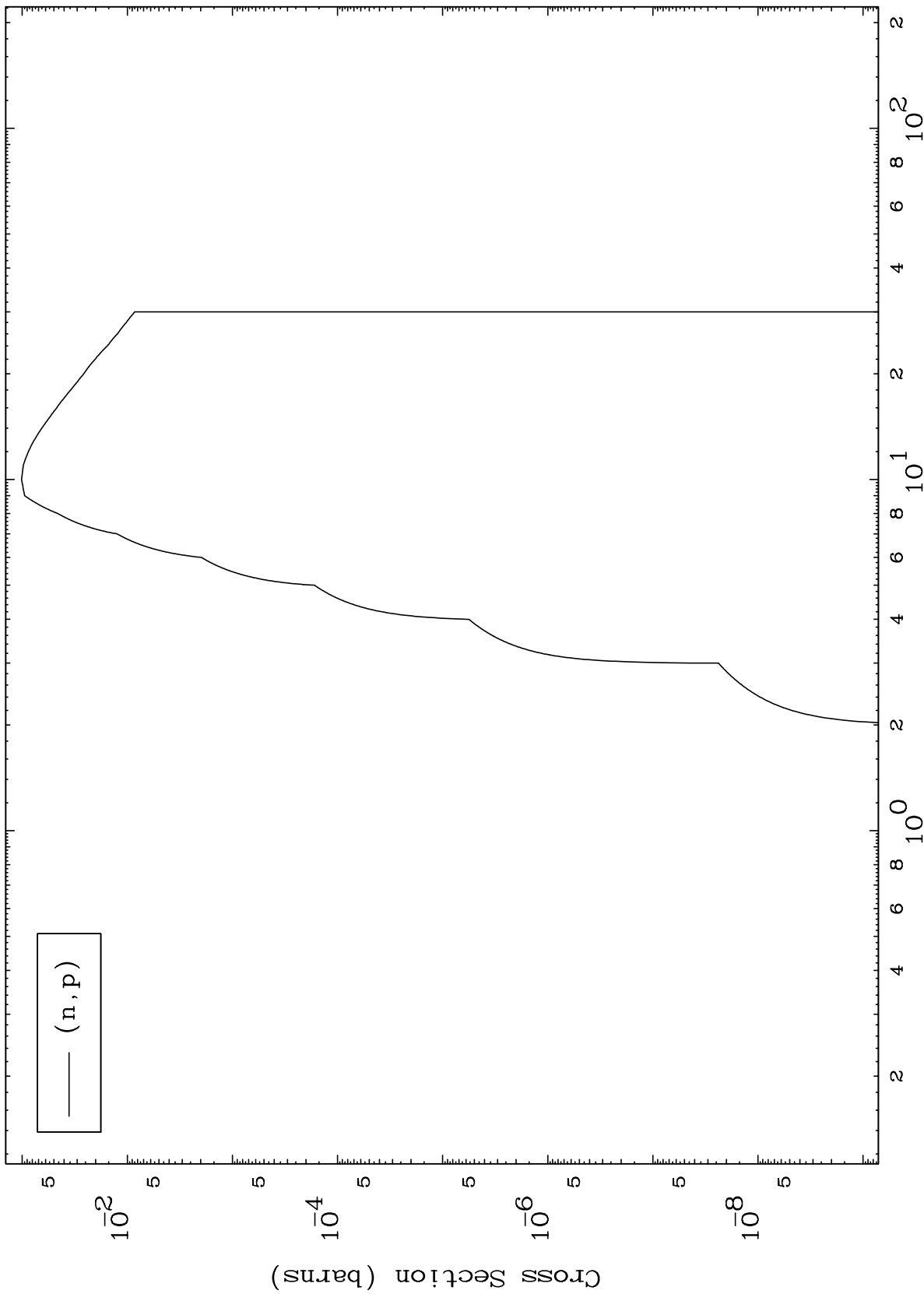
70-Yb-173



MAT 7040

70-Yb-173

(d,p) Levels  
0 Kelvin Cross Sections



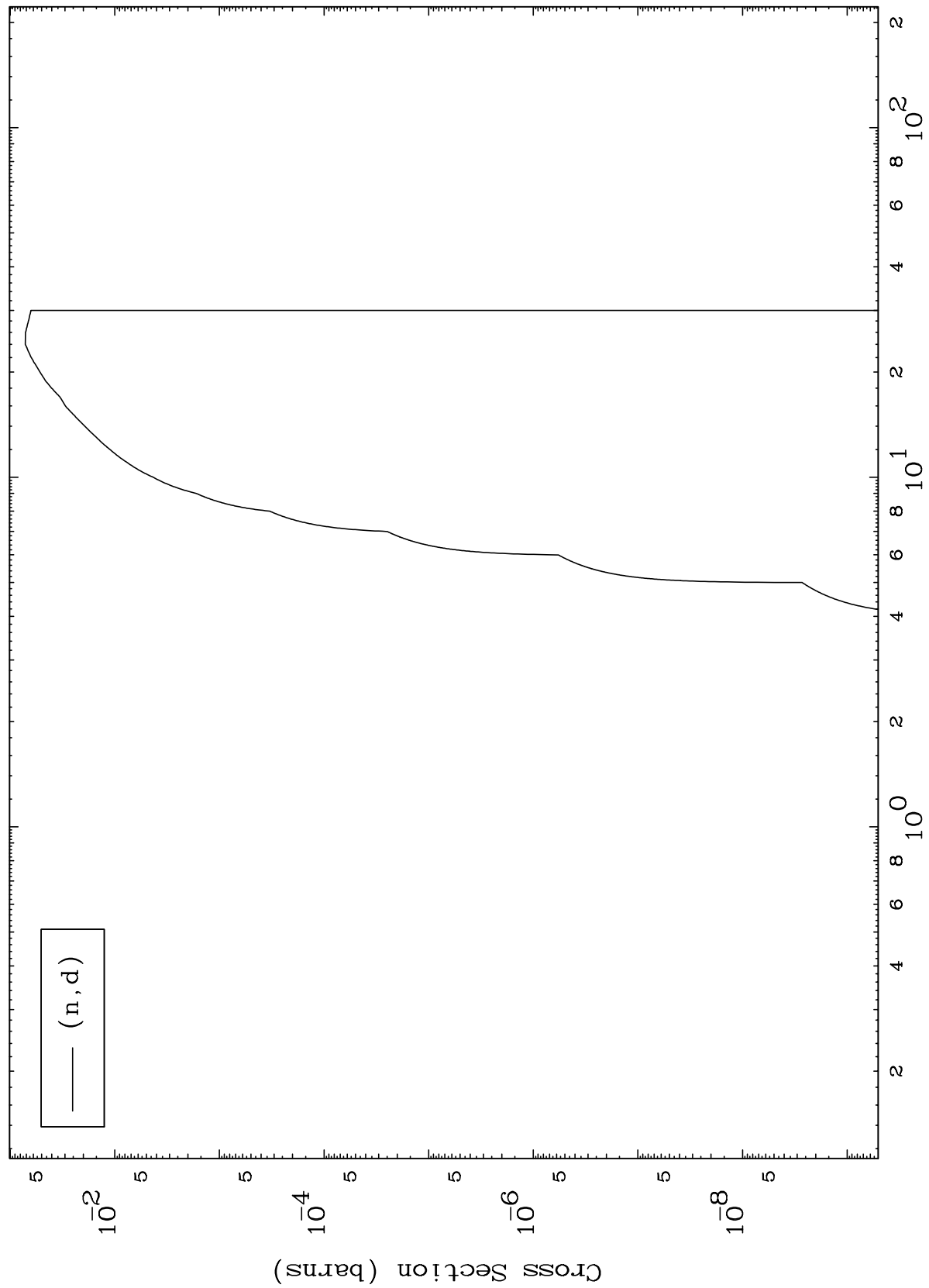
70-Yb-173

Incident Energy (MeV)

MAT 7040

70-Yb-173

(d,d) Levels  
0 Kelvin Cross Sections

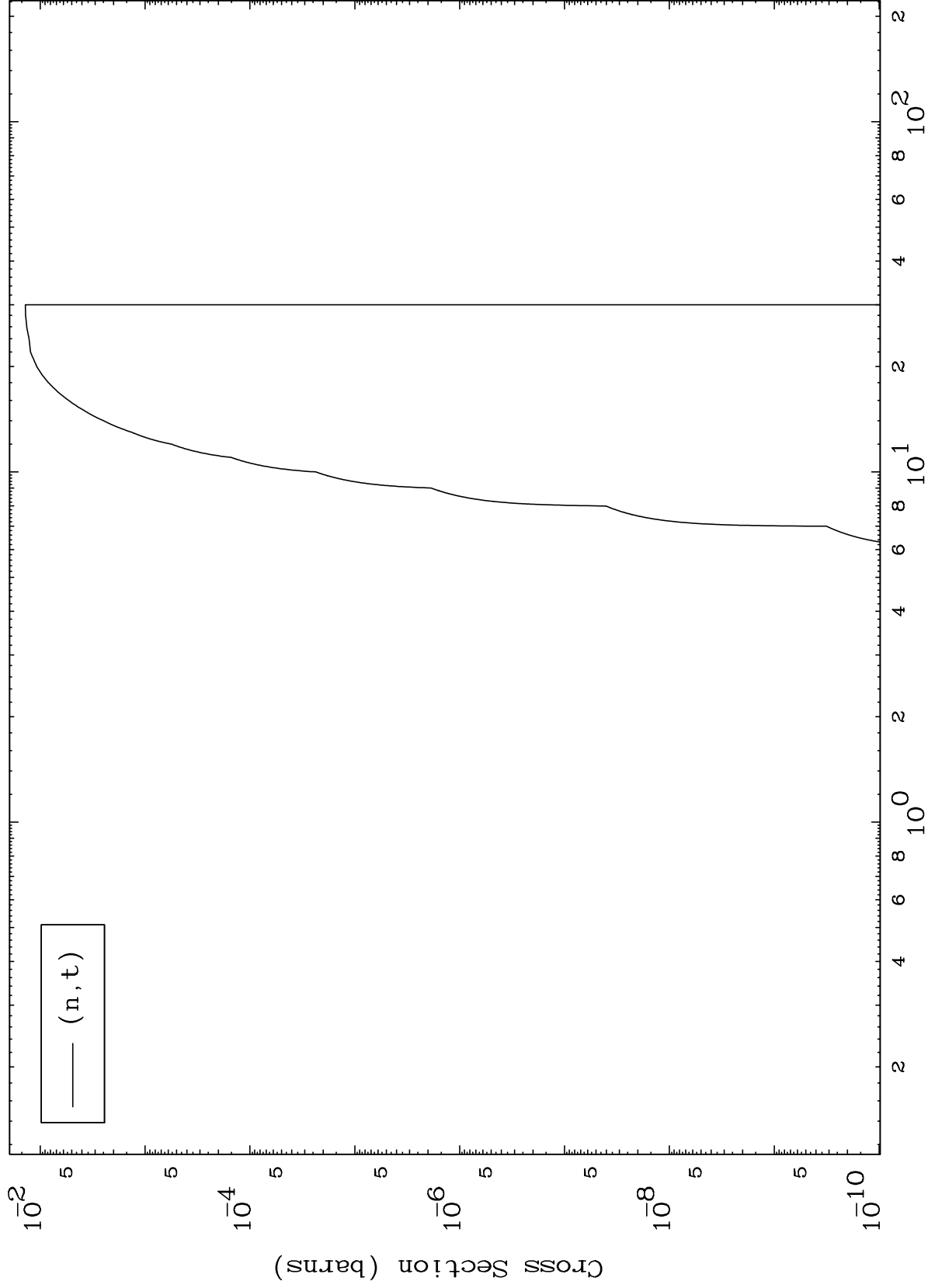


MAT 7040

(d,t) Levels

70-Yb-173

0 Kelvin Cross Sections



10

Incident Energy (MeV)

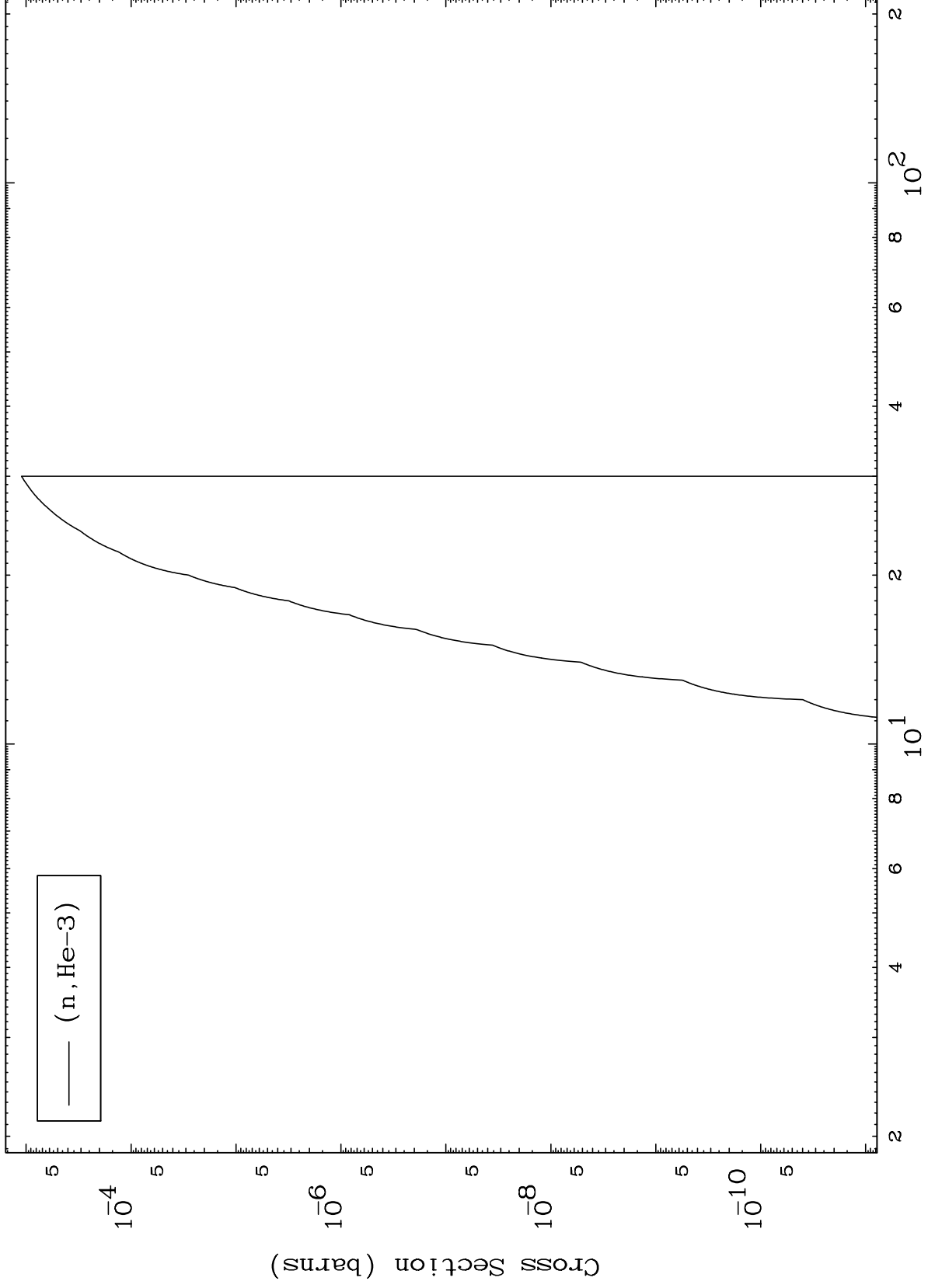
70-Yb-173

MAT 7040

(d,He3) Levels

70-Yb-173

0 Kelvin Cross Sections



11

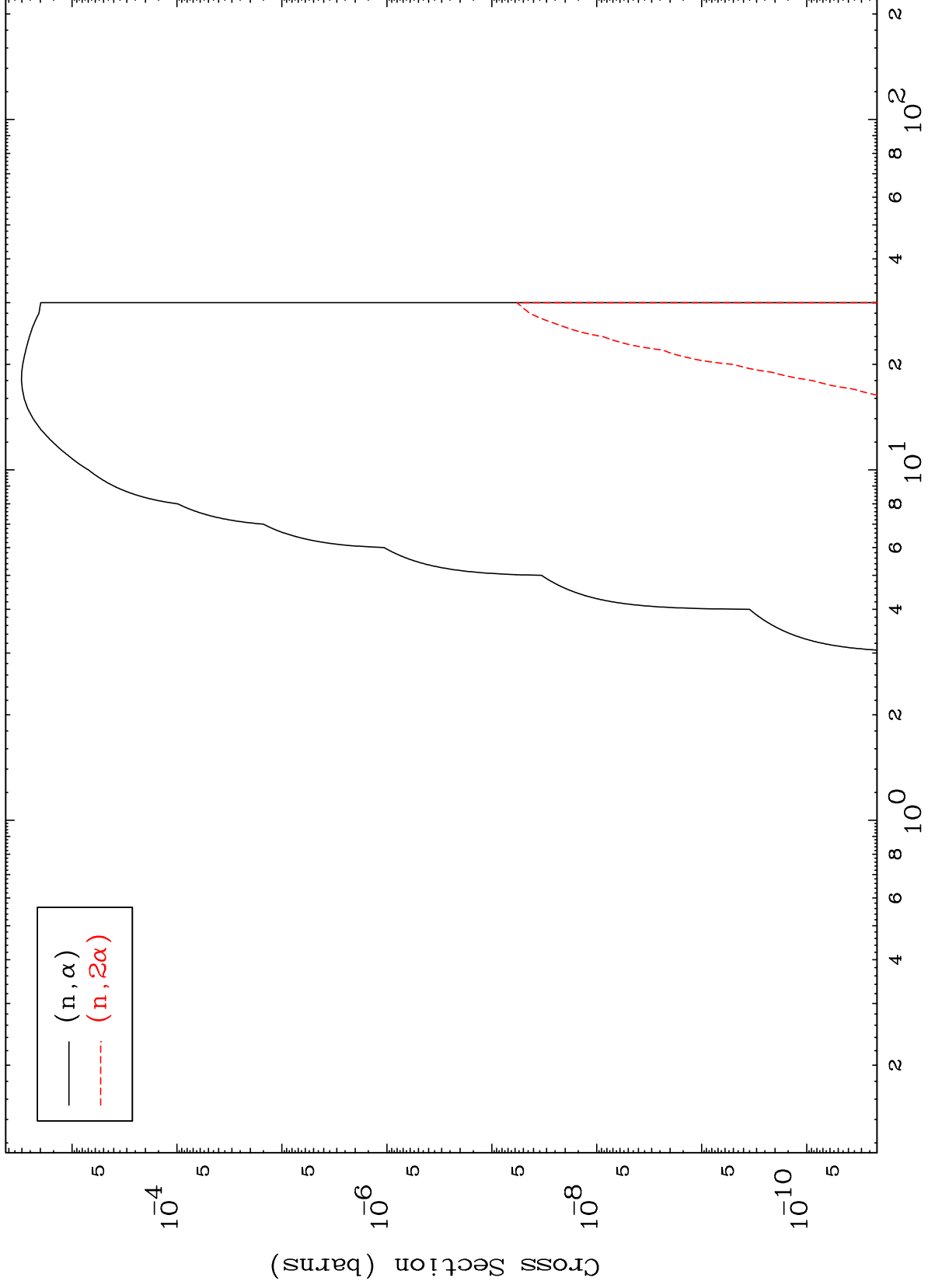
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

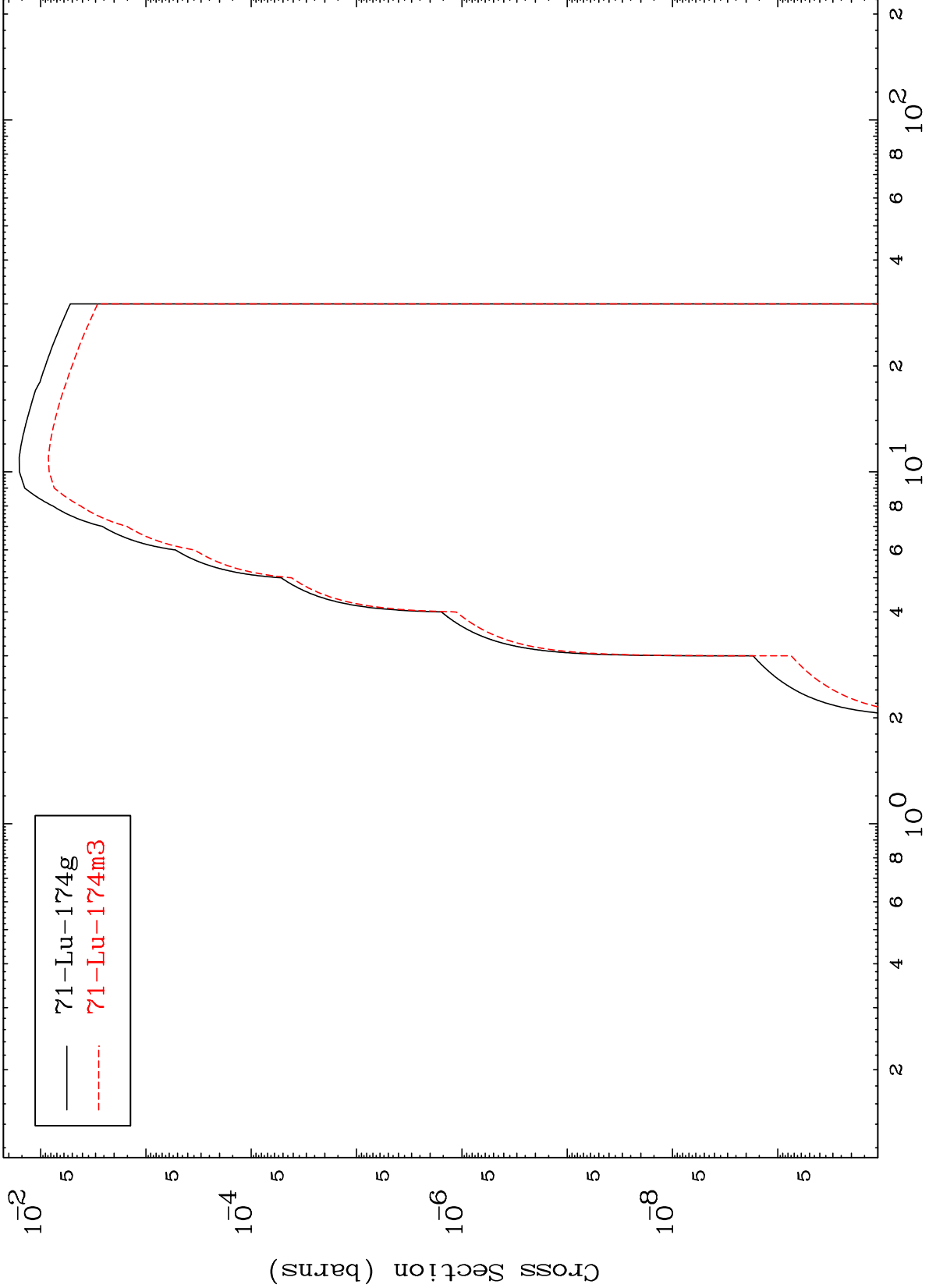


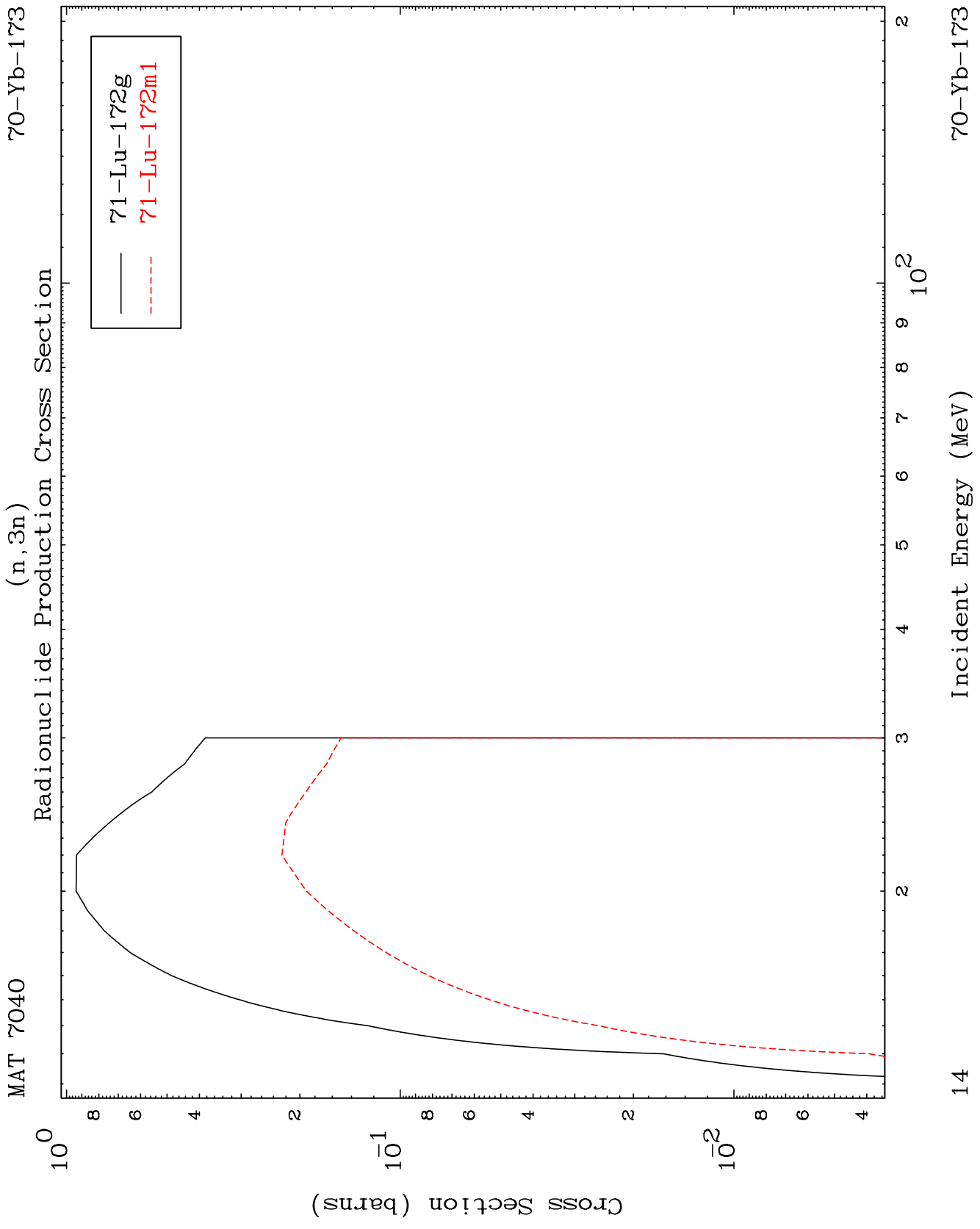
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 7040

Inelastic  
Radionuclide Production Cross Section

70-Yb-173



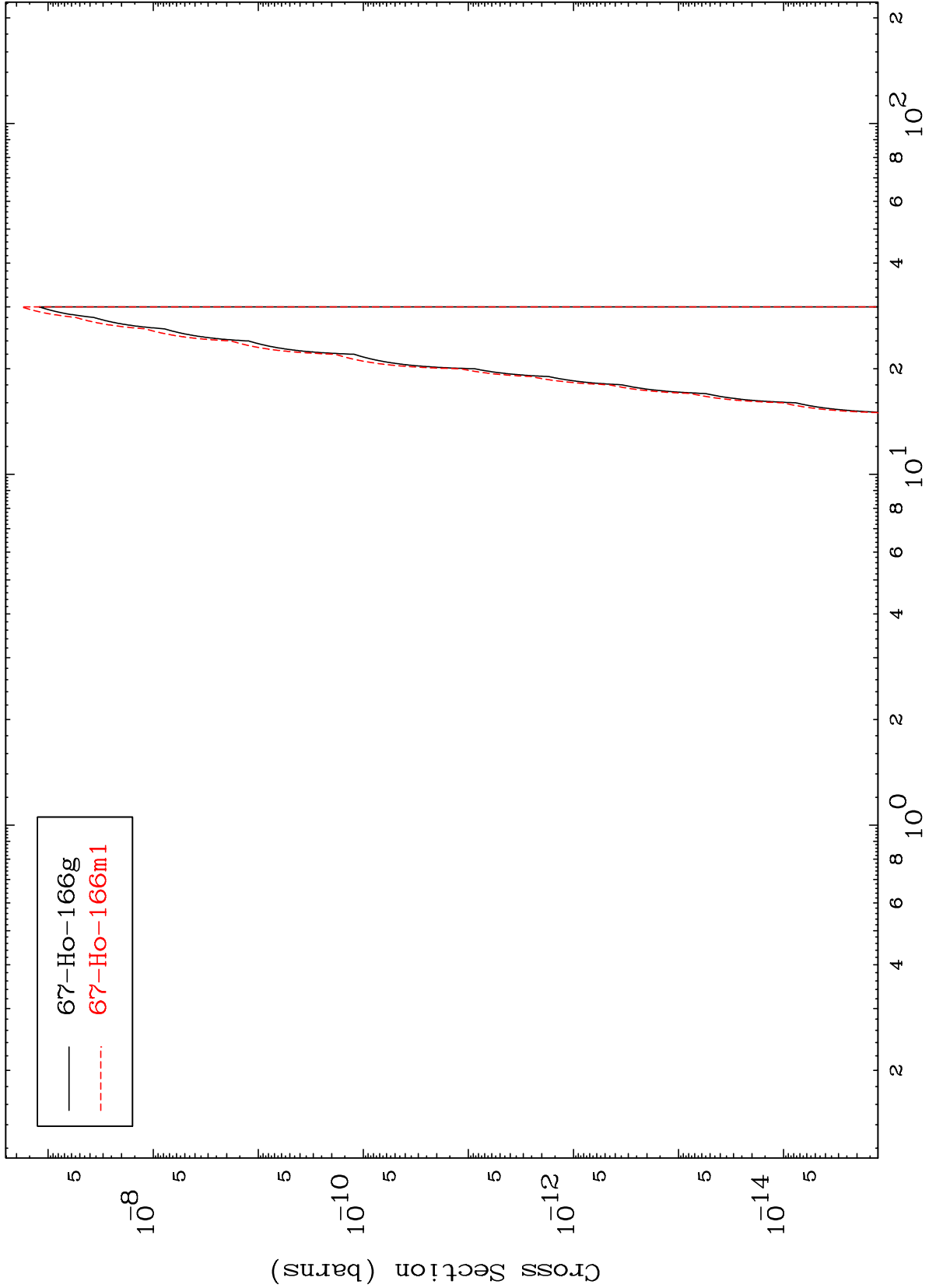


MAT 7040

(n,n') 2 $\alpha$

70-Yb-173

Radionuclide Production Cross Section



15

Incident Energy (MeV)

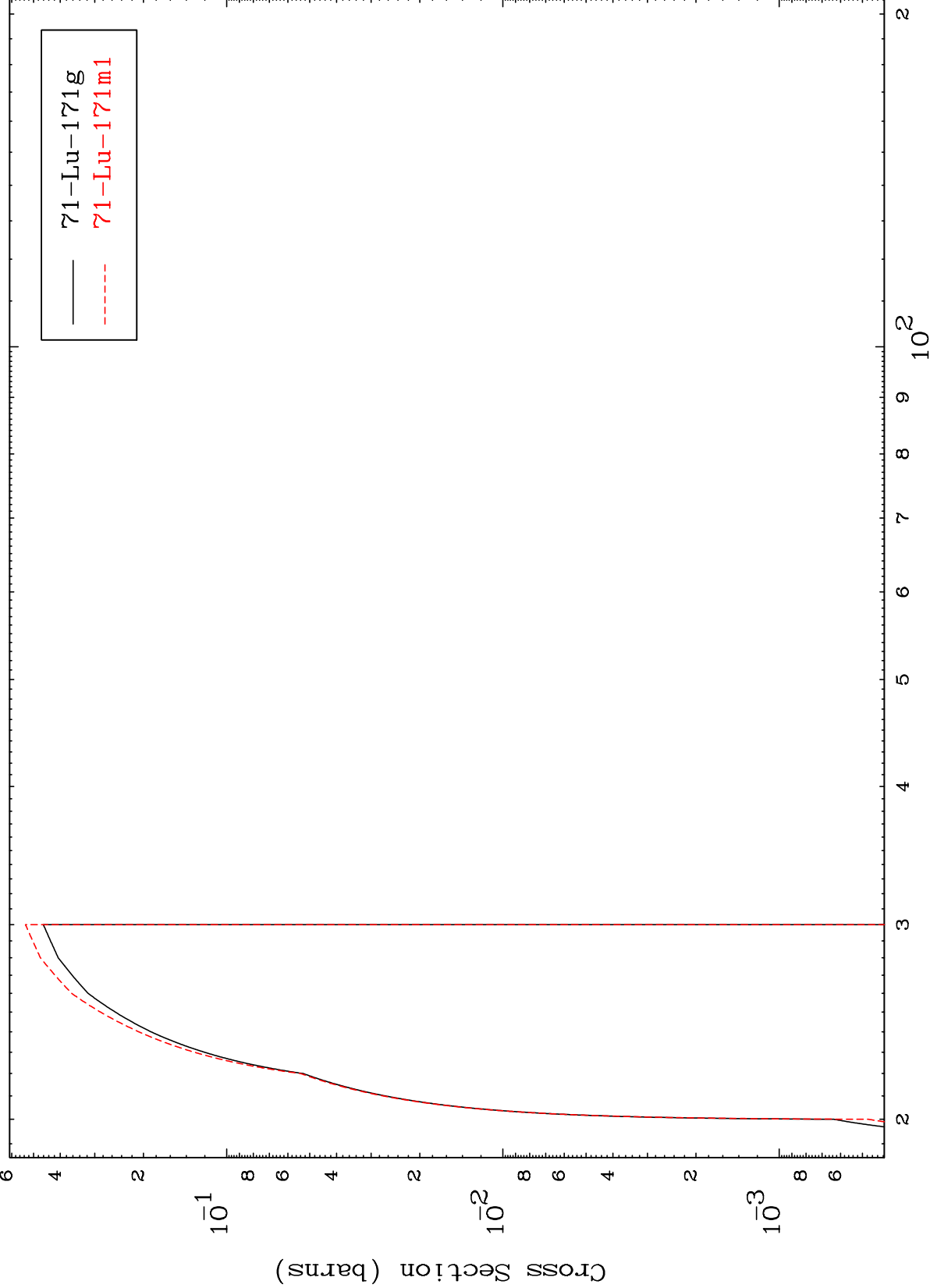
70-Yb-173

MAT 7040

(n,4n)

70-Yb-173

Radionuclide Production Cross Section



16

Incident Energy (MeV)

70-Yb-173