

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

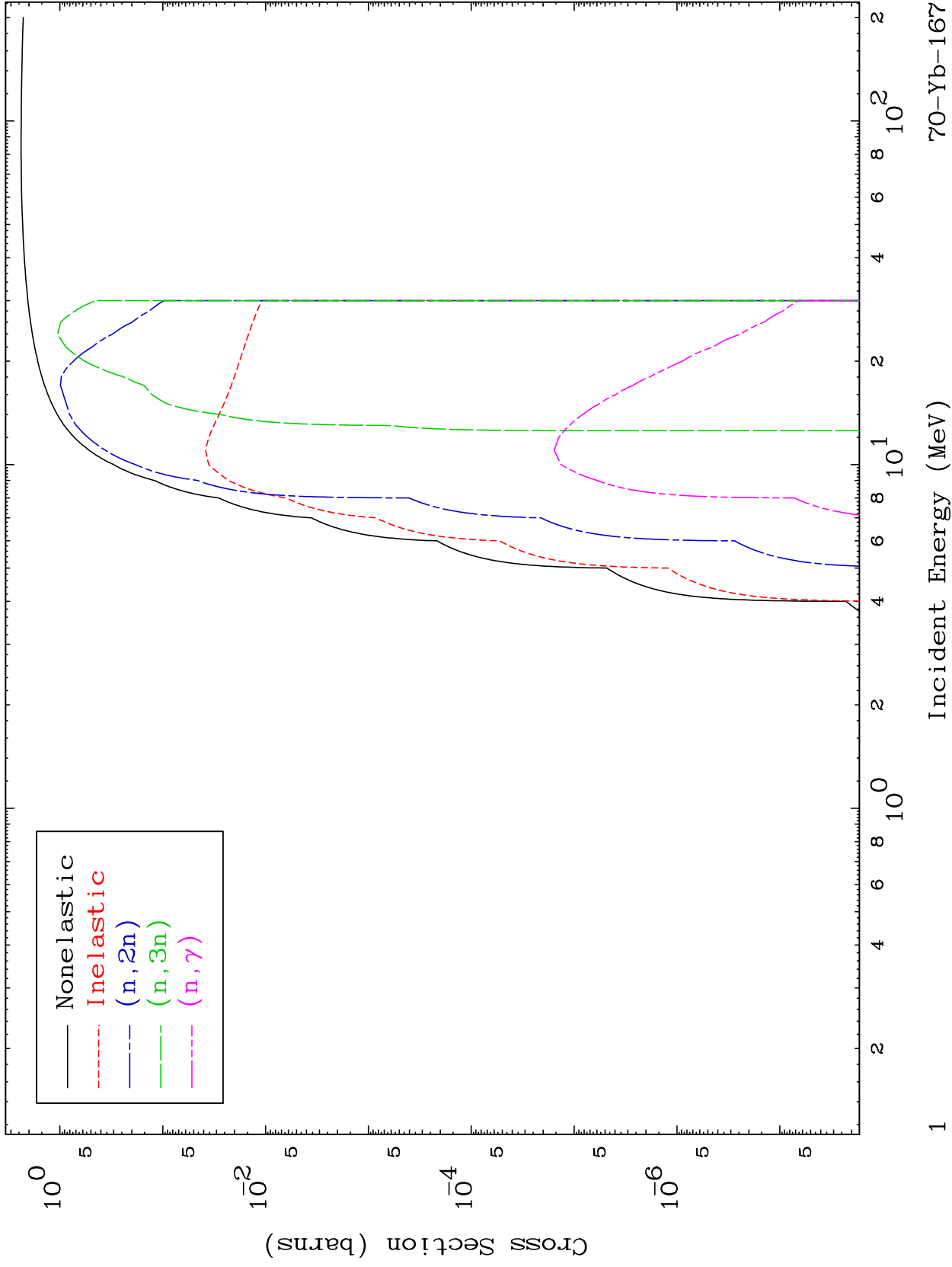
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

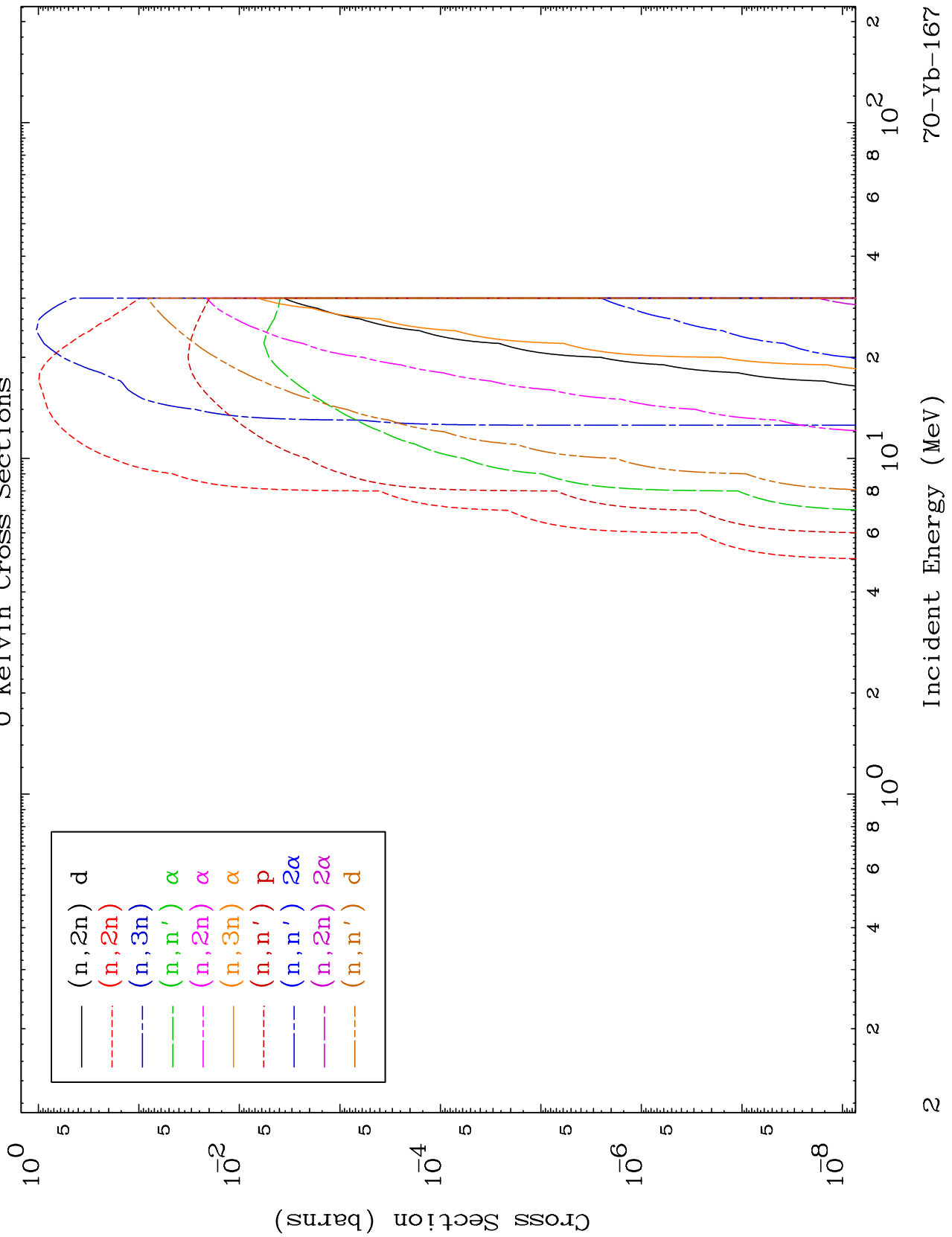
Press Mouse Button to Start

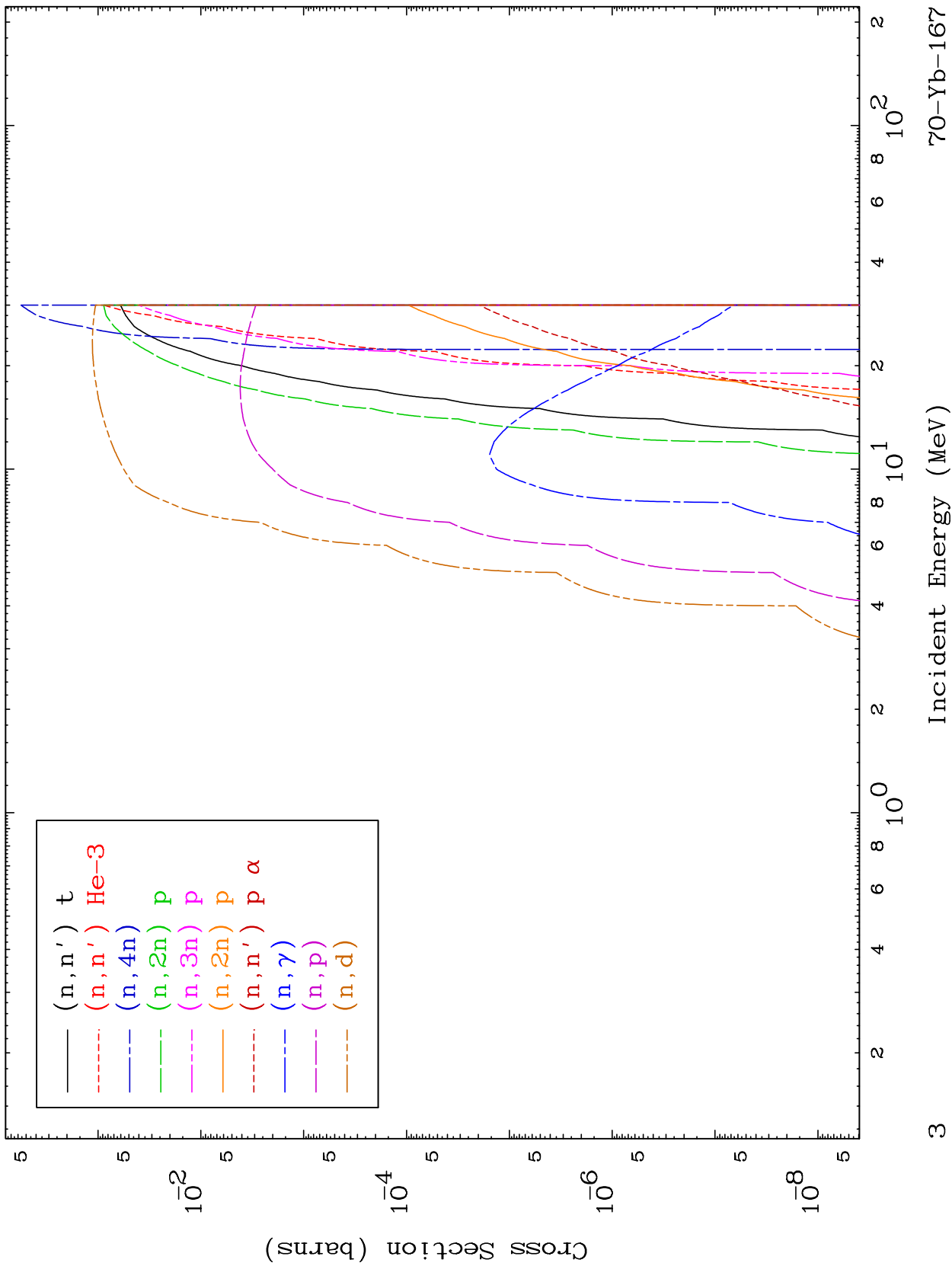


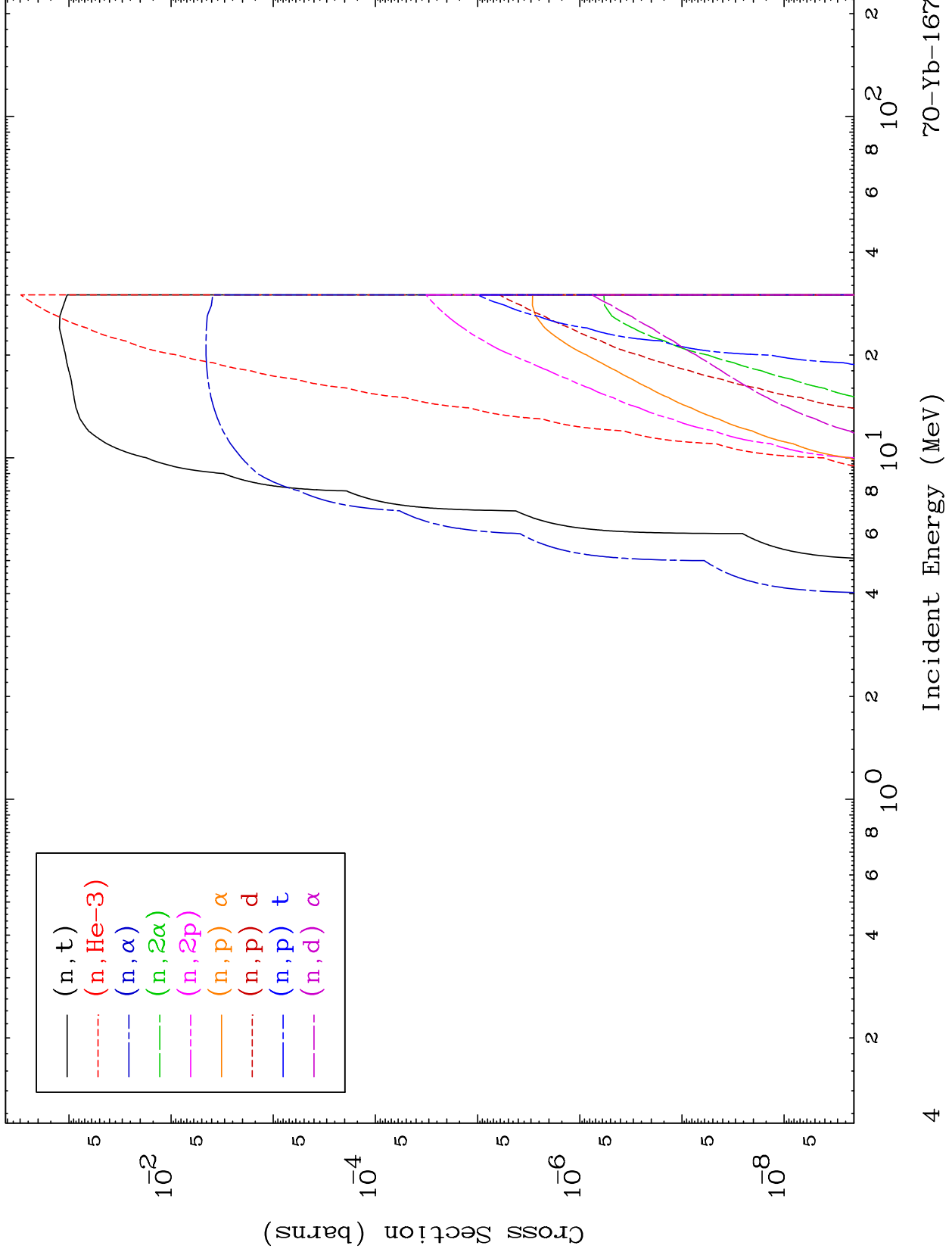
MAT 7022

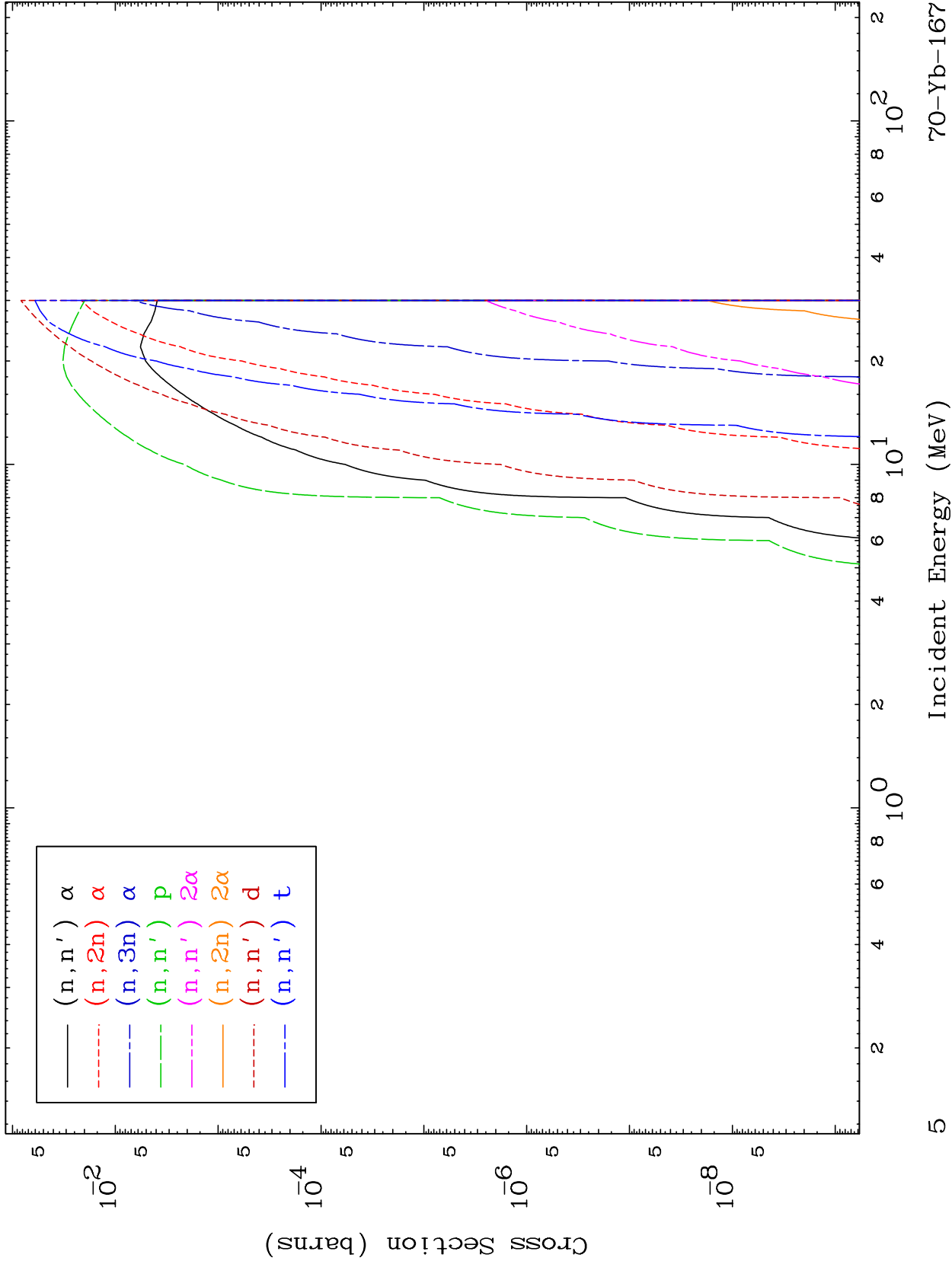
Triton Neutron Absorption  
0 Kelvin Cross Sections

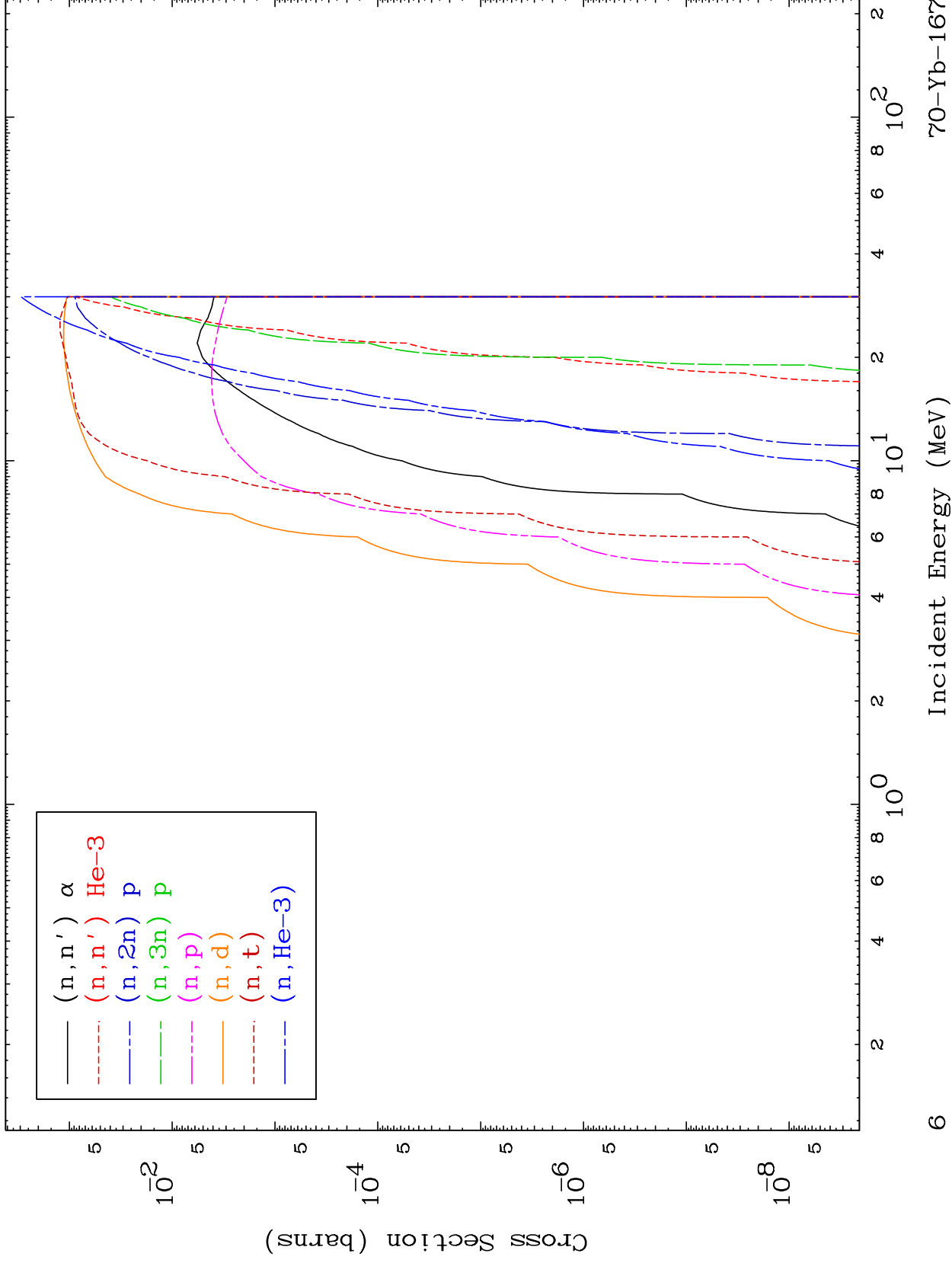
70-Yb-167

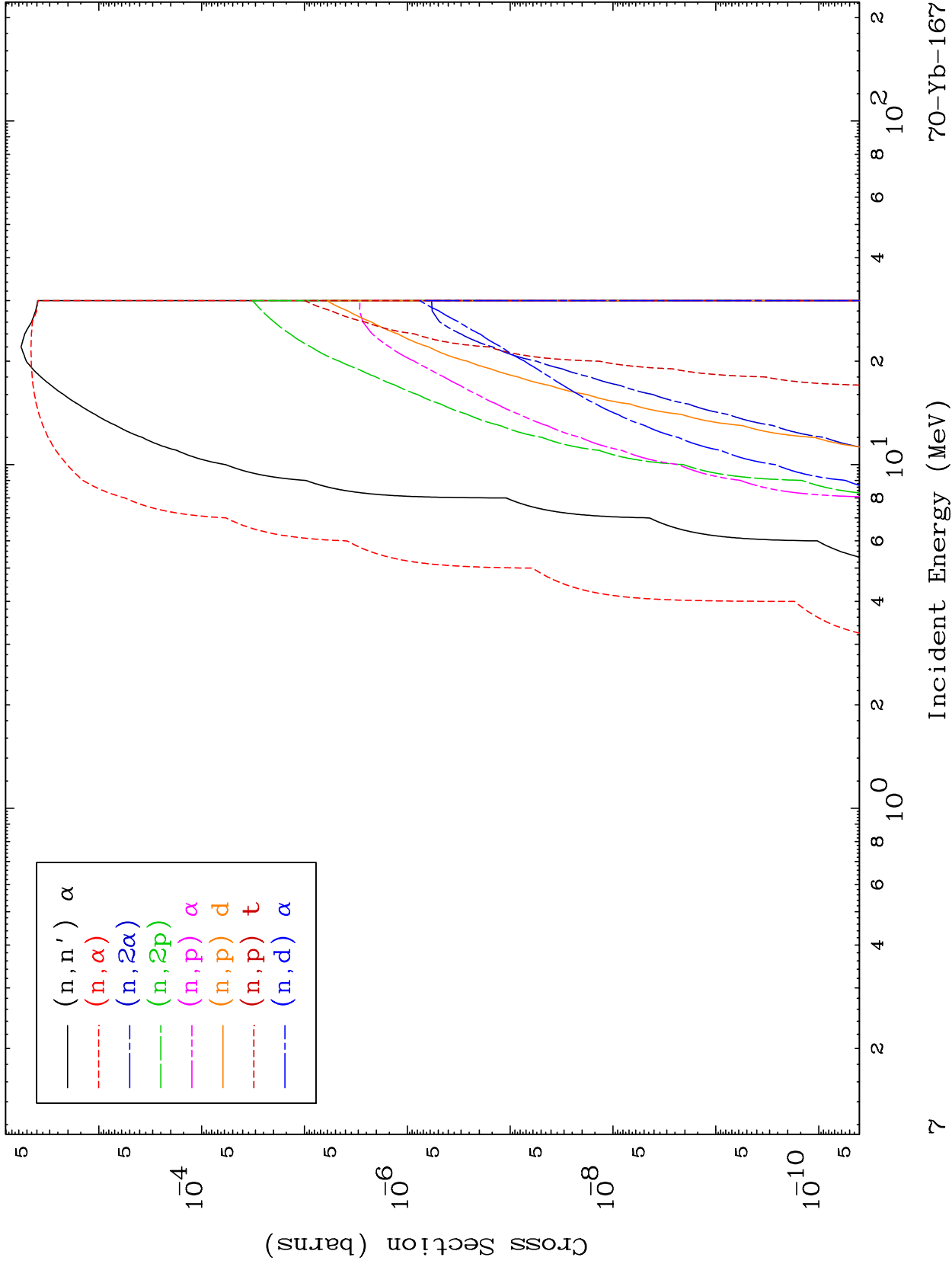








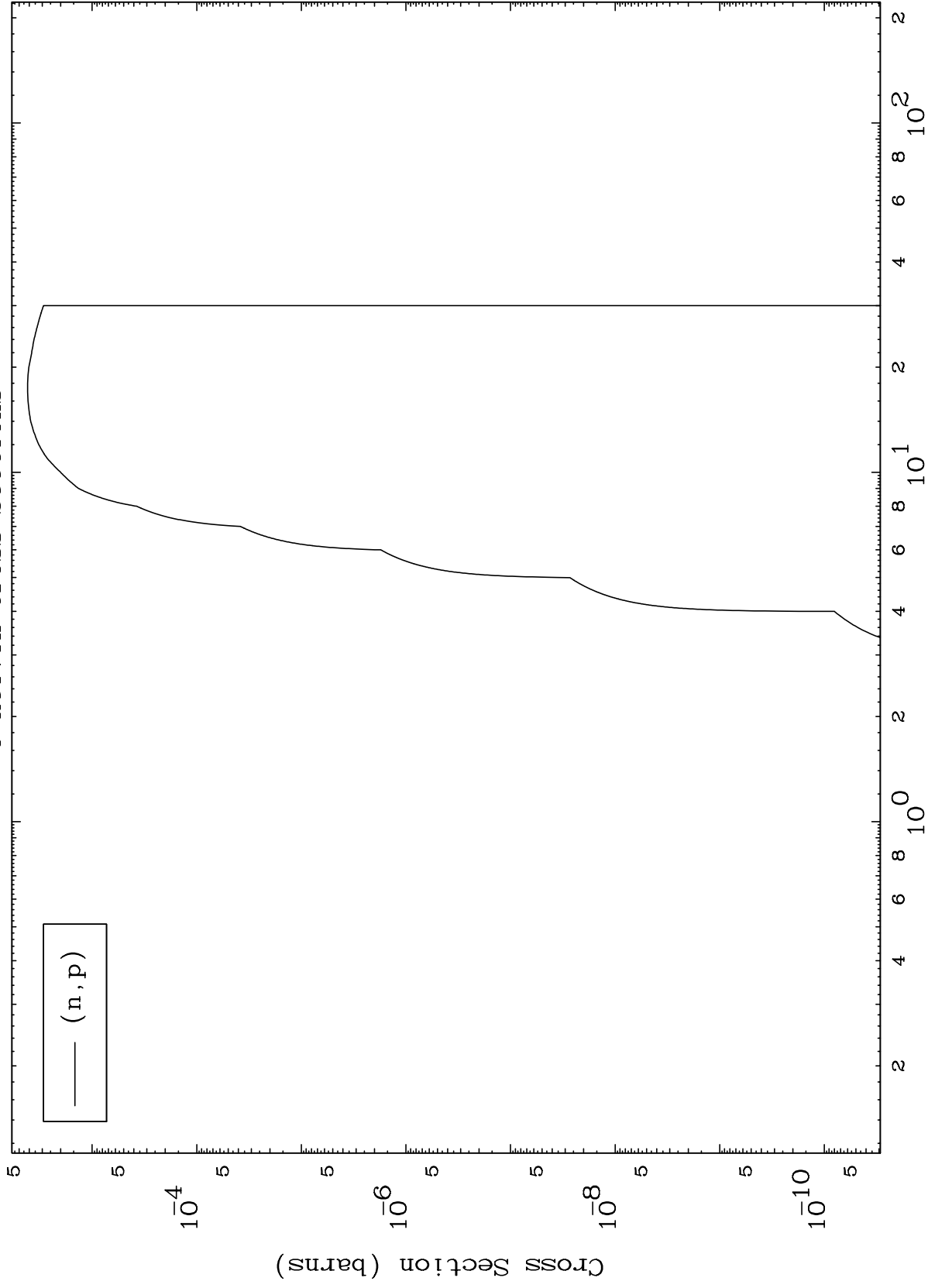




MAT 7022

70-Yb-167

(t,p) Levels  
0 Kelvin Cross Sections

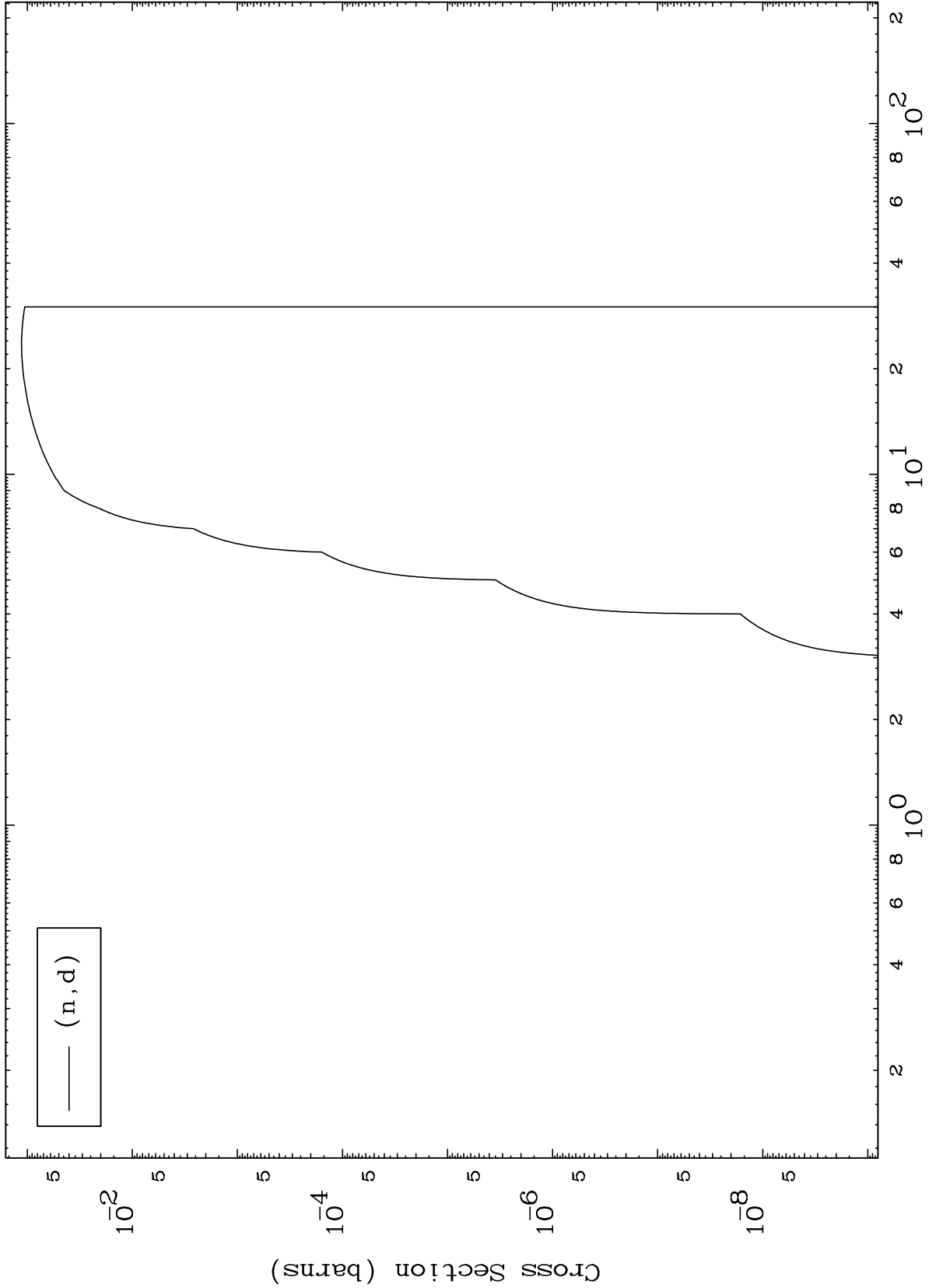


MAT 7022

(t, d) Levels

70-Yb-167

0 Kelvin Cross Sections

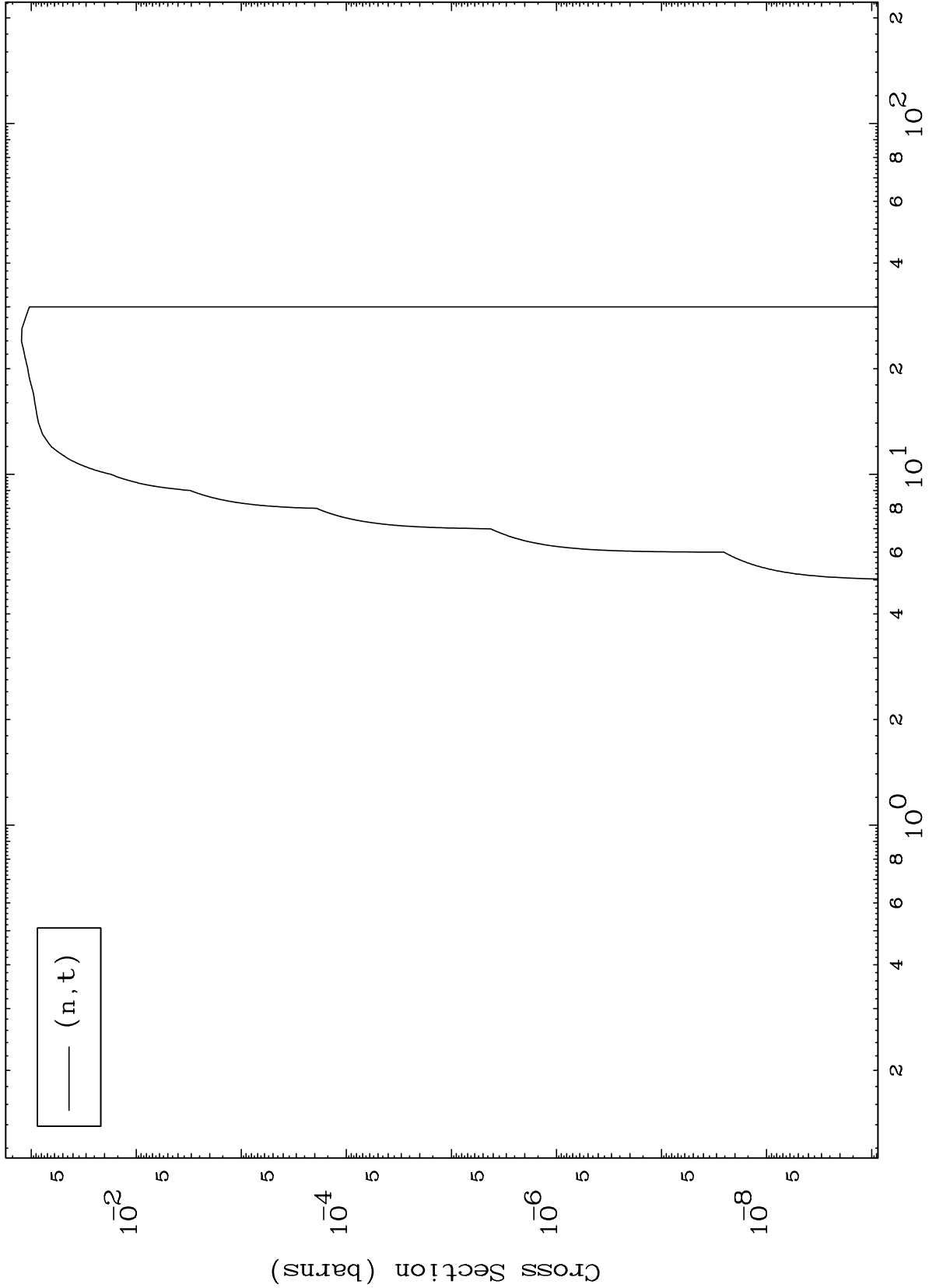


MAT 7022

(t, t) Levels

70-Yb-167

0 Kelvin Cross Sections



10

Incident Energy (MeV)

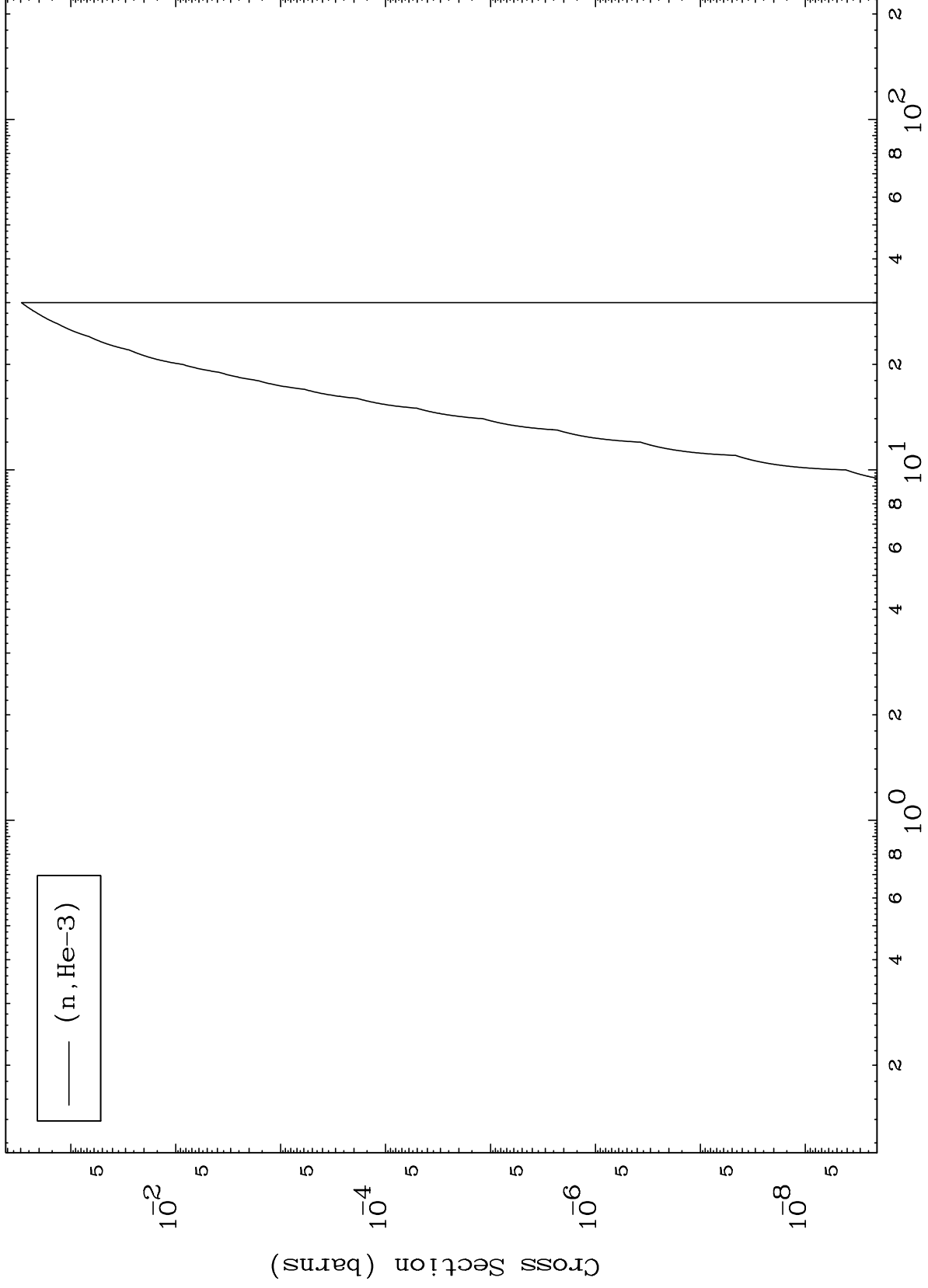
70-Yb-167

MAT 7022

(t,He3) Levels

70-Yb-167

0 Kelvin Cross Sections

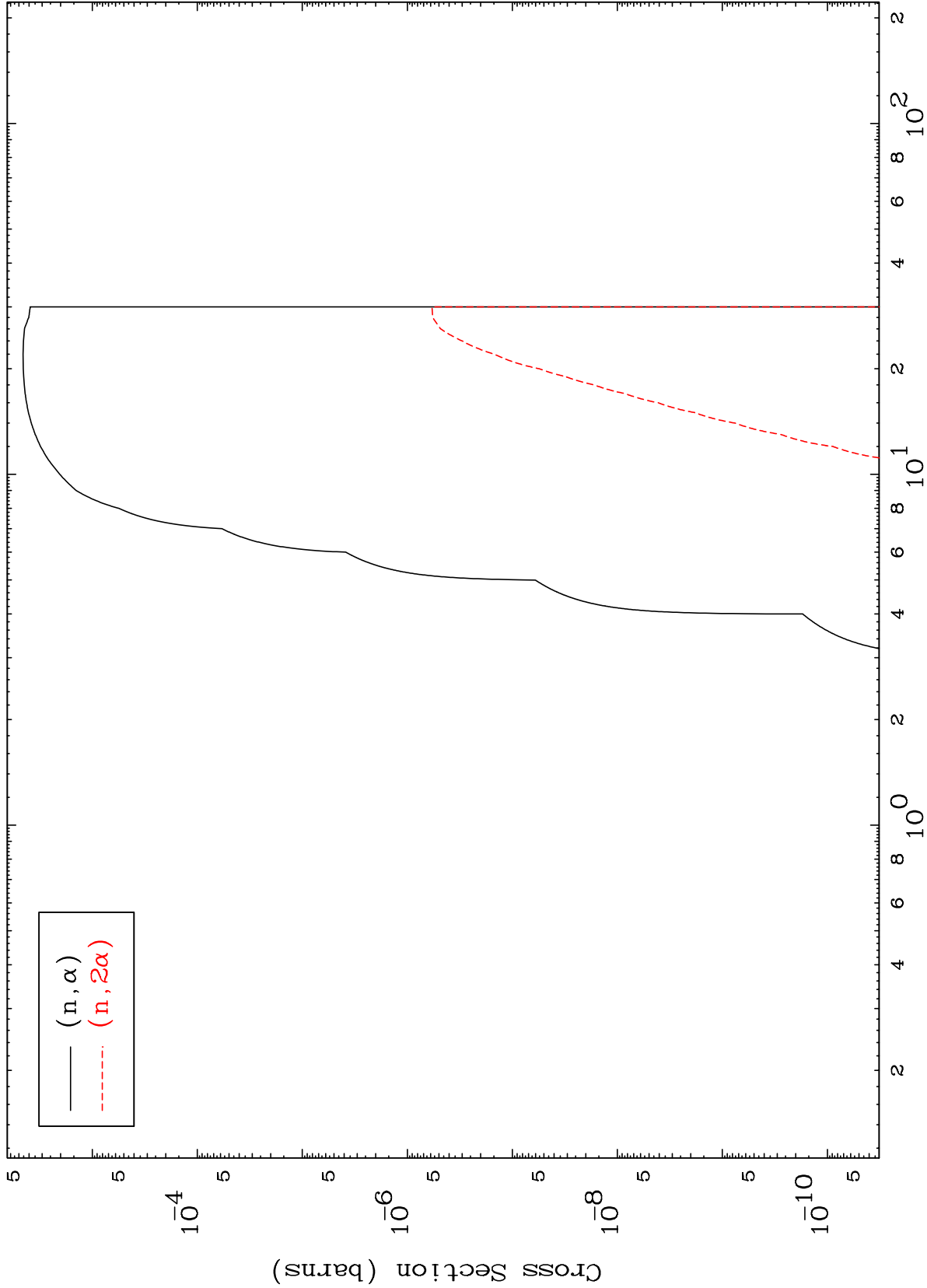


MAT 7022

(t,  $\alpha$ ) Levels

70-Yb-167

0 Kelvin Cross Sections



12

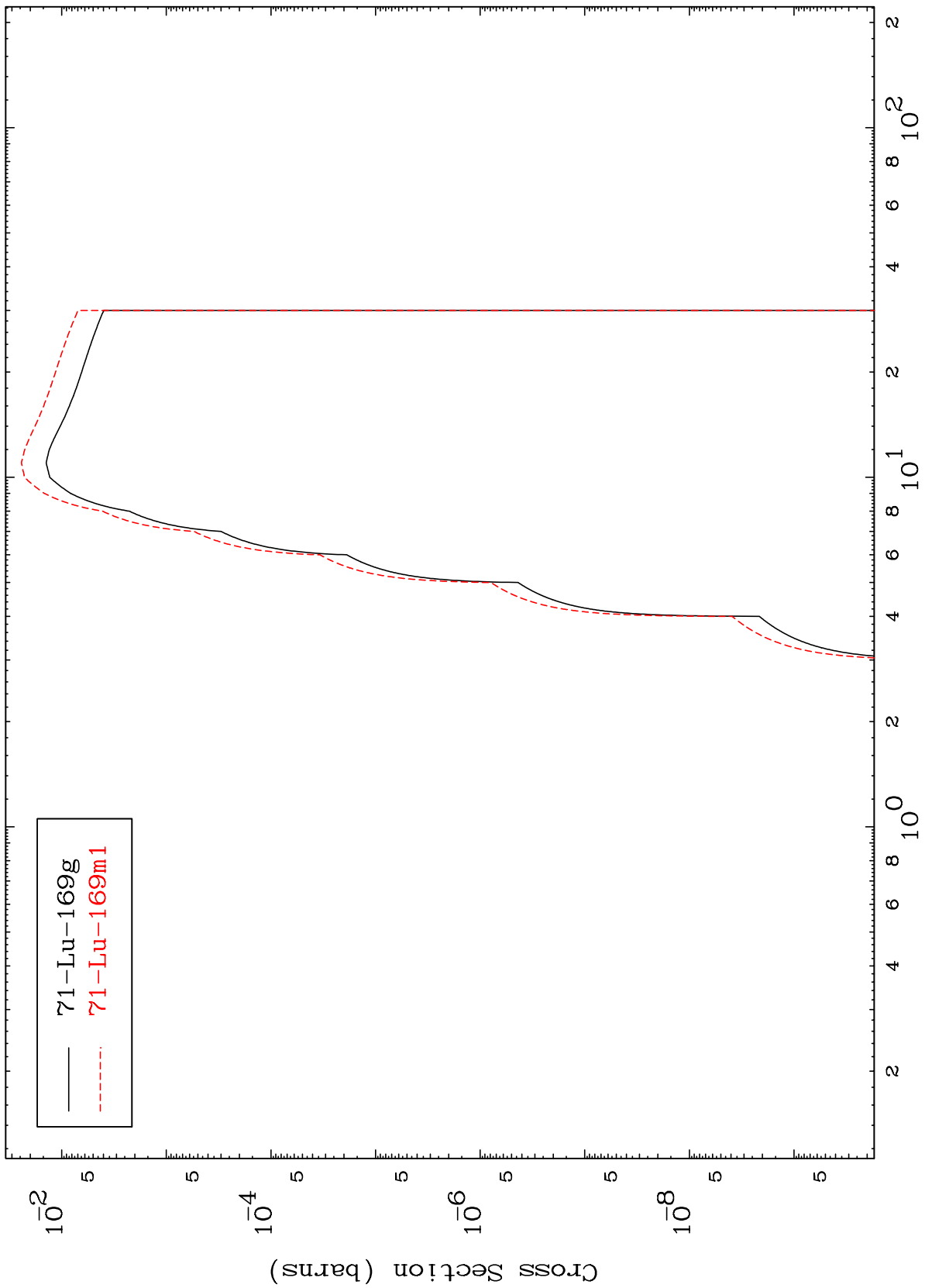
Incident Energy (MeV)

70-Yb-167

MAT 7022

70-Yb-167

Inelastic  
Radionuclide Production Cross Section



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

70-Yb-167

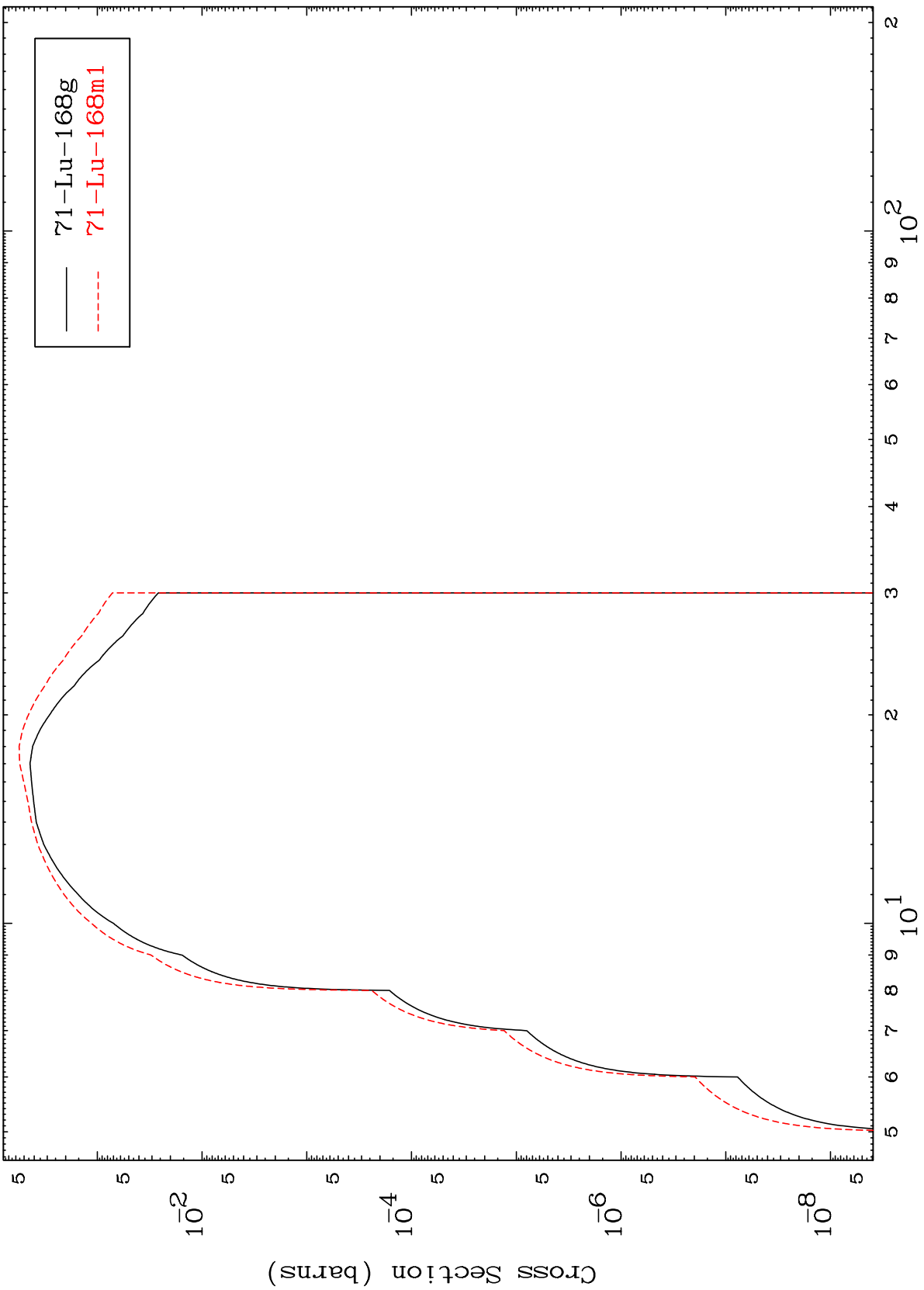
Incident Energy (MeV)

13

MAT 7022

70-Yb-167

(n,2n)  
Radionuclide Production Cross Section



70-Yb-167

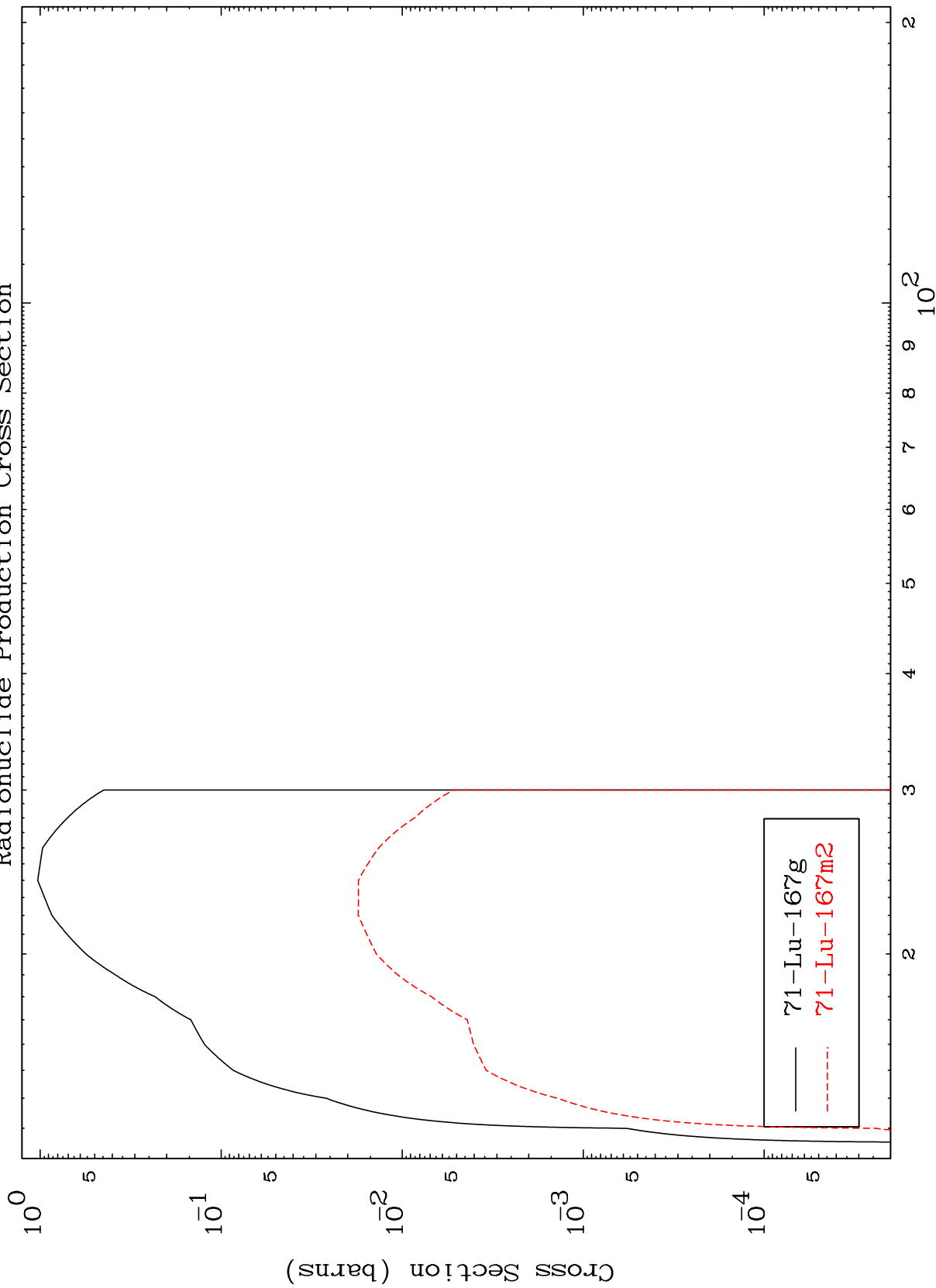
Incident Energy (MeV)

14

MAT 7022

70-Yb-167

(n,3n)  
Radionuclide Production Cross Section



70-Yb-167

Incident Energy (MeV)

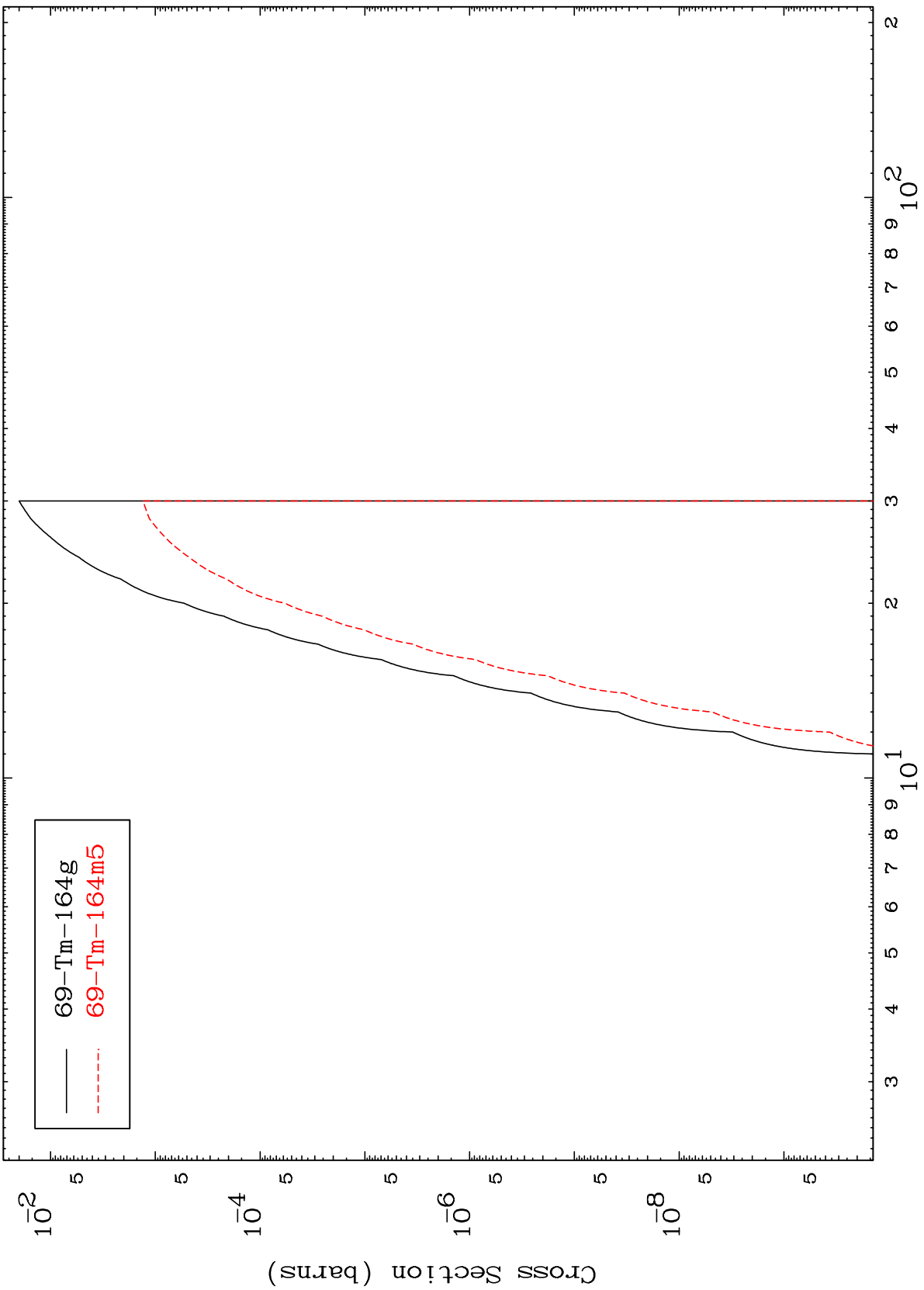
15

MAT 7022

(n,2n)  $\alpha$

70-Yb-167

Radionuclide Production Cross Section



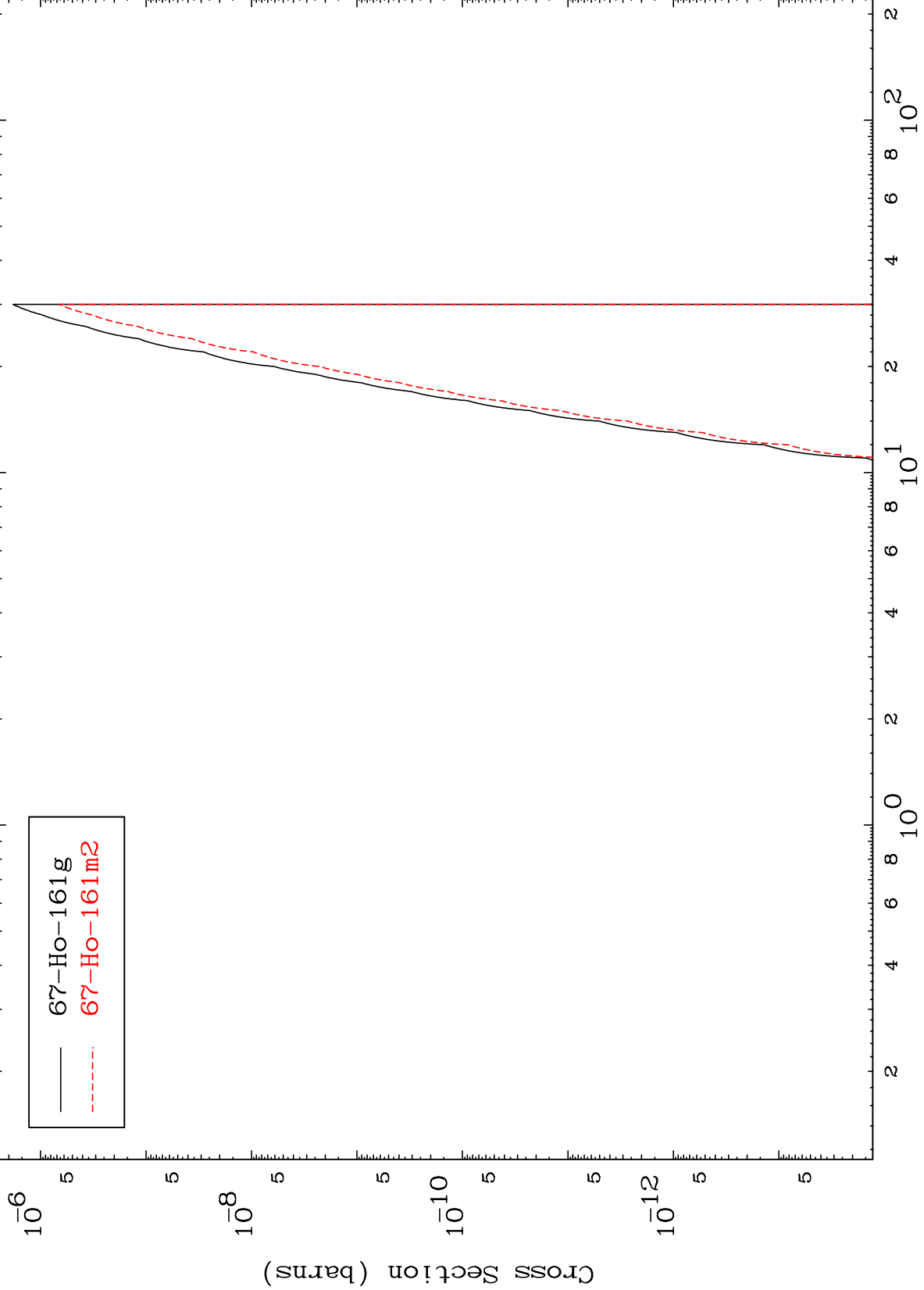
69-Tm-164g  
69-Tm-164m5

MAT 7022

(n,n') 2α

70-Yb-167

Radionuclide Production Cross Section

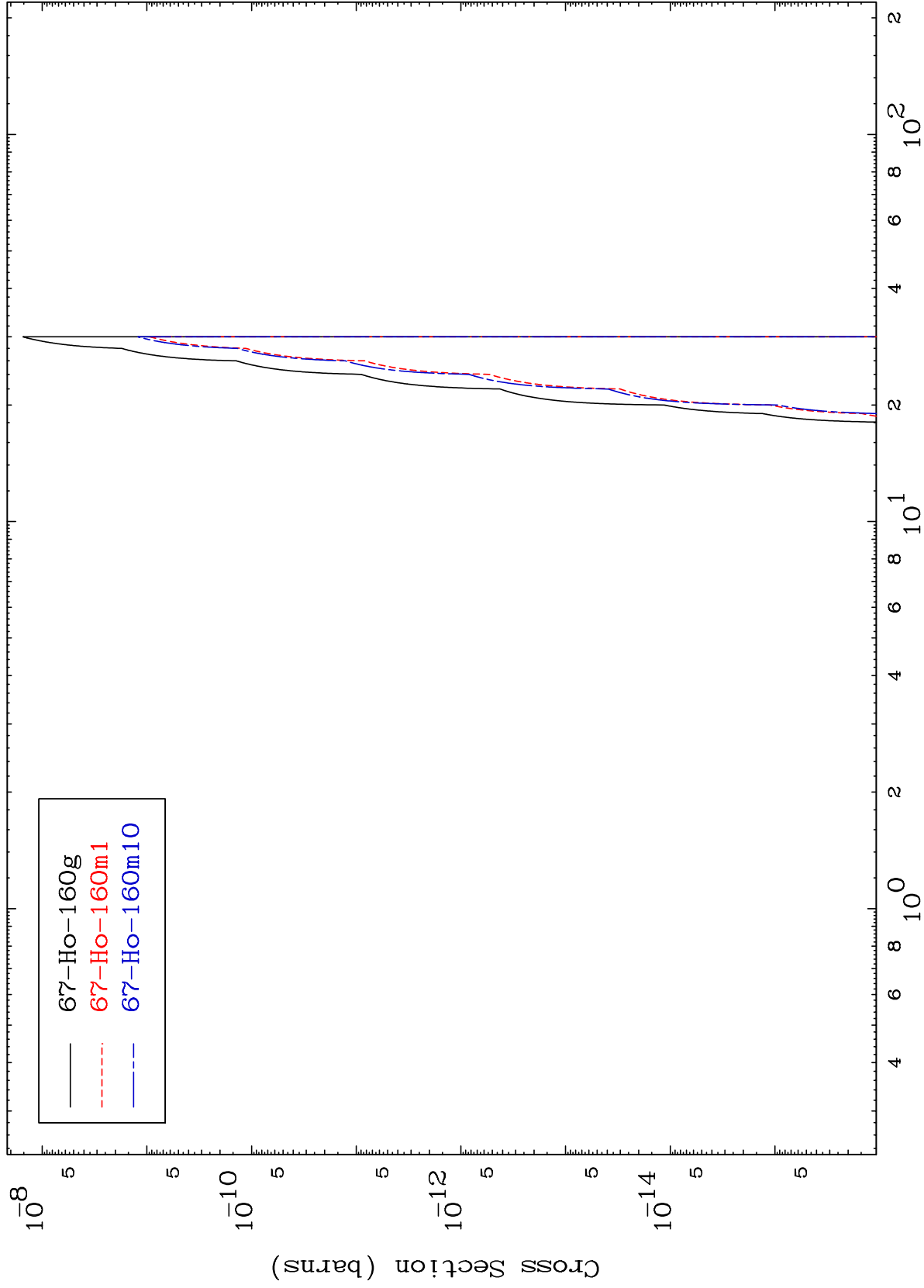


MAT 7022

(n,2n) 2α

70-Yb-167

Radionuclide Production Cross Section

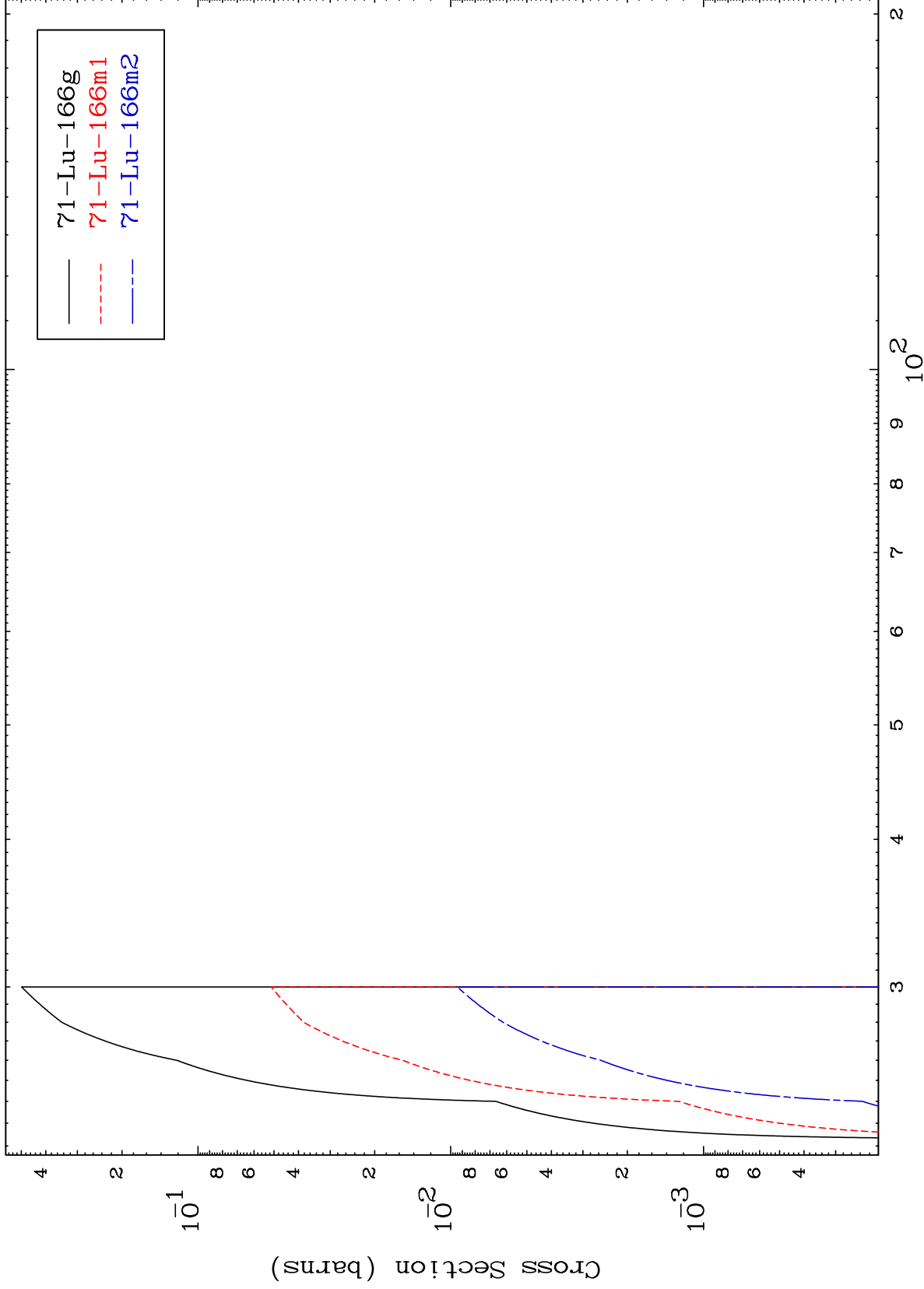


18

Incident Energy (MeV)

70-Yb-167

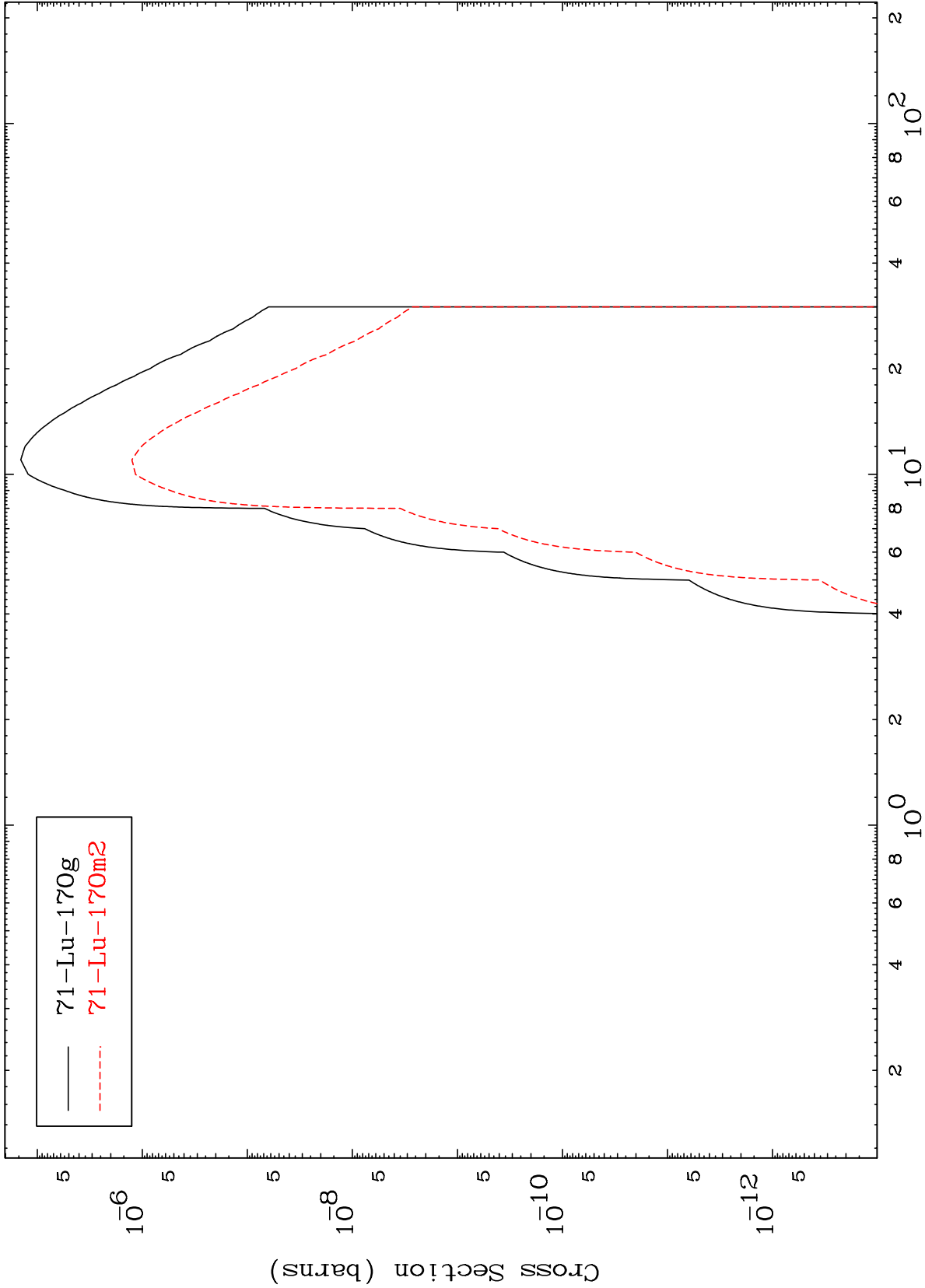
Radionuclide Production Cross Section



MAT 7022

70-Yb-167

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



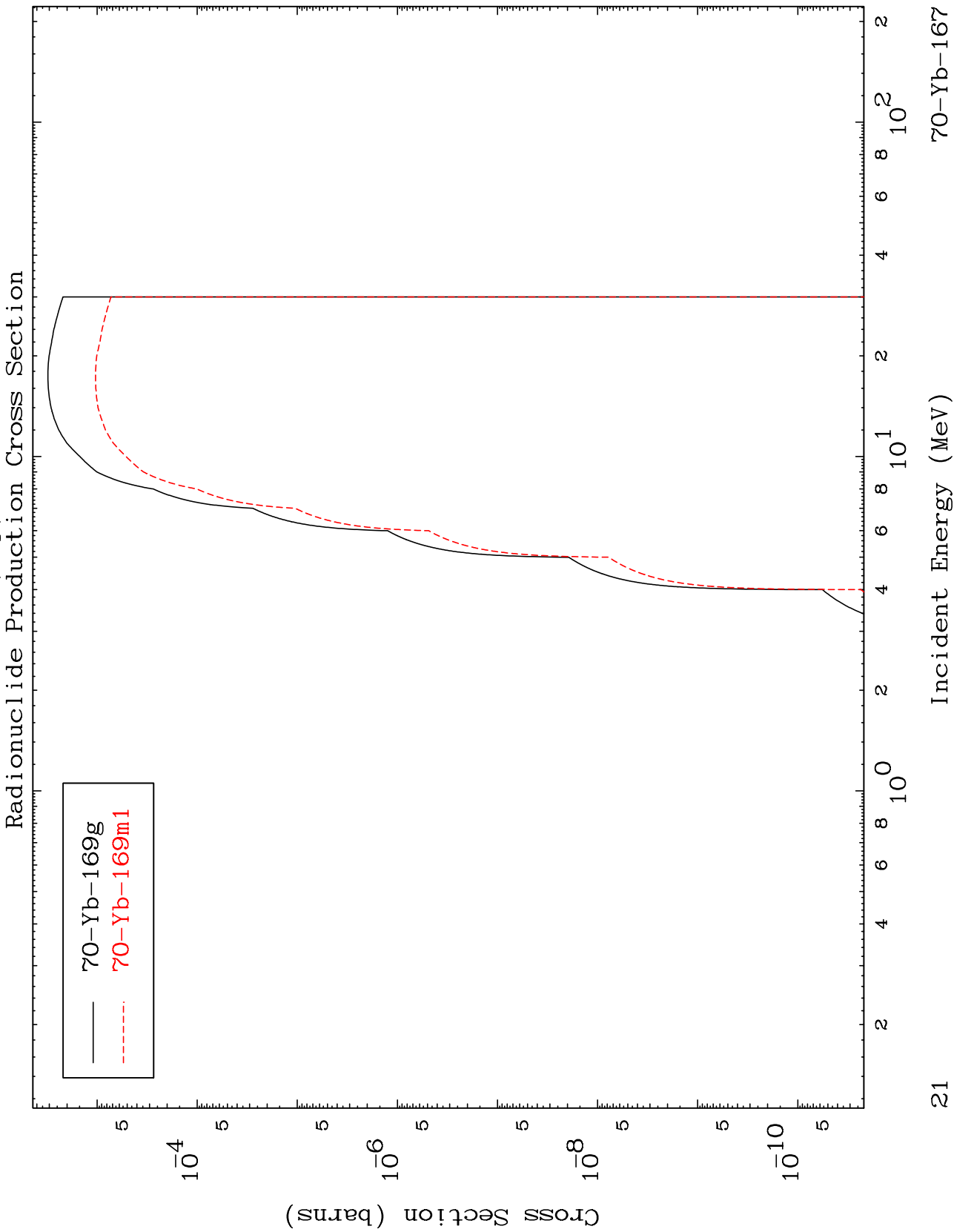
20

Incident Energy (MeV)

70-Yb-167

MAT 7022

$^{70}\text{Yb-167}$



MAT 7022

(n,2α)

70-Yb-167

