

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](mailto:redcullen1@comcast.net)

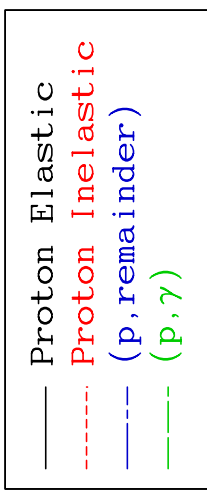
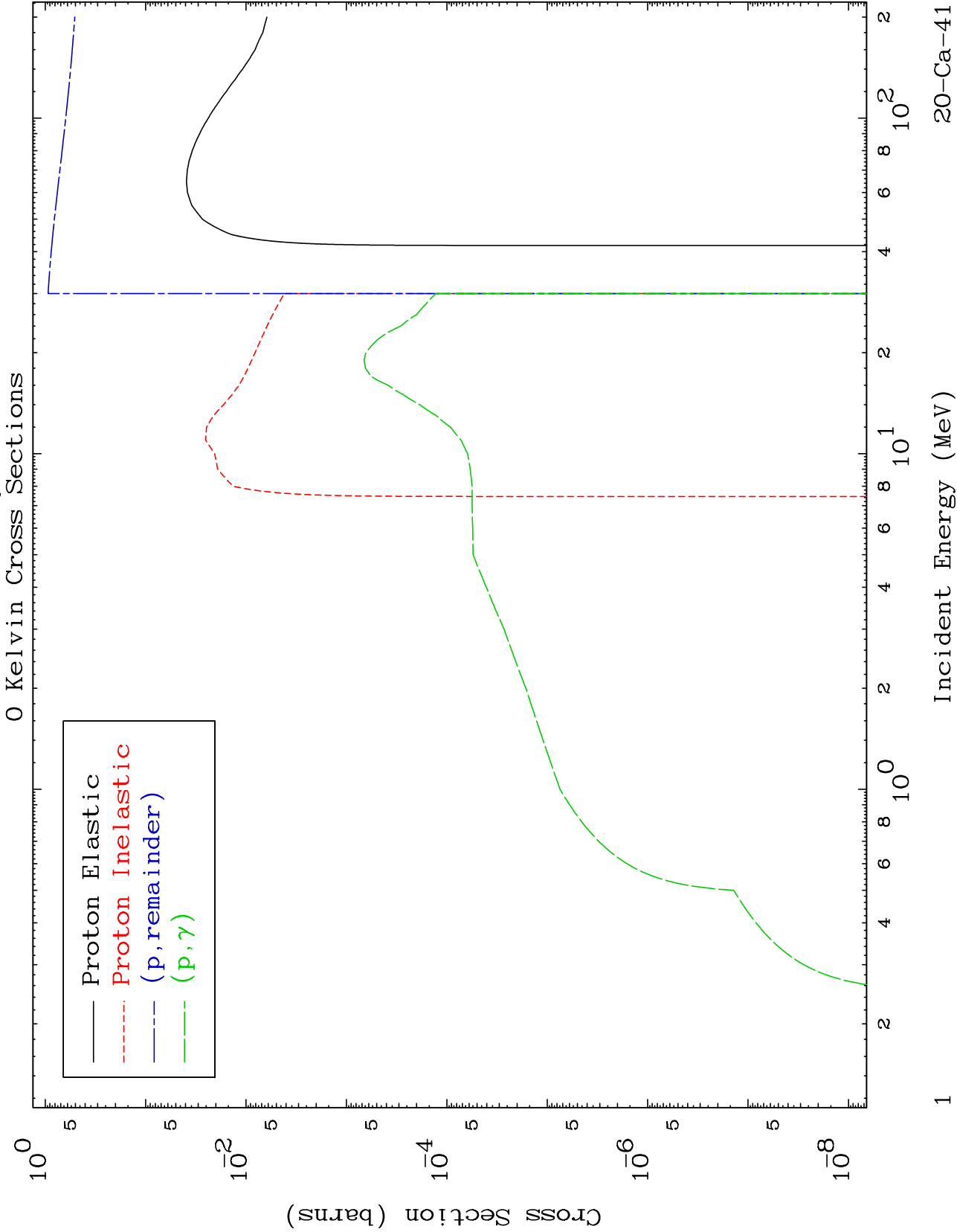
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2028

Proton Major

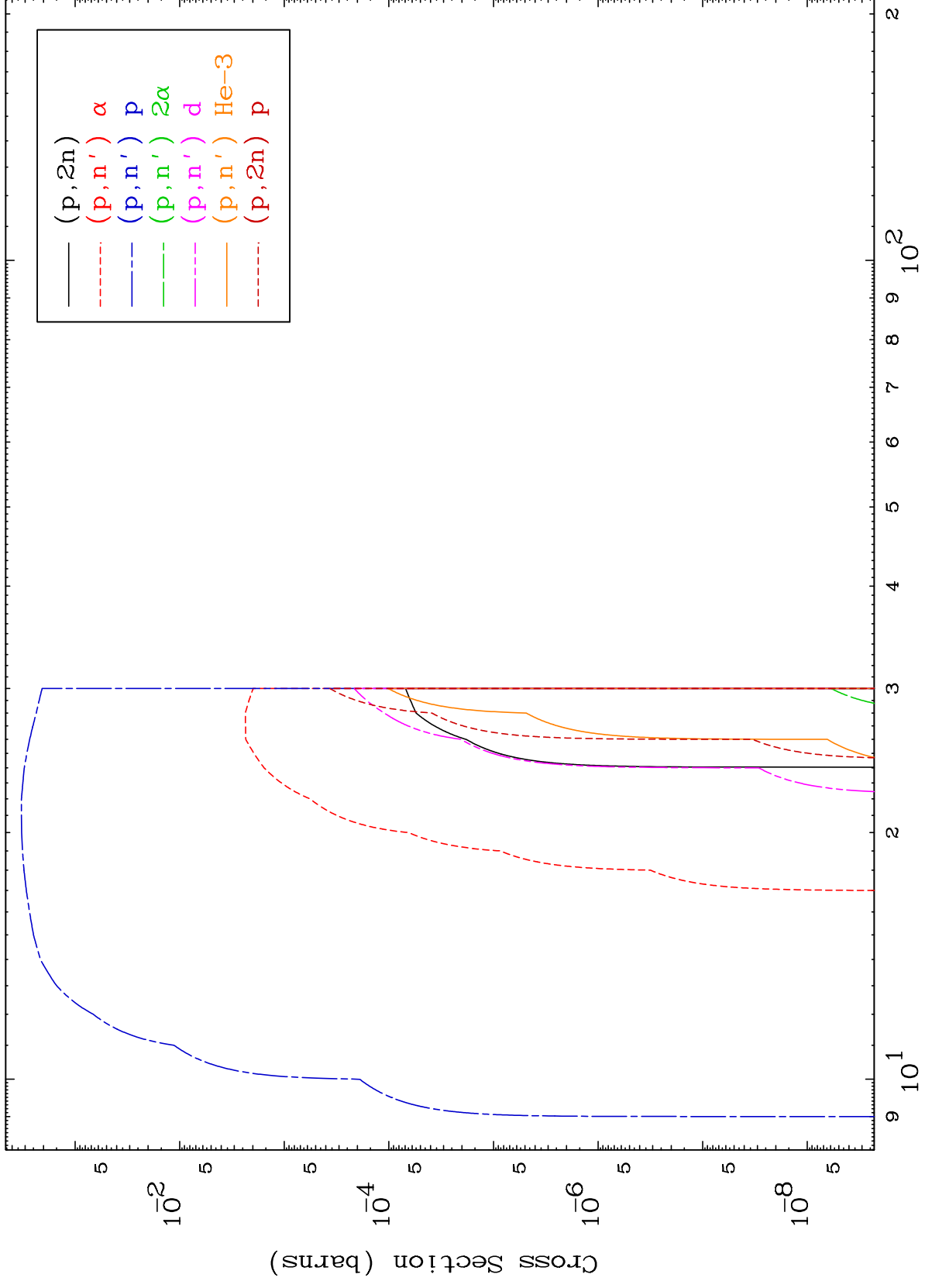
20-Ca-41



MAT 2028

Proton Neutron Production  
0 Kelvin Cross Sections

20-Ca-41



20-Ca-41

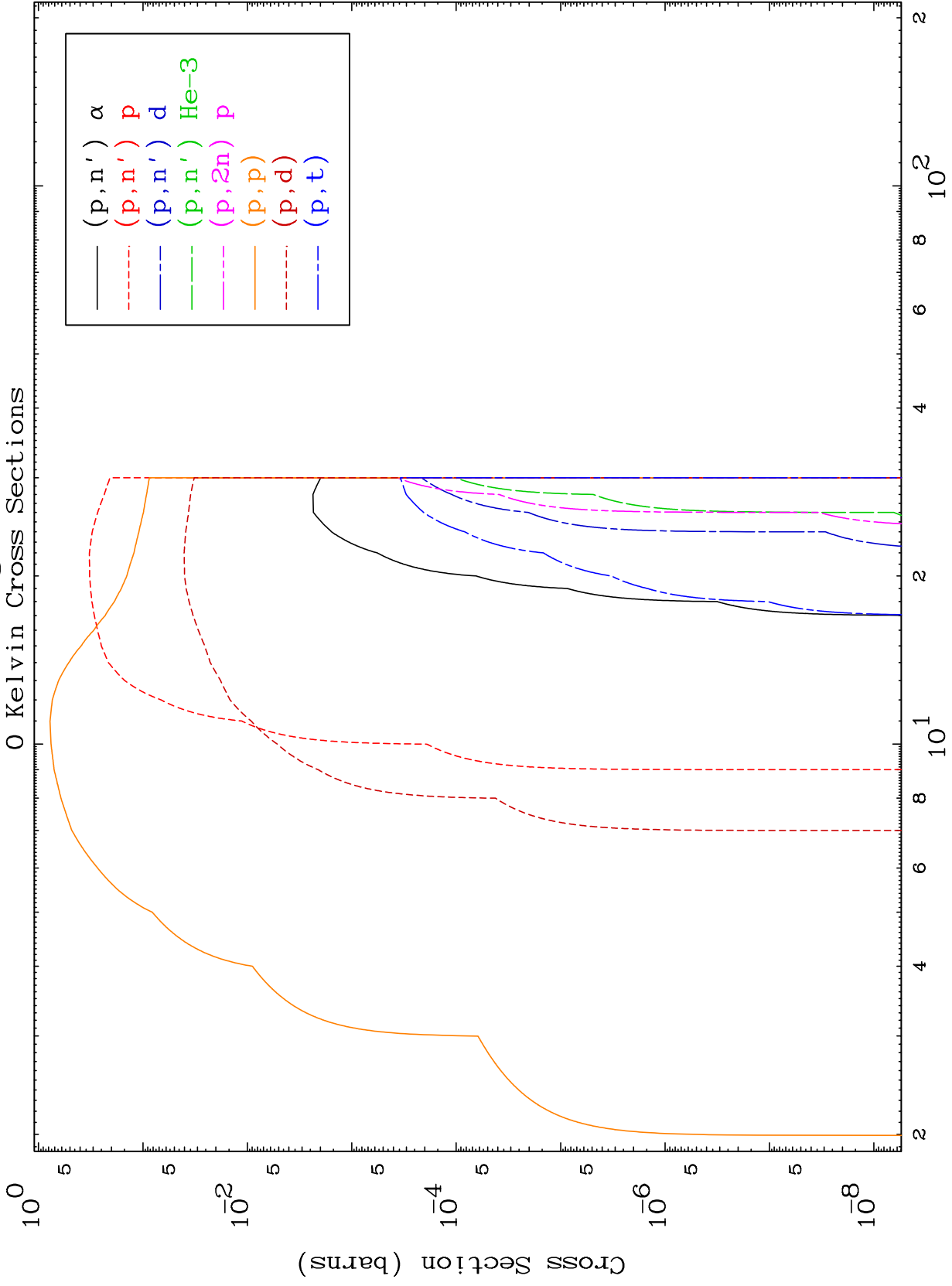
Incident Energy (MeV)

2

MAT 2028

Proton Charged Particle  
0 Kelvin Cross Sections

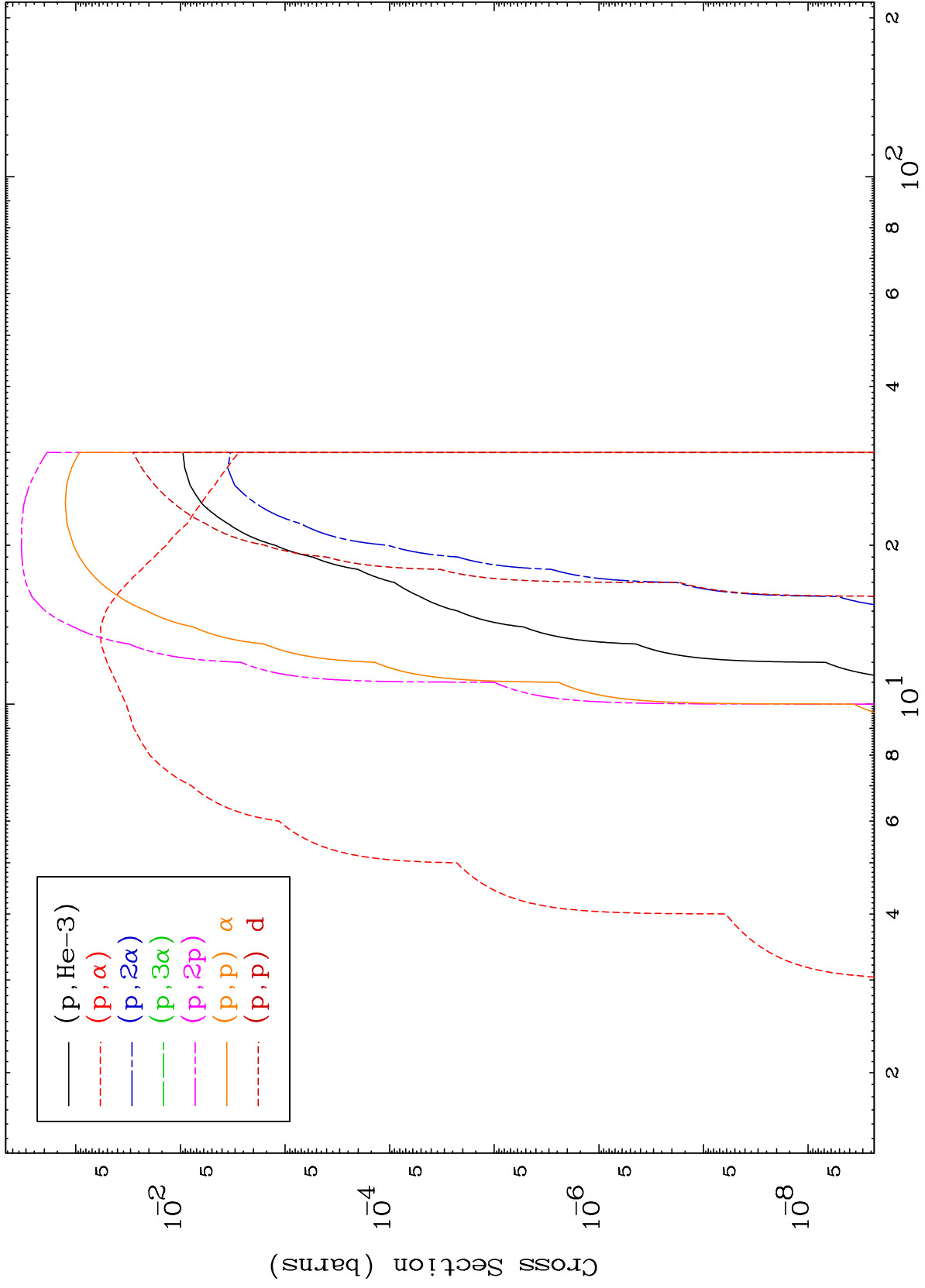
20-Ca-41



3

Incident Energy (MeV)

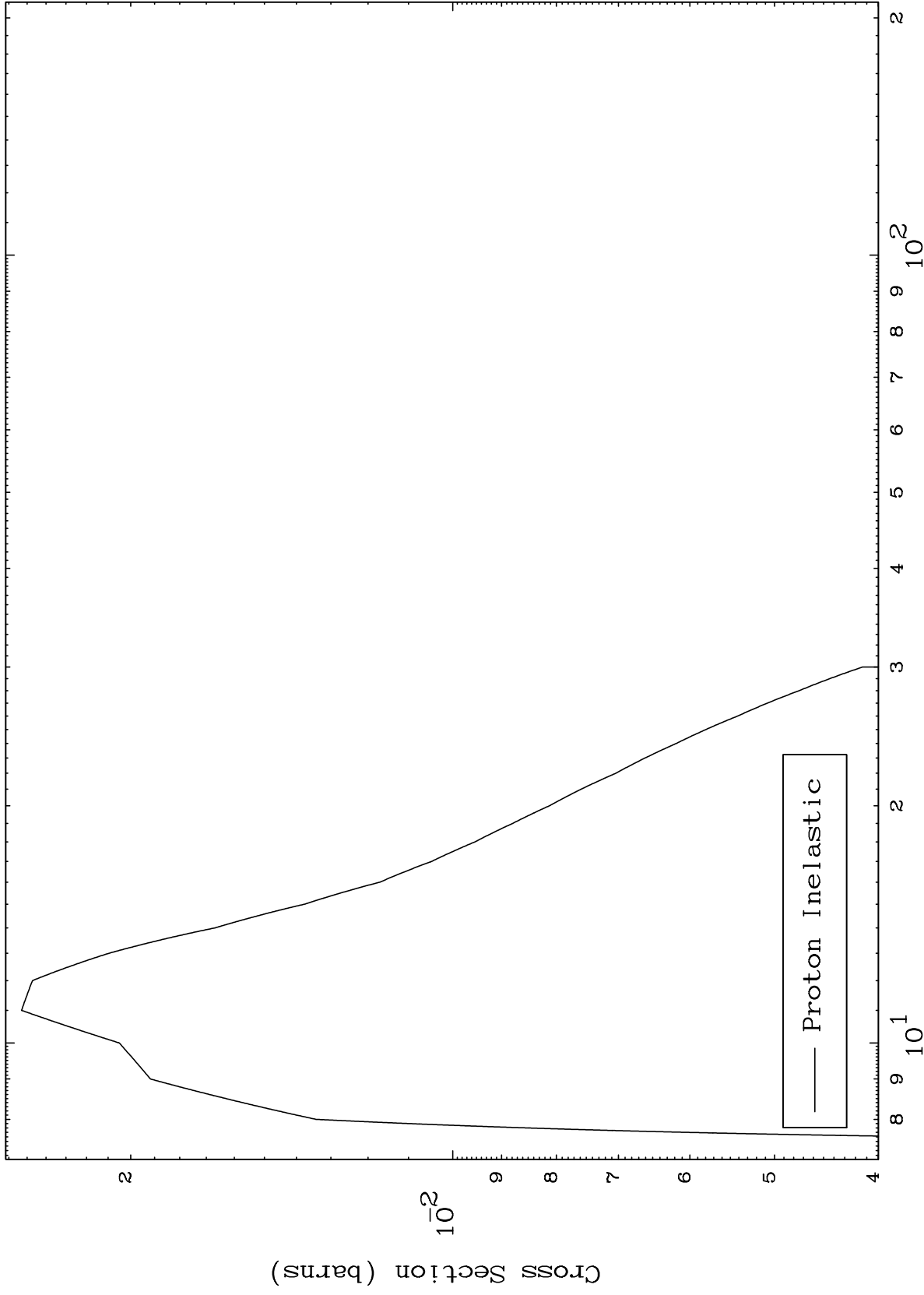
20-Ca-41



MAT 2028

(p,n') Level  
0 Kelvin Cross Sections

20-Ca-41



— Proton Inelastic

5

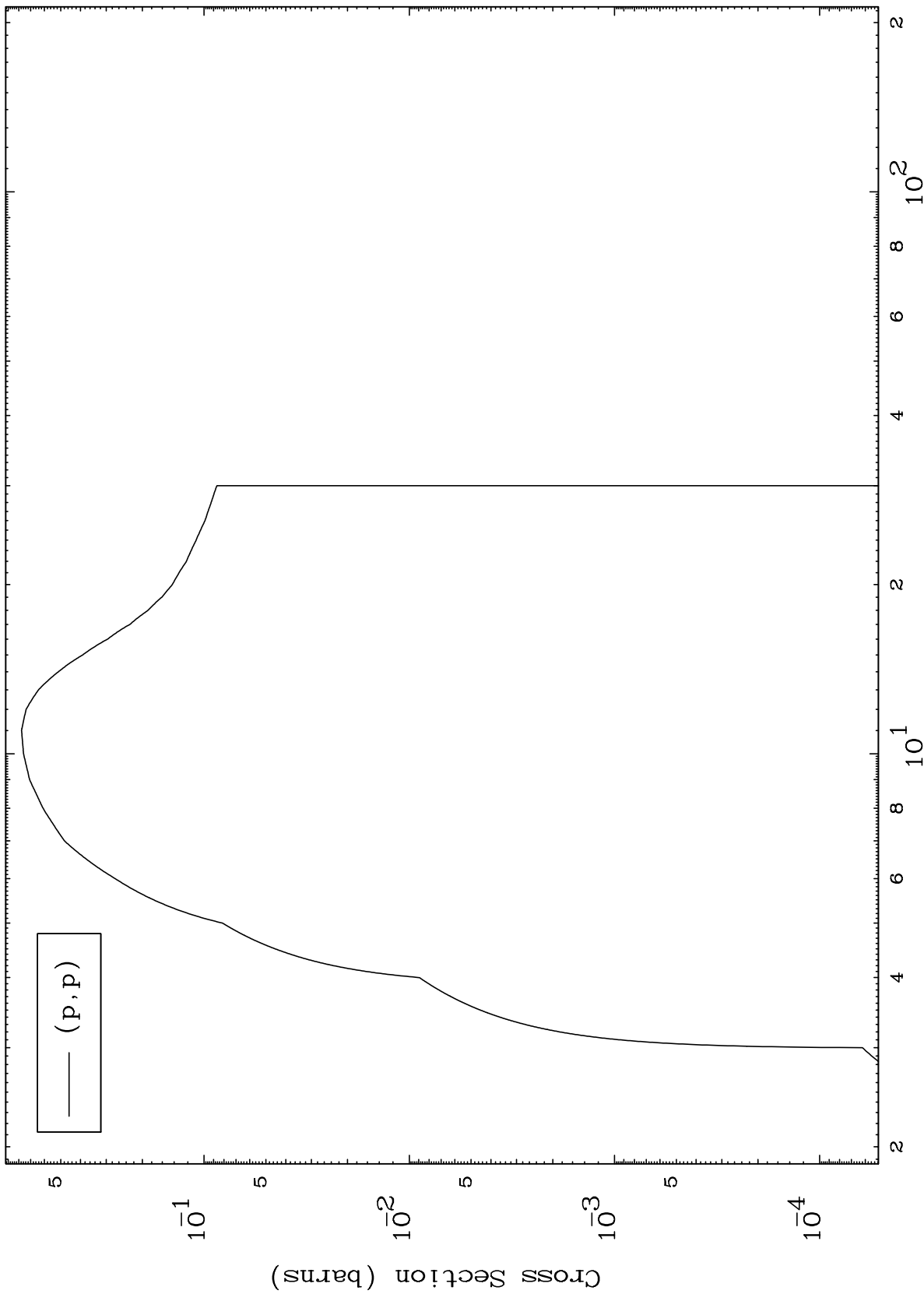
Incident Energy (MeV)

20-Ca-41

MAT 2028

20-Ca-41

(p,p) Levels  
0 Kelvin Cross Sections



20-Ca-41

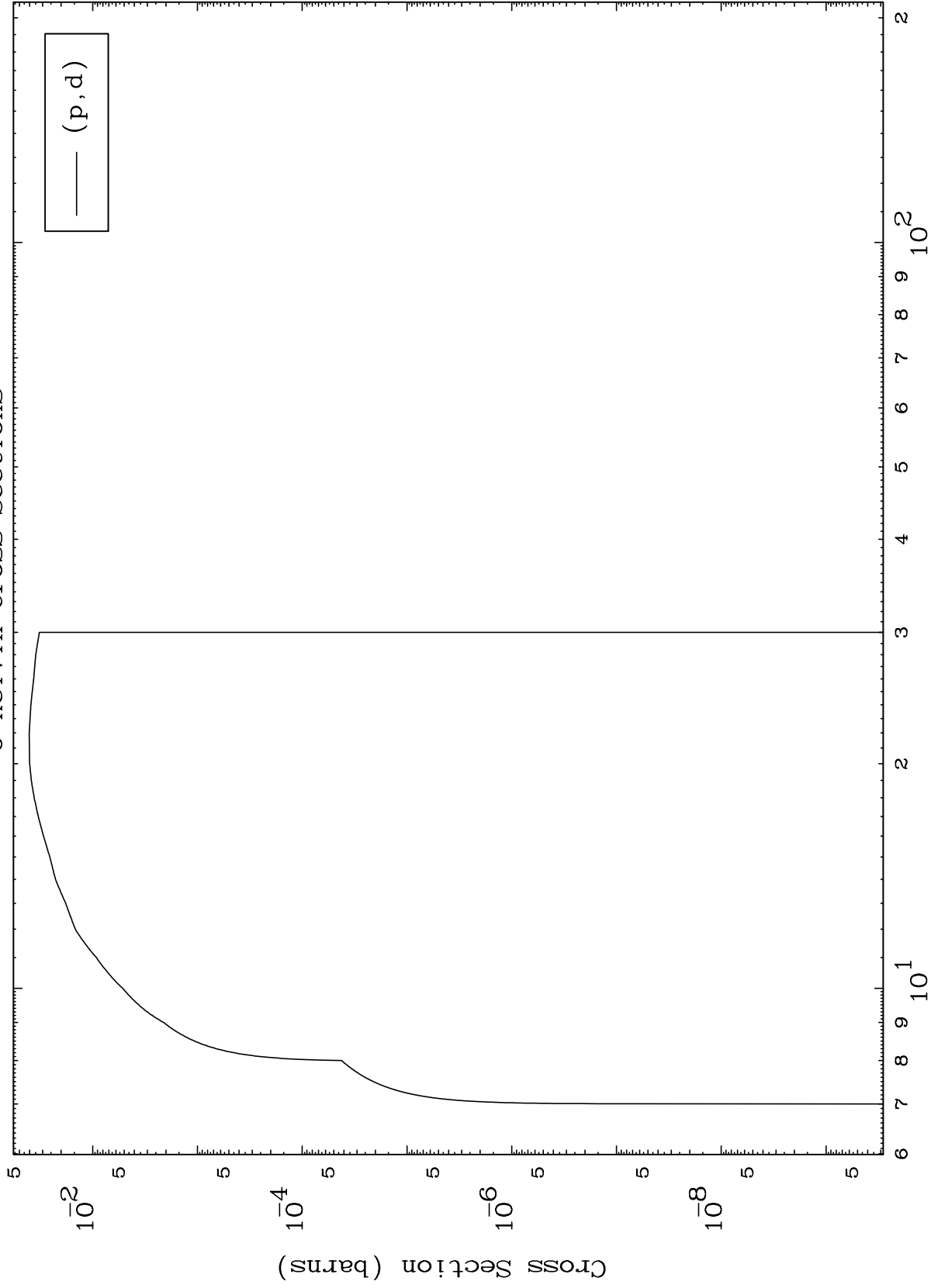
Incident Energy (MeV)

6

MAT 2028

(p,d) Levels  
0 Kelvin Cross Sections

20-Ca-41



7

Incident Energy (MeV)

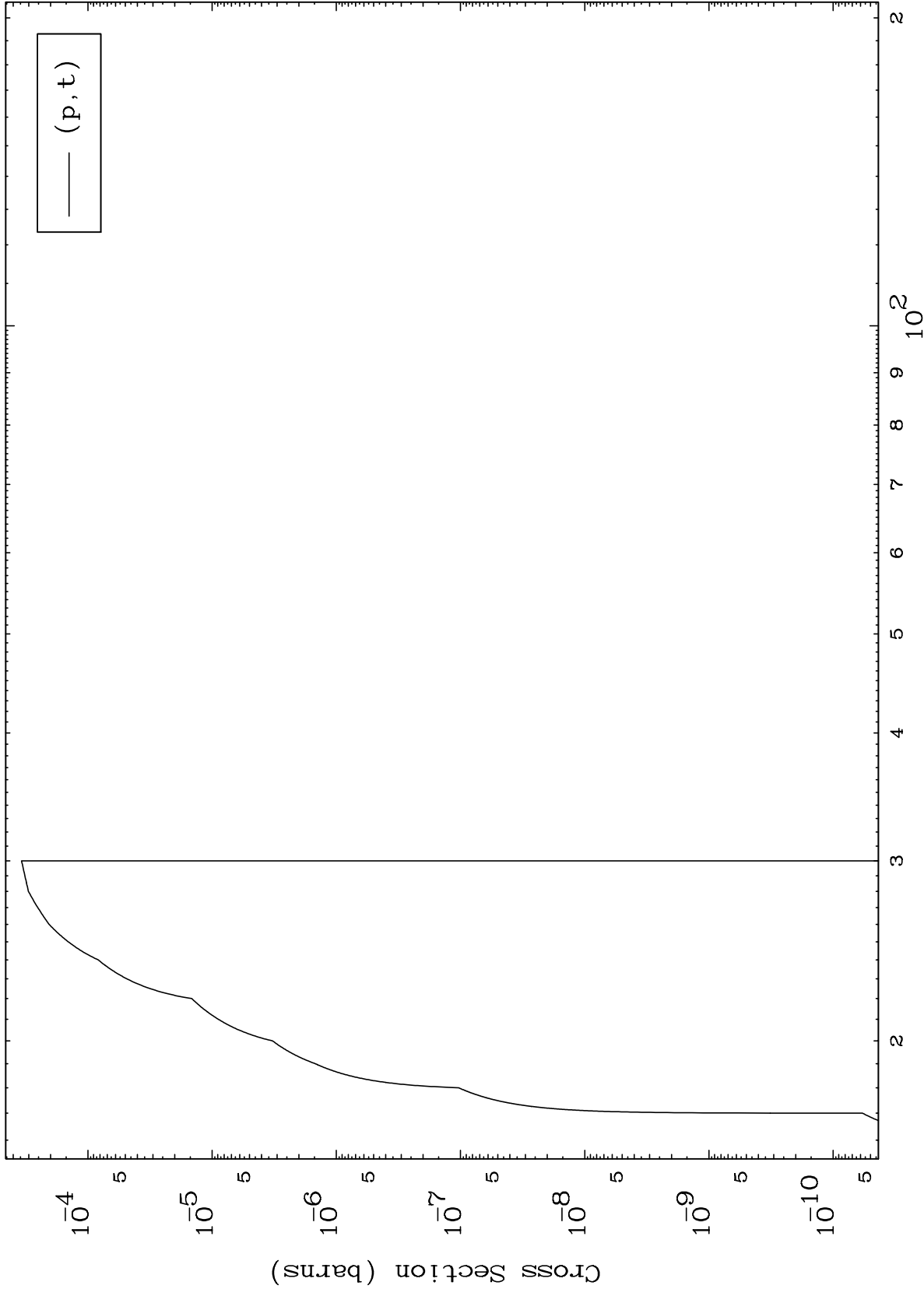
20-Ca-41



MAT 2028

(p,t) Levels  
0 Kelvin Cross Sections

20-Ca-41



8

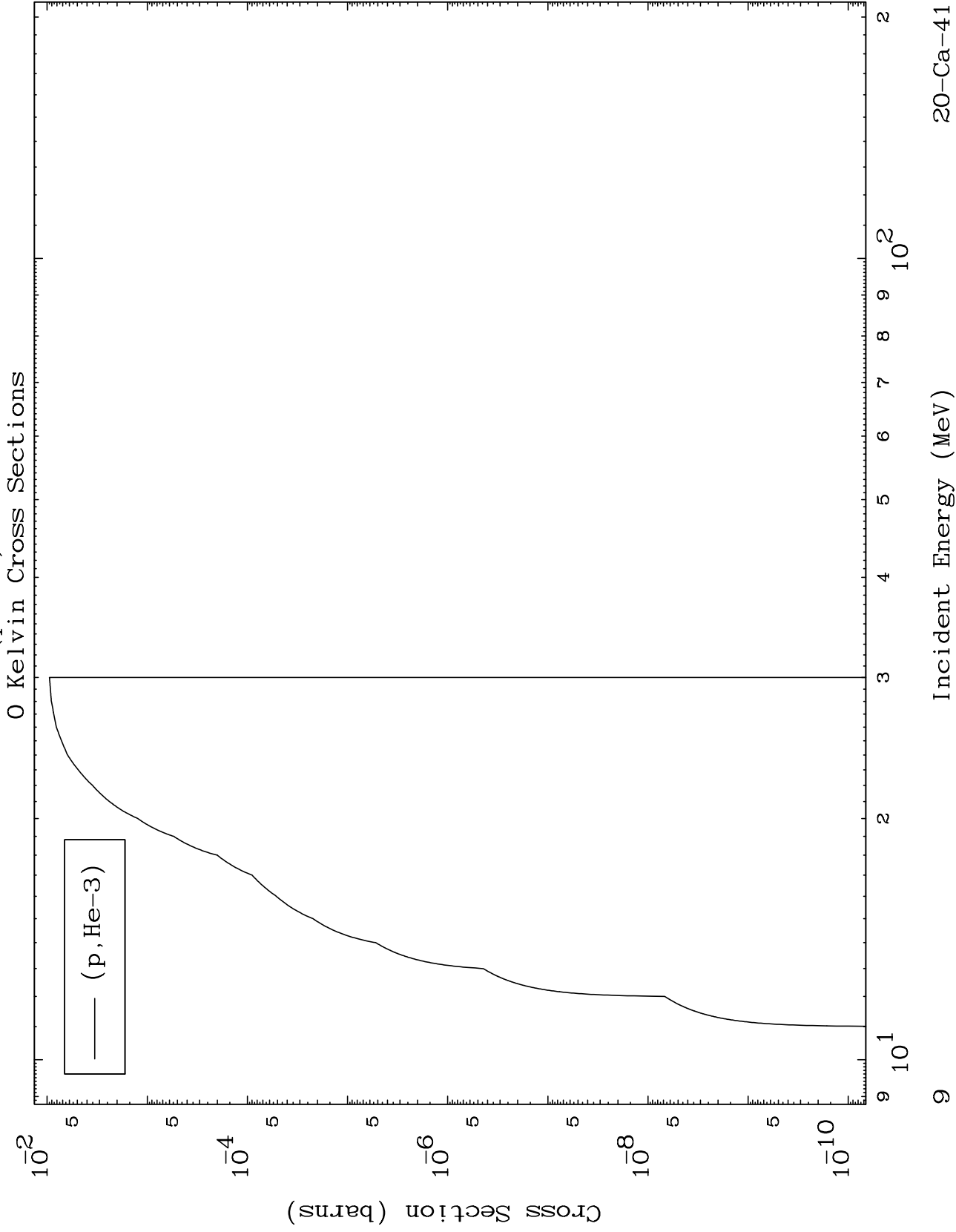
Incident Energy (MeV)

20-Ca-41

MAT 2028

(p,He3) Levels

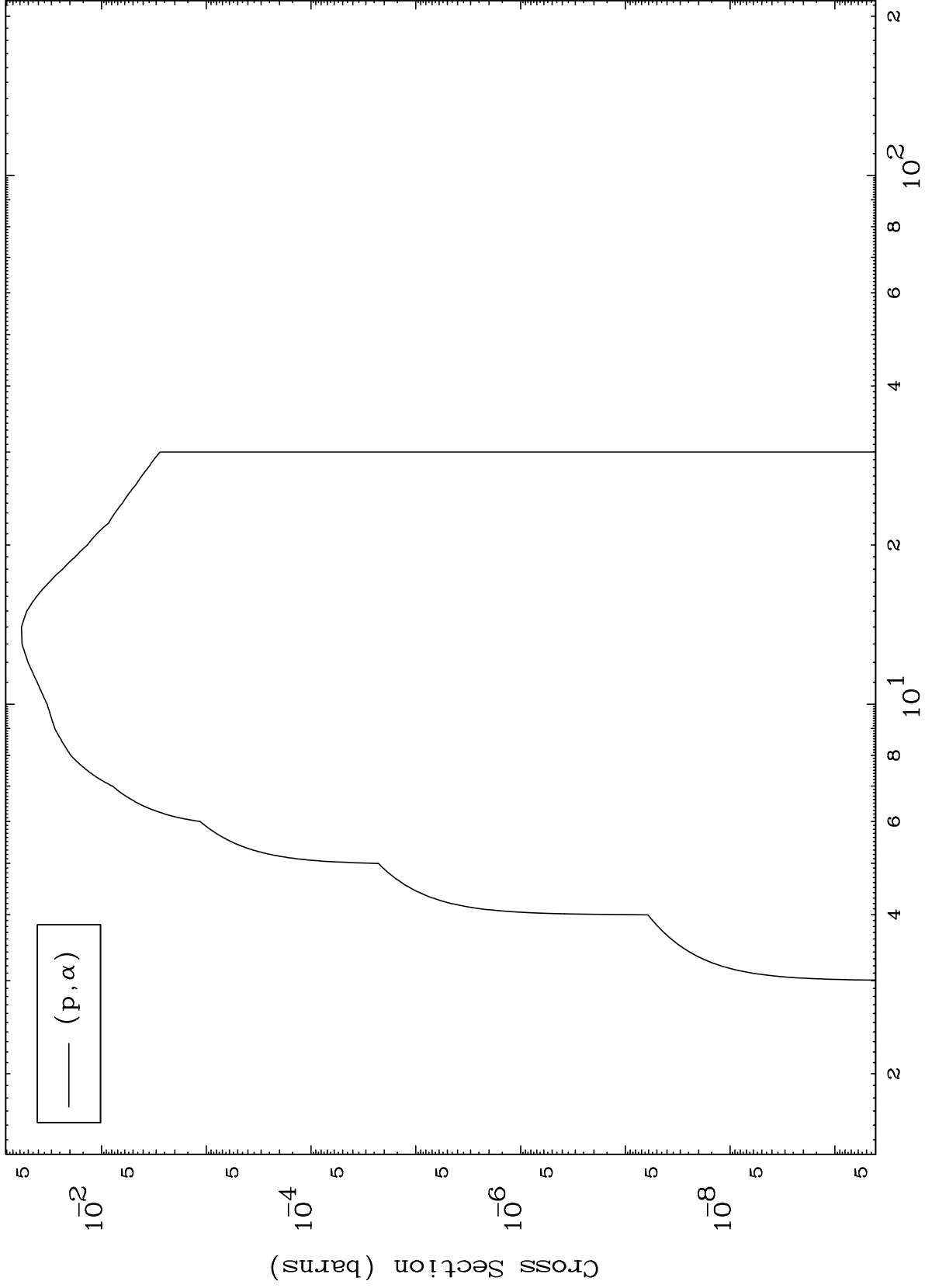
20-Ca-41



MAT 2028

20-Ca-41

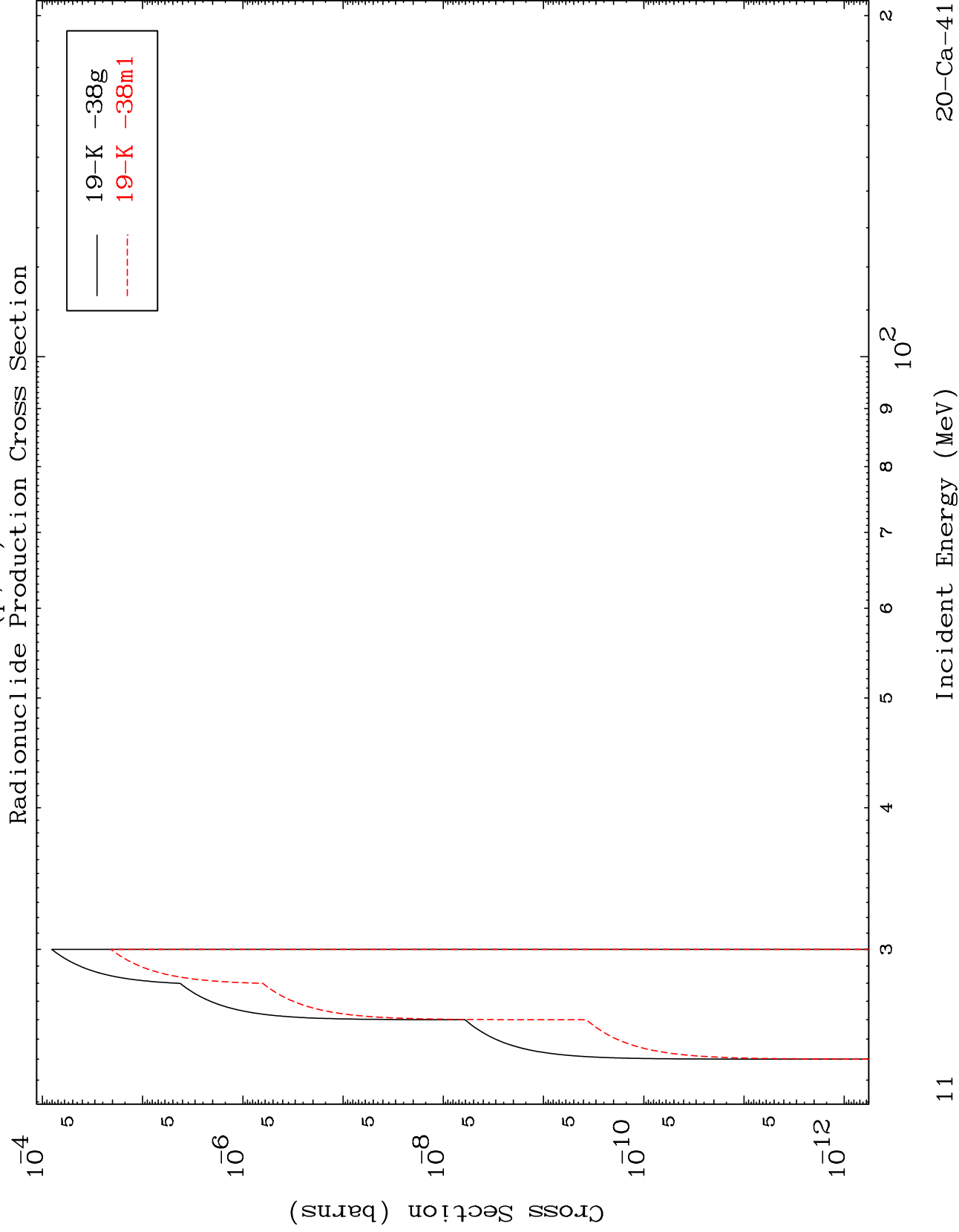
(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



20-Ca-41

Incident Energy (MeV)

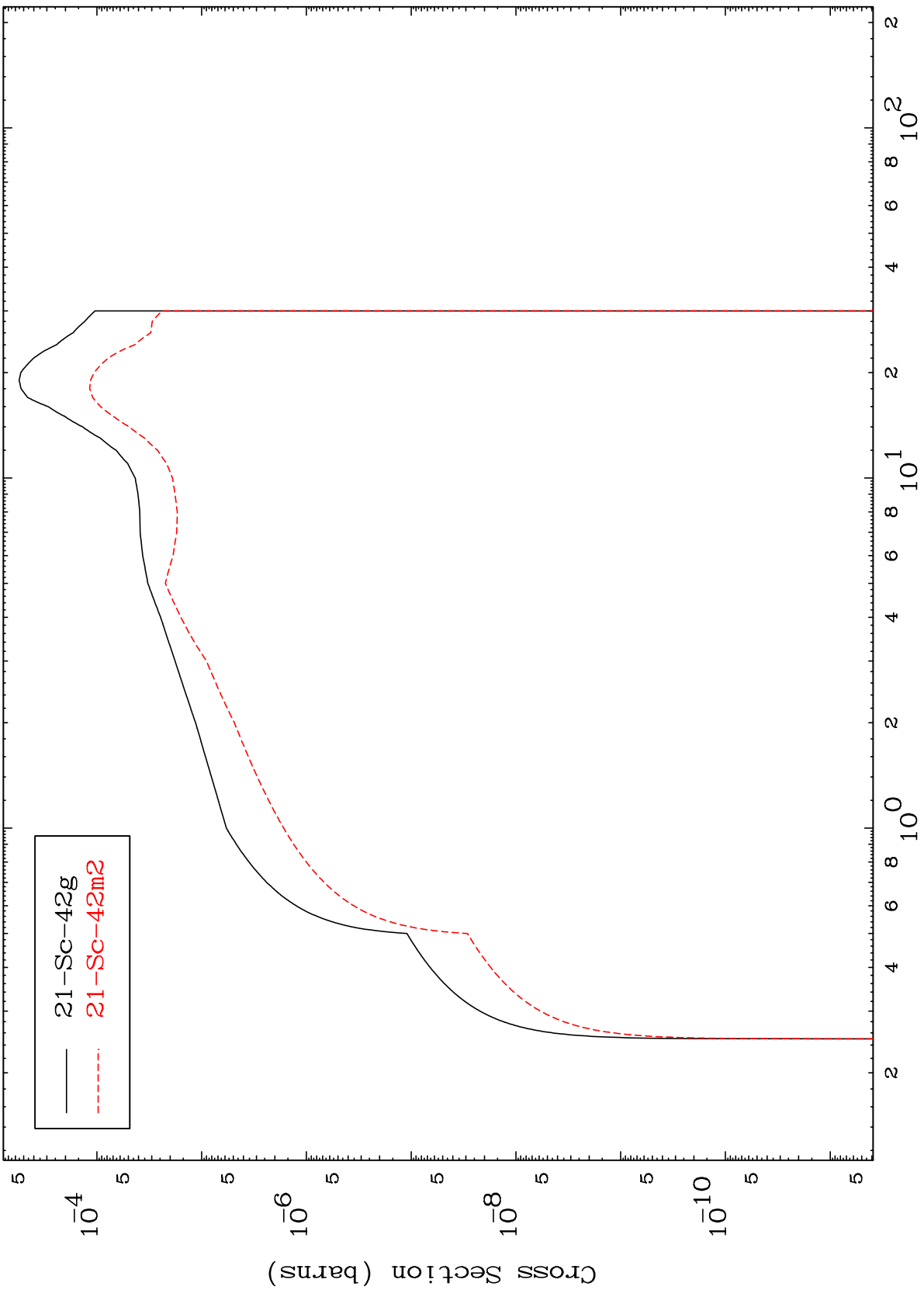
10



MAT 2028

20-Ca-41

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



— 21-Sc-42g  
- - - 21-Sc-42m2

12

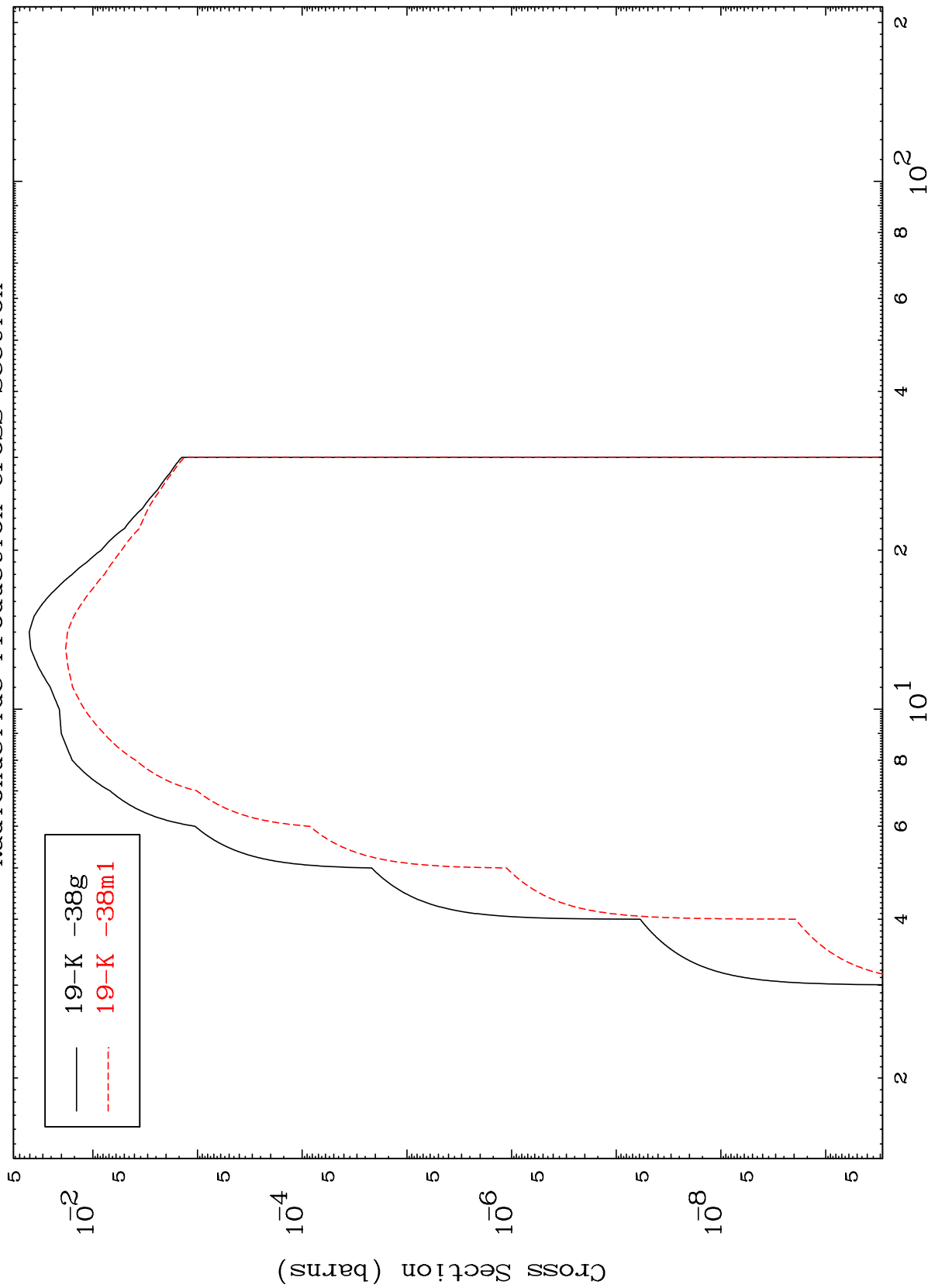
Incident Energy (MeV)

20-Ca-41

MAT 2028

20-Ca-41

Radionuclide Production Cross Section (p,  $\alpha$ )



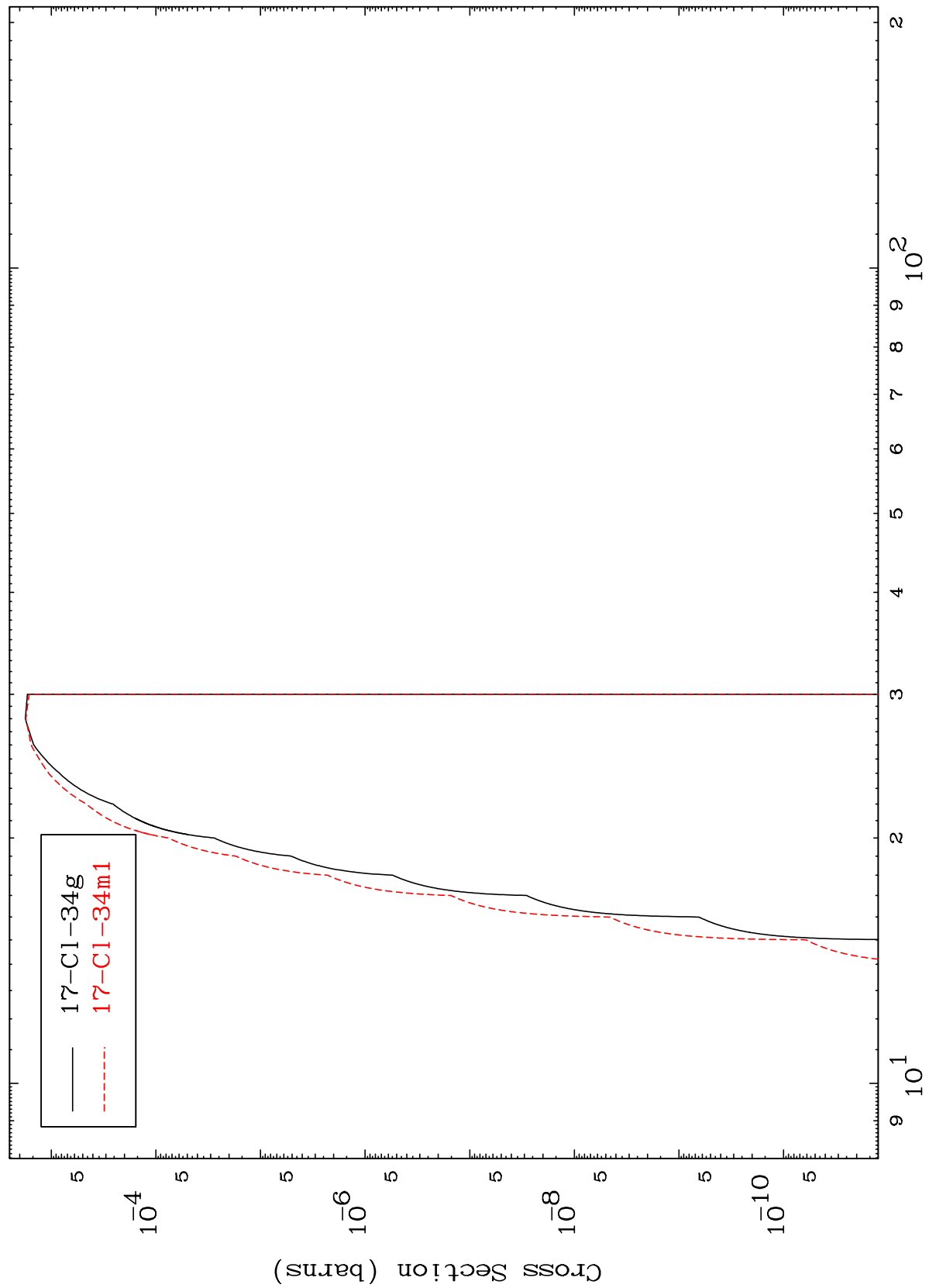
13

20-Ca-41

MAT 2028

20-Ca-41

(p,2 $\alpha$ )  
Radionuclide Production Cross Section



20-Ca-41

Incident Energy (MeV)

14

Radionuclide Production Cross Section

