

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

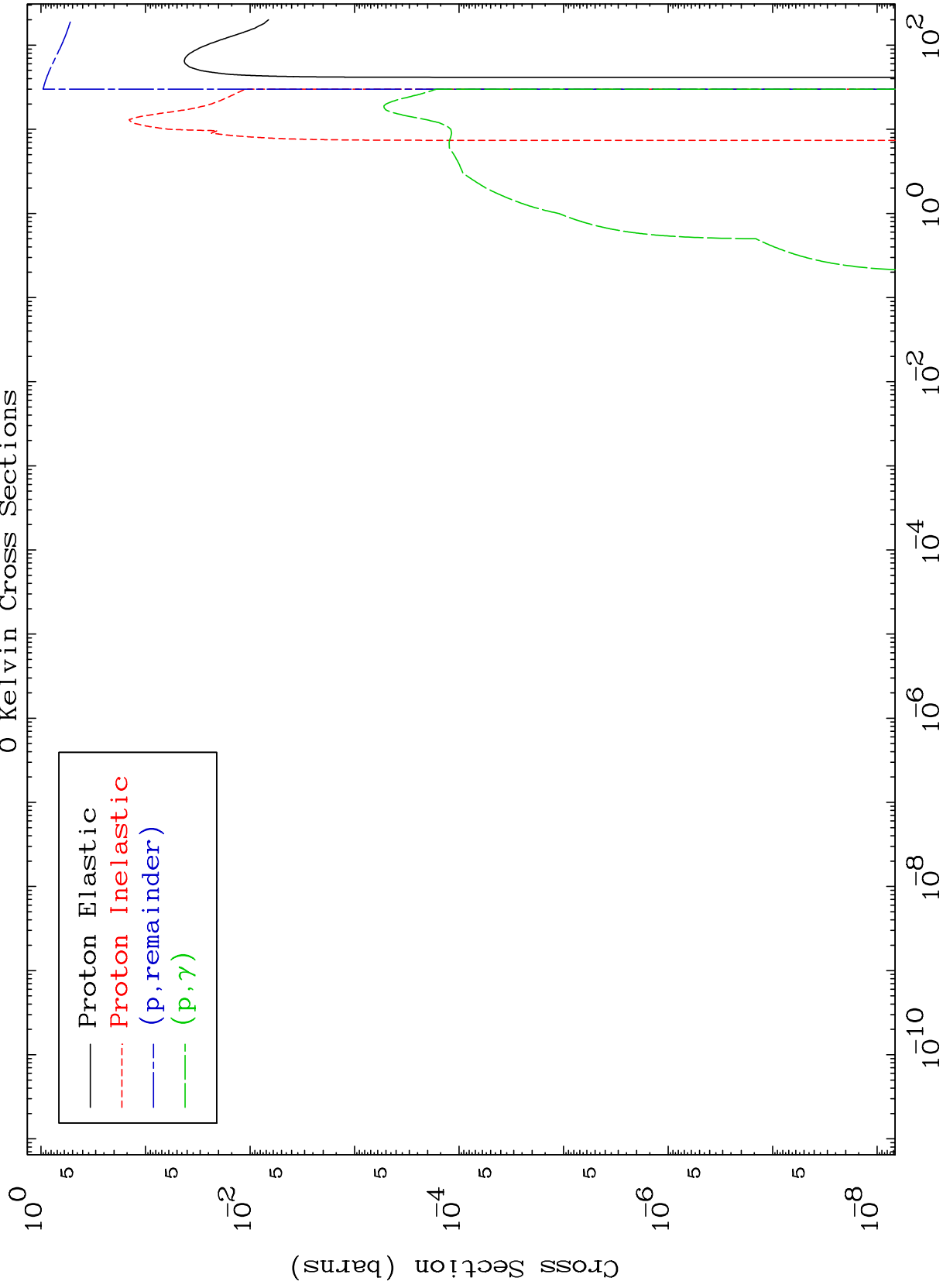
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2031

Proton Major
0 Kelvin Cross Sections

20-Ca-42



1

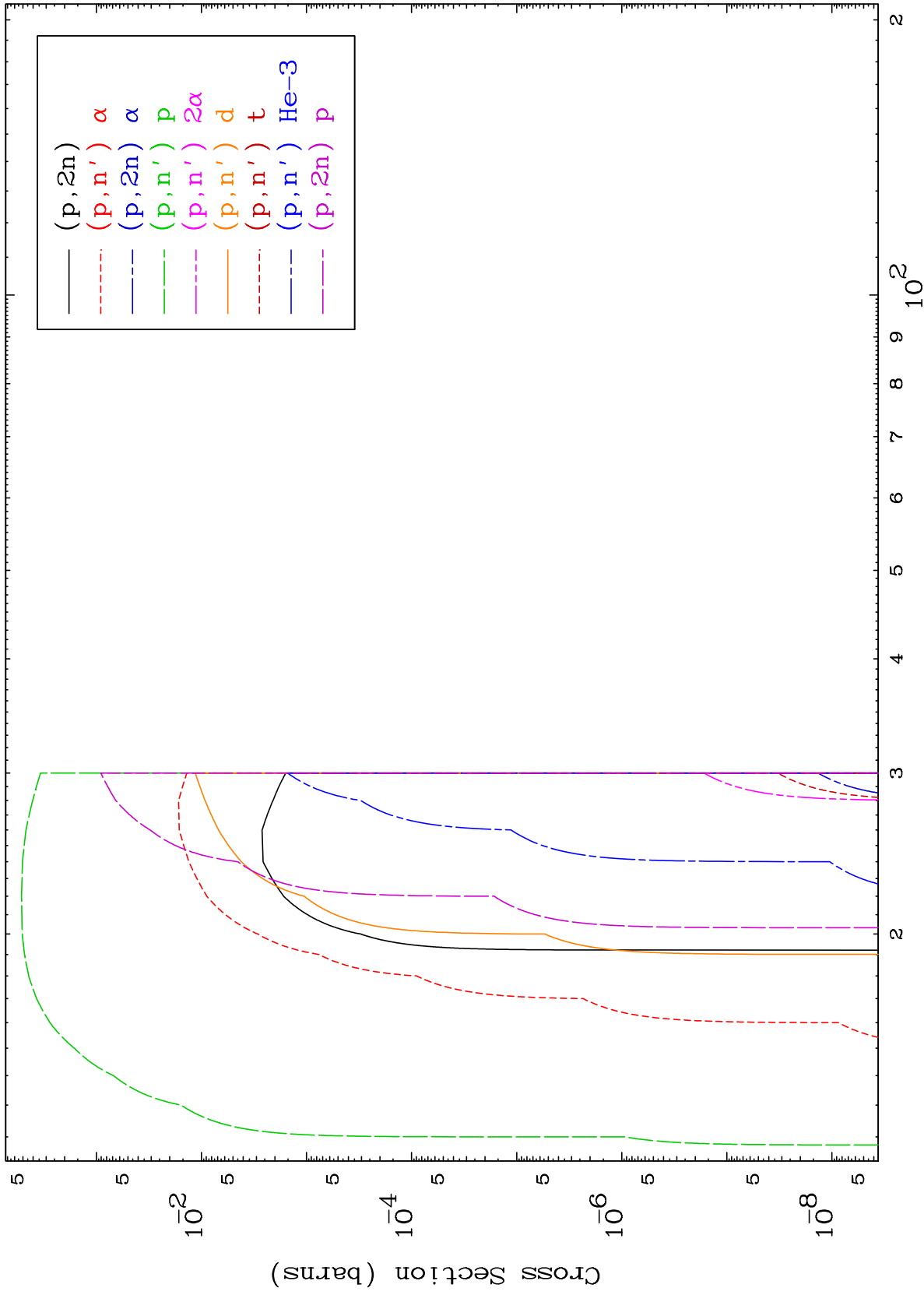
Incident Energy (MeV)

20-Ca-42

MAT 2031

Proton Neutron Production
0 Kelvin Cross Sections

20-Ca-42



2

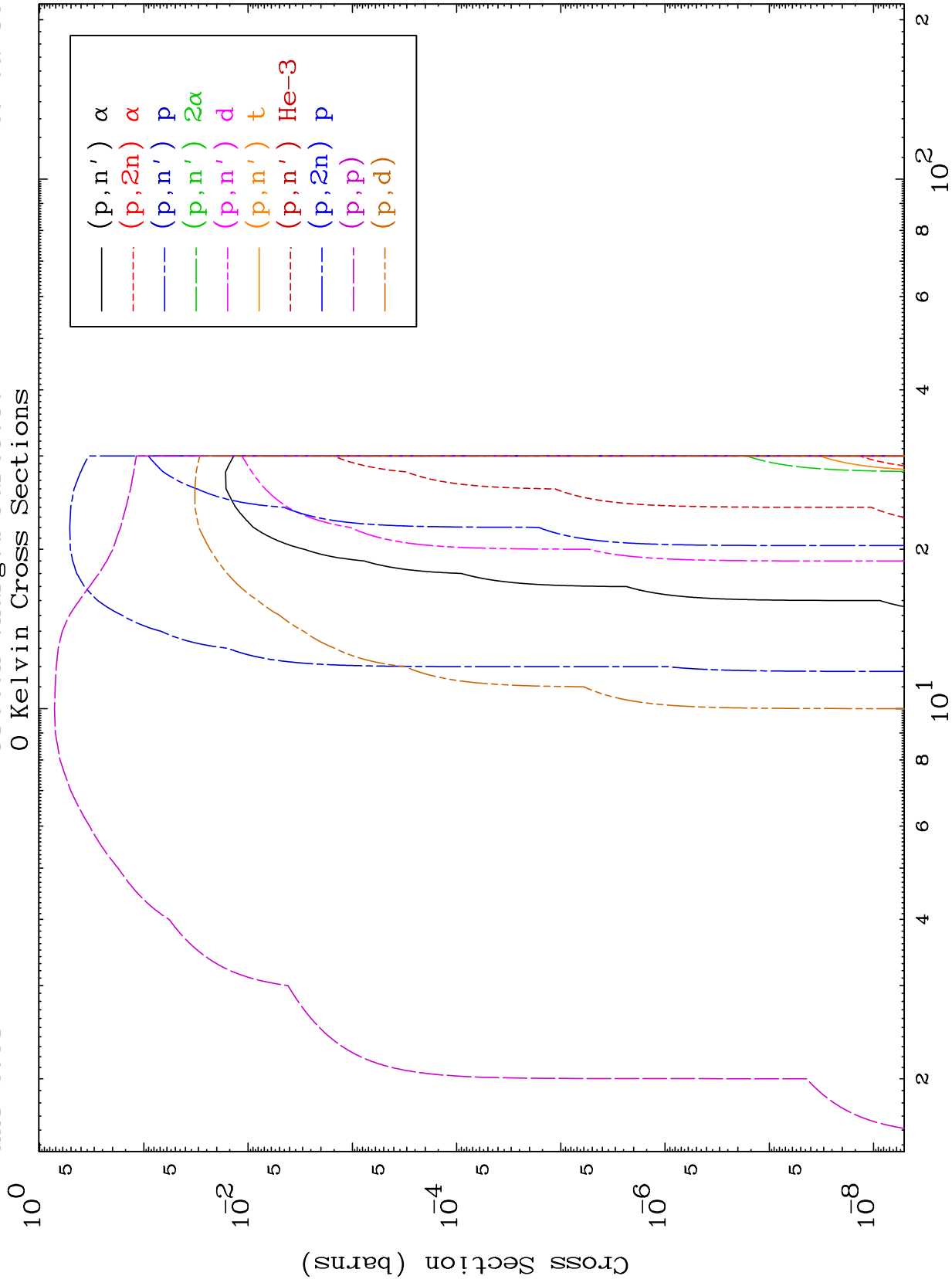
Incident Energy (MeV)

20-Ca-42

MAT 2031

Proton Charged Particle
0 Kelvin Cross Sections

20-Ca-42



3

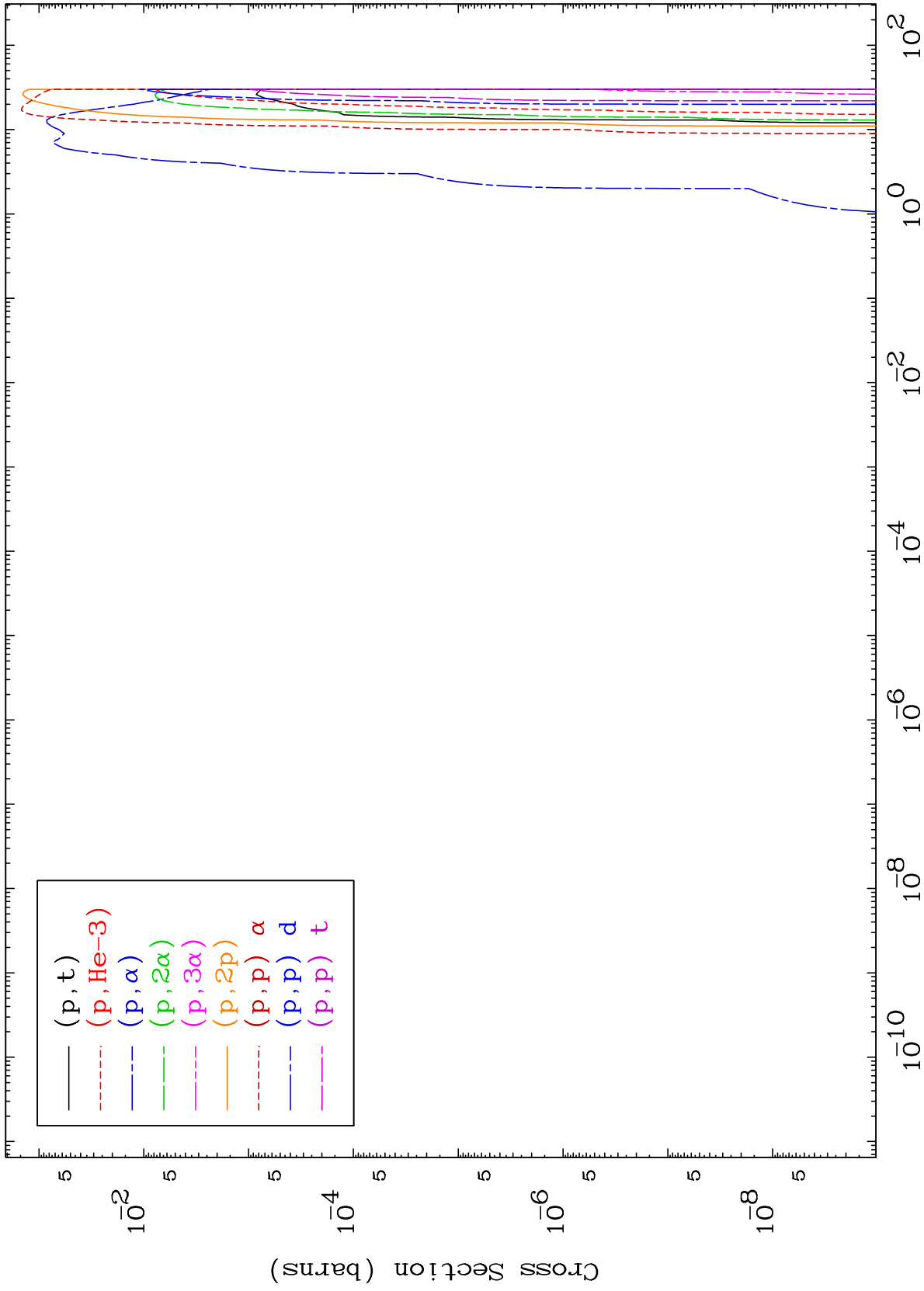
Incident Energy (MeV)

20-Ca-42

MAT 2031

Proton Charged Particle
0 Kelvin Cross Sections

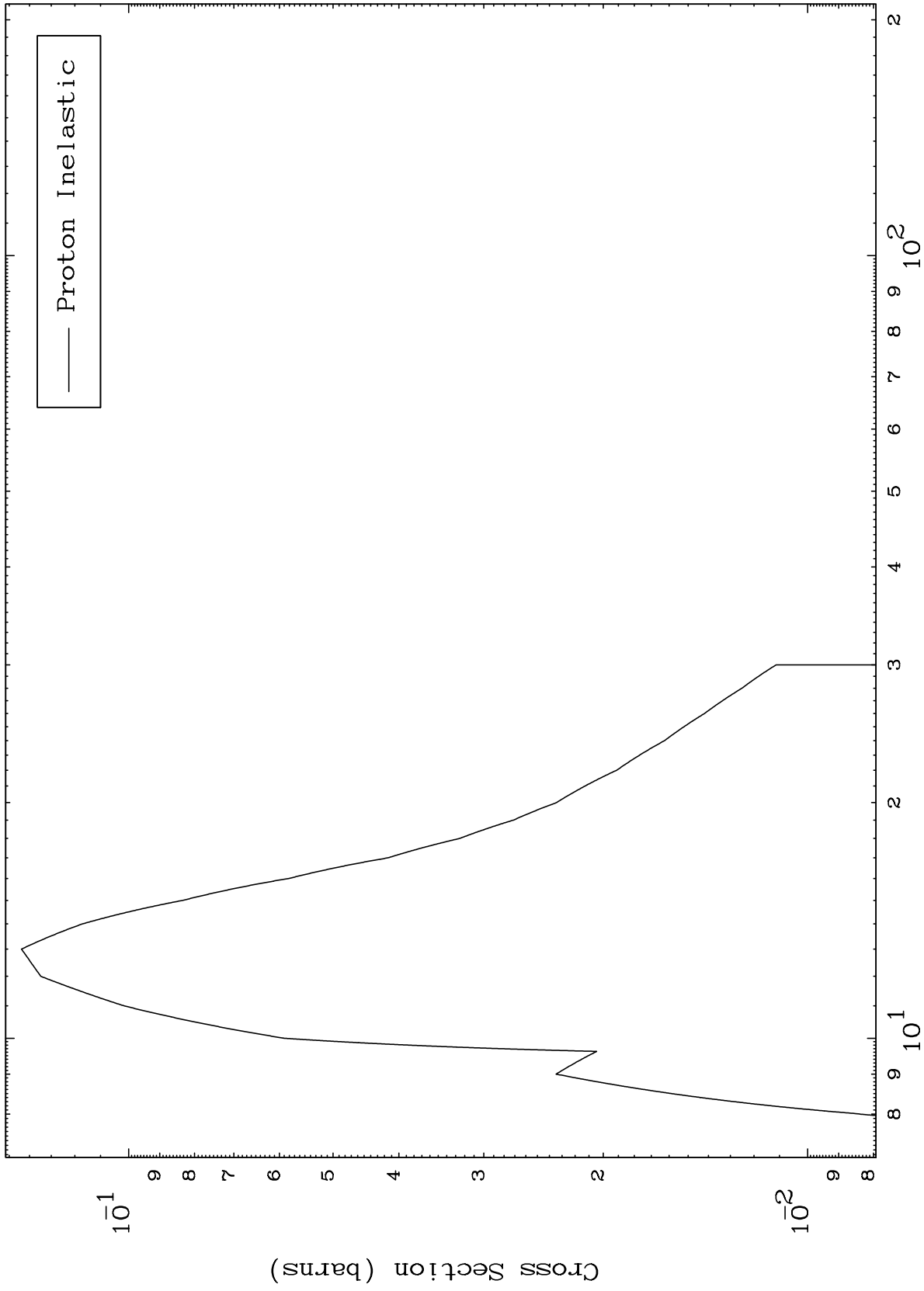
20-Ca-42



MAT 2031

(p,n') Level
0 Kelvin Cross Sections

20-Ca-42



5

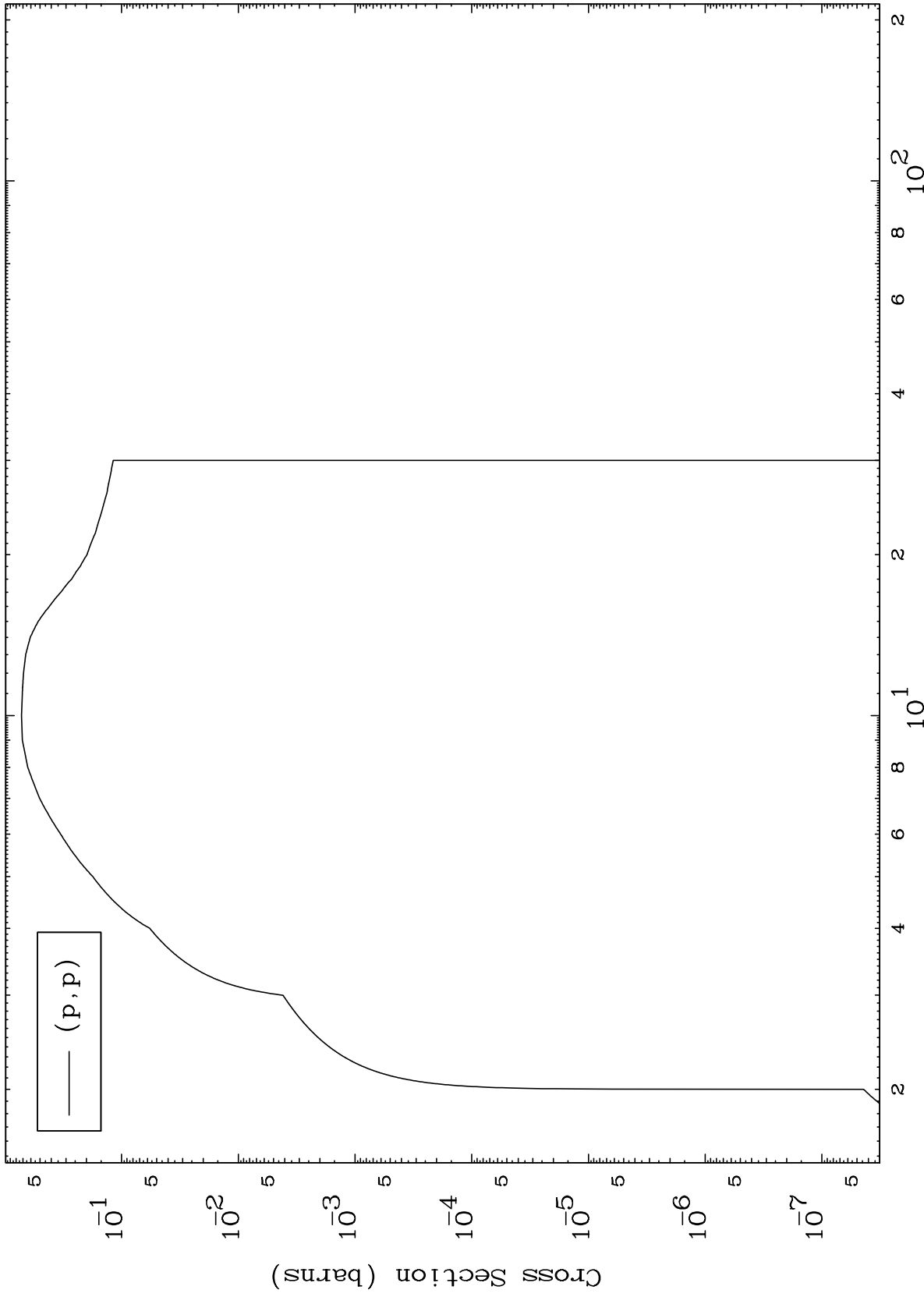
Incident Energy (MeV)

20-Ca-42

MAT 2031

(p,p) Levels
0 Kelvin Cross Sections

20-Ca-42



6

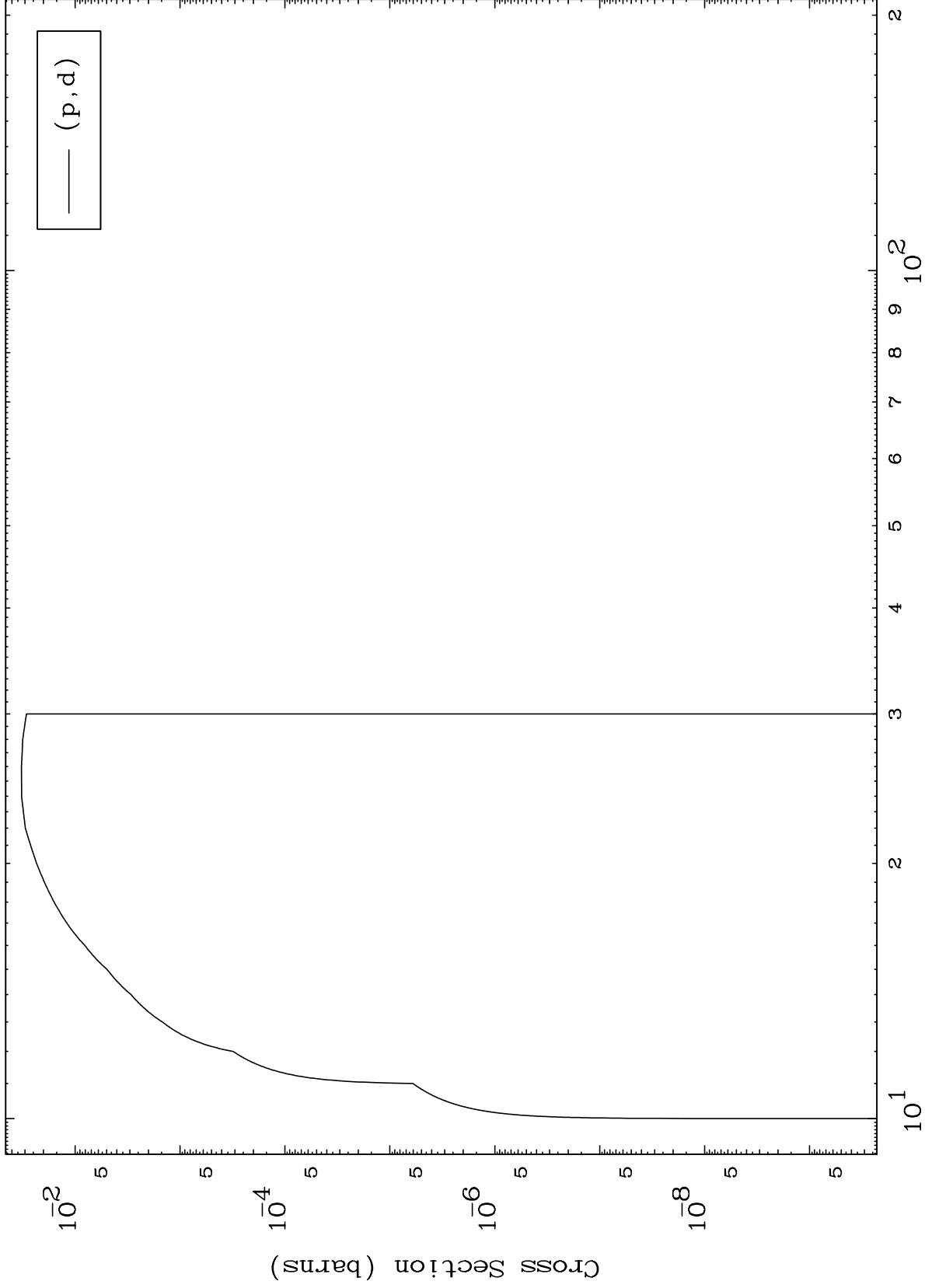
Incident Energy (MeV)

20-Ca-42

MAT 2031

(p,d) Levels
0 Kelvin Cross Sections

20-Ca-42

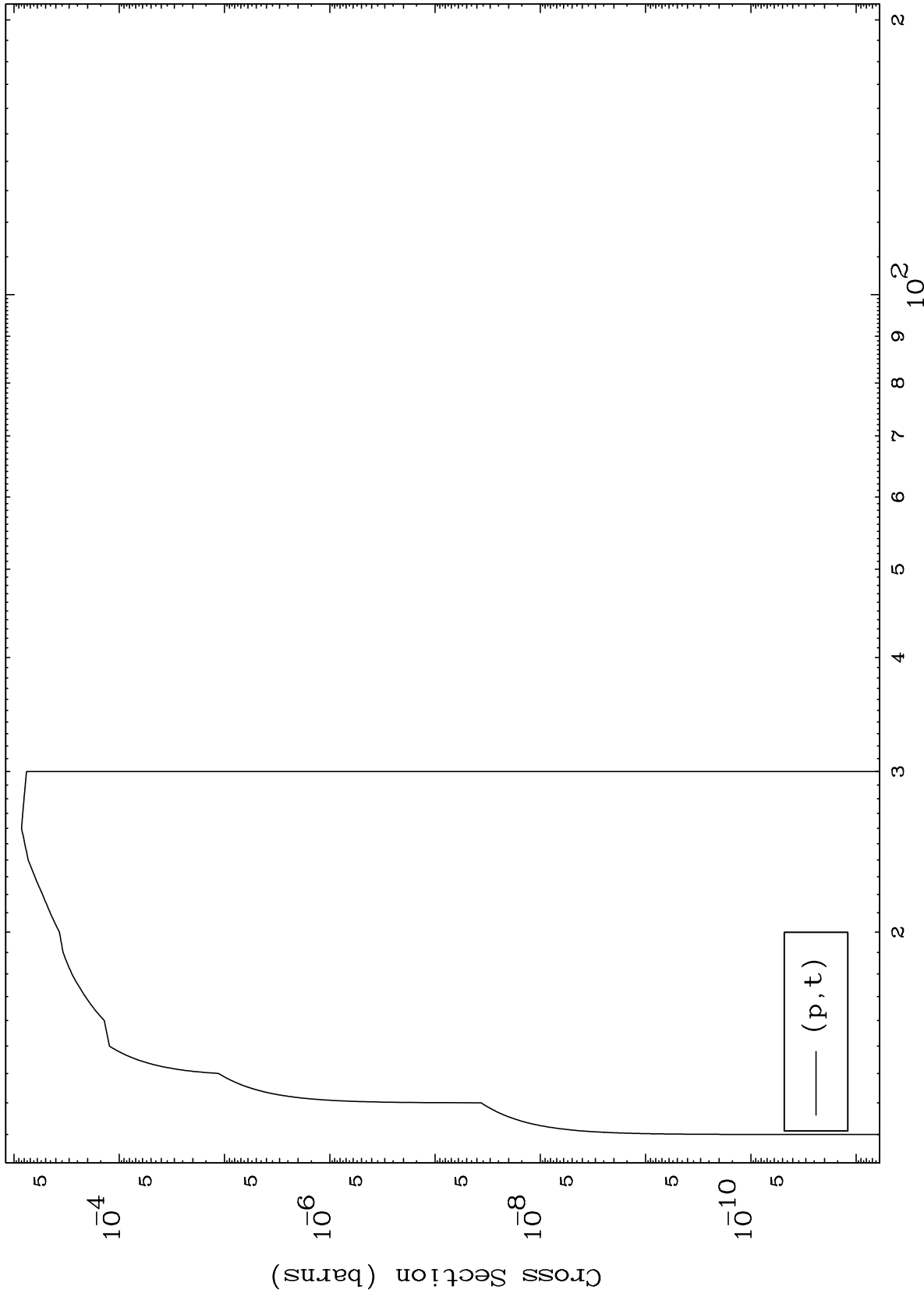


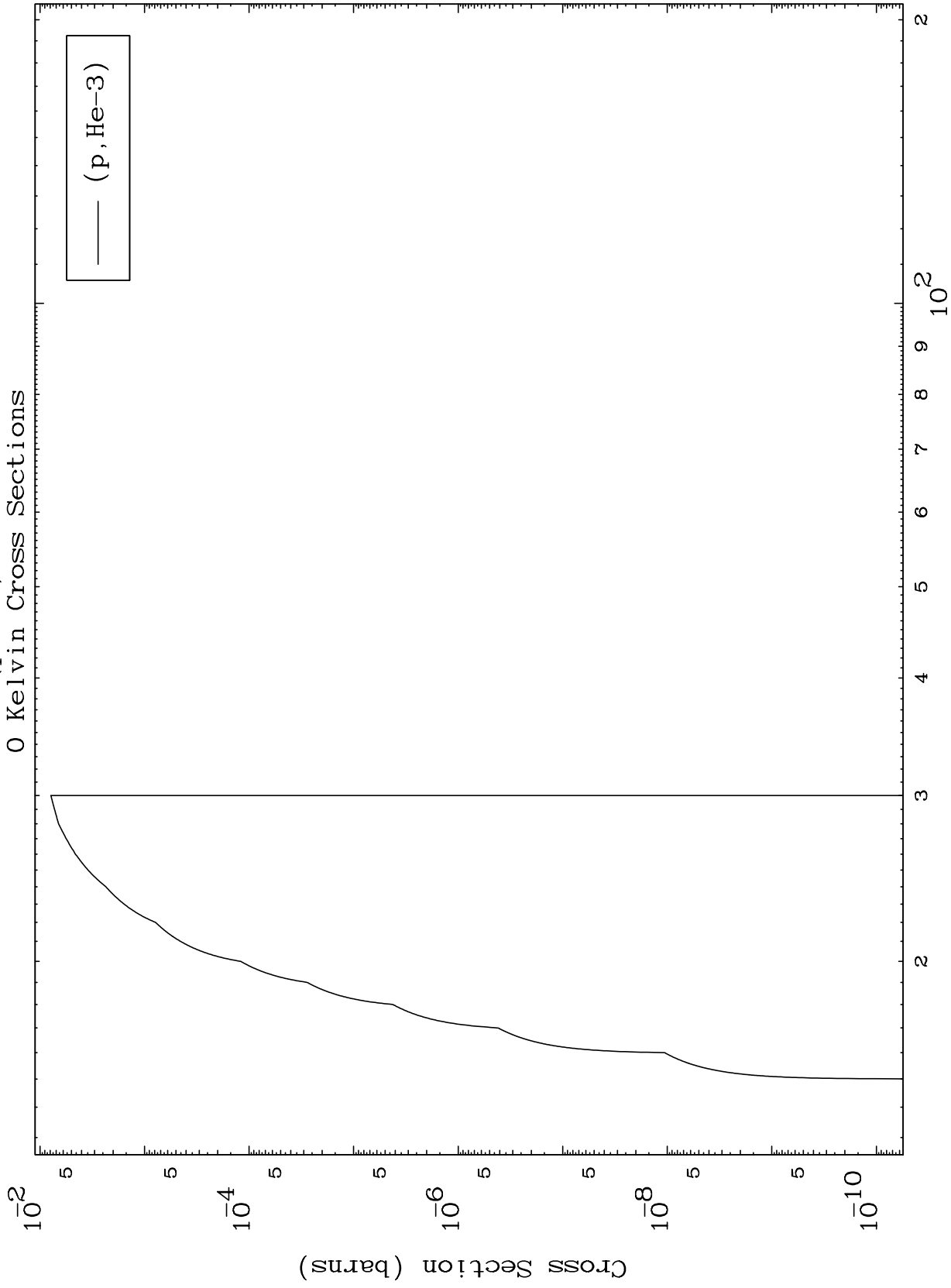
20-Ca-42

Incident Energy (MeV)

10¹

10²

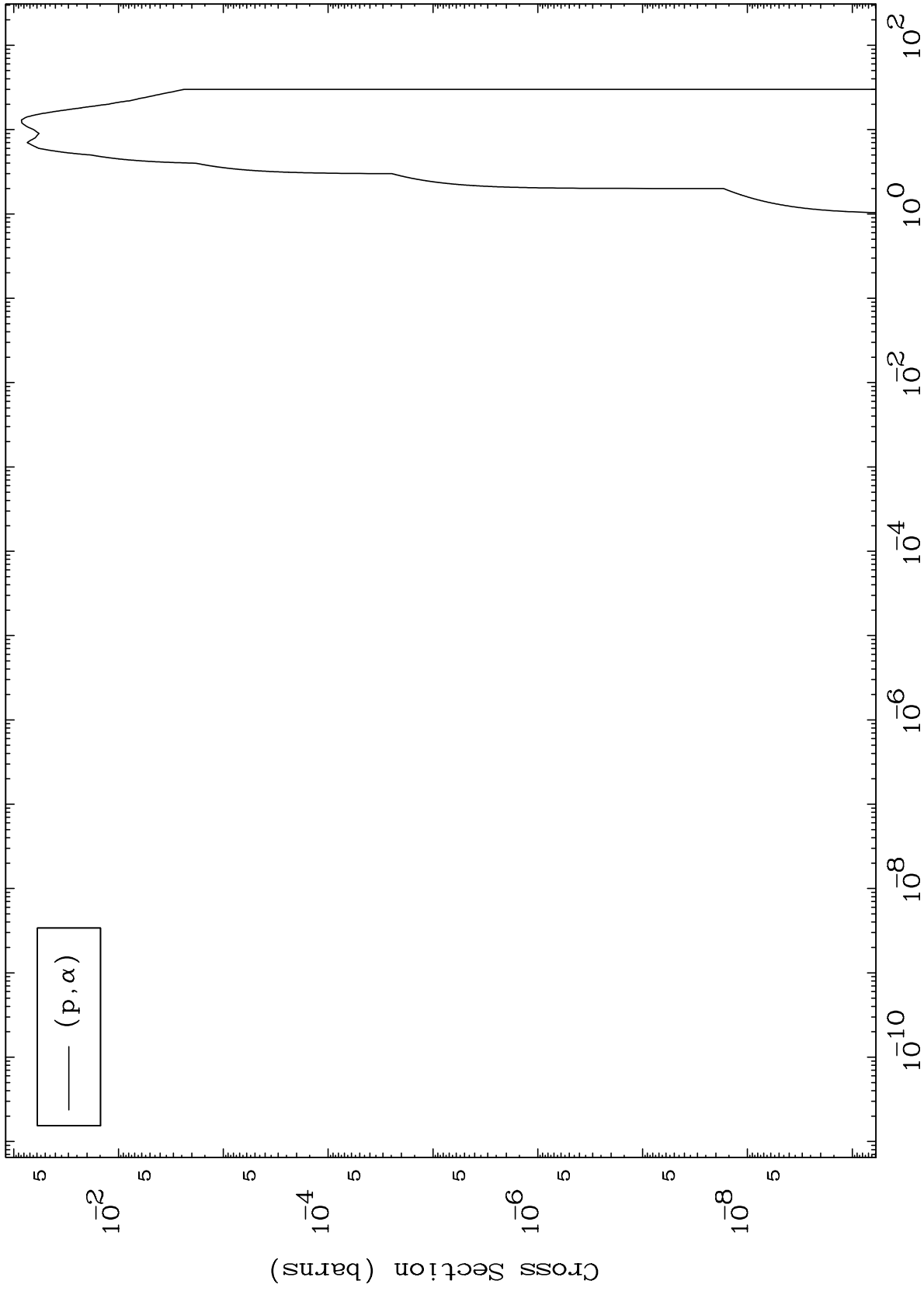




MAT 2031

(p,α) Levels
0 Kelvin Cross Sections

20-Ca-42



10

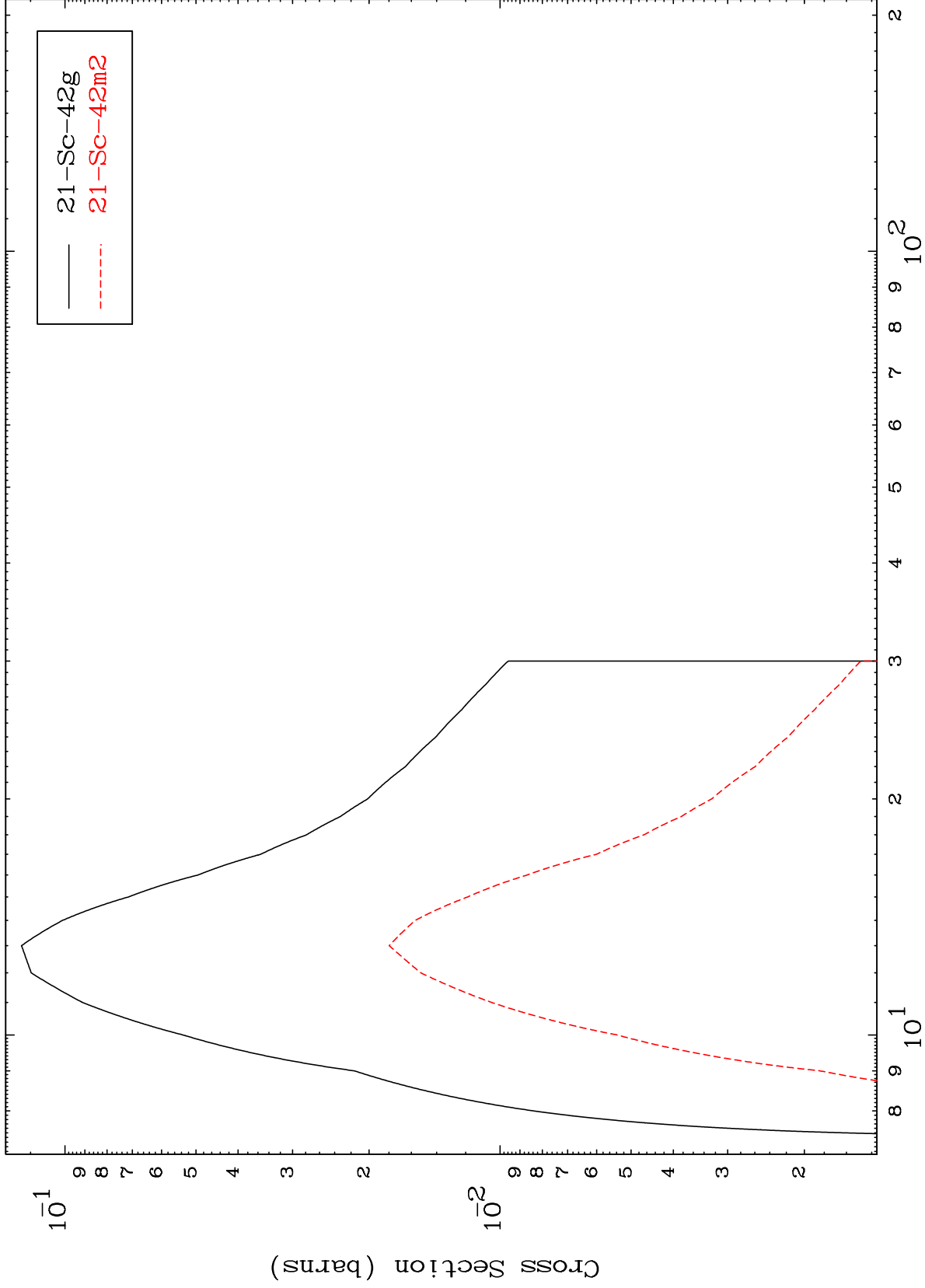
Incident Energy (MeV)

20-Ca-42

MAT 2031

Proton Inelastic
Radionuclide Production Cross Section

20-Ca-42



21-Sc-42g
21-Sc-42m2

11

Incident Energy (MeV)

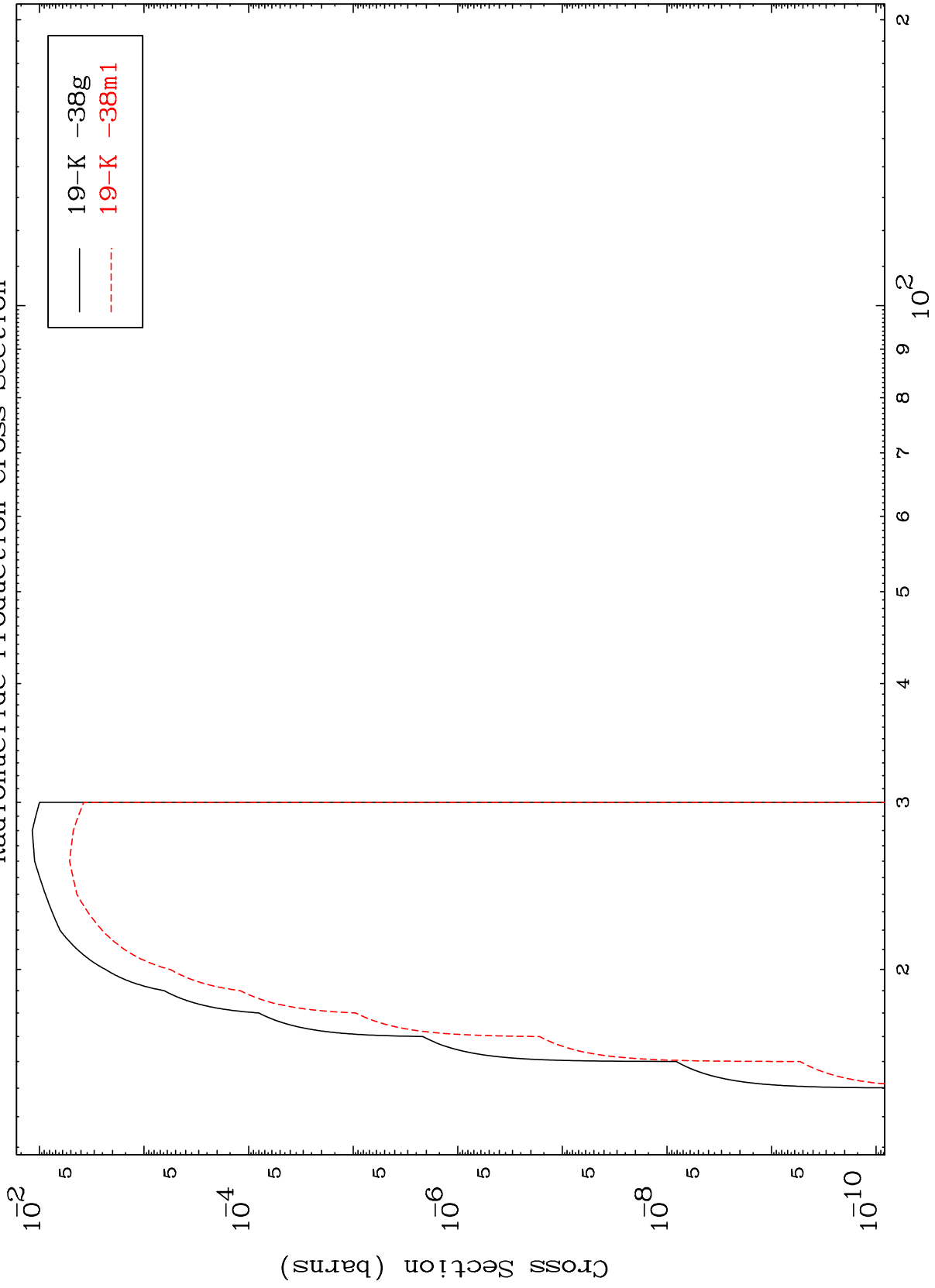
20-Ca-42

MAT 2031

(p,n') α

20-Ca-42

Radionuclide Production Cross Section



12

Incident Energy (MeV)

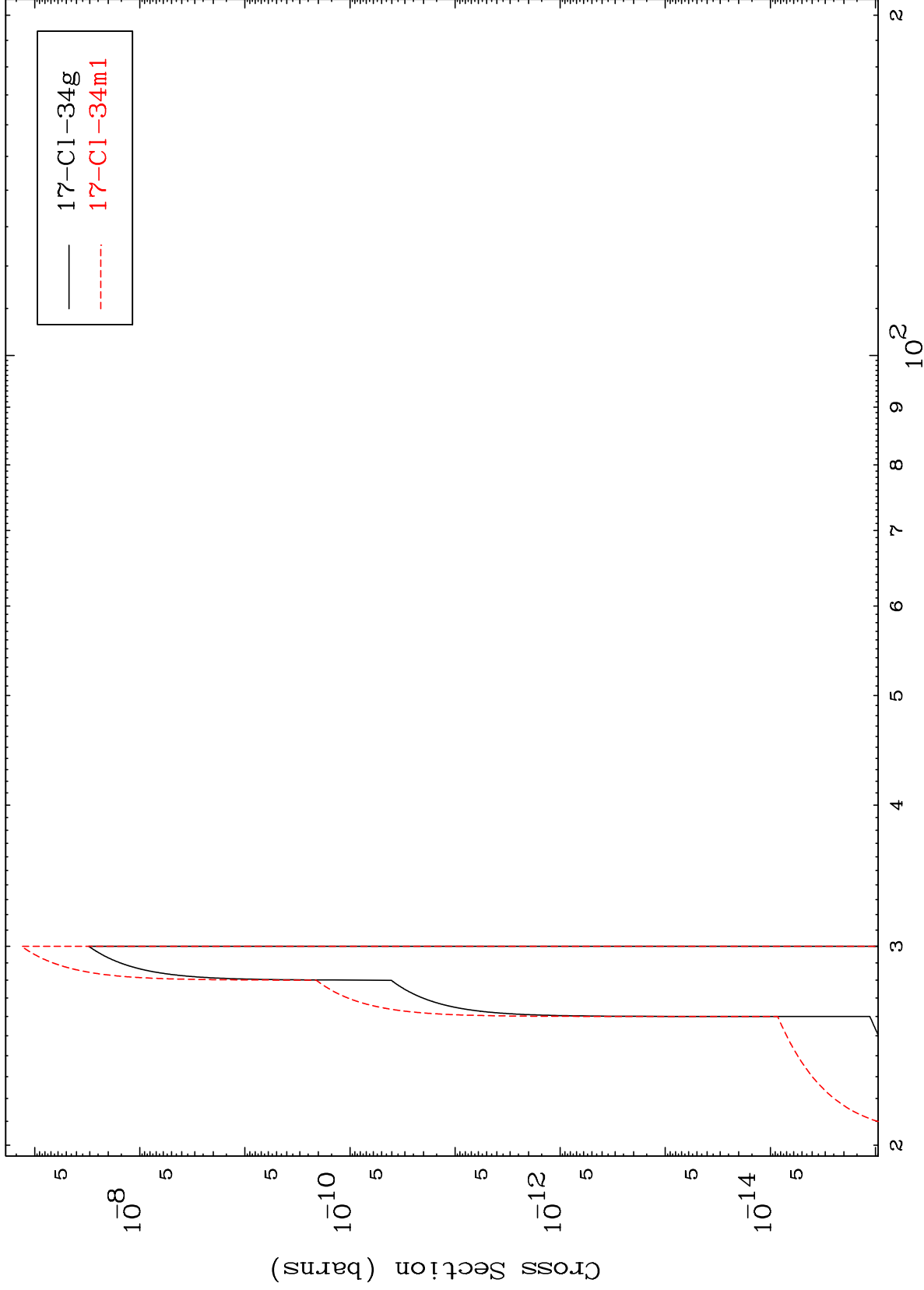
20-Ca-42

MAT 2031

(p,n') 2α

20-Ca-42

Radionuclide Production Cross Section



13

Incident Energy (MeV)

20-Ca-42