

Program EVALPLOT
(Version 2017-1)

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

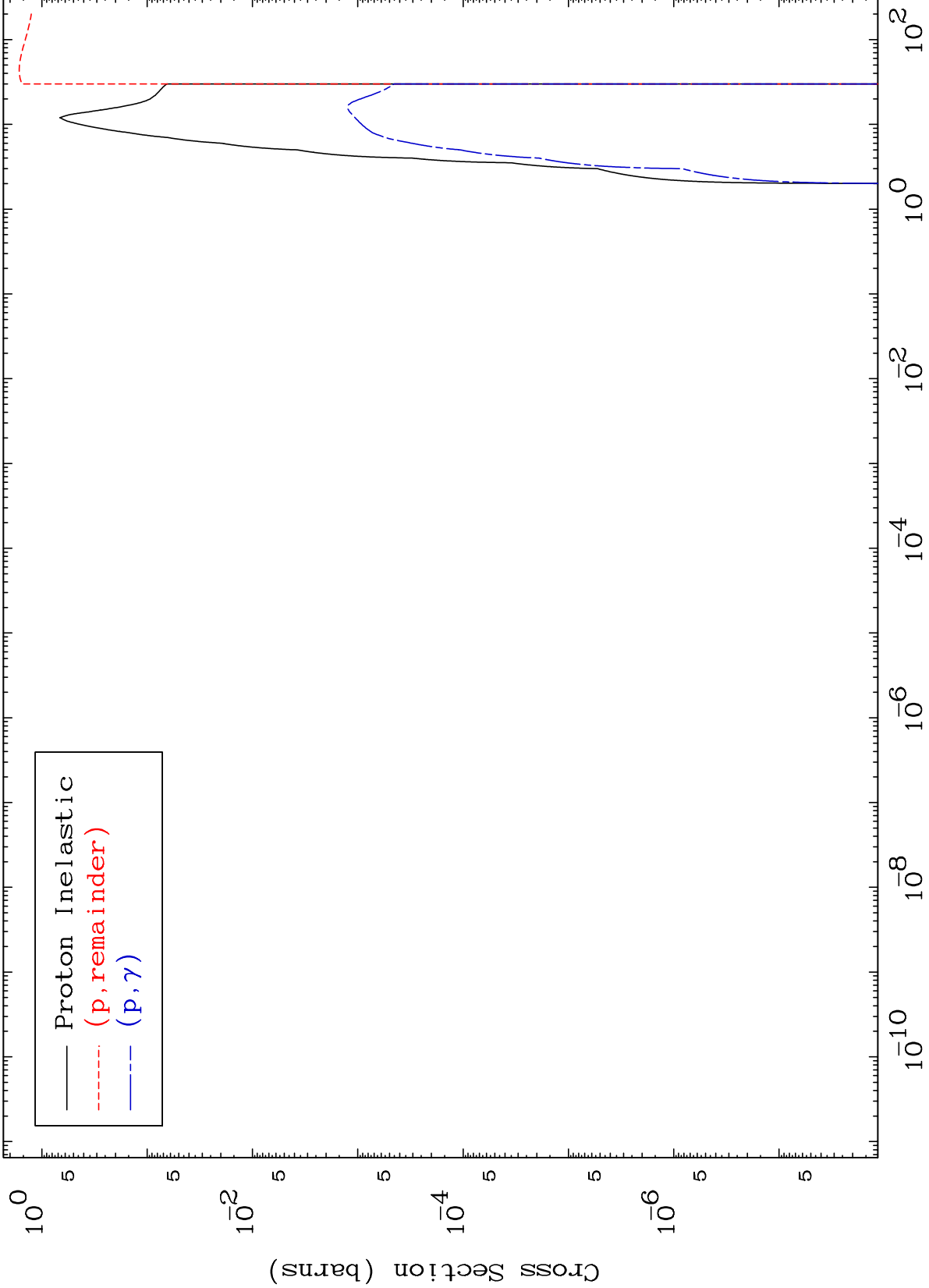
Press Mouse Button to Start

MAT 5922

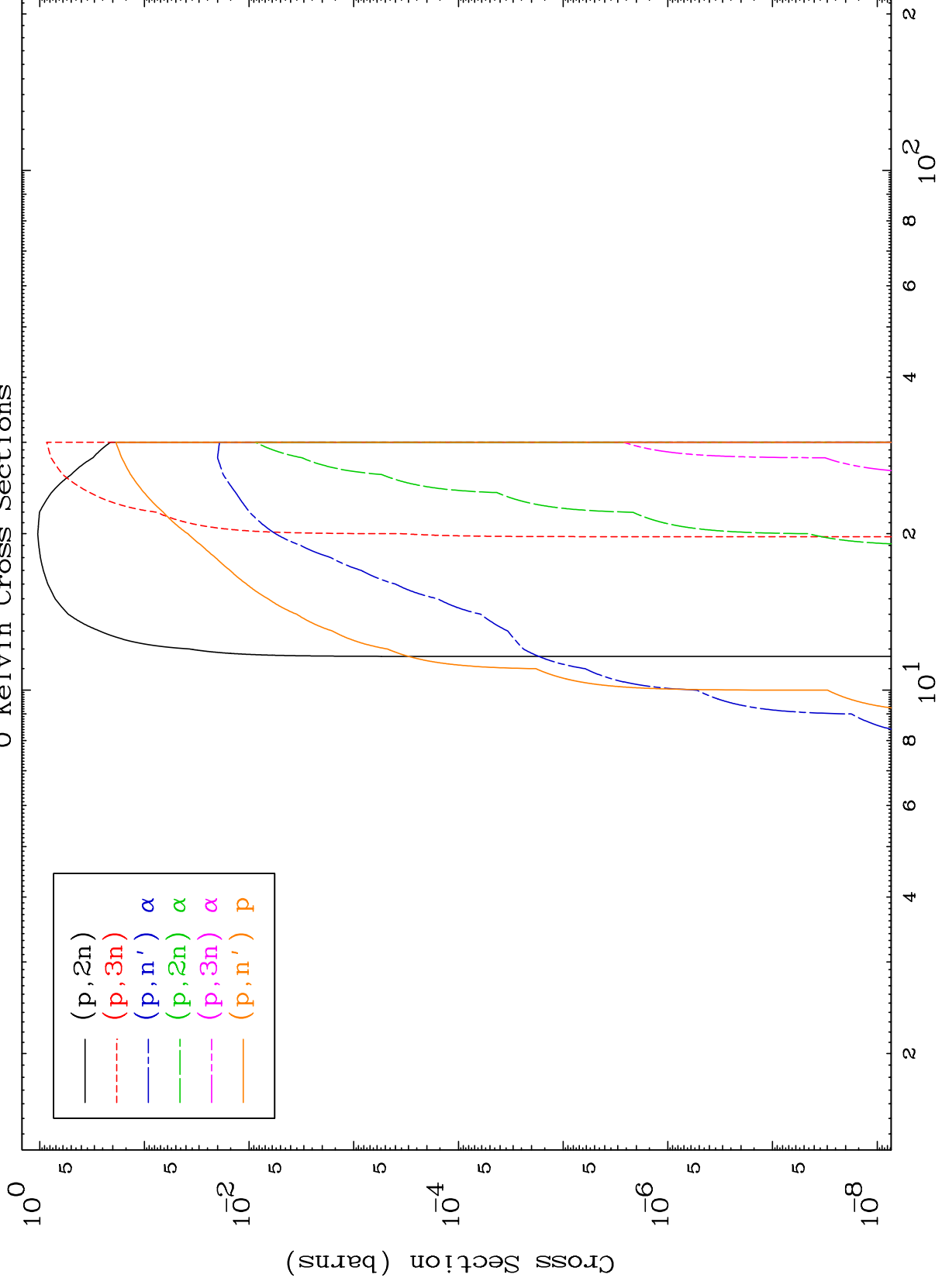
Proton Major

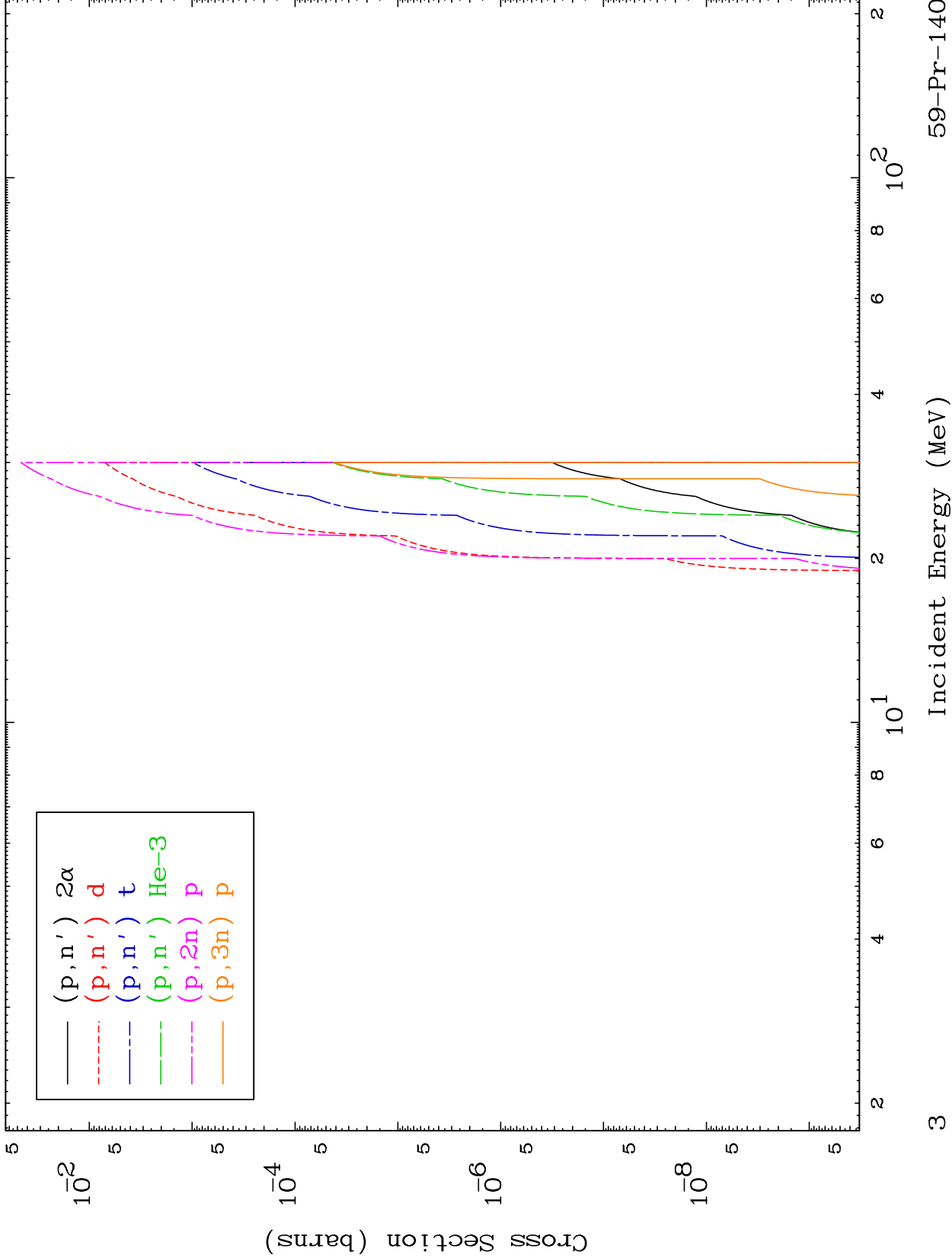
59-Pr-140

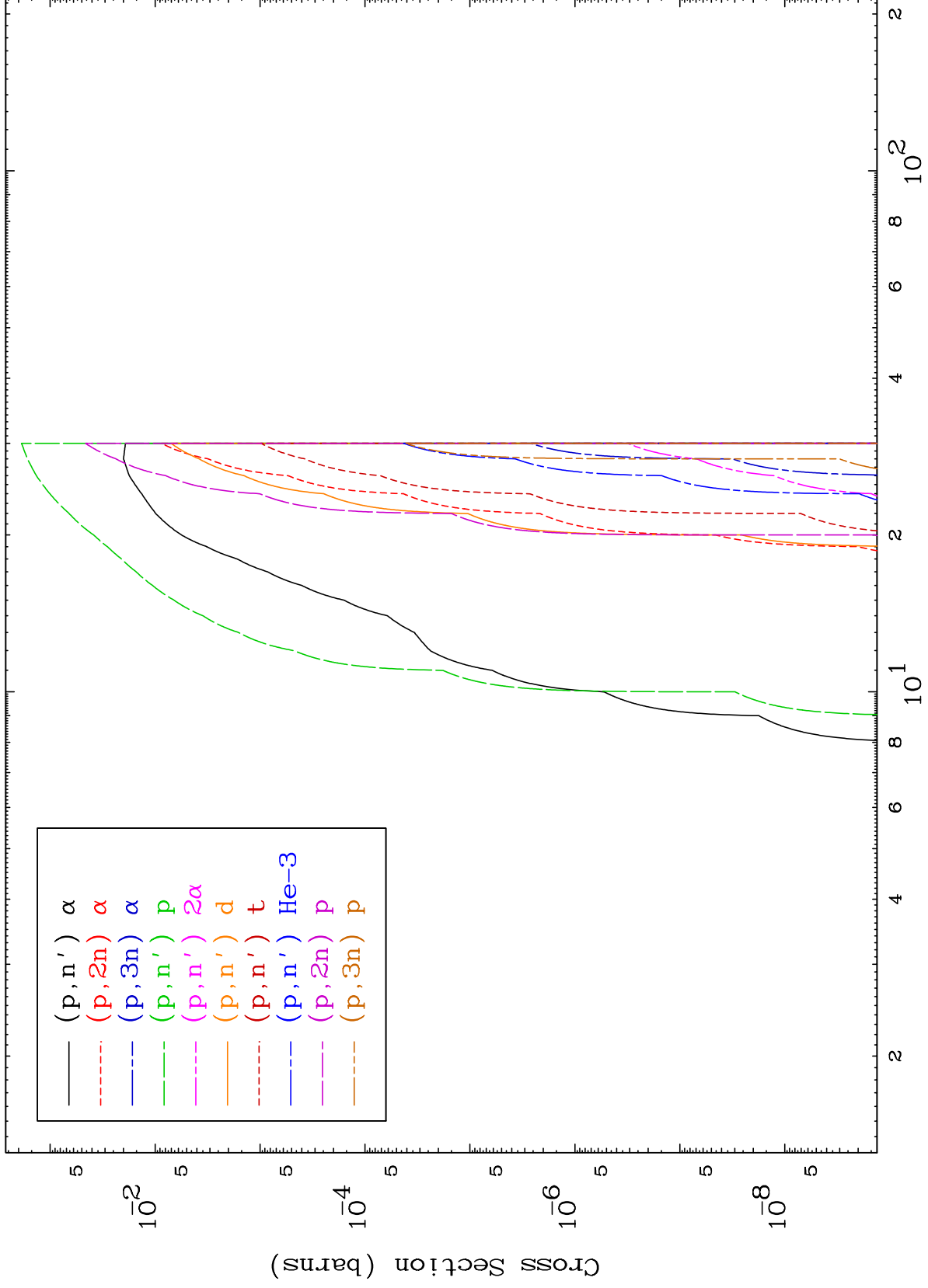
0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- . - (p, γ)



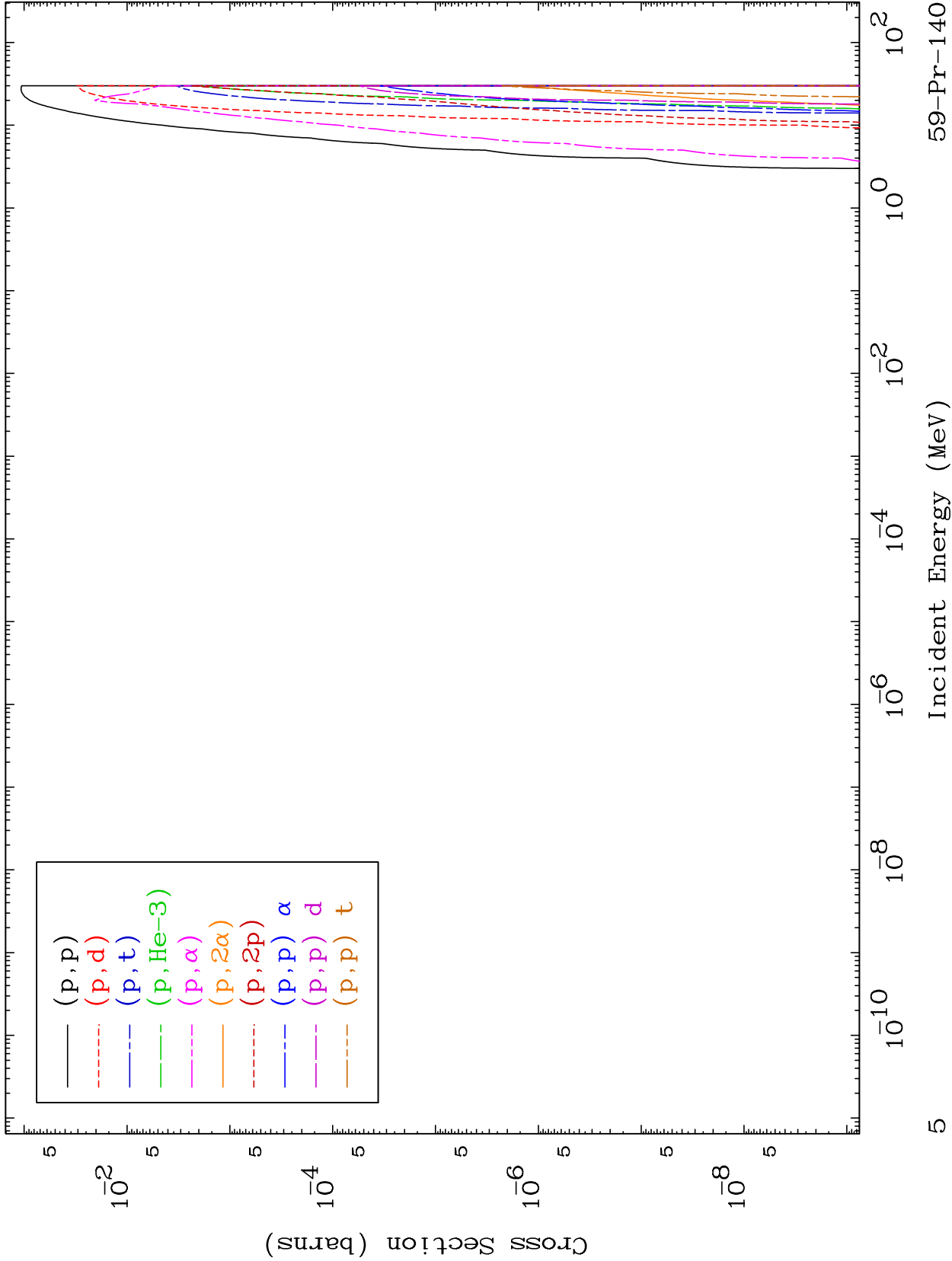




MAT 5922

Proton Charged Particle
0 Kelvin Cross Sections

59-Pr-140



5

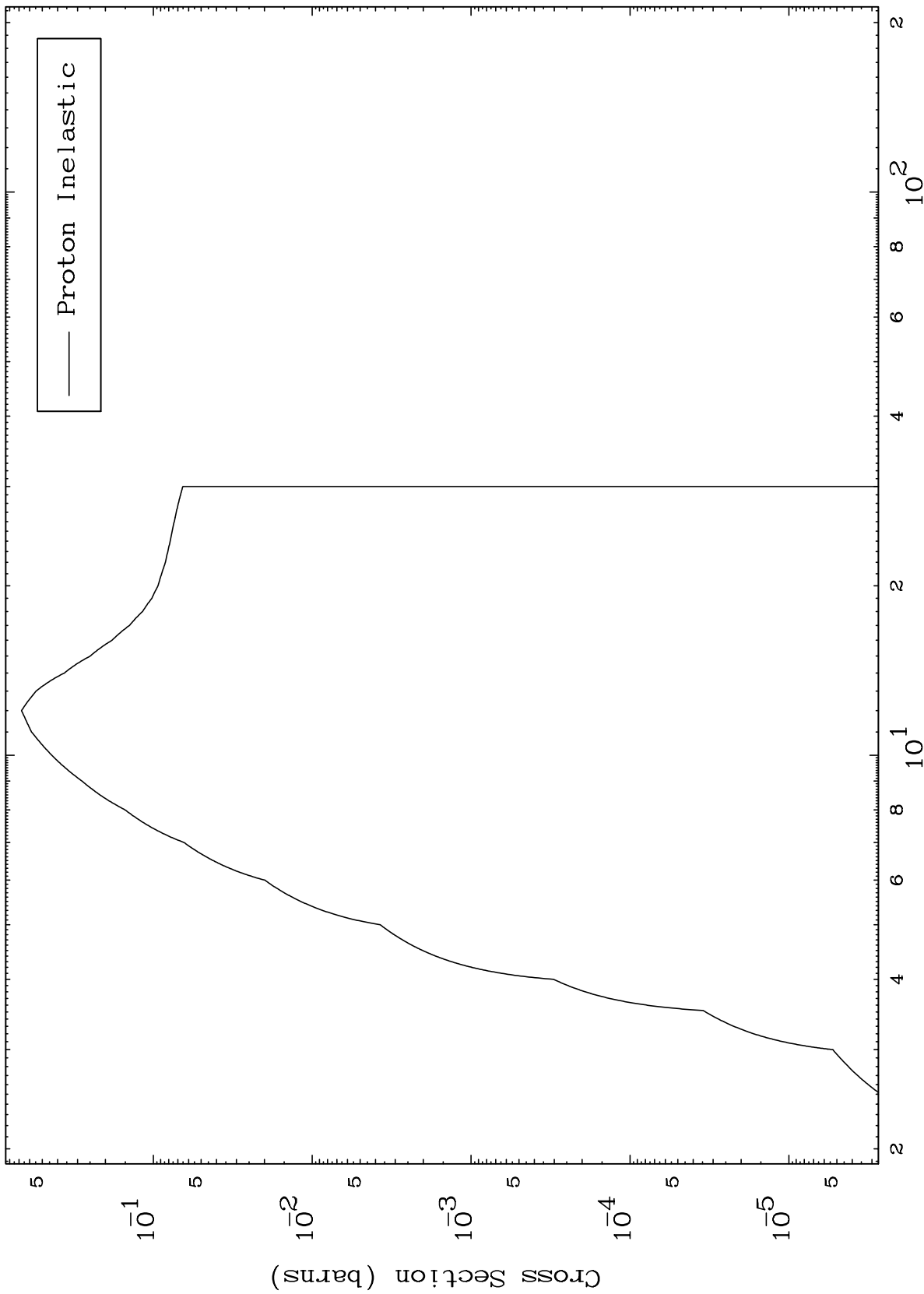
59-Pr-140

MAT 5922

(p,n') Level

59-Pr-140

0 Kelvin Cross Sections



Incident Energy (MeV)

59-Pr-140

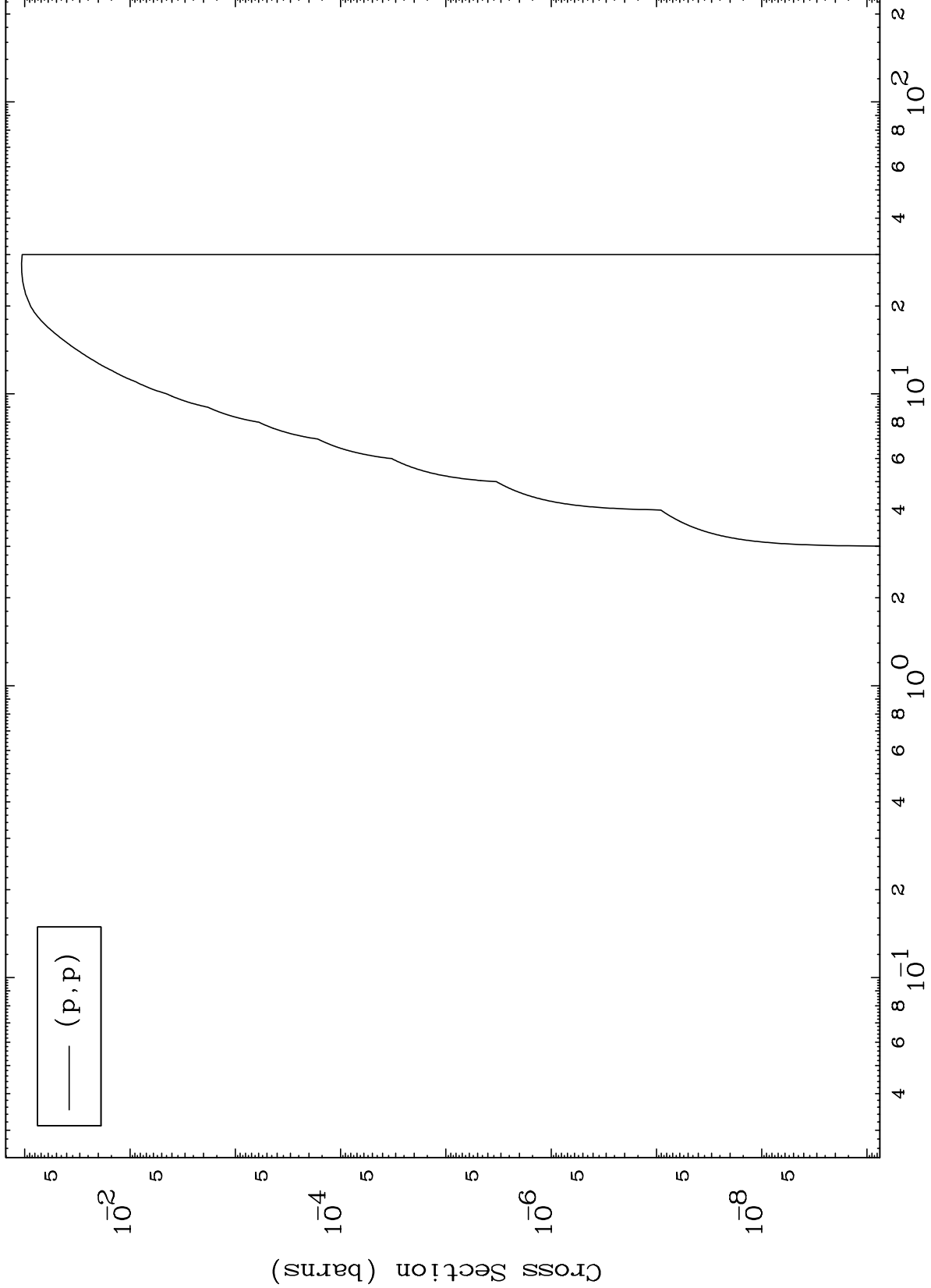
6

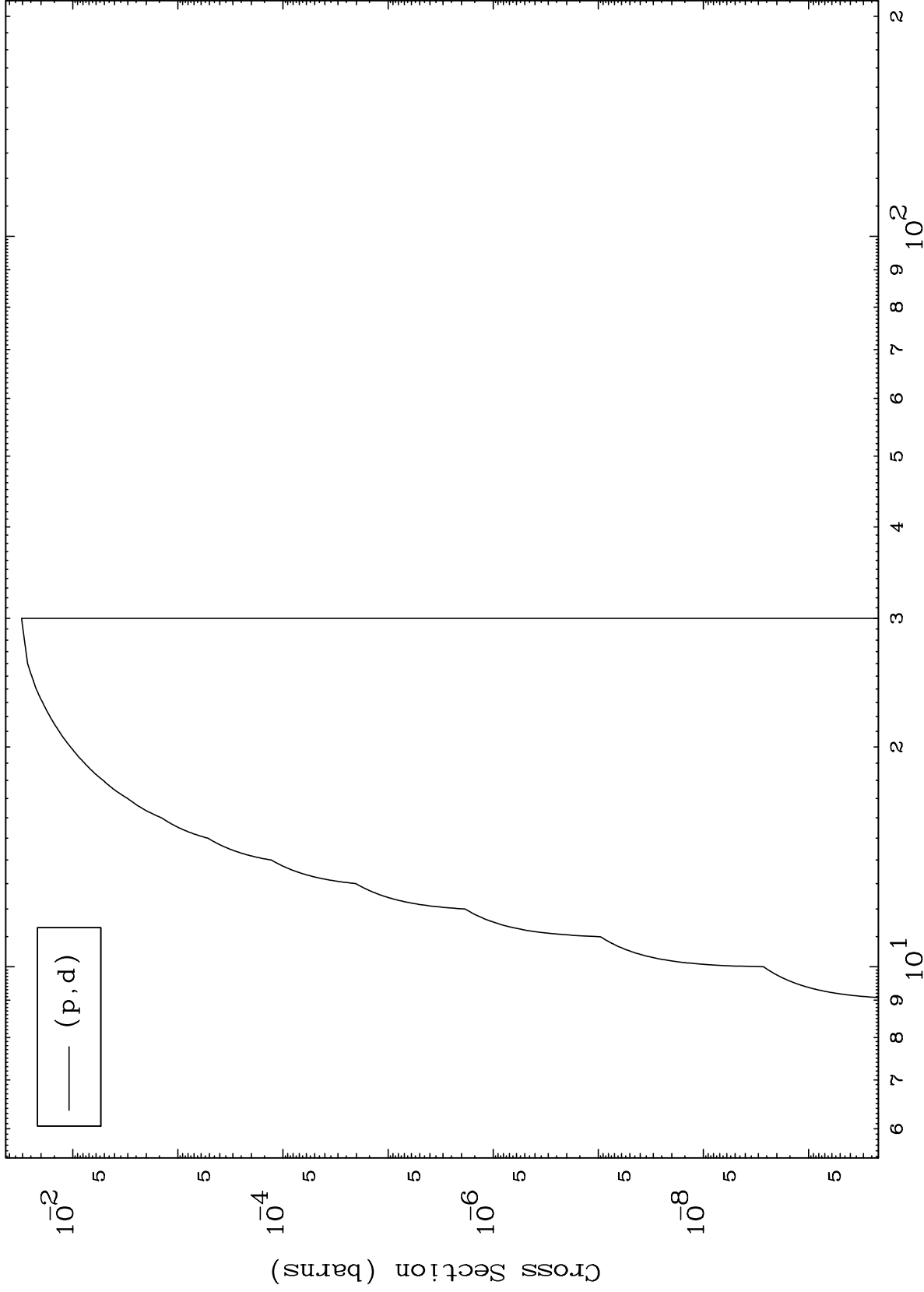
MAT 5922

(p,p) Levels

59-Pr-140

0 Kelvin Cross Sections

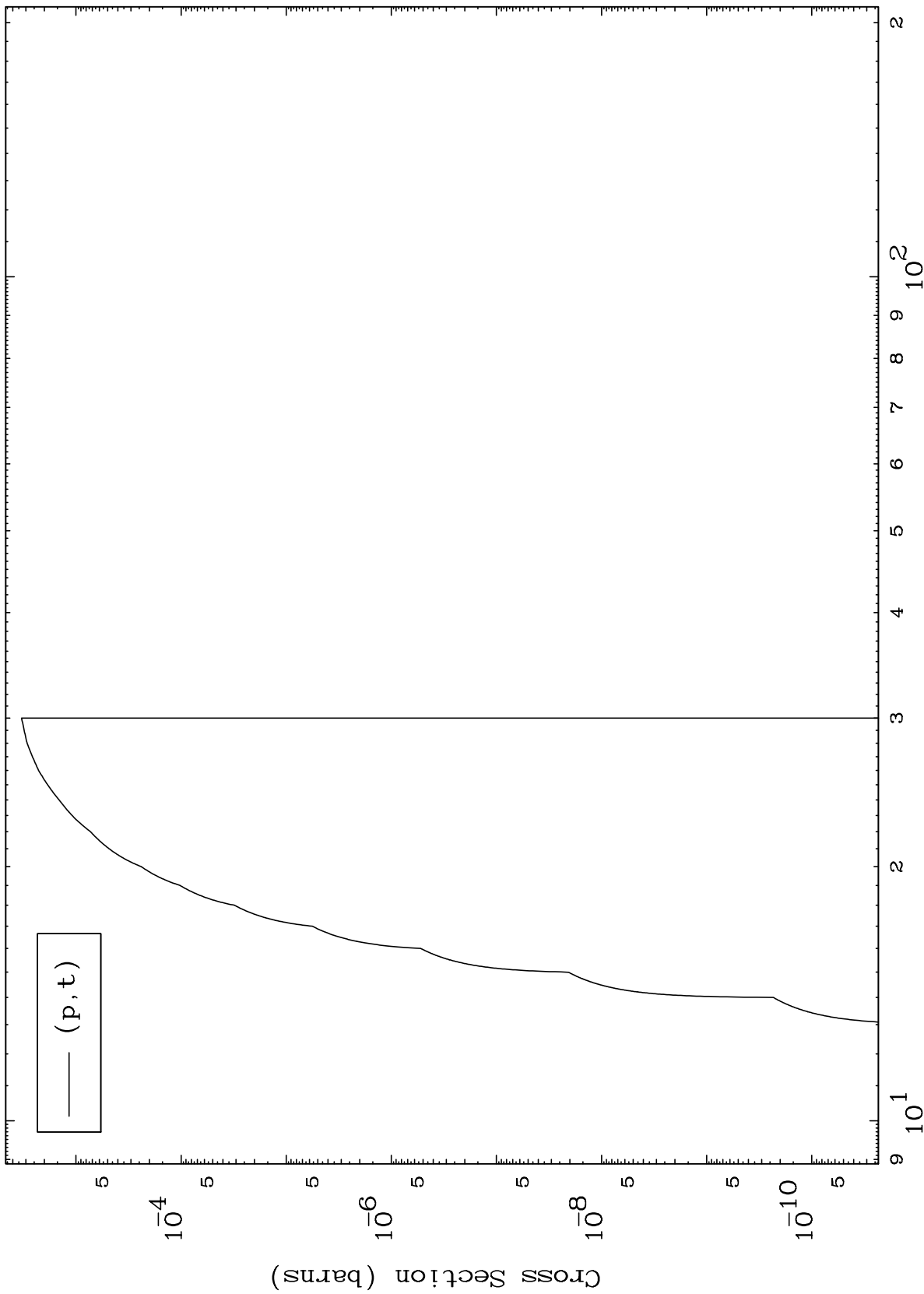




MAT 5922

(p,t) Levels
0 Kelvin Cross Sections

59-Pr-140



9

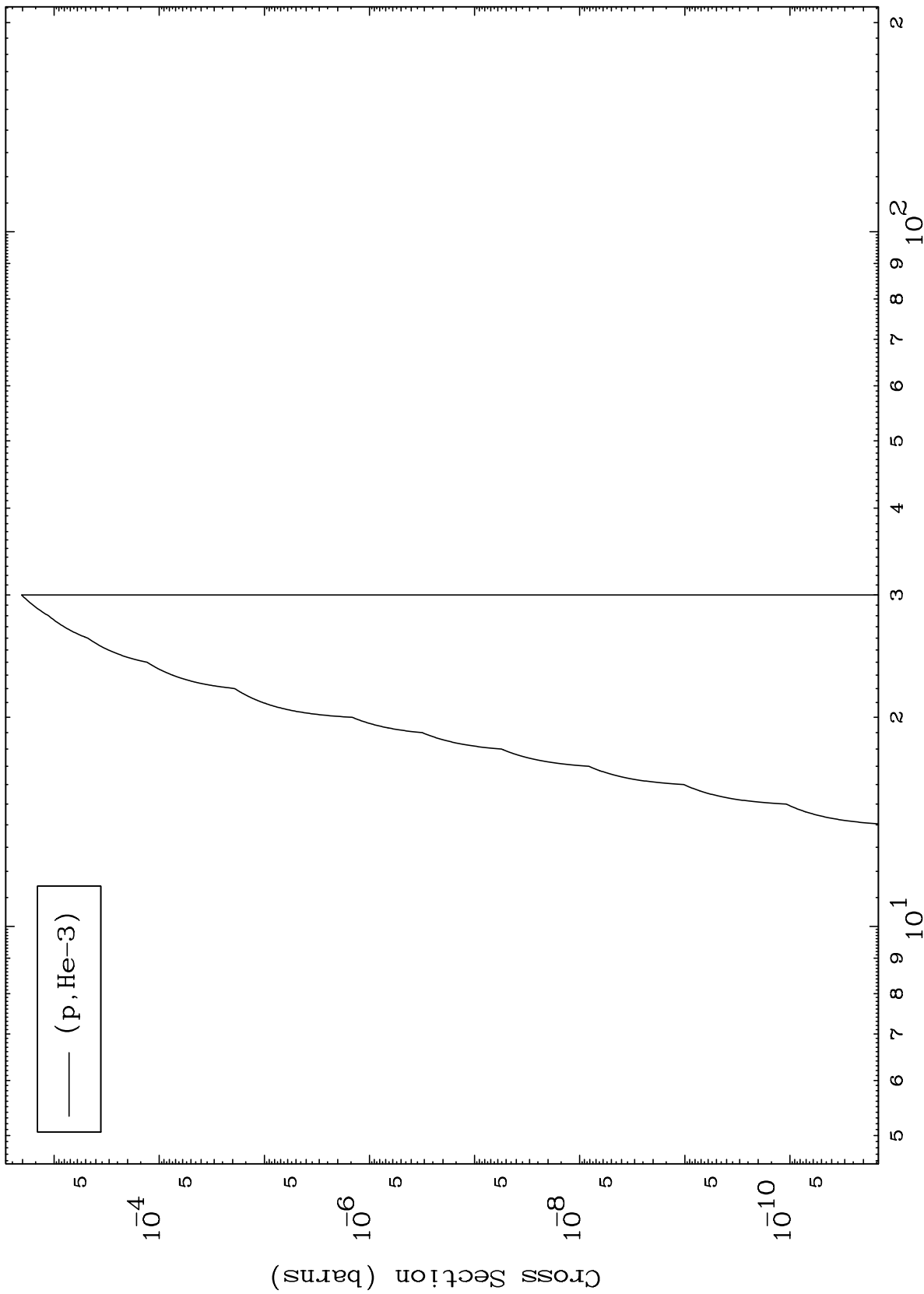
Incident Energy (MeV)

59-Pr-140

MAT 5922

59-Pr-140

(p,He3) Levels
0 Kelvin Cross Sections



59-Pr-140

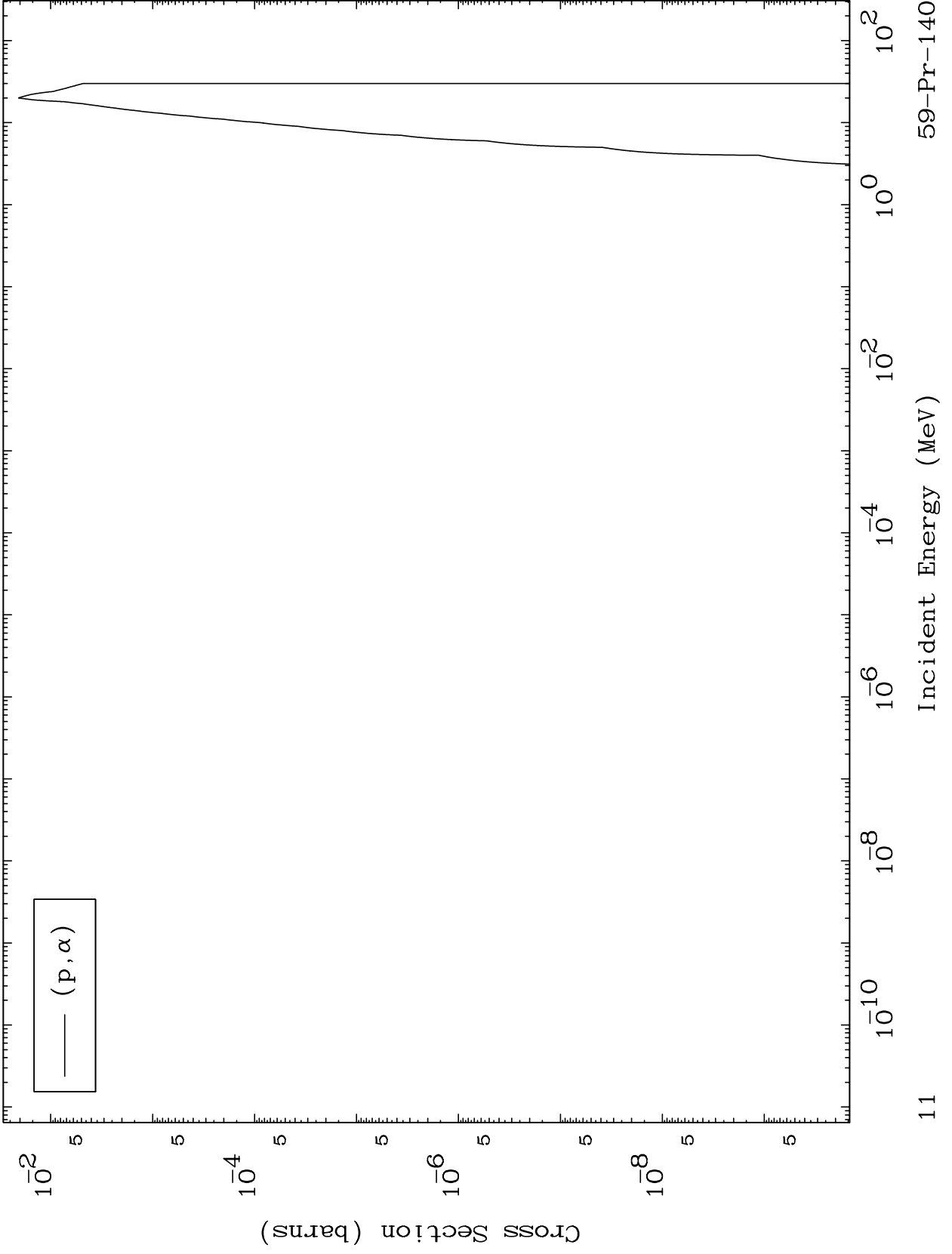
Incident Energy (MeV)

10

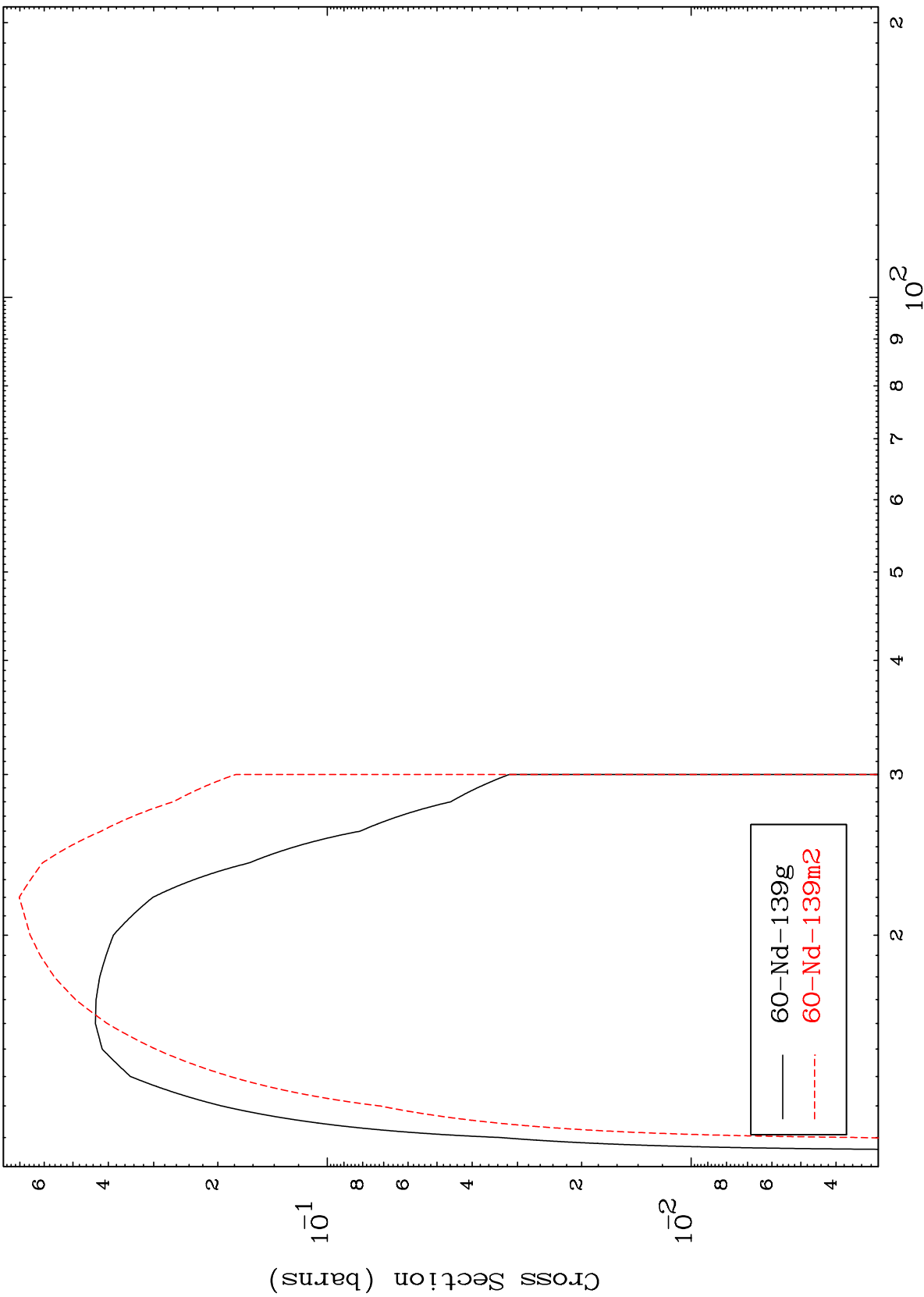
MAT 5922

(p, α) Levels
0 Kelvin Cross Sections

59-Pr-140



(p,2n)
Radionuclide Production Cross Section

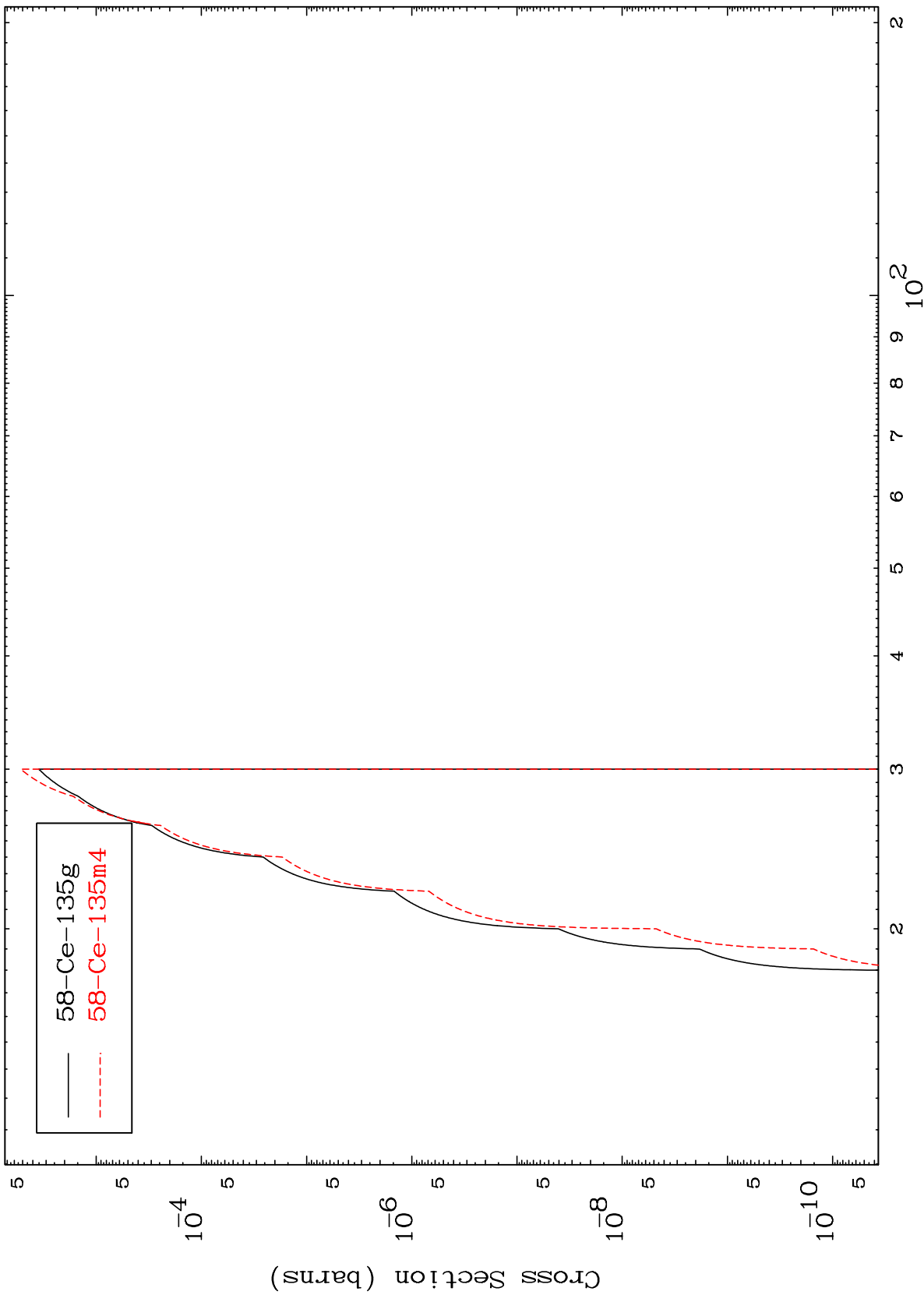


MAT 5922

(p,2n) α

59-Pr-140

Radionuclide Production Cross Section

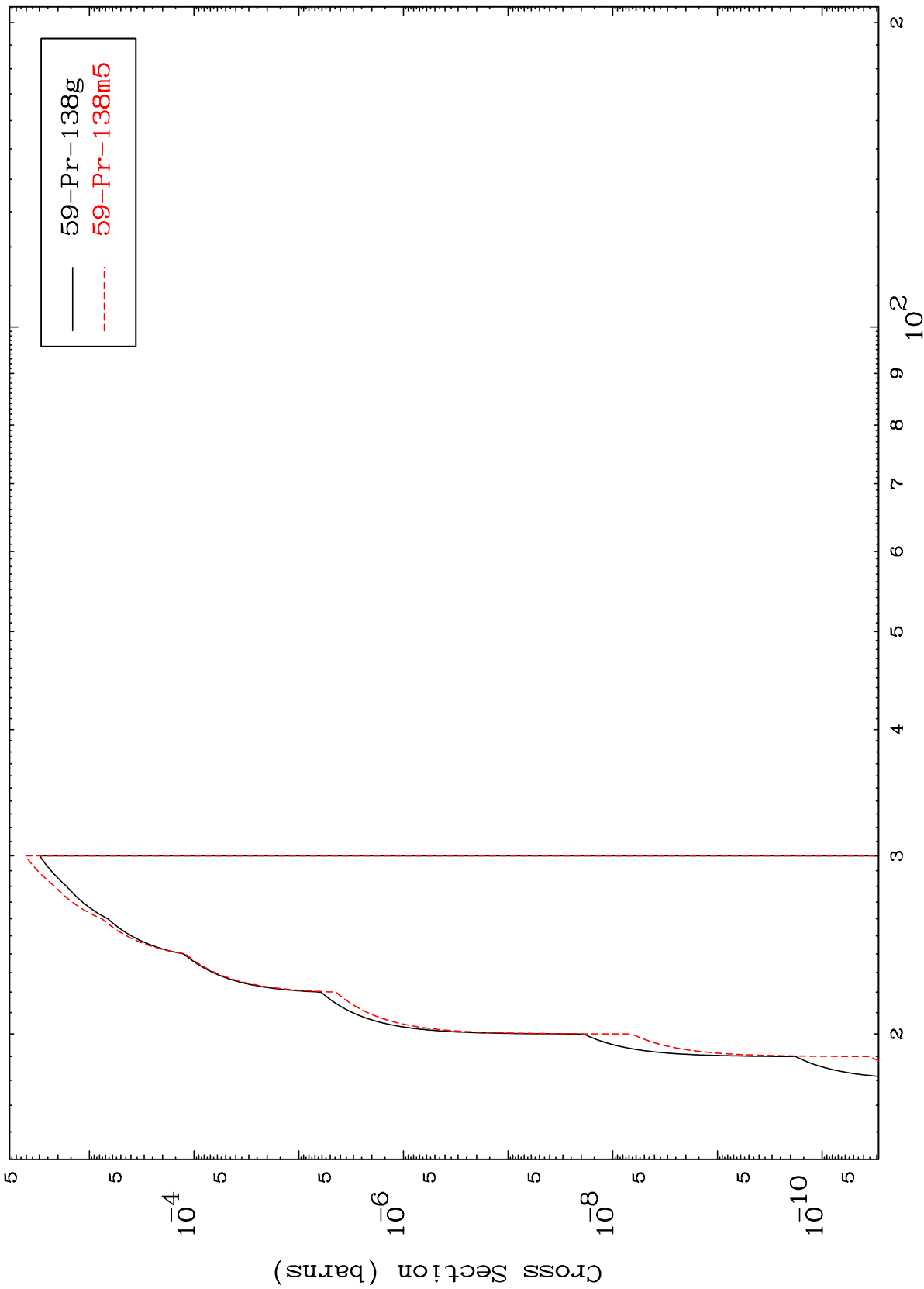


MAT 5922

(p,n') d

59-Pr-140

Radionuclide Production Cross Section

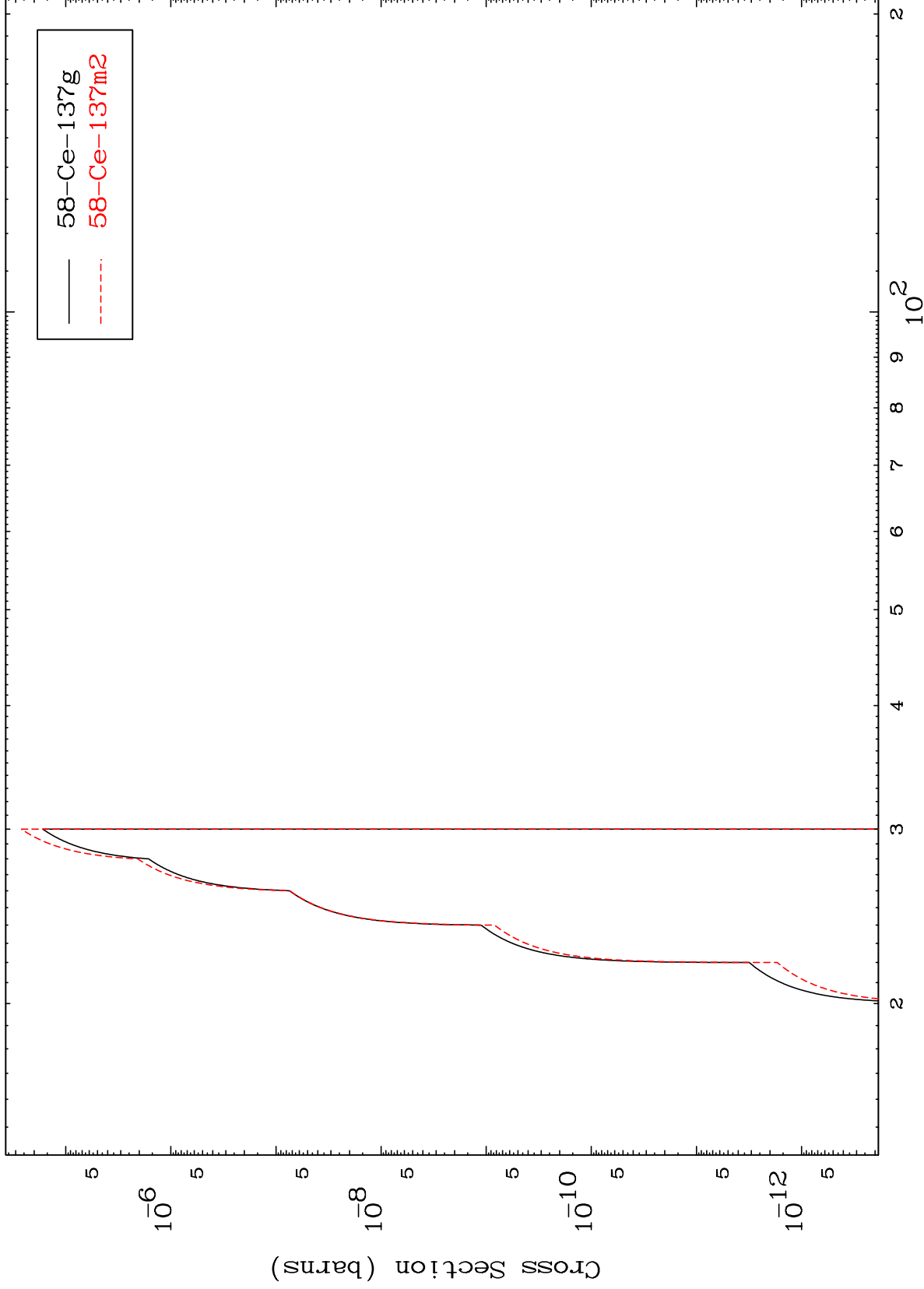


14

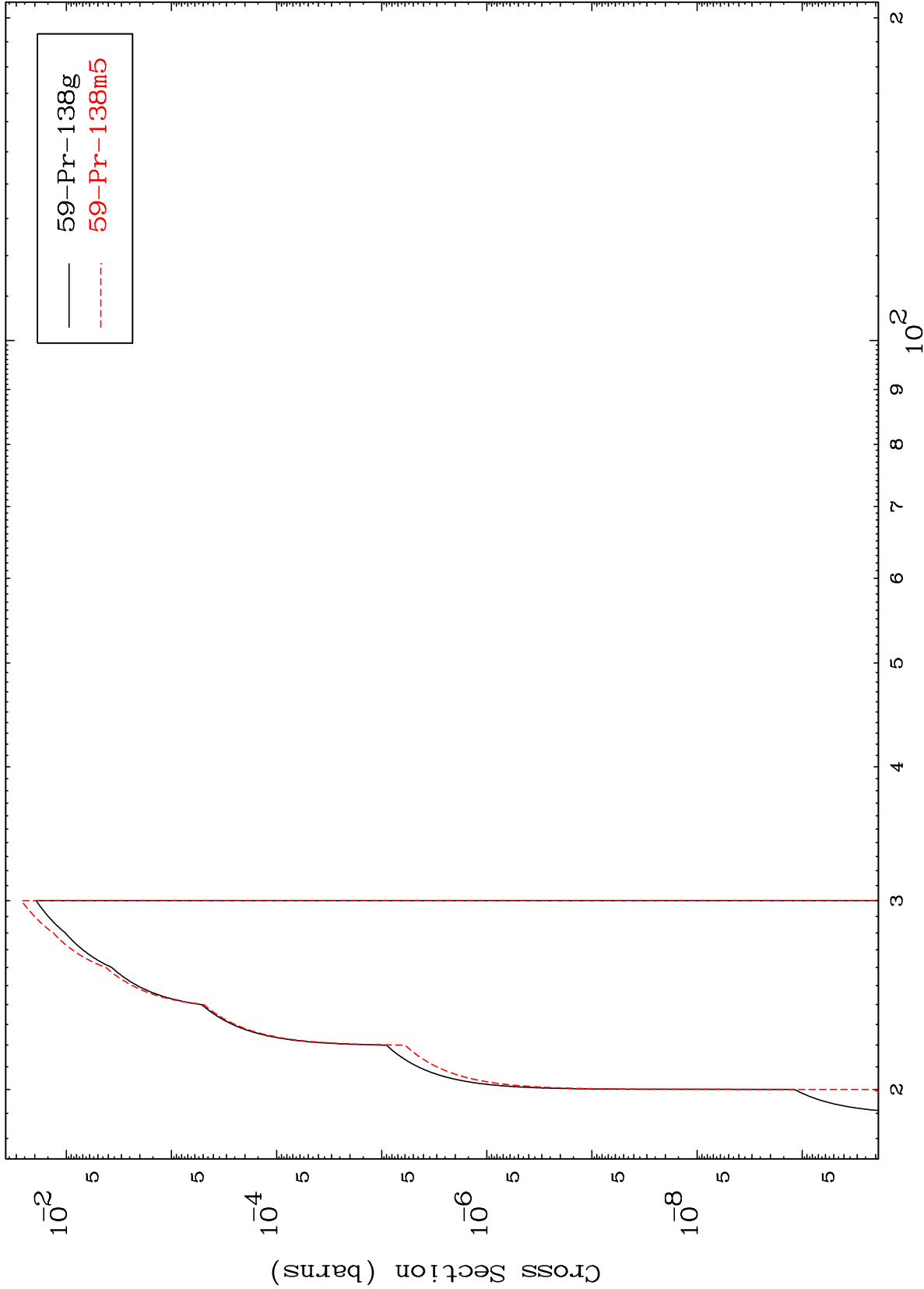
Incident Energy (MeV)

59-Pr-140

Radionuclide Production Cross Section



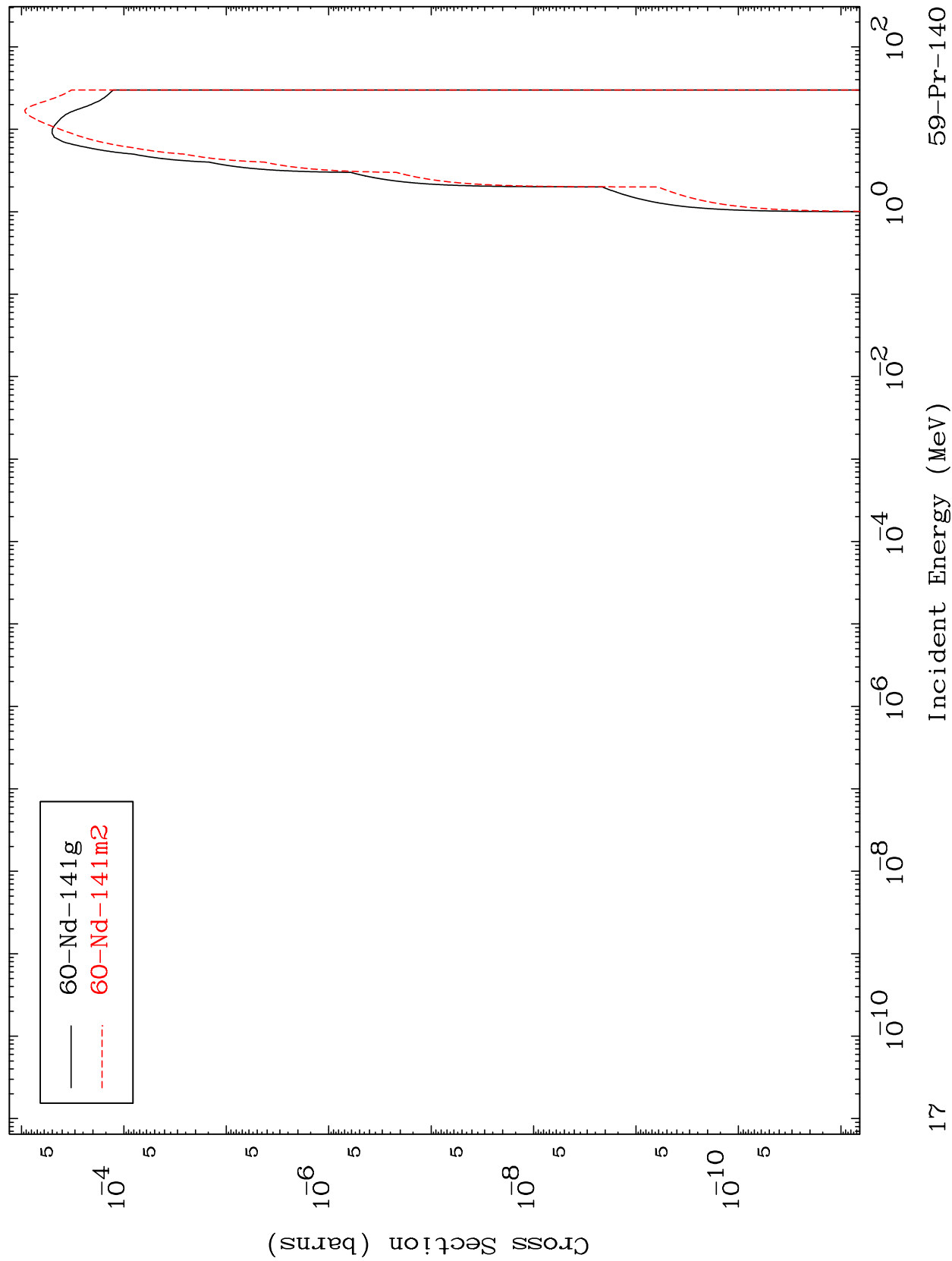
(p,2n) p
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

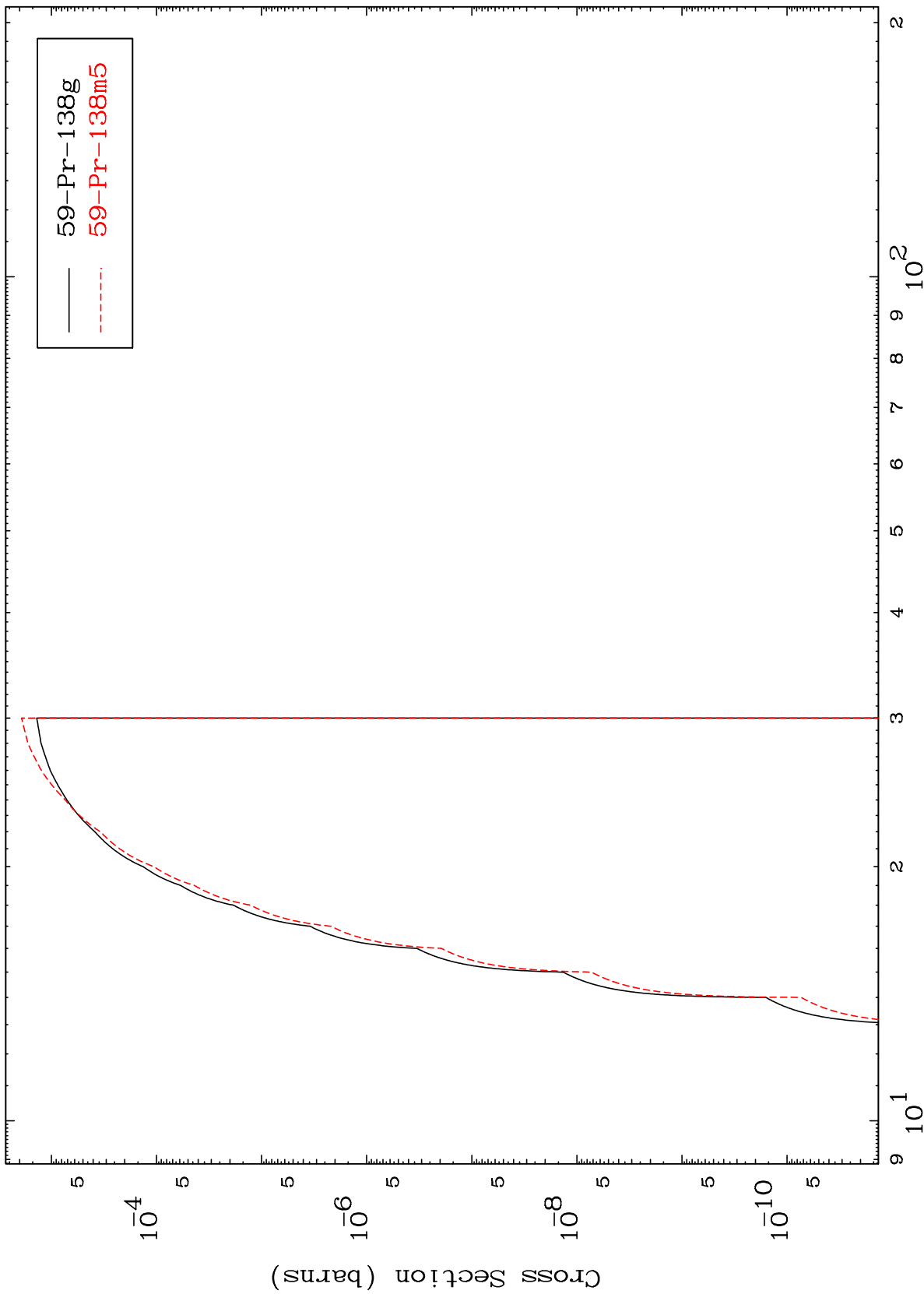
(p, γ)
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

(p, t)
Radionuclide Production Cross Section



59-Pr-140

Incident Energy (MeV)

18

10^{-10}

10^{-8}

10^{-6}

10^{-4}

10^2

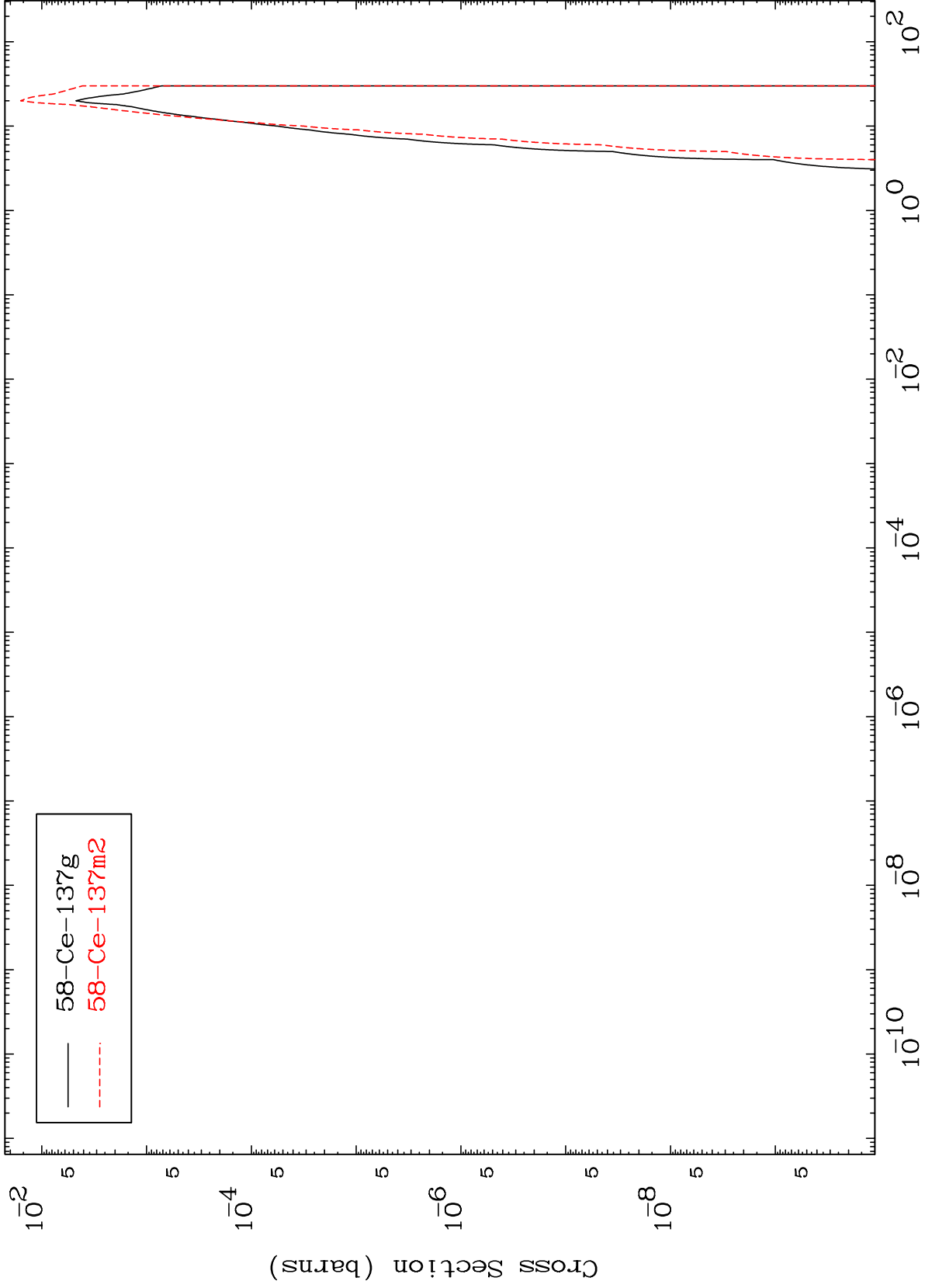
2

MAT 5922

(p, α)

59-Pr-140

Radionuclide Production Cross Section

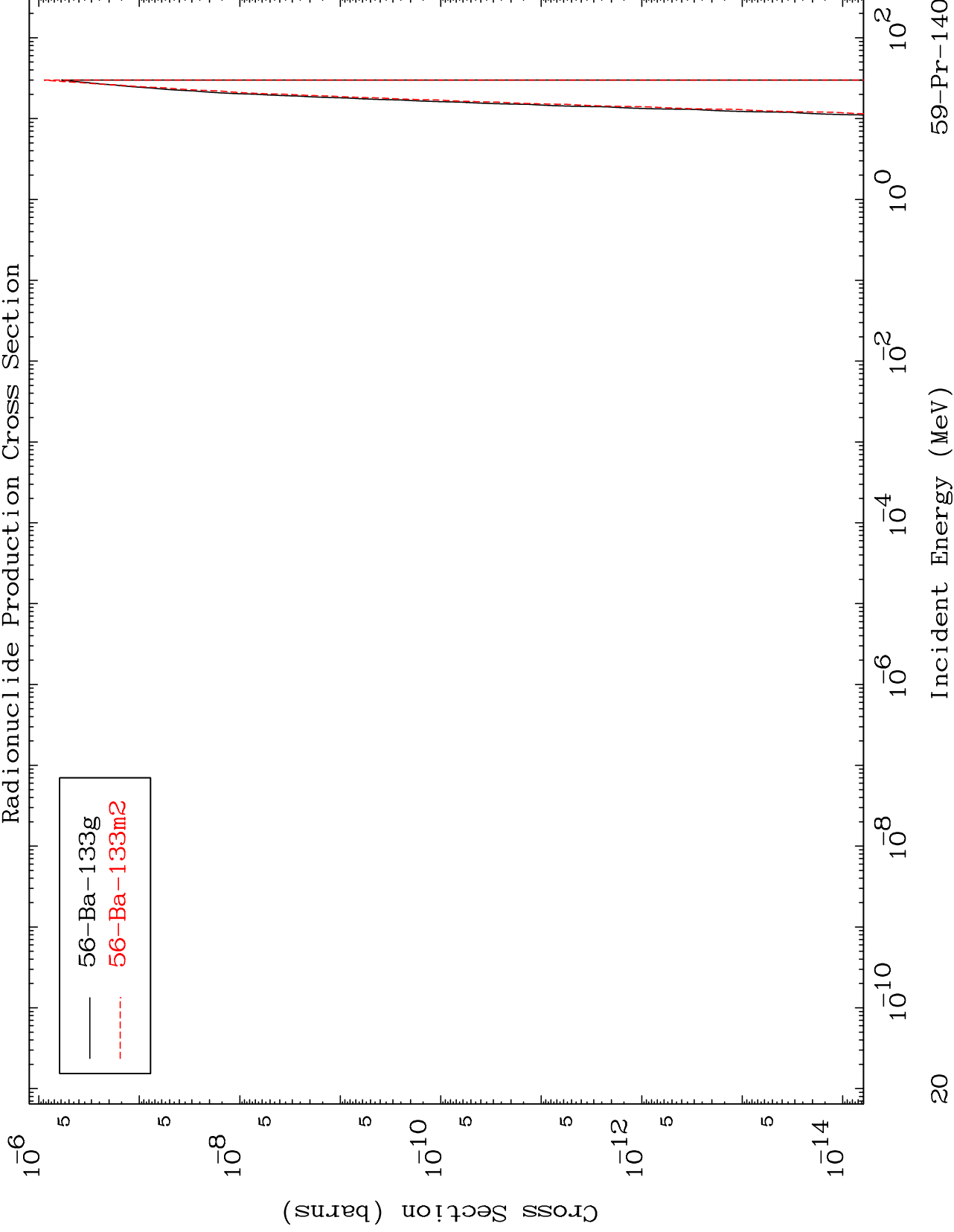


MAT 5922

(p,2 α)

59-Pr-140

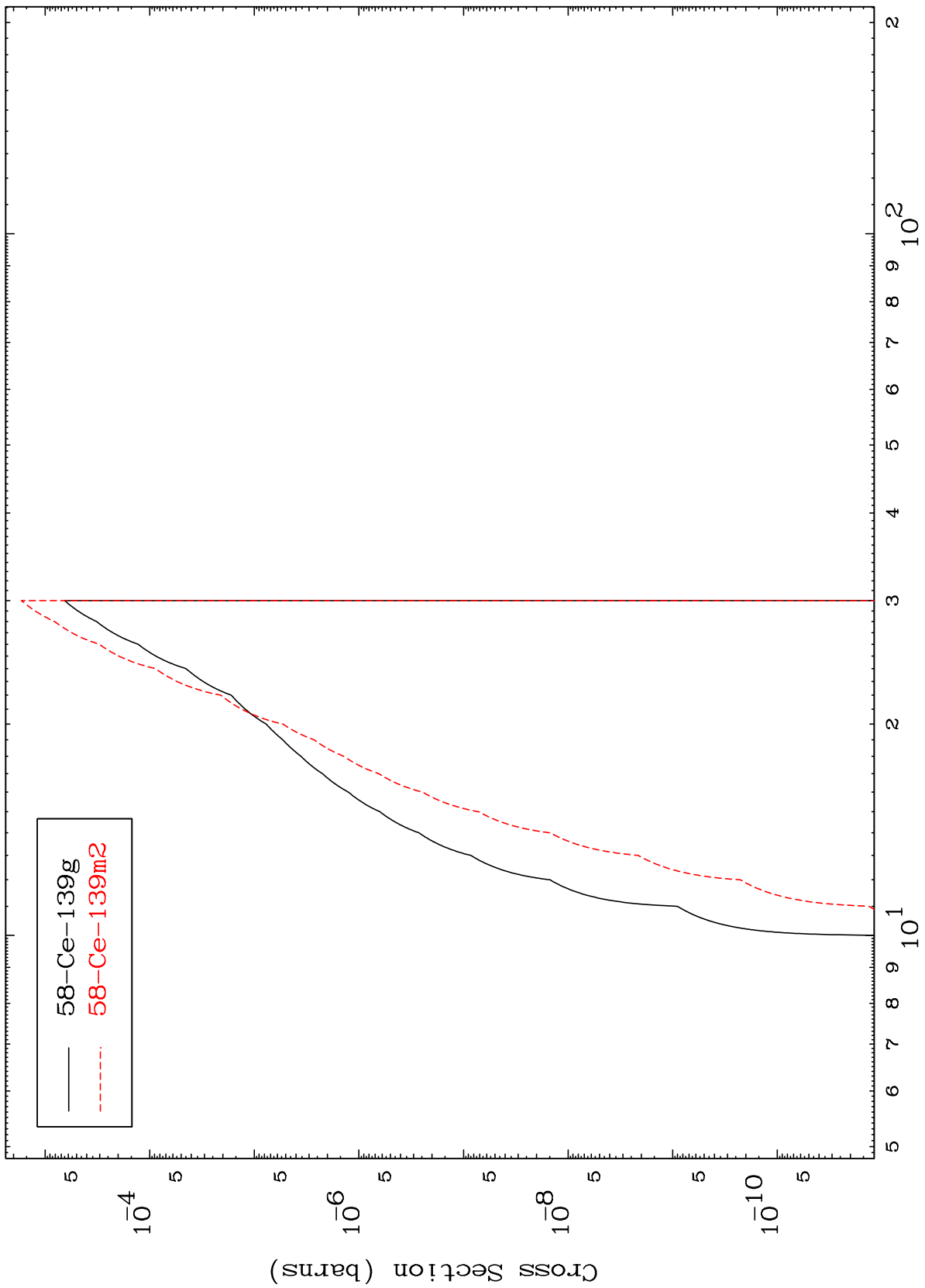
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

(p,2p)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

59-Pr-140

