

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

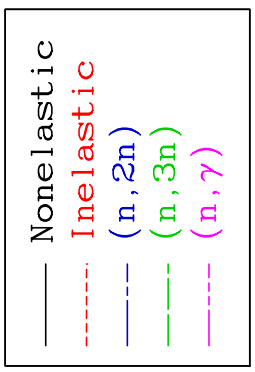
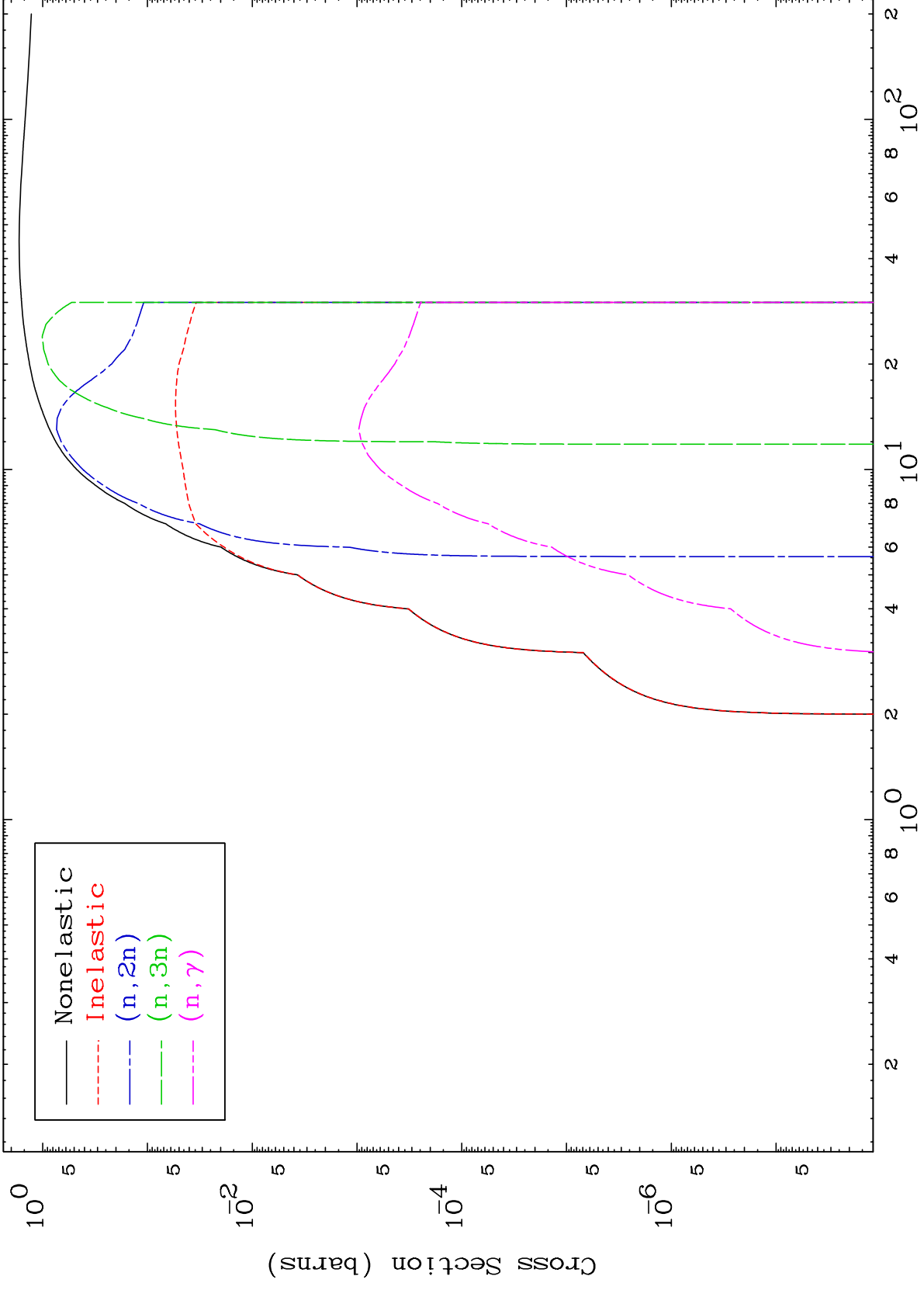
Press Mouse Button to Start

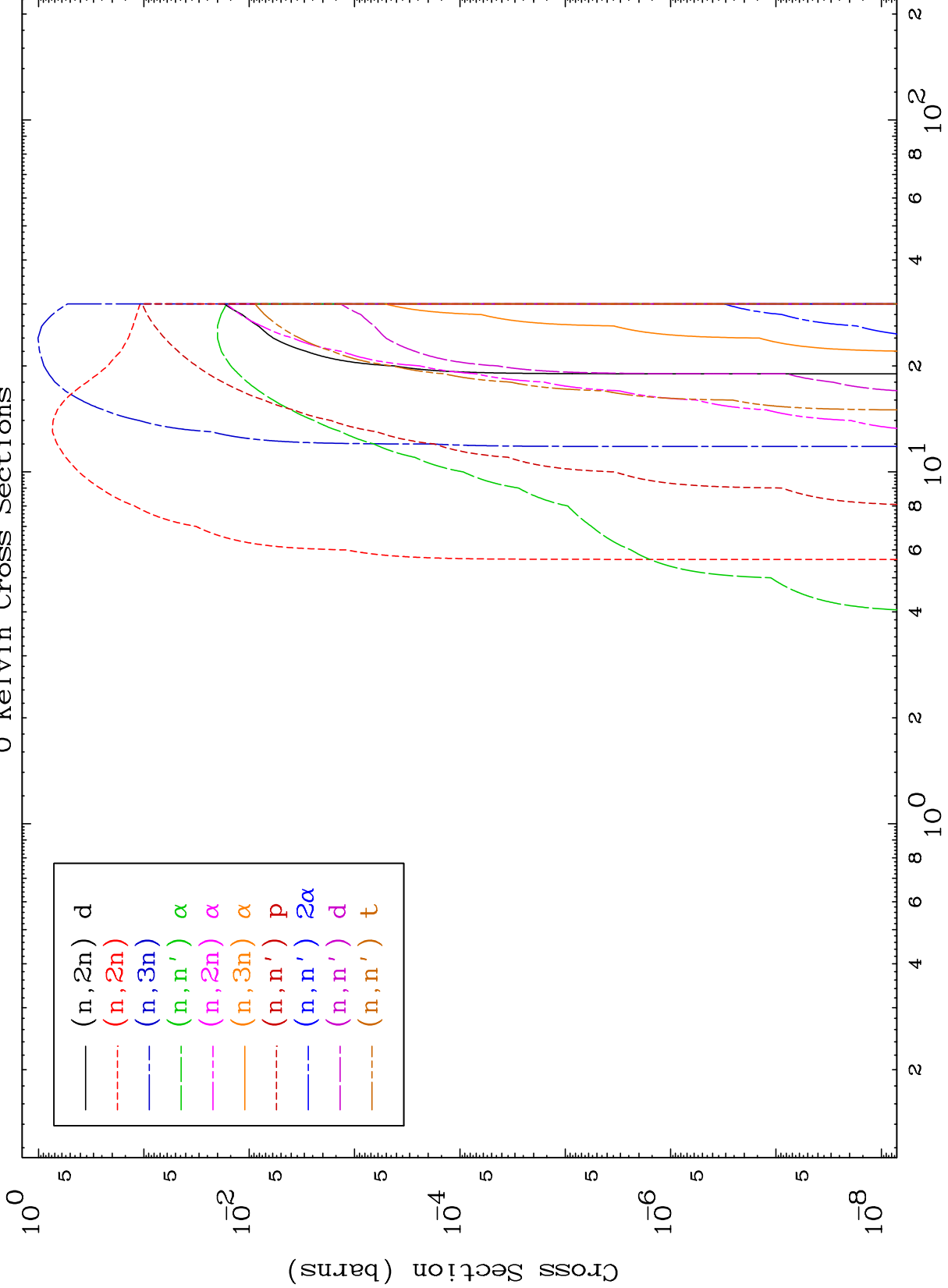
MAT 5934

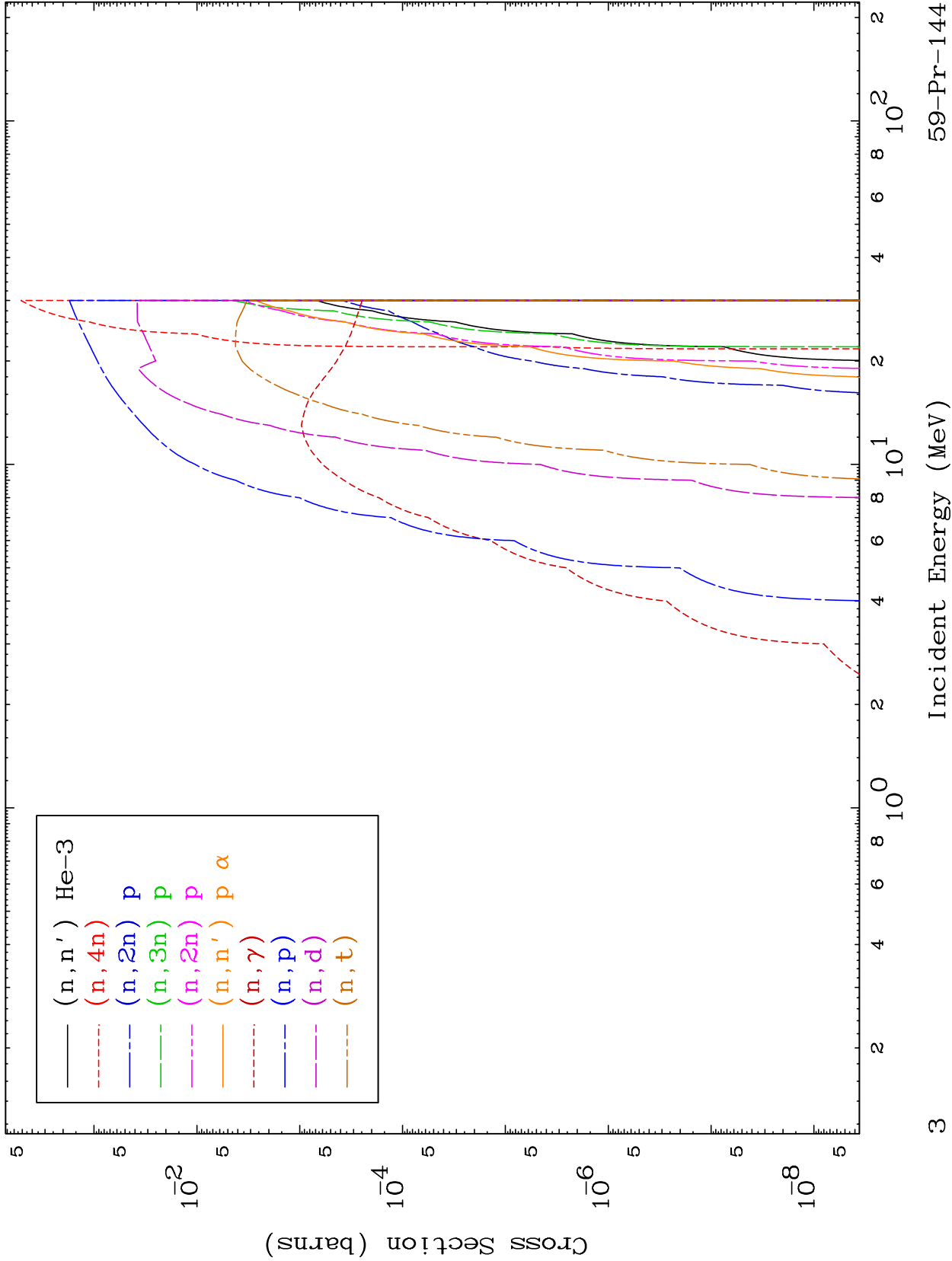
Proton Major

59-Pr-144

0 Kelvin Cross Sections



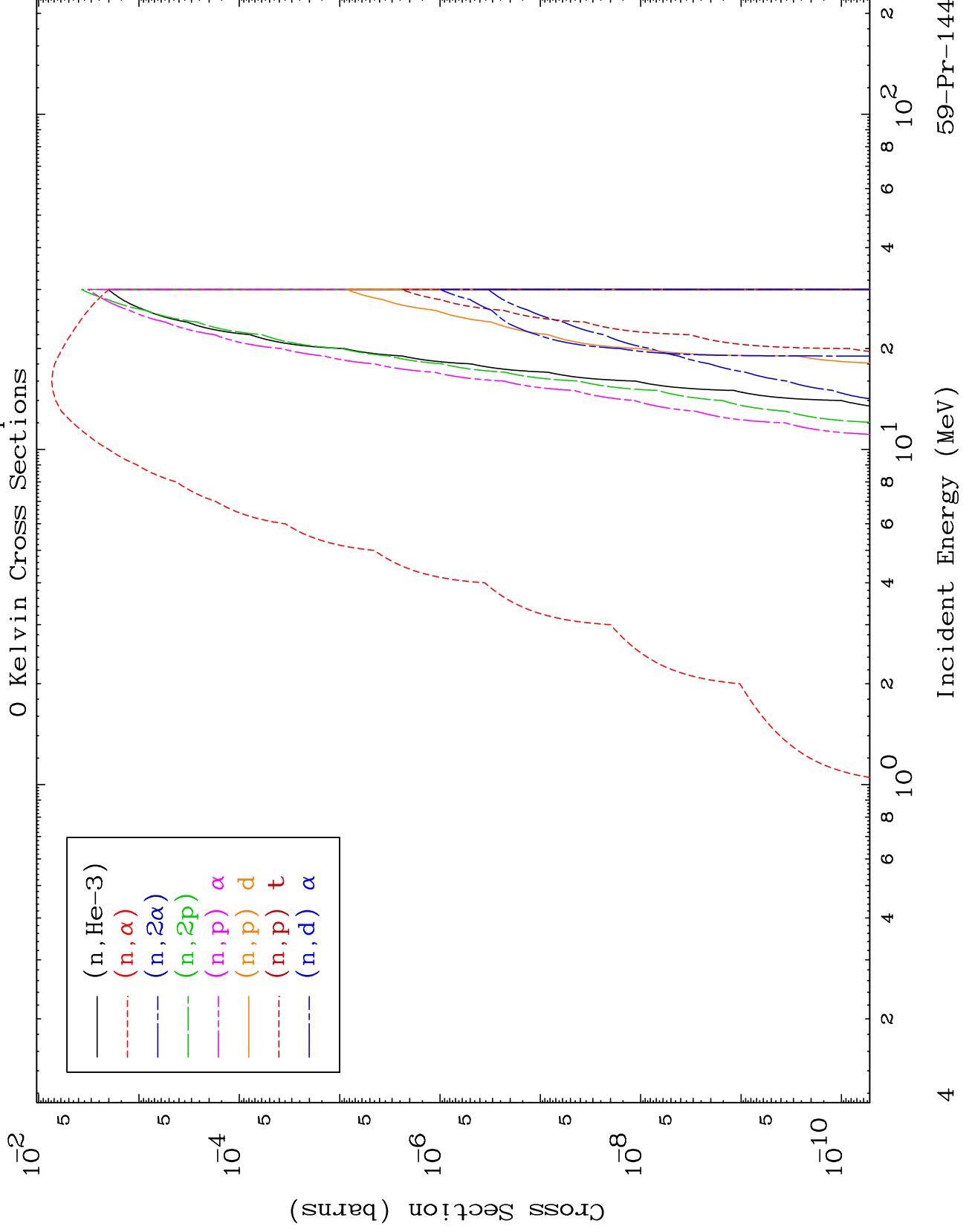


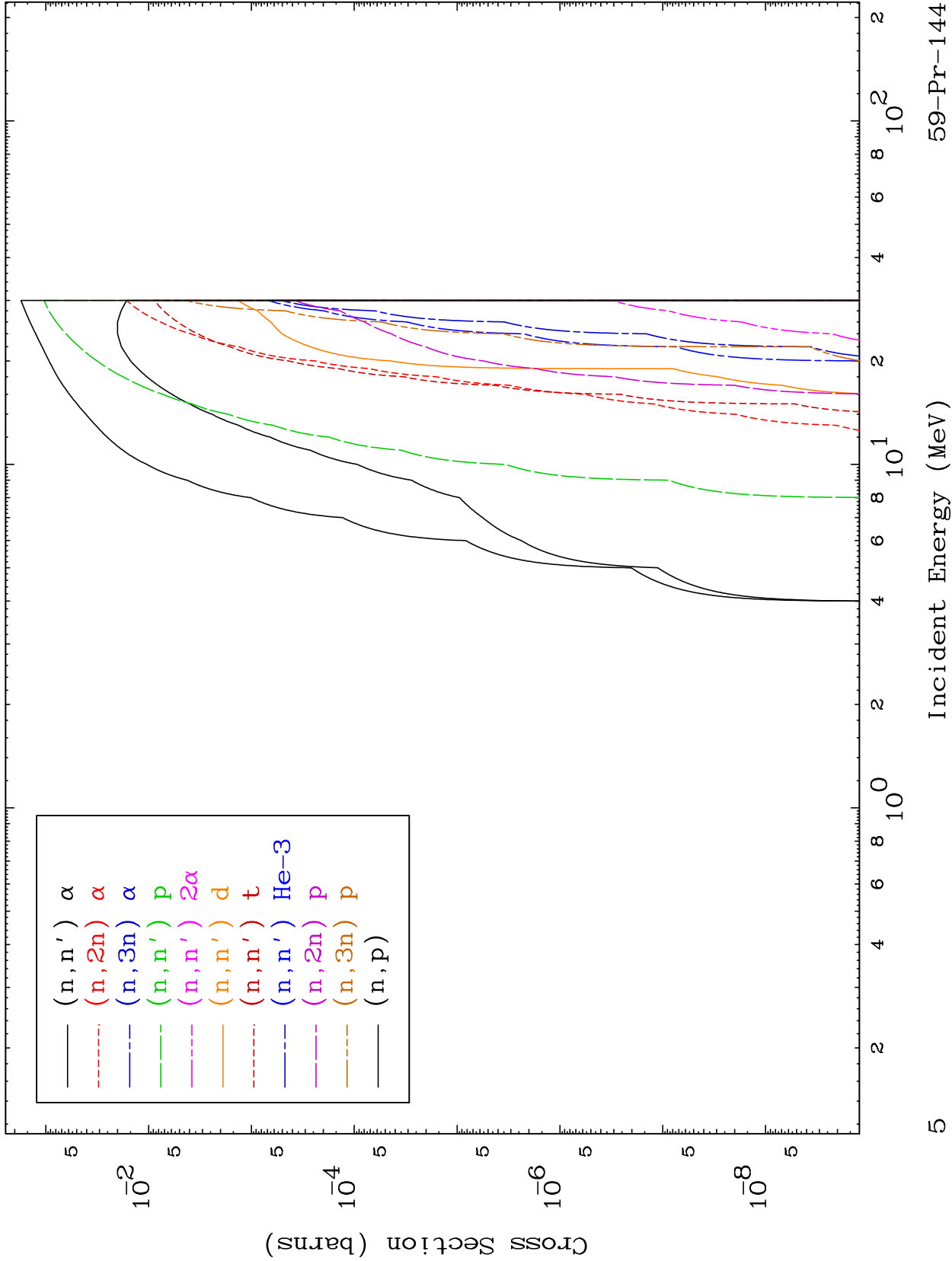


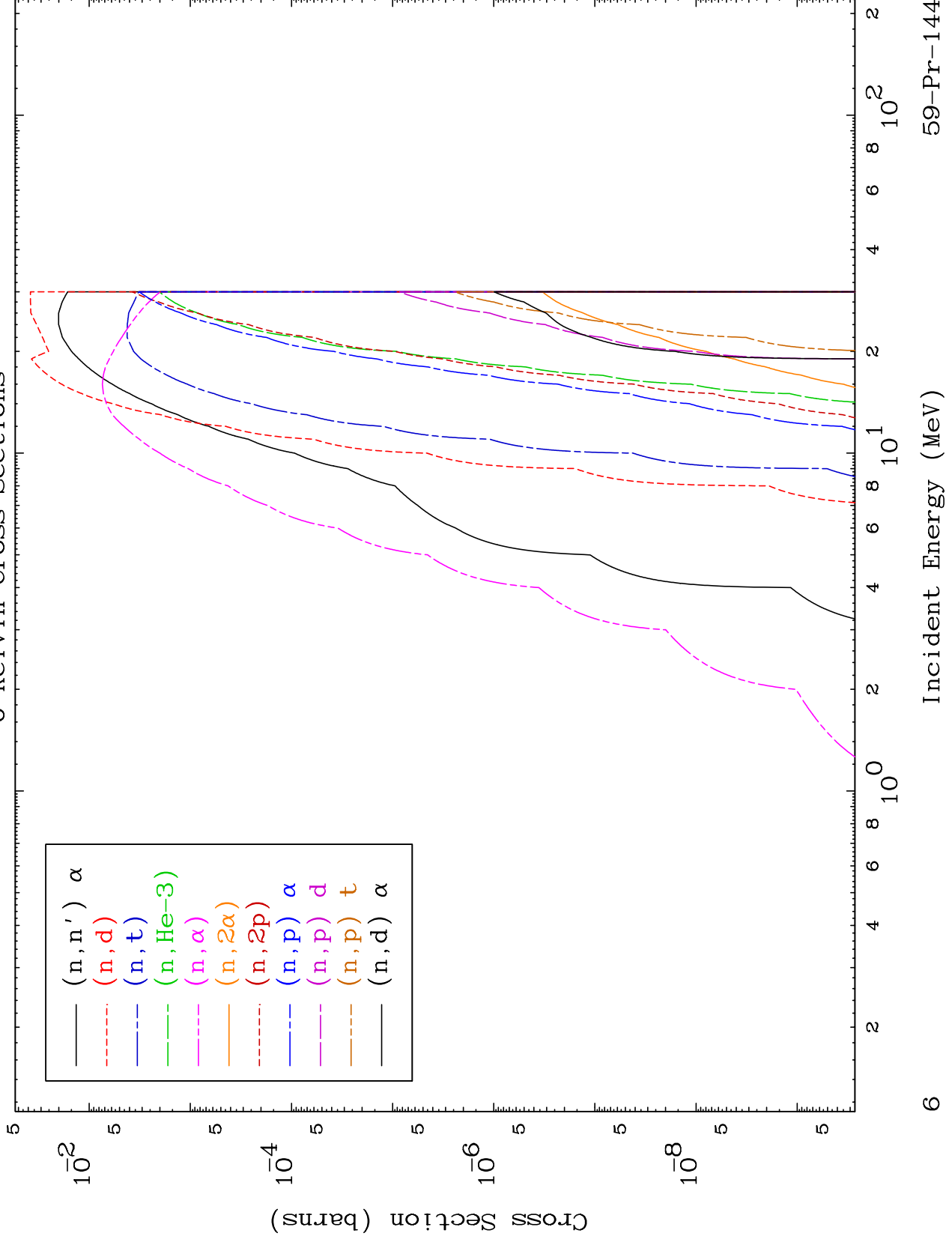
MAT 5934

Proton Neutron Absorption
0 Kelvin Cross Sections

59-Pr-144





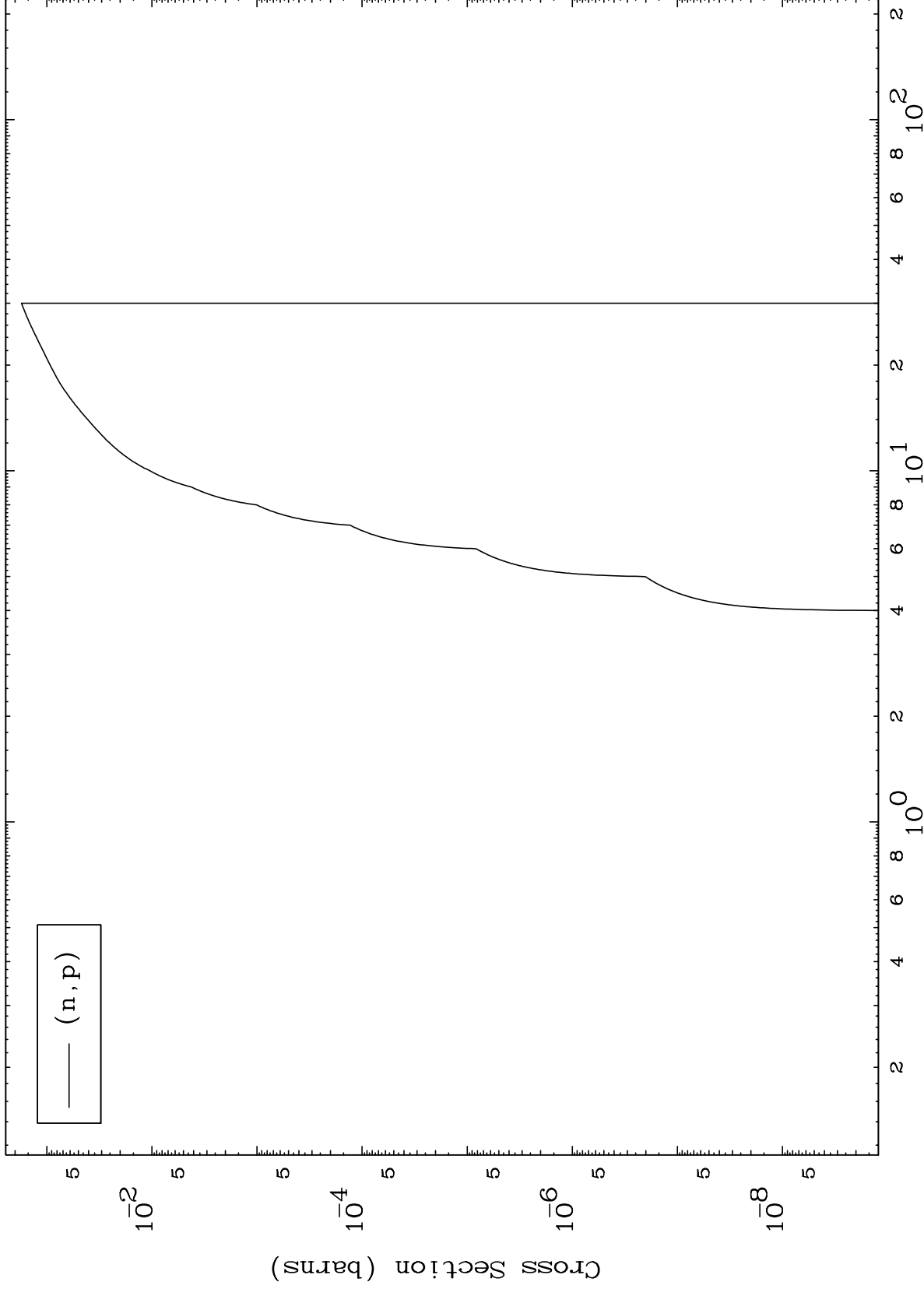


MAT 5934

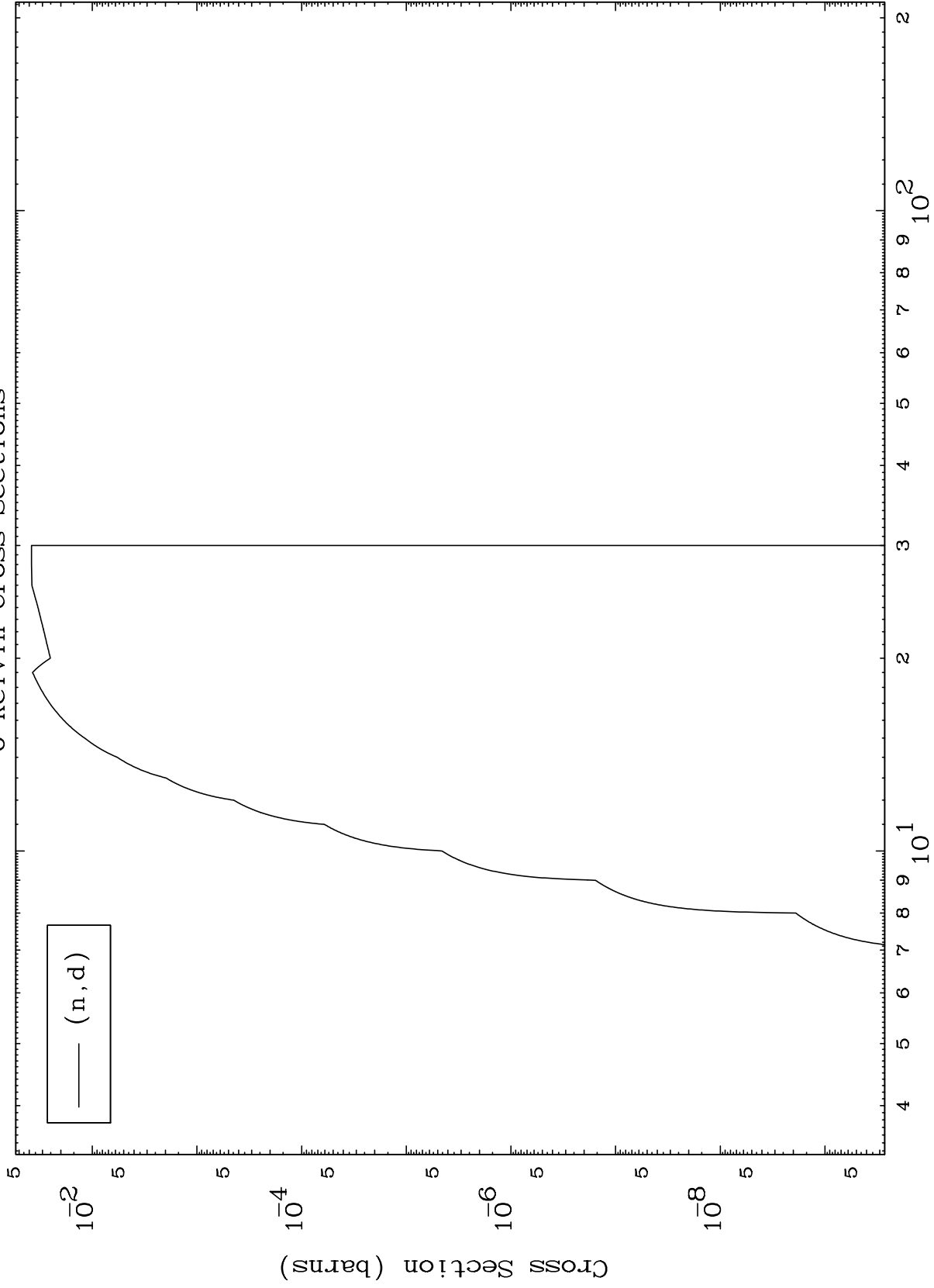
(p,p) Levels

59-Pr-144

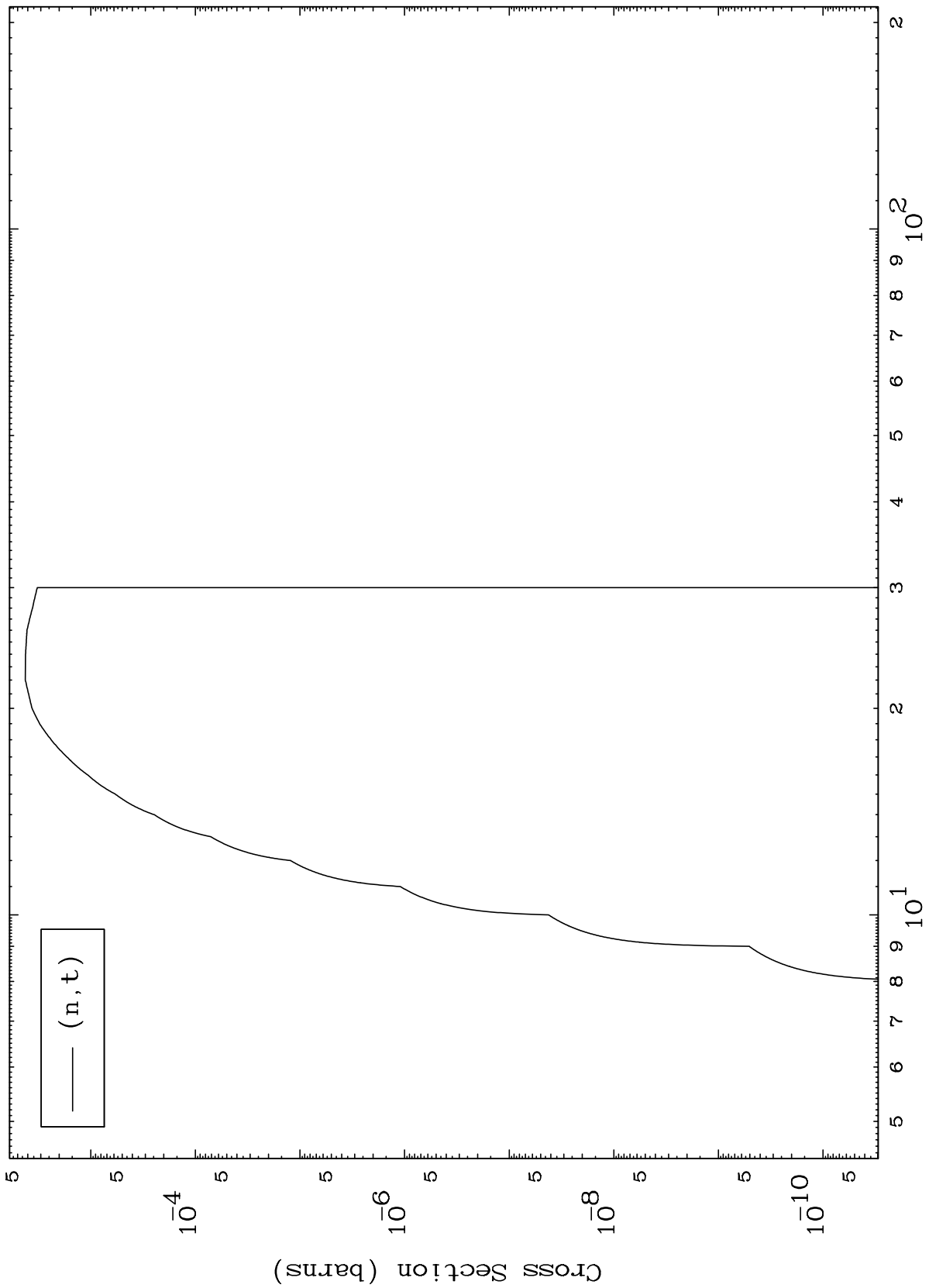
0 Kelvin Cross Sections



(p,d) Levels
0 Kelvin Cross Sections

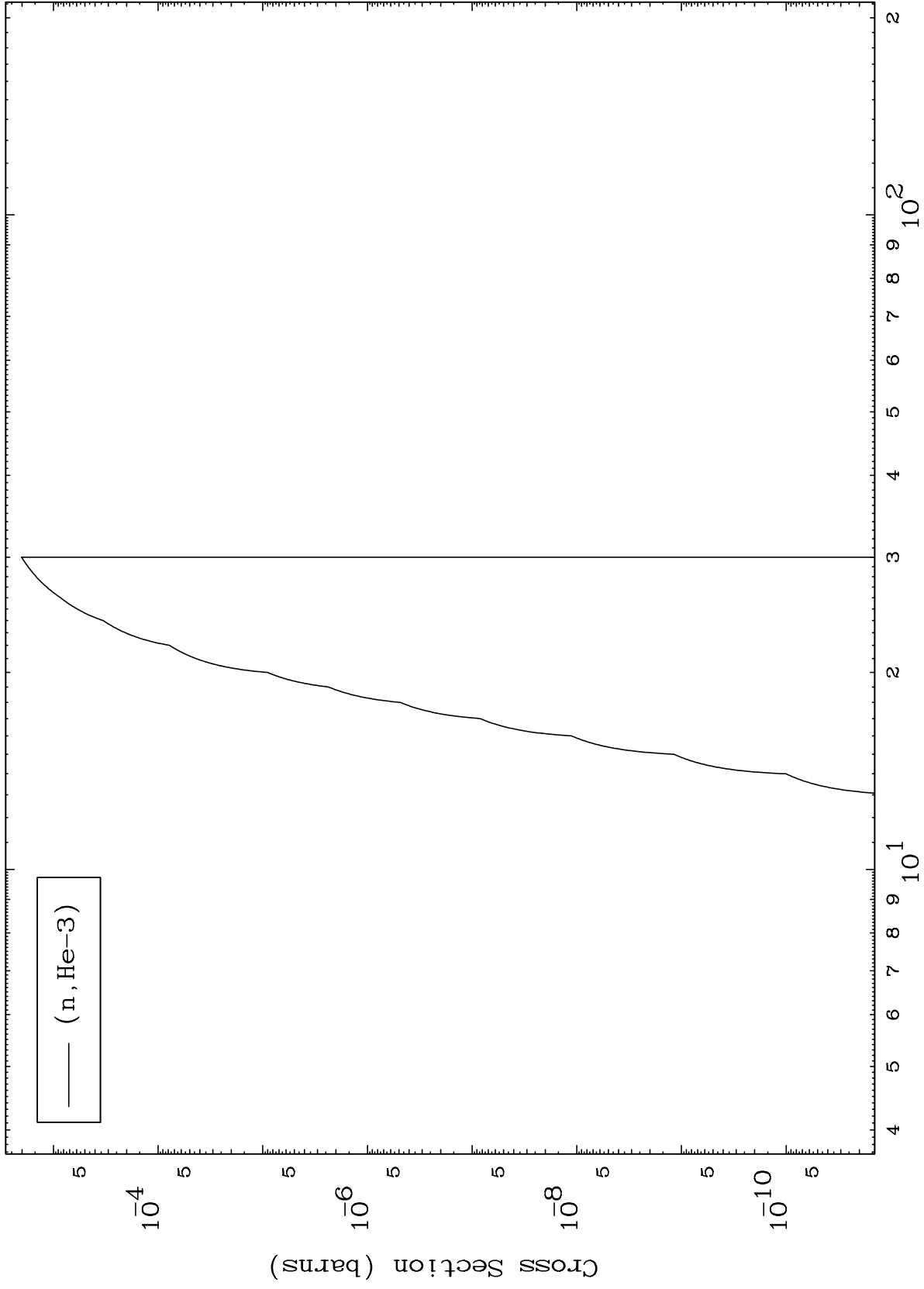


(p,t) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

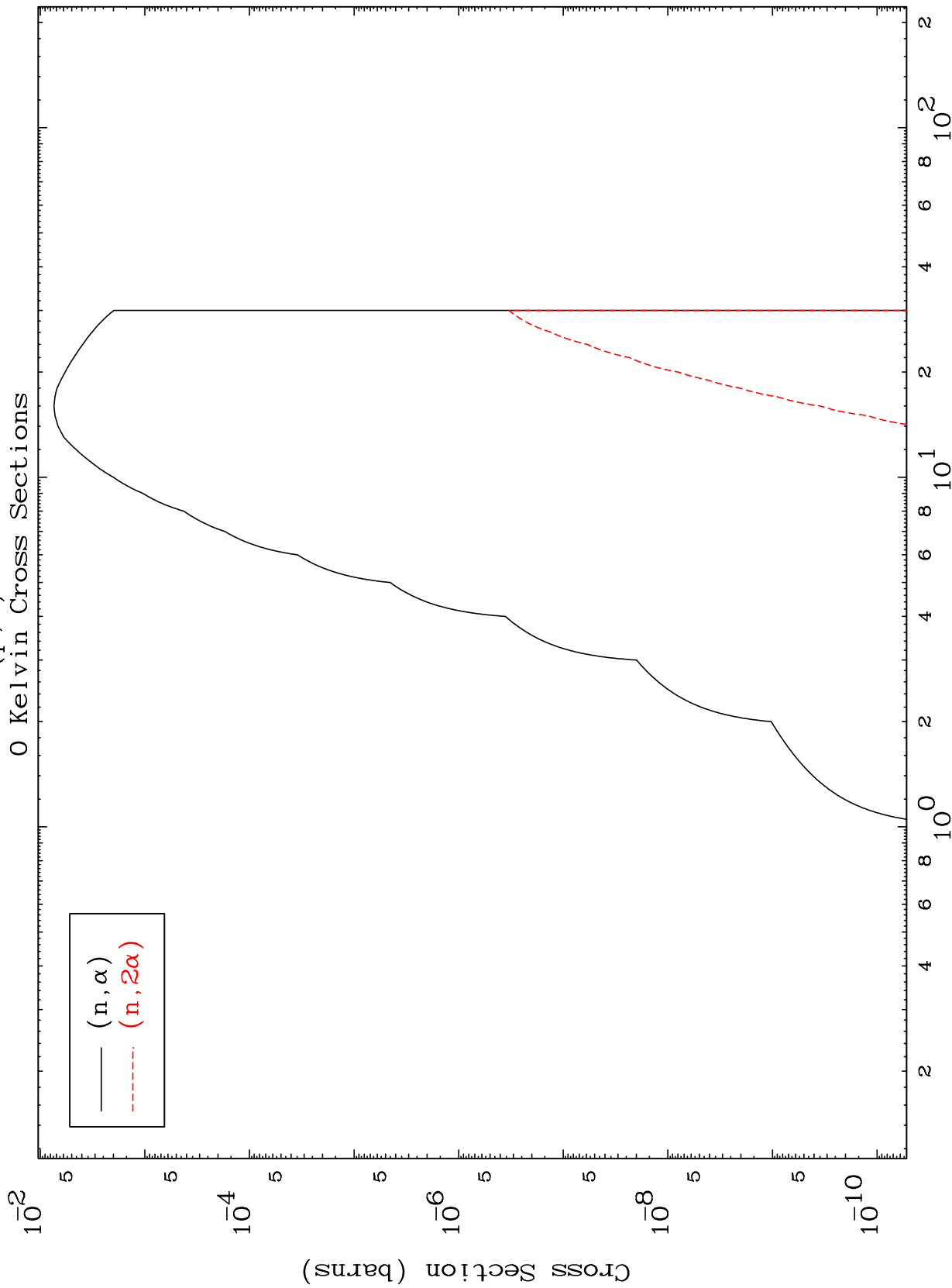
(p,He3) Levels
0 Kelvin Cross Sections



MAT 5934

59-Pr-144

(p, α) Levels
0 Kelvin Cross Sections



59-Pr-144

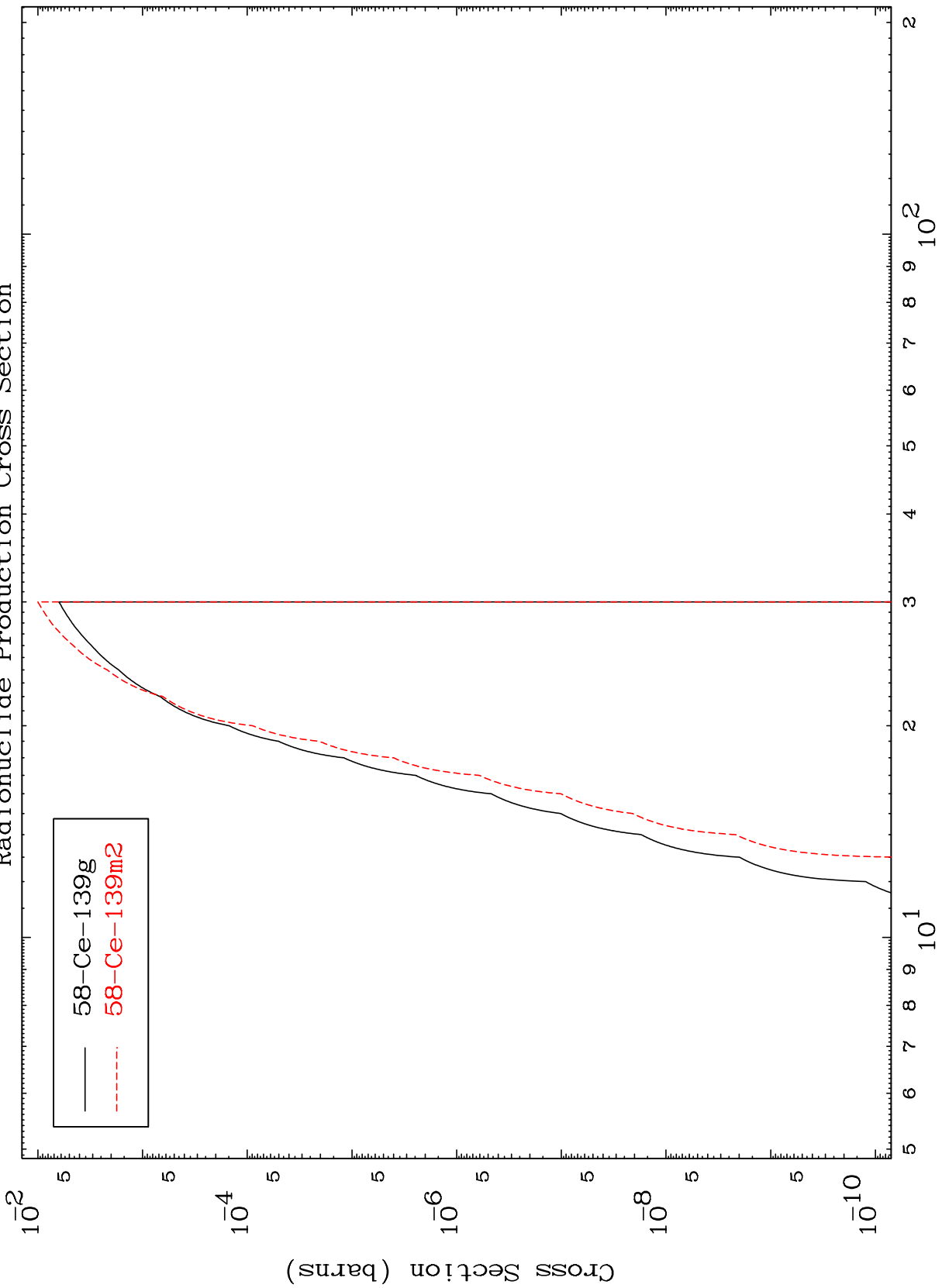
Incident Energy (MeV)

MAT 5934

59-Pr-144

(n,2n) α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

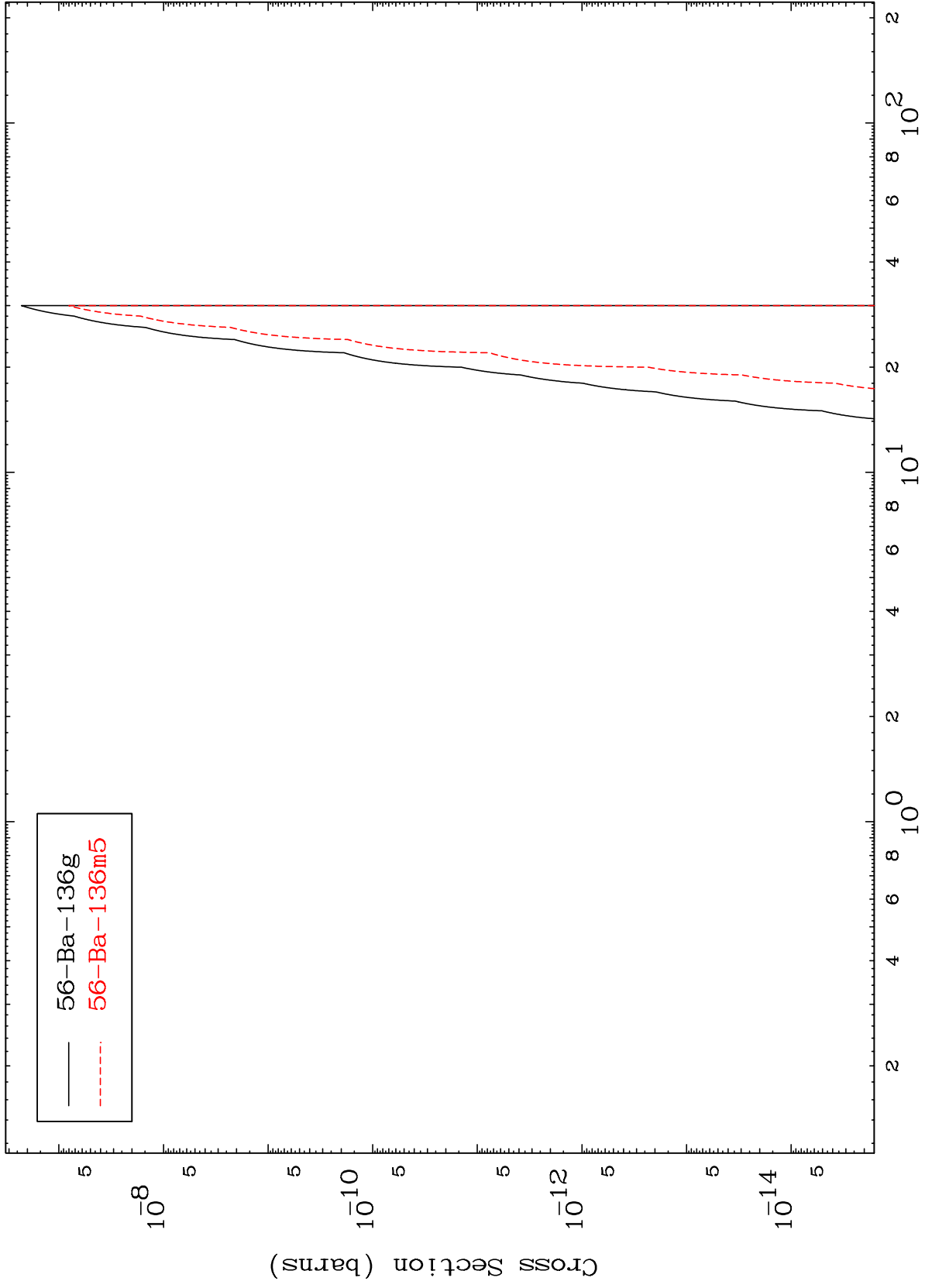
59-Pr-144

MAT 5934

(n,n') 2 α

59-Pr-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

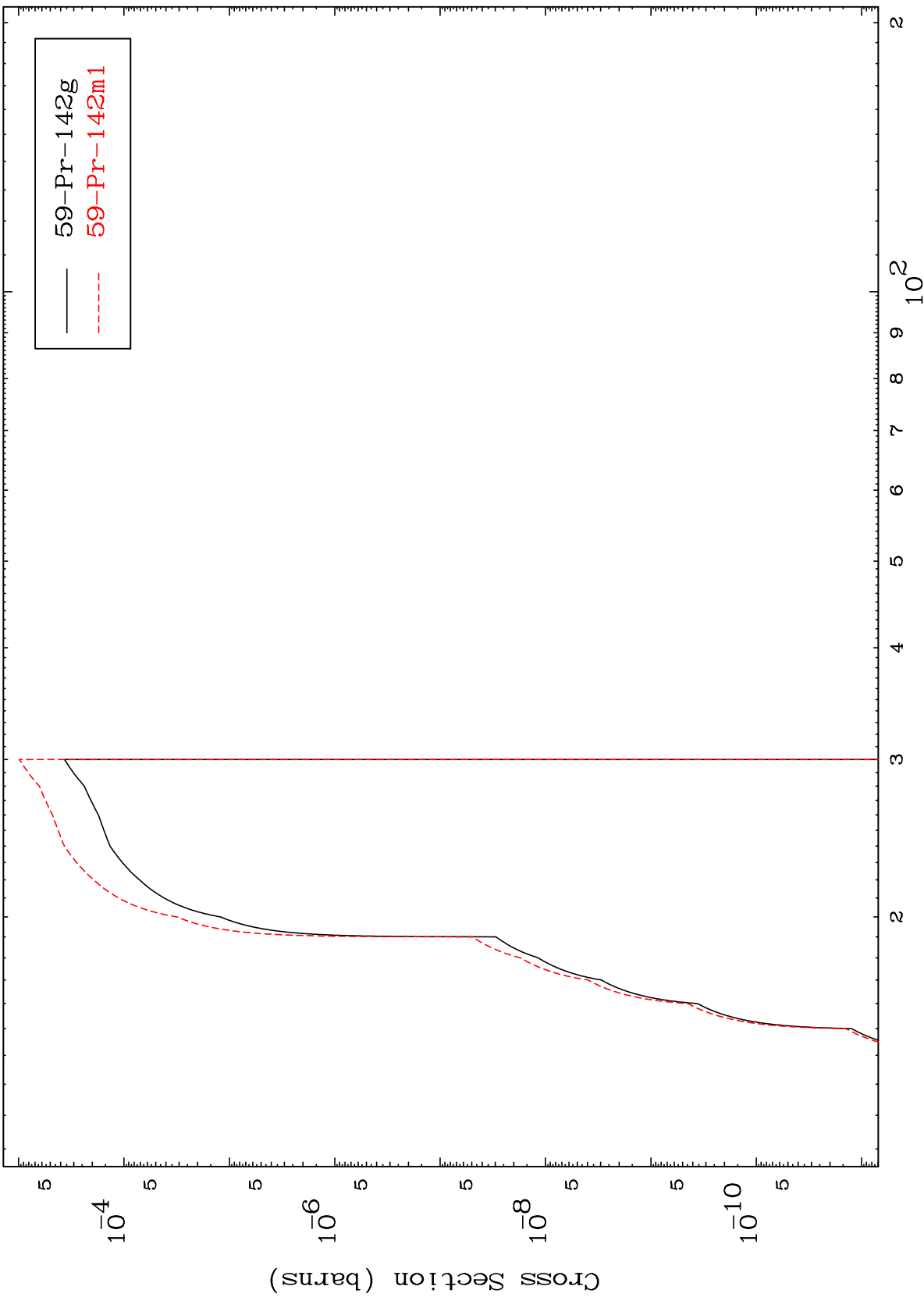
59-Pr-144

MAT 5934

(n,n') d

59-Pr-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

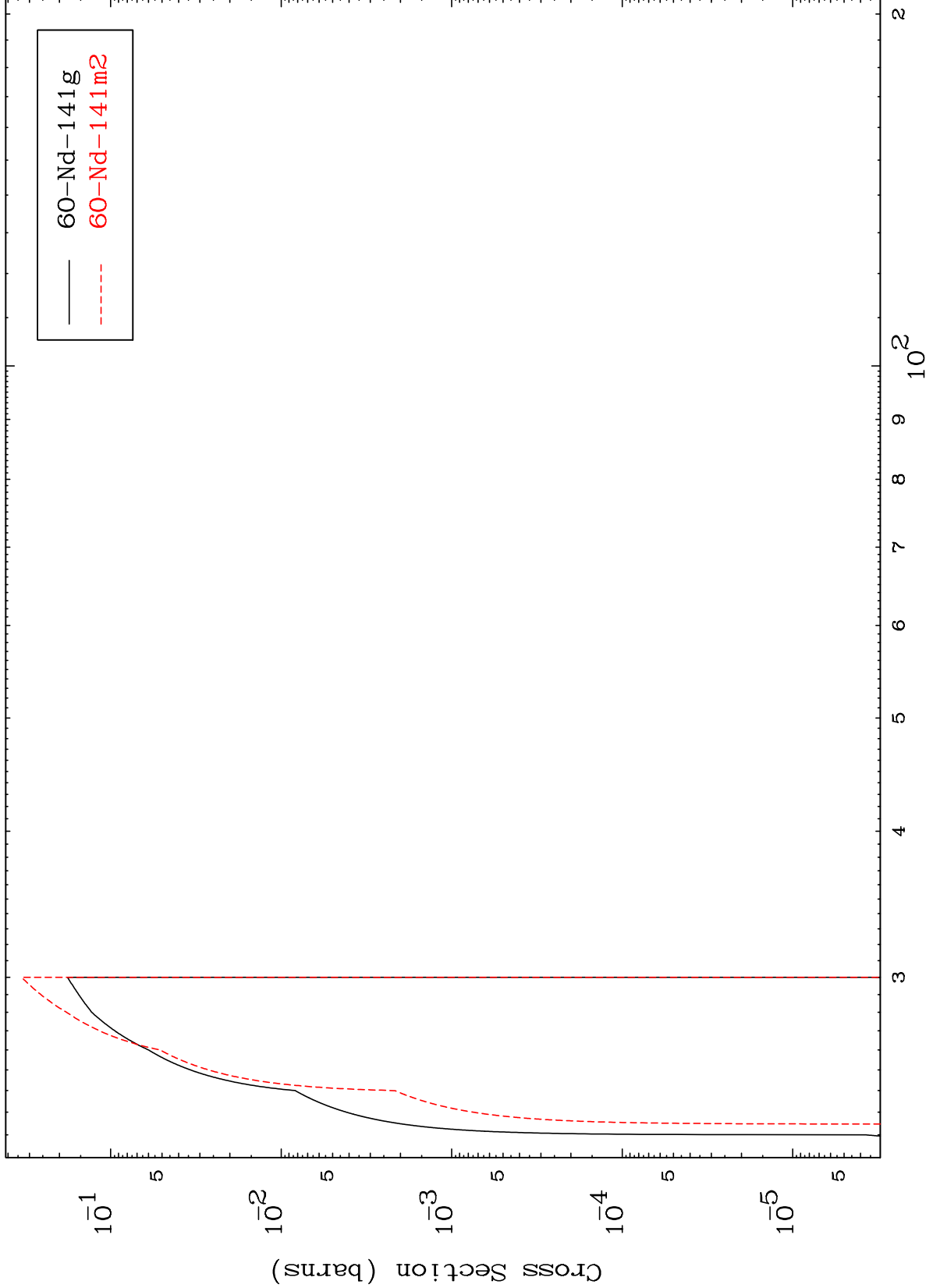
59-Pr-144

MAT 5934

(n,4n)

59-Pr-144

Radionuclide Production Cross Section

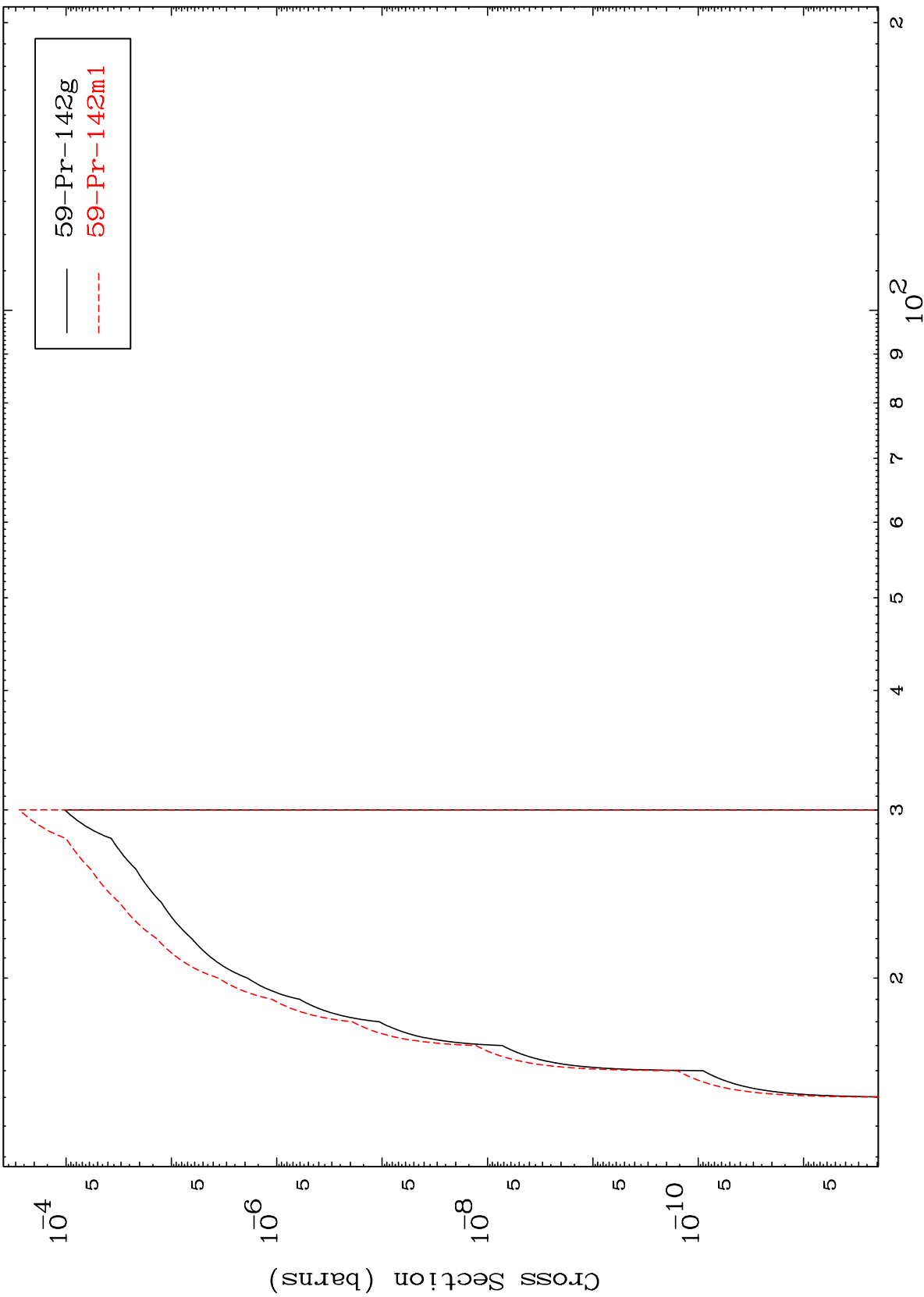


15

Incident Energy (MeV)

59-Pr-144

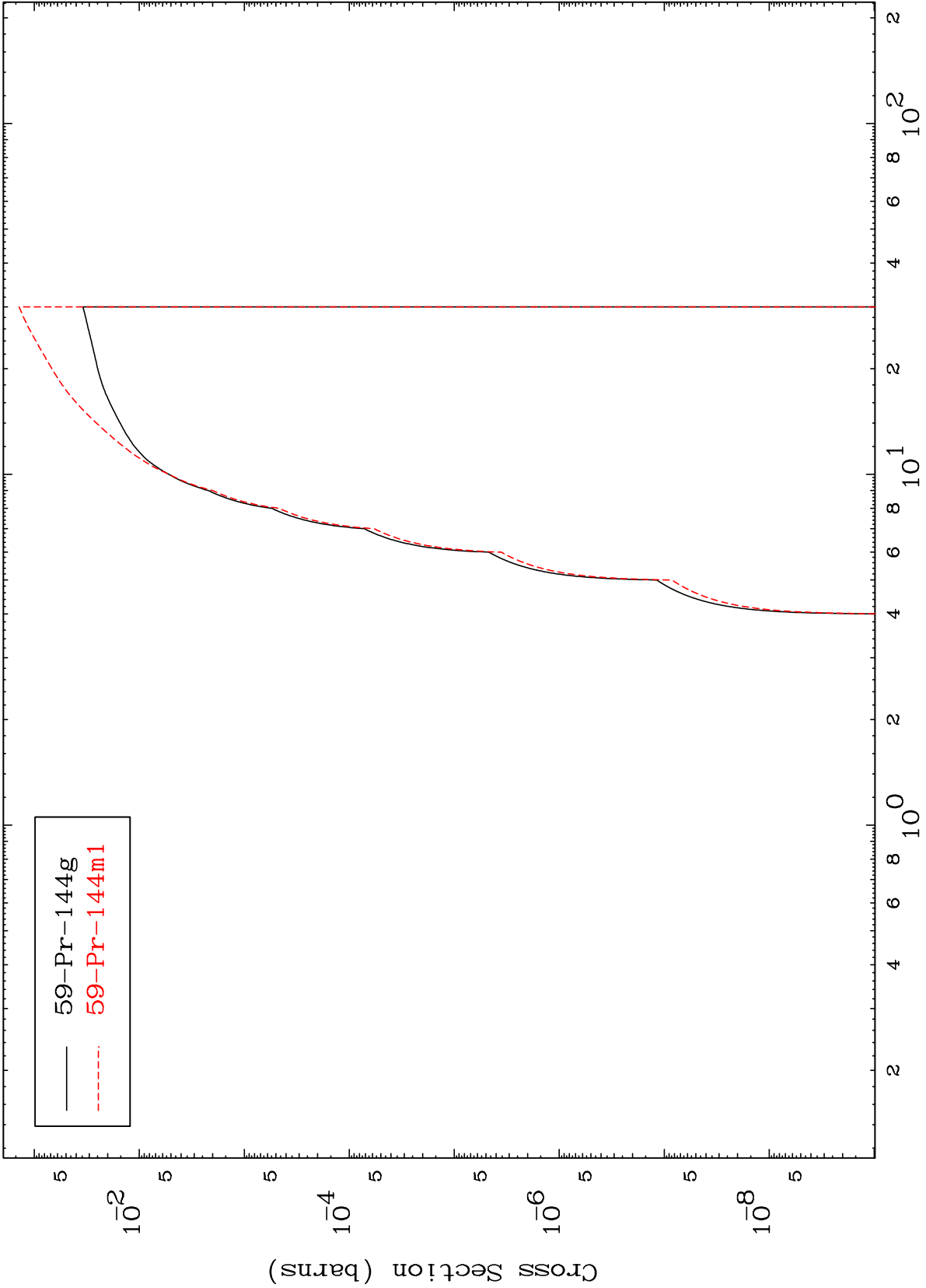
Radionuclide Production Cross Section



MAT 5934

59-Pr-144

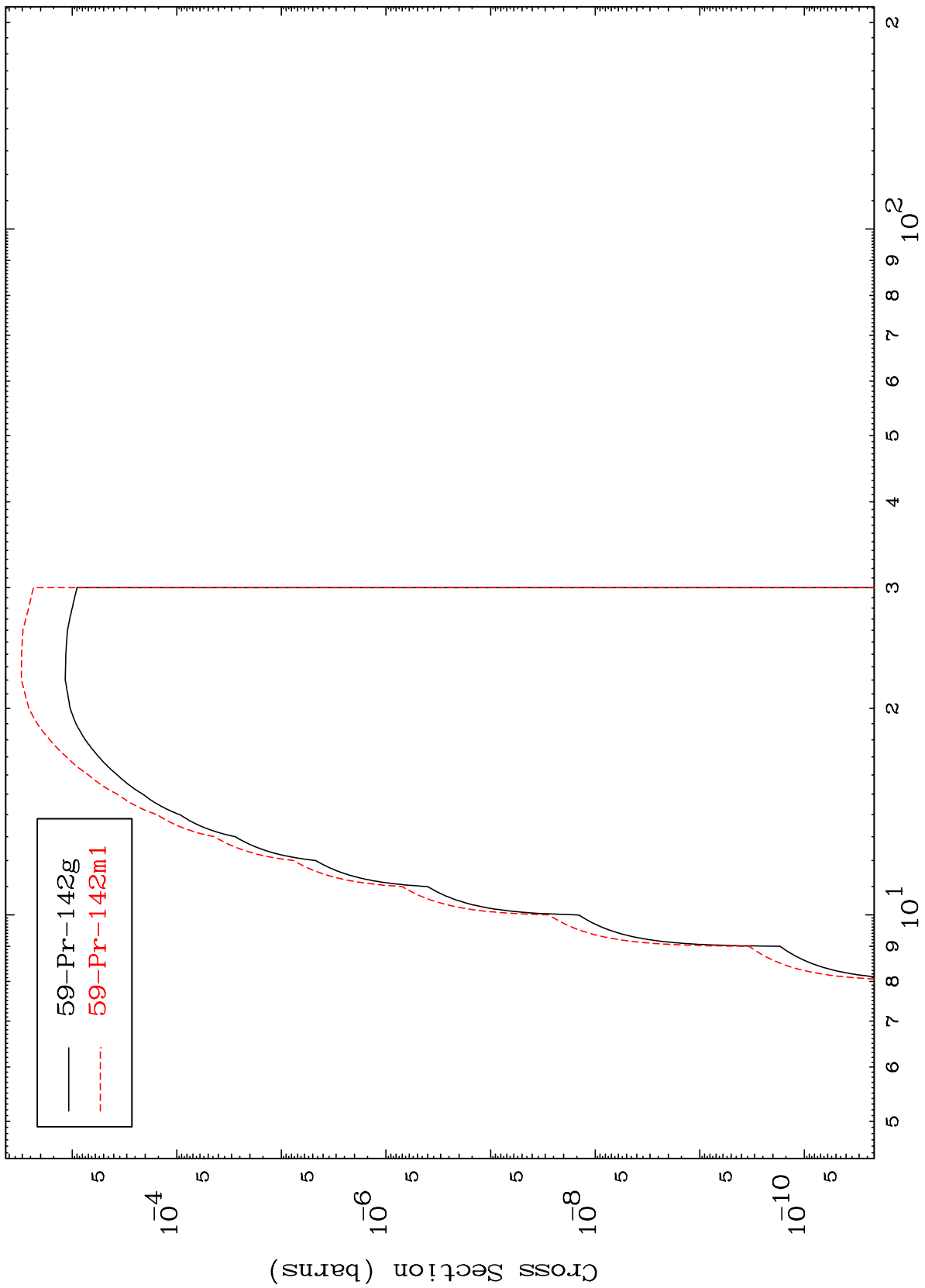
(n,p)
Radionuclide Production Cross Section



MAT 5934

59-Pr-144

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

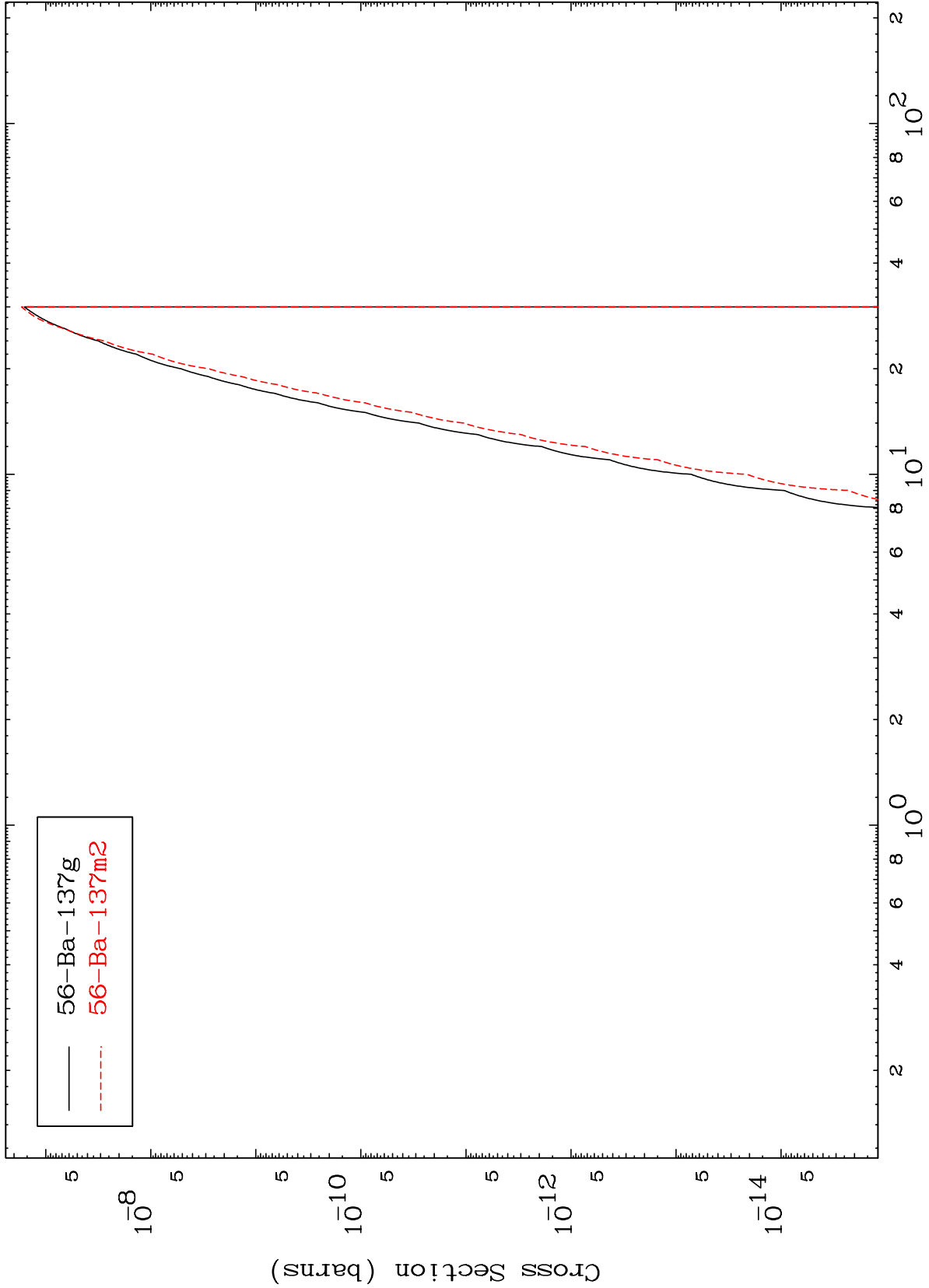
59-Pr-144

MAT 5934

(n,2α)

59-Pr-144

Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2