

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

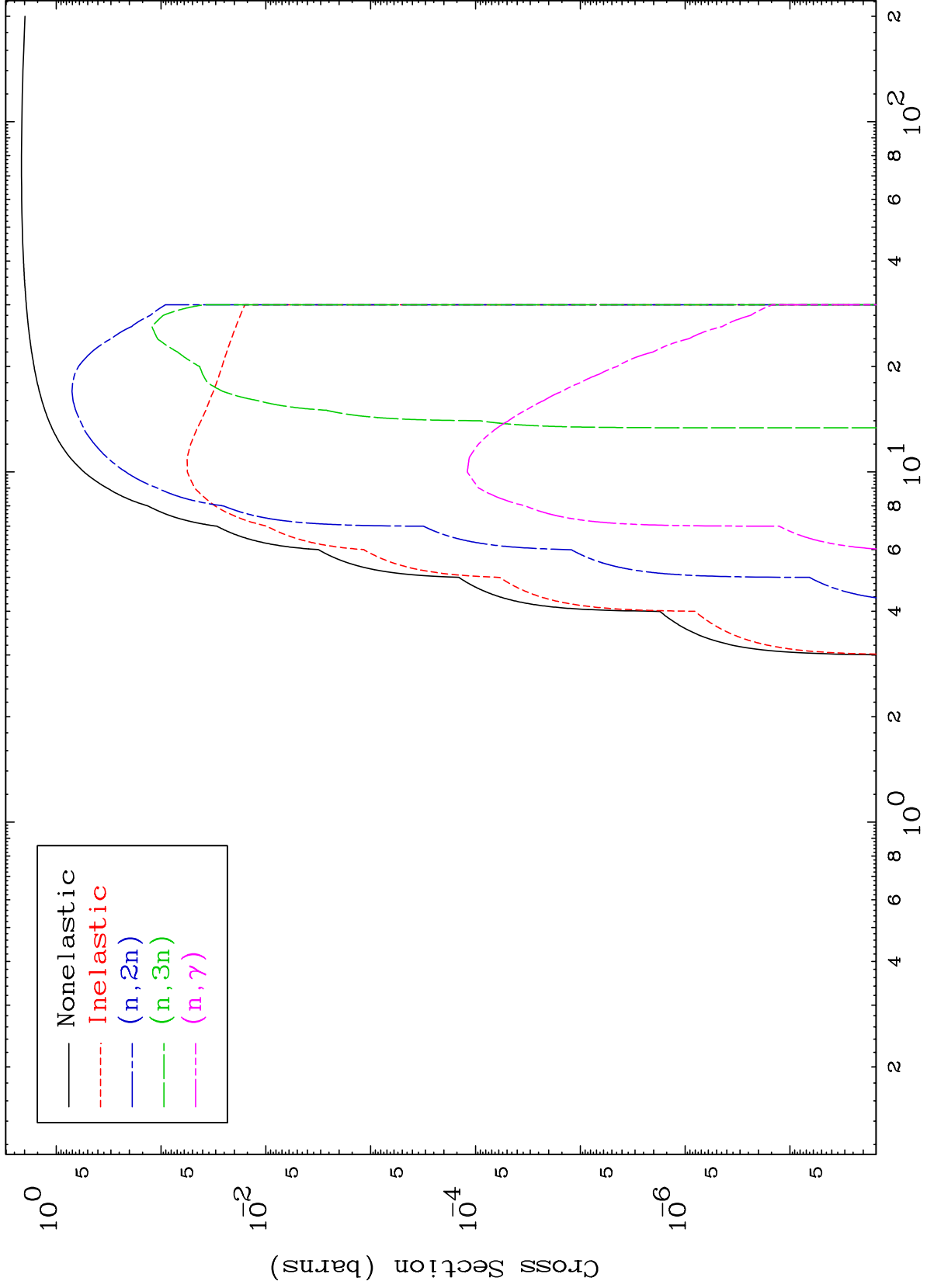
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

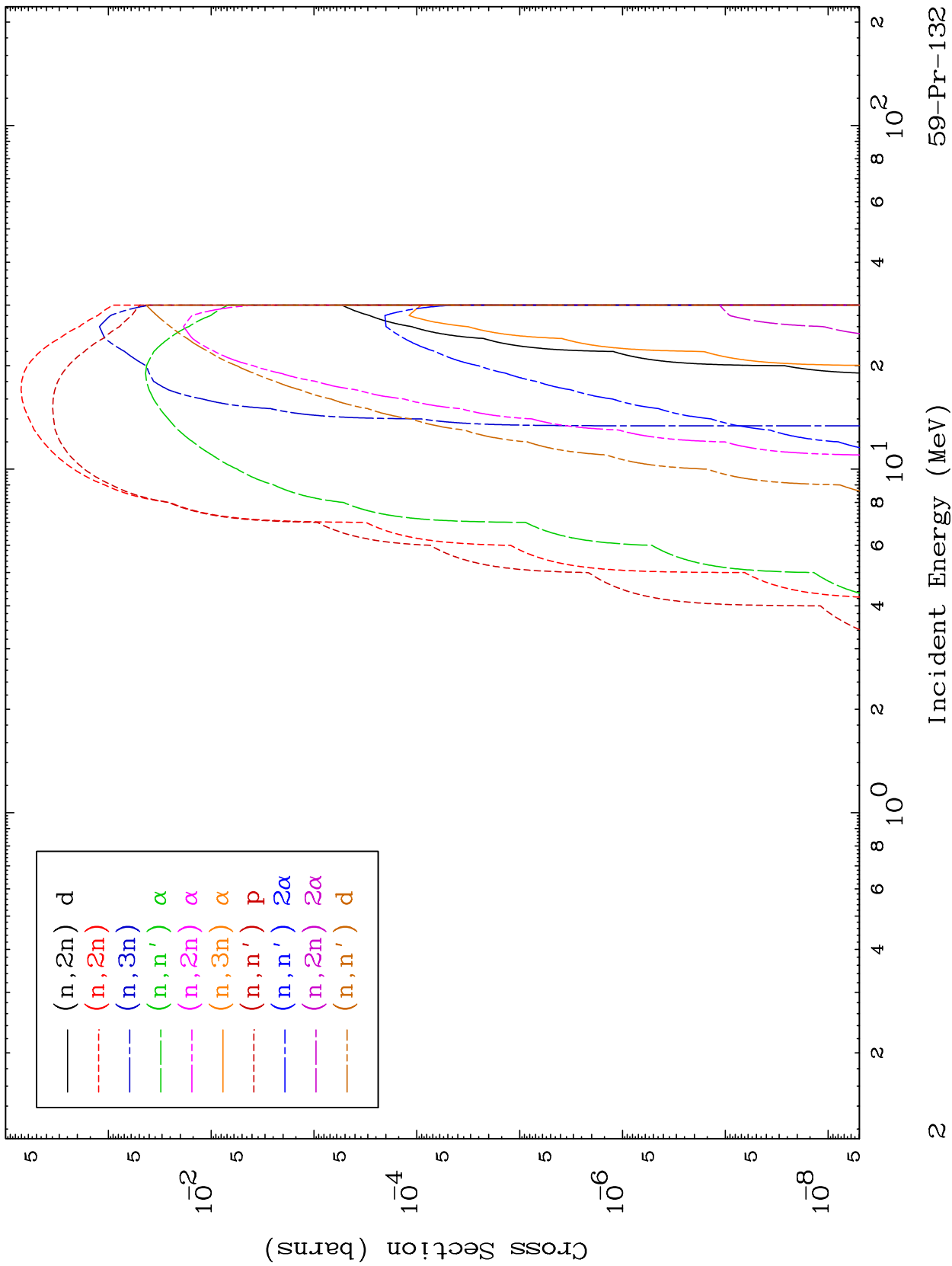
Tele: 925-443-1911

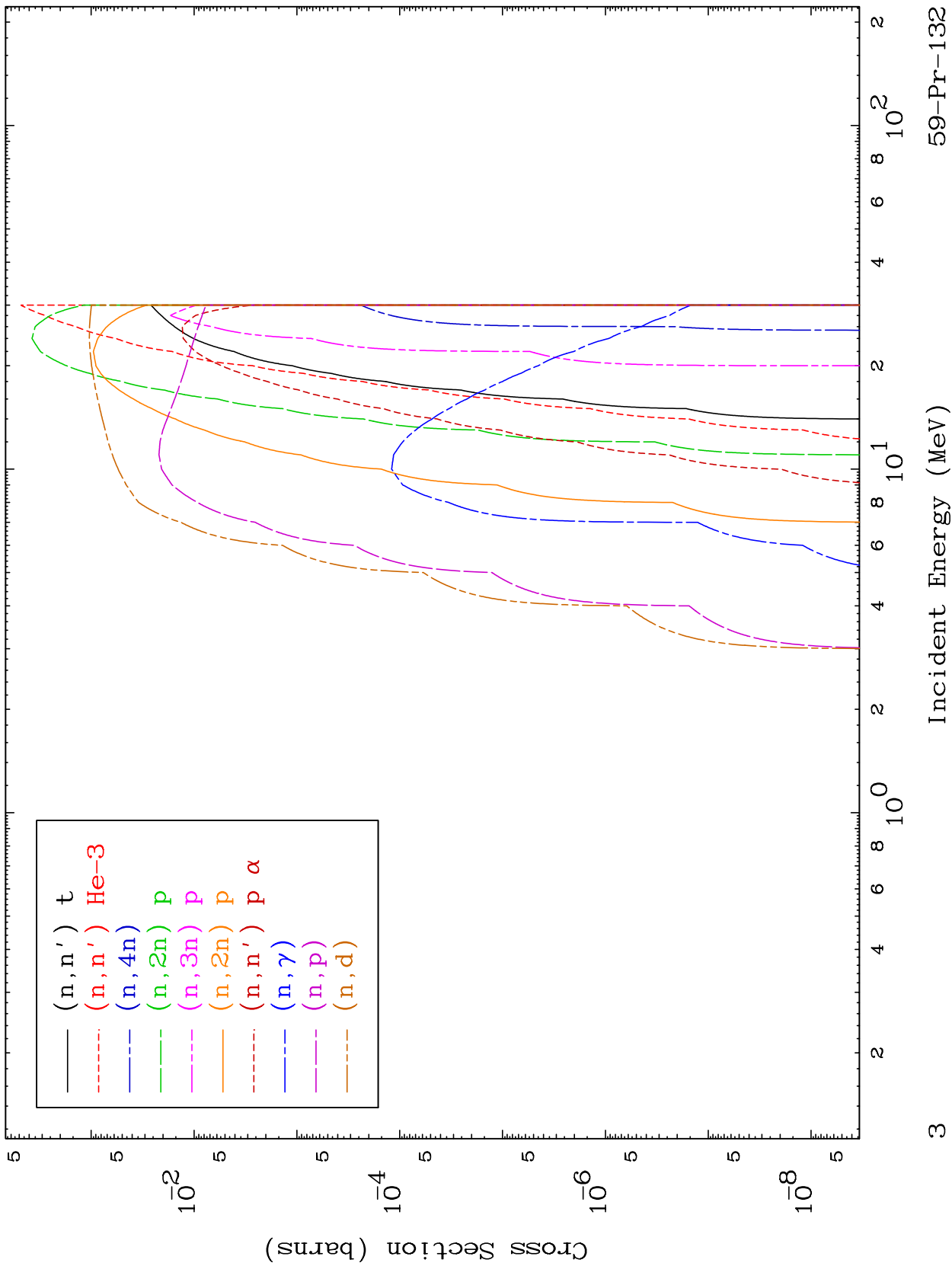
E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



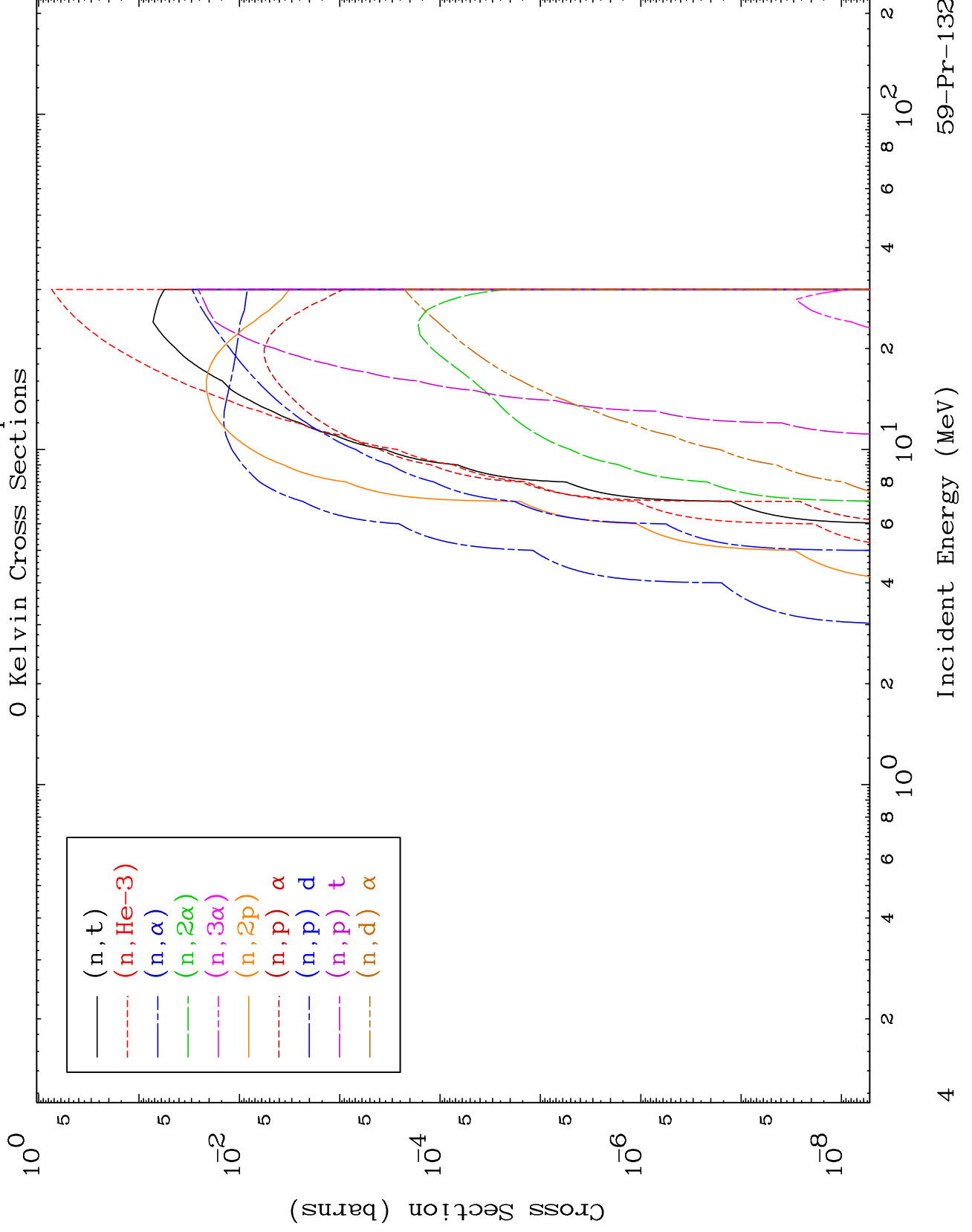


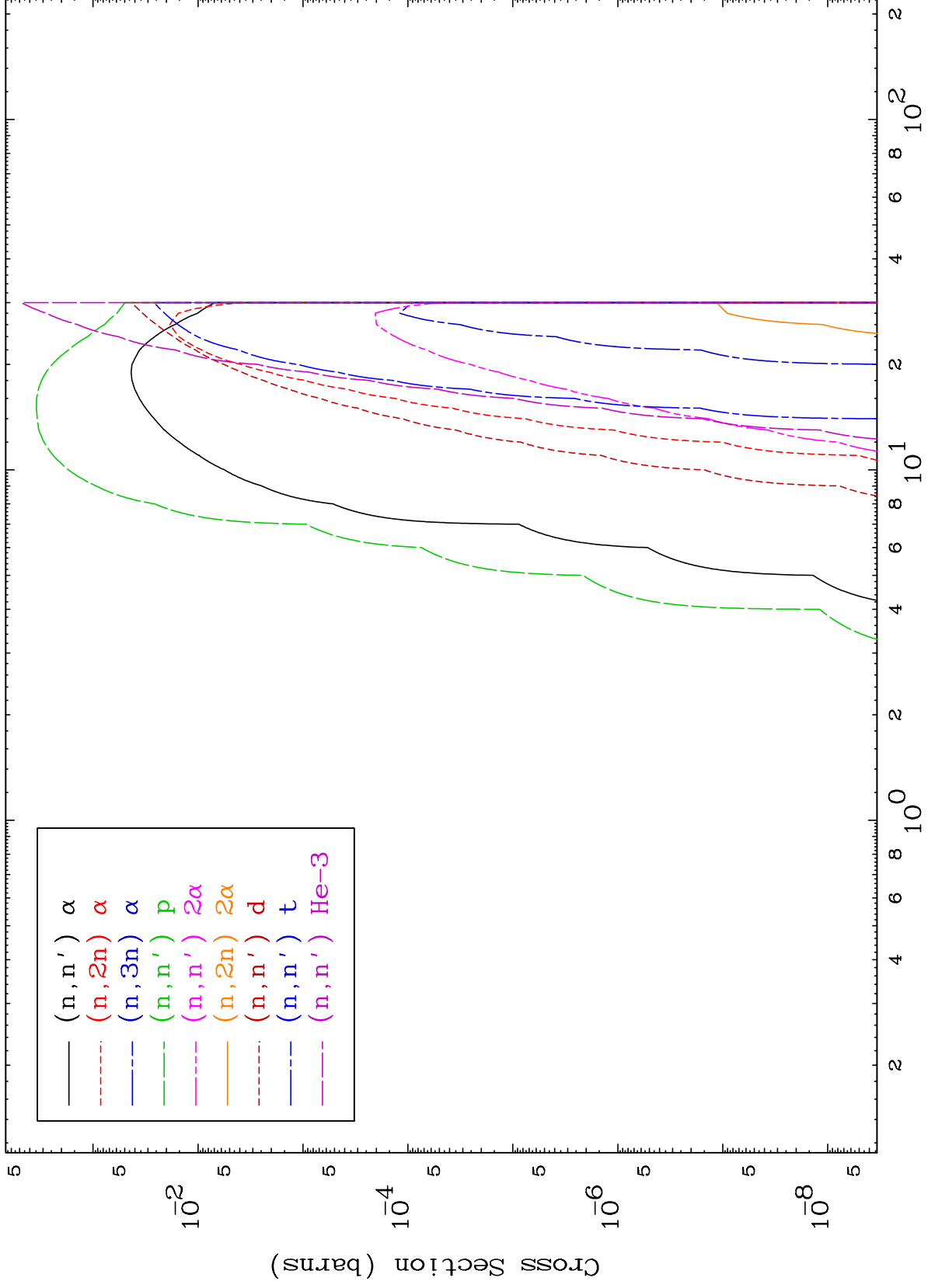


MAT 5898

Triton Neutron Absorption
0 Kelvin Cross Sections

59-Pr-132

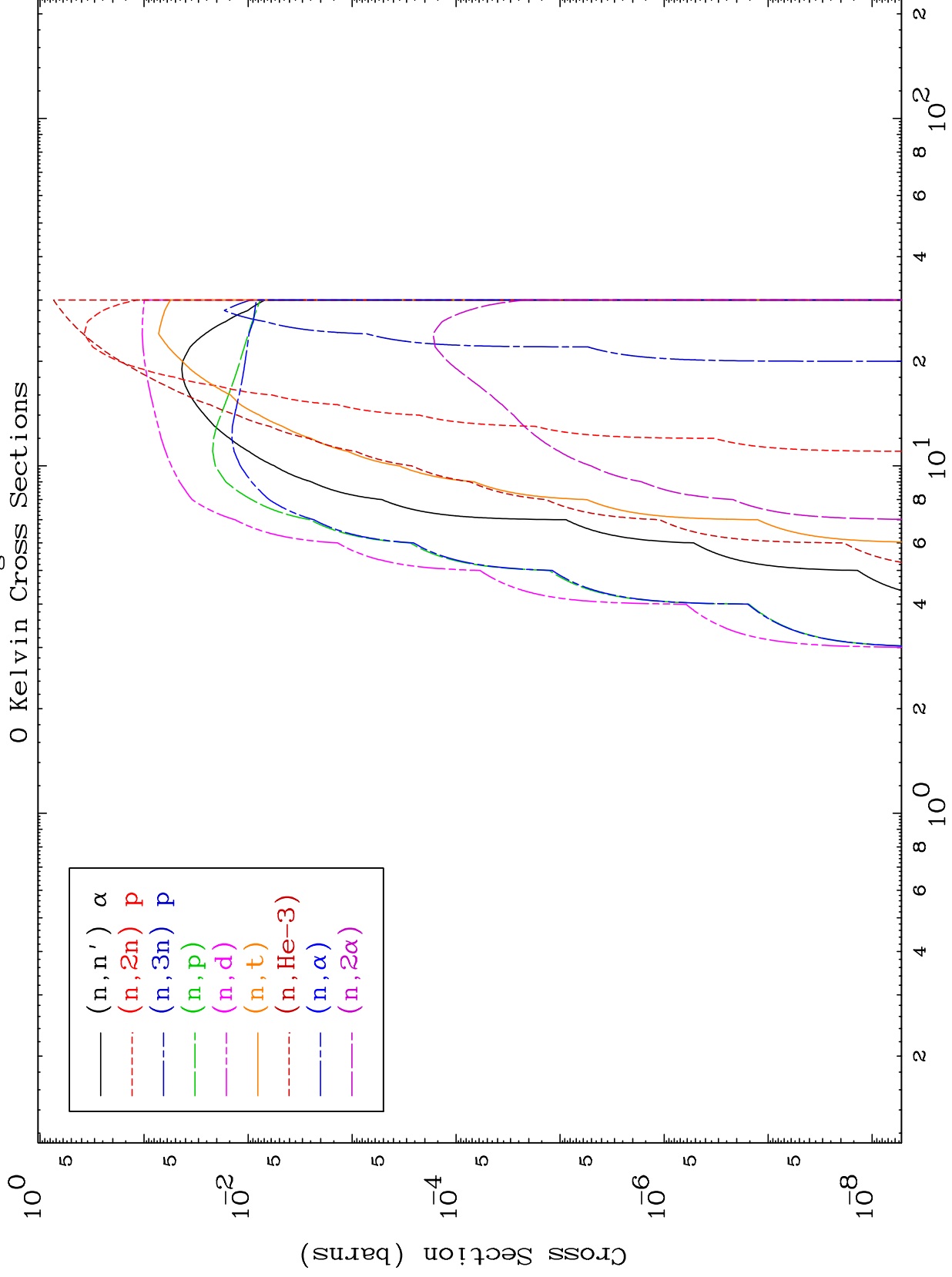


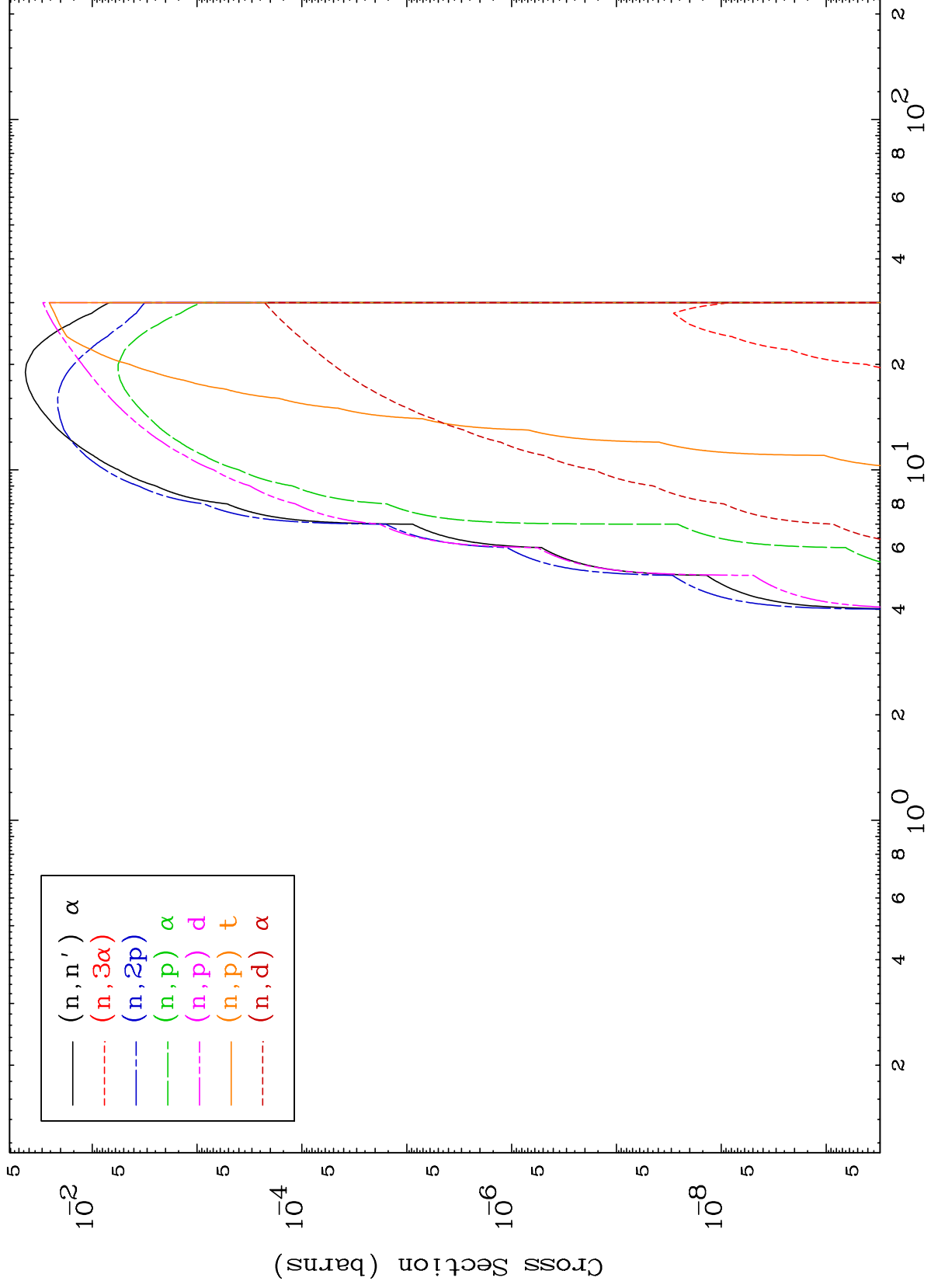


MAT 5898

Triton Charged Particle
0 Kelvin Cross Sections

59-Pr-132

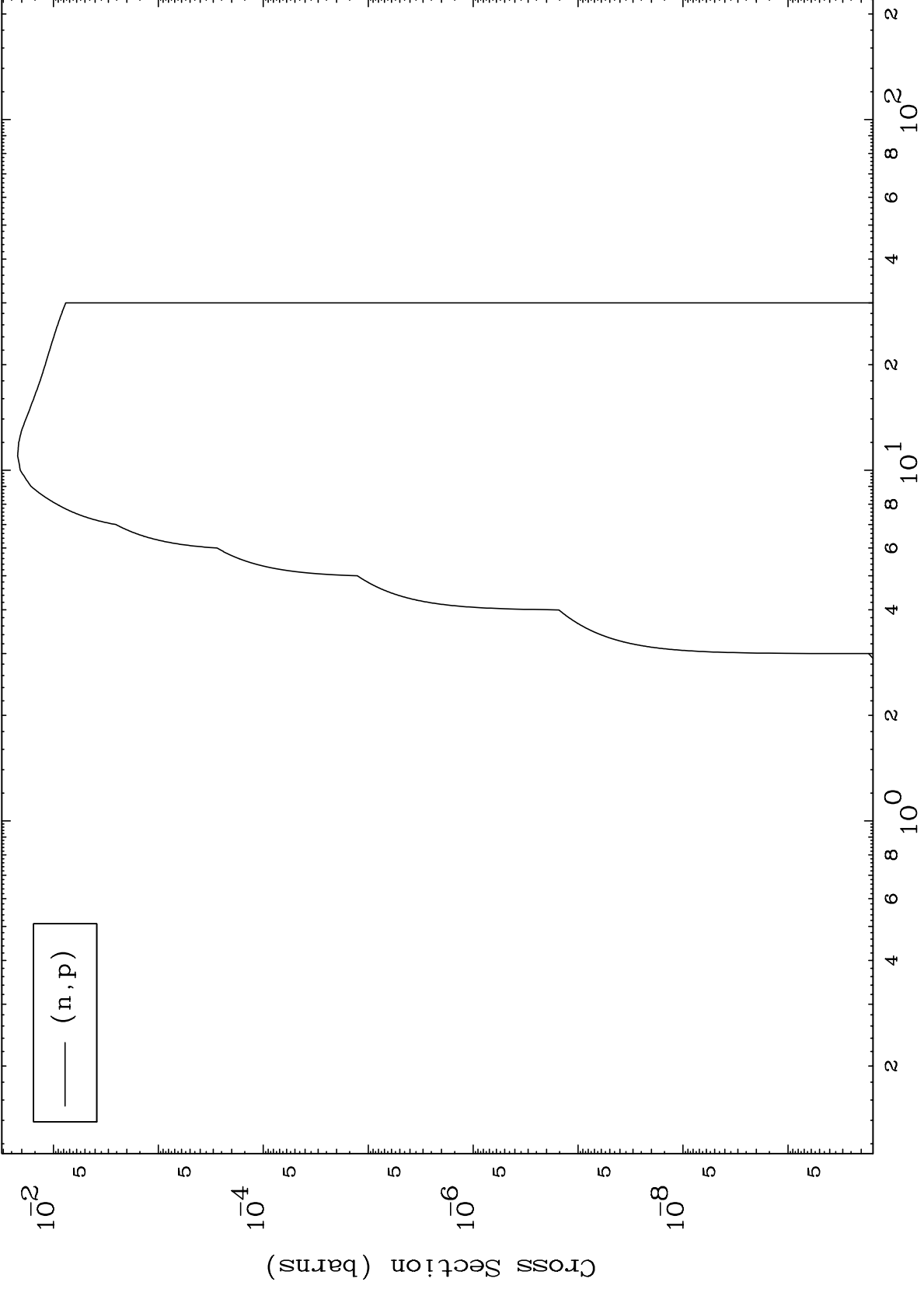




MAT 5898

(t,p) Levels
0 Kelvin Cross Sections

59-Pr-132



8

Incident Energy (MeV)

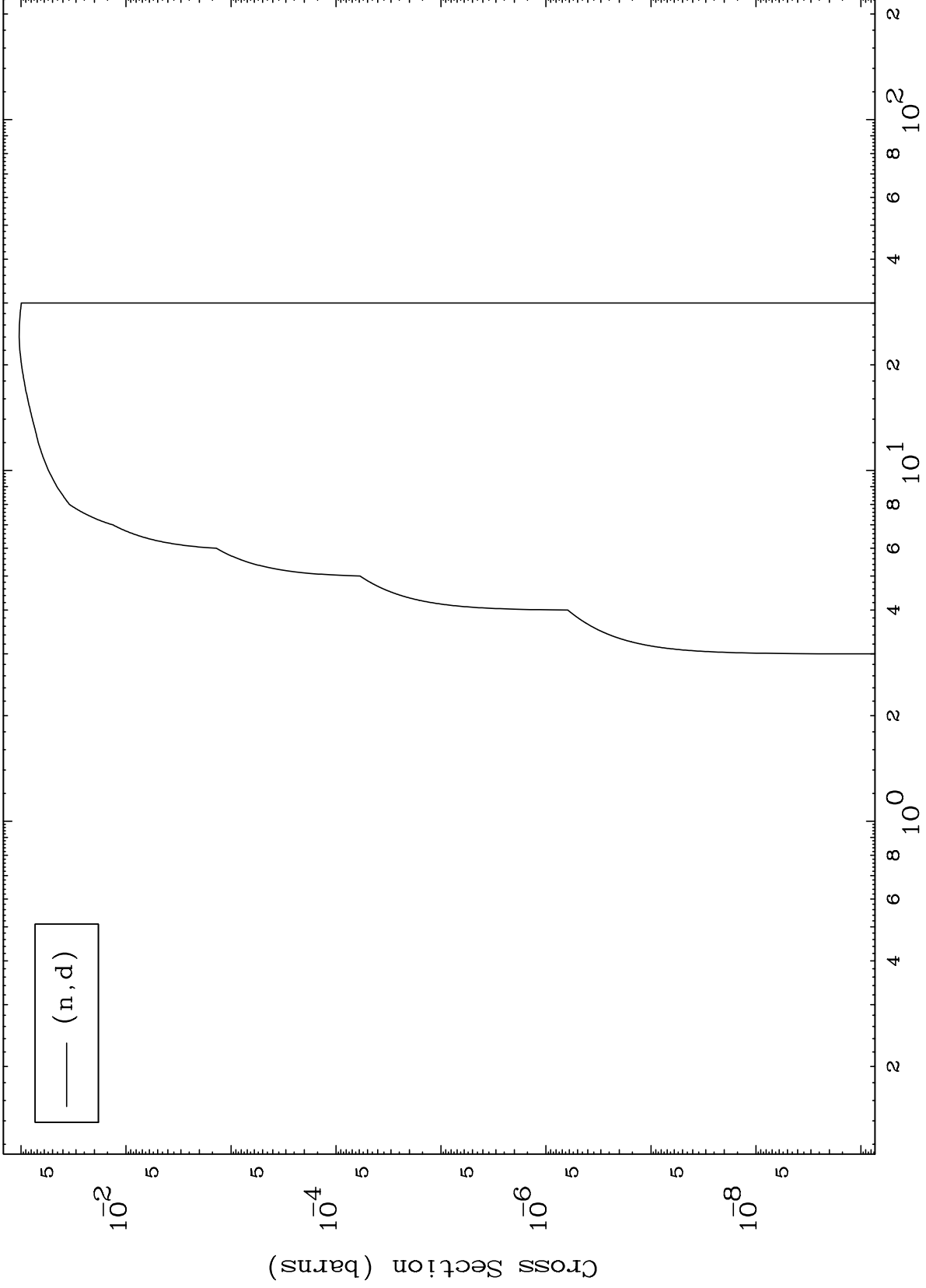
59-Pr-132

MAT 5898

(t, d) Levels

59-Pr-132

0 Kelvin Cross Sections

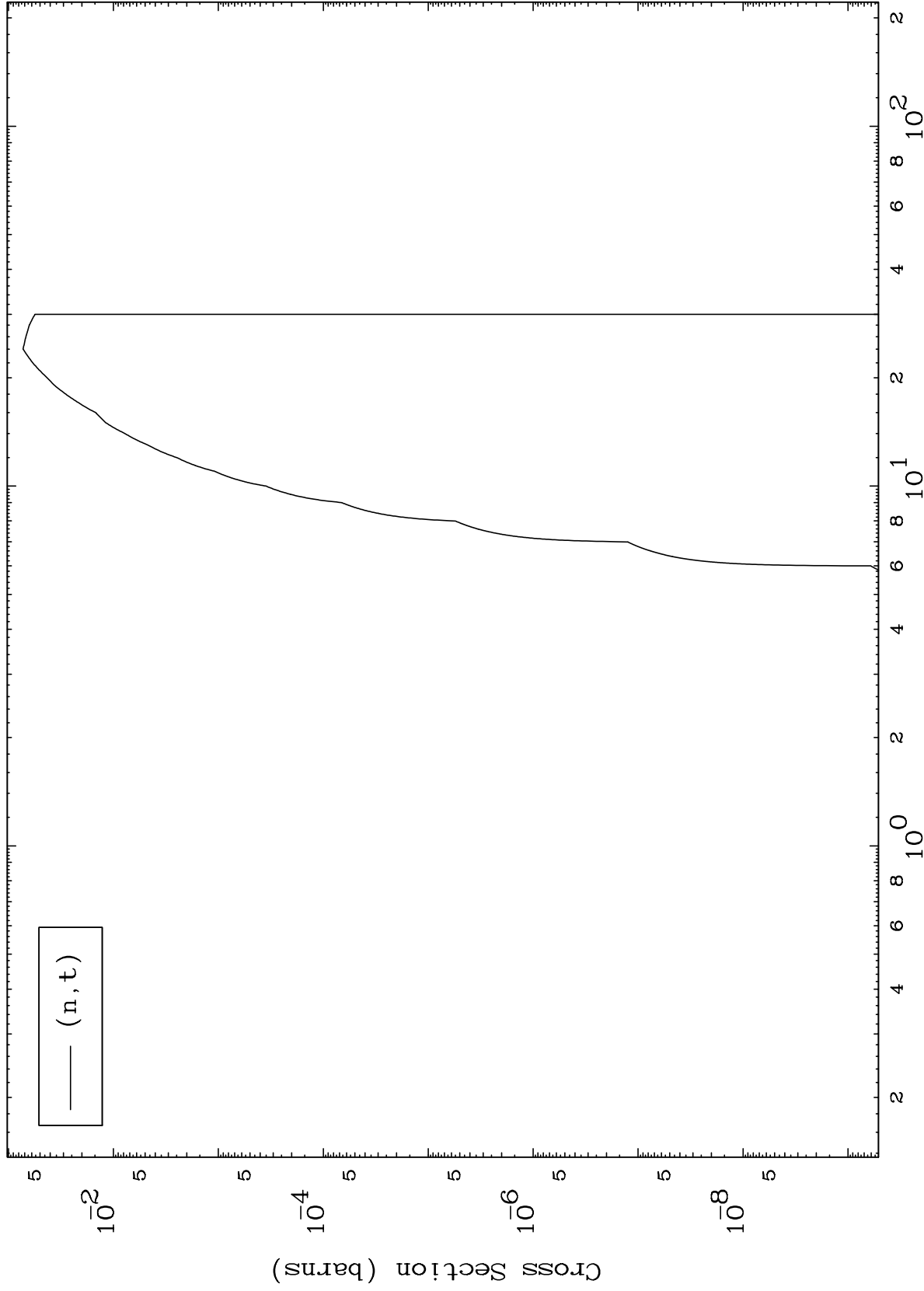


MAT 5898

(t, t) Levels

59-Pr-132

0 Kelvin Cross Sections



10

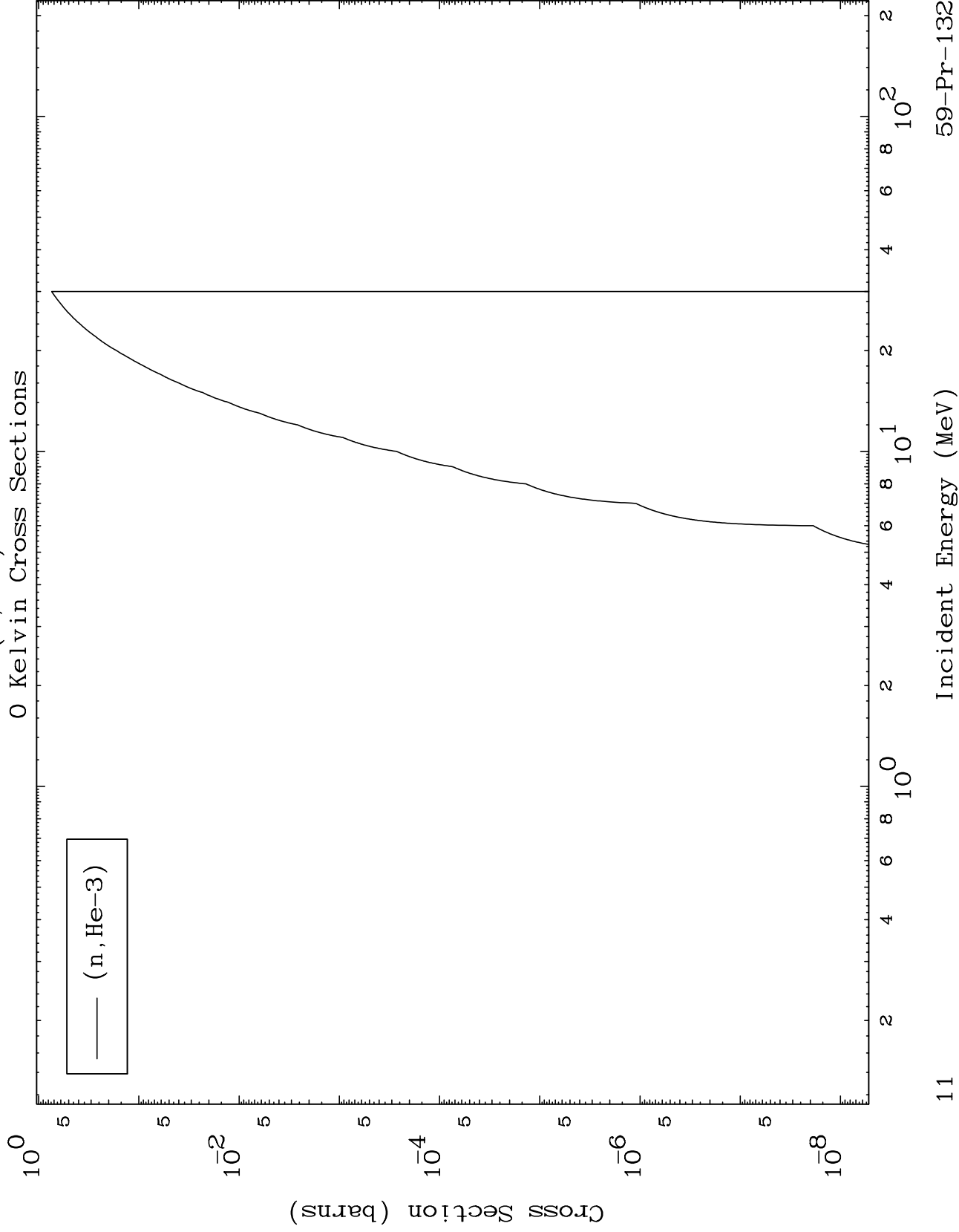
Incident Energy (MeV)

59-Pr-132

MAT 5898

(t,He3) Levels

59-Pr-132

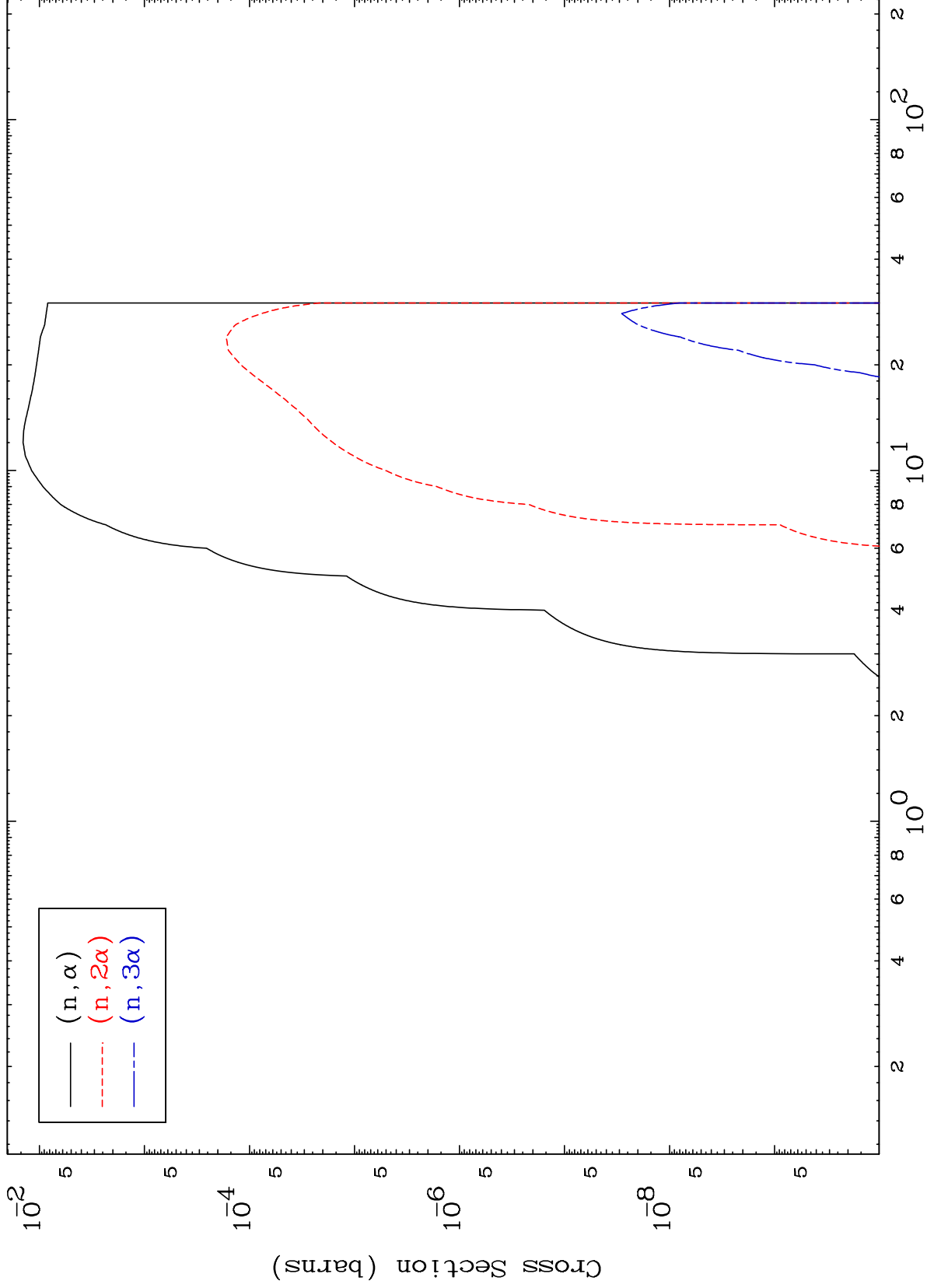


MAT 5898

(t, α) Levels

59-Pr-132

0 Kelvin Cross Sections



12

Incident Energy (MeV)

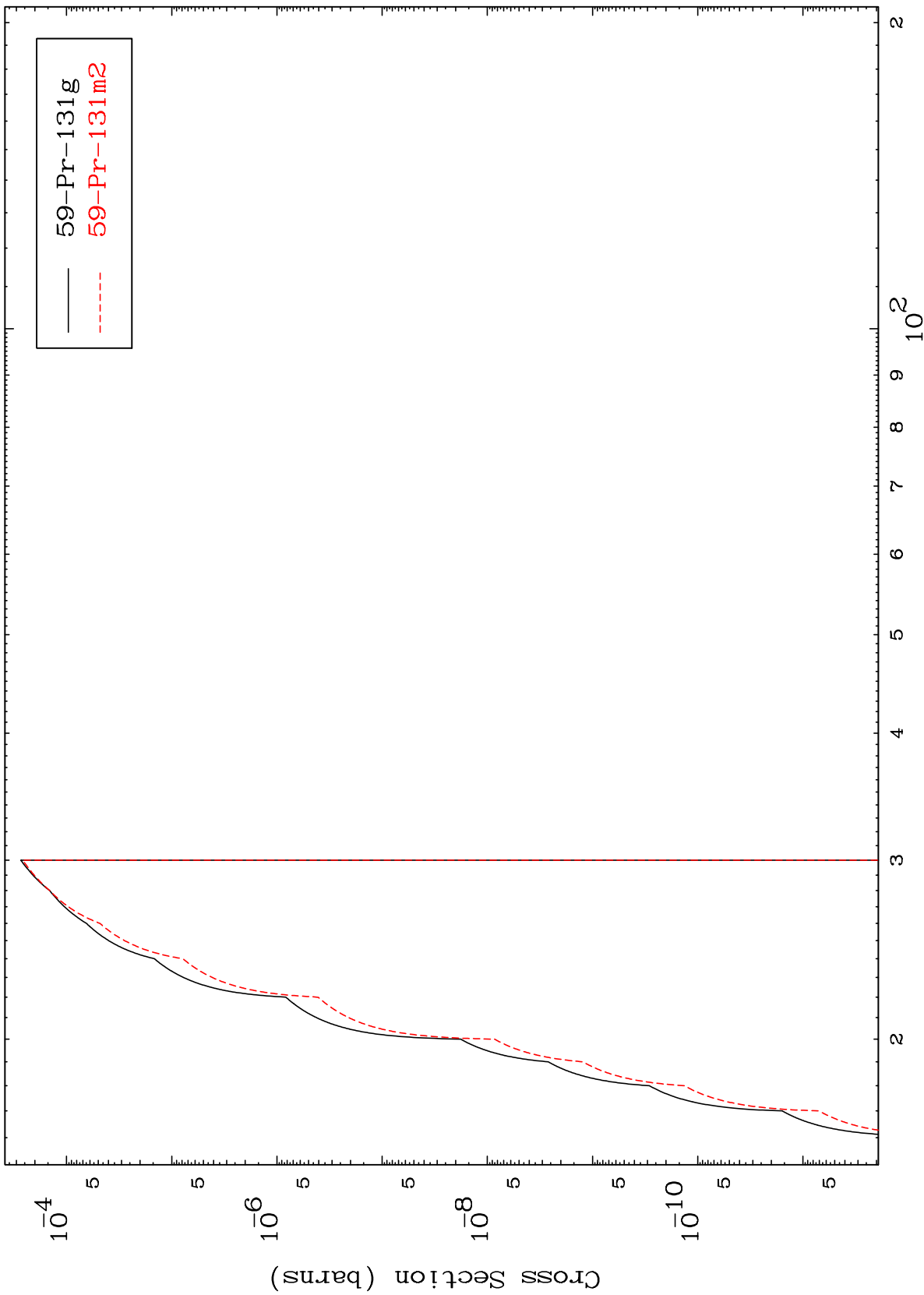
59-Pr-132

MAT 5898

(n,2n) d

59-Pr-132

Radionuclide Production Cross Section



13

Incident Energy (MeV)

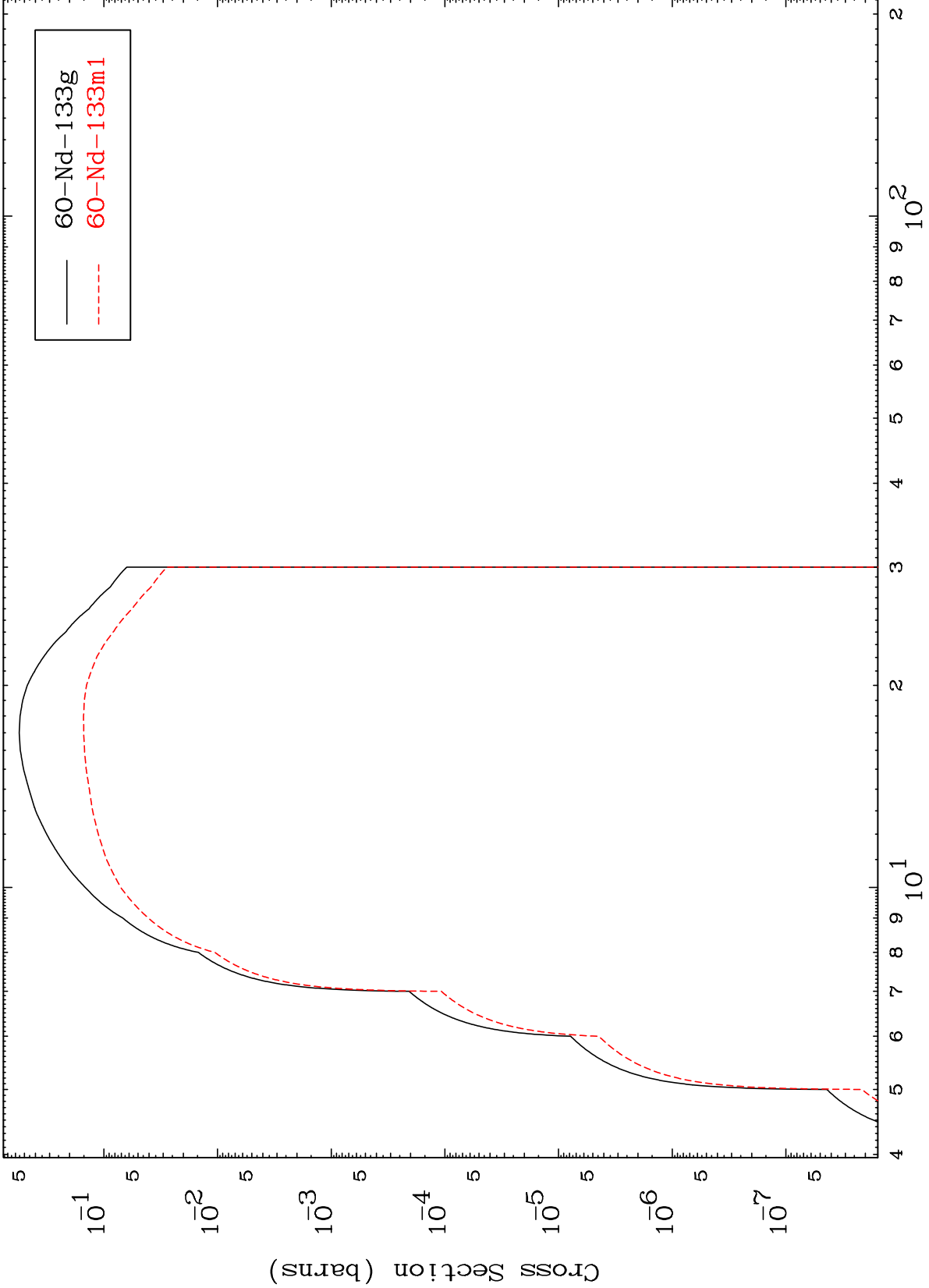
59-Pr-132

MAT 5898

(n,2n)

59-Pr-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

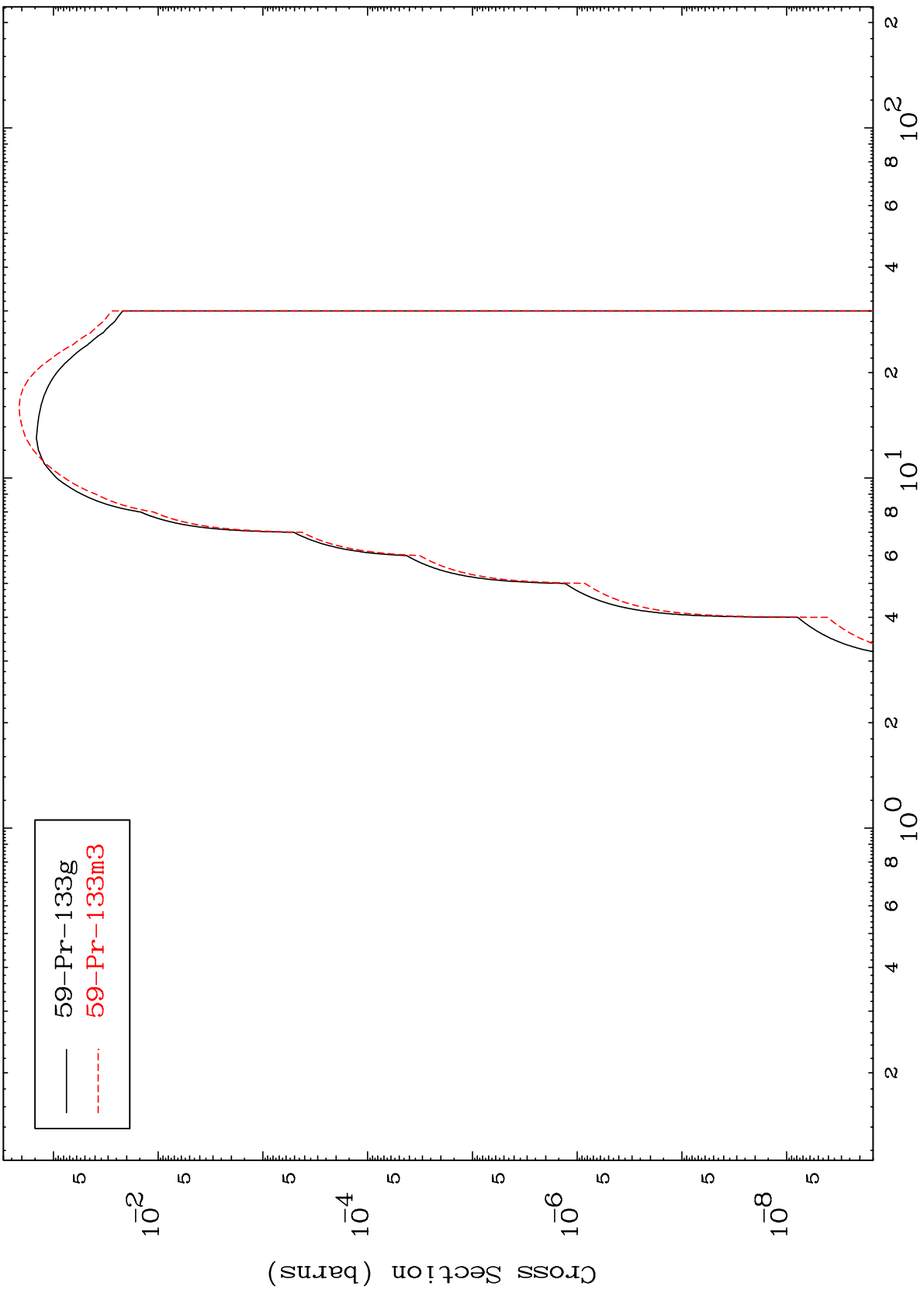
59-Pr-132

MAT 5898

(n,n') p

59-Pr-132

Radionuclide Production Cross Section



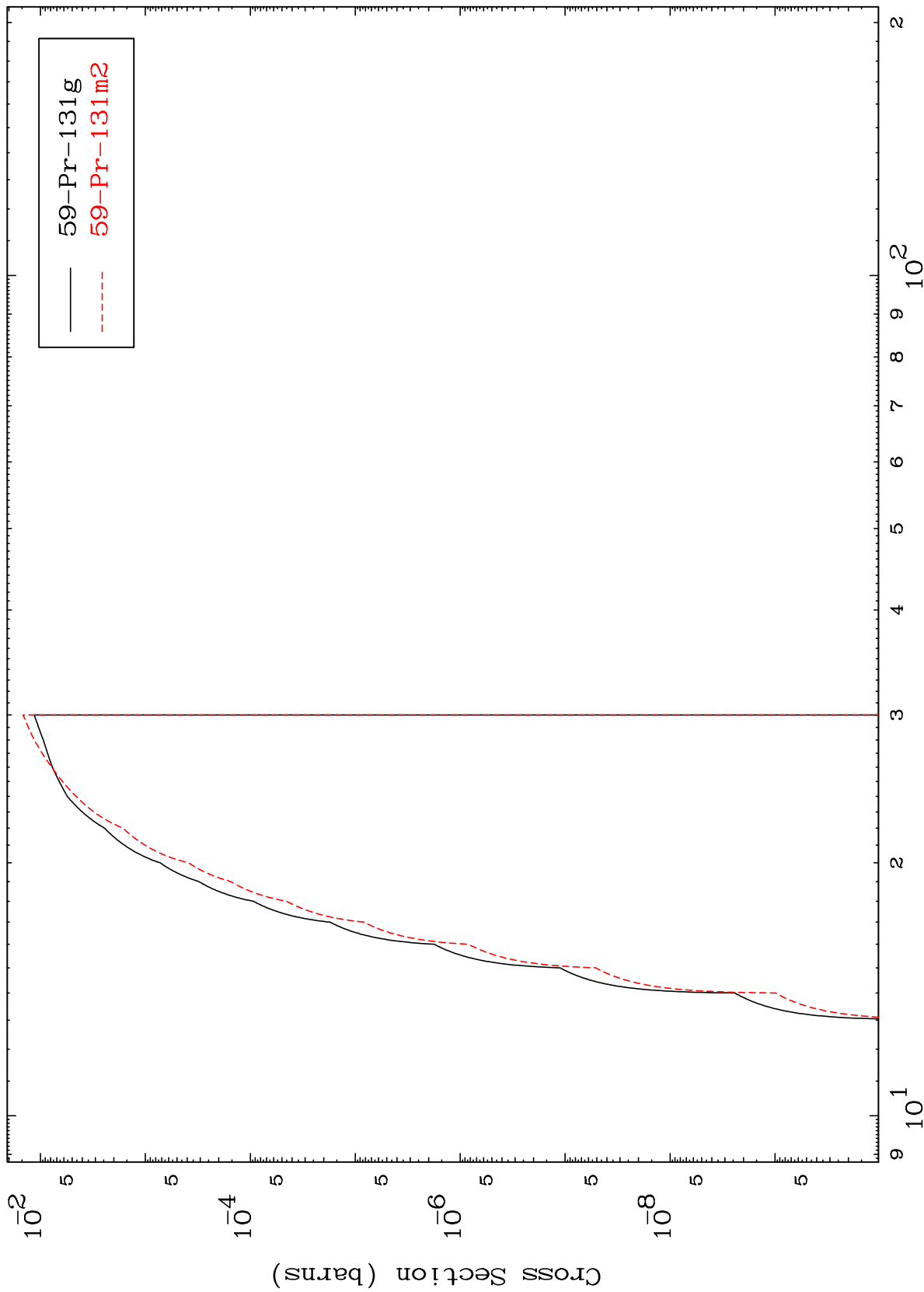
59-Pr-133g
59-Pr-133m3

MAT 5898

(n,n') t

59-Pr-132

Radionuclide Production Cross Section



Incident Energy (MeV)

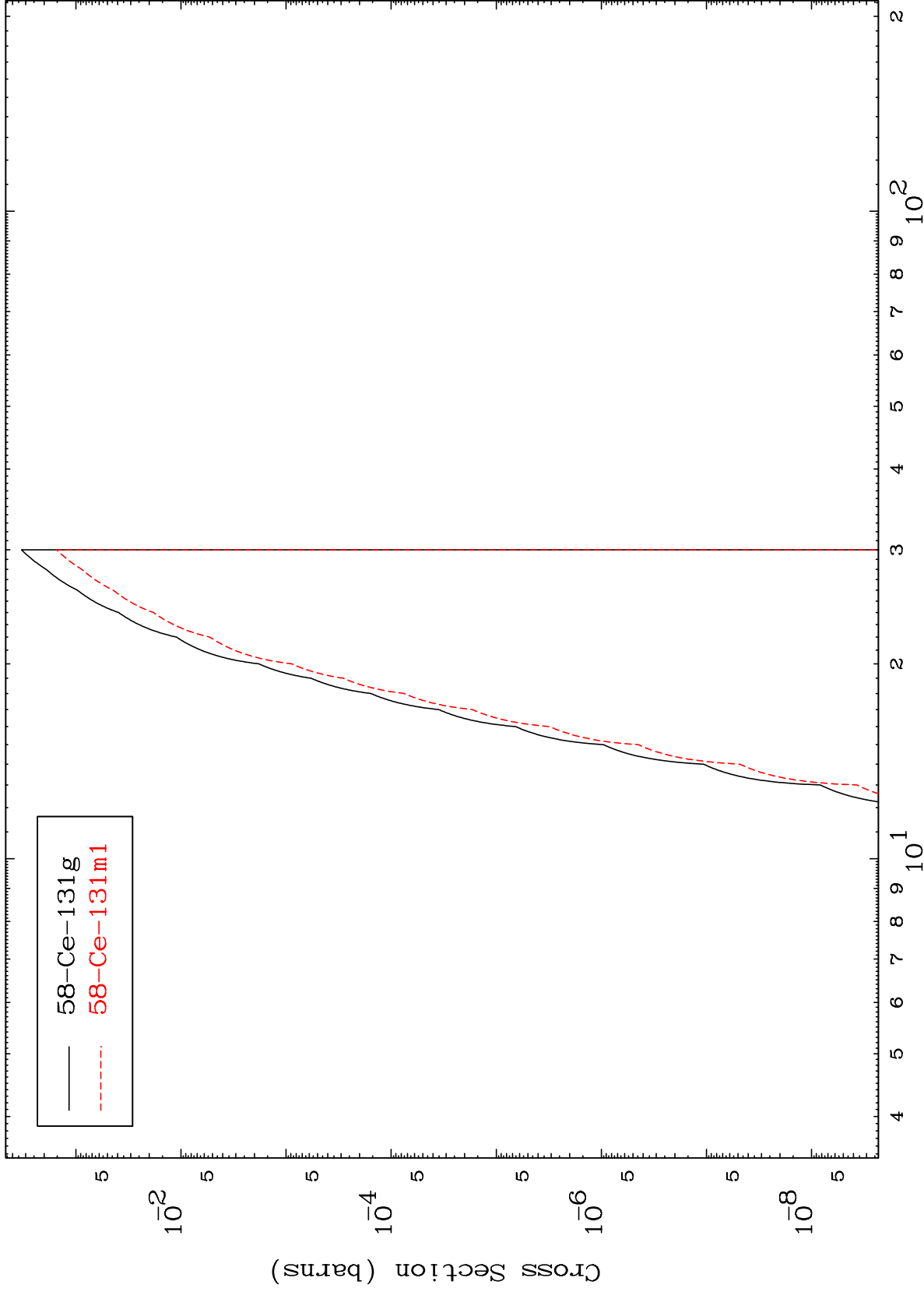
59-Pr-132

MAT 5898

(n,n') He-3

59-Pr-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

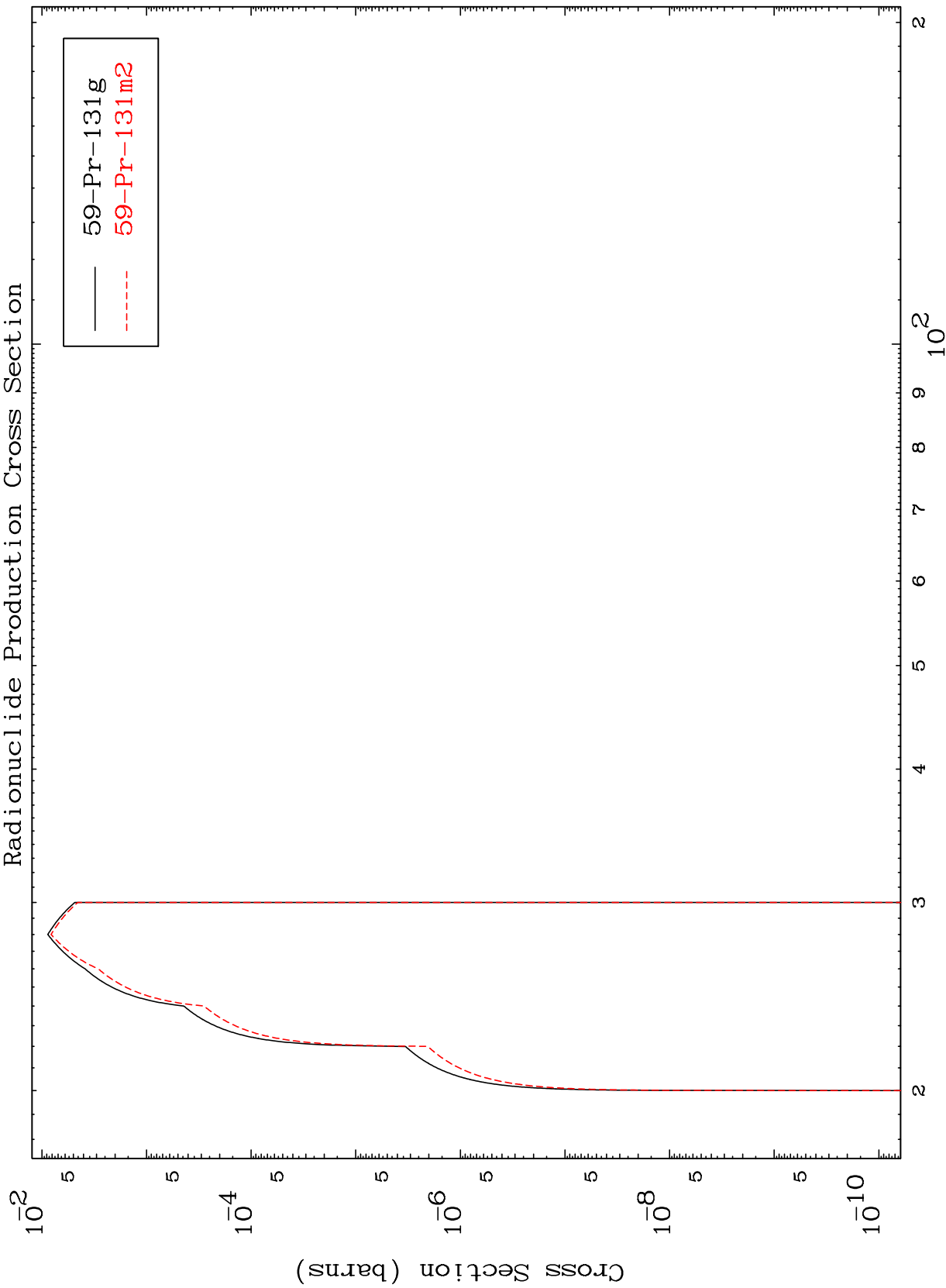
59-Pr-132

MAT 5898

(n,3n) p

59-Pr-132

Radionuclide Production Cross Section



18

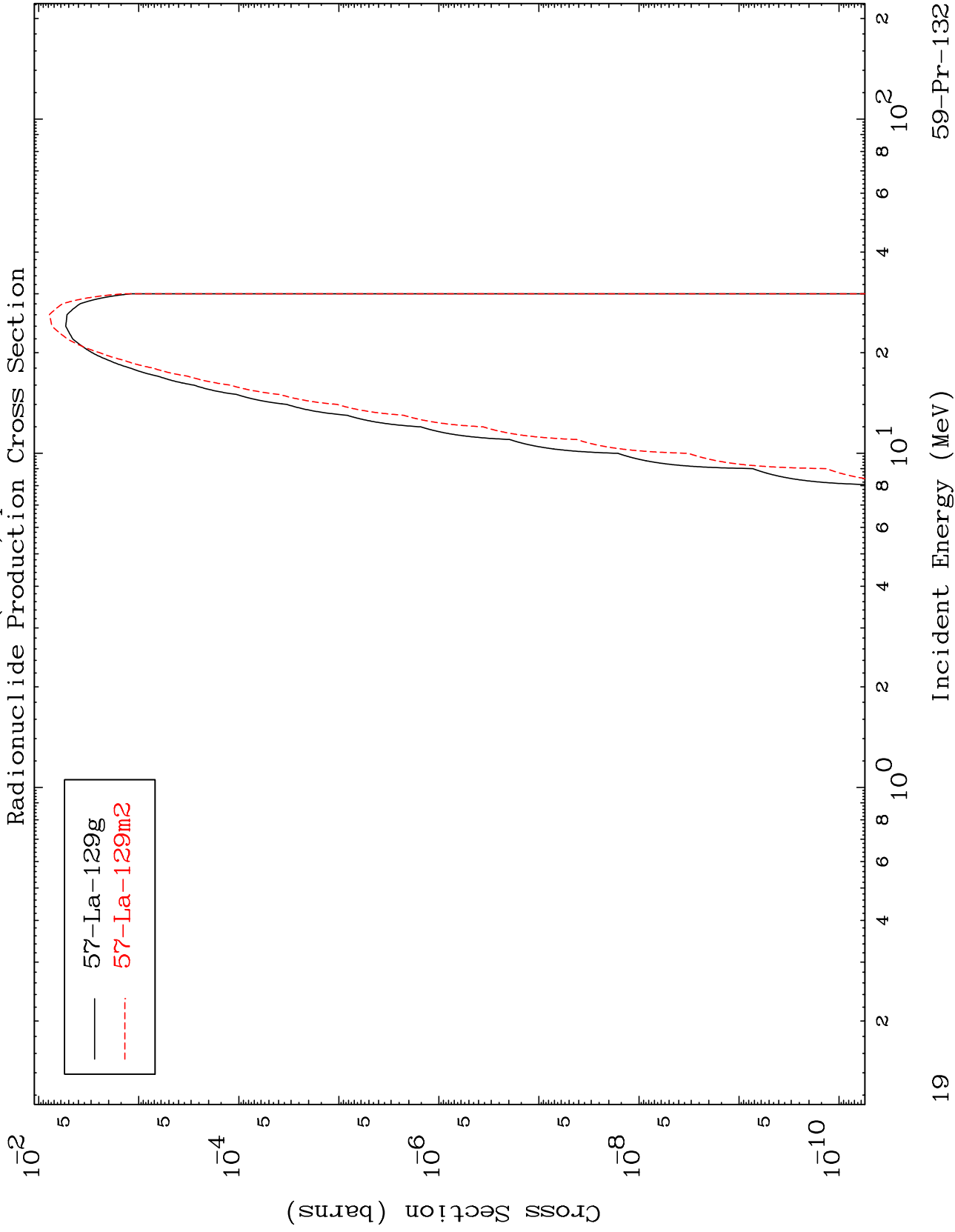
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,n') p α

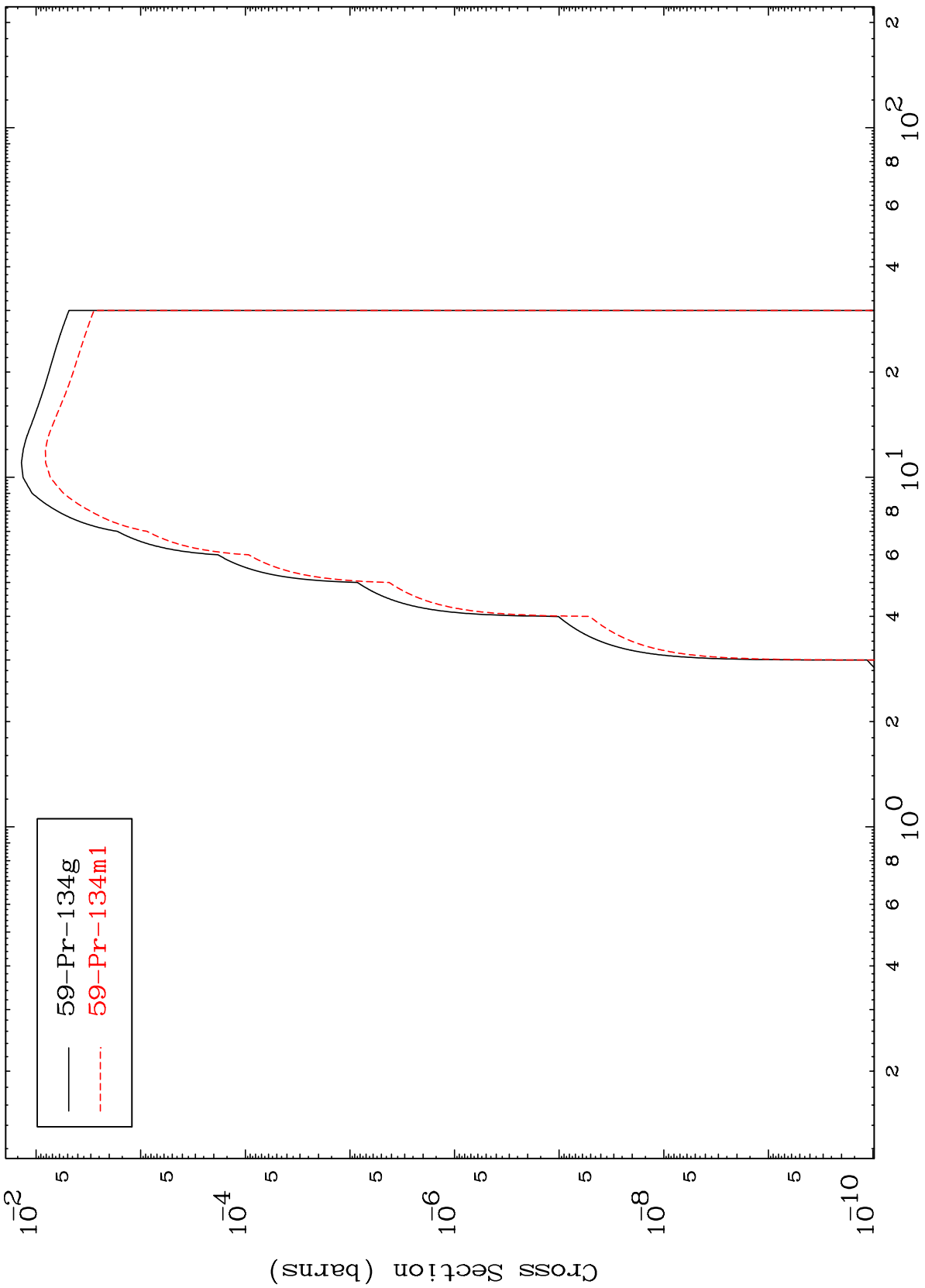
59-Pr-132



MAT 5898

59-Pr-132

(n,p)
Radionuclide Production Cross Section



20

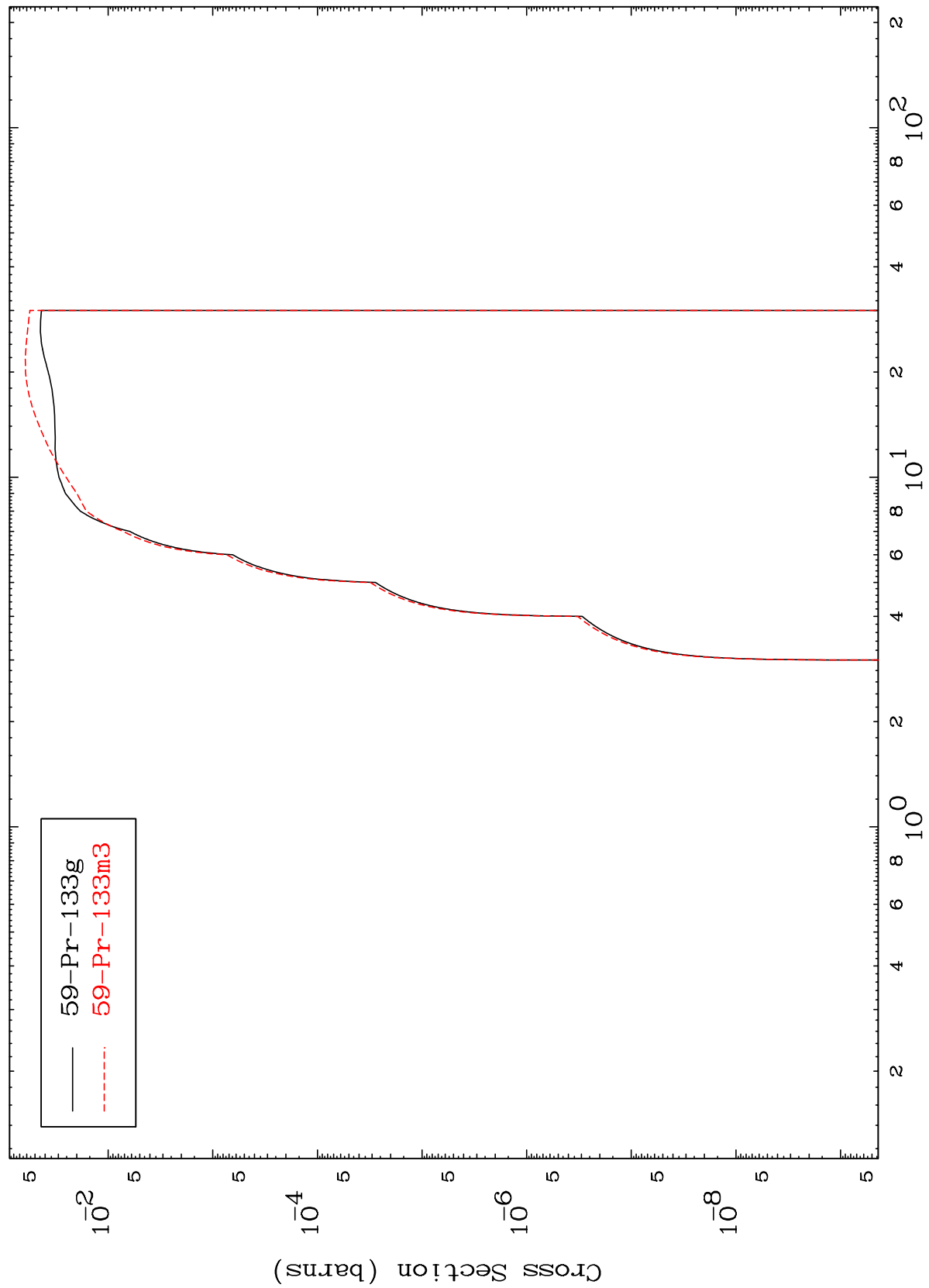
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

(n,d)
Radionuclide Production Cross Section

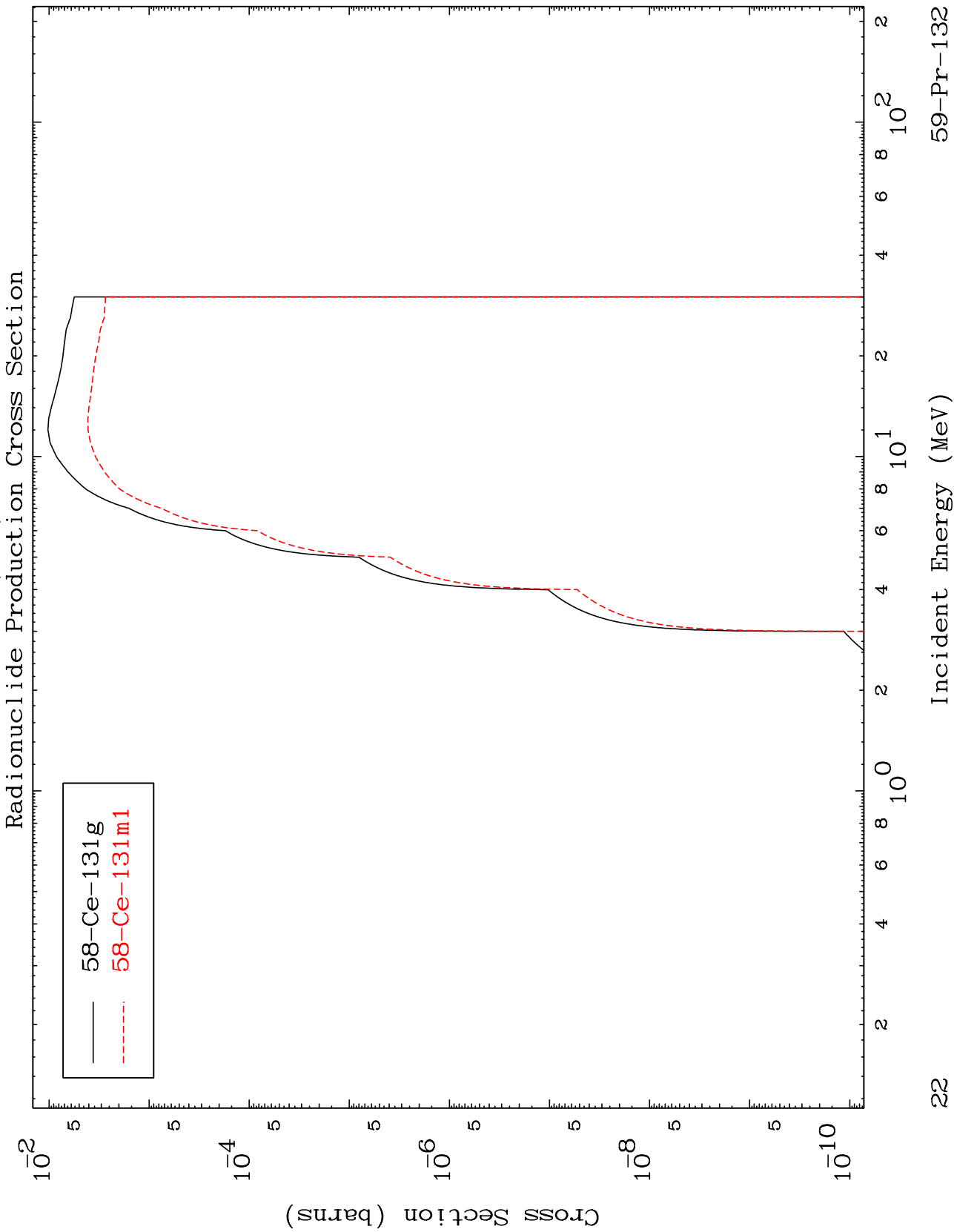


59-Pr-132

Incident Energy (MeV)

MAT 5898

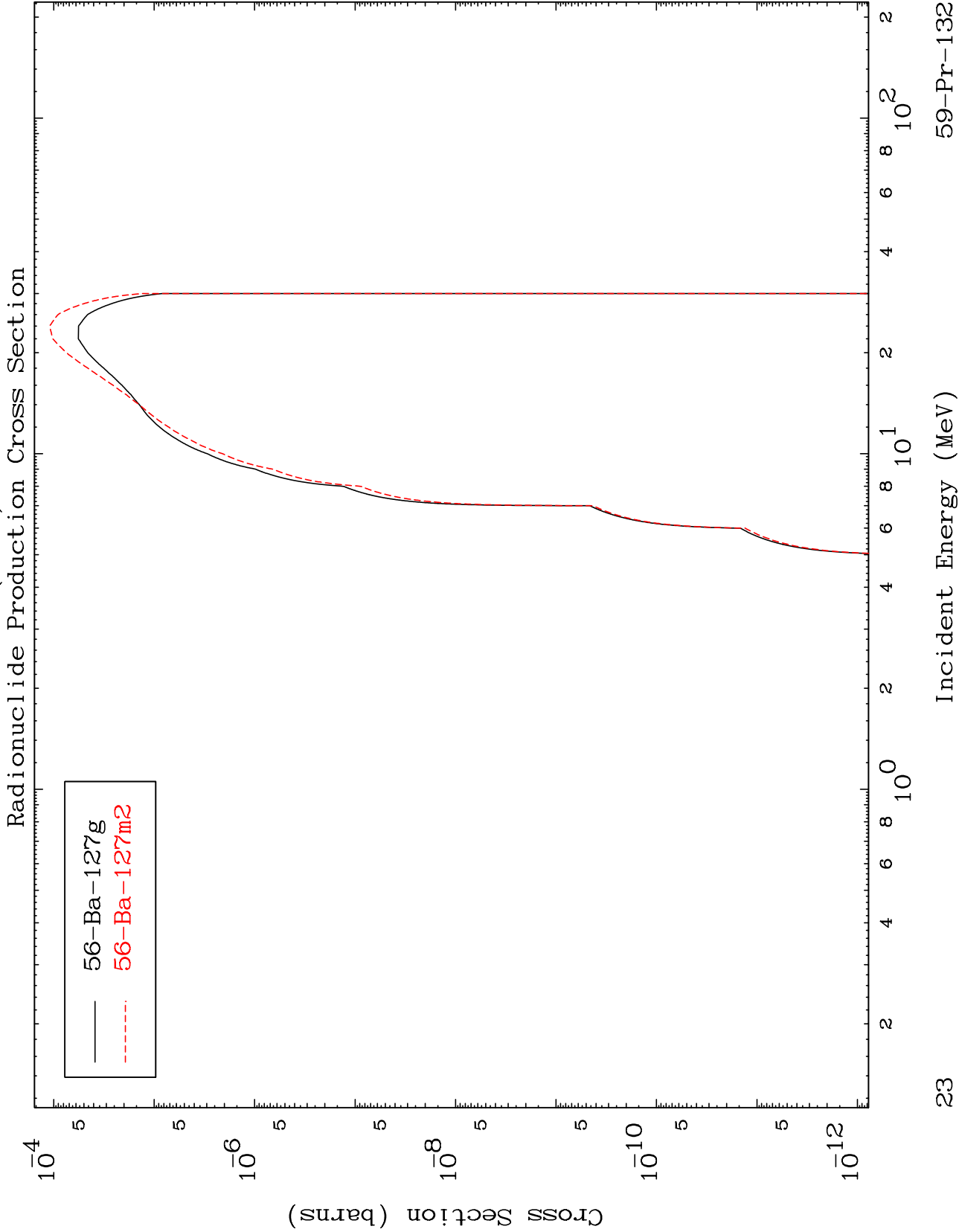
59-Pr-132



MAT 5898

(n,2α)

59-Pr-132

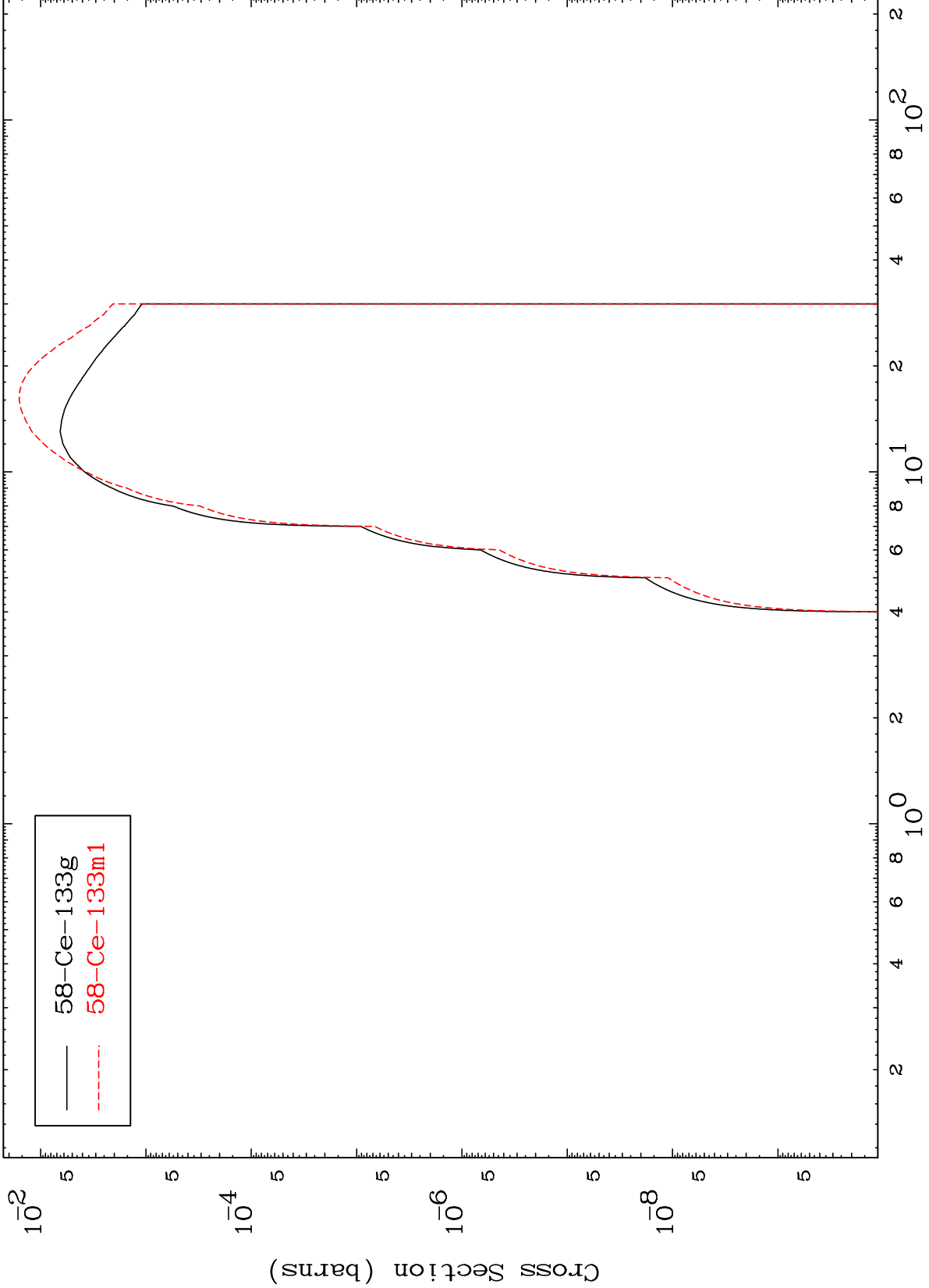


MAT 5898

(n,2p)

59-Pr-132

Radionuclide Production Cross Section



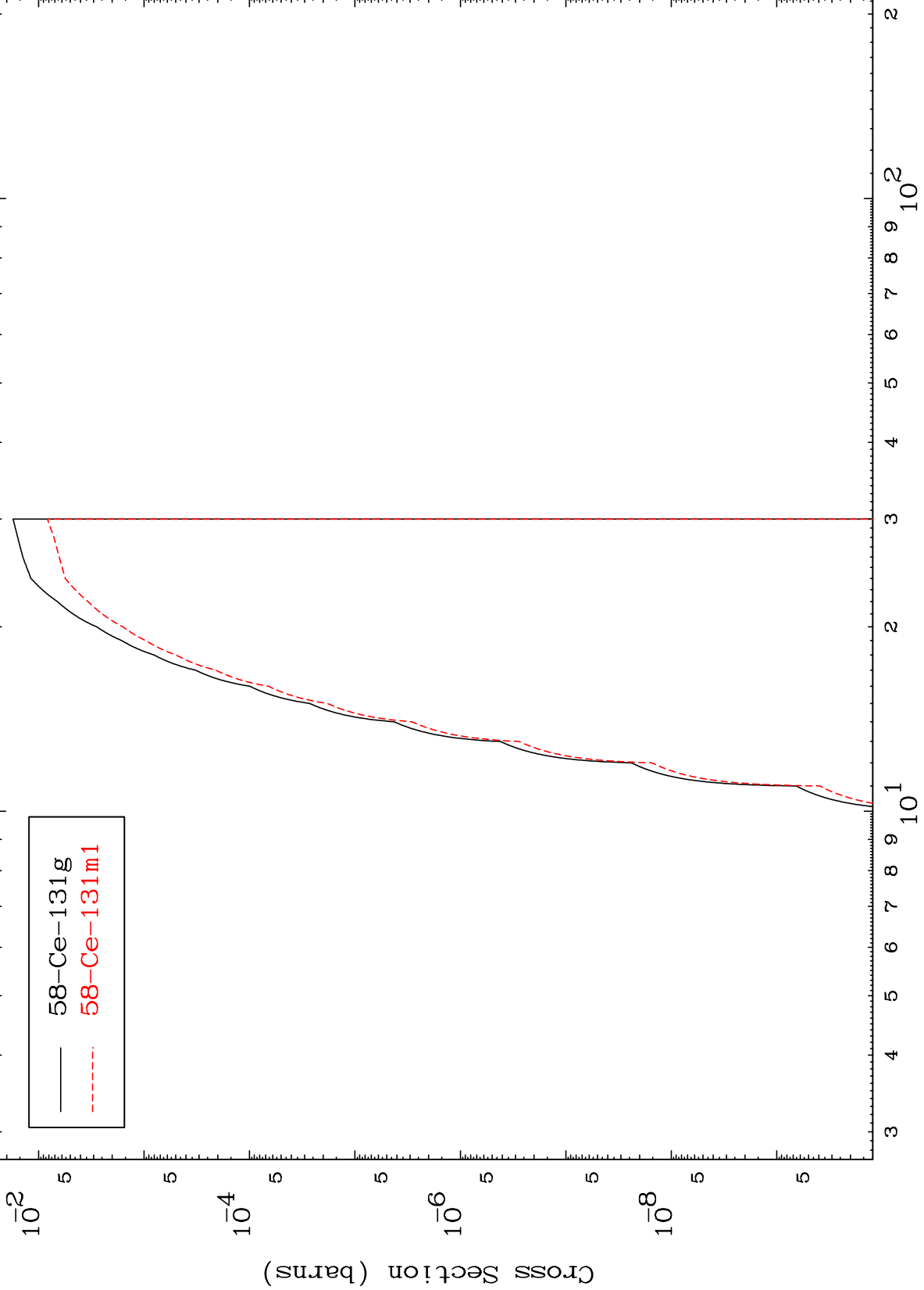
58-Ce-133g
58-Ce-133m1

MAT 5898

(n,p) t

59-Pr-132

Radionuclide Production Cross Section



25

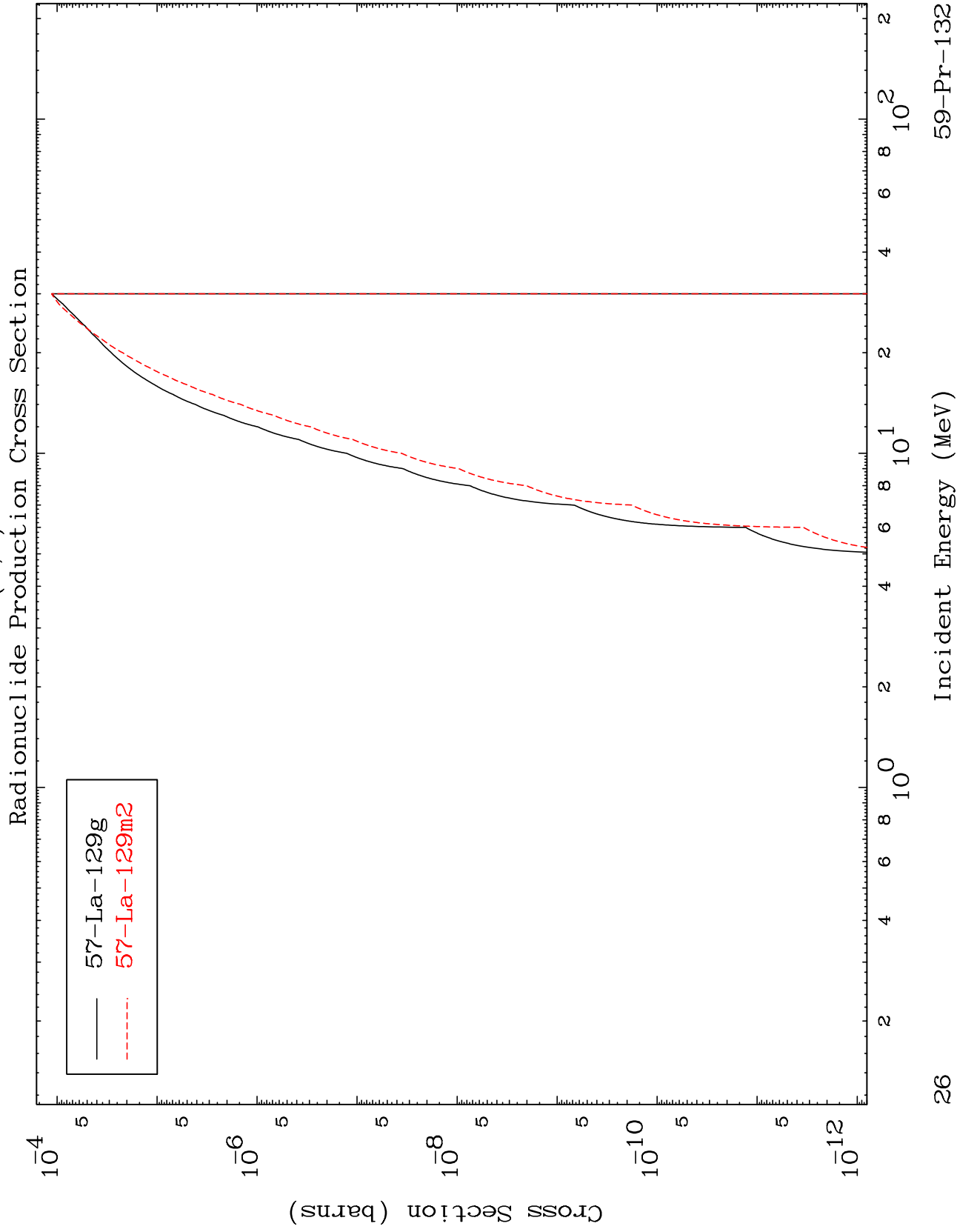
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,d) α

59-Pr-132



26

59-Pr-132