

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

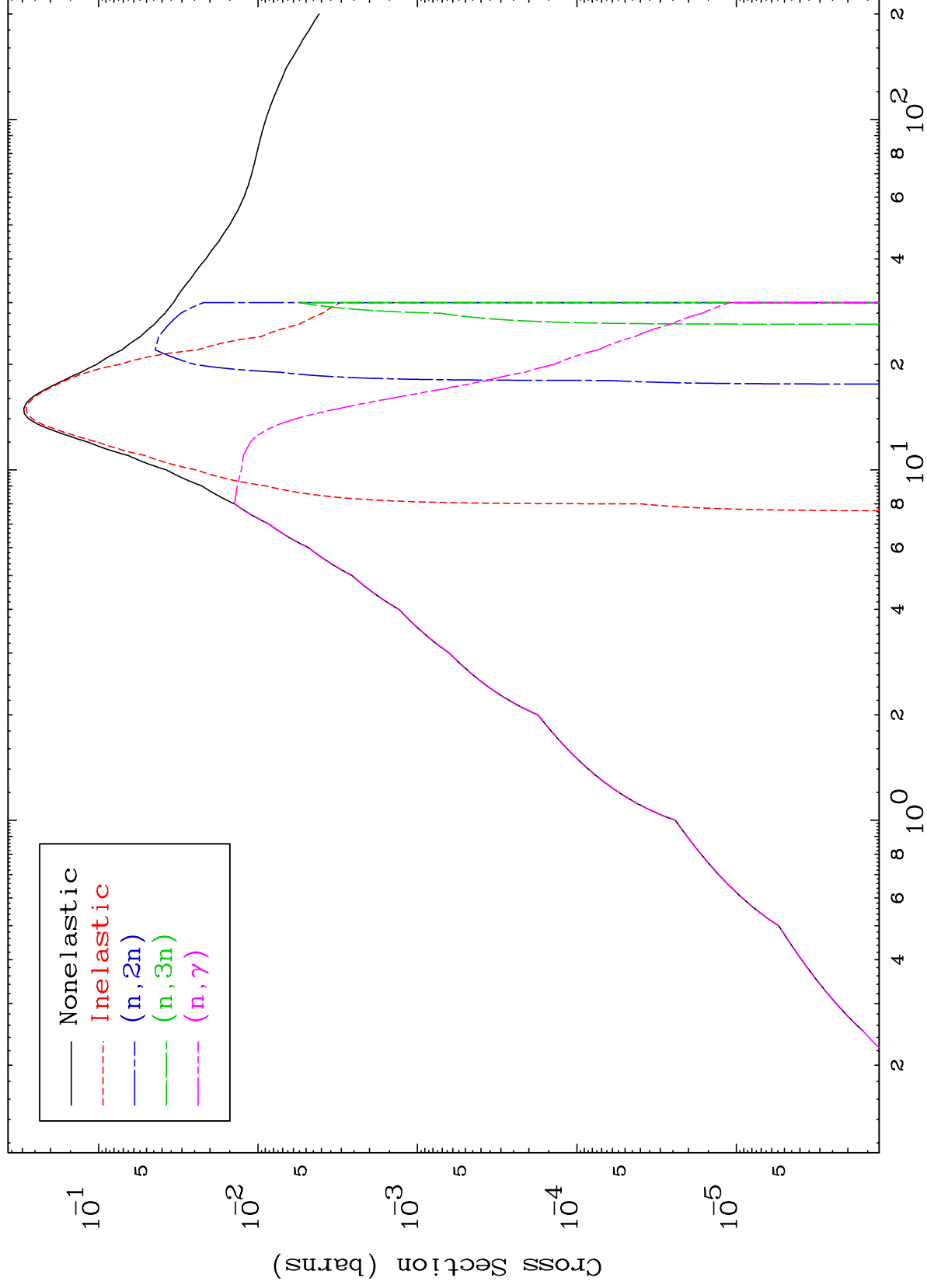
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

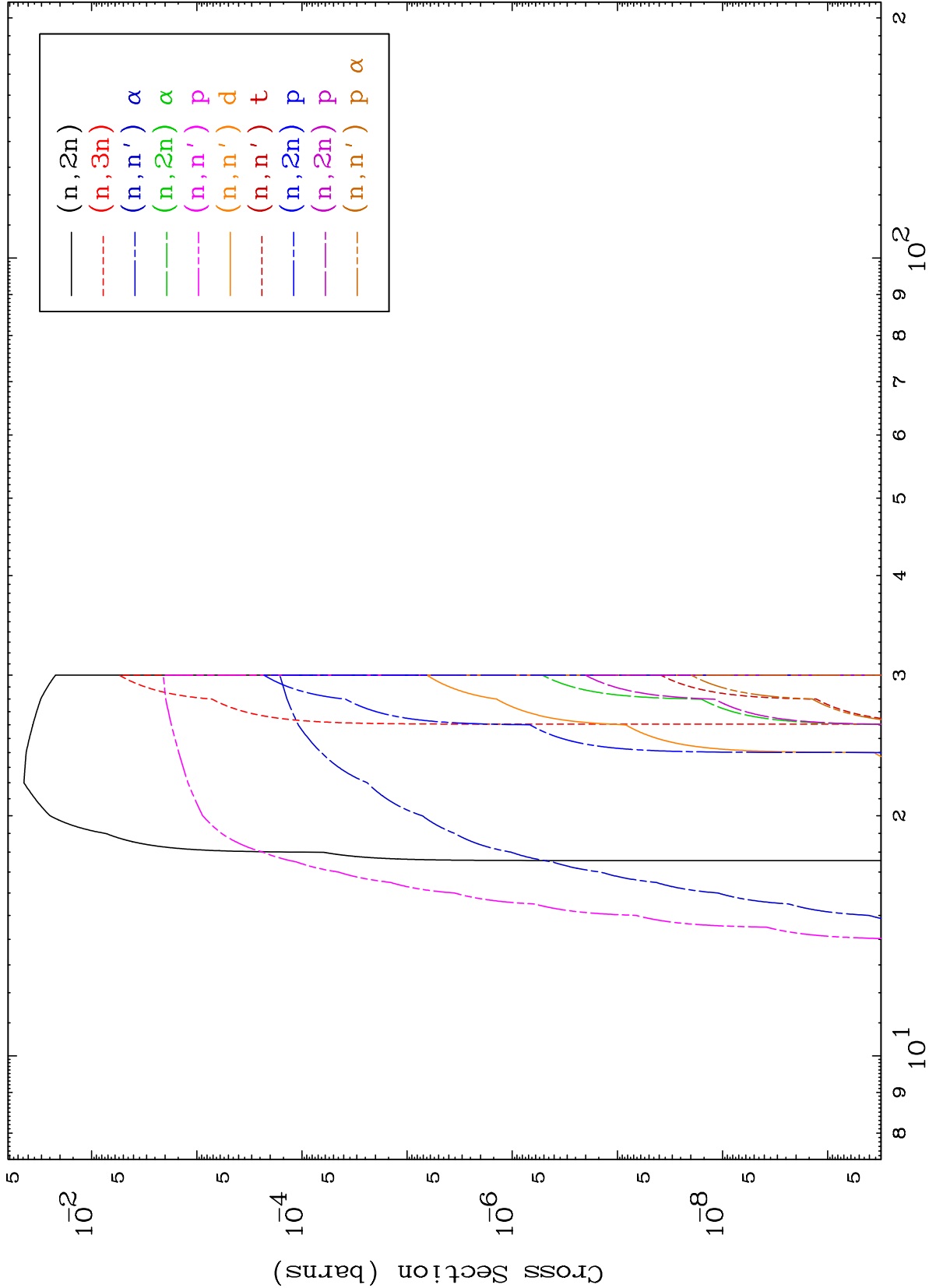
Press Mouse Button to Start

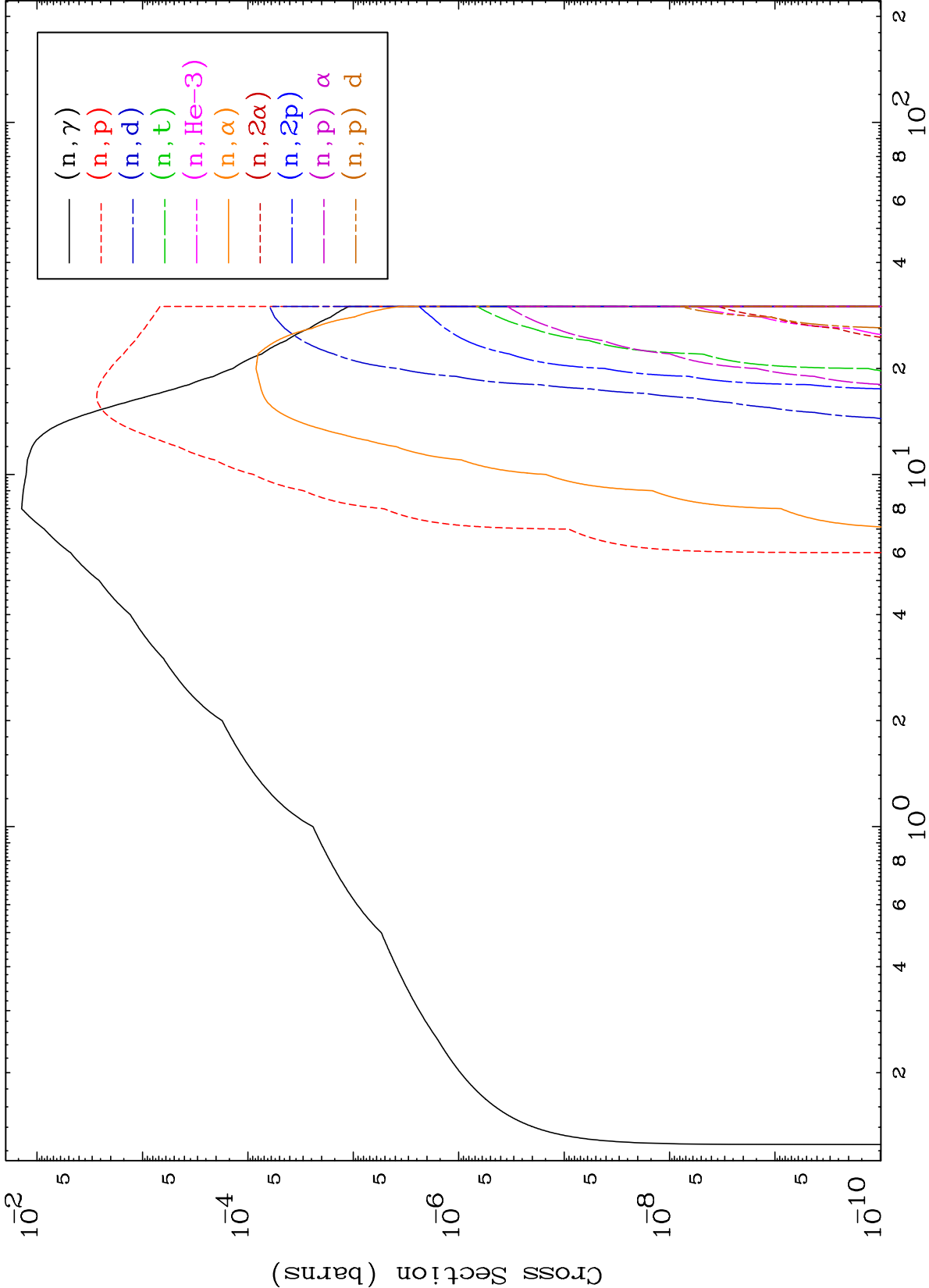
MAT 5917

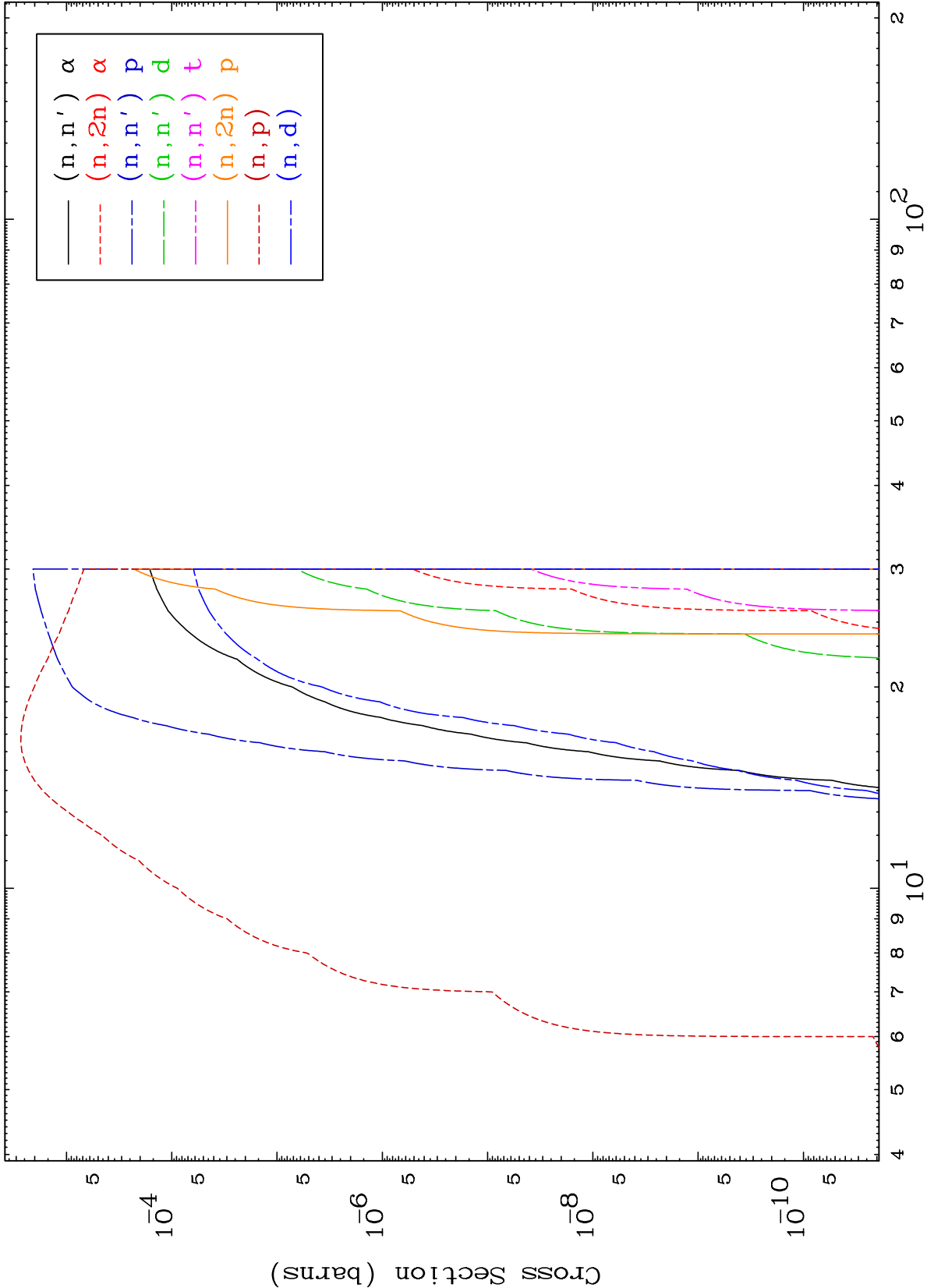
Photon Major
0 Kelvin Cross Sections

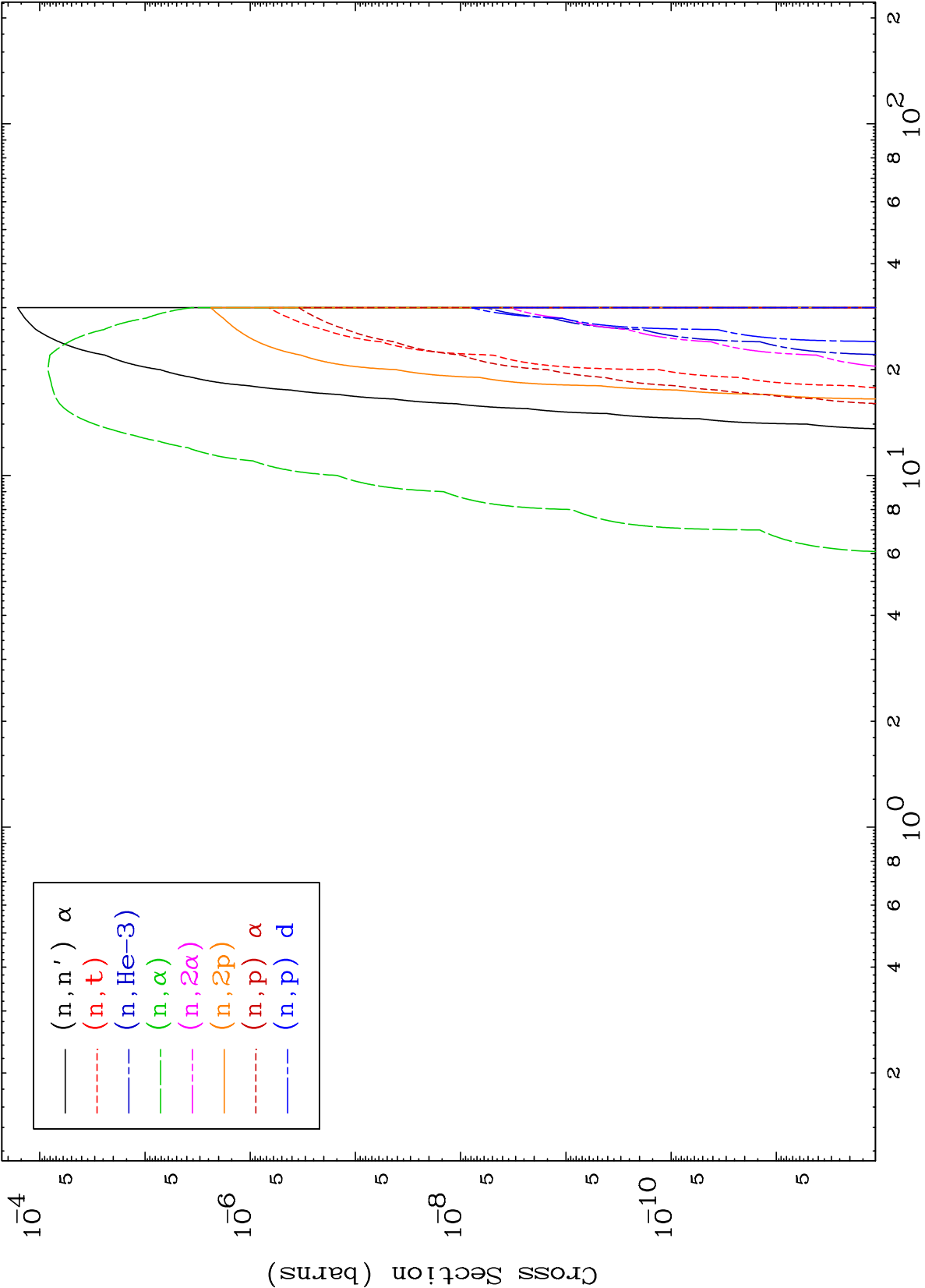
59-Pr-138m



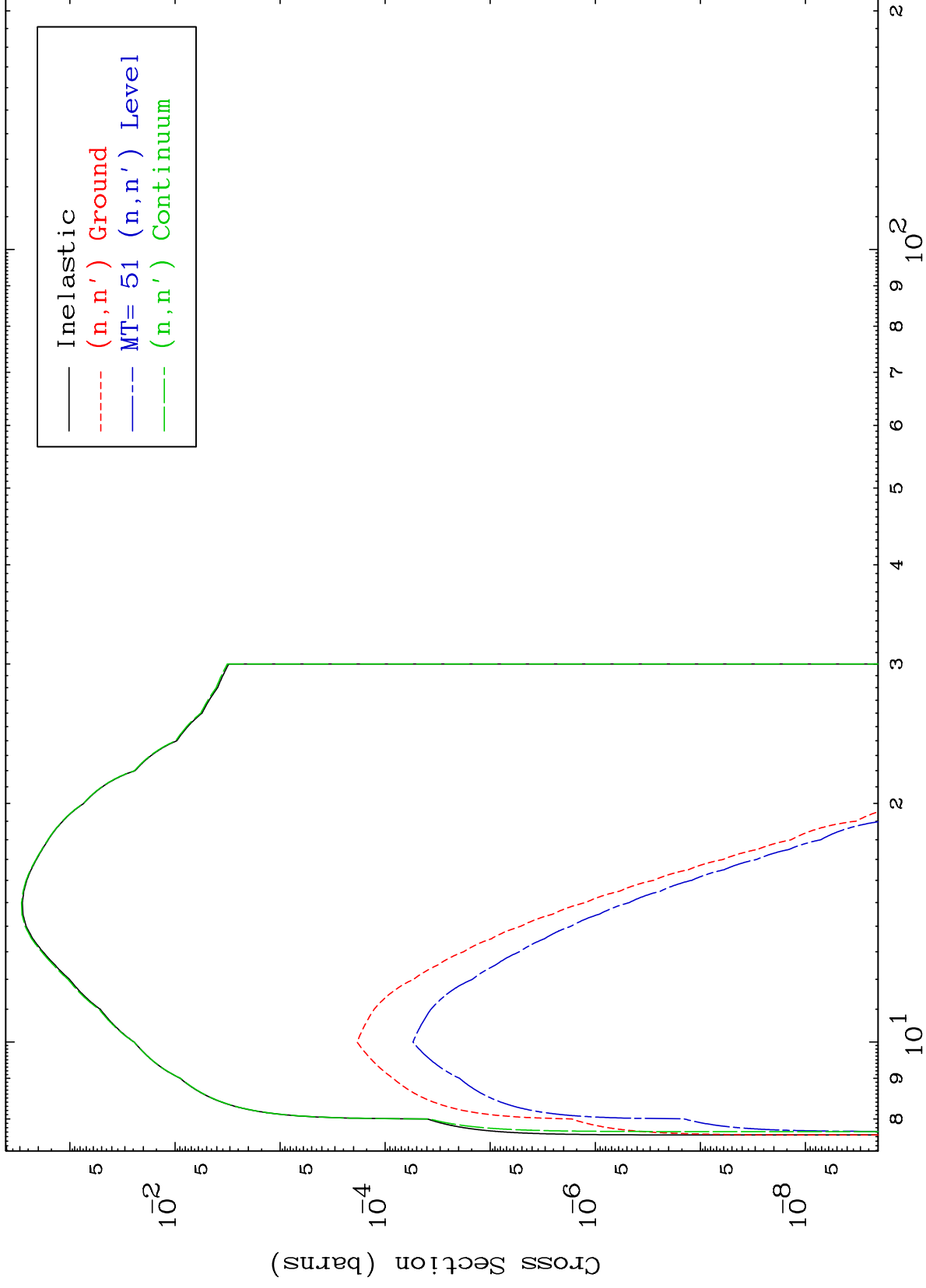




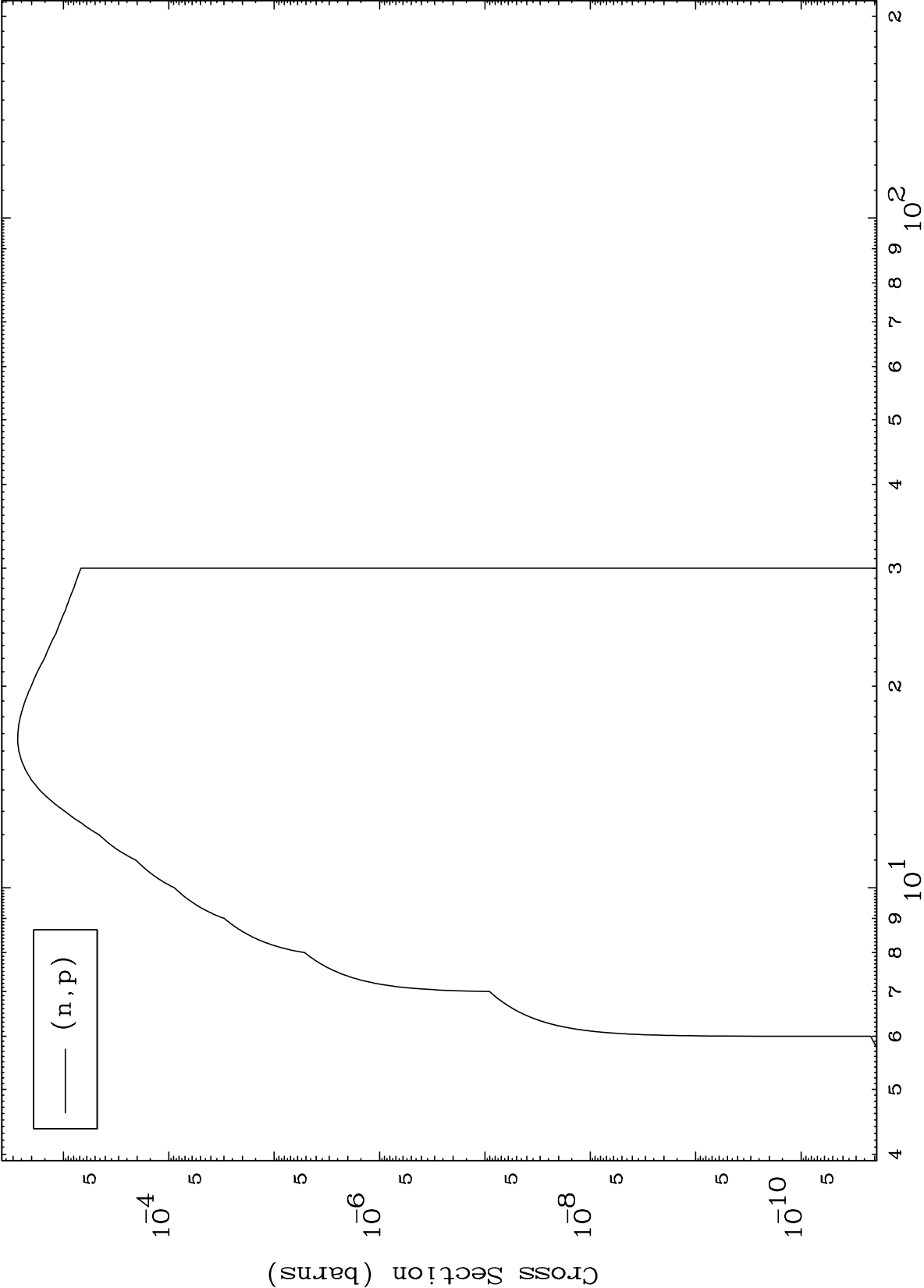




0 Kelvin Cross Sections



Incident Energy (MeV)

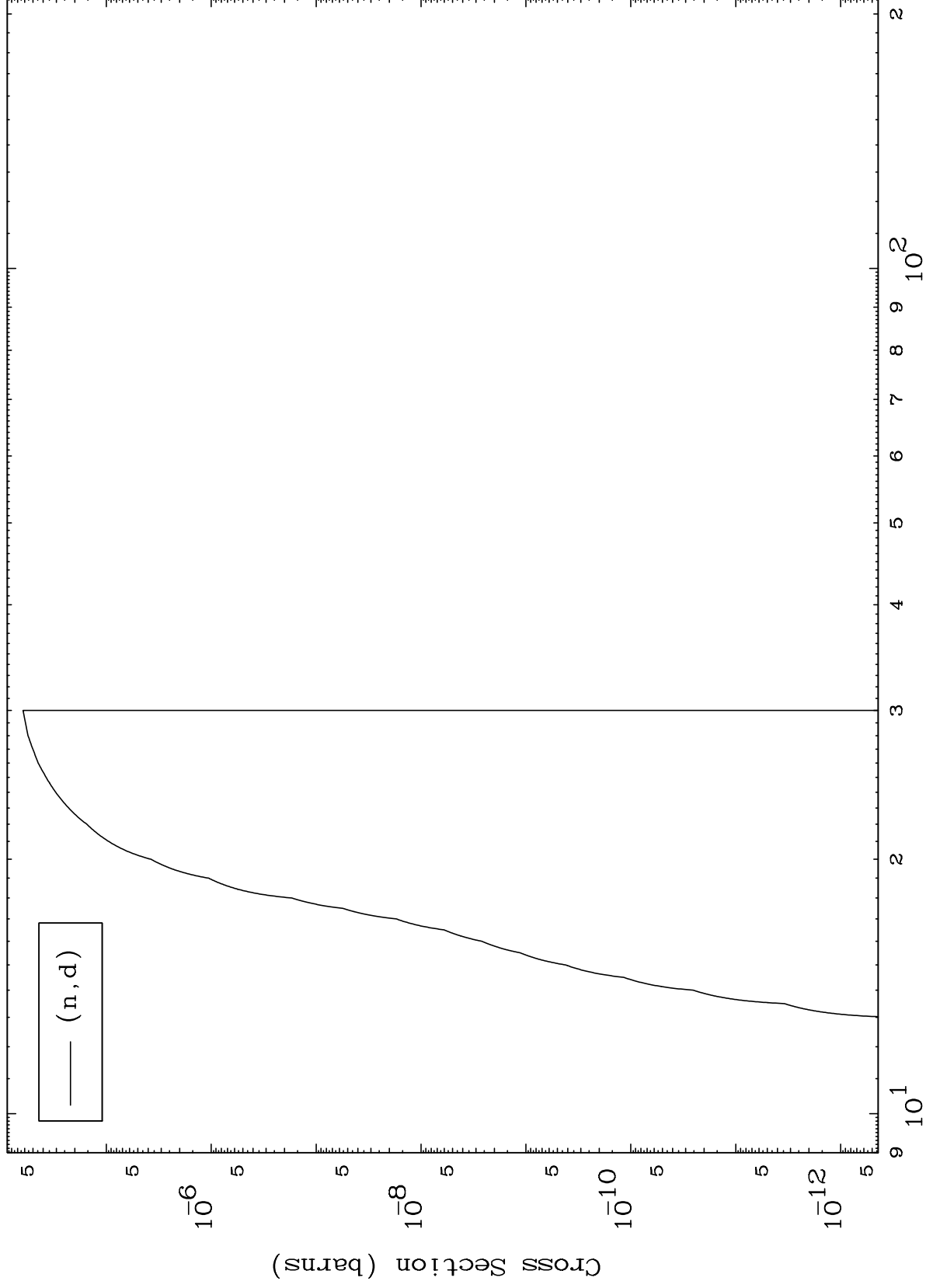


MAT 5917

(γ, d) Levels

59-Pr-138m

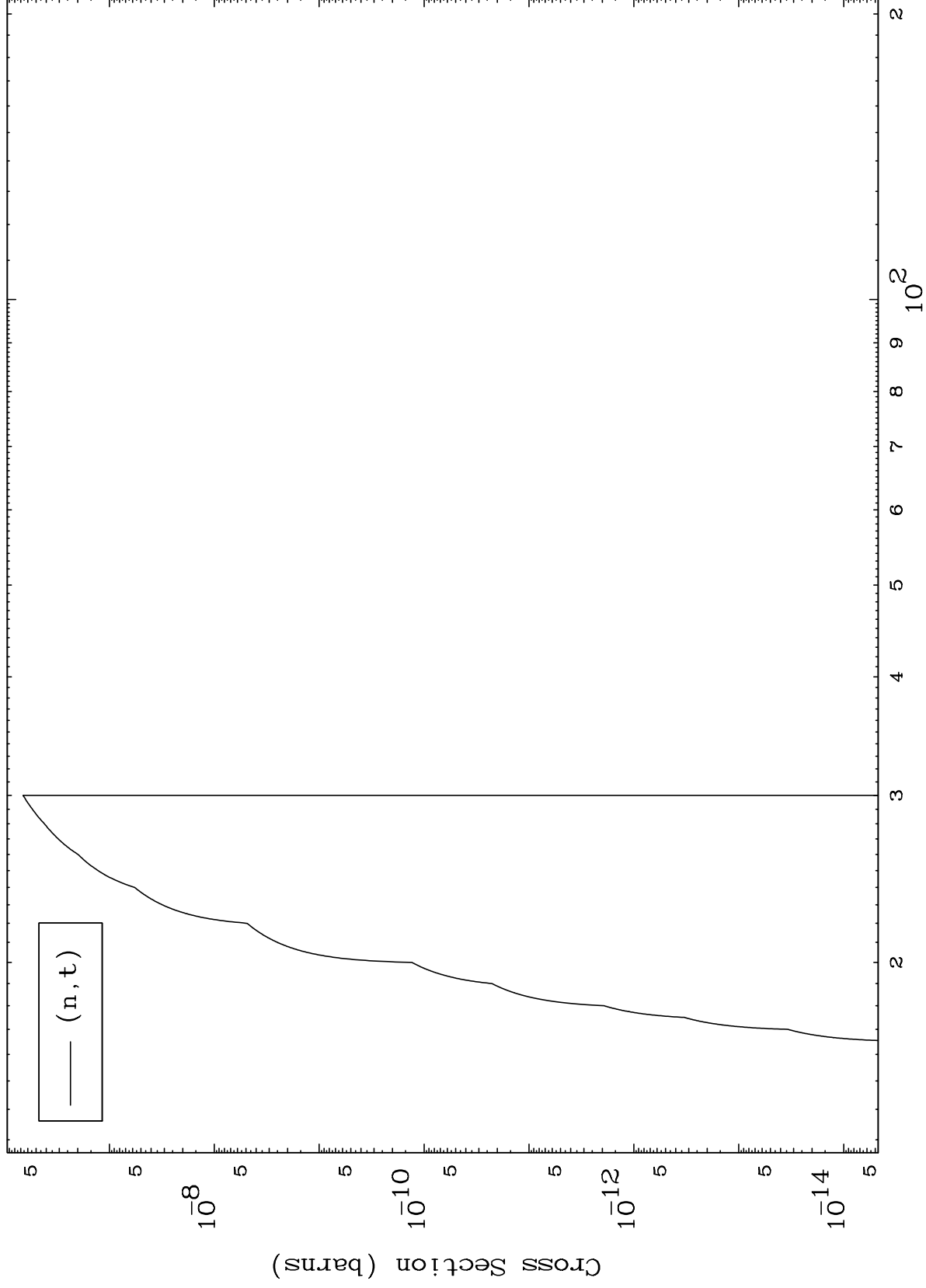
0 Kelvin Cross Sections



Incident Energy (MeV)

59-Pr-138m

(γ, t) Levels
0 Kelvin Cross Sections

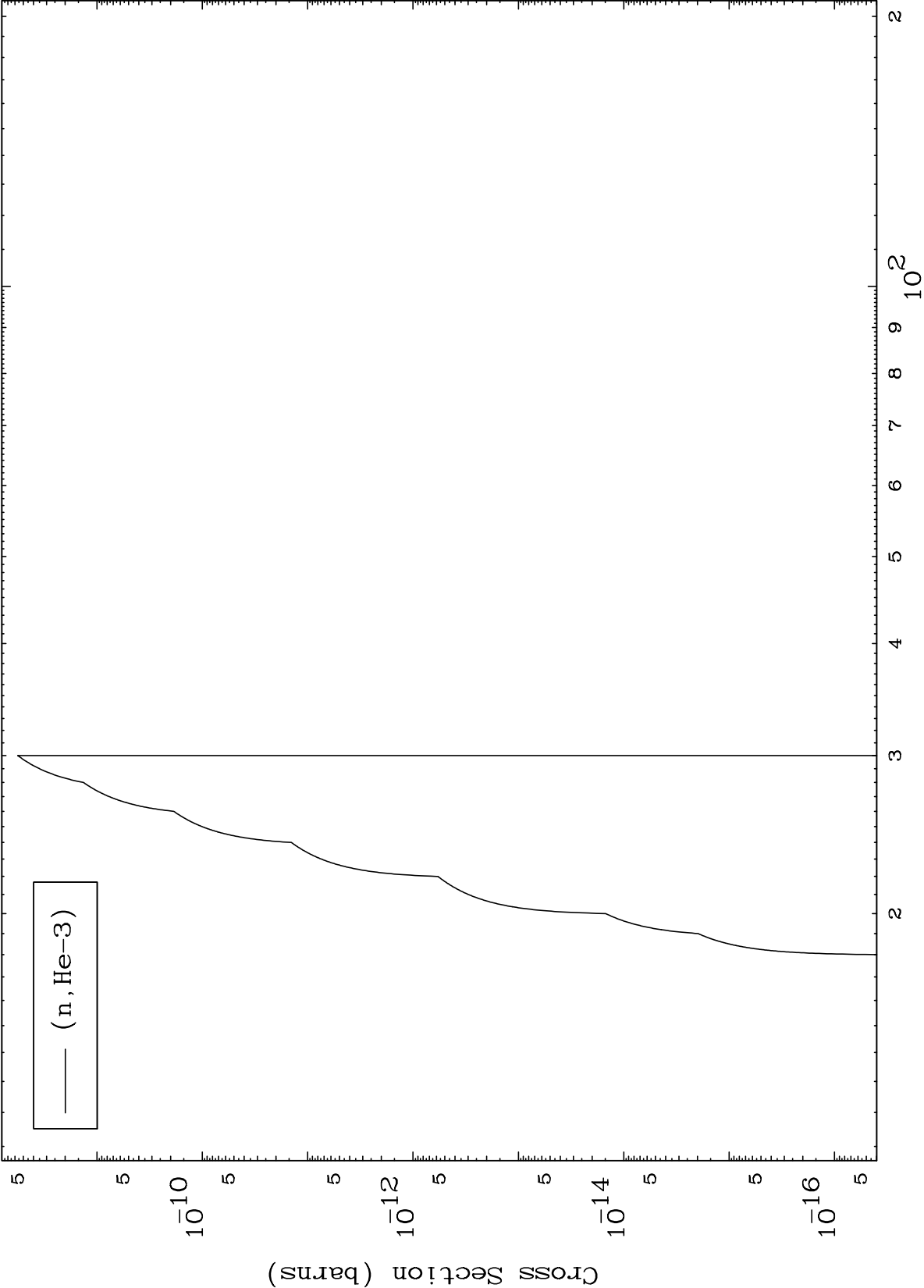


MAT 5917

(γ ,He3) Levels

59-Pr-138m

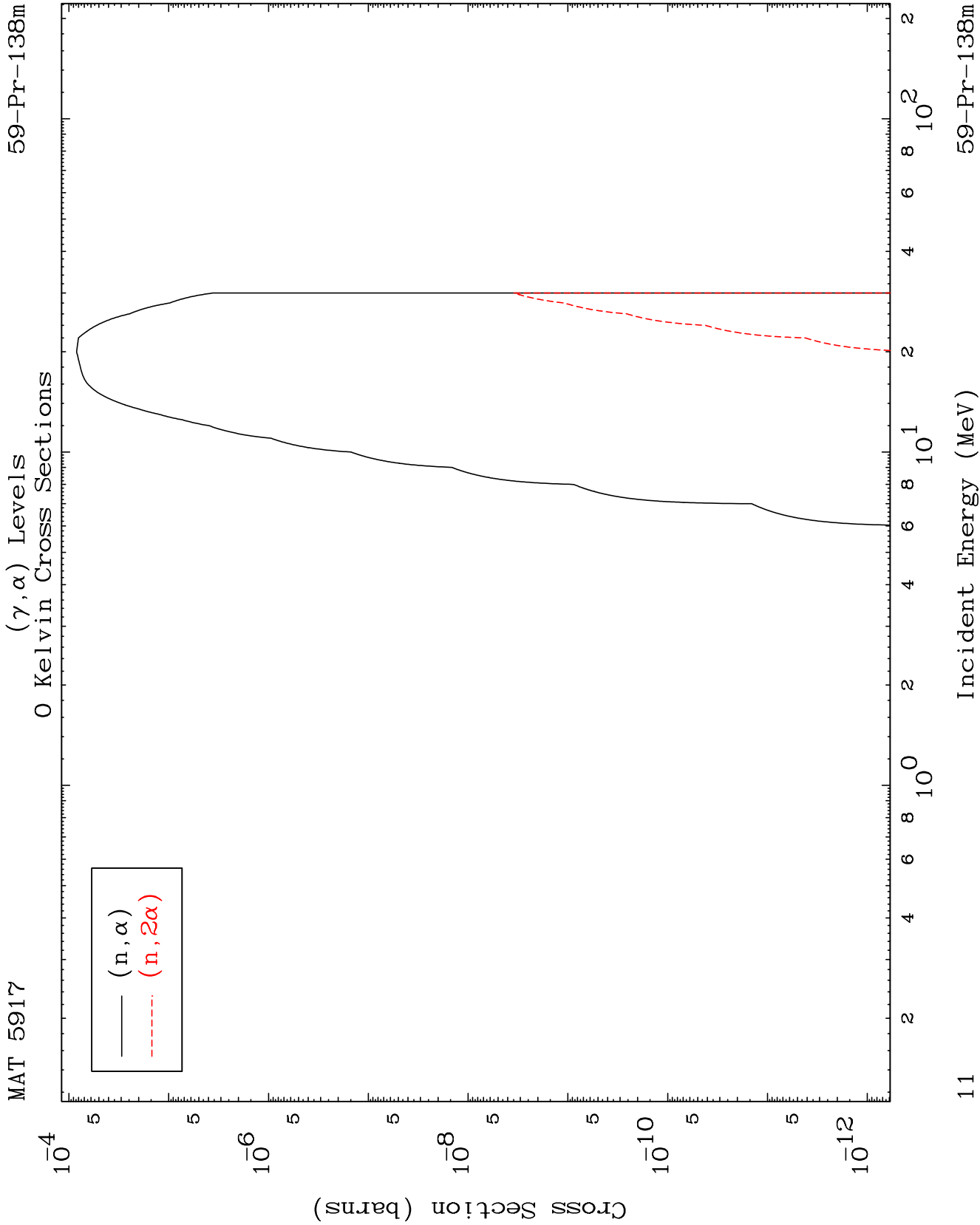
0 Kelvin Cross Sections

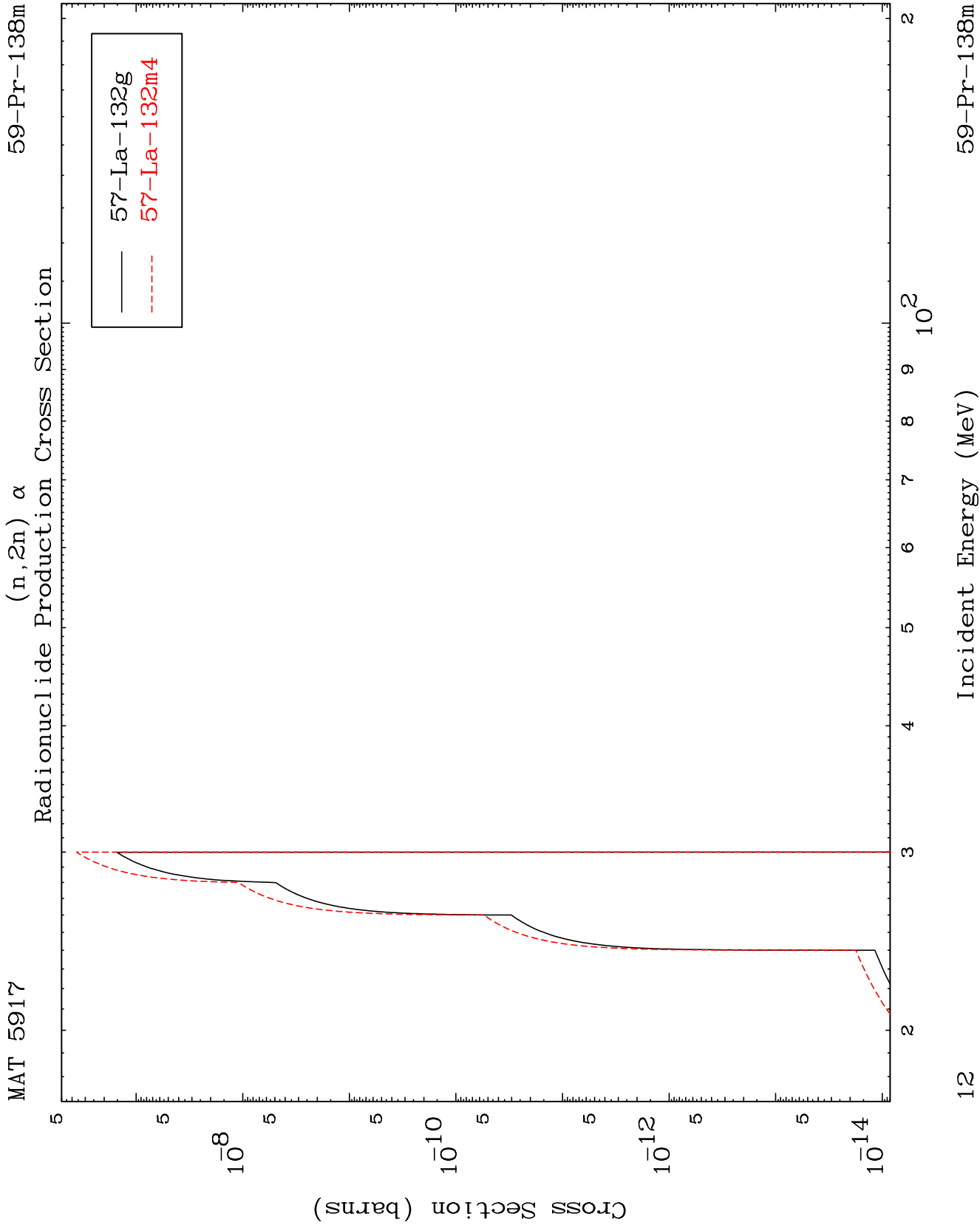


10

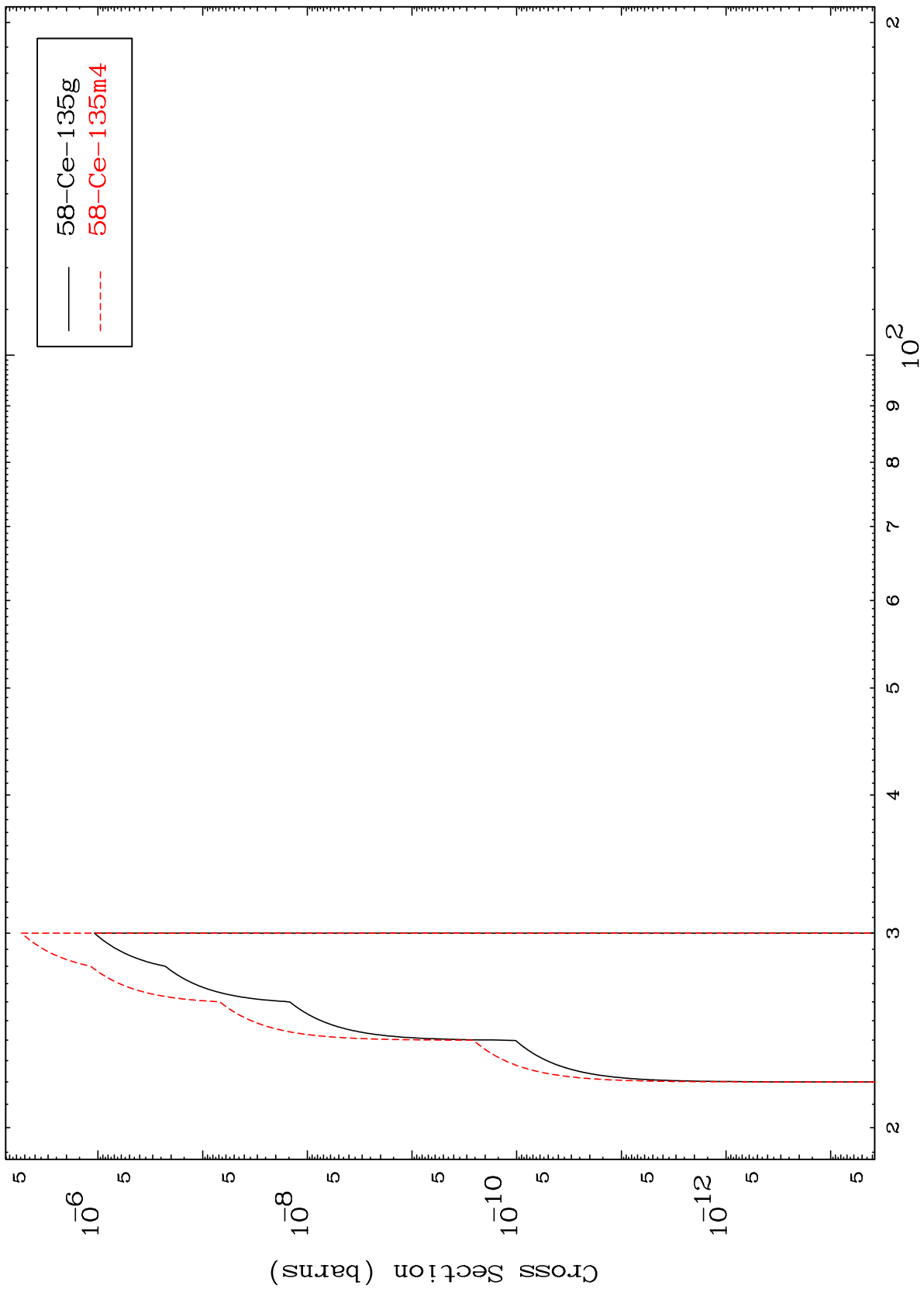
Incident Energy (MeV)

59-Pr-138m





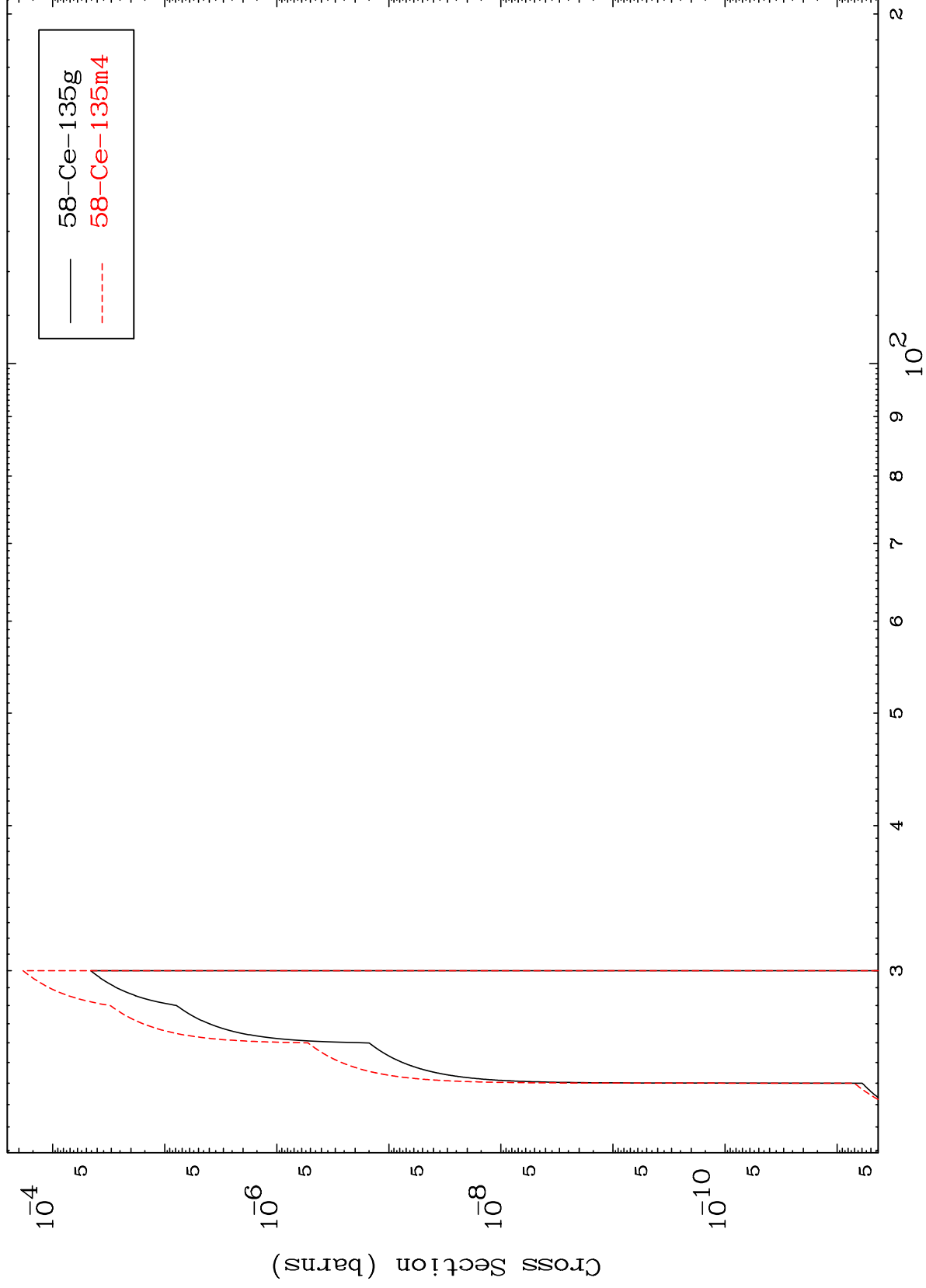
(n,n') d
Radionuclide Production Cross Section



MAT 5917

59-Pr-138m

(n,2n) p
Radionuclide Production Cross Section



59-Pr-138m

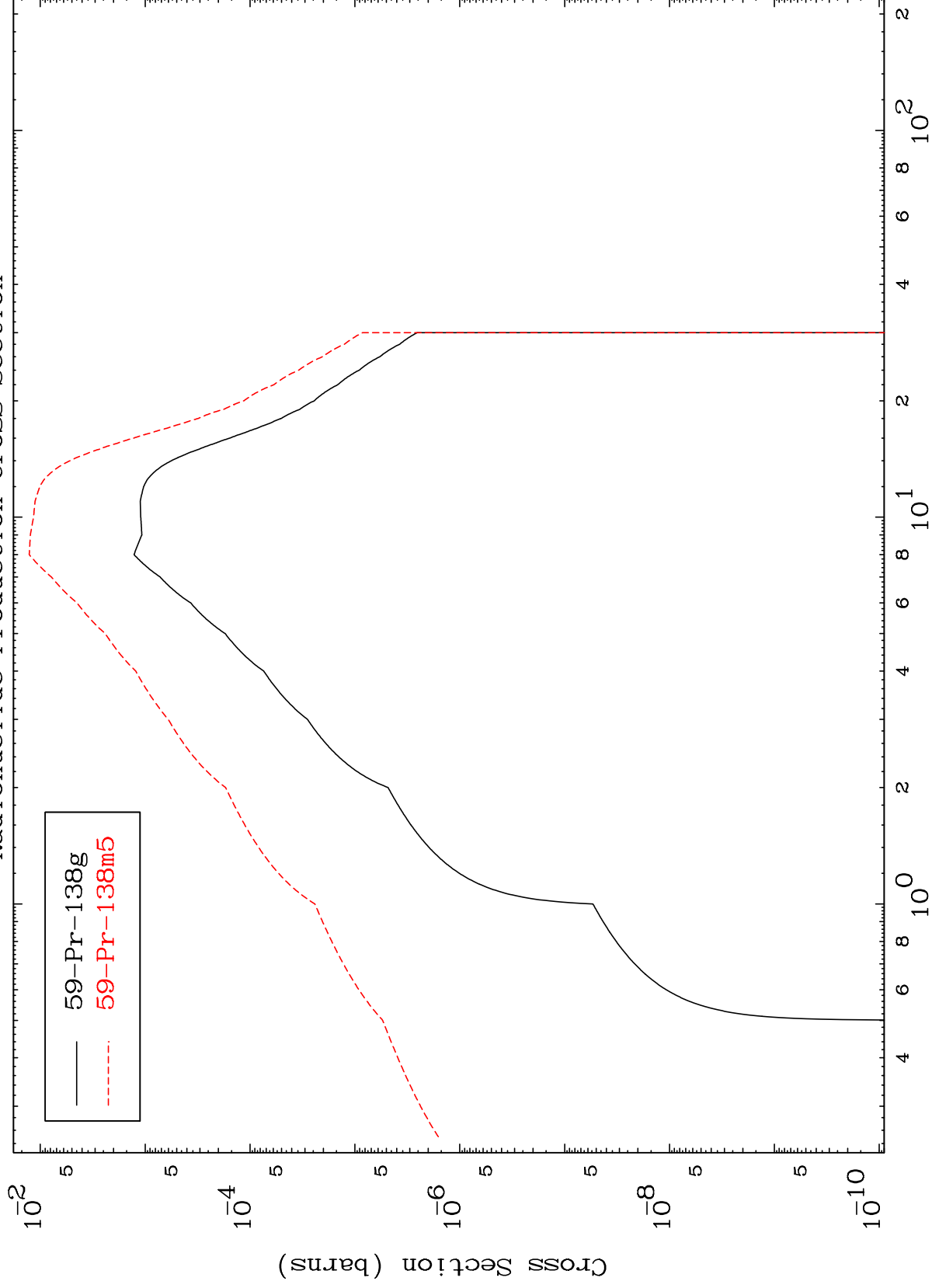
Incident Energy (MeV)

14

MAT 5917

59-Pr-138m

Radionuclide Production Cross Section



Incident Energy (MeV)

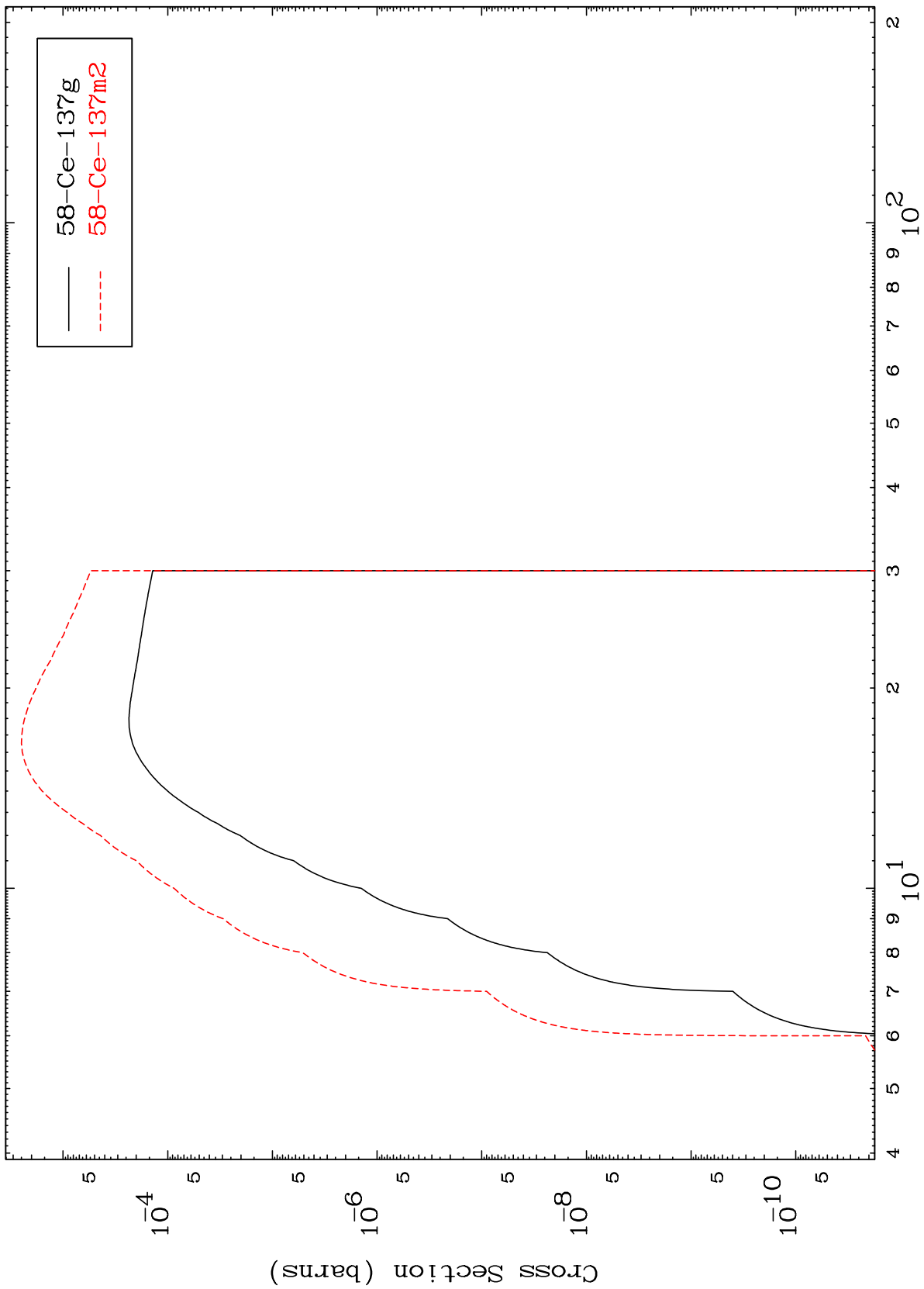
59-Pr-138m

15

MAT 5917

59-Pr-138m

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

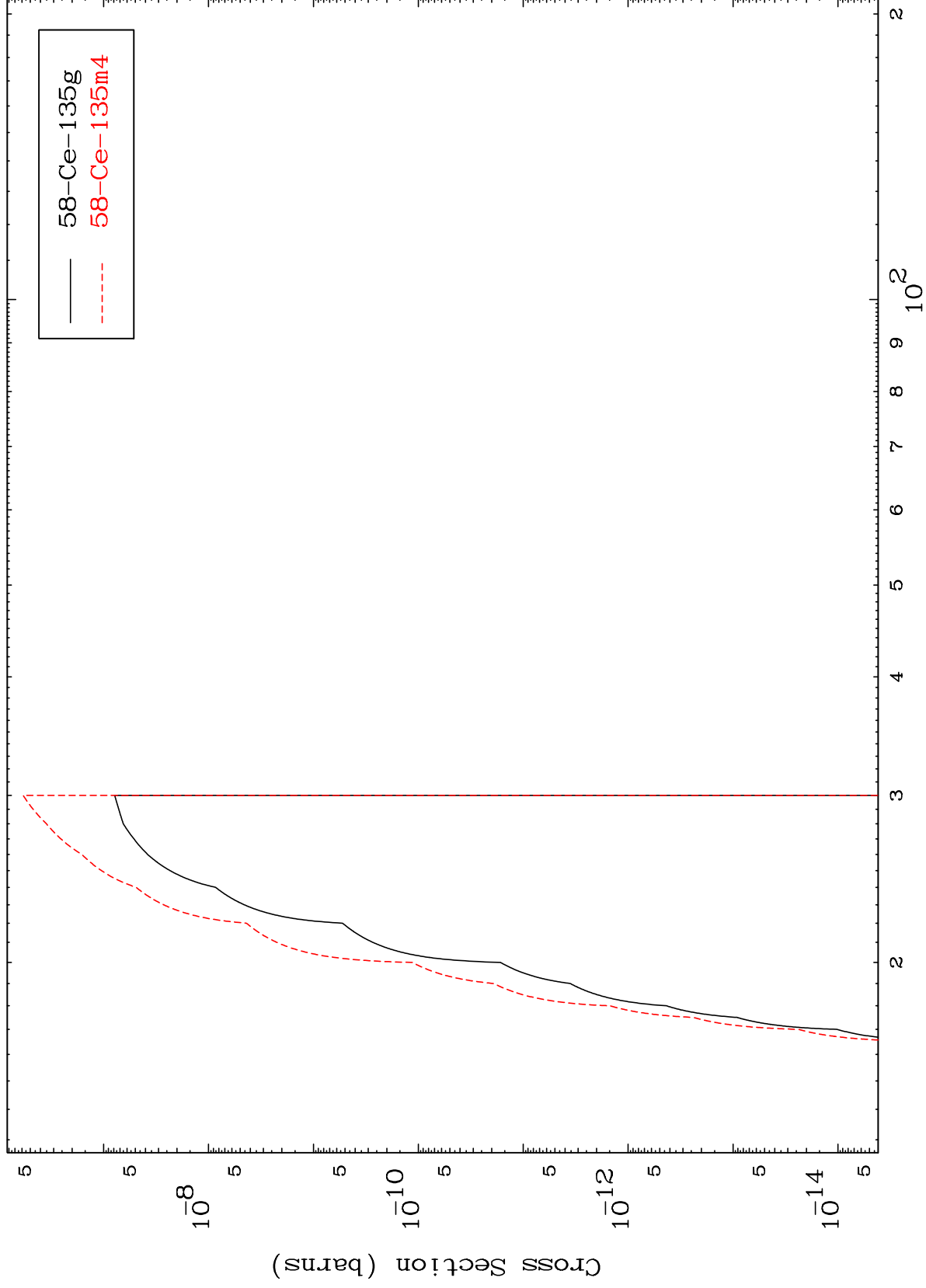
59-Pr-138m

MAT 5917

(n,t)

59-Pr-138m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

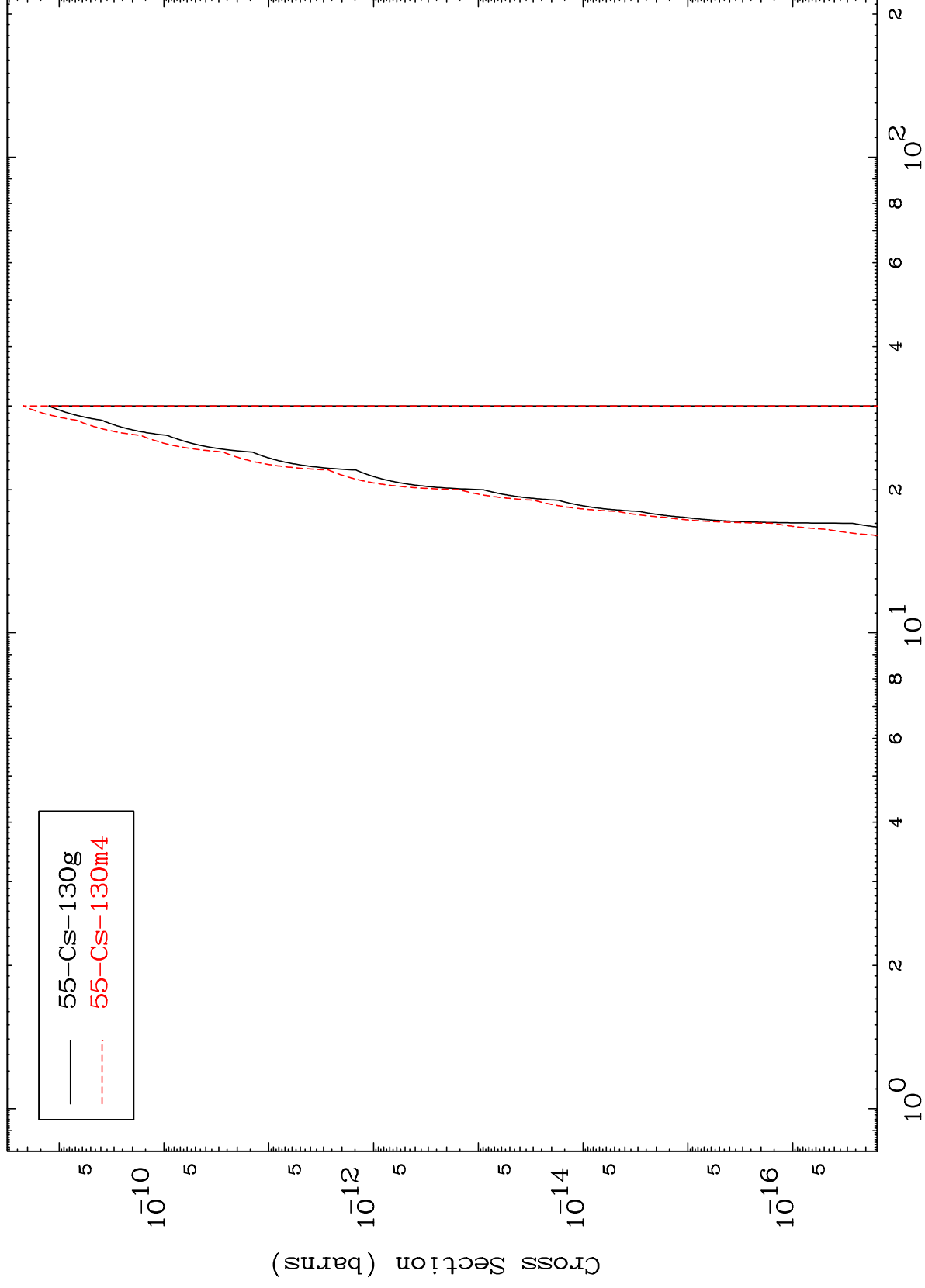
59-Pr-138m

MAT 5917

(n,2α)

59-Pr-138m

Radionuclide Production Cross Section



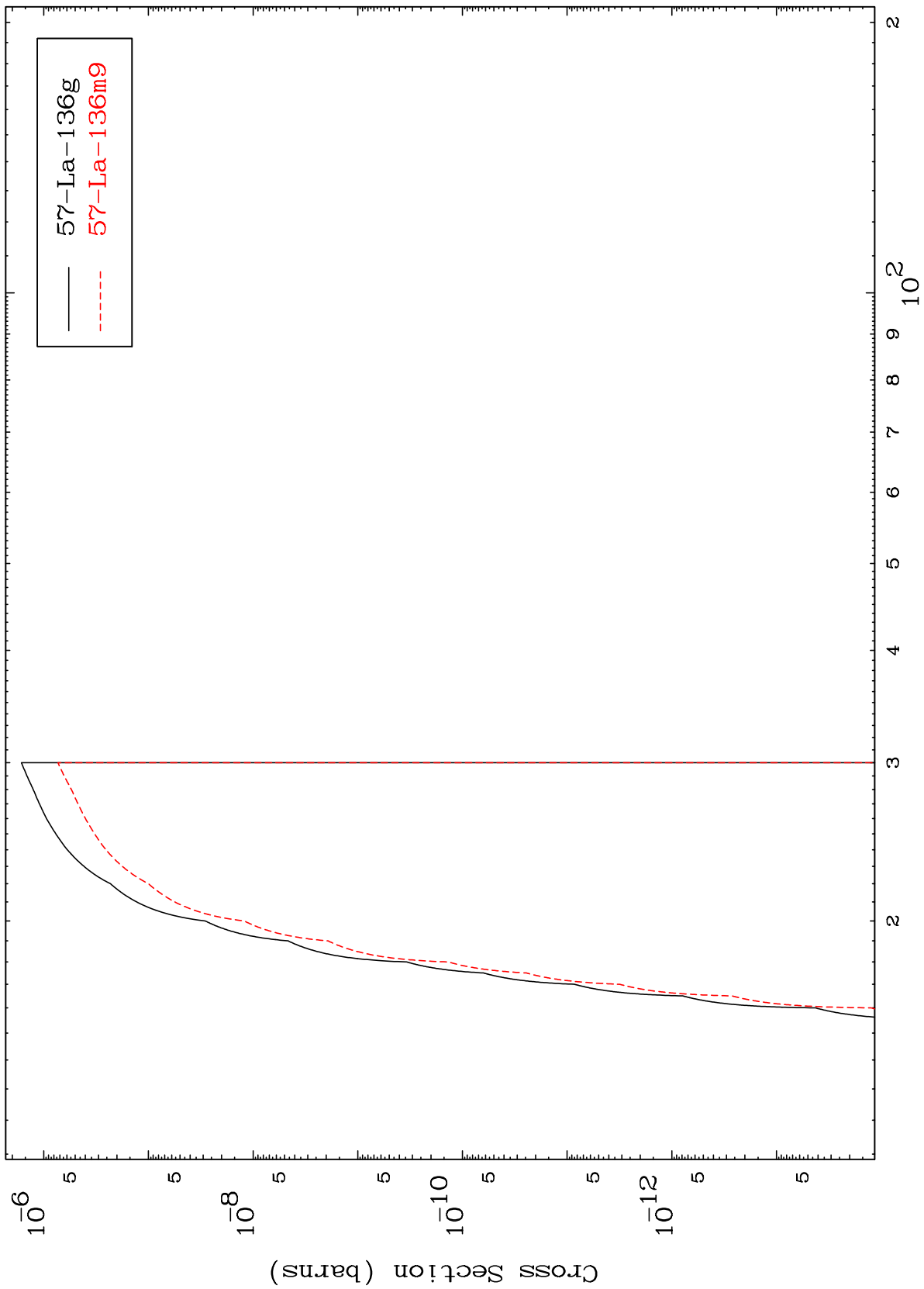
Incident Energy (MeV)

59-Pr-138m

MAT 5917

59-Pr-138m

(n,2p)
Radionuclide Production Cross Section



19

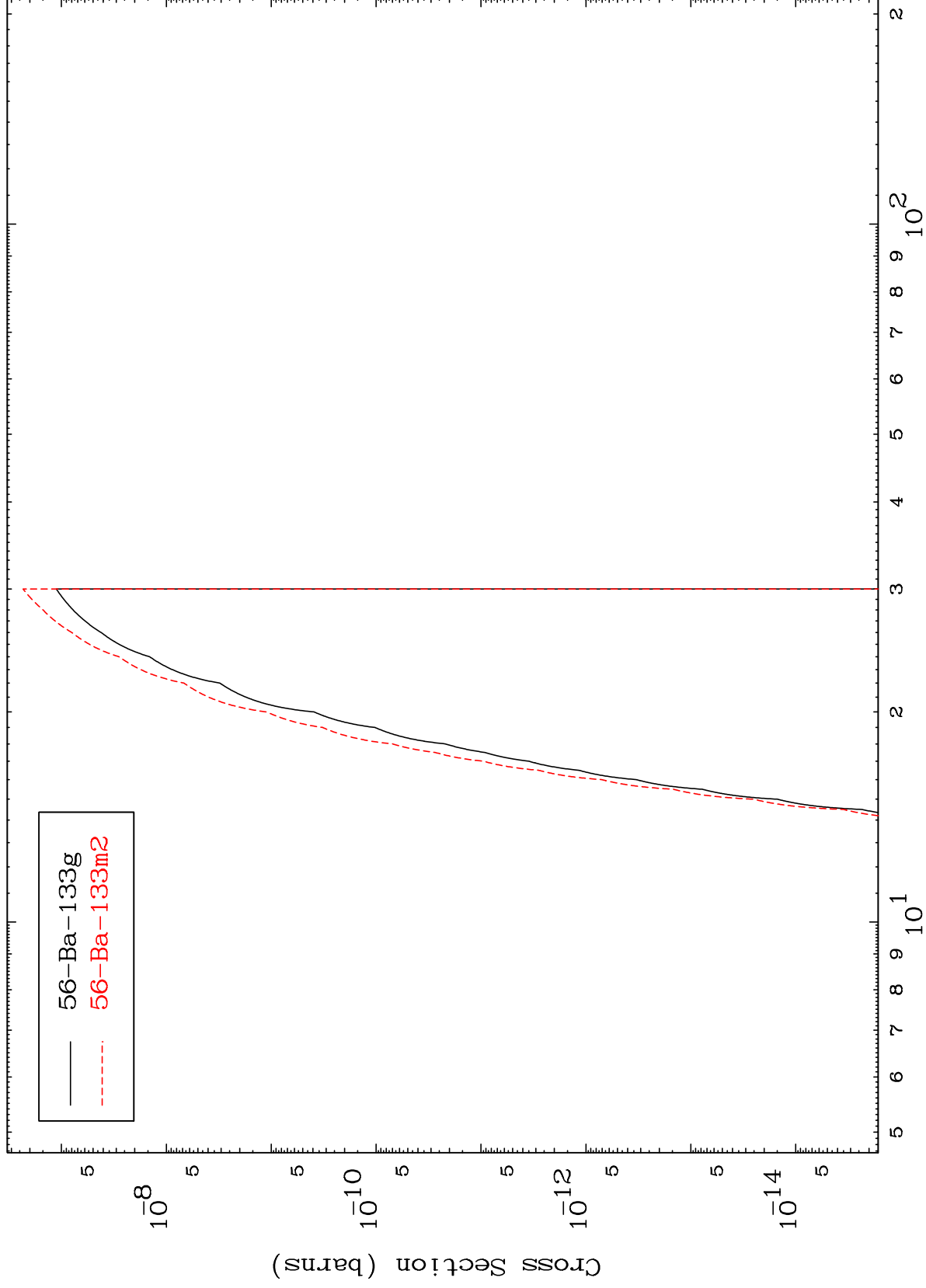
Incident Energy (MeV)

59-Pr-138m

MAT 5917

59-Pr-138m

(n,p) α
Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-138m