

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

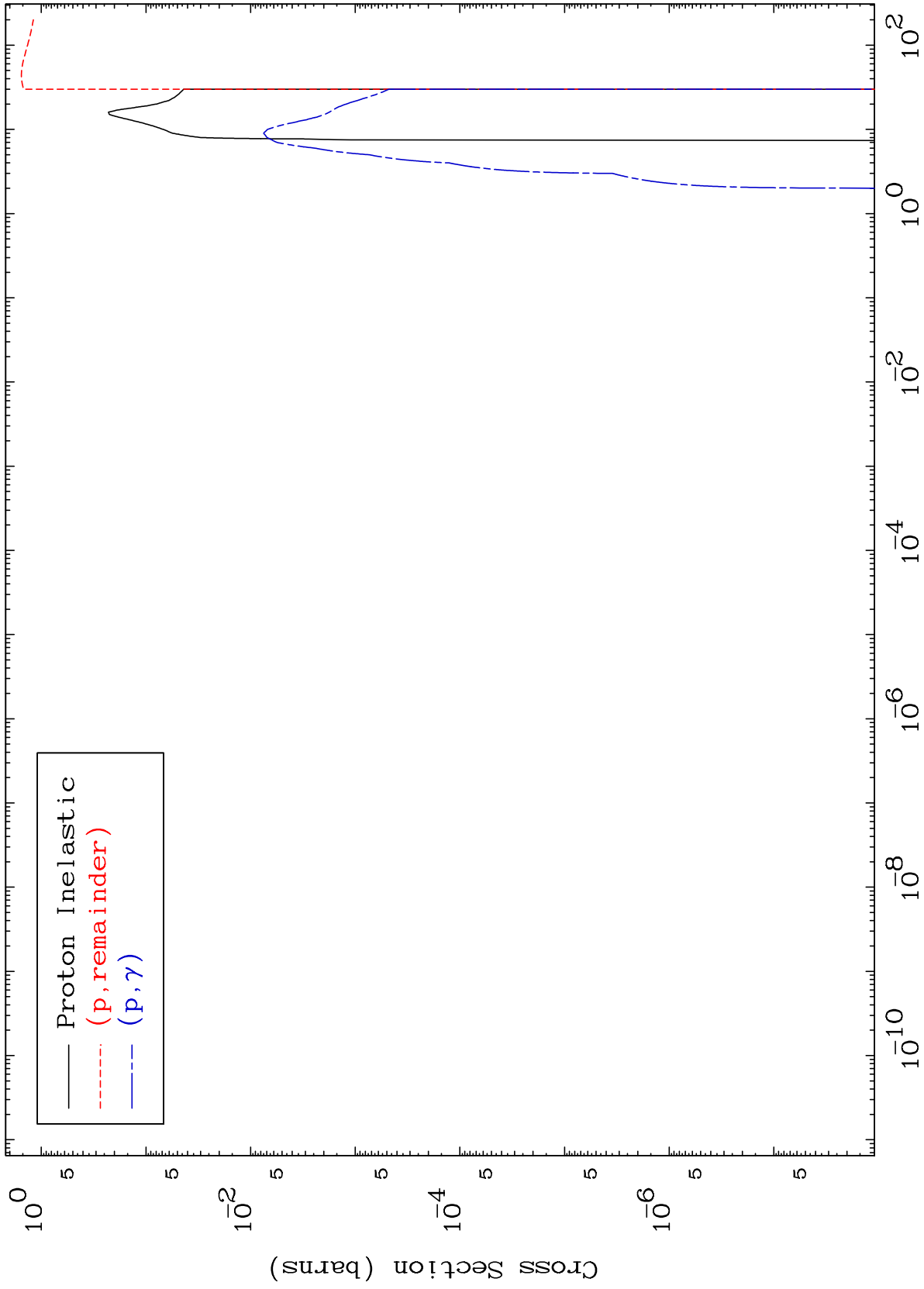
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5895

Proton Major
0 Kelvin Cross Sections

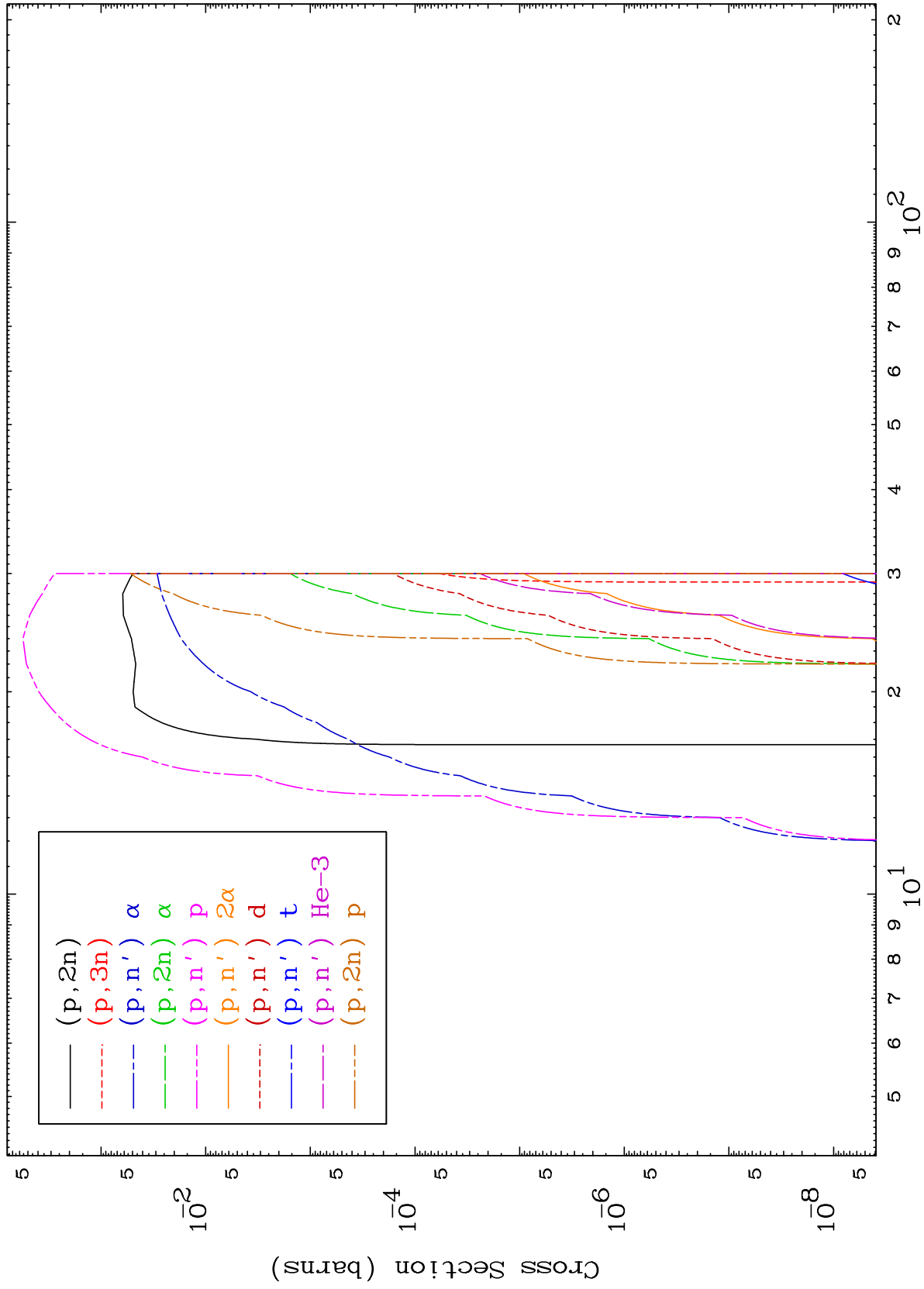
59-Pr-131

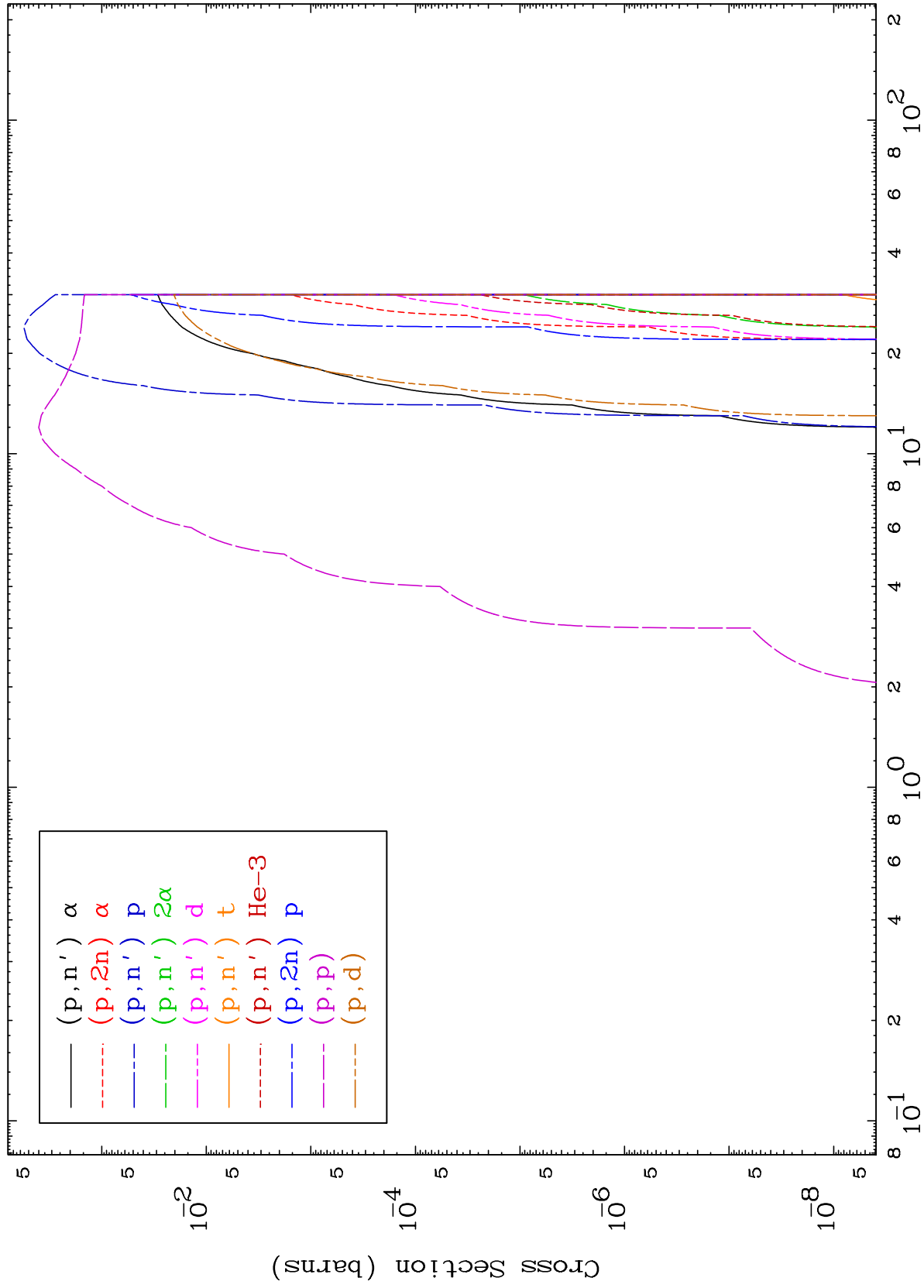


1

Incident Energy (MeV)

59-Pr-131

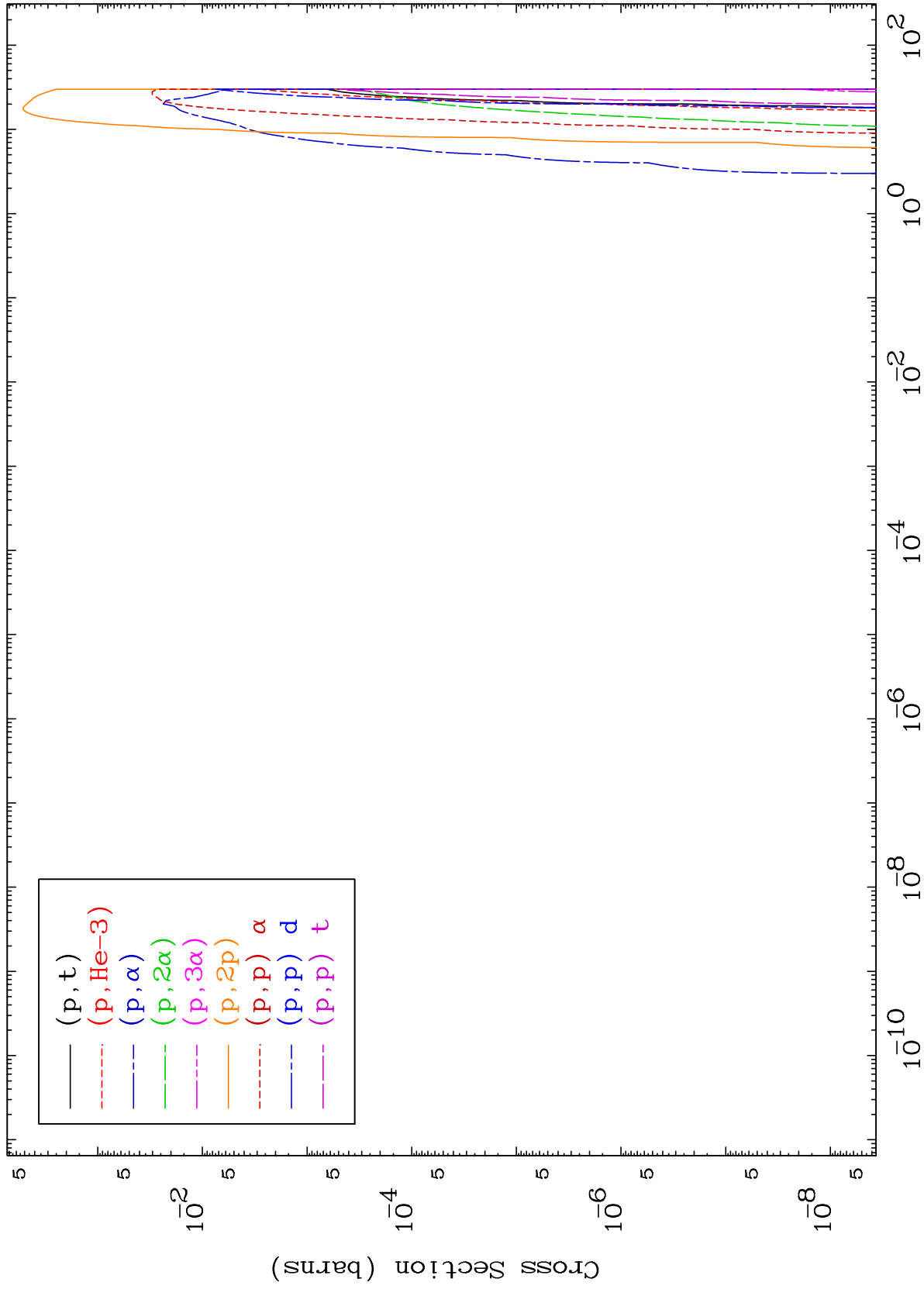




MAT 5895

Proton Charged Particle
0 Kelvin Cross Sections

59-Pr-131

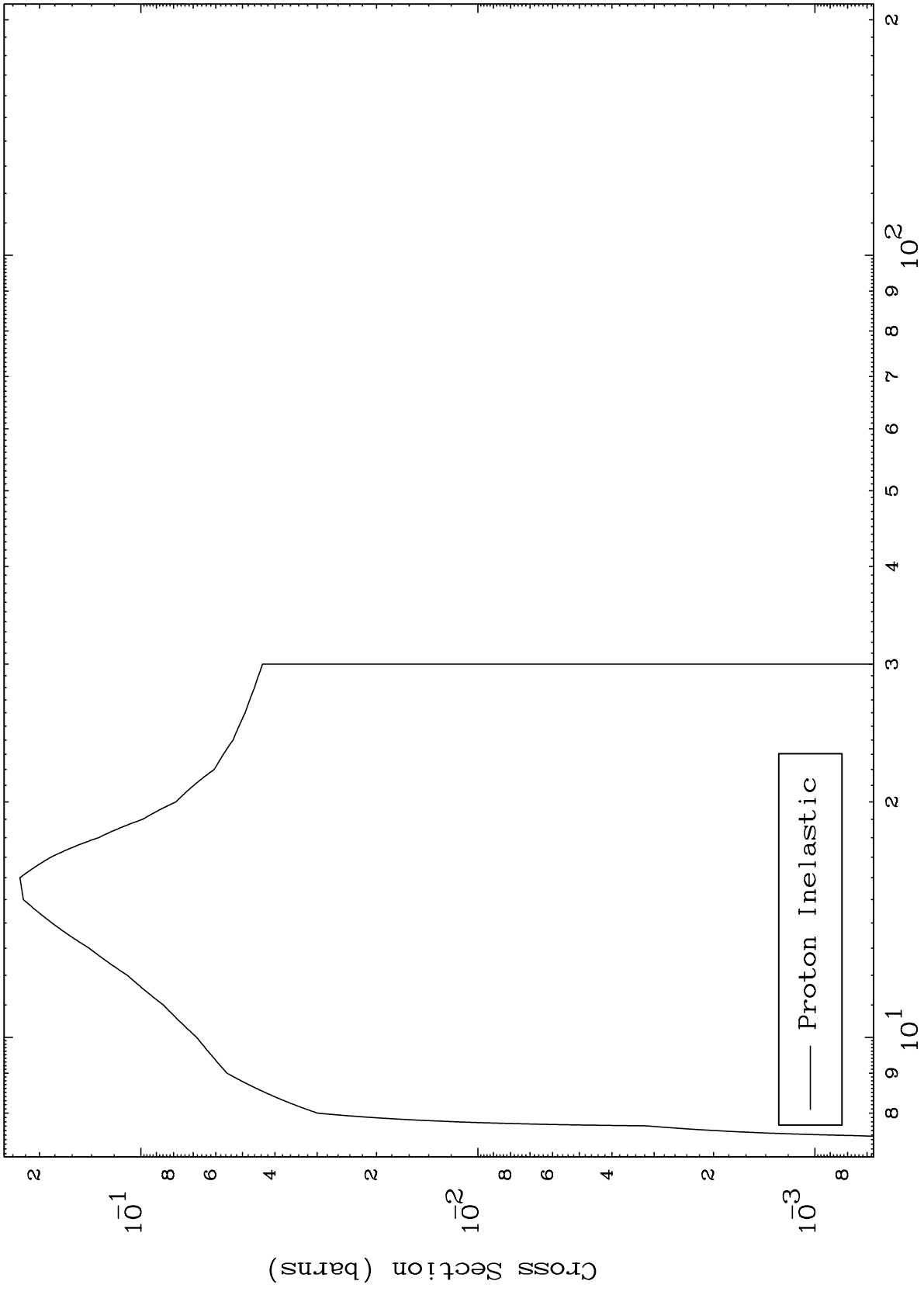


59-Pr-131

MAT 5895

(p,n') Level
0 Kelvin Cross Sections

59-Pr-131



5

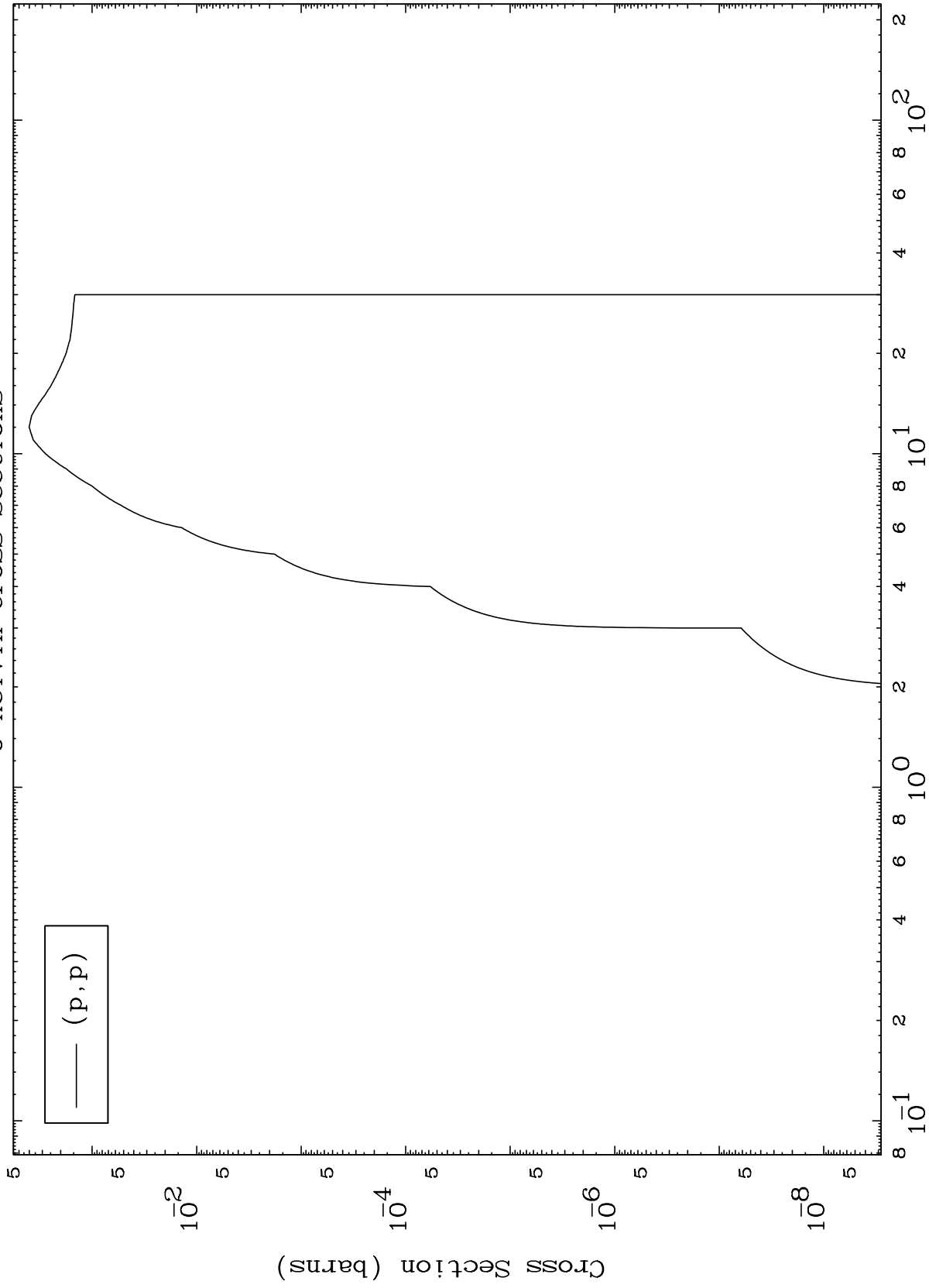
Incident Energy (MeV)

59-Pr-131

MAT 5895

(p,p) Levels
0 Kelvin Cross Sections

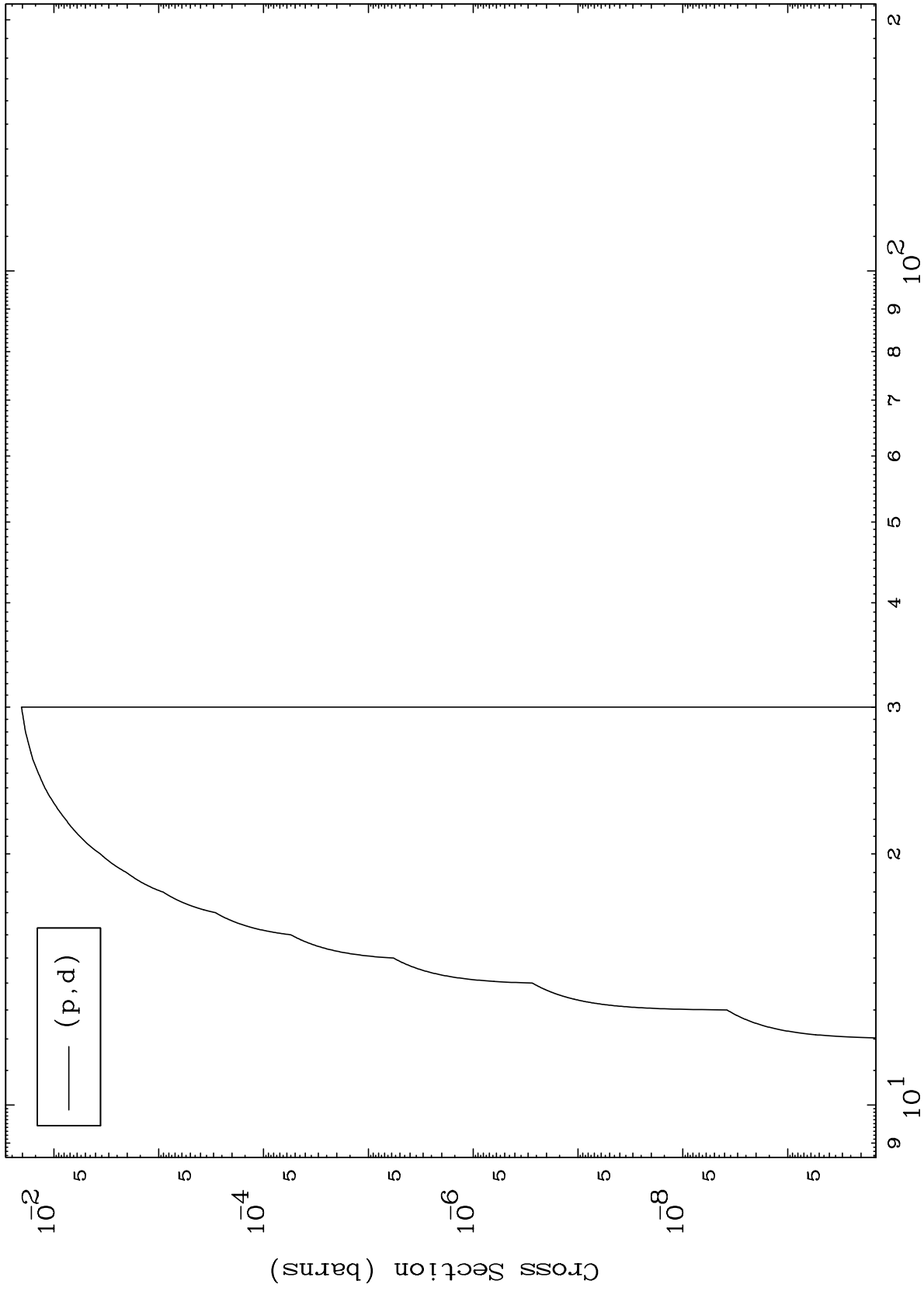
59-Pr-131

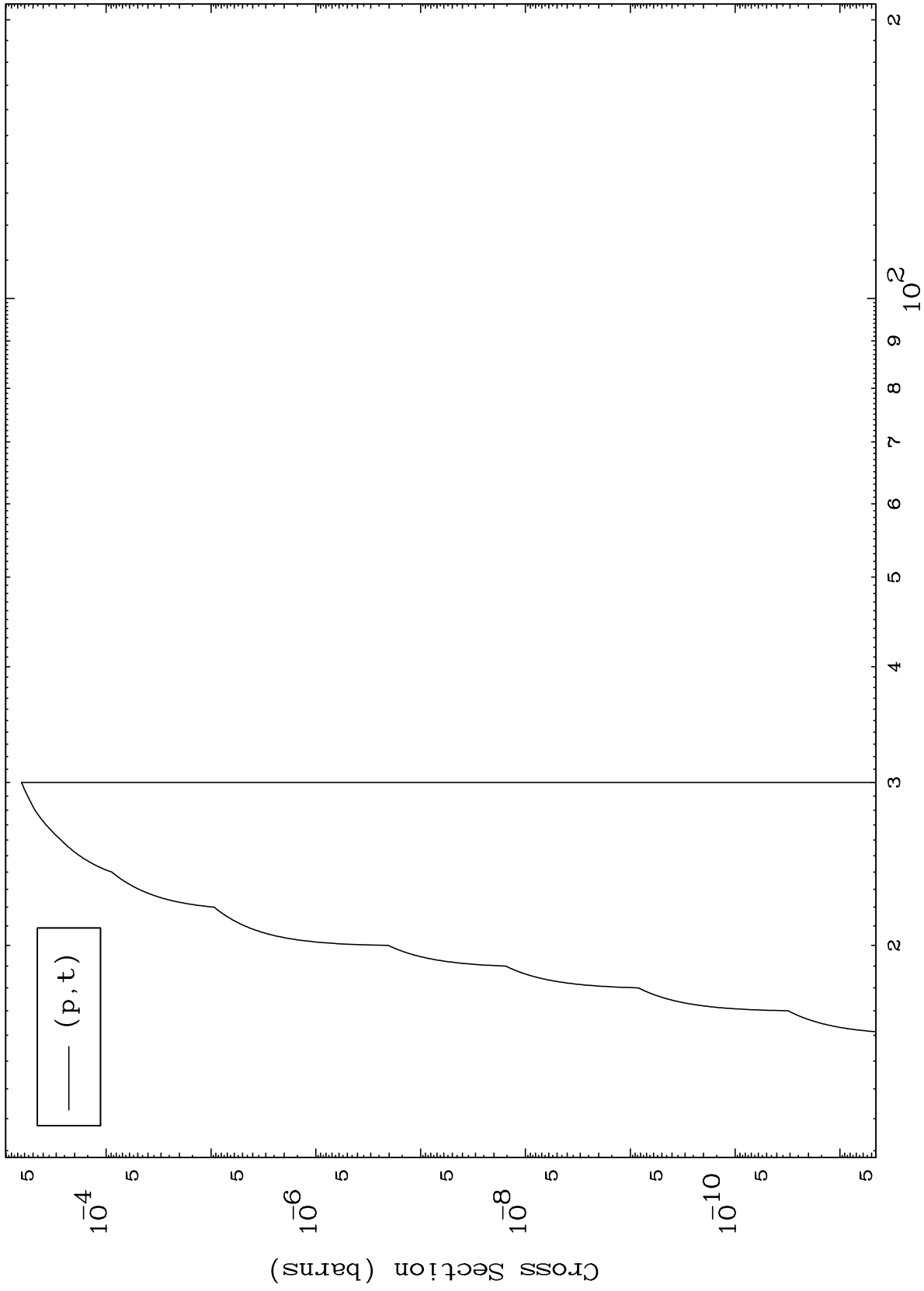


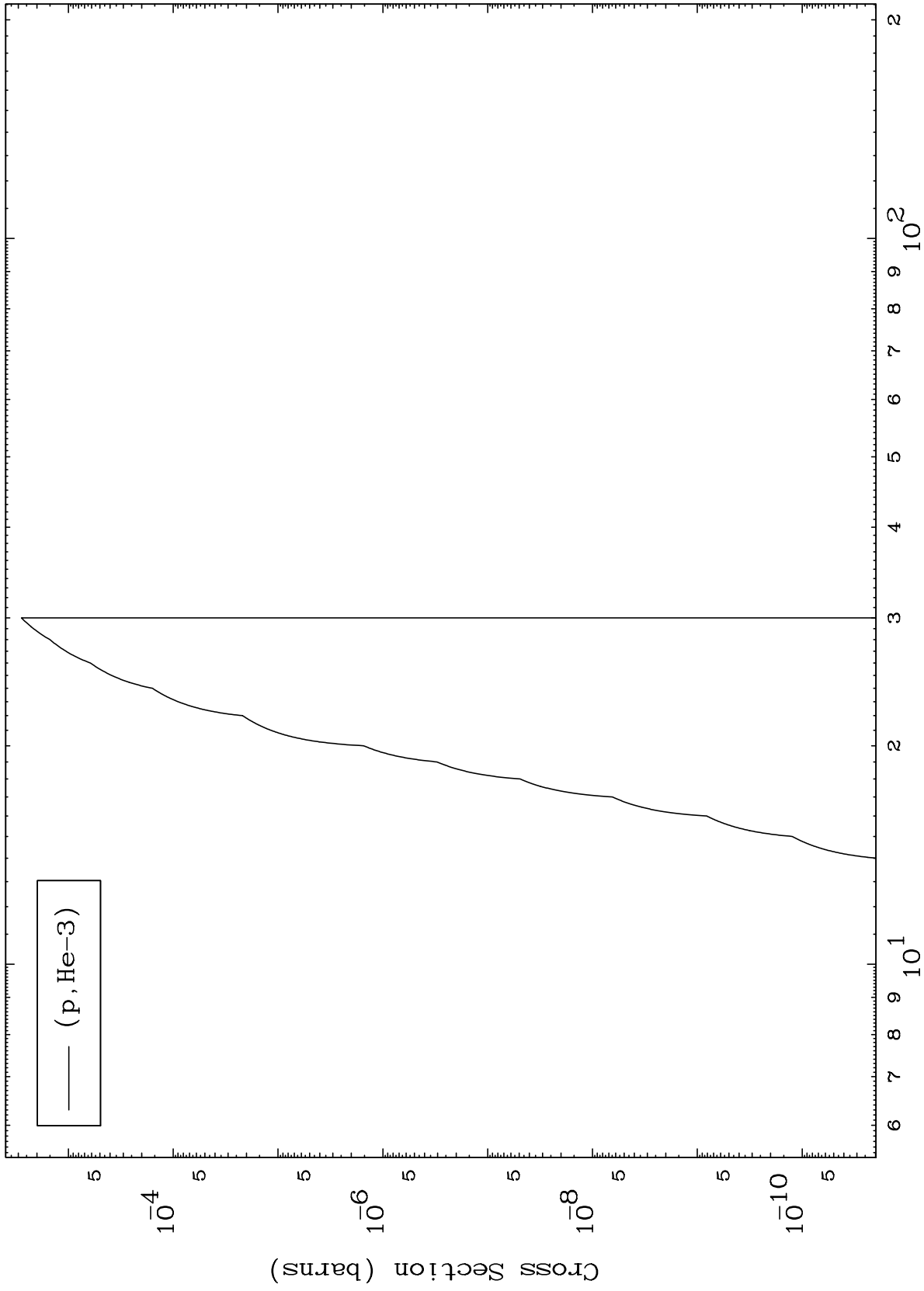
6

Incident Energy (MeV)

59-Pr-131



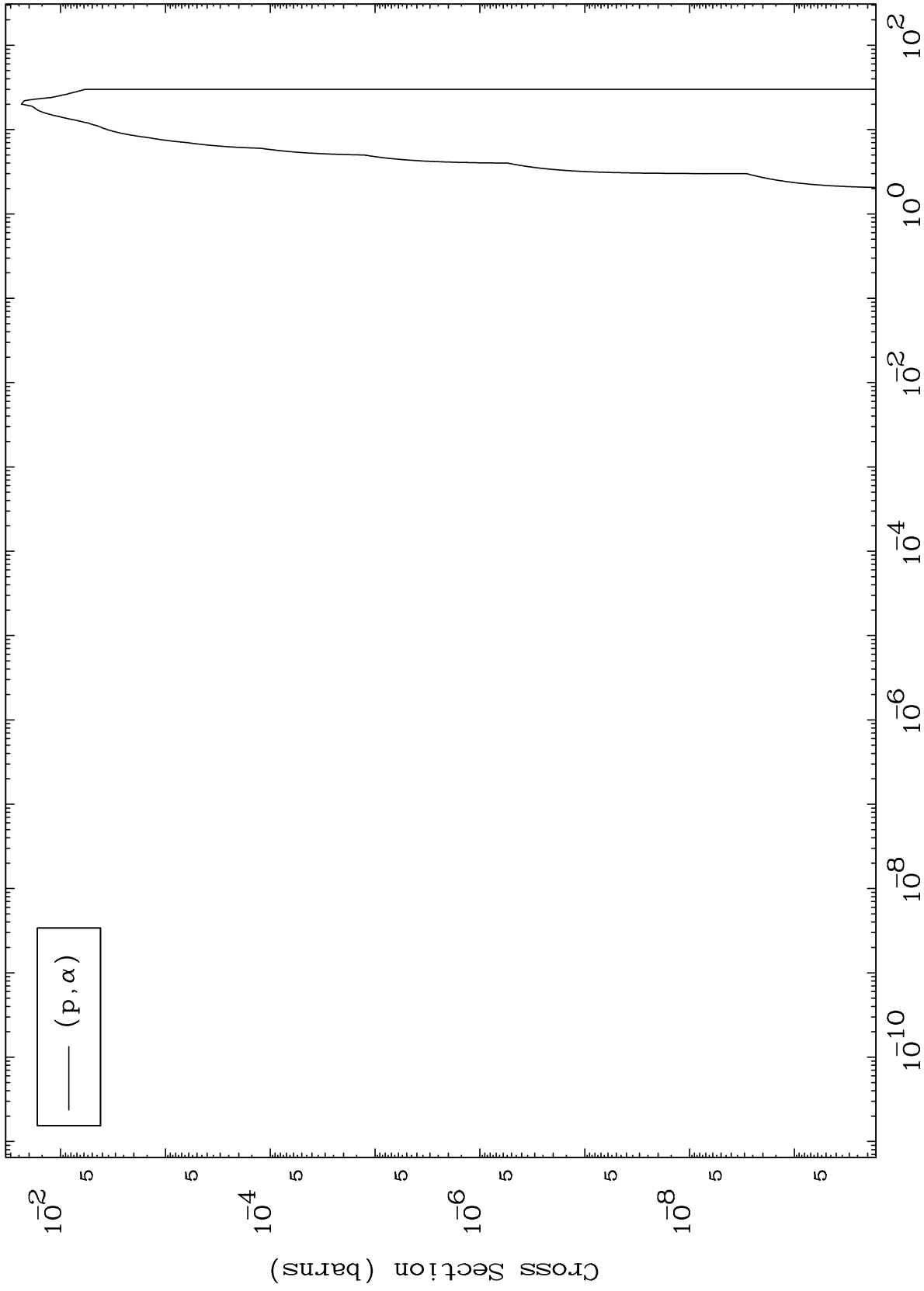




MAT 5895

(p,α) Levels
0 Kelvin Cross Sections

59-Pr-131



10

Incident Energy (MeV)

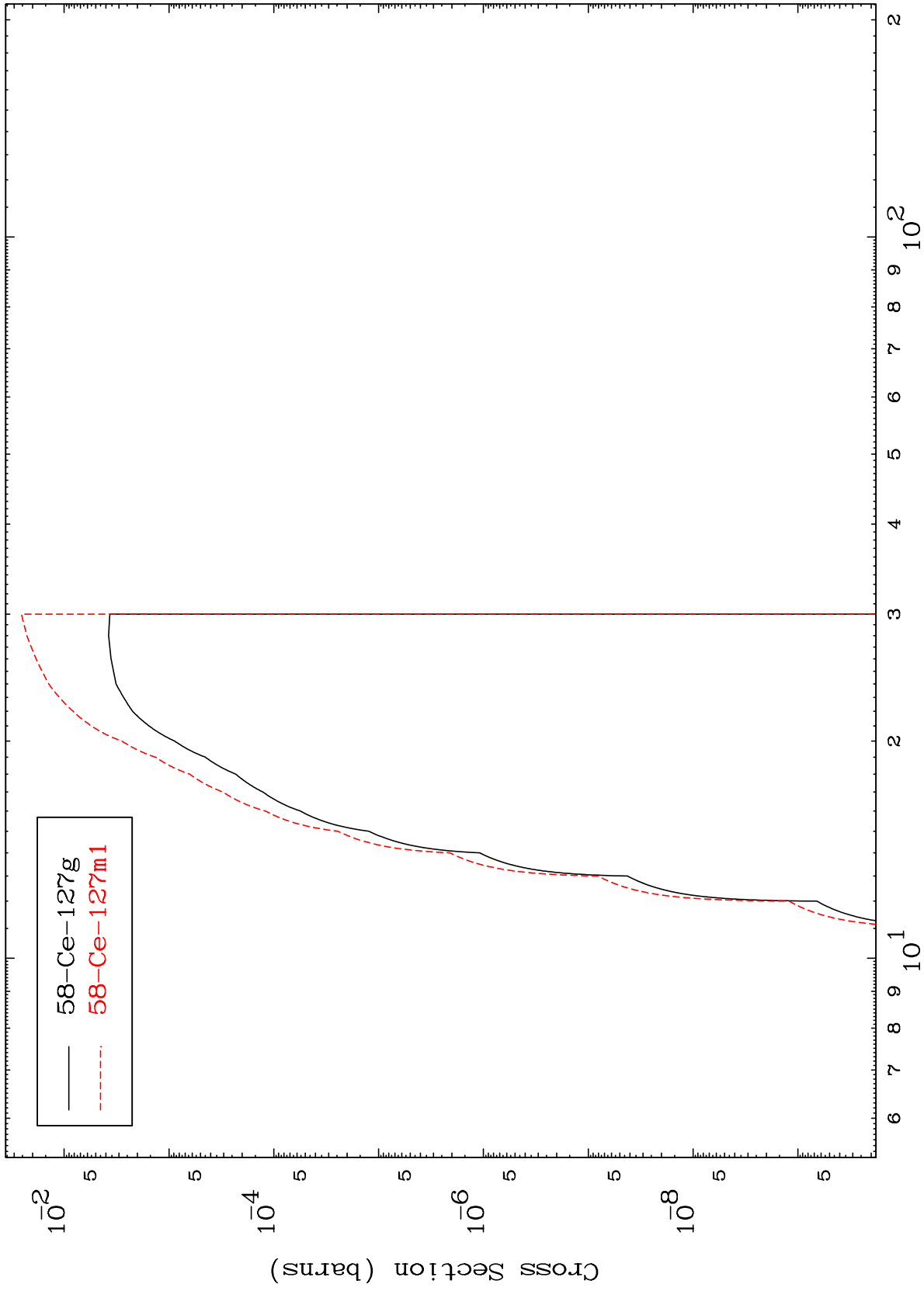
59-Pr-131

MAT 5895

(p,n') α

59-Pr-131

Radionuclide Production Cross Section



11

Incident Energy (MeV)

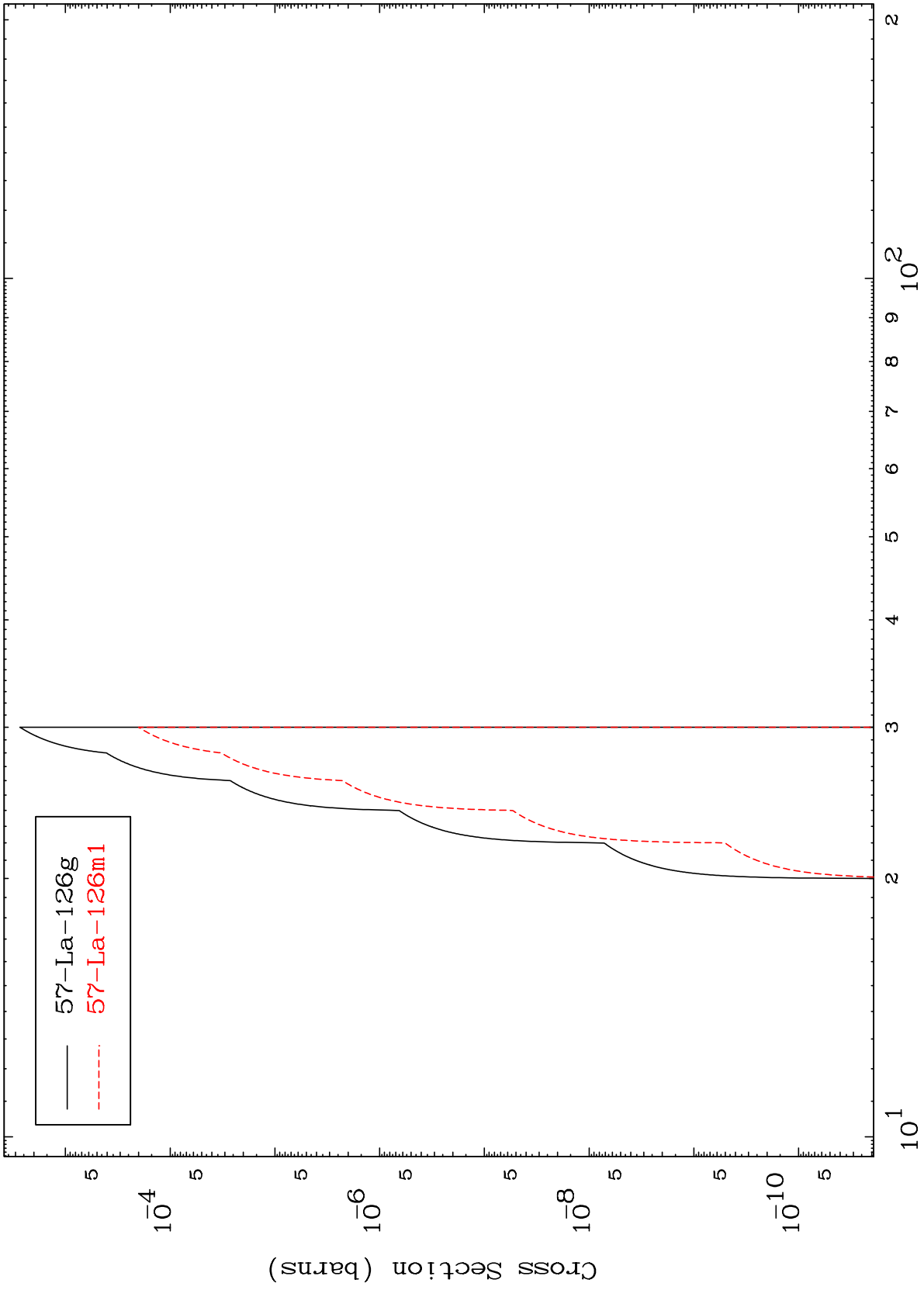
59-Pr-131

MAT 5895

(p,n') p α

59-Pr-131

Radionuclide Production Cross Section



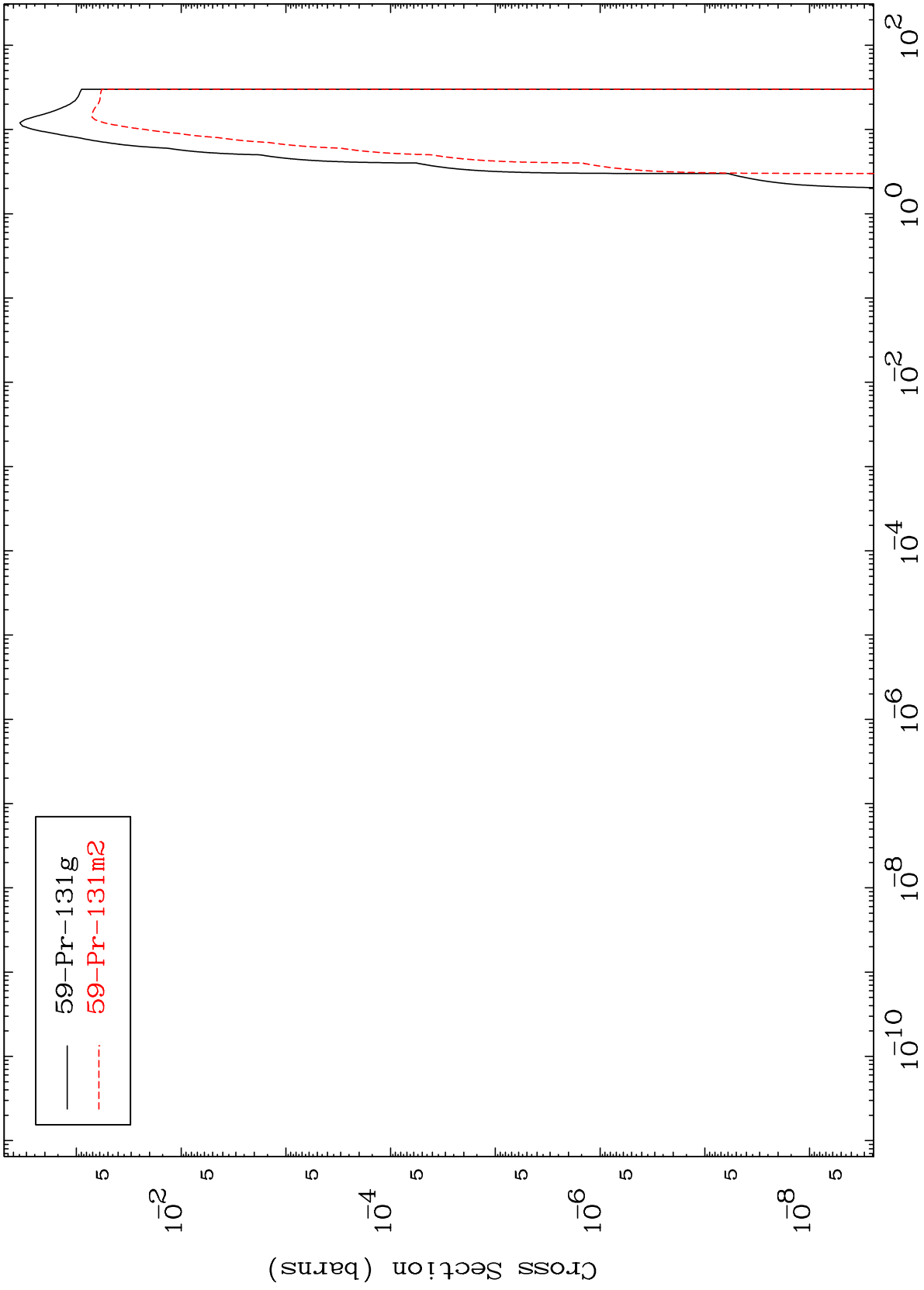
Incident Energy (MeV)

59-Pr-131

MAT 5895

(p,p)
Radionuclide Production Cross Section

⁵⁹Pr-131



13

Incident Energy (MeV)

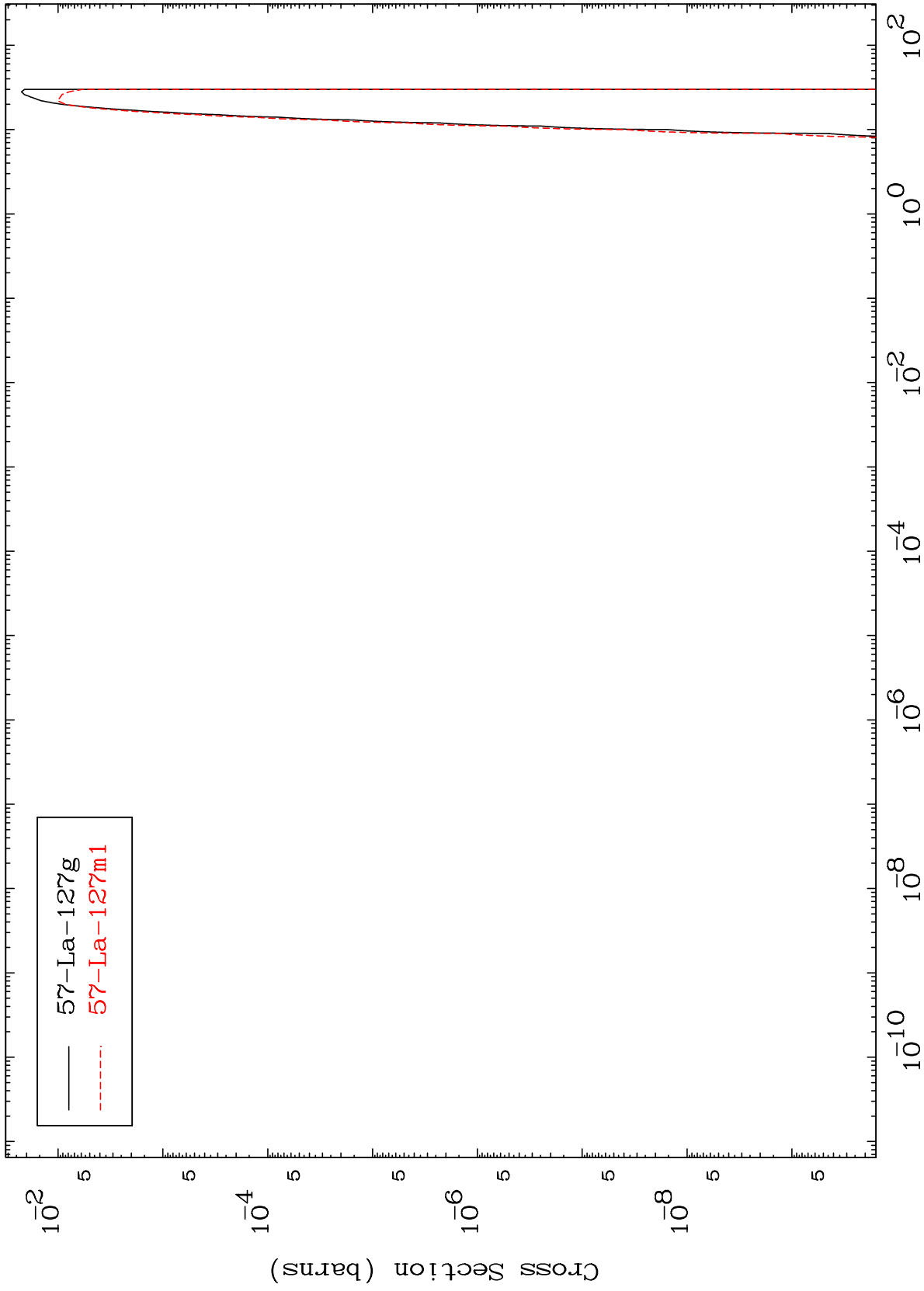
⁵⁹Pr-131

MAT 5895

(p,p) α

59-Pr-131

Radionuclide Production Cross Section

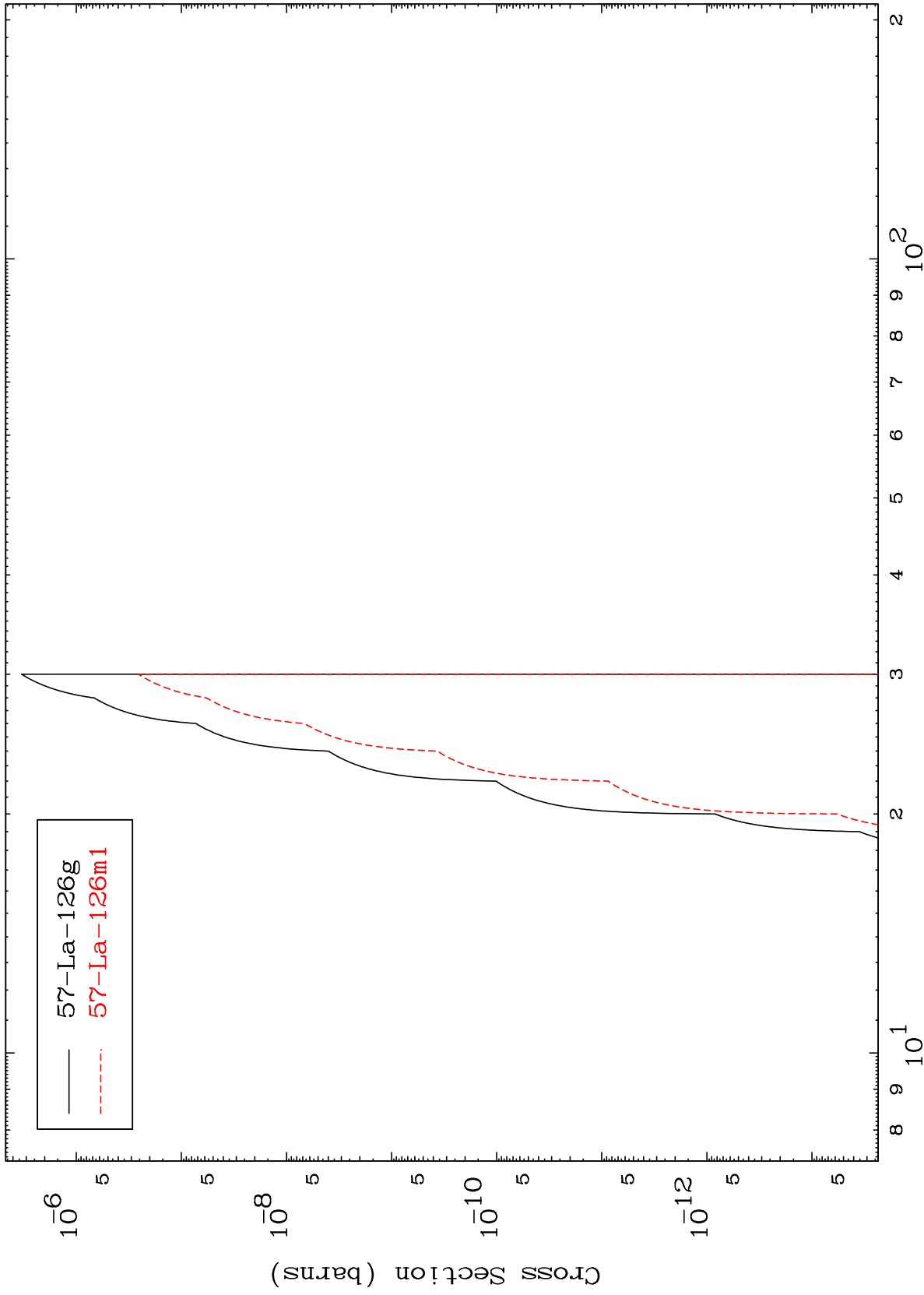


MAT 5895

(p,d) α

59-Pr-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

59-Pr-131