

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

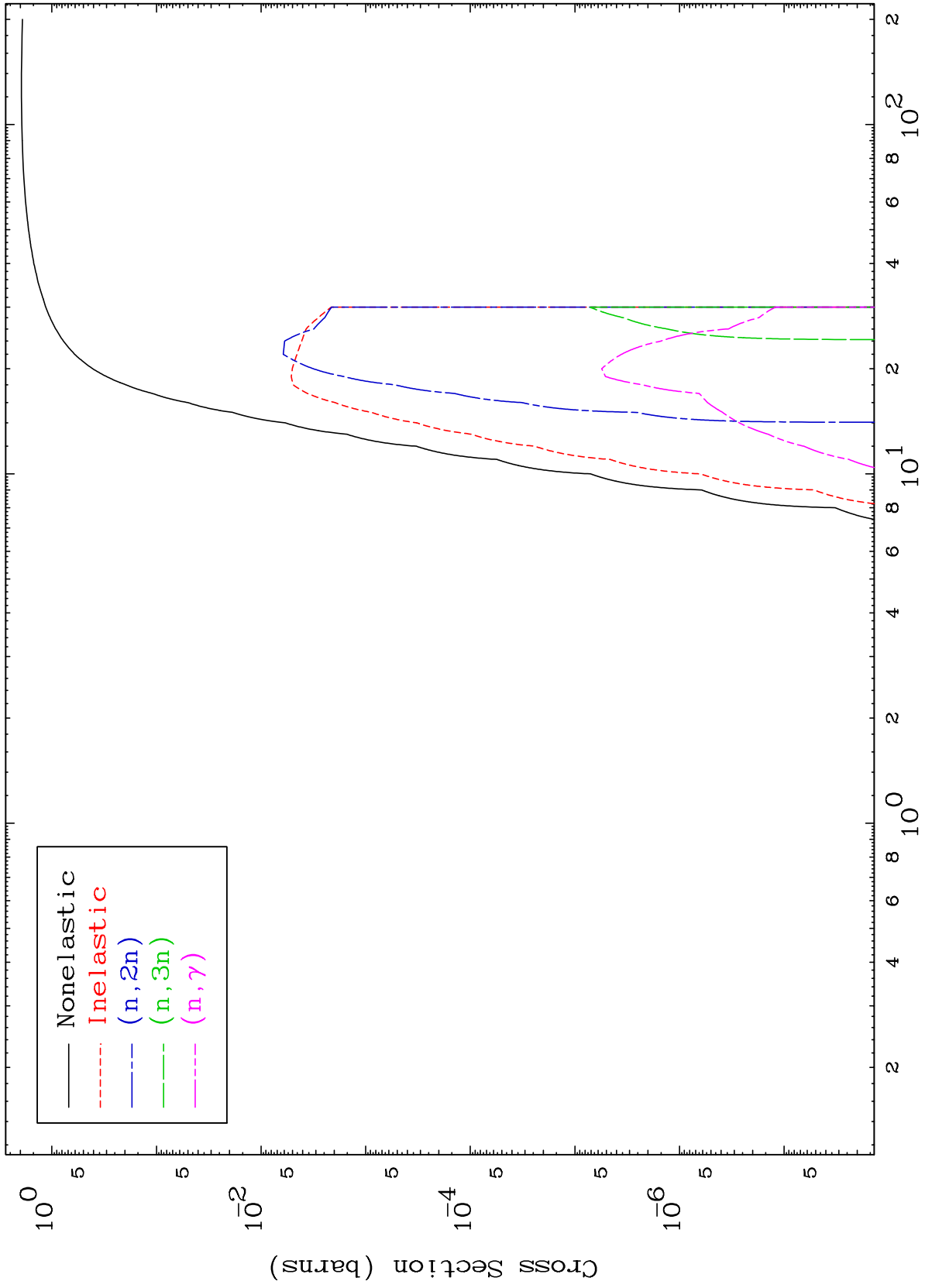
Press Mouse Button to Start

MAT 5896

He-3 Major

59-Pr-131m

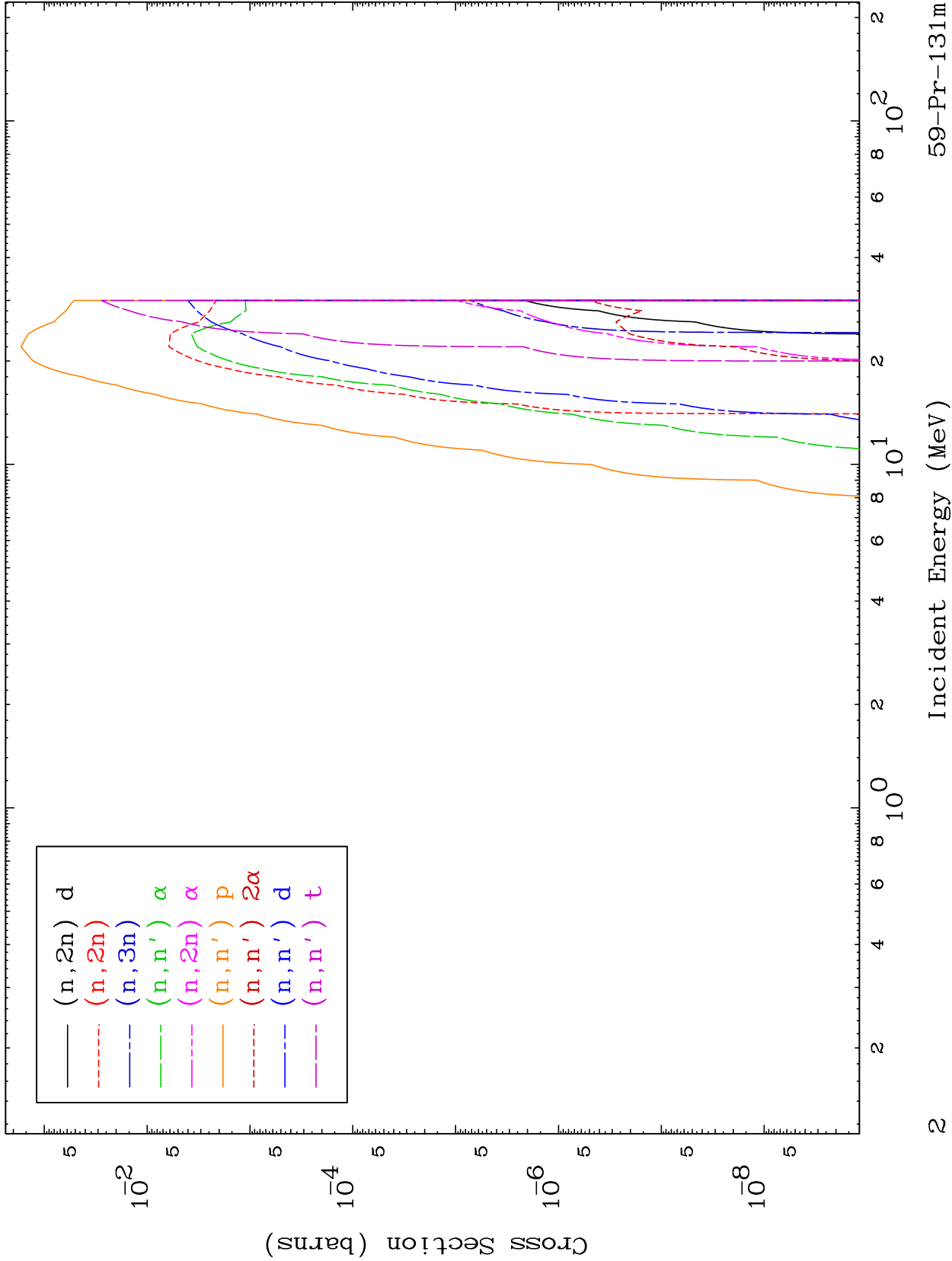
0 Kelvin Cross Sections

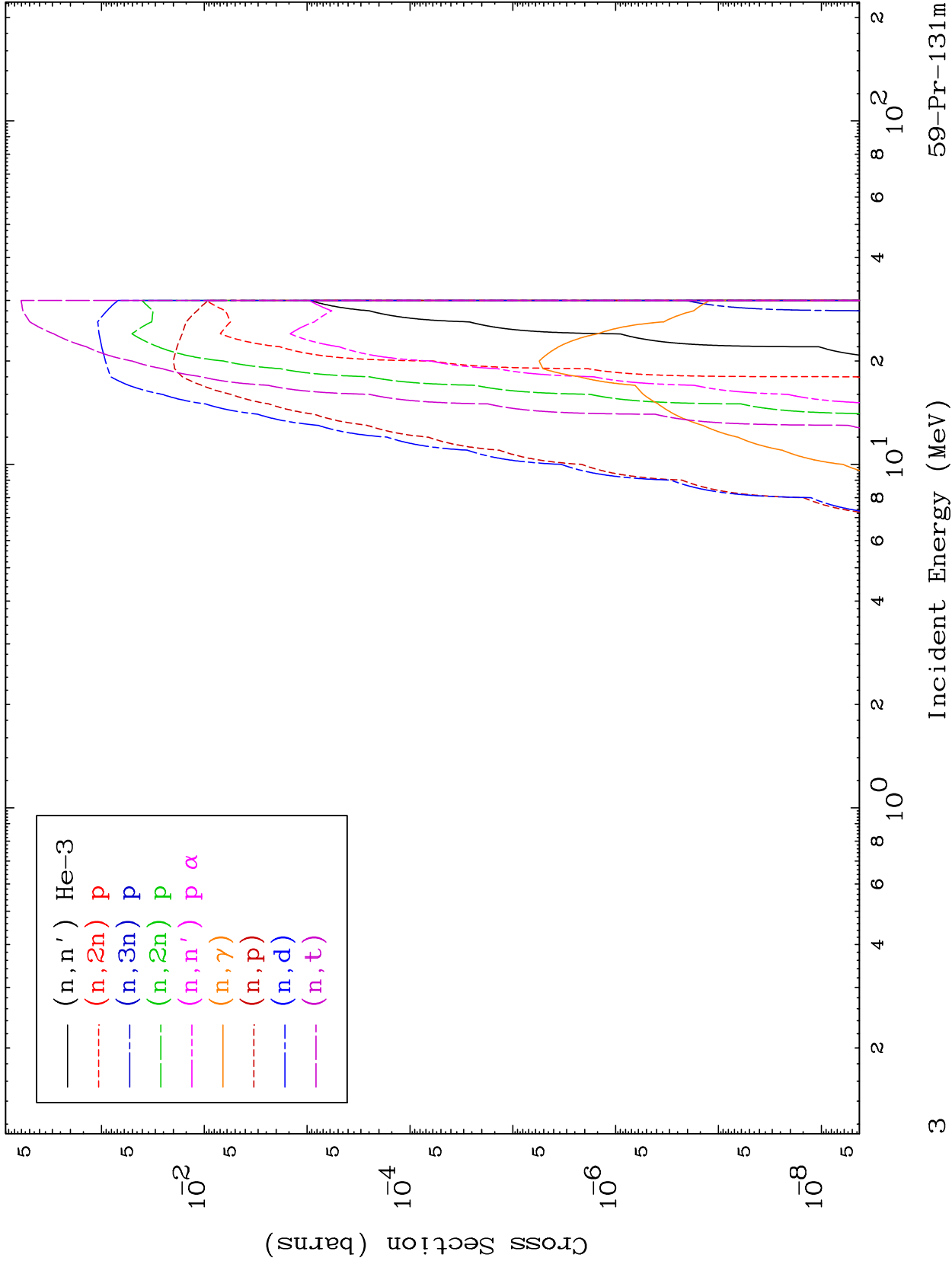


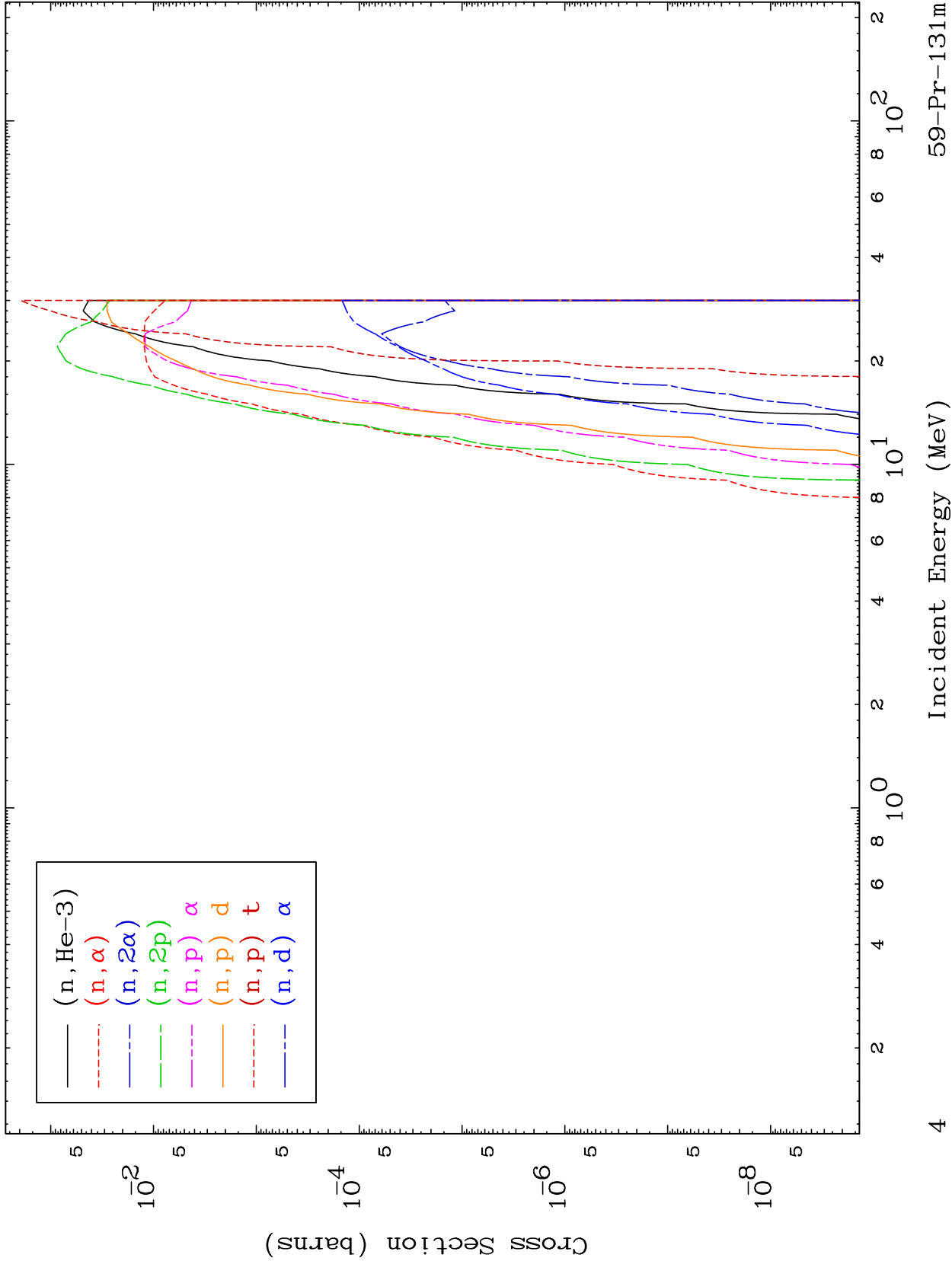
MAT 5896

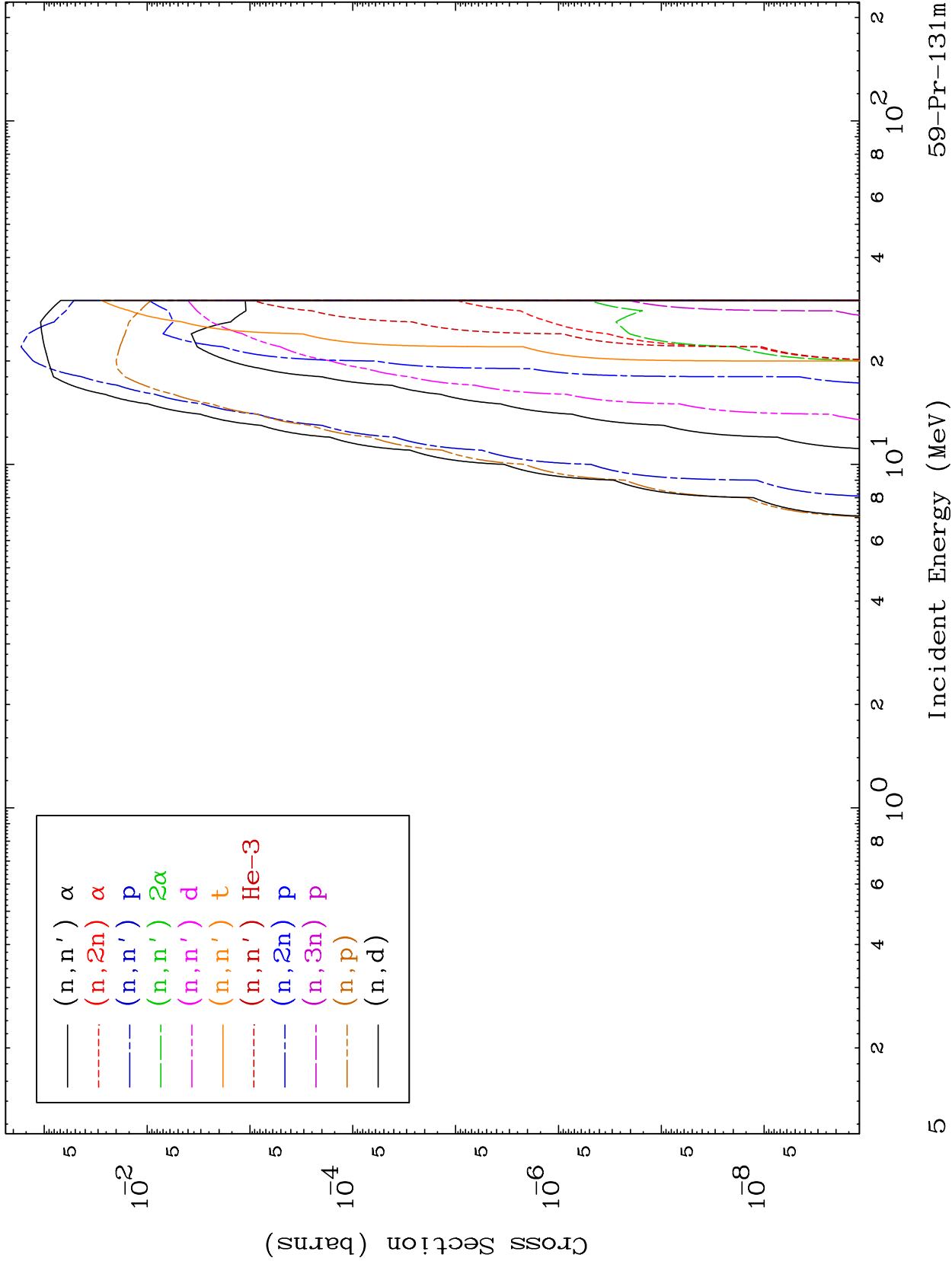
He-3 Neutron Absorption
0 Kelvin Cross Sections

59-Pr-131m





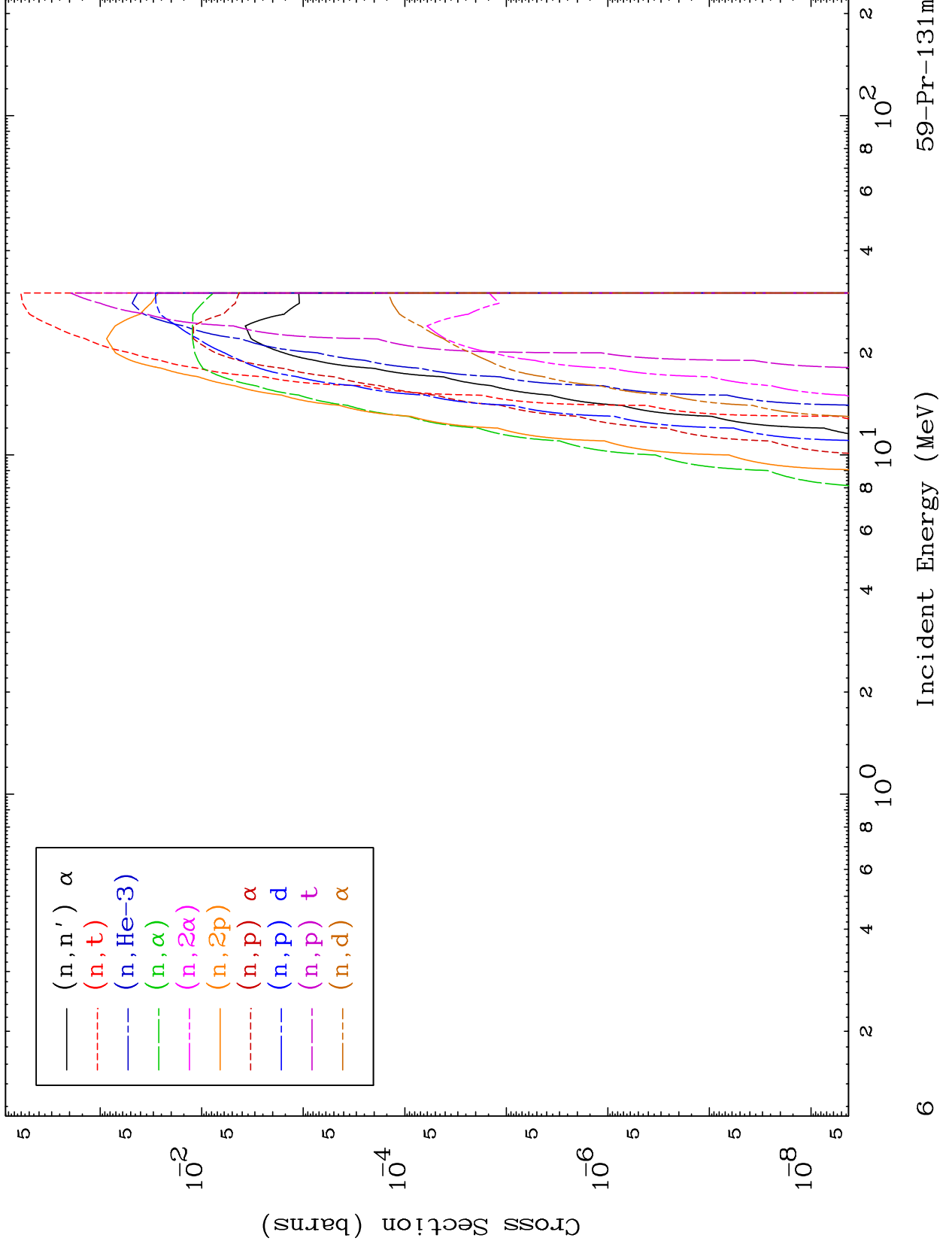




MAT 5896

He-3 Charged Particle
0 Kelvin Cross Sections

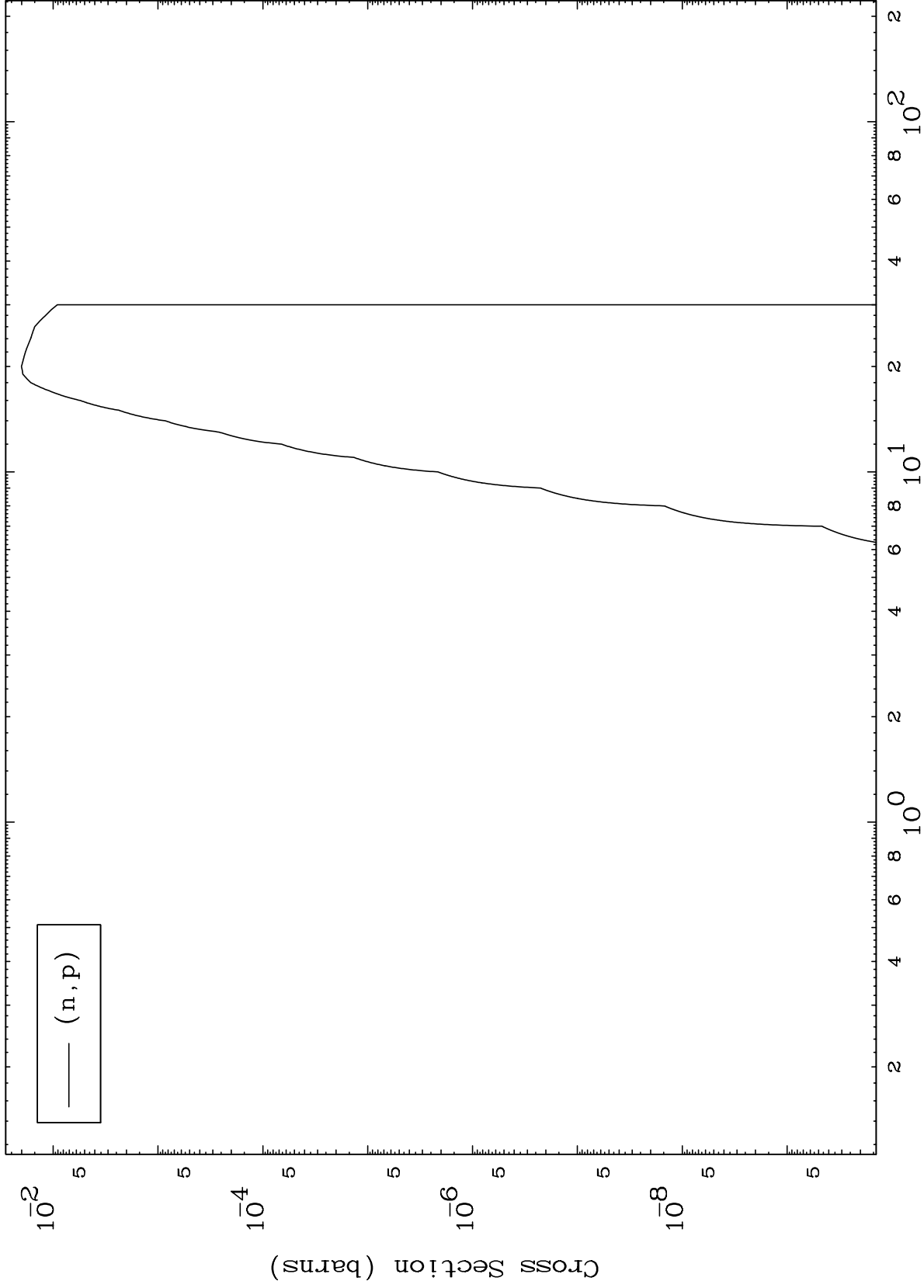
59-Pr-131m



MAT 5896

(He-3,p) Levels
0 Kelvin Cross Sections

59-Pr-131m



7

Incident Energy (MeV)

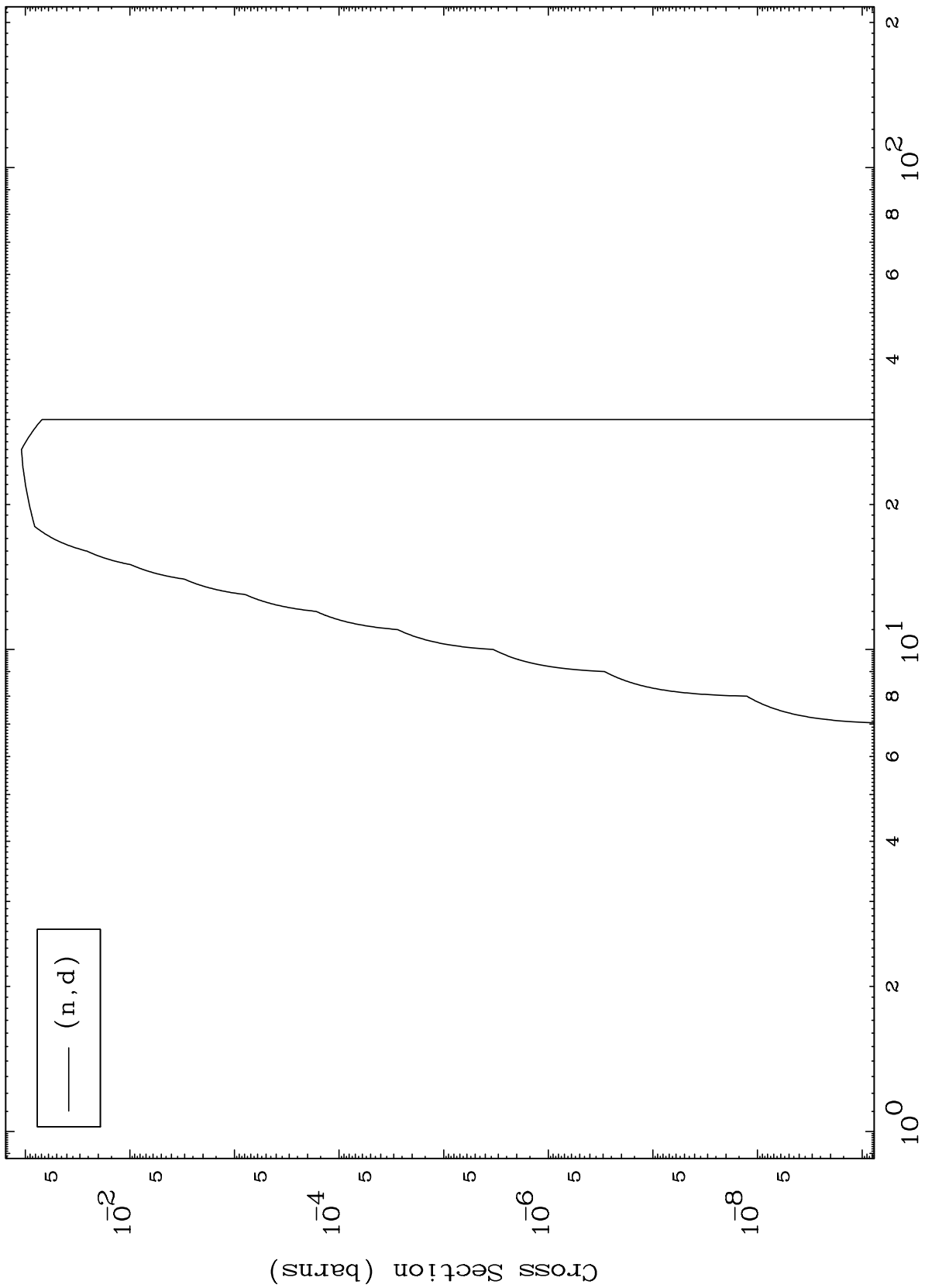
59-Pr-131m

MAT 5896

(He-3,d) Levels

59-Pr-131m

0 Kelvin Cross Sections



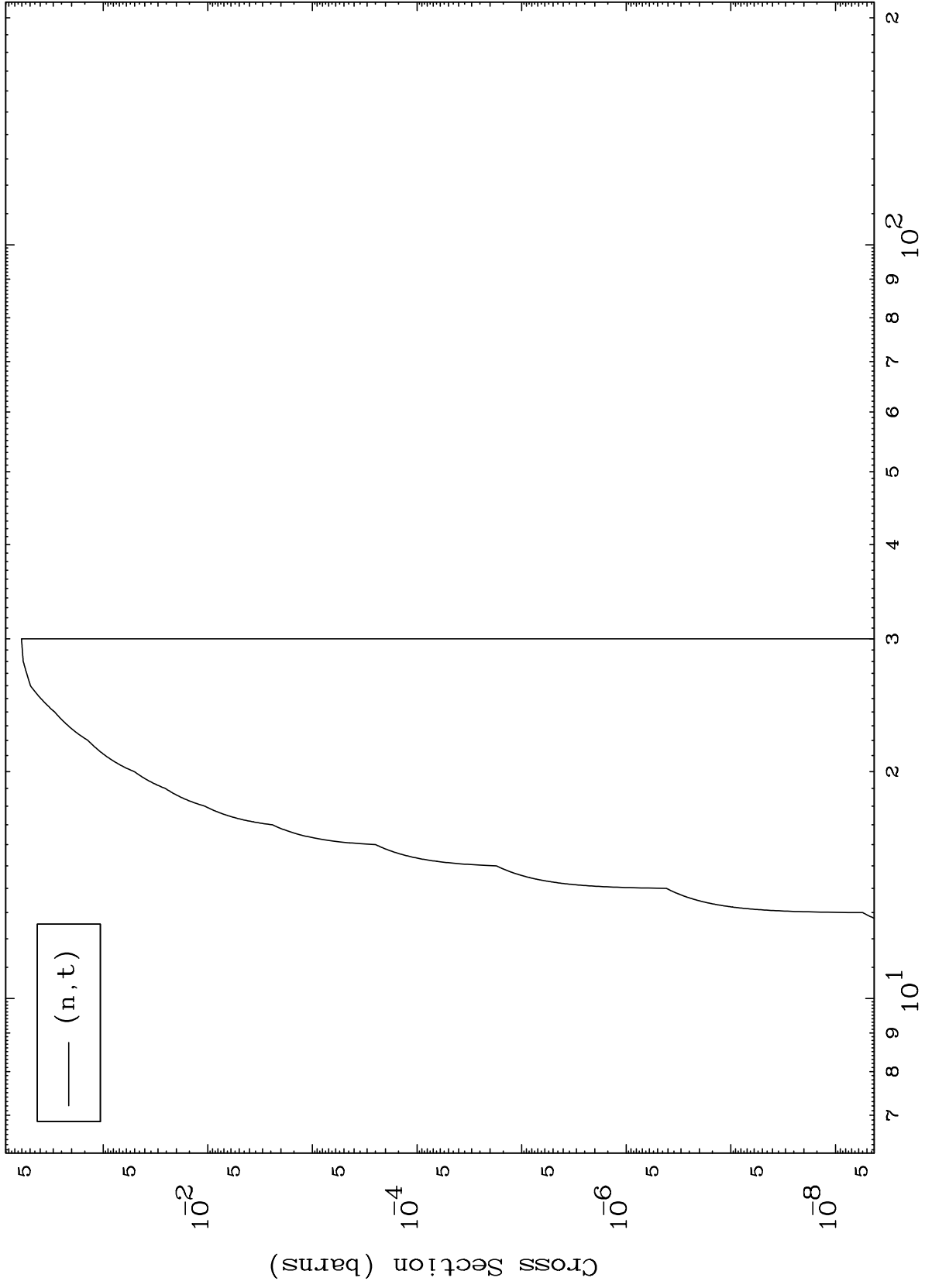
Incident Energy (MeV)

59-Pr-131m

MAT 5896

(He-3,t) Levels
0 Kelvin Cross Sections

59-Pr-131m

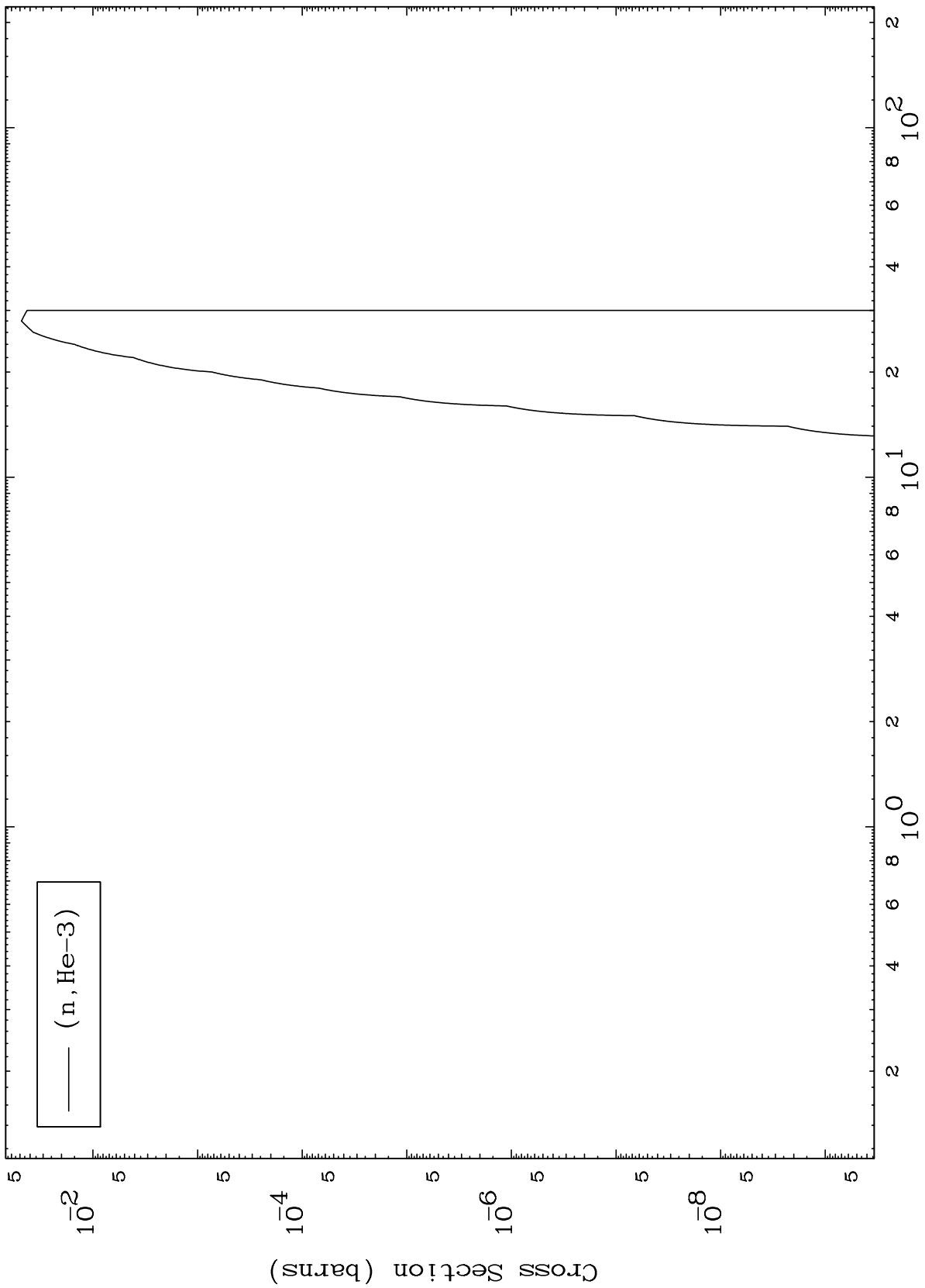


MAT 5896

(He-3, He3) Levels

59-Pr-131m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

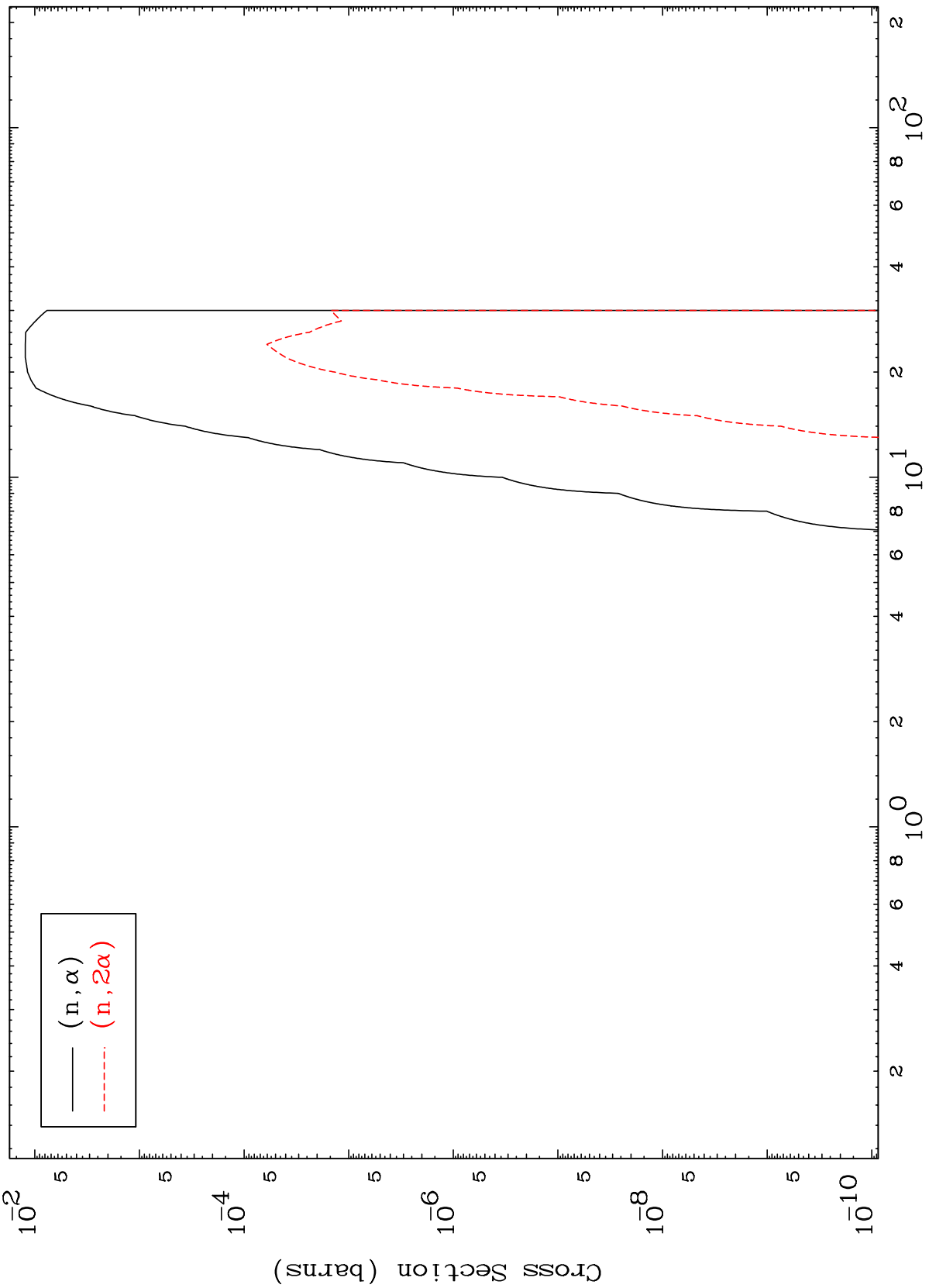
59-Pr-131m

MAT 5896

(He-3, α) Levels

59-Pr-131m

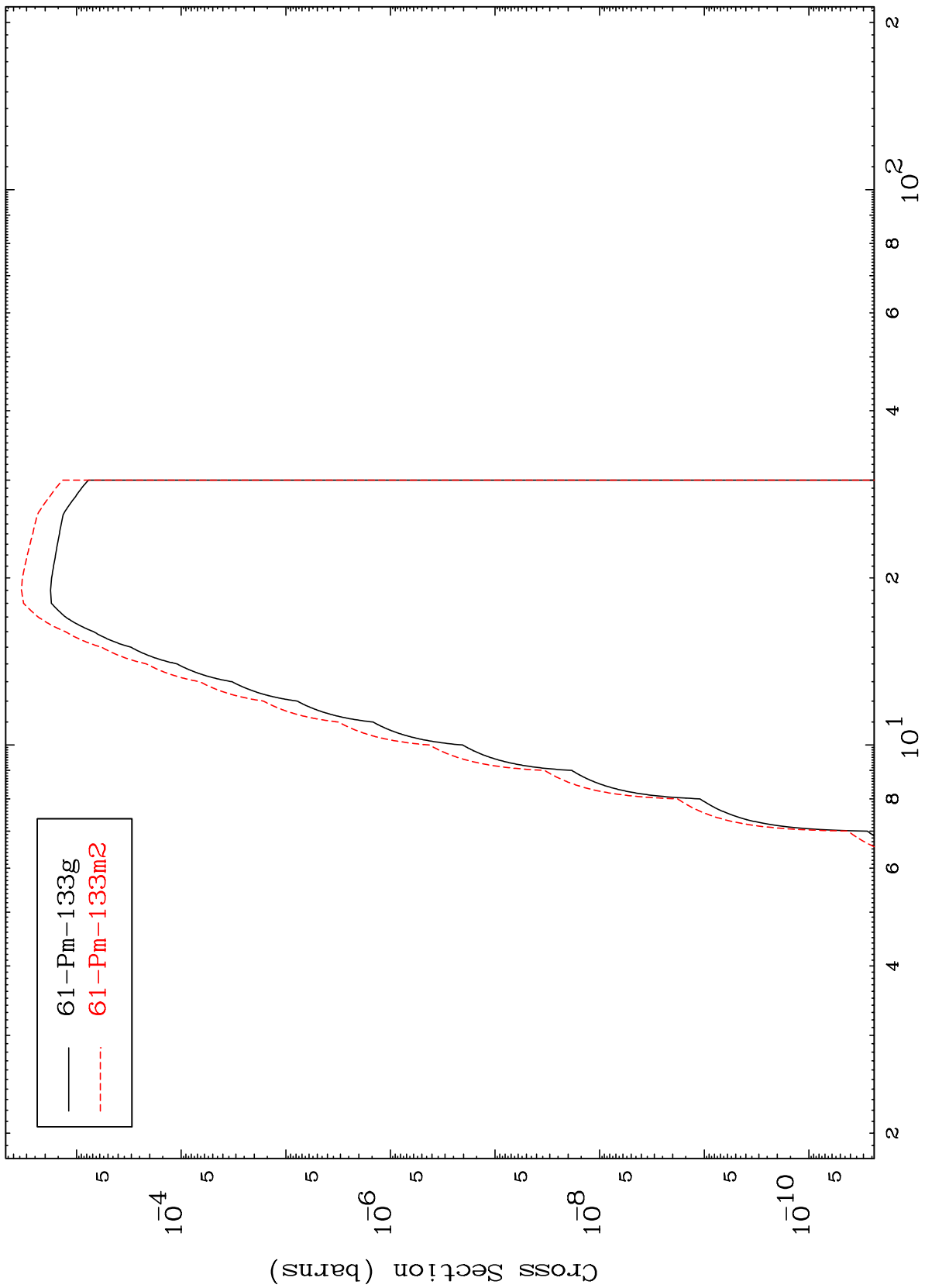
0 Kelvin Cross Sections



MAT 5896

59-Pr-131m

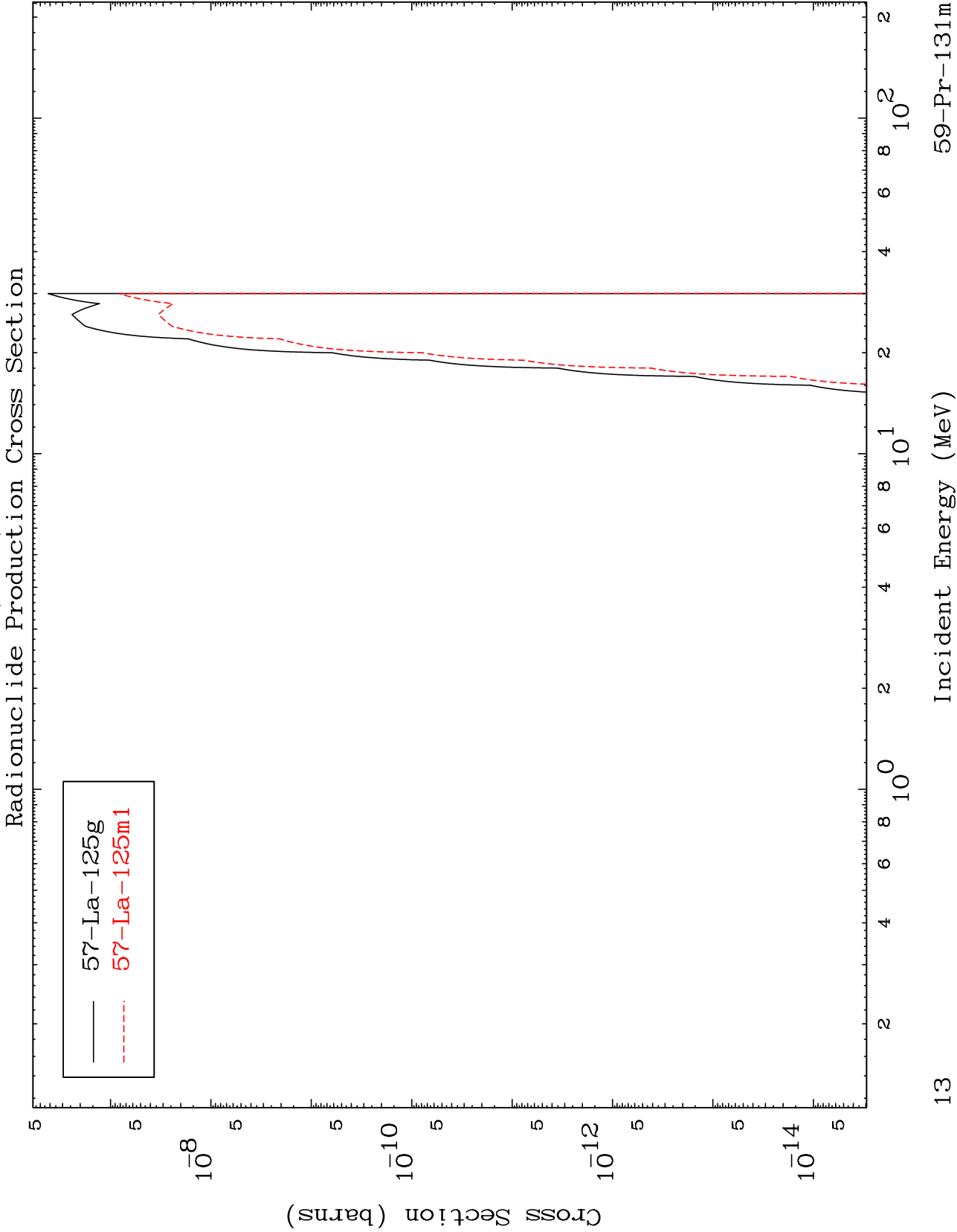
Radionuclide Production Cross Section



MAT 5896

(n,n') 2 α

59-Pr-131m

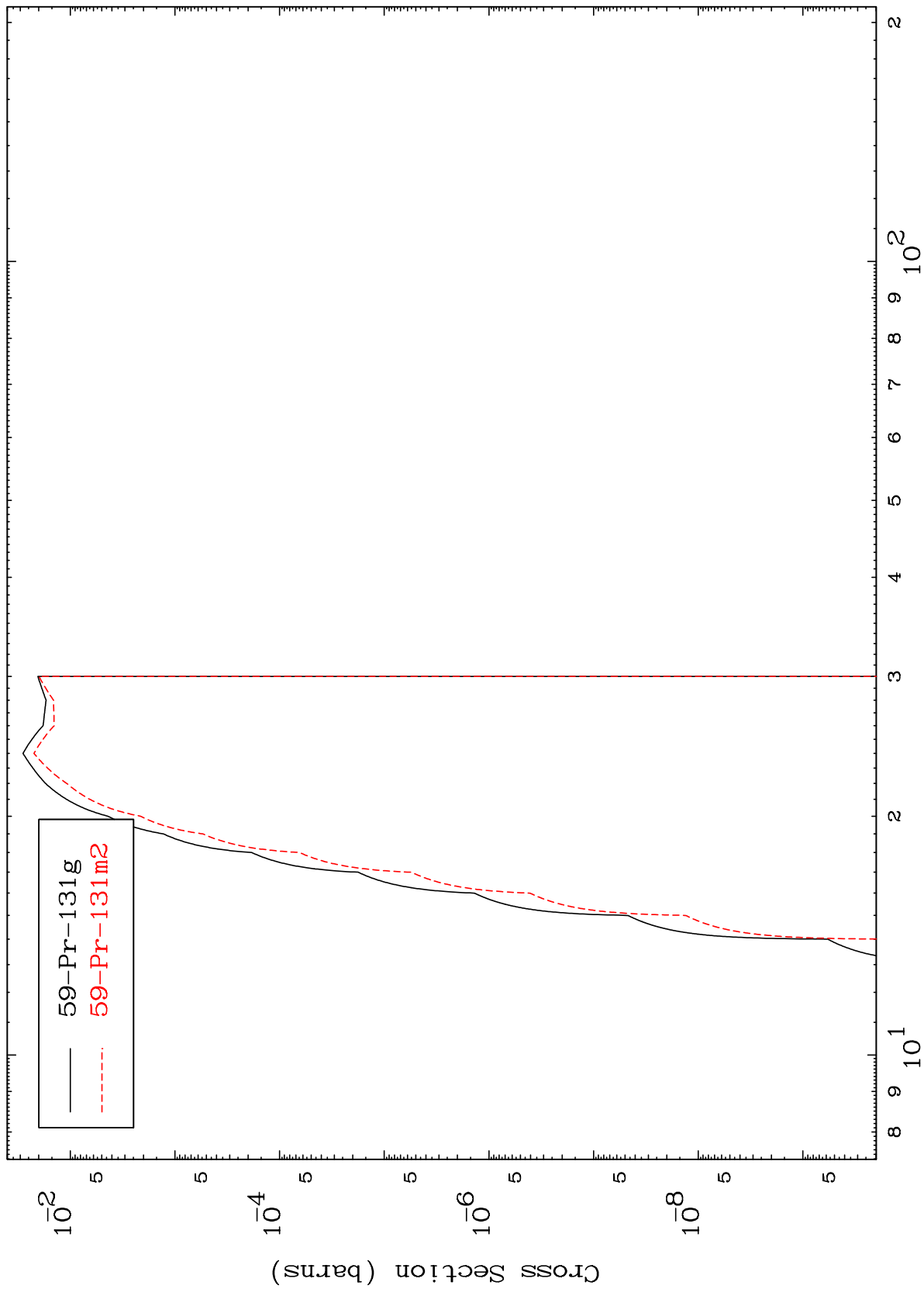


MAT 5896

(n,2n) p

59-Pr-131m

Radionuclide Production Cross Section



14

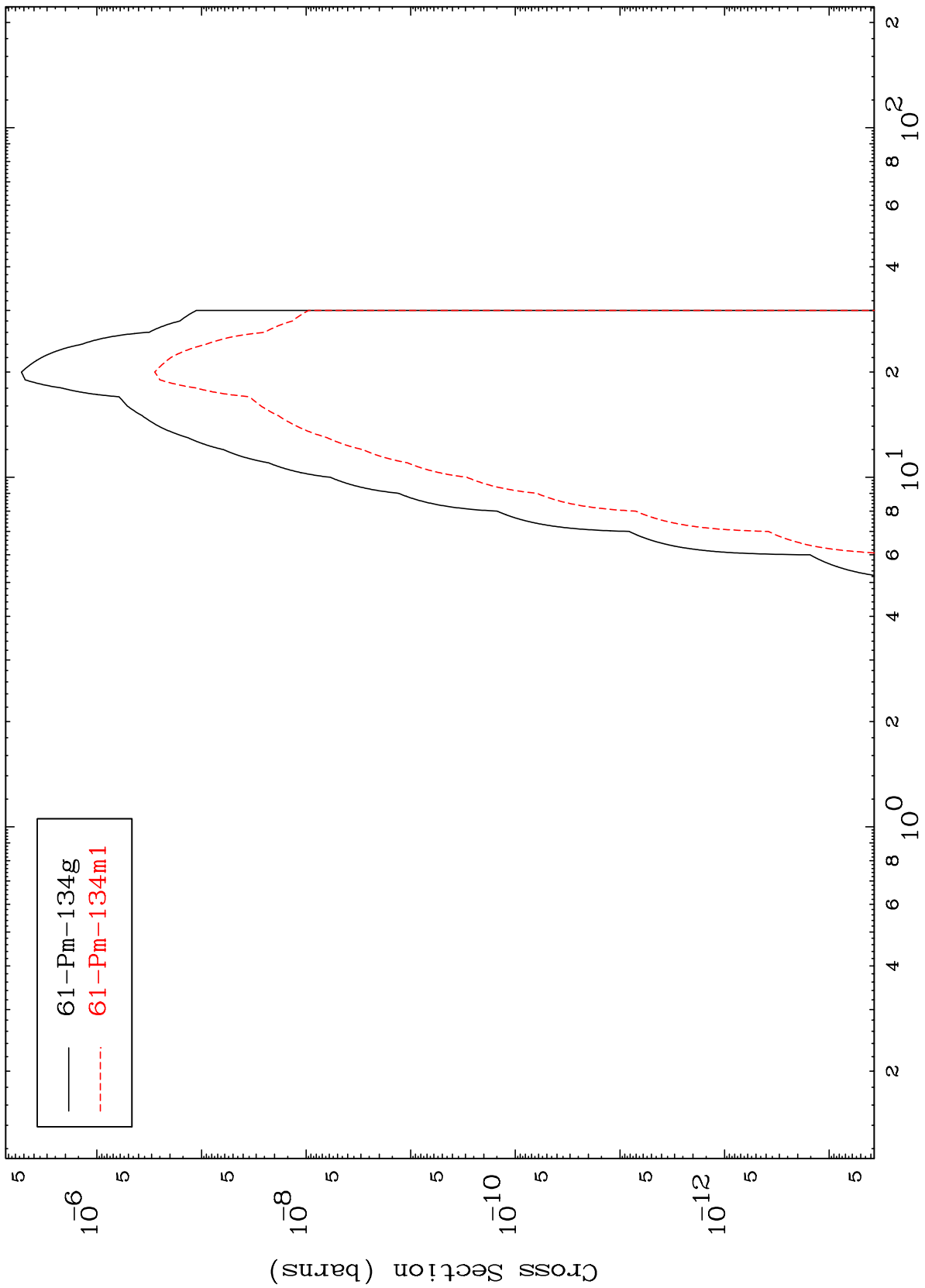
Incident Energy (MeV)

59-Pr-131m

MAT 5896

59-Pr-131m

(n, γ)
Radionuclide Production Cross Section



— 61-Pm-134g
- - - 61-Pm-134m1

59-Pr-131m

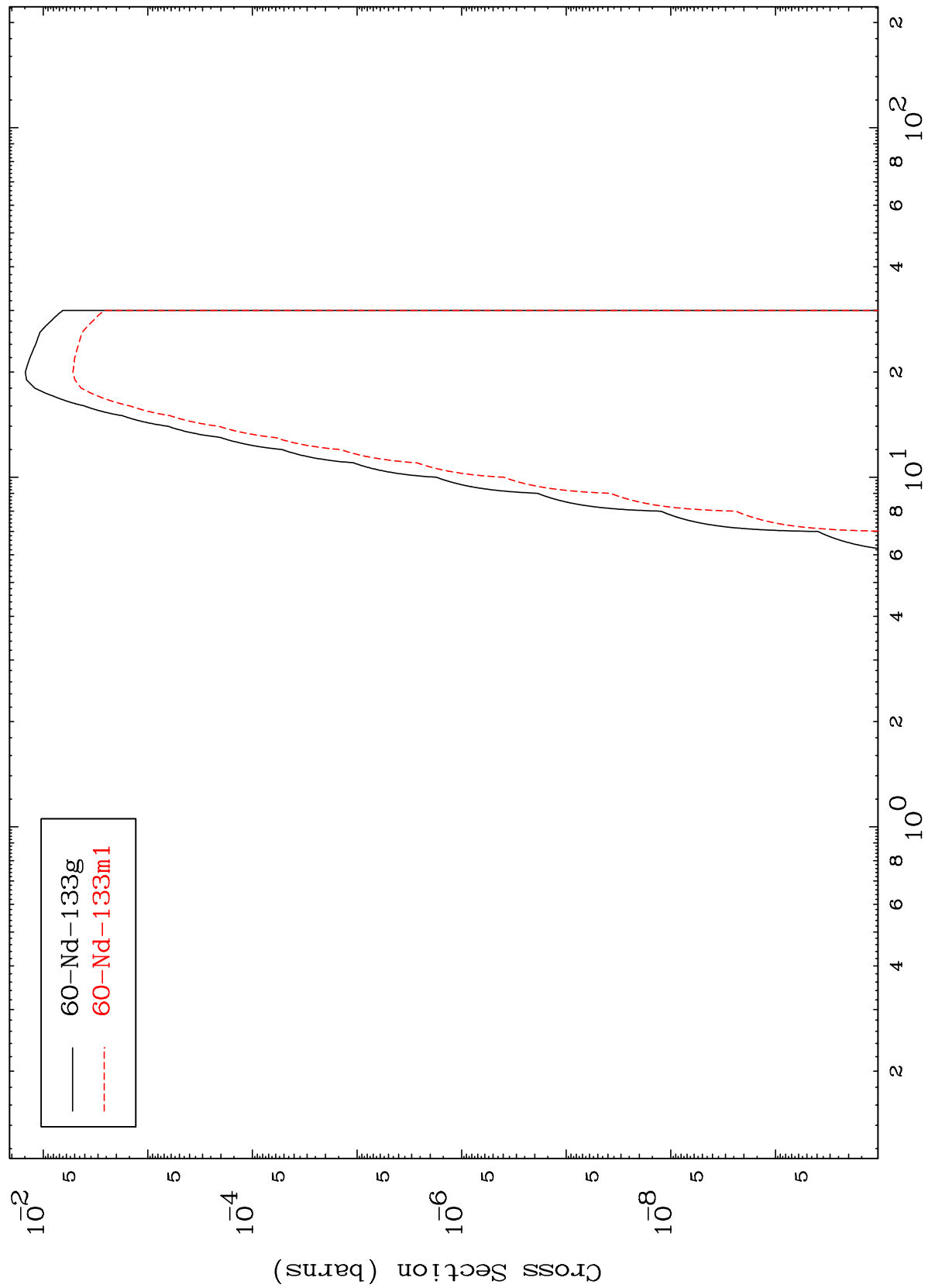
Incident Energy (MeV)

15

MAT 5896

59-Pr-131m

(n,p)
Radionuclide Production Cross Section

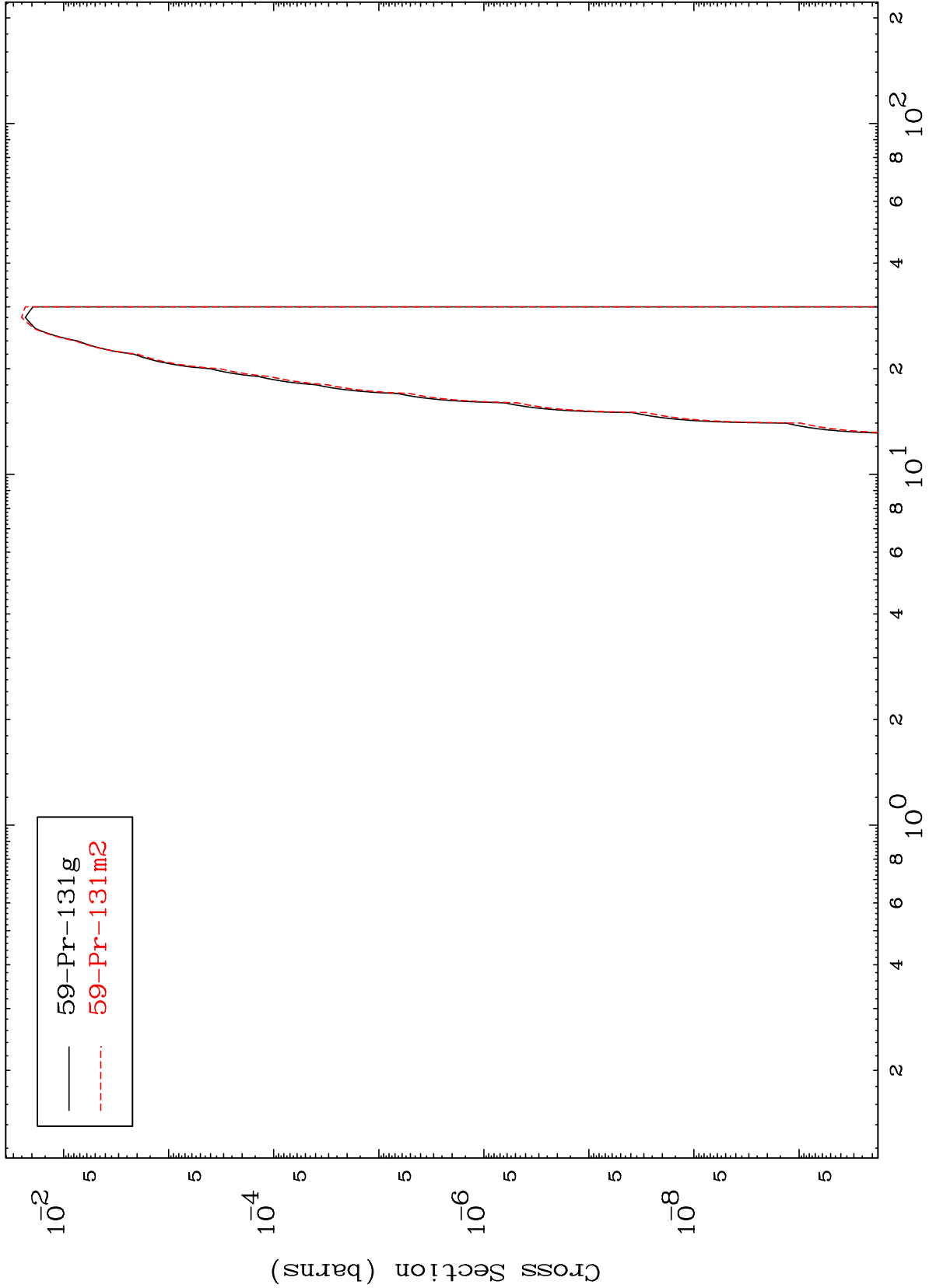


MAT 5896

(n,He-3)

59-Pr-131m

Radionuclide Production Cross Section

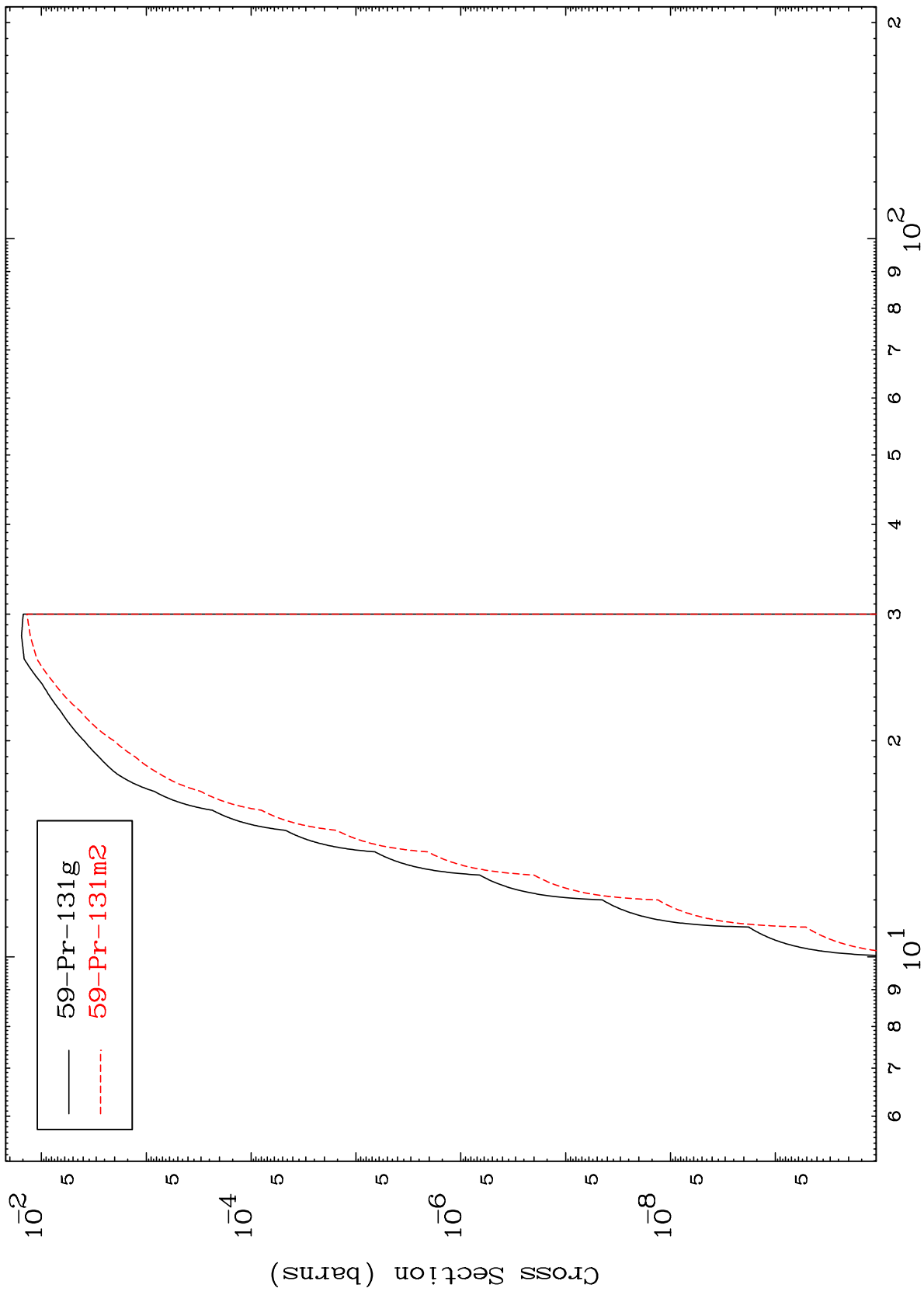


MAT 5896

(n,p) d

59-Pr-131m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

59-Pr-131m