

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

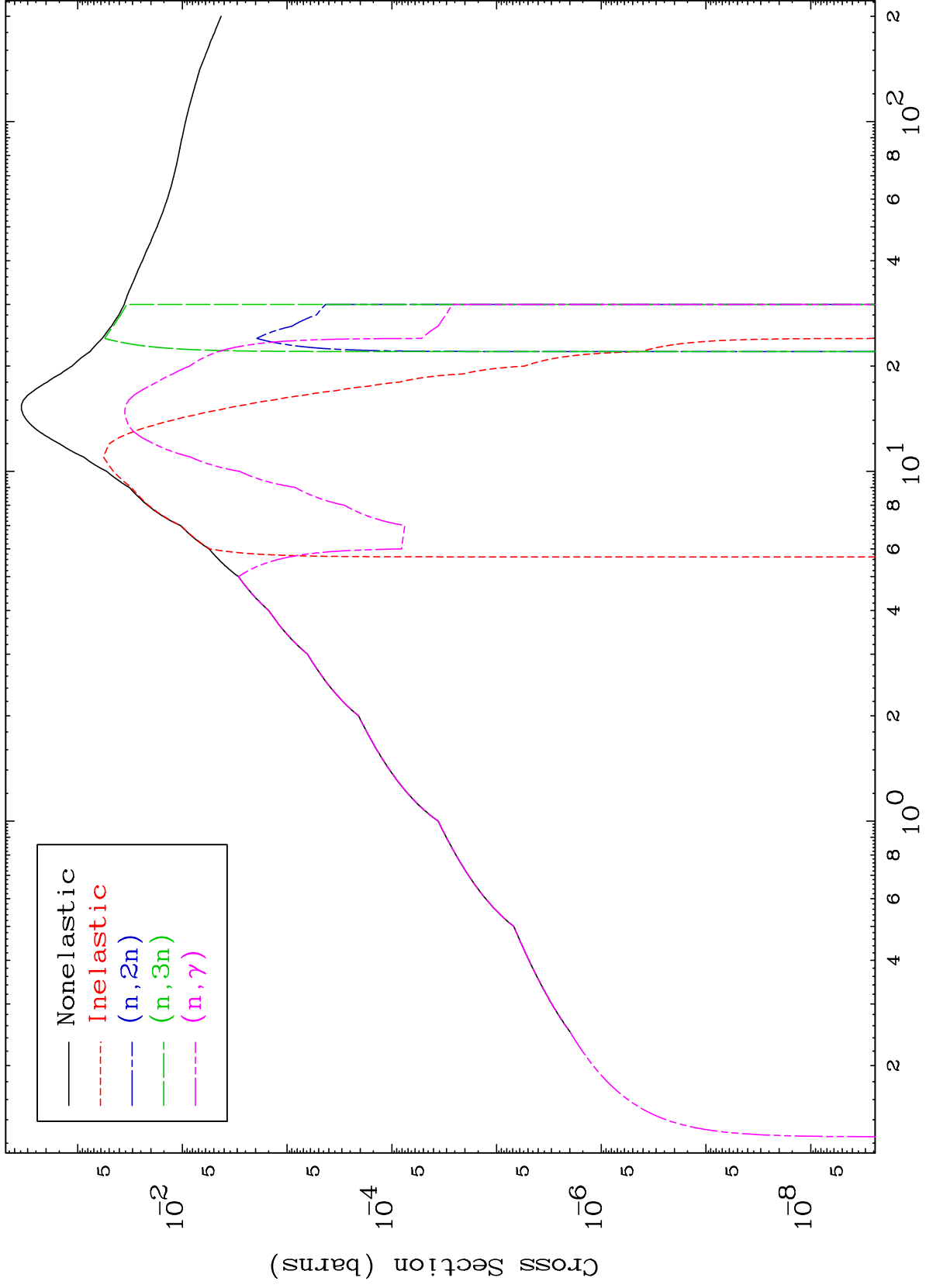
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5935

Photon Major
0 Kelvin Cross Sections

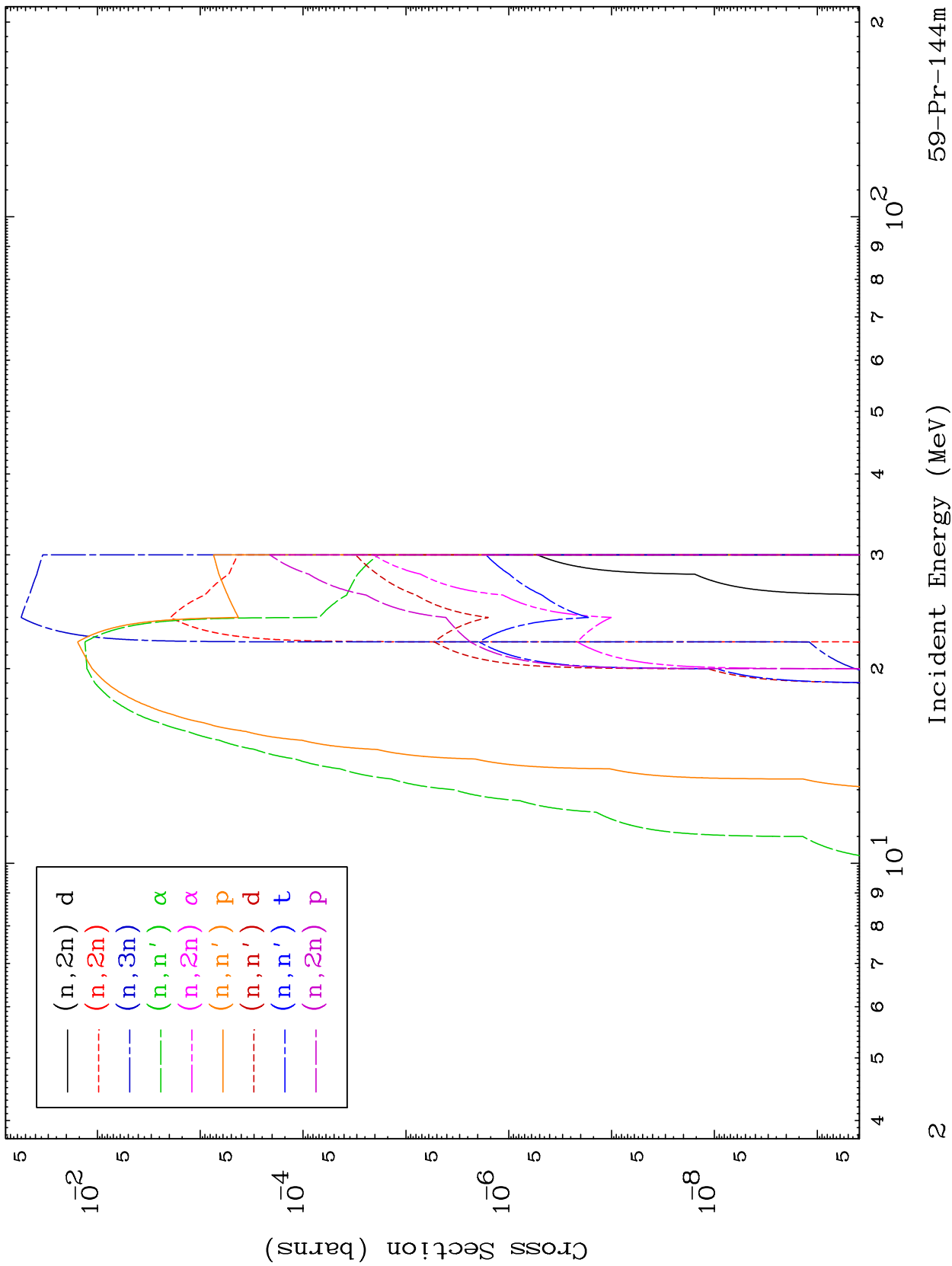
59-Pr-144m



MAT 5935

Photon Neutron Absorption
0 Kelvin Cross Sections

59-Pr-144m



59-Pr-144m

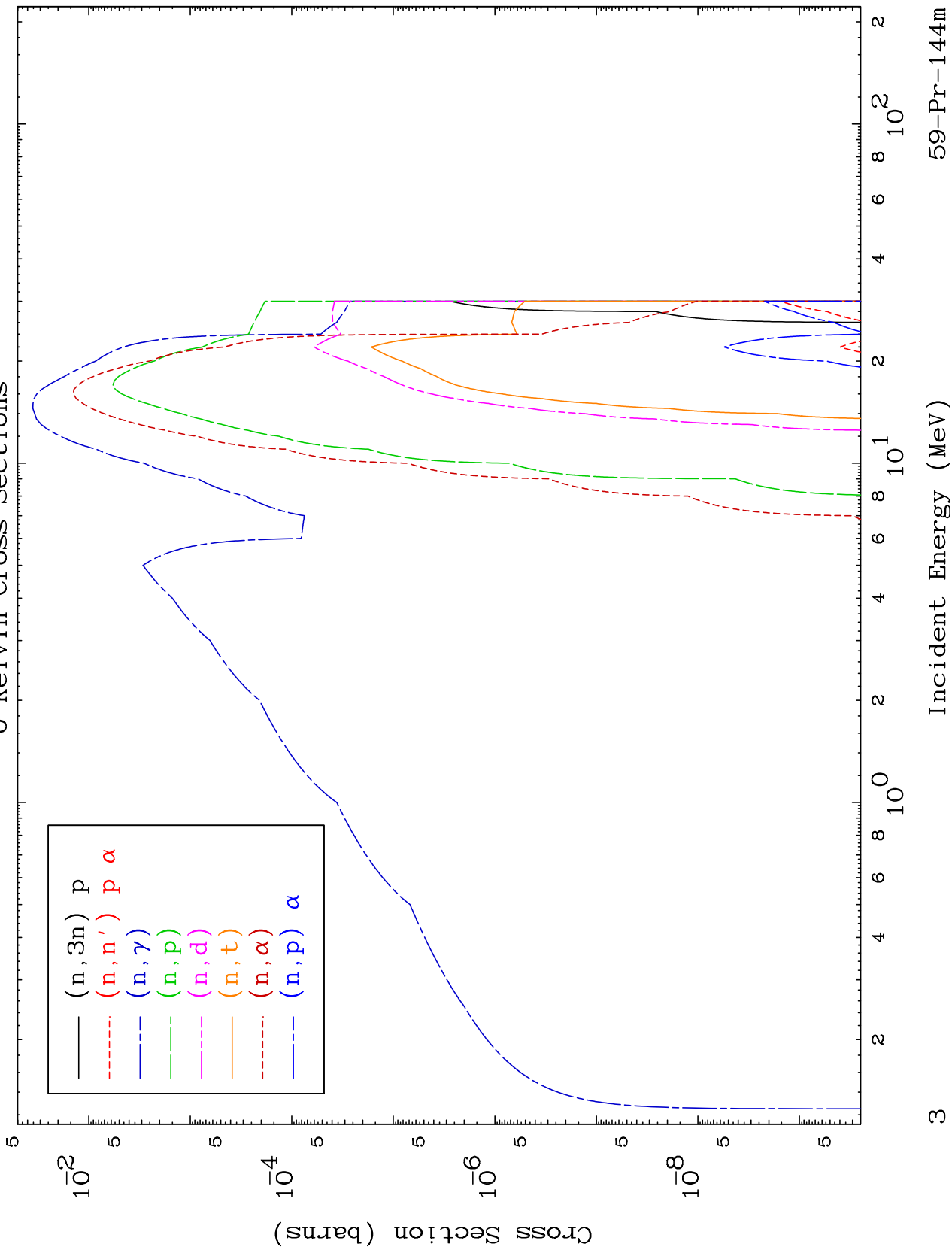
Incident Energy (MeV)

2

MAT 5935

Photon Neutron Absorption
0 Kelvin Cross Sections

59-Pr-144m



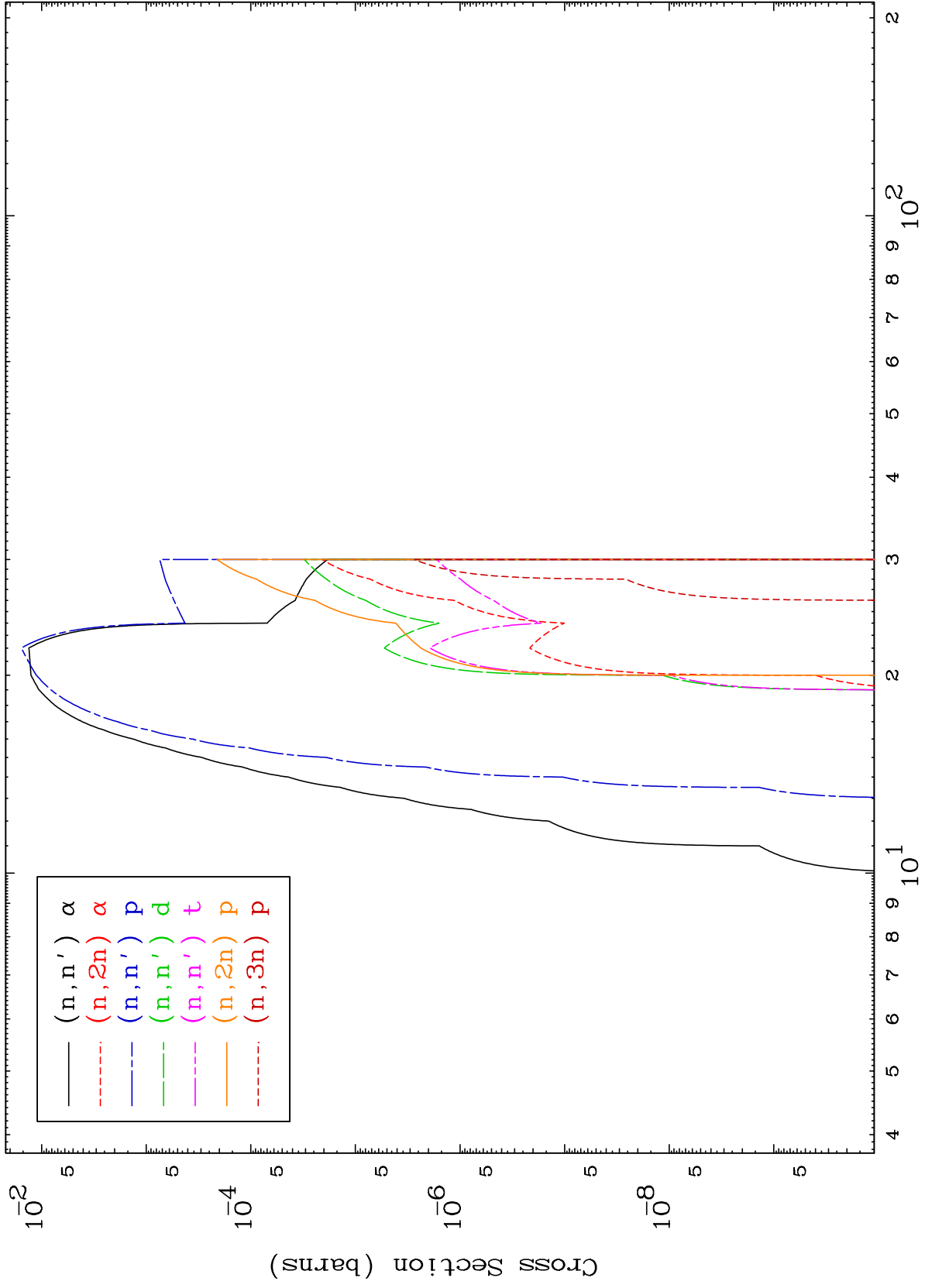
59-Pr-144m

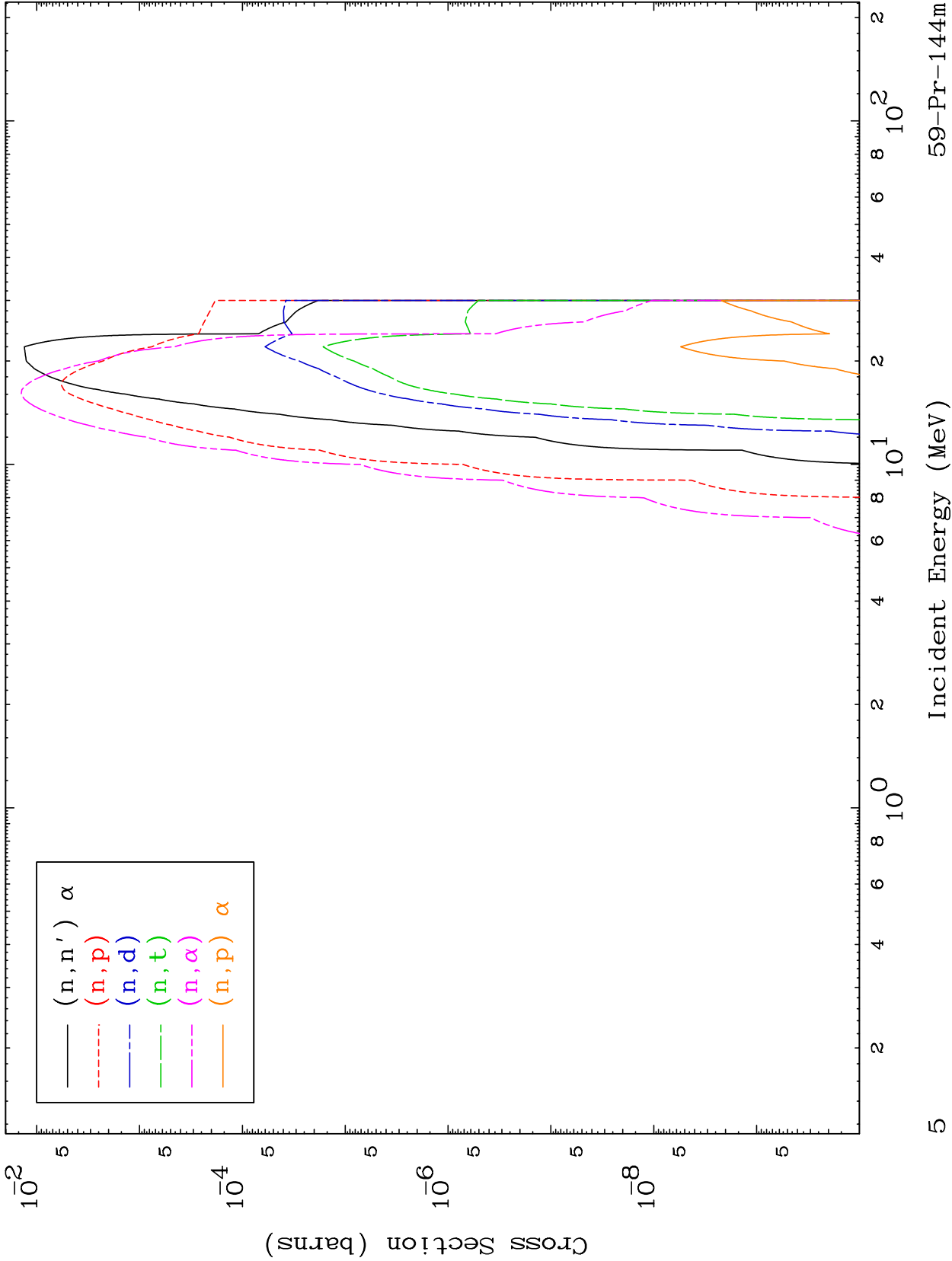
Incident Energy (MeV)

MAT 5935

Photon Charged Particle
0 Kelvin Cross Sections

59-Pr-144m



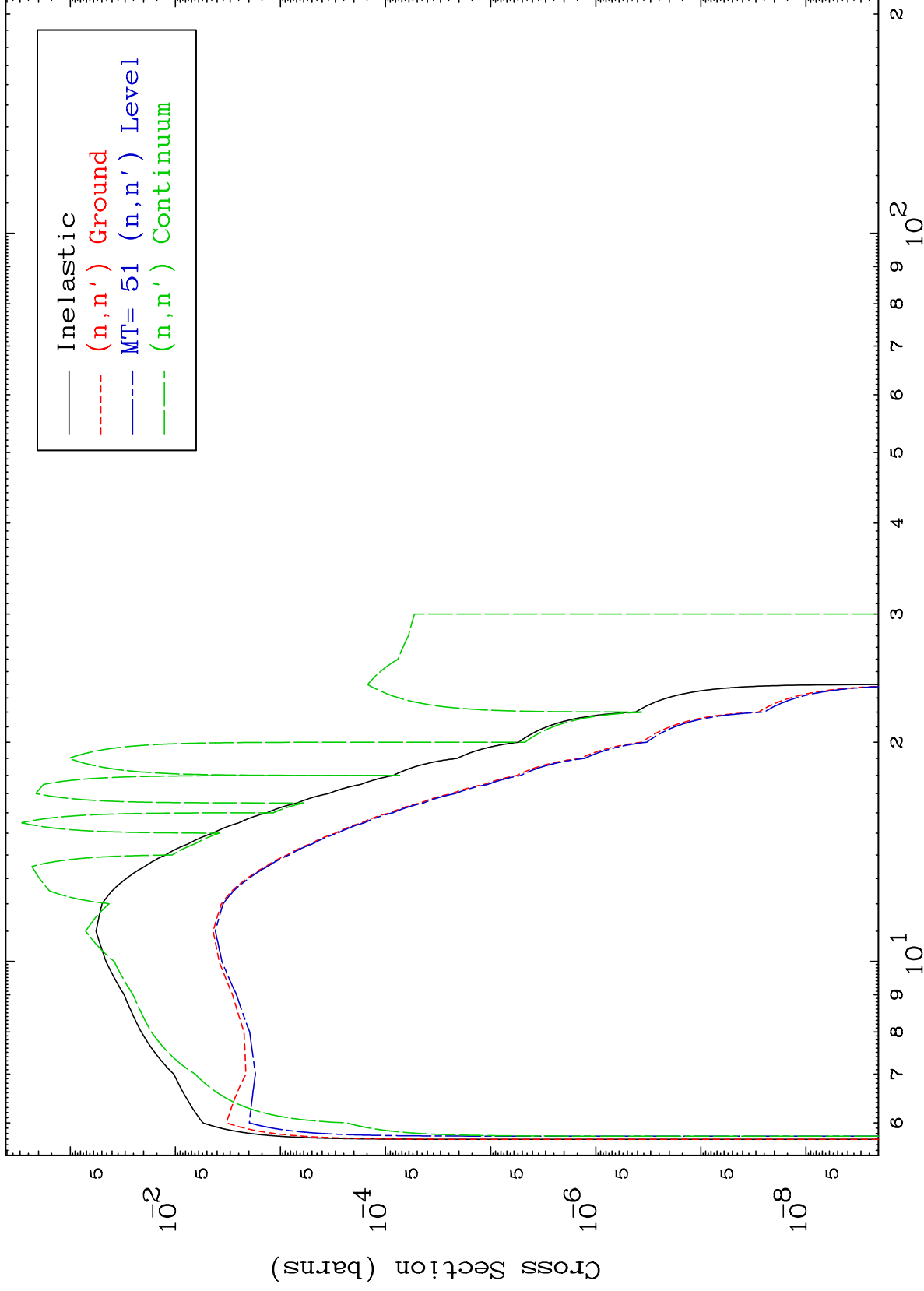


MAT 5935

(γ, n') Levels

59-Pr-144m

0 Kelvin Cross Sections



6

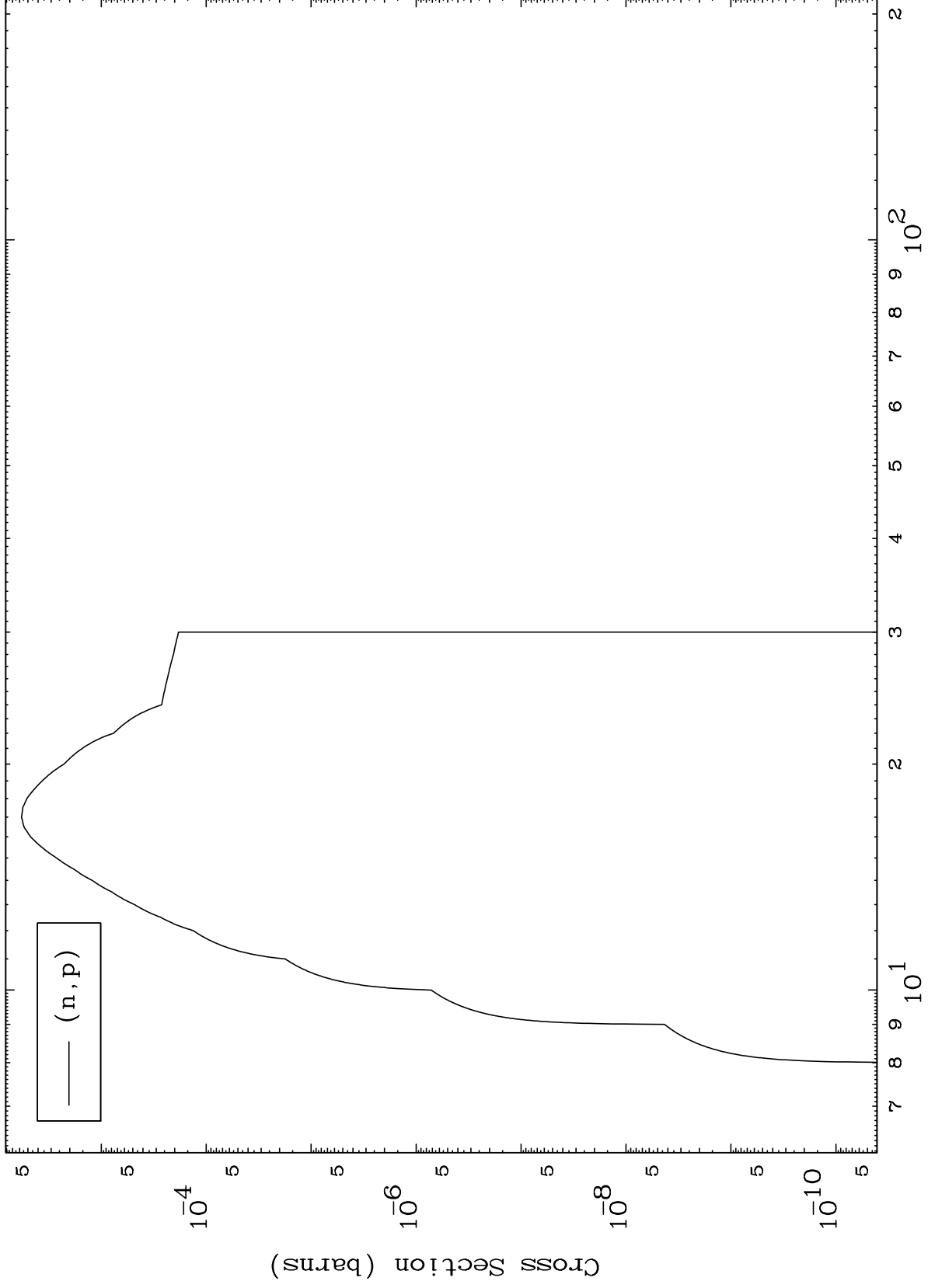
Incident Energy (MeV)

59-Pr-144m

MAT 5935

(γ, p) Levels
0 Kelvin Cross Sections

59-Pr-144m



7

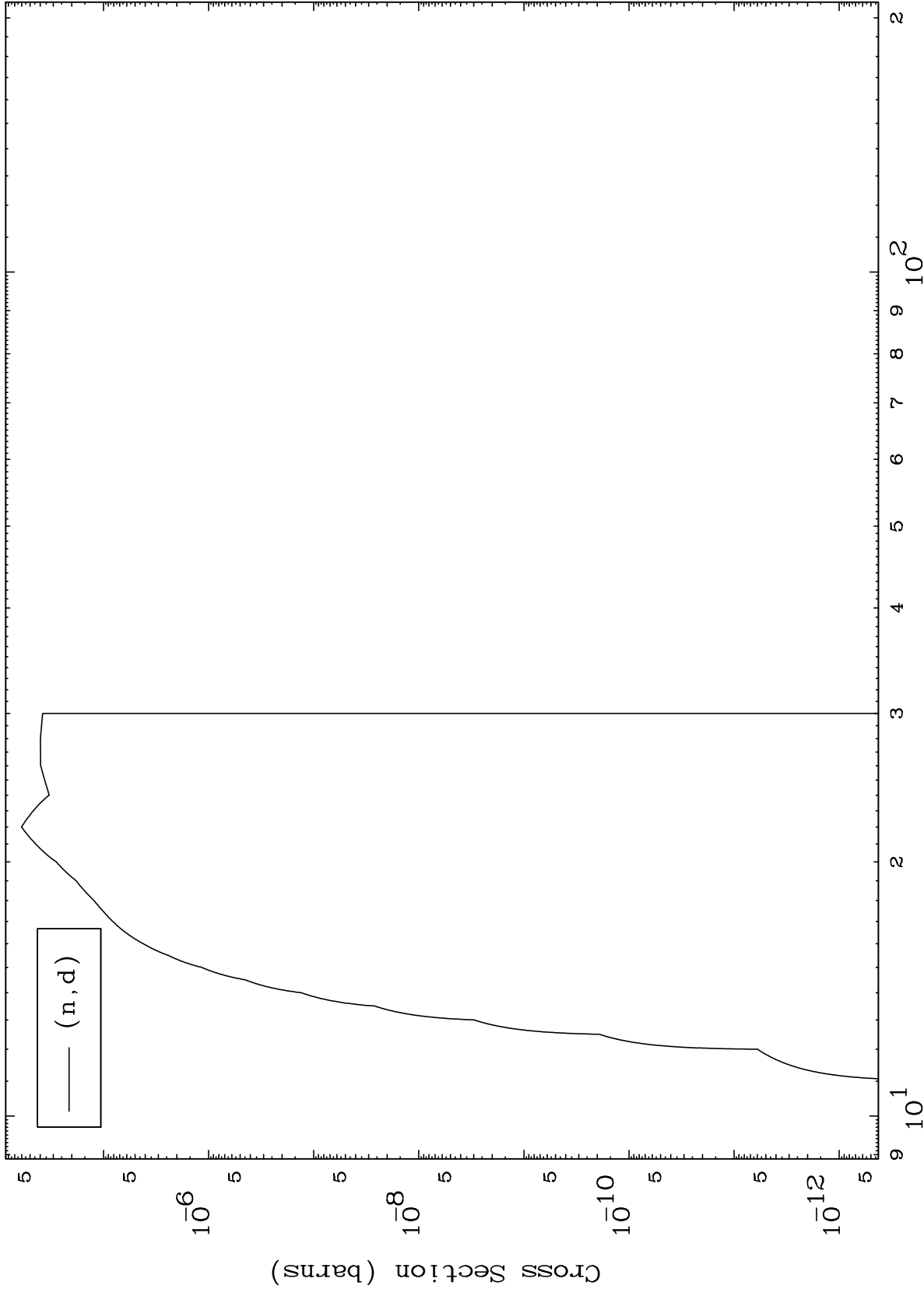
Incident Energy (MeV)

59-Pr-144m

MAT 5935

(γ, d) Levels
0 Kelvin Cross Sections

59-Pr-144m



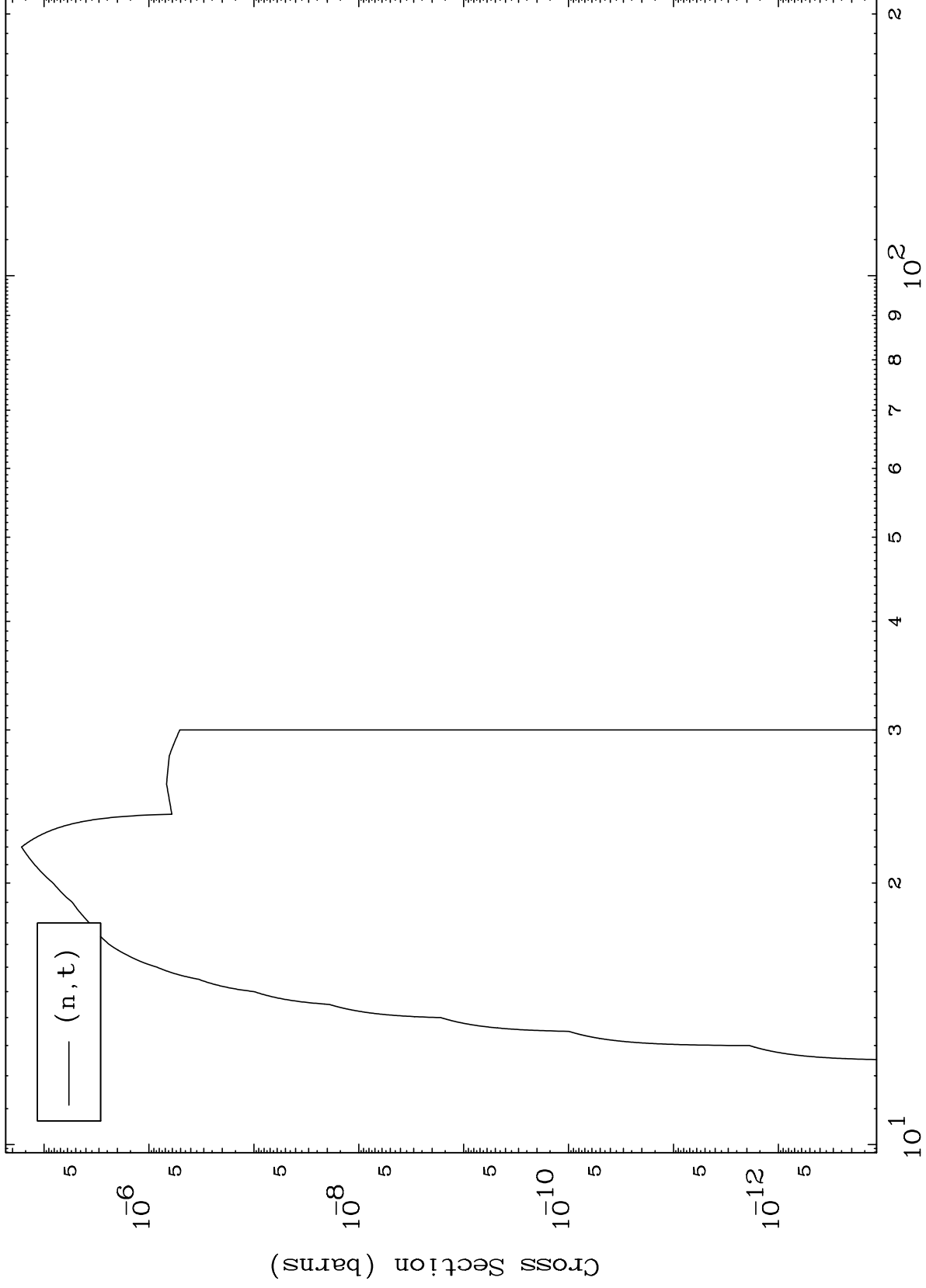
Incident Energy (MeV)

59-Pr-144m

MAT 5935

(γ, t) Levels
0 Kelvin Cross Sections

59-Pr-144m



Incident Energy (MeV)

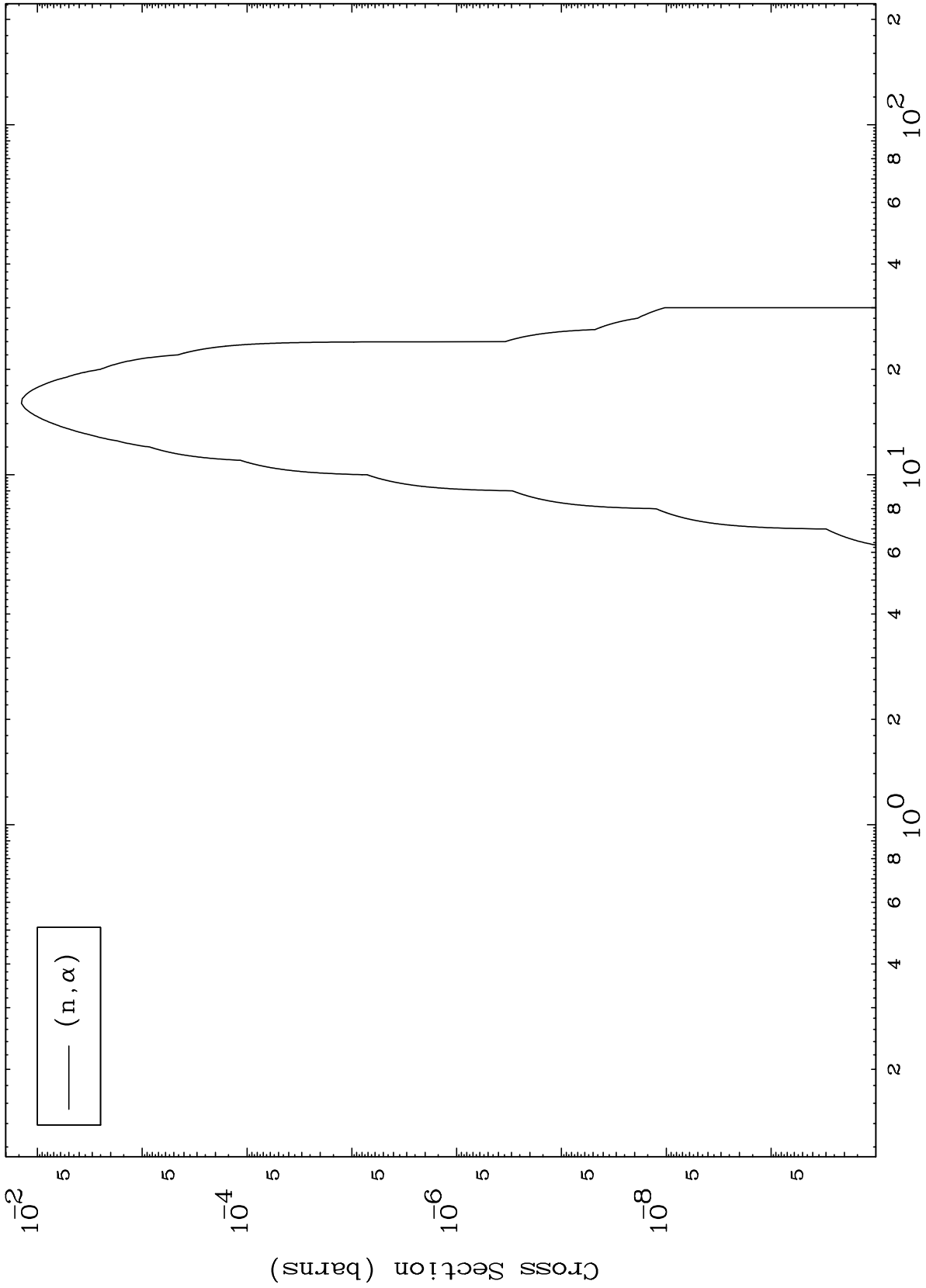
59-Pr-144m

MAT 5935

(γ, α) Levels

59-Pr-144m

0 Kelvin Cross Sections



10

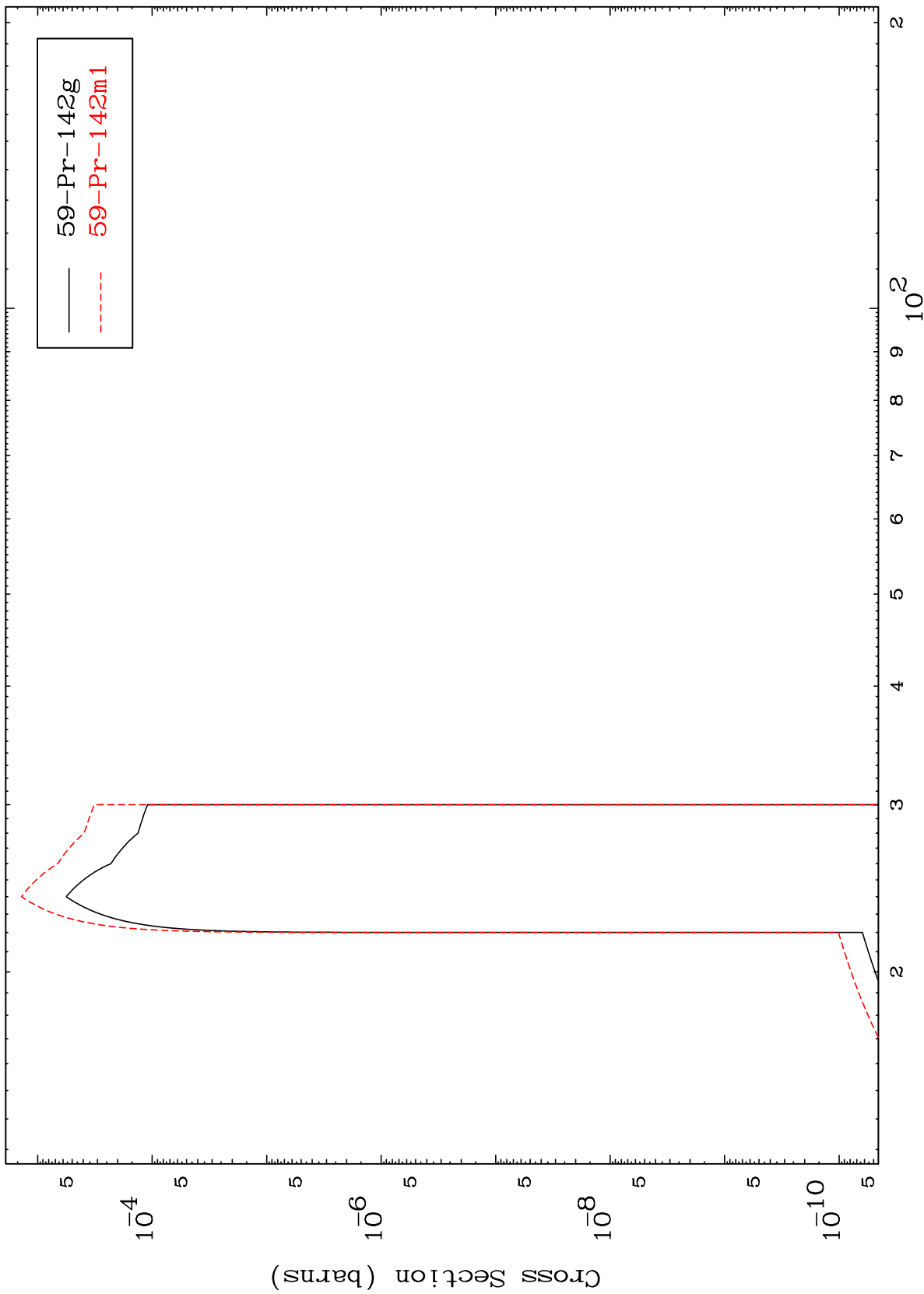
Incident Energy (MeV)

59-Pr-144m

MAT 5935

59-Pr-144m

(n,2n)
Radionuclide Production Cross Section



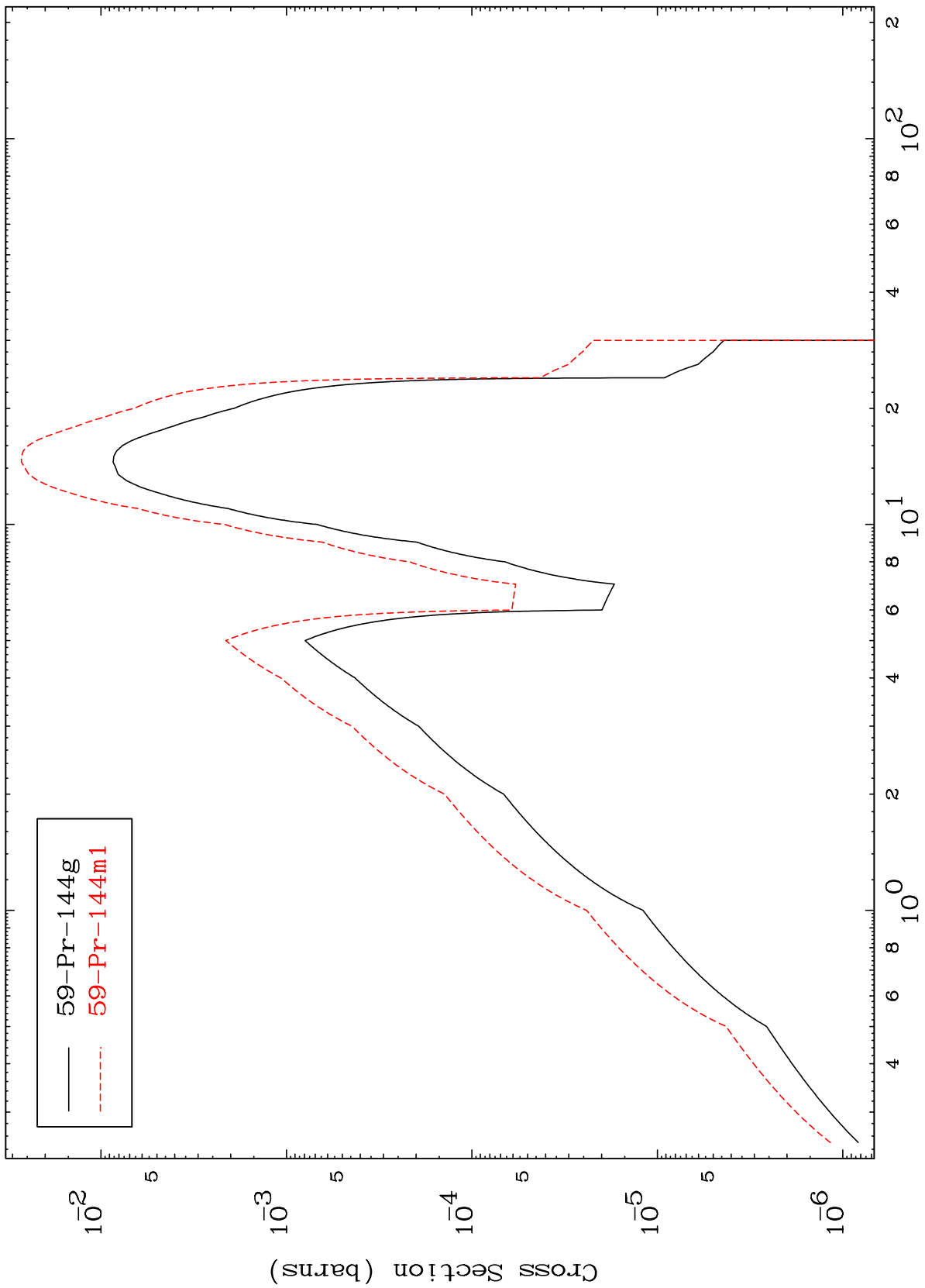
59-Pr-144m

Incident Energy (MeV)

MAT 5935

59-Pr-144m

Radionuclide Production Cross Section (n, γ)



59-Pr-144g
59-Pr-144m1

59-Pr-144m

Incident Energy (MeV)

12