

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

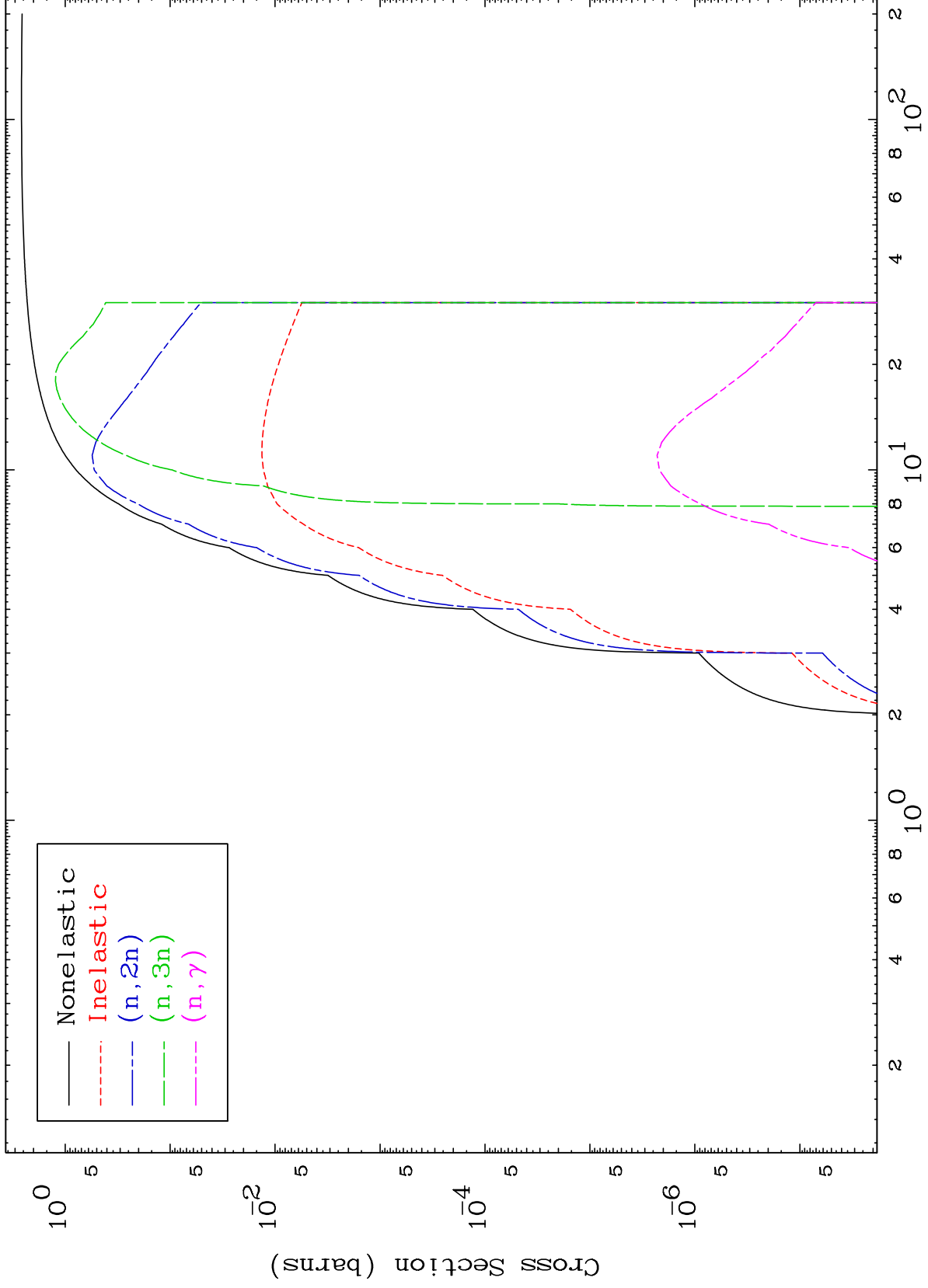
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5935

Deuteron Major
0 Kelvin Cross Sections

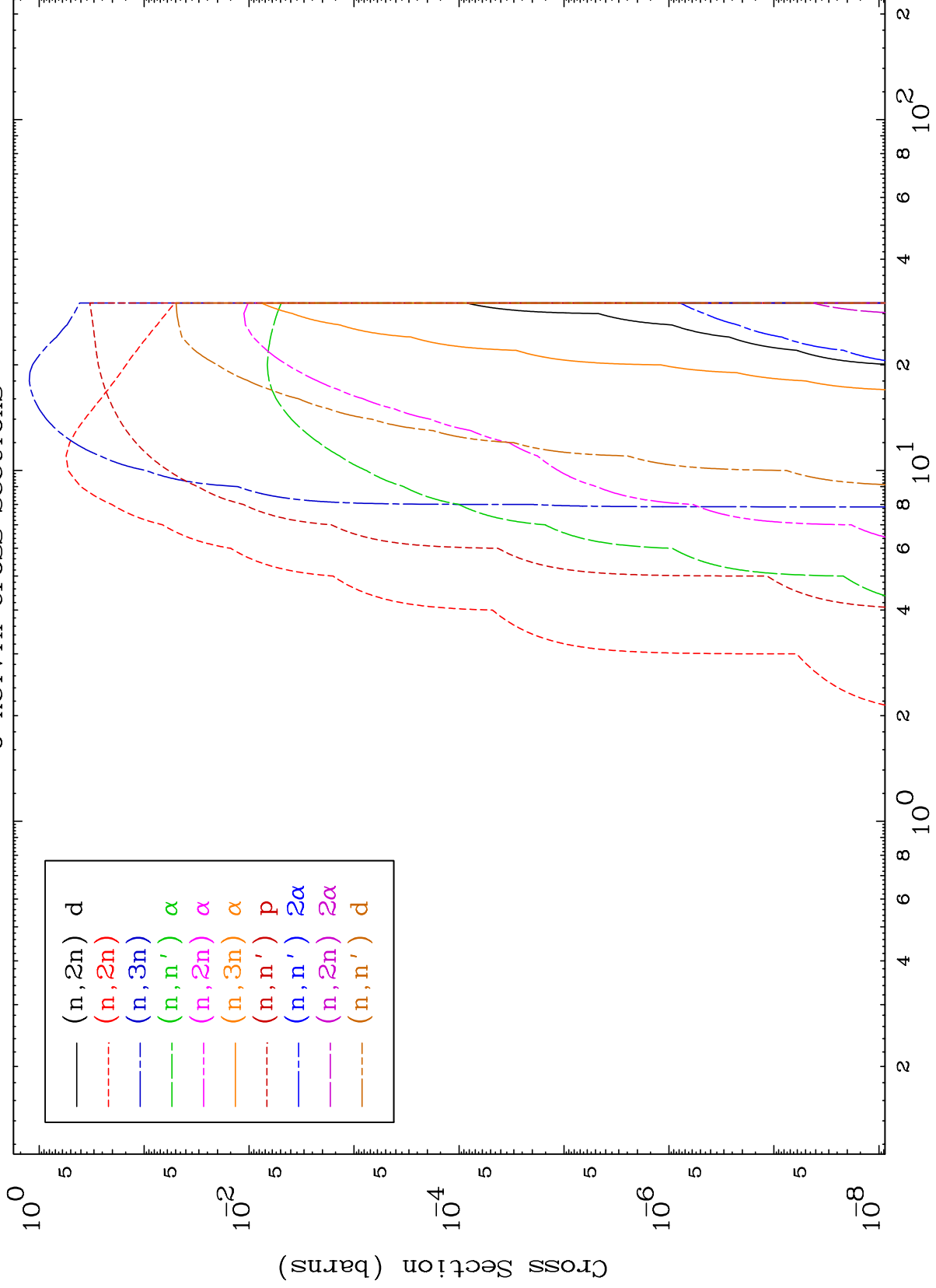
59-Pr-144m



MAT 5935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

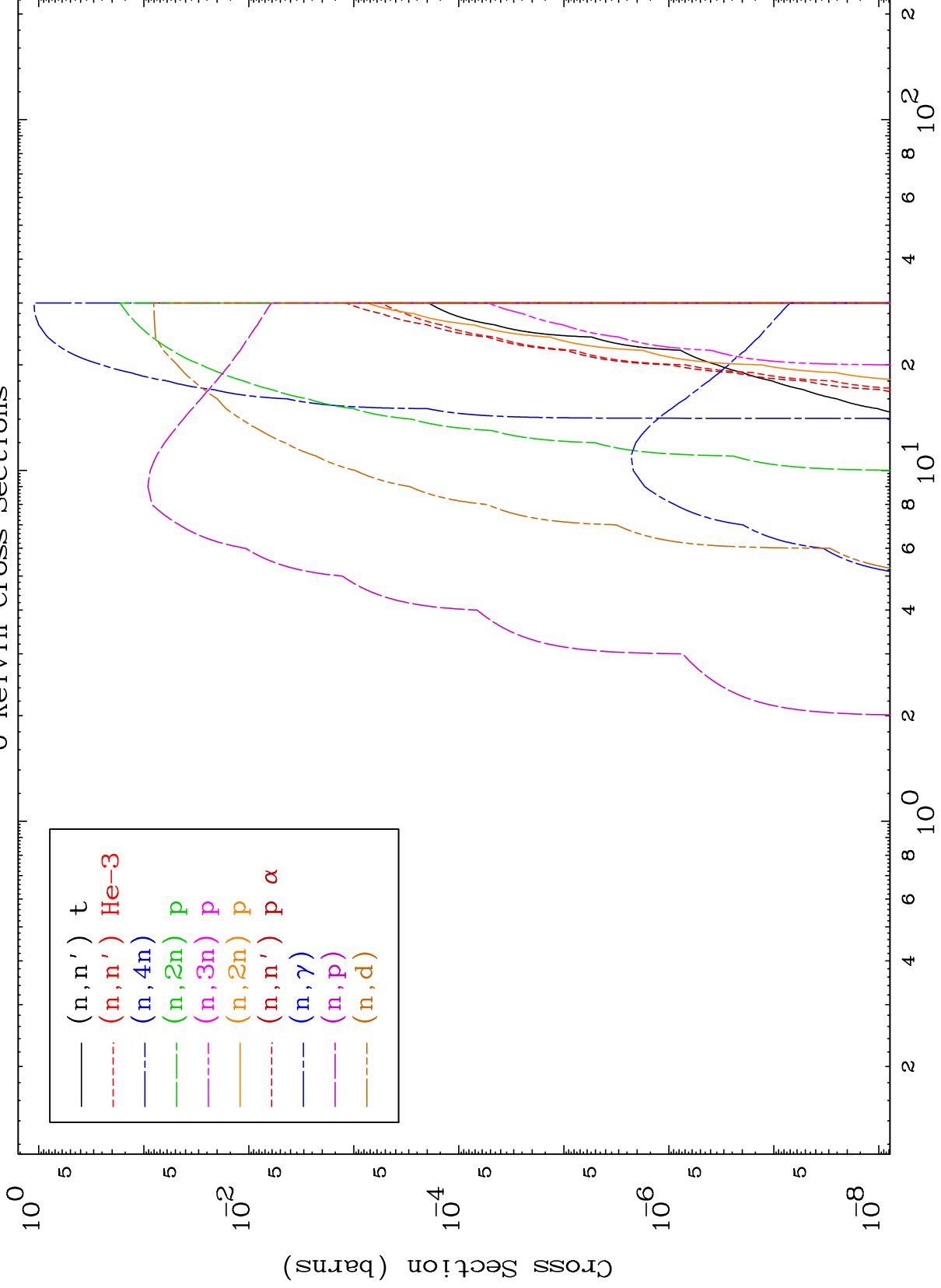
59-Pr-144m

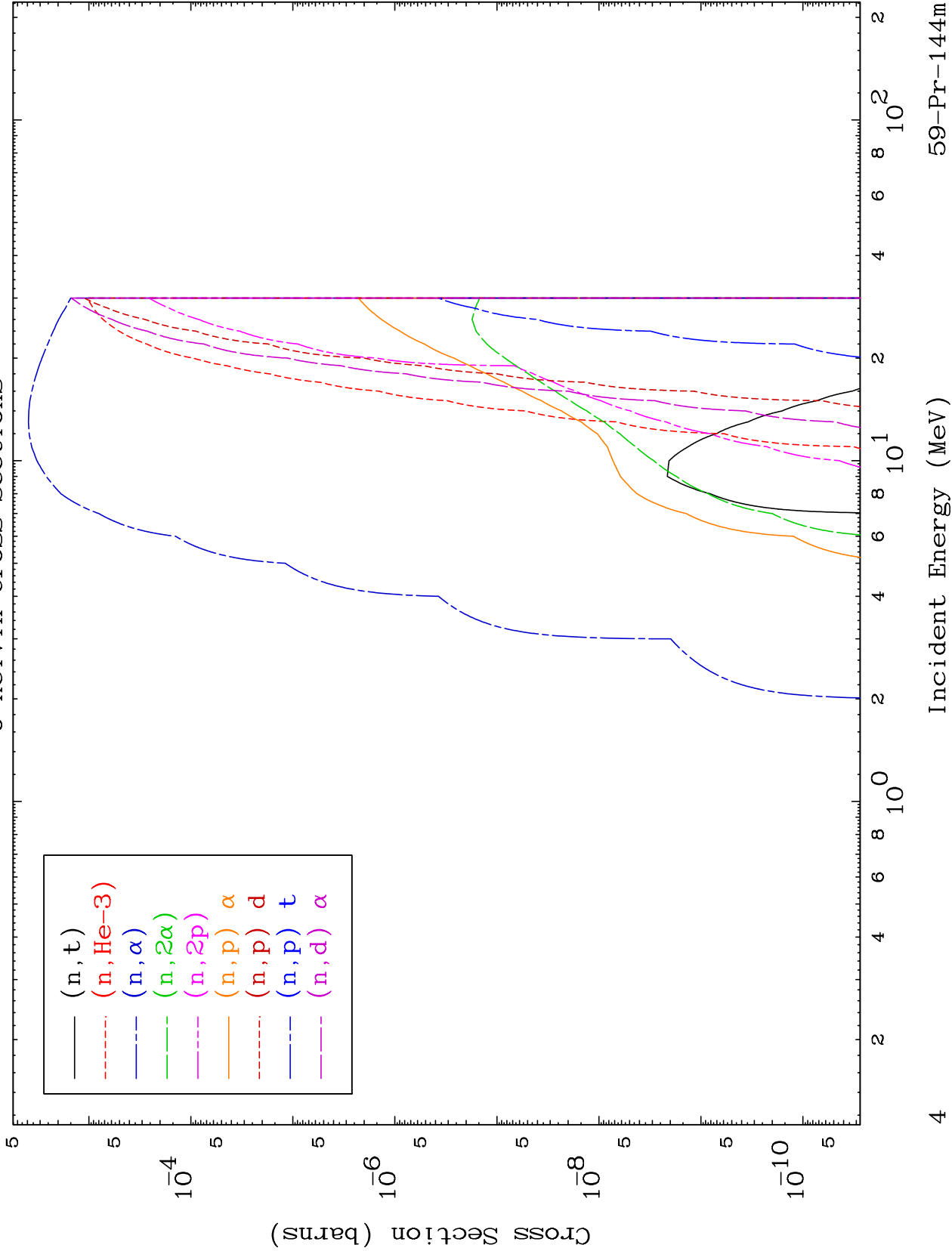


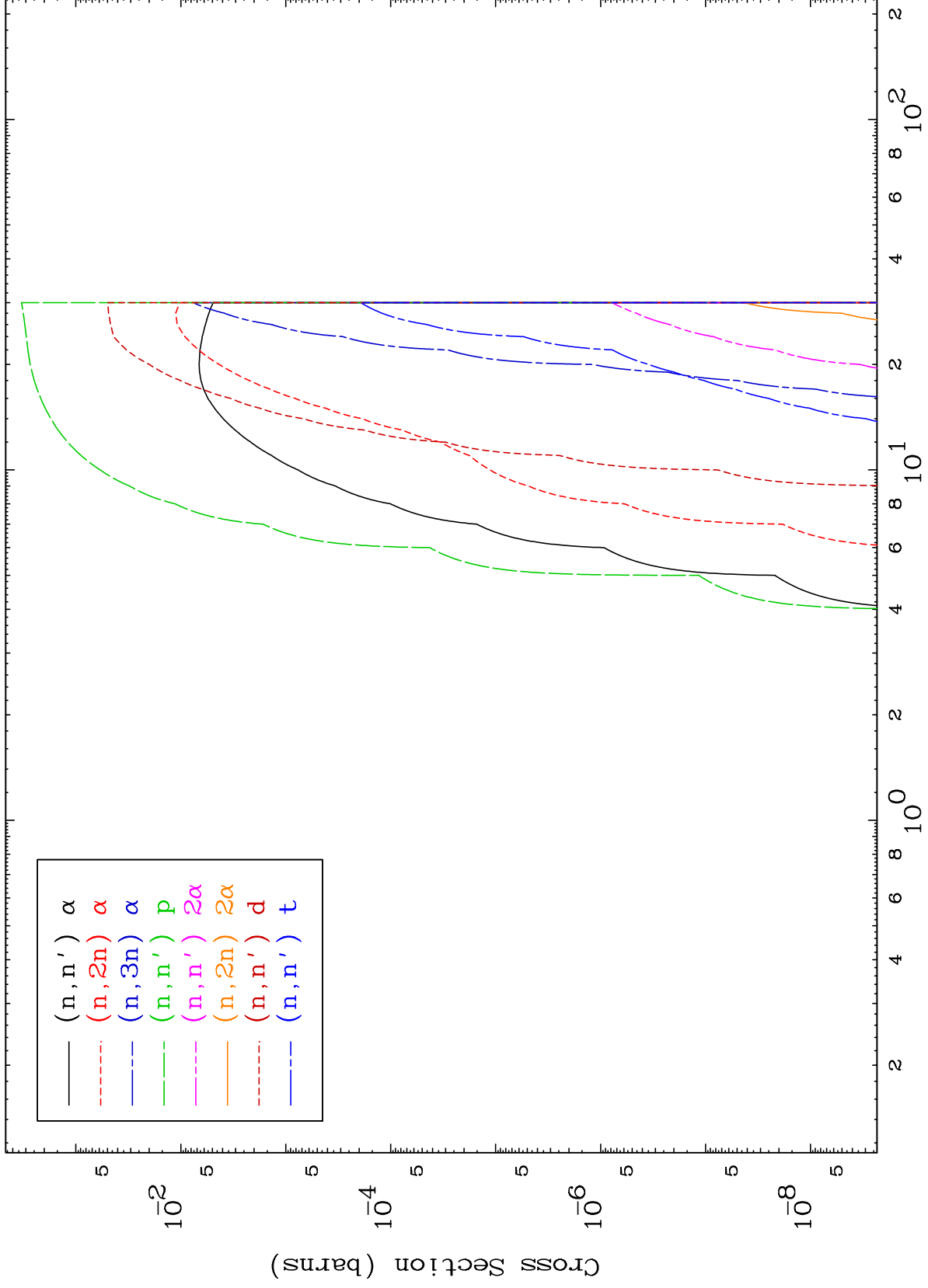
MAT 5935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

59-Pr-144m



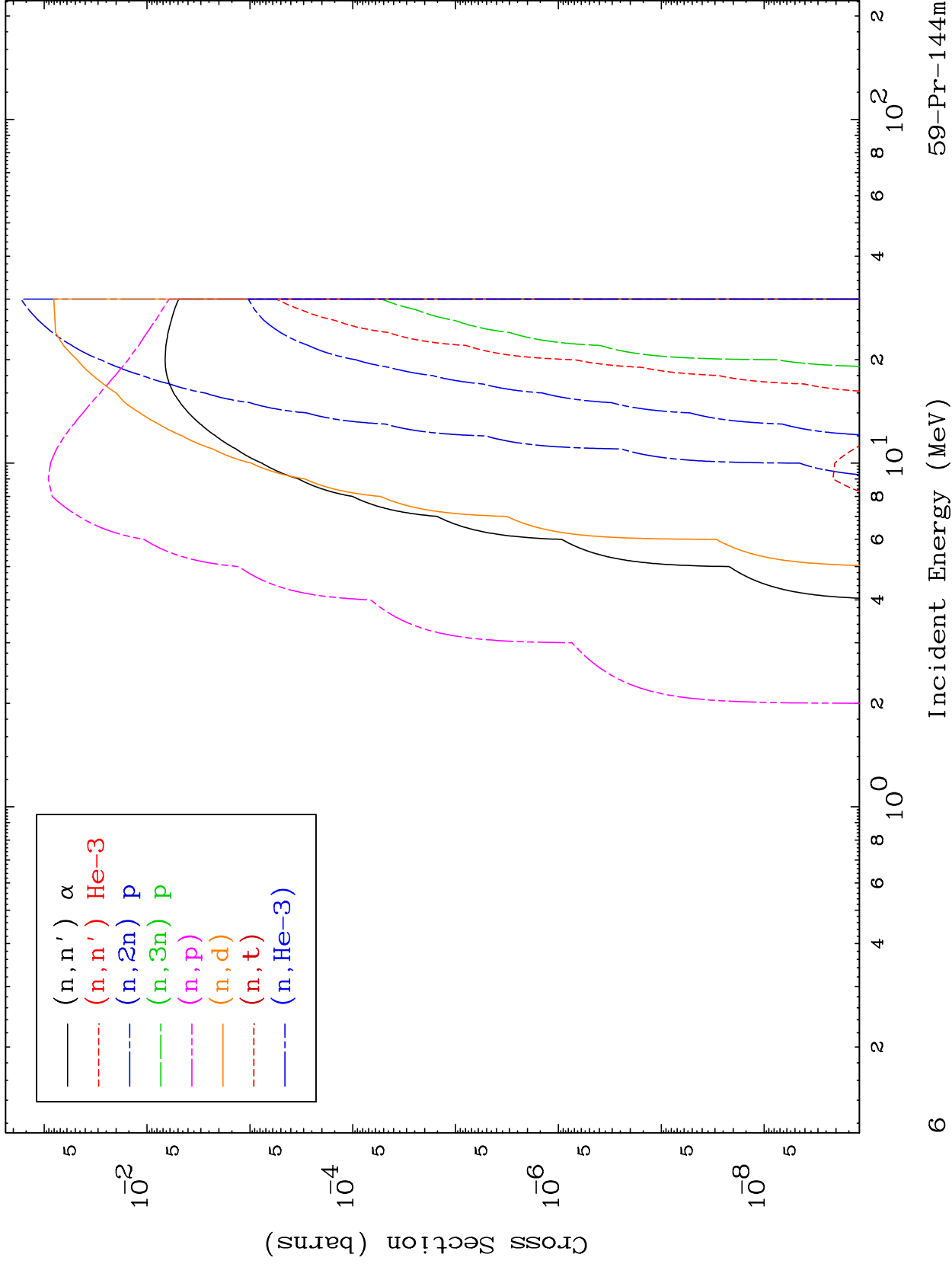




MAT 5935

Deuteron Charged Particle
0 Kelvin Cross Sections

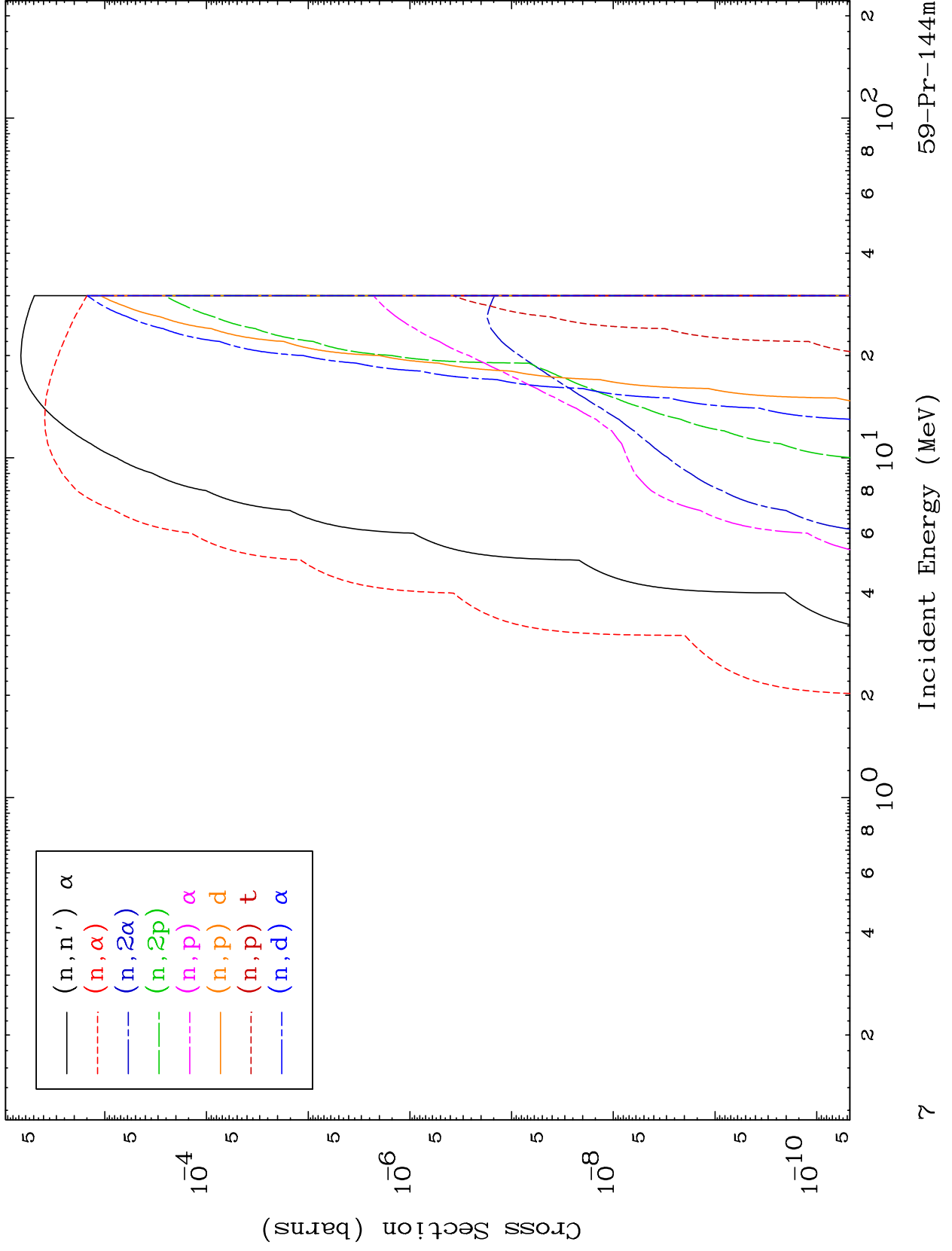
59-Pr-144m



MAT 5935

Deuteron Charged Particle
0 Kelvin Cross Sections

59-Pr-144m

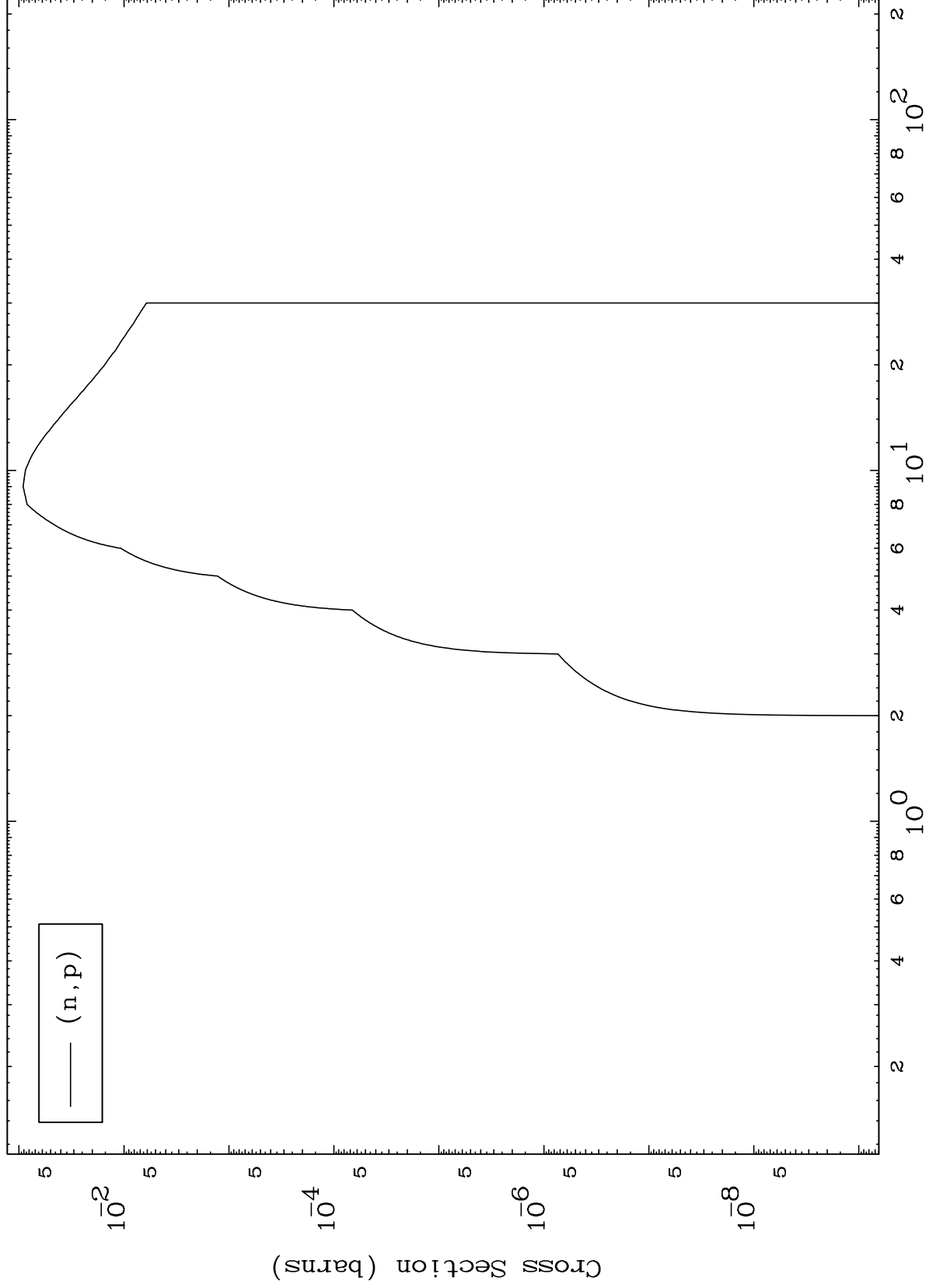


MAT 5935

(d,p) Levels

59-Pr-144m

0 Kelvin Cross Sections

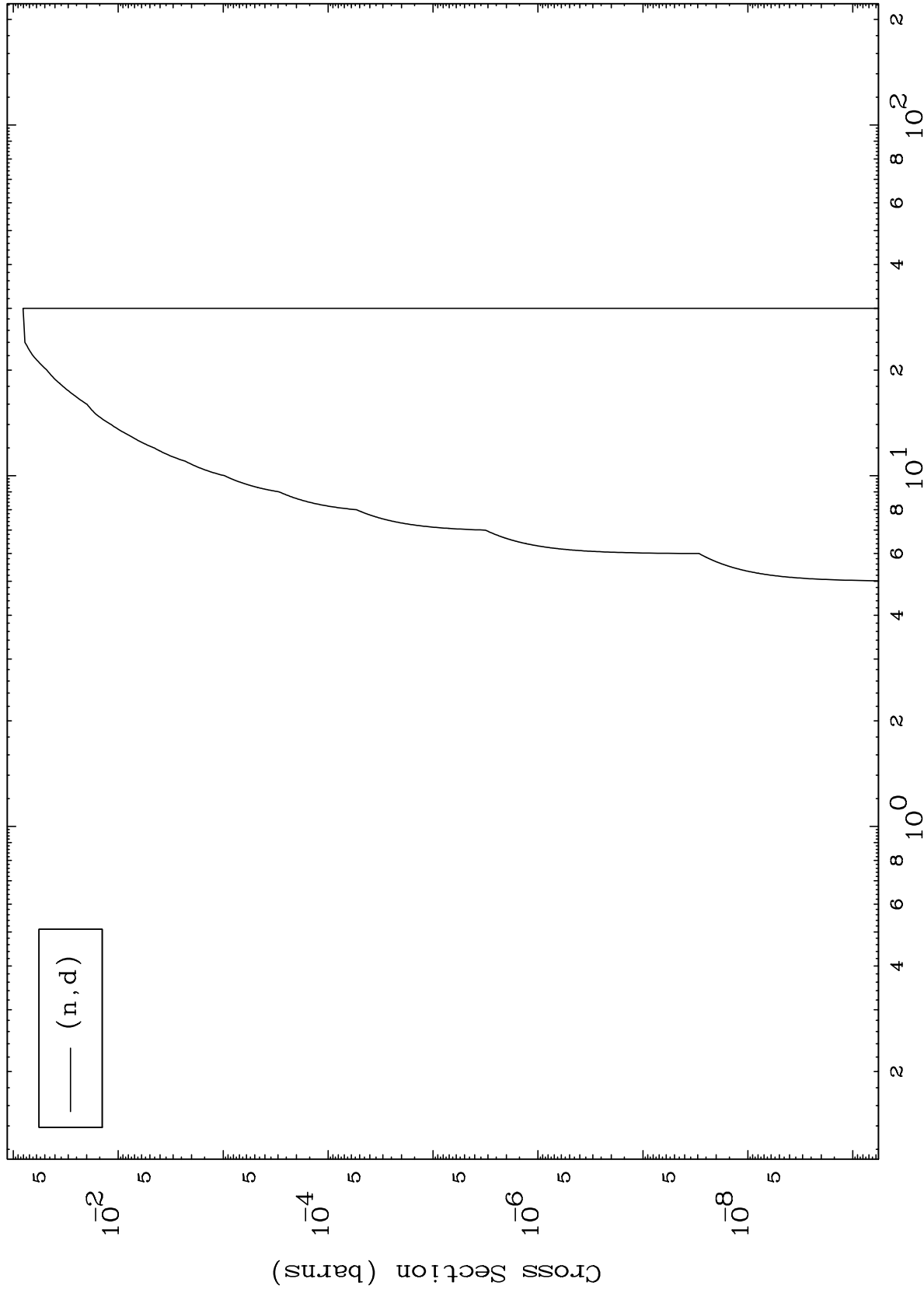


MAT 5935

(d,d) Levels

59-Pr-144m

0 Kelvin Cross Sections

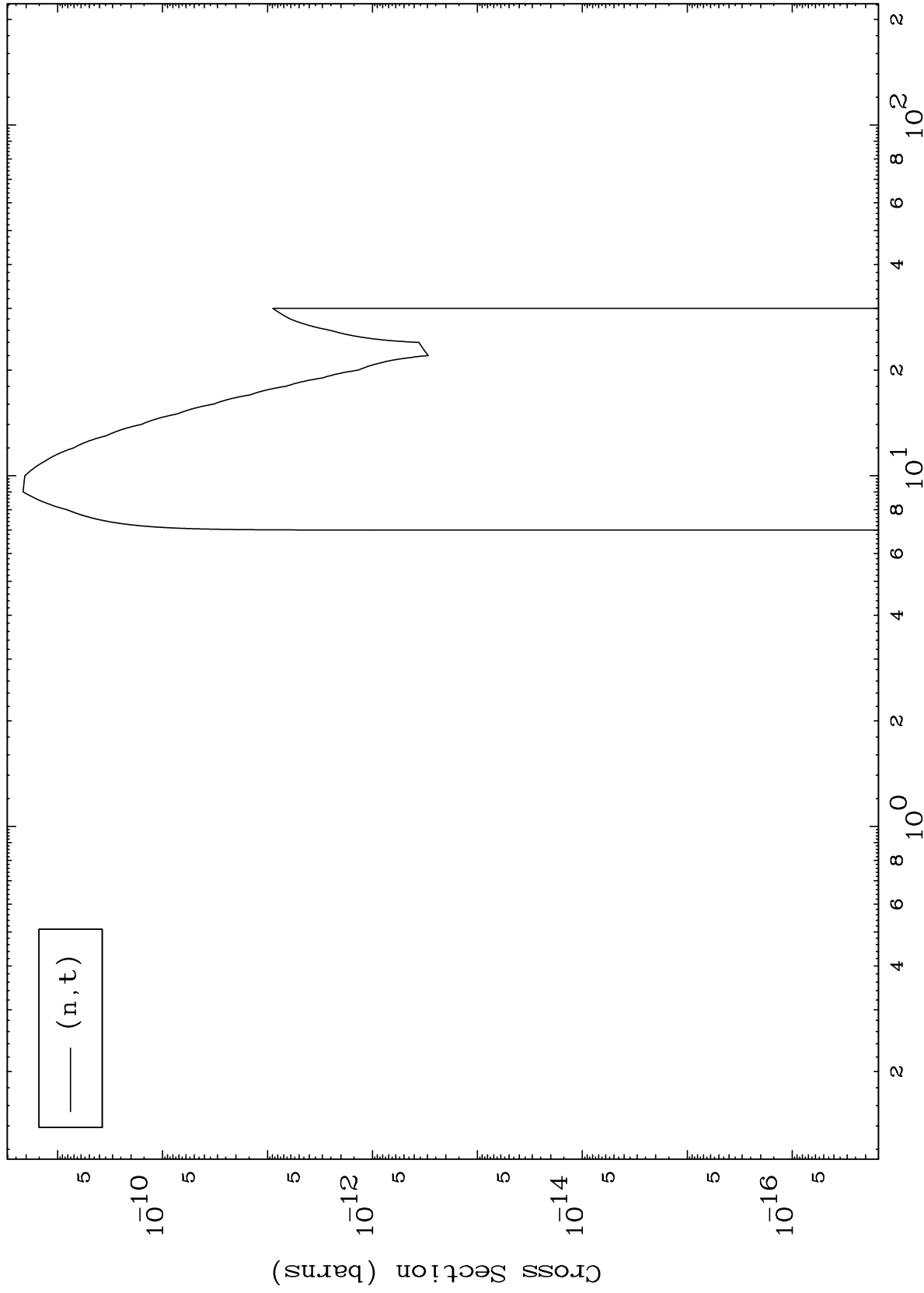


MAT 5935

(d, t) Levels

59-Pr-144m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

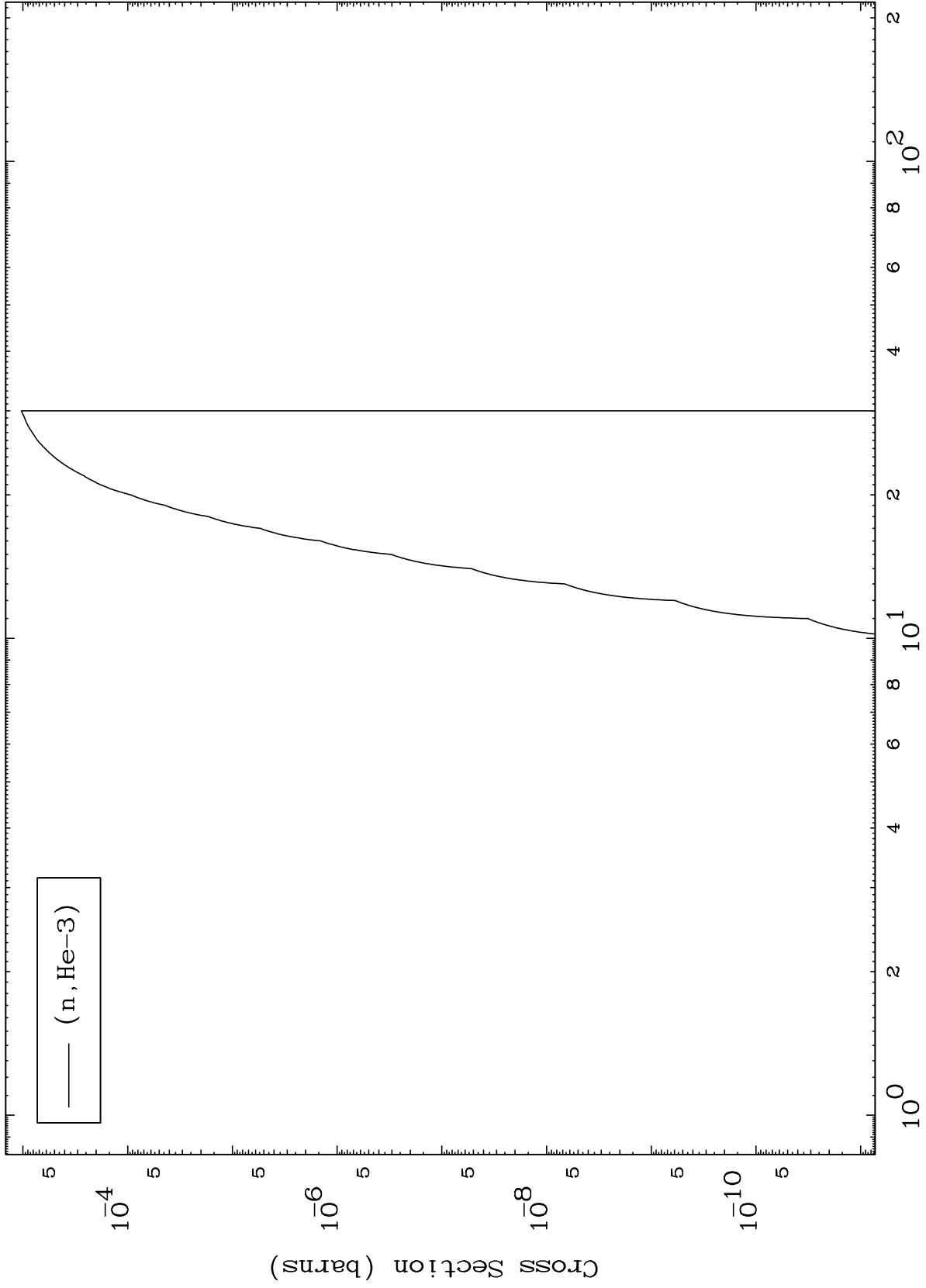
59-Pr-144m

MAT 5935

(d,He3) Levels

59-Pr-144m

0 Kelvin Cross Sections



11

Incident Energy (MeV)

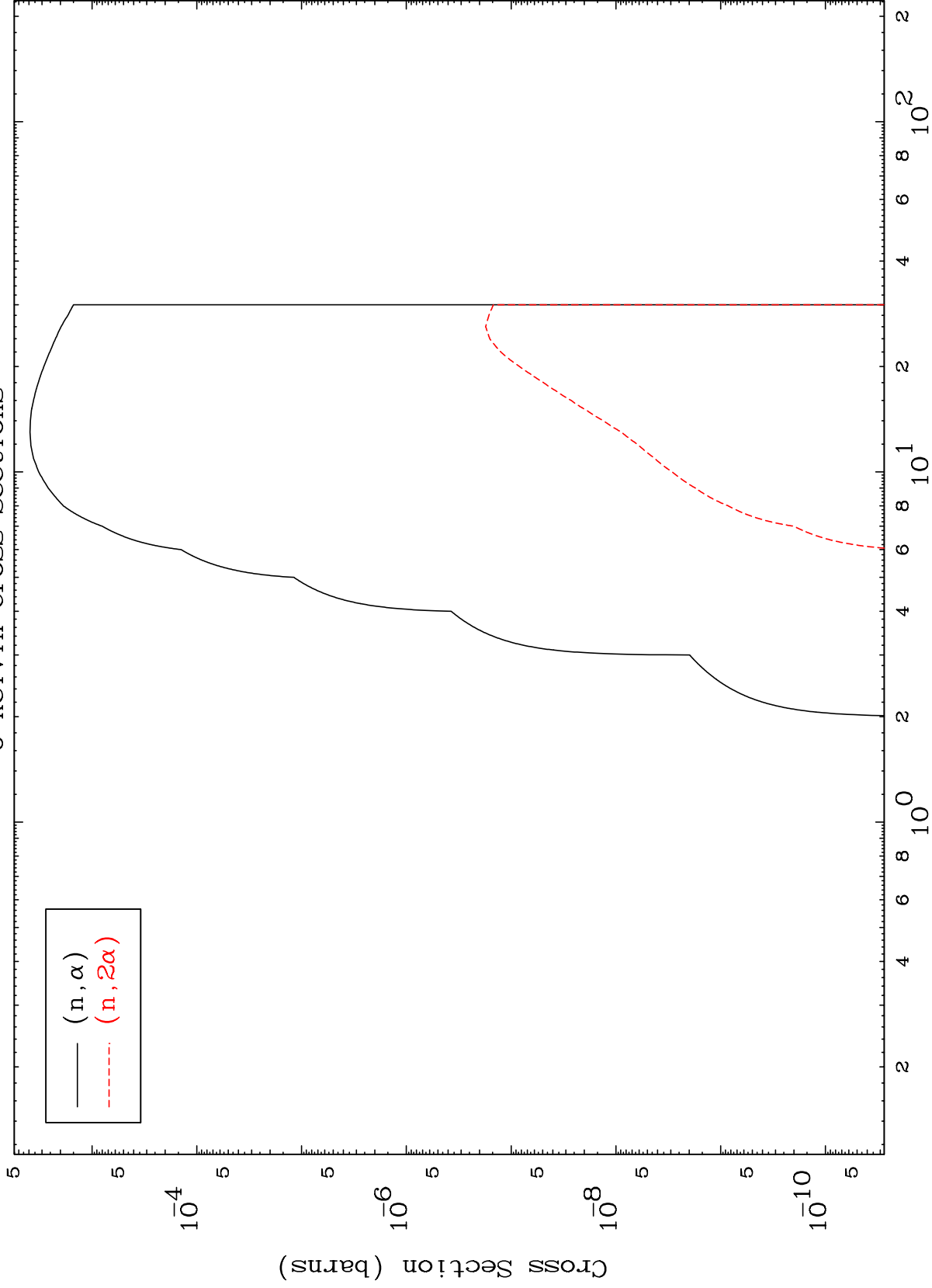
59-Pr-144m

MAT 5935

(d, α) Levels

59-Pr-144m

0 Kelvin Cross Sections



12

Incident Energy (MeV)

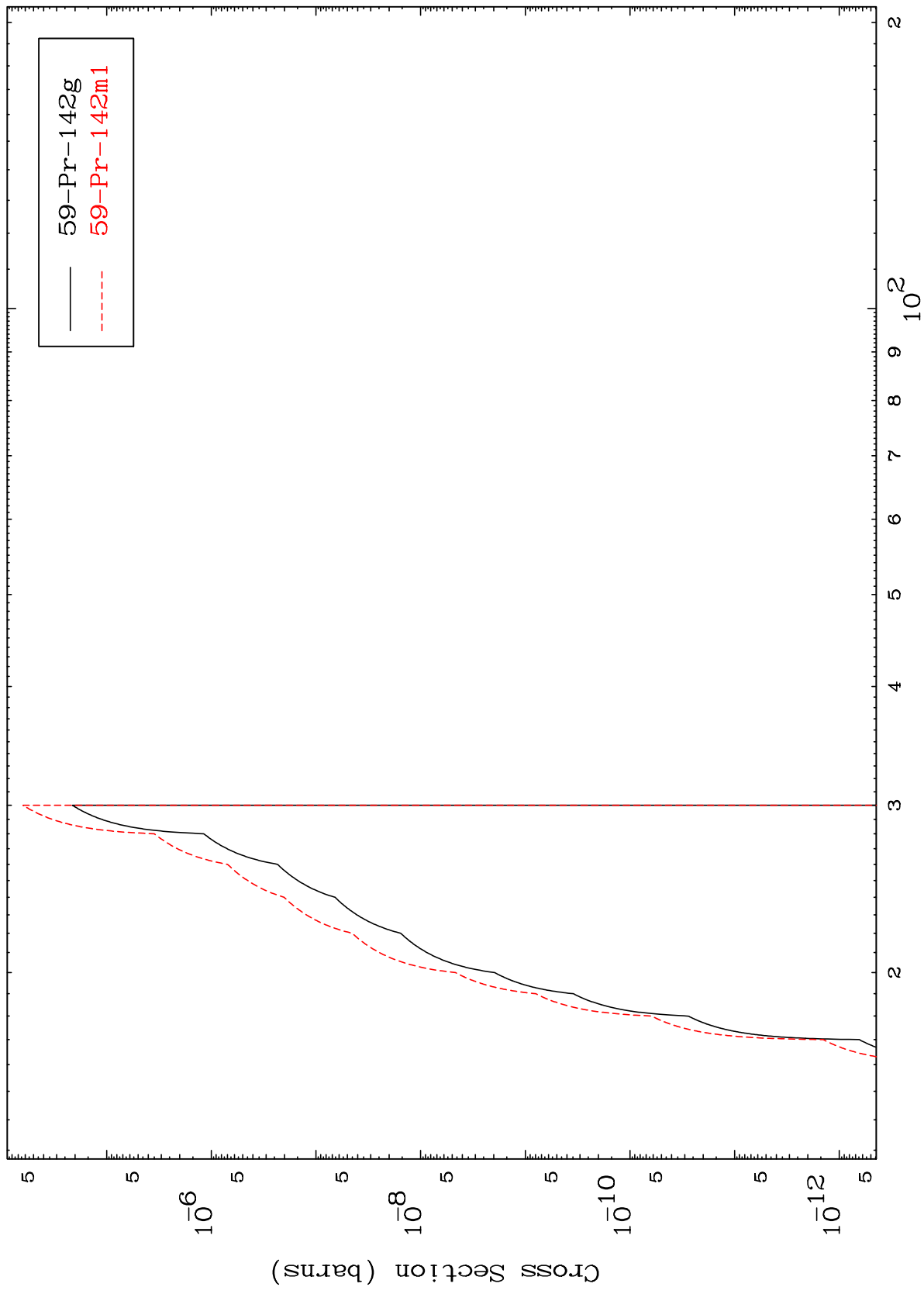
59-Pr-144m

MAT 5935

(n,2n) d

59-Pr-144m

Radionuclide Production Cross Section

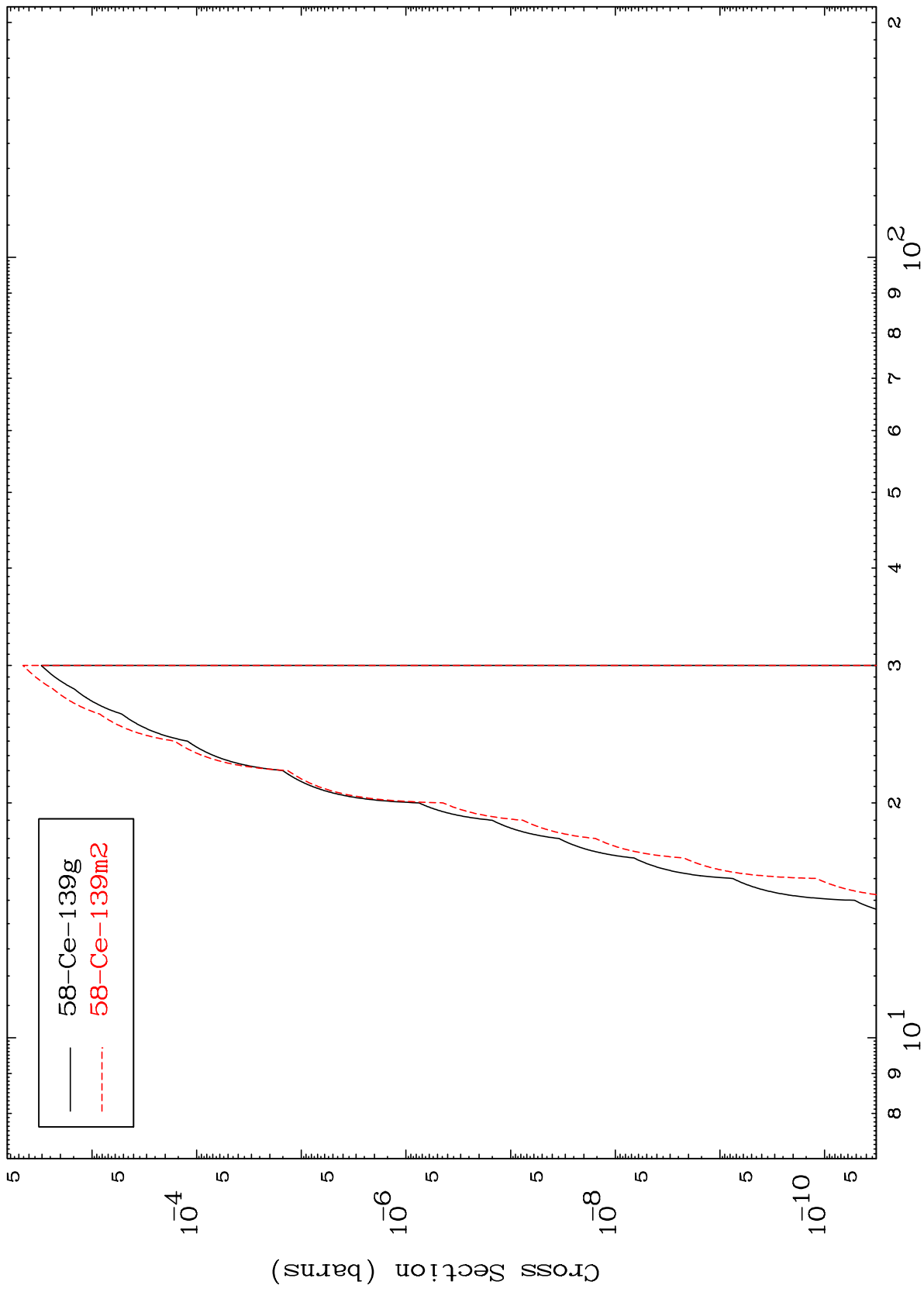


MAT 5935

(n,3n) α

59-Pr-144m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

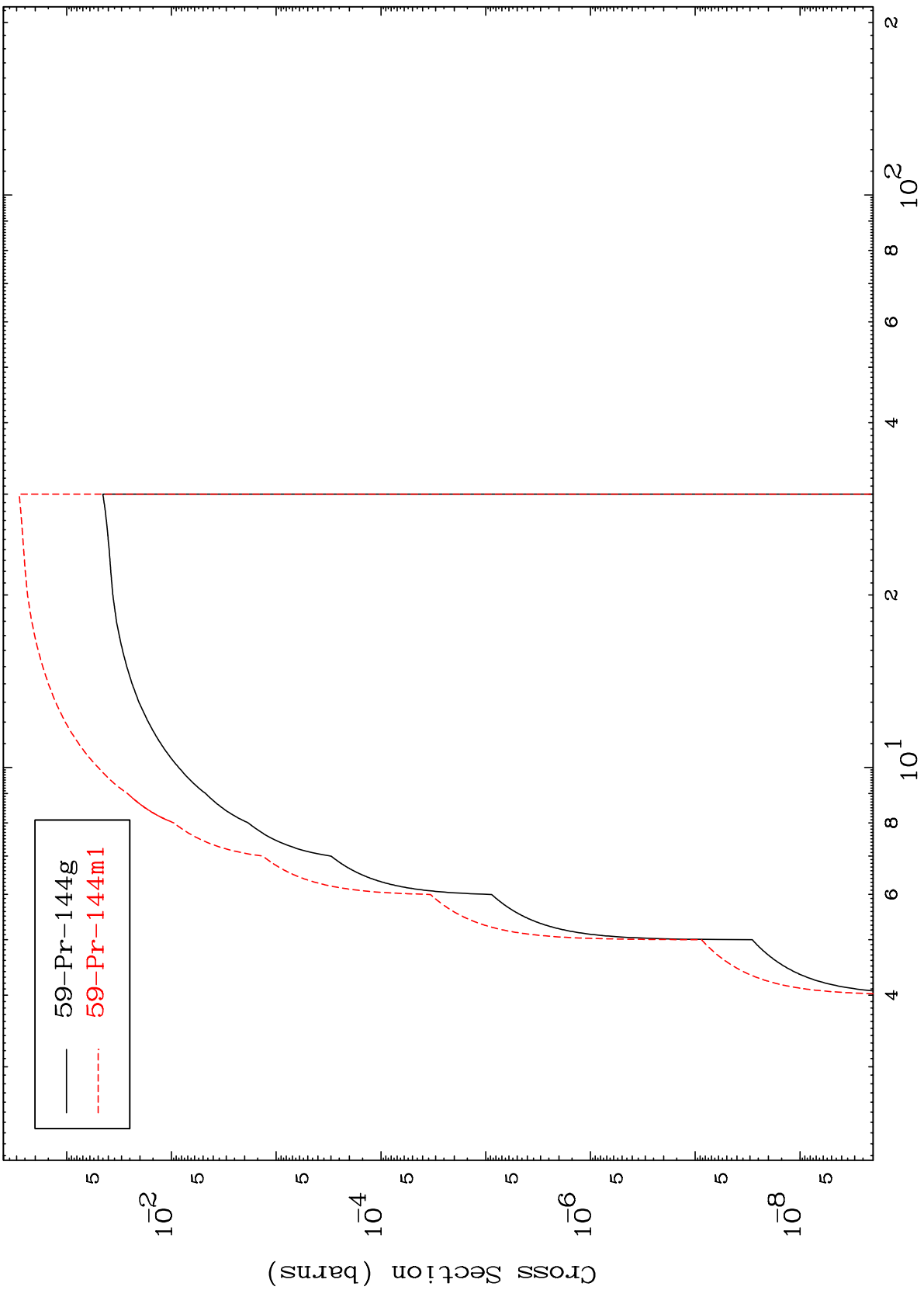
59-Pr-144m

MAT 5935

(n,n') p

59-Pr-144m

Radionuclide Production Cross Section



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

15

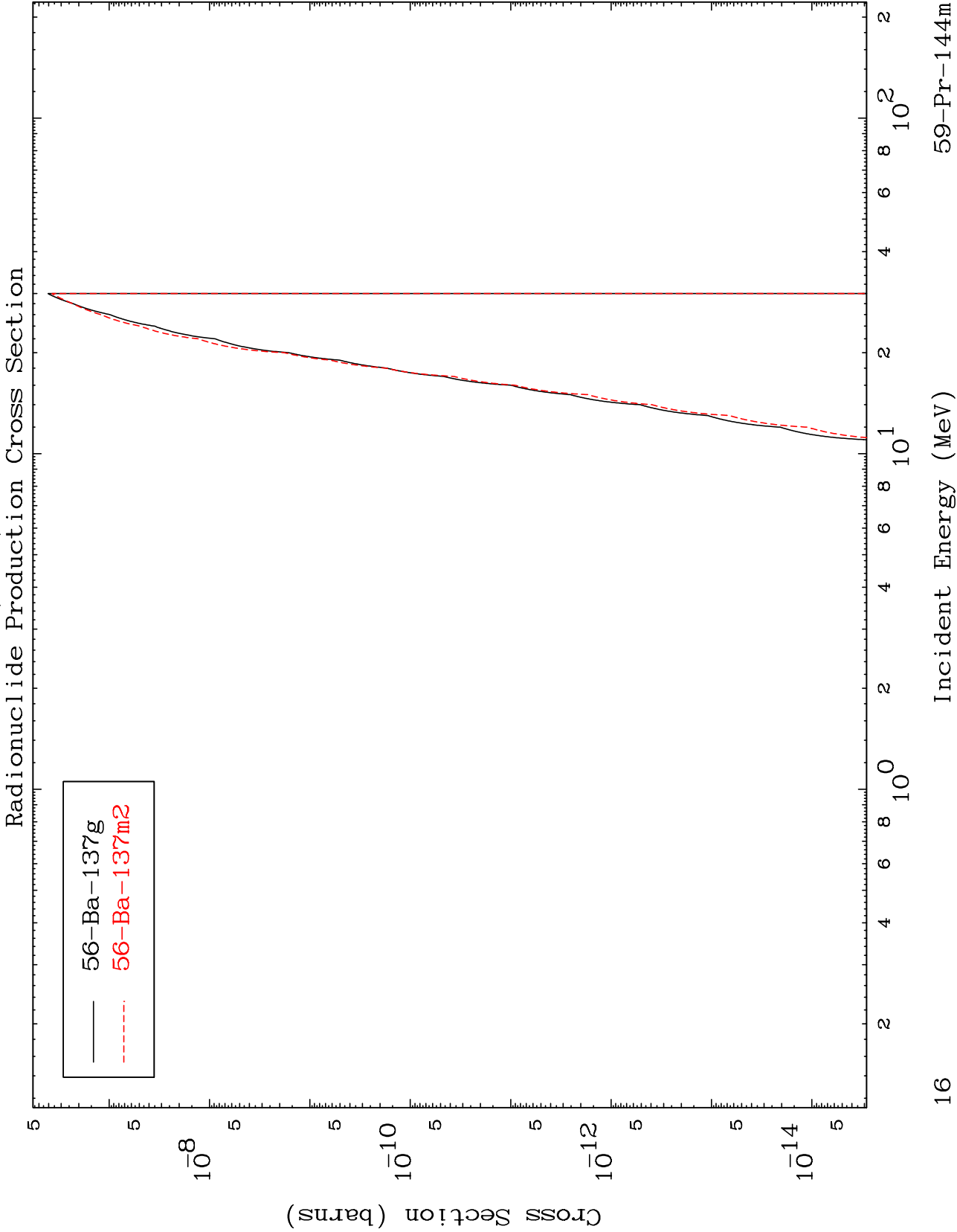
Incident Energy (MeV)

59-Pr-144m

MAT 5935

(n,n') 2α

59-Pr-144m

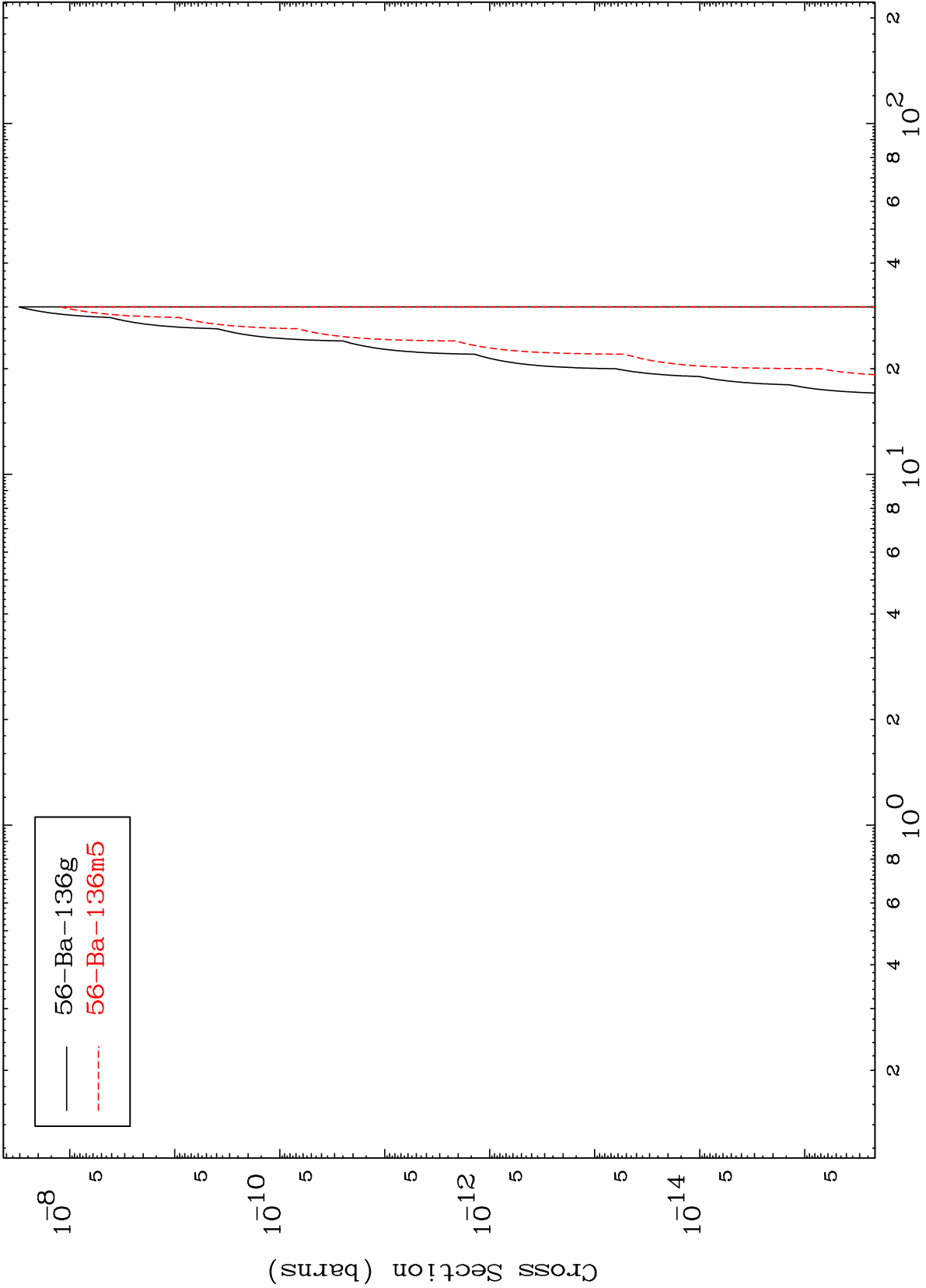


MAT 5935

(n,2n) 2α

59-Pr-144m

Radionuclide Production Cross Section



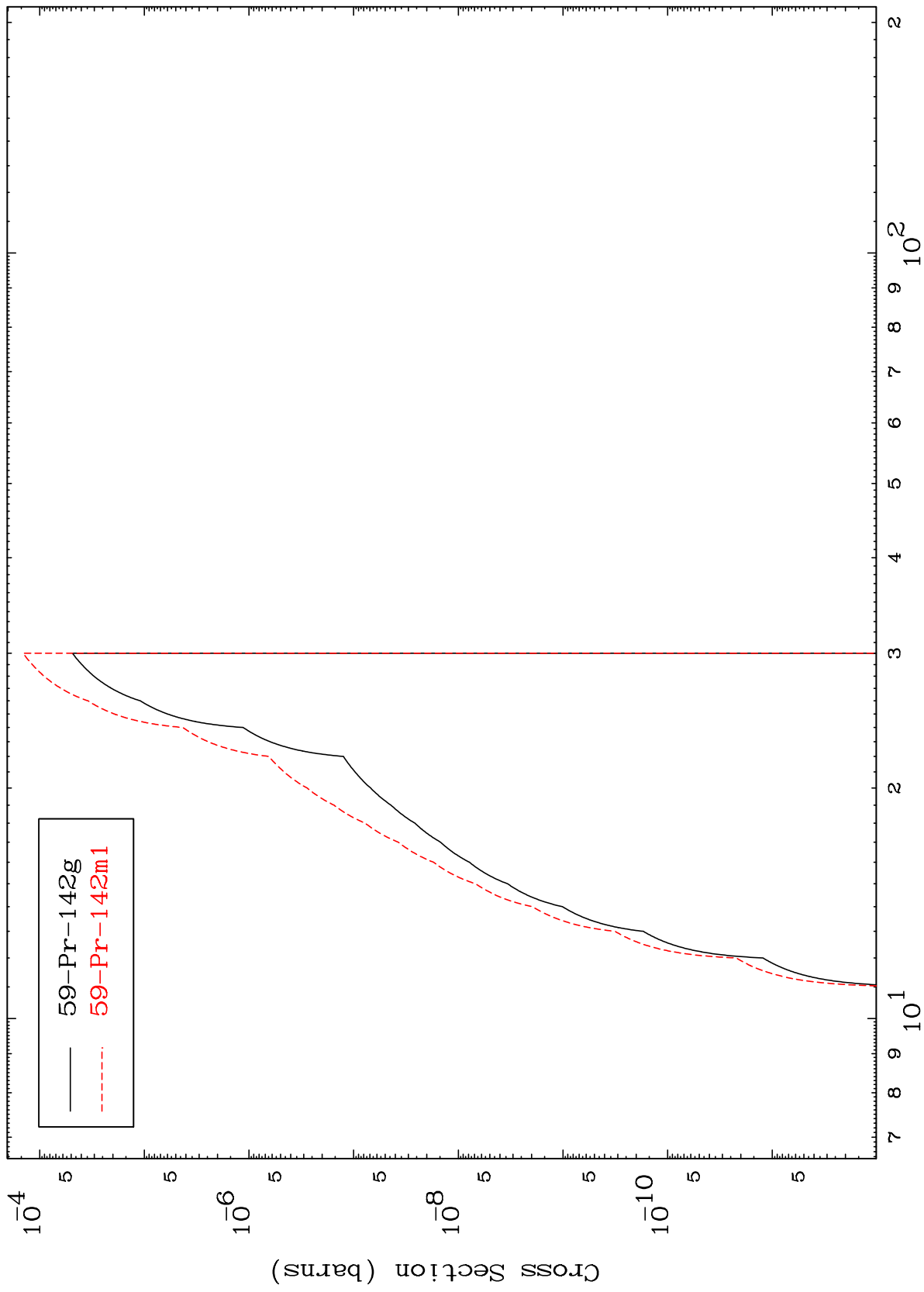
56-Ba-136g
56-Ba-136m5

MAT 5935

(n,n') t

59-Pr-144m

Radionuclide Production Cross Section

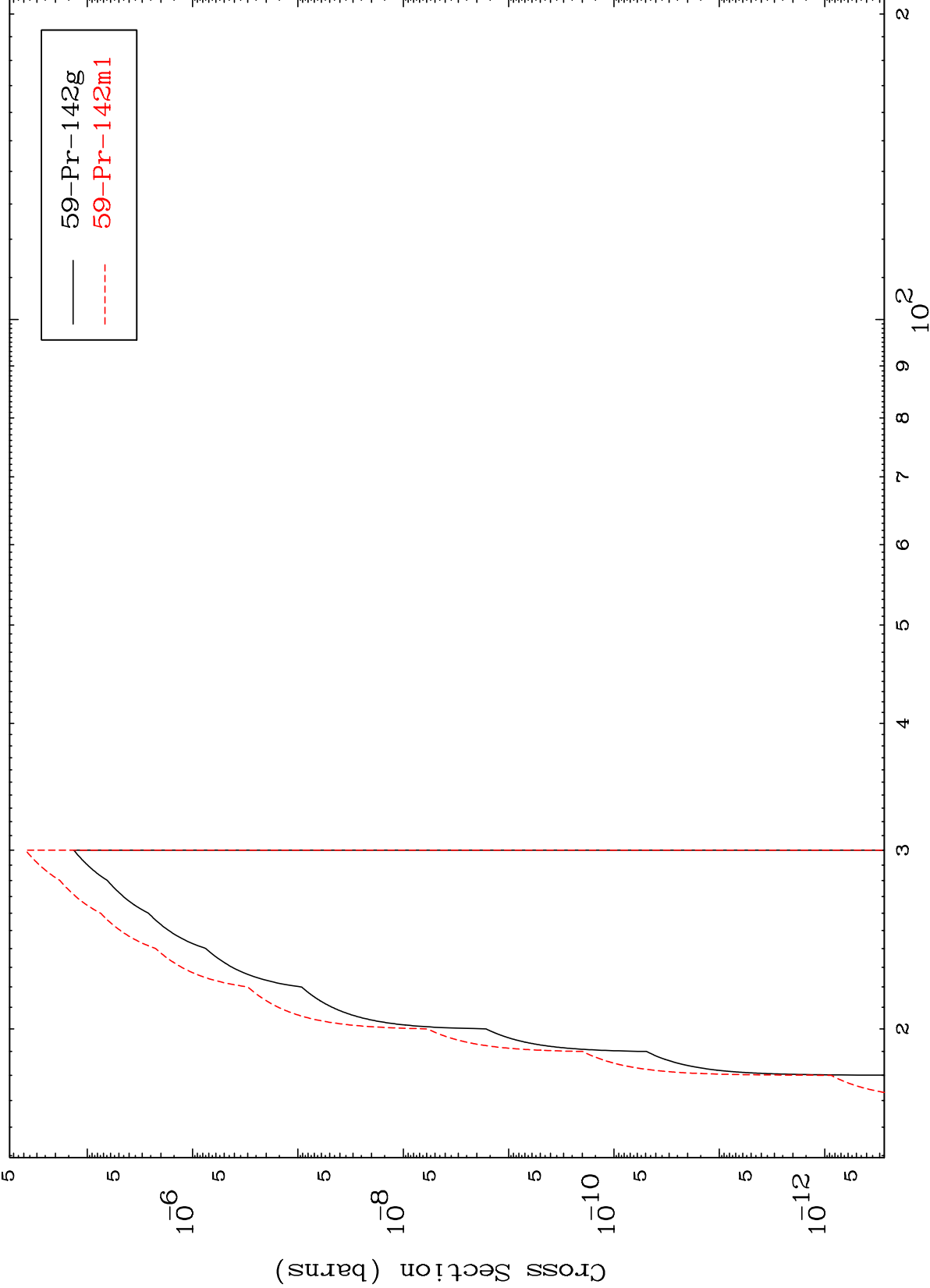


18

Incident Energy (MeV)

59-Pr-144m

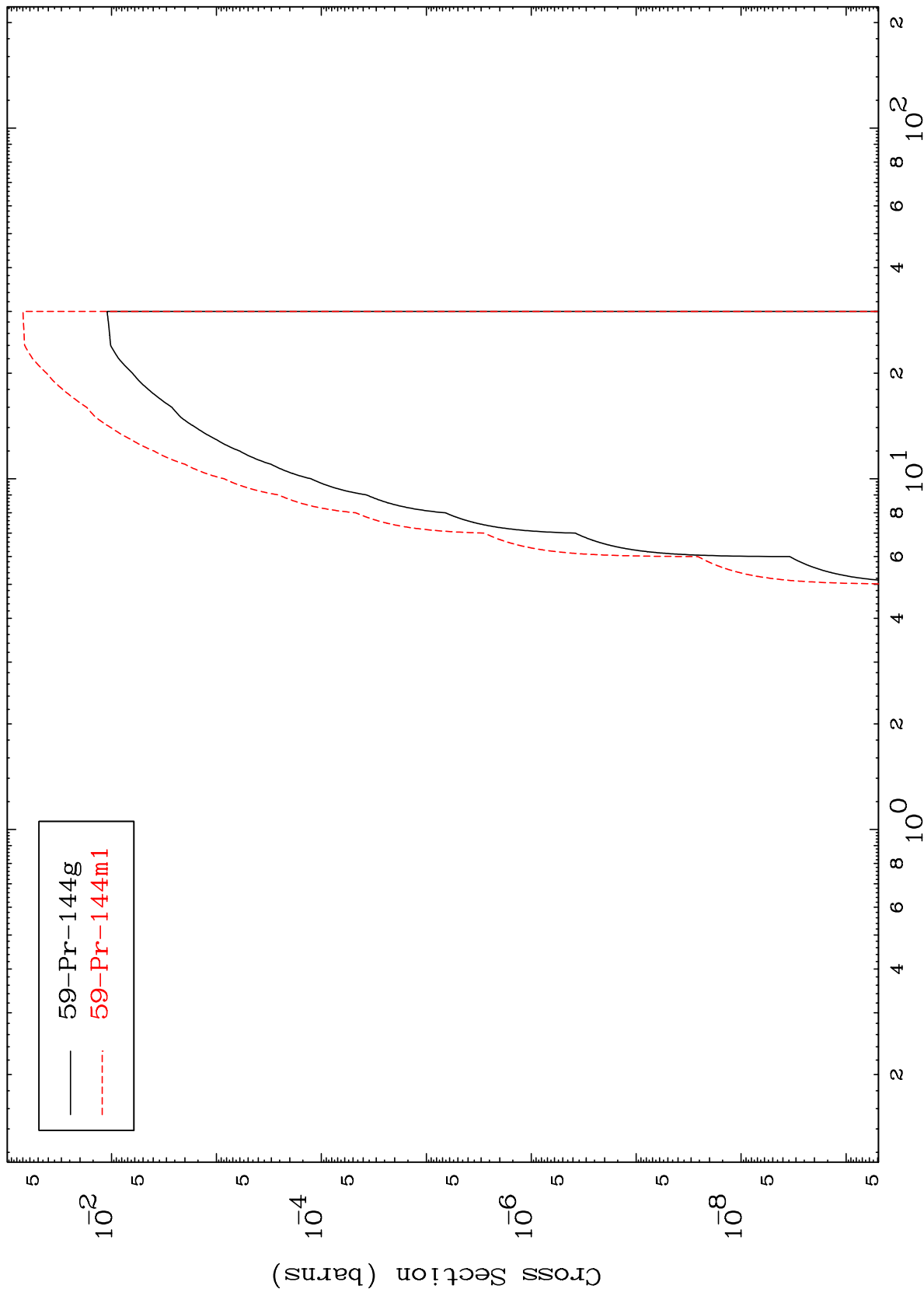
Radionuclide Production Cross Section



MAT 5935

59-Pr-144m

(n,d)
Radionuclide Production Cross Section



59-Pr-144m

Incident Energy (MeV)

20