

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

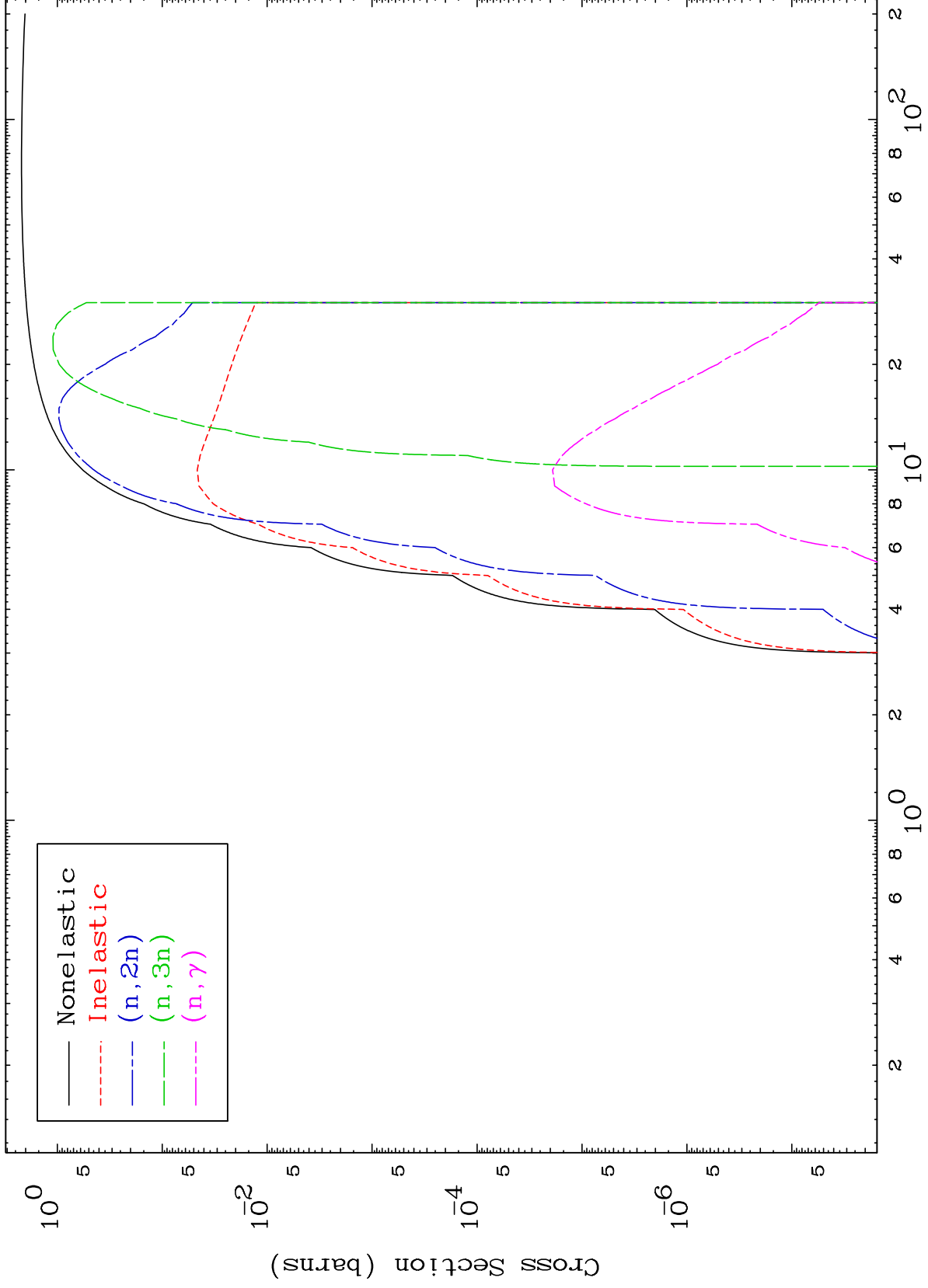
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

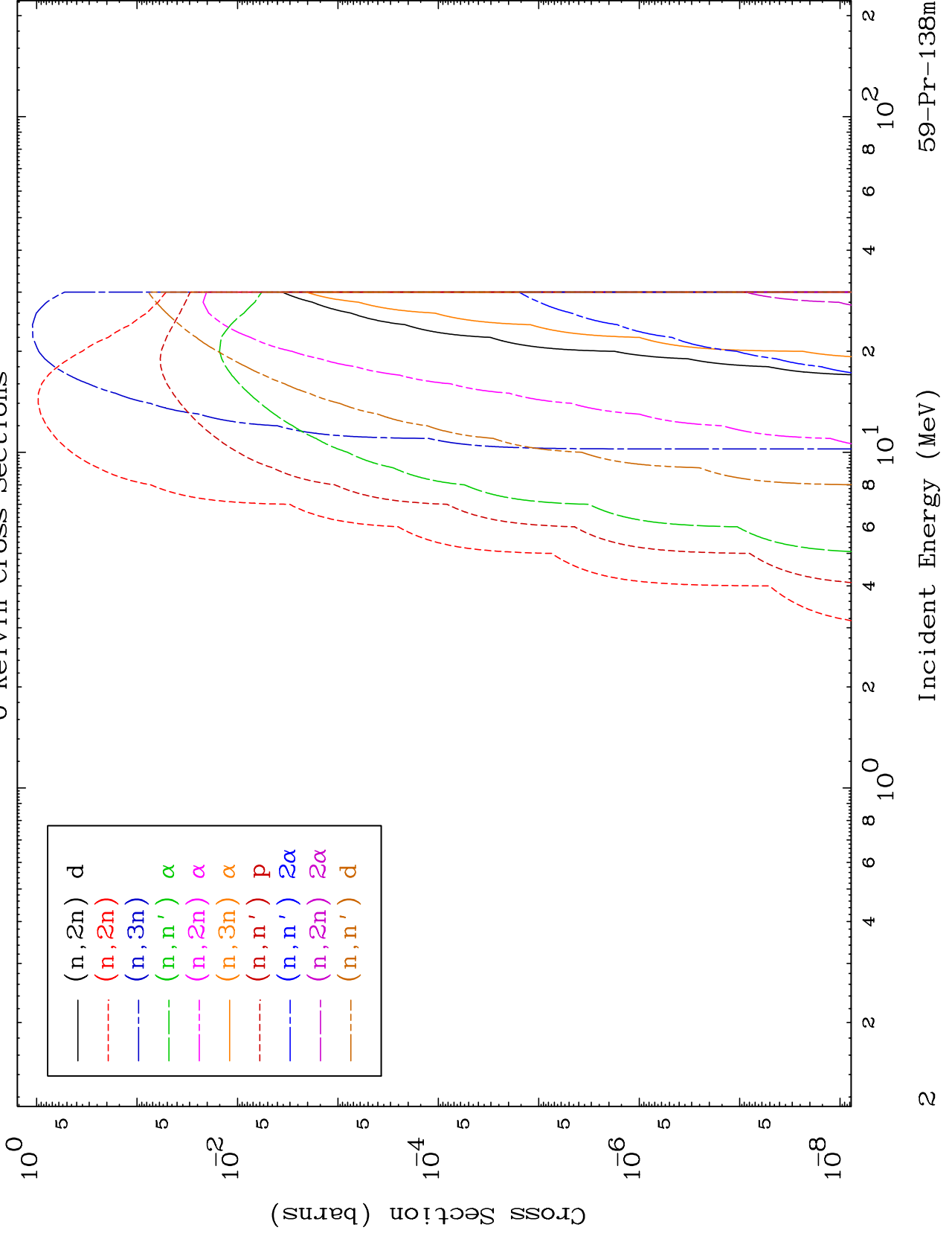
Press Mouse Button to Start

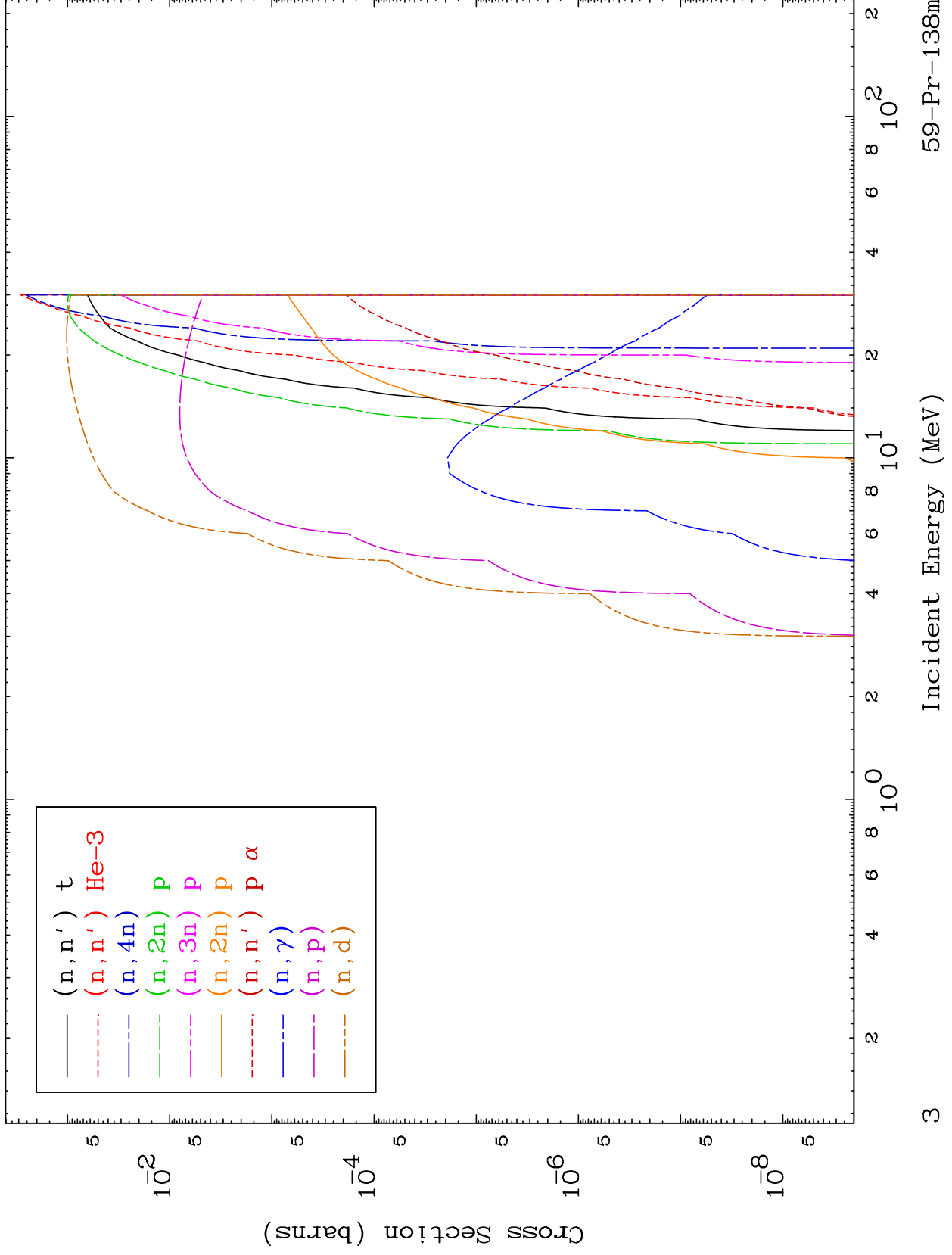


MAT 5917

Triton Neutron Absorption
0 Kelvin Cross Sections

59-Pr-138m

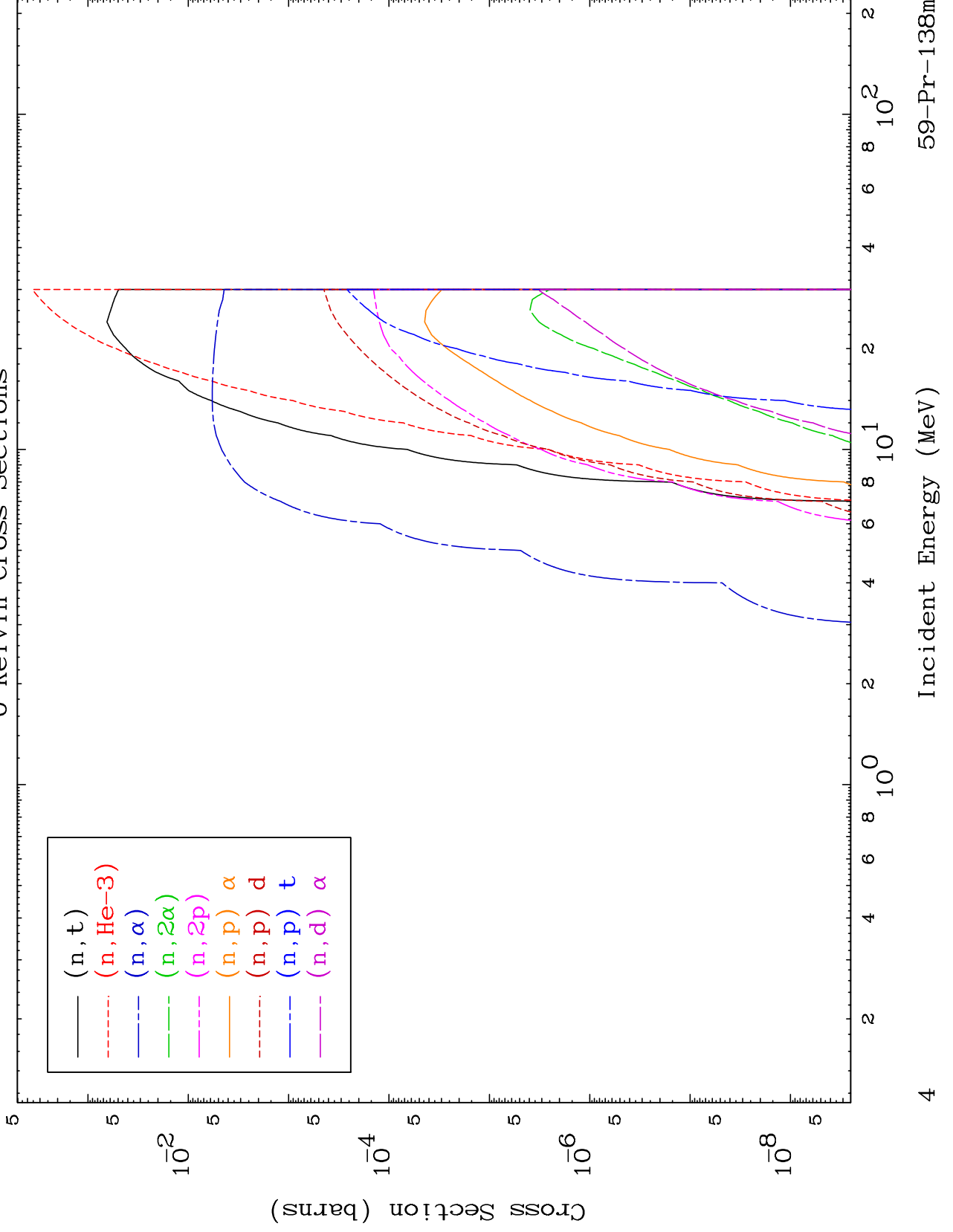


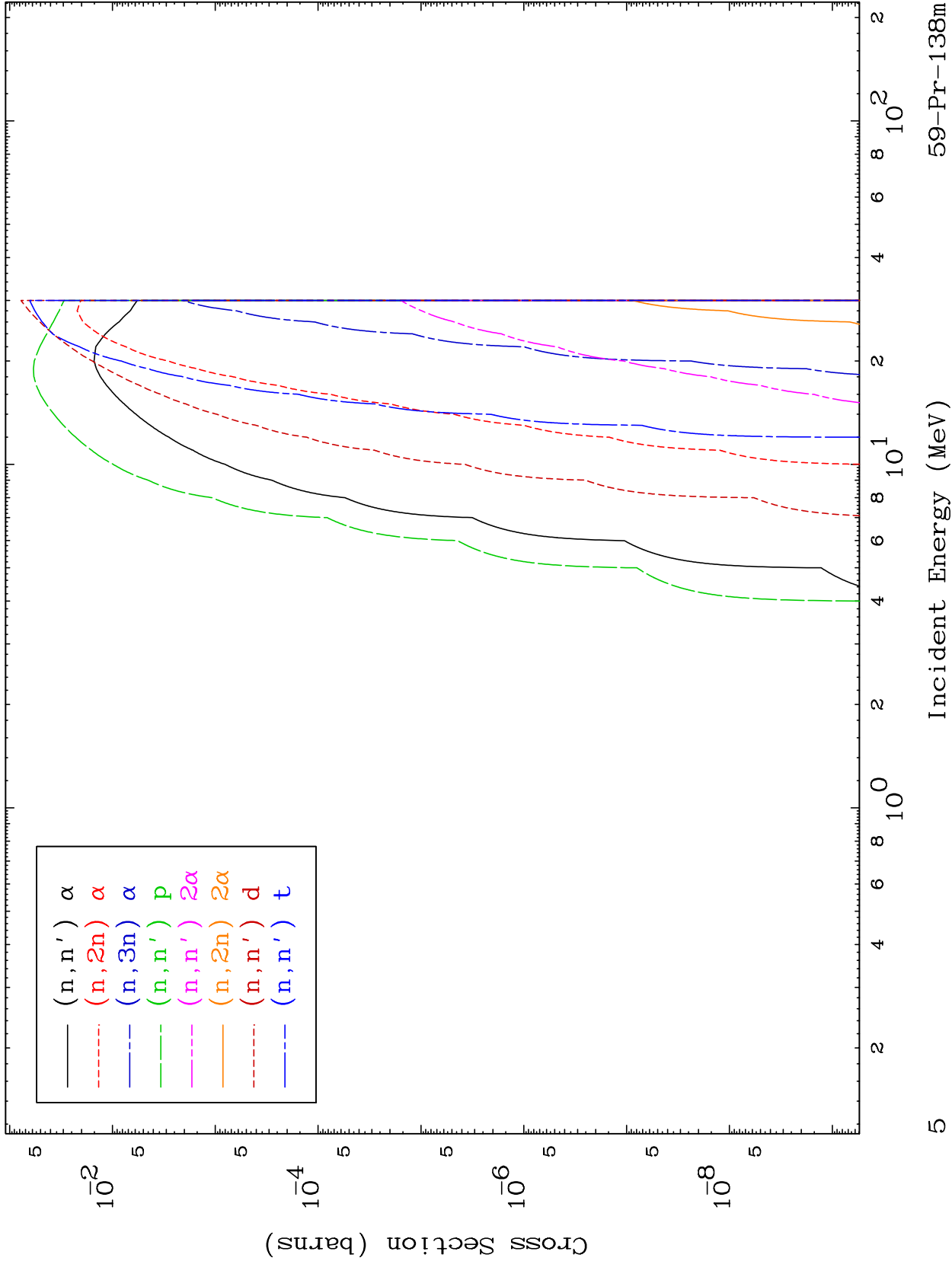


MAT 5917

Triton Neutron Absorption
0 Kelvin Cross Sections

59-Pr-138m

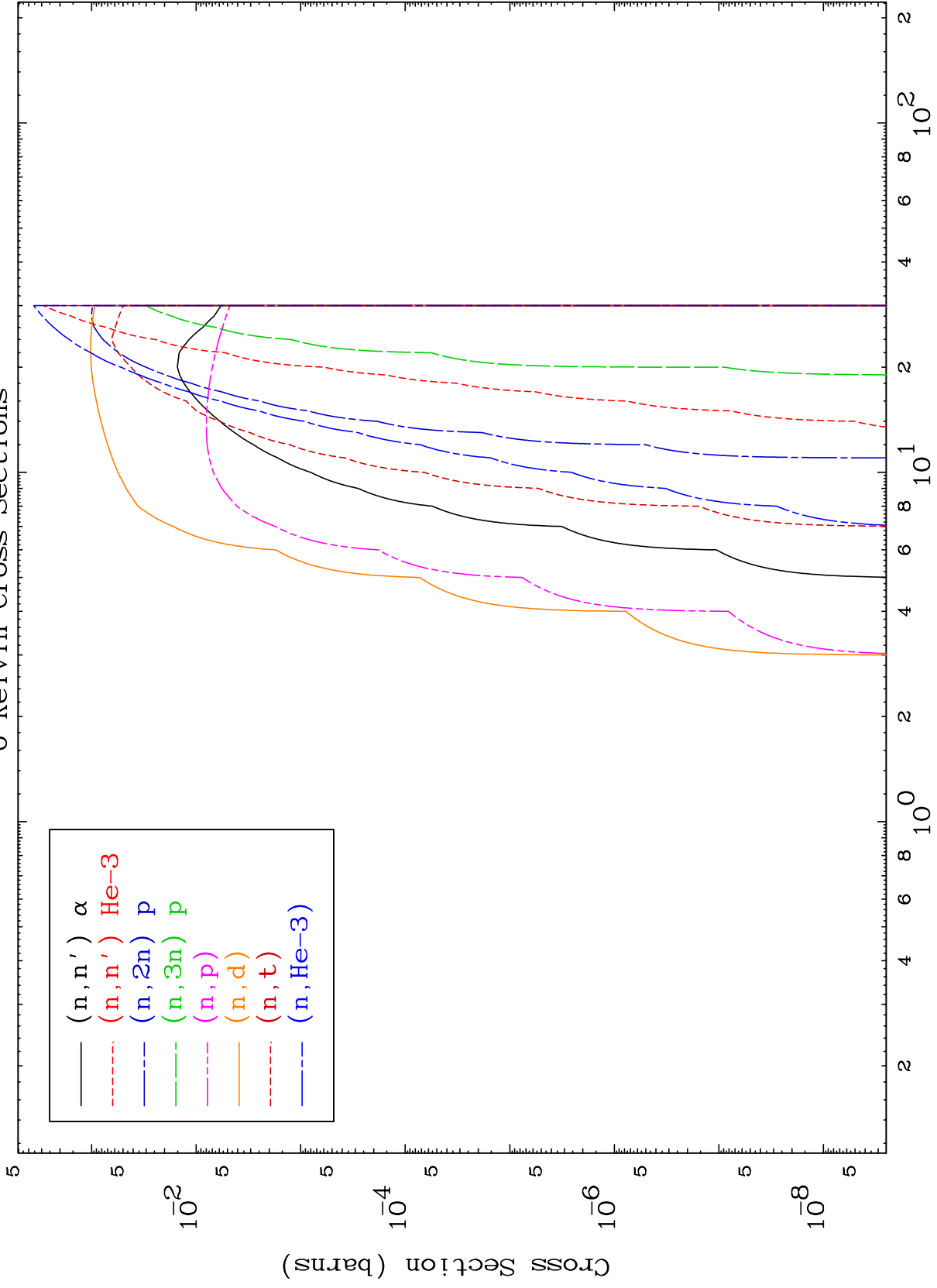


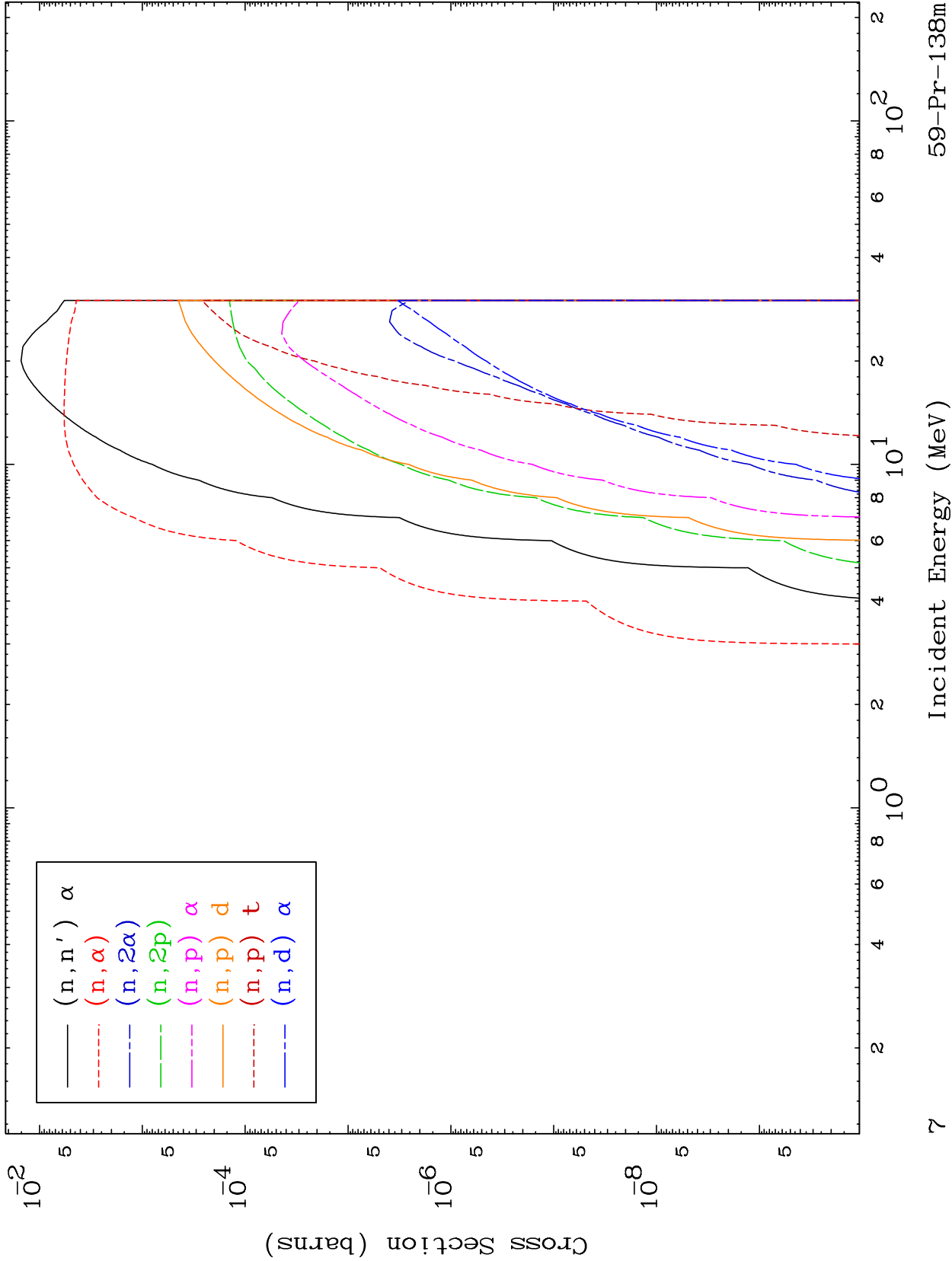


MAT 5917

Triton Charged Particle
0 Kelvin Cross Sections

59-Pr-138m

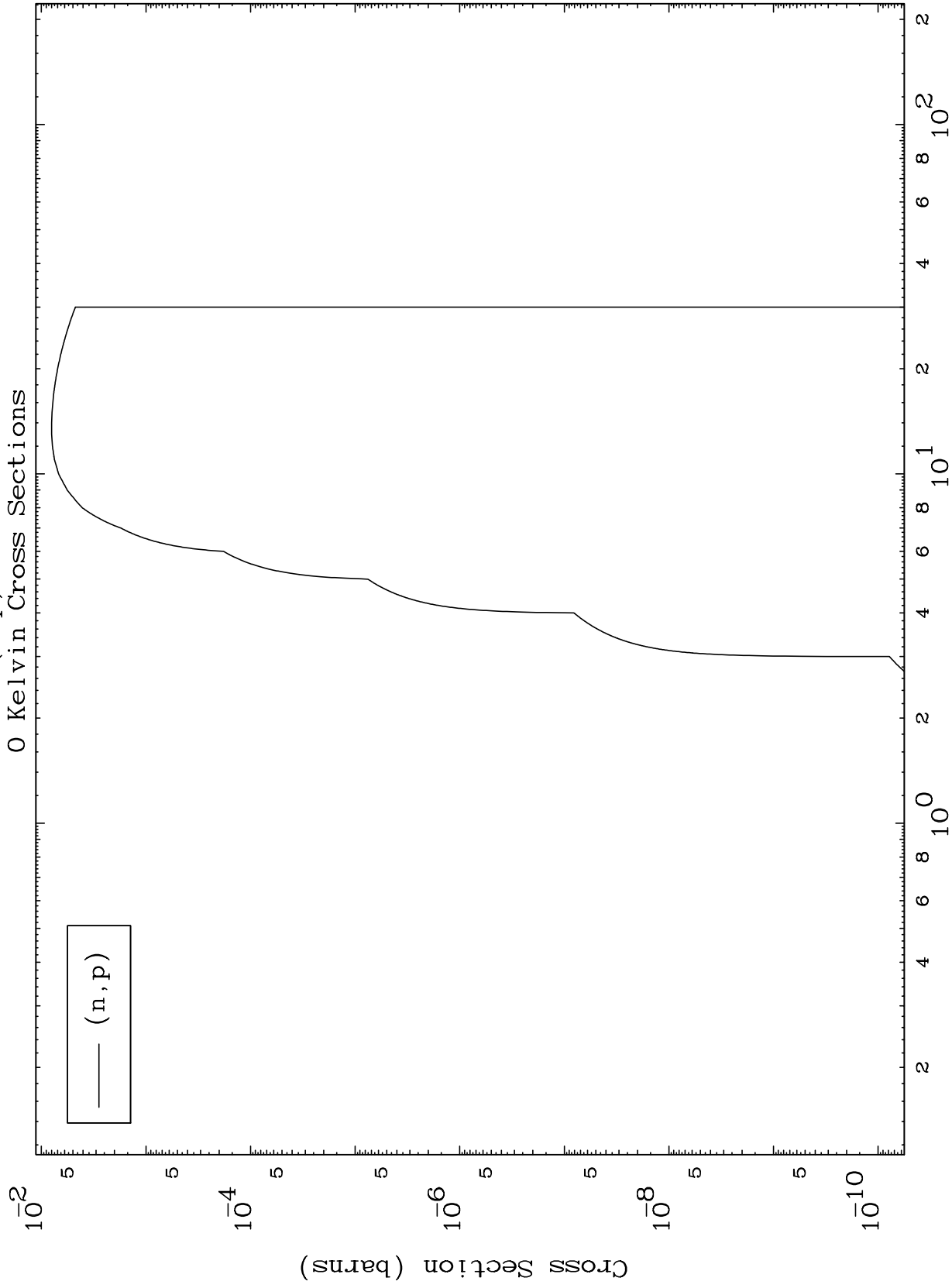




MAT 5917

(t,p) Levels

59-Pr-138m

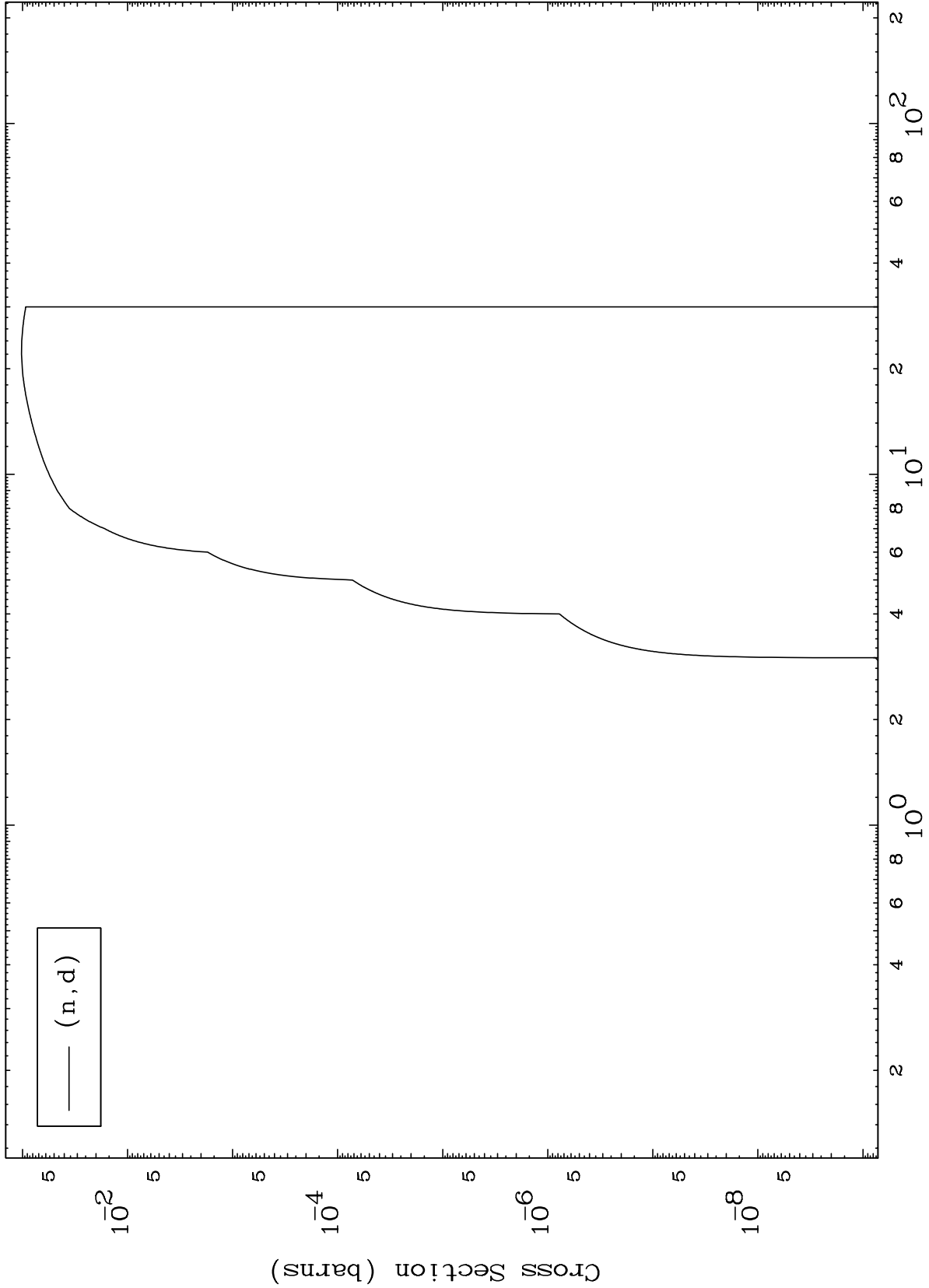


MAT 5917

(t, d) Levels

59-Pr-138m

0 Kelvin Cross Sections

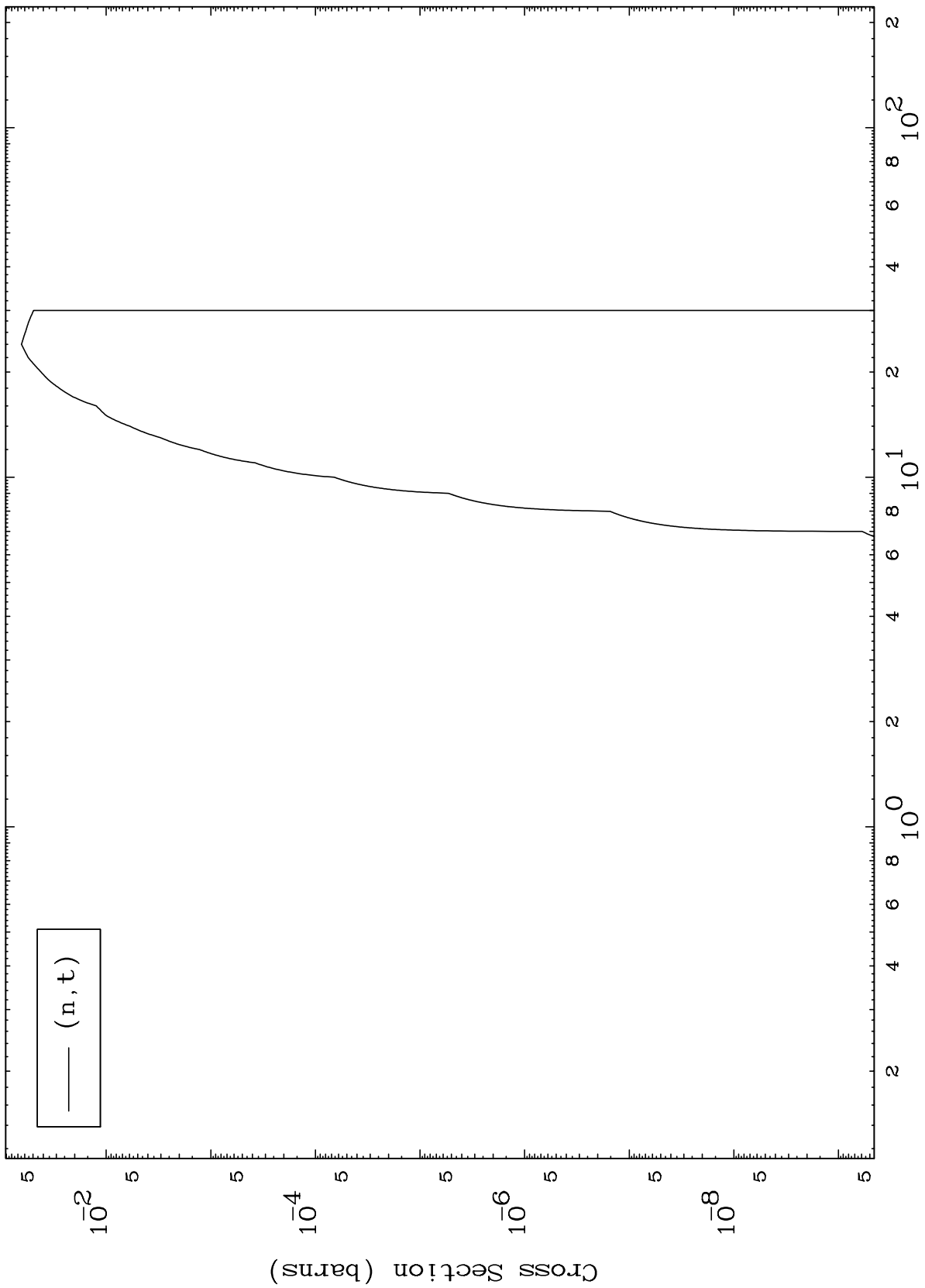


MAT 5917

(t, t) Levels

59-Pr-138m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

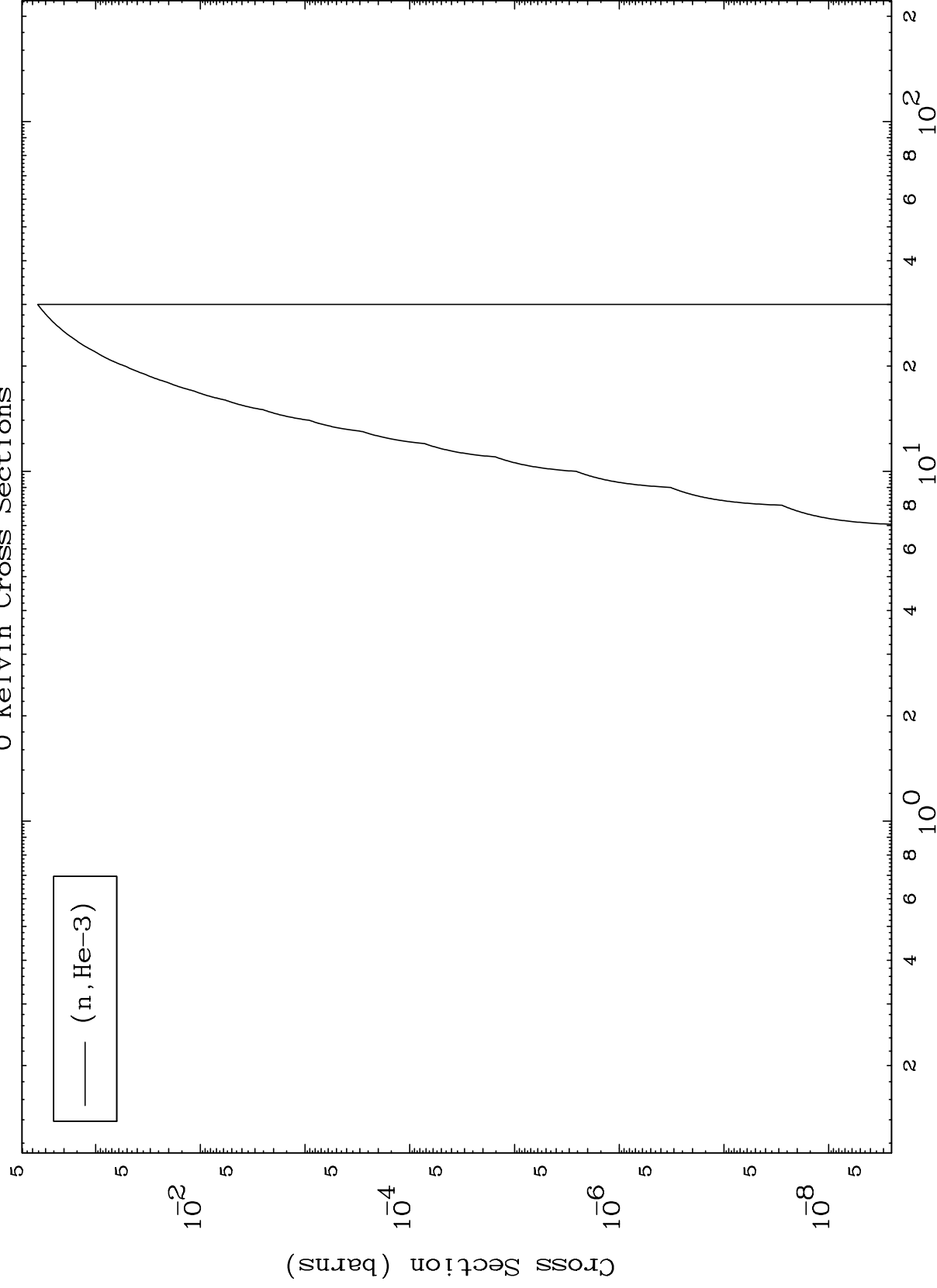
59-Pr-138m

MAT 5917

(t,He3) Levels

59-Pr-138m

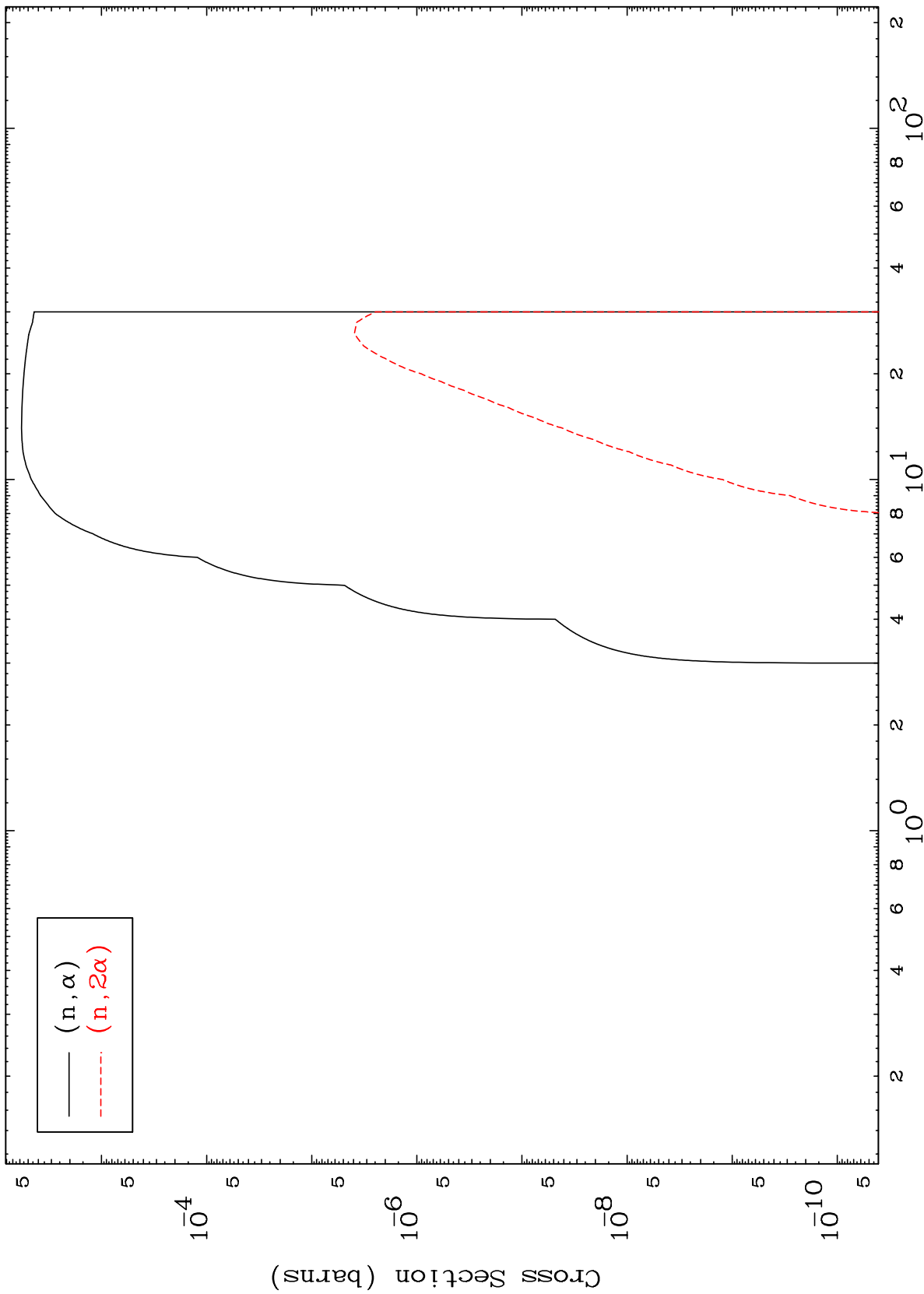
0 Kelvin Cross Sections



MAT 5917

59-Pr-138m

(t, α) Levels
0 Kelvin Cross Sections



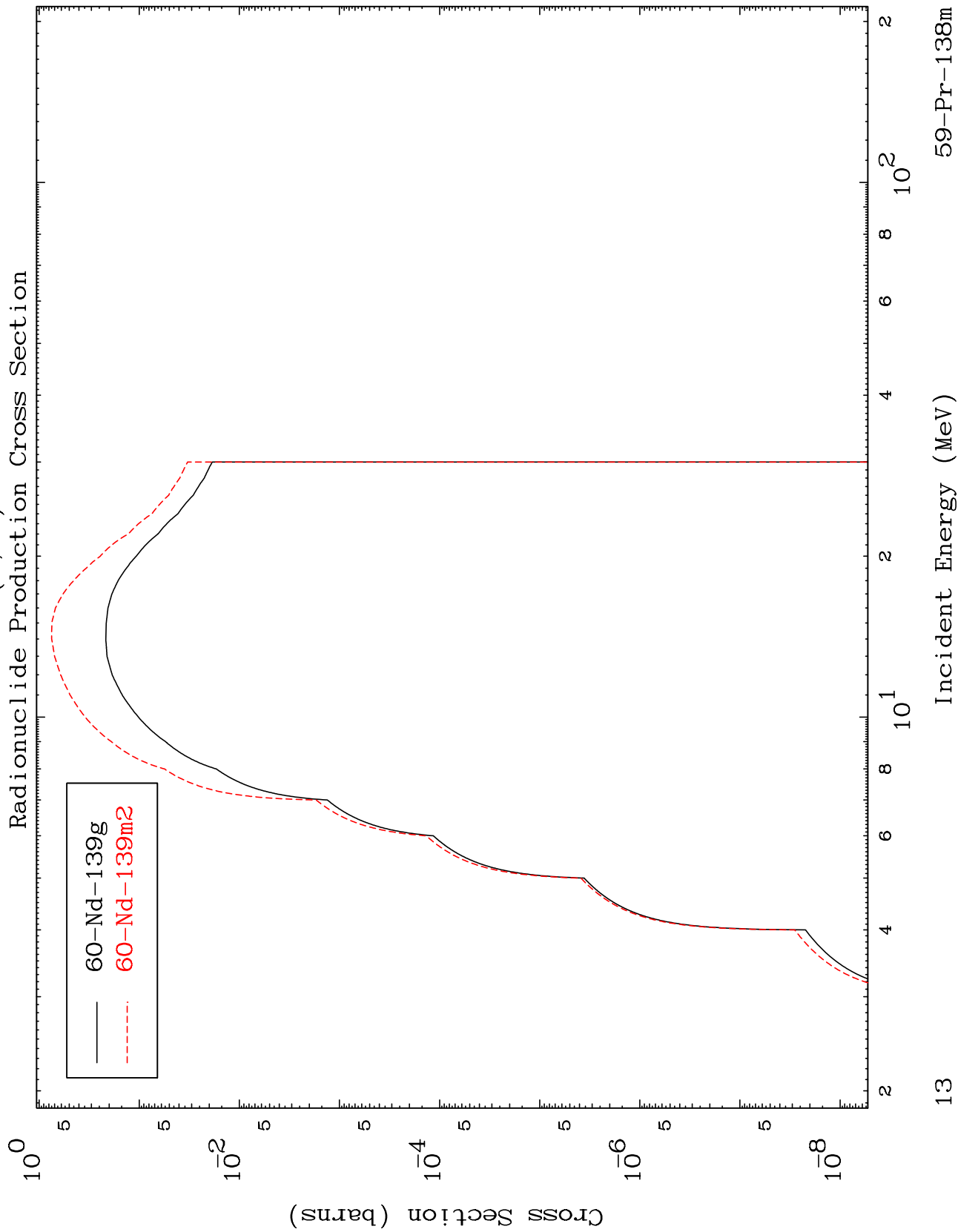
59-Pr-138m

Incident Energy (MeV)

12

MAT 5917

59-Pr-138m



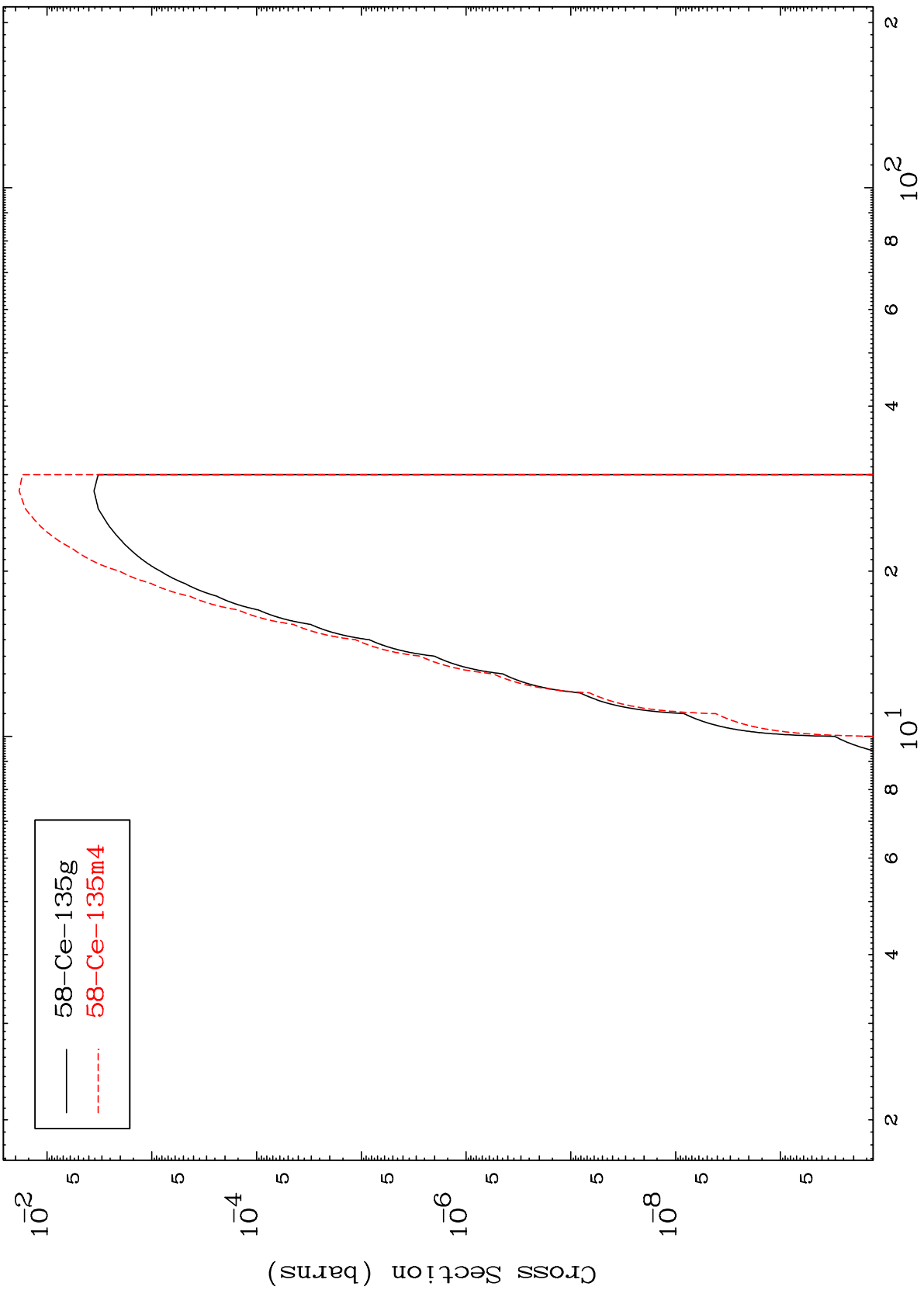
13

MAT 5917

(n,2n) α

59-Pr-138m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

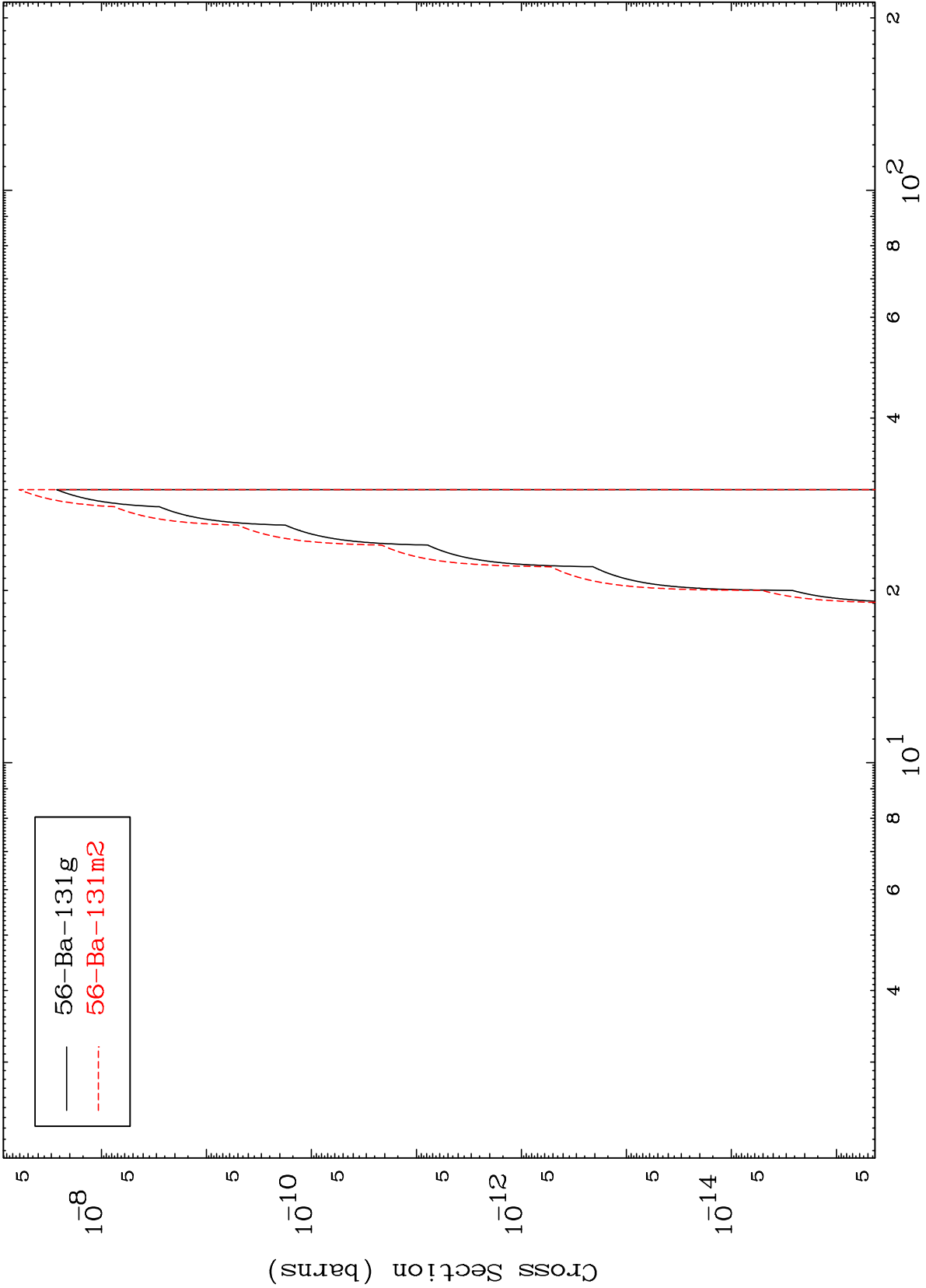
59-Pr-138m

MAT 5917

(n,2n) 2α

59-Pr-138m

Radionuclide Production Cross Section



56-Ba-131 g
56-Ba-131 m2

15

Incident Energy (MeV)

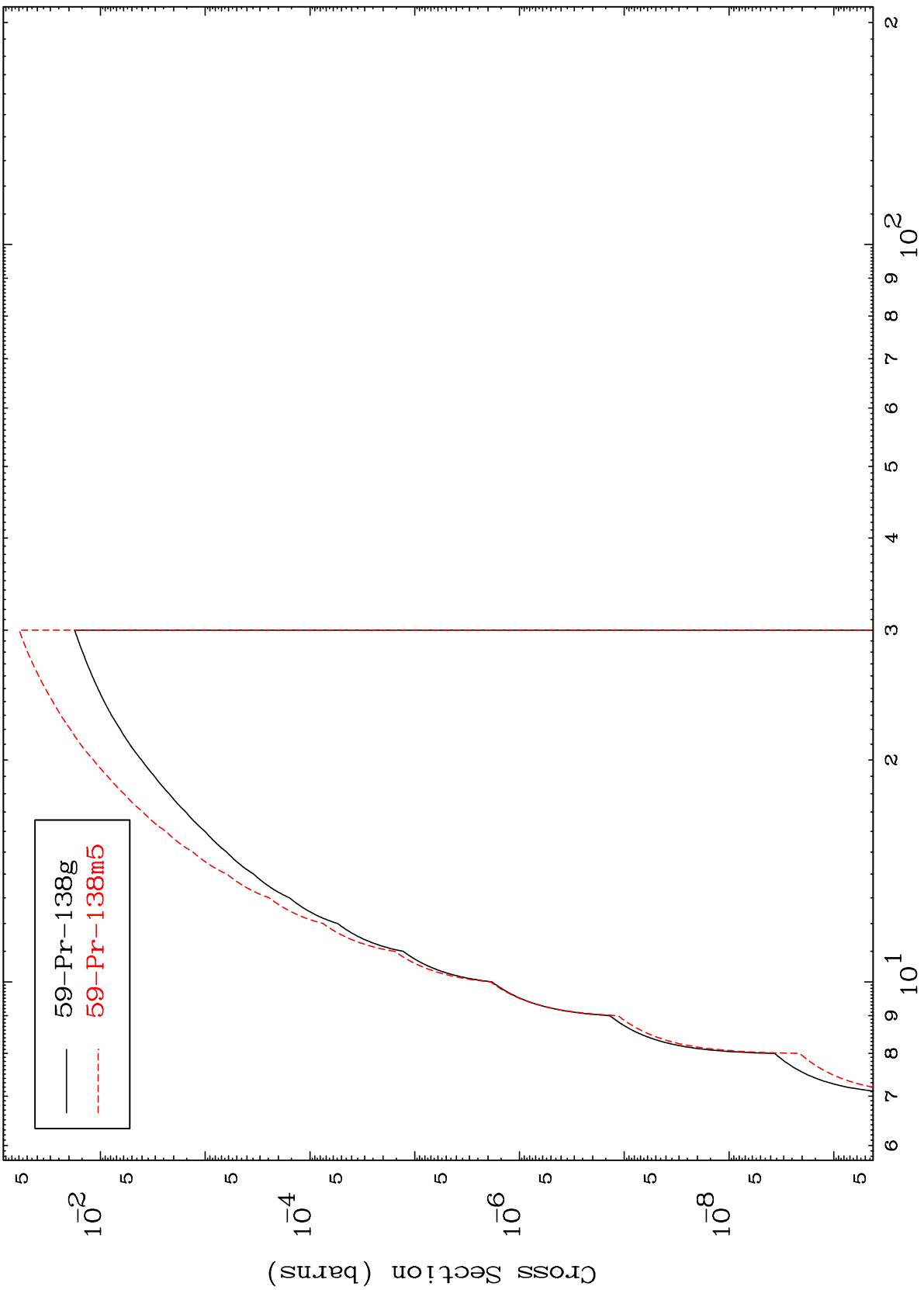
59-Pr-138m

MAT 5917

(n,n') d

59-Pr-138m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

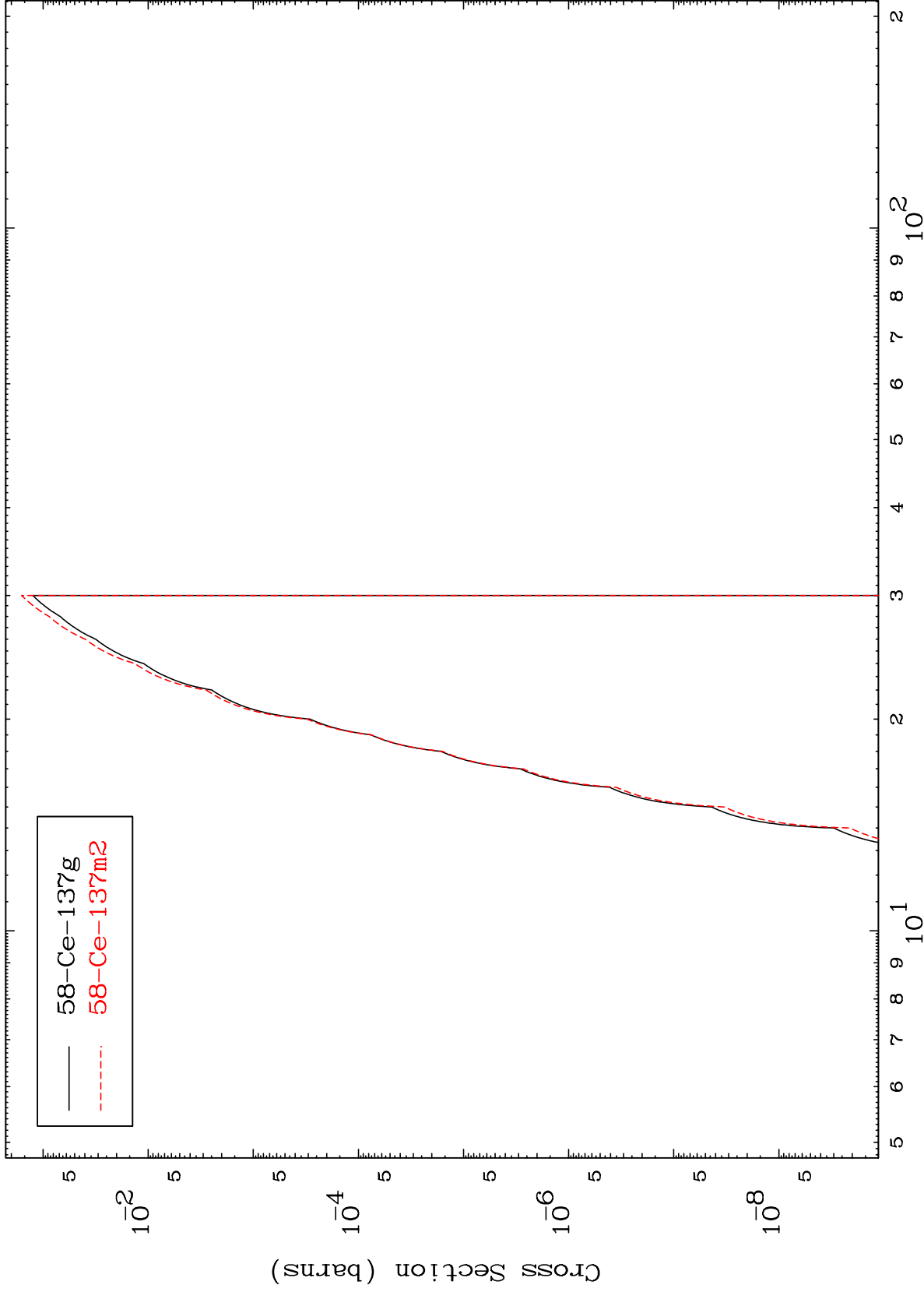
59-Pr-138m

MAT 5917

(n,n') He-3

59-Pr-138m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

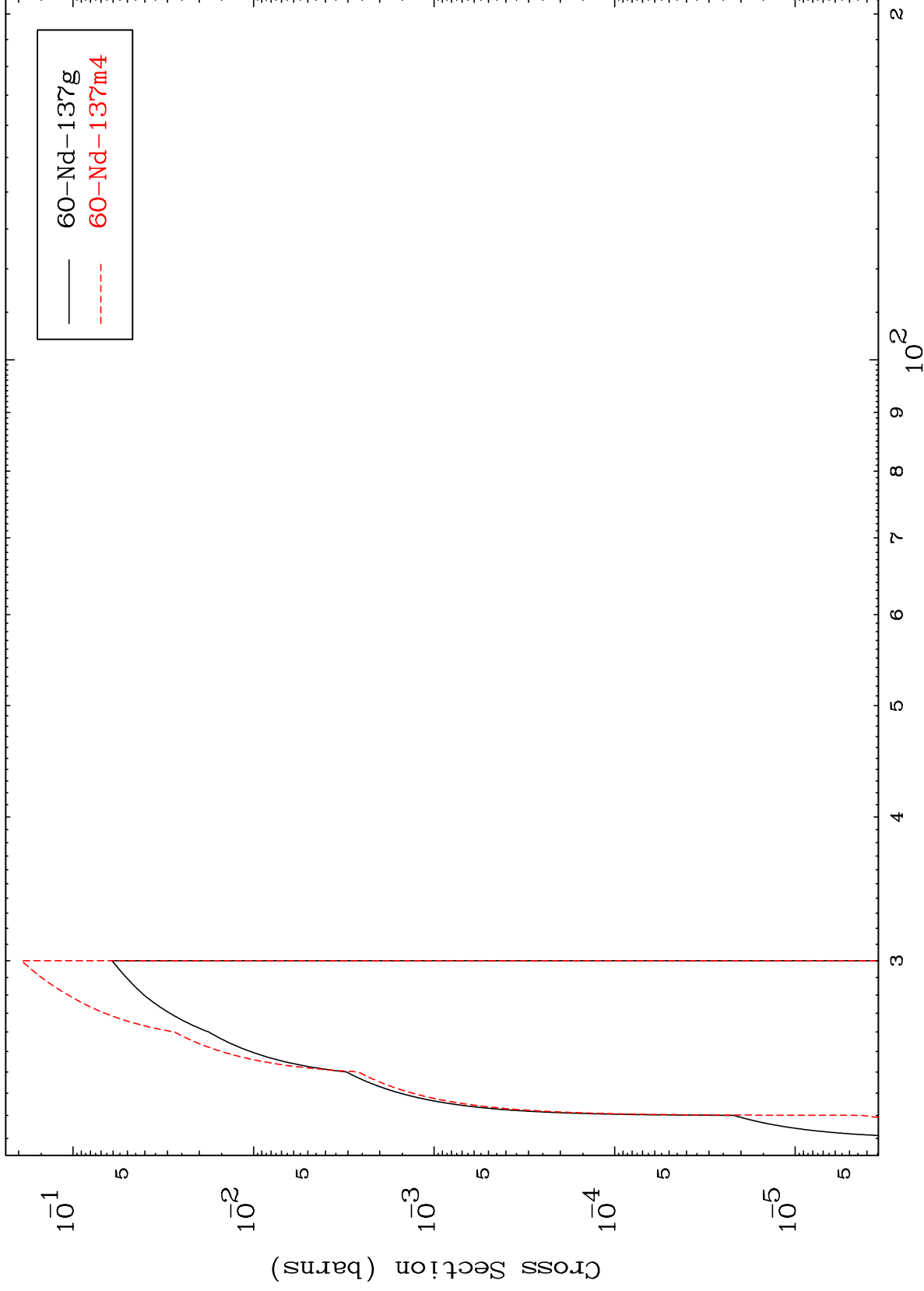
59-Pr-138m

MAT 5917

(n,4n)

59-Pr-138m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

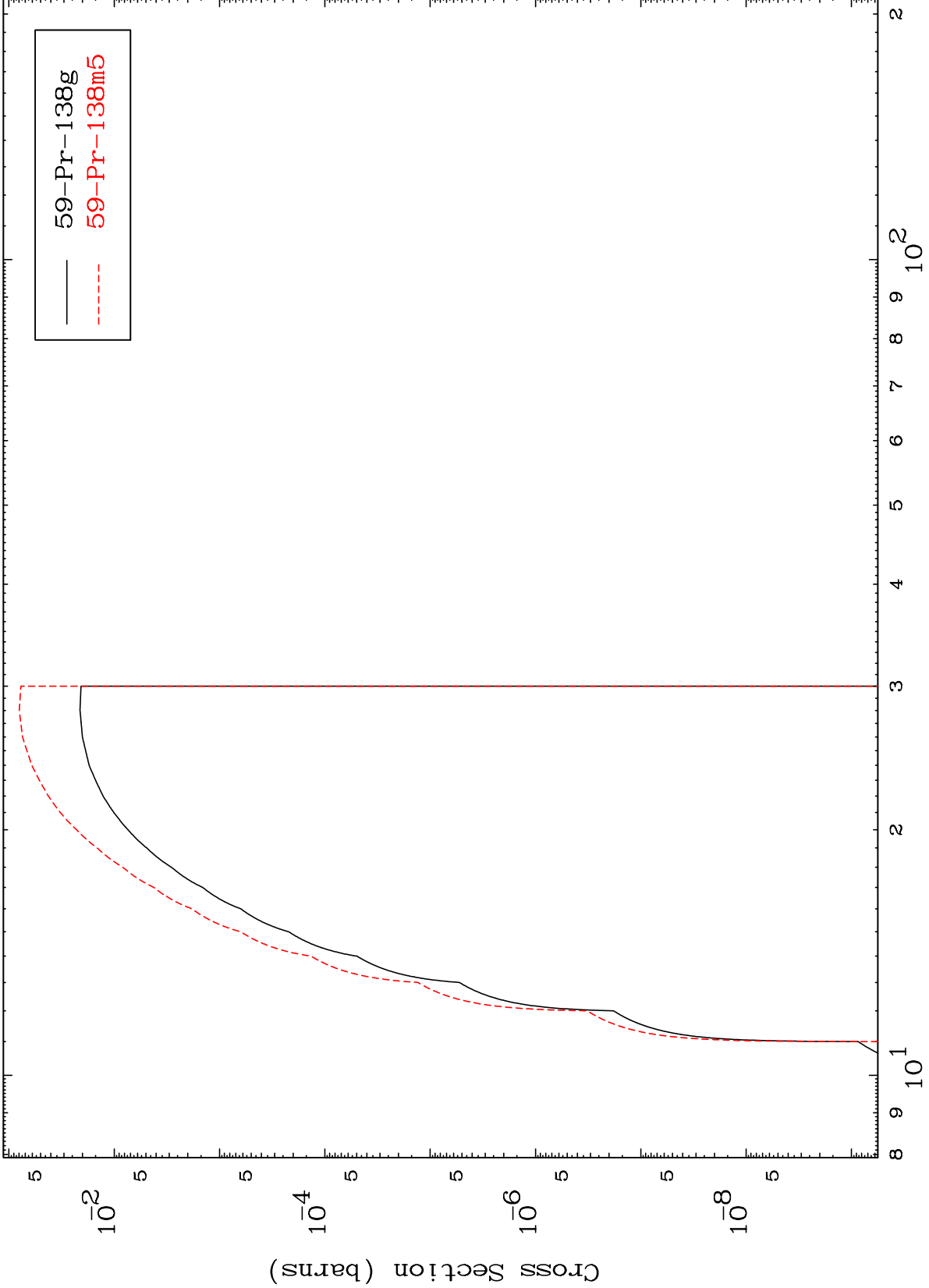
59-Pr-138m

MAT 5917

(n,2n) p

59-Pr-138m

Radionuclide Production Cross Section



8

9

10

2

3

4

5

6

7

8

9

2

59-Pr-138m

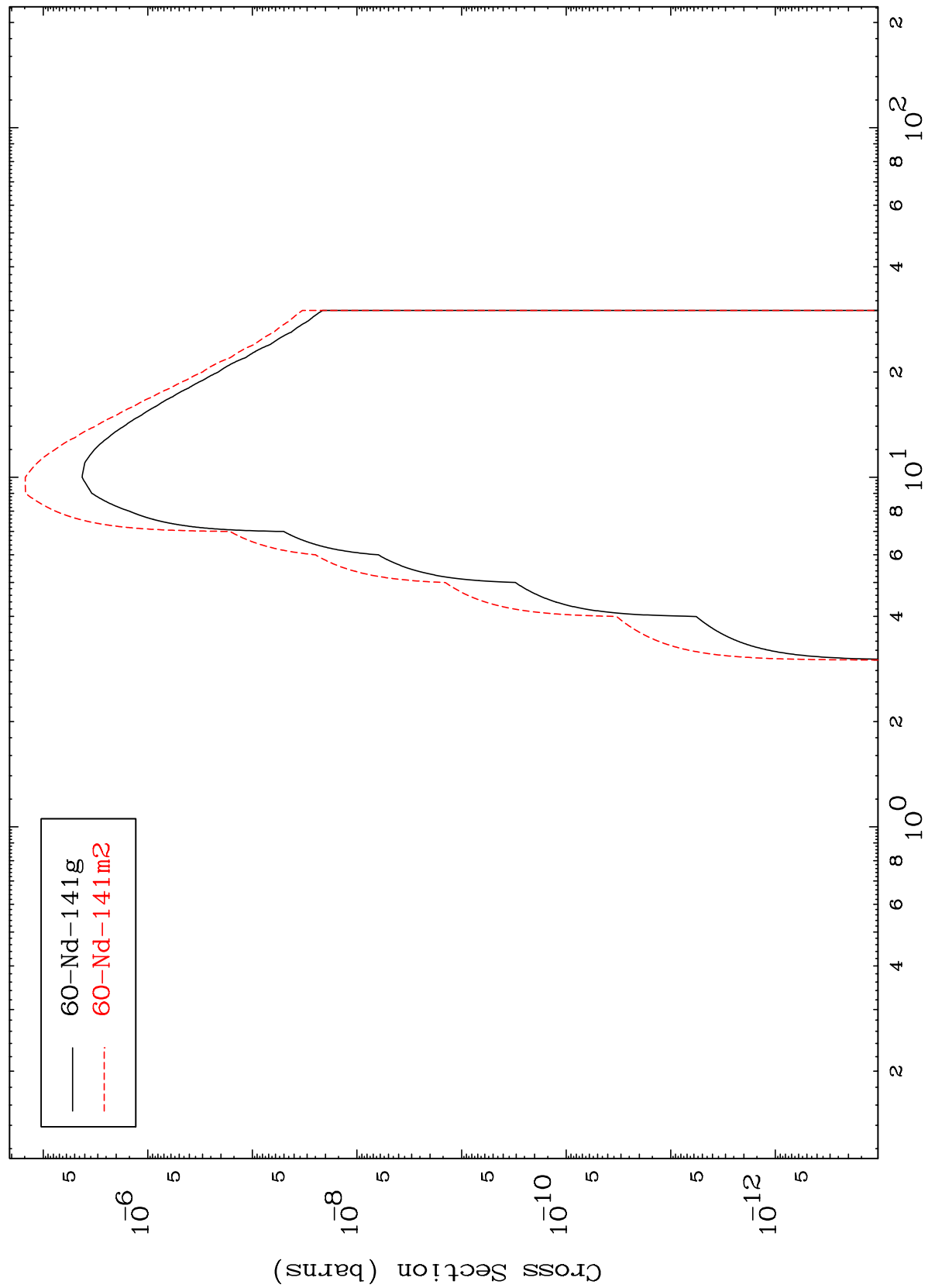
Incident Energy (MeV)

19

MAT 5917

59-Pr-138m

(n, γ)
Radionuclide Production Cross Section



20

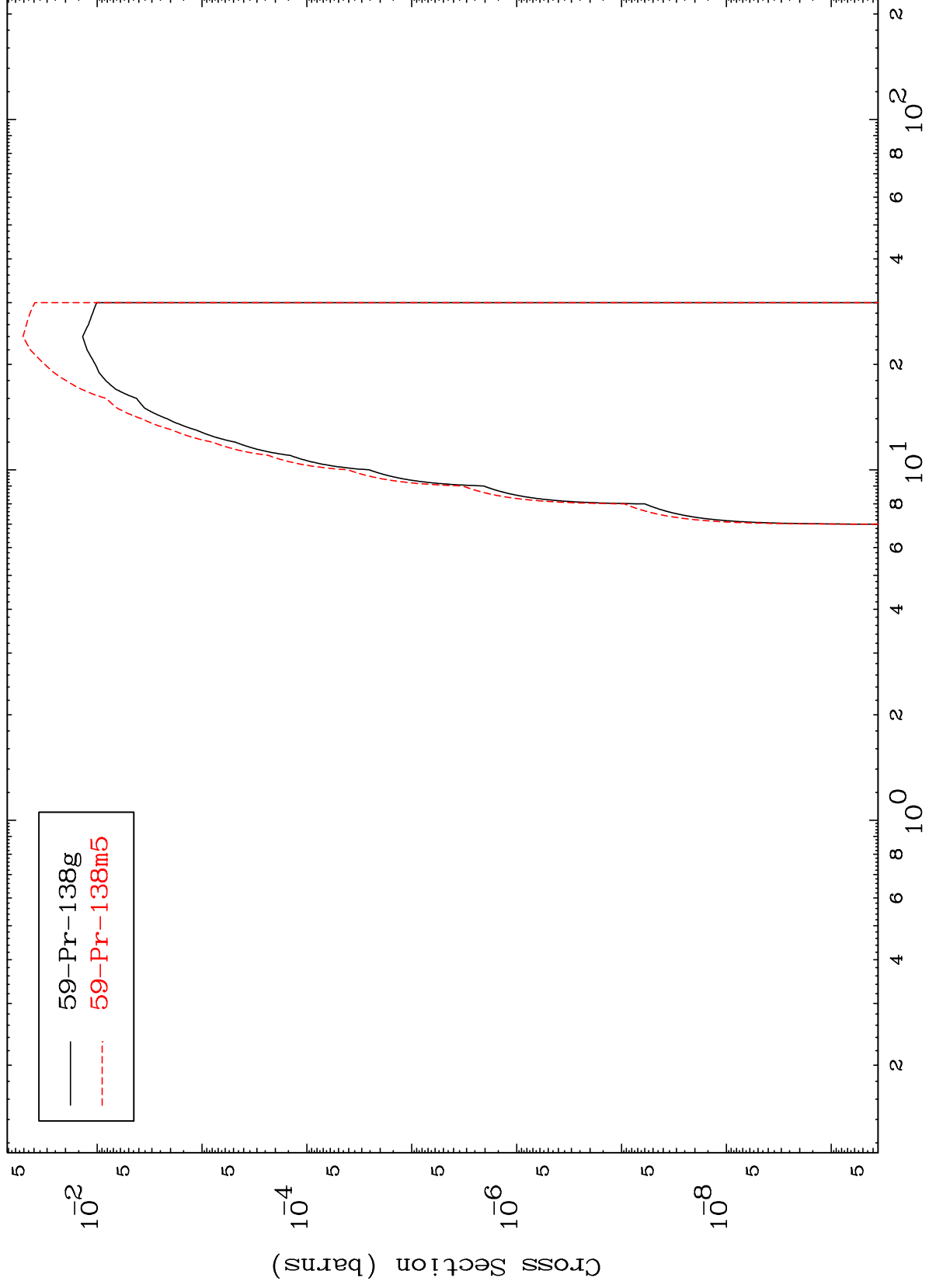
59-Pr-138m

MAT 5917

(n, t)

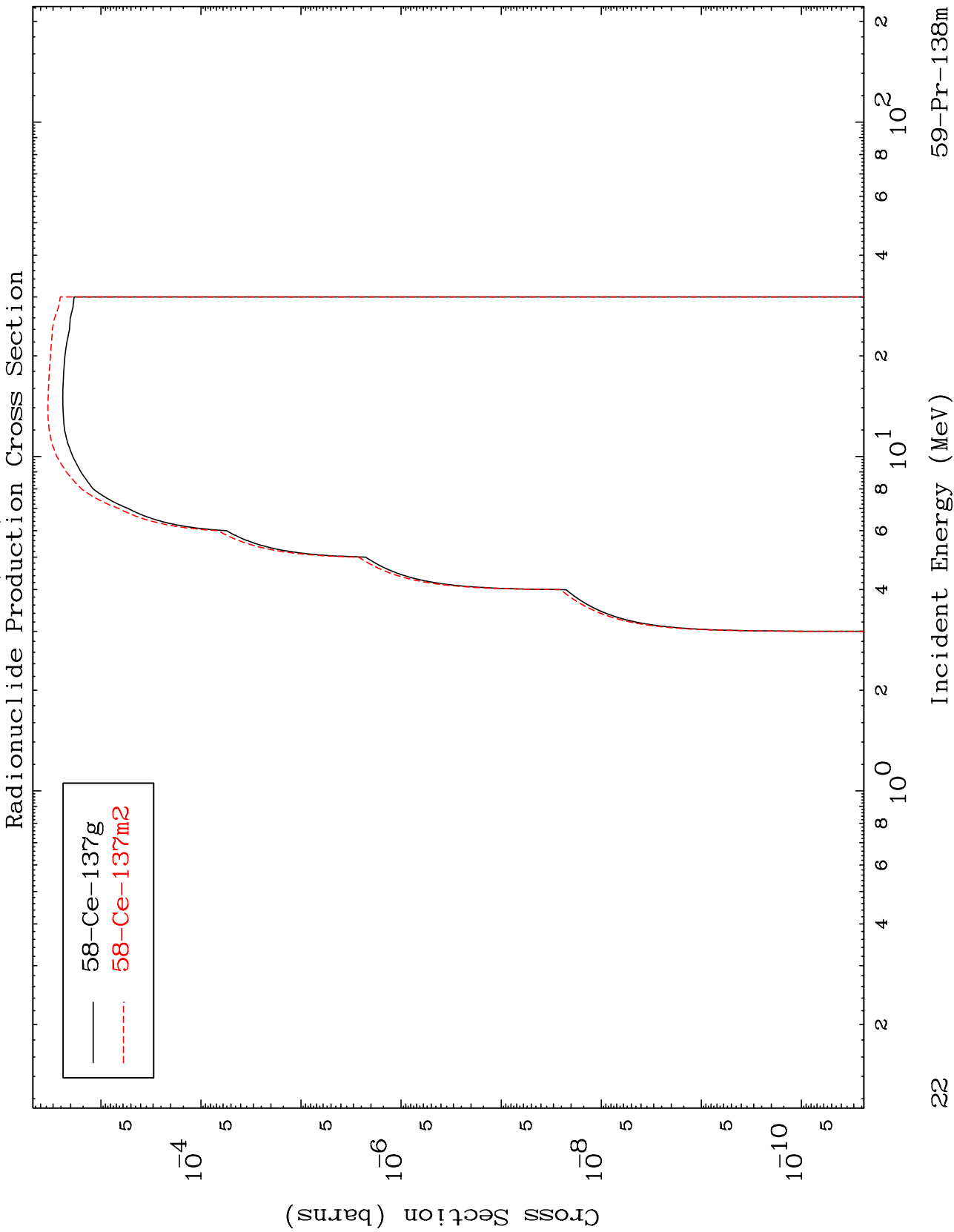
59-Pr-138m

Radionuclide Production Cross Section



MAT 5917

59-Pr-138m

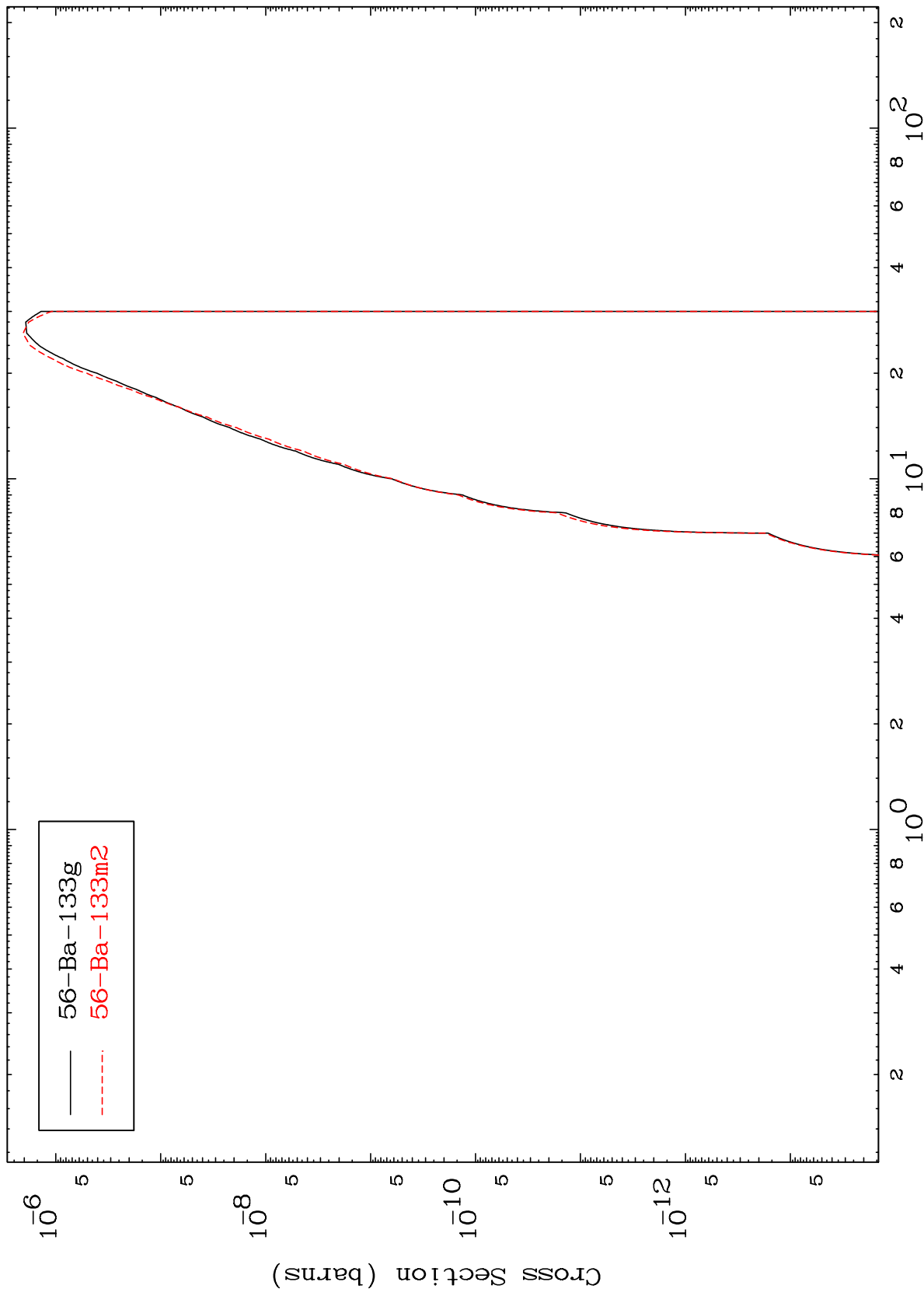


58-Ce-137g
58-Ce-137m2

MAT 5917

59-Pr-138m

Radionuclide Production Cross Section
(n,2 α)



Incident Energy (MeV)

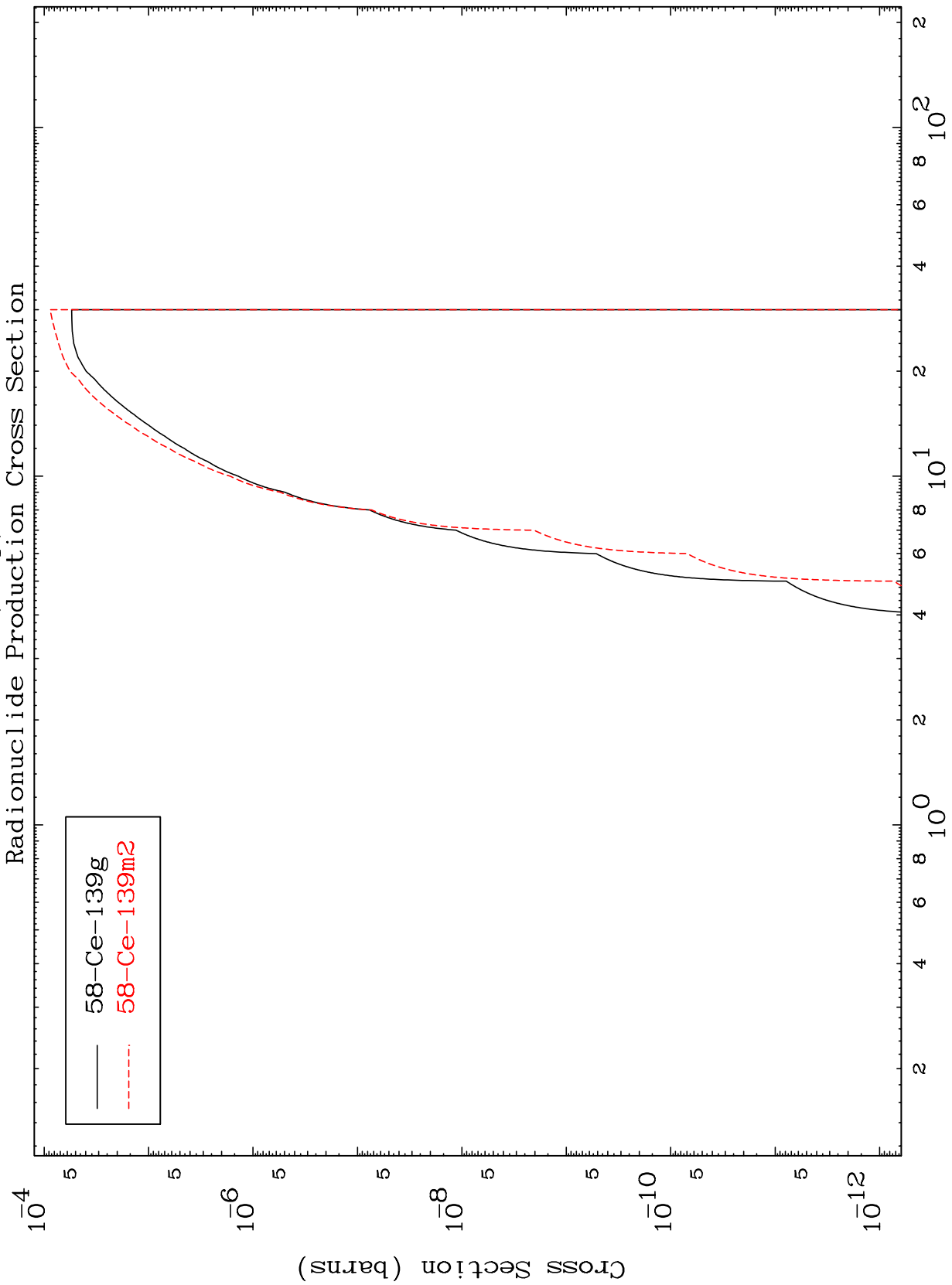
59-Pr-138m

23

MAT 5917

59-Pr-138m

(n,2p)
Radionuclide Production Cross Section

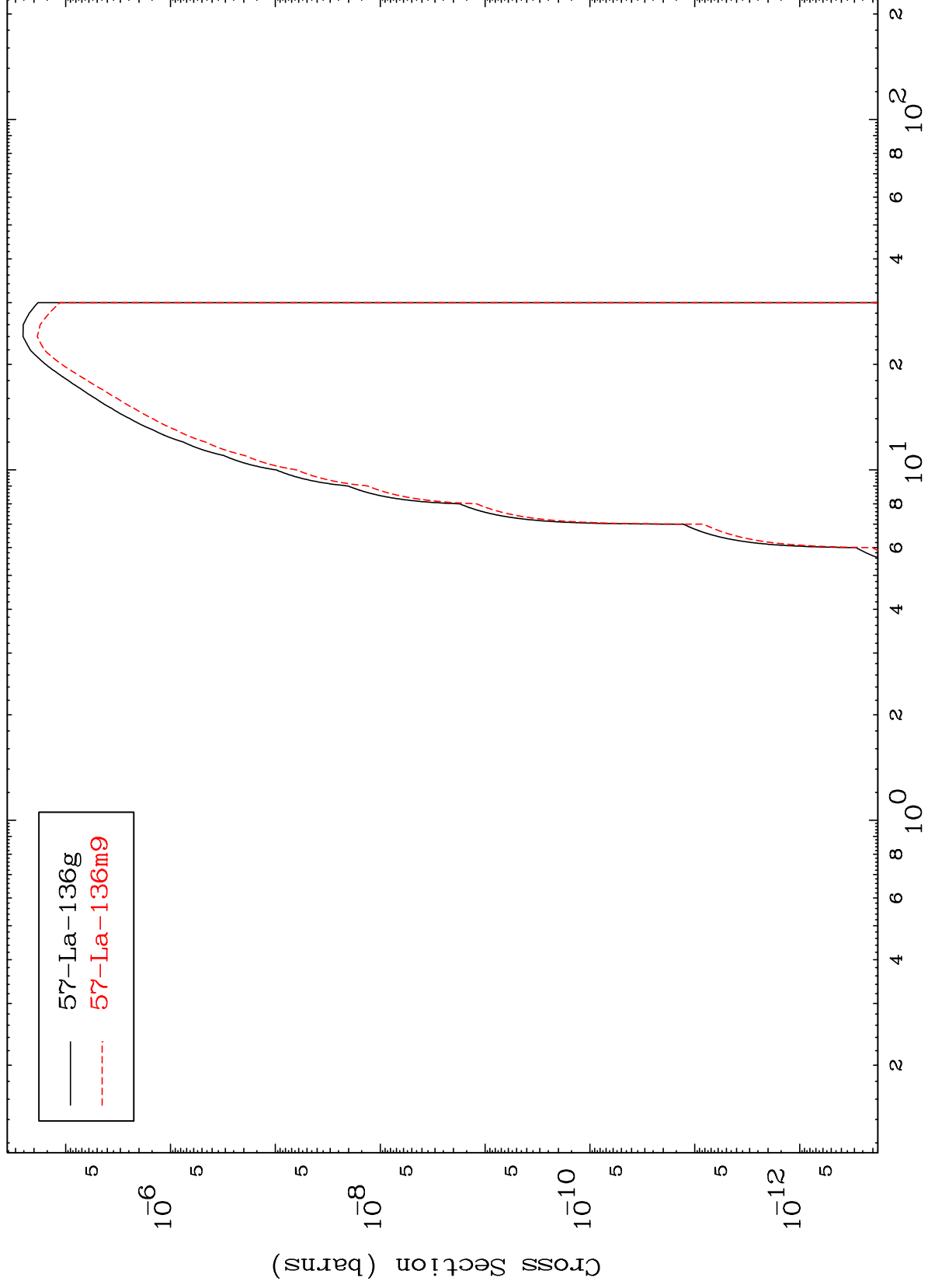


MAT 5917

(n,p) α

59-Pr-138m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

59-Pr-138m

Radionuclide Production Cross Section

