

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

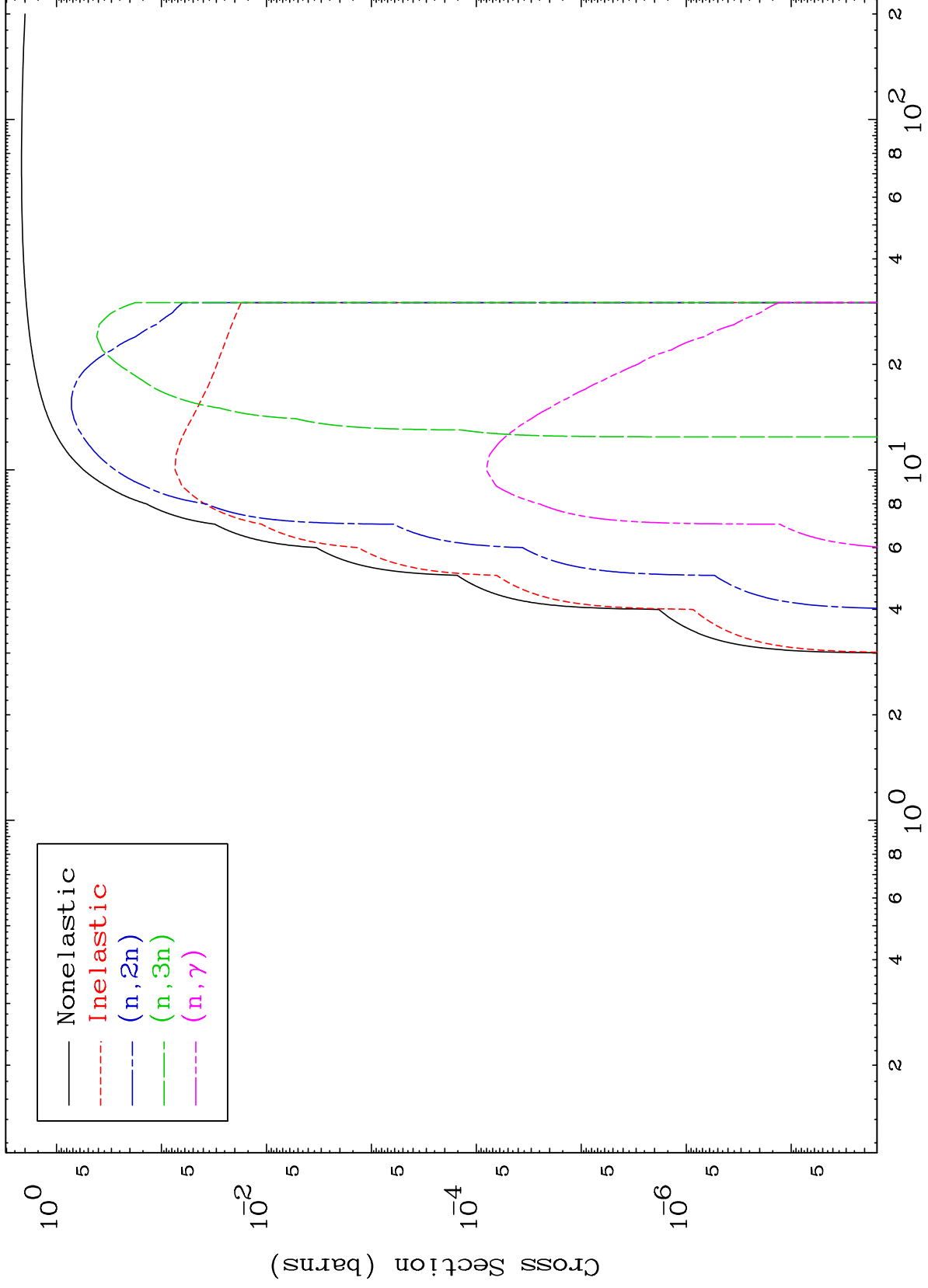
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

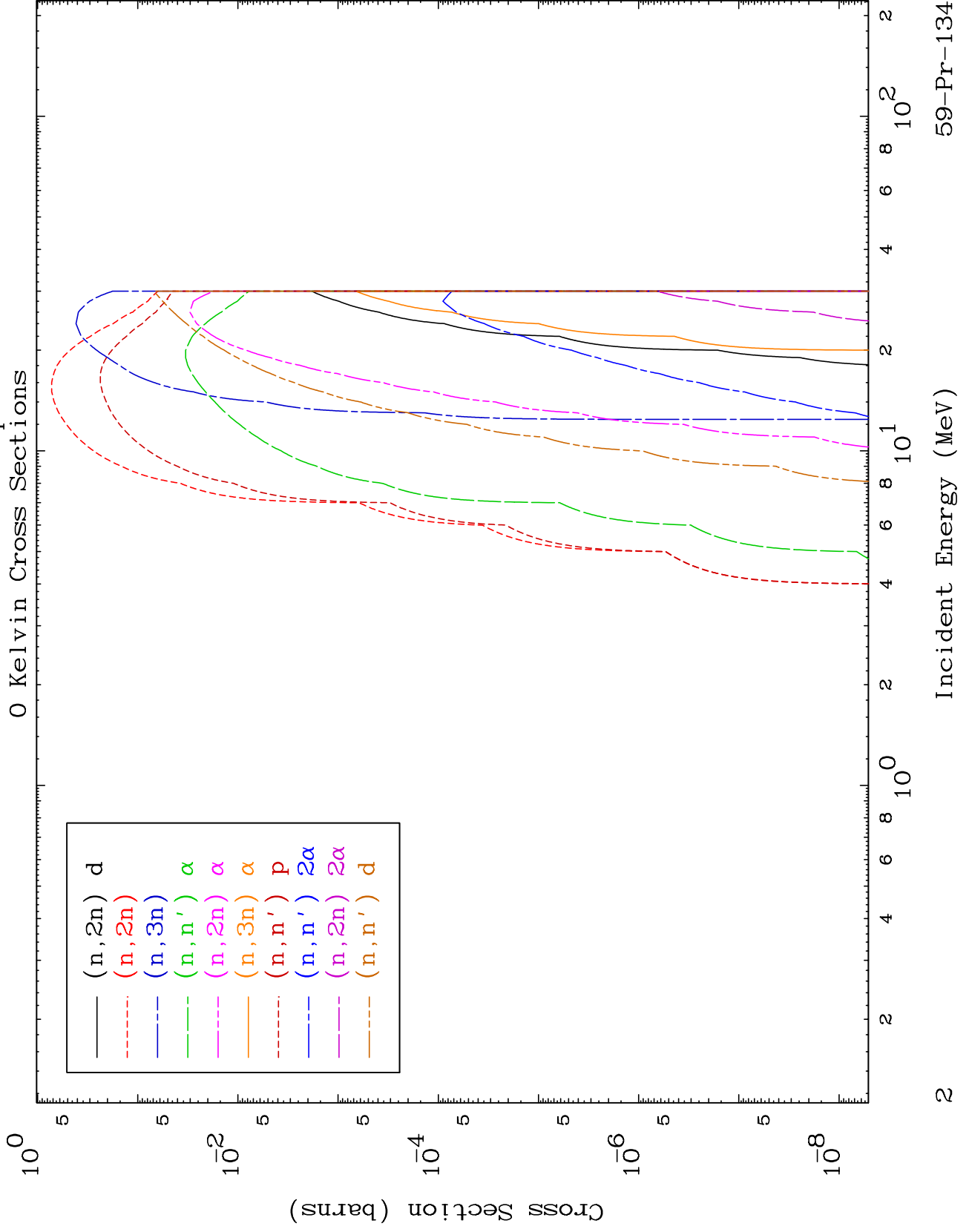
Press Mouse Button to Start

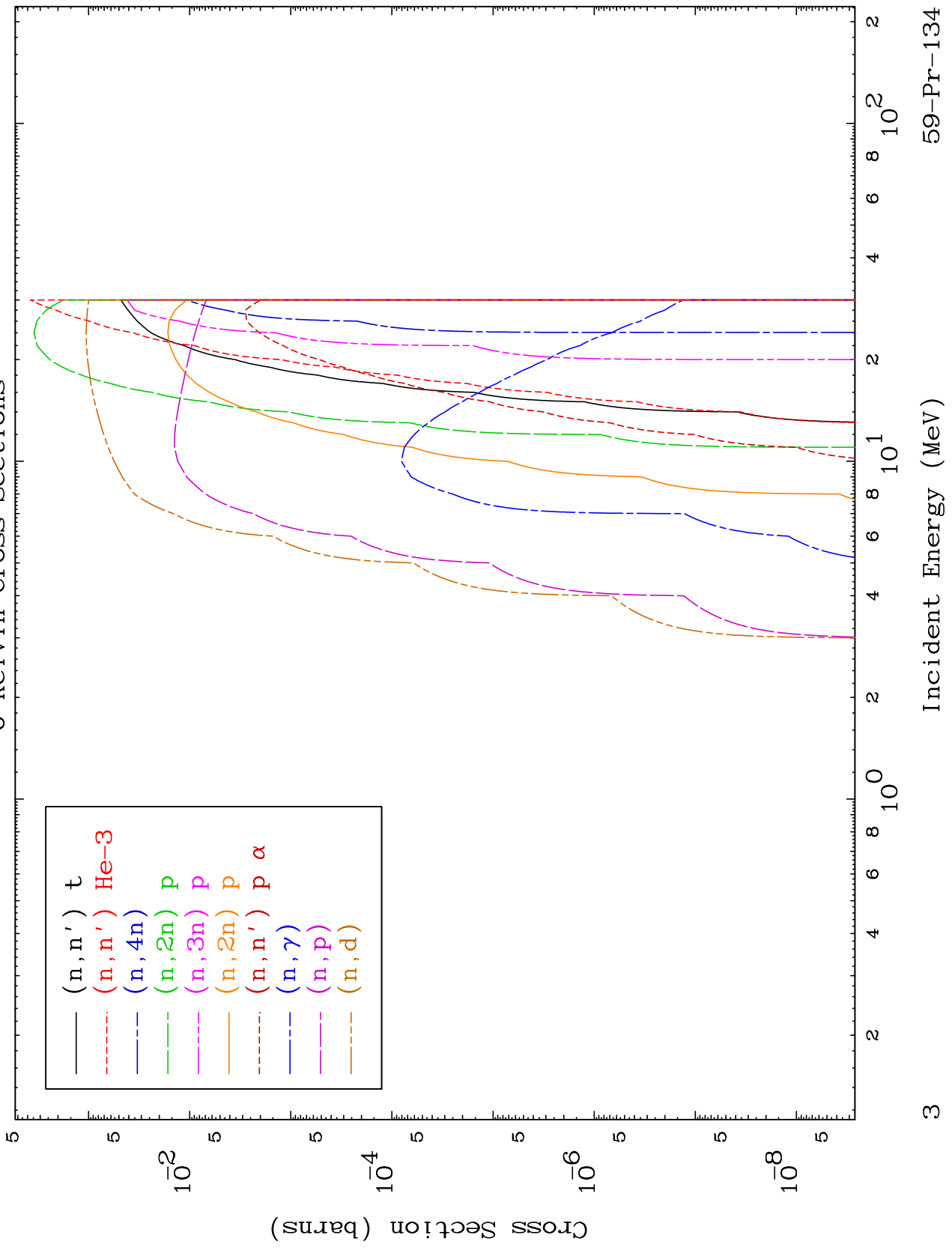


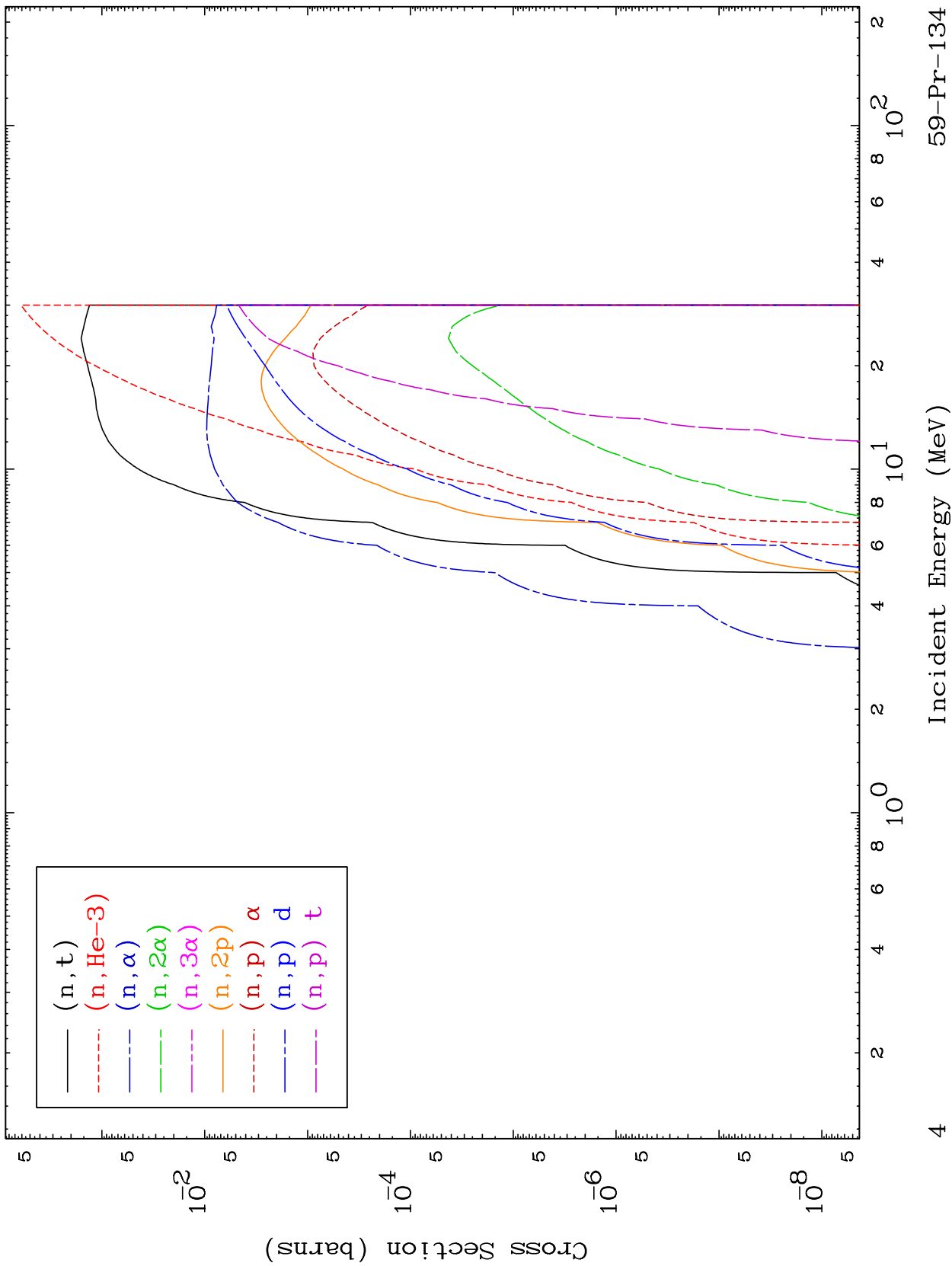
MAT 5904

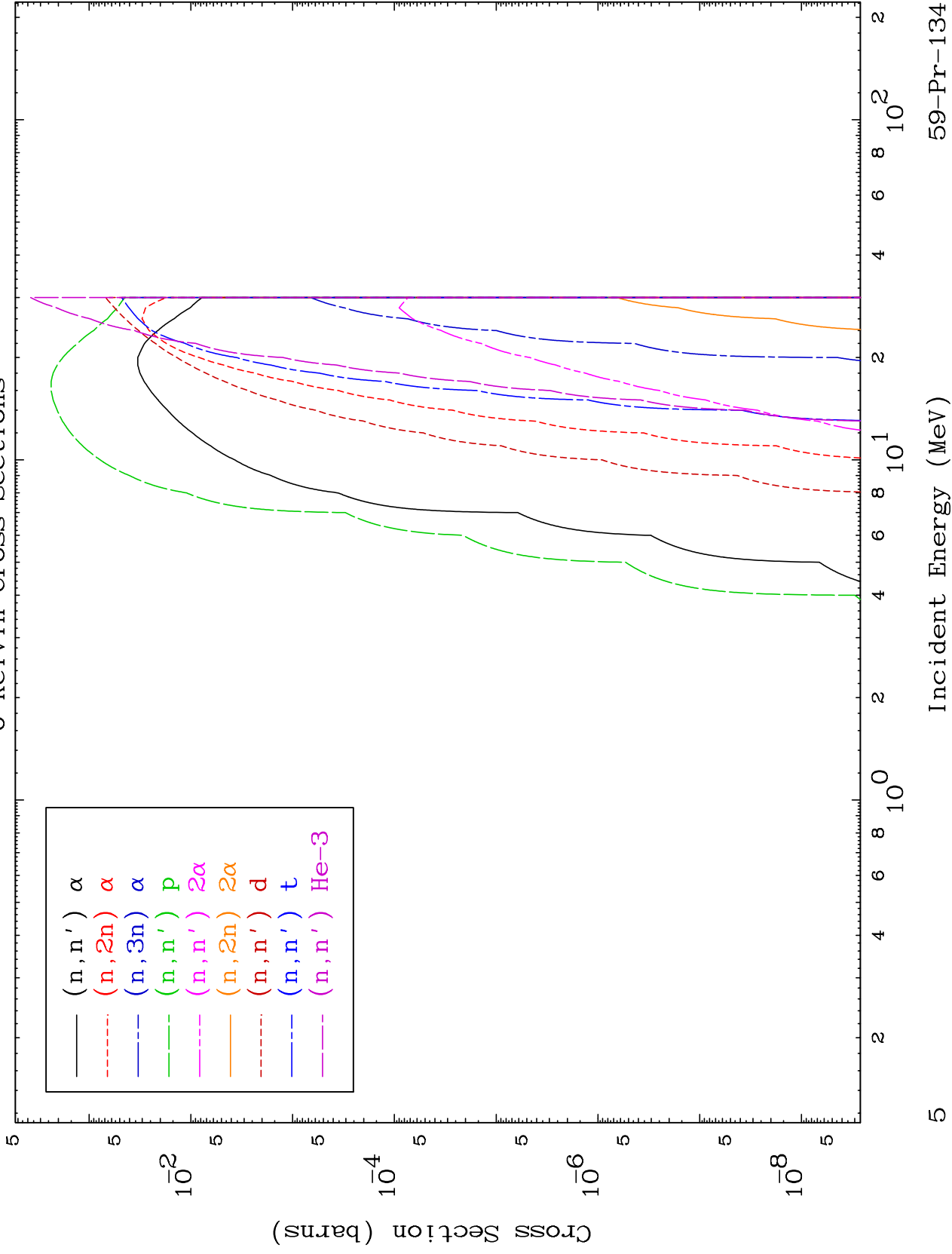
Triton Neutron Absorption
0 Kelvin Cross Sections

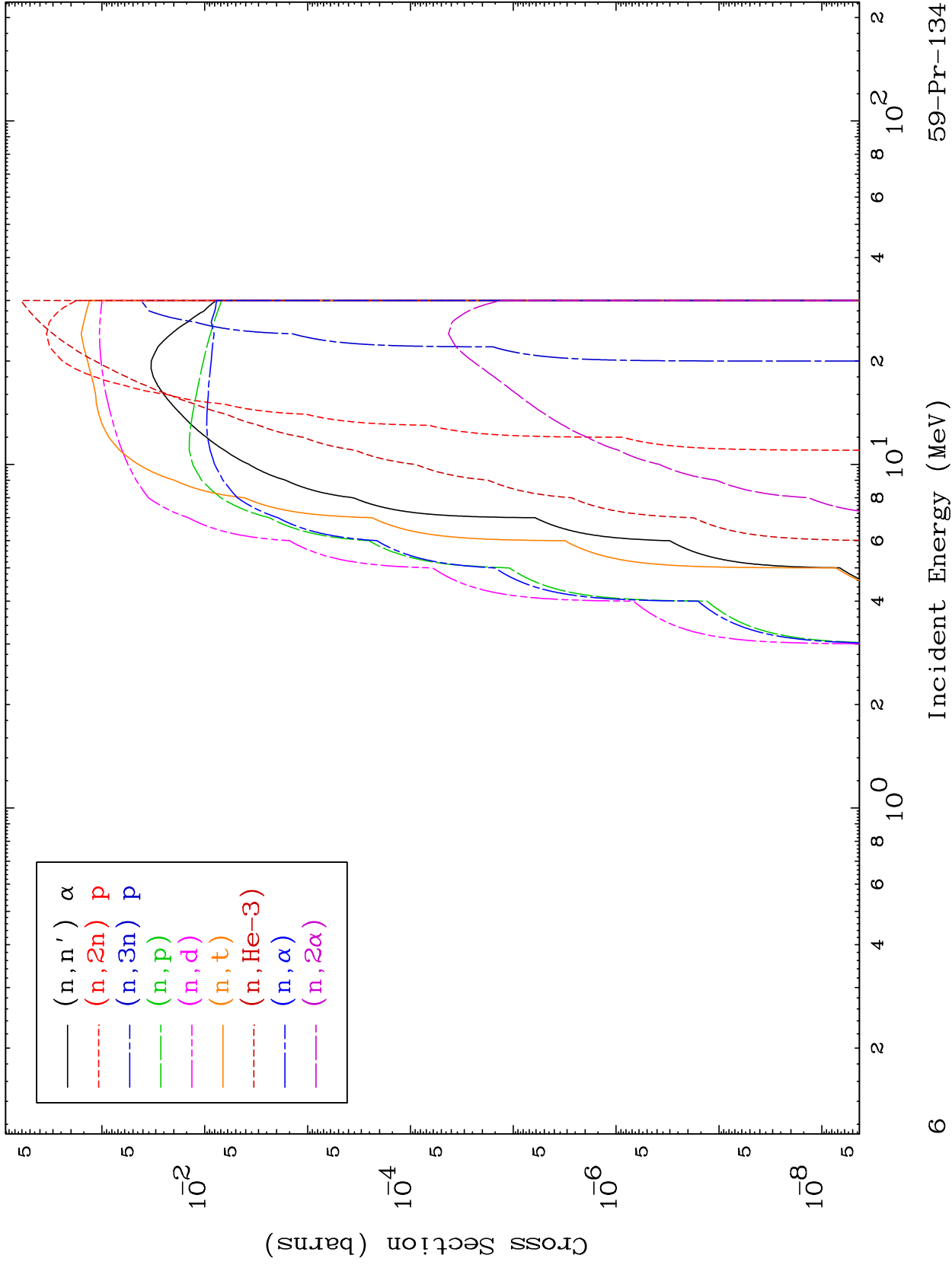
59-Pr-134

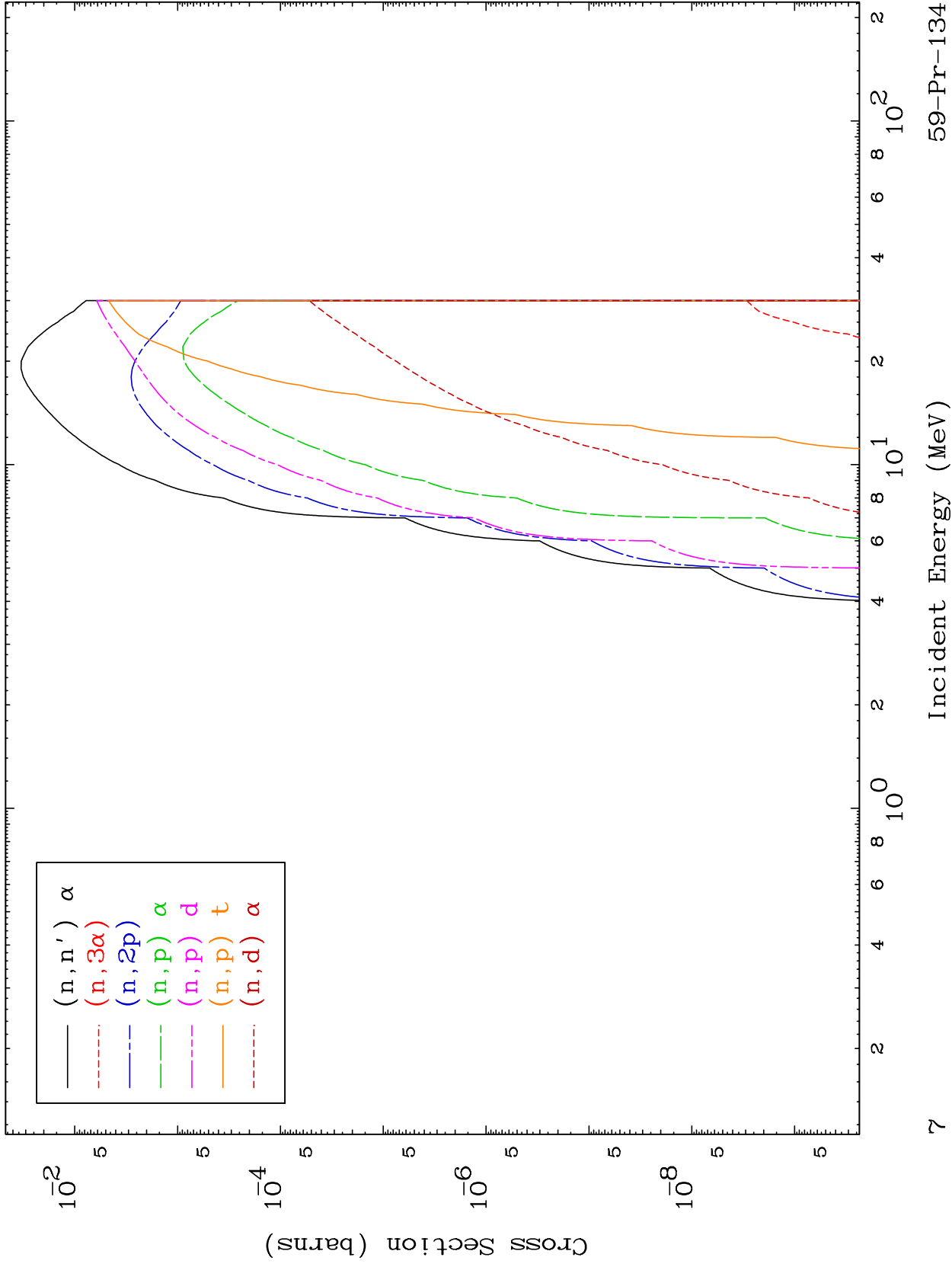








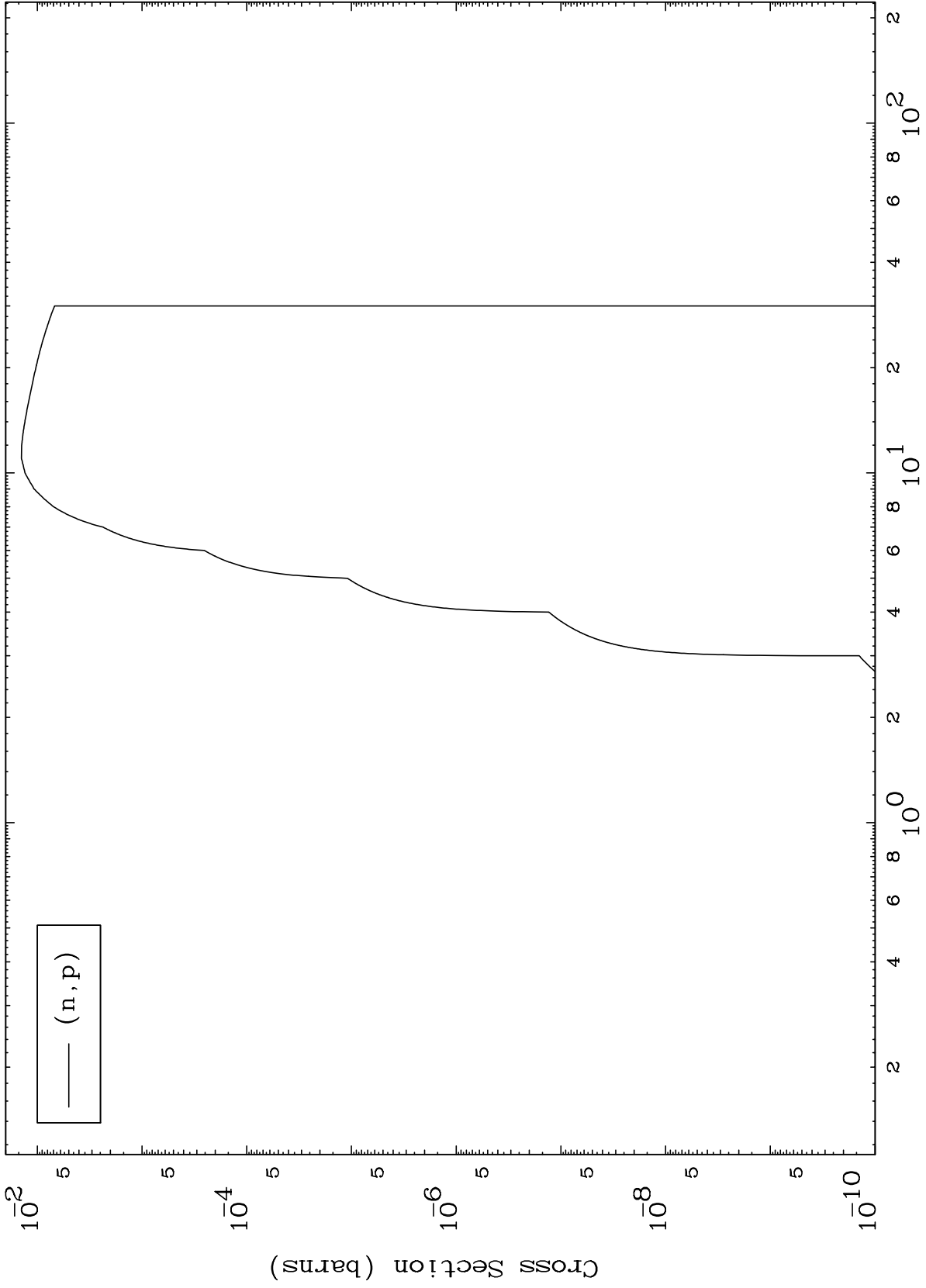




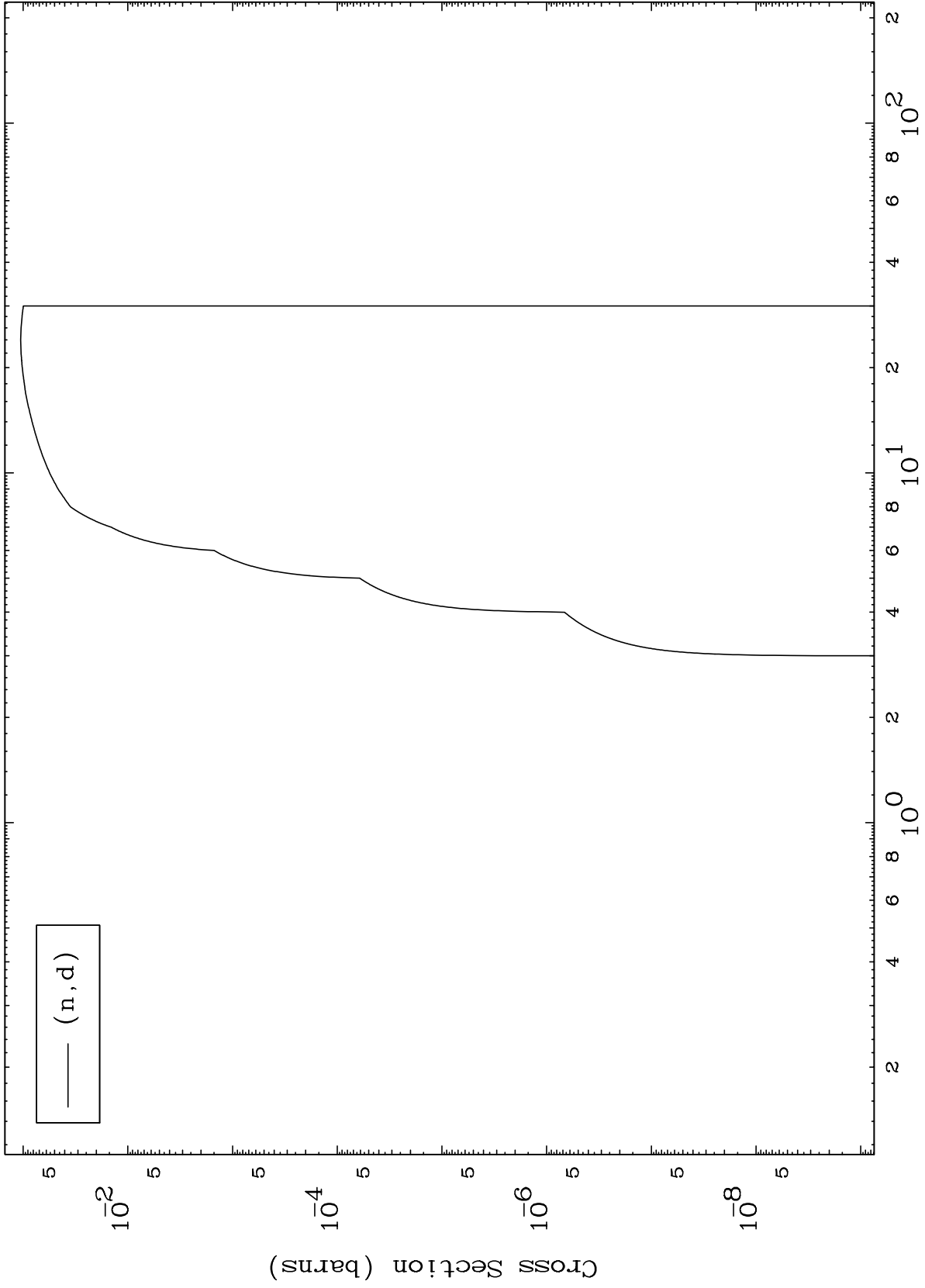
MAT 5904

59-Pr-134

(t,p) Levels
0 Kelvin Cross Sections



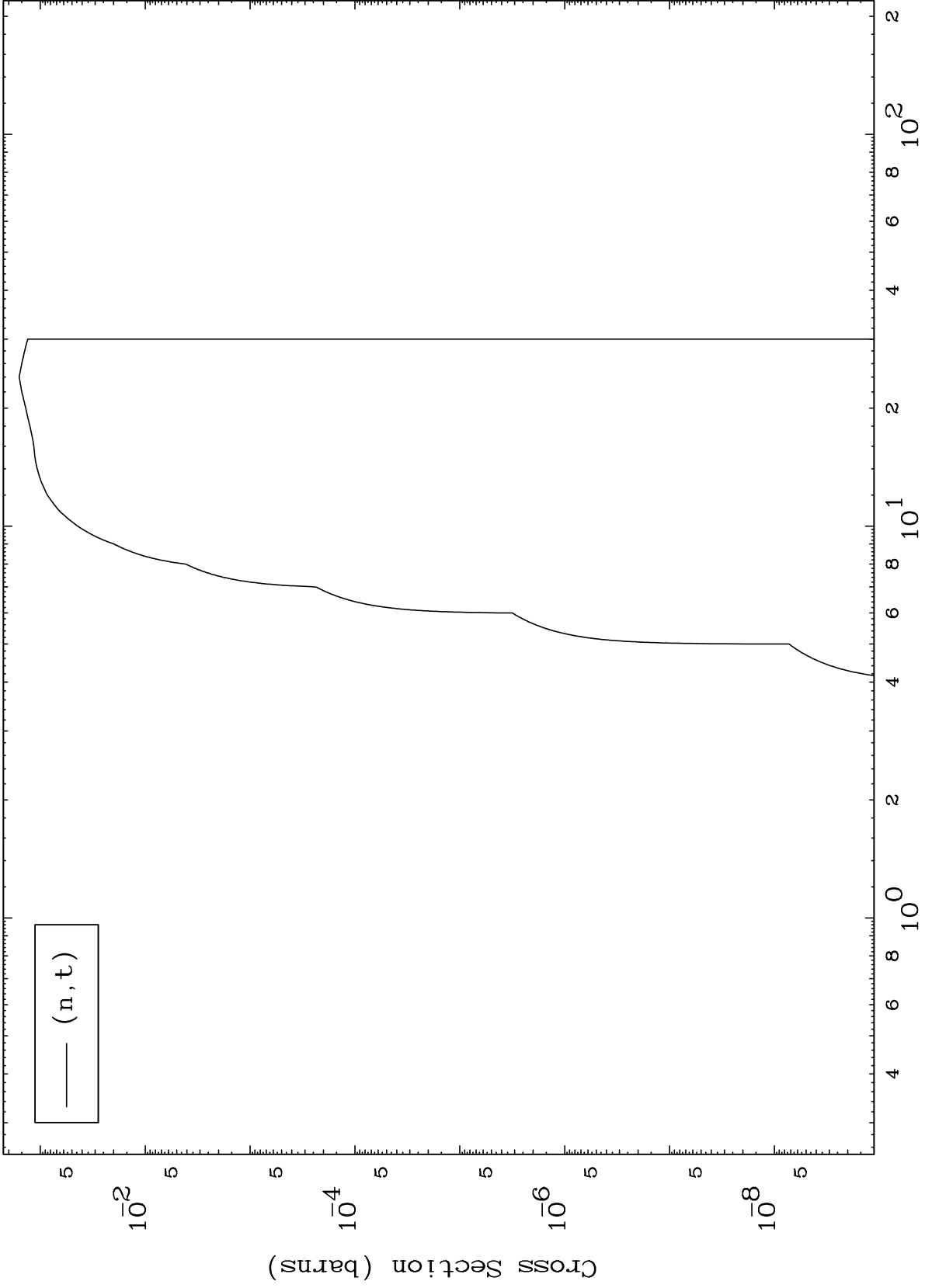
(t, d) Levels
0 Kelvin Cross Sections



MAT 5904

59-Pr-134

(t, t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

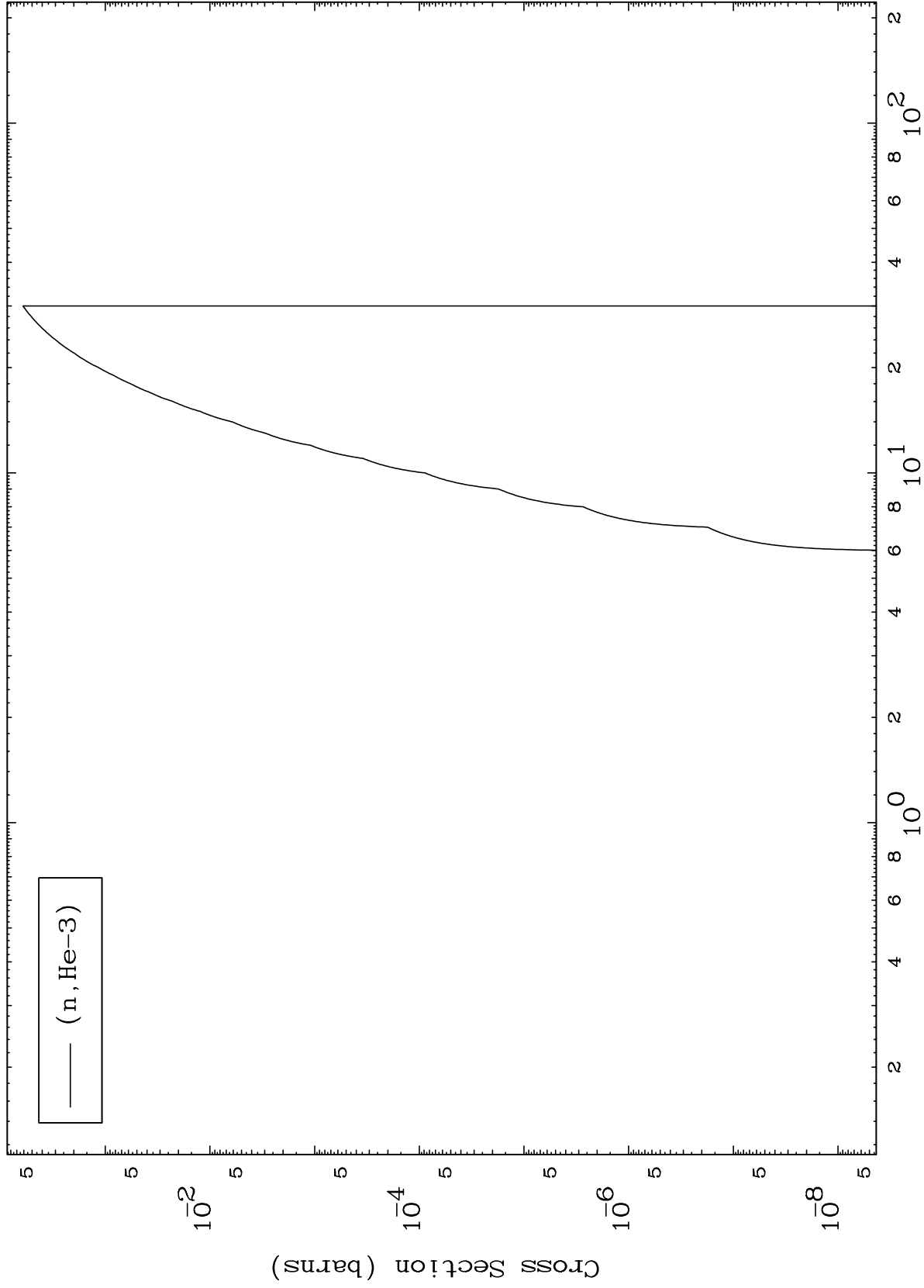
59-Pr-134

MAT 5904

(t,He3) Levels

59-Pr-134

0 Kelvin Cross Sections



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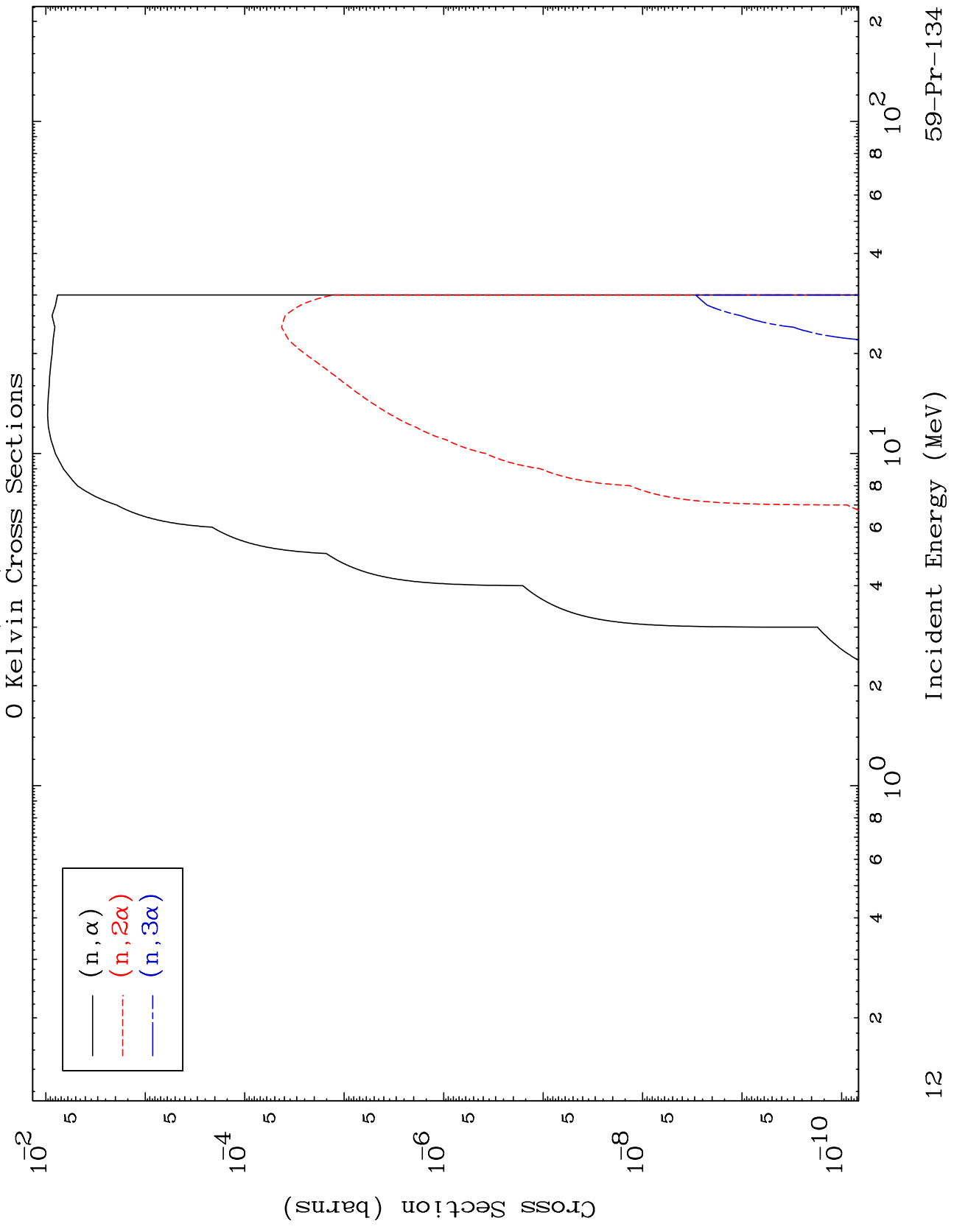
Incident Energy (MeV)

59-Pr-134

MAT 5904

(t, α) Levels

59-Pr-134

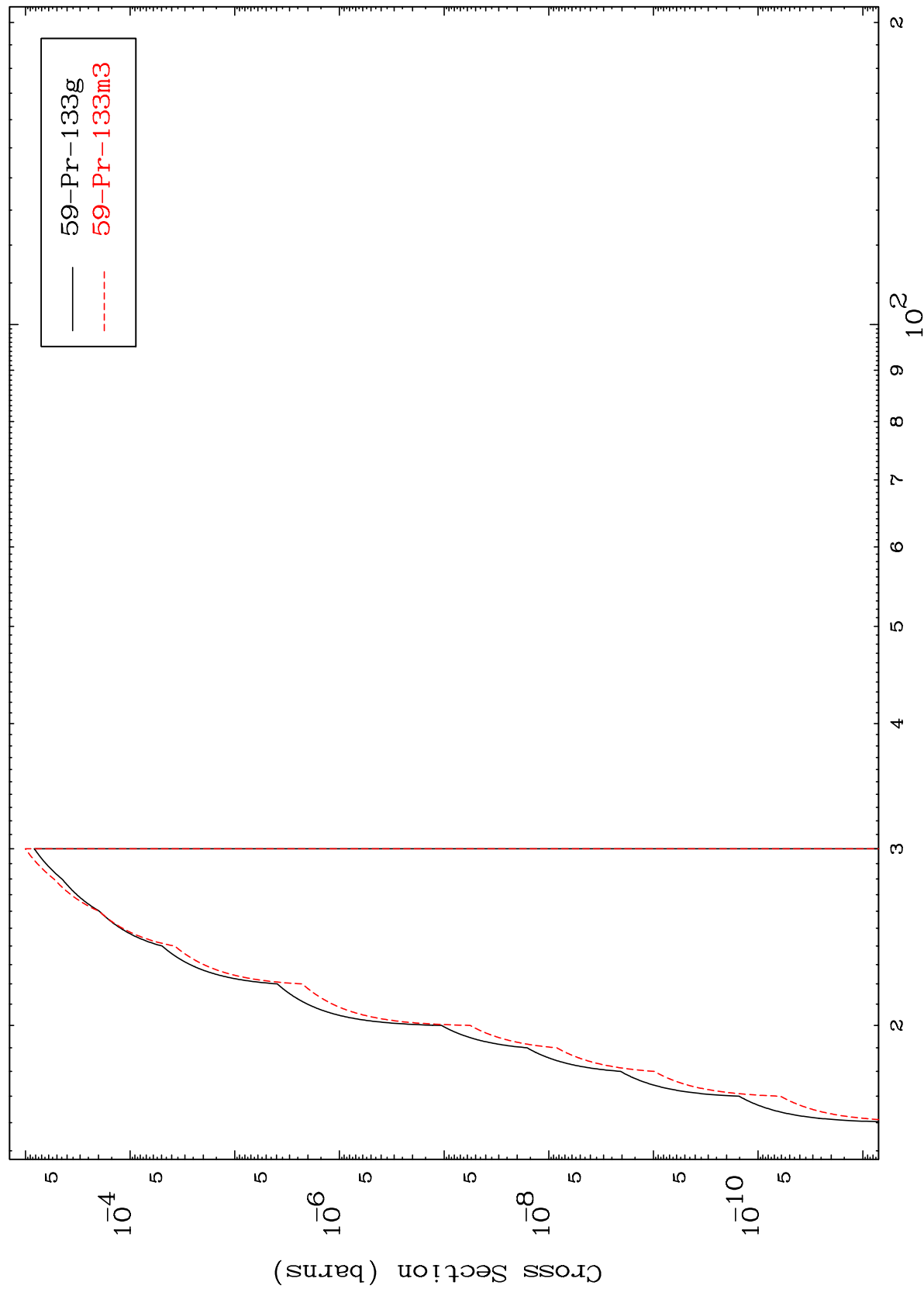


MAT 5904

(n,2n) d

59-Pr-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

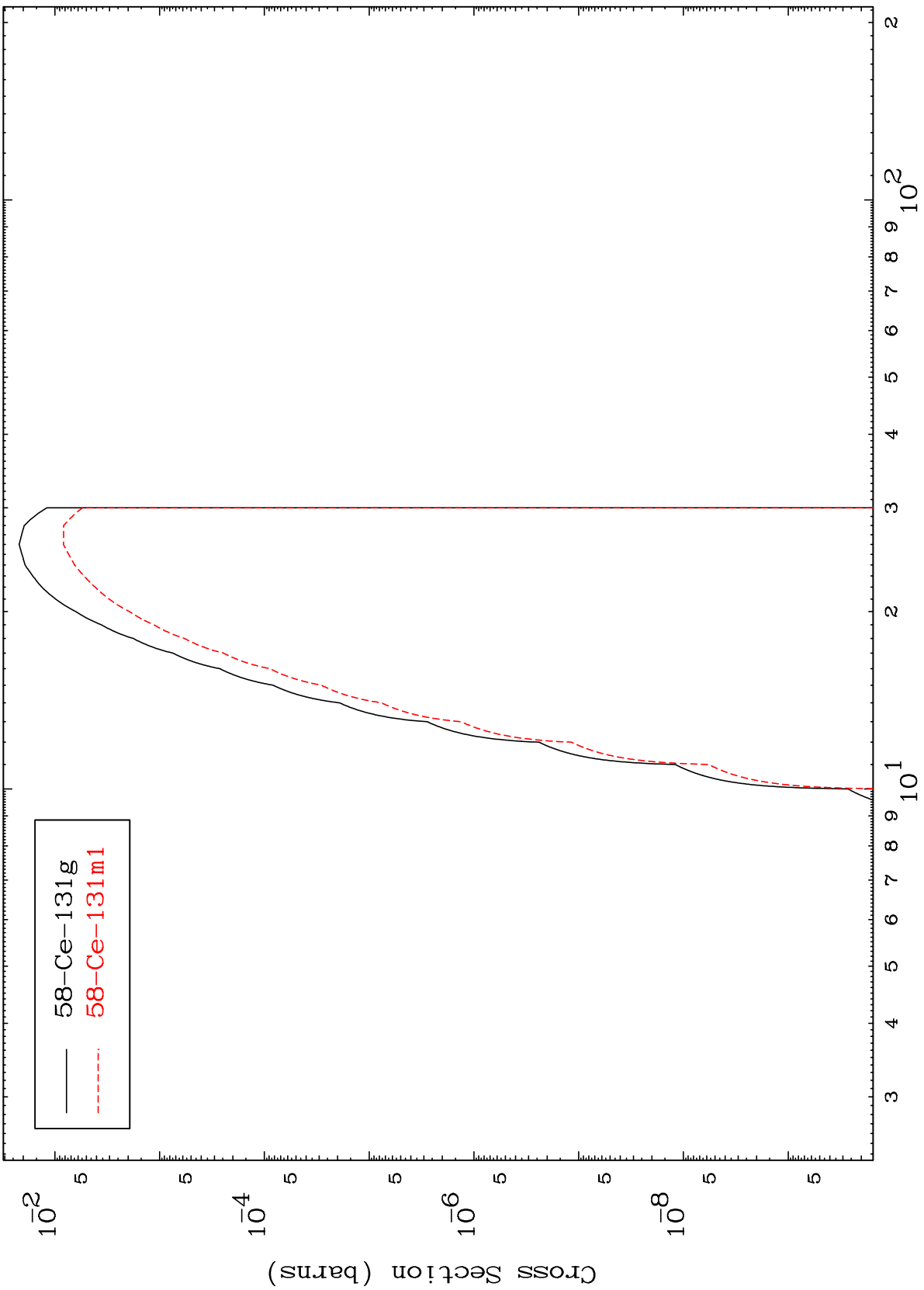
59-Pr-134

MAT 5904

59-Pr-134

(n,2n) α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

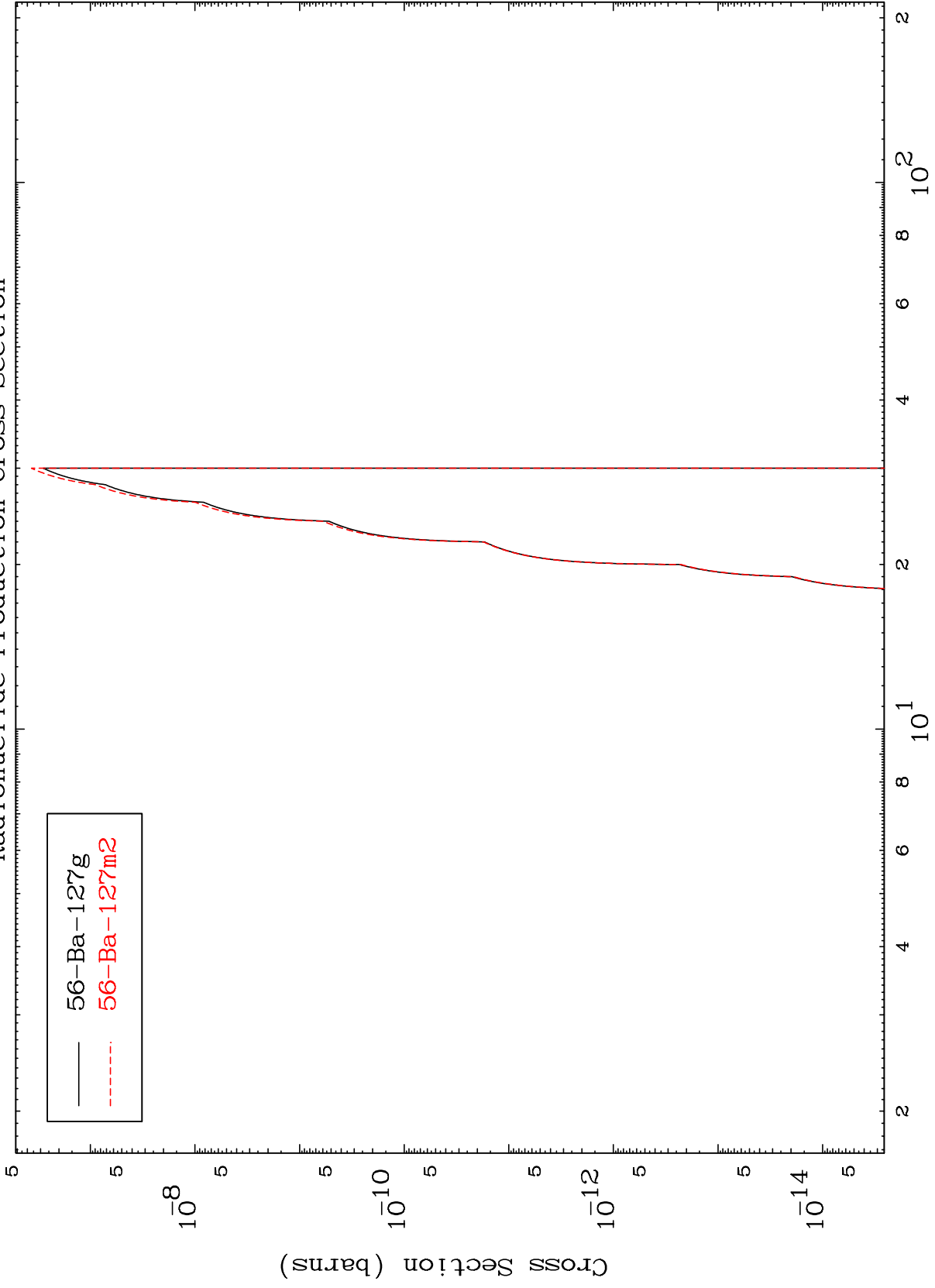
59-Pr-134

MAT 5904

$^{59}\text{Pr-134}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



15

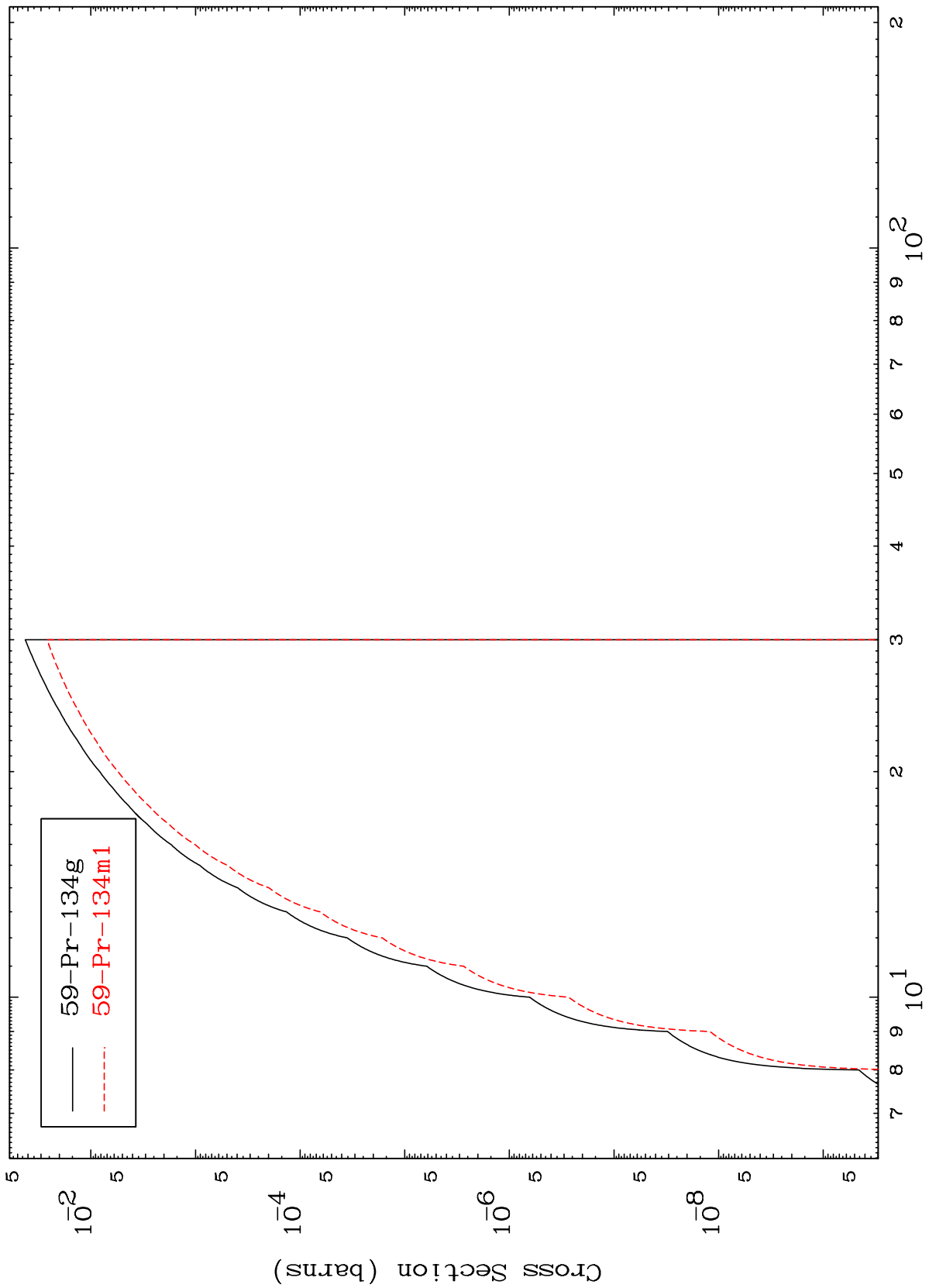
Incident Energy (MeV)

$^{59}\text{Pr-134}$

MAT 5904

59-Pr-134

(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

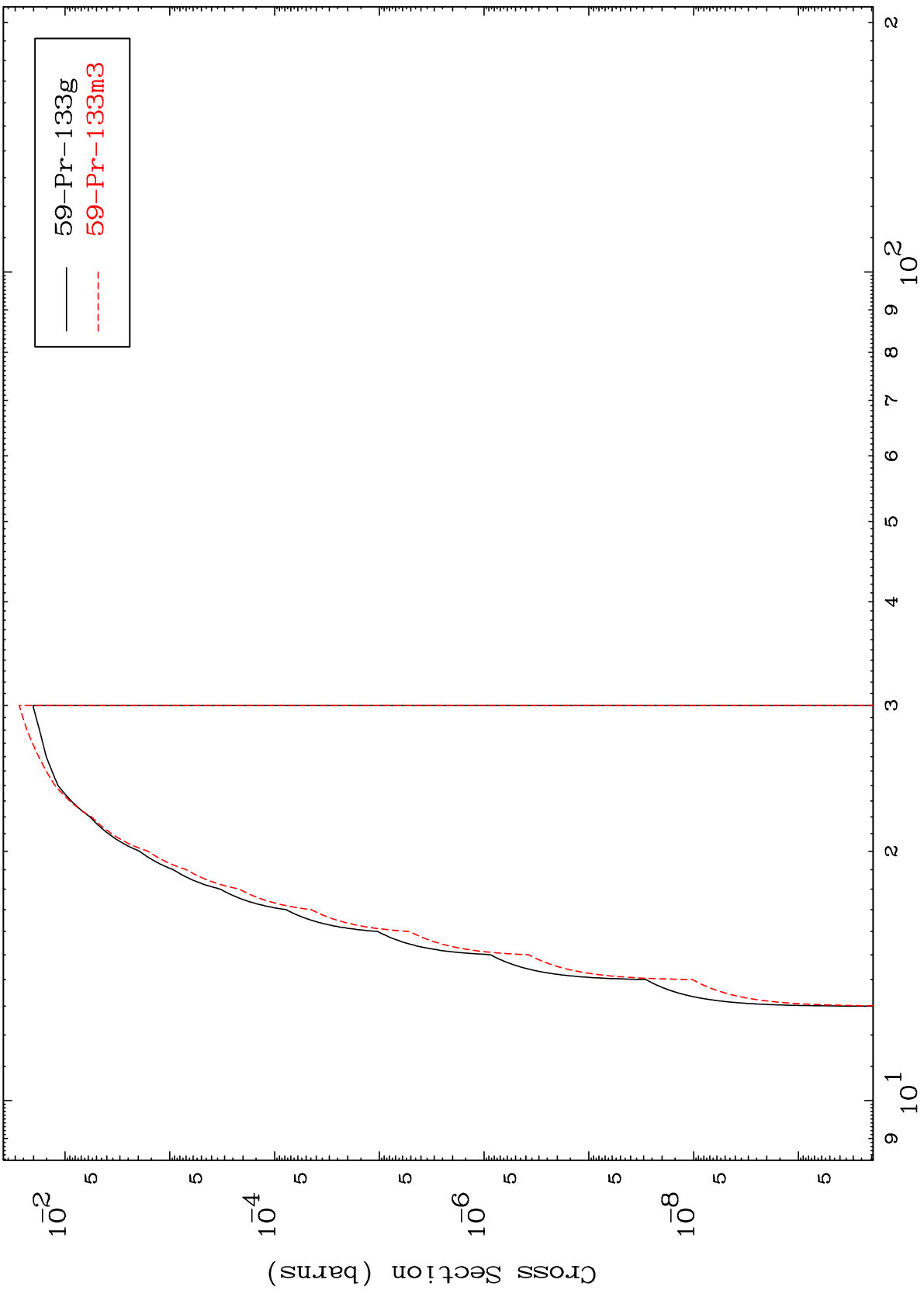
59-Pr-134

MAT 5904

(n,n') t

59-Pr-134

Radionuclide Production Cross Section

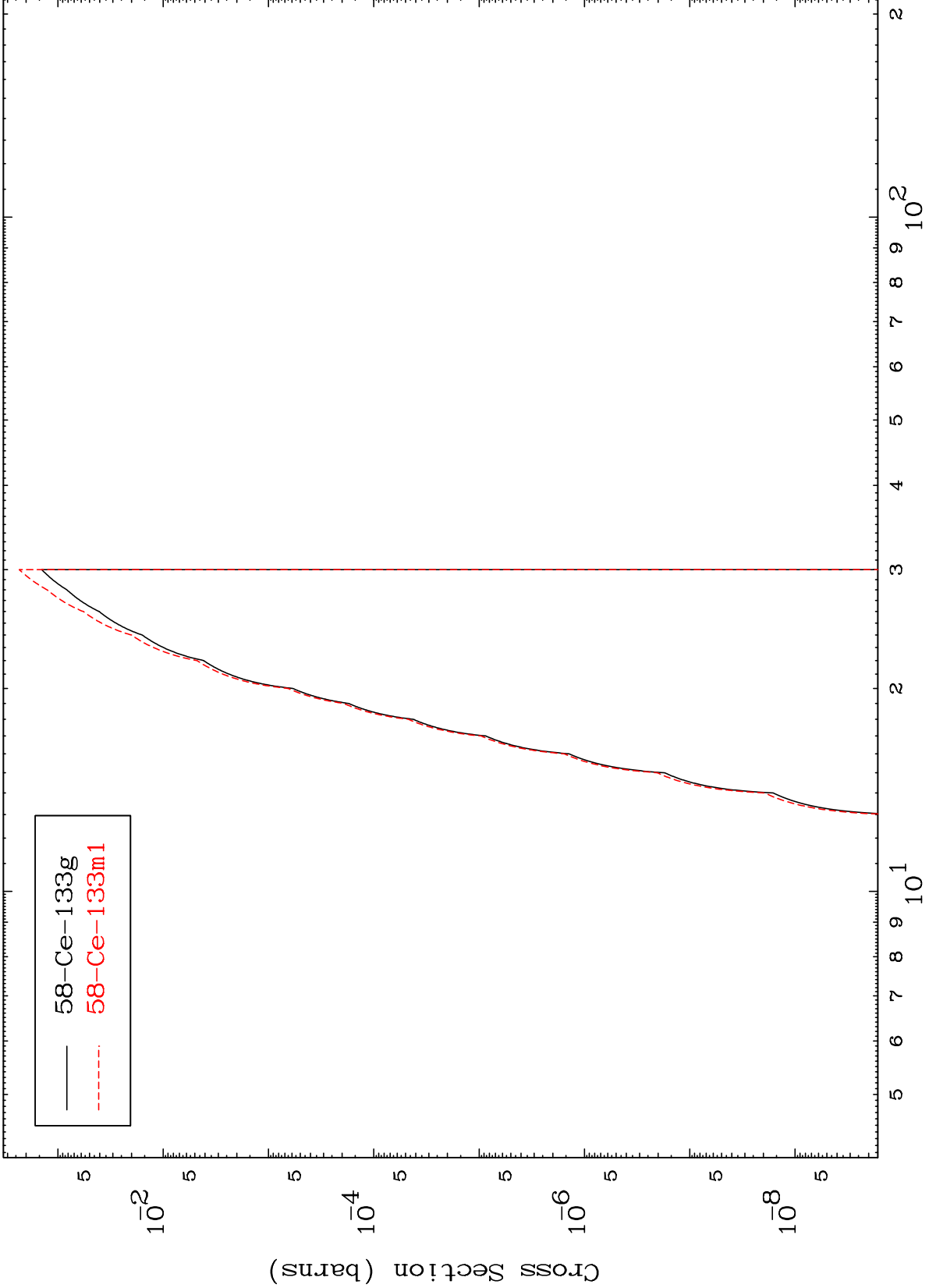


17

Incident Energy (MeV)

59-Pr-134

Radionuclide Production Cross Section

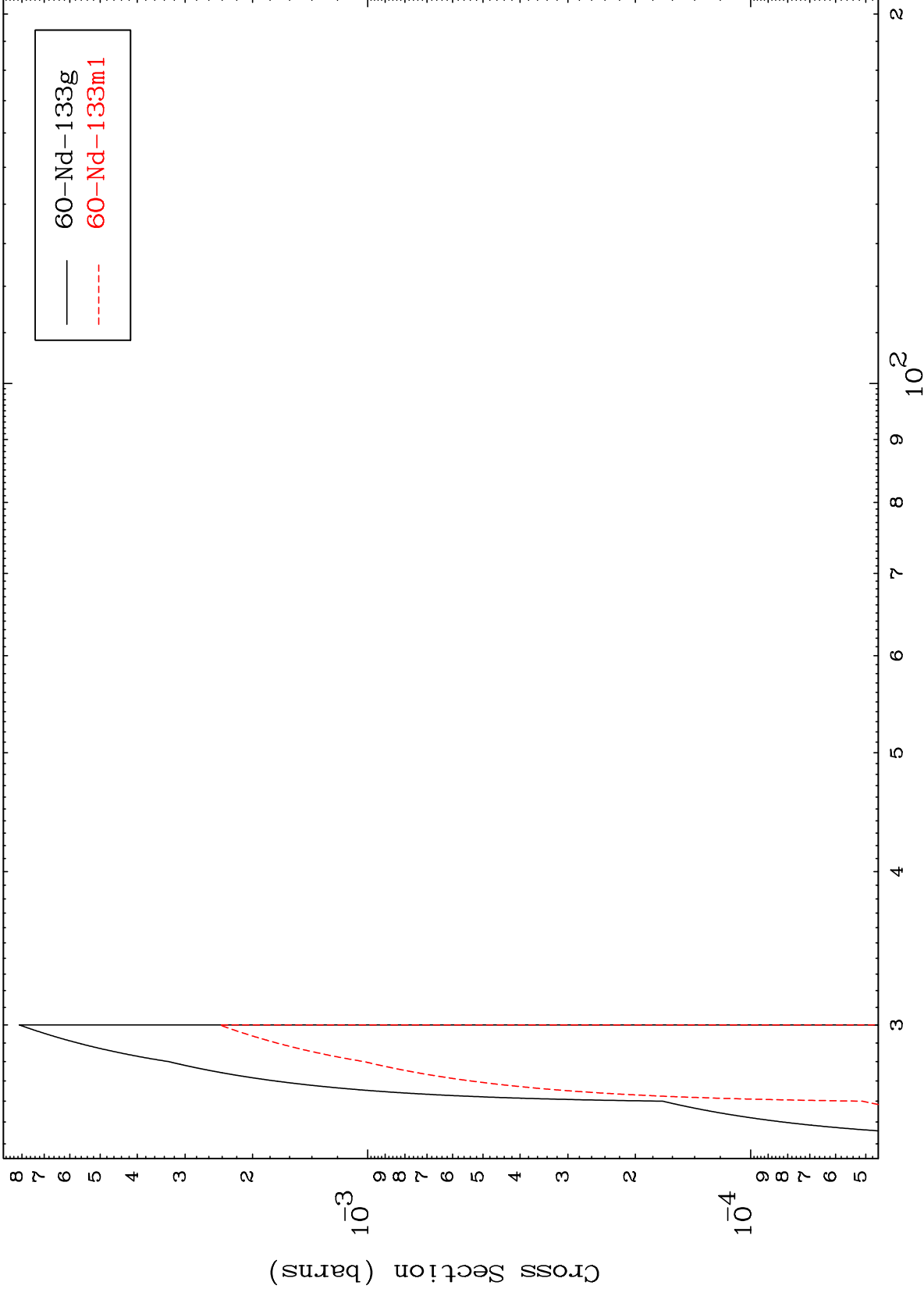


MAT 5904

(n,4n)

59-Pr-134

Radionuclide Production Cross Section



19

Incident Energy (MeV)

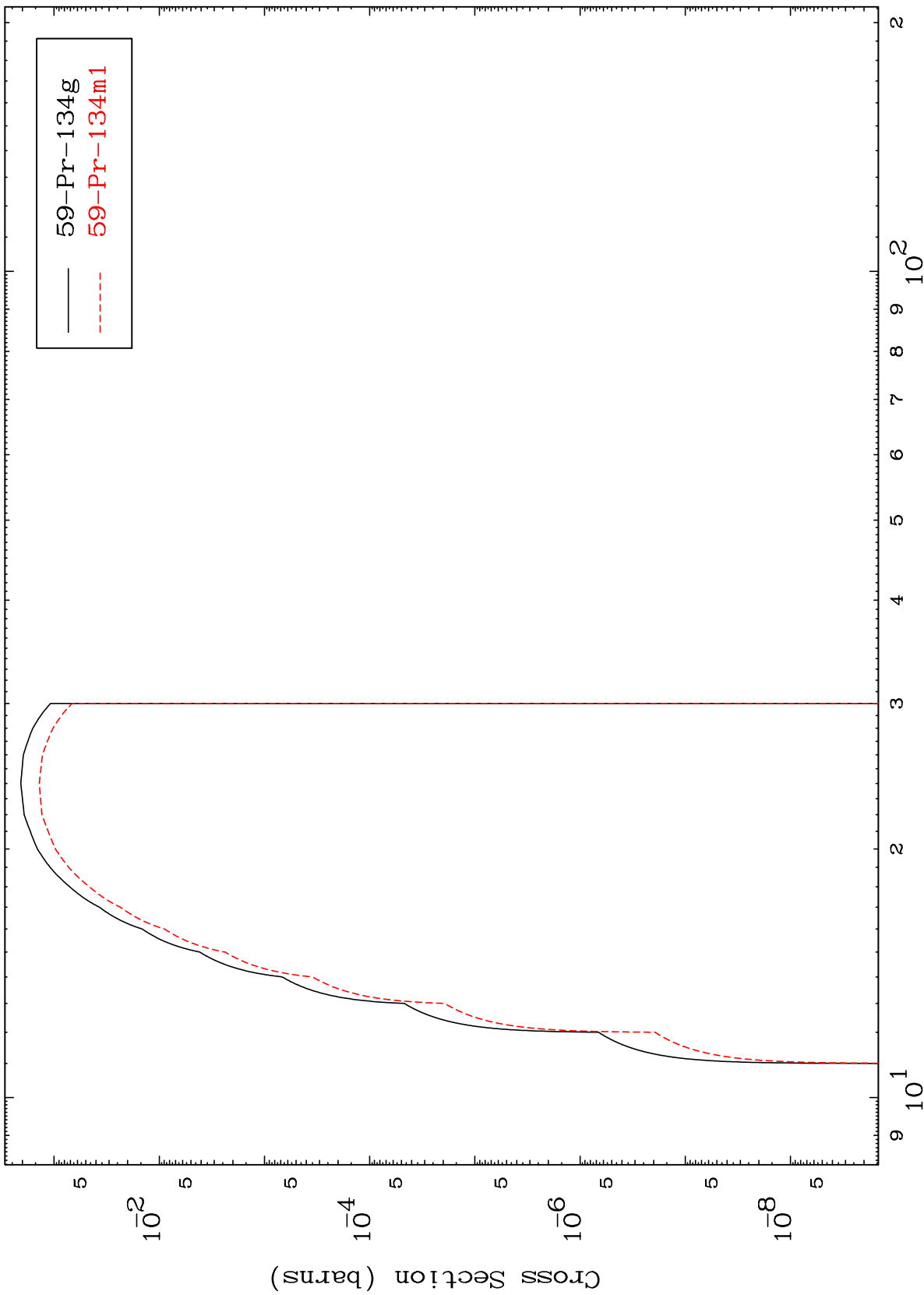
59-Pr-134

MAT 5904

(n,2n) p

59-Pr-134

Radionuclide Production Cross Section

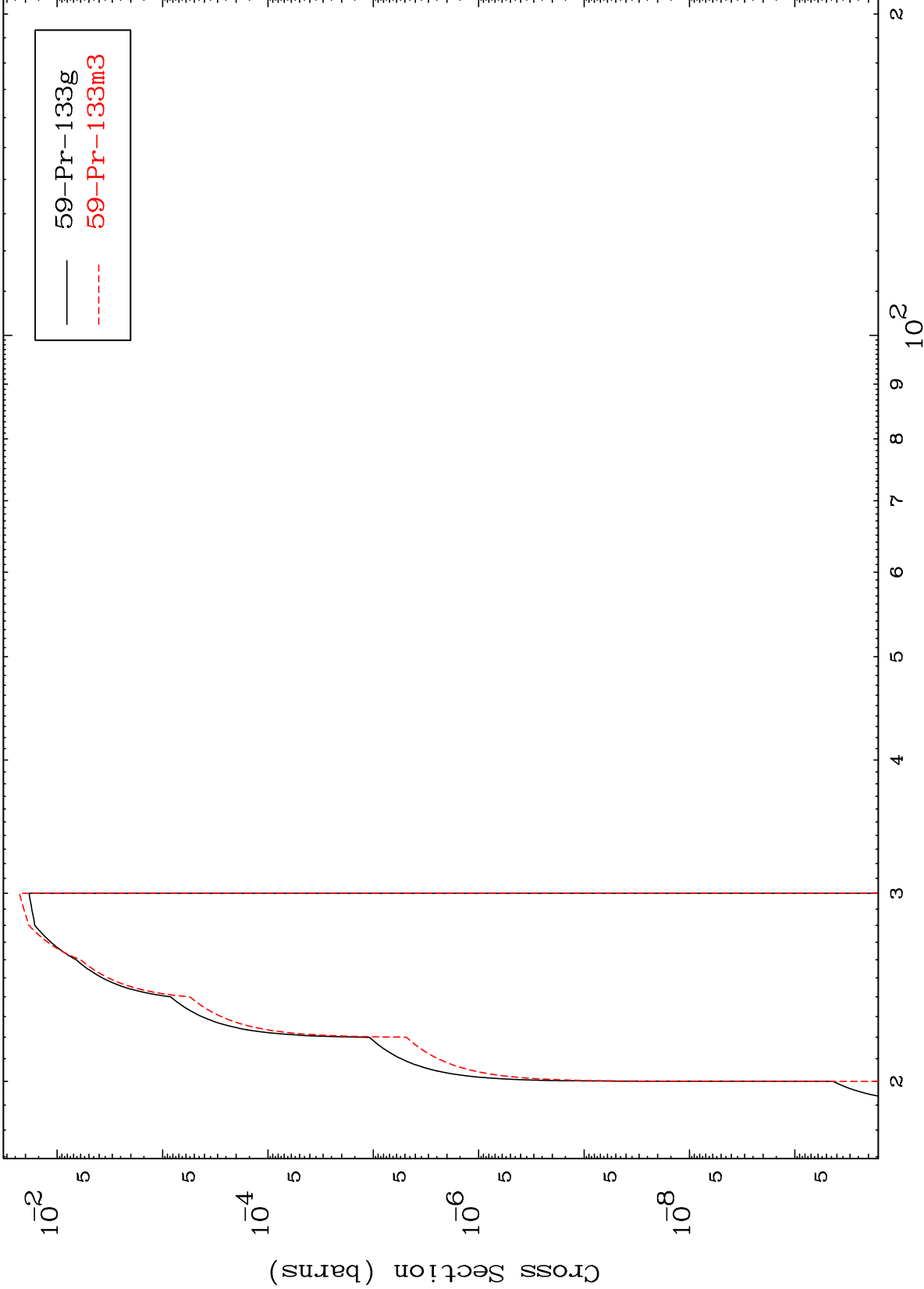


20

Incident Energy (MeV)

59-Pr-134

Radionuclide Production Cross Section

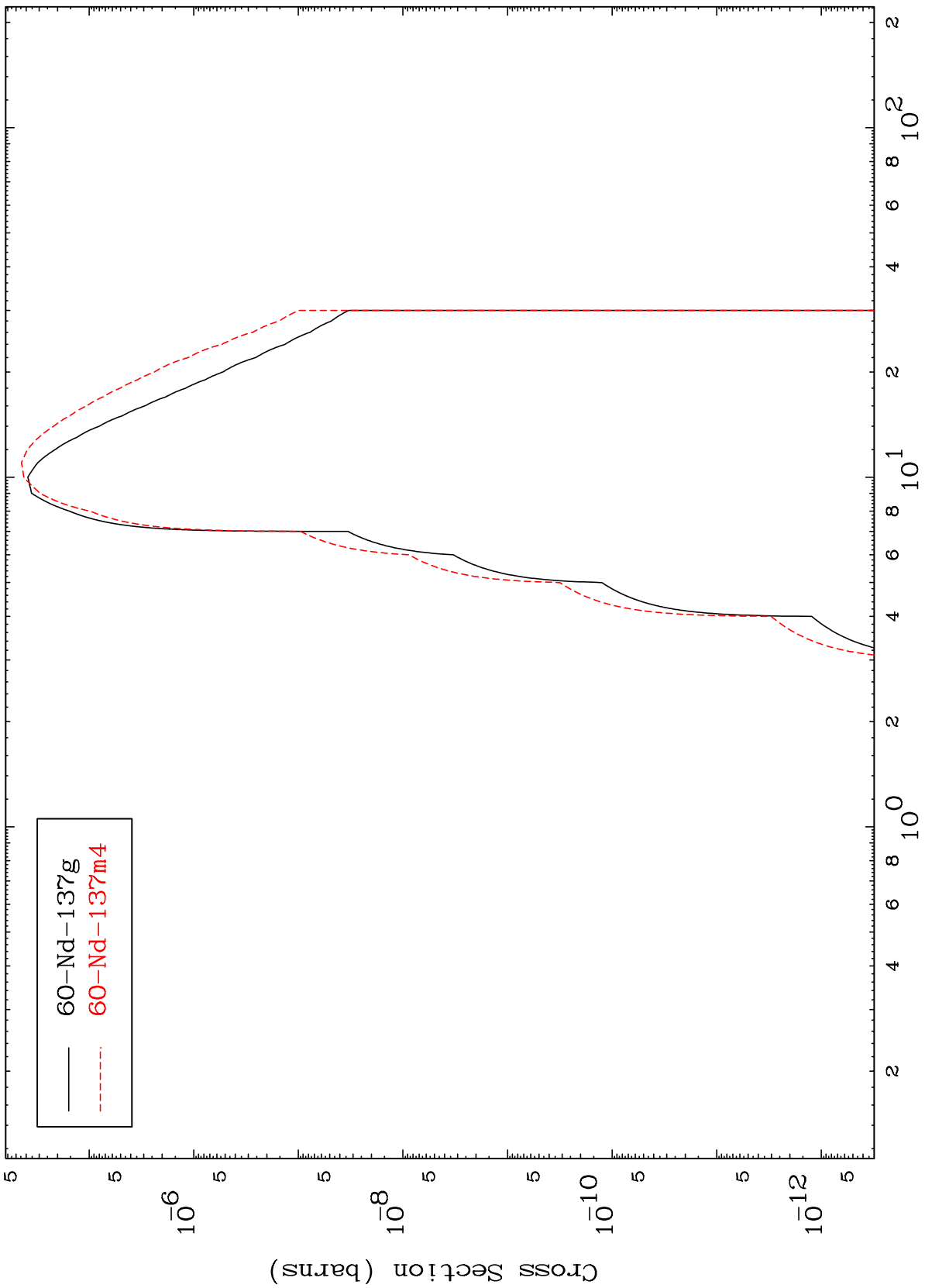


59-Pr-133g
59-Pr-133m3

MAT 5904

59-Pr-134

(n, γ)
Radionuclide Production Cross Section



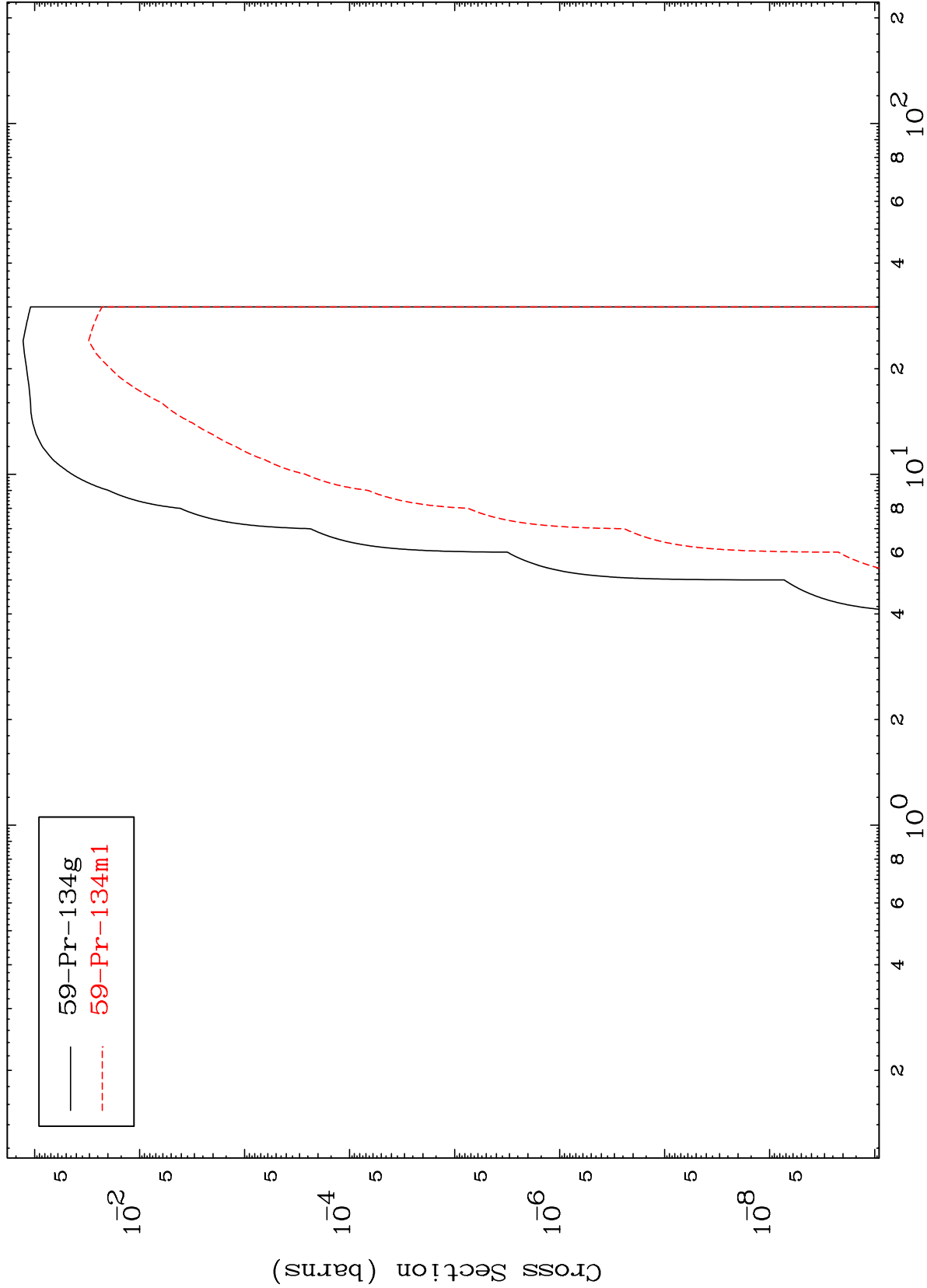
59-Pr-134

Incident Energy (MeV)

MAT 5904

59-Pr-134

(n, t)
Radionuclide Production Cross Section



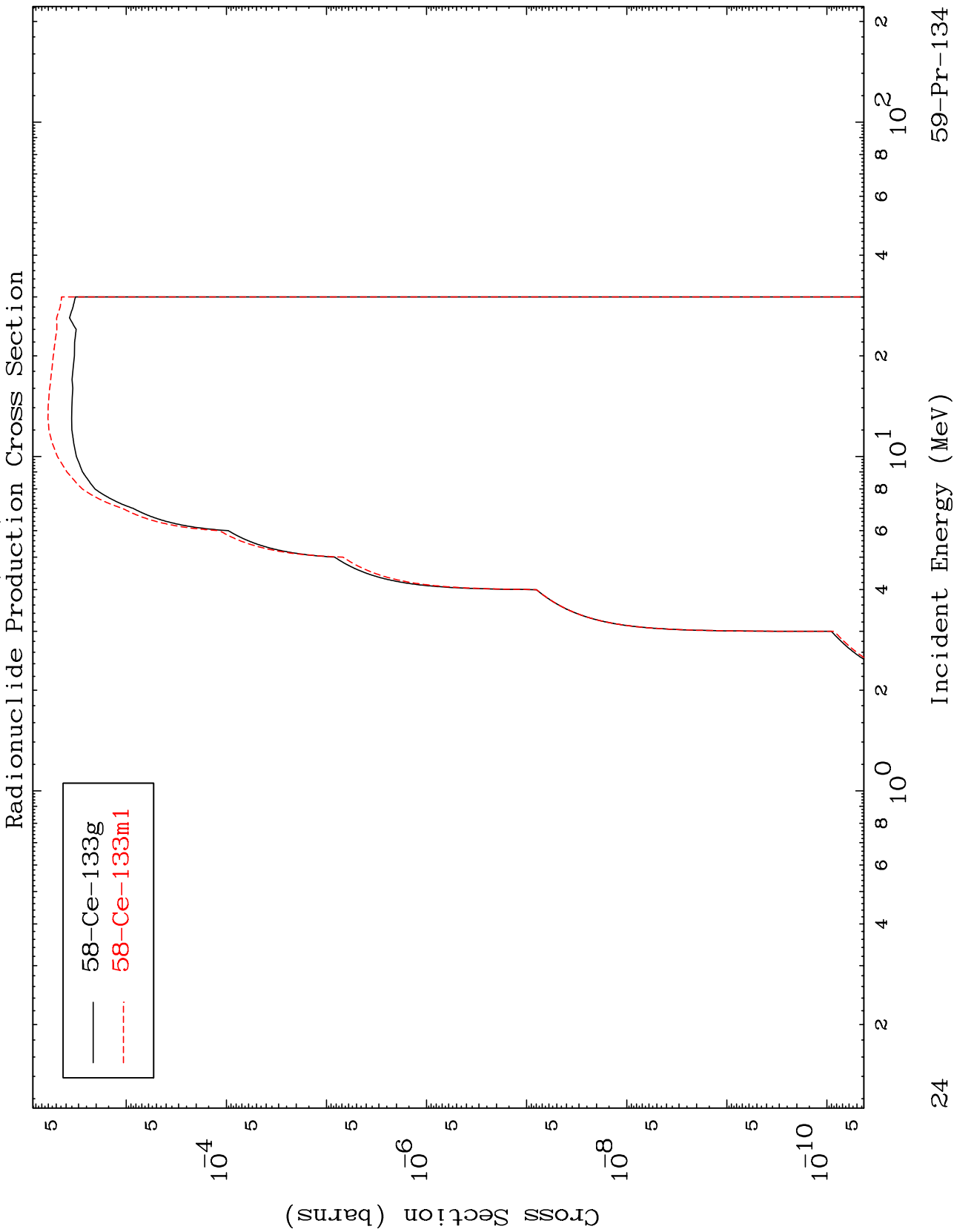
59-Pr-134

Incident Energy (MeV)

23

MAT 5904

59-Pr-134

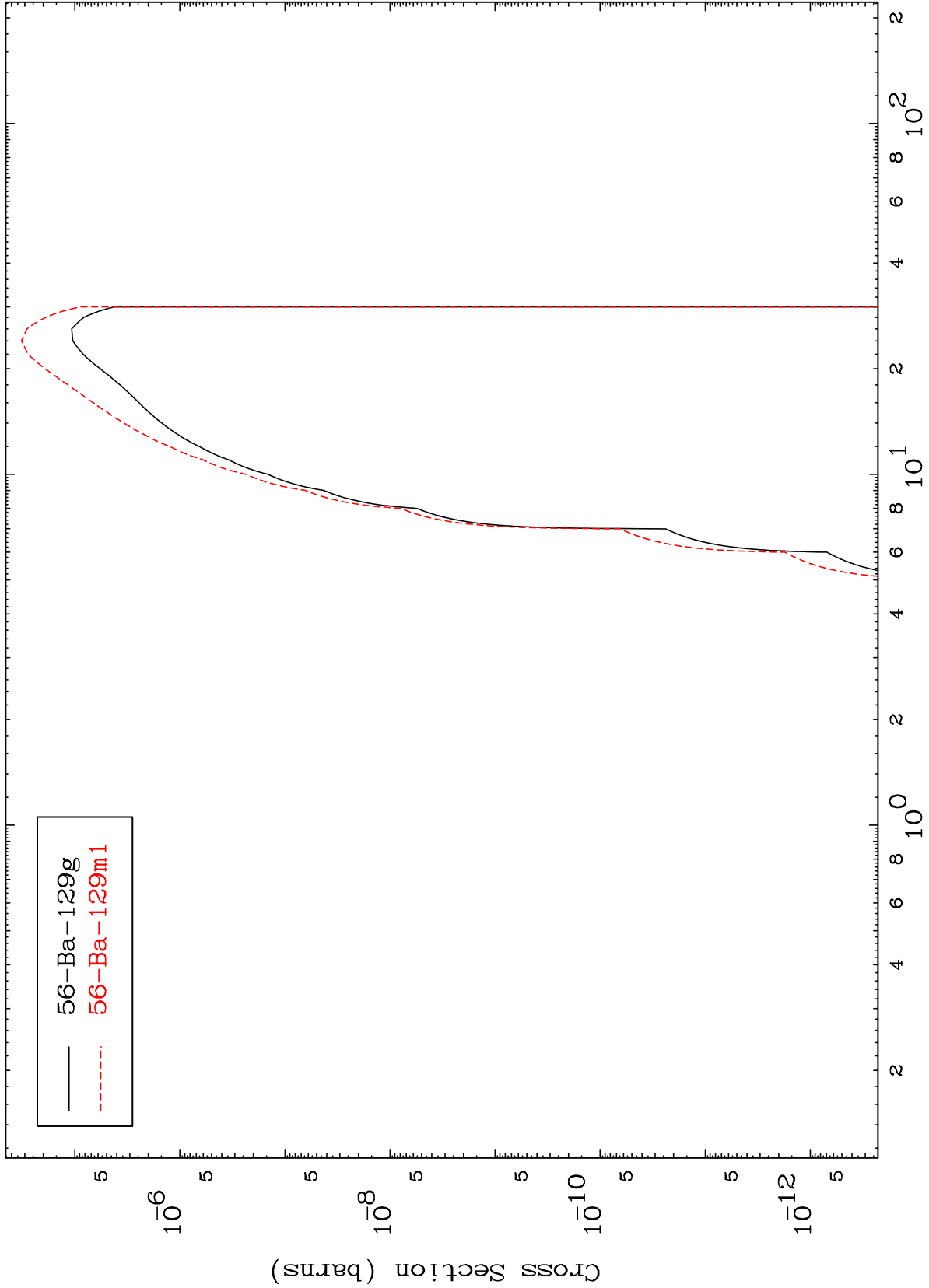


MAT 5904

(n,2α)

59-Pr-134

Radionuclide Production Cross Section



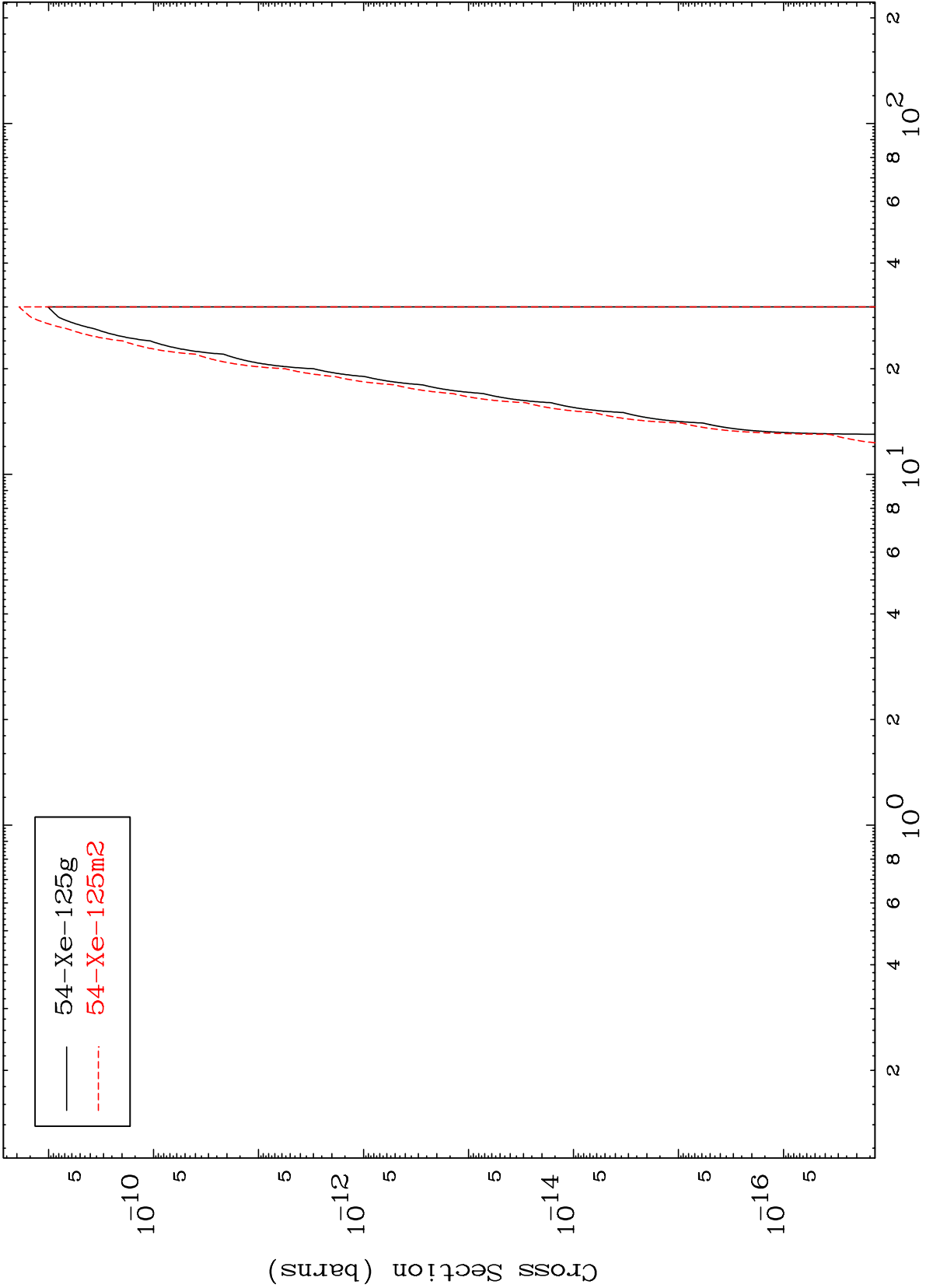
56-Ba-129g
56-Ba-129m1

MAT 5904

(n, 3α)

59-Pr-134

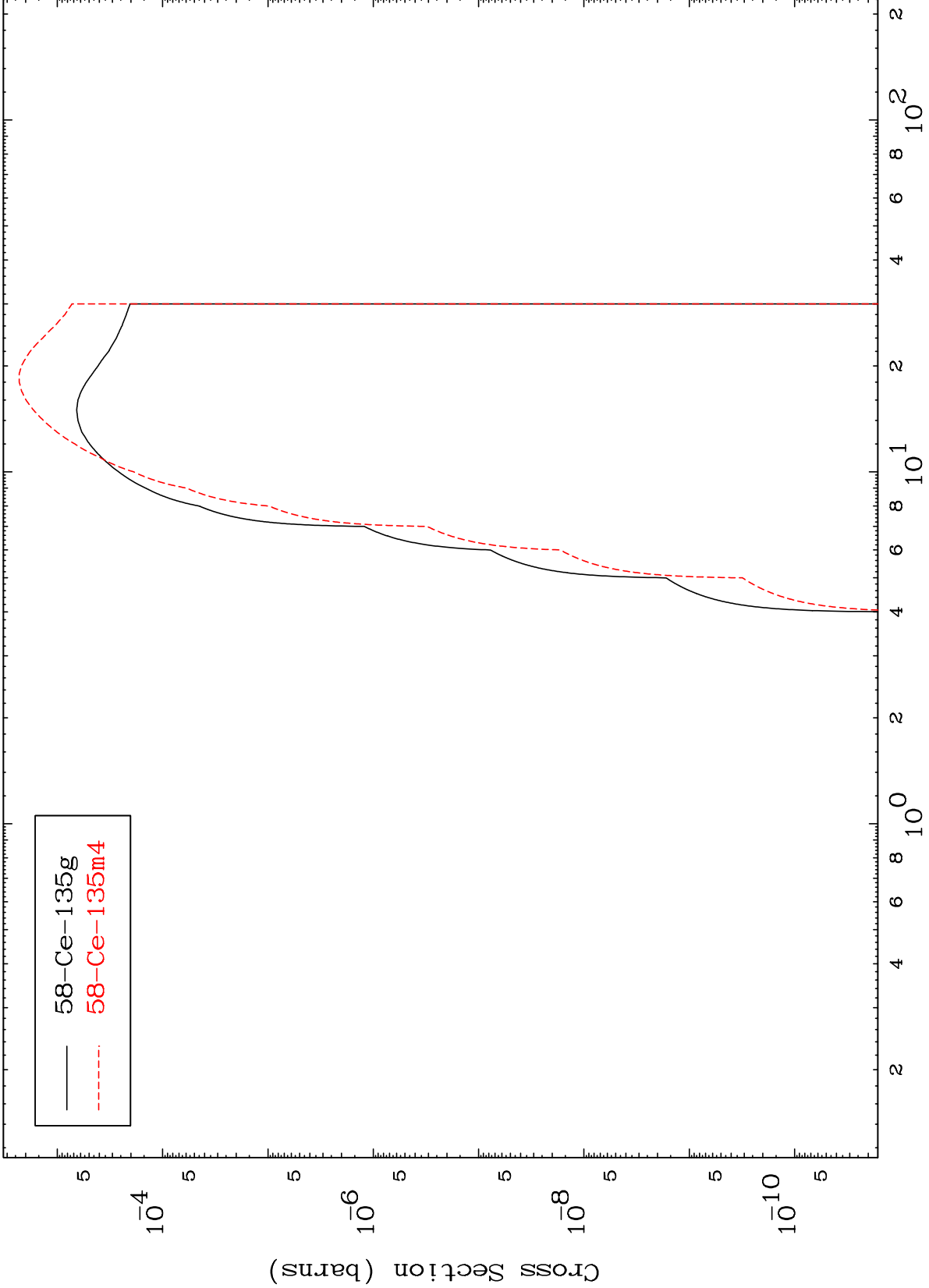
Radionuclide Production Cross Section



MAT 5904

59-Pr-134

(n,2p)
Radionuclide Production Cross Section

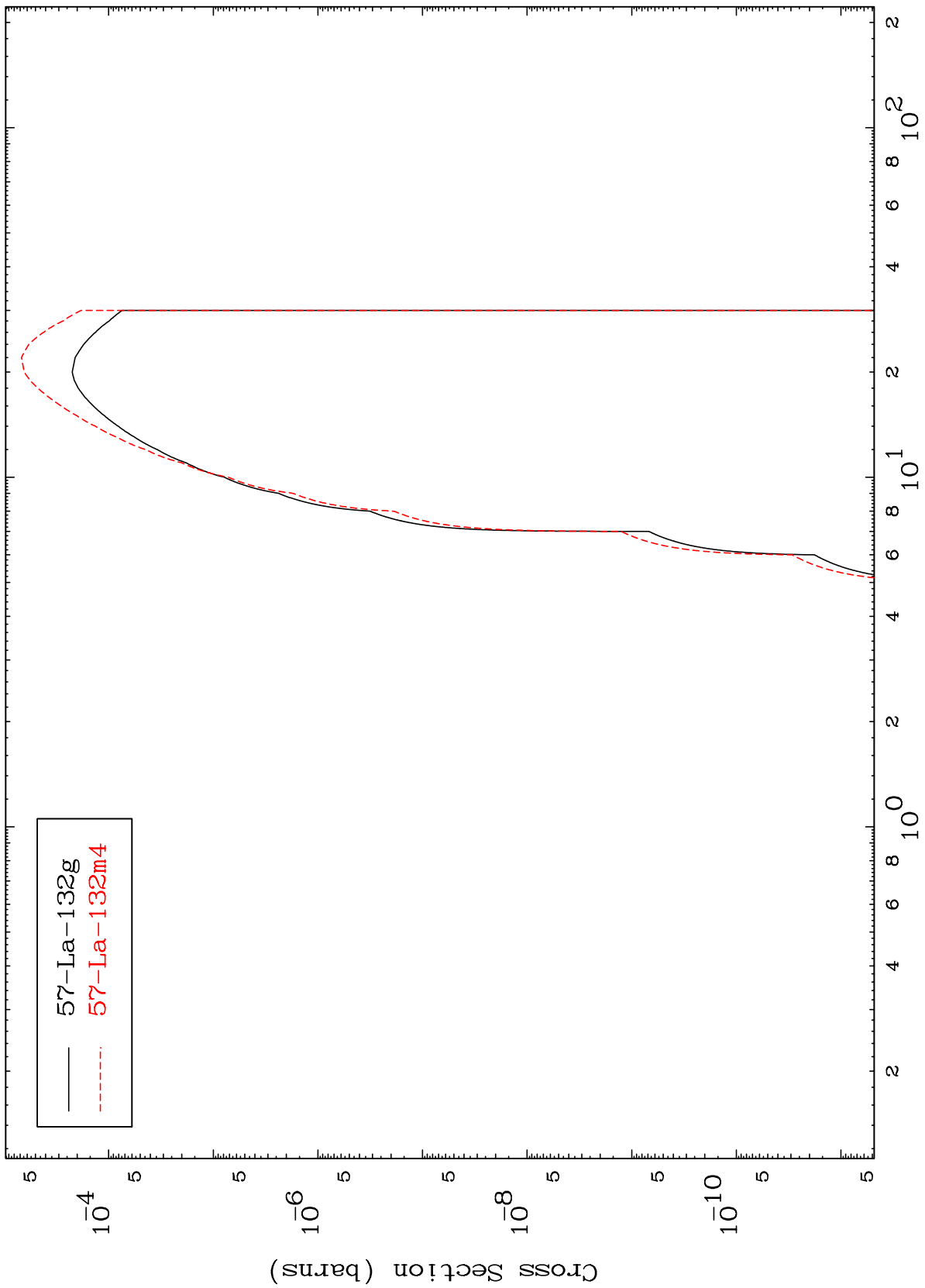


MAT 5904

(n,p) α

59-Pr-134

Radionuclide Production Cross Section



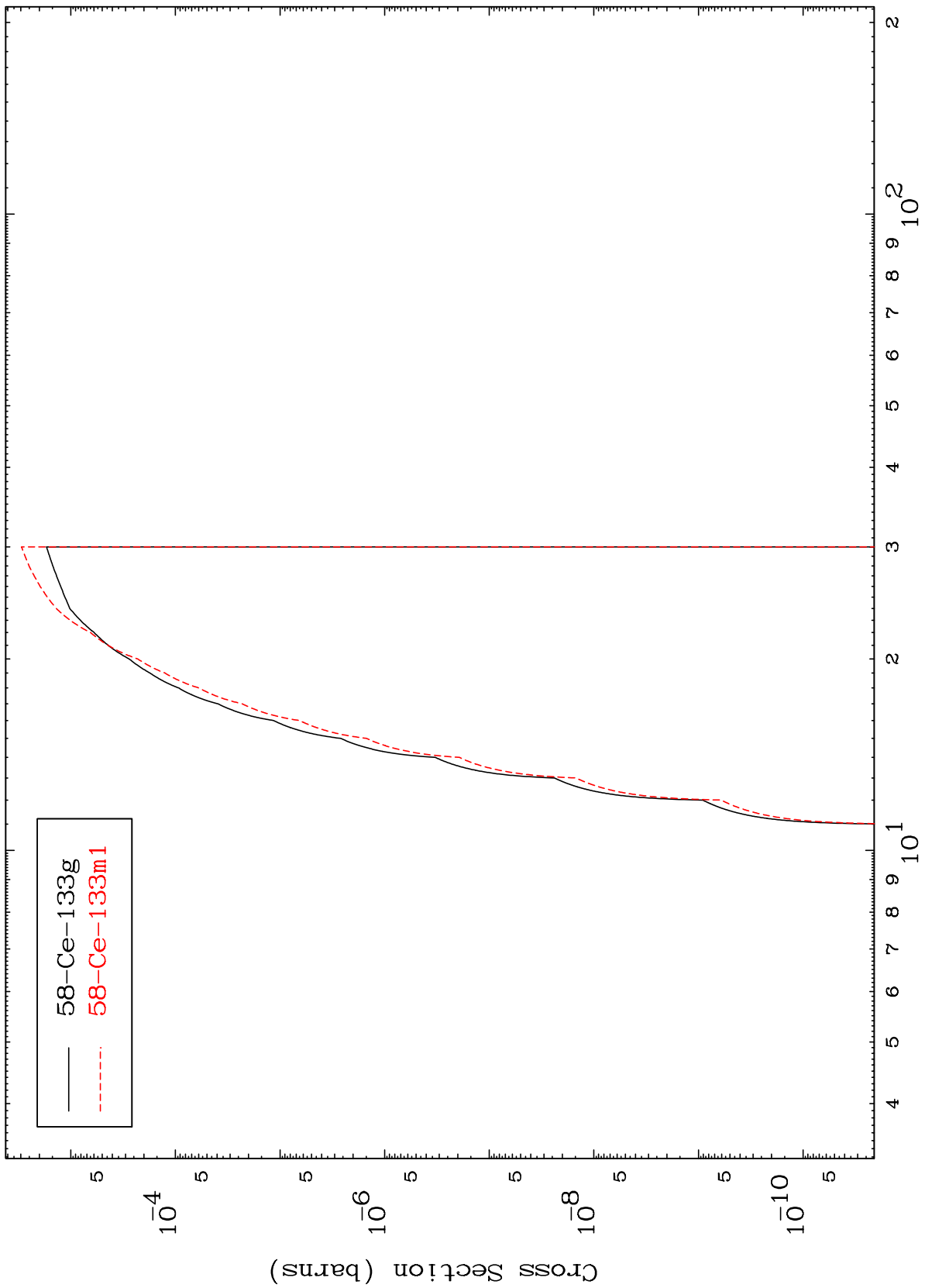
57-La-132g
57-La-132m4

MAT 5904

(n,p) t

59-Pr-134

Radionuclide Production Cross Section



29

Incident Energy (MeV)

59-Pr-134