

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

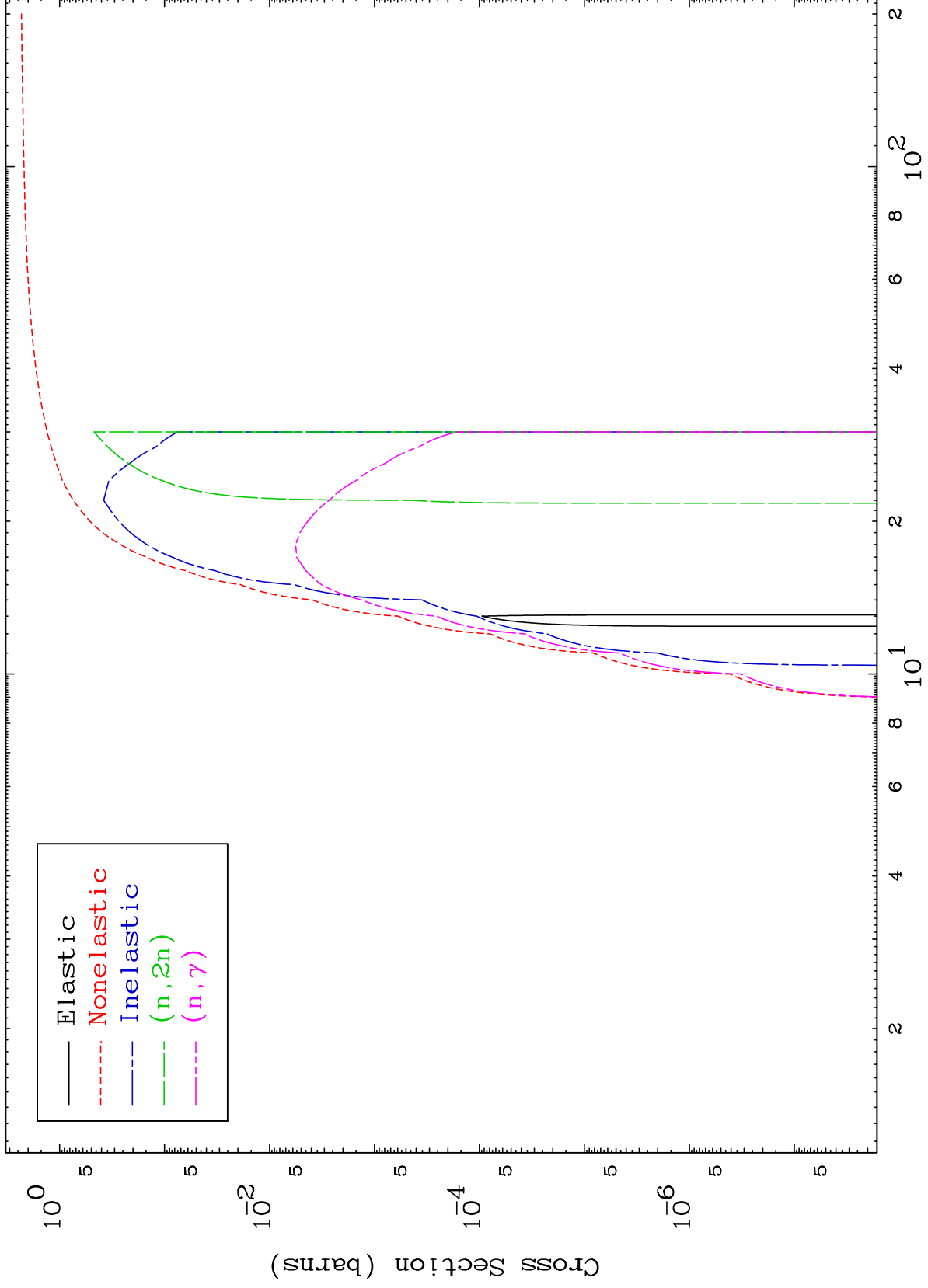
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

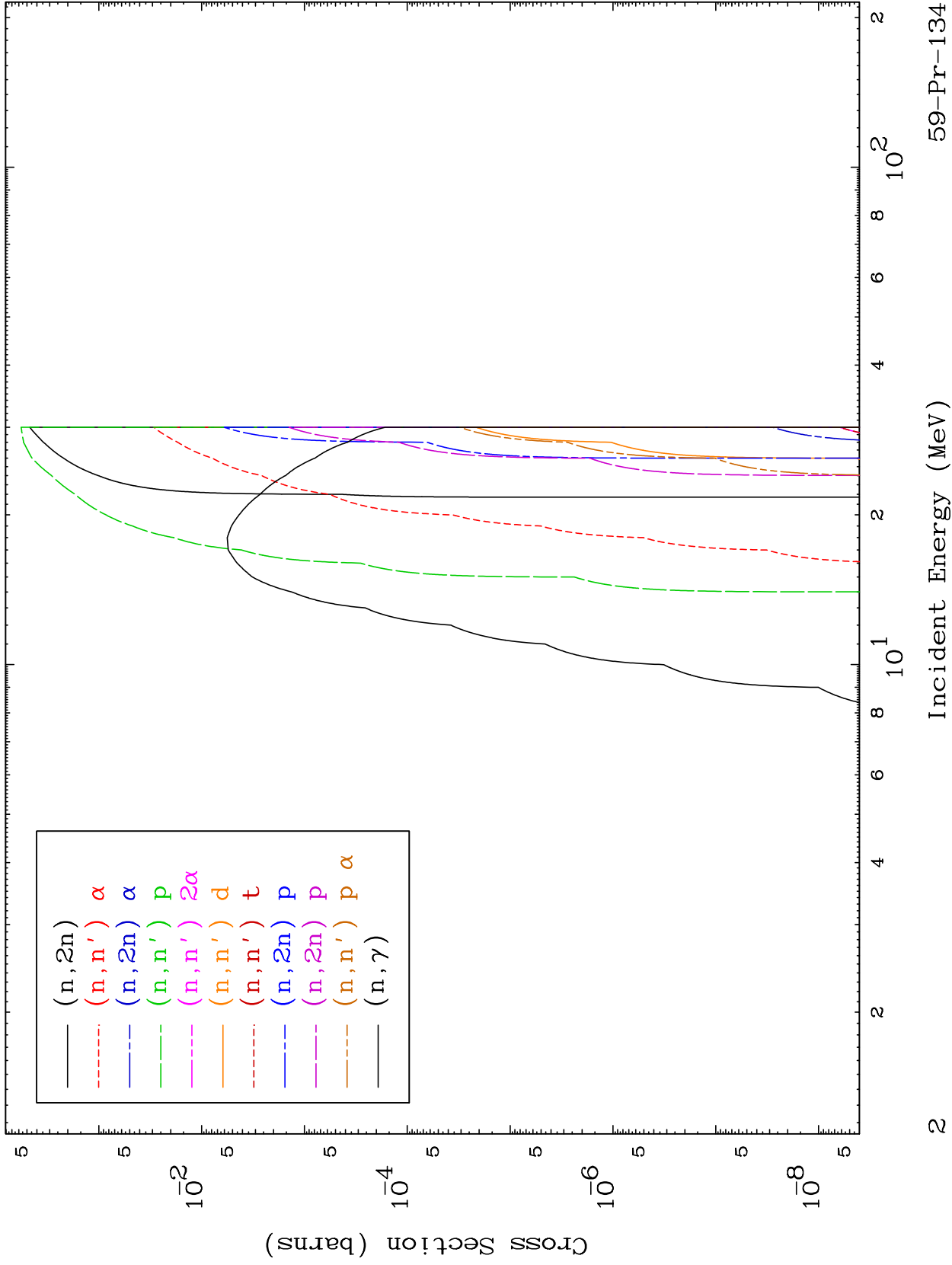
Tele: 925-443-1911

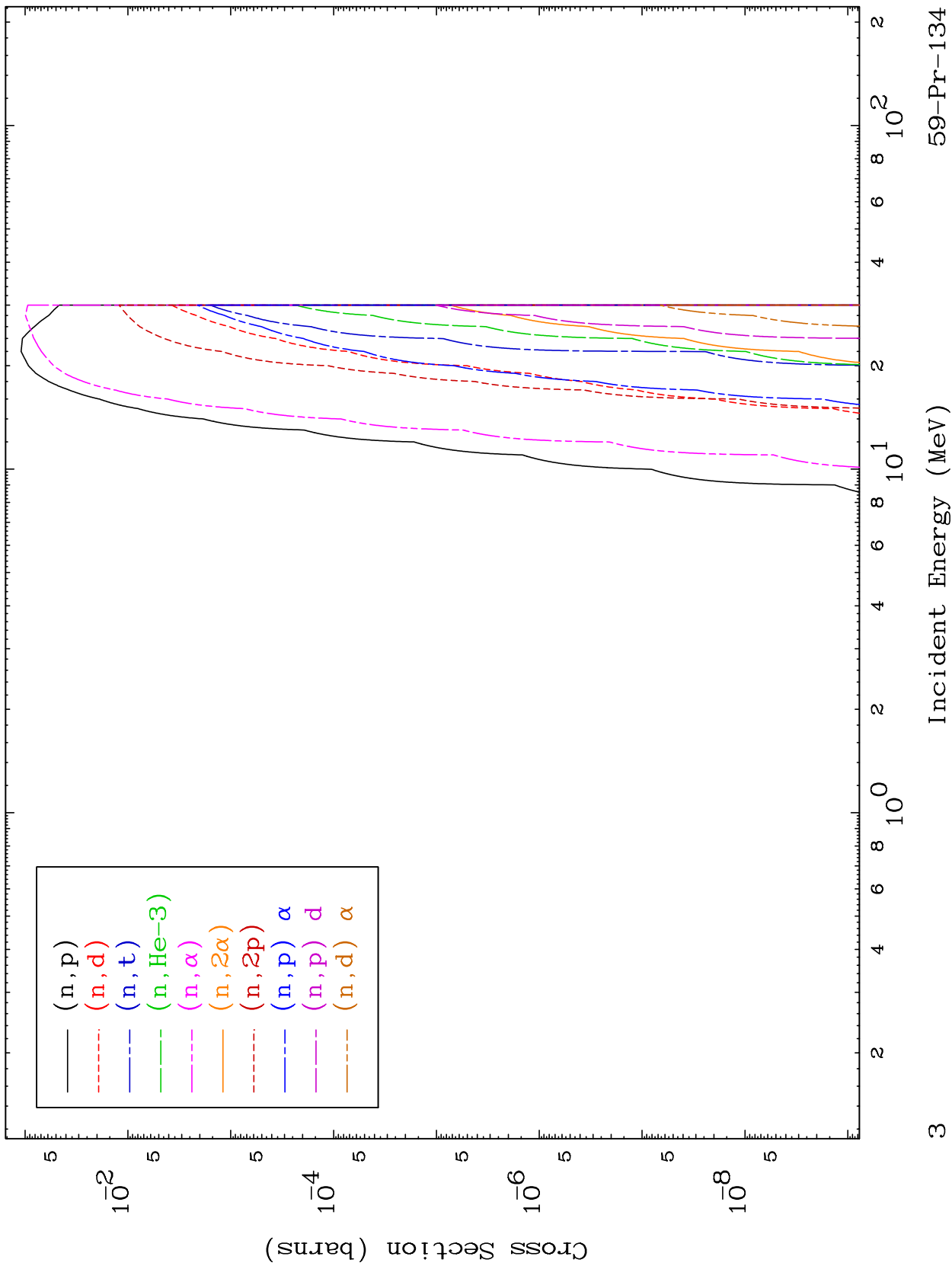
E.Mail: redcullen1@comcast.net

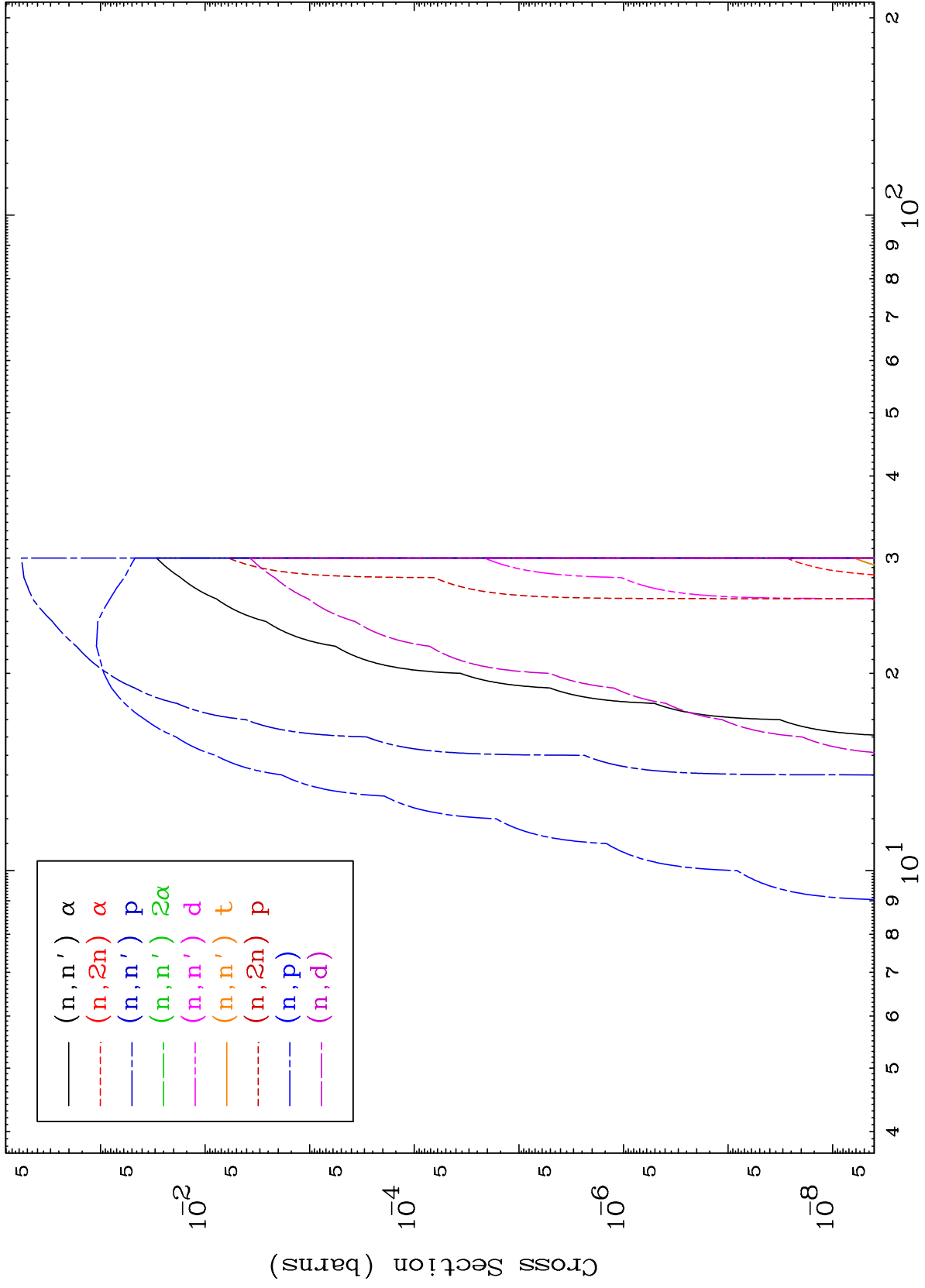
Web: redcullen1.net/HOMEPAGE.NEW

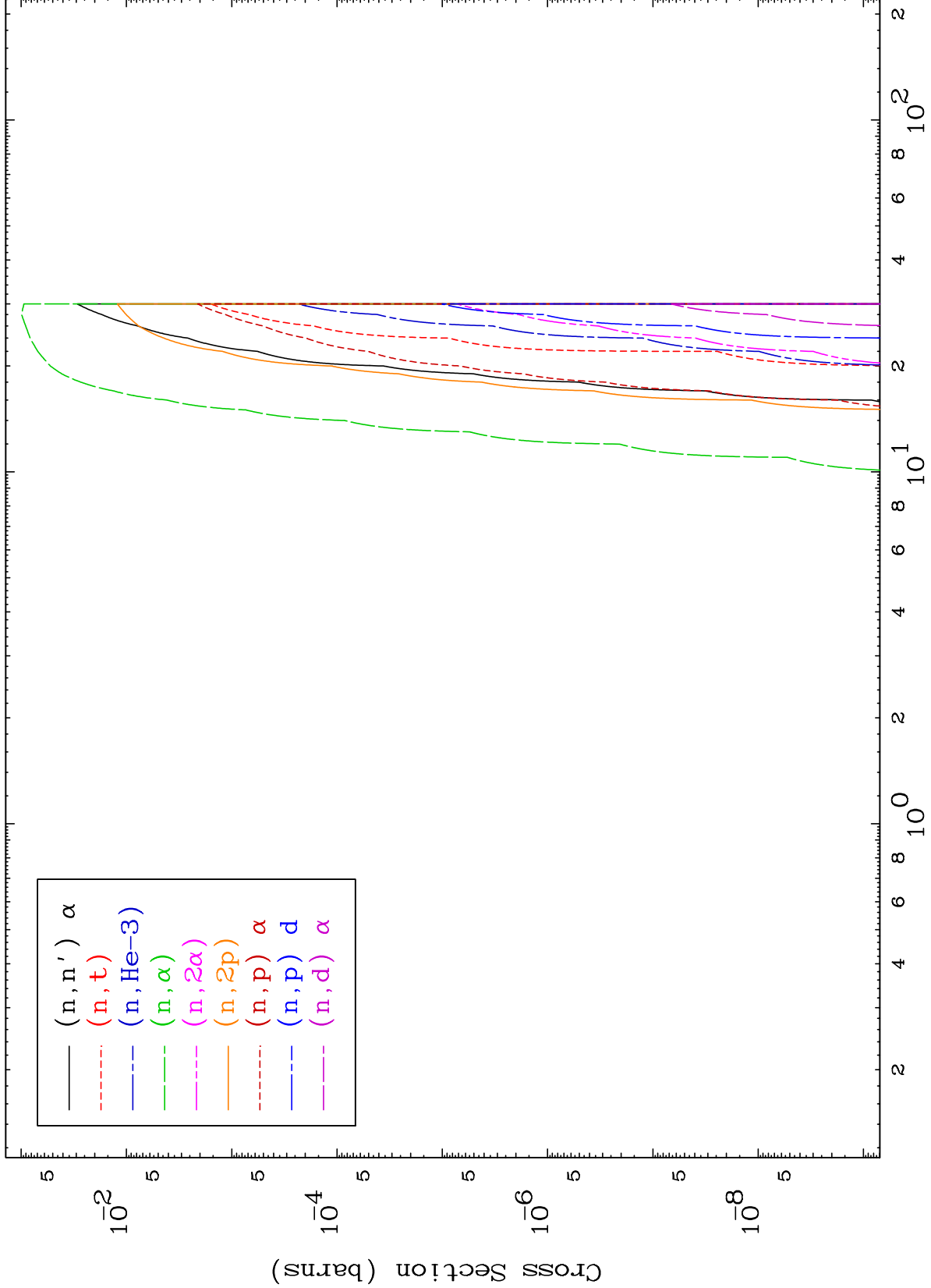
Press Mouse Button to Start







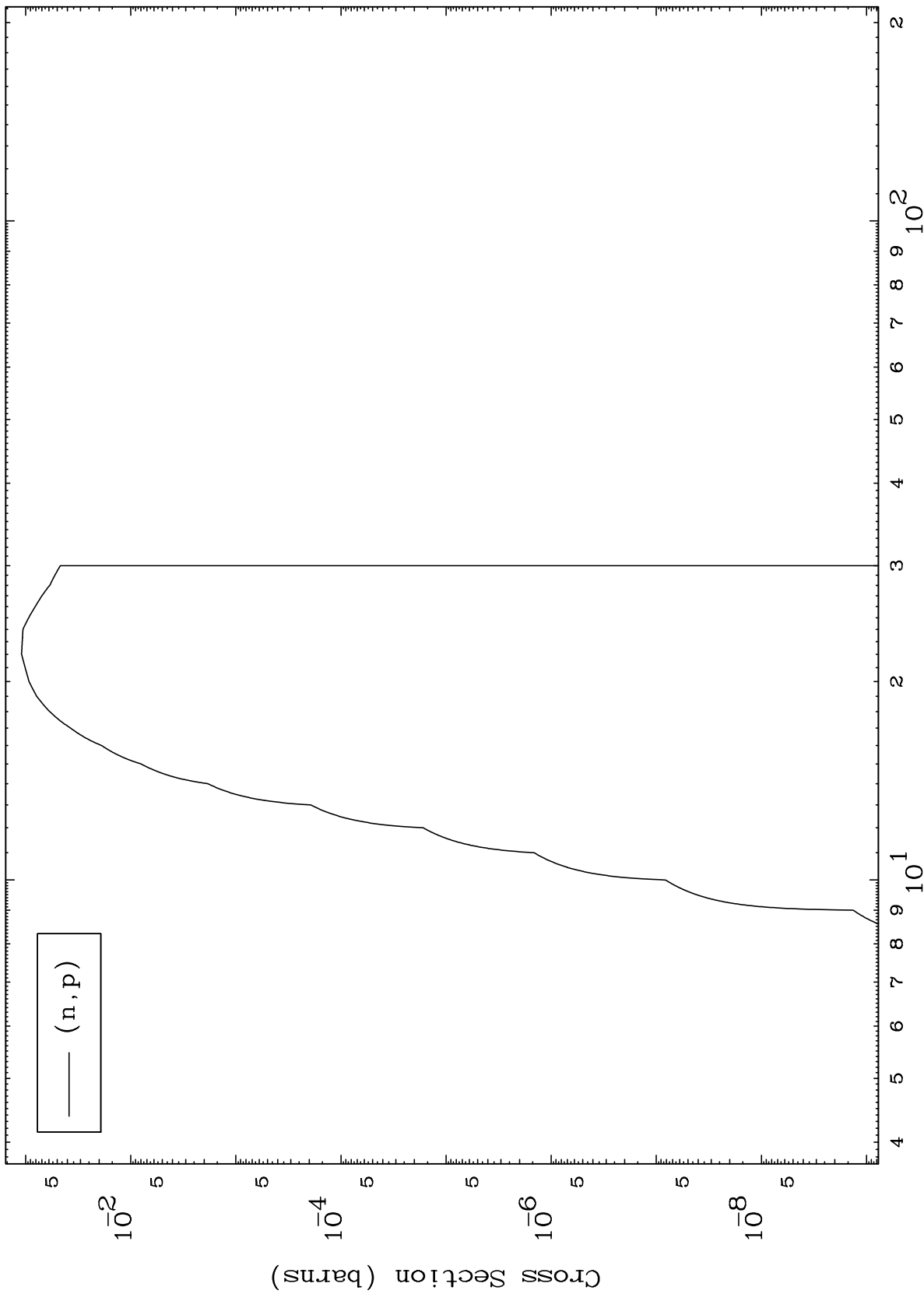




MAT 5904

59-Pr-134

(α, p) Levels
0 Kelvin Cross Sections



59-Pr-134

Incident Energy (MeV)

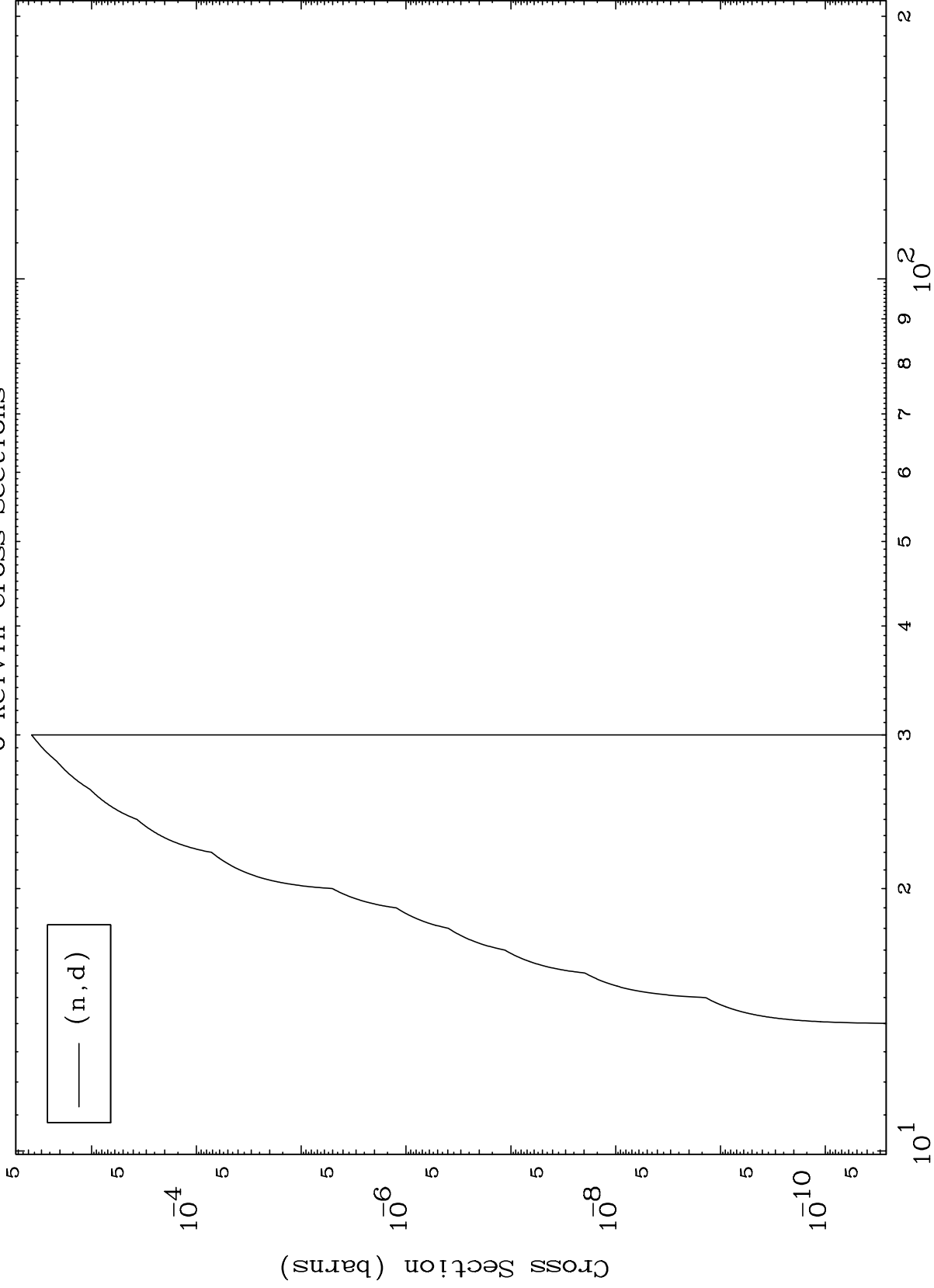
6

MAT 5904

(α, d) Levels

59-Pr-134

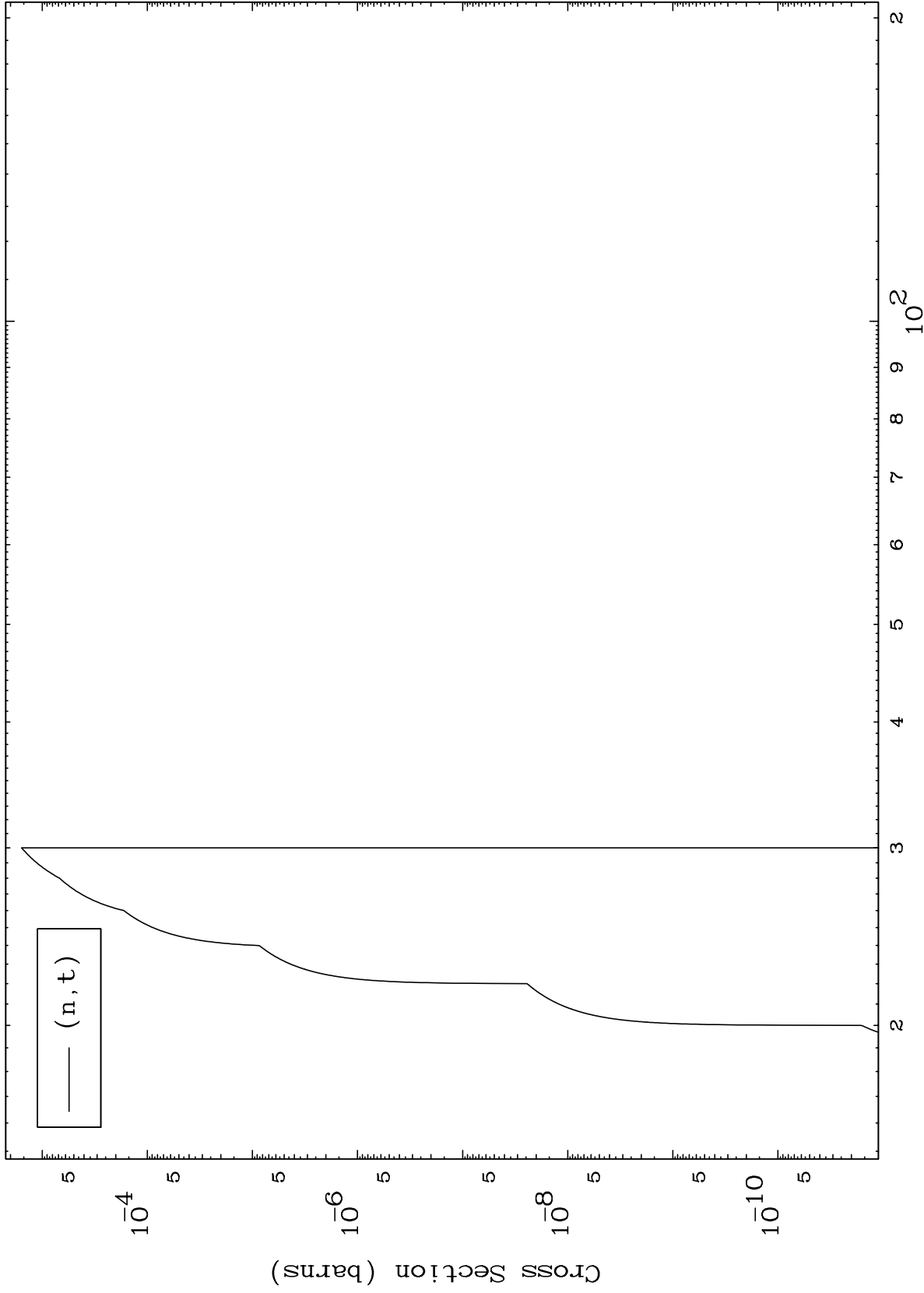
0 Kelvin Cross Sections



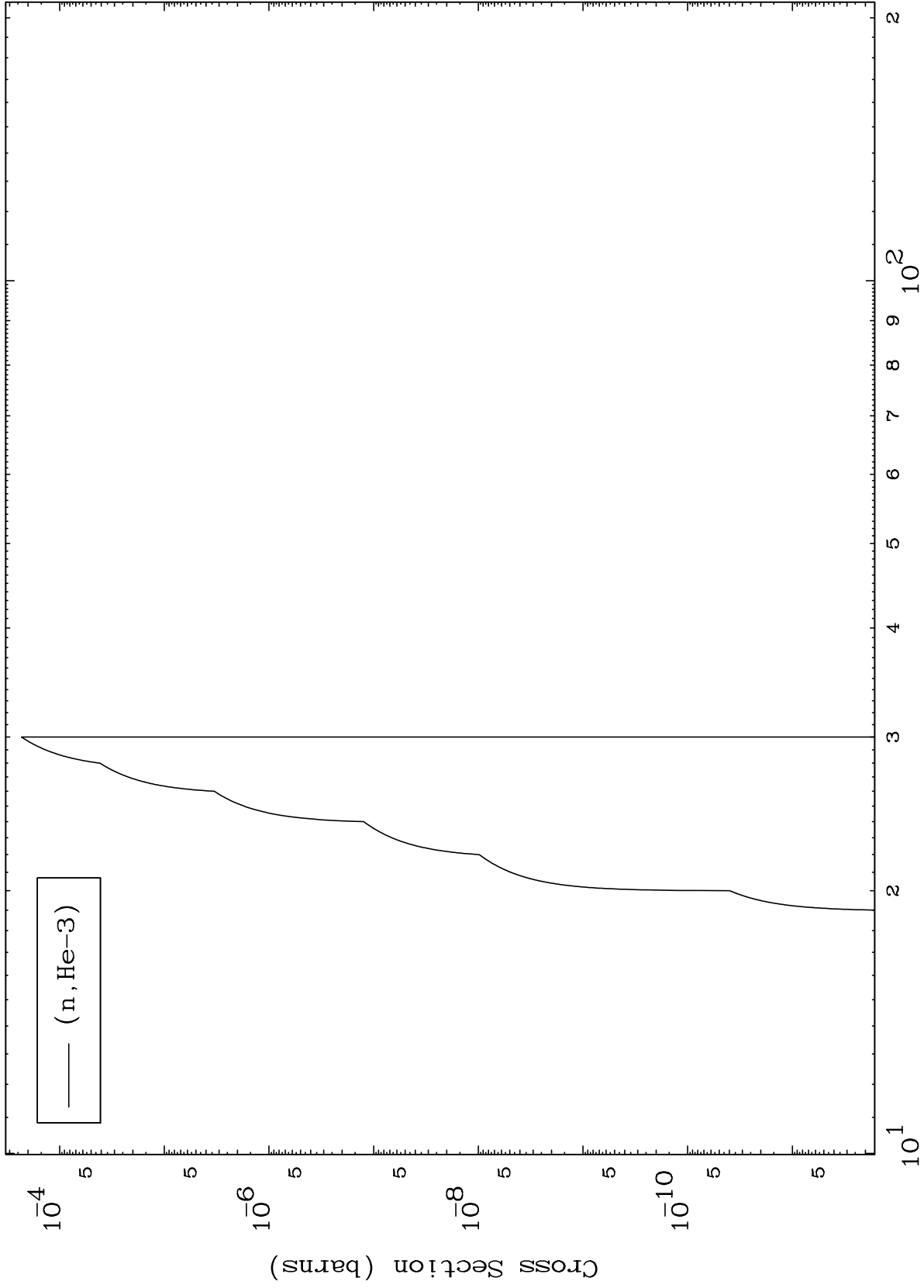
(n, d)

Incident Energy (MeV)

59-Pr-134



($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

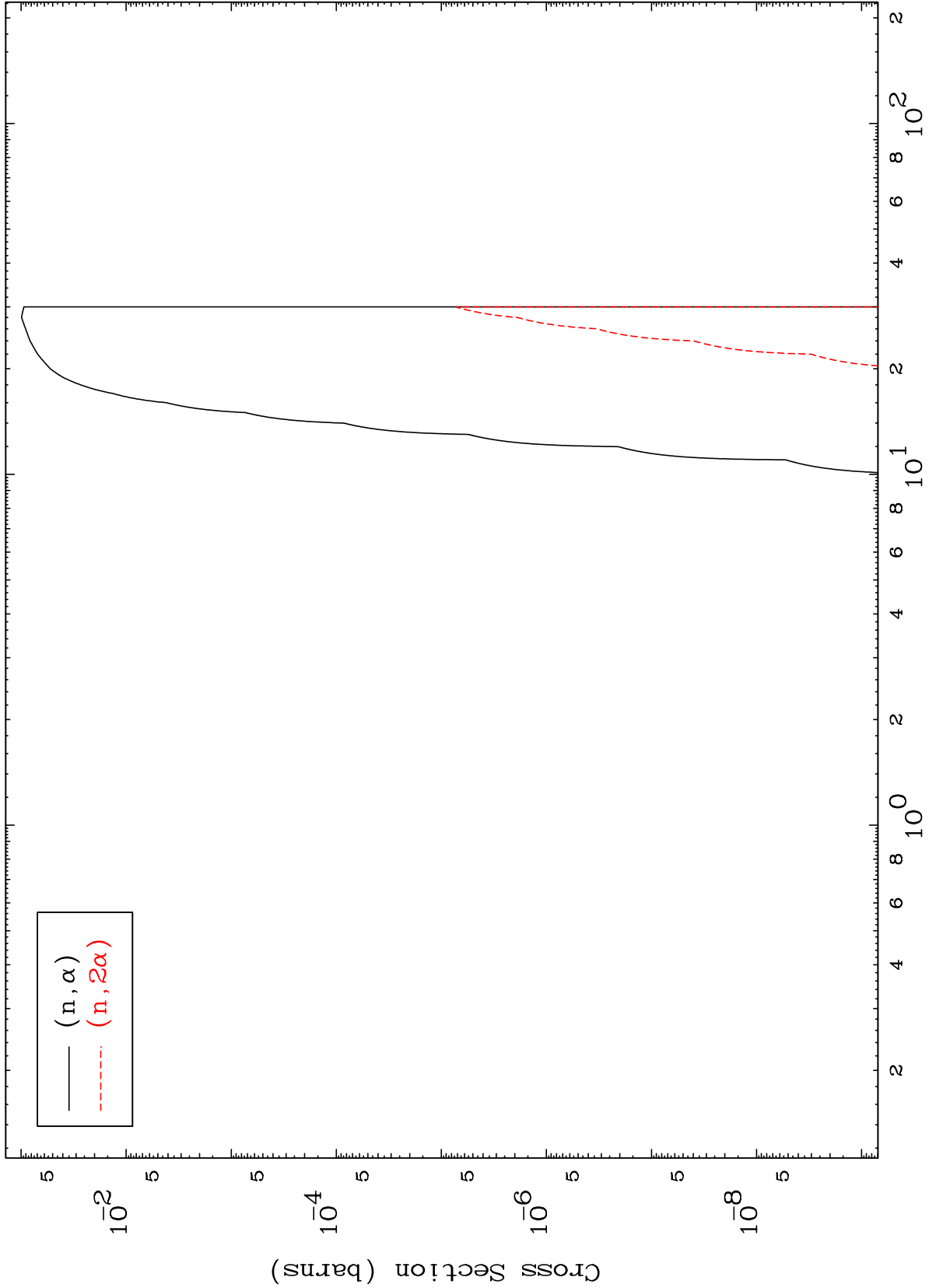


MAT 5904

(α, α) Levels

59-Pr-134

0 Kelvin Cross Sections



10

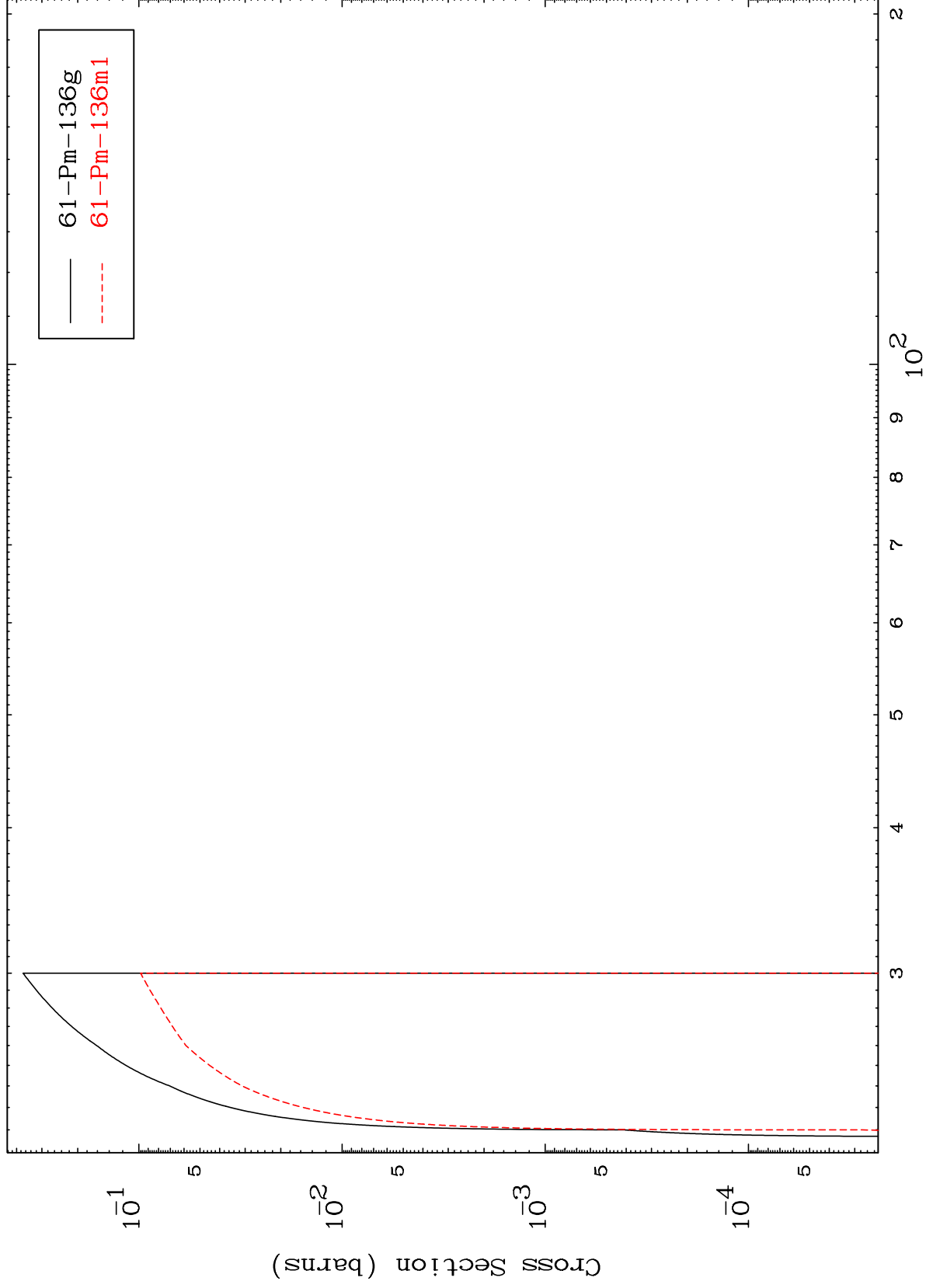
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,2n)
Radionuclide Production Cross Section



59-Pr-134

Incident Energy (MeV)

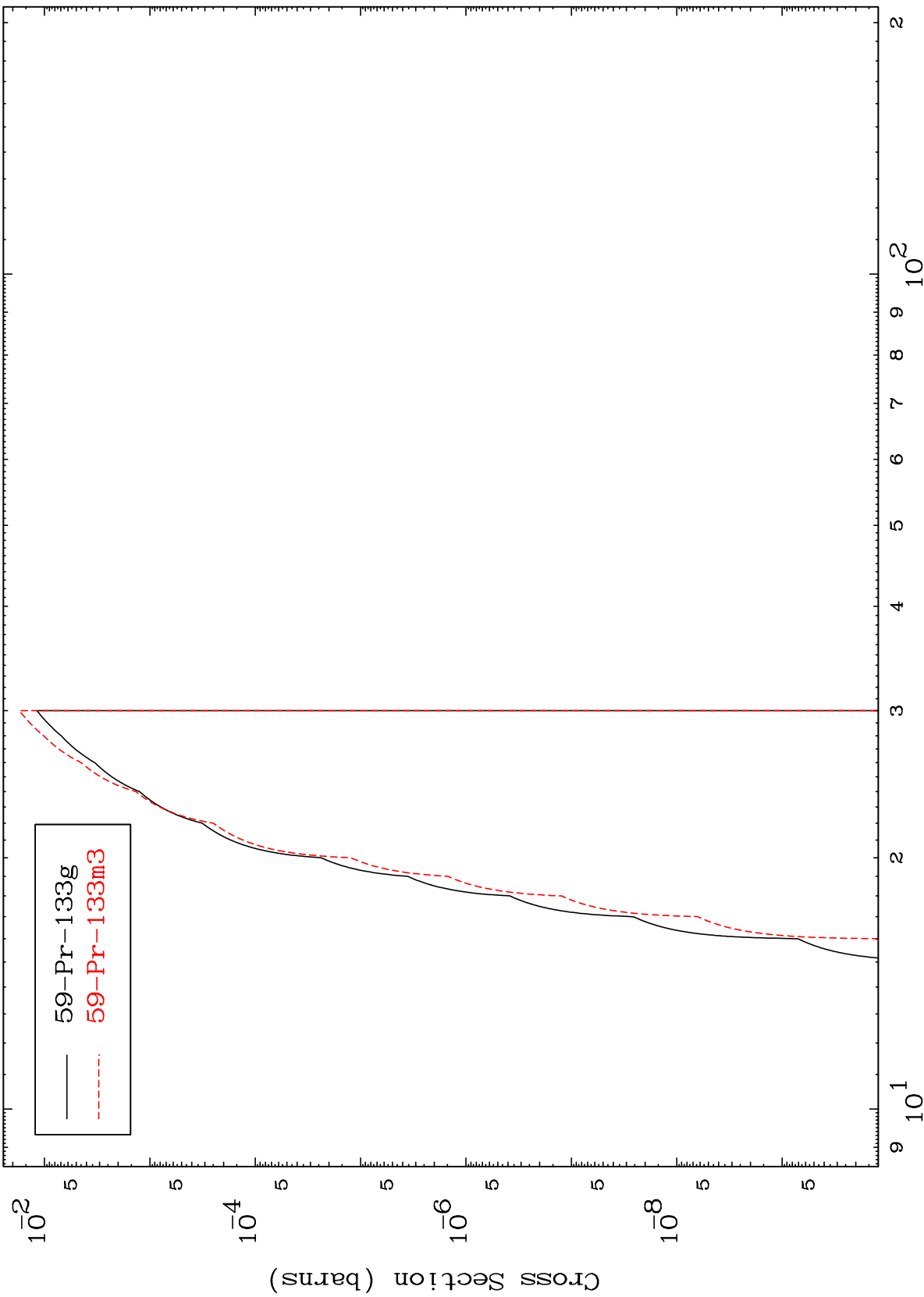
11

MAT 5904

$(n, n') \alpha$

59-Pr-134

Radionuclide Production Cross Section



12

Incident Energy (MeV)

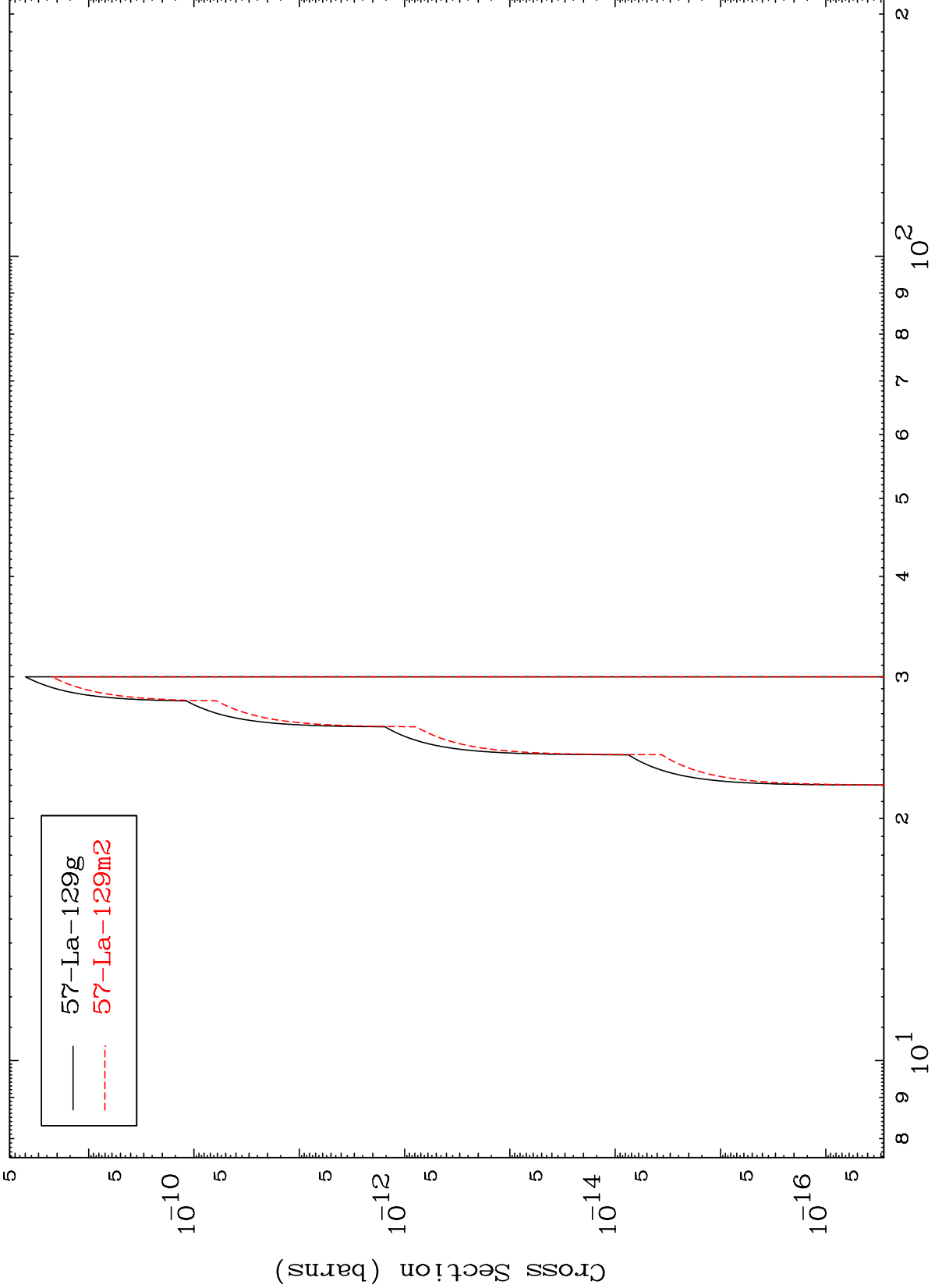
59-Pr-134

MAT 5904

(n,n') 2α

59-Pr-134

Radionuclide Production Cross Section



13

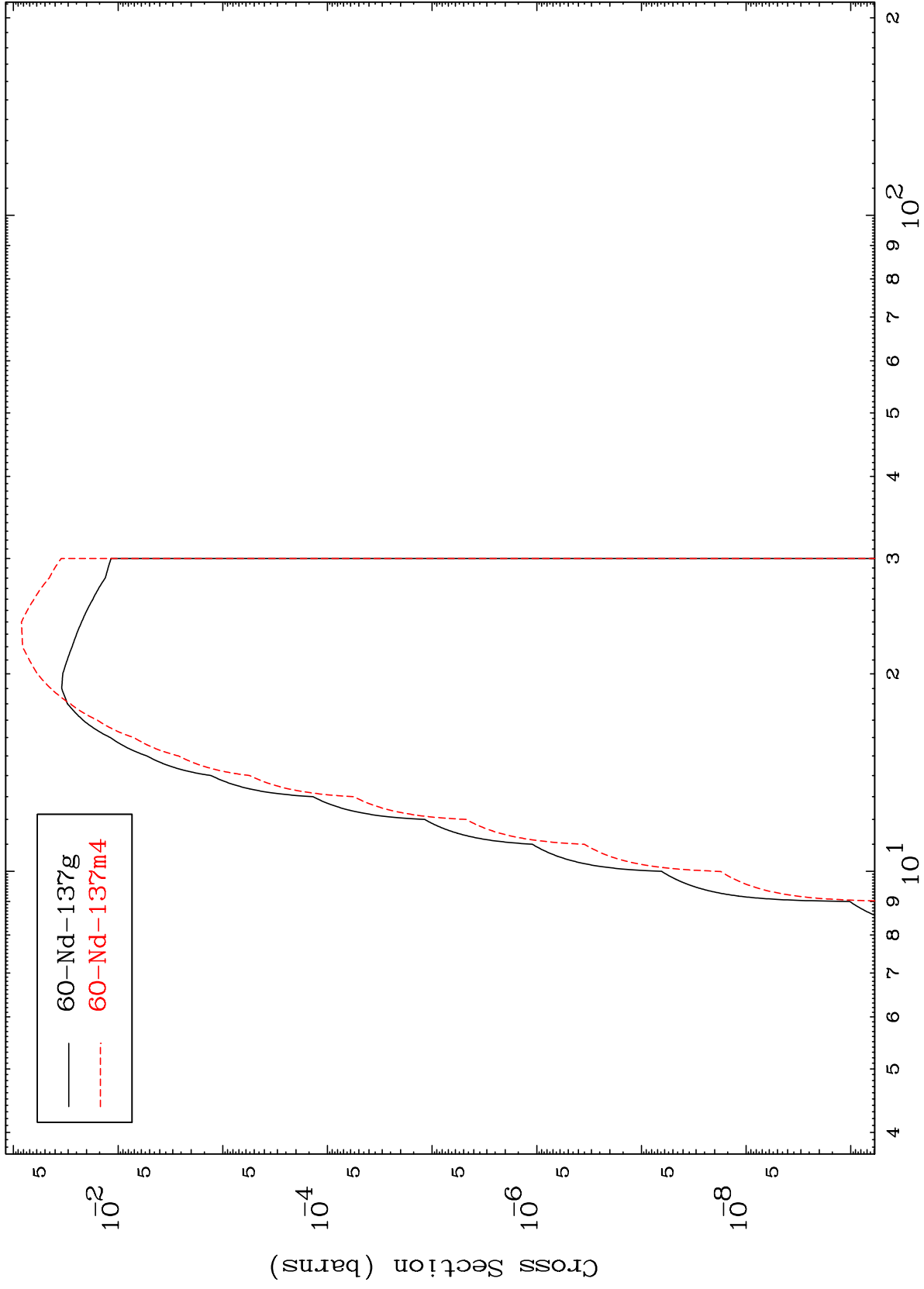
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,p)
Radionuclide Production Cross Section



59-Pr-134

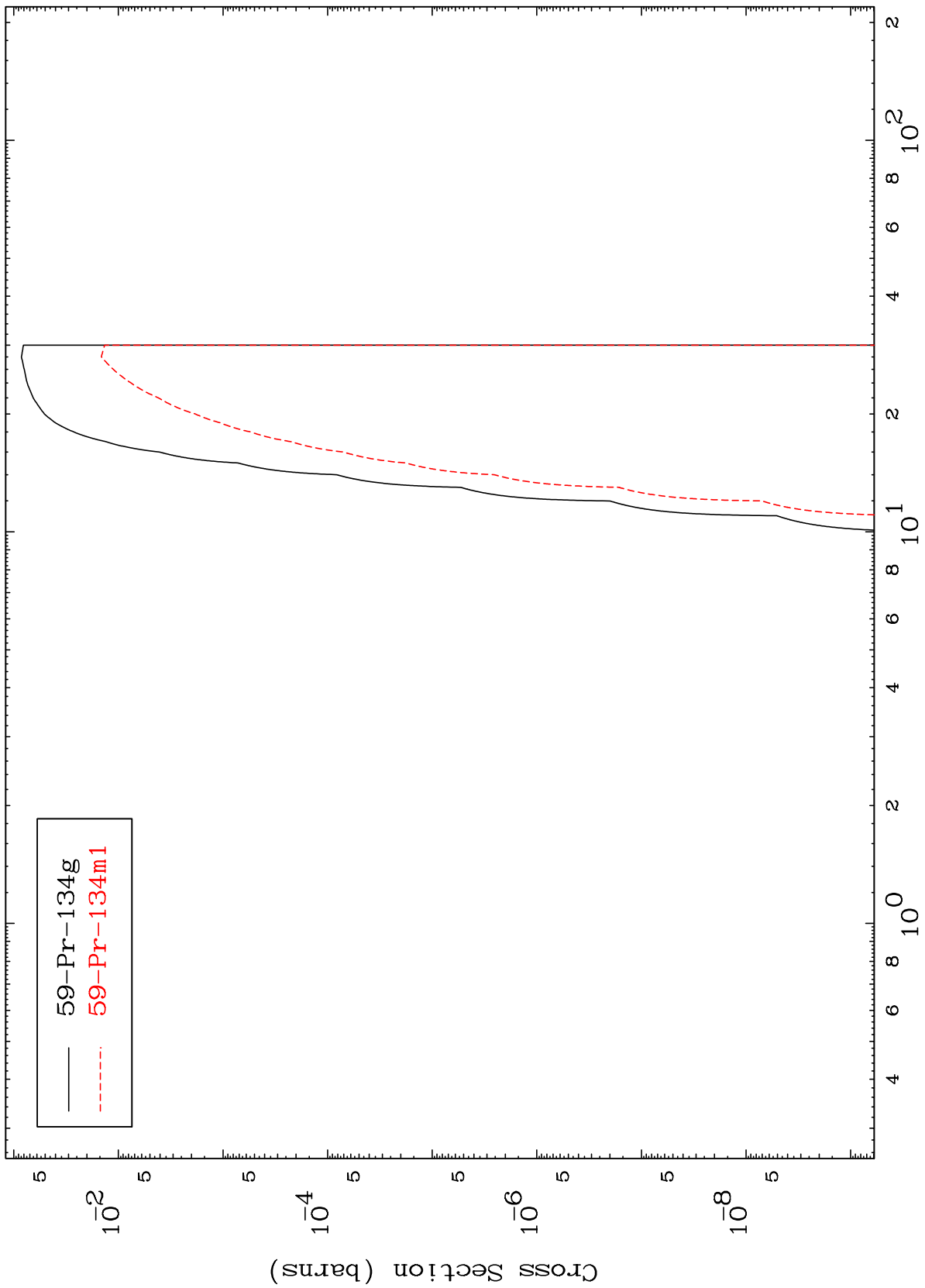
Incident Energy (MeV)

14

MAT 5904

59-Pr-134

(n, α)
Radionuclide Production Cross Section



— 59-Pr-134g
- - - 59-Pr-134m1

15

Incident Energy (MeV)

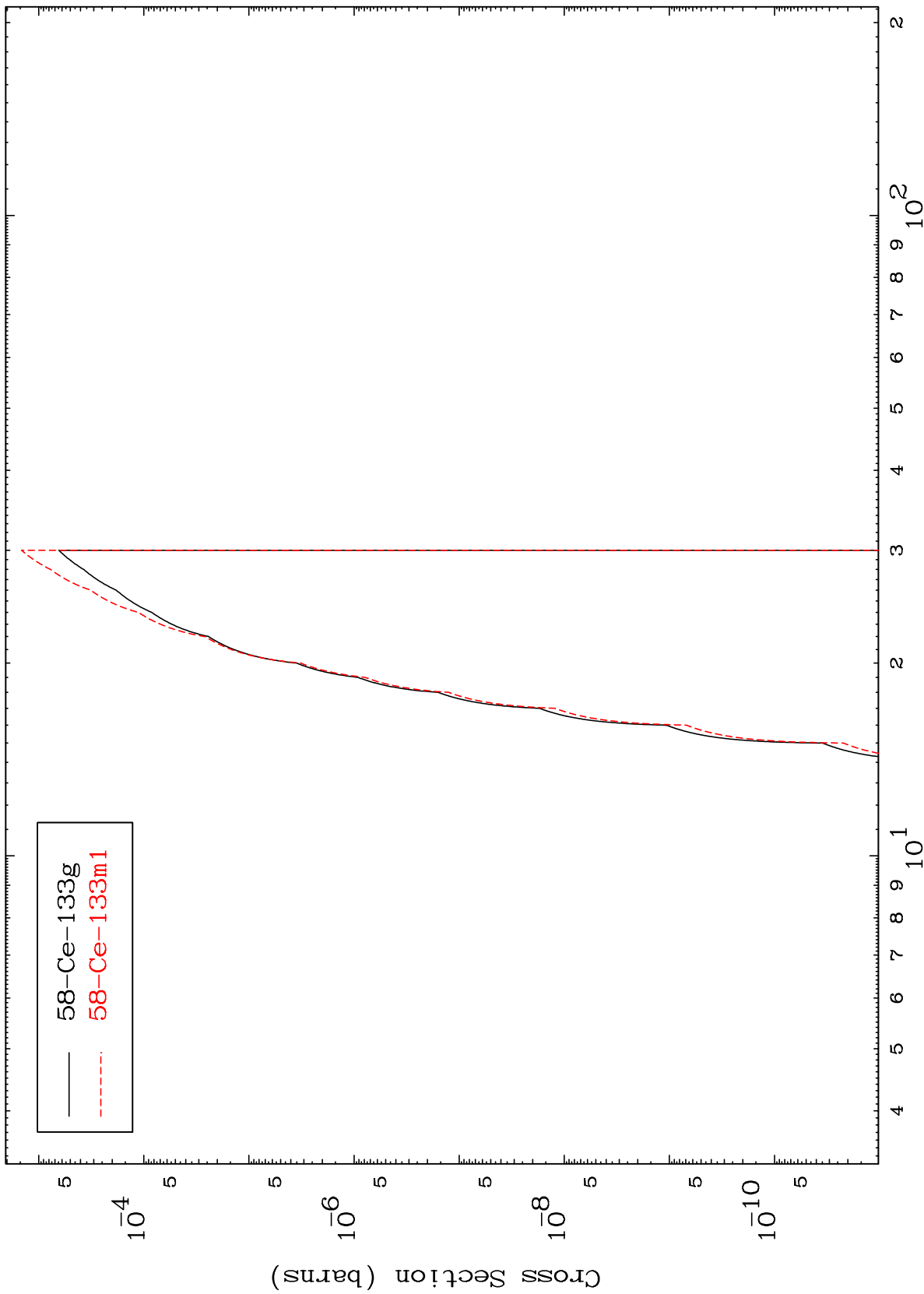
59-Pr-134

MAT 5904

(n,p) α

59-Pr-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

59-Pr-134