

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

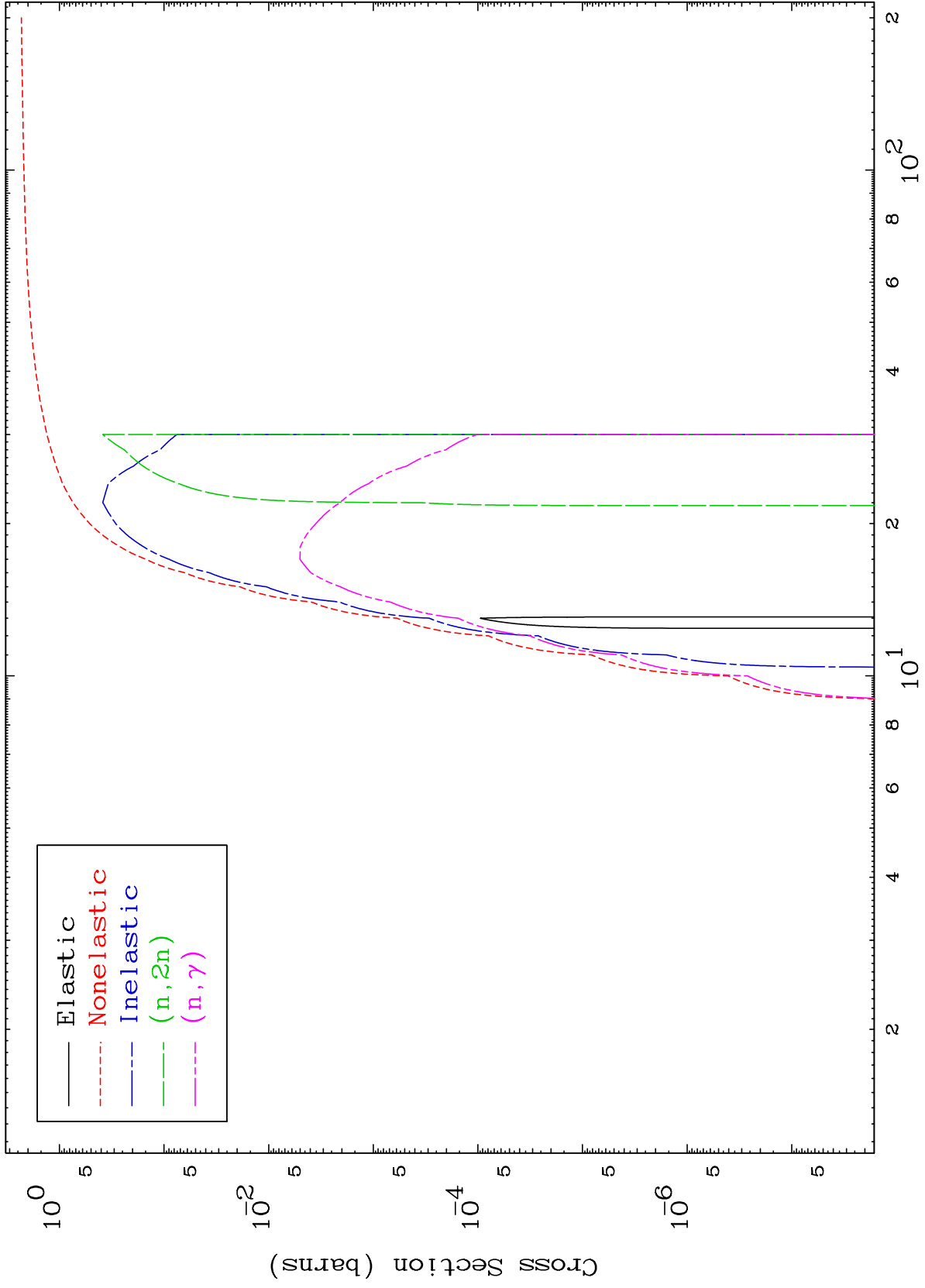
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

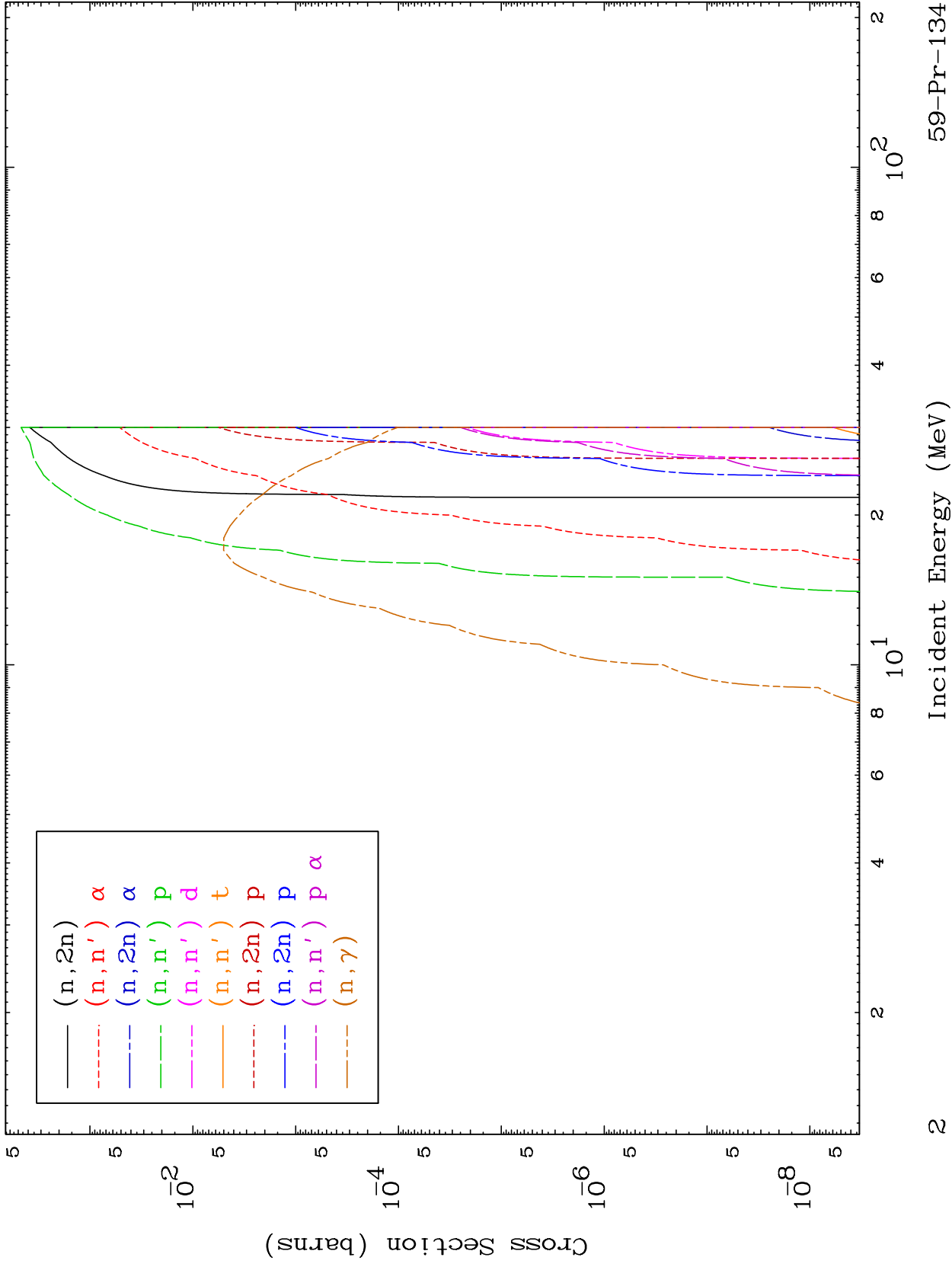
Tele: 925-443-1911

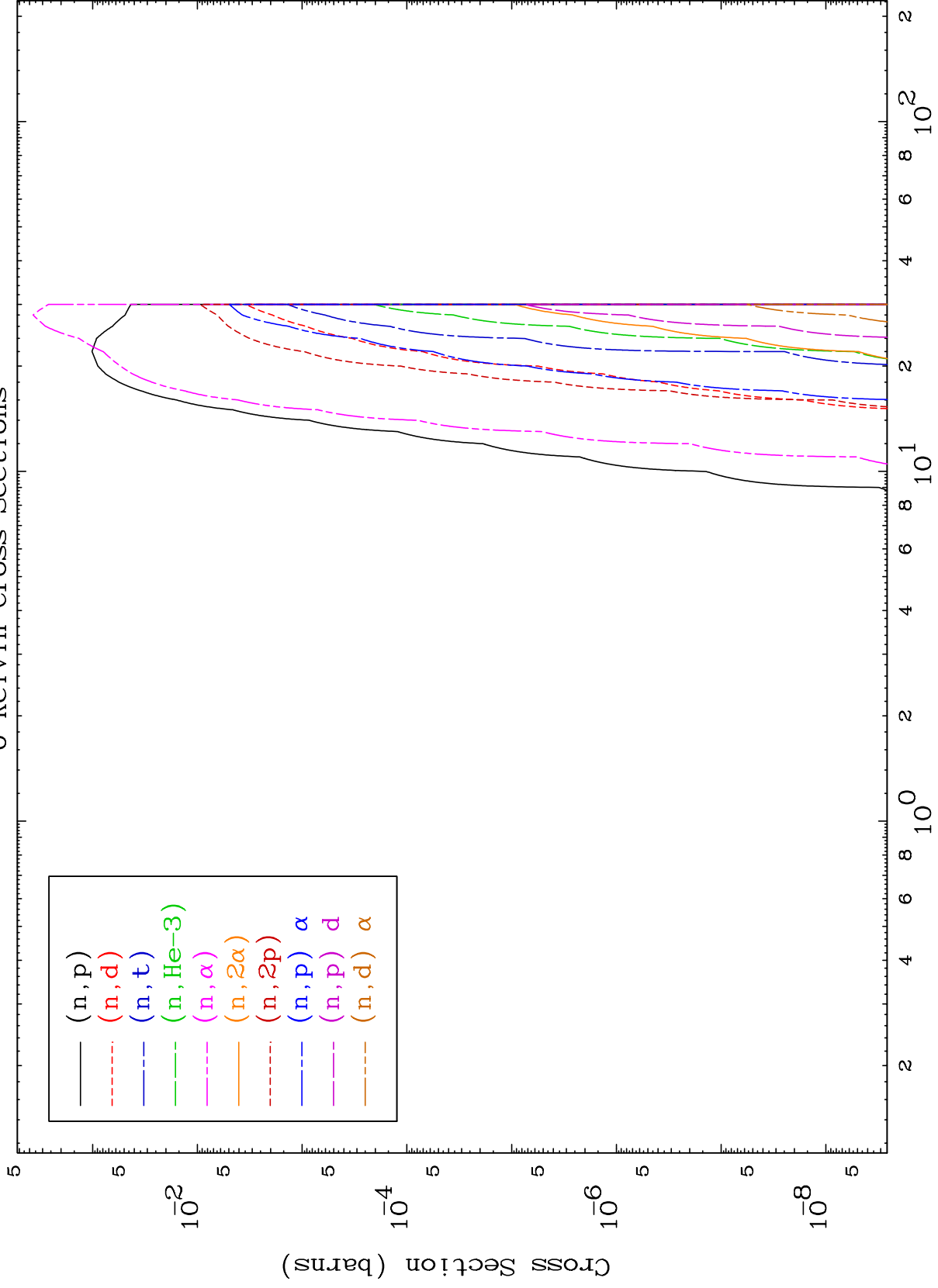
E.Mail:redcullen1@comcast.net

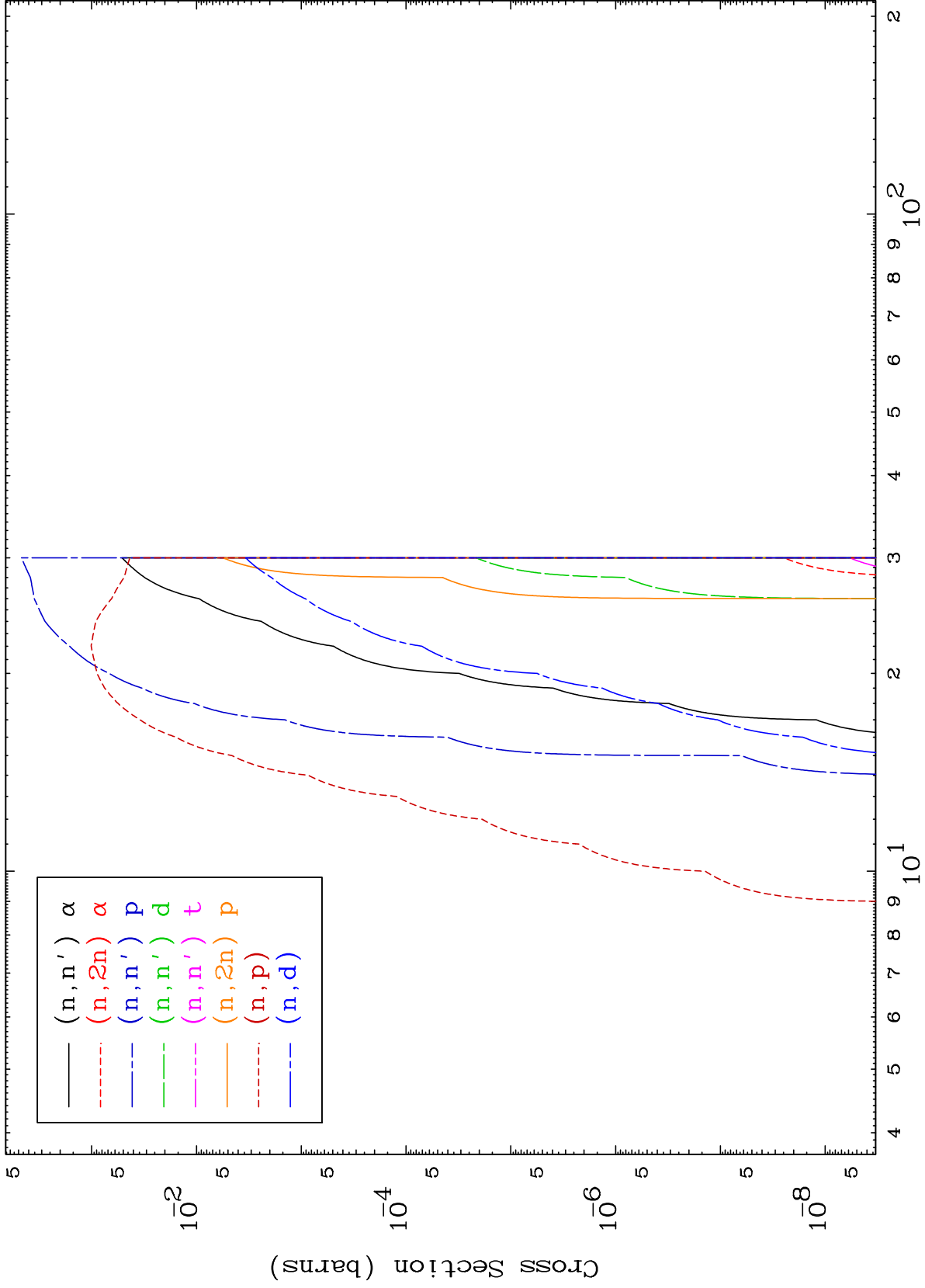
Web:redcullen1.net/HOMEPAGE.NEW

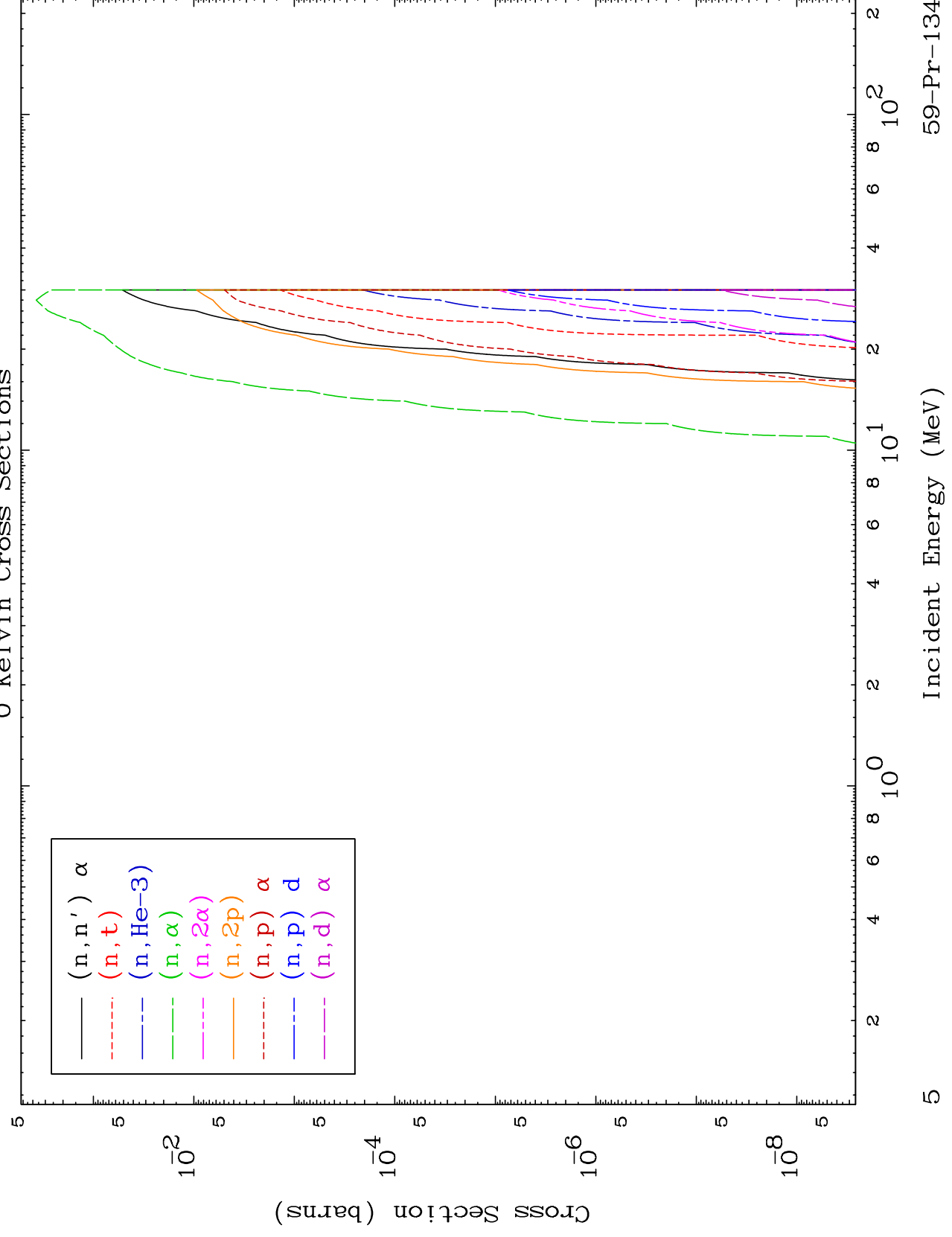
Press Mouse Button to Start







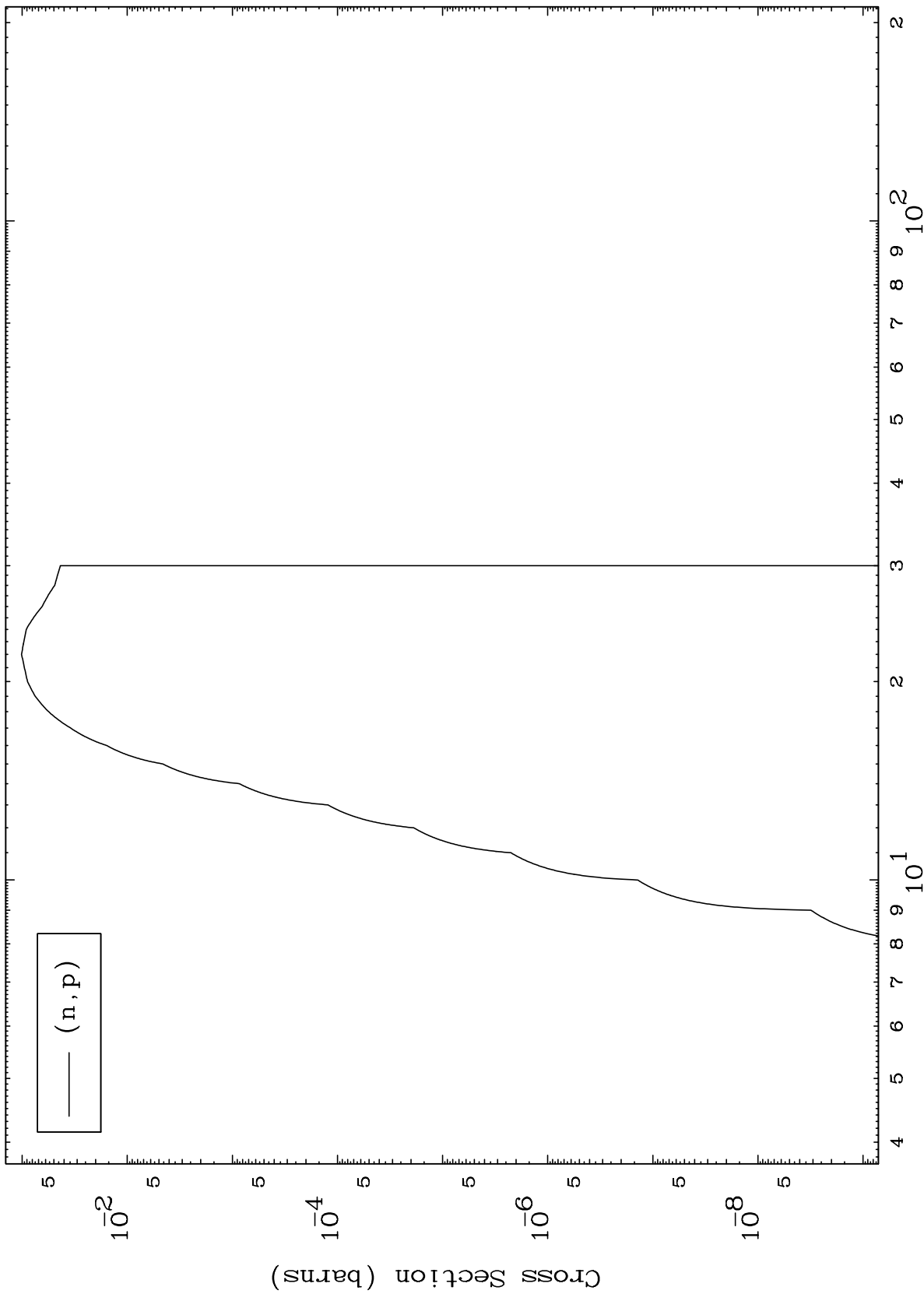




MAT 5904

59-Pr-134

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



59-Pr-134

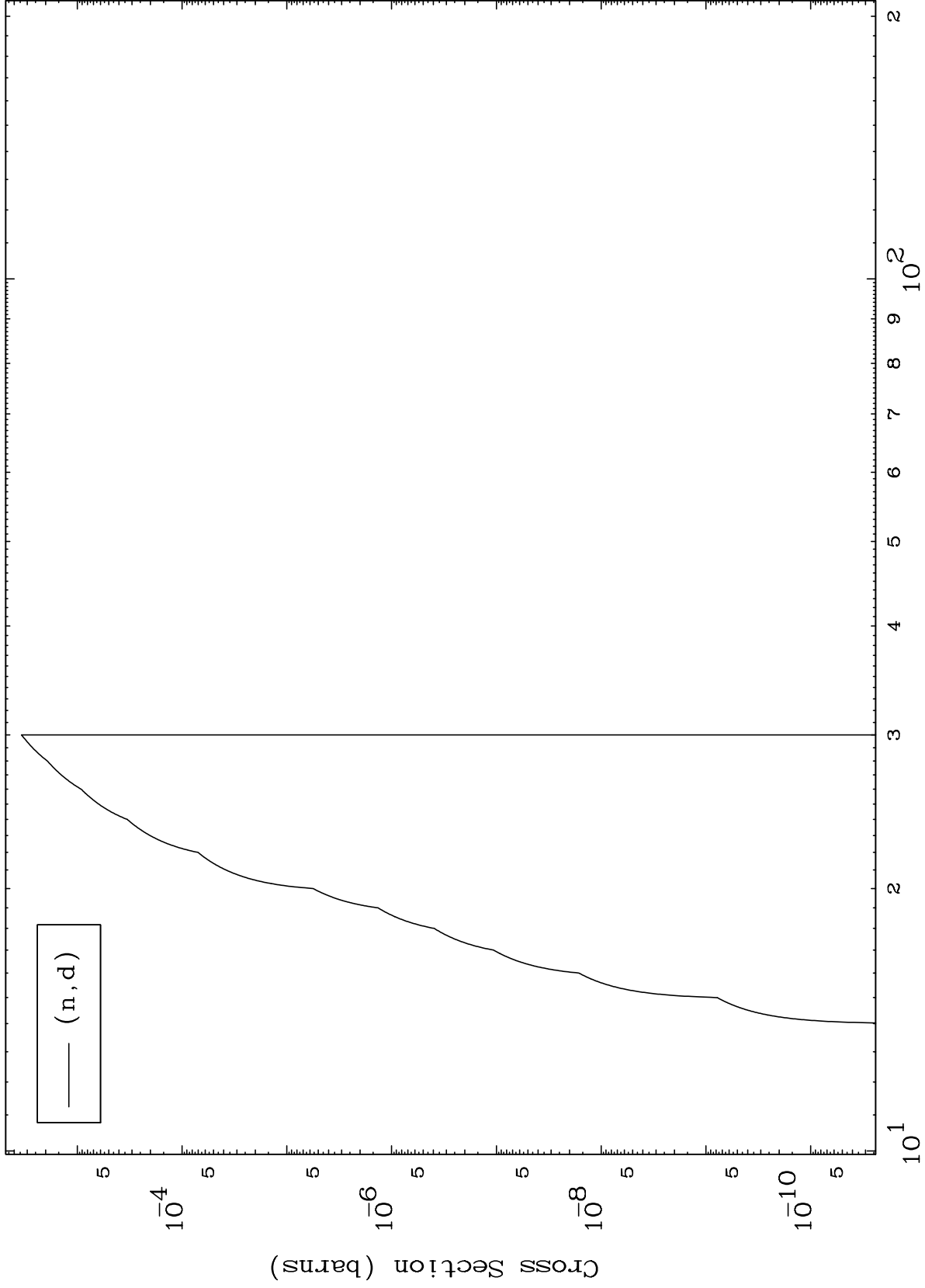
Incident Energy (MeV)

6

MAT 5904

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

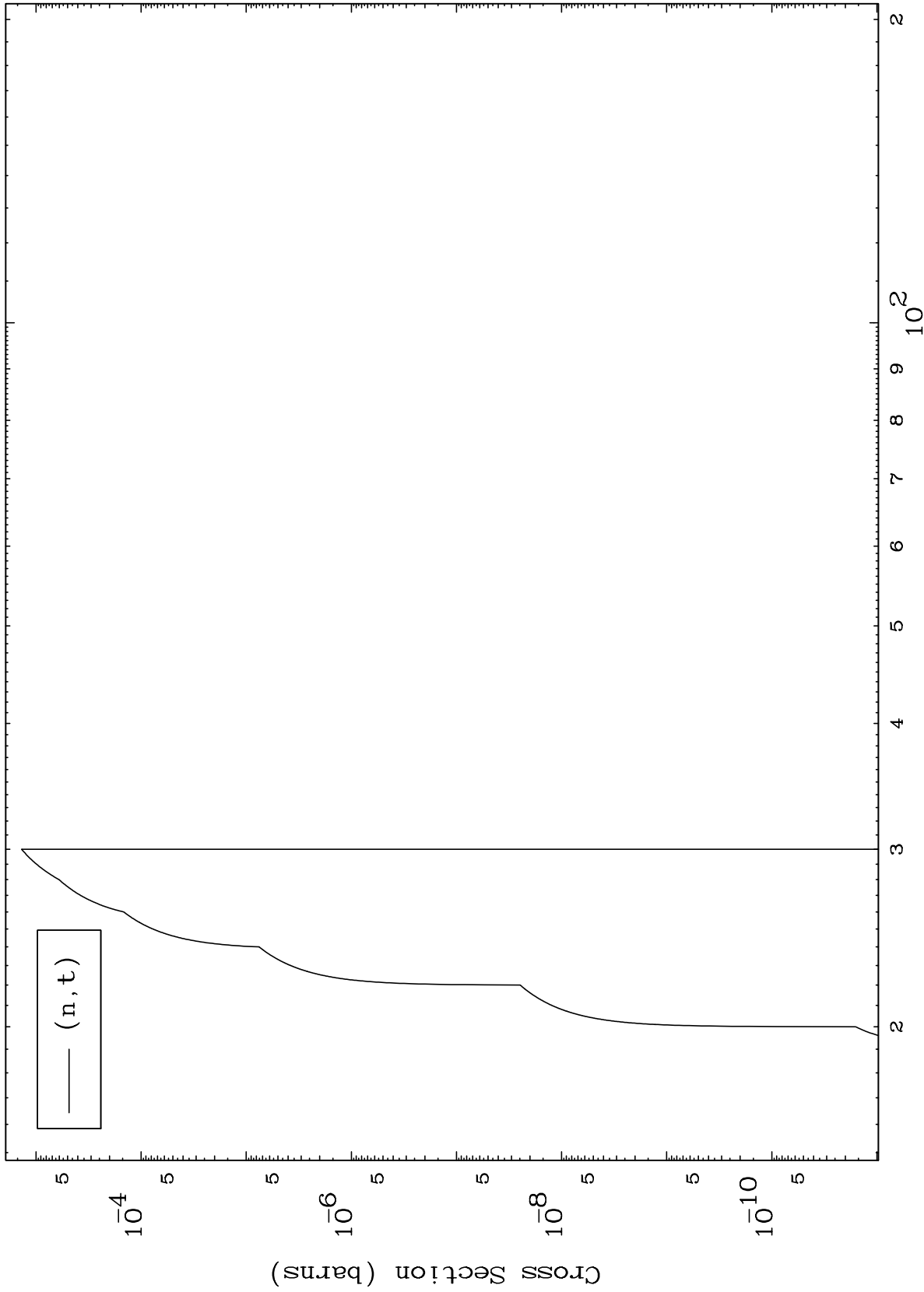
59-Pr-134



Incident Energy (MeV)

59-Pr-134

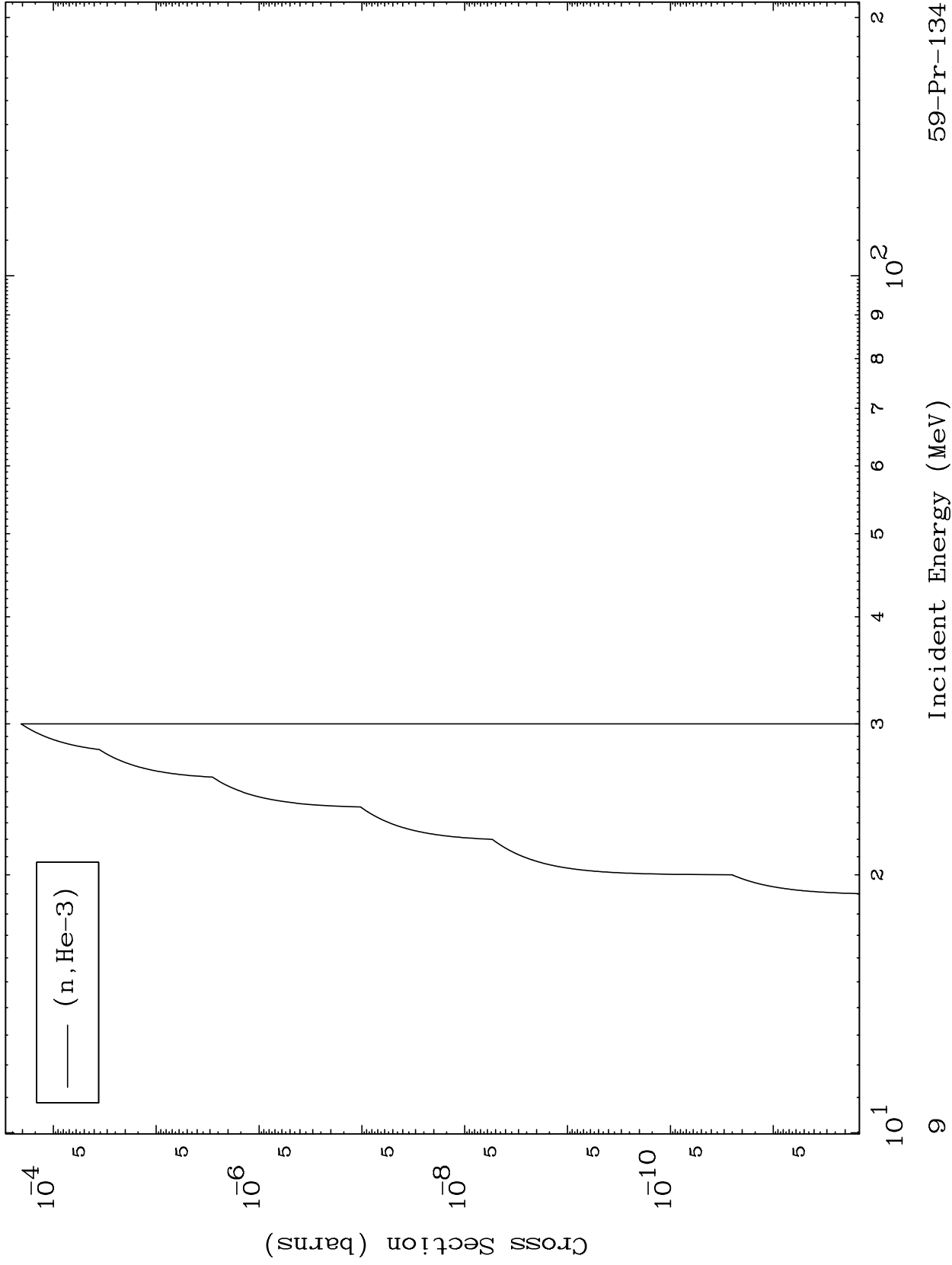




MAT 5904

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

59-Pr-134



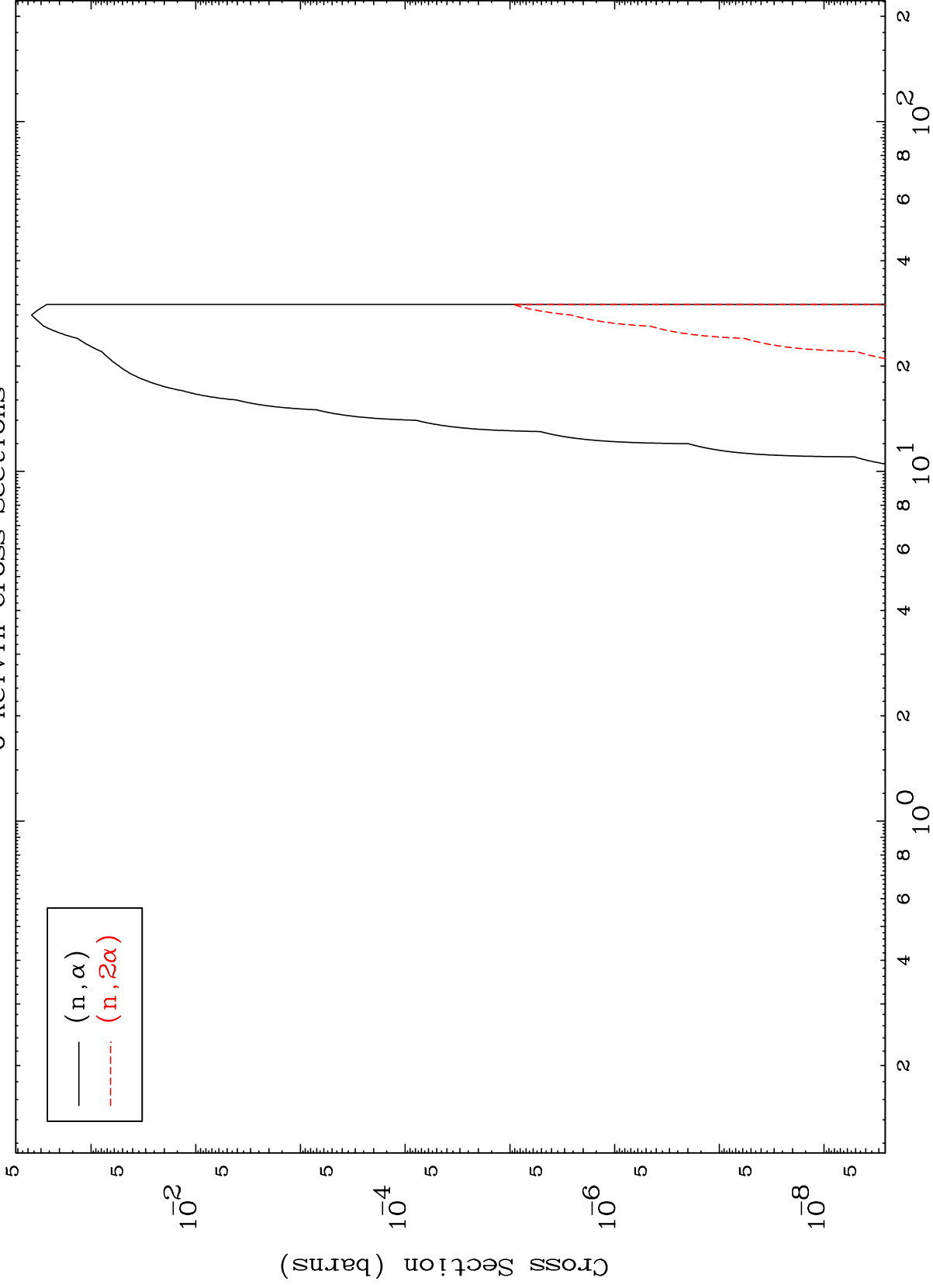
59-Pr-134

MAT 5904

( $\alpha, \alpha$ ) Levels

59-Pr-134

0 Kelvin Cross Sections



10

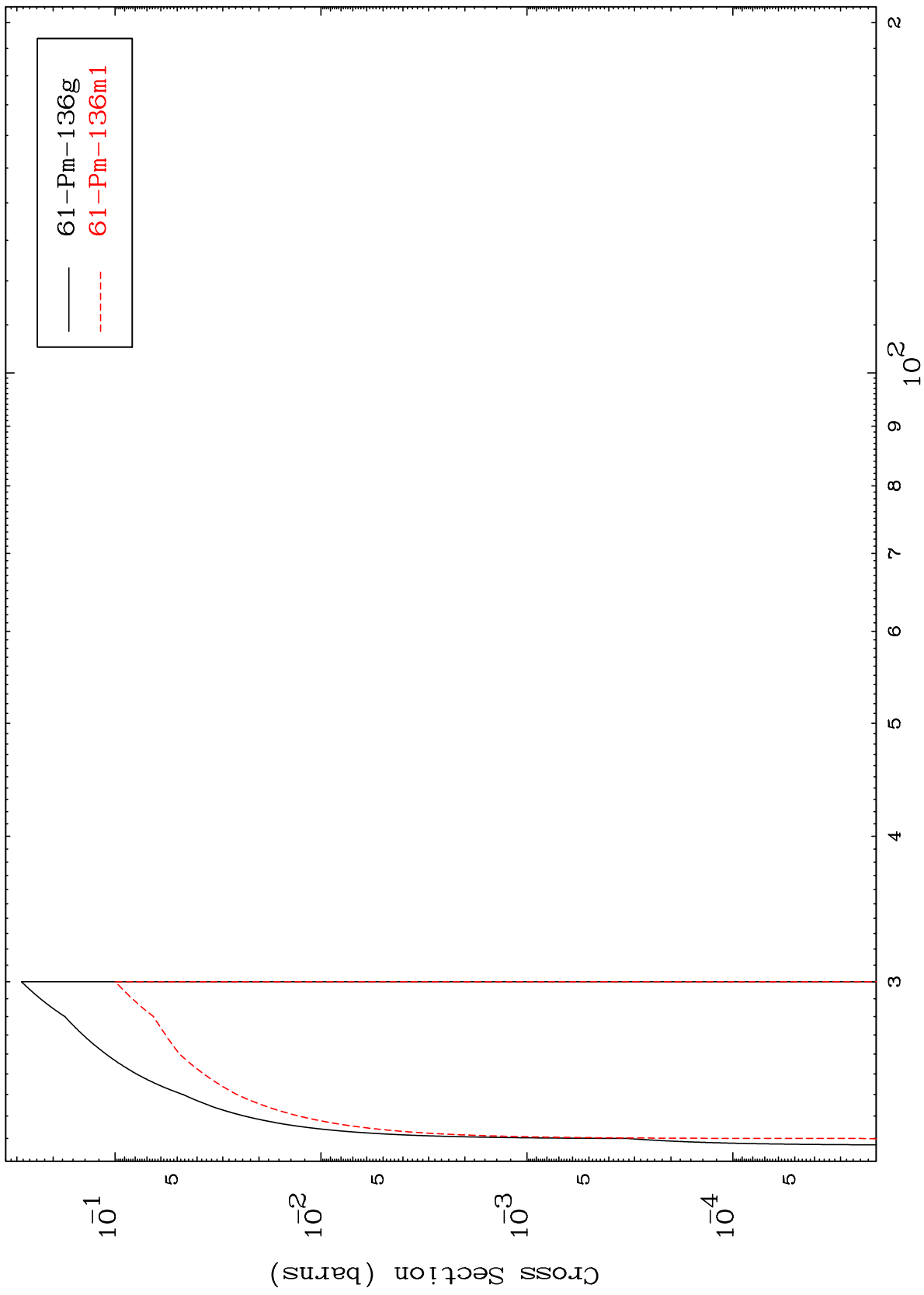
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,2n)  
Radionuclide Production Cross Section



59-Pr-134

Incident Energy (MeV)

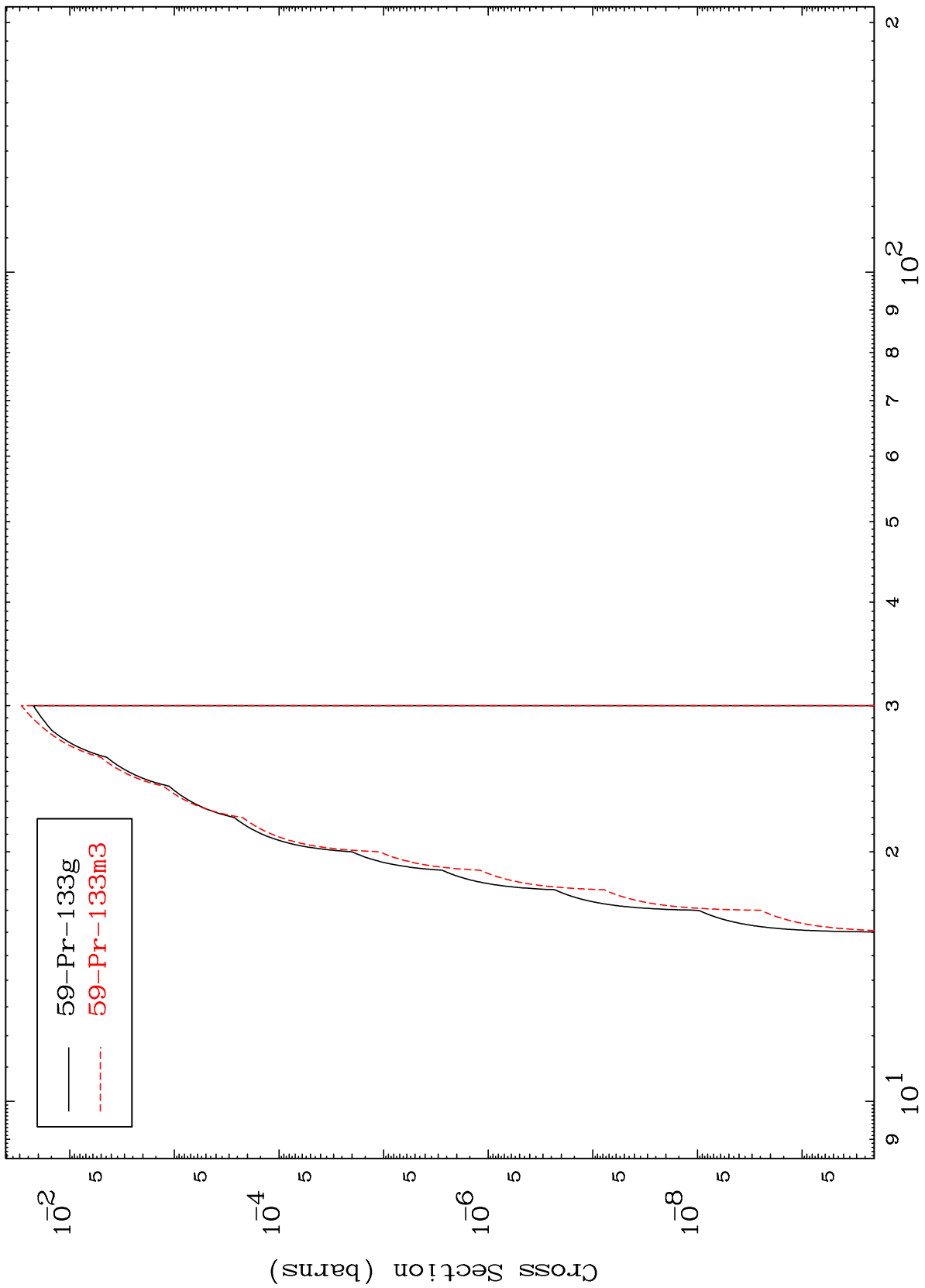
11

MAT 5904

59-Pr-134

(n,n')  $\alpha$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

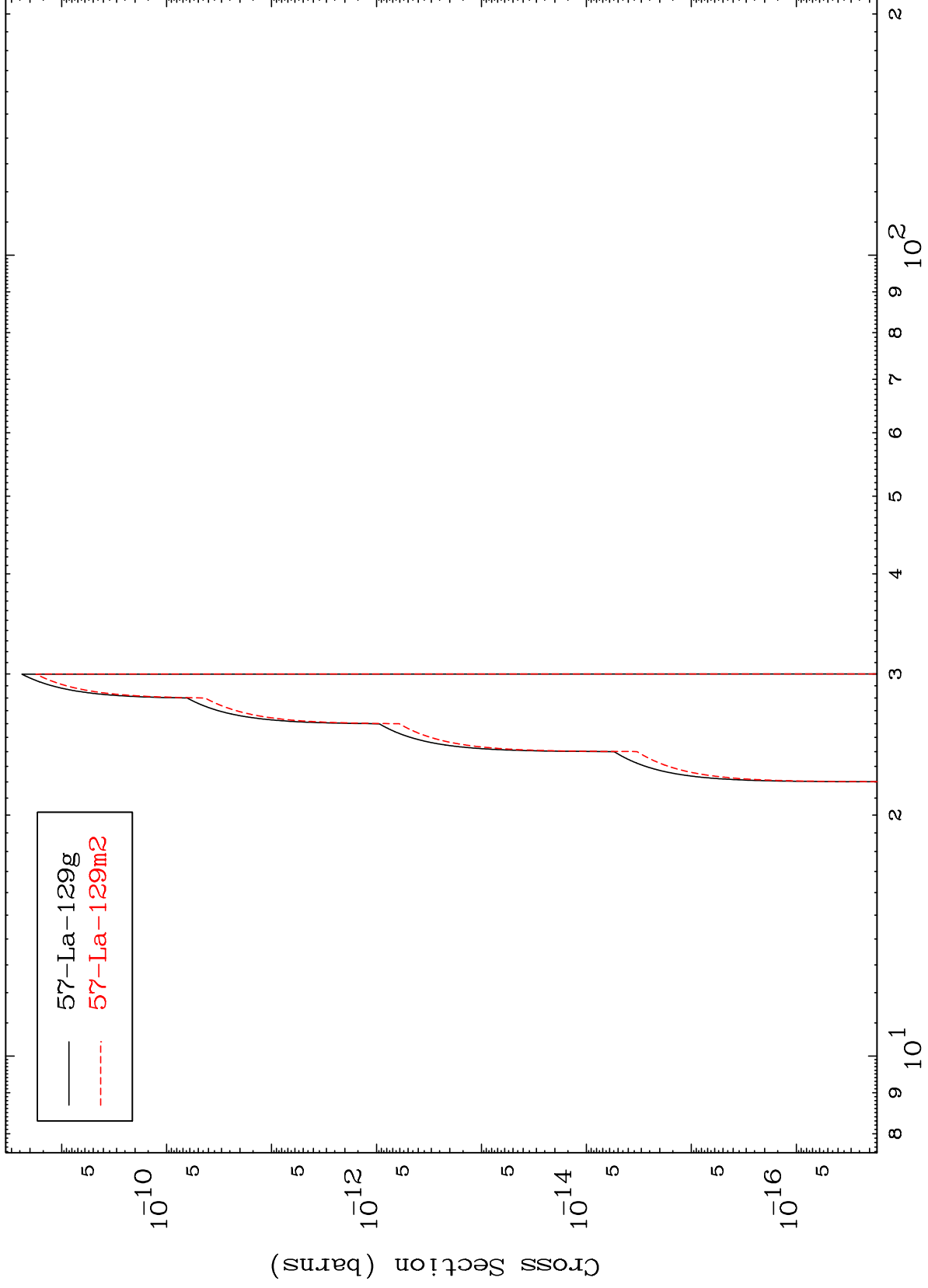
59-Pr-134

MAT 5904

$(n, n')$   $2\alpha$

59-Pr-134

Radionuclide Production Cross Section



13

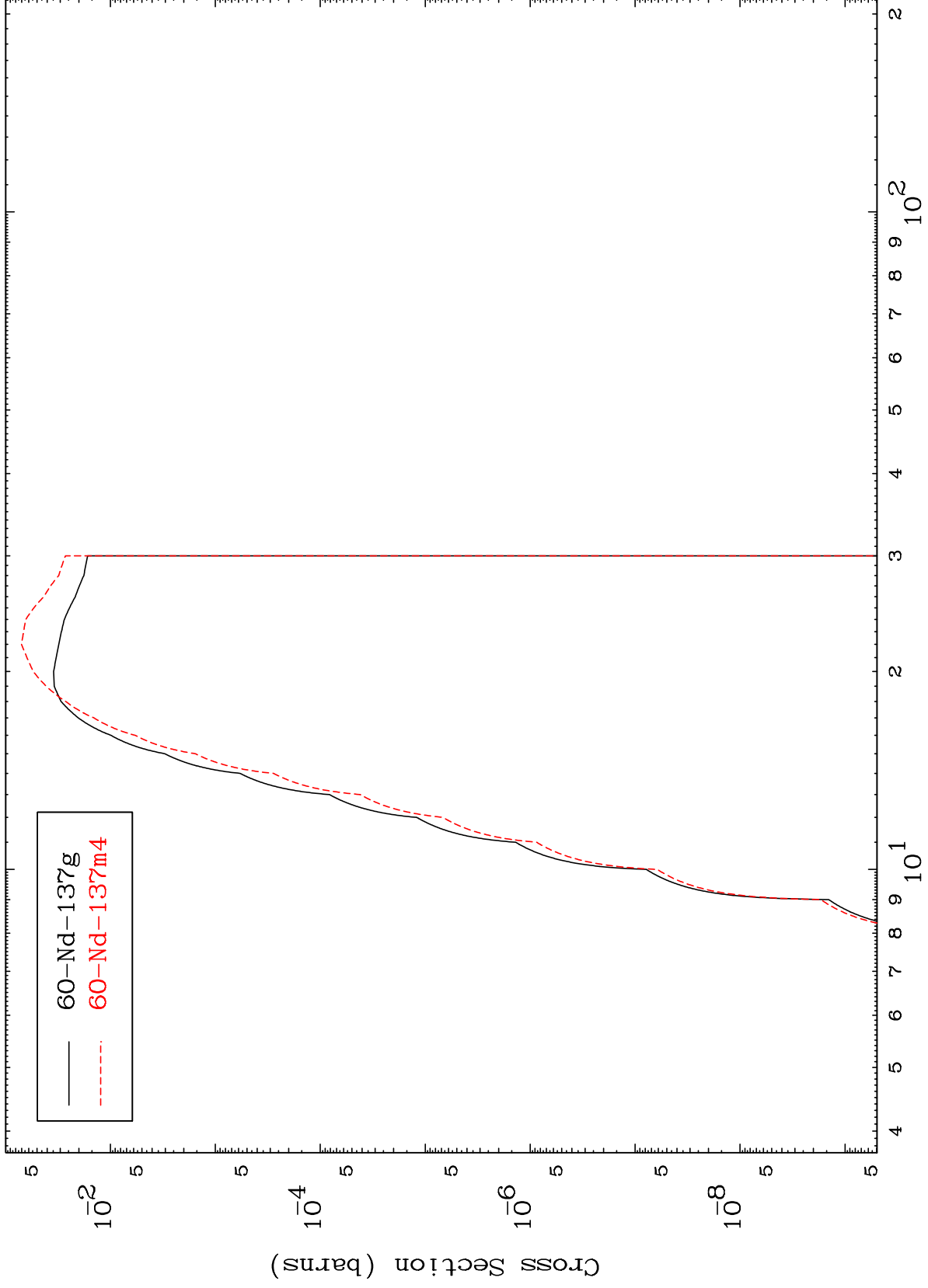
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

(n,p)  
Radionuclide Production Cross Section



14

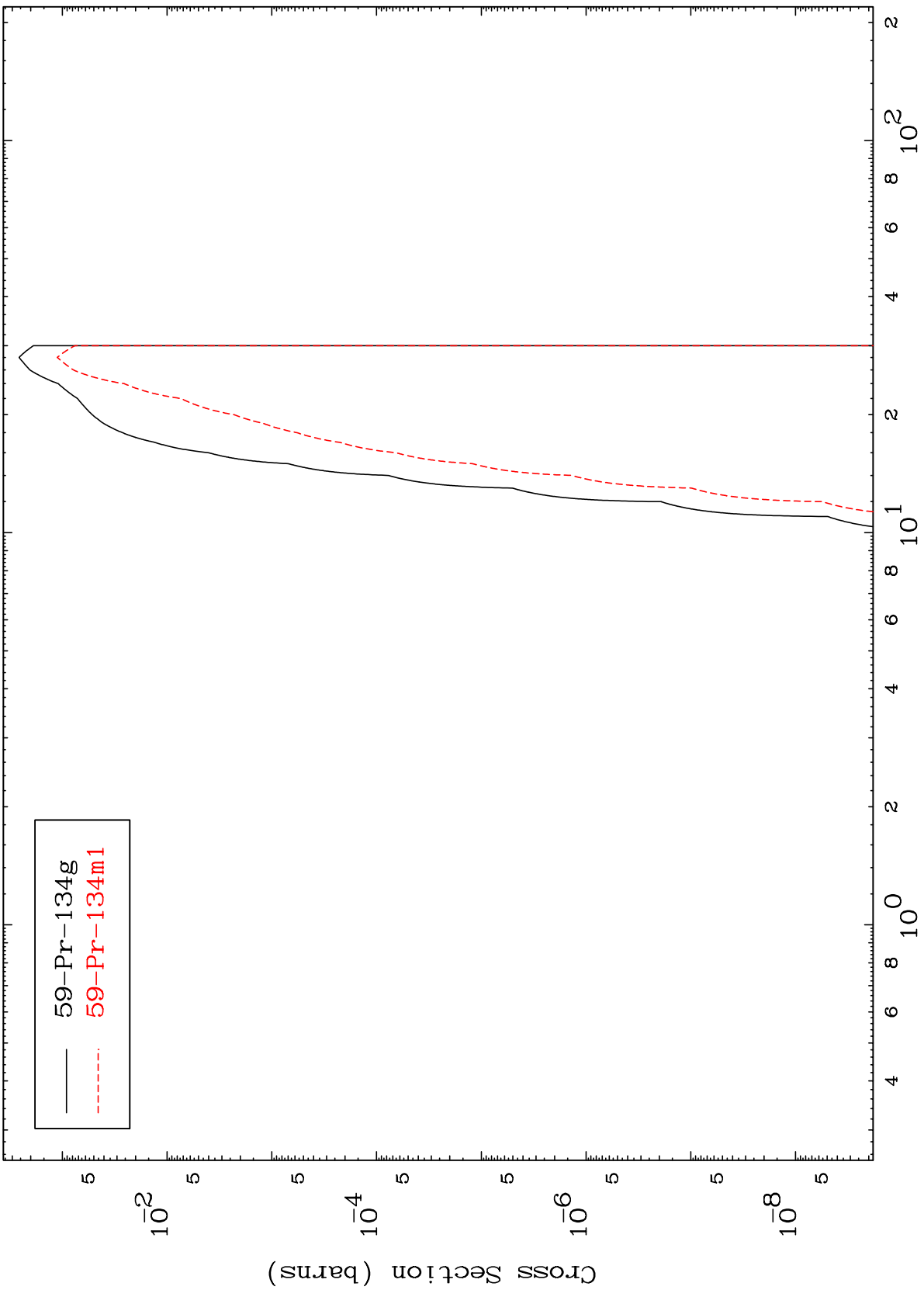
Incident Energy (MeV)

59-Pr-134

MAT 5904

59-Pr-134

Radionuclide Production Cross Section  
(n,  $\alpha$ )



59-Pr-134g  
59-Pr-134m1

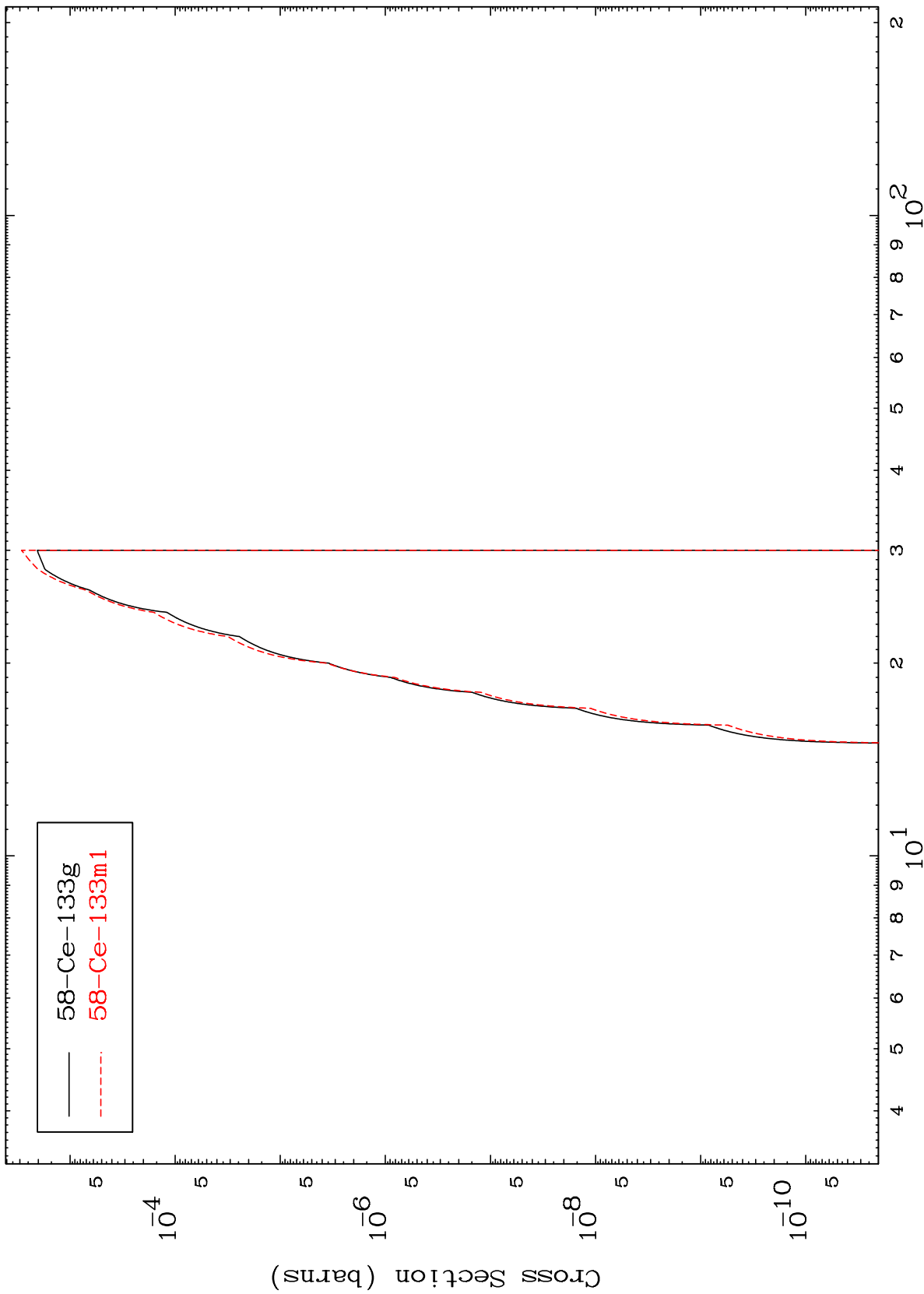


MAT 5904

(n,p)  $\alpha$

59-Pr-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

59-Pr-134