

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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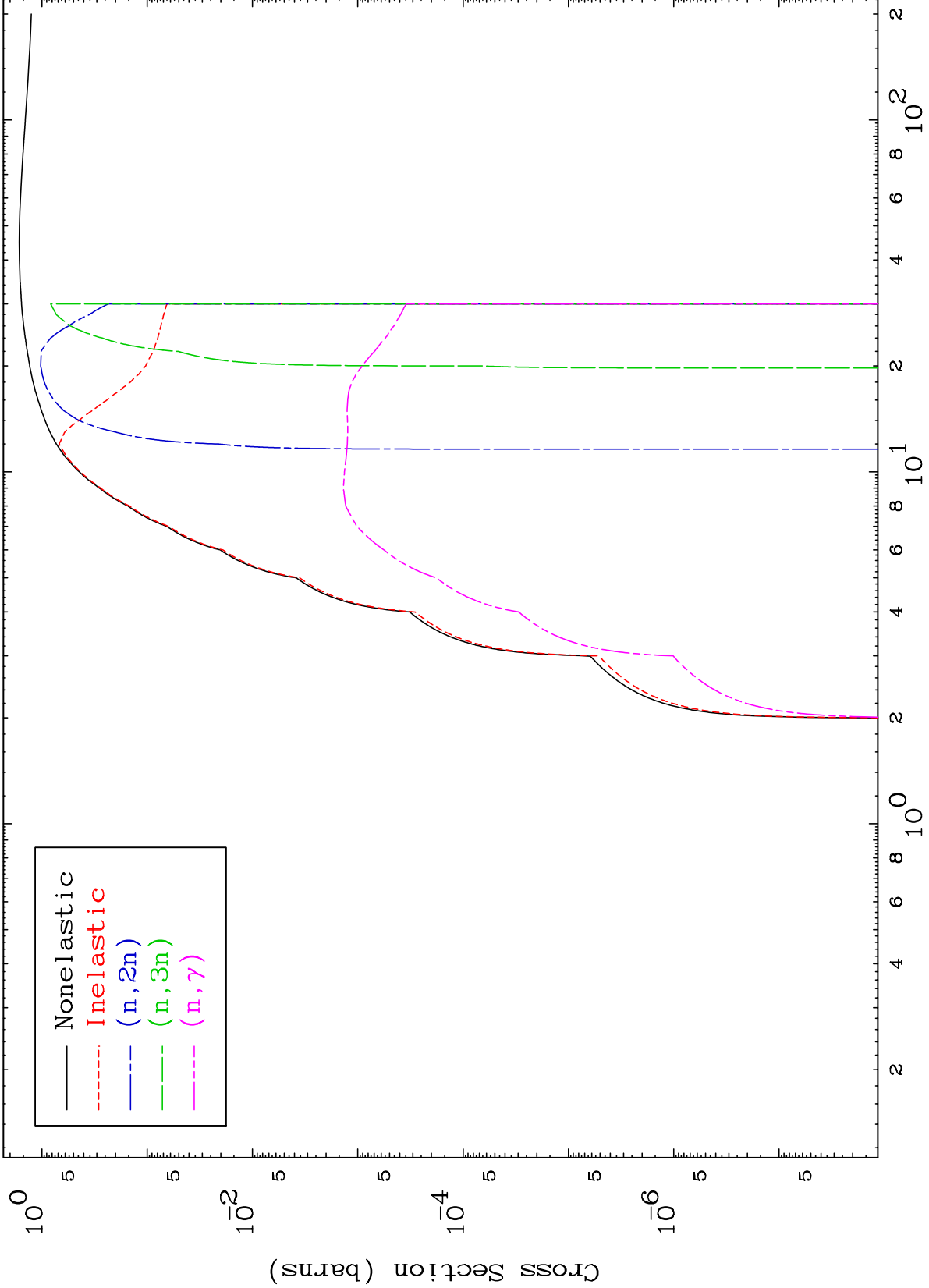
Tele: 925-443-1911

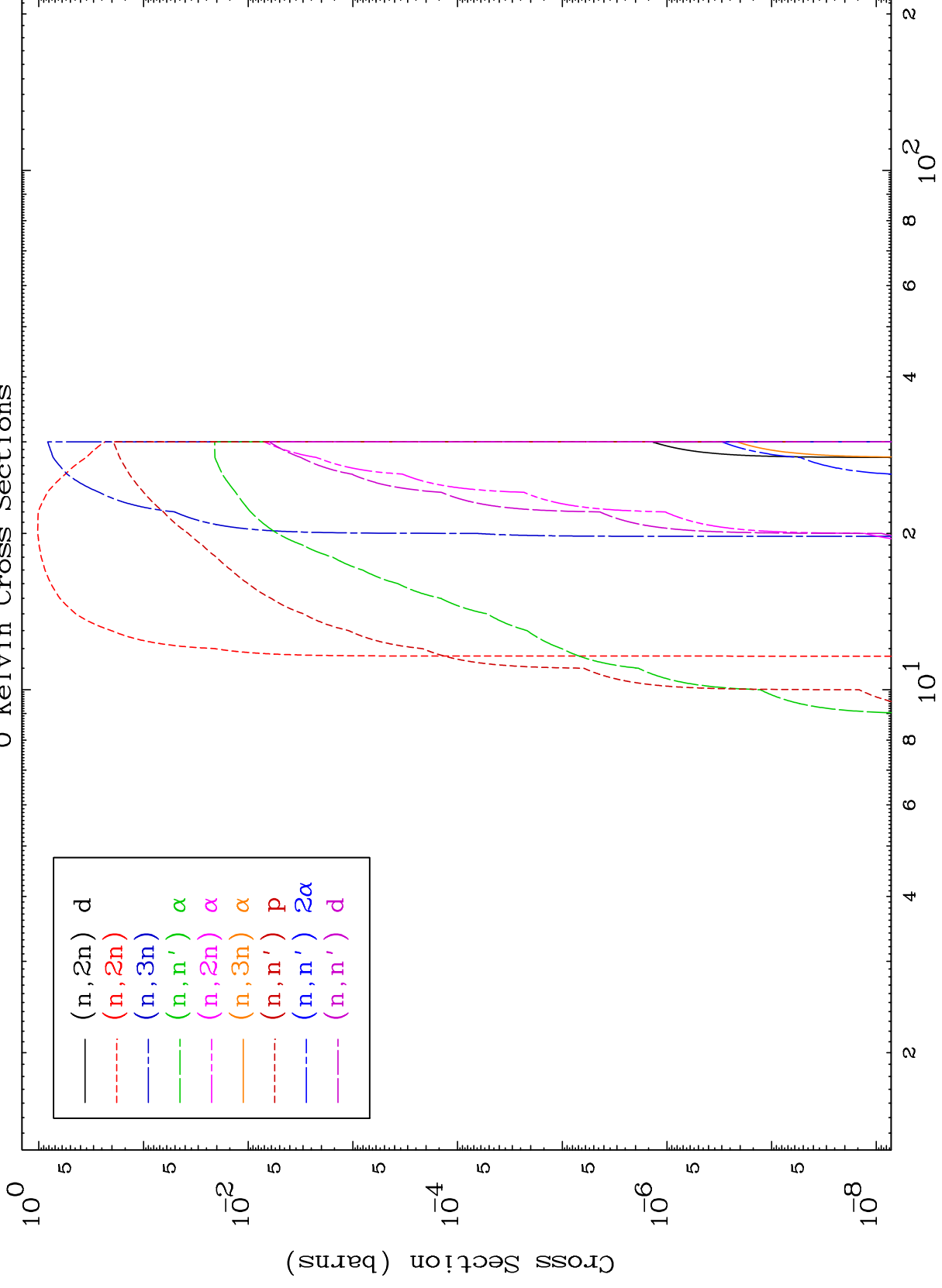
E.Mail:redcullen1@comcast.net

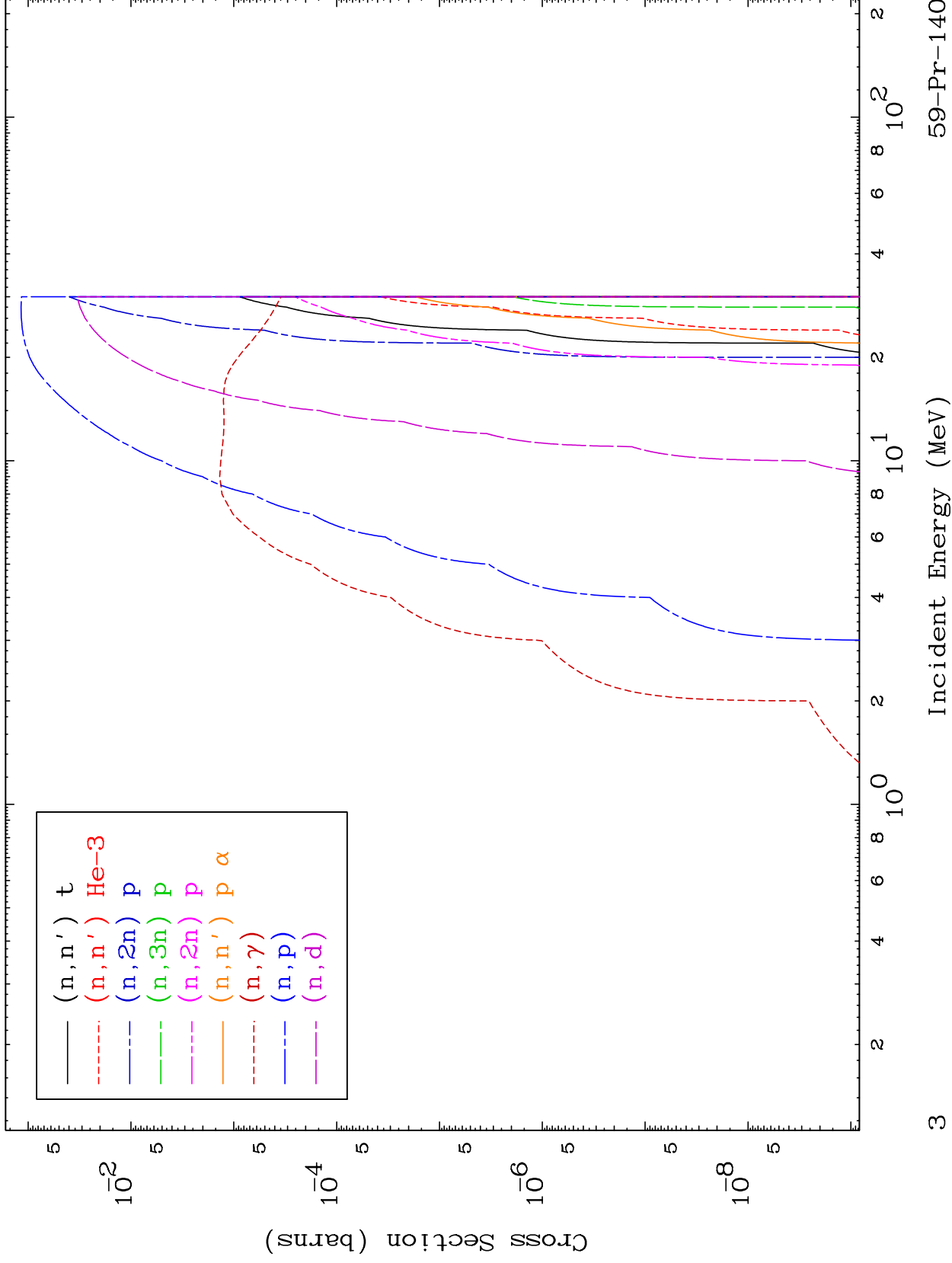
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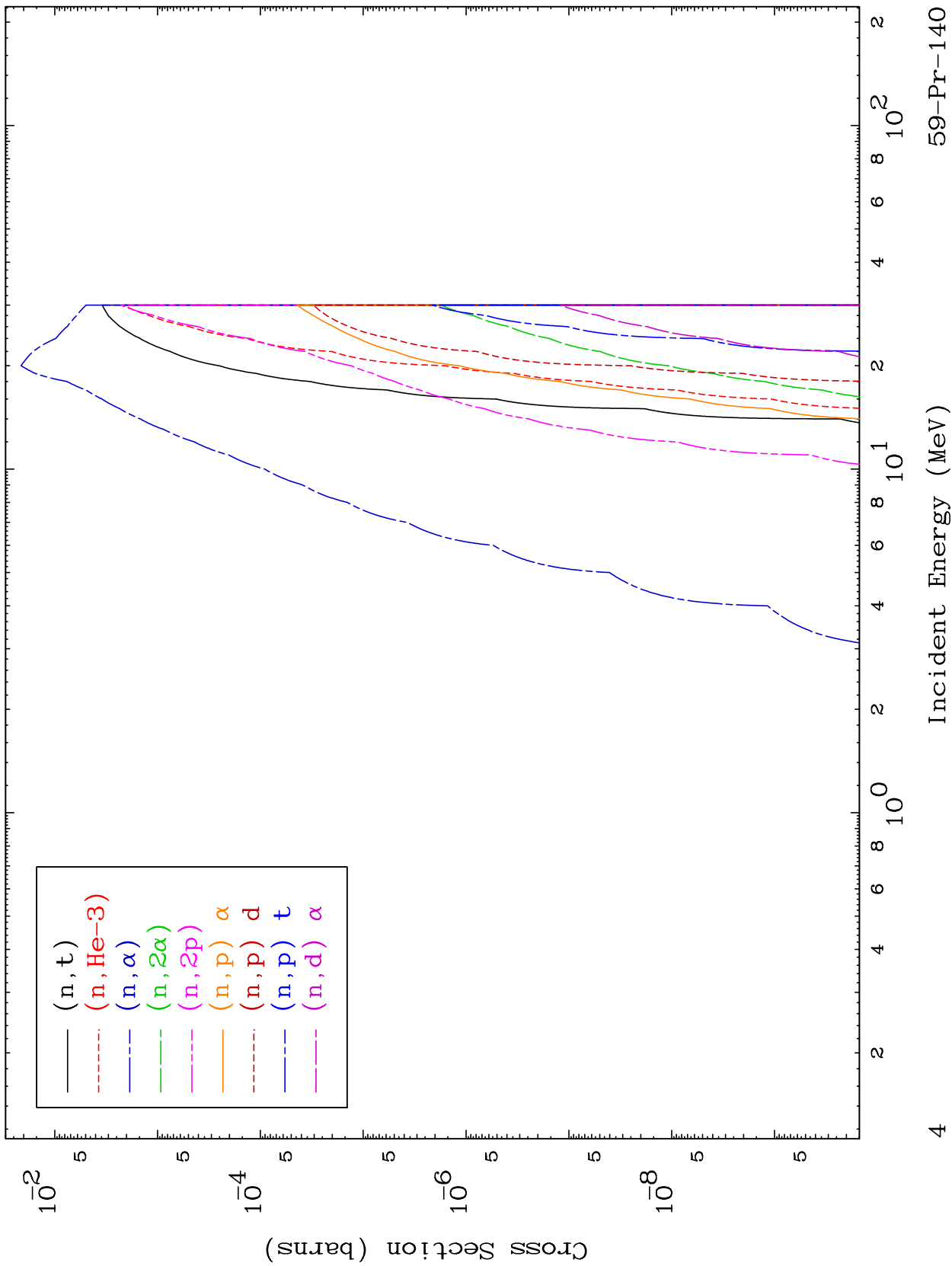
Press Mouse Button to Start

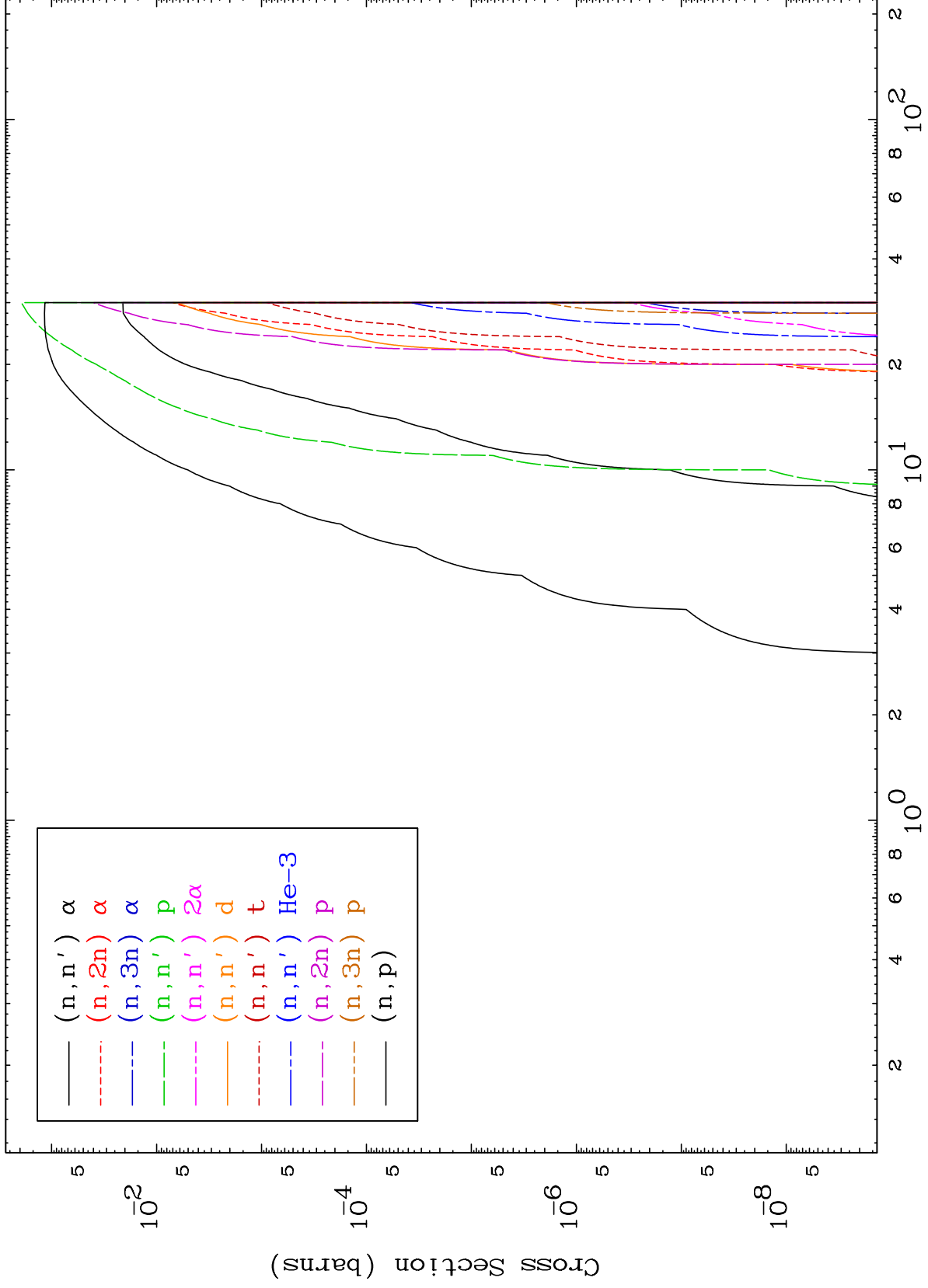
0 Kelvin Cross Sections

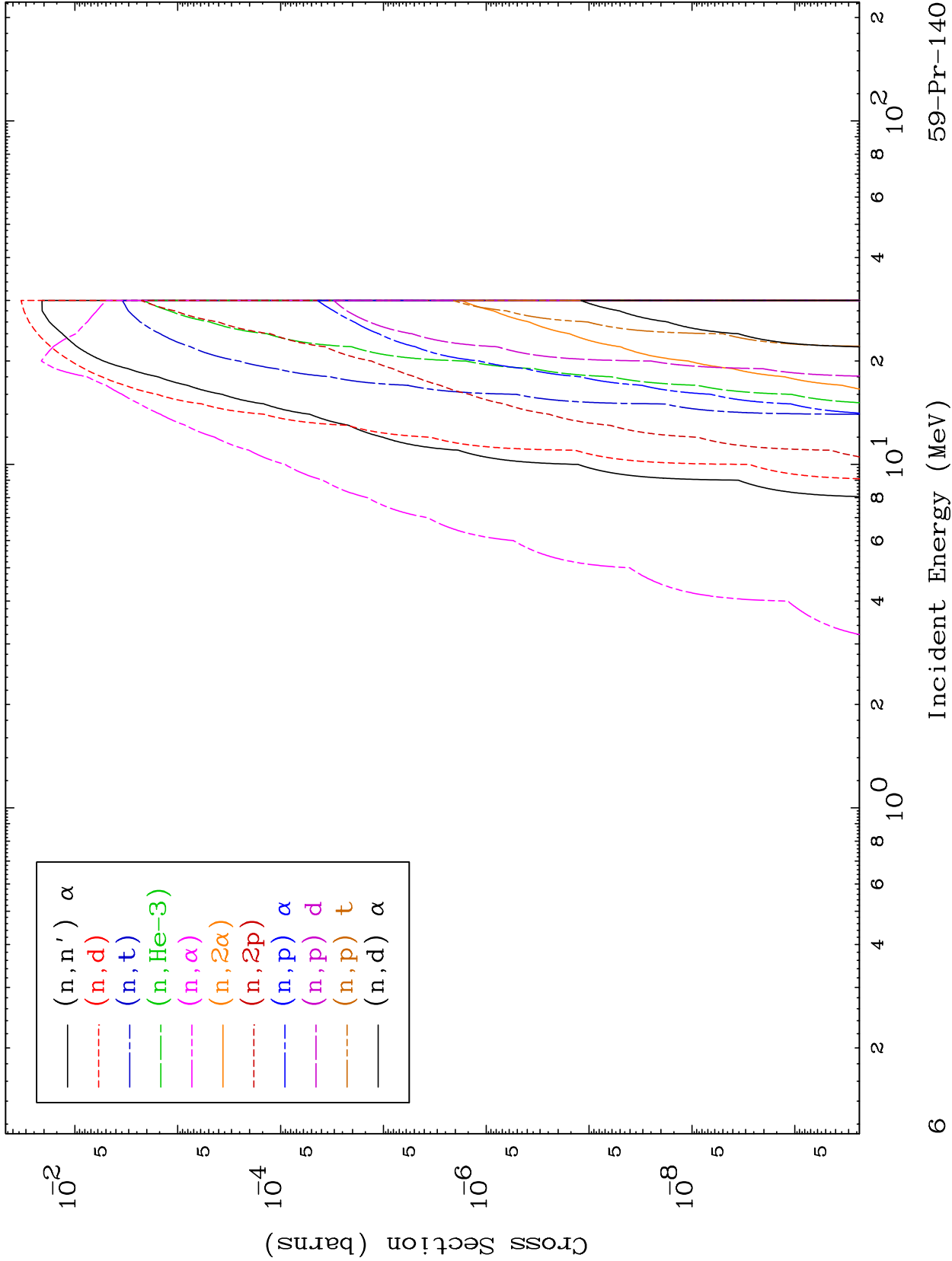








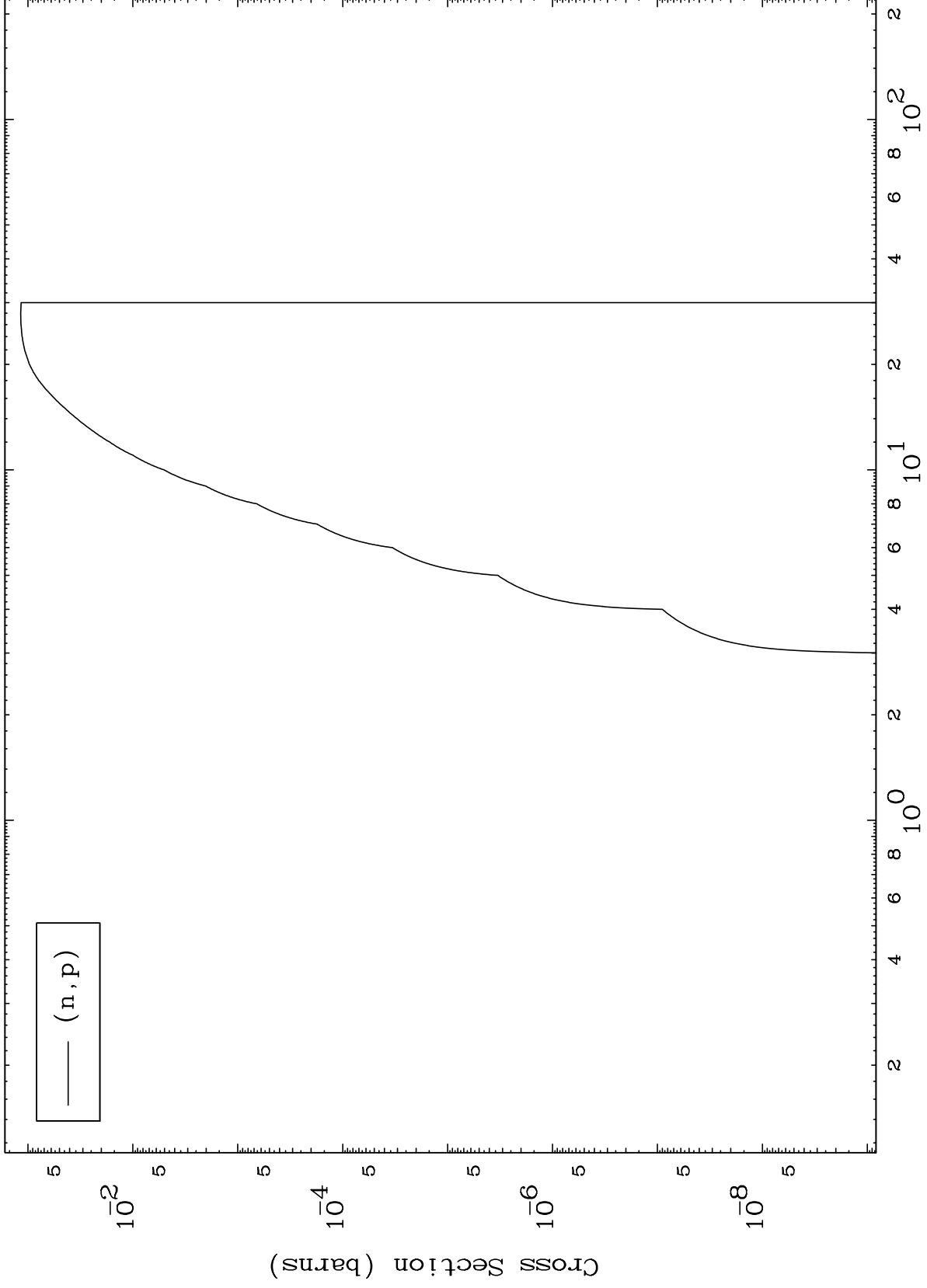


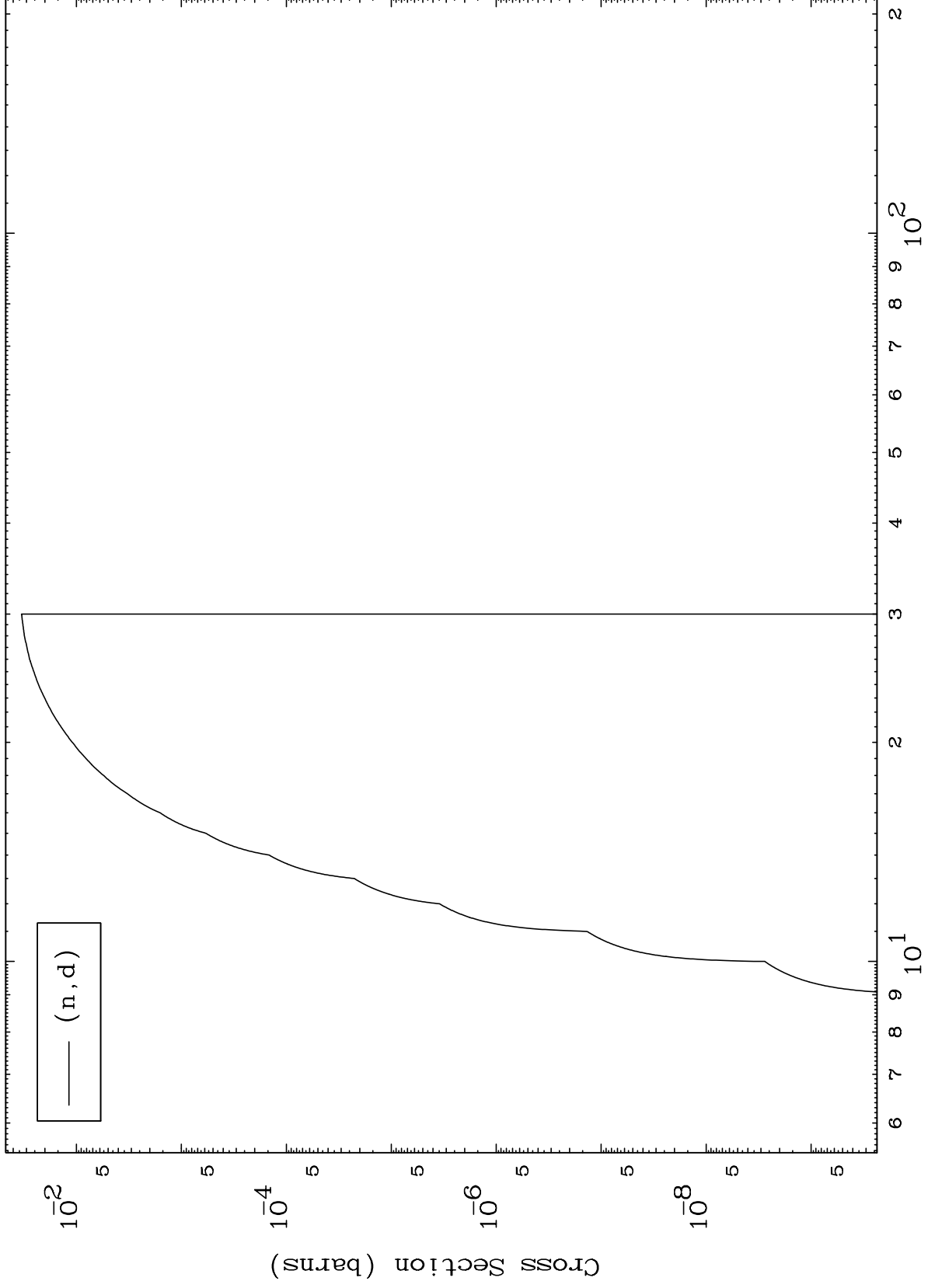


MAT 5922

(p,p) Levels
0 Kelvin Cross Sections

59-Pr-140

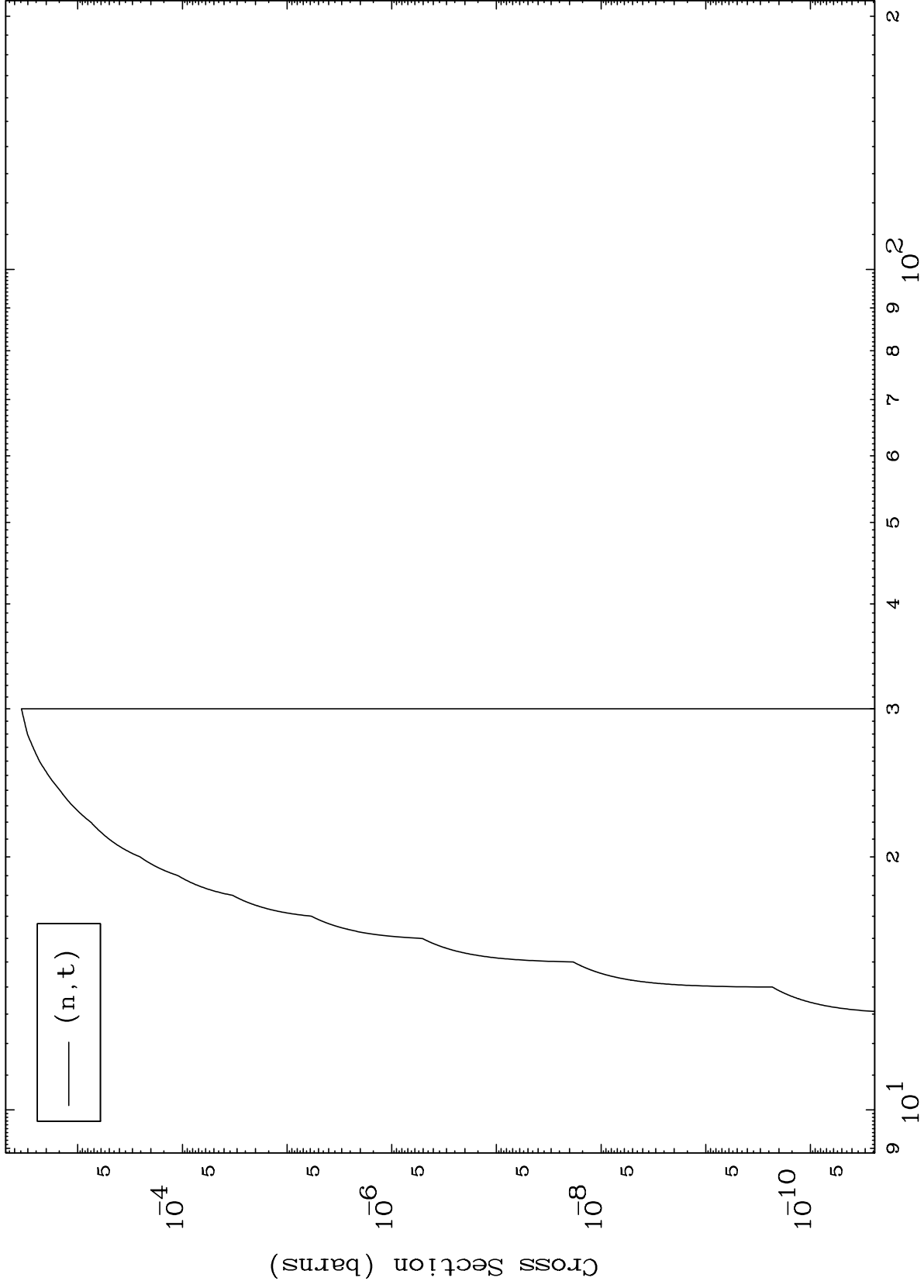




MAT 5922

(p,t) Levels
0 Kelvin Cross Sections

59-Pr-140



9

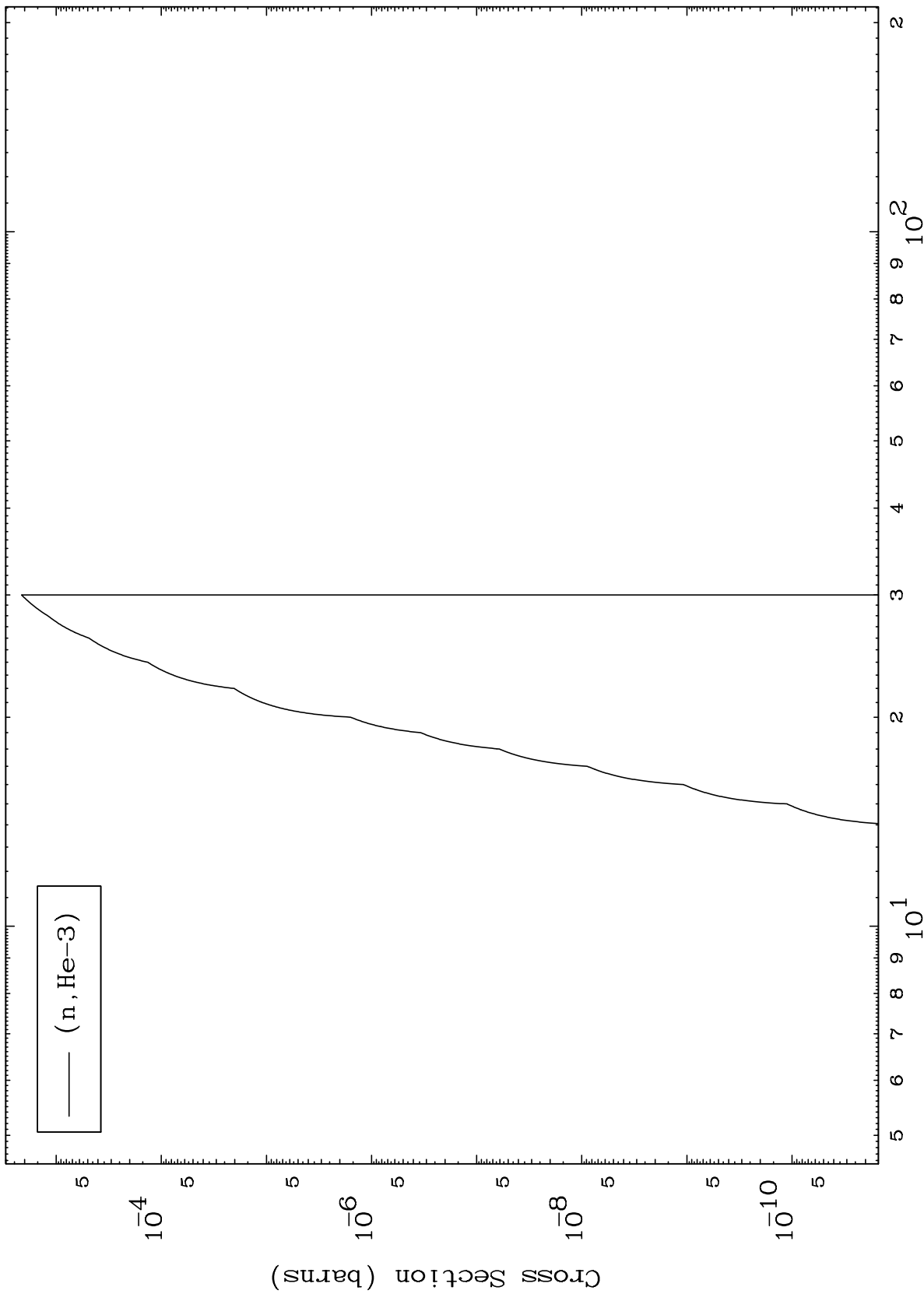
Incident Energy (MeV)

59-Pr-140

MAT 5922

59-Pr-140

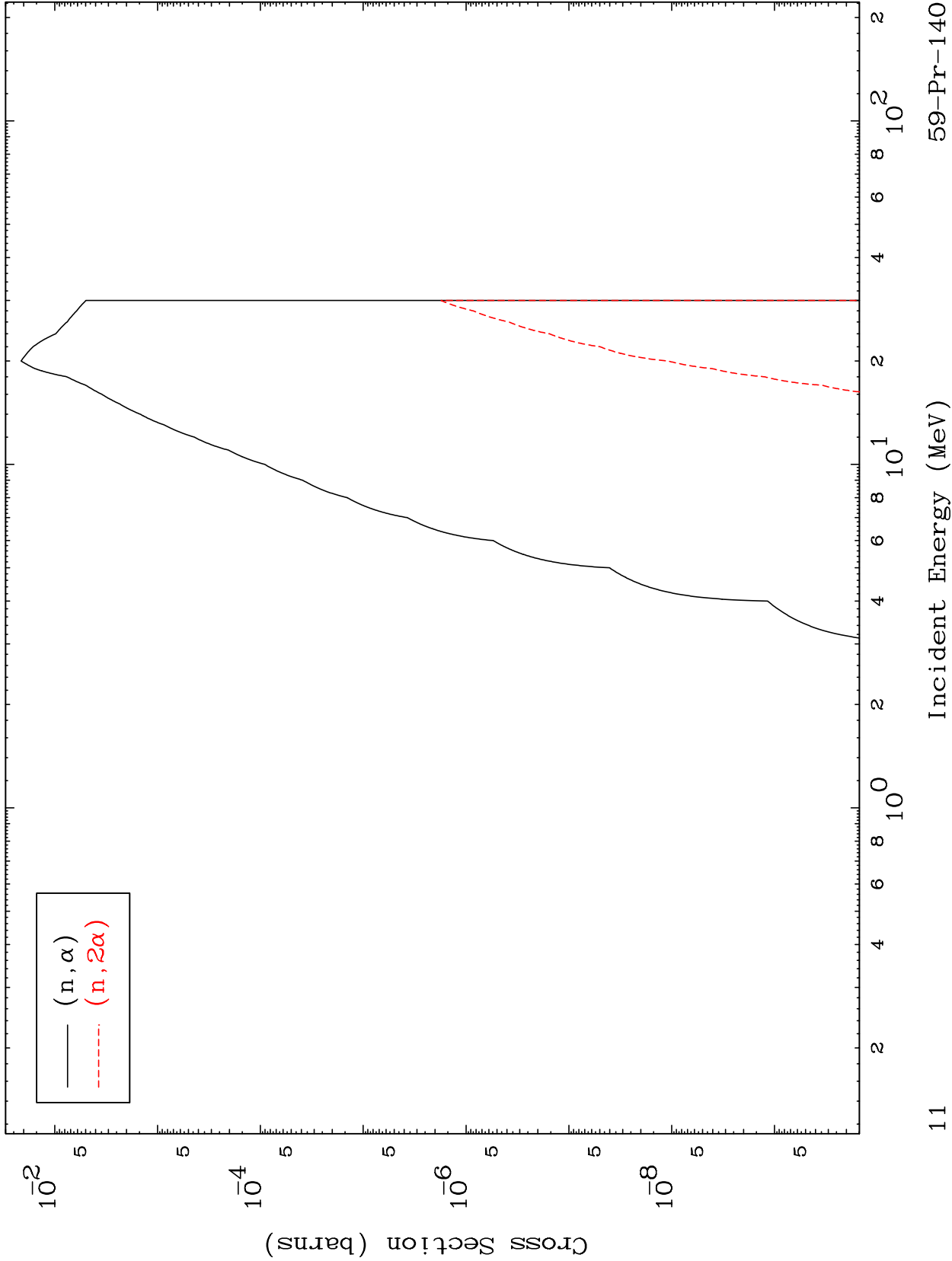
(p,He3) Levels
0 Kelvin Cross Sections



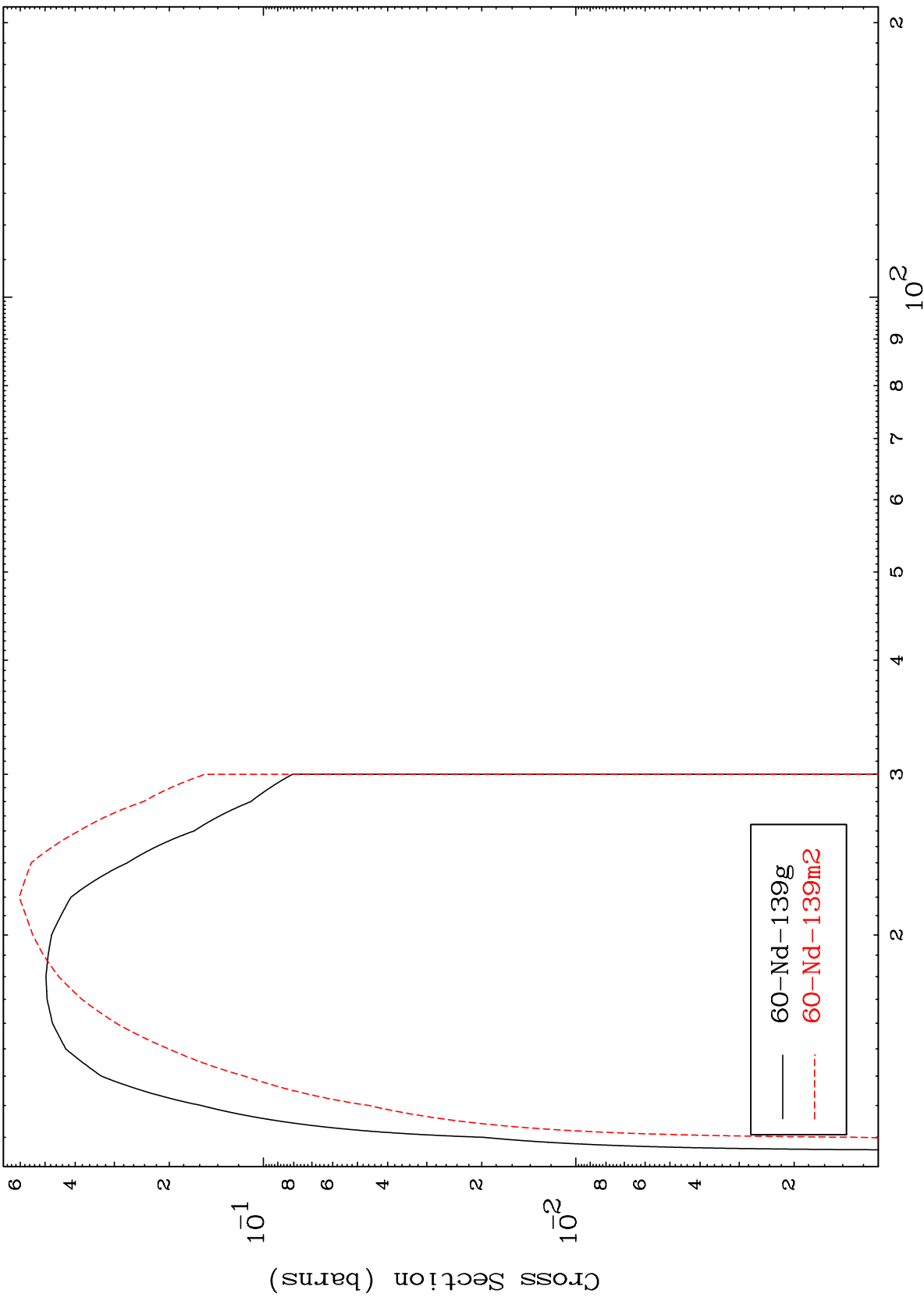
59-Pr-140

Incident Energy (MeV)

10



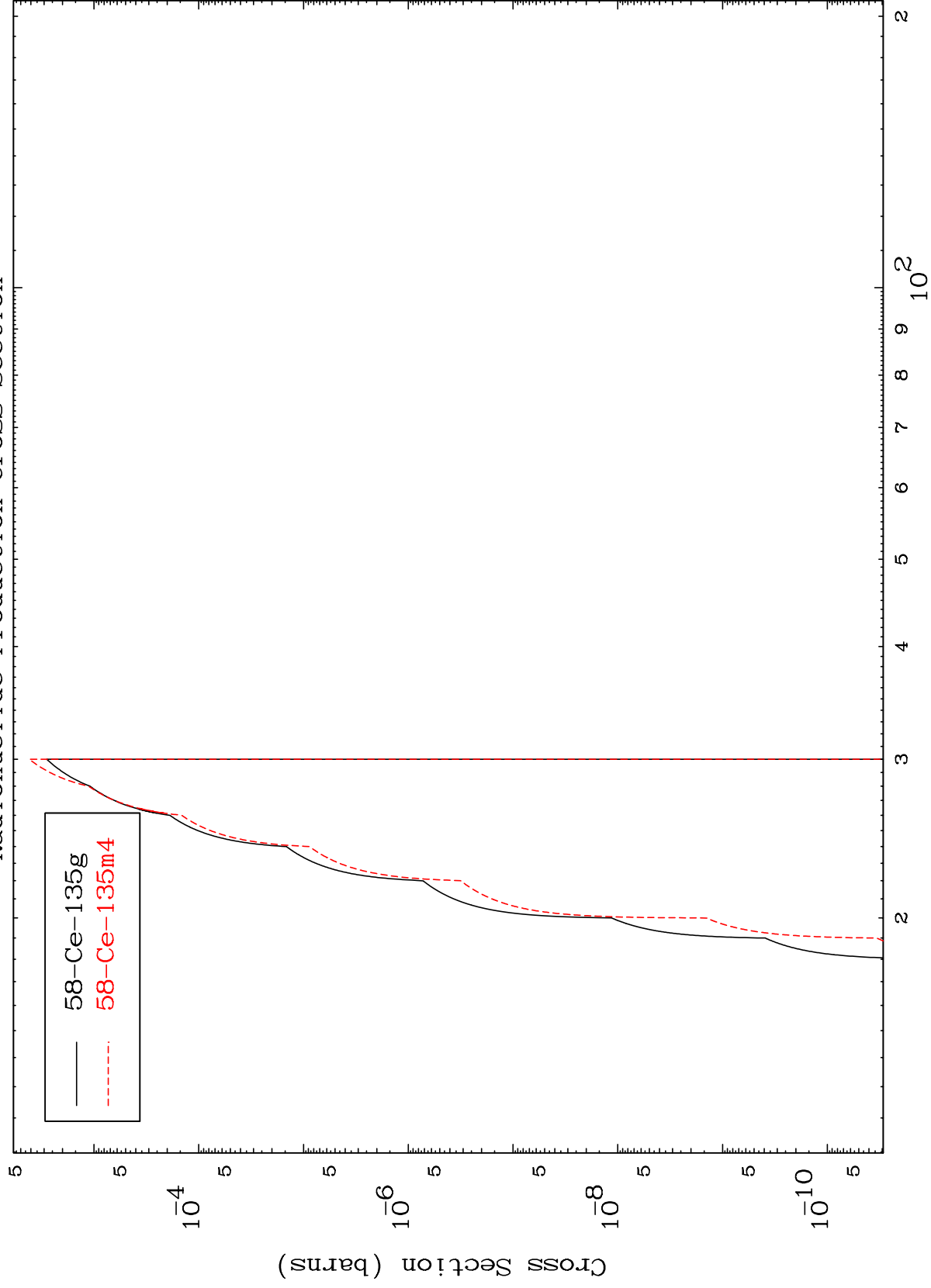
(n,2n)
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

(n,2n) α
Radionuclide Production Cross Section



59-Pr-140

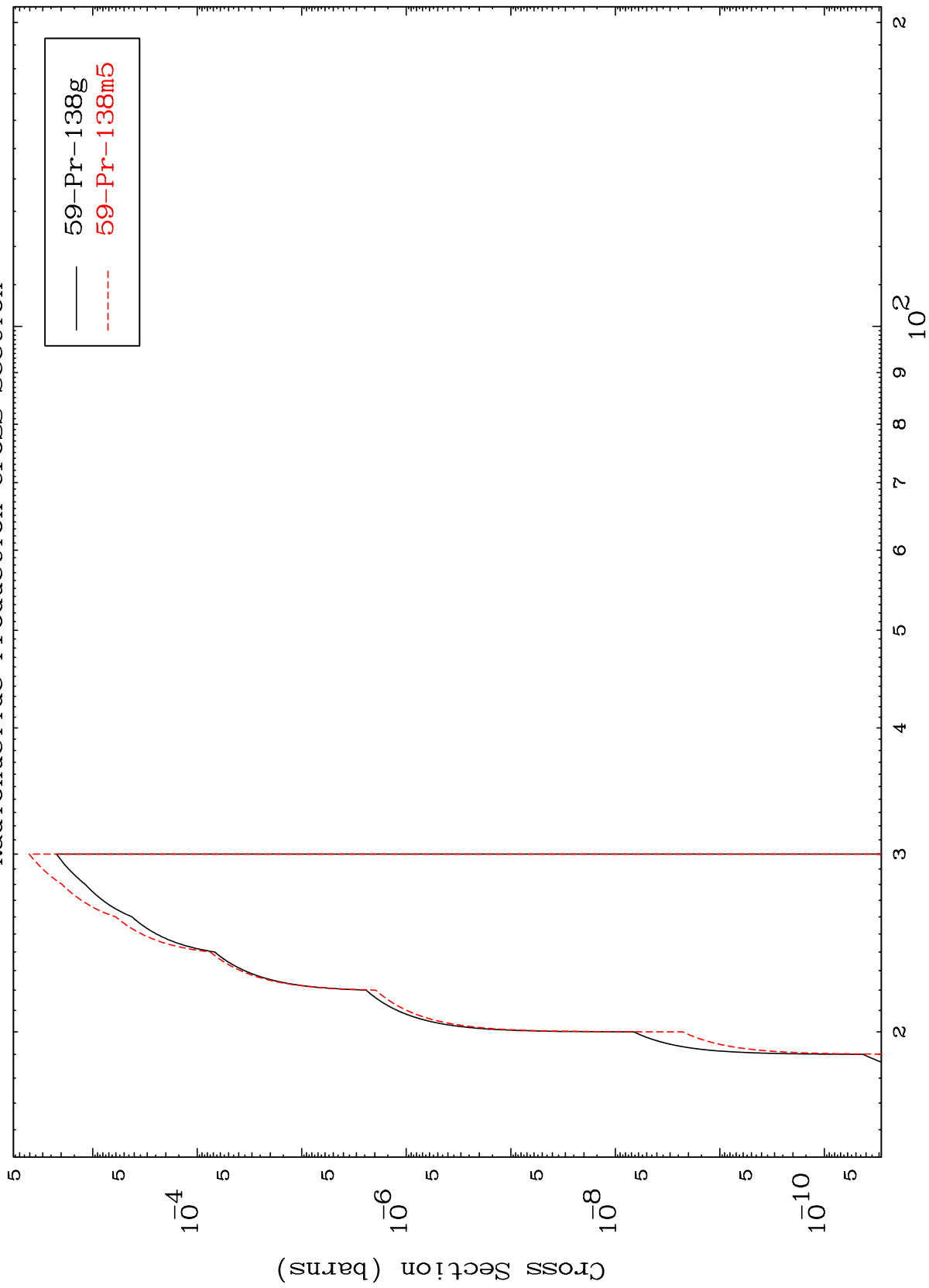
Incident Energy (MeV)

13

MAT 5922

59-Pr-140

(n, n') d
Radionuclide Production Cross Section

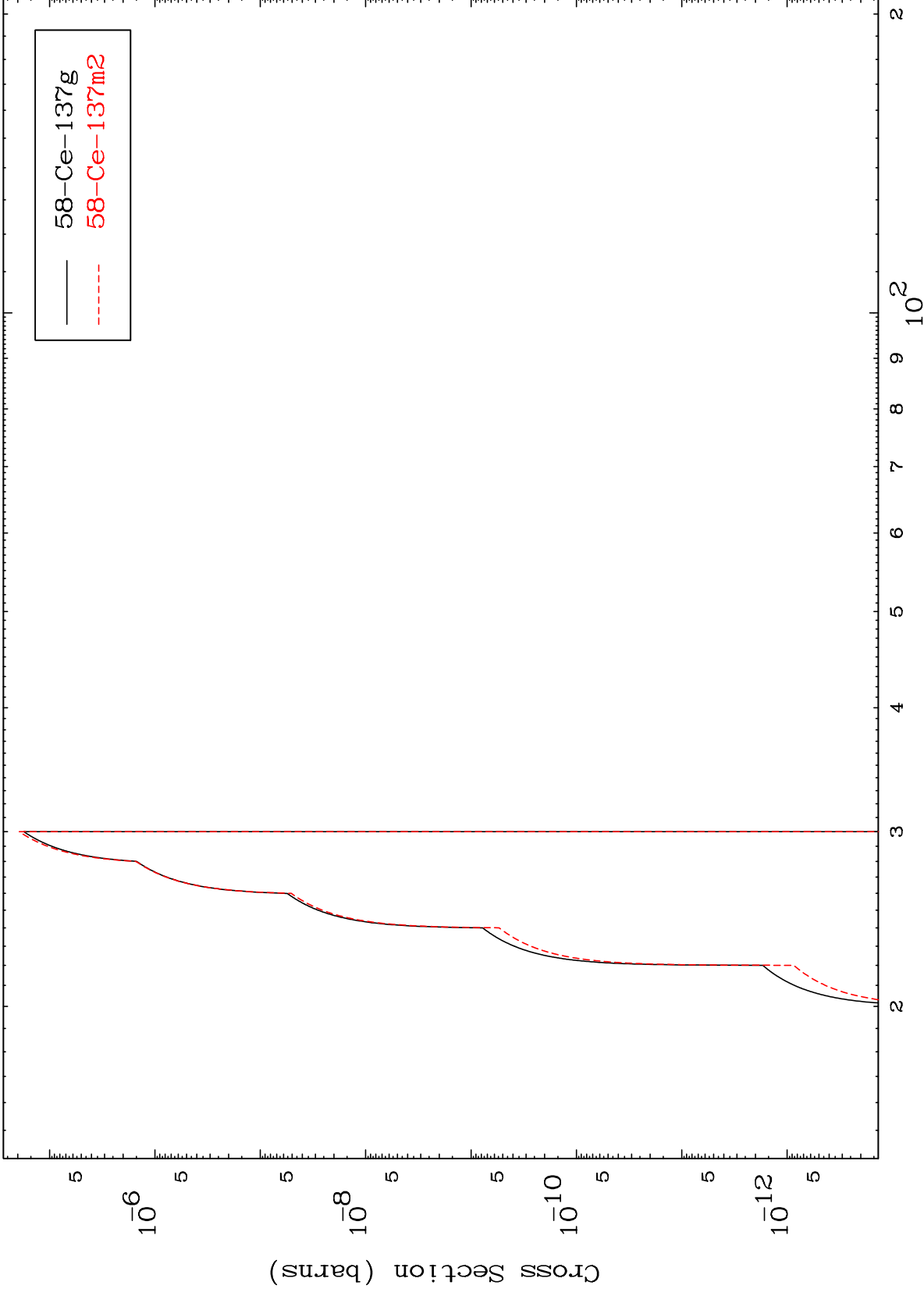


59-Pr-140

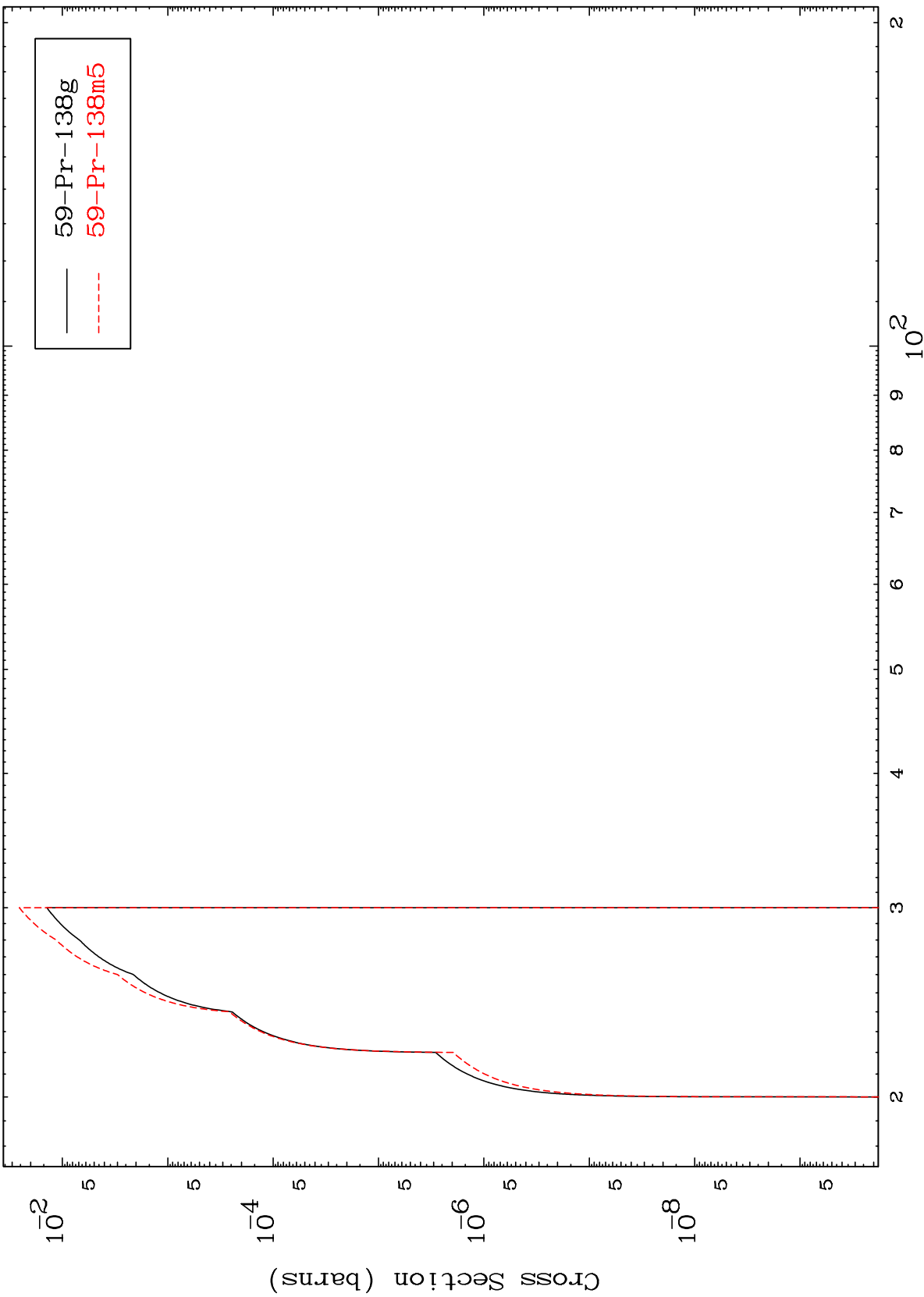
Incident Energy (MeV)

14

Radionuclide Production Cross Section



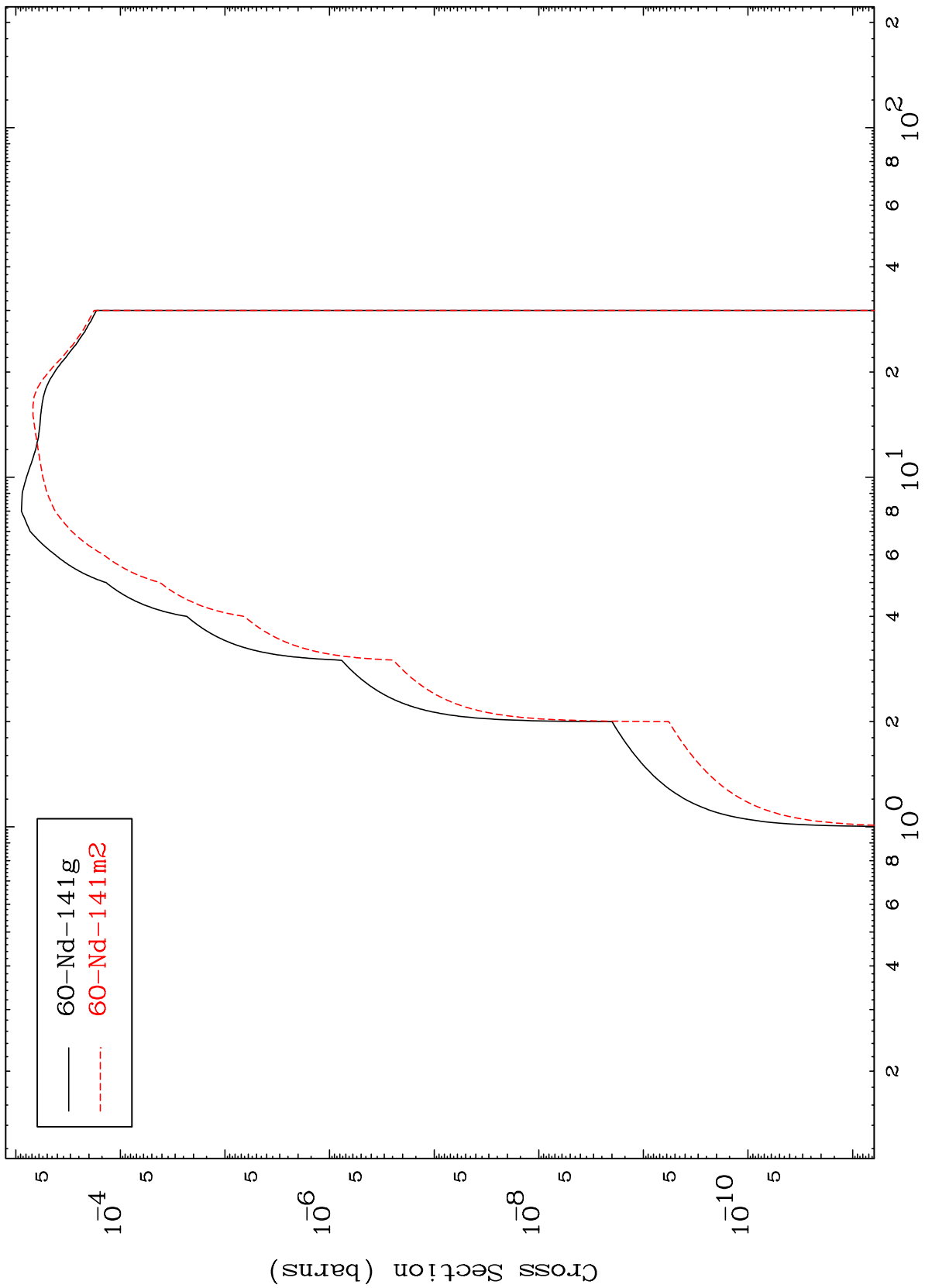
(n,2n) p
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

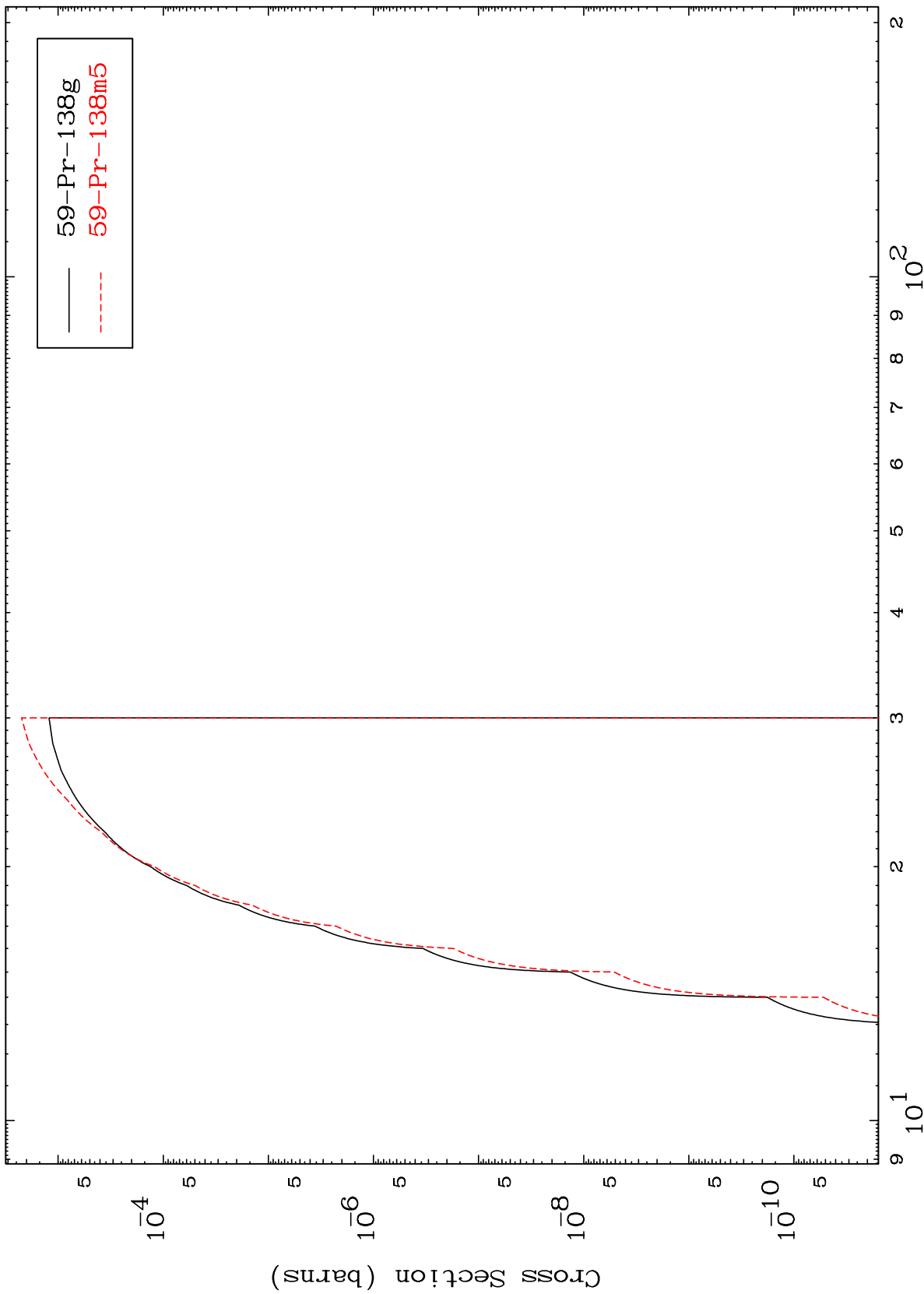
(n, γ)
Radionuclide Production Cross Section



MAT 59222

59-Pr-140

(n,t)
Radionuclide Production Cross Section



59-Pr-140

Incident Energy (MeV)

18

10^1

10^{-10}

10^{-8}

10^{-6}

10^{-4}

5

5

5

5

10^2

2

3

4

5

6

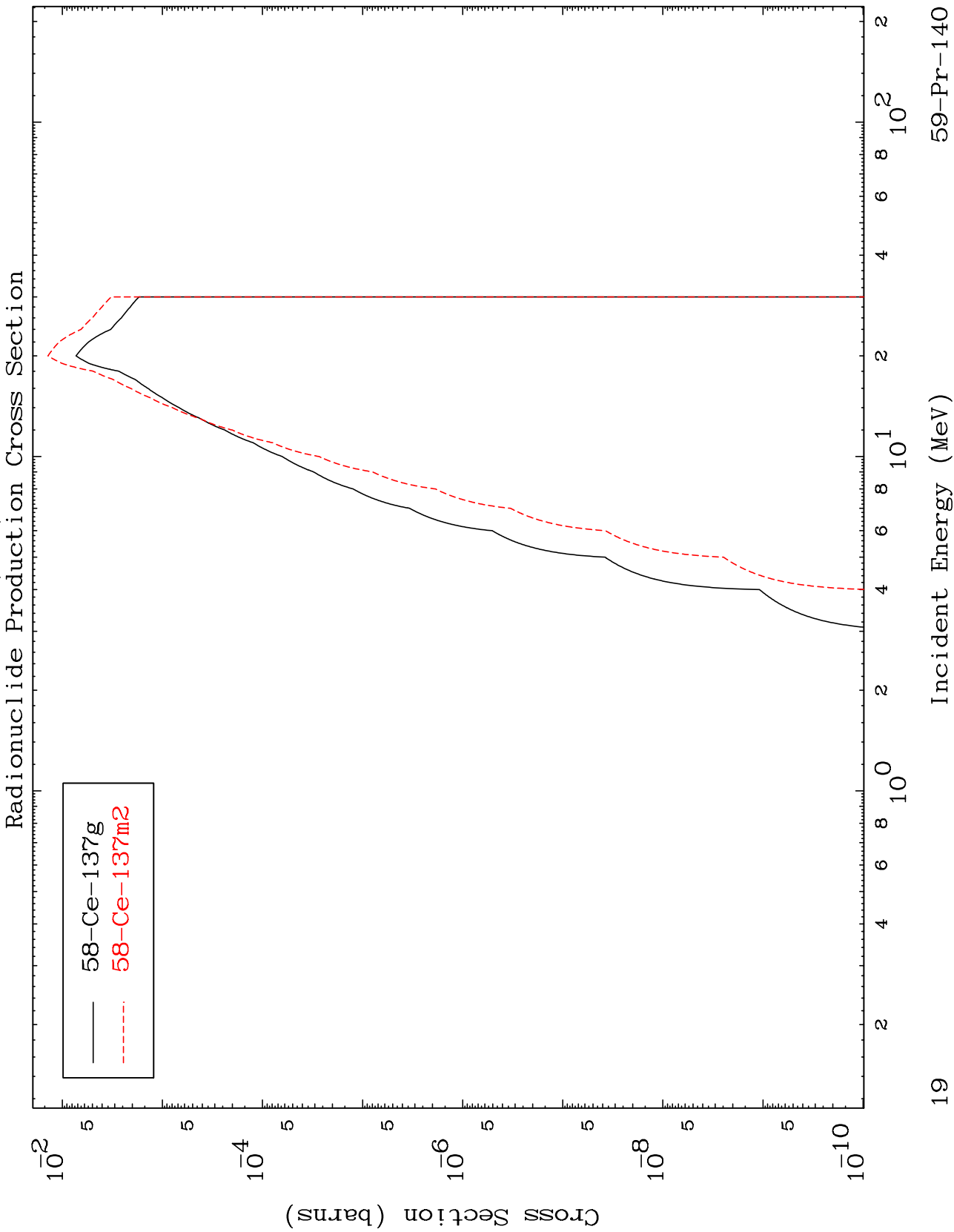
7

8

9

MAT 5922

59-Pr-140

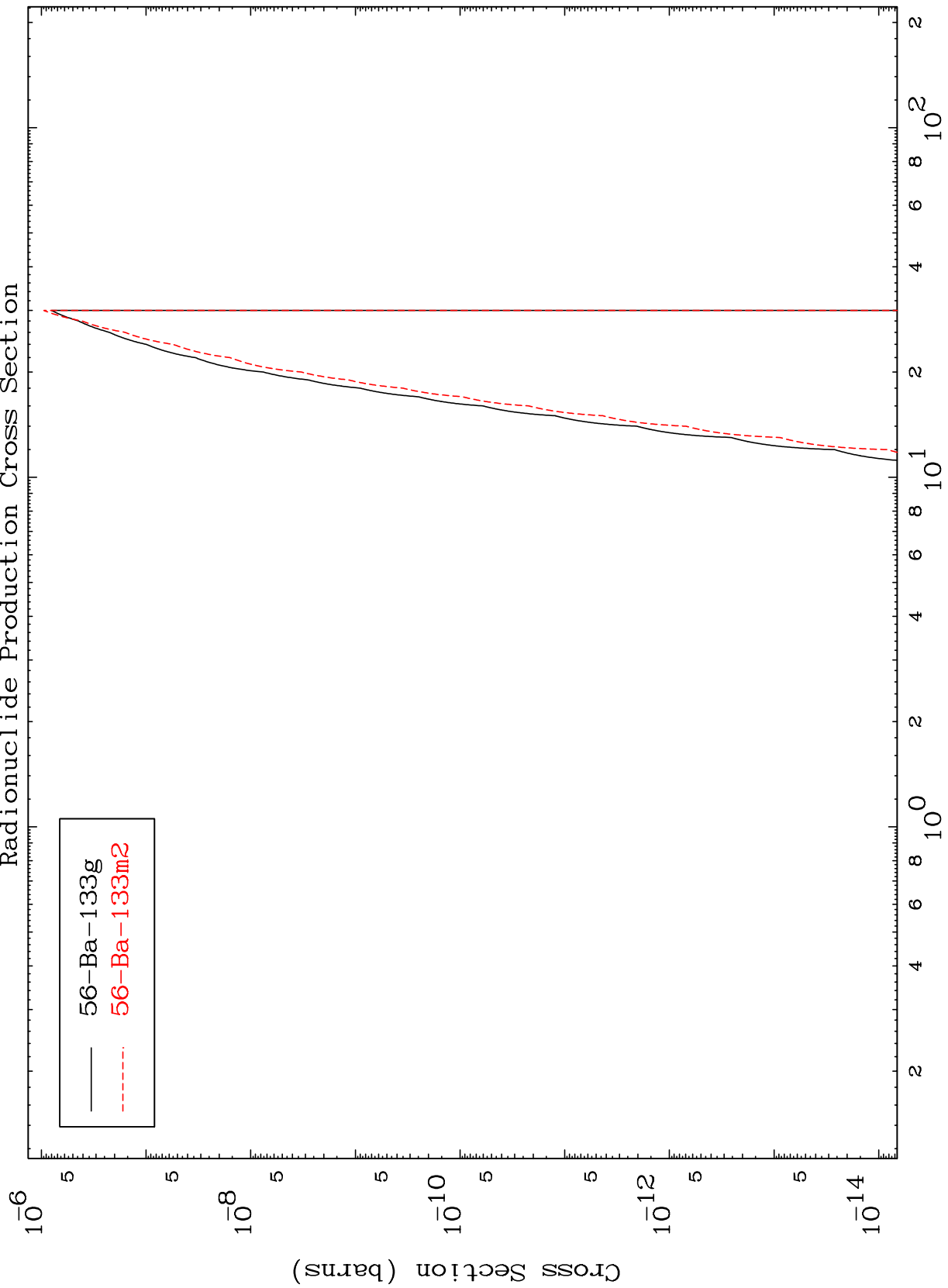


MAT 5922

59-Pr-140

(n,2α)

Radionuclide Production Cross Section



— 56-Ba-133g
- - - 56-Ba-133m2

59-Pr-140

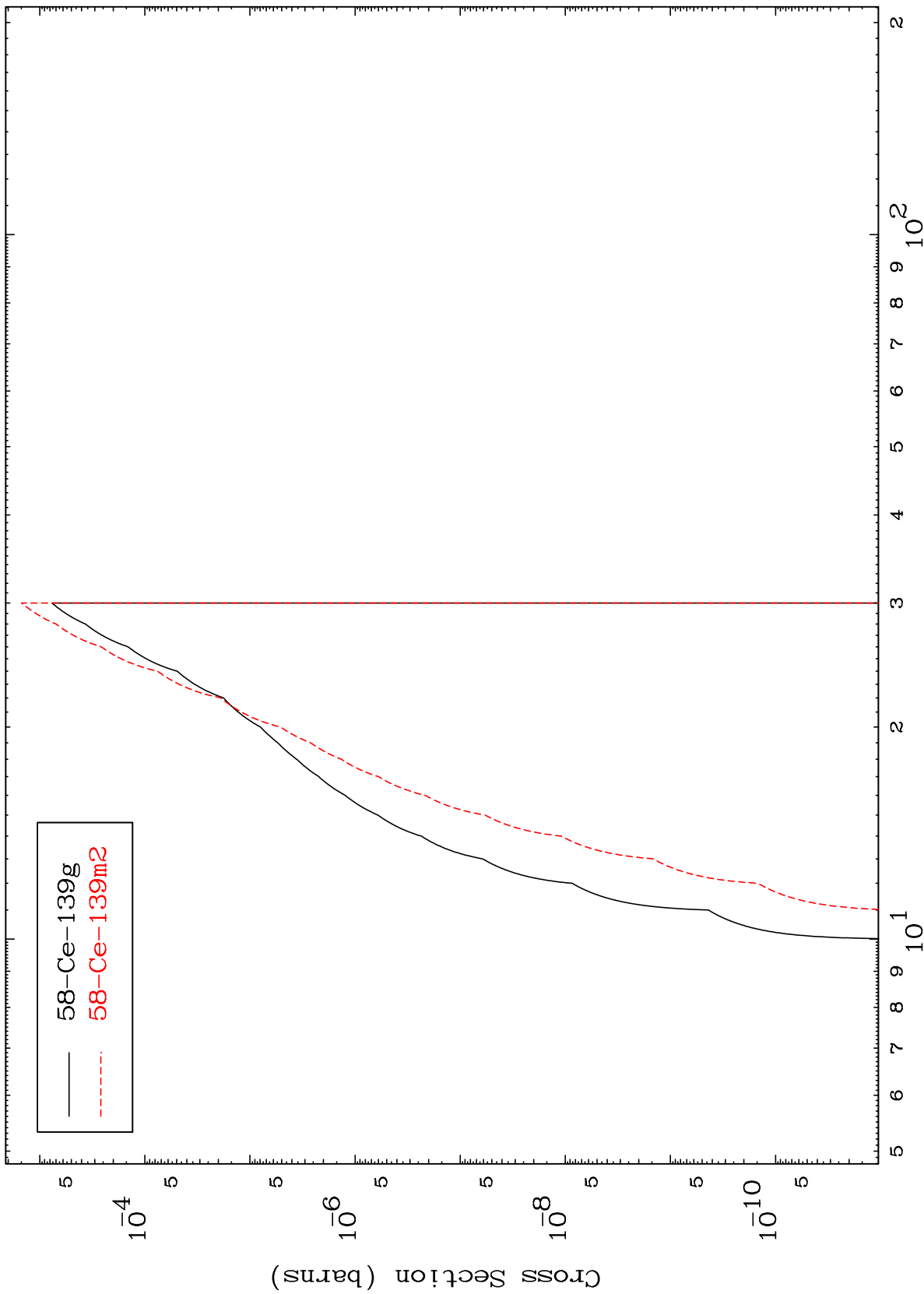
Incident Energy (MeV)

20

MAT 5922

59-Pr-140

(n,2p)
Radionuclide Production Cross Section

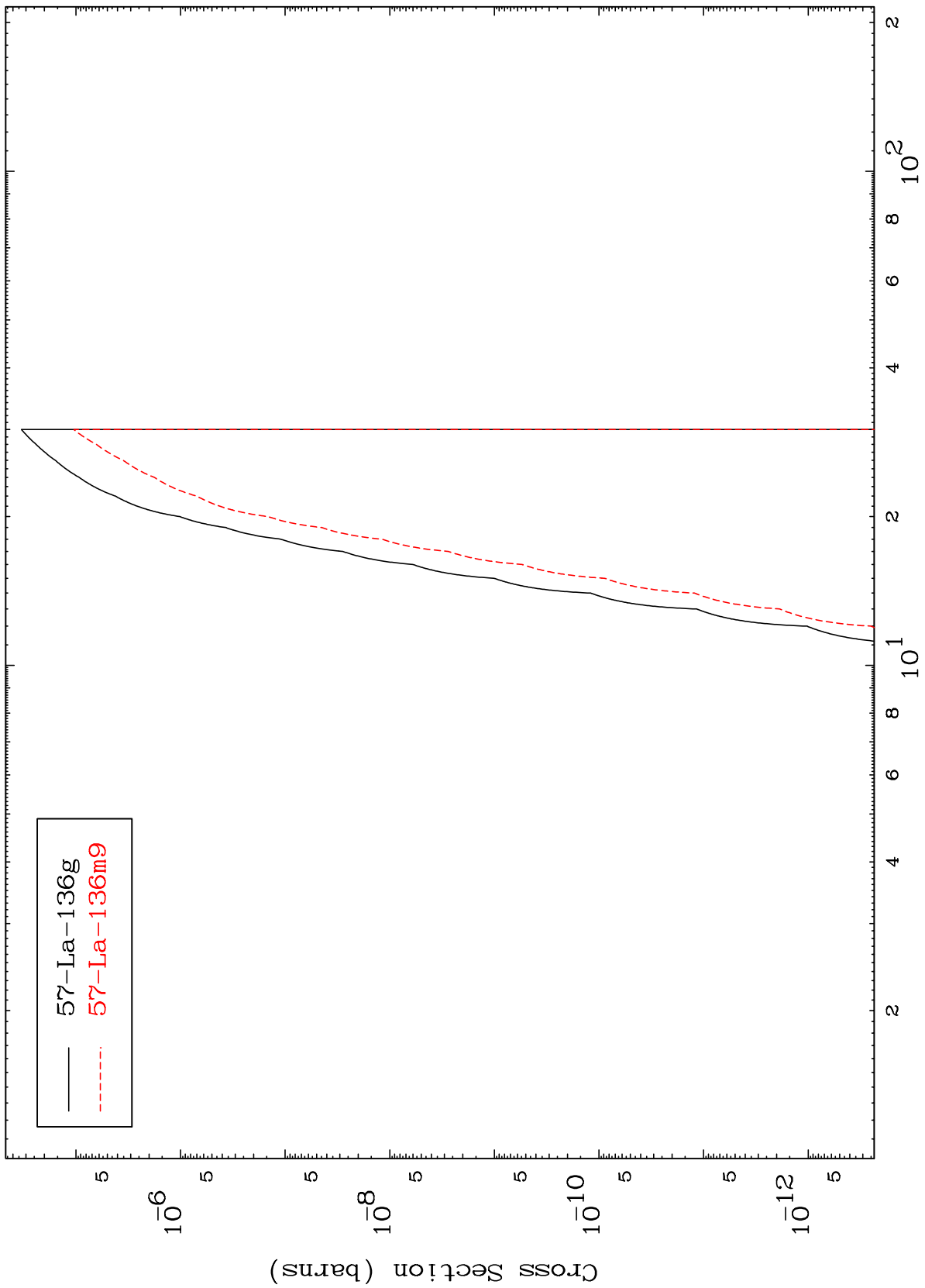


21

Incident Energy (MeV)

59-Pr-140

Radionuclide Production Cross Section



57-La-136g
57-La-136m9

