

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

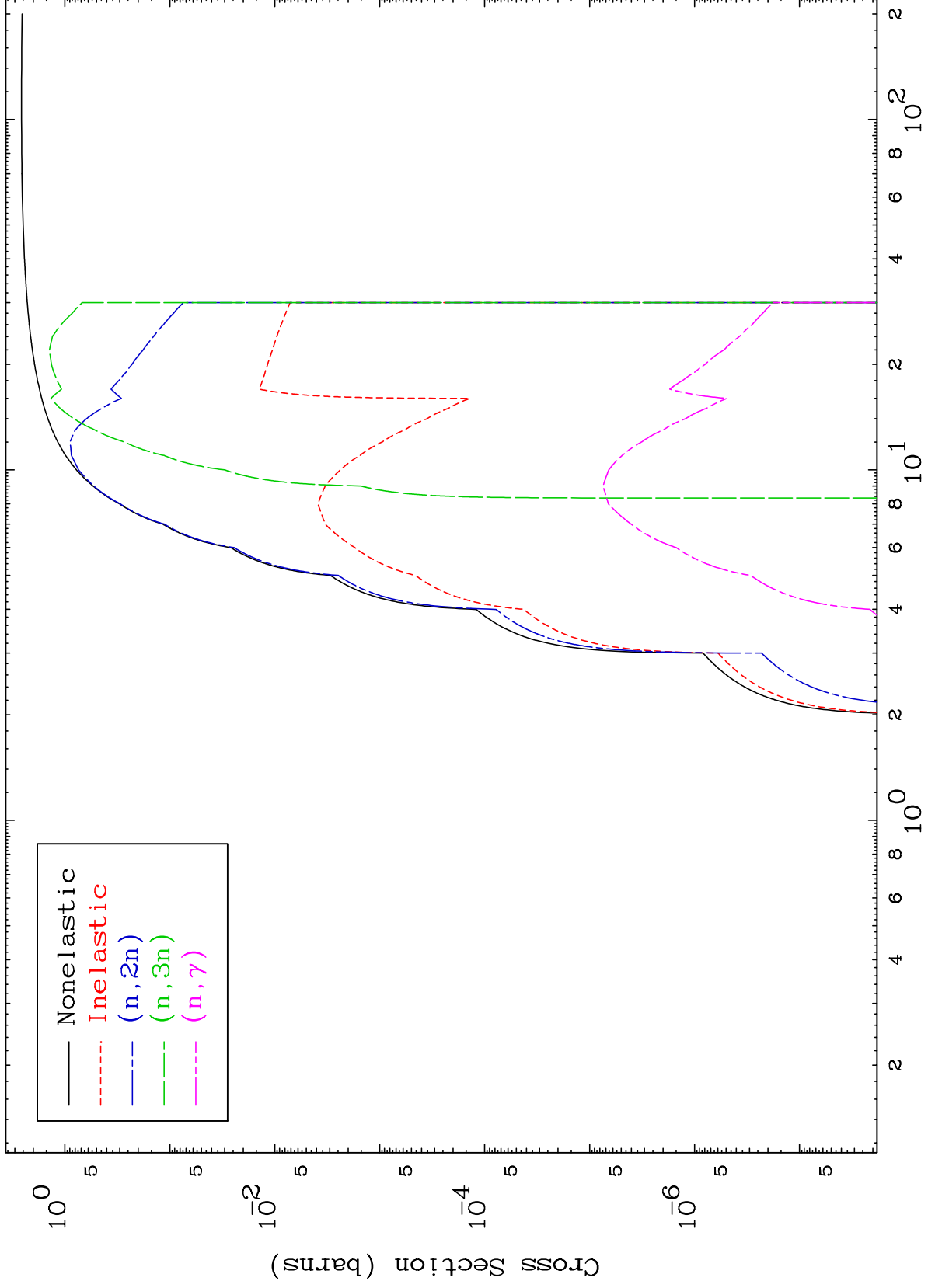
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

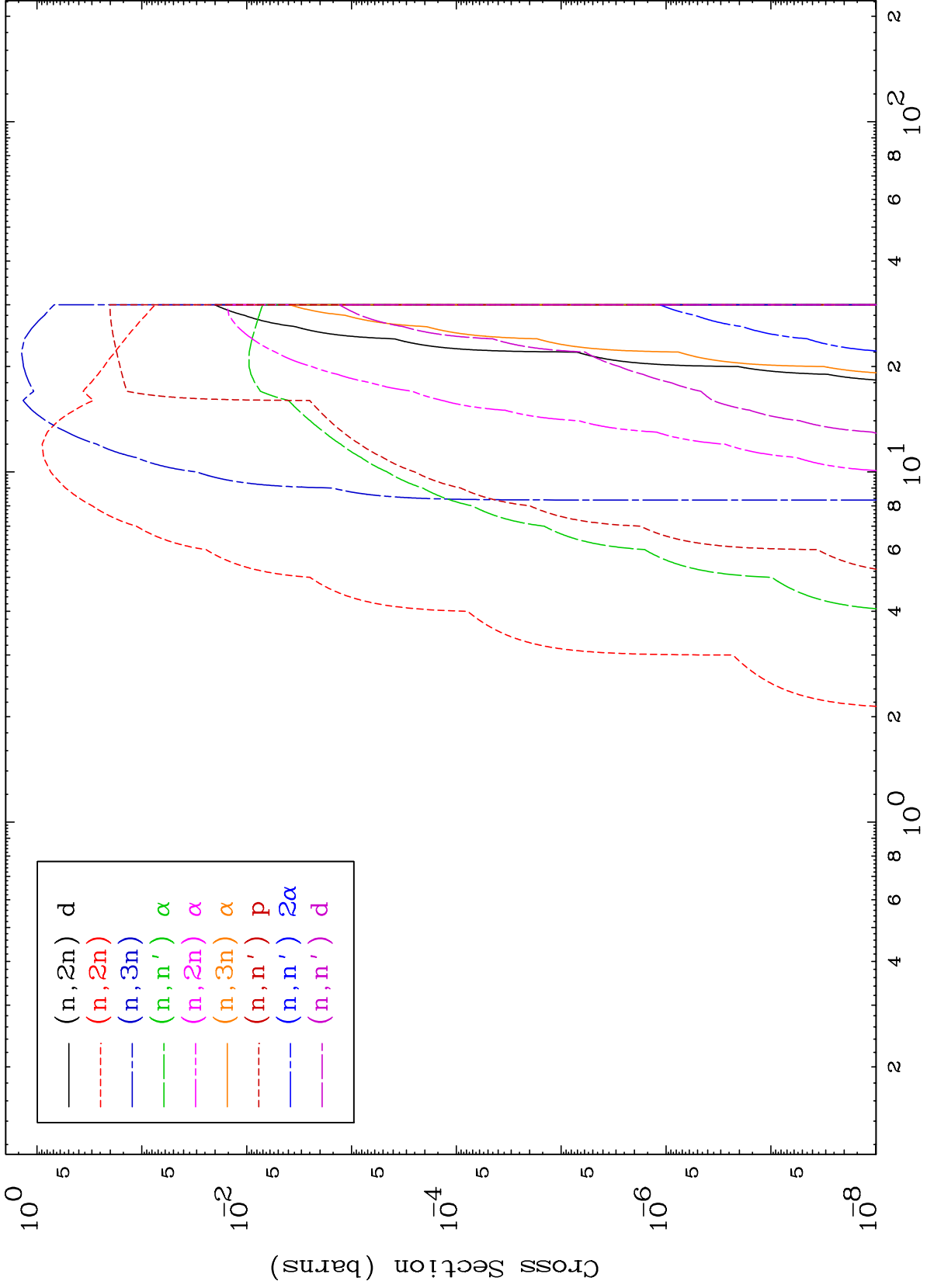
Tele: 925-443-1911

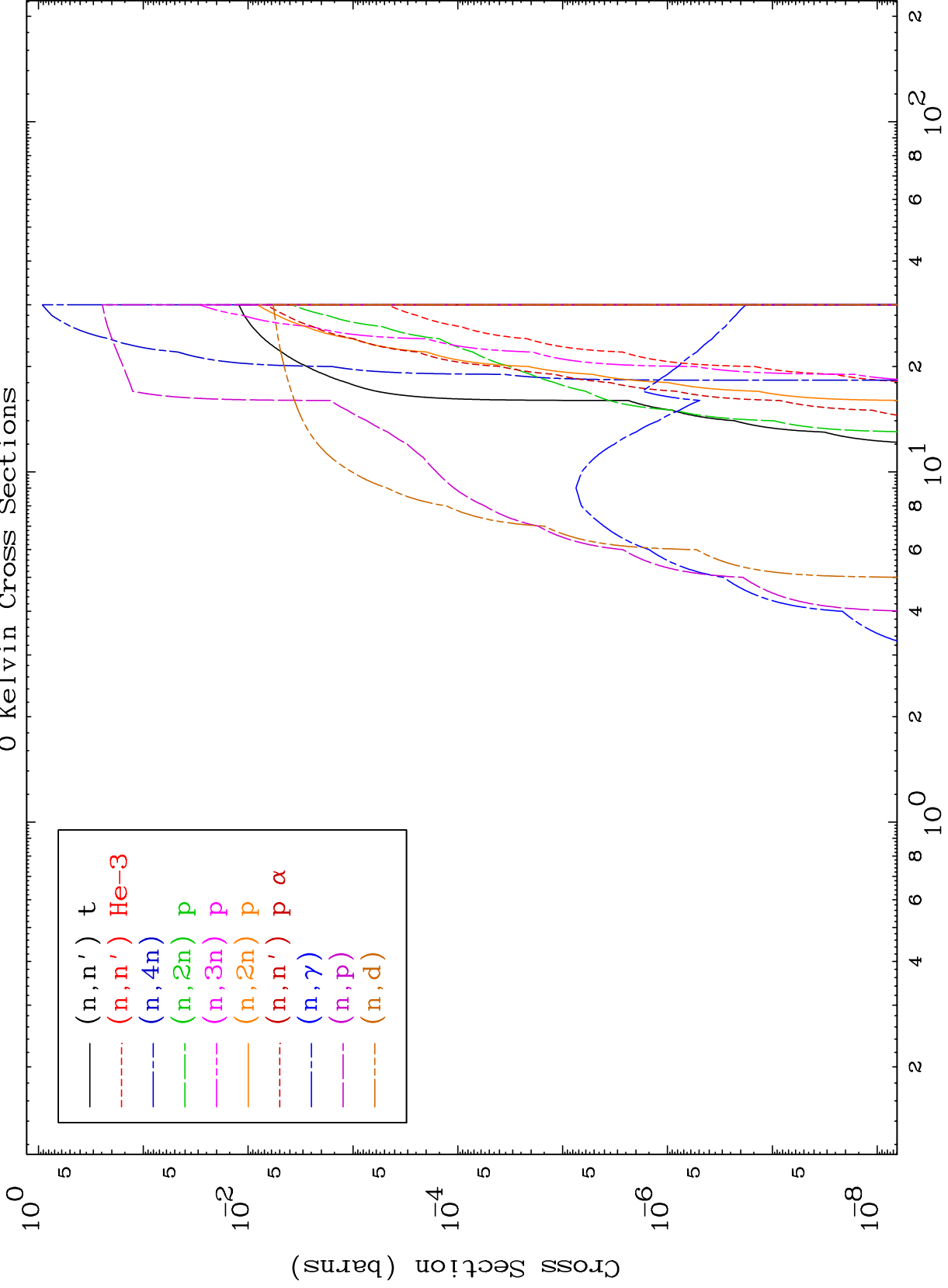
E.Mail:redcullen1@comcast.net

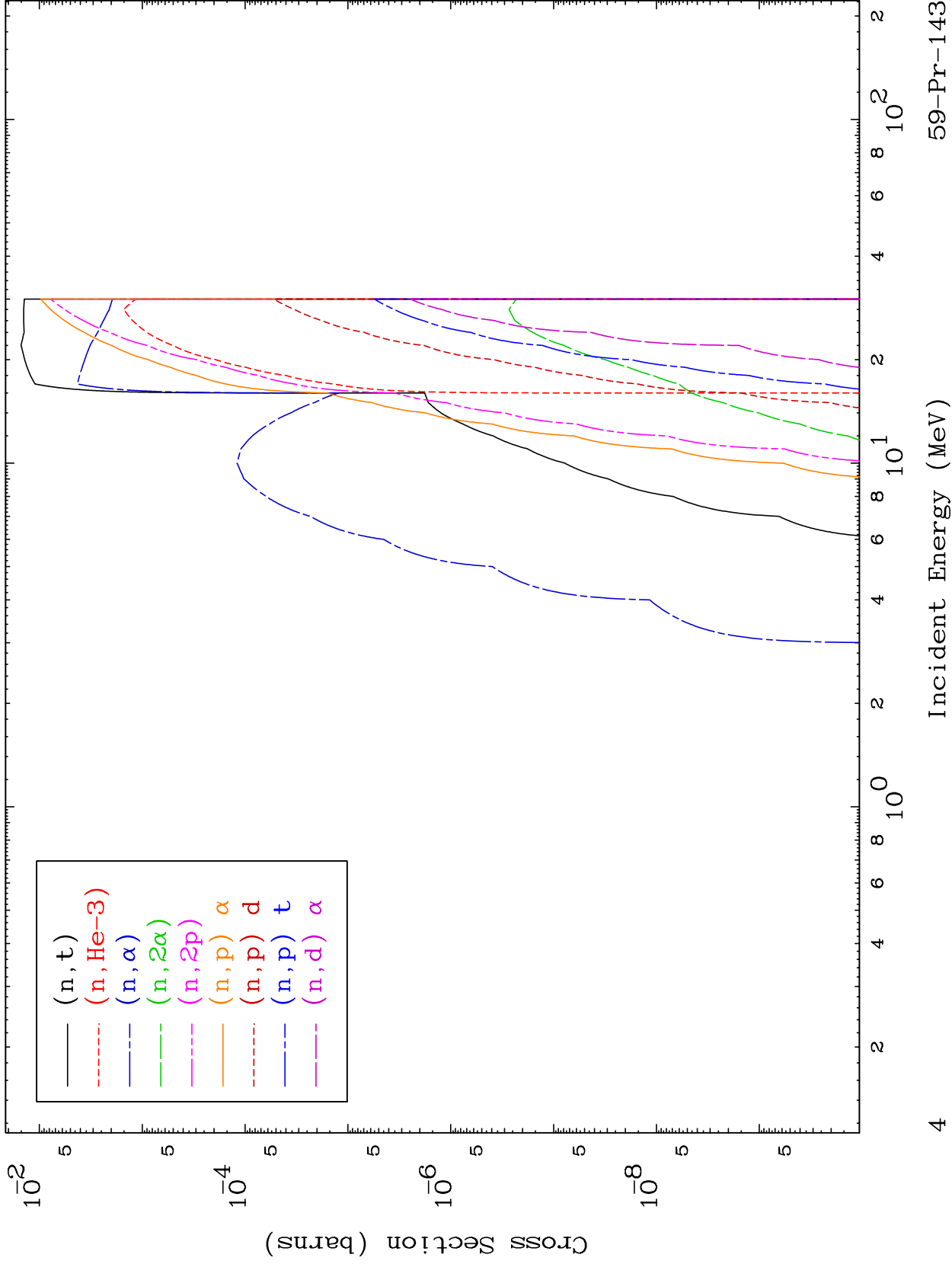
Web:redcullen1.net/HOMEPAGE.NEW

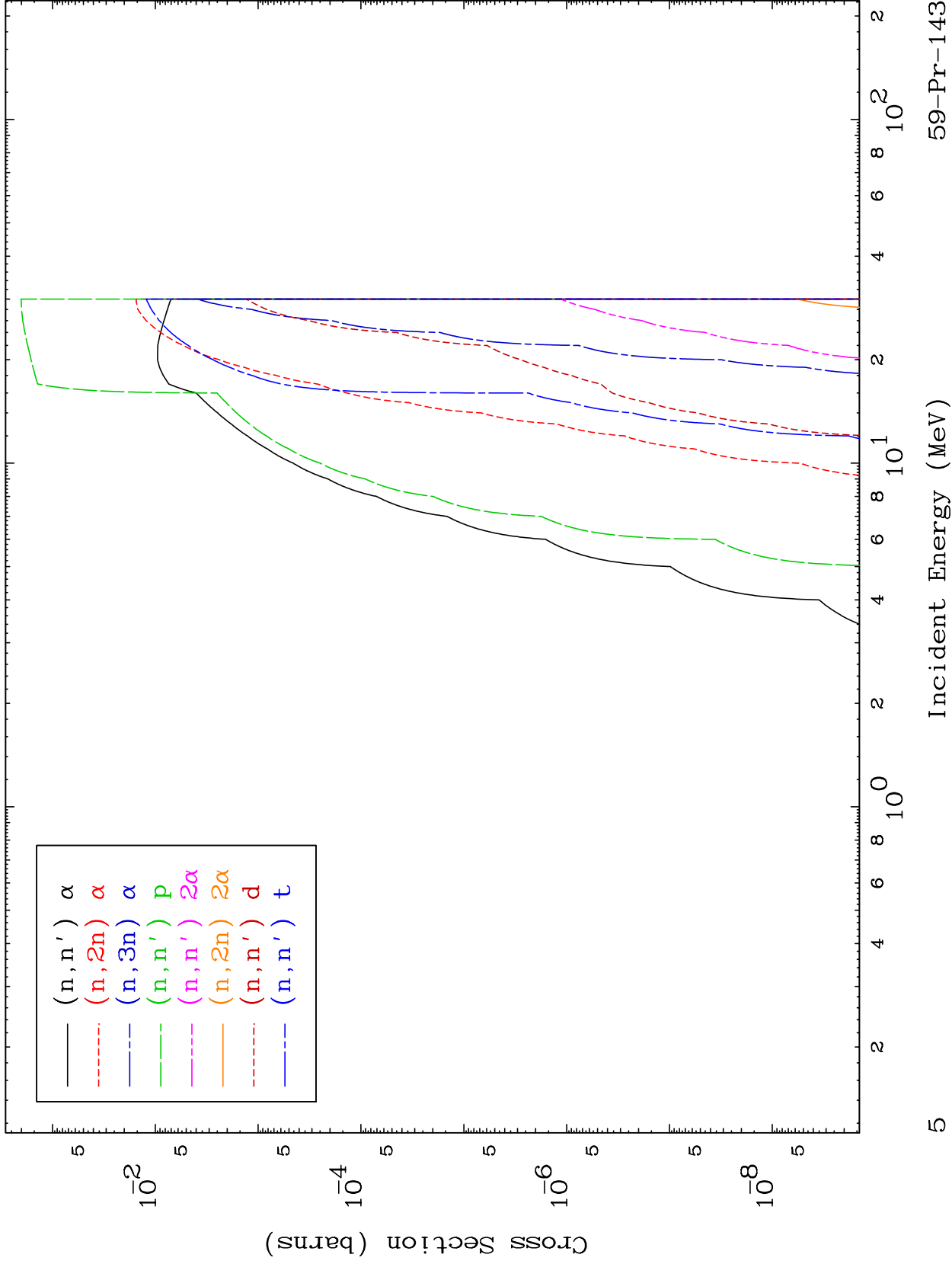
Press Mouse Button to Start

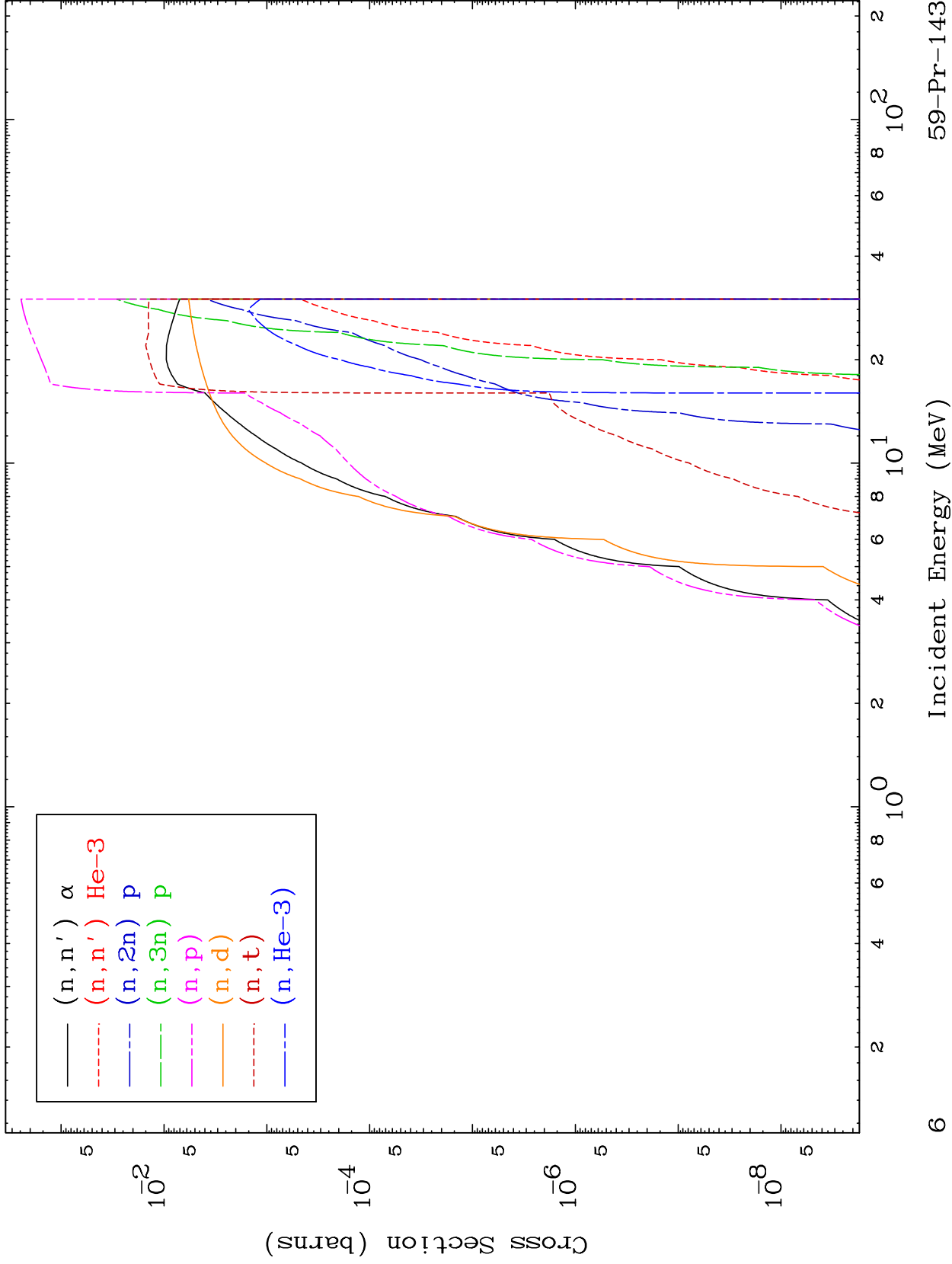


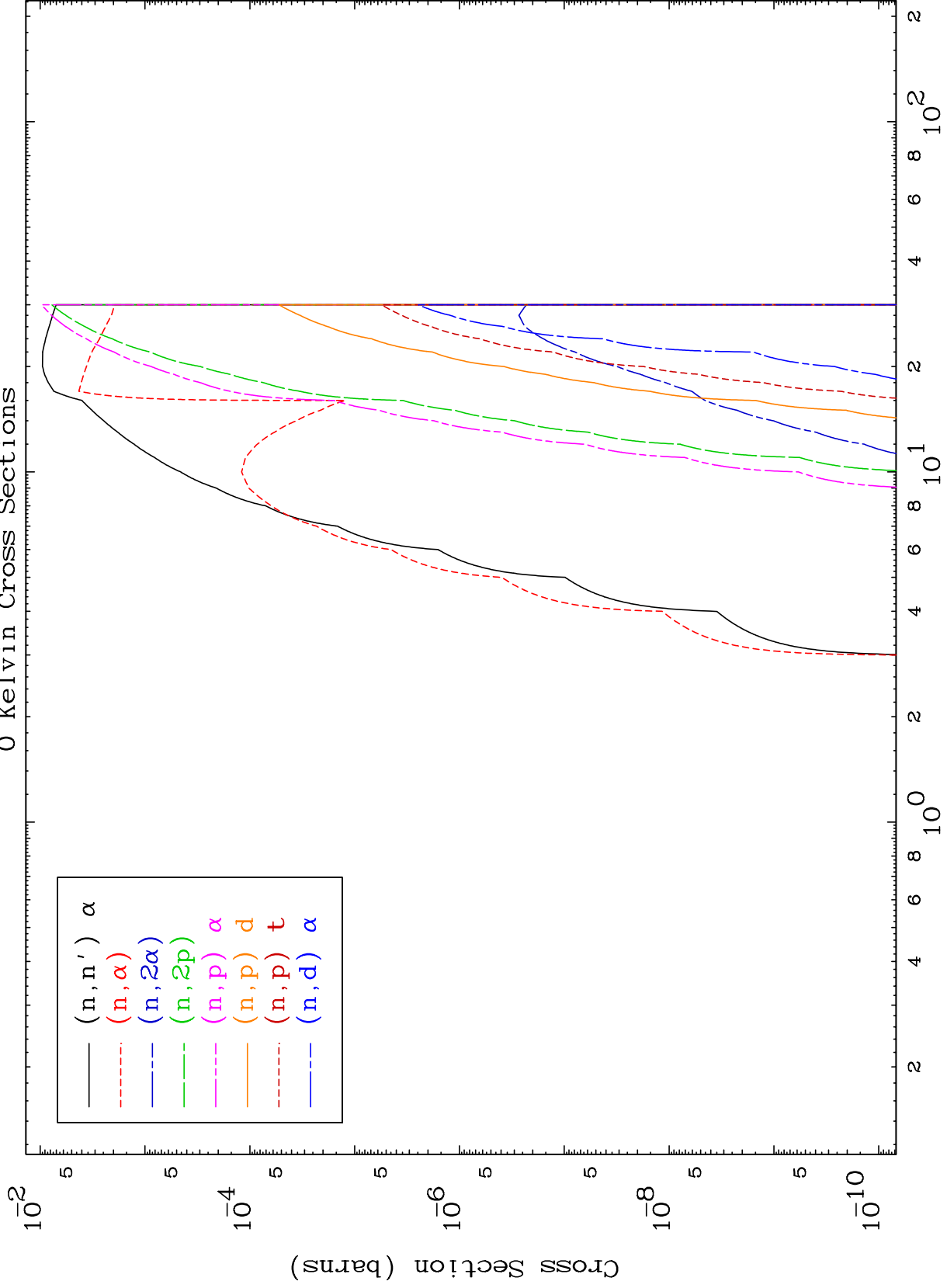








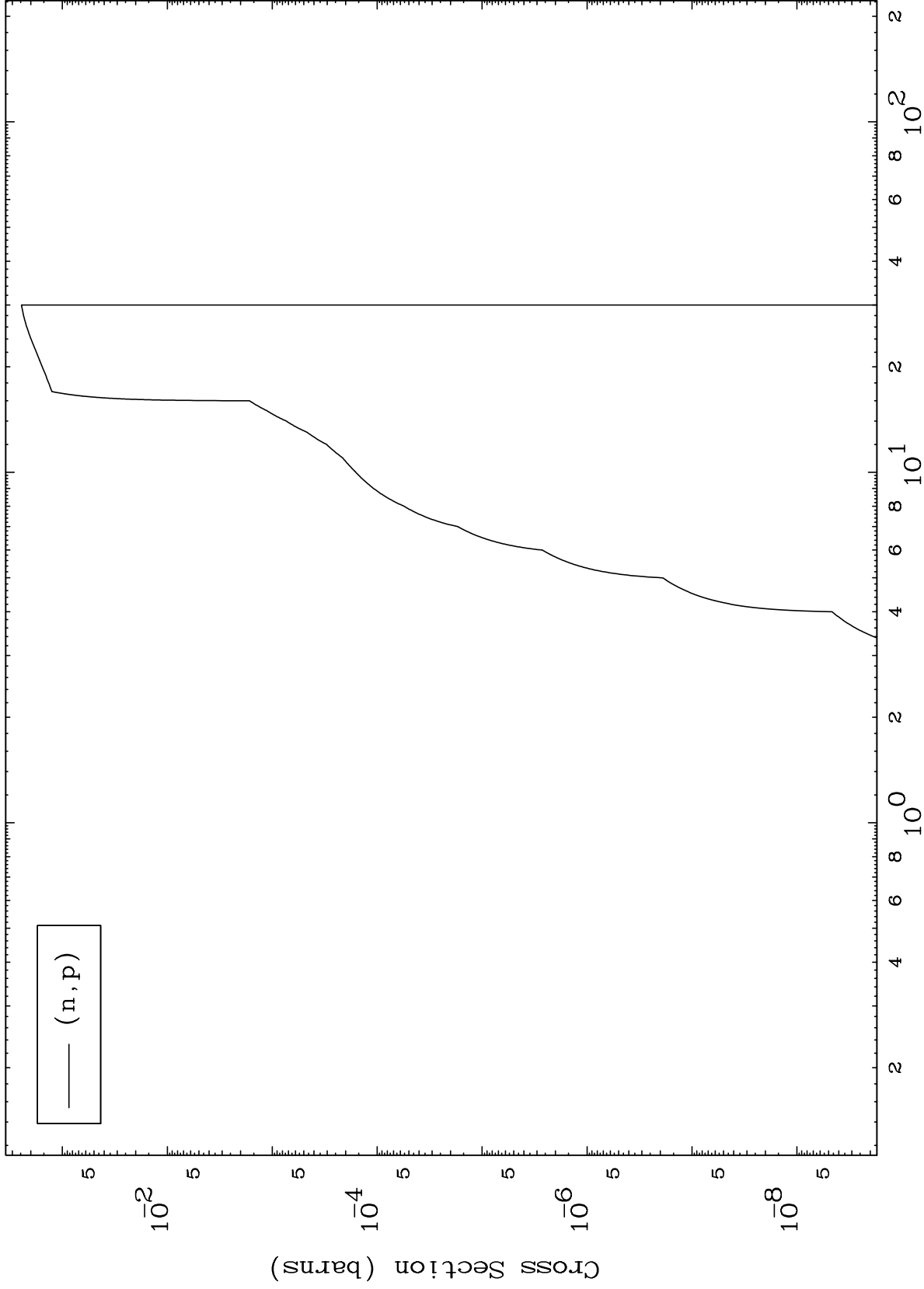


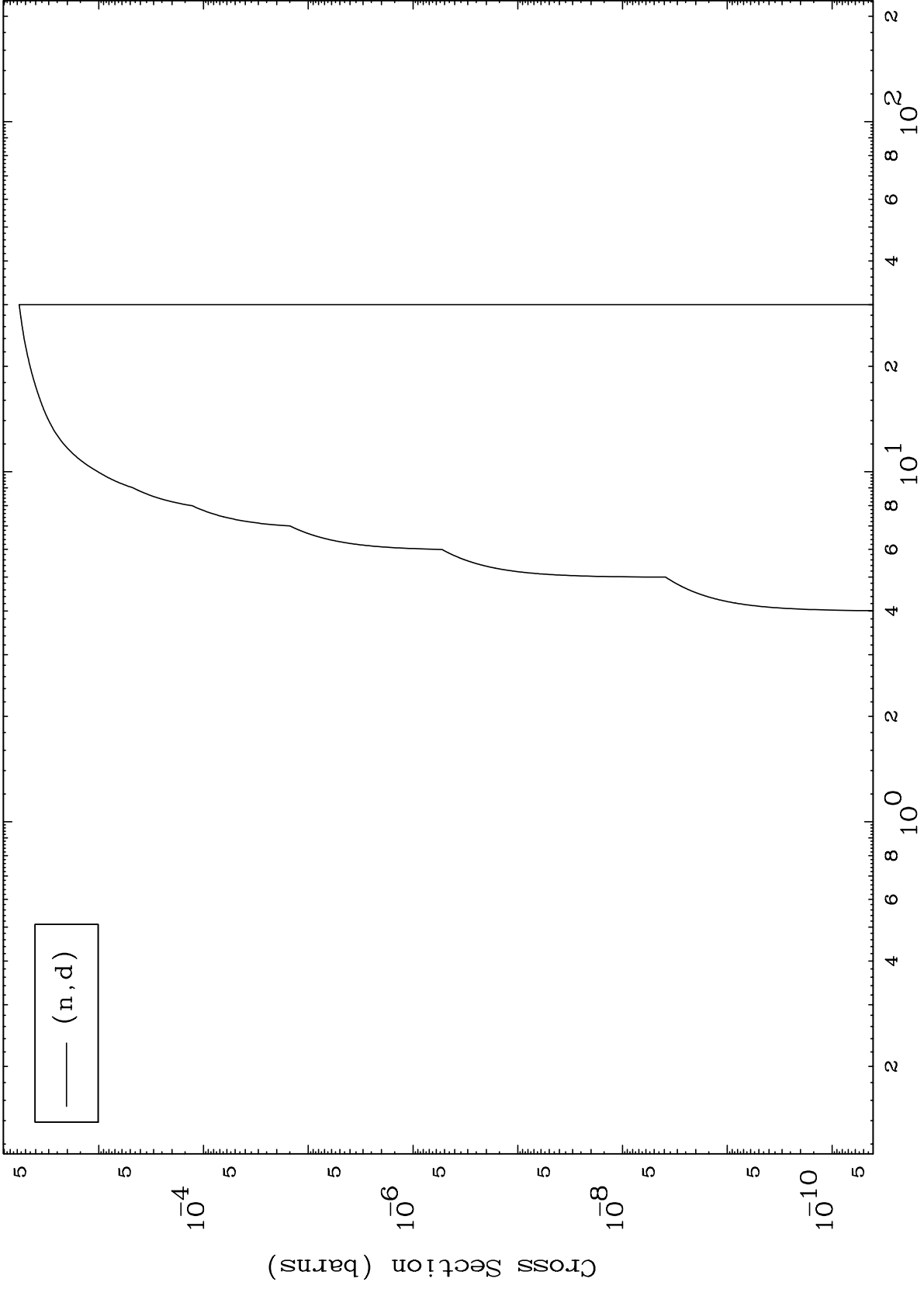


MAT 5931

59-Pr-143

(d,p) Levels
0 Kelvin Cross Sections

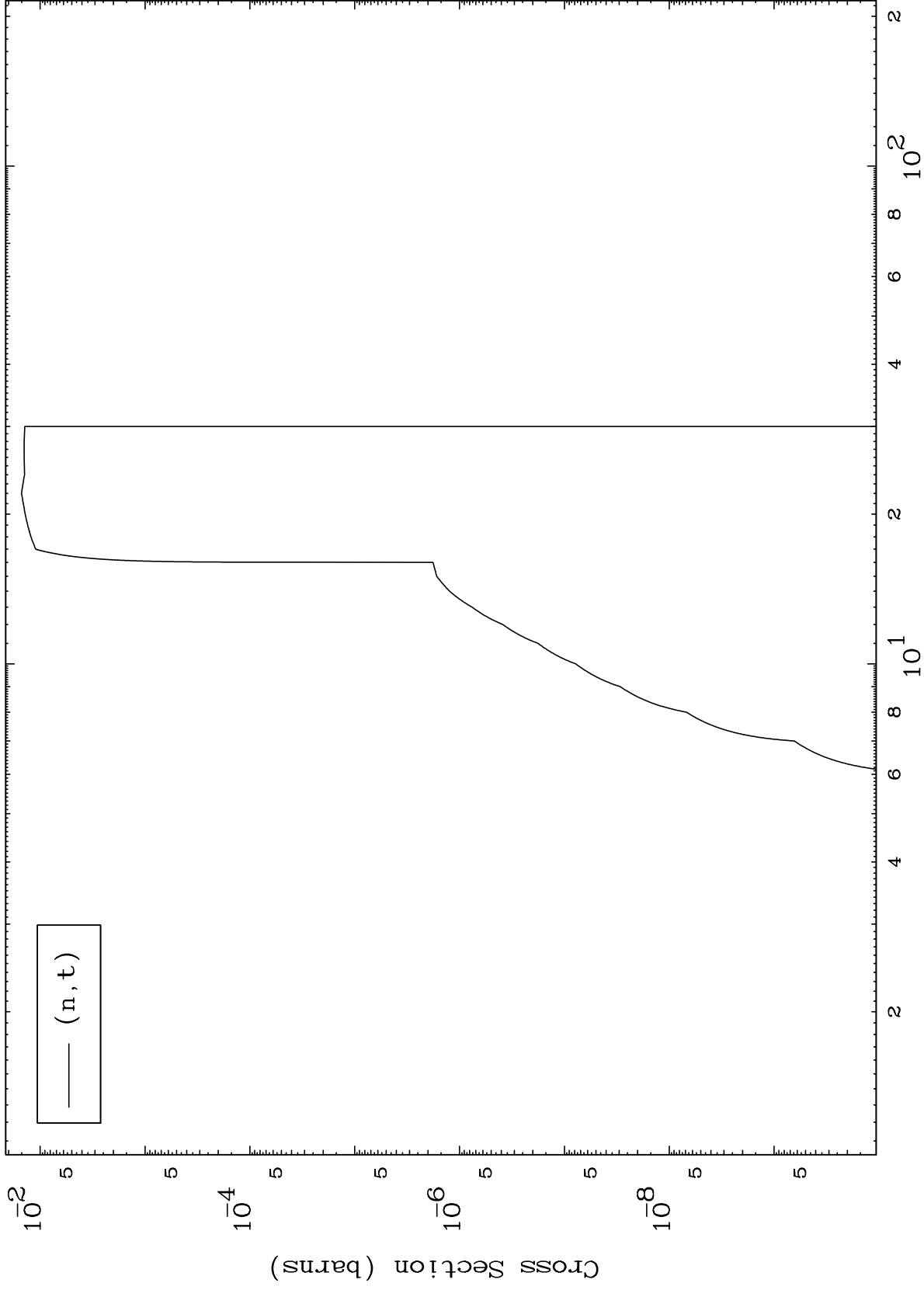




MAT 5931

(d,t) Levels
0 Kelvin Cross Sections

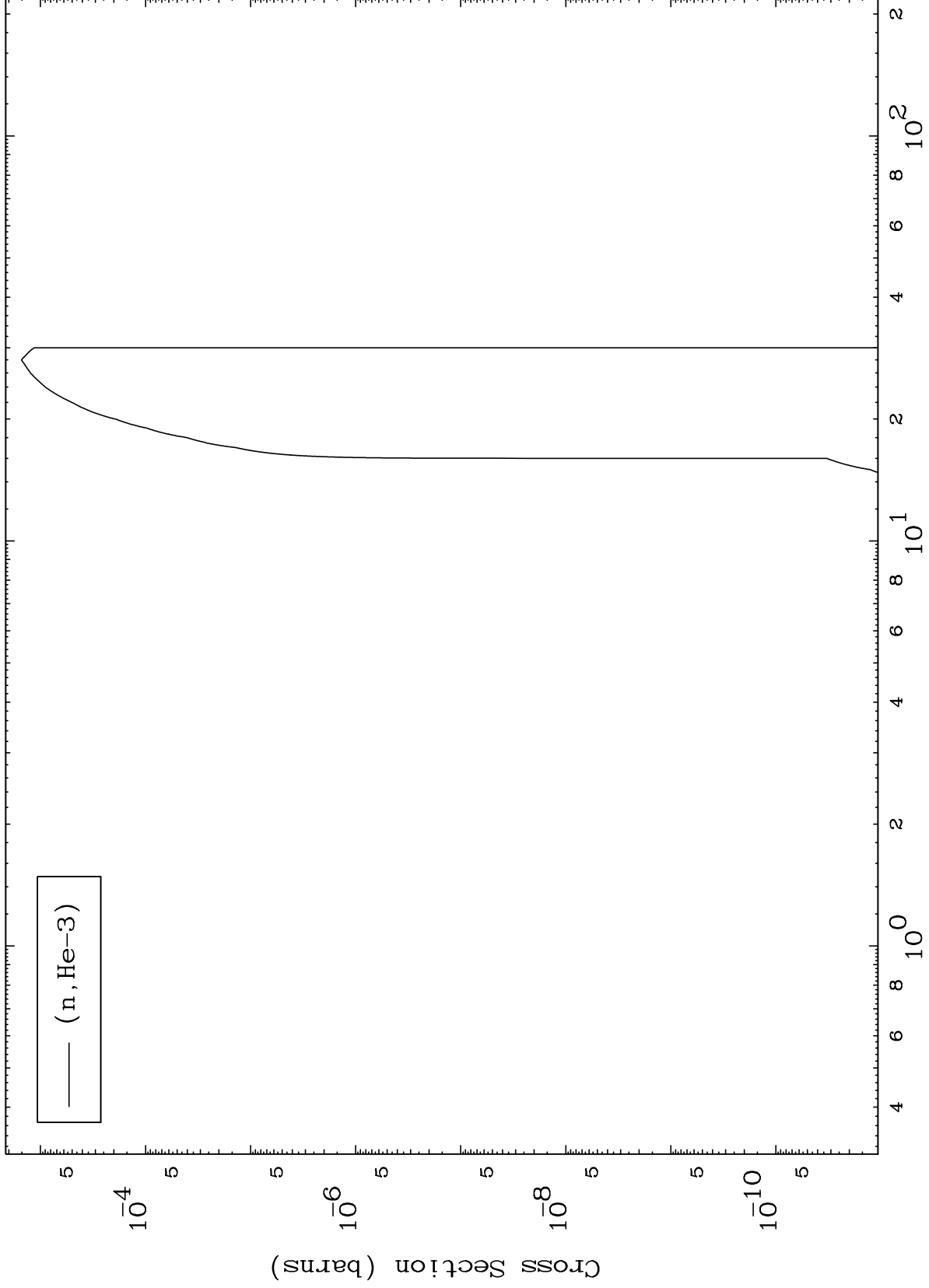
59-Pr-143



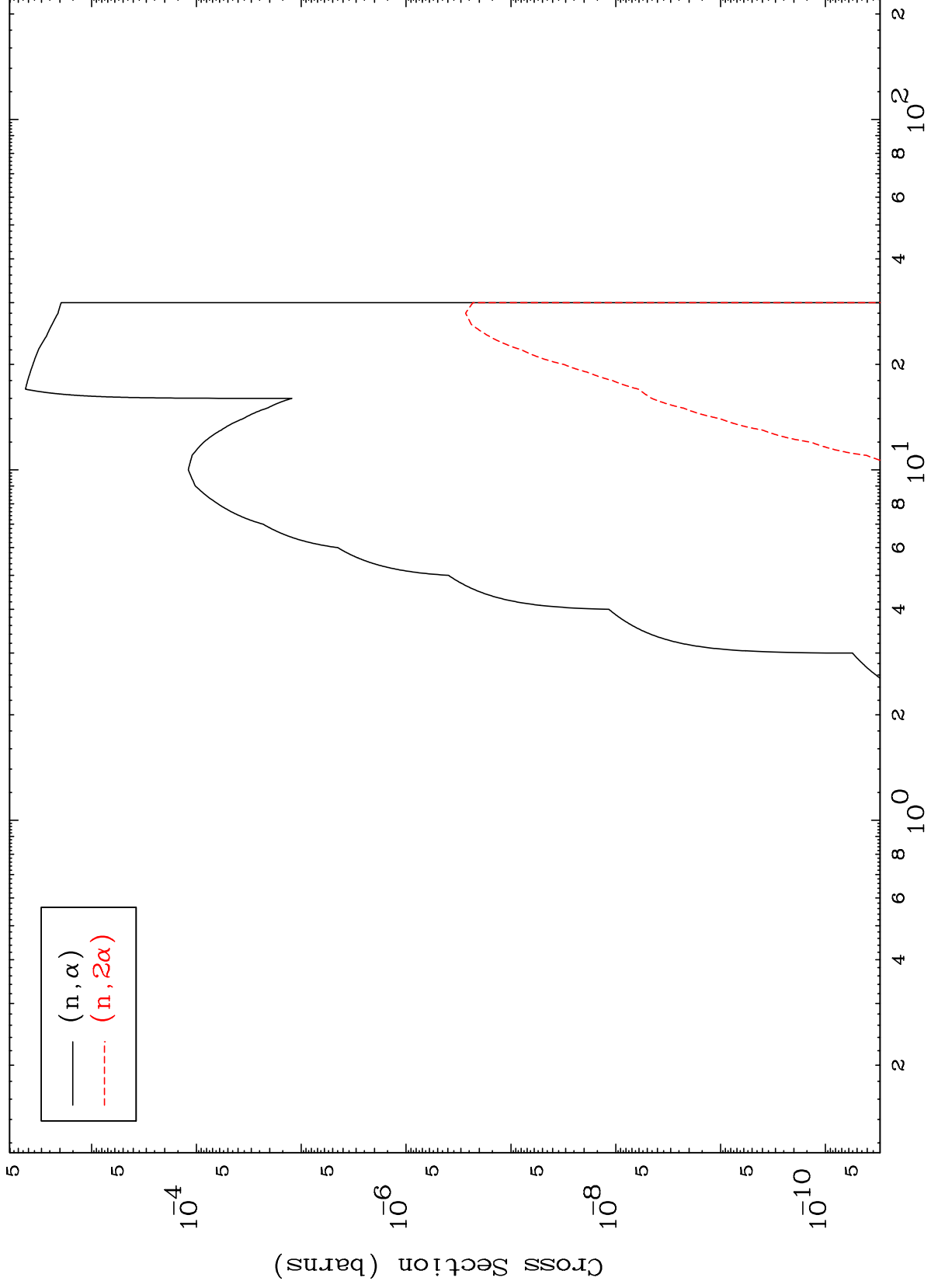
10

Incident Energy (MeV)

59-Pr-143



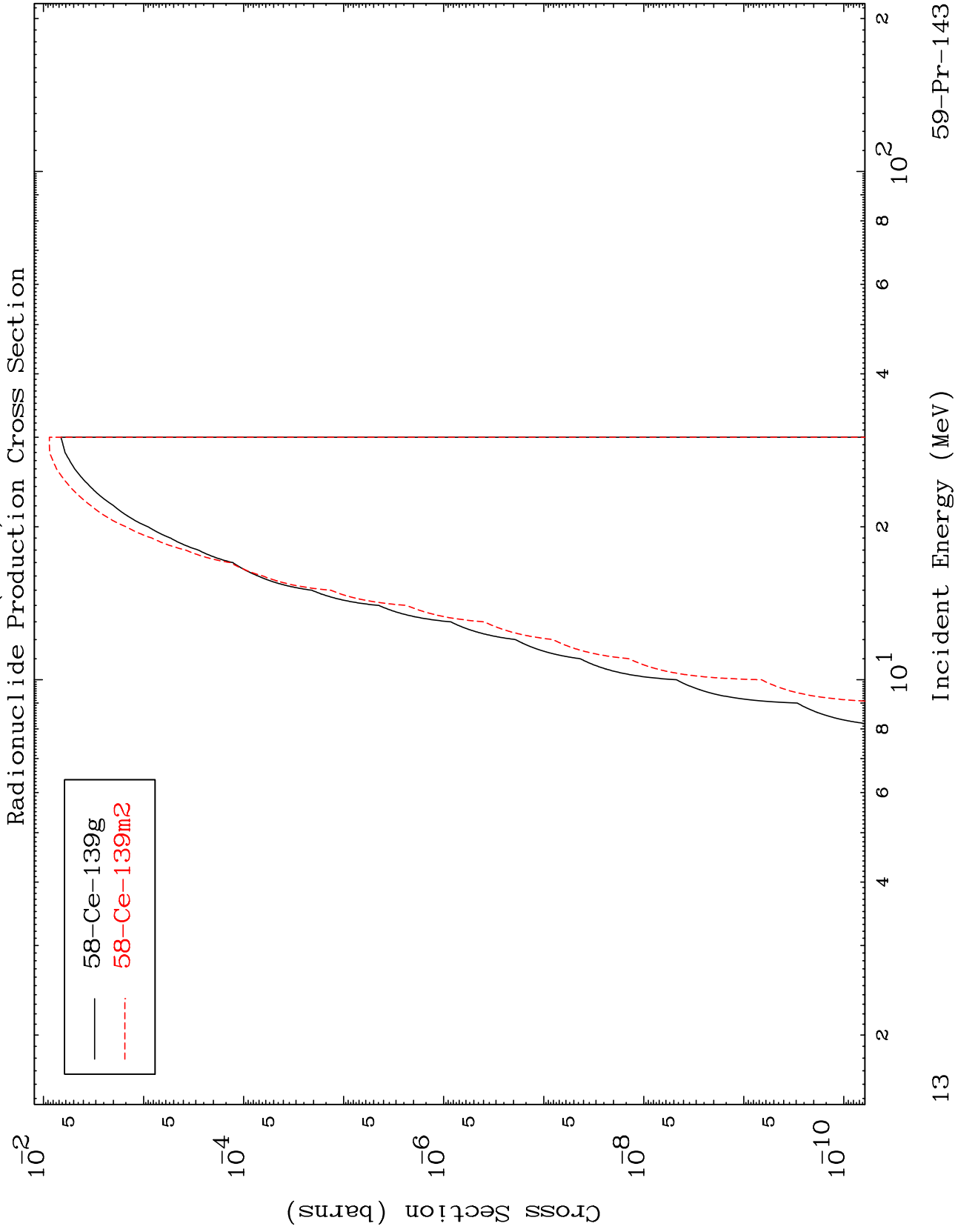
0 Kelvin Cross Sections



MAT 5931

$(n,2n) \alpha$

59-Pr-143



13

Incident Energy (MeV)

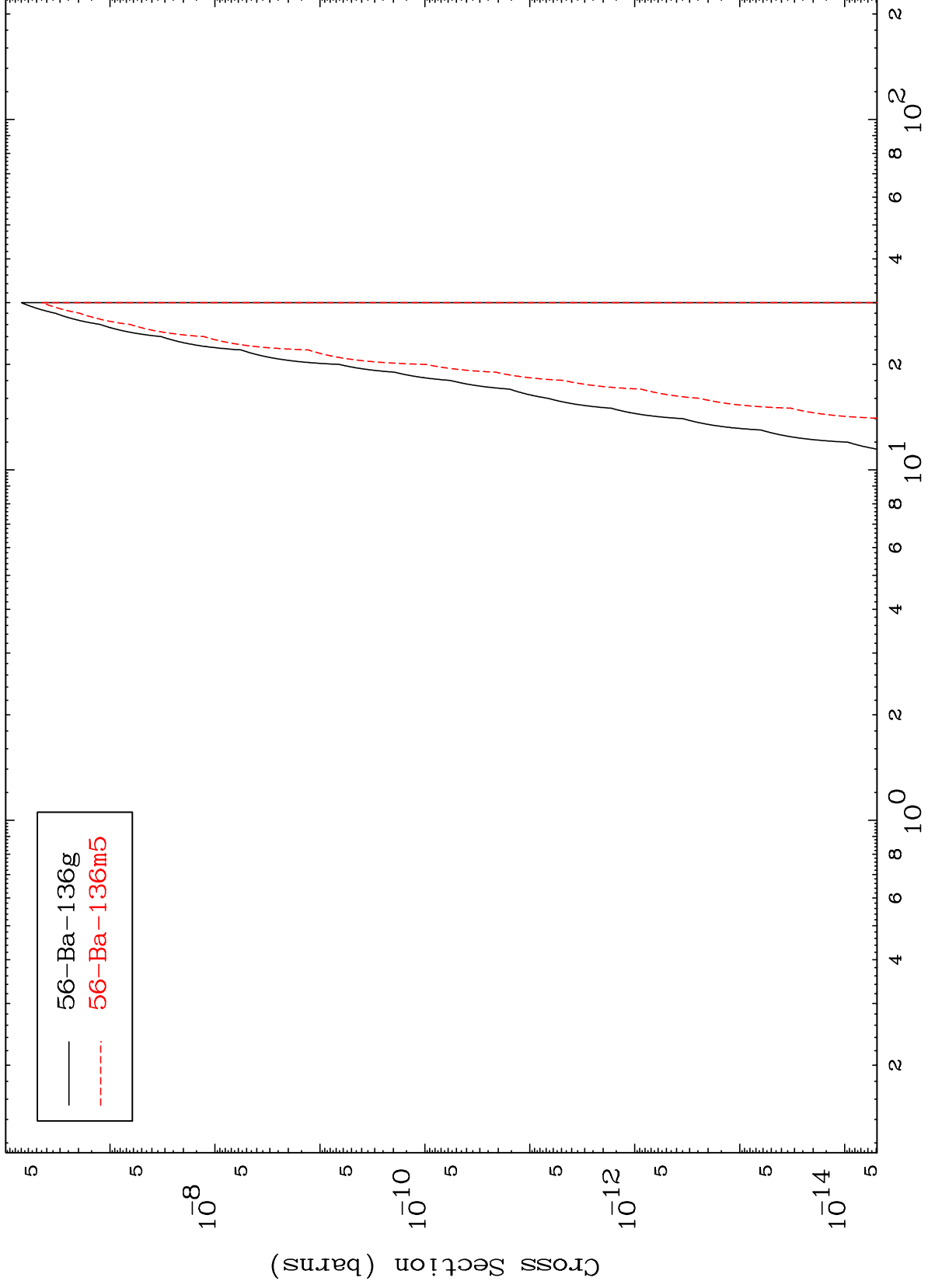
59-Pr-143

MAT 5931

(n,n') 2 α

59-Pr-143

Radionuclide Production Cross Section



14

Incident Energy (MeV)

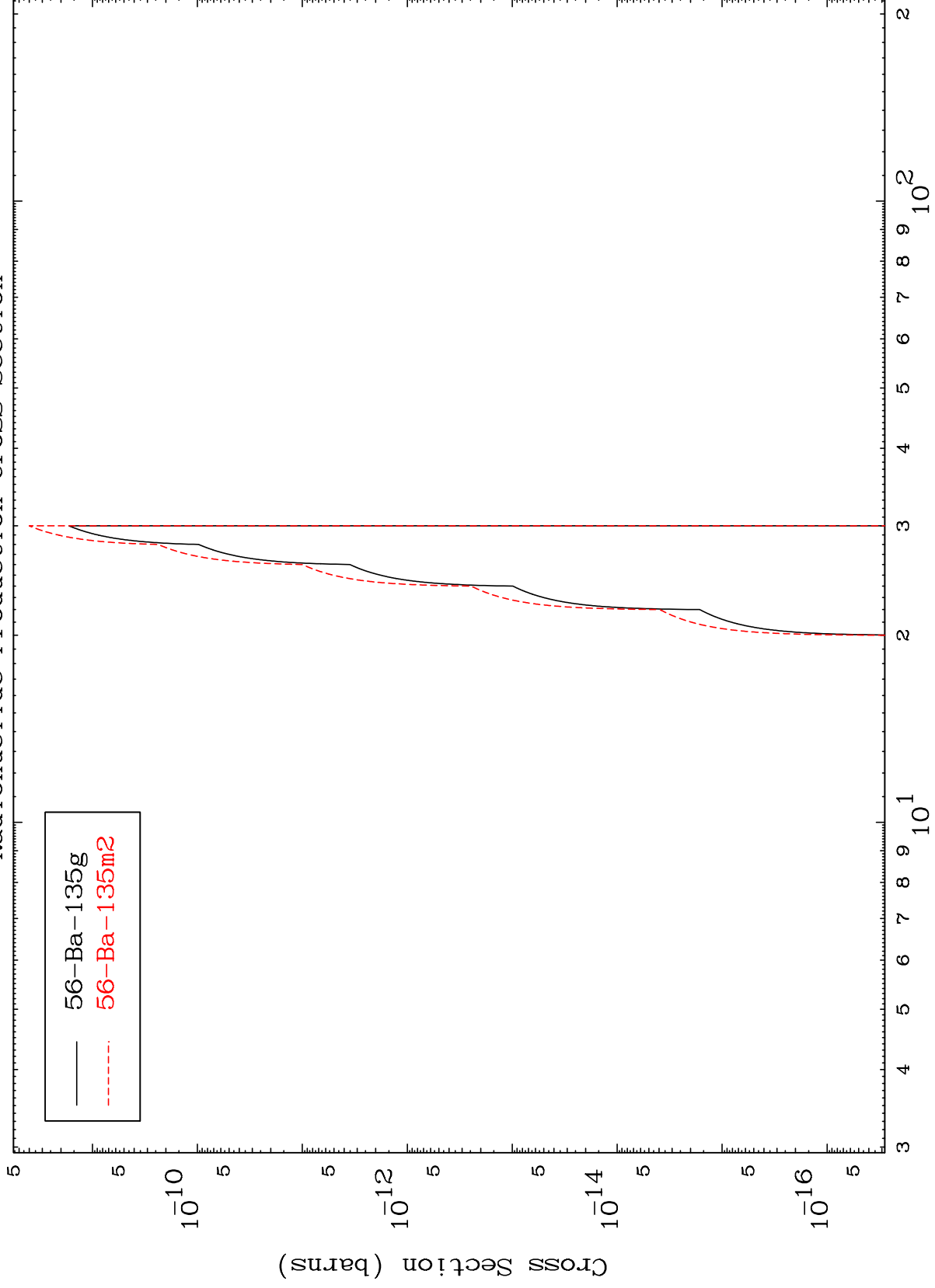
59-Pr-143

MAT 5931

$^{59}\text{Pr-143}$

$^{59}\text{Pr-143}$

Radionuclide Production Cross Section



15

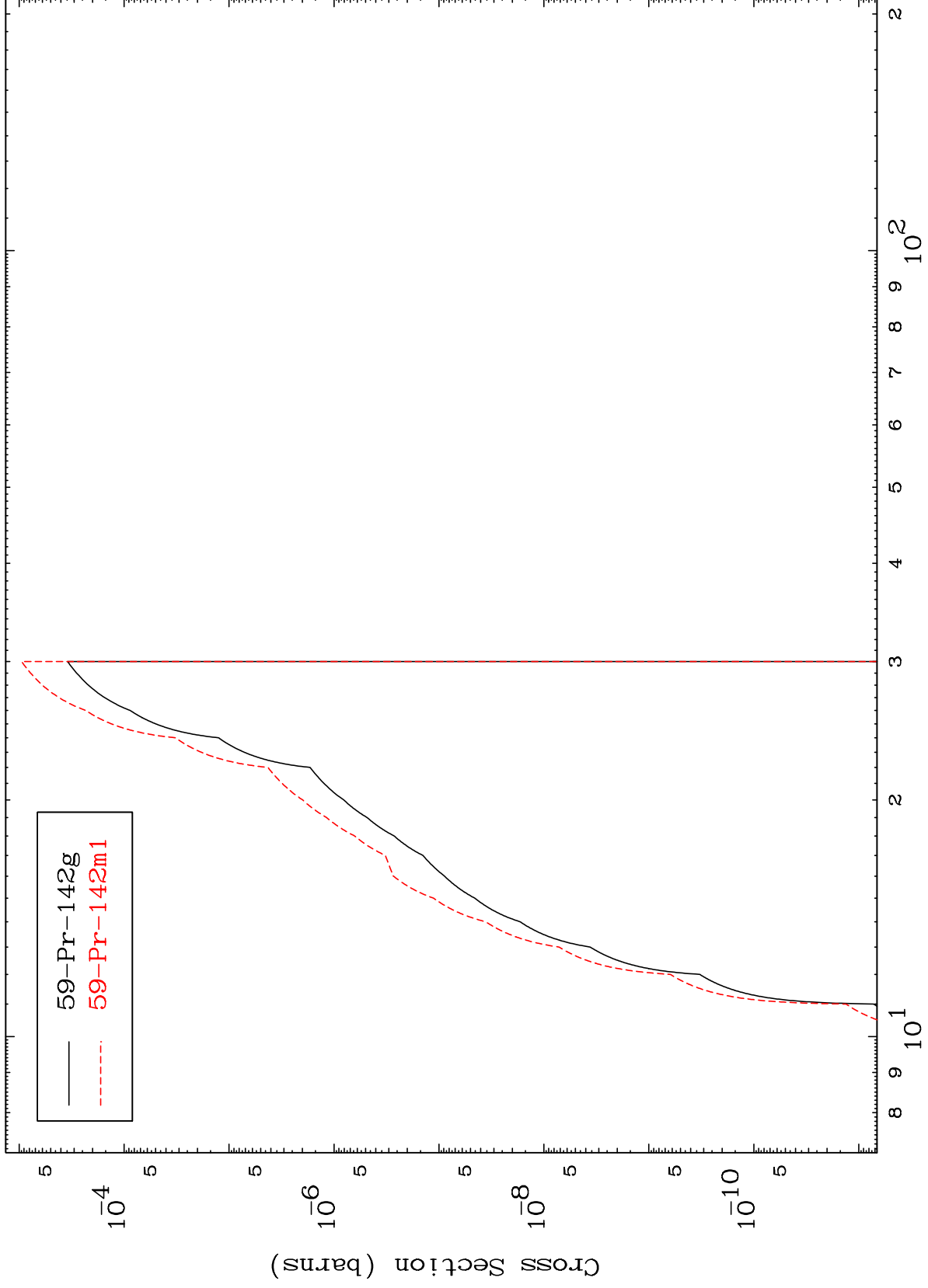
Incident Energy (MeV)

$^{59}\text{Pr-143}$

MAT 5931

59-Pr-143

(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

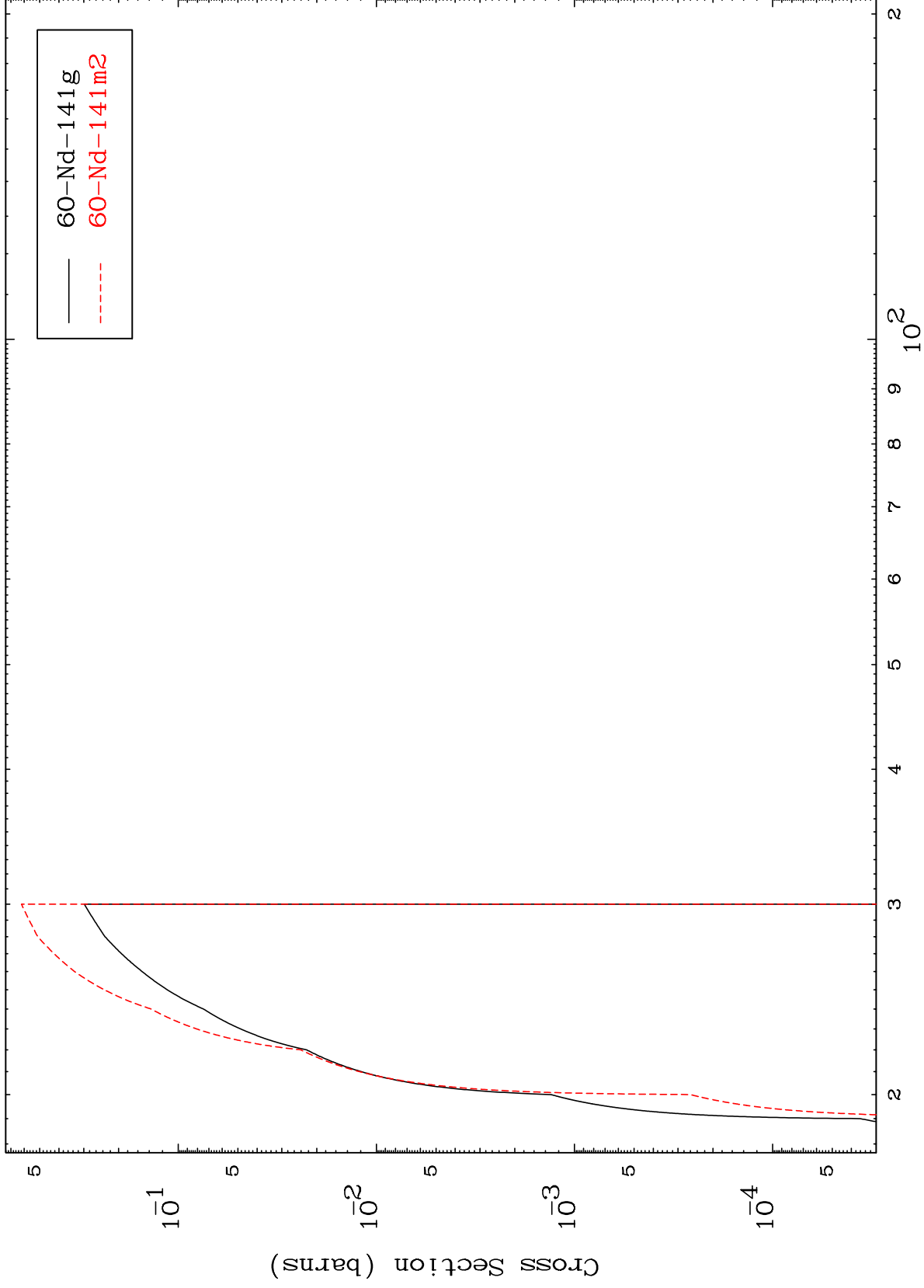
59-Pr-143

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(n,4n)

59-Pr-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

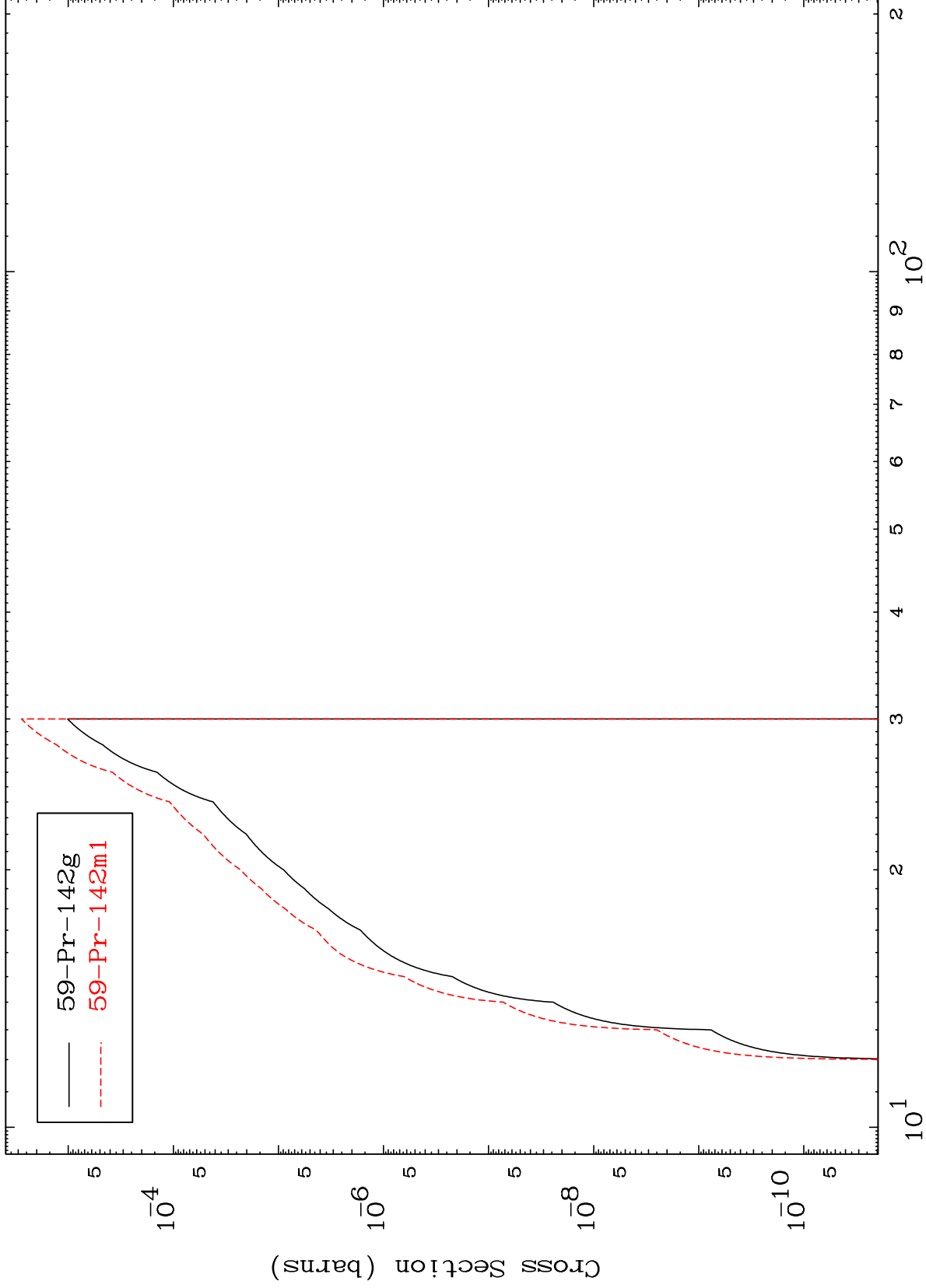
59-Pr-143

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(n,2n) p

59-Pr-143

Radionuclide Production Cross Section



18

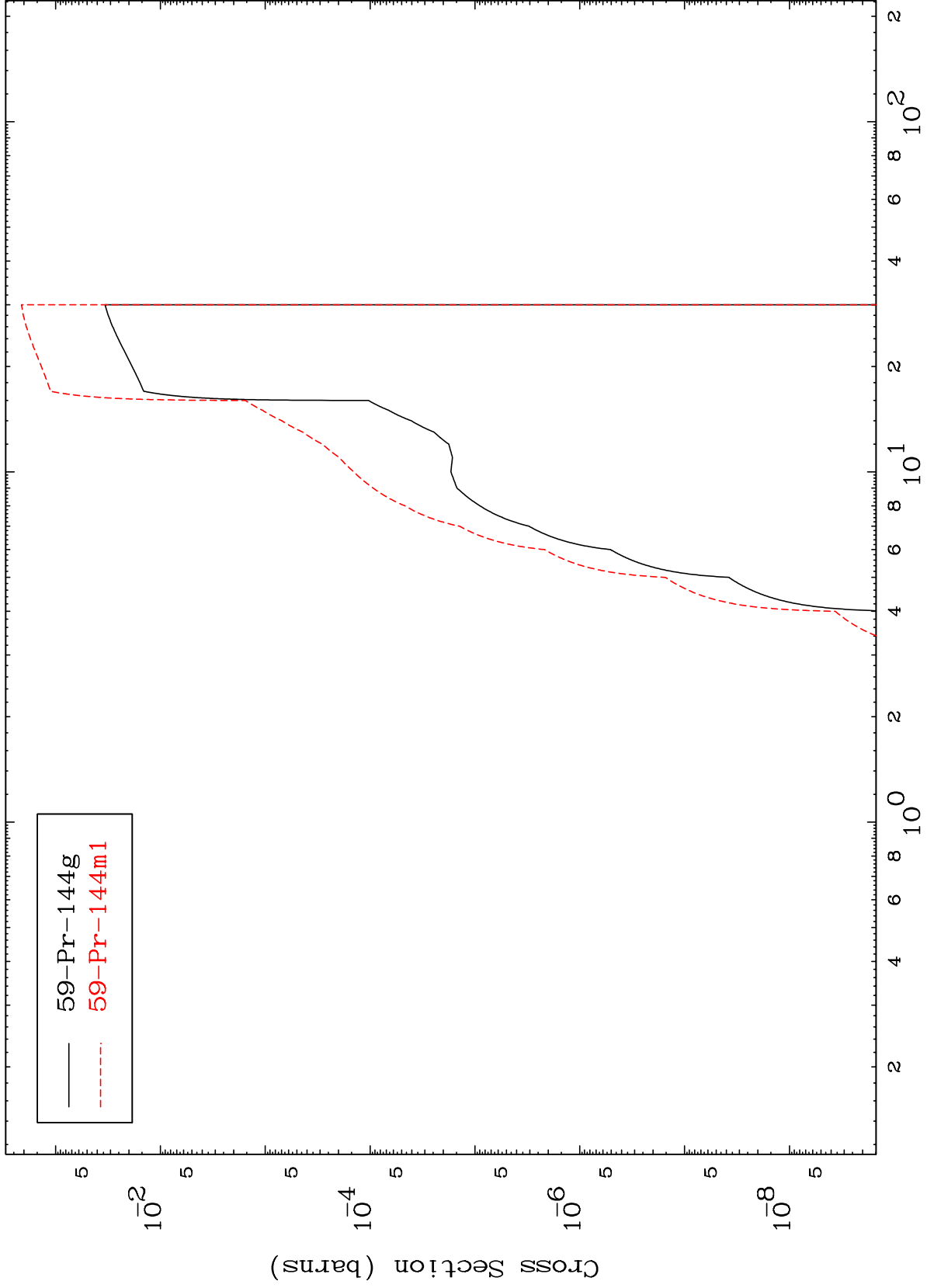
Incident Energy (MeV)

59-Pr-143

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59-Pr-143

(n,p)
Radionuclide Production Cross Section



19

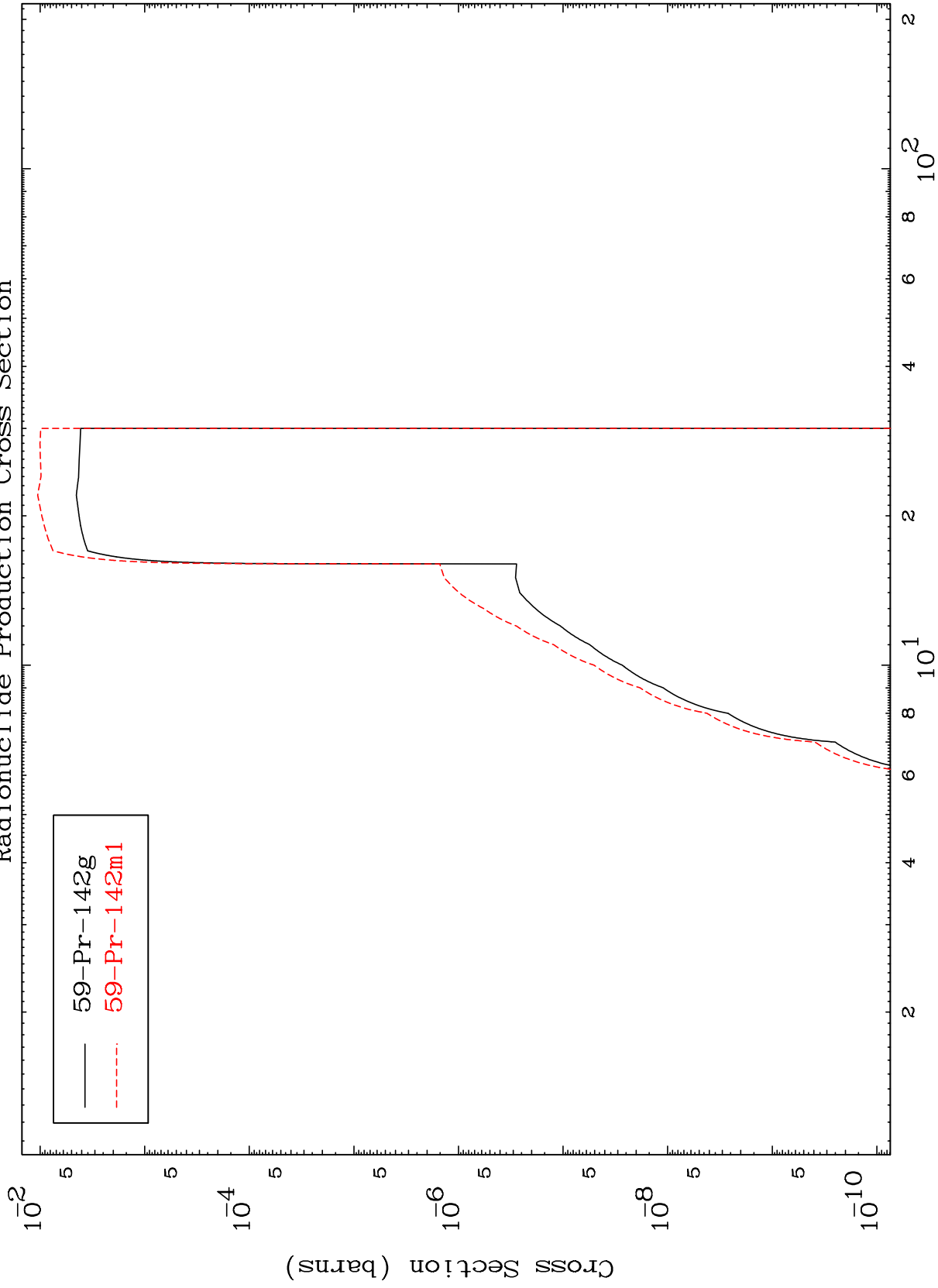
59-Pr-143

Incident Energy (MeV)

MAT 5931

59-Pr-143

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-143

MAT 5931

(n,2α)

59-Pr-143

Radionuclide Production Cross Section

