

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

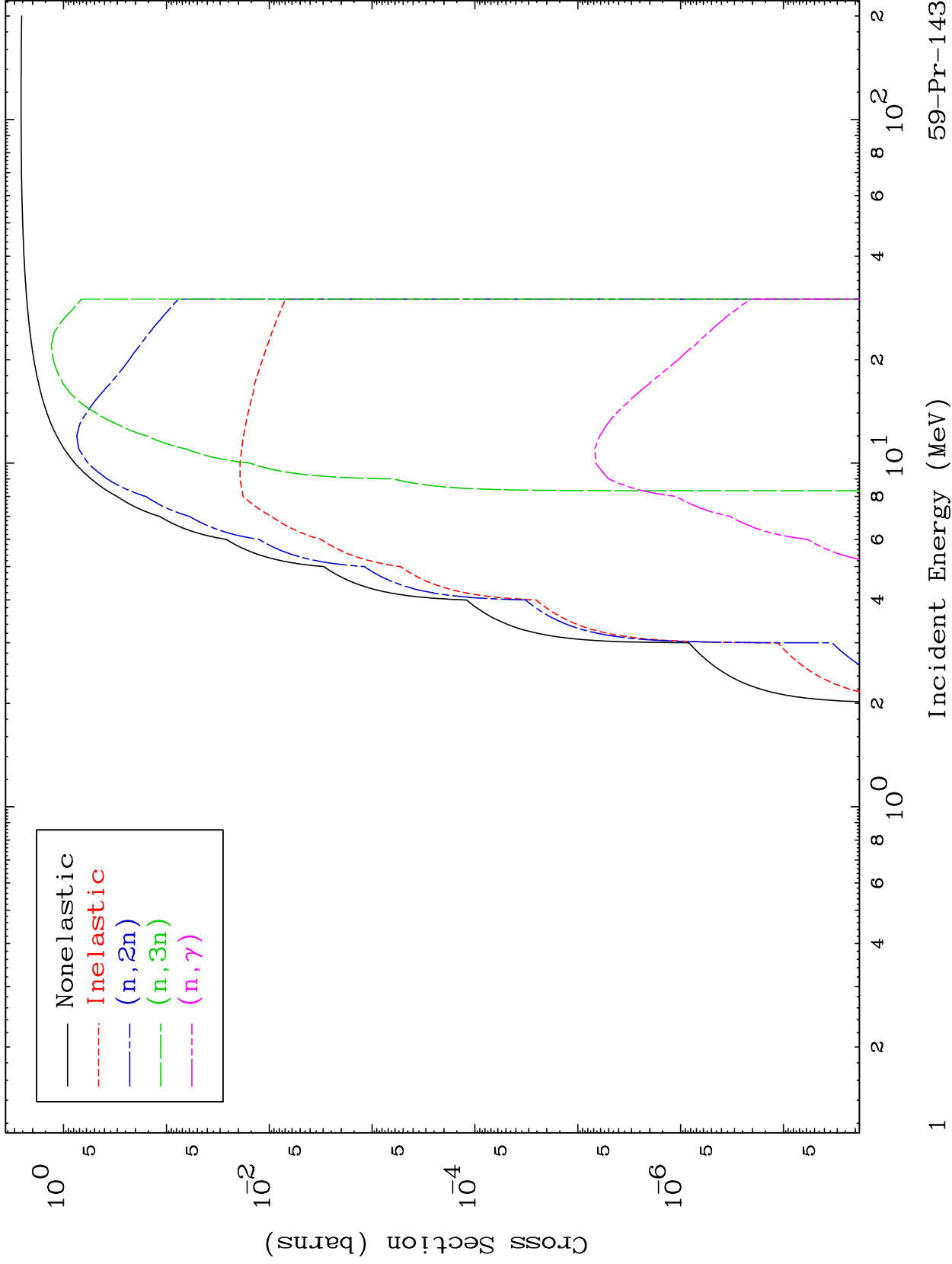
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Livermore, CA 94550
U.S.A.

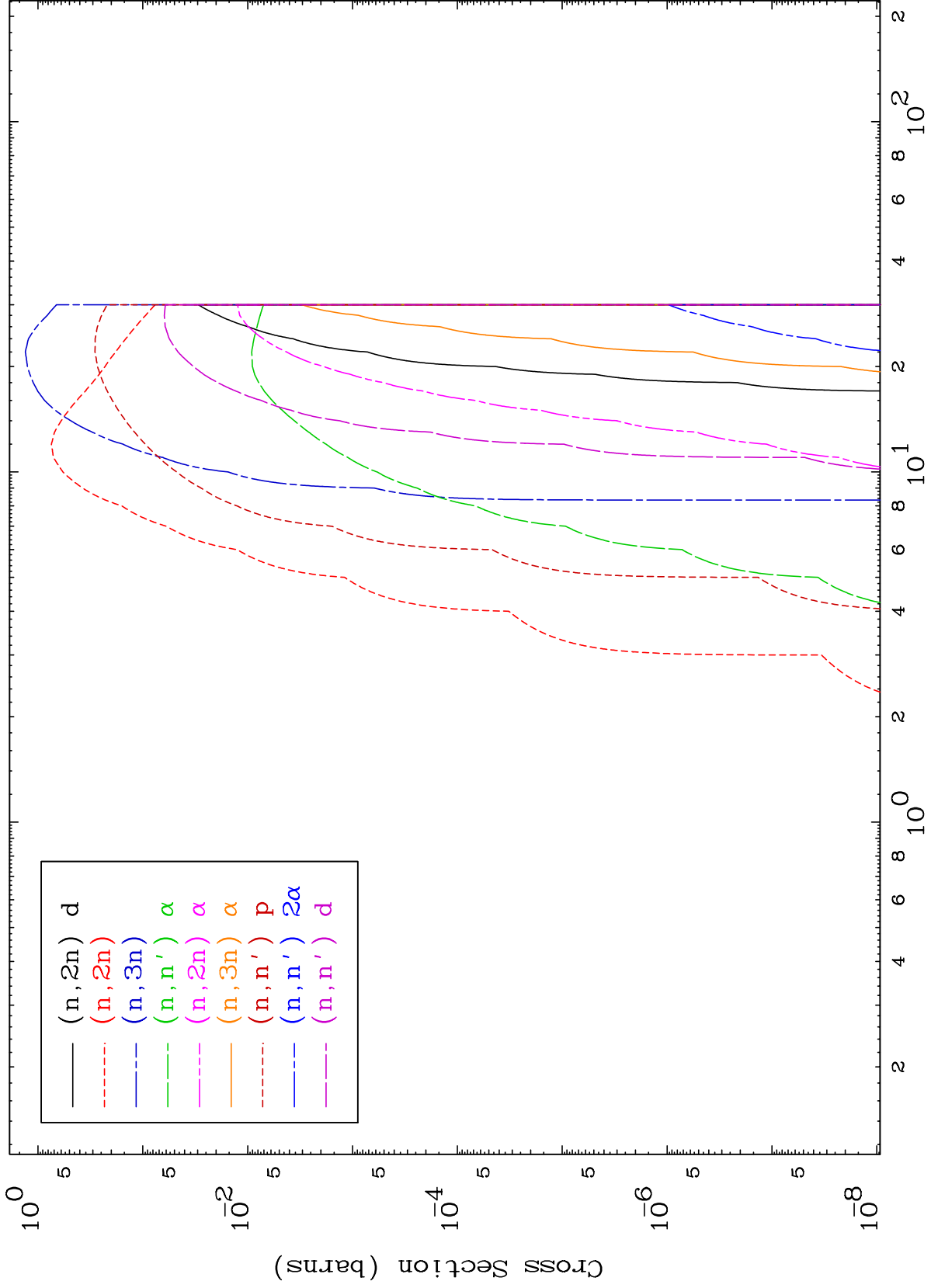
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

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Press Mouse Button to Start

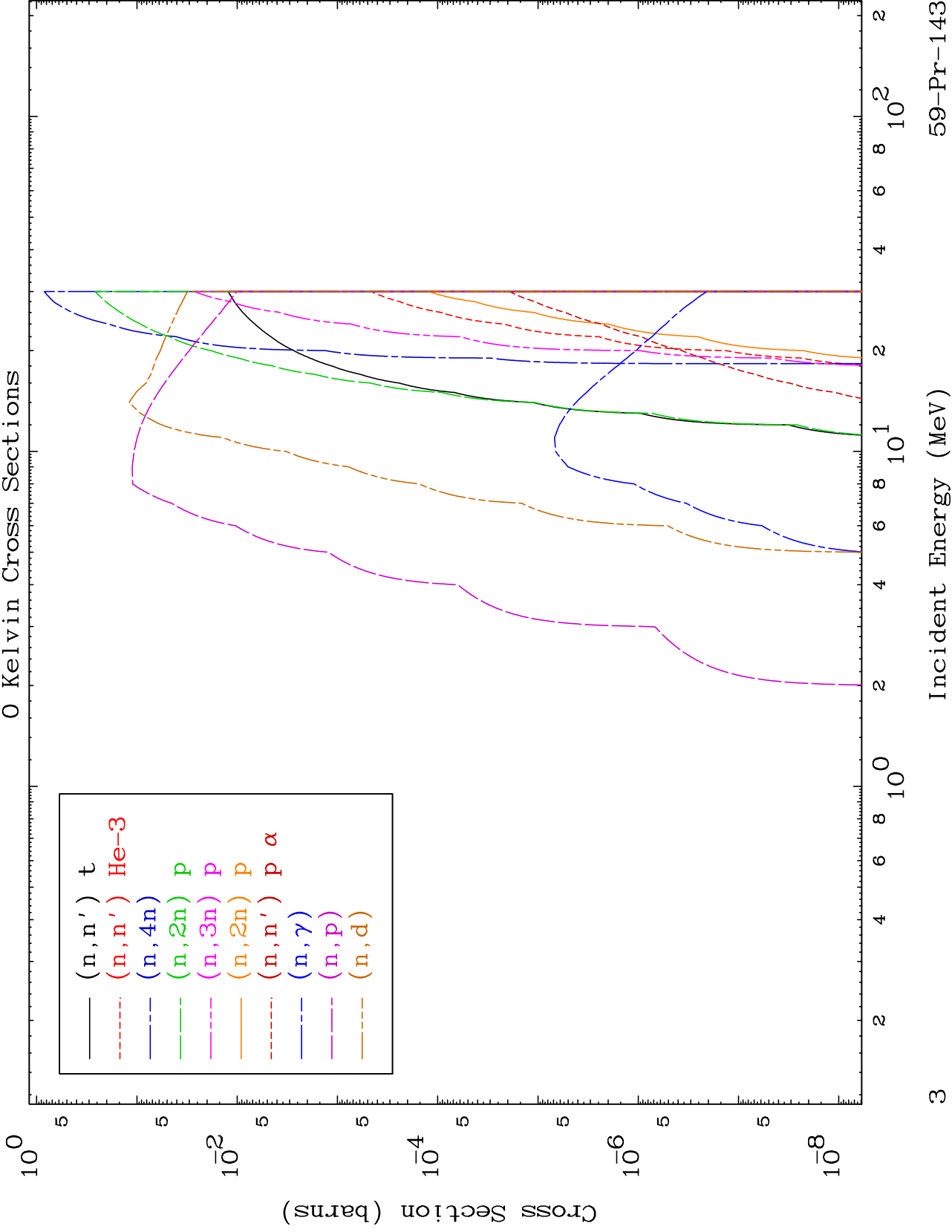


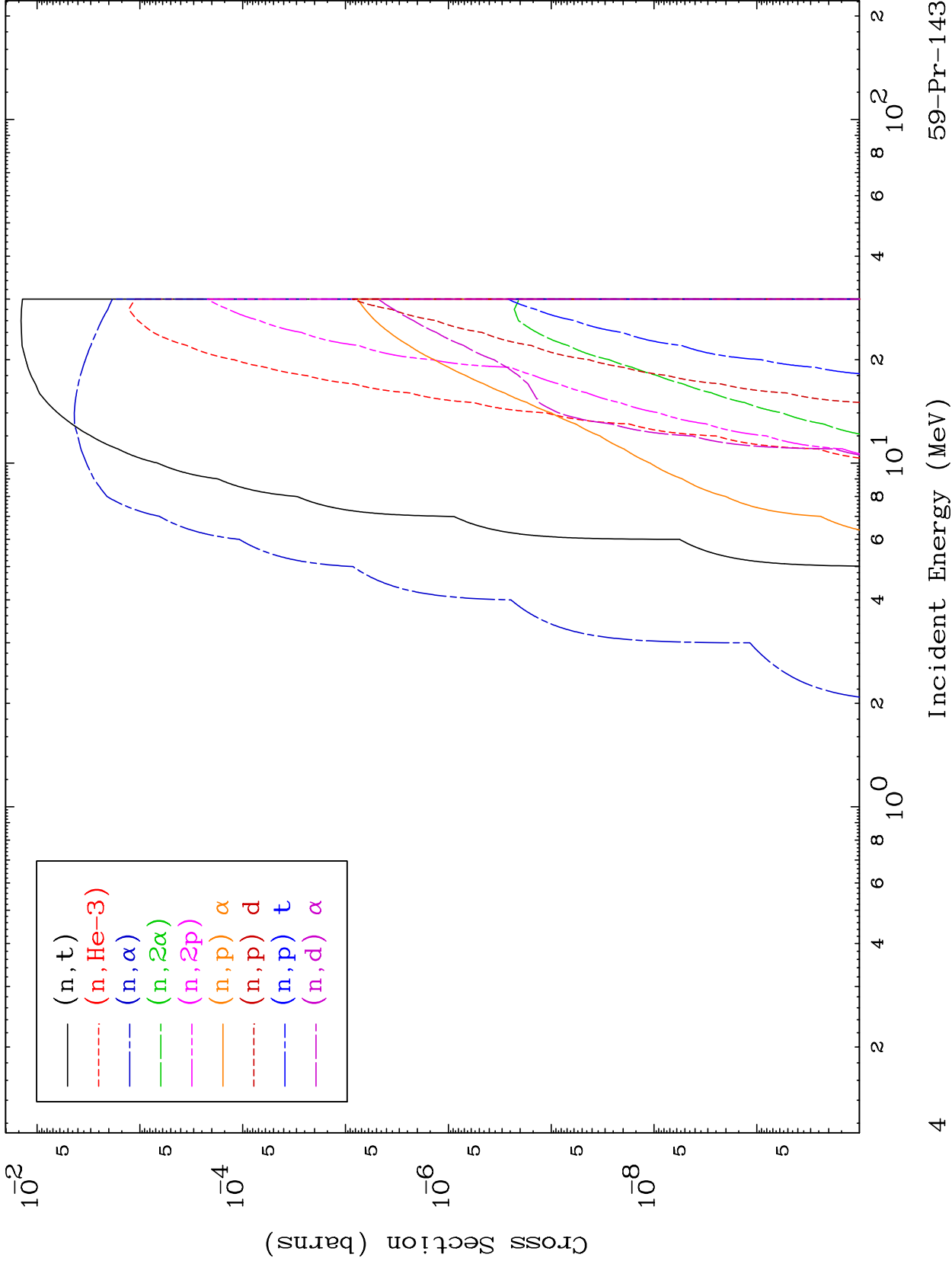


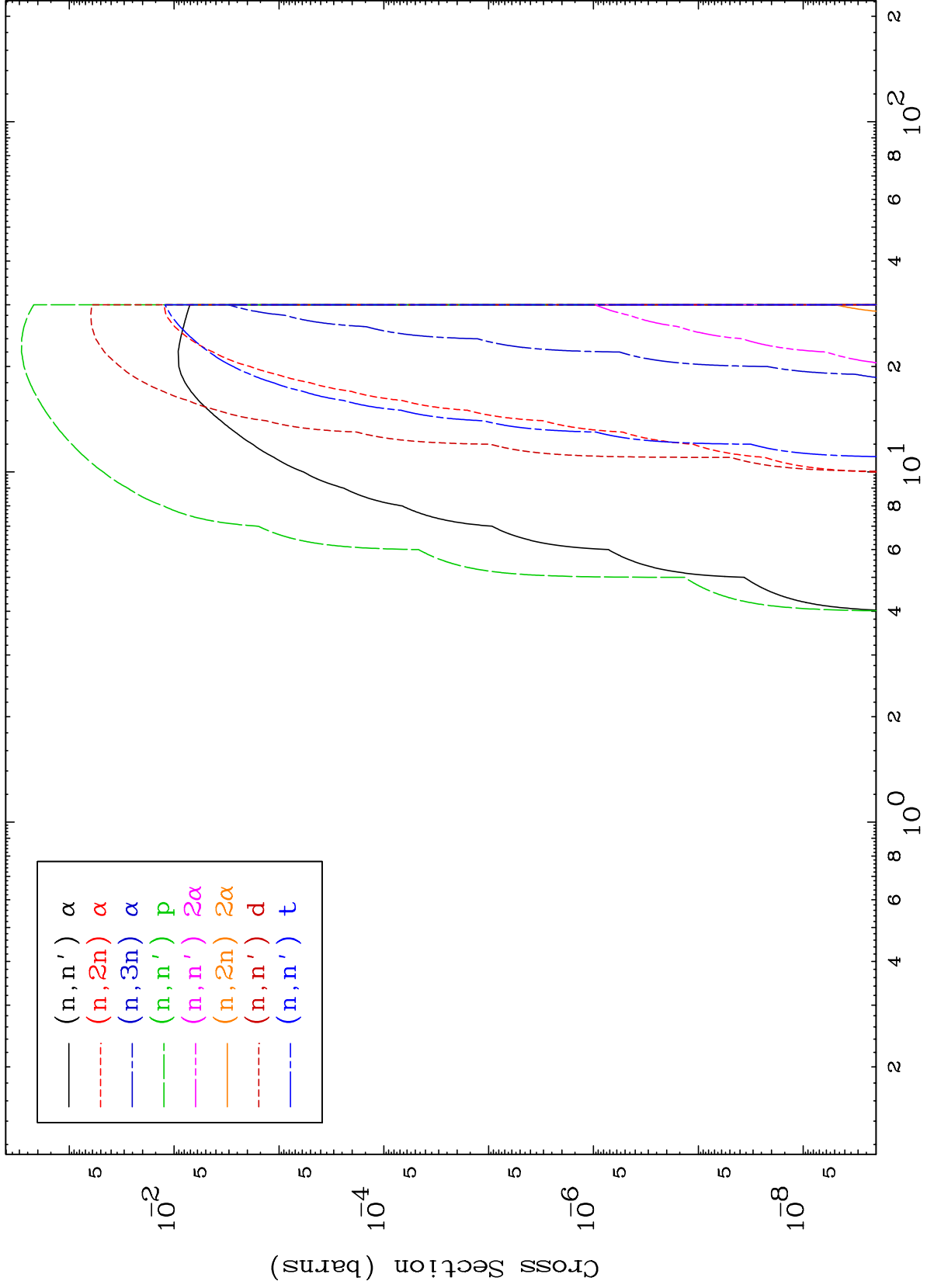
MAT 5931

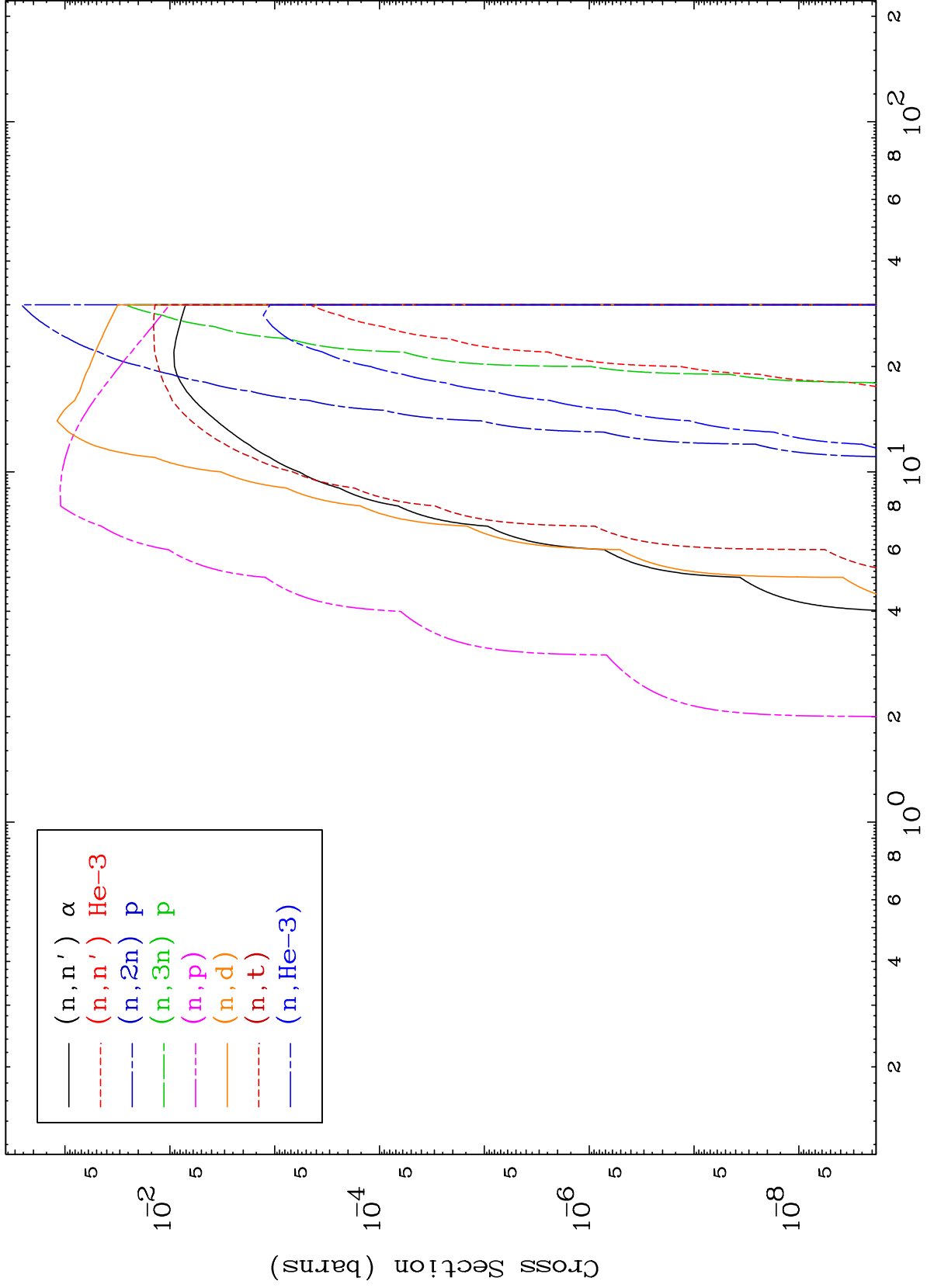
Deuteron Neutron Absorption
0 Kelvin Cross Sections

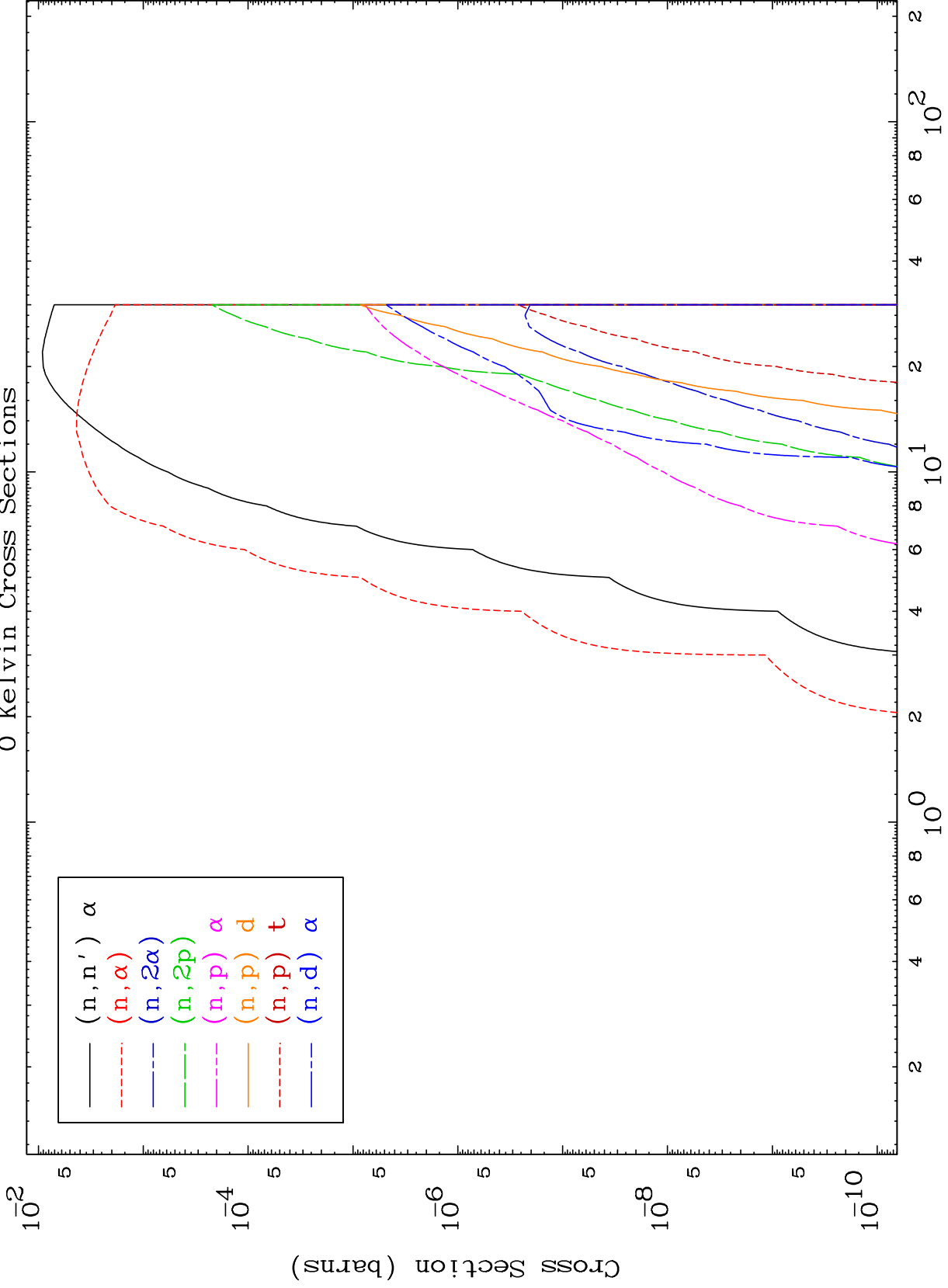
59-Pr-143









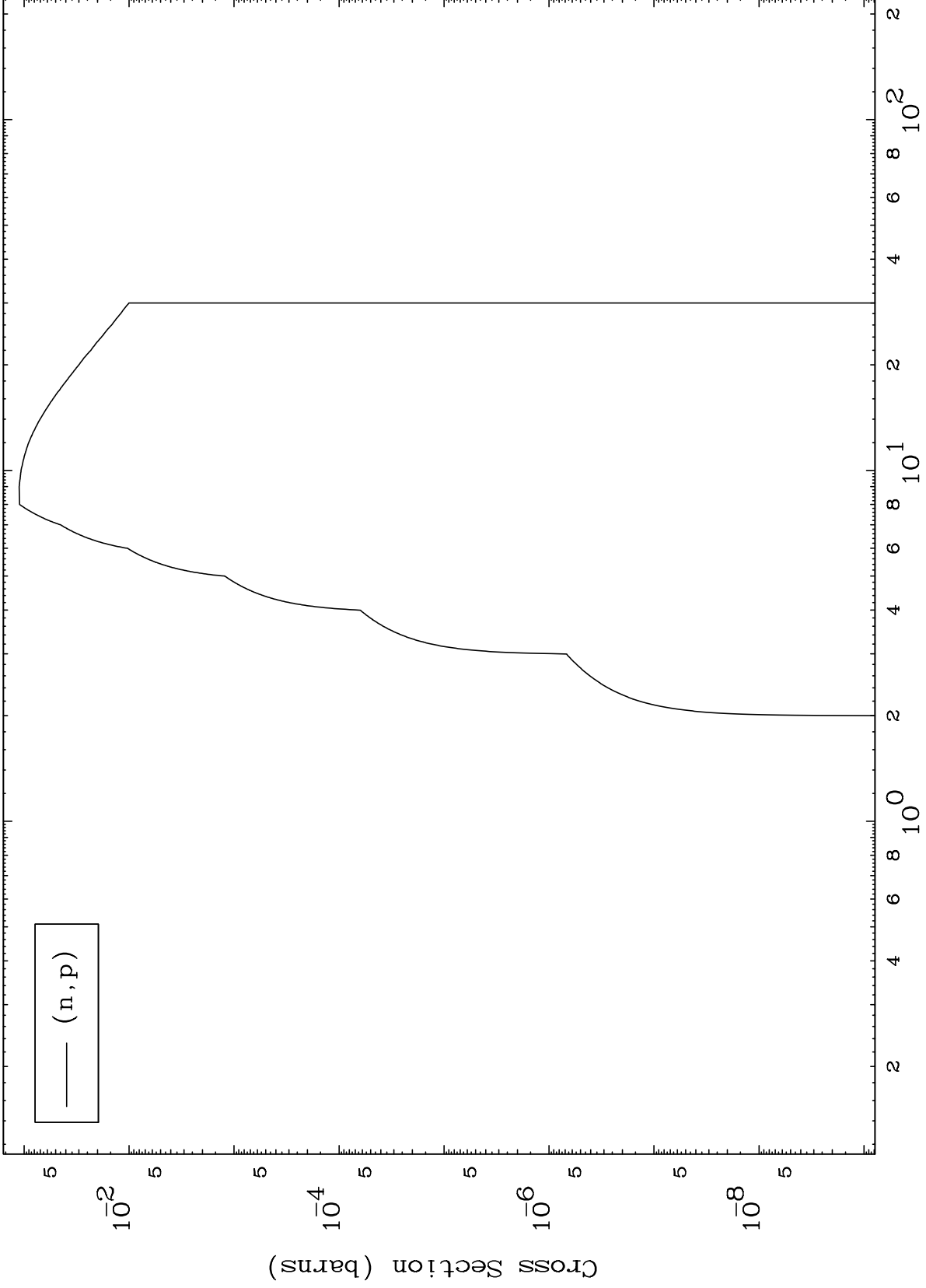


MAT 5931

(d,p) Levels

59-Pr-143

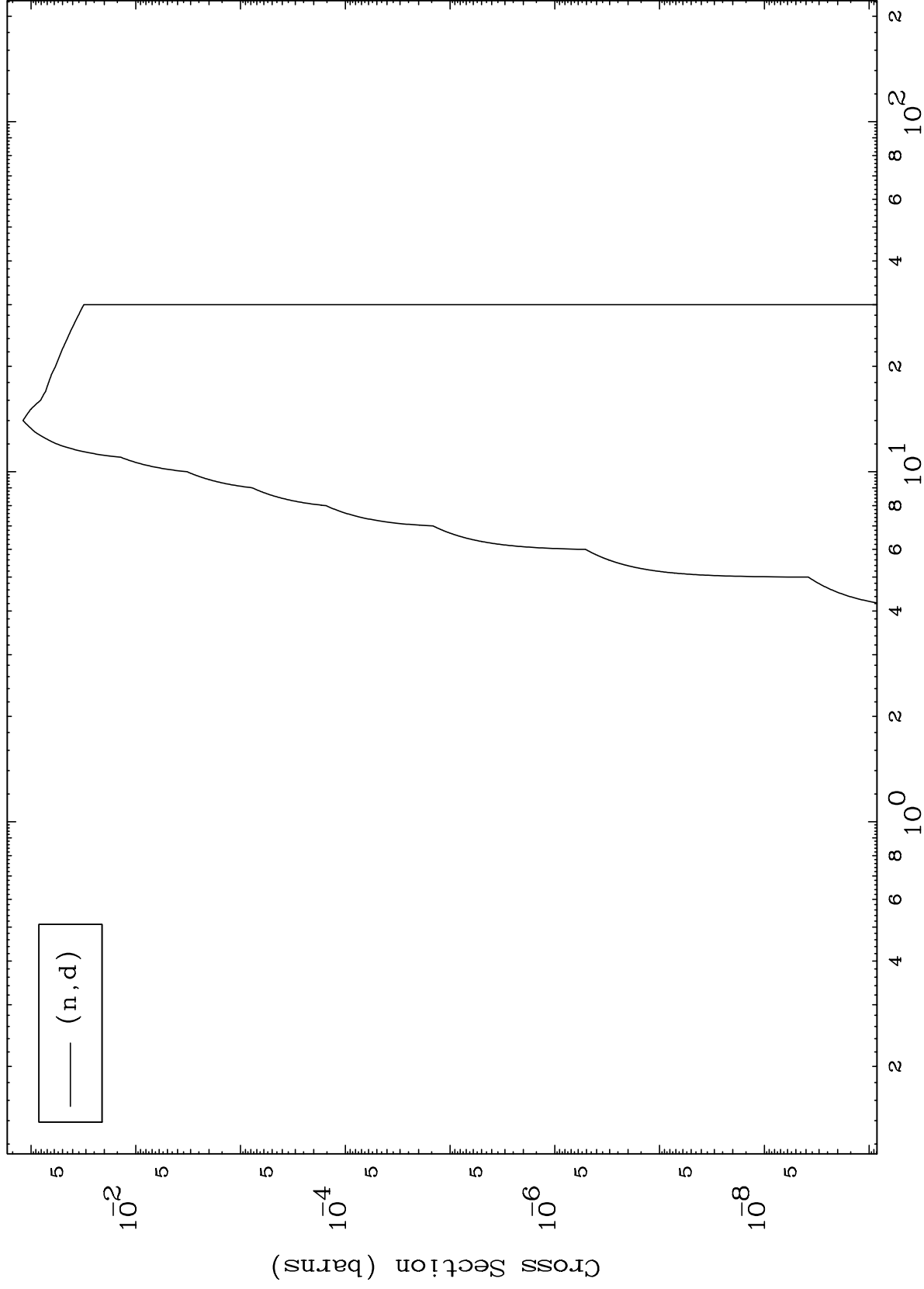
0 Kelvin Cross Sections



MAT 5931

59-Pr-143

(d,d) Levels
0 Kelvin Cross Sections

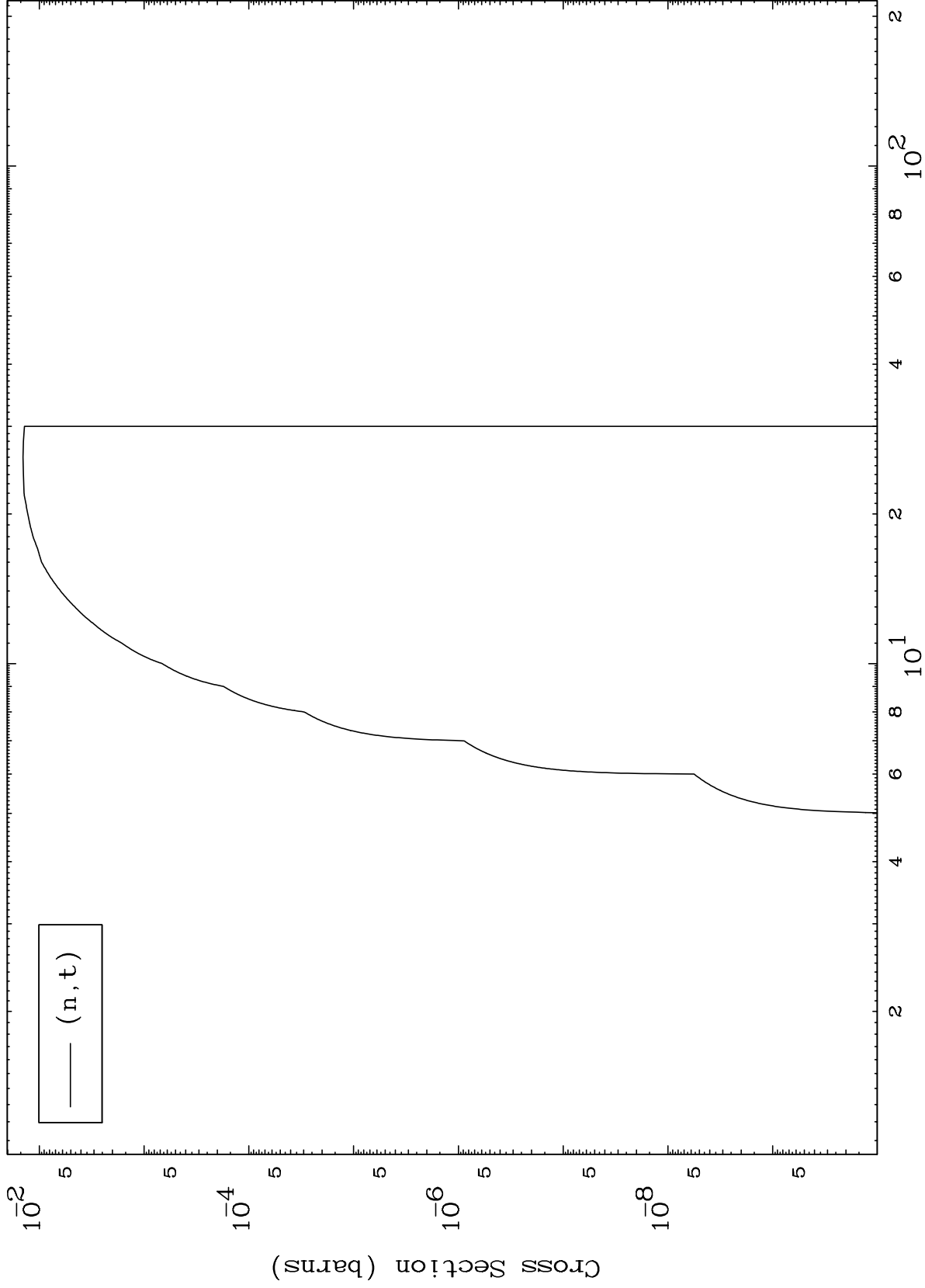


MAT 5931

(d,t) Levels

59-Pr-143

0 Kelvin Cross Sections



10

Incident Energy (MeV)

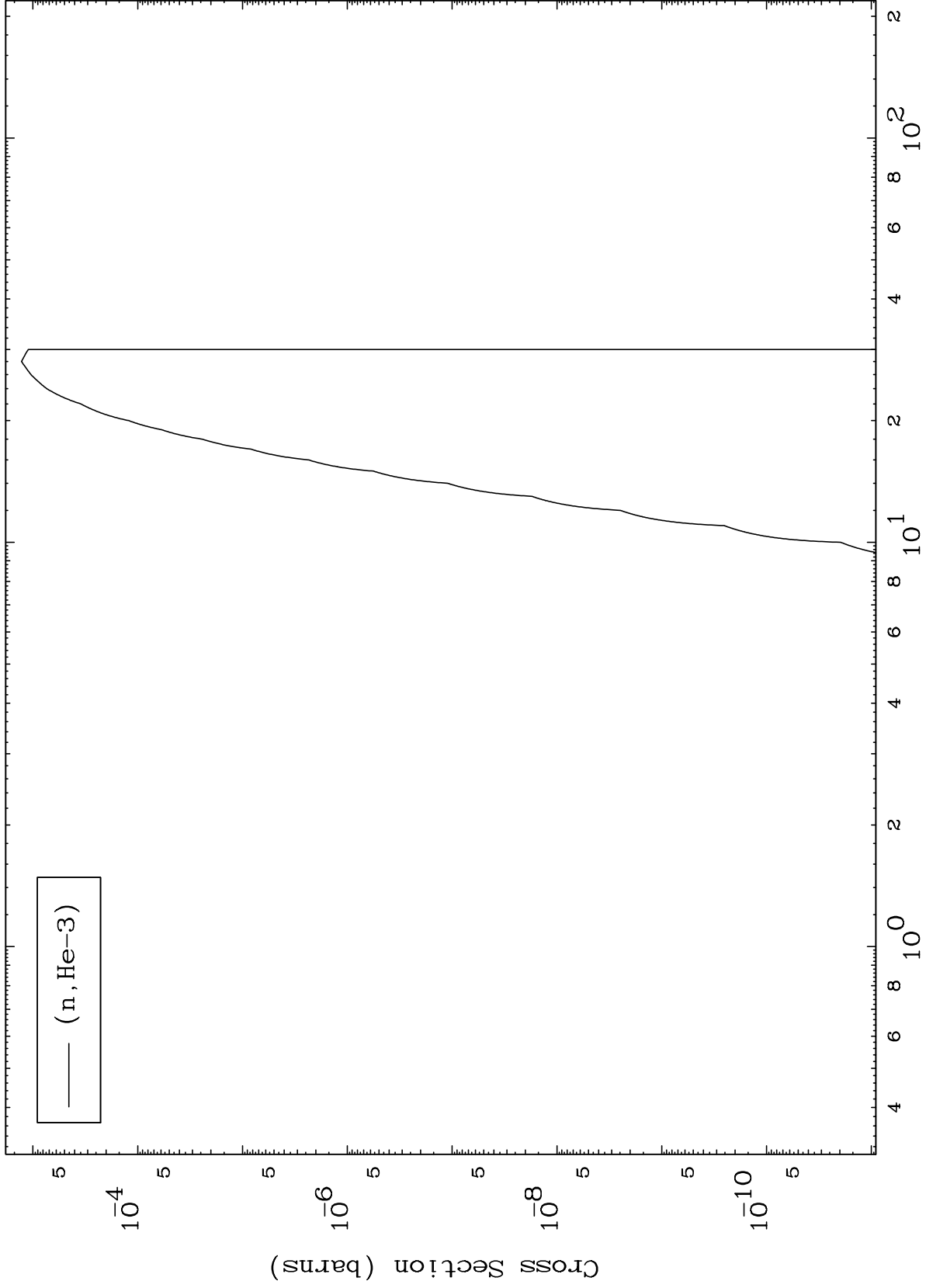
59-Pr-143

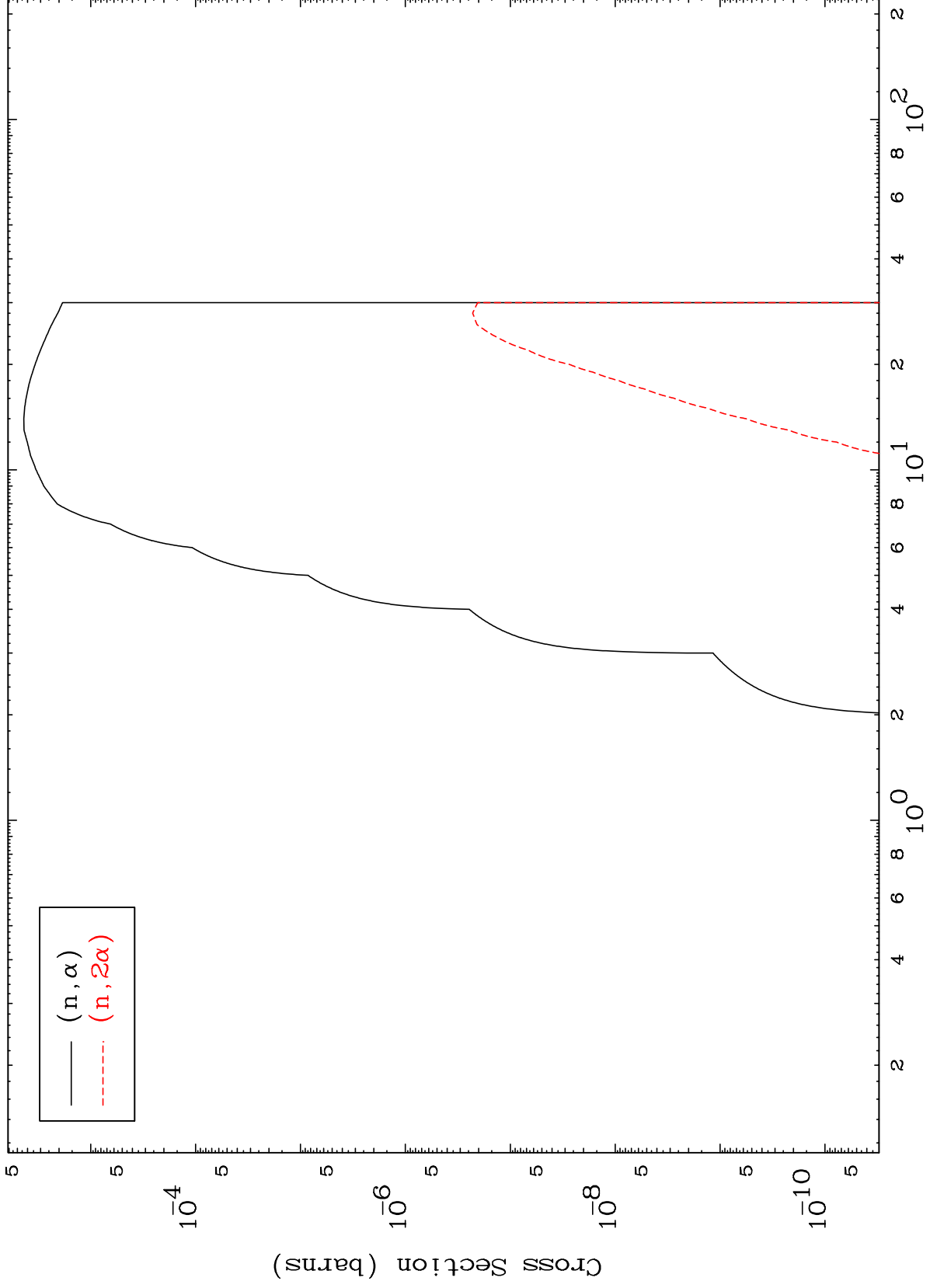
MAT 5931

(d,He3) Levels

59-Pr-143

0 Kelvin Cross Sections



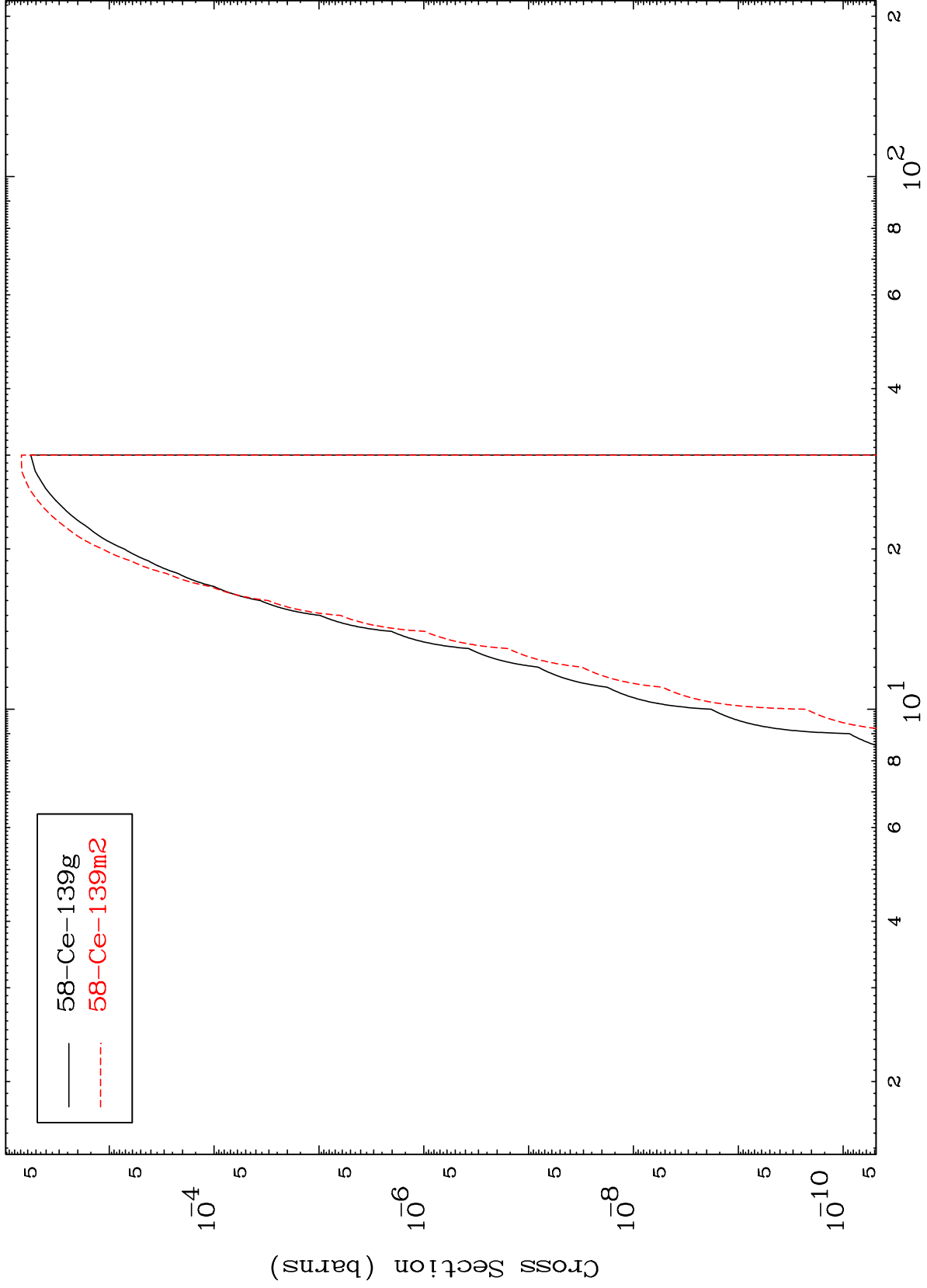


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(n,2n) α

59-Pr-143

Radionuclide Production Cross Section



13

Incident Energy (MeV)

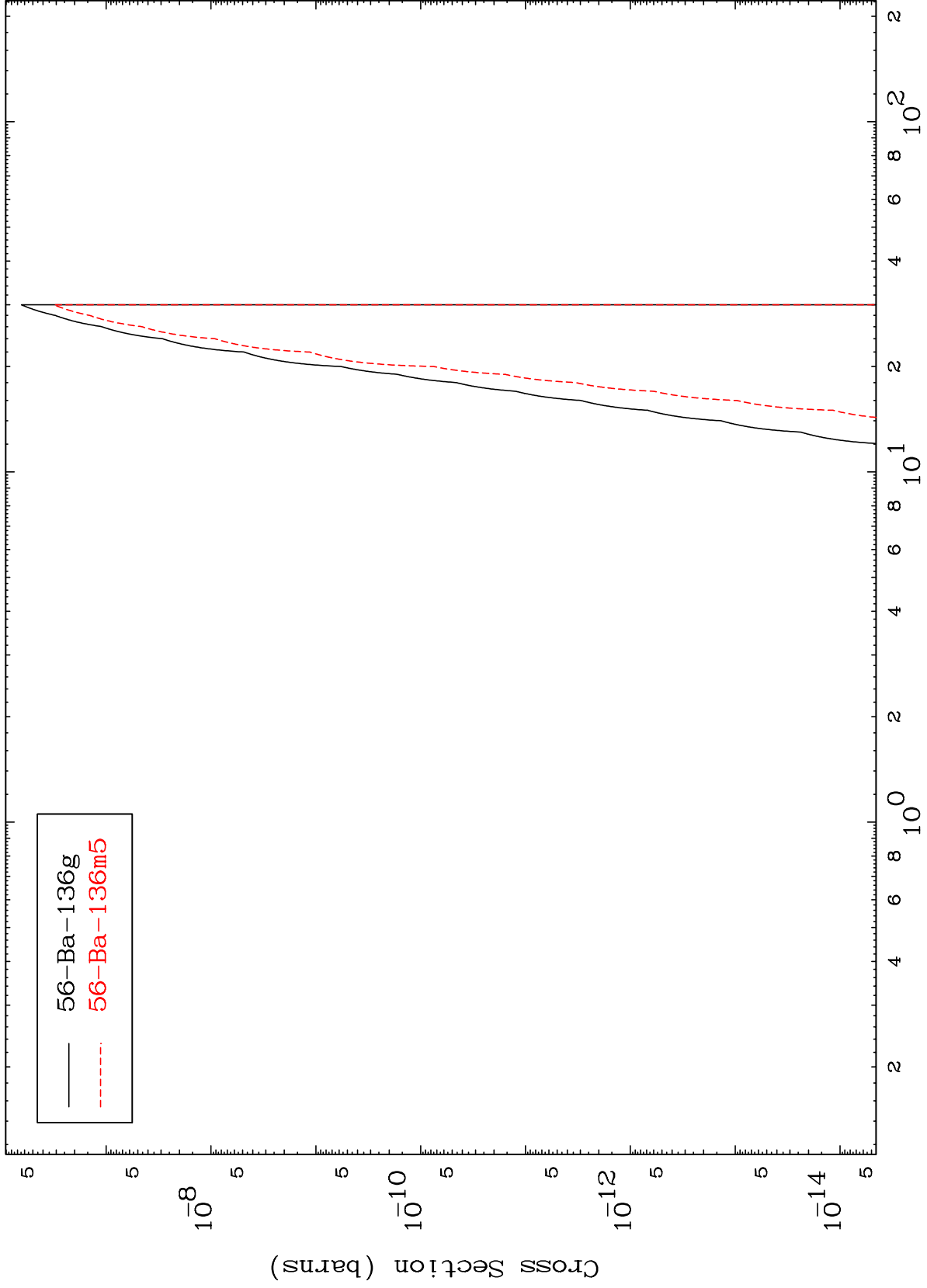
59-Pr-143

MAT 5931

(n,n') 2 α

59-Pr-143

Radionuclide Production Cross Section



14

Incident Energy (MeV)

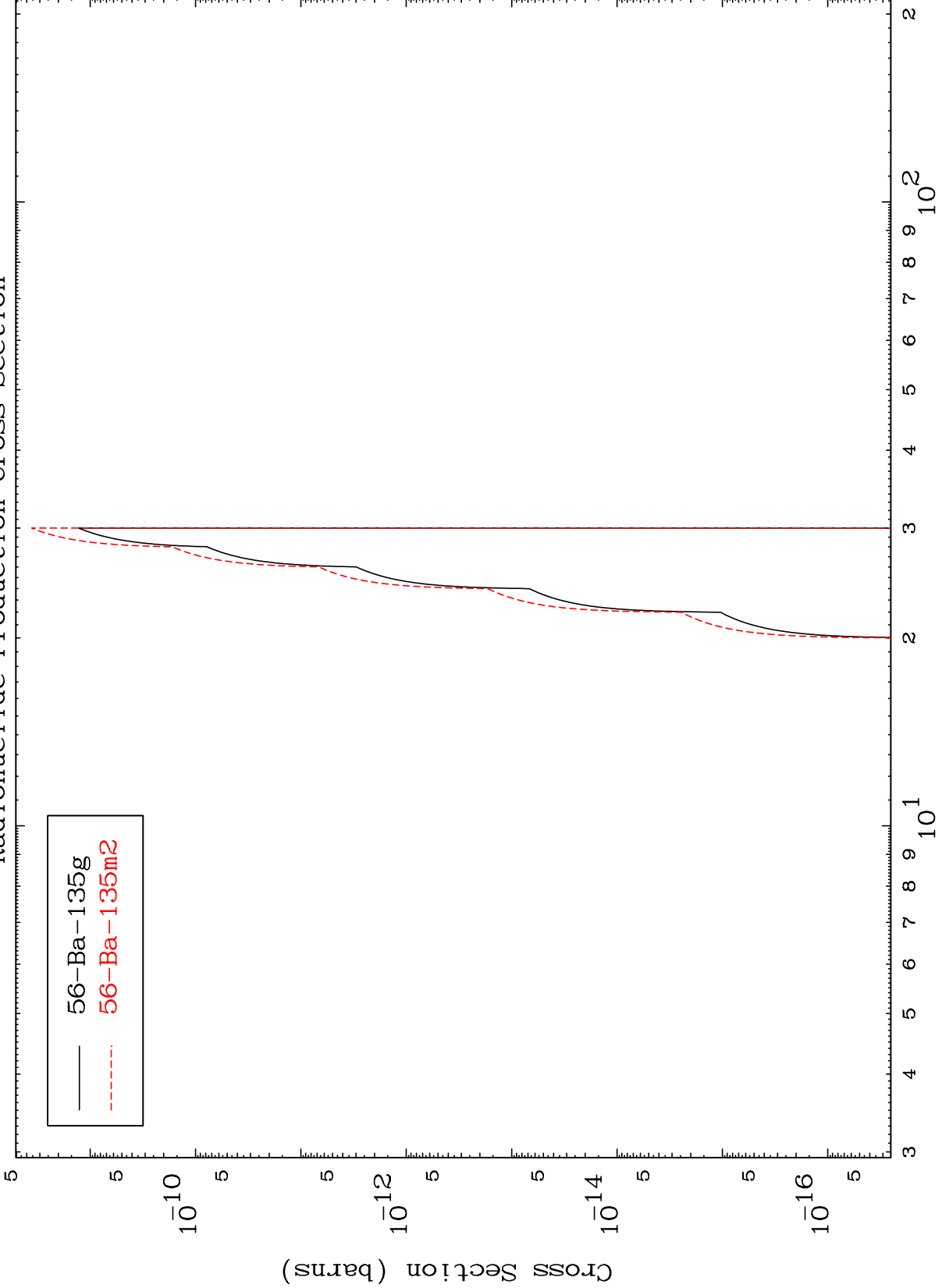
59-Pr-143

MAT 5931

^{56}Ba 2α

59-Pr-143

Radionuclide Production Cross Section



15

Incident Energy (MeV)

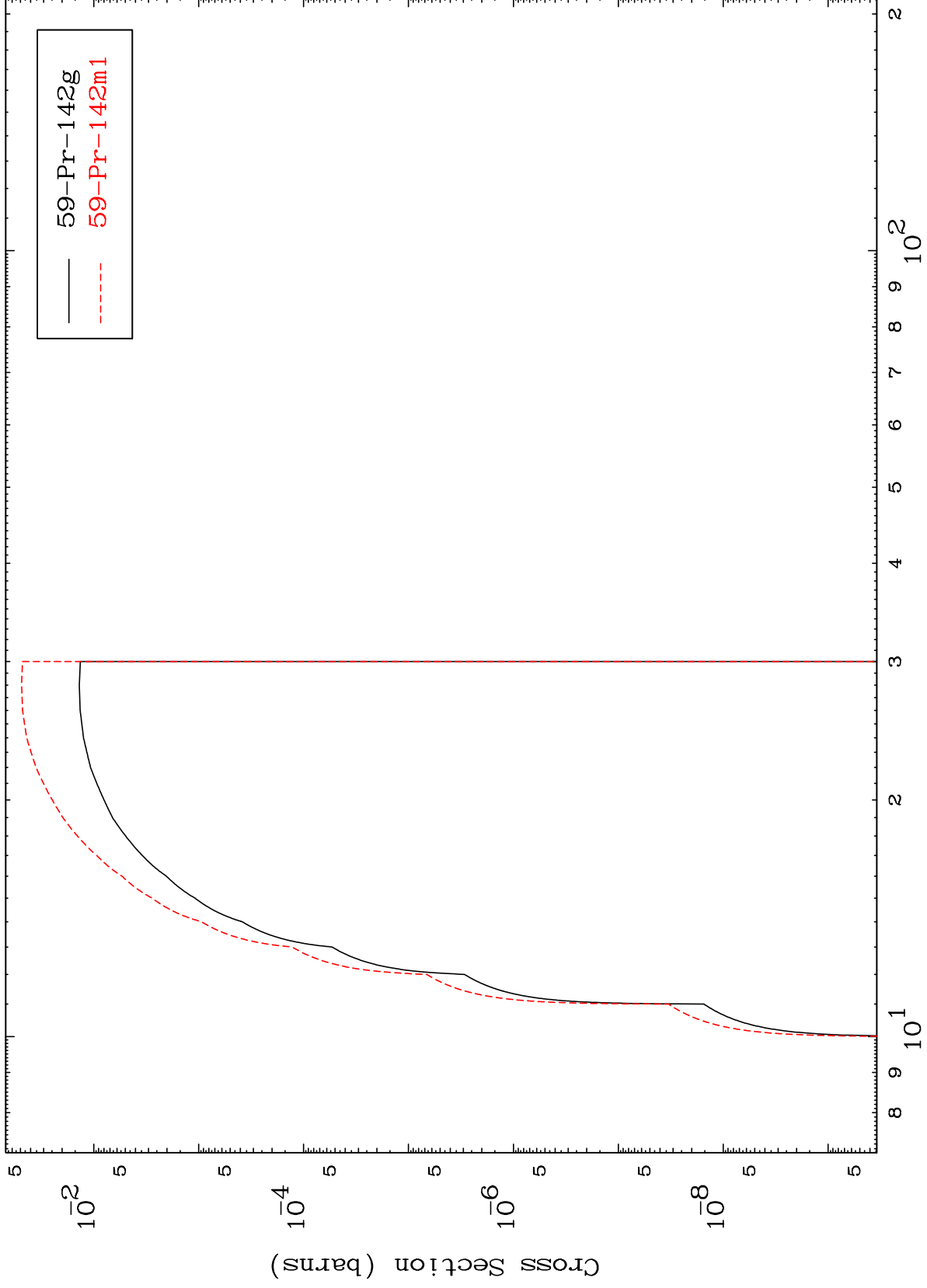
59-Pr-143

MAT 5931

(n,n') d

59-Pr-143

Radionuclide Production Cross Section

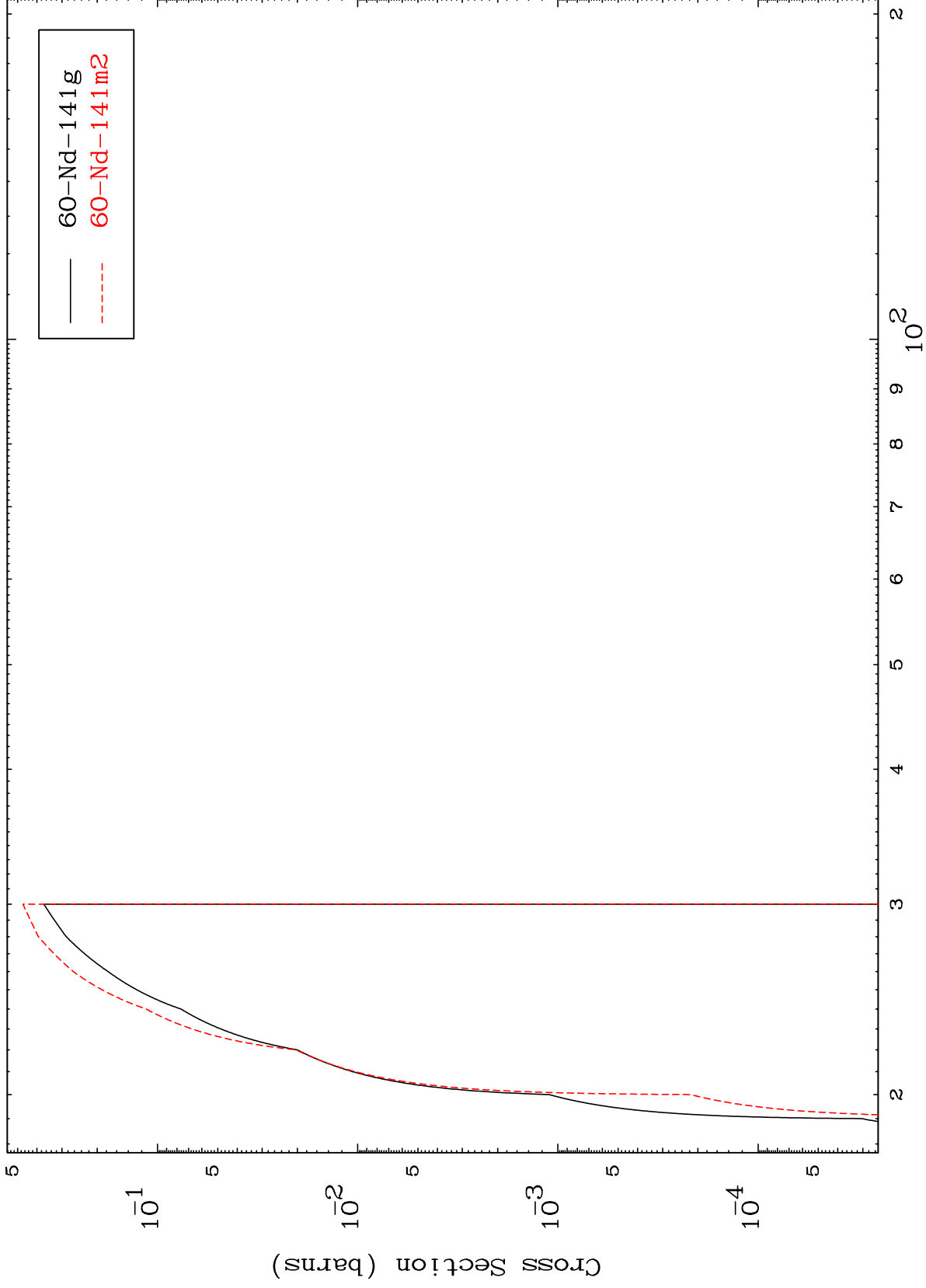


16

Incident Energy (MeV)

59-Pr-143

Radionuclide Production Cross Section

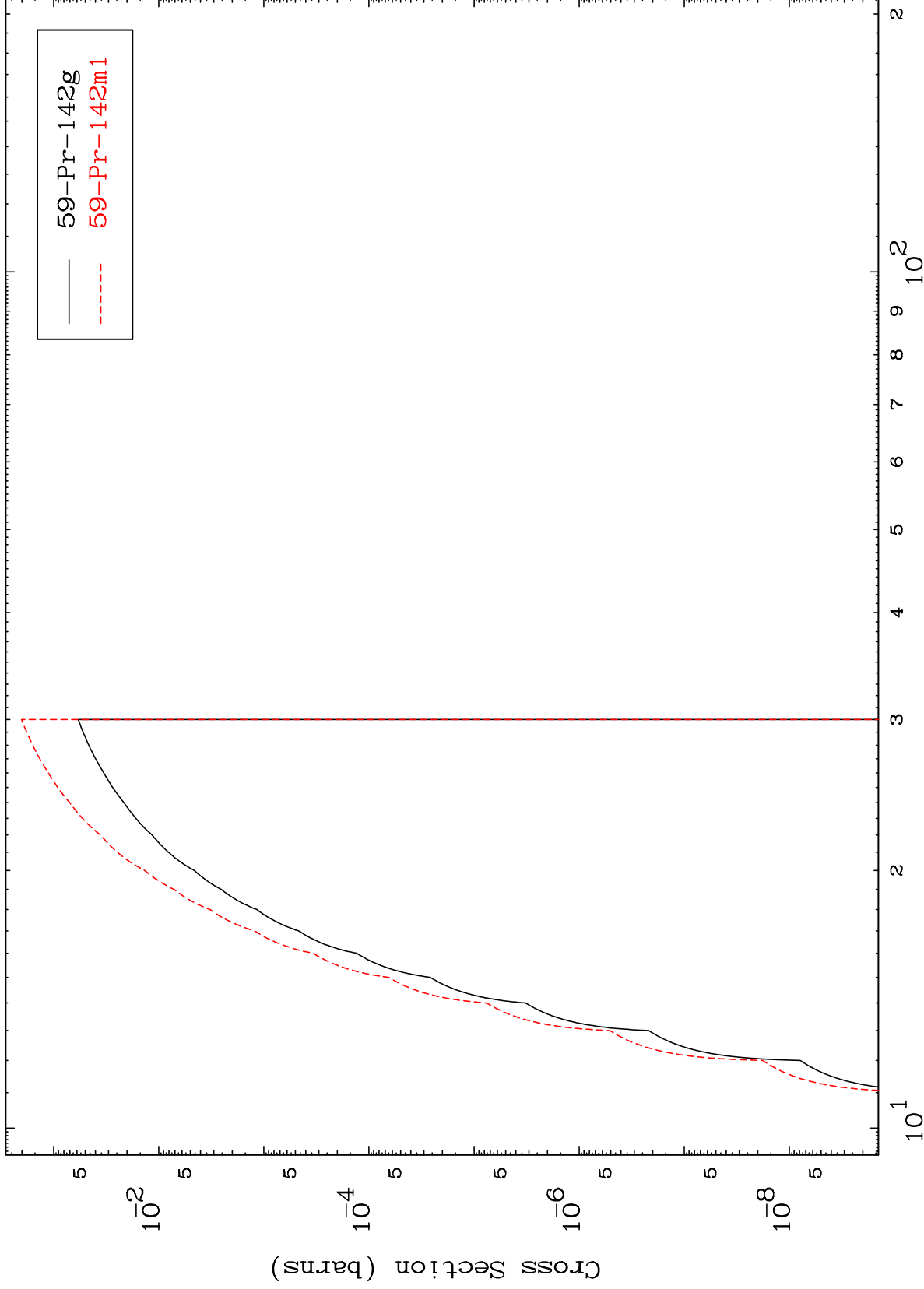


MAT 5931

(n,2n) p

59-Pr-143

Radionuclide Production Cross Section



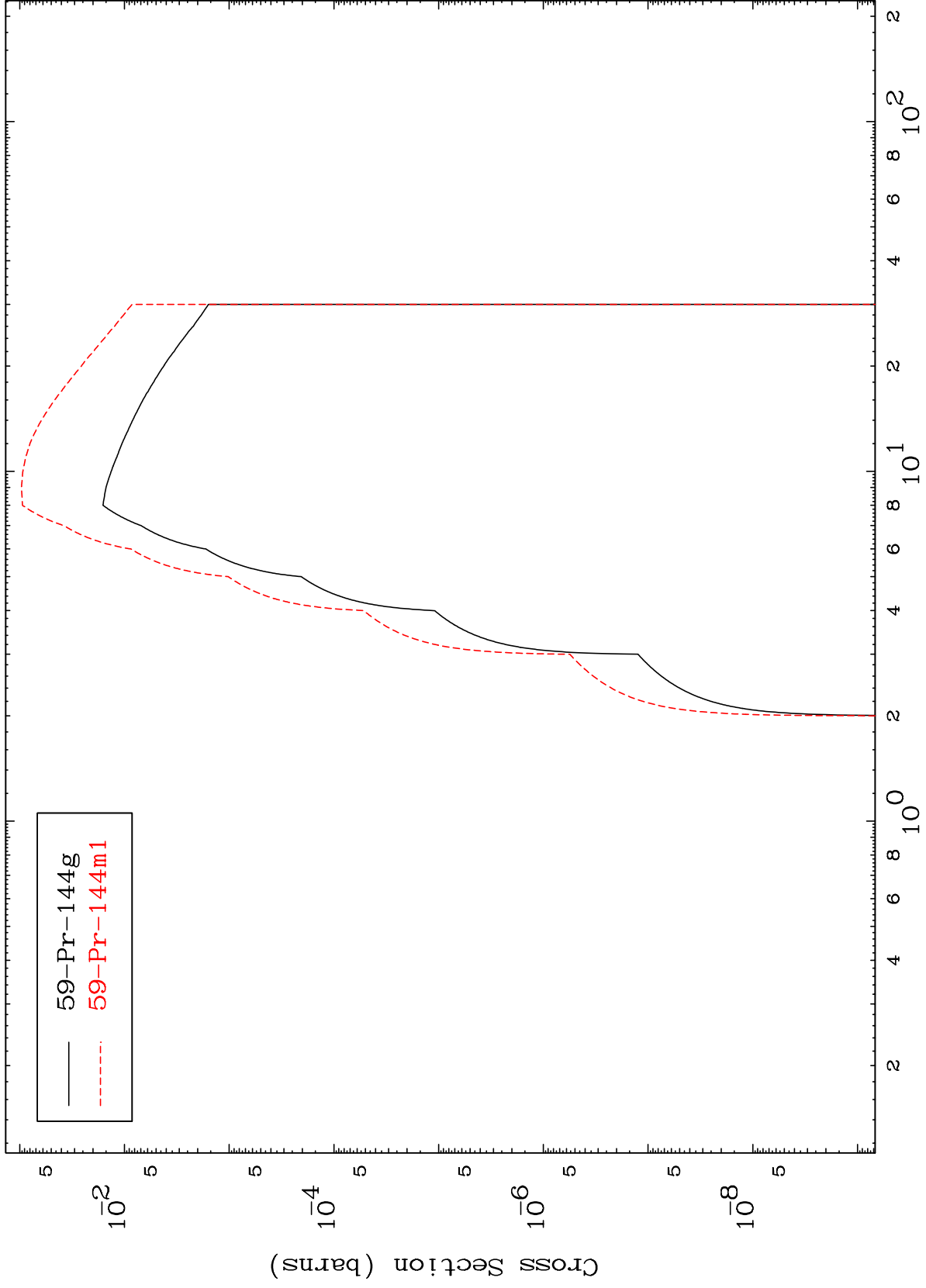
Incident Energy (MeV)

59-Pr-143

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59-Pr-143

(n,p)
Radionuclide Production Cross Section



19

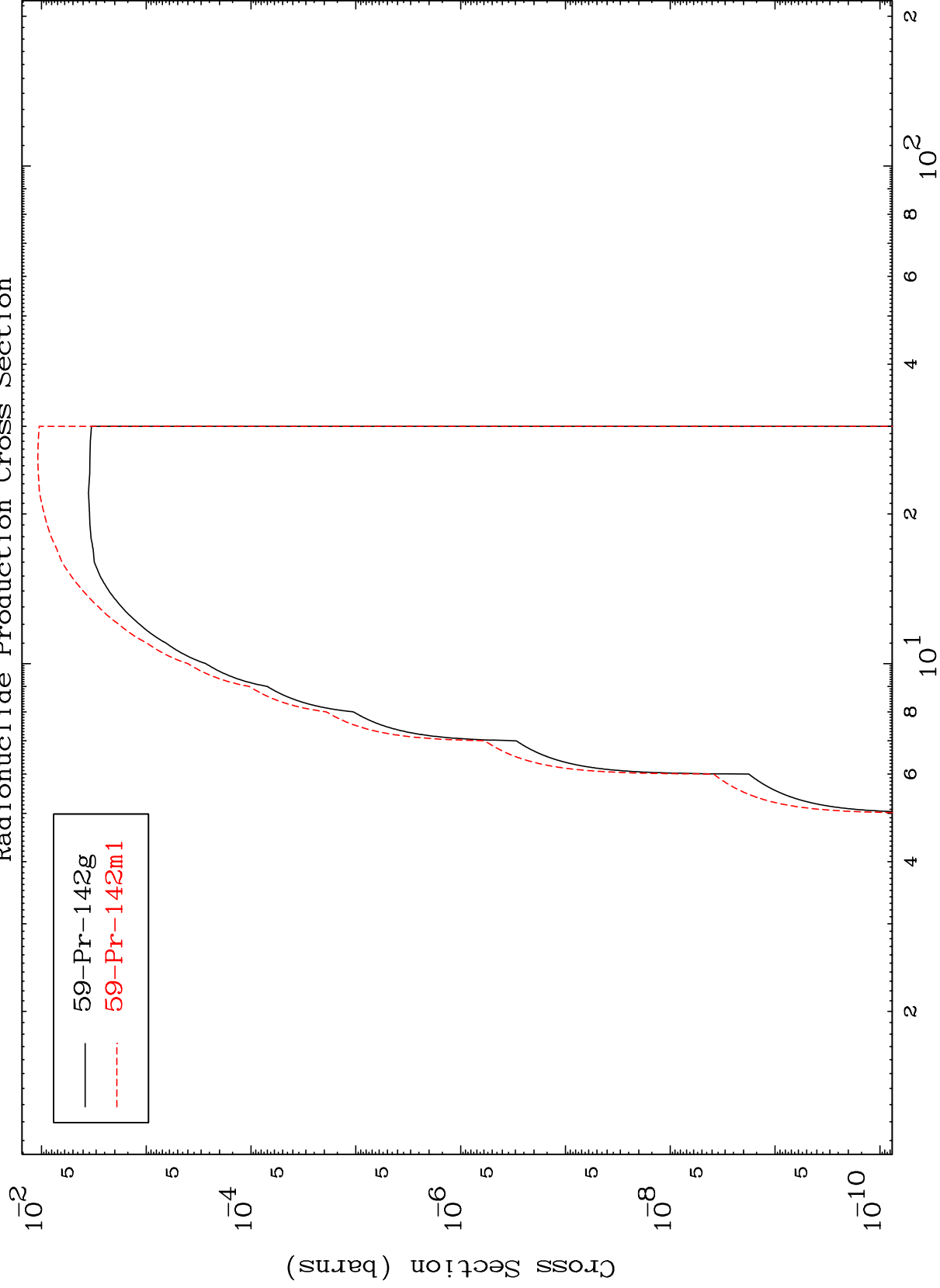
59-Pr-143

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

