

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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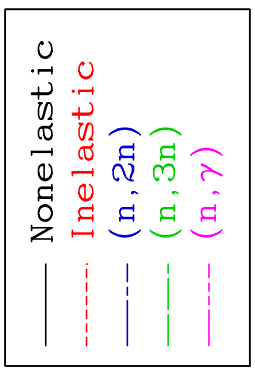
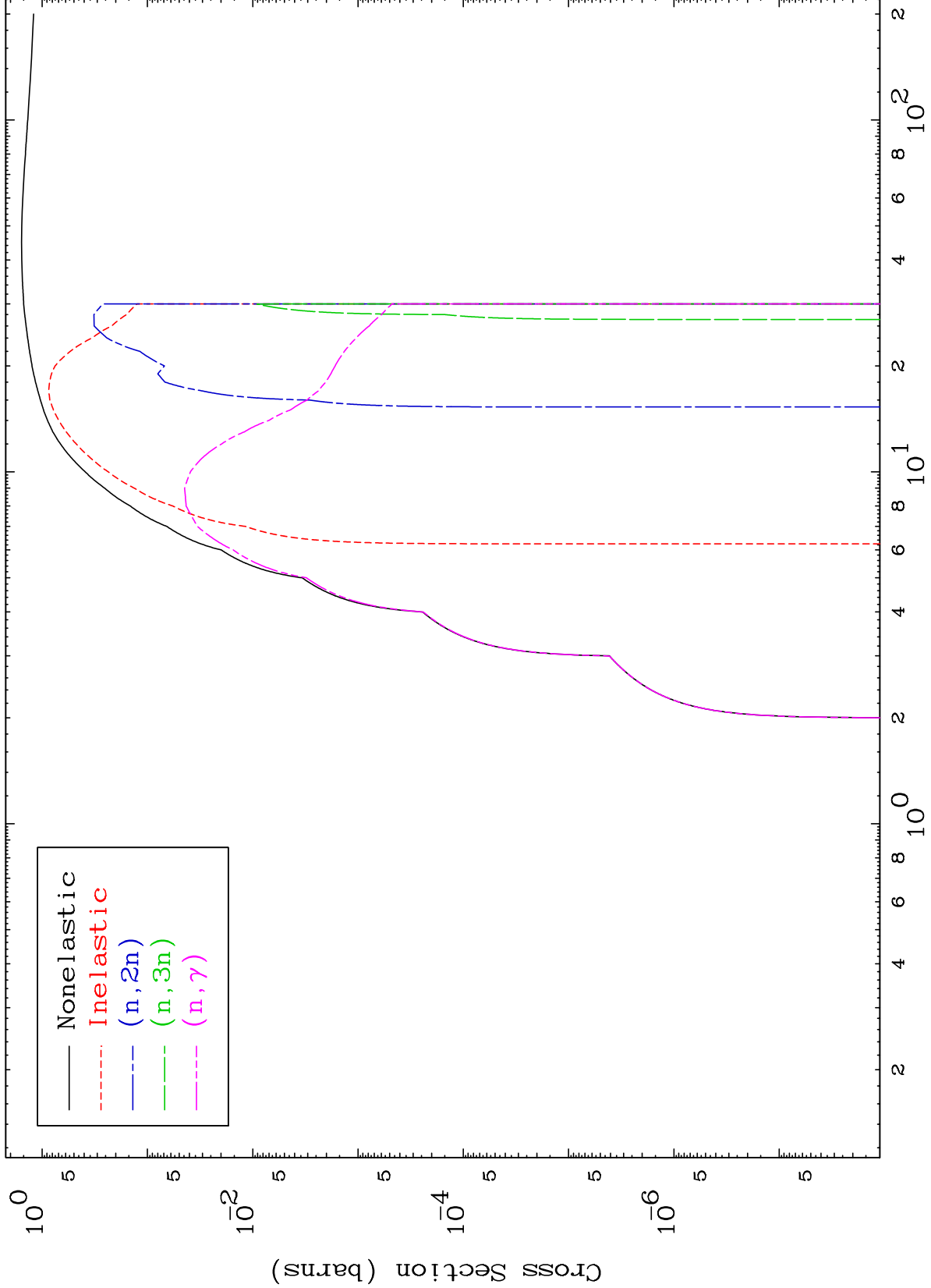
Tele: 925-443-1911

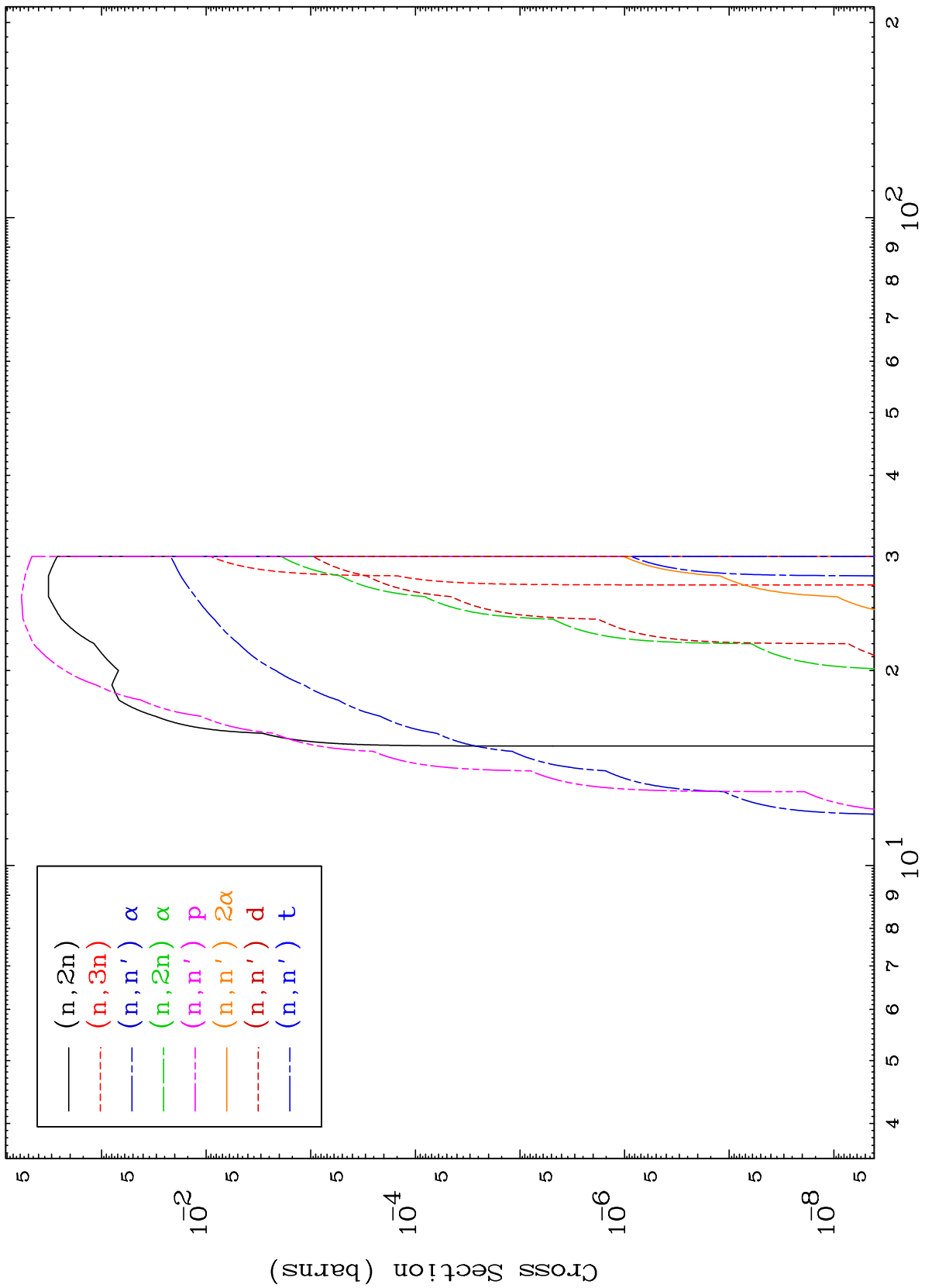
E.Mail:redcullen1@comcast.net

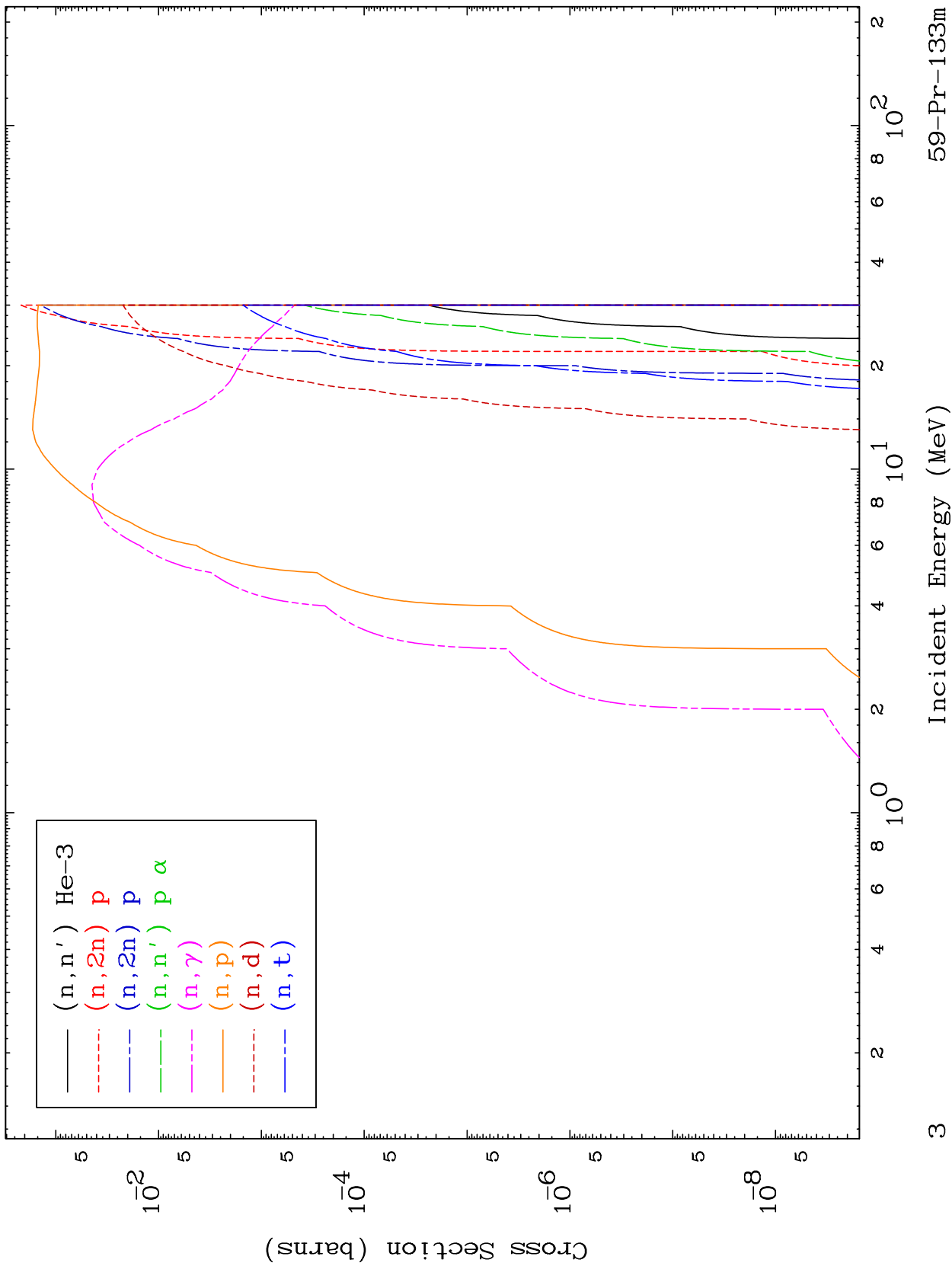
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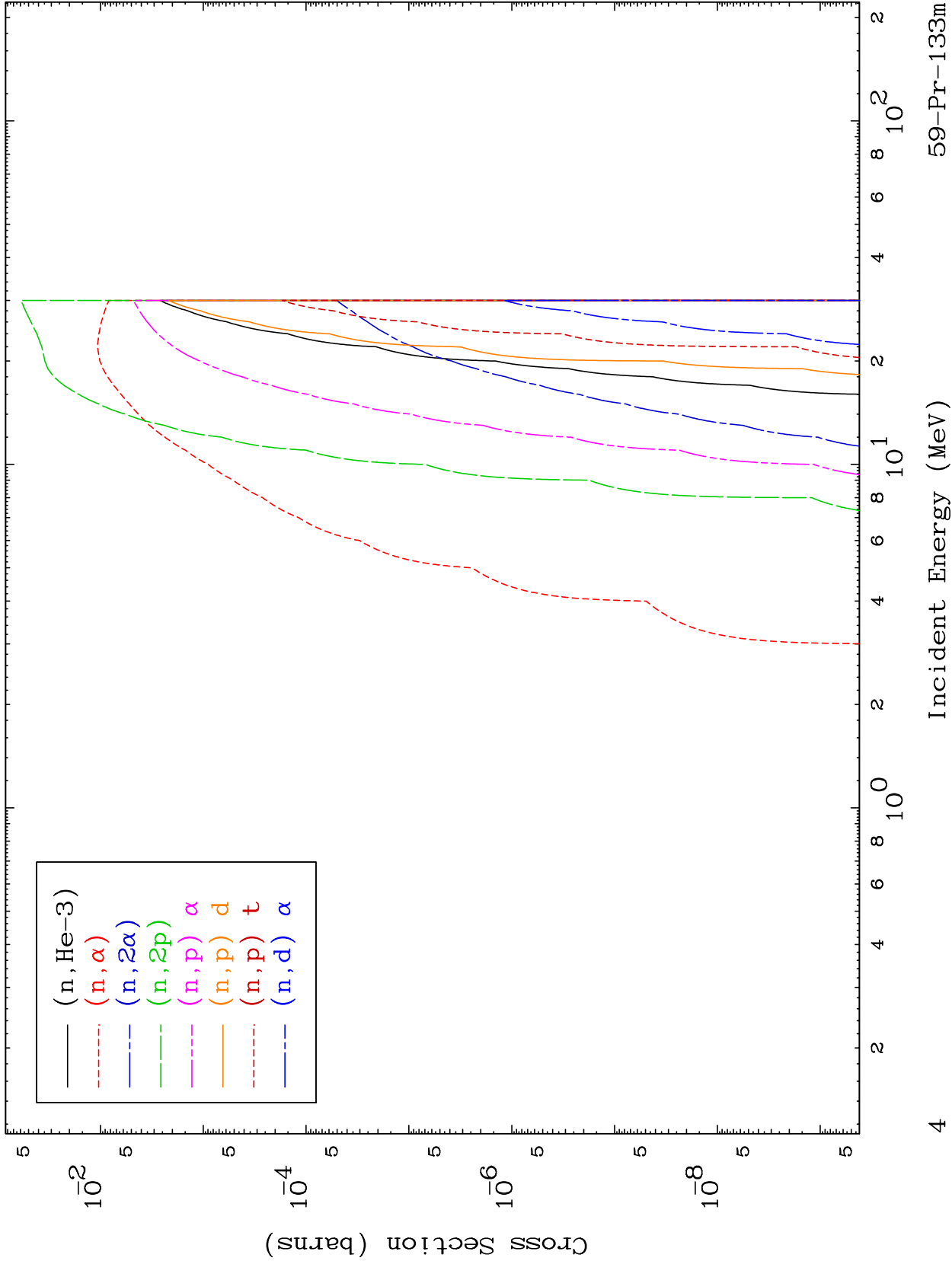
Press Mouse Button to Start

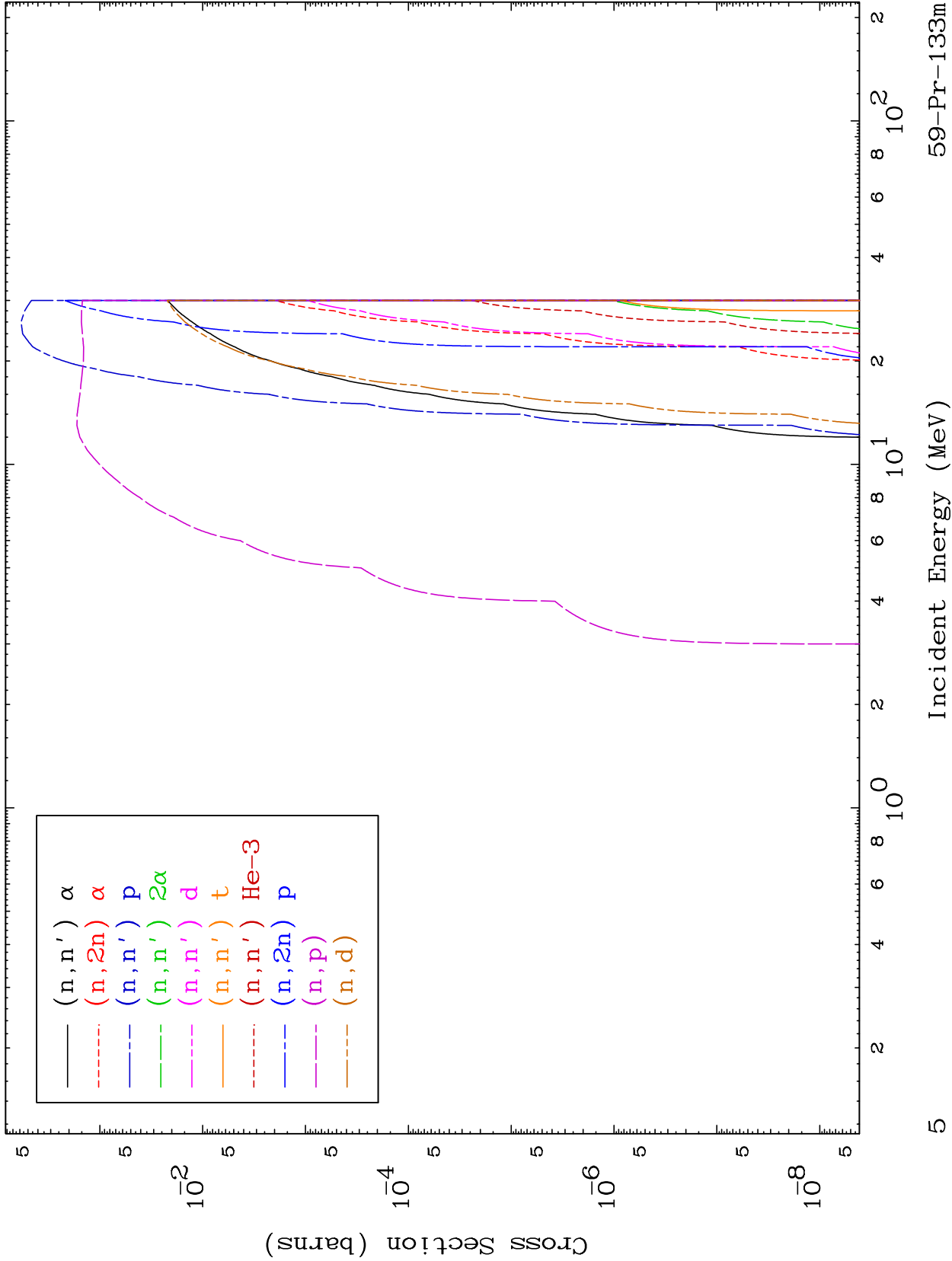
0 Kelvin Cross Sections

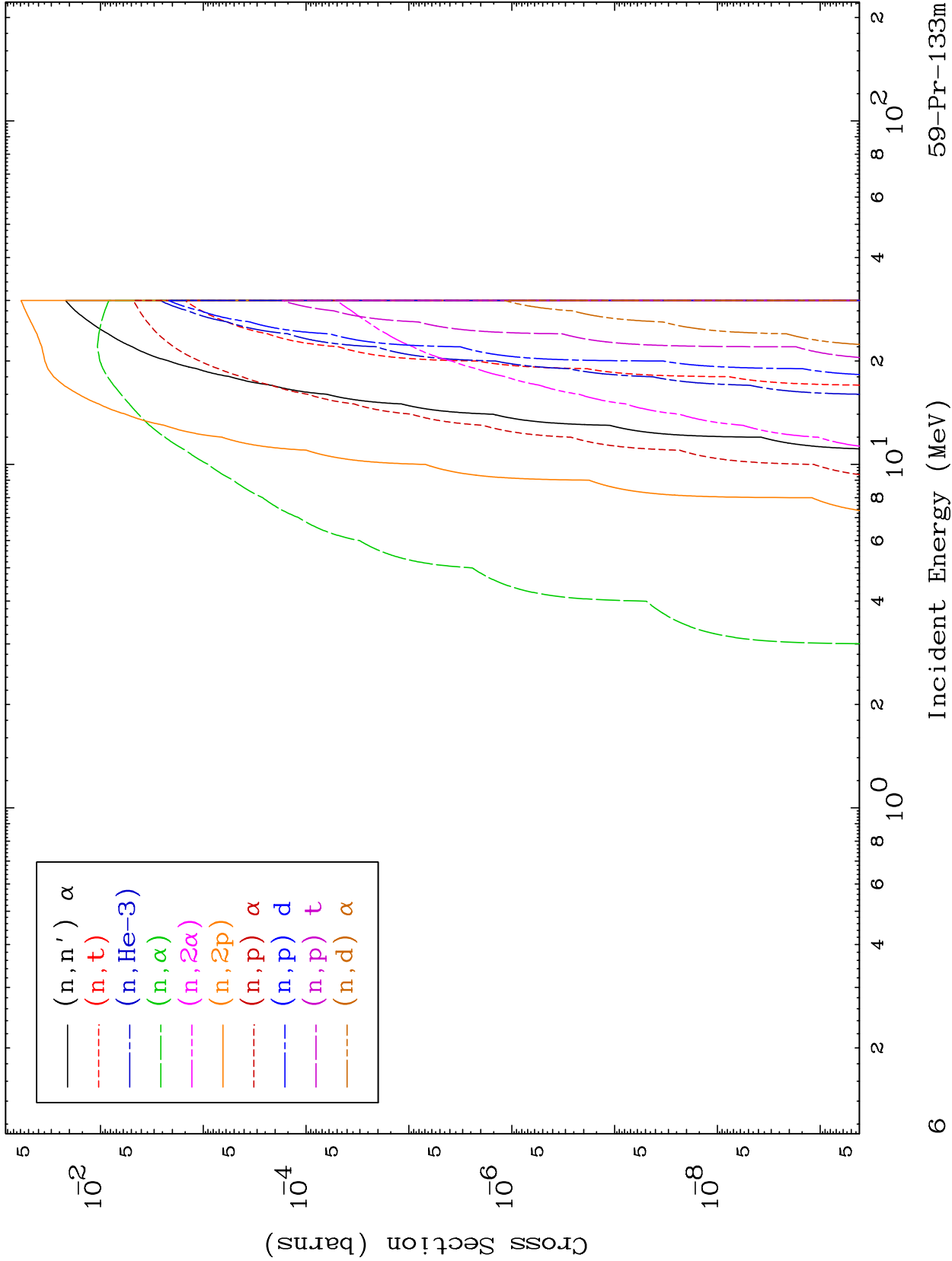










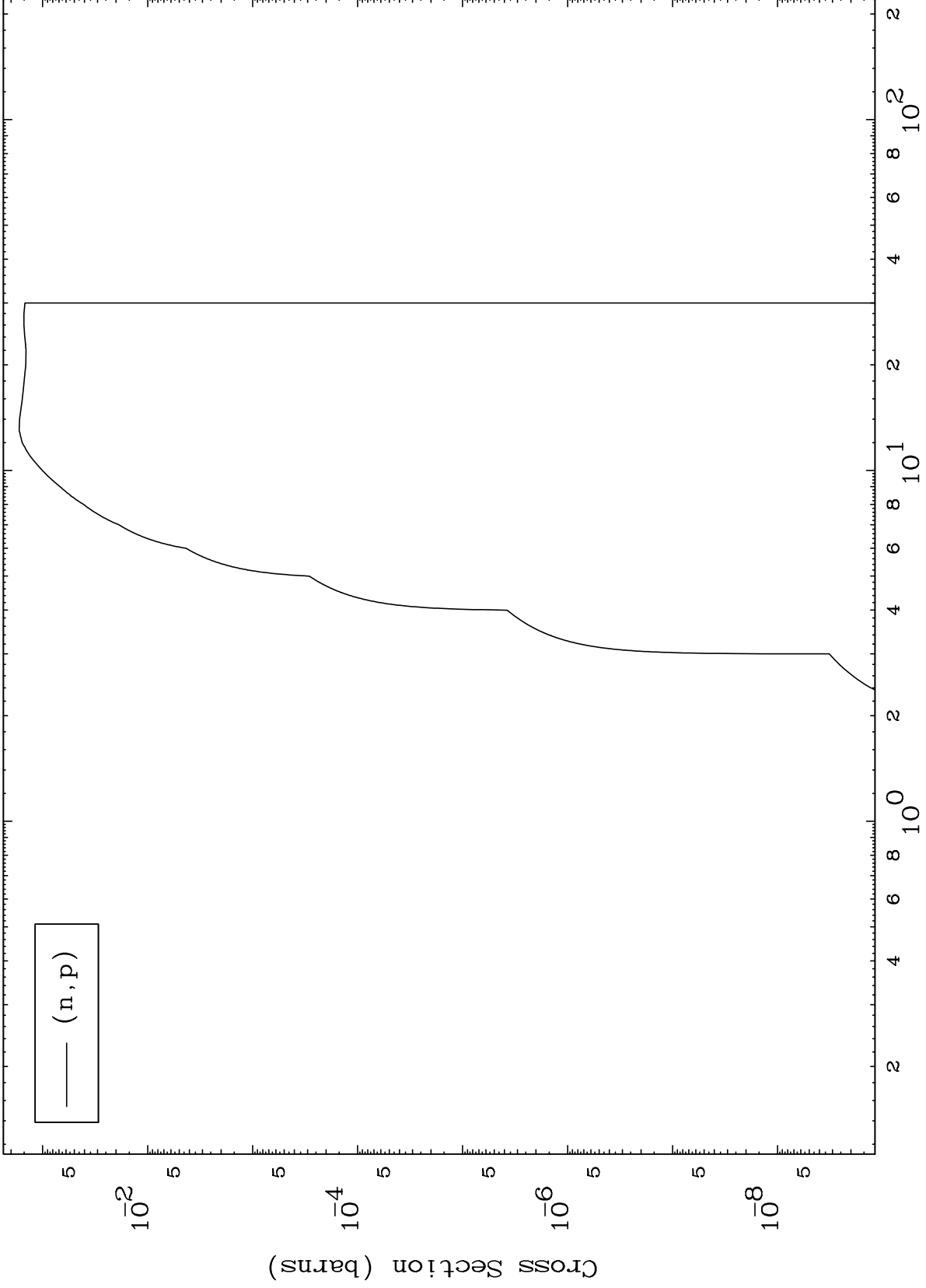


MAT 5902

(p,p) Levels

59-Pr-133m

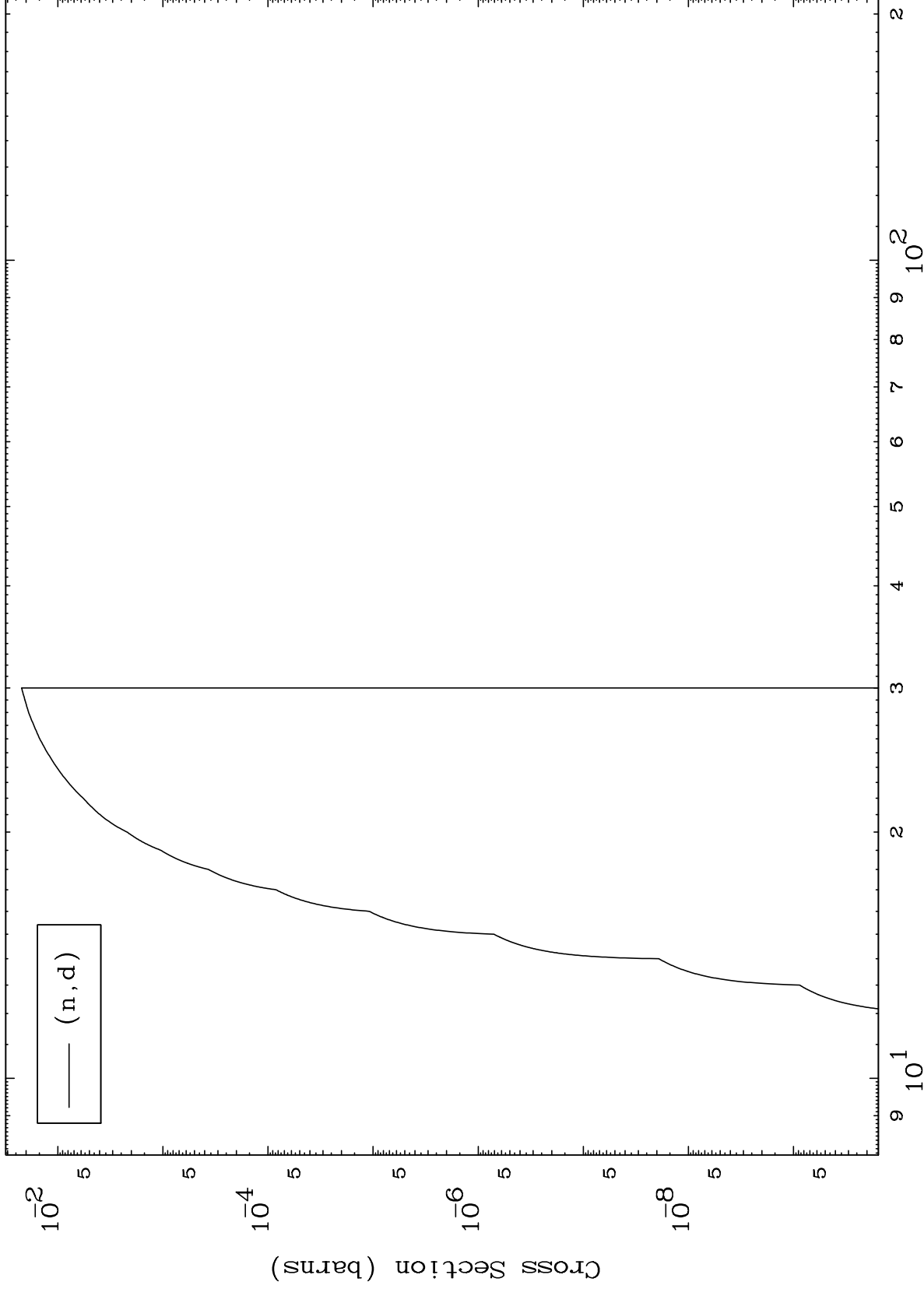
0 Kelvin Cross Sections



MAT 5902

(p,d) Levels
0 Kelvin Cross Sections

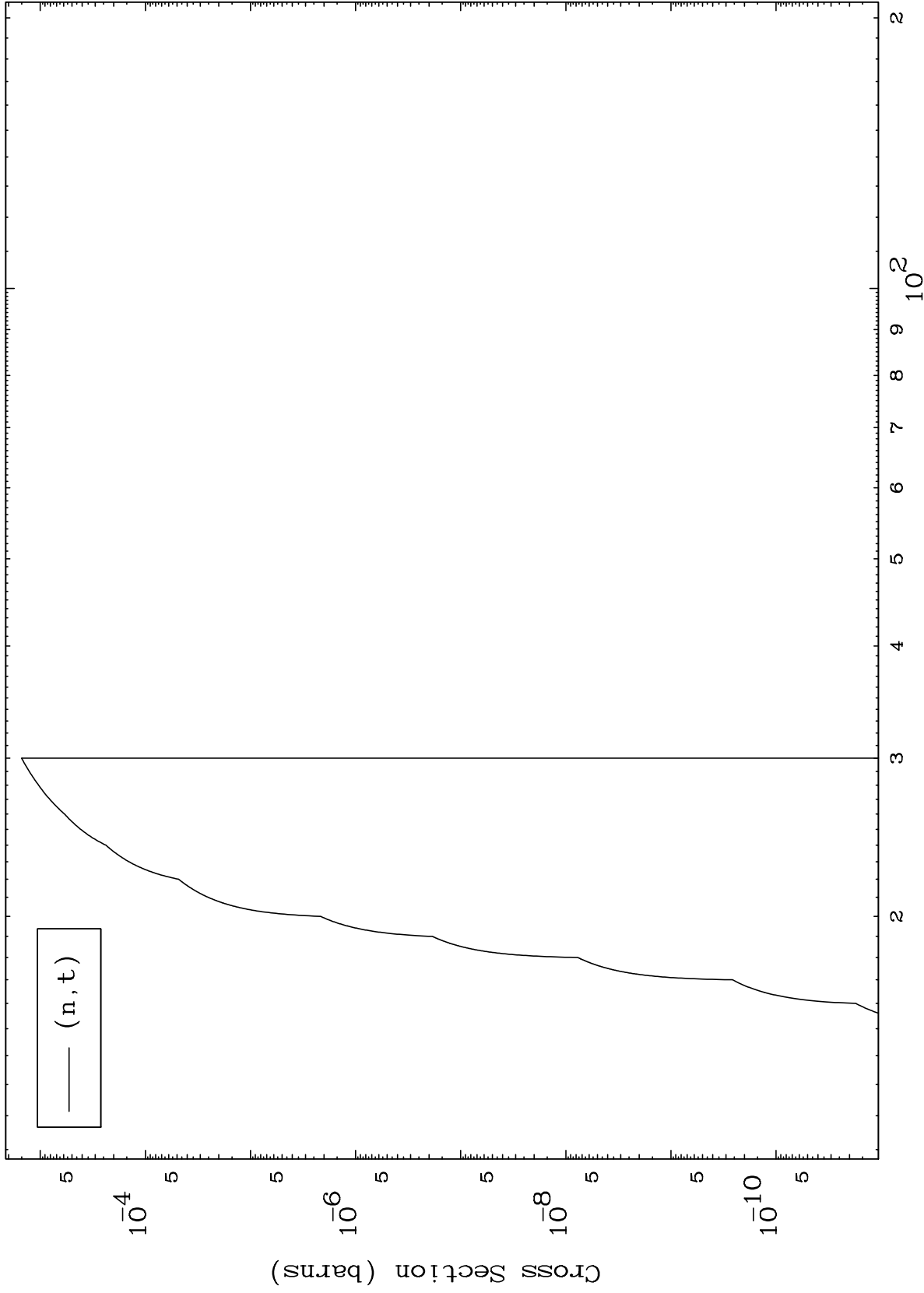
59-Pr-133m



8

Incident Energy (MeV)

59-Pr-133m

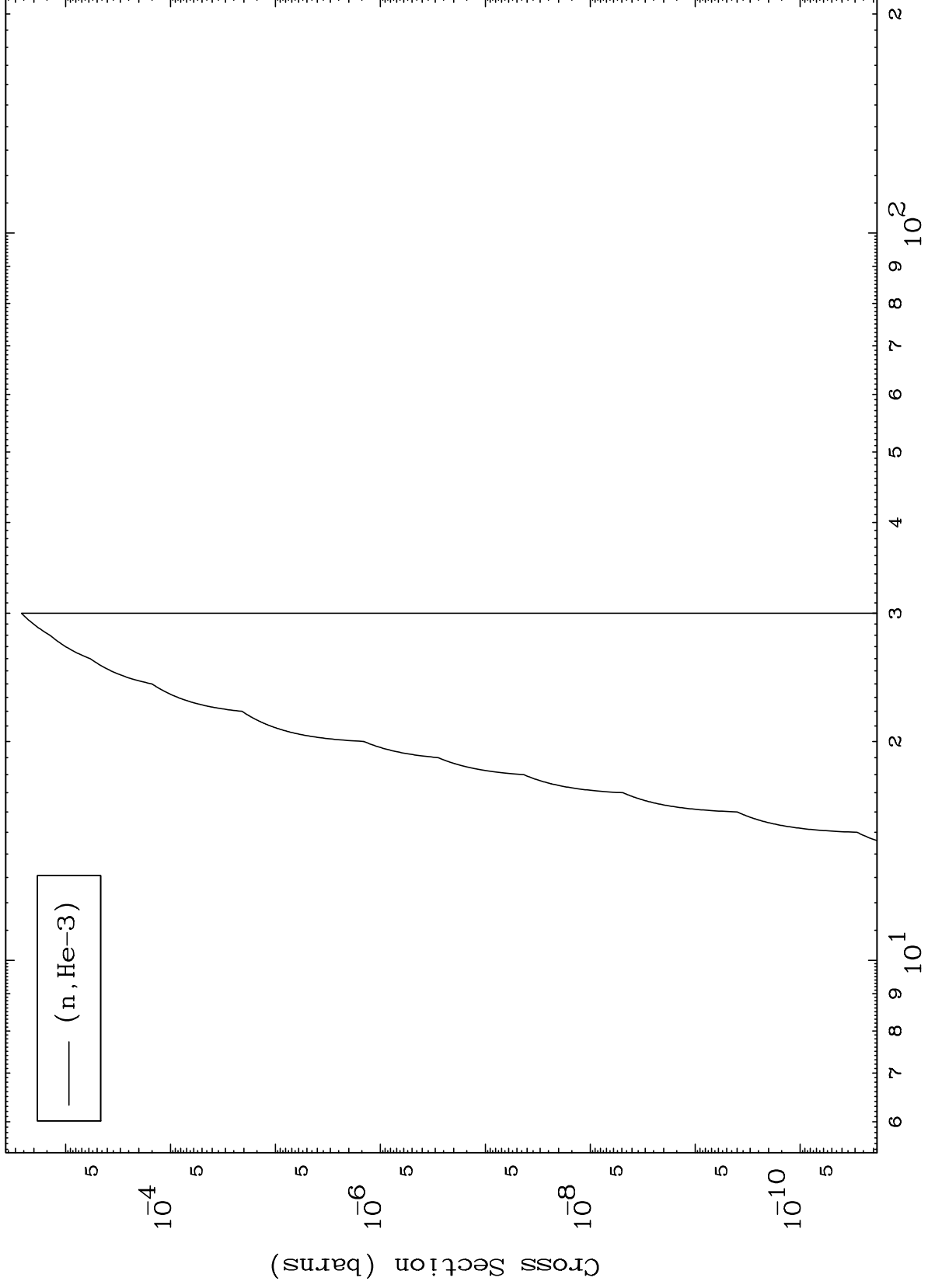


MAT 5902

(p,He3) Levels

59-Pr-133m

0 Kelvin Cross Sections



10

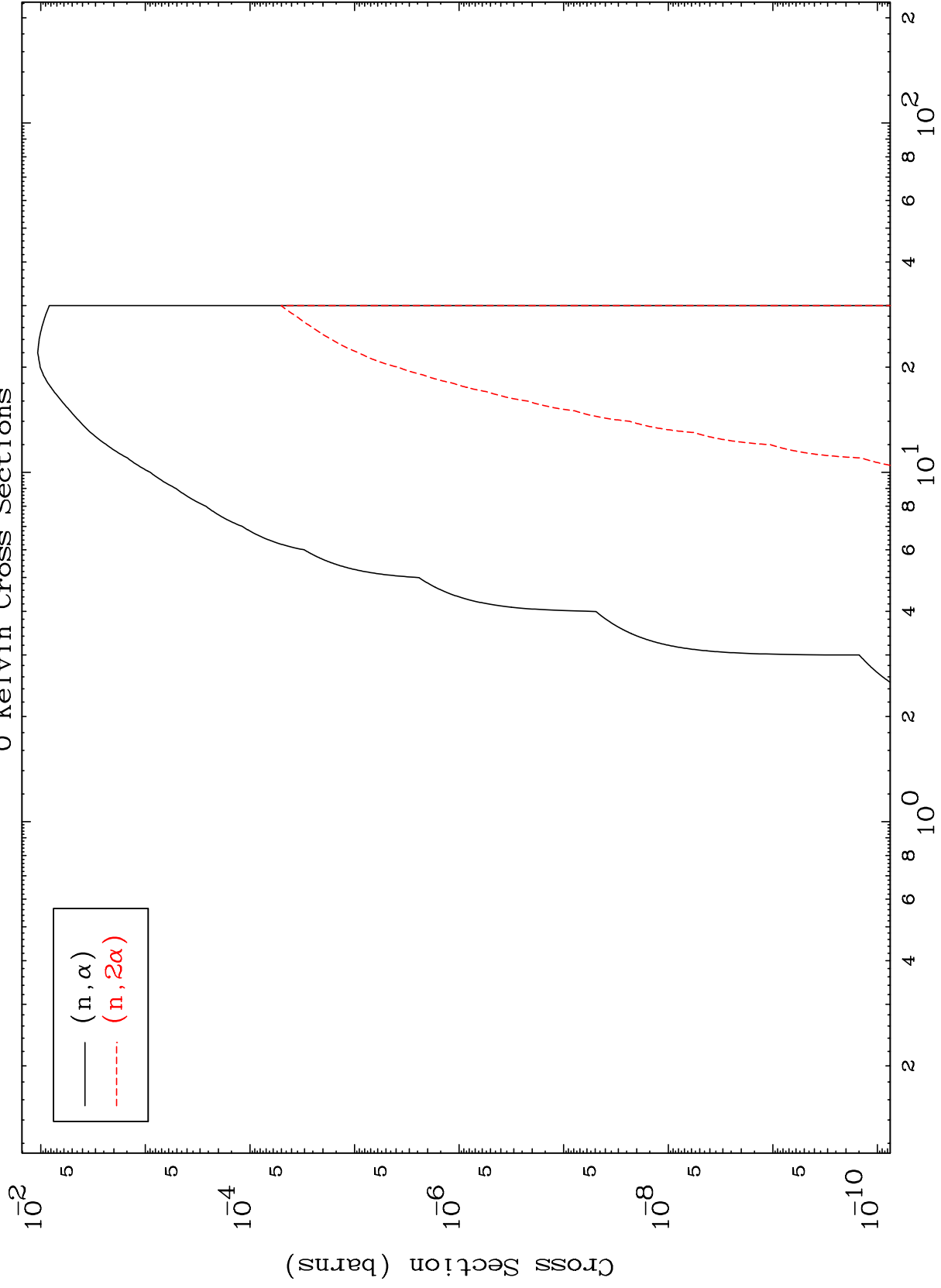
Incident Energy (MeV)

59-Pr-133m

MAT 5902

(p, α) Levels
0 Kelvin Cross Sections

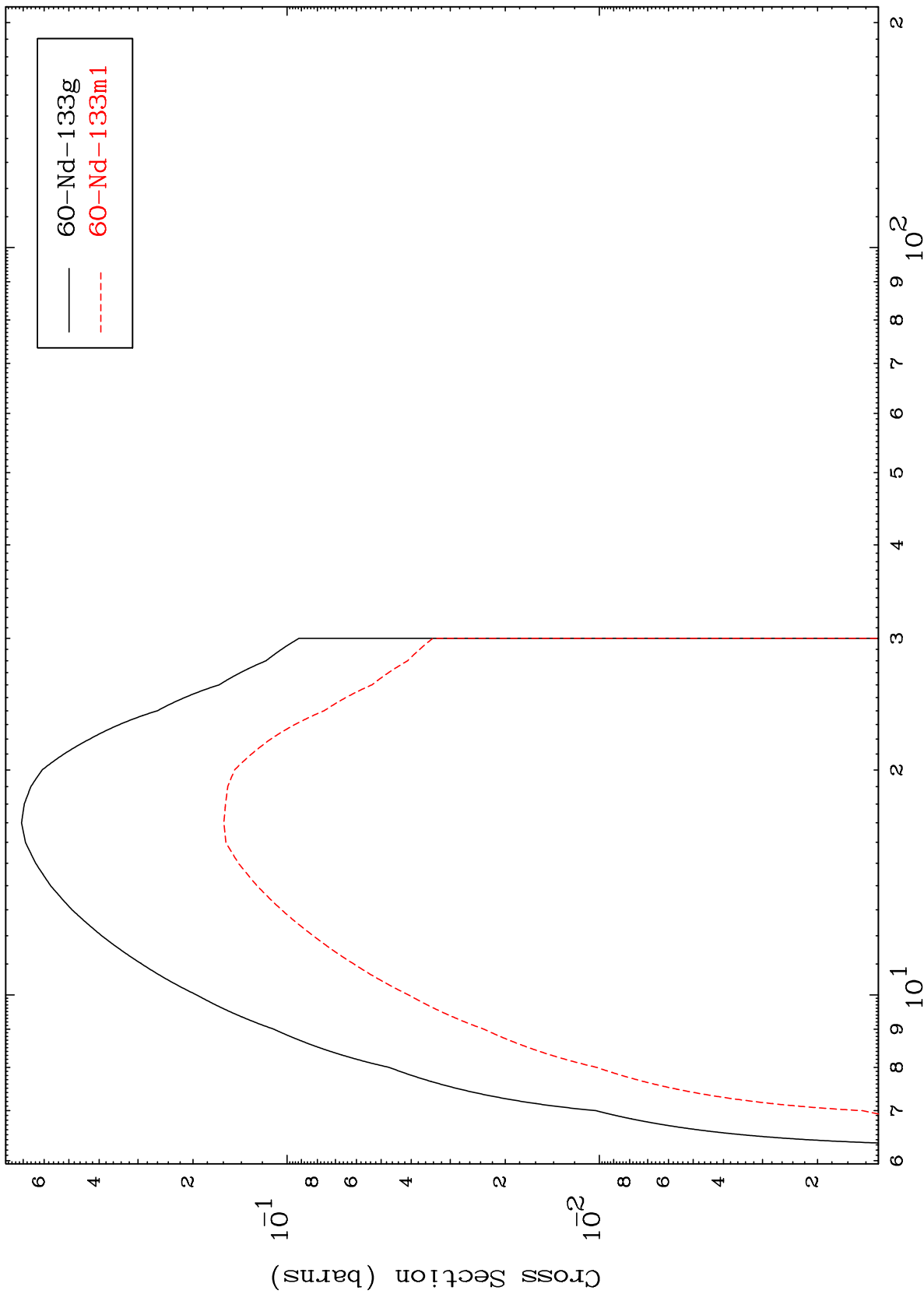
59-Pr-133m



MAT 5902

Inelastic
Radionuclide Production Cross Section

59-Pr-133m



12

Incident Energy (MeV)

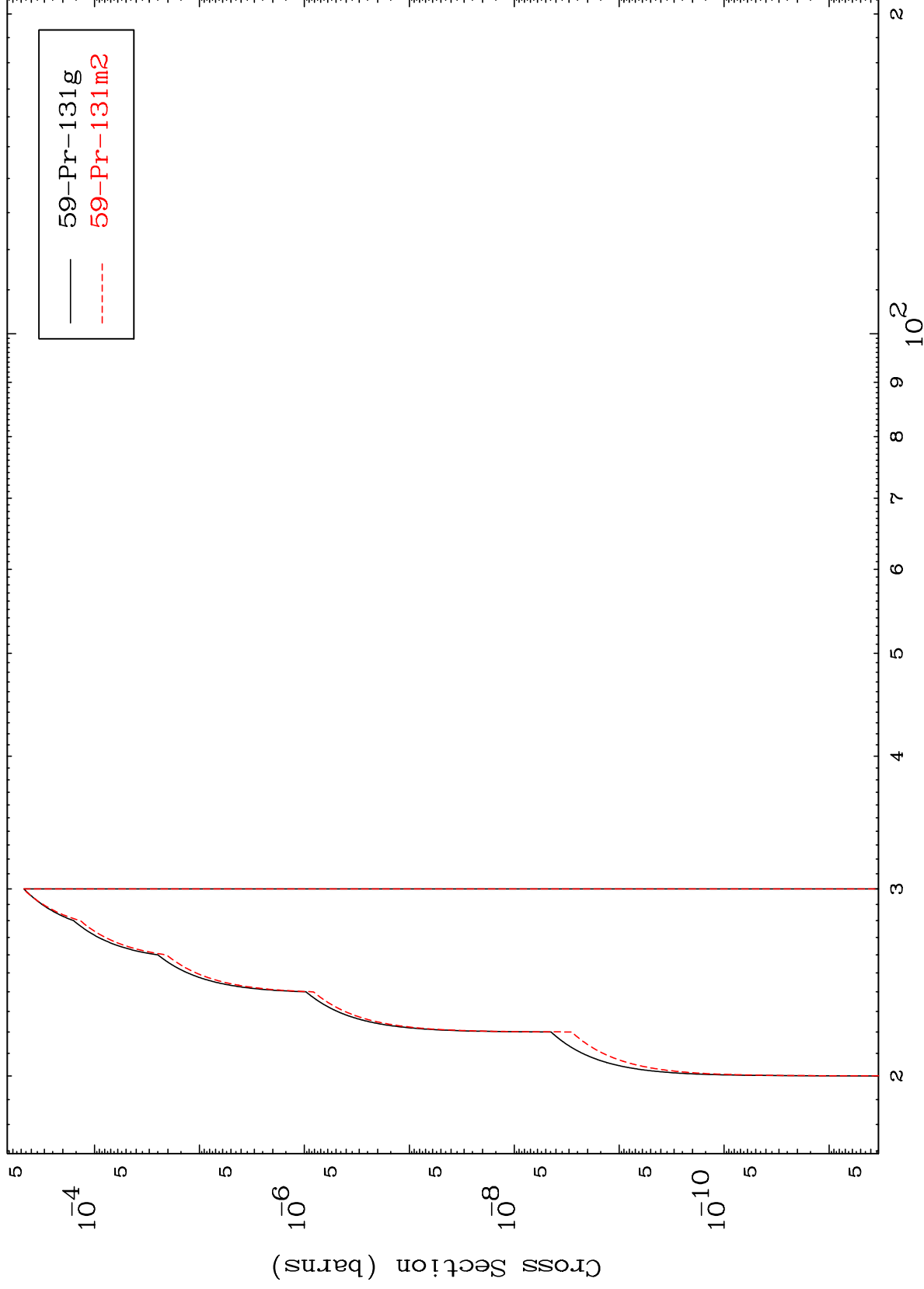
59-Pr-133m

MAT 5902

(n,n') d

59-Pr-133m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

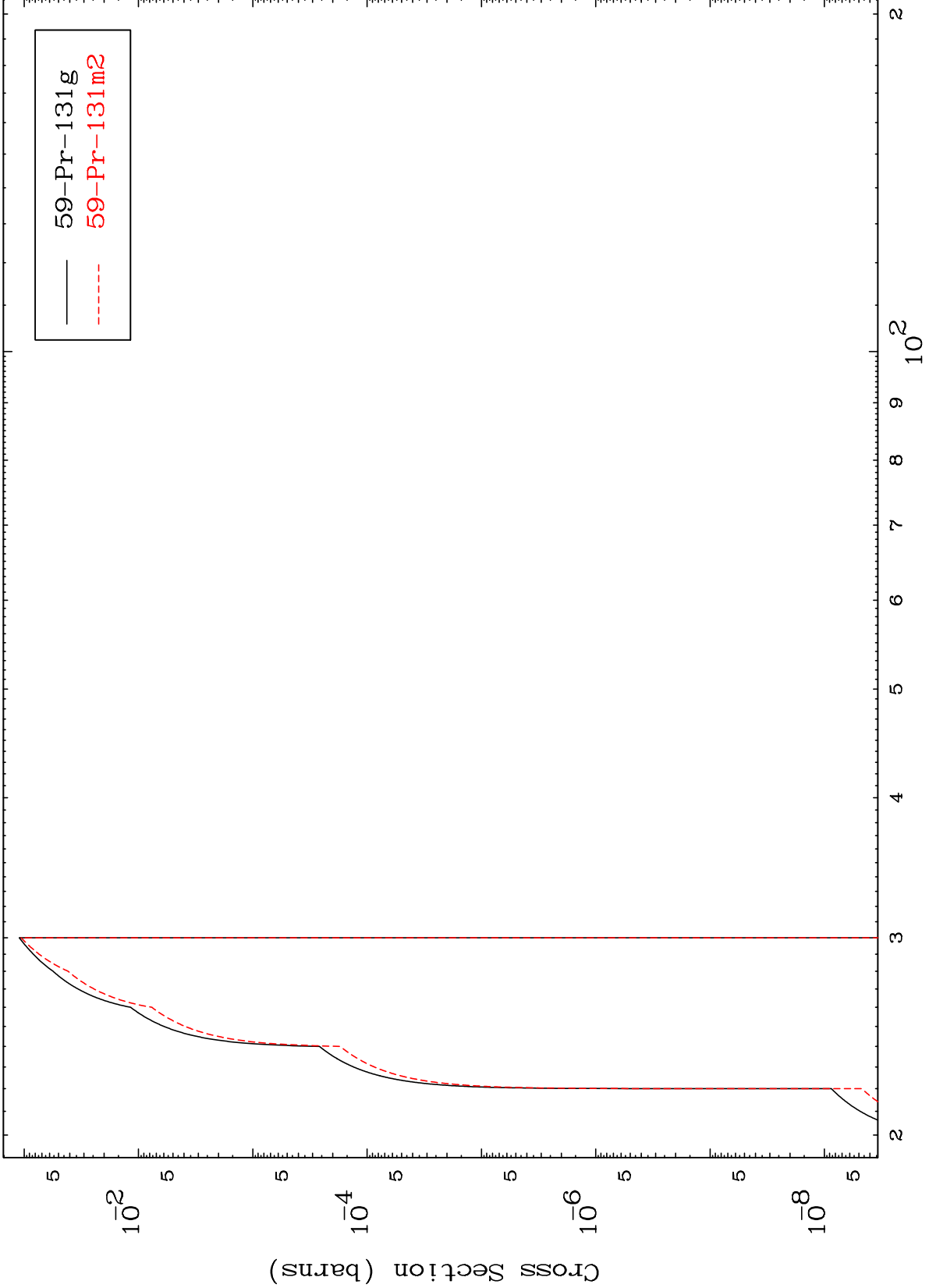
59-Pr-133m

MAT 5902

$(n,2n)$ p

59-Pr-133m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

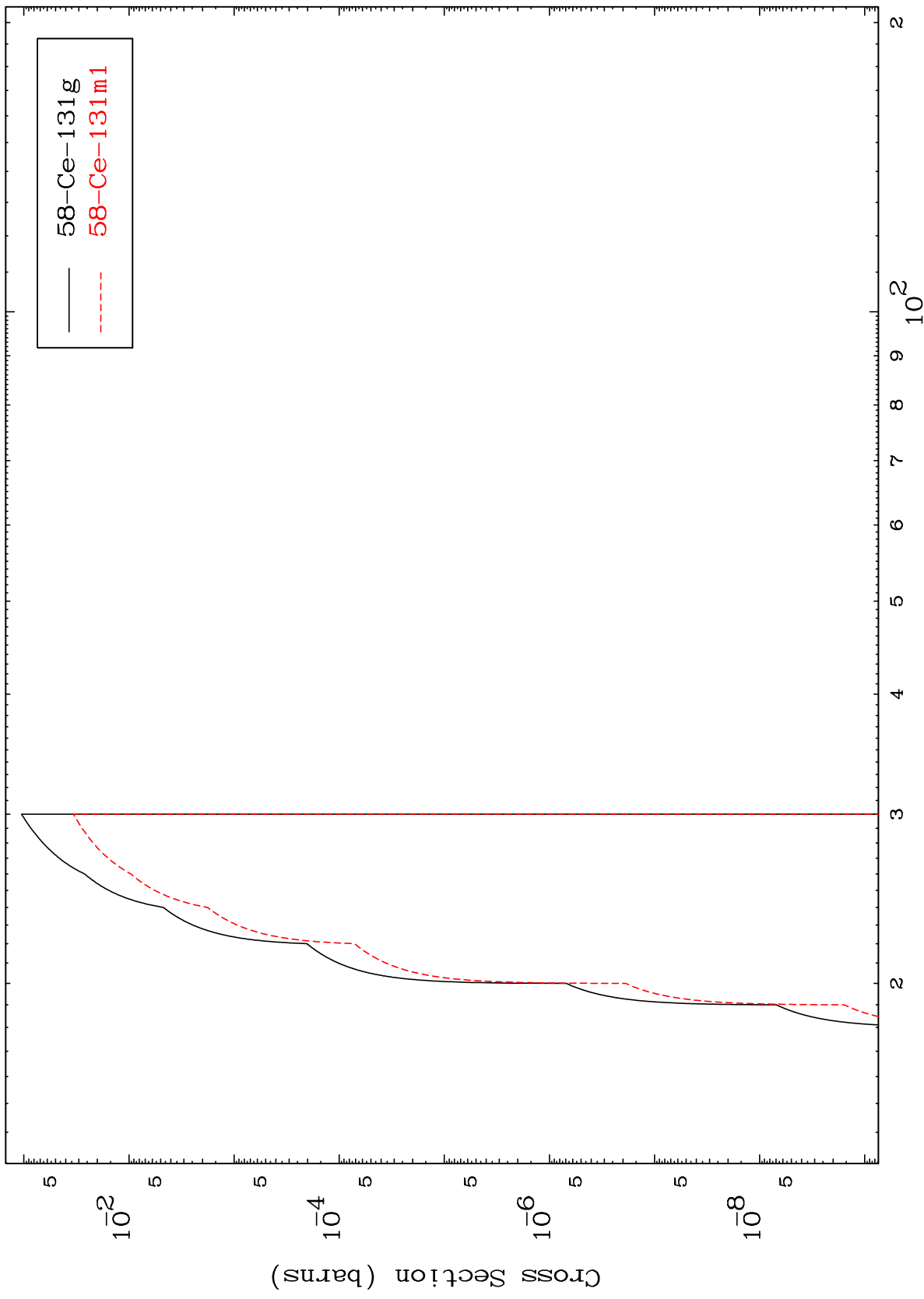
59-Pr-133m

MAT 5902

(n,2n) p

59-Pr-133m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

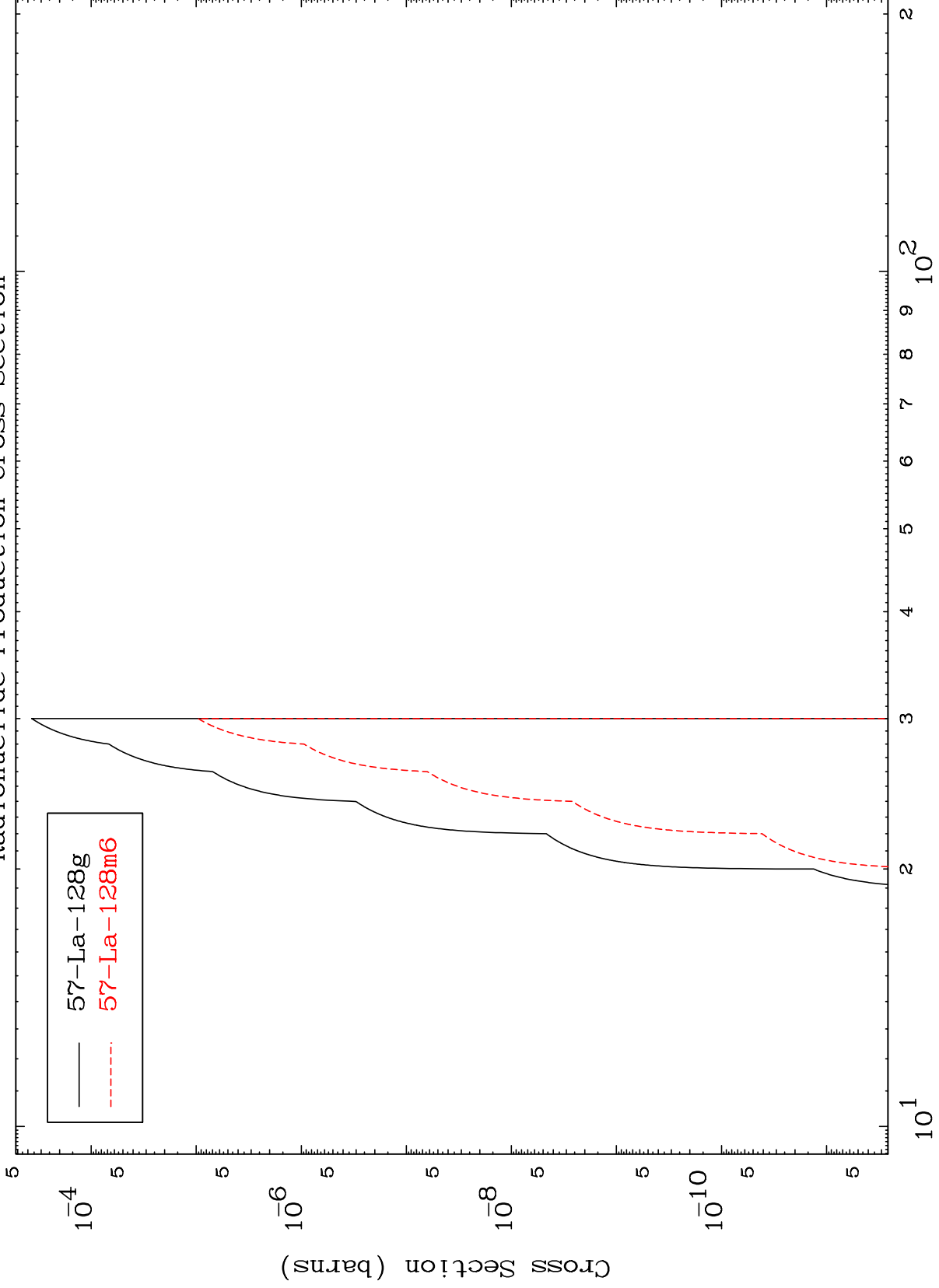
59-Pr-133m

MAT 5902

(n,n') p α

59-Pr-133m

Radionuclide Production Cross Section



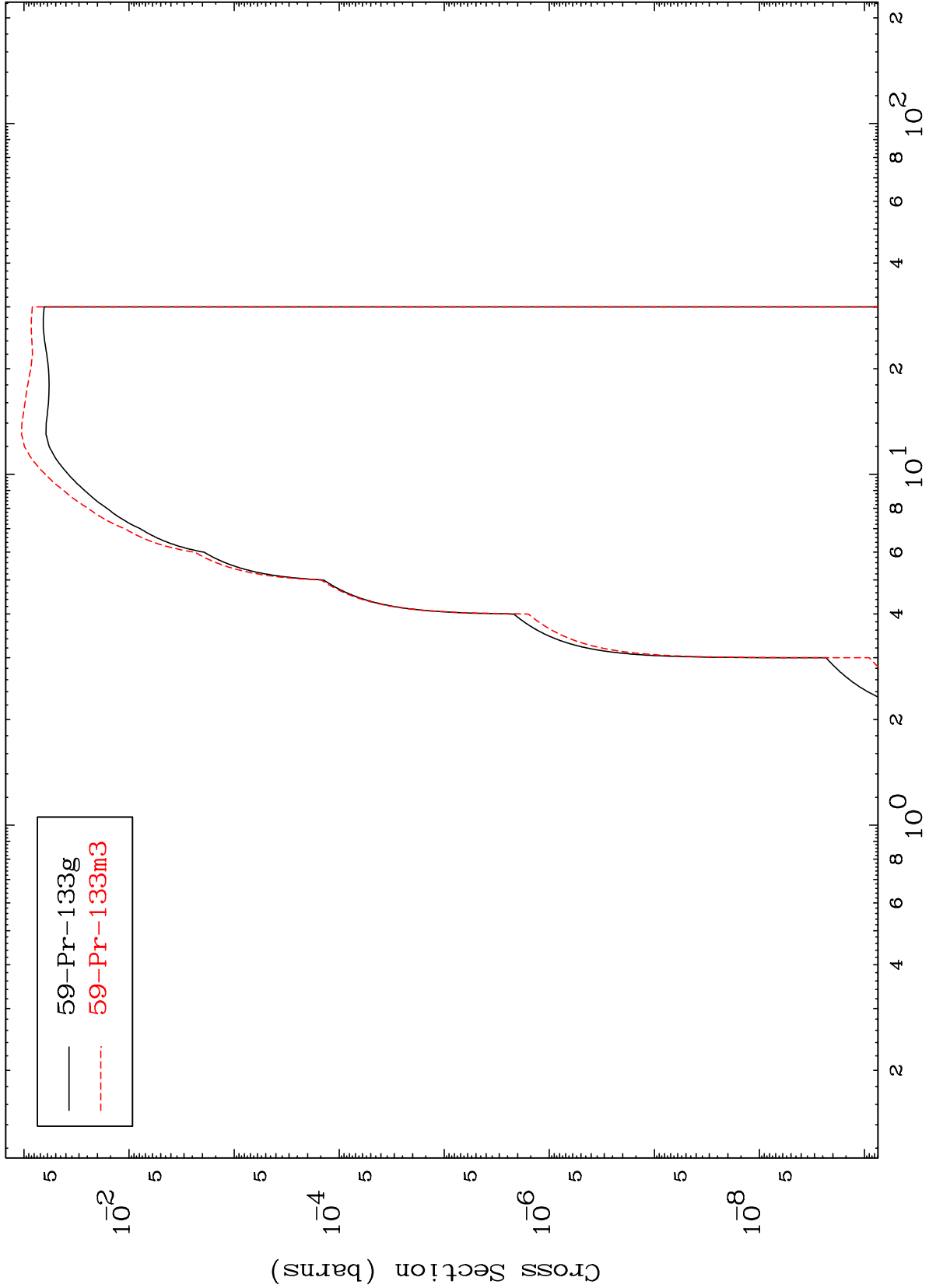
Incident Energy (MeV)

59-Pr-133m

MAT 5902

59-Pr-133m

(n,p)
Radionuclide Production Cross Section



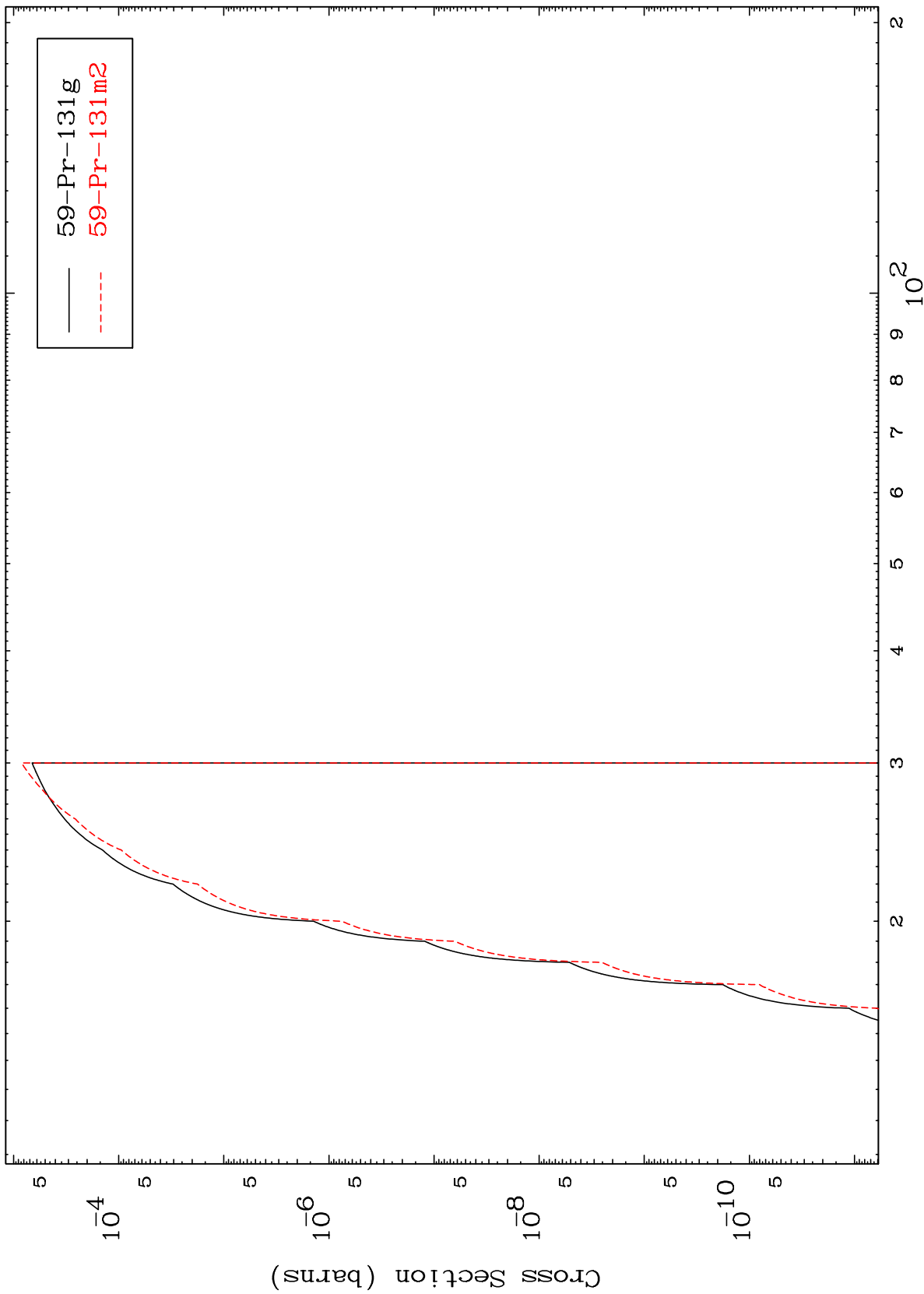
59-Pr-133m

Incident Energy (MeV)

MAT 5902

59-Pr-133m

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

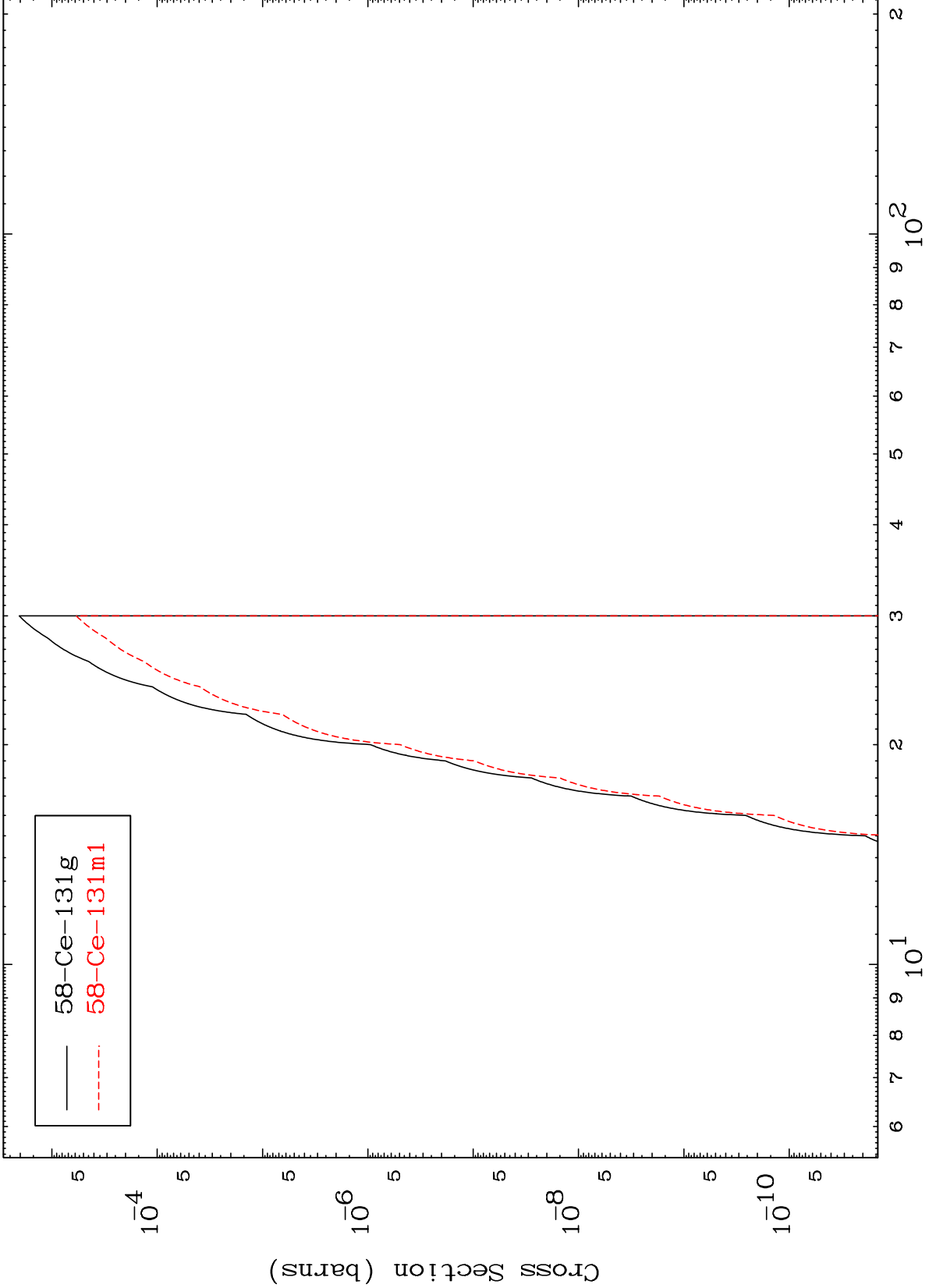
59-Pr-133m

MAT 5902

(n,He-3)

59-Pr-133m

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

19

Incident Energy (MeV)

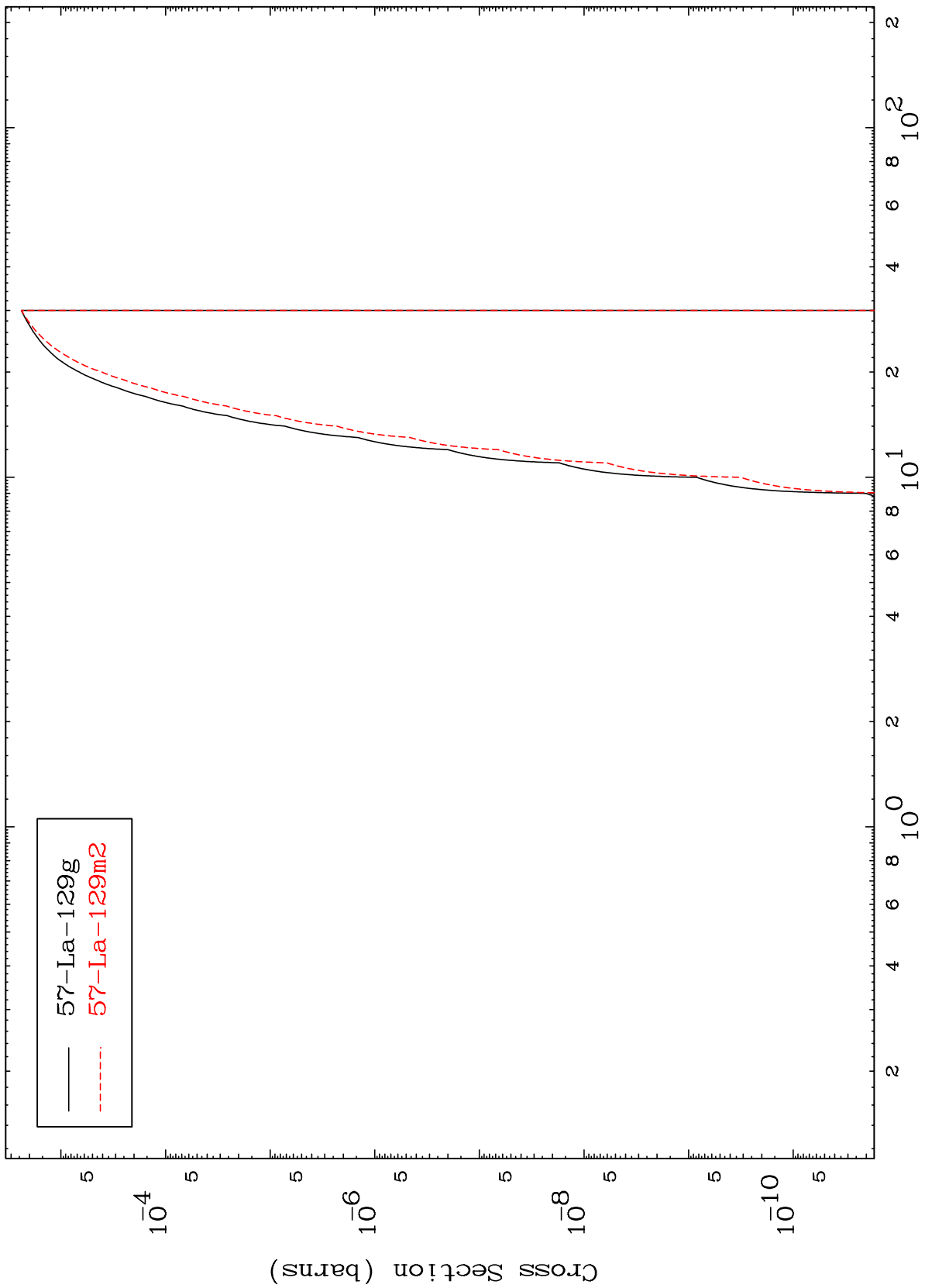
59-Pr-133m

MAT 5902

(n,p) α

59-Pr-133m

Radionuclide Production Cross Section

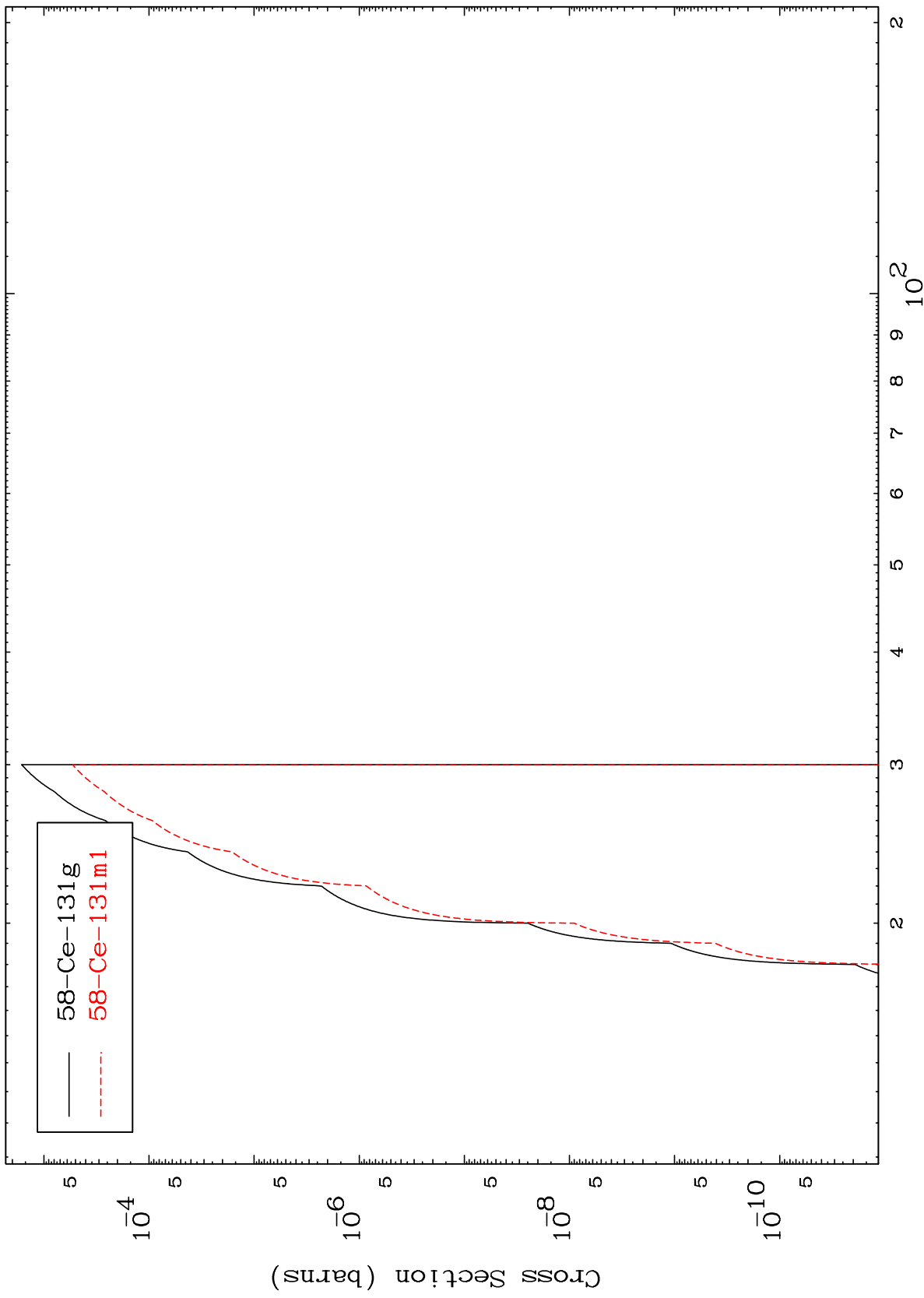


MAT 5902

(n,p) d

59-Pr-133m

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-133m

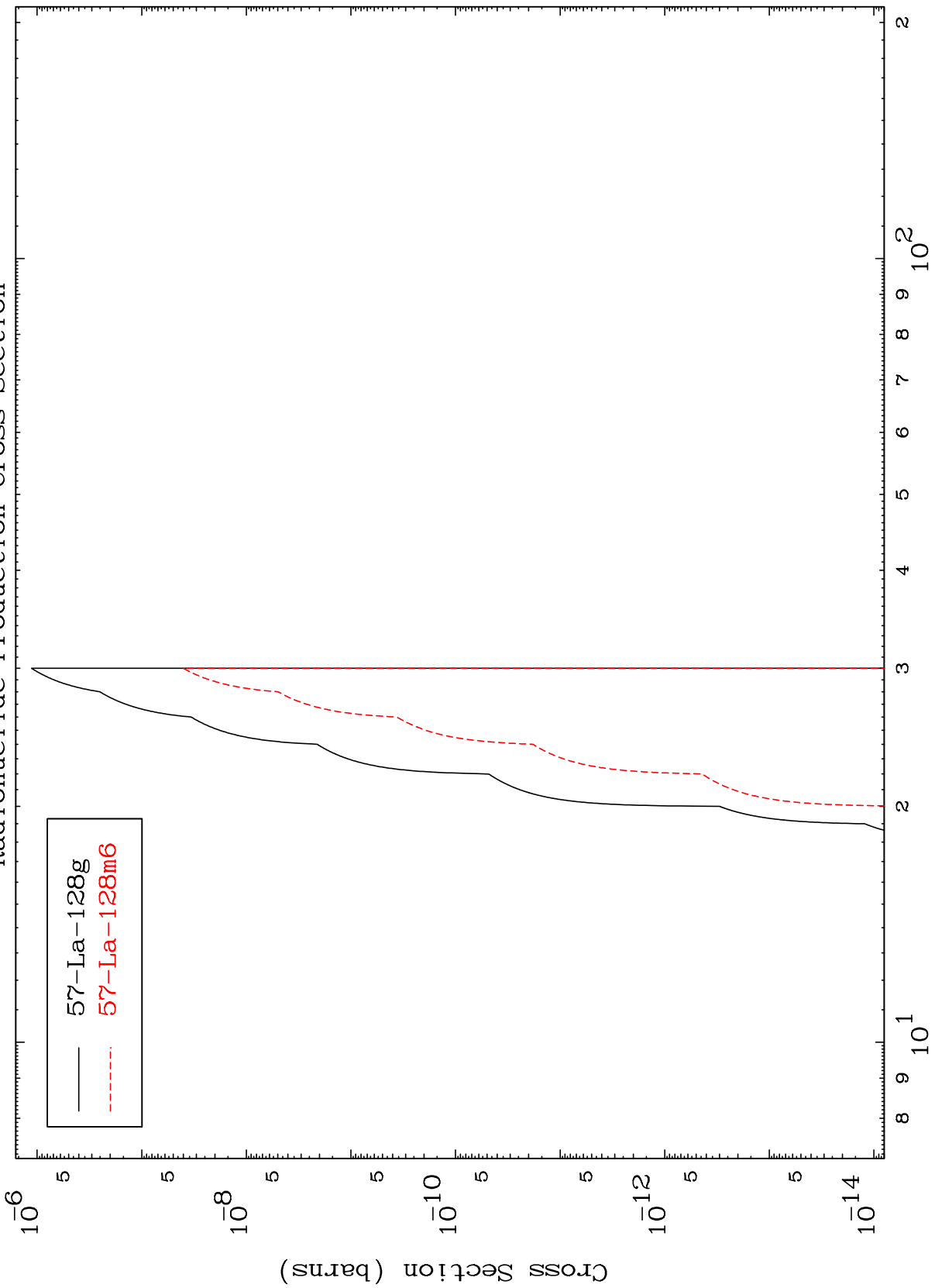
21

MAT 5902

(n,d) α

59-Pr-133m

Radionuclide Production Cross Section



57-La-128g
57-La-128m6

Incident Energy (MeV)

59-Pr-133m