

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

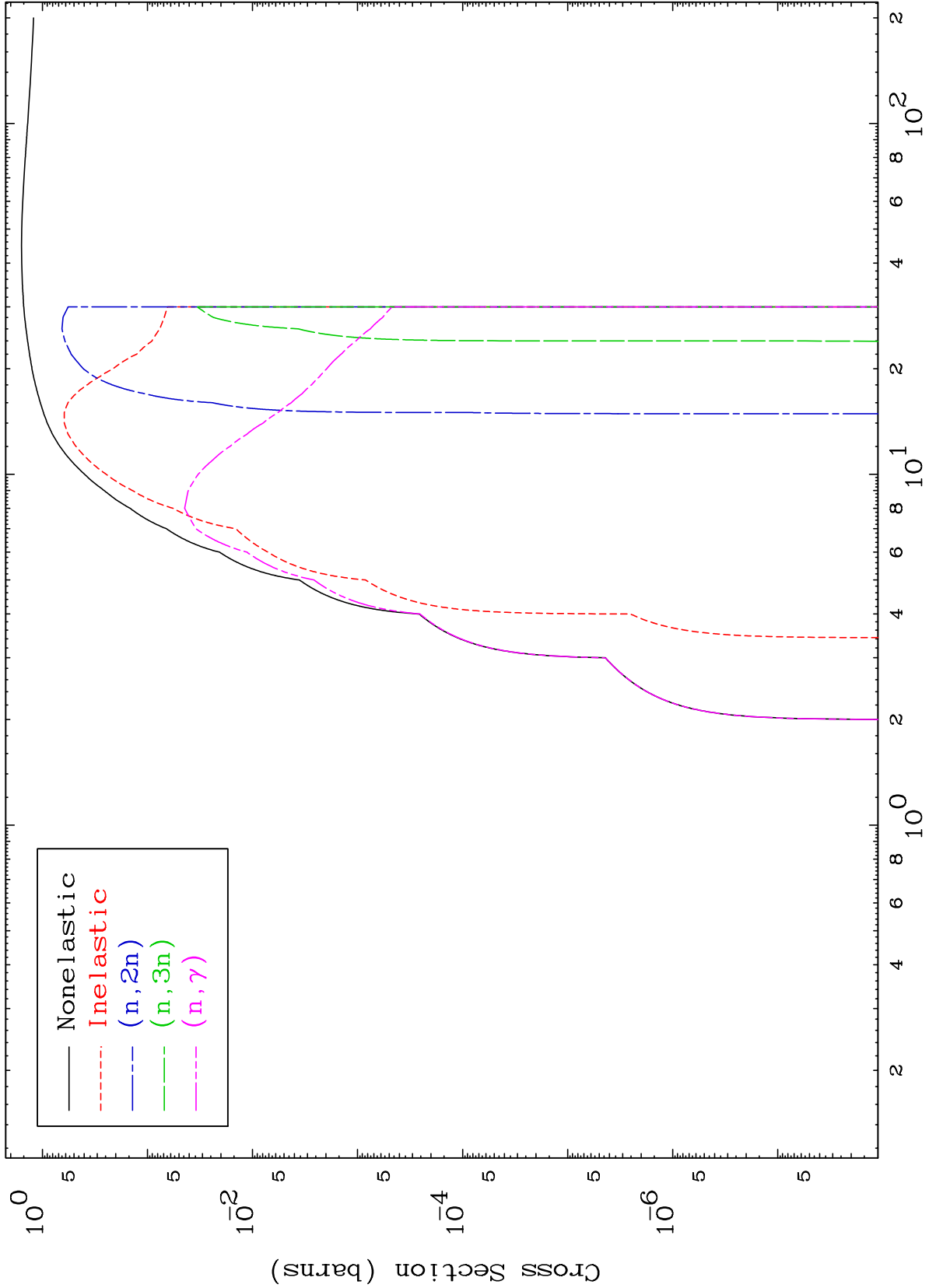
Press Mouse Button to Start

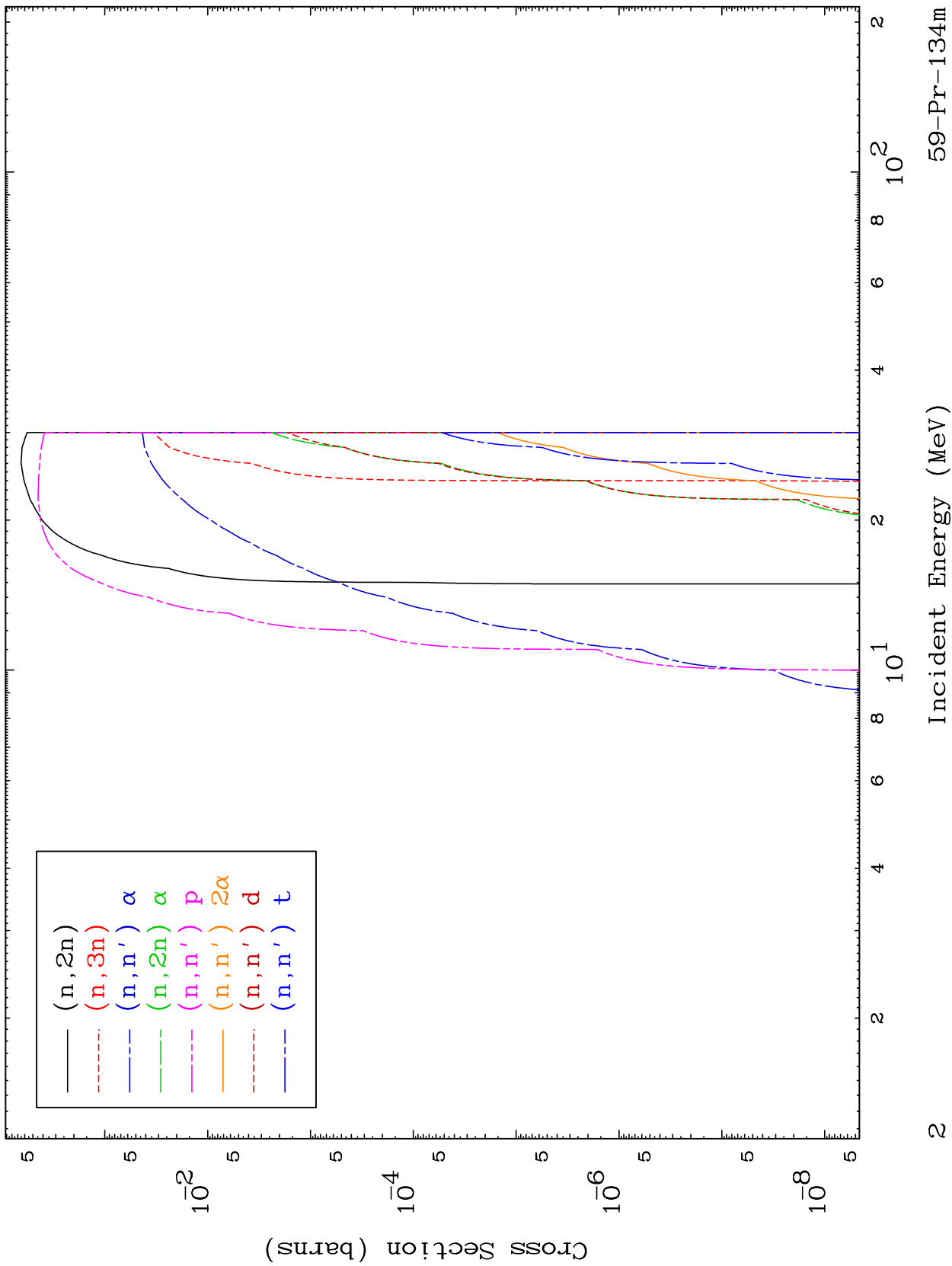
MAT 5905

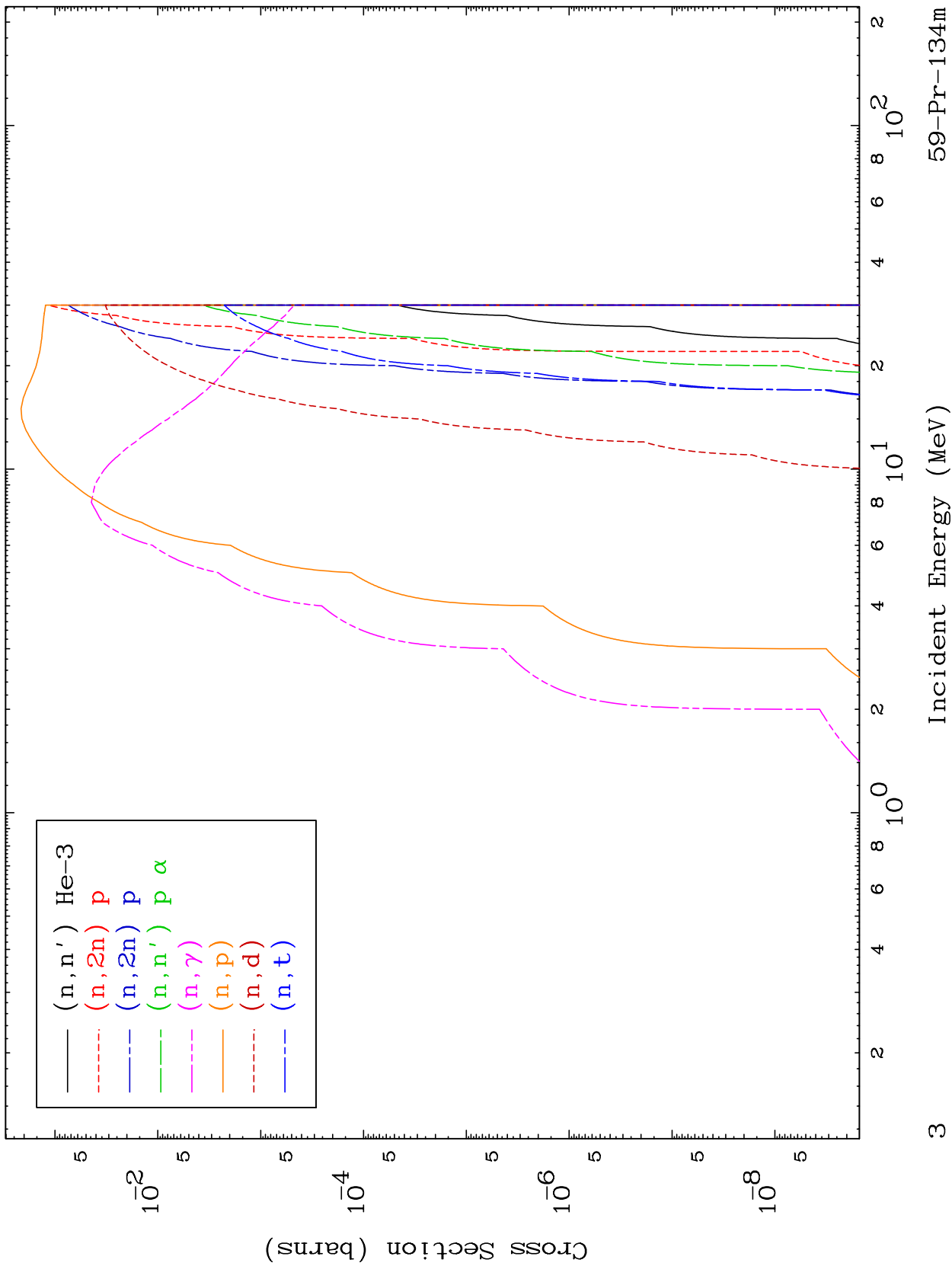
Proton Major

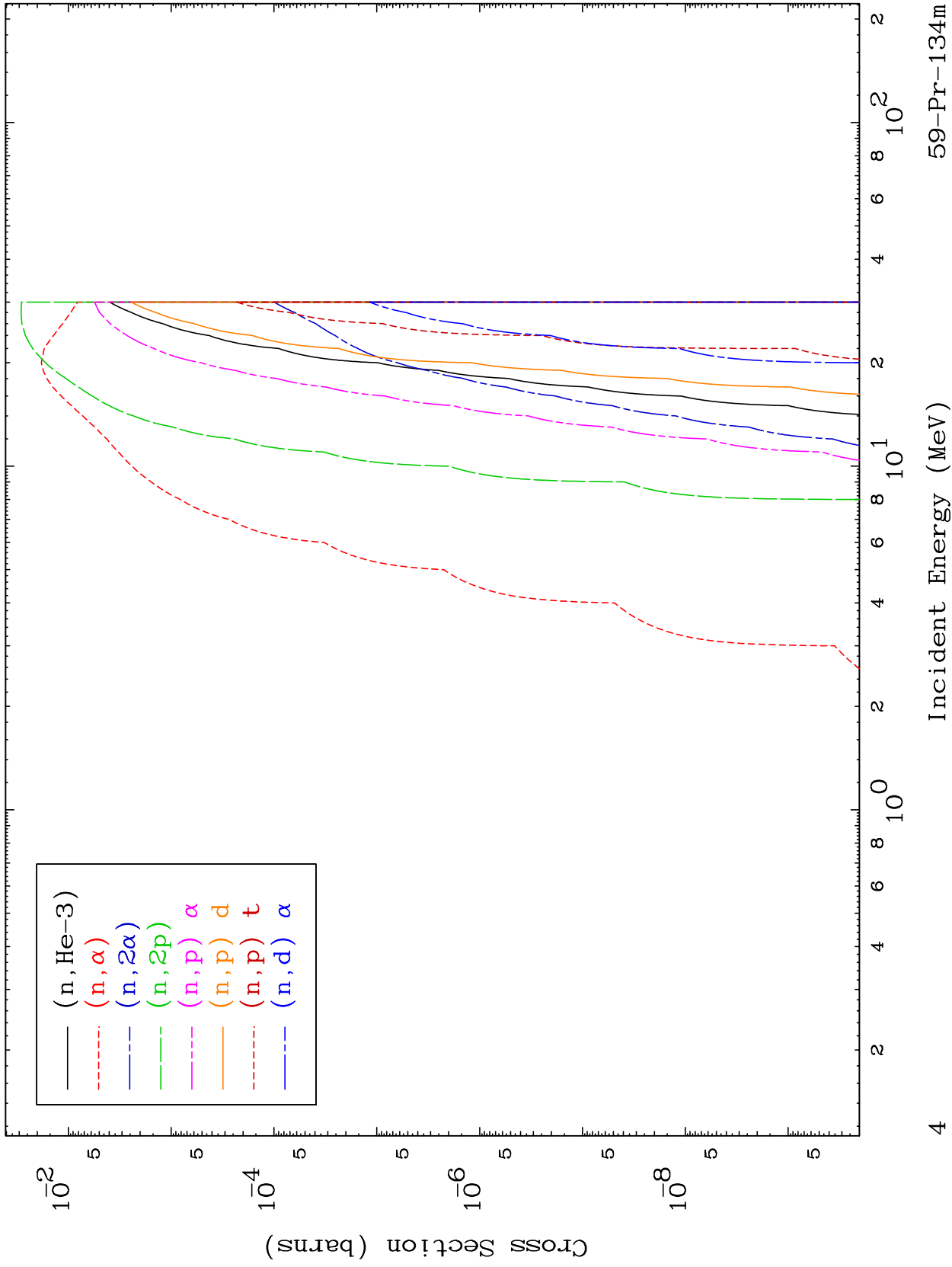
59-Pr-134m

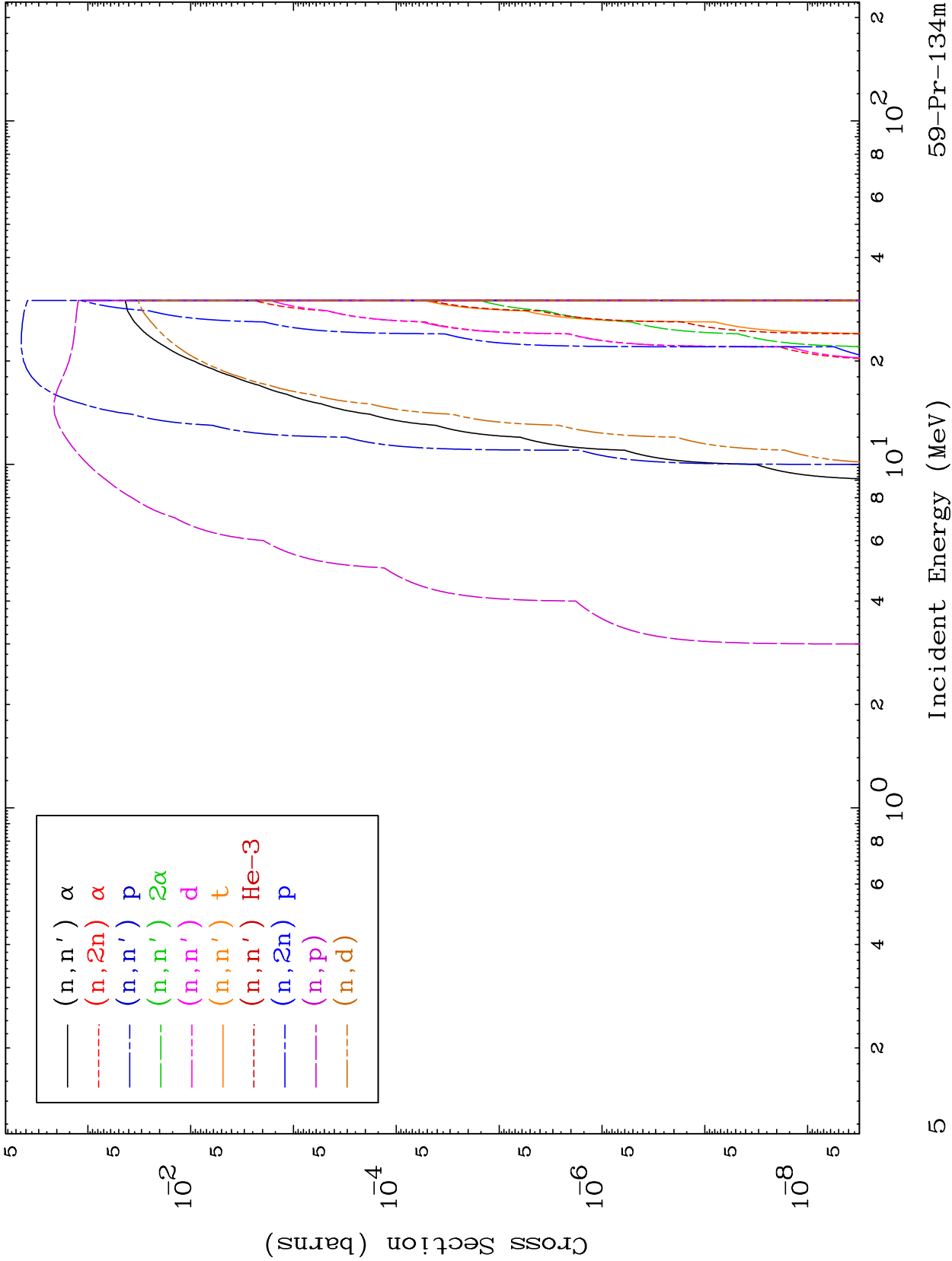
0 Kelvin Cross Sections







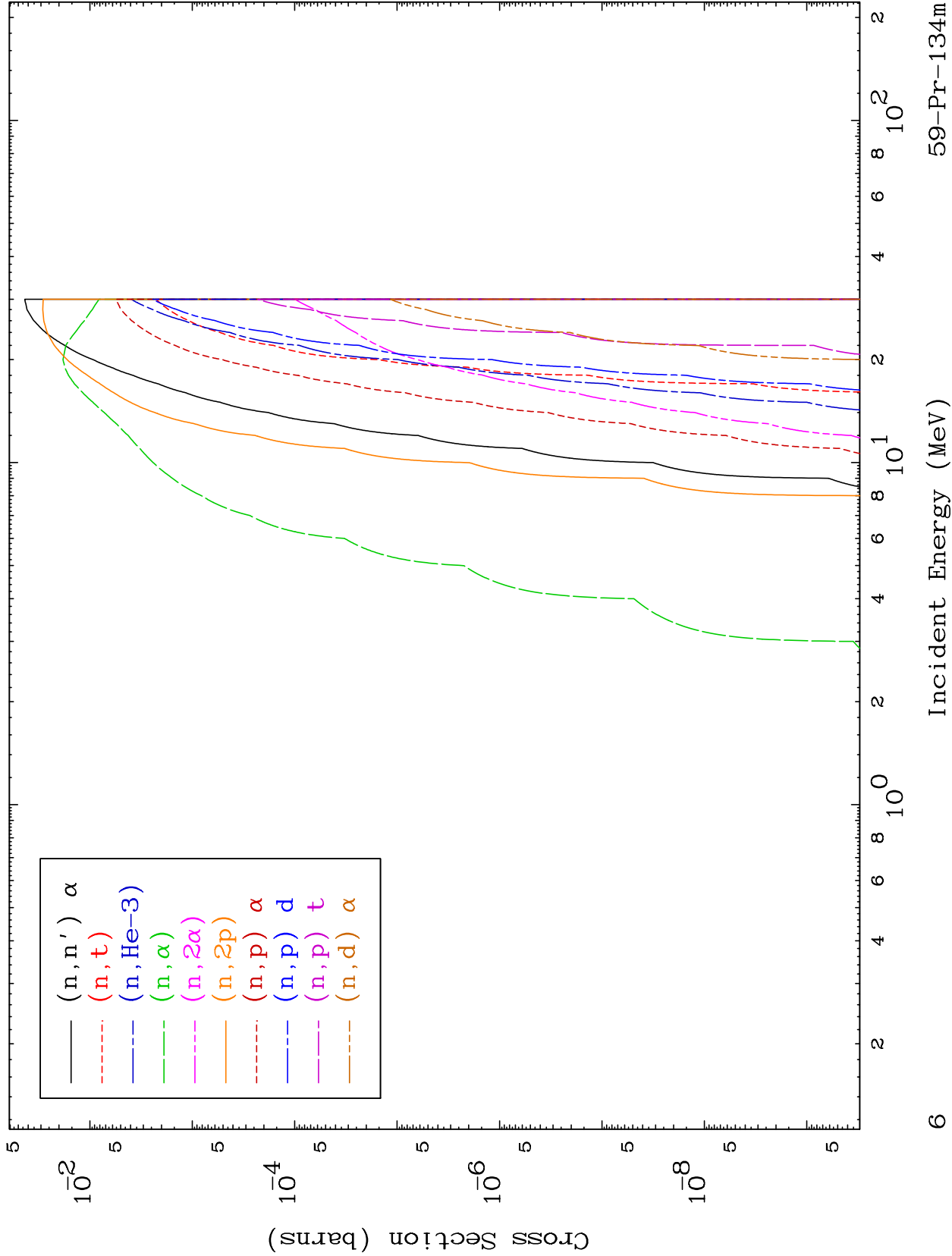


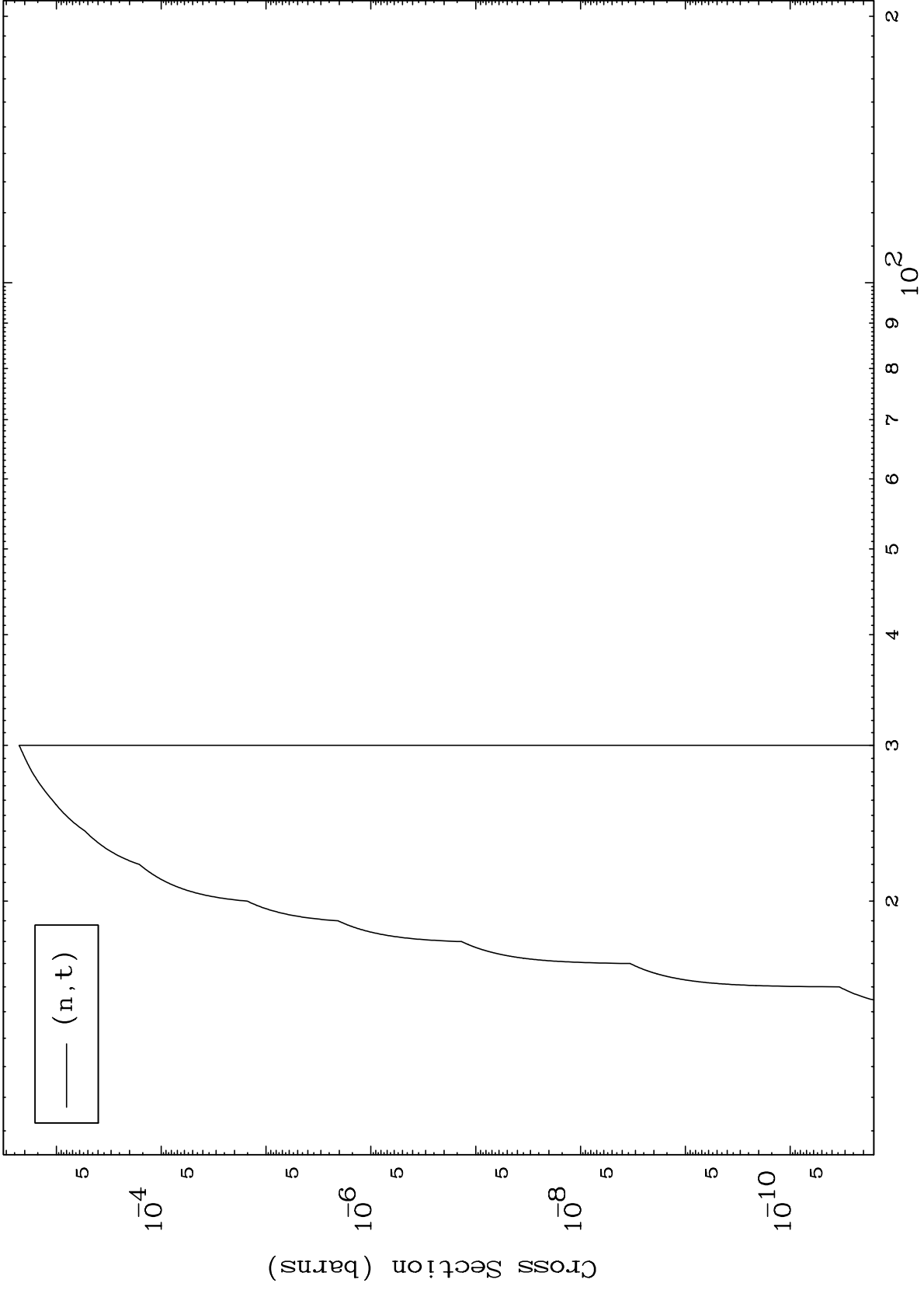


MAT 5905

Proton Charged Particle
0 Kelvin Cross Sections

59-Pr-134m

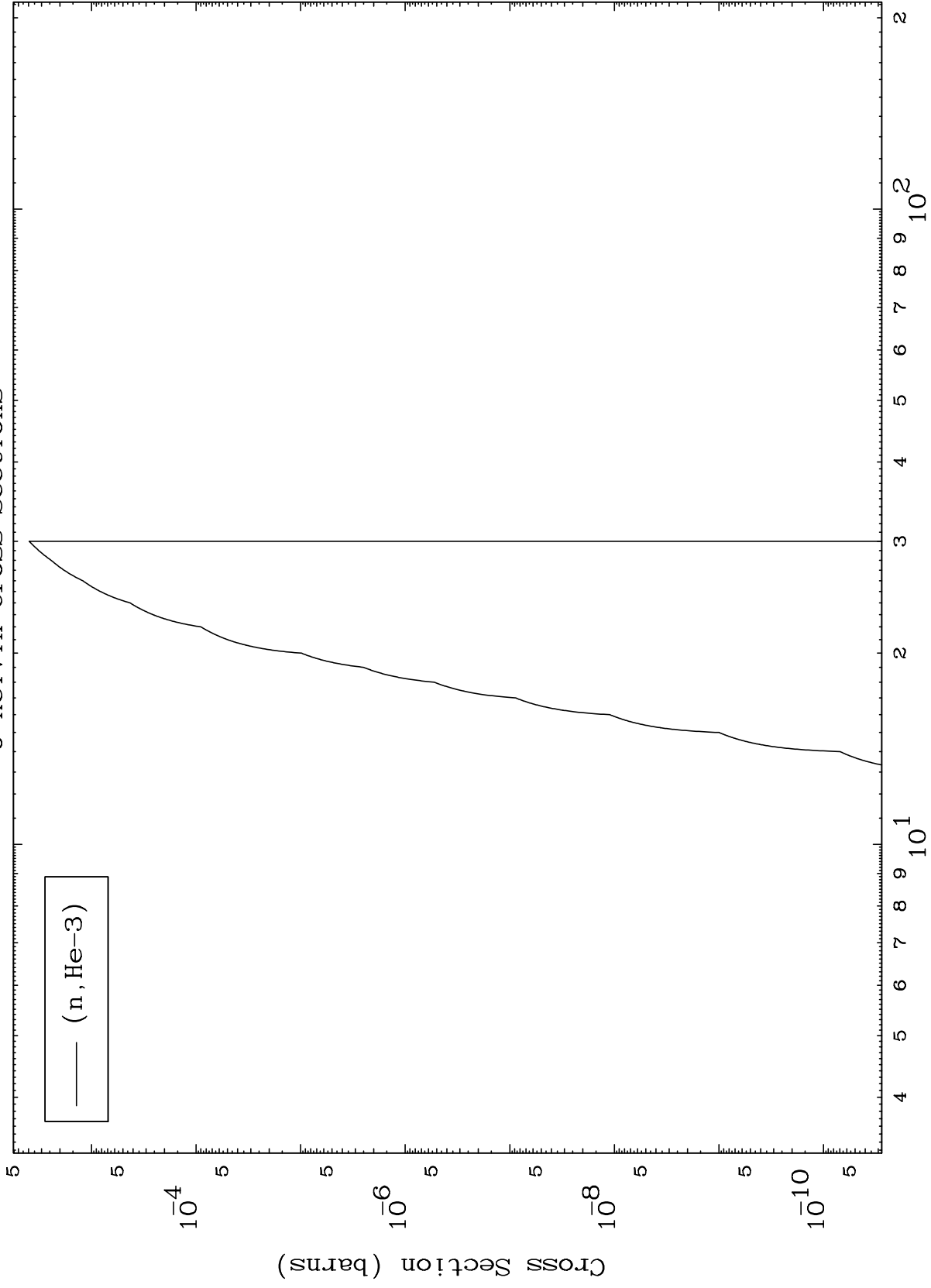




MAT 5905

(p,He3) Levels
0 Kelvin Cross Sections

59-Pr-134m



10

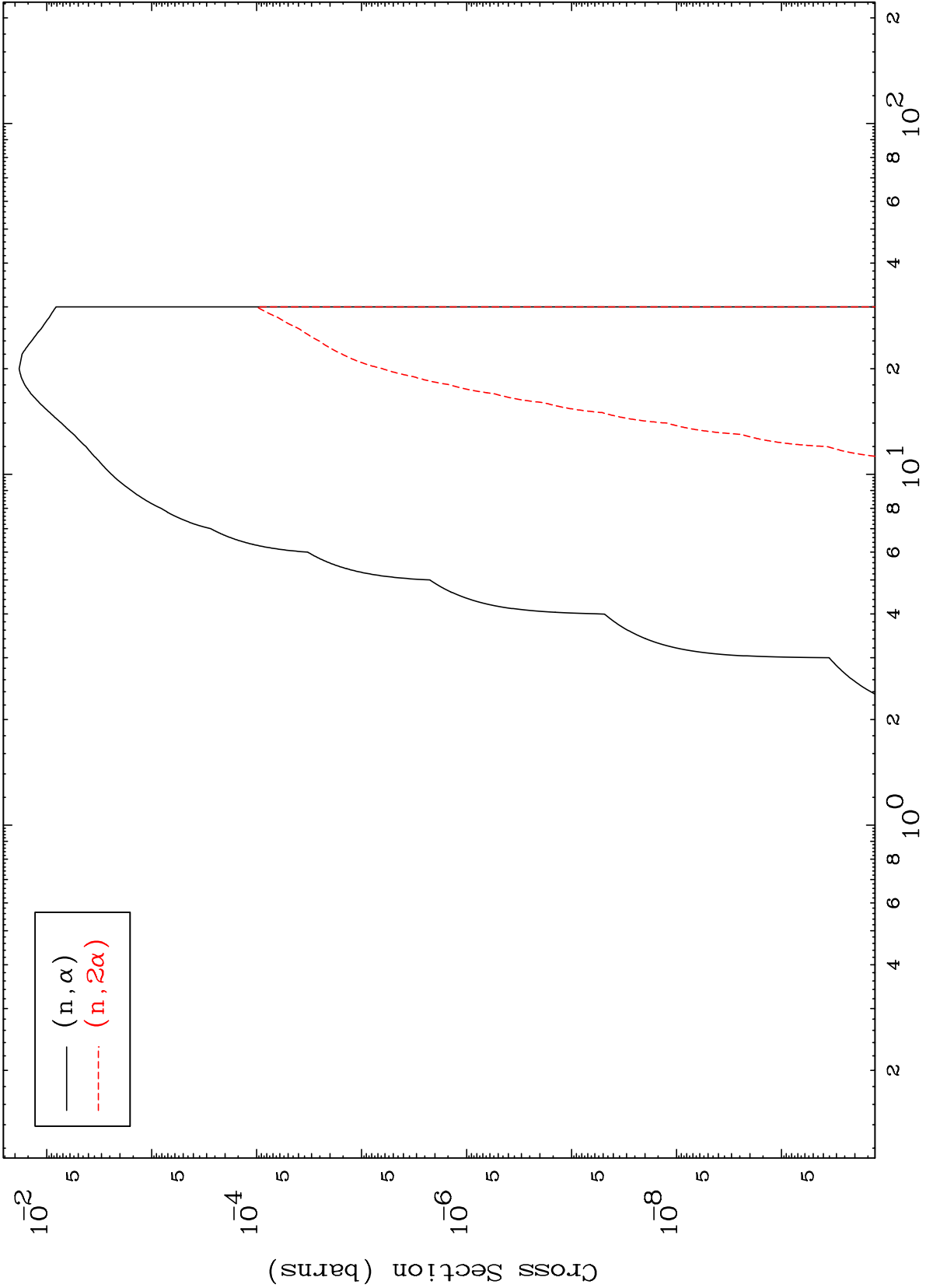
Incident Energy (MeV)

59-Pr-134m

MAT 5905

(p, α) Levels
0 Kelvin Cross Sections

59-Pr-134m

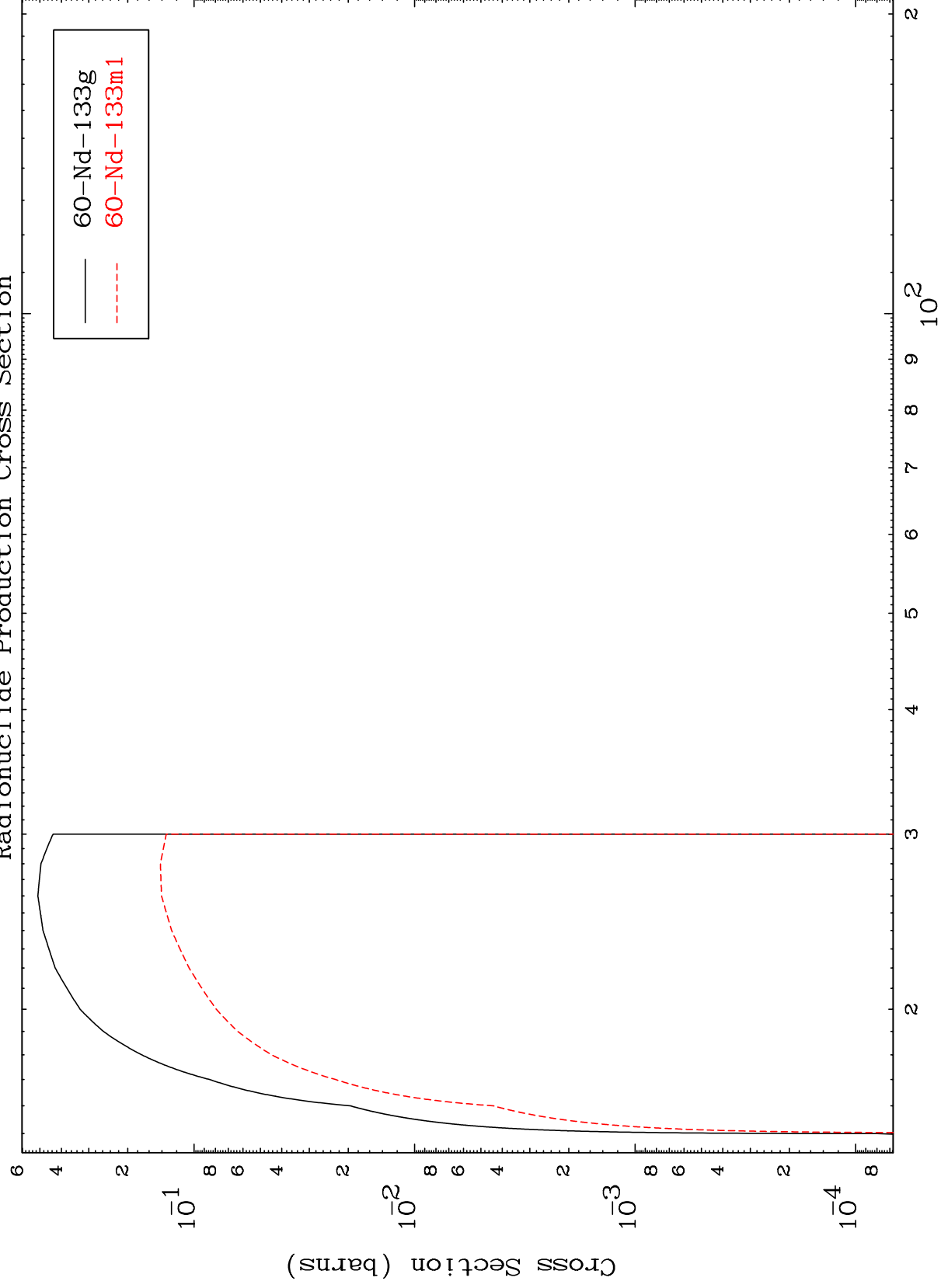


MAT 5905

(n,2n)

59-Pr-134m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

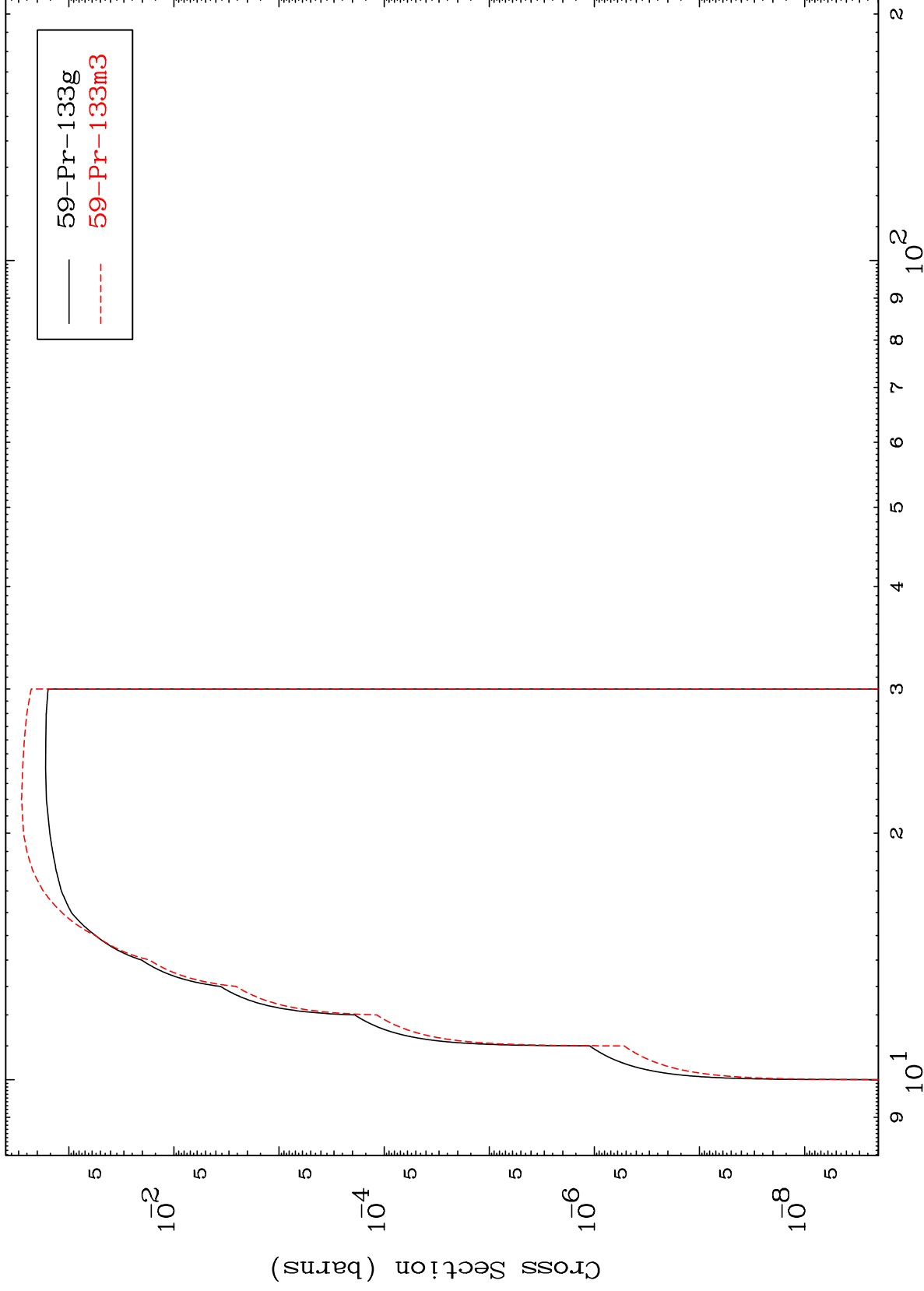
59-Pr-134m

MAT 5905

(n,n') p

59-Pr-134m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

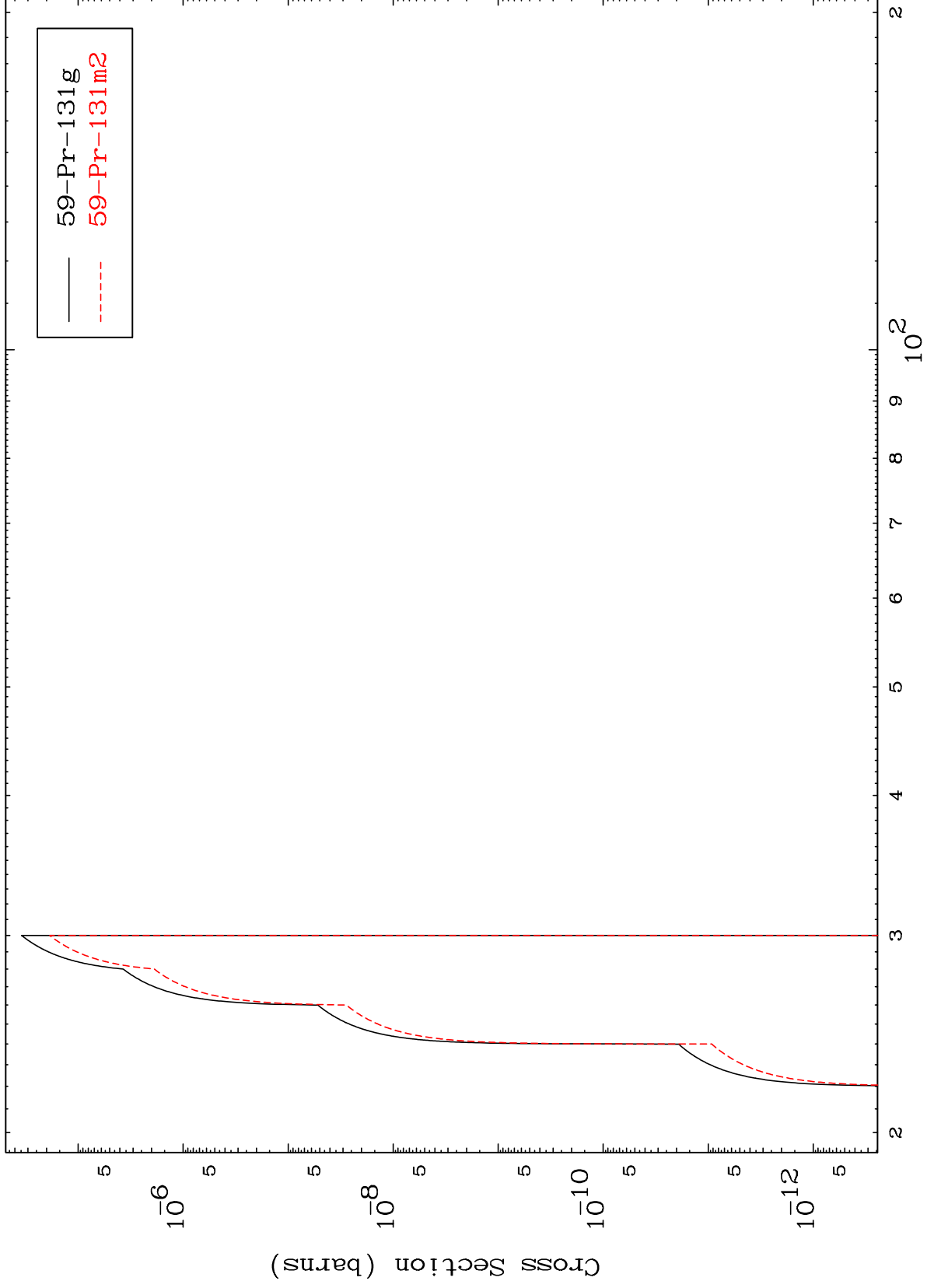
59-Pr-134m

MAT 5905

(n,n') t

59-Pr-134m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

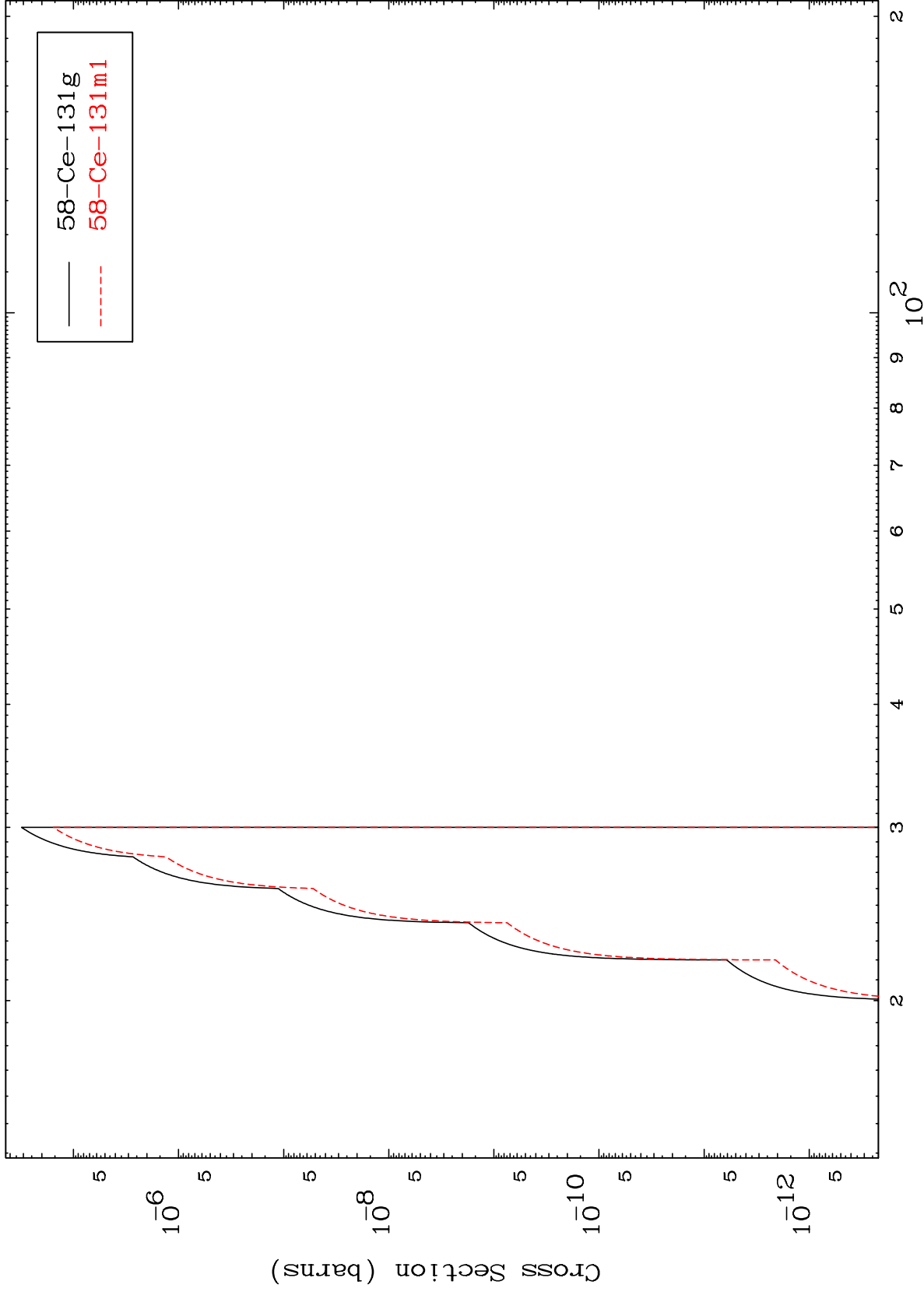
59-Pr-134m

MAT 5905

(n,n') He-3

59-Pr-134m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

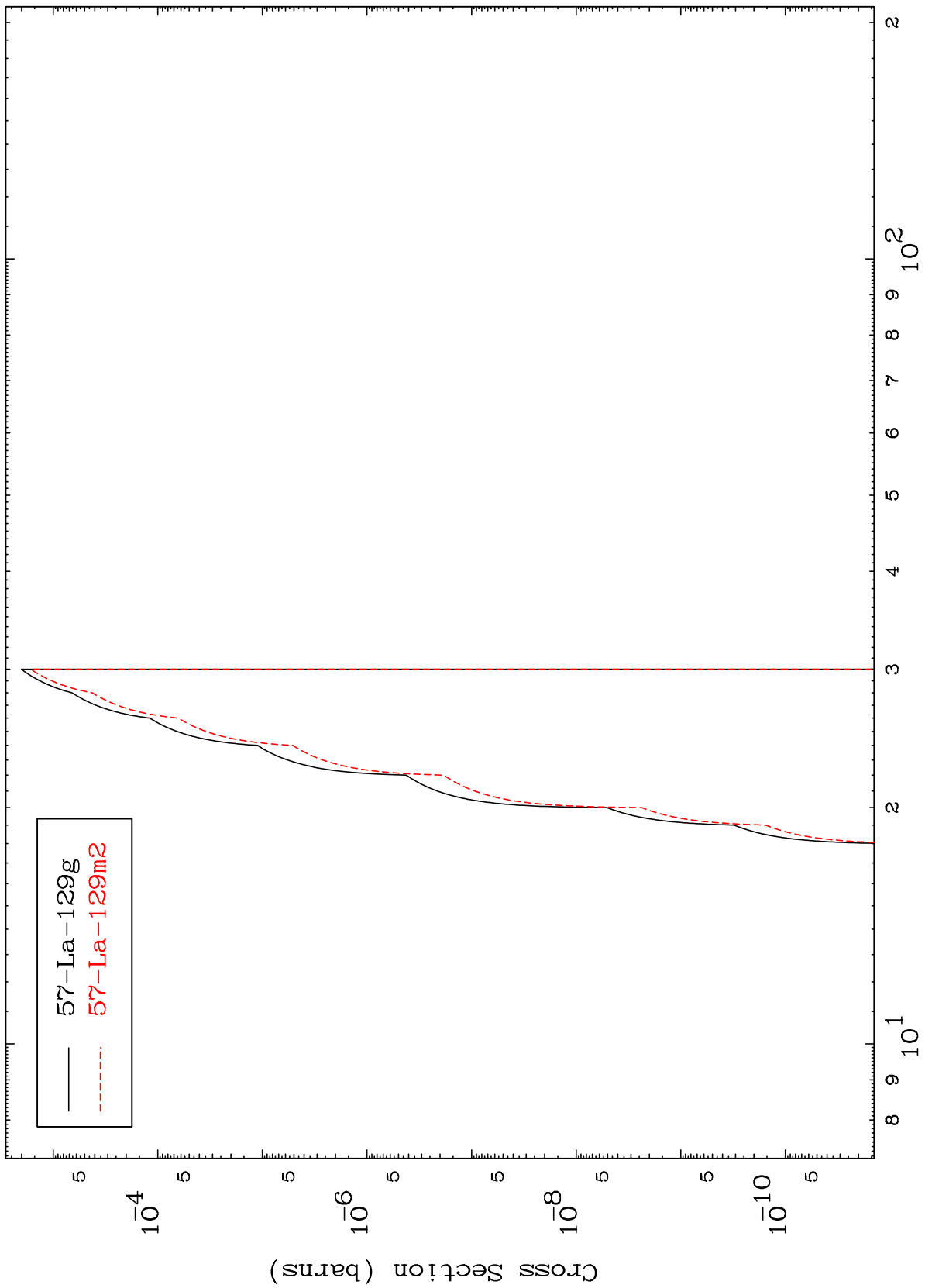
59-Pr-134m

MAT 5905

(n,n') p α

59-Pr-134m

Radionuclide Production Cross Section



16

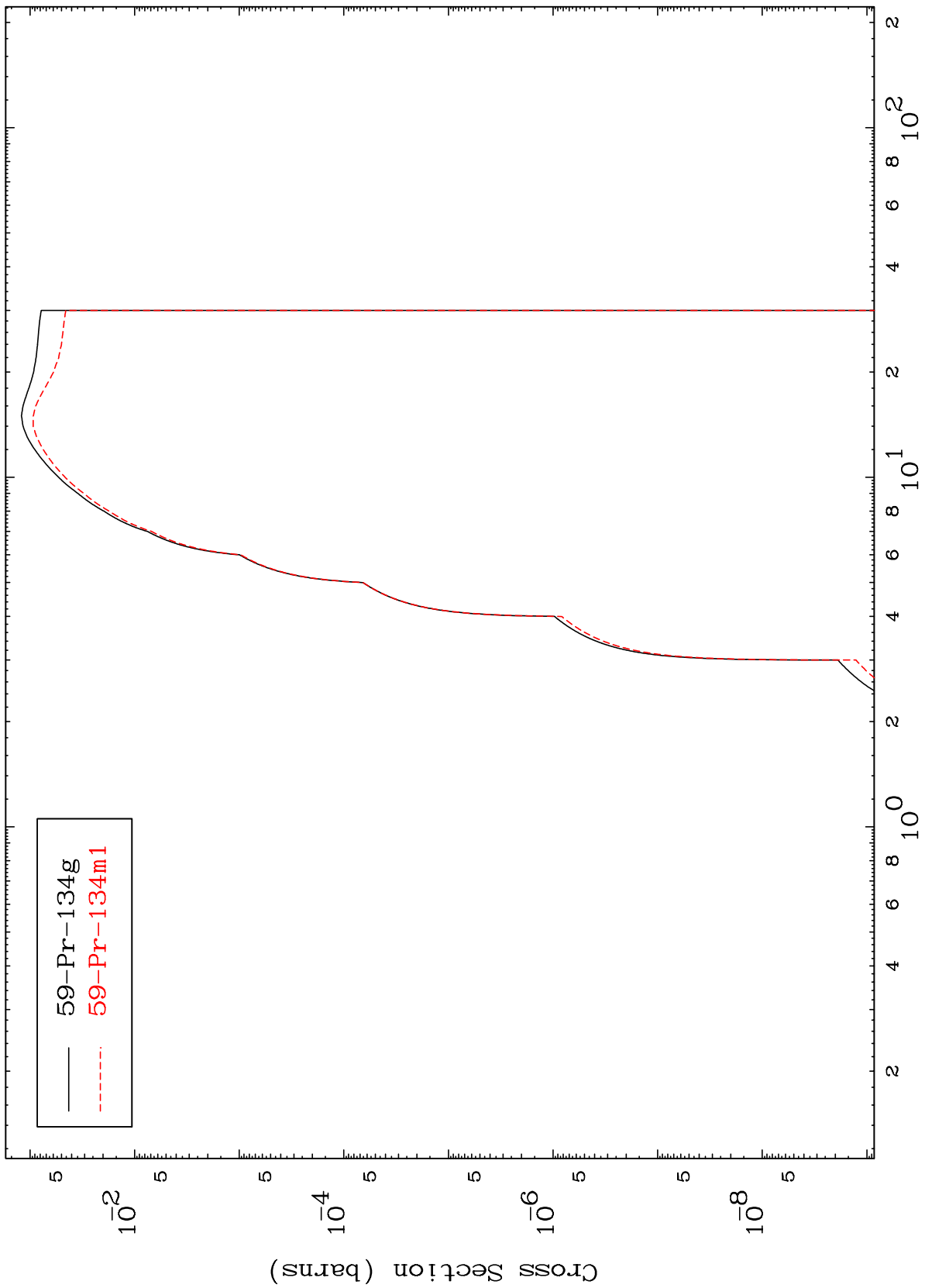
Incident Energy (MeV)

59-Pr-134m

MAT 5905

59-Pr-134m

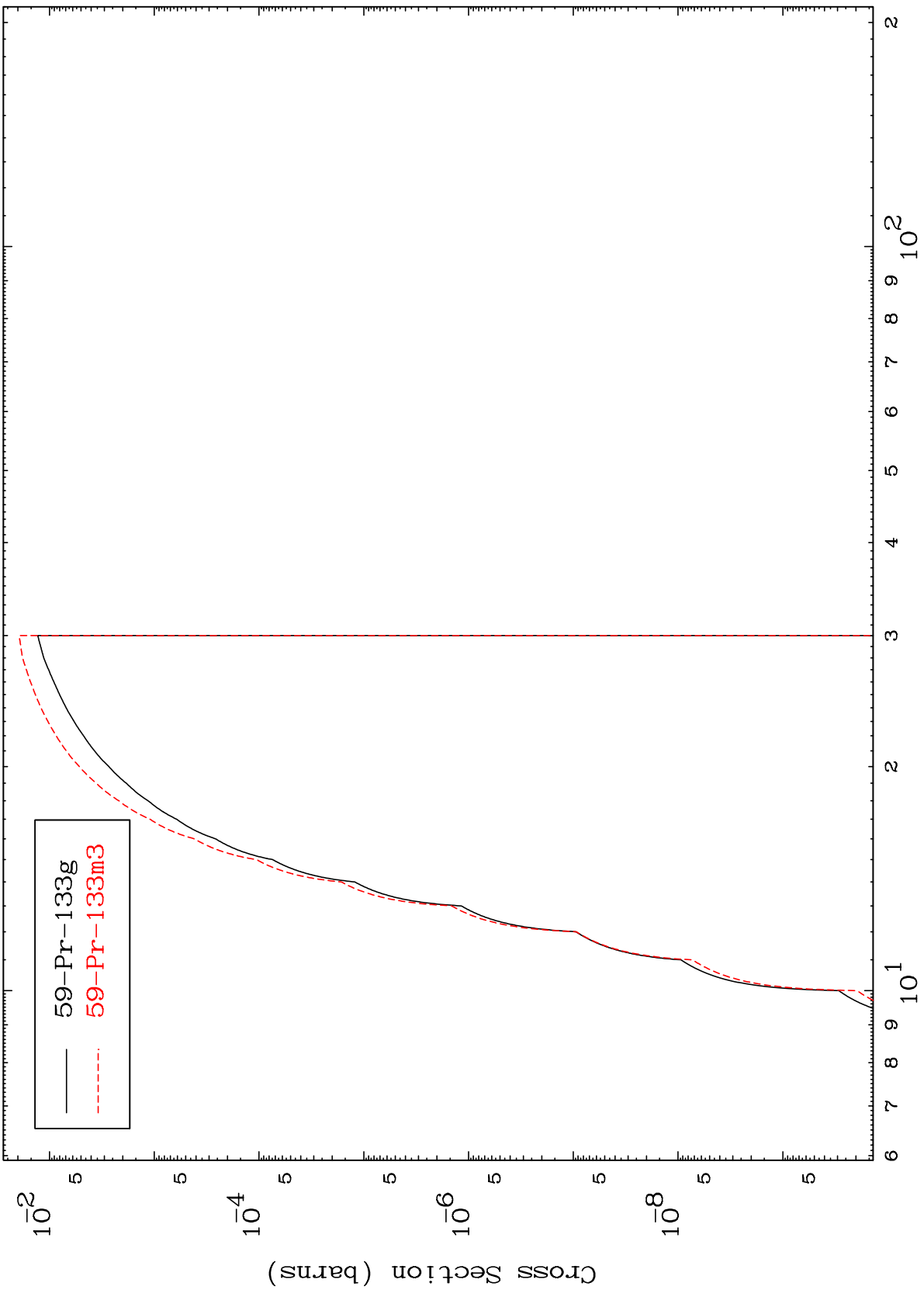
(n,p)
Radionuclide Production Cross Section



MAT 5905

59-Pr-134m

(n,d)
Radionuclide Production Cross Section



18

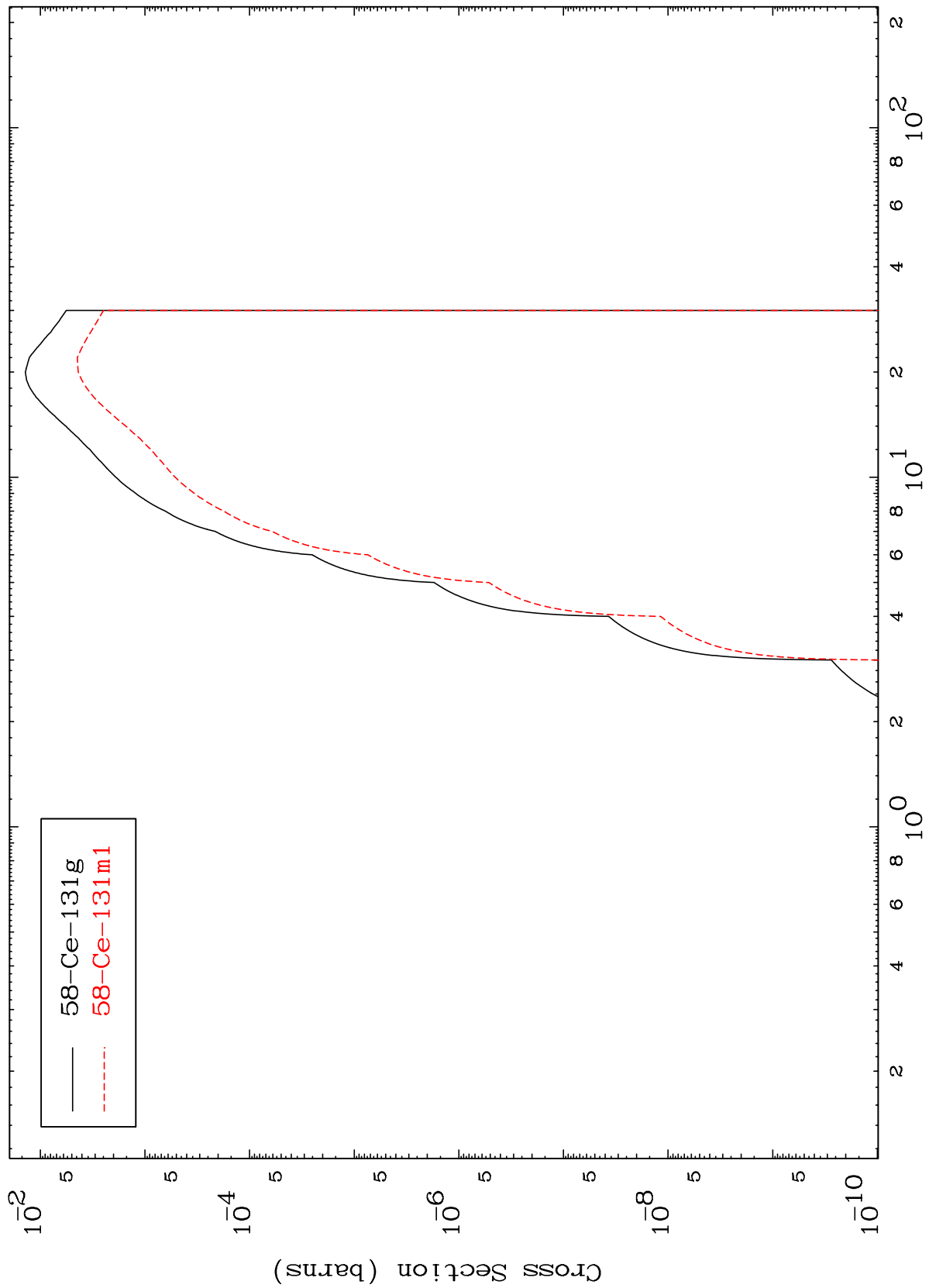
Incident Energy (MeV)

59-Pr-134m

MAT 5905

59-Pr-134m

(n, α)
Radionuclide Production Cross Section



— 58-Ce-131g
- - - 58-Ce-131m1

59-Pr-134m

Incident Energy (MeV)

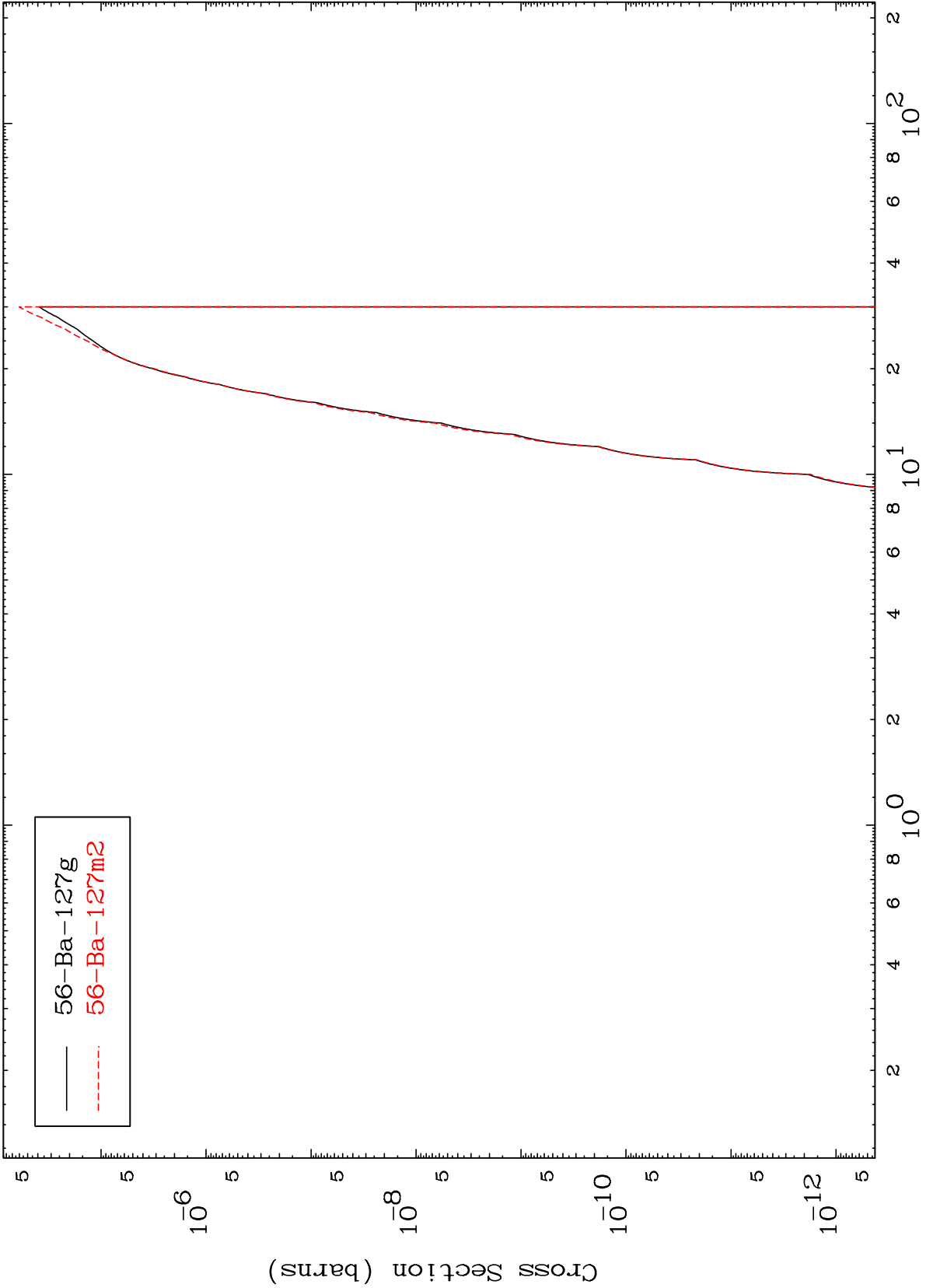
19

MAT 5905

(n,2α)

59-Pr-134m

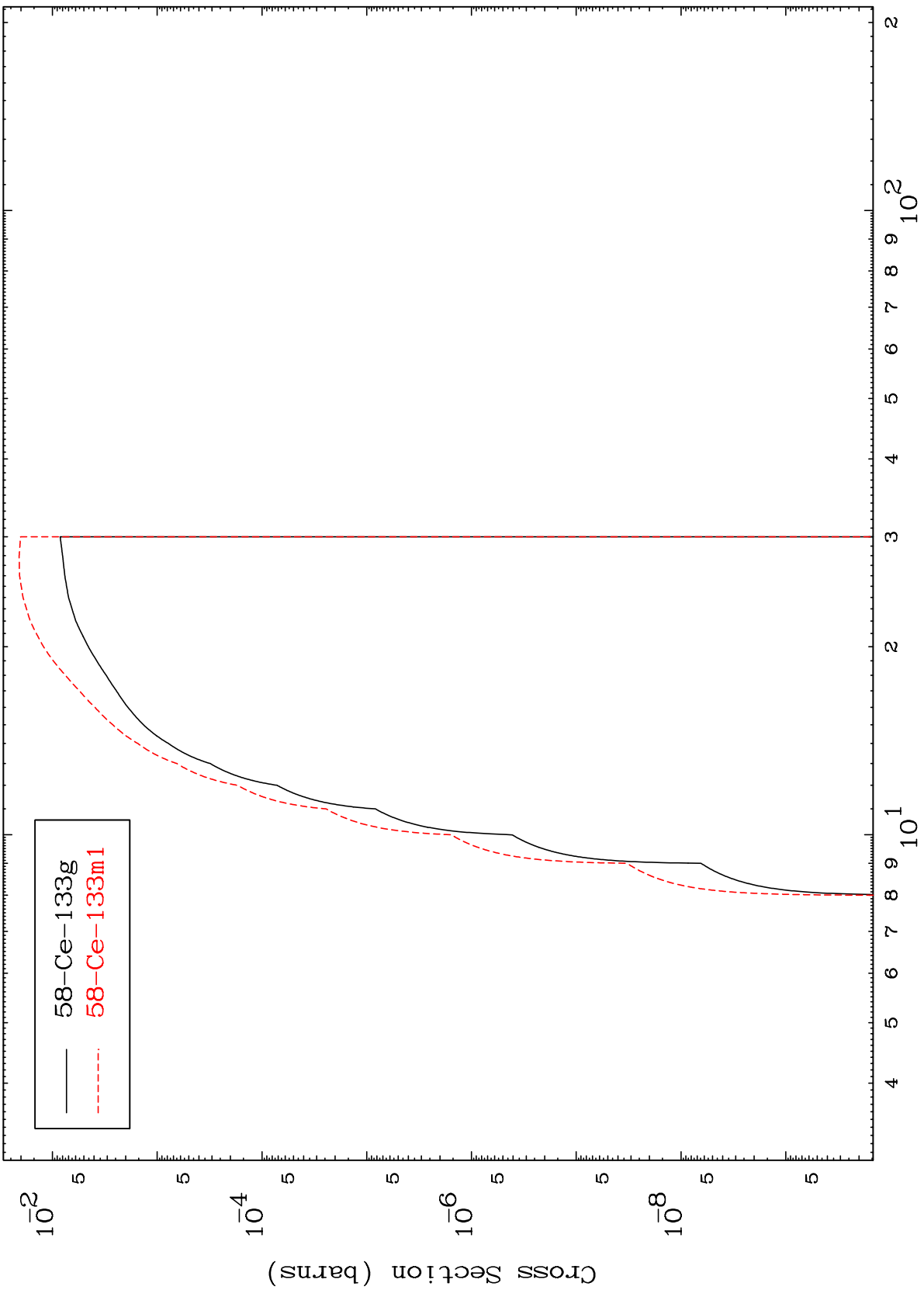
Radionuclide Production Cross Section



MAT 5905

59-Pr-134m

(n,2p)
Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

59-Pr-134m

Incident Energy (MeV)

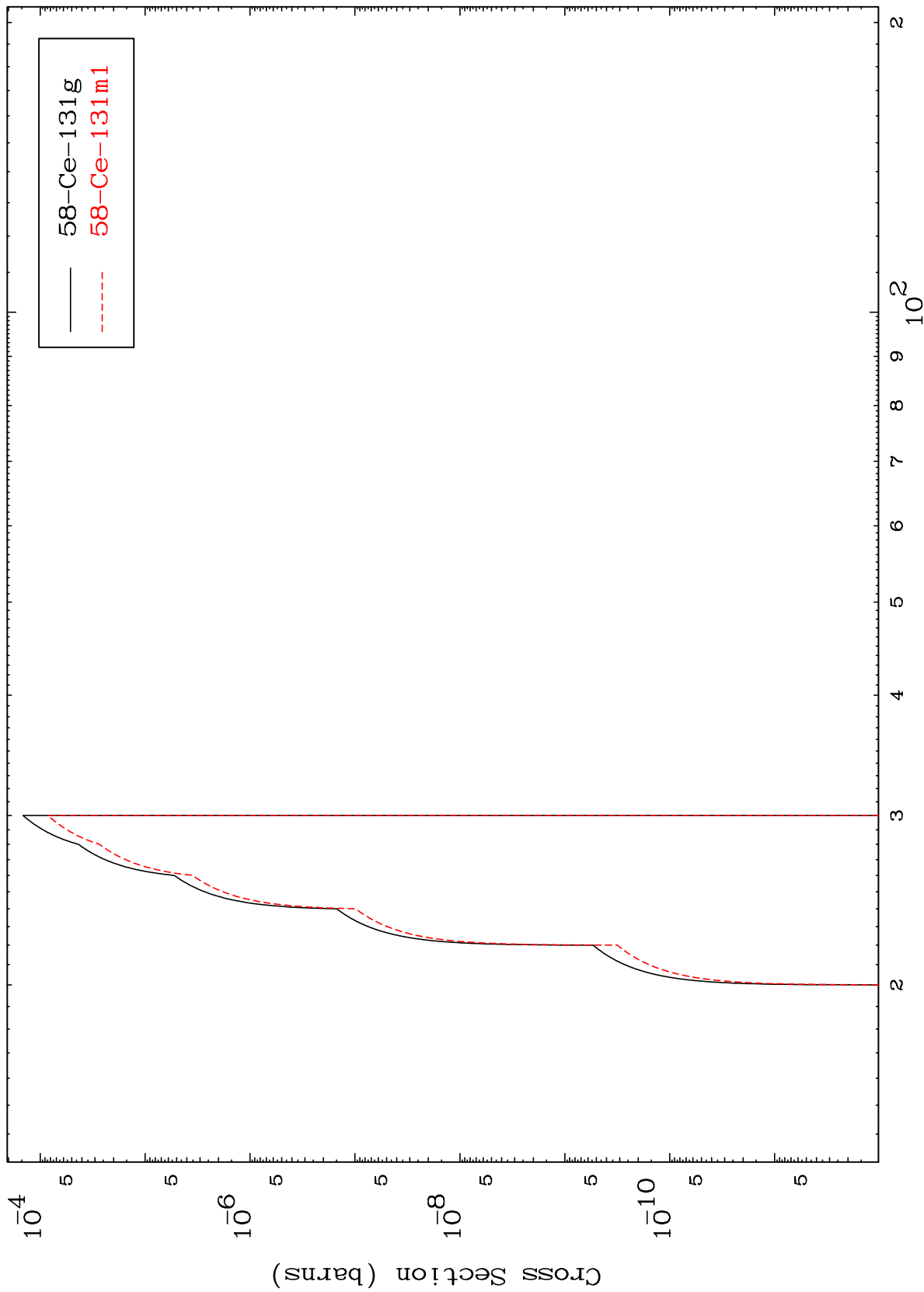
21

MAT 5905

(n,p) t

59-Pr-134m

Radionuclide Production Cross Section

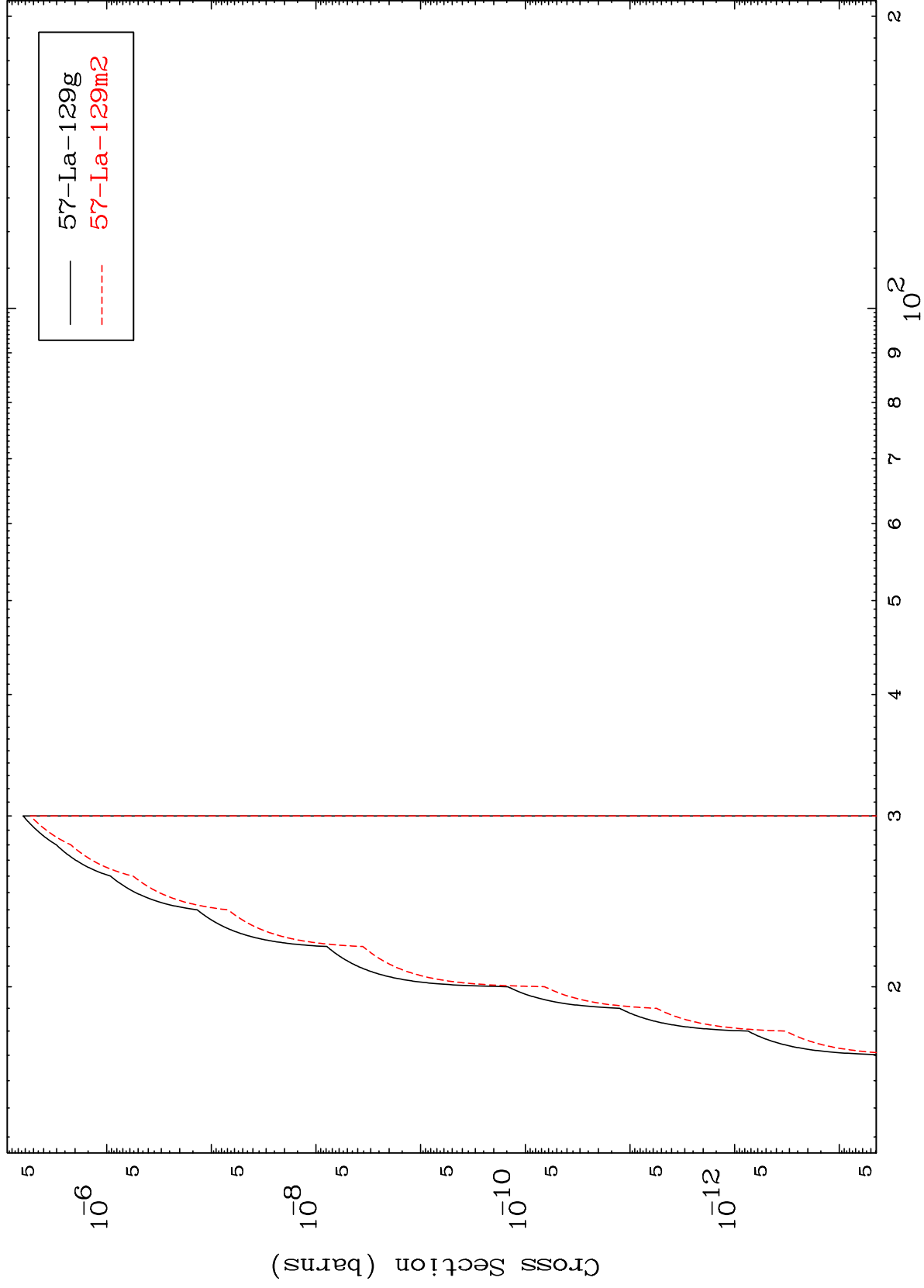


MAT 5905

(n,d) α

59-Pr-134m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

59-Pr-134m