

Program EVALPLOT
(Version 2021-1)

by

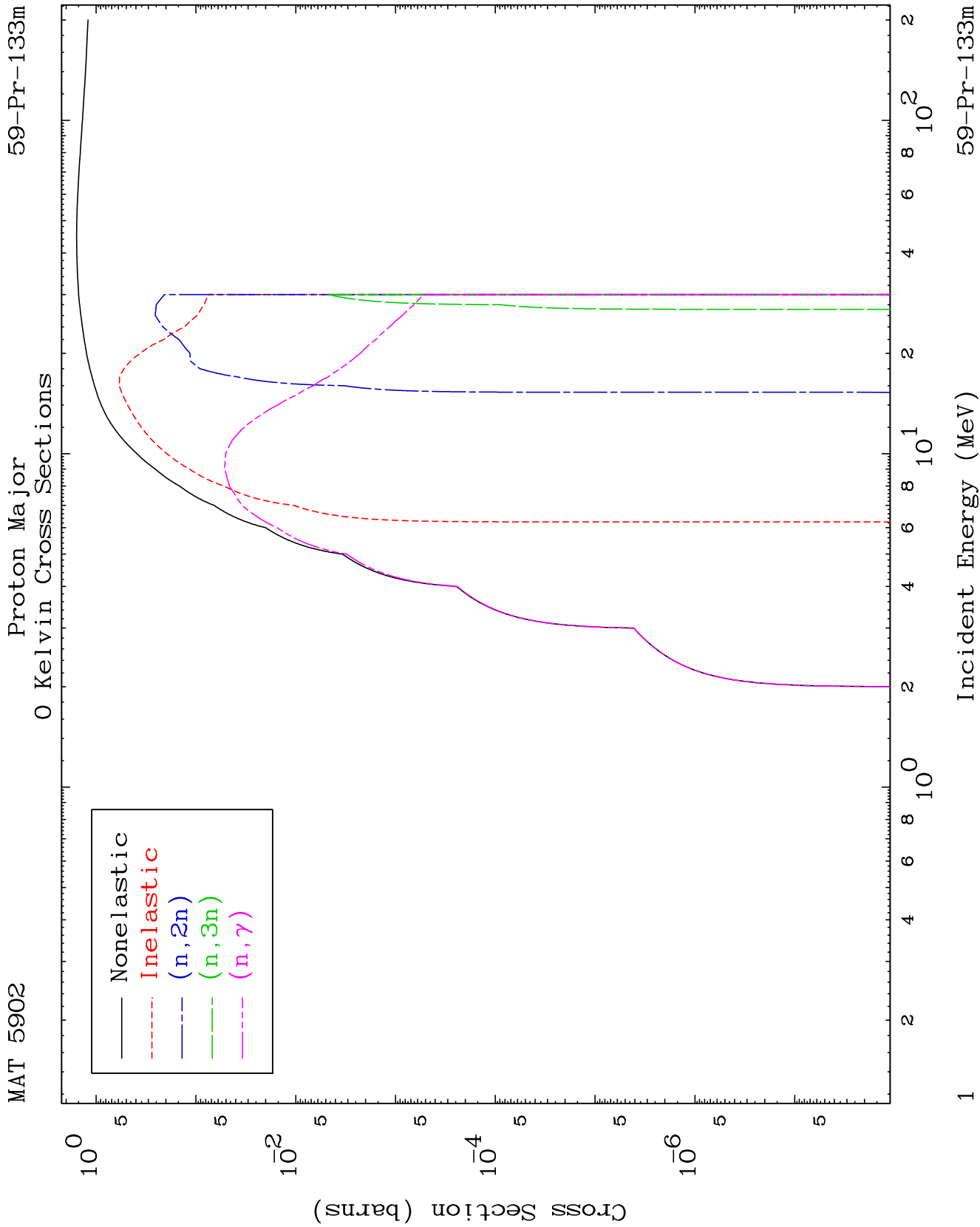
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

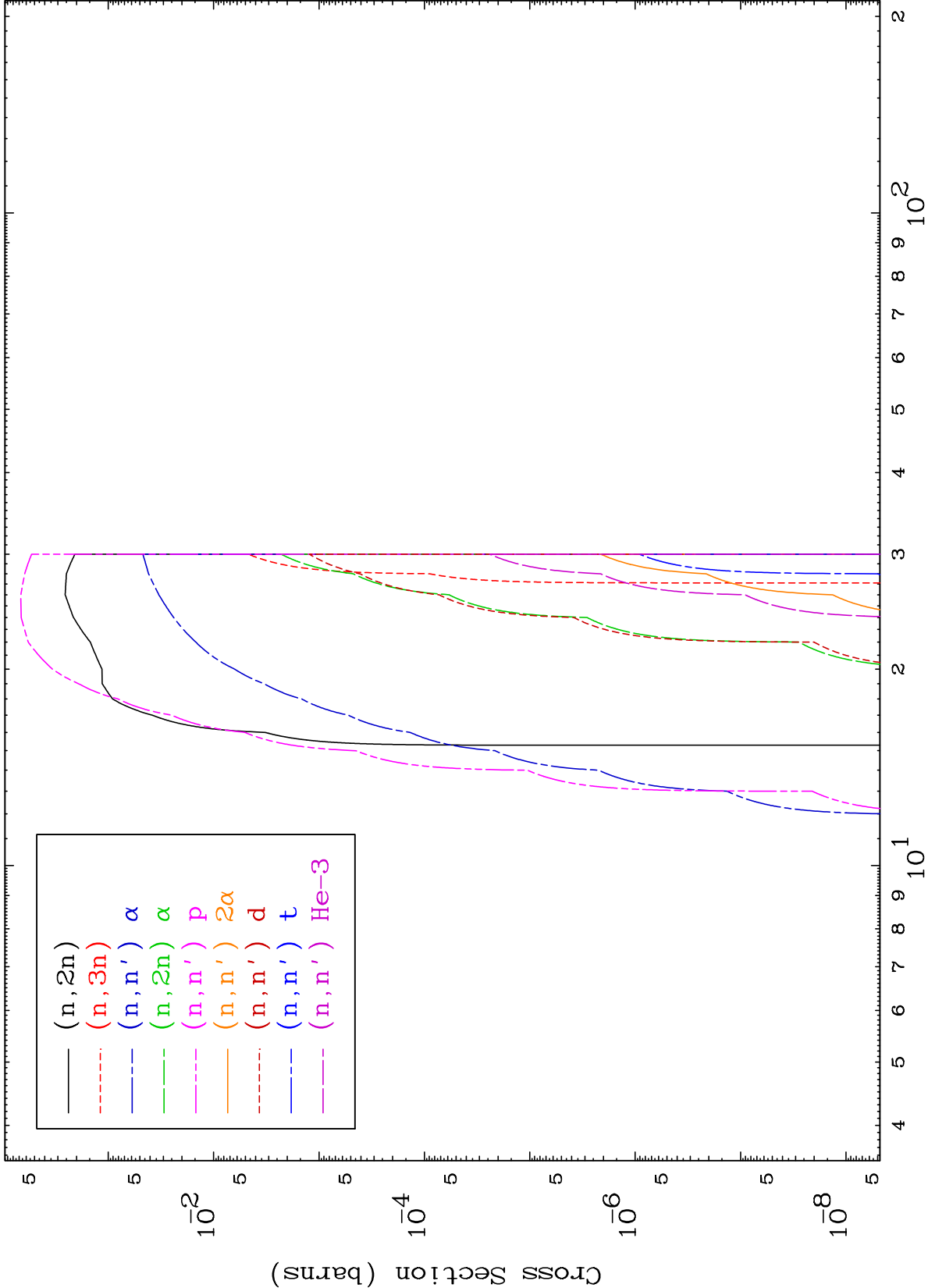
Press Mouse Button to Start



MAT 5902

Proton Neutron Absorption
0 Kelvin Cross Sections

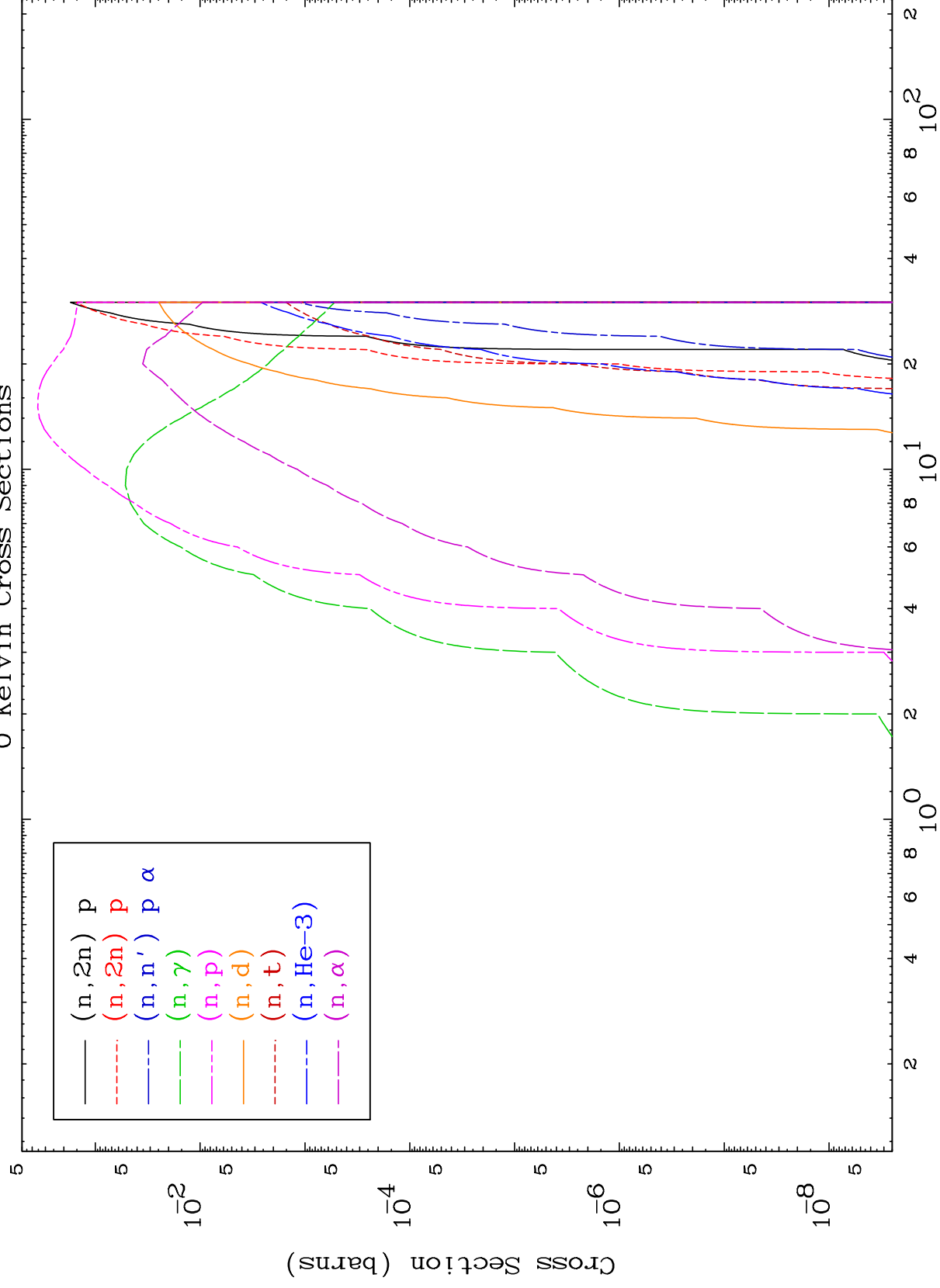
59-Pr-133m

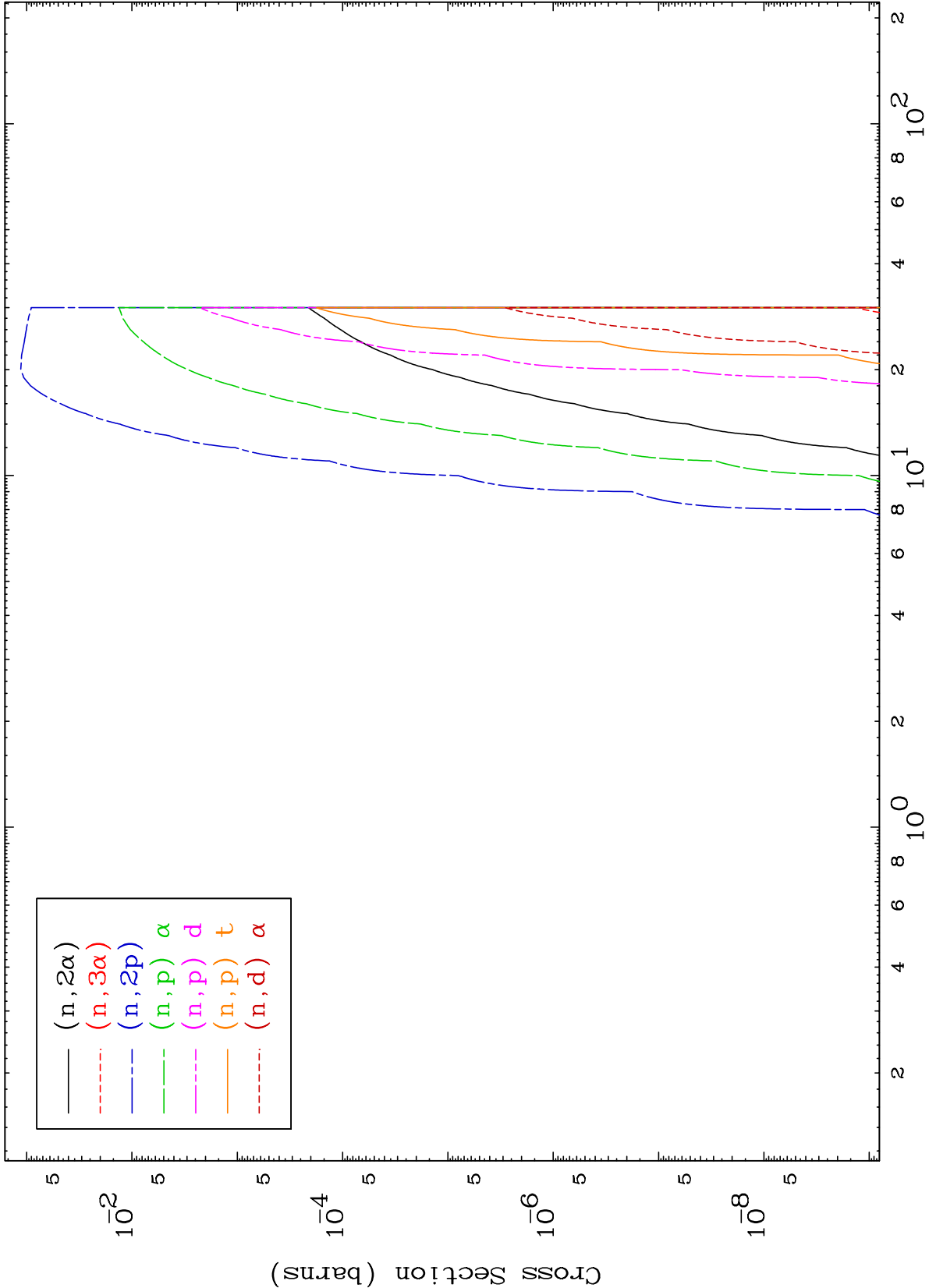


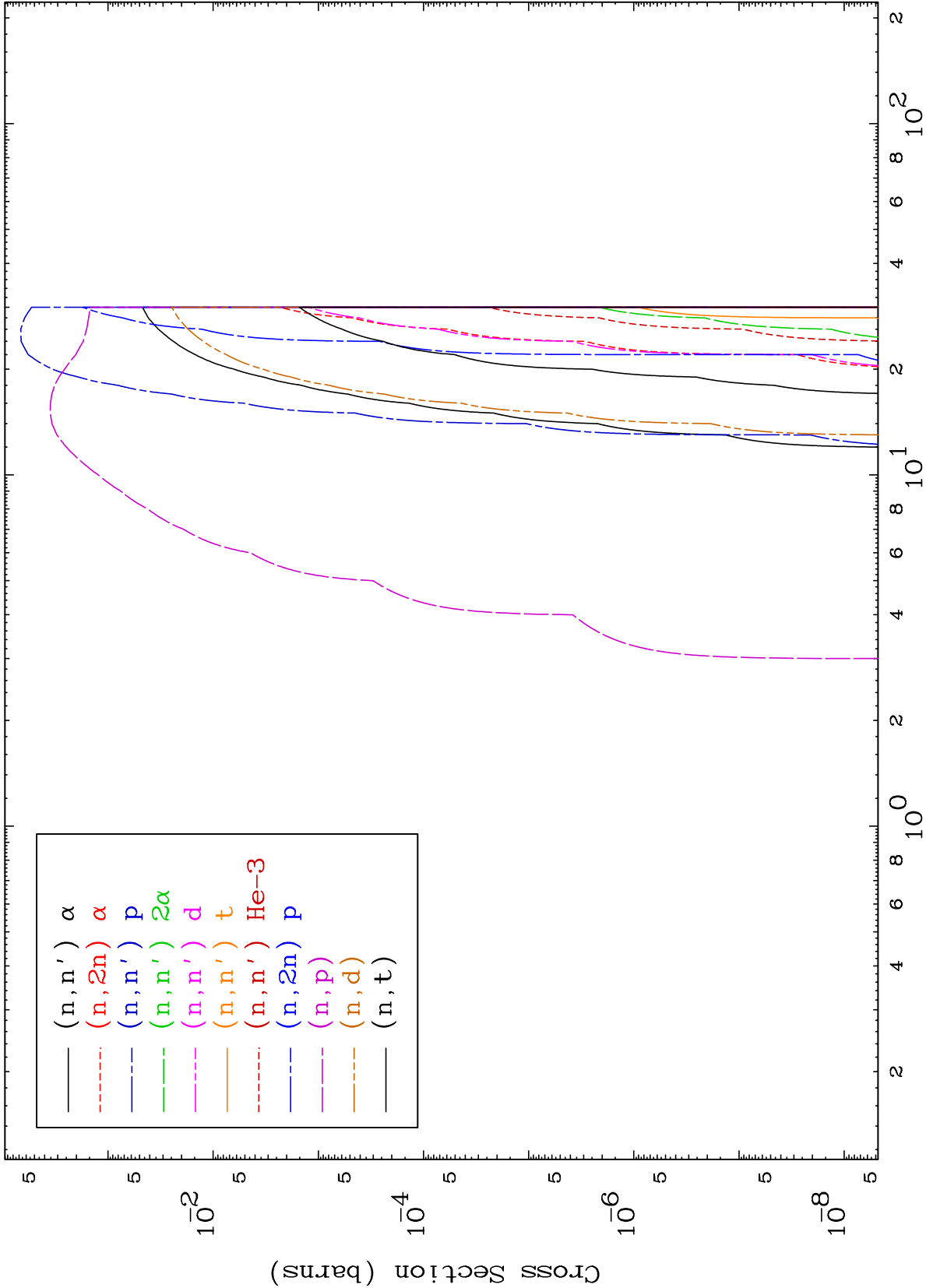
59-Pr-133m

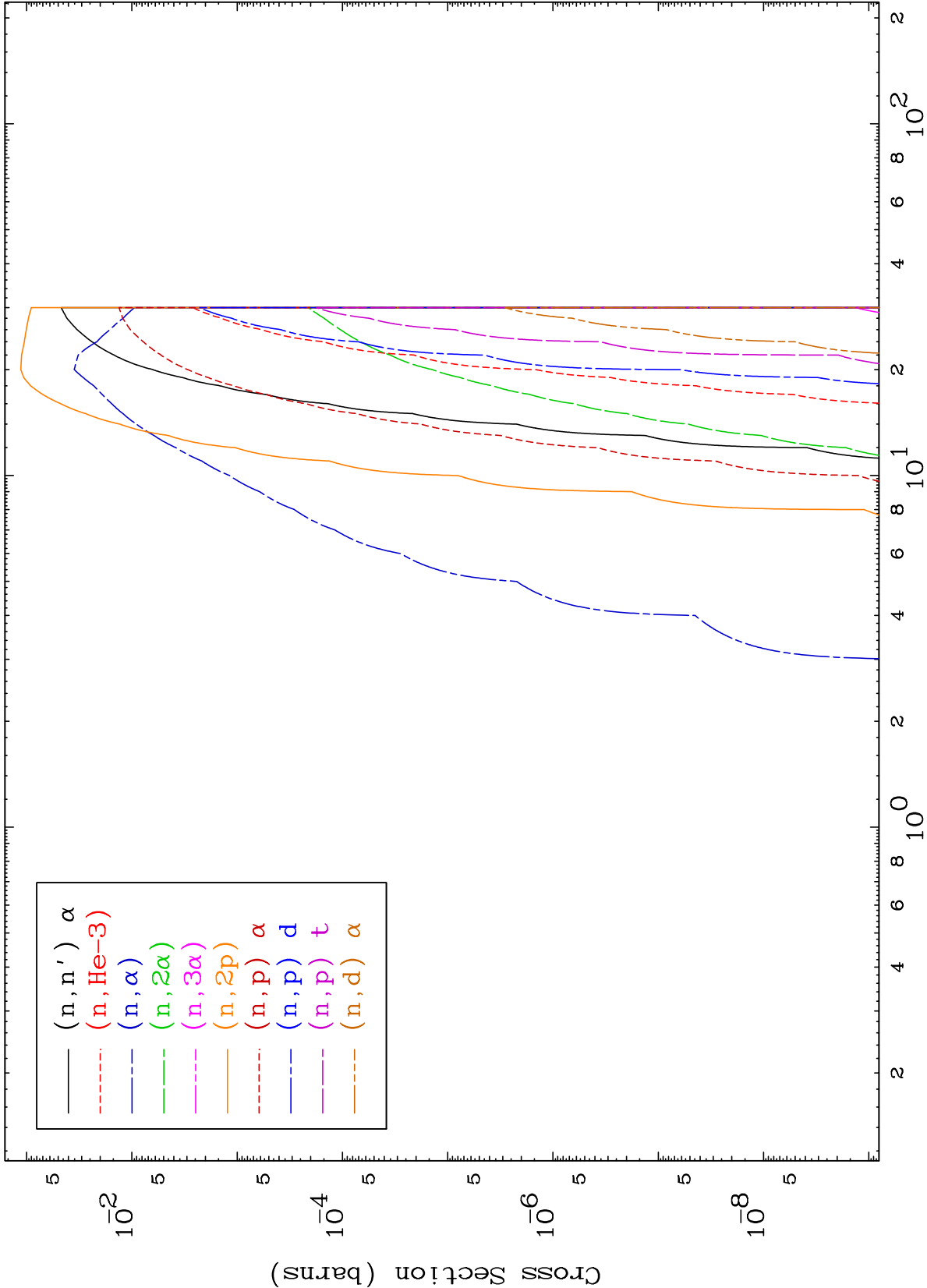
Incident Energy (MeV)

2





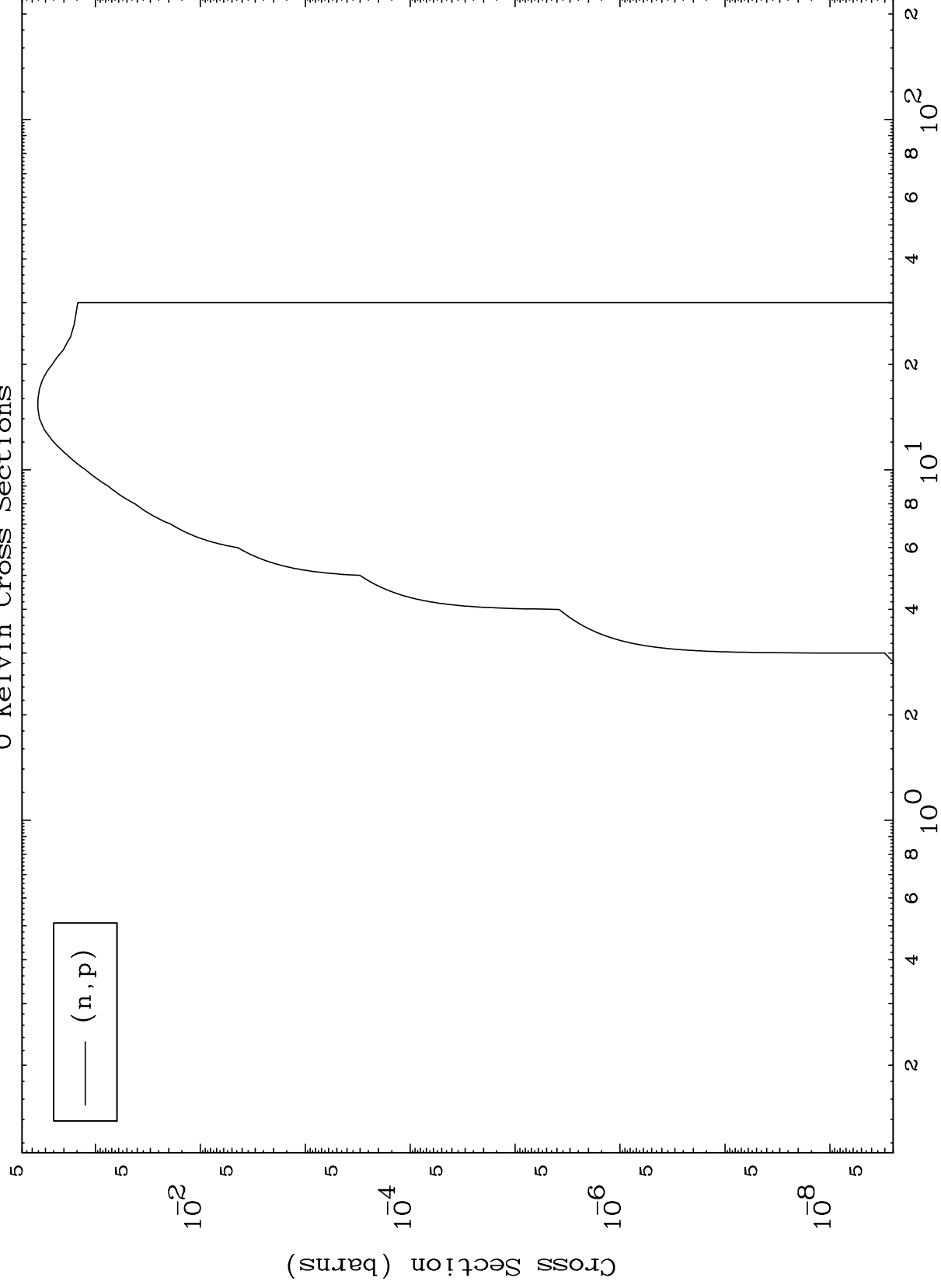




MAT 5902

59-Pr-133m

(p,p) Levels
0 Kelvin Cross Sections



7

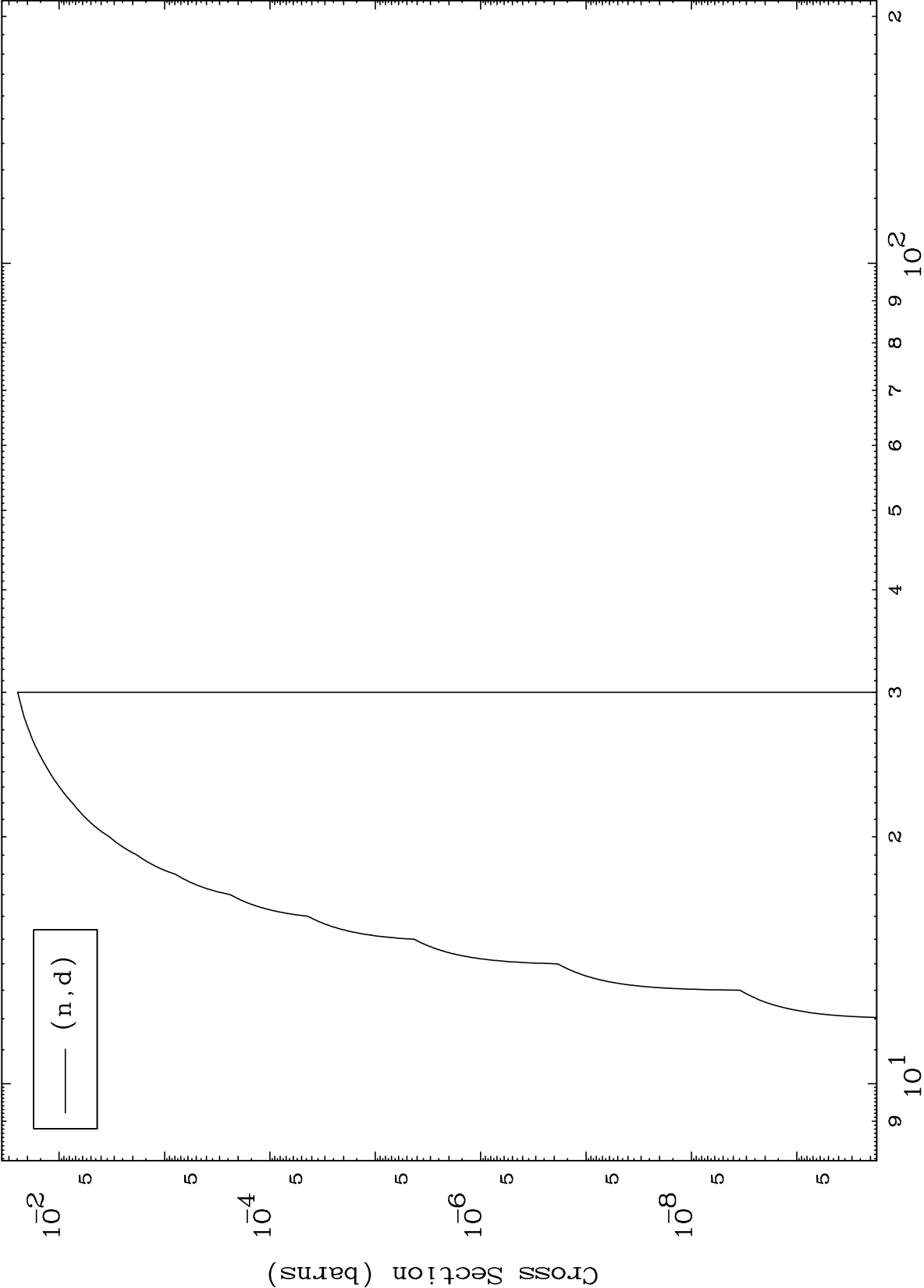
Incident Energy (MeV)

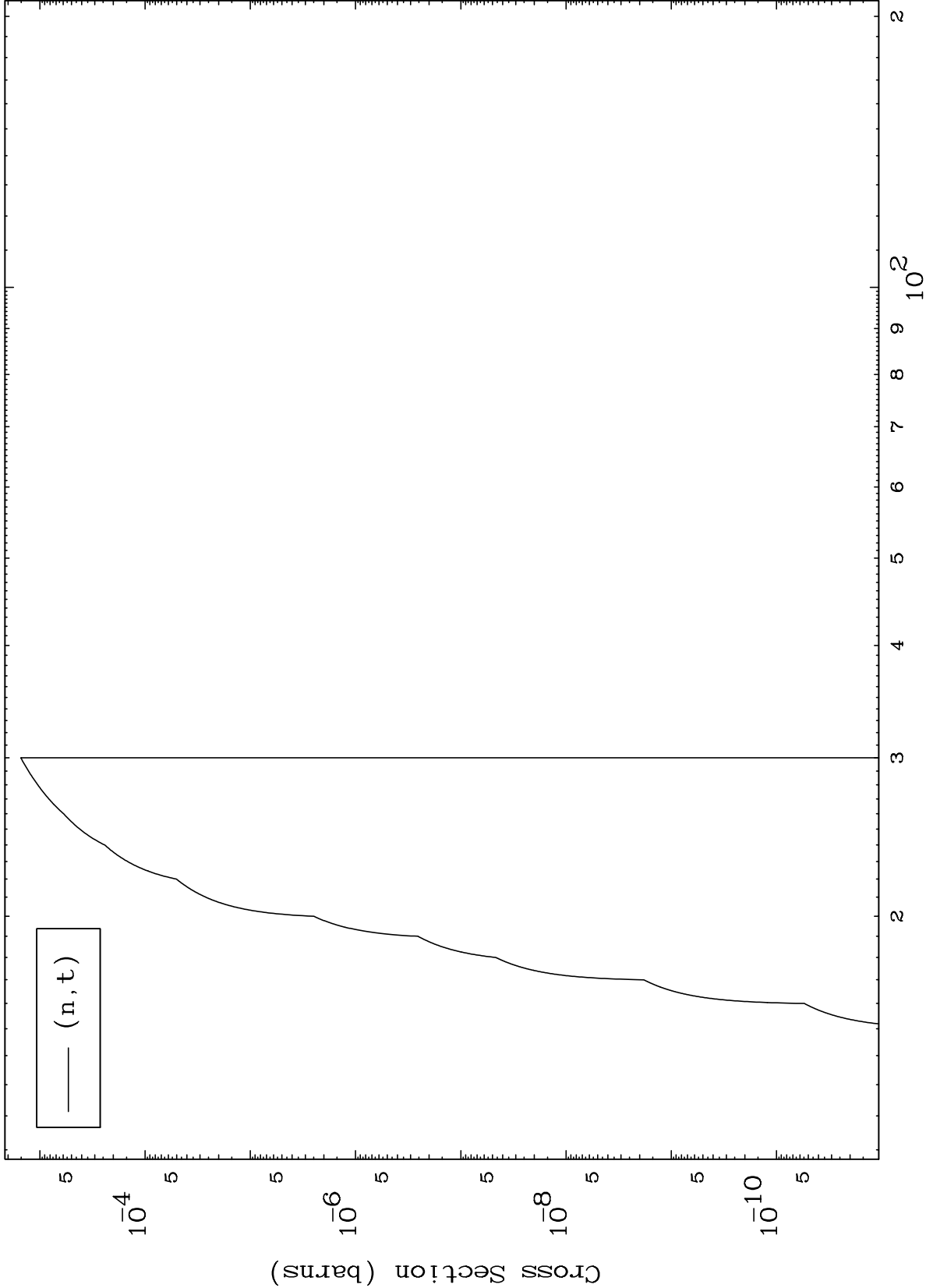
59-Pr-133m

MAT 5902

(p,d) Levels
0 Kelvin Cross Sections

59-Pr-133m



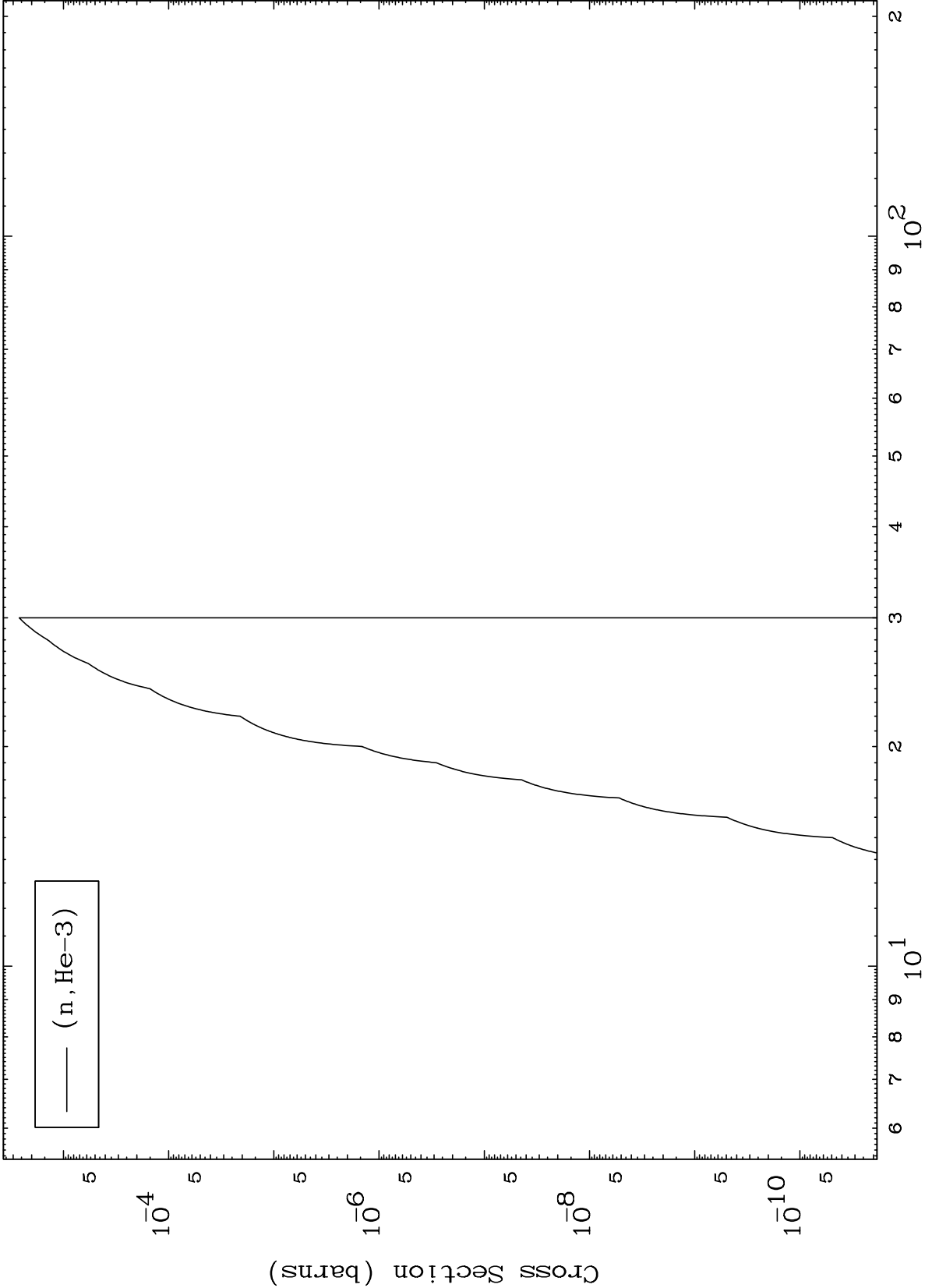


MAT 5902

(p,He3) Levels

59-Pr-133m

0 Kelvin Cross Sections

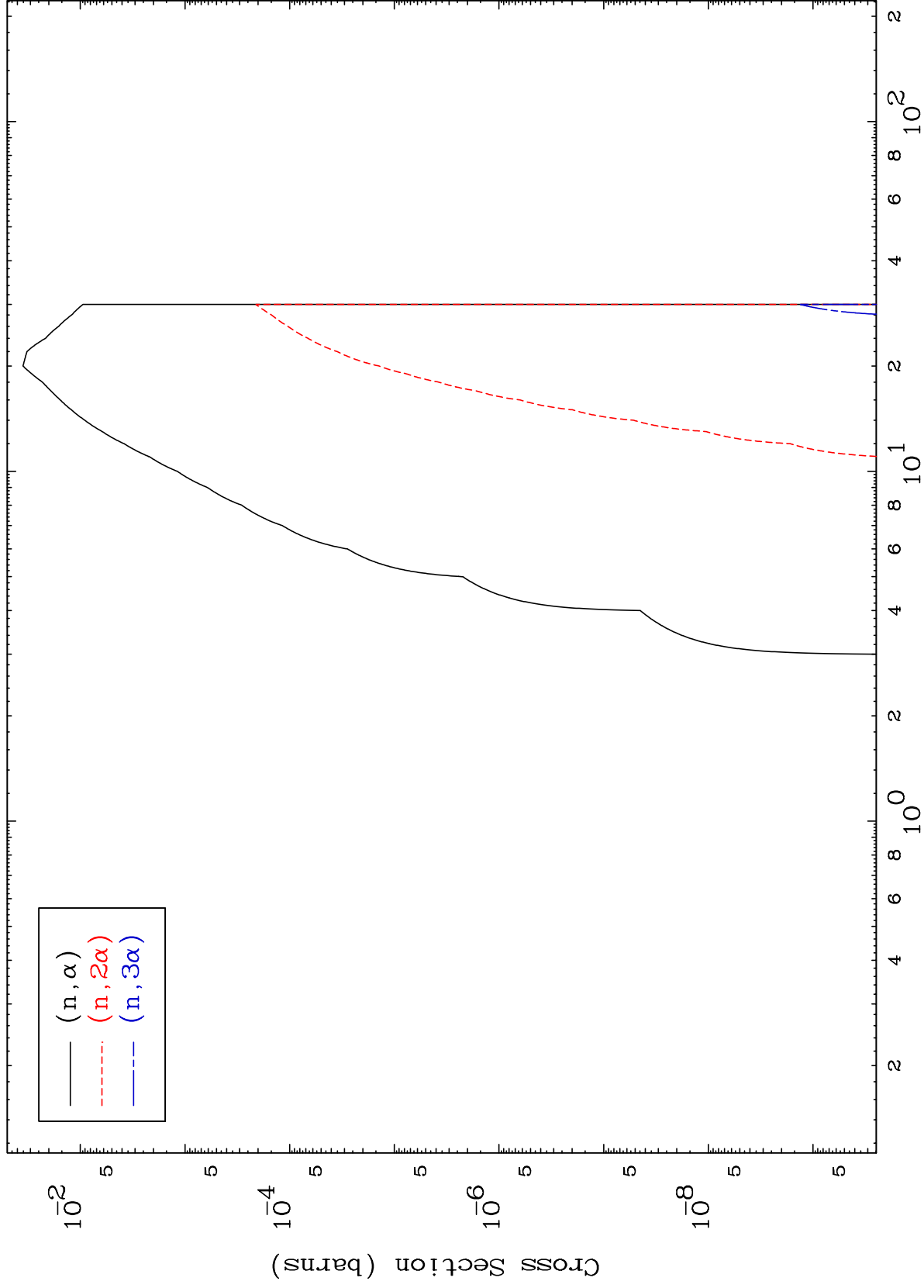


10

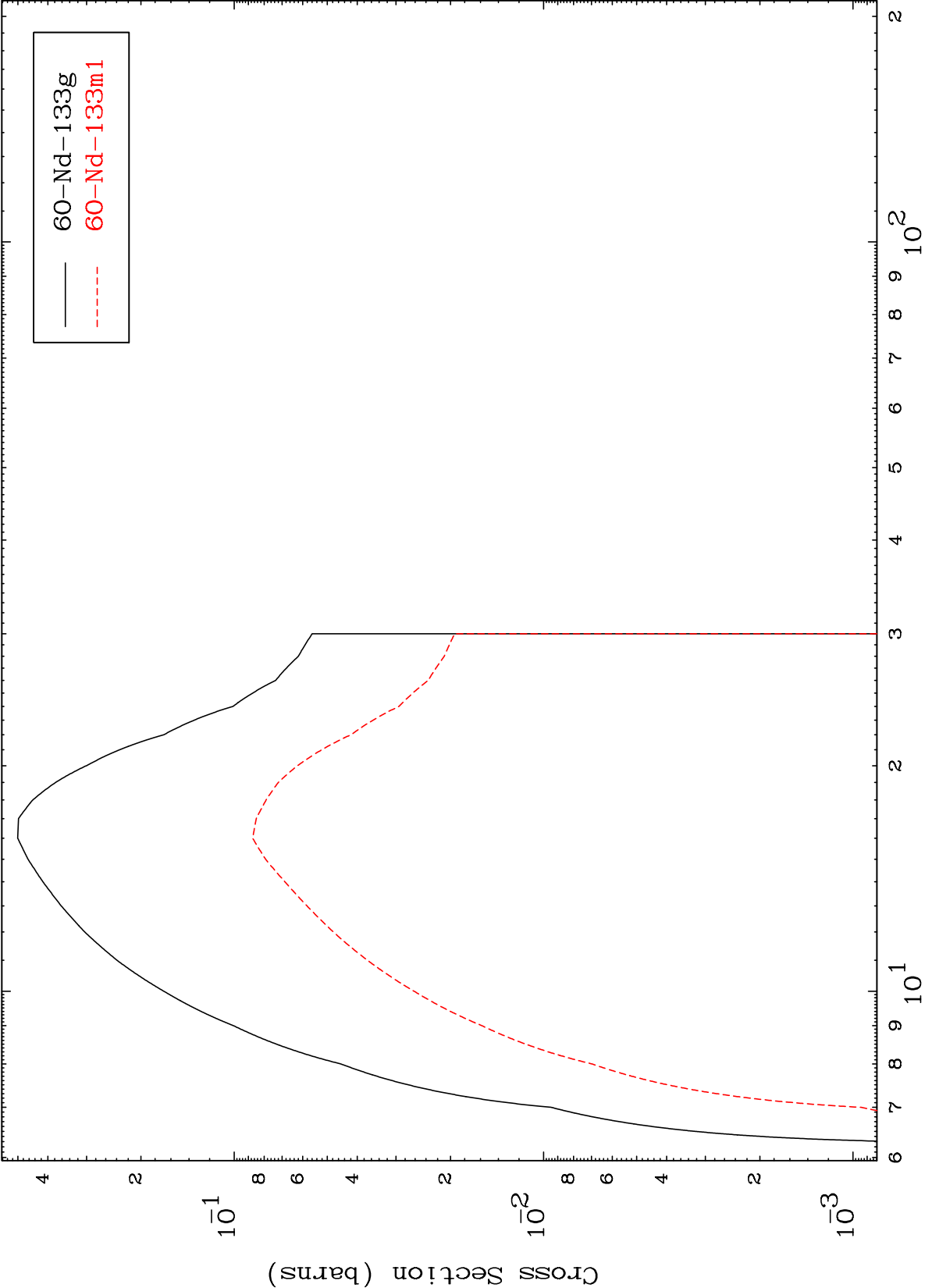
Incident Energy (MeV)

59-Pr-133m

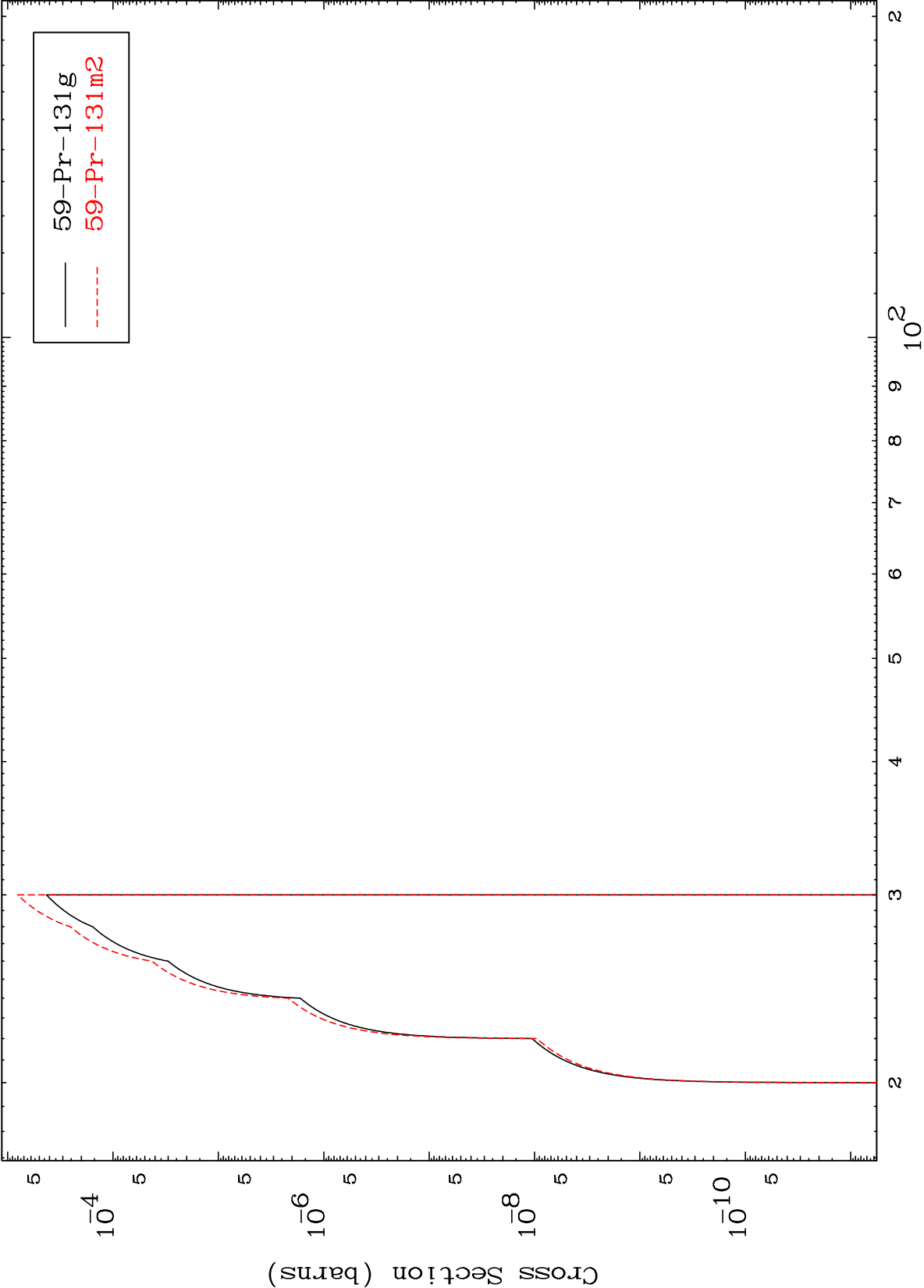
(p, α) Levels
0 Kelvin Cross Sections



Inelastic
Radionuclide Production Cross Section



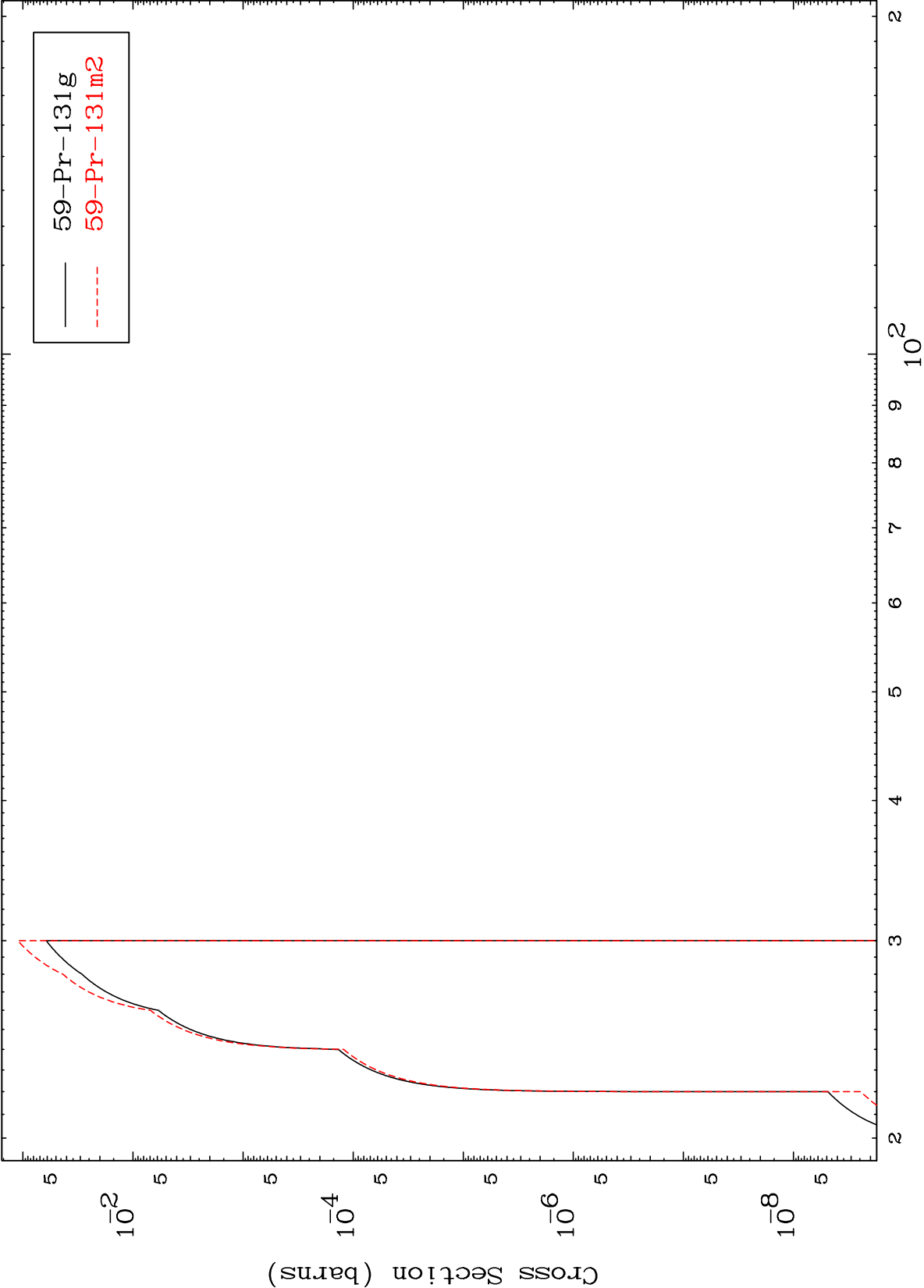
(n,n') d
Radionuclide Production Cross Section



MAT 5902

59-Pr-133m

(n,2n) p
Radionuclide Production Cross Section

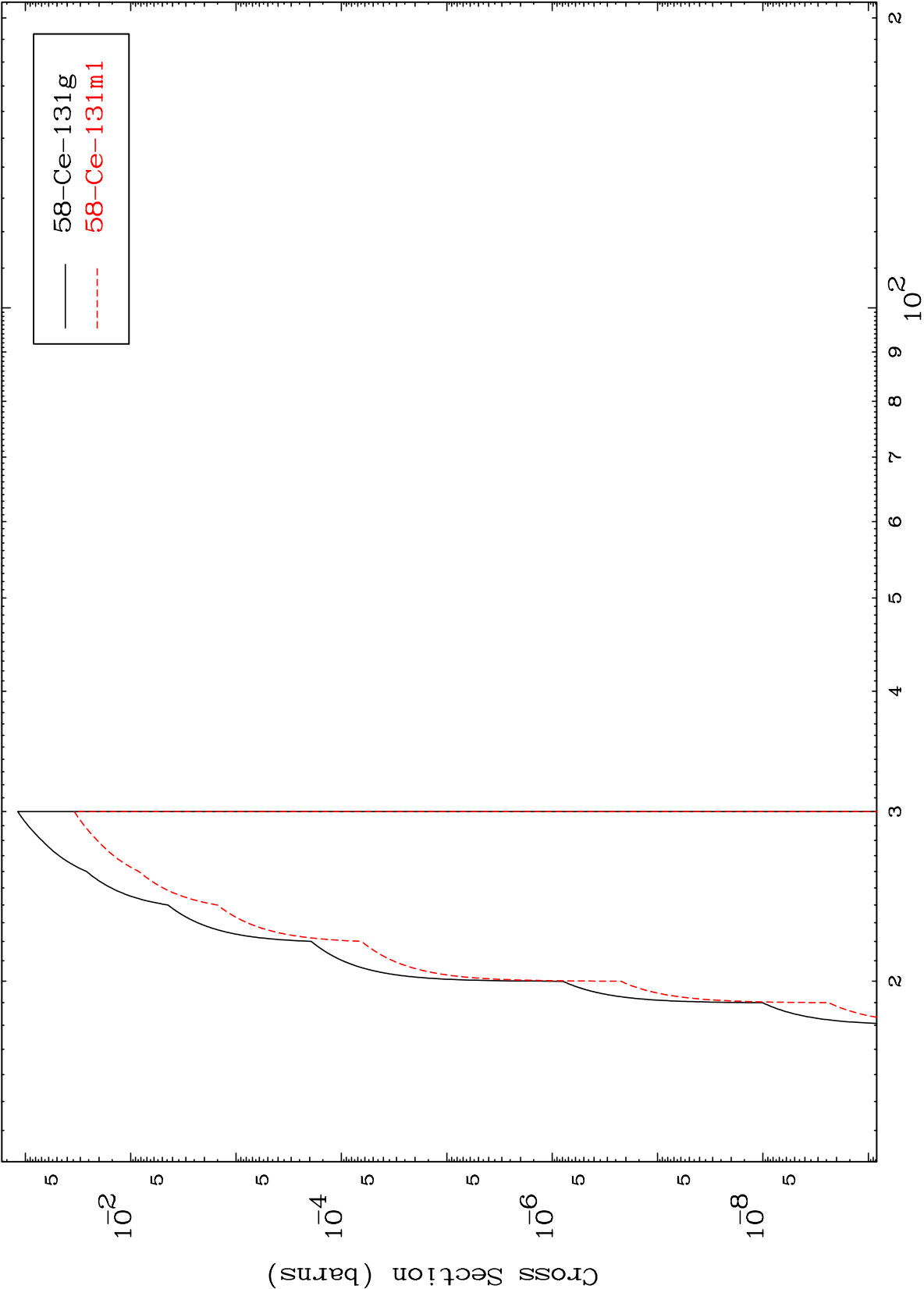


59-Pr-133m

Incident Energy (MeV)

14

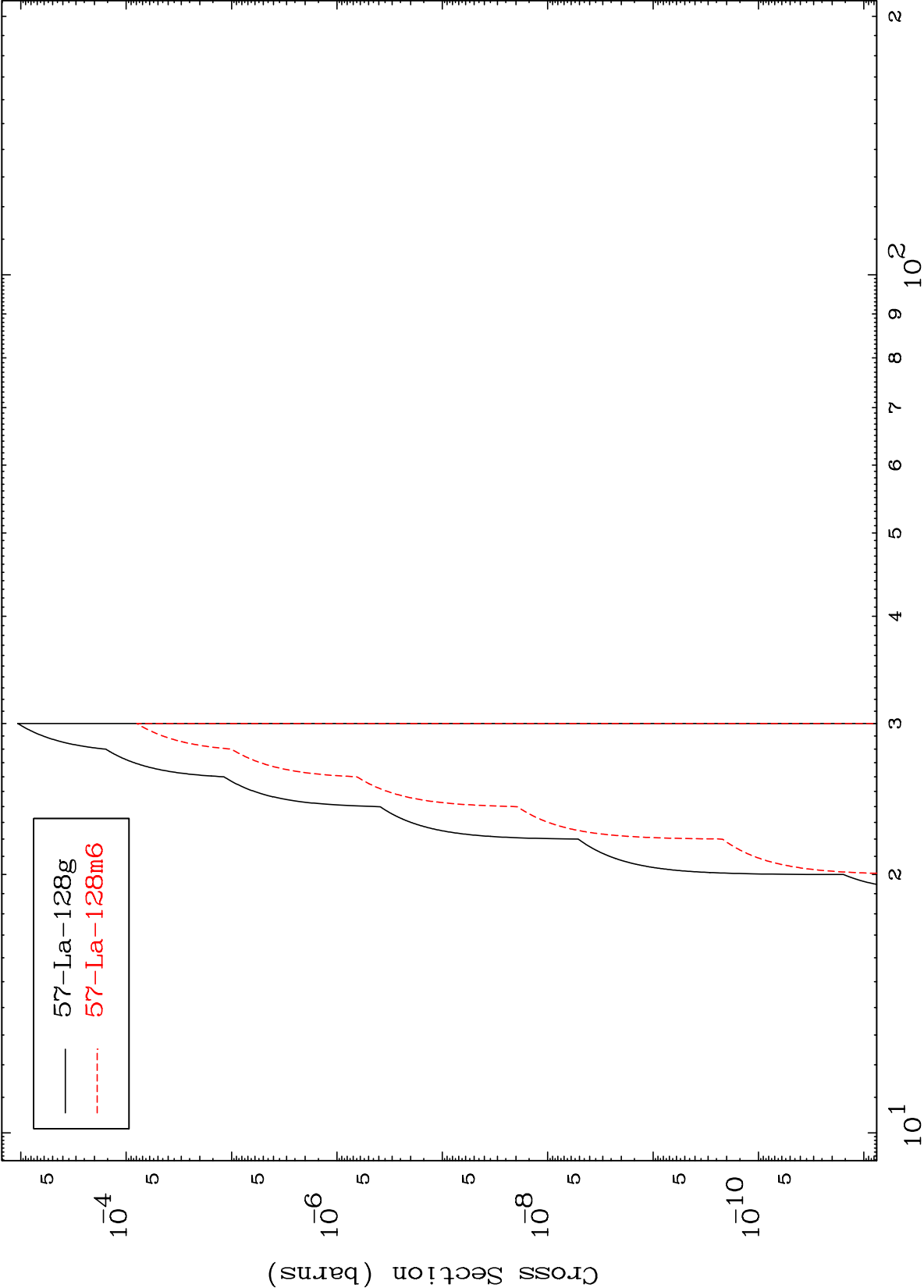
(n,2n) p
Radionuclide Production Cross Section



MAT 5902

59-Pr-133m

(n,n') p α
Radionuclide Production Cross Section



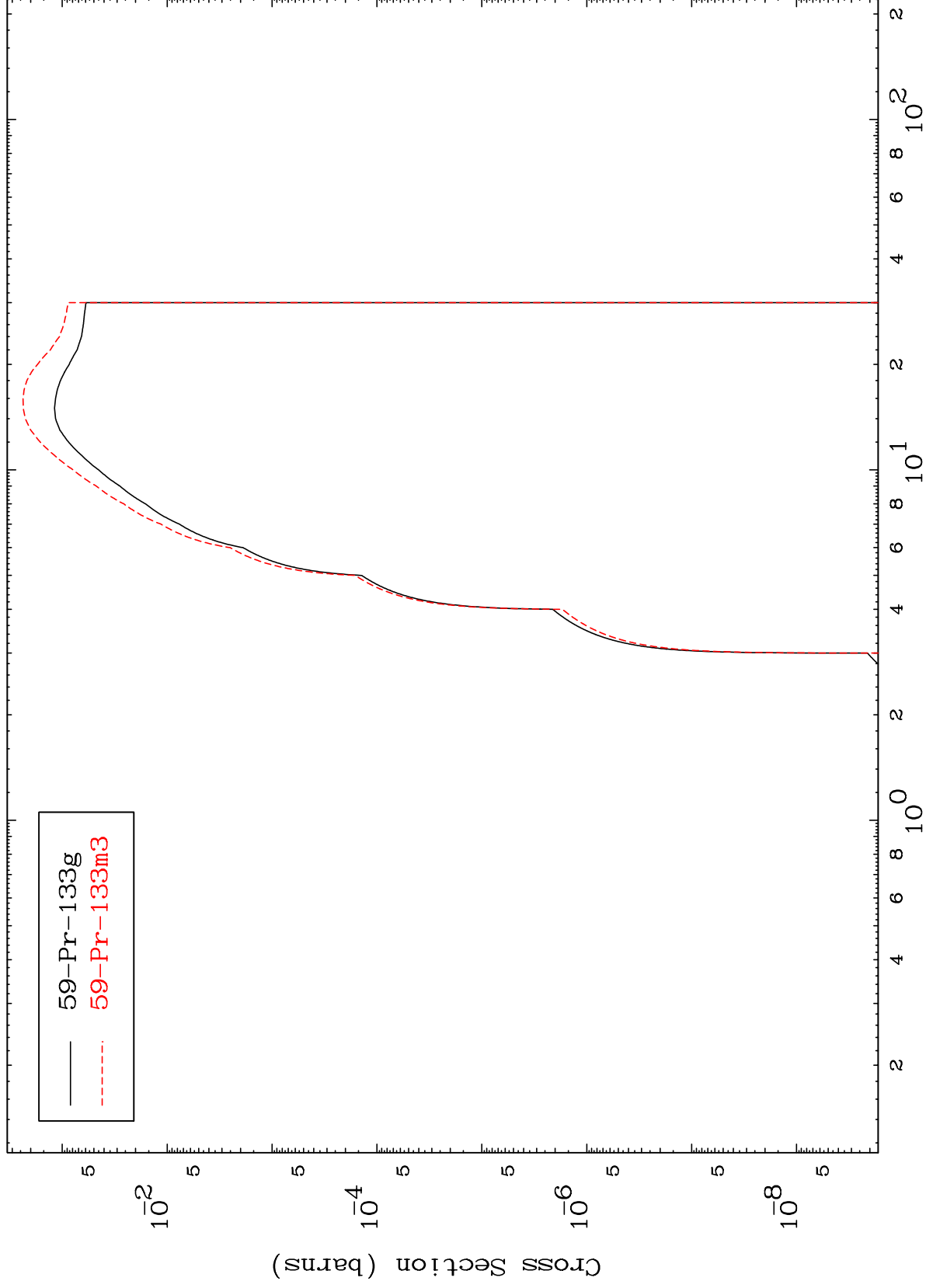
59-Pr-133m

Incident Energy (MeV)

MAT 5902

59-Pr-133m

(n,p)
Radionuclide Production Cross Section

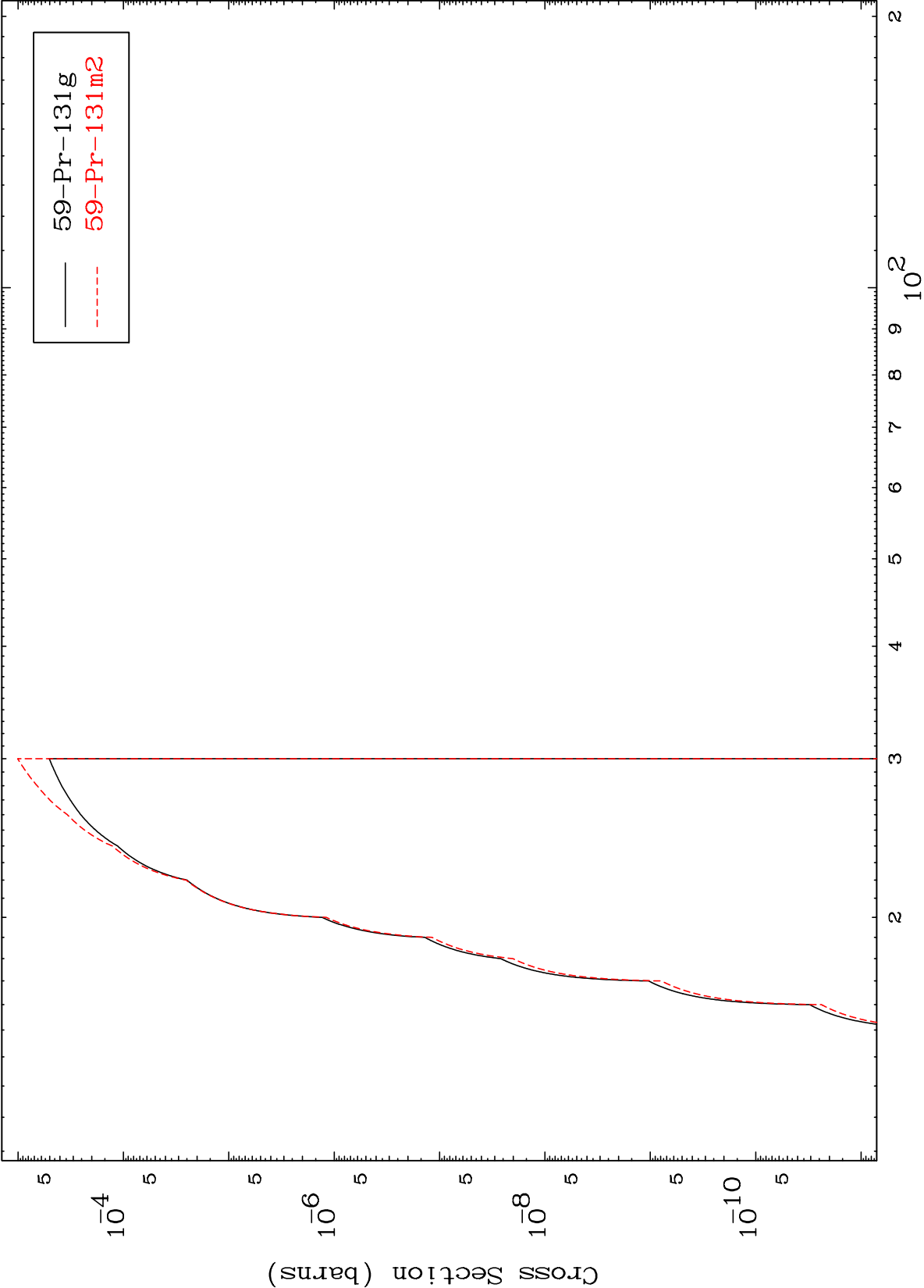


17

Incident Energy (MeV)

59-Pr-133m

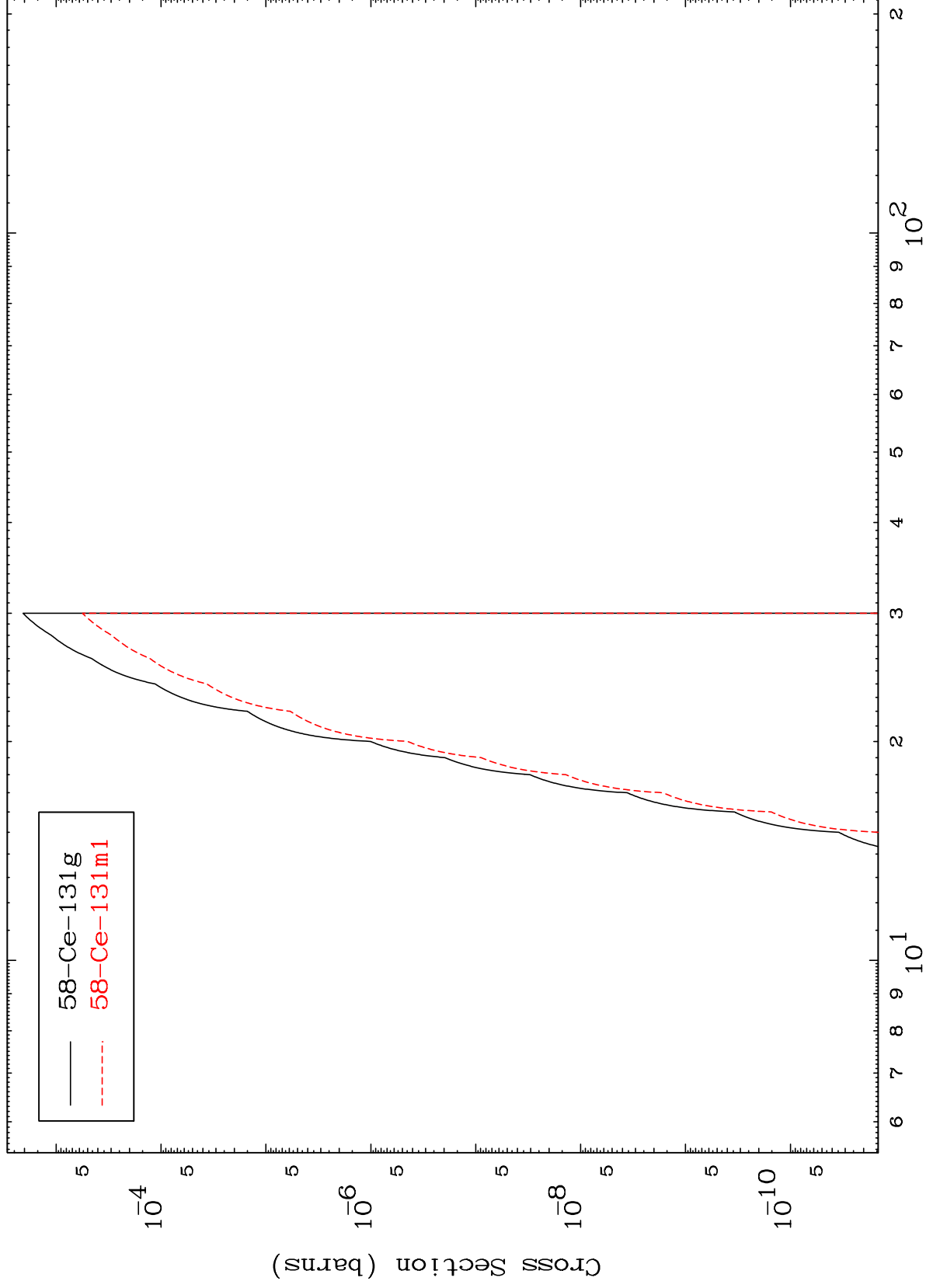
(n,t)
Radionuclide Production Cross Section



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59-Pr-133m

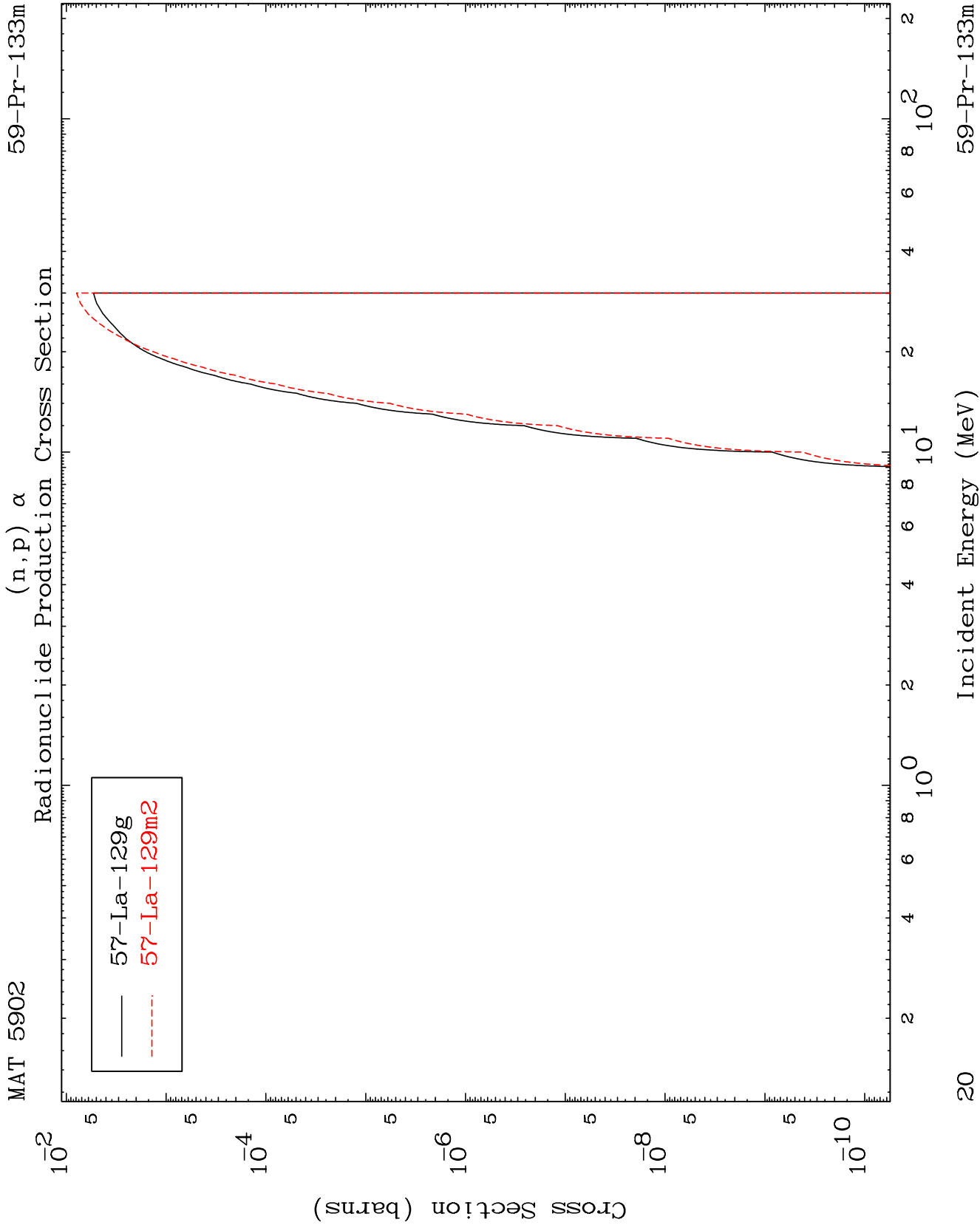
Radionuclide Production Cross Section



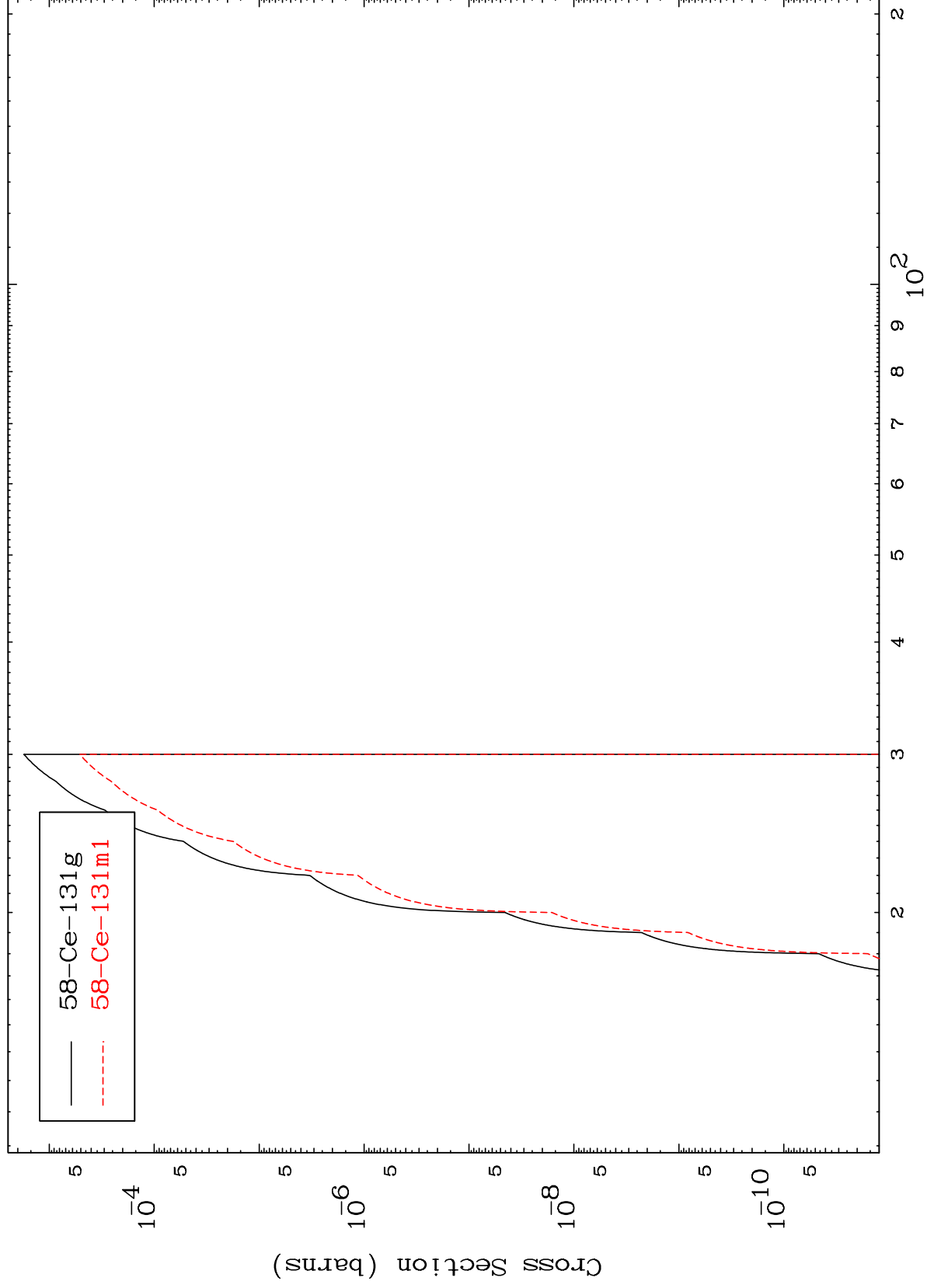
19

Incident Energy (MeV)

59-Pr-133m



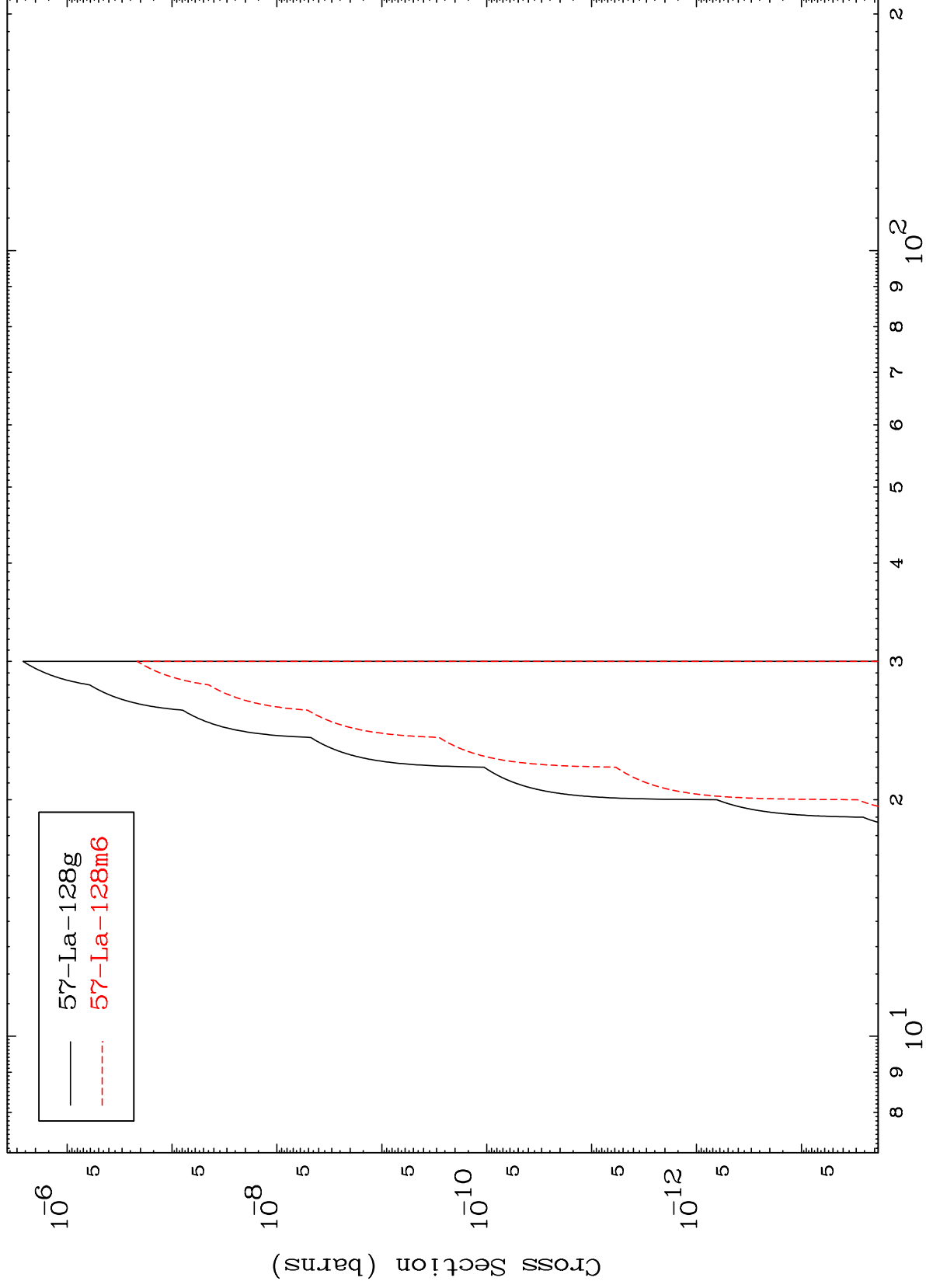
(n,p) d
Radionuclide Production Cross Section



MAT 5902

59-Pr-133m

(n,d) α
Radionuclide Production Cross Section



59-Pr-133m

Incident Energy (MeV)

22