

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

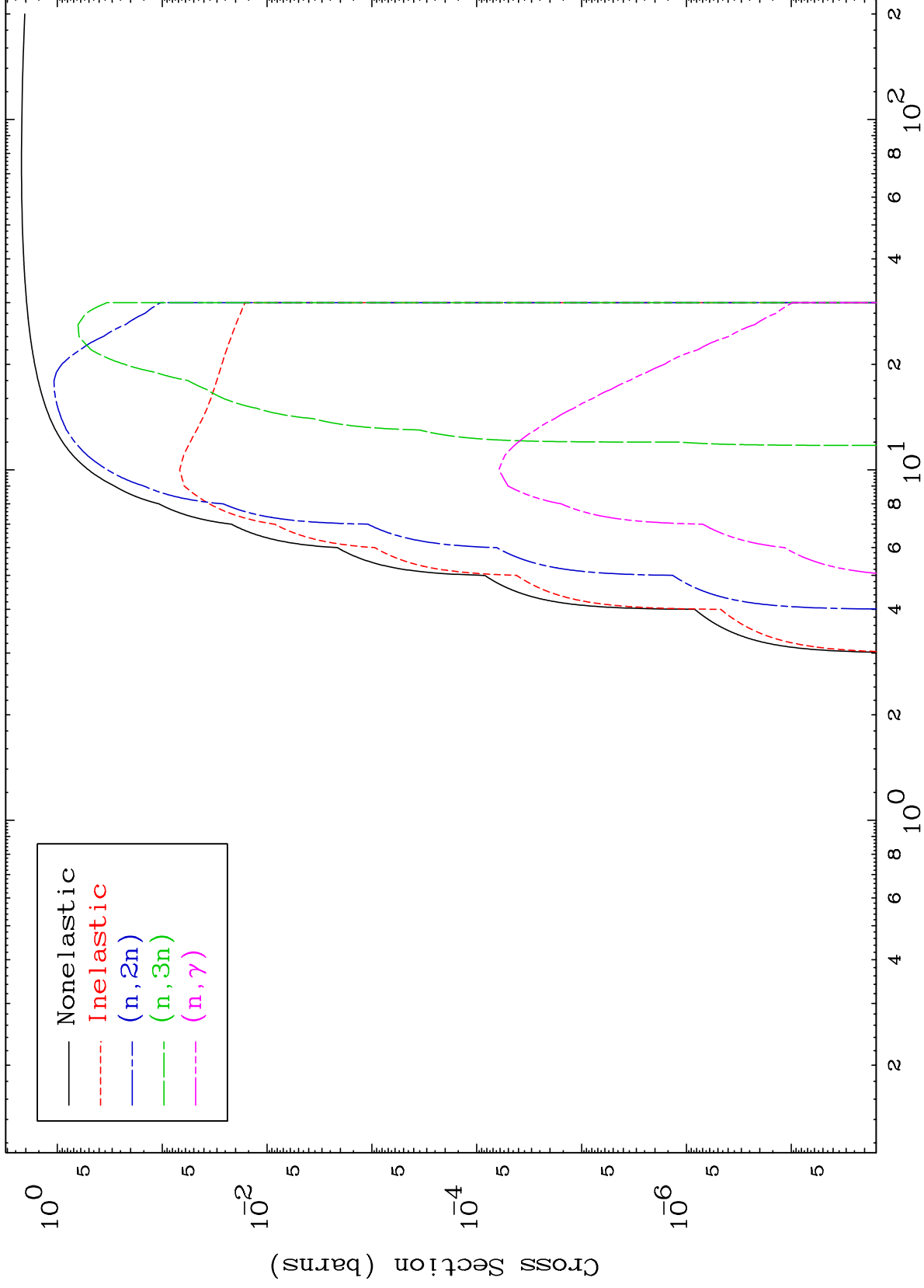
Press Mouse Button to Start

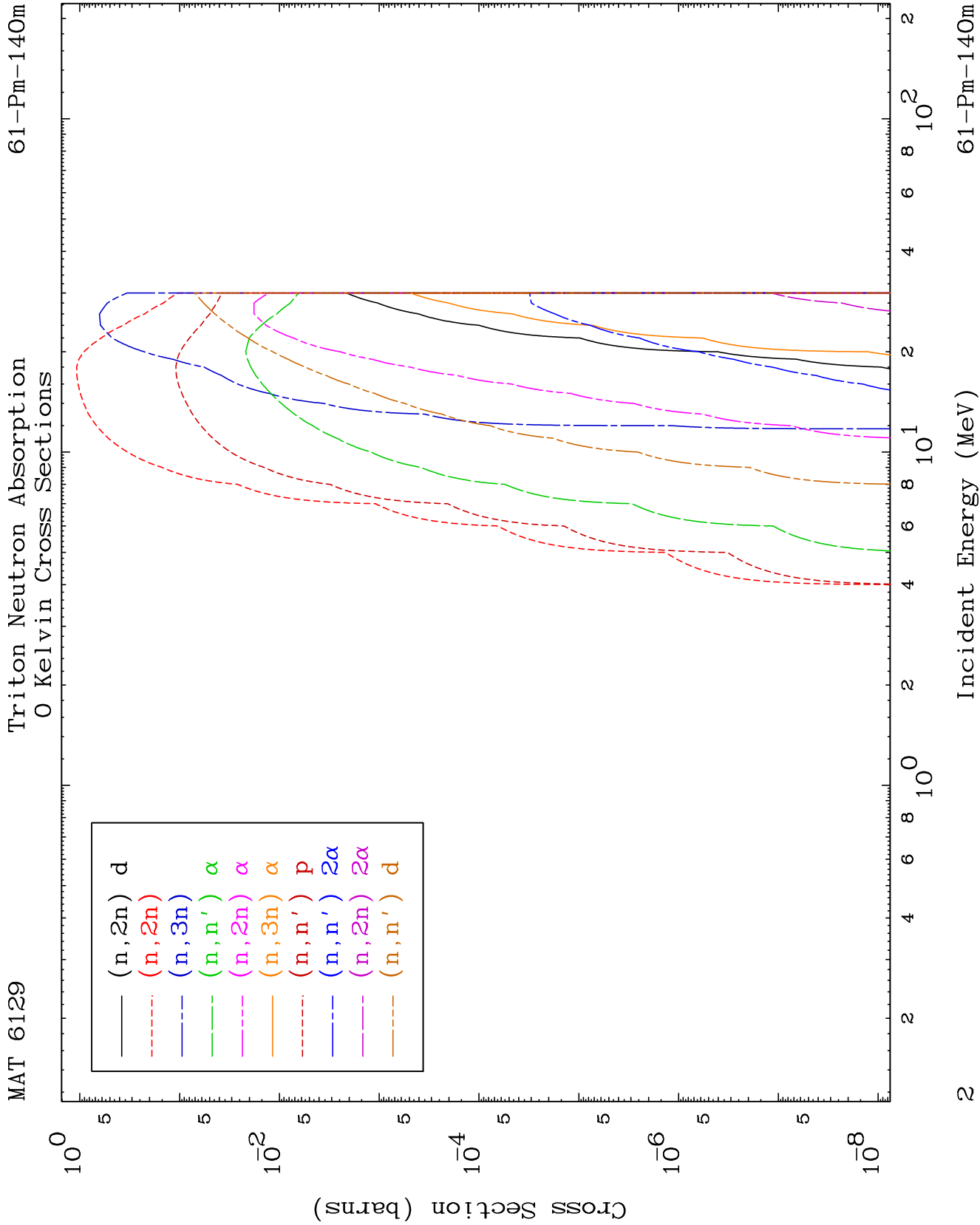
MAT 6129

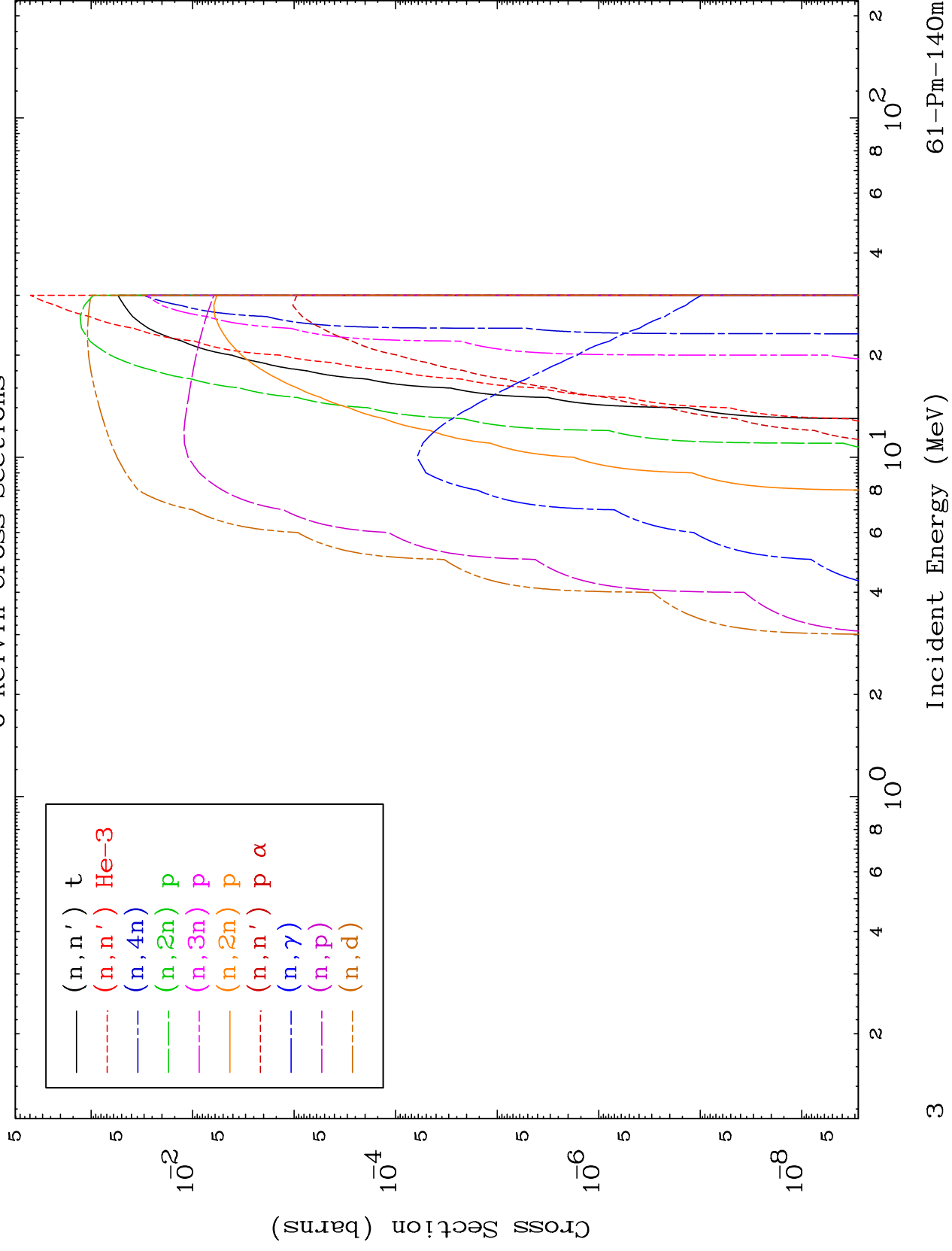
Triton Major

61-Pm-140m

0 Kelvin Cross Sections



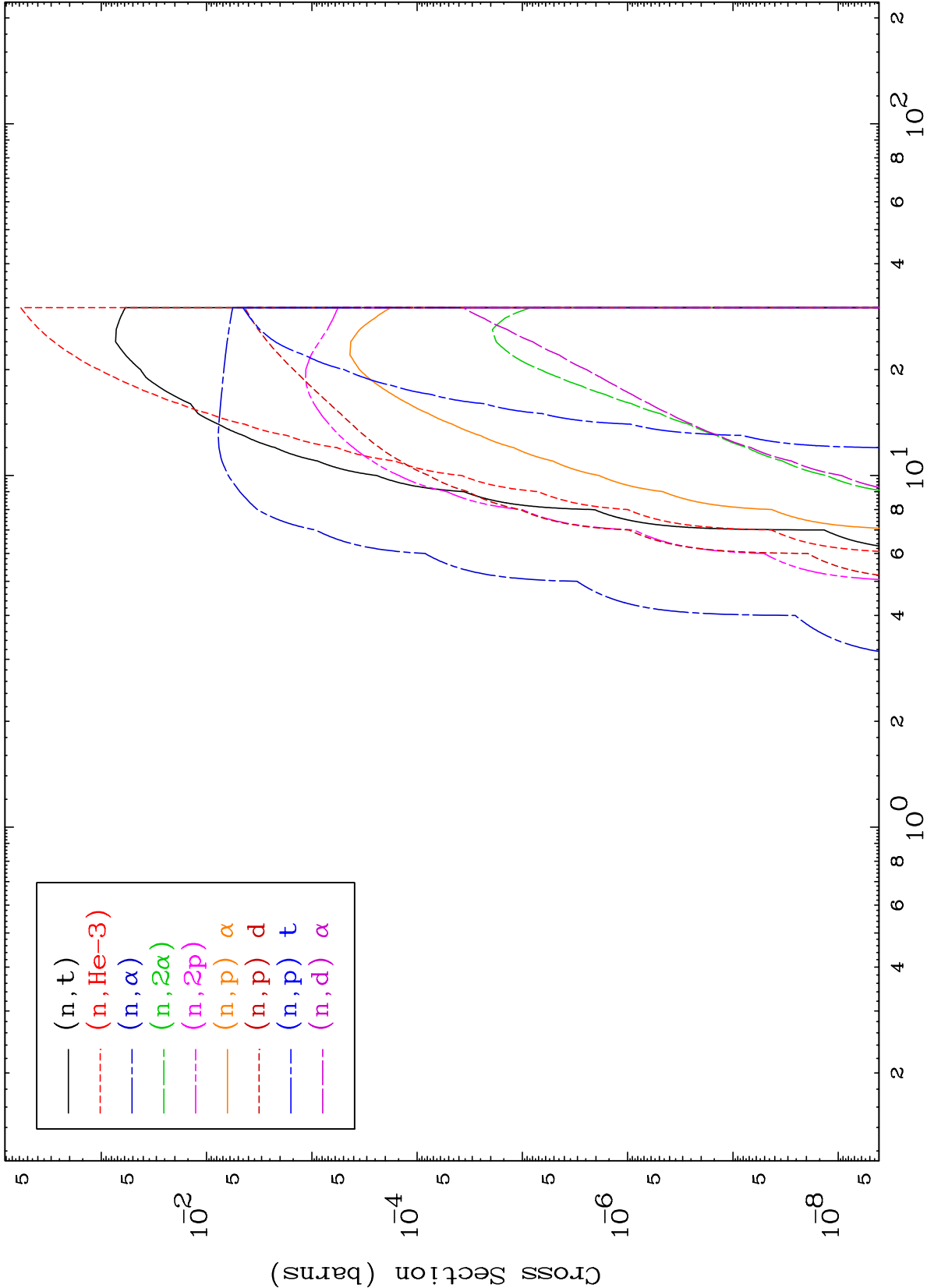


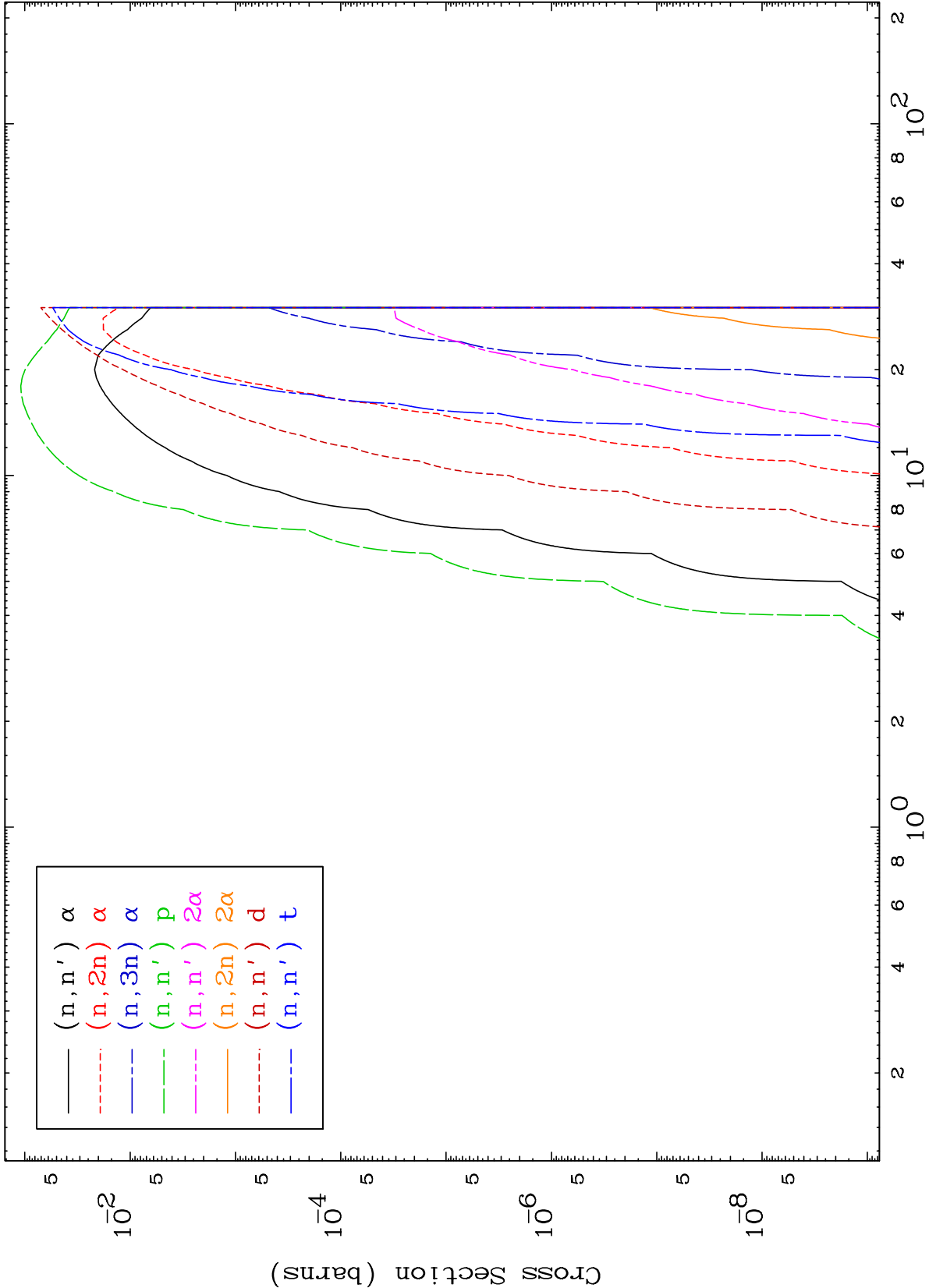


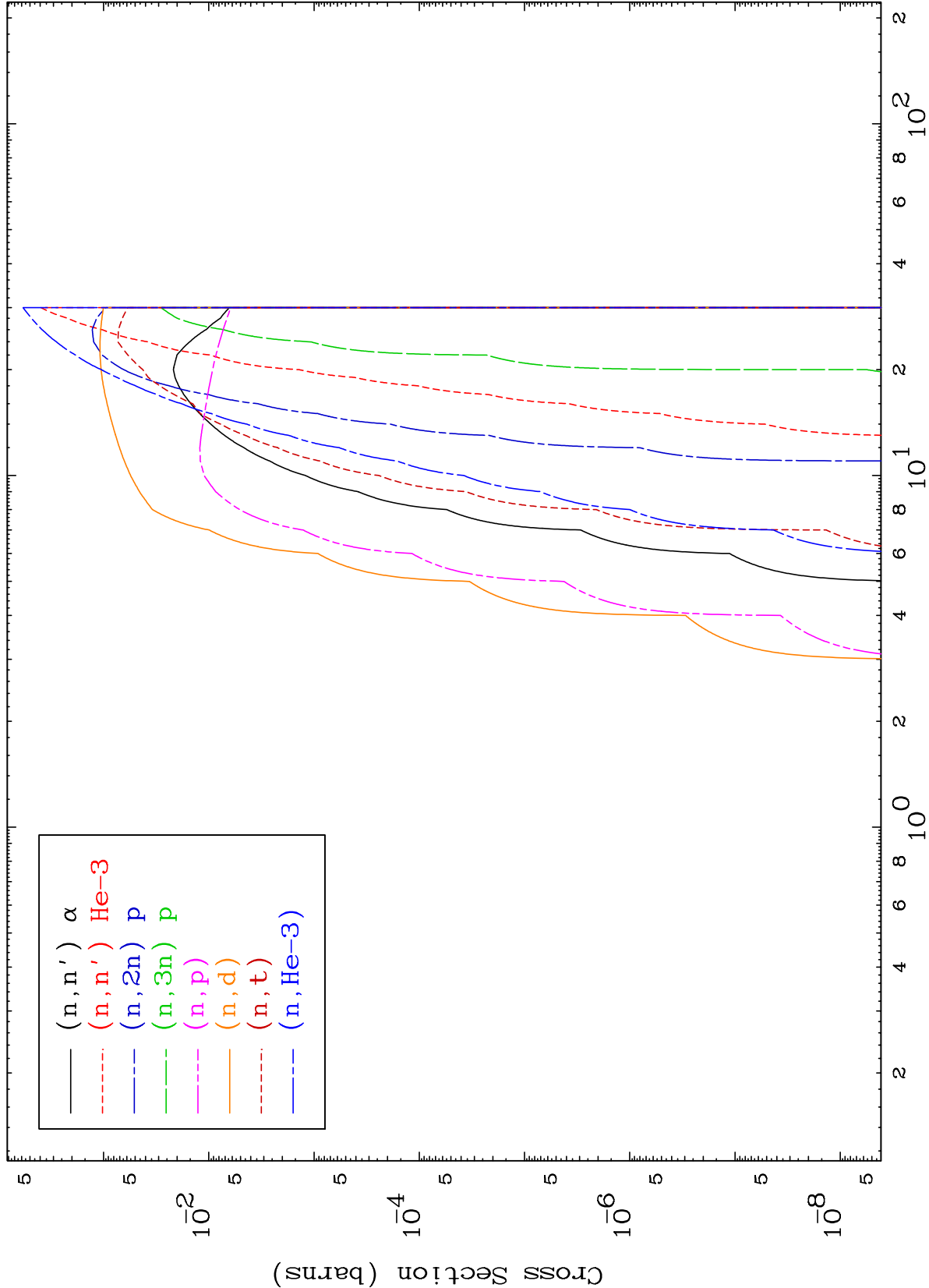
MAT 6129

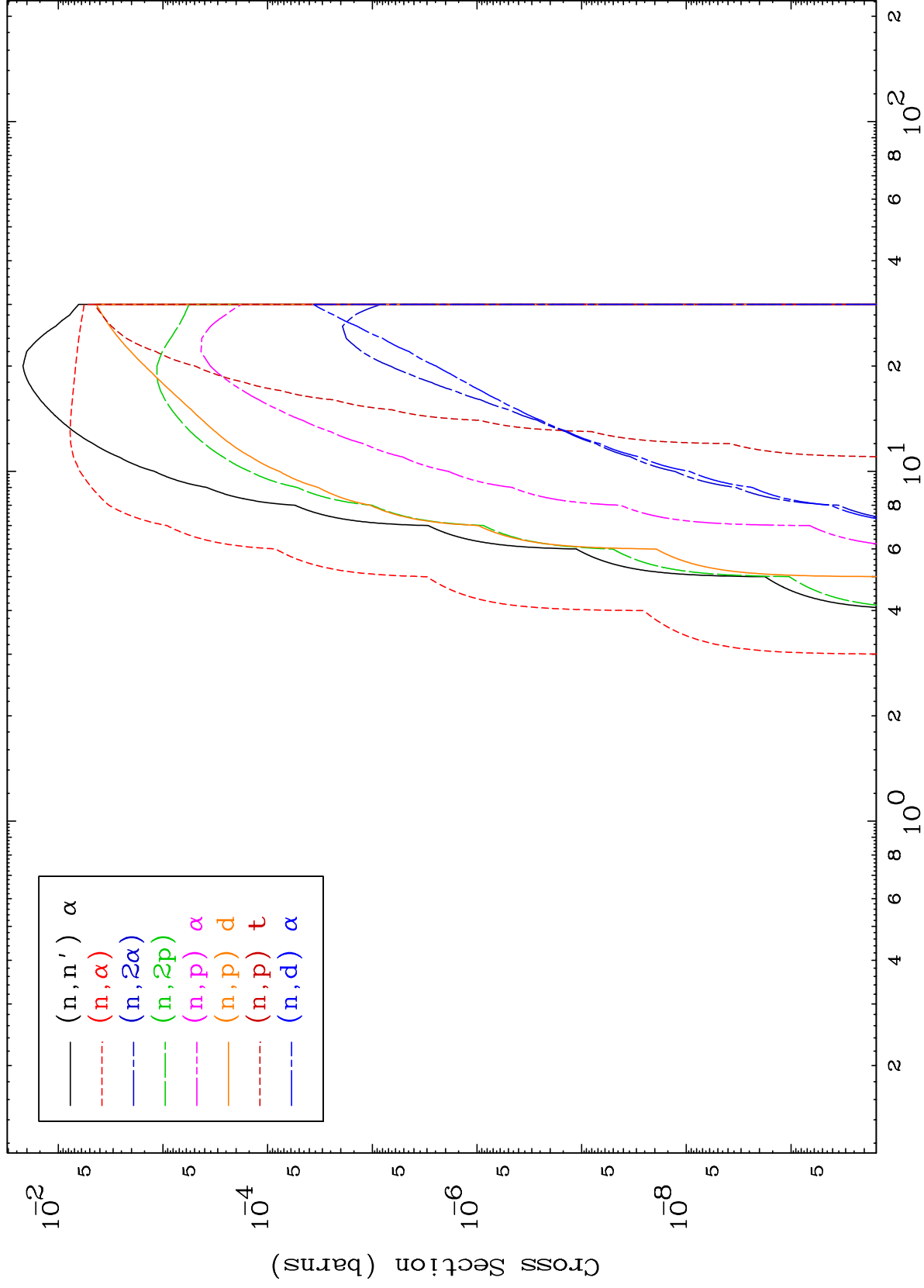
Triton Neutron Absorption
0 Kelvin Cross Sections

61-Pm-140m





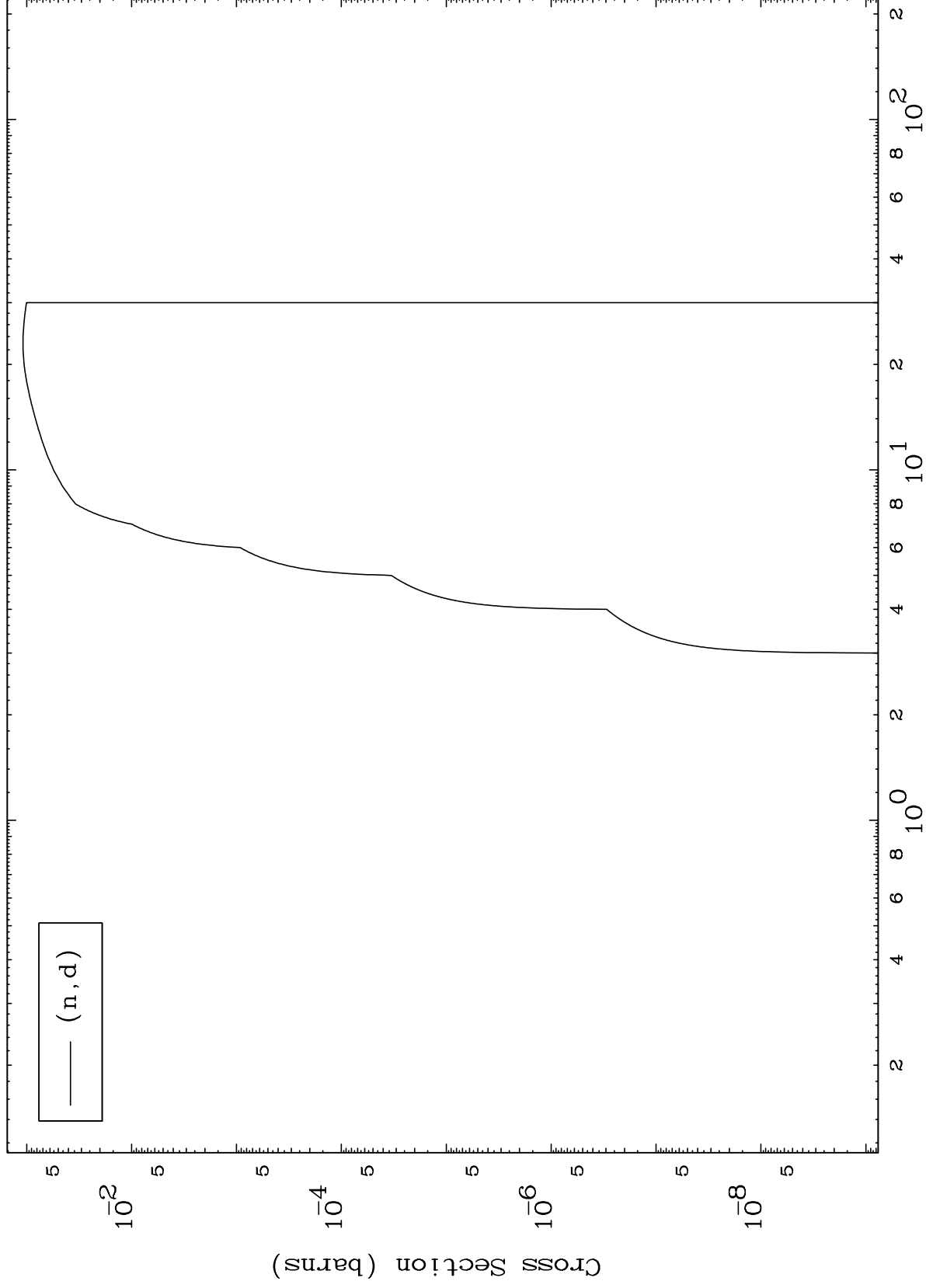




MAT 6129

61-Pm-140m

(t,d) Levels
0 Kelvin Cross Sections



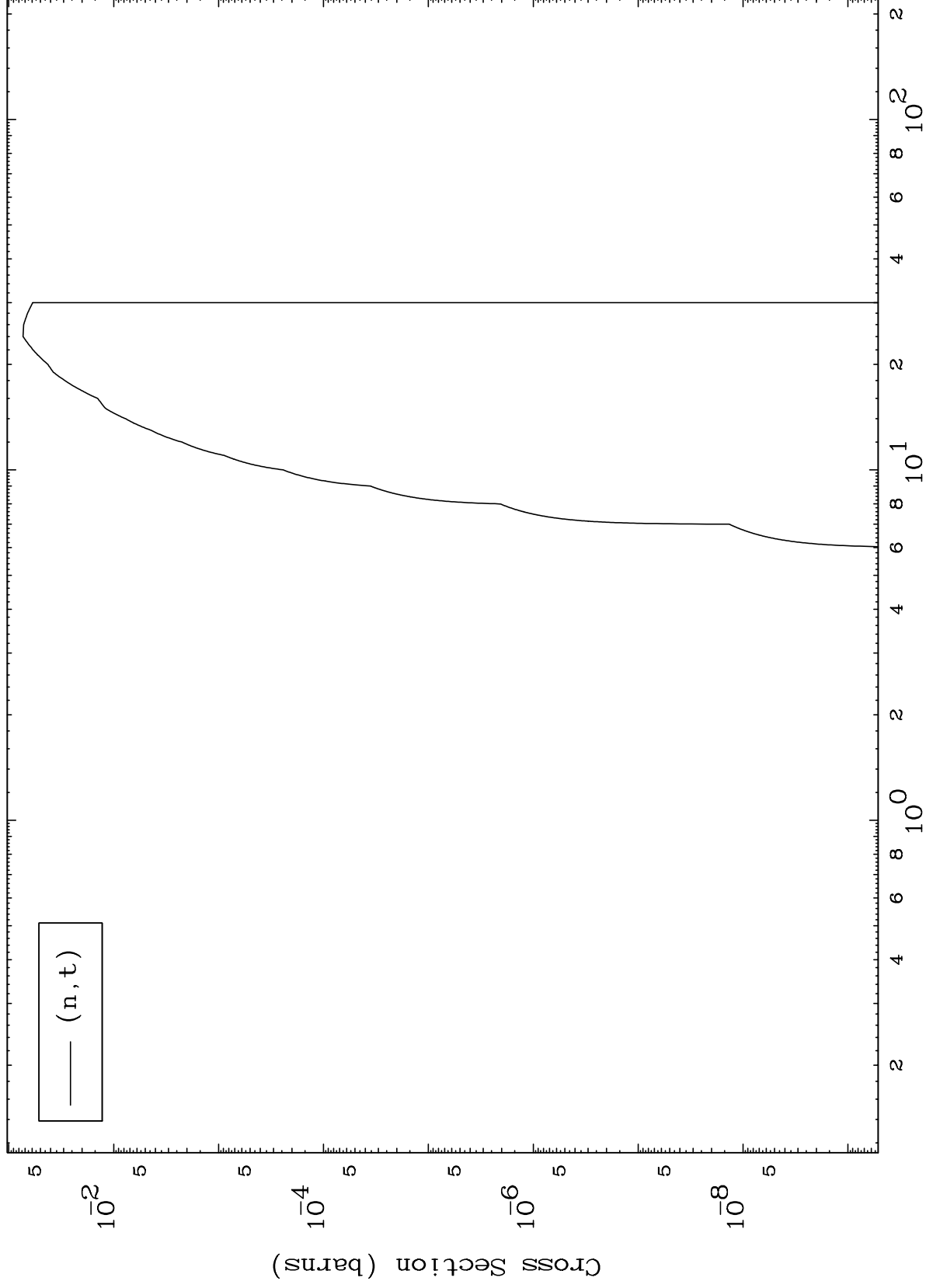
9

61-Pm-140m

MAT 6129

61-Pm-140m

(t,t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

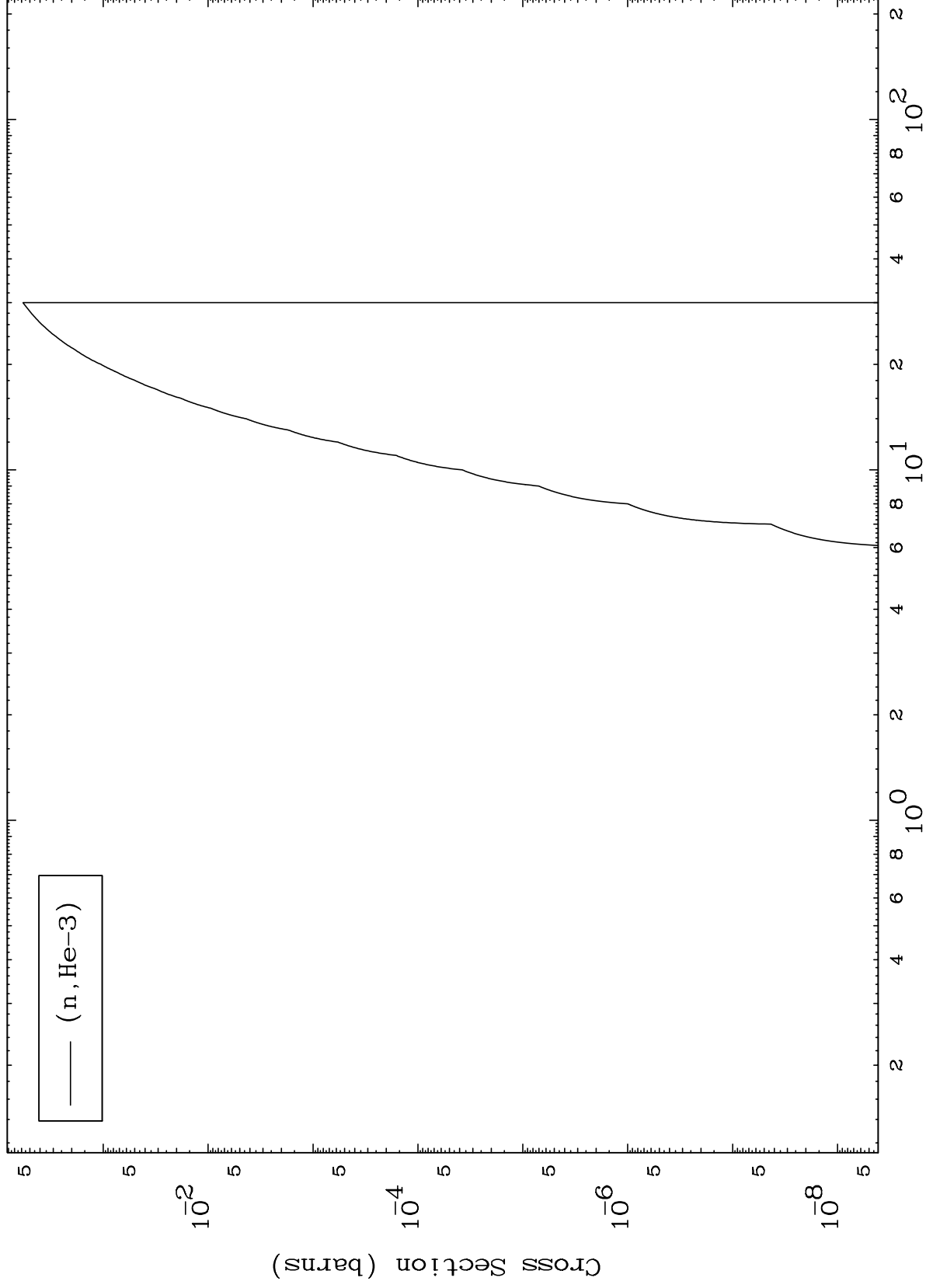
61-Pm-140m

MAT 6129

(t,He3) Levels

61-Pm-140m

0 Kelvin Cross Sections

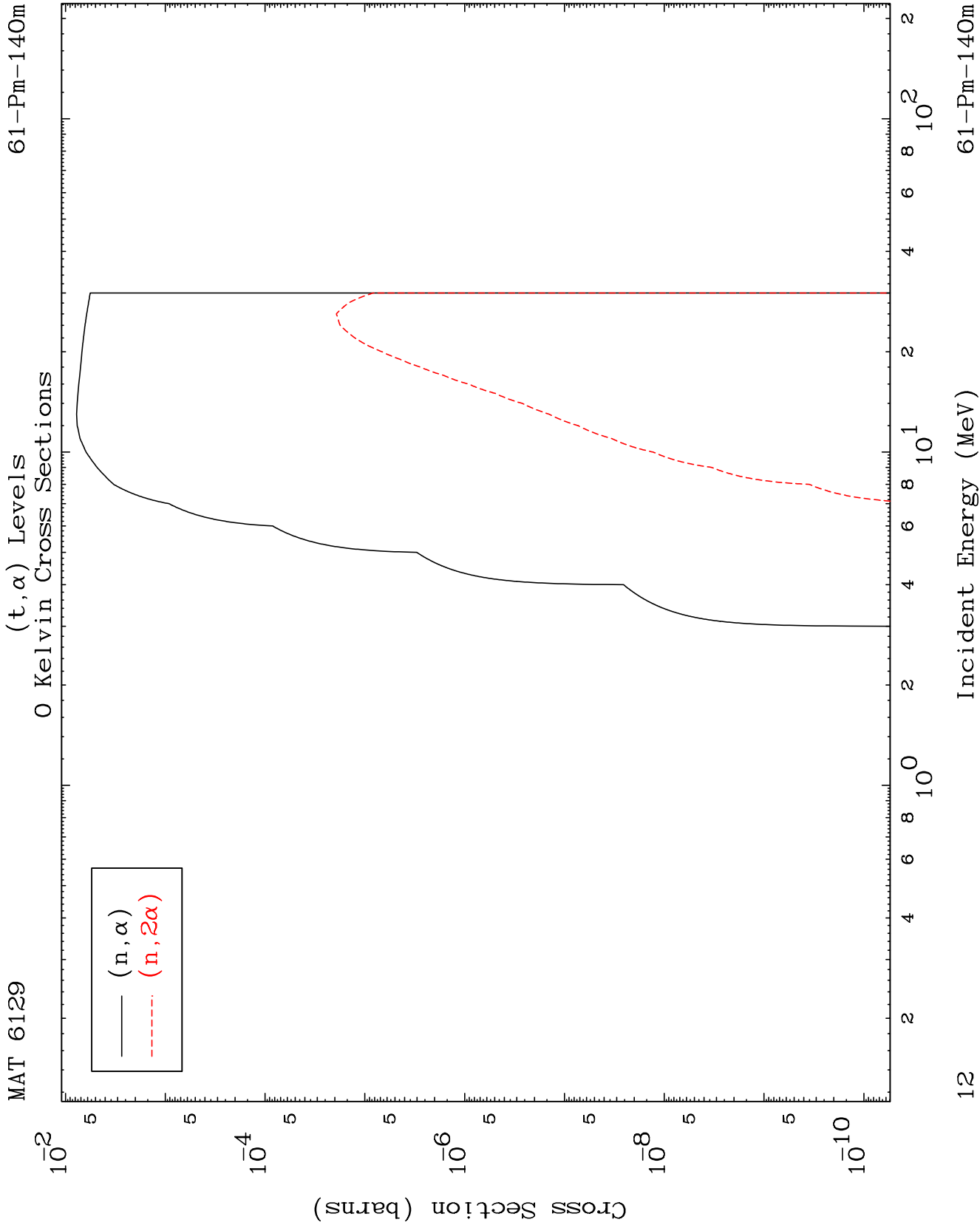


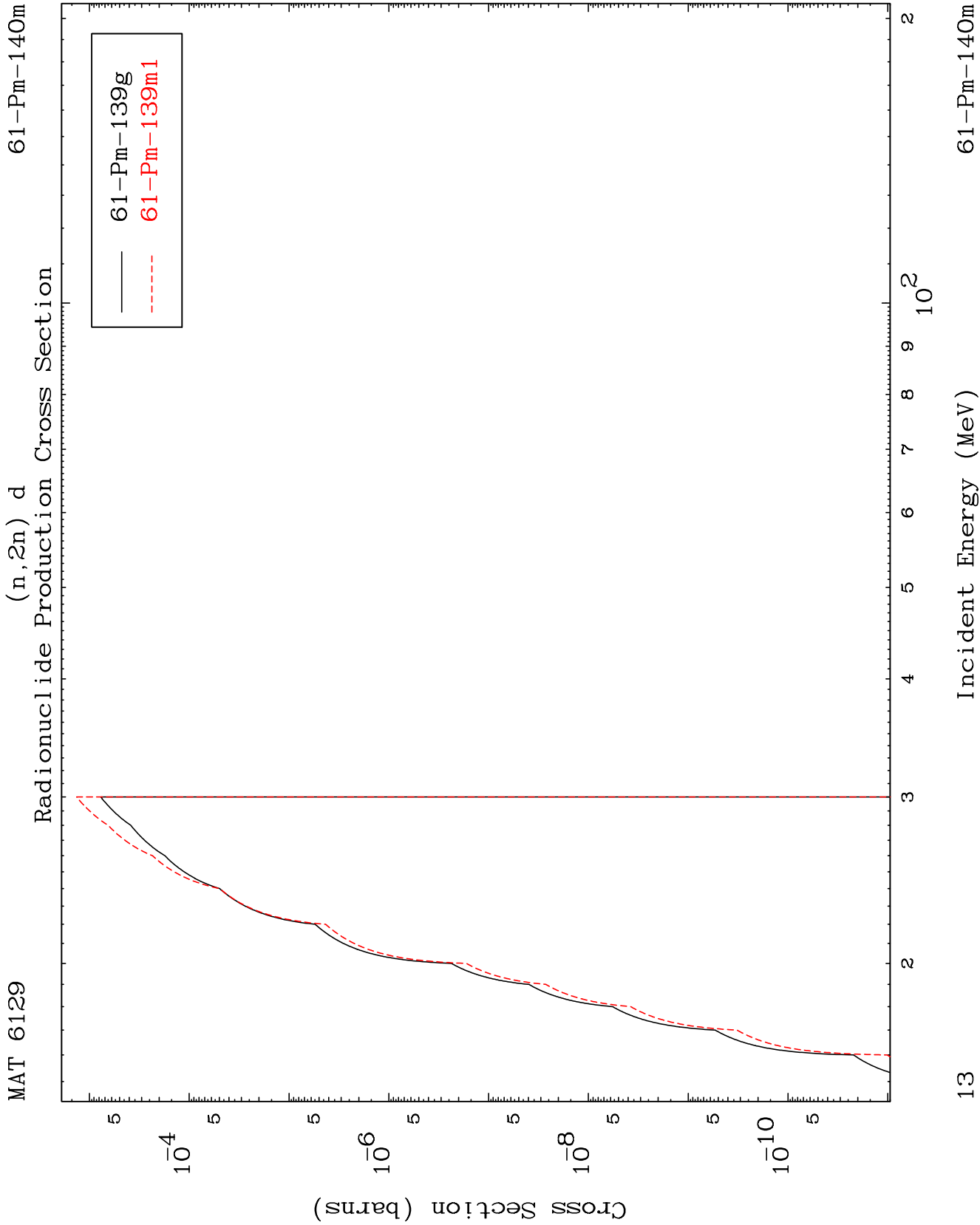
— (n, He-3)

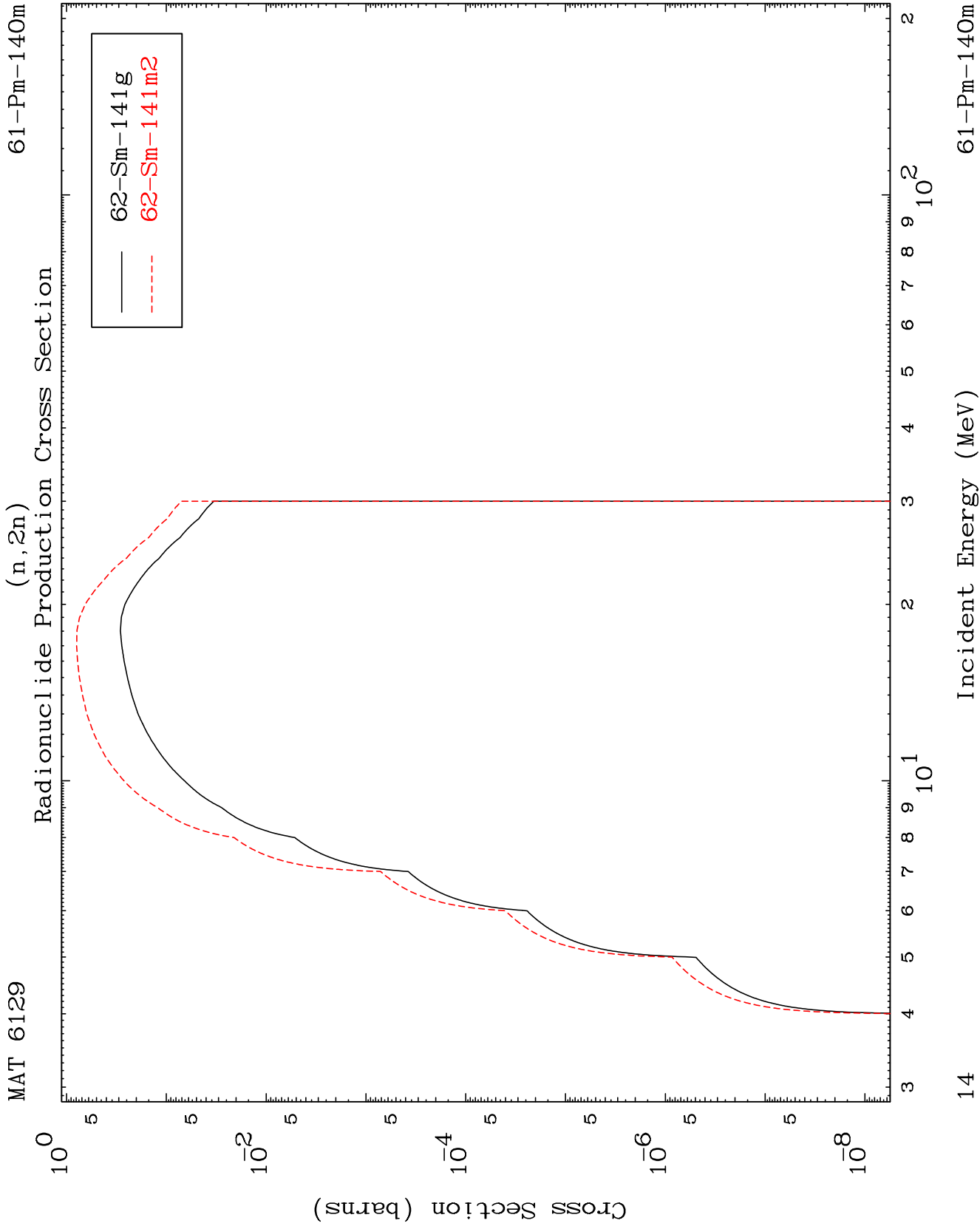
11

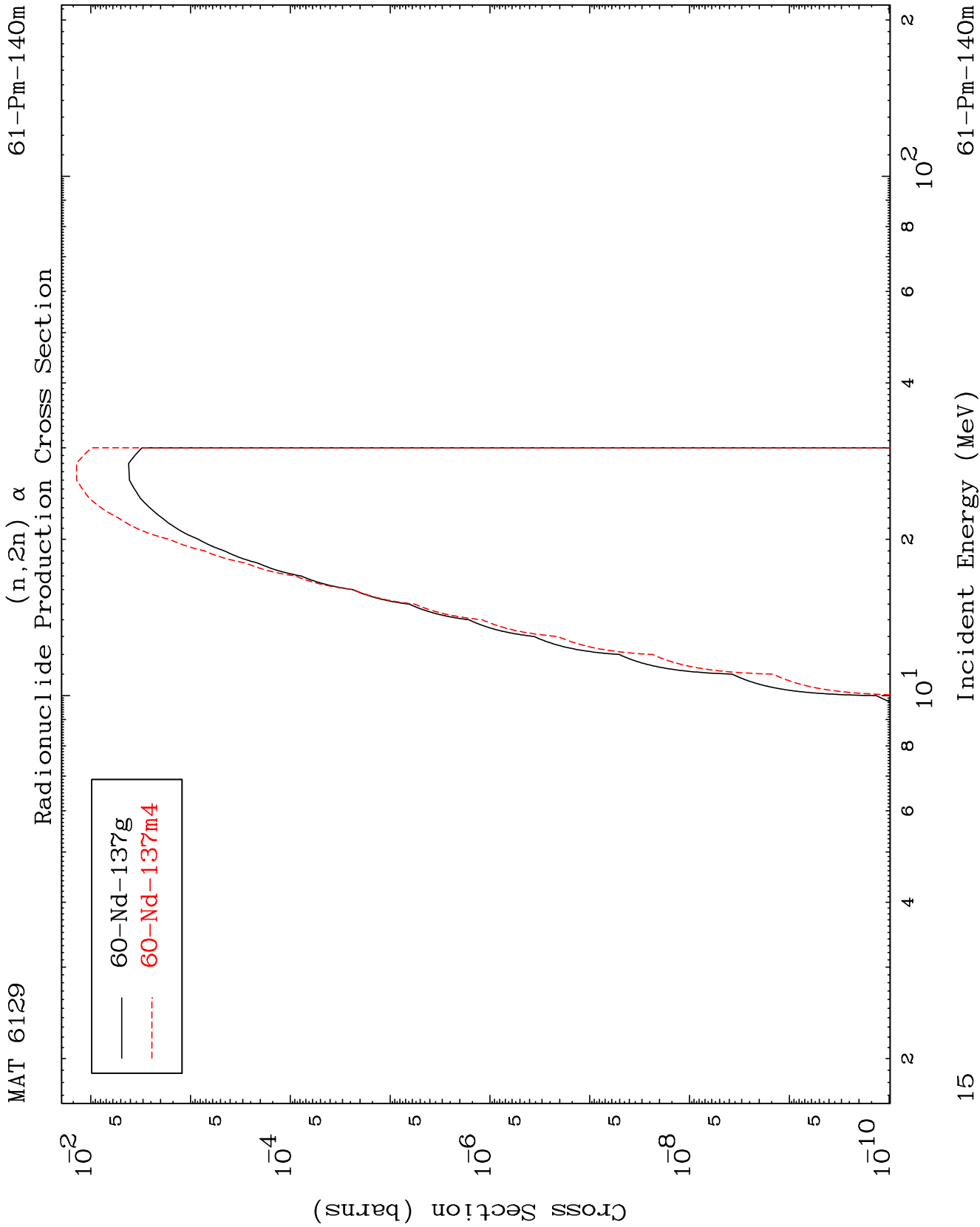
Incident Energy (MeV)

61-Pm-140m







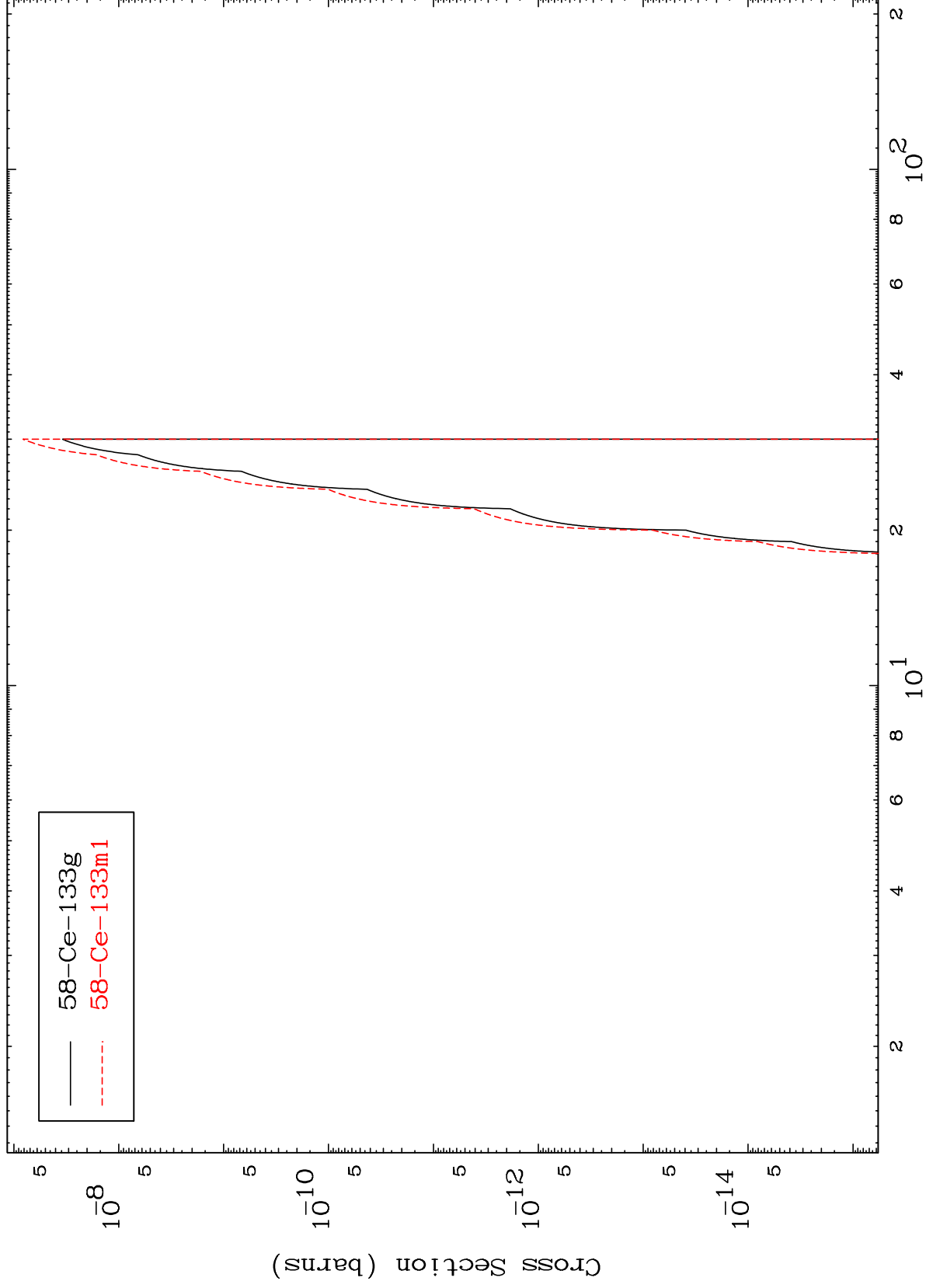


MAT 6129

(n,2n) 2 α

61-Pm-140m

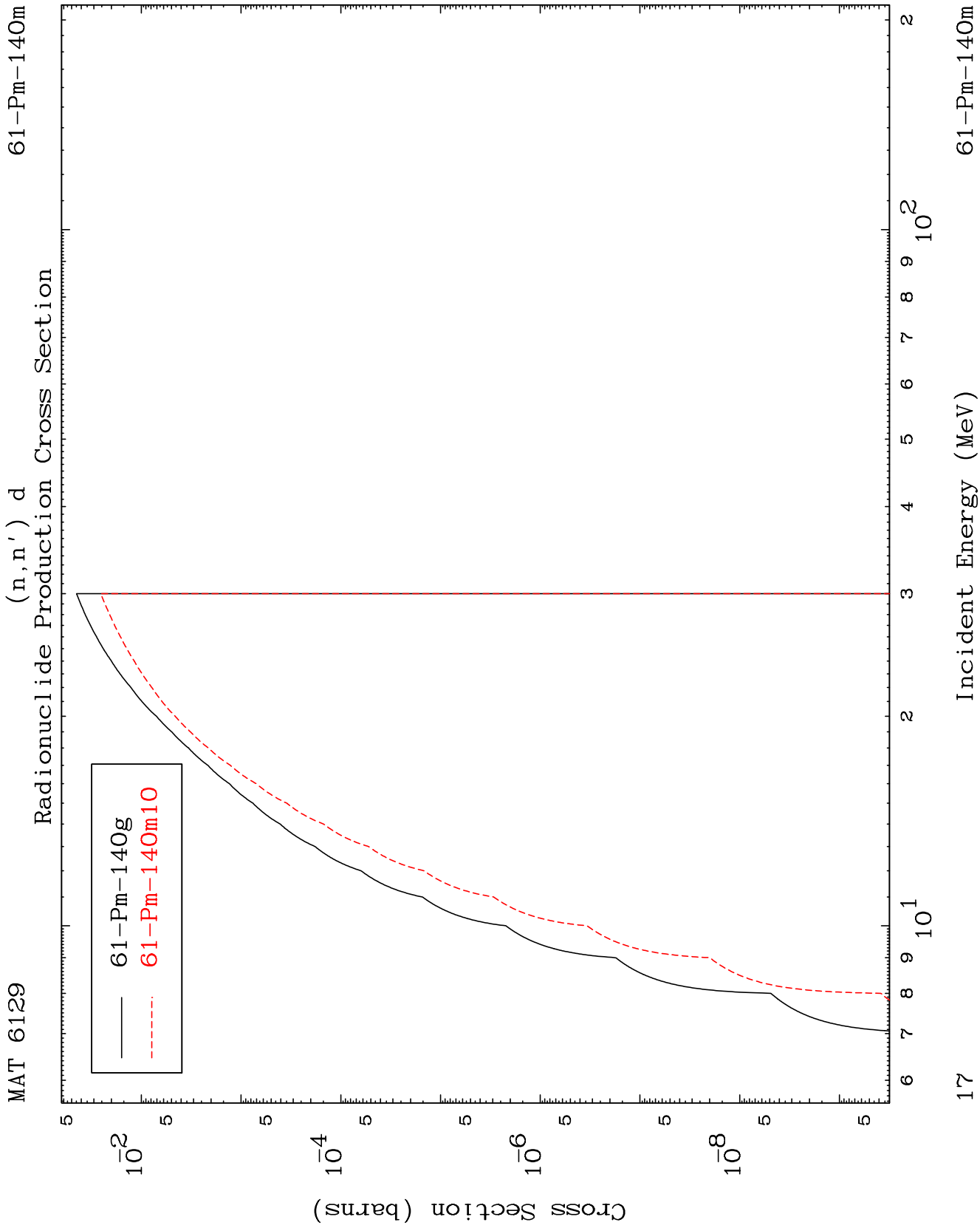
Radionuclide Production Cross Section

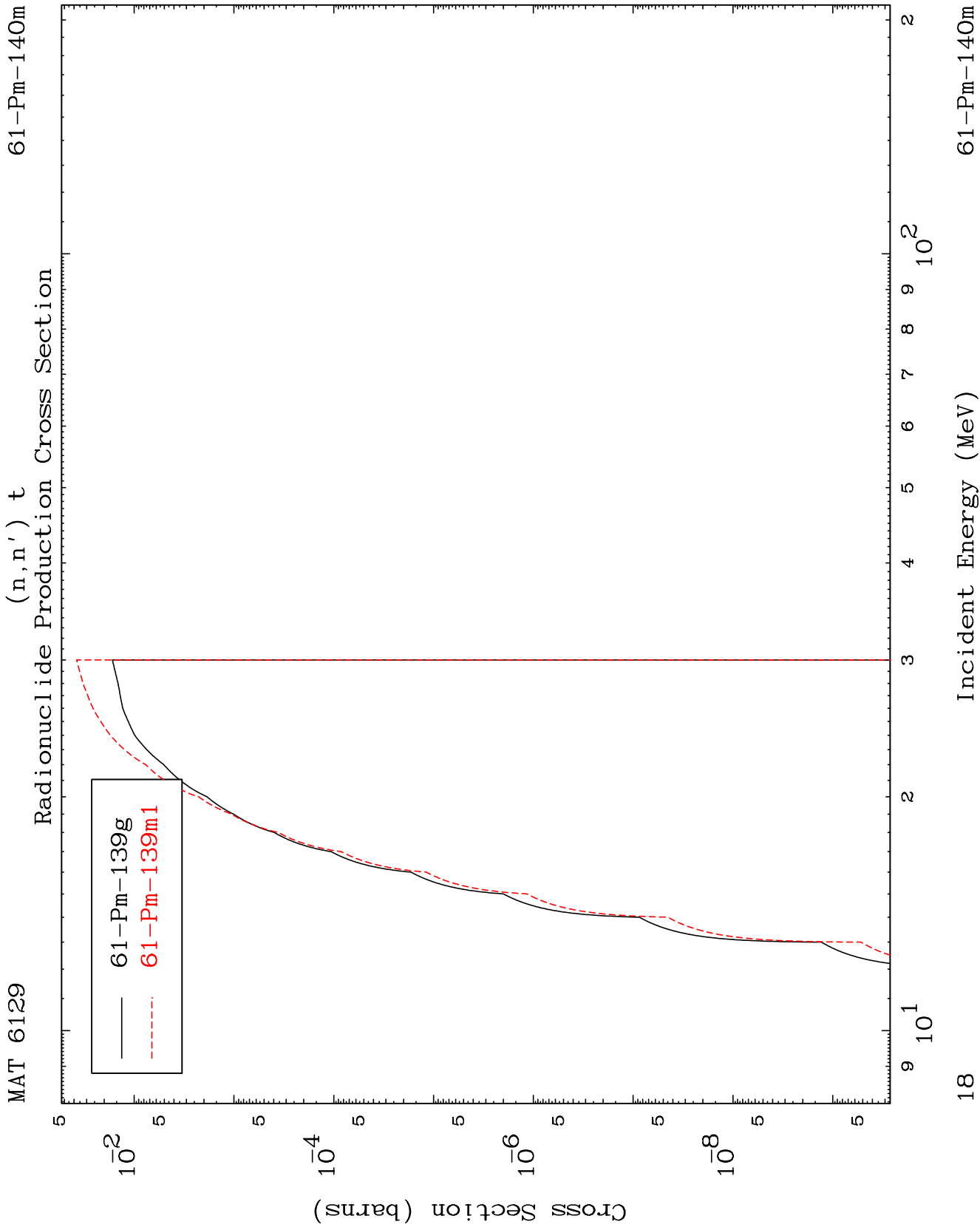


16

Incident Energy (MeV)

61-Pm-140m



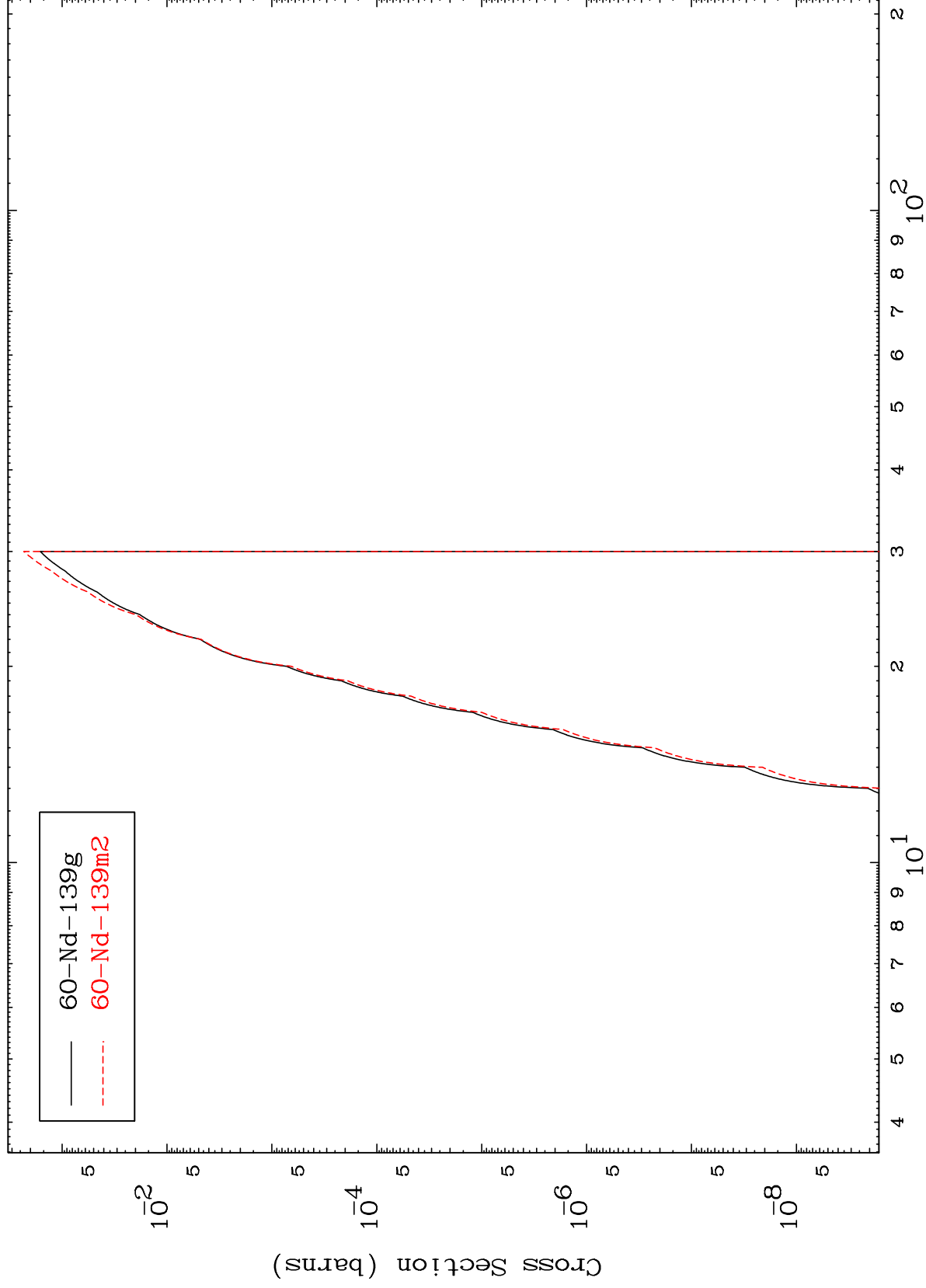


MAT 6129

(n,n') He-3

61-Pm-140m

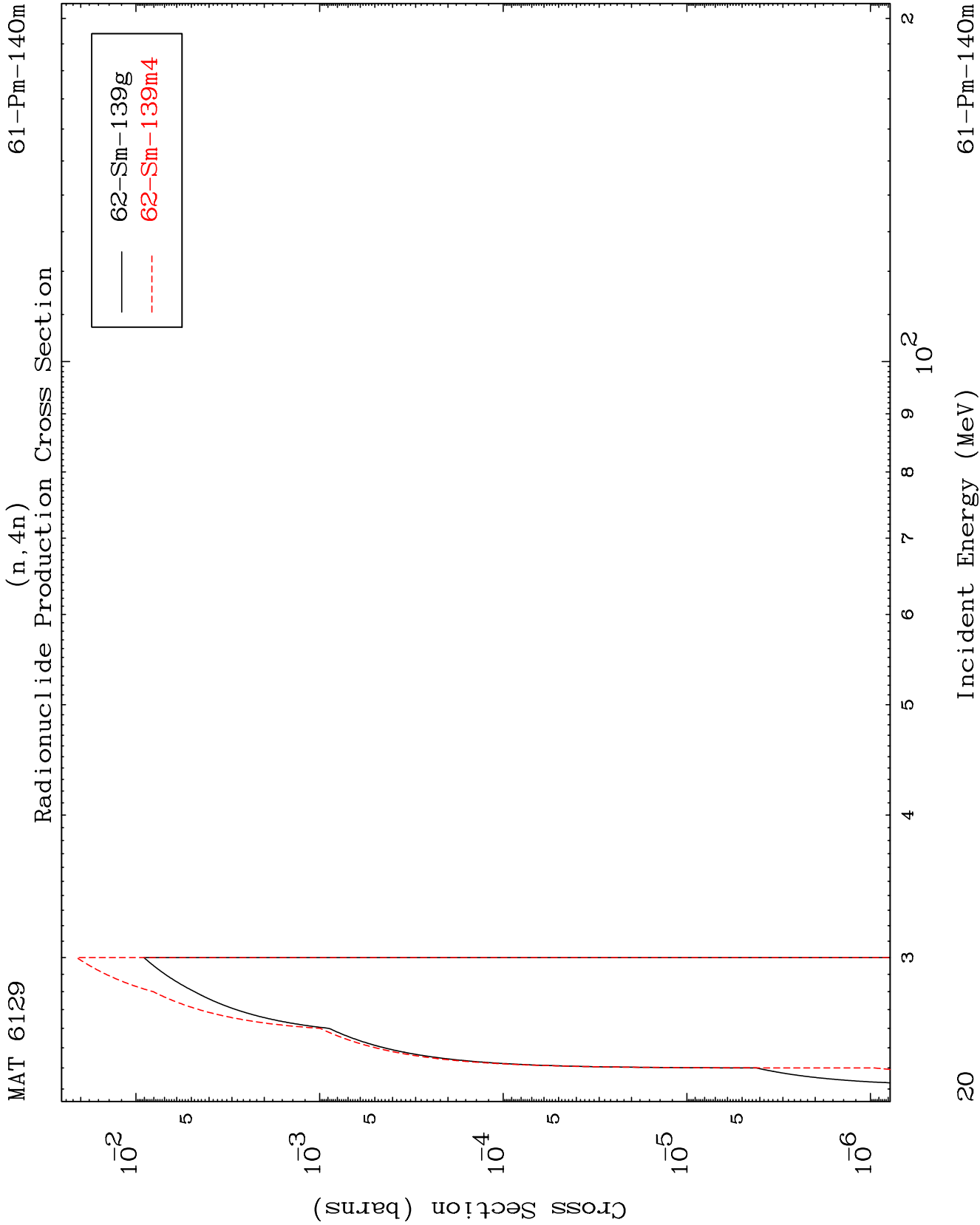
Radionuclide Production Cross Section



19

Incident Energy (MeV)

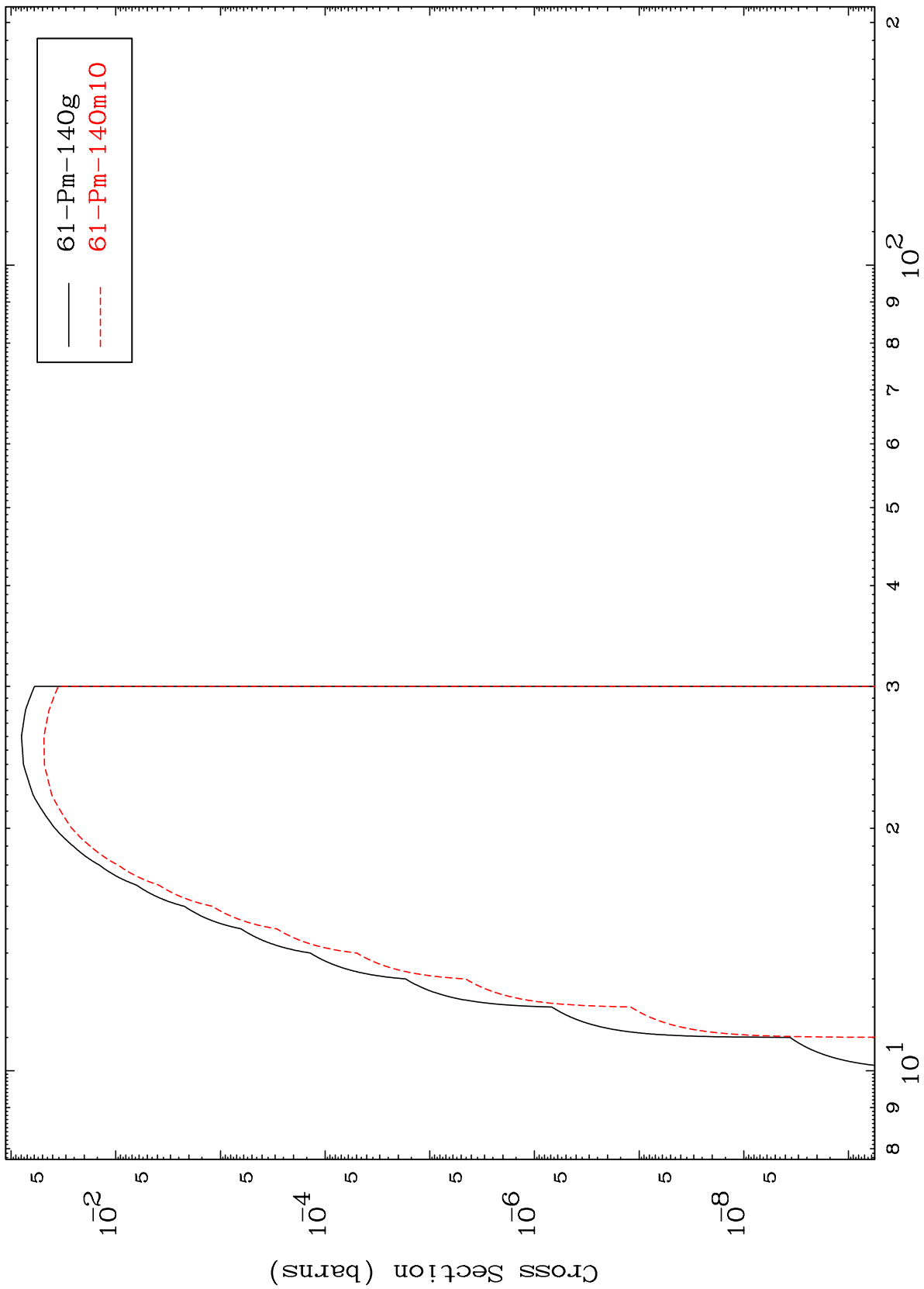
61-Pm-140m



MAT 6129

61-Pm-140m

(n,2n) p
Radionuclide Production Cross Section



61-Pm-140m

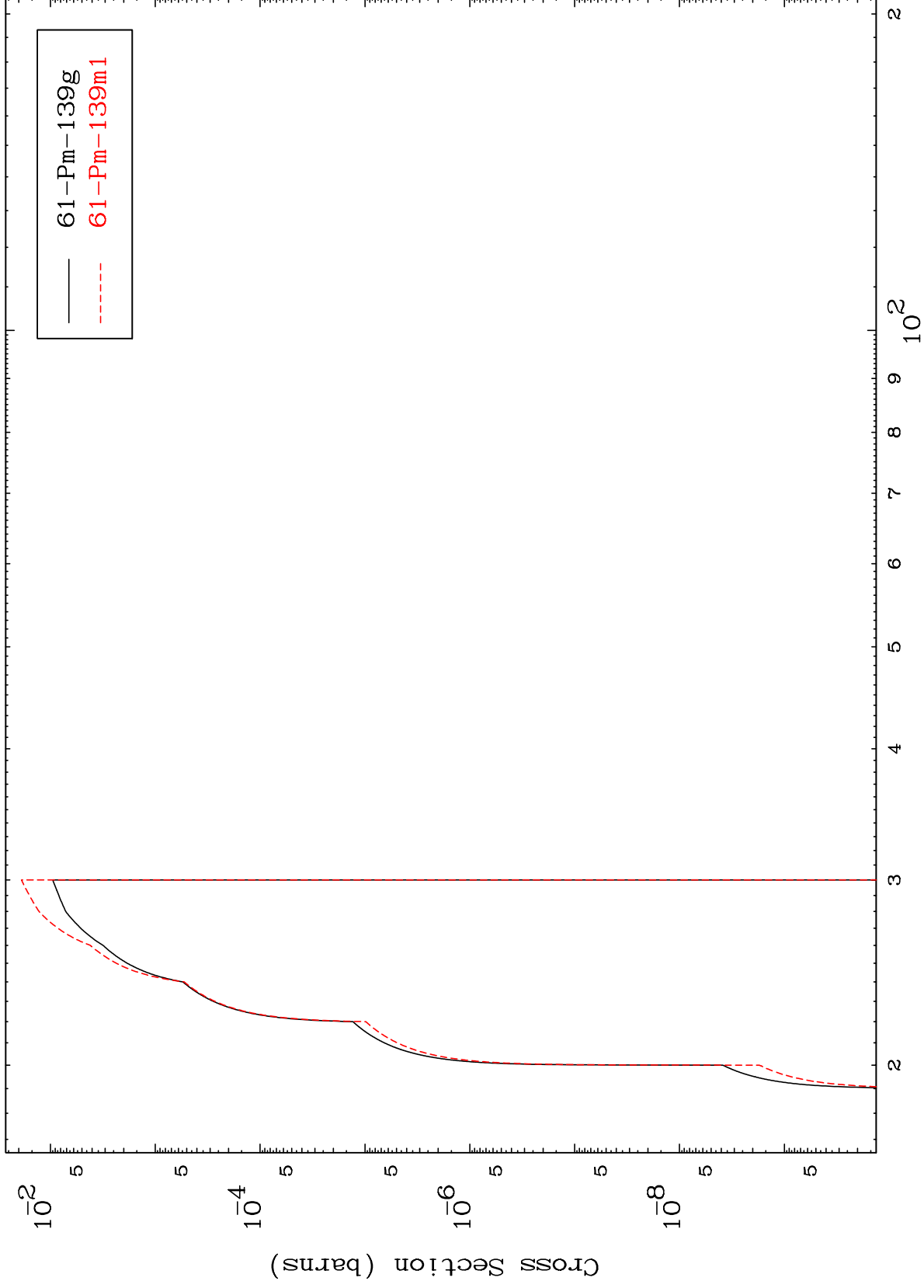
Incident Energy (MeV)

21

MAT 6129

61-Pm-140m

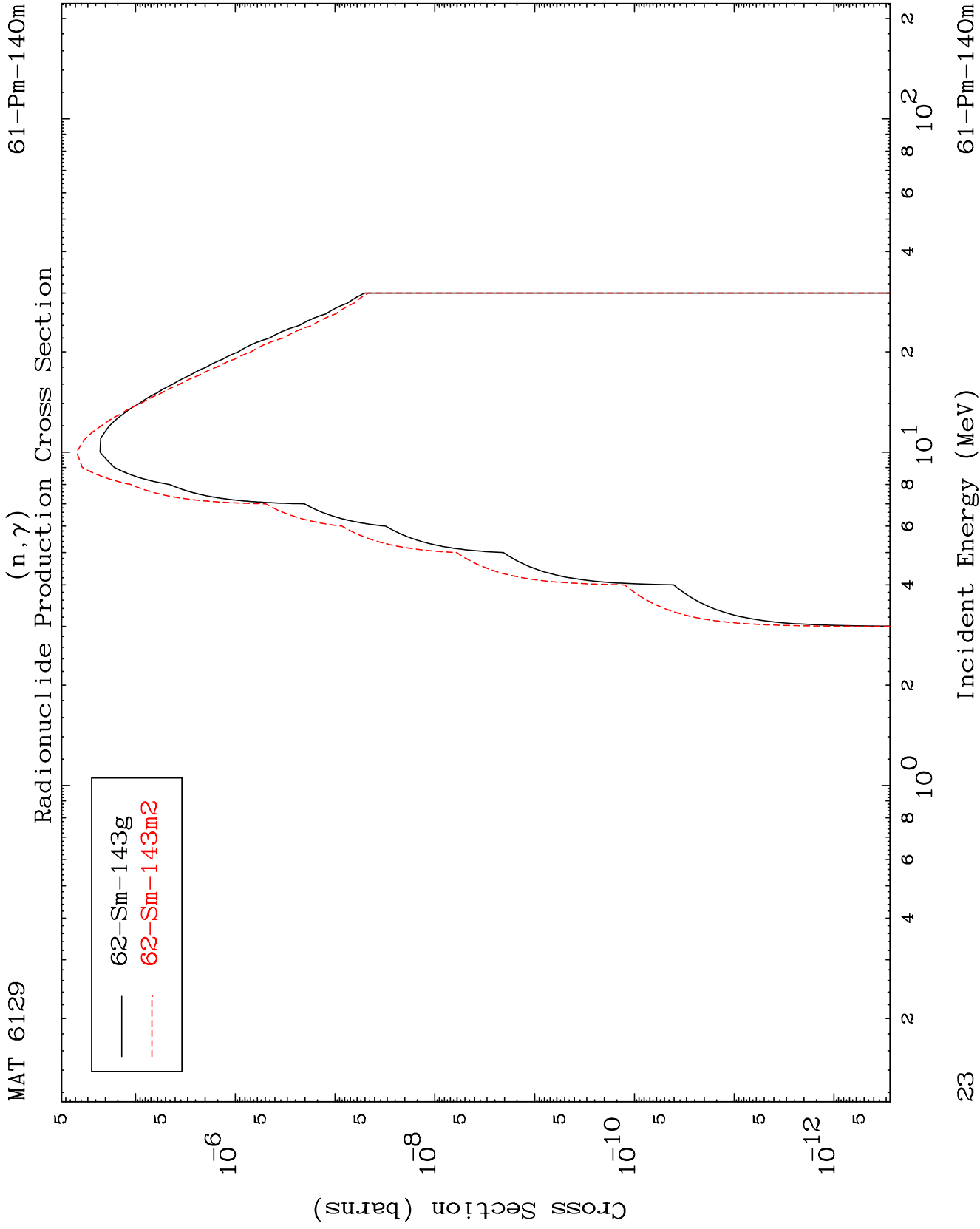
(n,3n) p
Radionuclide Production Cross Section

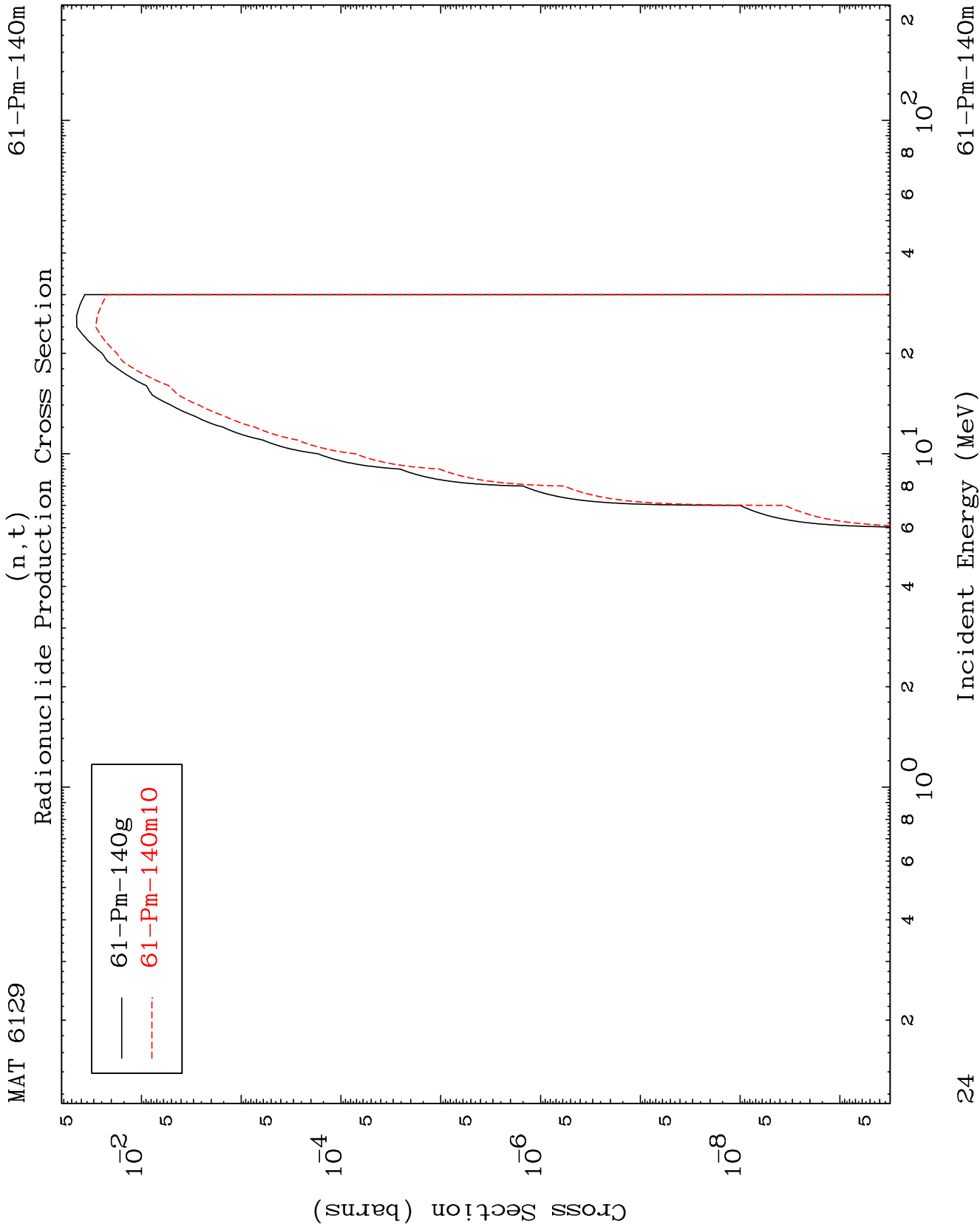


22

Incident Energy (MeV)

61-Pm-140m

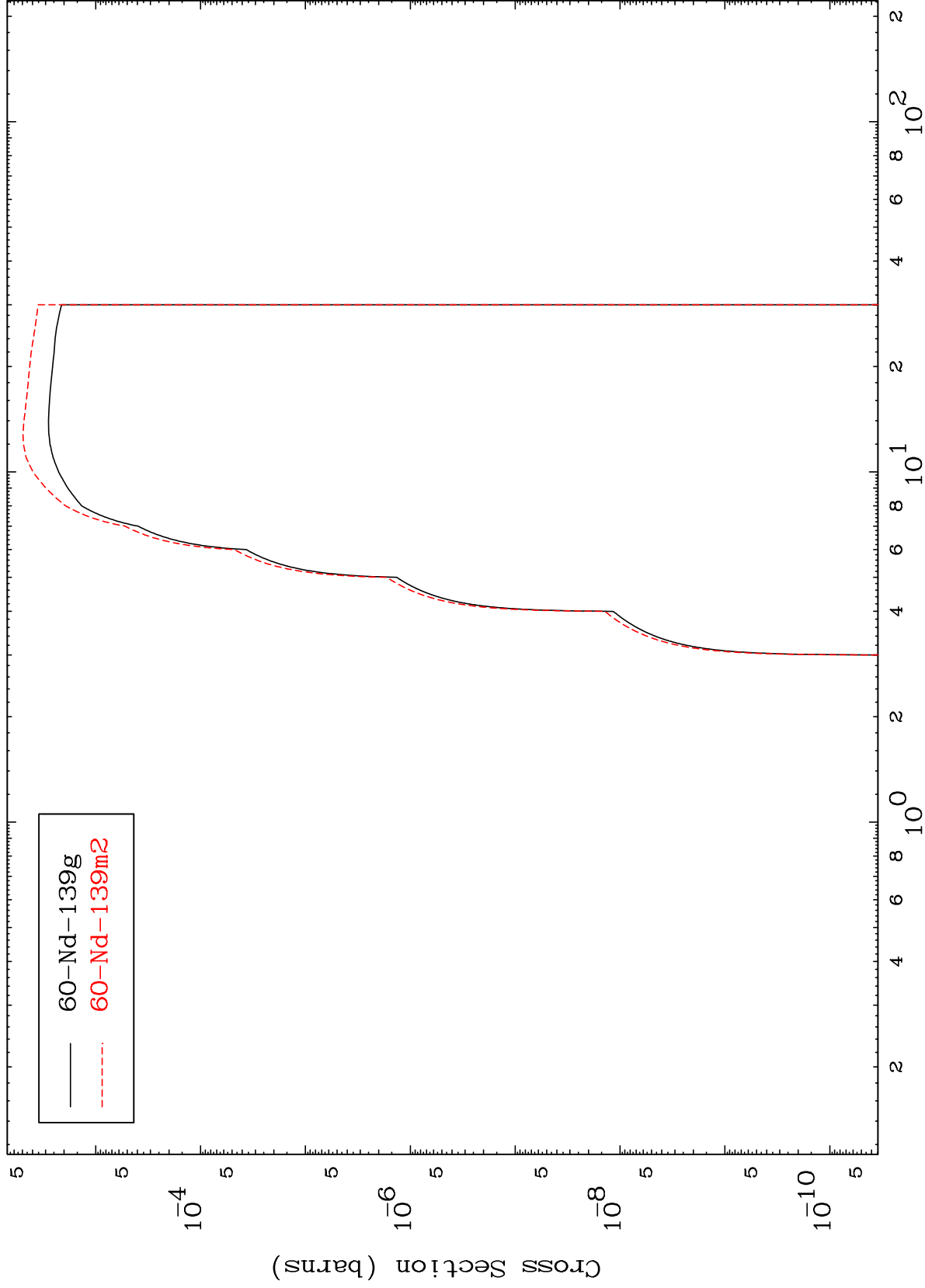




MAT 6129

61-Pm-140m

Radionuclide Production Cross Section
(n, α)

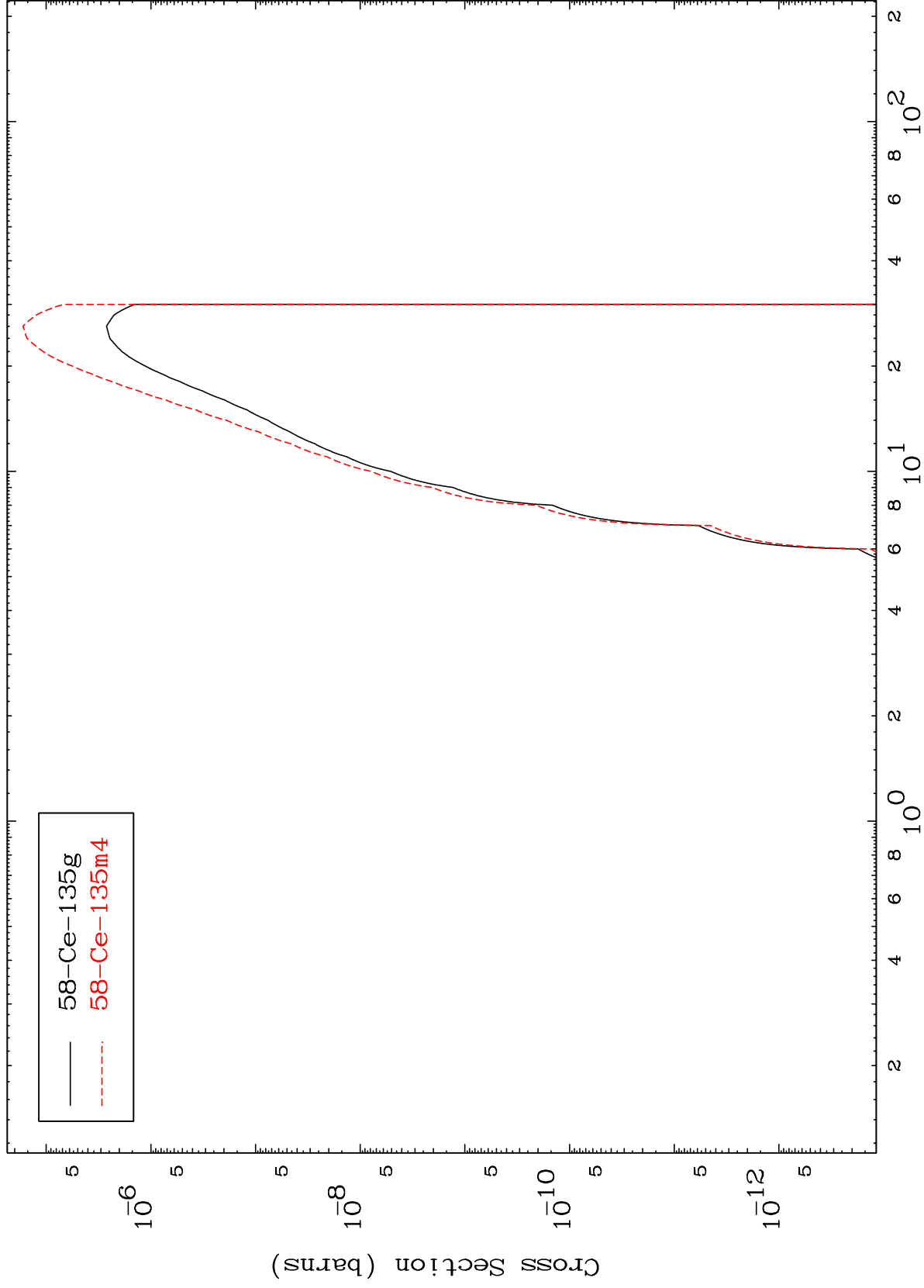


25

Incident Energy (MeV)

61-Pm-140m

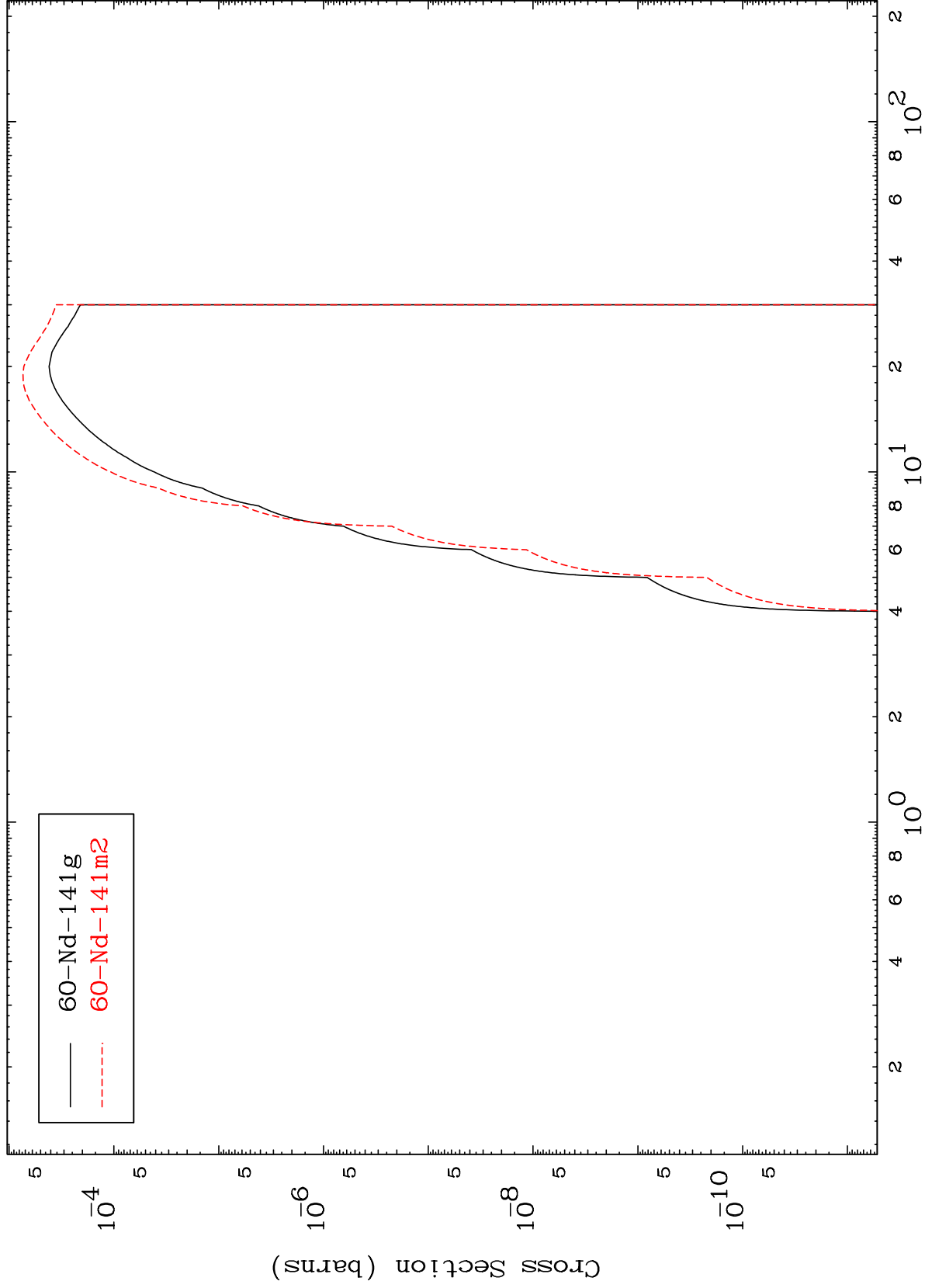
Radionuclide Production Cross Section
(n,2α)



MAT 6129

61-Pm-140m

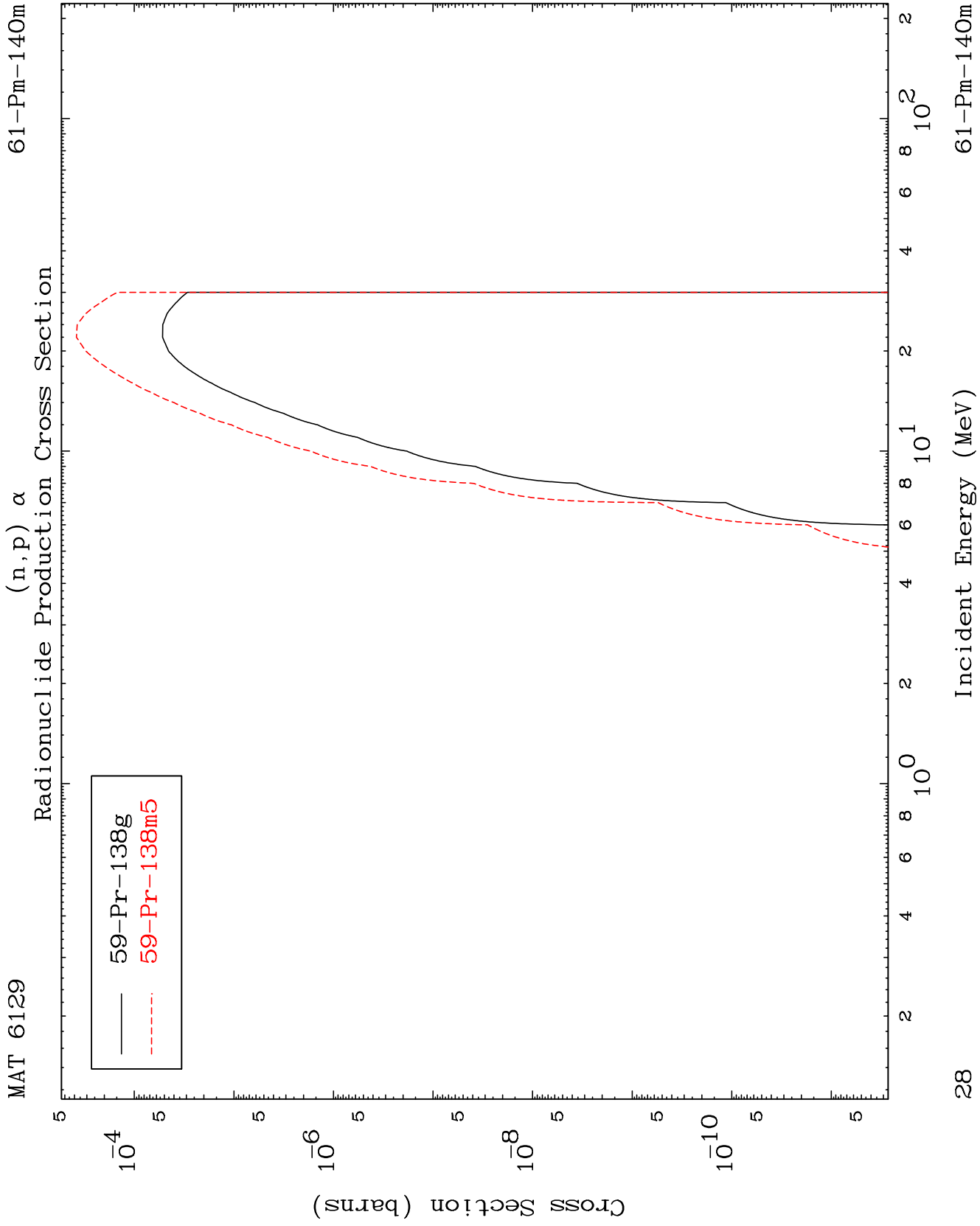
Radionuclide Production Cross Section
(n,2p)



27

Incident Energy (MeV)

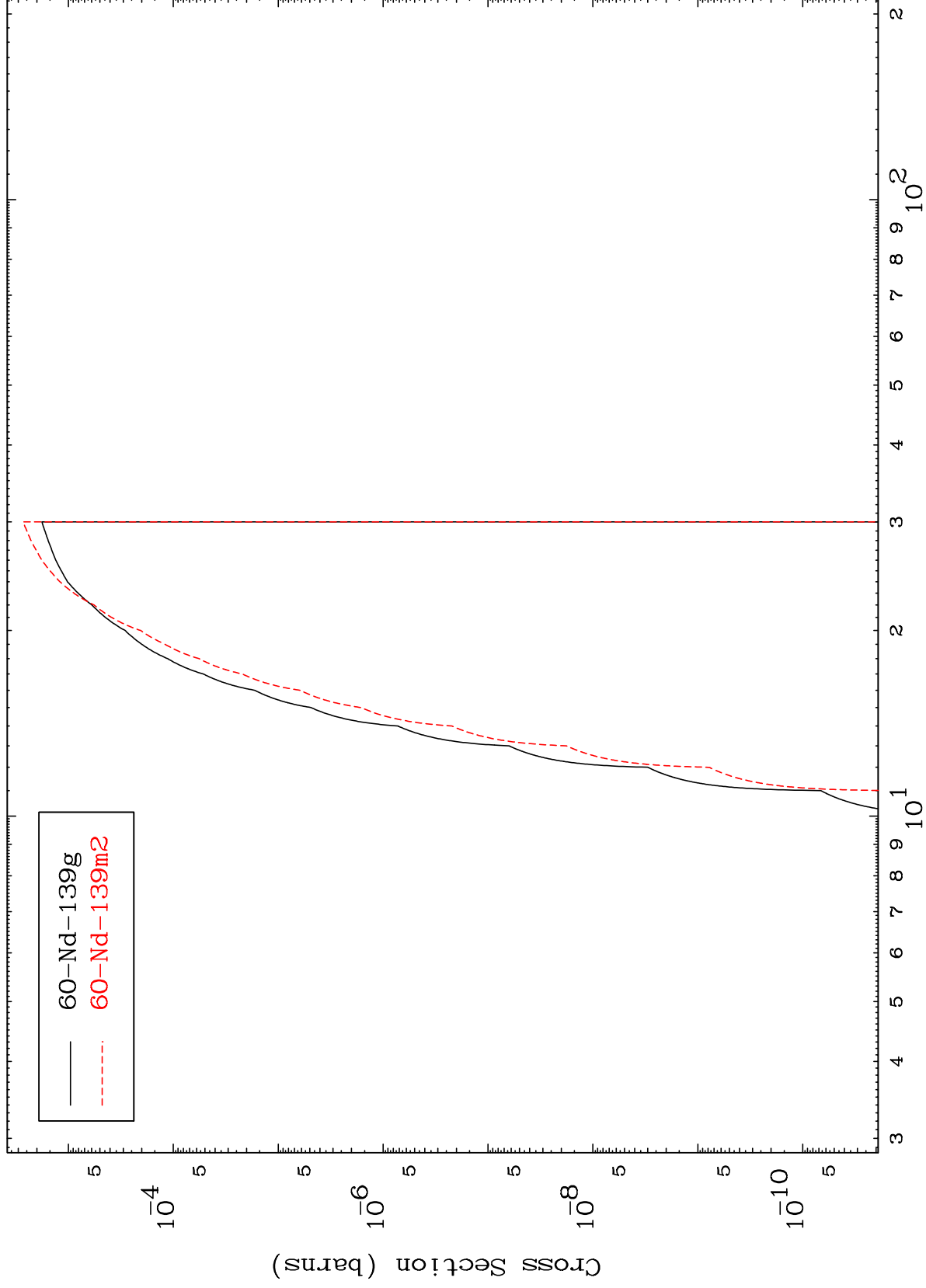
61-Pm-140m



MAT 6129

61-Pm-140m

(n,p) t
Radionuclide Production Cross Section



29

Incident Energy (MeV)

61-Pm-140m