

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

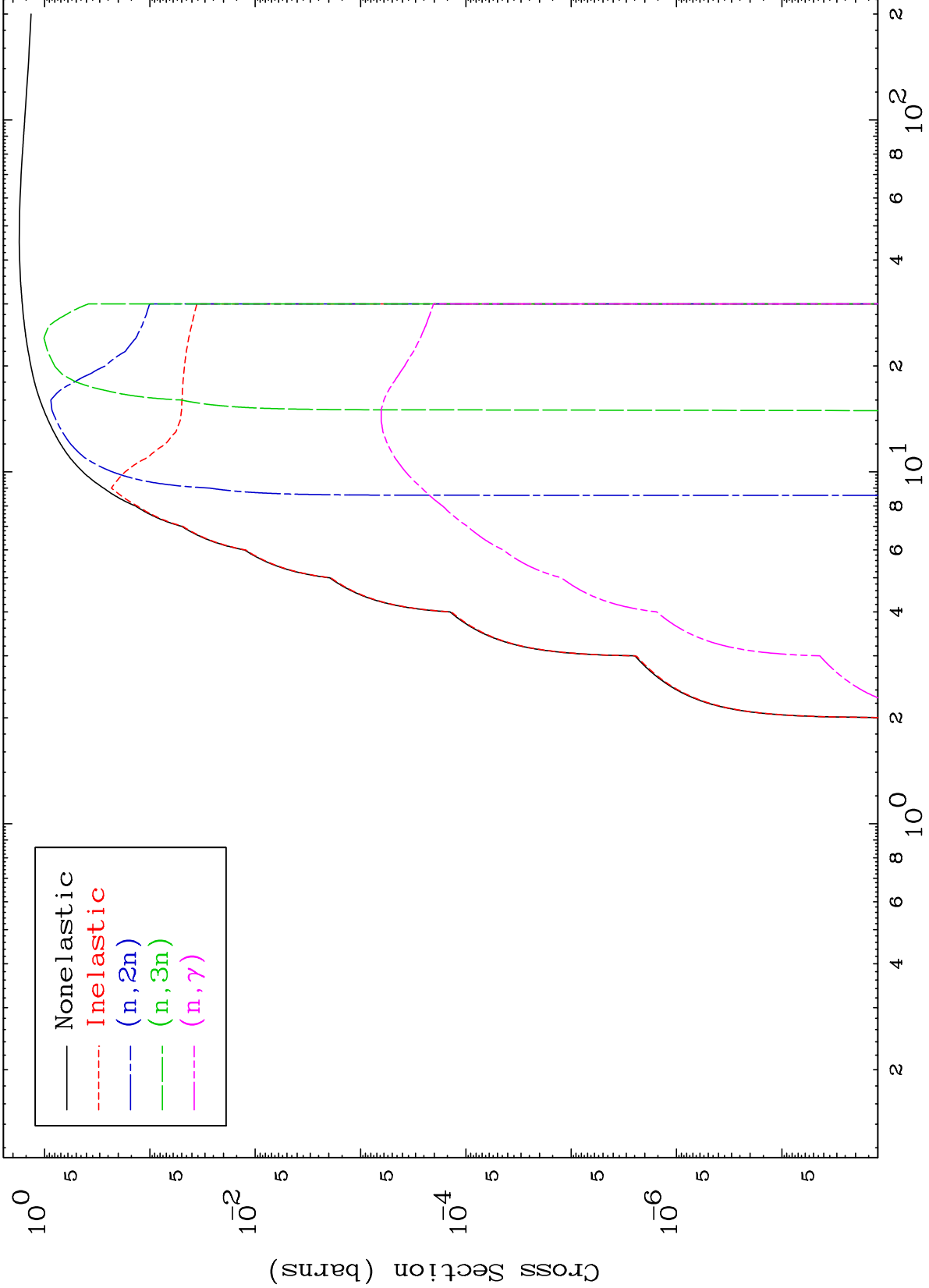
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

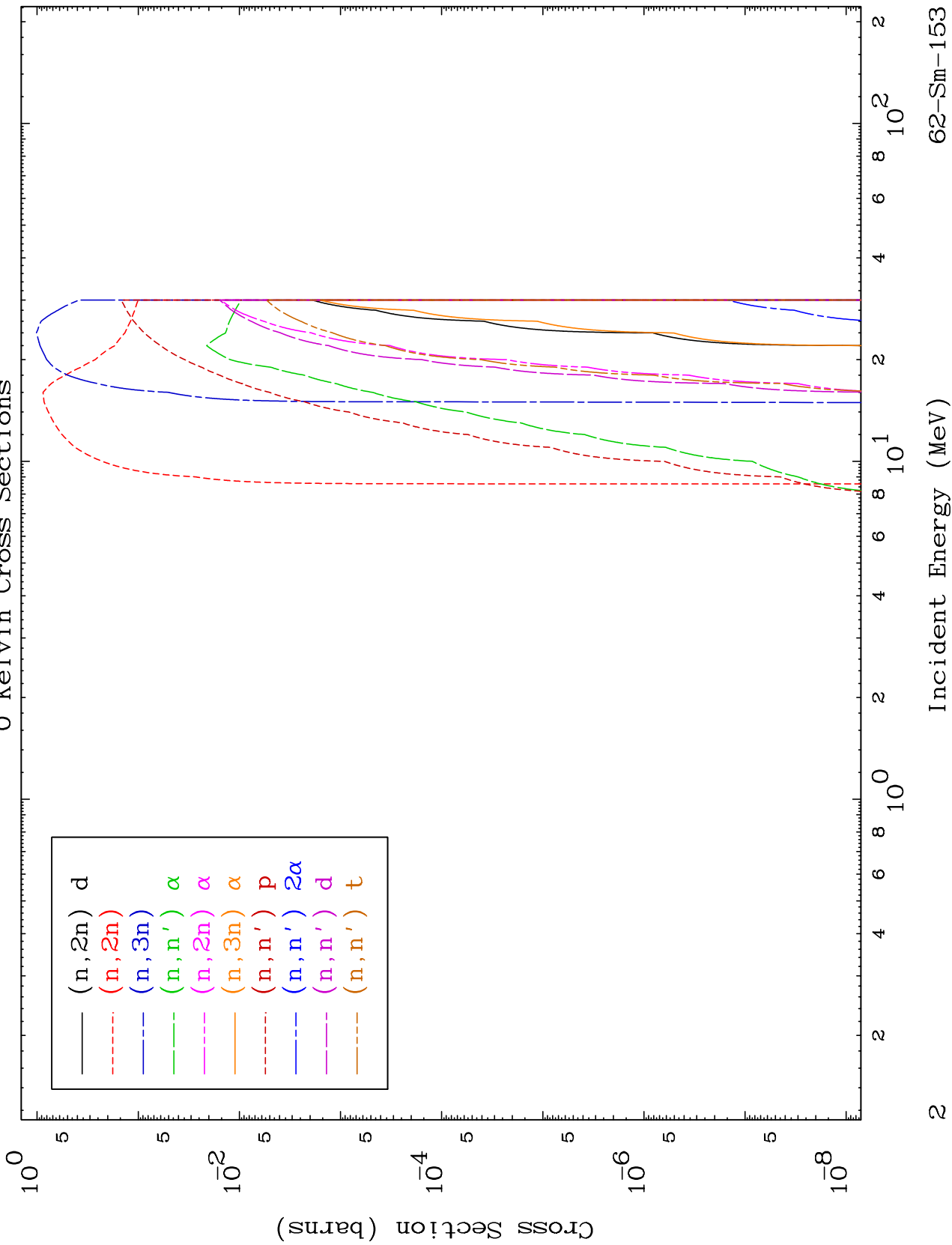
0 Kelvin Cross Sections

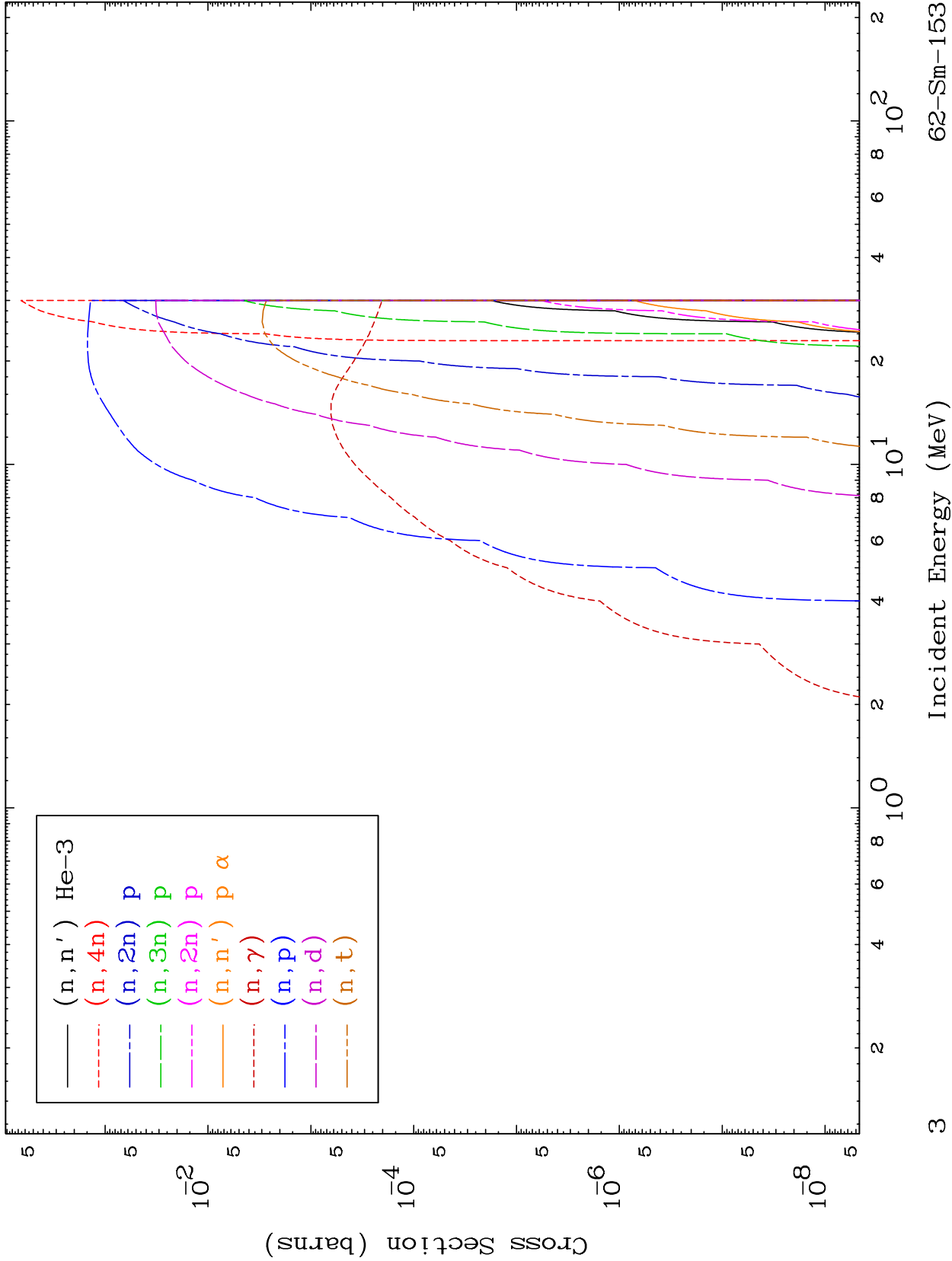


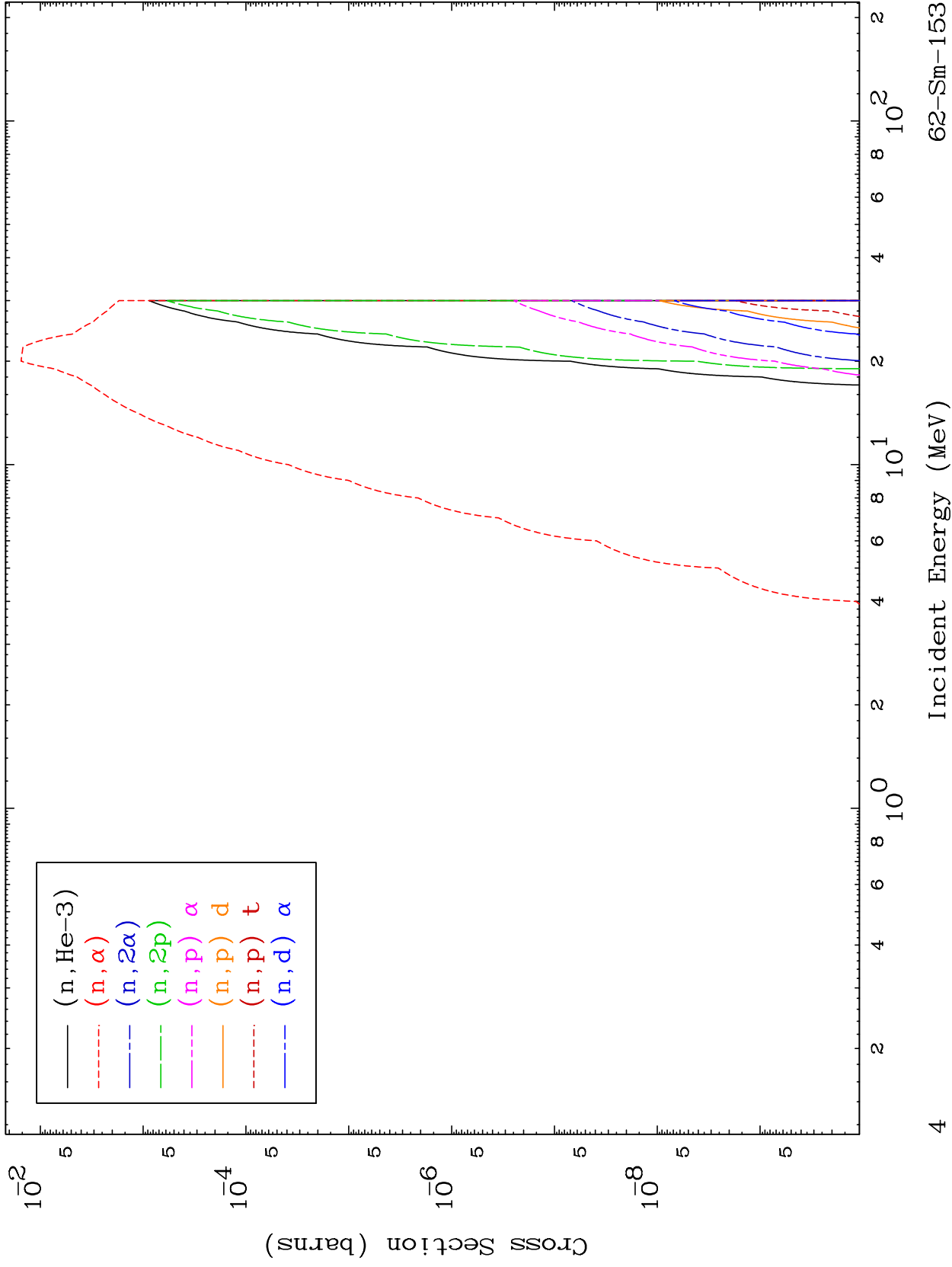
MAT 6252

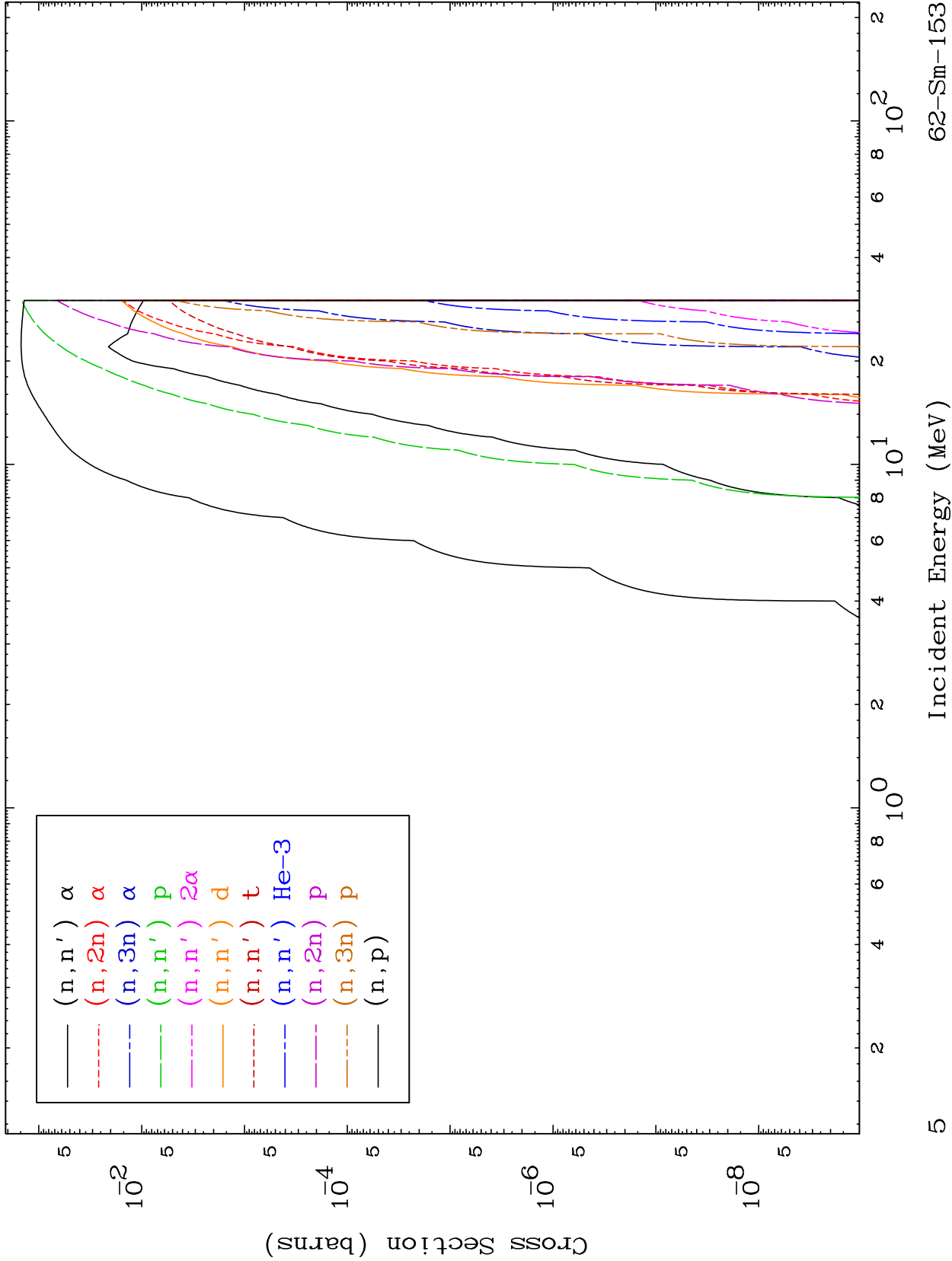
Proton Neutron Absorption
0 Kelvin Cross Sections

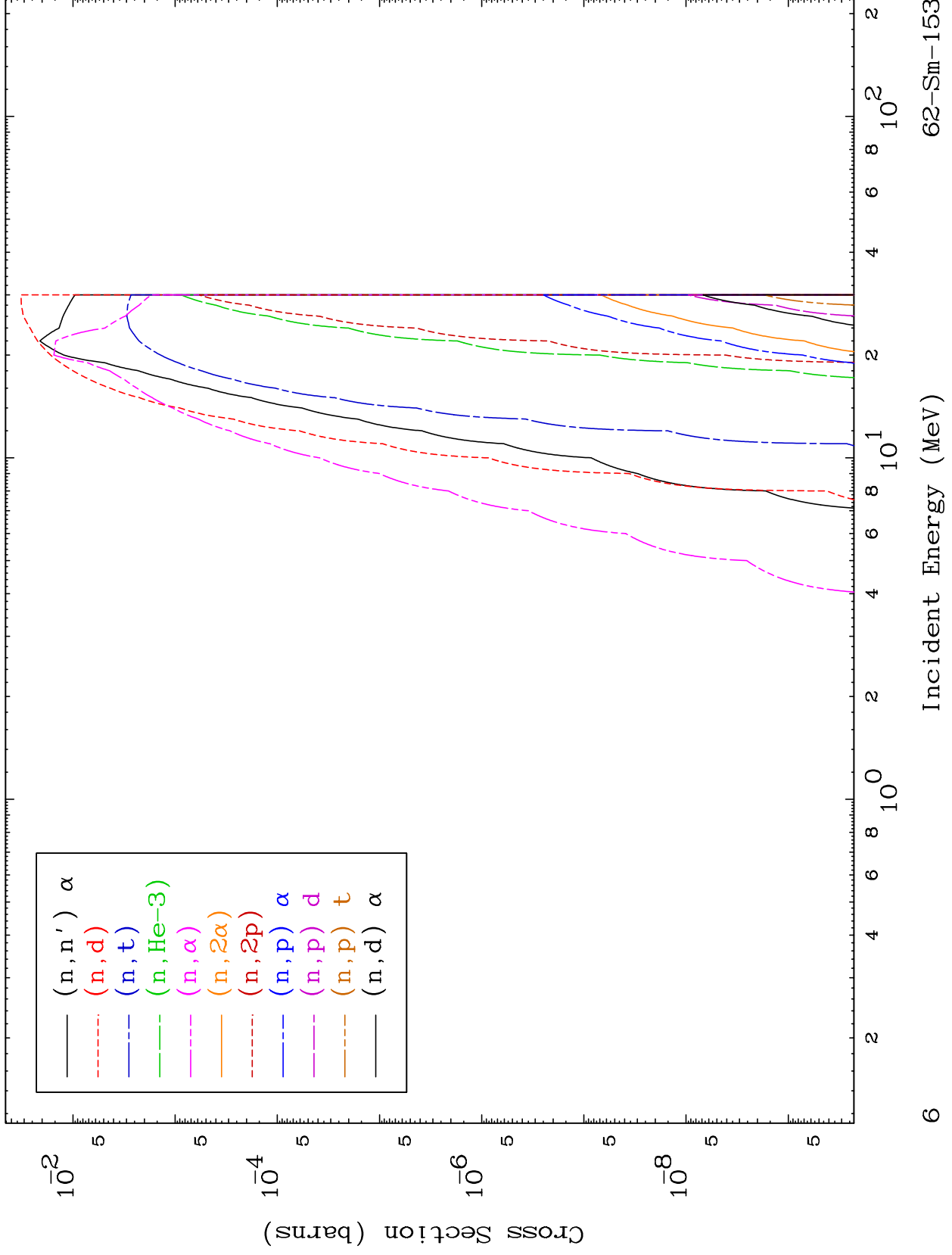
62-Sm-153







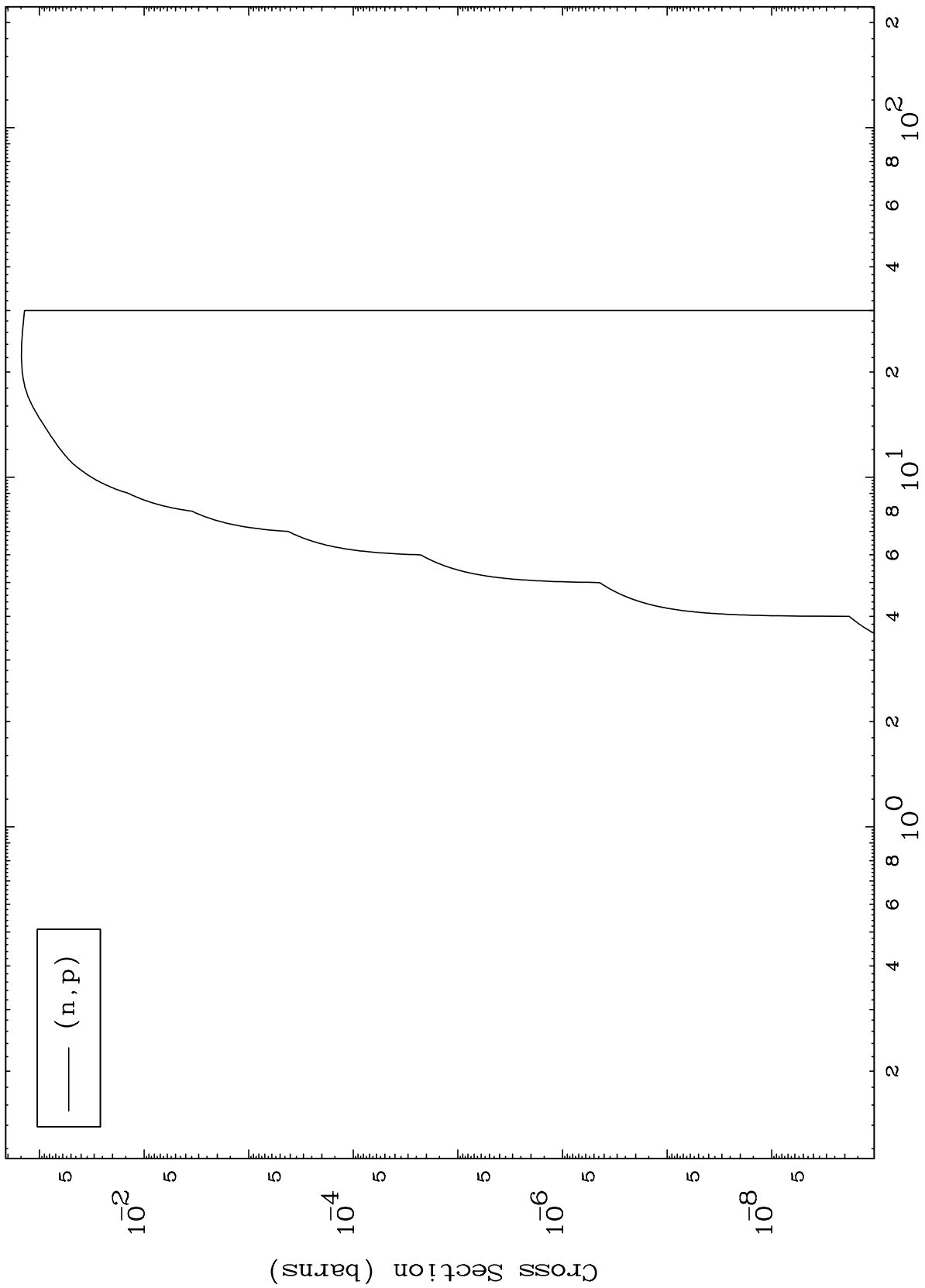




MAT 6252

62-Sm-153

(p,p) Levels
0 Kelvin Cross Sections



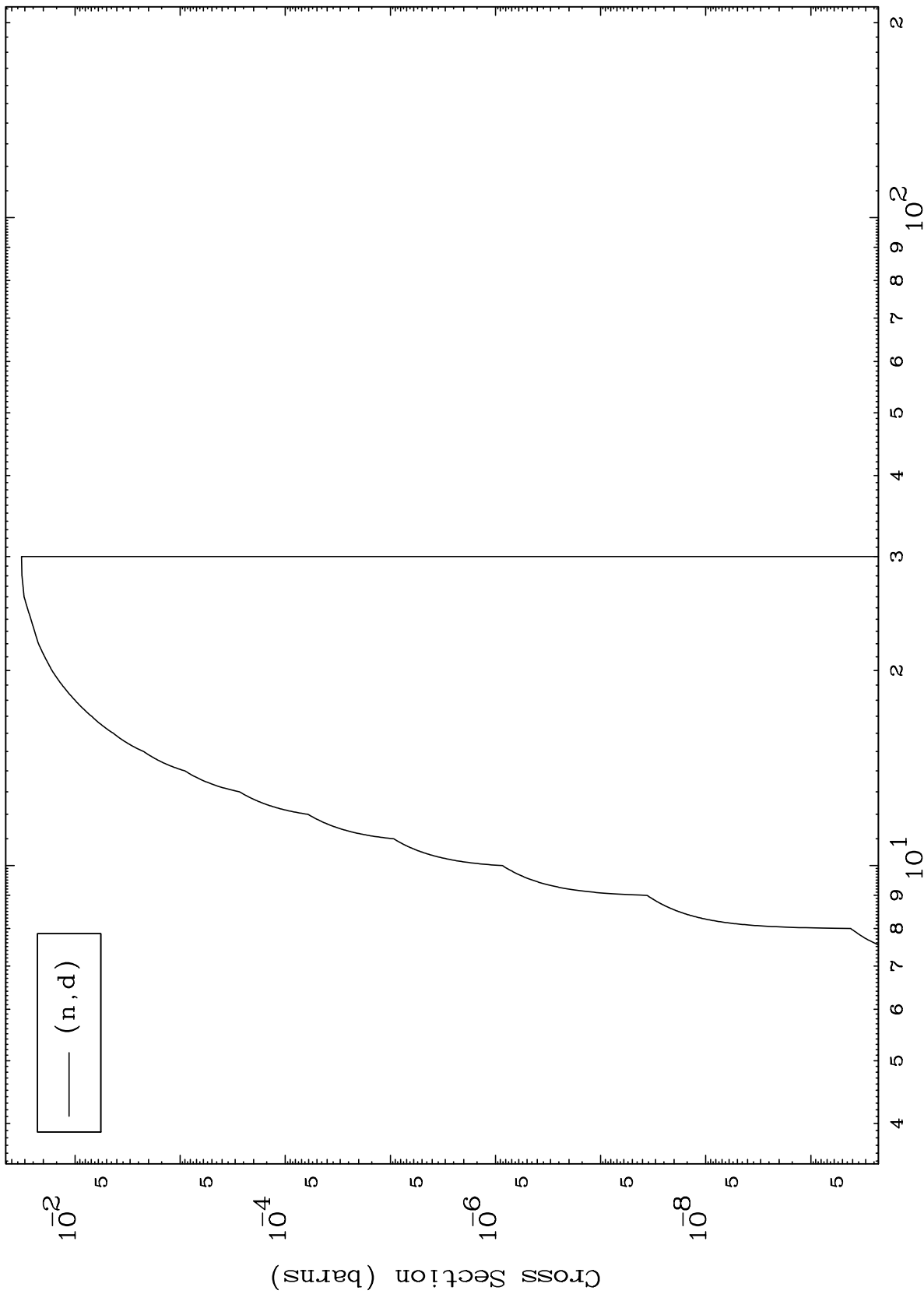
62-Sm-153

Incident Energy (MeV)

MAT 6252

62-Sm-153

(p,d) Levels
0 Kelvin Cross Sections



8

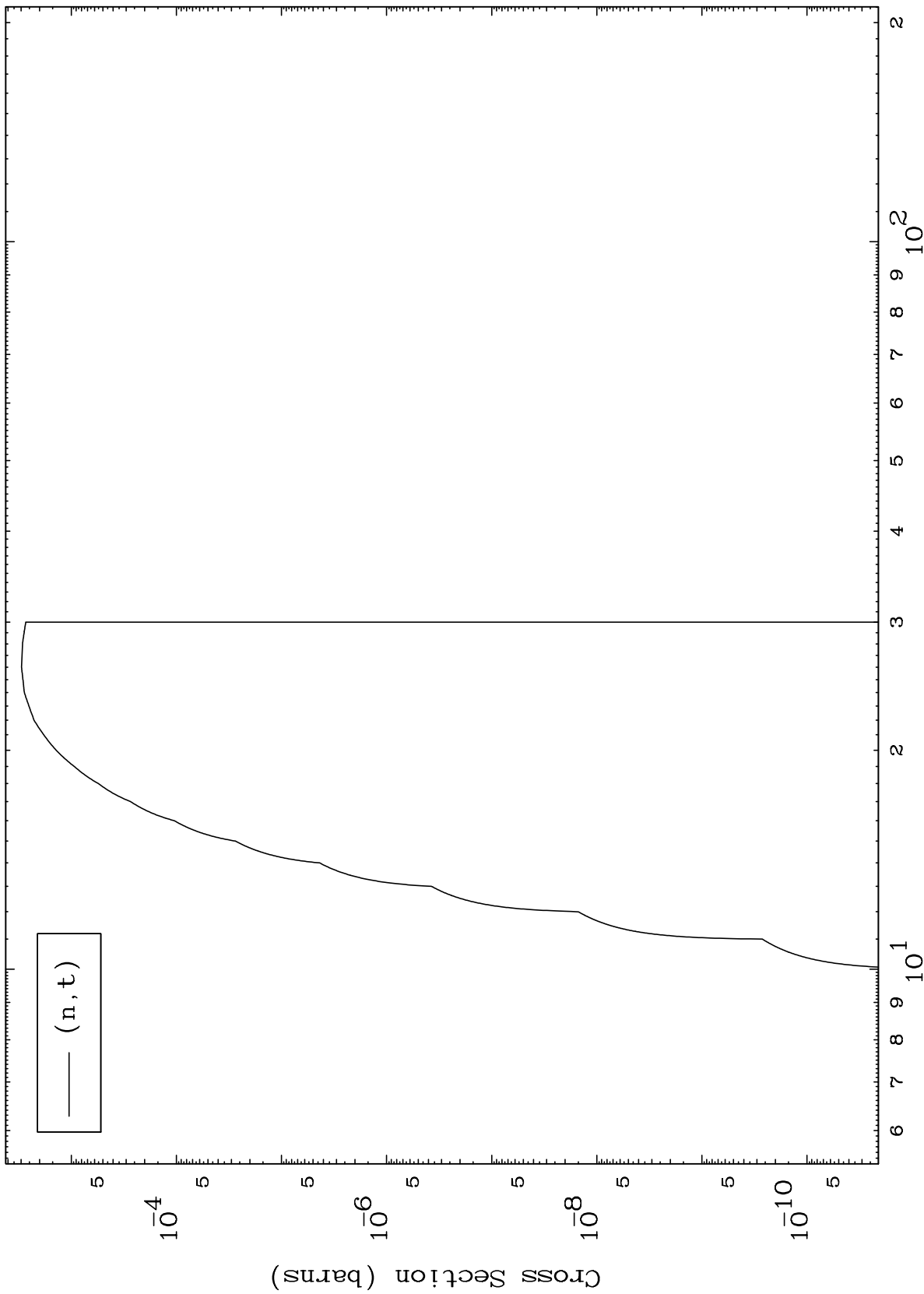
62-Sm-153

Incident Energy (MeV)

MAT 6252

62-Sm-153

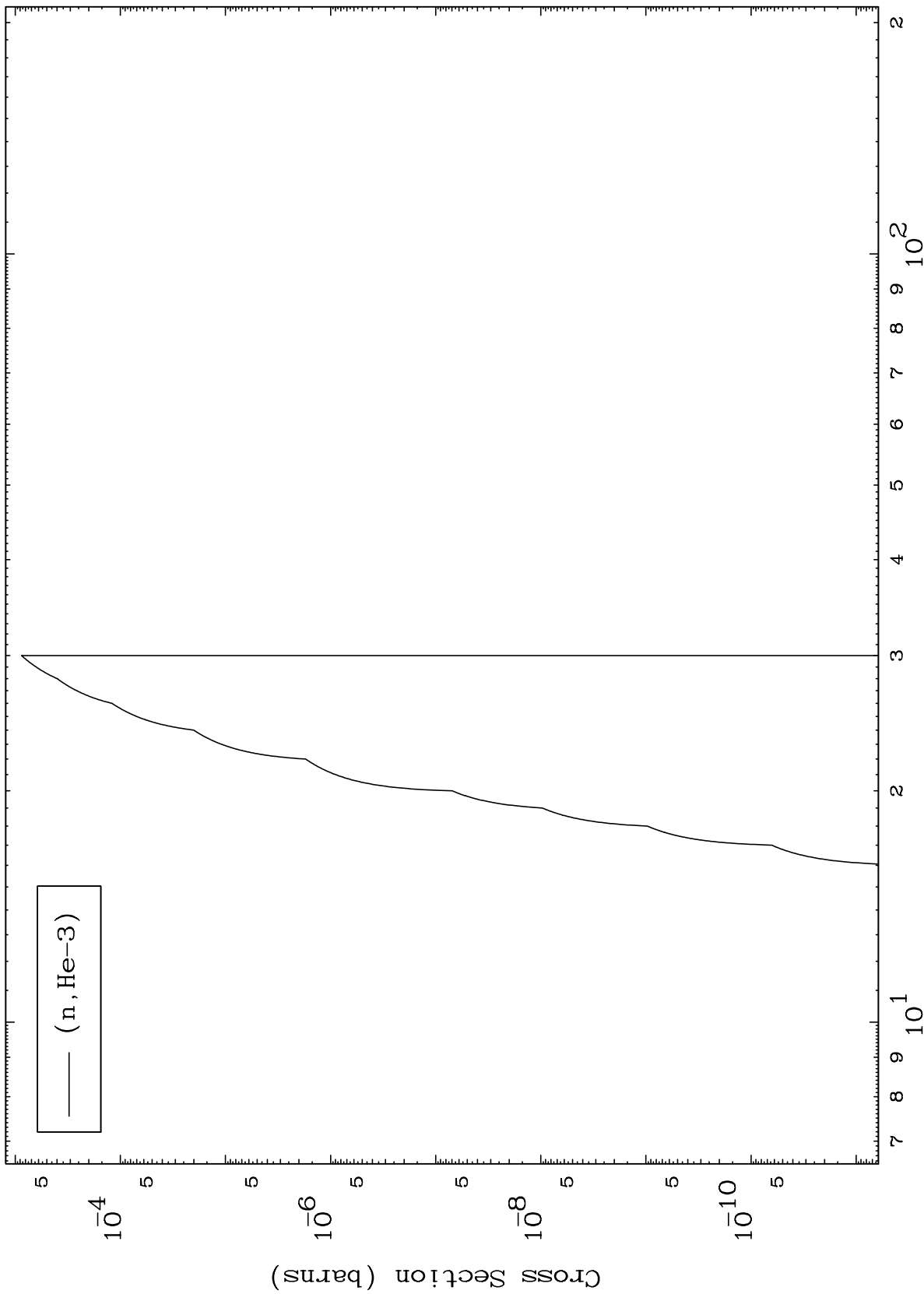
(p,t) Levels
0 Kelvin Cross Sections



MAT 6252

62-Sm-153

(p,He3) Levels
0 Kelvin Cross Sections



62-Sm-153

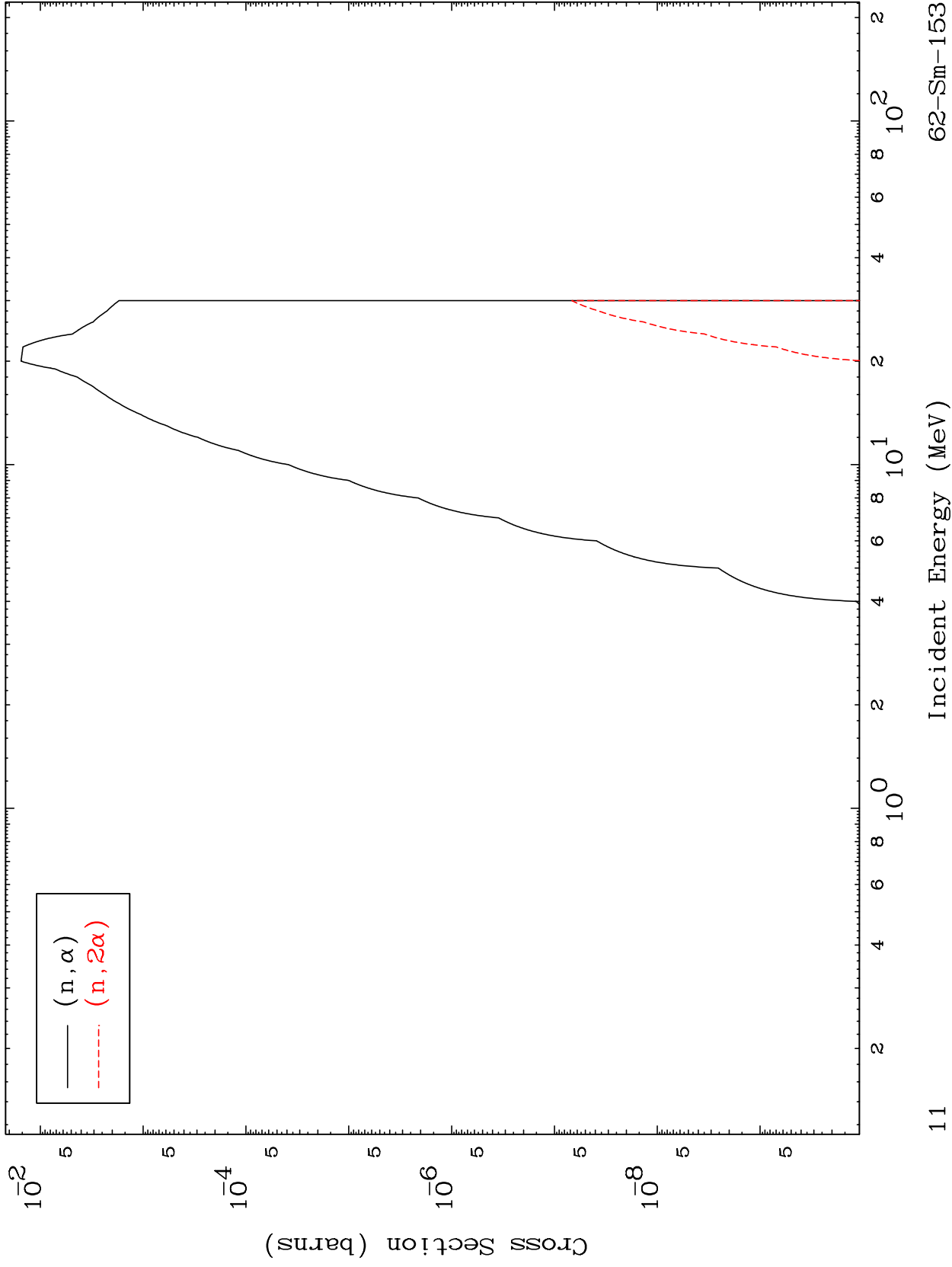
Incident Energy (MeV)

10

MAT 6252

(p, α) Levels
0 Kelvin Cross Sections

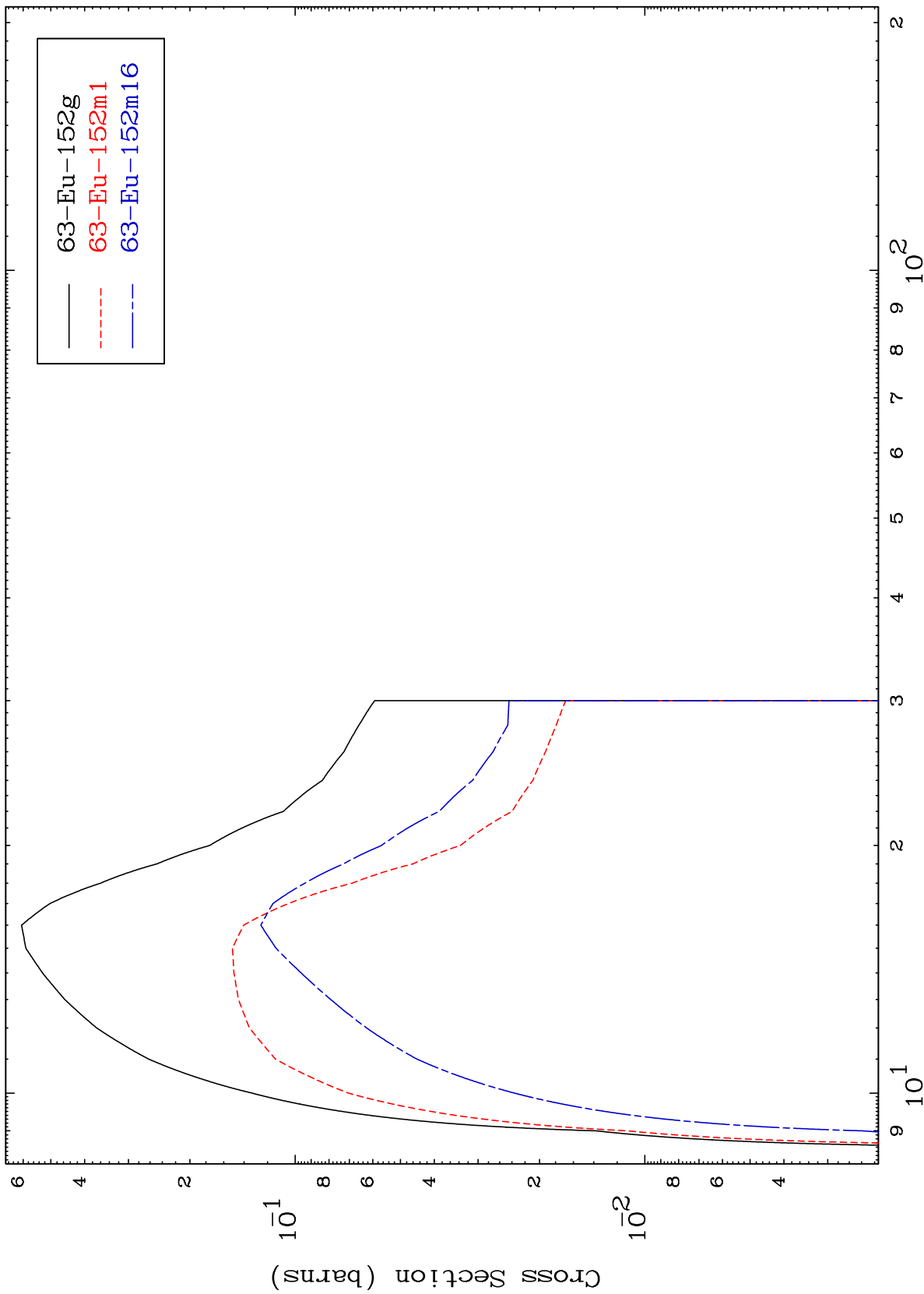
62-Sm-153



MAT 6252

62-Sm-153

(n,2n)
Radionuclide Production Cross Section



62-Sm-153

Incident Energy (MeV)

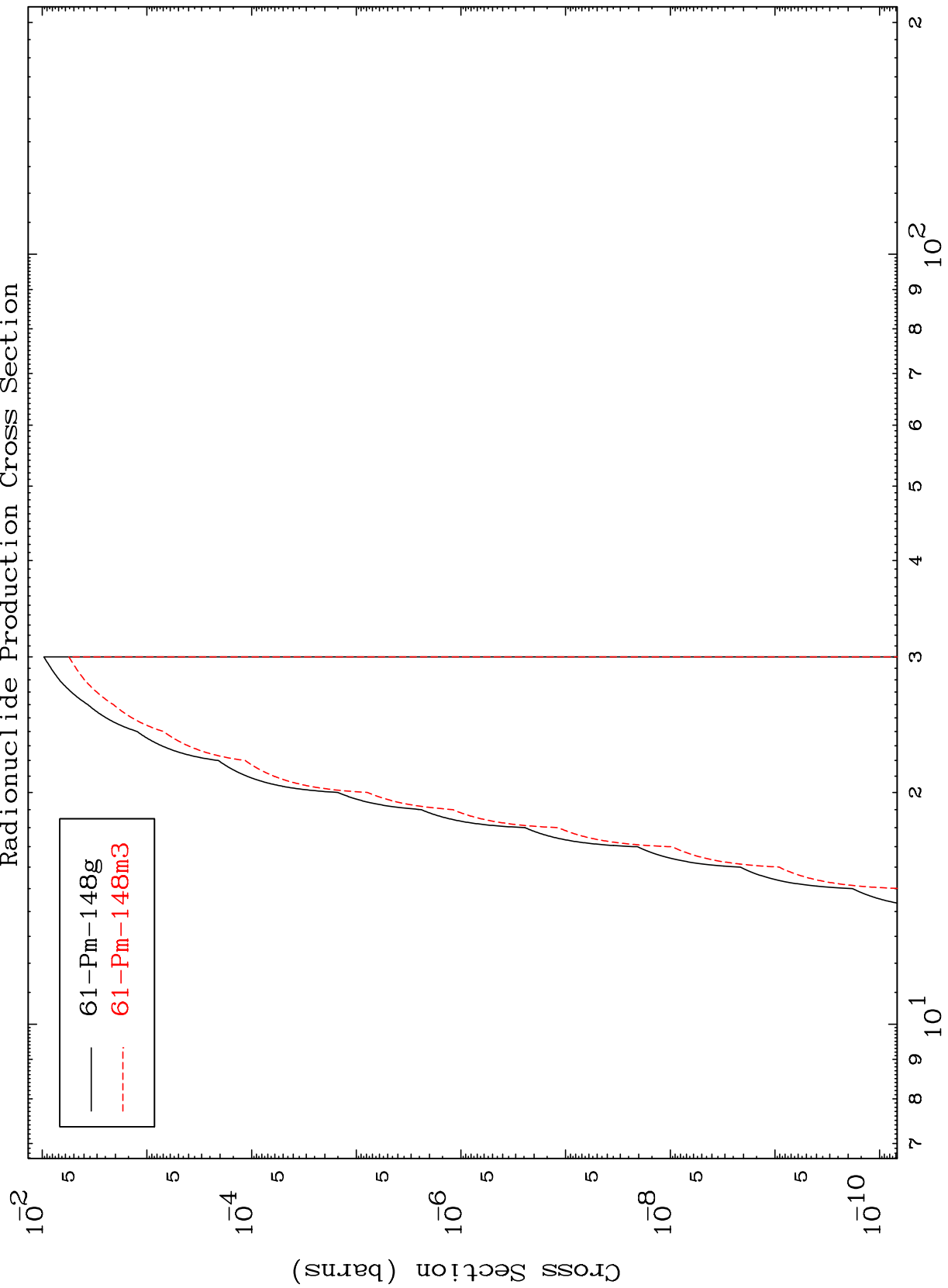
12

MAT 6252

(n,2n) α

62-Sm-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

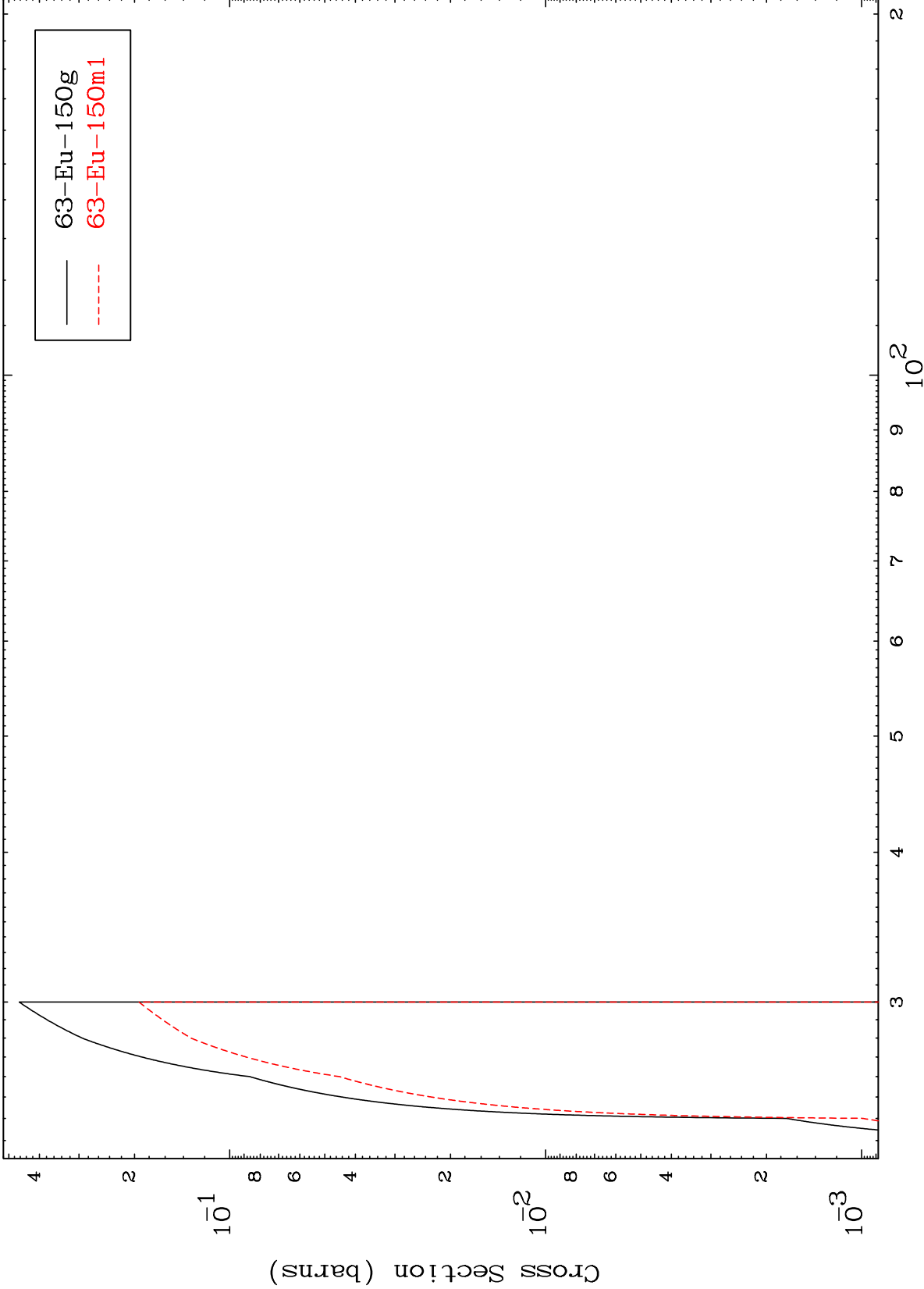
62-Sm-153

MAT 6252

(n,4n)

62-Sm-153

Radionuclide Production Cross Section



63-Eu-150g
63-Eu-150m1

14

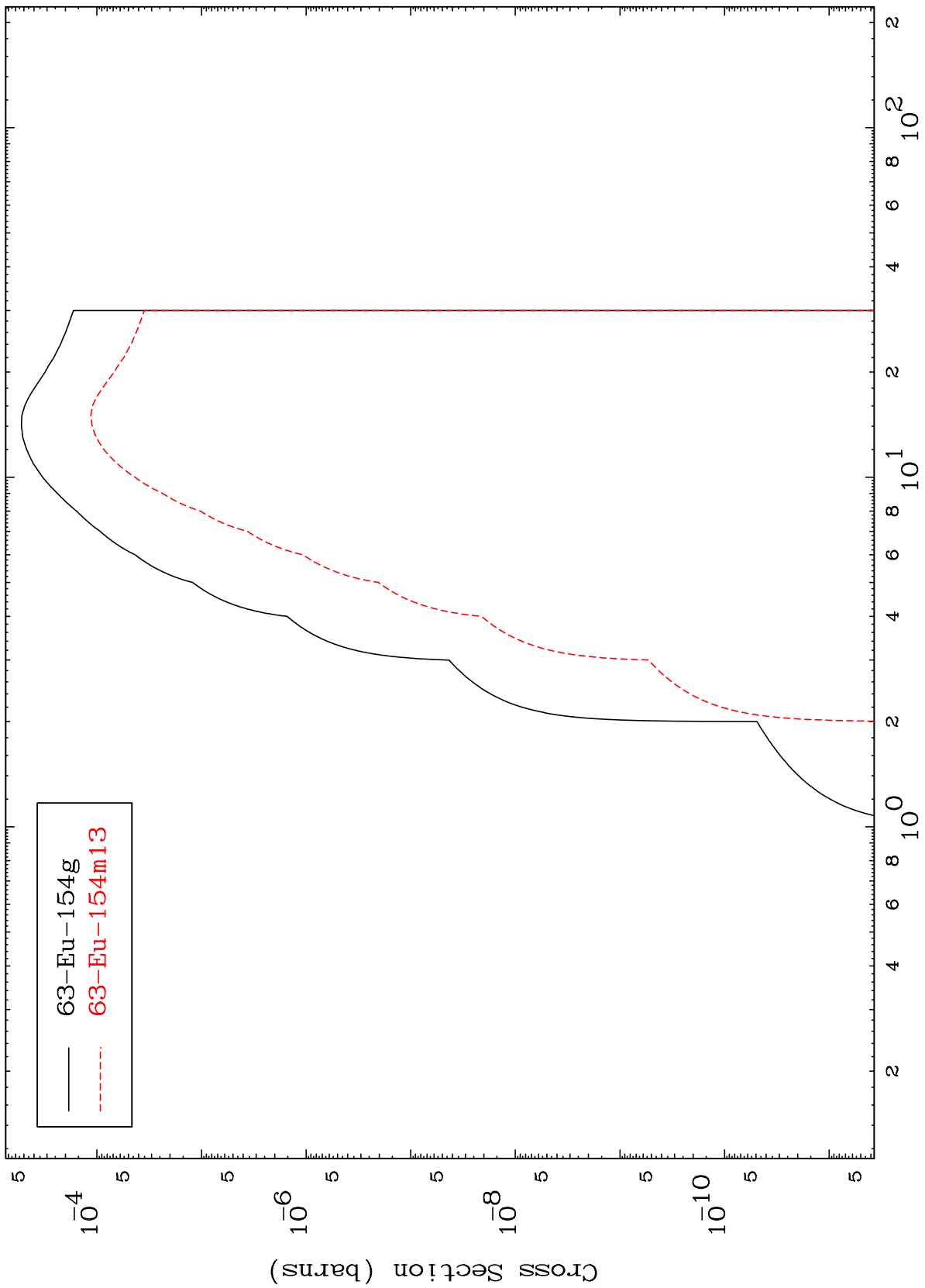
Incident Energy (MeV)

62-Sm-153

MAT 6252

62-Sm-153

(n, γ)
Radionuclide Production Cross Section



62-Sm-153

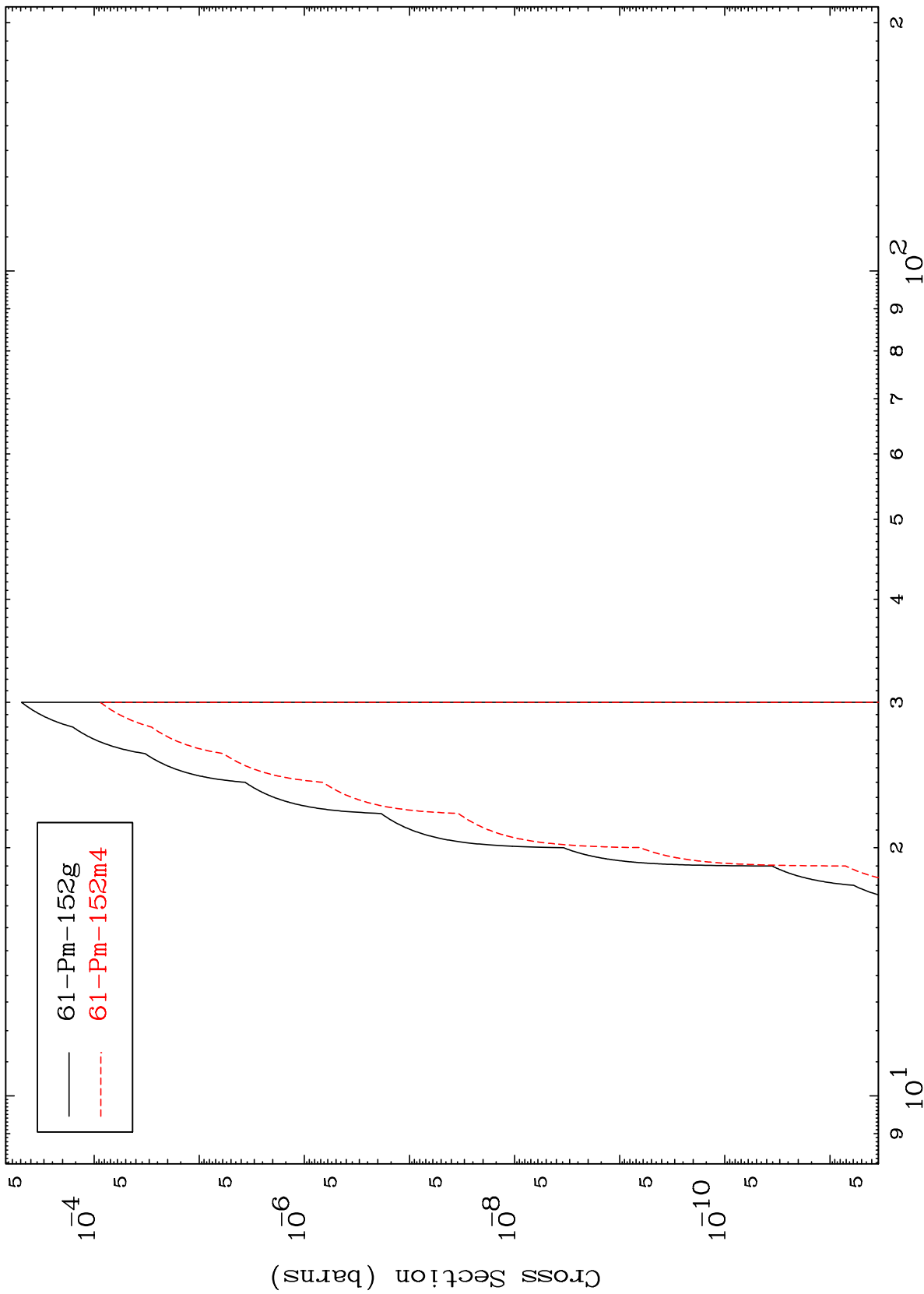
Incident Energy (MeV)

15

MAT 6252

62-Sm-153

(n,2p)
Radionuclide Production Cross Section



62-Sm-153

Incident Energy (MeV)

16