

Program EVALPLOT
(Version 2018-1)

by

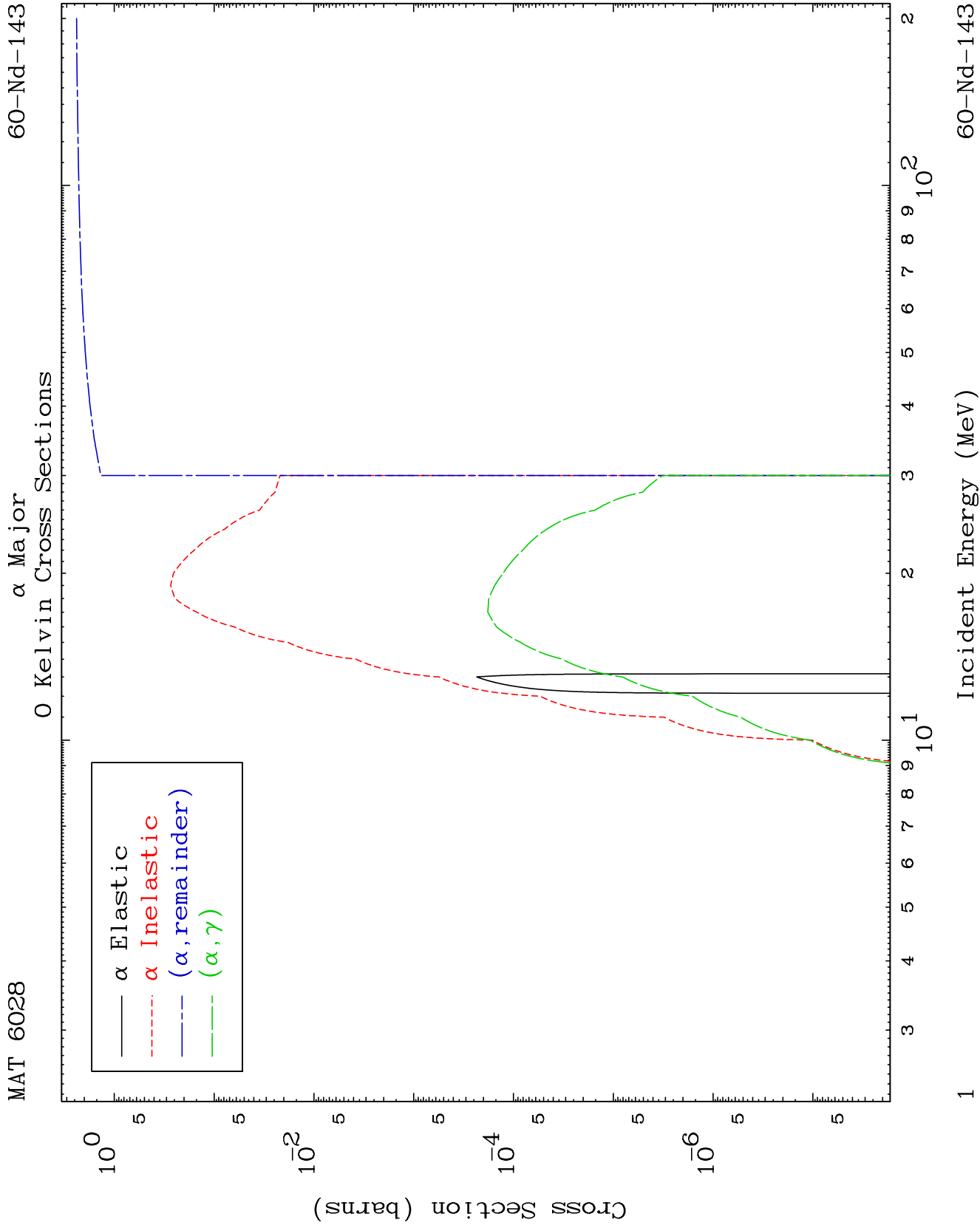
Dermott E. Cullen
(Present Contact Information)

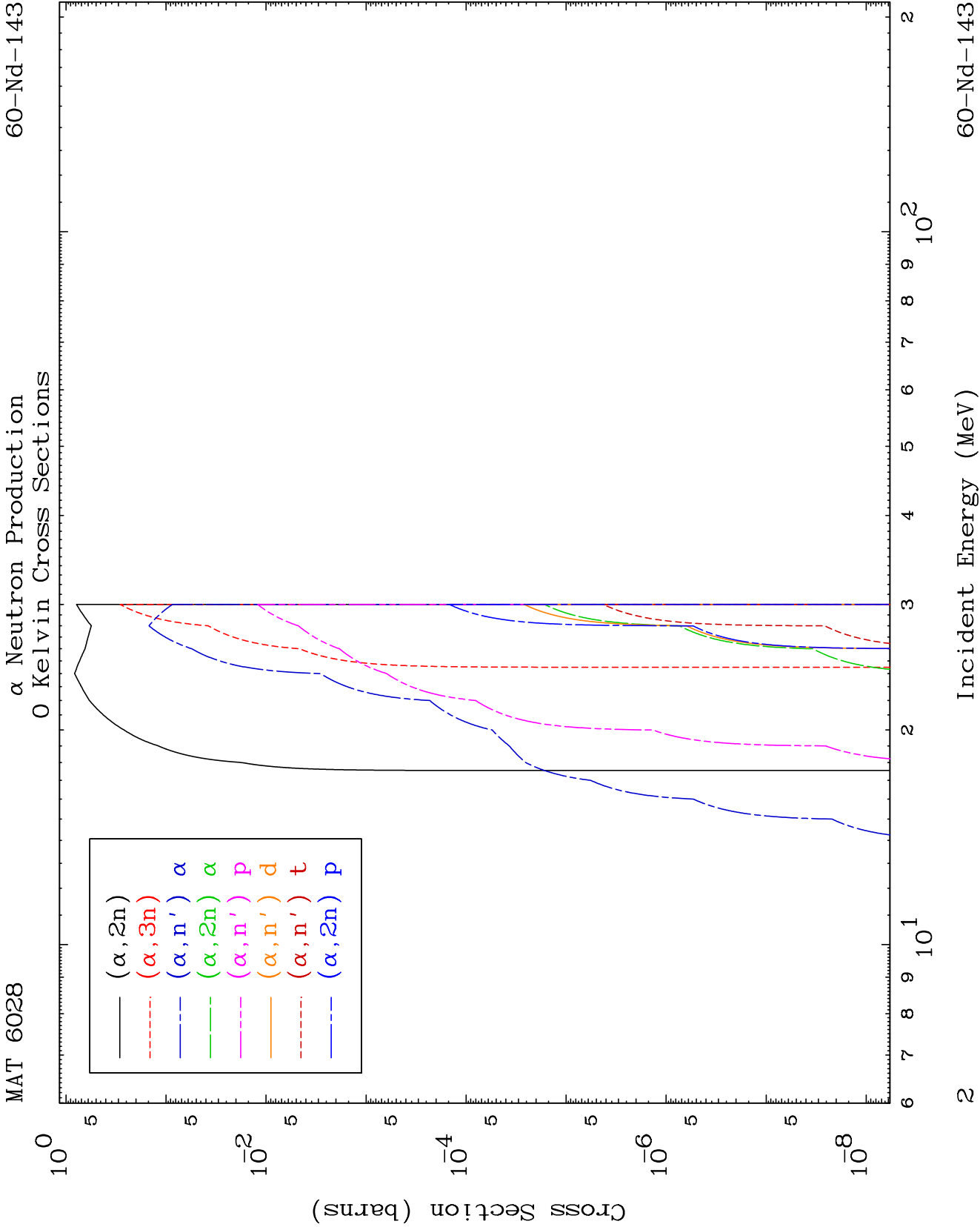
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

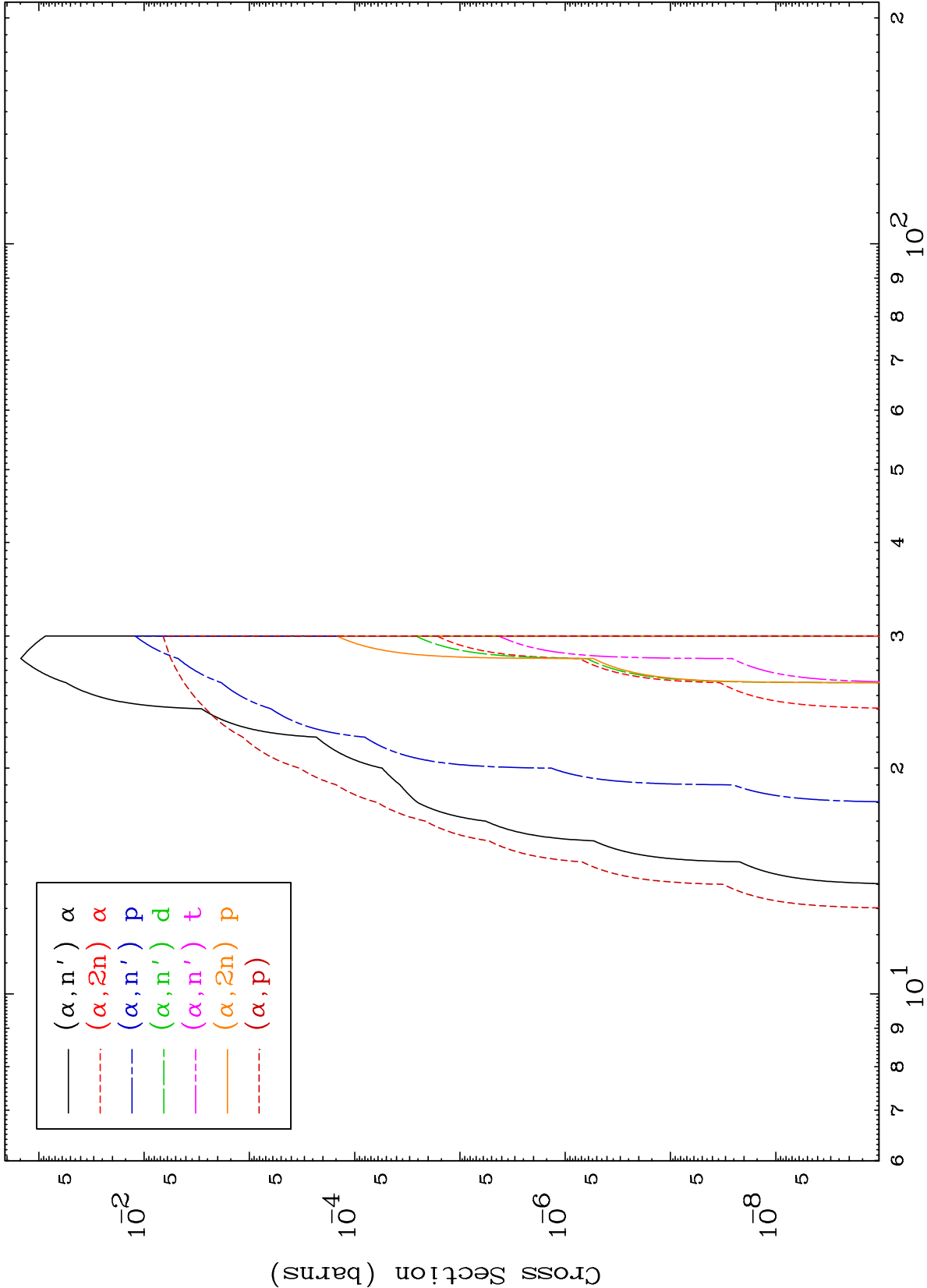
Tele: 925-443-1911

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

Press Mouse Button to Start





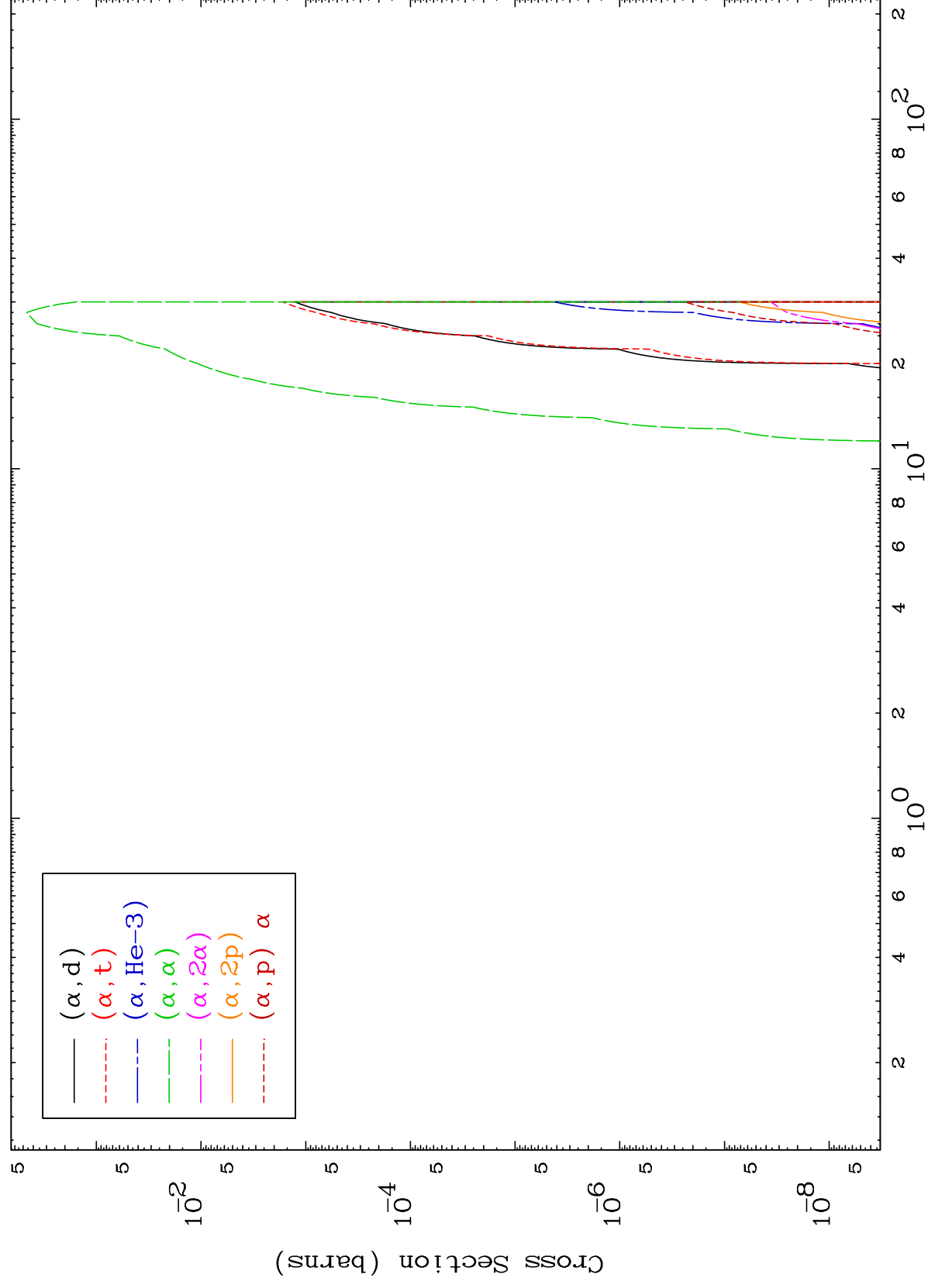


MAT 6028

 α Charged Particle

60-Nd-143

0 Kelvin Cross Sections



4

Incident Energy (MeV)

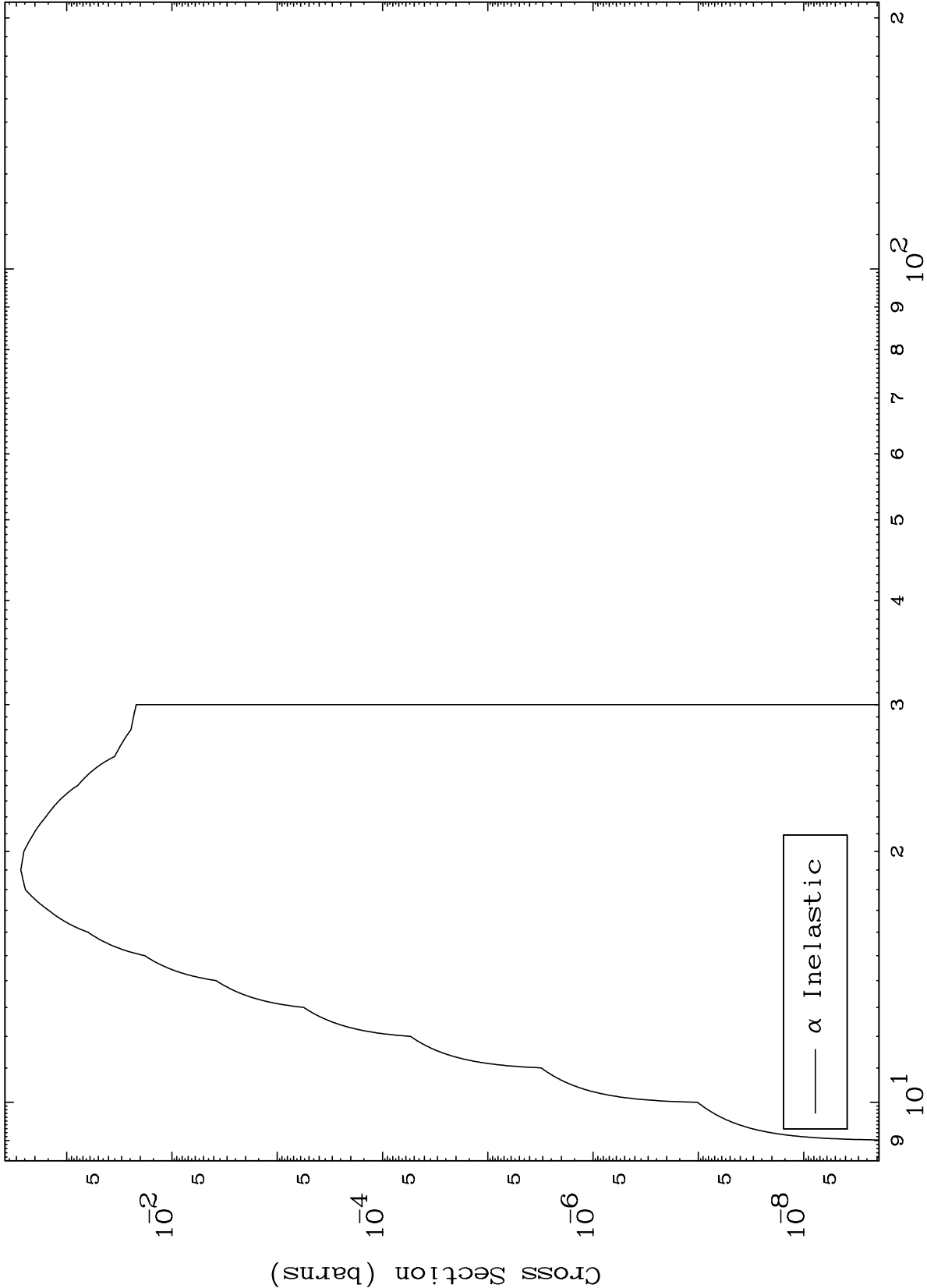
60-Nd-143

MAT 6028

(α, n') Level

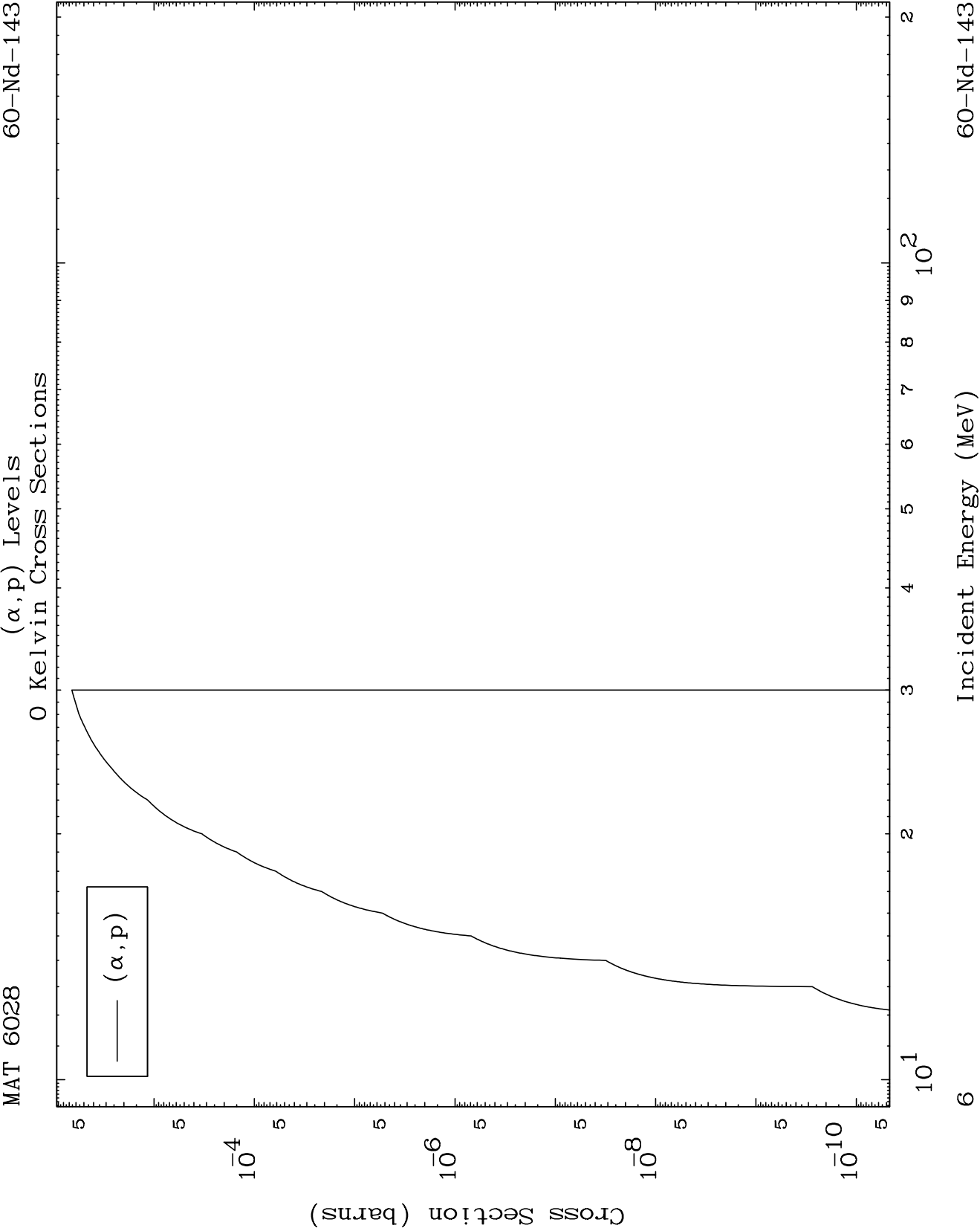
0 Kelvin Cross Sections

60-Nd-143



Incident Energy (MeV)

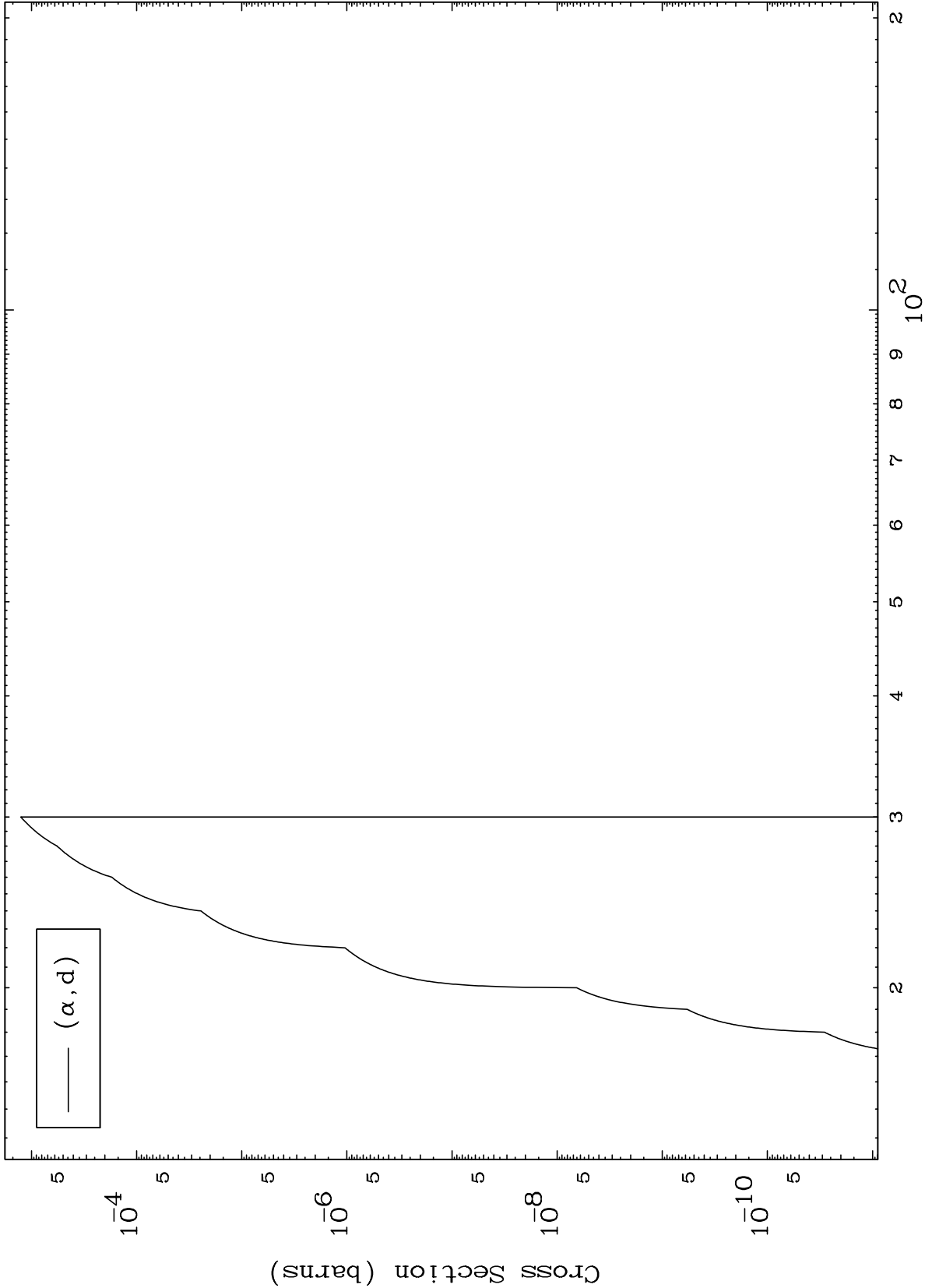
60-Nd-143



MAT 6028

(α ,d) Levels
0 Kelvin Cross Sections

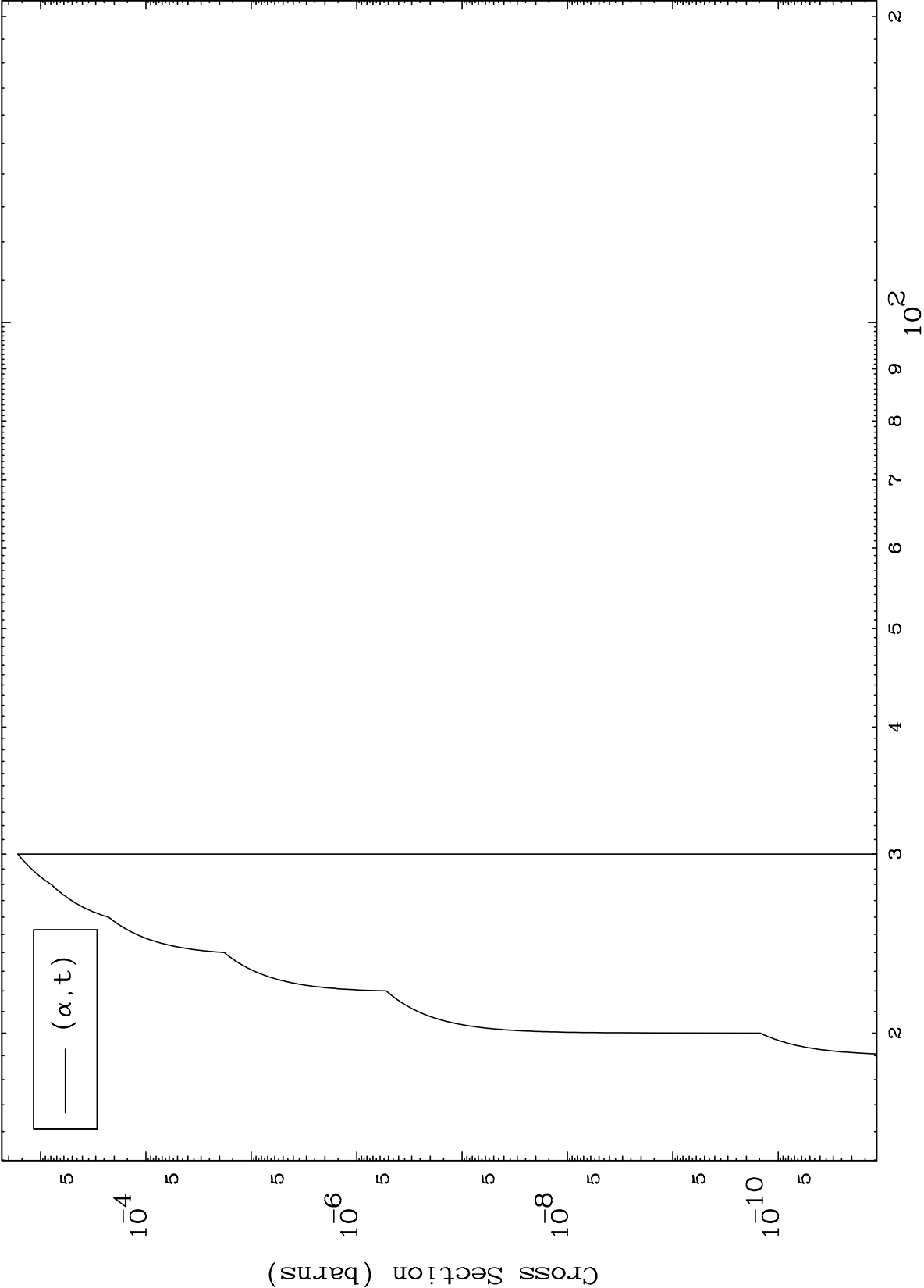
60-Nd-143



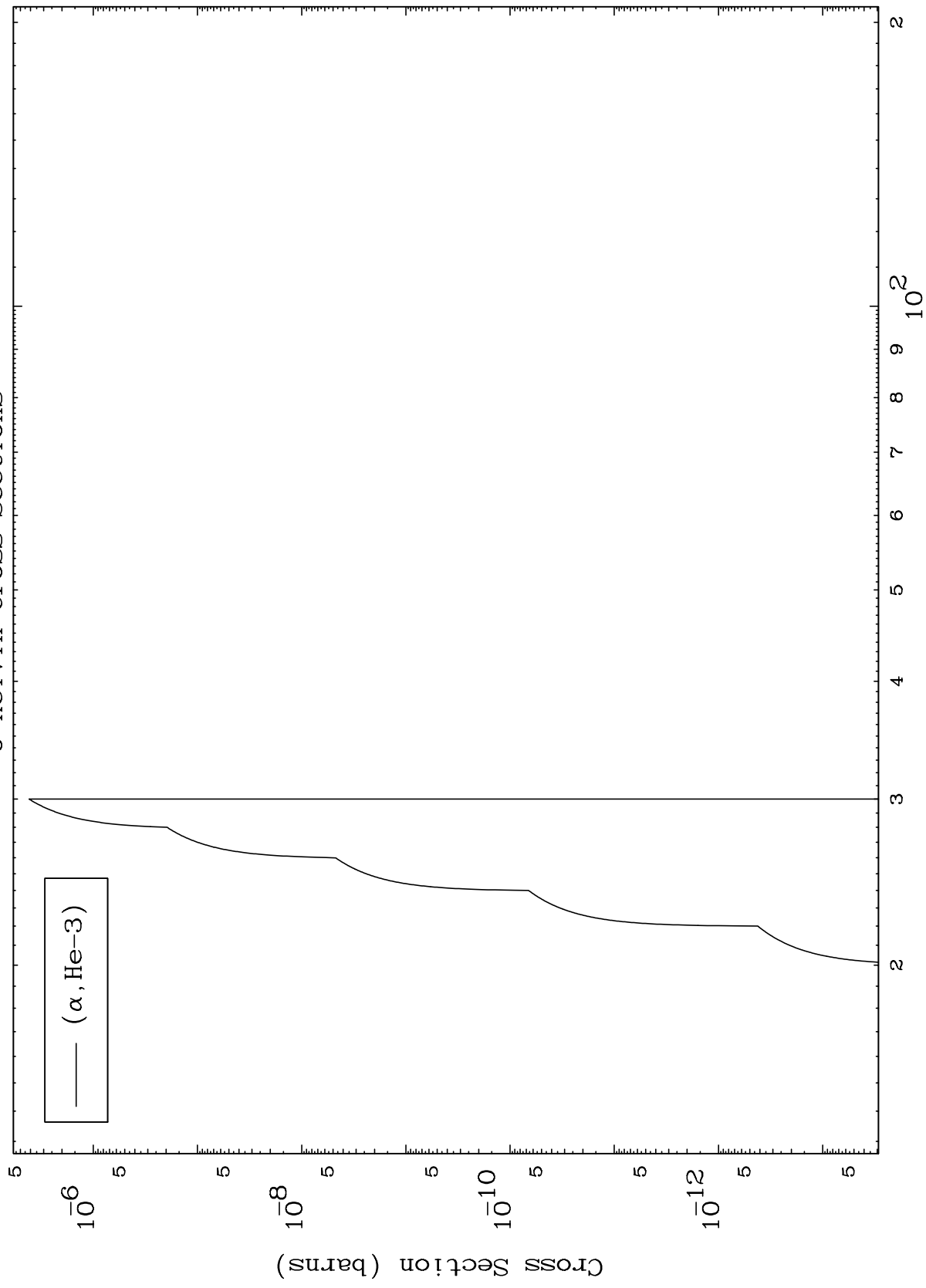
7

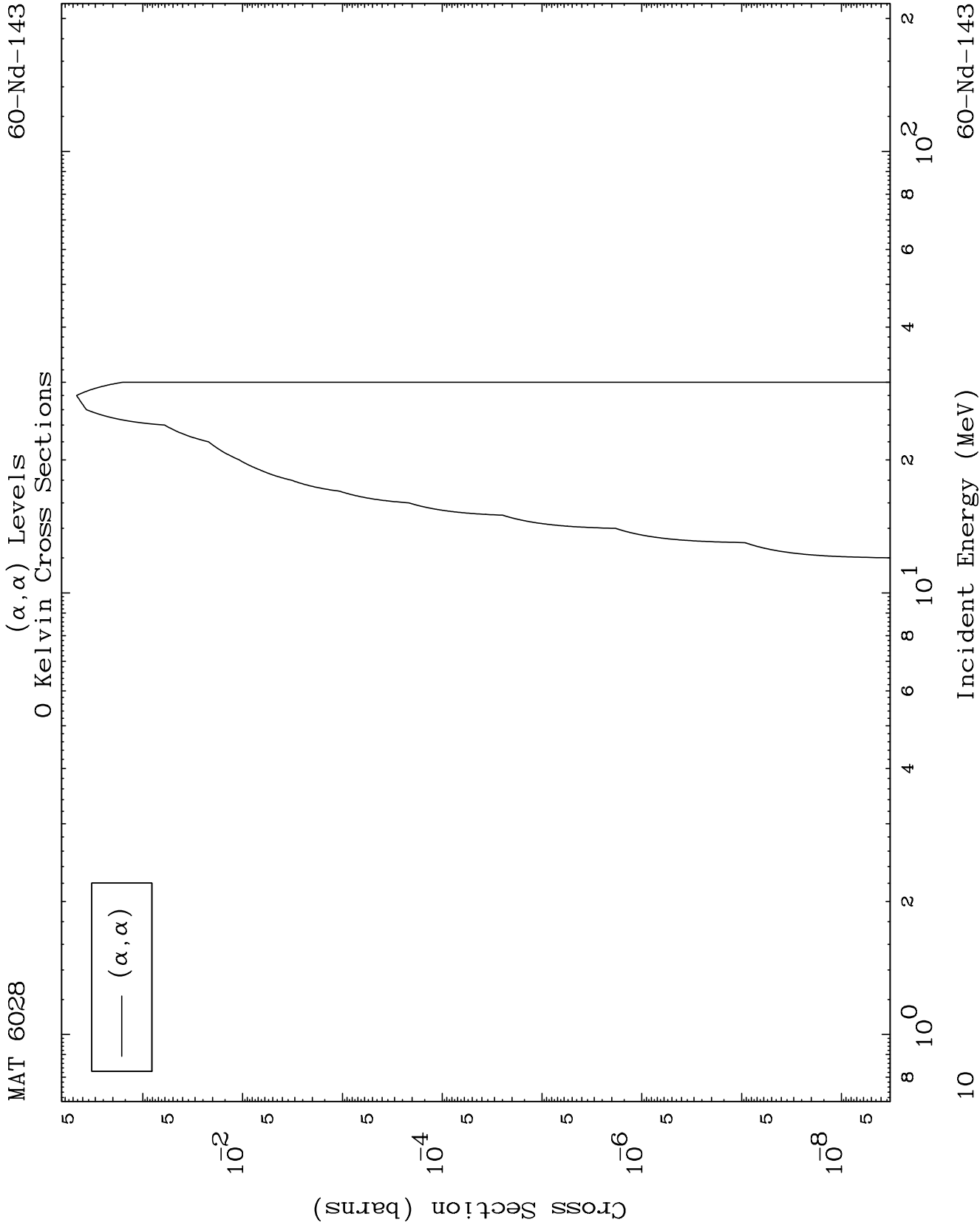
Incident Energy (MeV)

60-Nd-143



(α ,He3) Levels
0 Kelvin Cross Sections

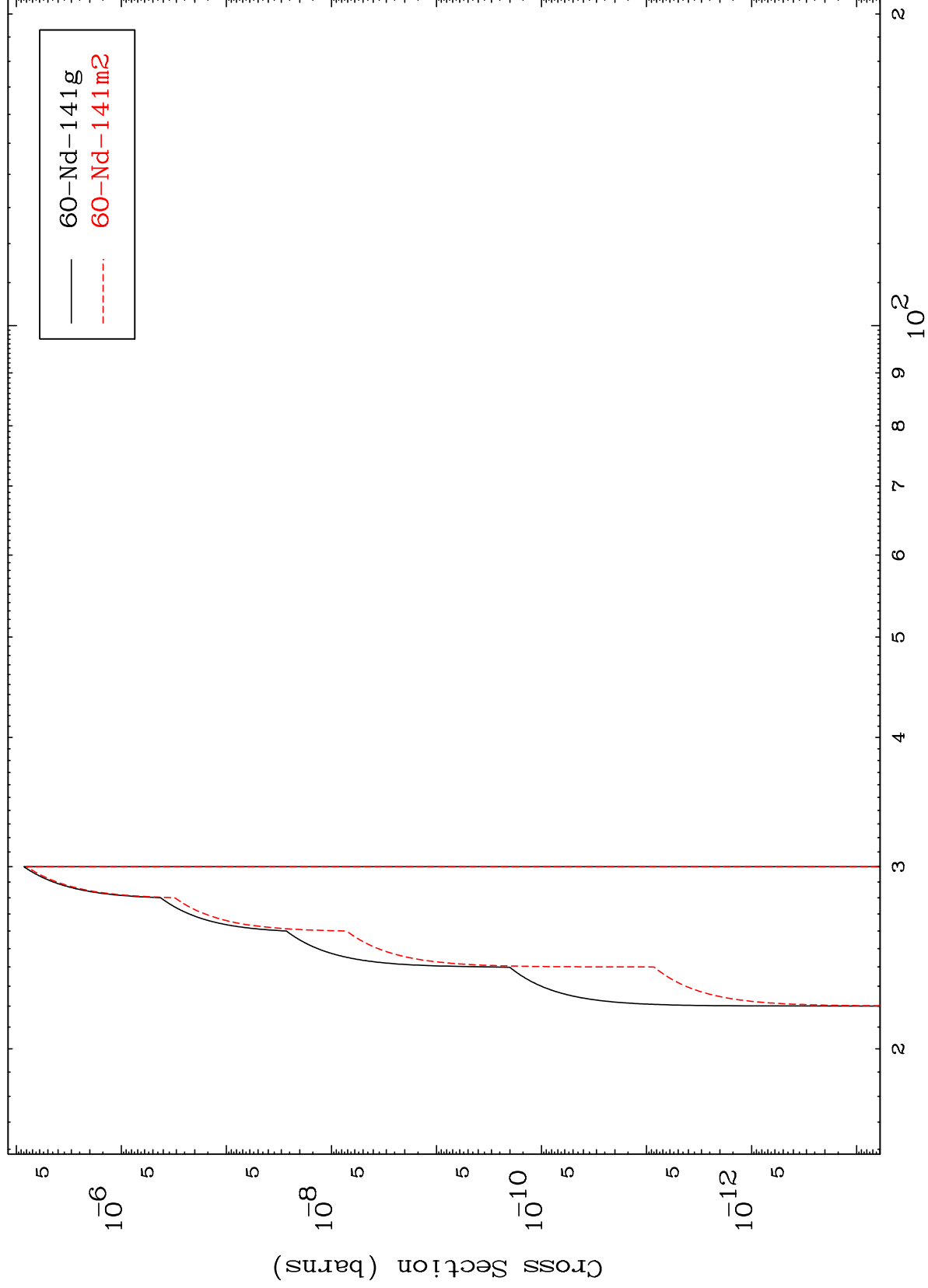




MAT 6028

60-Nd-143

$(\alpha, 2n) \alpha$
Radionuclide Production Cross Section



11

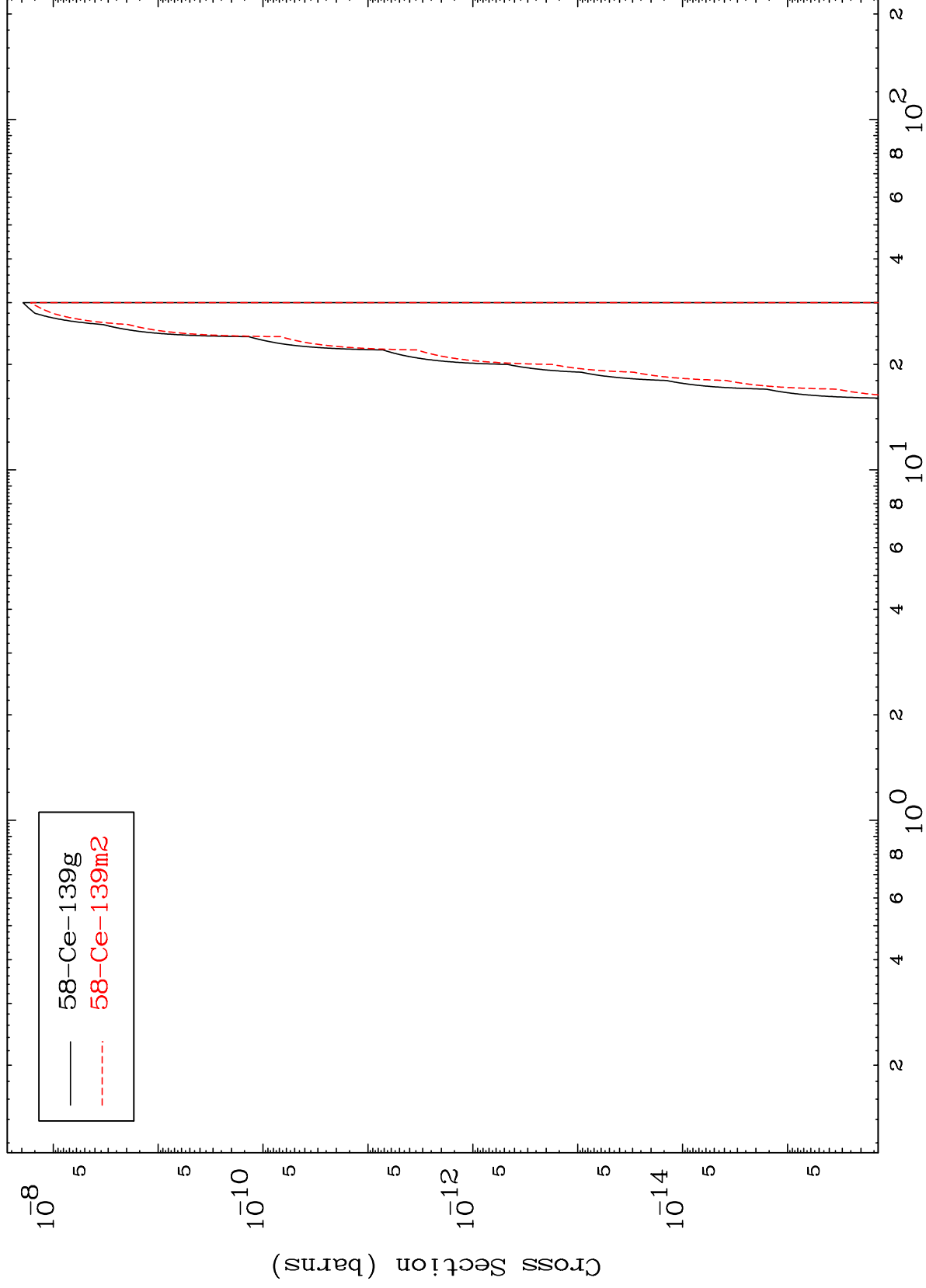
Incident Energy (MeV)

60-Nd-143

MAT 6028

60-Nd-143

Radionuclide Production Cross Section
($\alpha, 2\alpha$)



12

Incident Energy (MeV)

60-Nd-143

