

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

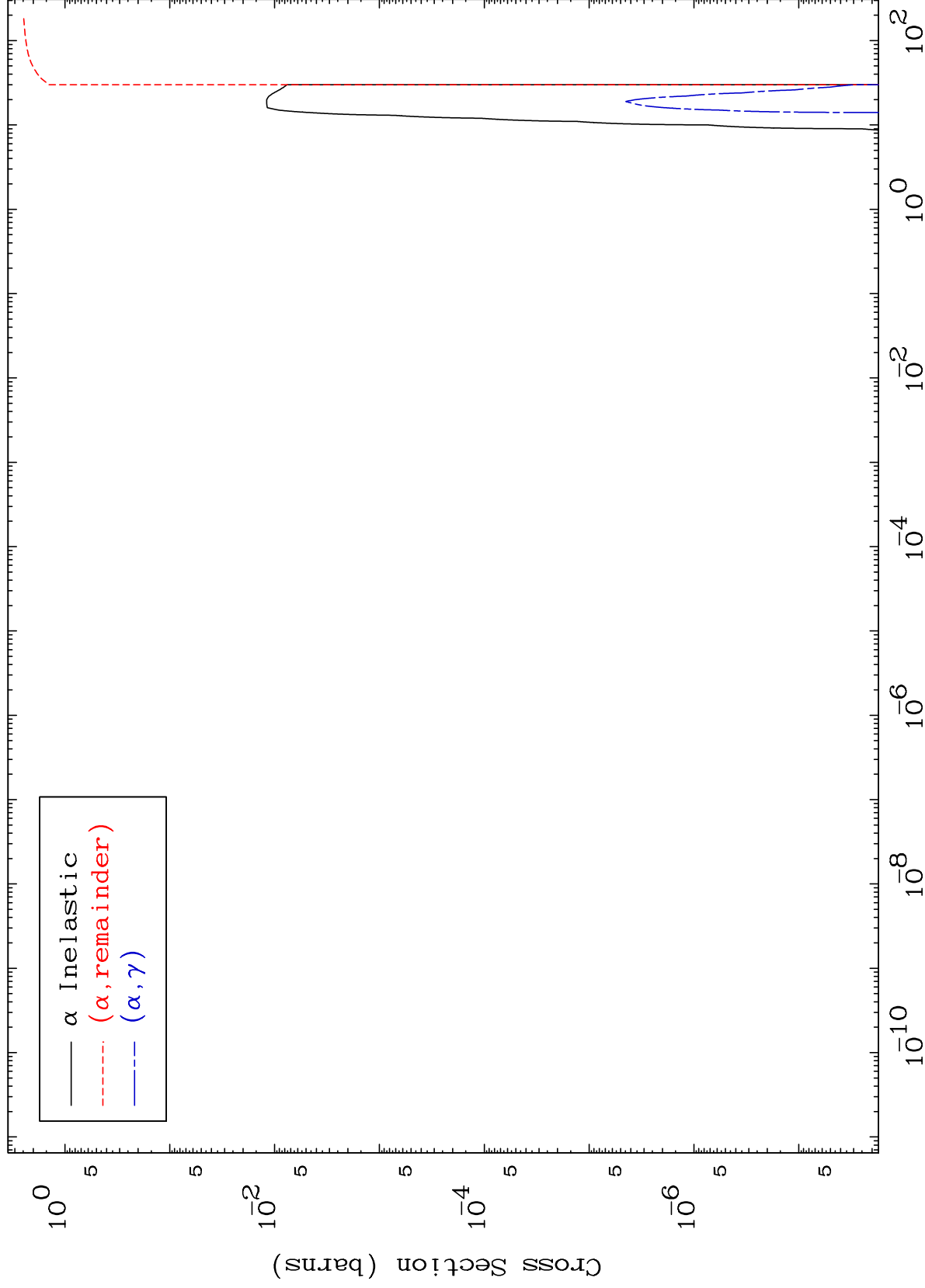
Press Mouse Button to Start

MAT 6167

α Major

61-Pm-153

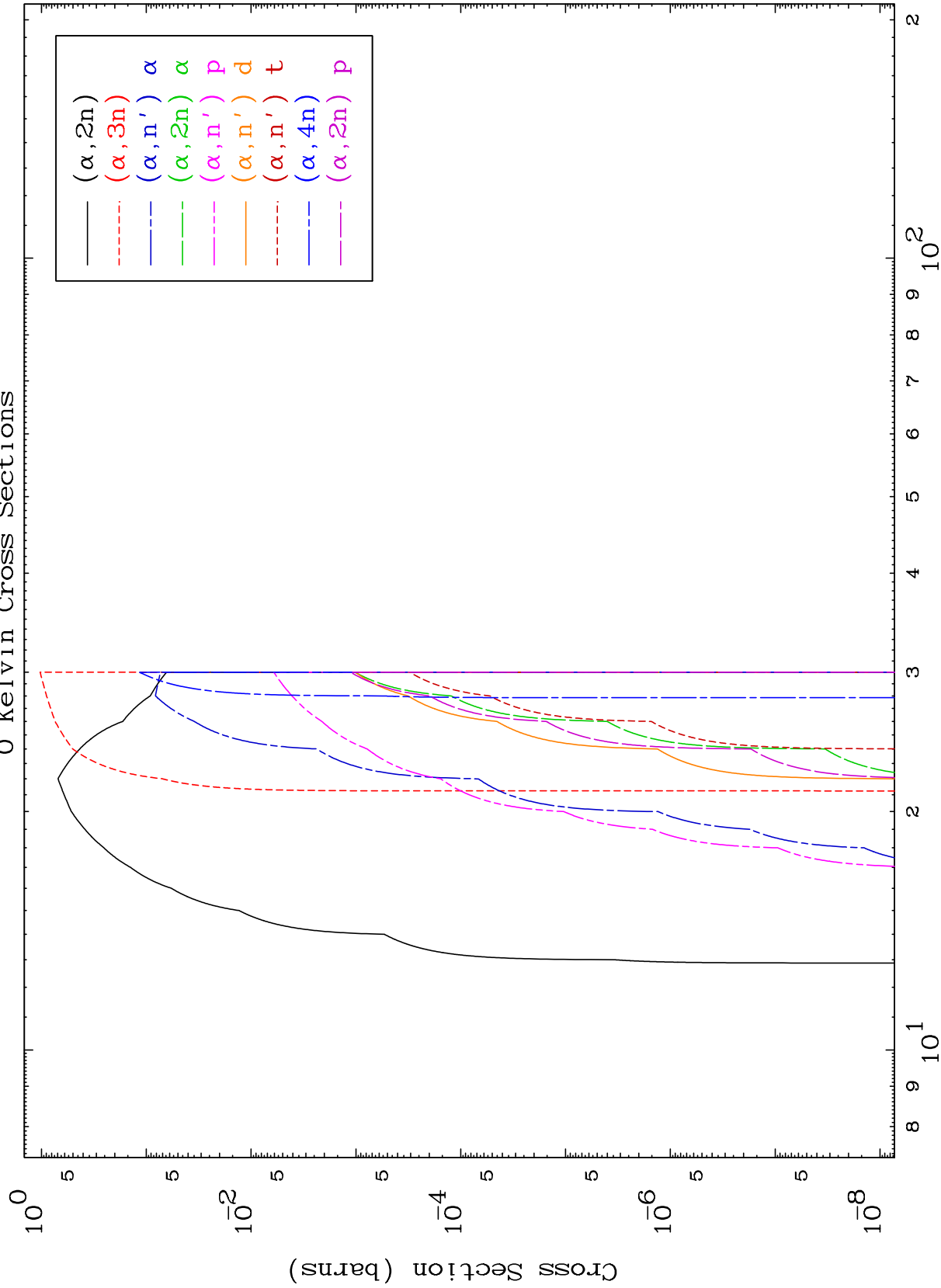
0 Kelvin Cross Sections

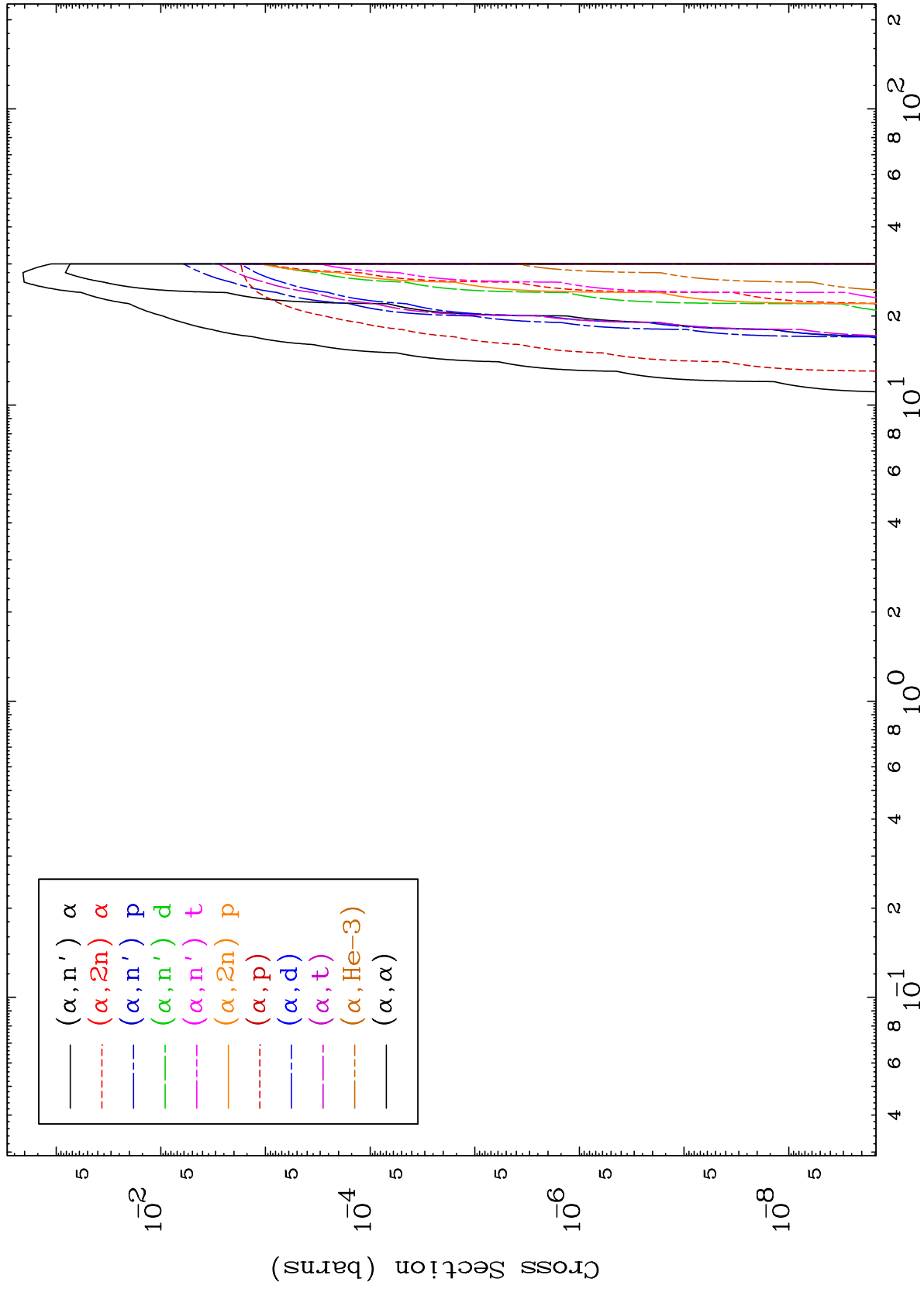


1

Incident Energy (MeV)

61-Pm-153

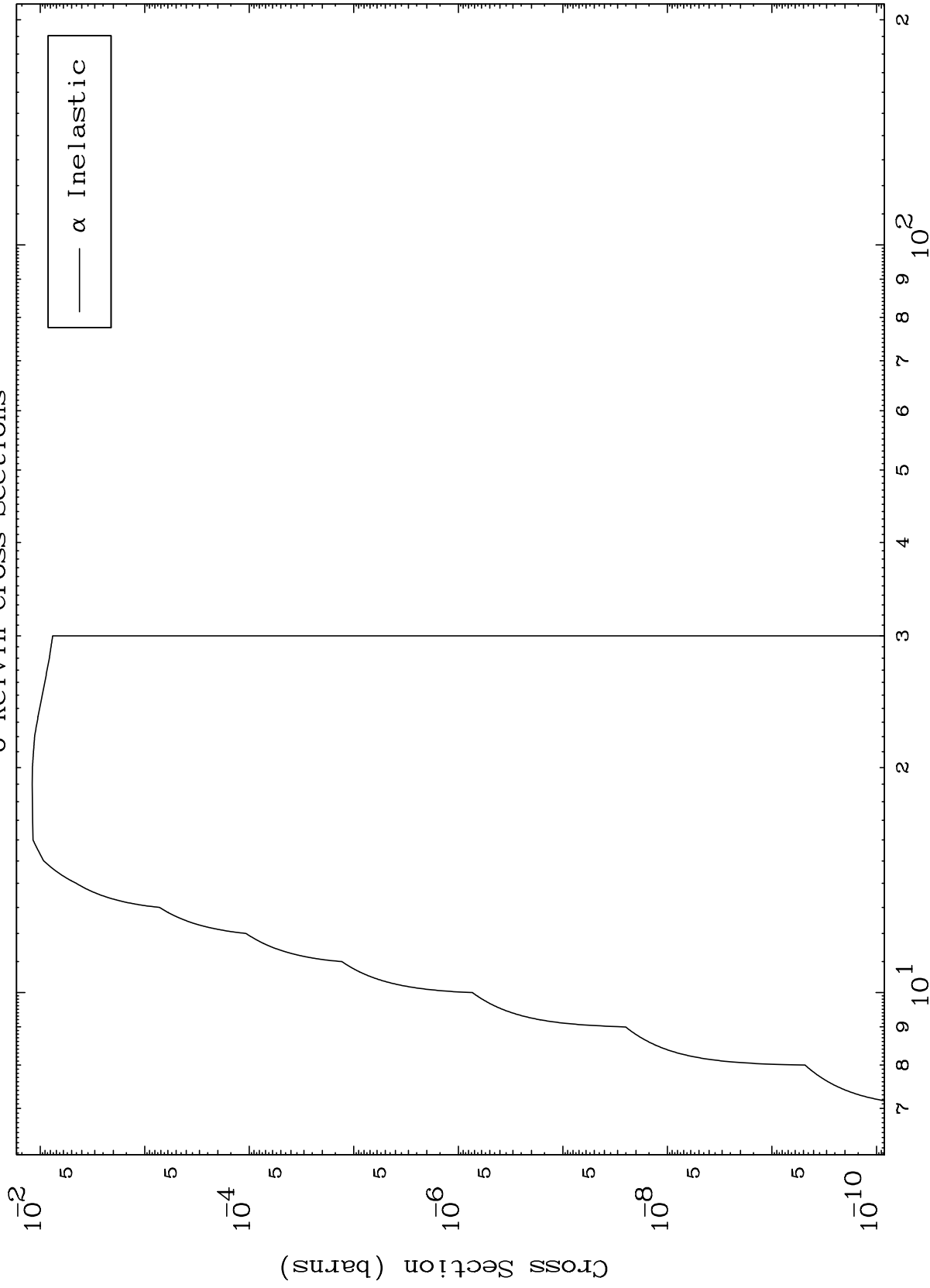




MAT 6167

61-Pm-153

(α, n') Level
0 Kelvin Cross Sections



4

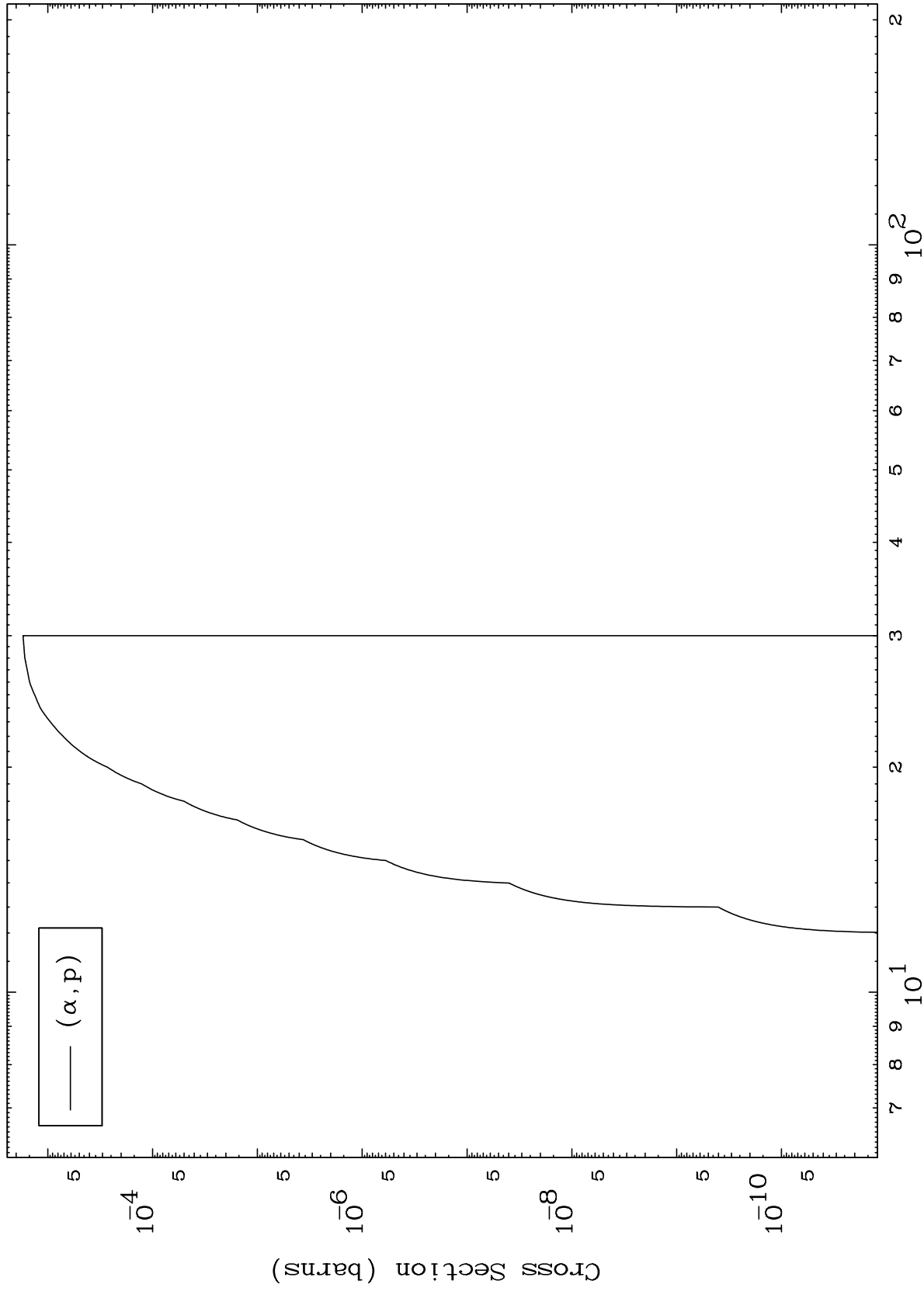
Incident Energy (MeV)

61-Pm-153

MAT 6167

61-Pm-153

(α ,p) Levels
0 Kelvin Cross Sections



5

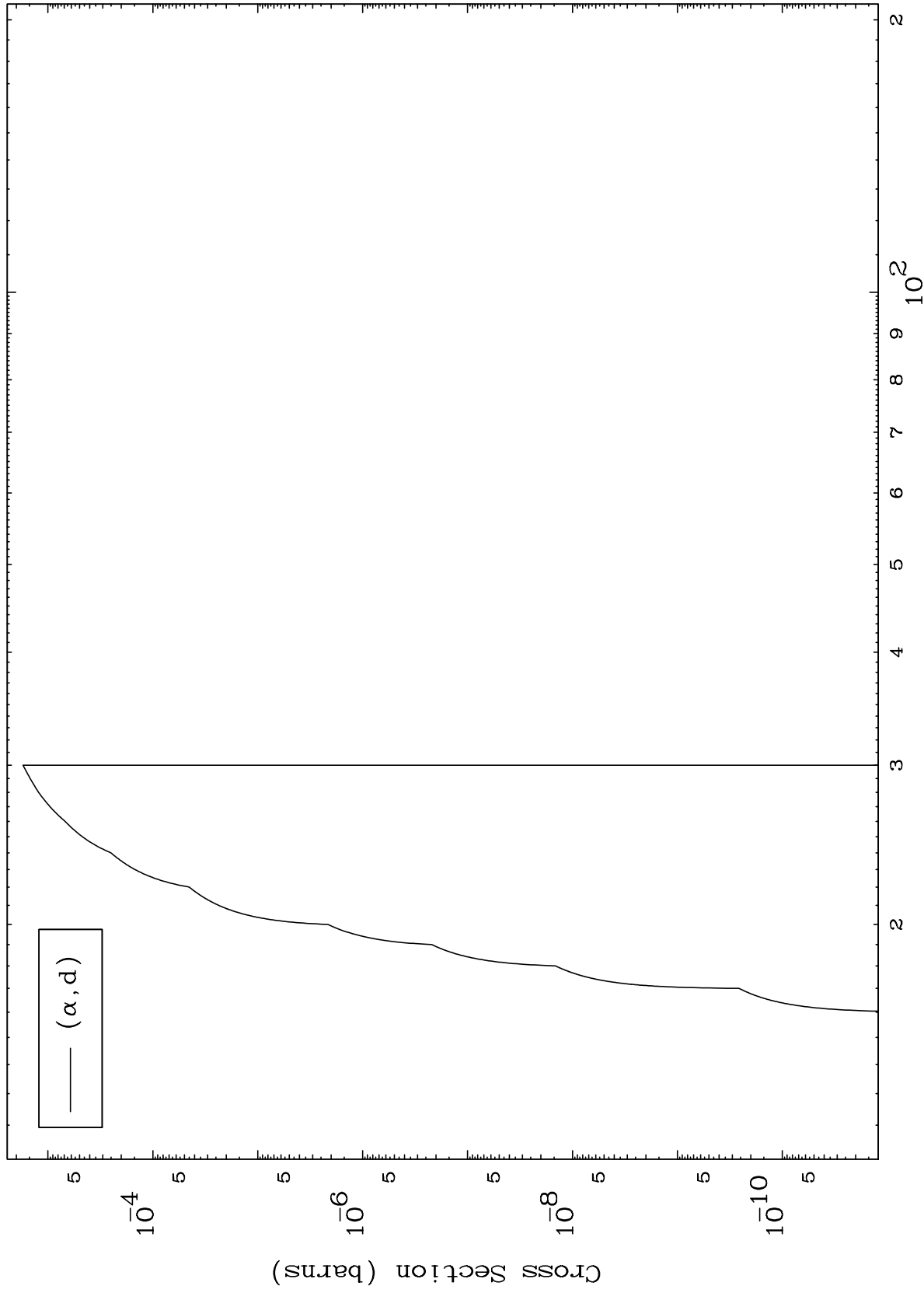
Incident Energy (MeV)

61-Pm-153

MAT 6167

61-Pm-153

(α ,d) Levels
0 Kelvin Cross Sections



6

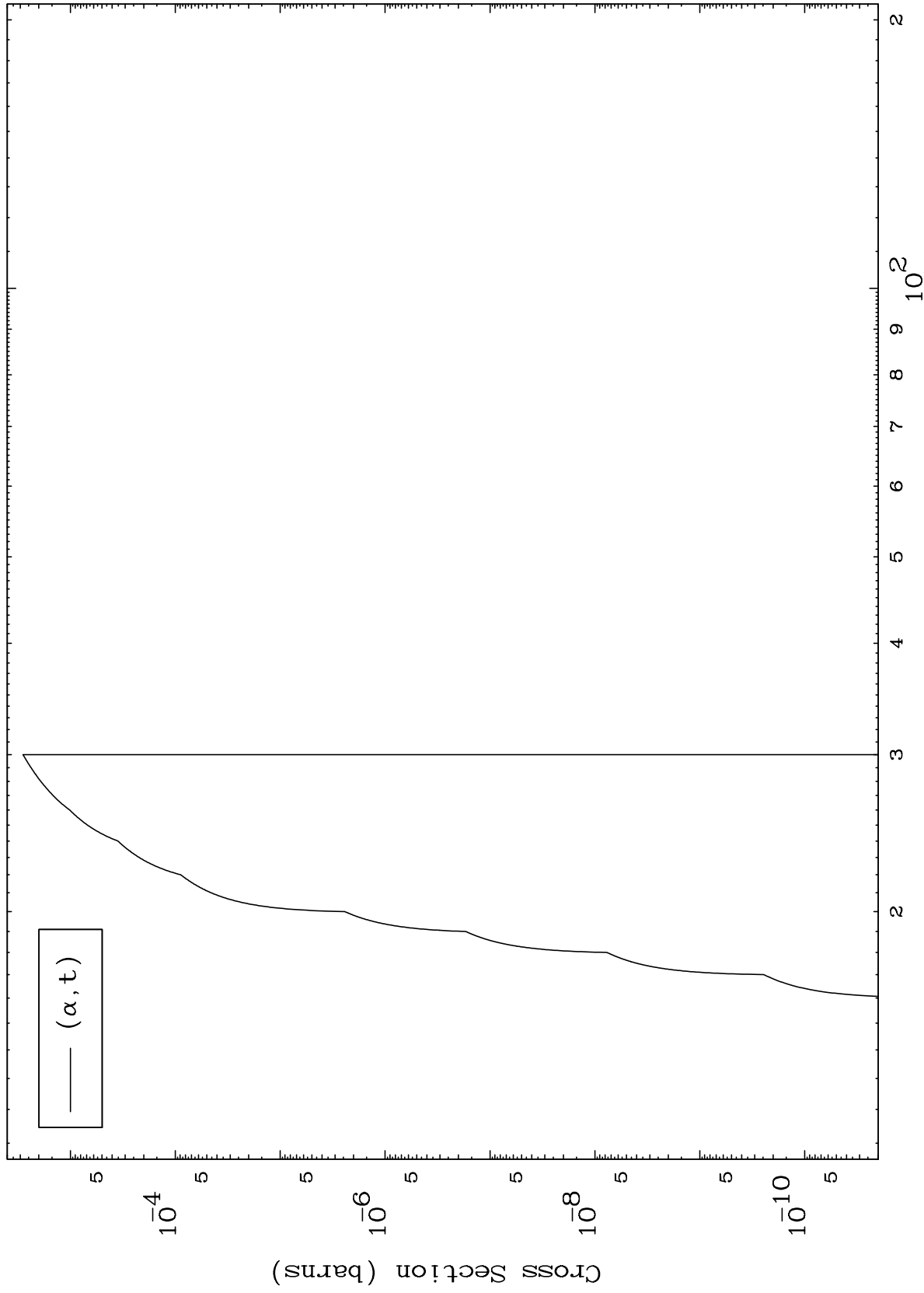
Incident Energy (MeV)

61-Pm-153

MAT 6167

61-Pm-153

(α, t) Levels
0 Kelvin Cross Sections



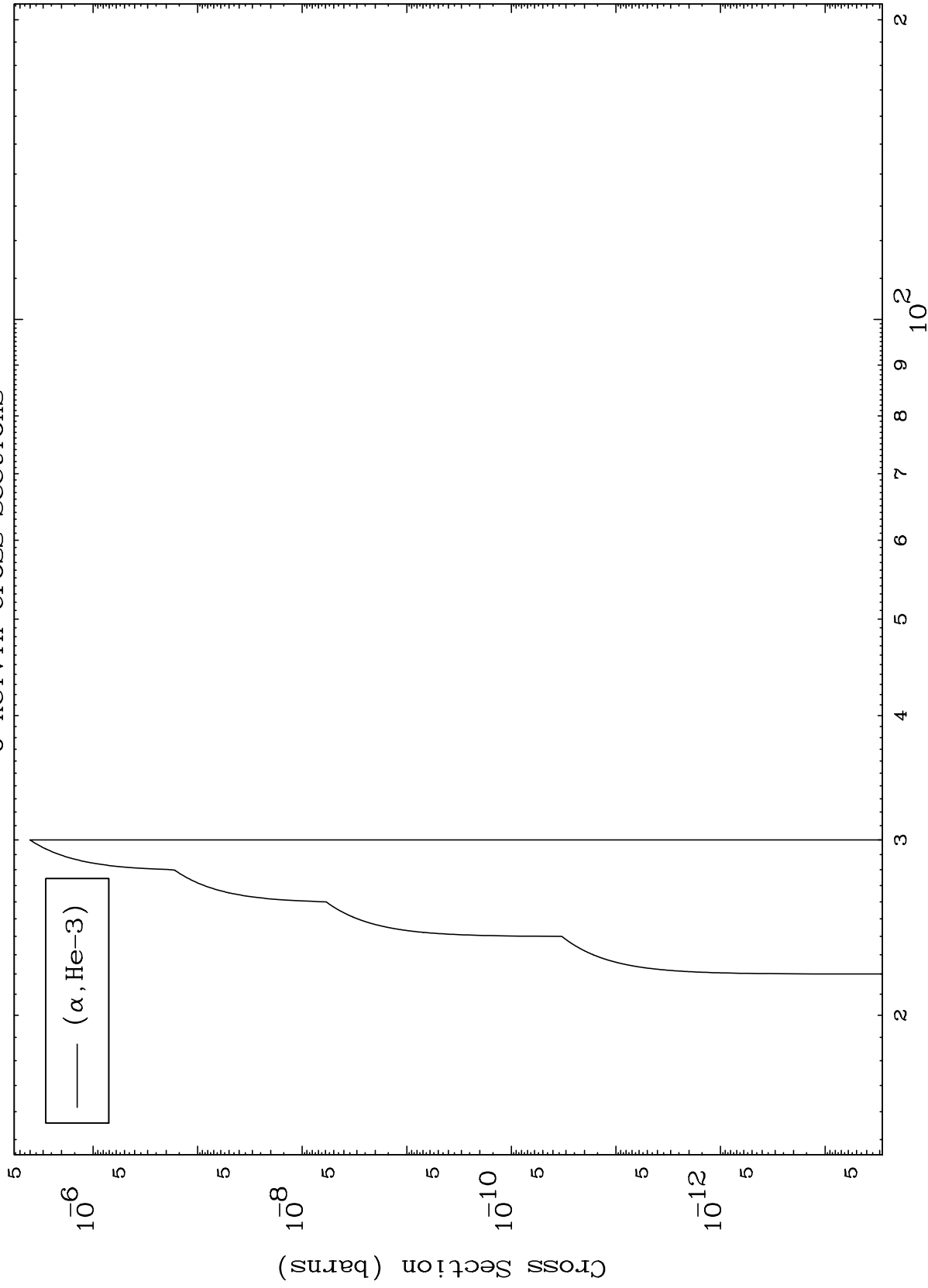
7

61-Pm-153

MAT 6167

61-Pm-153

(α ,He3) Levels
0 Kelvin Cross Sections



8

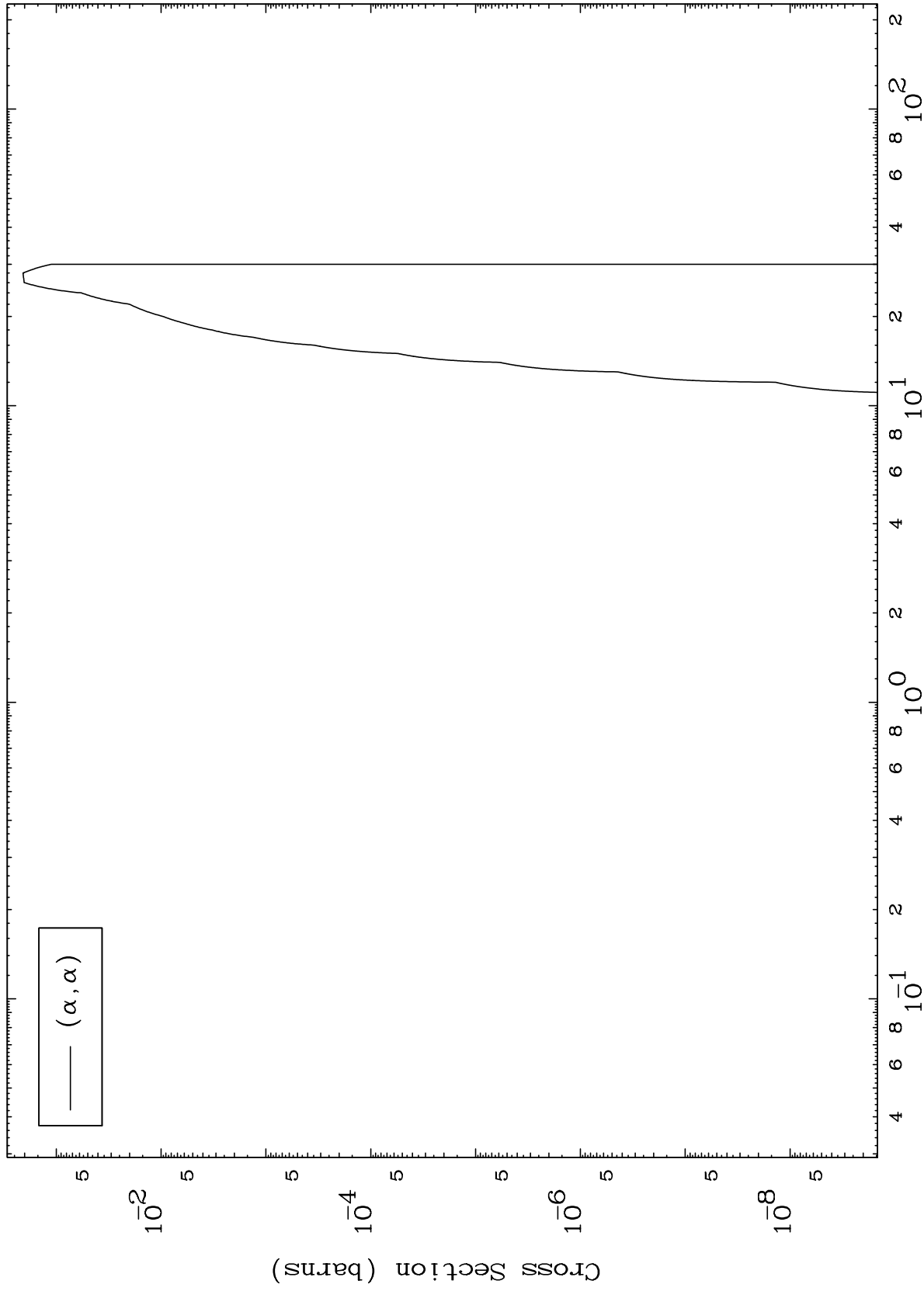
Incident Energy (MeV)

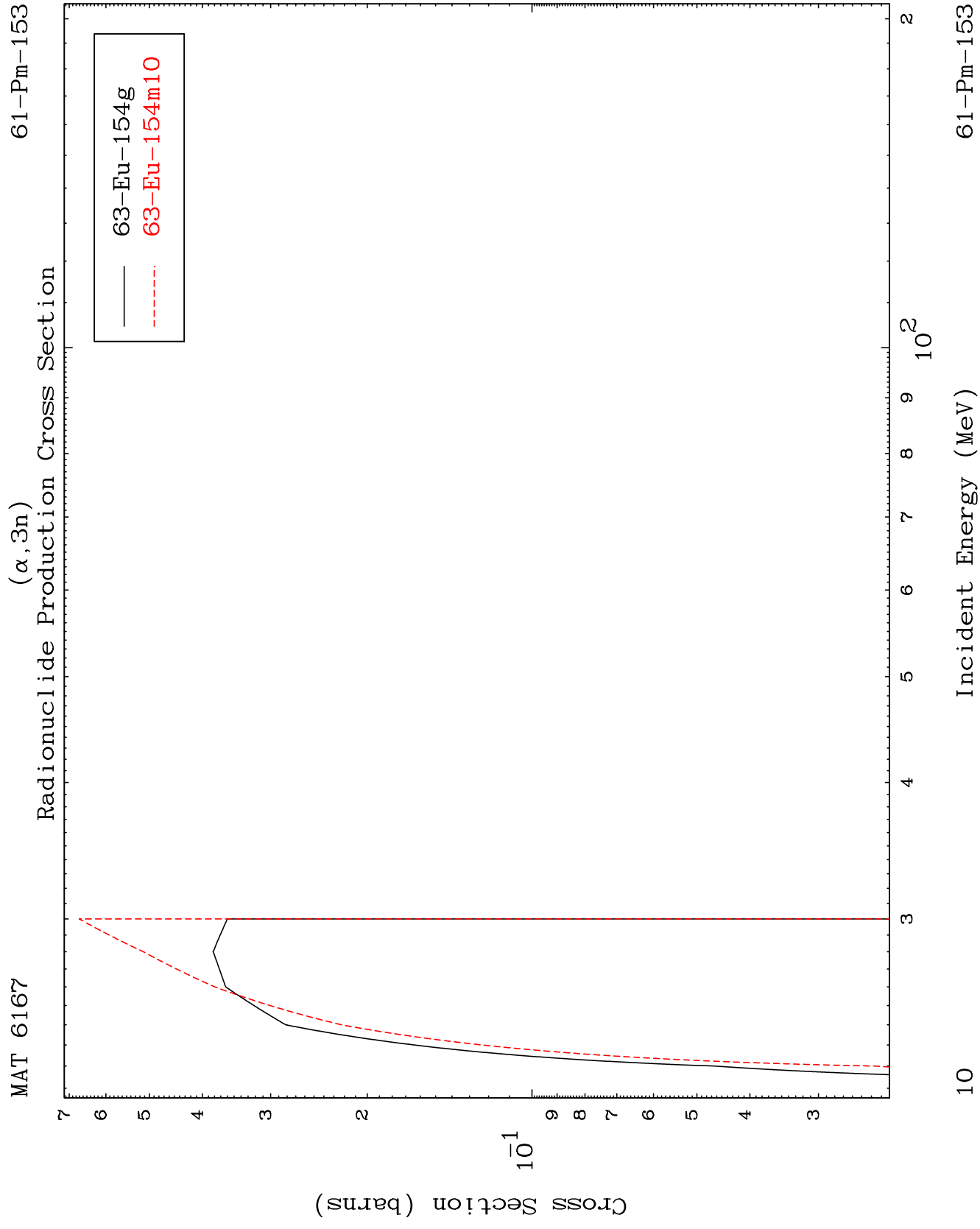
61-Pm-153

MAT 6167

61-Pm-153

(α, α) Levels
0 Kelvin Cross Sections

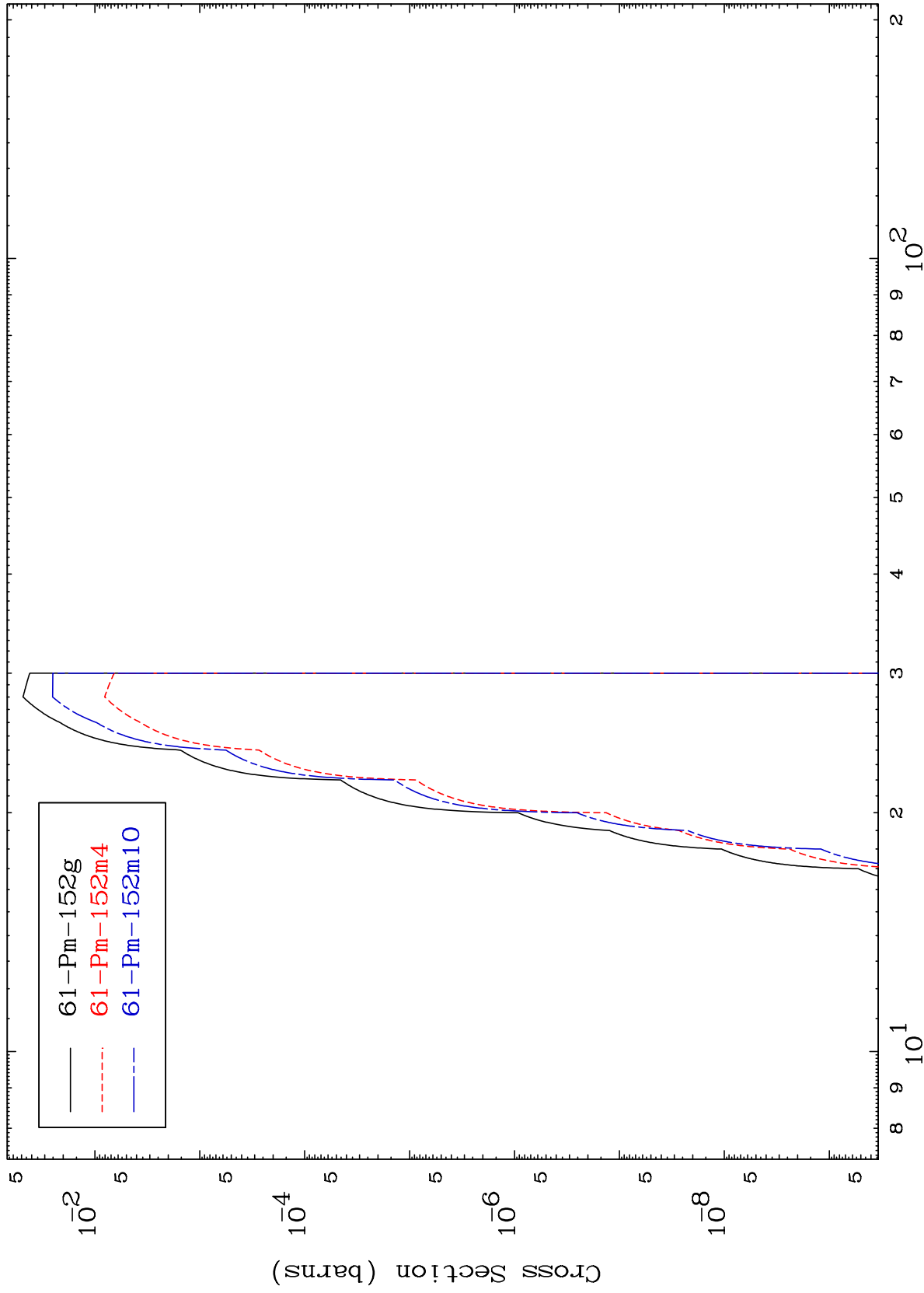




MAT 6167

61-Pm-153

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



11

Incident Energy (MeV)

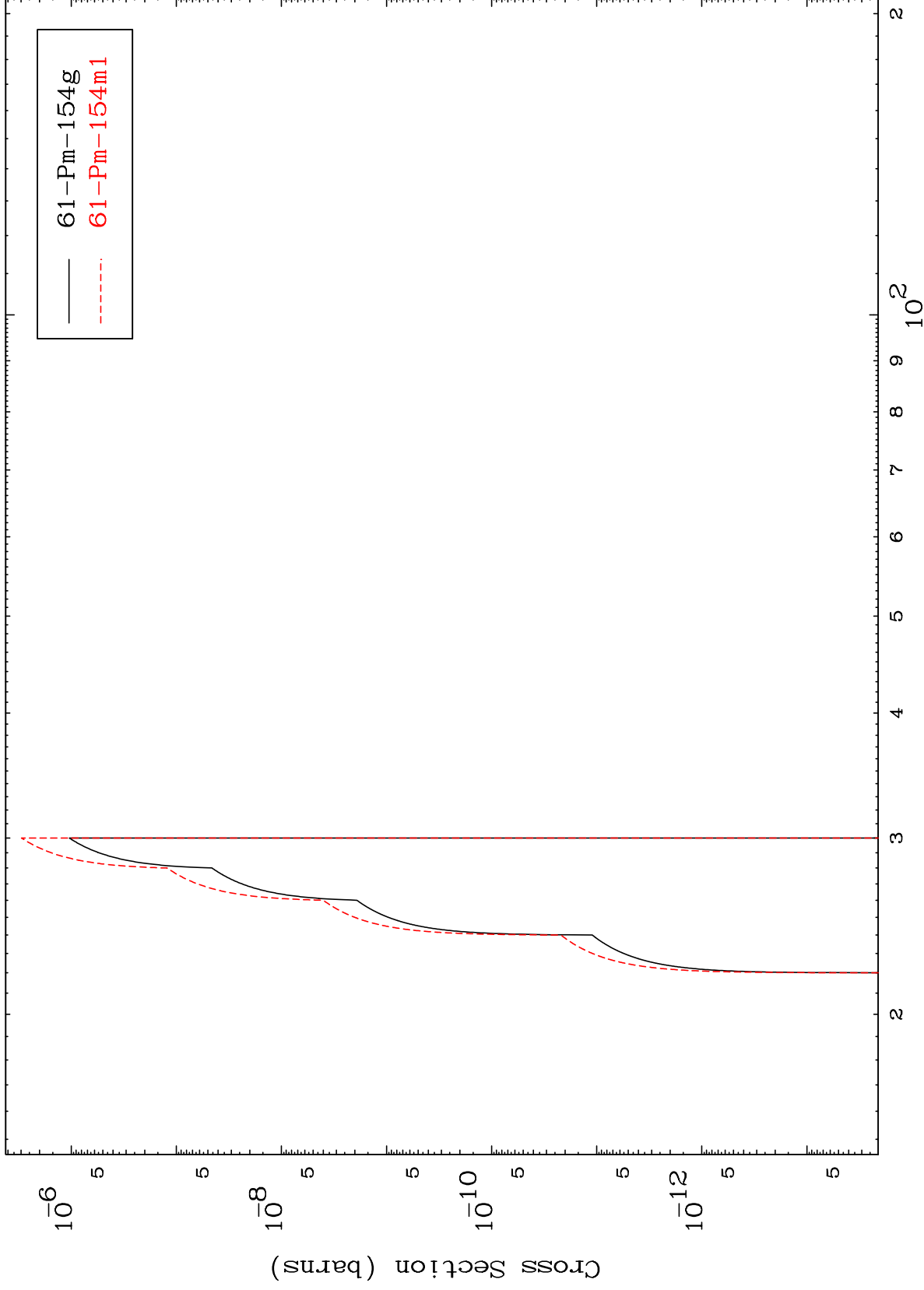
61-Pm-153

MAT 6167

(α ,He-3)

61-Pm-153

Radionuclide Production Cross Section



12

Incident Energy (MeV)

61-Pm-153