

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

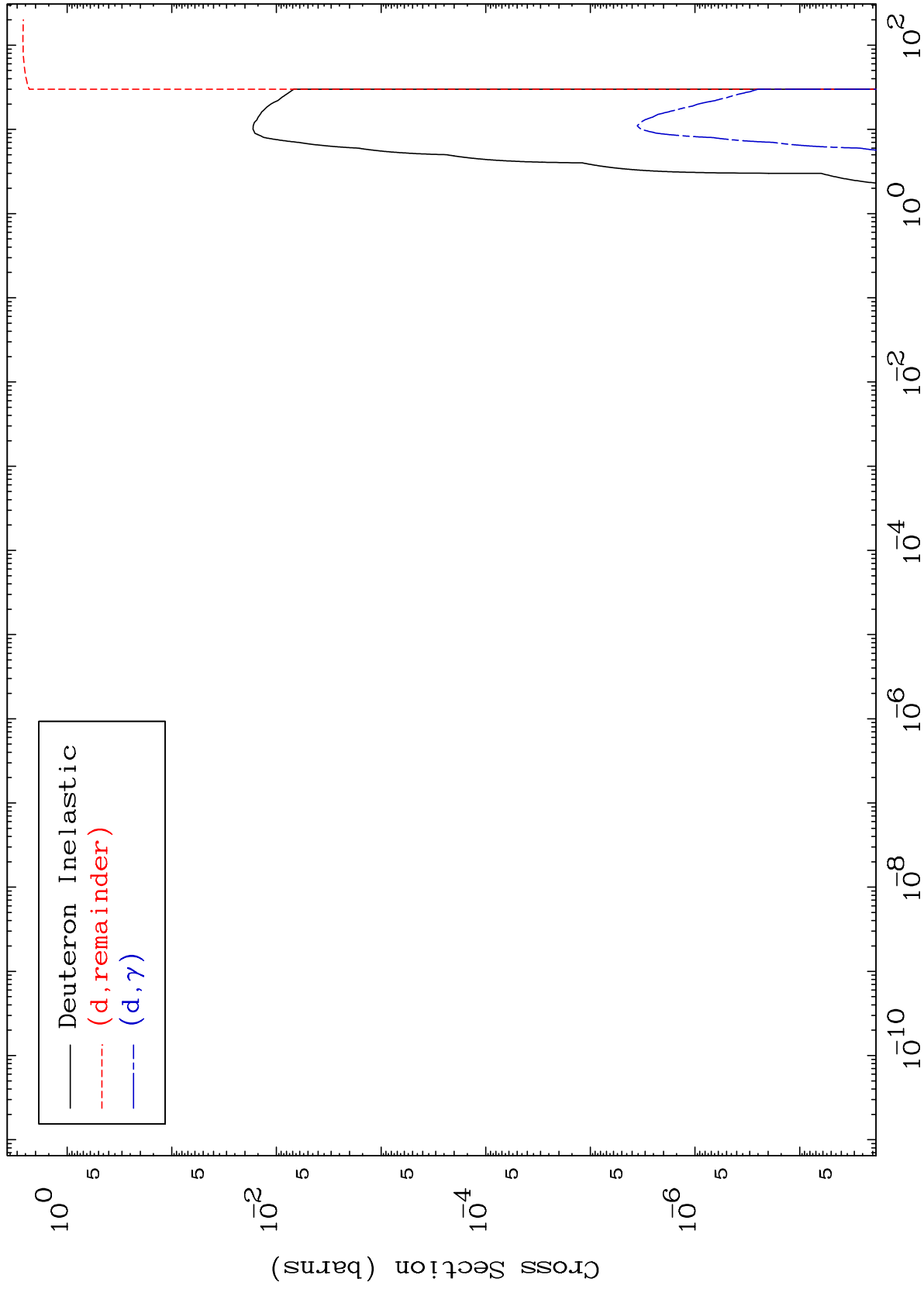
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6153

Deuteron Major
0 Kelvin Cross Sections

61-Pm-148



1

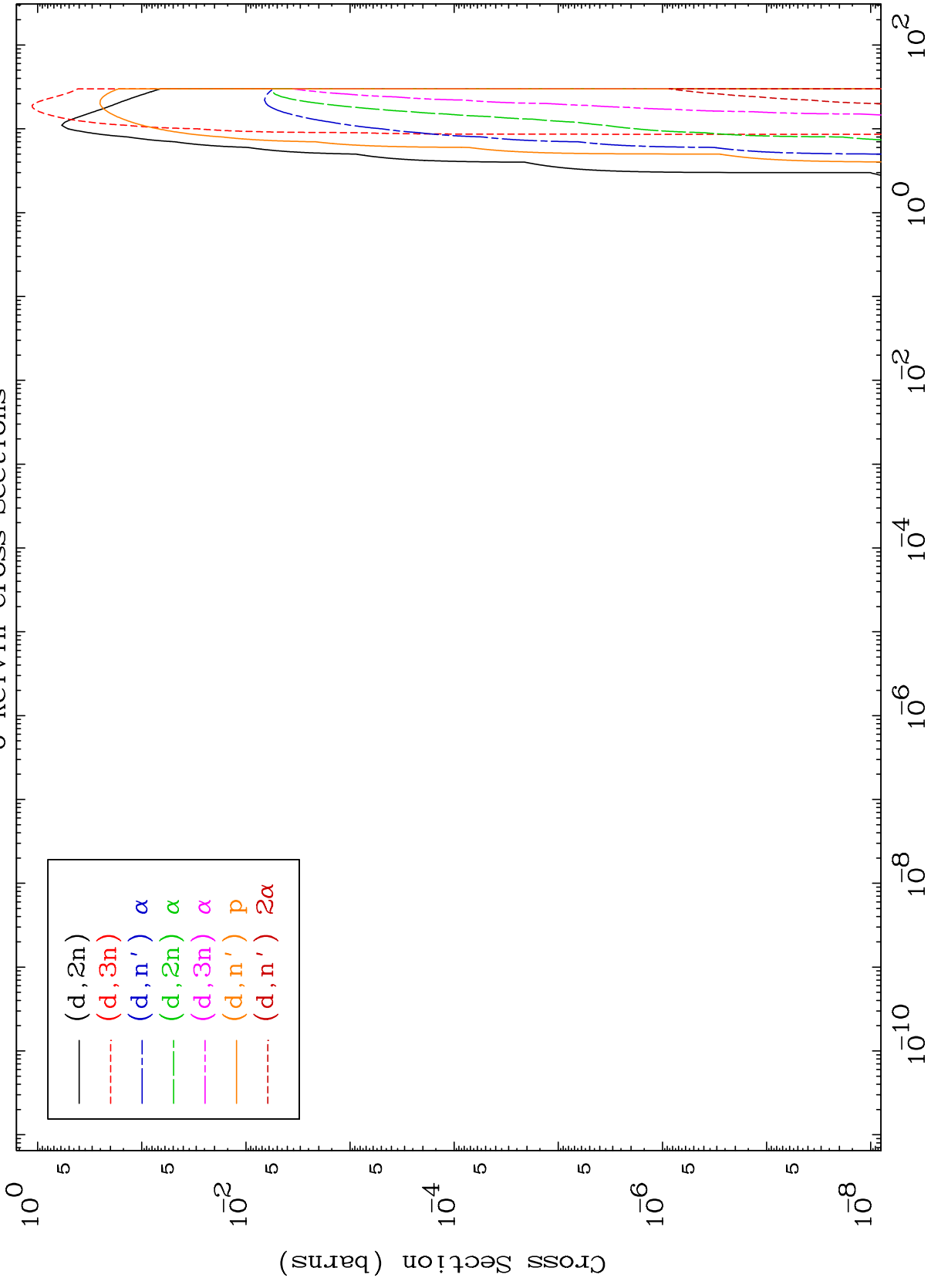
Incident Energy (MeV)

61-Pm-148

MAT 6153

Deuteron Neutron Production
0 Kelvin Cross Sections

61-Pm-148

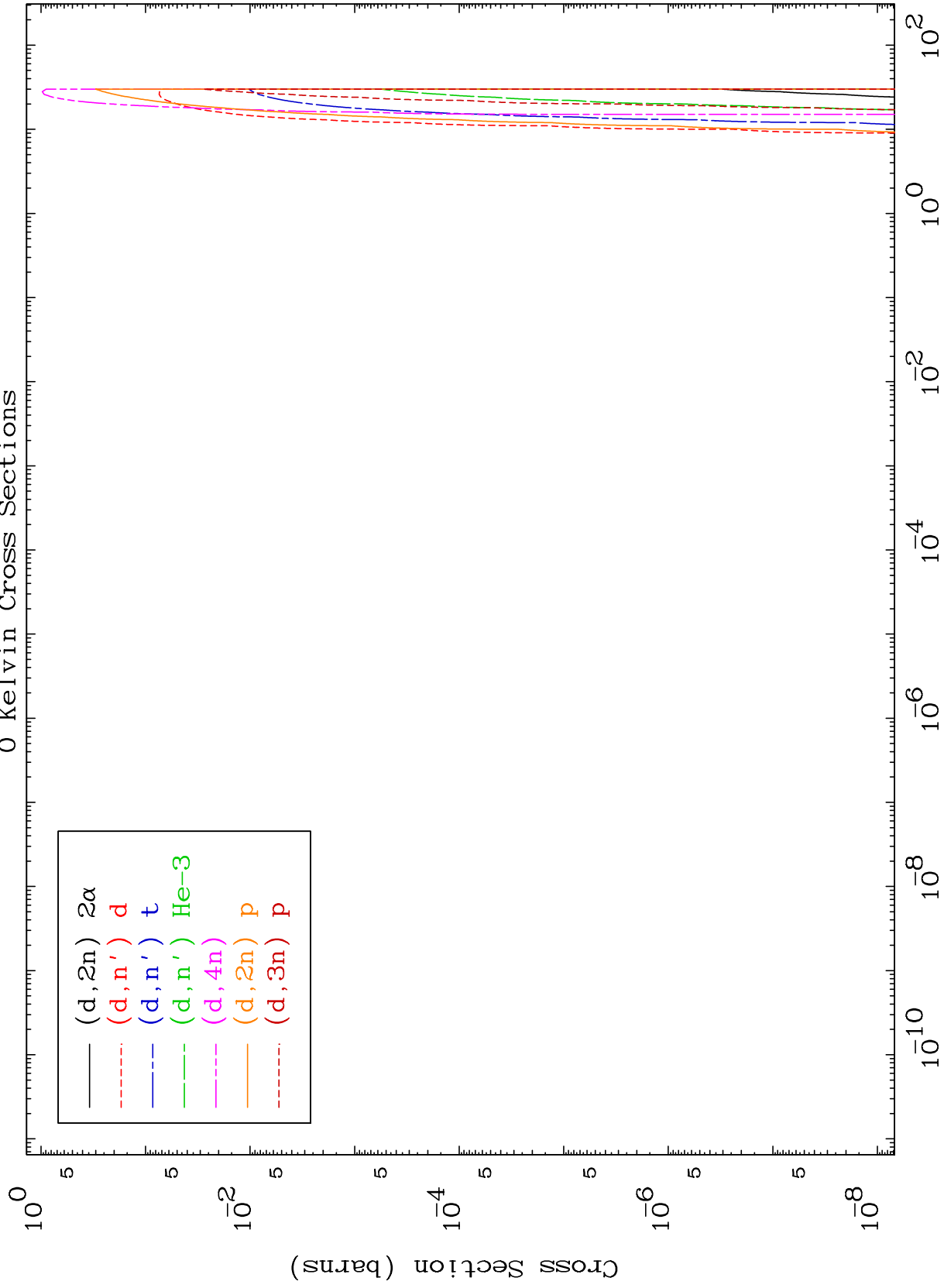


61-Pm-148

MAT 6153

Deuteron Neutron Production
0 Kelvin Cross Sections

61-Pm-148



3

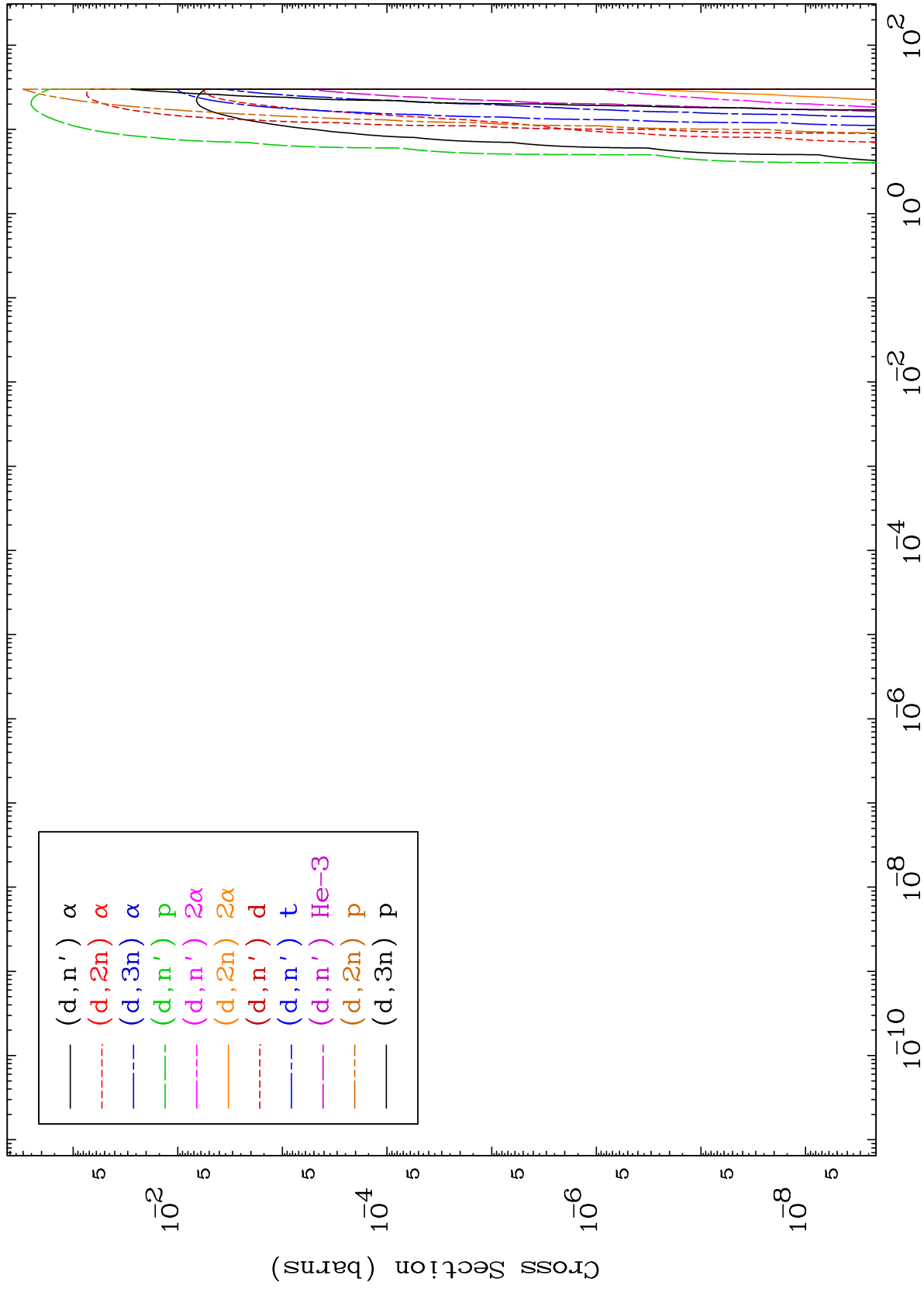
Incident Energy (MeV)

61-Pm-148

MAT 6153

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-148

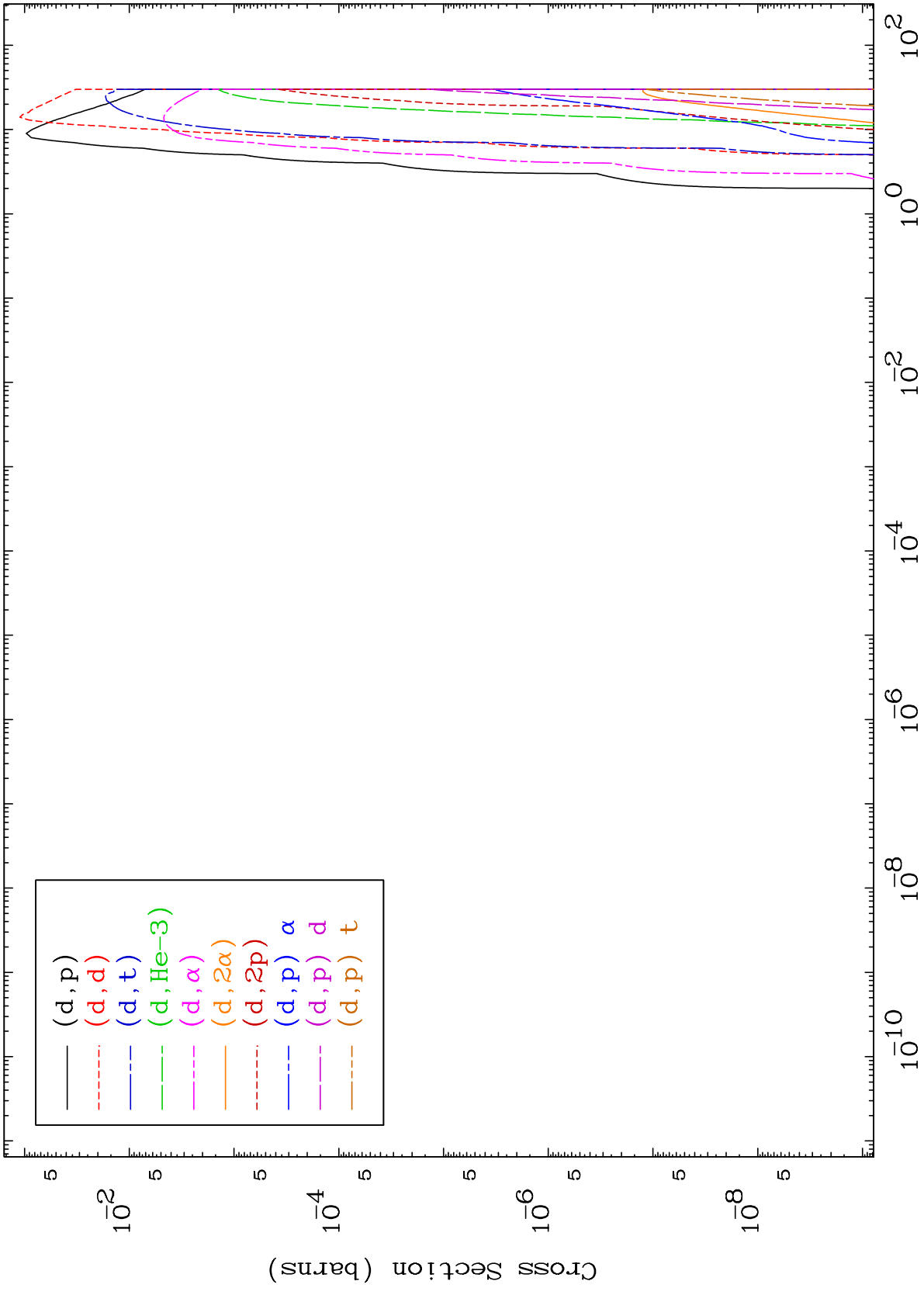


61-Pm-148

MAT 6153

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-148



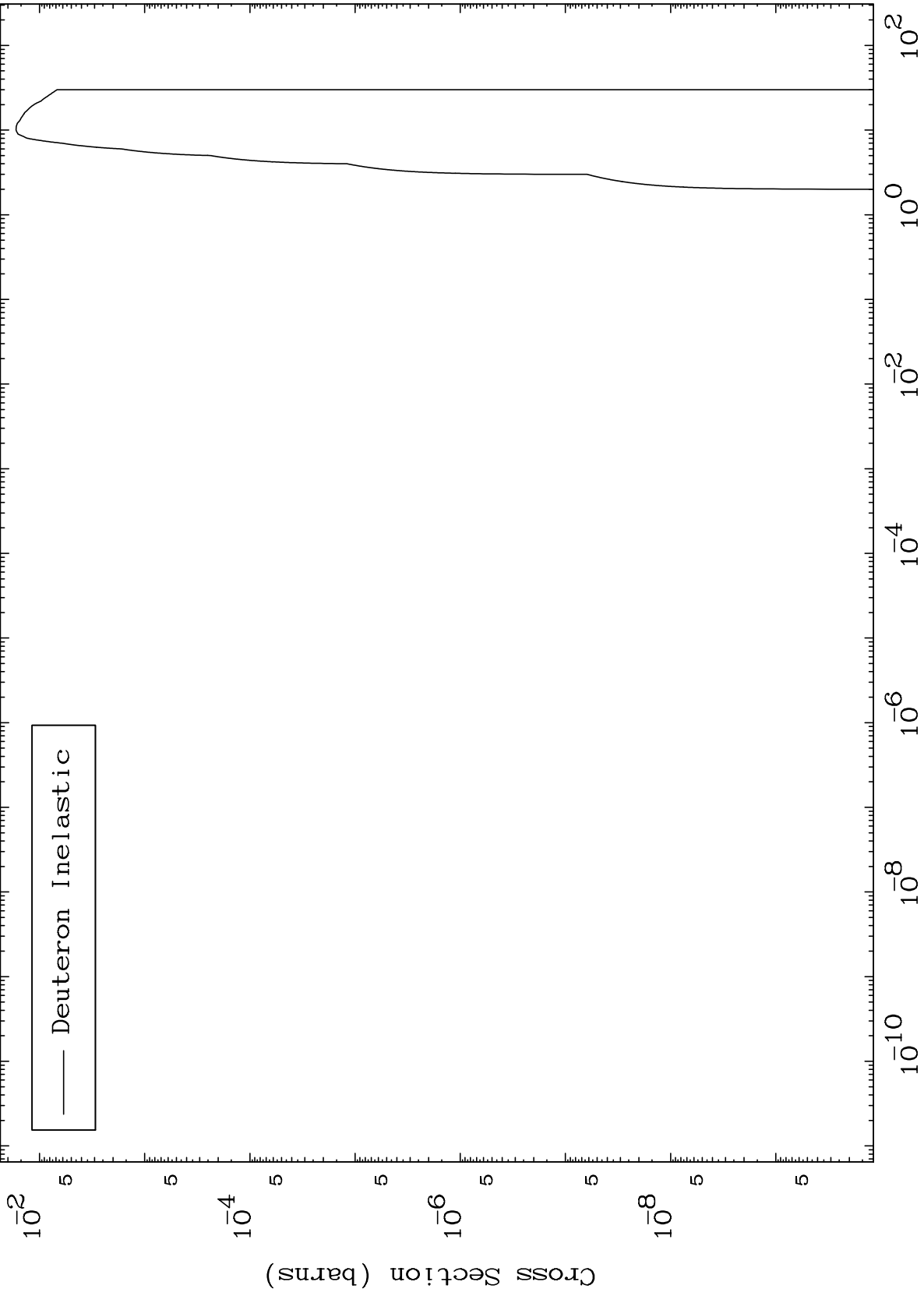
5

61-Pm-148

MAT 6153

(d,n') Level
0 Kelvin Cross Sections

61-Pm-148

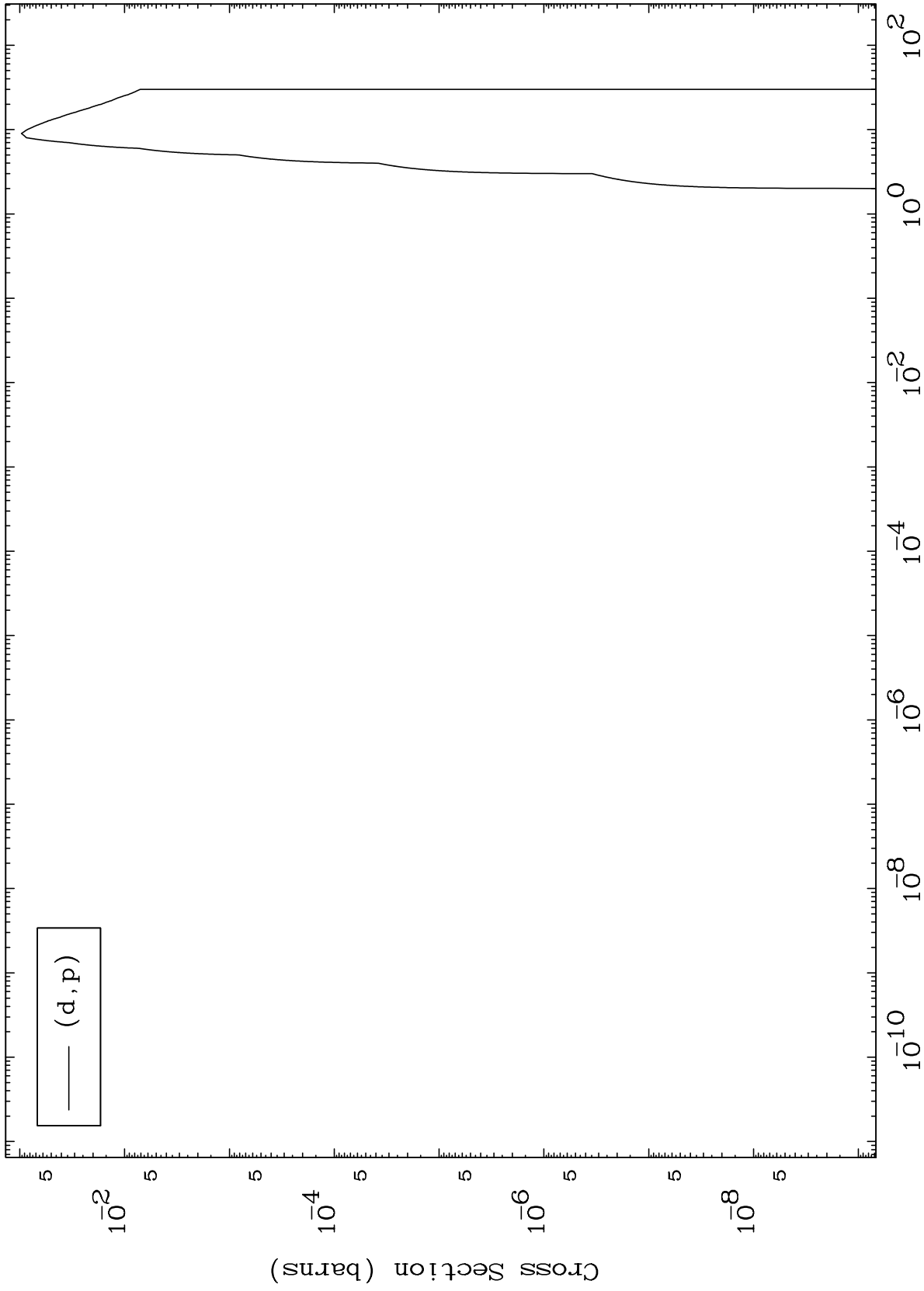


— Deuteron Inelastic

MAT 6153

(d,p) Levels
0 Kelvin Cross Sections

61-Pm-148



7

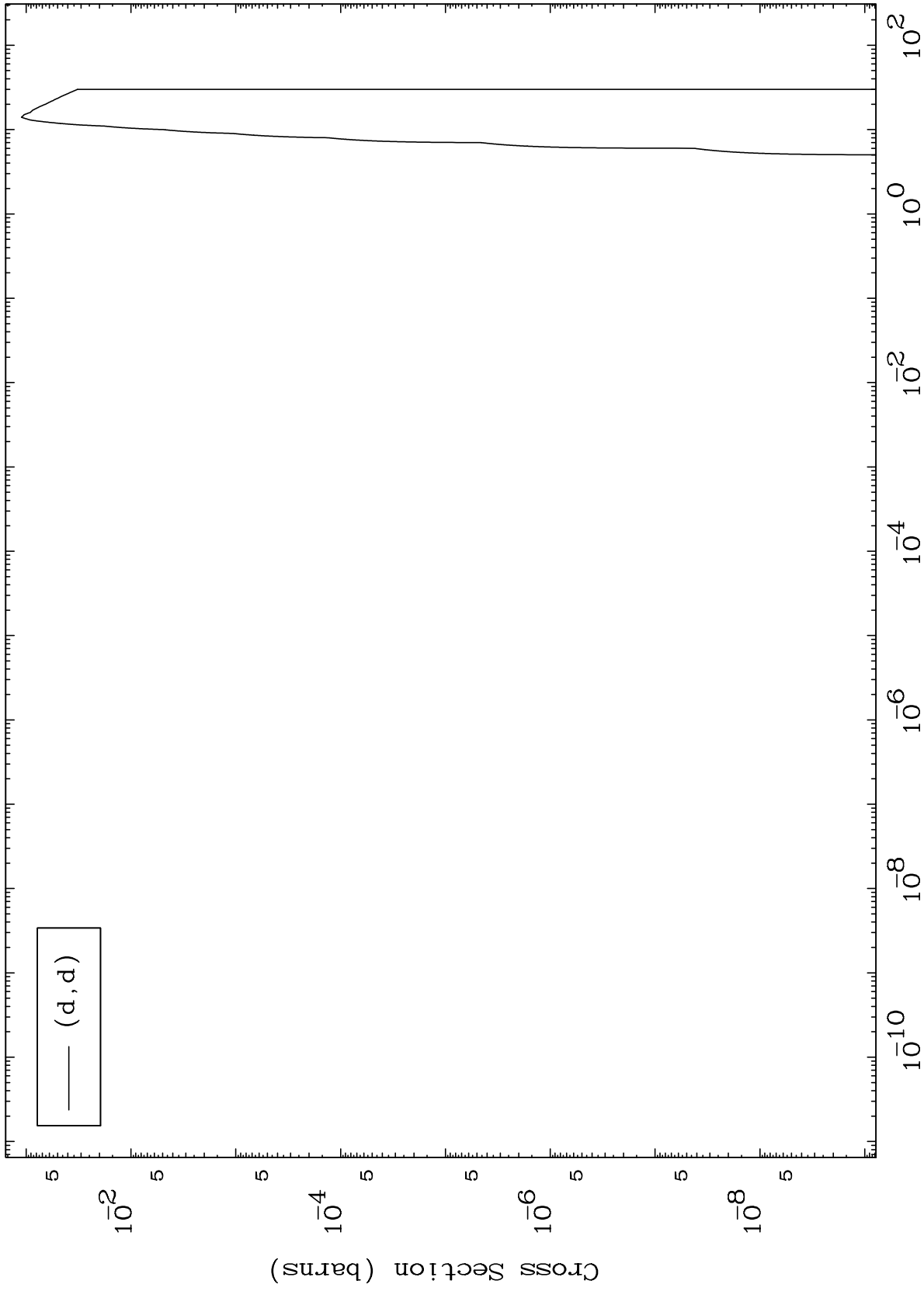
Incident Energy (MeV)

61-Pm-148

MAT 6153

(d,d) Levels
0 Kelvin Cross Sections

61-Pm-148



8

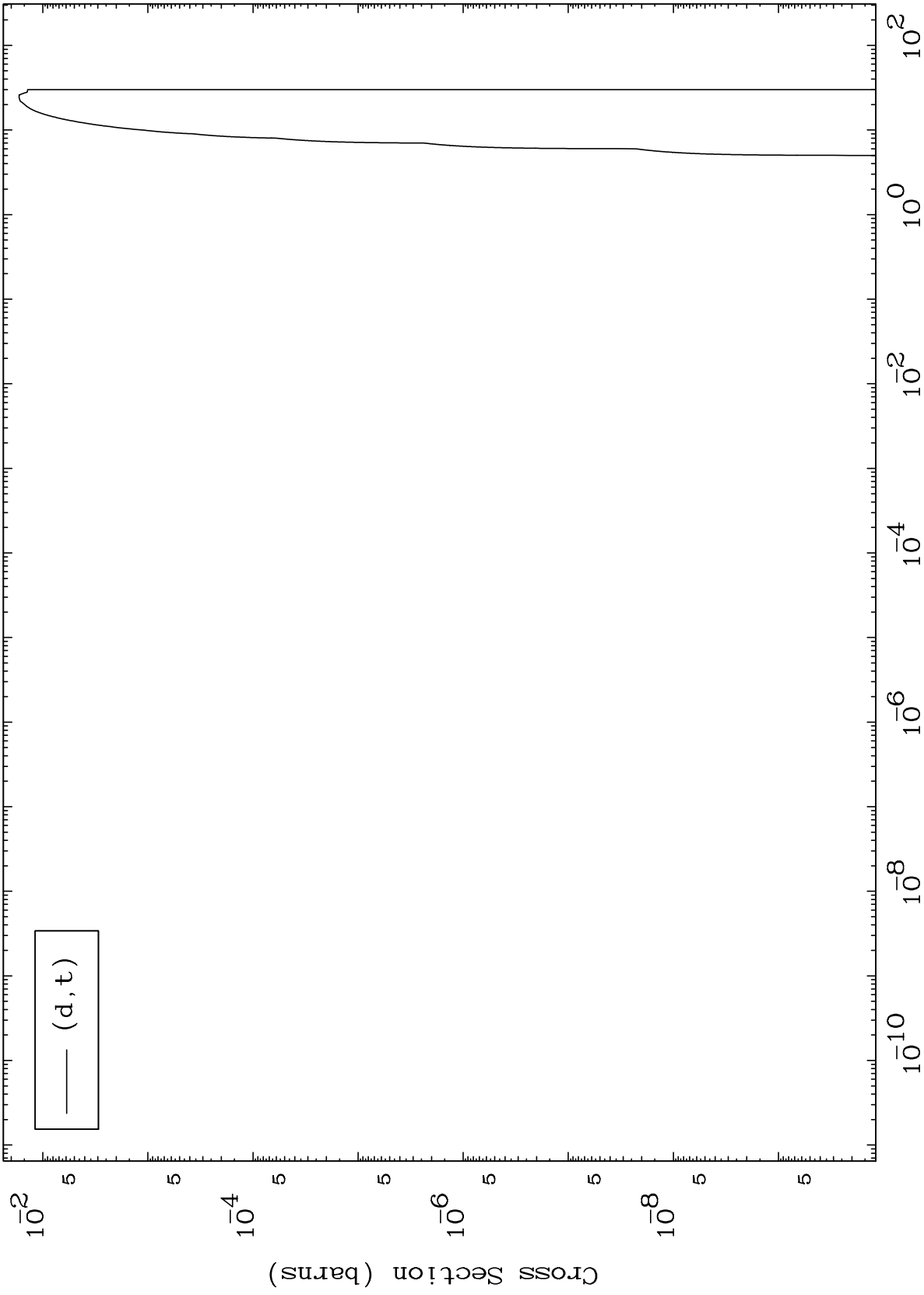
Incident Energy (MeV)

61-Pm-148

MAT 6153

(d,t) Levels
0 Kelvin Cross Sections

61-Pm-148



9

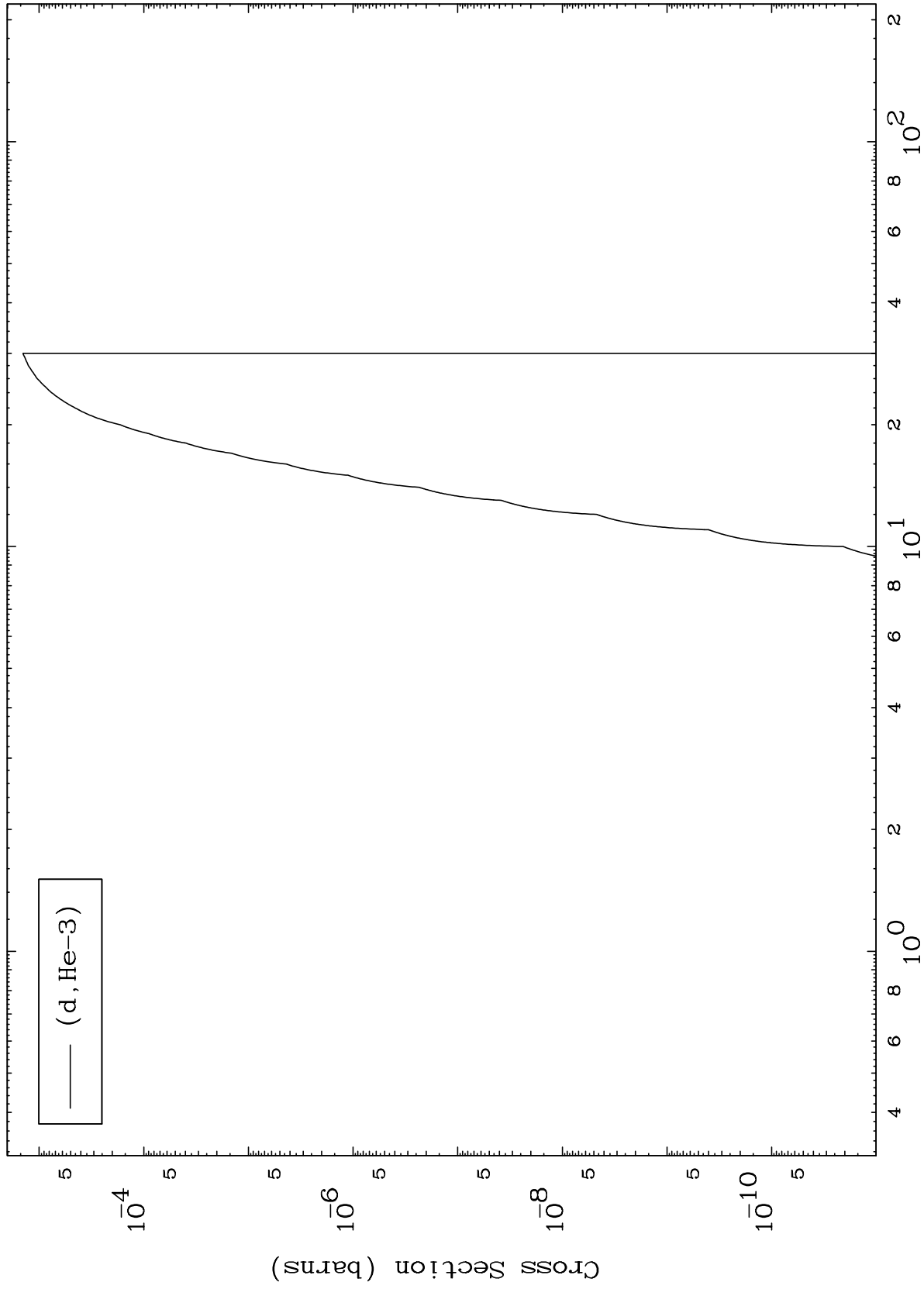
Incident Energy (MeV)

61-Pm-148

MAT 6153

(d,He3) Levels
0 Kelvin Cross Sections

61-Pm-148



10

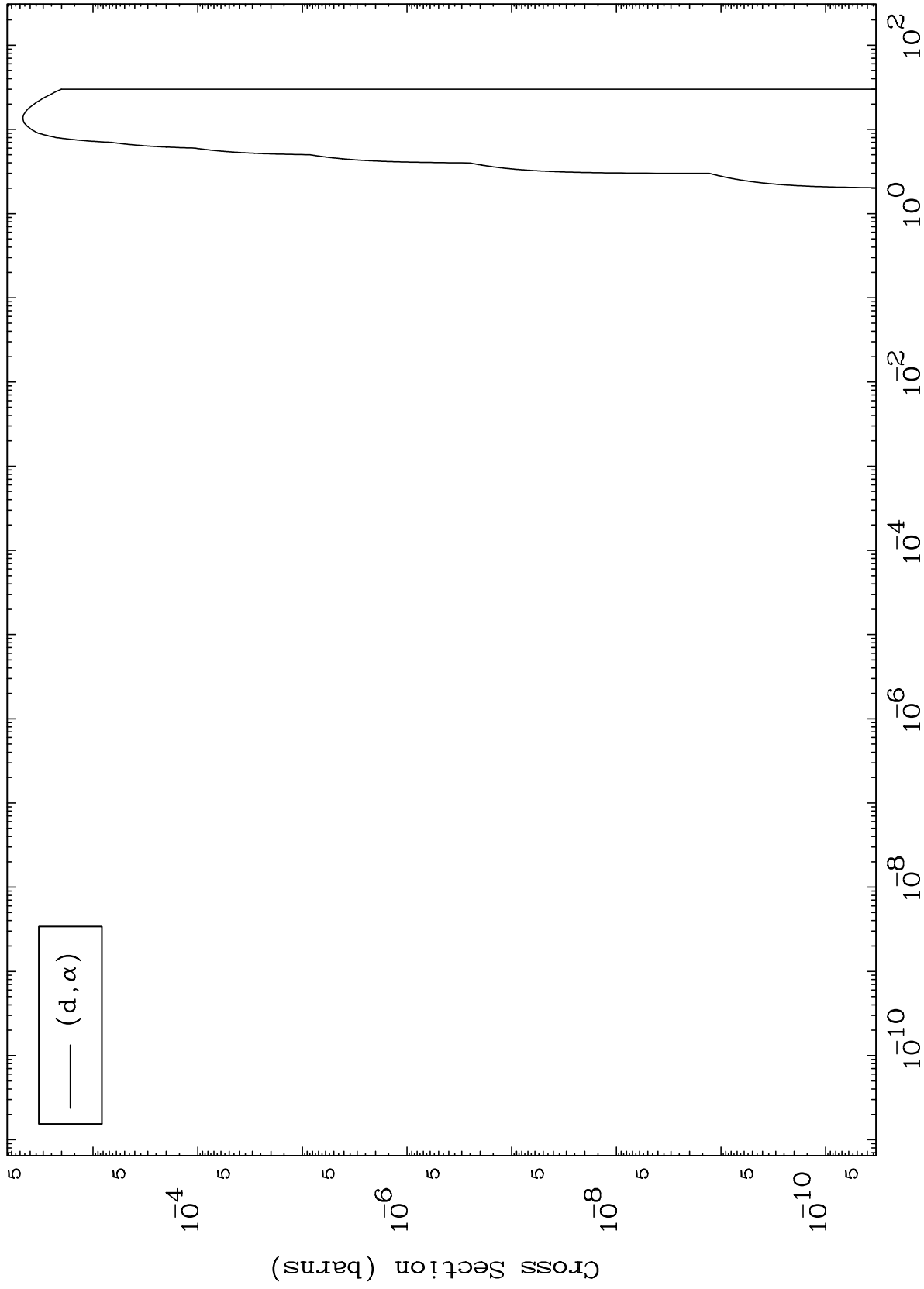
Incident Energy (MeV)

61-Pm-148

MAT 6153

(d,α) Levels
0 Kelvin Cross Sections

61-Pm-148



11

Incident Energy (MeV)

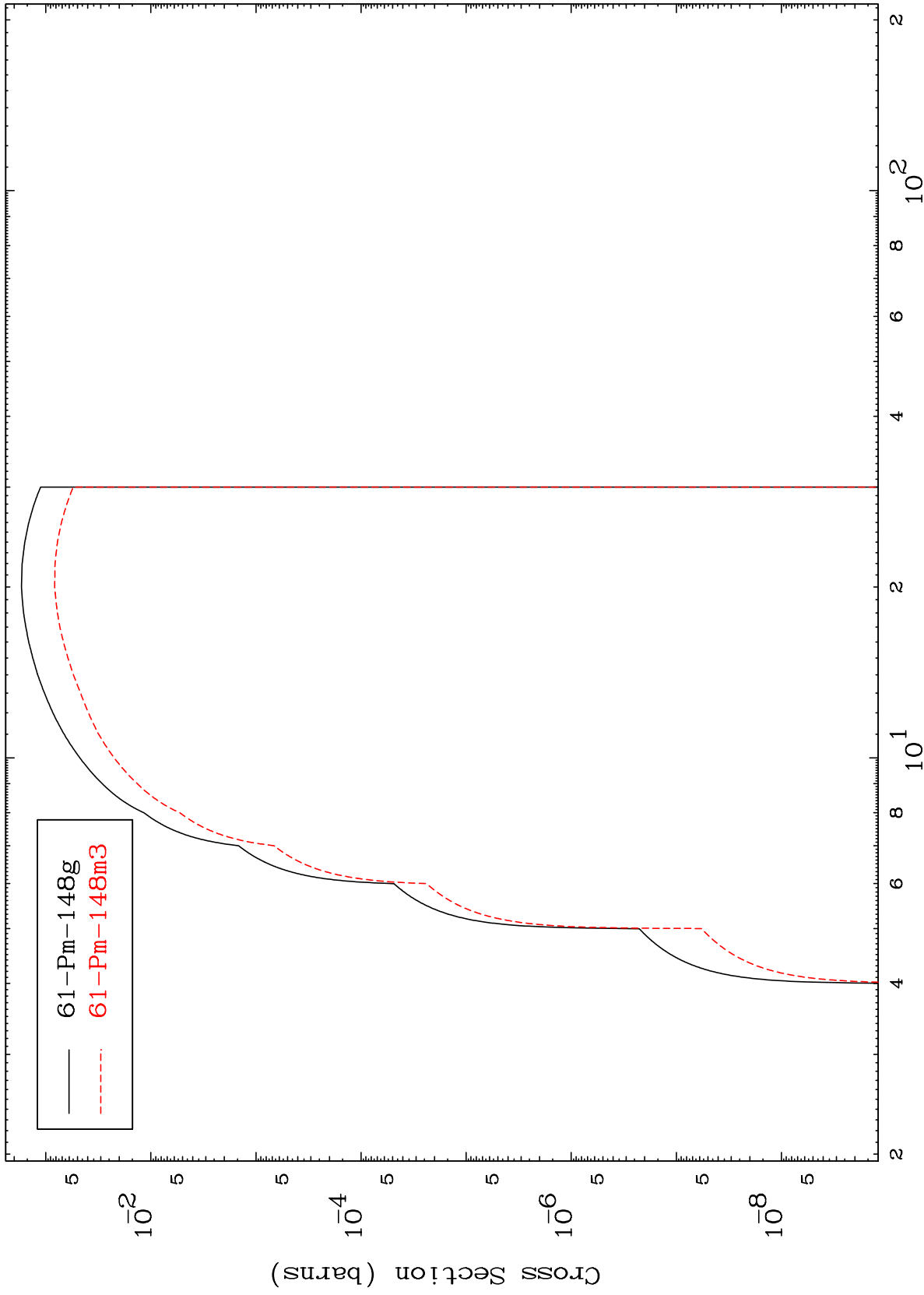
61-Pm-148

MAT 6153

(d,n') p

61-Pm-148

Radionuclide Production Cross Section



12

Incident Energy (MeV)

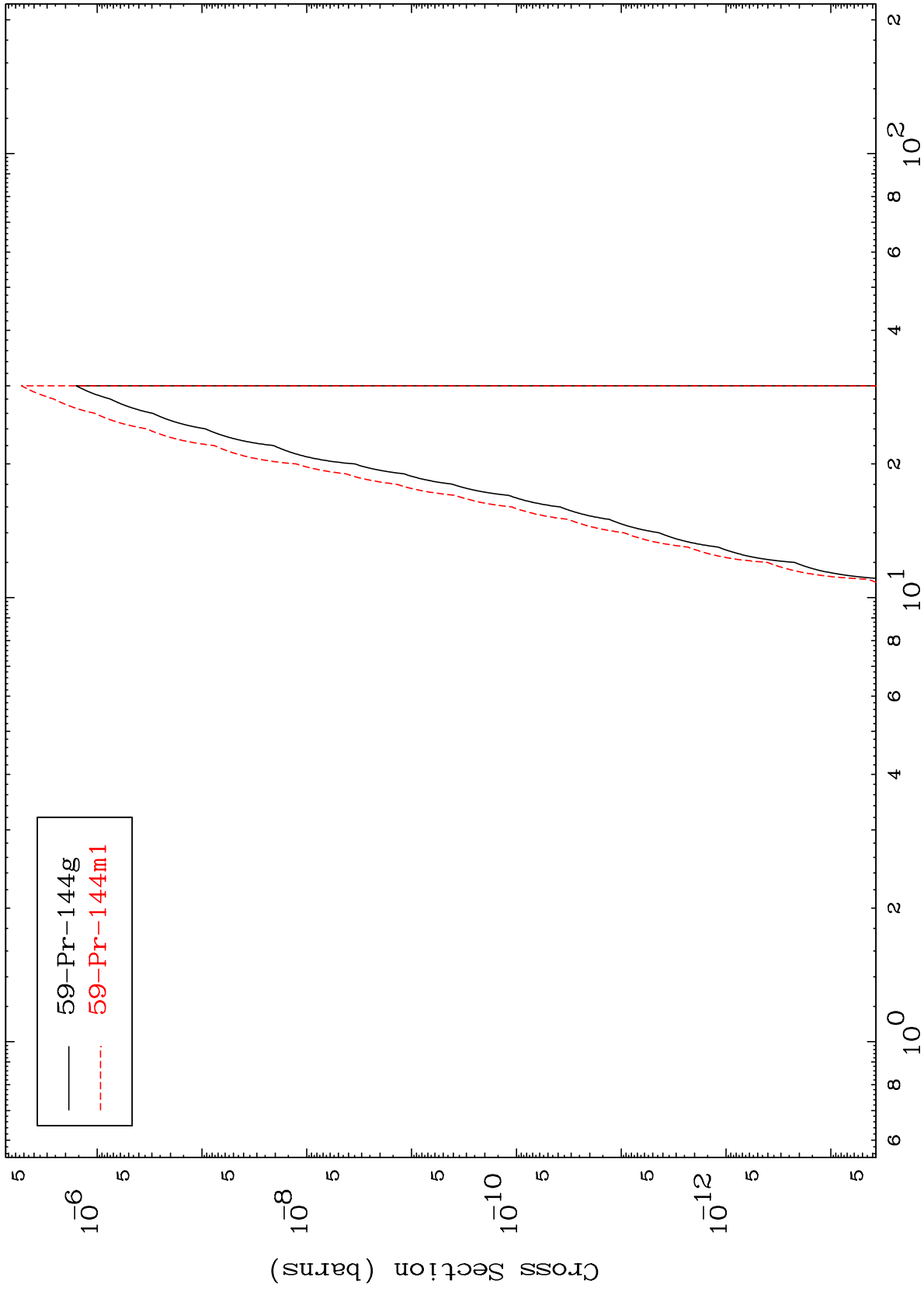
61-Pm-148

MAT 6153

(d,n') p α

61-Pm-148

Radionuclide Production Cross Section



13

Incident Energy (MeV)

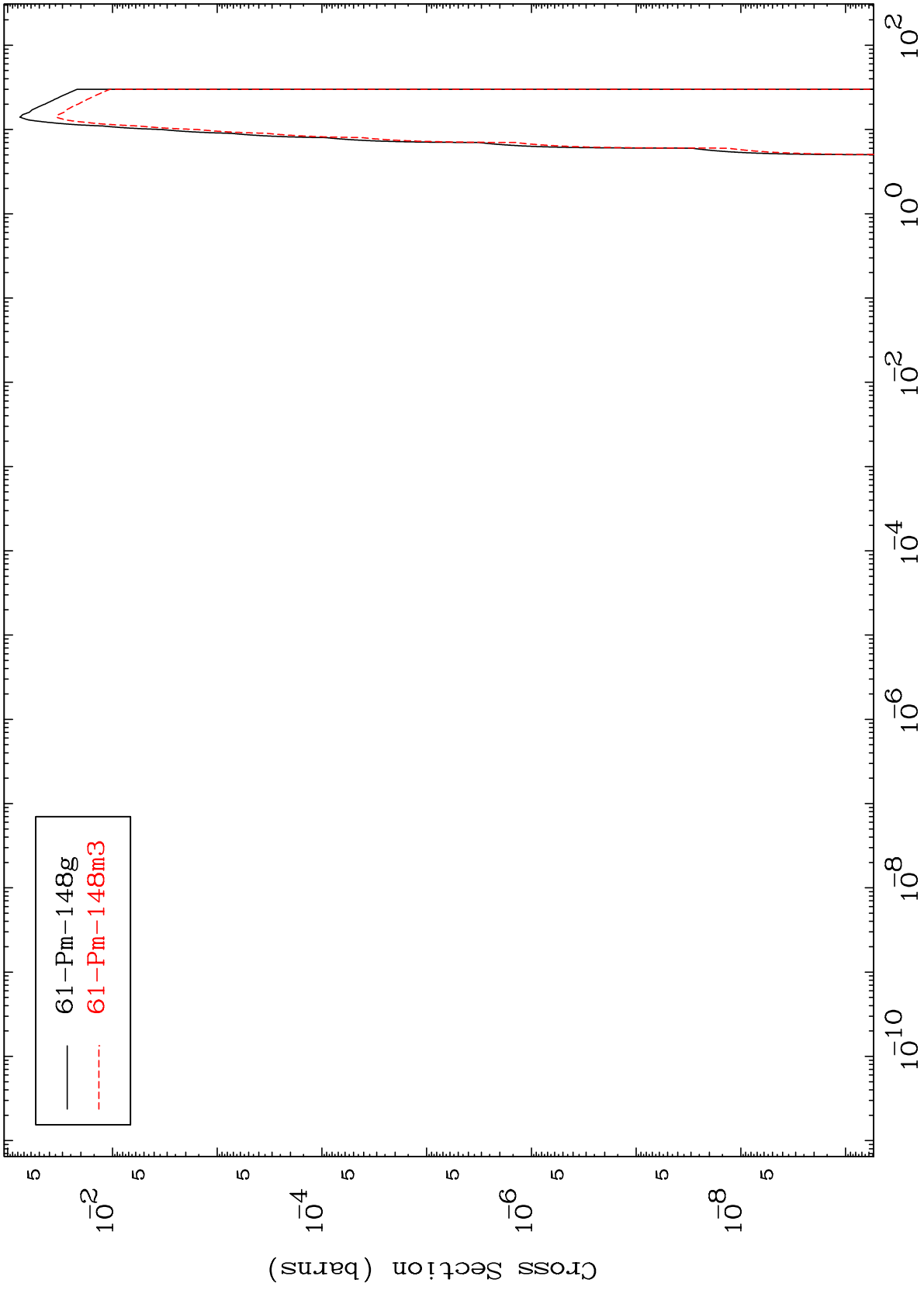
61-Pm-148

MAT 6153

(d,d)

Radionuclide Production Cross Section

61-Pm-148



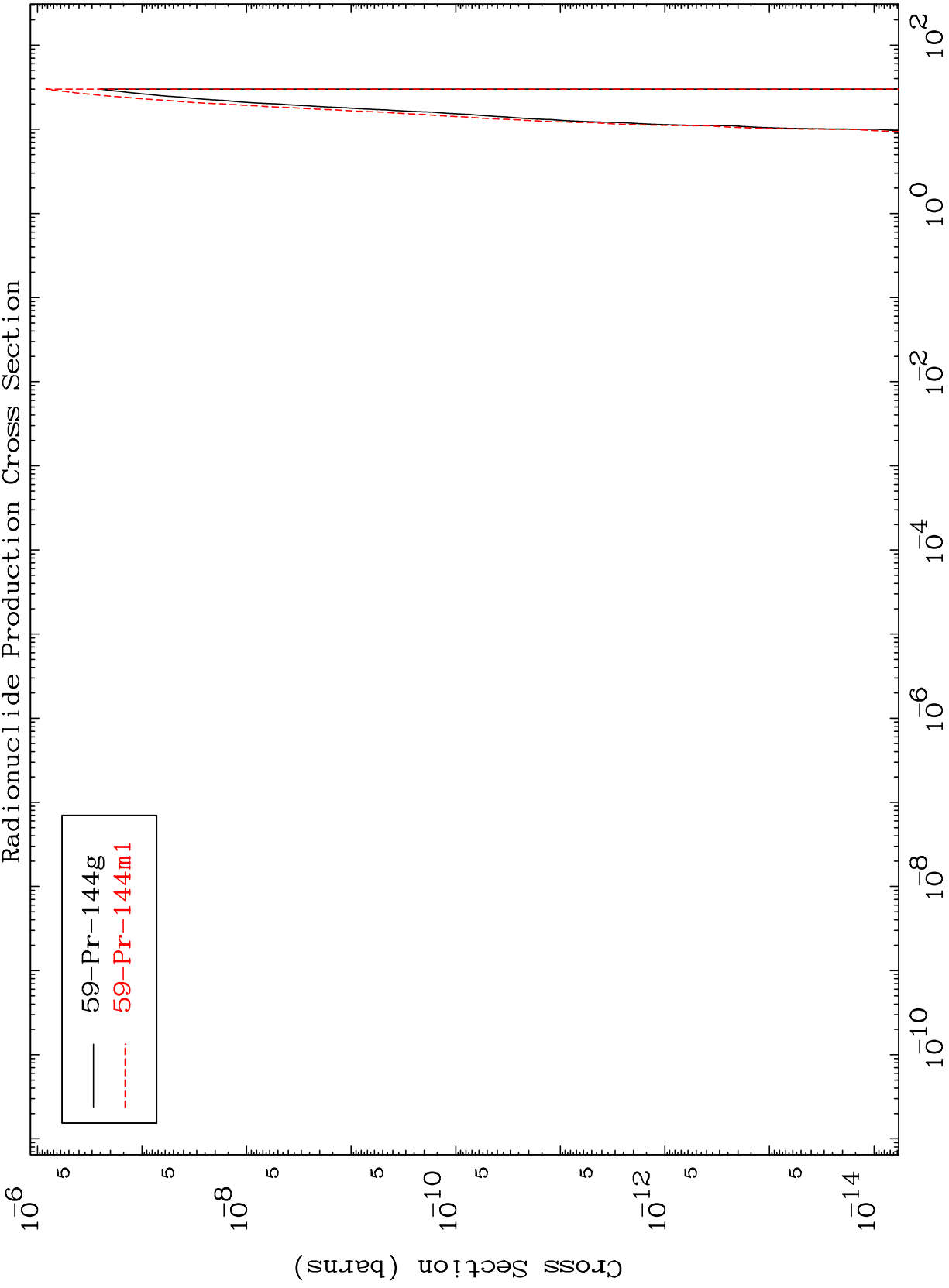
61-Pm-148

MAT 6153

(d,d) α

⁶¹Pm-148

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁶¹Pm-148