

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

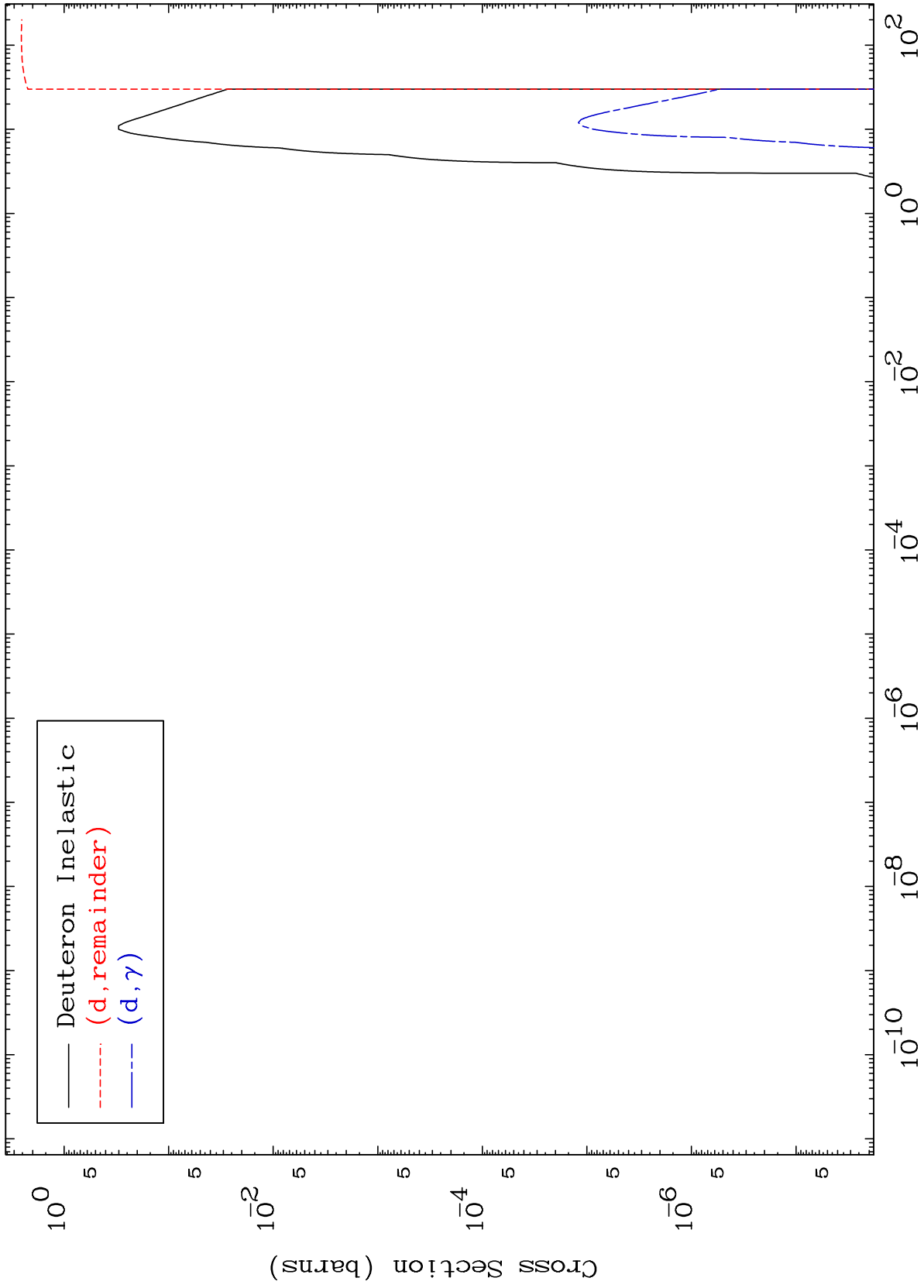
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Tele: 925-443-1911

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

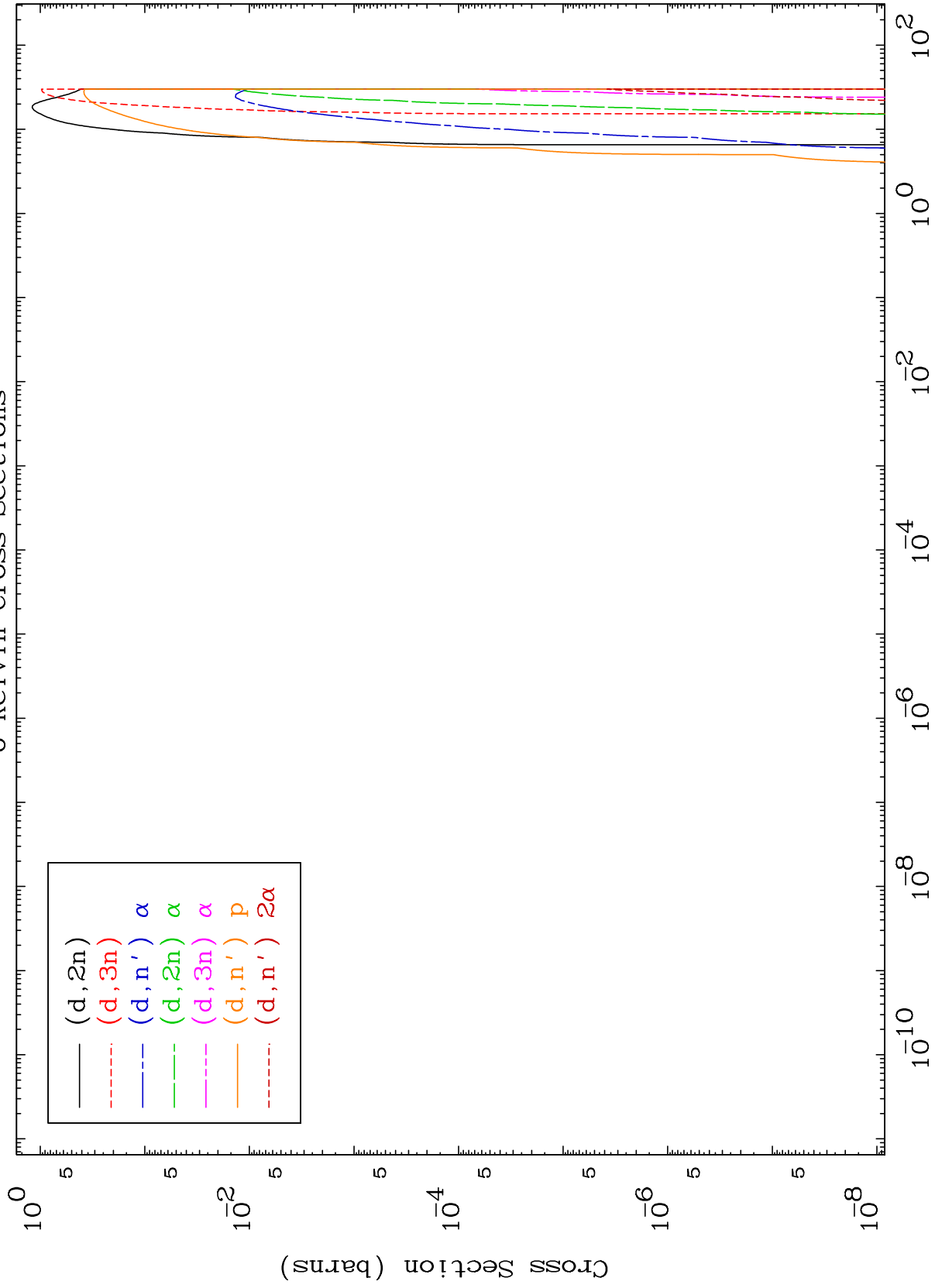
Press Mouse Button to Start



MAT 6137

Deuteron Neutron Production
0 Kelvin Cross Sections

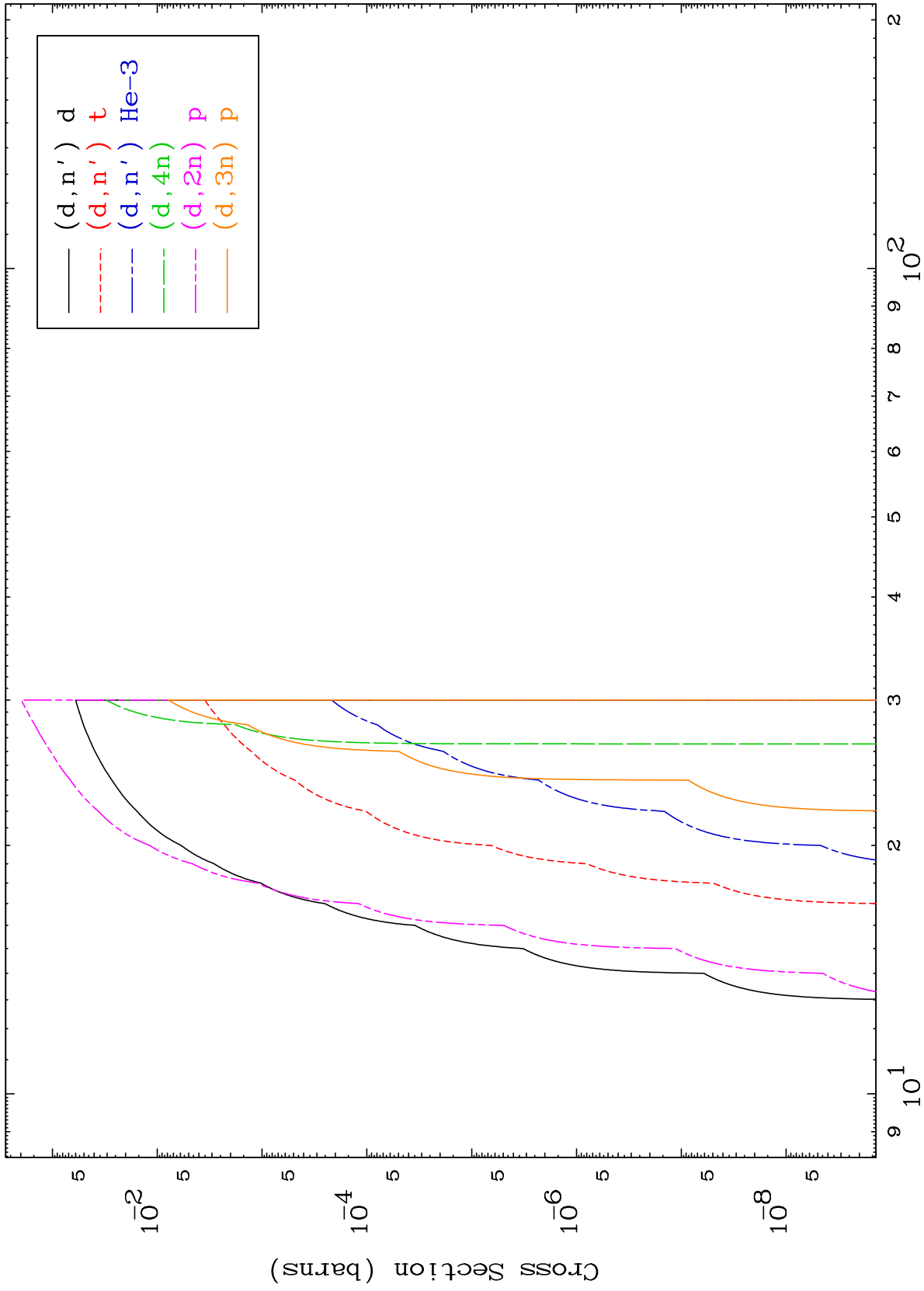
61-Pm-143



2

Incident Energy (MeV)

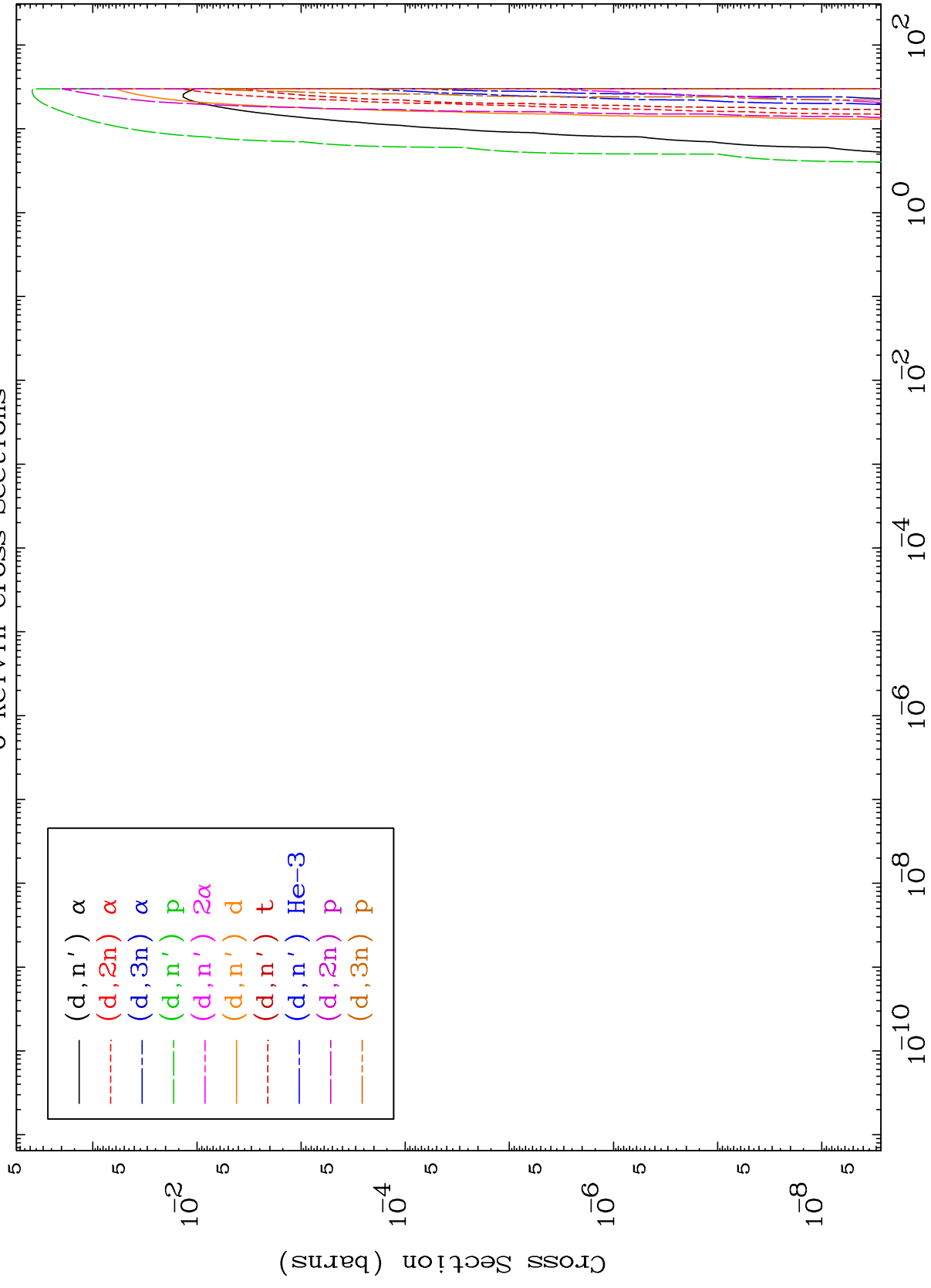
61-Pm-143



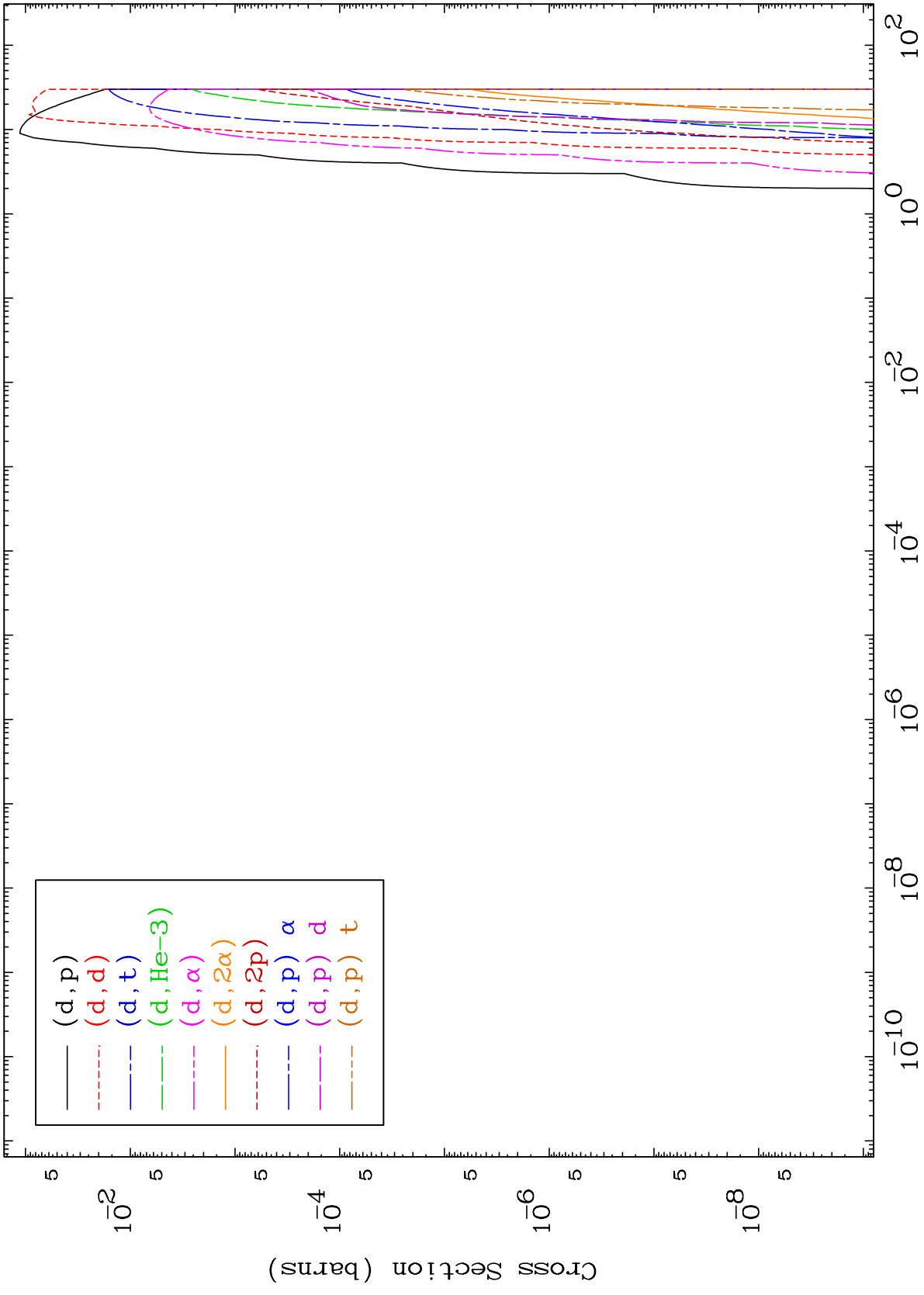
MAT 6137

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-143



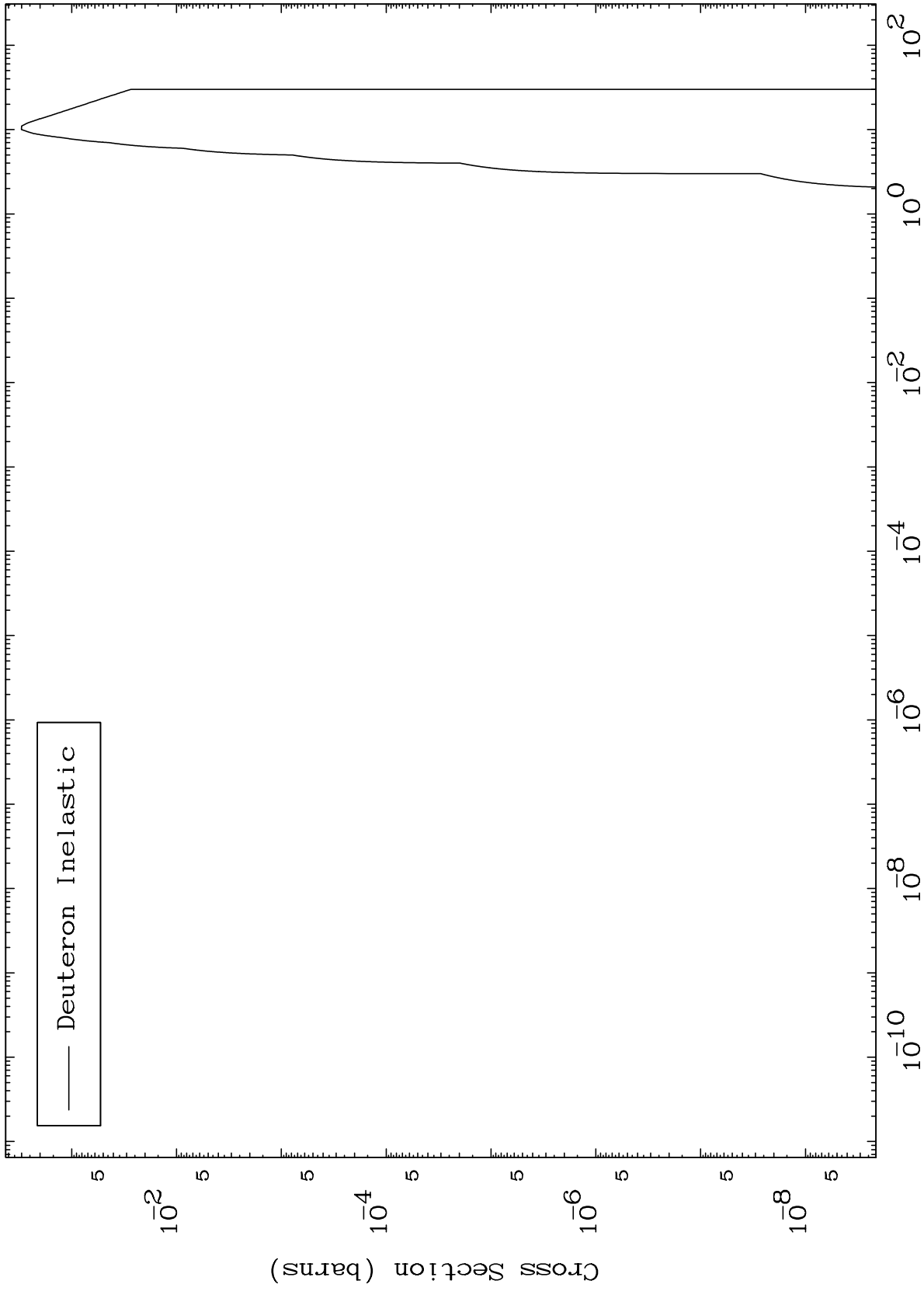
61-Pm-143



MAT 6137

(d,n') Level
0 Kelvin Cross Sections

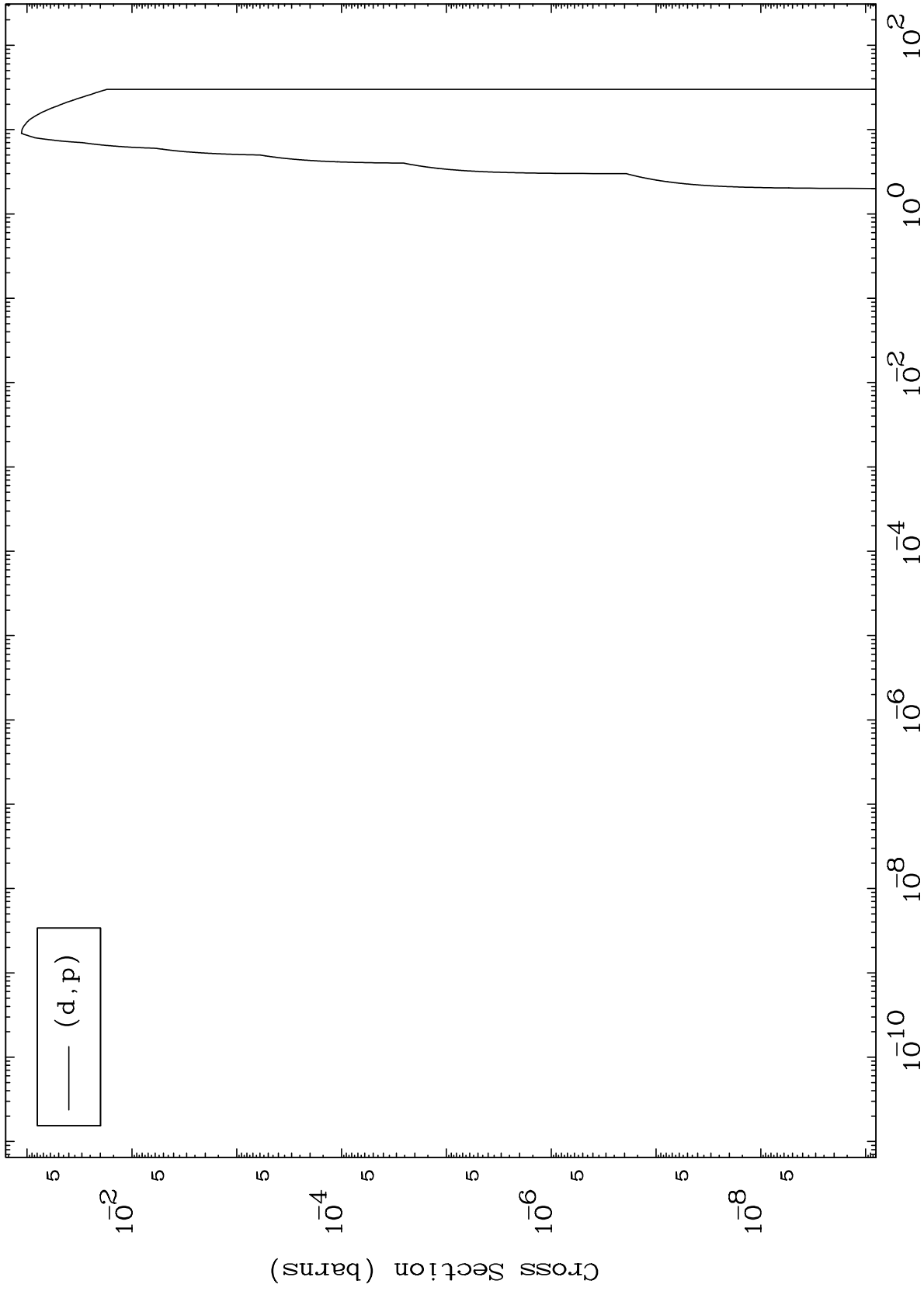
61-Pm-143



MAT 6137

(d,p) Levels
0 Kelvin Cross Sections

61-Pm-143



7

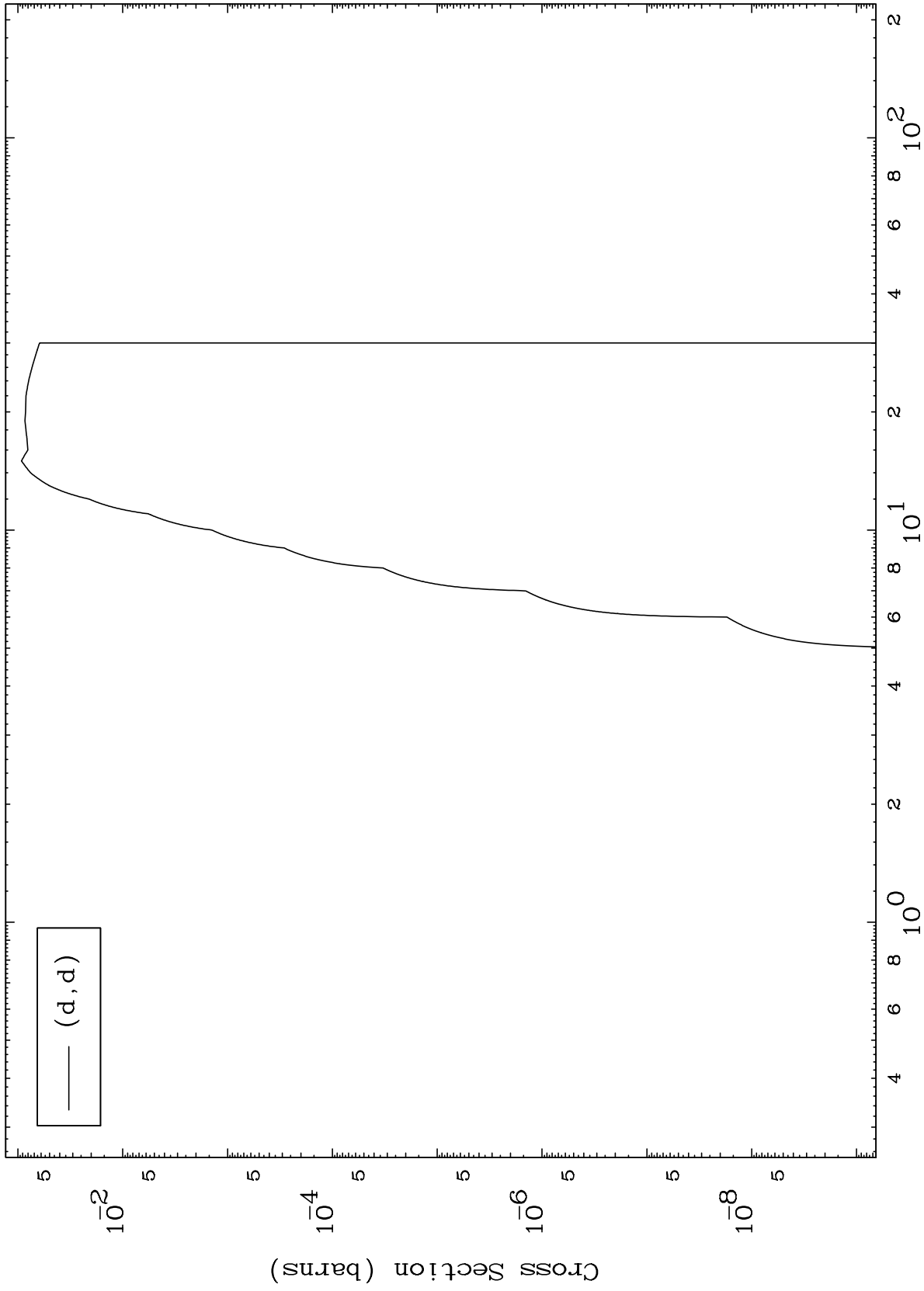
Incident Energy (MeV)

61-Pm-143

MAT 6137

(d,d) Levels
0 Kelvin Cross Sections

61-Pm-143



8

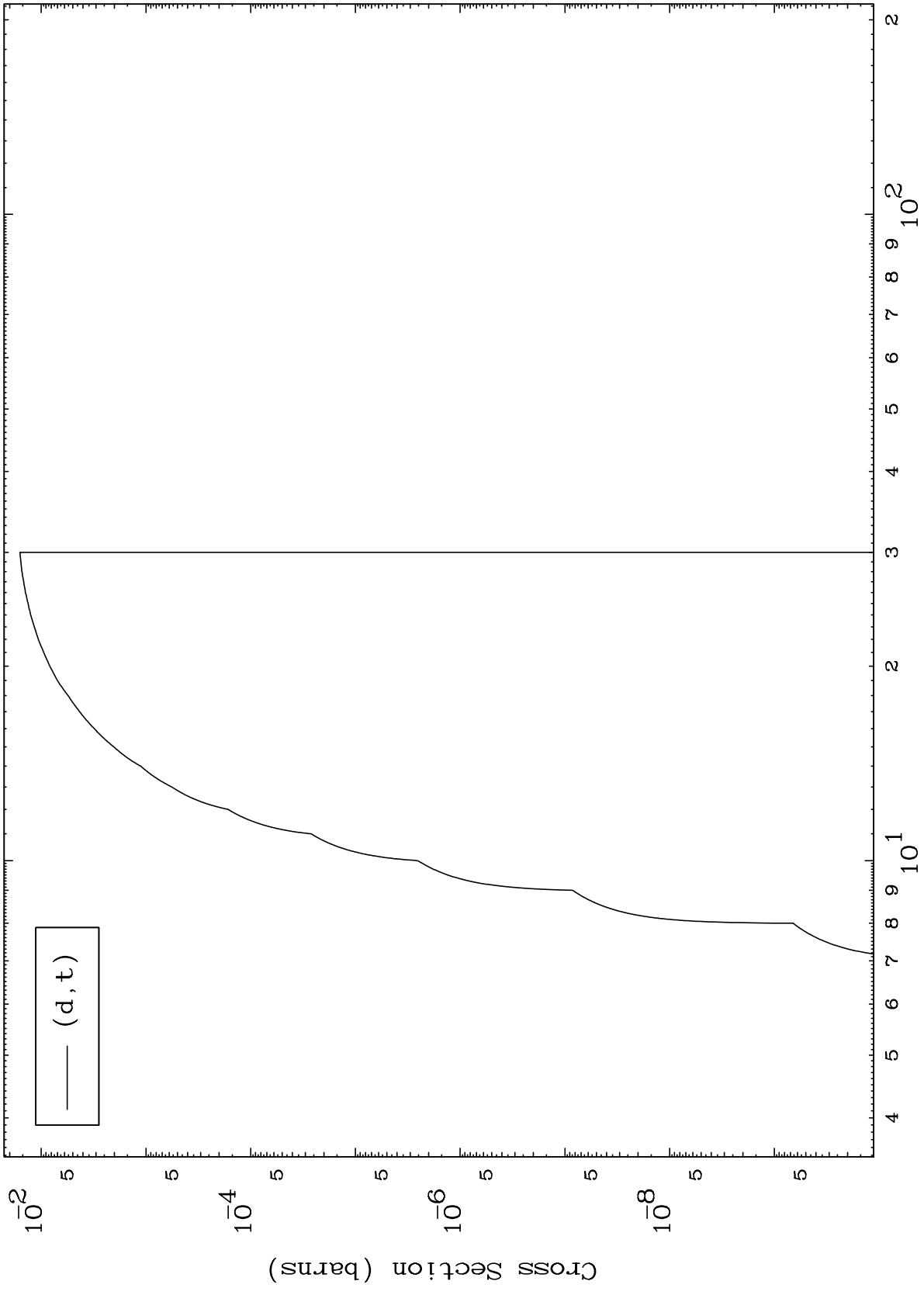
Incident Energy (MeV)

61-Pm-143

MAT 6137

(d,t) Levels
0 Kelvin Cross Sections

61-Pm-143



9

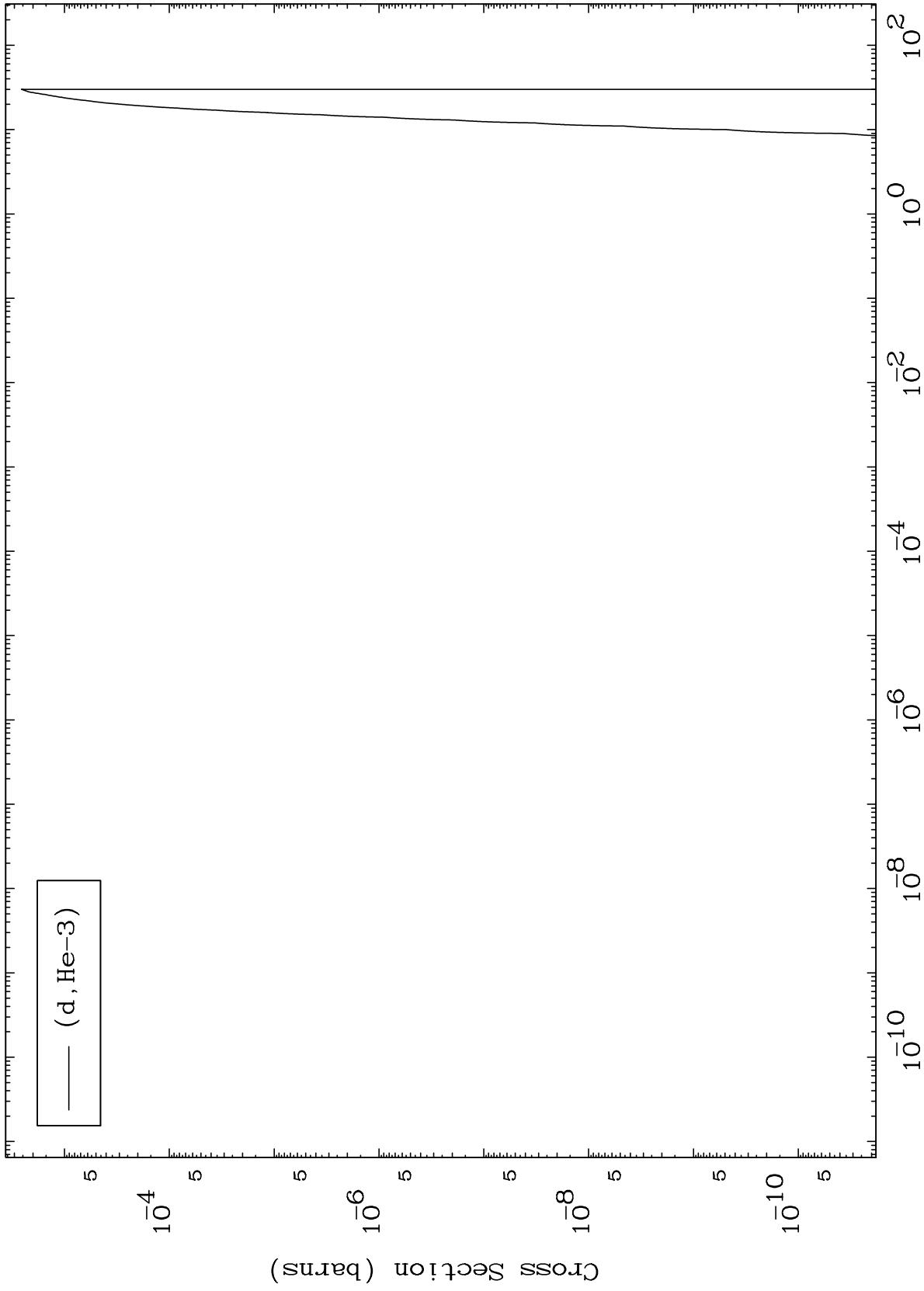
Incident Energy (MeV)

61-Pm-143

MAT 6137

(d,He3) Levels
0 Kelvin Cross Sections

61-Pm-143



10

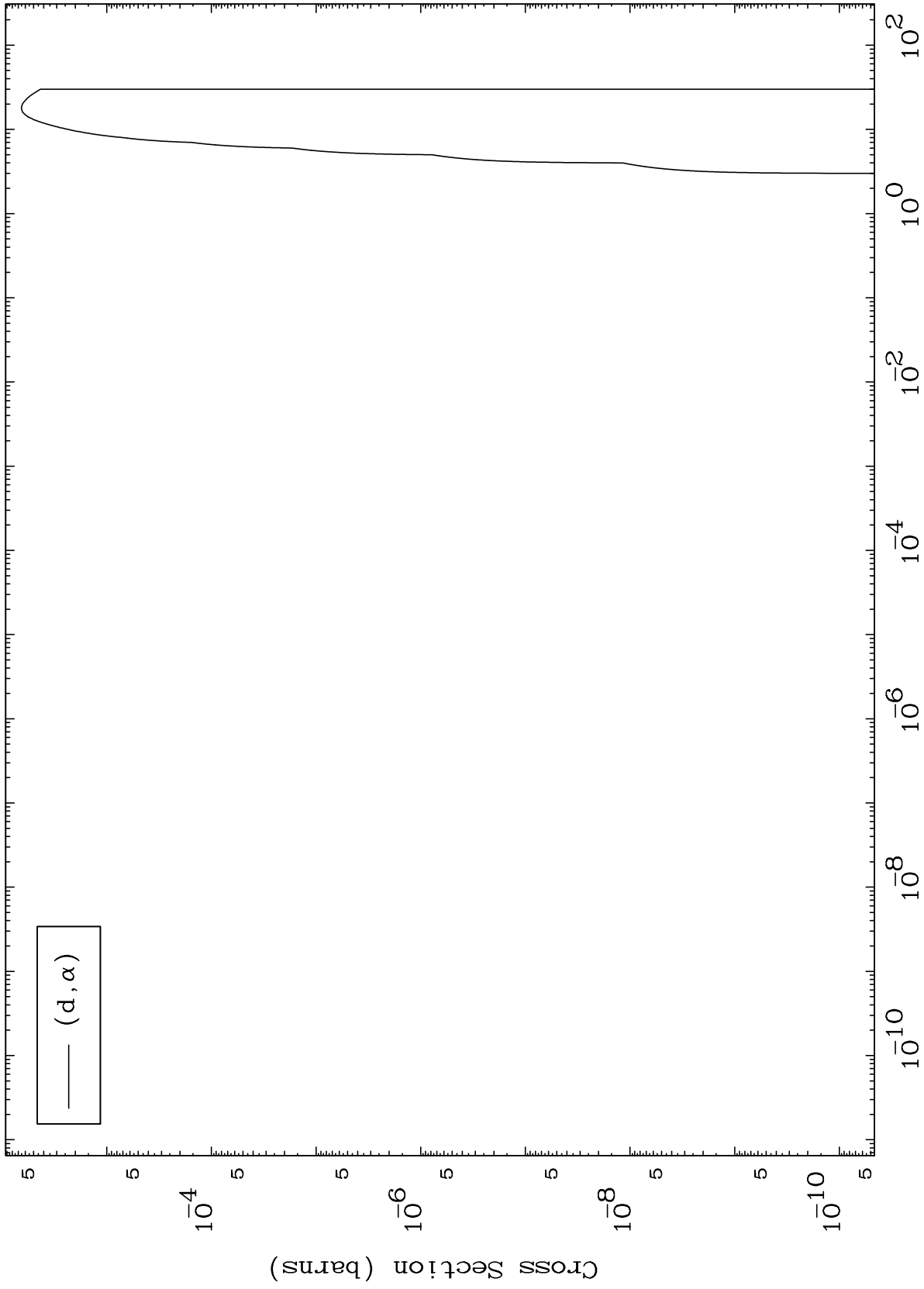
Incident Energy (MeV)

61-Pm-143

MAT 6137

(d,α) Levels
0 Kelvin Cross Sections

61-Pm-143



11

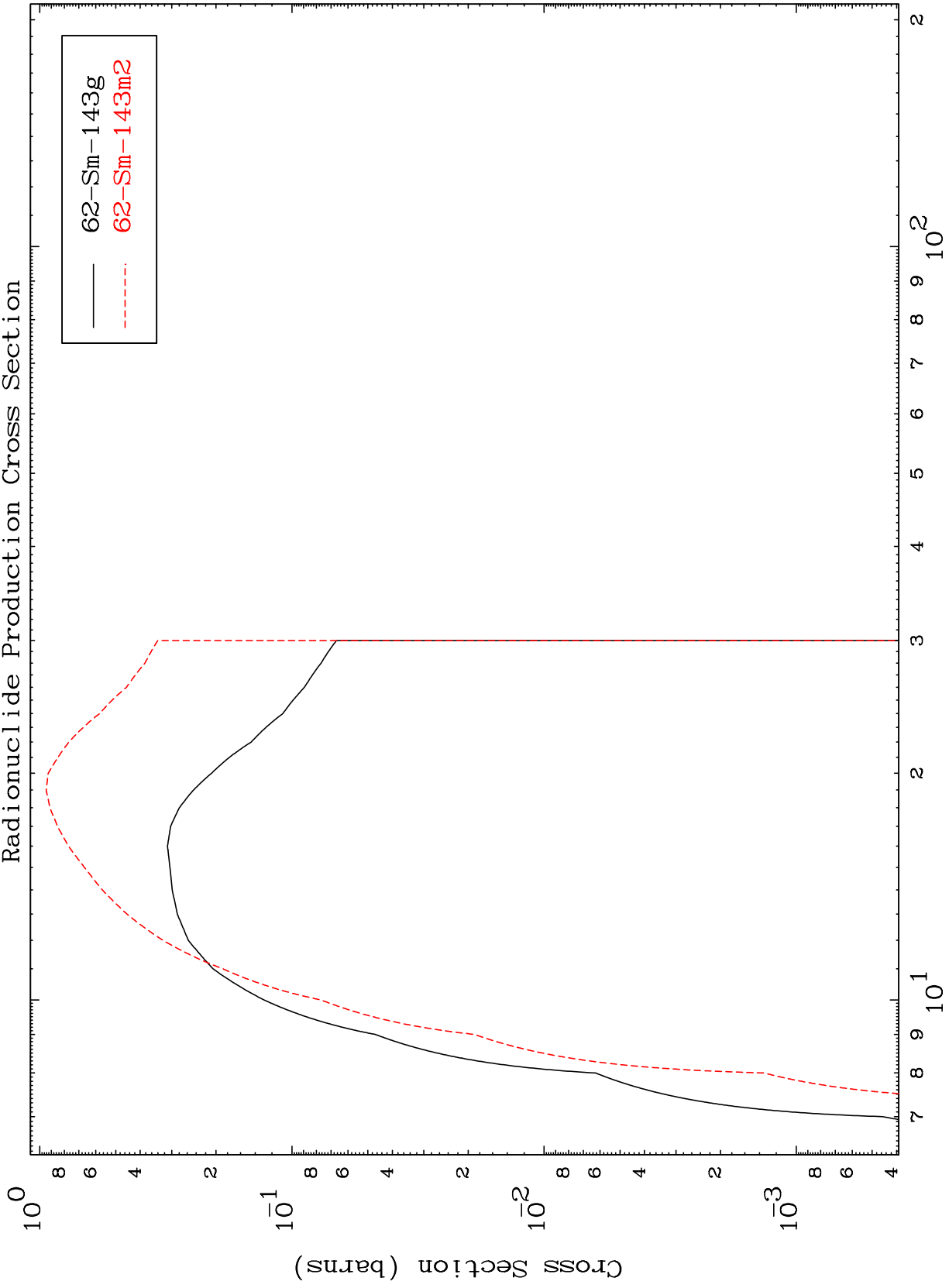
Incident Energy (MeV)

61-Pm-143

MAT 6137

61-Pm-143

(d,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

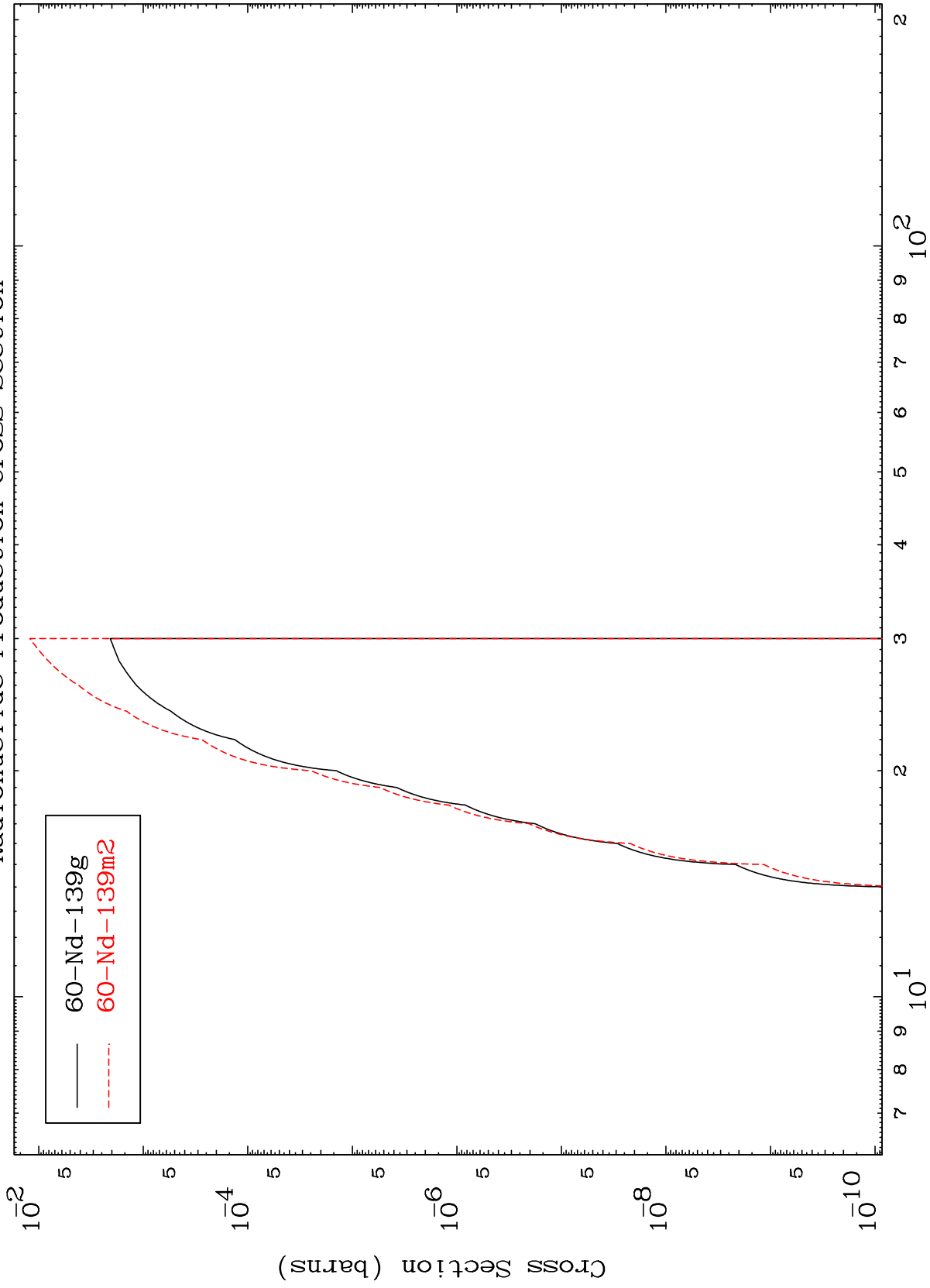
61-Pm-143

MAT 6137

$(d,2n) \alpha$

61-Pm-143

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

13

Incident Energy (MeV)

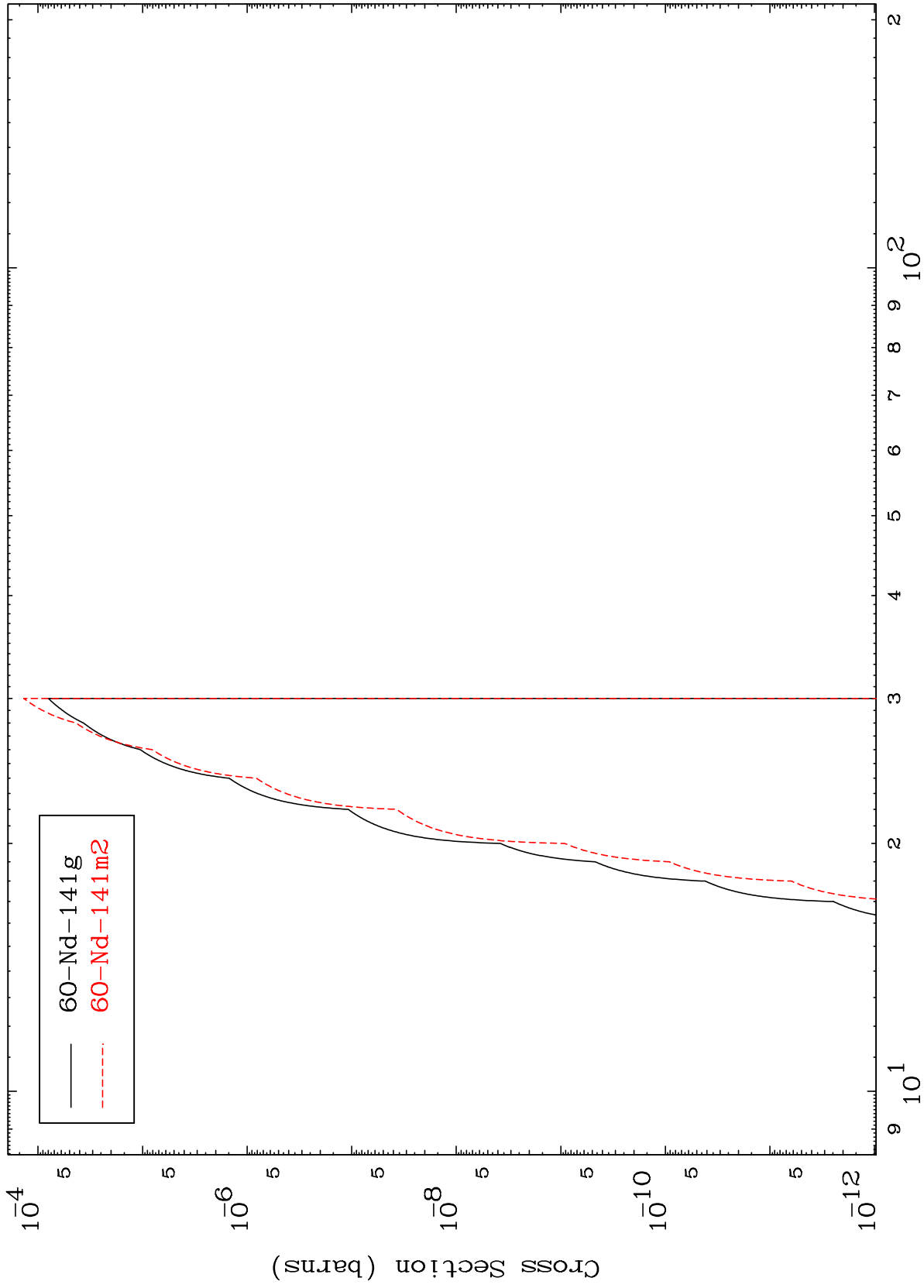
61-Pm-143

MAT 6137

(d, n') He-3

61-Pm-143

Radionuclide Production Cross Section



14

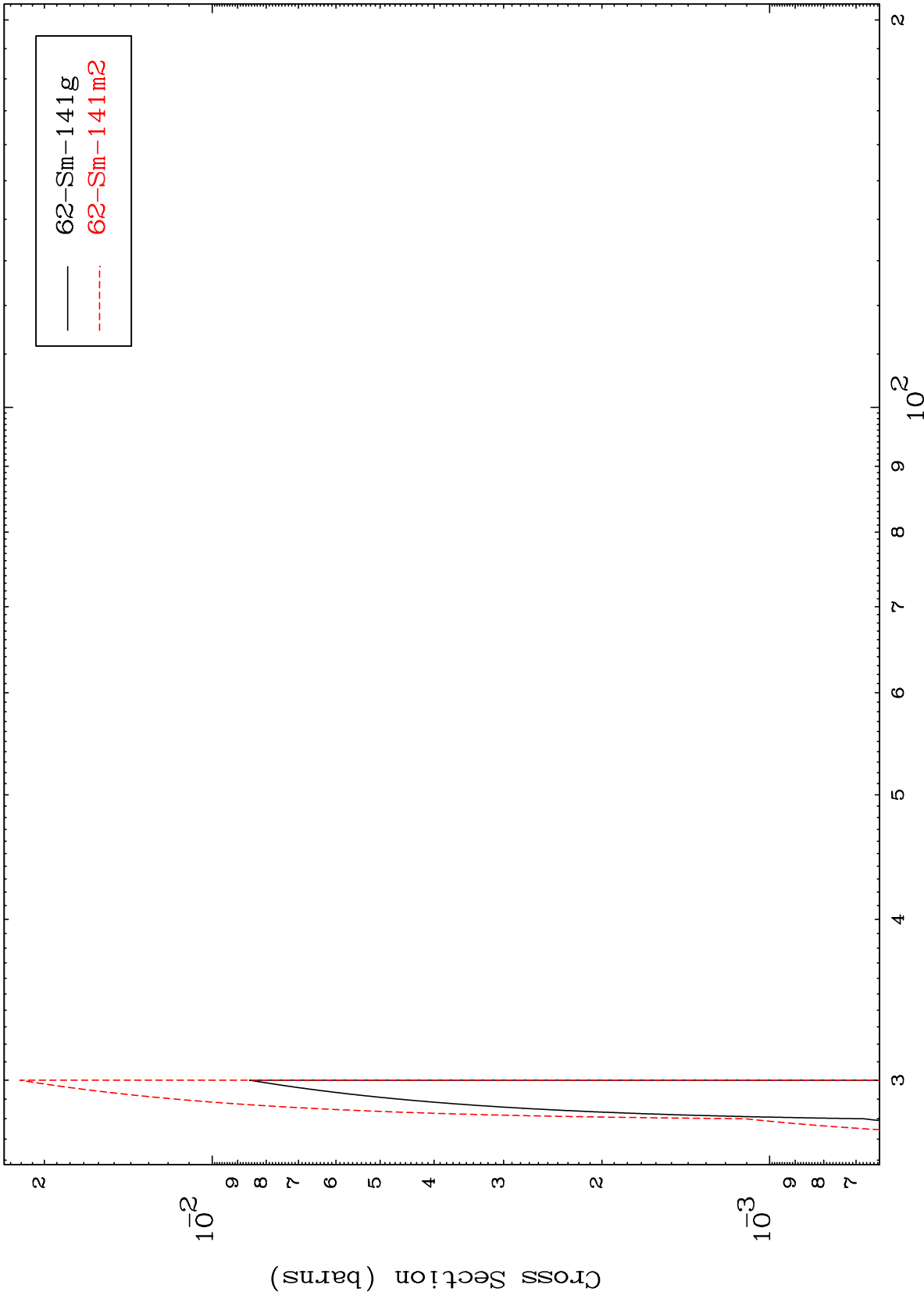
Incident Energy (MeV)

61-Pm-143

MAT 6137

61-Pm-143

(d,4n)
Radionuclide Production Cross Section



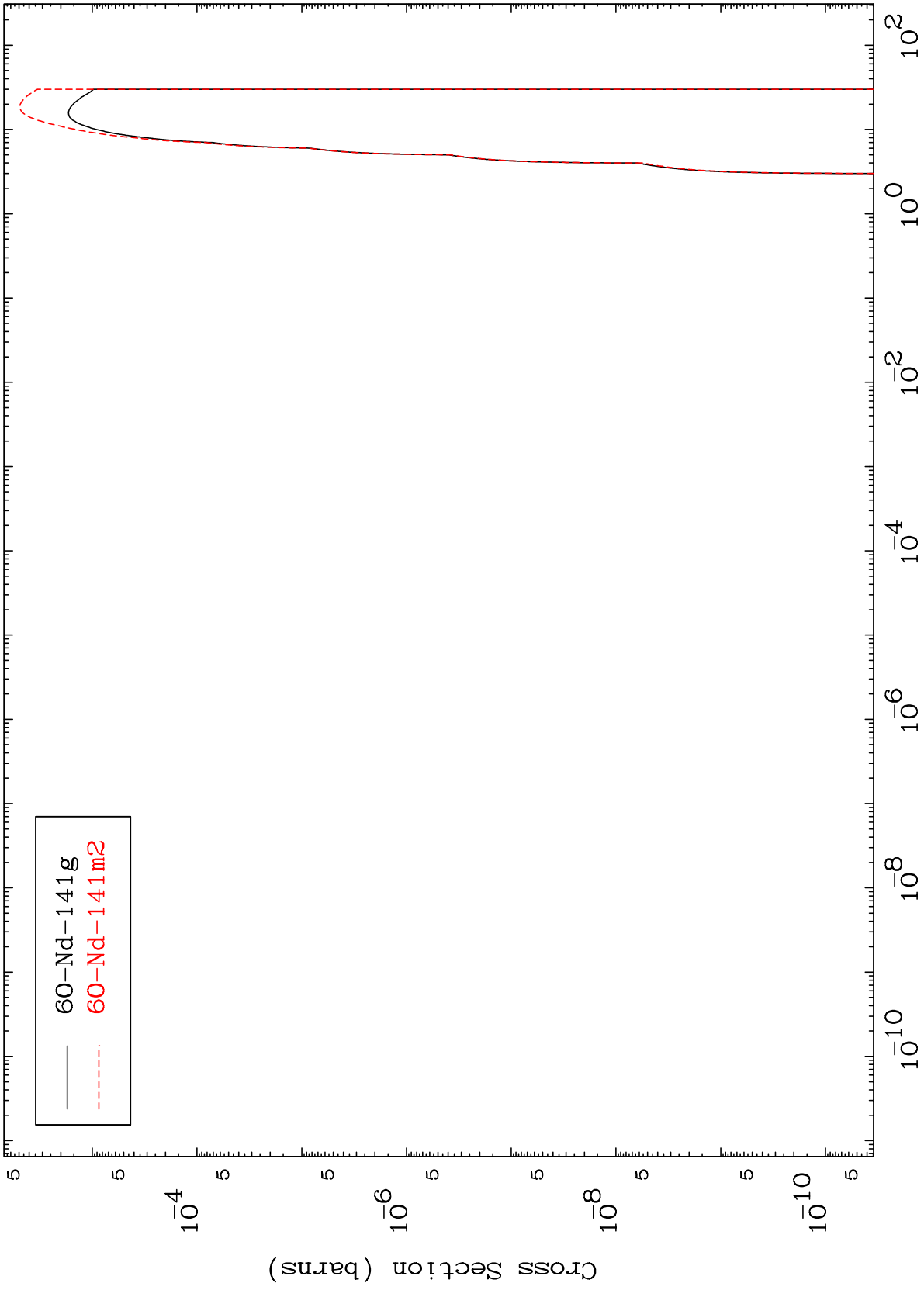
15

61-Pm-143

MAT 6137

(d, α)
Radionuclide Production Cross Section

61-Pm-143



16

Incident Energy (MeV)

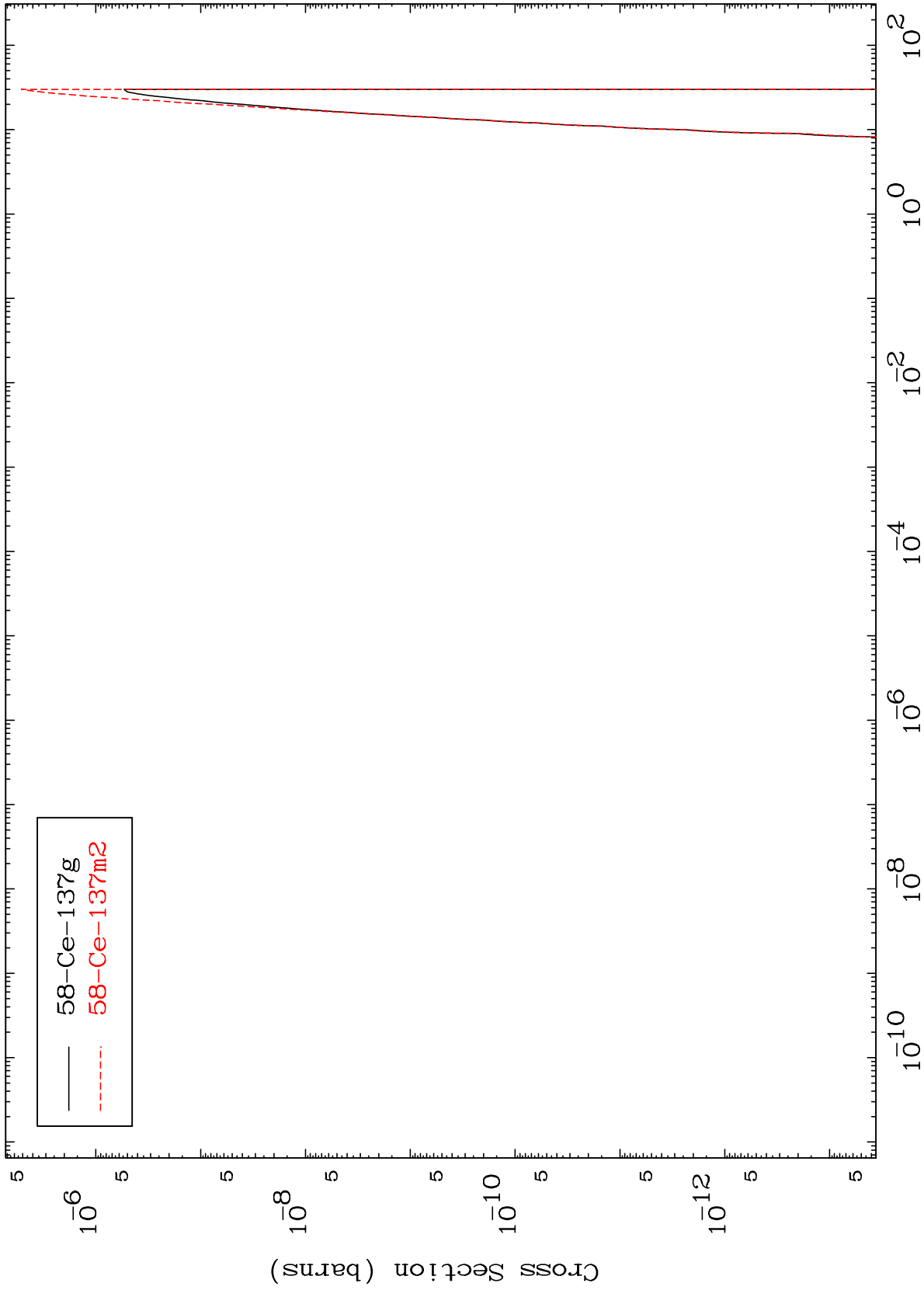
61-Pm-143

MAT 6137

(d,2α)

61-Pm-143

Radionuclide Production Cross Section

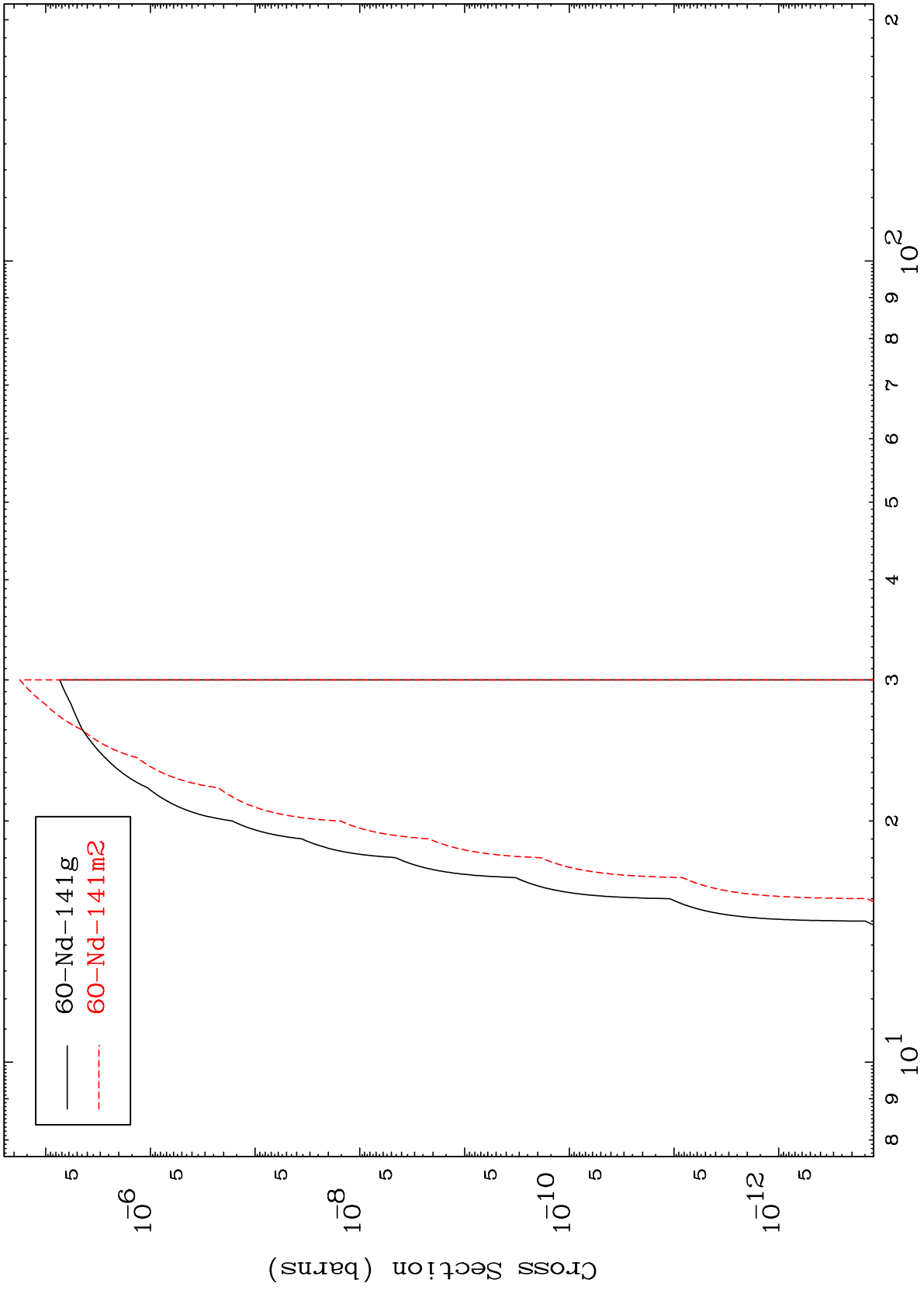


MAT 6137

(d,p) t

61-Pm-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

61-Pm-143