

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

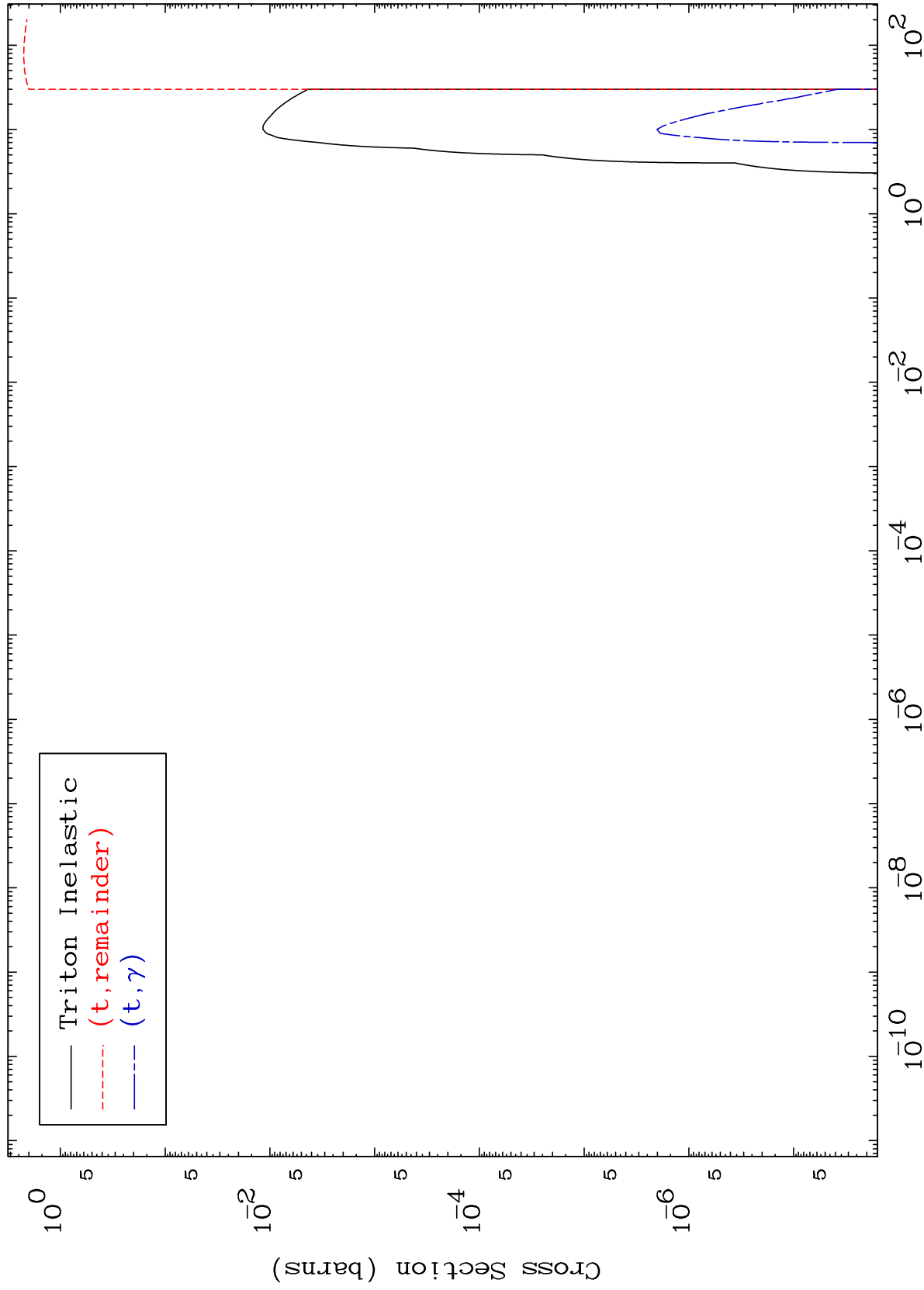
Press Mouse Button to Start

MAT 6143

Triton Major

61-Pm-145

0 Kelvin Cross Sections



1

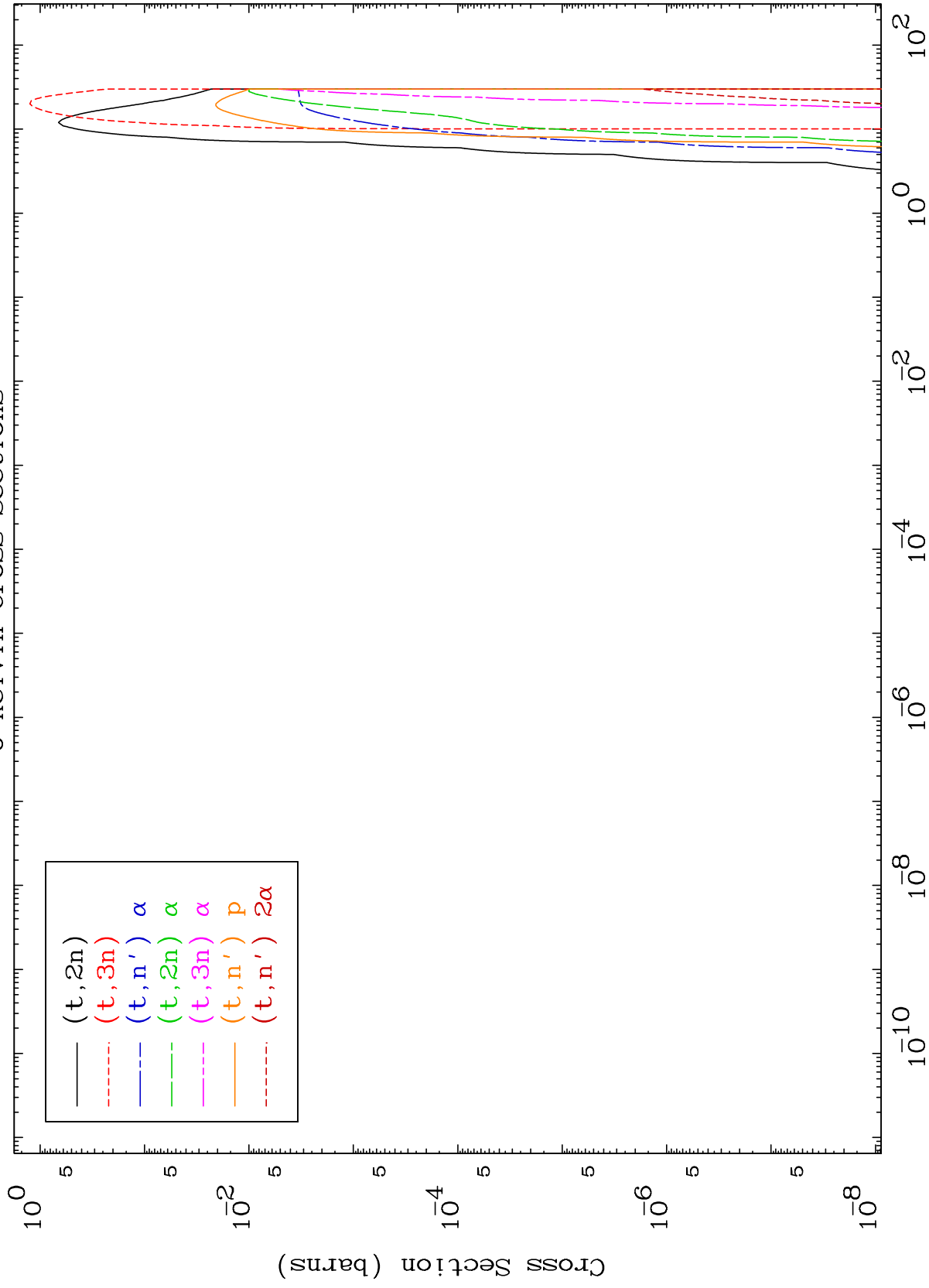
Incident Energy (MeV)

61-Pm-145

MAT 6143

Triton Neutron Production
0 Kelvin Cross Sections

61-Pm-145



2

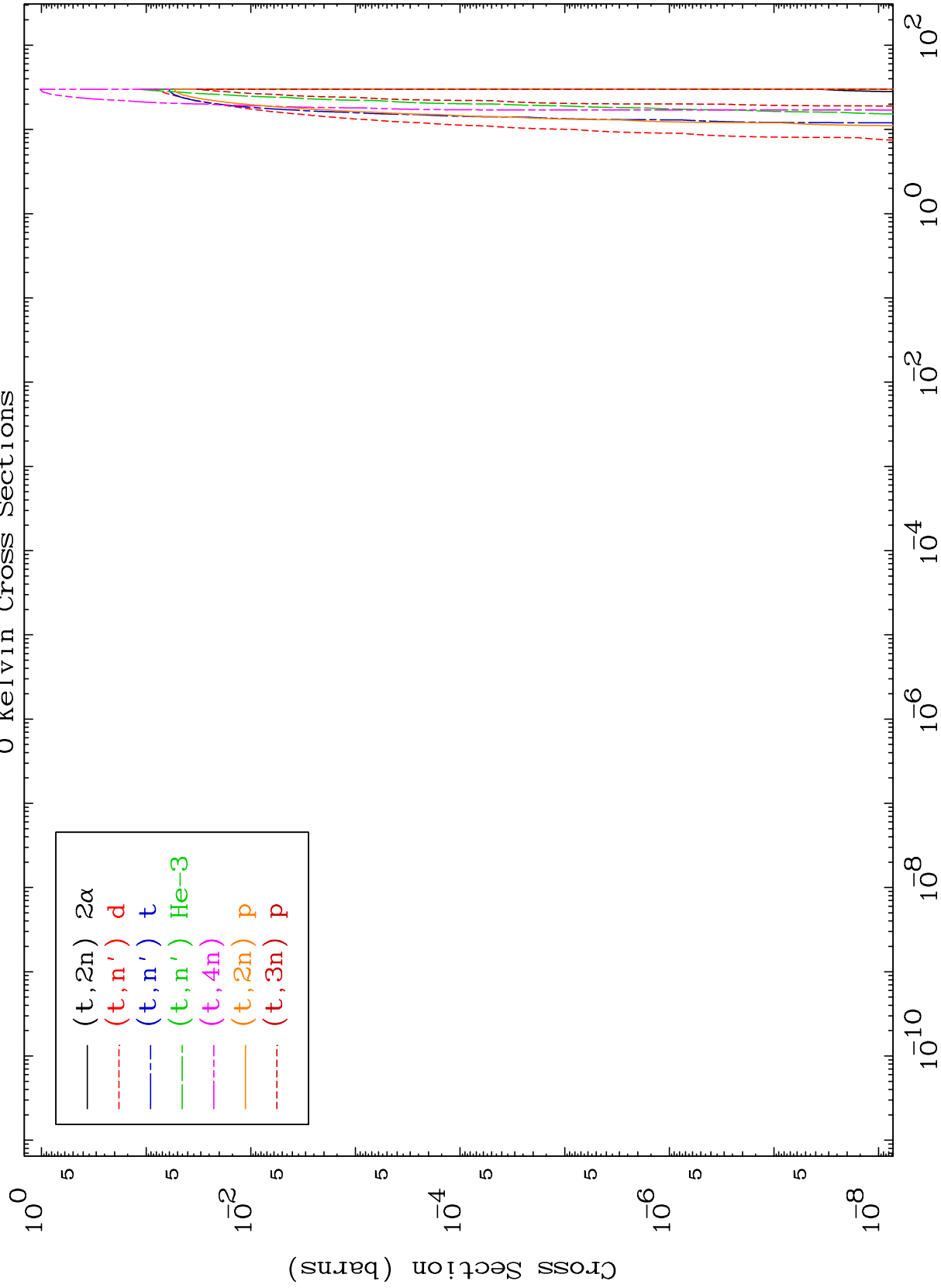
Incident Energy (MeV)

61-Pm-145

MAT 6143

Triton Neutron Production
0 Kelvin Cross Sections

61-Pm-145



3

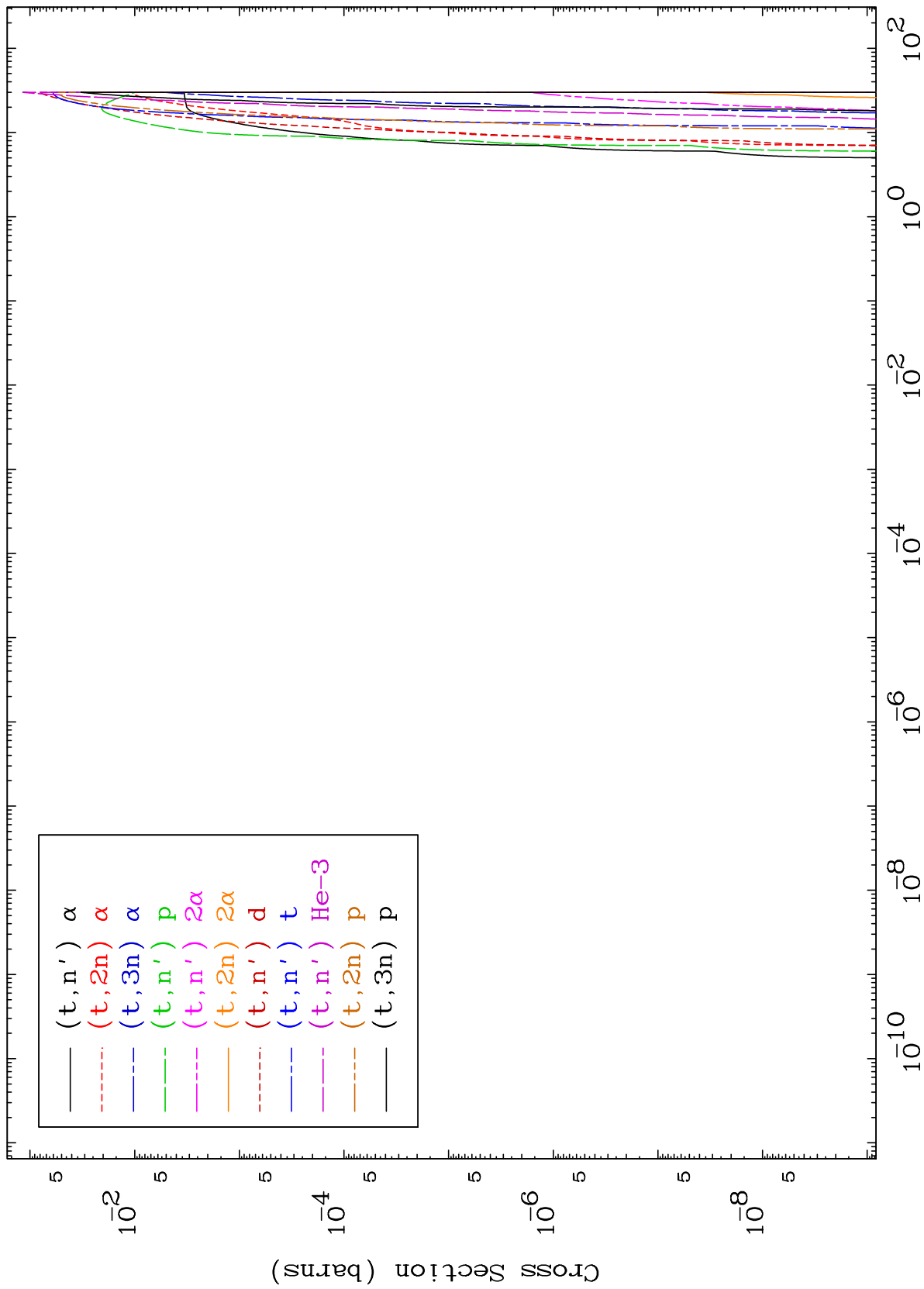
Incident Energy (MeV)

61-Pm-145

MAT 6143

Triton Charged Particle
0 Kelvin Cross Sections

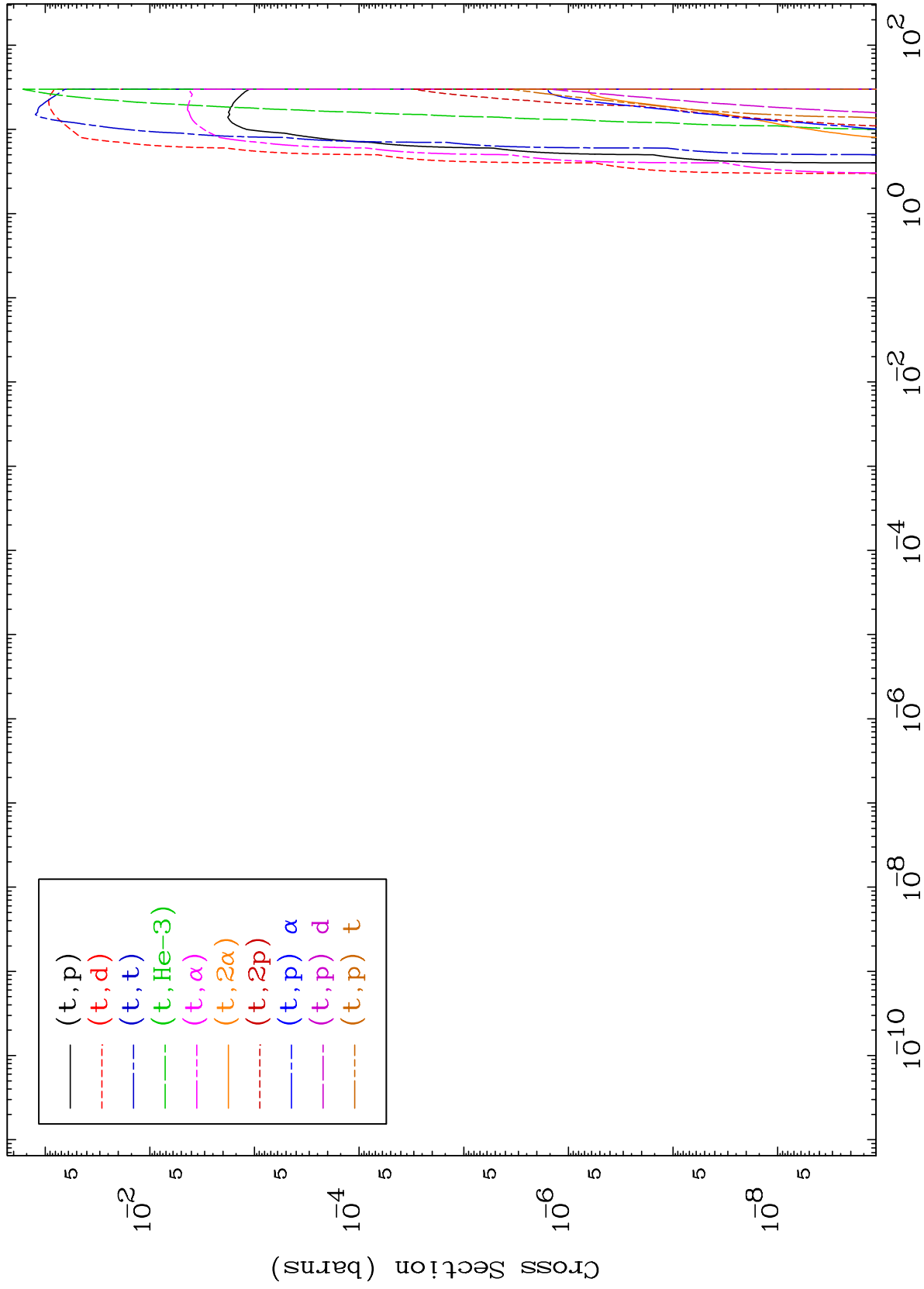
61-Pm-145



MAT 6143

Triton Charged Particle
0 Kelvin Cross Sections

61-Pm-145



5

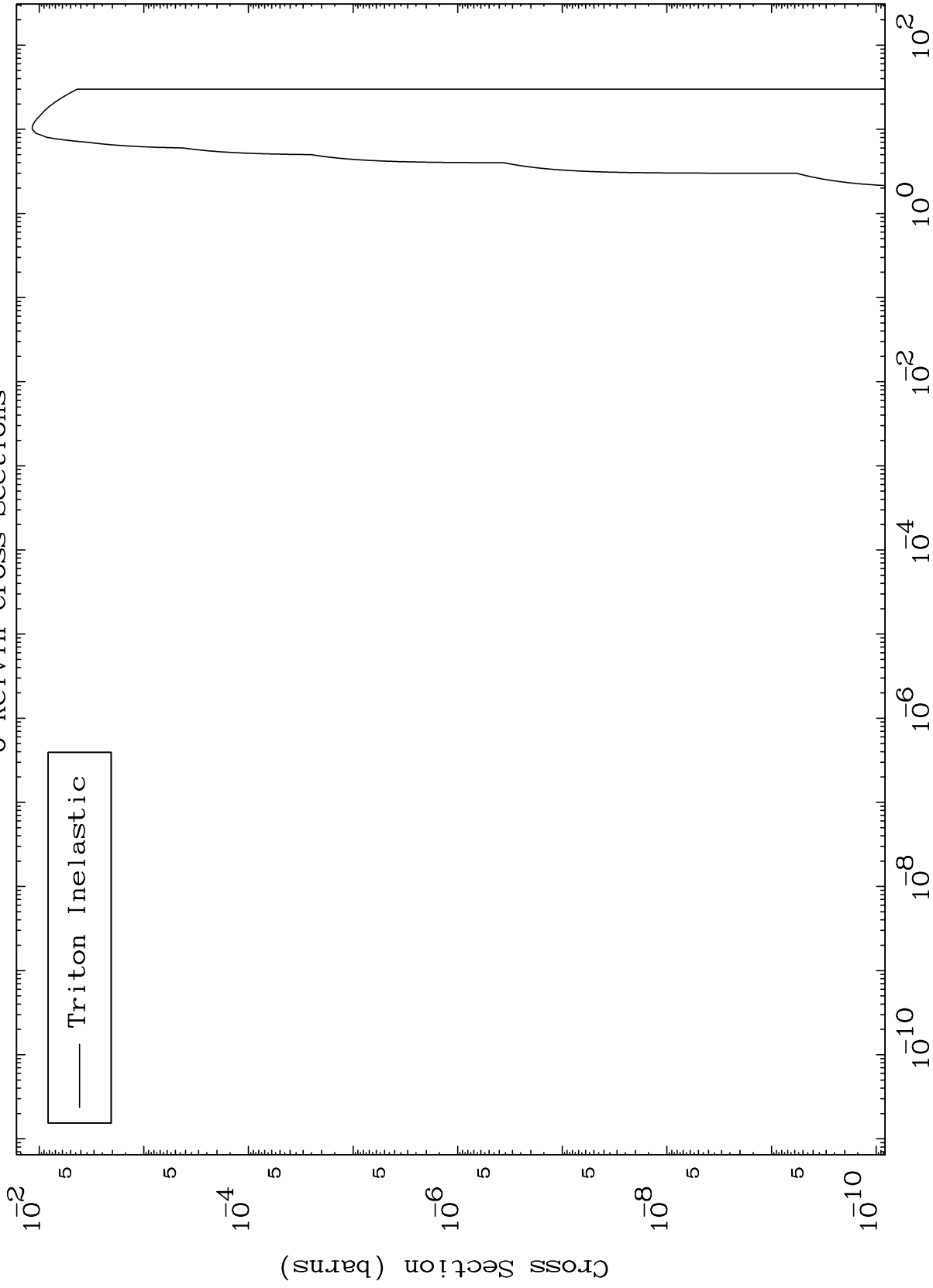
Incident Energy (MeV)

61-Pm-145

MAT 6143

(t,n') Level
0 Kelvin Cross Sections

61-Pm-145



6

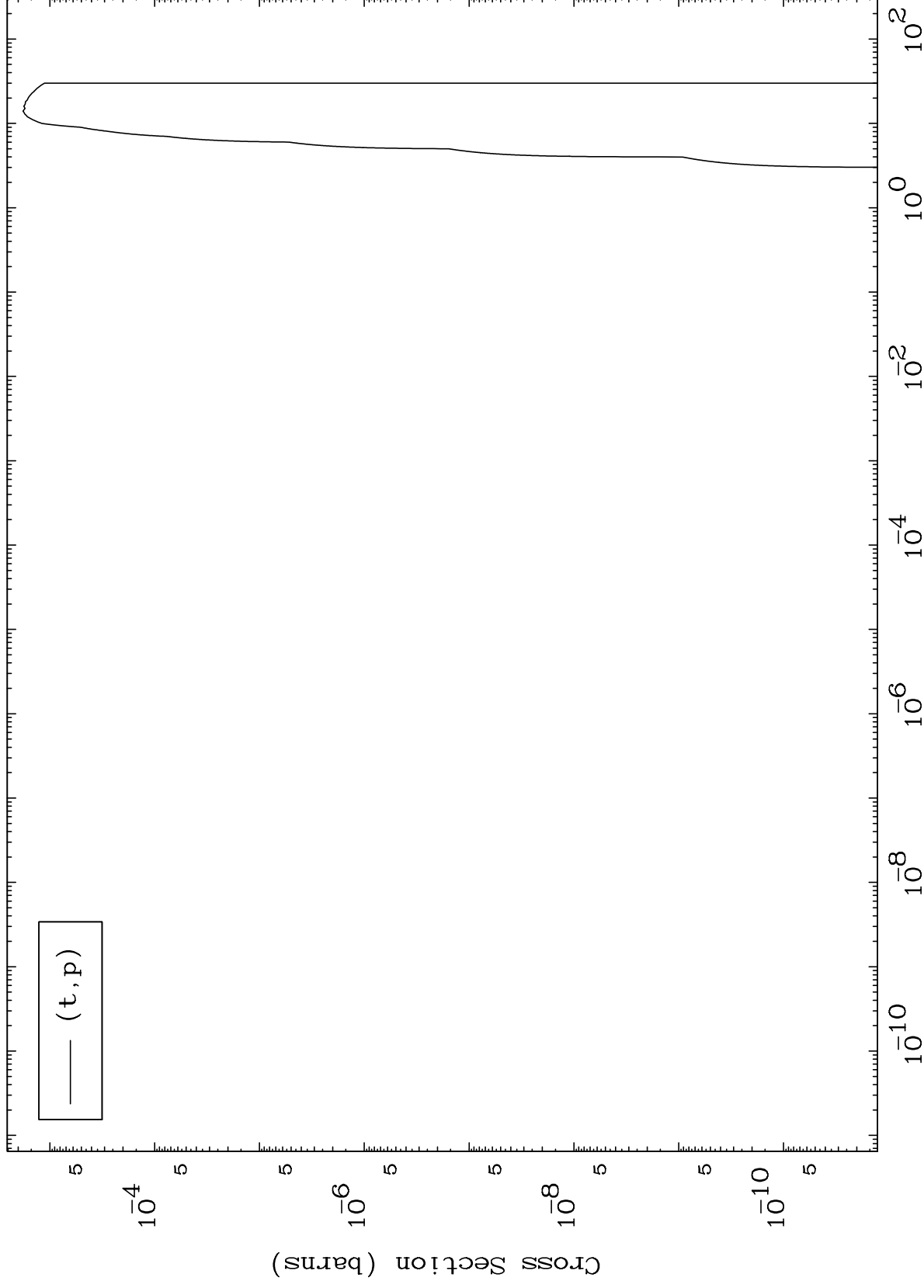
Incident Energy (MeV)

61-Pm-145

MAT 6143

(t,p) Levels
0 Kelvin Cross Sections

61-Pm-145



7

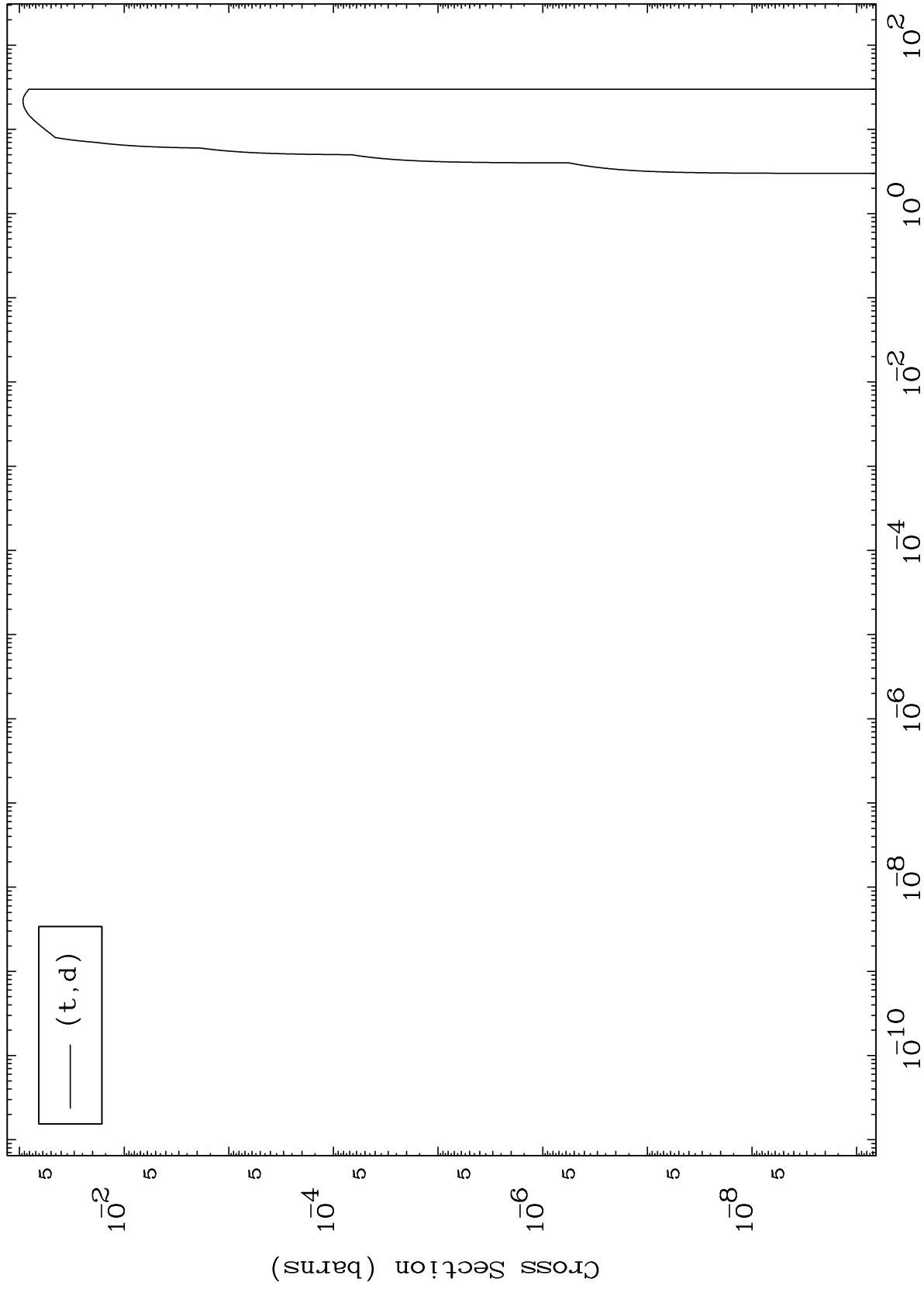
Incident Energy (MeV)

61-Pm-145

MAT 6143

(t,d) Levels
0 Kelvin Cross Sections

61-Pm-145



8

Incident Energy (MeV)

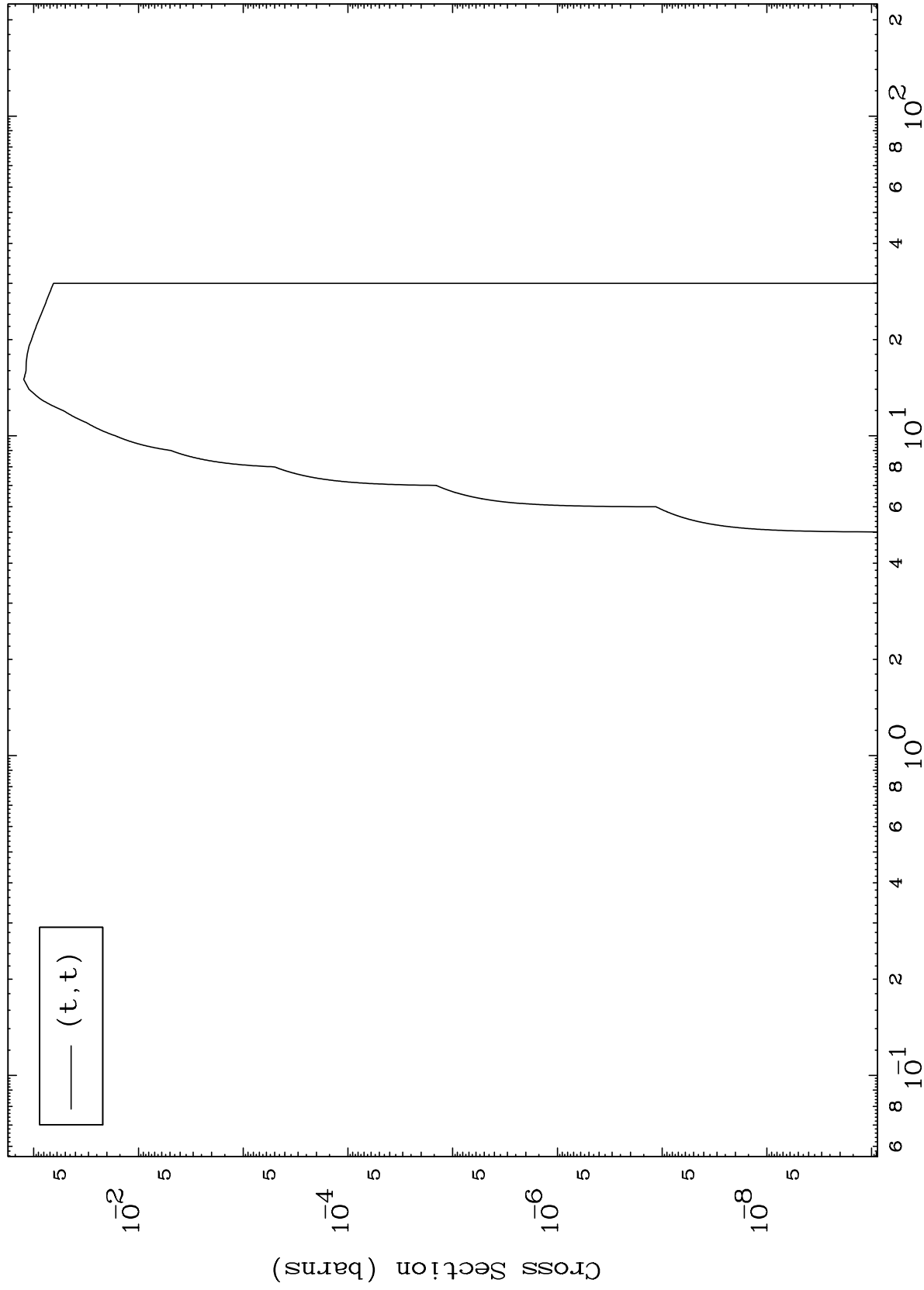
61-Pm-145

MAT 6143

(t,t) Levels

61-Pm-145

0 Kelvin Cross Sections



9

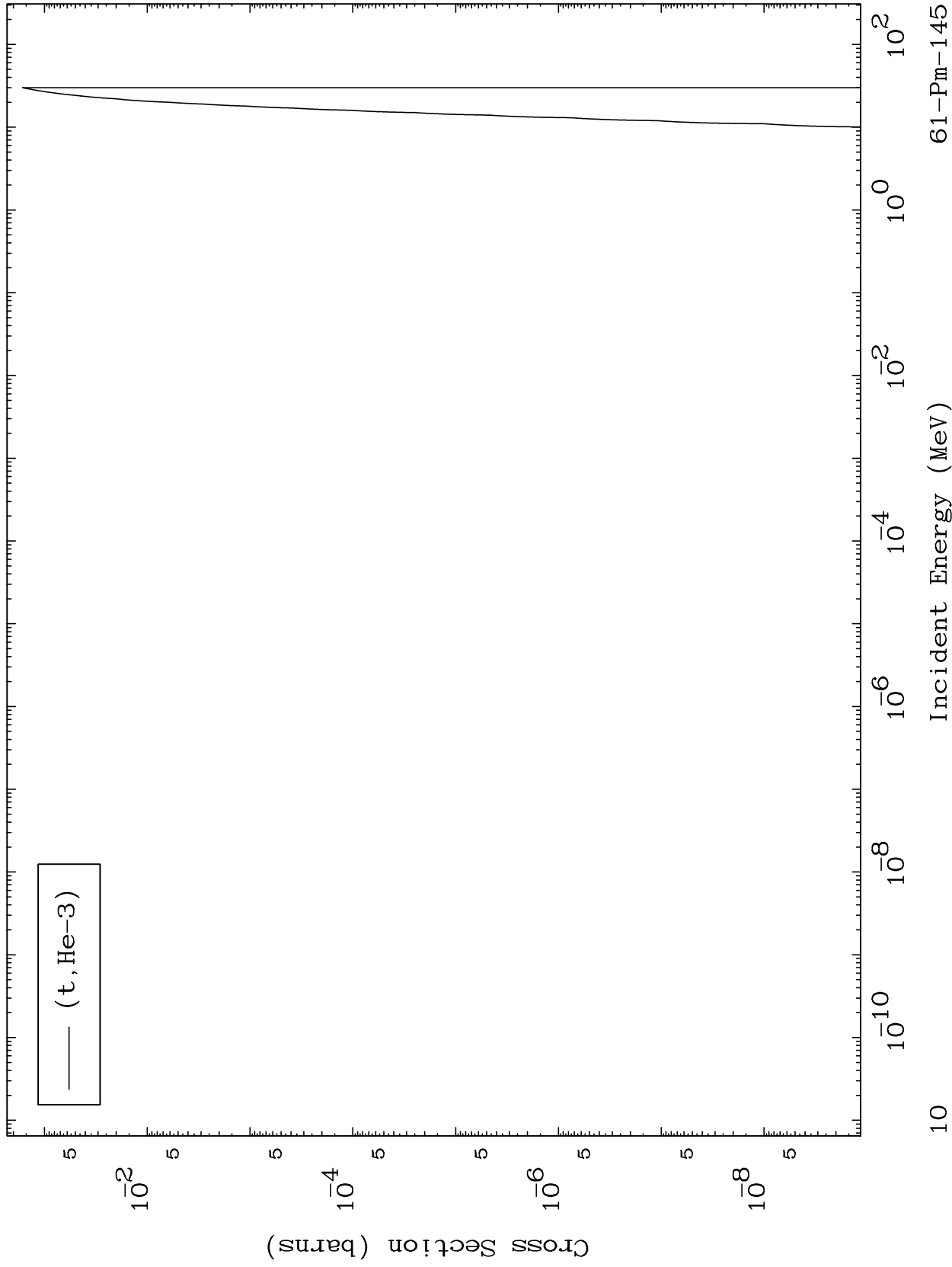
Incident Energy (MeV)

61-Pm-145

MAT 6143

(t,He3) Levels
0 Kelvin Cross Sections

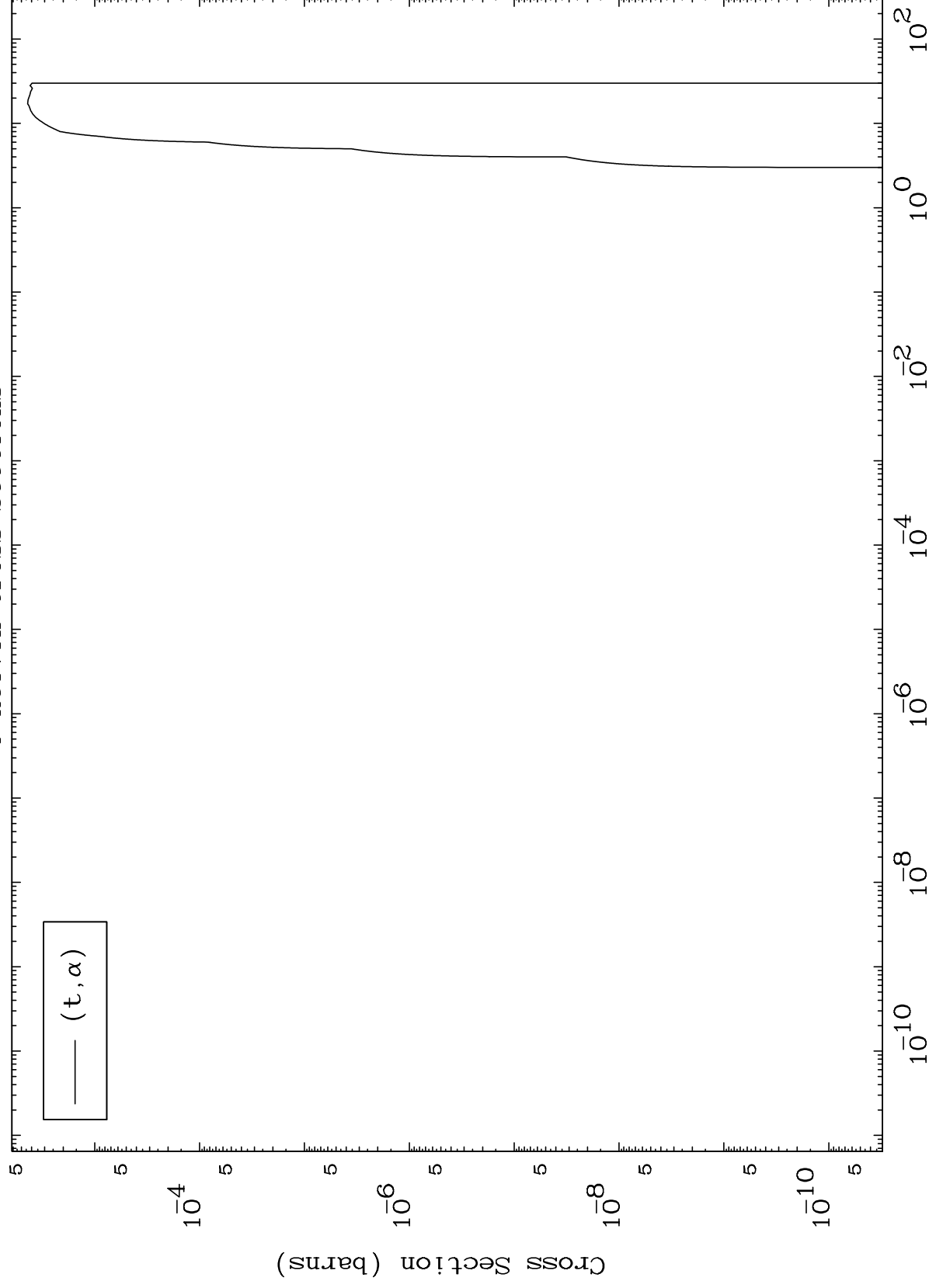
61-Pm-145



MAT 6143

(t, α) Levels
0 Kelvin Cross Sections

61-Pm-145



11

Incident Energy (MeV)

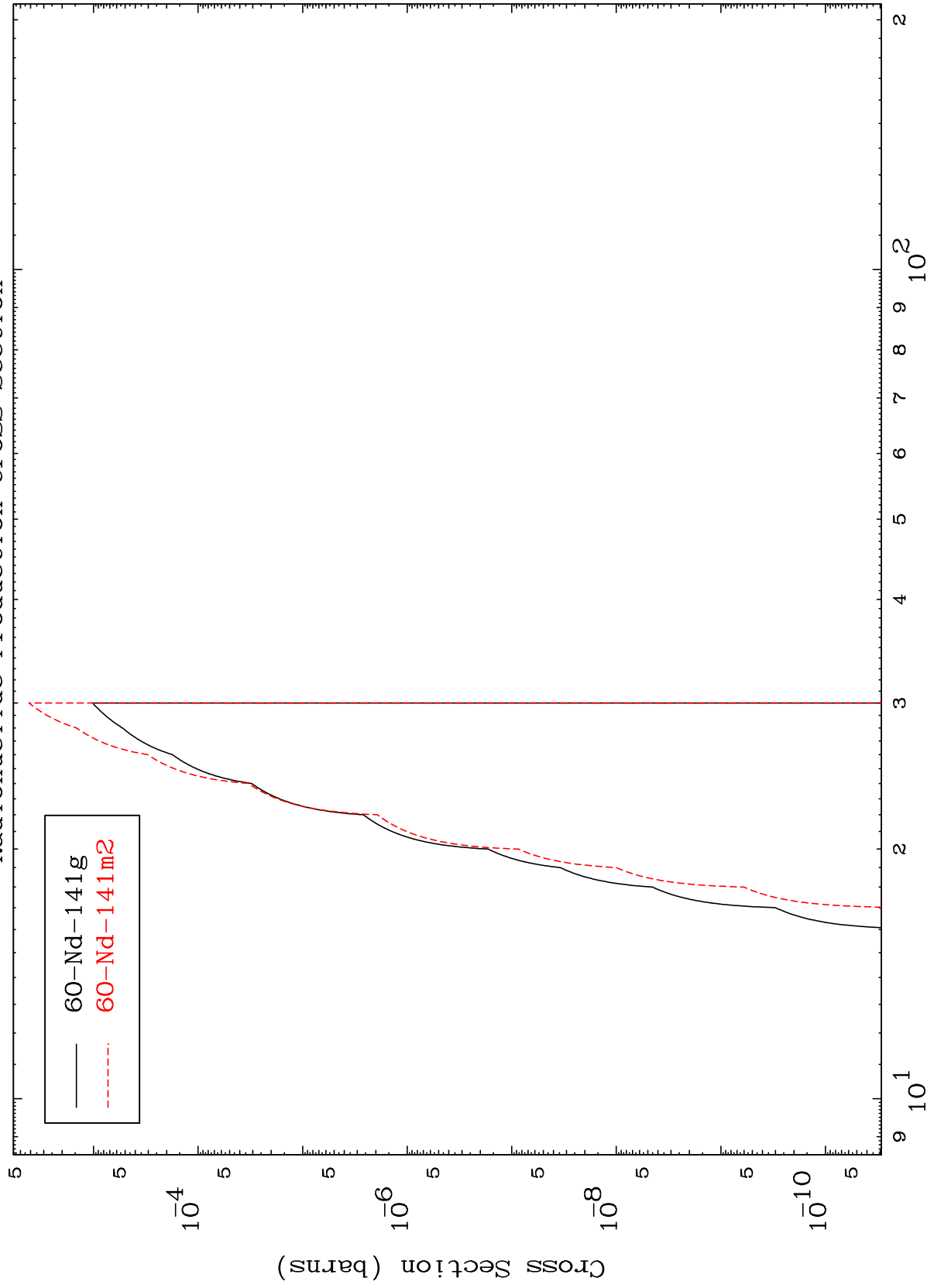
61-Pm-145

MAT 6143

$(t,3n) \alpha$

$^{61}\text{Pm}-^{145}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

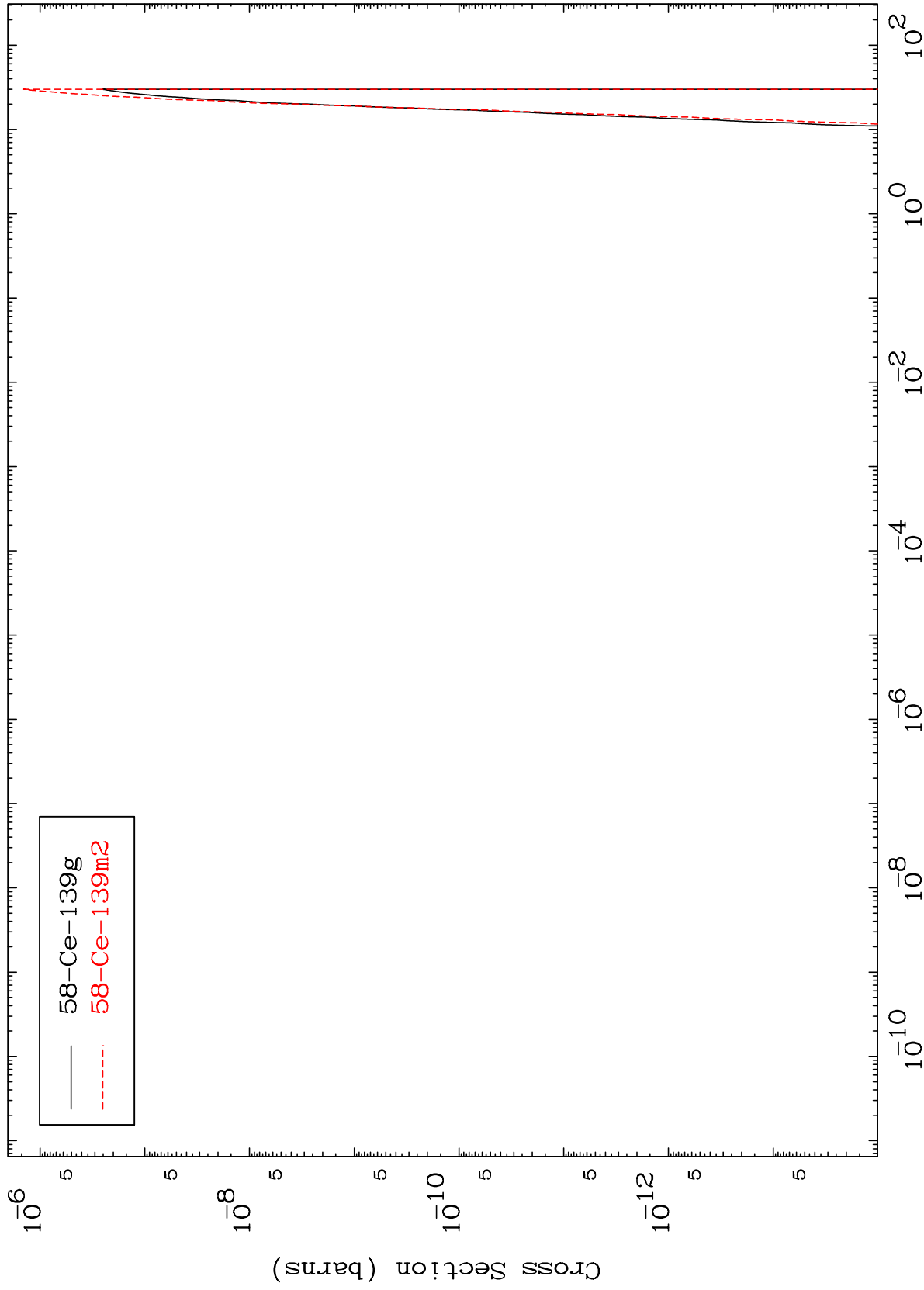
$^{61}\text{Pm}-^{145}$

MAT 6143

(t,n') 2 α

61-Pm-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

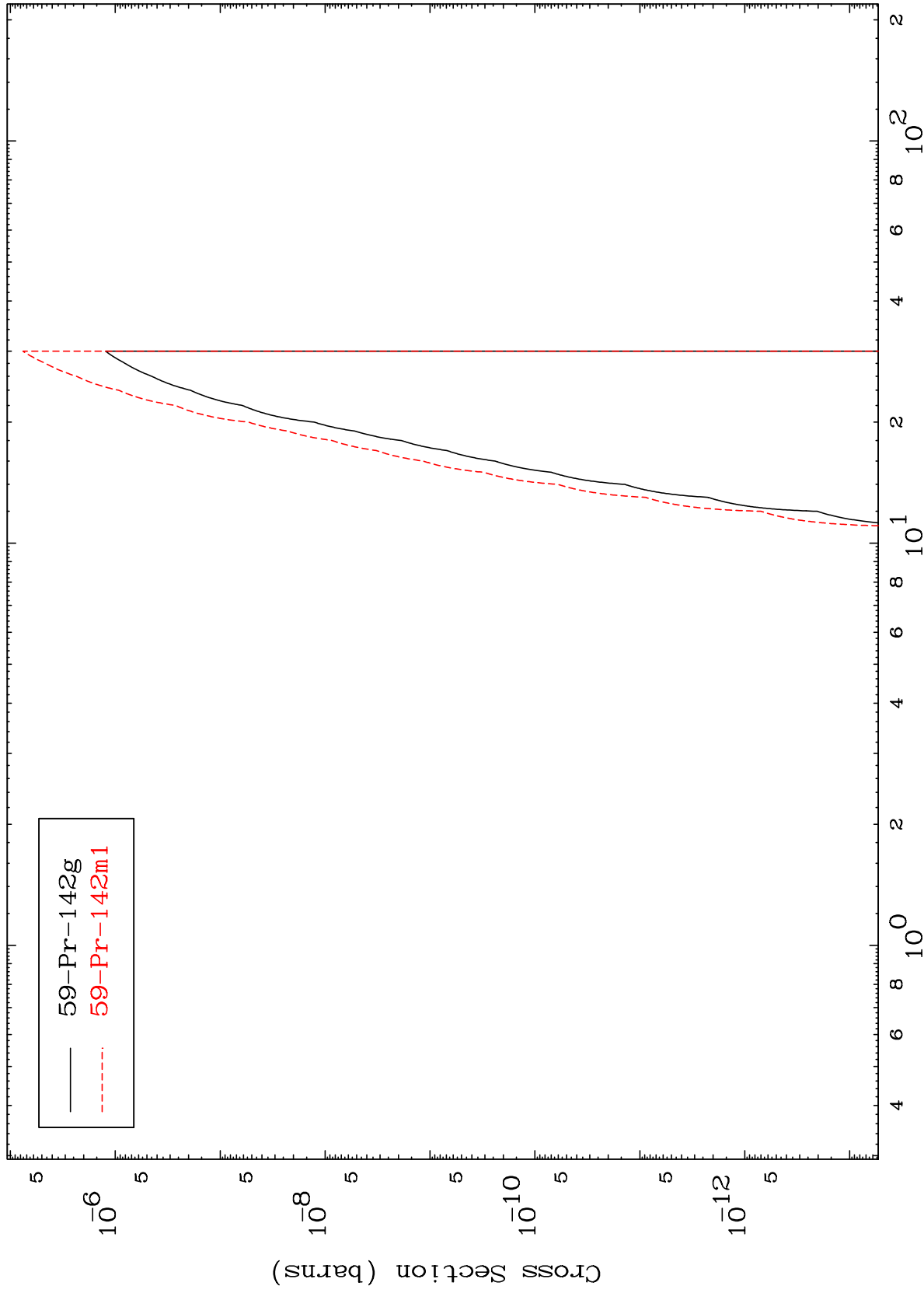
61-Pm-145

MAT 6143

(t,n') p α

61-Pm-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

61-Pm-145

