

Program EVALPLOT
(Version 2018-1)

by

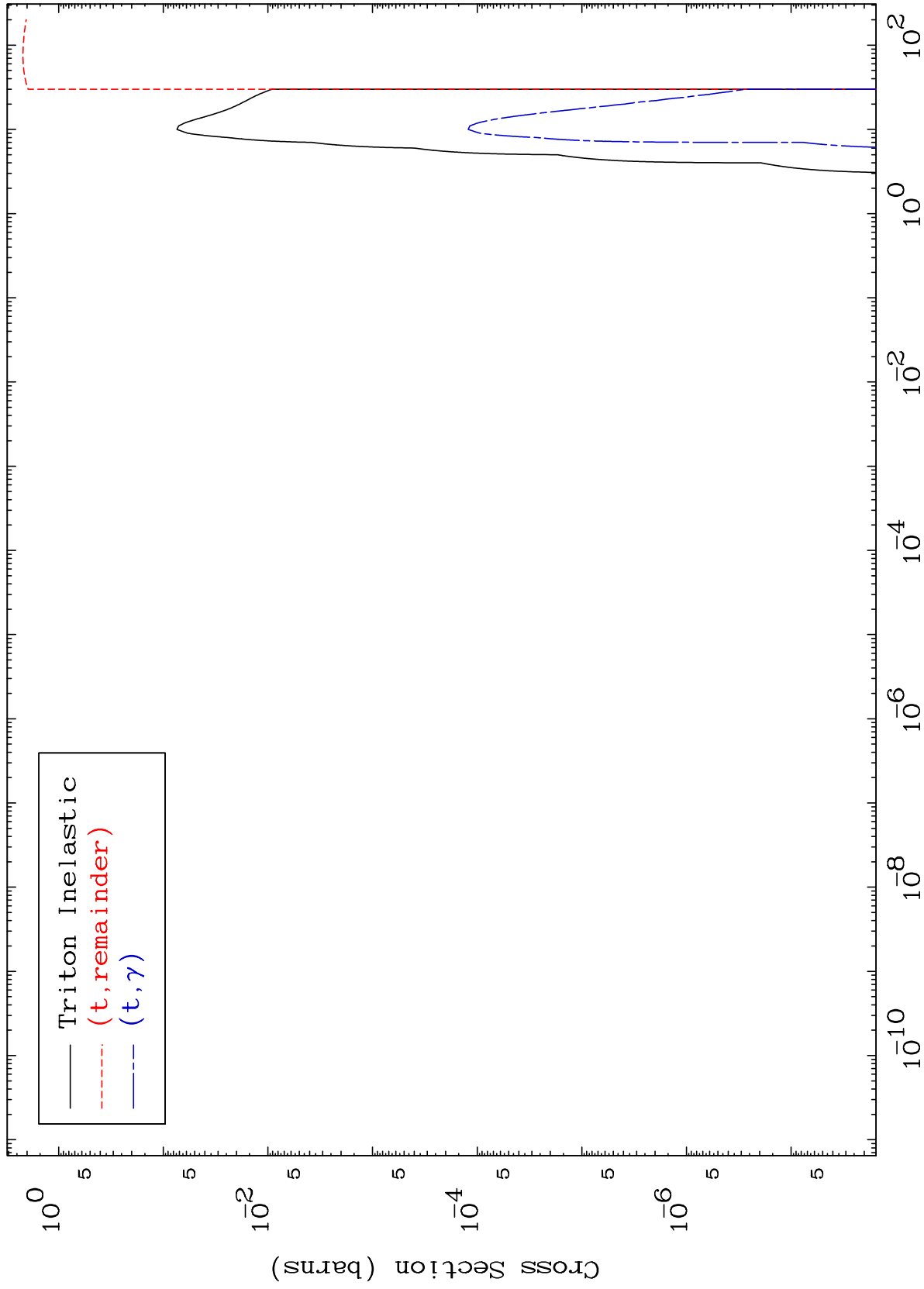
Dermott E. Cullen
(Present Contact Information)

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

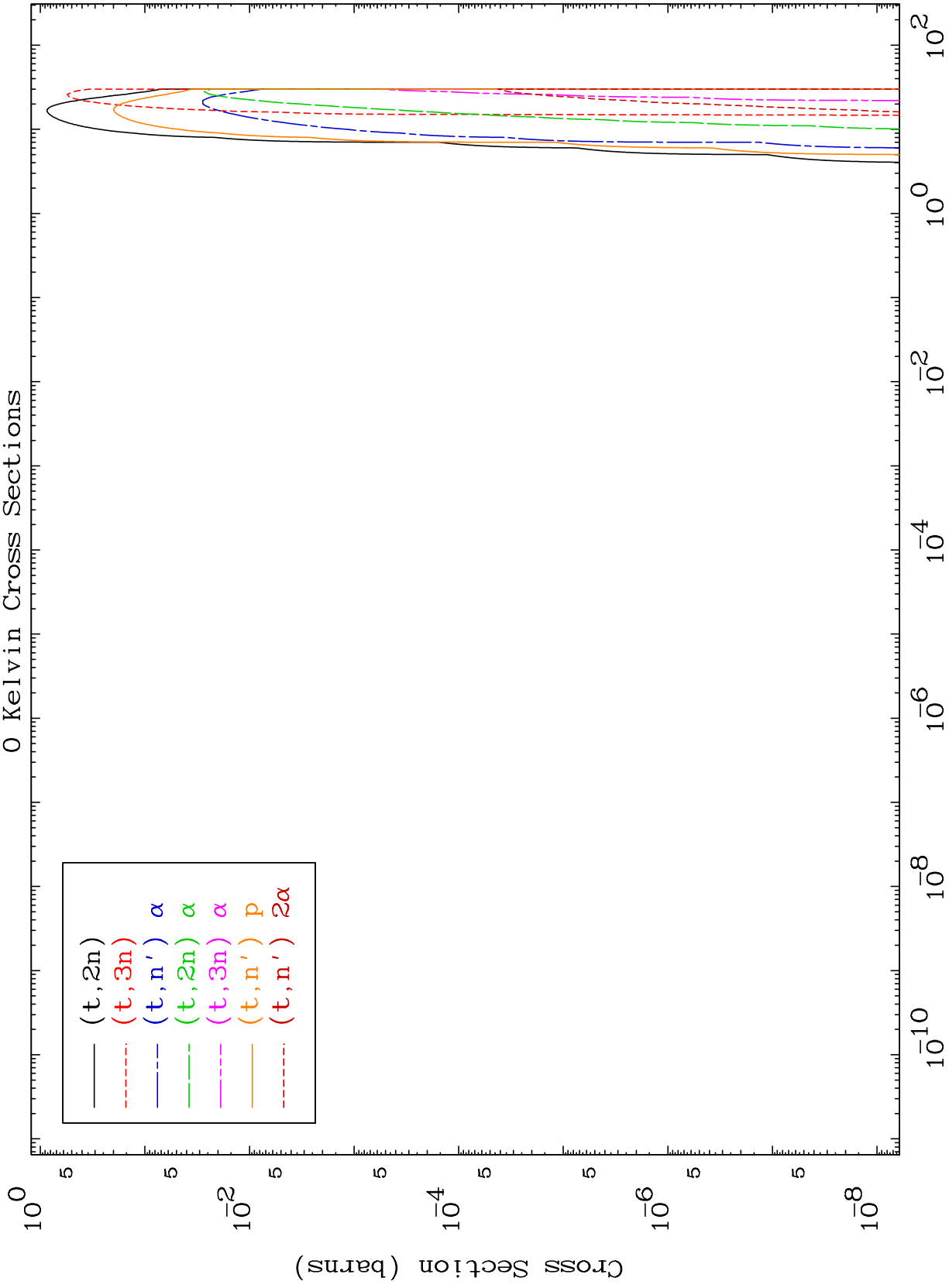
Press Mouse Button to Start



MAT 6125

Triton Neutron Production
0 Kelvin Cross Sections

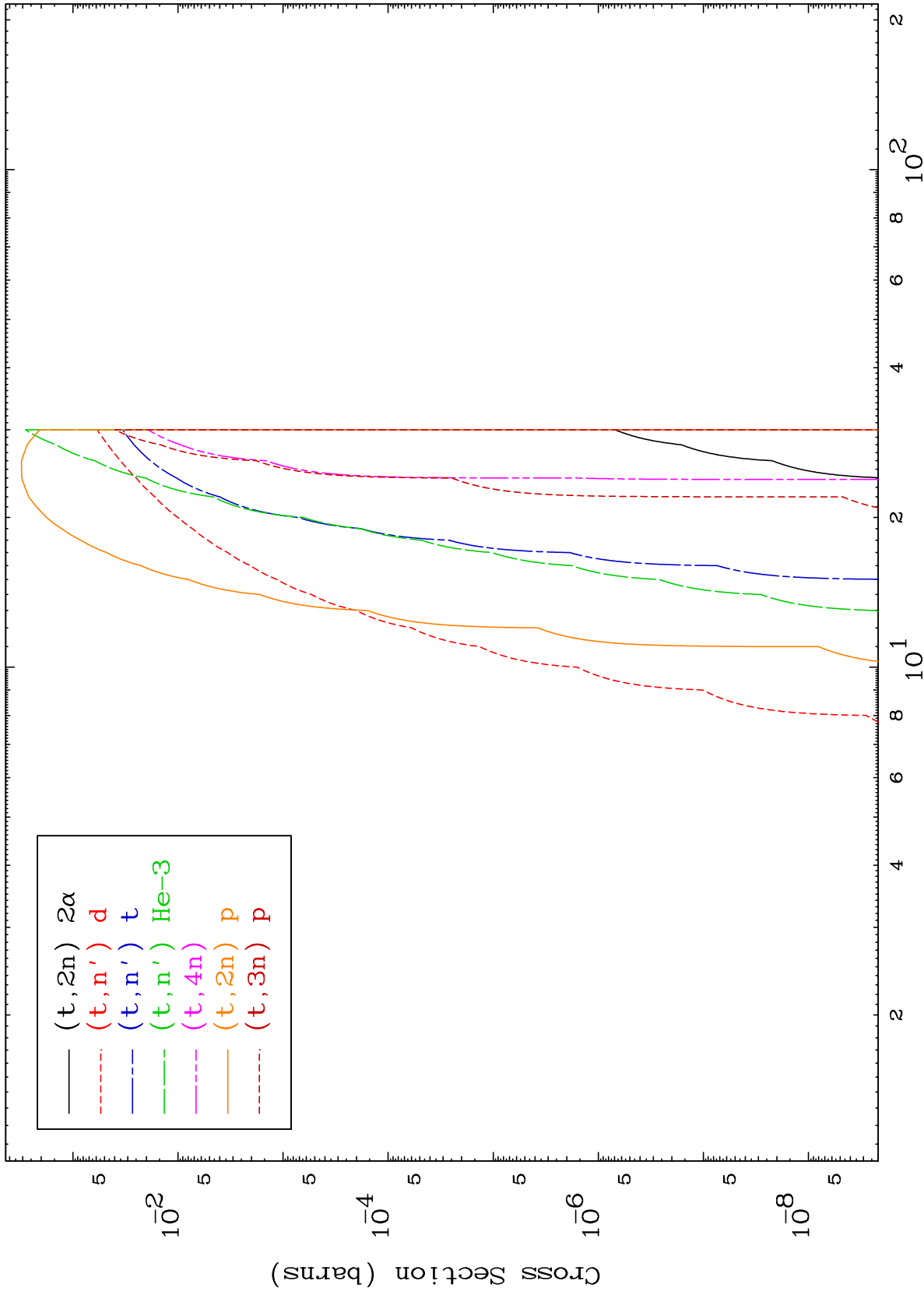
61-Pm-139



2

Incident Energy (MeV)

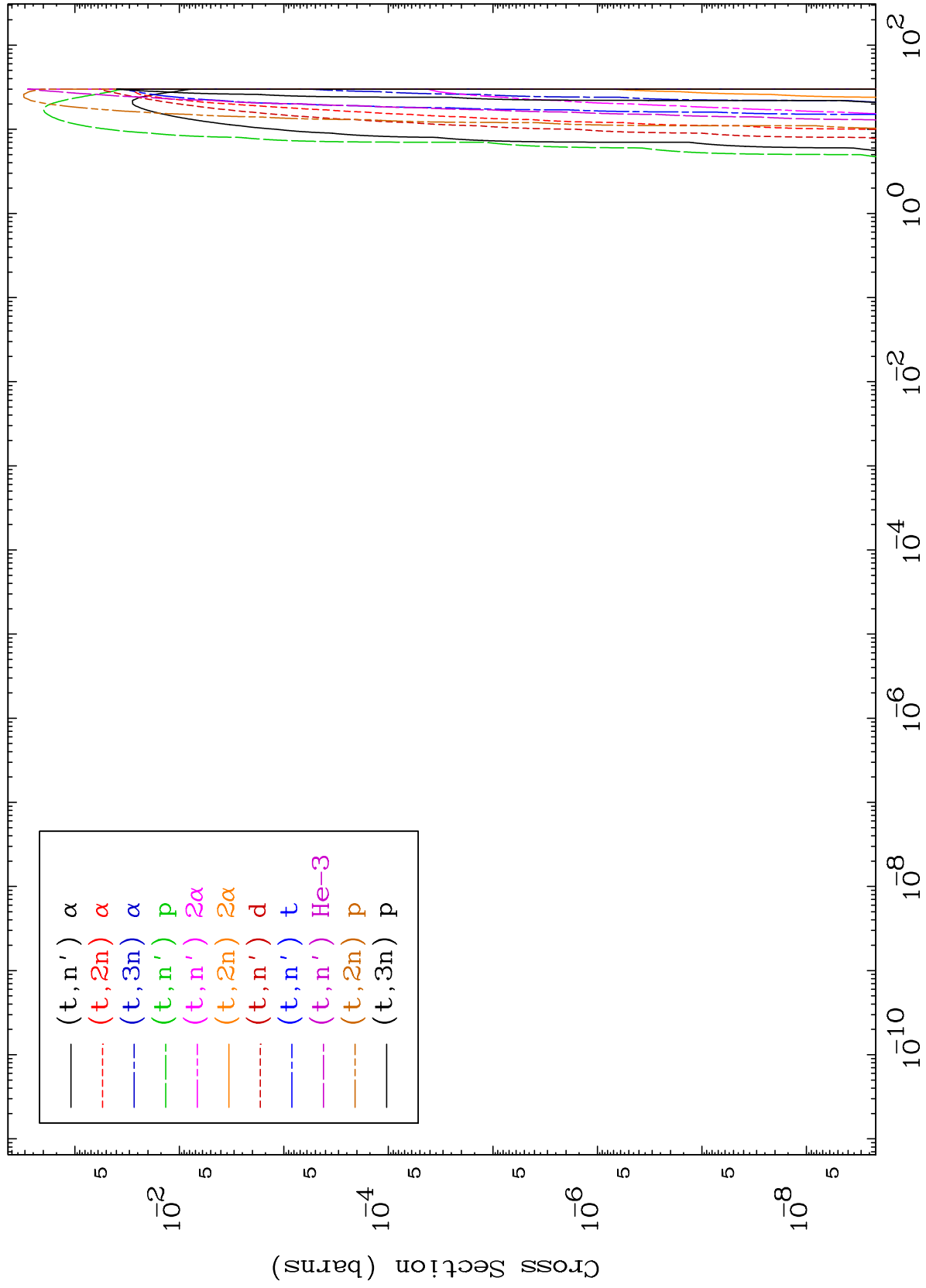
61-Pm-139



MAT 6125

Triton Charged Particle
0 Kelvin Cross Sections

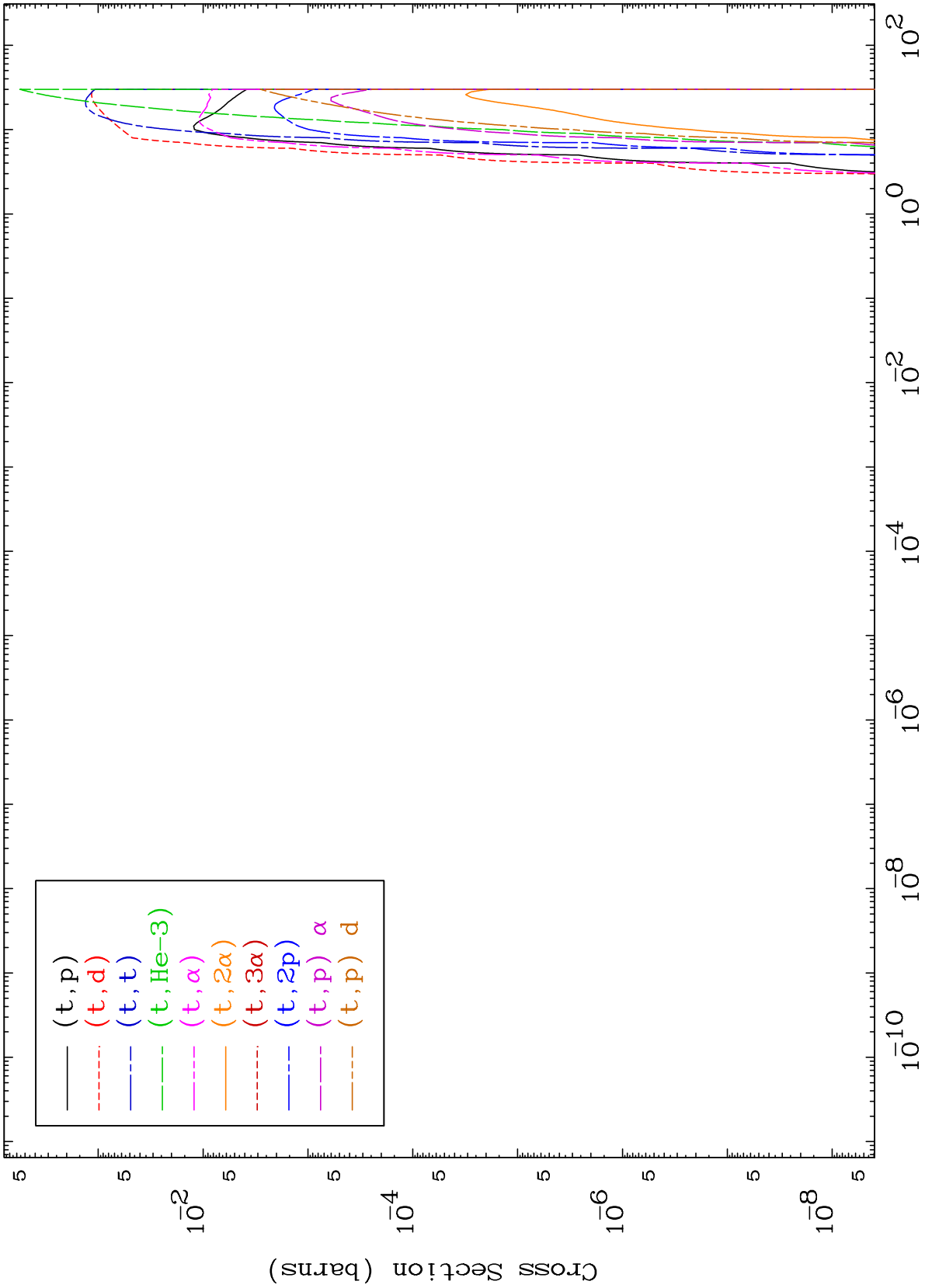
61-Pm-139



MAT 6125

Triton Charged Particle
0 Kelvin Cross Sections

61-Pm-139



5

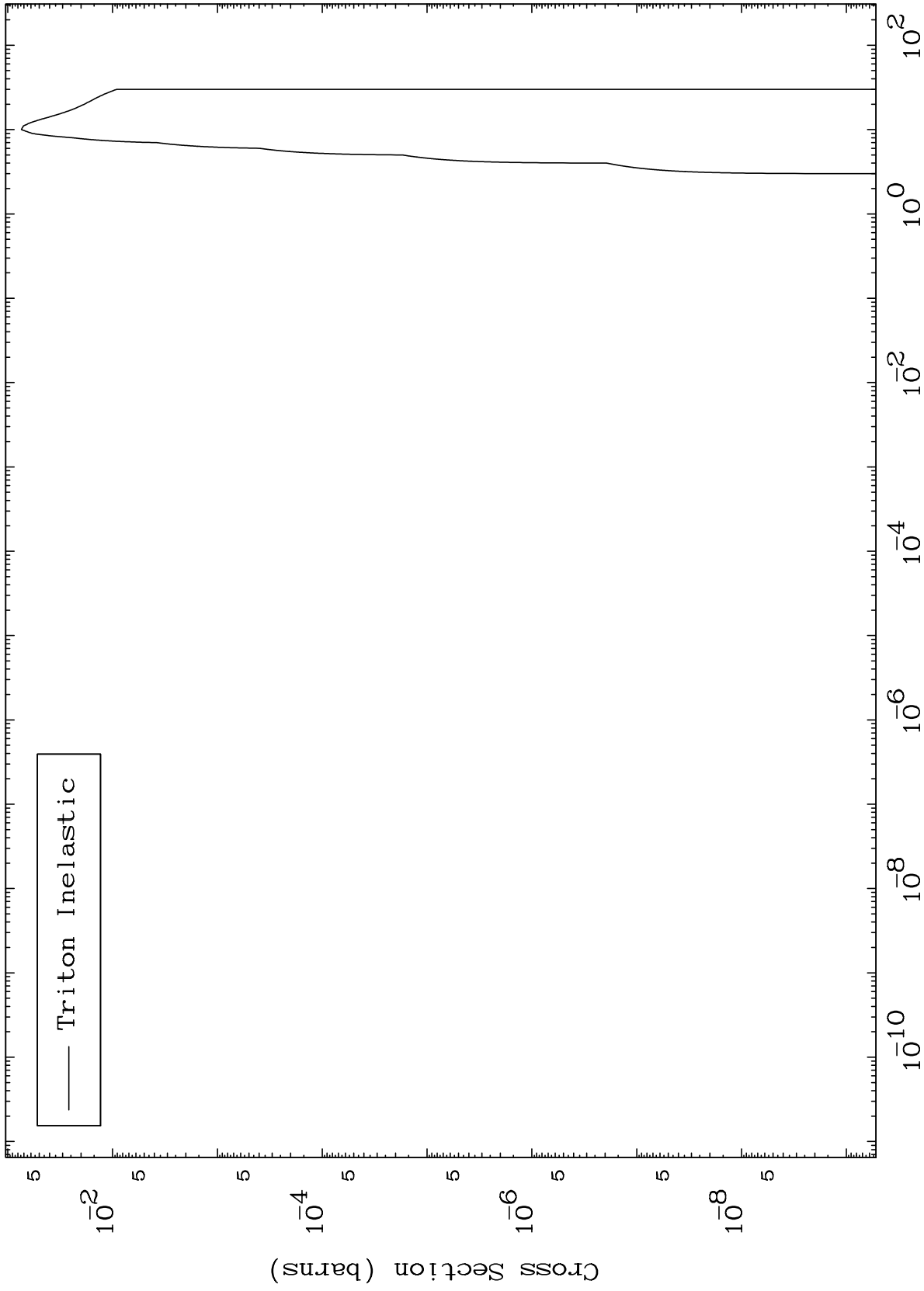
Incident Energy (MeV)

61-Pm-139

MAT 6125

(t,n') Level
0 Kelvin Cross Sections

61-Pm-139



6

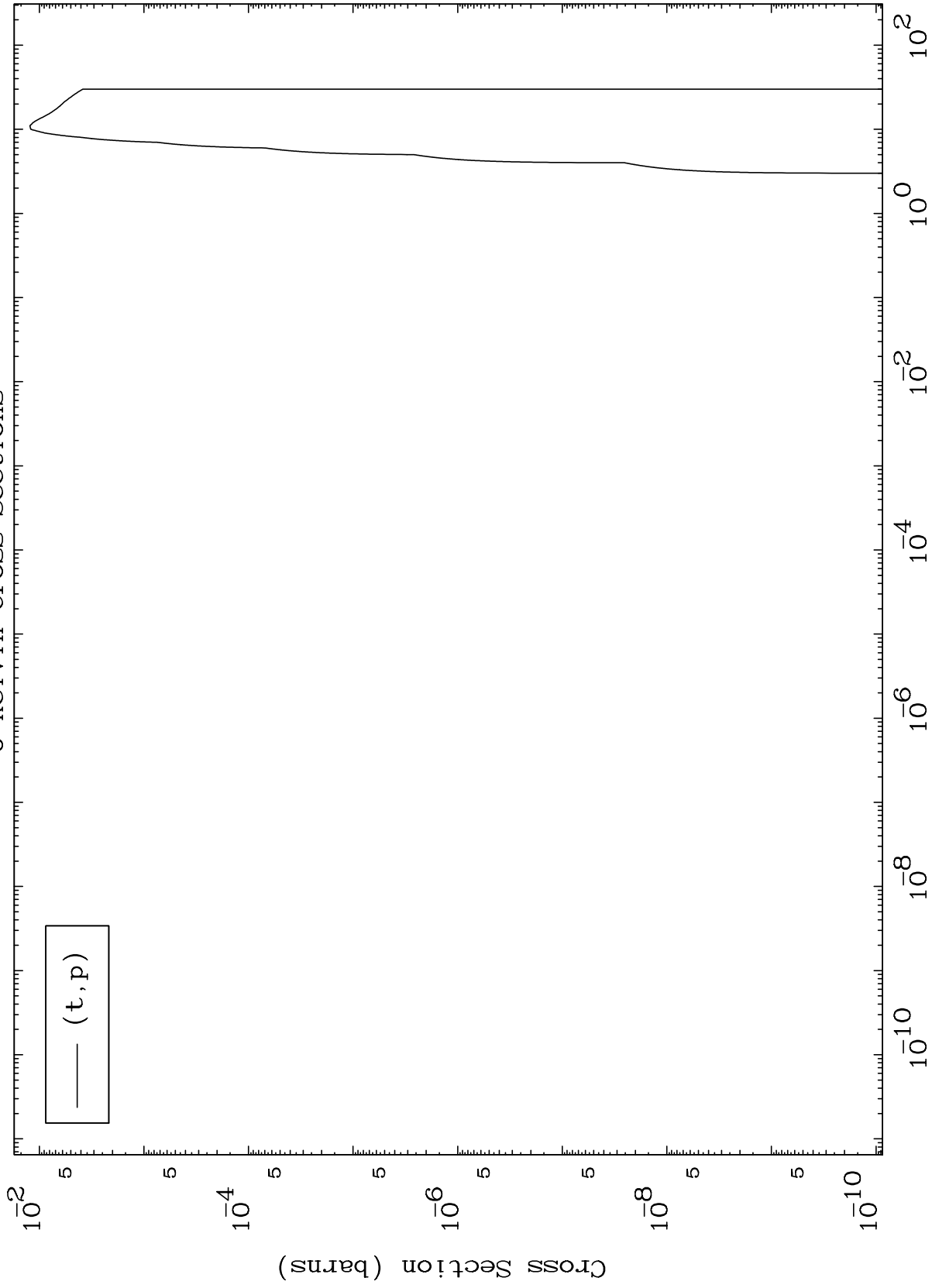
Incident Energy (MeV)

61-Pm-139

MAT 6125

(t,p) Levels
0 Kelvin Cross Sections

61-Pm-139



7

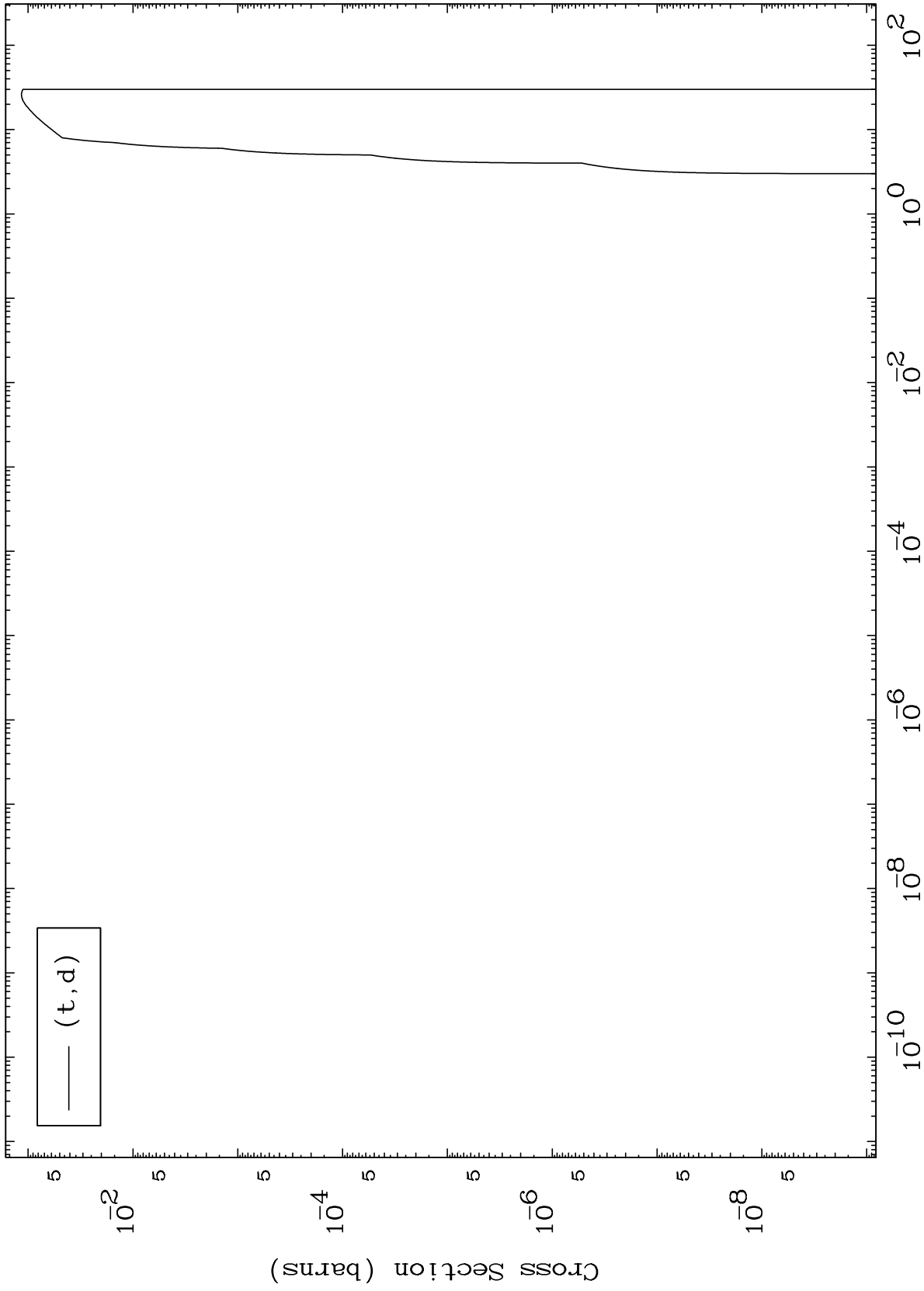
Incident Energy (MeV)

61-Pm-139

MAT 6125

(t,d) Levels
0 Kelvin Cross Sections

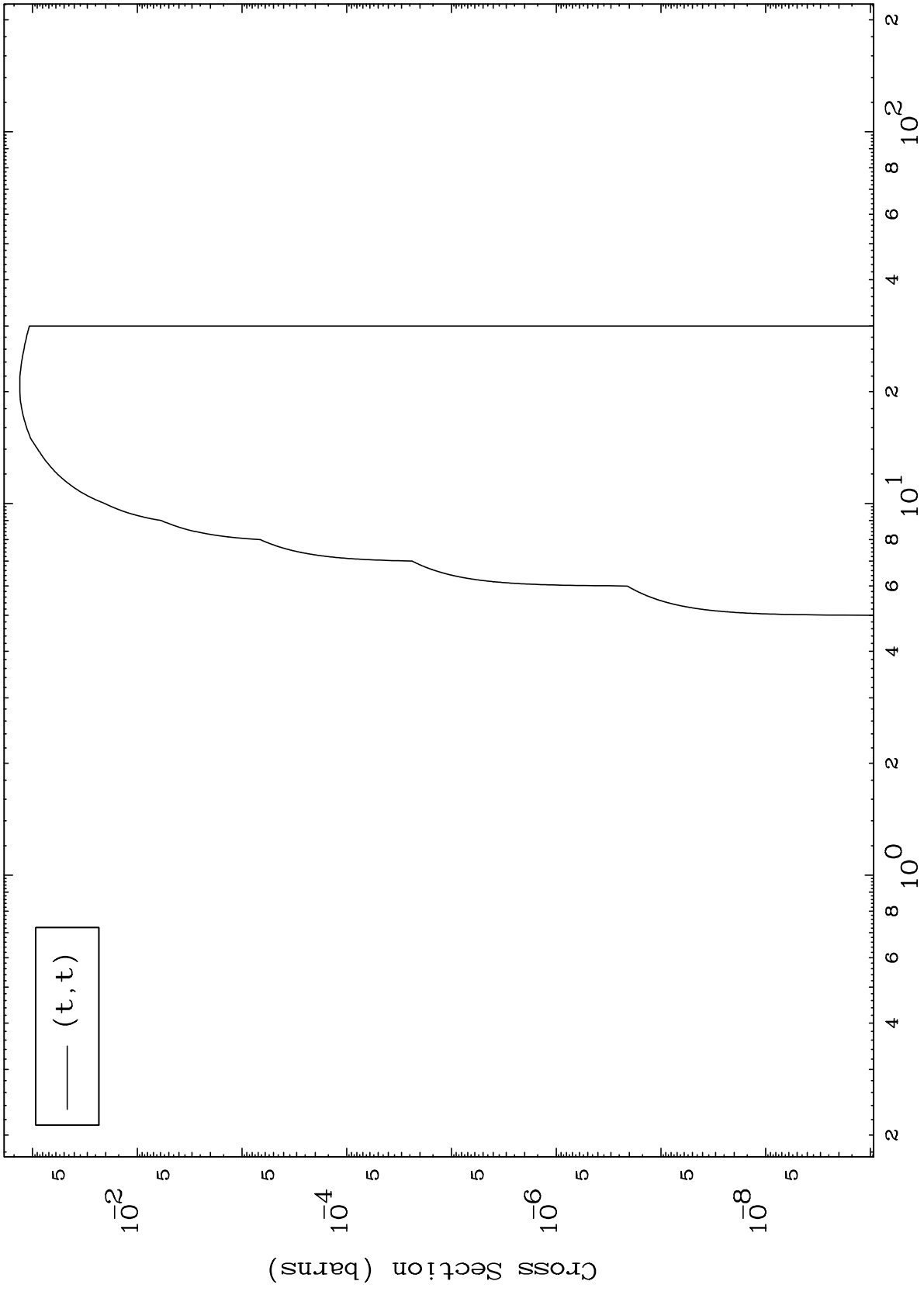
61-Pm-139



MAT 6125

(t,t) Levels
0 Kelvin Cross Sections

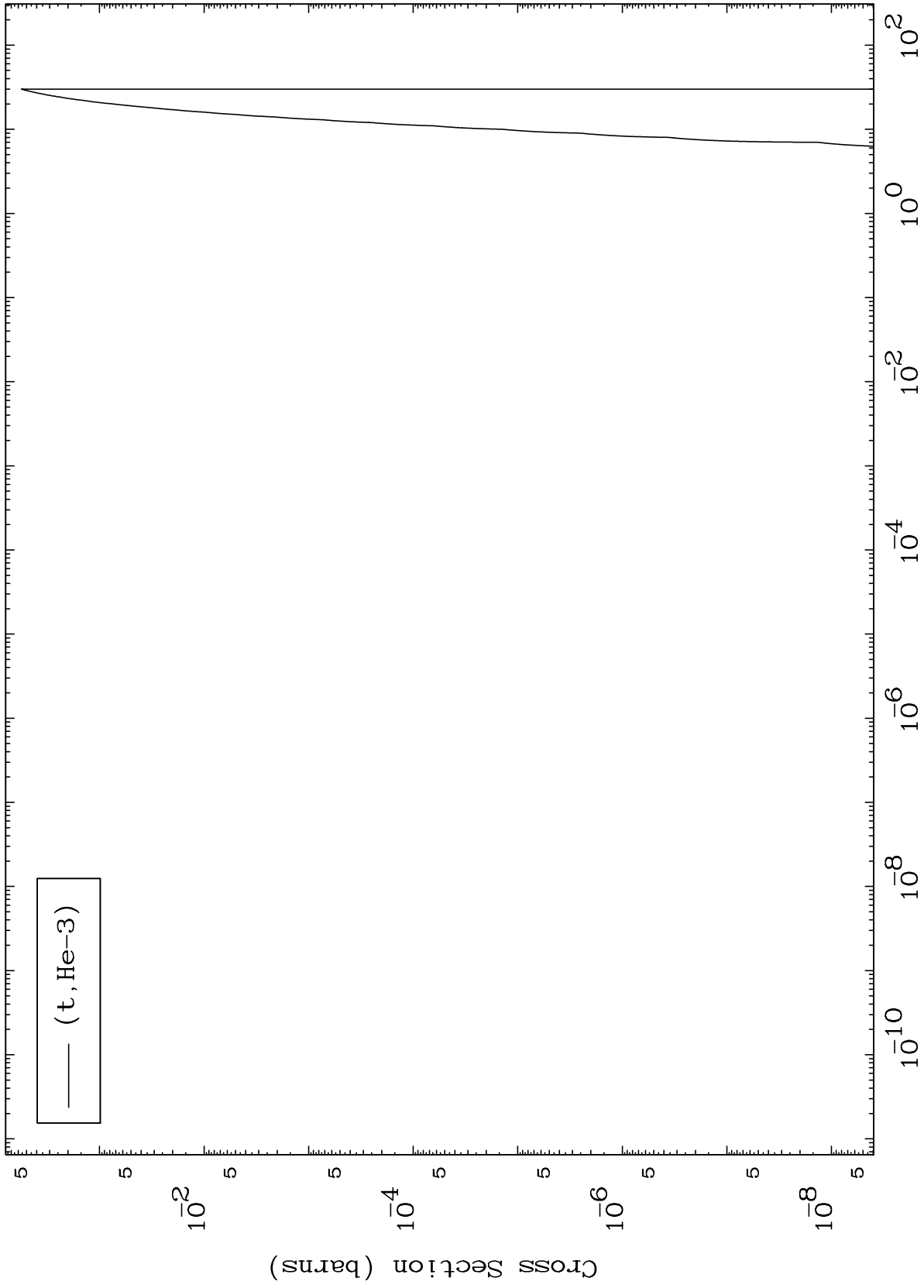
61-Pm-139



MAT 6125

(t,He3) Levels
0 Kelvin Cross Sections

61-Pm-139



10

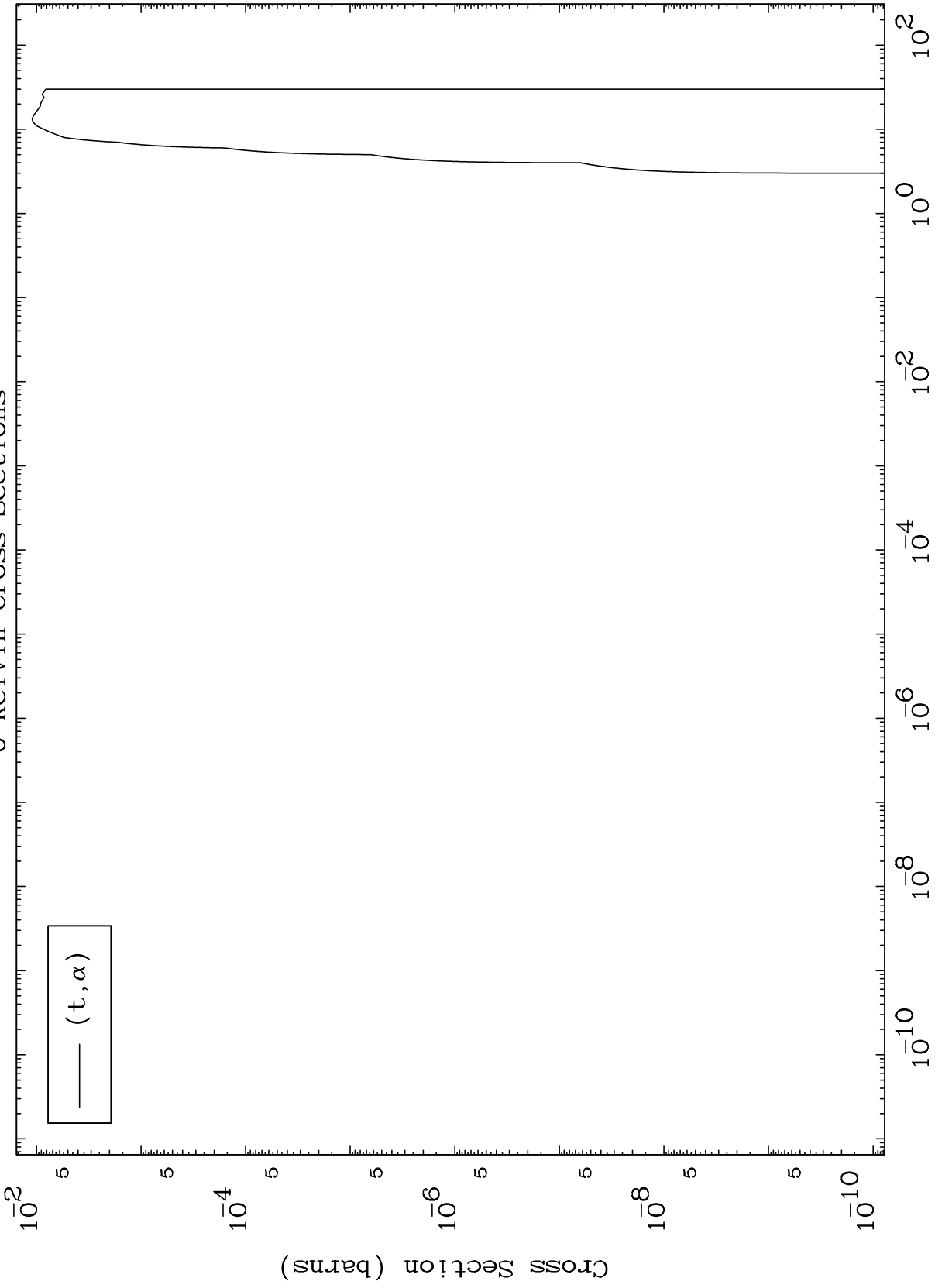
Incident Energy (MeV)

61-Pm-139

MAT 6125

(t, α) Levels
0 Kelvin Cross Sections

61-Pm-139



11

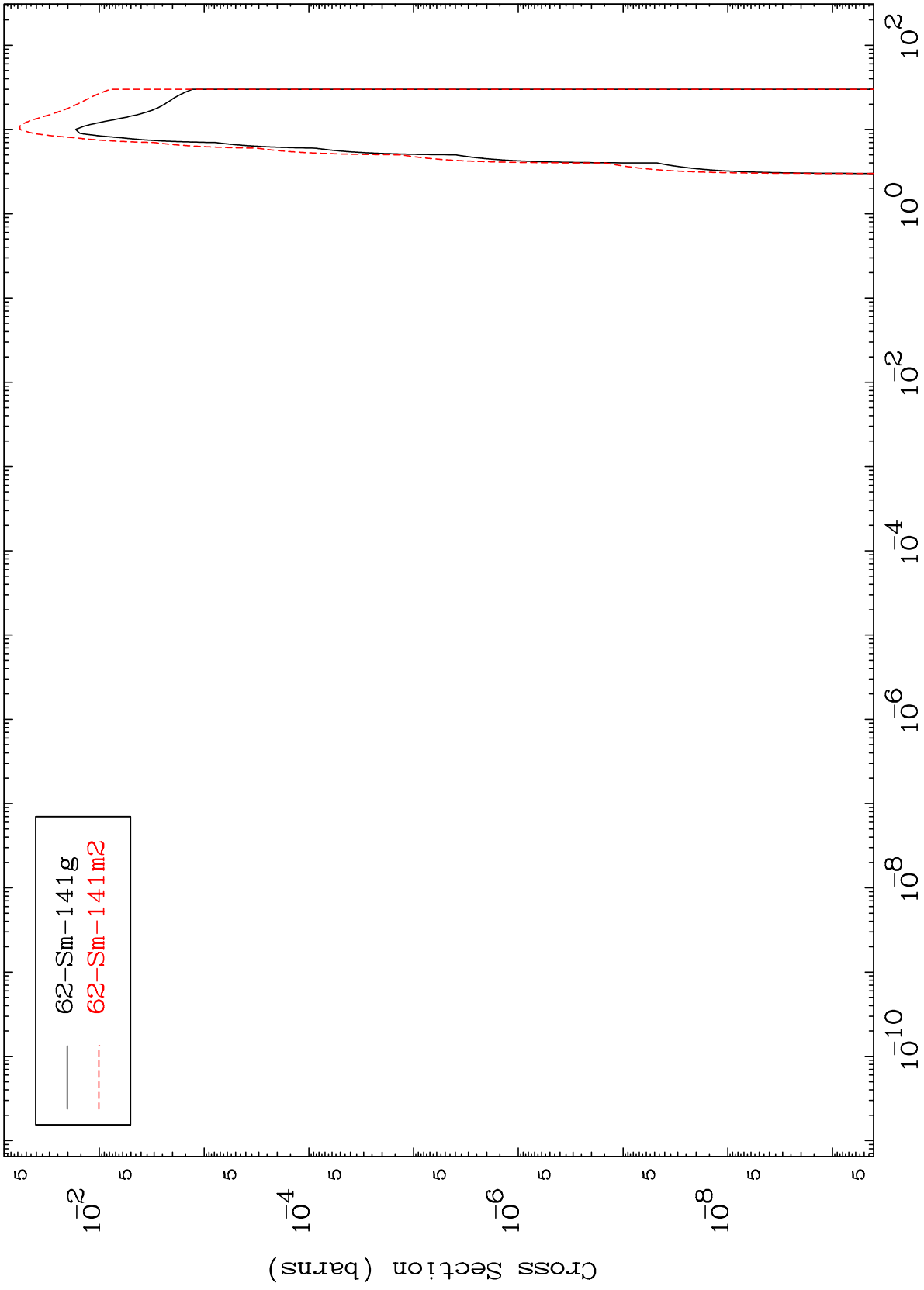
Incident Energy (MeV)

61-Pm-139

MAT 6125

Triton Inelastic
Radionuclide Production Cross Section

61-Pm-139



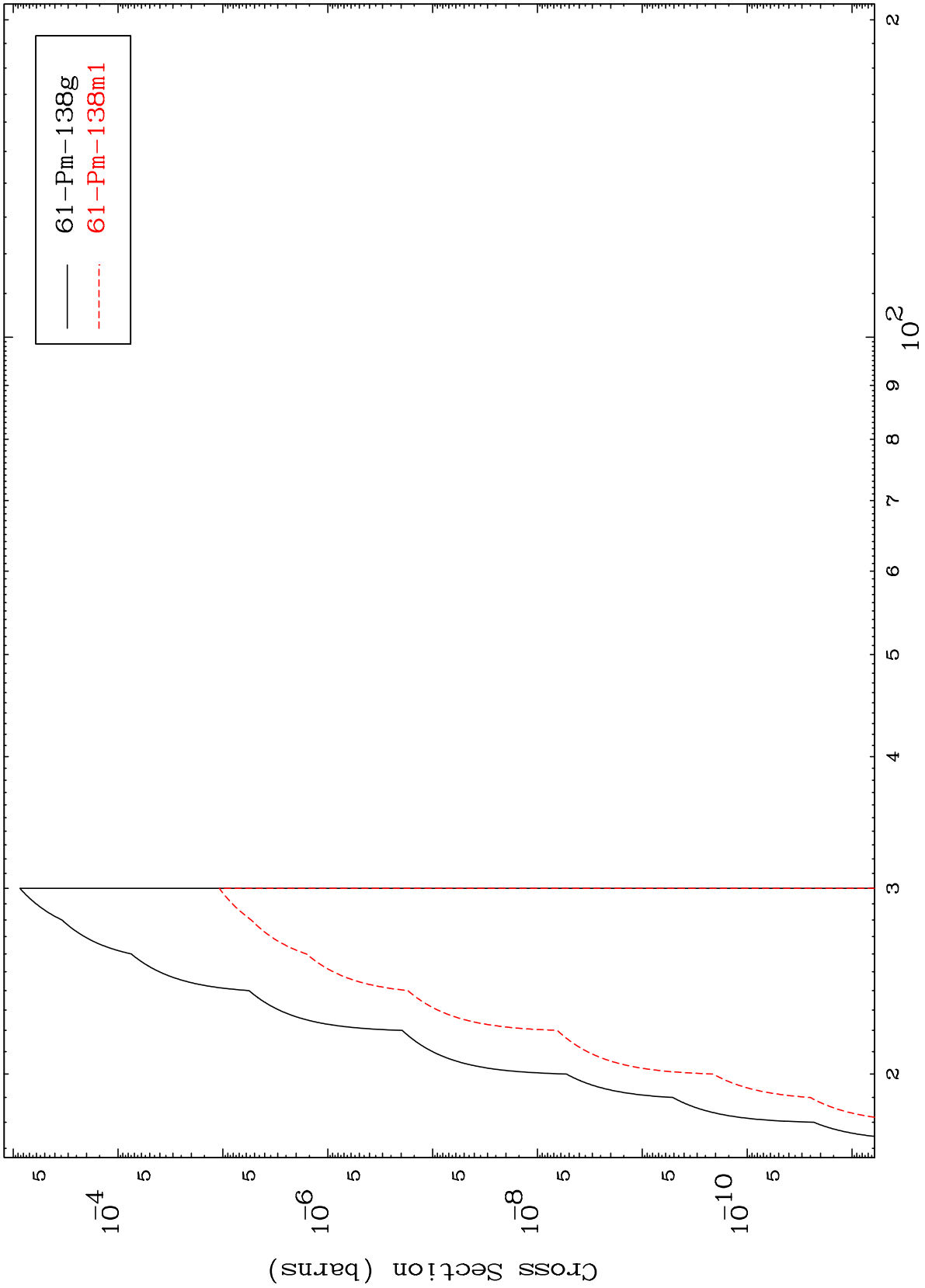
61-Pm-139

MAT 6125

(t,2n) d

61-Pm-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

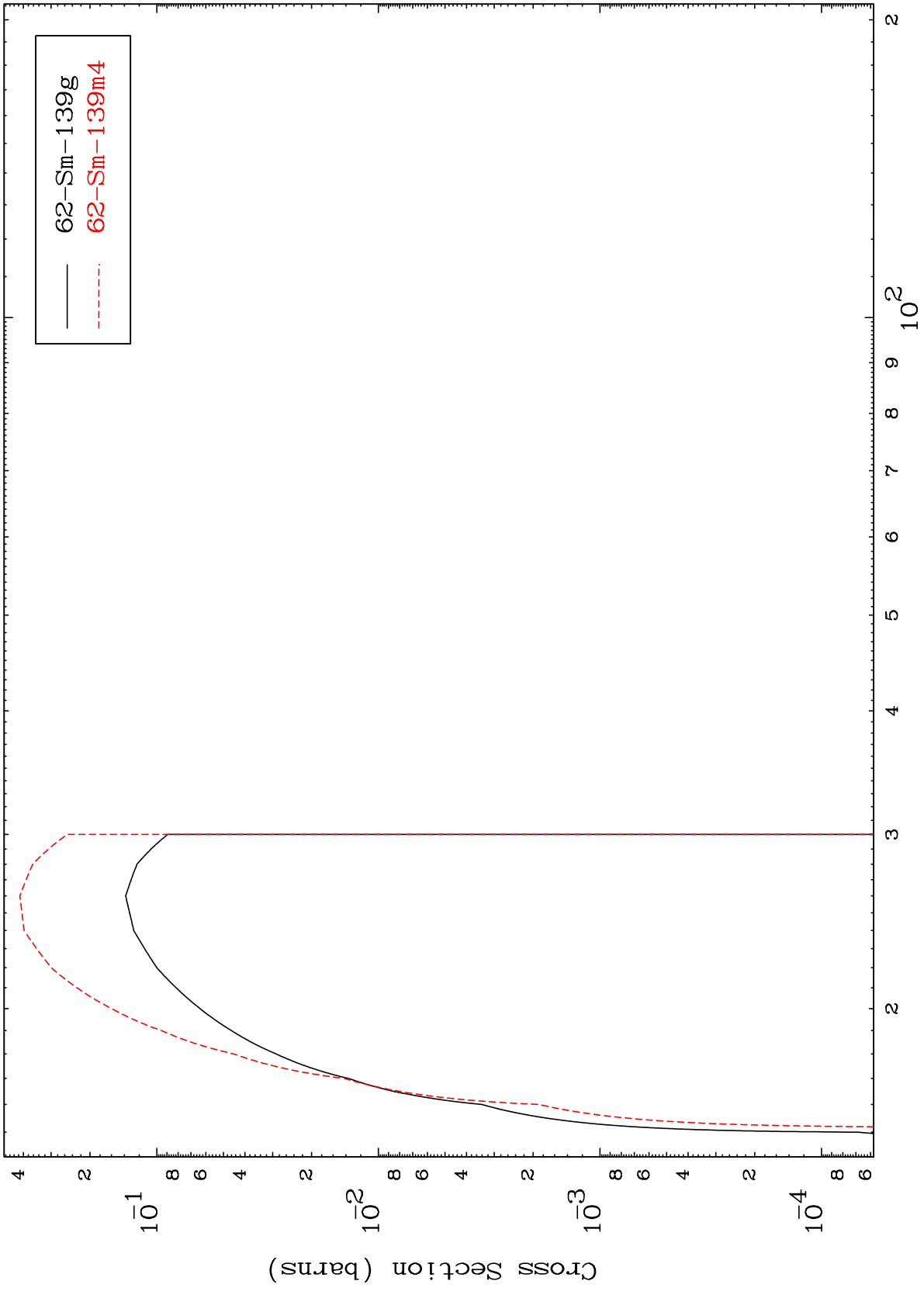
61-Pm-139

MAT 6125

(t,3n)

61-Pm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

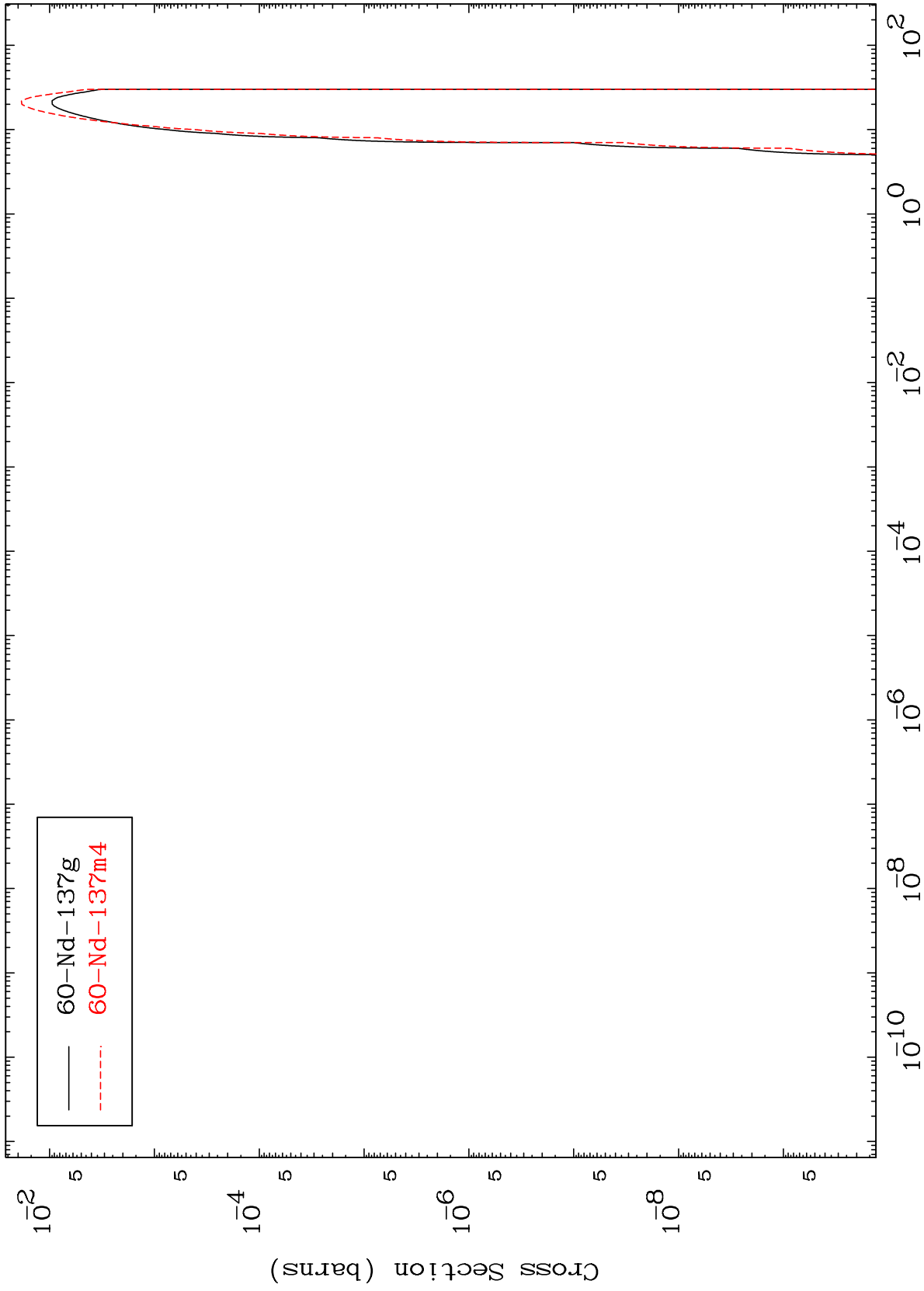
61-Pm-139

MAT 6125

(t,n') α

61-Pm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

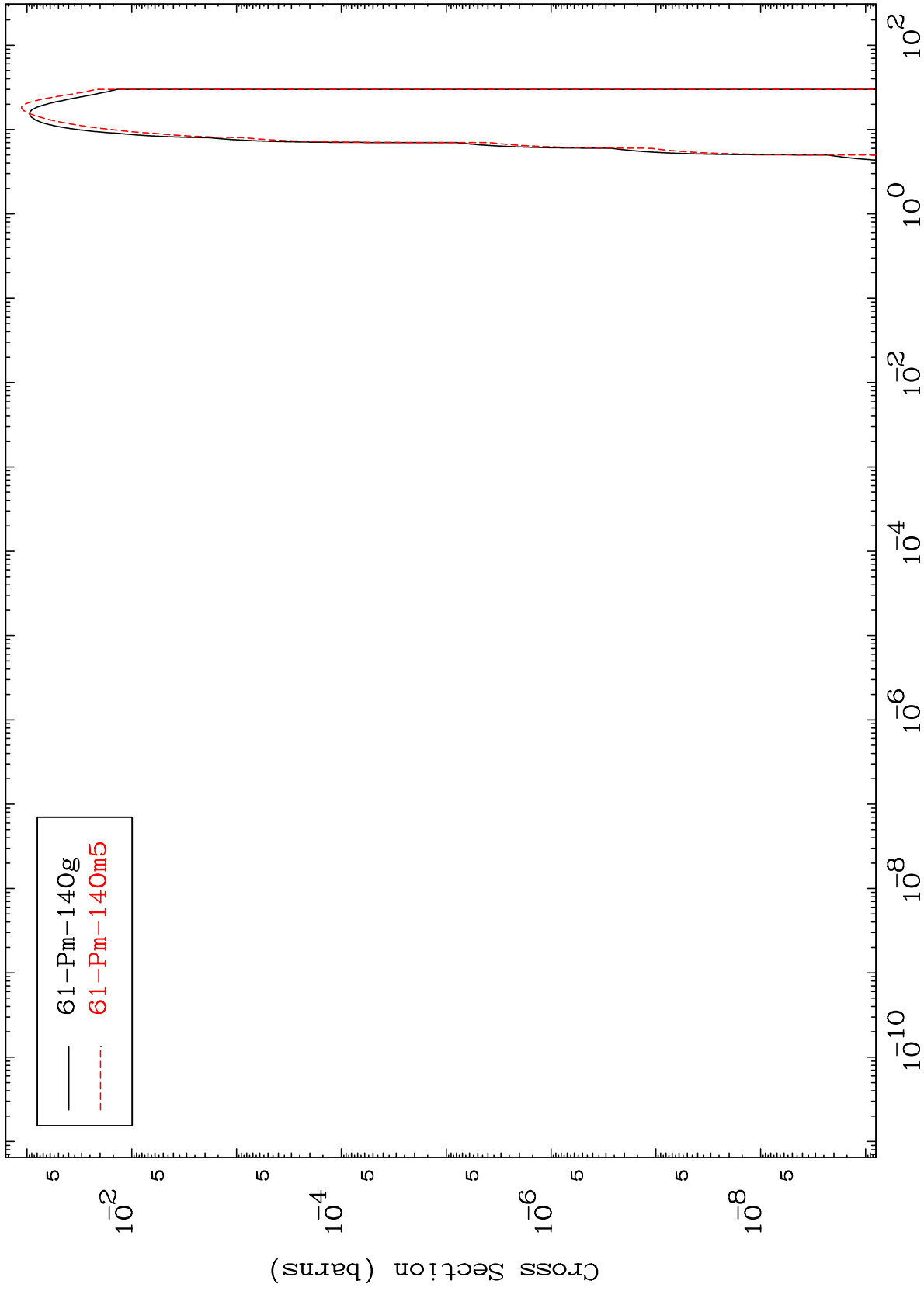
61-Pm-139

MAT 6125

(t,n') p

61-Pm-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

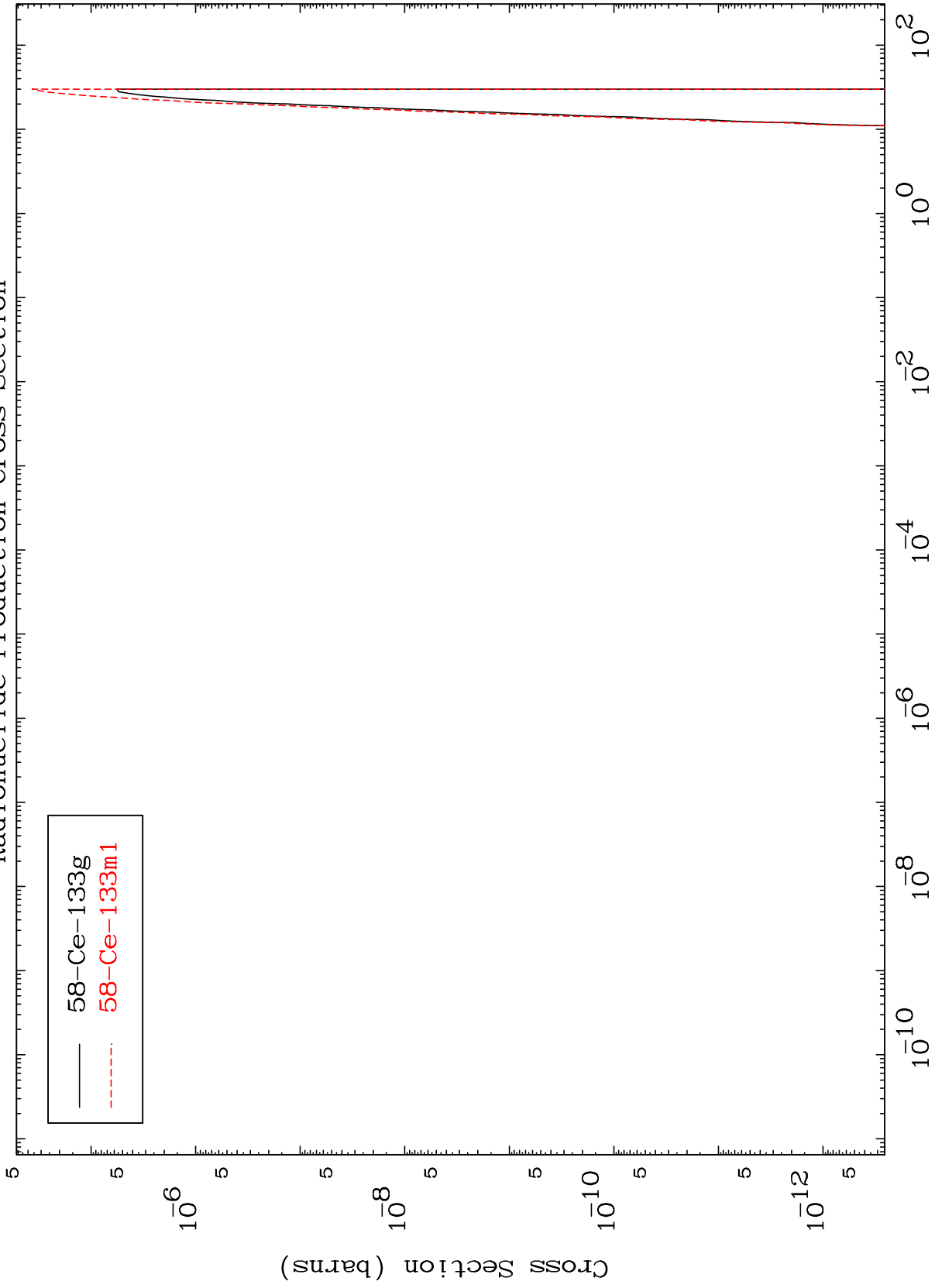
61-Pm-139

MAT 6125

(t,n') 2 α

61-Pm-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

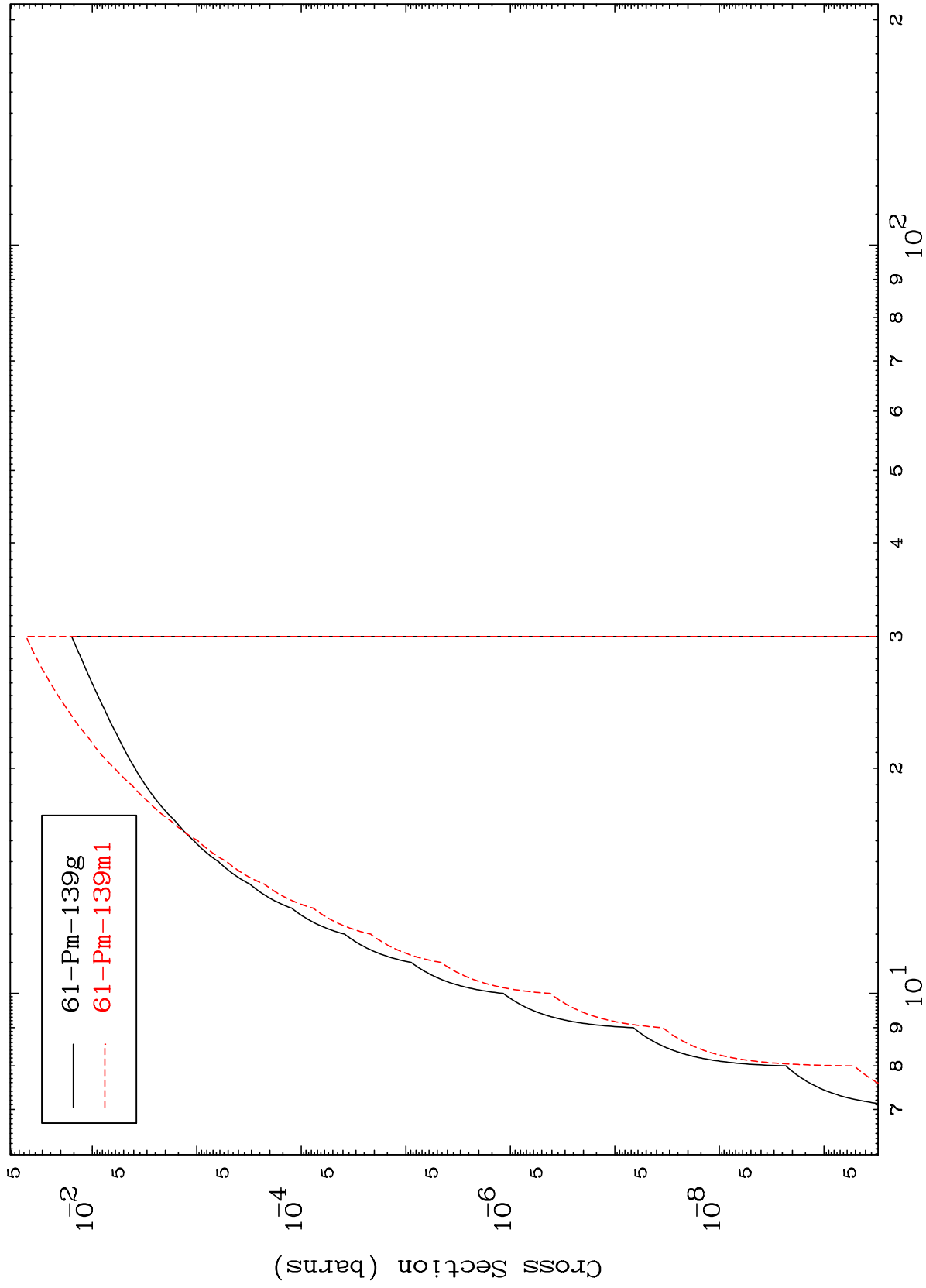
61-Pm-139

MAT 6125

(t,n') d

61-Pm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

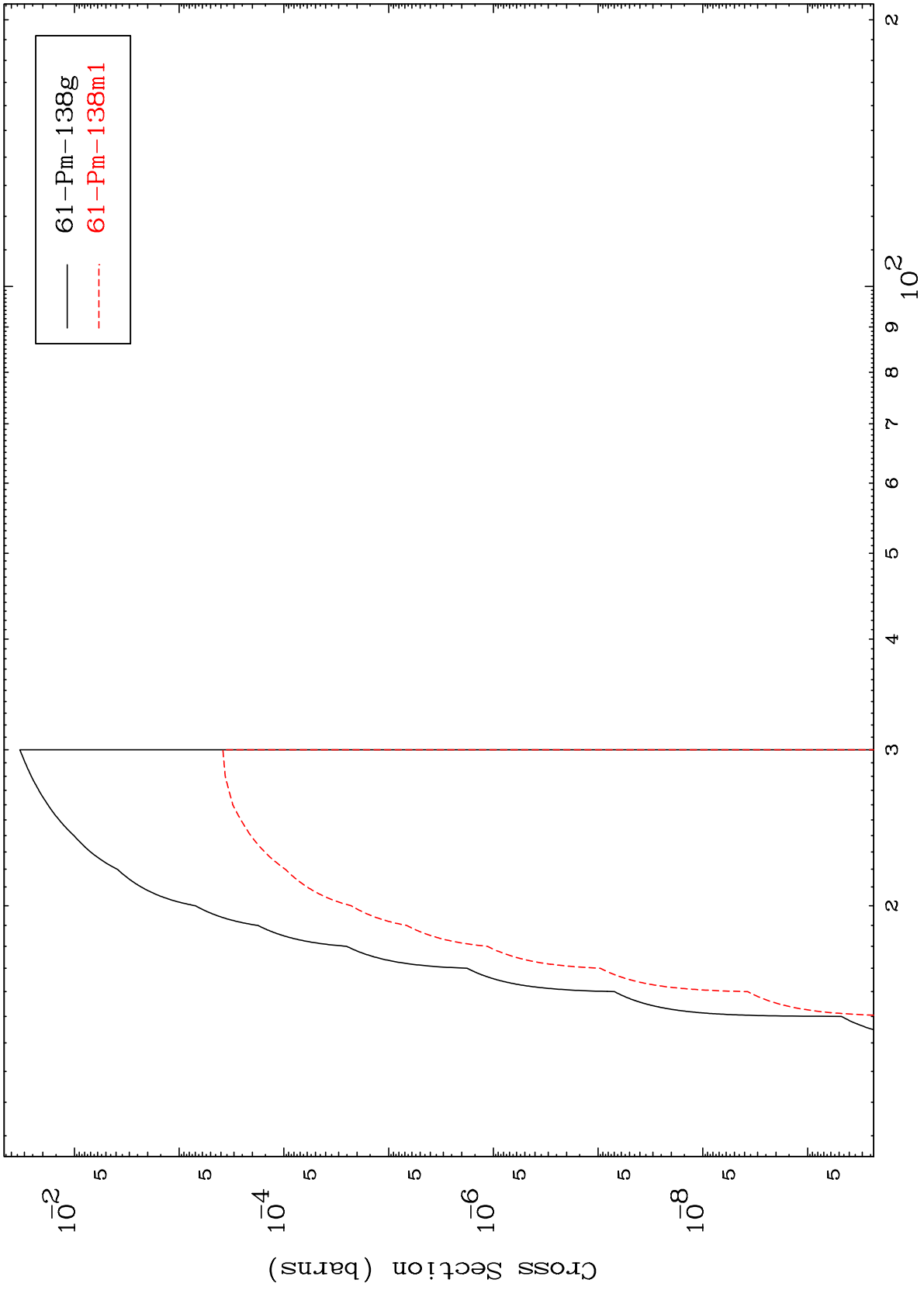
61-Pm-139

MAT 6125

(t,n') t

61-Pm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

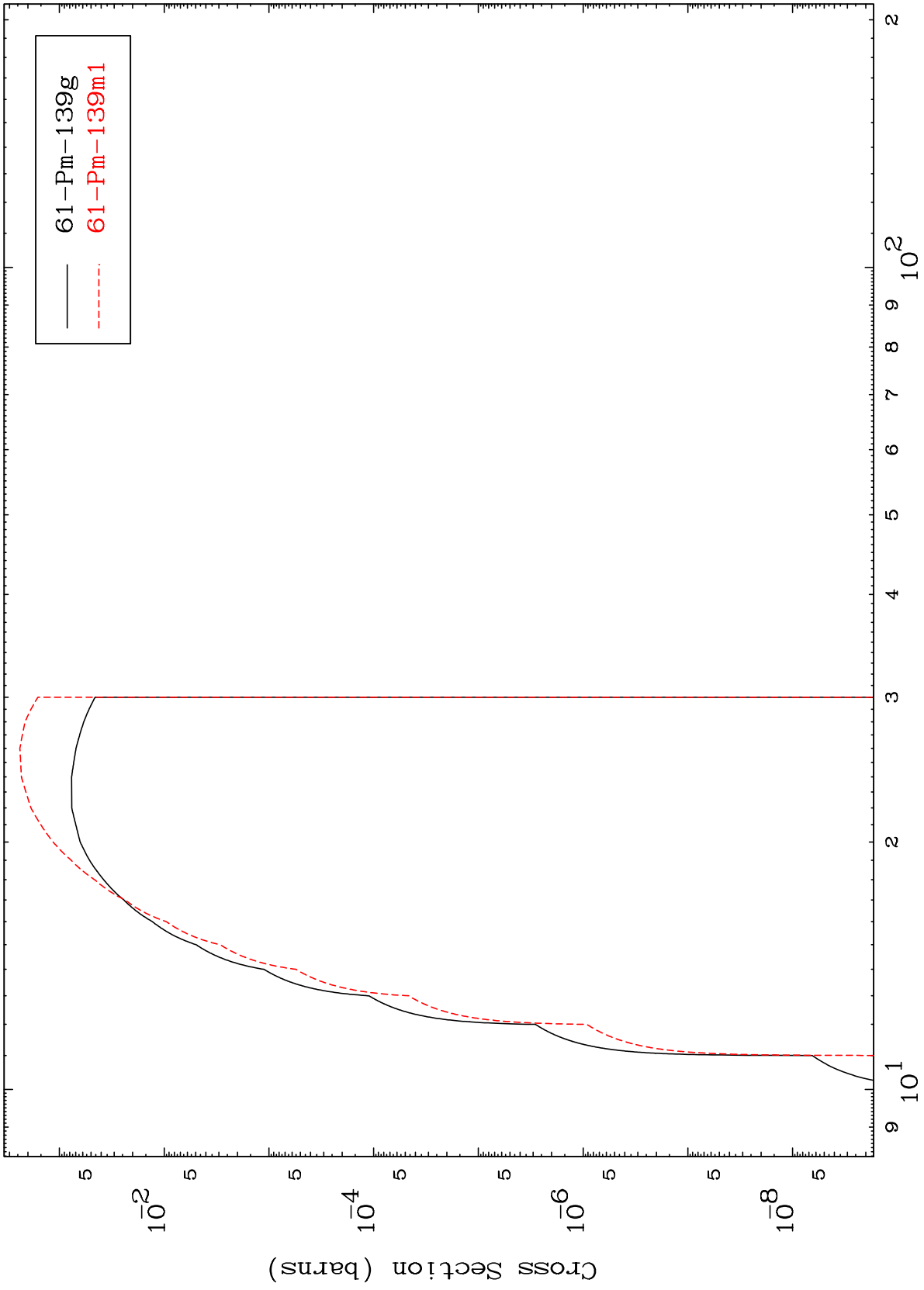
61-Pm-139

MAT 6125

(t,2n) p

61-Pm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

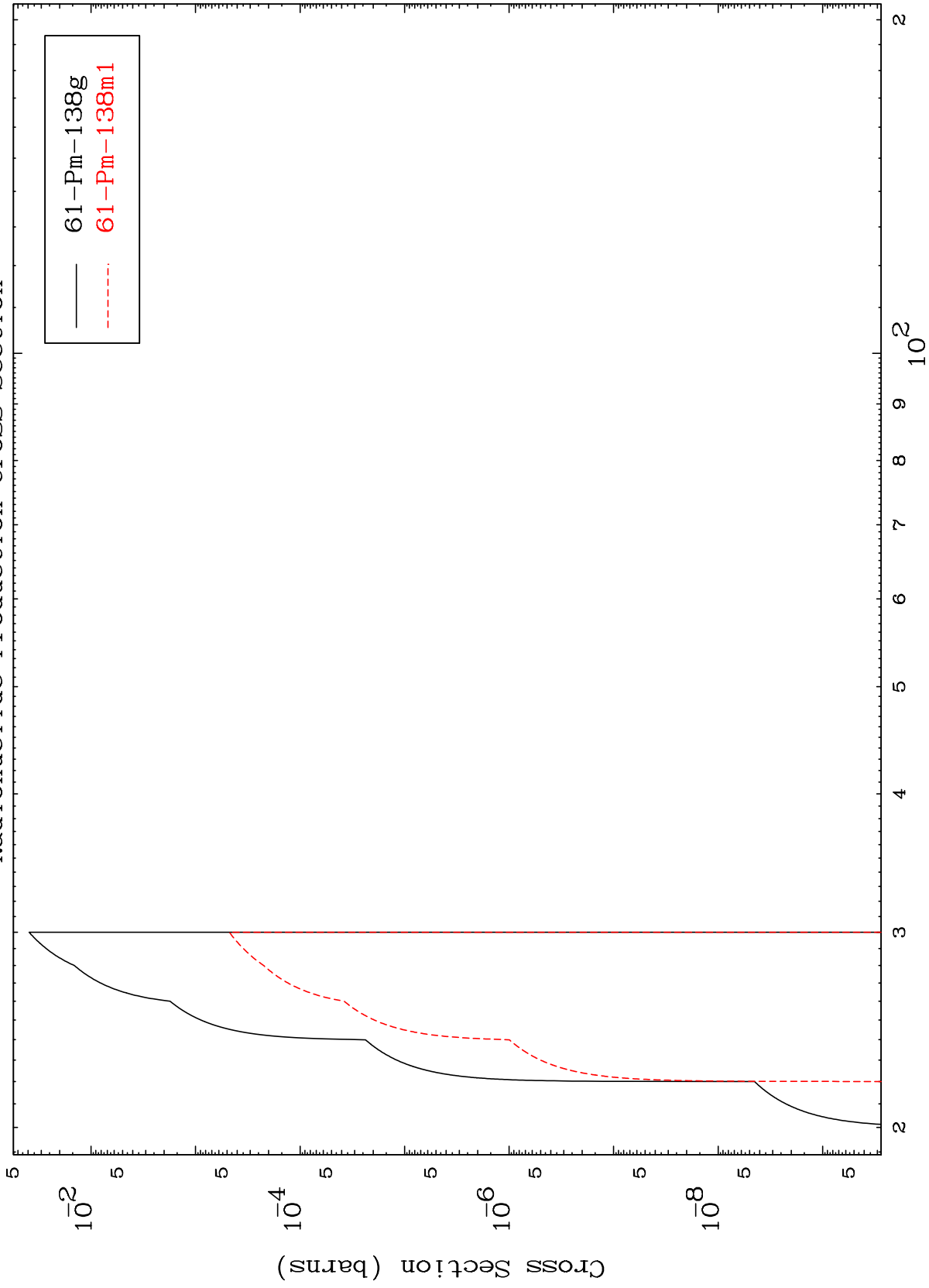
61-Pm-139

MAT 6125

(t,3n) p

61-Pm-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

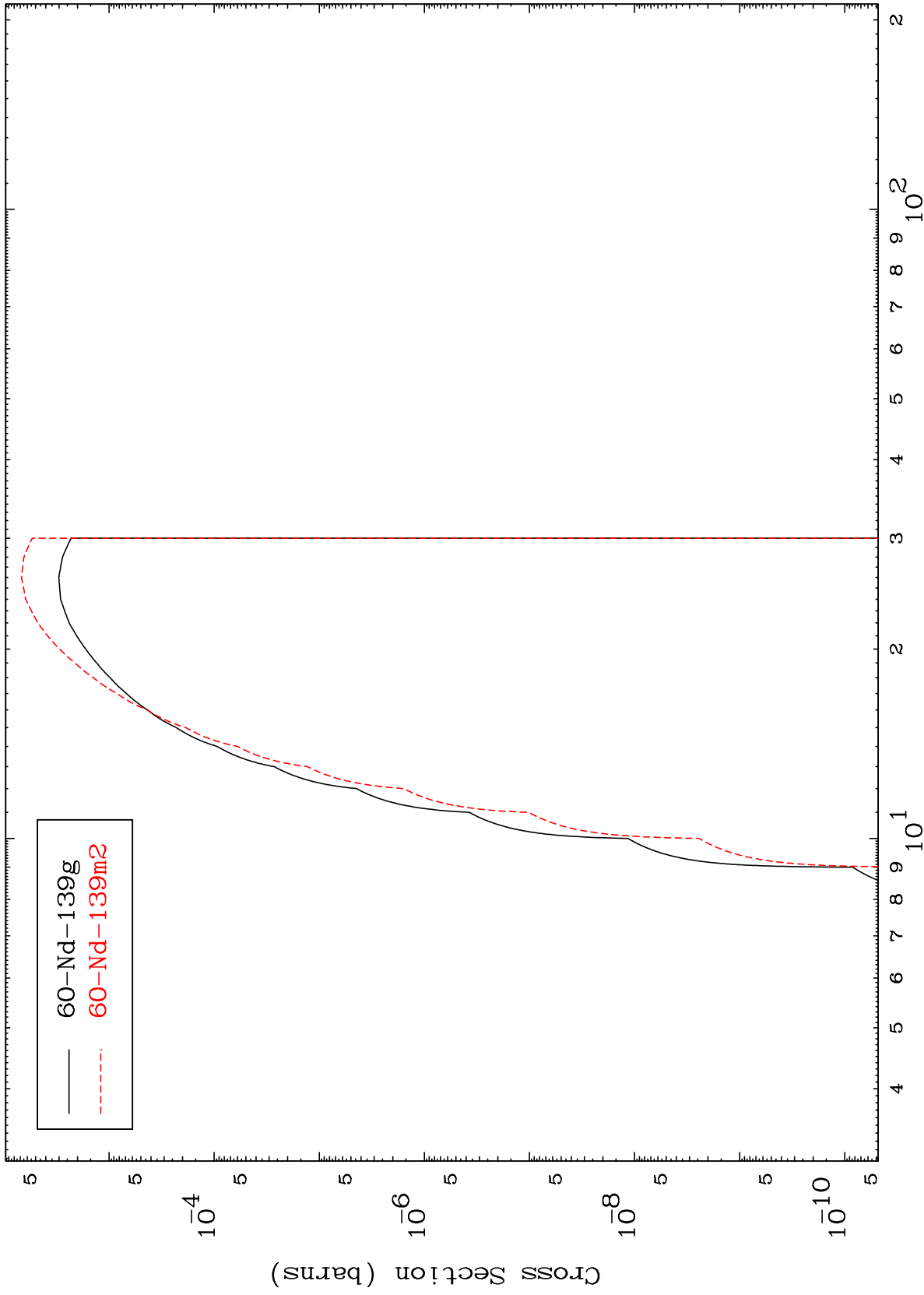
61-Pm-139

MAT 6125

(t,2n) p

61-Pm-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

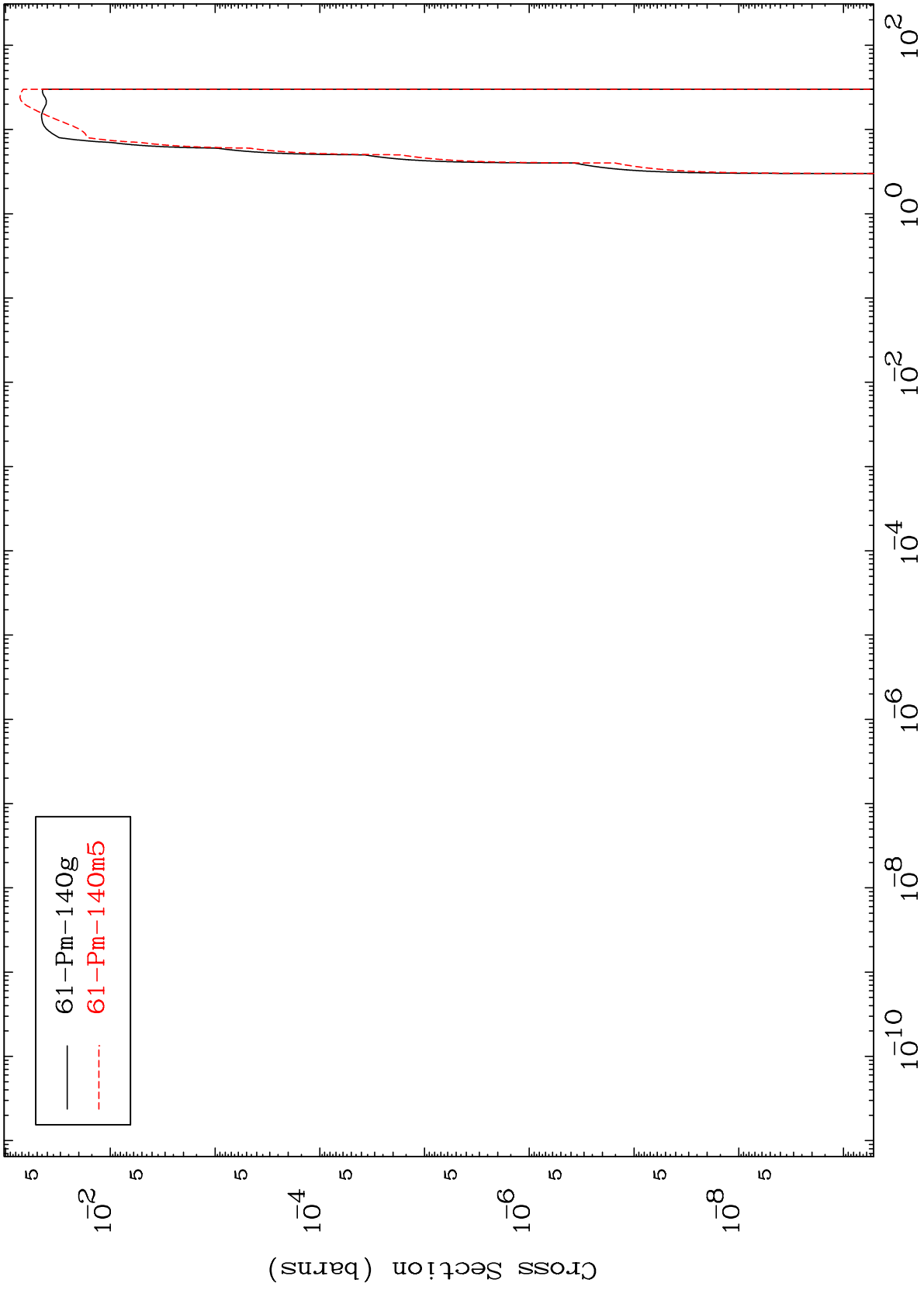
61-Pm-139

MAT 6125

(t,d)

61-Pm-139

Radionuclide Production Cross Section



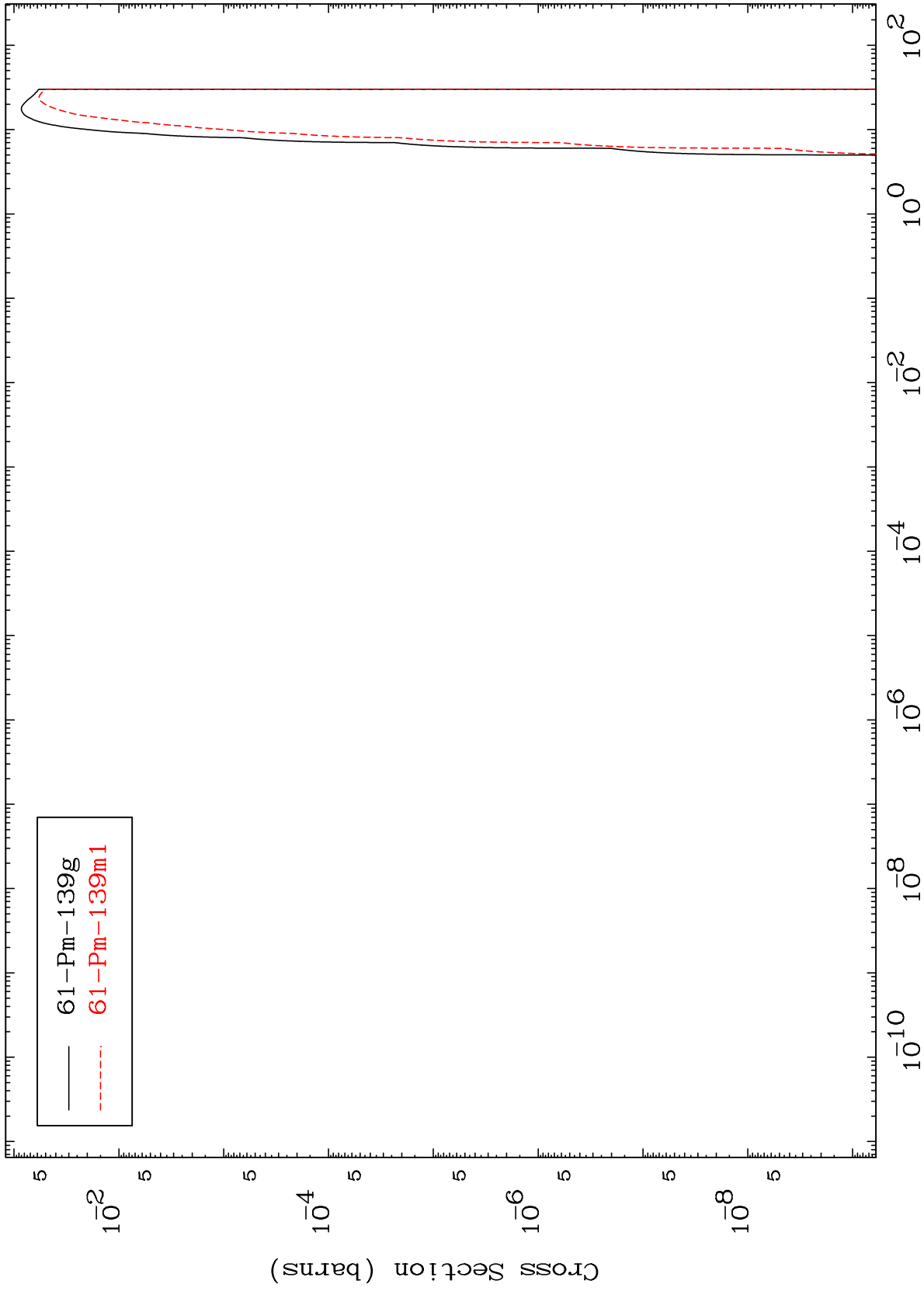
61-Pm-140g
61-Pm-140m5

MAT 6125

(t, t)

61-Pm-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

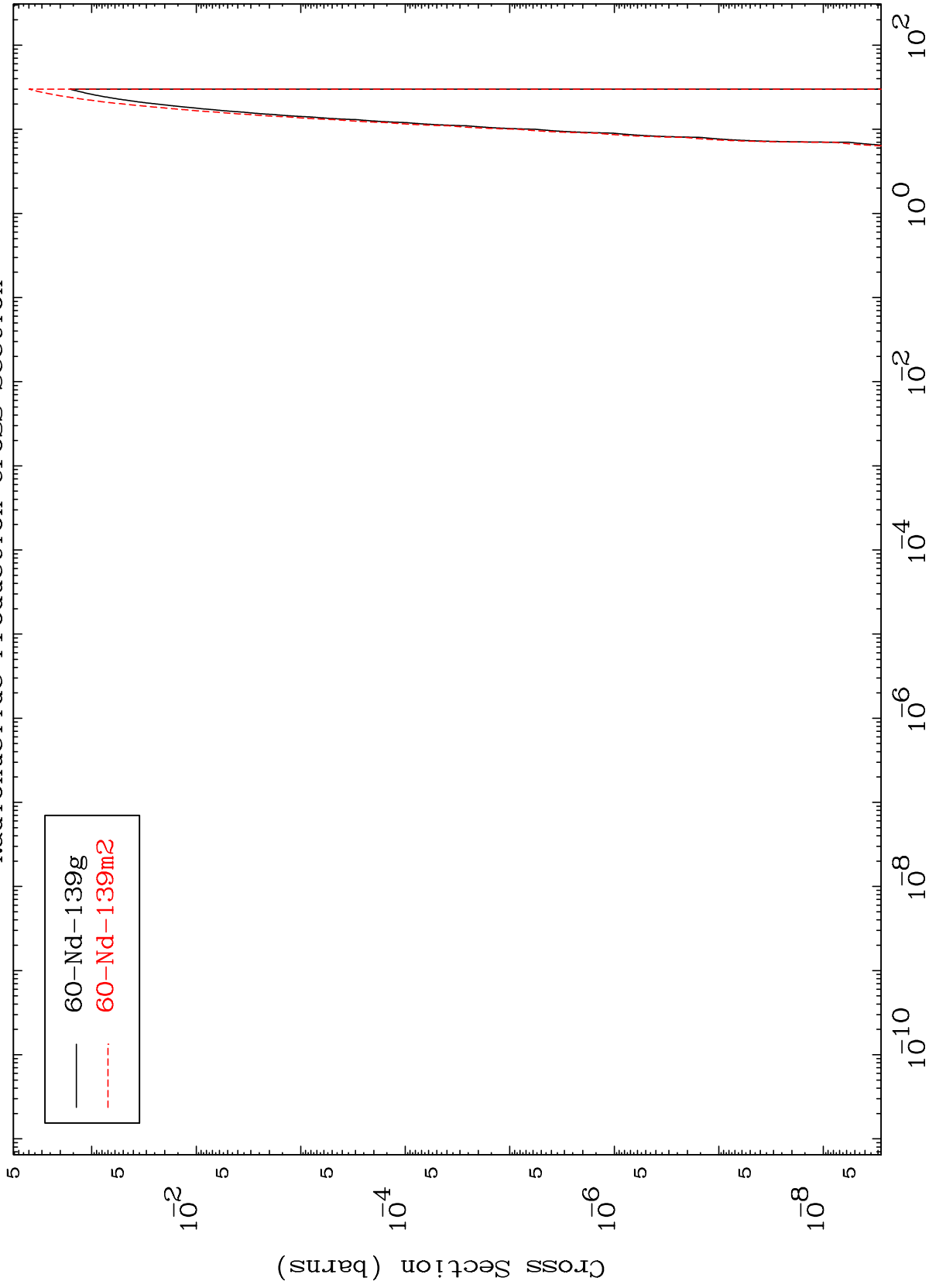
61-Pm-139

MAT 6125

(t, He-3)

61-Pm-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

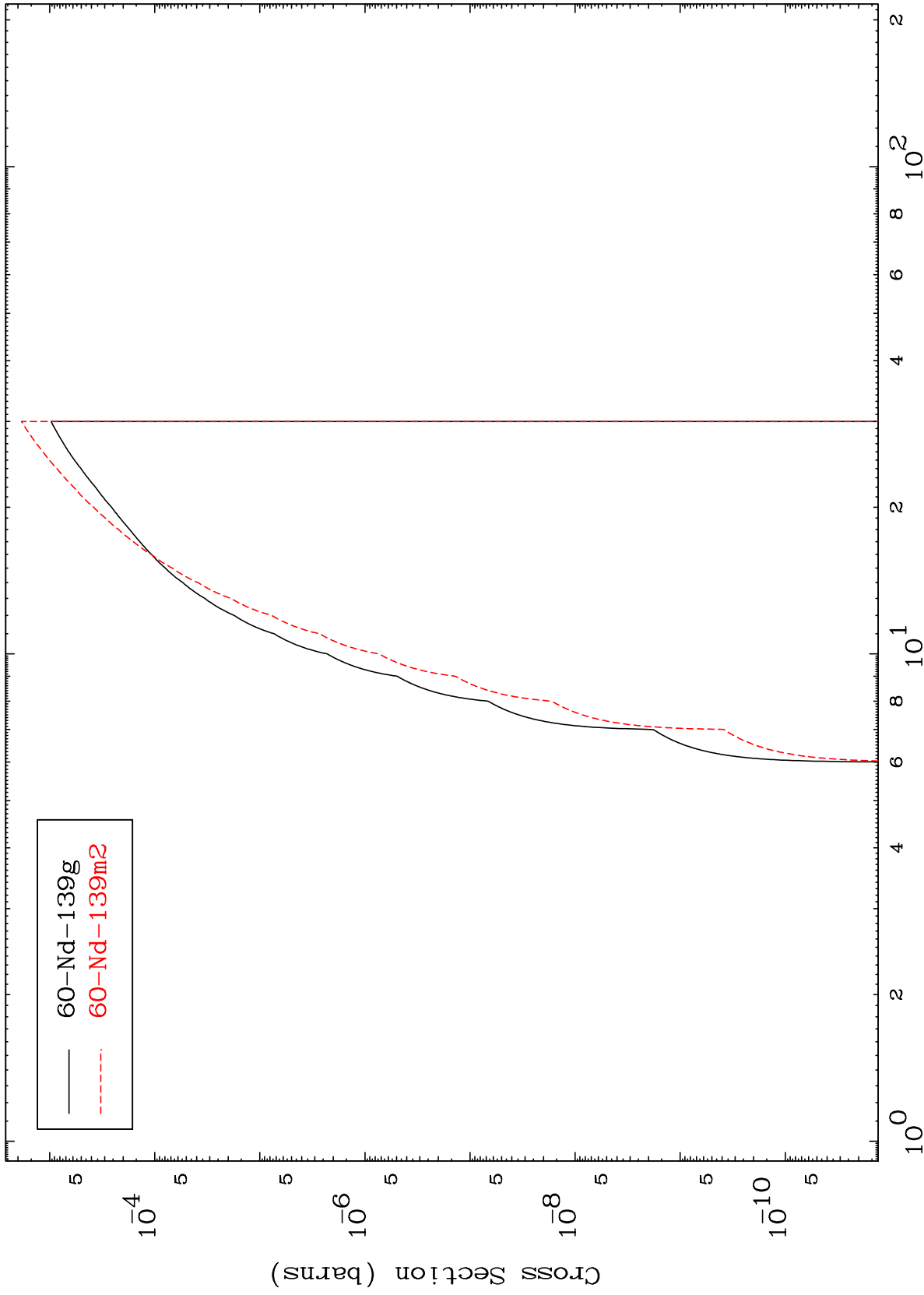
61-Pm-139

MAT 6125

(t,p) d

61-Pm-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

61-Pm-139