

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

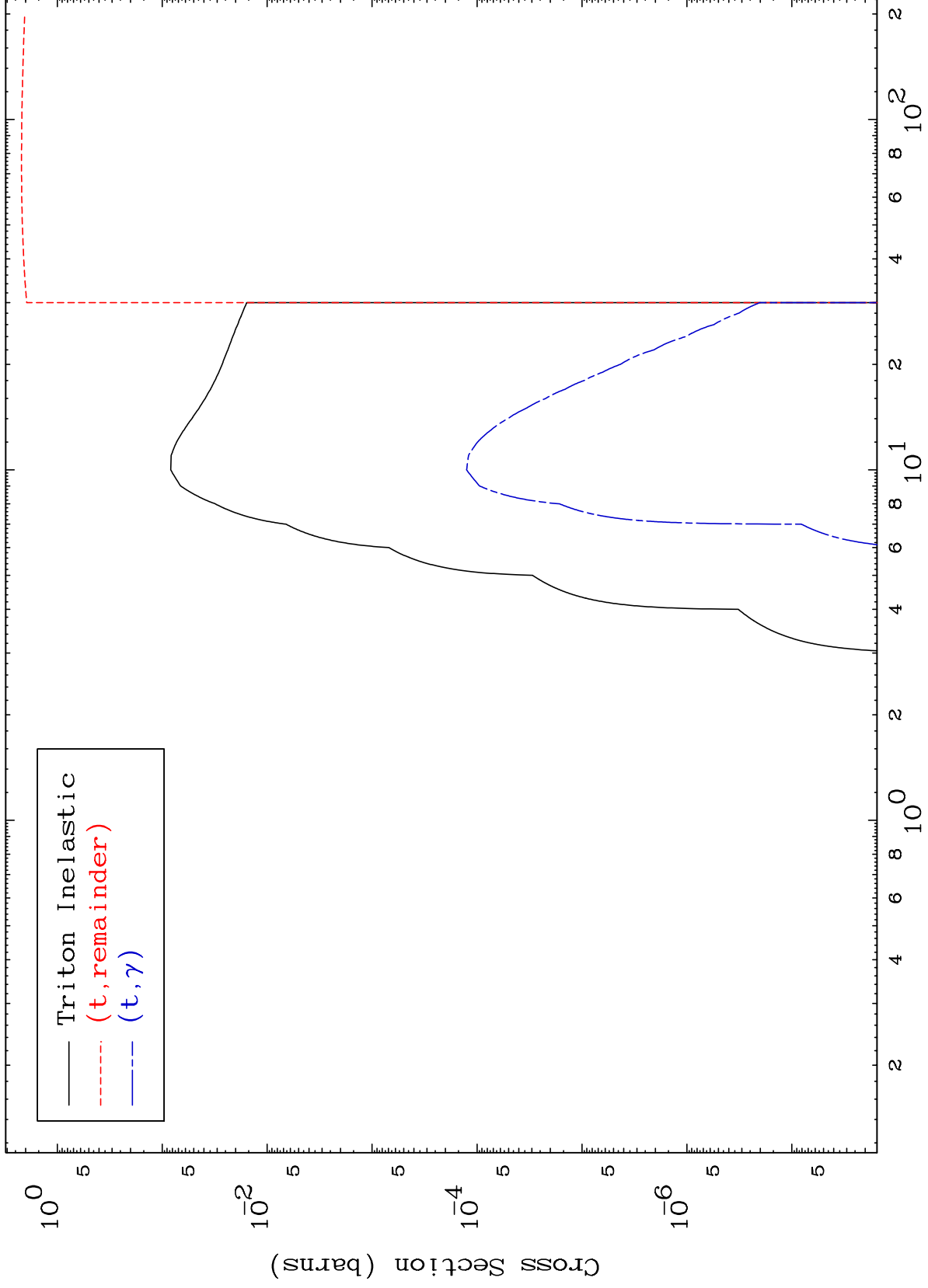
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6125

Triton Major
0 Kelvin Cross Sections

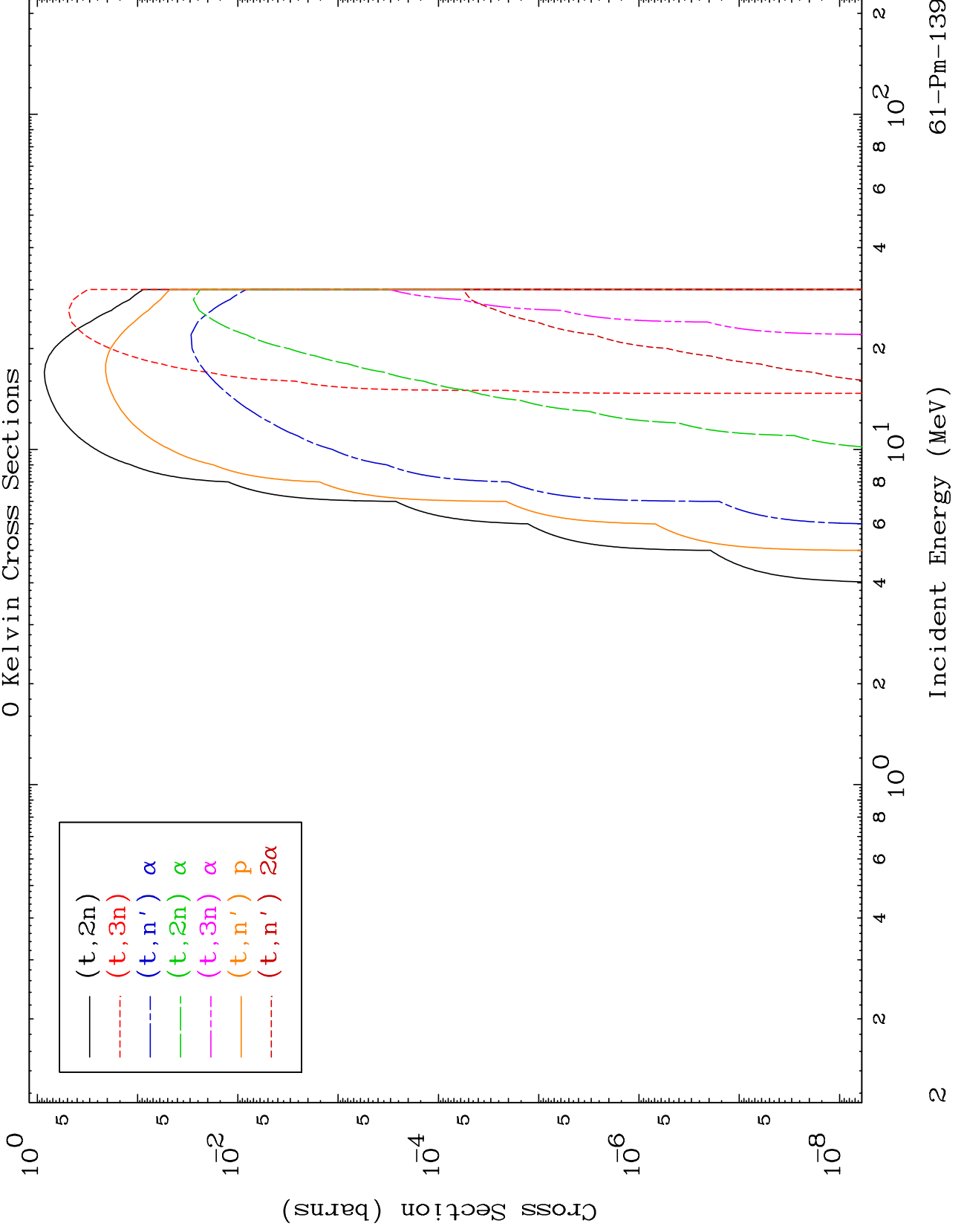
61-Pm-139

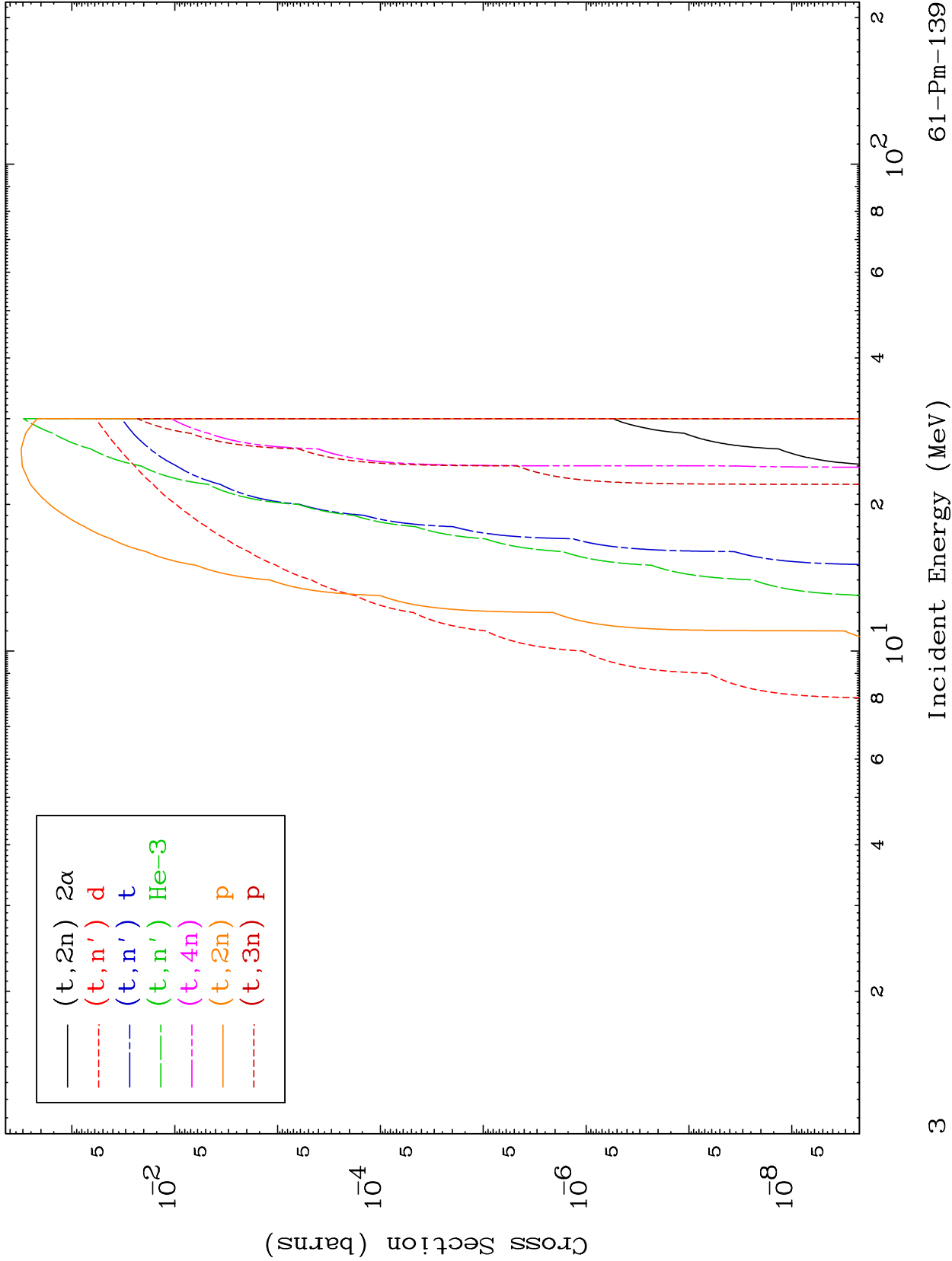


MAT 6125

Triton Neutron Production
0 Kelvin Cross Sections

61-Pm-139

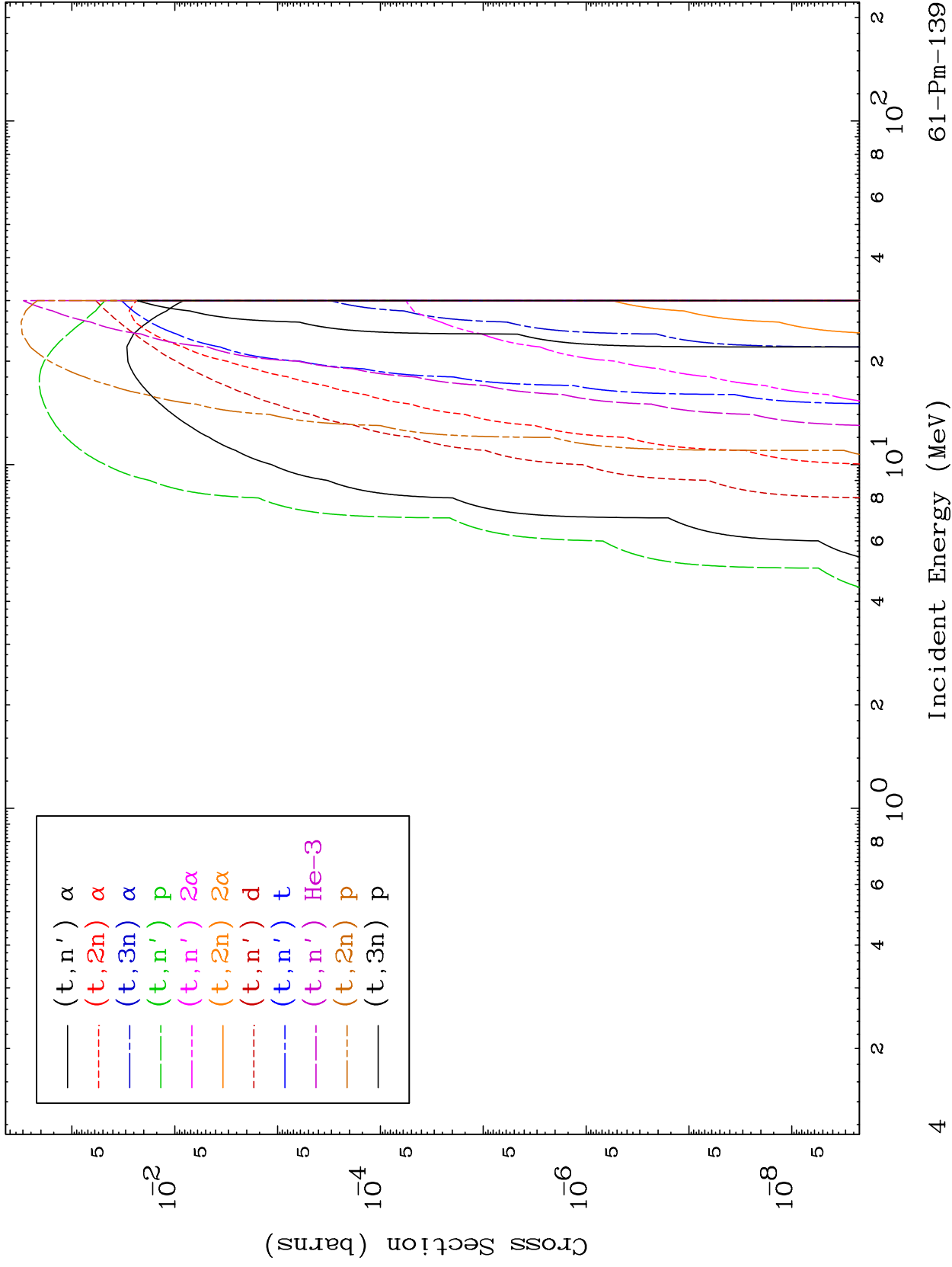




MAT 6125

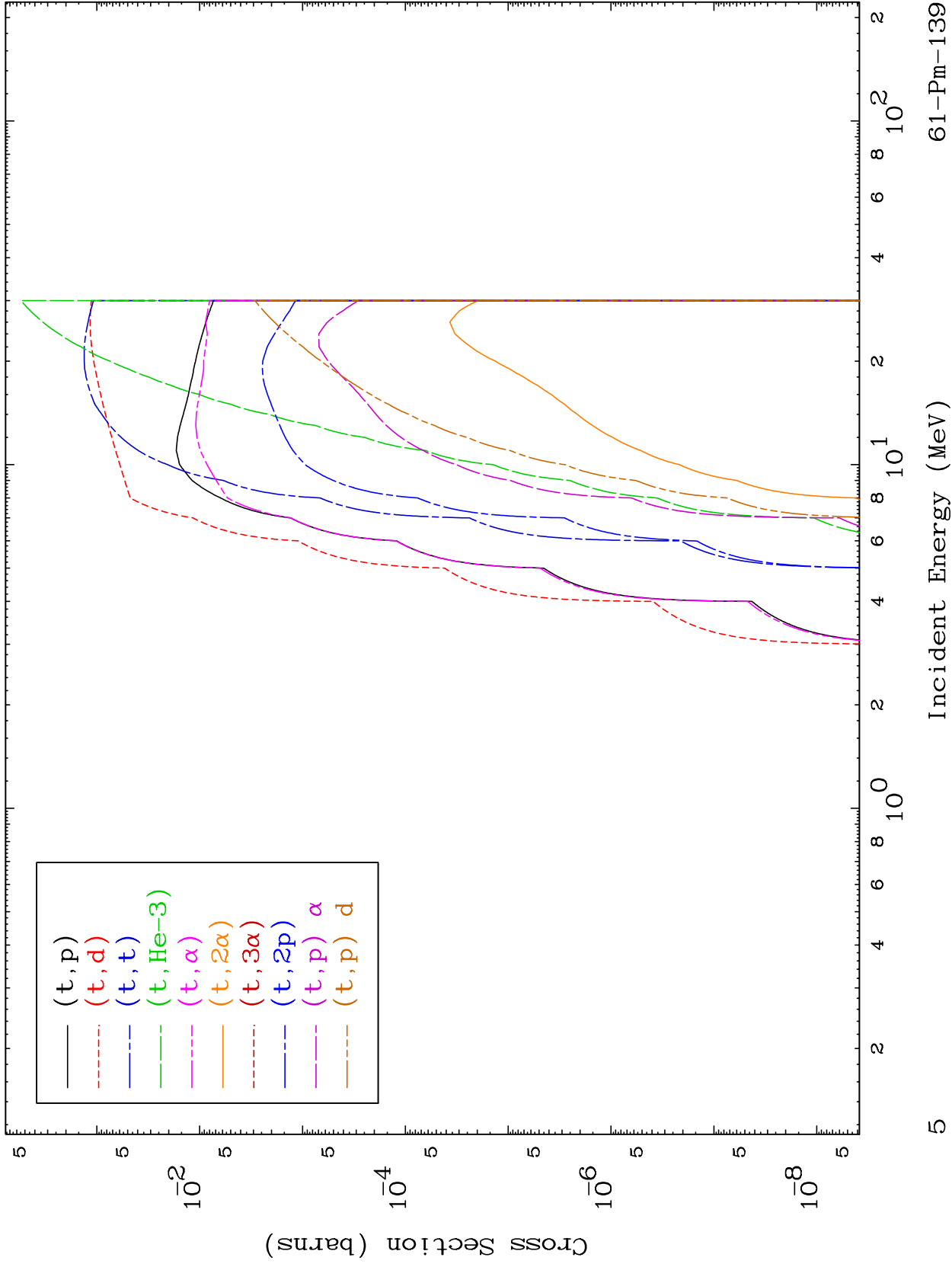
Triton Charged Particle
0 Kelvin Cross Sections

61-Pm-139



61-Pm-139

Incident Energy (MeV)

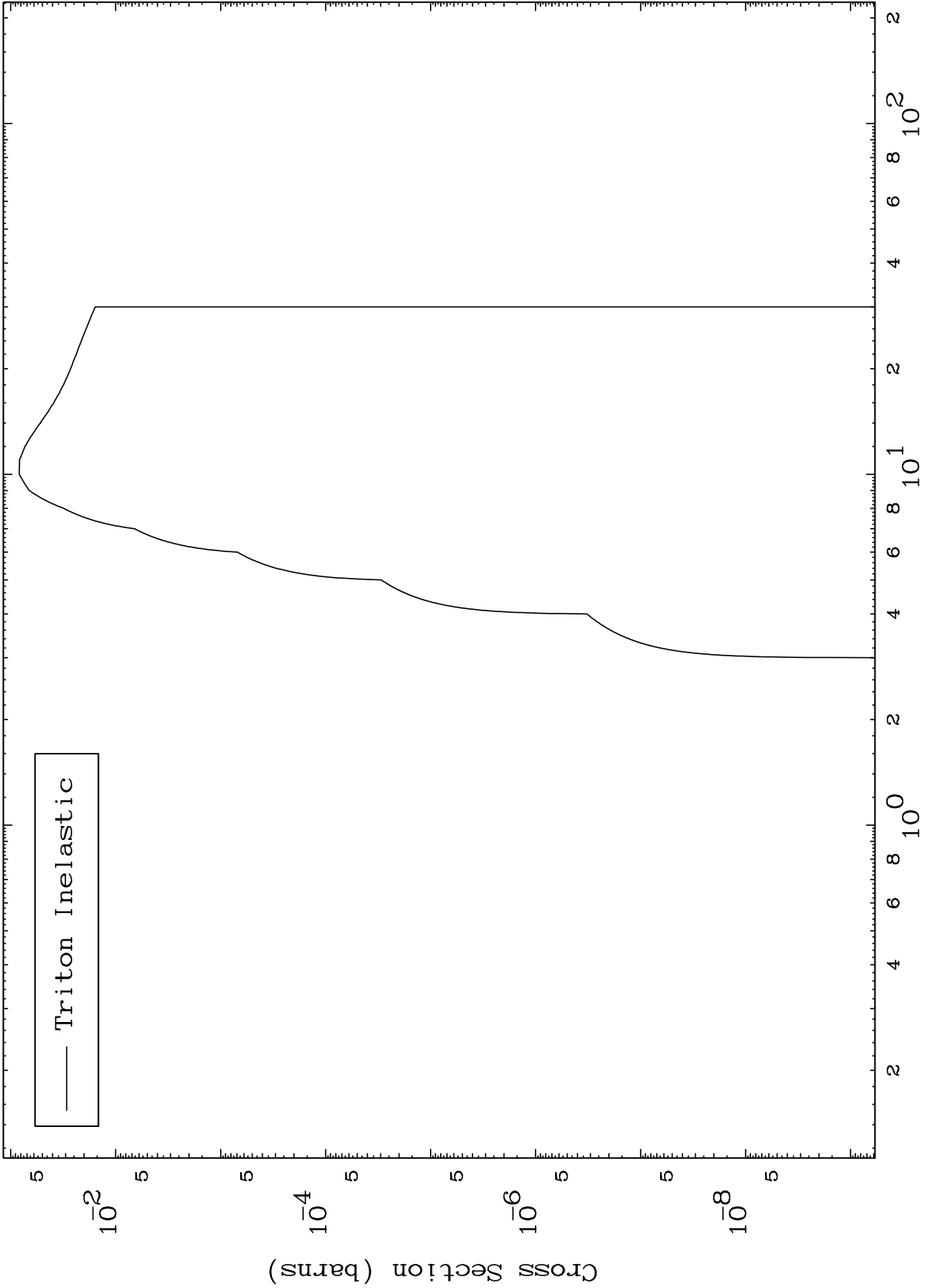


MAT 6125

61-Pm-139

(t, n') Level

0 Kelvin Cross Sections



61-Pm-139

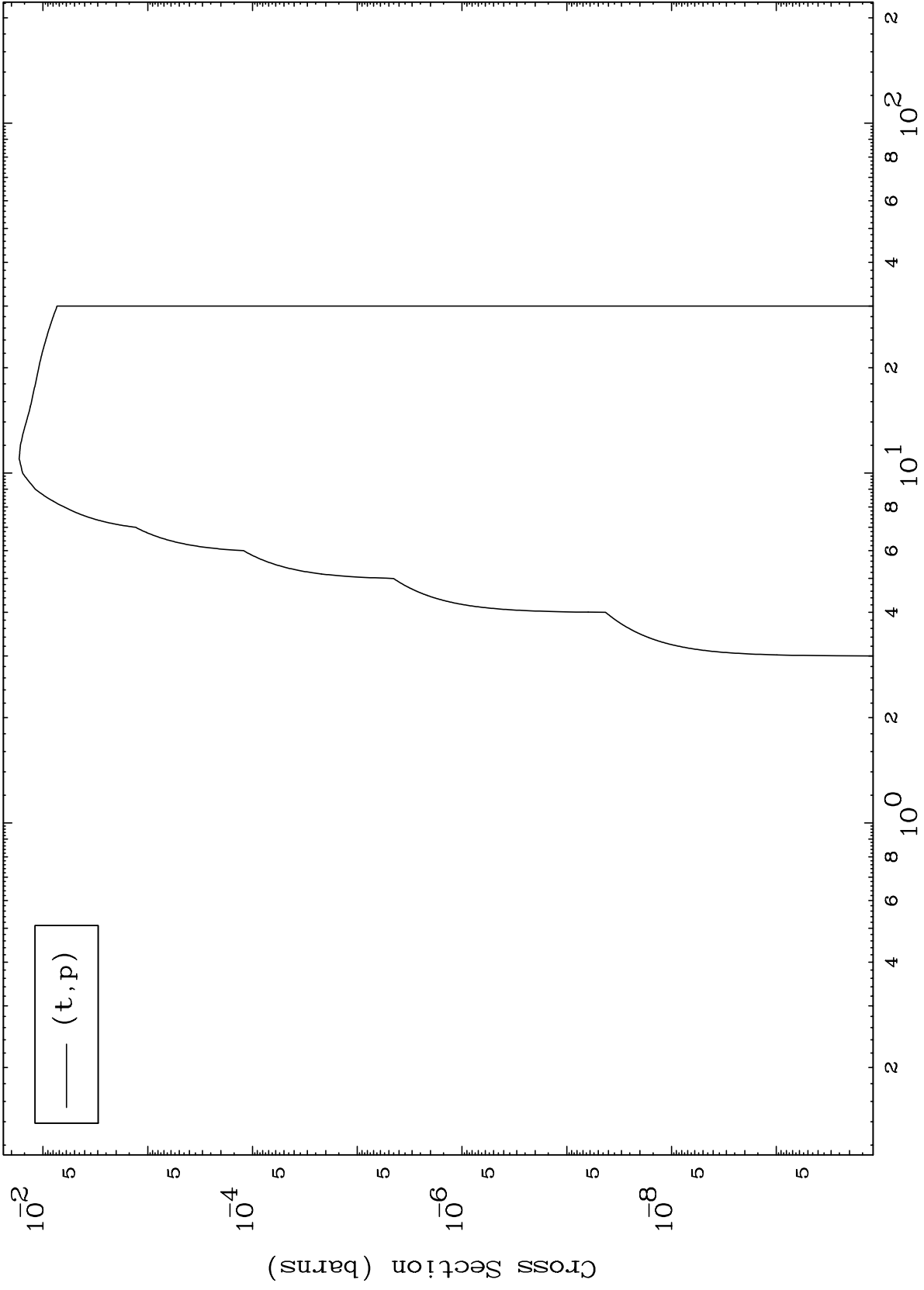
Incident Energy (MeV)

6

MAT 6125

61-Pm-139

(t,p) Levels
0 Kelvin Cross Sections



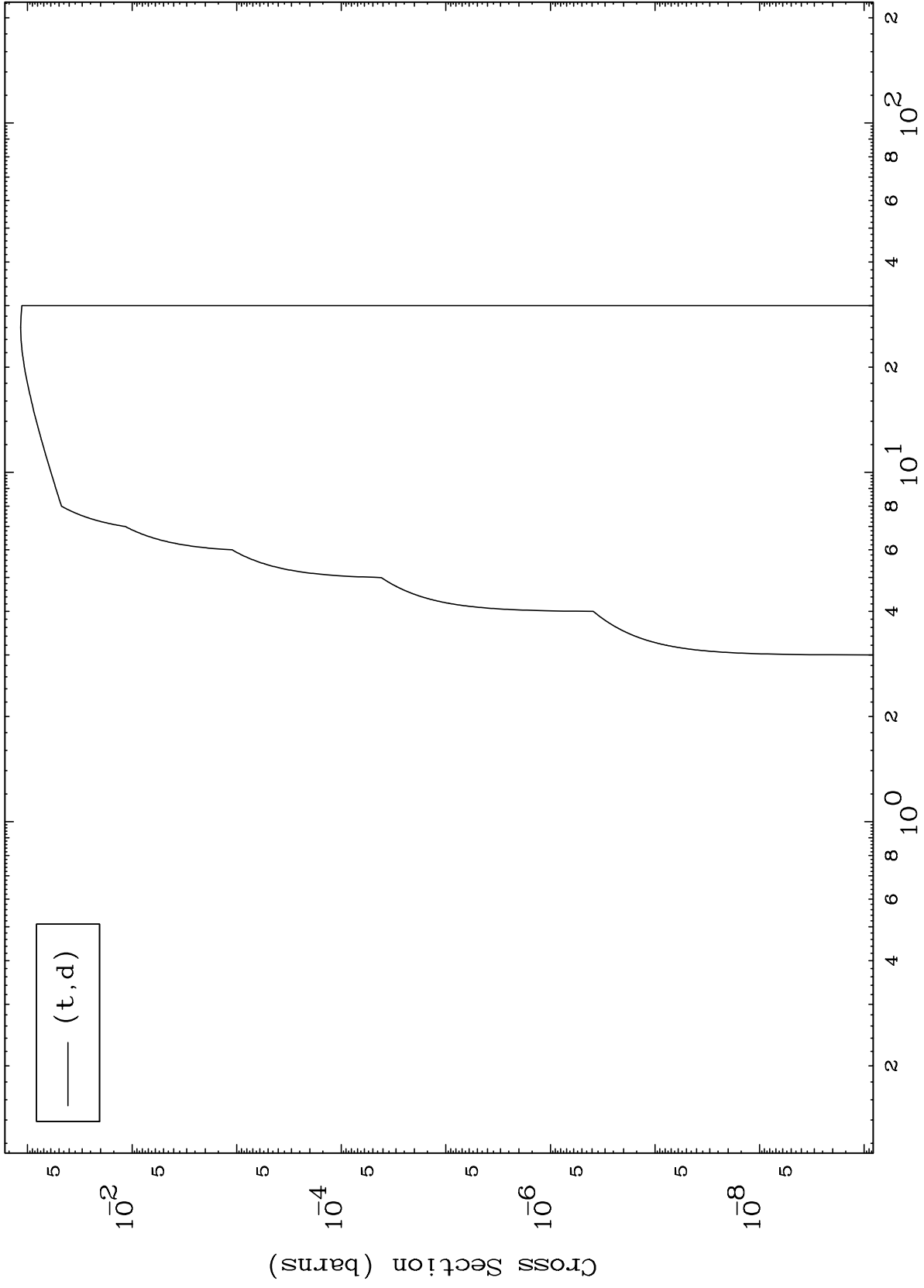
61-Pm-139

Incident Energy (MeV)

MAT 6125

(t,d) Levels
0 Kelvin Cross Sections

61-Pm-139



(t,d)

Incident Energy (MeV)

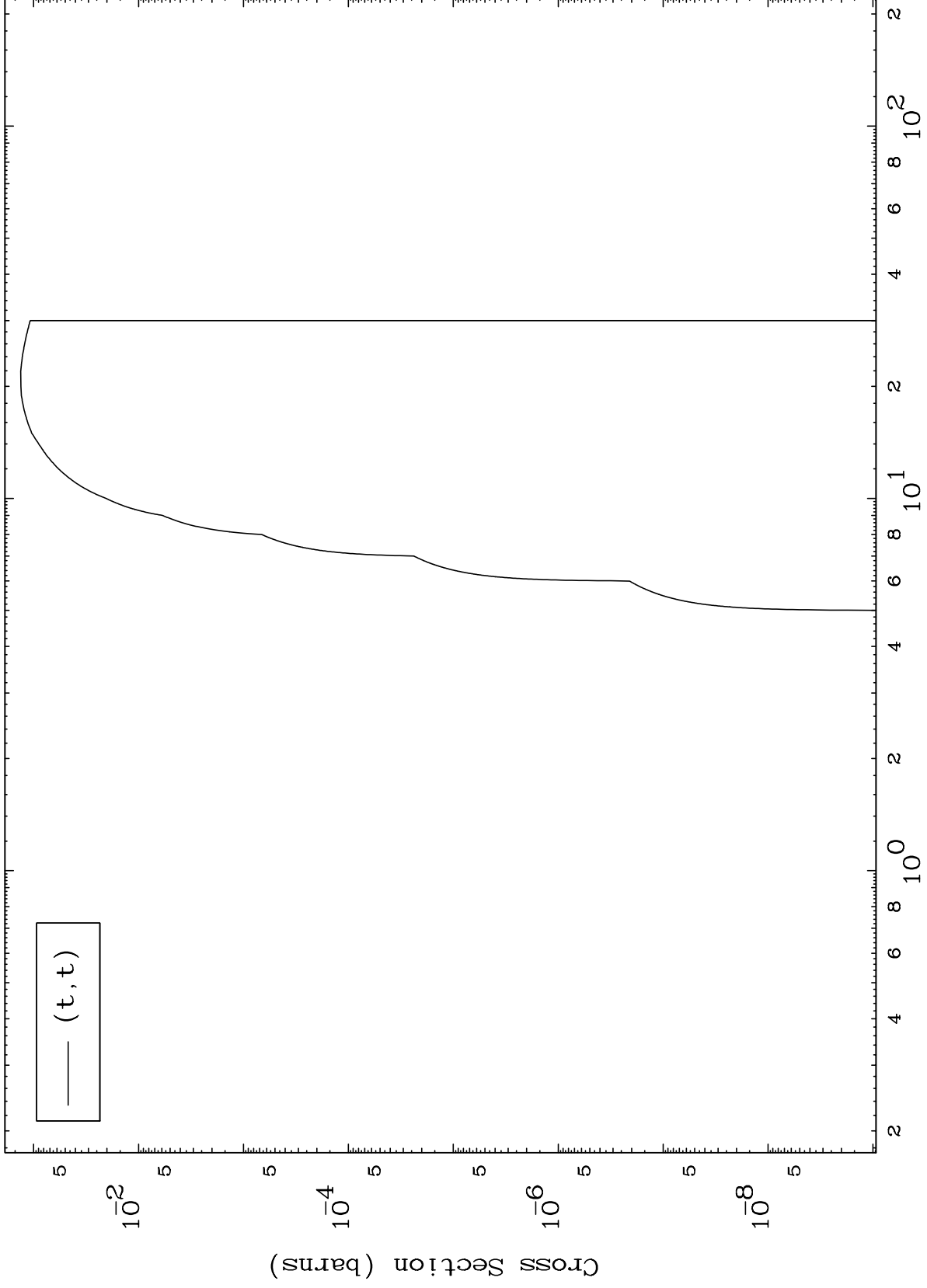
61-Pm-139

MAT 6125

(t, t) Levels

61-Pm-139

0 Kelvin Cross Sections

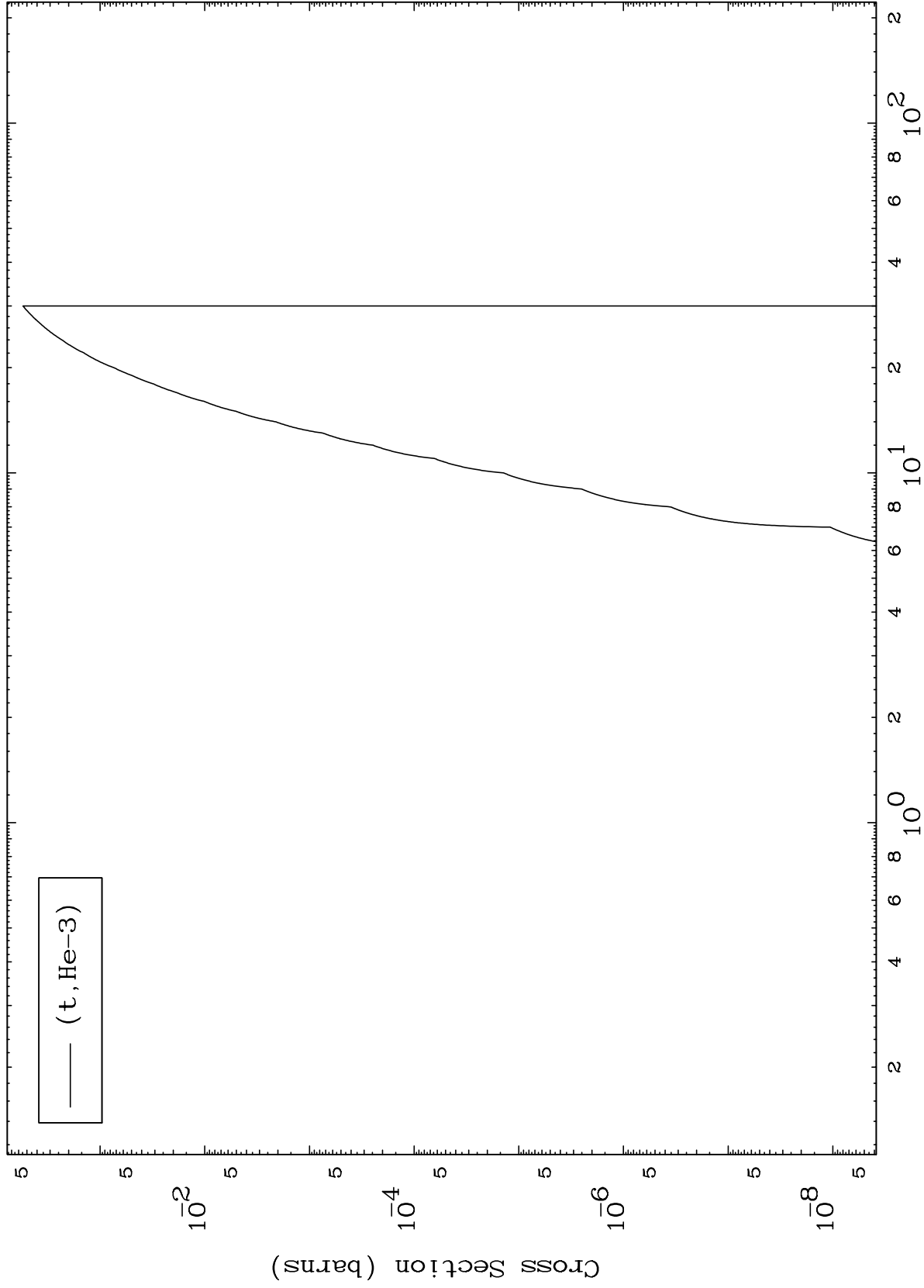


MAT 6125

(t,He3) Levels

61-Pm-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

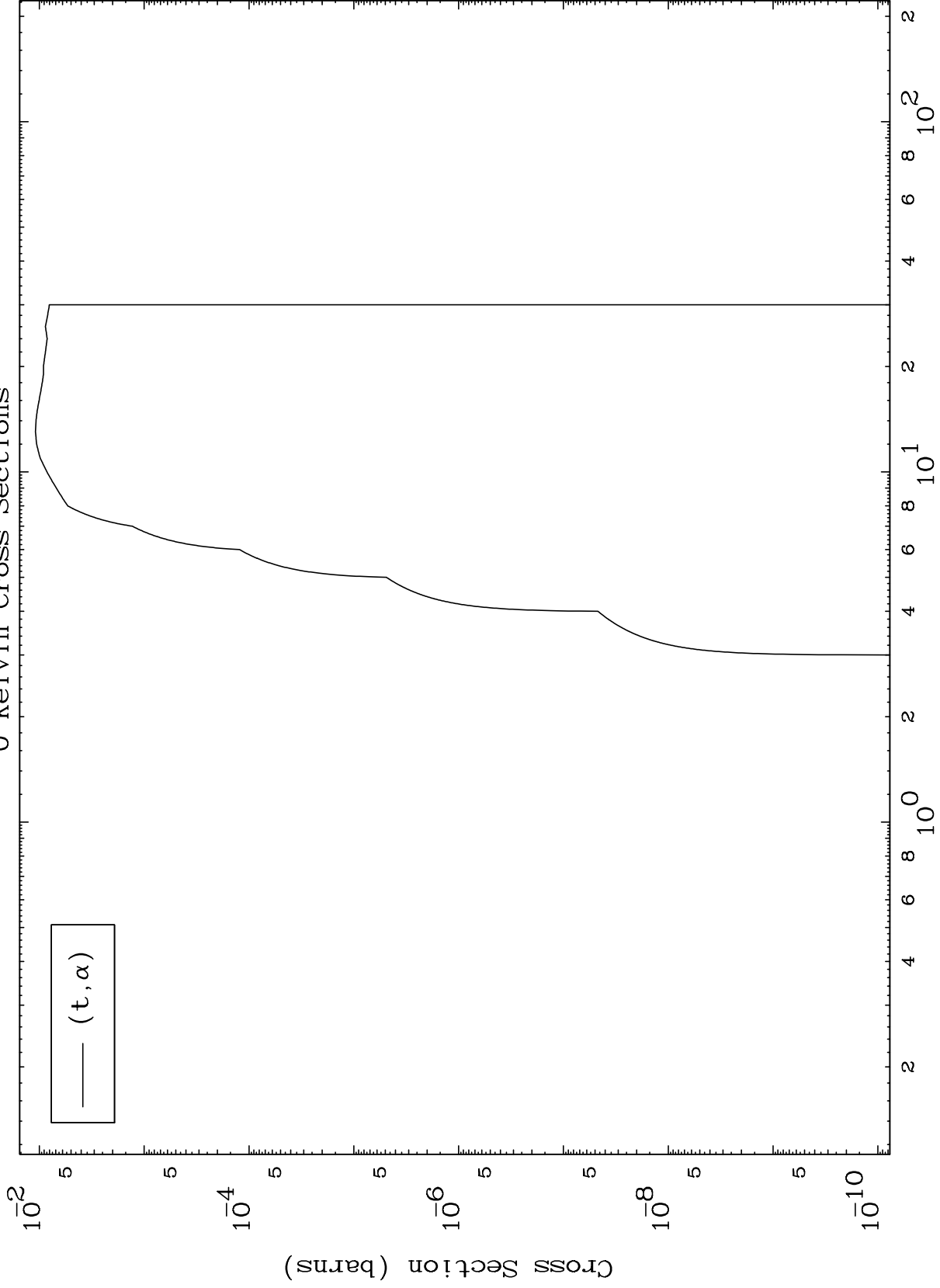
61-Pm-139

MAT 6125

(t, α) Levels

61-Pm-139

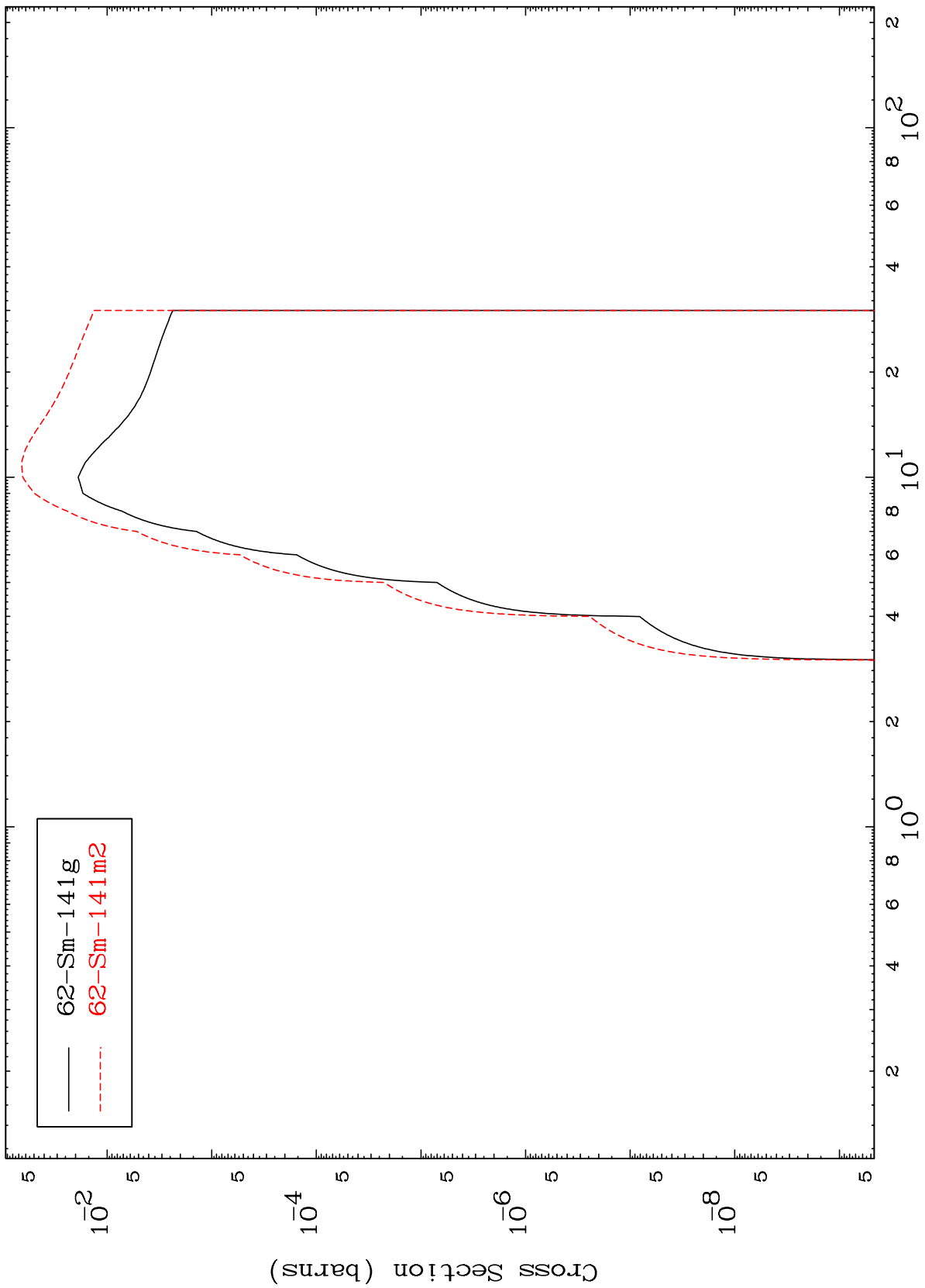
0 Kelvin Cross Sections



MAT 6125

61-Pm-139

Triton Inelastic
Radionuclide Production Cross Section



— 62-Sm-141g
- - - 62-Sm-141m2

61-Pm-139

Incident Energy (MeV)

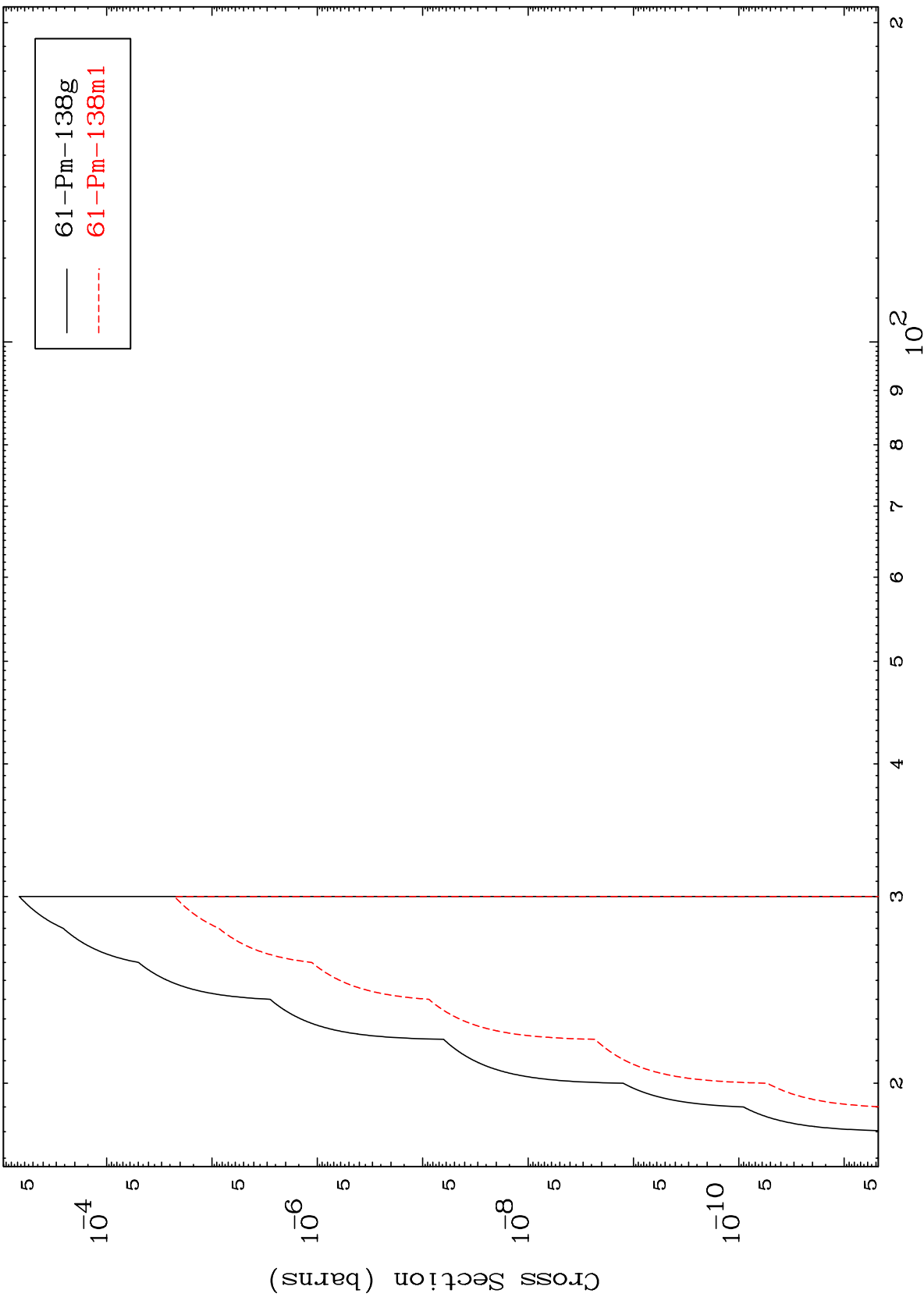
12

MAT 6125

(t,2n) d

61-Pm-139

Radionuclide Production Cross Section



13

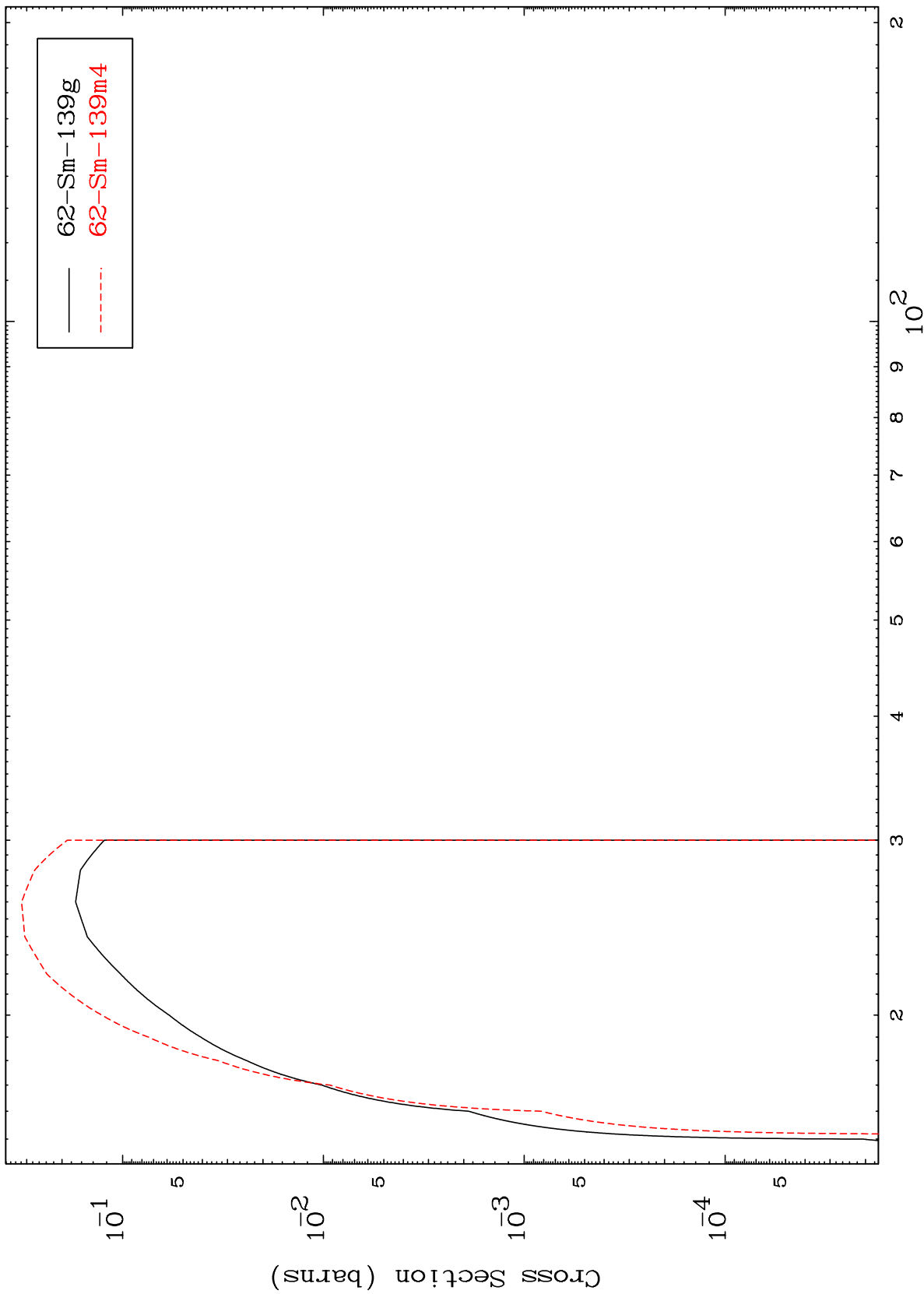
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

(t,3n)
Radionuclide Production Cross Section



61-Pm-139

Incident Energy (MeV)

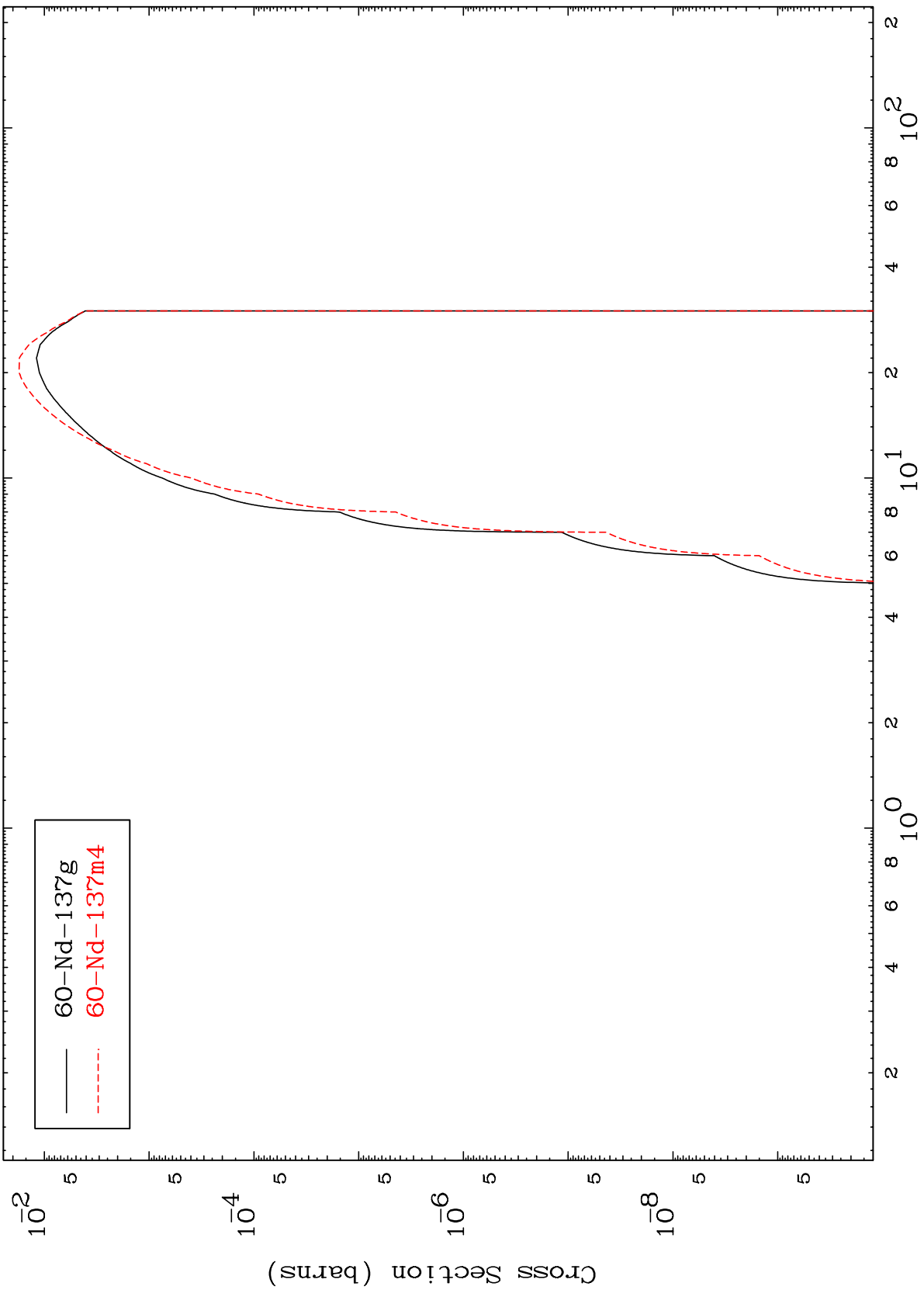
14

MAT 6125

$(t, n') \alpha$

61-Pm-139

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

15

Incident Energy (MeV)

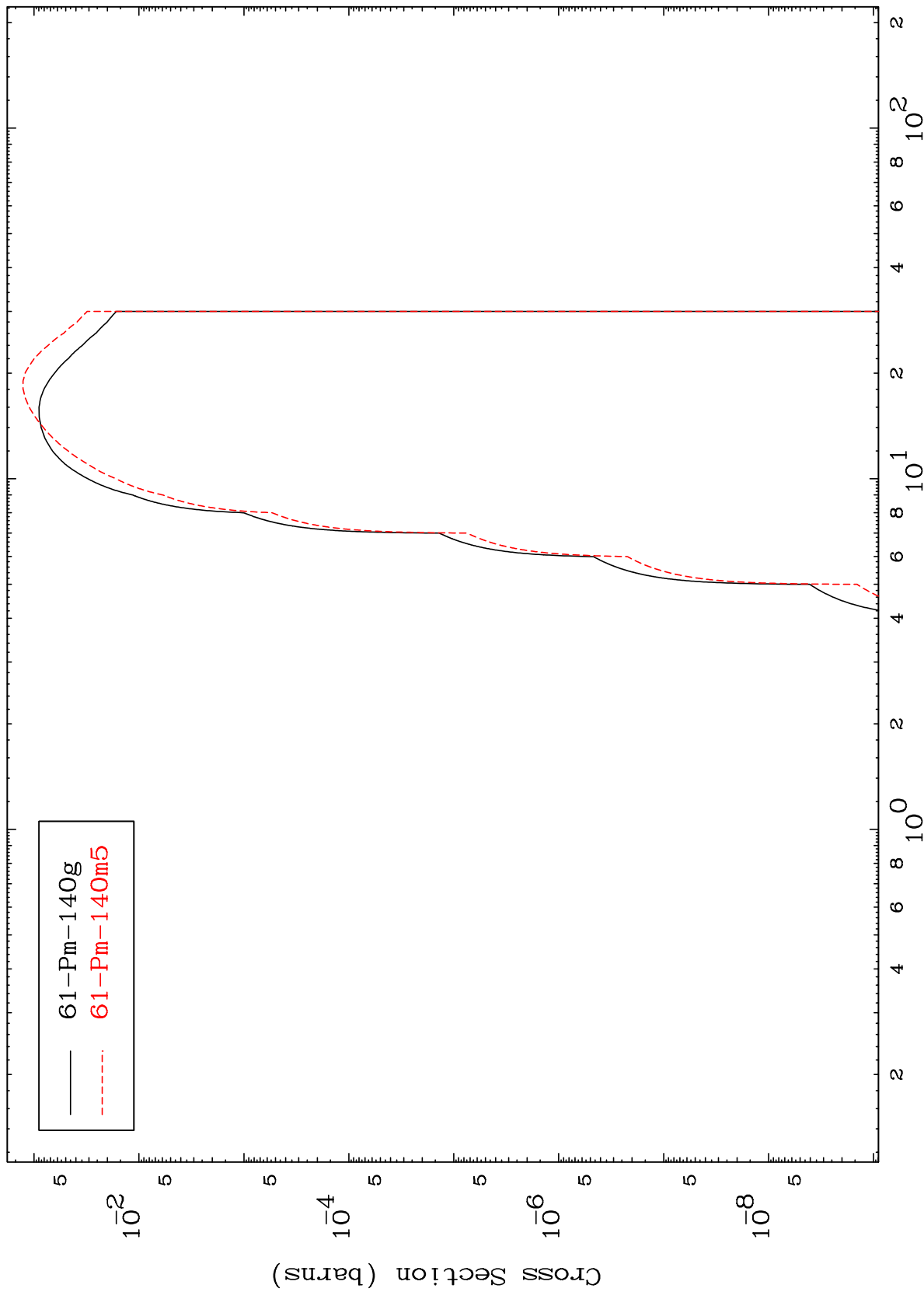
61-Pm-139

MAT 6125

(t,n') p

61-Pm-139

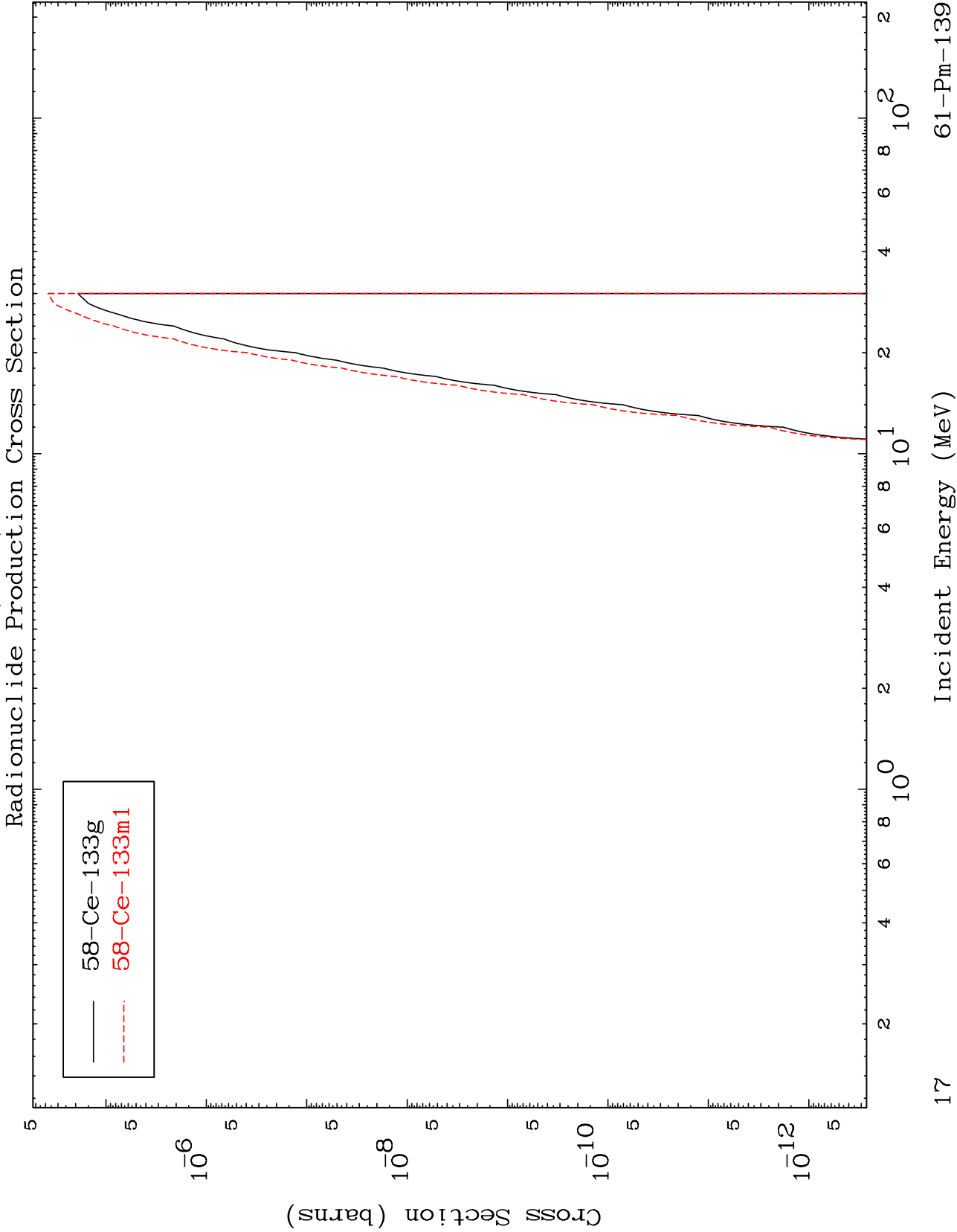
Radionuclide Production Cross Section



MAT 6125

(t,n') 2 α

61-Pm-139

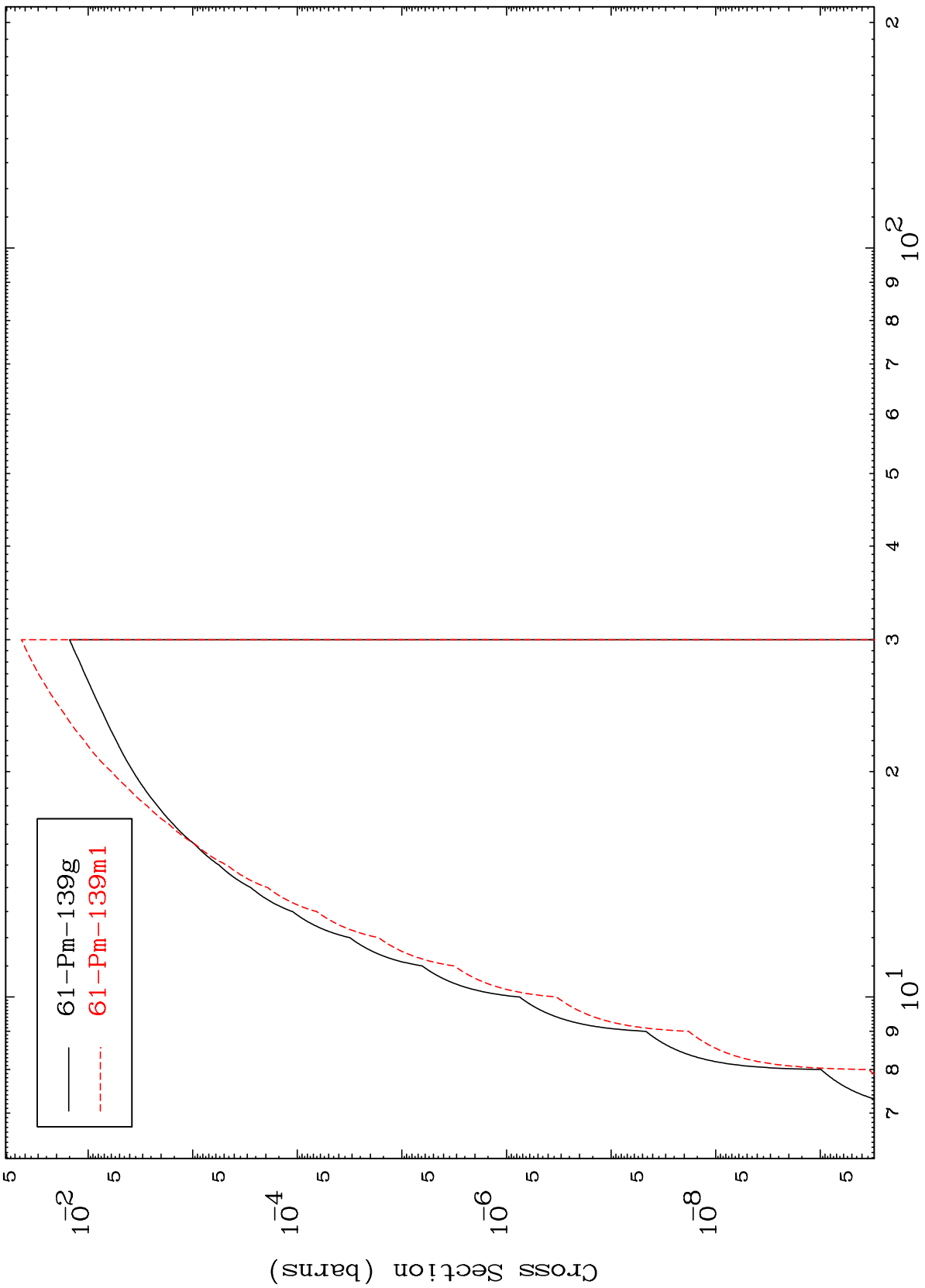


MAT 6125

(t,n') d

61-Pm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

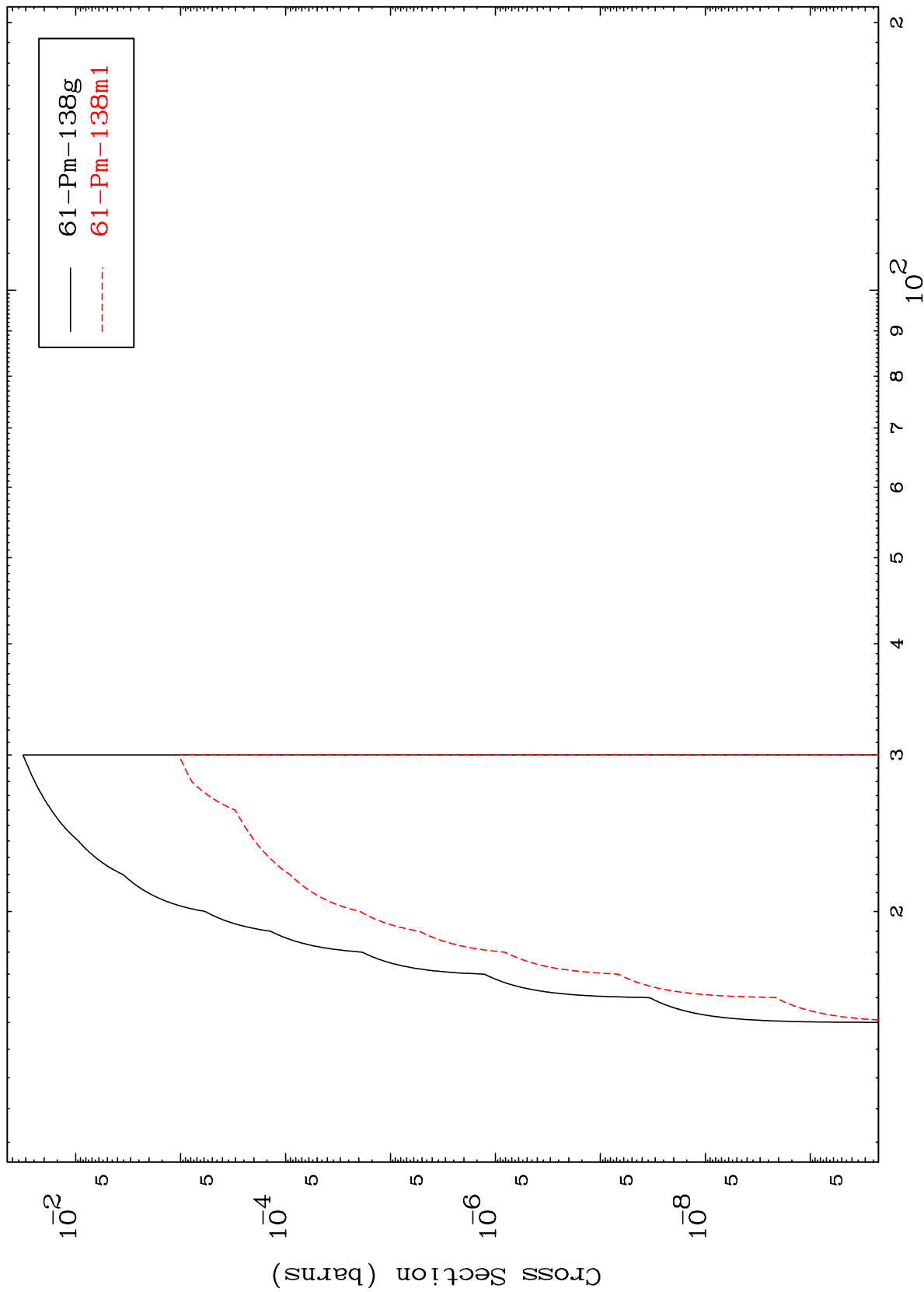
61-Pm-139

MAT 6125

(t,n') t

61-Pm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

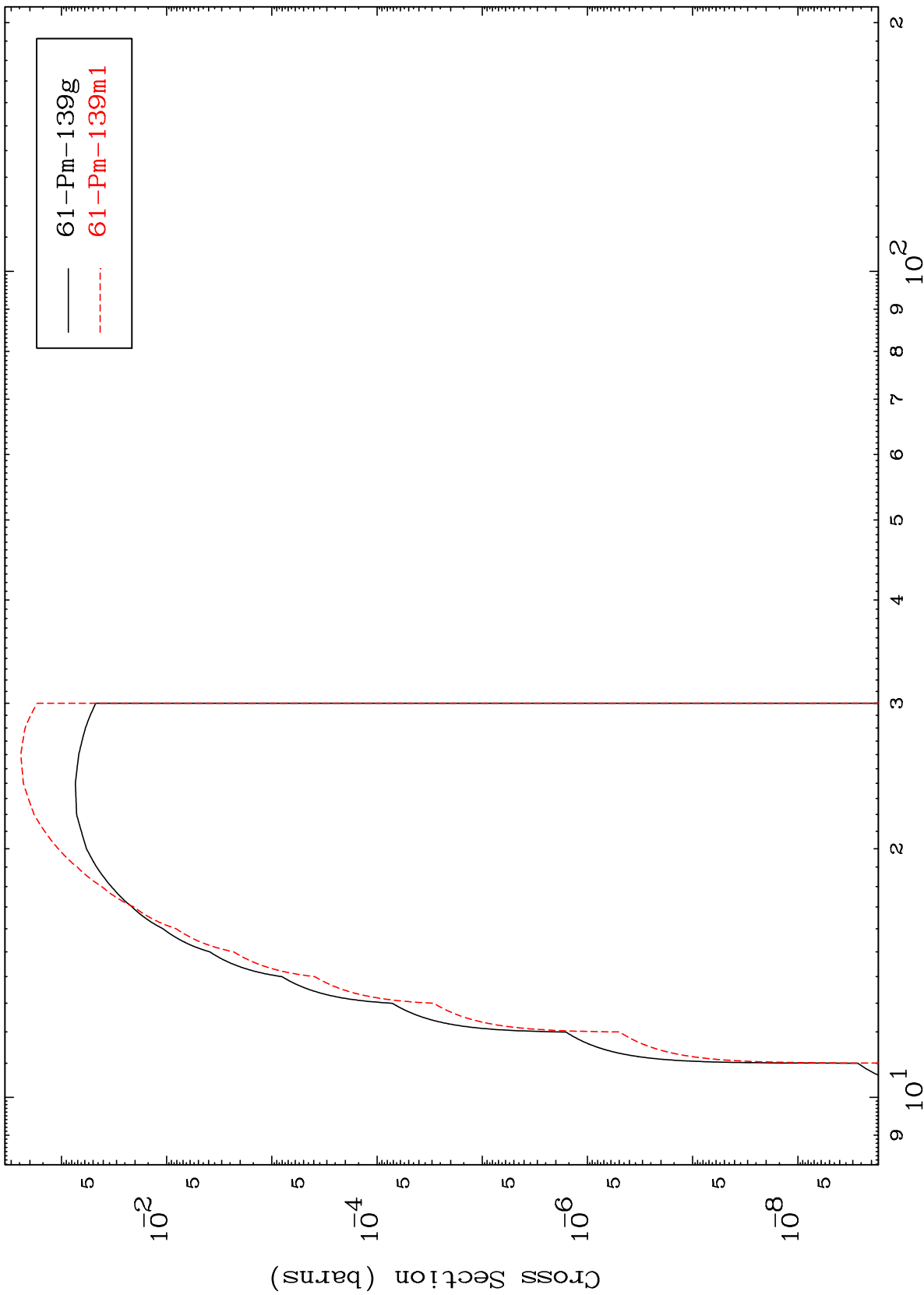
61-Pm-139

MAT 6125

(t,2n) p

61-Pm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

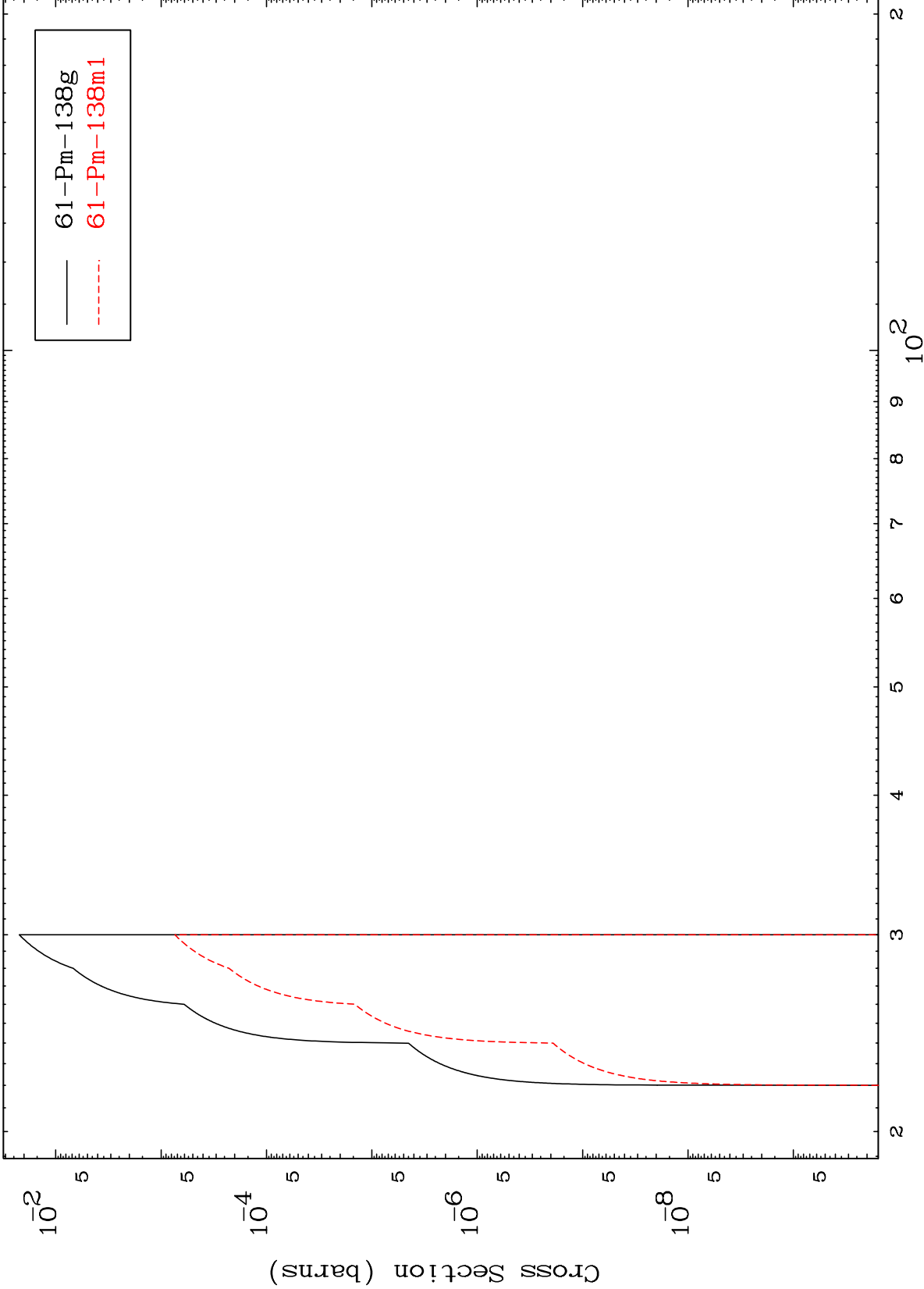
61-Pm-139

MAT 6125

(t,3n) p

61-Pm-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

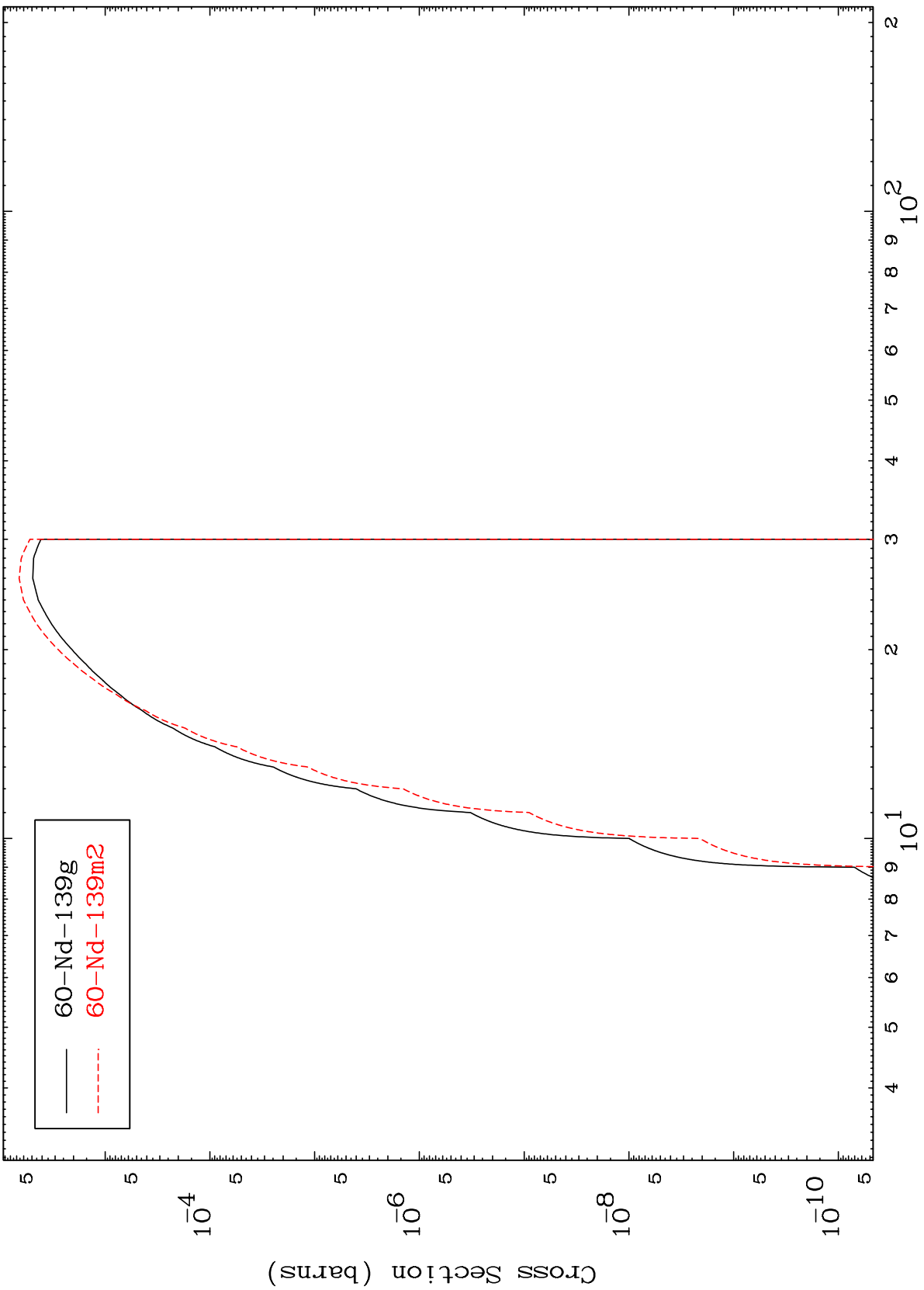
61-Pm-139

MAT 6125

(t,2n) p

61-Pm-139

Radionuclide Production Cross Section



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

Incident Energy (MeV)

61-Pm-139

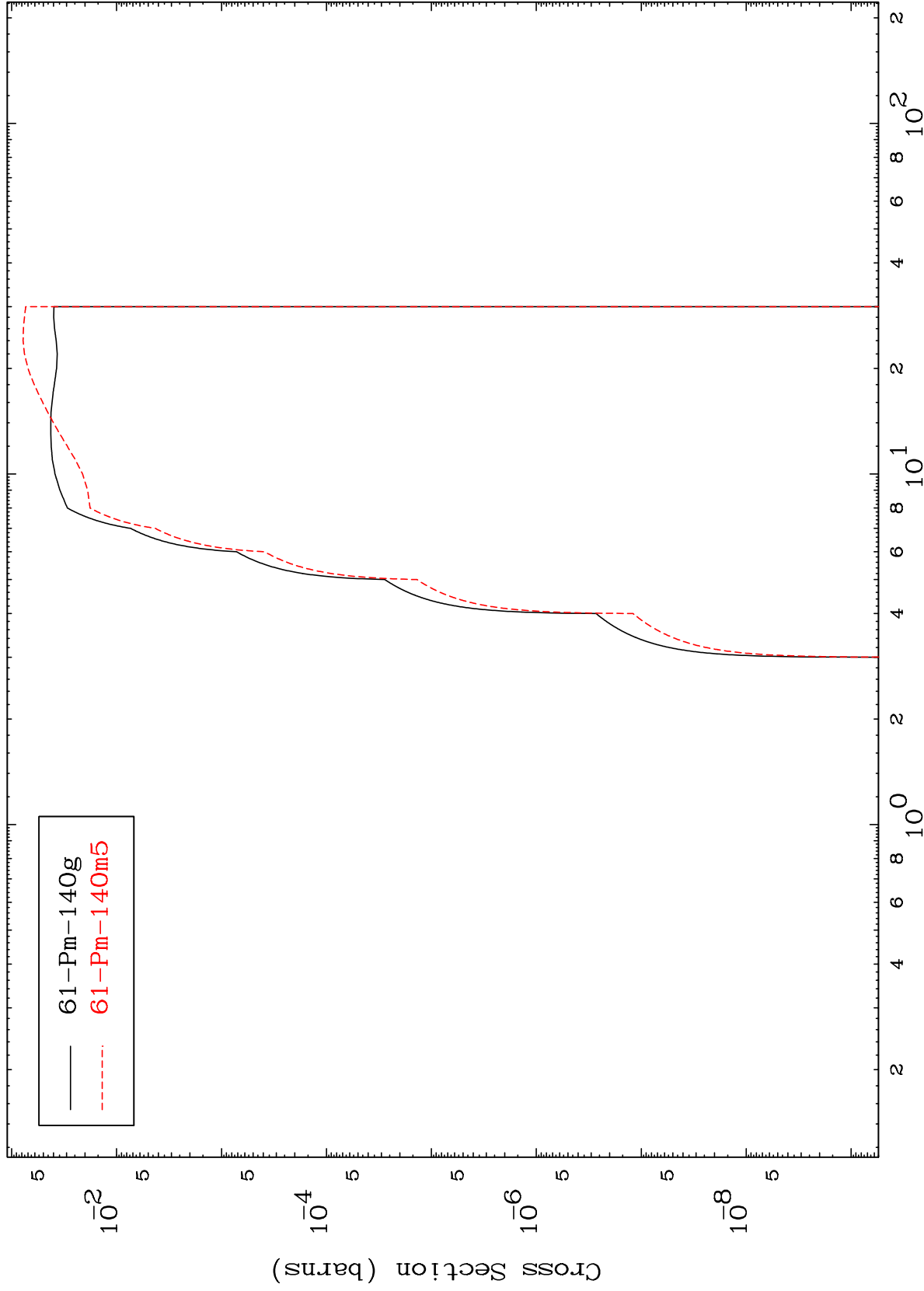
22

MAT 6125

(t,d)

61-Pm-139

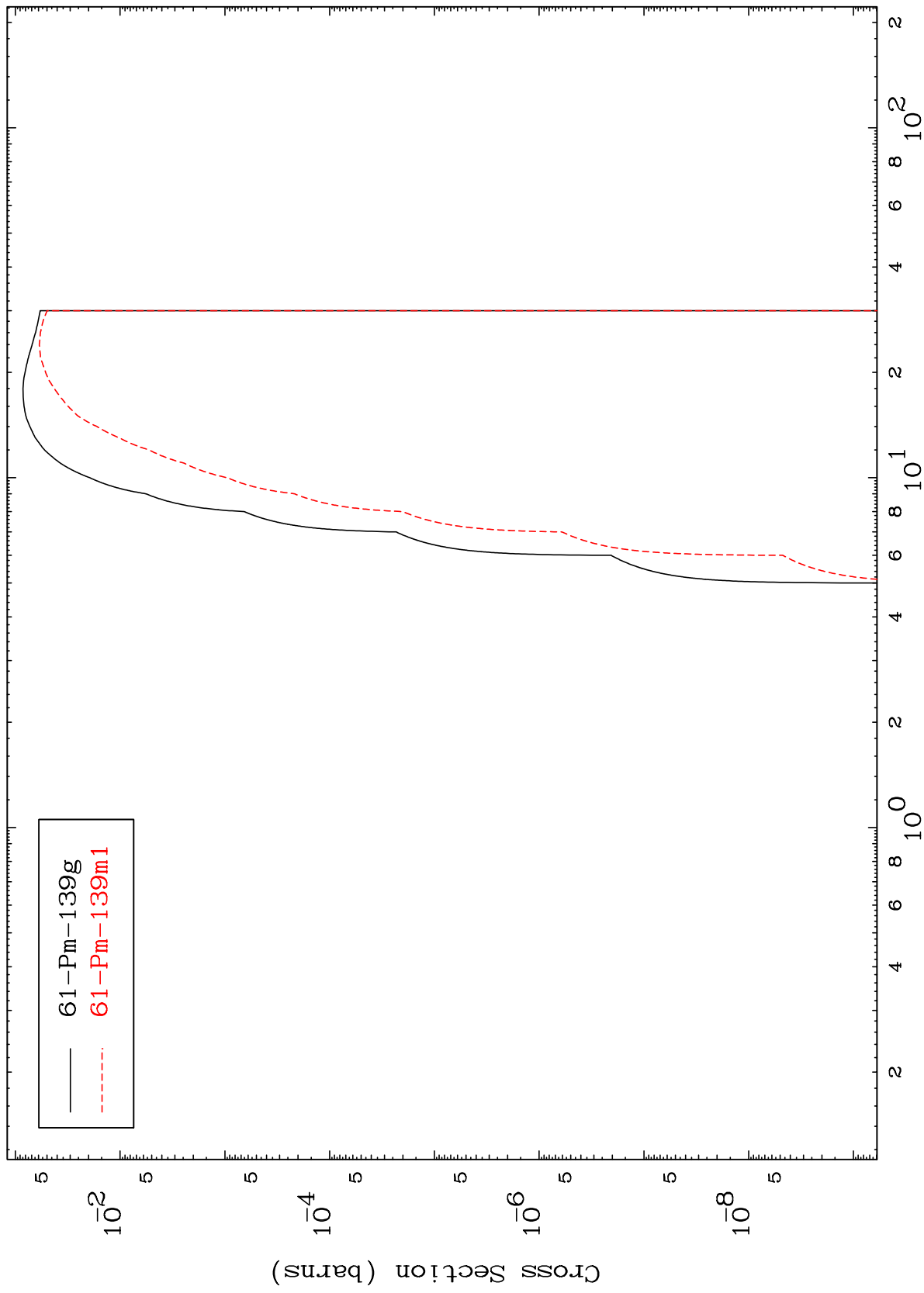
Radionuclide Production Cross Section



MAT 6125

61-Pm-139

(t, t)
Radionuclide Production Cross Section



24

61-Pm-139

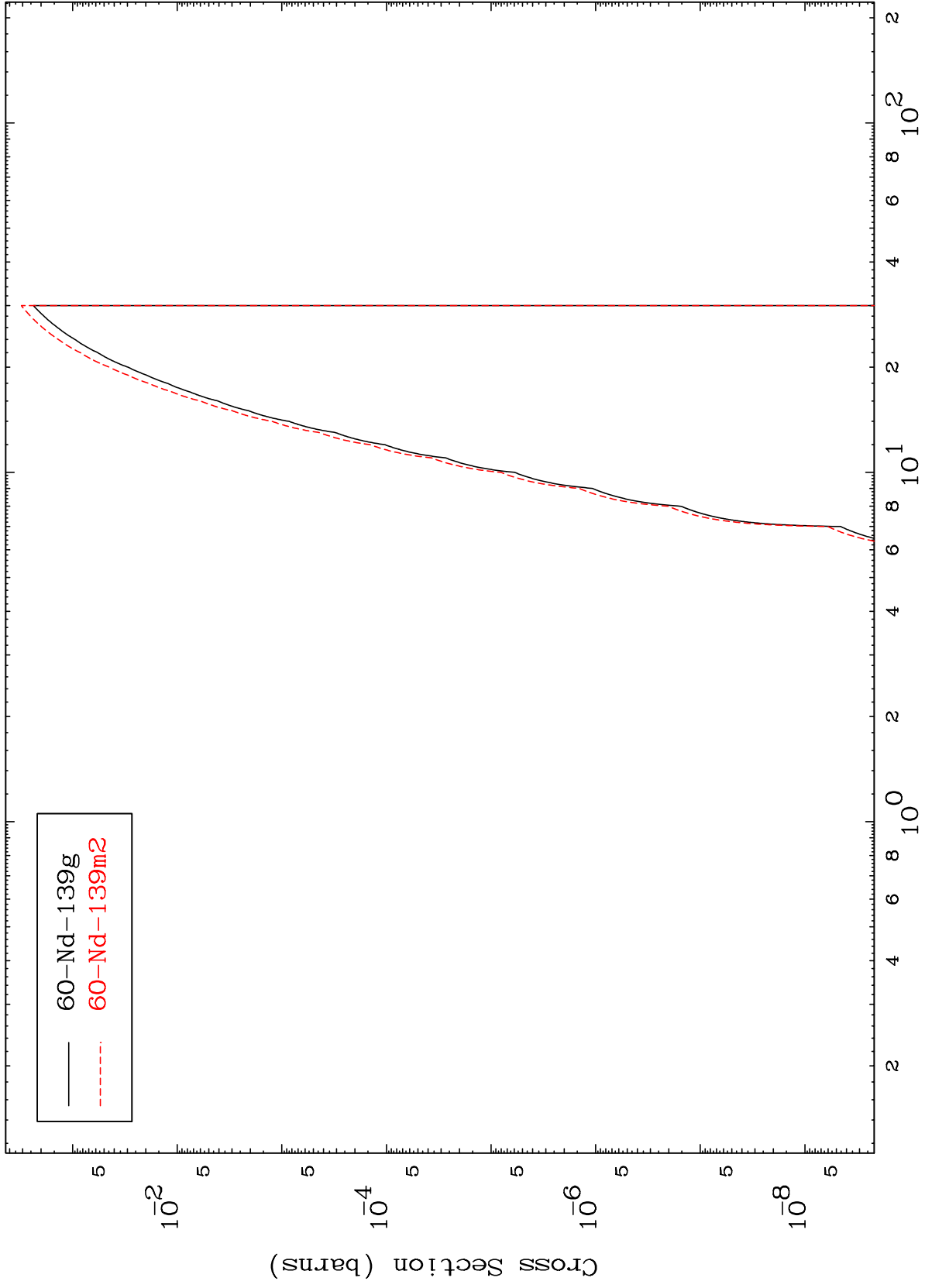
Incident Energy (MeV)

MAT 6125

(t,He-3)

61-Pm-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

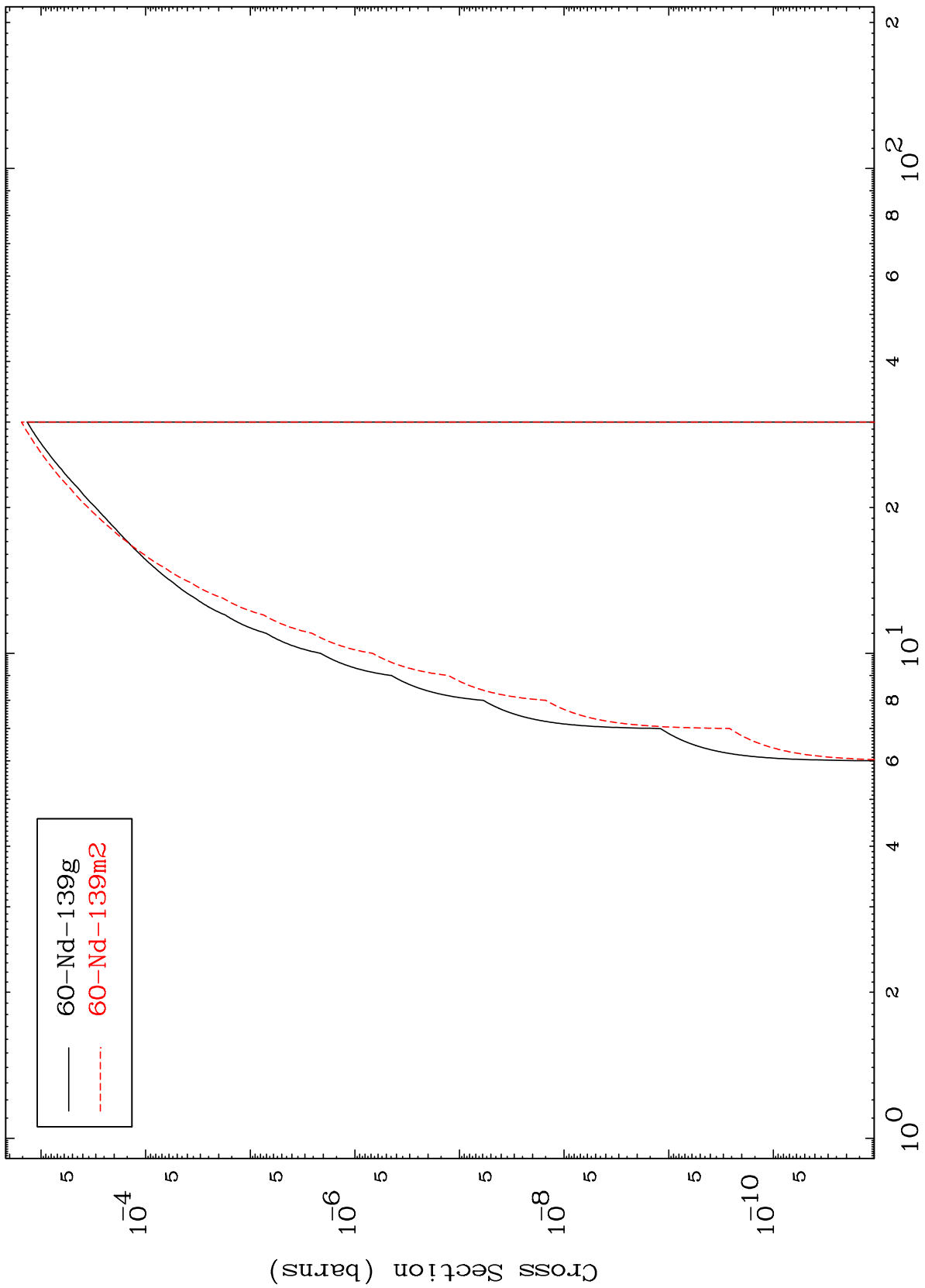
61-Pm-139

MAT 6125

(t,p) d

61-Pm-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

61-Pm-139