

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

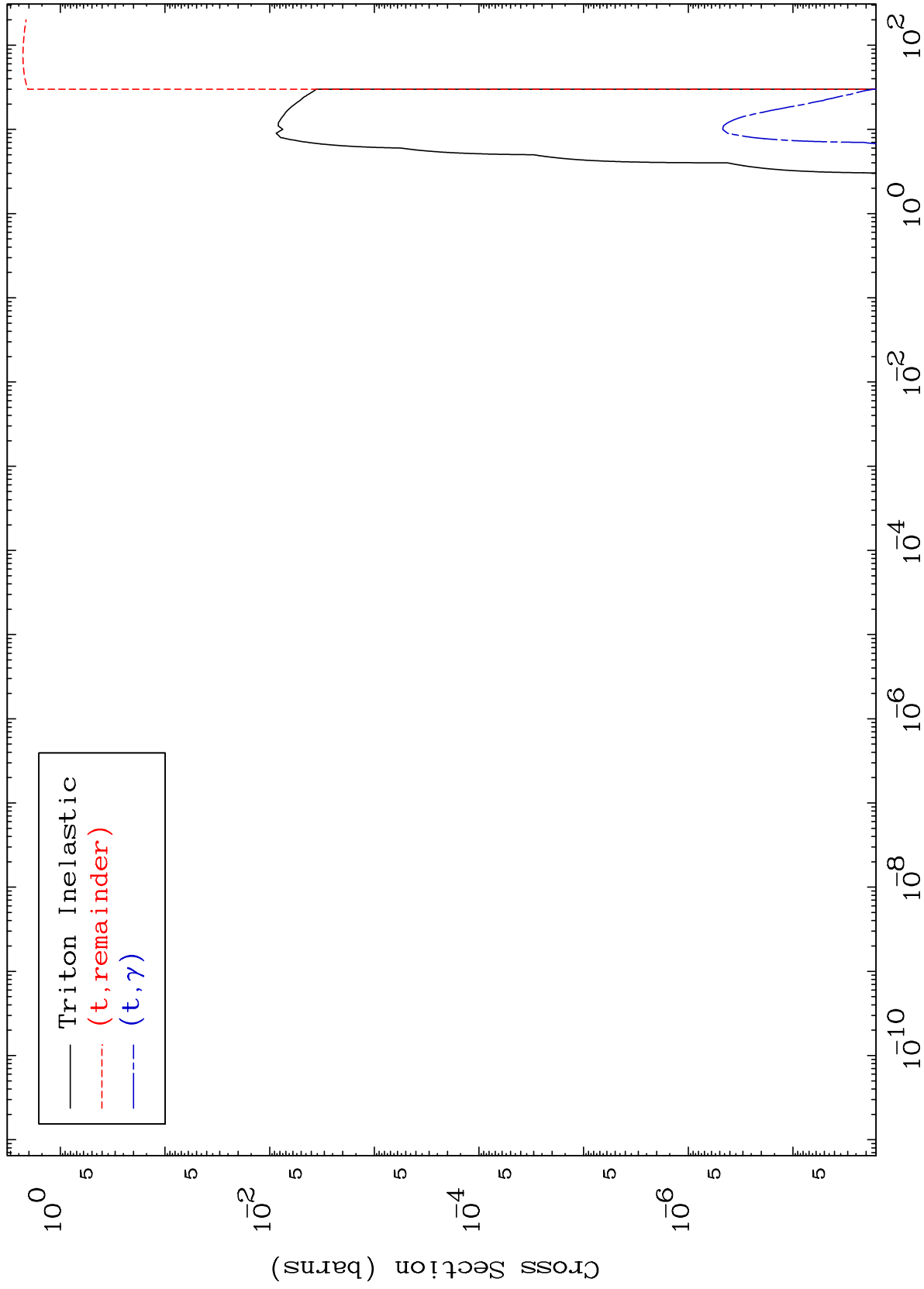
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6046

Triton Major
0 Kelvin Cross Sections

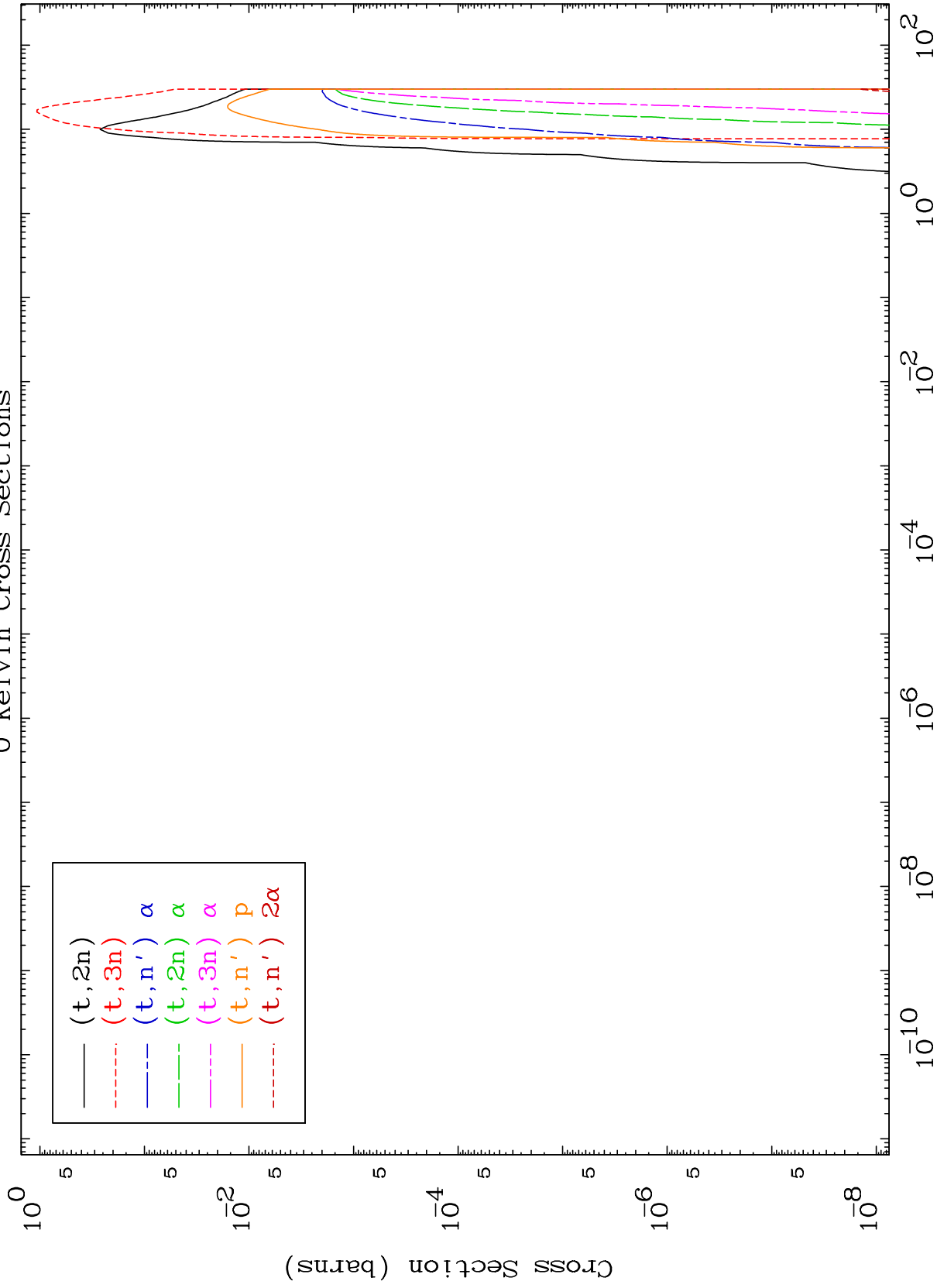
60-Nd-149



MAT 6046

Triton Neutron Production
0 Kelvin Cross Sections

60-Nd-149



2

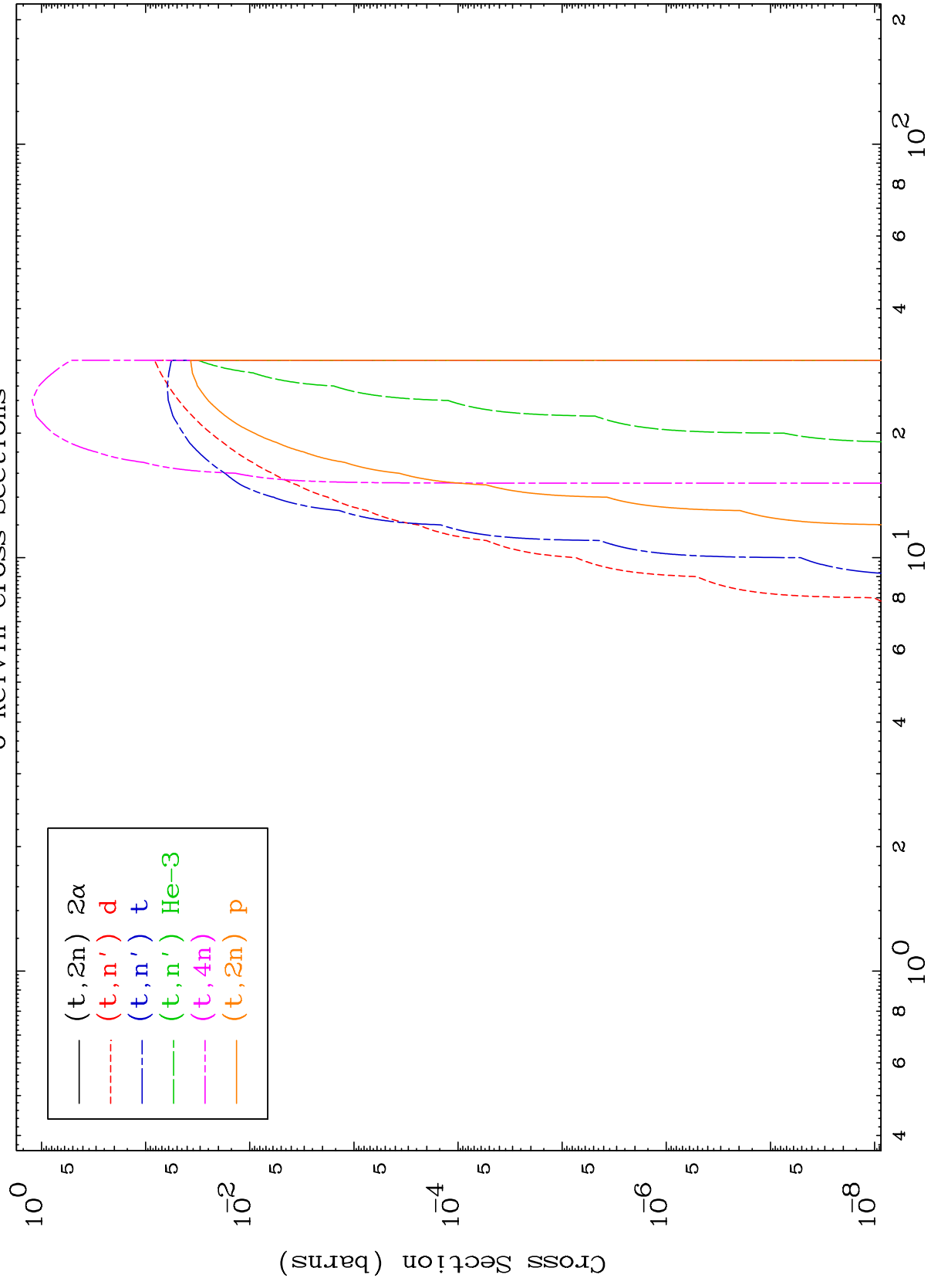
Incident Energy (MeV)

60-Nd-149

MAT 6046

Triton Neutron Production
0 Kelvin Cross Sections

60-Nd-149



3

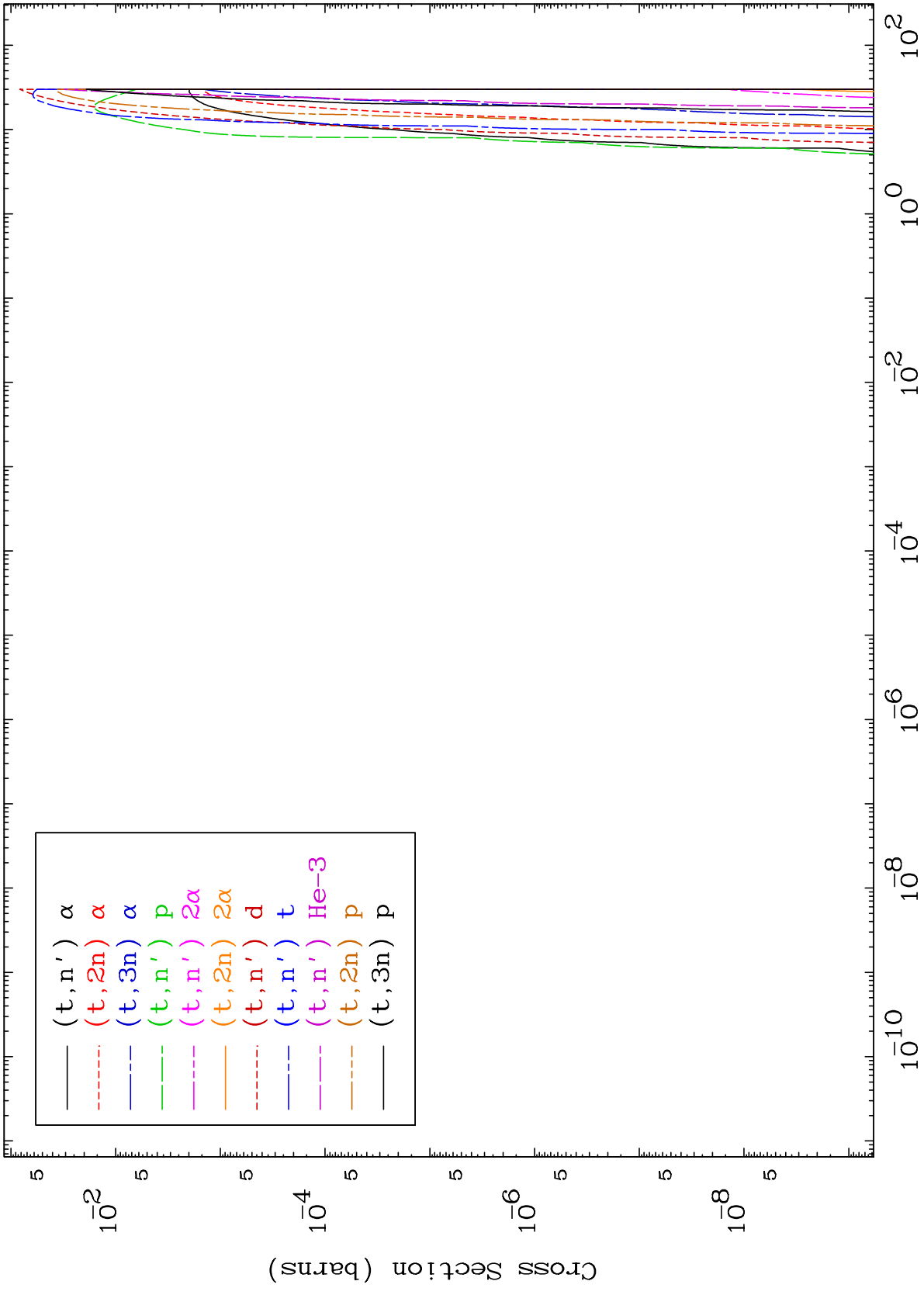
Incident Energy (MeV)

60-Nd-149

MAT 6046

Triton Charged Particle
0 Kelvin Cross Sections

60-Nd-149

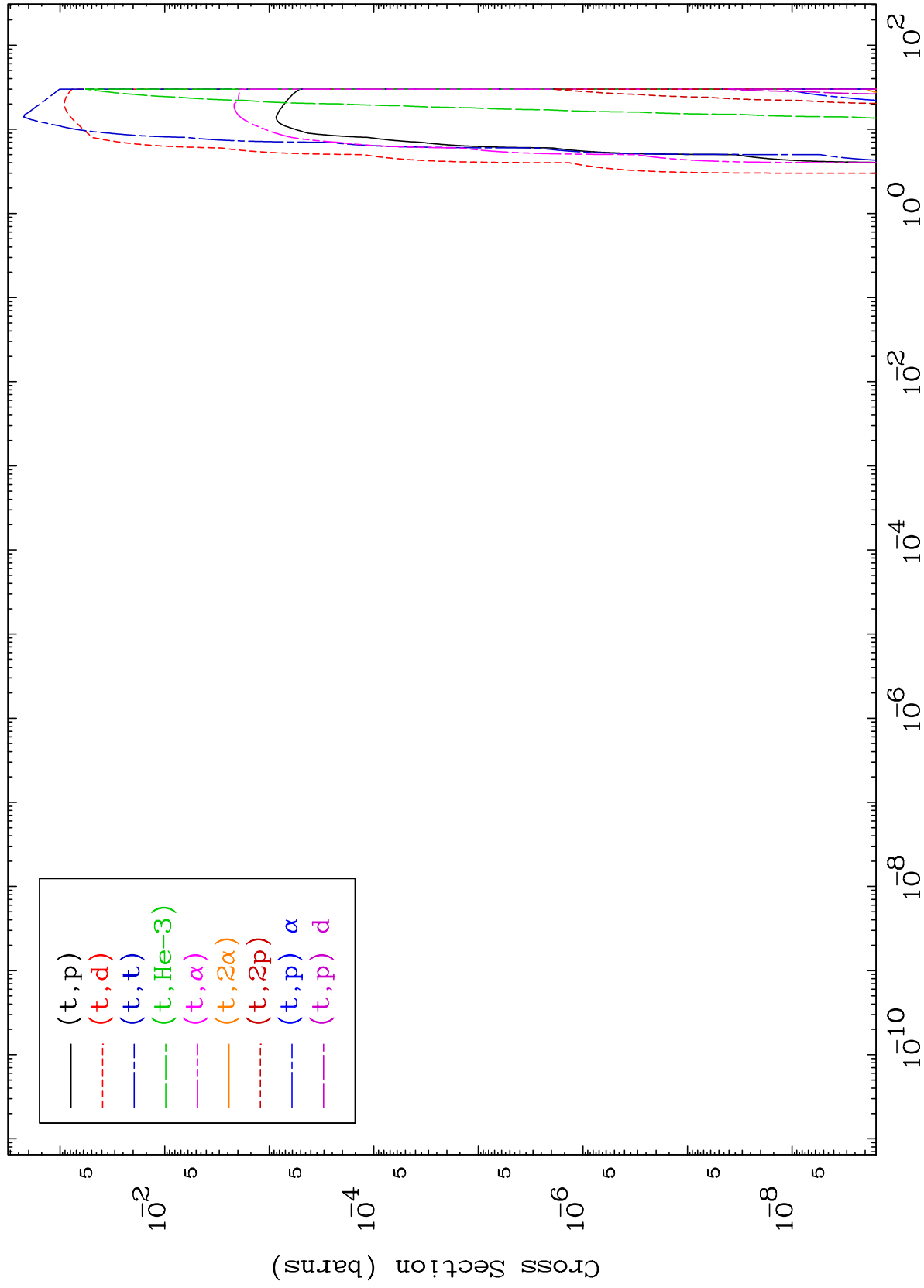


60-Nd-149

MAT 6046

Triton Charged Particle
0 Kelvin Cross Sections

60-Nd-149



5

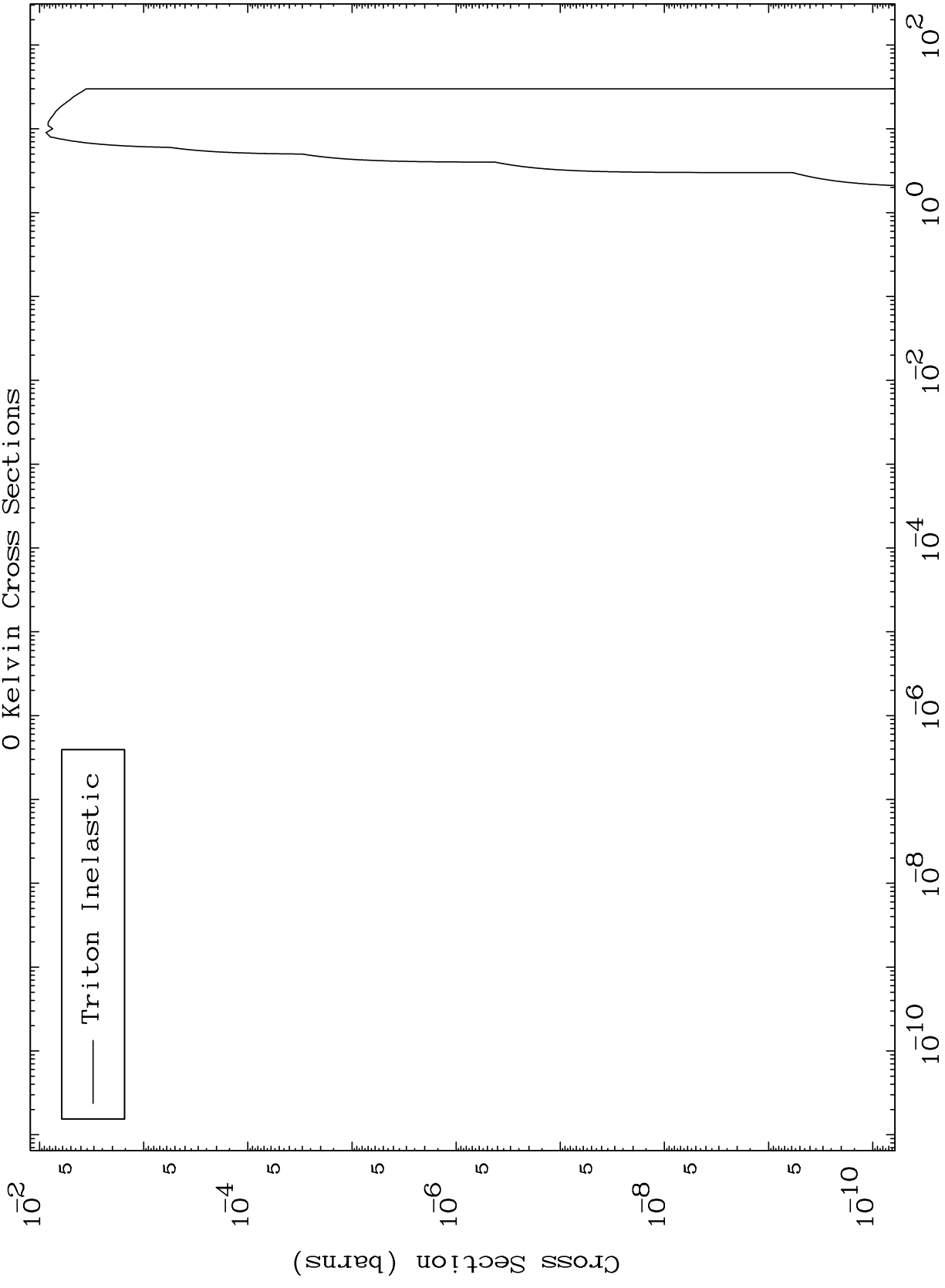
Incident Energy (MeV)

60-Nd-149

MAT 6046

(t,n') Level
0 Kelvin Cross Sections

60-Nd-149

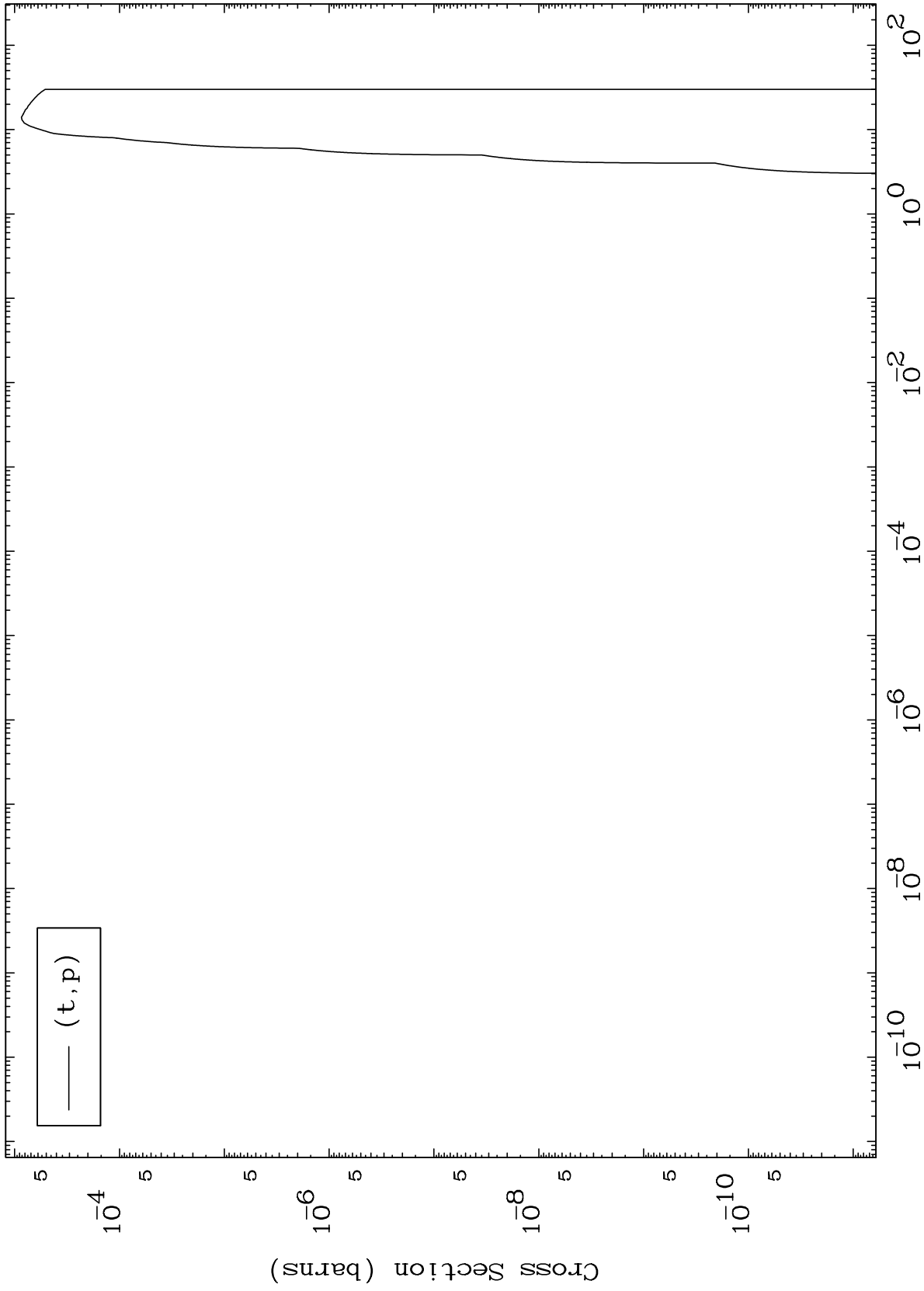


60-Nd-149

MAT 6046

(t,p) Levels
0 Kelvin Cross Sections

60-Nd-149



7

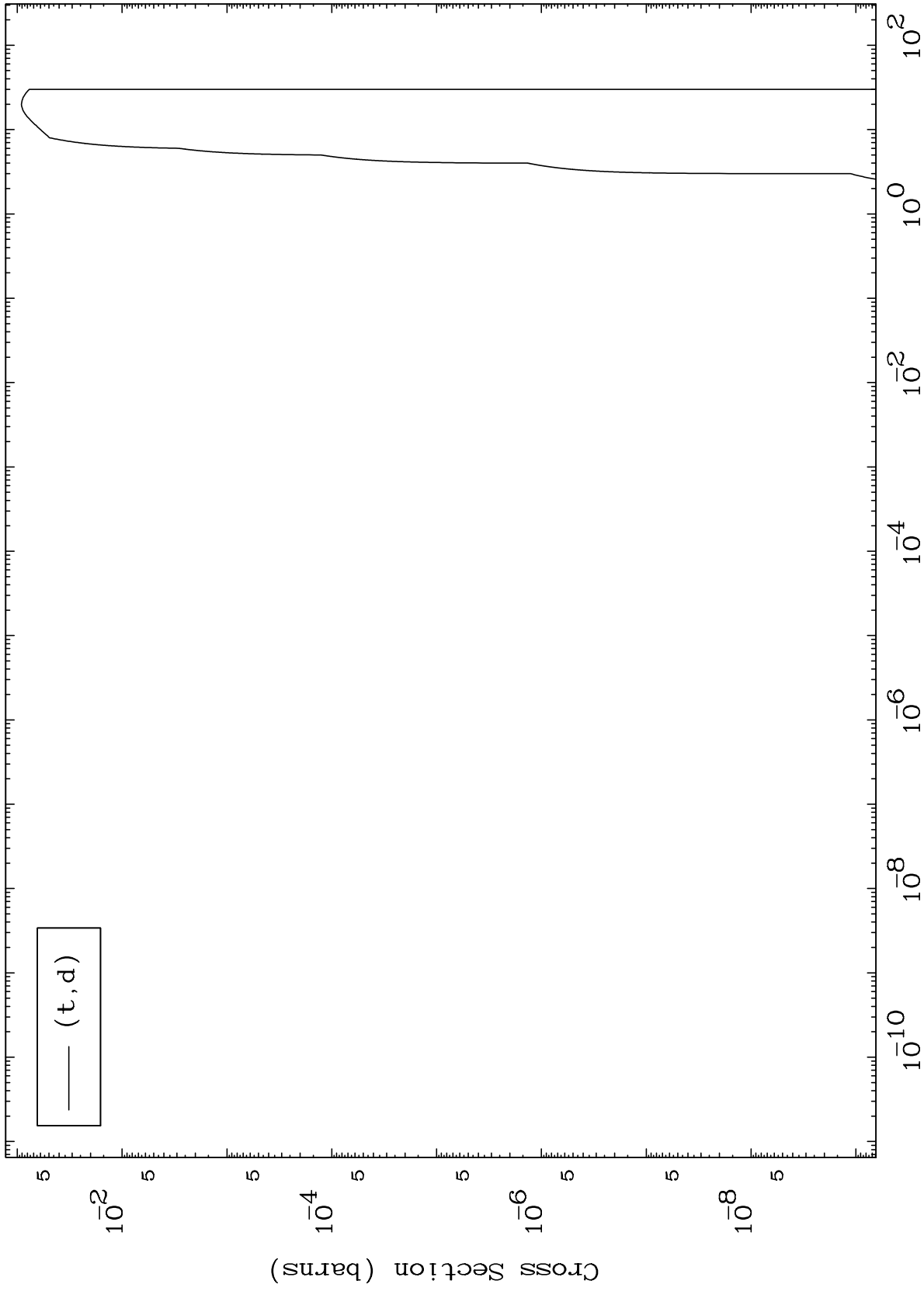
Incident Energy (MeV)

60-Nd-149

MAT 6046

(t,d) Levels
0 Kelvin Cross Sections

60-Nd-149



8

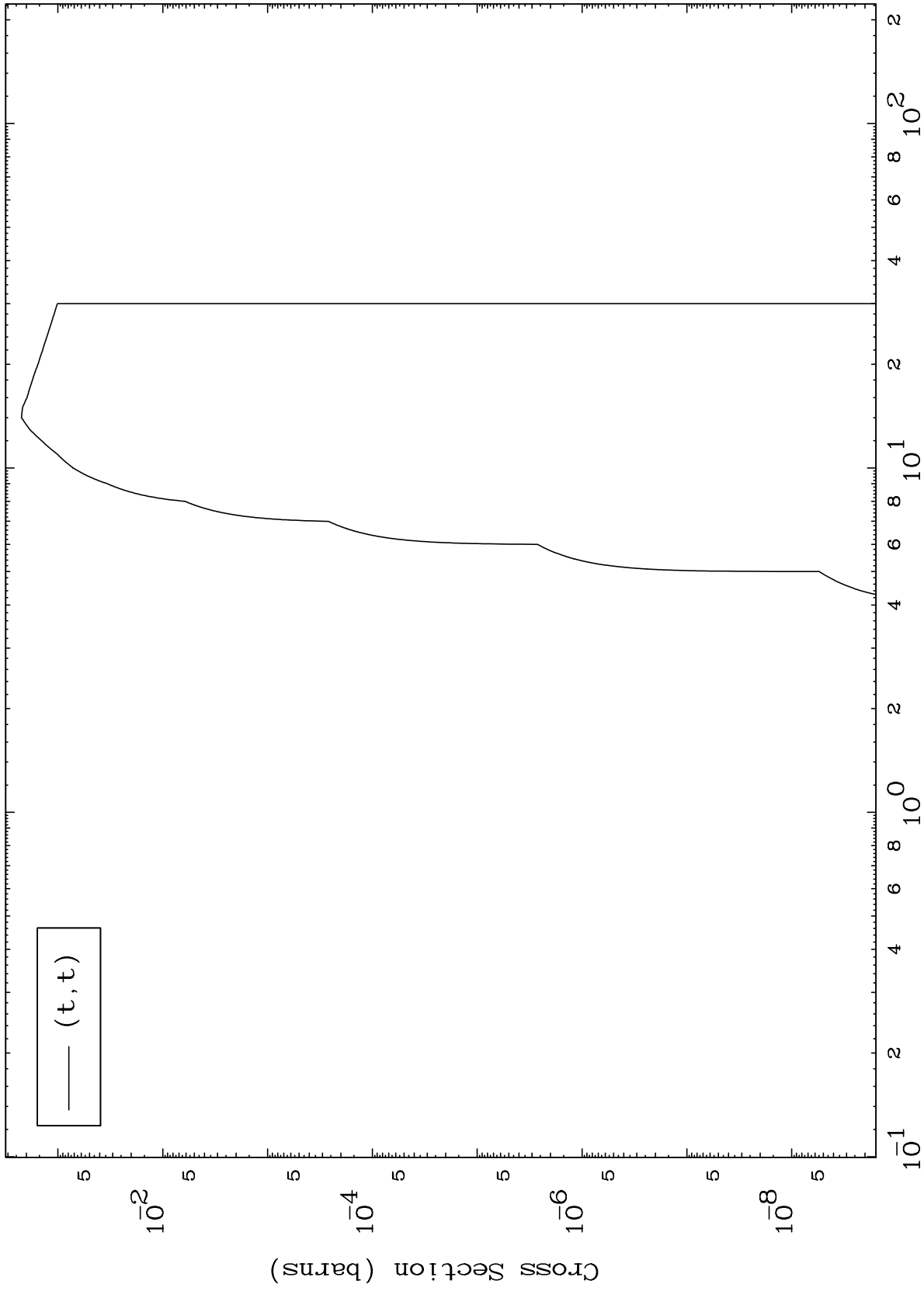
Incident Energy (MeV)

60-Nd-149

MAT 6046

(t,t) Levels
0 Kelvin Cross Sections

60-Nd-149



9

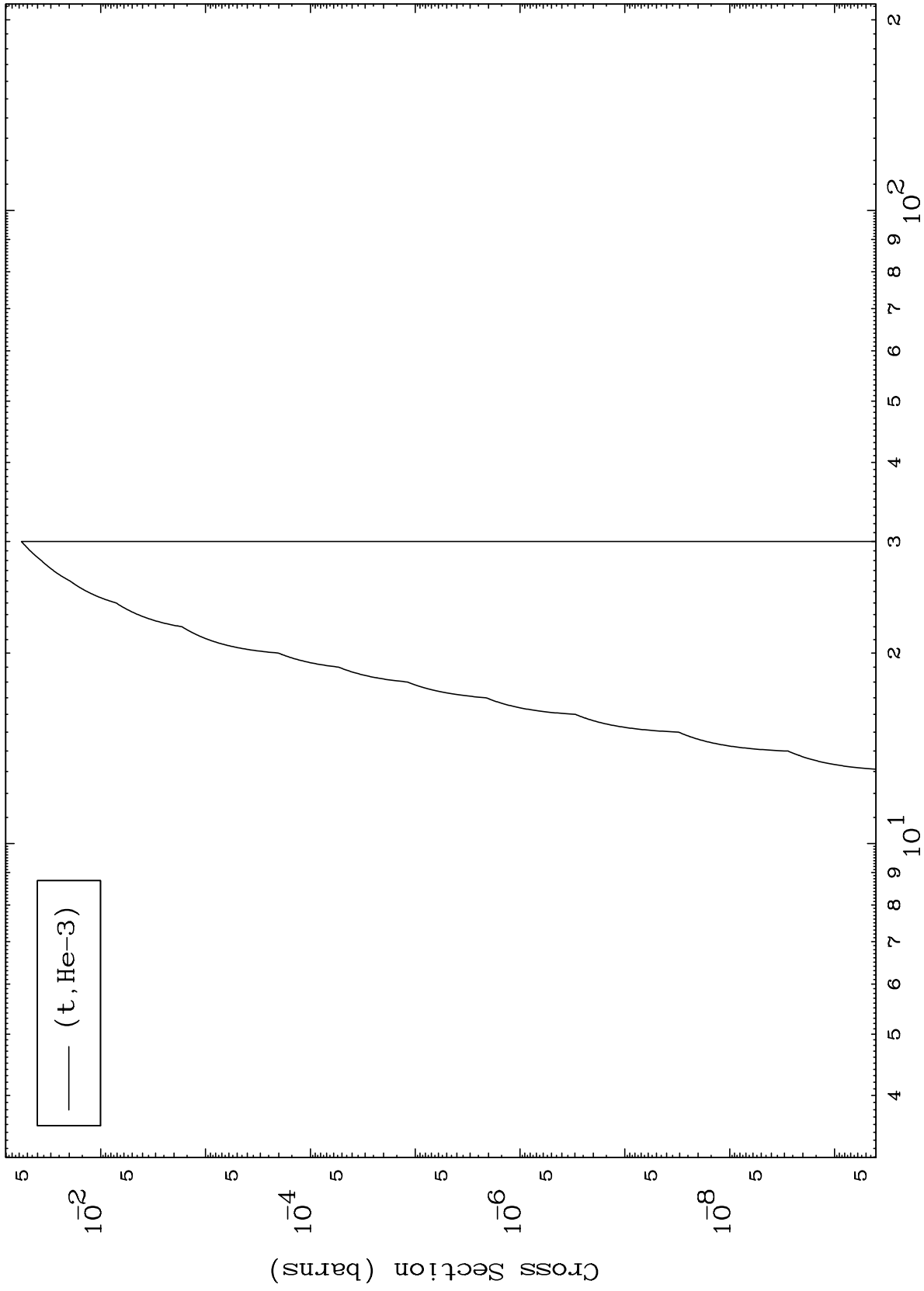
Incident Energy (MeV)

60-Nd-149

MAT 6046

(t,He3) Levels
0 Kelvin Cross Sections

60-Nd-149



10

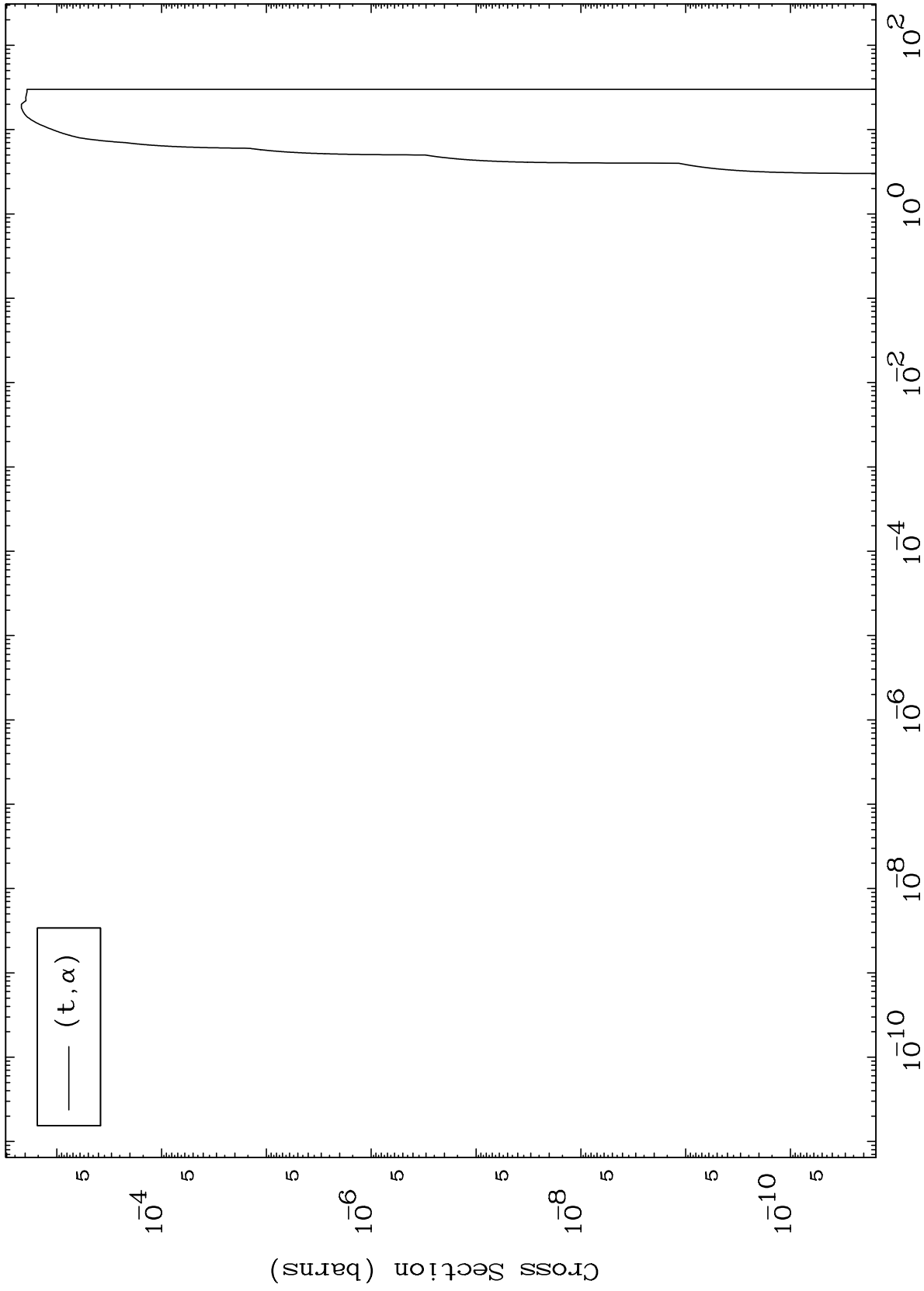
Incident Energy (MeV)

60-Nd-149

MAT 6046

(t,α) Levels
0 Kelvin Cross Sections

60-Nd-149



11

Incident Energy (MeV)

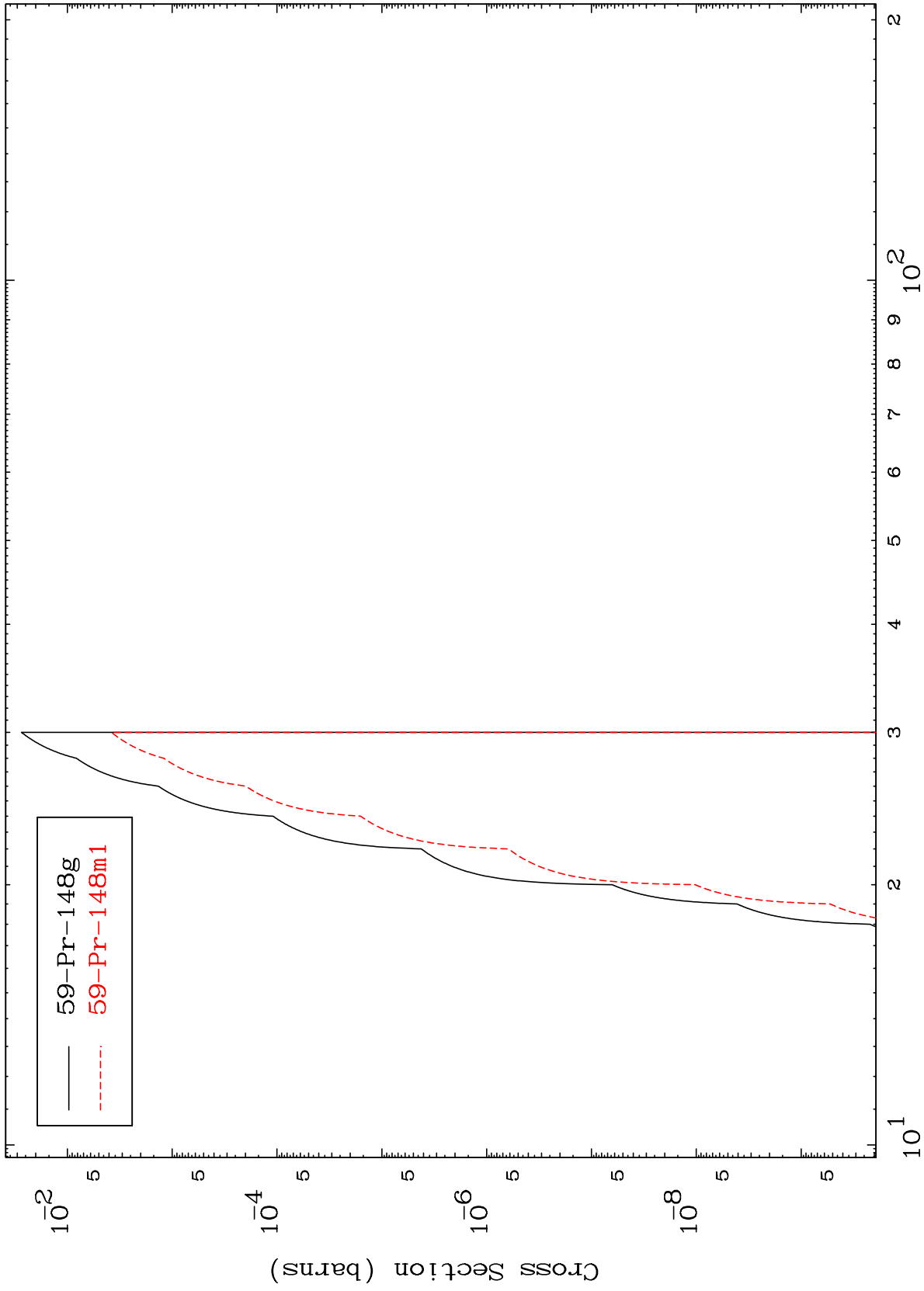
60-Nd-149

MAT 6046

(t, n') He-3

60-Nd-149

Radionuclide Production Cross Section



59-Pr-148g
59-Pr-148m1

10¹

2

3

4

5

6

7

8

9

10²

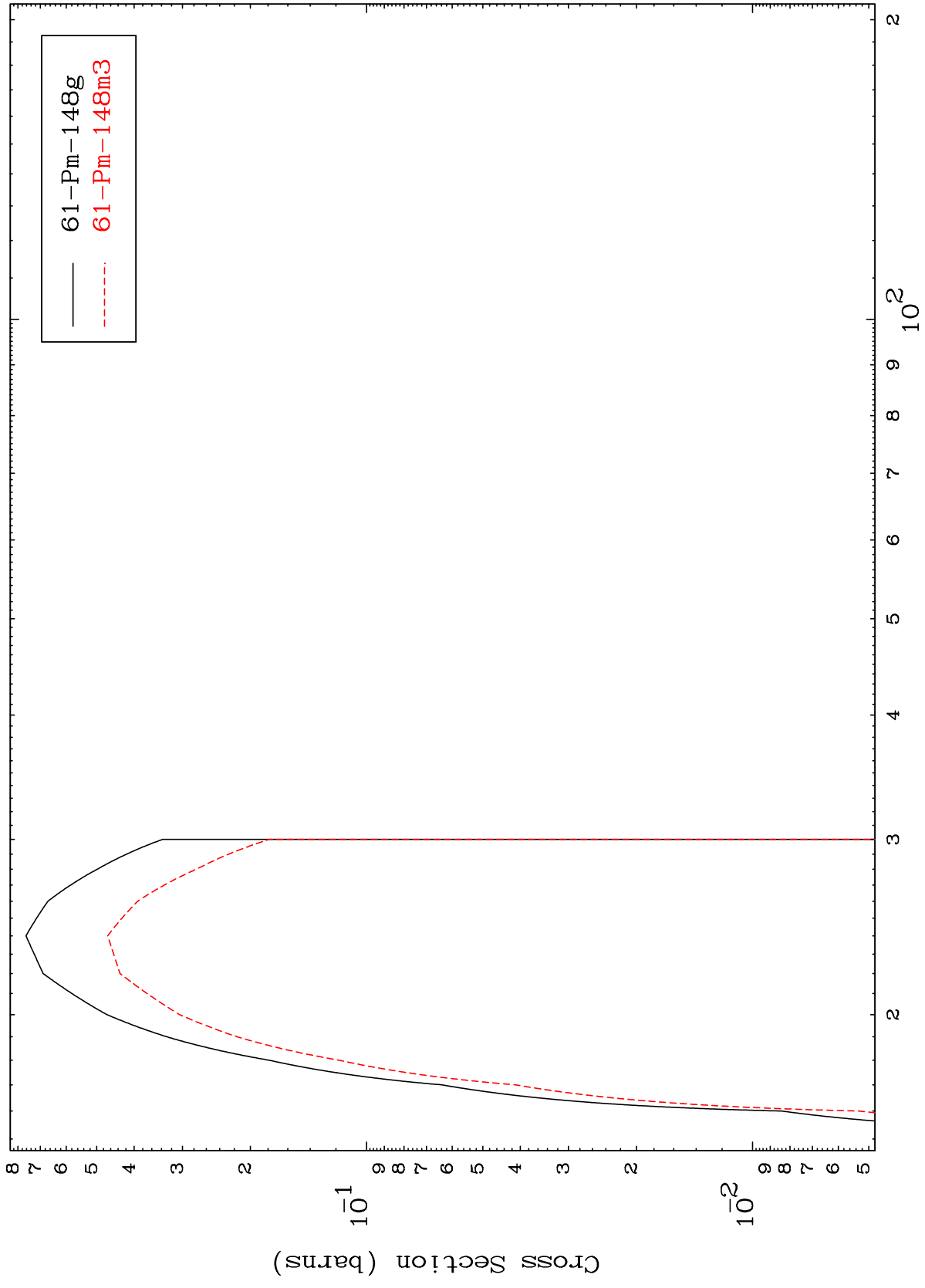
12

MAT 6046

(t, 4n)

60-Nd-149

Radionuclide Production Cross Section



13

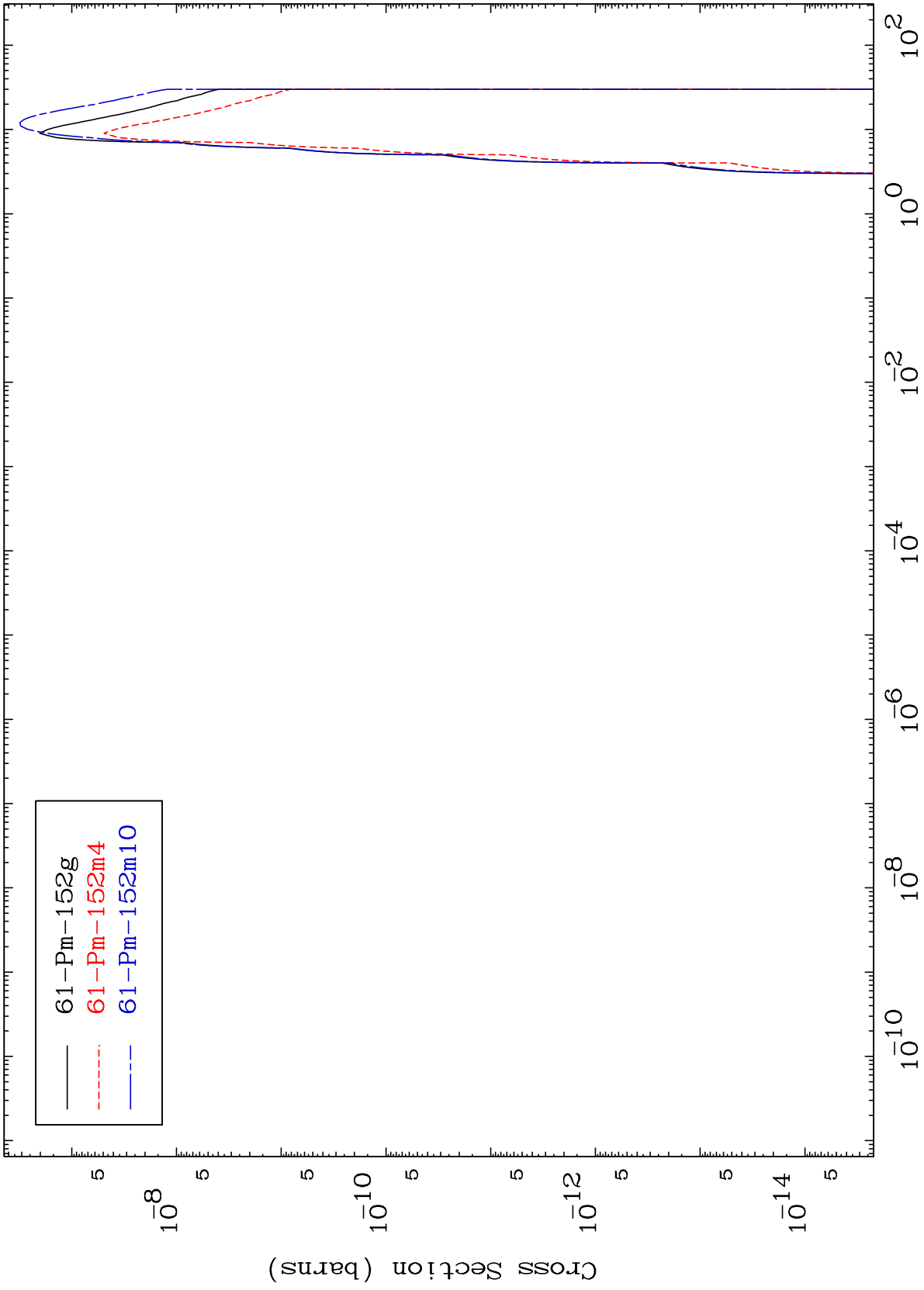
Incident Energy (MeV)

60-Nd-149

MAT 6046

Radionuclide Production Cross Section
(t, γ)

$^{60}\text{Nd}-149$



14

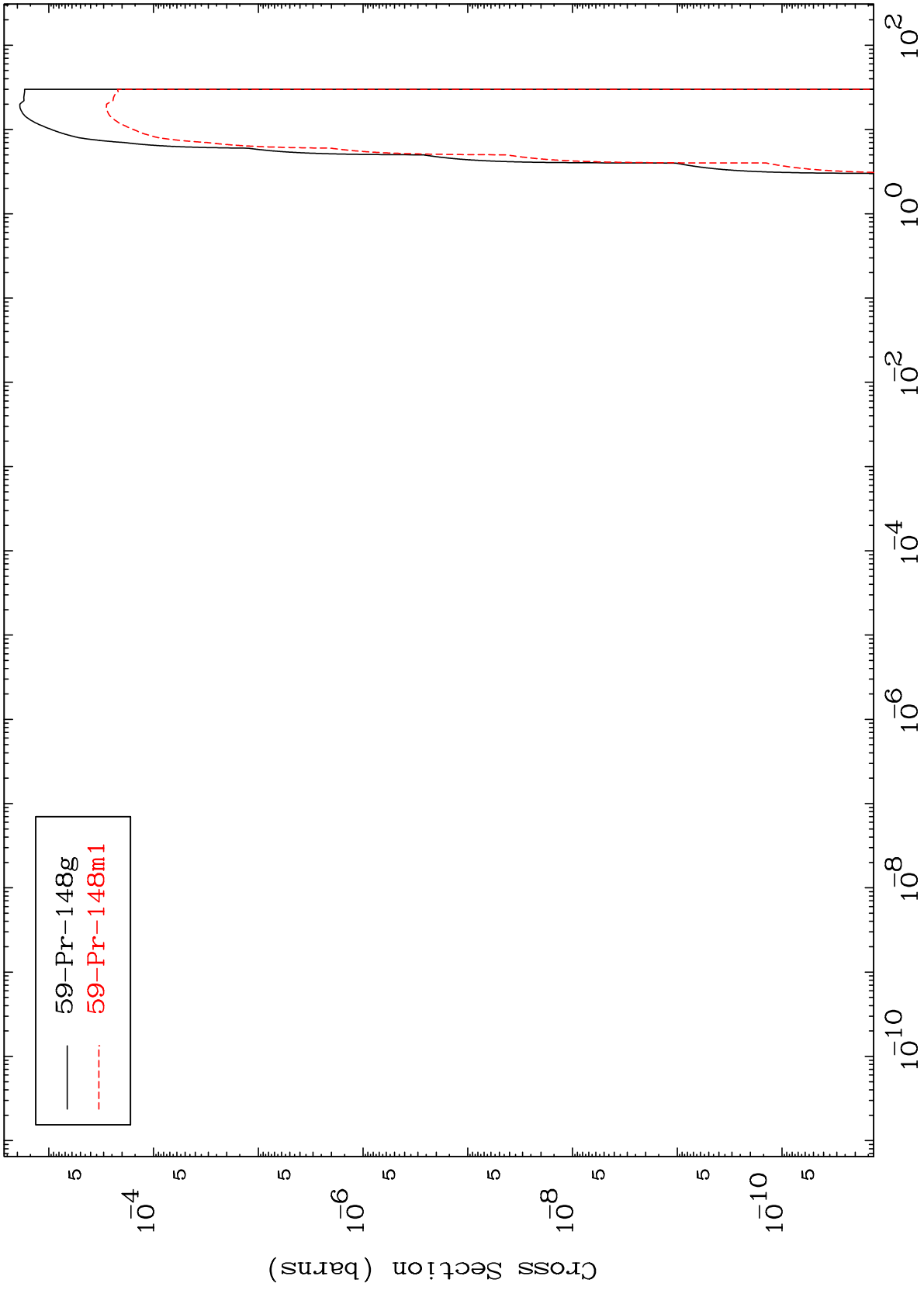
Incident Energy (MeV)

$^{60}\text{Nd}-149$

MAT 6046

(t, α)
Radionuclide Production Cross Section

60-Nd-149



15

Incident Energy (MeV)

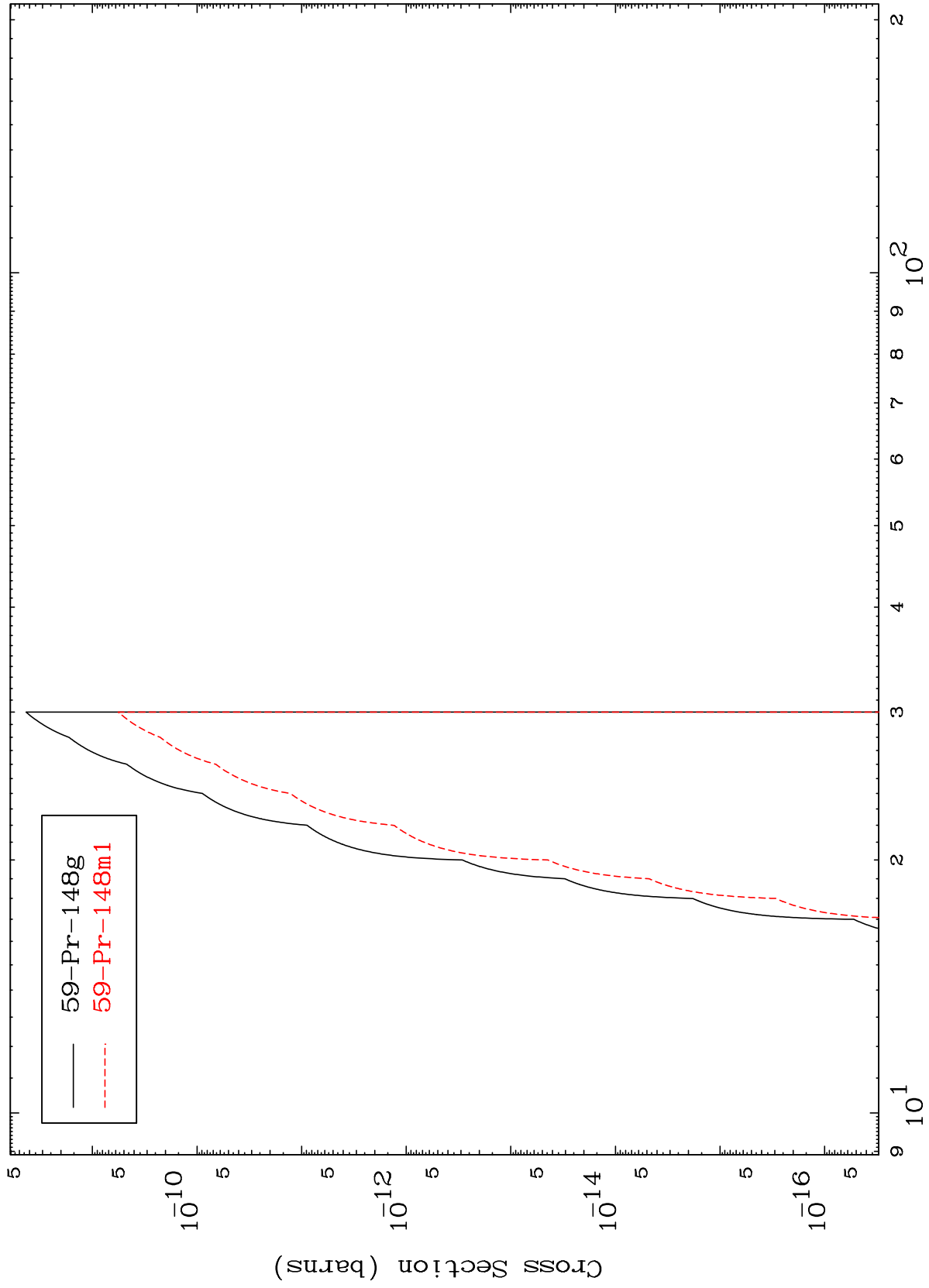
60-Nd-149

MAT 6046

(t,p) t

60-Nd-149

Radionuclide Production Cross Section



16

Incident Energy (MeV)

60-Nd-149