

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

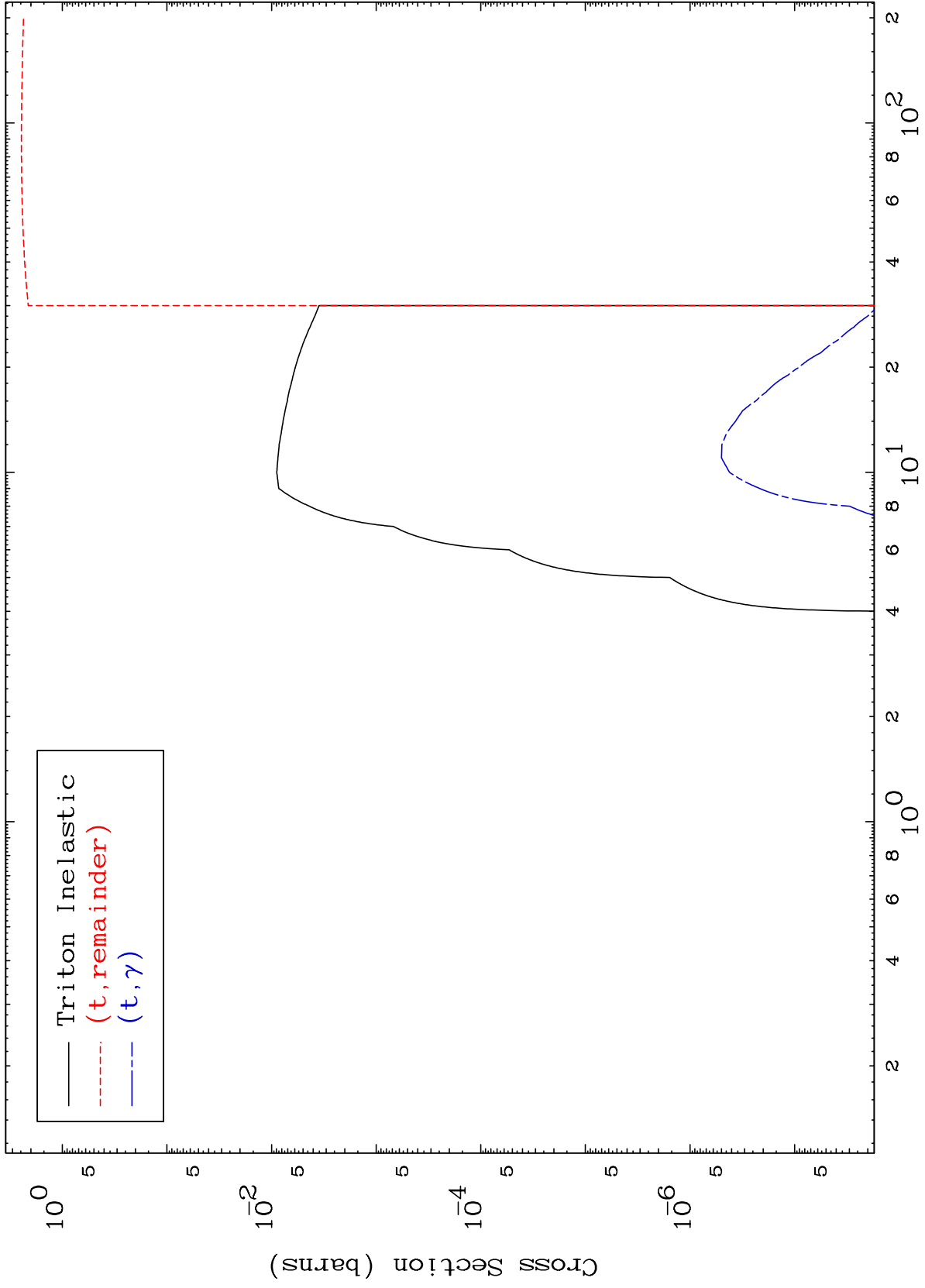
Press Mouse Button to Start

MAT 7052

Triton Major

70-Yb-177

0 Kelvin Cross Sections

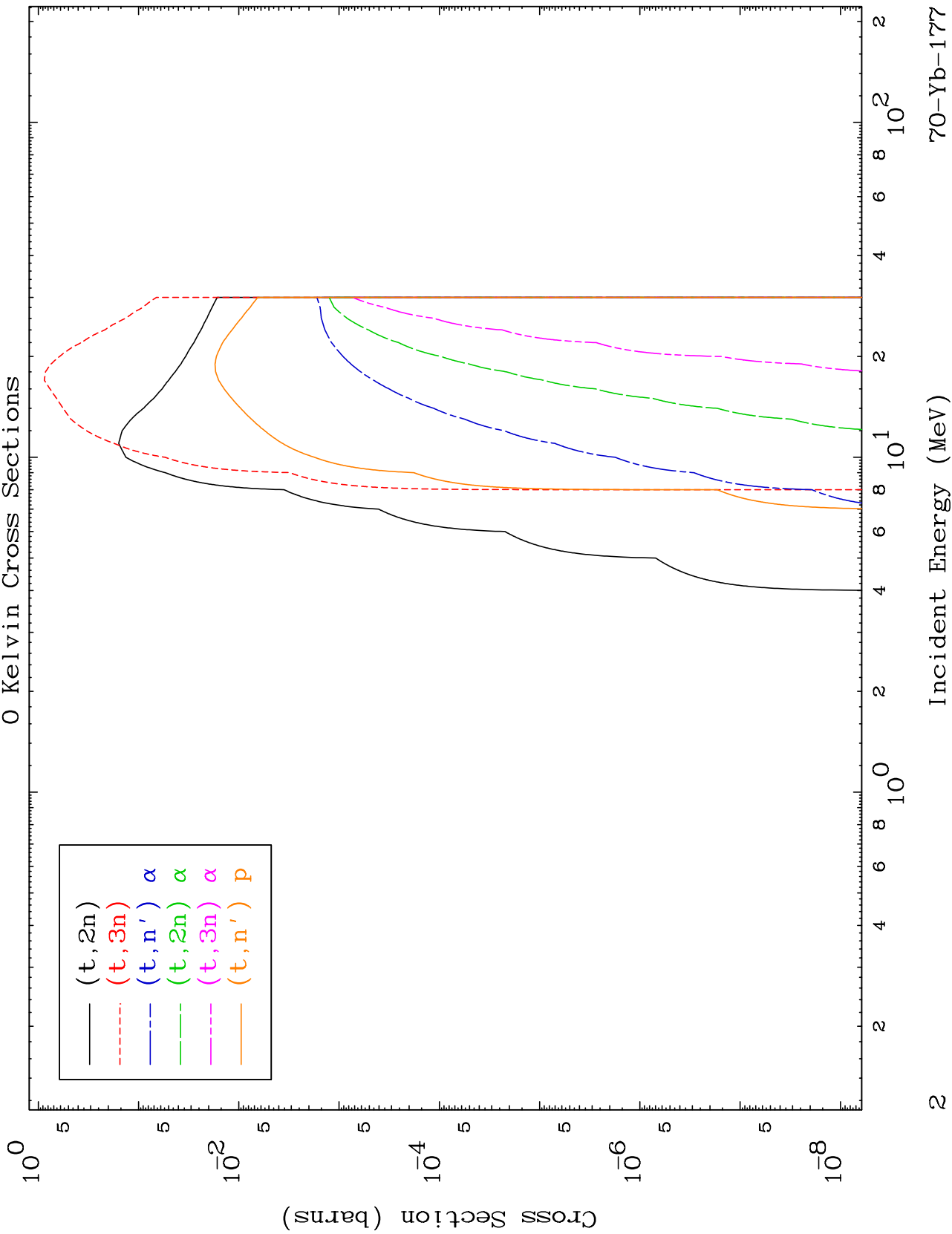


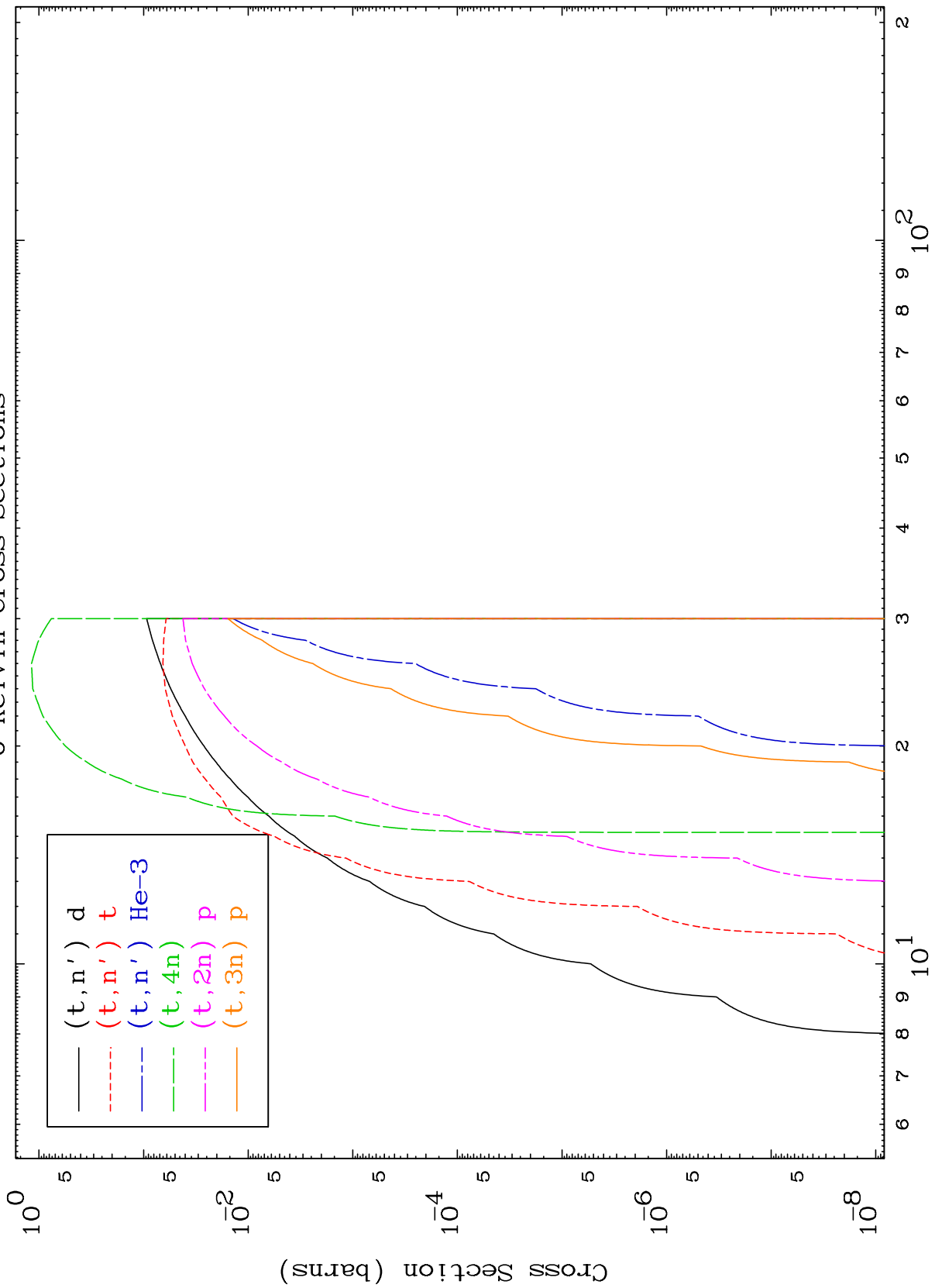
— Triton Inelastic
- - - (t, remainder)
- - - (t, γ)

MAT 7052

Triton Neutron Production
0 Kelvin Cross Sections

70-Yb-177

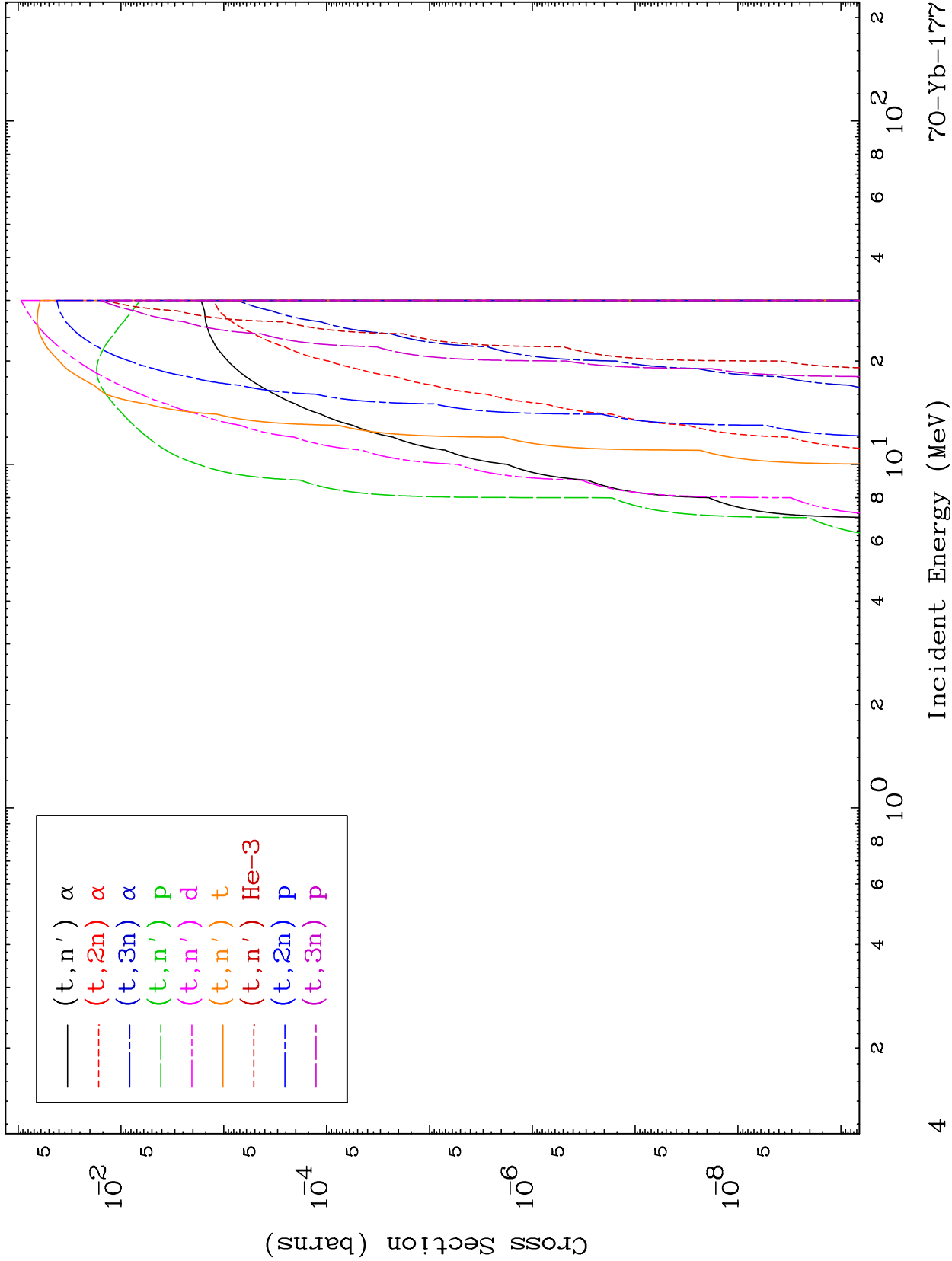


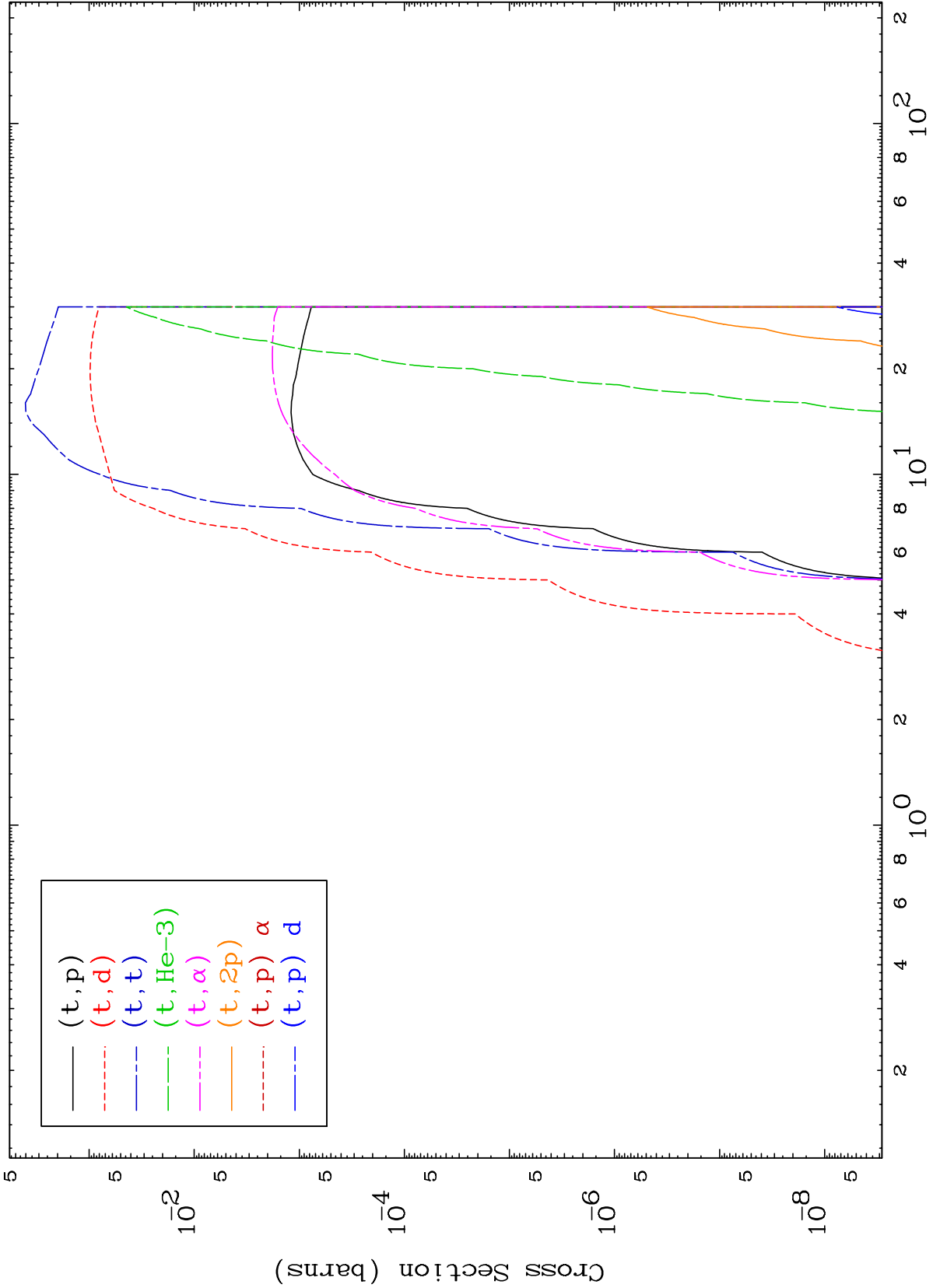


MAT 7052

Triton Charged Particle
0 Kelvin Cross Sections

70-Yb-177



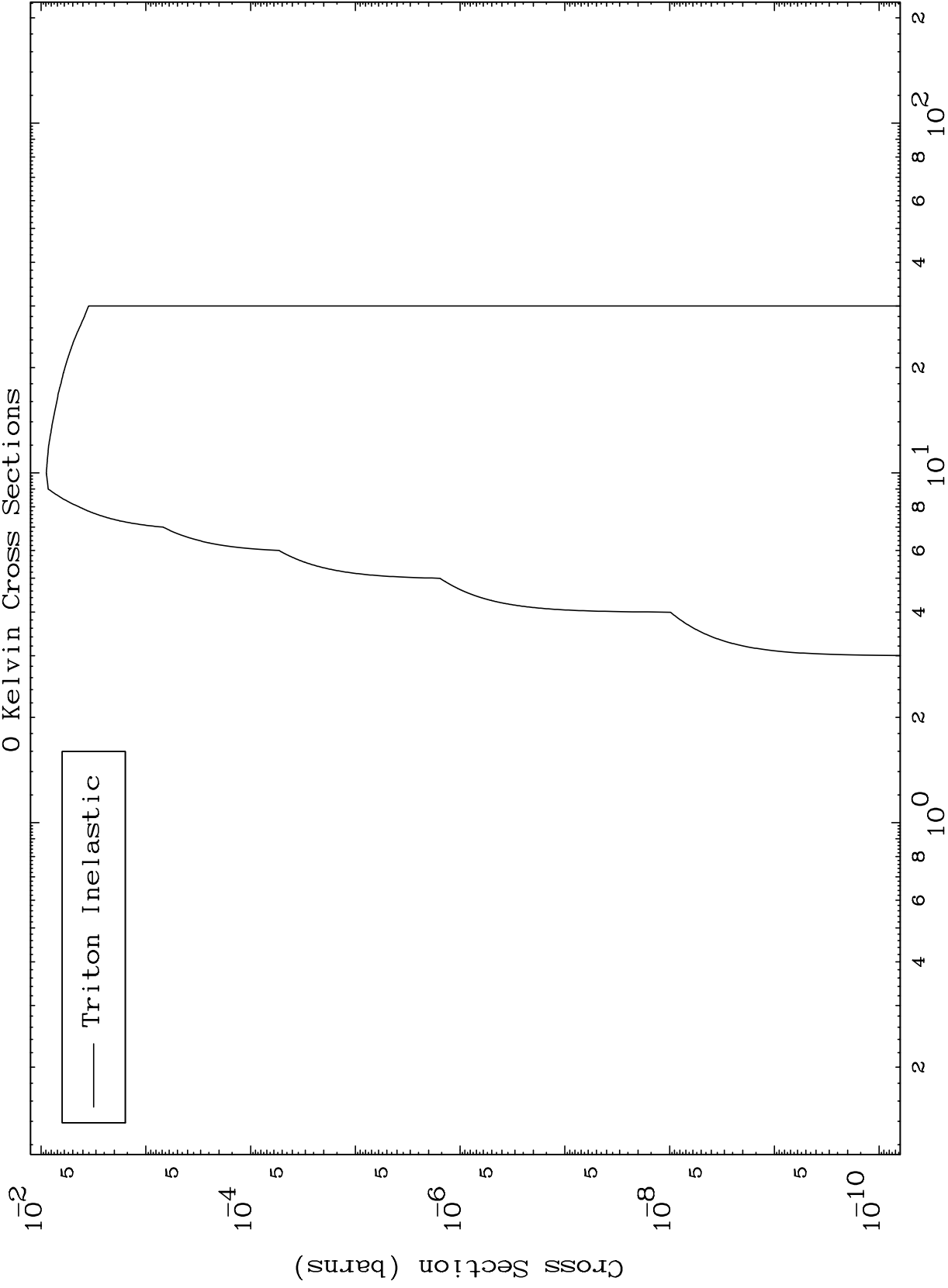


MAT 7052

70-Yb-177

(t, n') Level

0 Kelvin Cross Sections



70-Yb-177

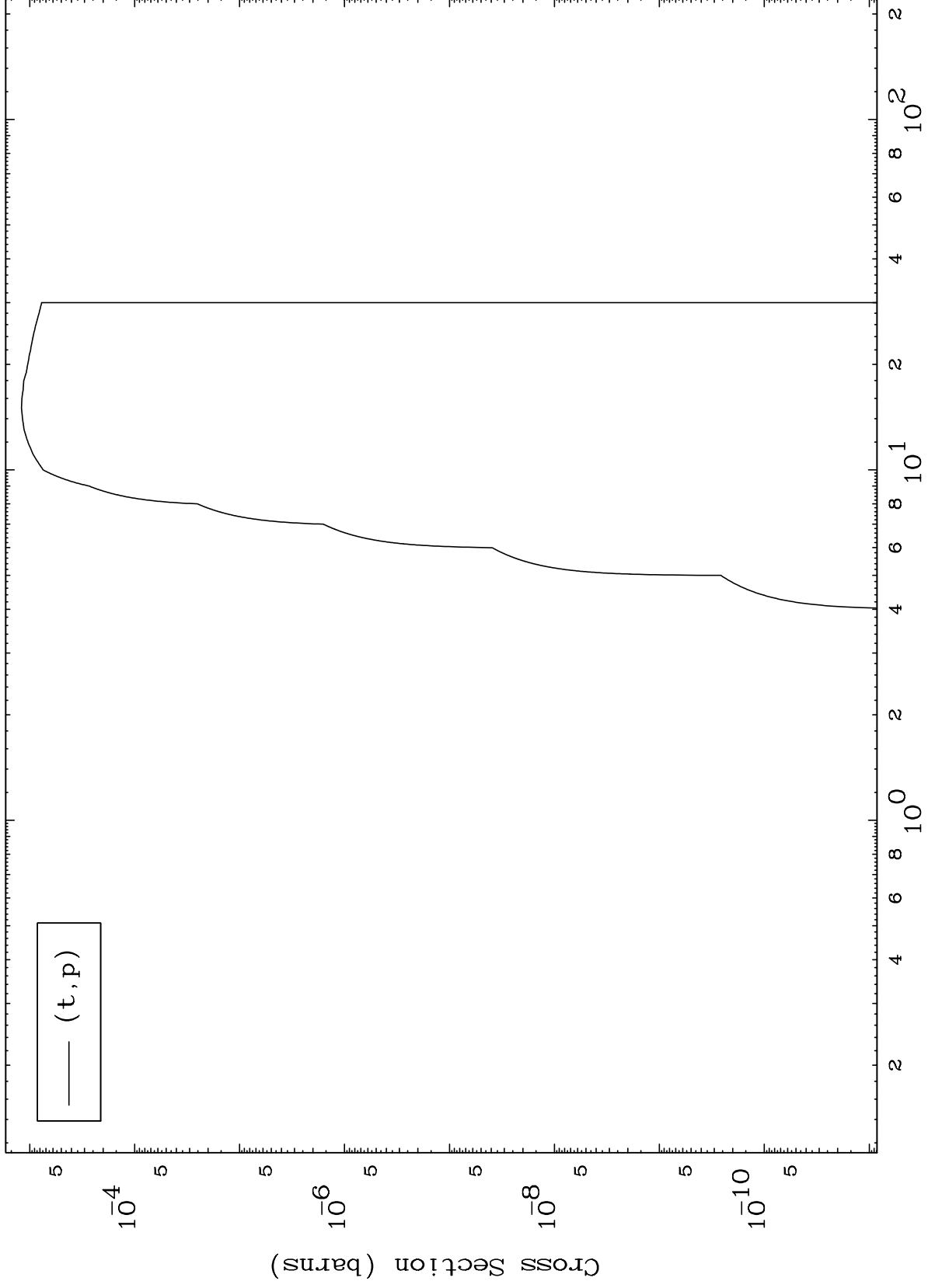
Incident Energy (MeV)

6

MAT 7052

(t,p) Levels
0 Kelvin Cross Sections

70-Yb-177



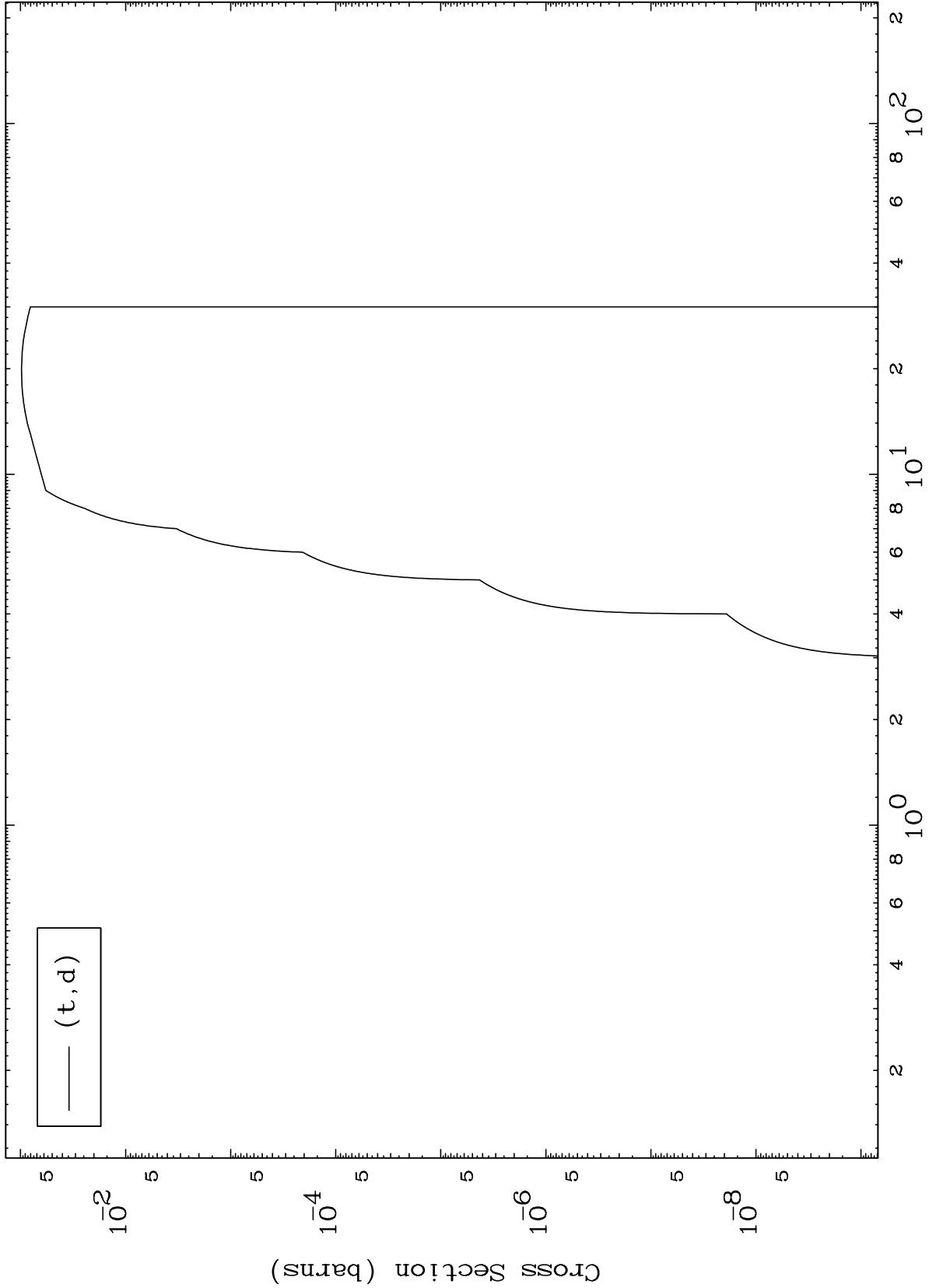
(t,p)

MAT 7052

(t,d) Levels

70-Yb-177

0 Kelvin Cross Sections

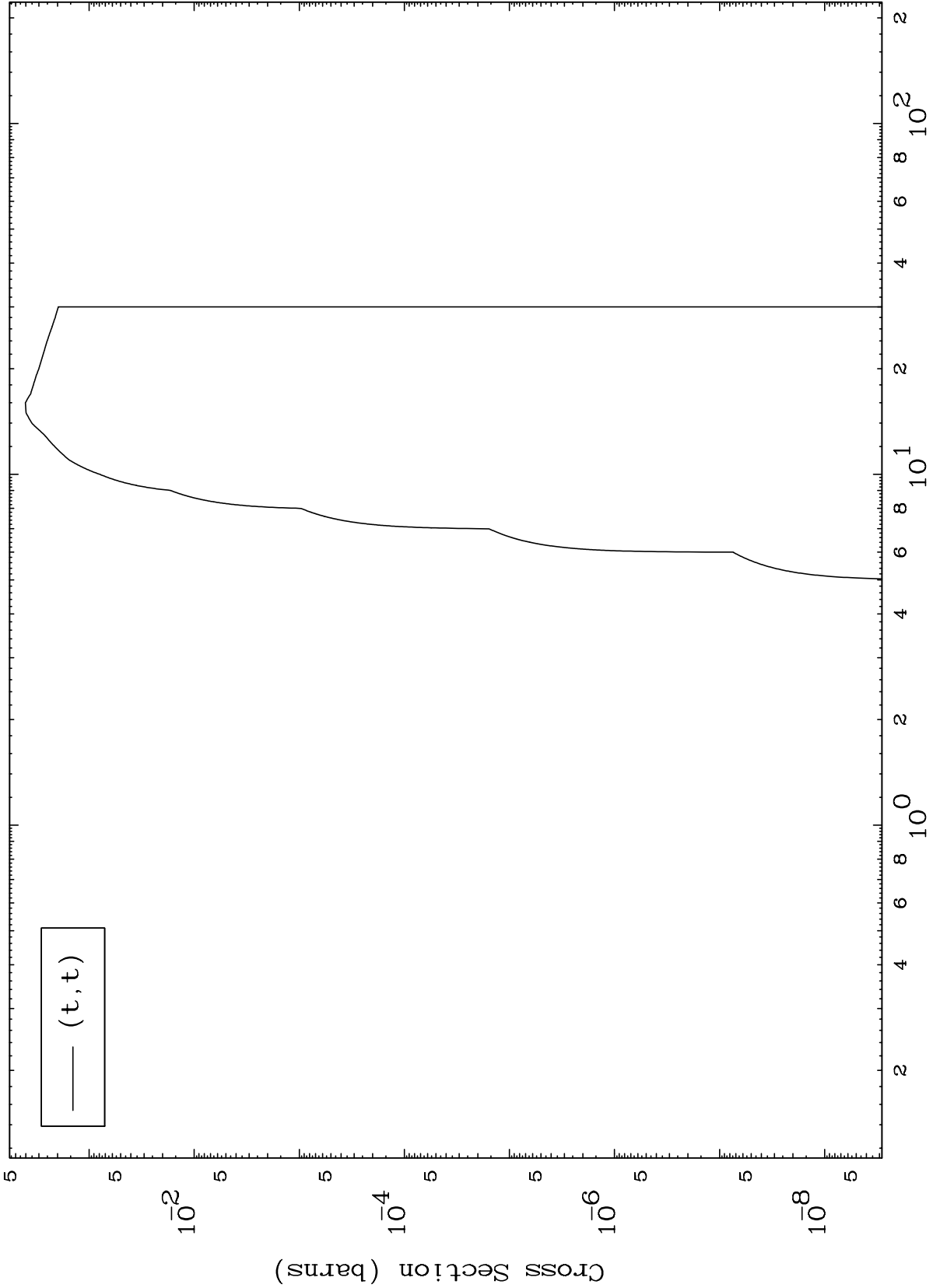


MAT 7052

(t, t) Levels

70-Yb-177

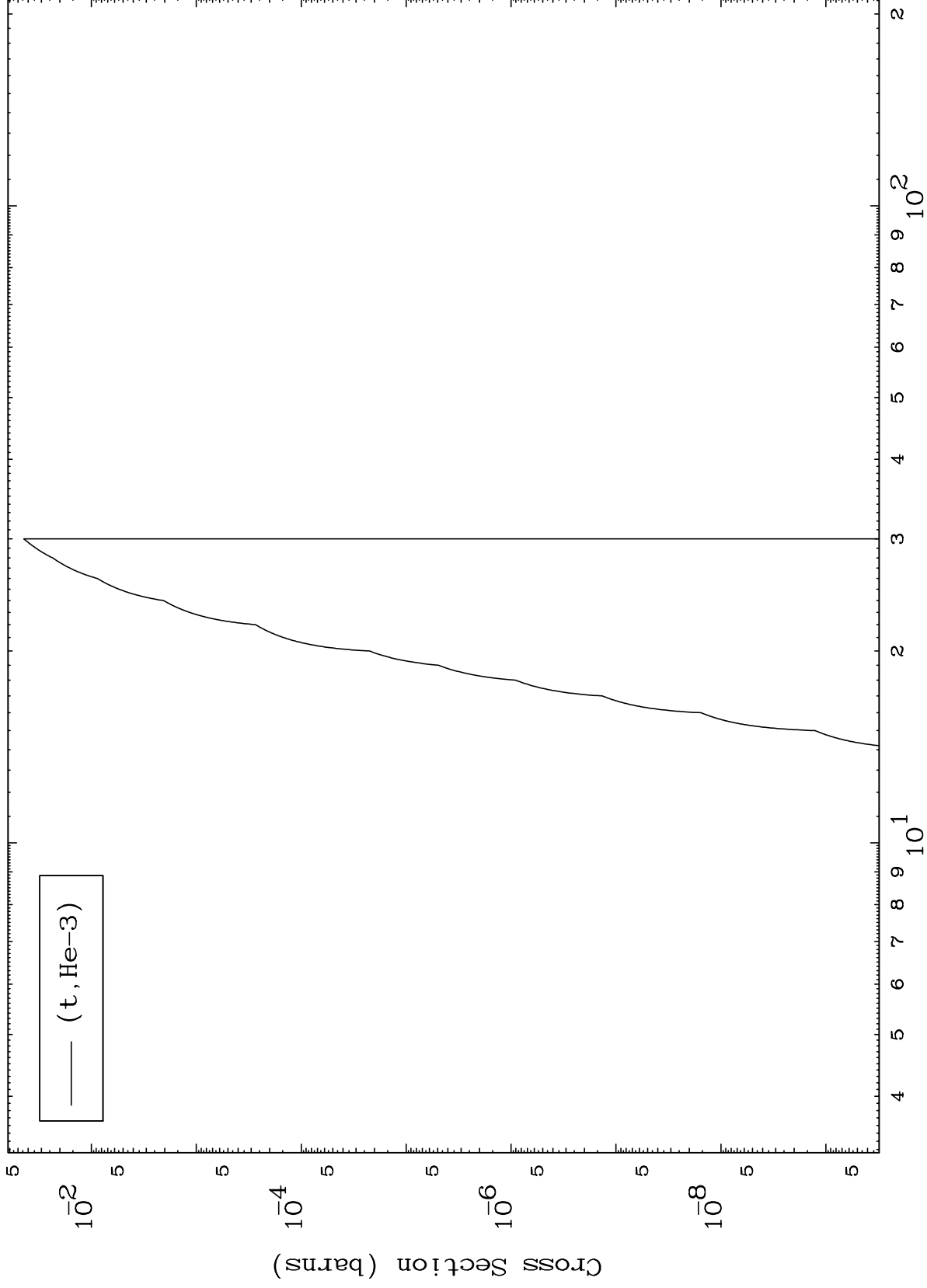
0 Kelvin Cross Sections



MAT 7052

(t,He3) Levels
0 Kelvin Cross Sections

70-Yb-177



10

Incident Energy (MeV)

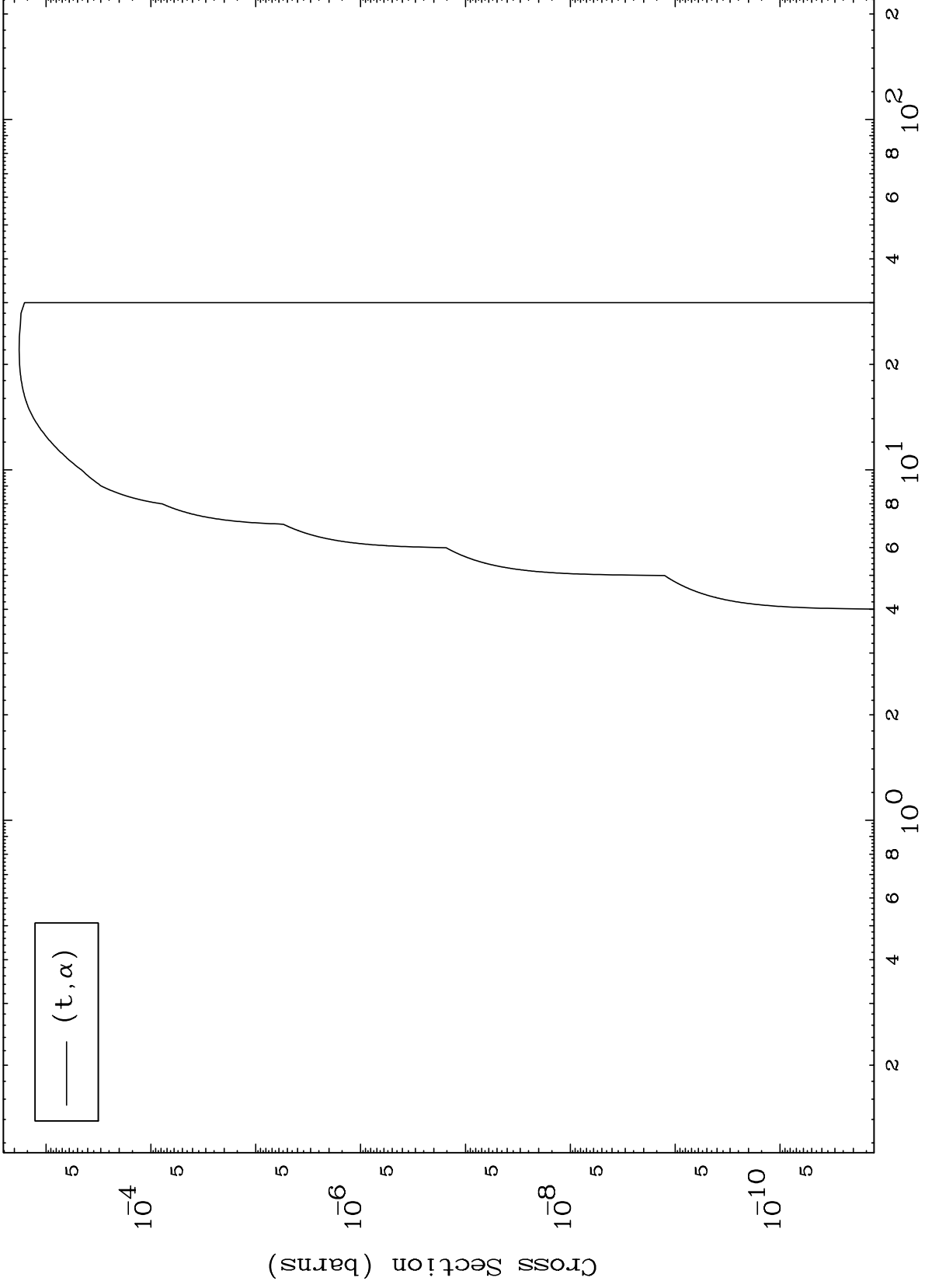
70-Yb-177

MAT 7052

(t, α) Levels

70-Yb-177

0 Kelvin Cross Sections

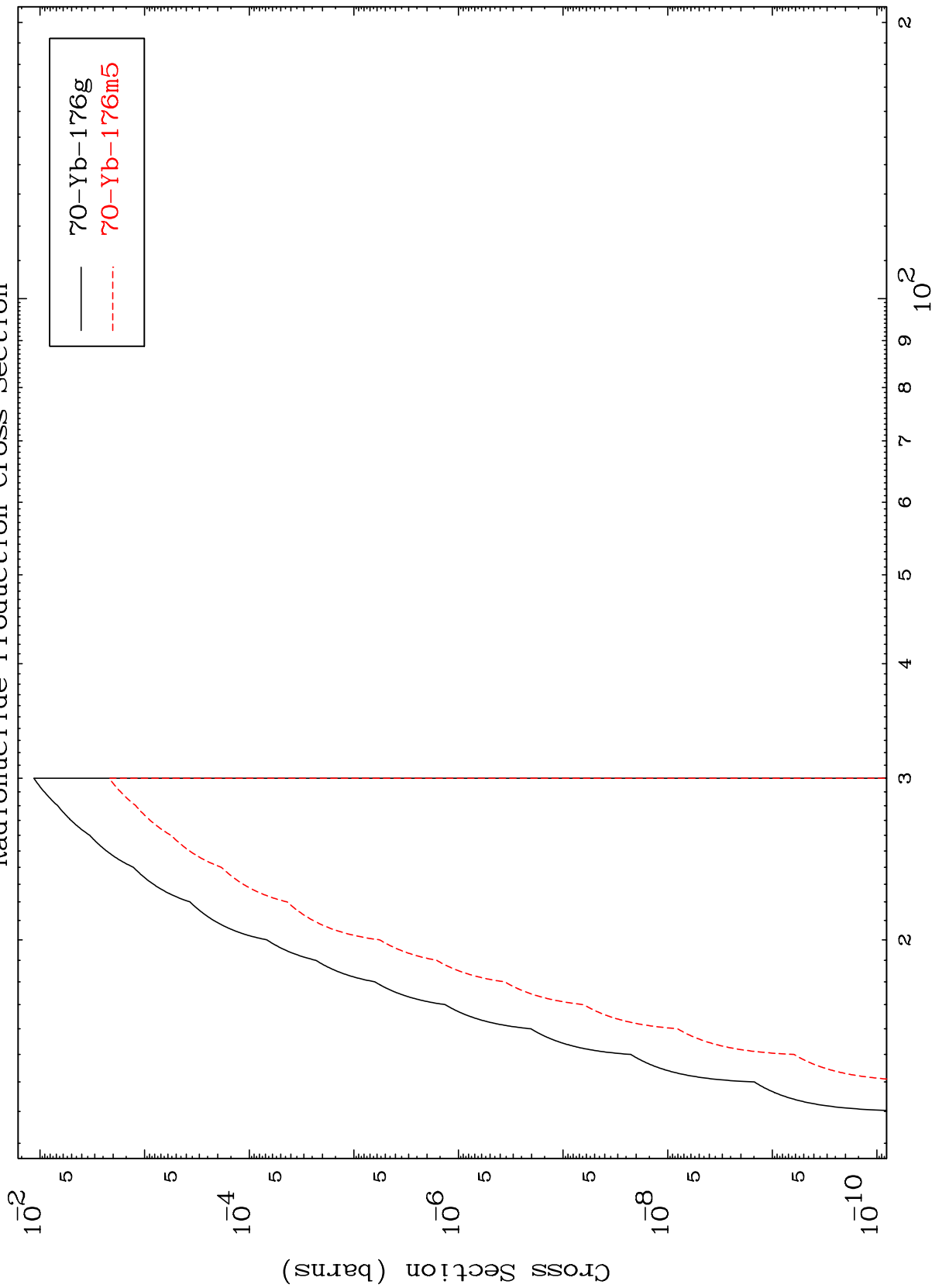


MAT 7052

(t,2n) d

70-Yb-177

Radionuclide Production Cross Section



12

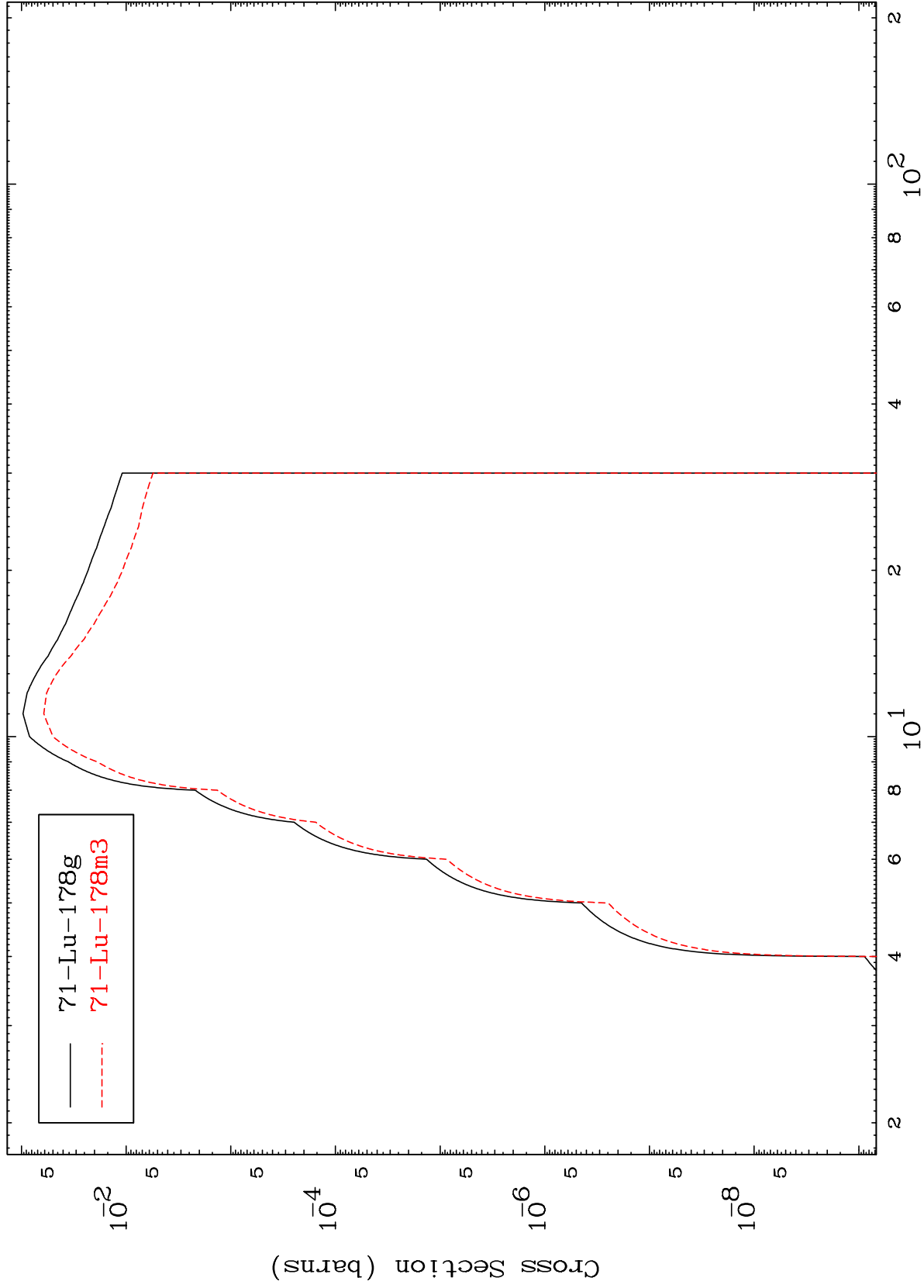
Incident Energy (MeV)

70-Yb-177

MAT 7052

70-Yb-177

Radionuclide Production Cross Section
(t,2n)



13

Incident Energy (MeV)

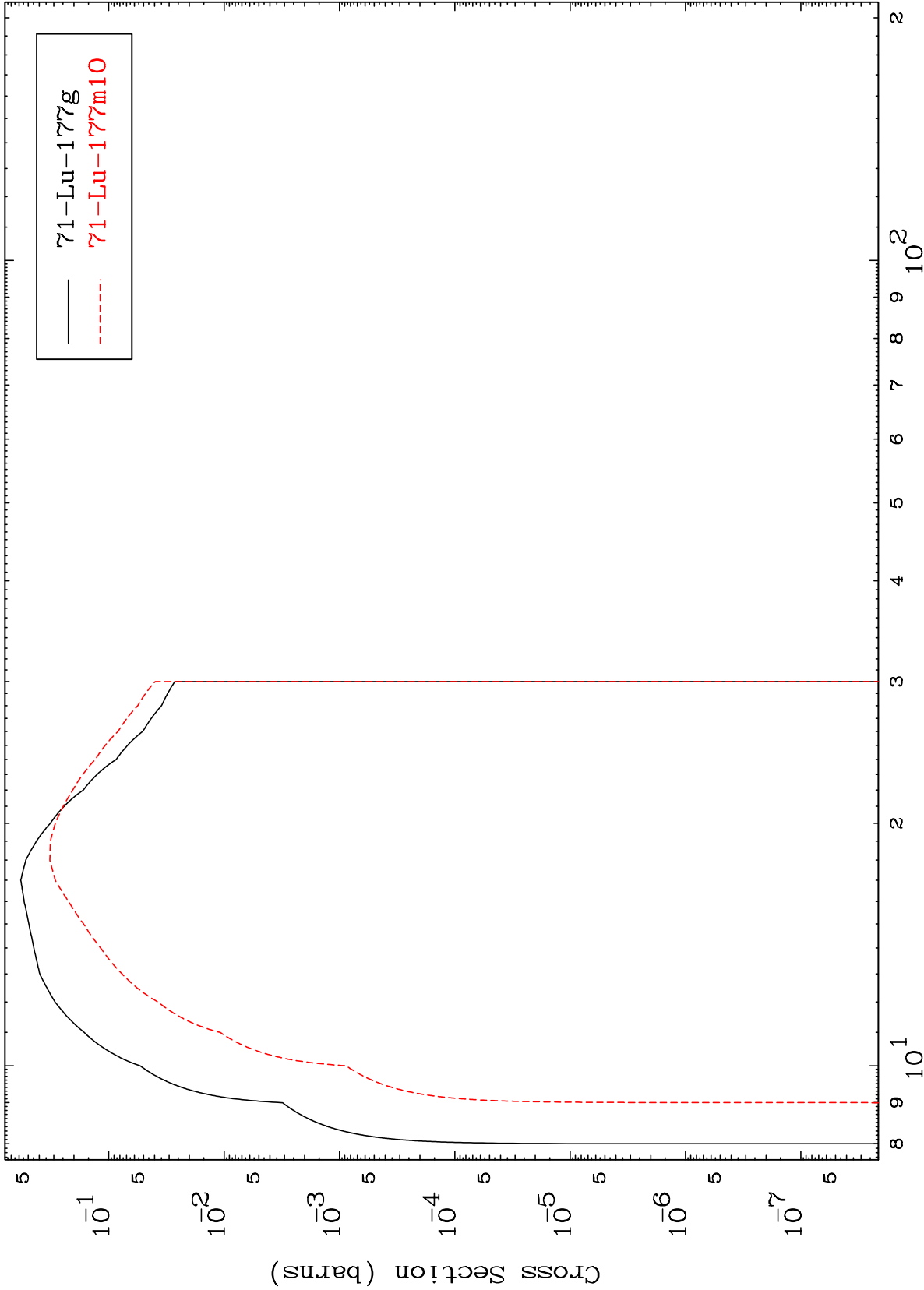
70-Yb-177

MAT 7052

(t,3n)

70-Yb-177

Radionuclide Production Cross Section



14

Incident Energy (MeV)

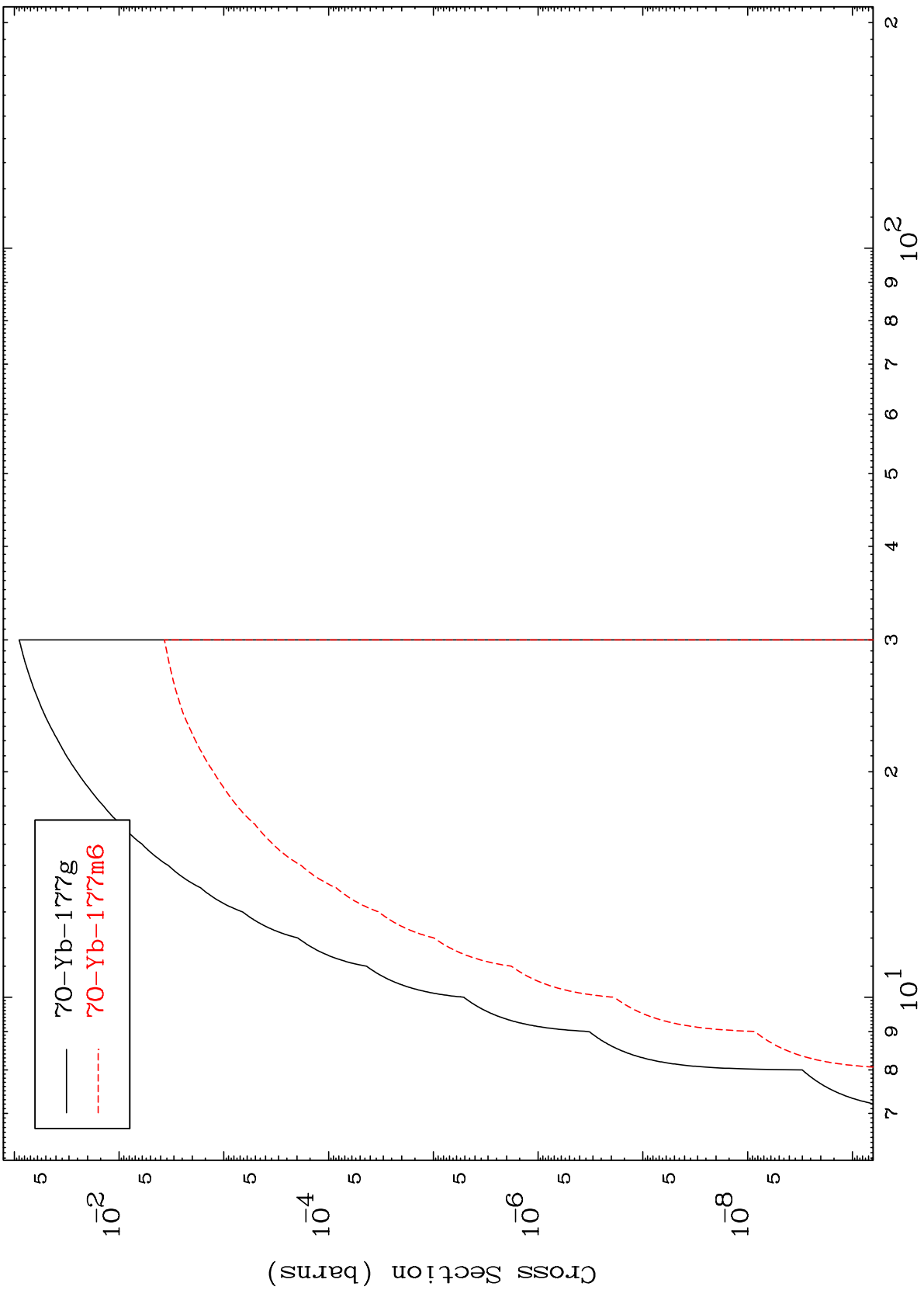
70-Yb-177

MAT 7052

(t,n') d

⁷⁰Yb-177

Radionuclide Production Cross Section



70-Yb-177g
70-Yb-177m6

15

Incident Energy (MeV)

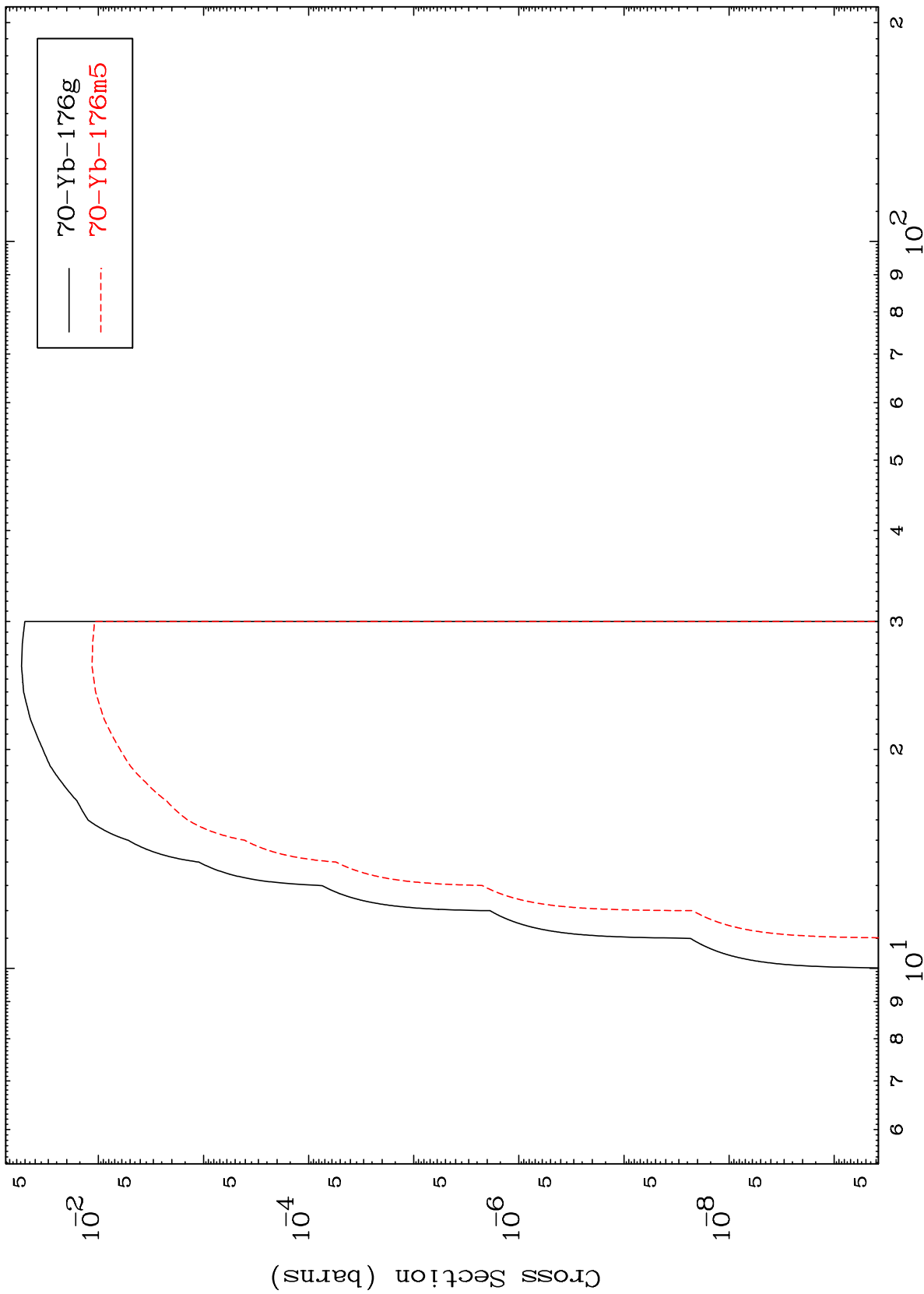
⁷⁰Yb-177

MAT 7052

(t,n') t

70-Yb-177

Radionuclide Production Cross Section



16

Incident Energy (MeV)

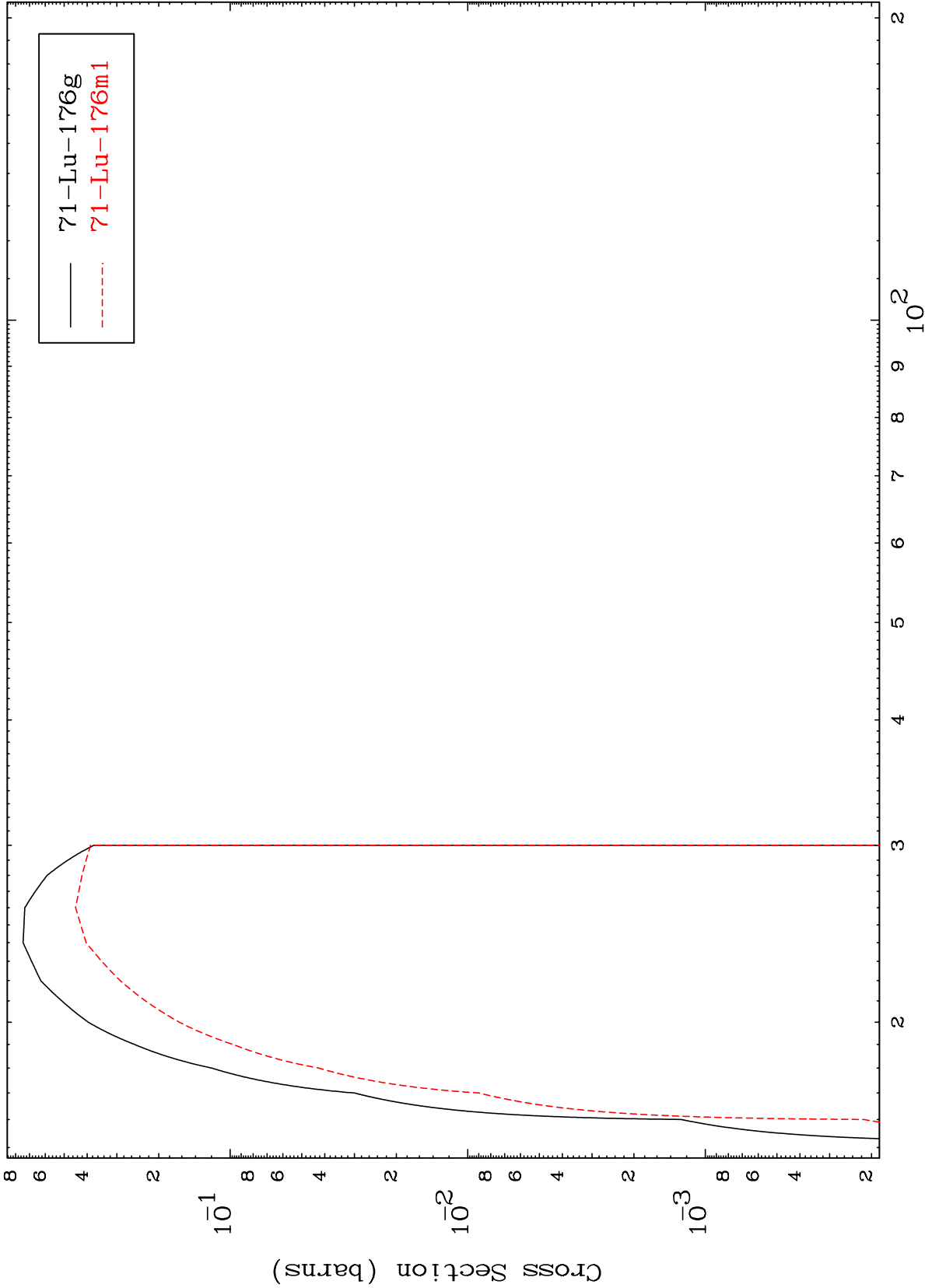
70-Yb-177

MAT 7052

(t,4n)

70-Yb-177

Radionuclide Production Cross Section



17

Incident Energy (MeV)

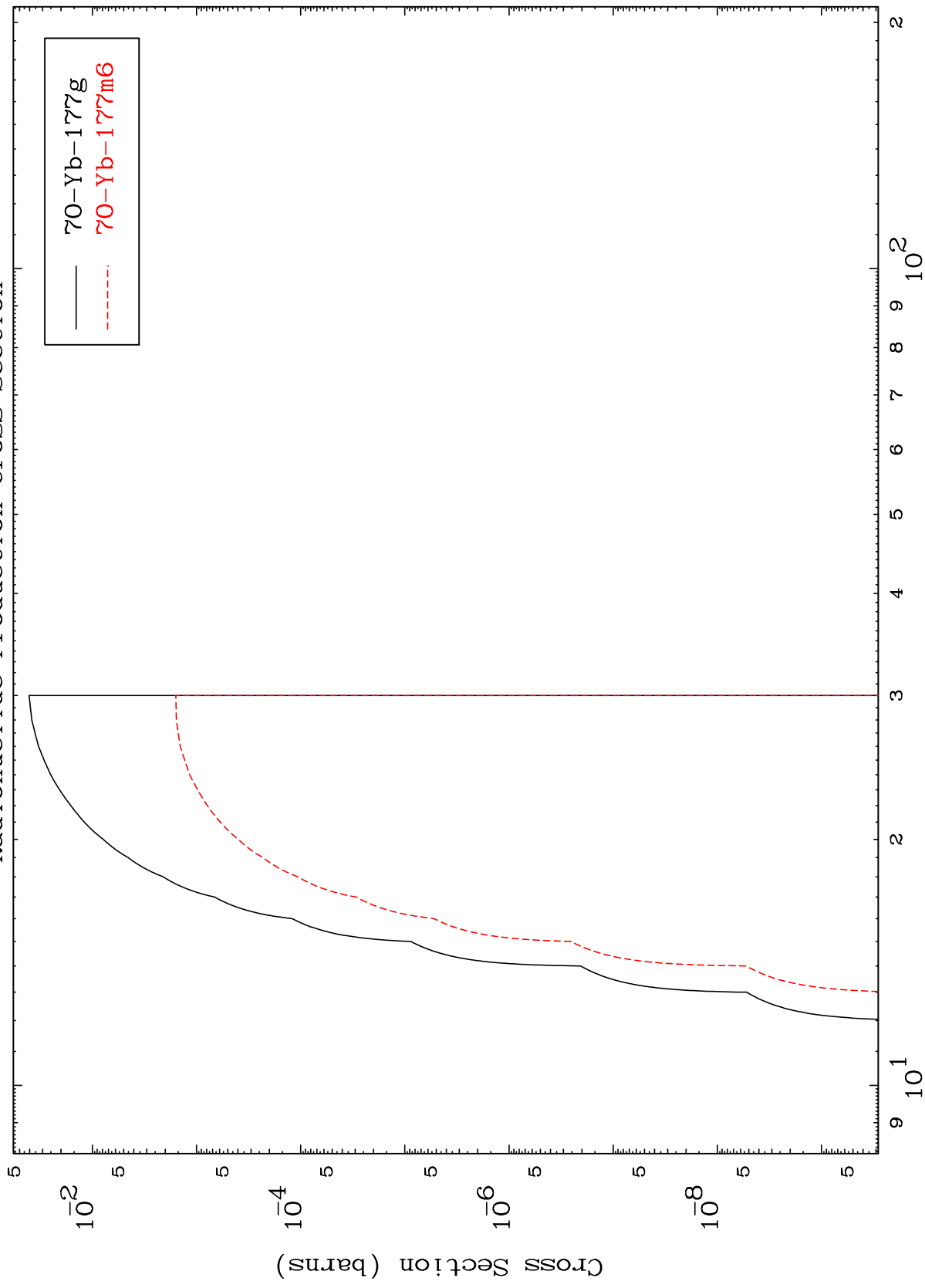
70-Yb-177

MAT 7052

(t,2n) p

⁷⁰Yb-177

Radionuclide Production Cross Section



18

Incident Energy (MeV)

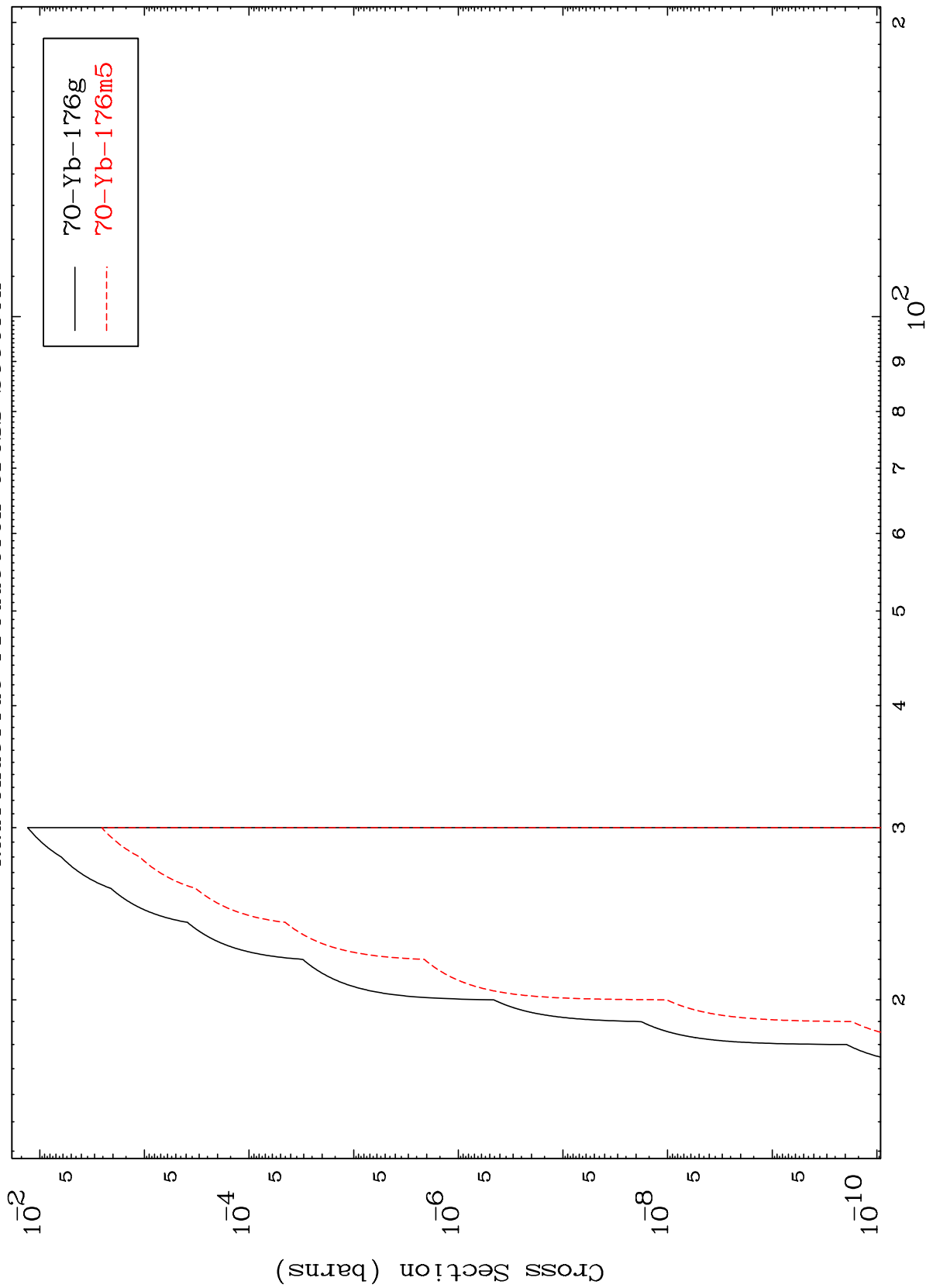
⁷⁰Yb-177

MAT 7052

(t,3n) p

70-Yb-177

Radionuclide Production Cross Section



19

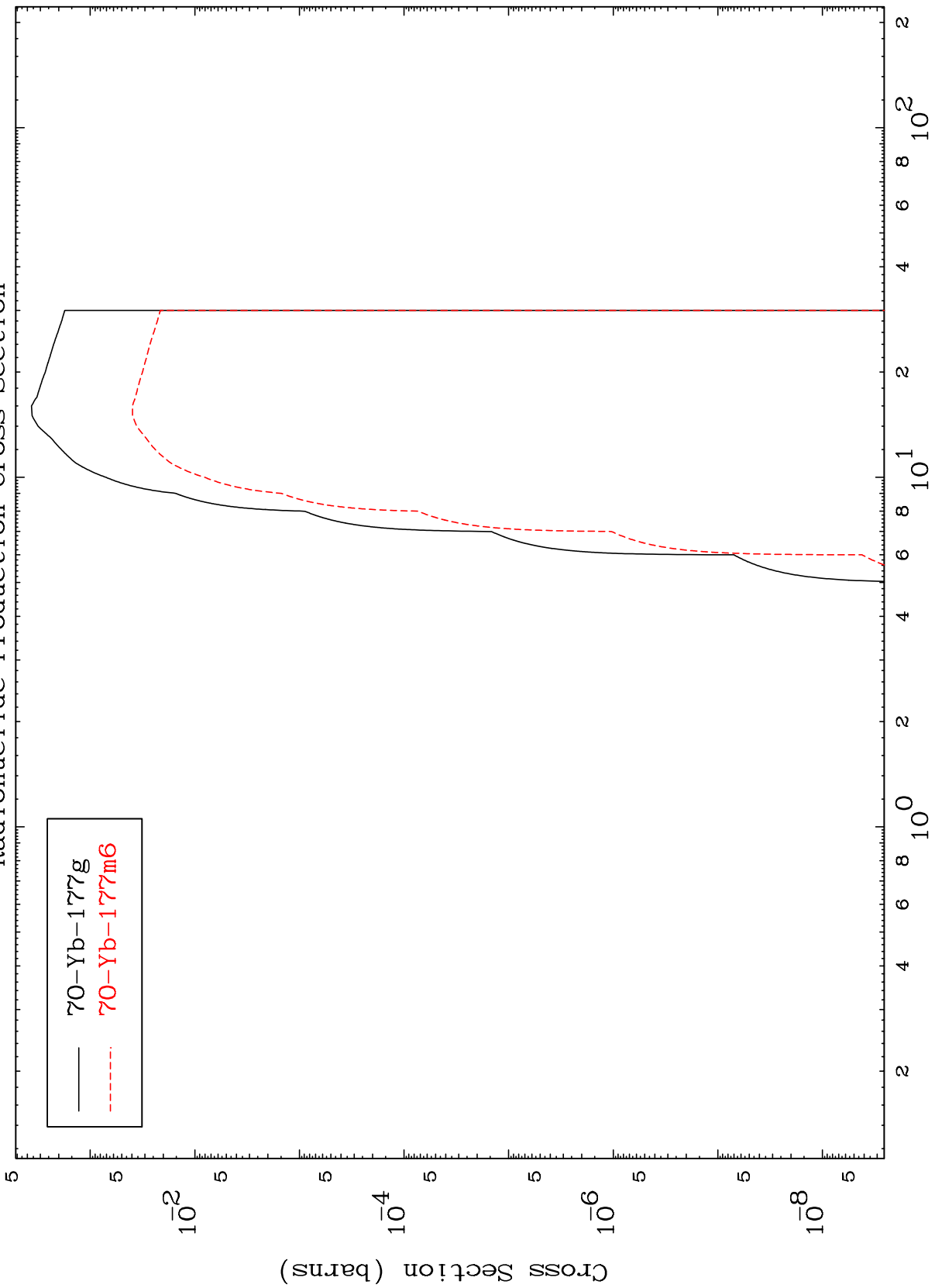
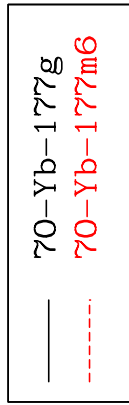
Incident Energy (MeV)

70-Yb-177

MAT 7052

$^{70}\text{Yb-177}$

Radionuclide Production Cross Section



$^{70}\text{Yb-177}$

Incident Energy (MeV)

20