

Program EVALPLOT
(Version 2021-1)

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

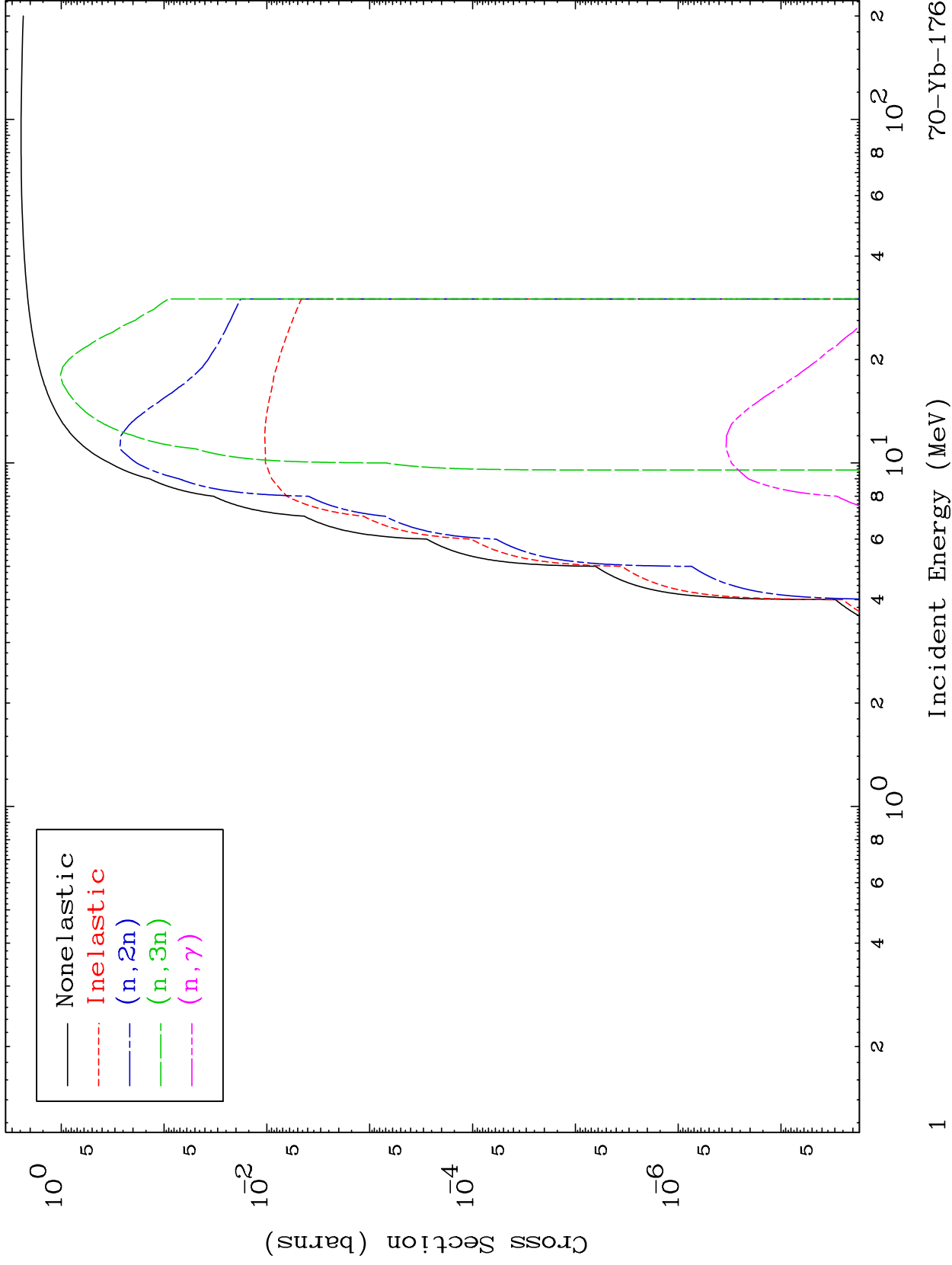
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7049

Triton Major
0 Kelvin Cross Sections

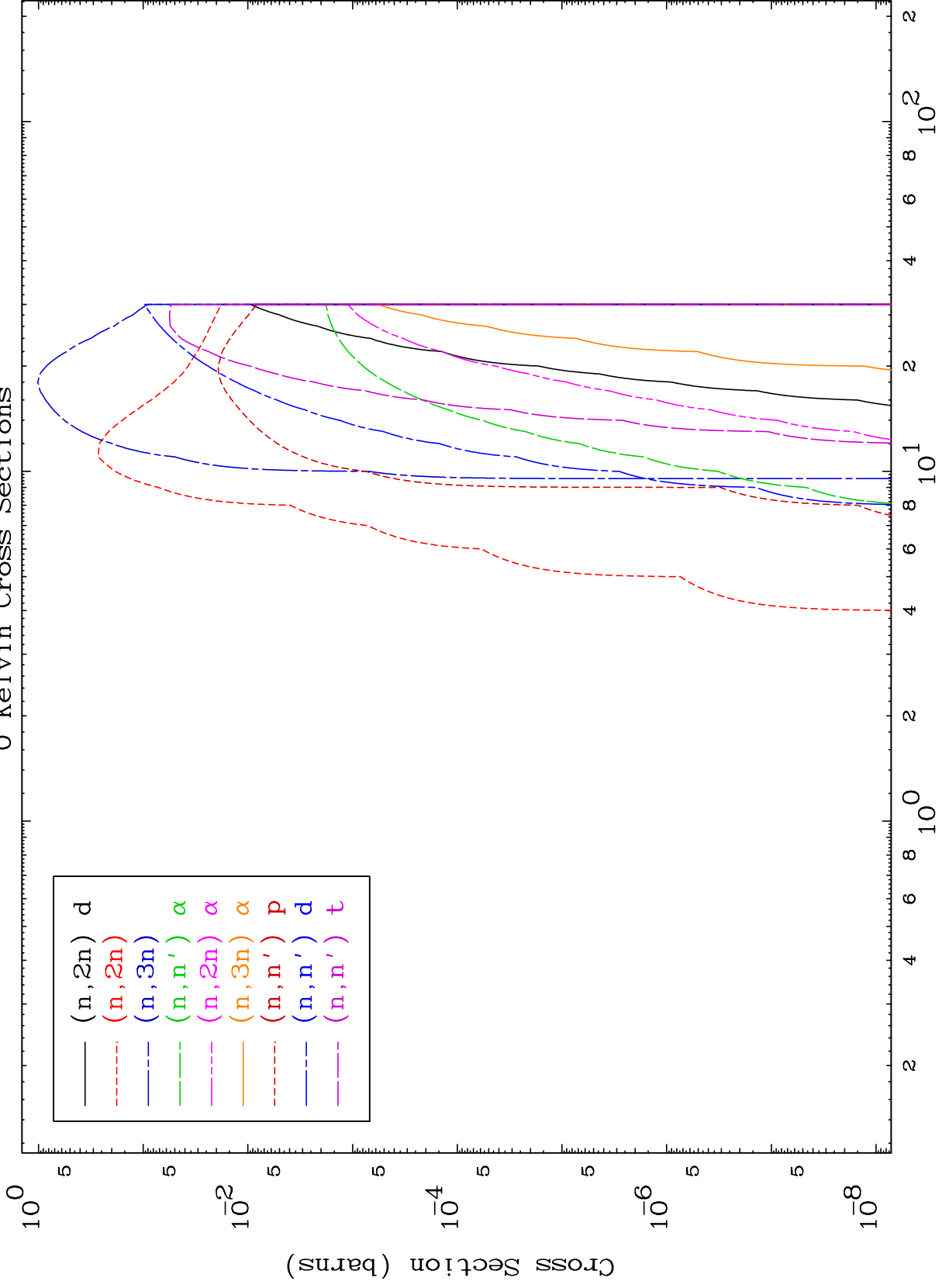
70-Yb-176

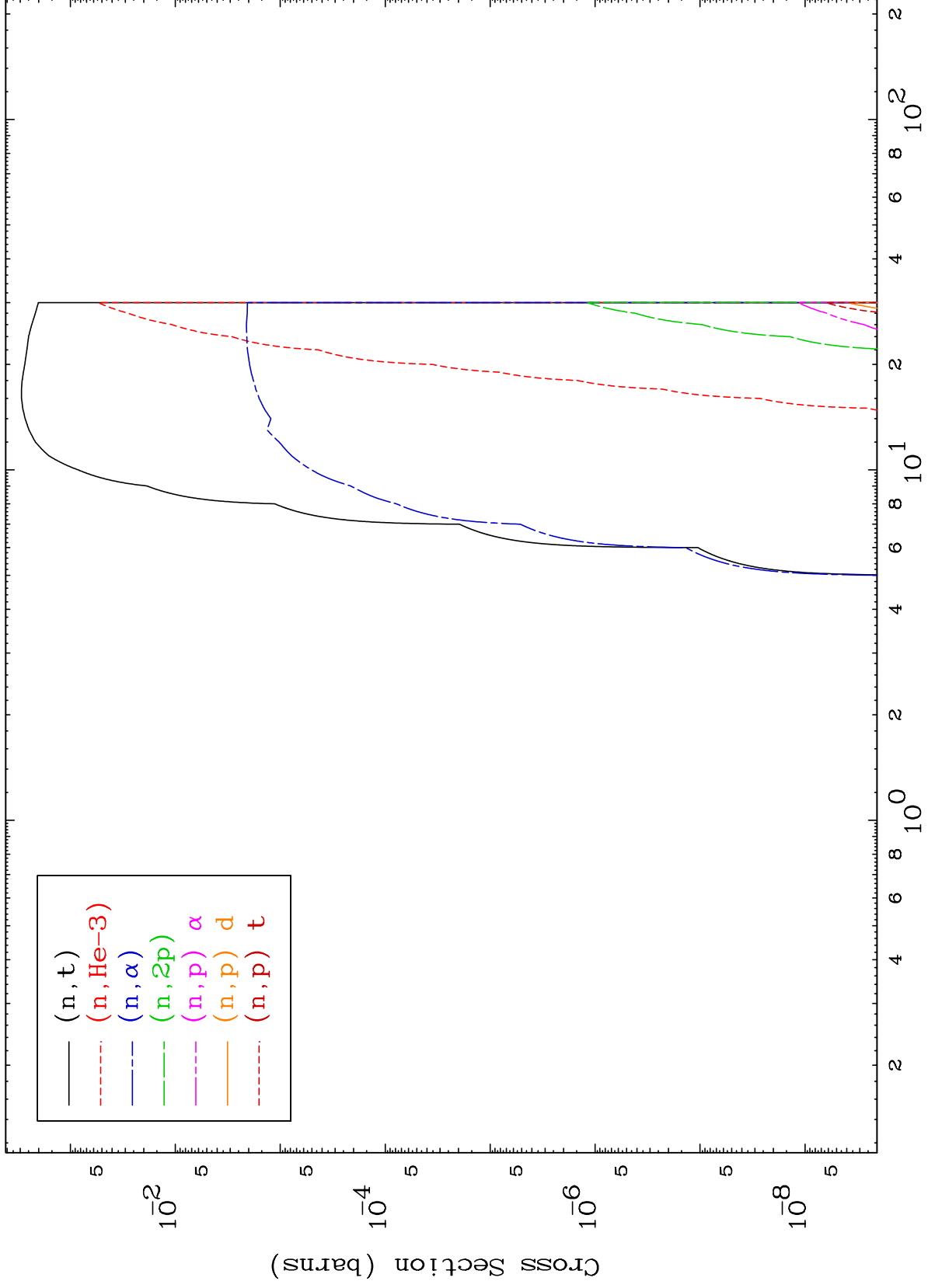


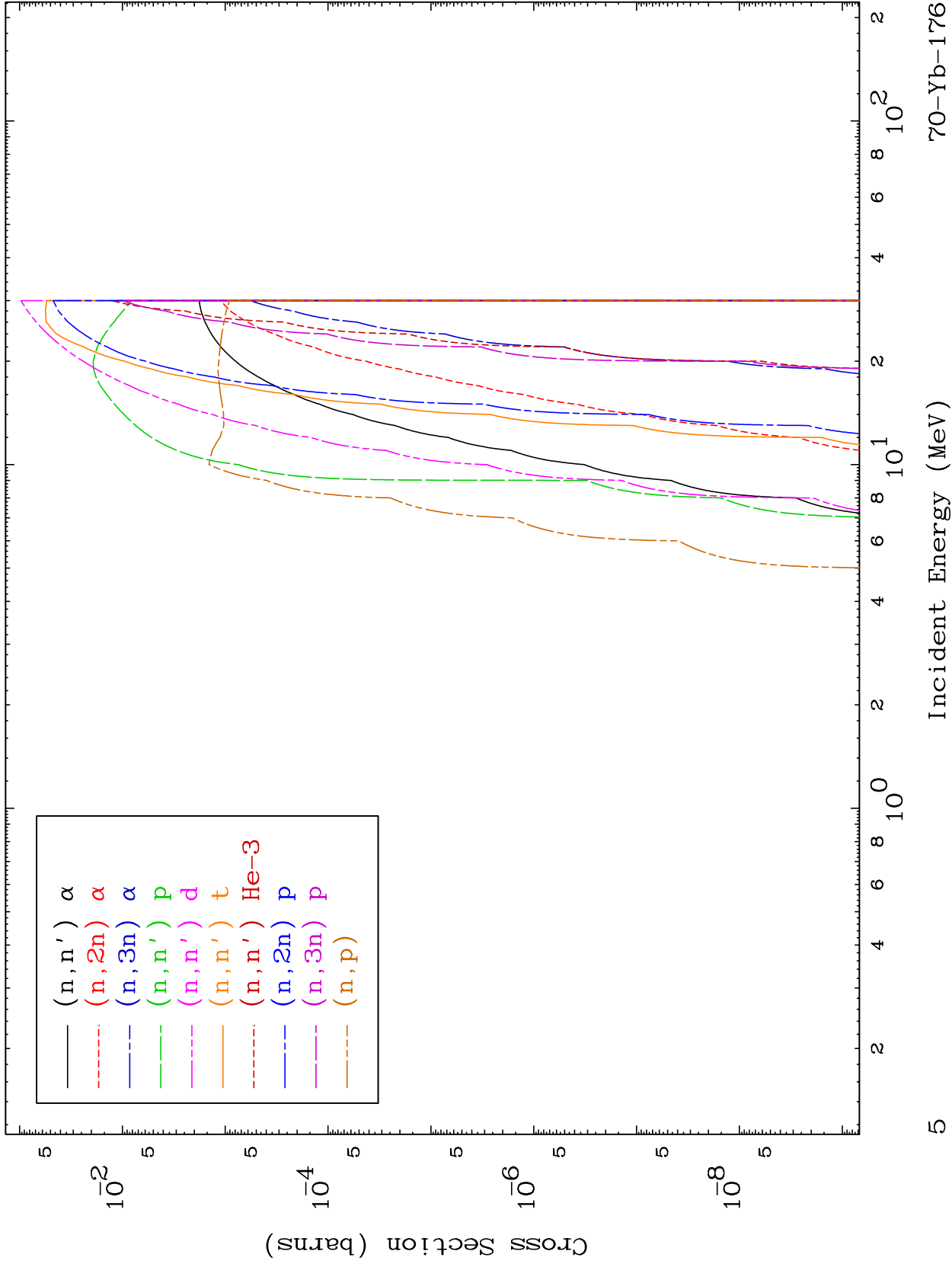
MAT 7049

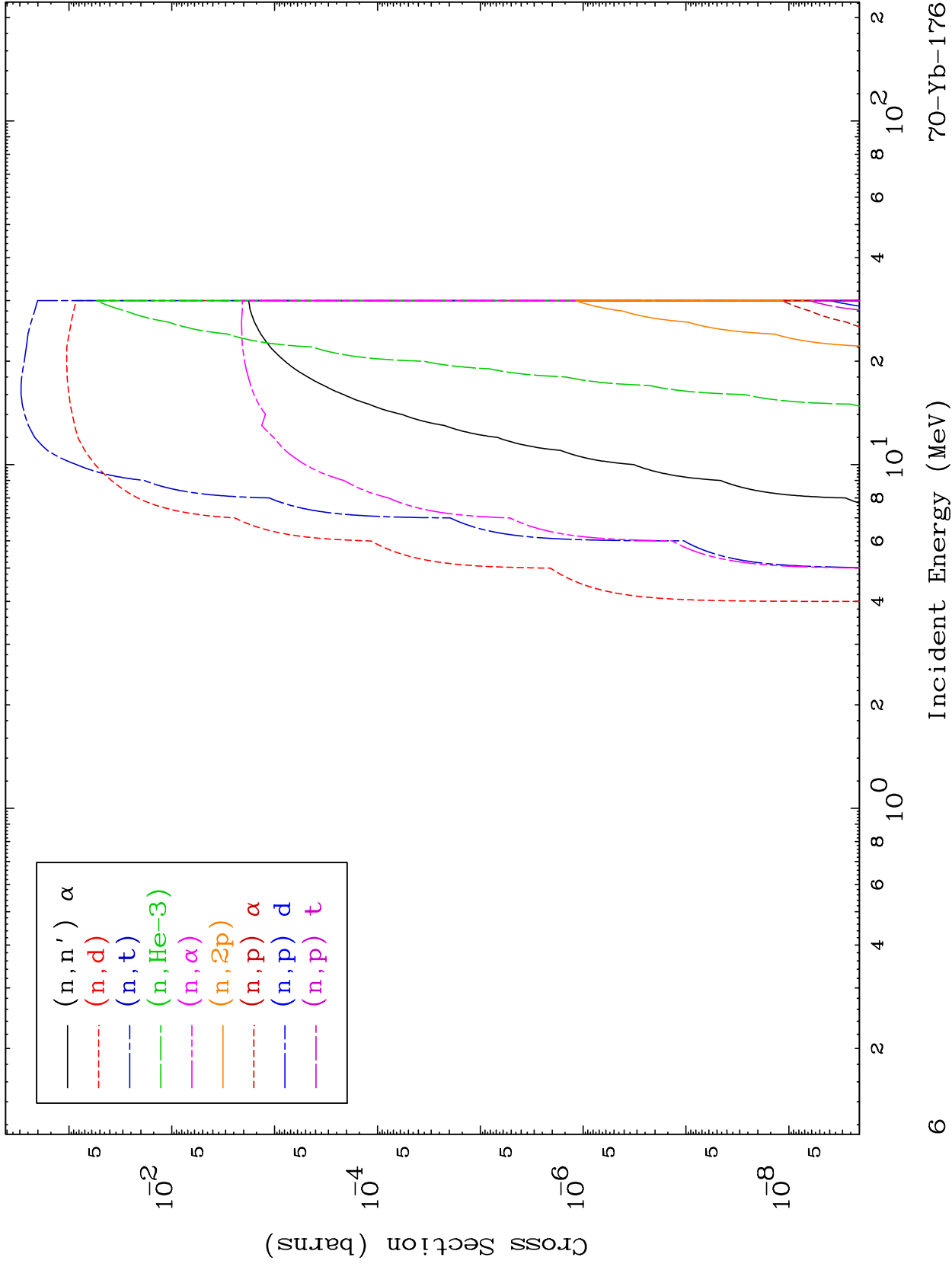
Triton Neutron Absorption
0 Kelvin Cross Sections

70-Yb-176







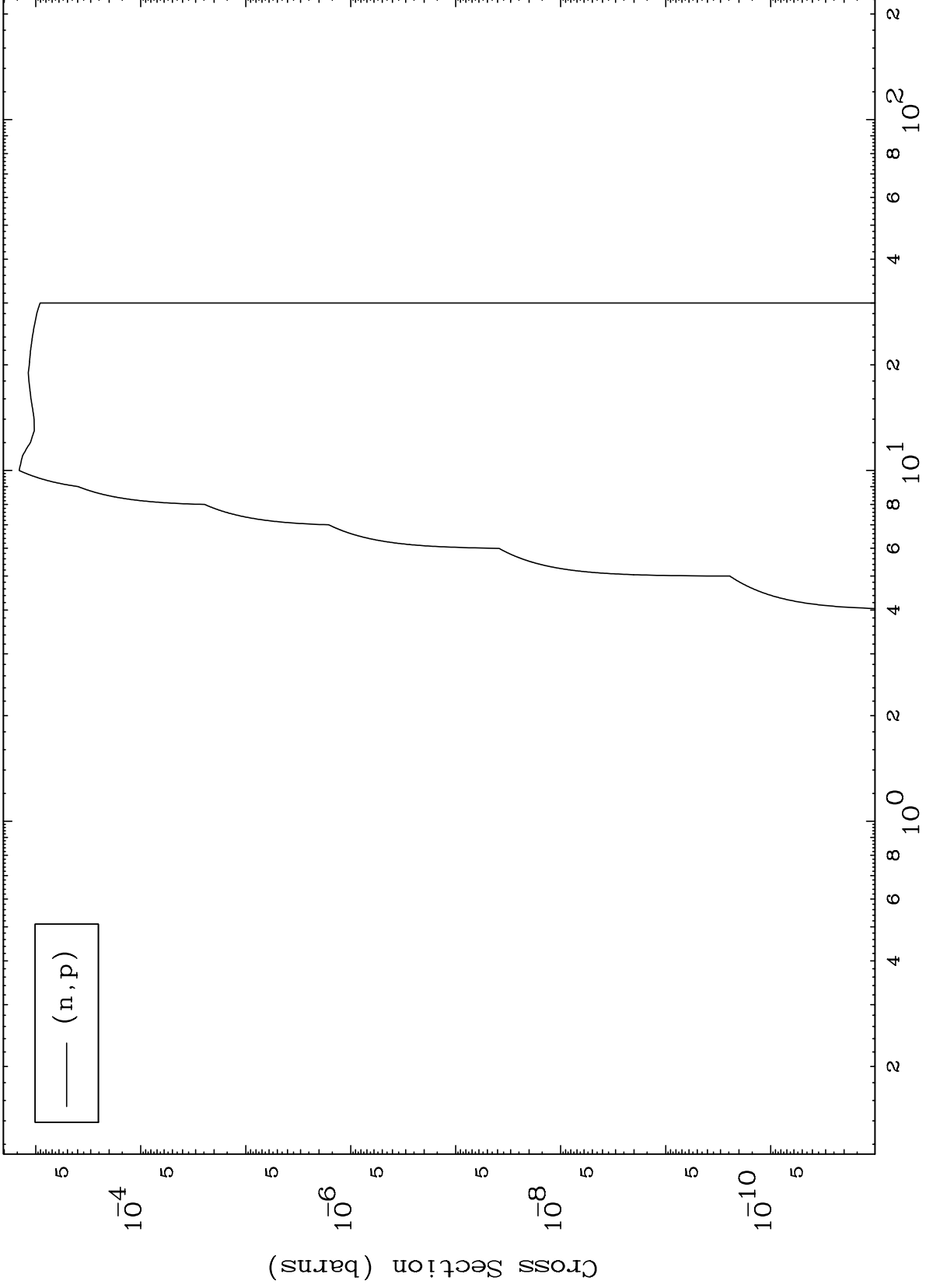


MAT 7049

(t,p) Levels

70-Yb-176

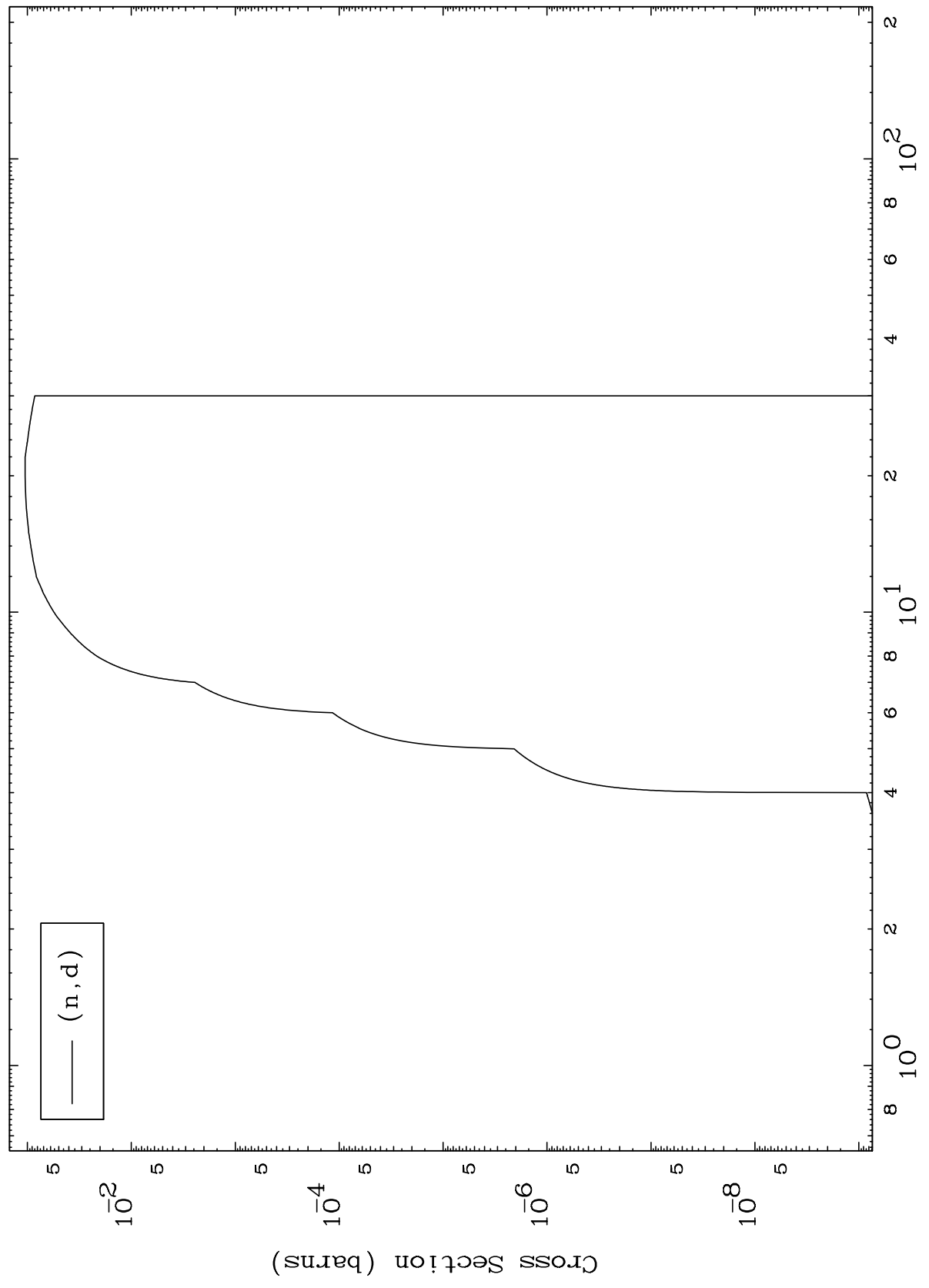
0 Kelvin Cross Sections



MAT 7049

70-Yb-176

(t,d) Levels
0 Kelvin Cross Sections



70-Yb-176

Incident Energy (MeV)

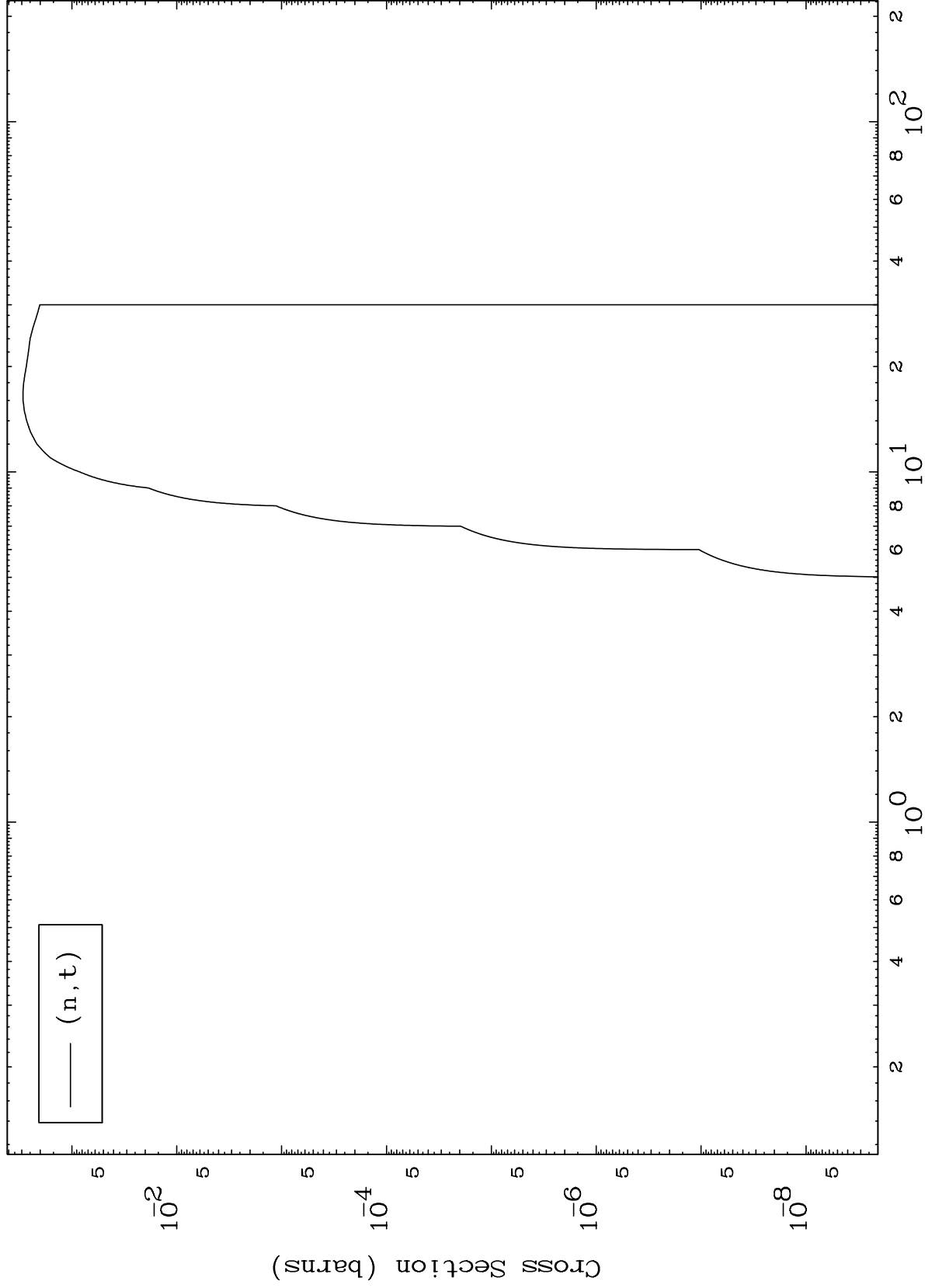
8

MAT 7049

(t, t) Levels

70-Yb-176

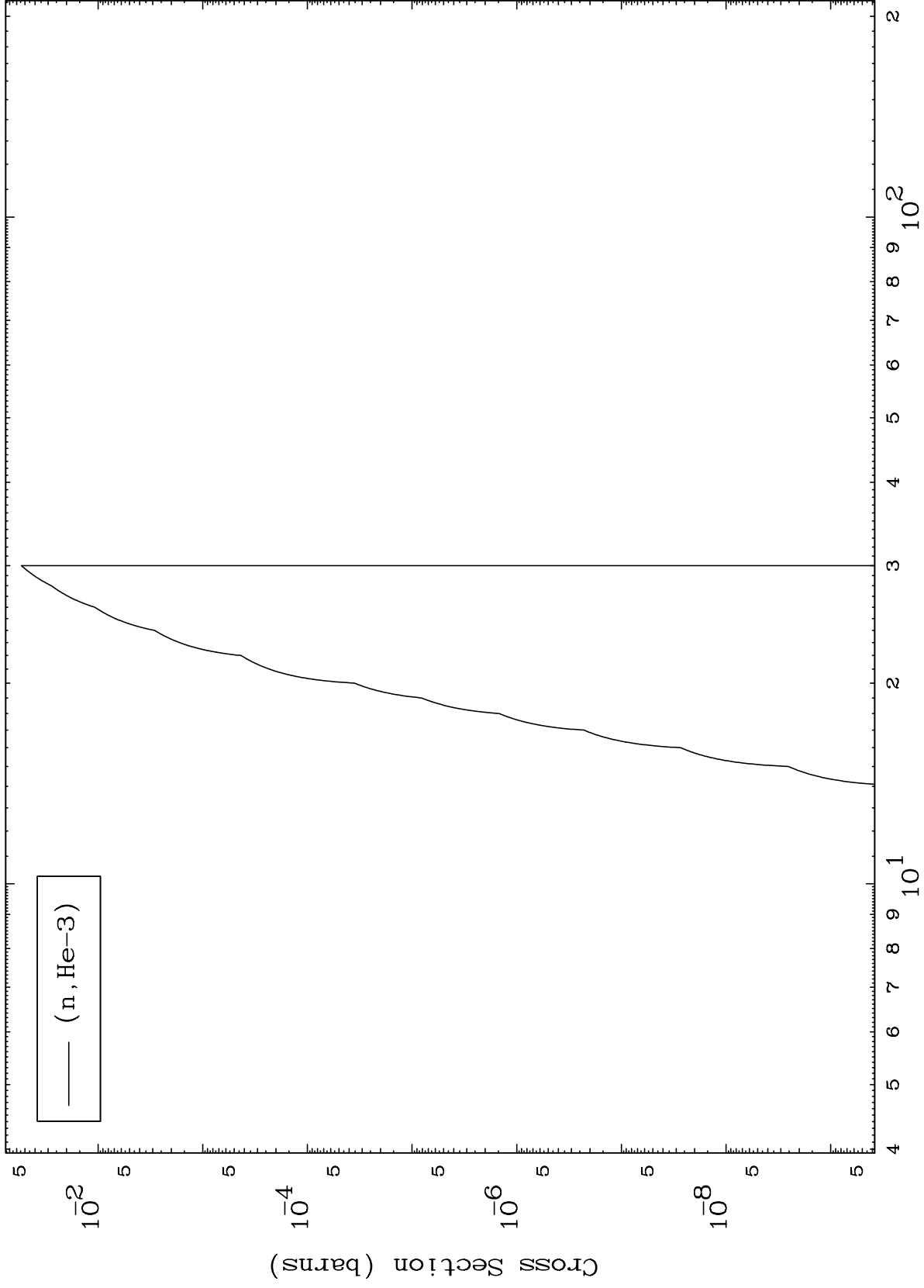
0 Kelvin Cross Sections



MAT 7049

(t,He3) Levels
0 Kelvin Cross Sections

70-Yb-176



10

Incident Energy (MeV)

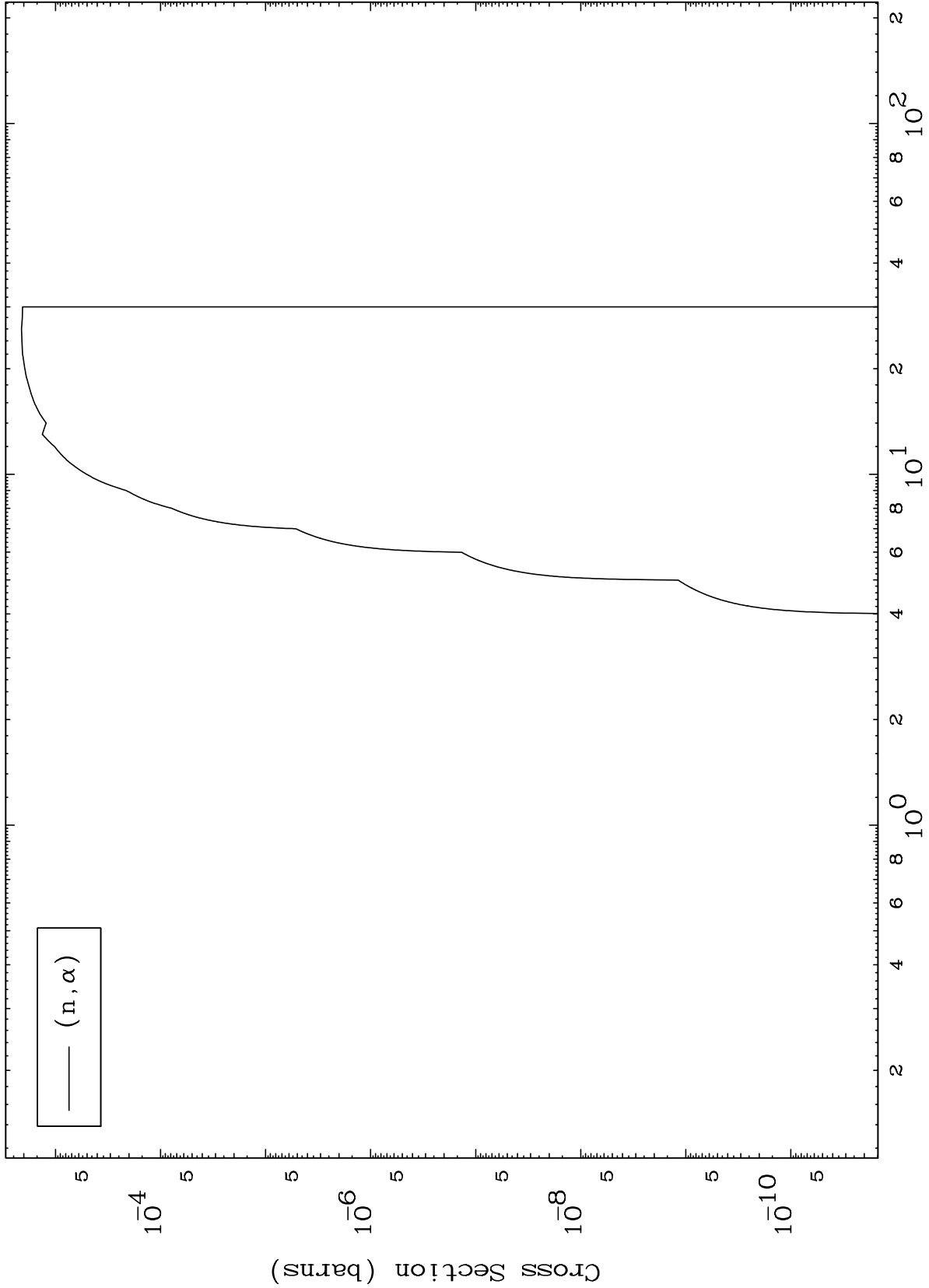
70-Yb-176

MAT 7049

(t, α) Levels

70-Yb-176

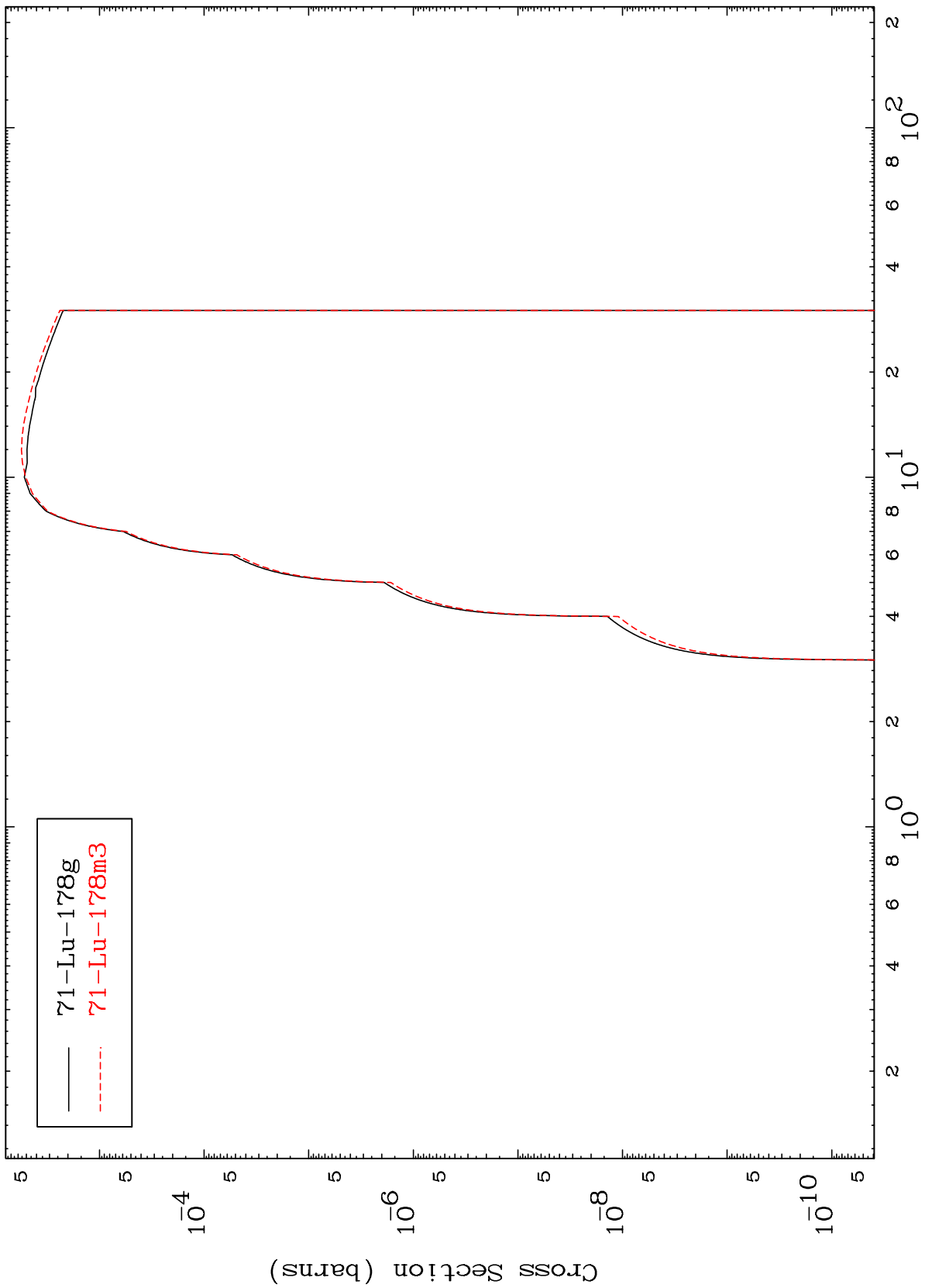
0 Kelvin Cross Sections



MAT 7049

70-Yb-176

Inelastic
Radionuclide Production Cross Section



12

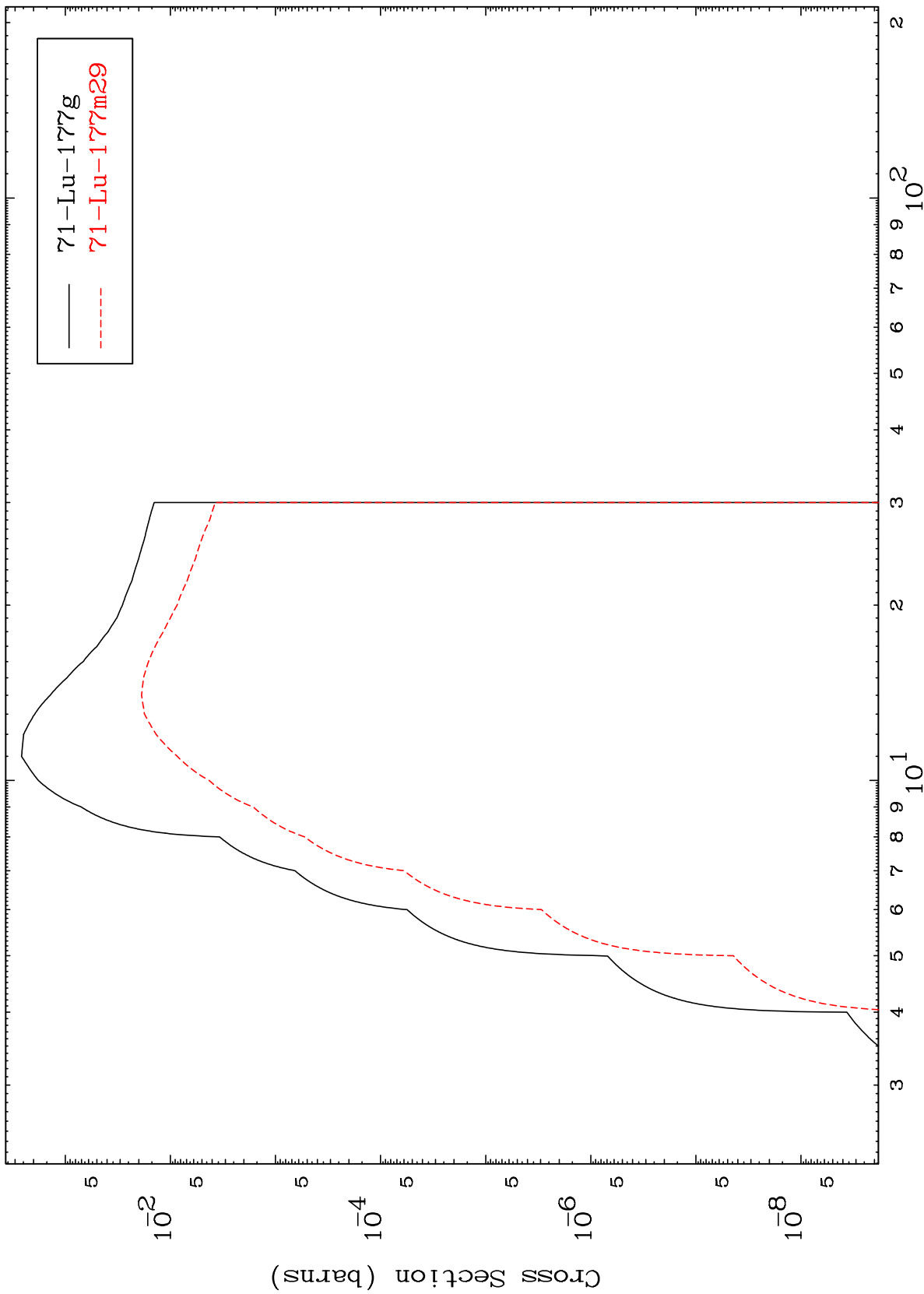
70-Yb-176

Incident Energy (MeV)

MAT 7049

70-Yb-176

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

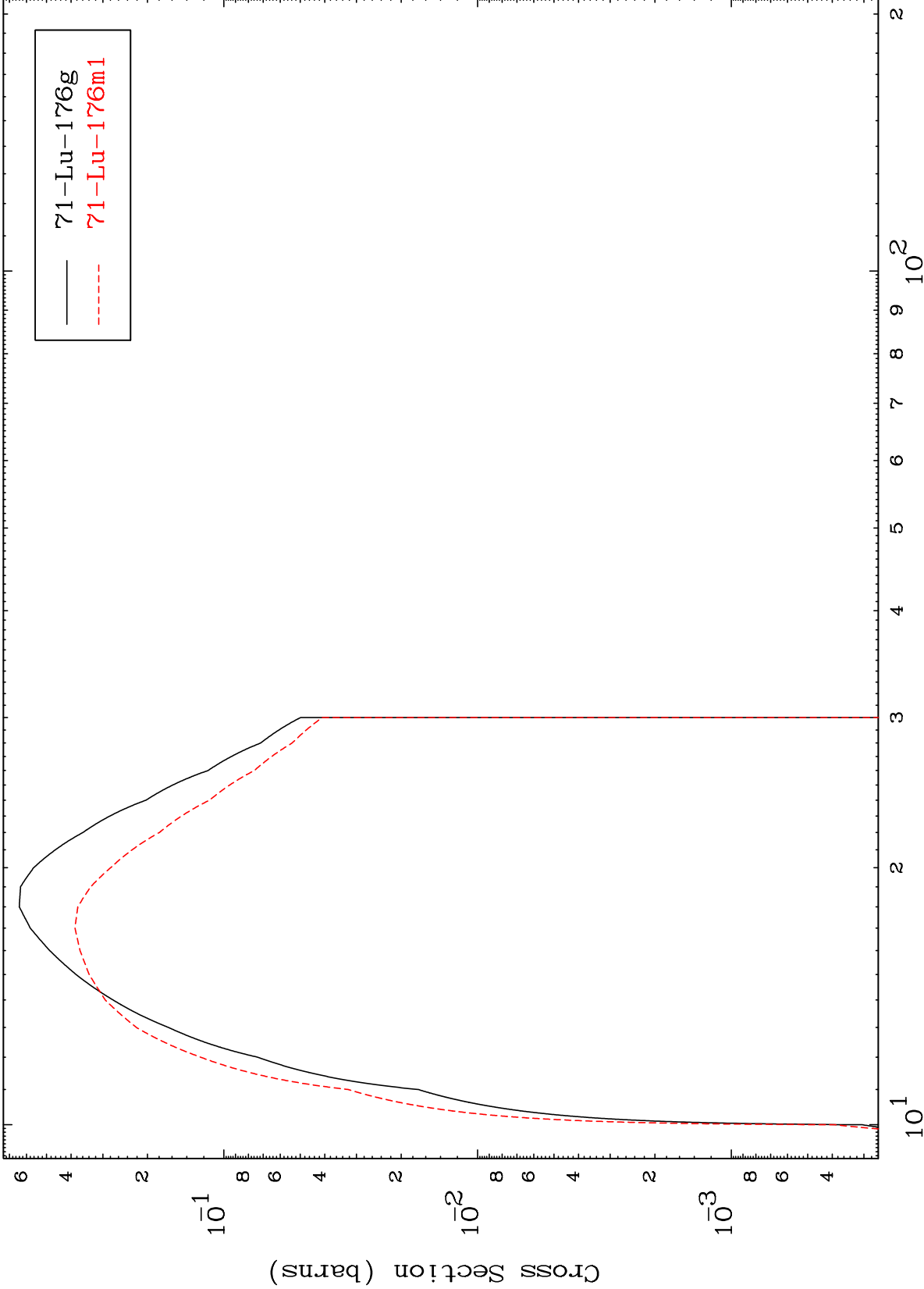
70-Yb-176

MAT 7049

(n,3n)

70-Yb-176

Radionuclide Production Cross Section



71-Lu-176g
71-Lu-176m1

Incident Energy (MeV)

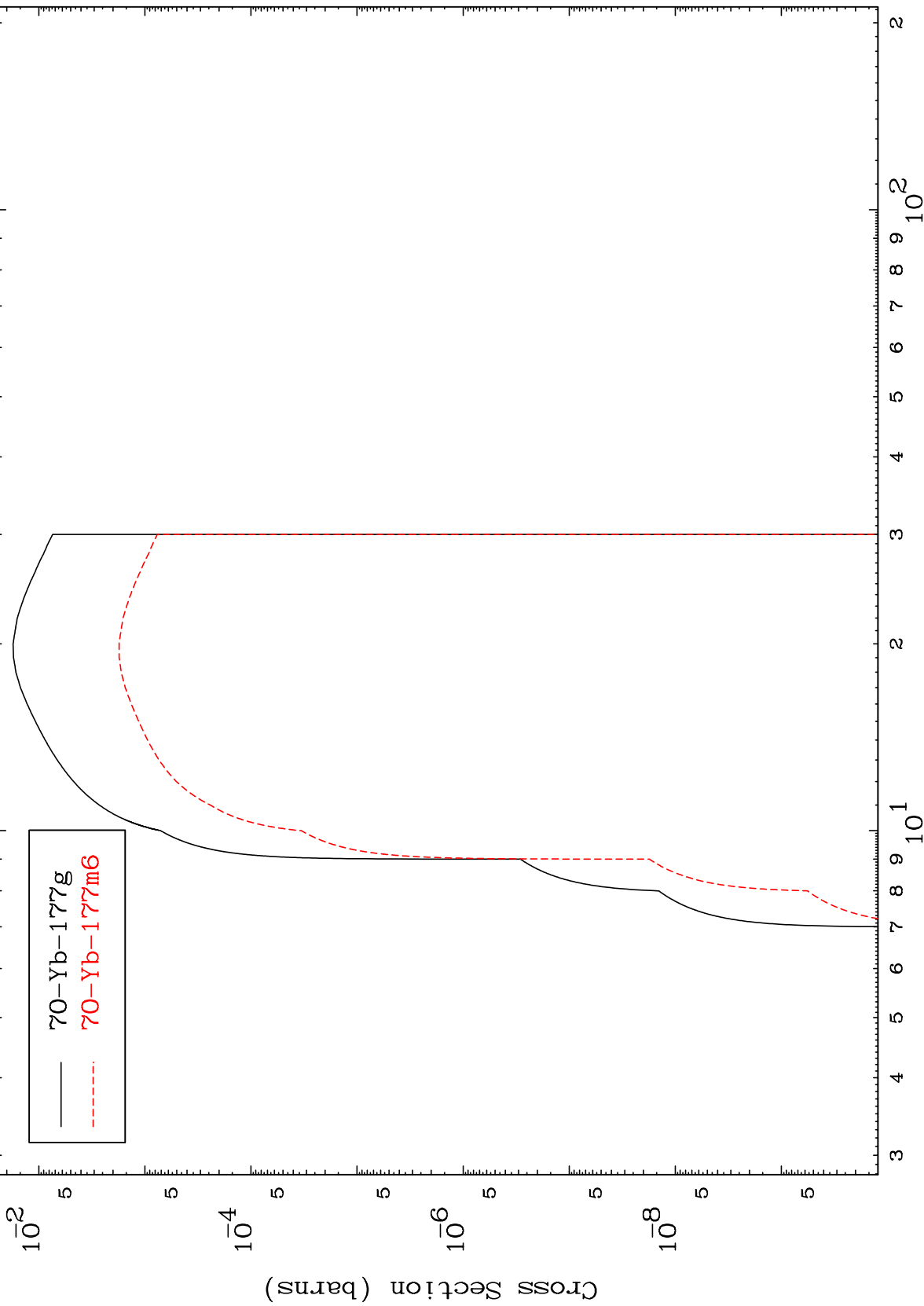
70-Yb-176

MAT 7049

(n,n') p

⁷⁰Yb-176

Radionuclide Production Cross Section



15

Incident Energy (MeV)

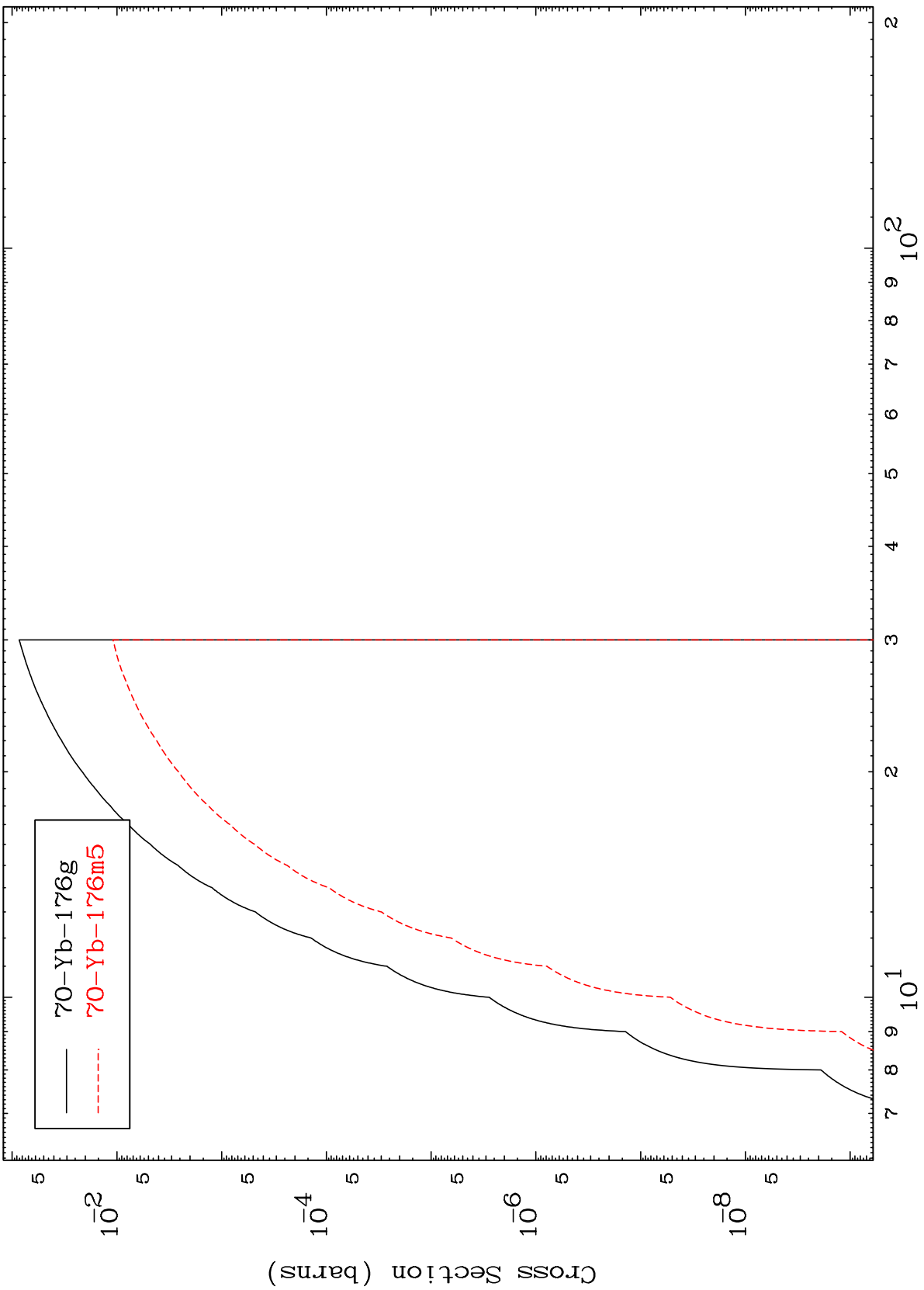
⁷⁰Yb-176

MAT 7049

(n,n') d

⁷⁰Yb-176

Radionuclide Production Cross Section



16

Incident Energy (MeV)

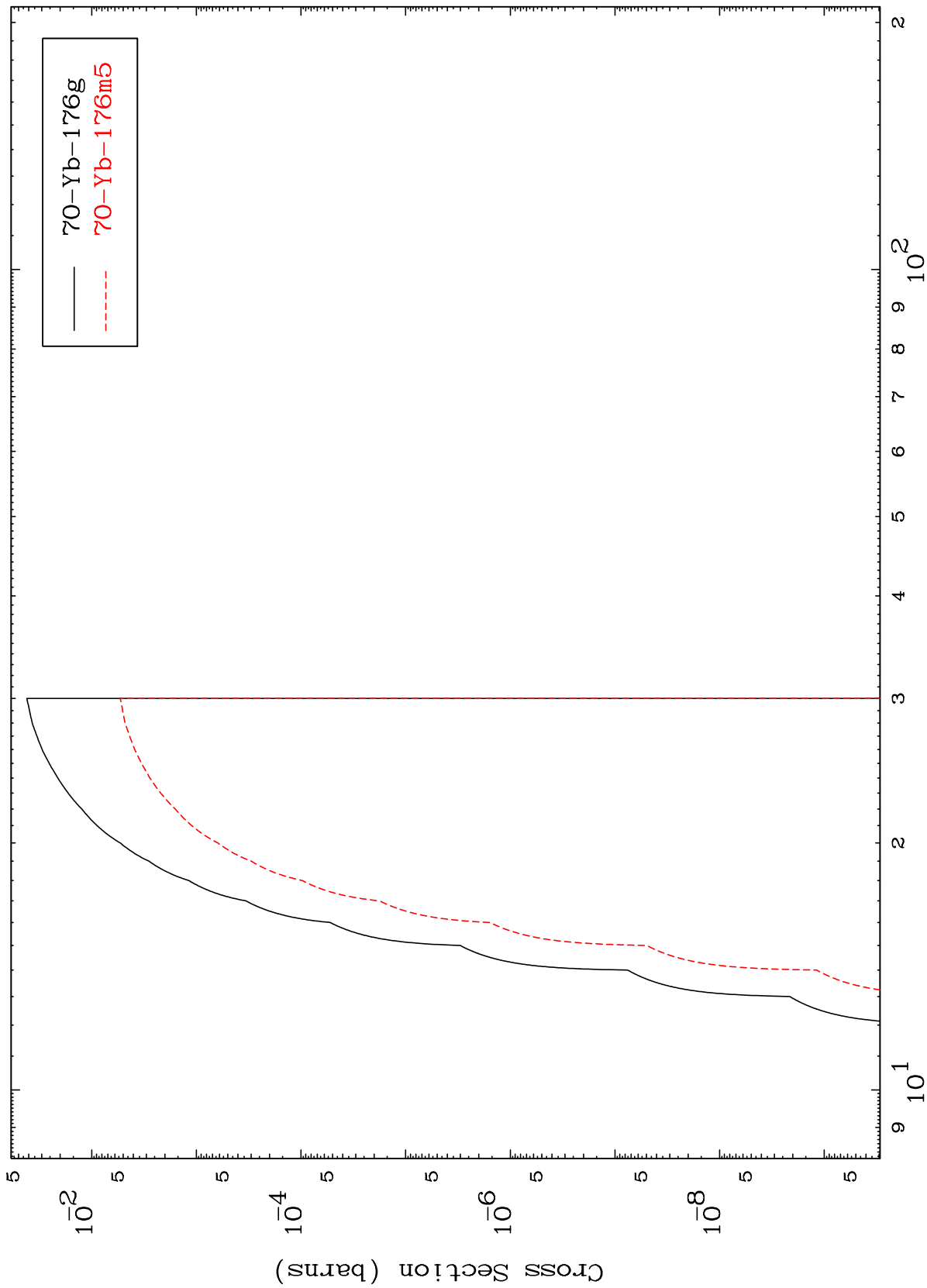
⁷⁰Yb-176

MAT 7049

⁷⁰Yb-176

(n,2n) p

Radionuclide Production Cross Section



⁷⁰Yb-176

Incident Energy (MeV)

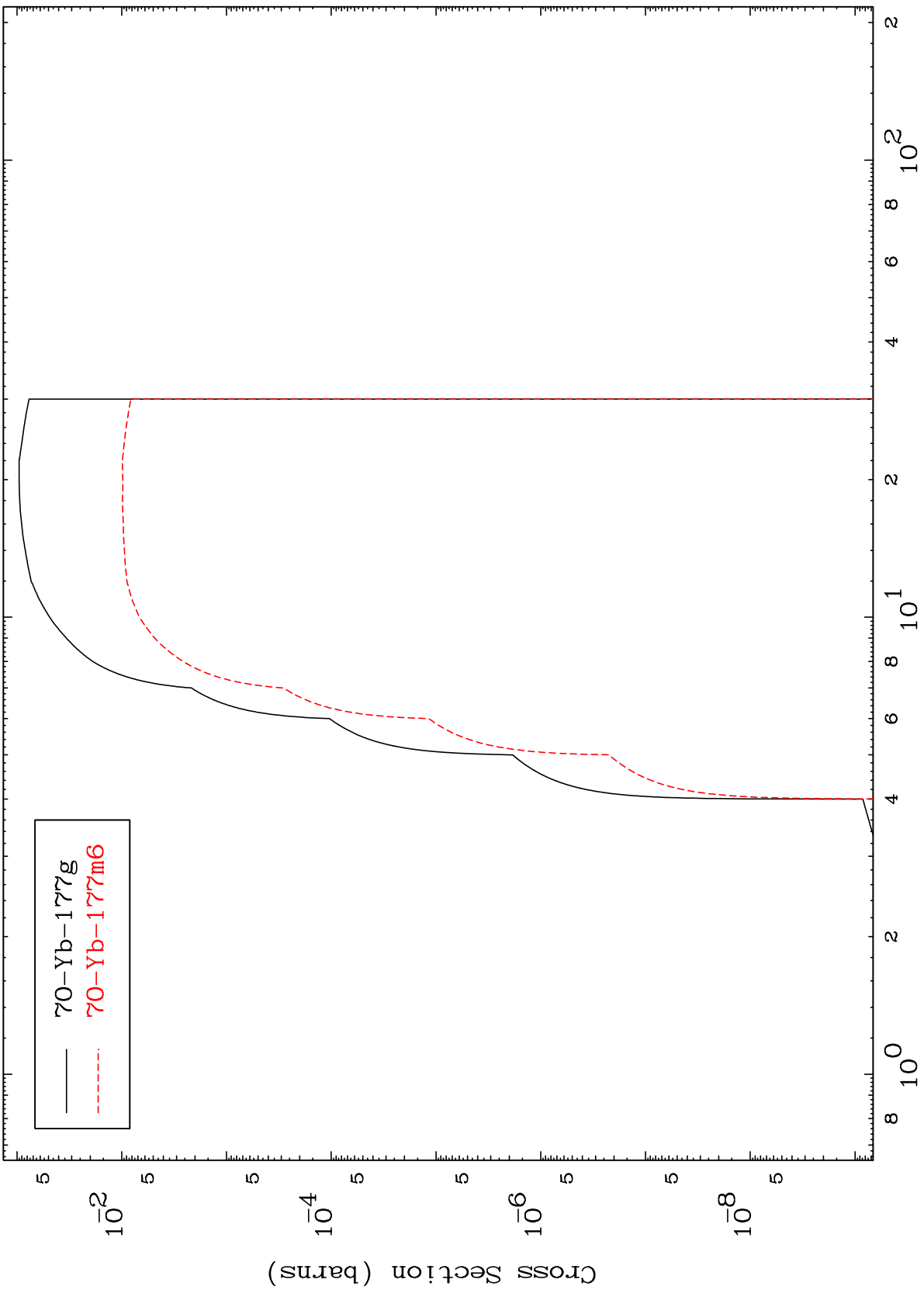
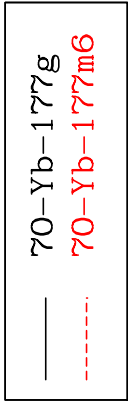
17

MAT 7049

(n,d)

⁷⁰Yb-176

Radionuclide Production Cross Section



18

Incident Energy (MeV)

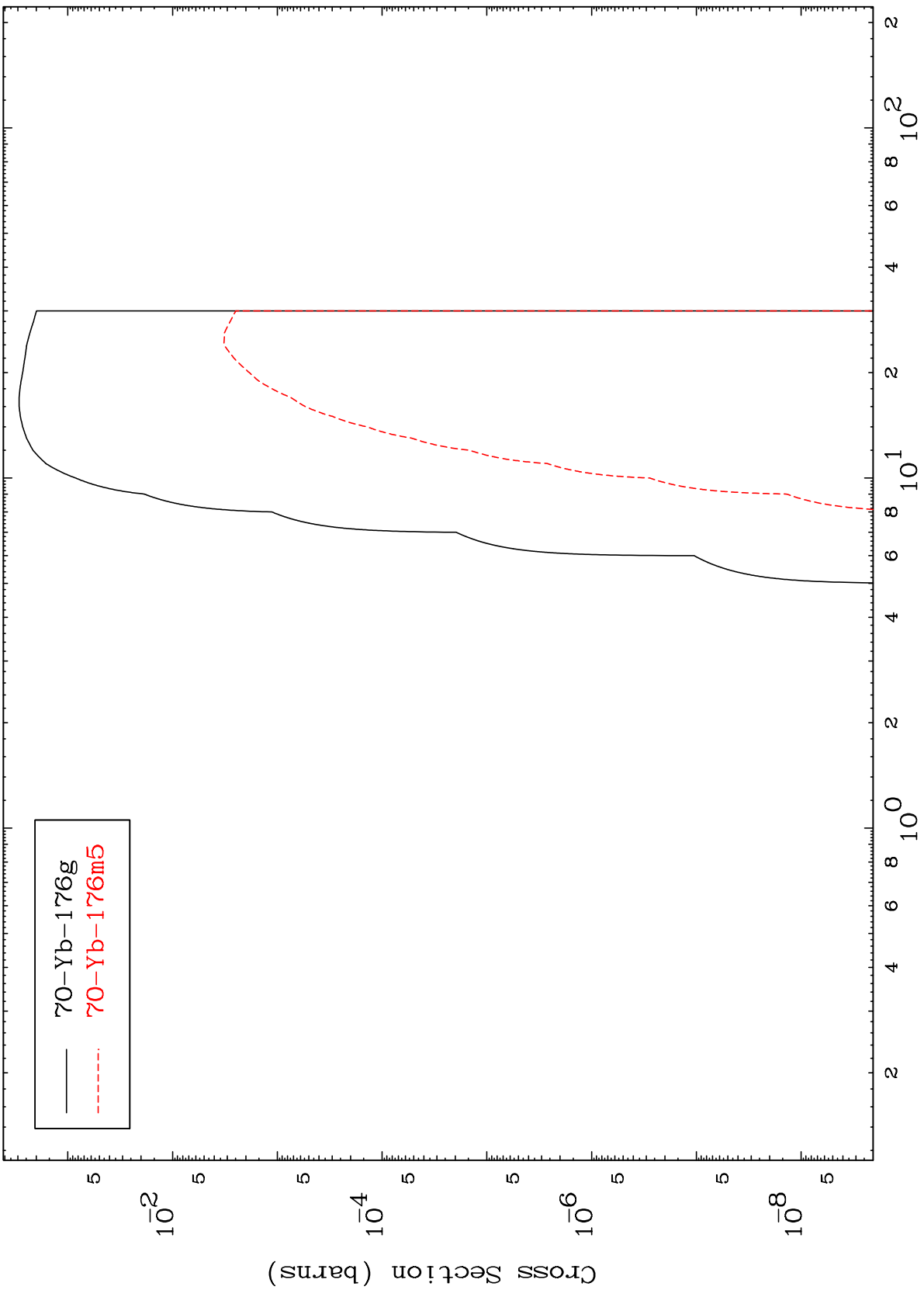
⁷⁰Yb-176

MAT 7049

(n, t)

⁷⁰Yb-176

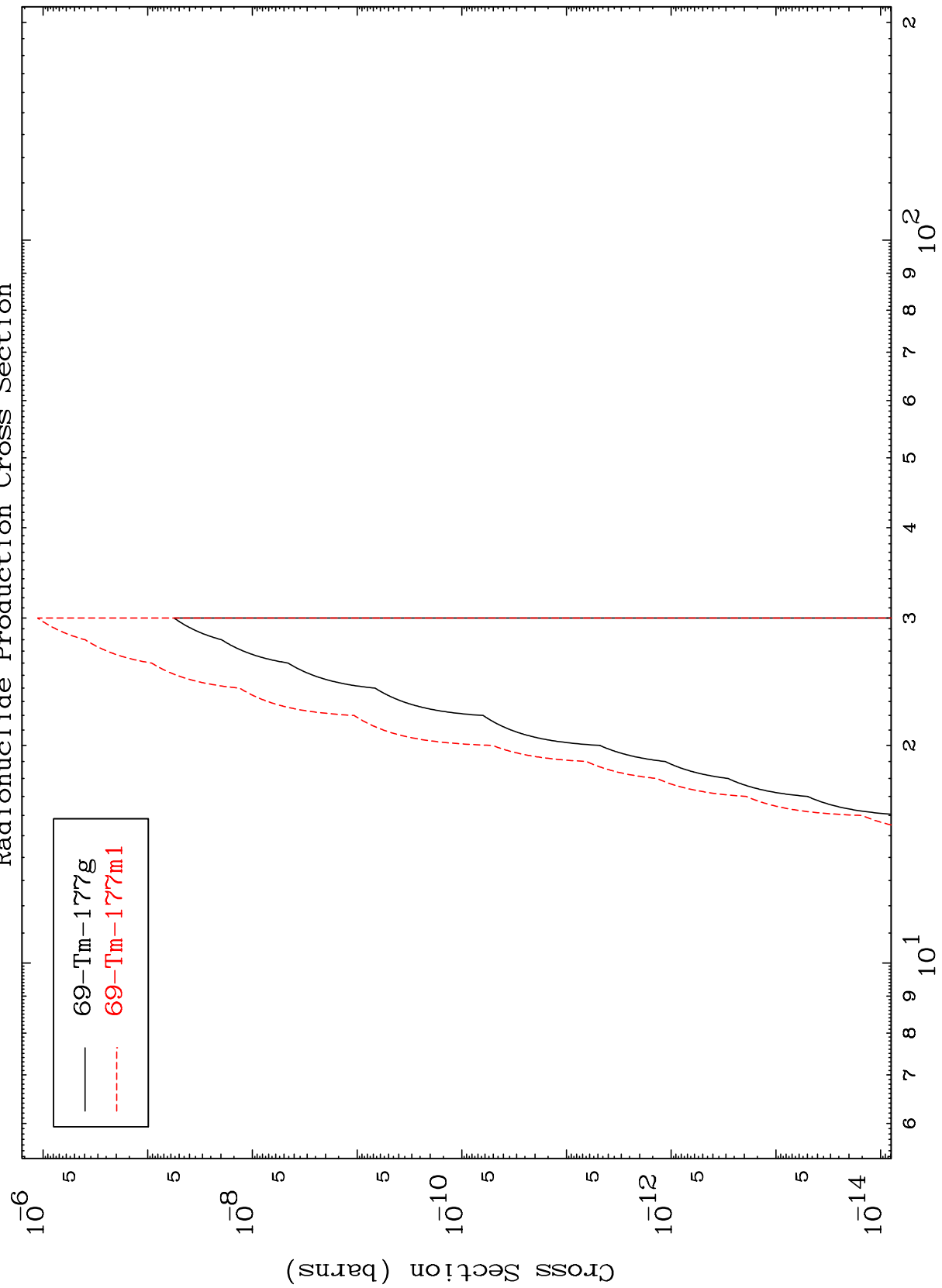
Radionuclide Production Cross Section



MAT 7049

70-Yb-176

(n,2p)
Radionuclide Production Cross Section



69-Tm-177g
69-Tm-177m1

70-Yb-176

Incident Energy (MeV)

20