

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

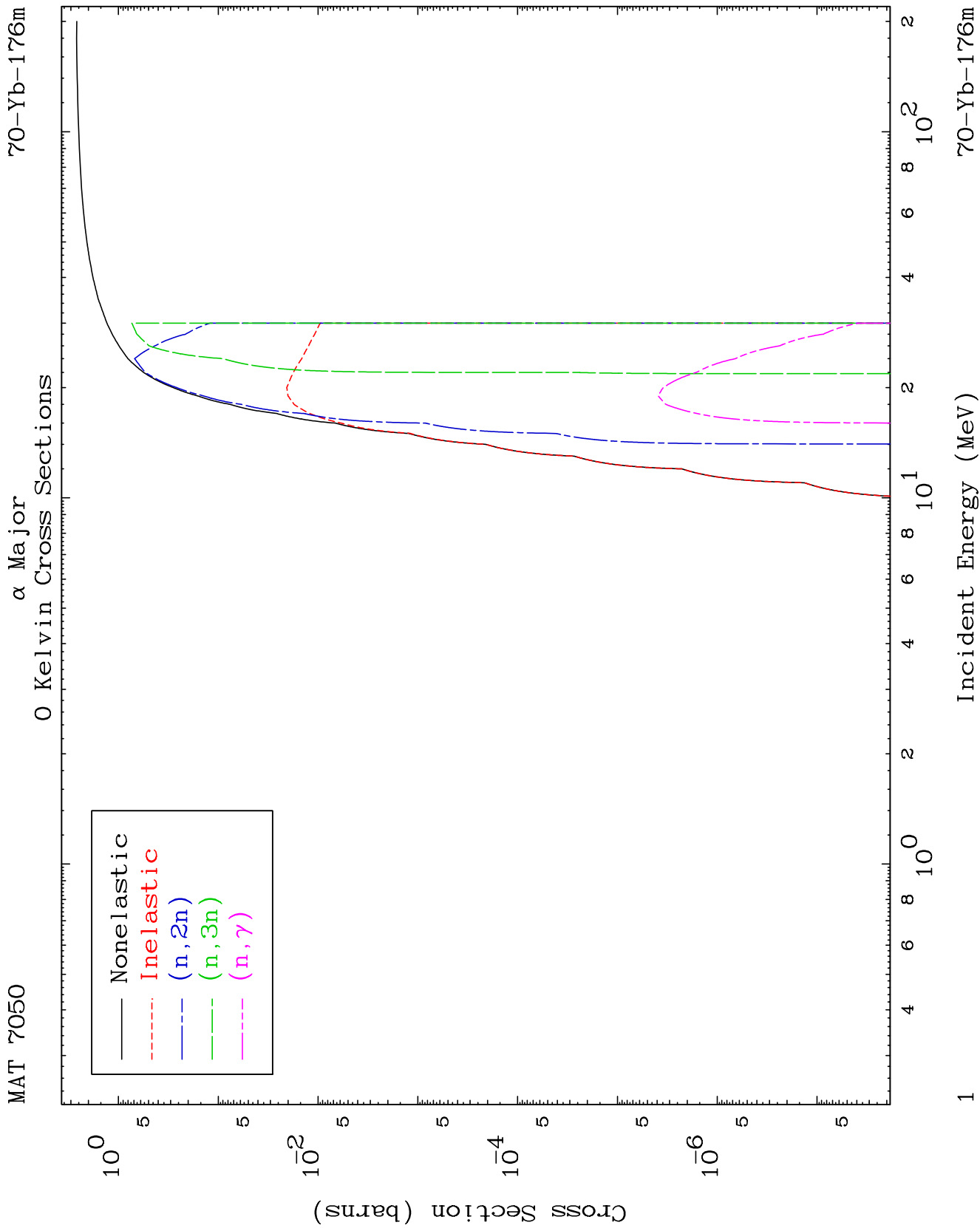
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

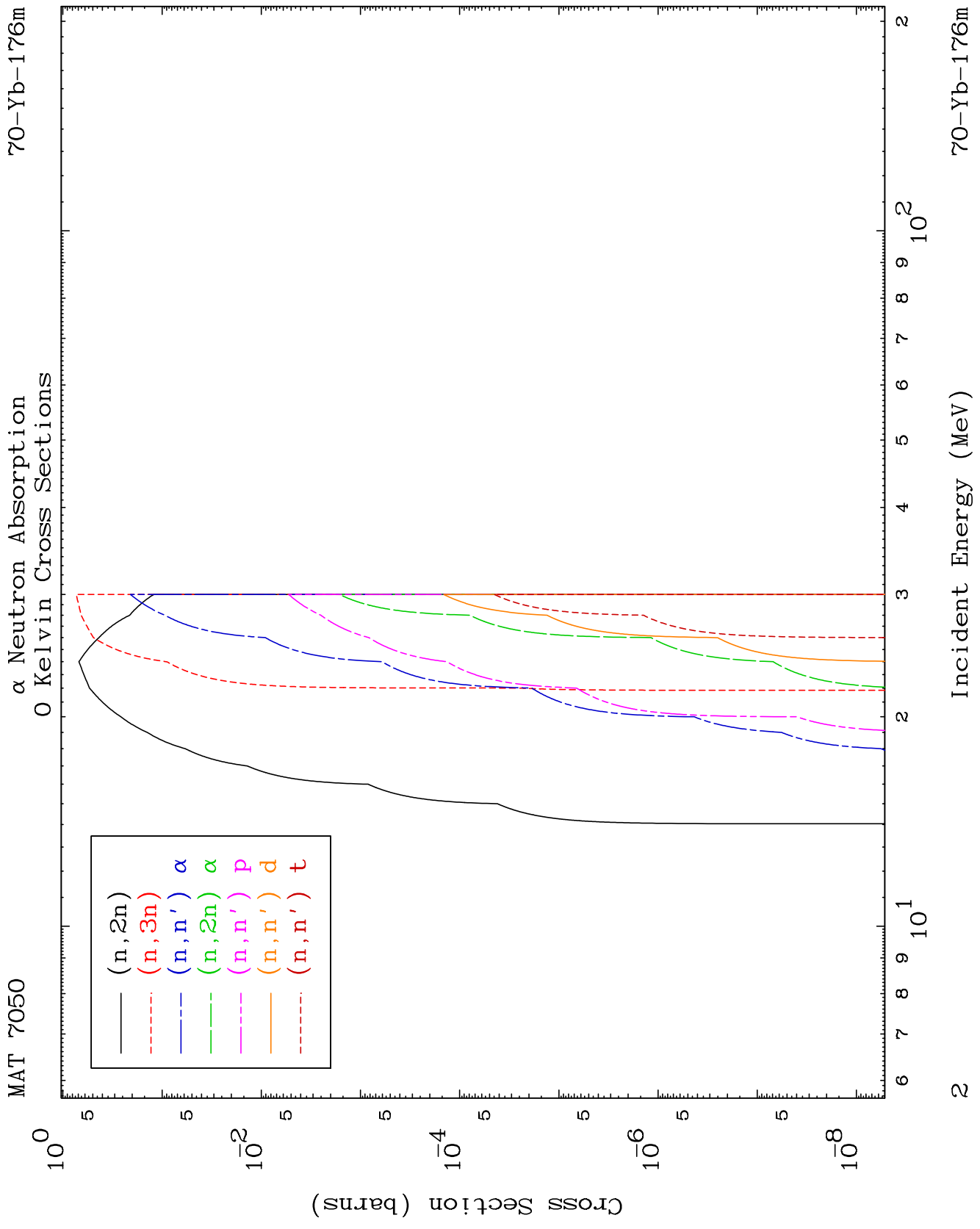
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

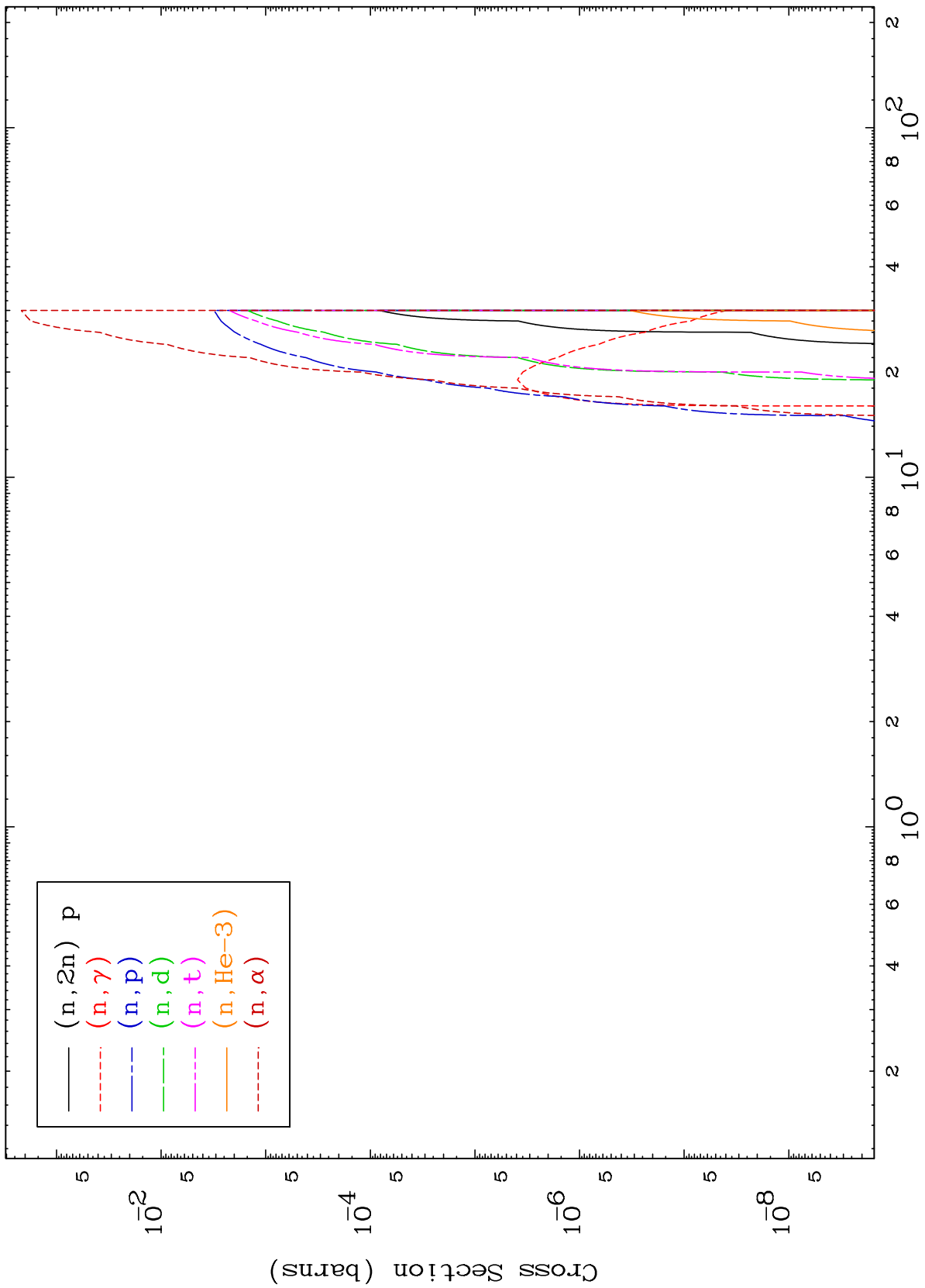




MAT 7050

α Neutron Absorption
0 Kelvin Cross Sections

⁷⁰Yb-176m



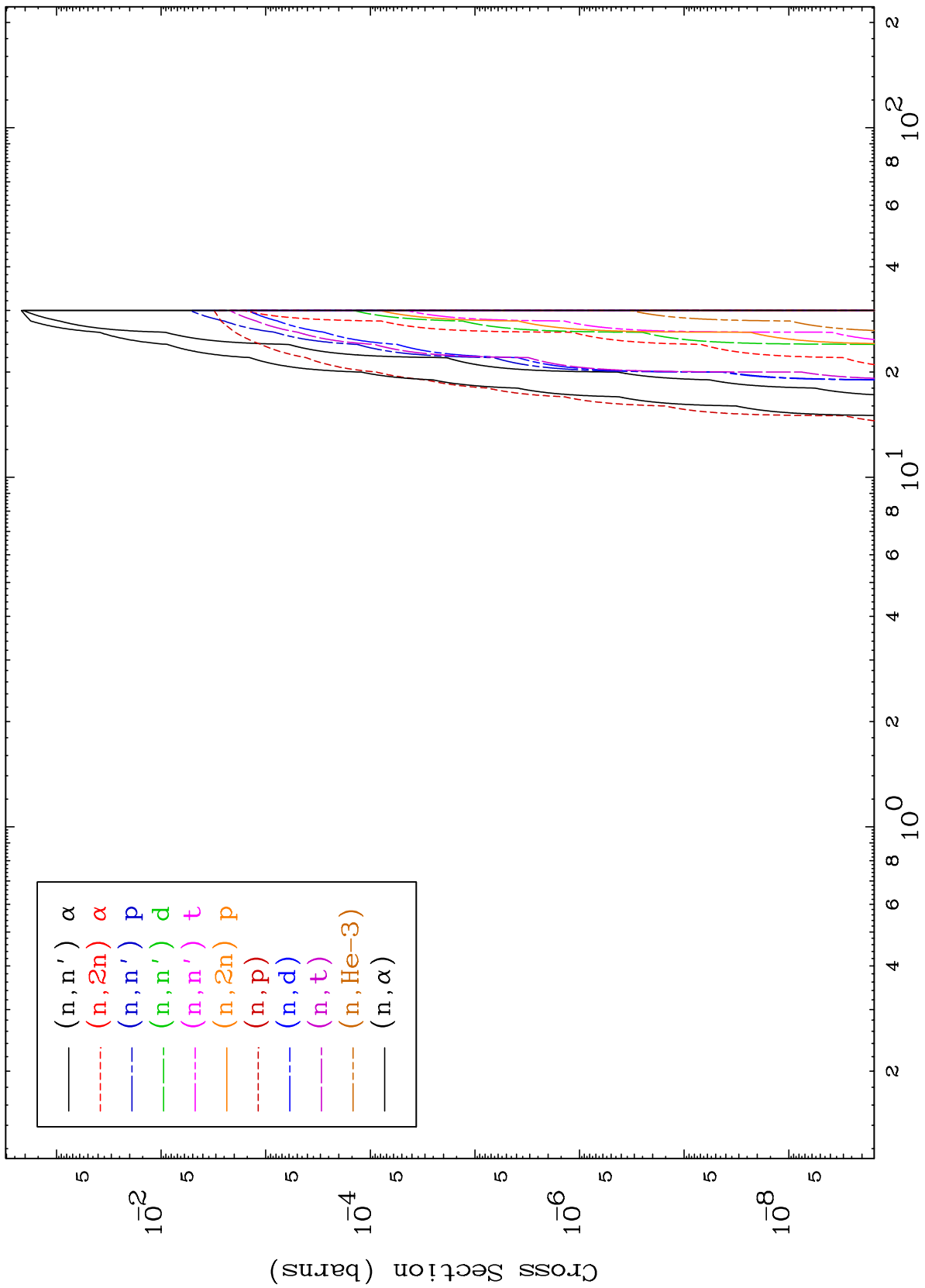
Incident Energy (MeV)

⁷⁰Yb-176m

MAT 7050

α Charged Particle
0 Kelvin Cross Sections

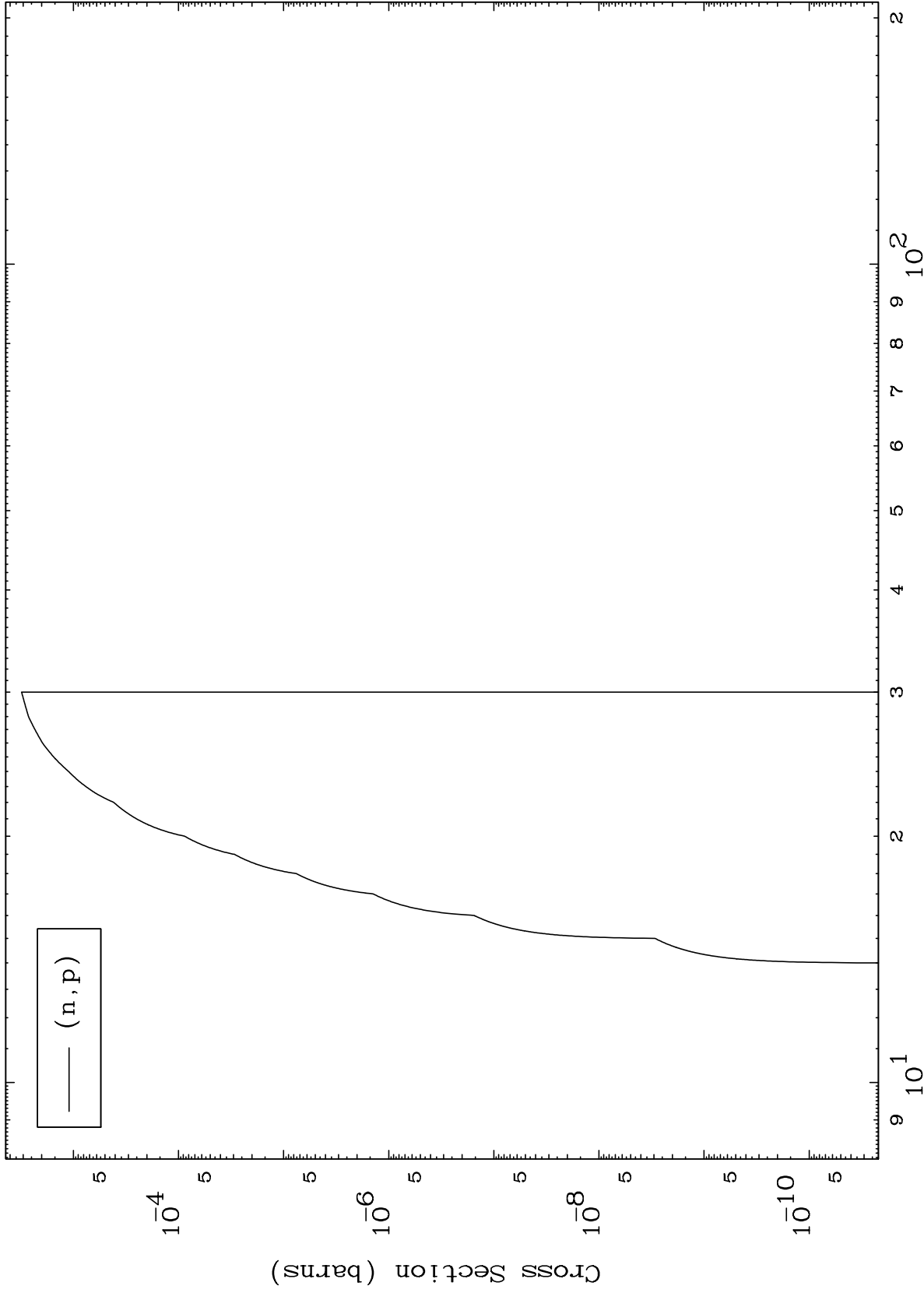
70-Yb-176m



MAT 7050

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-176m



Incident Energy (MeV)

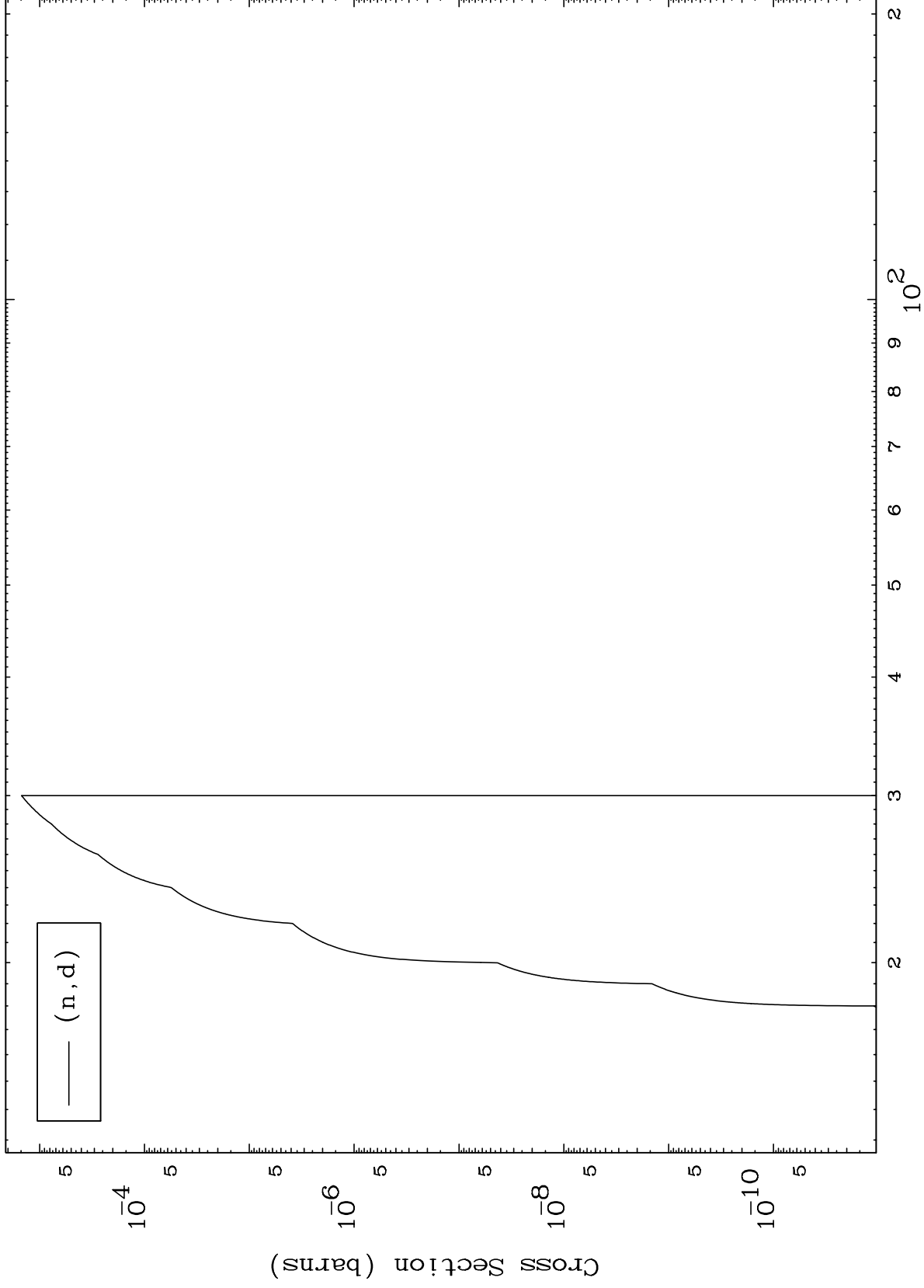
70-Yb-176m

5

MAT 7050

(α, d) Levels
0 Kelvin Cross Sections

^{70}Yb -176m



6

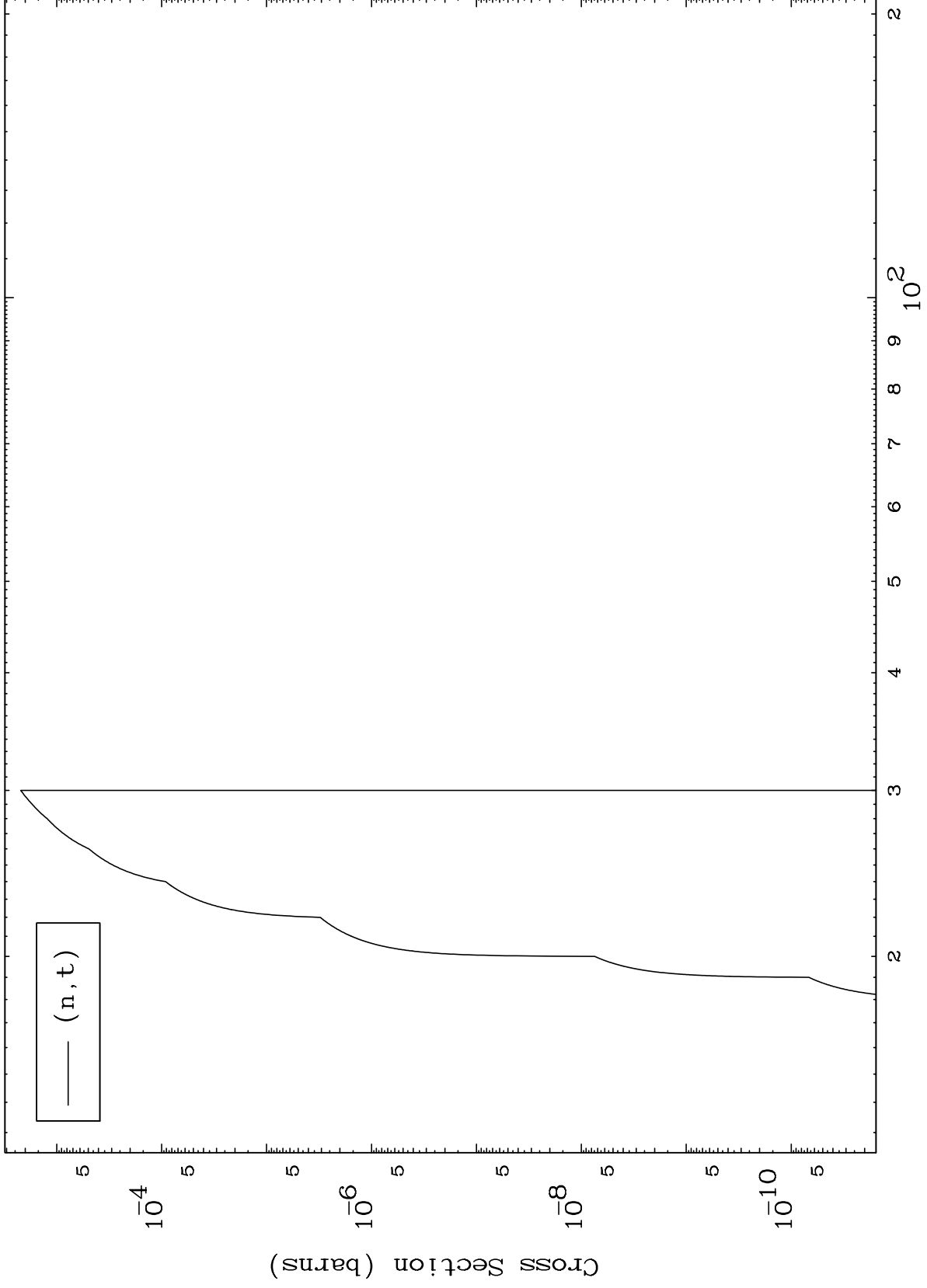
Incident Energy (MeV)

^{70}Yb -176m

MAT 7050

(α, t) Levels
0 Kelvin Cross Sections

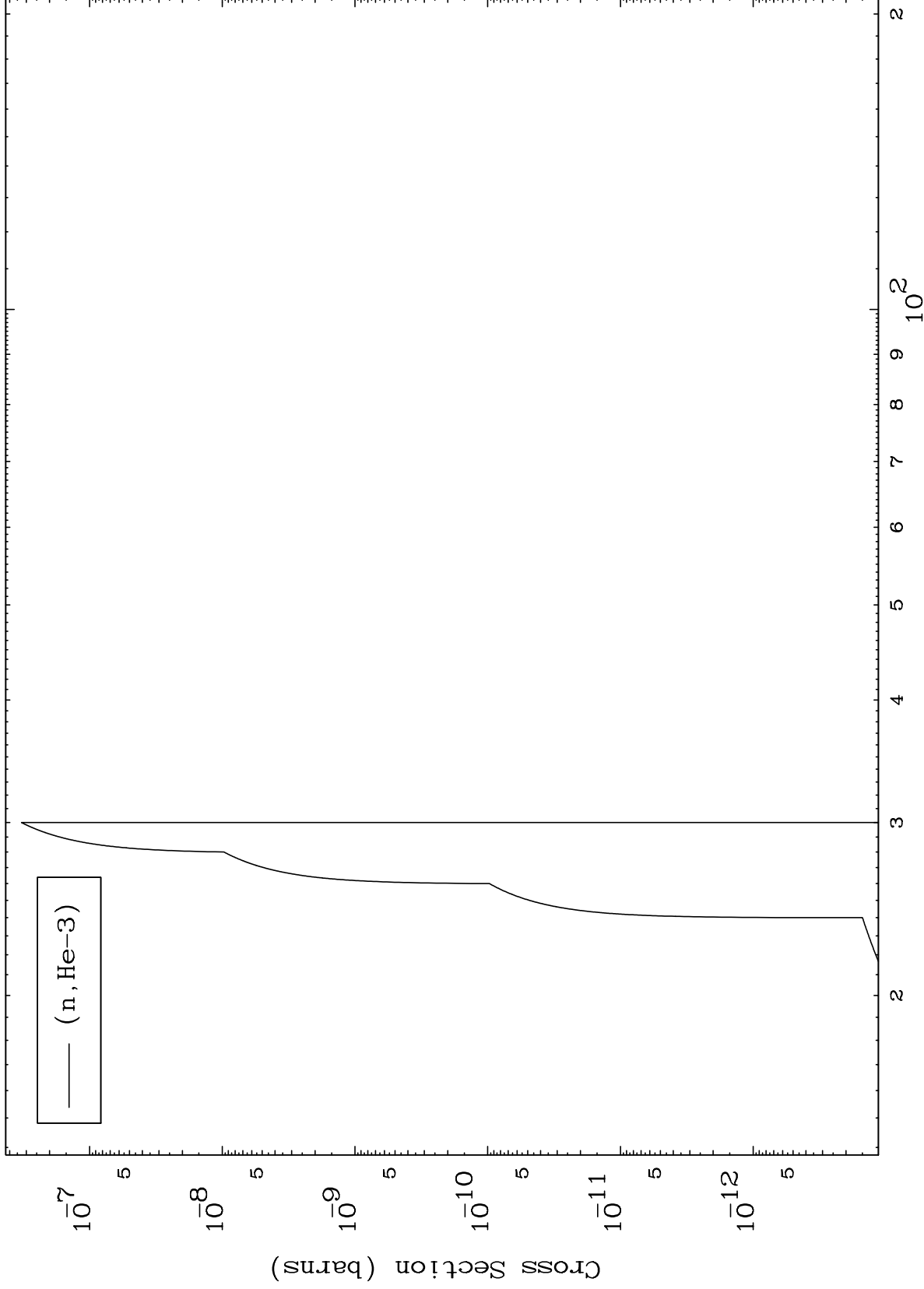
70-Yb-176m



MAT 7050

(α ,He3) Levels
0 Kelvin Cross Sections

70-Yb-176m

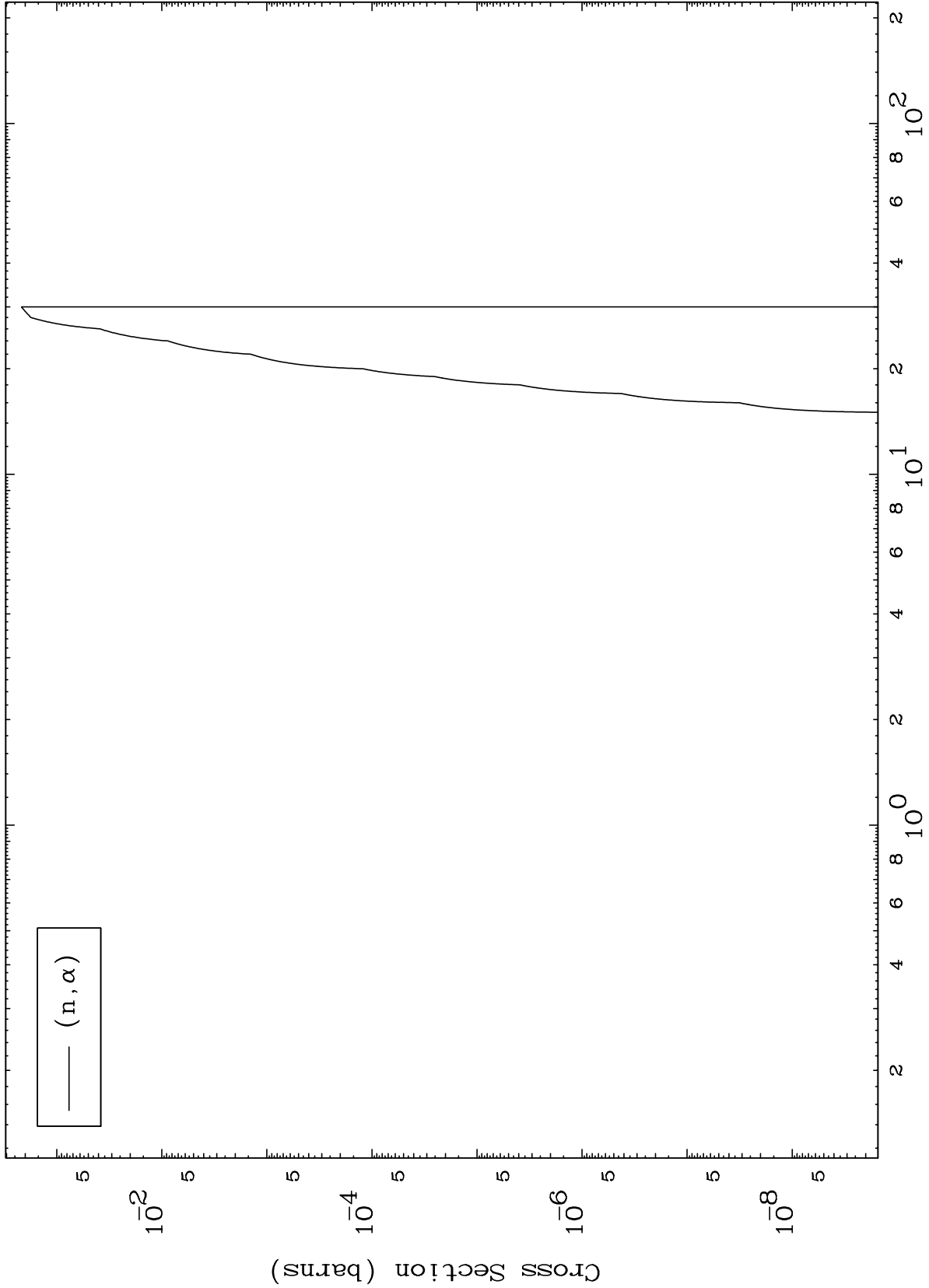


MAT 7050

(α, α) Levels

70-Yb-176m

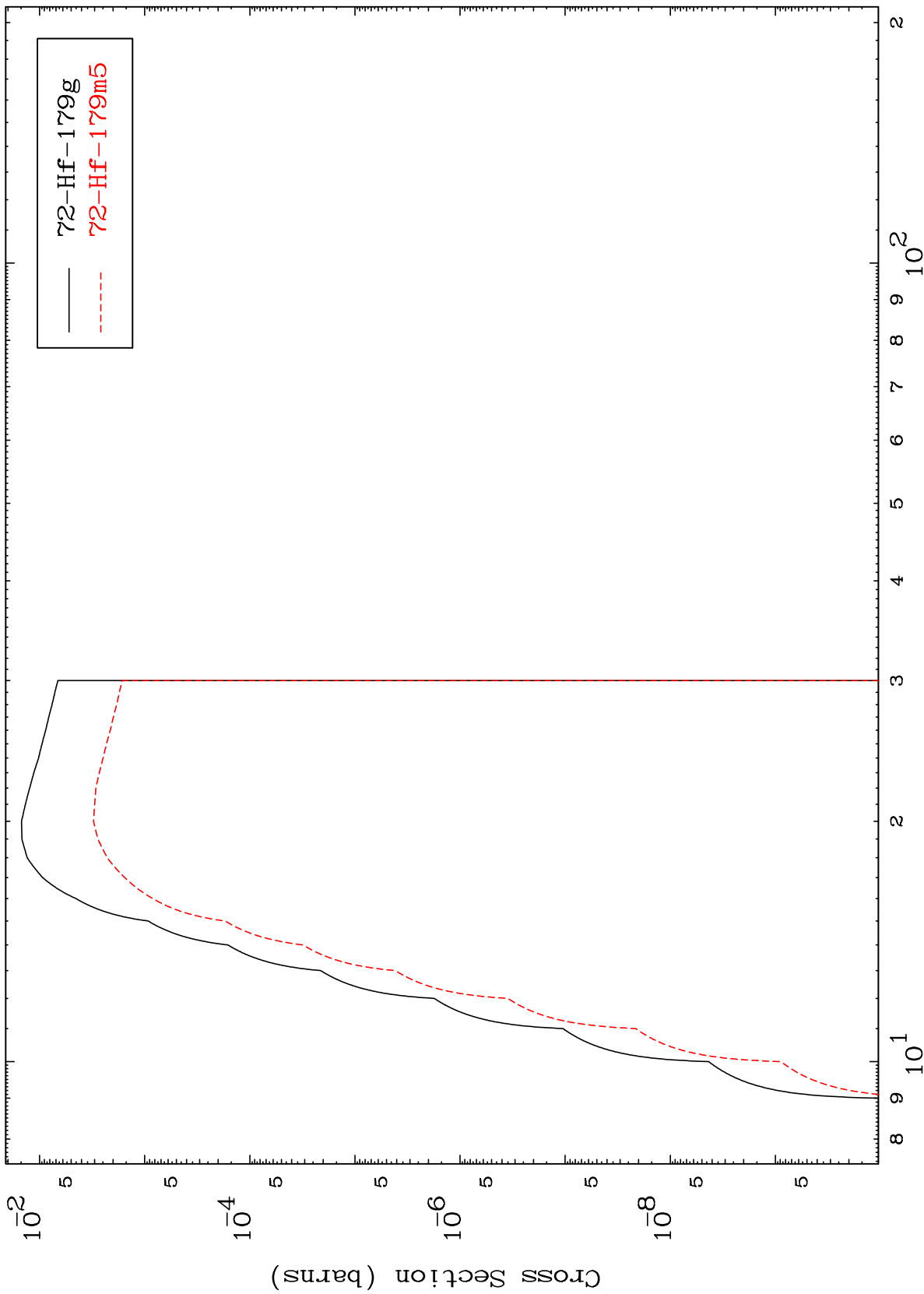
0 Kelvin Cross Sections



MAT 7050

Inelastic
Radionuclide Production Cross Section

70-Yb-176m



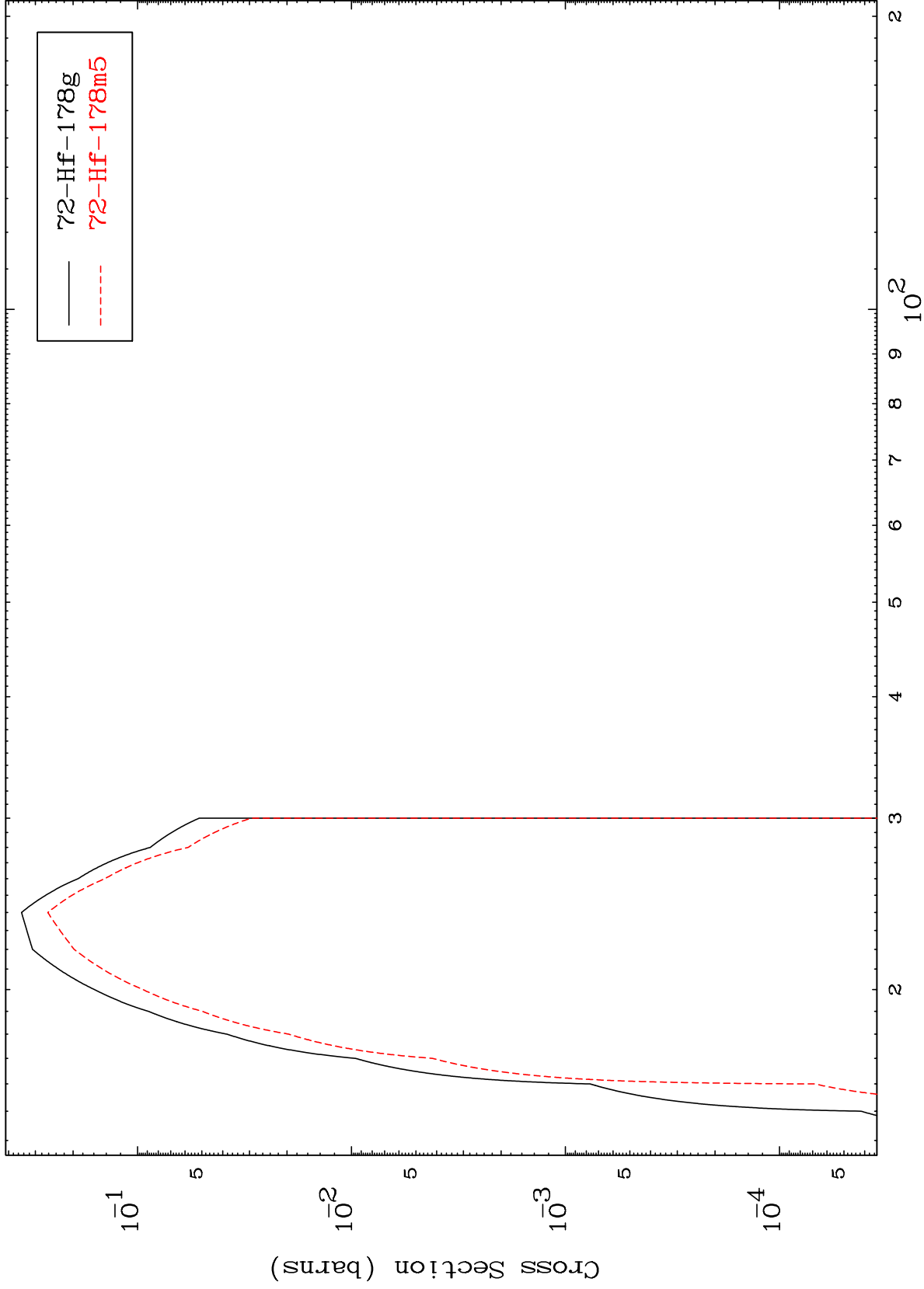
Incident Energy (MeV)

70-Yb-176m

MAT 7050

70-Yb-176m

(n,2n)
Radionuclide Production Cross Section



70-Yb-176m

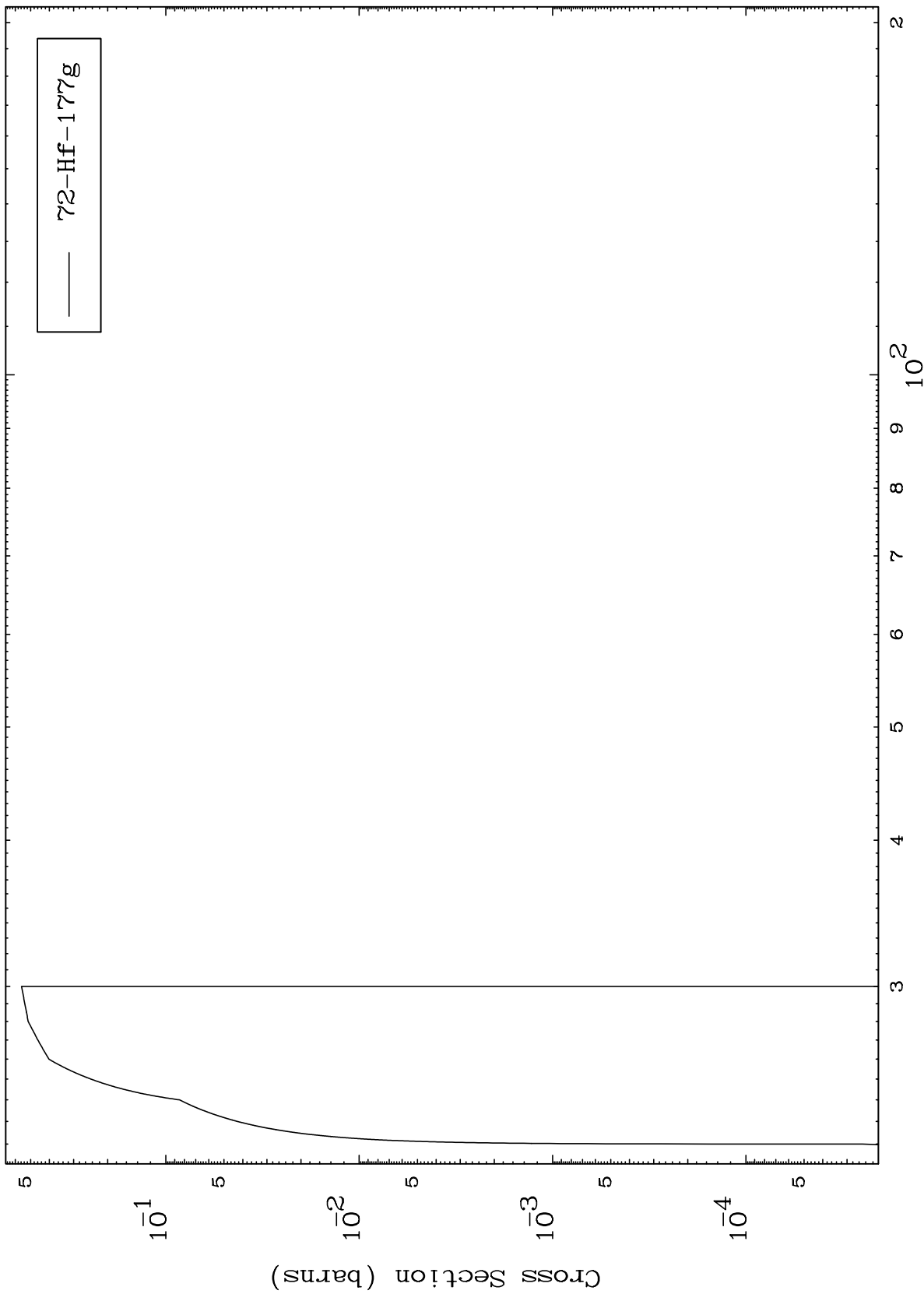
Incident Energy (MeV)

11

MAT 7050

70-Yb-176m

(n,3n)
Radionuclide Production Cross Section



70-Yb-176m

Incident Energy (MeV)

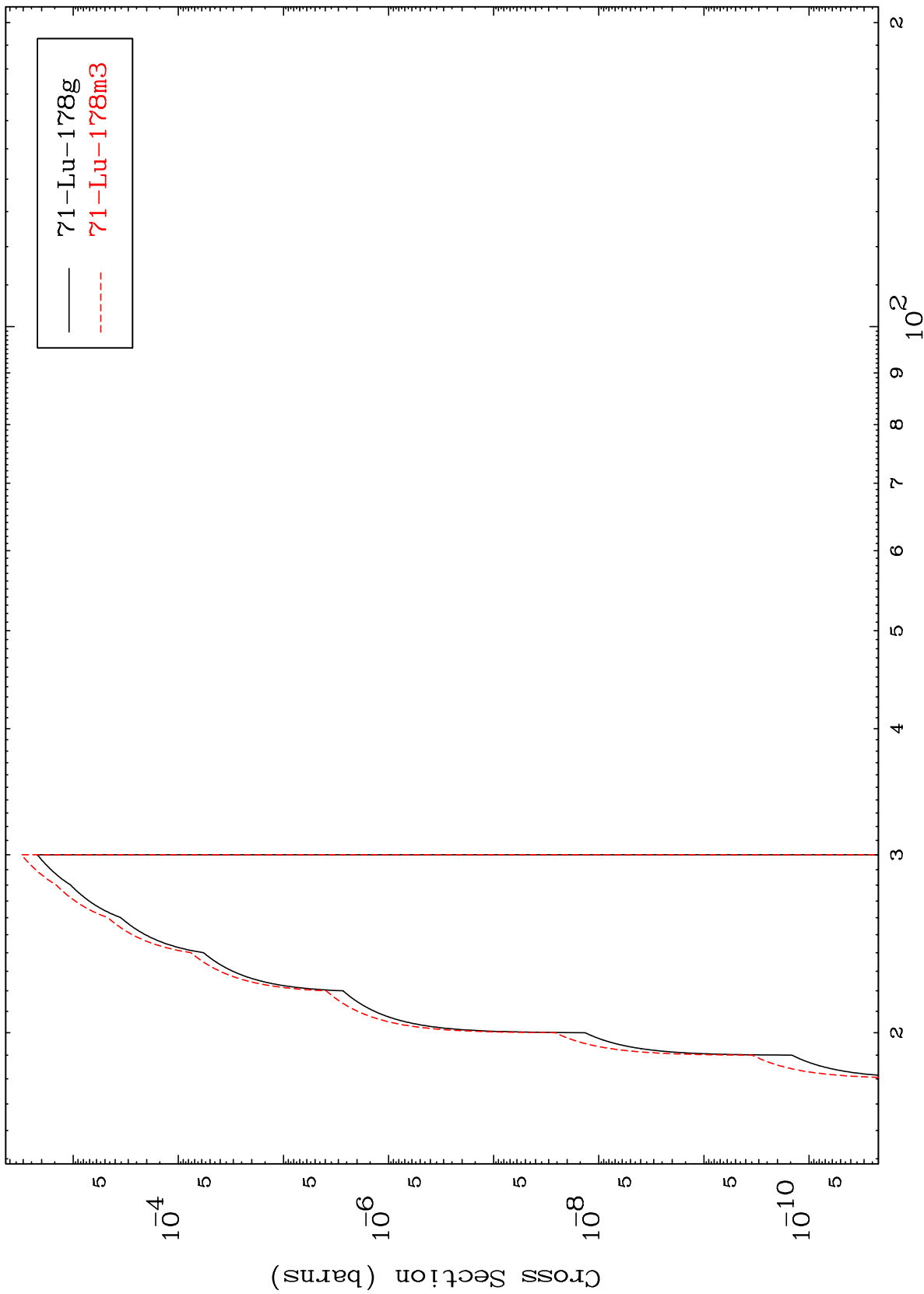
12

MAT 7050

(n,n') p

70-Yb-176m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

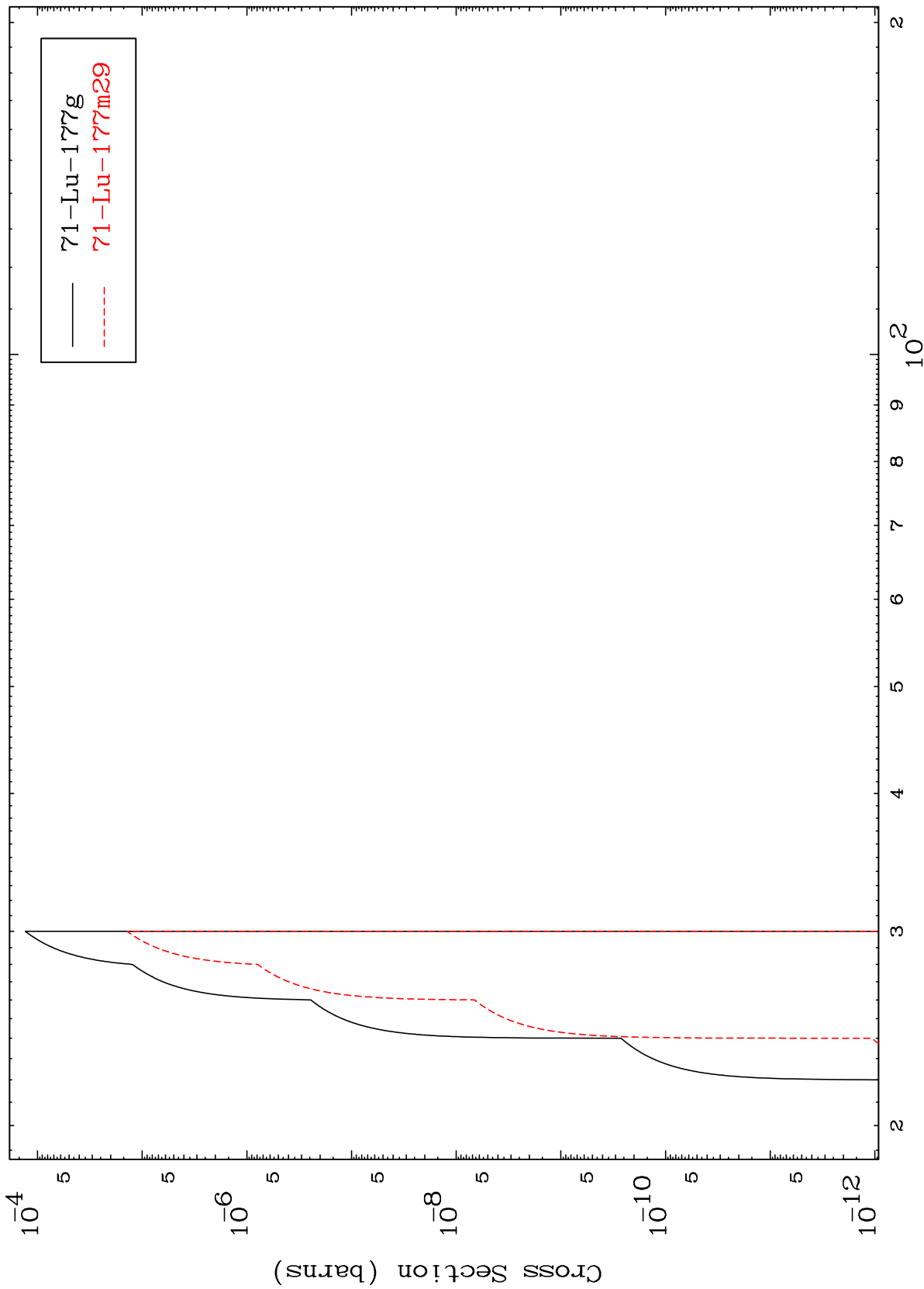
70-Yb-176m

MAT 7050

(n,n') d

70-Yb-176m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

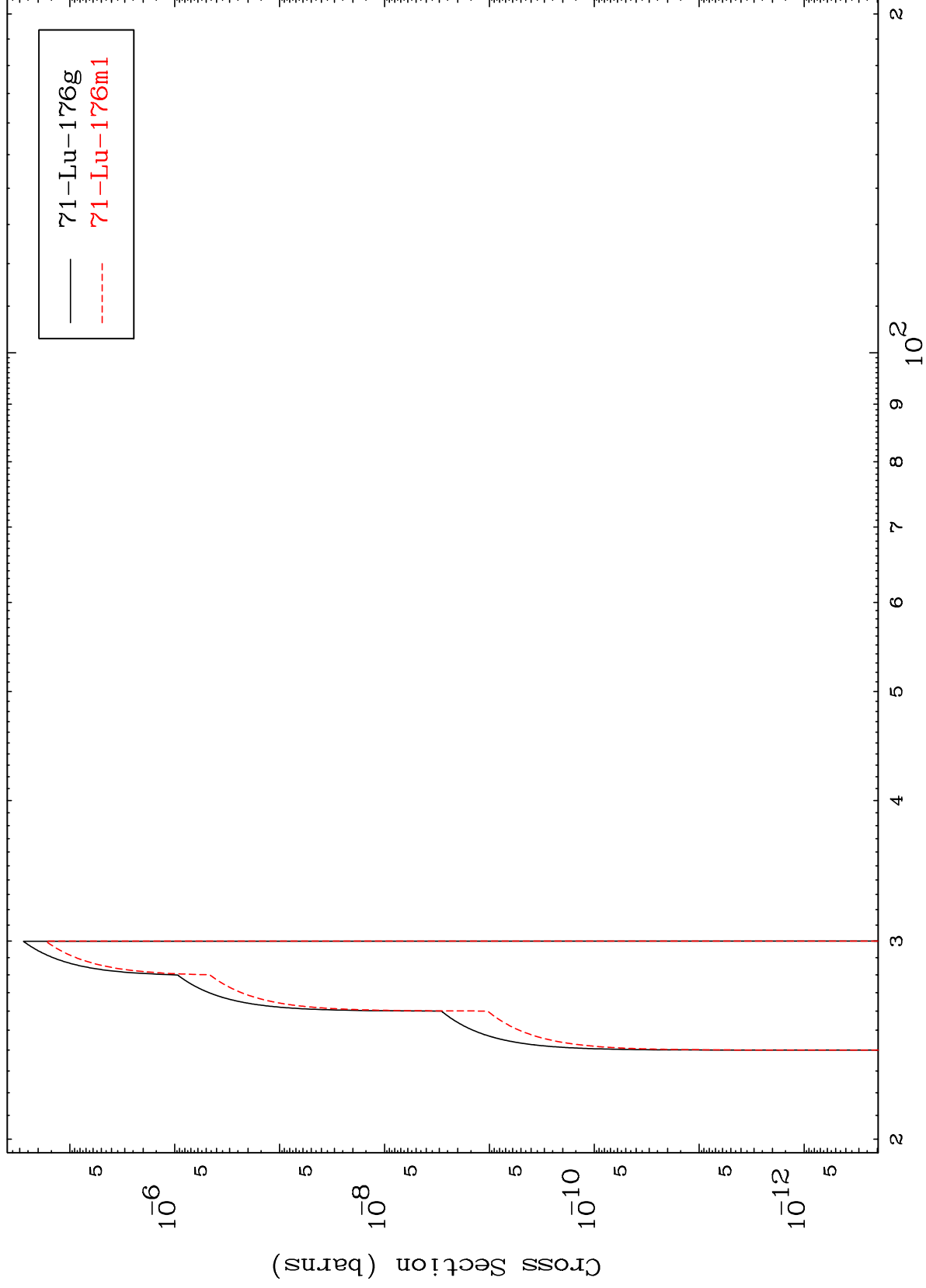
70-Yb-176m

MAT 7050

(n,n') t

70-Yb-176m

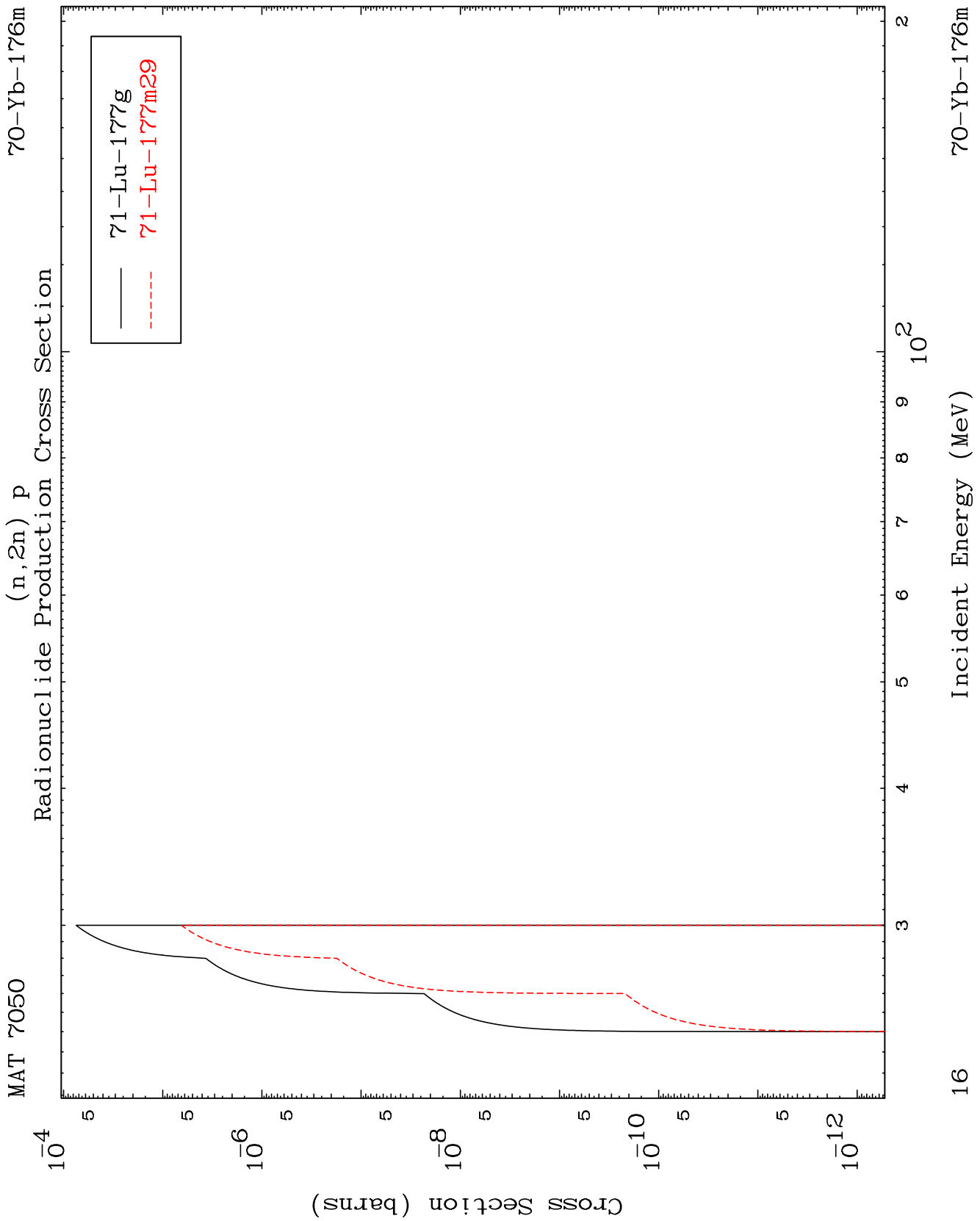
Radionuclide Production Cross Section



15

Incident Energy (MeV)

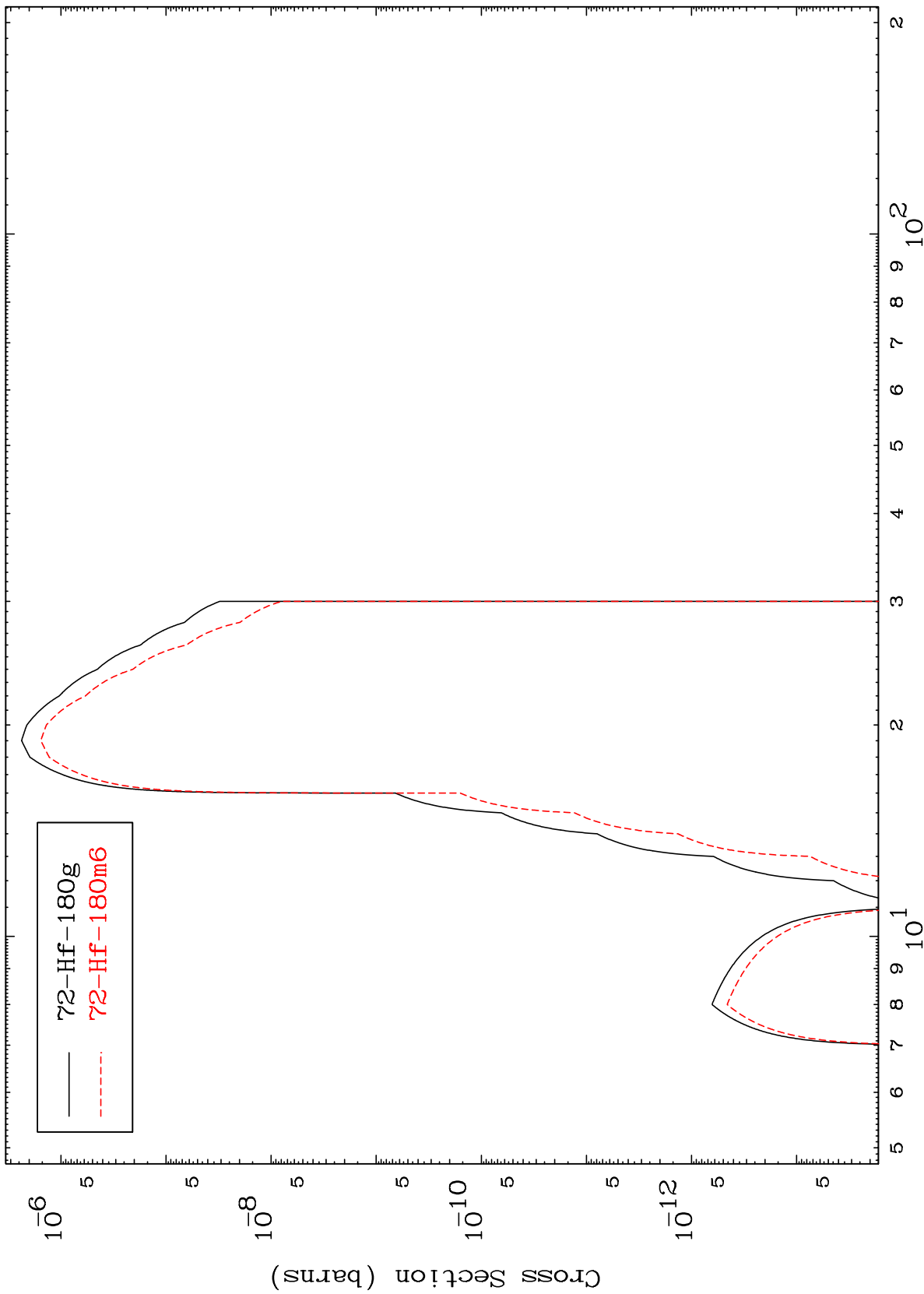
70-Yb-176m



MAT 7050

70-Yb-176m

Radionuclide Production Cross Section (n,γ)



70-Yb-176m

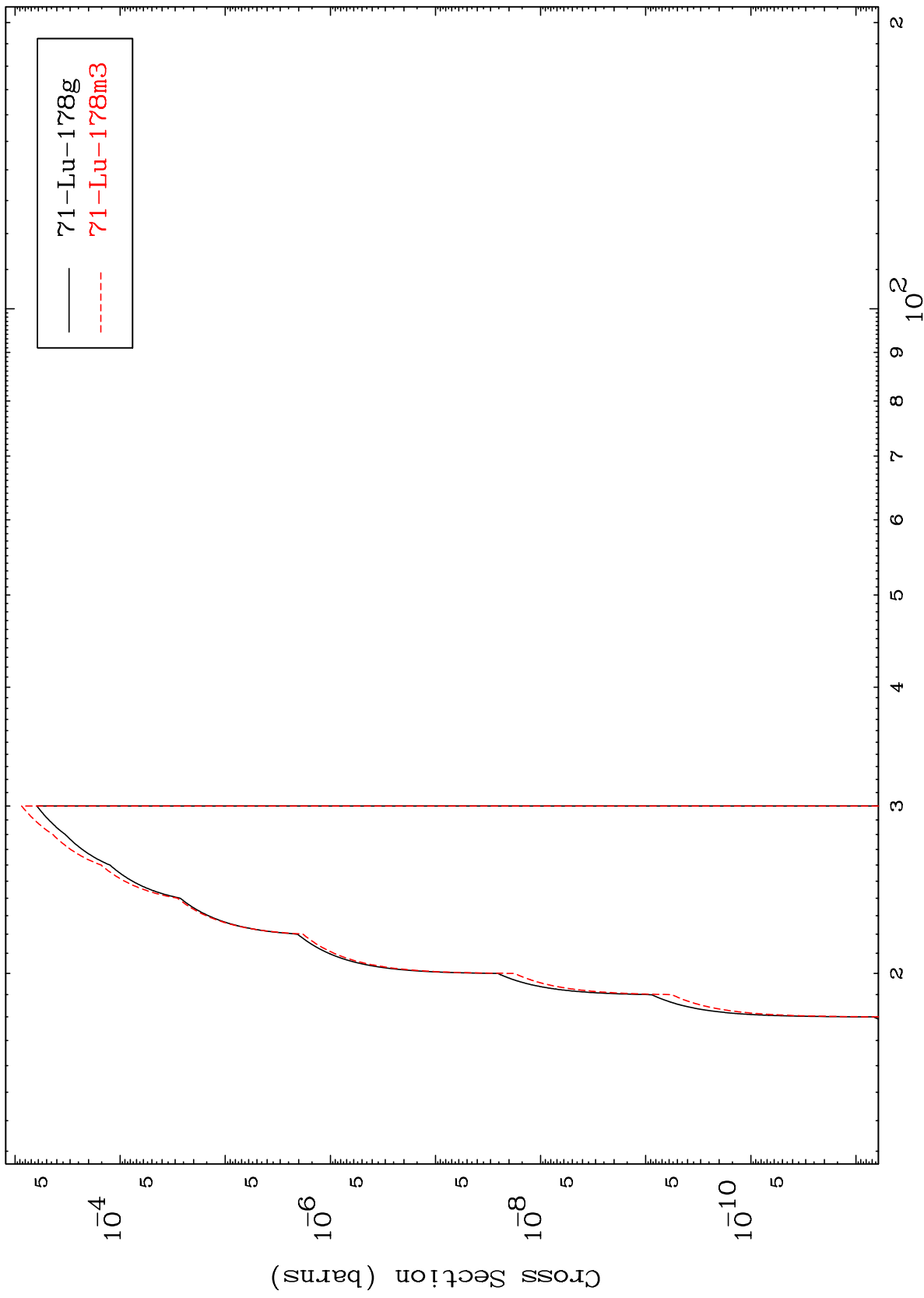
Incident Energy (MeV)

17

MAT 7050

70-Yb-176m

(n,d)
Radionuclide Production Cross Section



18

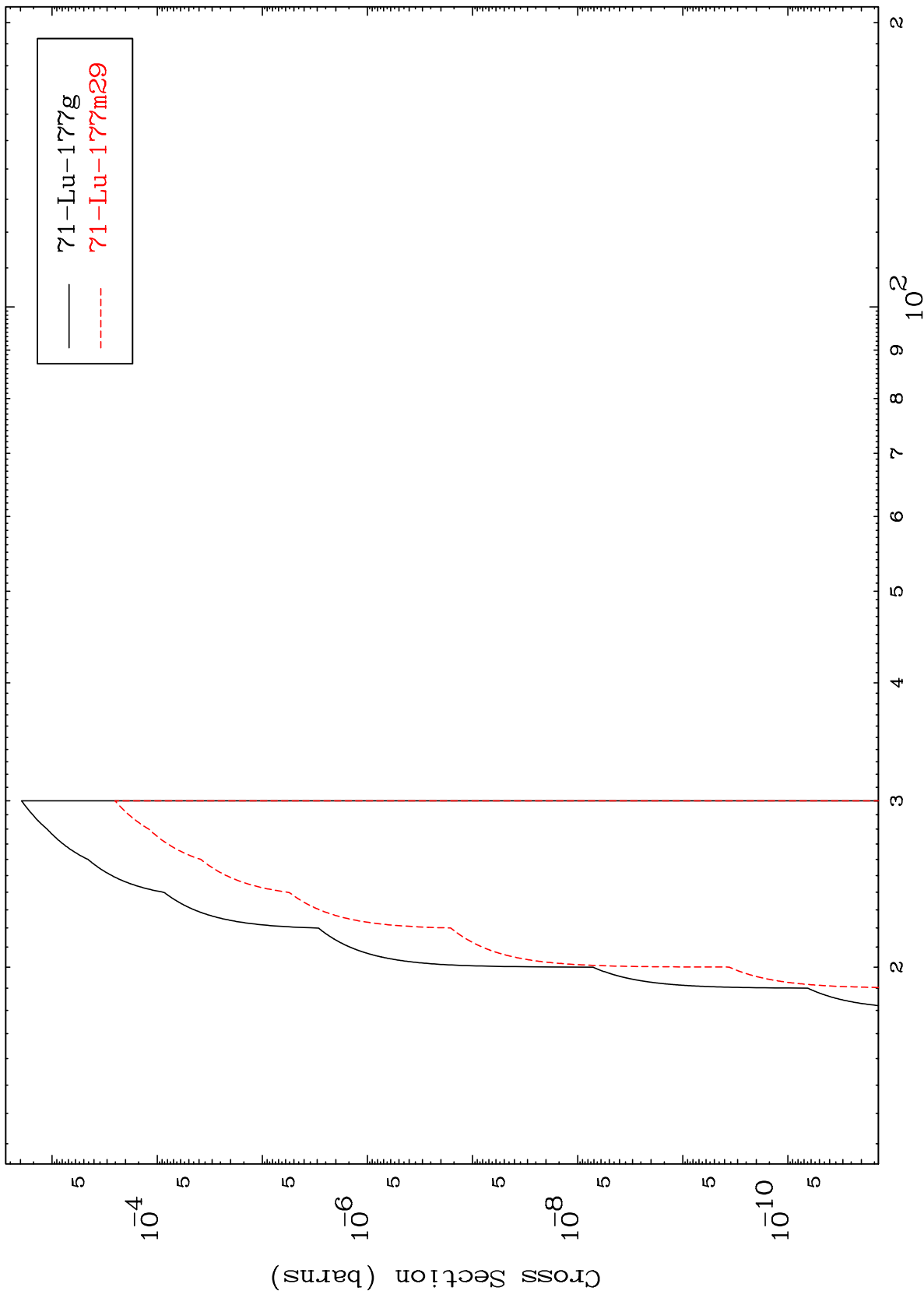
70-Yb-176m

Incident Energy (MeV)

MAT 7050

70-Yb-176m

(n,t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

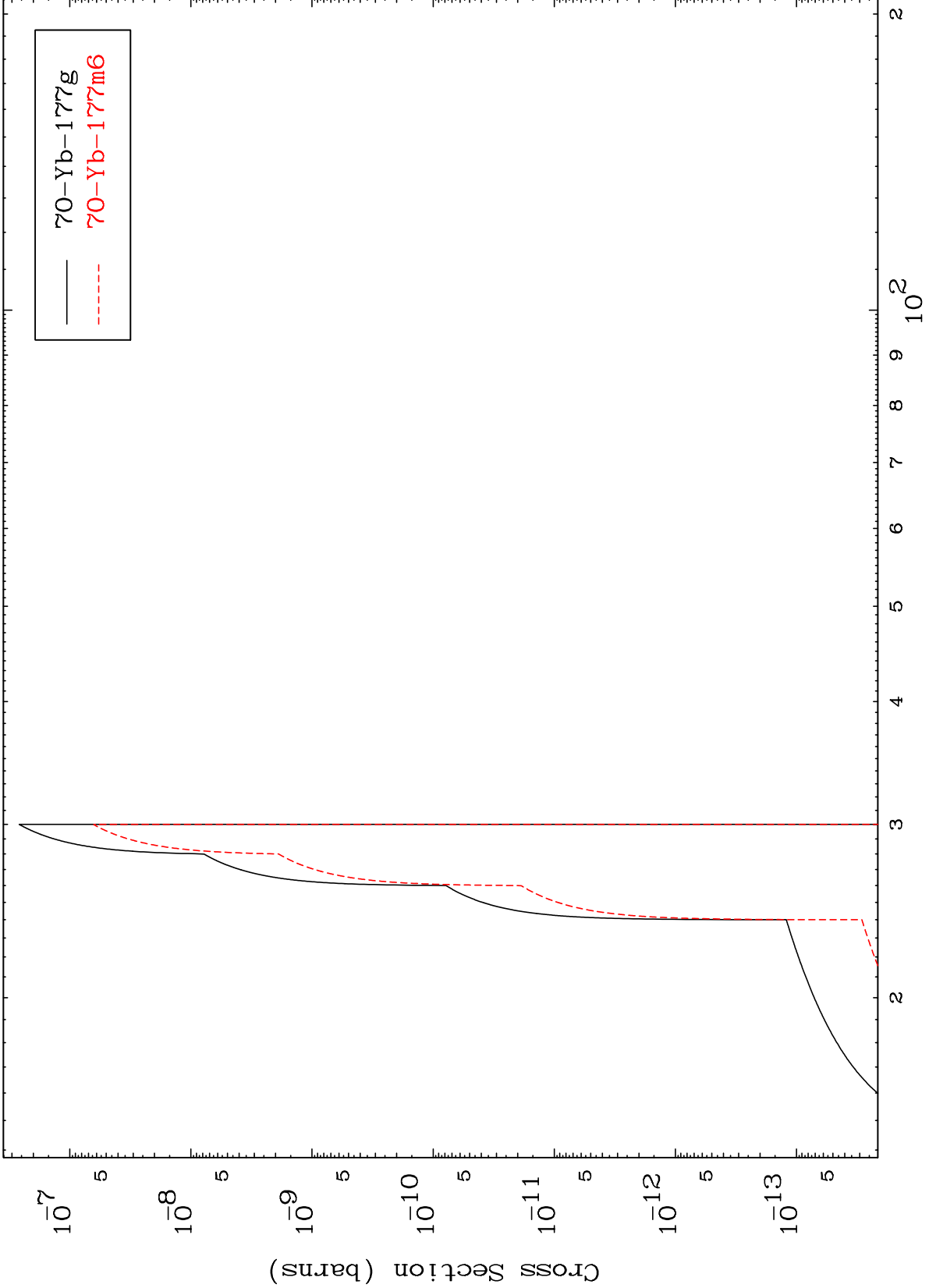
70-Yb-176m

MAT 7050

(n,He-3)

70-Yb-176m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

70-Yb-176m

MAT 7050

