

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

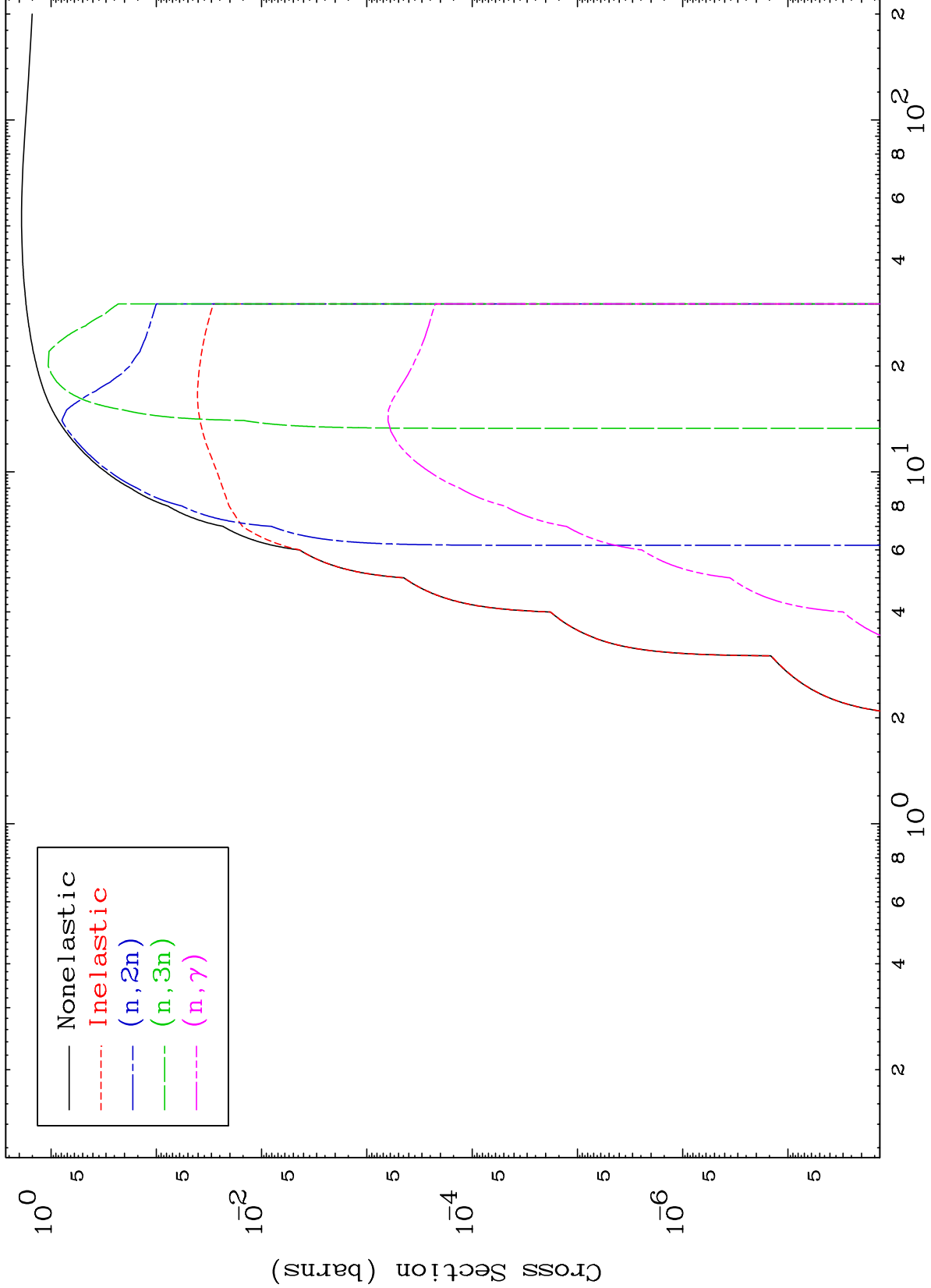
Press Mouse Button to Start

MAT 7055

Proton Major

70-Yb-178

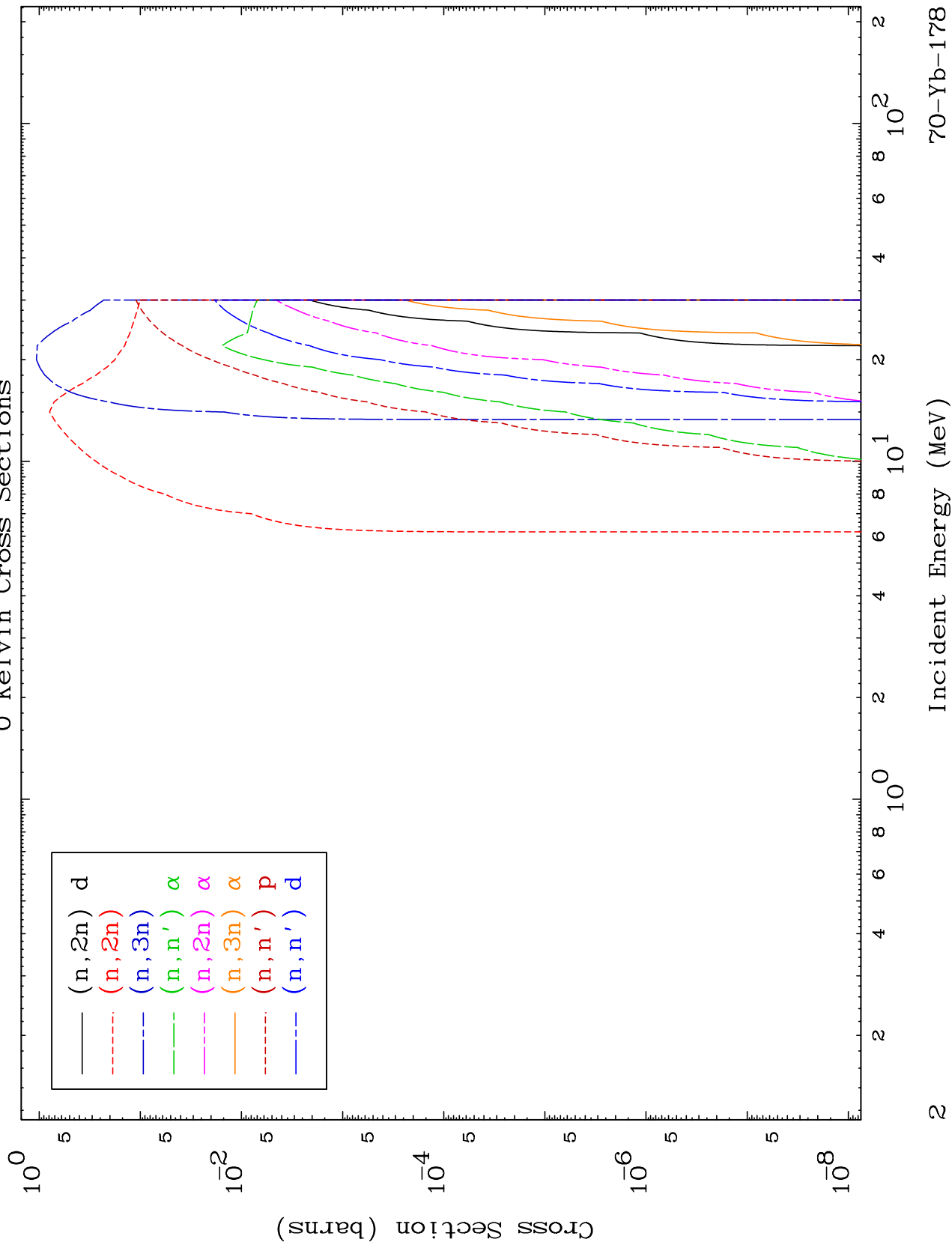
0 Kelvin Cross Sections



MAT 7055

Proton Neutron Absorption
0 Kelvin Cross Sections

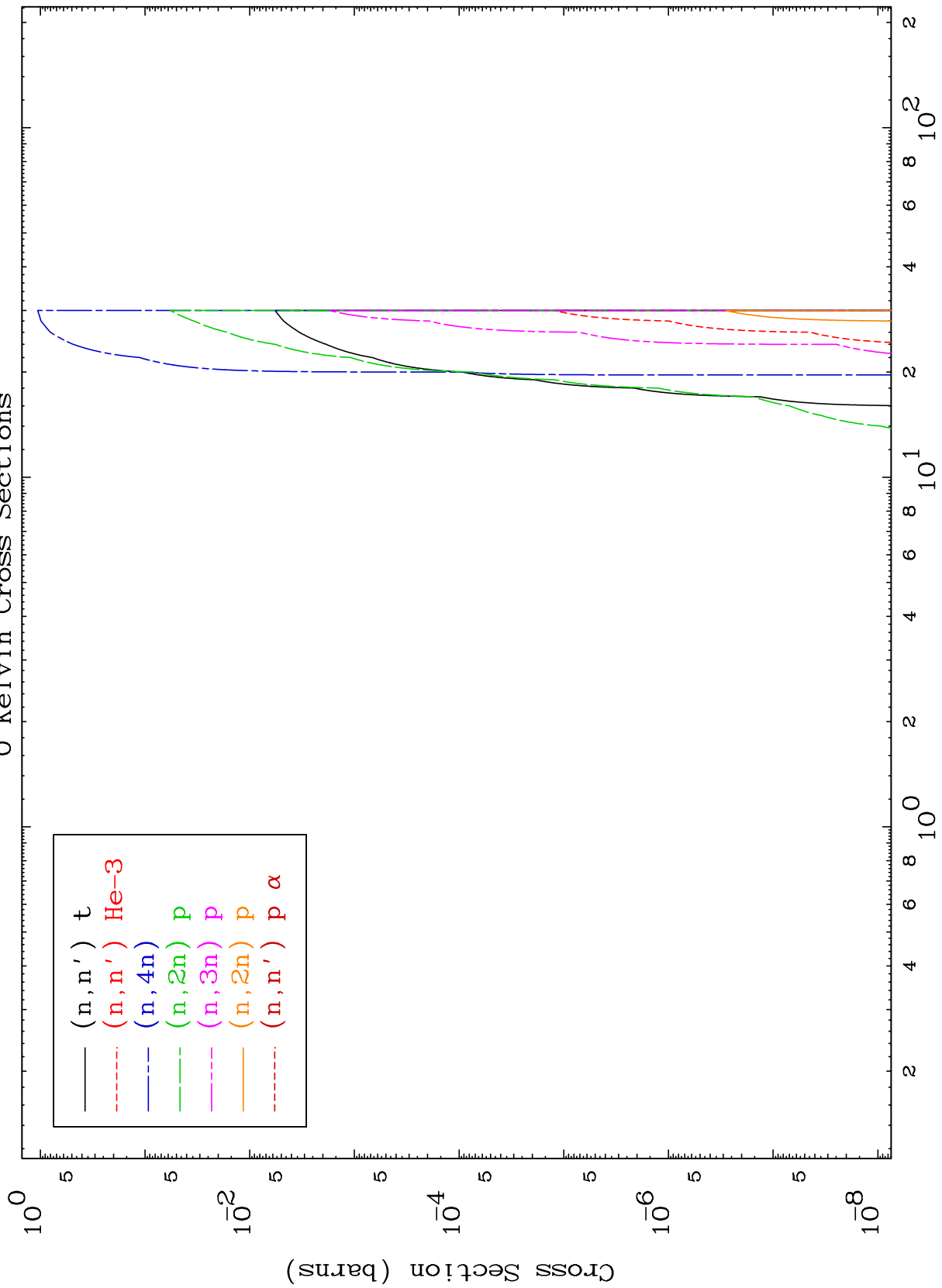
70-Yb-178



MAT 7055

Proton Neutron Absorption
0 Kelvin Cross Sections

70-Yb-178



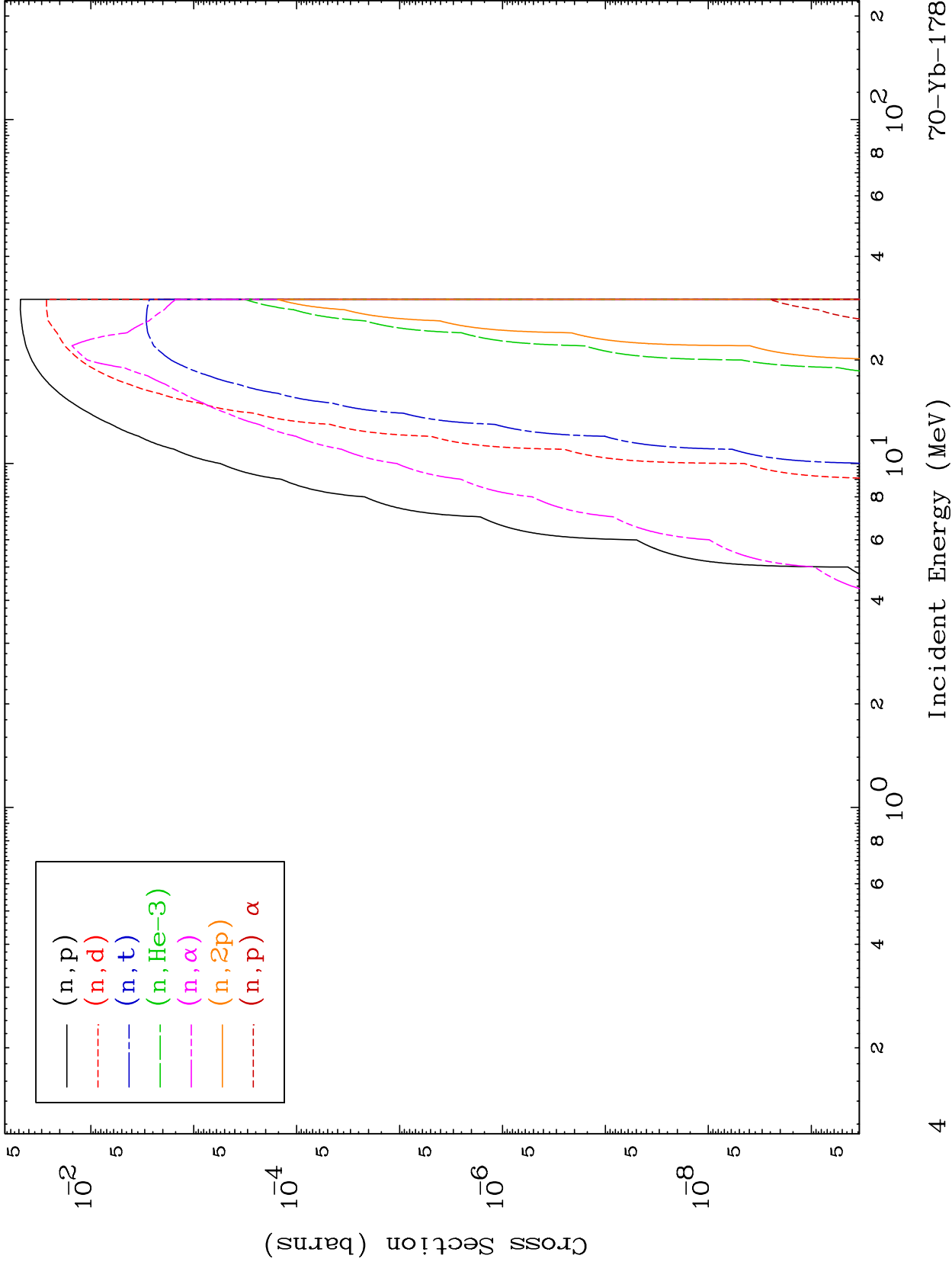
70-Yb-178

Incident Energy (MeV)

MAT 7055

Proton Neutron Absorption
0 Kelvin Cross Sections

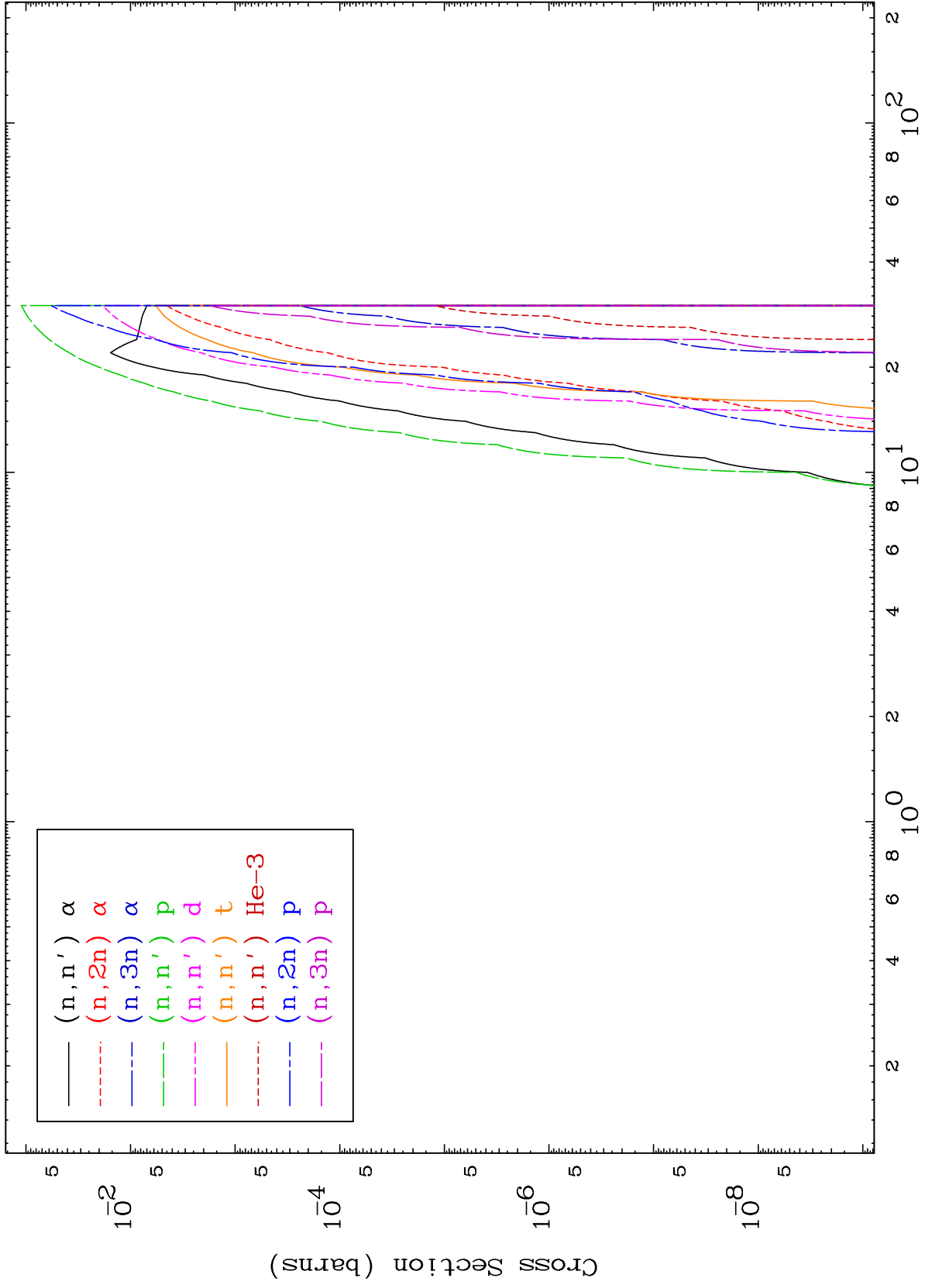
70-Yb-178



MAT 7055

Proton Charged Particle
0 Kelvin Cross Sections

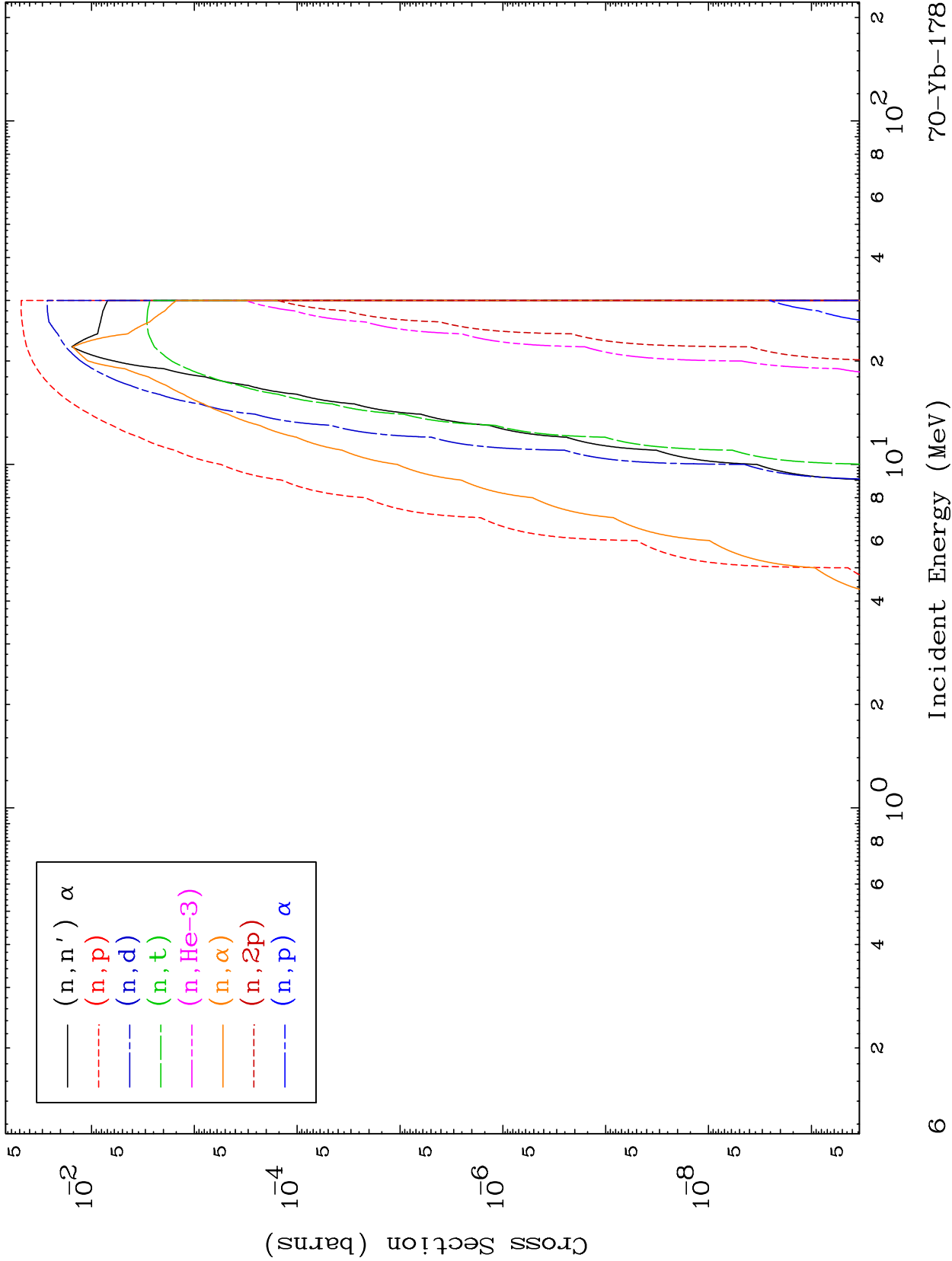
70-Yb-178



MAT 7055

Proton Charged Particle
0 Kelvin Cross Sections

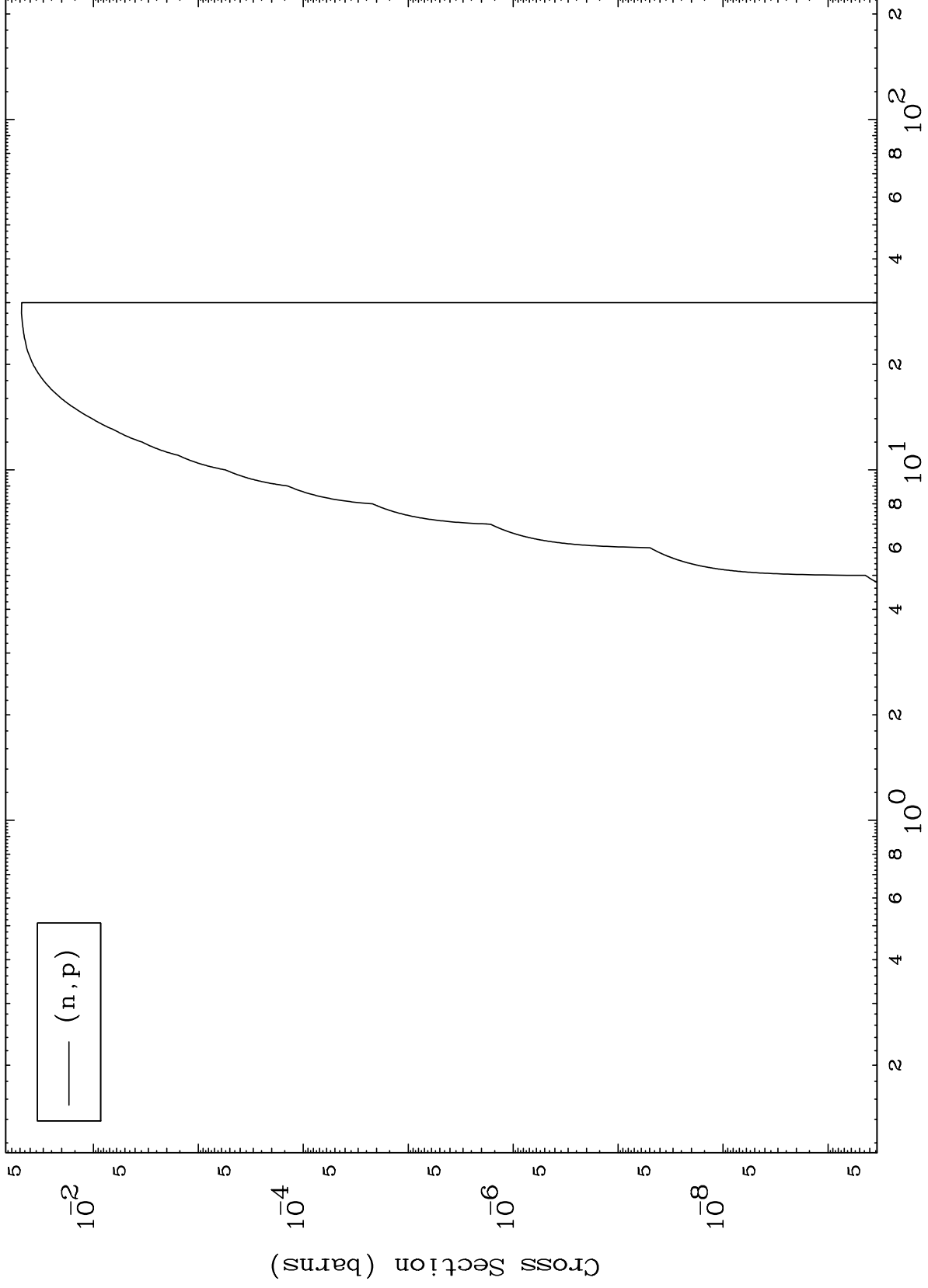
70-Yb-178



MAT 7055

(p,p) Levels
0 Kelvin Cross Sections

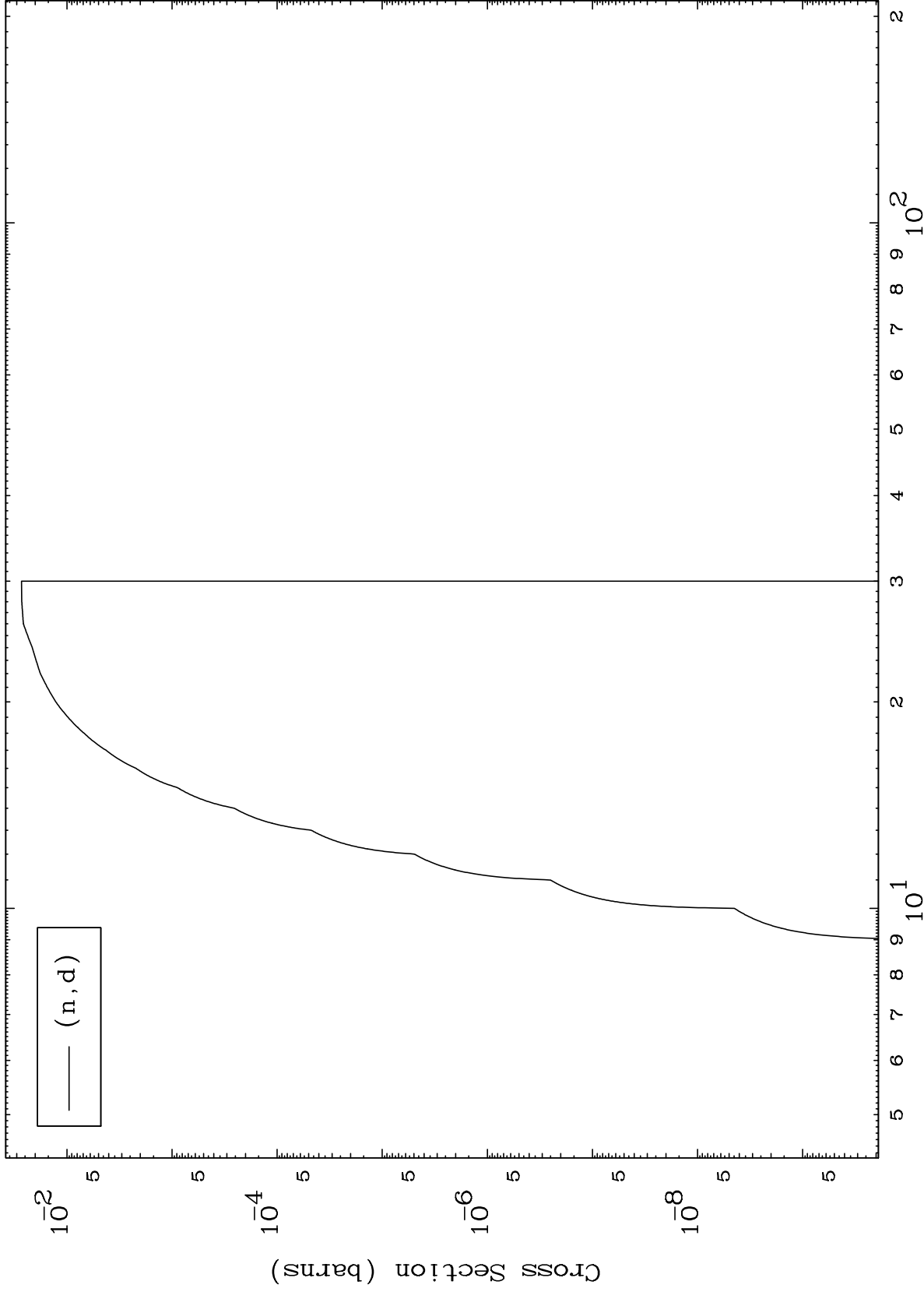
70-Yb-178



MAT 7055

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-178



8

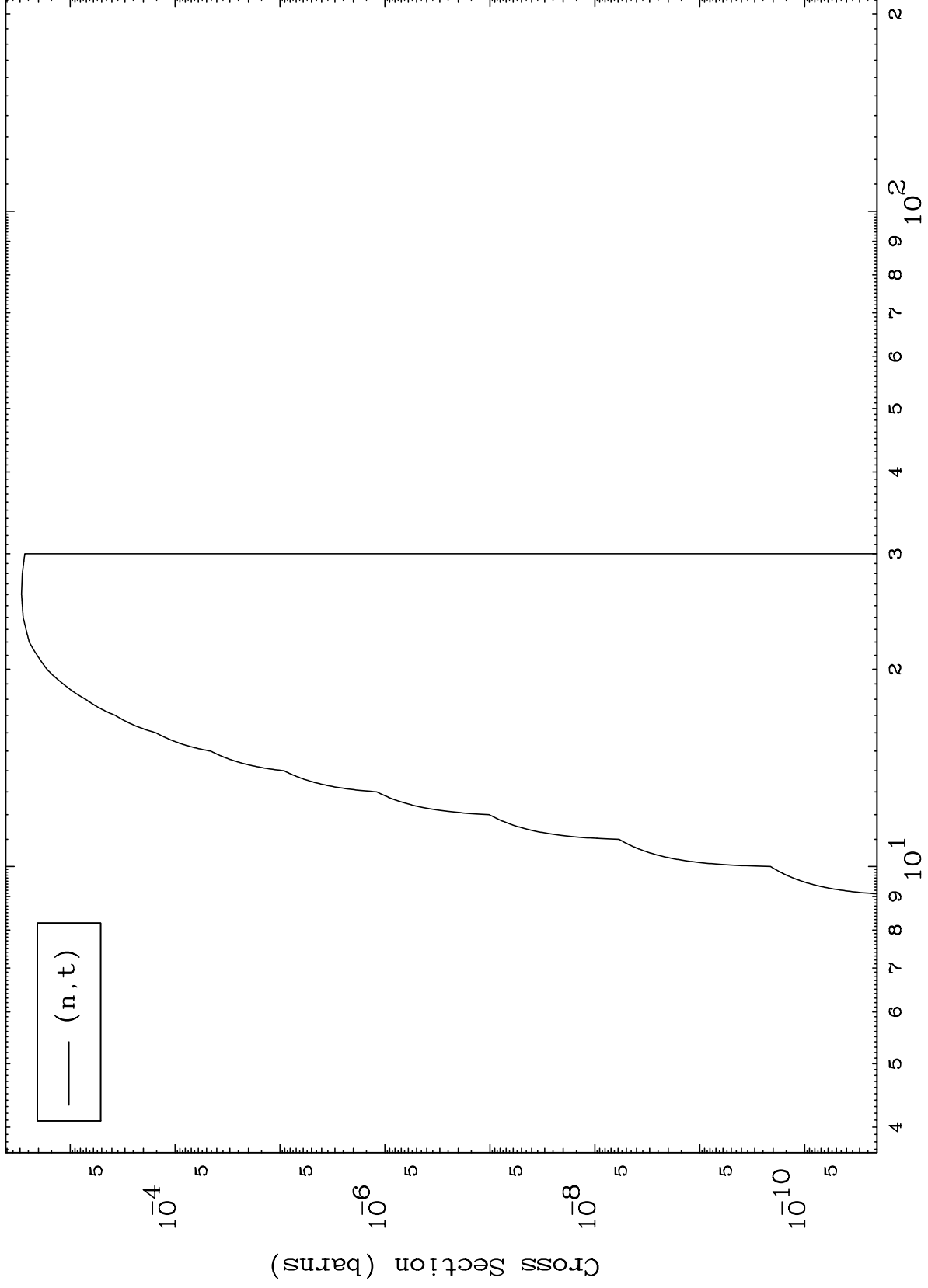
Incident Energy (MeV)

70-Yb-178

MAT 7055

(p, t) Levels
0 Kelvin Cross Sections

70-Yb-178



9

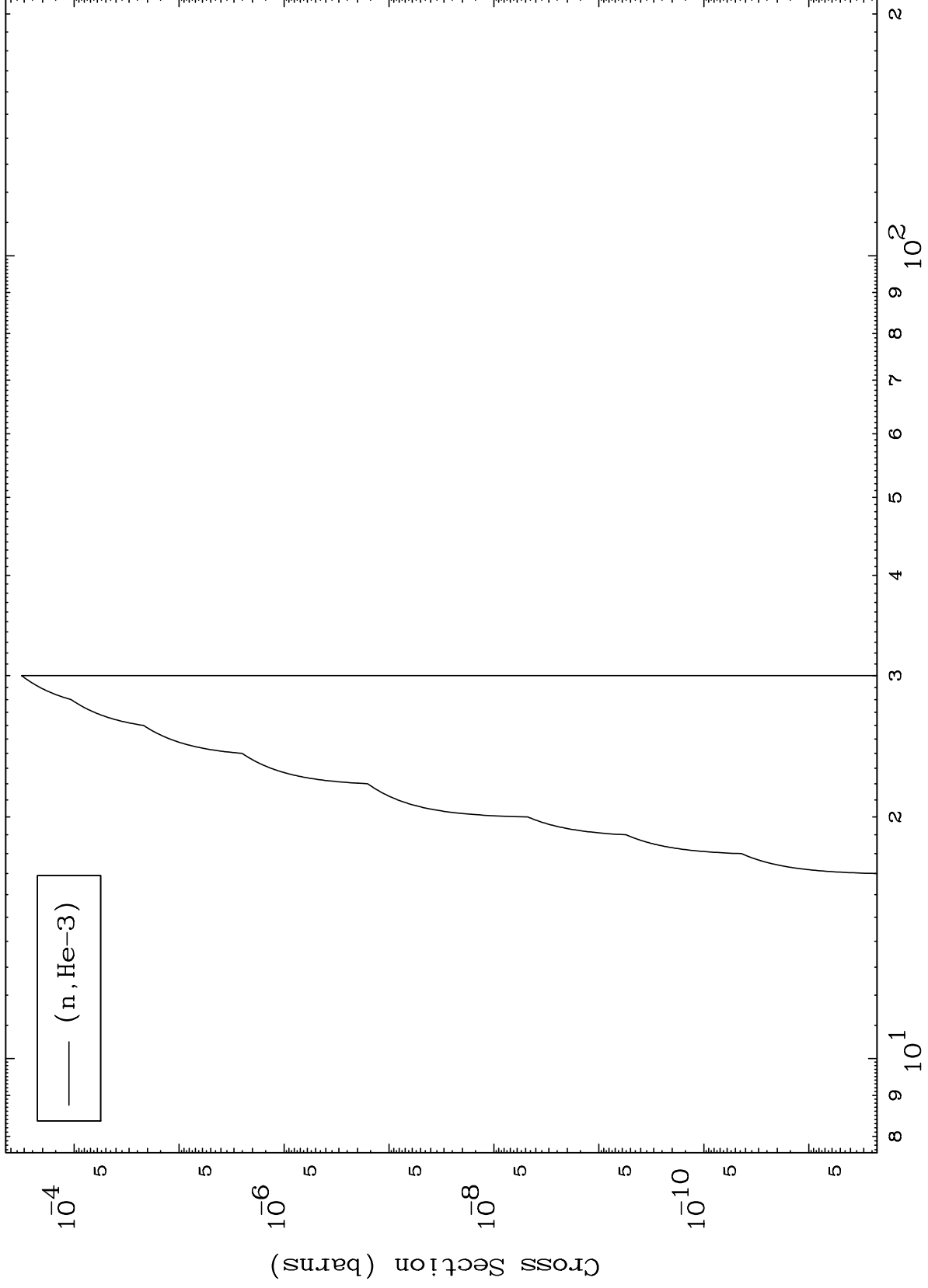
Incident Energy (MeV)

70-Yb-178

MAT 7055

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-178



10

Incident Energy (MeV)

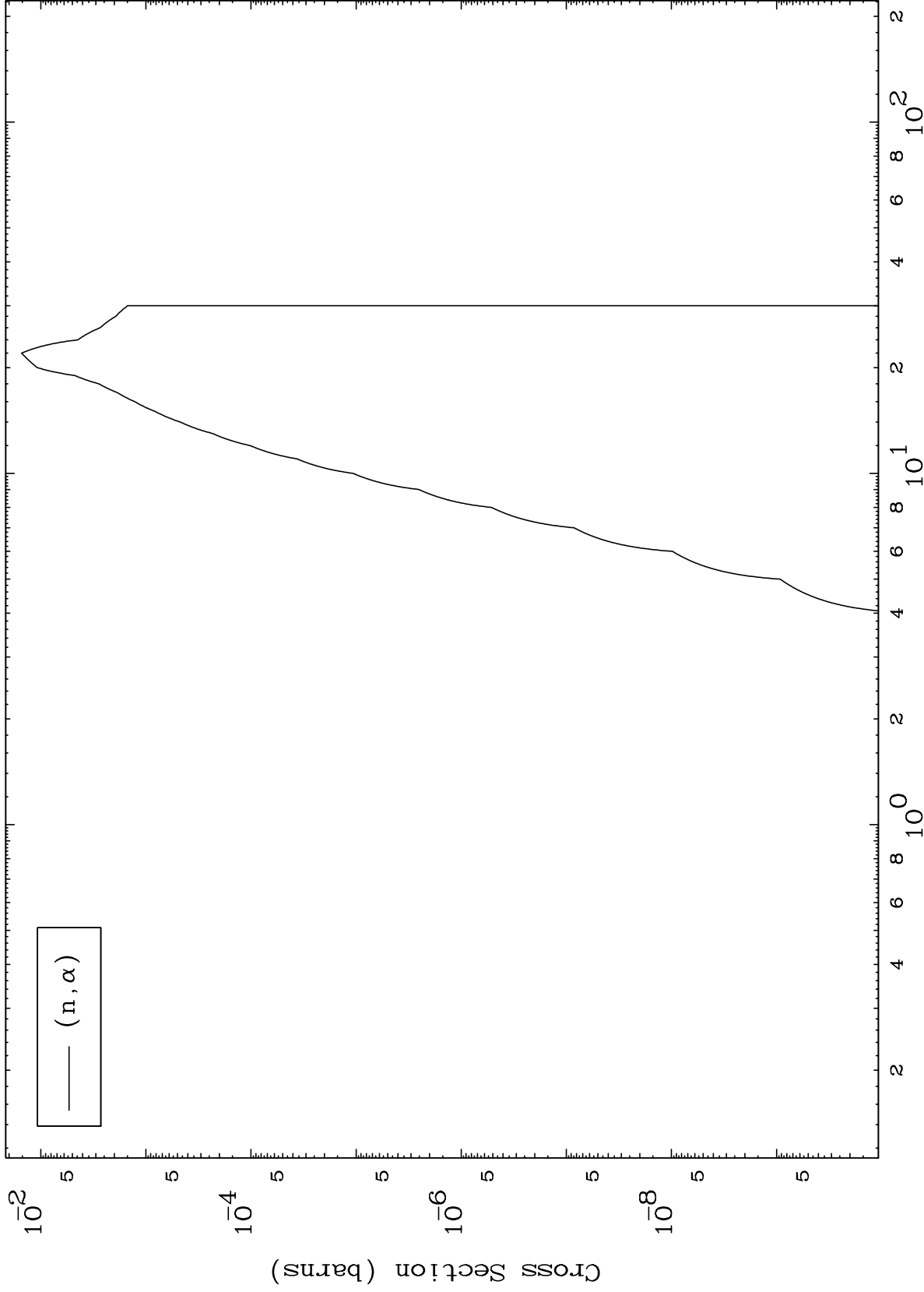
70-Yb-178

MAT 7055

(p, α) Levels

70-Yb-178

0 Kelvin Cross Sections



11

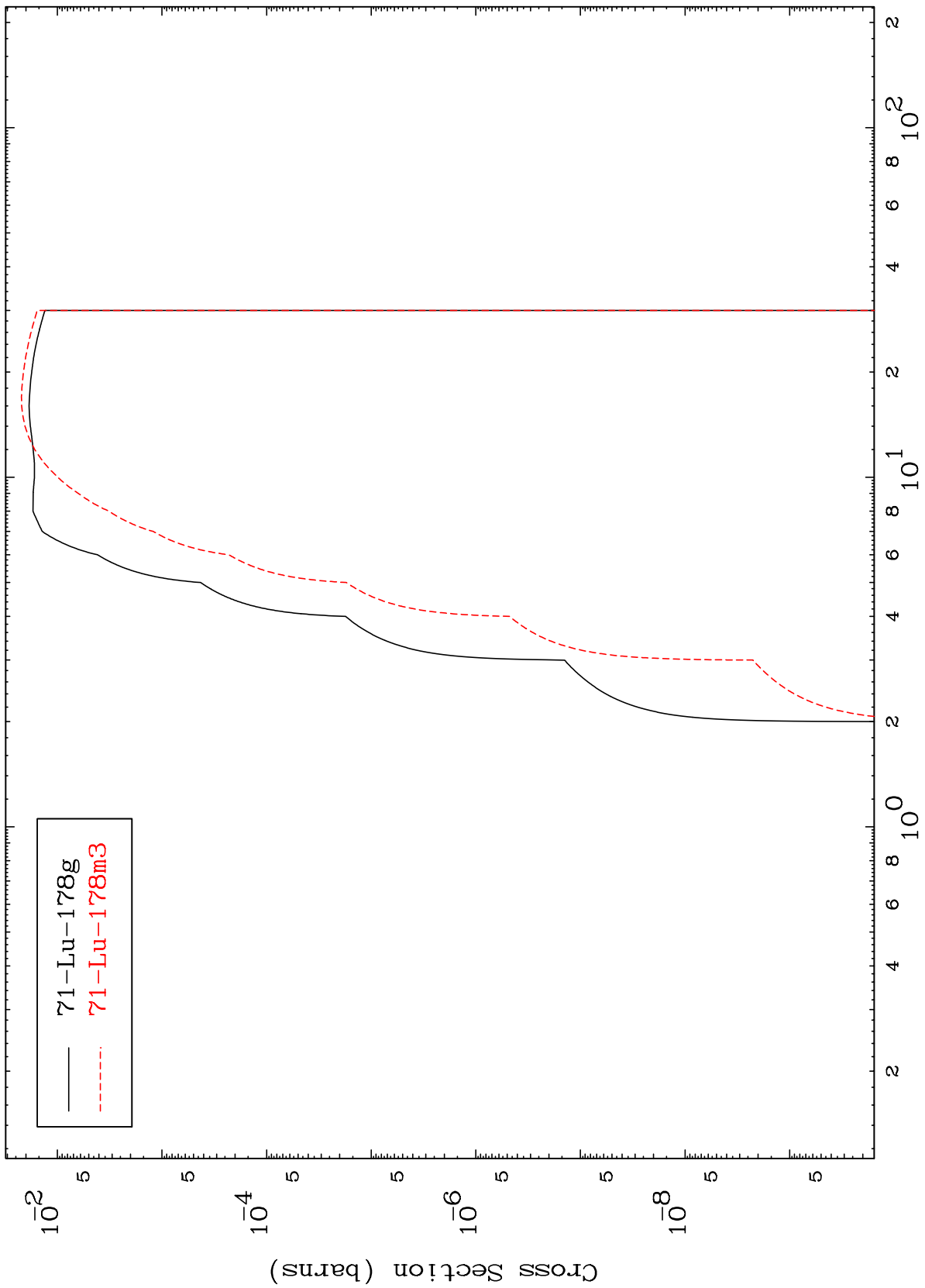
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

Inelastic
Radionuclide Production Cross Section



— 71-Lu-178g
- - - 71-Lu-178m3

70-Yb-178

Incident Energy (MeV)

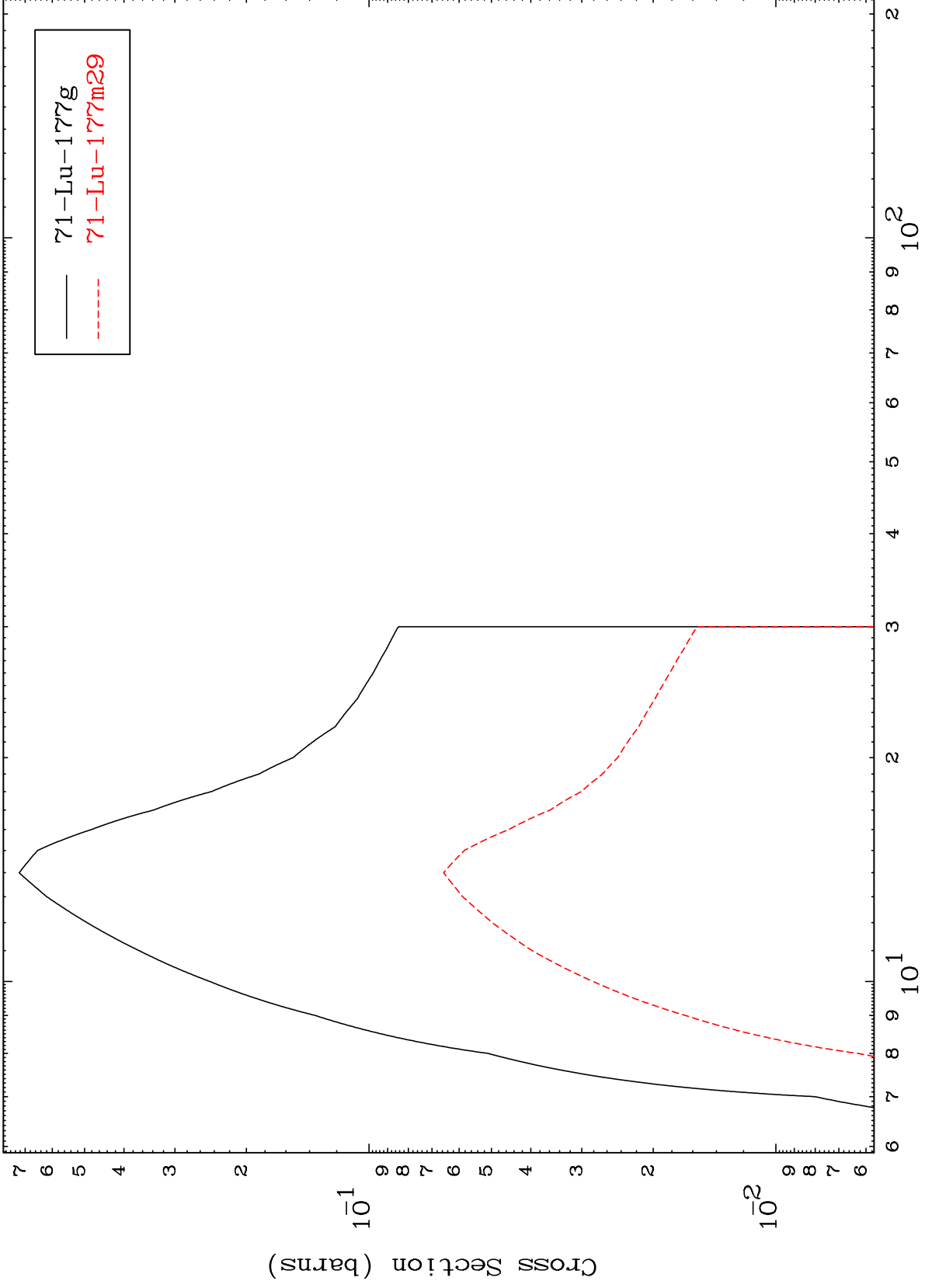
12

MAT 7055

(n,2n)

70-Yb-178

Radionuclide Production Cross Section



13

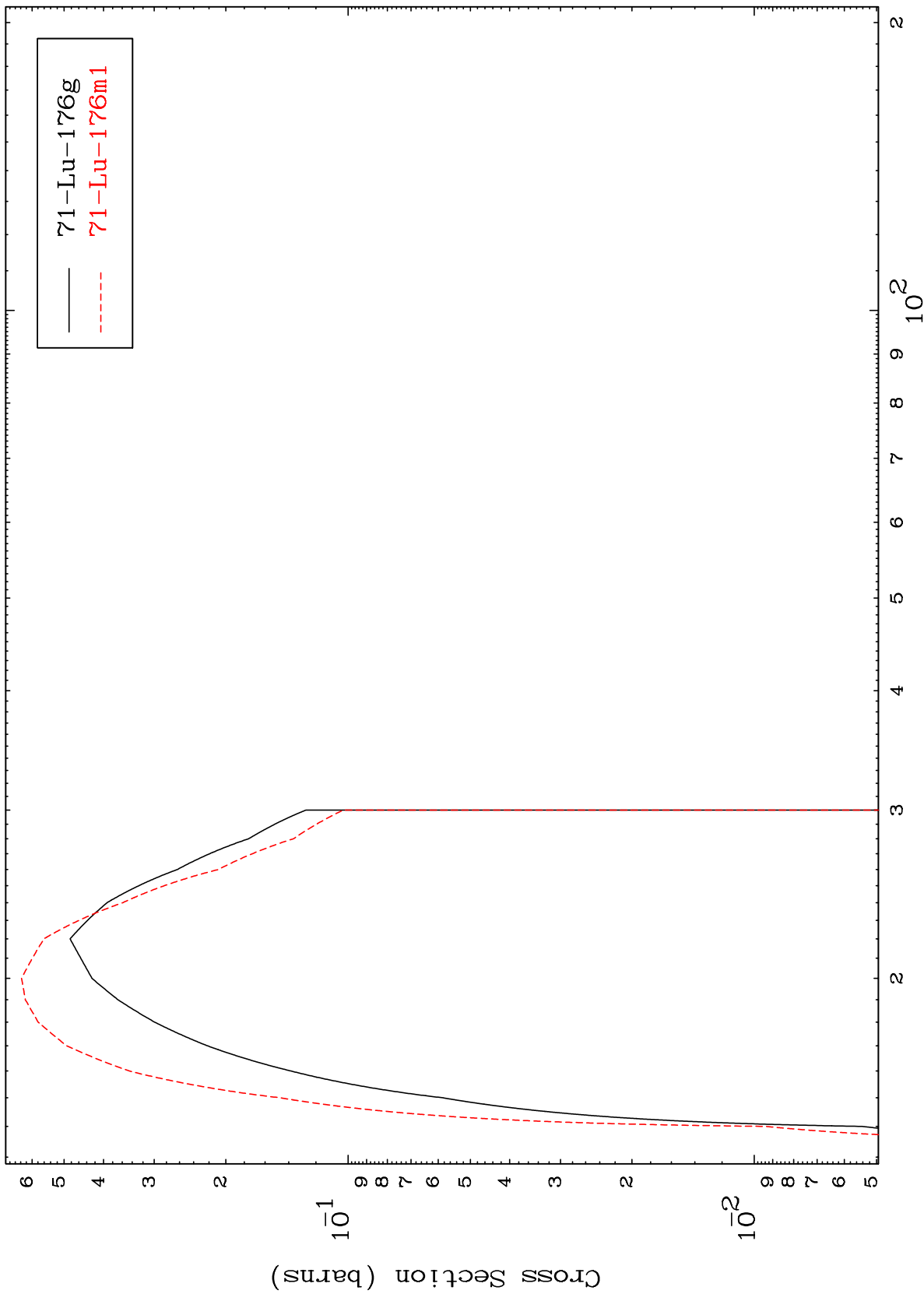
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

(n,3n)
Radionuclide Production Cross Section



14

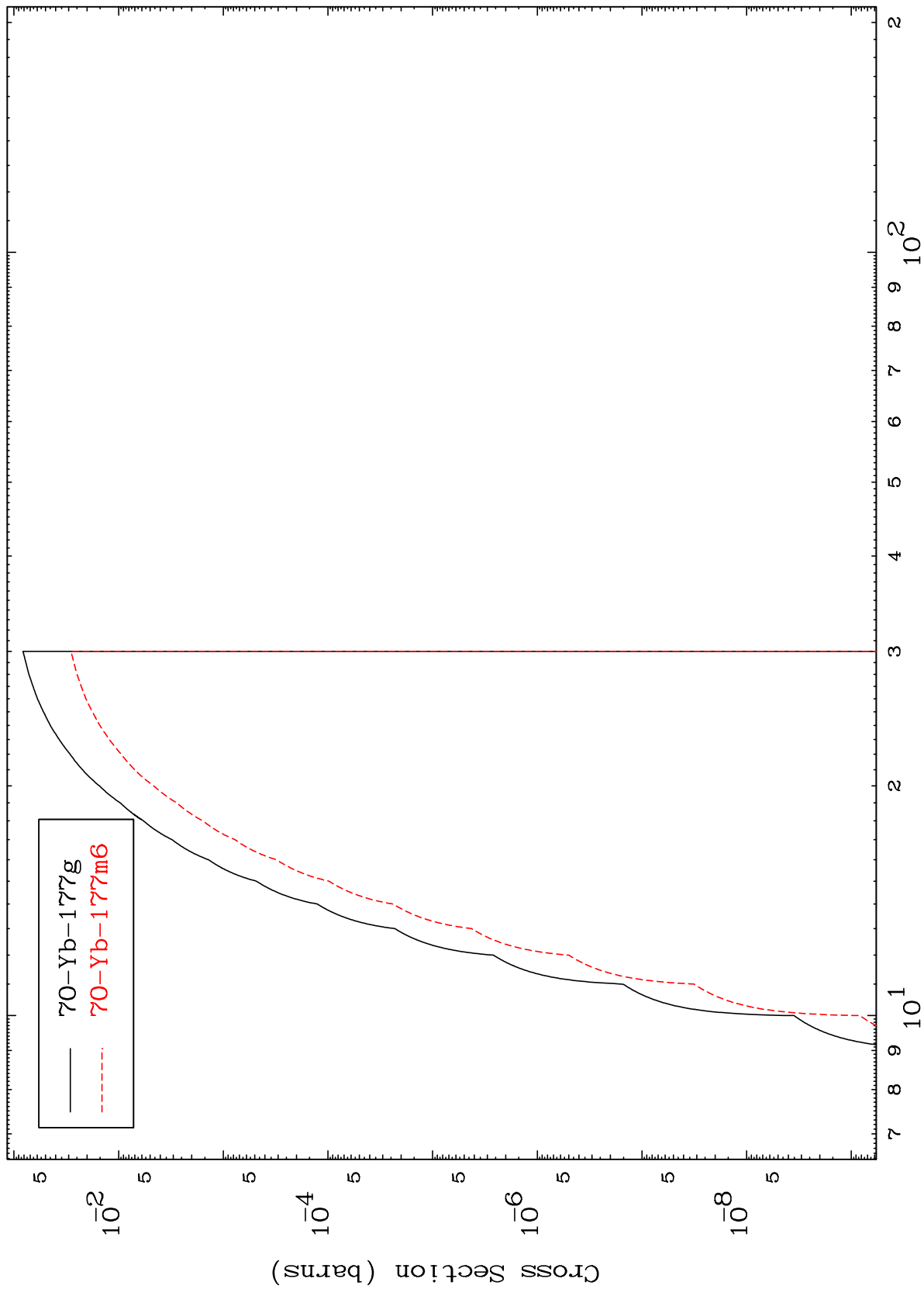
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

(n,n') p
Radionuclide Production Cross Section



70-Yb-178

Incident Energy (MeV)

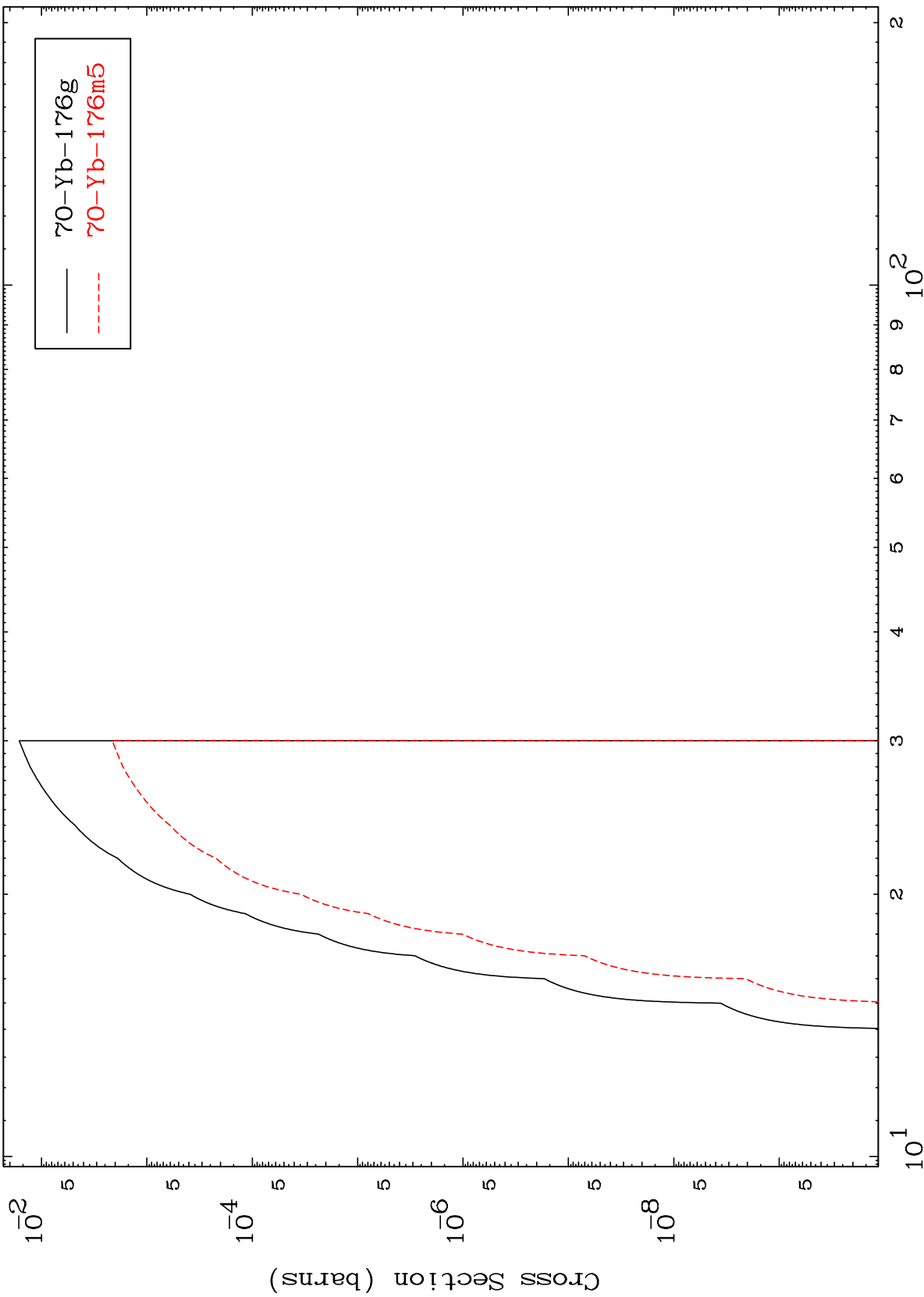
15

MAT 7055

(n,n') d

70-Yb-178

Radionuclide Production Cross Section



Incident Energy (MeV)

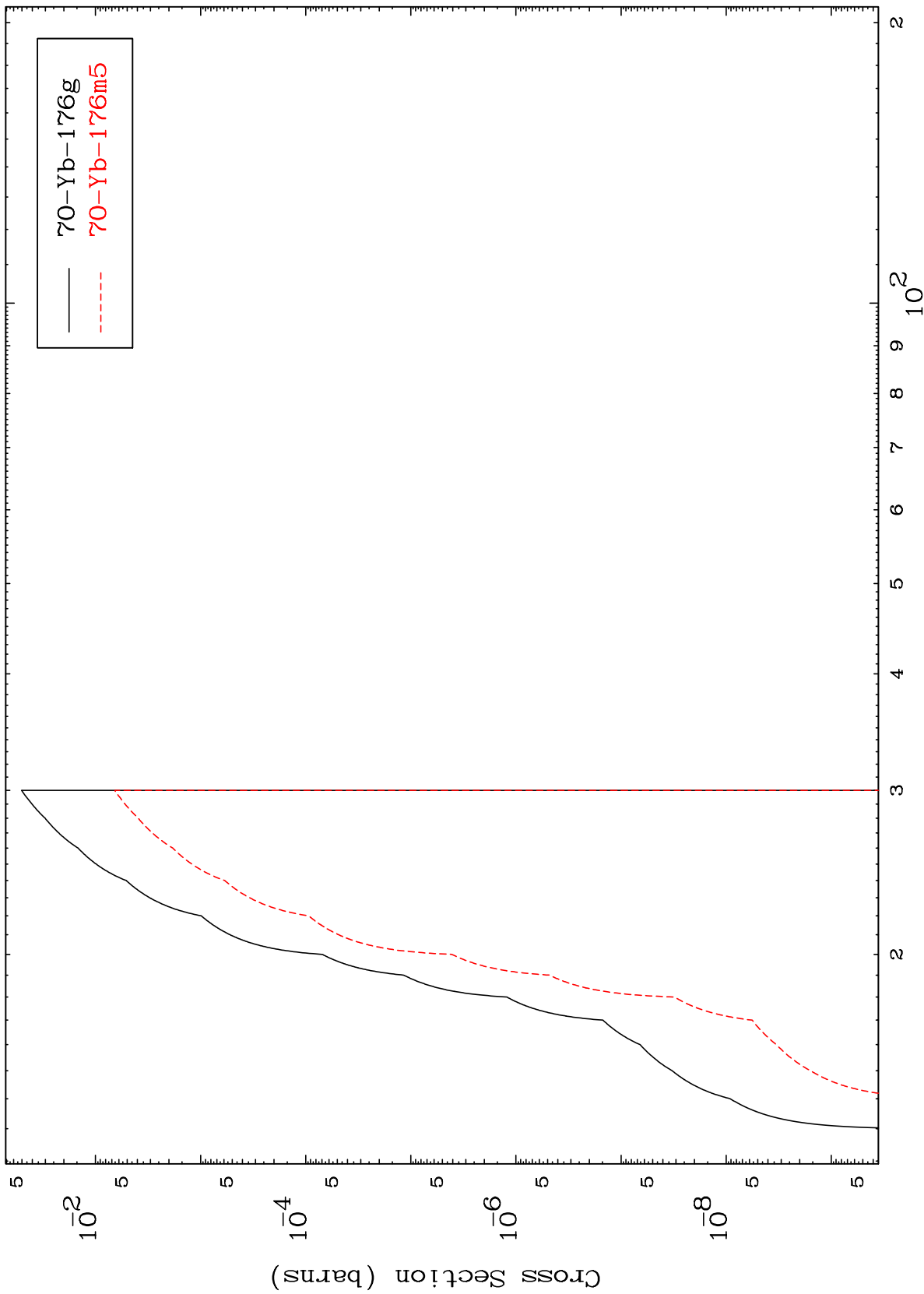
70-Yb-178

MAT 7055

(n,2n) p

70-Yb-178

Radionuclide Production Cross Section



17

Incident Energy (MeV)

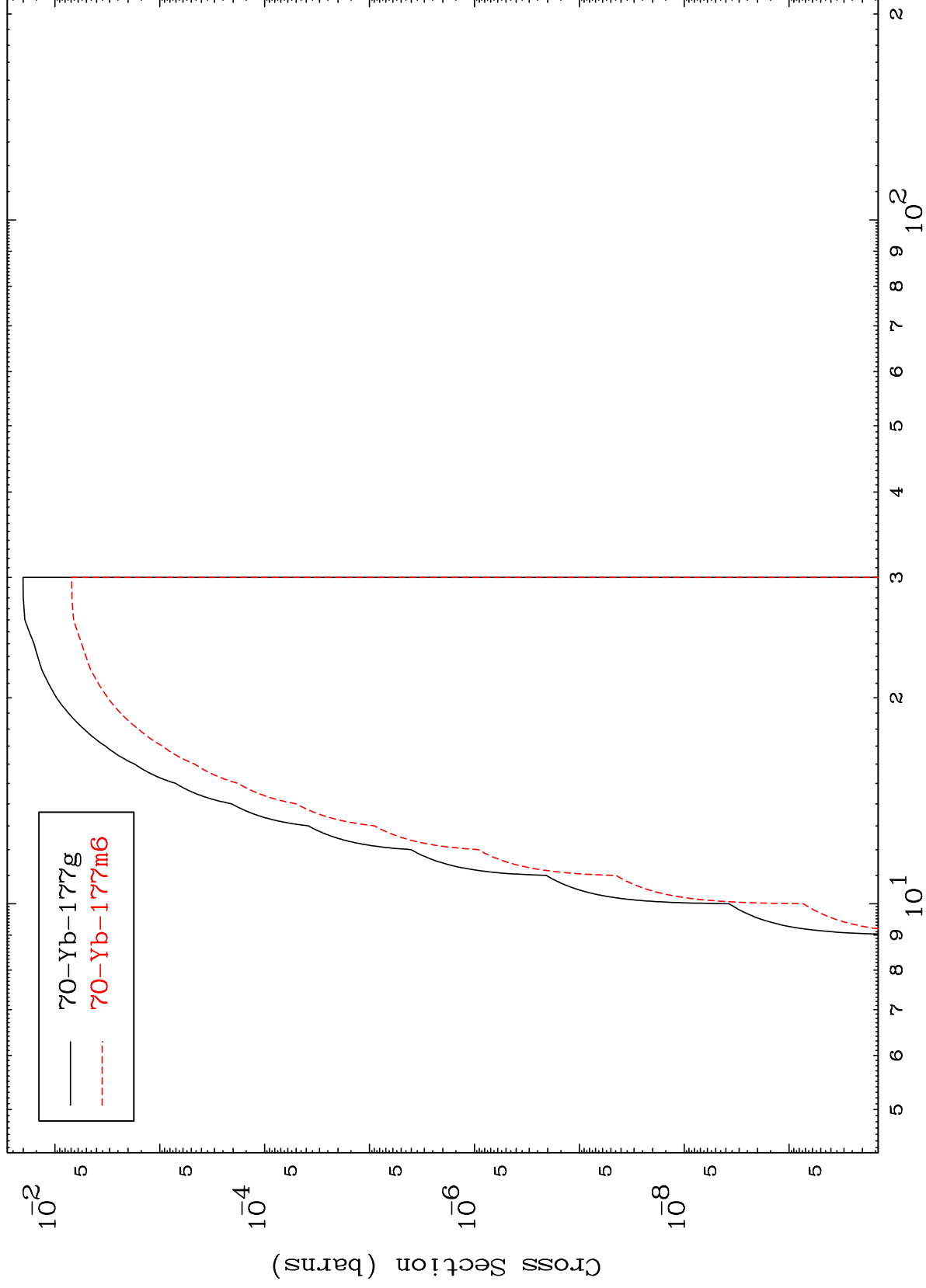
70-Yb-178

MAT 7055

(n,d)

⁷⁰Yb-178

Radionuclide Production Cross Section



18

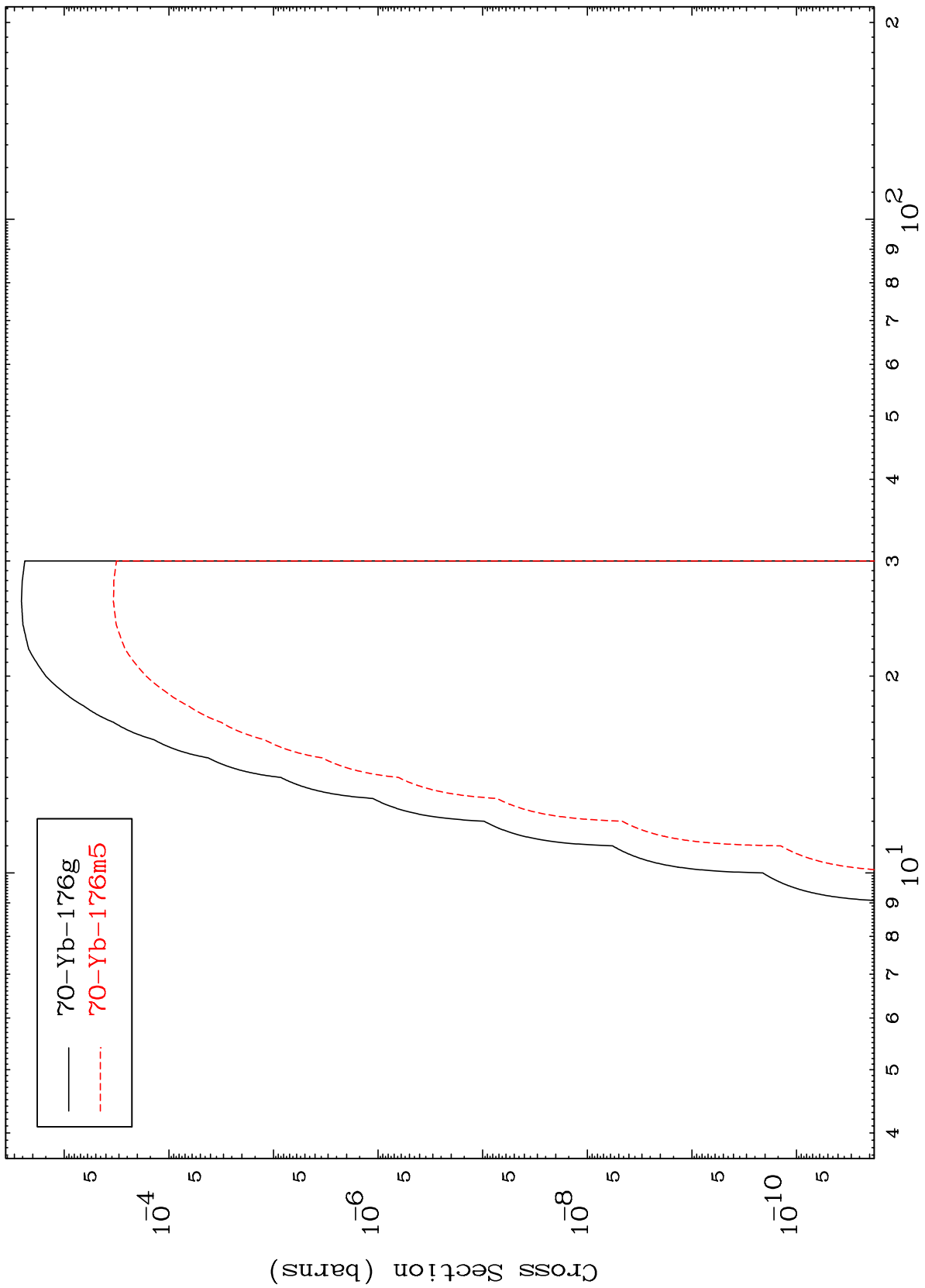
Incident Energy (MeV)

⁷⁰Yb-178

MAT 7055

70-Yb-178

Radionuclide Production Cross Section



19

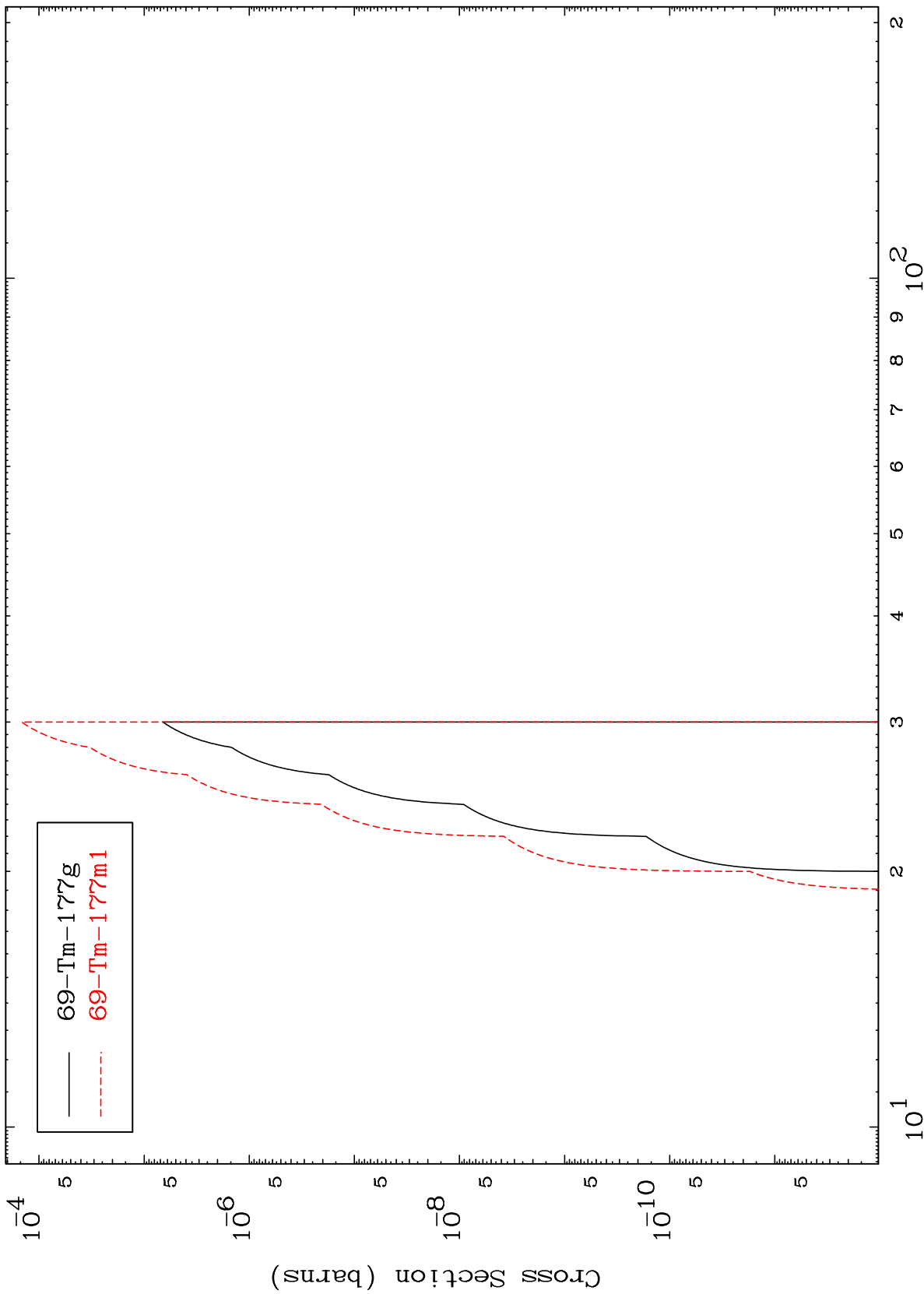
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

(n,2p)
Radionuclide Production Cross Section



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

Incident Energy (MeV)

70-Yb-178