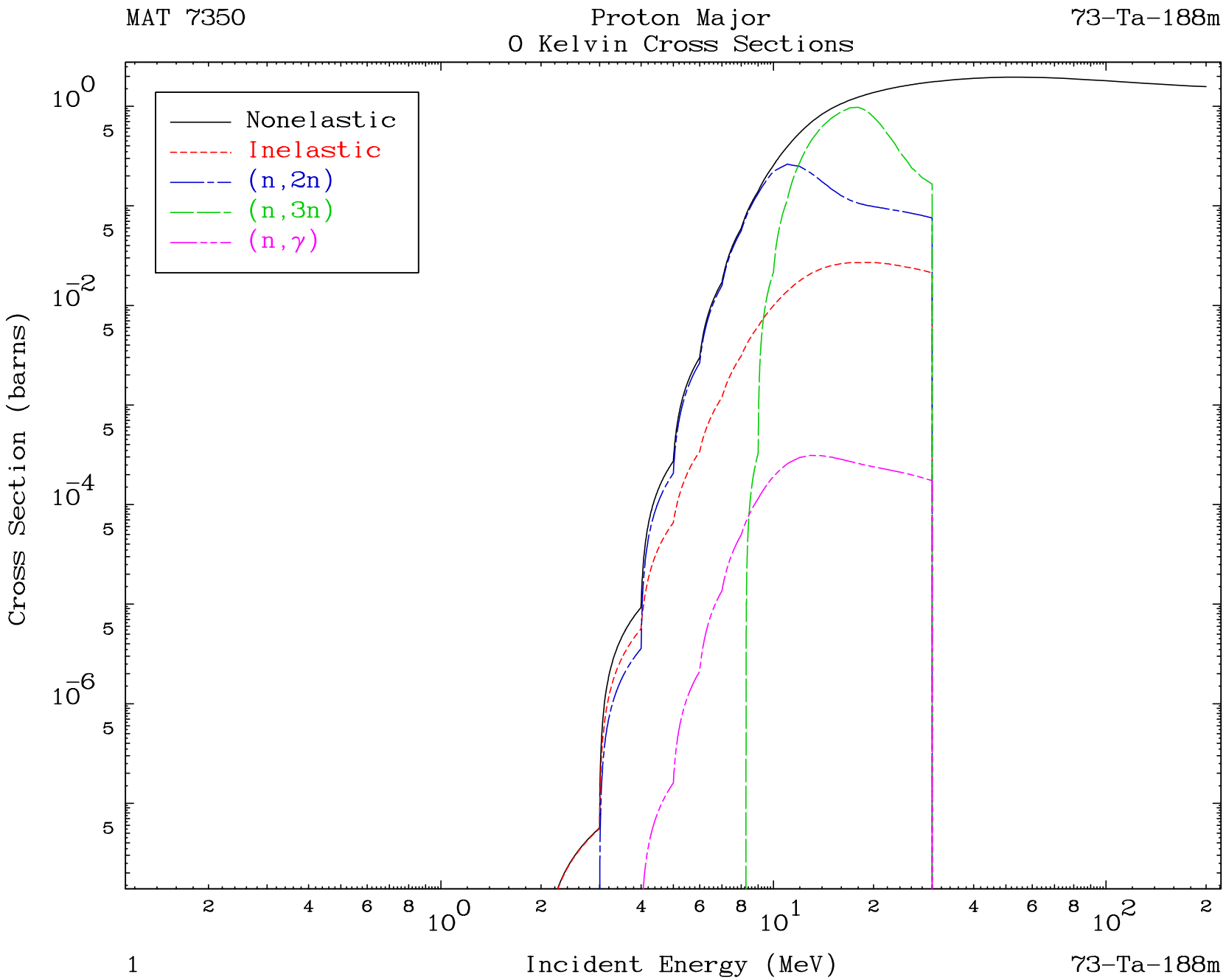
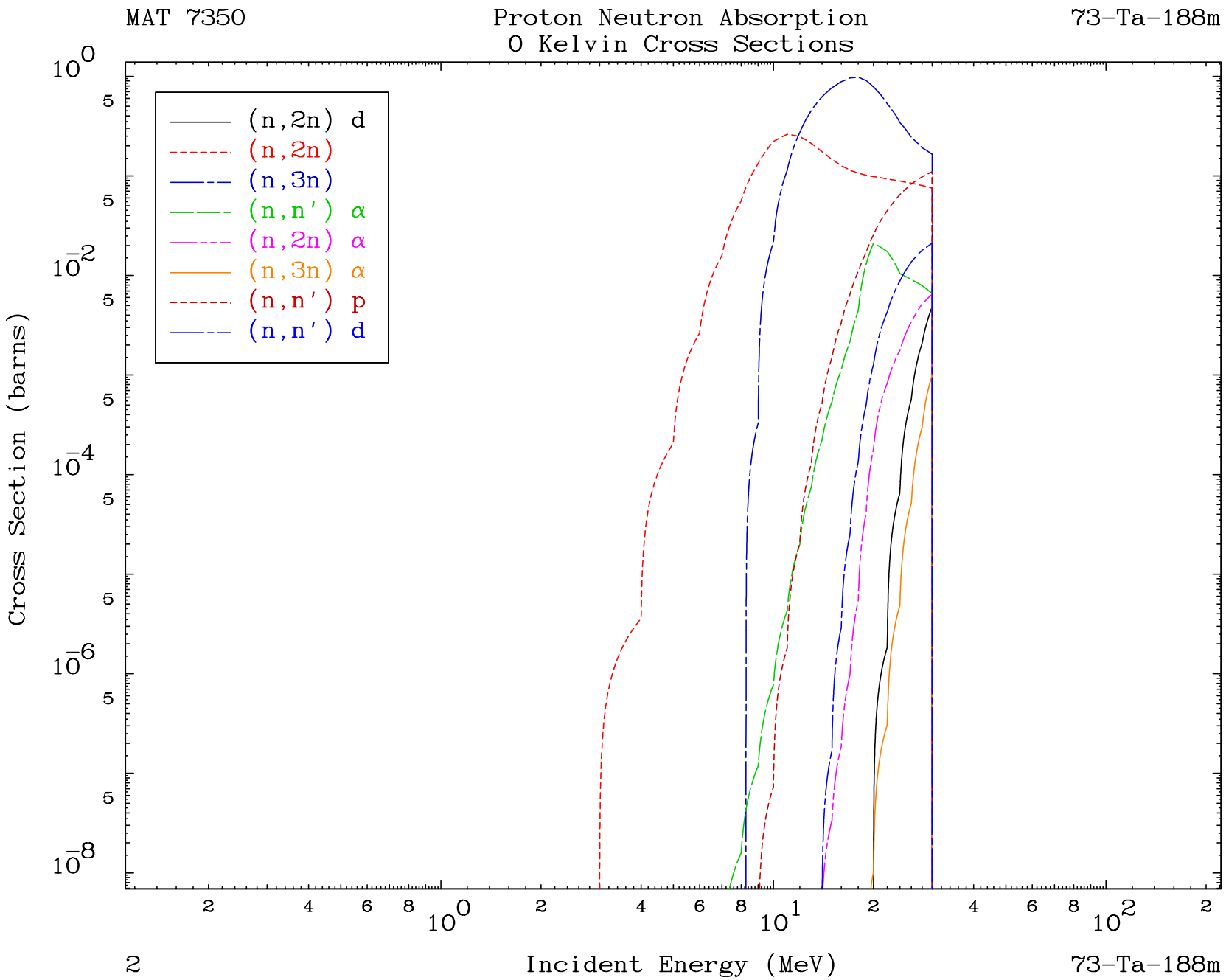
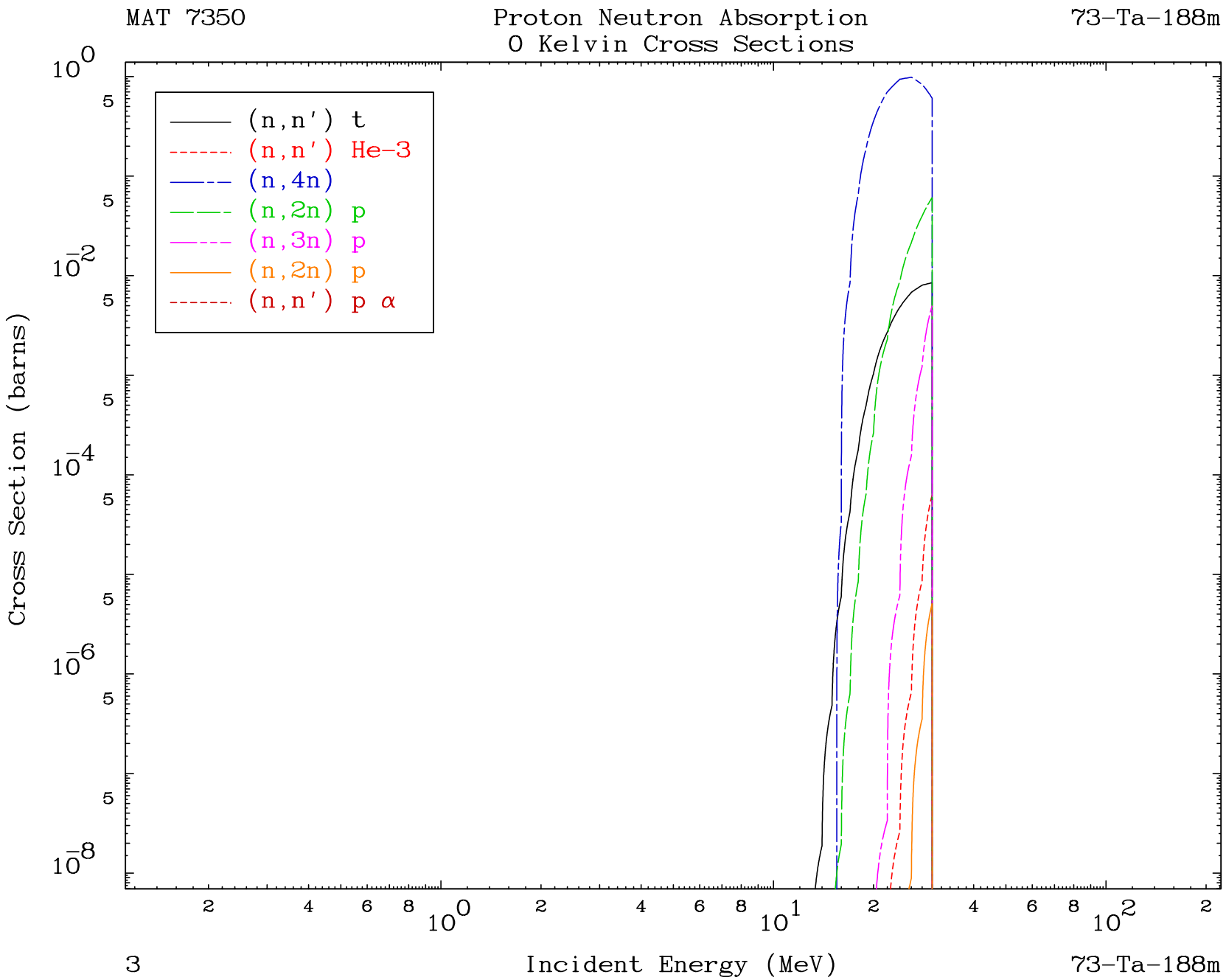
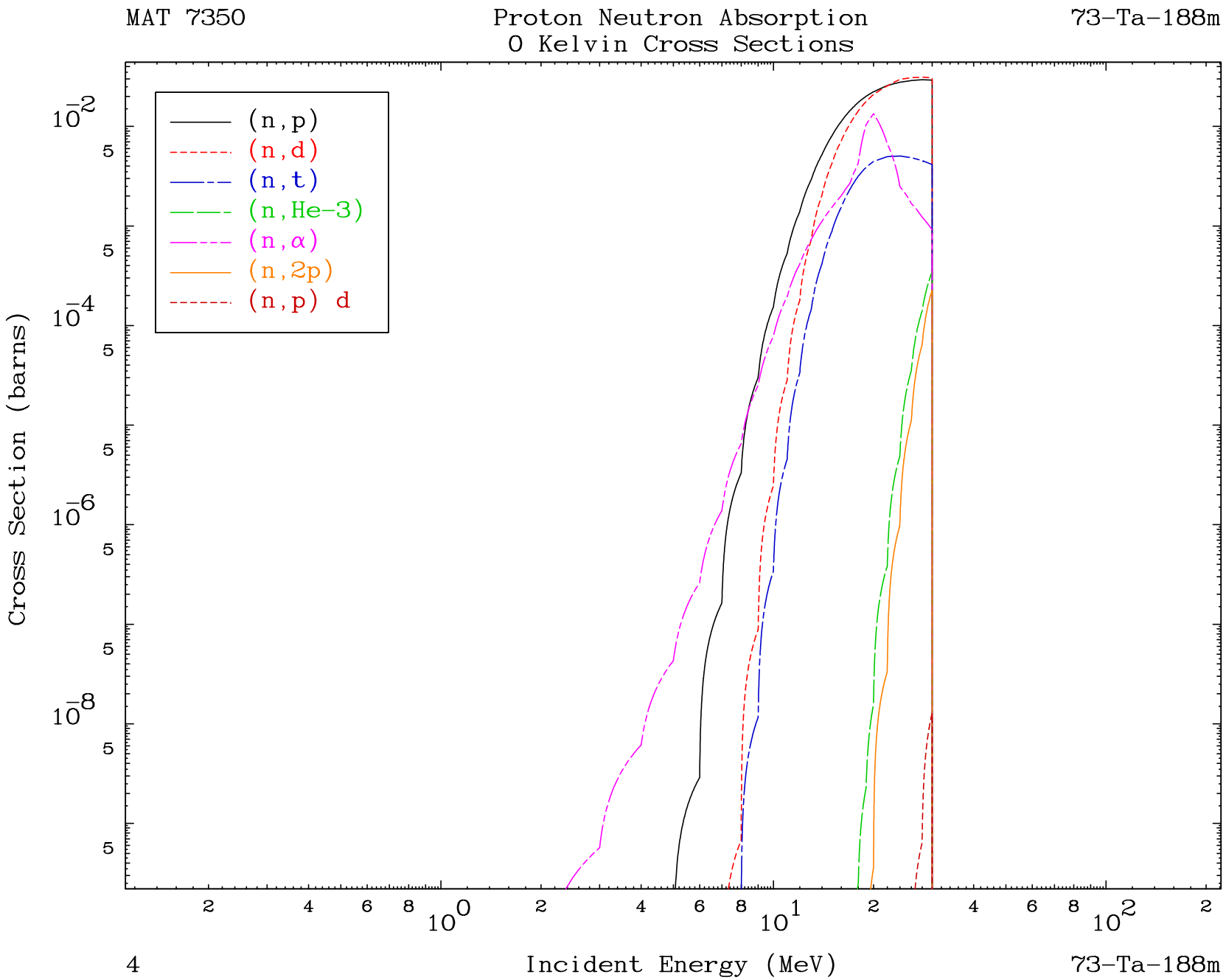
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

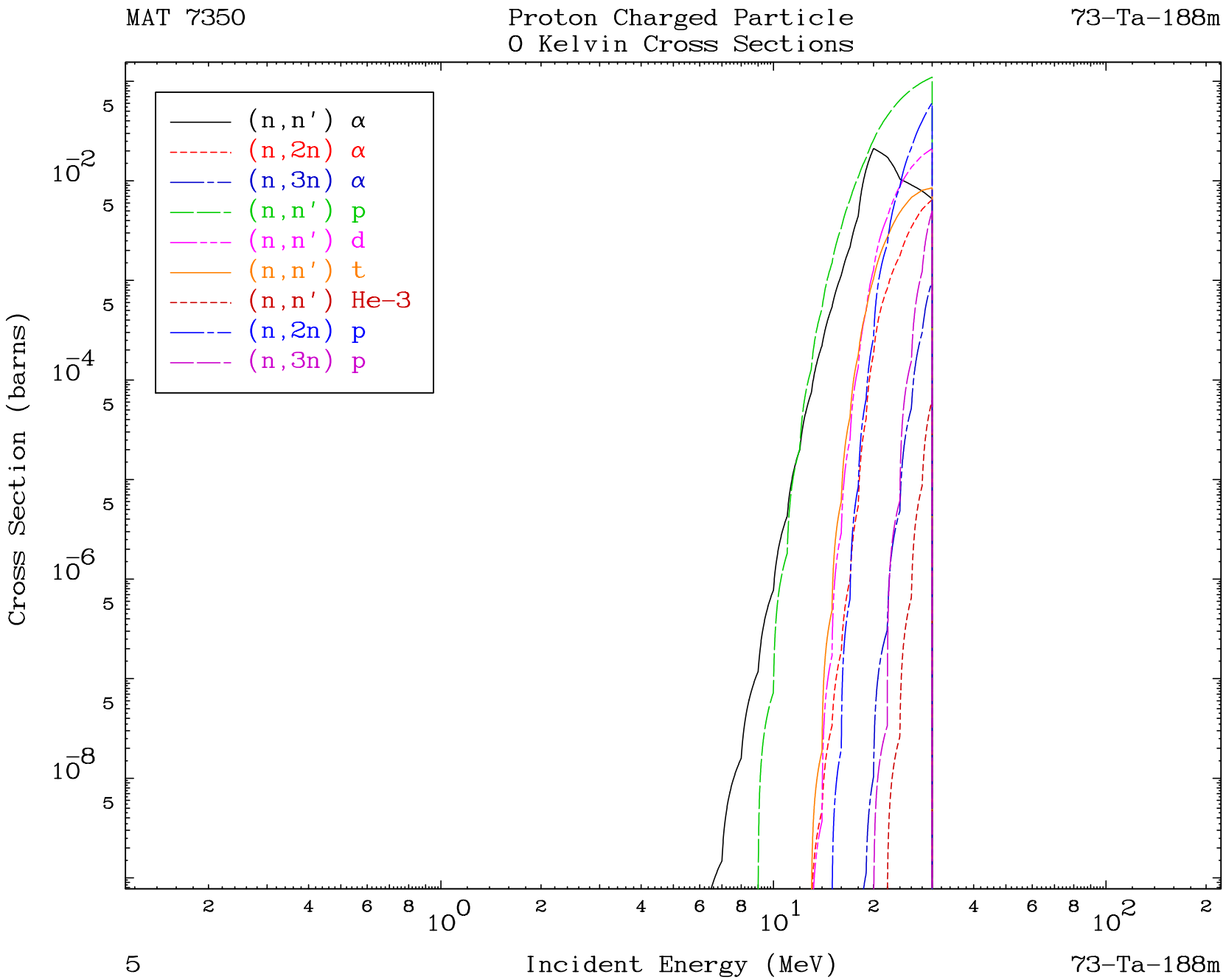
Press Mouse Button to Start

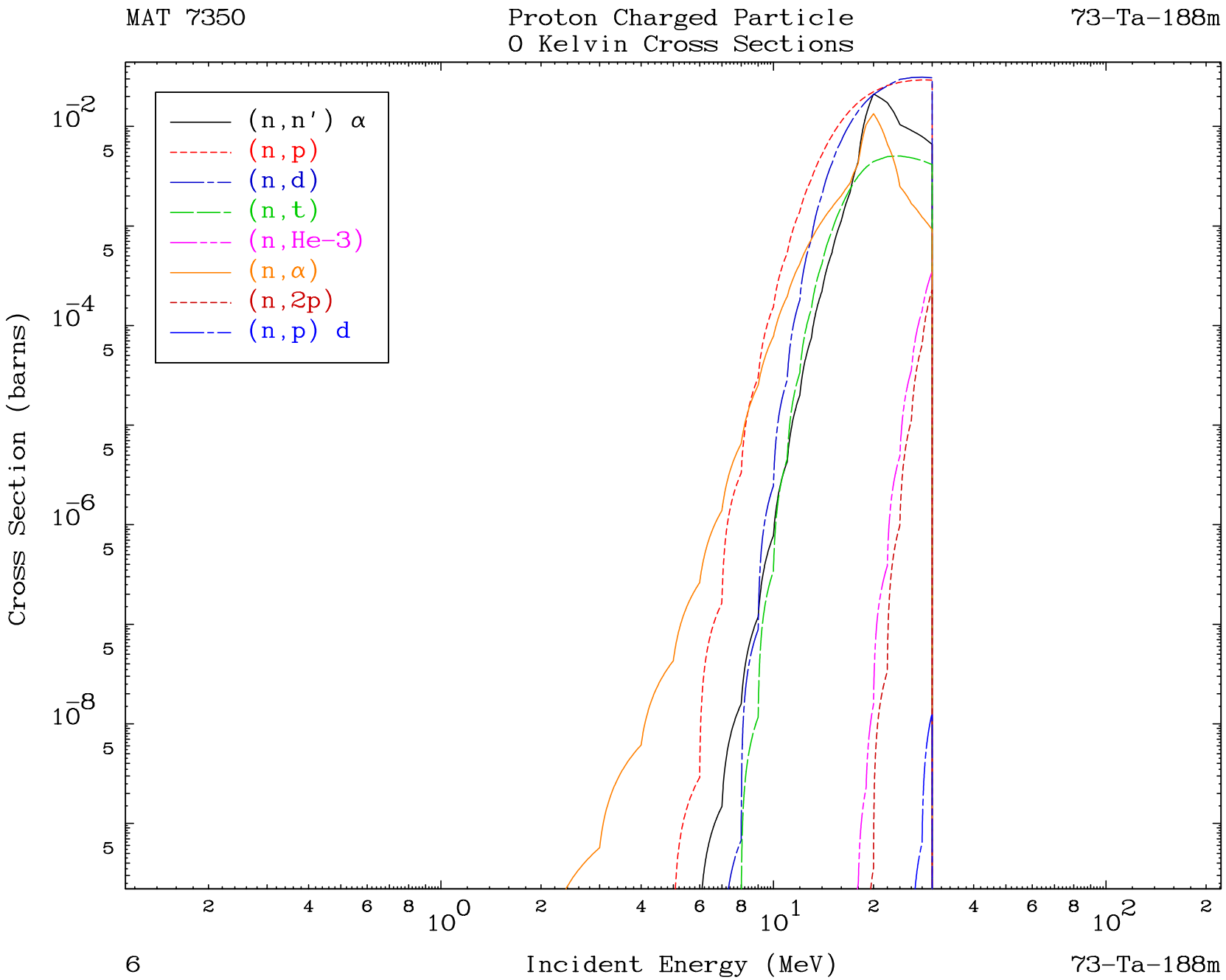

MAT 7350
Proton Major
73-Ta-188m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188m
1

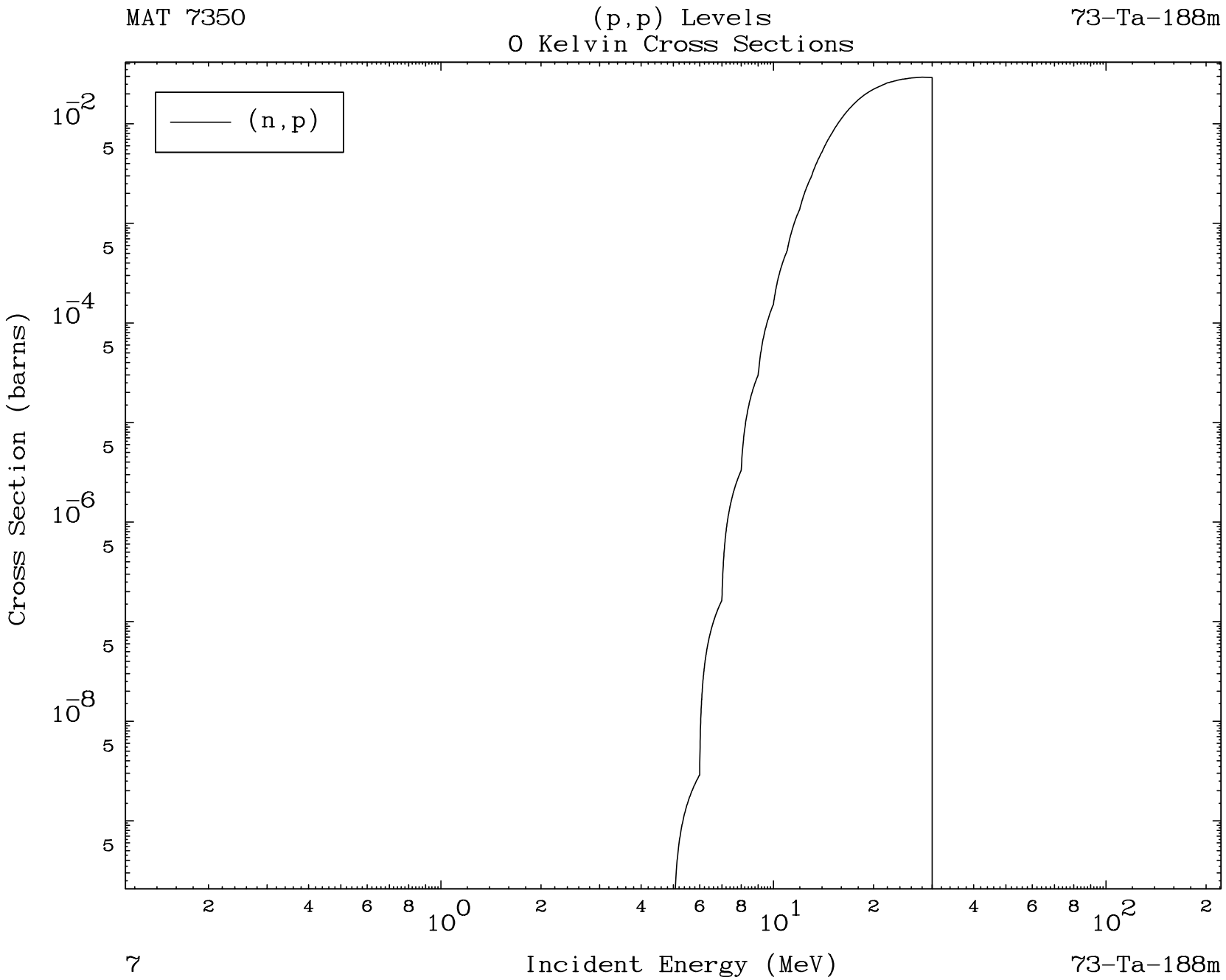

MAT 7350
Proton Neutron Absorption
0 Kelvin Cross Sections
73-Ta-188m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188m
2

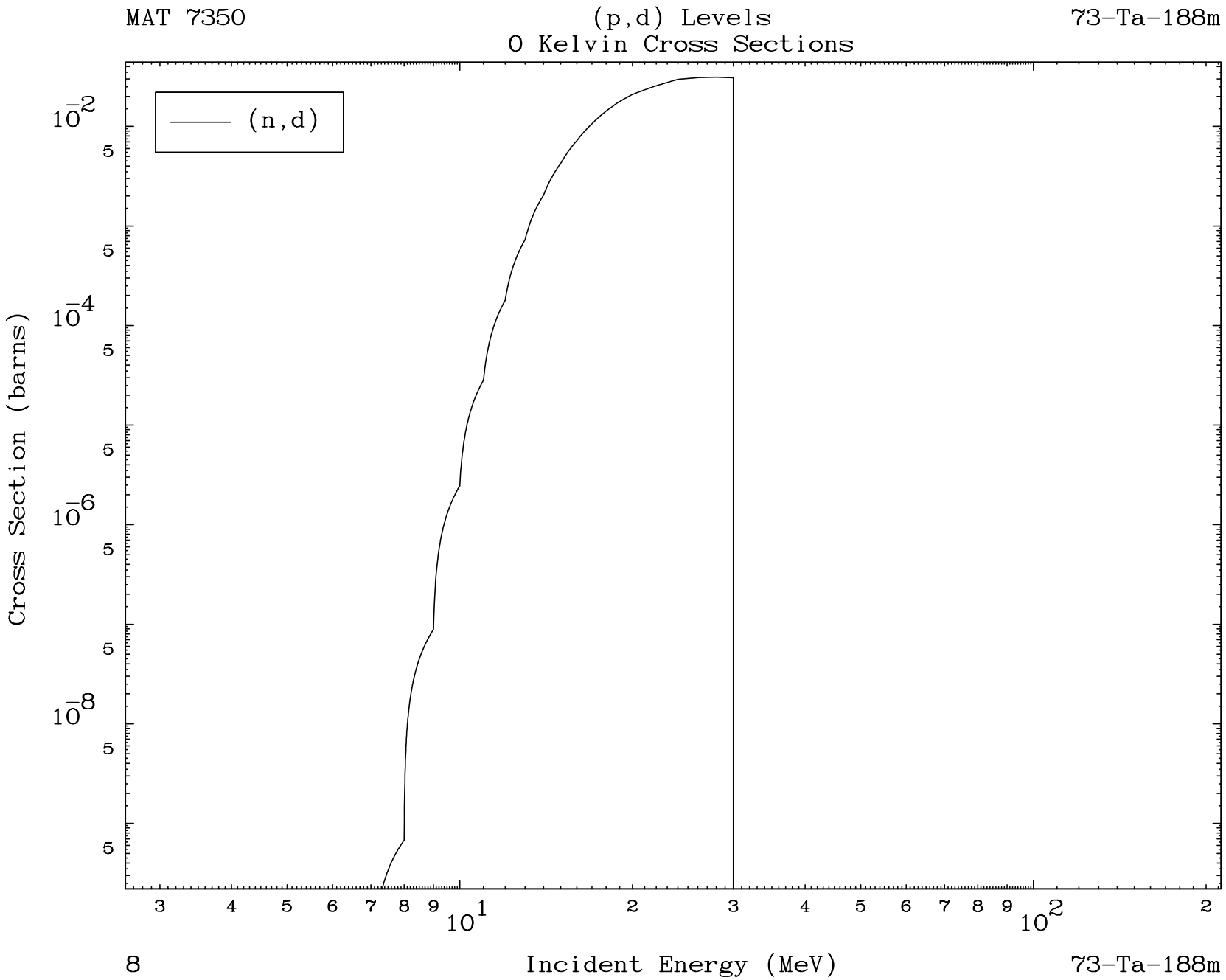

MAT 7350
Proton Neutron Absorption
0 Kelvin Cross Sections
73-Ta-188m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-188m

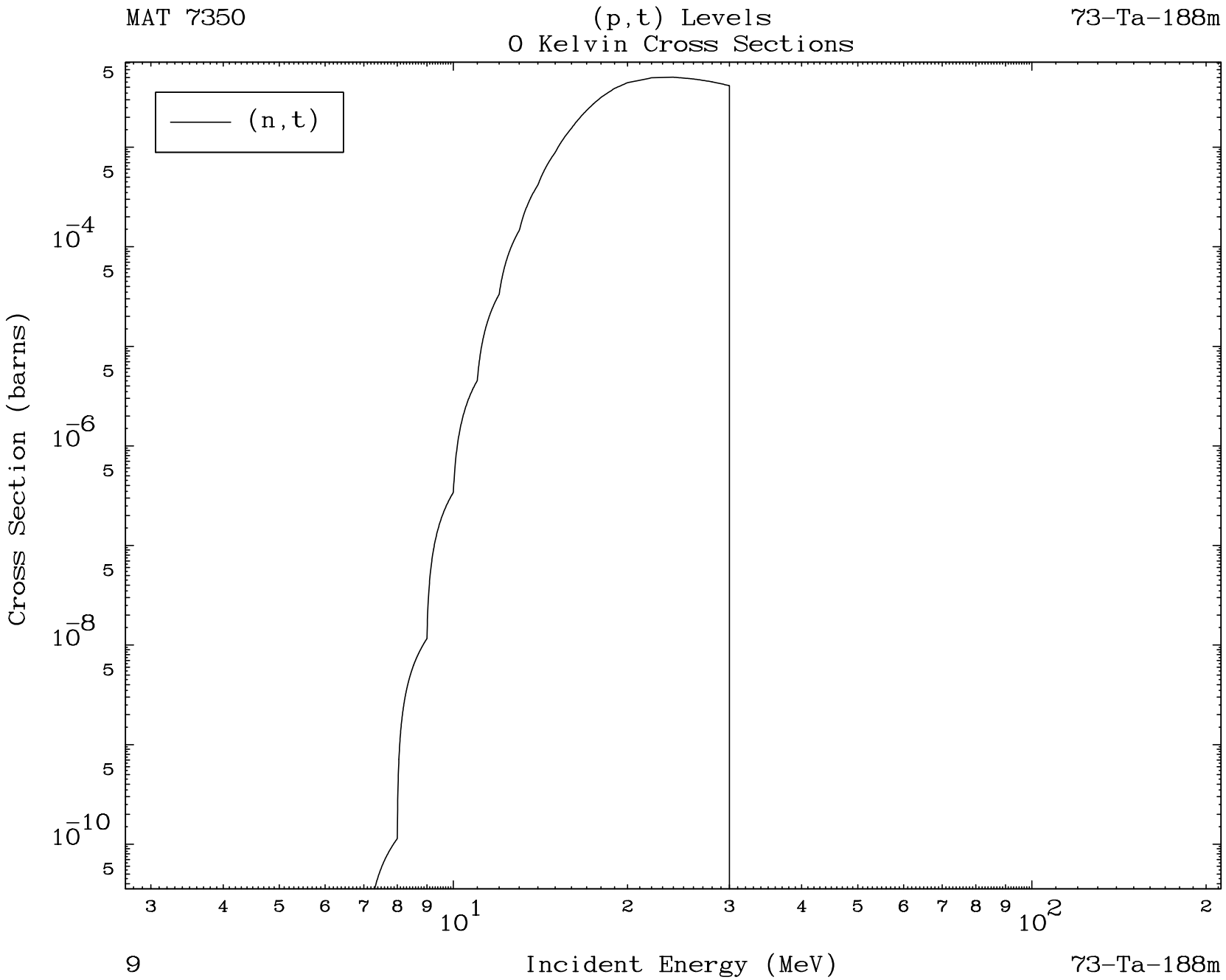

MAT 7350
Proton Neutron Absorption
0 Kelvin Cross Sections
73-Ta-188m
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-188m


MAT 7350
Proton Charged Particle
0 Kelvin Cross Sections
73-Ta-188m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188m


MAT 7350
Proton Charged Particle
0 Kelvin Cross Sections
73-Ta-188m
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
6
73-Ta-188m

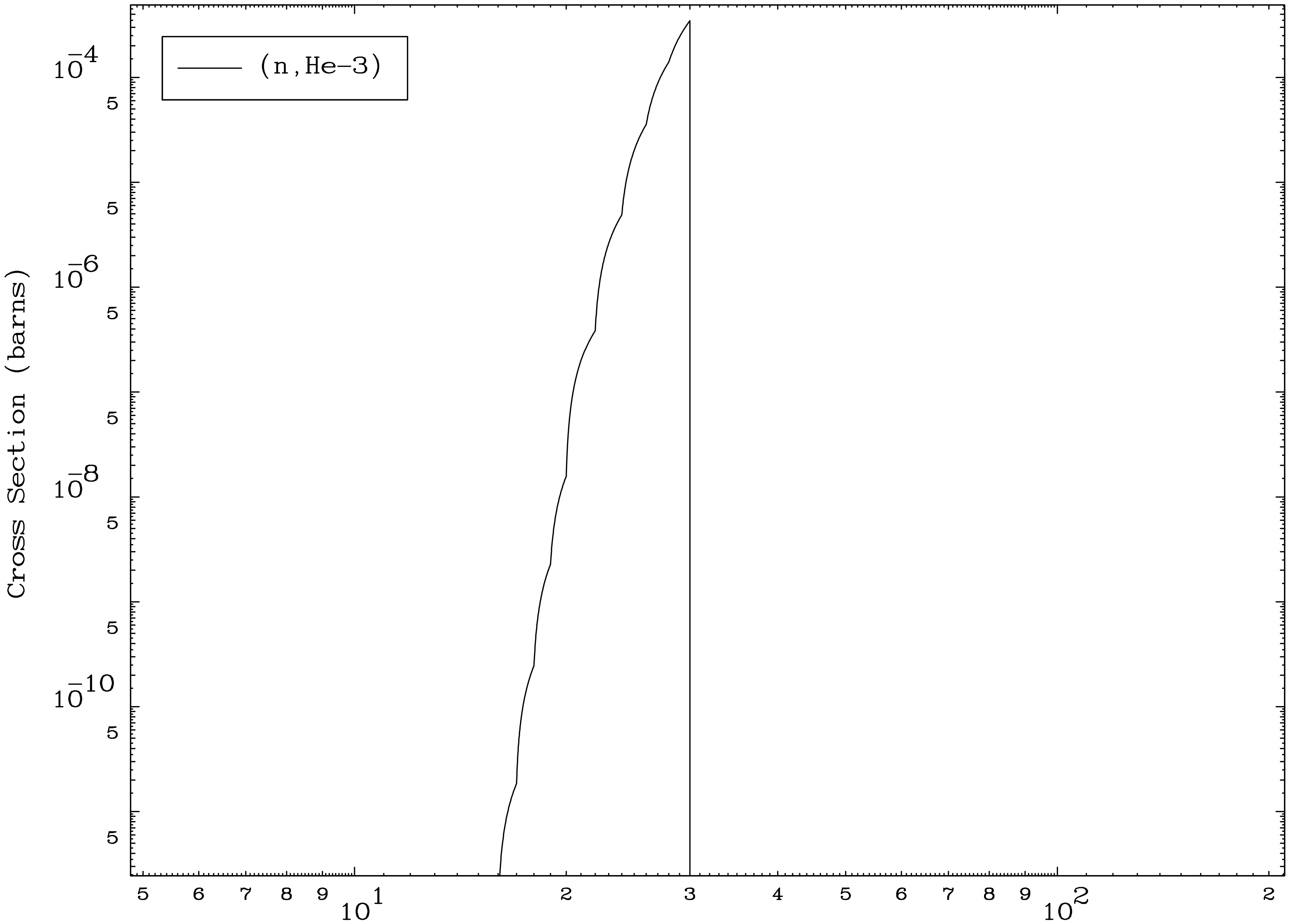

MAT 7350
(p,p) Levels
73-Ta-188m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
73-Ta-188m


MAT 7350
(p,d) Levels
73-Ta-188m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
8
73-Ta-188m

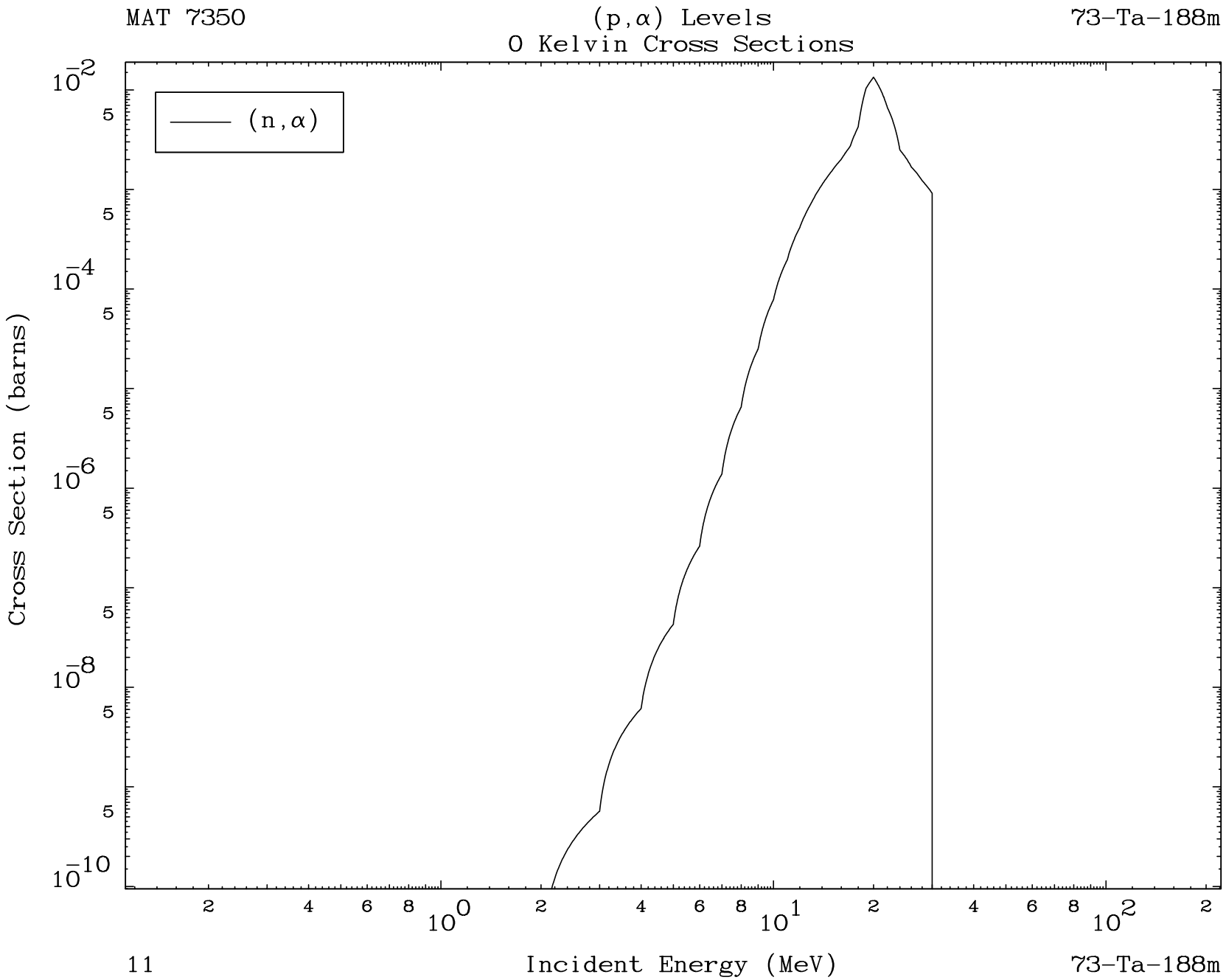

MAT 7350
(p,t) Levels
73-Ta-188m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188m
9

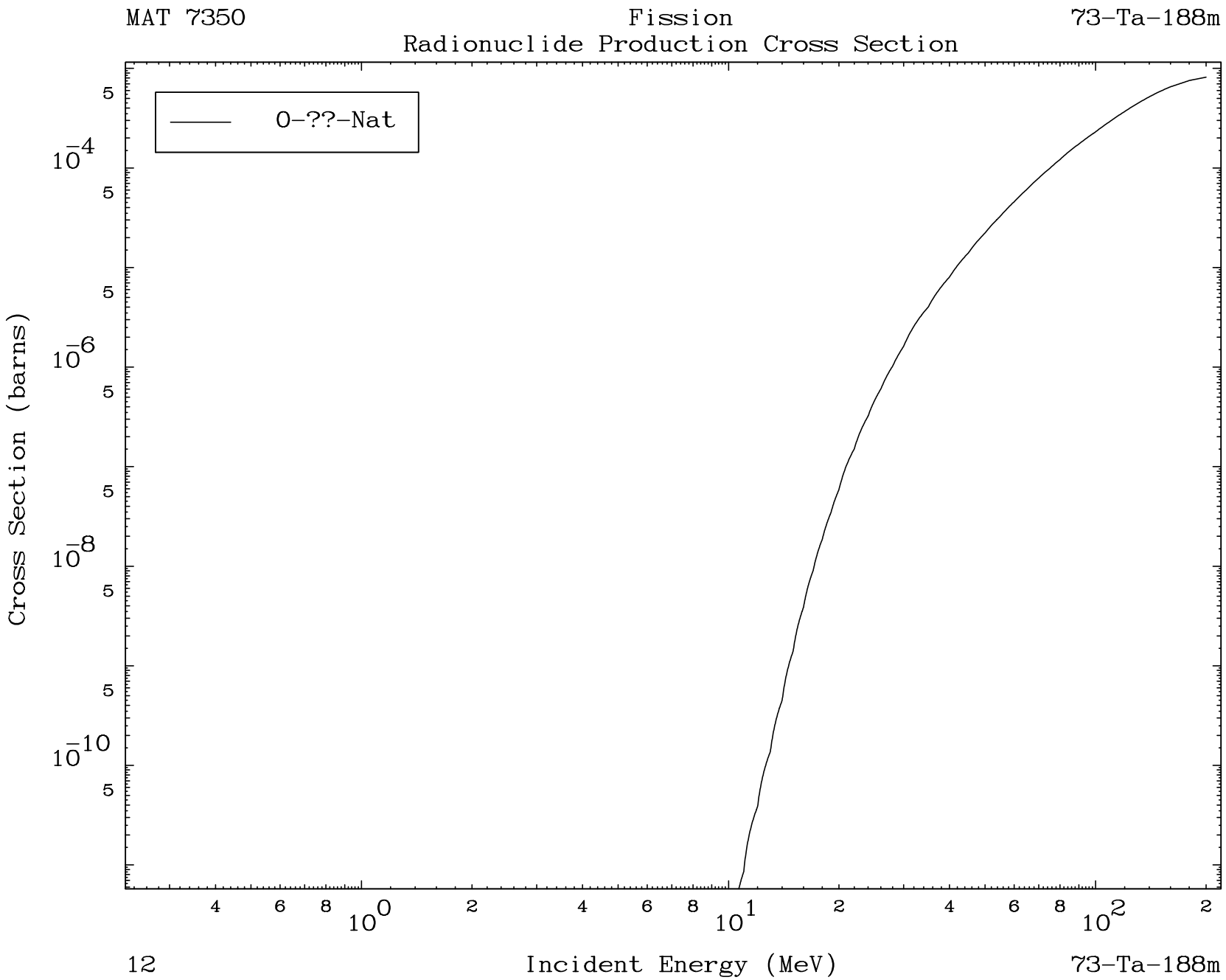
MAT 7350 (p,He3) Levels 73-Ta-188m

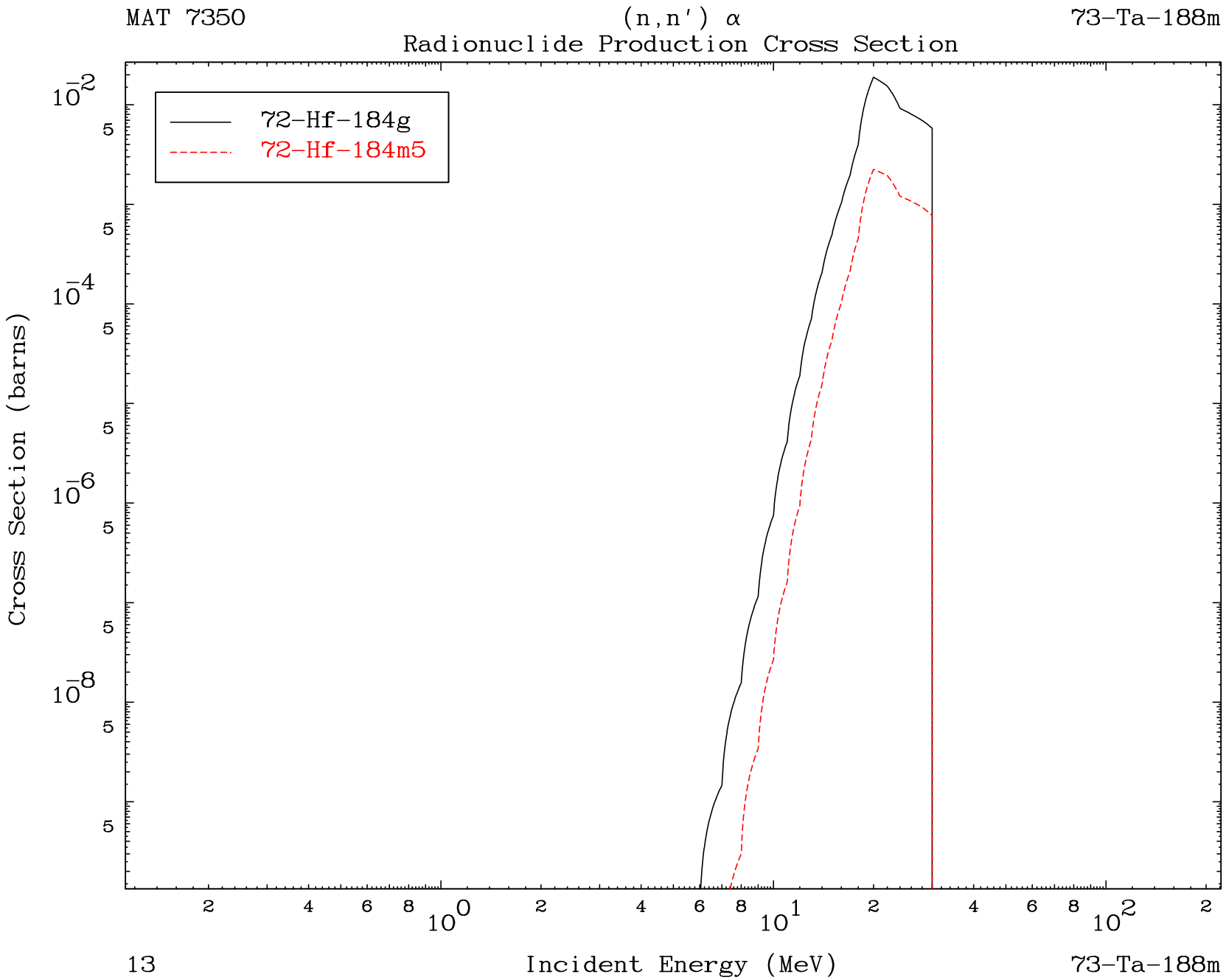
0 Kelvin Cross Sections

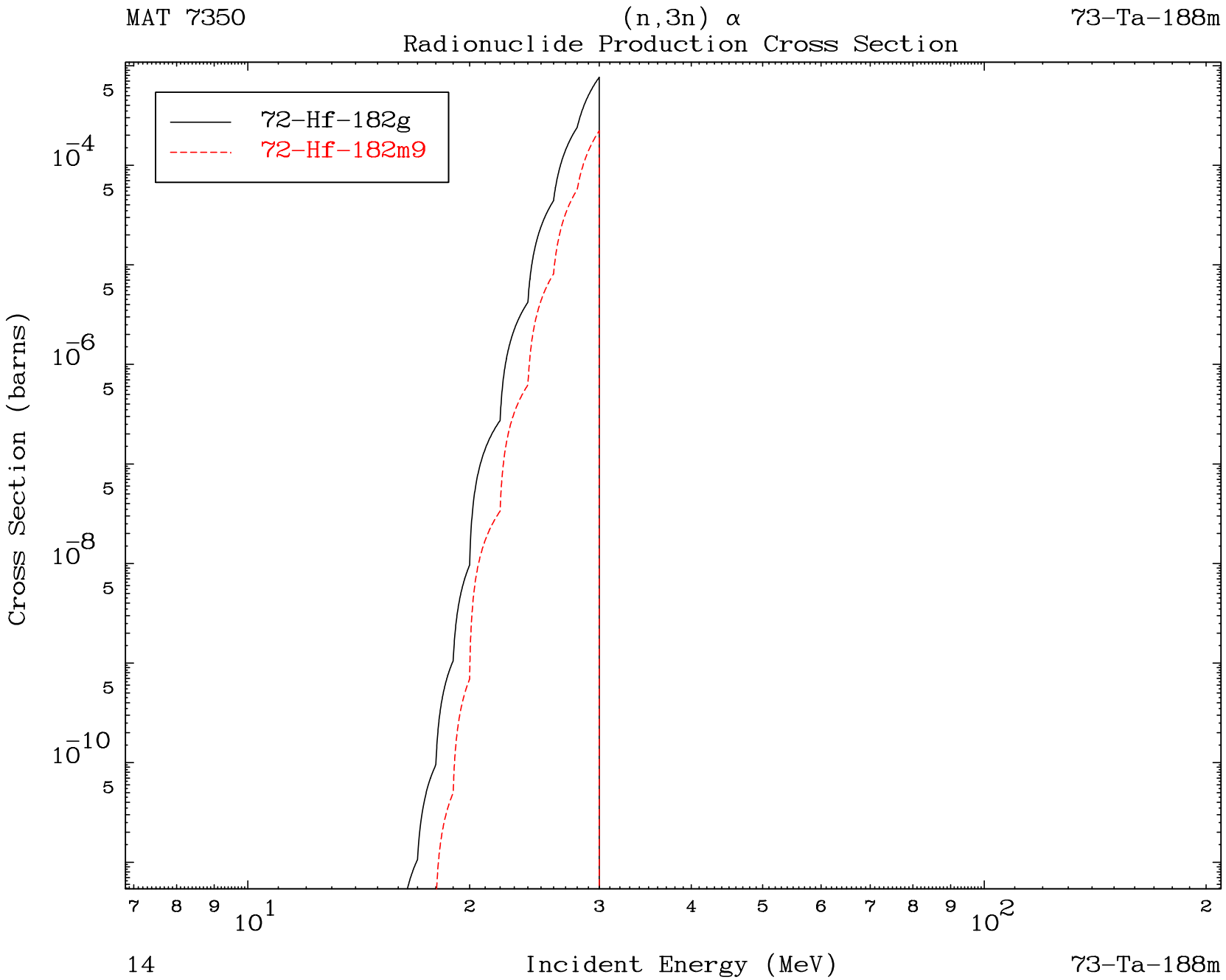


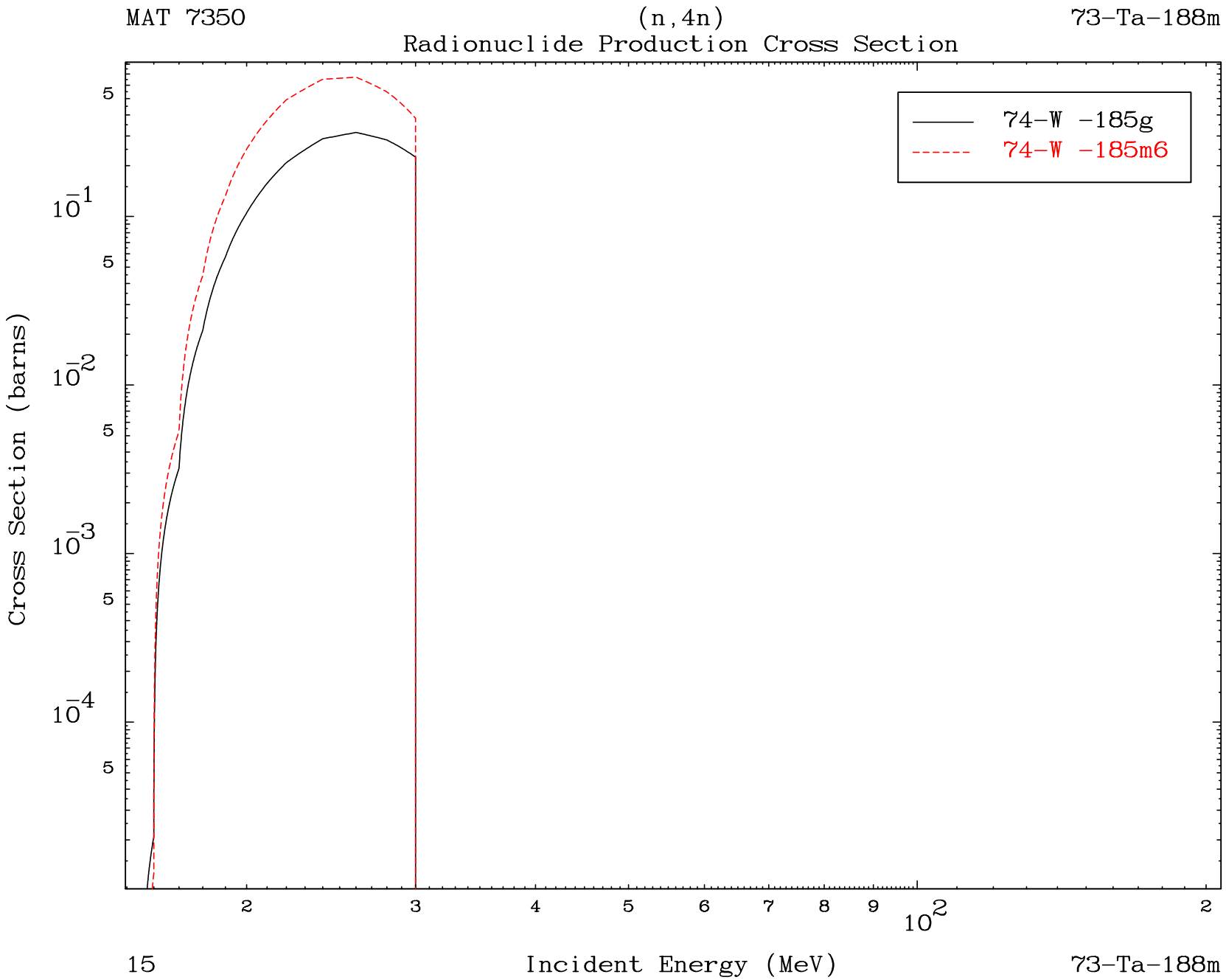
10 73-Ta-188m

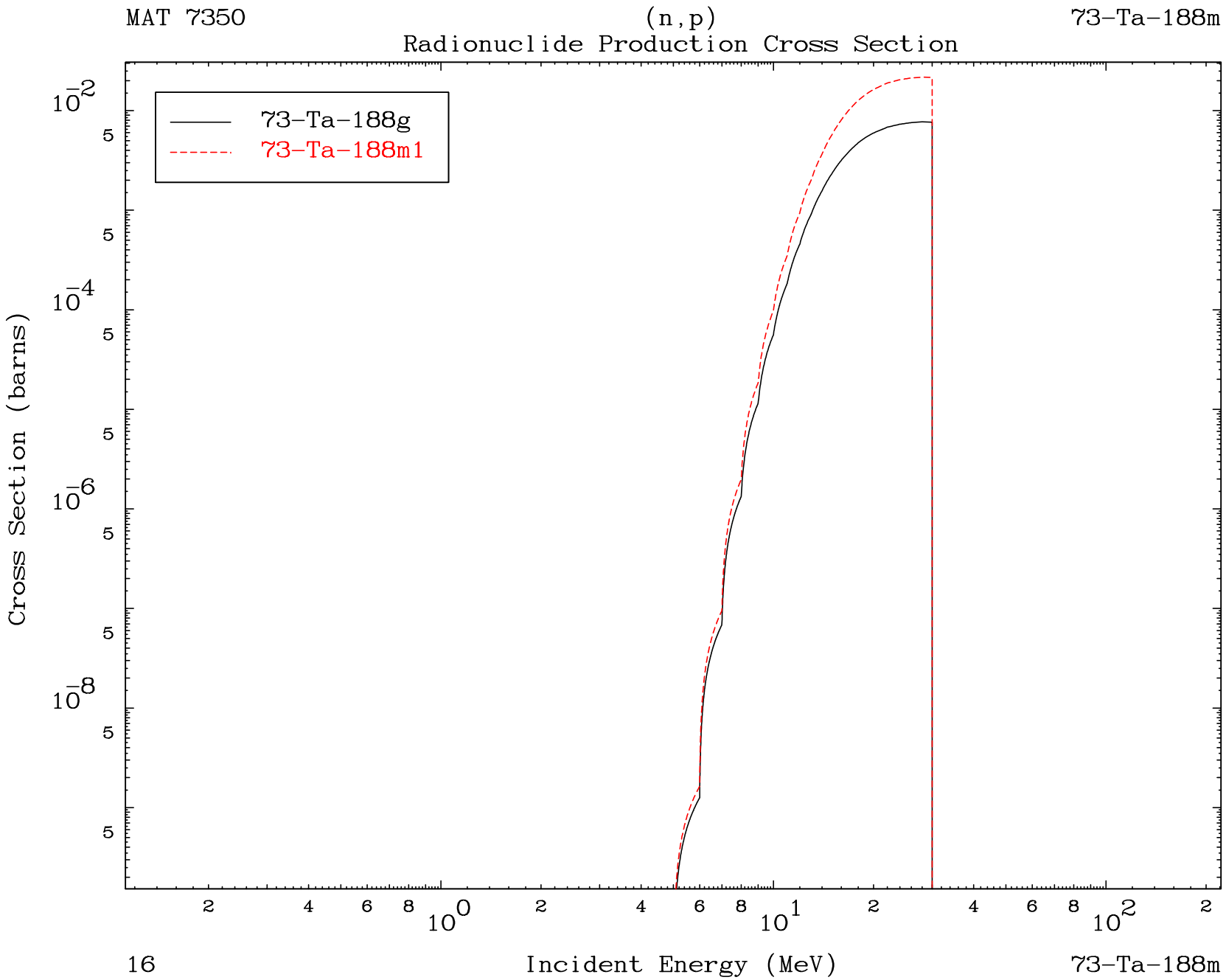

MAT 7350
(p,α) Levels
73-Ta-188m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
11
73-Ta-188m


MAT 7350
Fission
73-Ta-188m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-188m


MAT 7350
(n,n') α
73-Ta-188m
Radionuclide Production Cross Section
72-Hf-184g
72-Hf-184m5
Cross Section (barns)
Incident Energy (MeV)
13
73-Ta-188m


MAT 7350
(n,3n) α
73-Ta-188m
Radionuclide Production Cross Section
72-Hf-182g
72-Hf-182m9
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-188m


MAT 7350
(n,4n)
73-Ta-188m
Radionuclide Production Cross Section
74-W -185g
74-W -185m6
Cross Section (barns)
Incident Energy (MeV)
15
73-Ta-188m


MAT 7350
(n,p)
73-Ta-188m
Radionuclide Production Cross Section
73-Ta-188g
73-Ta-188m1
Cross Section (barns)
Incident Energy (MeV)
16
73-Ta-188m