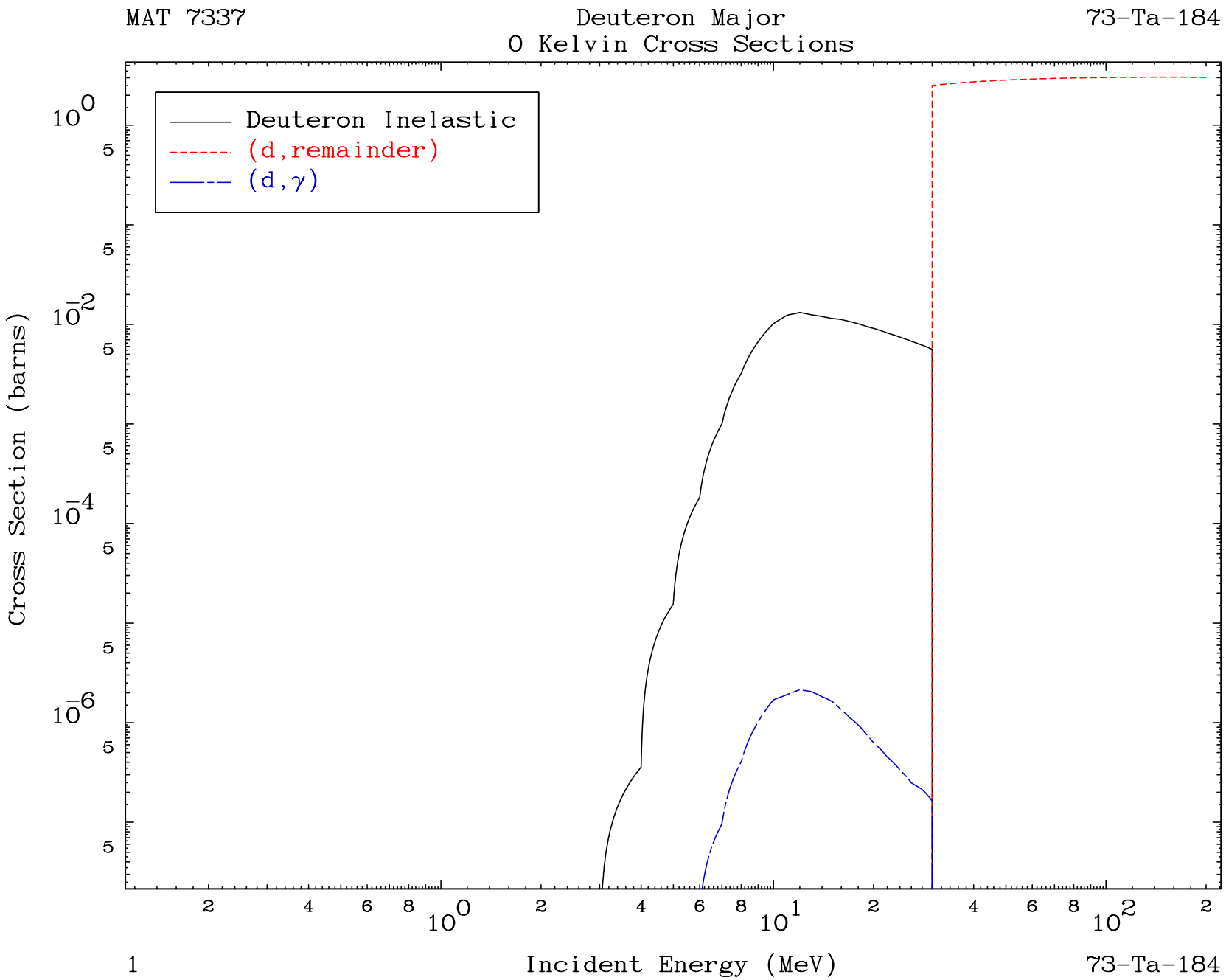
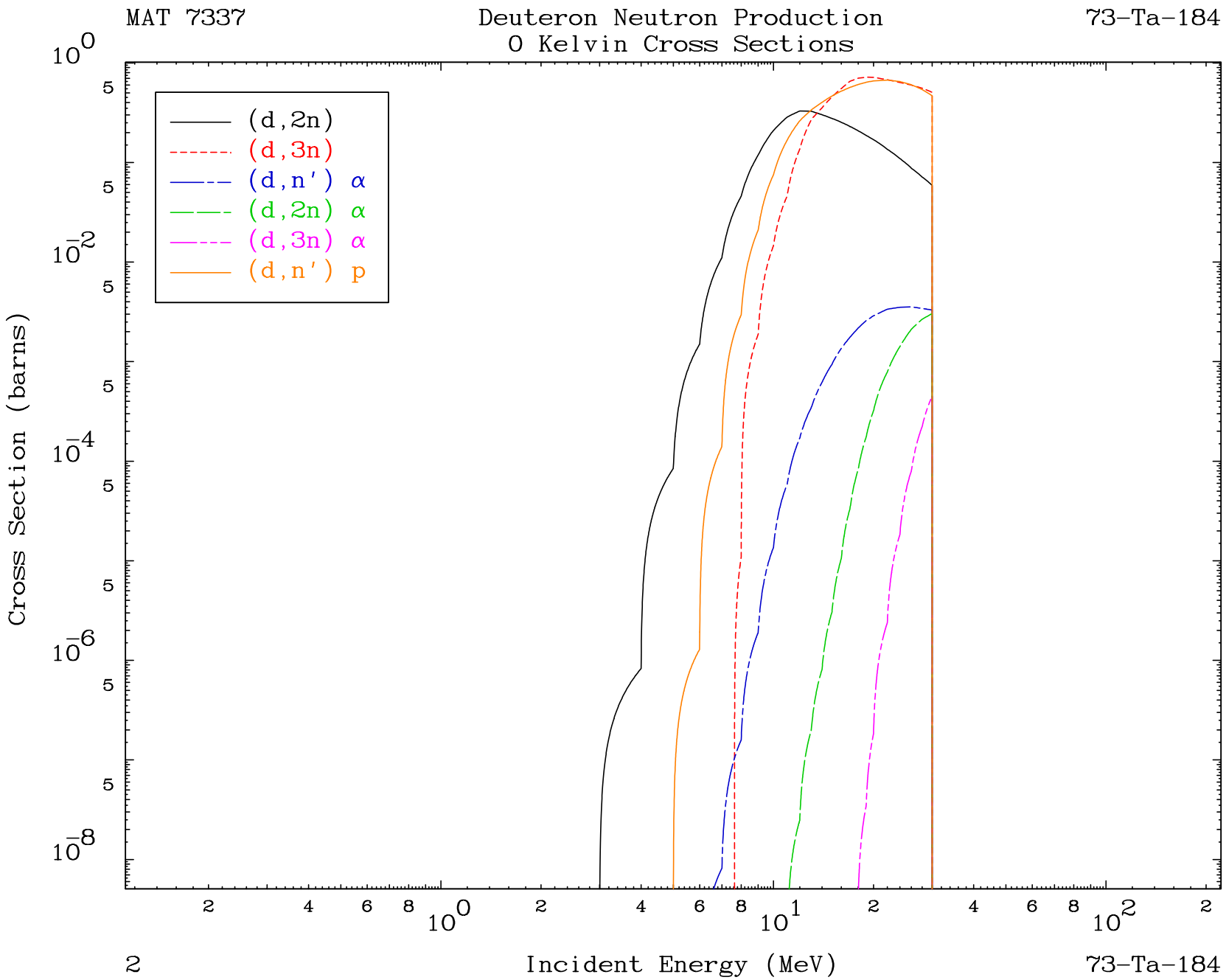
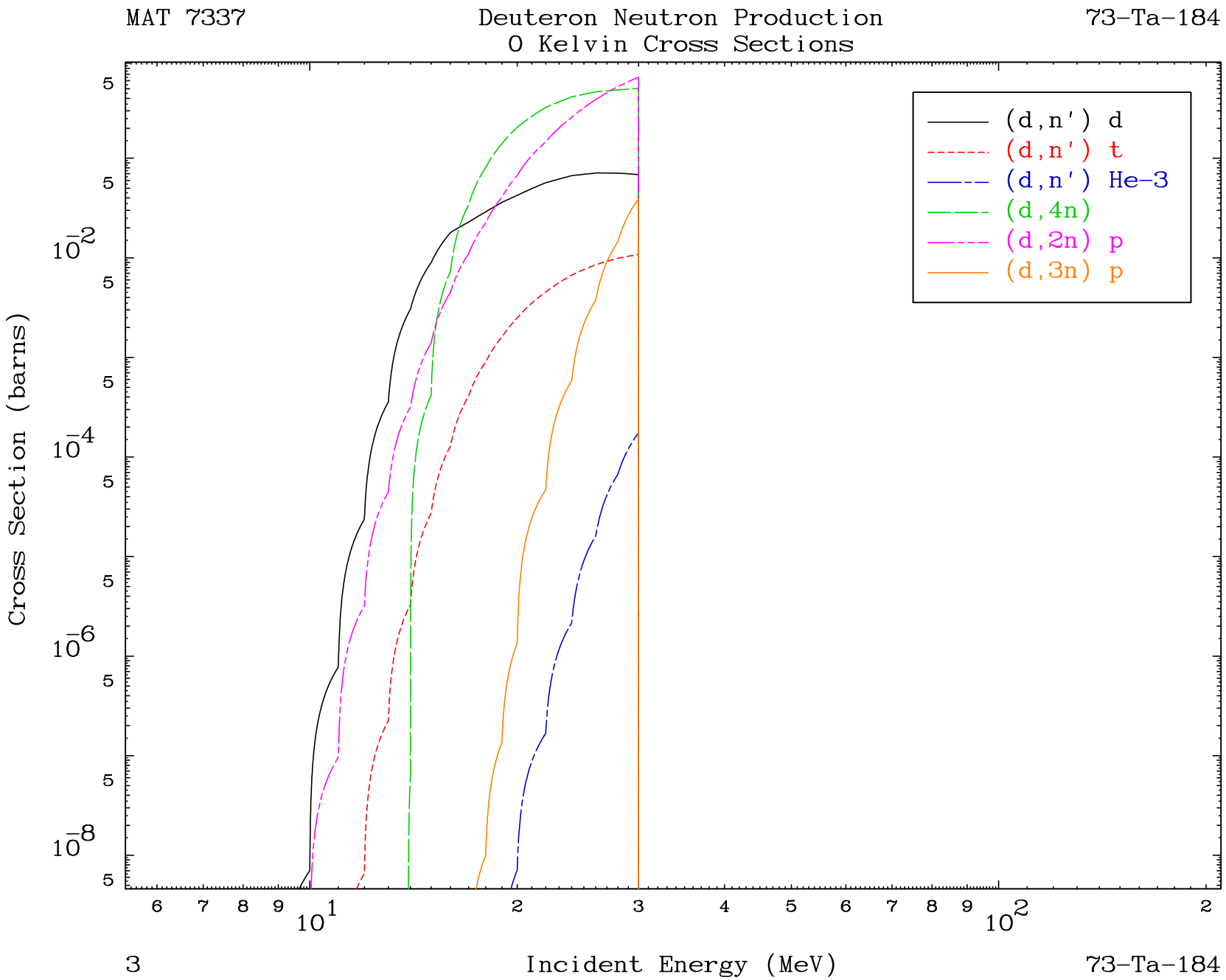
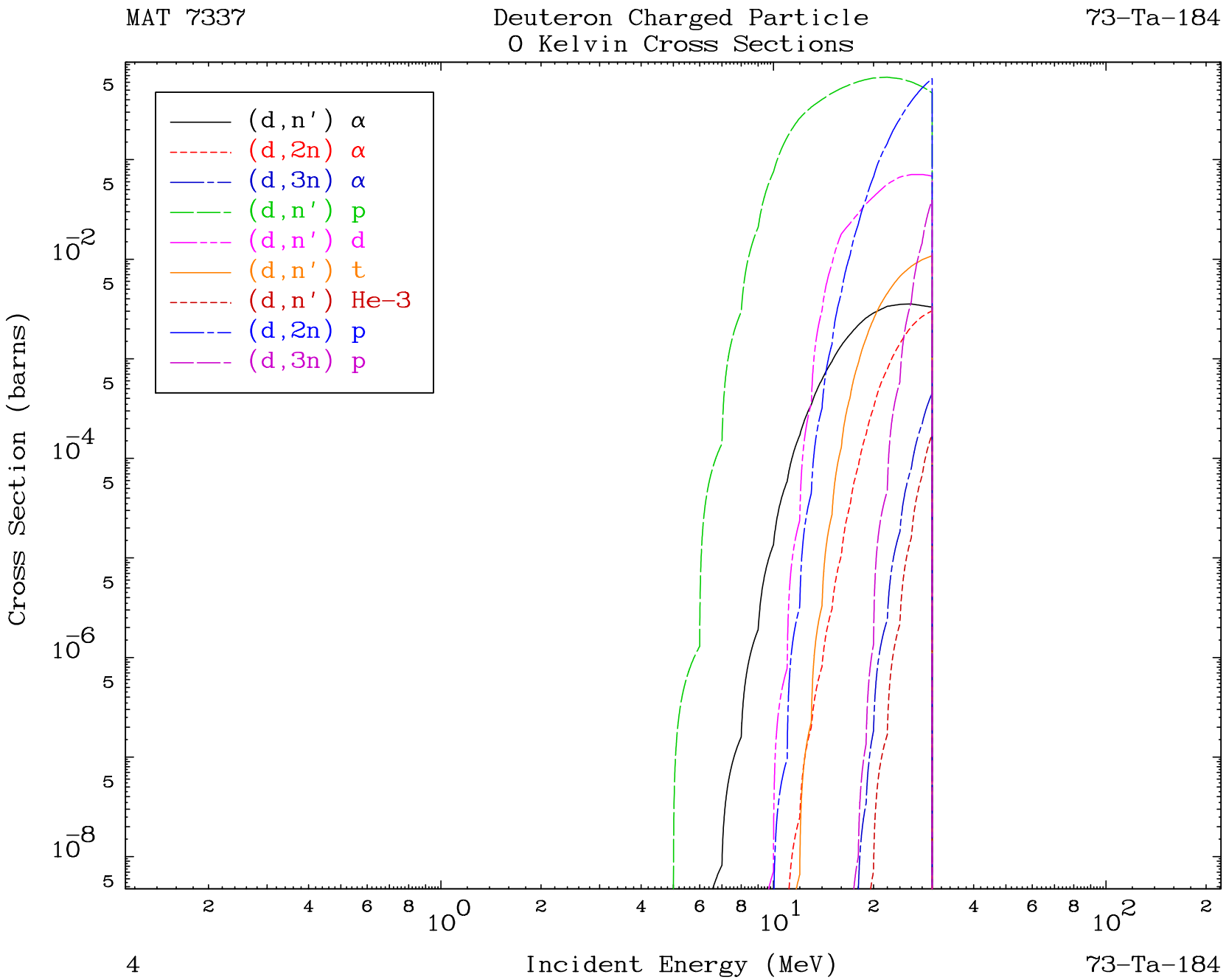
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

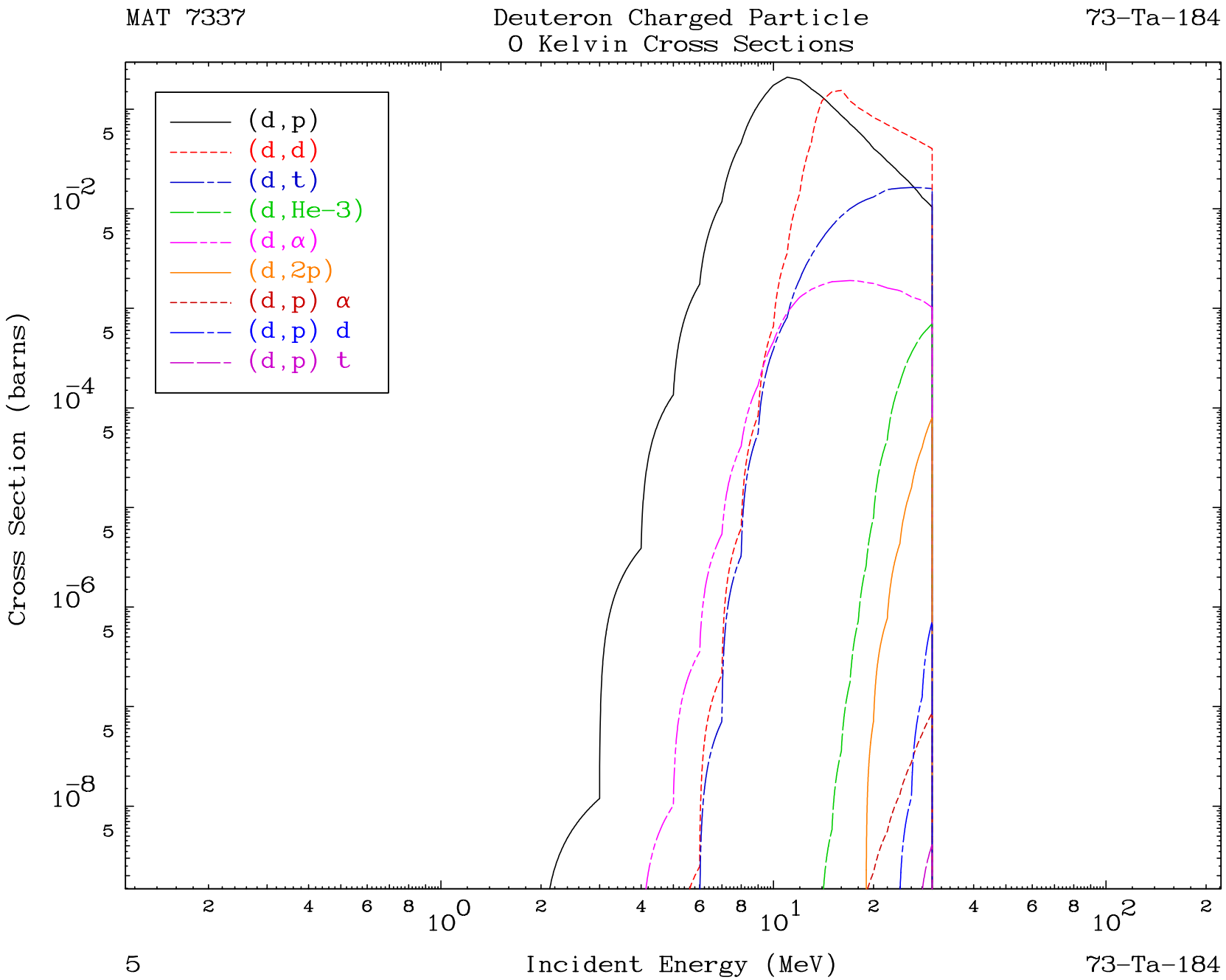
Press Mouse Button to Start

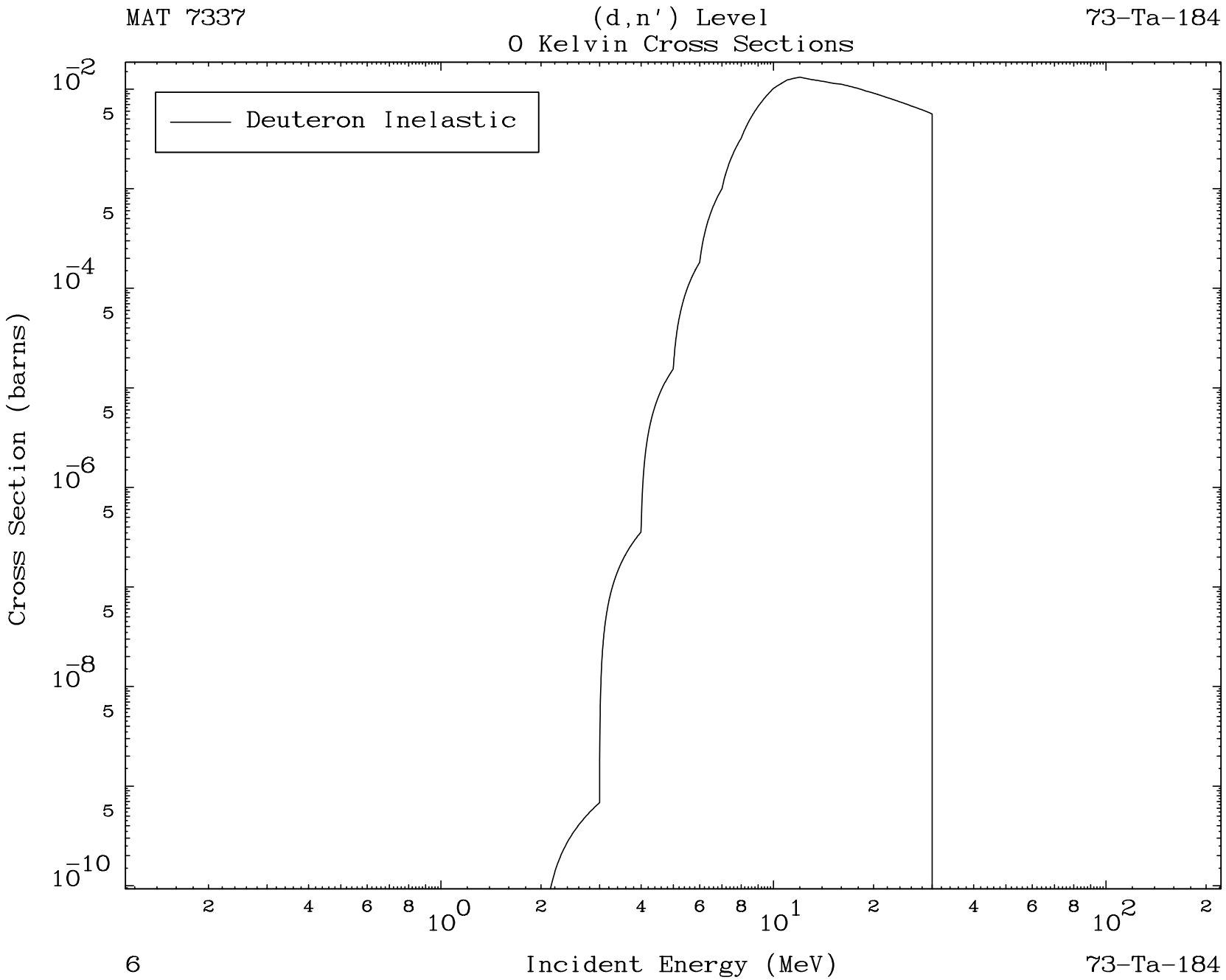

MAT 7337
Deuteron Major
73-Ta-184
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-184
1

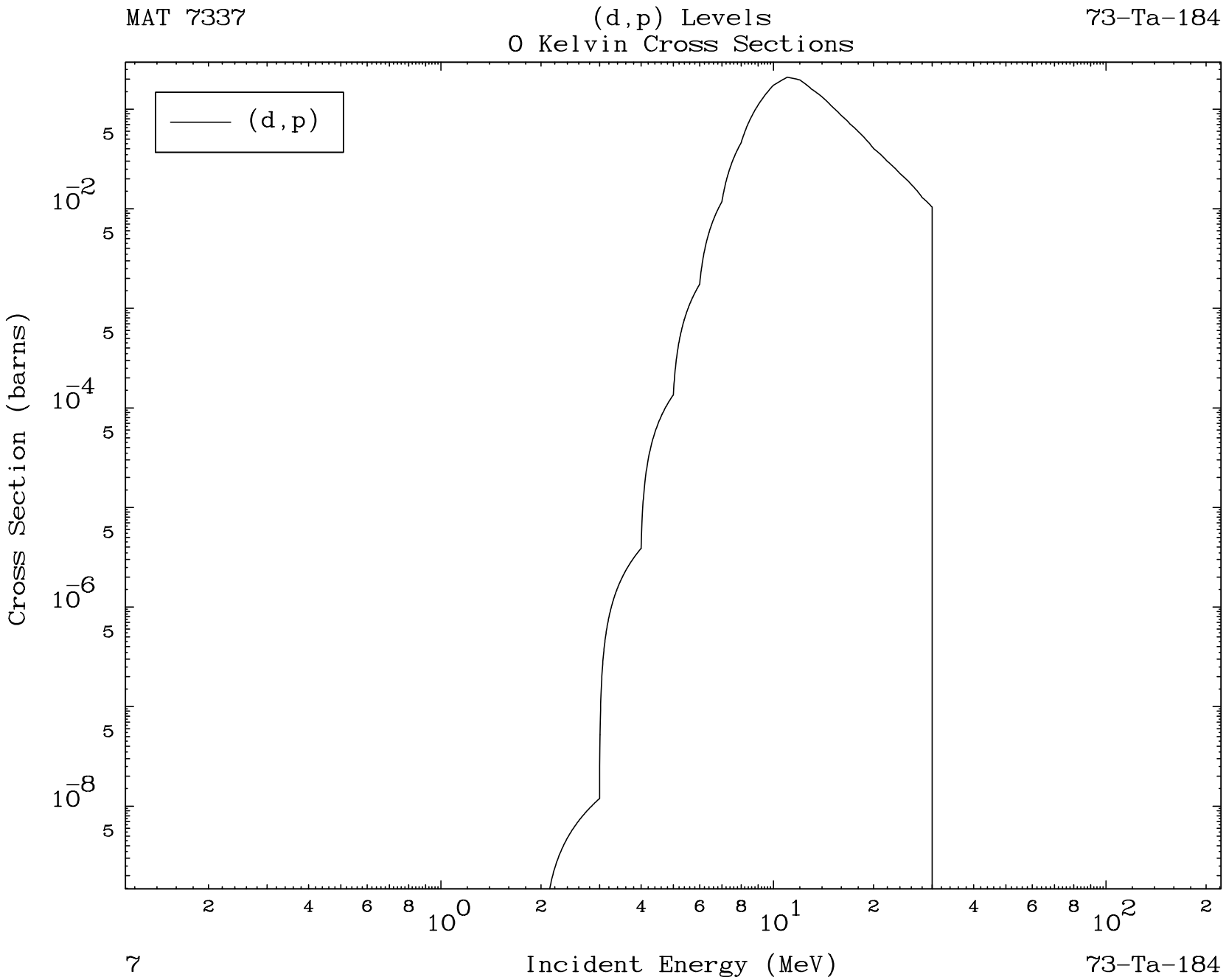

MAT 7337
Deuteron Neutron Production
0 Kelvin Cross Sections
73-Ta-184
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
Cross Section (barns)
Incident Energy (MeV)
73-Ta-184
2

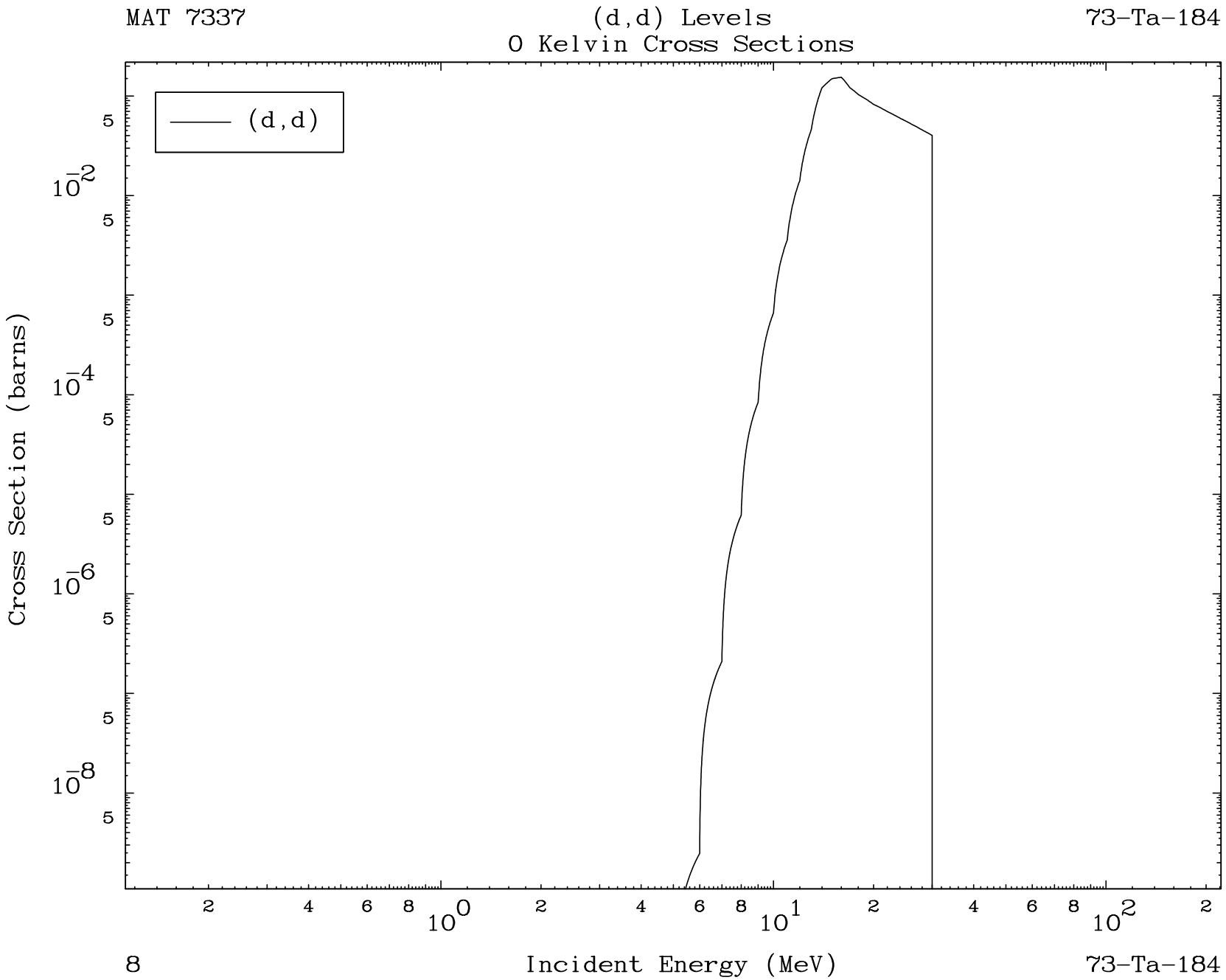

MAT 7337
Deuteron Neutron Production
0 Kelvin Cross Sections
73-Ta-184
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-184

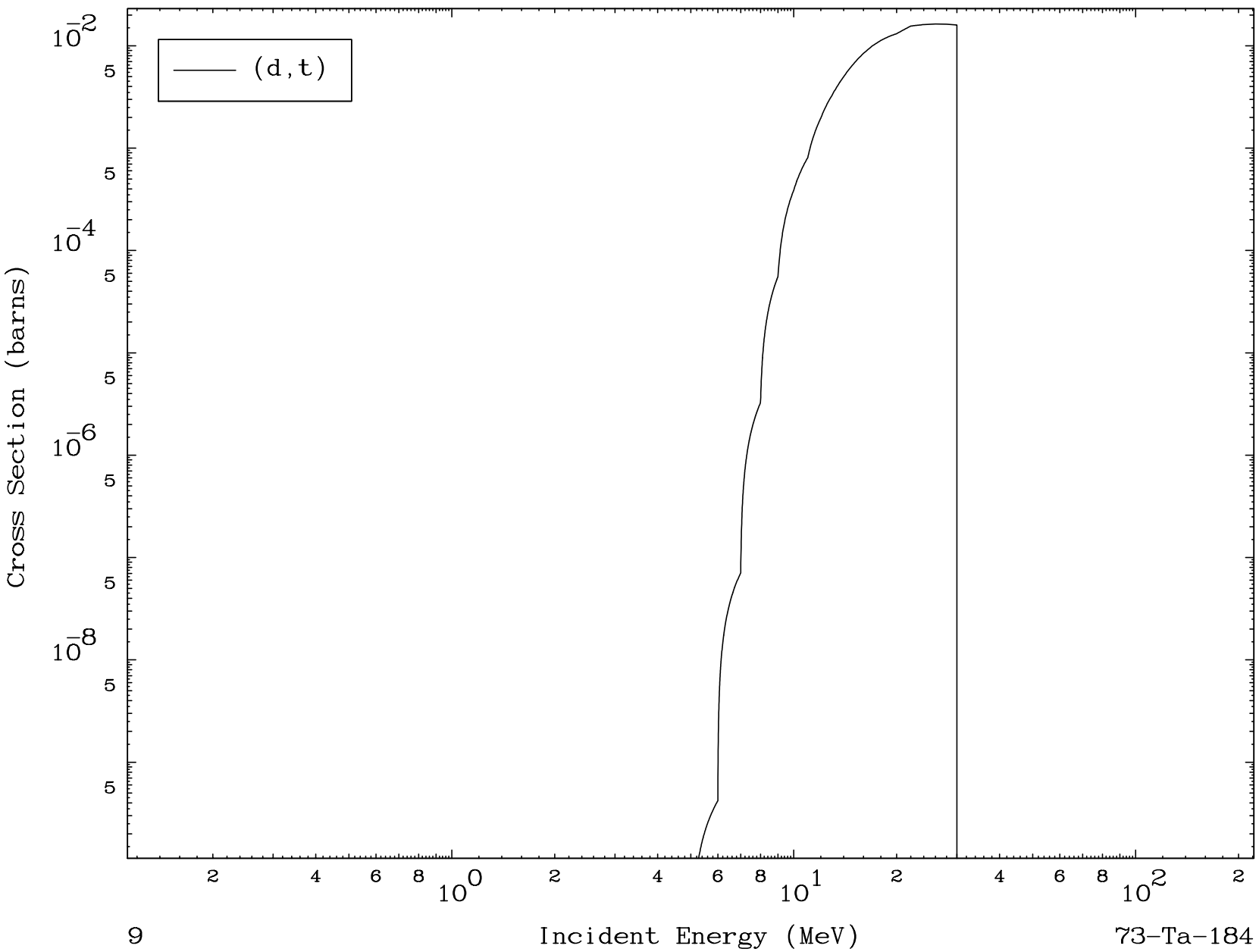

MAT 7337
Deuteron Charged Particle
0 Kelvin Cross Sections
73-Ta-184
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-184

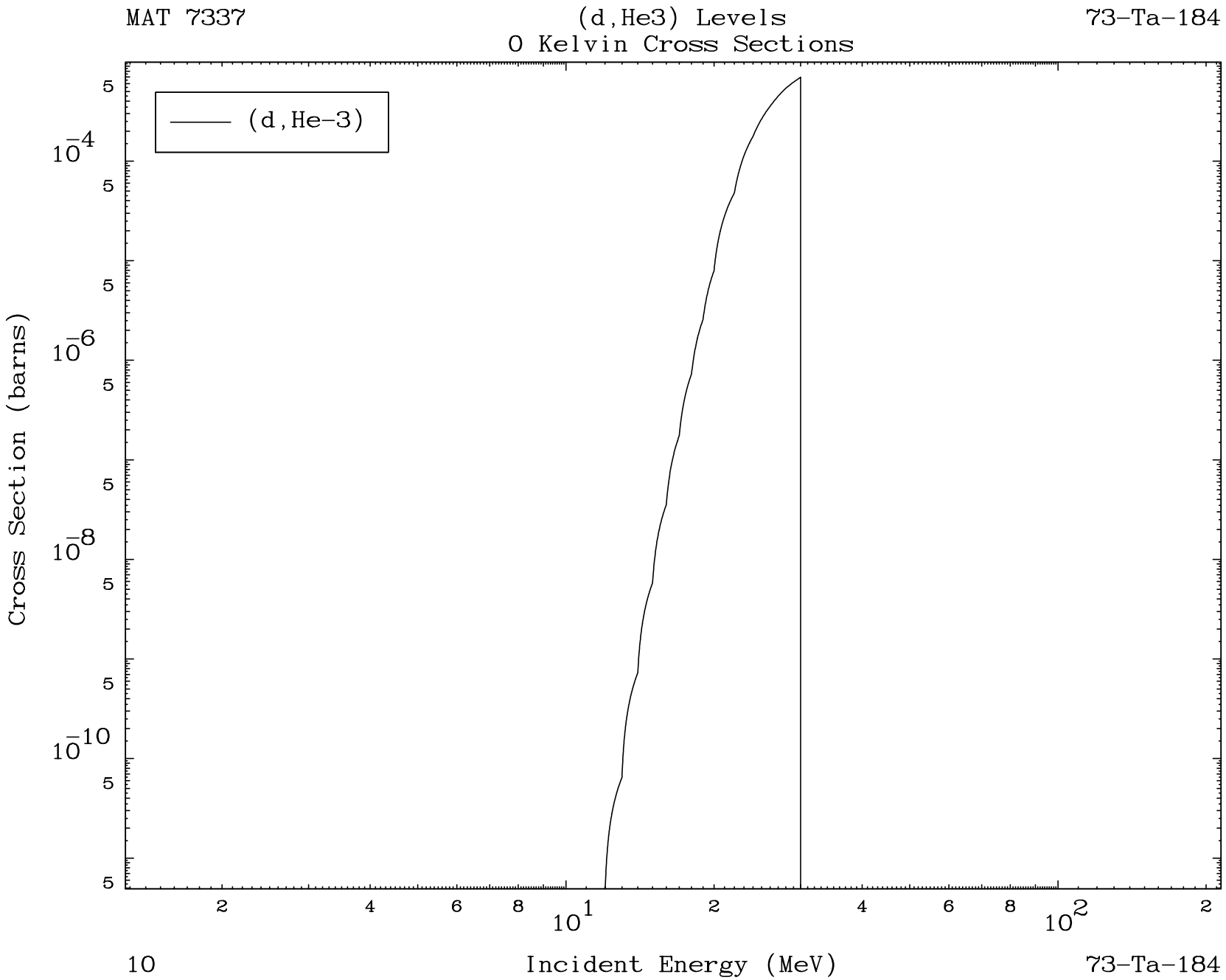

MAT 7337
Deuteron Charged Particle
0 Kelvin Cross Sections
73-Ta-184
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
5
73-Ta-184

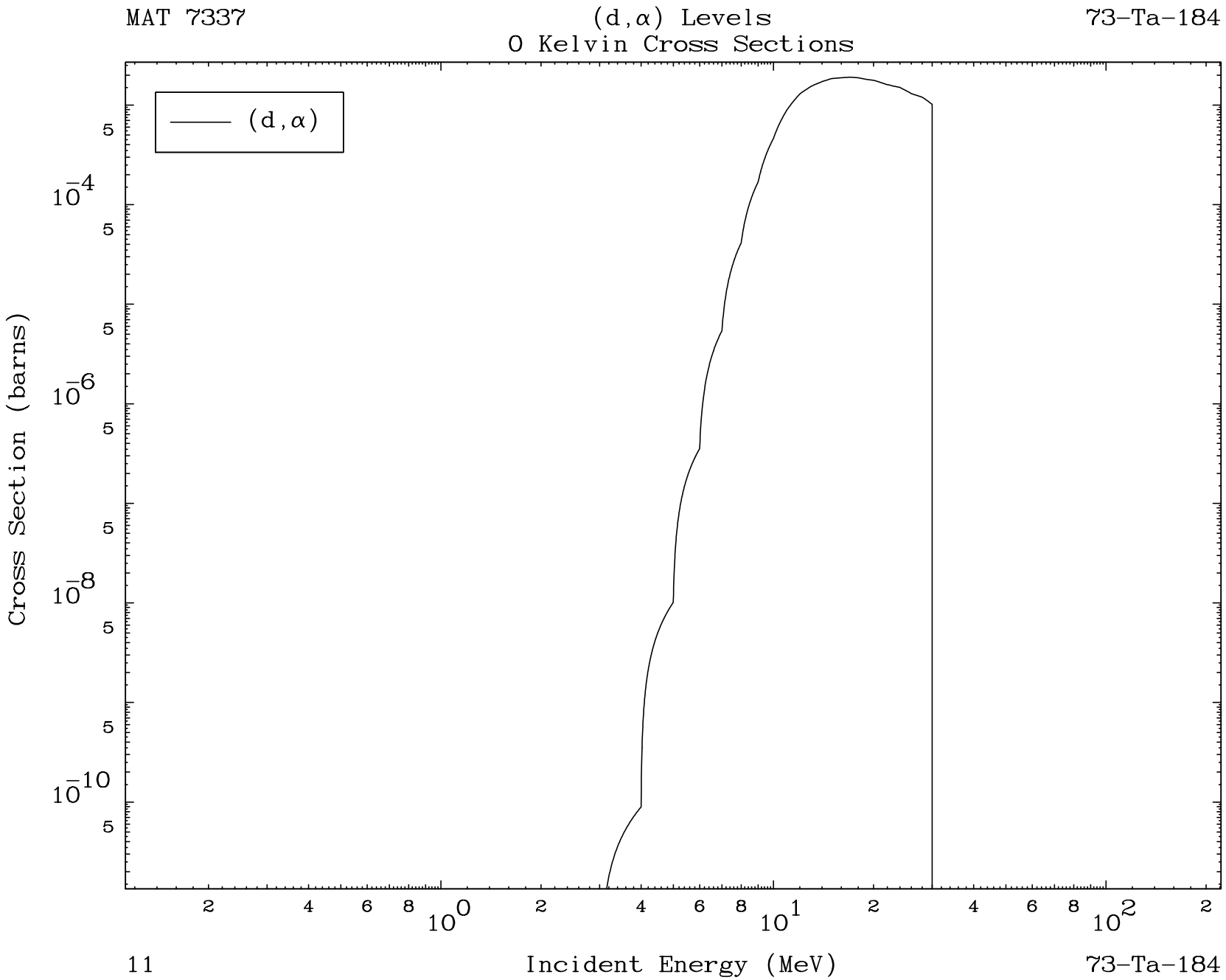

MAT 7337
(d,n') Level
73-Ta-184
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
73-Ta-184

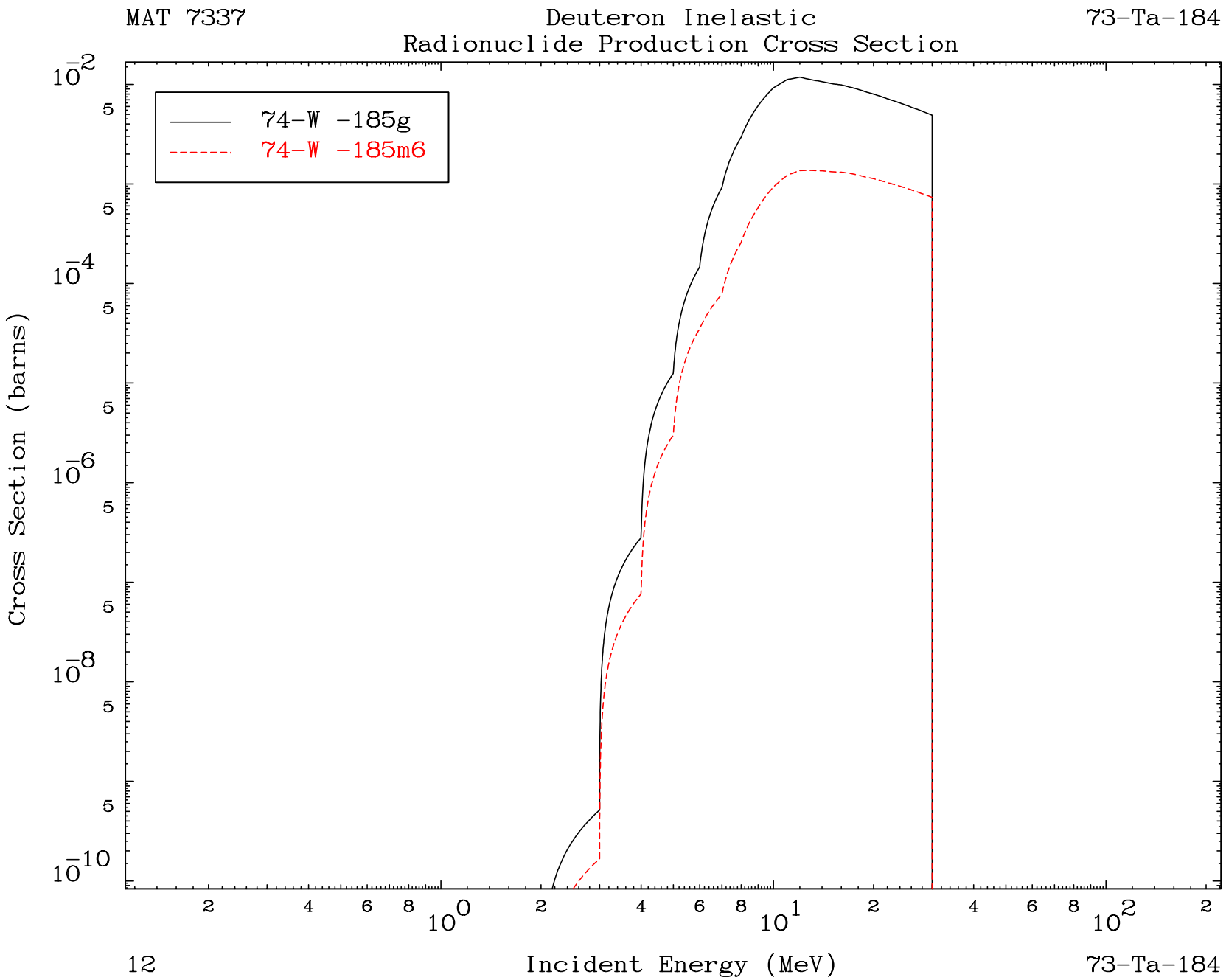

MAT 7337
(d,p) Levels
73-Ta-184
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
73-Ta-184

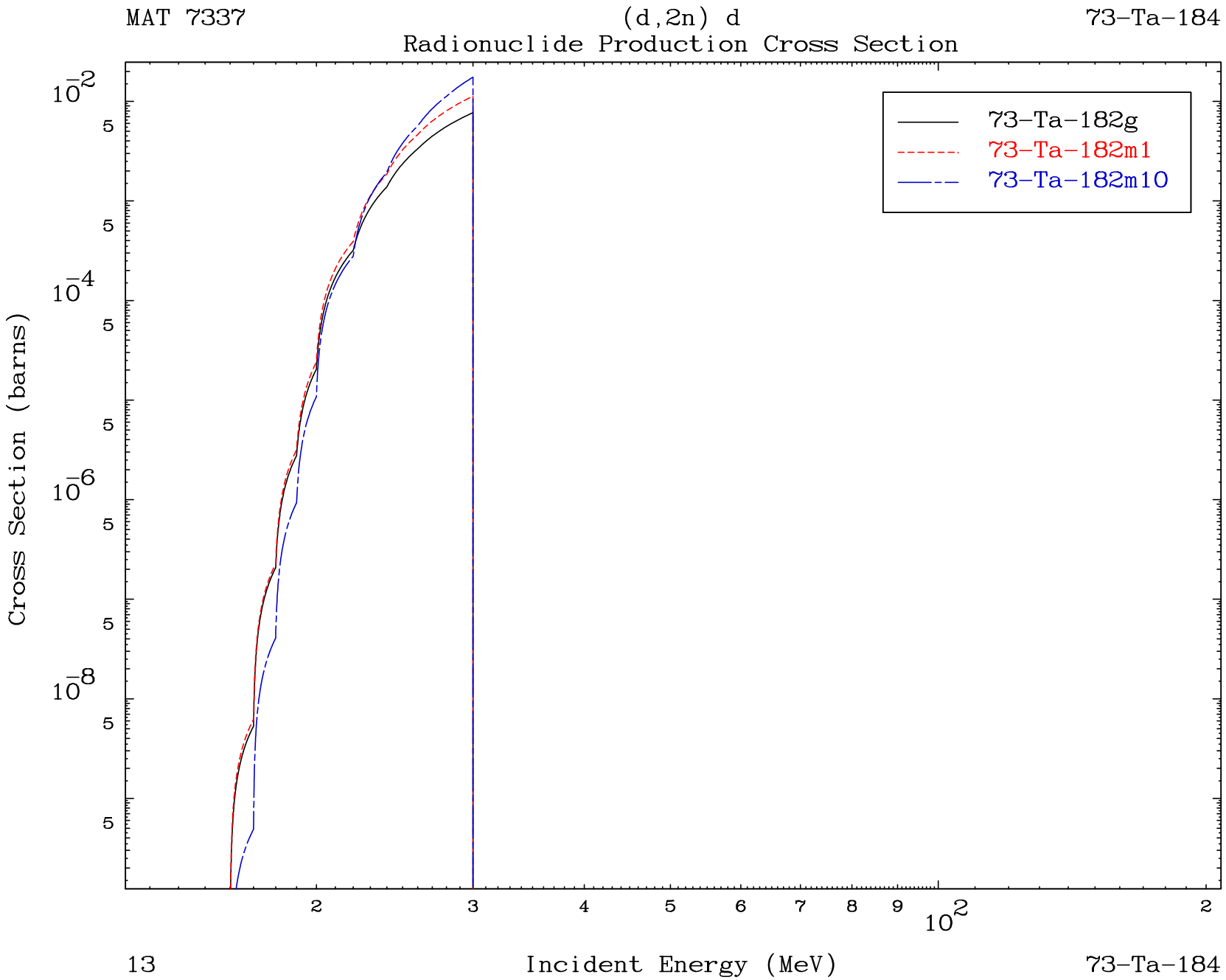

MAT 7337
(d,d) Levels
73-Ta-184
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-184

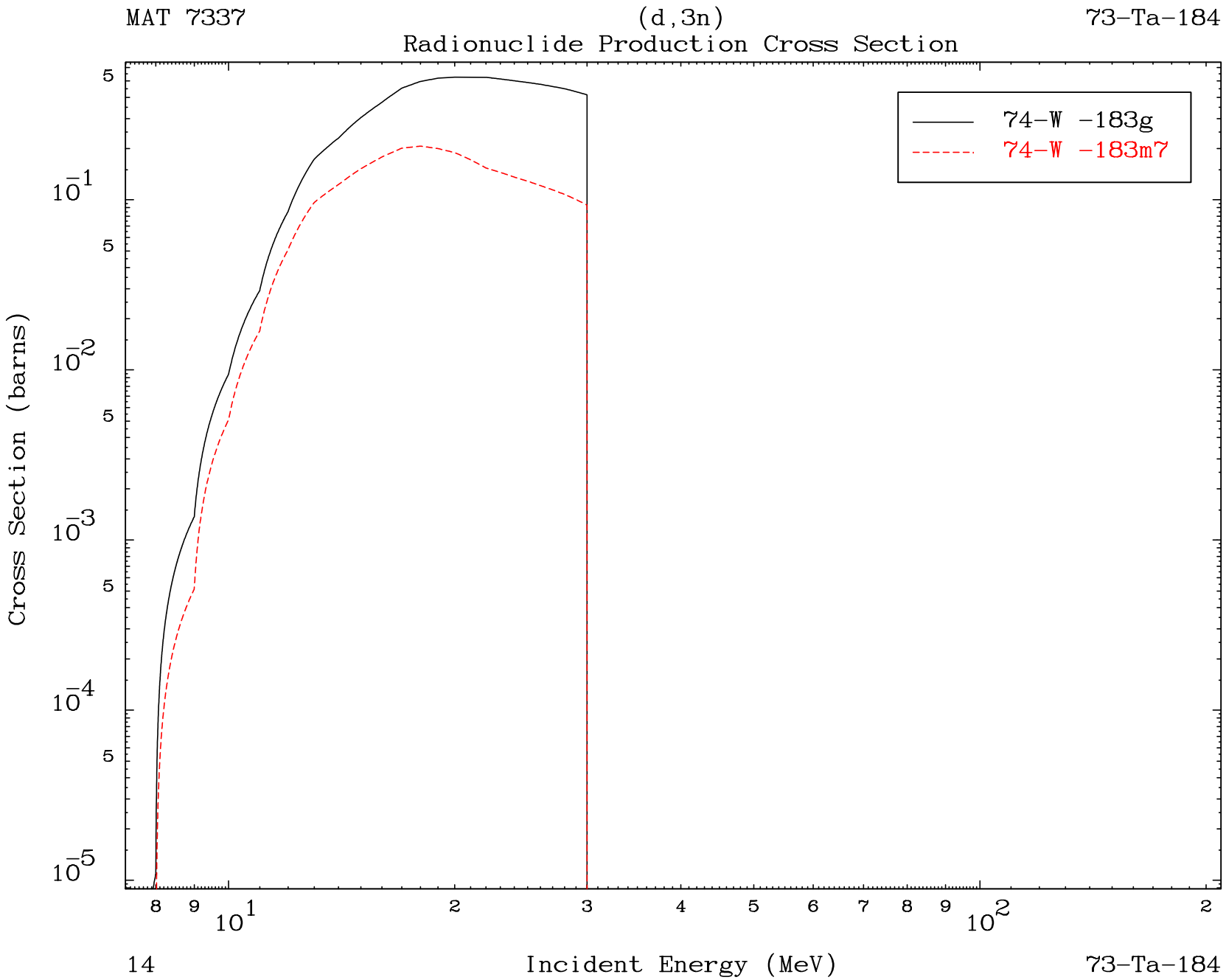

0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)

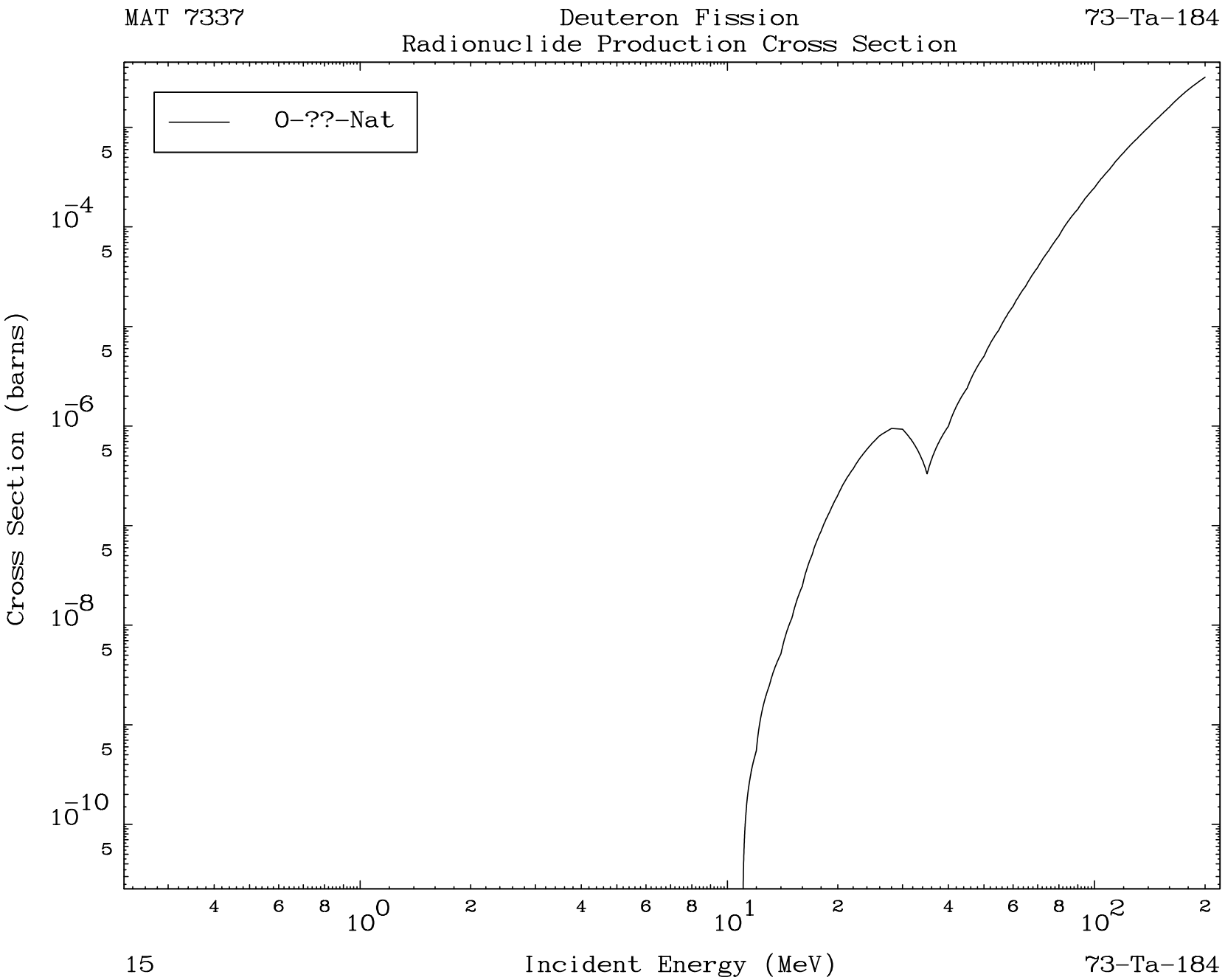

MAT 7337
(d,He3) Levels
73-Ta-184
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^1
10^2
73-Ta-184

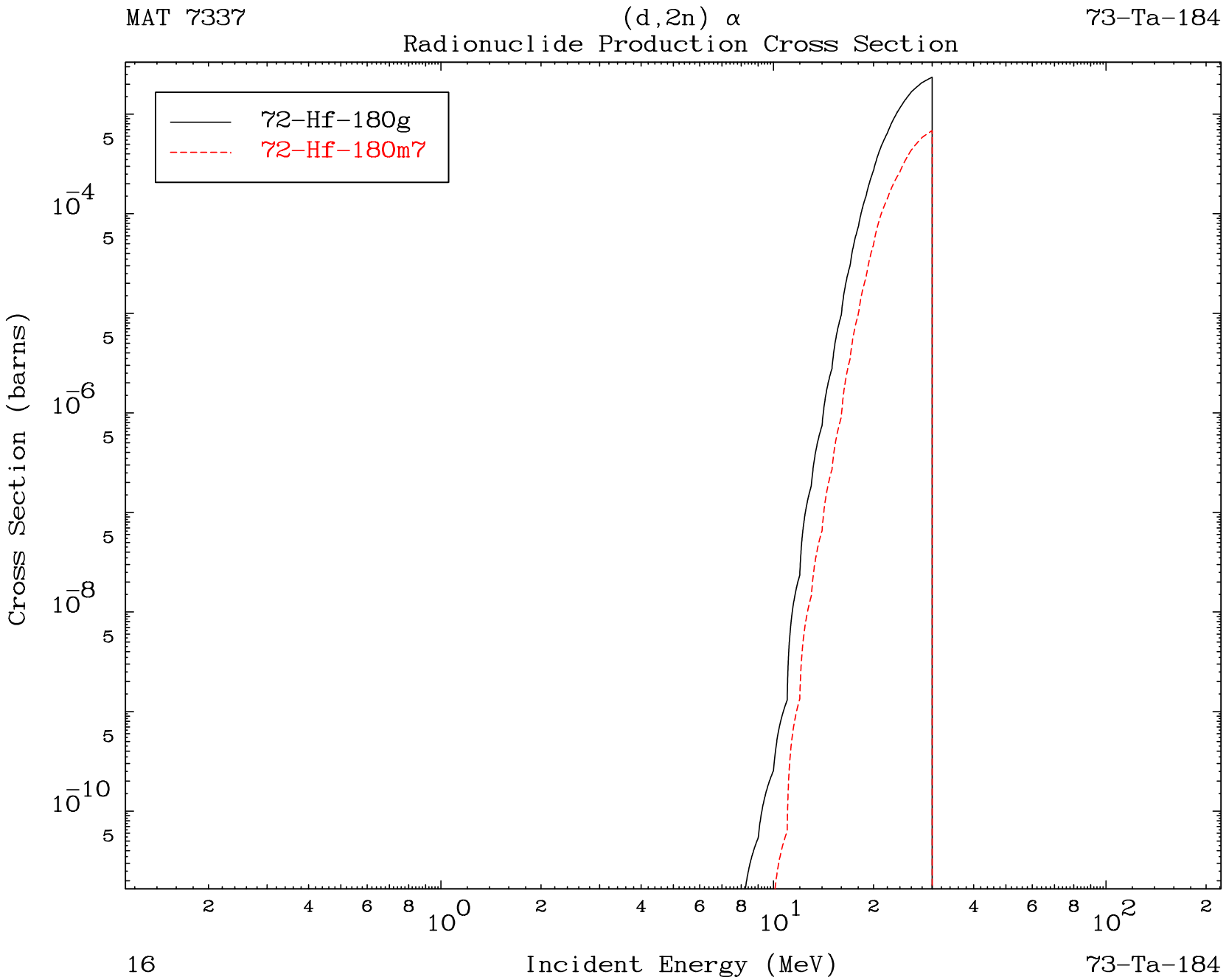

MAT 7337
(d,α) Levels
73-Ta-184
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
73-Ta-184

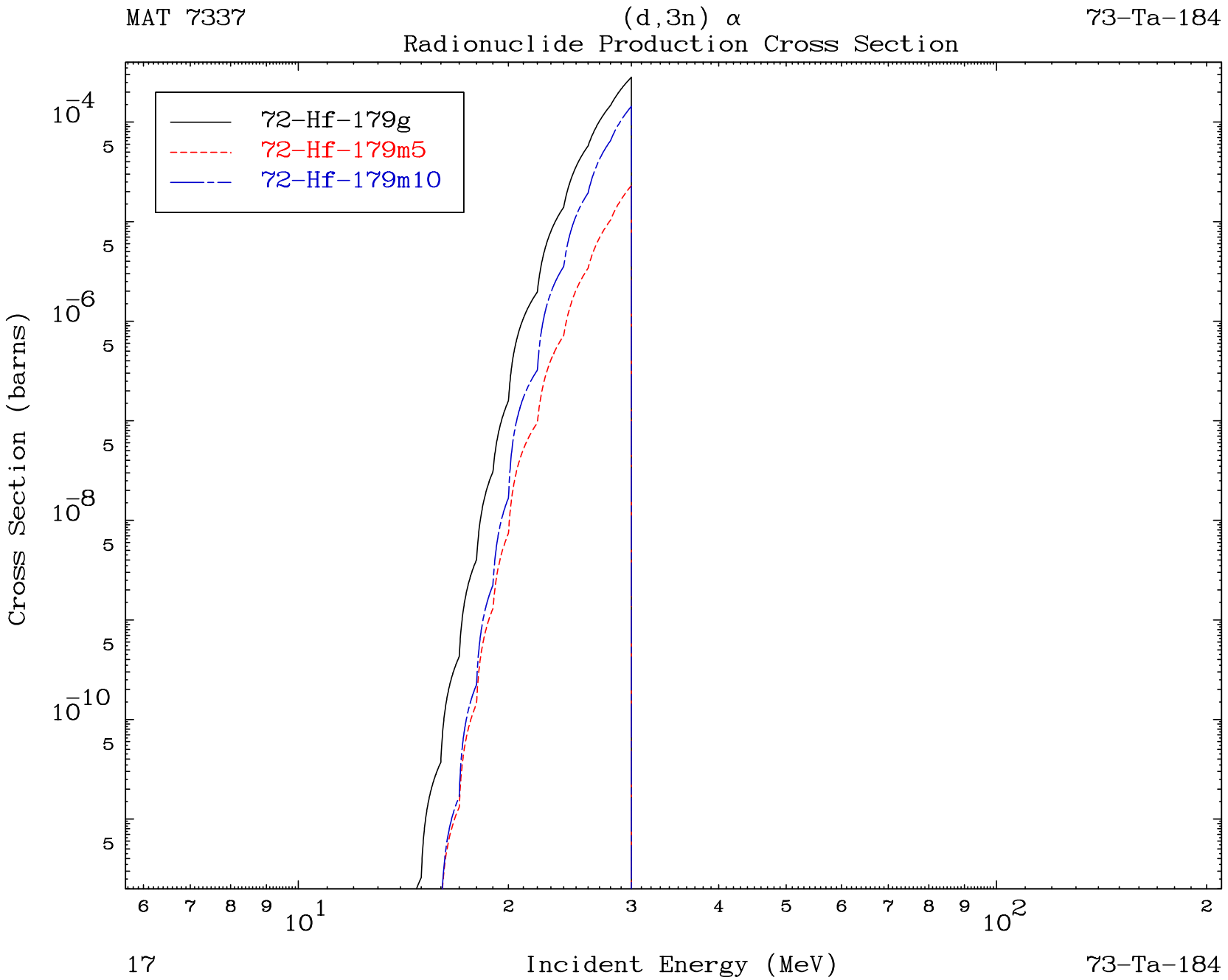

MAT 7337
Deuteron Inelastic
73-Ta-184
Radionuclide Production Cross Section
74-W -185g
74-W -185m6
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-184

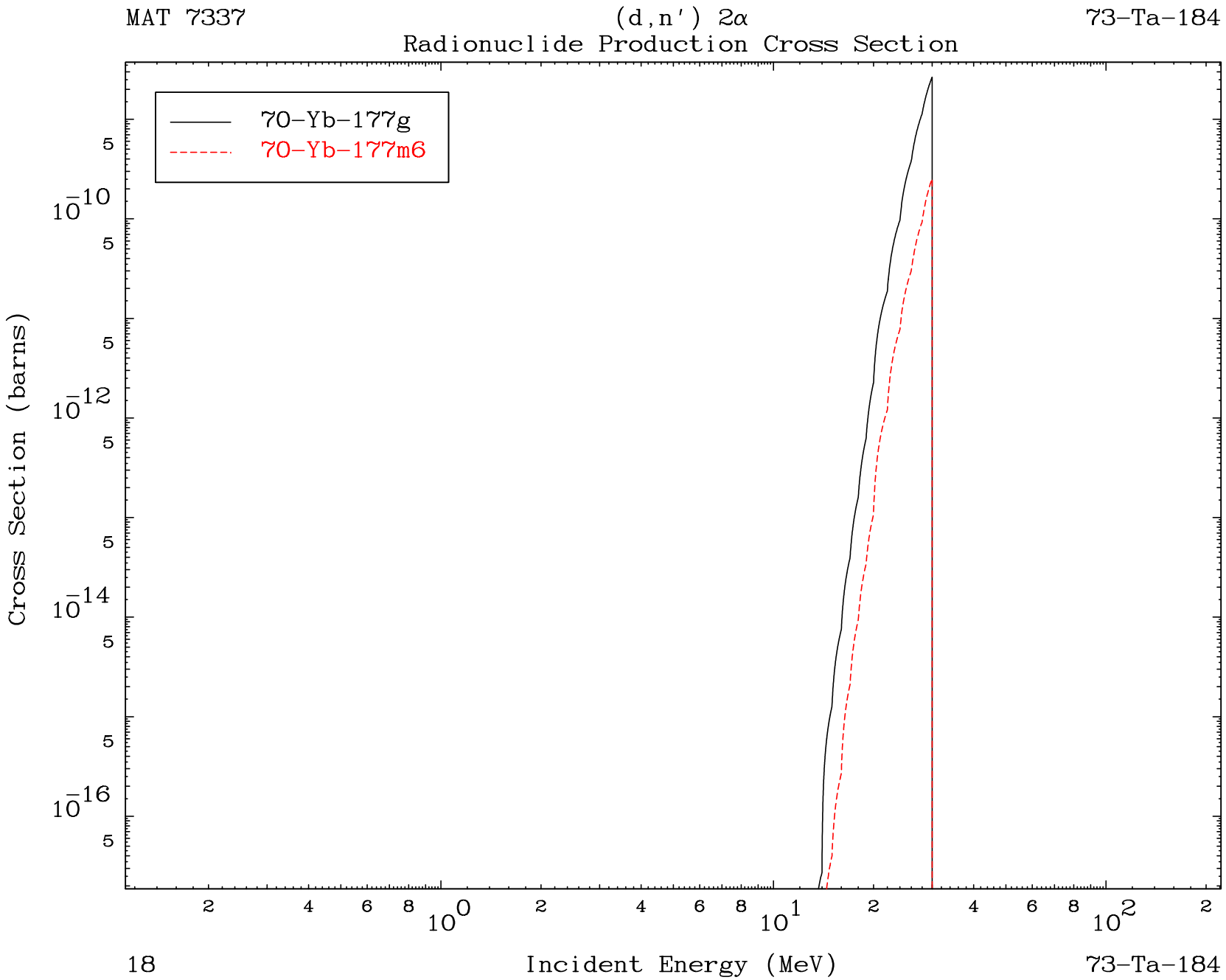

MAT 7337
(d,2n) d
73-Ta-184
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m10
Cross Section (barns)
Incident Energy (MeV)
13
73-Ta-184

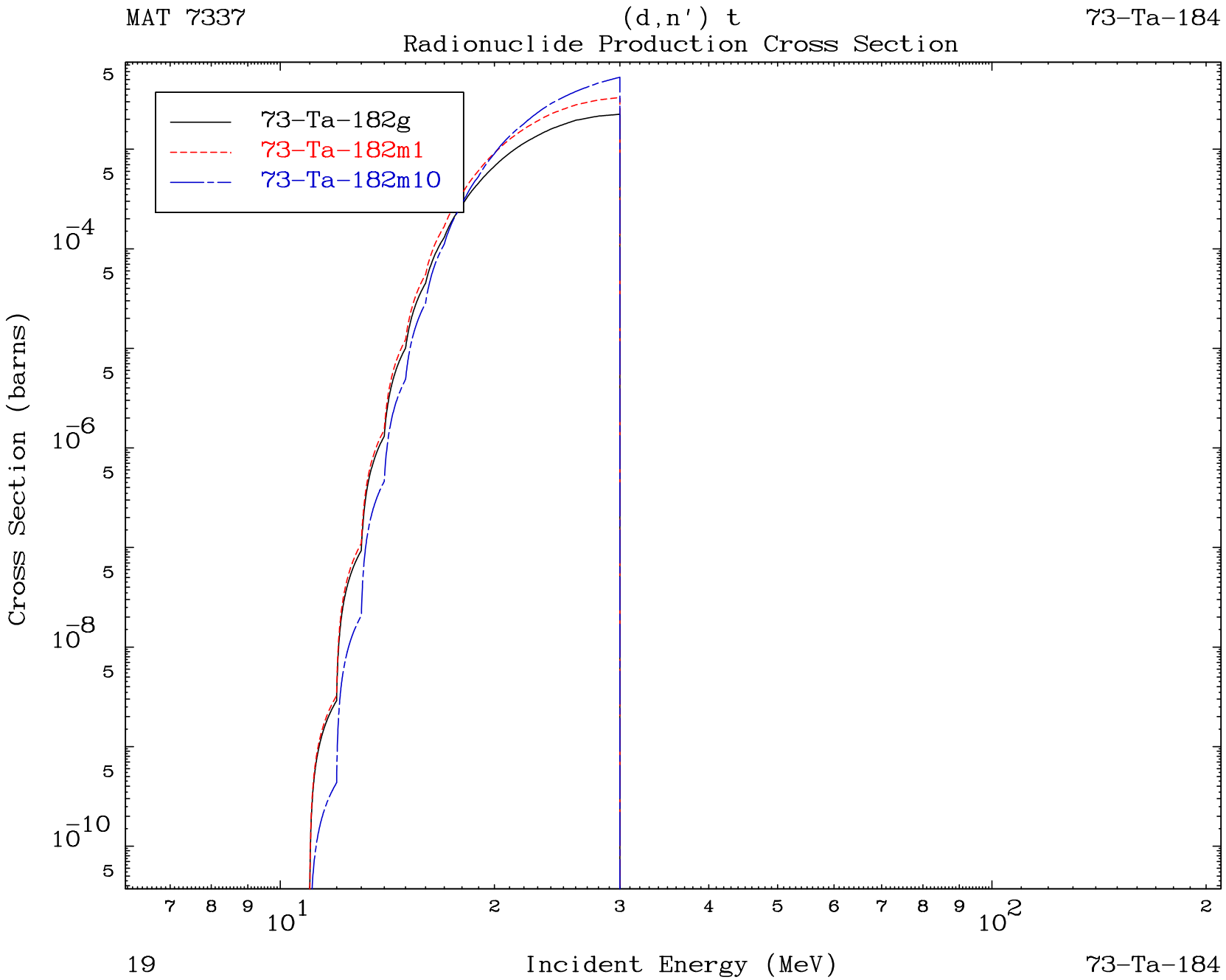

MAT 7337
(d,3n)
73-Ta-184
Radionuclide Production Cross Section
74-W -183g
74-W -183m7
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-184

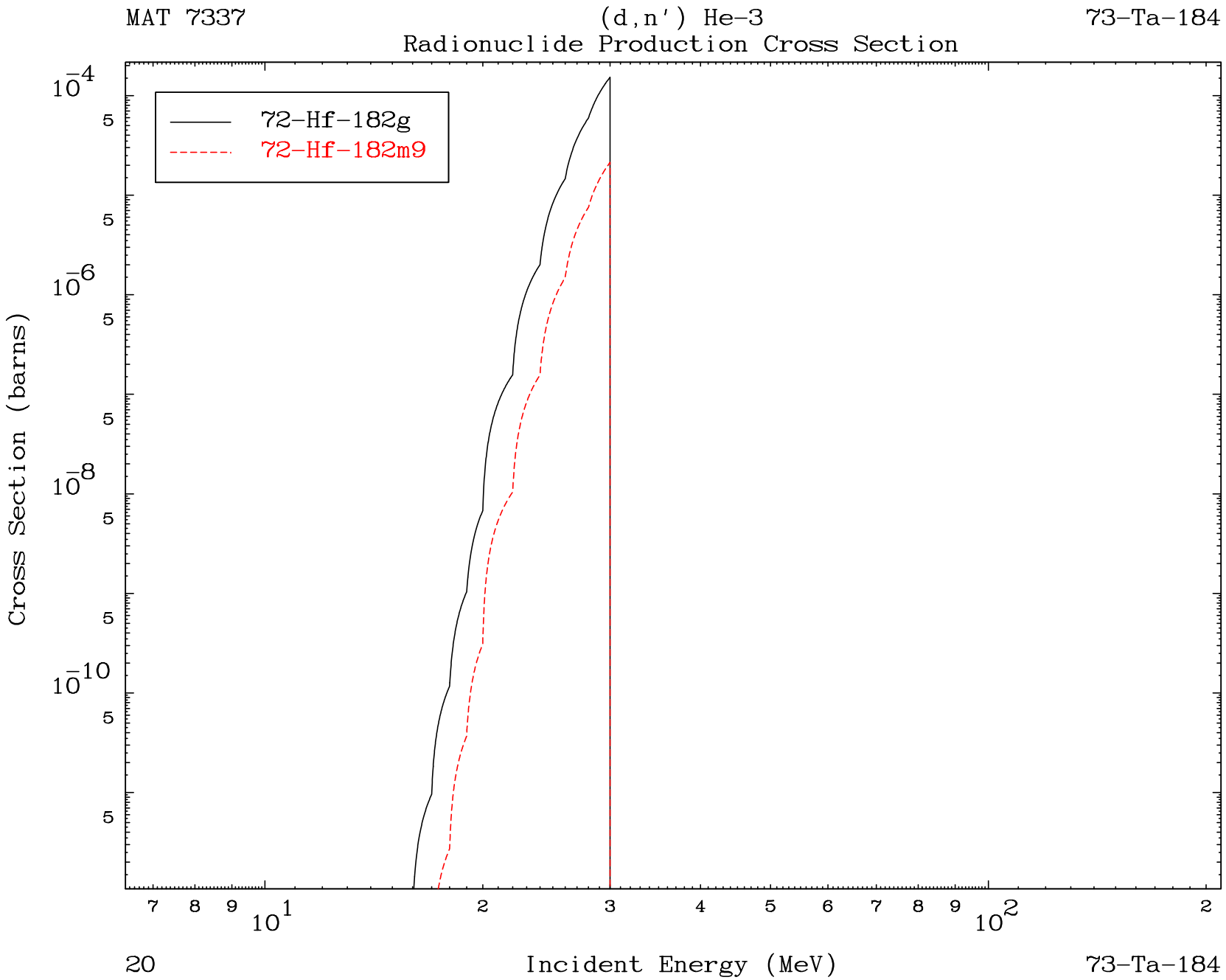

MAT 7337
Deuteron Fission
73-Ta-184
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
15
73-Ta-184

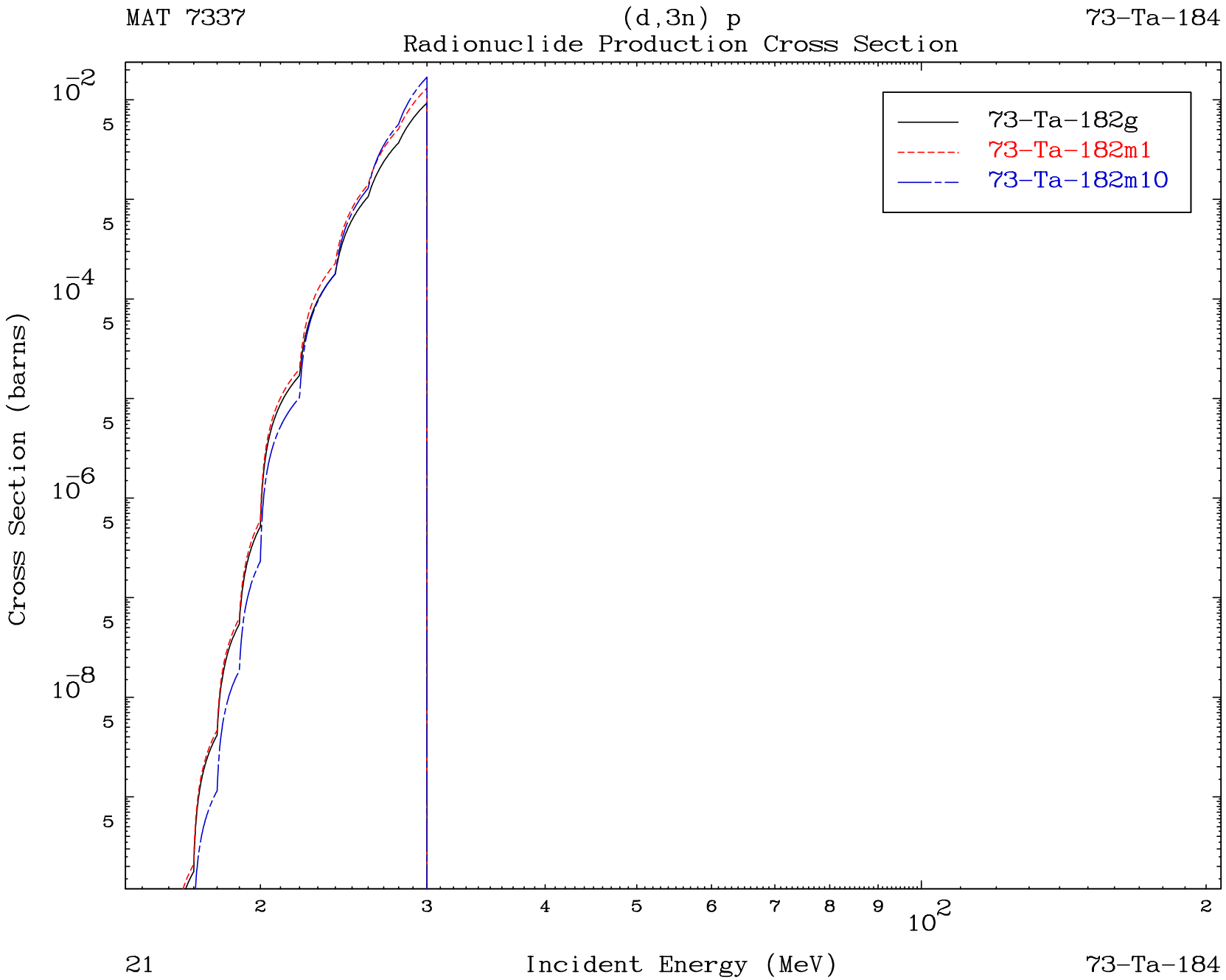

MAT 7337
(d,2n) α
73-Ta-184
Radionuclide Production Cross Section
72-Hf-180g
72-Hf-180m7
Cross Section (barns)
Incident Energy (MeV)
16
73-Ta-184

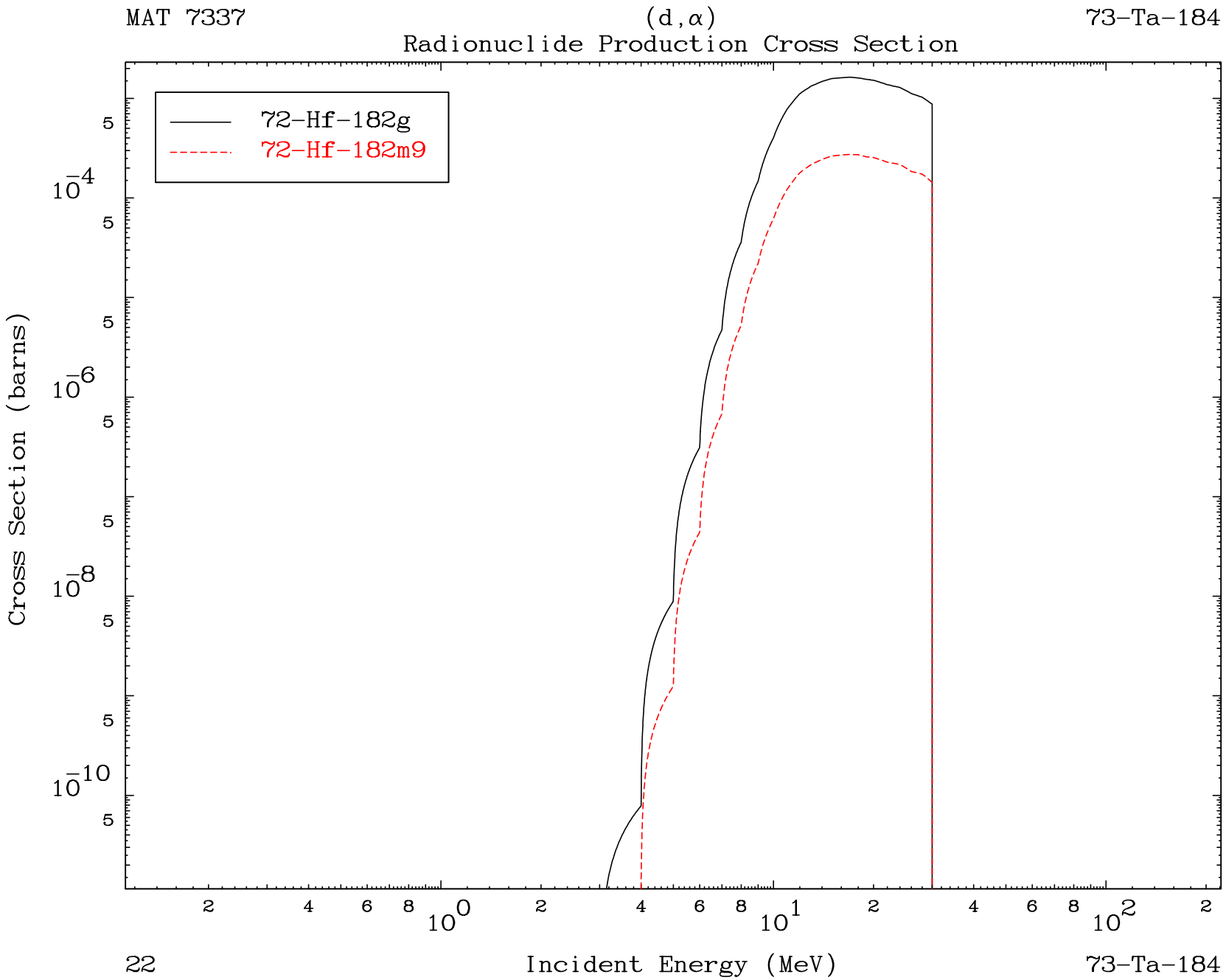

MAT 7337
(d,3n) α
73-Ta-184
Radionuclide Production Cross Section
72-Hf-179g
72-Hf-179m5
72-Hf-179m10
Cross Section (barns)
Incident Energy (MeV)
17
73-Ta-184

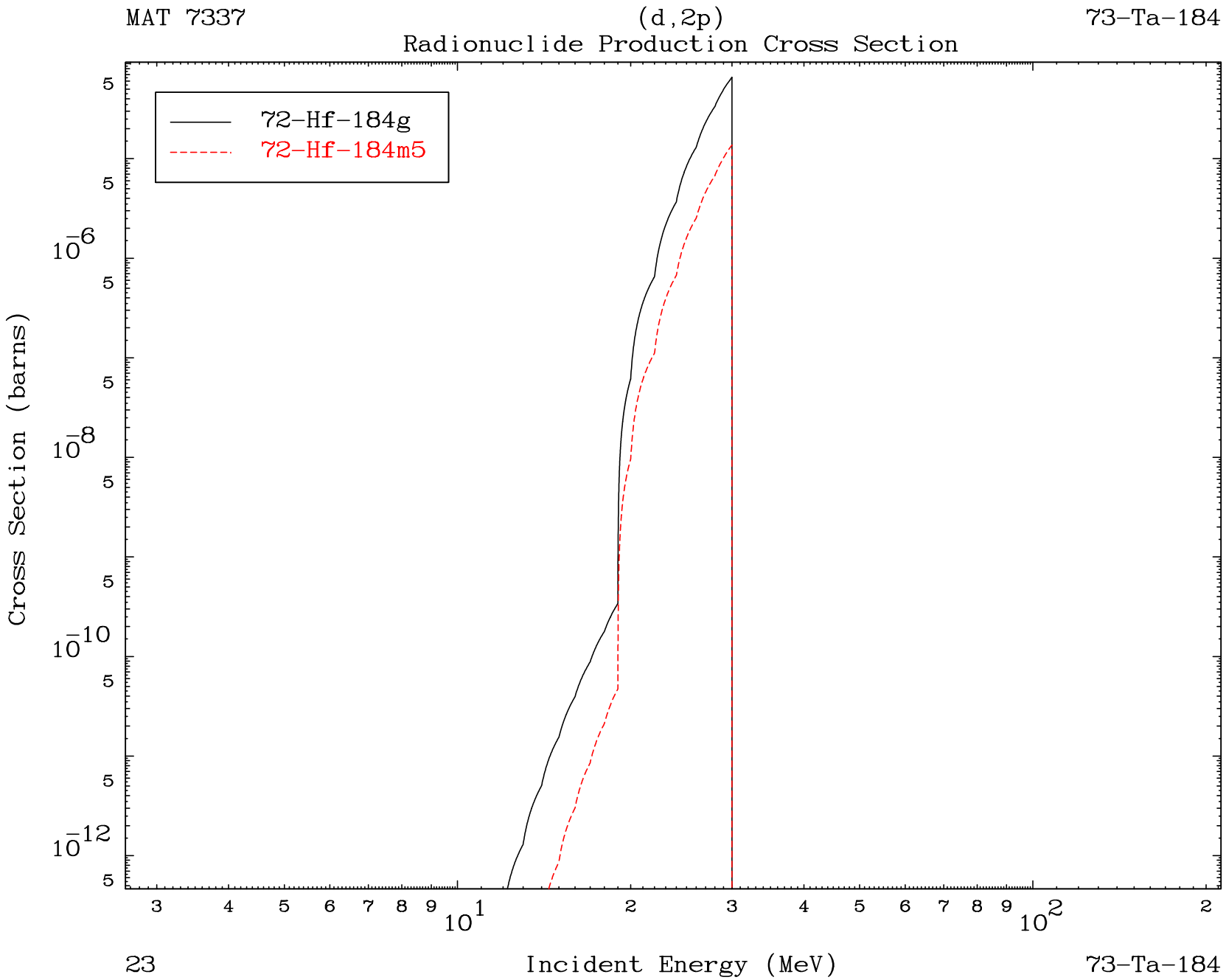

MAT 7337
(d,n') 2α
73-Ta-184
Radionuclide Production Cross Section
70-Yb-177g
70-Yb-177m6
Cross Section (barns)
Incident Energy (MeV)
18
73-Ta-184

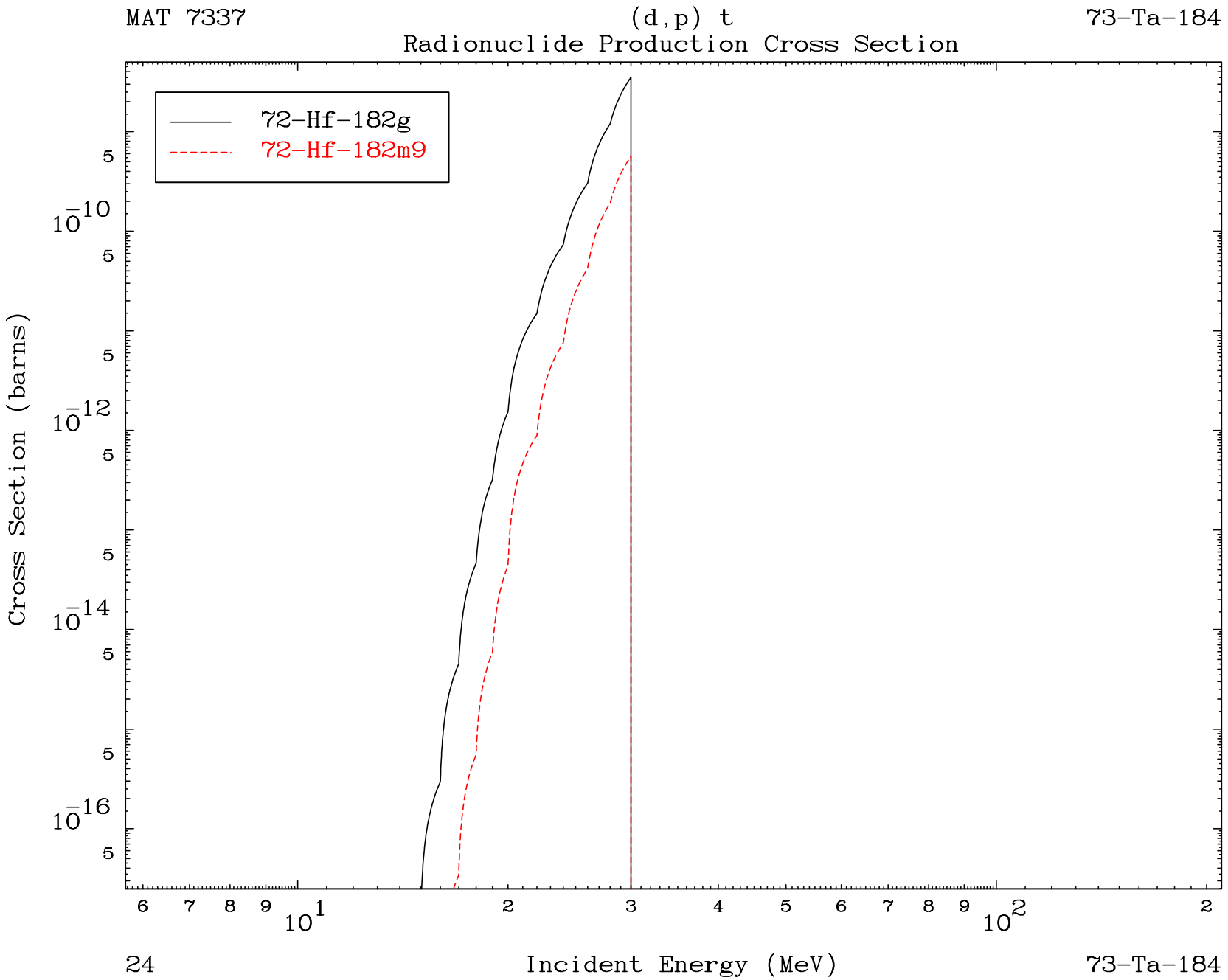

MAT 7337
(d,n') t
73-Ta-184
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m10
Cross Section (barns)
Incident Energy (MeV)
19
73-Ta-184


MAT 7337
(d,n') He-3
73-Ta-184
Radionuclide Production Cross Section
72-Hf-182g
72-Hf-182m9
Cross Section (barns)
Incident Energy (MeV)
20
73-Ta-184


MAT 7337
(d,3n) p
73-Ta-184
Radionuclide Production Cross Section
73-Ta-182g
73-Ta-182m1
73-Ta-182m10
Cross Section (barns)
Incident Energy (MeV)
21
73-Ta-184


MAT 7337
(d,α)
73-Ta-184
Radionuclide Production Cross Section
72-Hf-182g
72-Hf-182m9
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
22
73-Ta-184


MAT 7337
(d,2p)
73-Ta-184
Radionuclide Production Cross Section
72-Hf-184g
72-Hf-184m5
Cross Section (barns)
Incident Energy (MeV)
23
73-Ta-184


MAT 7337
(d,p) t
73-Ta-184
Radionuclide Production Cross Section
72-Hf-182g
72-Hf-182m9
Cross Section (barns)
Incident Energy (MeV)
24
73-Ta-184