Program EVALPLOT
(Version 2018-1)
by
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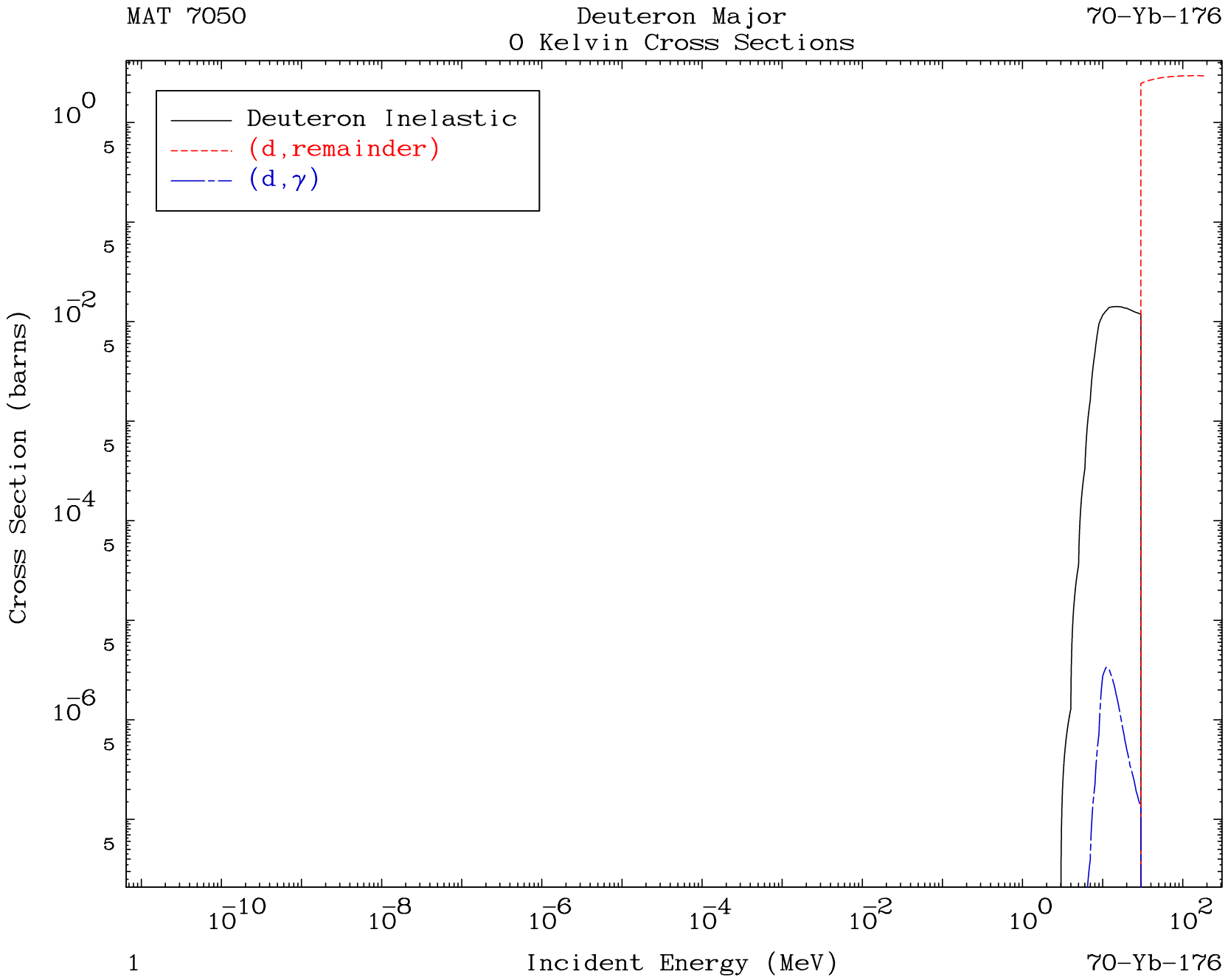
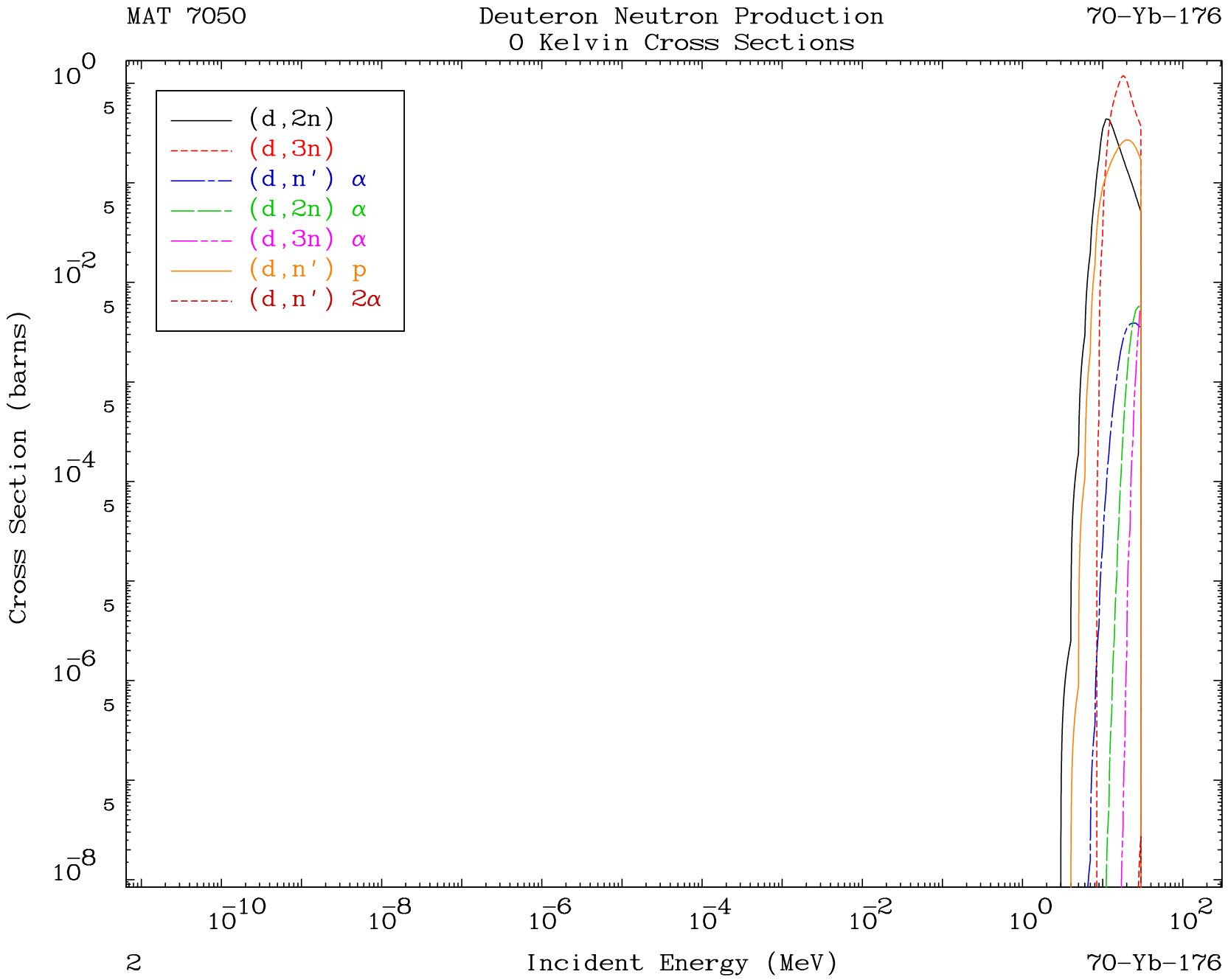
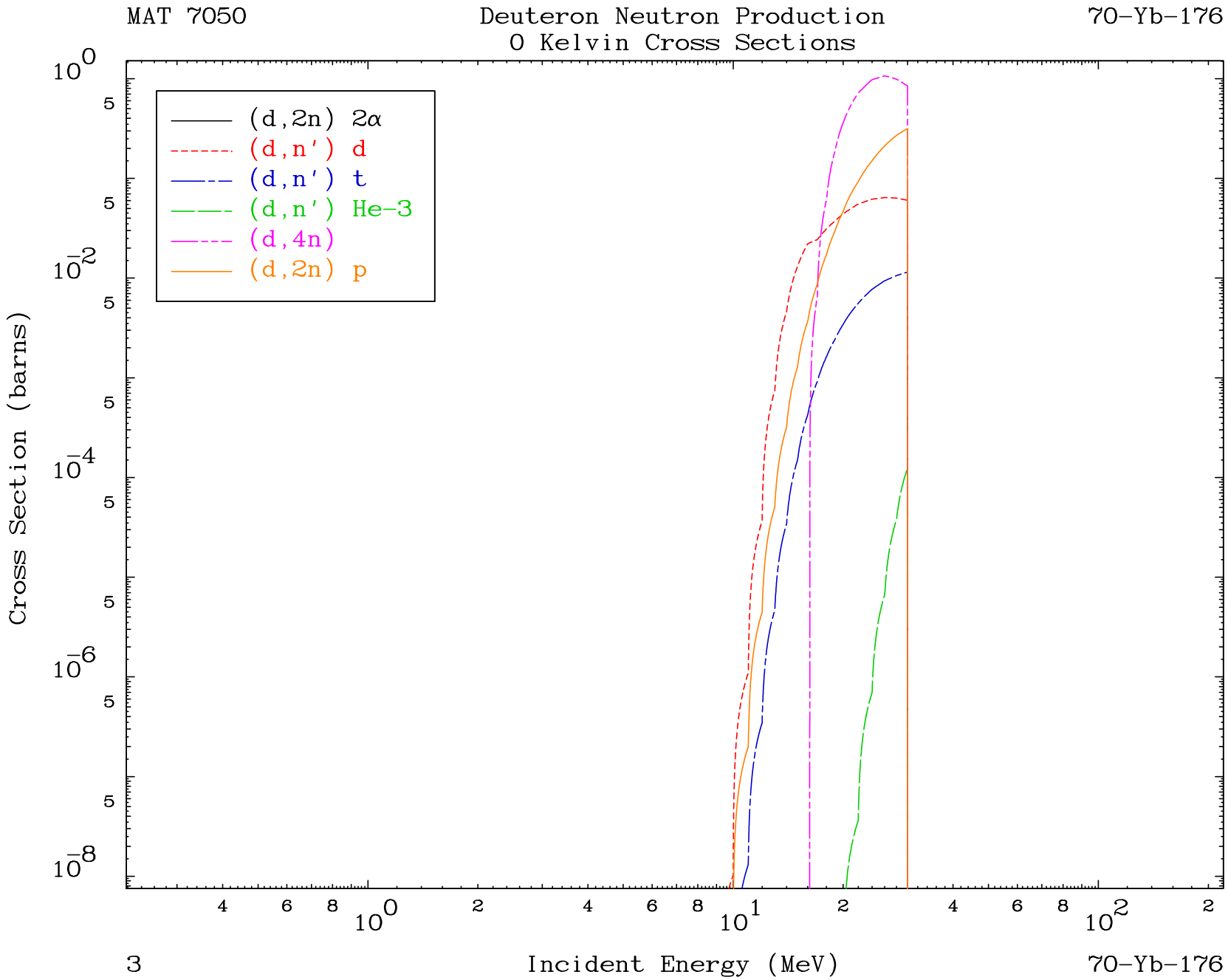
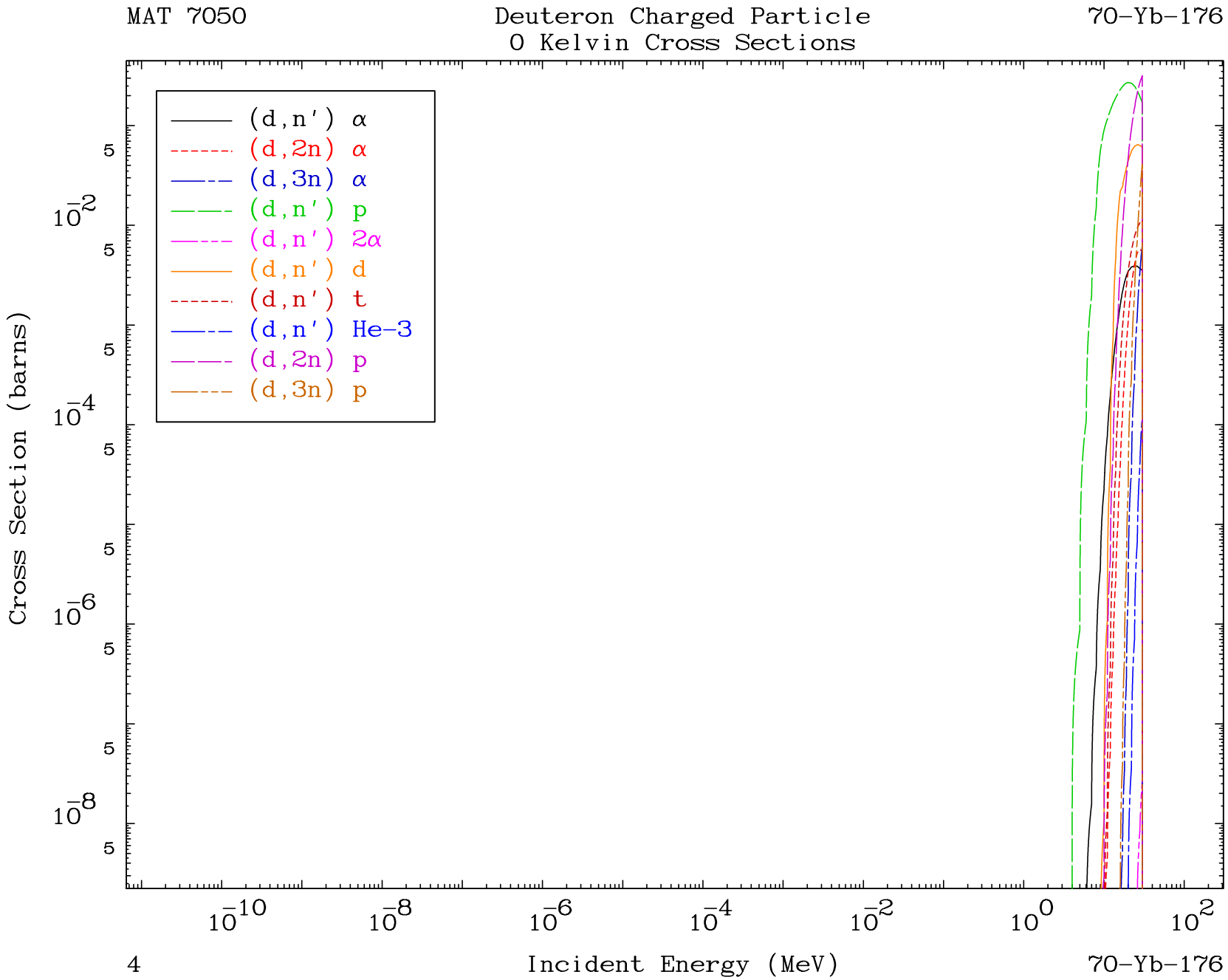
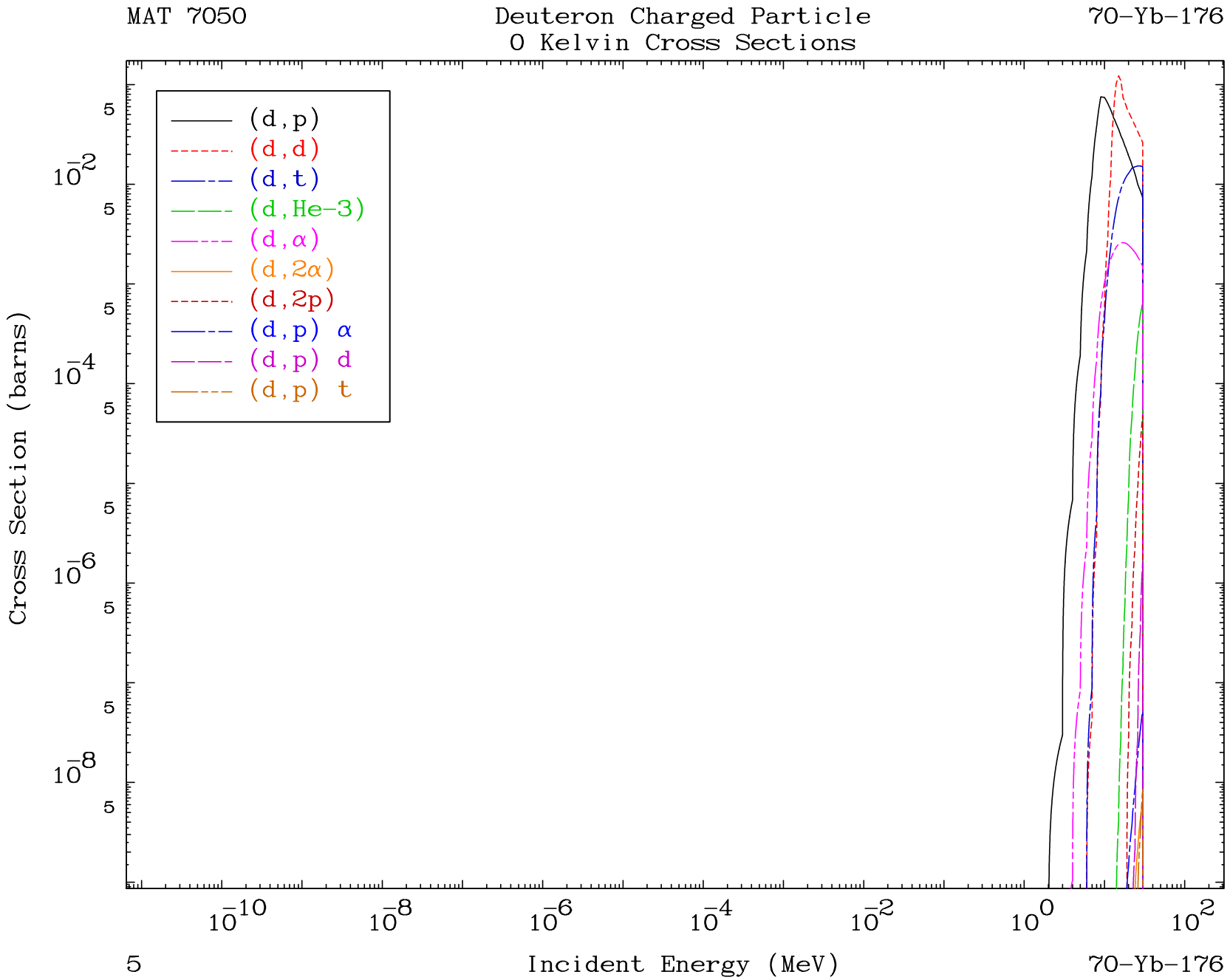
Press Mouse Button to Start

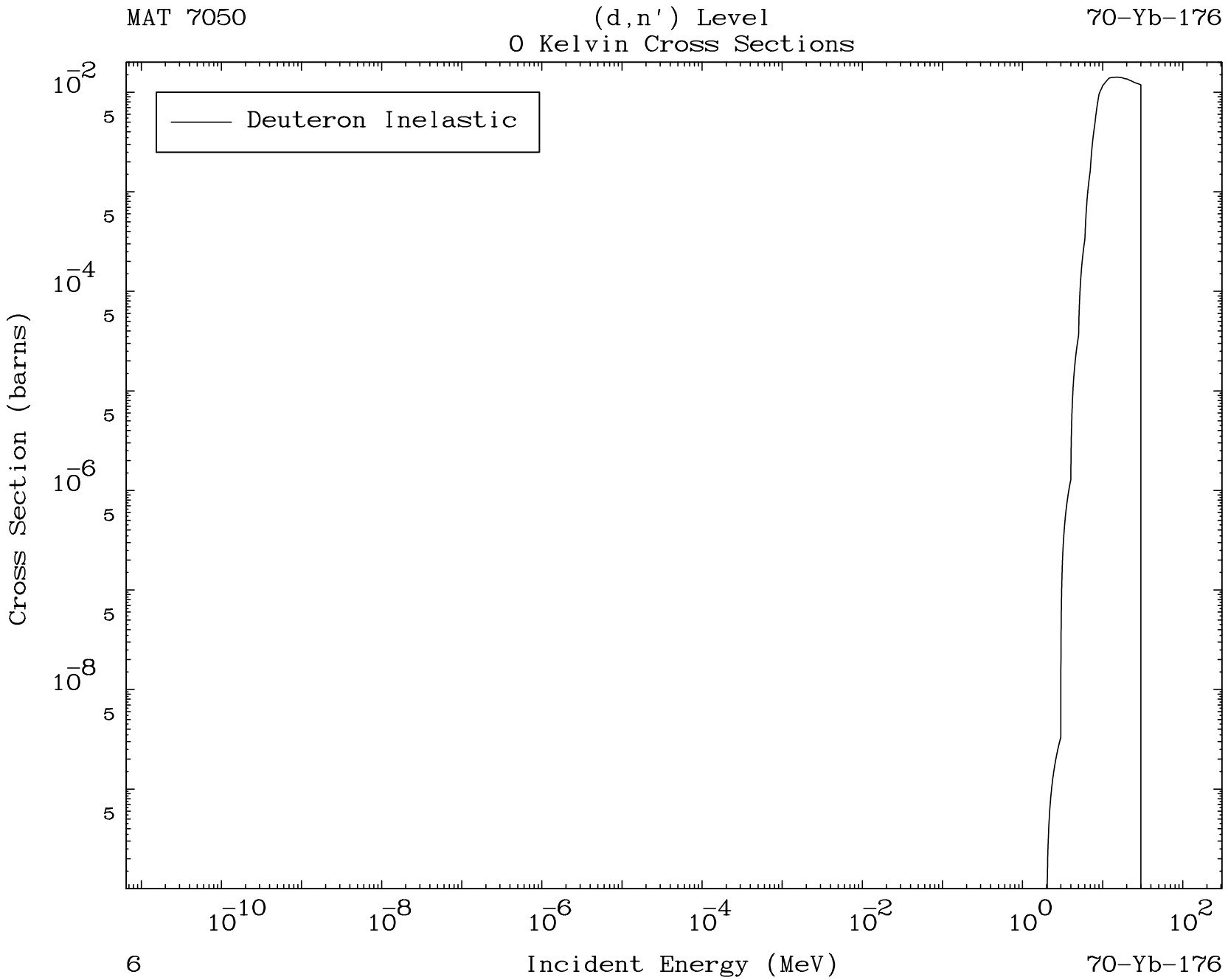

MAT 7050
Deuteron Major
70-Yb-176
0 Kelvin Cross Sections
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
1
70-Yb-176

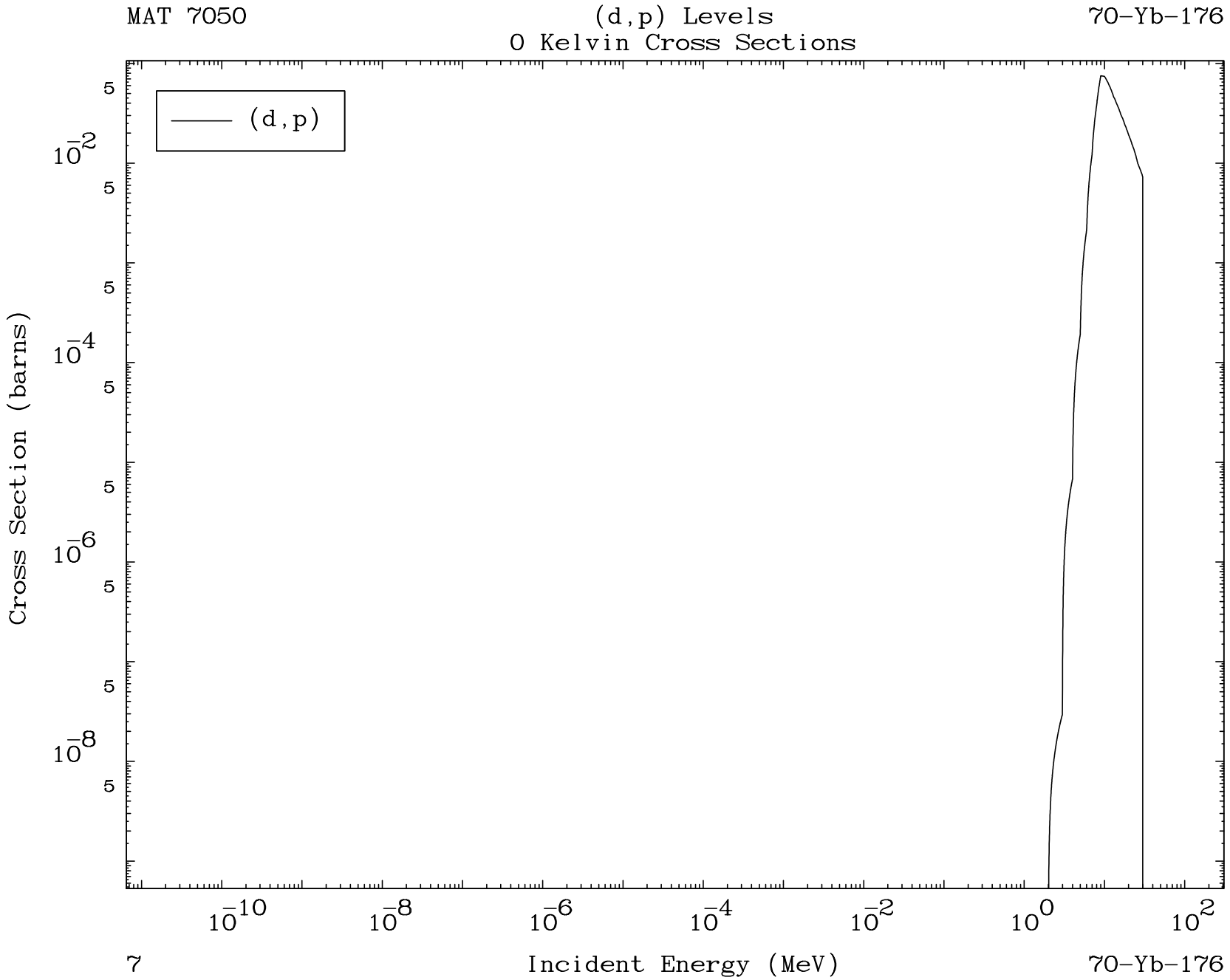

MAT 7050
Deuteron Neutron Production
0 Kelvin Cross Sections
70-Yb-176
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
70-Yb-176

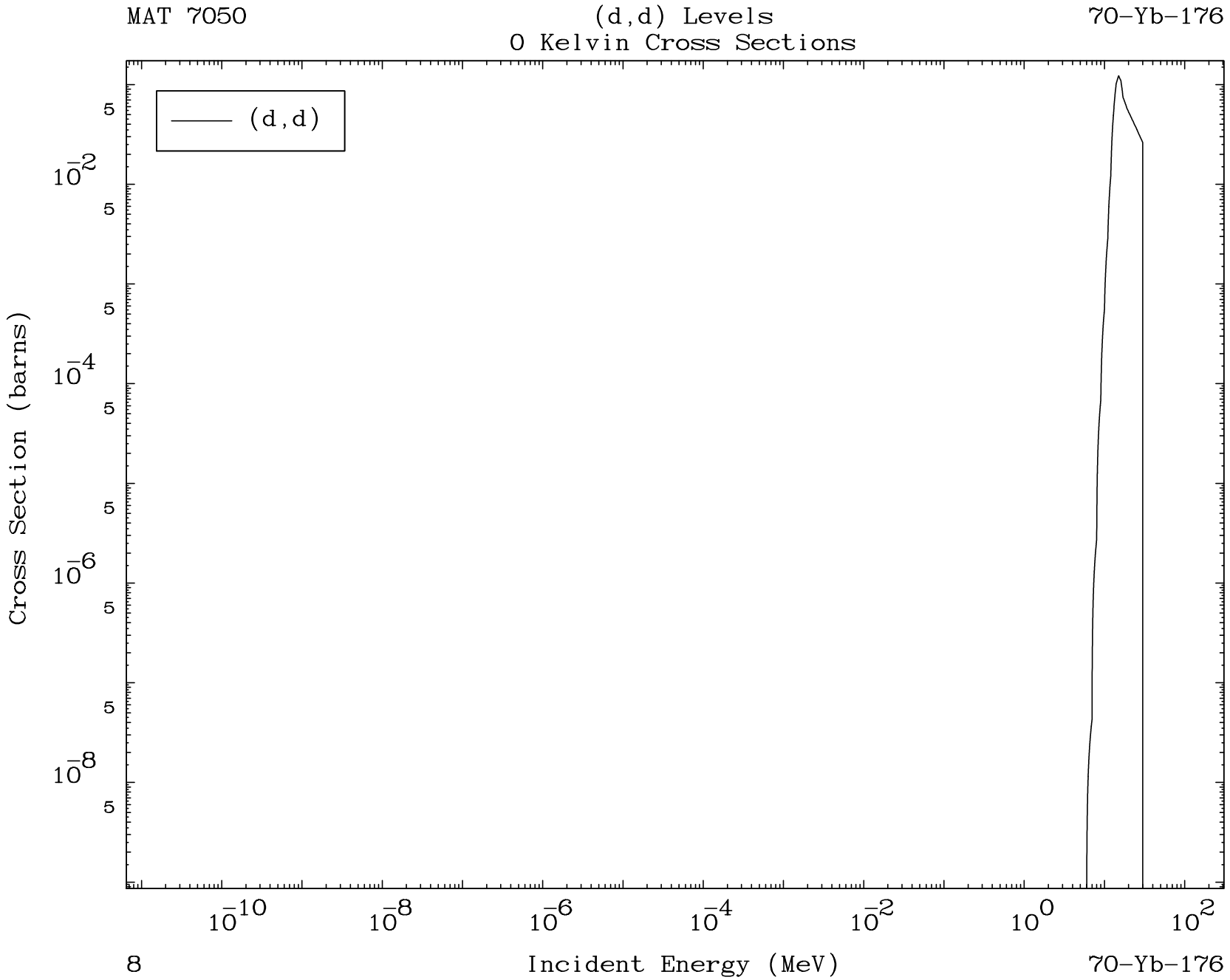

MAT 7050
Deuteron Neutron Production
0 Kelvin Cross Sections
70-Yb-176
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
70-Yb-176

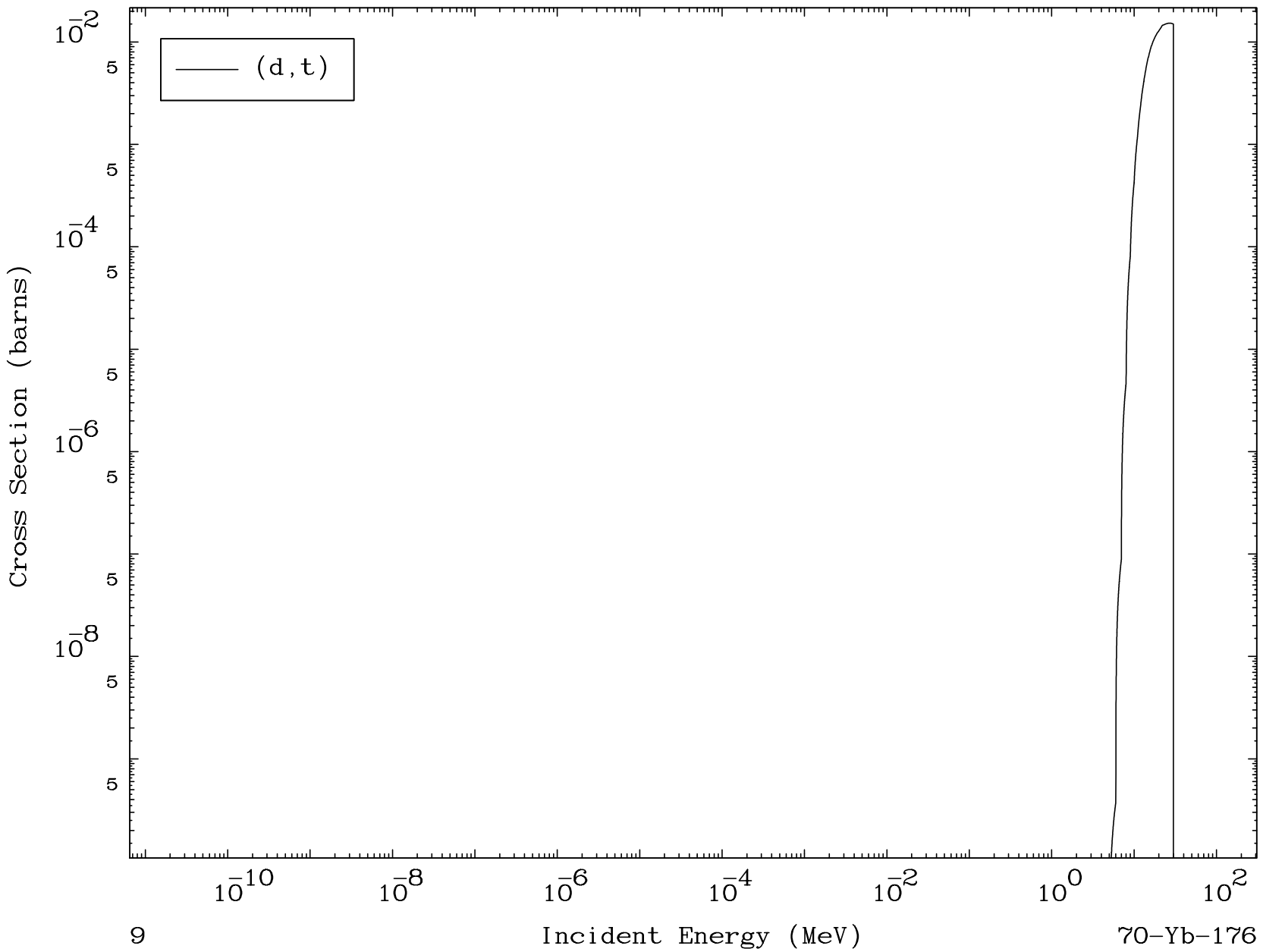

MAT 7050
Deuteron Charged Particle
0 Kelvin Cross Sections
70-Yb-176
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
70-Yb-176

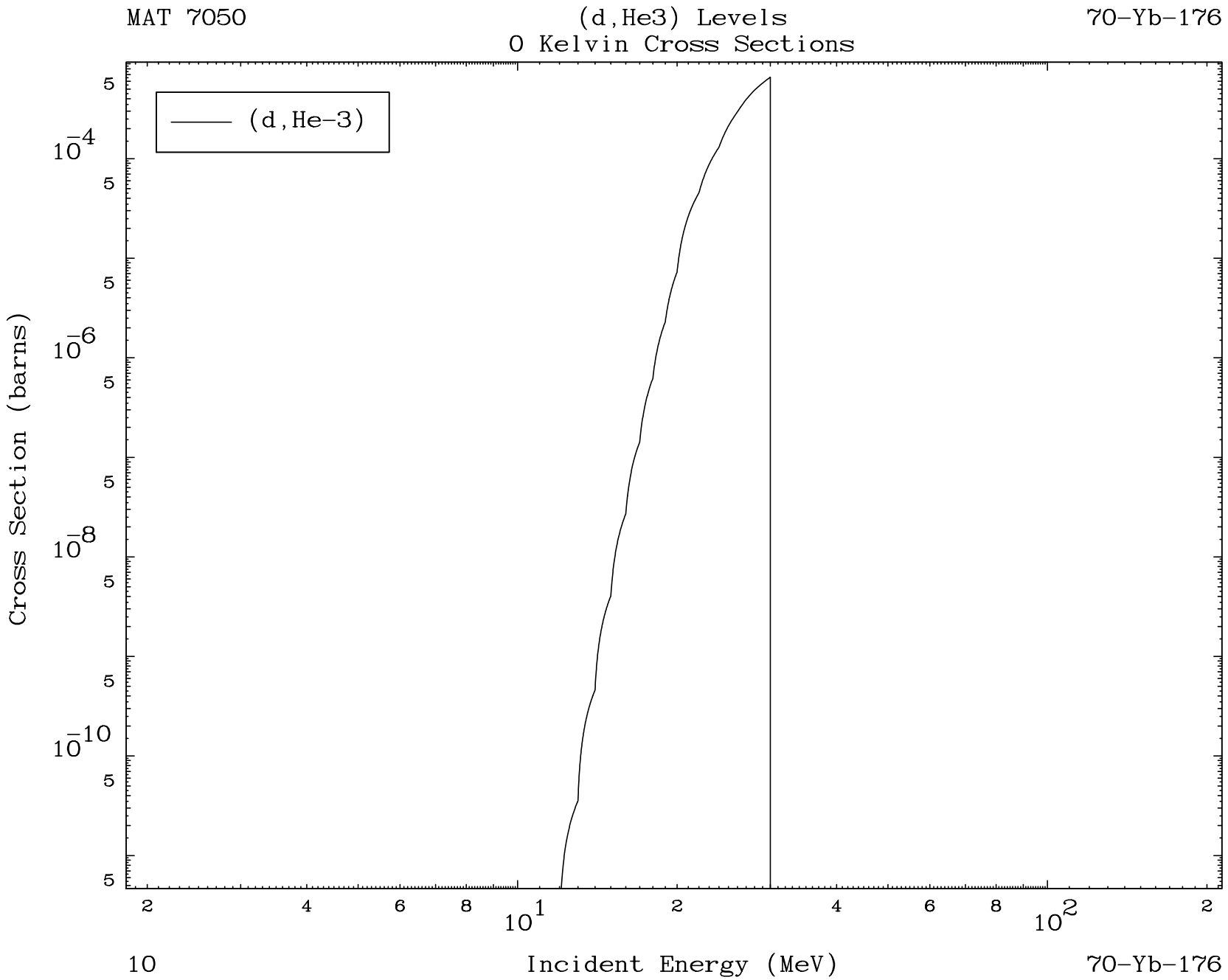

MAT 7050
Deuteron Charged Particle
0 Kelvin Cross Sections
70-Yb-176
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
70-Yb-176

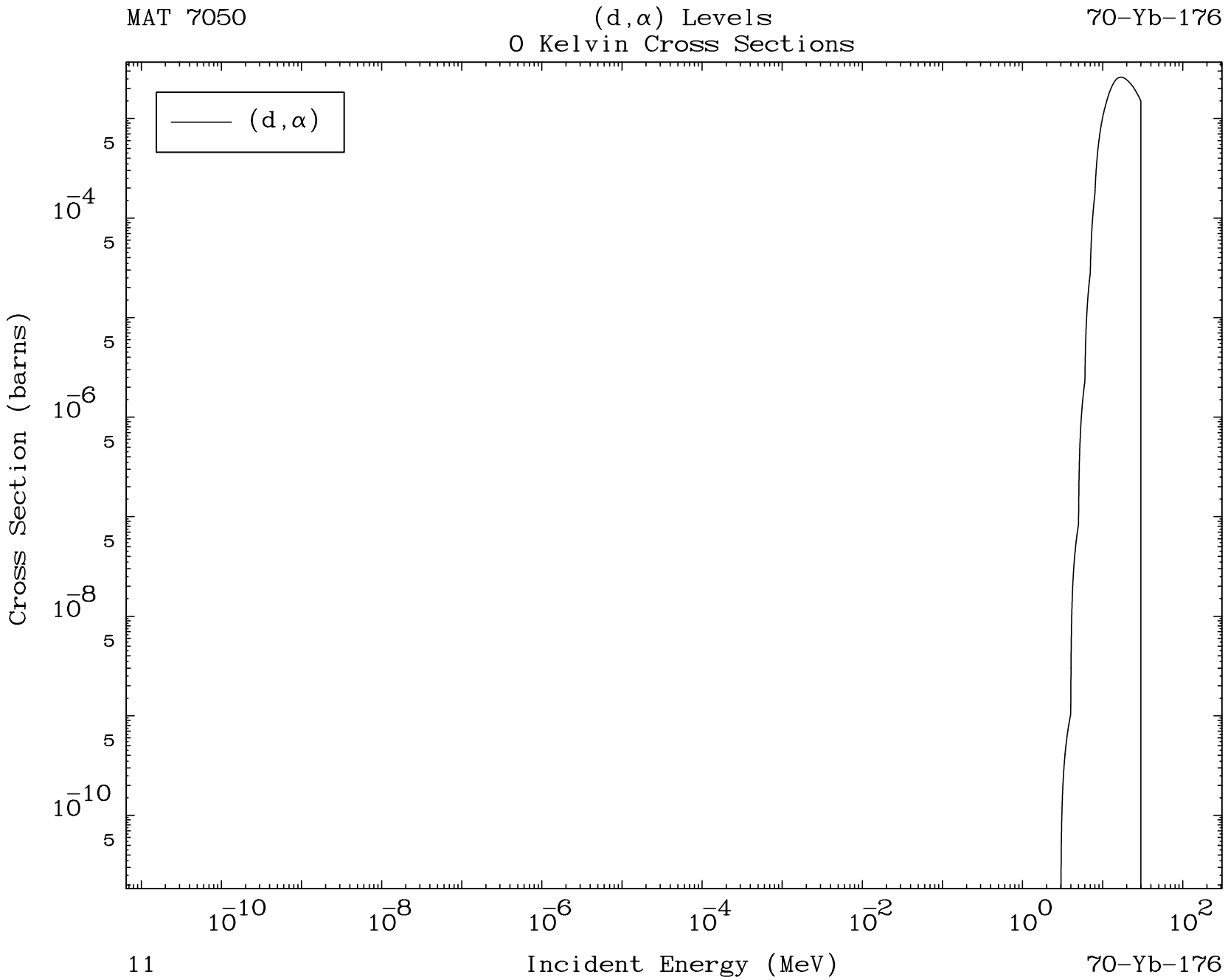

MAT 7050
(d,n') Level
70-Yb-176
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
70-Yb-176

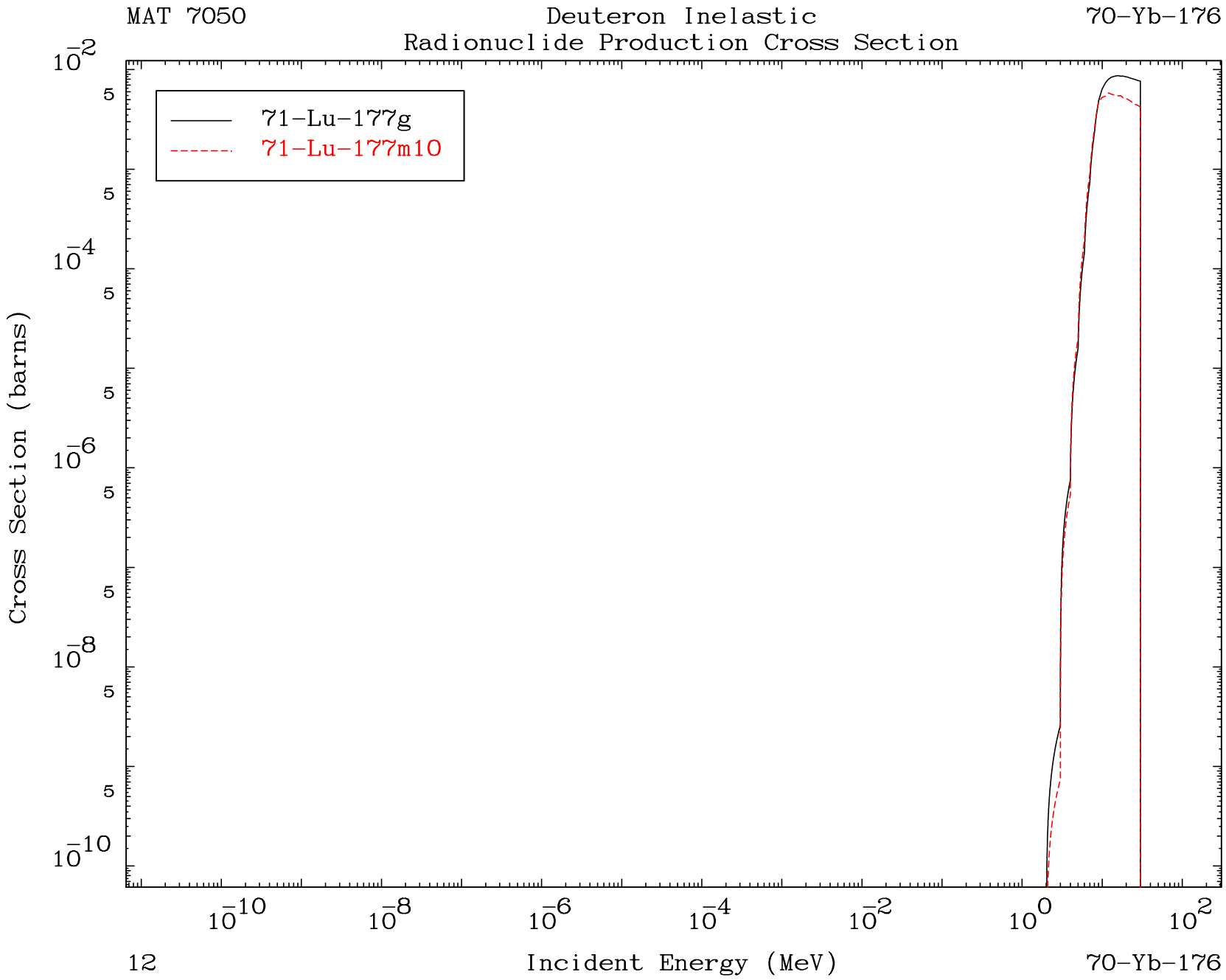

MAT 7050
(d,p) Levels
70-Yb-176
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
70-Yb-176

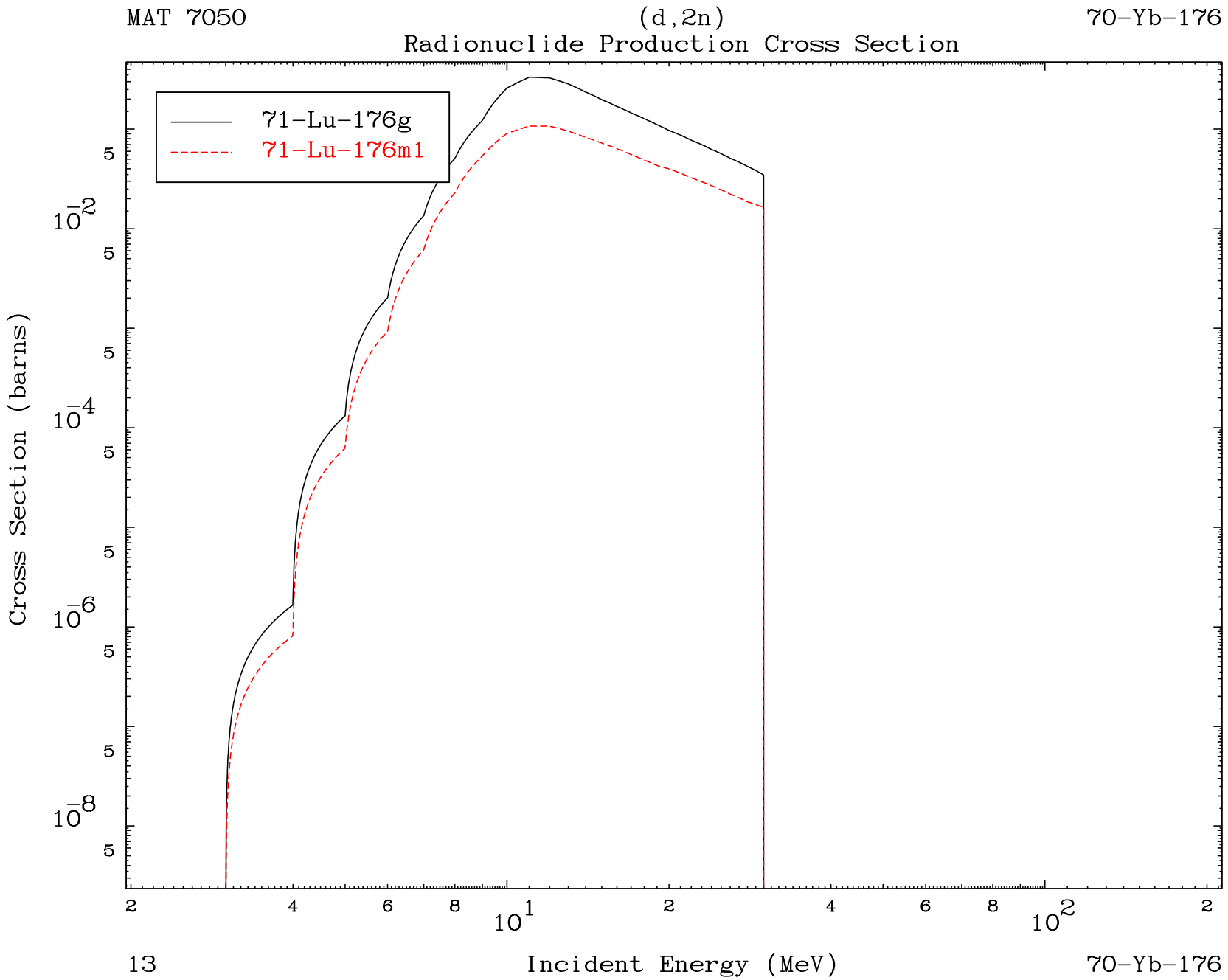

MAT 7050
(d,d) Levels
70-Yb-176
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
70-Yb-176

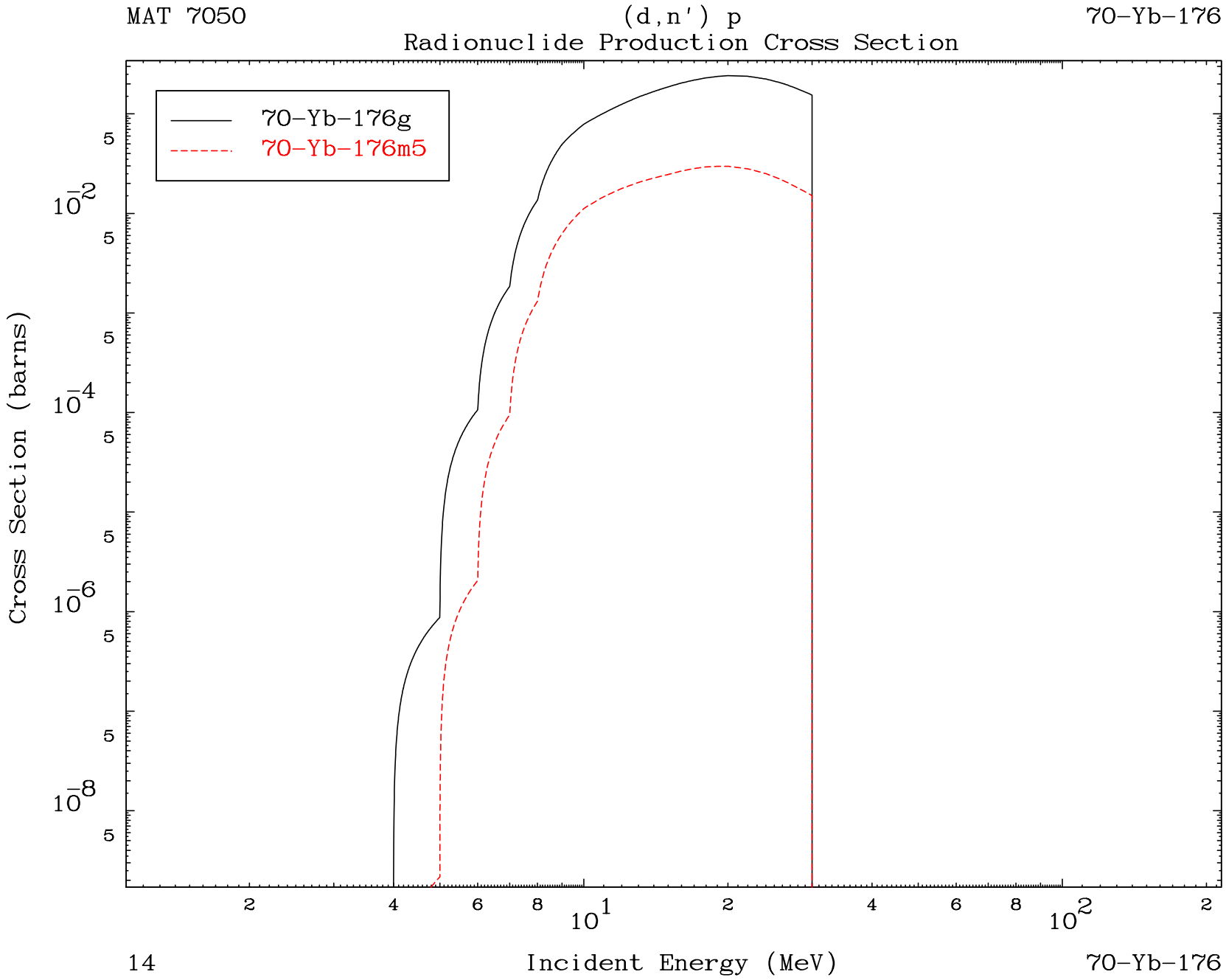

0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
10^-2
10^-4
10^-6
10^-8
10^-10
10^0
10^2
5

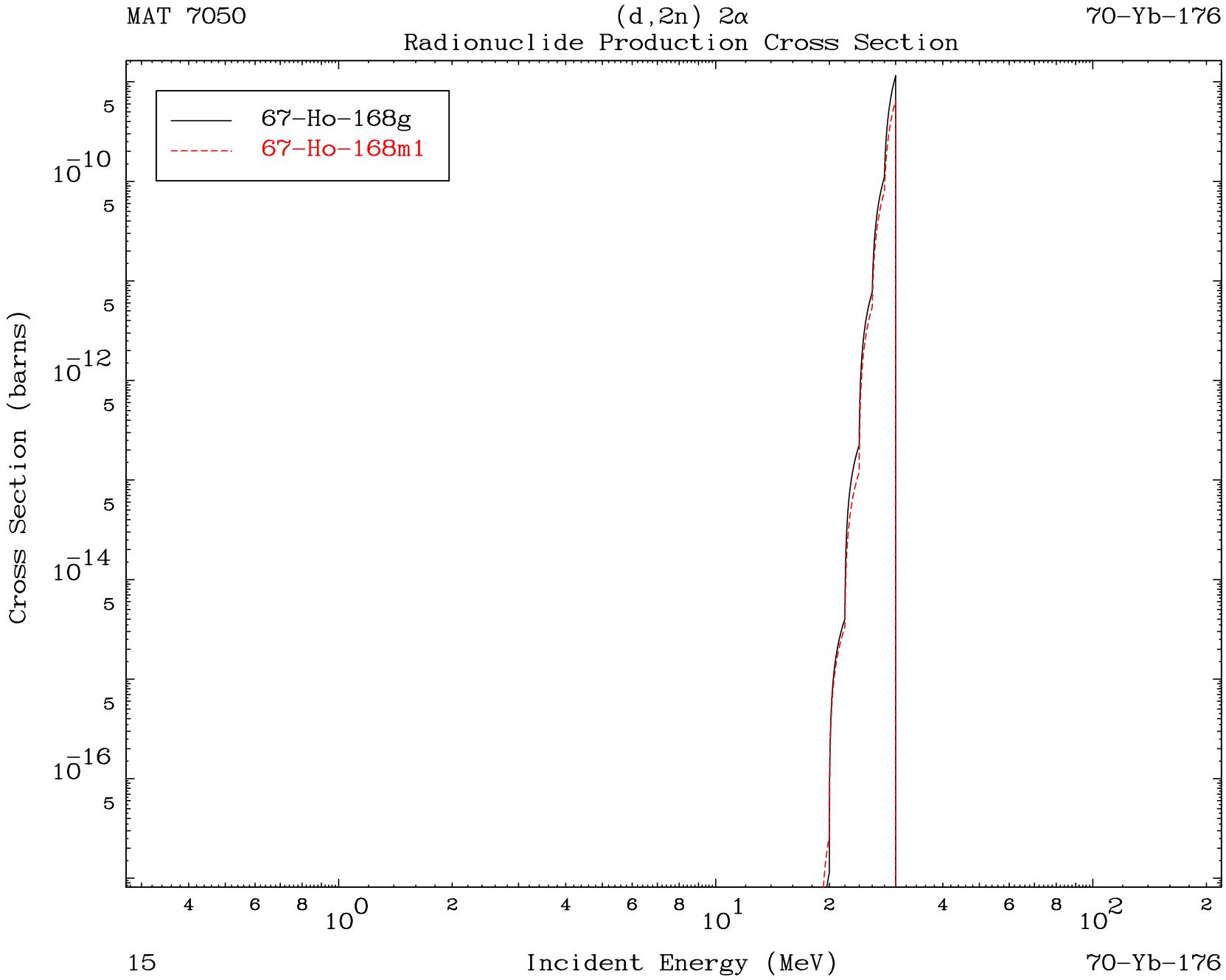

MAT 7050
(d,He3) Levels
70-Yb-176
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
10^1
10^2
70-Yb-176

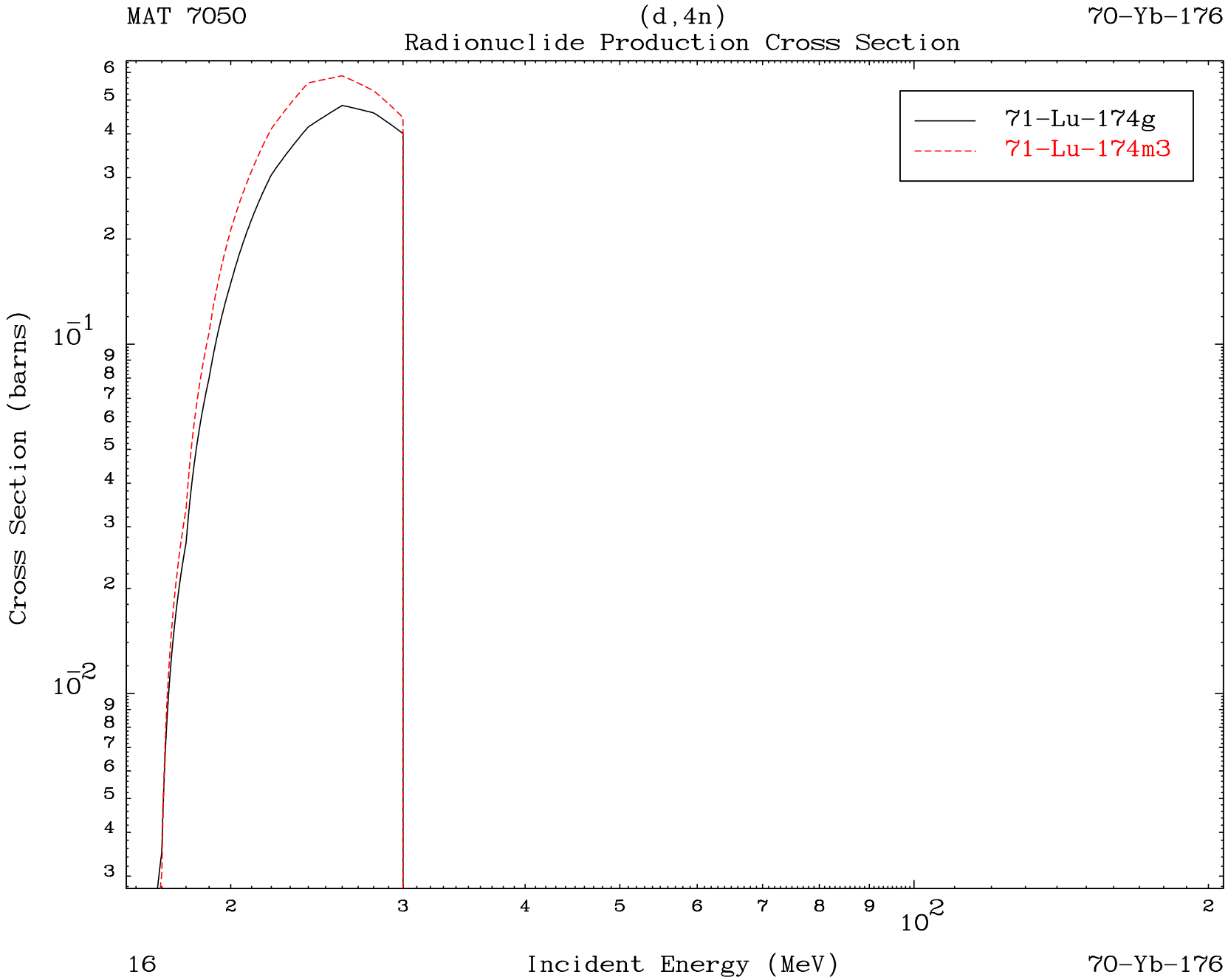

MAT 7050
(d,α) Levels
70-Yb-176
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
11
70-Yb-176

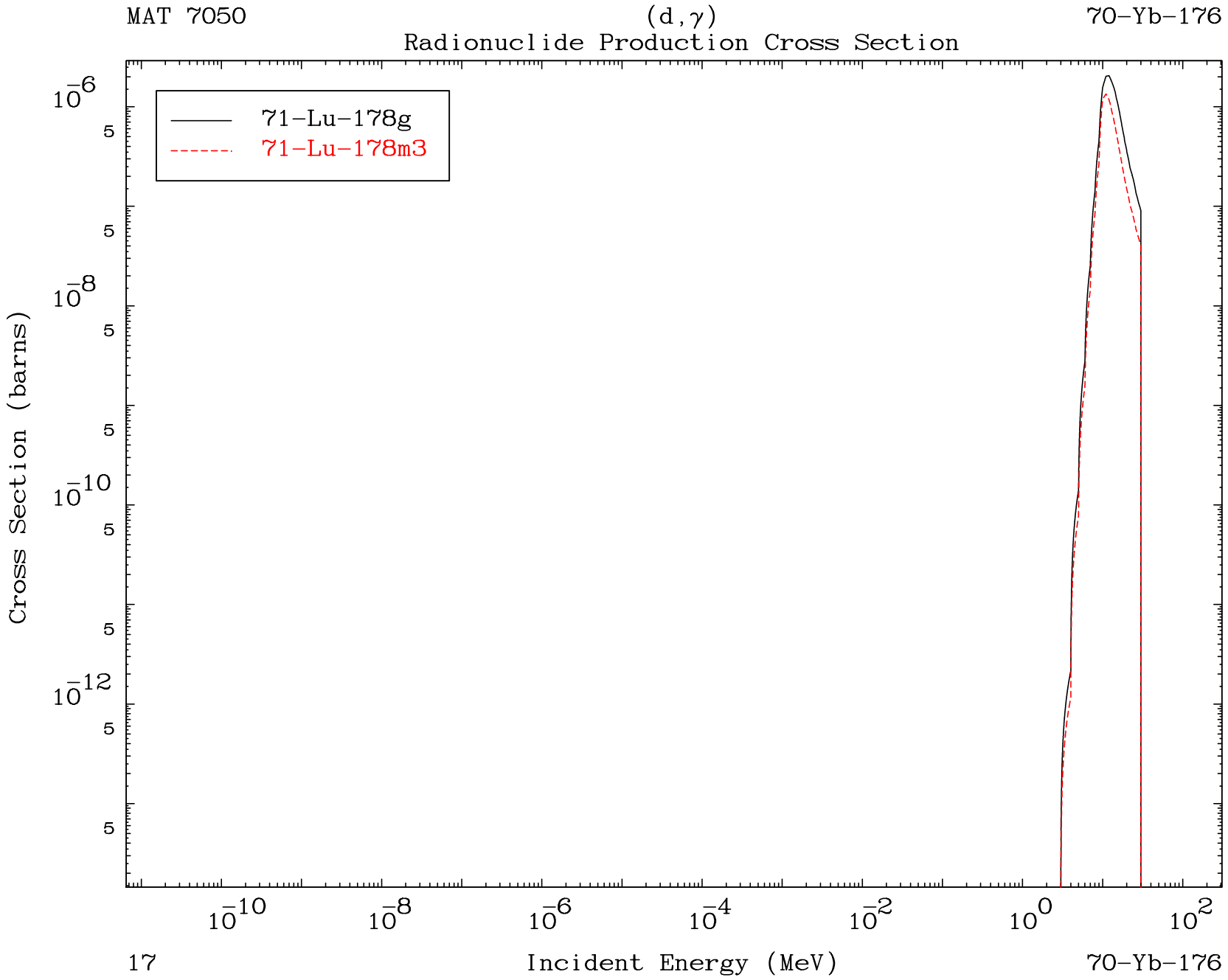

MAT 7050
Deuteron Inelastic
70-Yb-176
Radionuclide Production Cross Section
71-Lu-177g
71-Lu-177m10
Cross Section (barns)
Incident Energy (MeV)
12
70-Yb-176

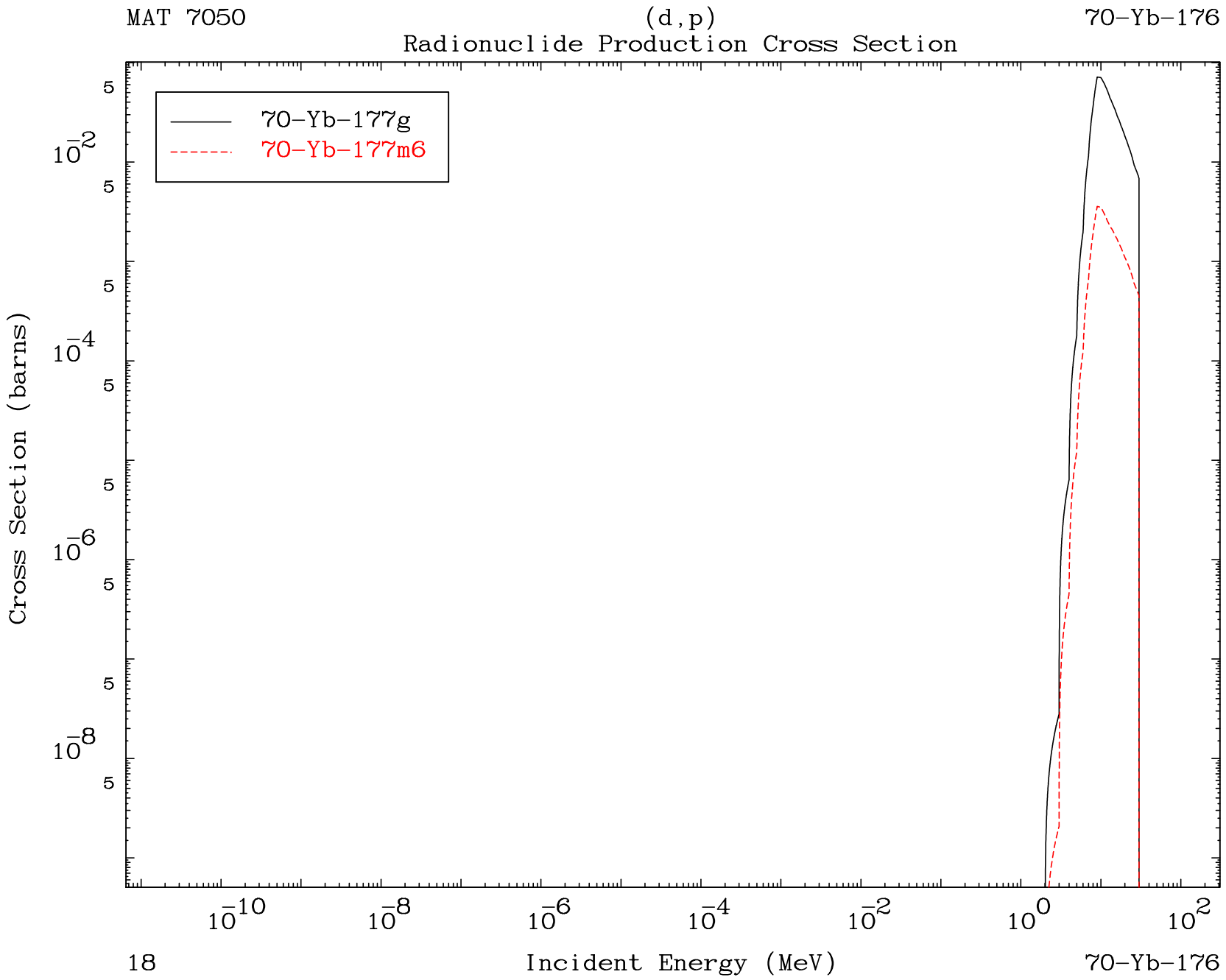

MAT 7050
(d,2n)
70-Yb-176
Radionuclide Production Cross Section
71-Lu-176g
71-Lu-176m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
13
Incident Energy (MeV)
70-Yb-176

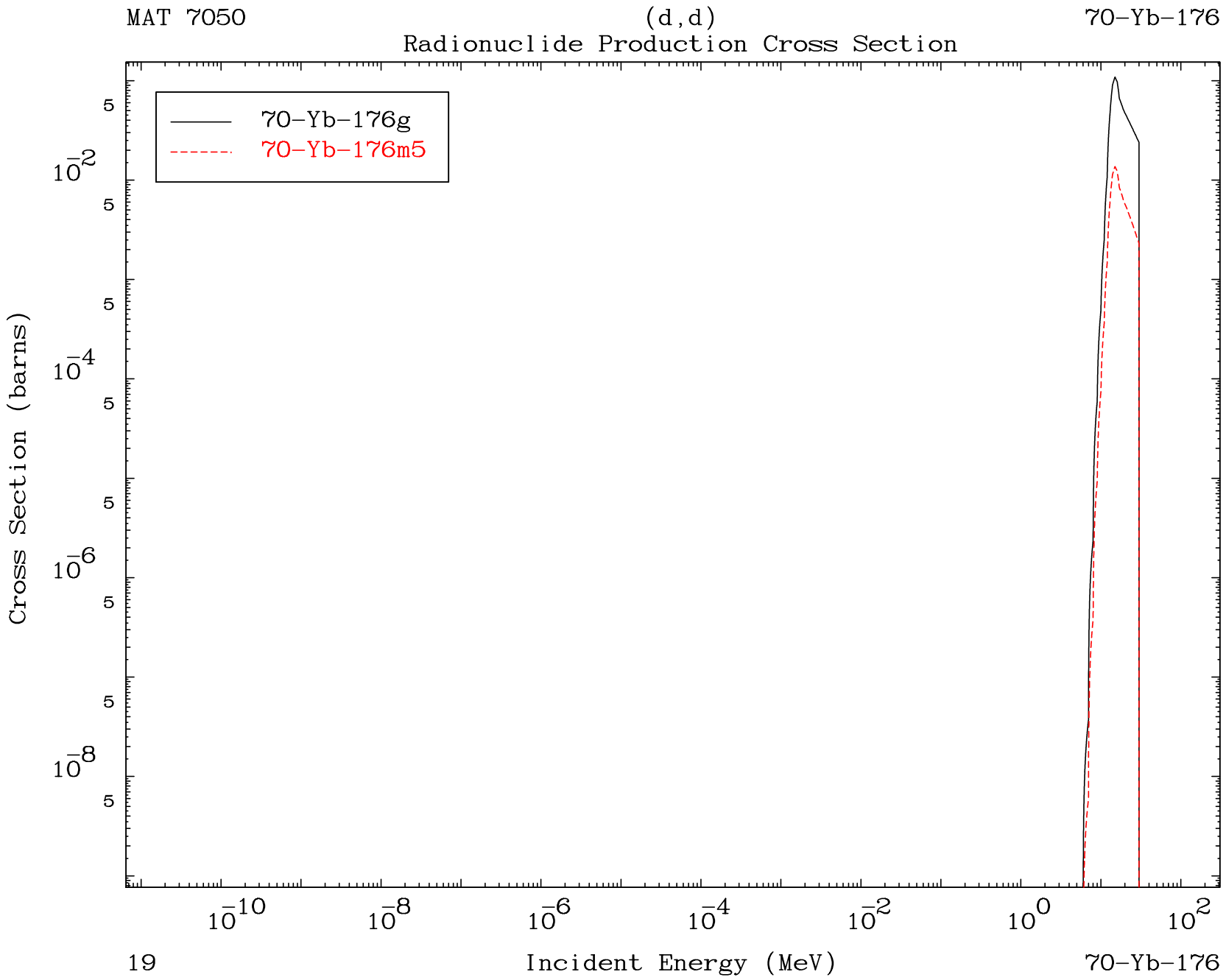

MAT 7050
(d,n') p
70-Yb-176
Radionuclide Production Cross Section
70-Yb-176g
70-Yb-176m5
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
14
Incident Energy (MeV)
70-Yb-176

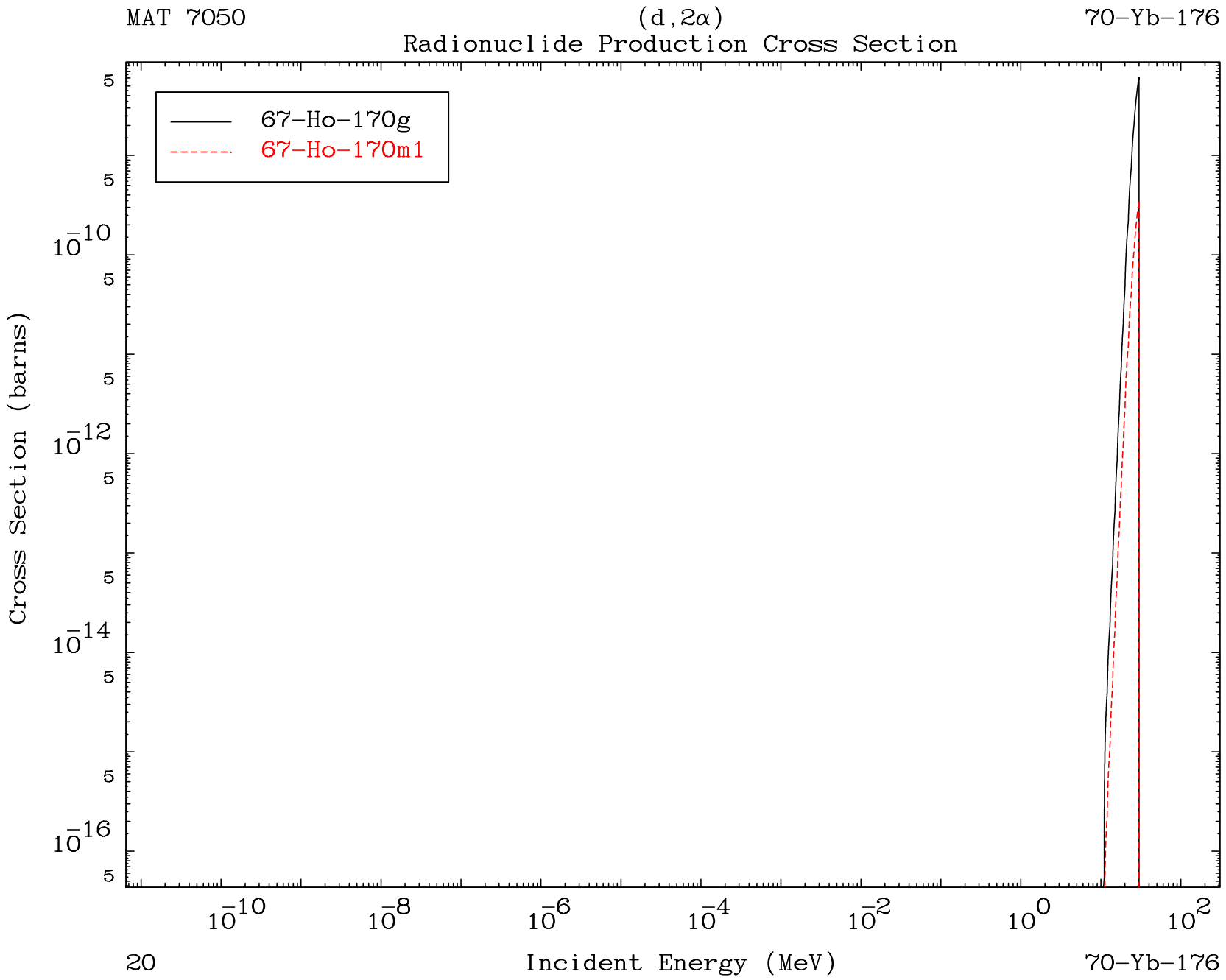

MAT 7050
(d,2n) 2α
70-Yb-176
Radionuclide Production Cross Section
67-Ho-168g
67-Ho-168m1
Cross Section (barns)
10-10
10-12
10-14
10-16
100
101
102
Incident Energy (MeV)
15
70-Yb-176


MAT 7050
(d,4n)
70-Yb-176
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
Incident Energy (MeV)
16
70-Yb-176


MAT 7050
(d,γ)
70-Yb-176
Radionuclide Production Cross Section
71-Lu-178g
71-Lu-178m3
Cross Section (barns)
Incident Energy (MeV)
17
70-Yb-176


MAT 7050
(d,p)
70-Yb-176
Radionuclide Production Cross Section
70-Yb-177g
70-Yb-177m6
Cross Section (barns)
Incident Energy (MeV)
18
70-Yb-176


MAT 7050
(d,d)
70-Yb-176
Radionuclide Production Cross Section
70-Yb-176g
70-Yb-176m5
Cross Section (barns)
Incident Energy (MeV)
19
70-Yb-176


MAT 7050
(d,2α)
70-Yb-176
Radionuclide Production Cross Section
67-Ho-170g
67-Ho-170m1
Cross Section (barns)
Incident Energy (MeV)
20
70-Yb-176