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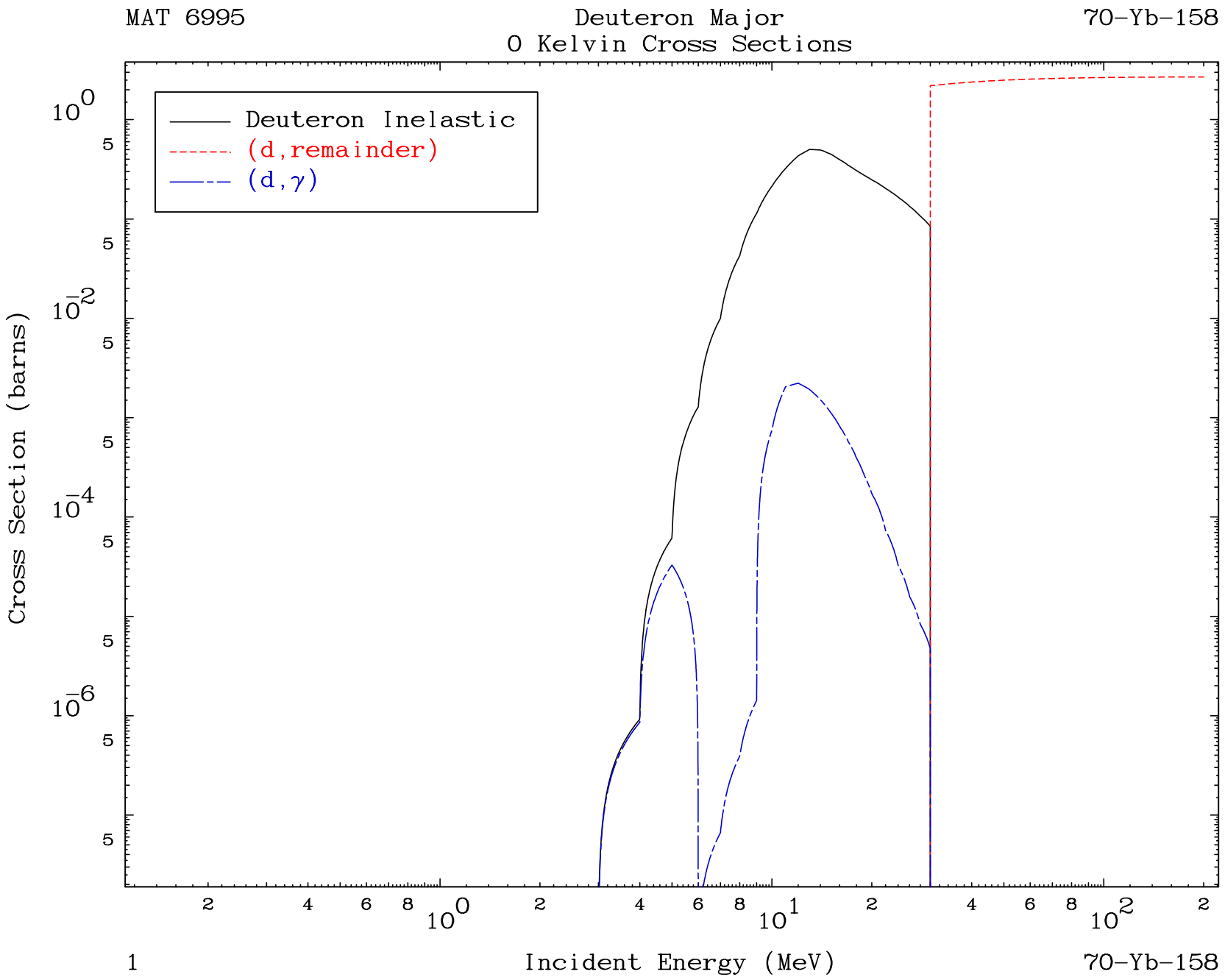
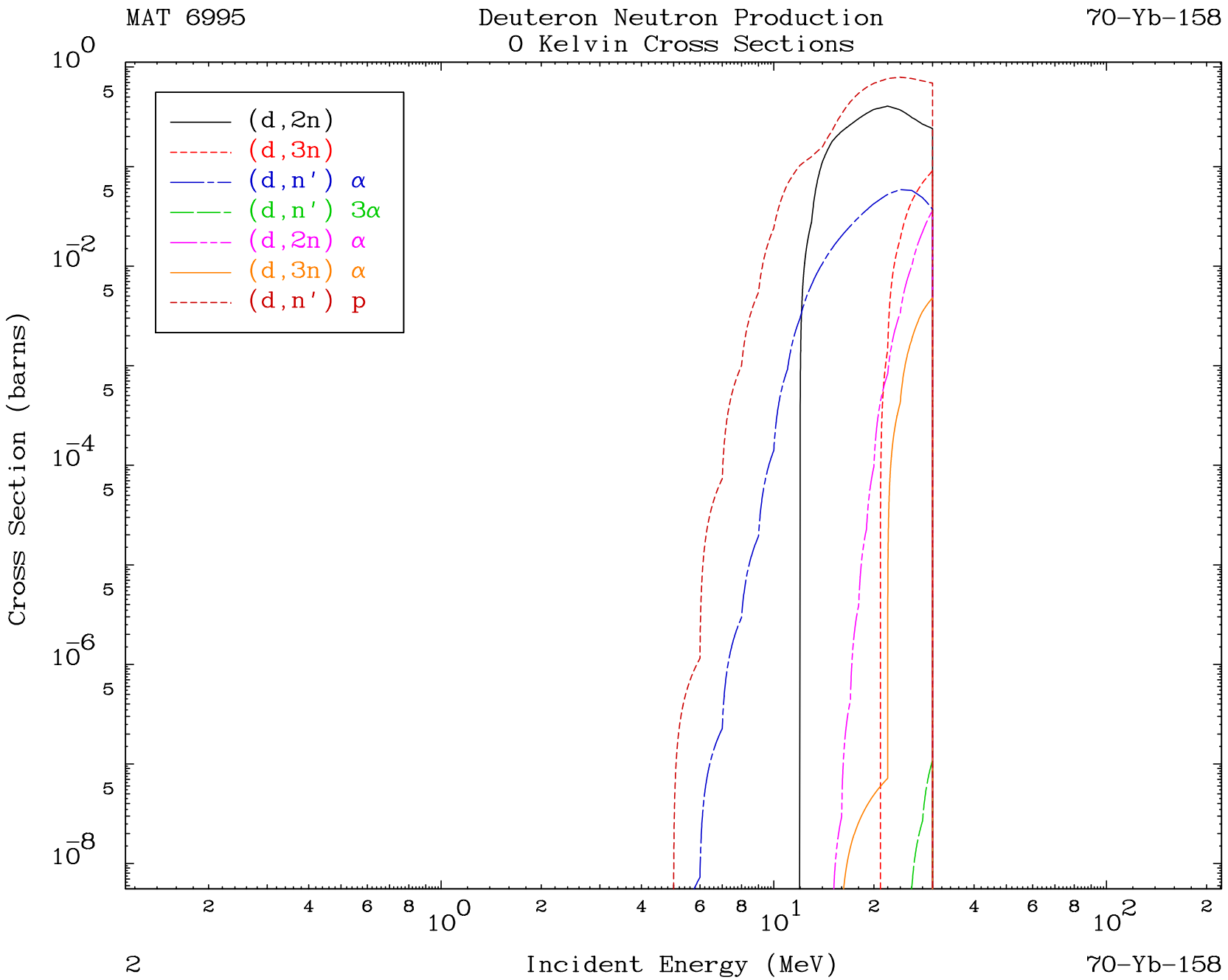
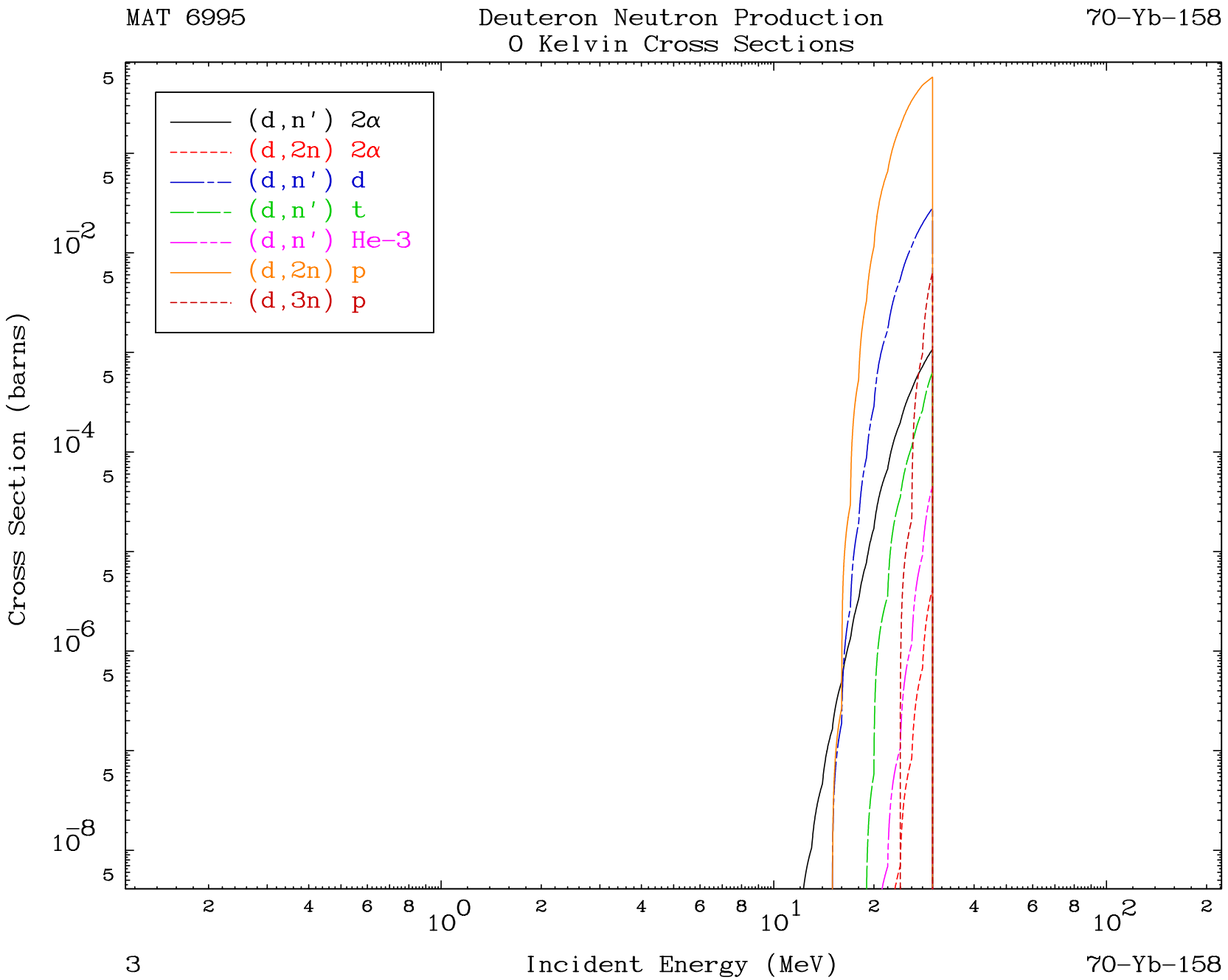
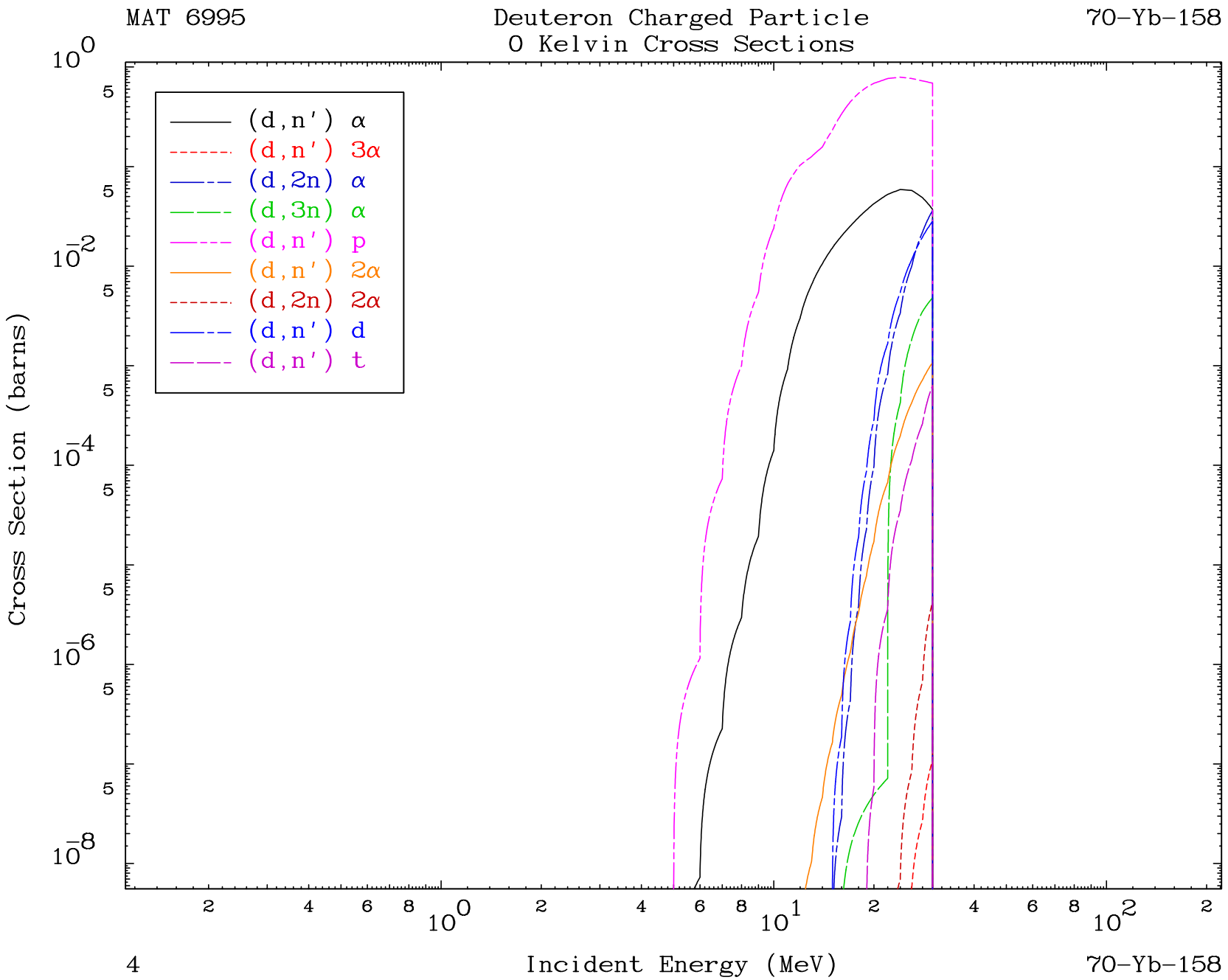
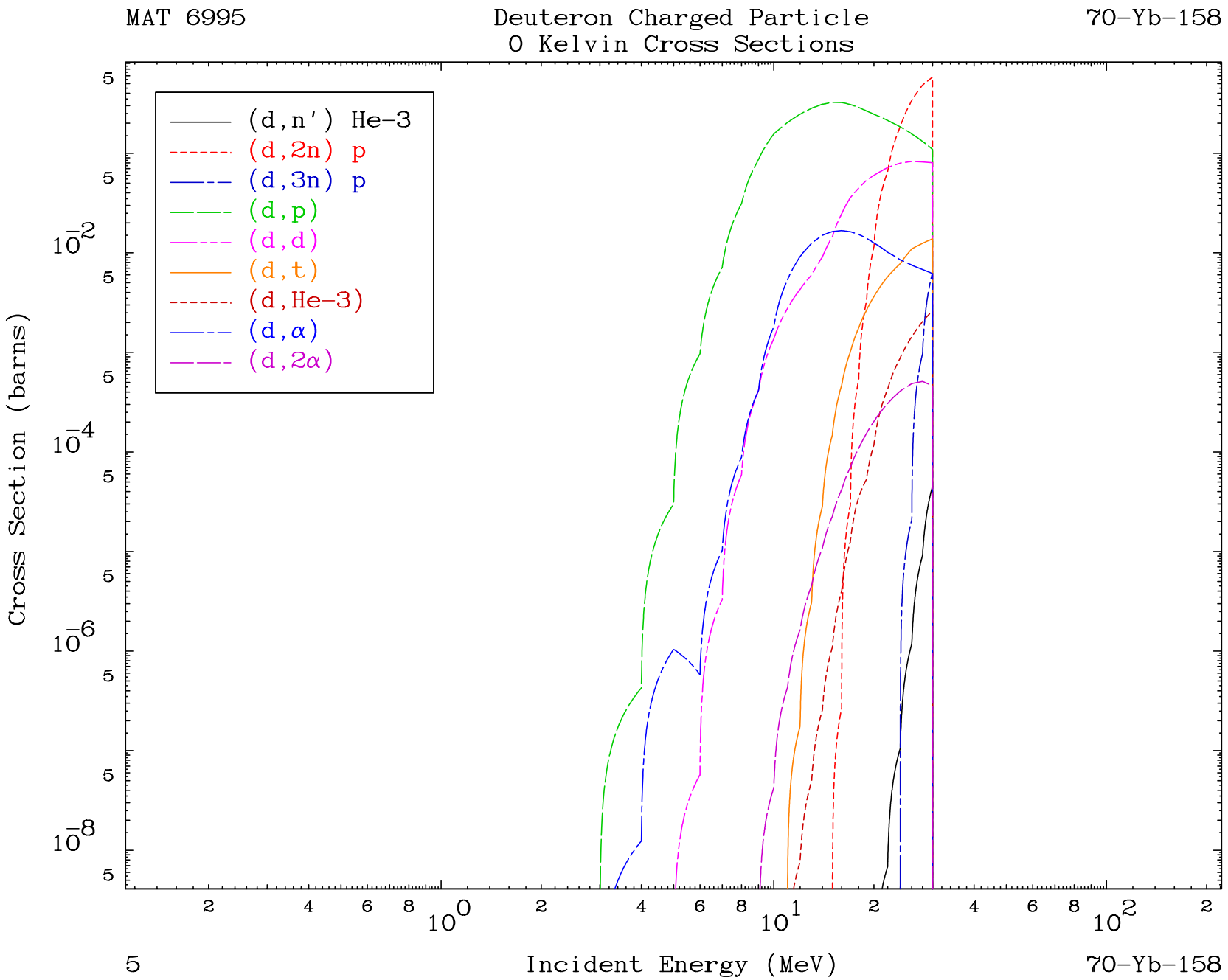
Press Mouse Button to Start

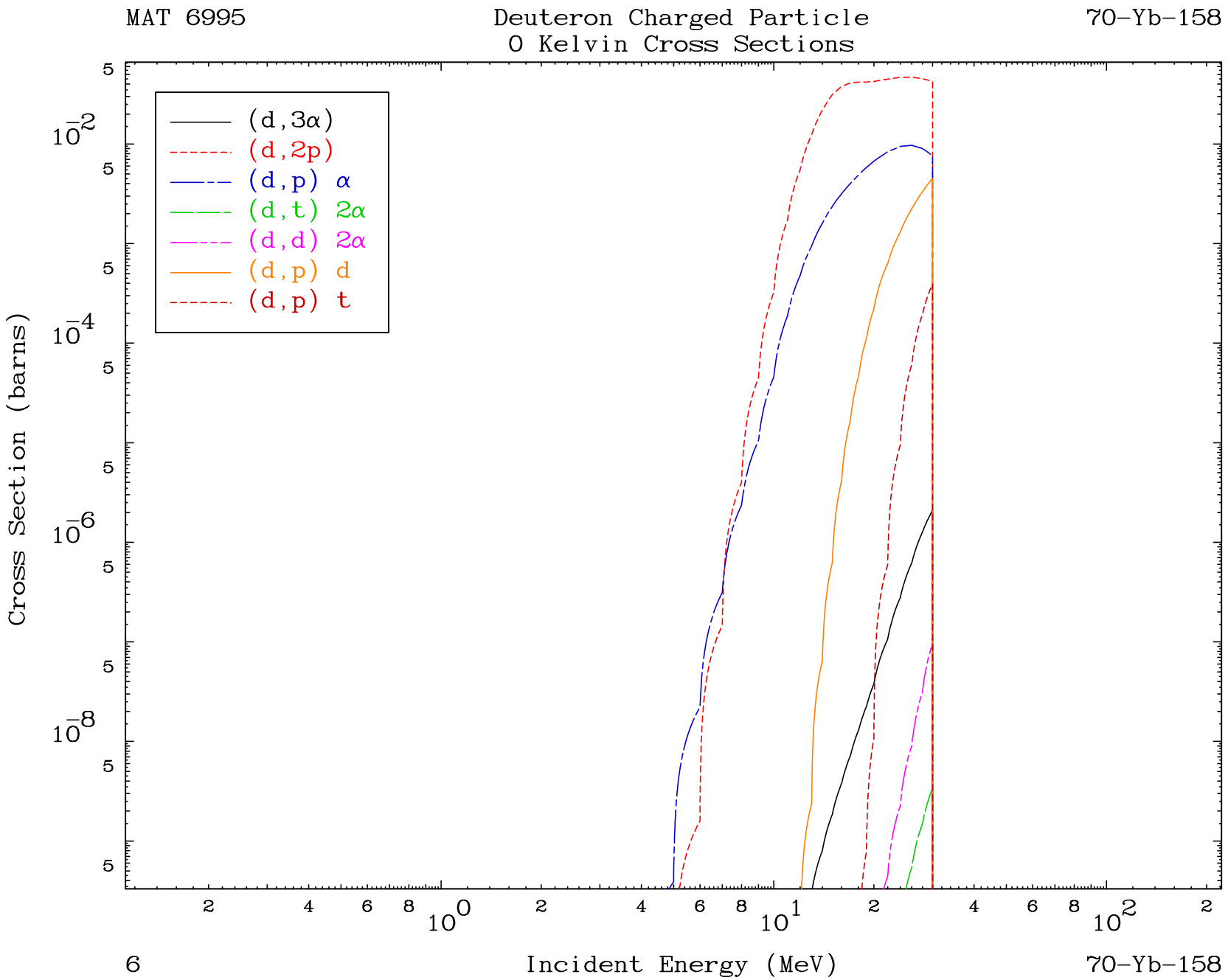

MAT 6995
Deuteron Major
0 Kelvin Cross Sections
70-Yb-158
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
70-Yb-158
1

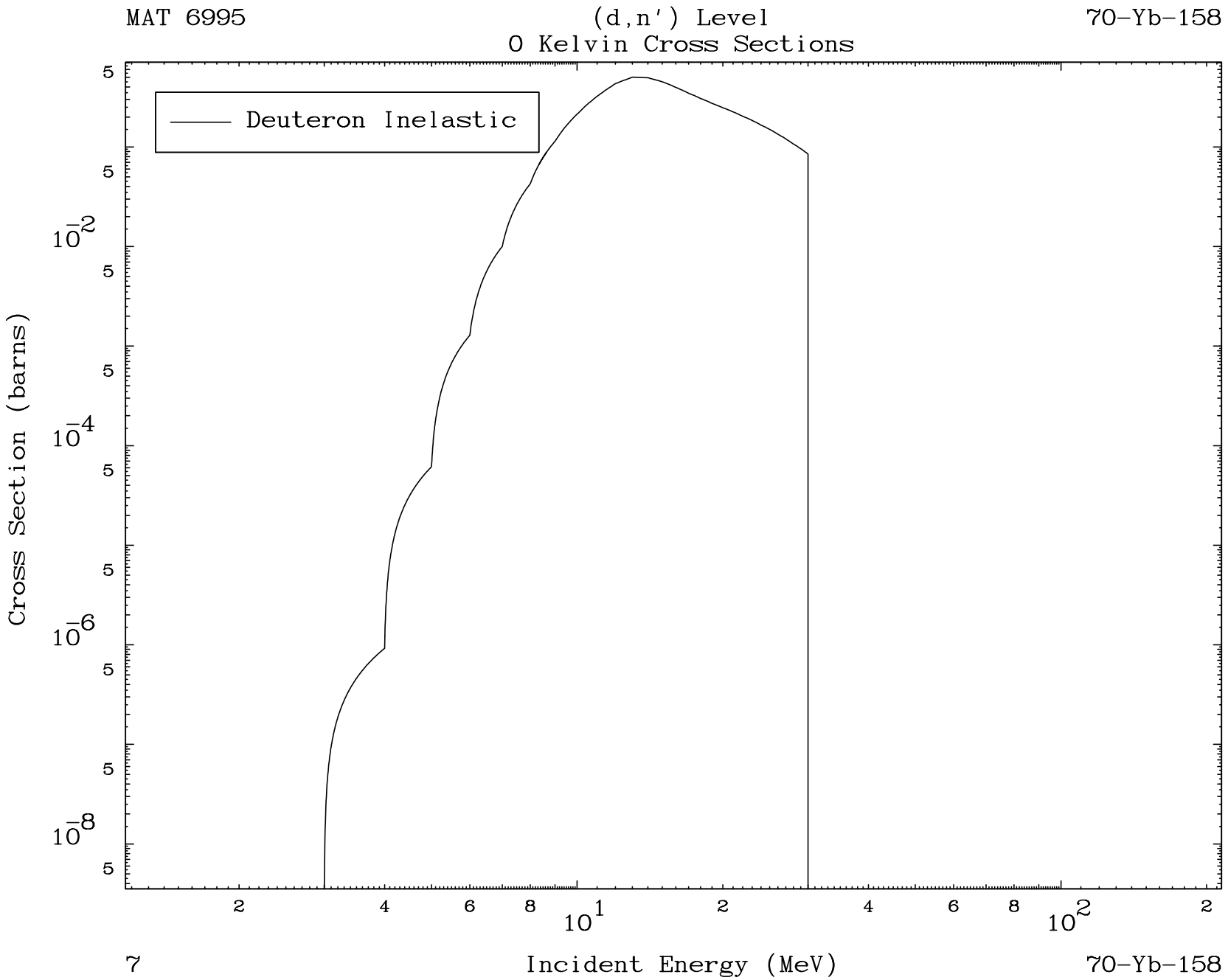

MAT 6995
Deuteron Neutron Production
0 Kelvin Cross Sections
70-Yb-158
(d,2n)
(d,3n)
(d,n') α
(d,n') 3α
(d,2n) α
(d,3n) α
(d,n') p
Cross Section (barns)
Incident Energy (MeV)
70-Yb-158
2

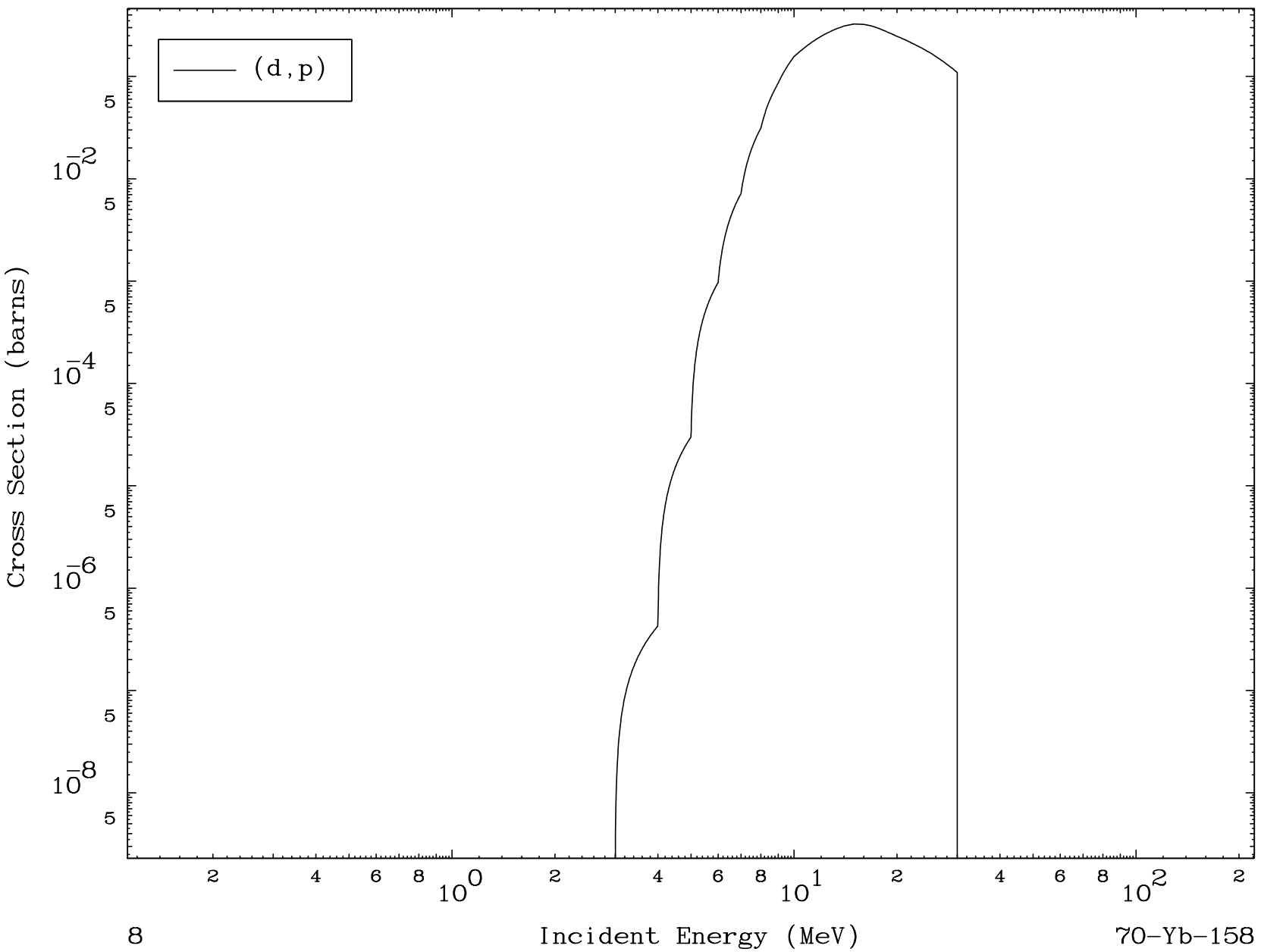

MAT 6995
Deuteron Neutron Production
0 Kelvin Cross Sections
70-Yb-158
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
70-Yb-158

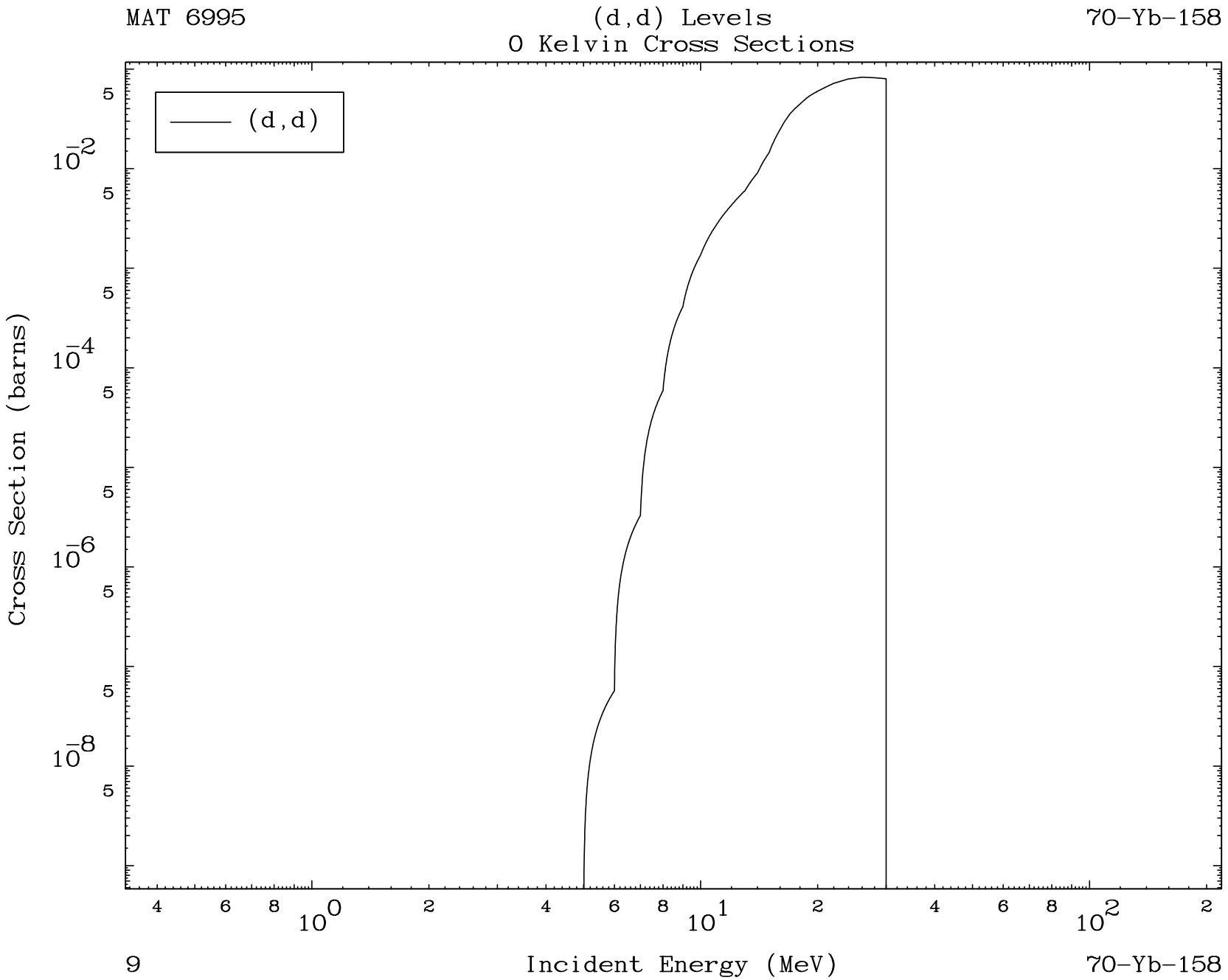

MAT 6995
Deuteron Charged Particle
0 Kelvin Cross Sections
70-Yb-158
(d,n') α
(d,n') 3α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,2n) 2α
(d,n') d
(d,n') t
Cross Section (barns)
Incident Energy (MeV)
4
70-Yb-158

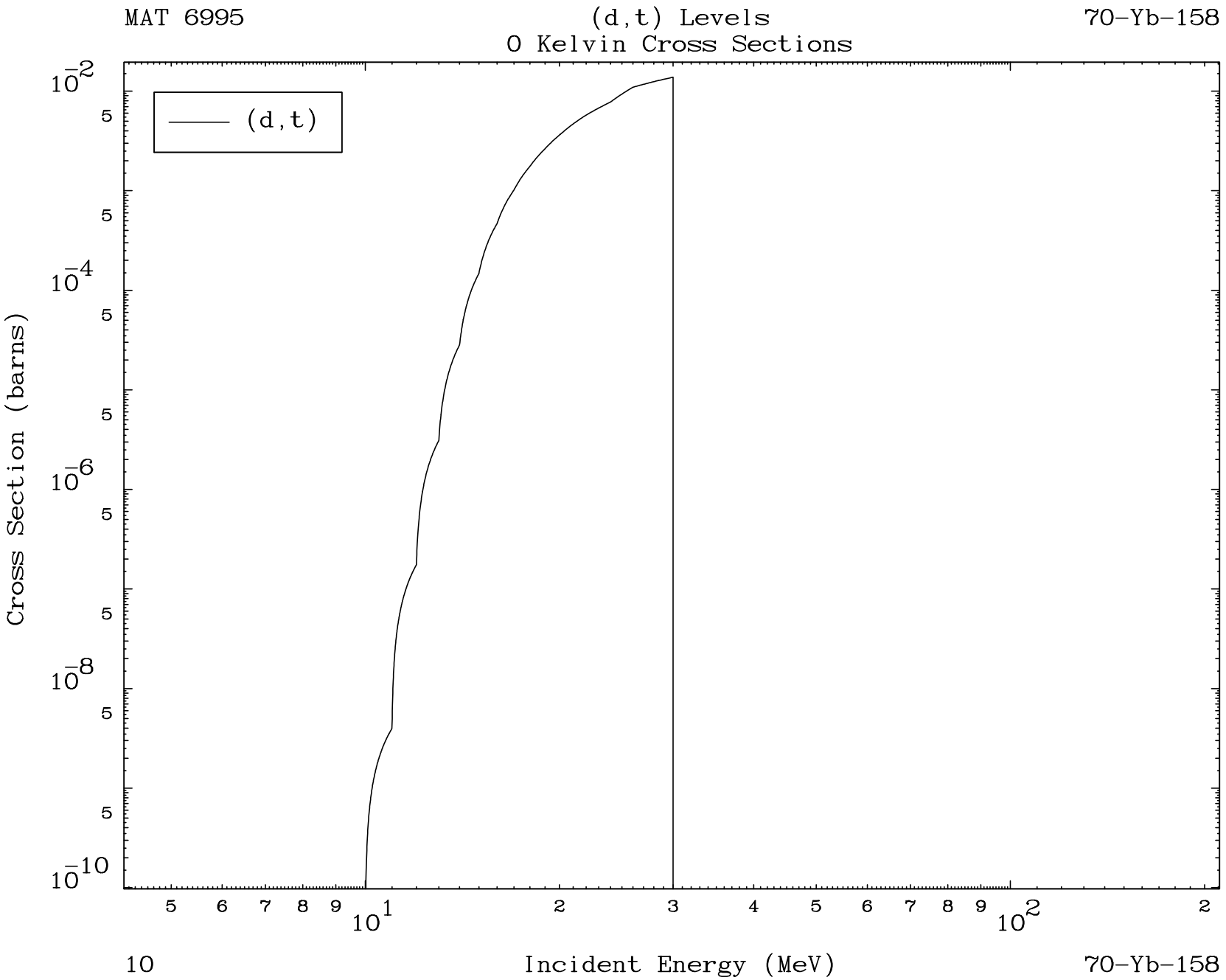

MAT 6995
Deuteron Charged Particle
0 Kelvin Cross Sections
70-Yb-158
(d,n') He-3
(d,2n) p
(d,3n) p
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
Cross Section (barns)
Incident Energy (MeV)
70-Yb-158

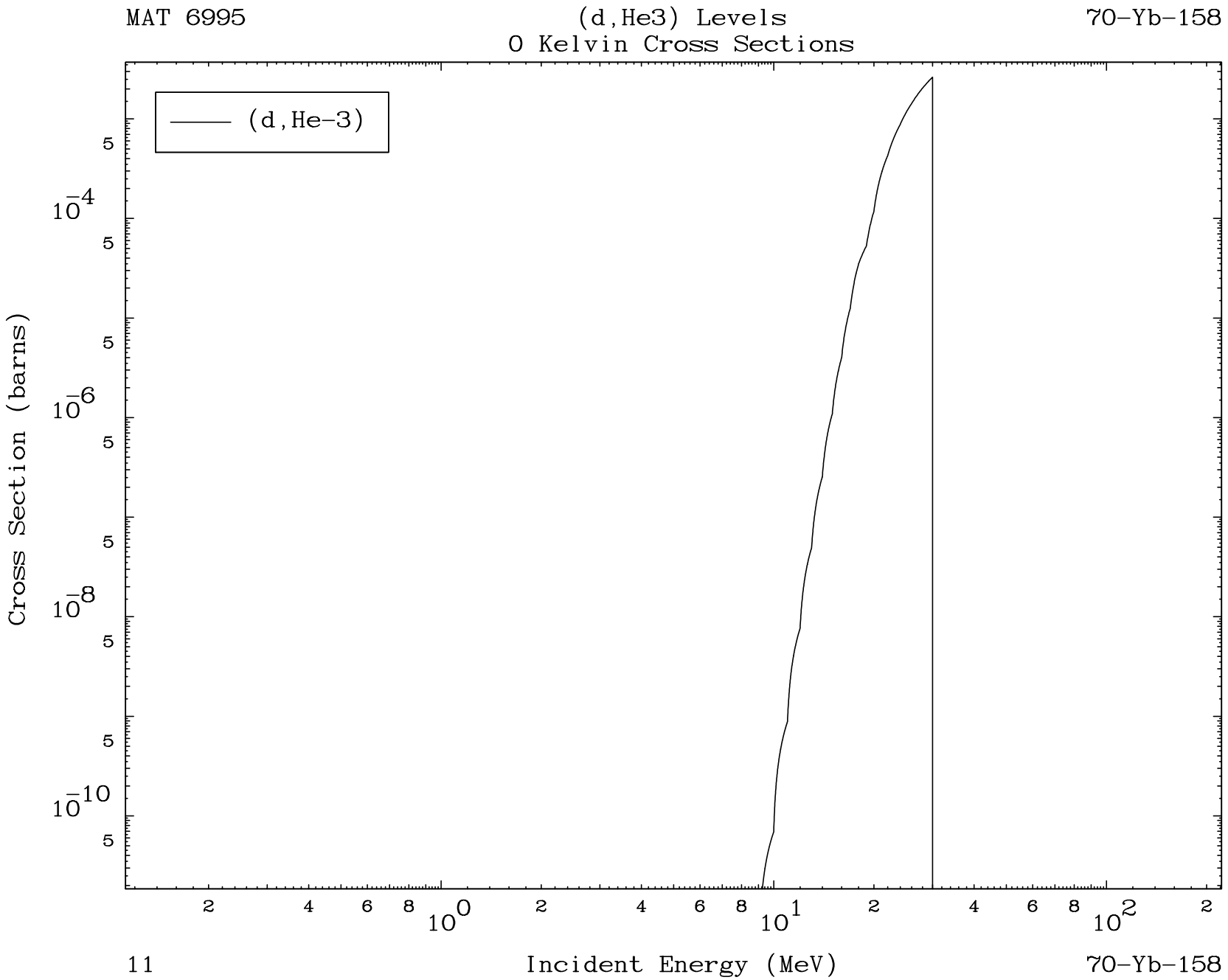

MAT 6995
Deuteron Charged Particle
0 Kelvin Cross Sections
70-Yb-158
(d,3α)
(d,2p)
(d,p) α
(d,t) 2α
(d,d) 2α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
6
70-Yb-158

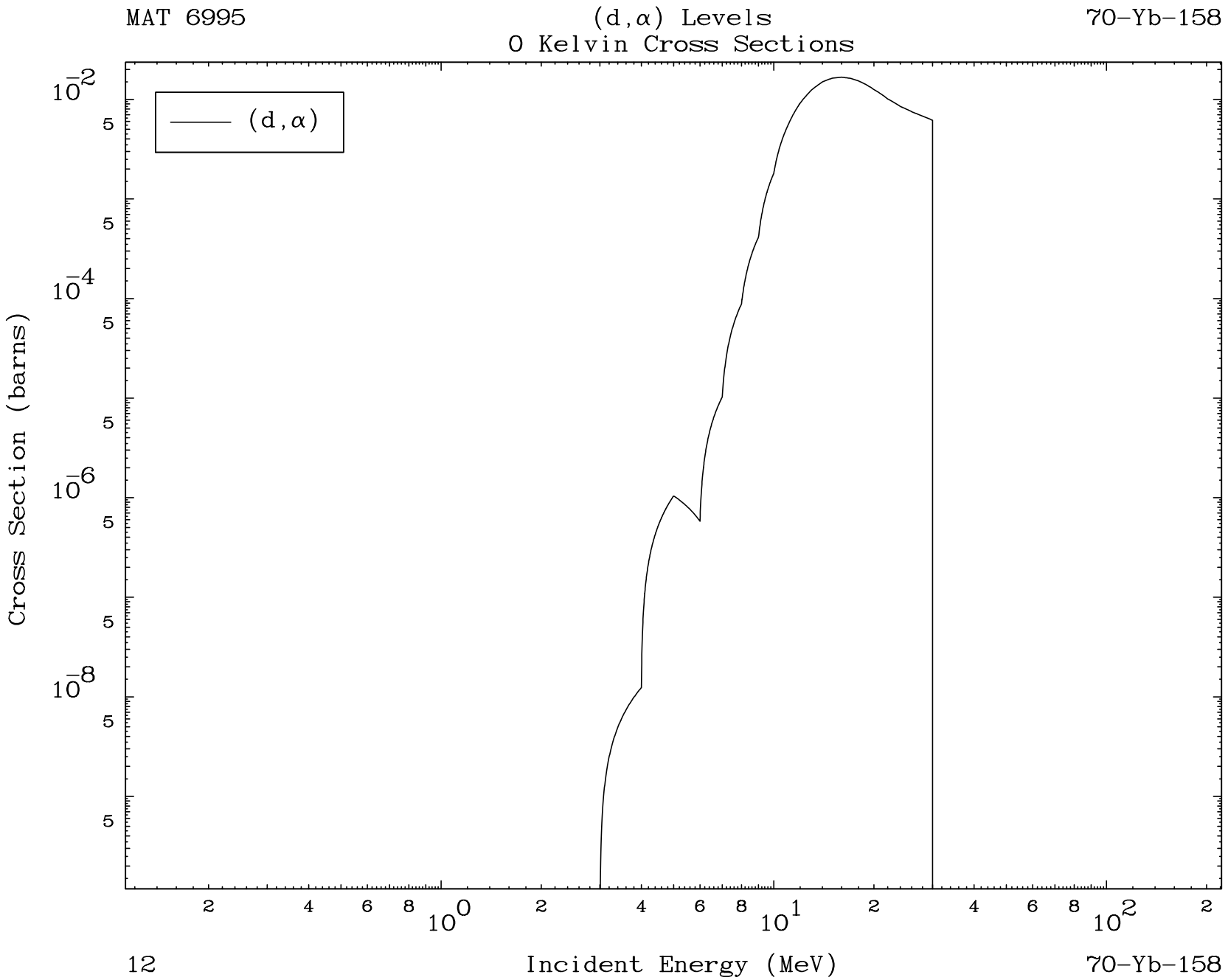

MAT 6995
(d,n') Level
70-Yb-158
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
70-Yb-158

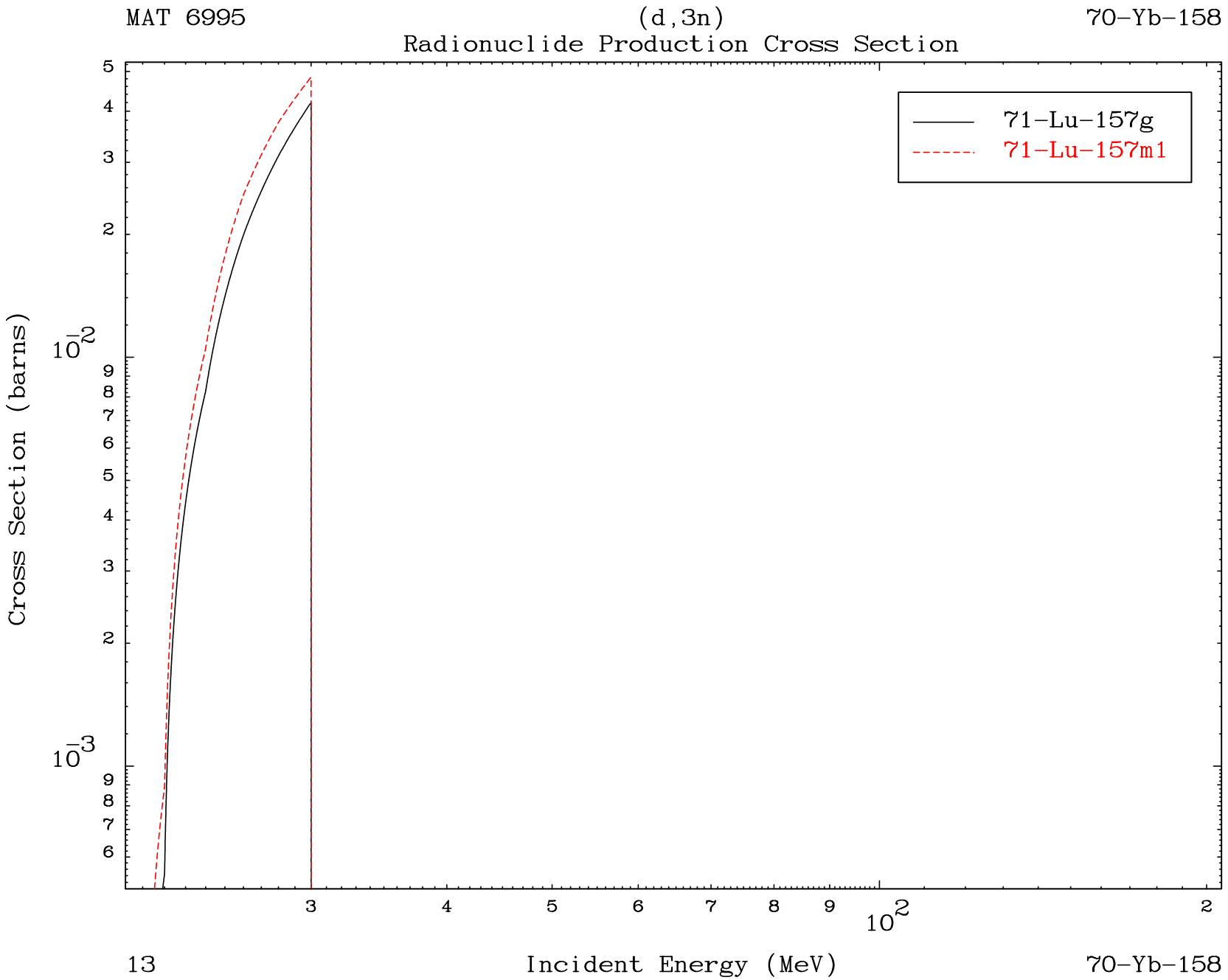

0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)

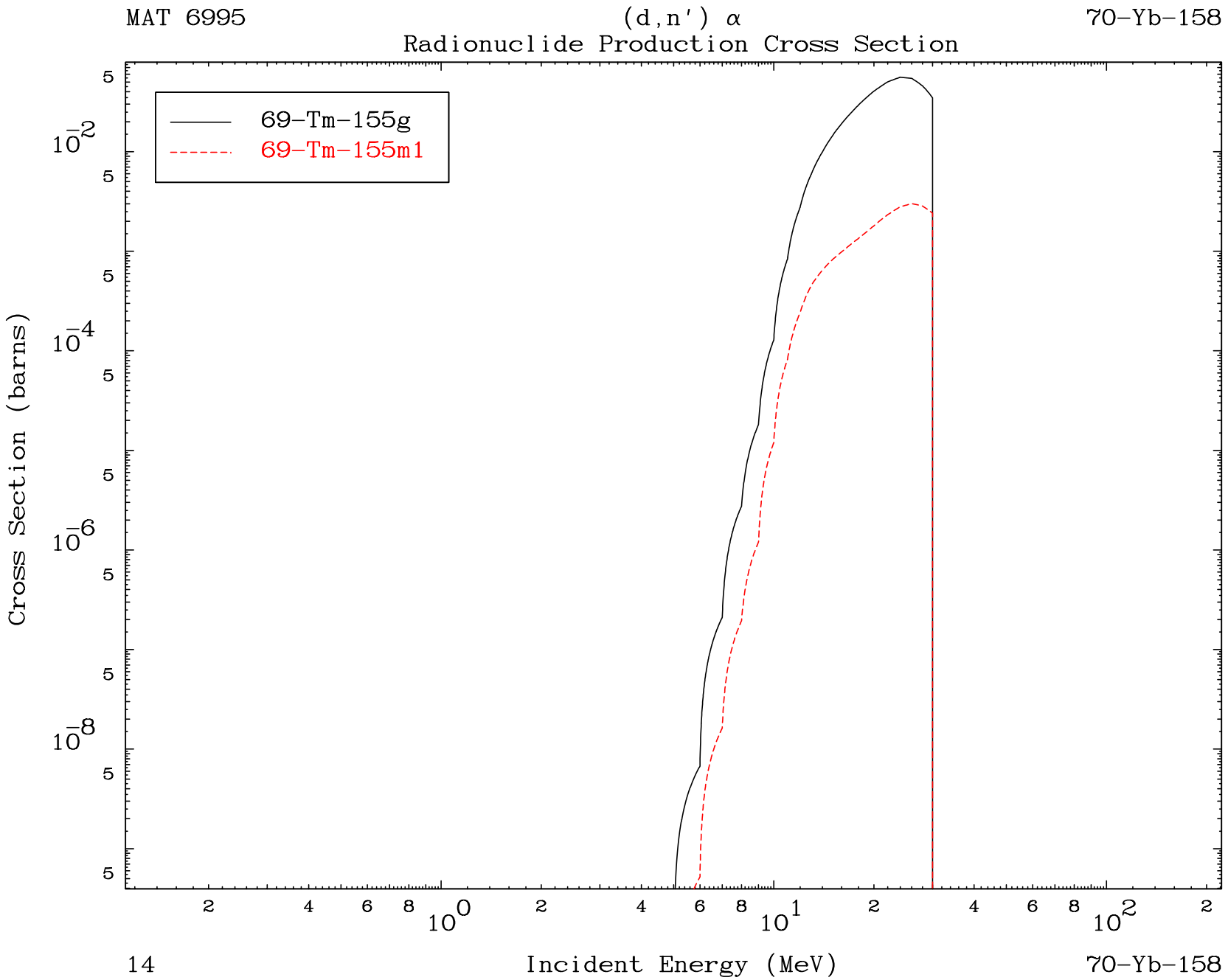

MAT 6995
(d,d) Levels
70-Yb-158
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
9
70-Yb-158

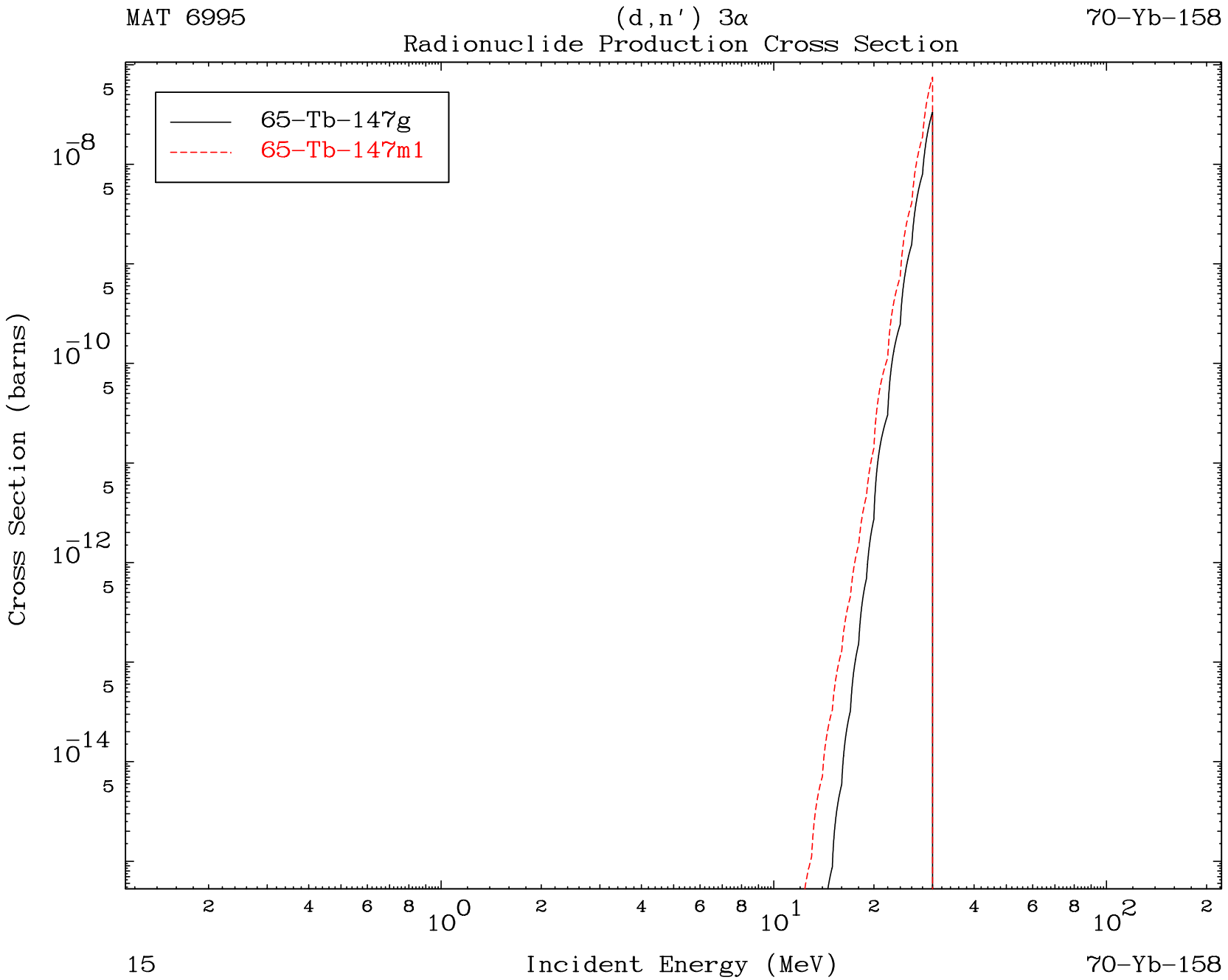

MAT 6995
(d,t) Levels
70-Yb-158
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
10
70-Yb-158

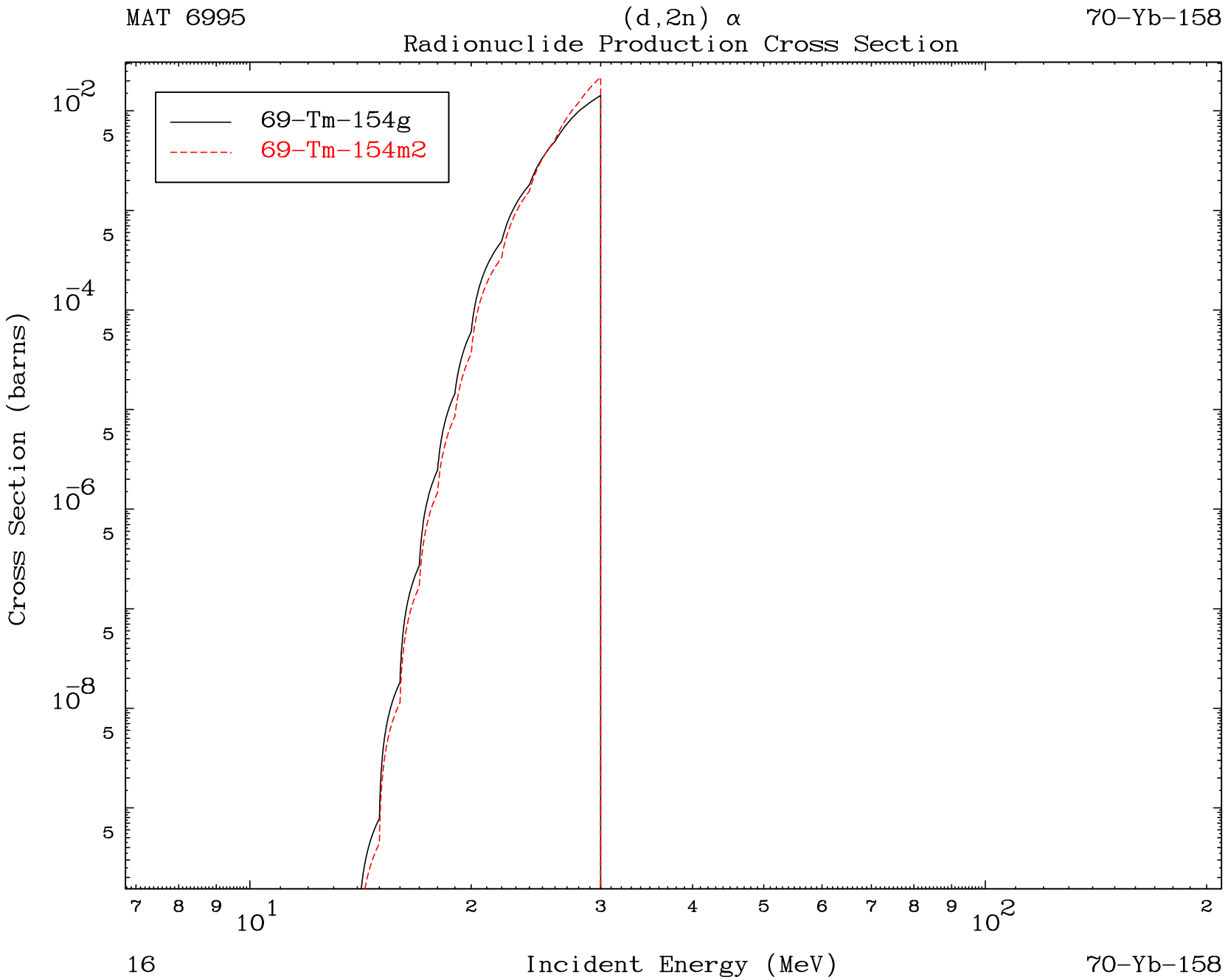

MAT 6995
(d,He3) Levels
70-Yb-158
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
70-Yb-158

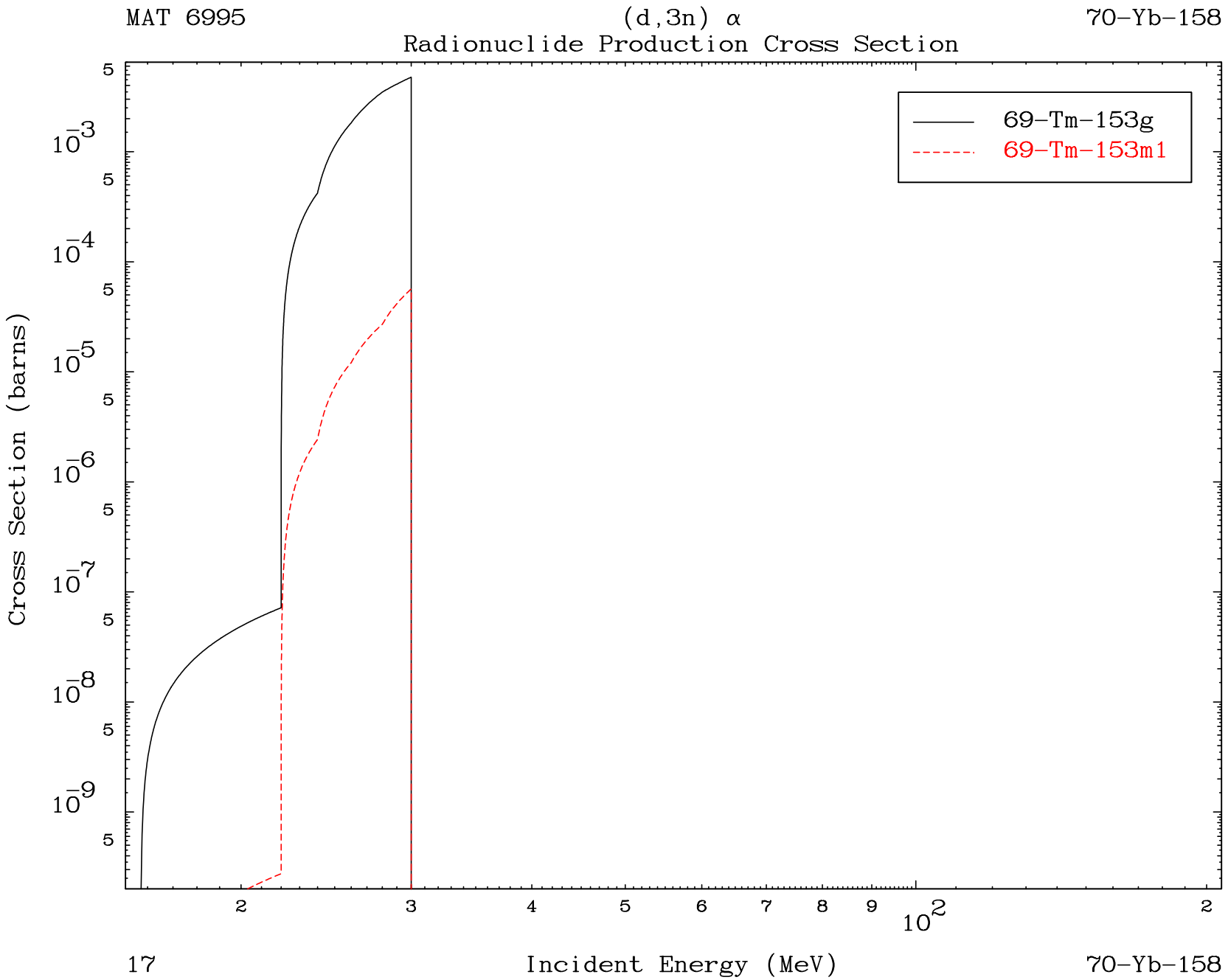

MAT 6995
(d,α) Levels
70-Yb-158
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
Incident Energy (MeV)
12
70-Yb-158

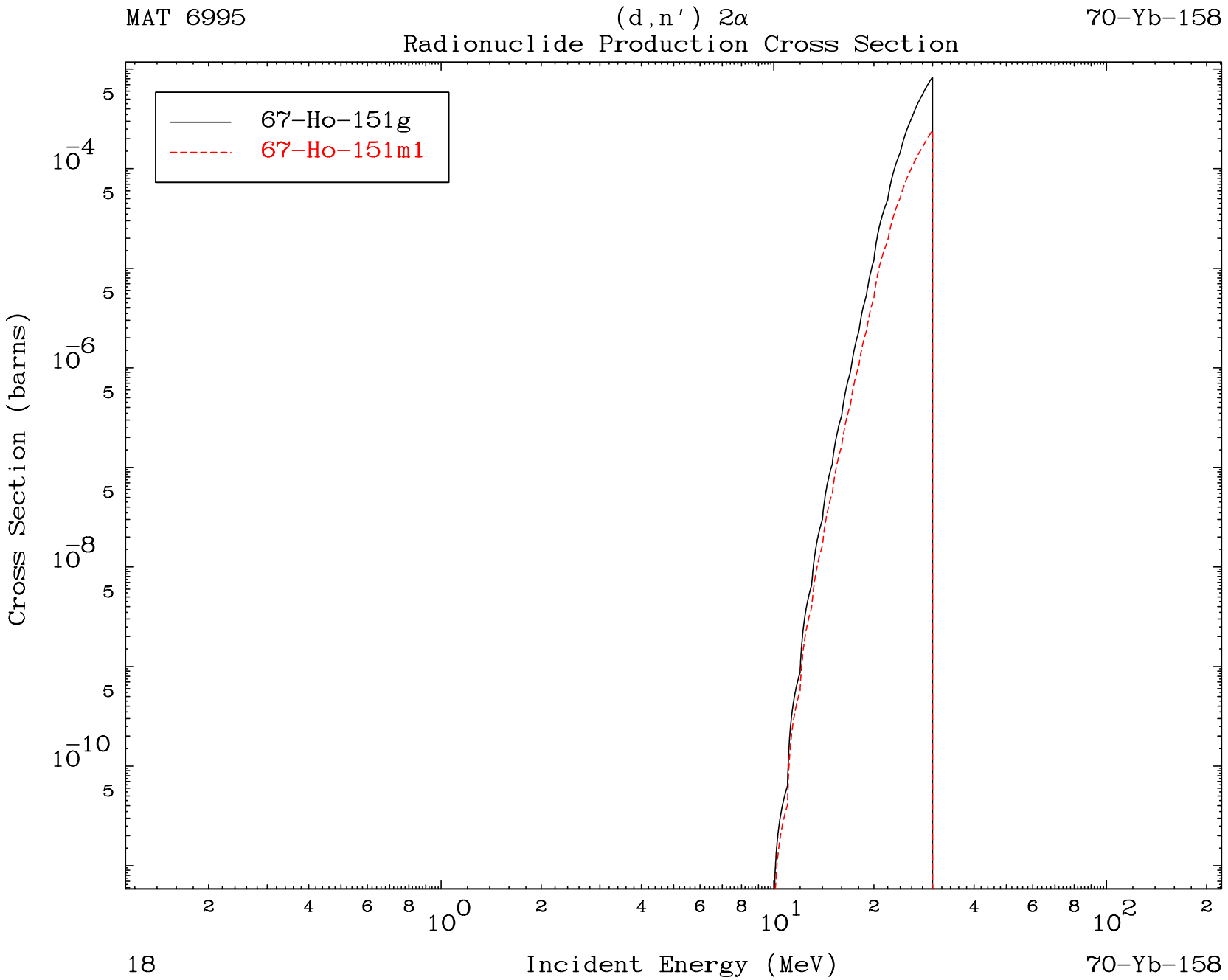

MAT 6995
(d,3n)
70-Yb-158
Radionuclide Production Cross Section
71-Lu-157g
71-Lu-157m1
Cross Section (barns)
Incident Energy (MeV)
13
70-Yb-158

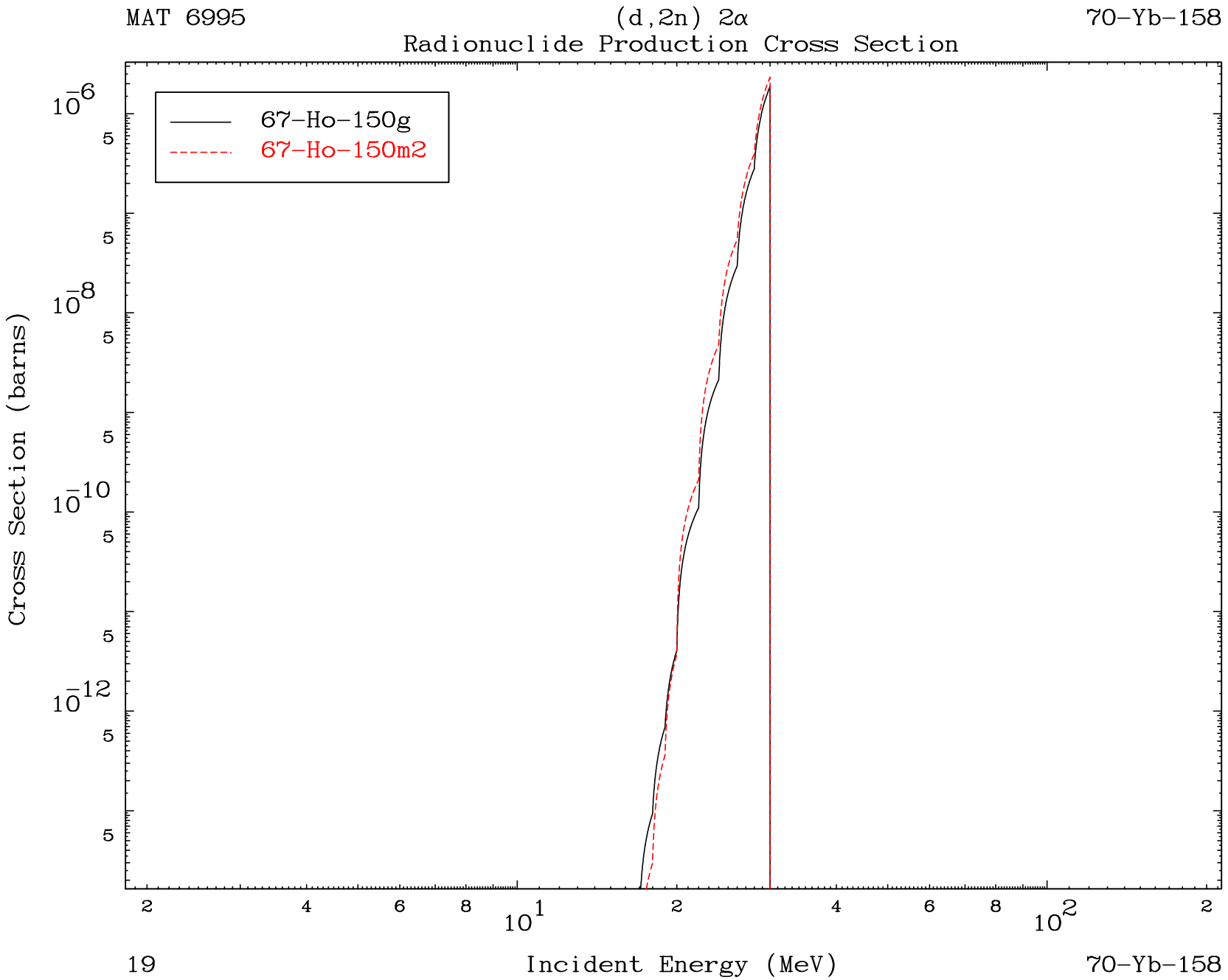

MAT 6995
(d,n') α
70-Yb-158
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
Incident Energy (MeV)
14
70-Yb-158

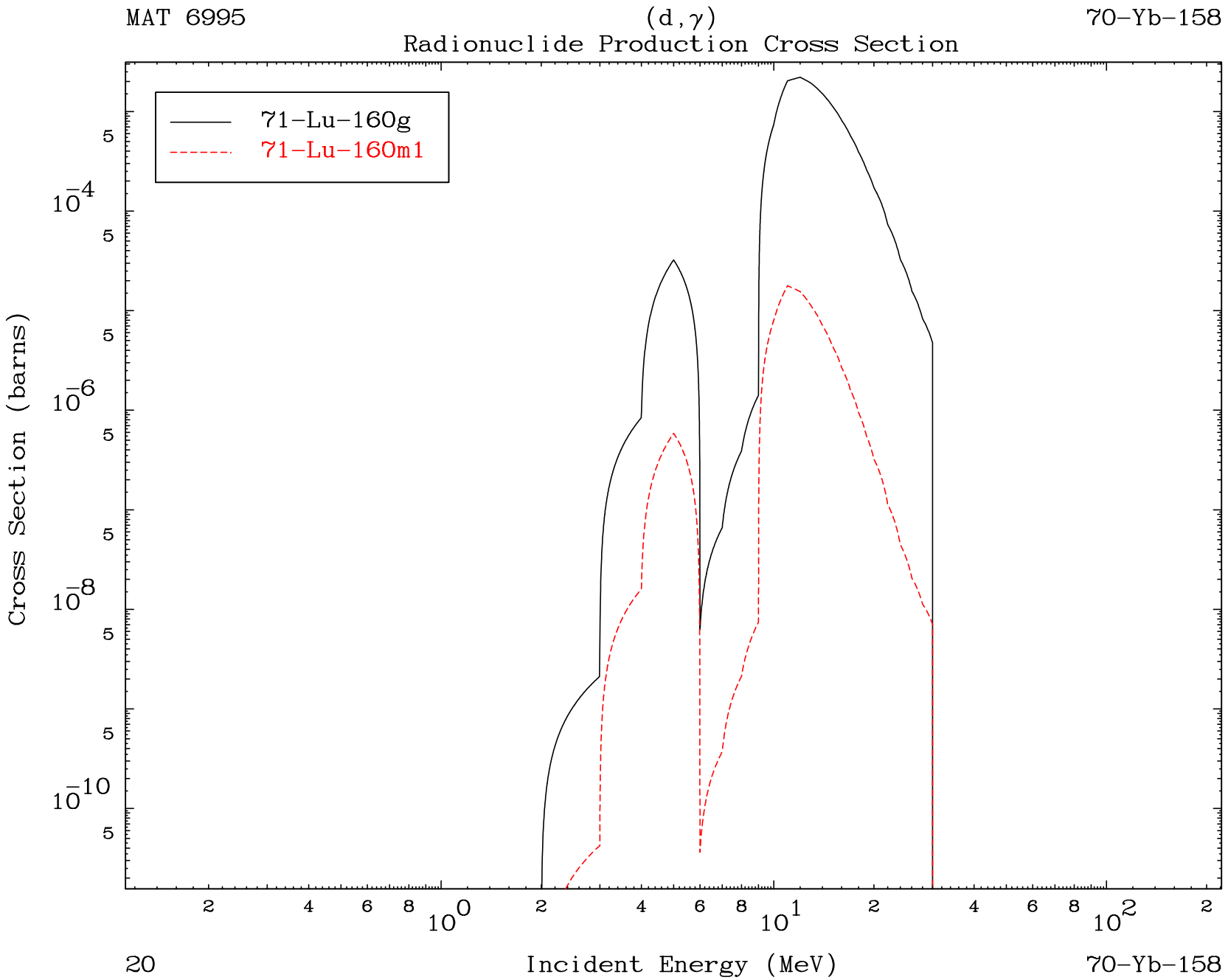

MAT 6995
(d,n') 3α
70-Yb-158
Radionuclide Production Cross Section
65-Tb-147g
65-Tb-147m1
Cross Section (barns)
Incident Energy (MeV)
15
70-Yb-158

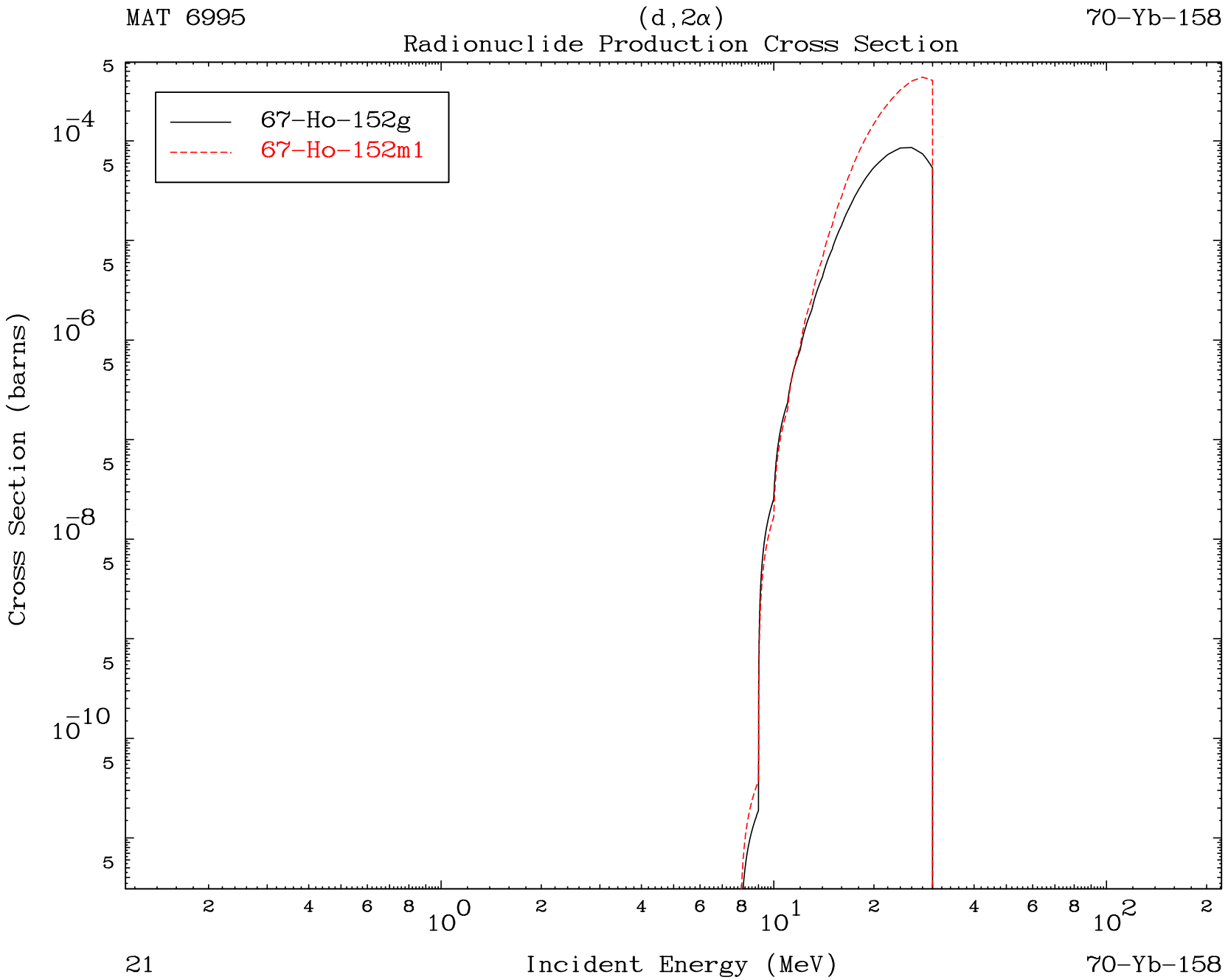

MAT 6995
(d,2n) α
70-Yb-158
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
Incident Energy (MeV)
16
70-Yb-158

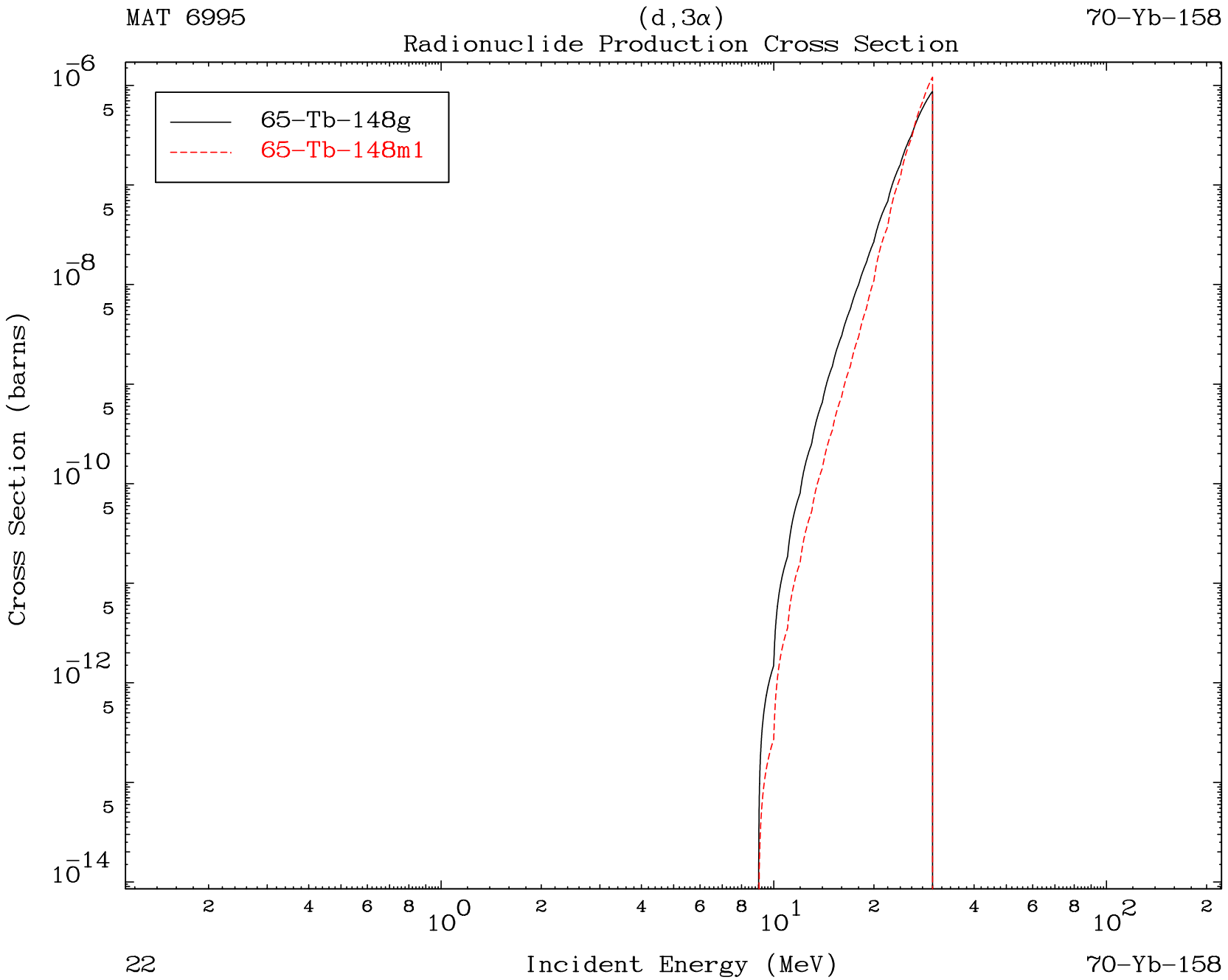

MAT 6995
(d,3n) α
70-Yb-158
Radionuclide Production Cross Section
69-Tm-153g
69-Tm-153m1
Cross Section (barns)
Incident Energy (MeV)
17
70-Yb-158

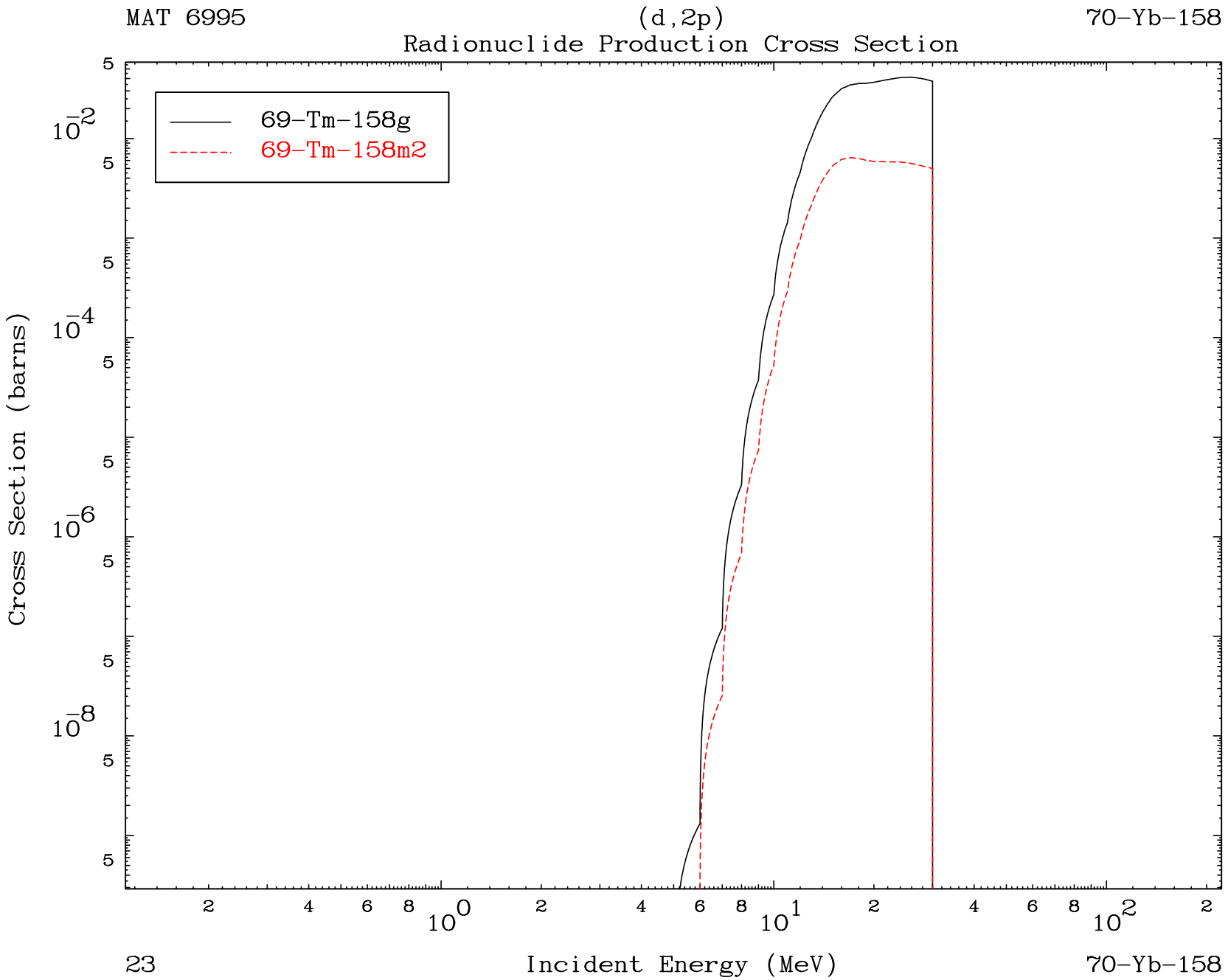

MAT 6995
(d,n') 2α
70-Yb-158
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
Incident Energy (MeV)
18
70-Yb-158

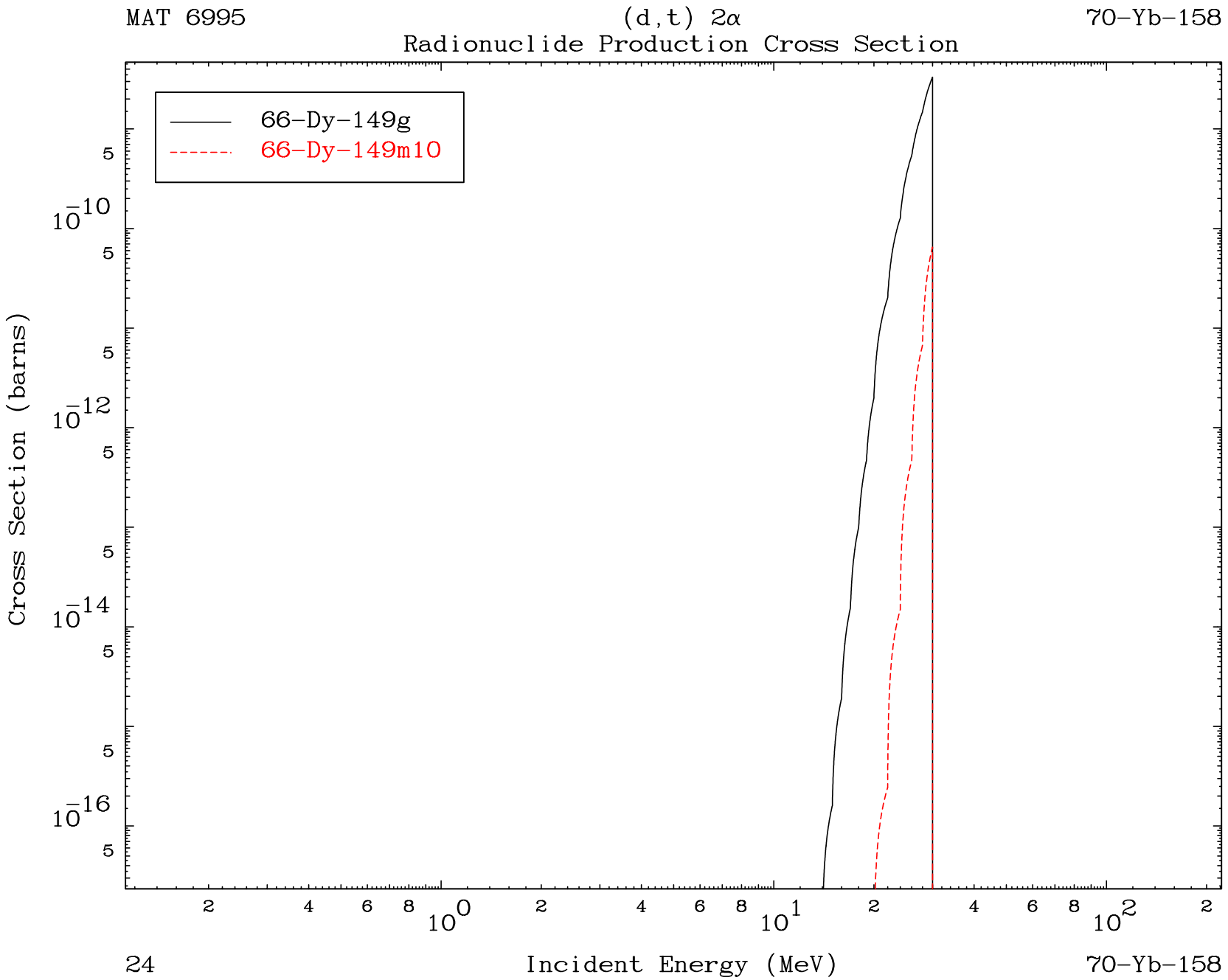

MAT 6995
(d,2n) 2α
70-Yb-158
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
4
6
8
10^1
10^2
19
Incident Energy (MeV)
70-Yb-158


MAT 6995
(d,γ)
70-Yb-158
Radionuclide Production Cross Section
71-Lu-160g
71-Lu-160m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
20
70-Yb-158


MAT 6995
(d,2α)
70-Yb-158
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
Incident Energy (MeV)
21
70-Yb-158


MAT 6995
(d,3α)
70-Yb-158
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
22
70-Yb-158


MAT 6995
(d,2p)
70-Yb-158
Radionuclide Production Cross Section
69-Tm-158g
69-Tm-158m2
Cross Section (barns)
Incident Energy (MeV)
23
70-Yb-158


MAT 6995
(d,t) 2α
70-Yb-158
Radionuclide Production Cross Section
66-Dy-149g
66-Dy-149m10
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
10^0
10^1
10^2
Incident Energy (MeV)
24
70-Yb-158