Program EVALPLOT
(Version 2021-1)
by
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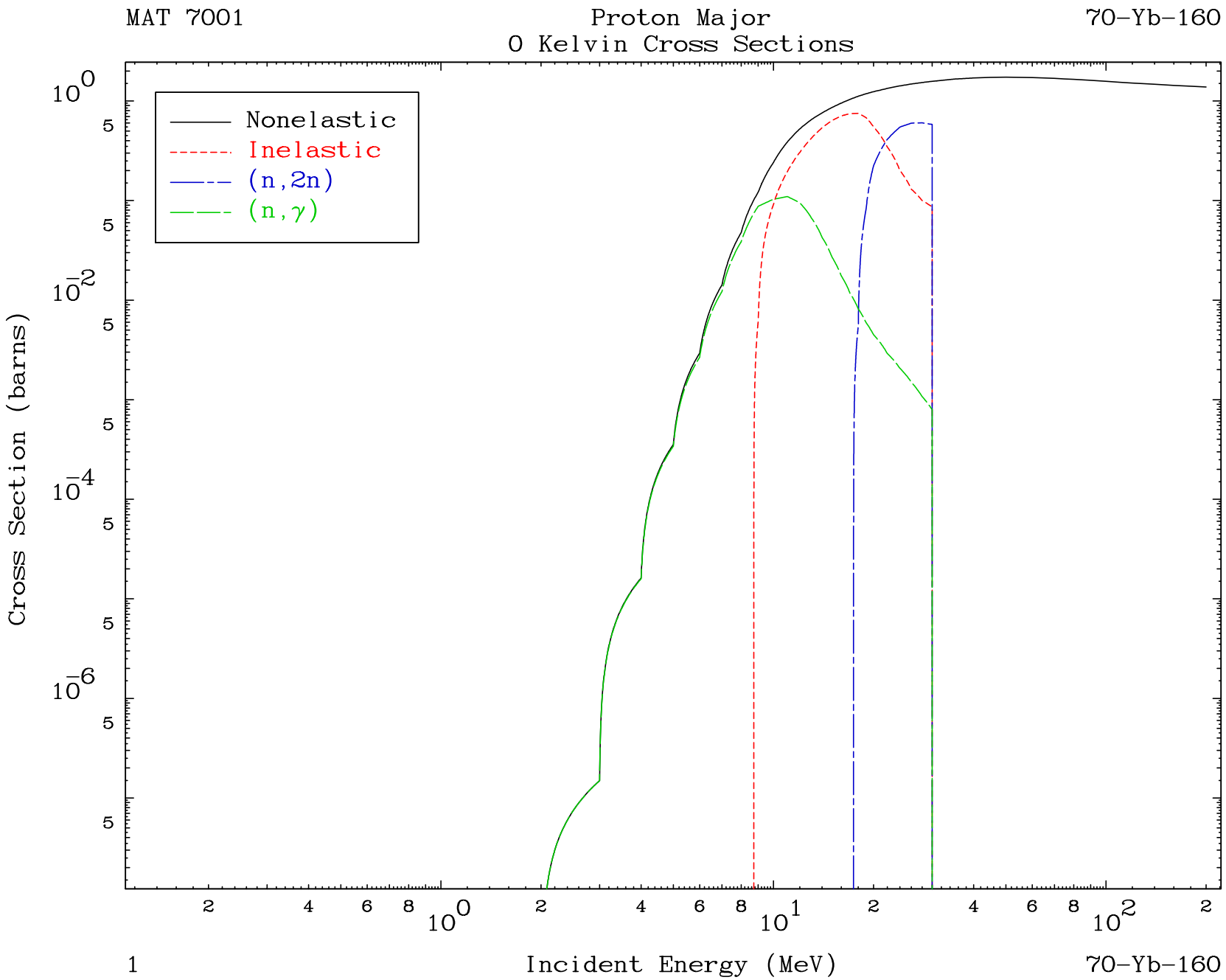
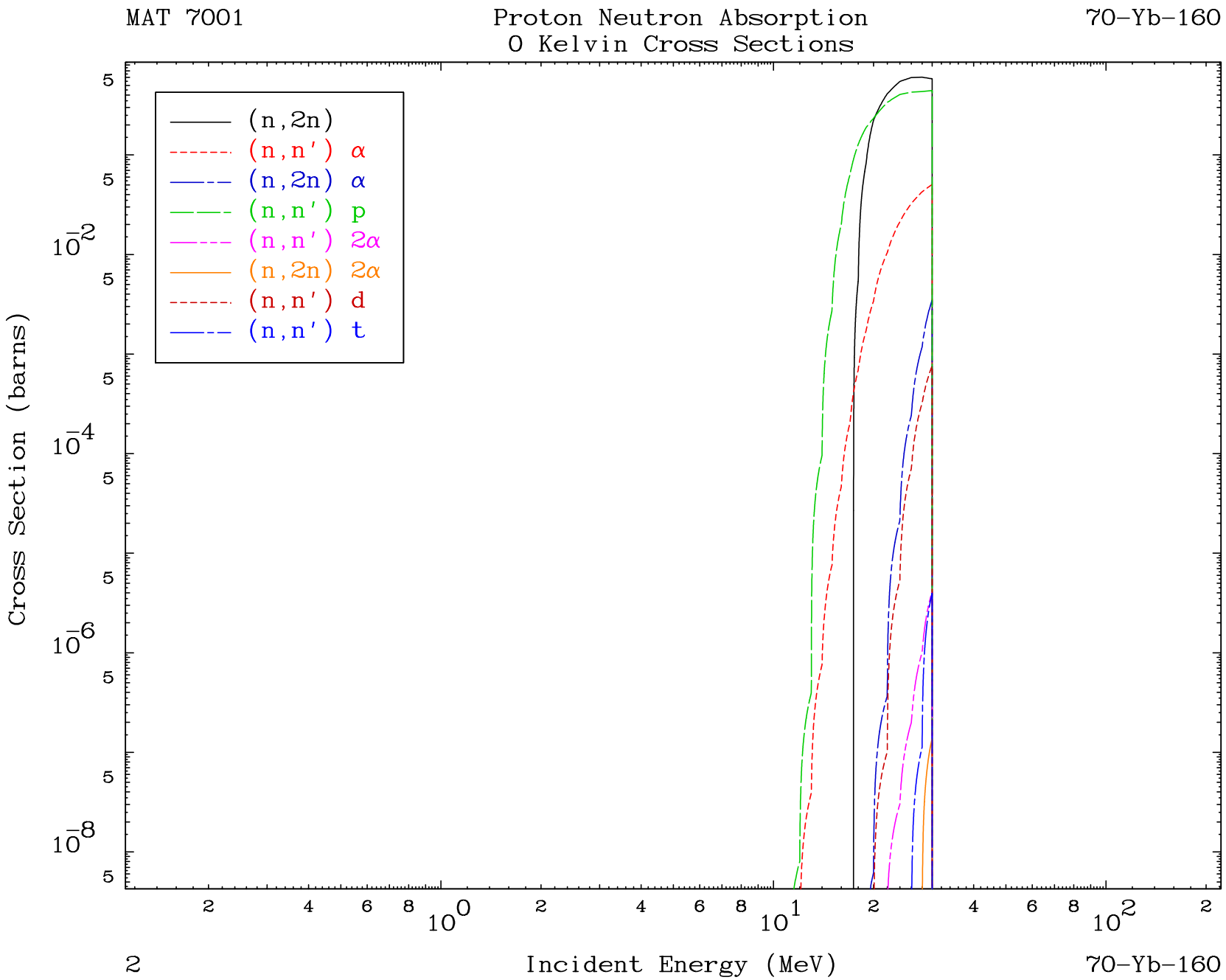
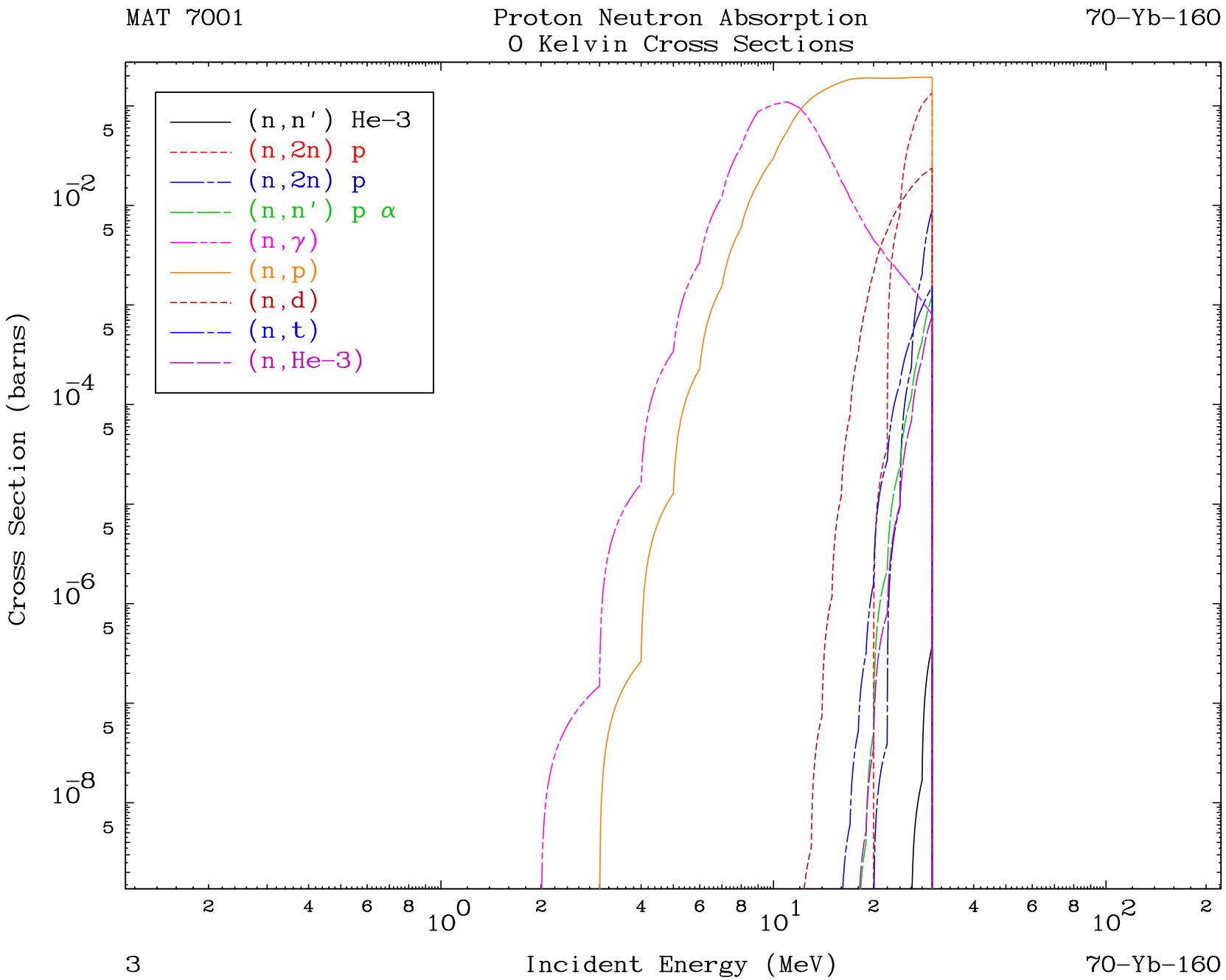
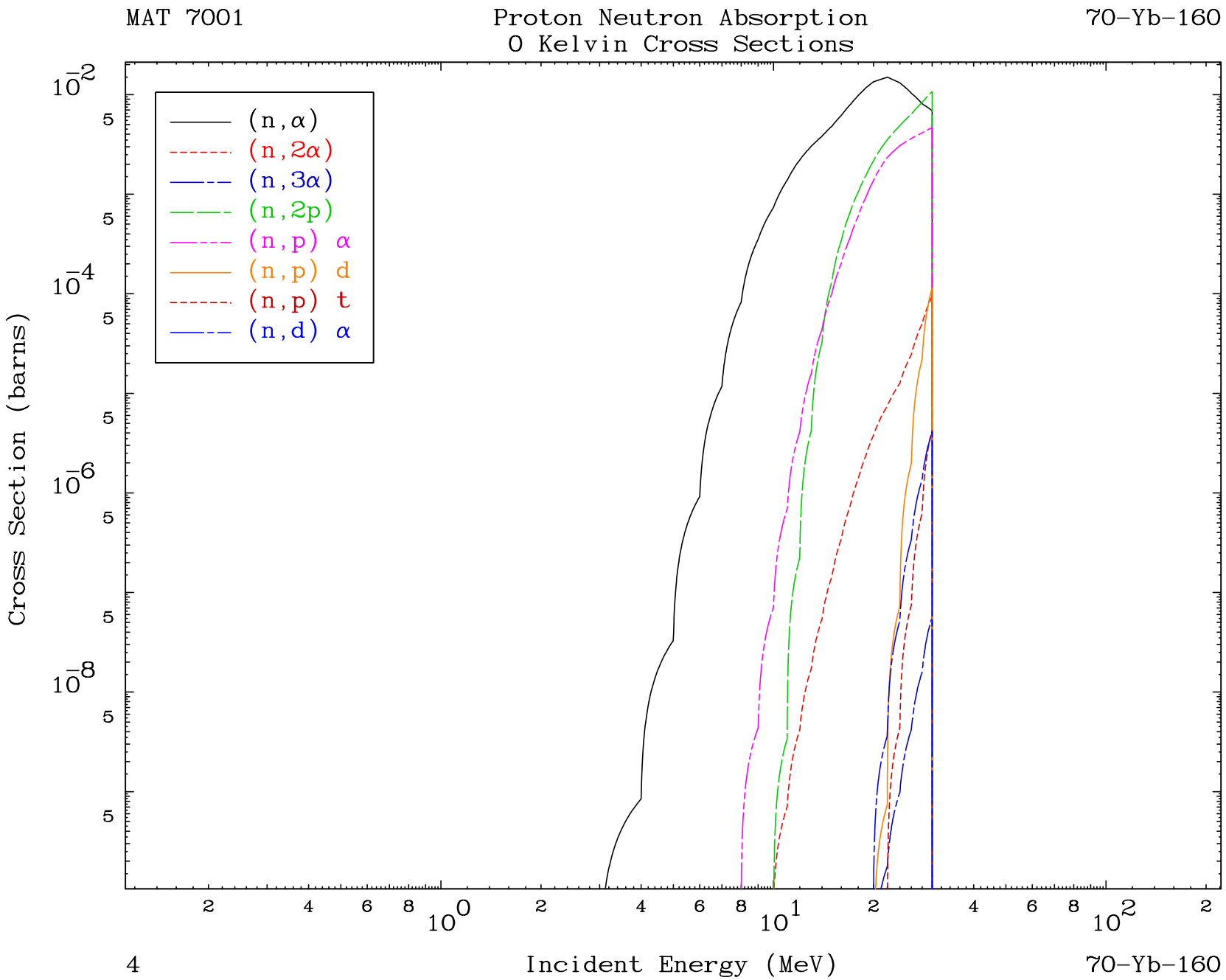
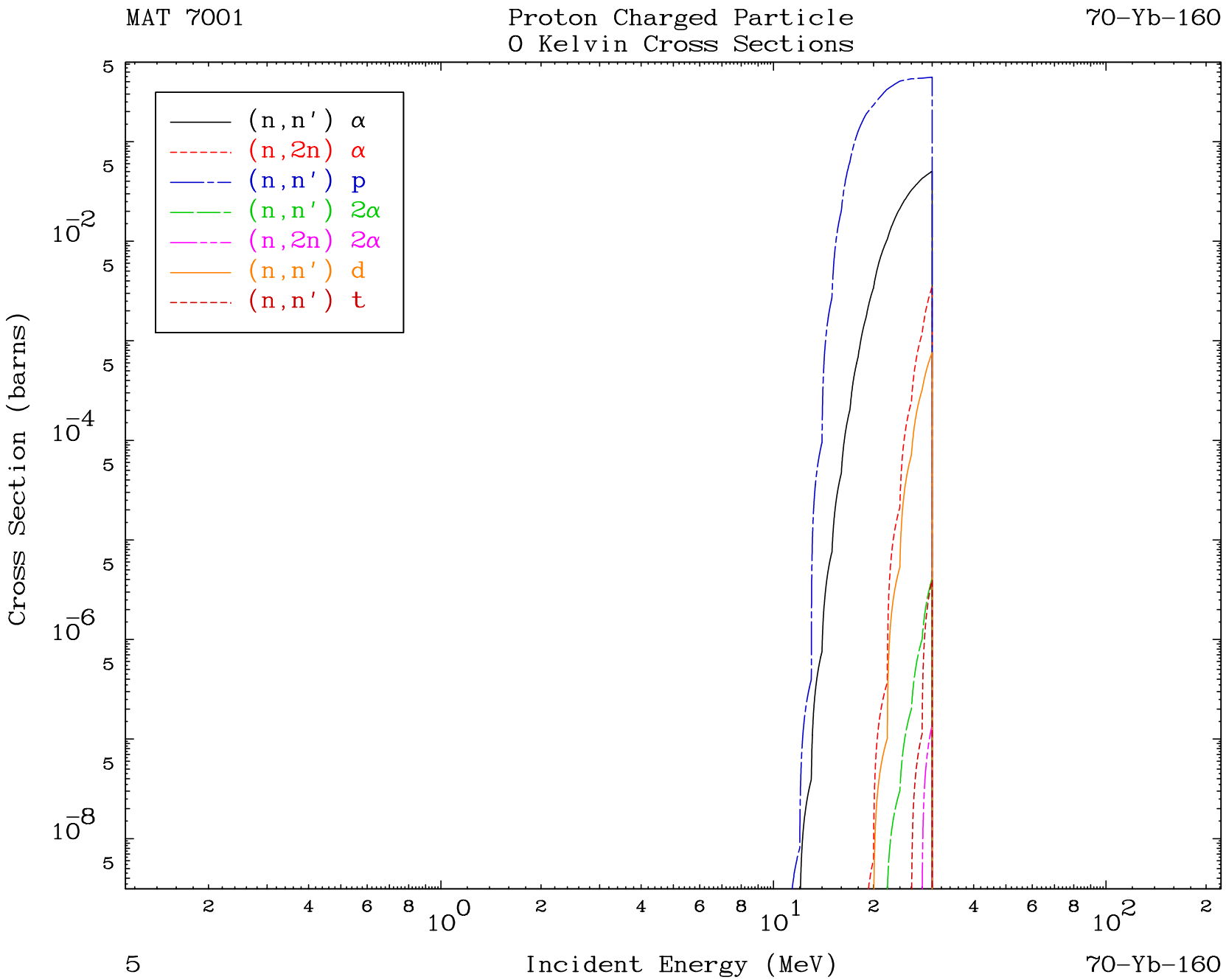
Press Mouse Button to Start

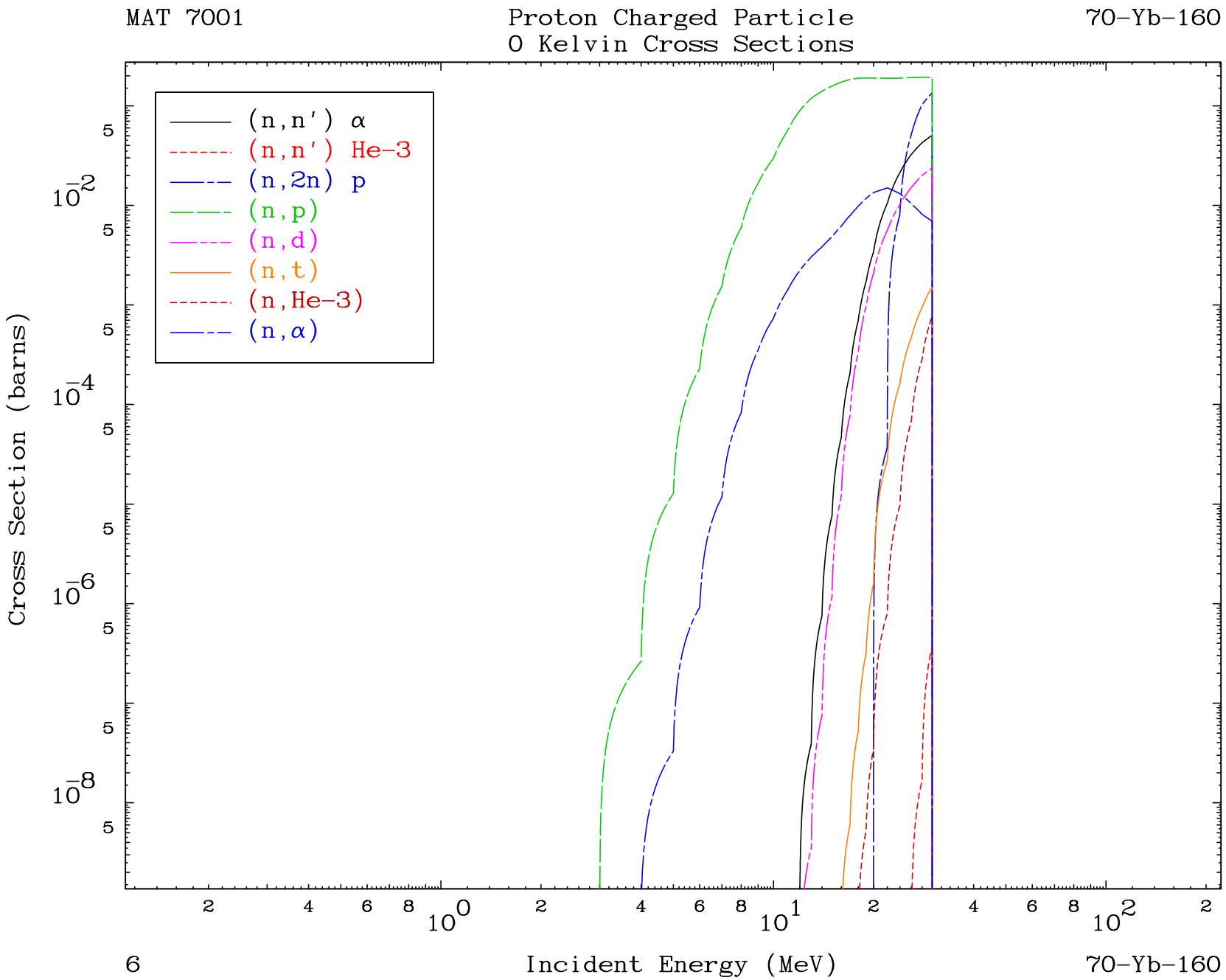

MAT 7001
Proton Major
70-Yb-160
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
70-Yb-160

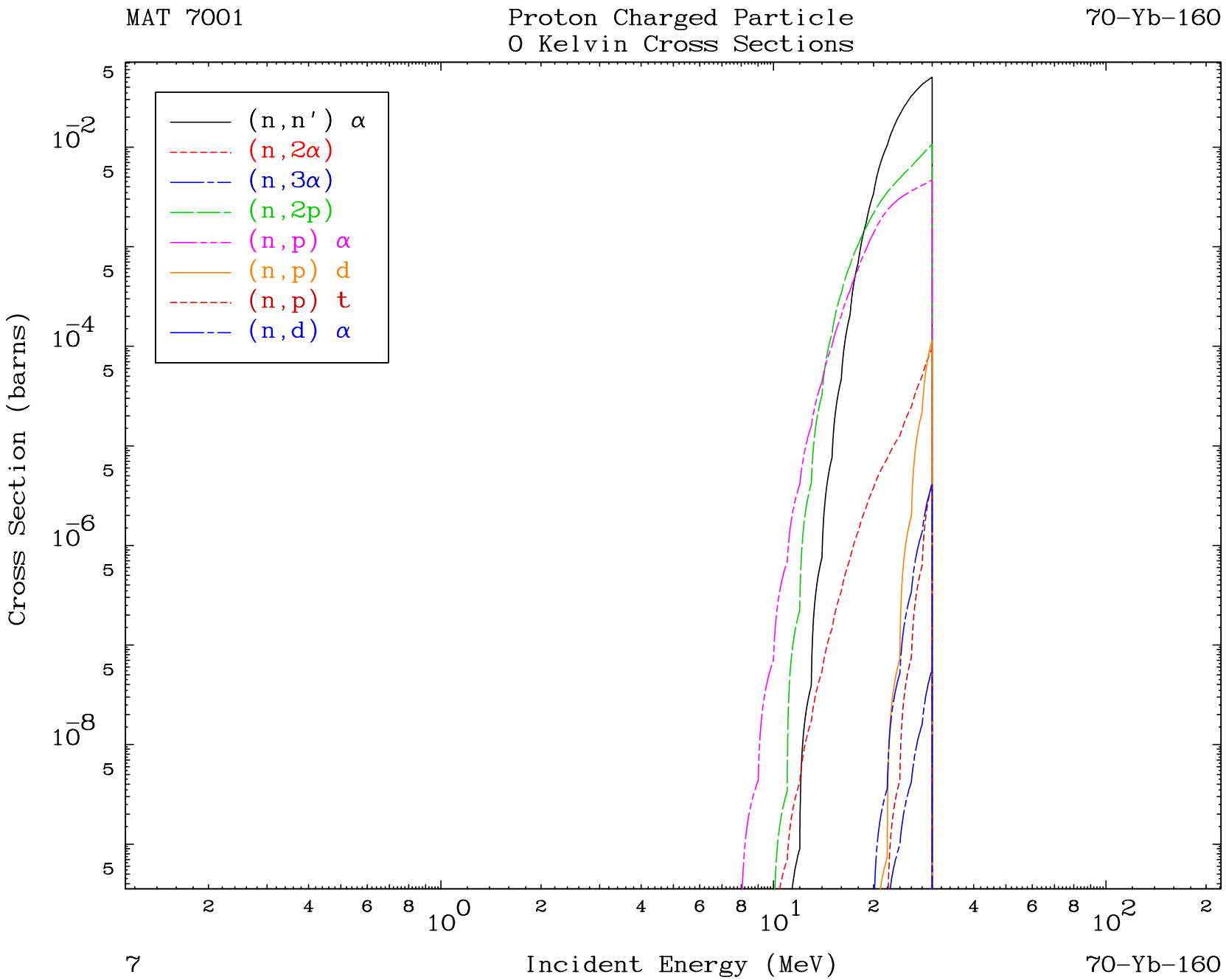

MAT 7001
Proton Neutron Absorption
0 Kelvin Cross Sections
70-Yb-160
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
70-Yb-160
2

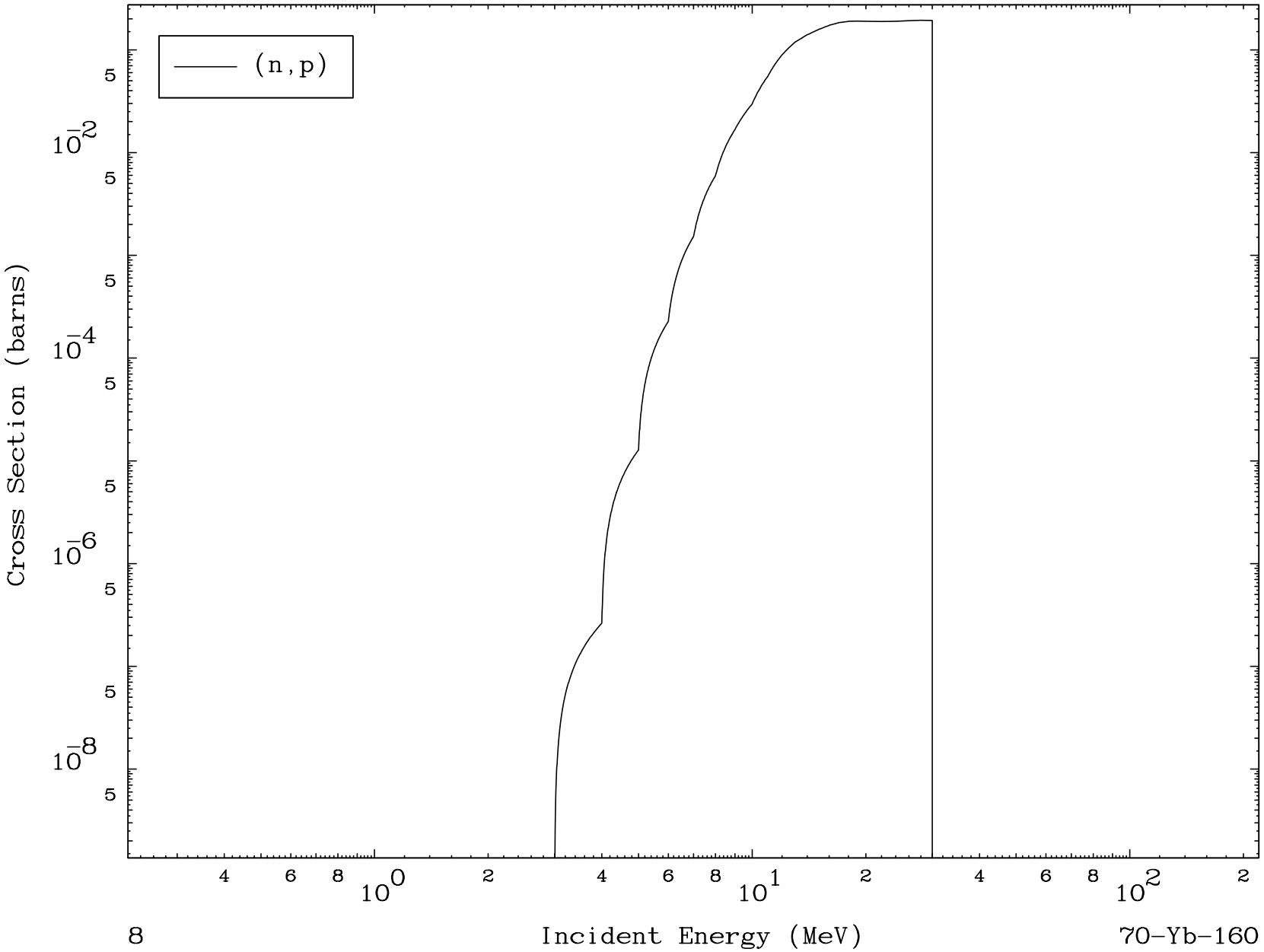

MAT 7001
Proton Neutron Absorption
0 Kelvin Cross Sections
70-Yb-160
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
70-Yb-160

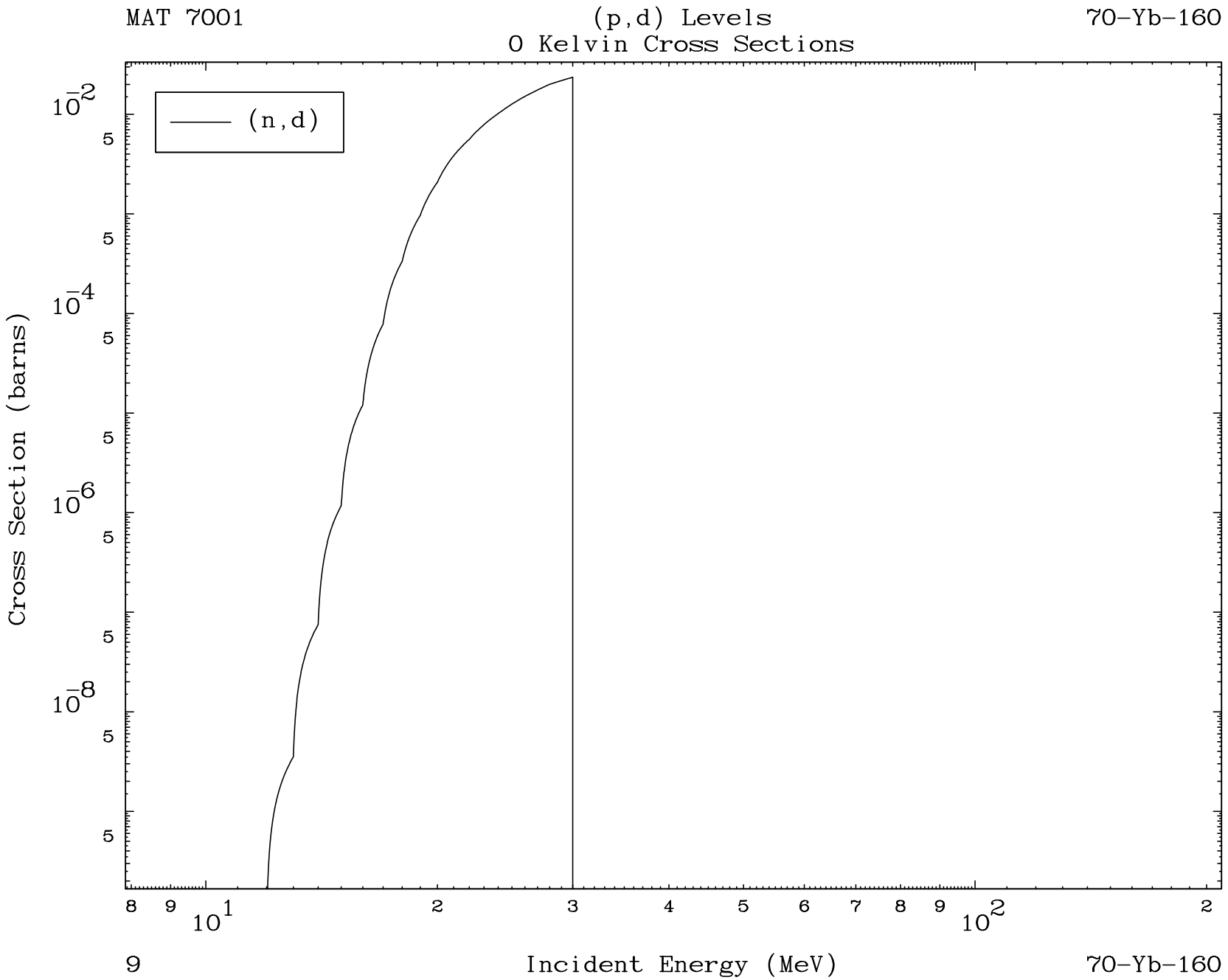

MAT 7001
Proton Neutron Absorption
0 Kelvin Cross Sections
70-Yb-160
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
70-Yb-160

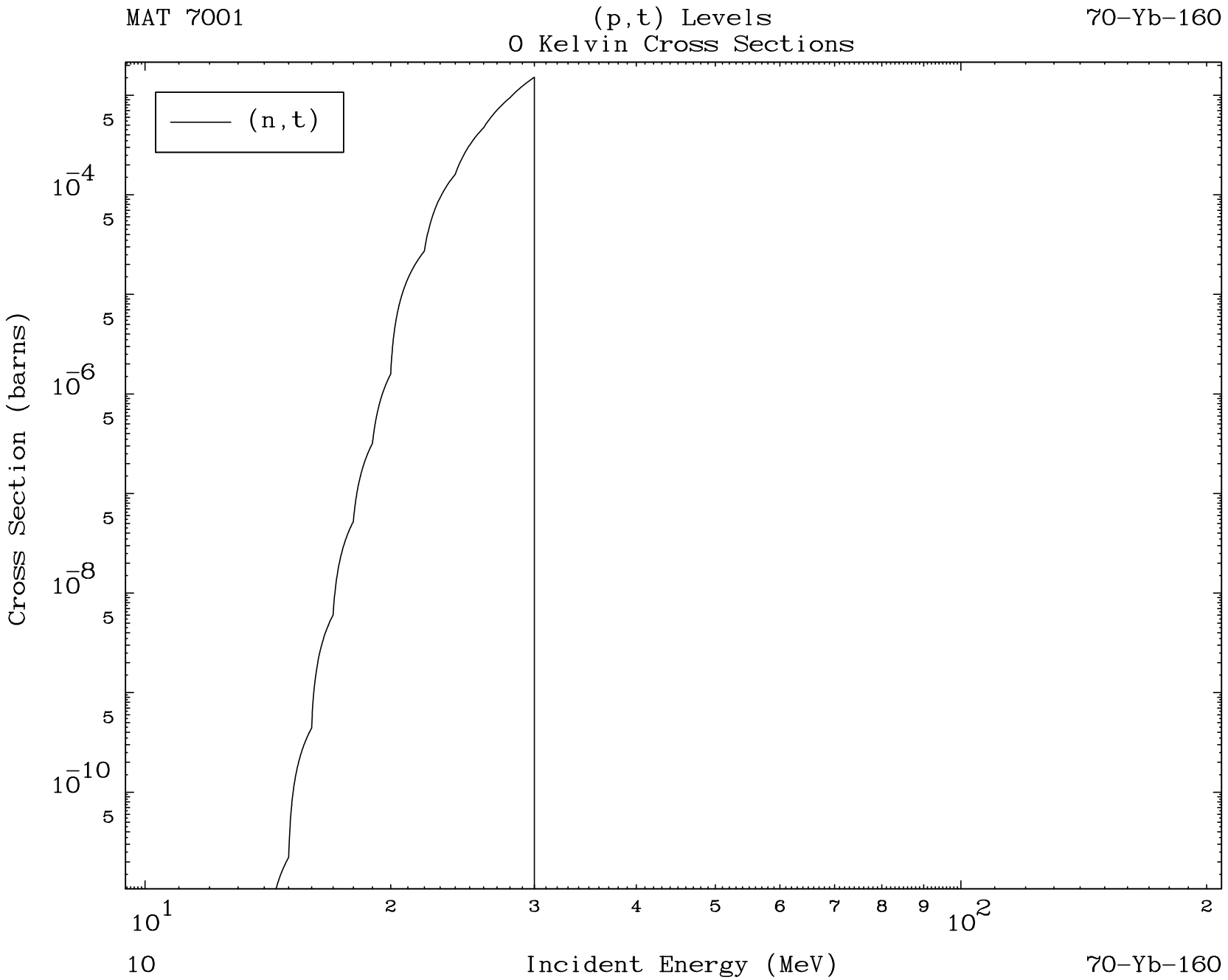

MAT 7001
Proton Charged Particle
0 Kelvin Cross Sections
70-Yb-160
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
70-Yb-160

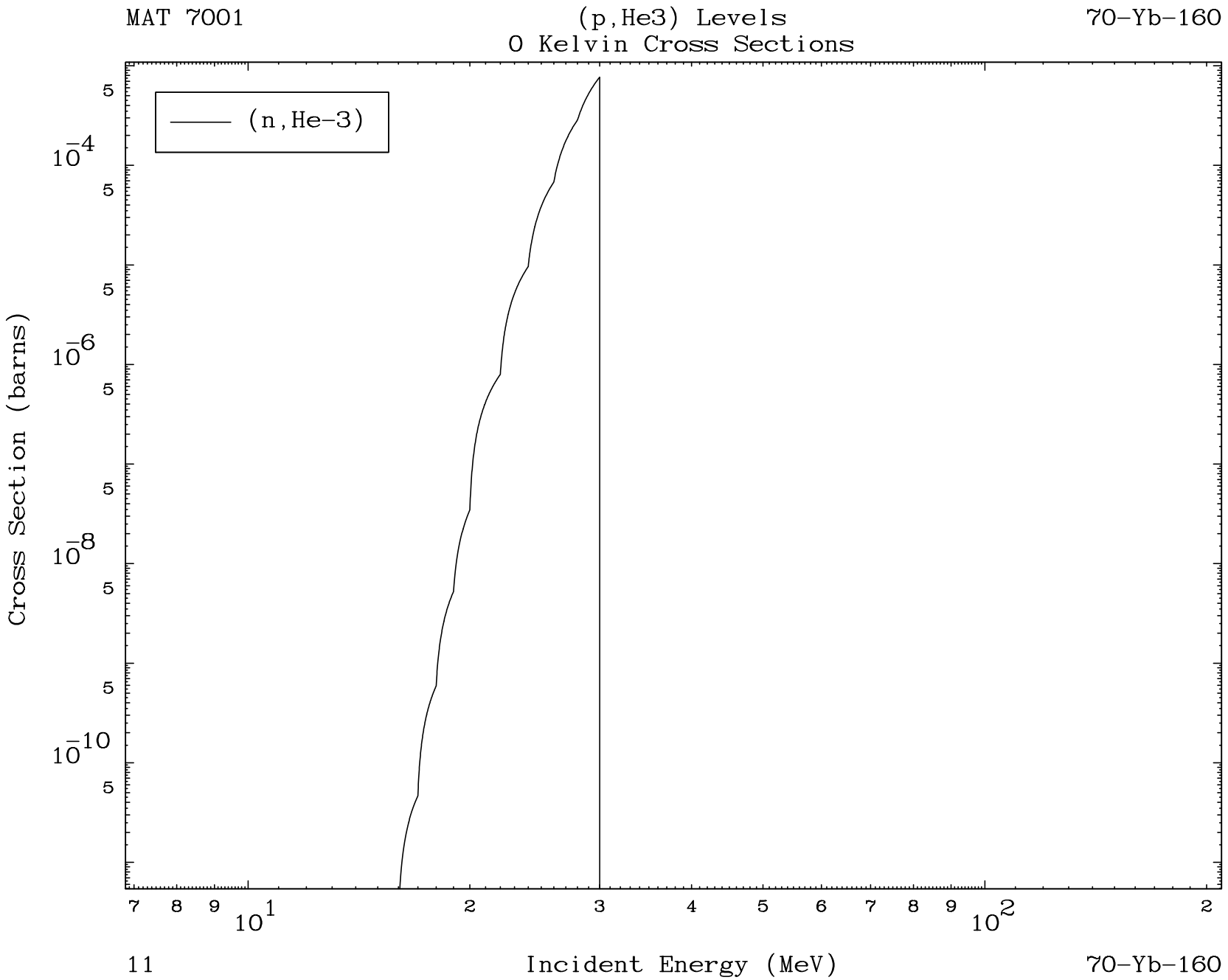

MAT 7001
Proton Charged Particle
0 Kelvin Cross Sections
70-Yb-160
(n,n') α
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
6
70-Yb-160

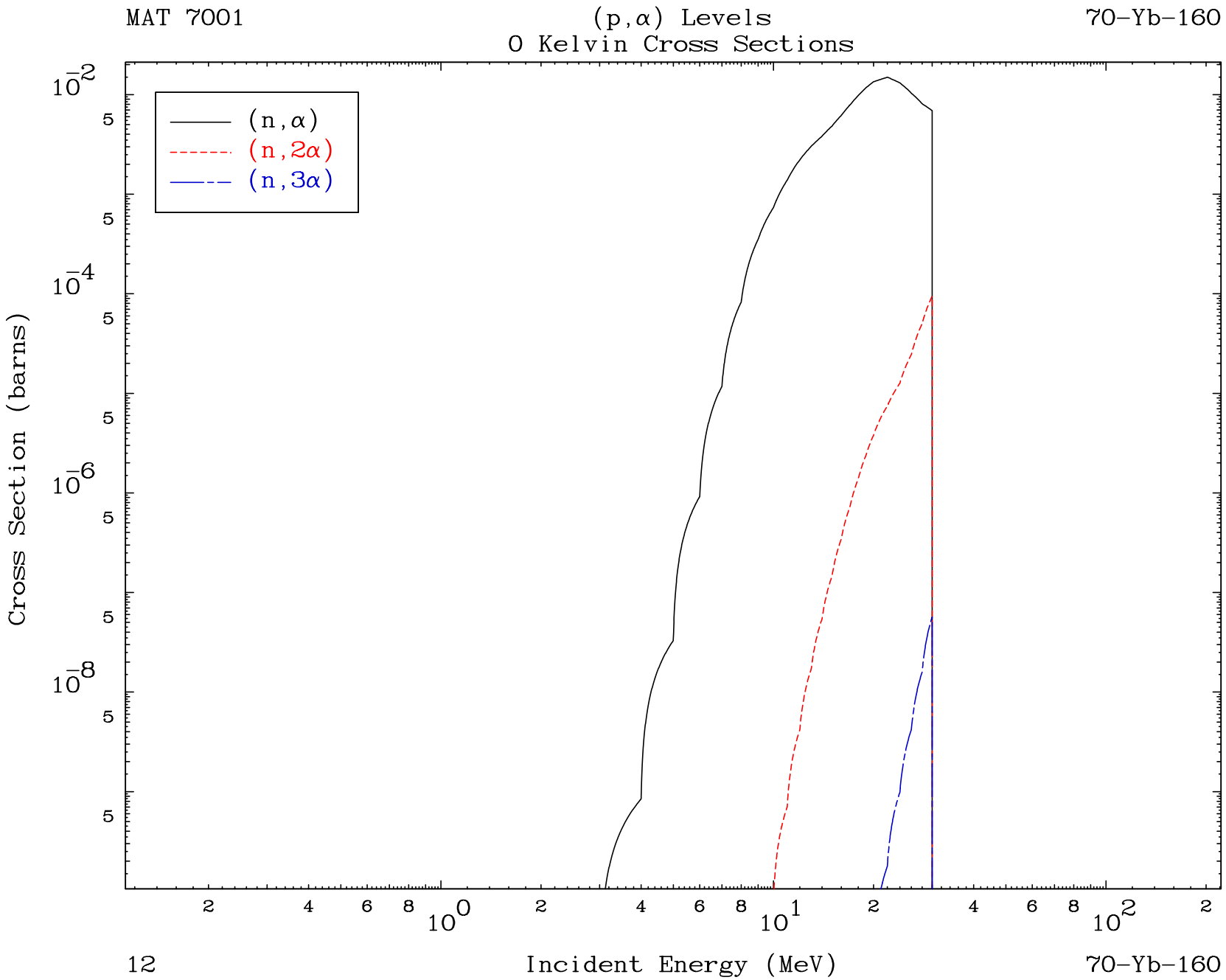

MAT 7001
Proton Charged Particle
0 Kelvin Cross Sections
70-Yb-160
(n,n') α
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
70-Yb-160

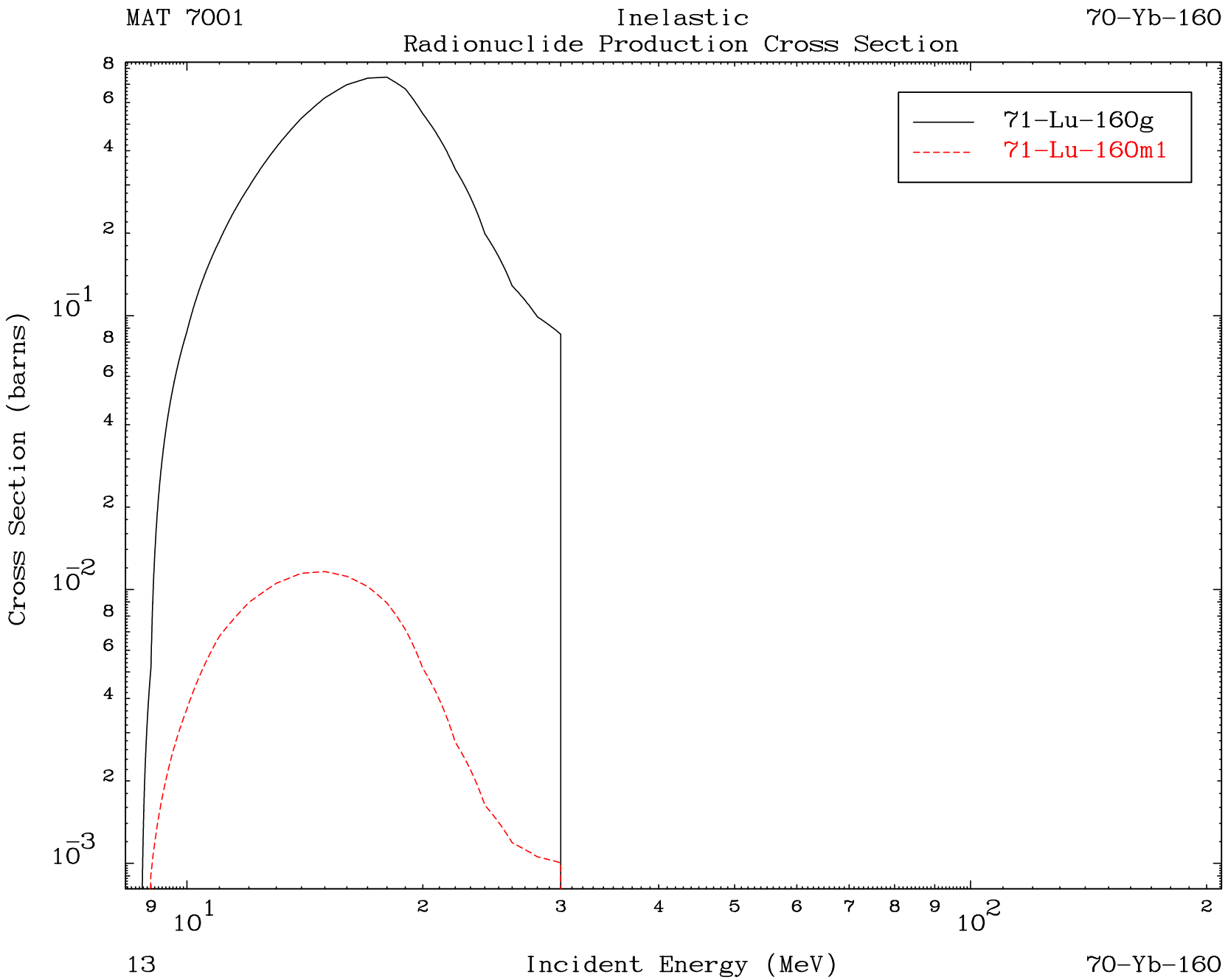

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)

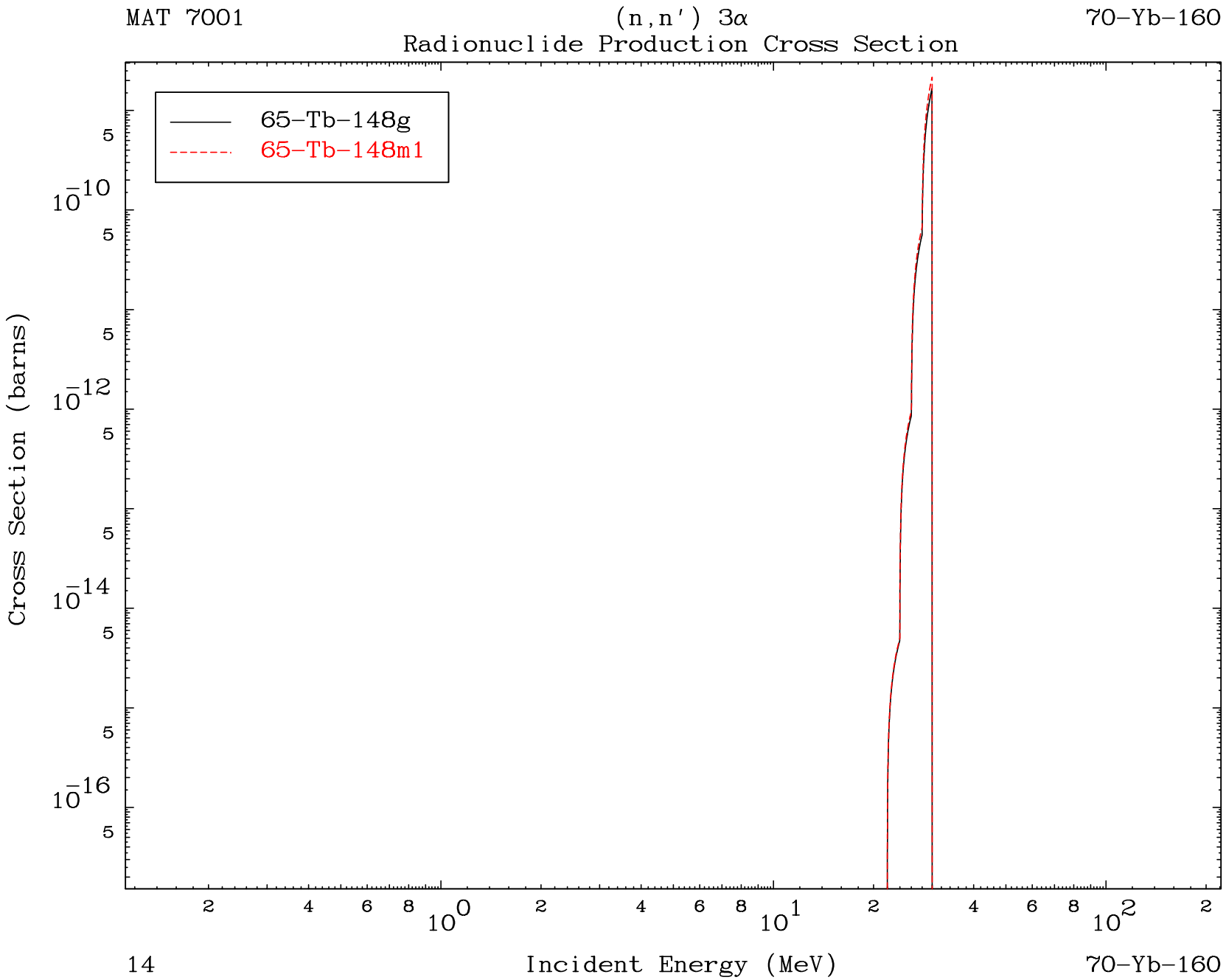

MAT 7001
(p,d) Levels
70-Yb-160
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
70-Yb-160

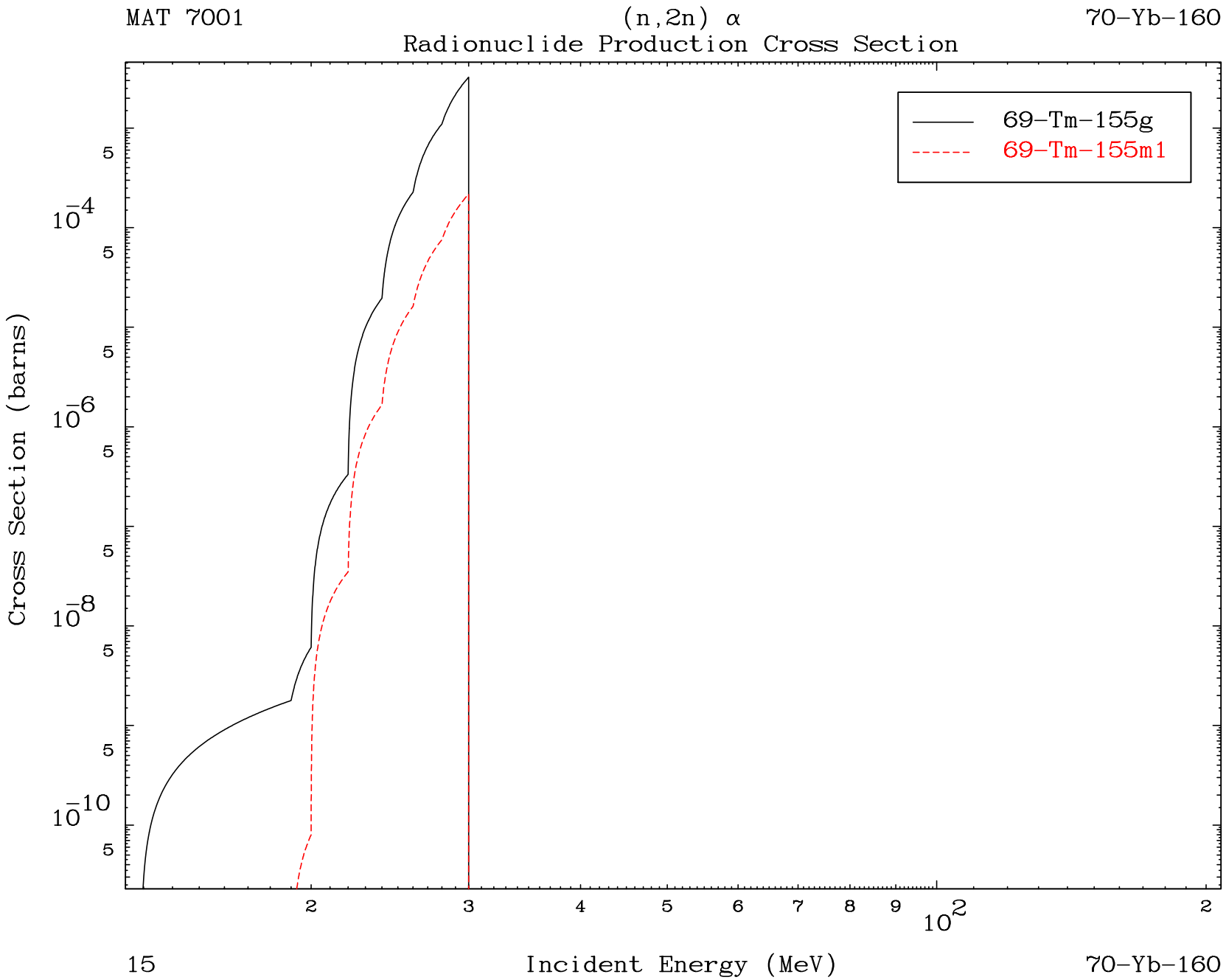

MAT 7001
(p,t) Levels
70-Yb-160
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
70-Yb-160

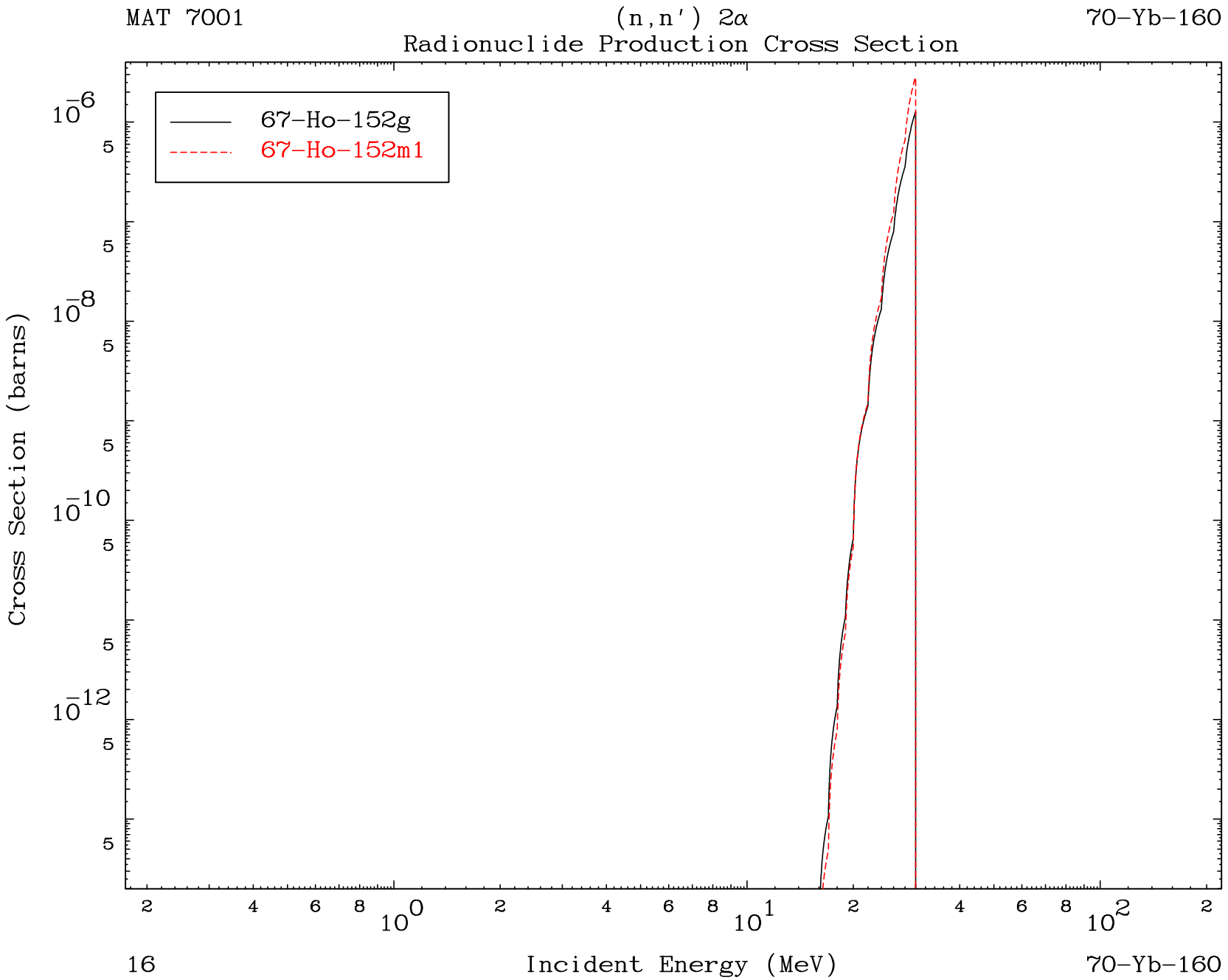

MAT 7001
(p,He3) Levels
70-Yb-160
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
70-Yb-160

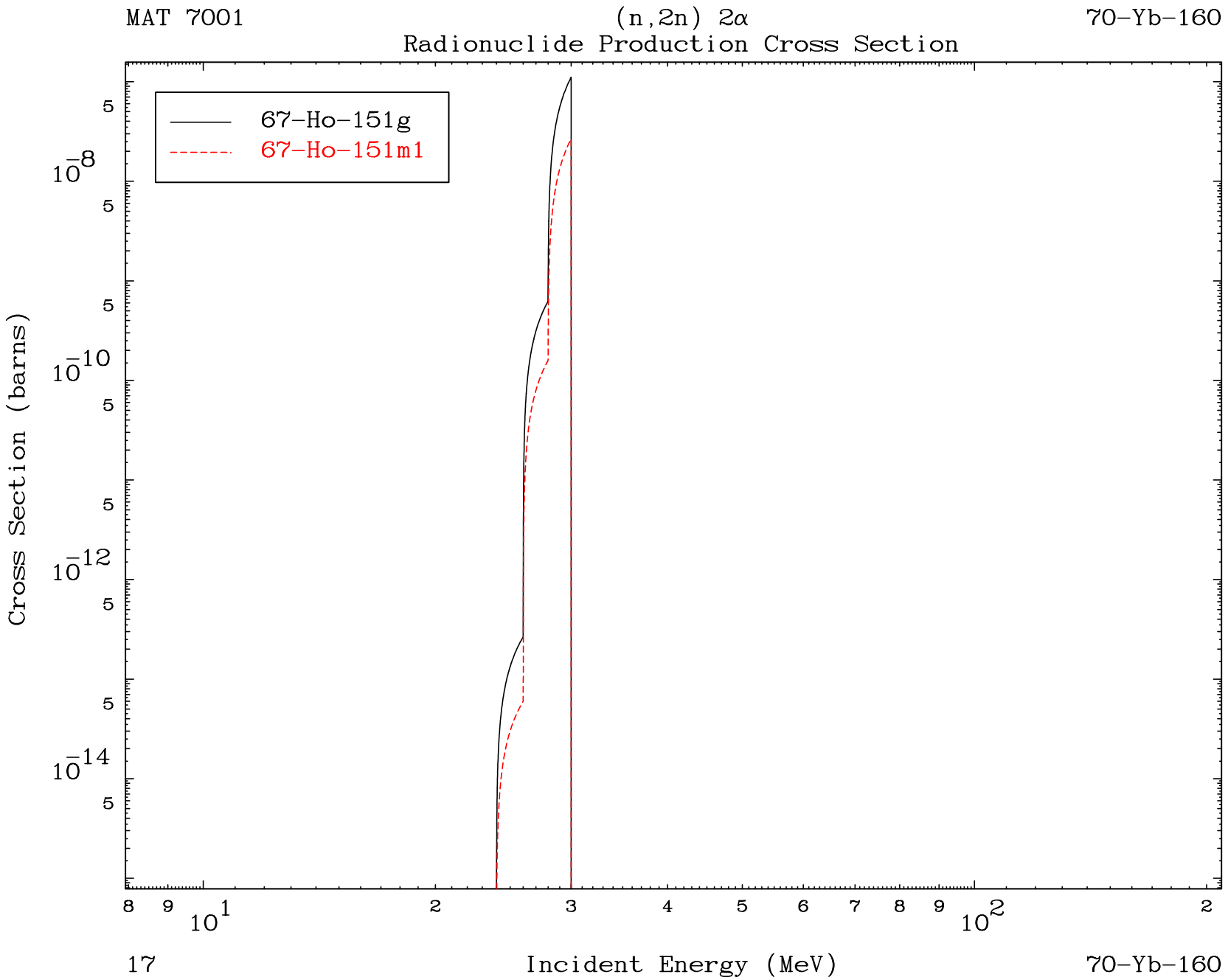

MAT 7001
(p,α) Levels
70-Yb-160
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
70-Yb-160

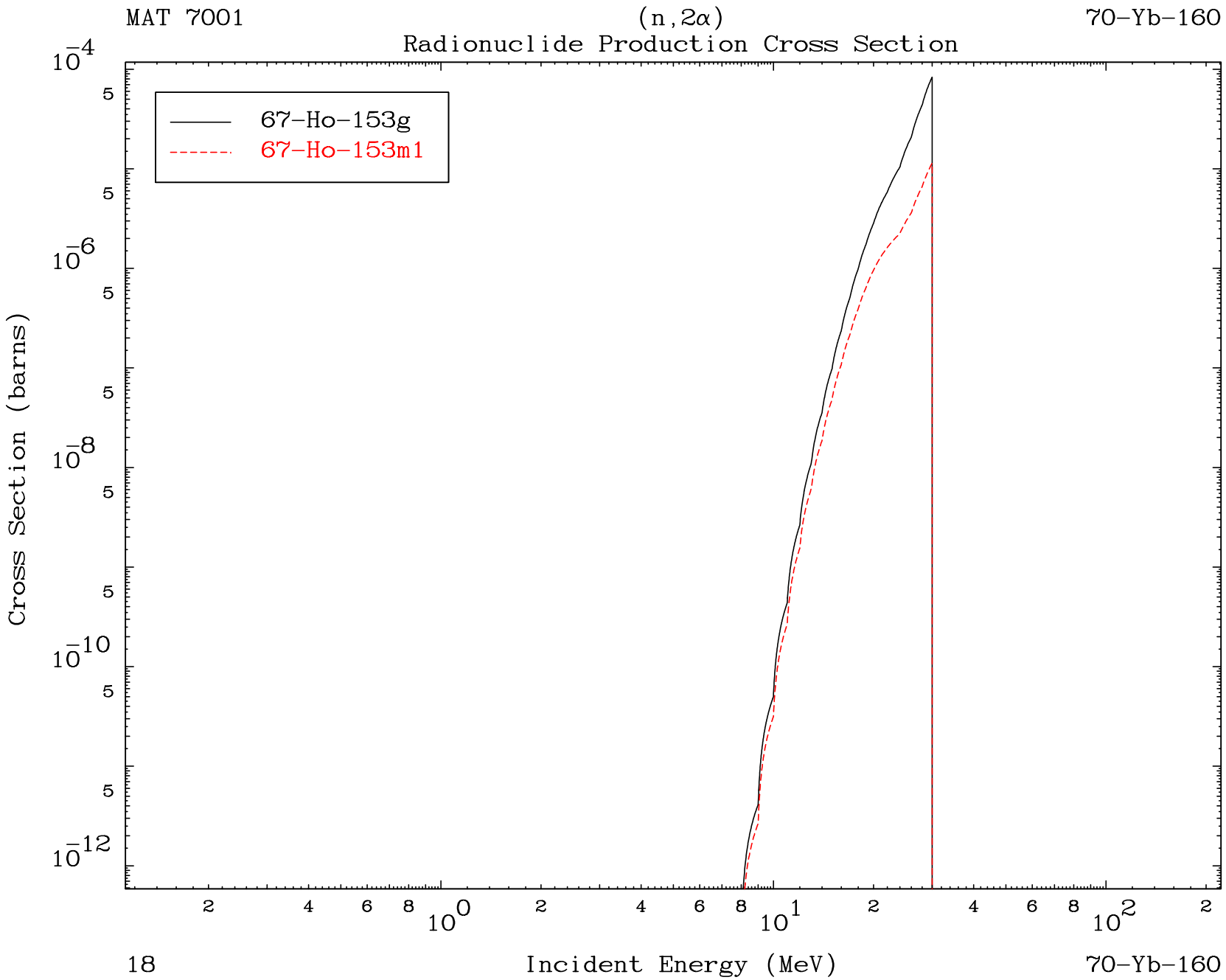

MAT 7001
Inelastic
70-Yb-160
Radionuclide Production Cross Section
71-Lu-160g
71-Lu-160m1
Cross Section (barns)
Incident Energy (MeV)
13
70-Yb-160

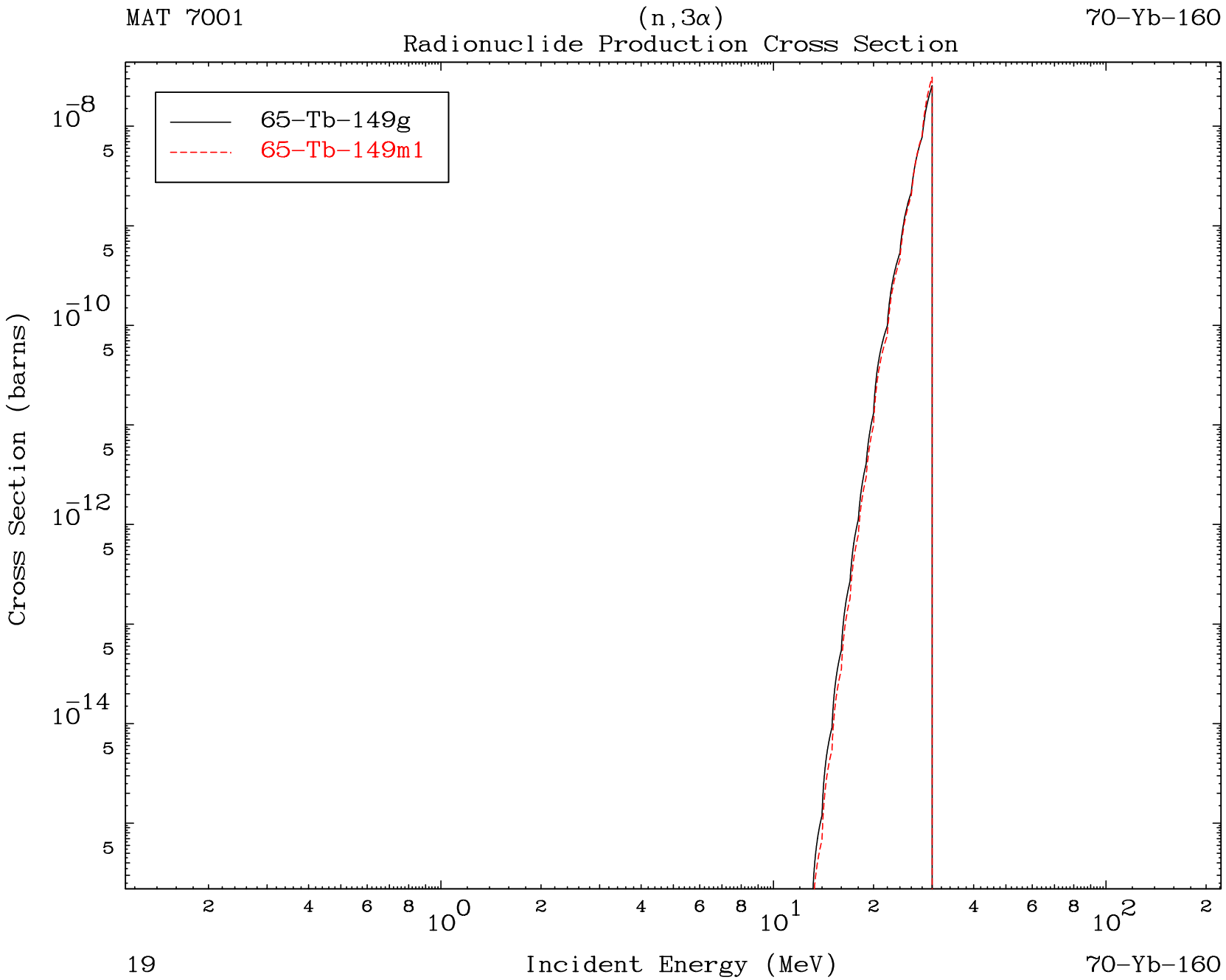

MAT 7001
(n,n') 3α
70-Yb-160
Radionuclide Production Cross Section
65-Tb-148g
65-Tb-148m1
Cross Section (barns)
Incident Energy (MeV)
14
70-Yb-160


MAT 7001
(n,2n) α
70-Yb-160
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
70-Yb-160


MAT 7001
(n,n') 2α
70-Yb-160
Radionuclide Production Cross Section
67-Ho-152g
67-Ho-152m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
100
101
102
16
Incident Energy (MeV)
70-Yb-160


MAT 7001
(n,2n) 2α
70-Yb-160
Radionuclide Production Cross Section
67-Ho-151g
67-Ho-151m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
17
Incident Energy (MeV)
70-Yb-160


MAT 7001
(n,2α)
70-Yb-160
Radionuclide Production Cross Section
67-Ho-153g
67-Ho-153m1
Cross Section (barns)
Incident Energy (MeV)
18
70-Yb-160


MAT 7001
(n,3α)
70-Yb-160
Radionuclide Production Cross Section
65-Tb-149g
65-Tb-149m1
Cross Section (barns)
Incident Energy (MeV)
19
70-Yb-160