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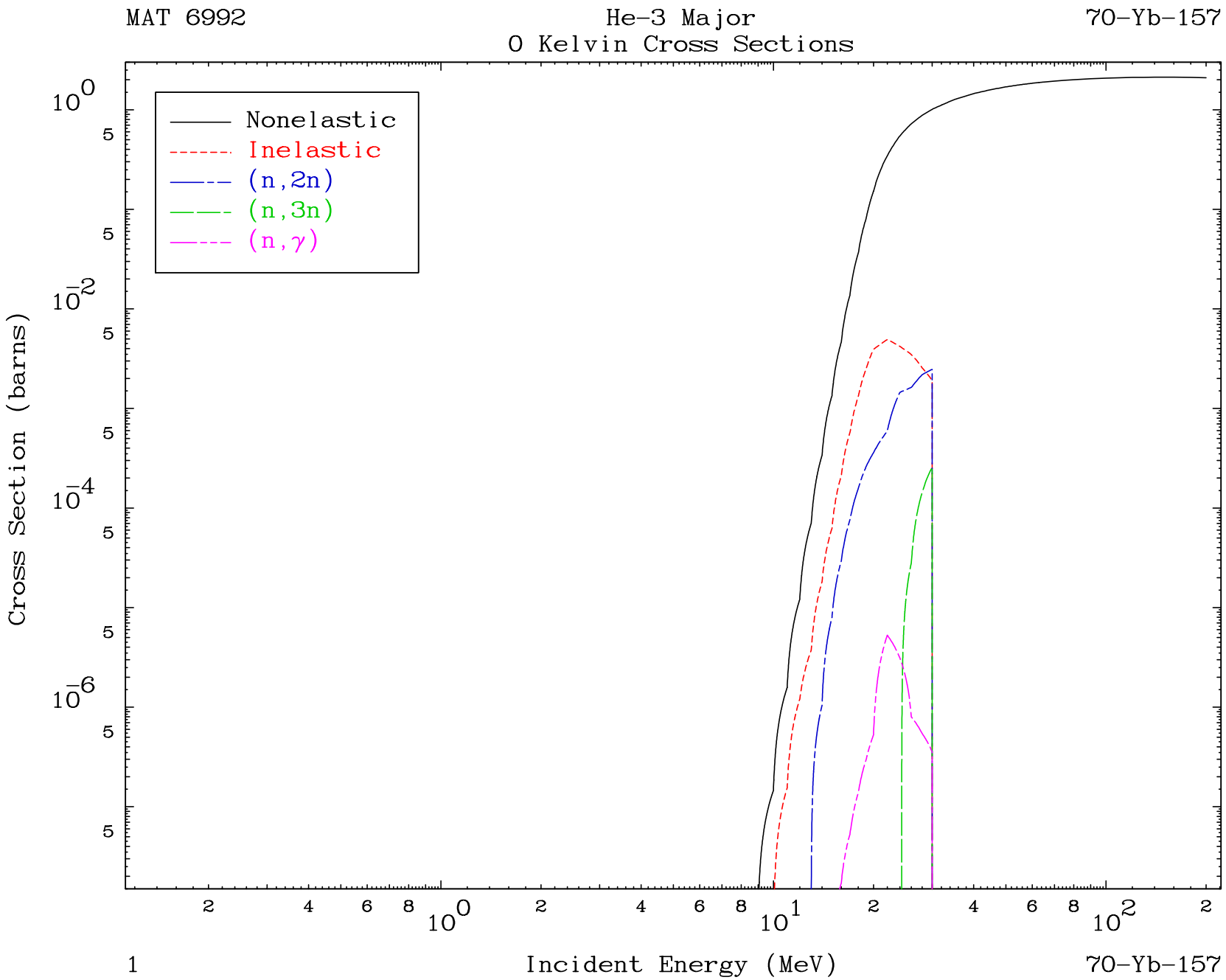
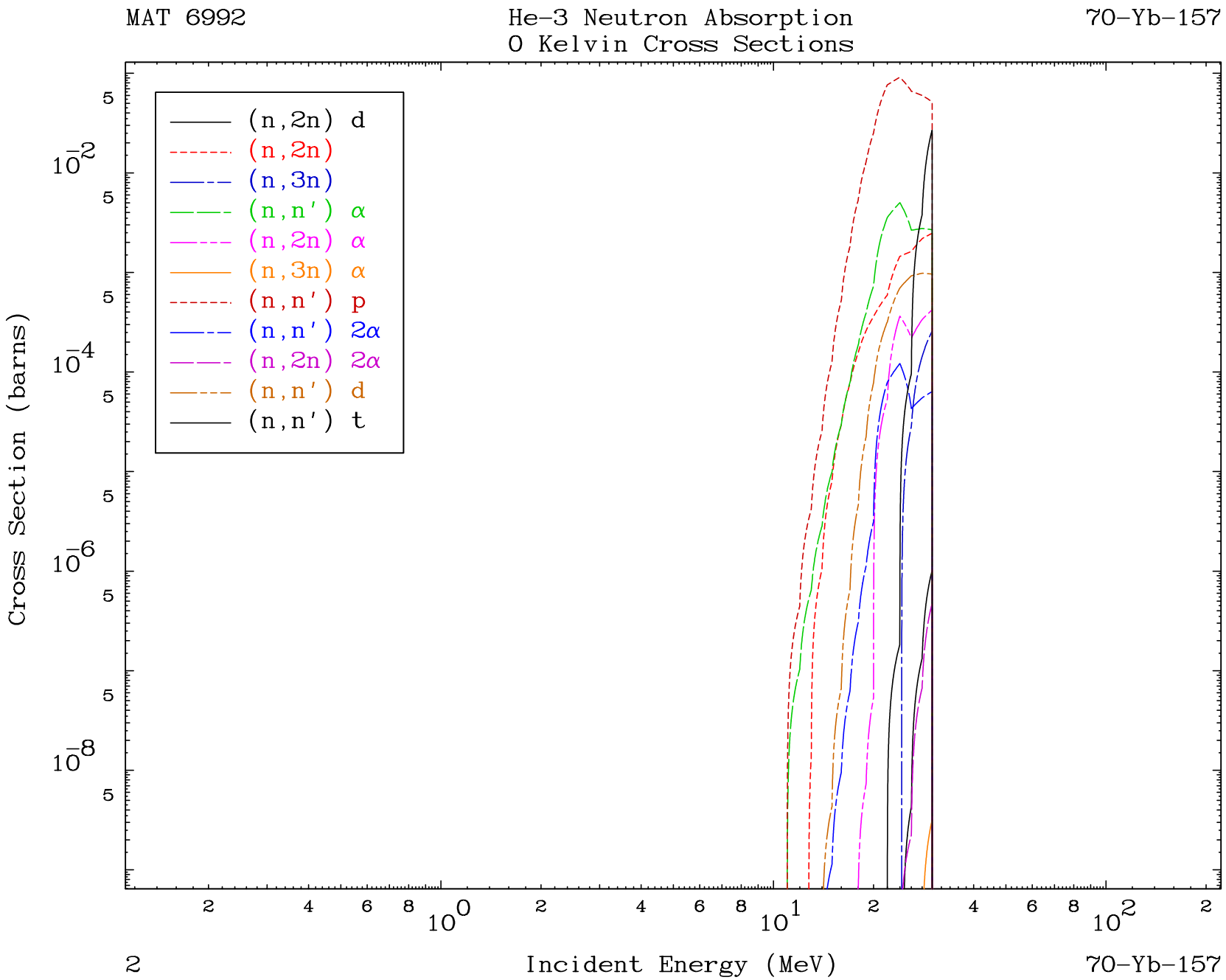
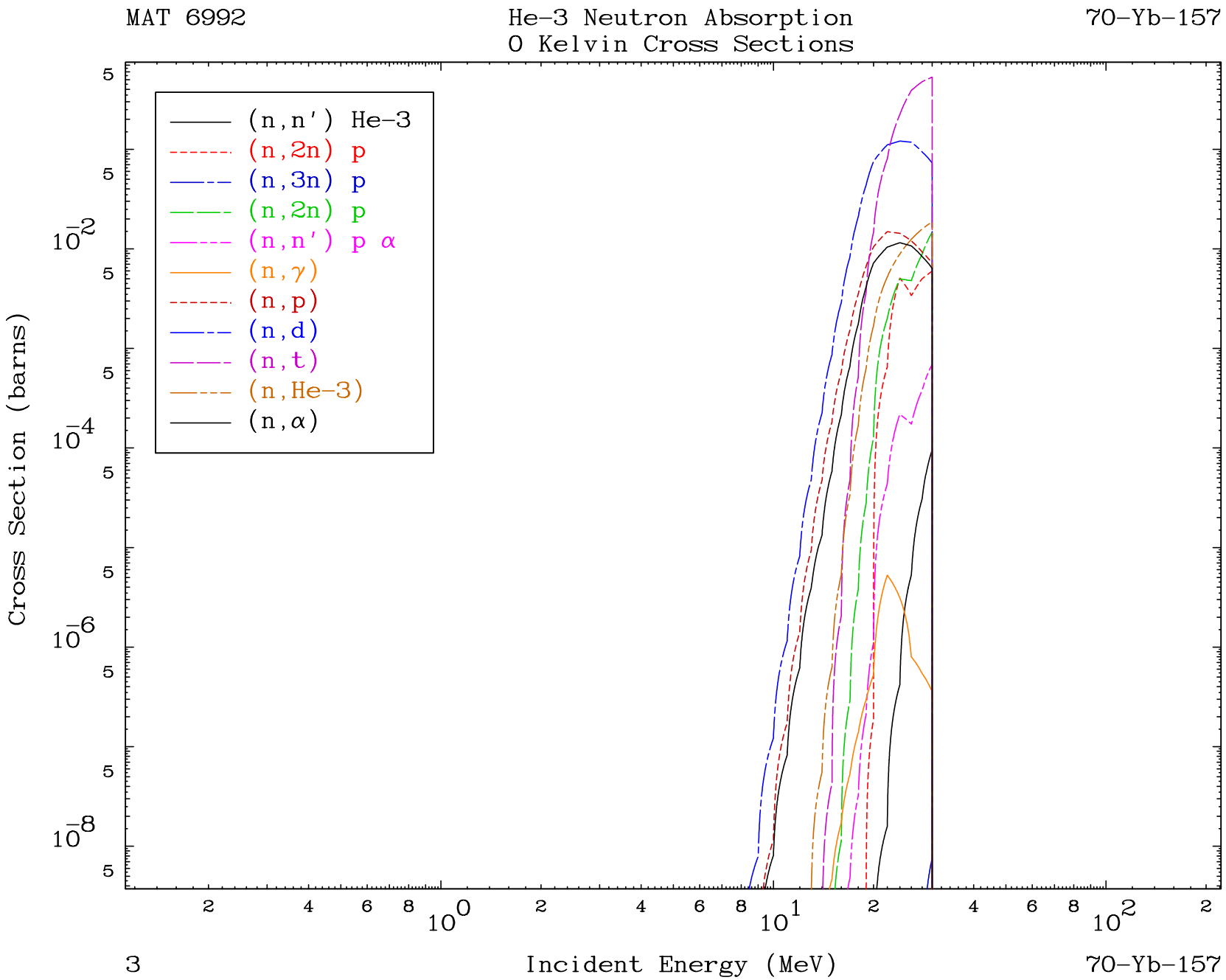
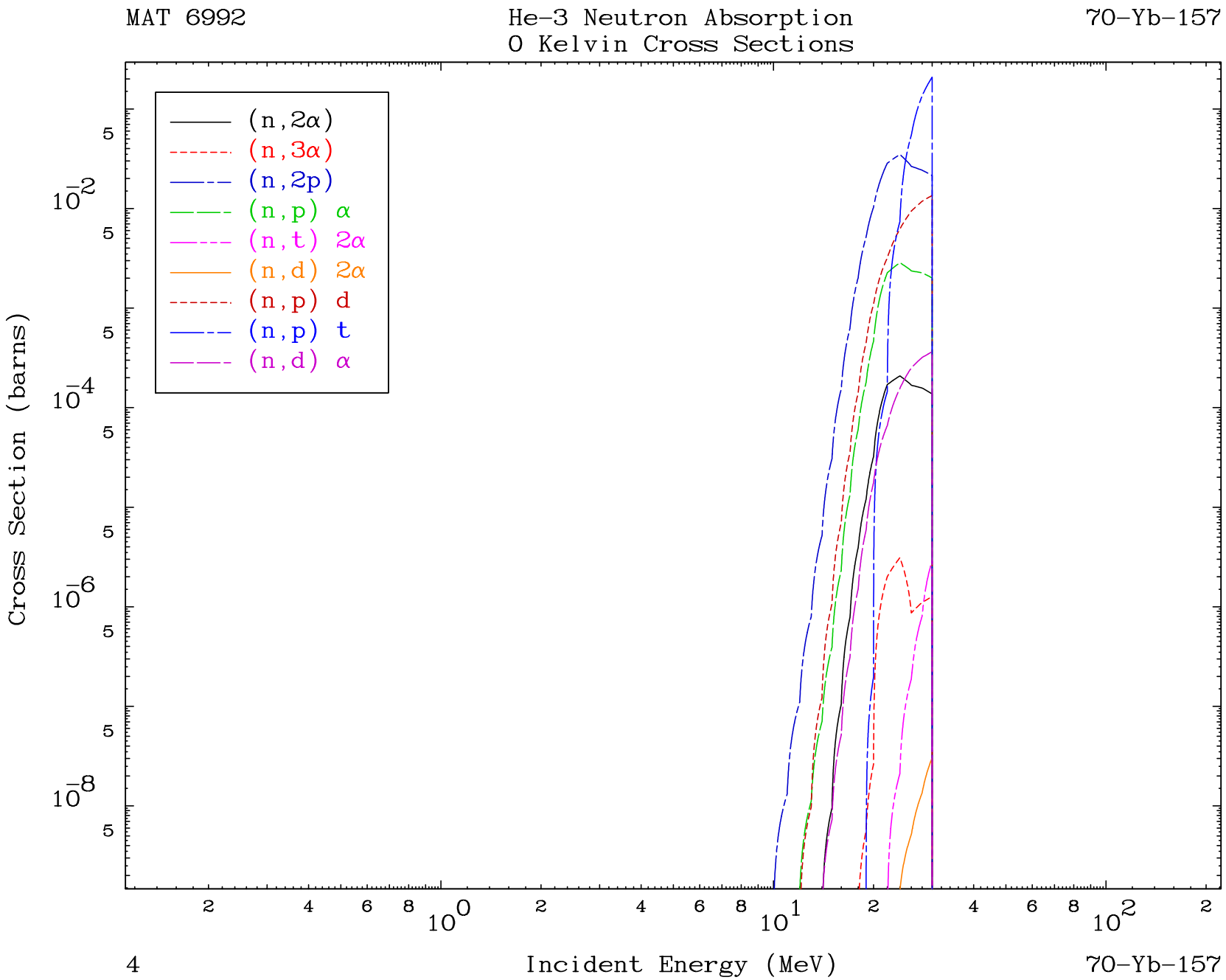
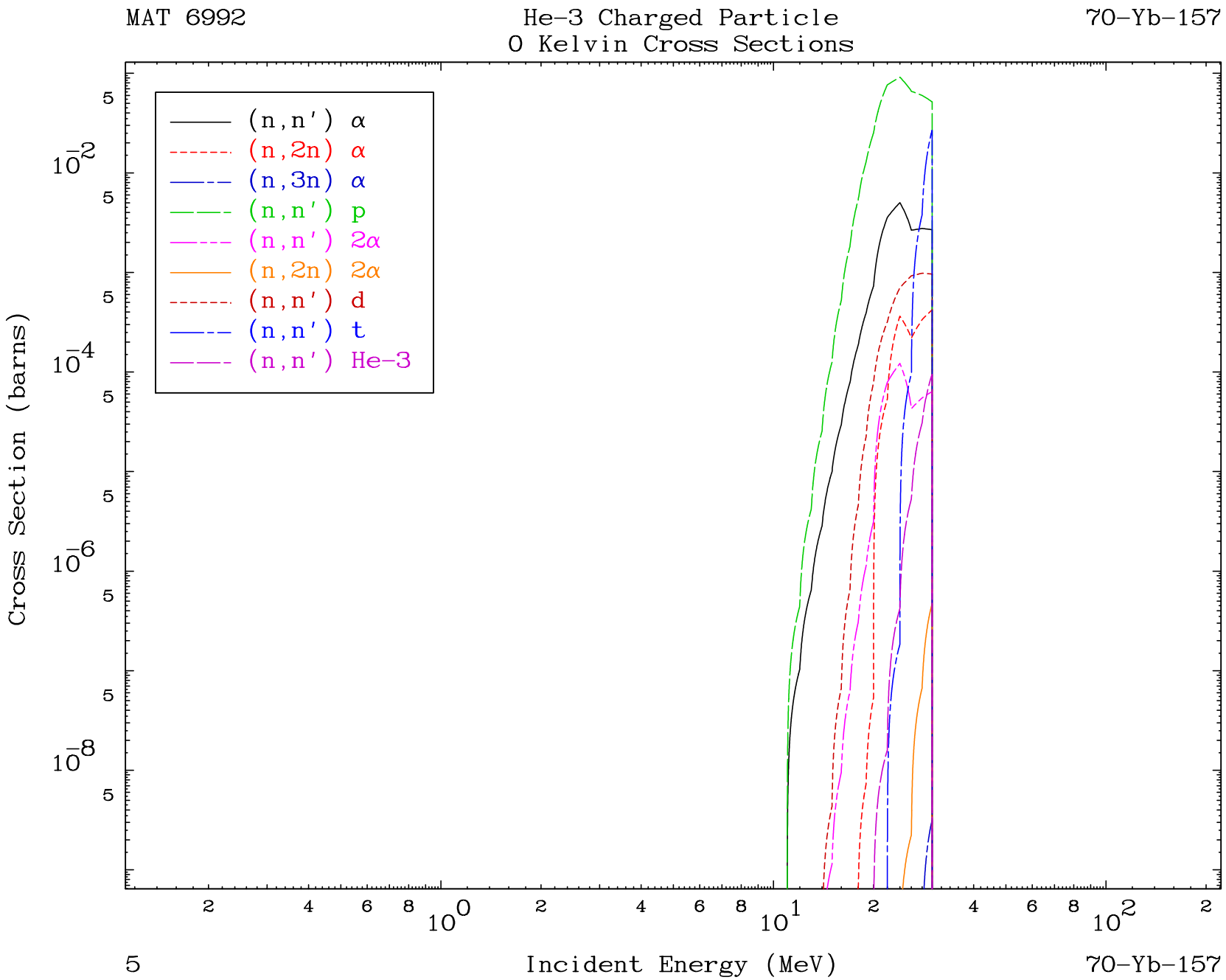
Press Mouse Button to Start

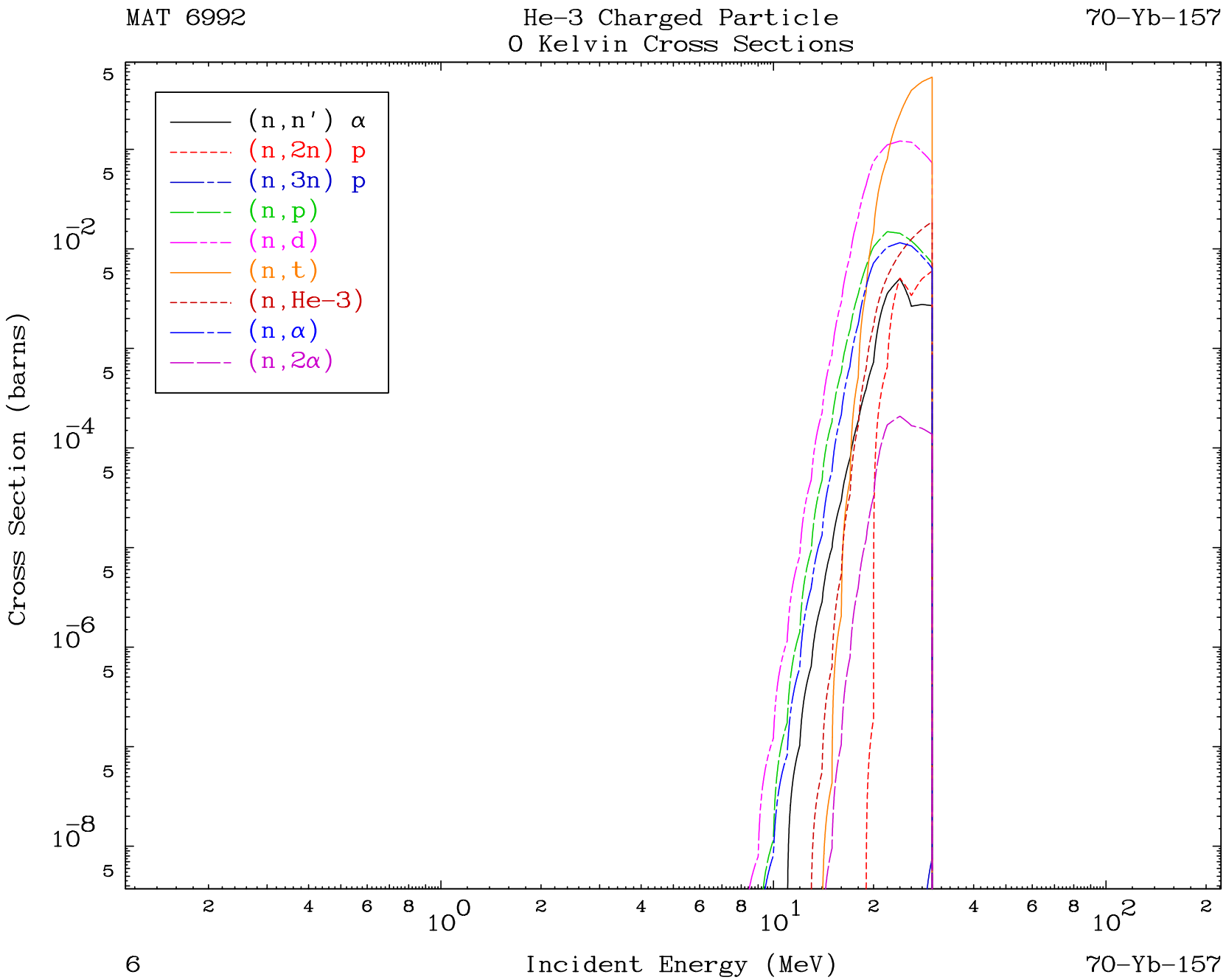

MAT 6992
He-3 Major
70-Yb-157
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
70-Yb-157

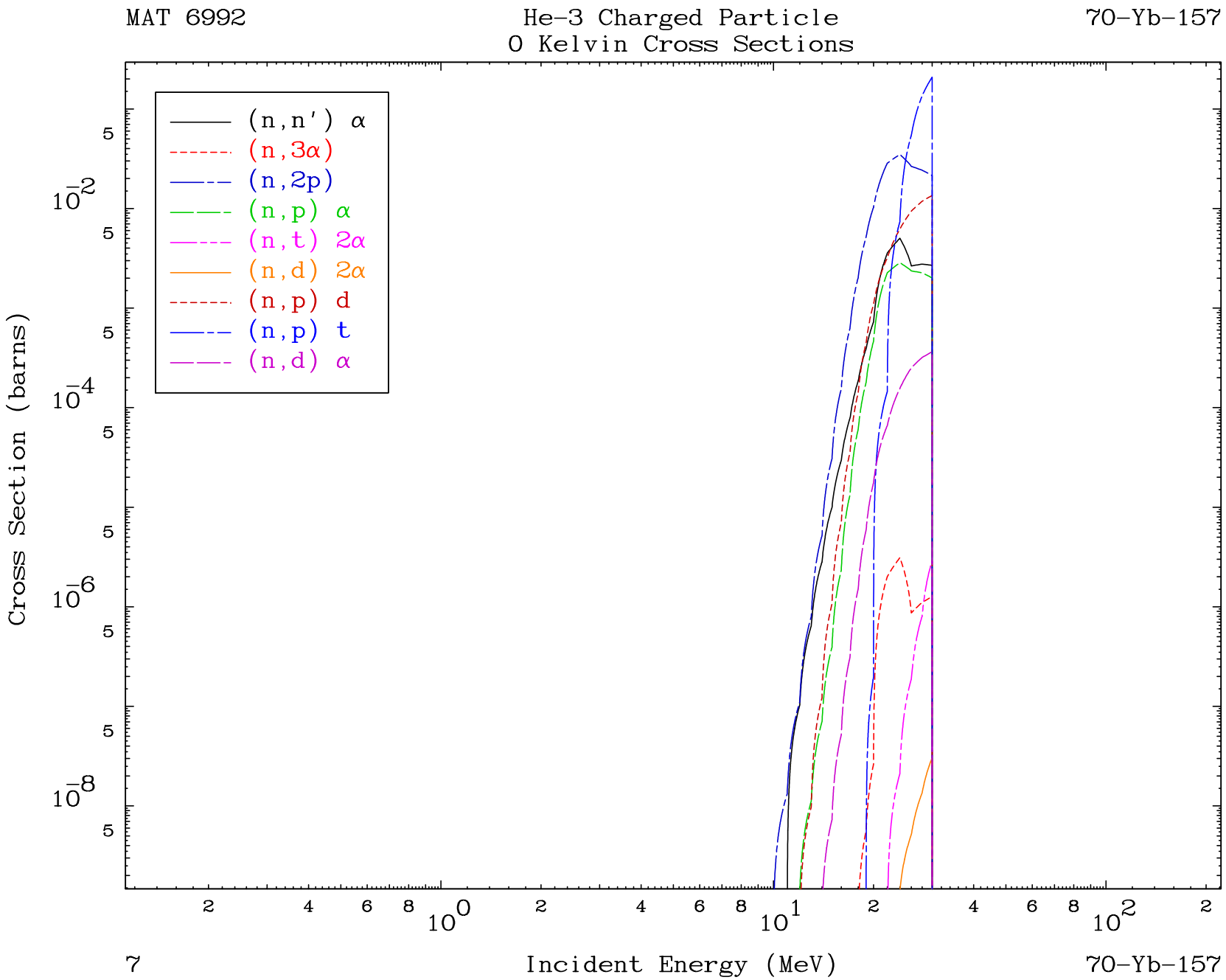

MAT 6992
He-3 Neutron Absorption
0 Kelvin Cross Sections
70-Yb-157
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
2
70-Yb-157

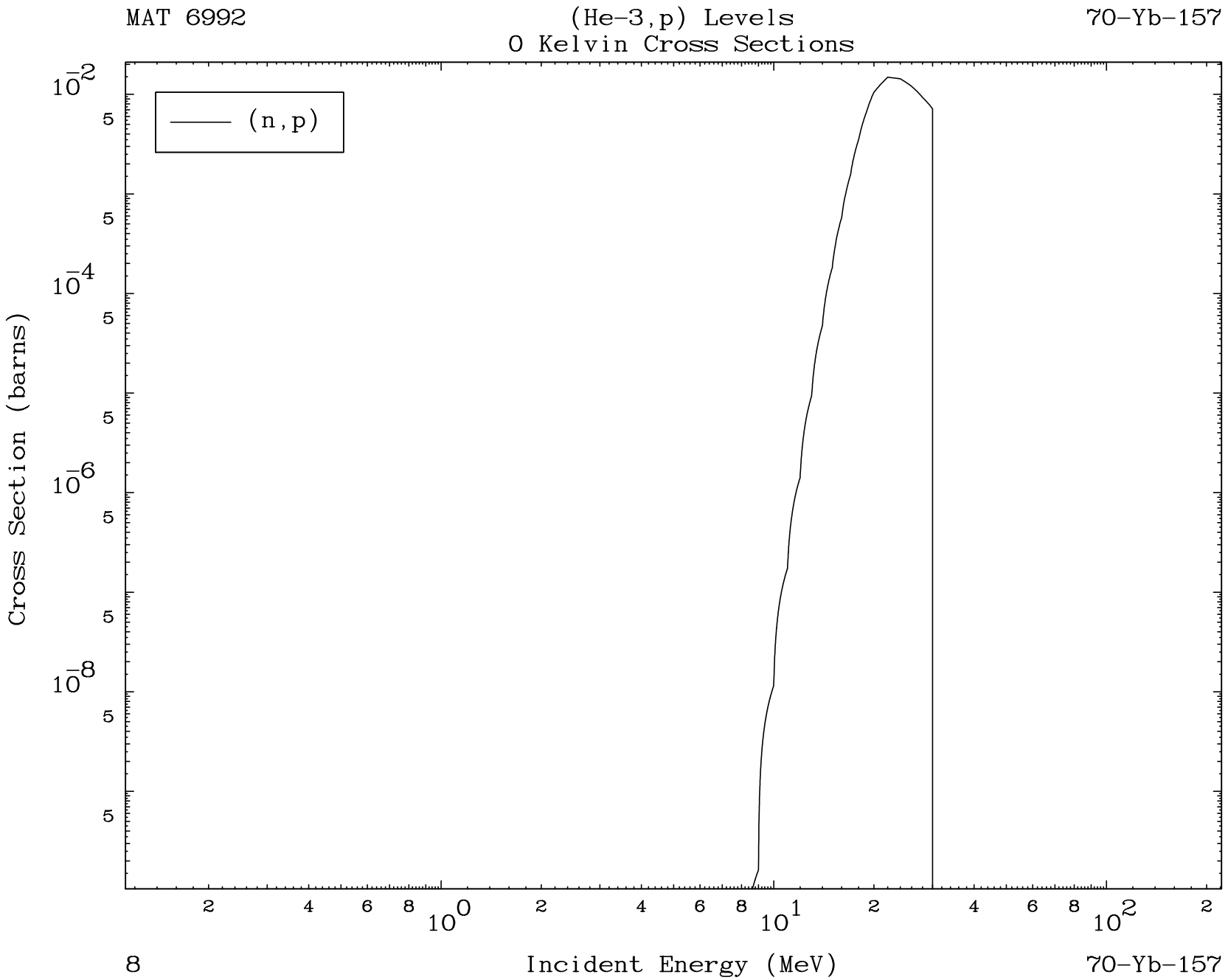

MAT 6992
He-3 Neutron Absorption
0 Kelvin Cross Sections
70-Yb-157
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
70-Yb-157

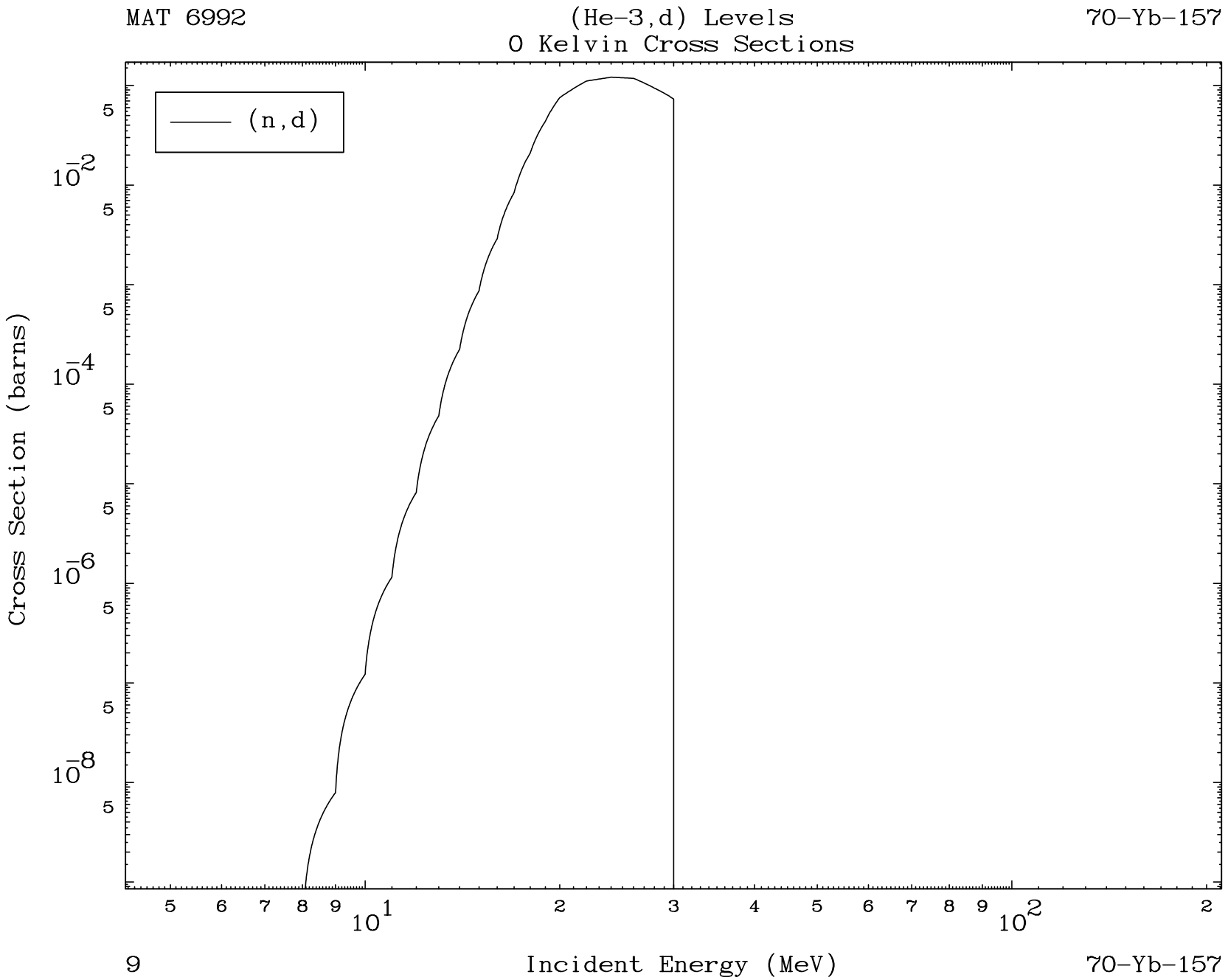

MAT 6992
He-3 Neutron Absorption
0 Kelvin Cross Sections
70-Yb-157
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-2
10-4
10-6
10-8
10^0
10^1
10^2
Incident Energy (MeV)
4
70-Yb-157

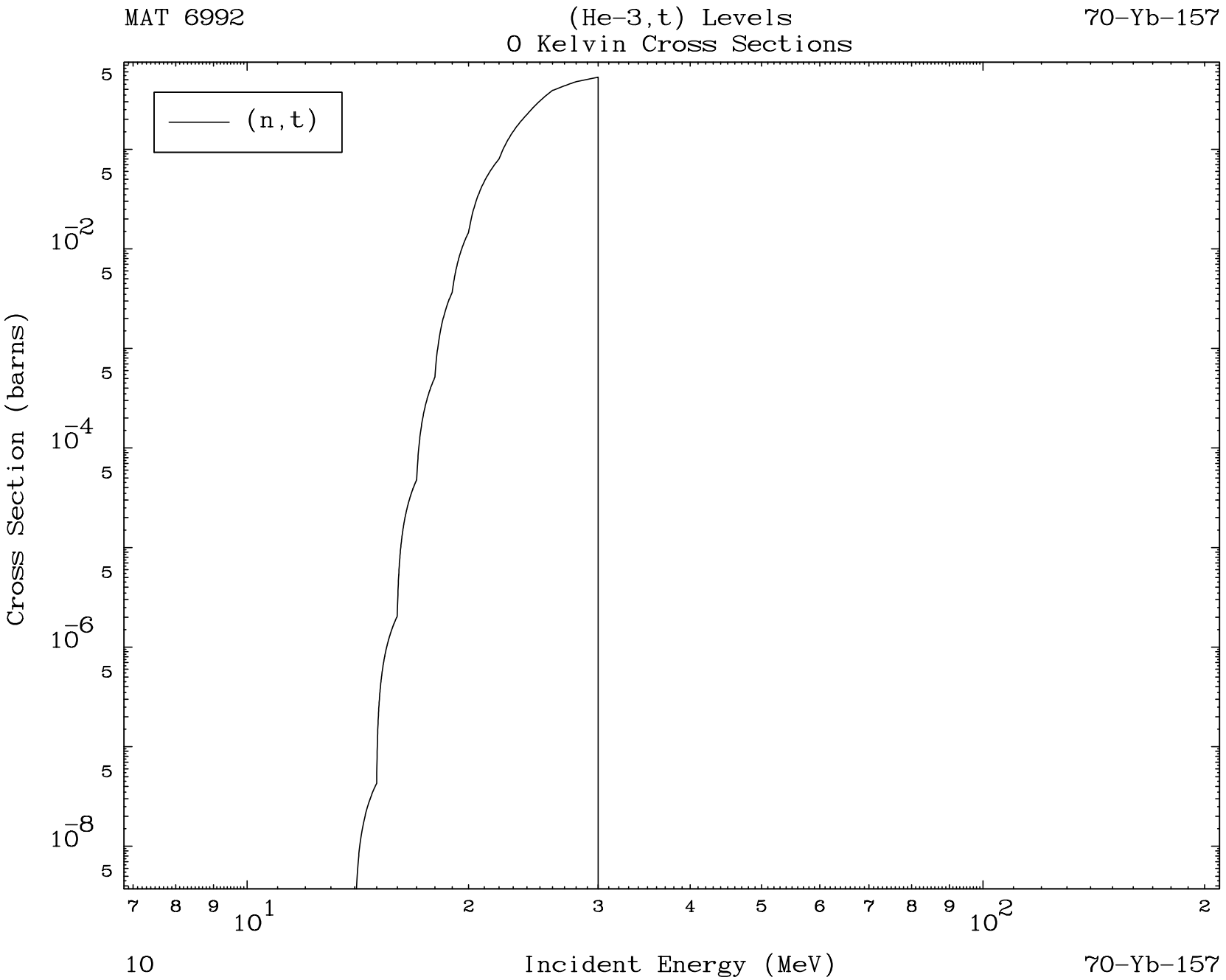

MAT 6992
He-3 Charged Particle
0 Kelvin Cross Sections
70-Yb-157
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
70-Yb-157
5

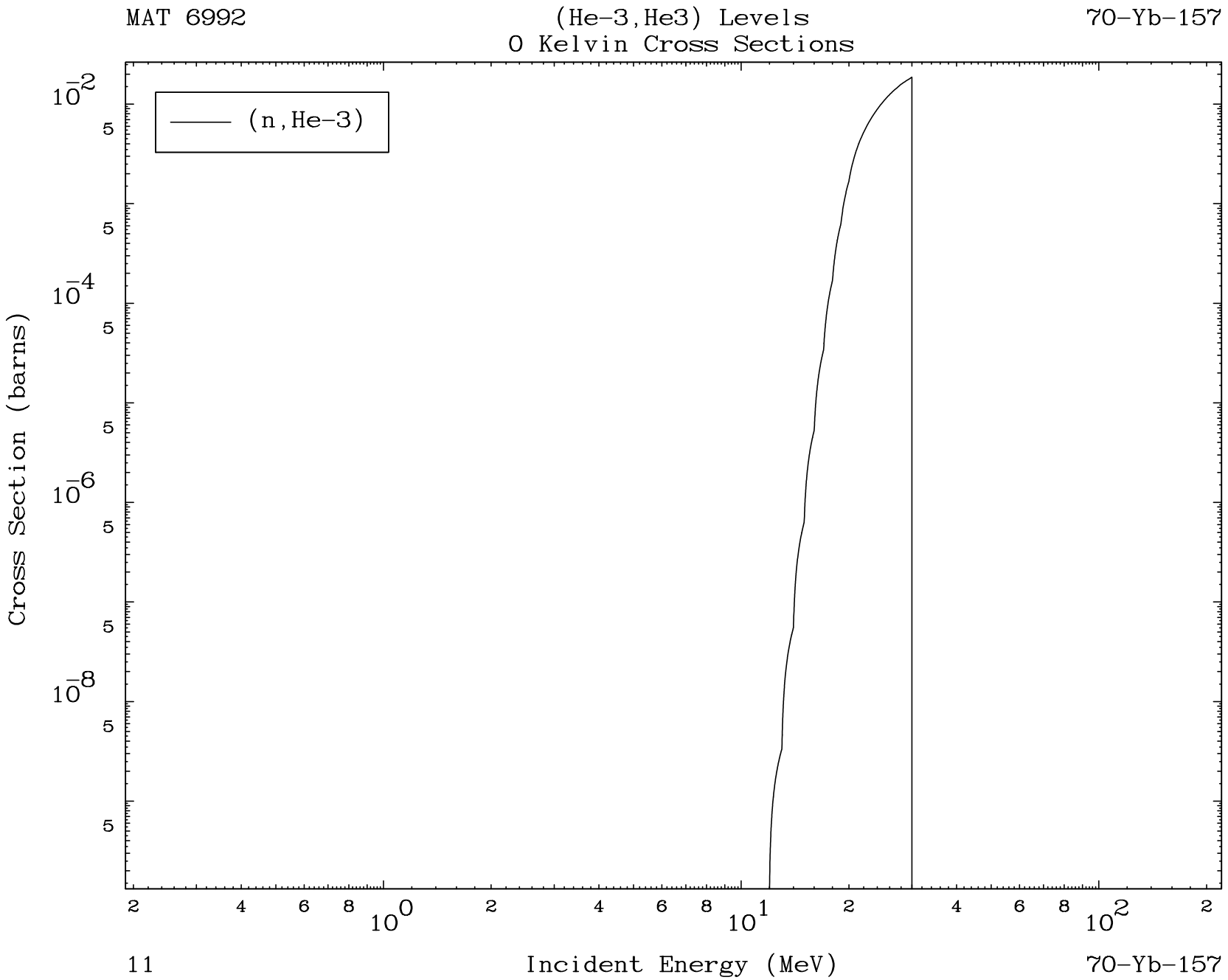

MAT 6992
He-3 Charged Particle
0 Kelvin Cross Sections
70-Yb-157
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
70-Yb-157

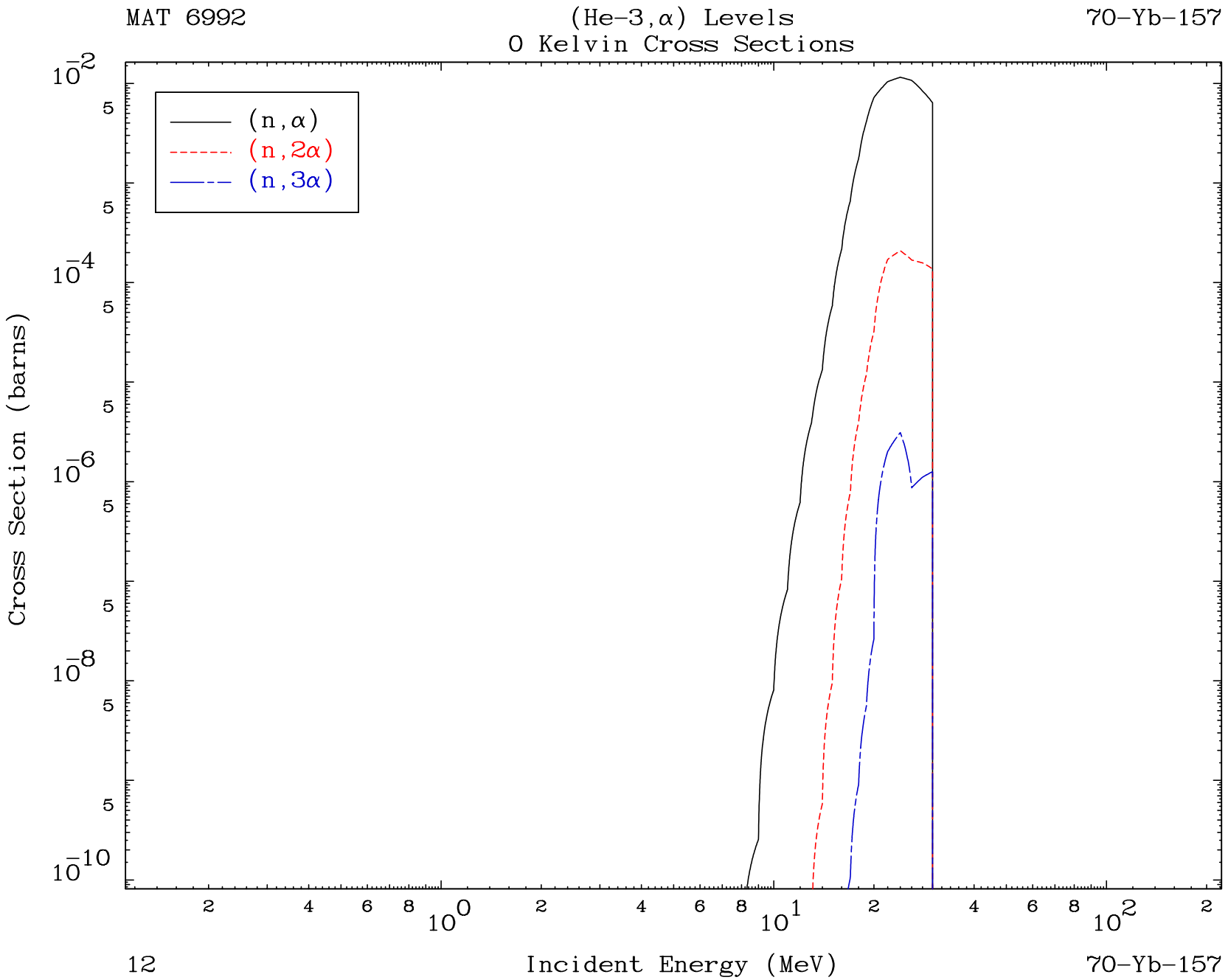

MAT 6992
He-3 Charged Particle
0 Kelvin Cross Sections
70-Yb-157
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
70-Yb-157

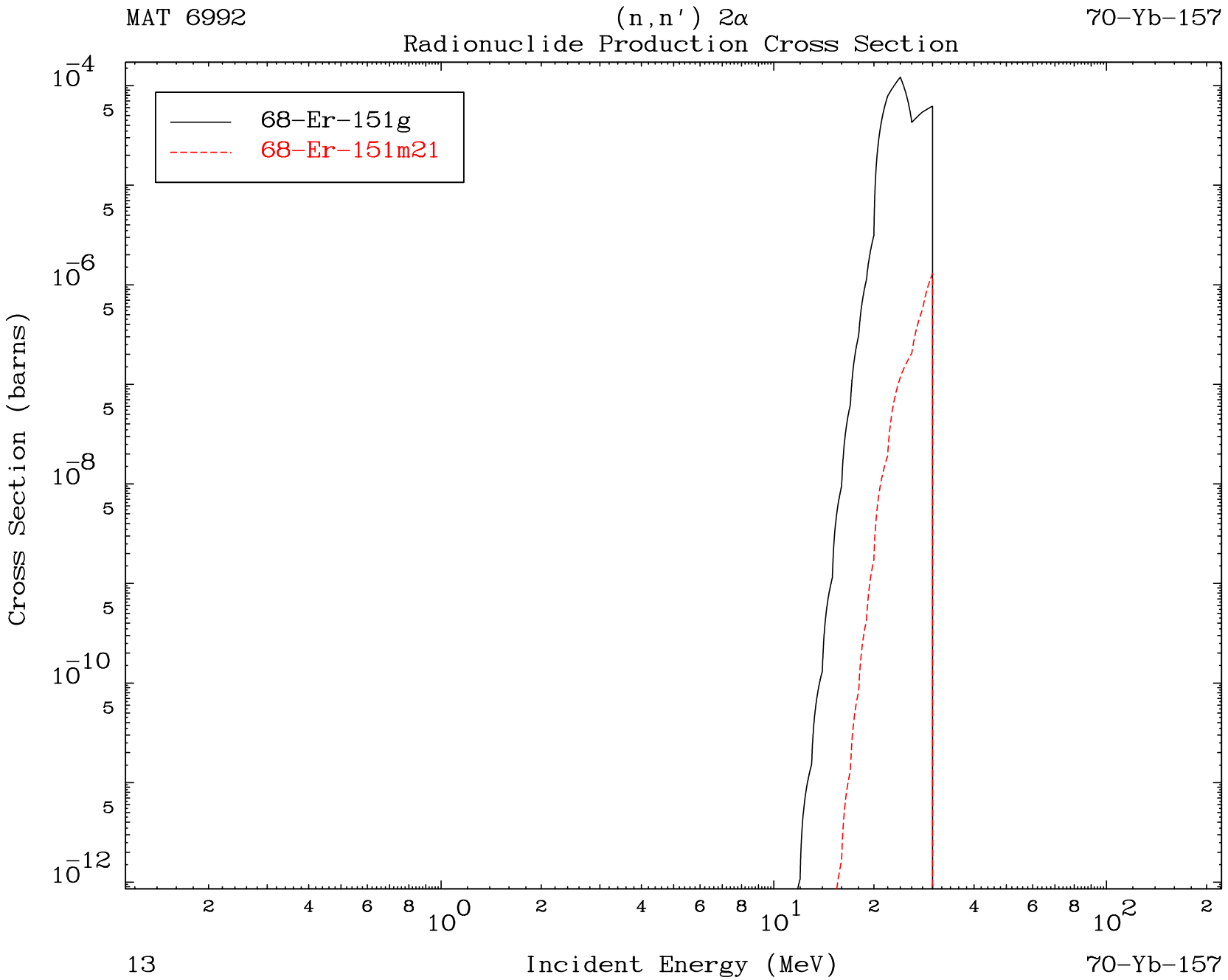

MAT 6992
(He-3,p) Levels
0 Kelvin Cross Sections
70-Yb-157
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
70-Yb-157

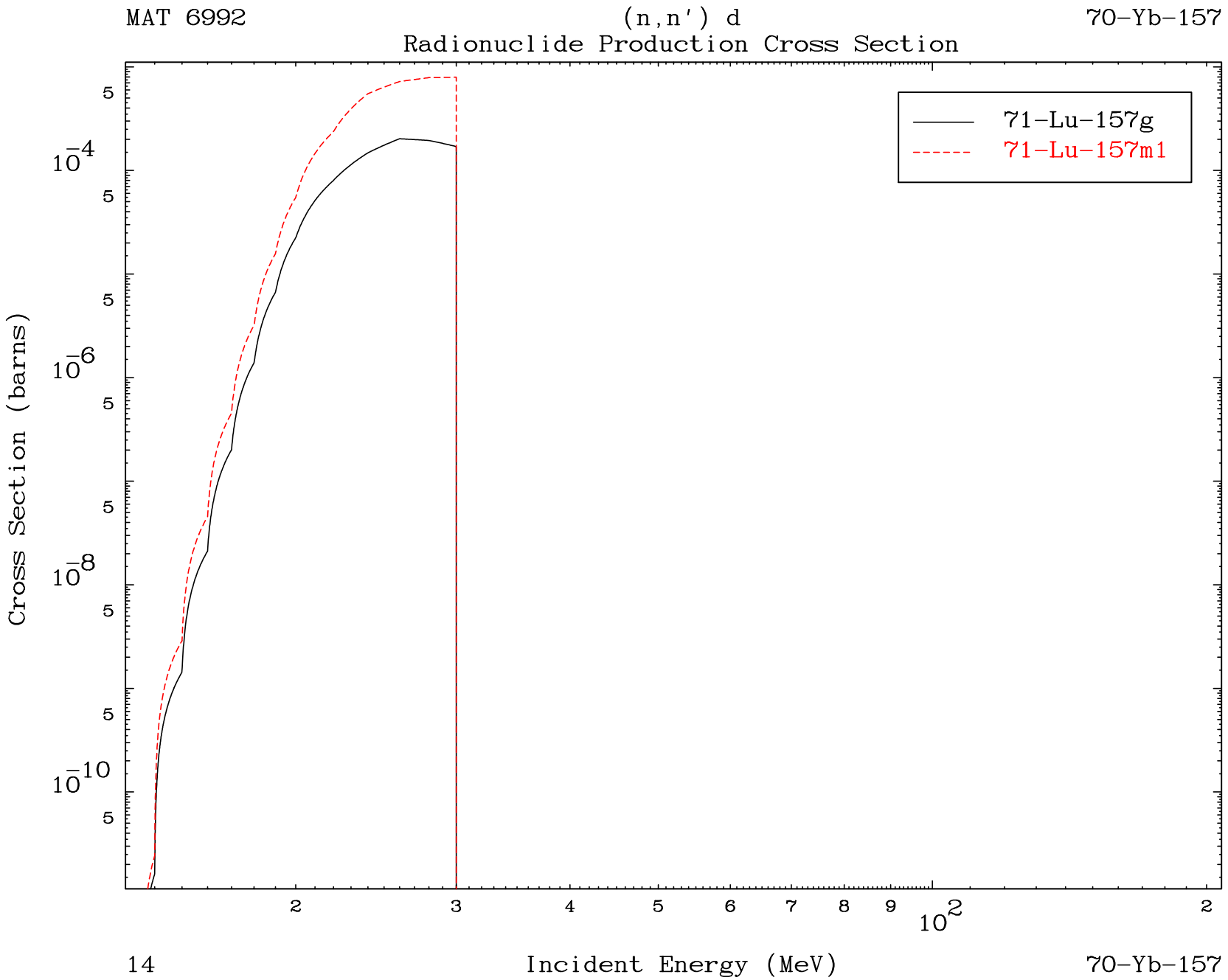

MAT 6992
(He-3,d) Levels
70-Yb-157
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
70-Yb-157

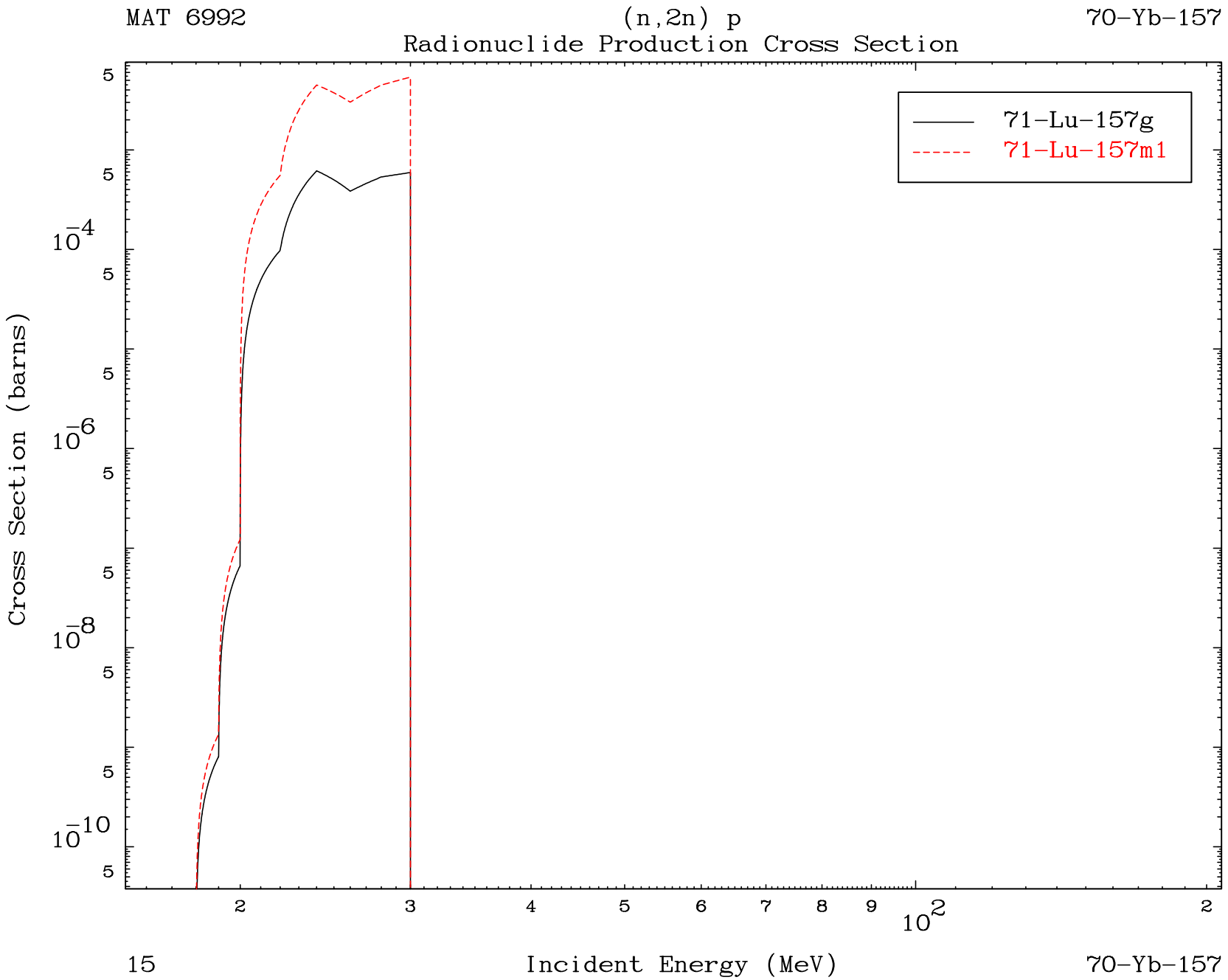

MAT 6992
(He-3,t) Levels
70-Yb-157
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
70-Yb-157

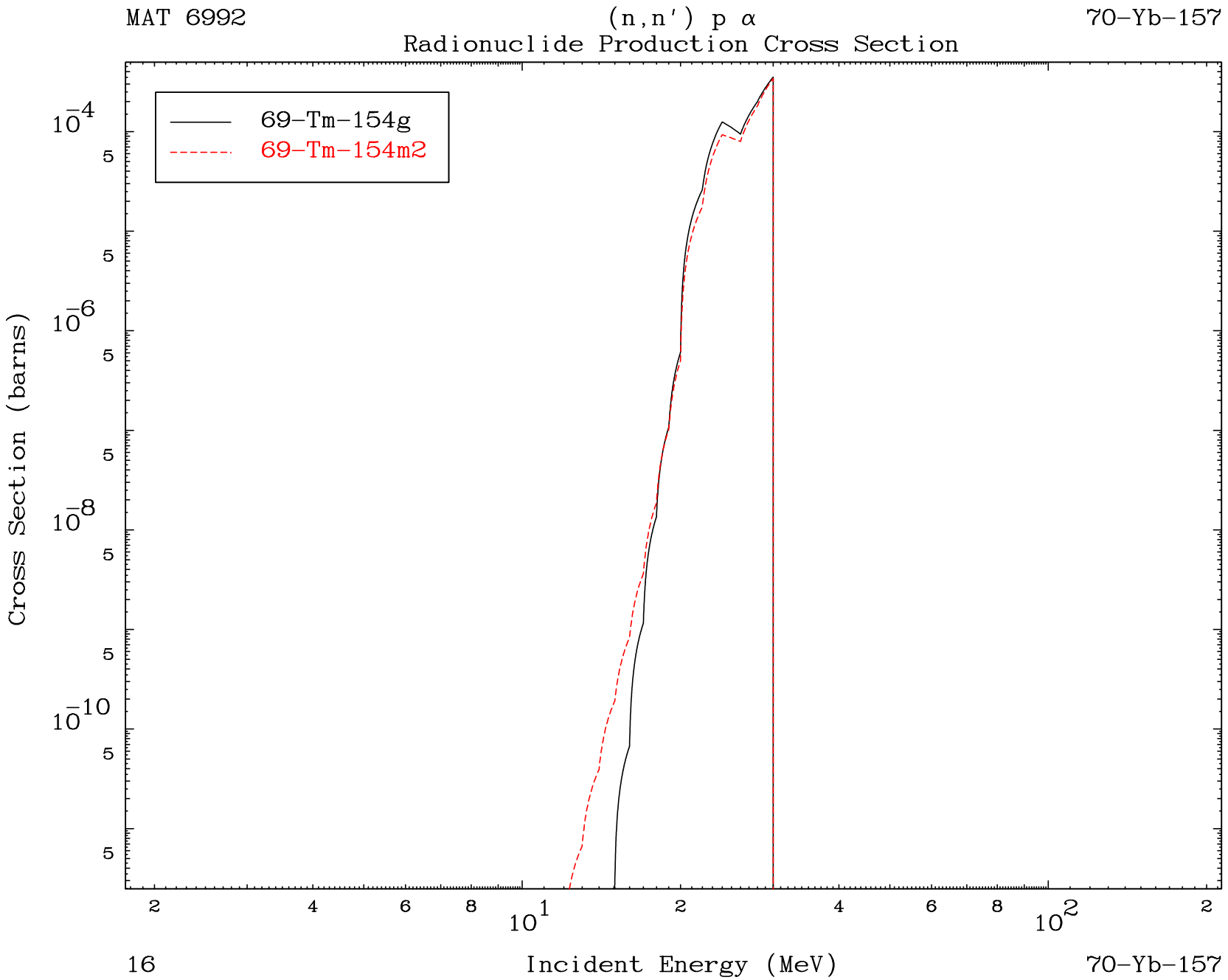

MAT 6992
(He-3,He3) Levels
70-Yb-157
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
70-Yb-157

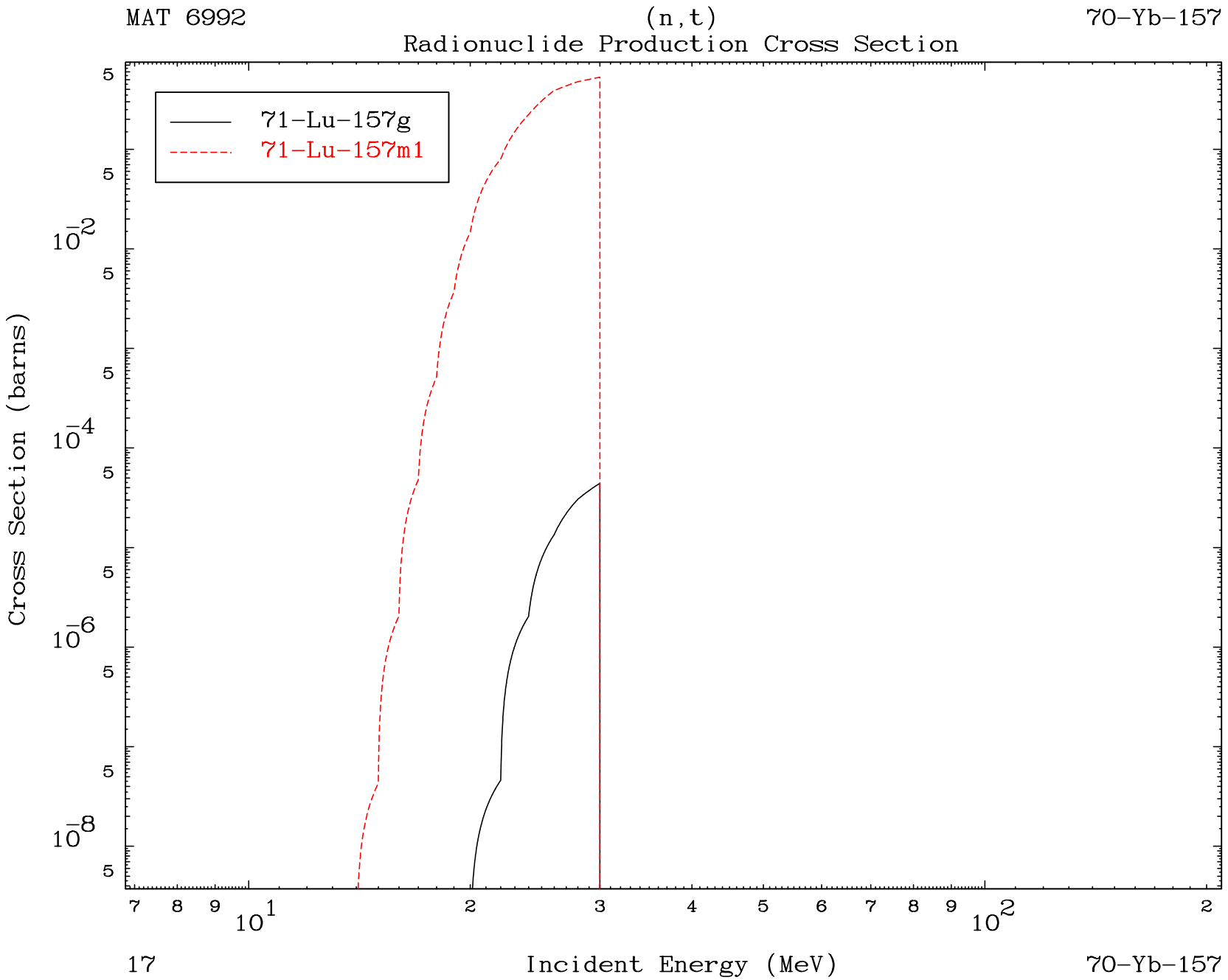

MAT 6992
(He-3,α) Levels
0 Kelvin Cross Sections
70-Yb-157
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
70-Yb-157

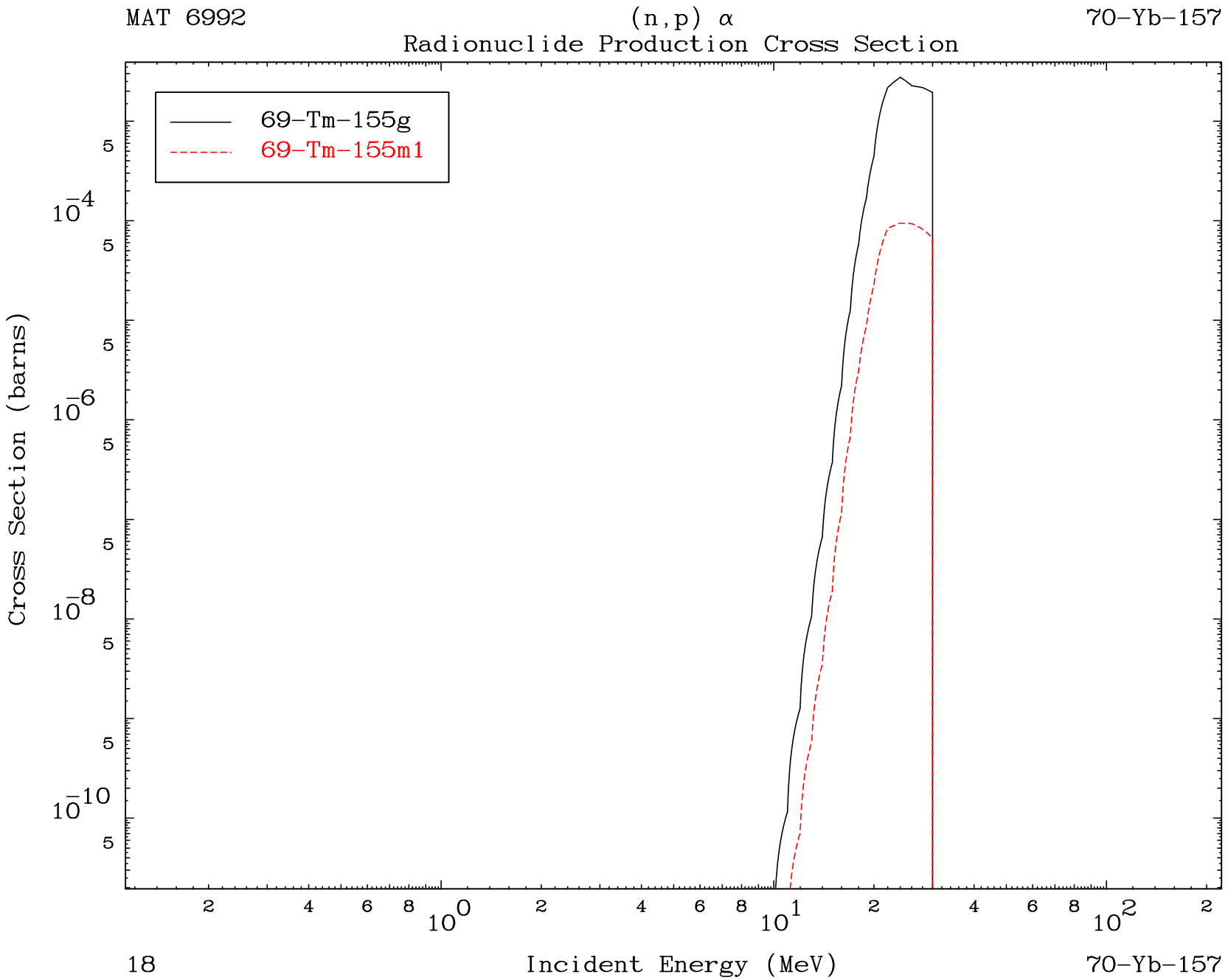

MAT 6992
(n,n') 2α
70-Yb-157
Radionuclide Production Cross Section
68-Er-151g
68-Er-151m21
Cross Section (barns)
Incident Energy (MeV)
13
70-Yb-157

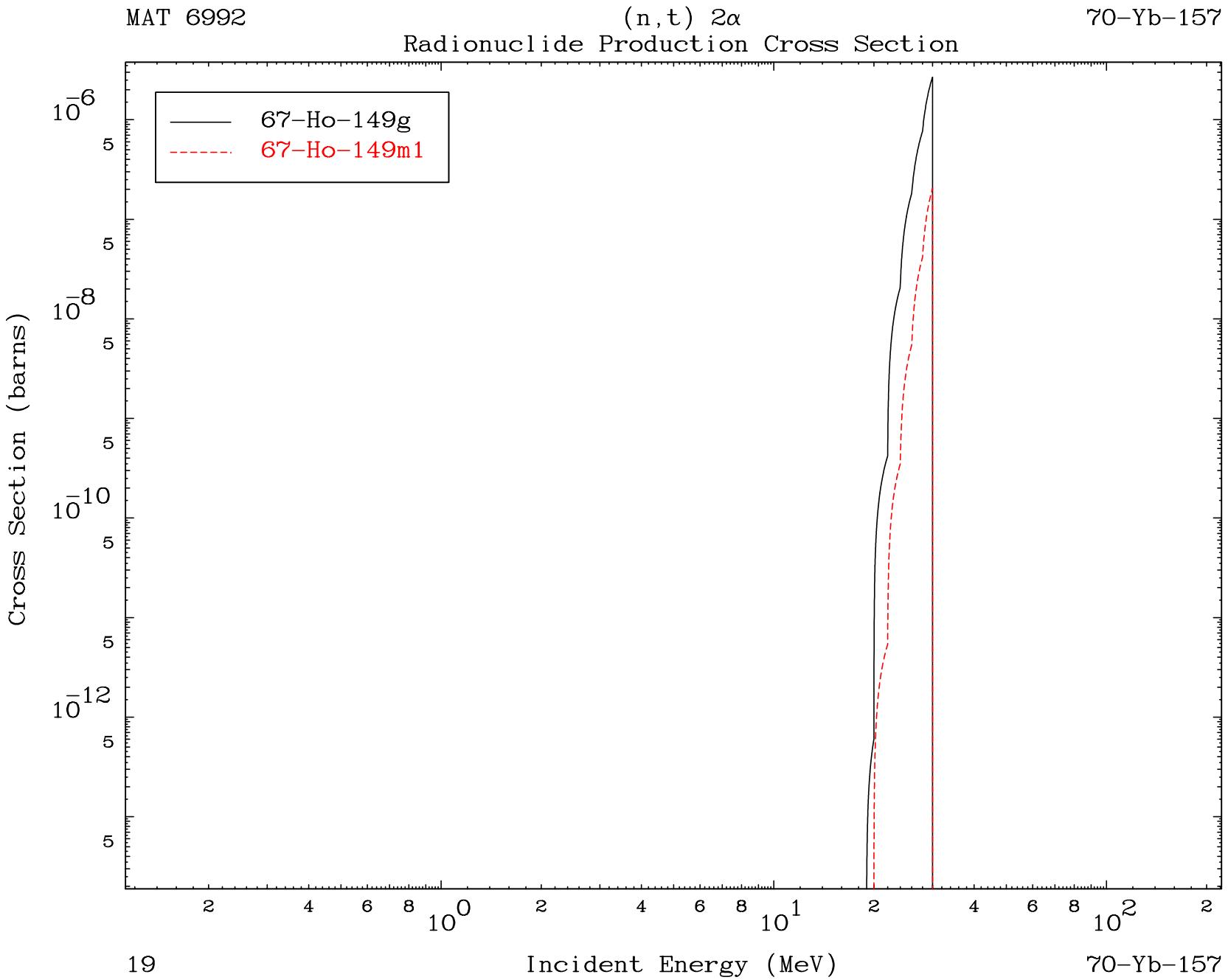

MAT 6992
(n,n') d
70-Yb-157
Radionuclide Production Cross Section
71-Lu-157g
71-Lu-157m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
70-Yb-157

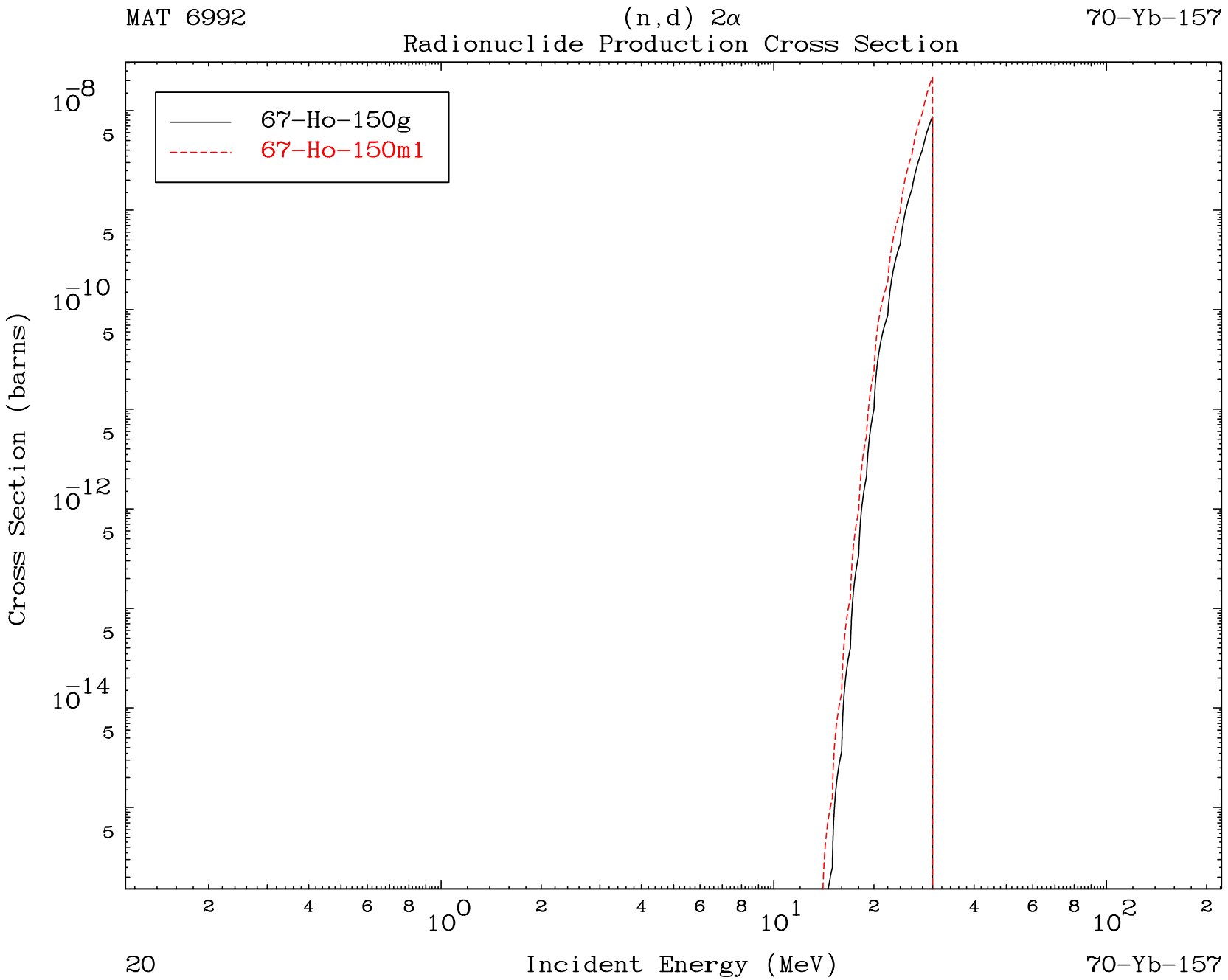

MAT 6992
(n,2n) p
70-Yb-157
Radionuclide Production Cross Section
71-Lu-157g
71-Lu-157m1
Cross Section (barns)
Incident Energy (MeV)
15
70-Yb-157

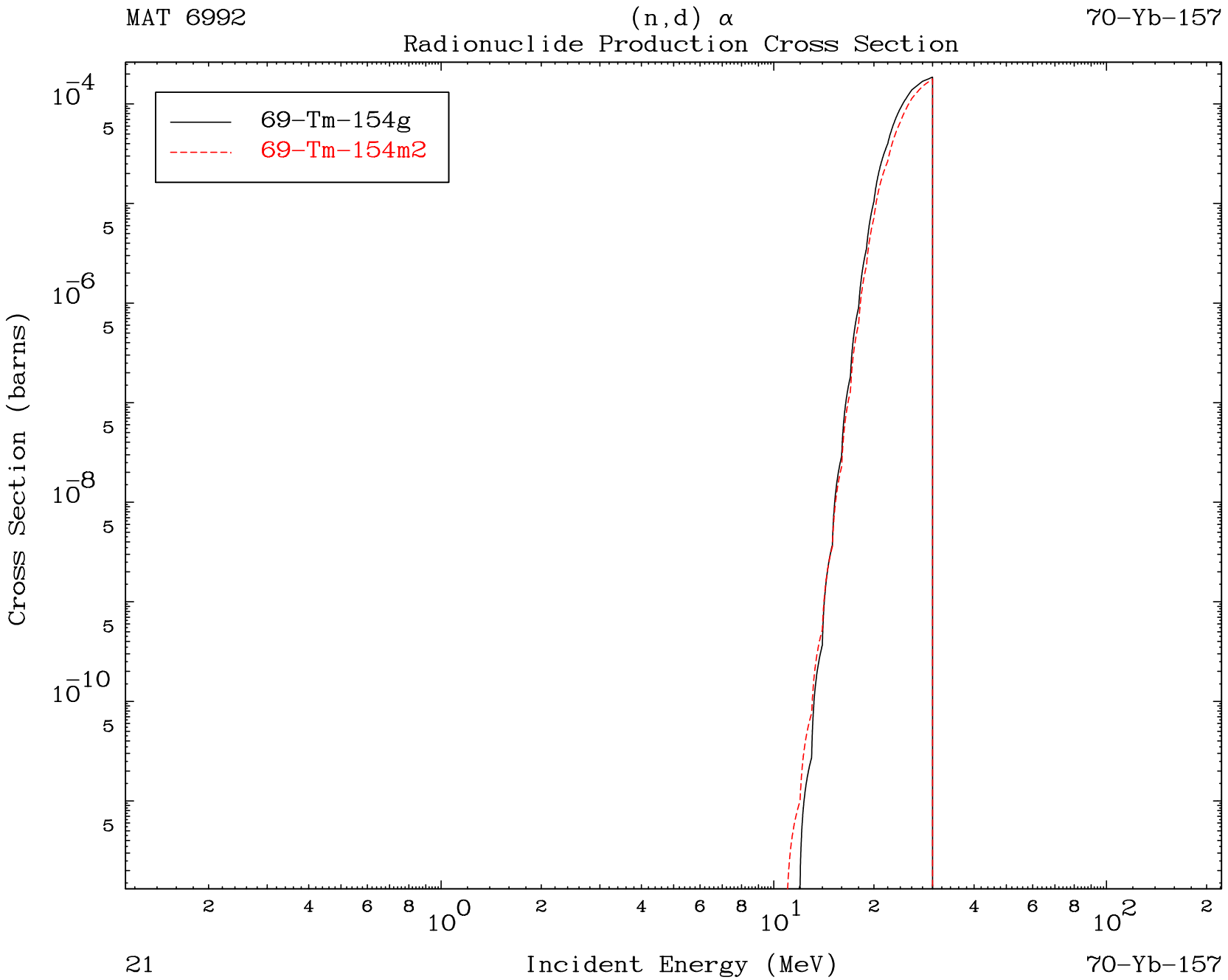

MAT 6992
(n,n') p α
70-Yb-157
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
16
70-Yb-157


MAT 6992
(n,t)
70-Yb-157
Radionuclide Production Cross Section
71-Lu-157g
71-Lu-157m1
Cross Section (barns)
Incident Energy (MeV)
17
70-Yb-157


MAT 6992
(n,p) α
70-Yb-157
Radionuclide Production Cross Section
69-Tm-155g
69-Tm-155m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
18
70-Yb-157


MAT 6992
(n,t) 2α
70-Yb-157
Radionuclide Production Cross Section
67-Ho-149g
67-Ho-149m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^0
10^1
10^2
2
4
6
8
Incident Energy (MeV)
19
70-Yb-157


MAT 6992
(n,d) 2α
70-Yb-157
Radionuclide Production Cross Section
67-Ho-150g
67-Ho-150m1
Cross Section (barns)
Incident Energy (MeV)
20
70-Yb-157


MAT 6992
(n,d) α
70-Yb-157
Radionuclide Production Cross Section
69-Tm-154g
69-Tm-154m2
Cross Section (barns)
Incident Energy (MeV)
21
70-Yb-157