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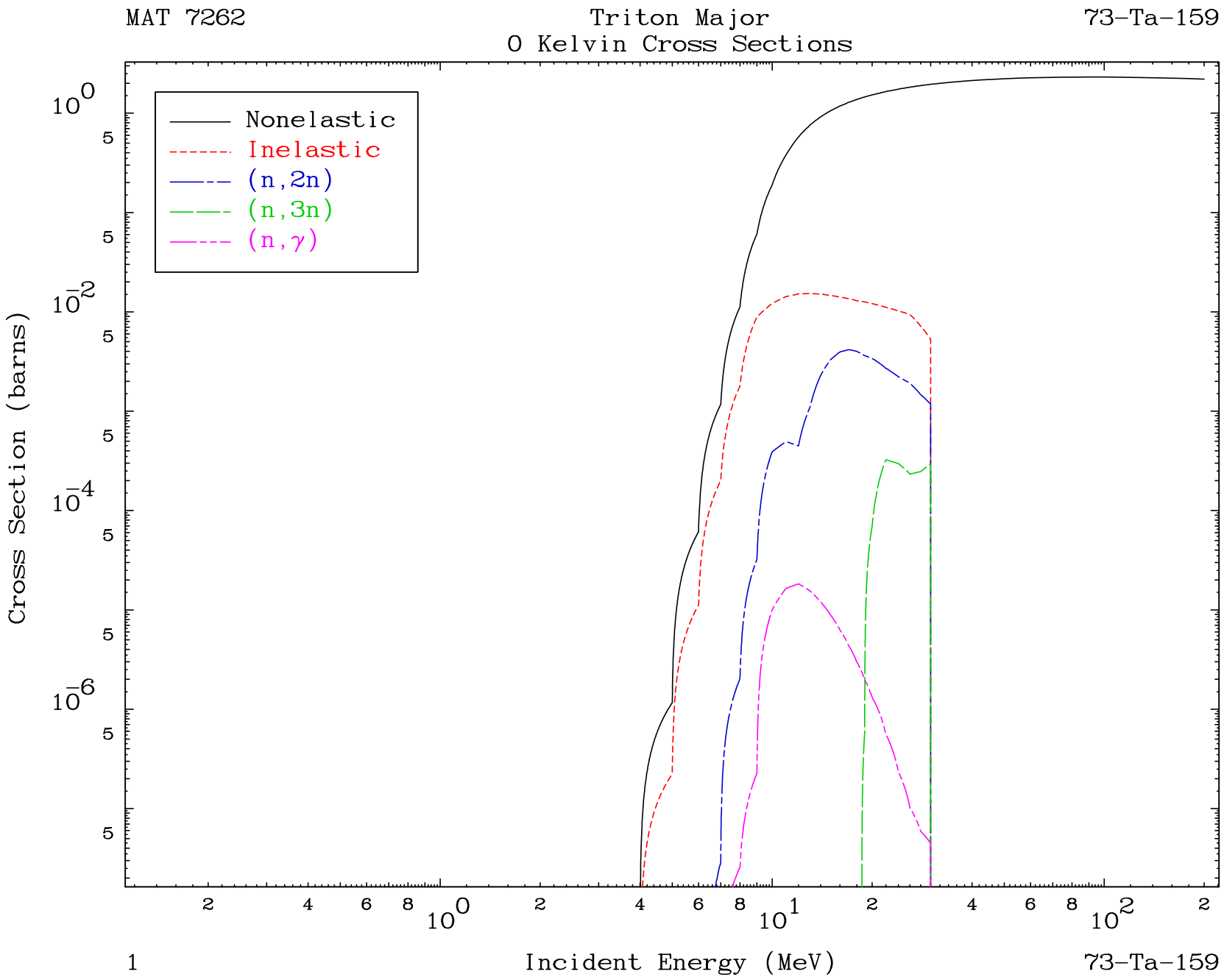
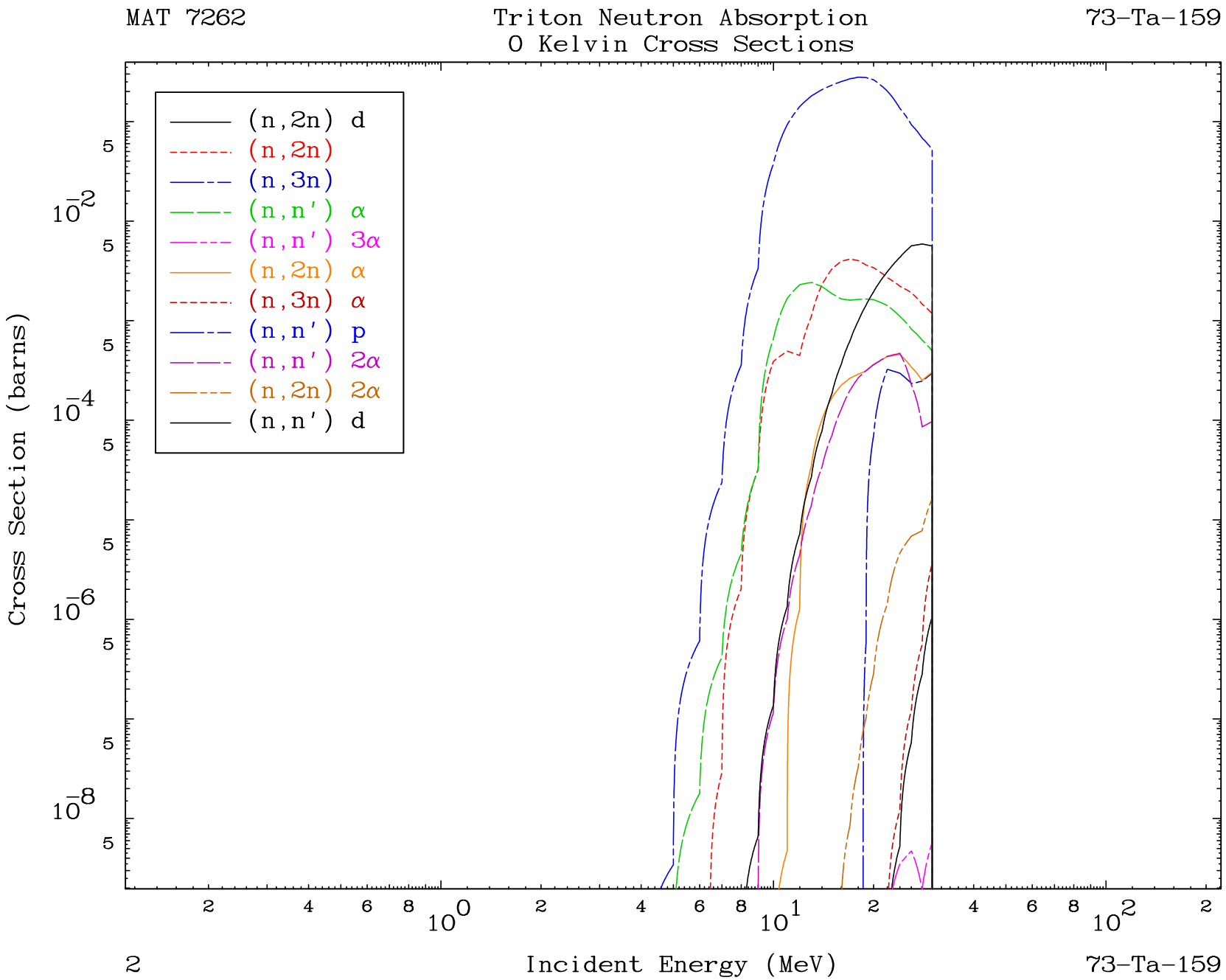
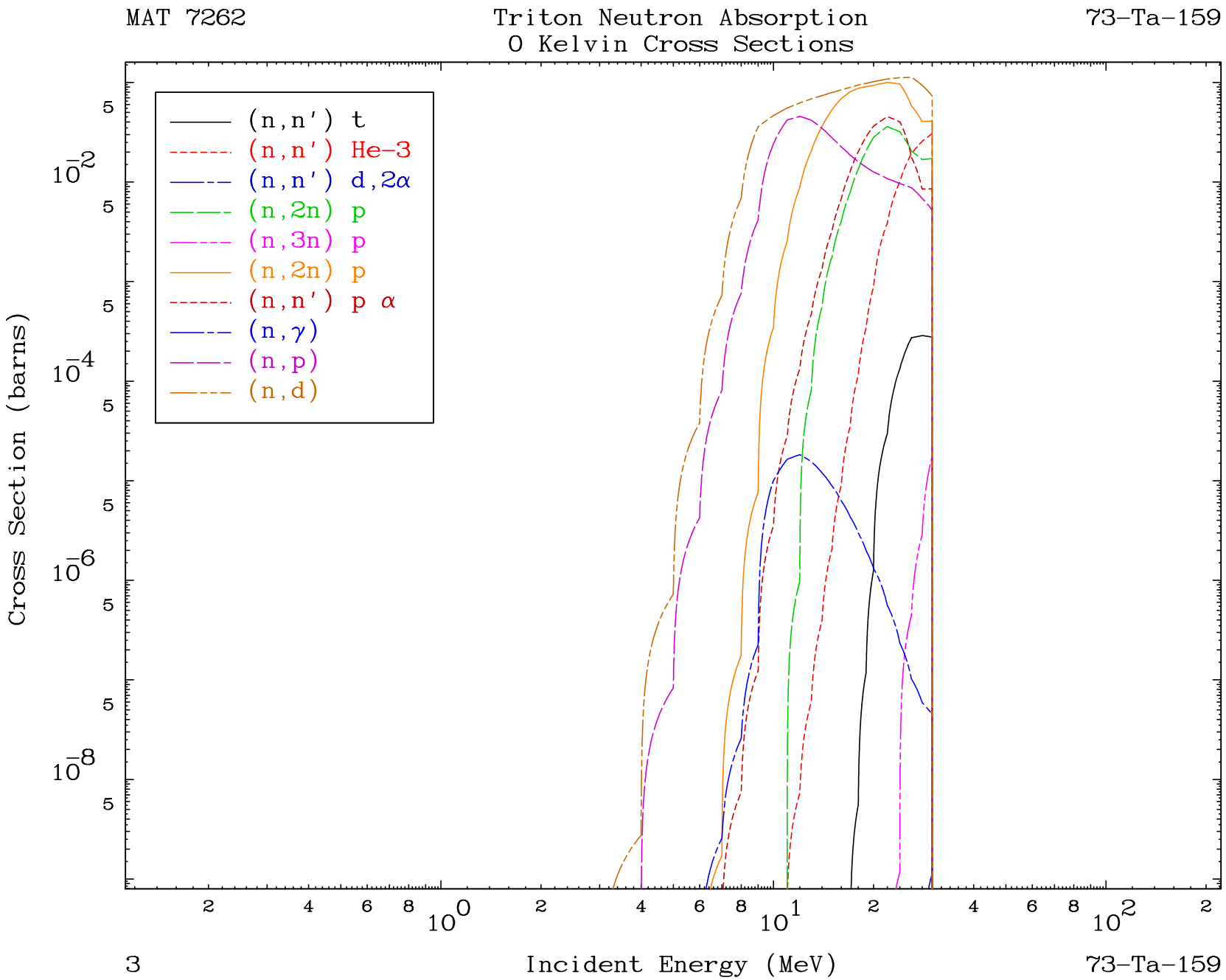
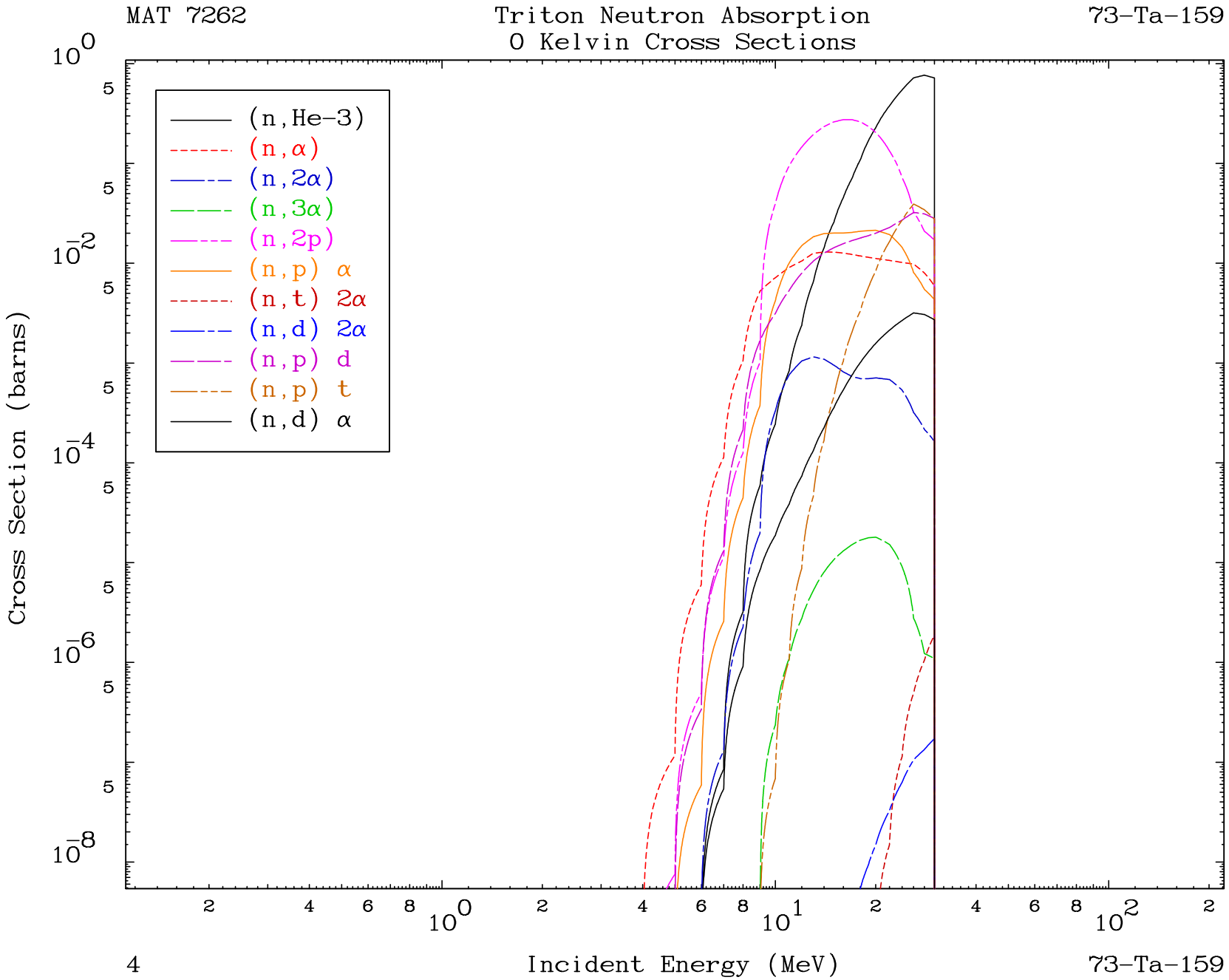
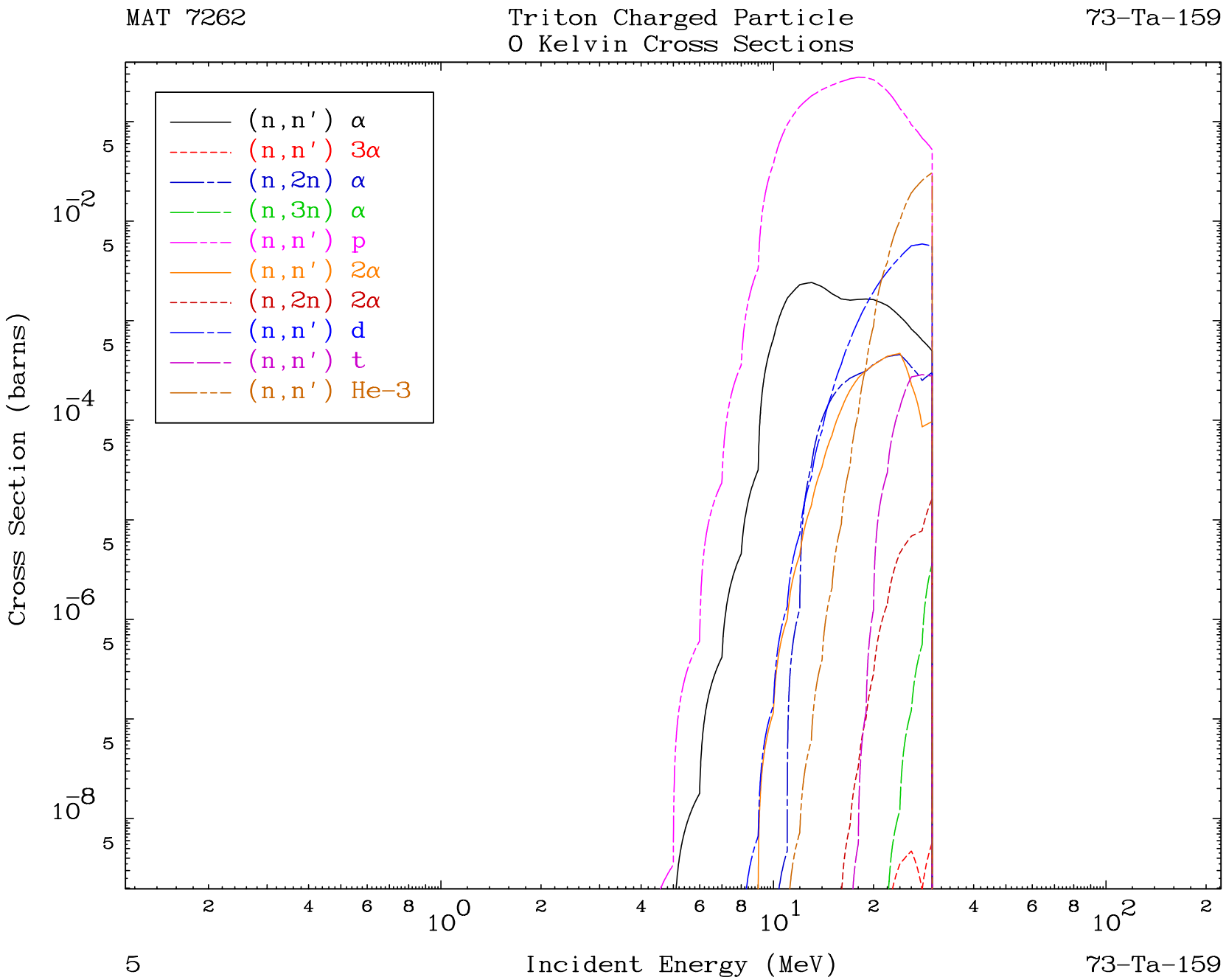
Press Mouse Button to Start

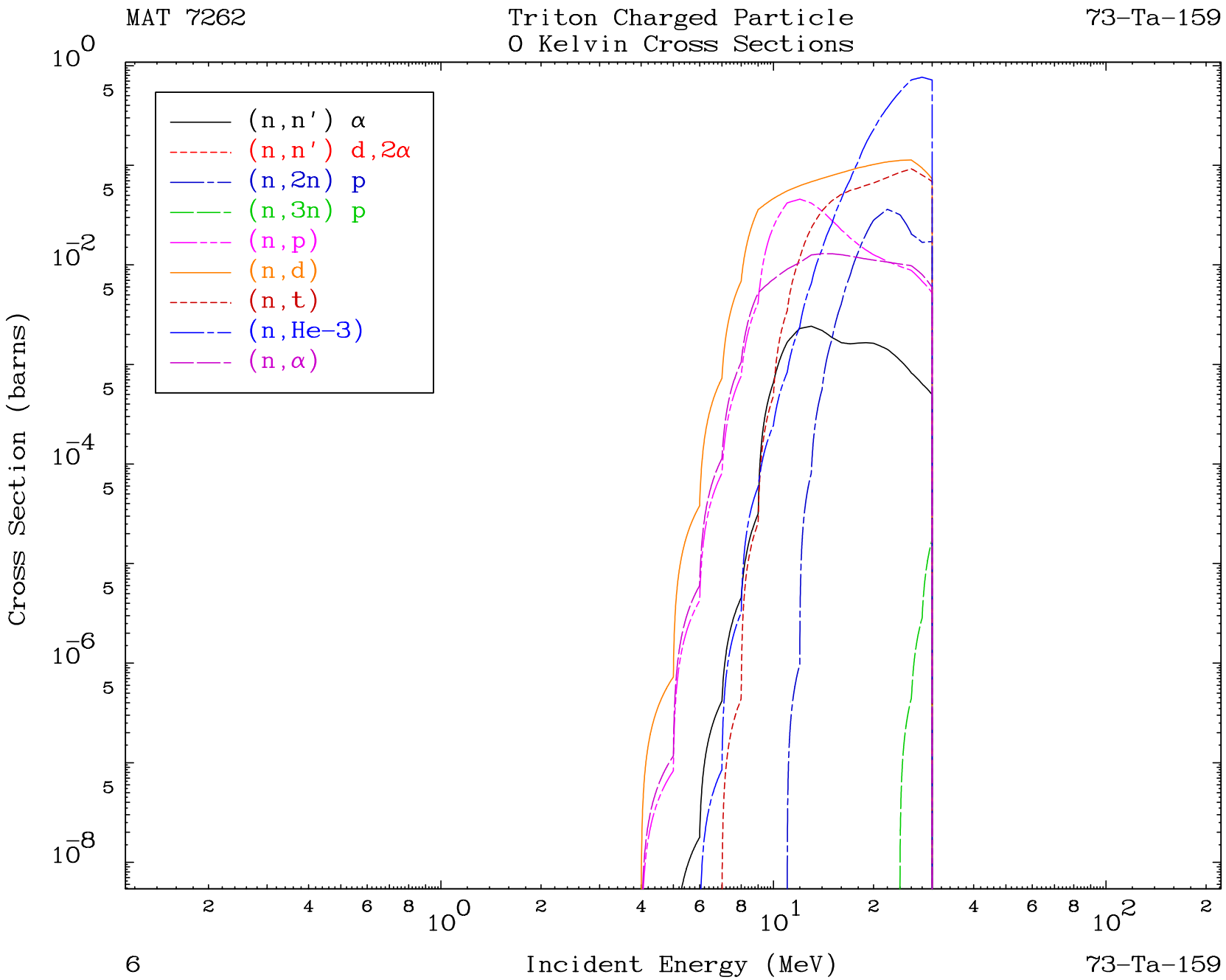

MAT 7262
Triton Major
73-Ta-159
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
73-Ta-159

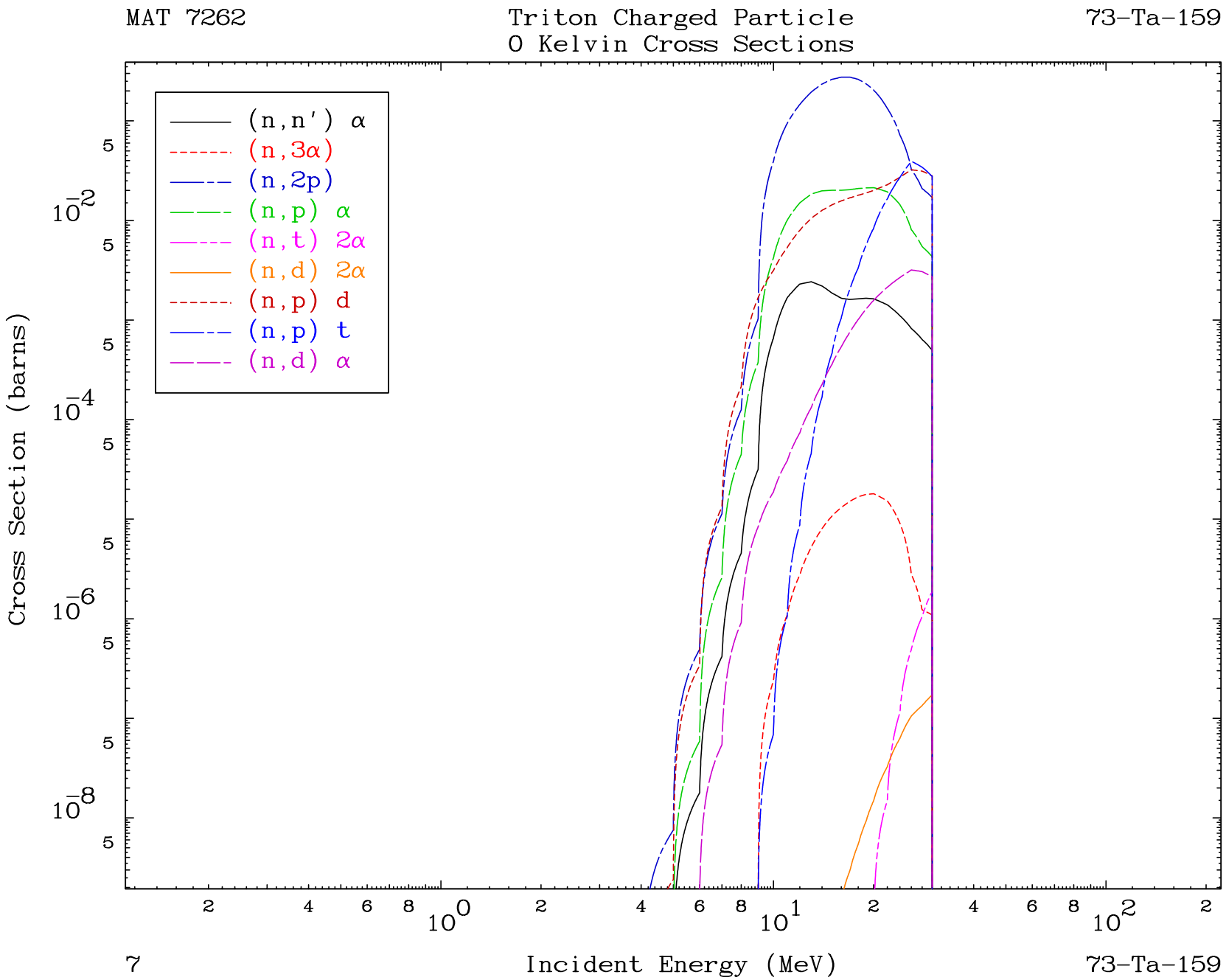

MAT 7262
Triton Neutron Absorption
0 Kelvin Cross Sections
73-Ta-159
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
73-Ta-159

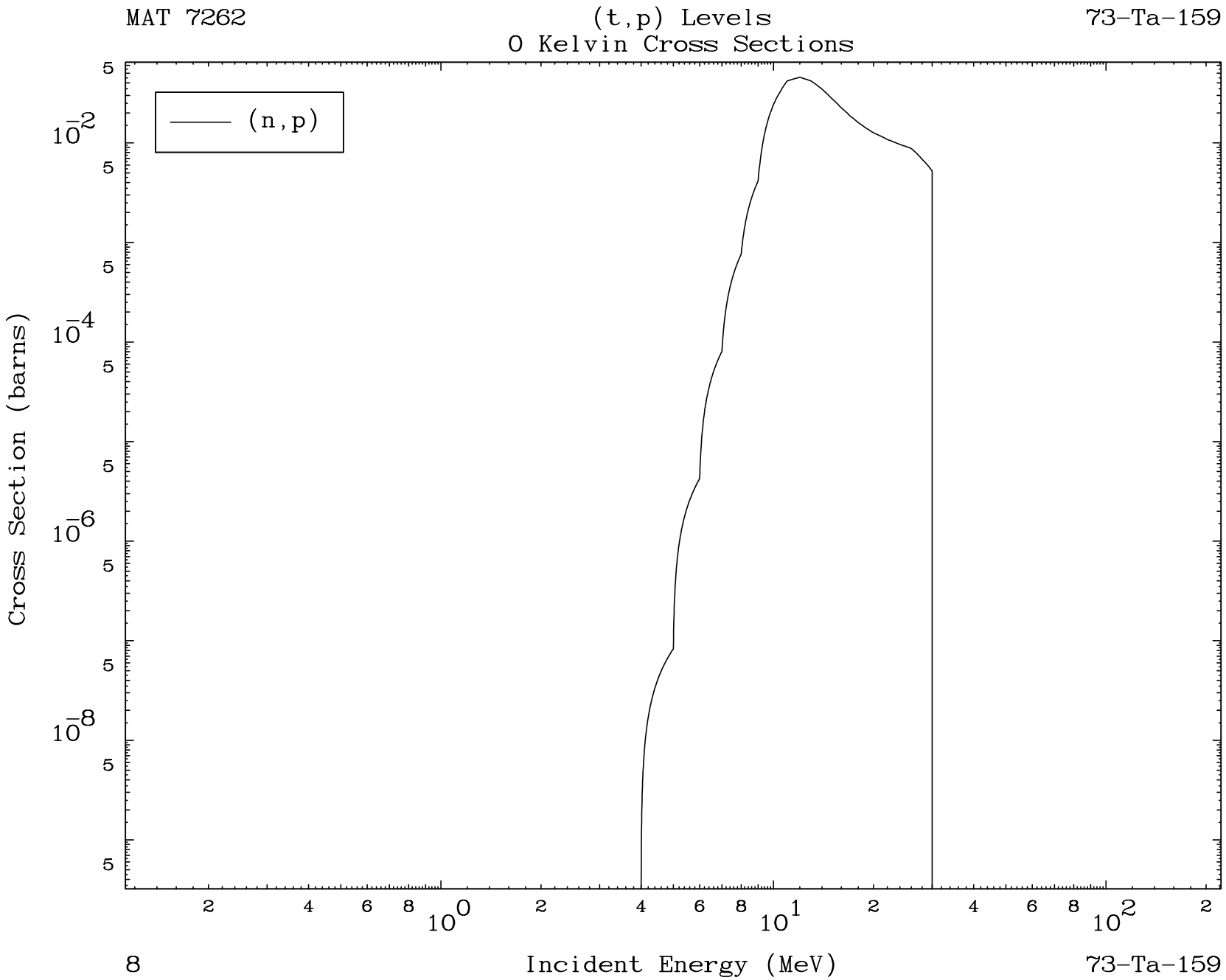

MAT 7262
Triton Neutron Absorption
0 Kelvin Cross Sections
73-Ta-159
(n,n') t
(n,n') He-3
(n,n') d,2α
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-159


MAT 7262
Triton Neutron Absorption
0 Kelvin Cross Sections
73-Ta-159
(n,He-3)
(n,α)
(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)
Incident Energy (MeV)
4
73-Ta-159

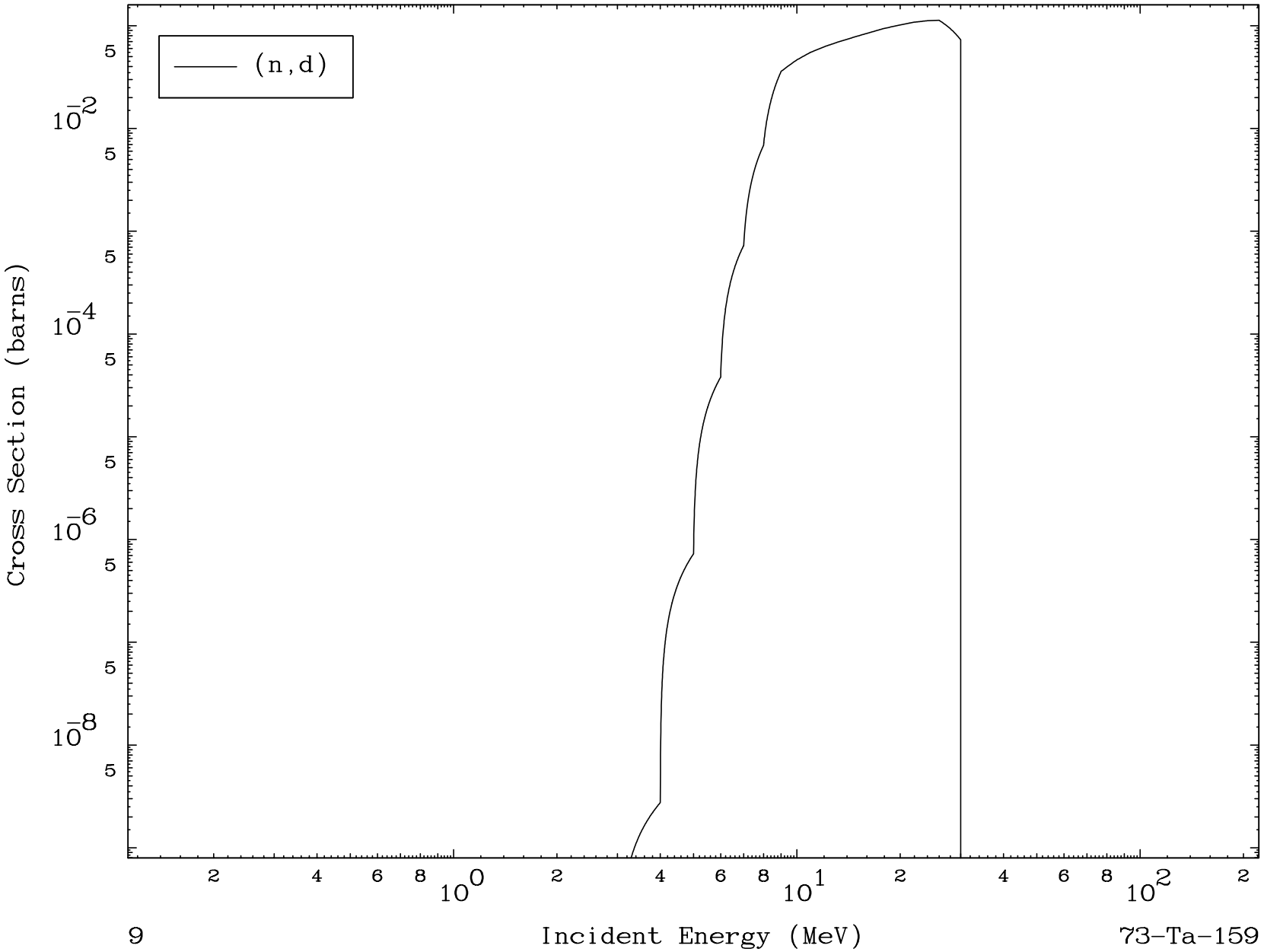

MAT 7262
Triton Charged Particle
0 Kelvin Cross Sections
73-Ta-159
(n,n') α
(n,n') 3α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
5
73-Ta-159

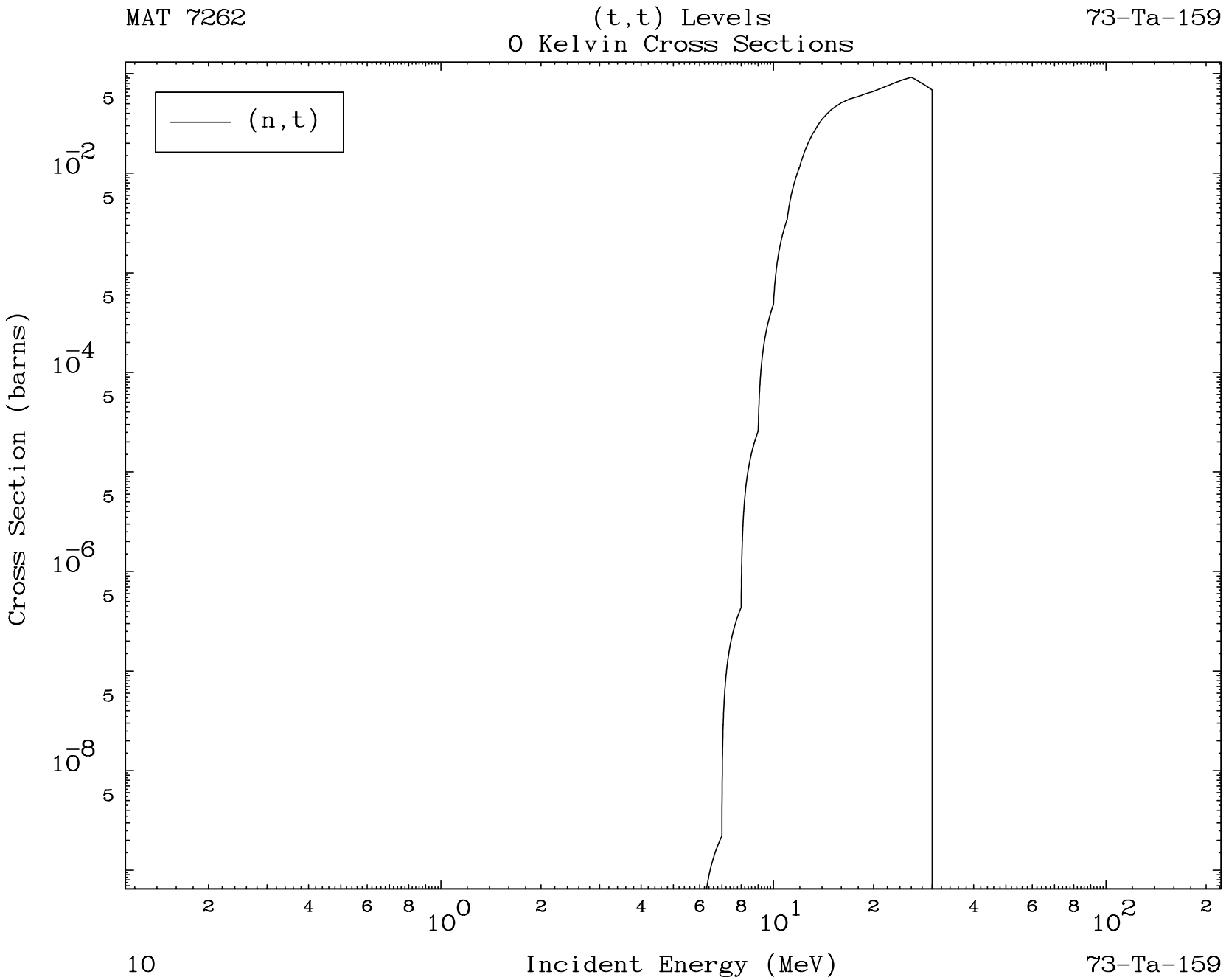

MAT 7262
Triton Charged Particle
0 Kelvin Cross Sections
73-Ta-159
(n,n') α
(n,n') d,2α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
6
73-Ta-159

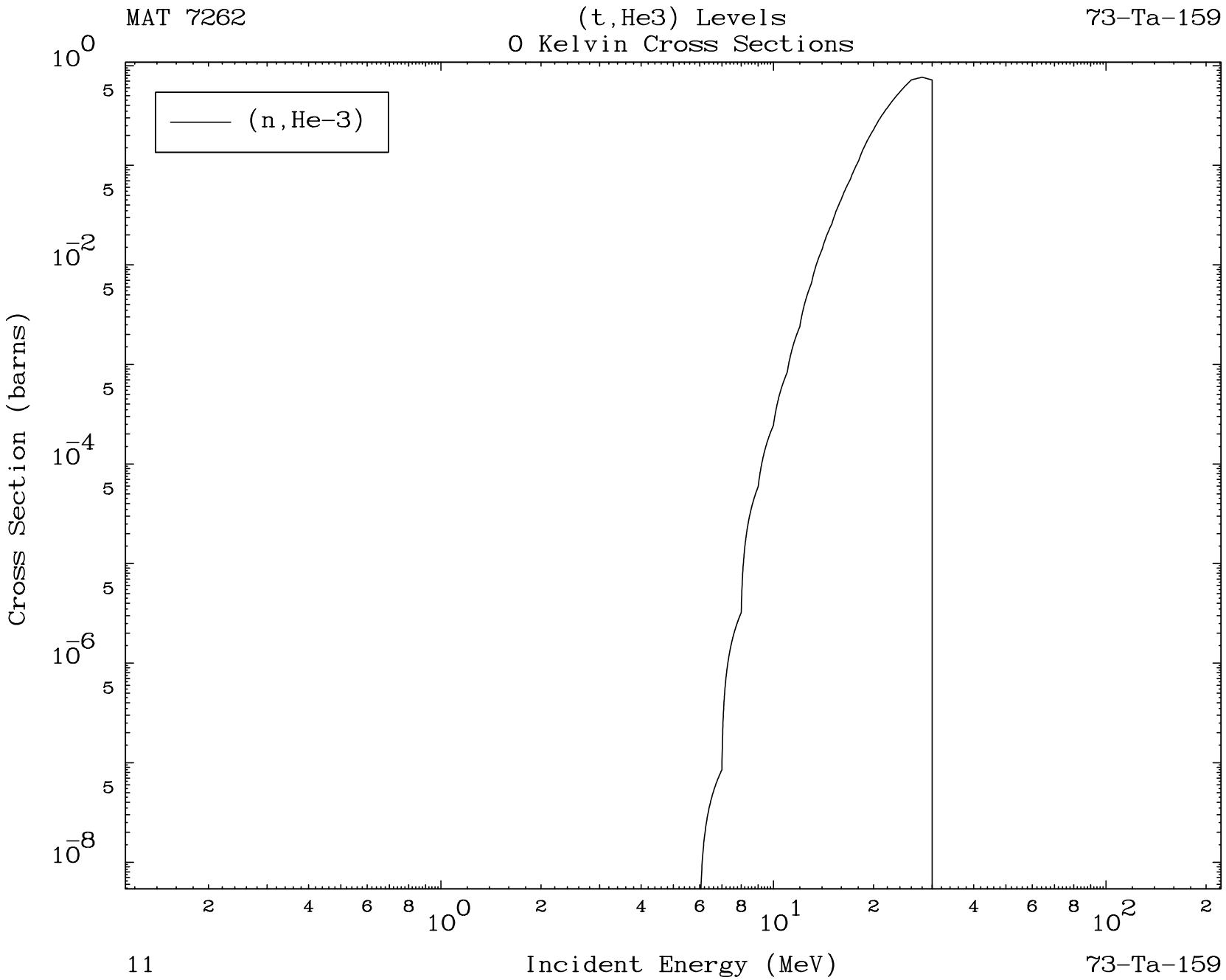

MAT 7262
Triton Charged Particle
0 Kelvin Cross Sections
73-Ta-159
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,t) 2α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
73-Ta-159

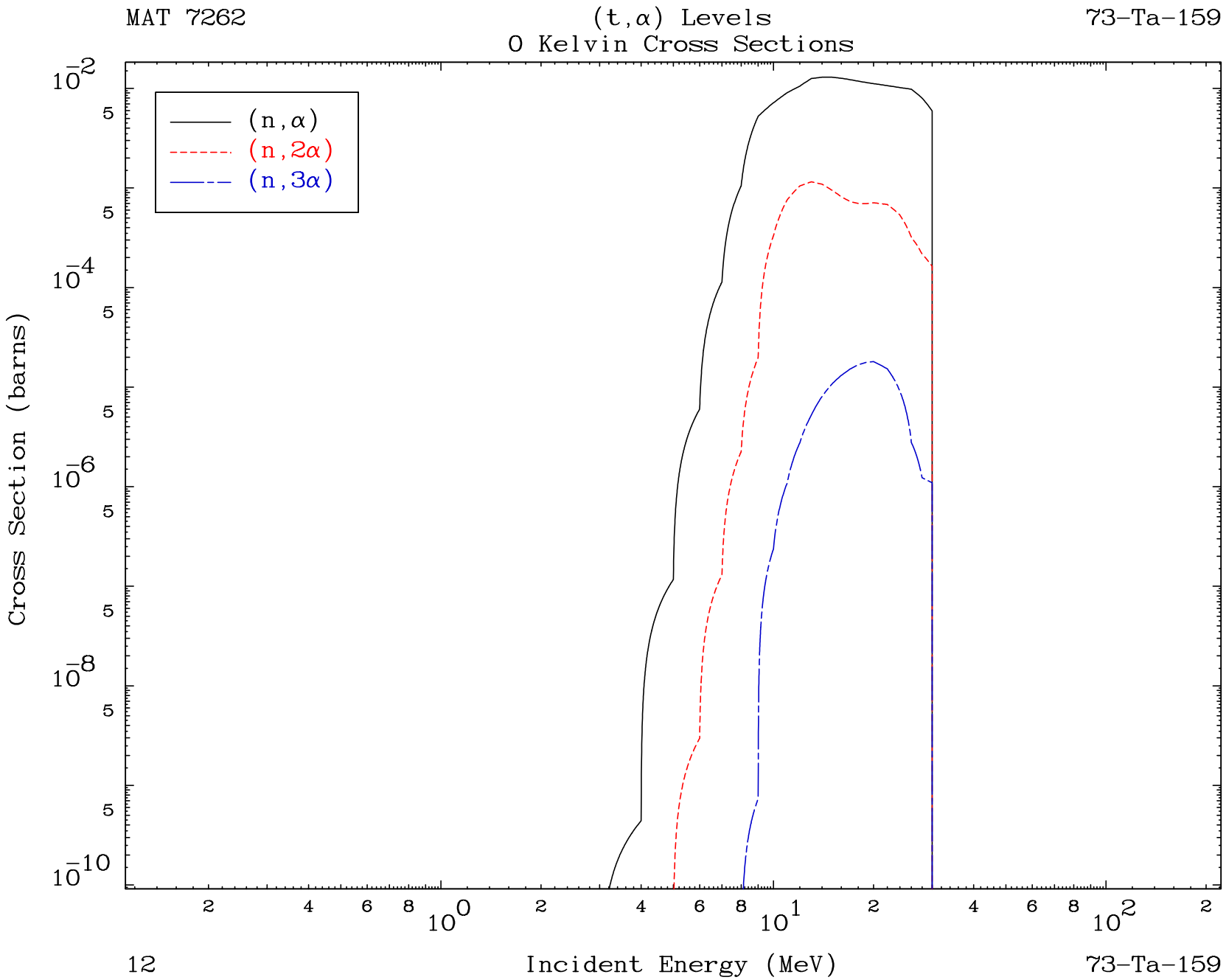

MAT 7262
(t,p) Levels
73-Ta-159
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
73-Ta-159

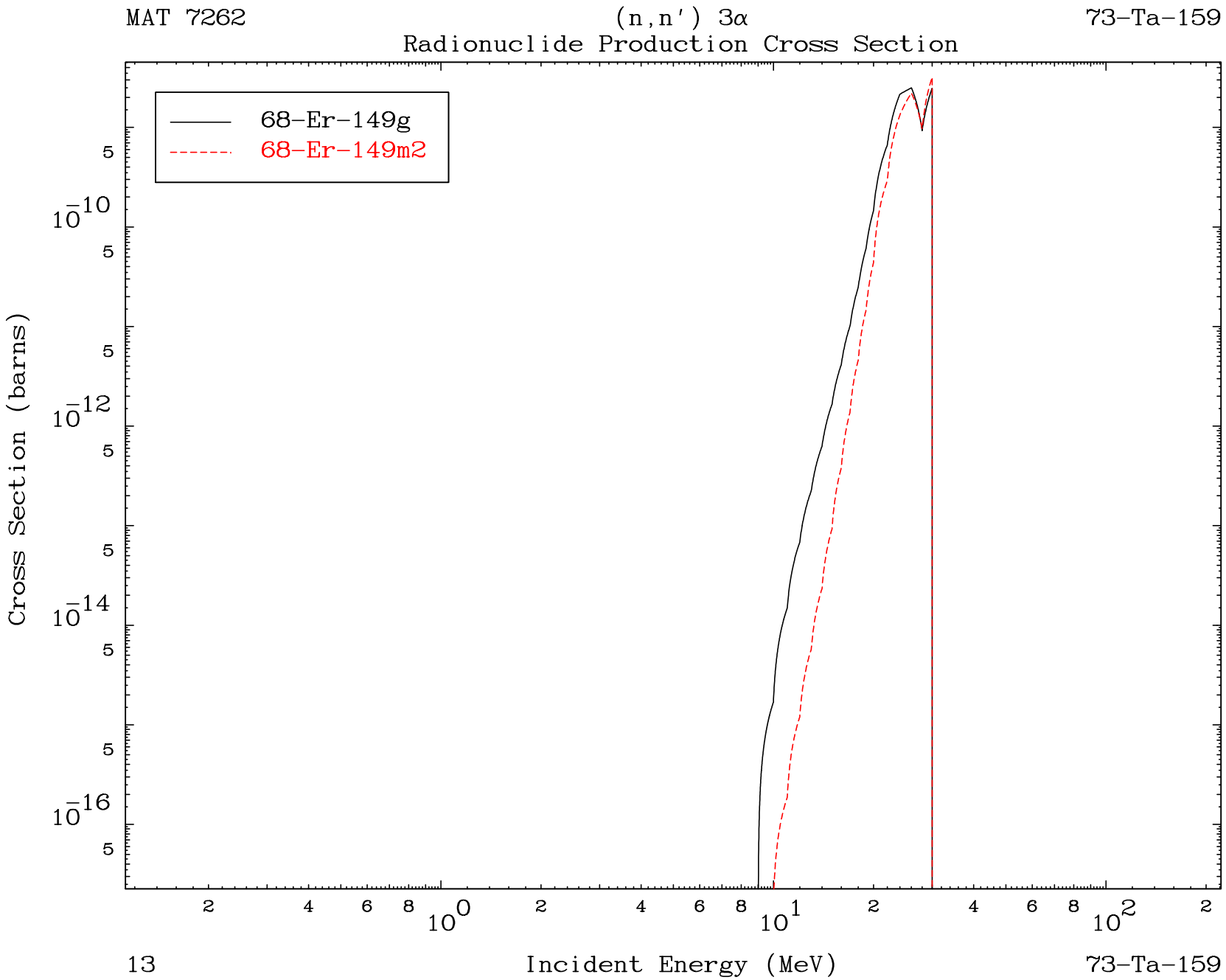
0 Kelvin Cross Sections

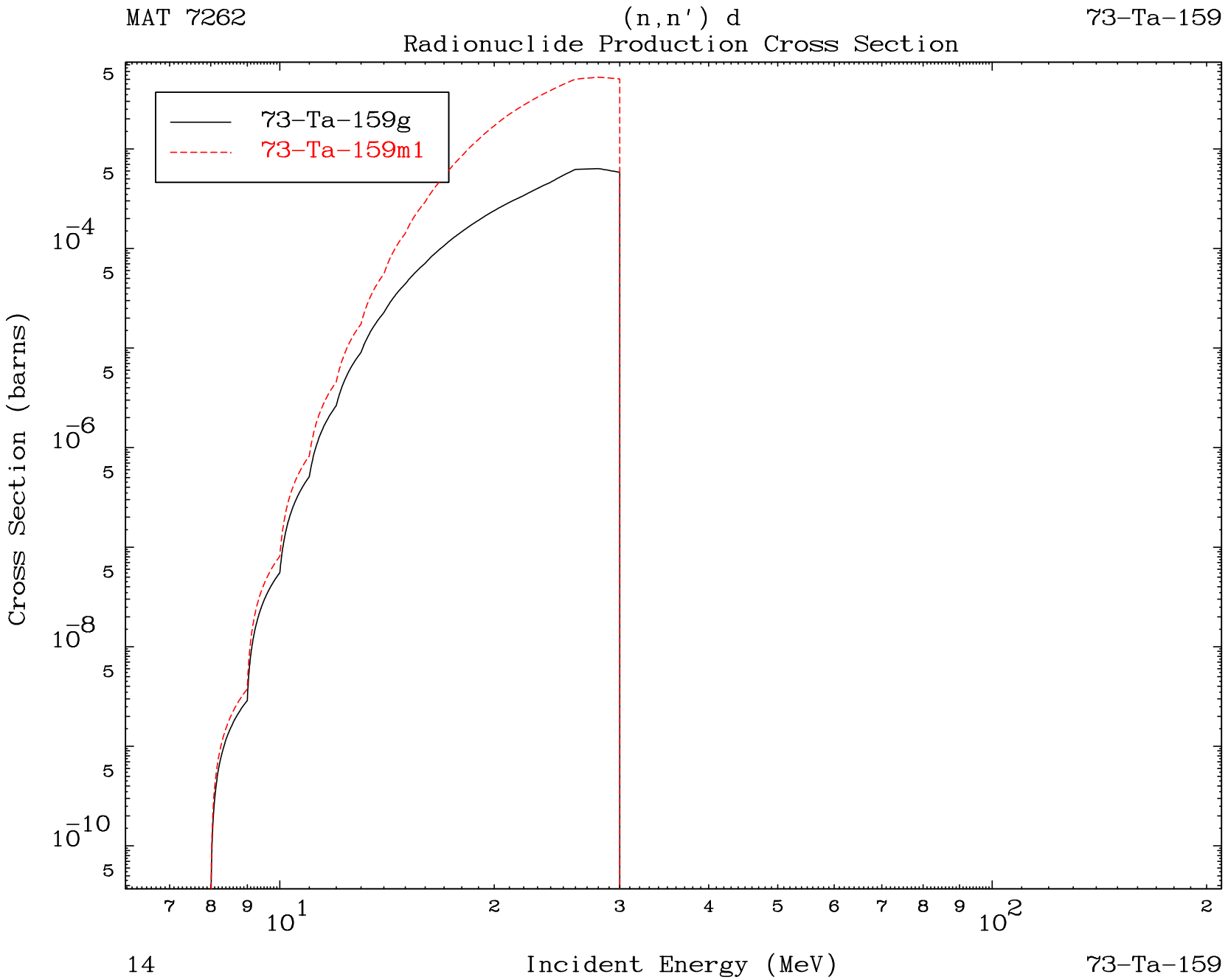


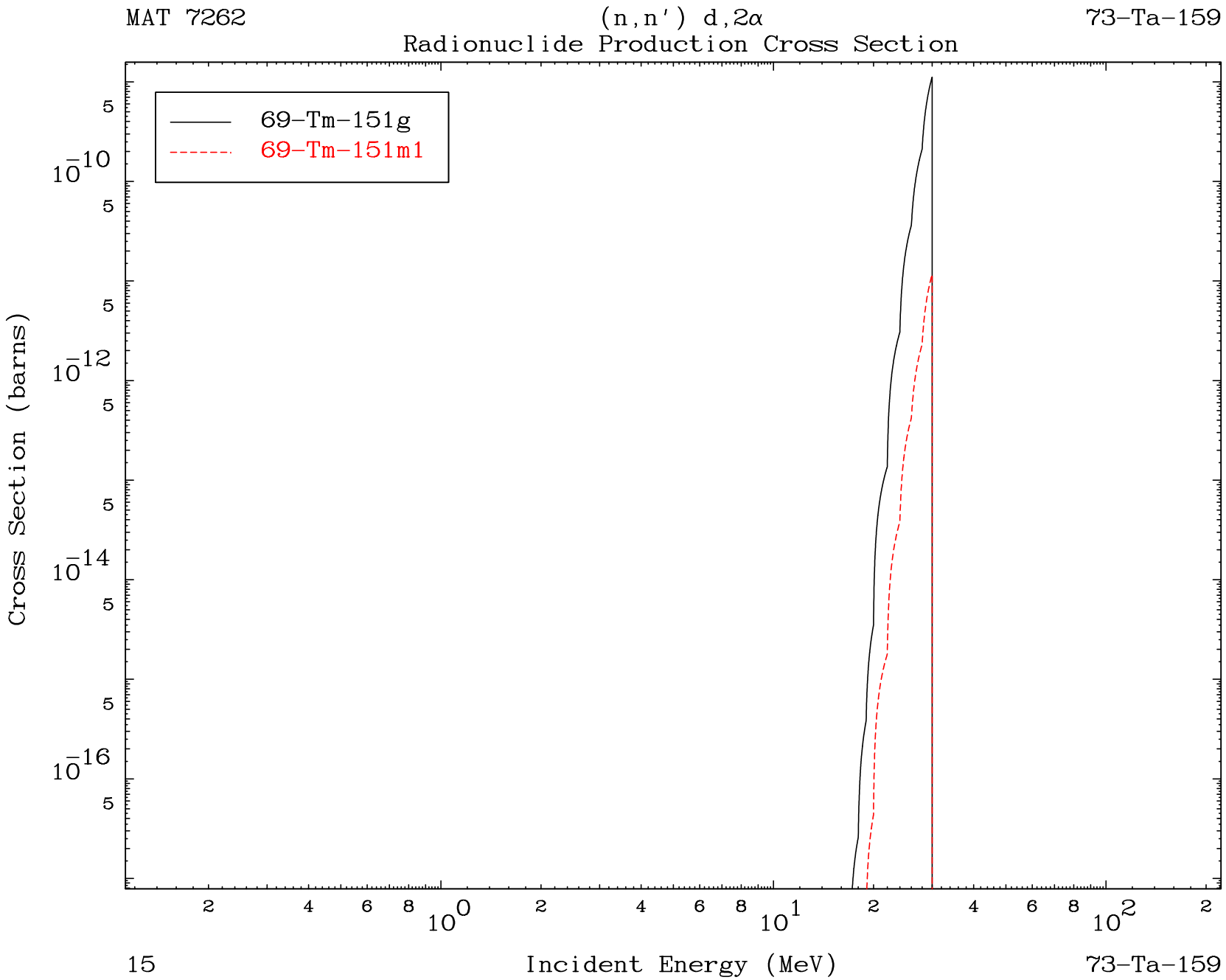

MAT 7262
(t,t) Levels
73-Ta-159
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
73-Ta-159

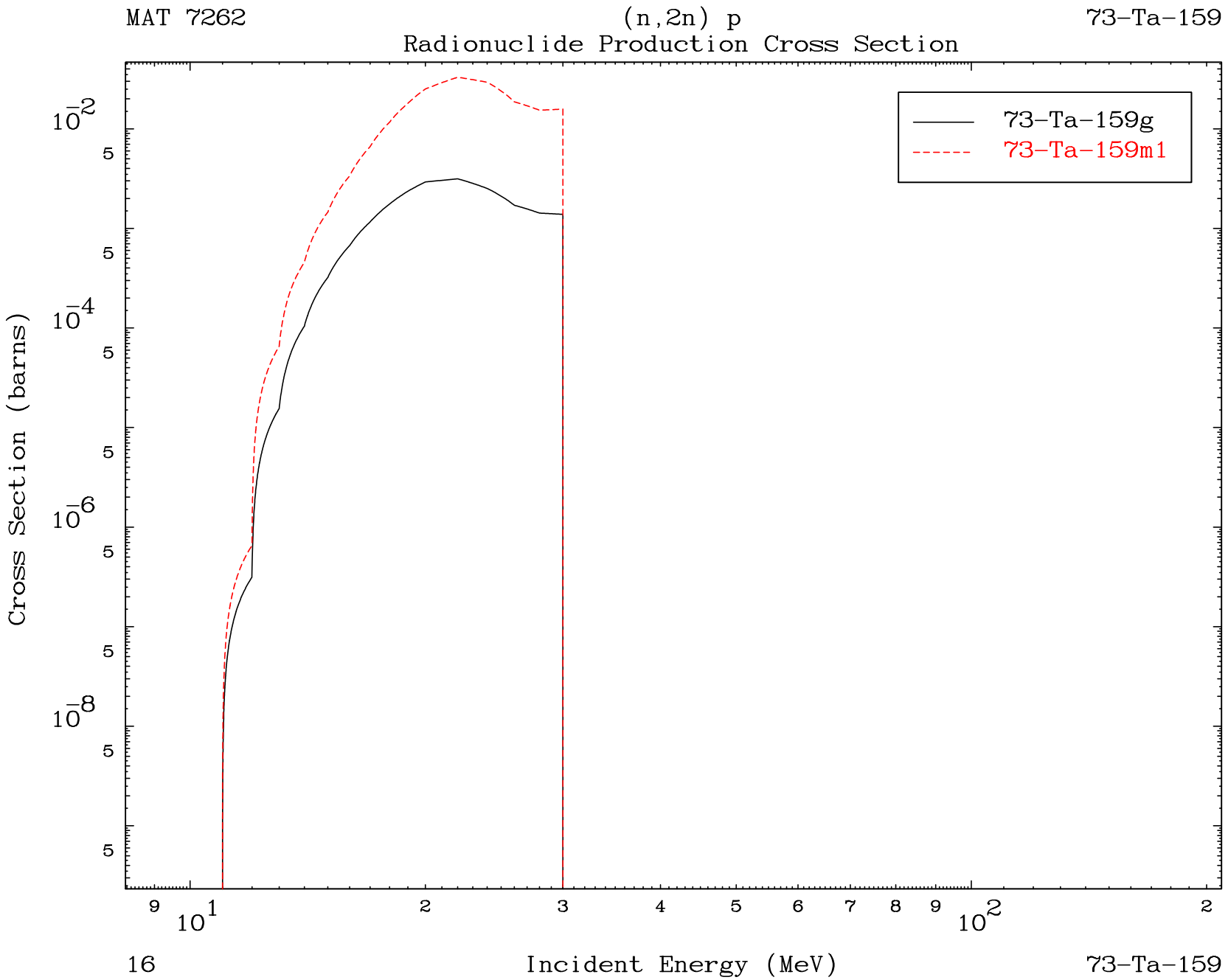

MAT 7262
(t,He3) Levels
73-Ta-159
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
73-Ta-159

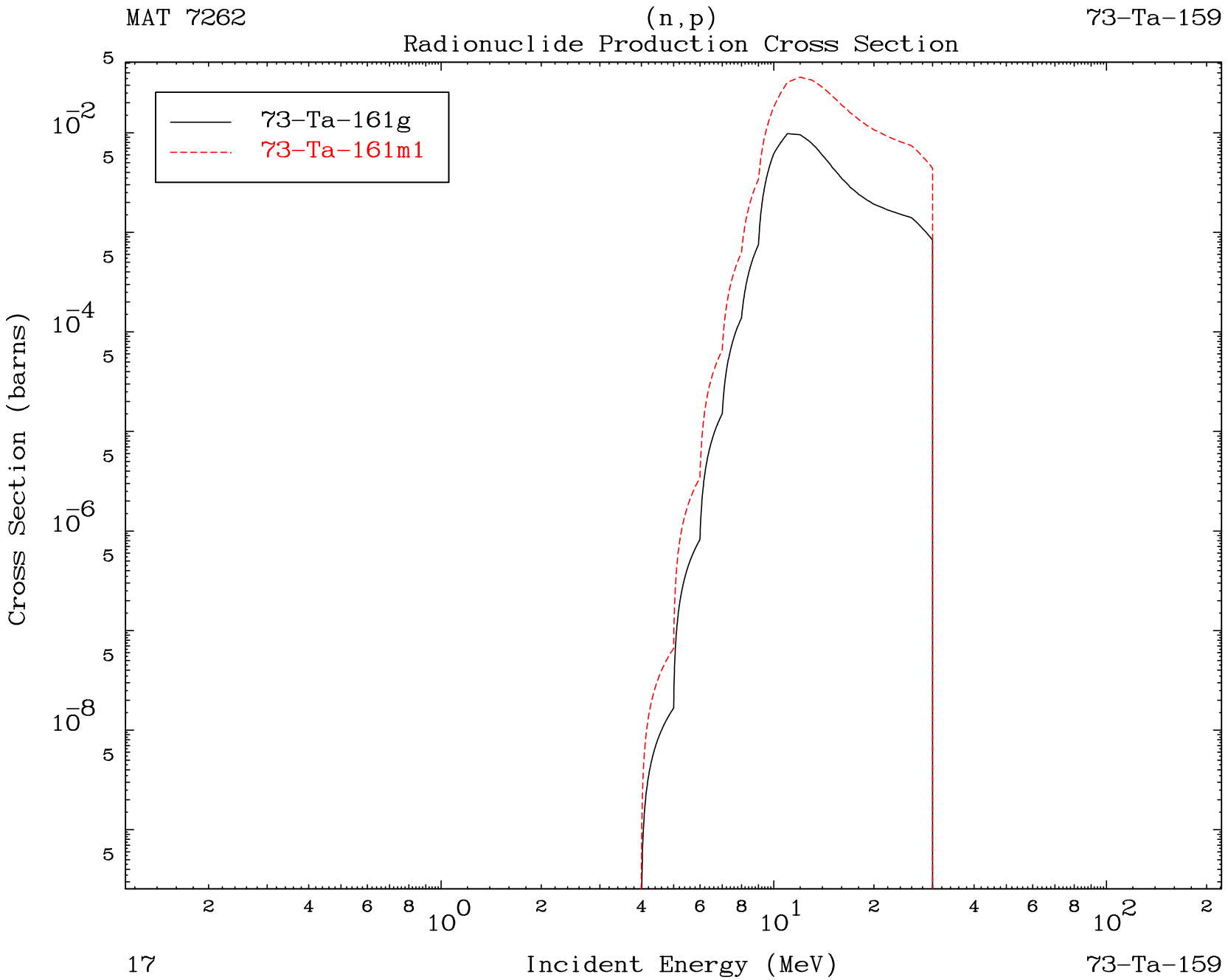

MAT 7262
(t,α) Levels
73-Ta-159
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-159

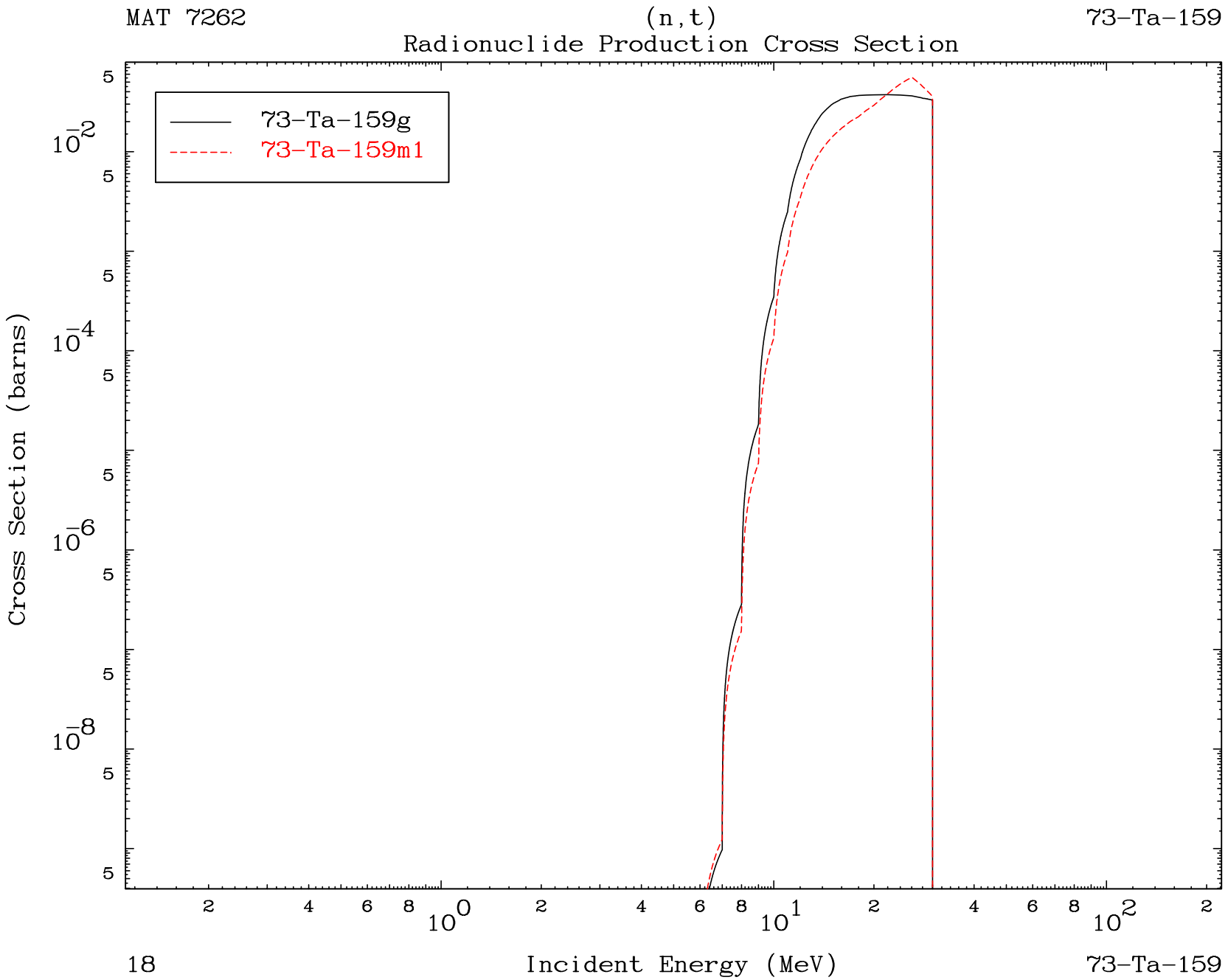

MAT 7262
(n,n') 3α
73-Ta-159
Radionuclide Production Cross Section
68-Er-149g
68-Er-149m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
10^0
10^1
10^2
Incident Energy (MeV)
13
73-Ta-159

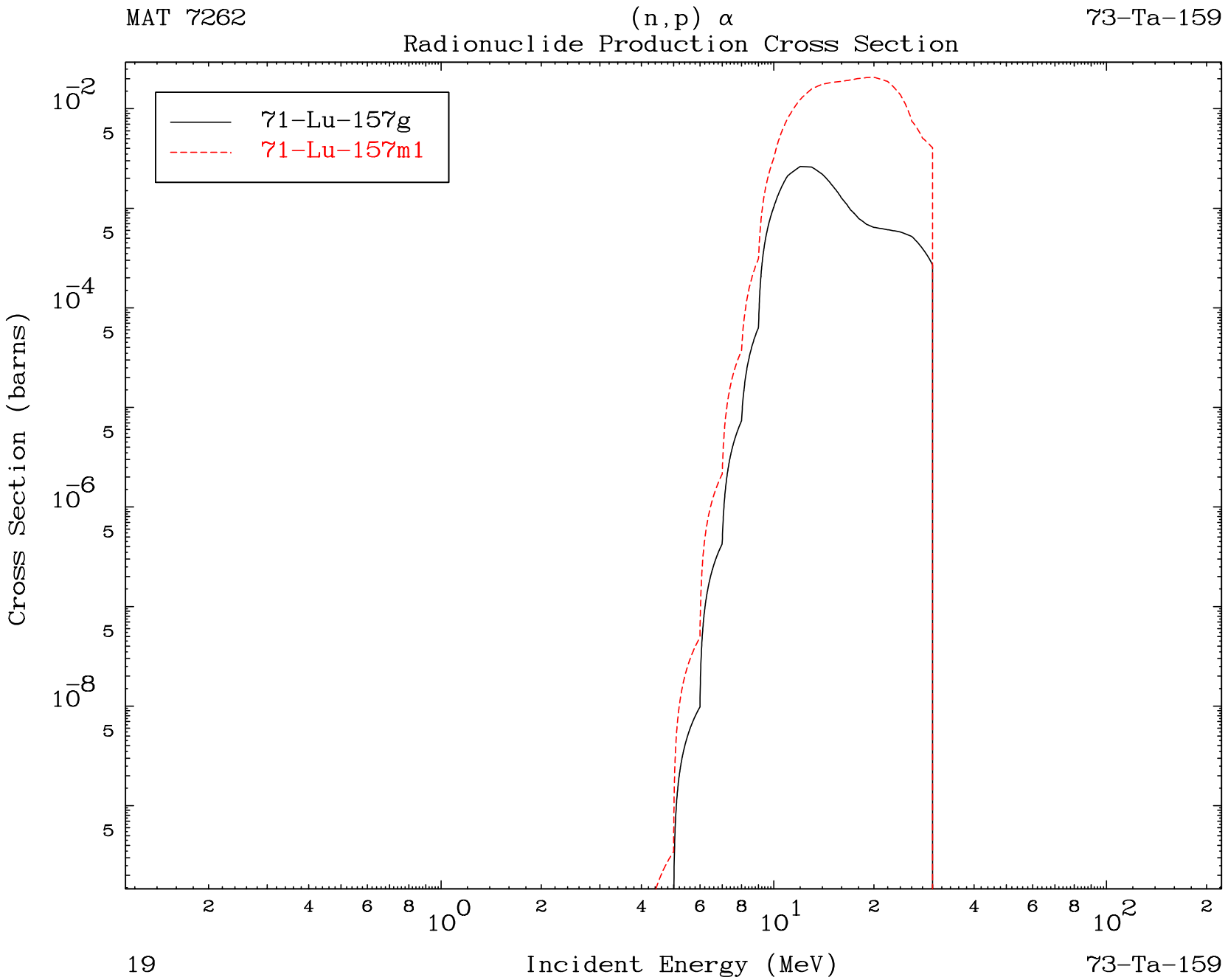

MAT 7262
(n,n') d
73-Ta-159
Radionuclide Production Cross Section
73-Ta-159g
73-Ta-159m1
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-159

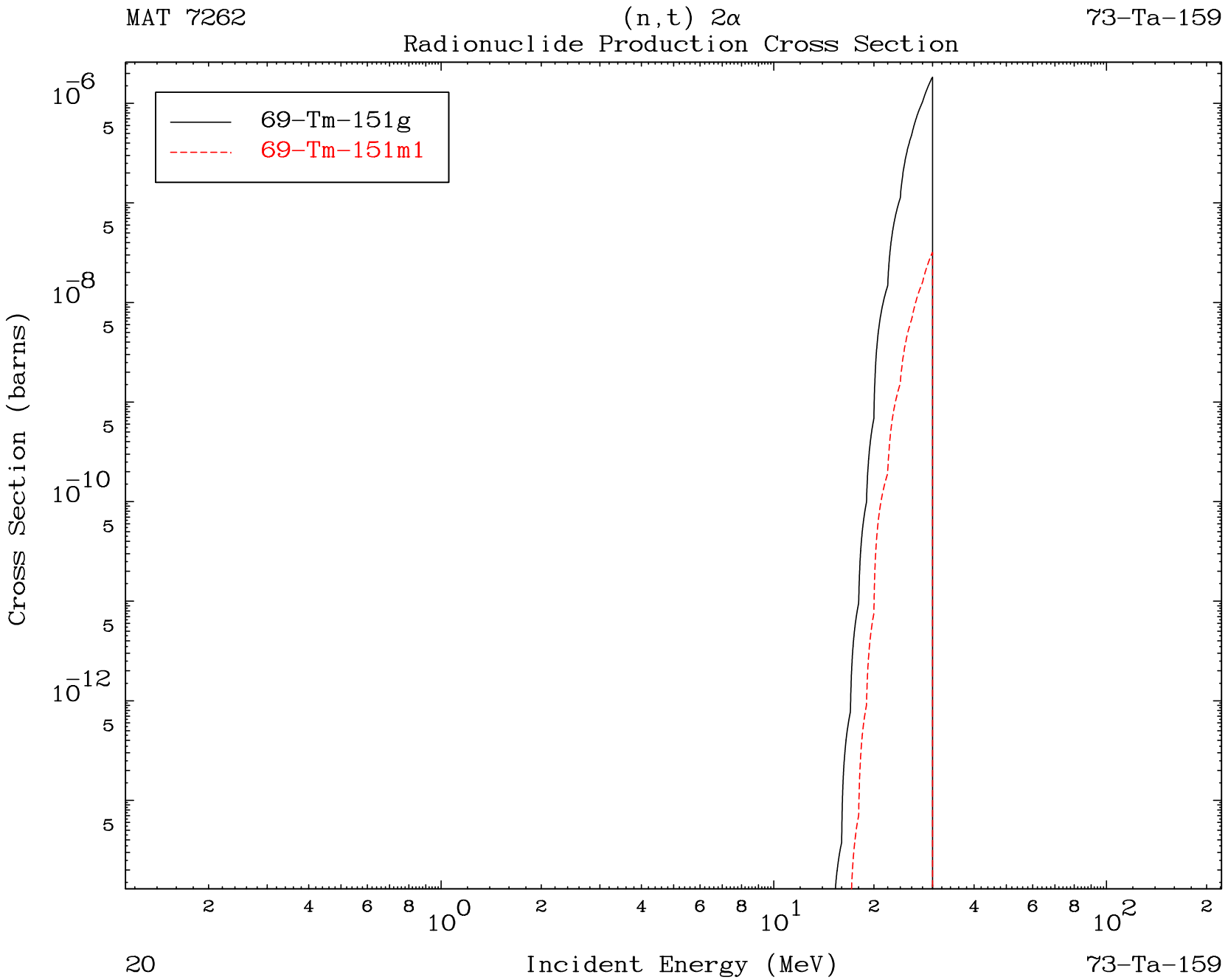

MAT 7262
(n,n') d,2α
73-Ta-159
Radionuclide Production Cross Section
69-Tm-151g
69-Tm-151m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
10^0
10^1
10^2
Incident Energy (MeV)
15
73-Ta-159

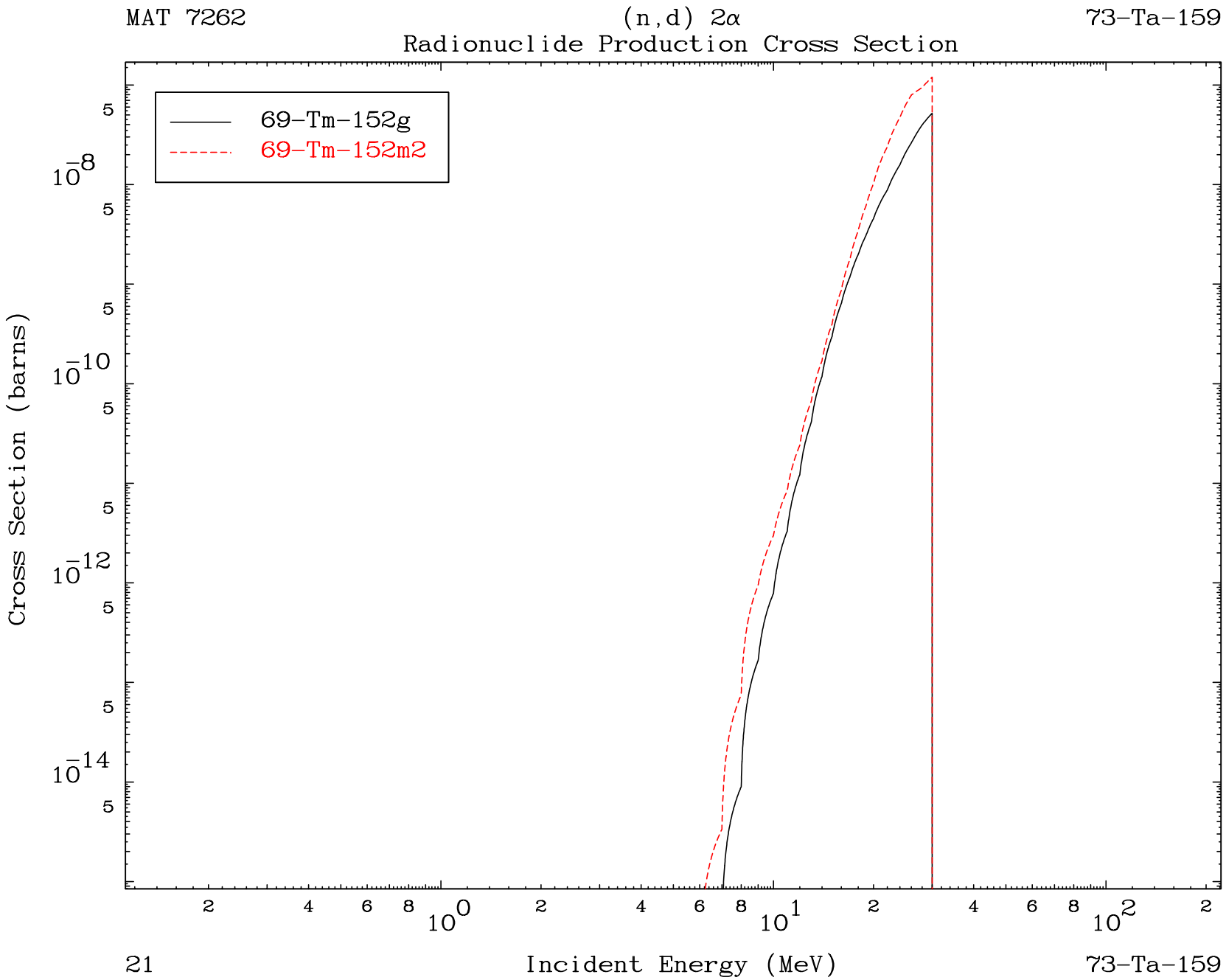

MAT 7262
(n,2n) p
73-Ta-159
Radionuclide Production Cross Section
73-Ta-159g
73-Ta-159m1
Cross Section (barns)
Incident Energy (MeV)
16
73-Ta-159


MAT 7262
(n,p)
73-Ta-159
Radionuclide Production Cross Section
73-Ta-161g
73-Ta-161m1
Cross Section (barns)
Incident Energy (MeV)
17
73-Ta-159


MAT 7262
(n,t)
73-Ta-159
Radionuclide Production Cross Section
73-Ta-159g
73-Ta-159m1
Cross Section (barns)
Incident Energy (MeV)
18
73-Ta-159


MAT 7262
(n,p) α
73-Ta-159
Radionuclide Production Cross Section
71-Lu-157g
71-Lu-157m1
Cross Section (barns)
Incident Energy (MeV)
19
73-Ta-159


MAT 7262
(n,t) 2α
73-Ta-159
Radionuclide Production Cross Section
69-Tm-151g
69-Tm-151m1
Cross Section (barns)
Incident Energy (MeV)
20
73-Ta-159


MAT 7262
(n,d) 2α
73-Ta-159
Radionuclide Production Cross Section
69-Tm-152g
69-Tm-152m2
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
21
73-Ta-159