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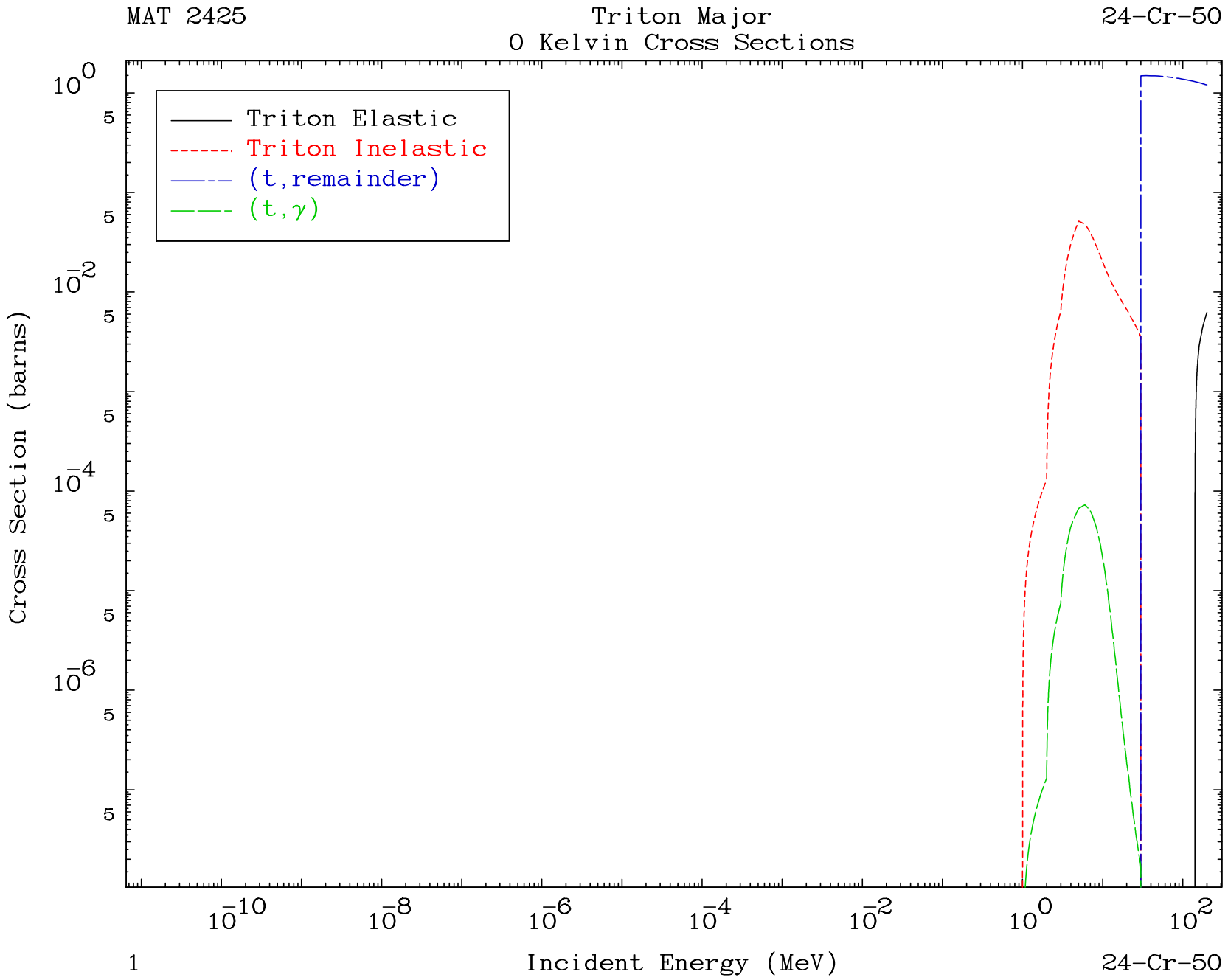
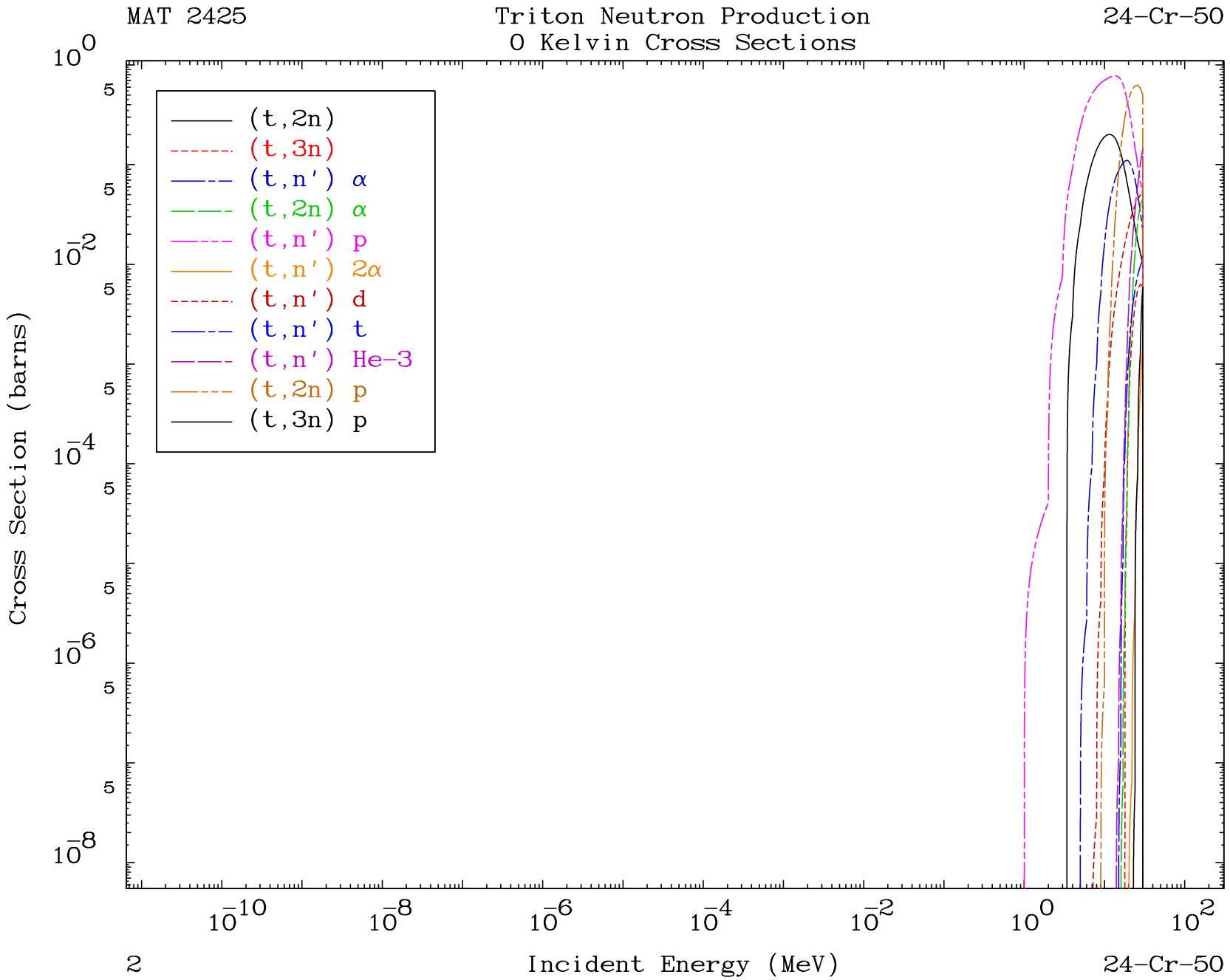
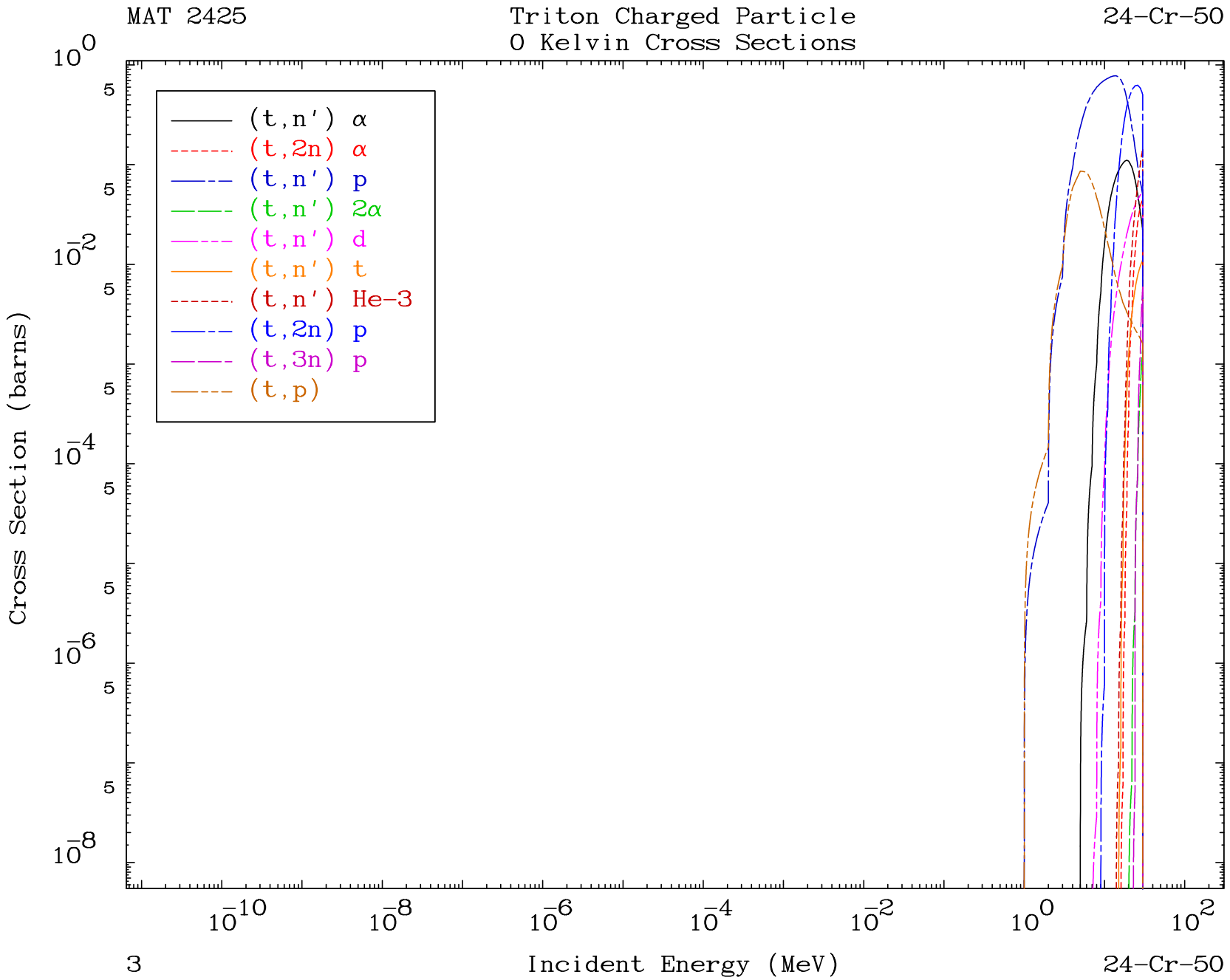
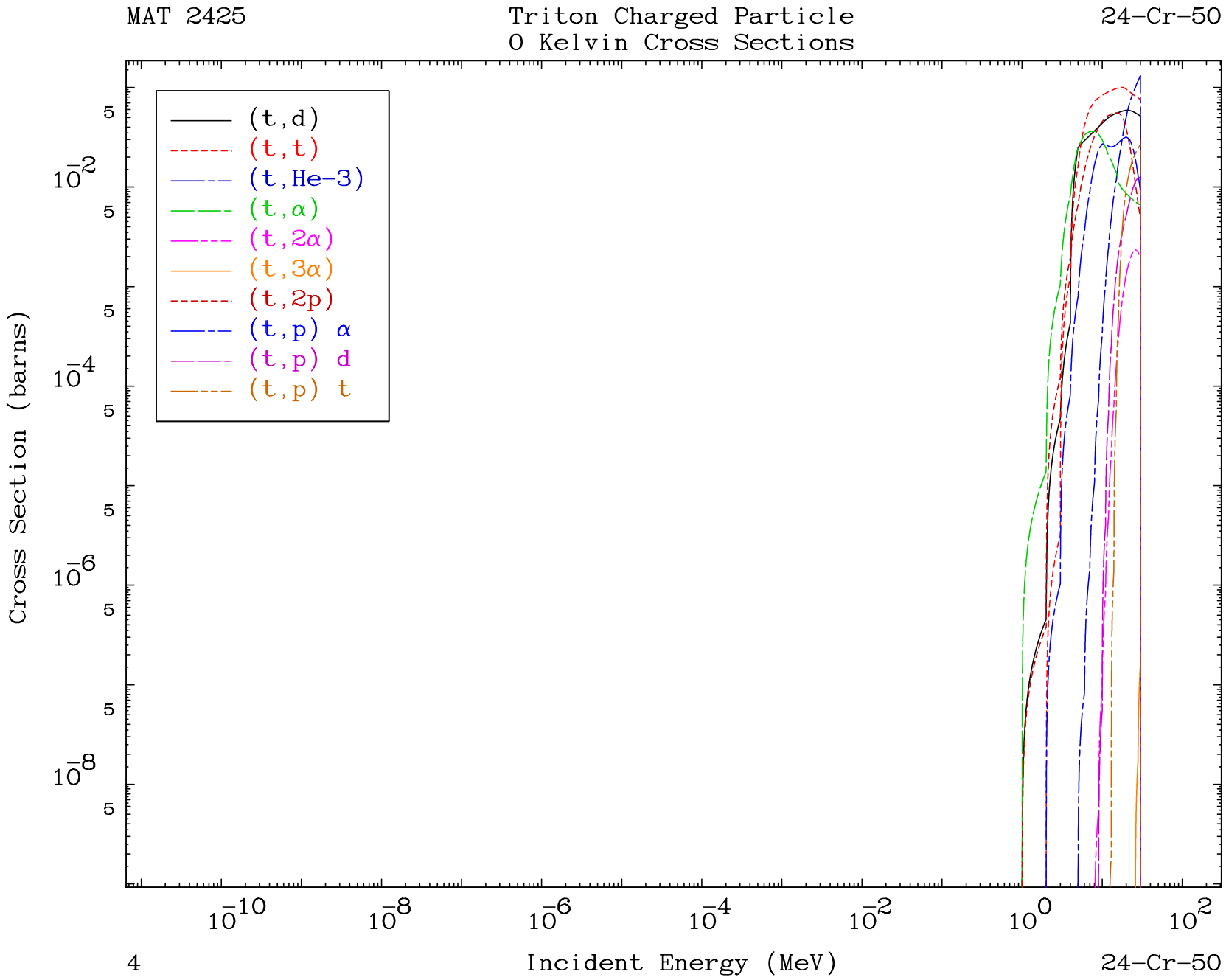
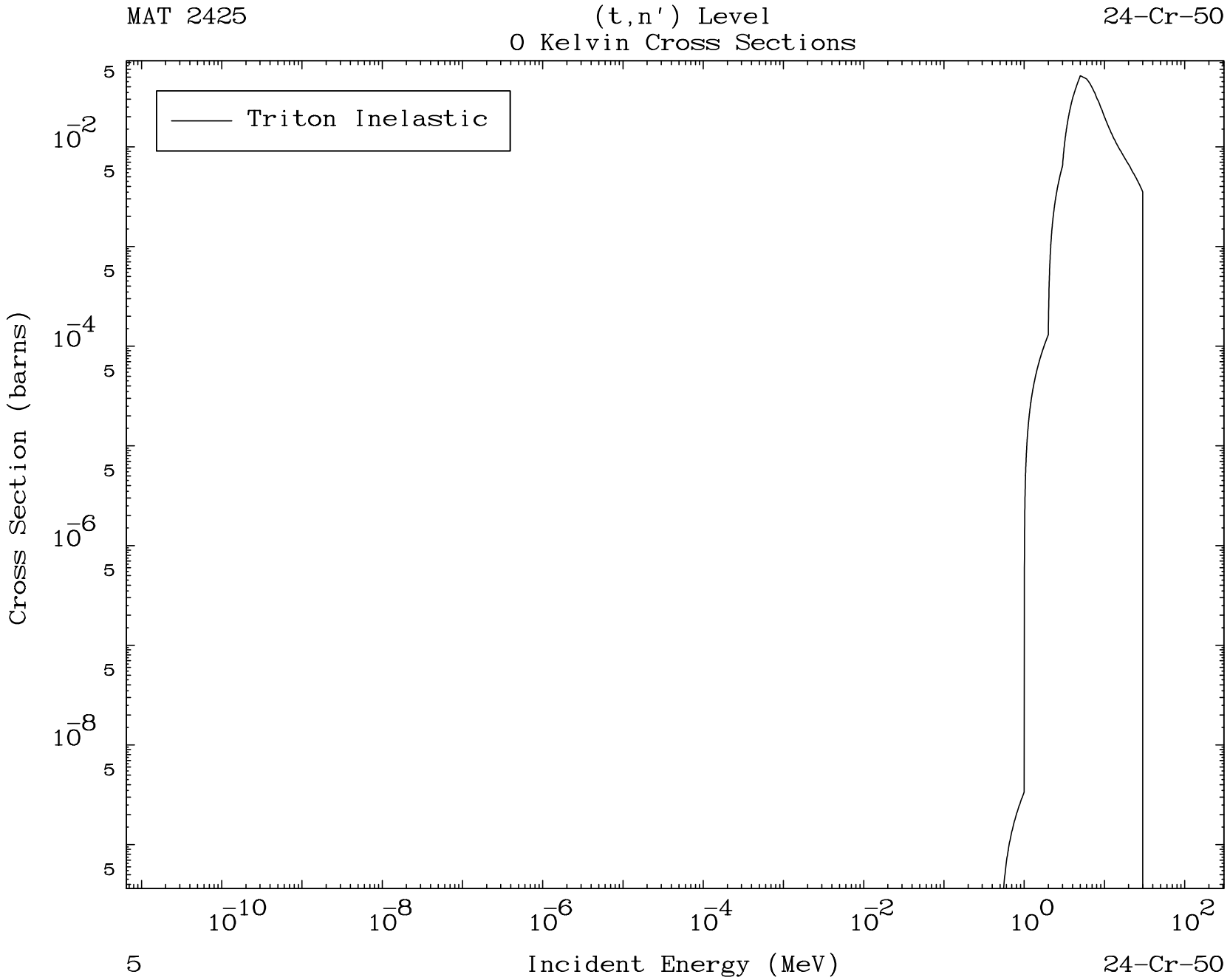
Press Mouse Button to Start

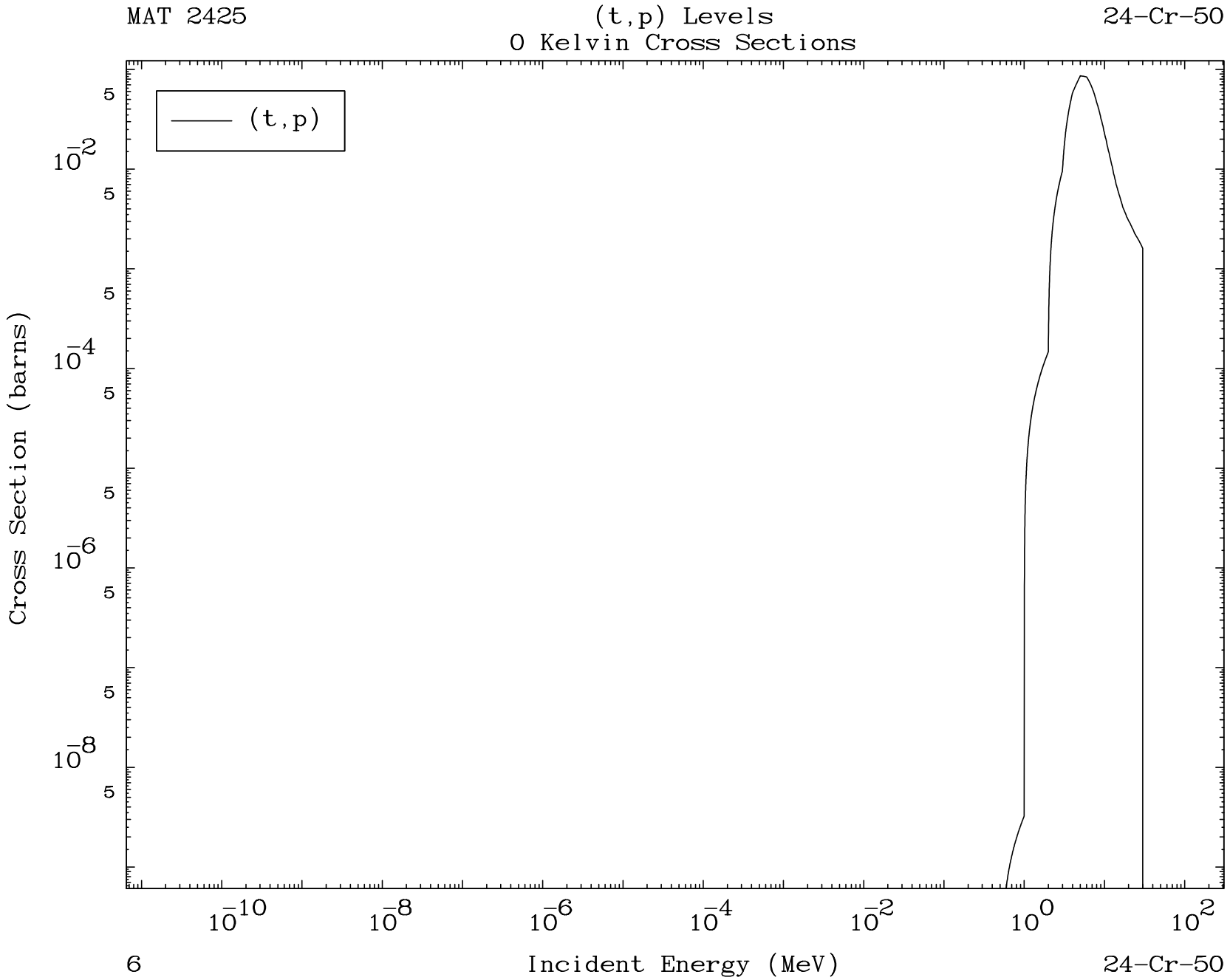

MAT 2425
Triton Major
24-Cr-50
0 Kelvin Cross Sections
Triton Elastic
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
24-Cr-50

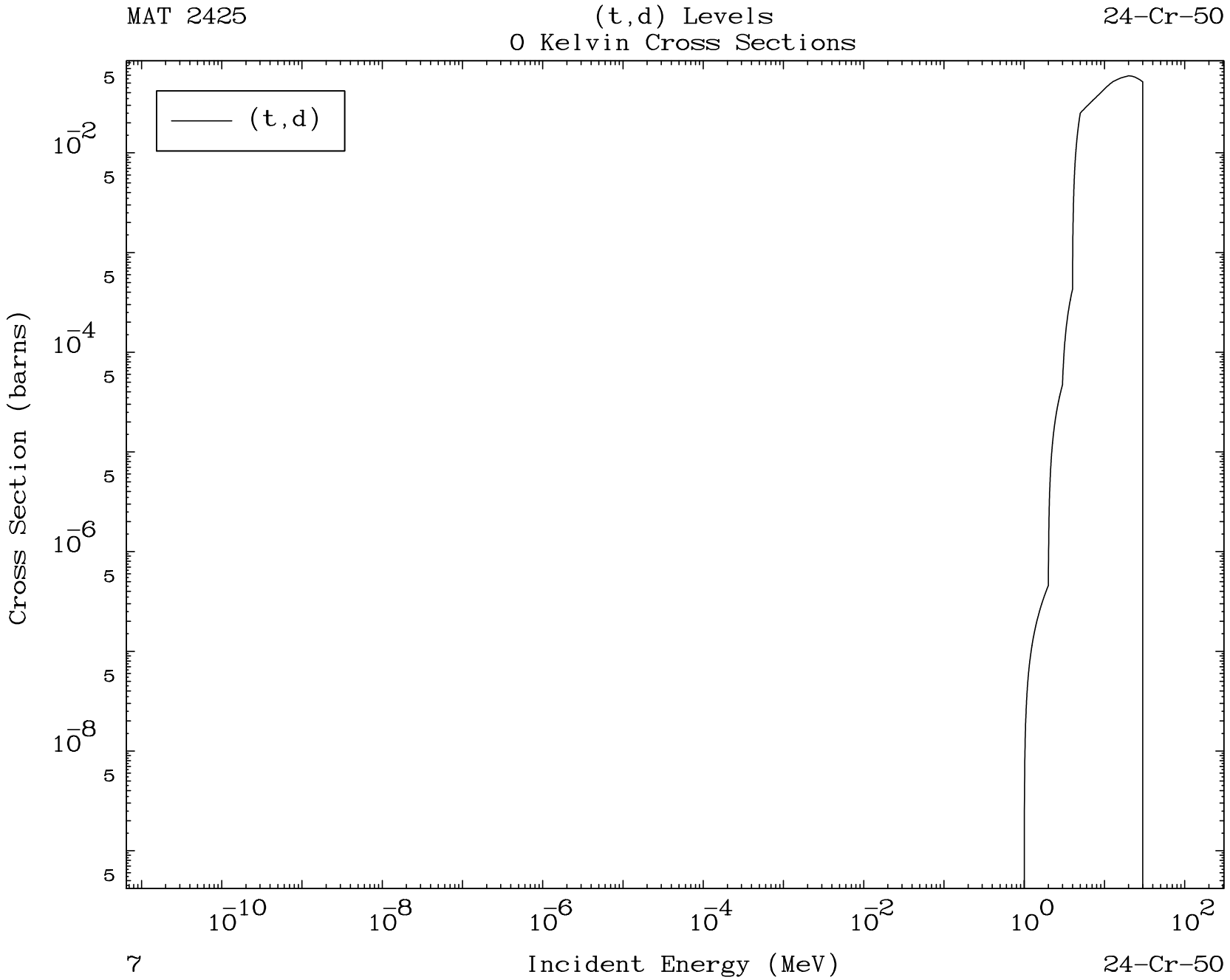

MAT 2425
Triton Neutron Production
0 Kelvin Cross Sections
24-Cr-50
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
2
24-Cr-50

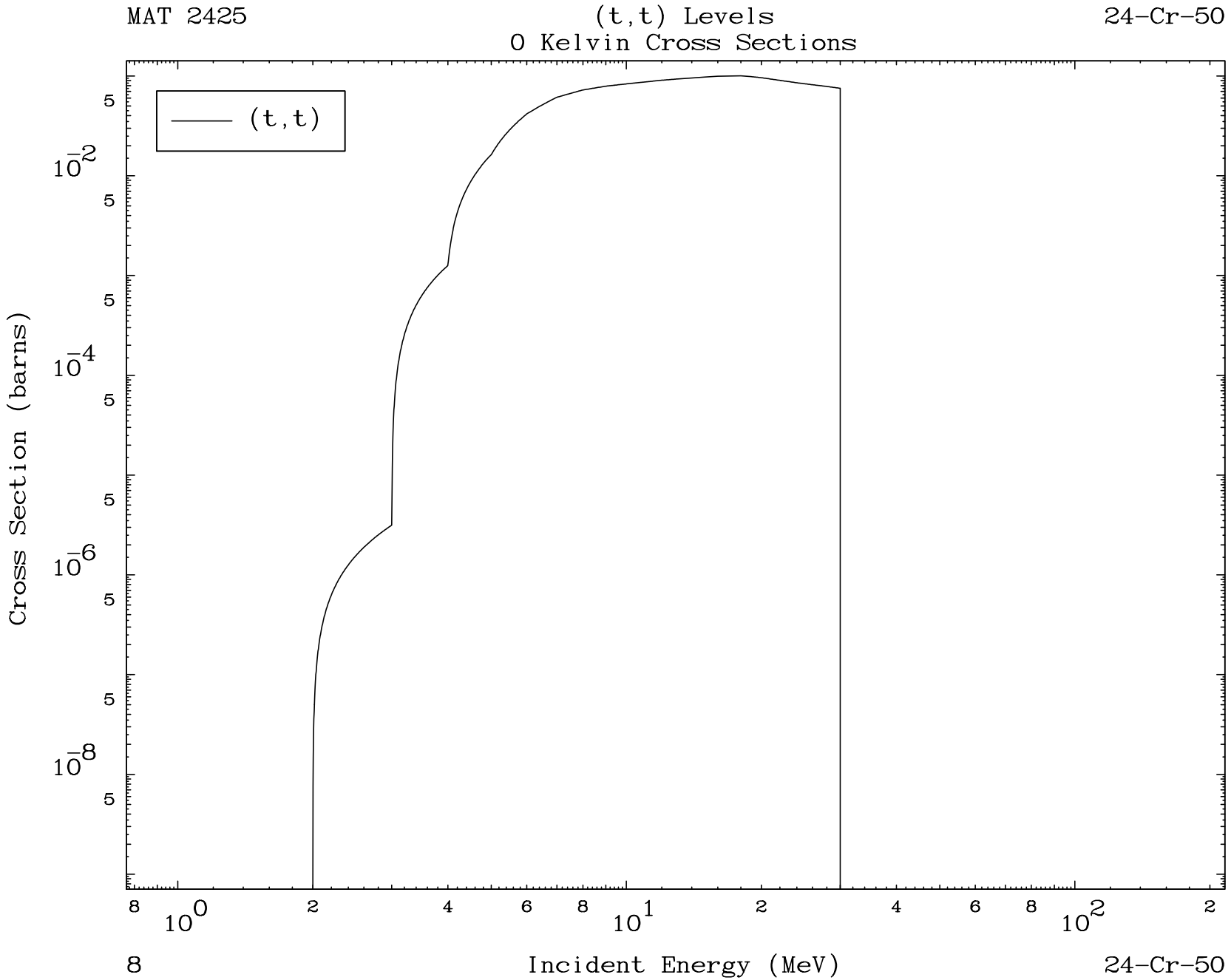

MAT 2425
Triton Charged Particle
0 Kelvin Cross Sections
24-Cr-50
(t,n') α
(t,2n) α
(t,n') p
(t,n') 2α
(t,n') d
(t,n') t
(t,n') He-3
(t,2n) p
(t,3n) p
(t,p)
Cross Section (barns)
Incident Energy (MeV)
3
24-Cr-50

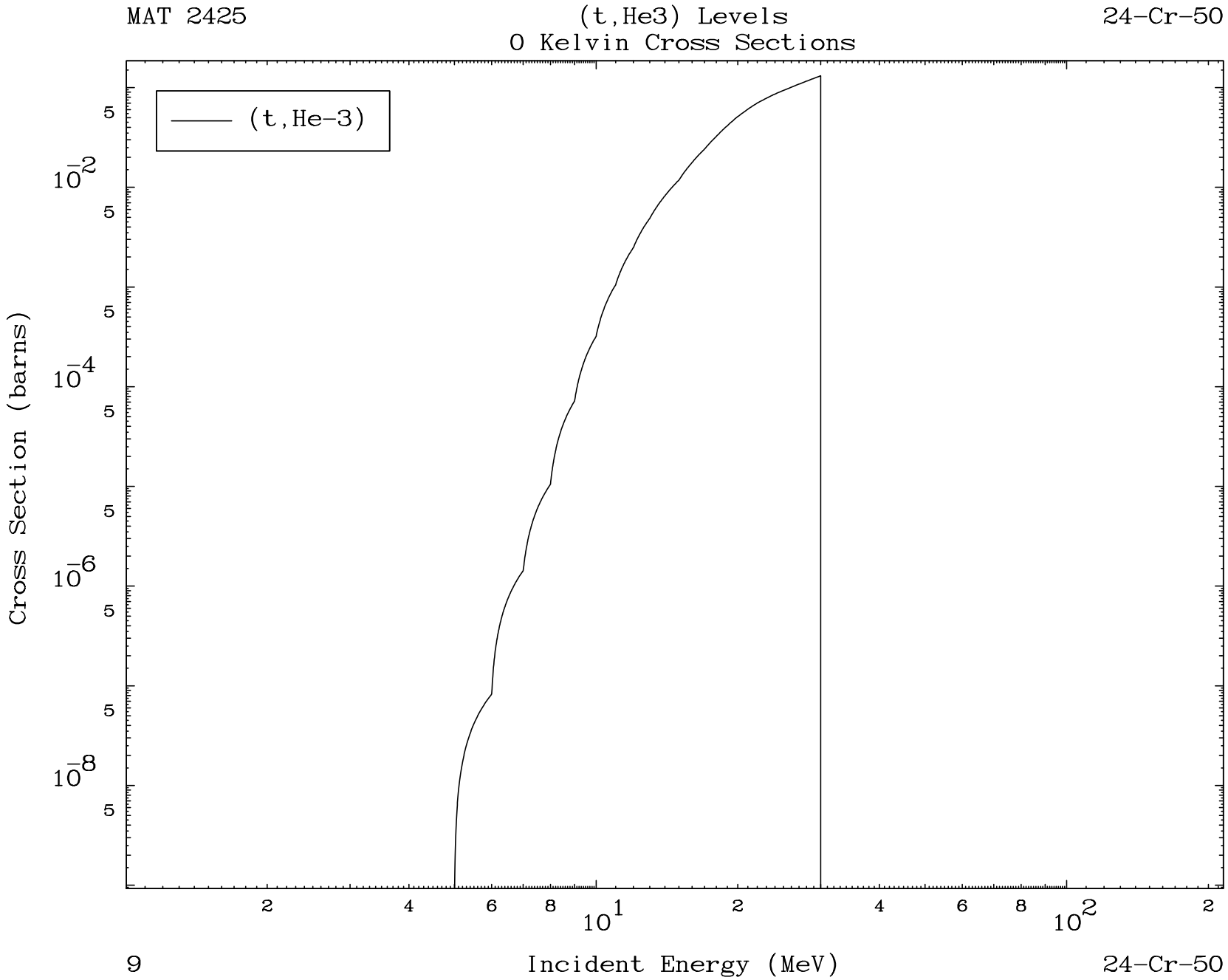

MAT 2425
Triton Charged Particle
0 Kelvin Cross Sections
24-Cr-50
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,3α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
4
24-Cr-50

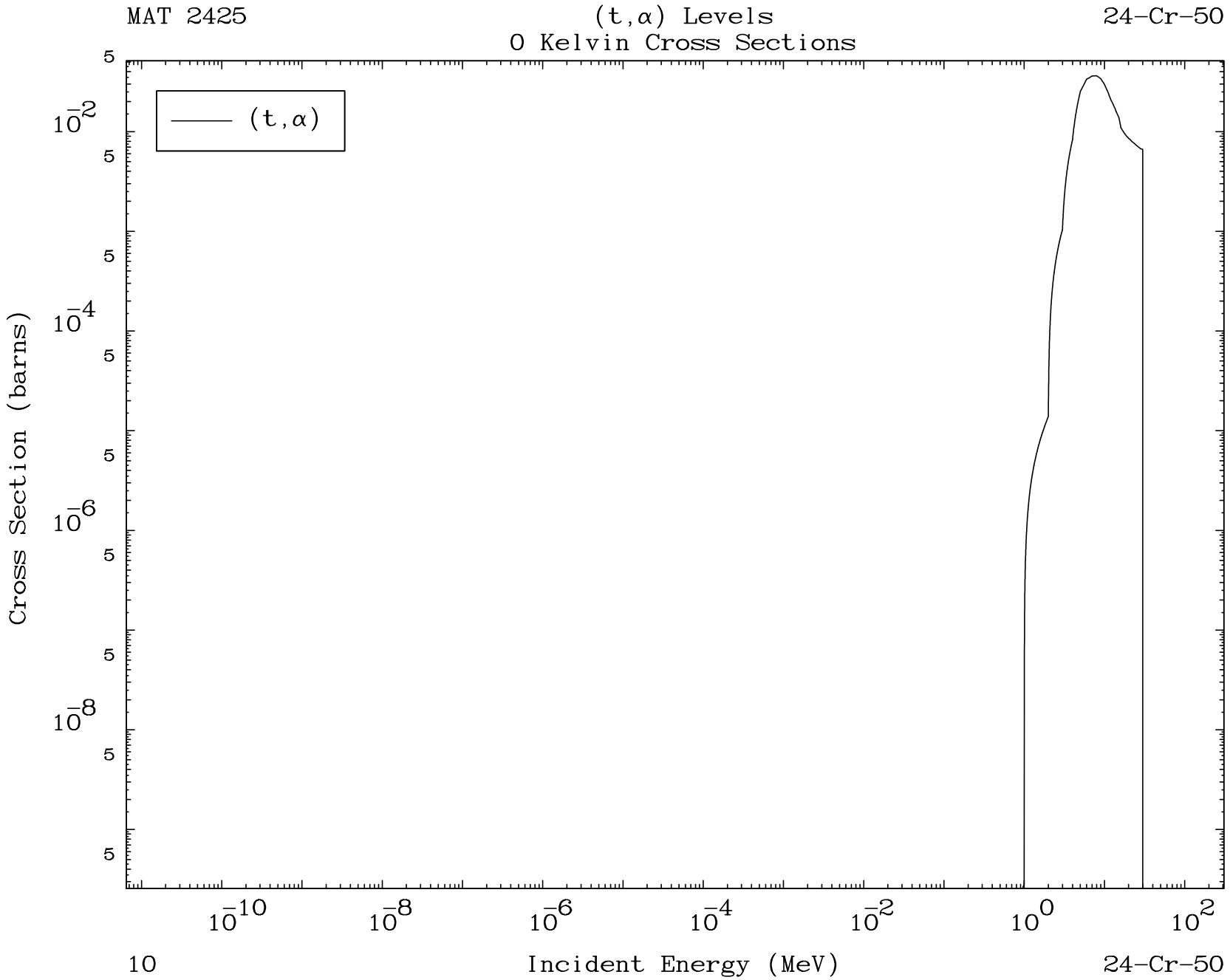

MAT 2425
(t,n') Level
24-Cr-50
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
24-Cr-50
5

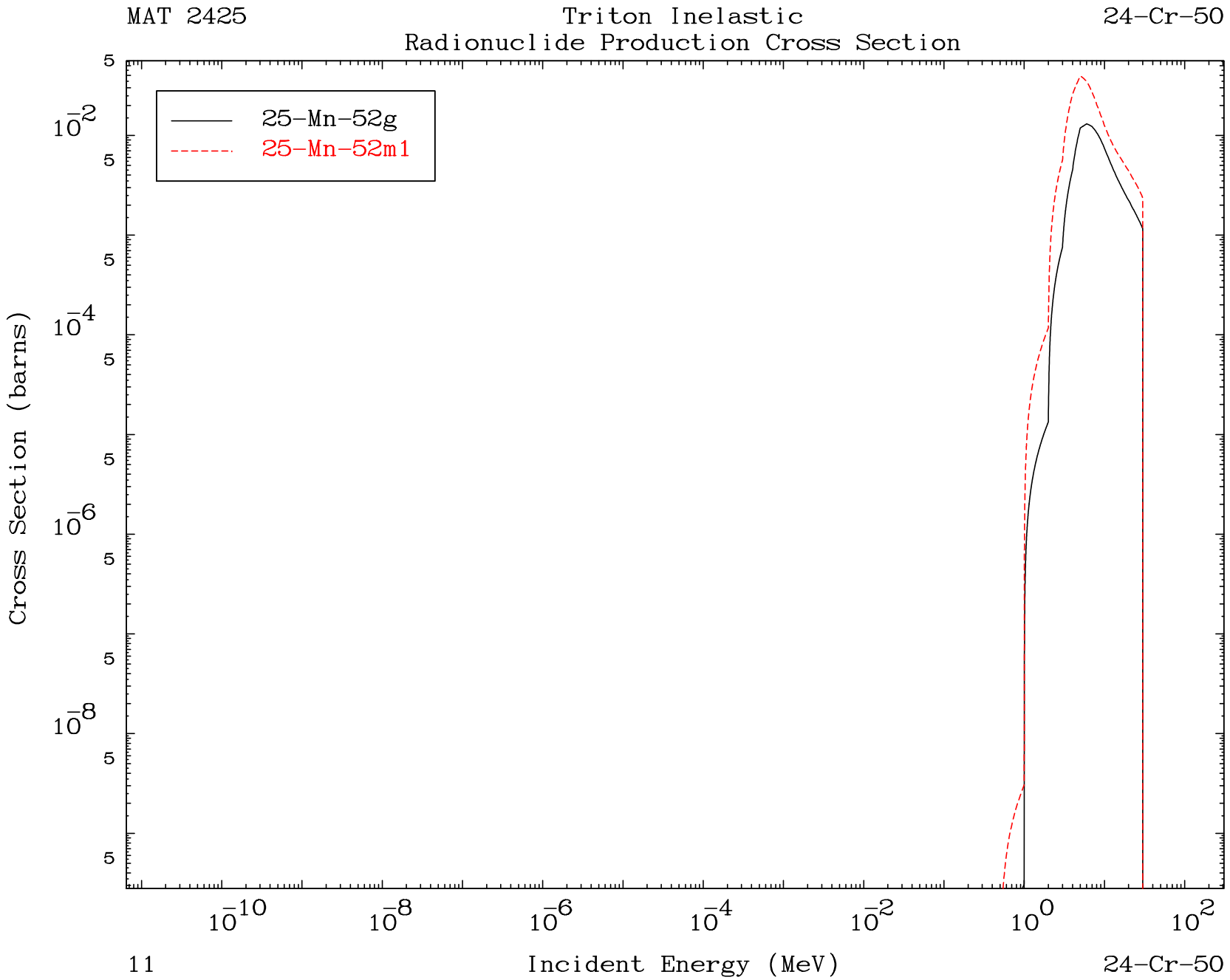

MAT 2425
(t,p) Levels
24-Cr-50
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
6
24-Cr-50

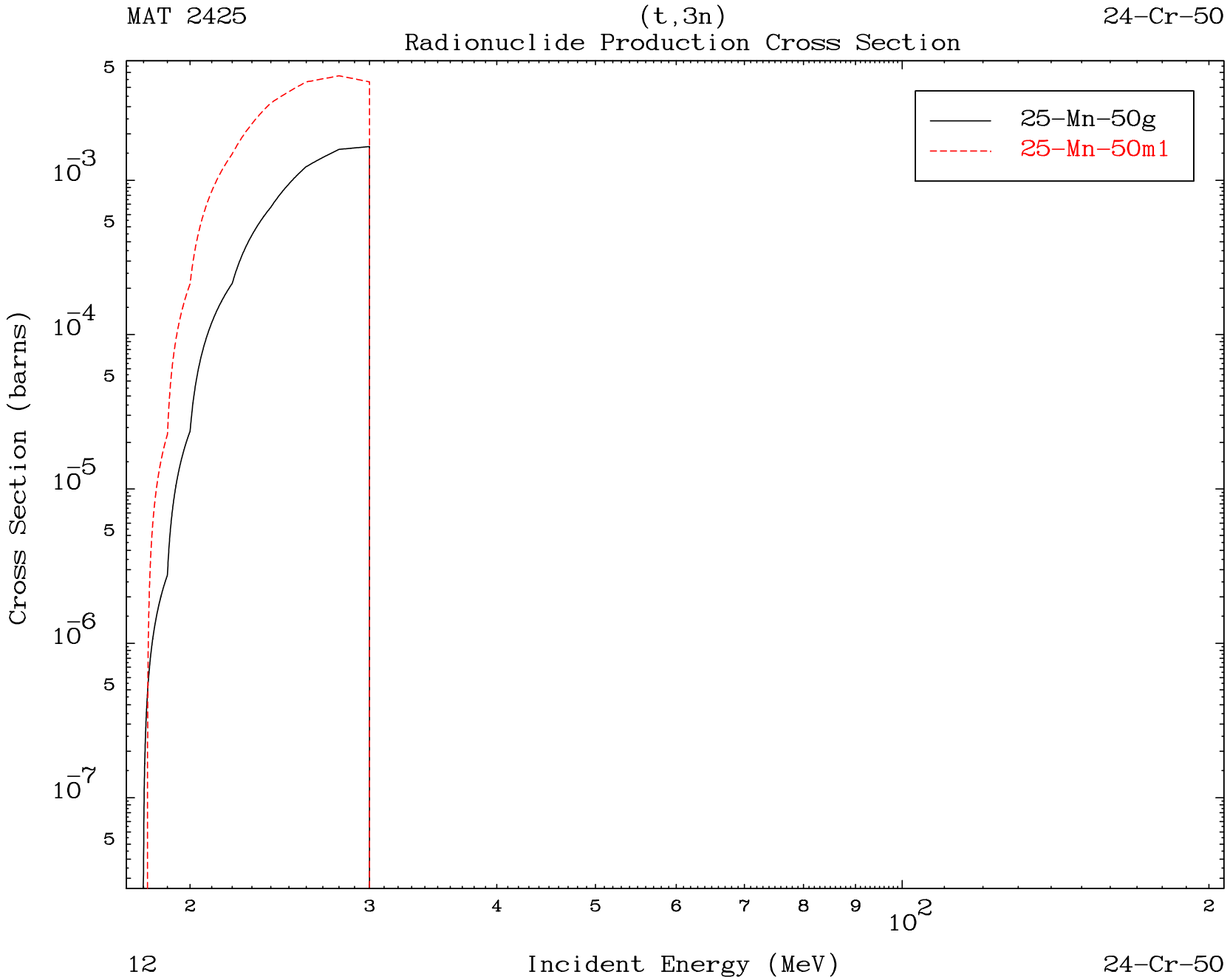

MAT 2425
(t,d) Levels
24-Cr-50
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
7
24-Cr-50

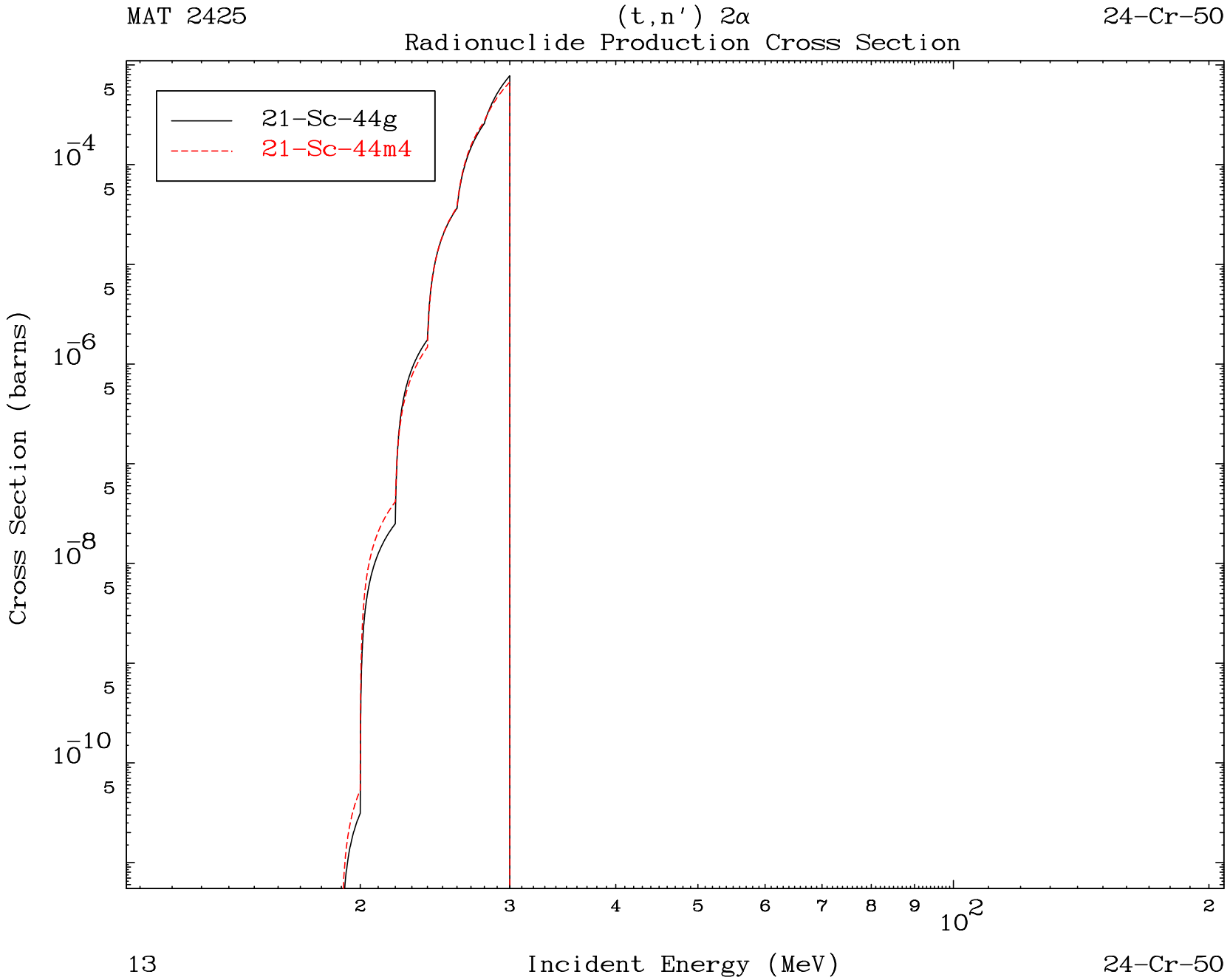

MAT 2425
(t,t) Levels
24-Cr-50
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
24-Cr-50

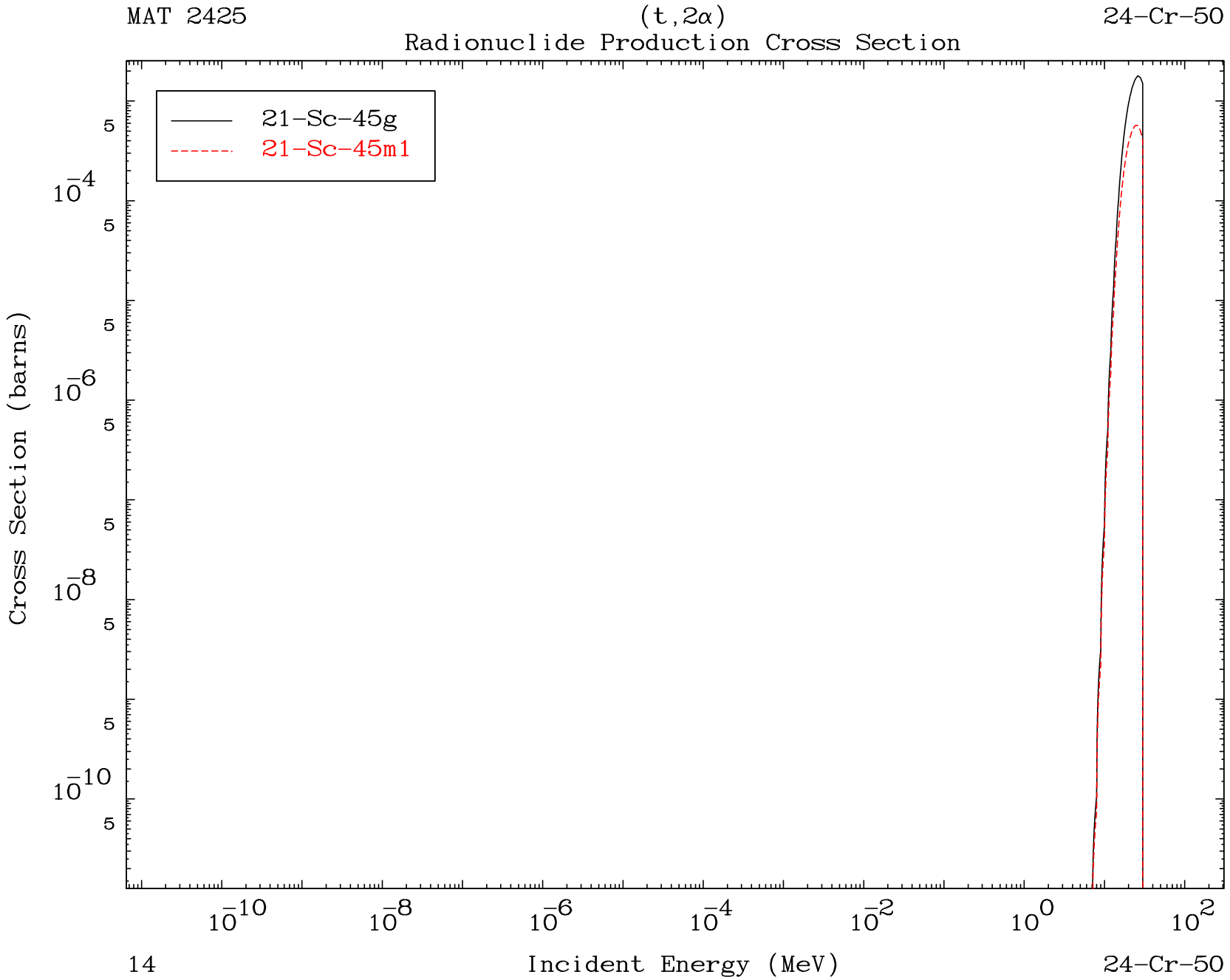

MAT 2425
(t,He3) Levels
24-Cr-50
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
9
24-Cr-50

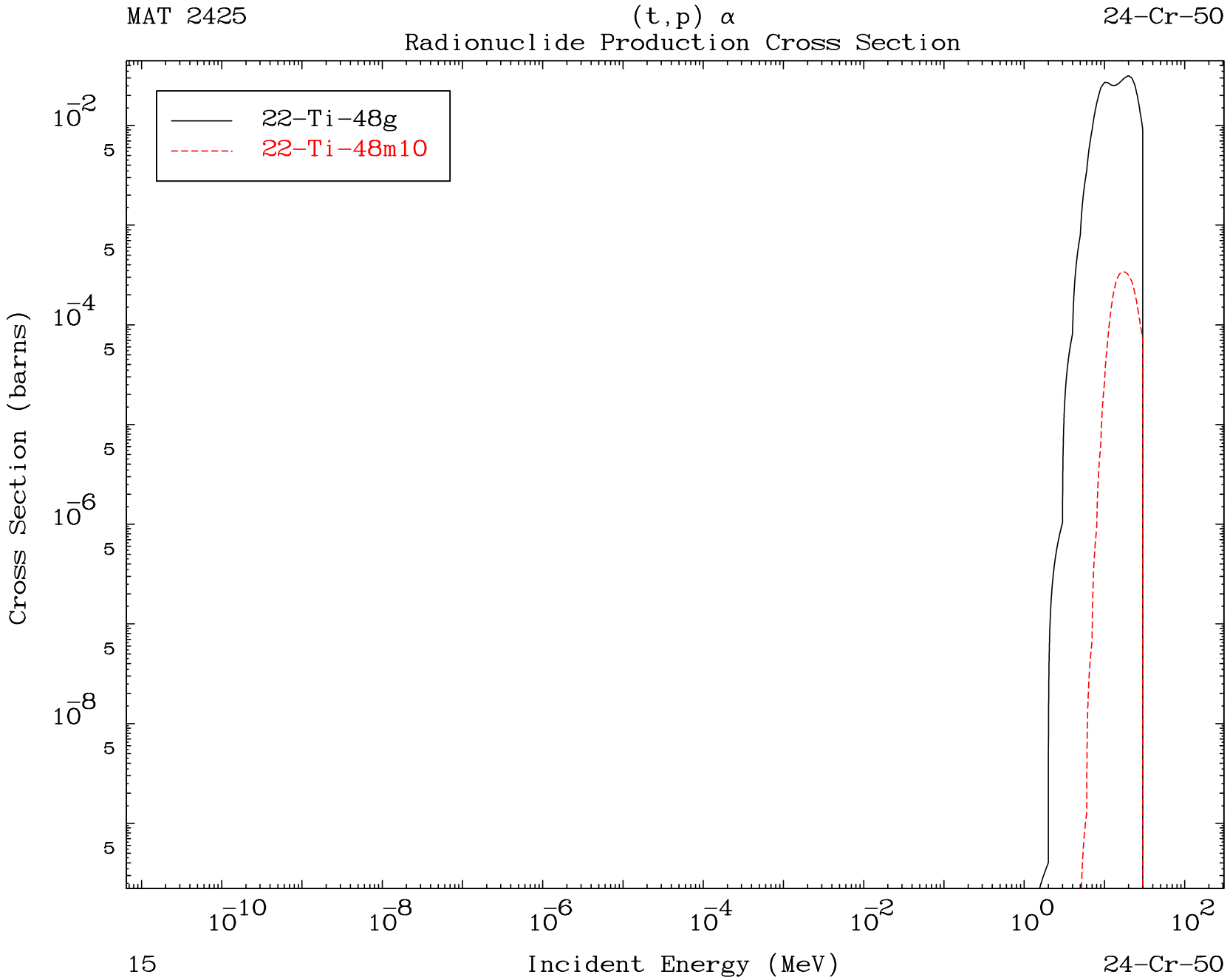

MAT 2425
(t,α) Levels
24-Cr-50
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
10
24-Cr-50


MAT 2425
Triton Inelastic
24-Cr-50
Radionuclide Production Cross Section
25-Mn-52g
25-Mn-52m1
Cross Section (barns)
Incident Energy (MeV)
11
24-Cr-50


MAT 2425
(t,3n)
24-Cr-50
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
24-Cr-50


MAT 2425
(t,n') 2α
24-Cr-50
Radionuclide Production Cross Section
21-Sc-44g
21-Sc-44m4
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
24-Cr-50


MAT 2425
(t,2α)
24-Cr-50
Radionuclide Production Cross Section
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
Incident Energy (MeV)
14
24-Cr-50


MAT 2425
(t,p) α
24-Cr-50
Radionuclide Production Cross Section
22-Ti-48g
22-Ti-48m10
Cross Section (barns)
Incident Energy (MeV)
15
24-Cr-50