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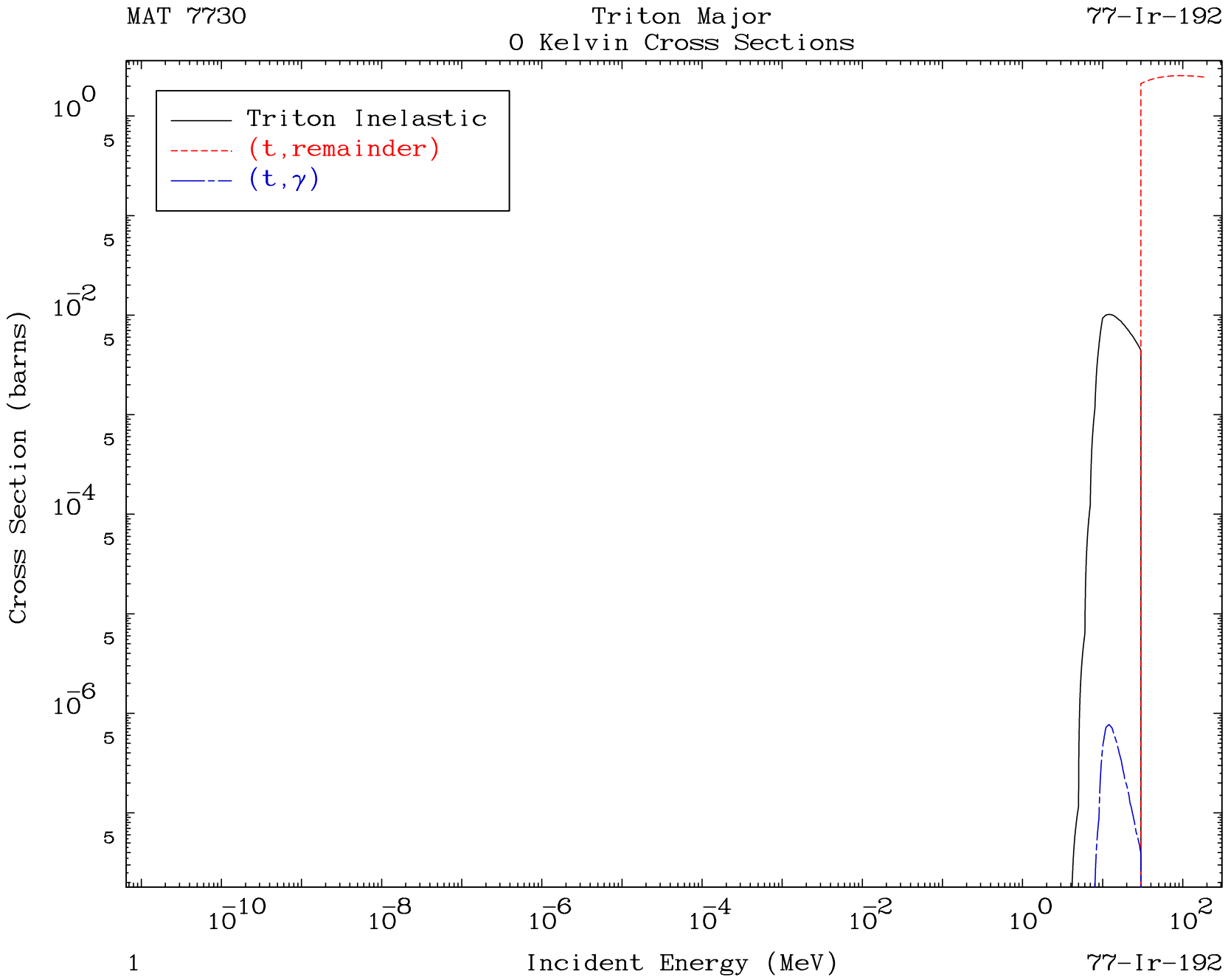
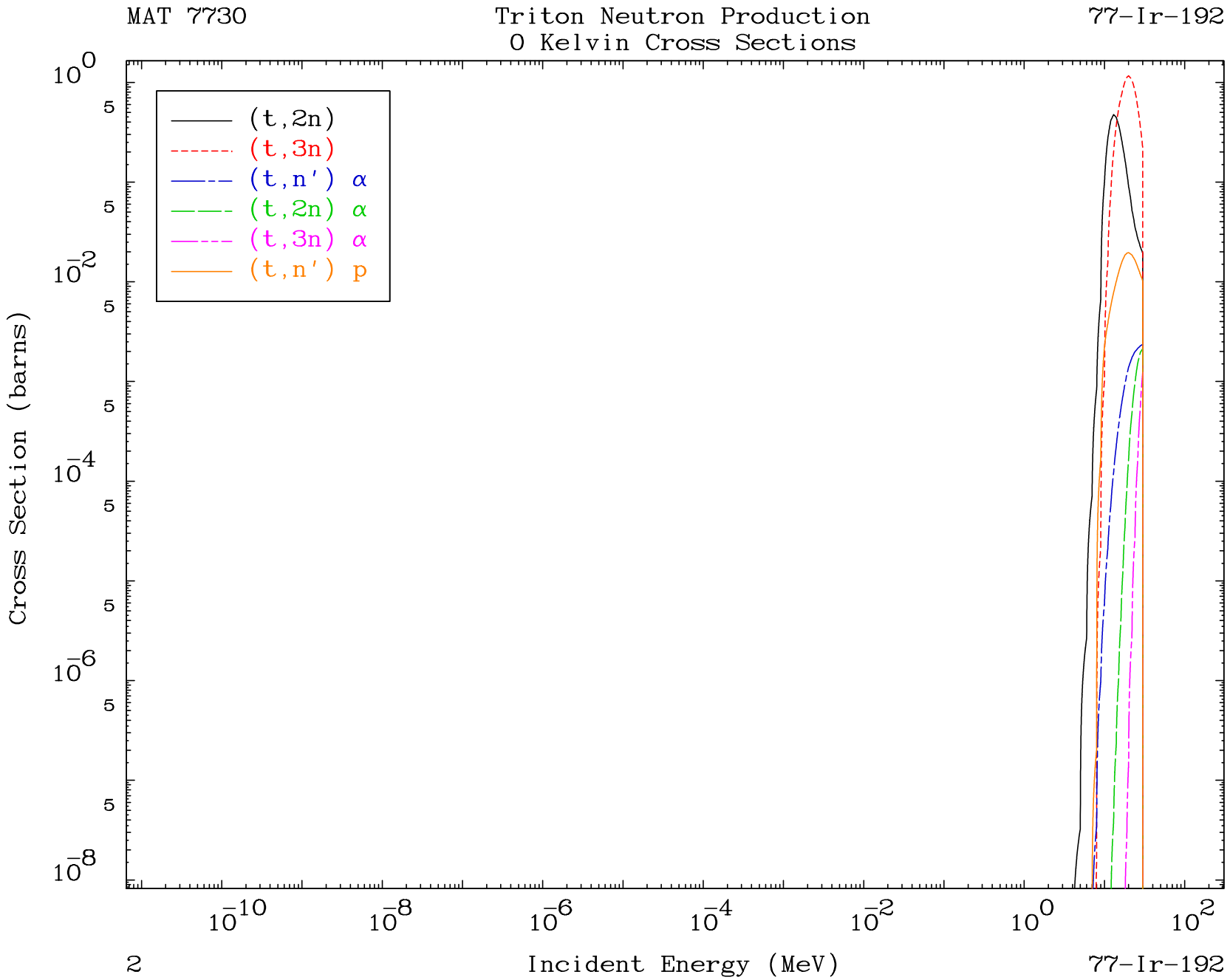
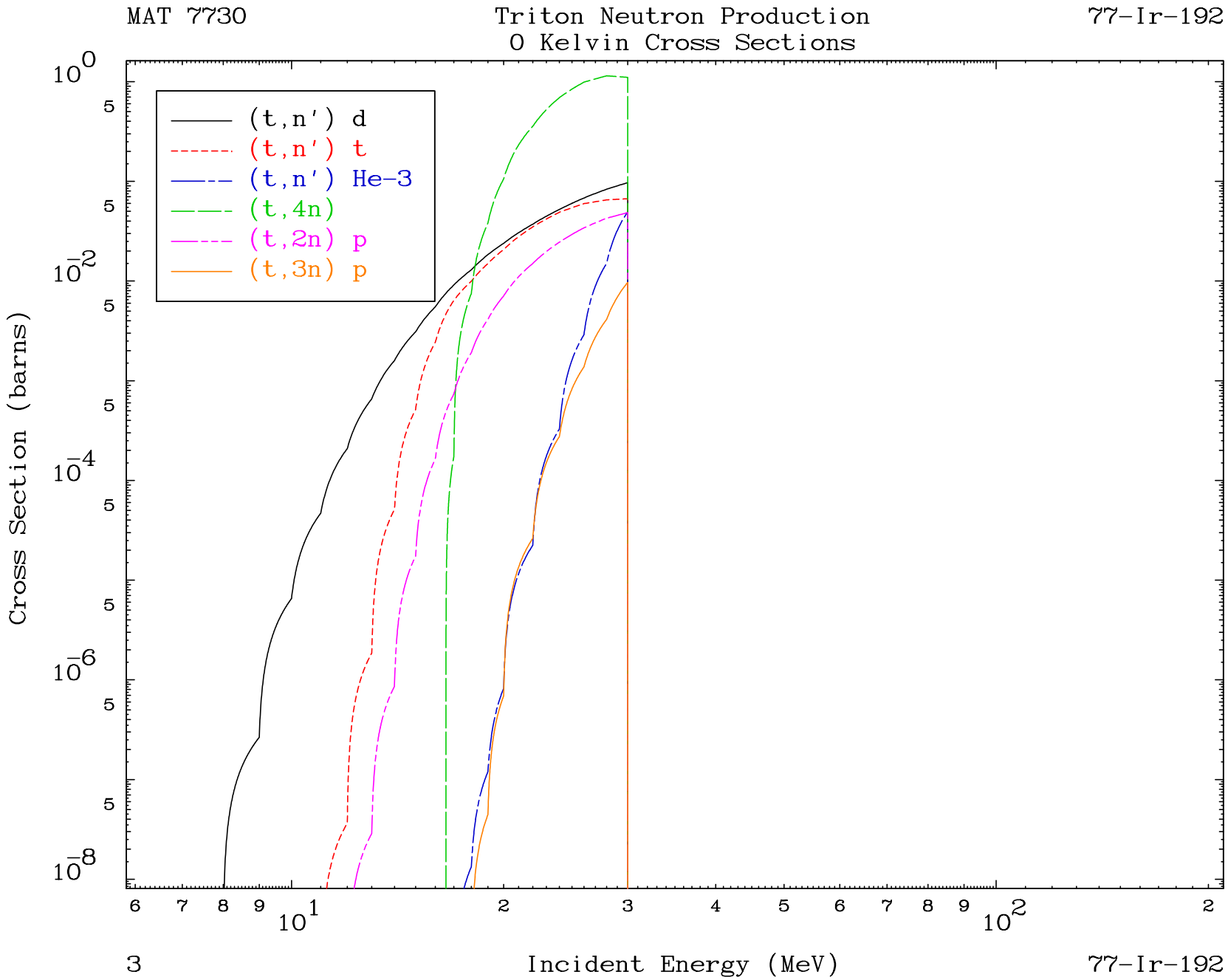
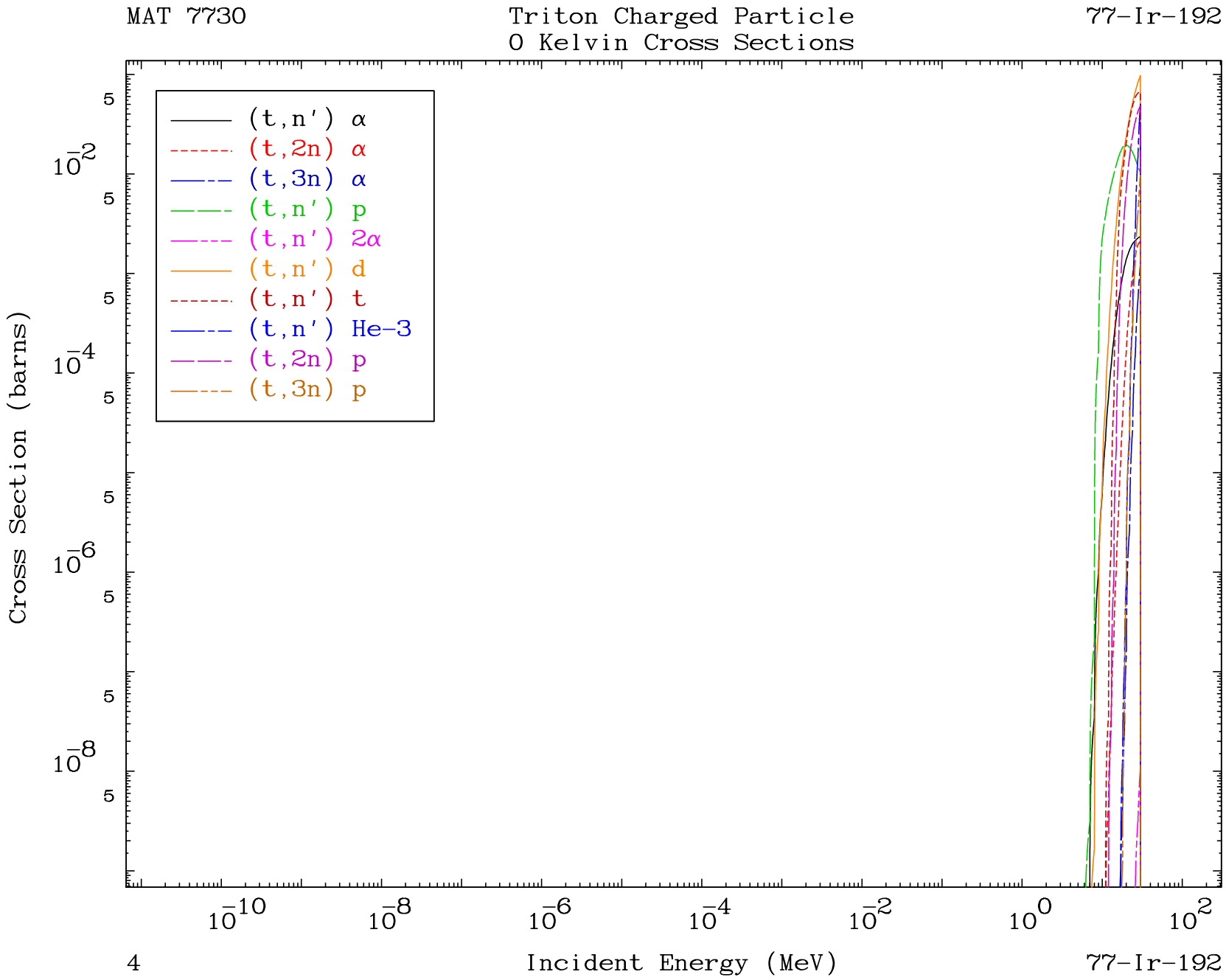
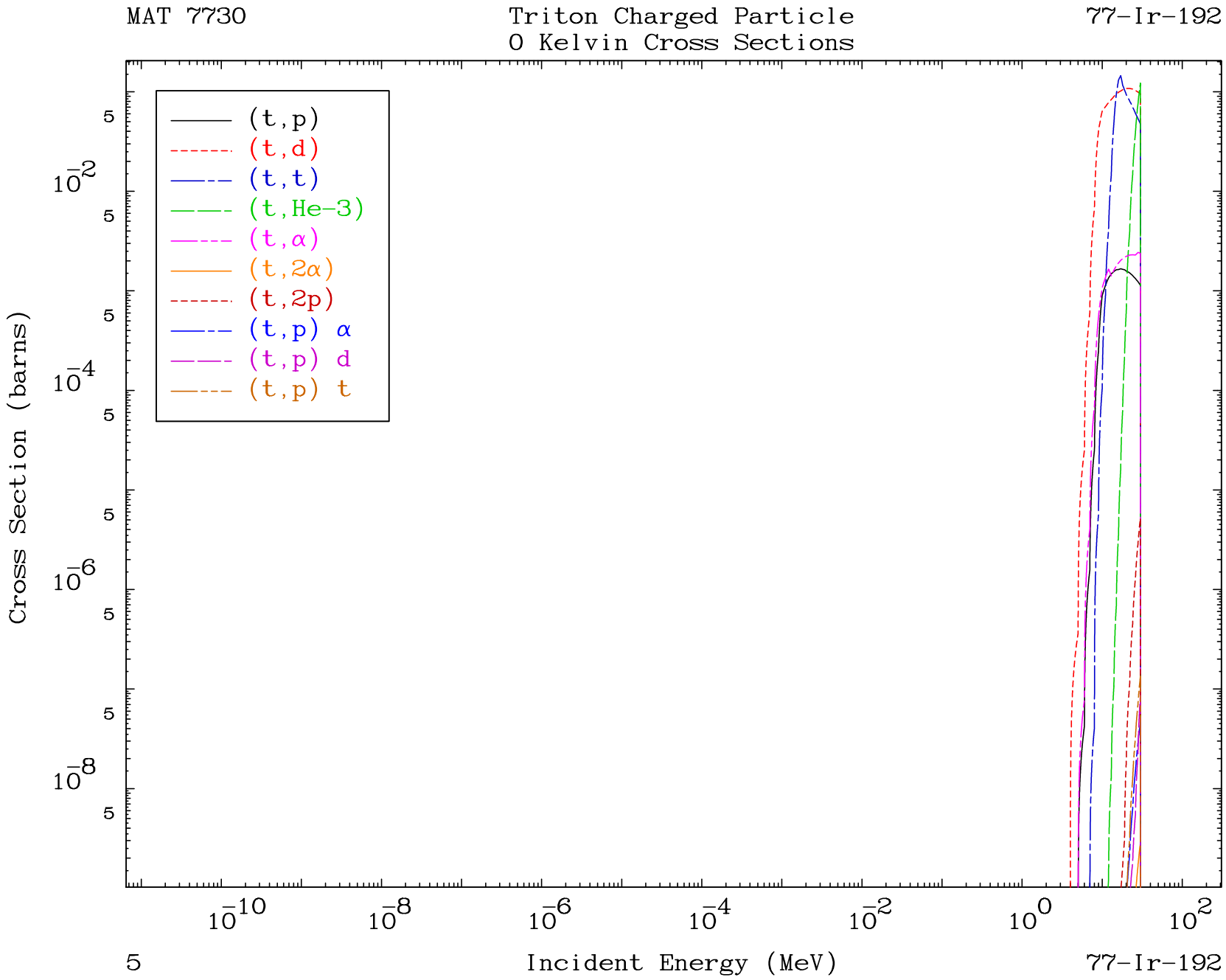
Press Mouse Button to Start

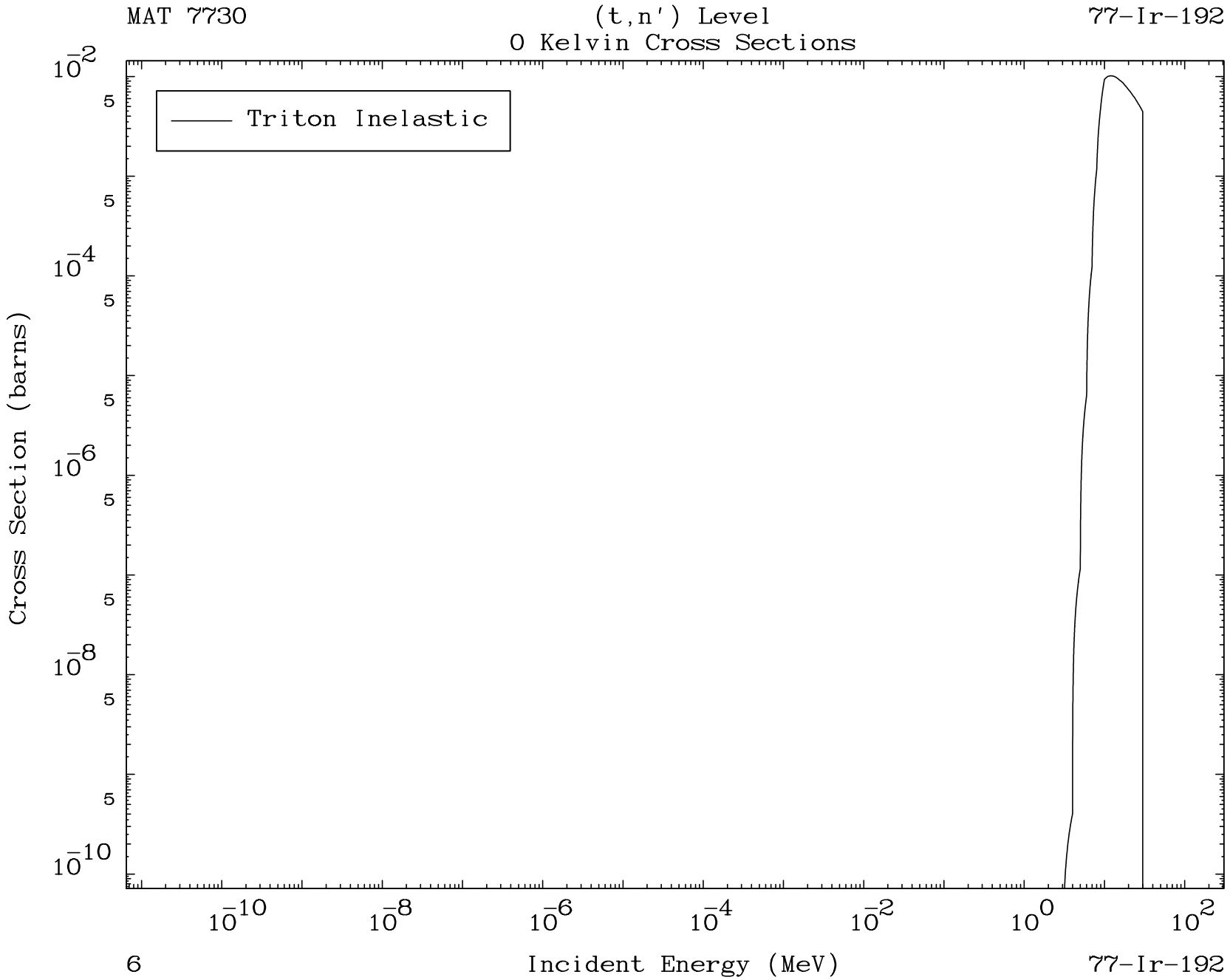

MAT 7730
Triton Major
77-Ir-192
0 Kelvin Cross Sections
Triton Inelastic
(t,remainder)
(t,γ)
Cross Section (barns)
Incident Energy (MeV)
1
77-Ir-192

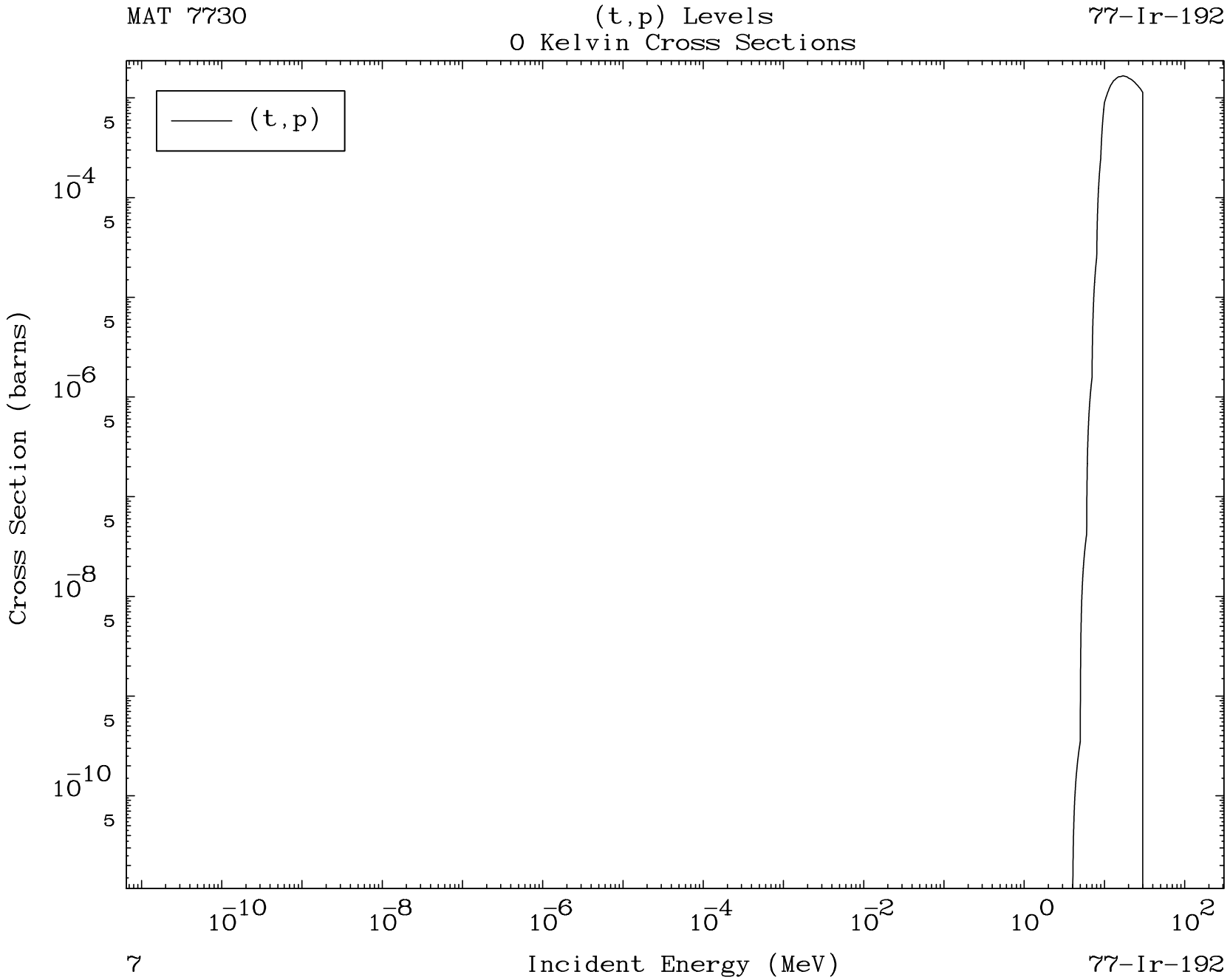

MAT 7730
Triton Neutron Production
0 Kelvin Cross Sections
77-Ir-192
(t,2n)
(t,3n)
(t,n') α
(t,2n) α
(t,3n) α
(t,n') p
Cross Section (barns)
Incident Energy (MeV)
2
77-Ir-192

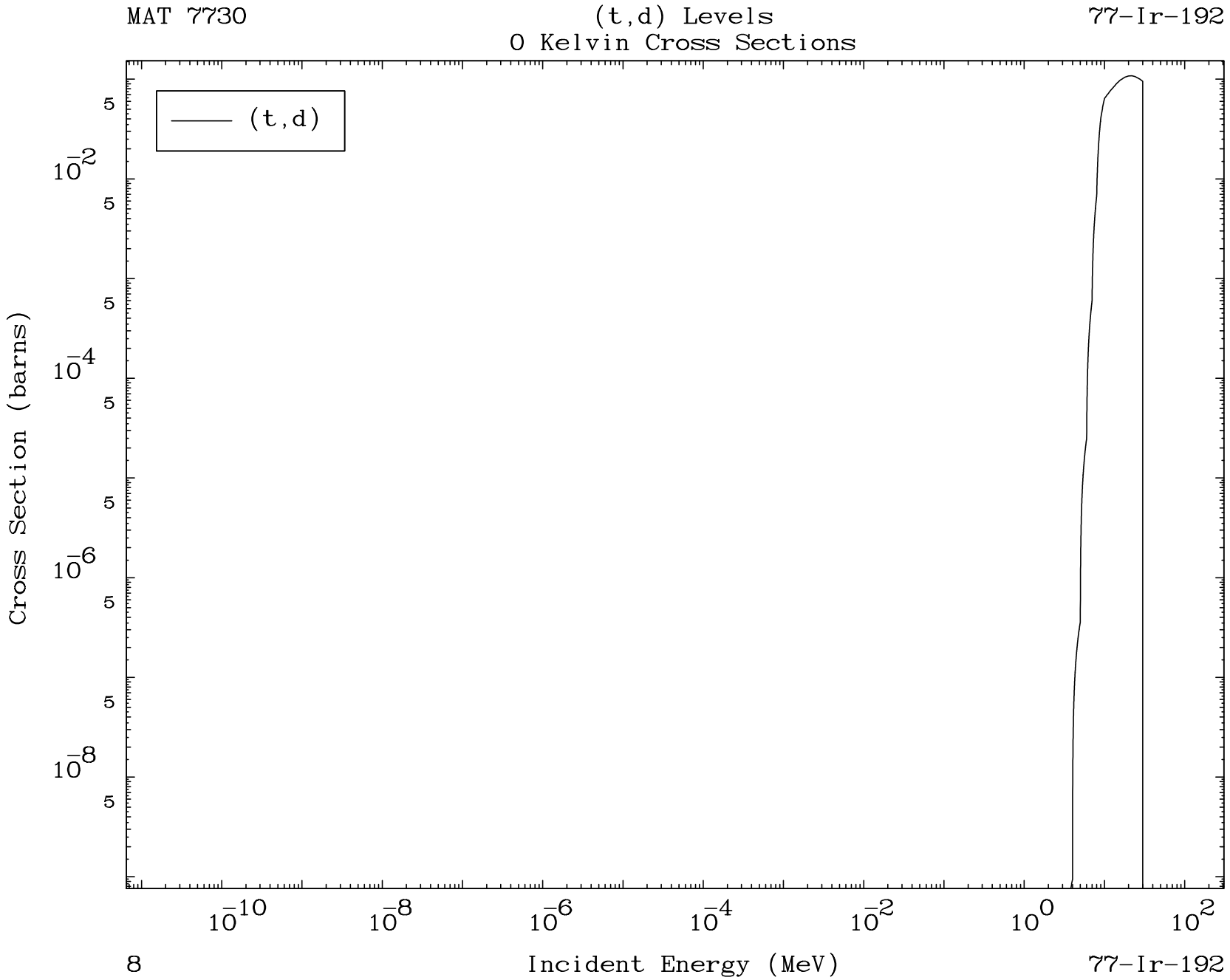

MAT 7730
Triton Neutron Production
0 Kelvin Cross Sections
77-Ir-192
(t,n') d
(t,n') t
(t,n') He-3
(t,4n)
(t,2n) p
(t,3n) p
Cross Section (barns)
Incident Energy (MeV)
77-Ir-192
3


MAT 7730
Triton Charged Particle
0 Kelvin Cross Sections
77-Ir-192
(t,n') α
(t,2n) α
(t,3n) 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)
4
77-Ir-192


MAT 7730
Triton Charged Particle
0 Kelvin Cross Sections
77-Ir-192
(t,p)
(t,d)
(t,t)
(t,He-3)
(t,α)
(t,2α)
(t,2p)
(t,p) α
(t,p) d
(t,p) t
Cross Section (barns)
Incident Energy (MeV)
77-Ir-192


MAT 7730
(t,n') Level
77-Ir-192
0 Kelvin Cross Sections
Triton Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
77-Ir-192


MAT 7730
(t,p) Levels
77-Ir-192
0 Kelvin Cross Sections
(t,p)
Cross Section (barns)
Incident Energy (MeV)
7
77-Ir-192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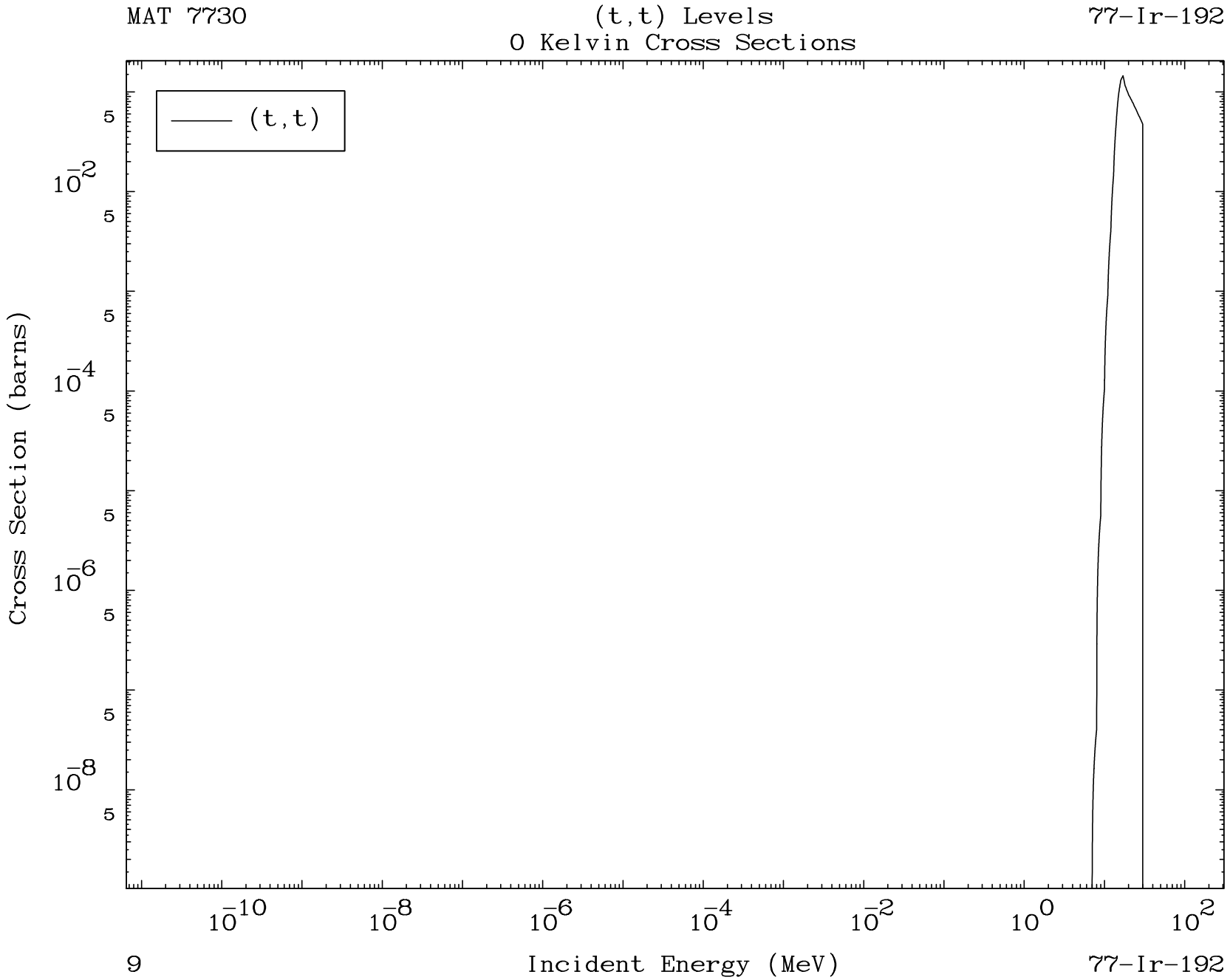
(t,d) Levels
77-Ir-192
0 Kelvin Cross Sections
(t,d)
Cross Section (barns)
Incident Energy (MeV)
8
77-Ir-192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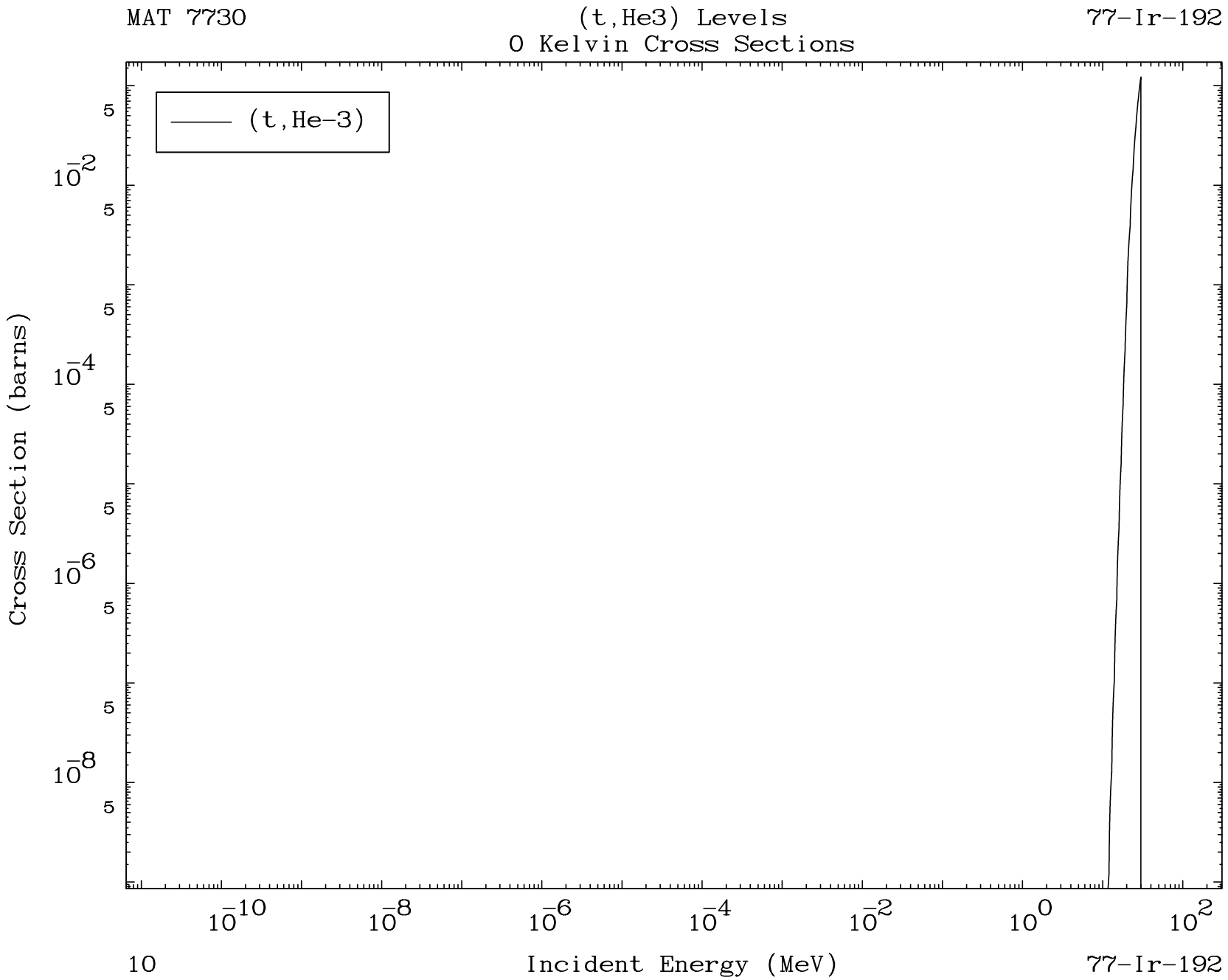
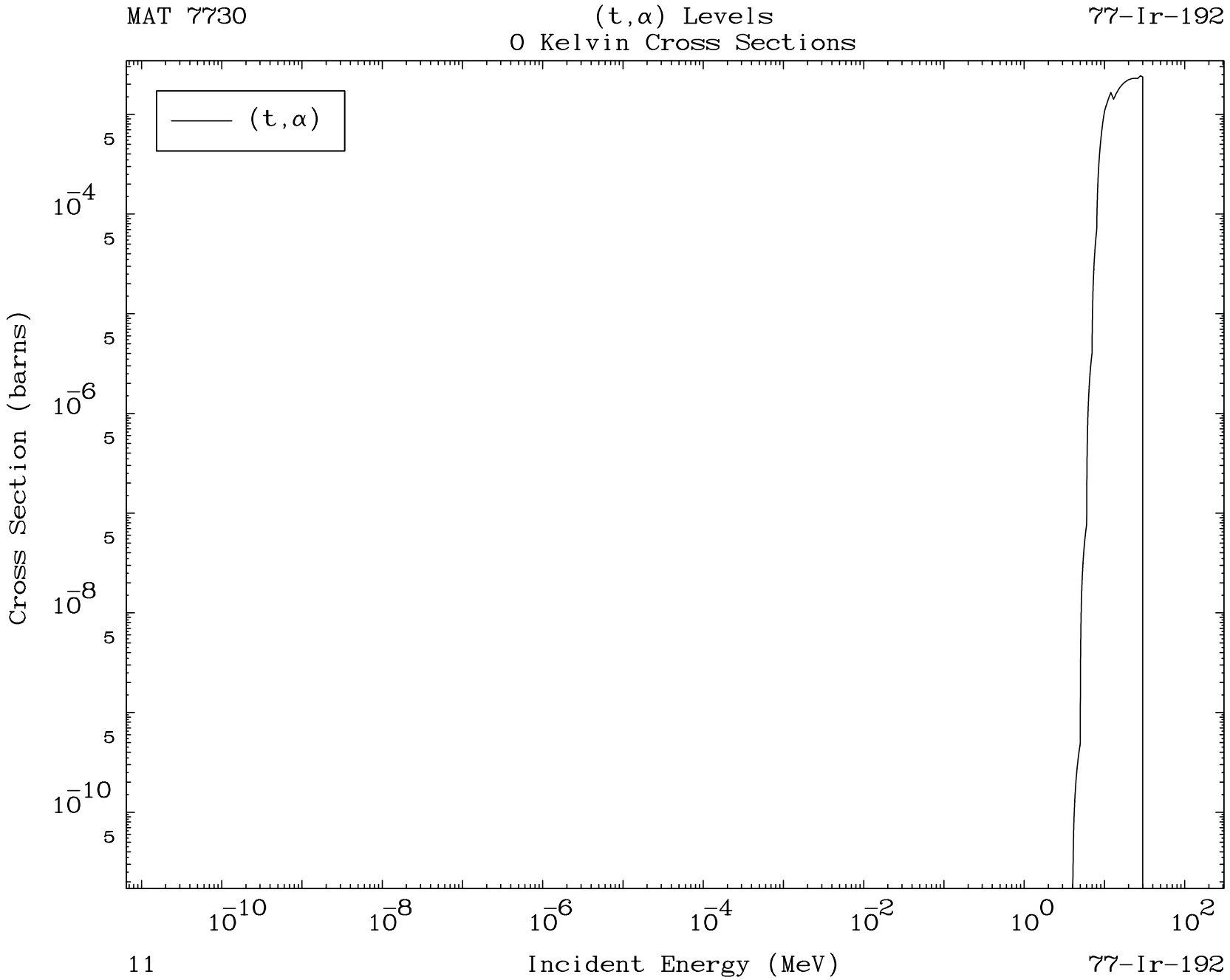
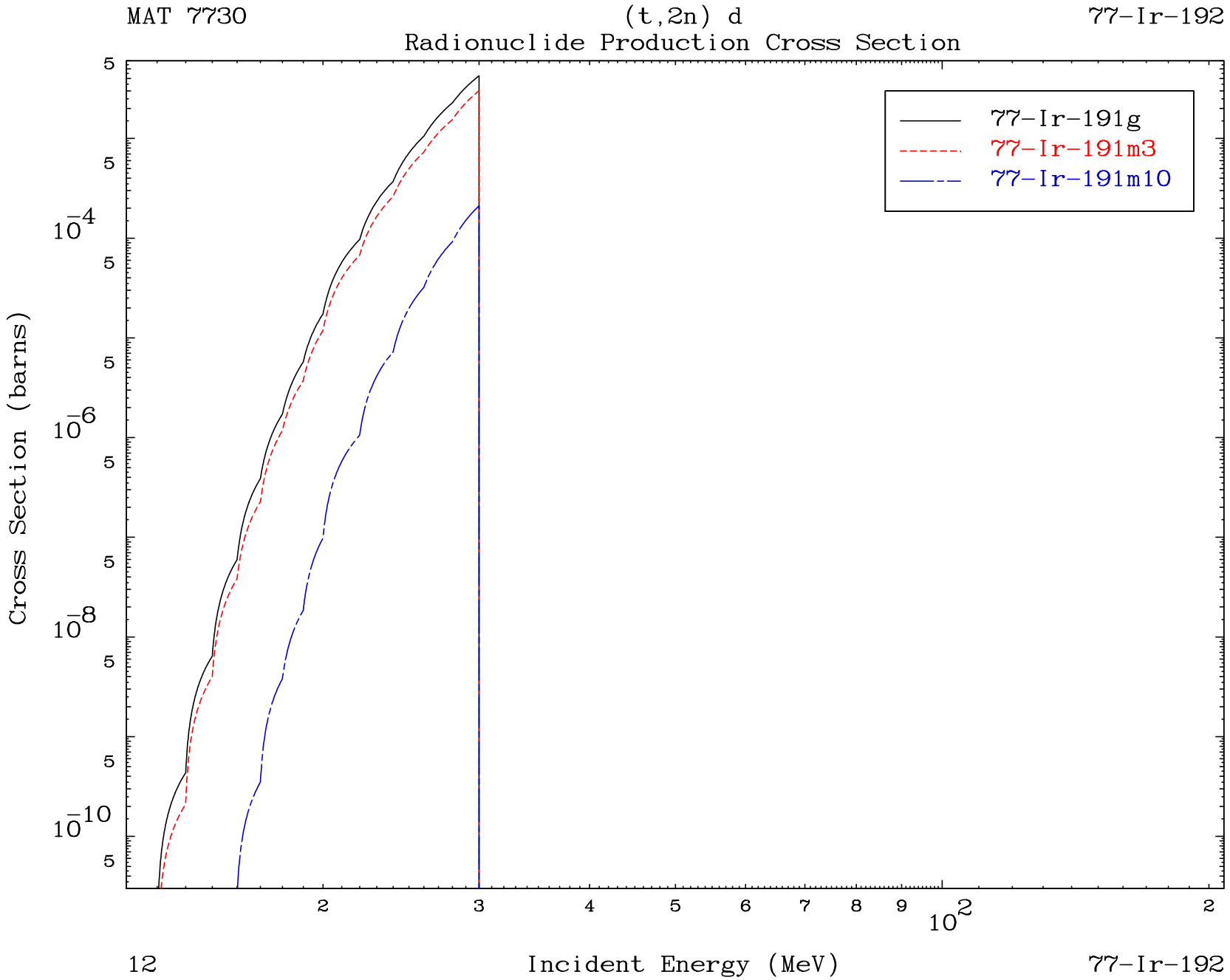
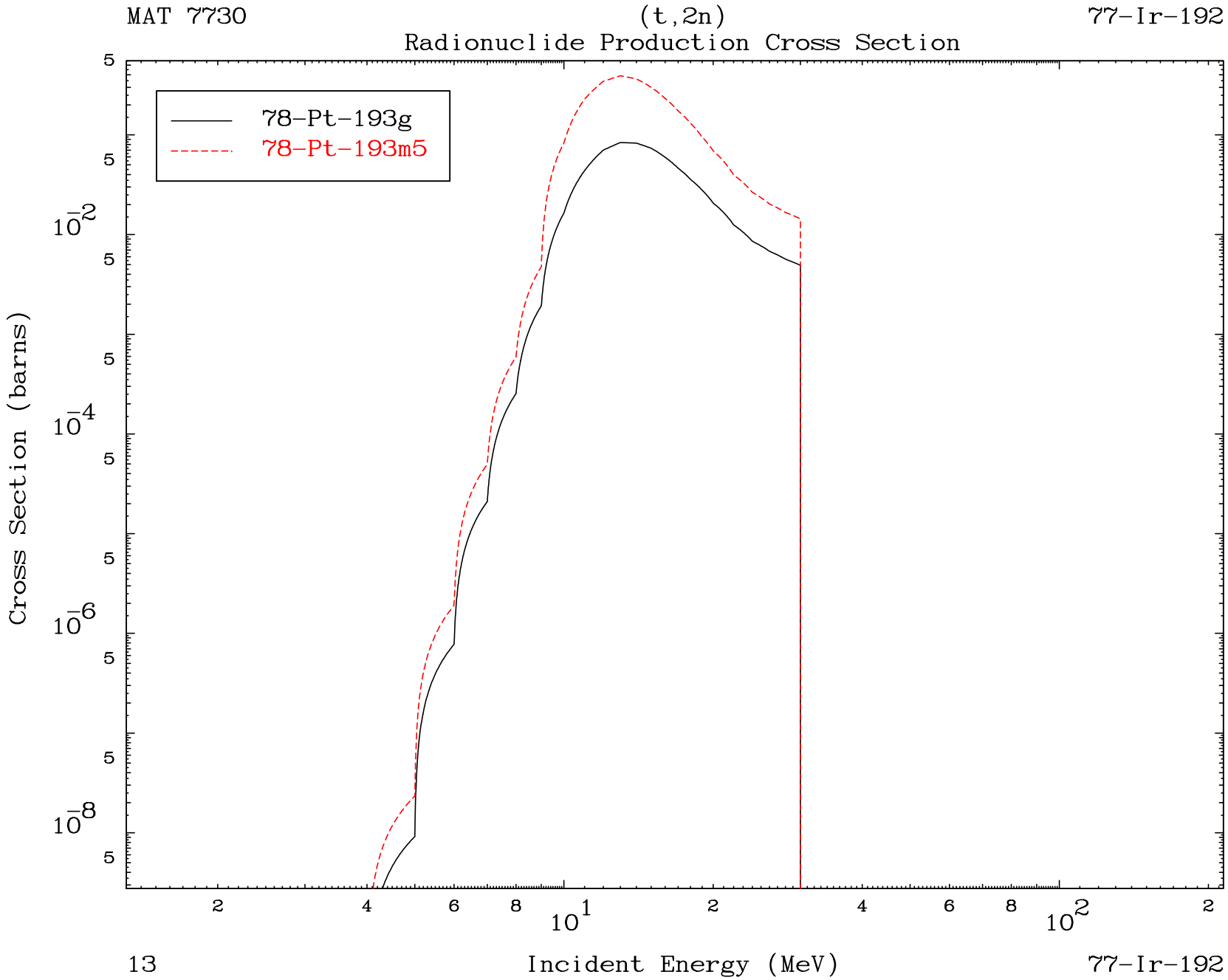
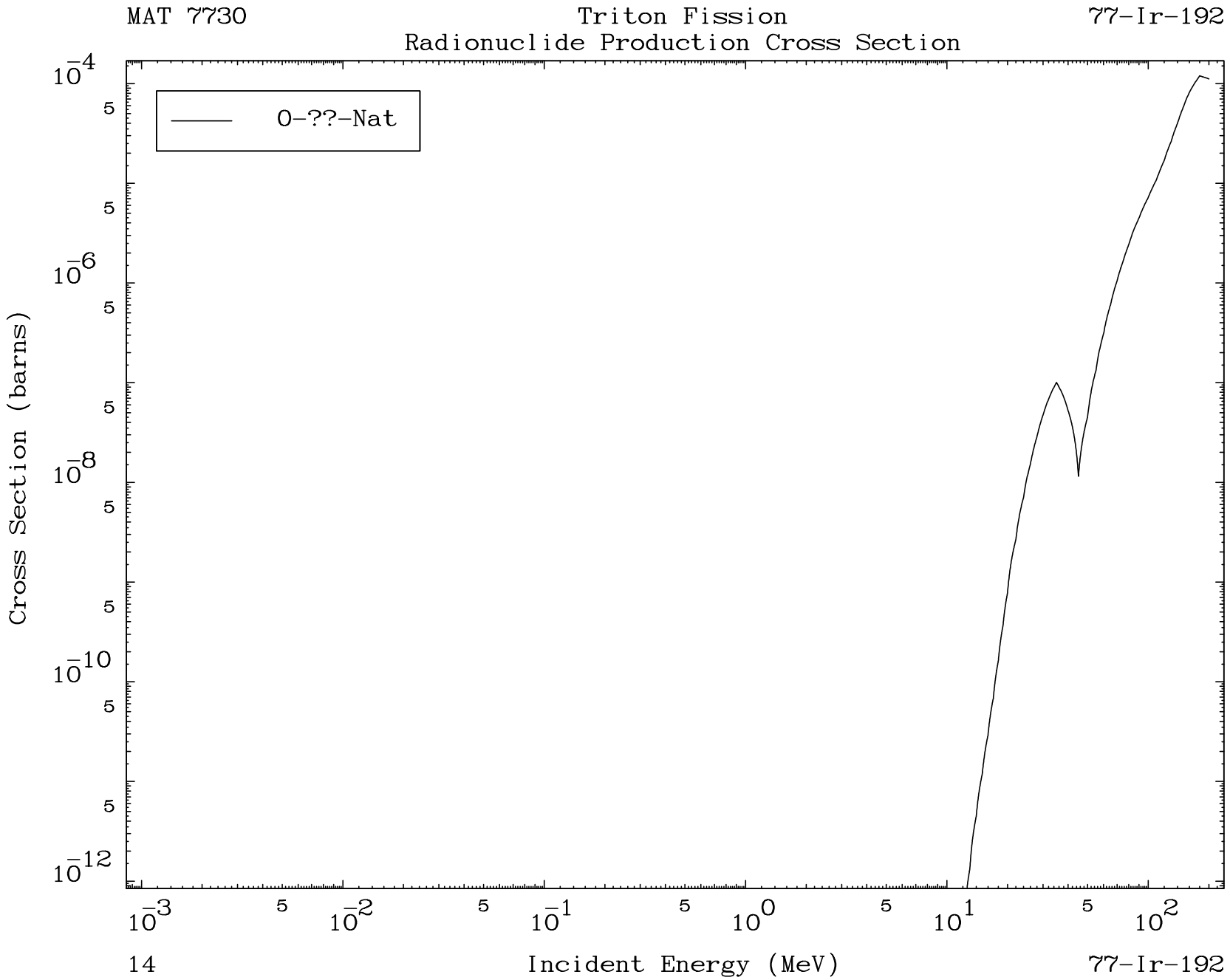
(t,t) Levels
77-Ir-192
0 Kelvin Cross Sections
(t,t)
Cross Section (barns)
Incident Energy (MeV)
9
77-Ir-192

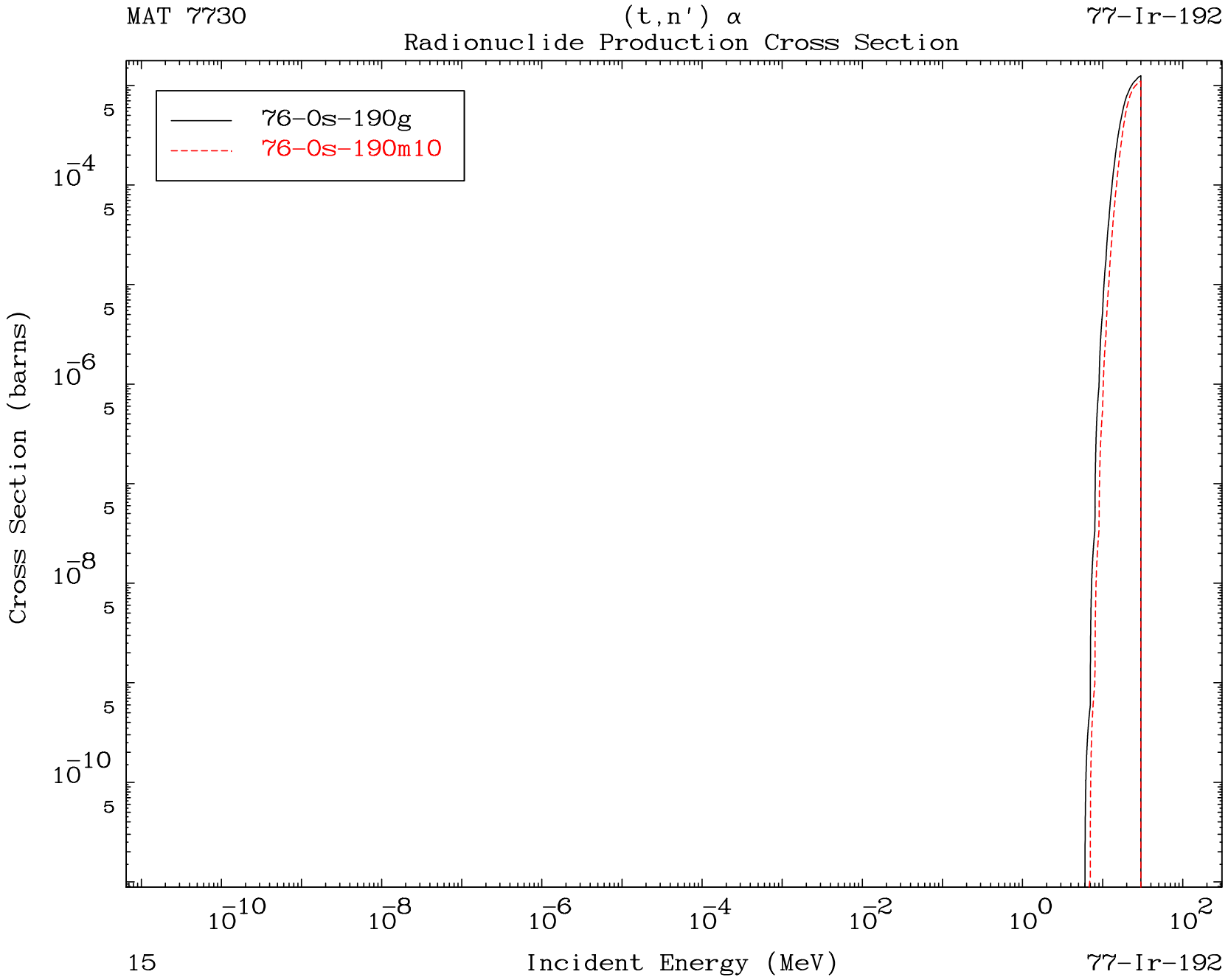

MAT 7730
(t,He3) Levels
77-Ir-192
0 Kelvin Cross Sections
(t,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
77-Ir-192

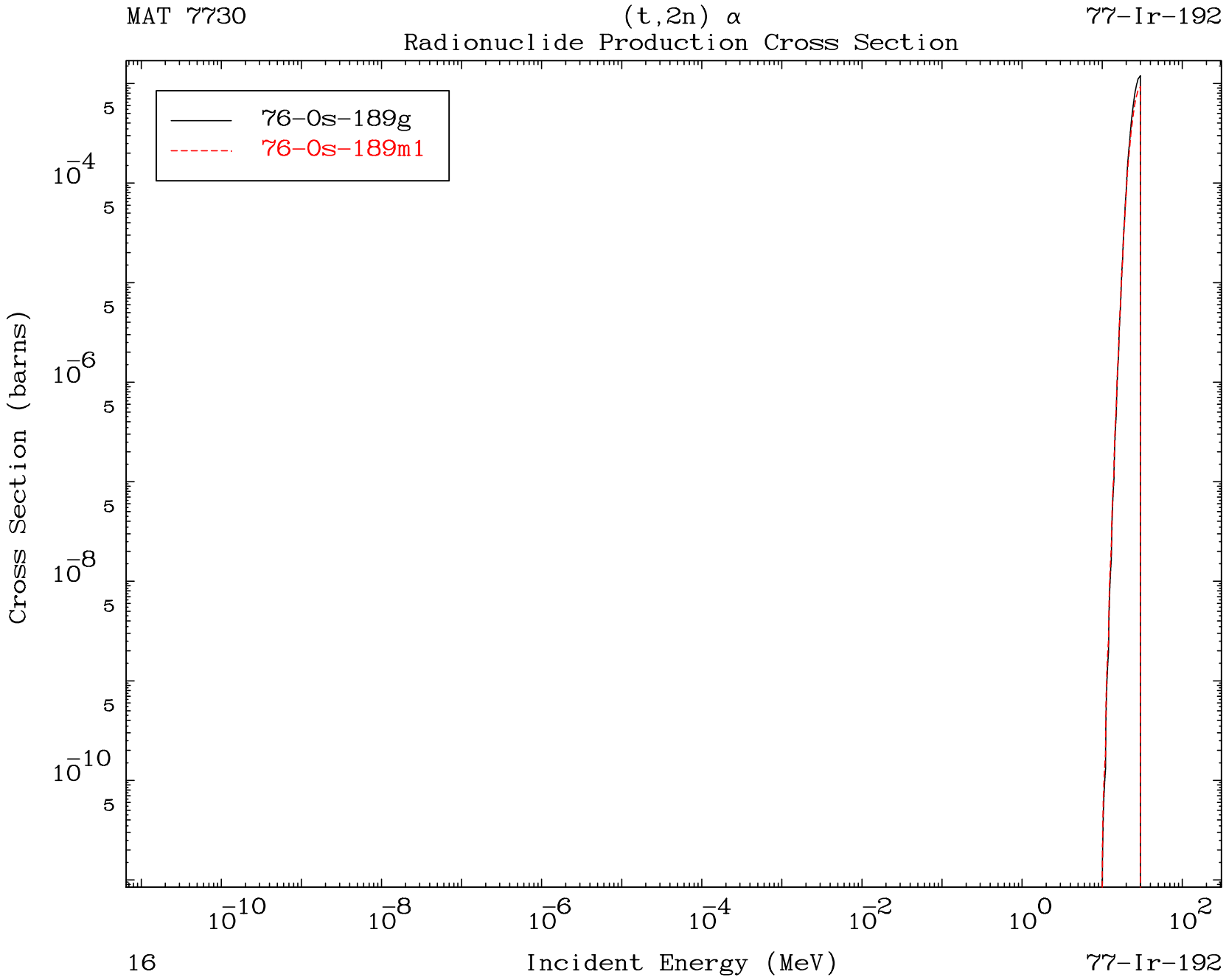

MAT 7730
(t,α) Levels
77-Ir-192
0 Kelvin Cross Sections
(t,α)
Cross Section (barns)
Incident Energy (MeV)
11
77-Ir-192

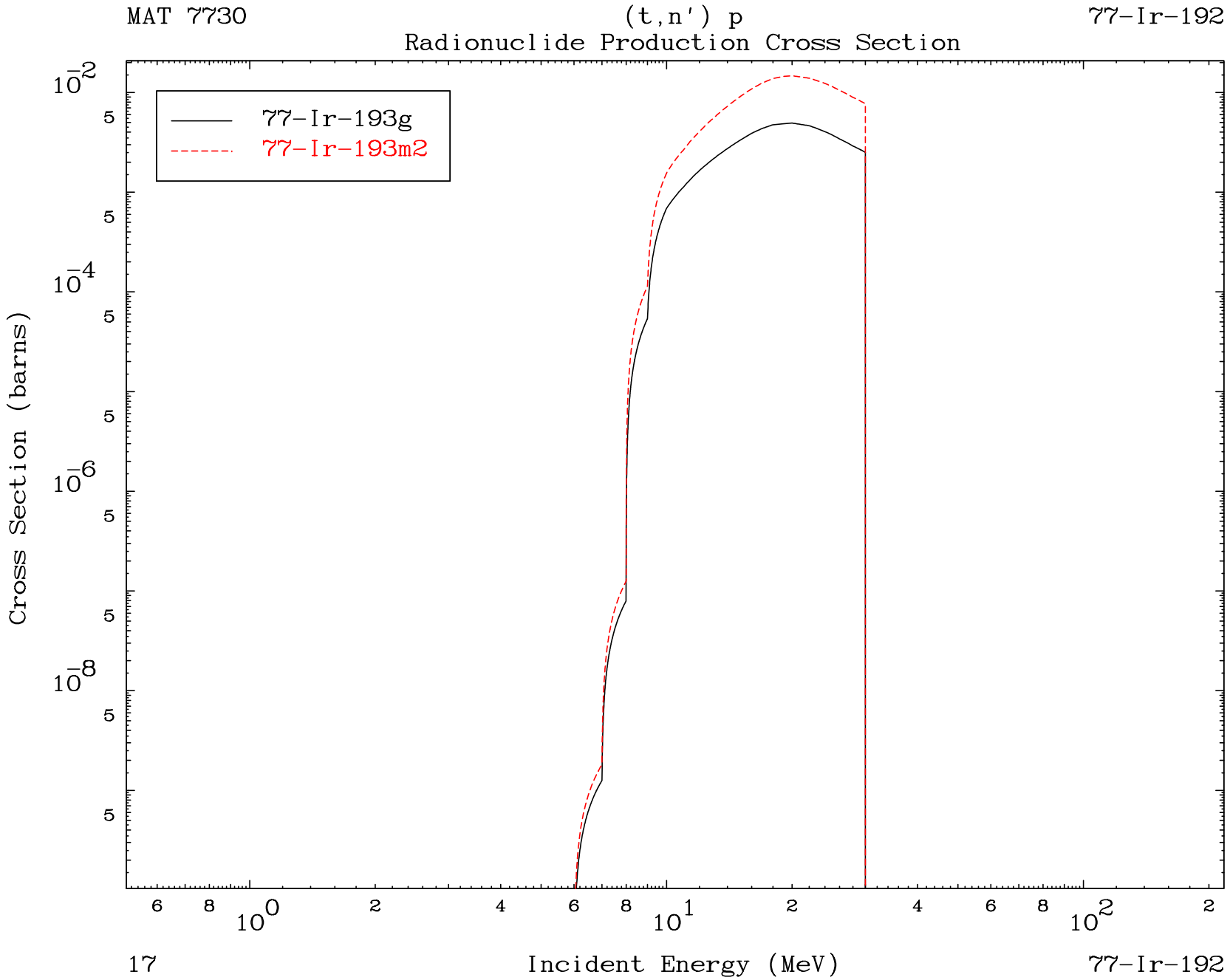

MAT 7730
(t,2n) d
77-Ir-192
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m10
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
77-Ir-192

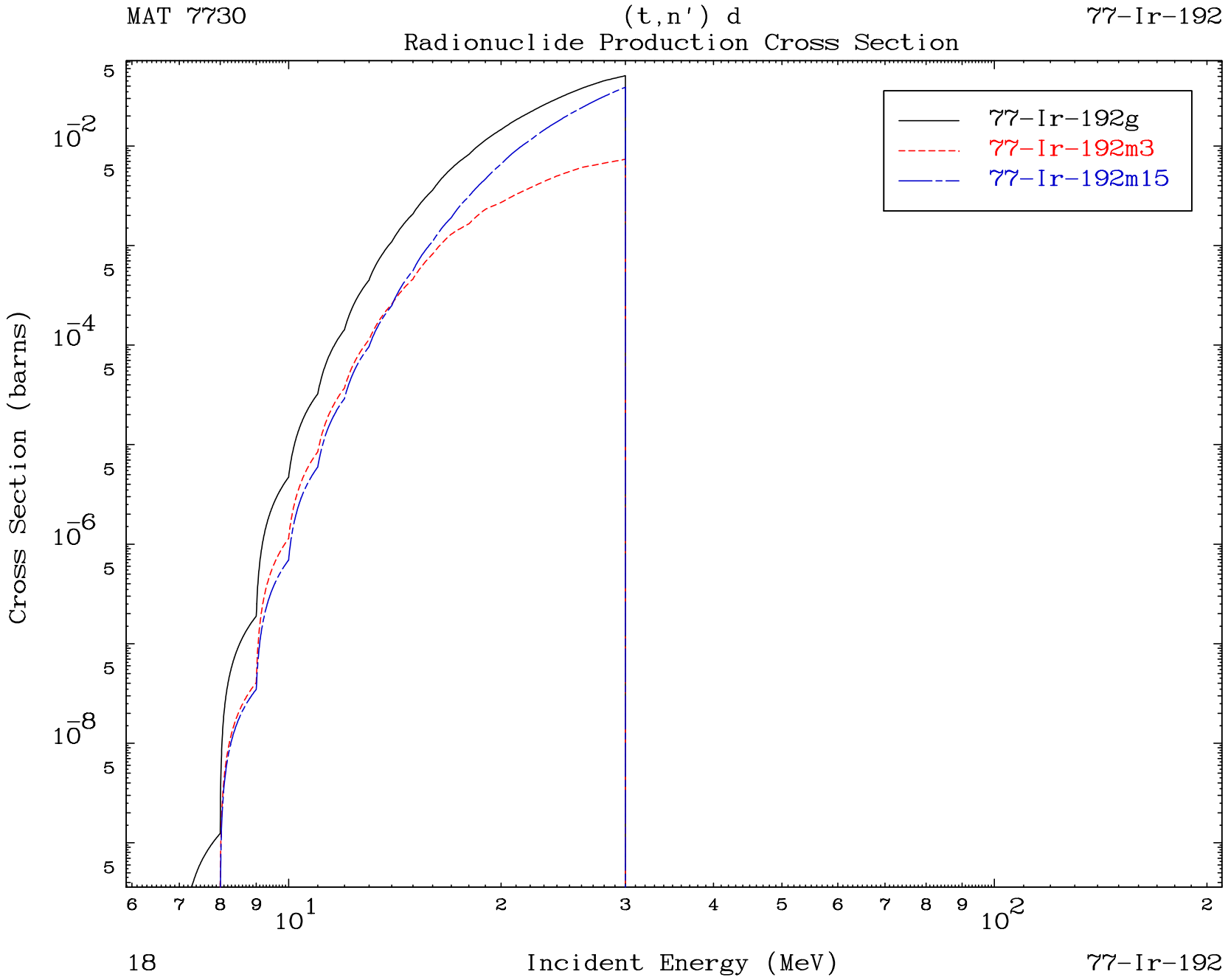

MAT 7730
(t,2n)
77-Ir-192
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
Incident Energy (MeV)
13
77-Ir-192

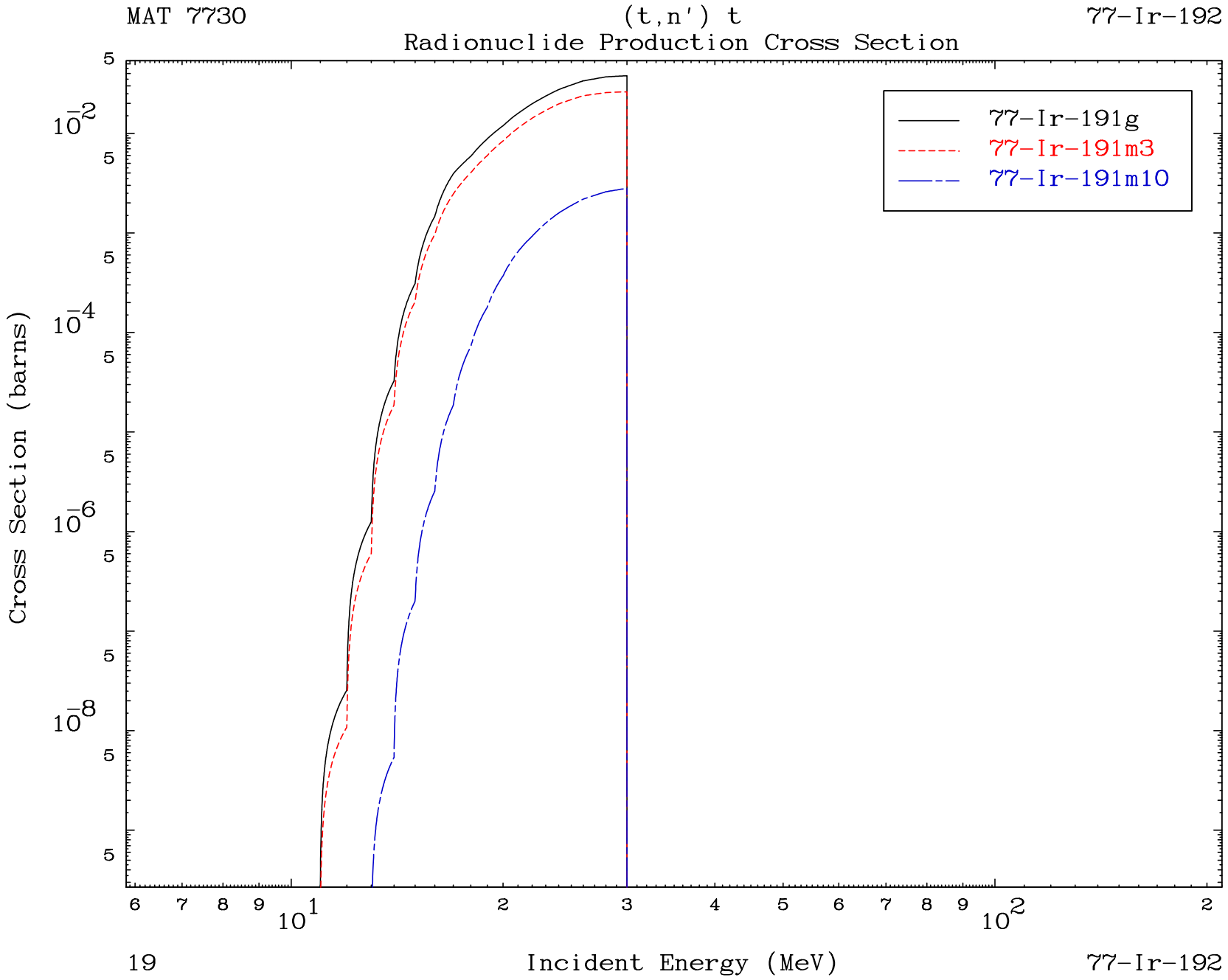

MAT 7730
Triton Fission
77-Ir-192
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
77-Ir-192

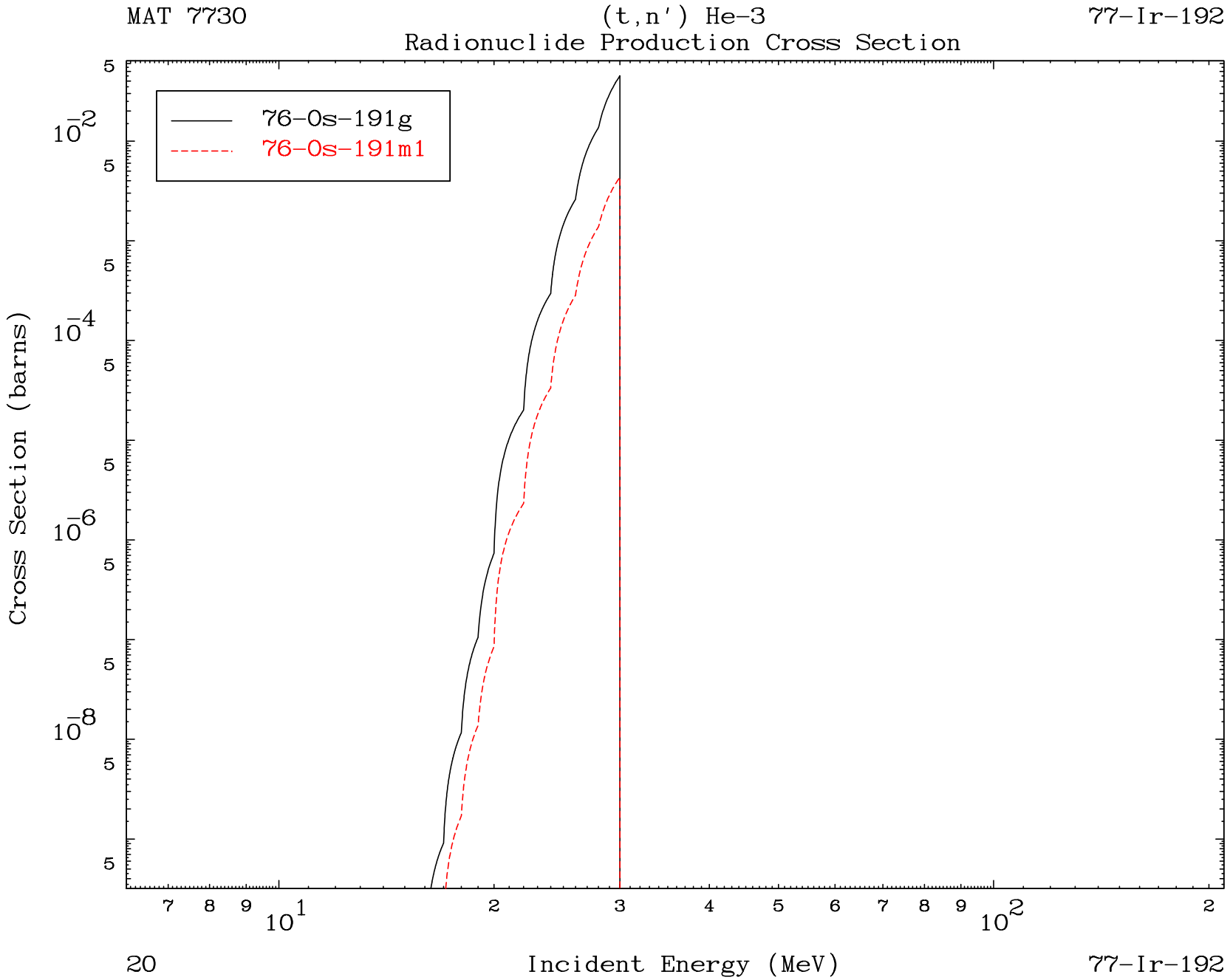

MAT 7730
(t,n') α
77-Ir-192
Radionuclide Production Cross Section
76-Os-190g
76-Os-190m10
Cross Section (barns)
Incident Energy (MeV)
15
77-Ir-192

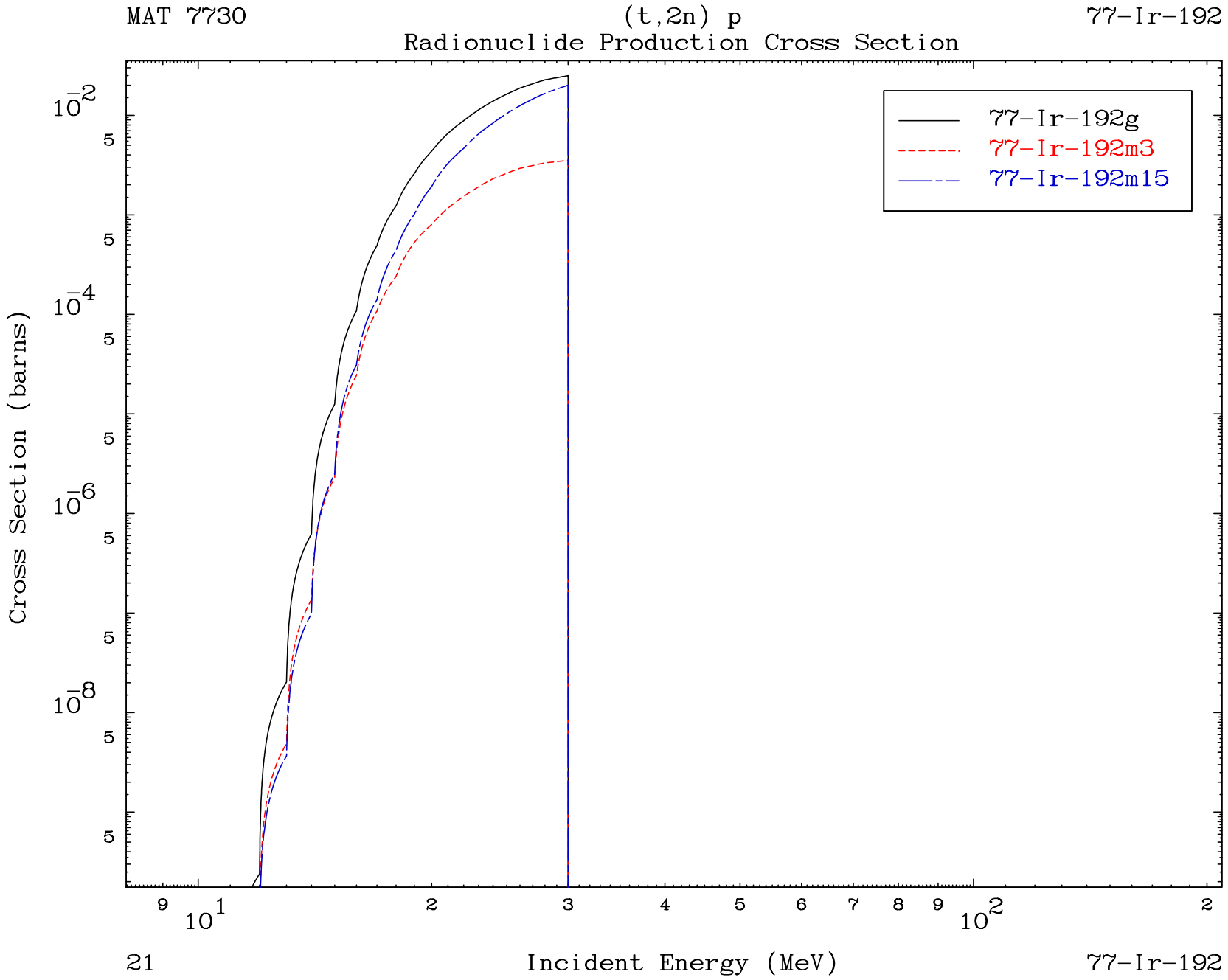

MAT 7730
(t,2n) α
77-Ir-192
Radionuclide Production Cross Section
76-Os-189g
76-Os-189m1
Cross Section (barns)
Incident Energy (MeV)
16
77-Ir-192

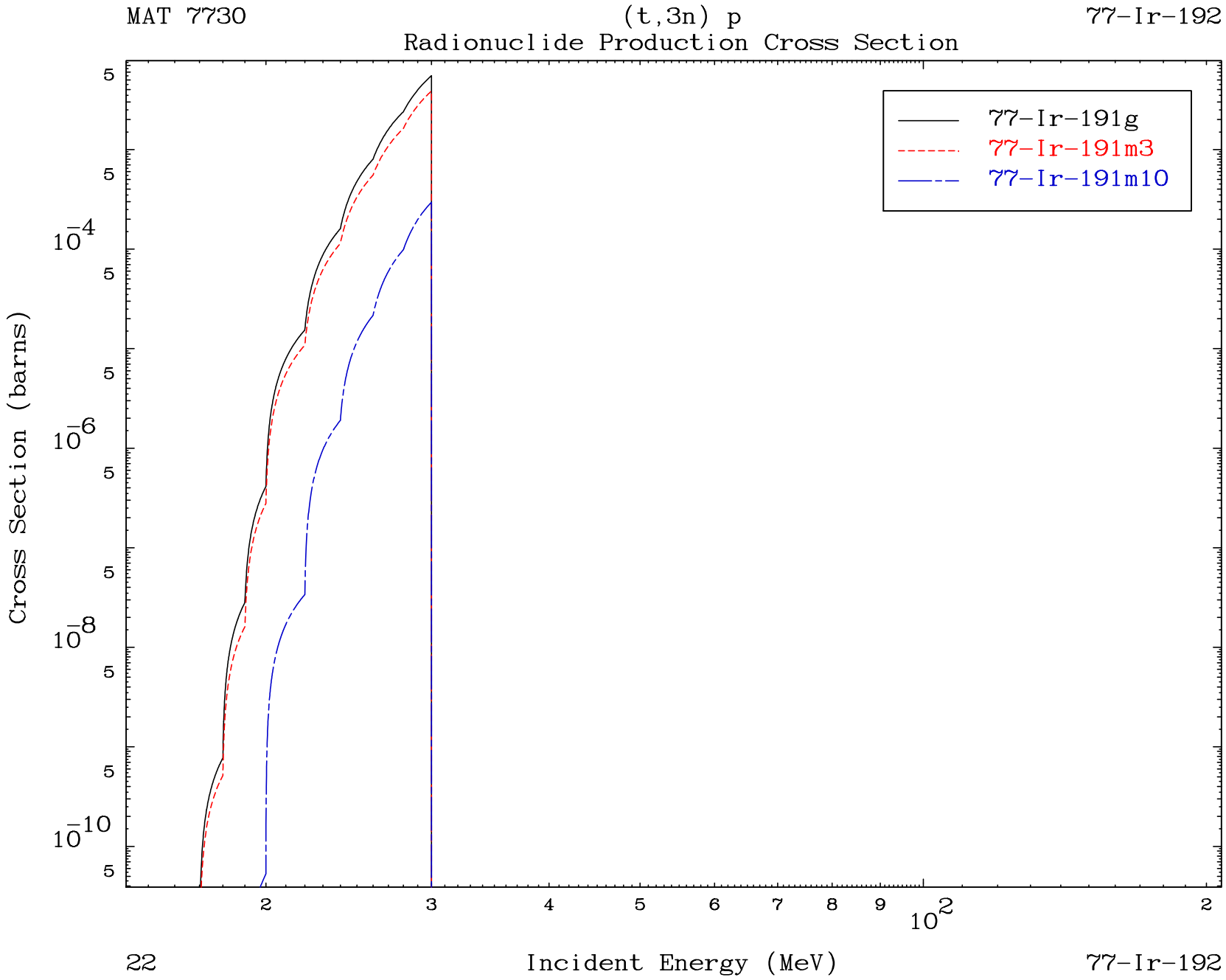

MAT 7730
(t,n') p
77-Ir-192
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
Incident Energy (MeV)
17
77-Ir-192

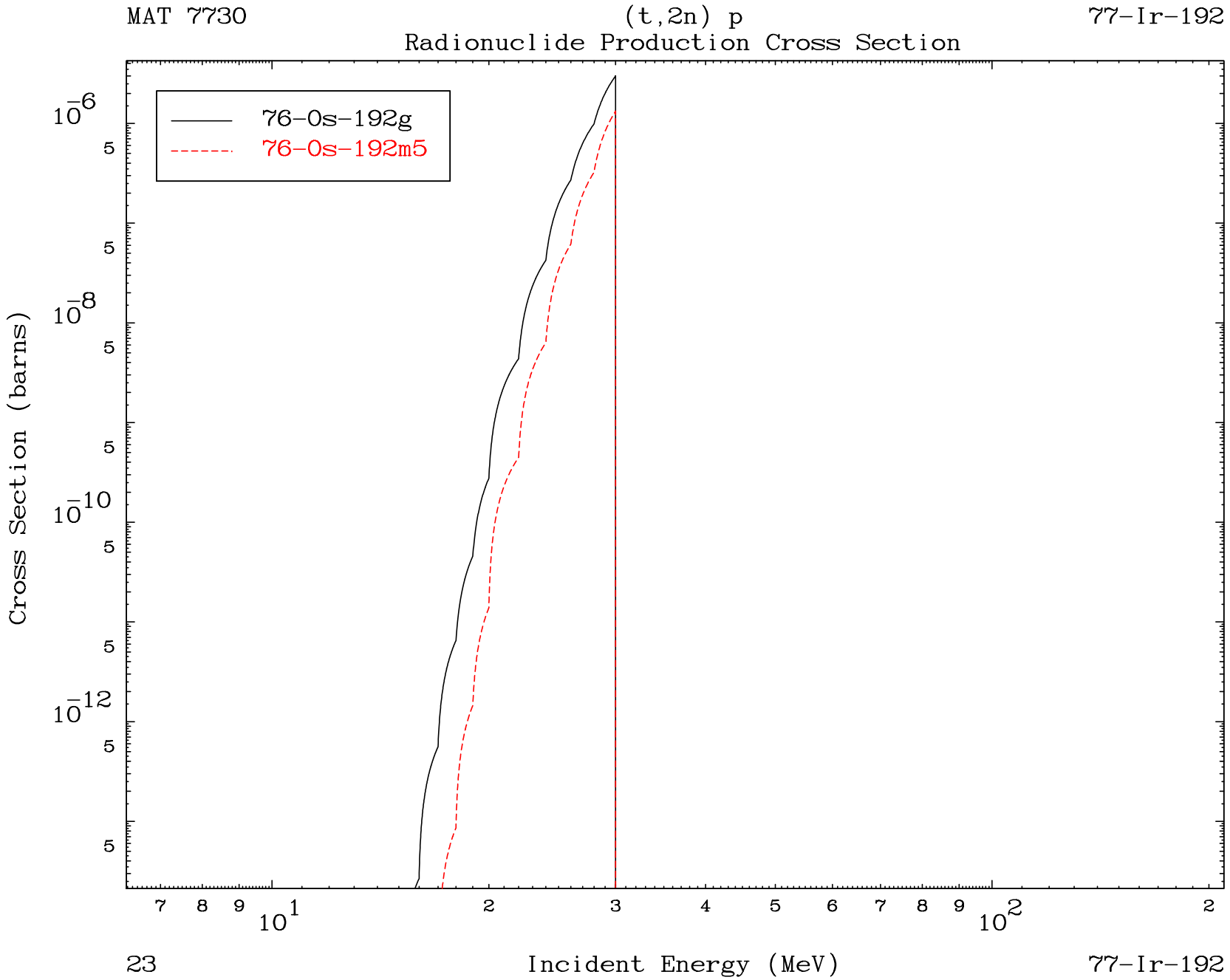

MAT 7730
(t,n') d
77-Ir-192
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m15
Cross Section (barns)
Incident Energy (MeV)
18
77-Ir-192

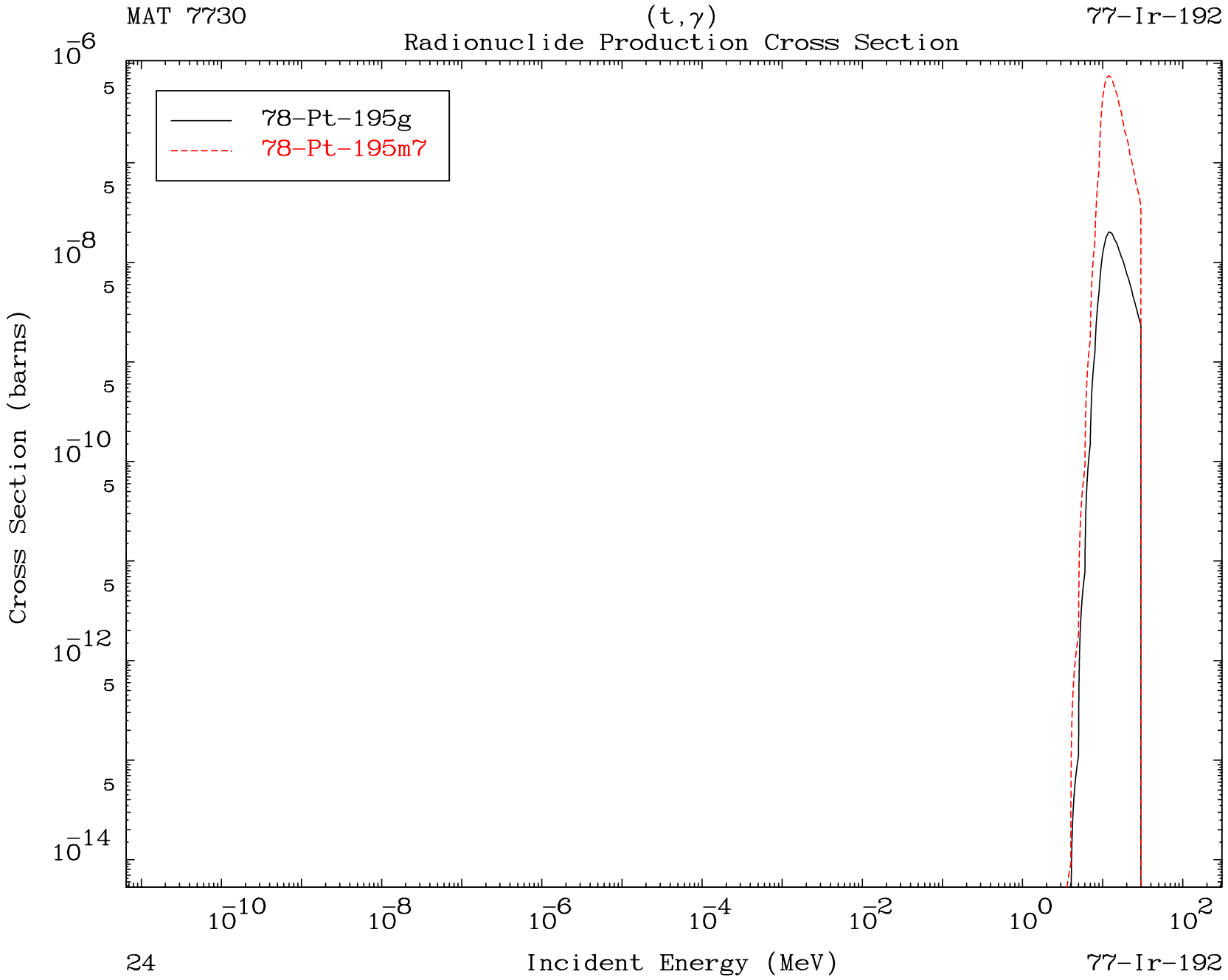

MAT 7730
(t,n') t
77-Ir-192
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m10
Cross Section (barns)
Incident Energy (MeV)
19
77-Ir-192

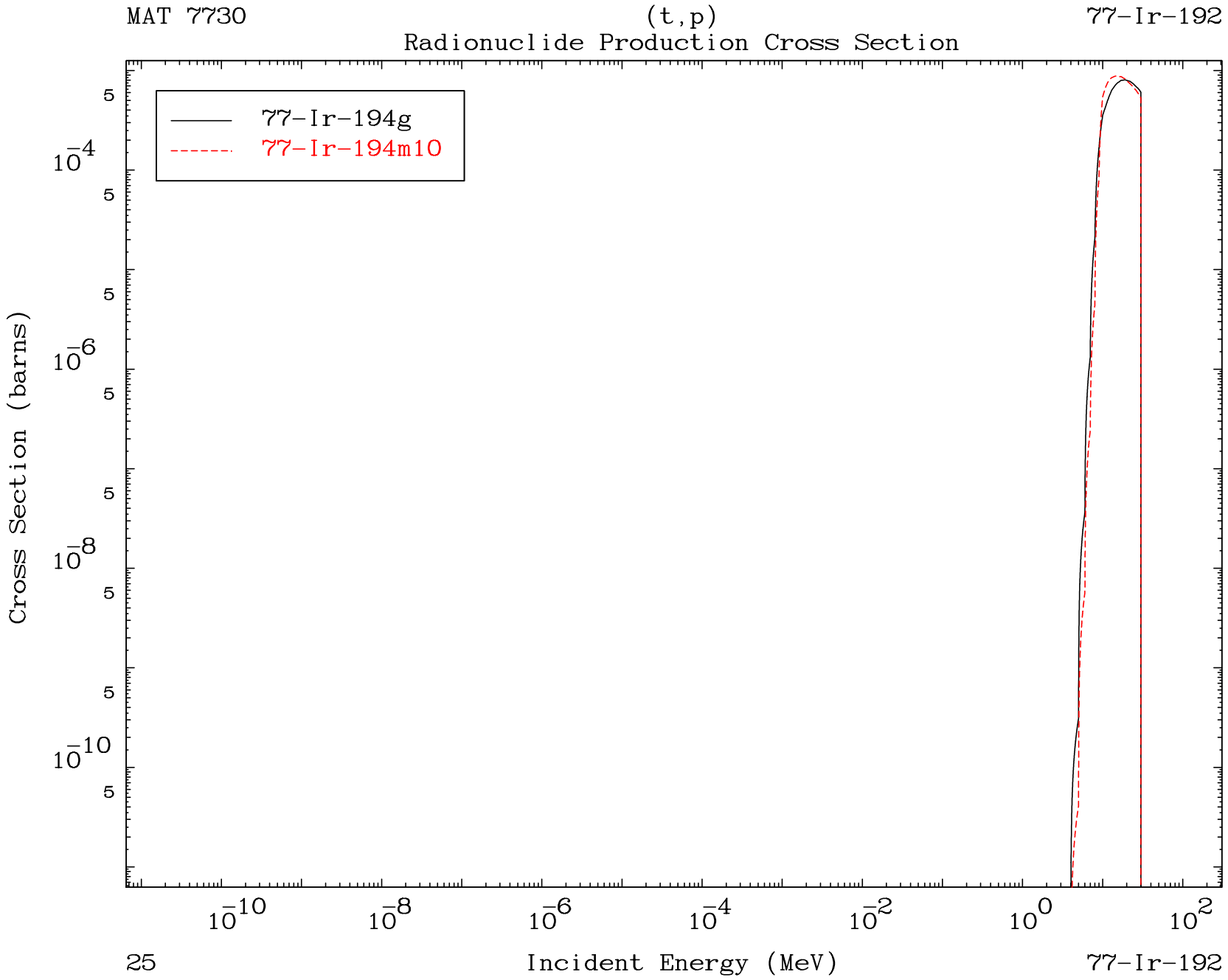

MAT 7730
(t,n') He-3
77-Ir-192
Radionuclide Production Cross Section
76-Os-191g
76-Os-191m1
Cross Section (barns)
Incident Energy (MeV)
20
77-Ir-192

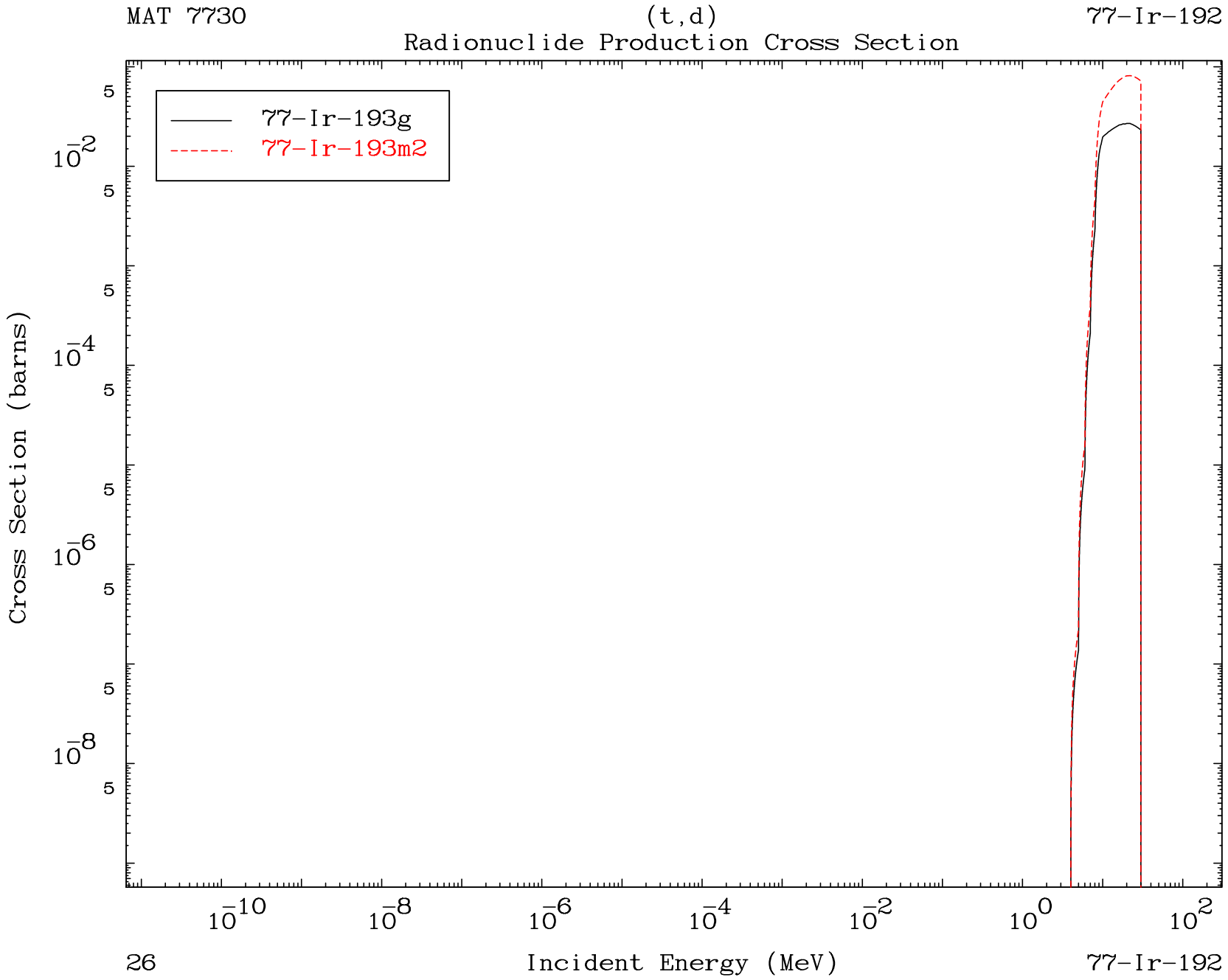

MAT 7730
(t,2n) p
77-Ir-192
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m15
Cross Section (barns)
Incident Energy (MeV)
21
77-Ir-192

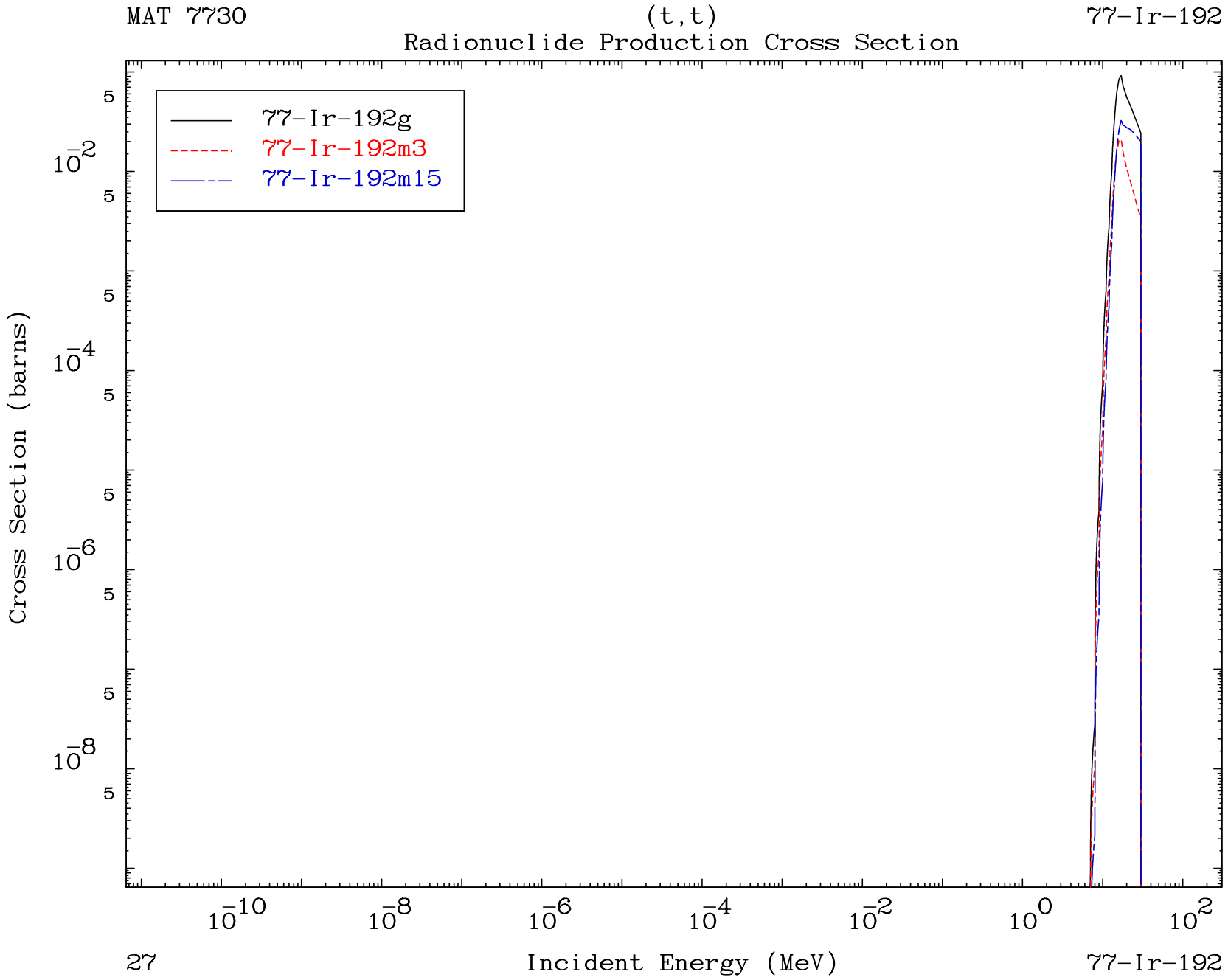

MAT 7730
(t,3n) p
77-Ir-192
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m10
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
22
77-Ir-192

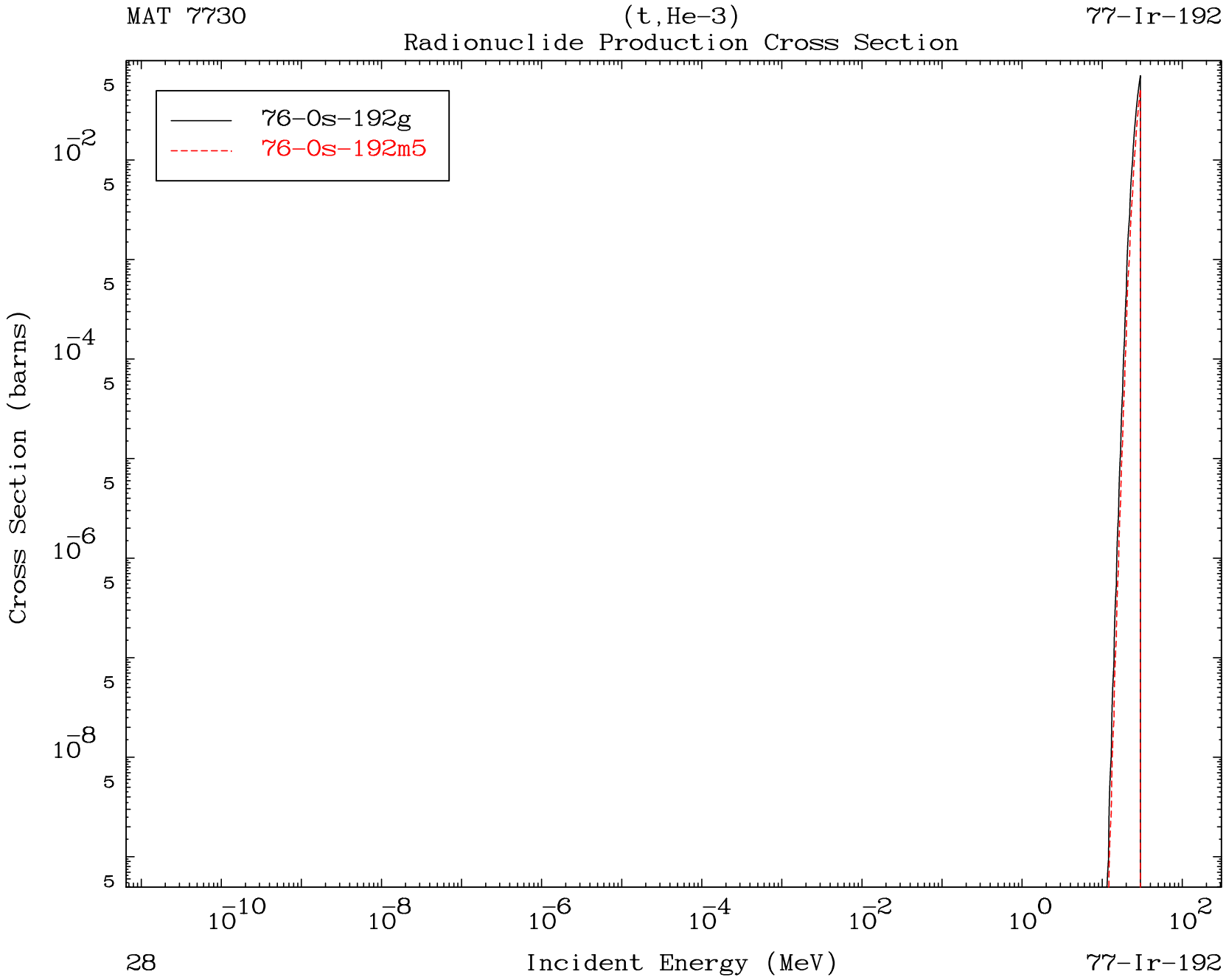

MAT 7730
(t,2n) p
77-Ir-192
Radionuclide Production Cross Section
76-Os-192g
76-Os-192m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
23
Incident Energy (MeV)
77-Ir-192

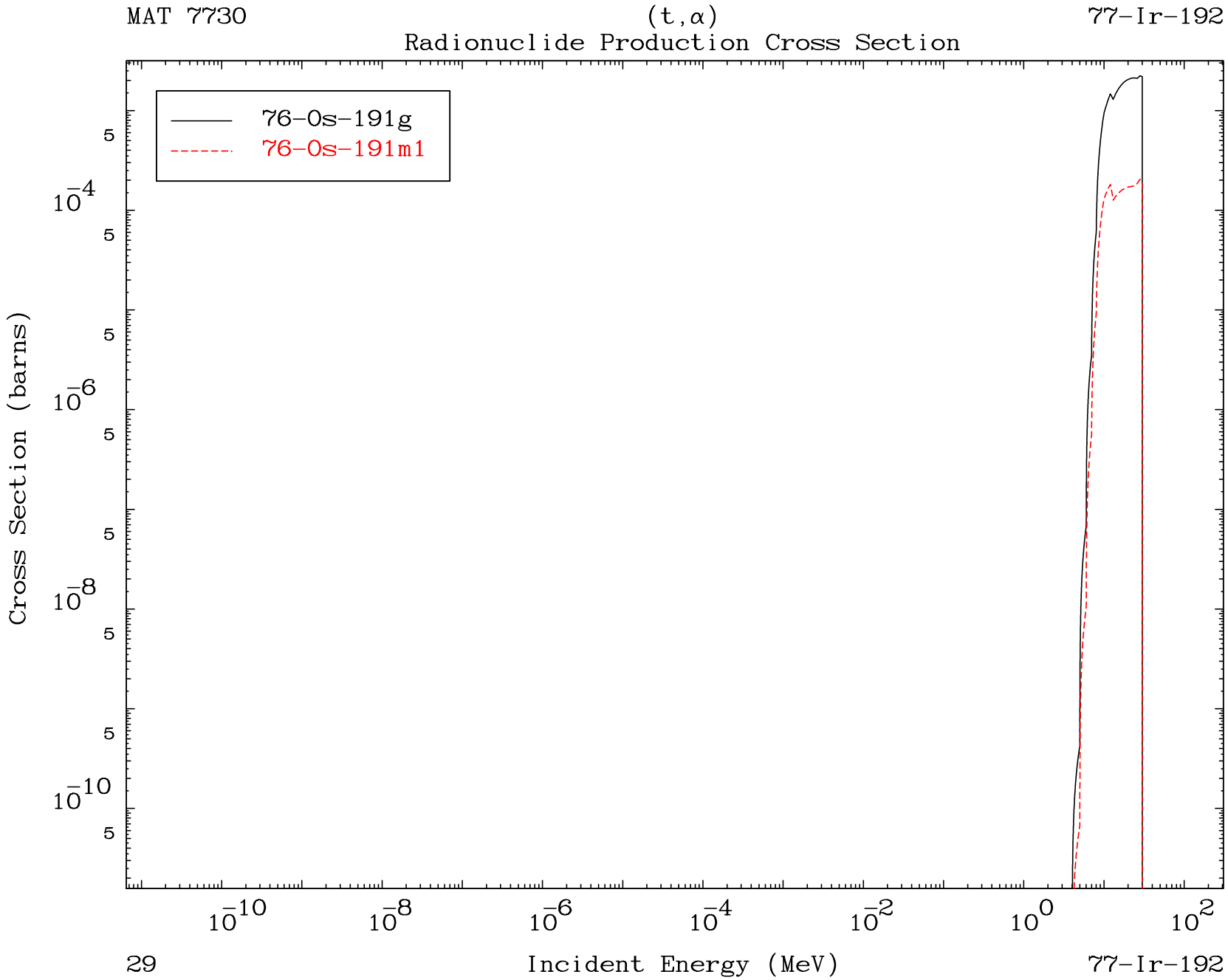

MAT 7730
(t,γ)
77-Ir-192
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
24
77-Ir-192

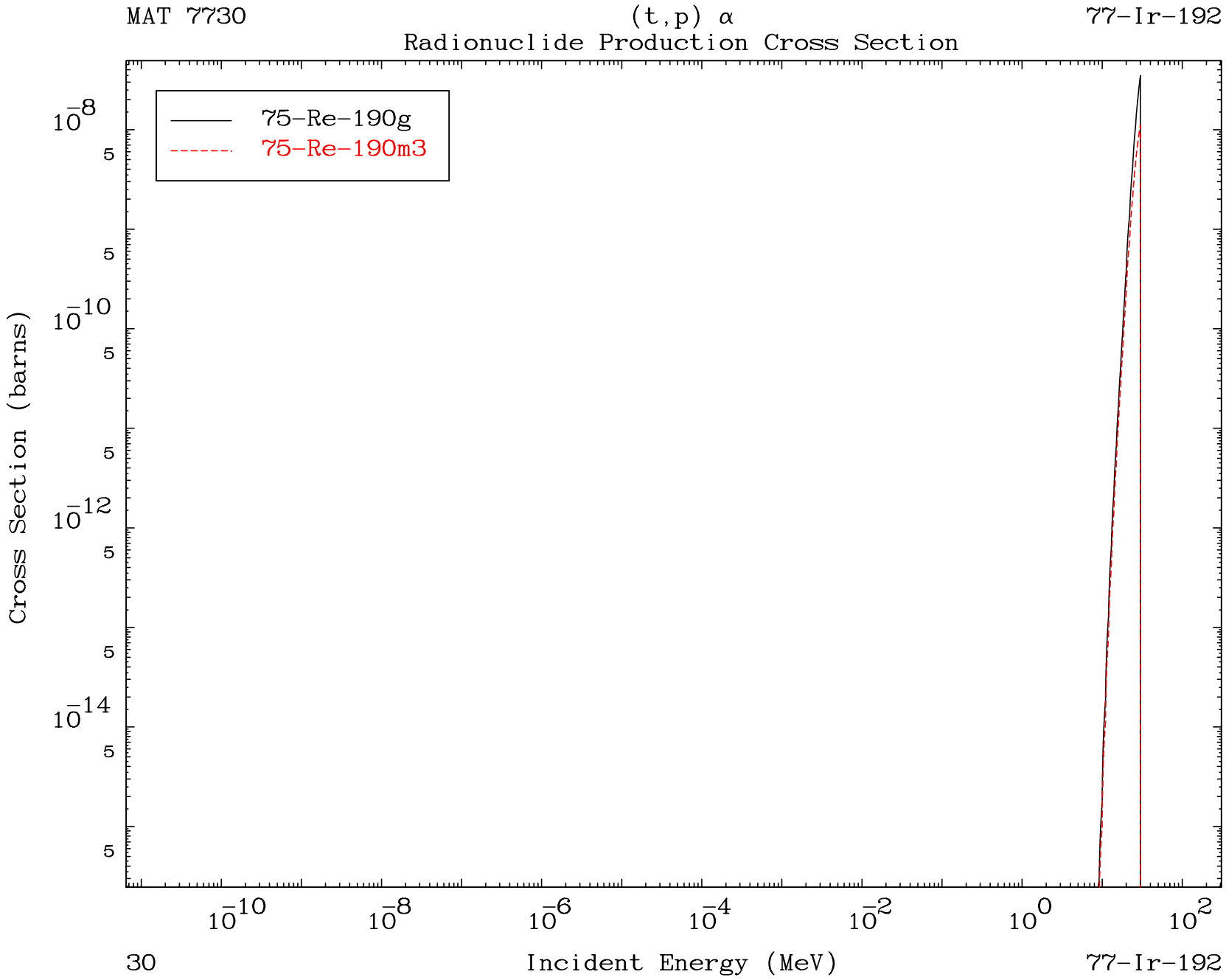

MAT 7730
(t,p)
77-Ir-192
Radionuclide Production Cross Section
77-Ir-194g
77-Ir-194m10
Cross Section (barns)
Incident Energy (MeV)
25
77-Ir-192

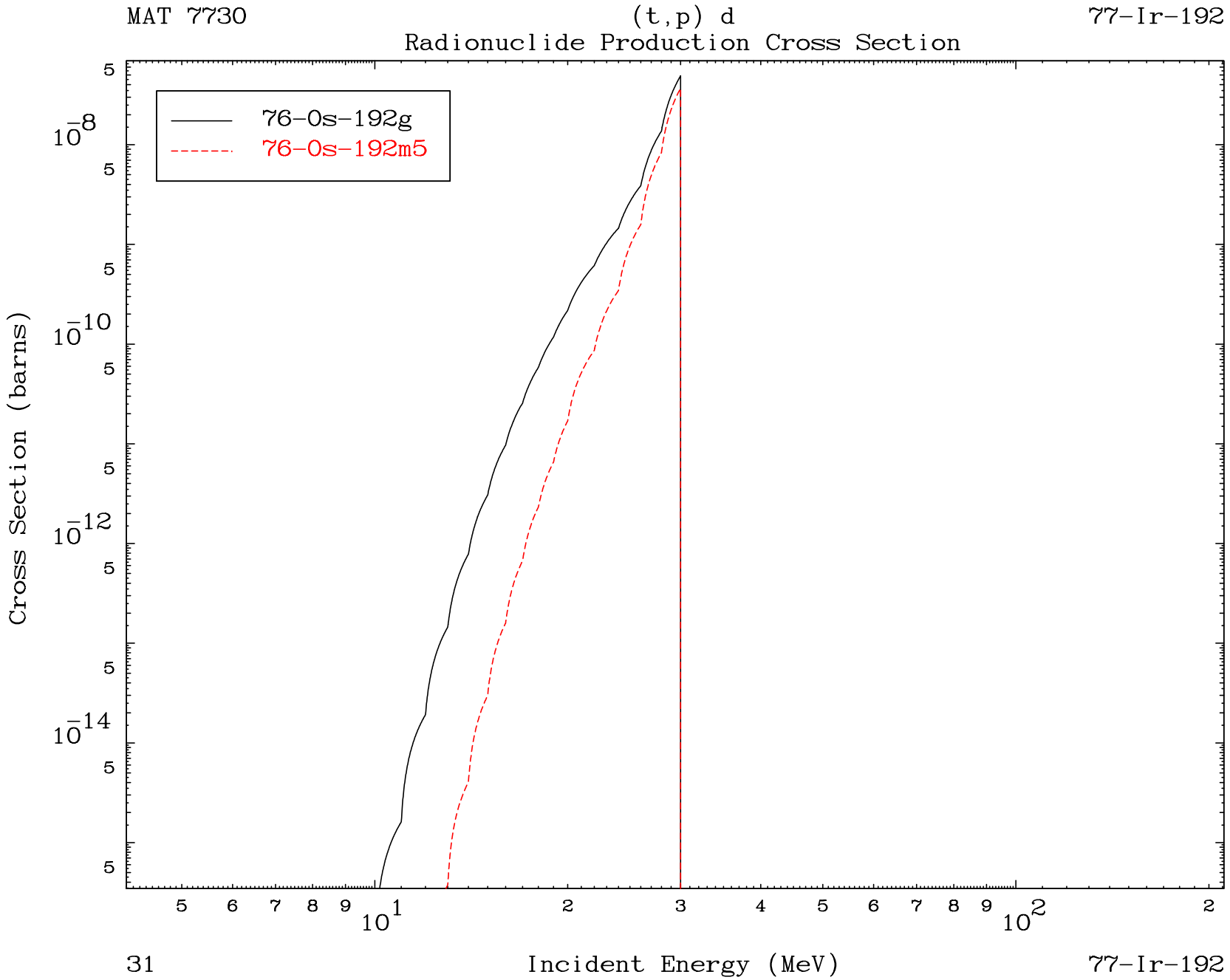

MAT 7730
(t,d)
77-Ir-192
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
Incident Energy (MeV)
26
77-Ir-192

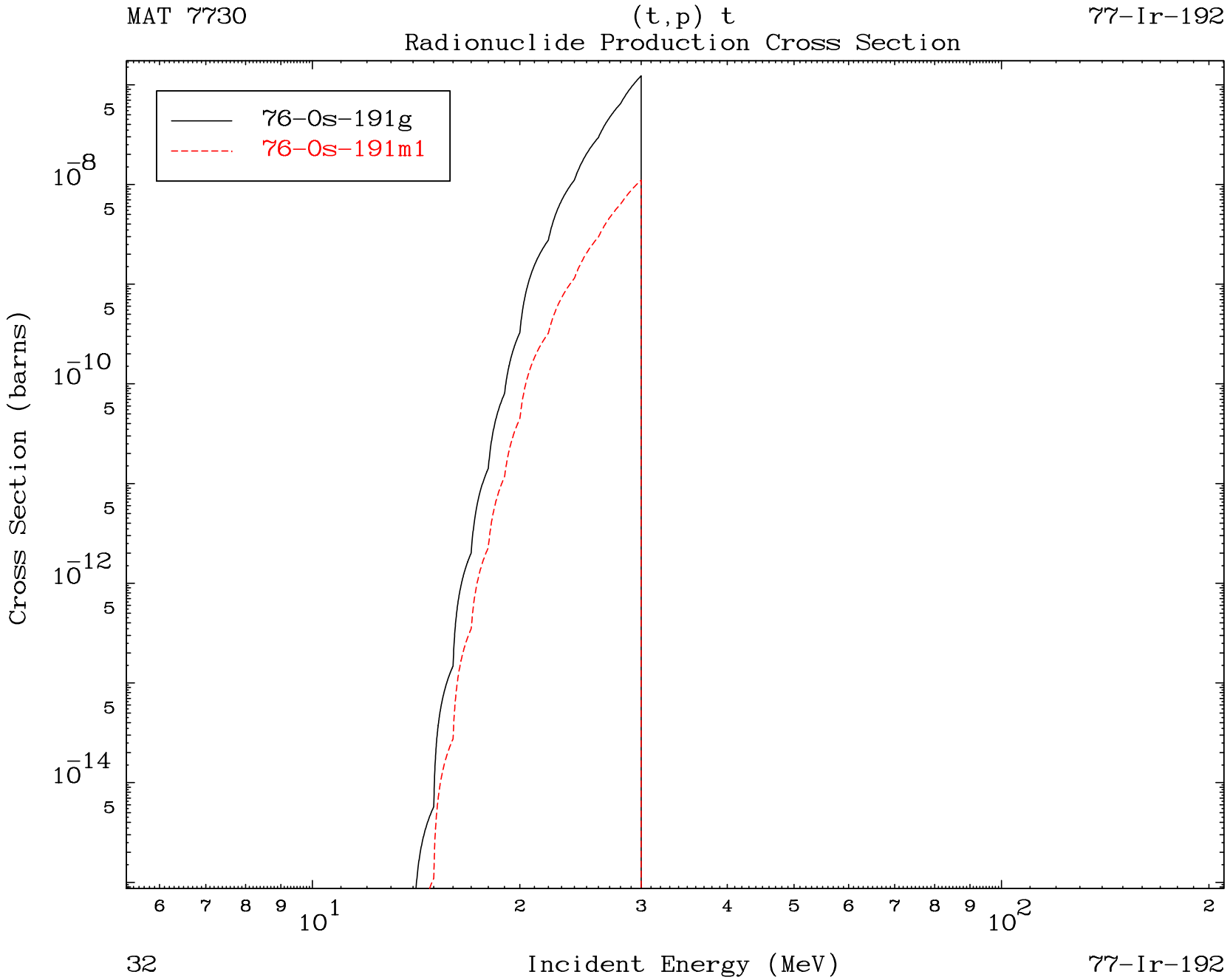

MAT 7730
(t,t)
77-Ir-192
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m15
Cross Section (barns)
Incident Energy (MeV)
27
77-Ir-192


MAT 7730
(t,He-3)
77-Ir-192
Radionuclide Production Cross Section
76-Os-192g
76-Os-192m5
Cross Section (barns)
Incident Energy (MeV)
28
77-Ir-192


MAT 7730
(t,α)
77-Ir-192
Radionuclide Production Cross Section
76-Os-191g
76-Os-191m1
Cross Section (barns)
Incident Energy (MeV)
29
77-Ir-192


MAT 7730
(t,p) α
77-Ir-192
Radionuclide Production Cross Section
75-Re-190g
75-Re-190m3
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
30
Incident Energy (MeV)
77-Ir-192


MAT 7730
(t,p) d
77-Ir-192
Radionuclide Production Cross Section
76-Os-192g
76-Os-192m5
Cross Section (barns)
Incident Energy (MeV)
31
77-Ir-192


MAT 7730
(t,p) t
77-Ir-192
Radionuclide Production Cross Section
76-Os-191g
76-Os-191m1
Cross Section (barns)
Incident Energy (MeV)
32
77-Ir-192