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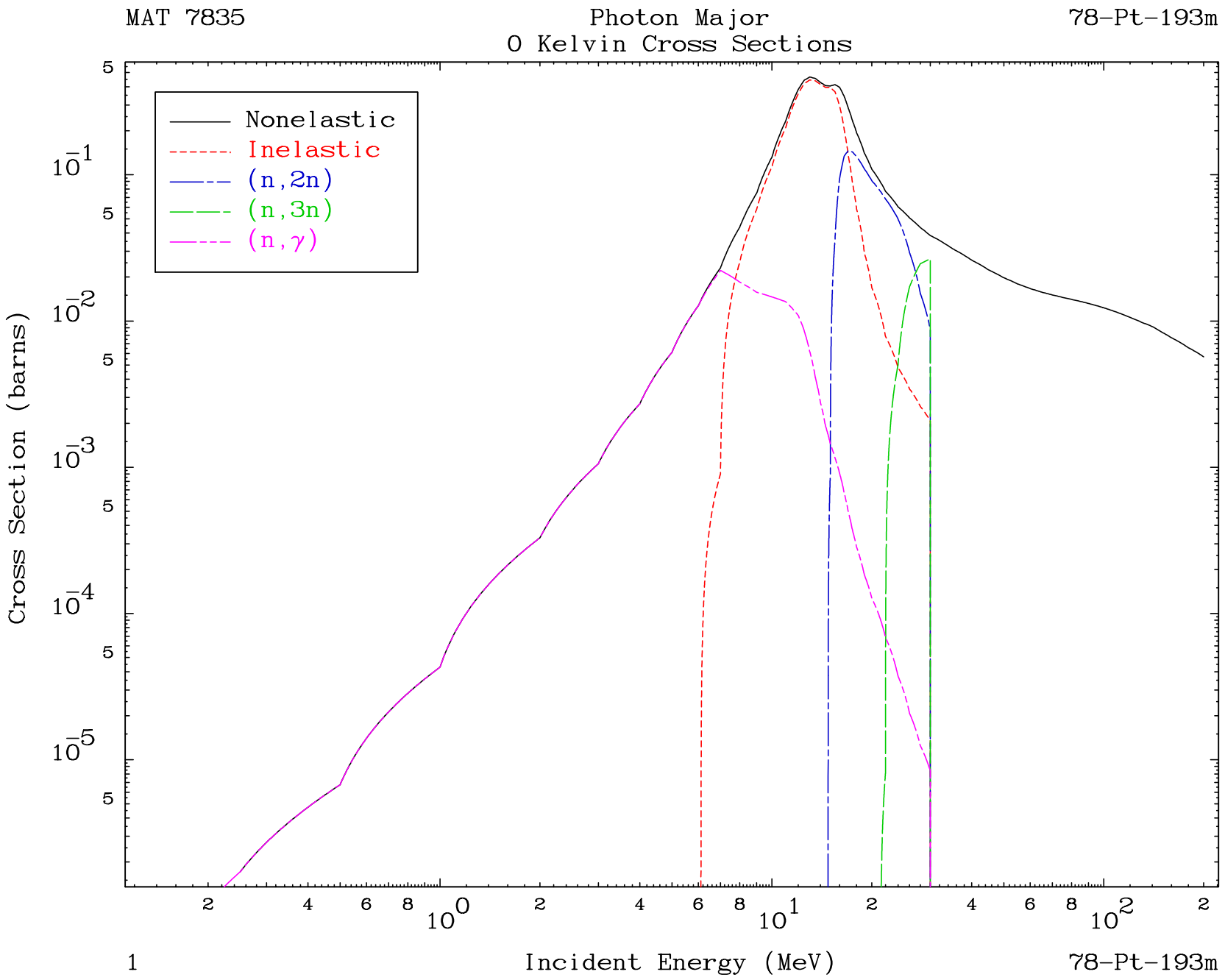
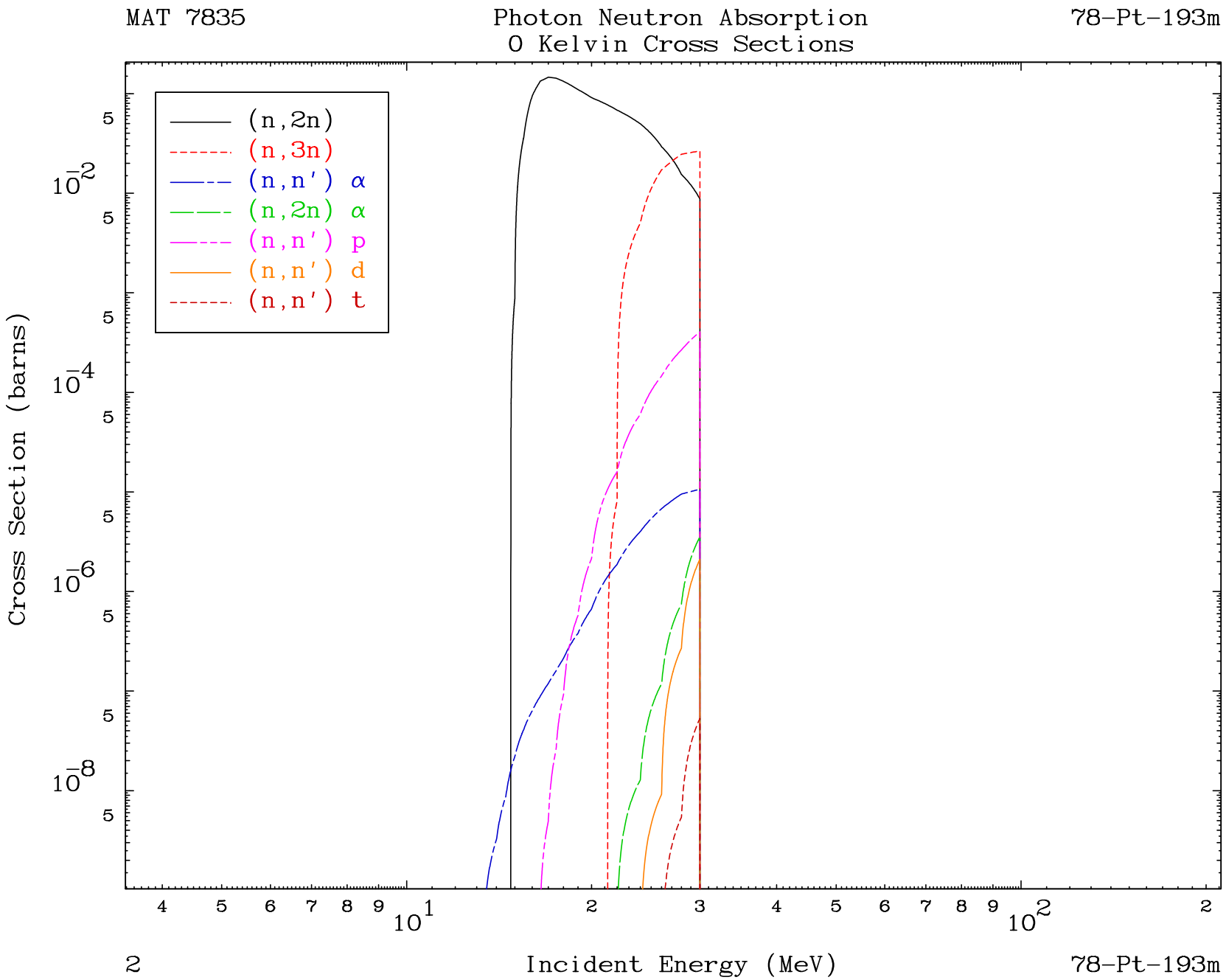
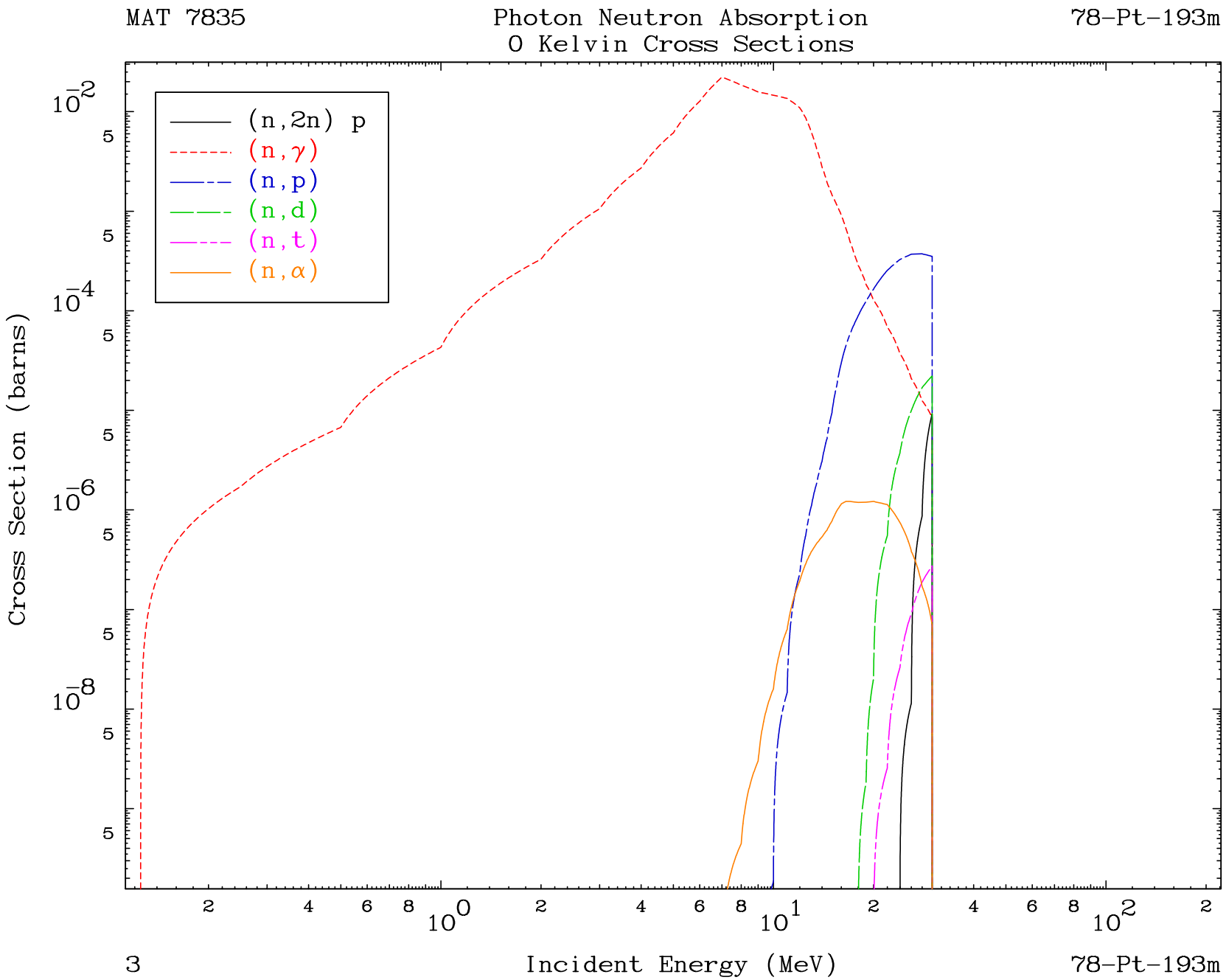
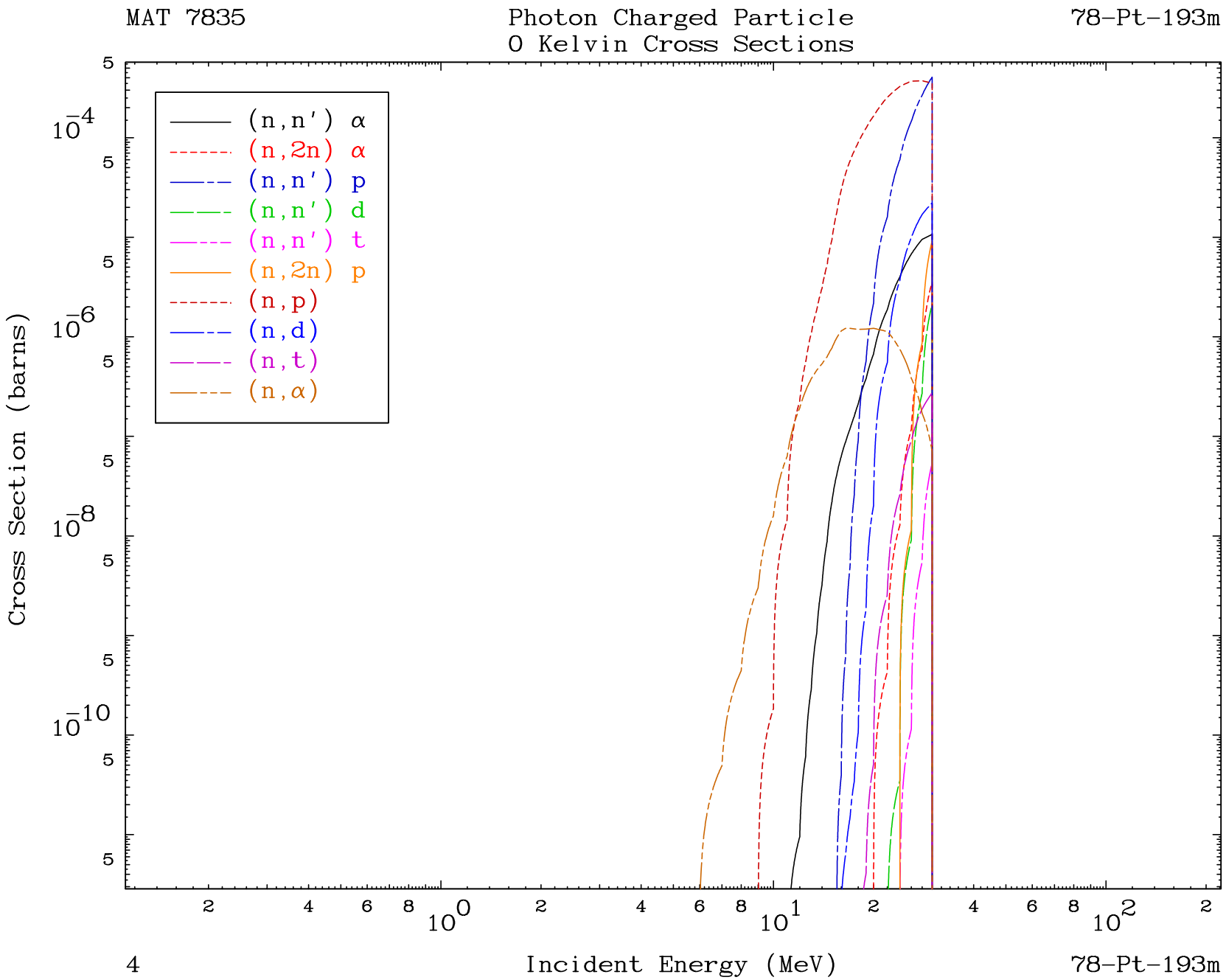
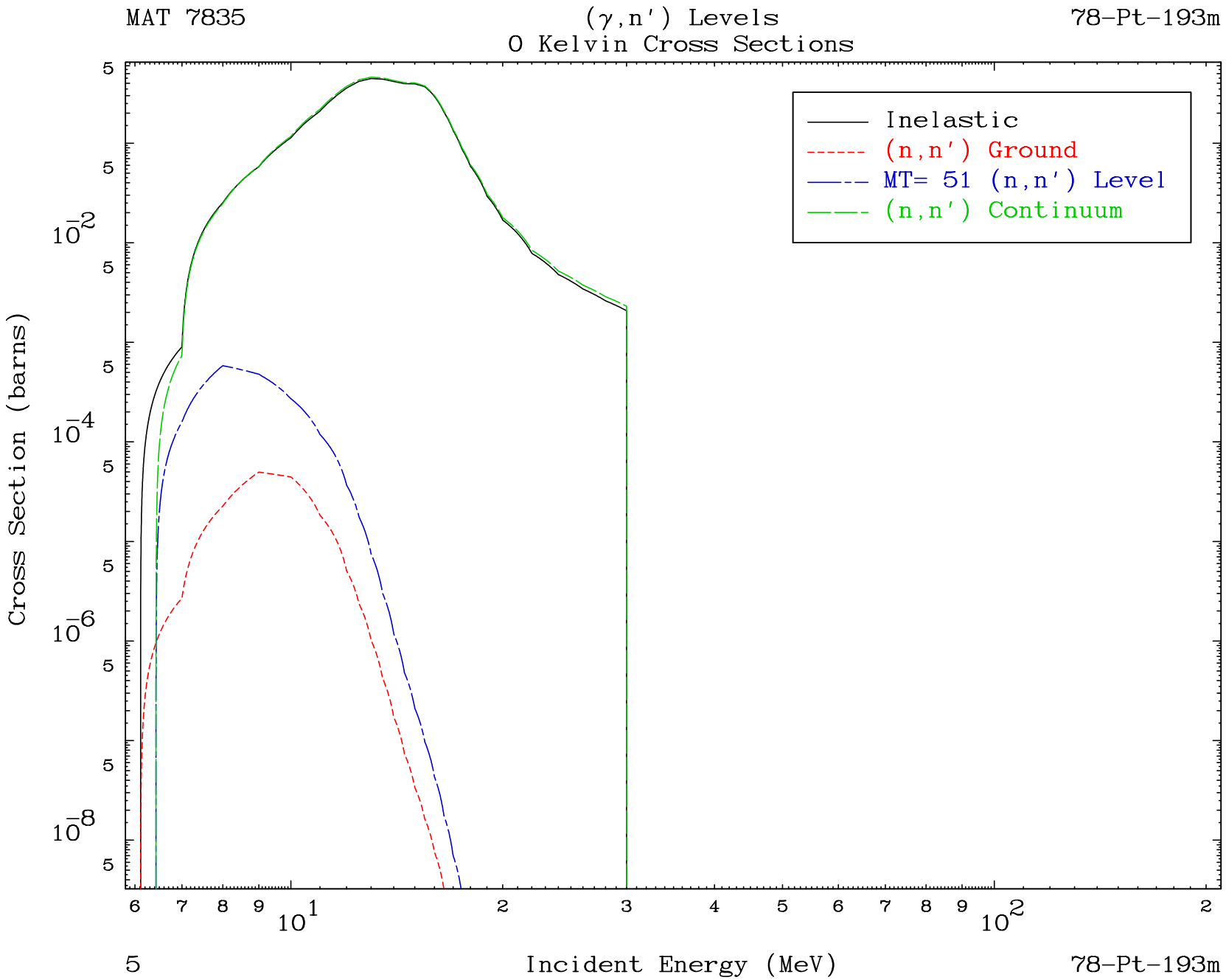
Press Mouse Button to Start

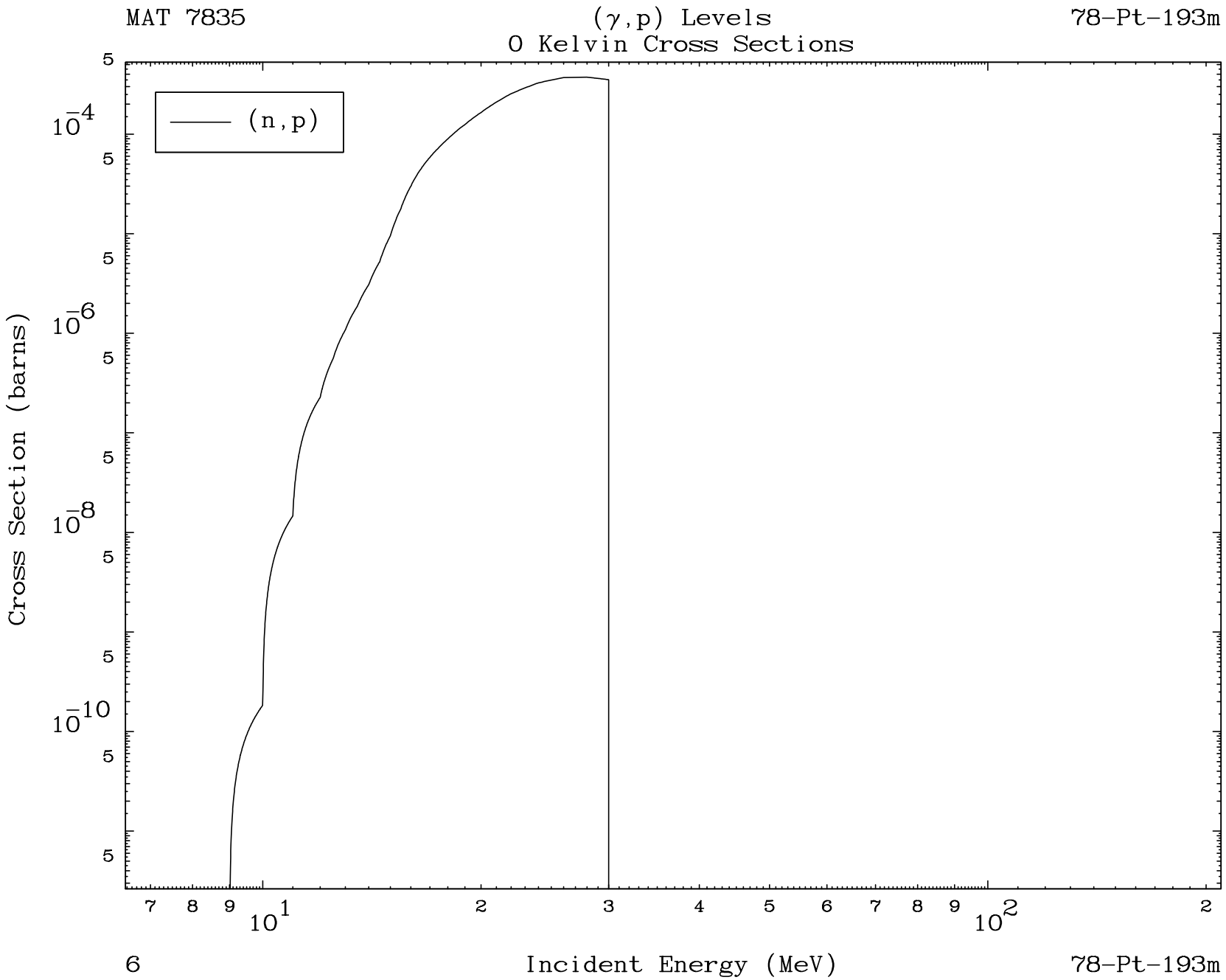

MAT 7835
Photon Major
78-Pt-193m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-193m

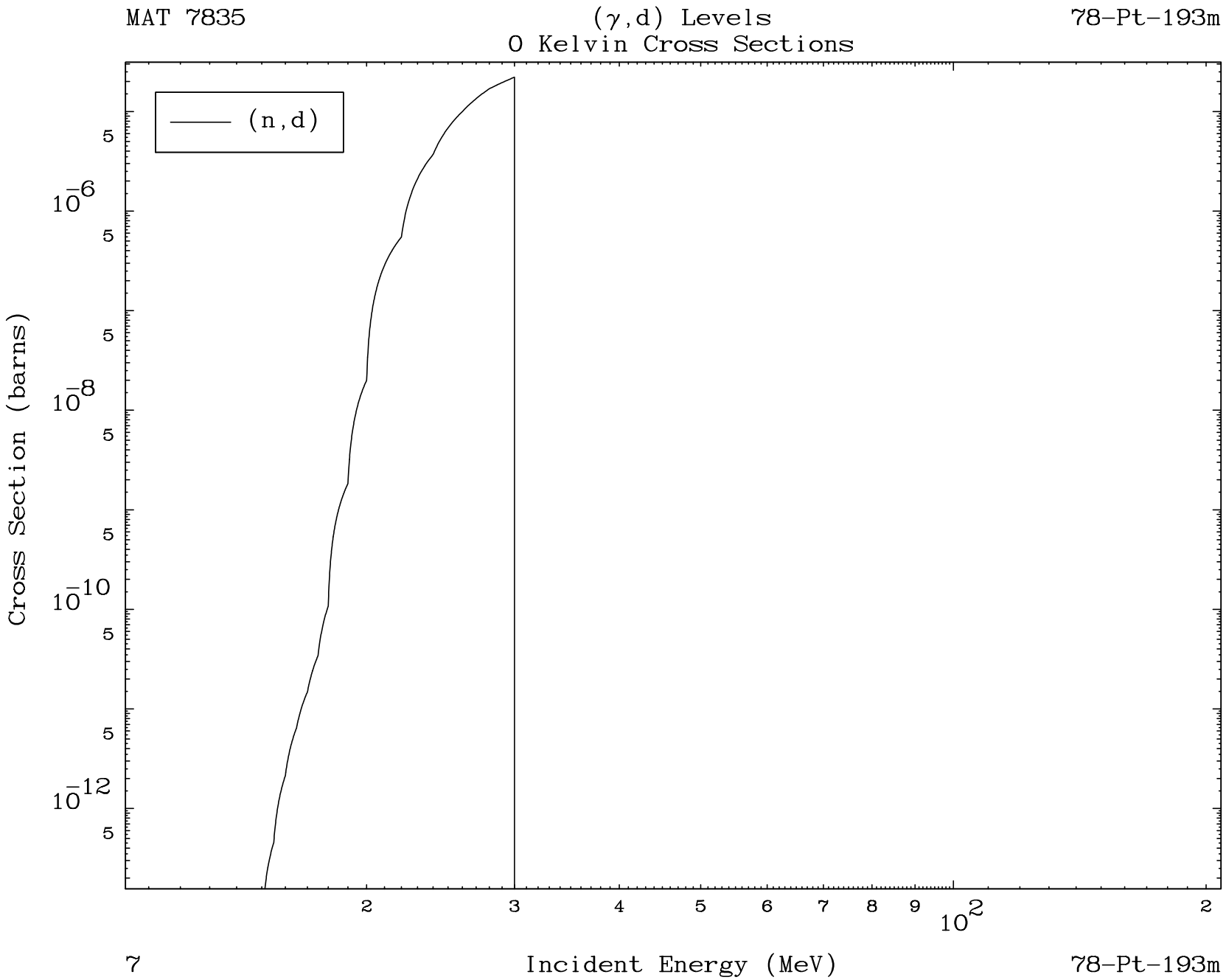

MAT 7835
Photon Neutron Absorption
0 Kelvin Cross Sections
78-Pt-193m
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
78-Pt-193m
2


MAT 7835
Photon Neutron Absorption
0 Kelvin Cross Sections
78-Pt-193m
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
78-Pt-193m

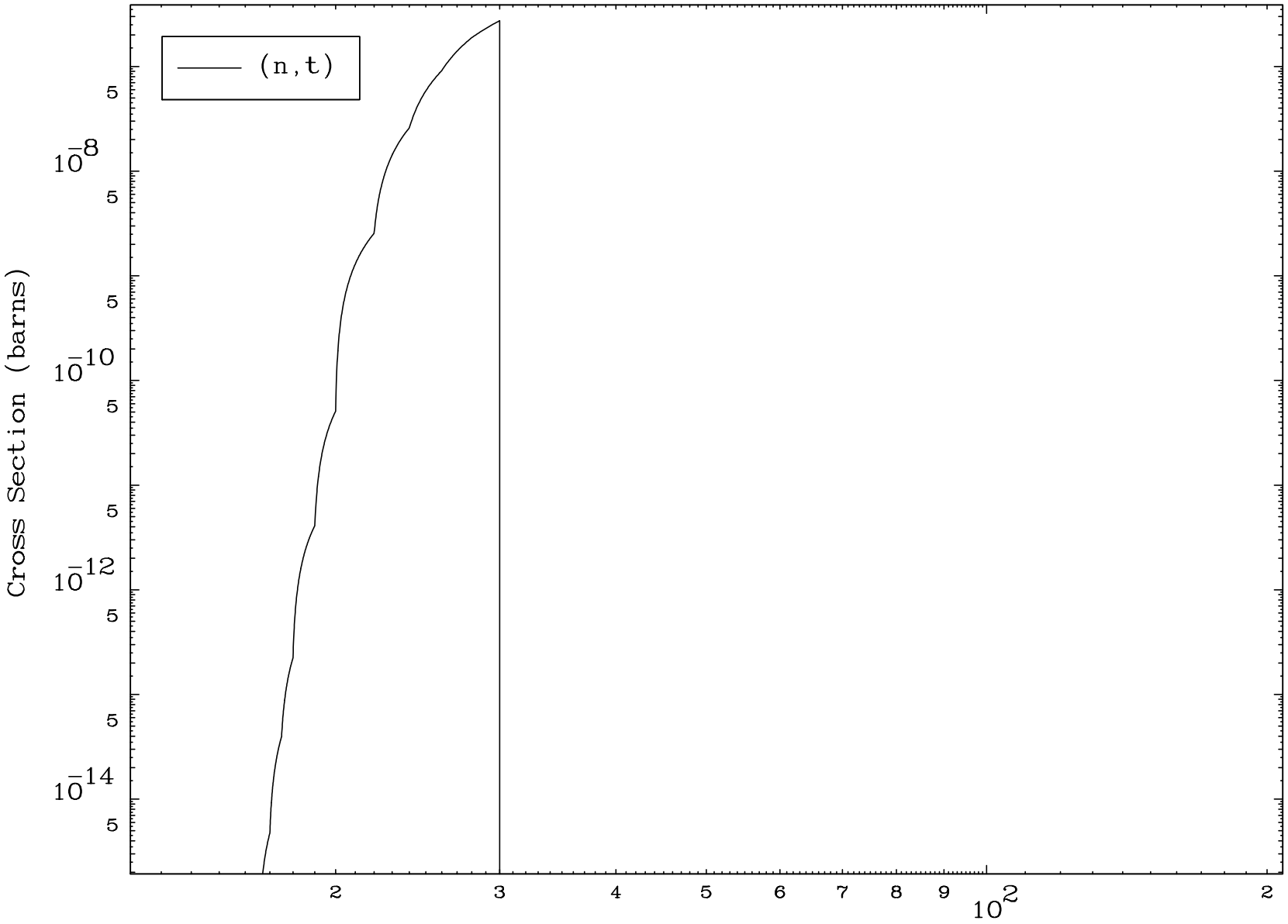

MAT 7835
Photon Charged Particle
0 Kelvin Cross Sections
78-Pt-193m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
78-Pt-193m

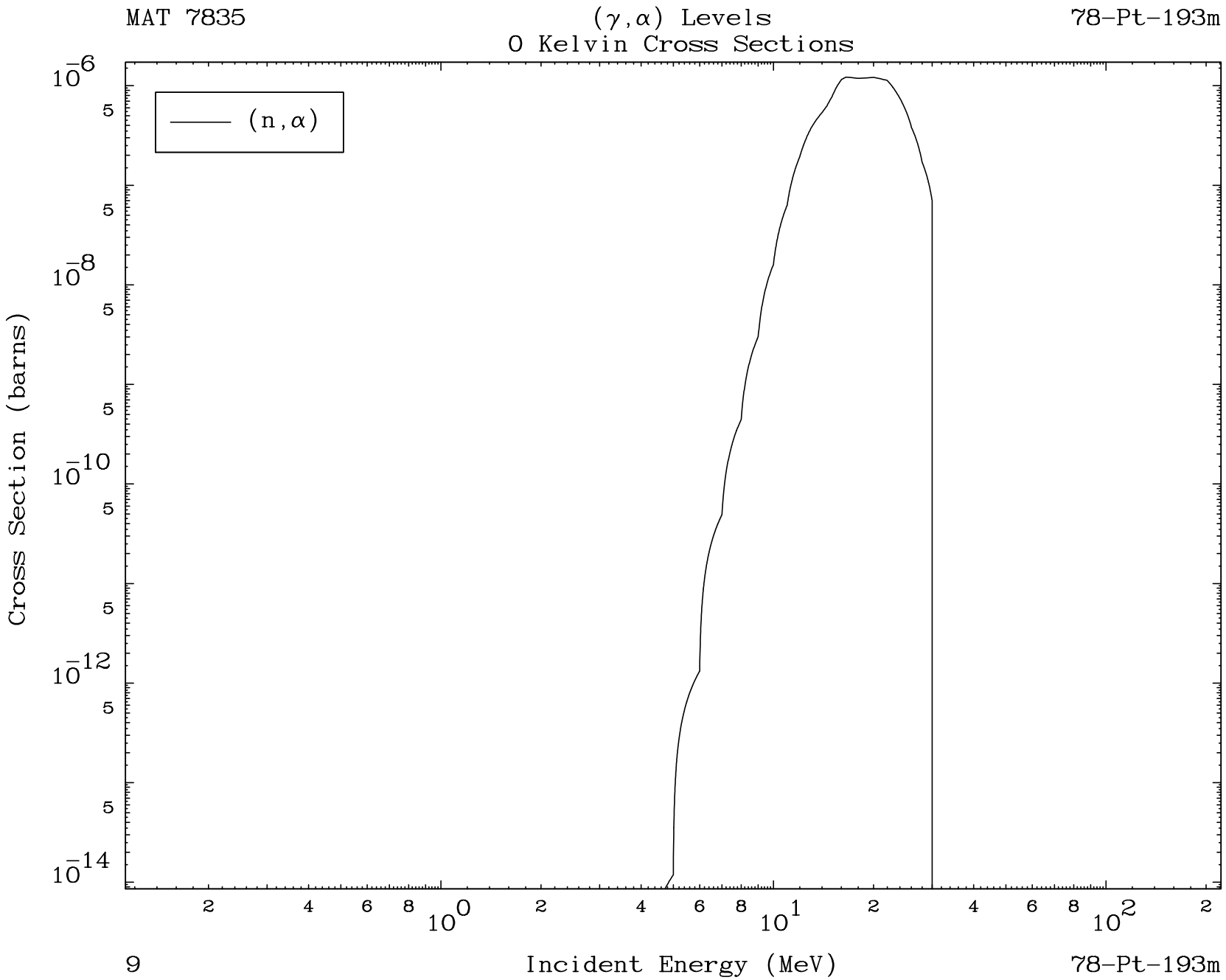

MAT 7835
(γ,n') Levels
0 Kelvin Cross Sections
78-Pt-193m
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
78-Pt-193m

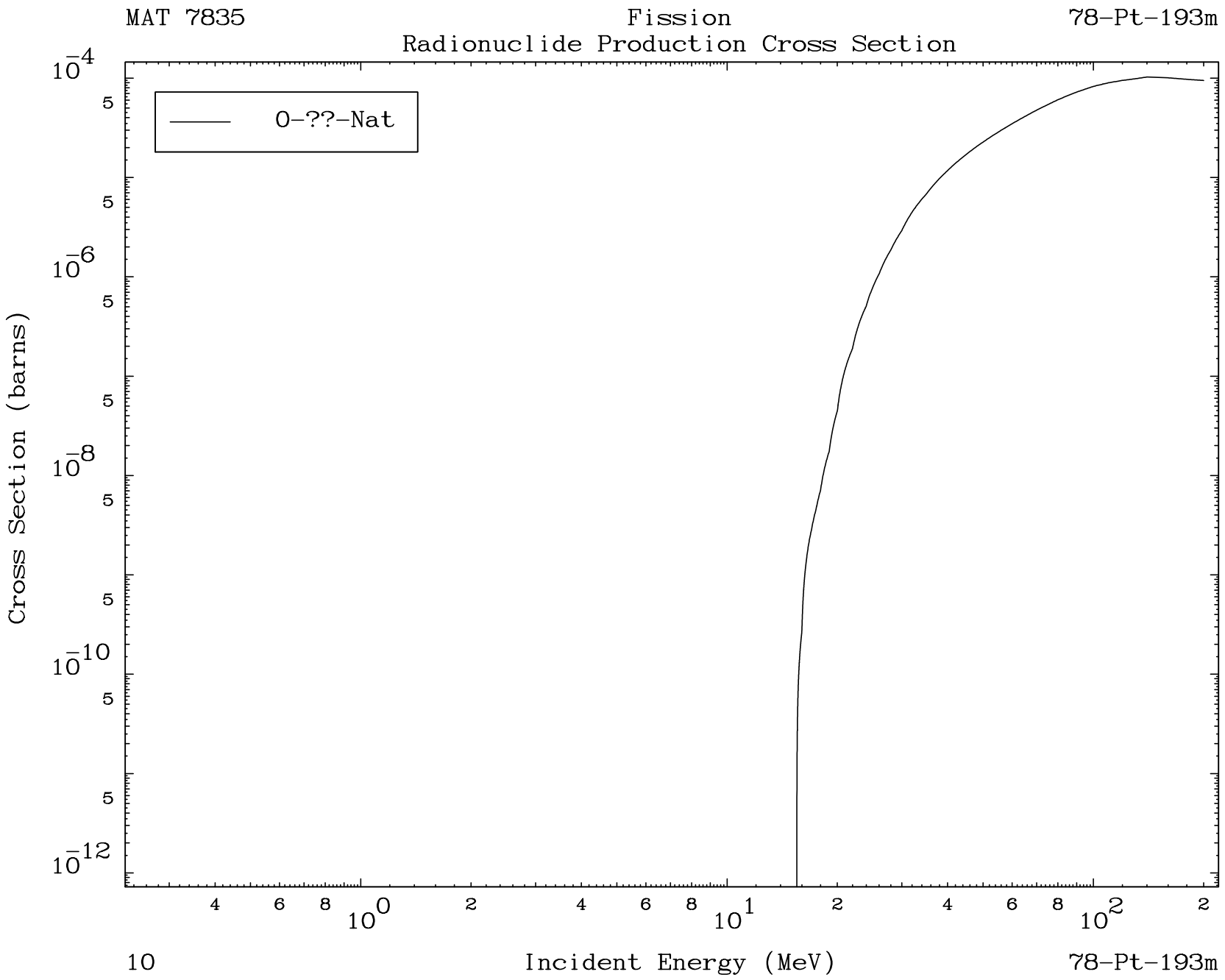

MAT 7835
(γ,p) Levels
78-Pt-193m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-193m
6

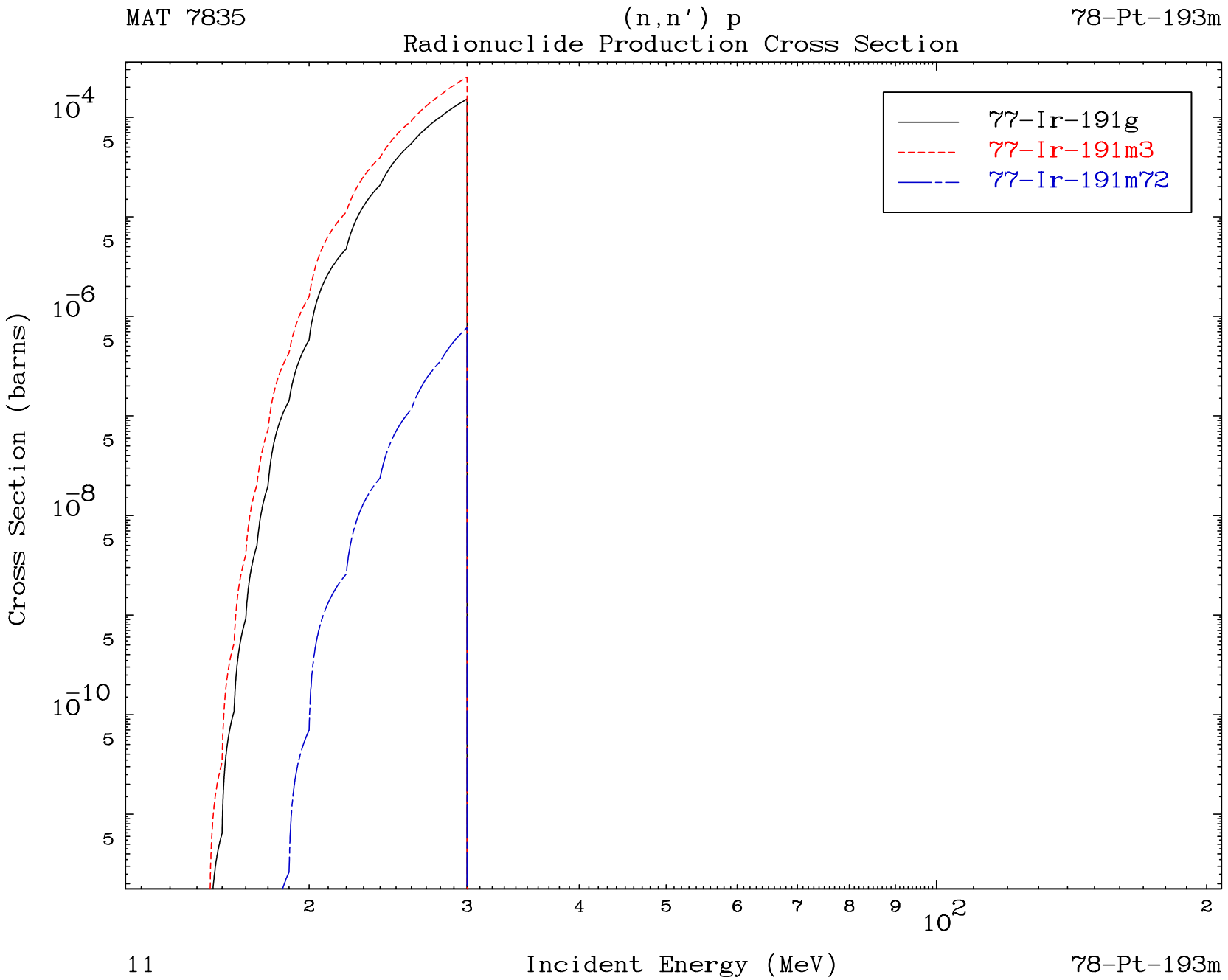

MAT 7835
(γ,d) Levels
78-Pt-193m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
78-Pt-193m

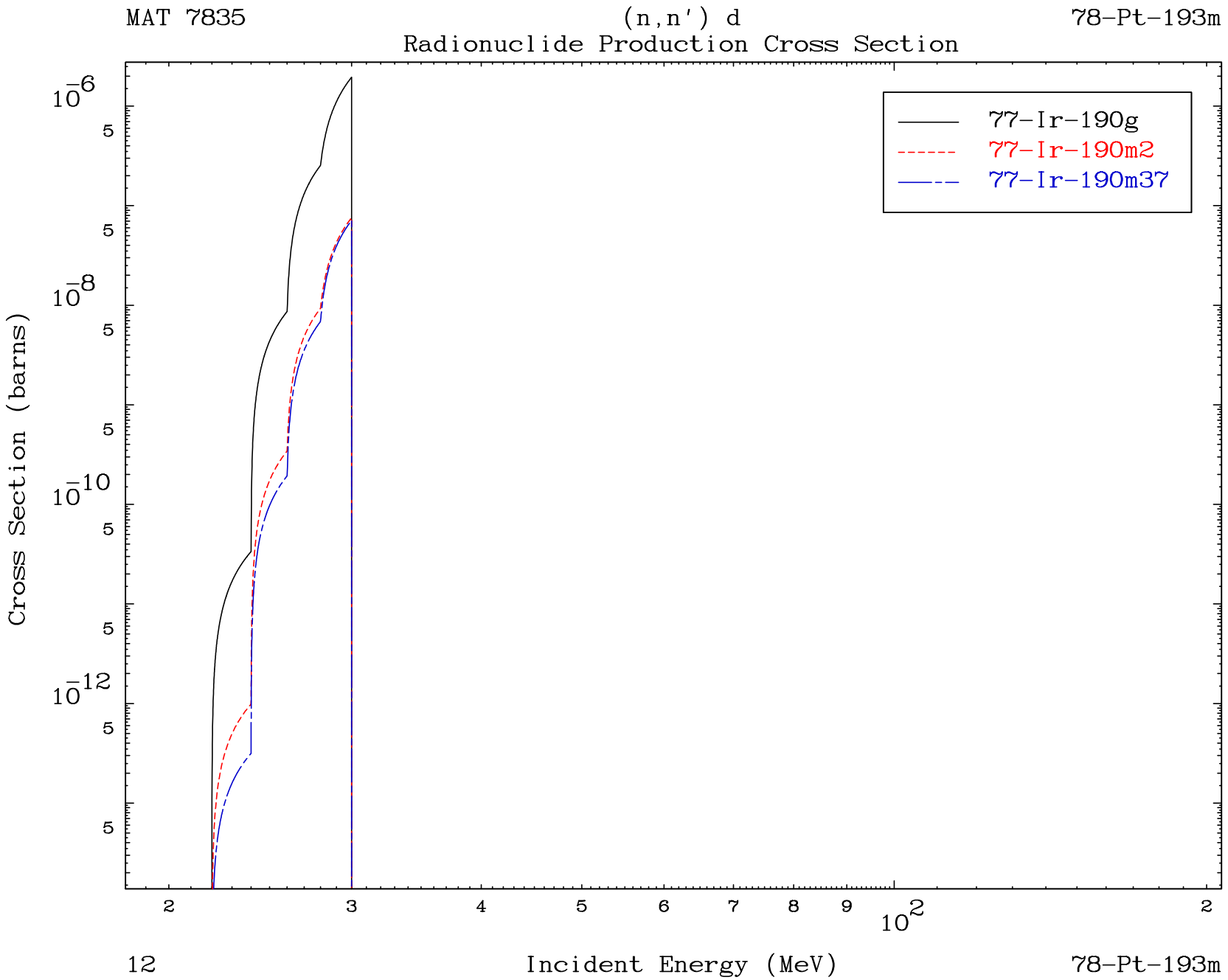
0 Kelvin Cross Sections

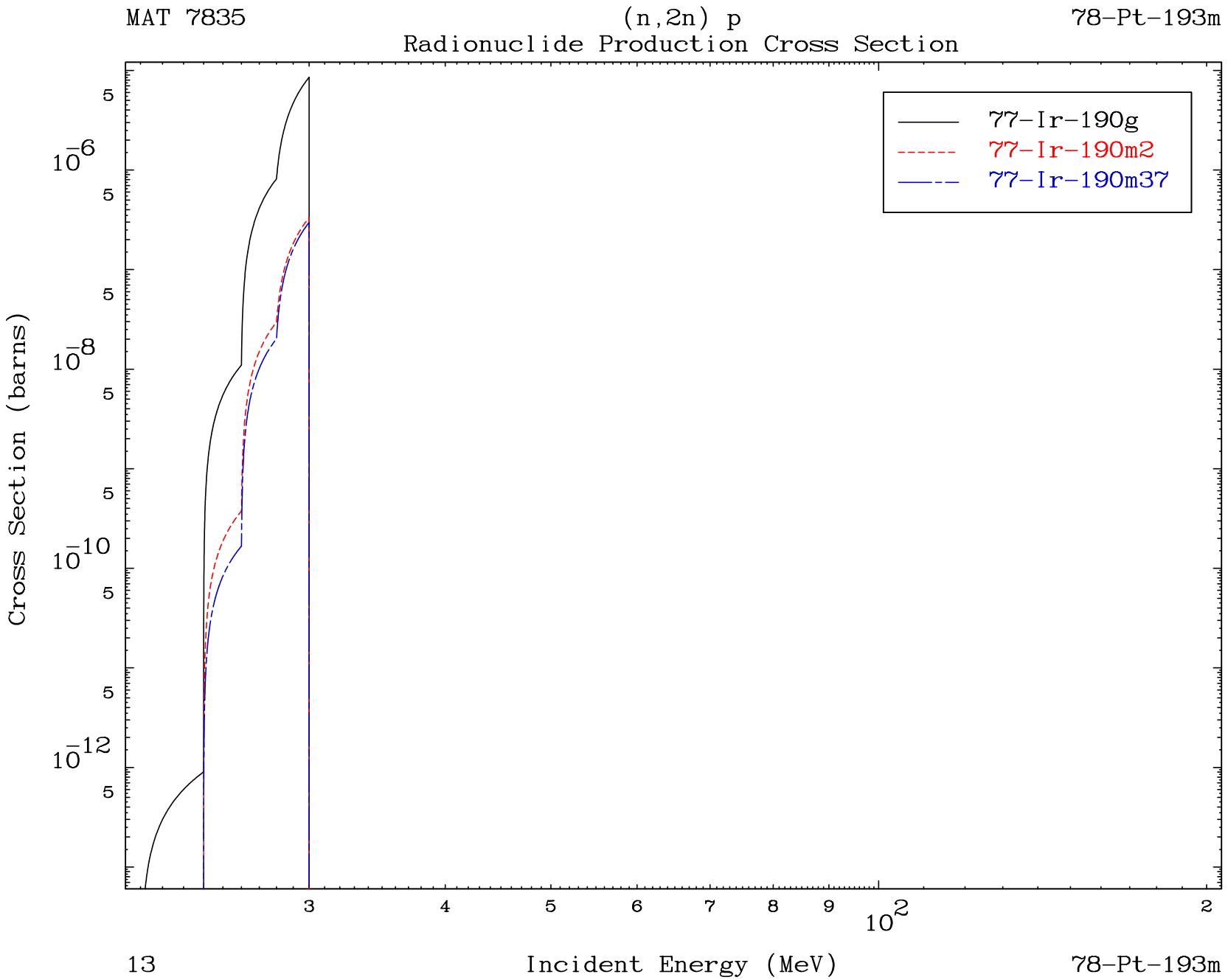


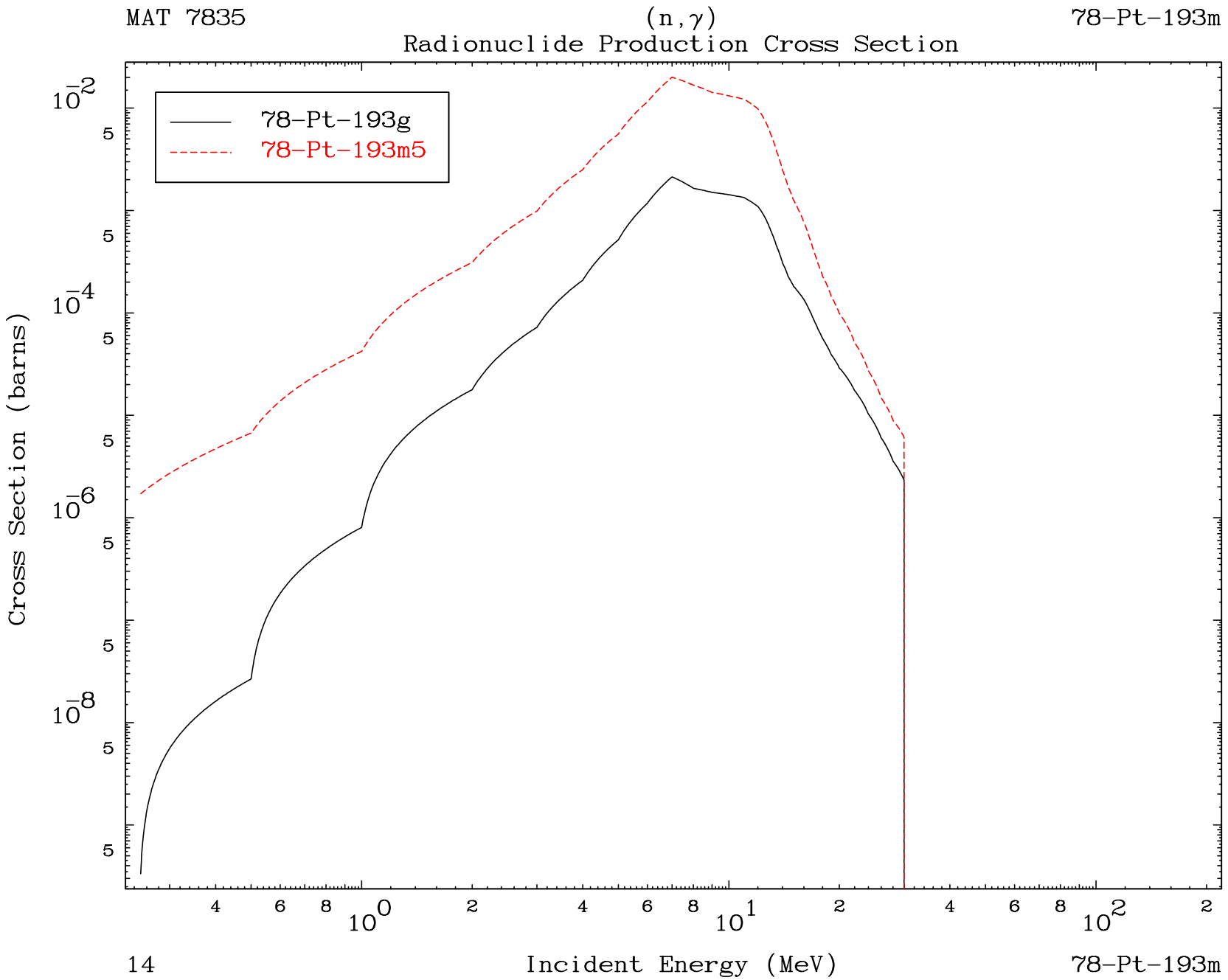

MAT 7835
(γ,α) Levels
78-Pt-193m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
10^0
10^1
10^2
Incident Energy (MeV)
9
78-Pt-193m

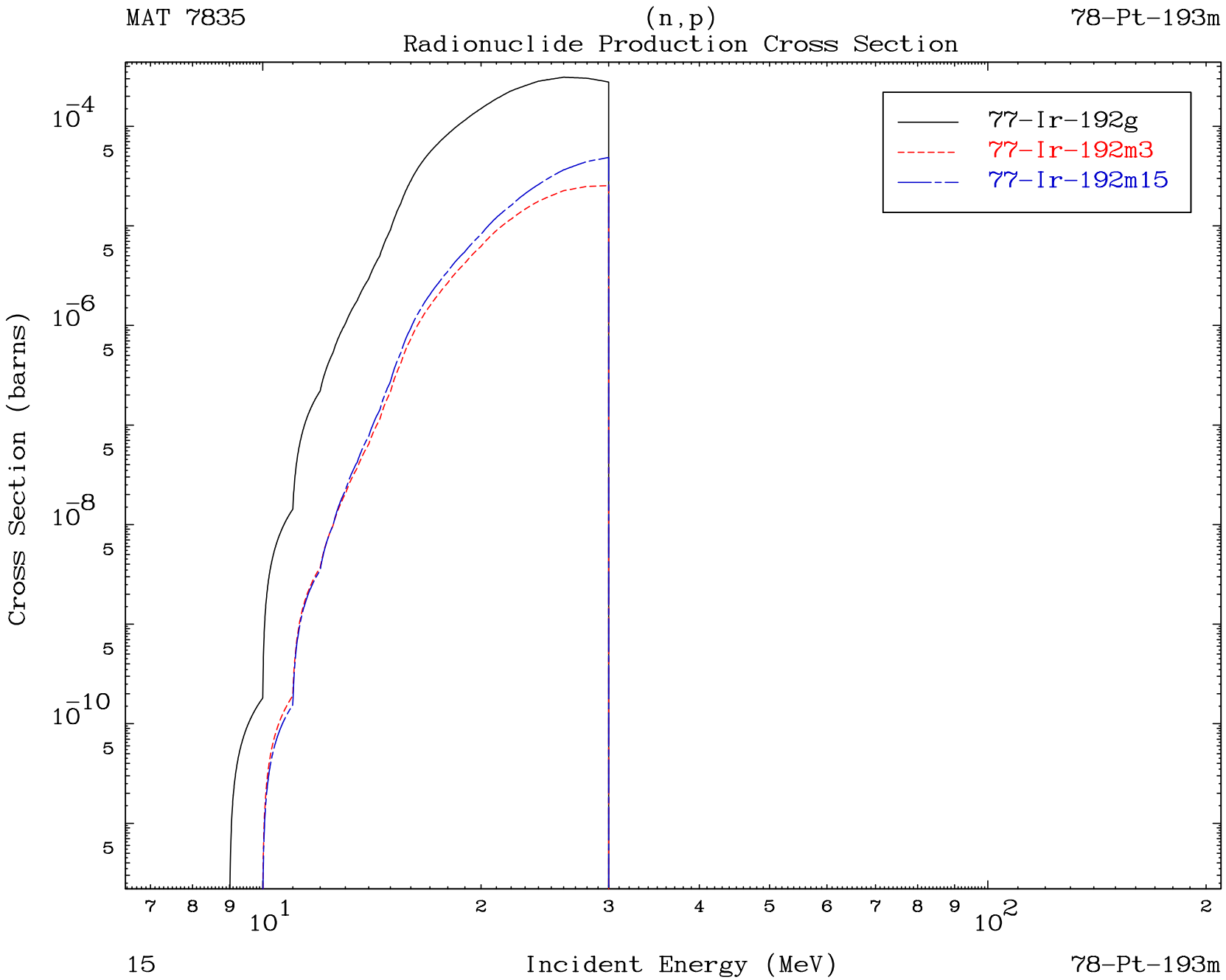

MAT 7835
Fission
78-Pt-193m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
78-Pt-193m

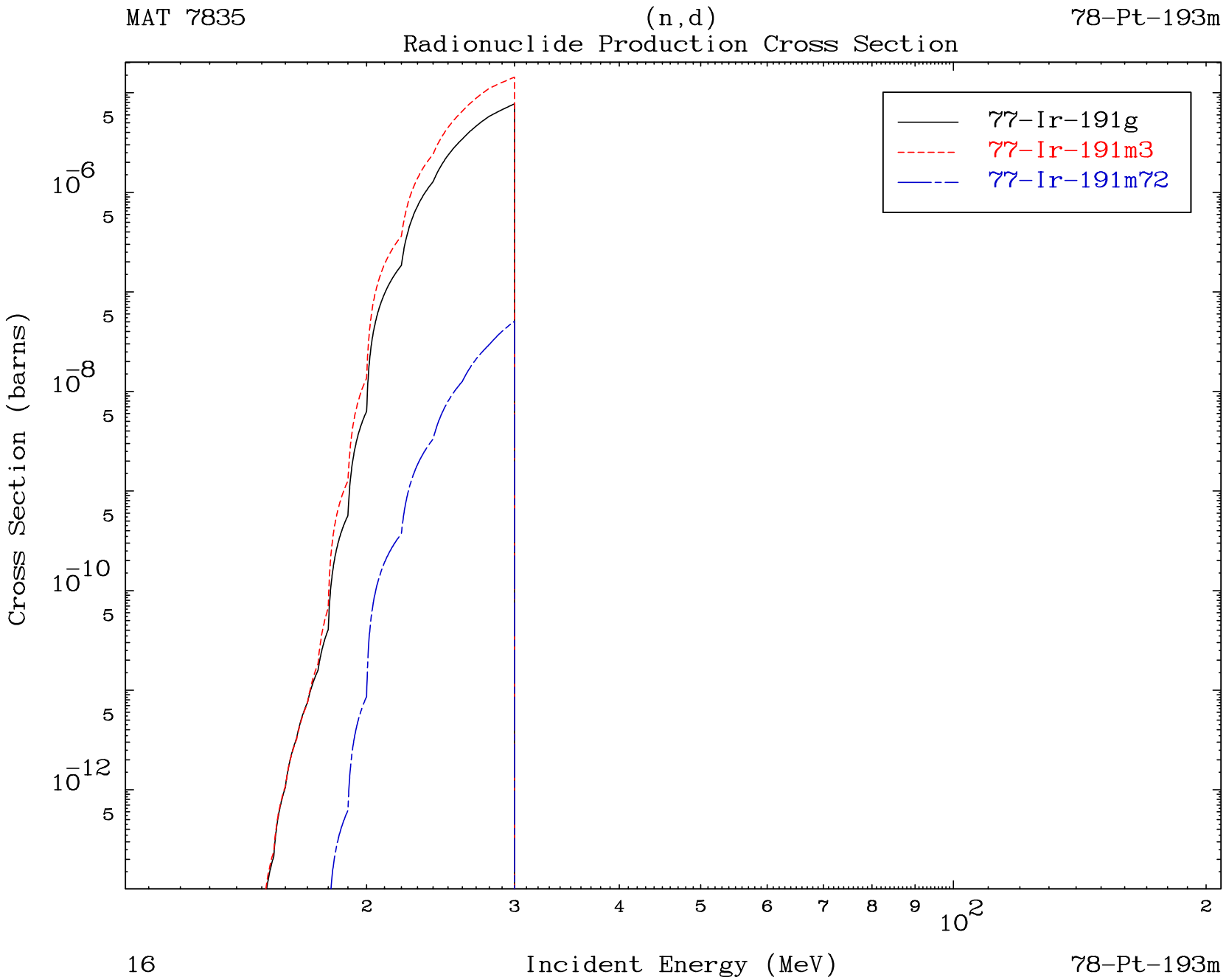

MAT 7835
(n,n') p
78-Pt-193m
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m72
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
78-Pt-193m

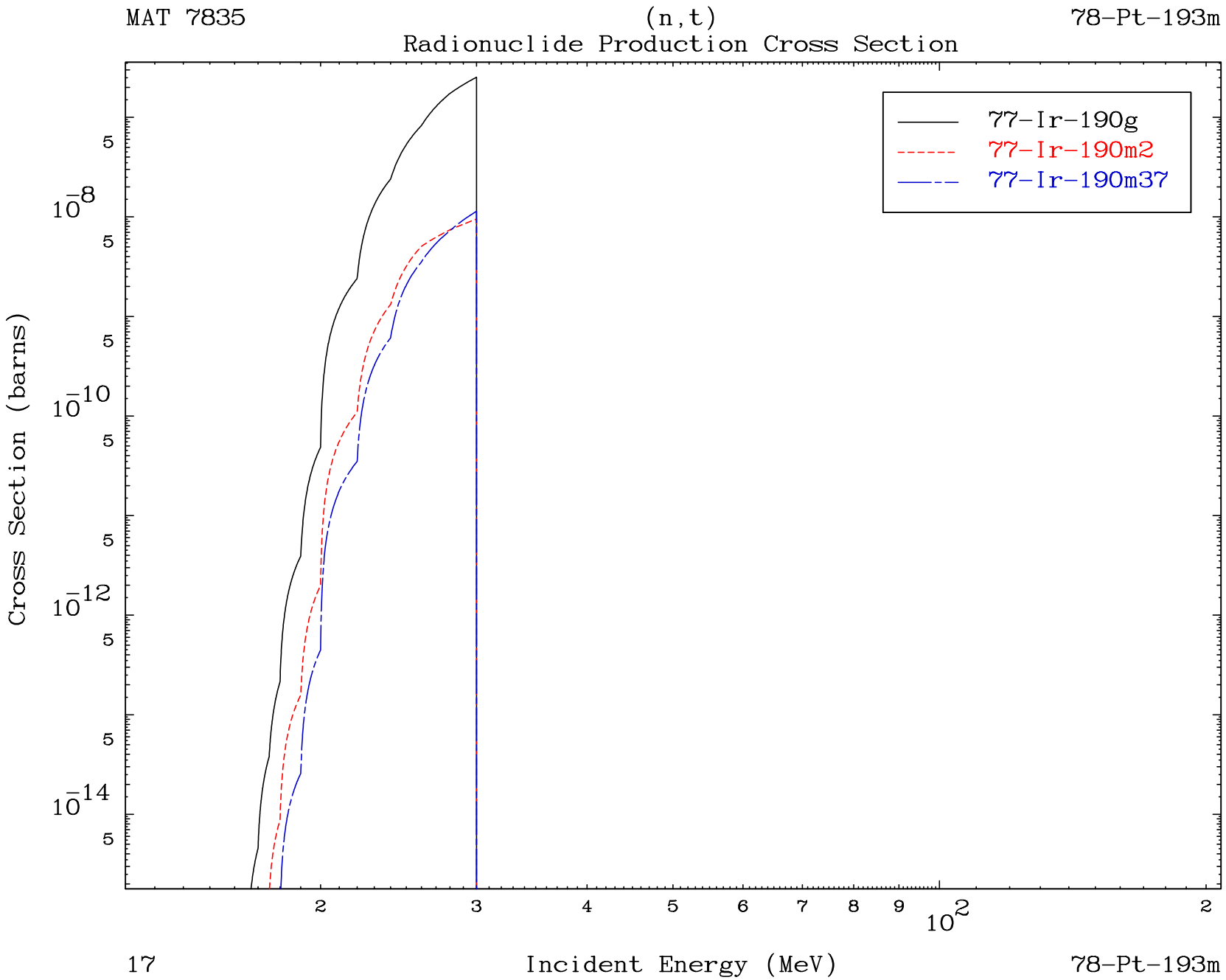

MAT 7835
(n,n') d
78-Pt-193m
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
77-Ir-190m37
Cross Section (barns)
Incident Energy (MeV)
12
78-Pt-193m

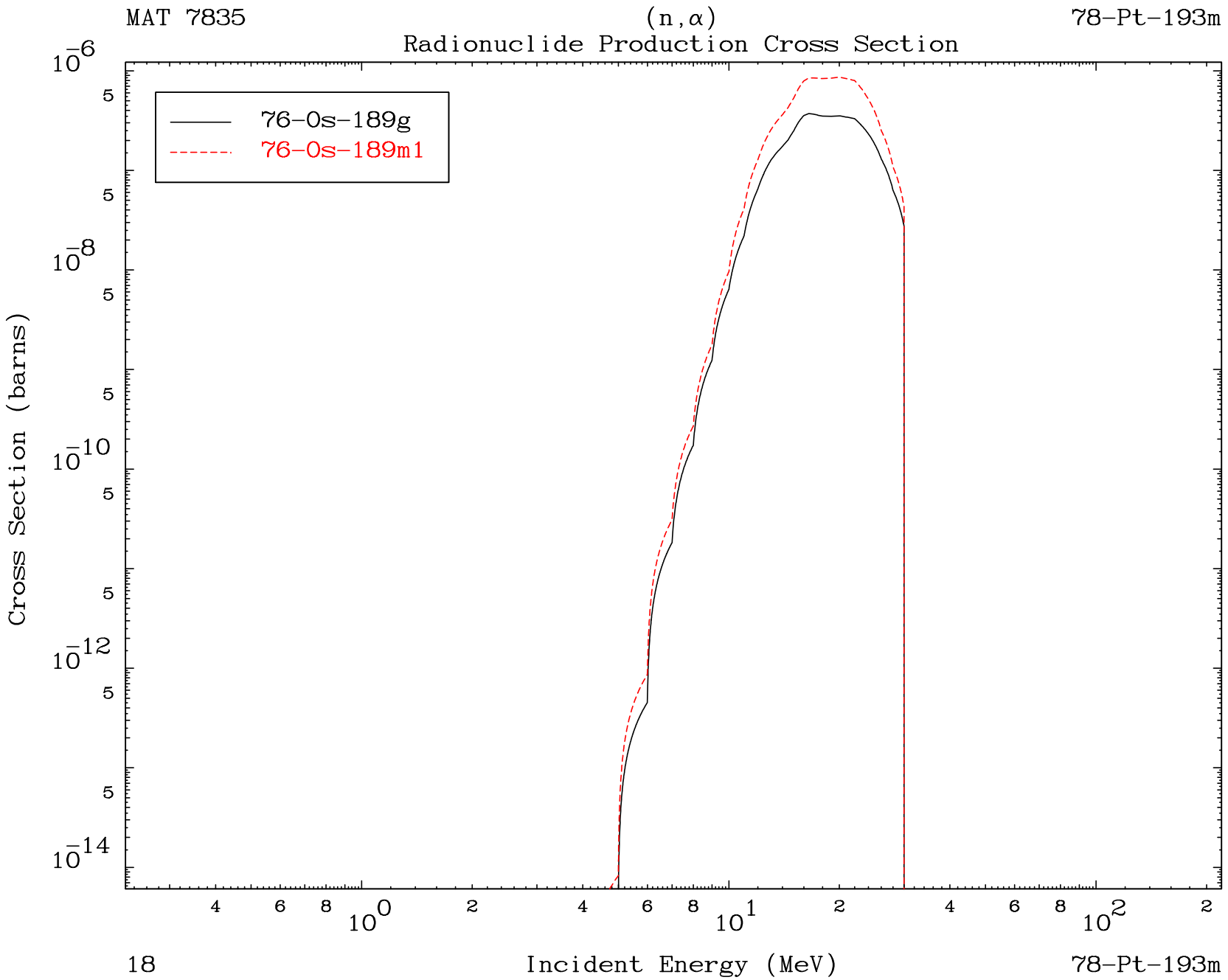

MAT 7835
(n,2n) p
78-Pt-193m
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
77-Ir-190m37
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
78-Pt-193m


MAT 7835
(n,γ)
78-Pt-193m
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
14
Incident Energy (MeV)
78-Pt-193m


MAT 7835
(n,p)
78-Pt-193m
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m15
Cross Section (barns)
Incident Energy (MeV)
15
78-Pt-193m


MAT 7835
(n,d)
78-Pt-193m
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m72
Cross Section (barns)
Incident Energy (MeV)
16
78-Pt-193m


MAT 7835
(n,t)
78-Pt-193m
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
77-Ir-190m37
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
78-Pt-193m


MAT 7835
(n,α)
78-Pt-193m
Radionuclide Production Cross Section
76-Os-189g
76-Os-189m1
Cross Section (barns)
Incident Energy (MeV)
18
78-Pt-193m