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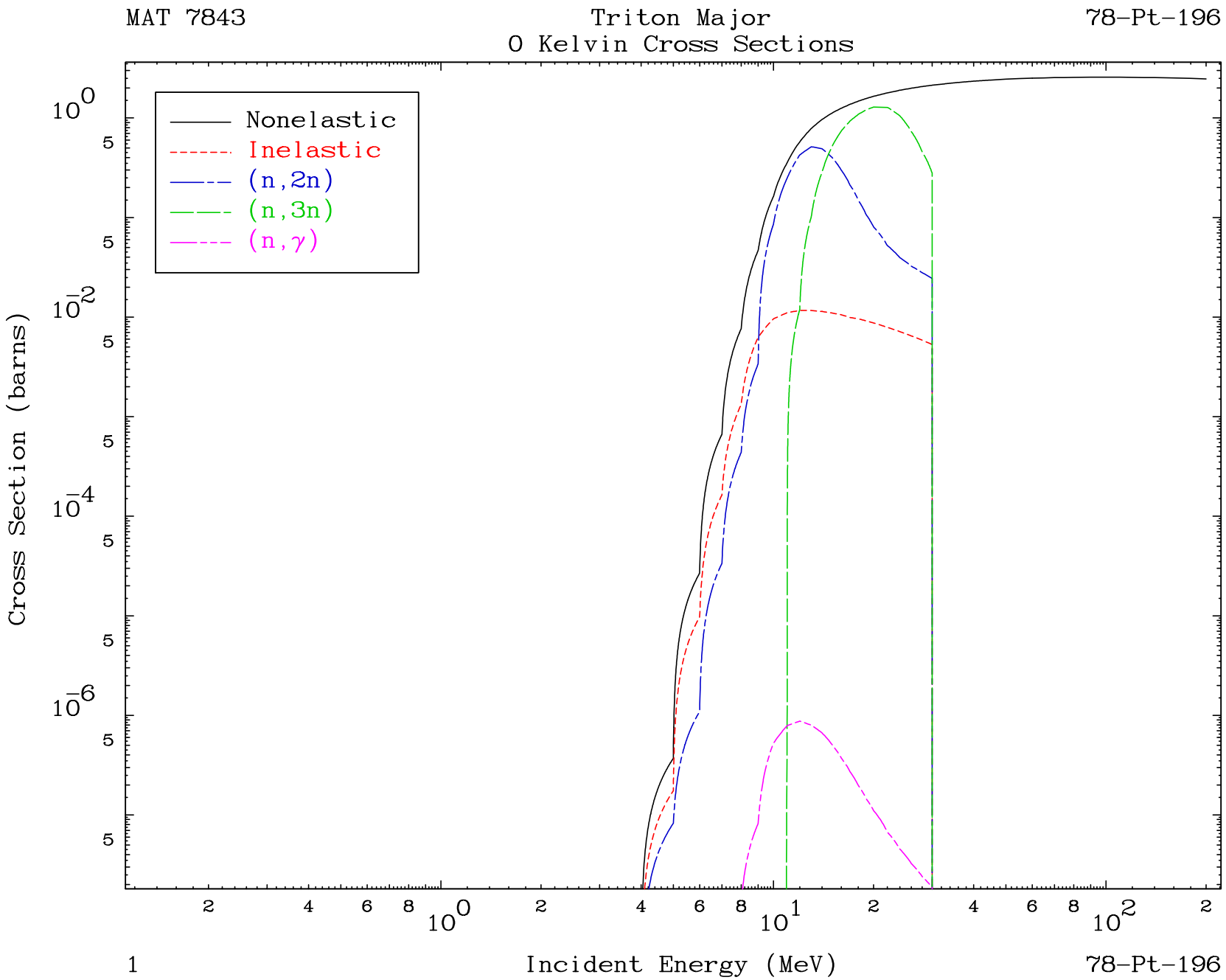
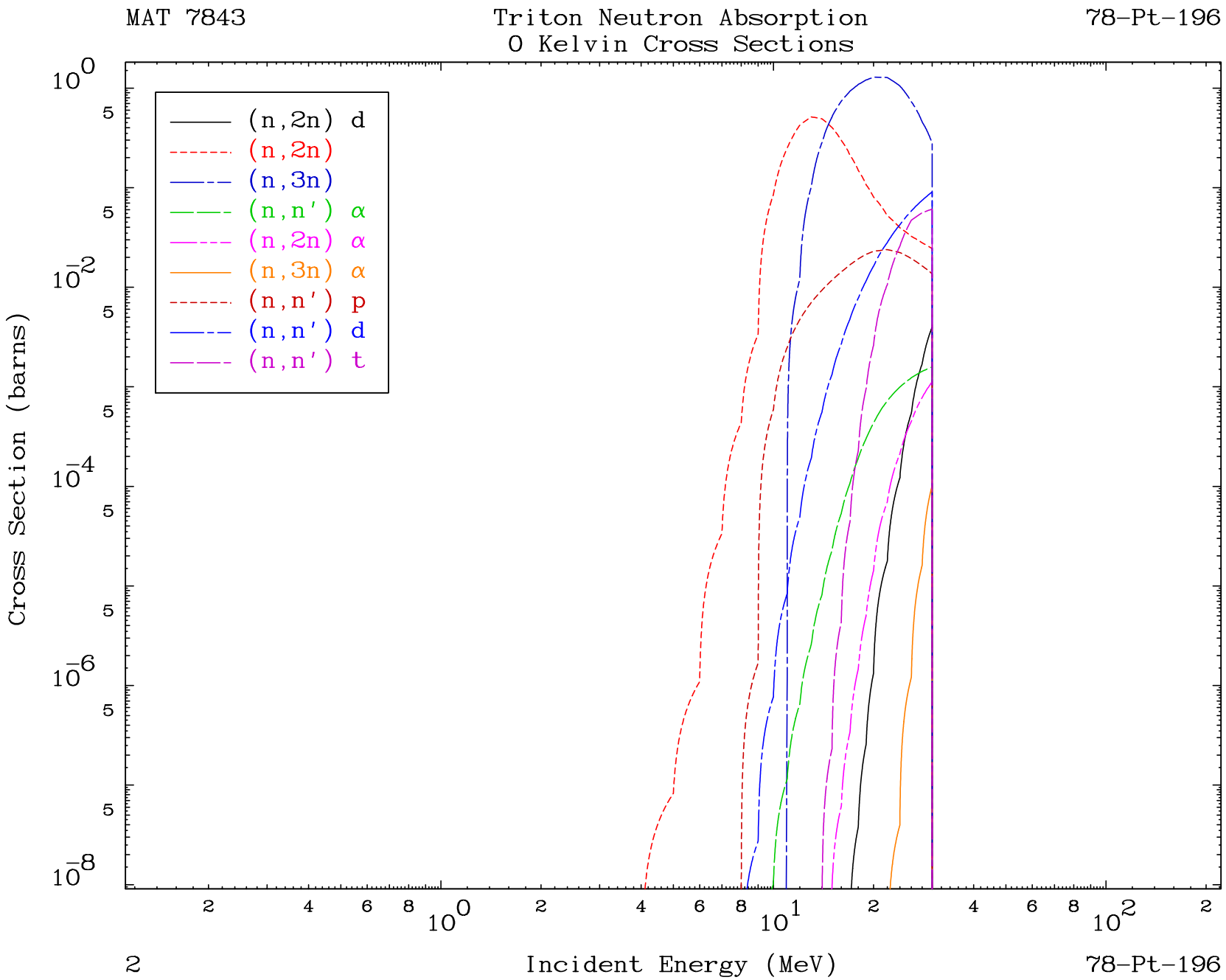
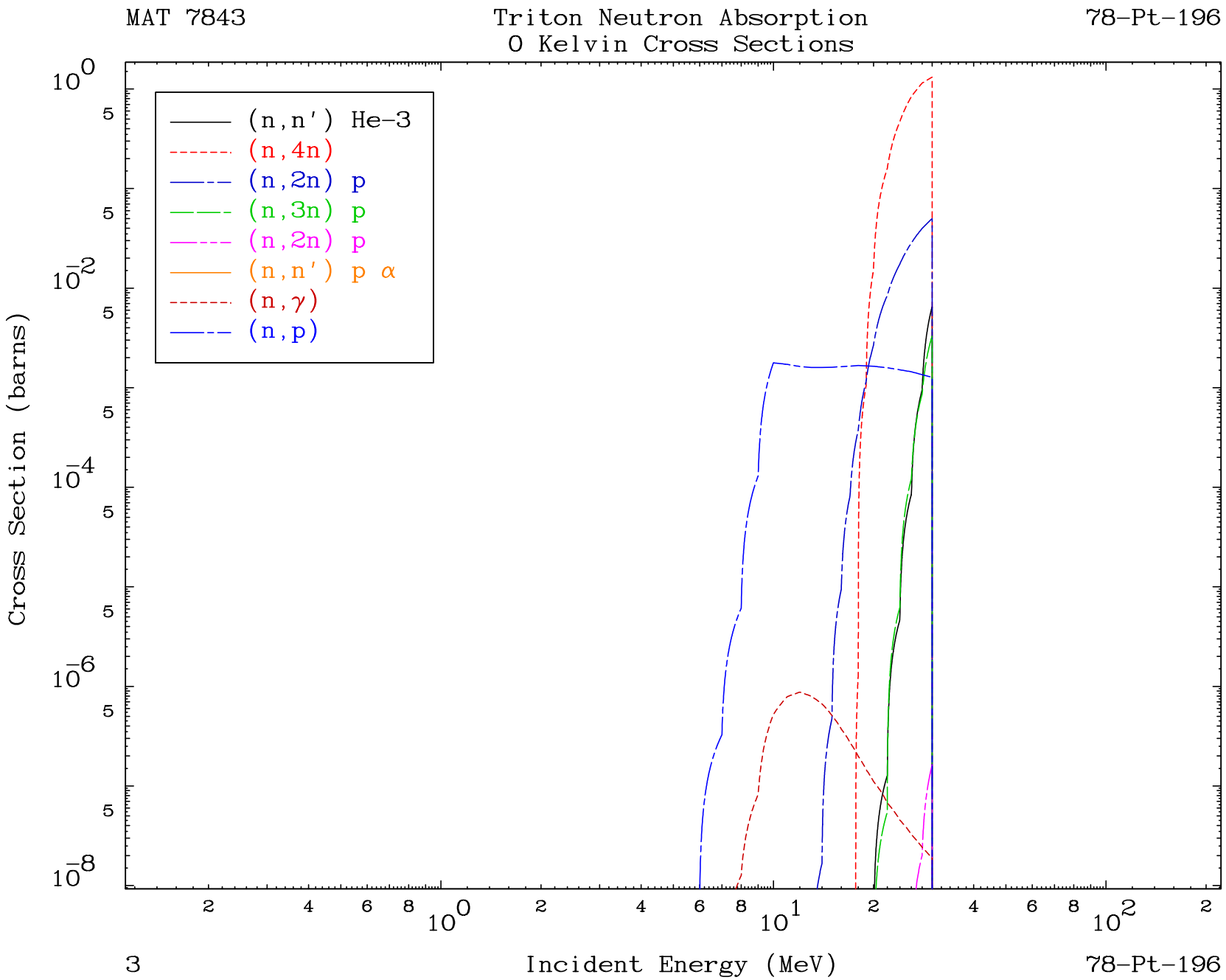
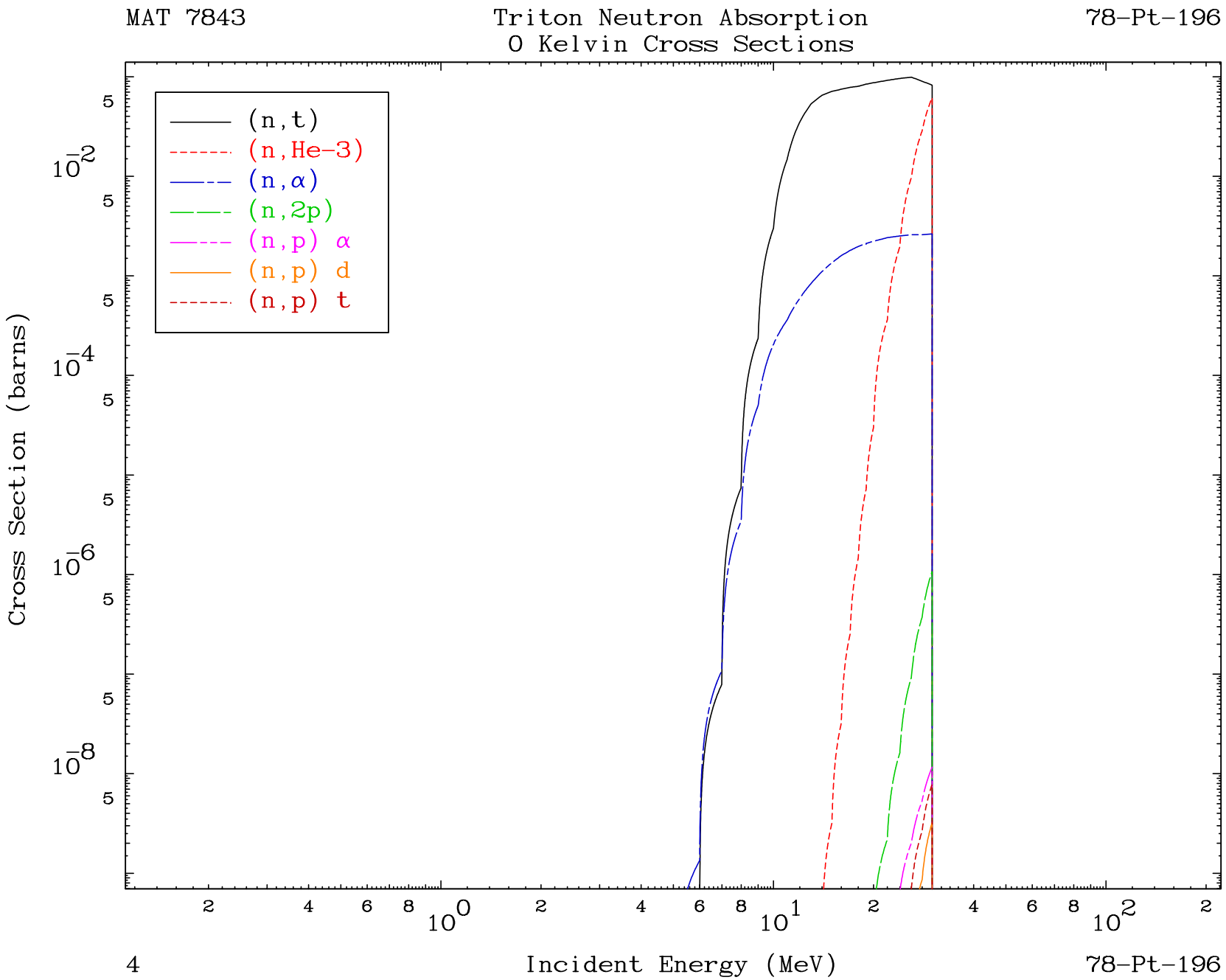
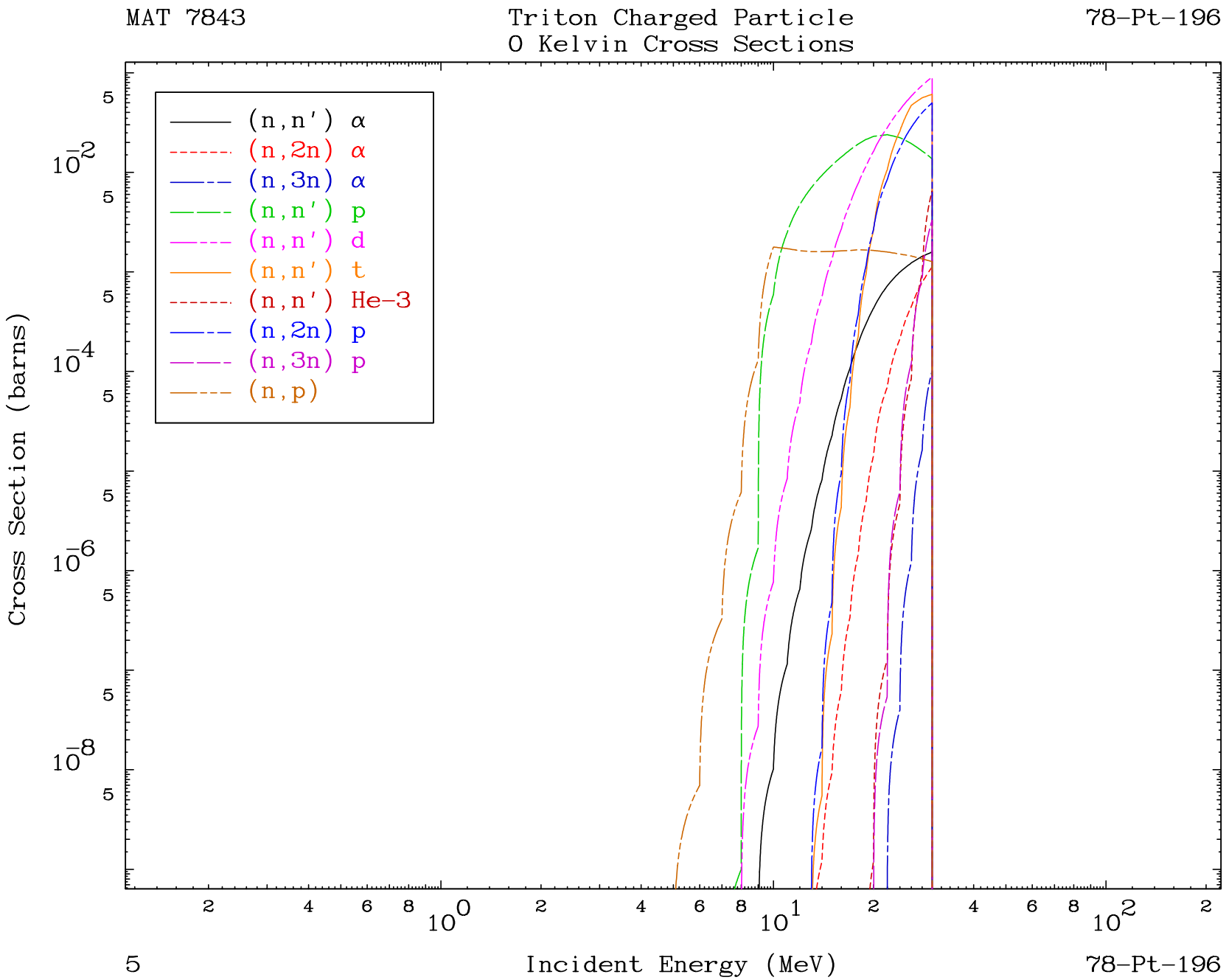
Press Mouse Button to Start

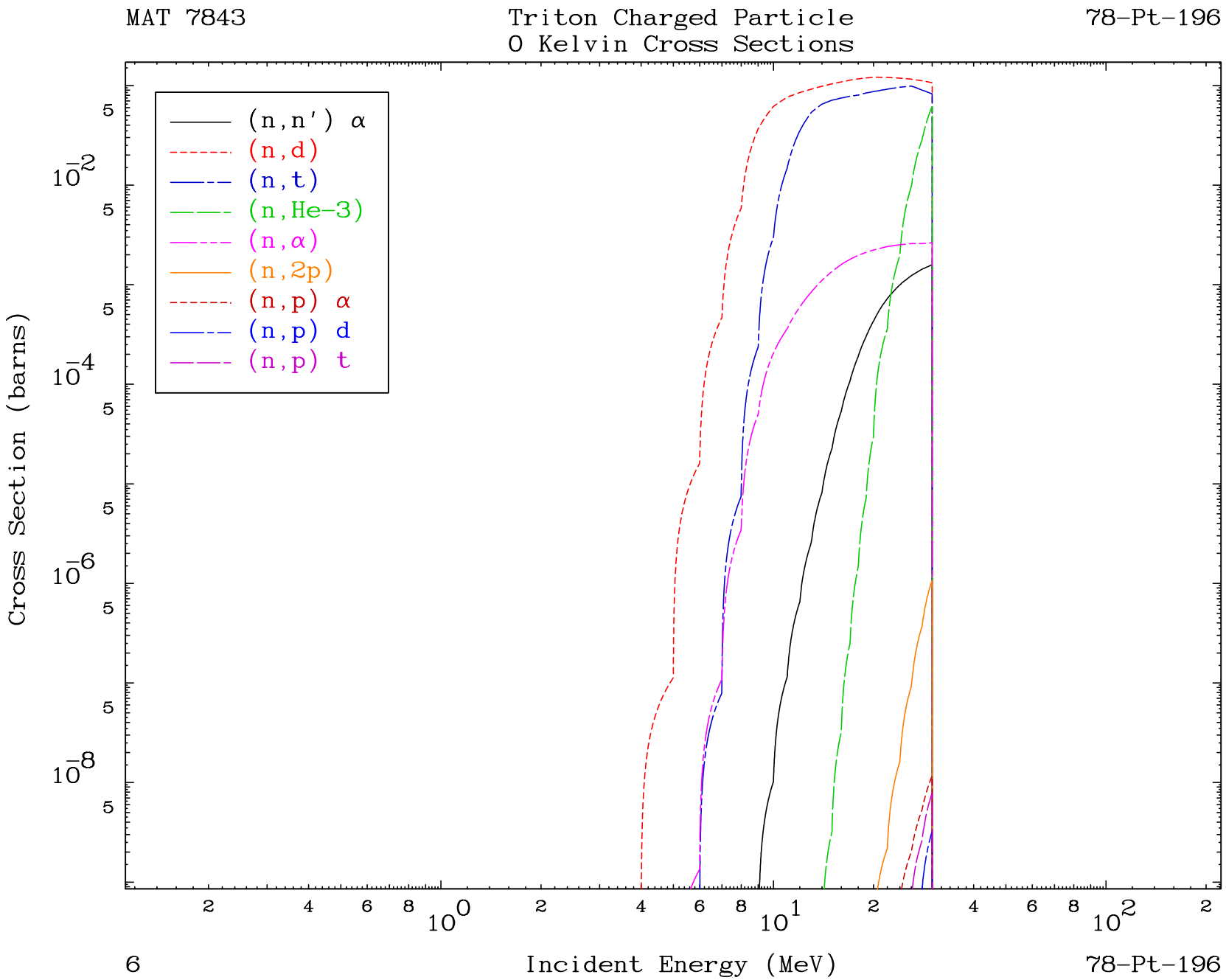

MAT 7843
Triton Major
78-Pt-196
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-196

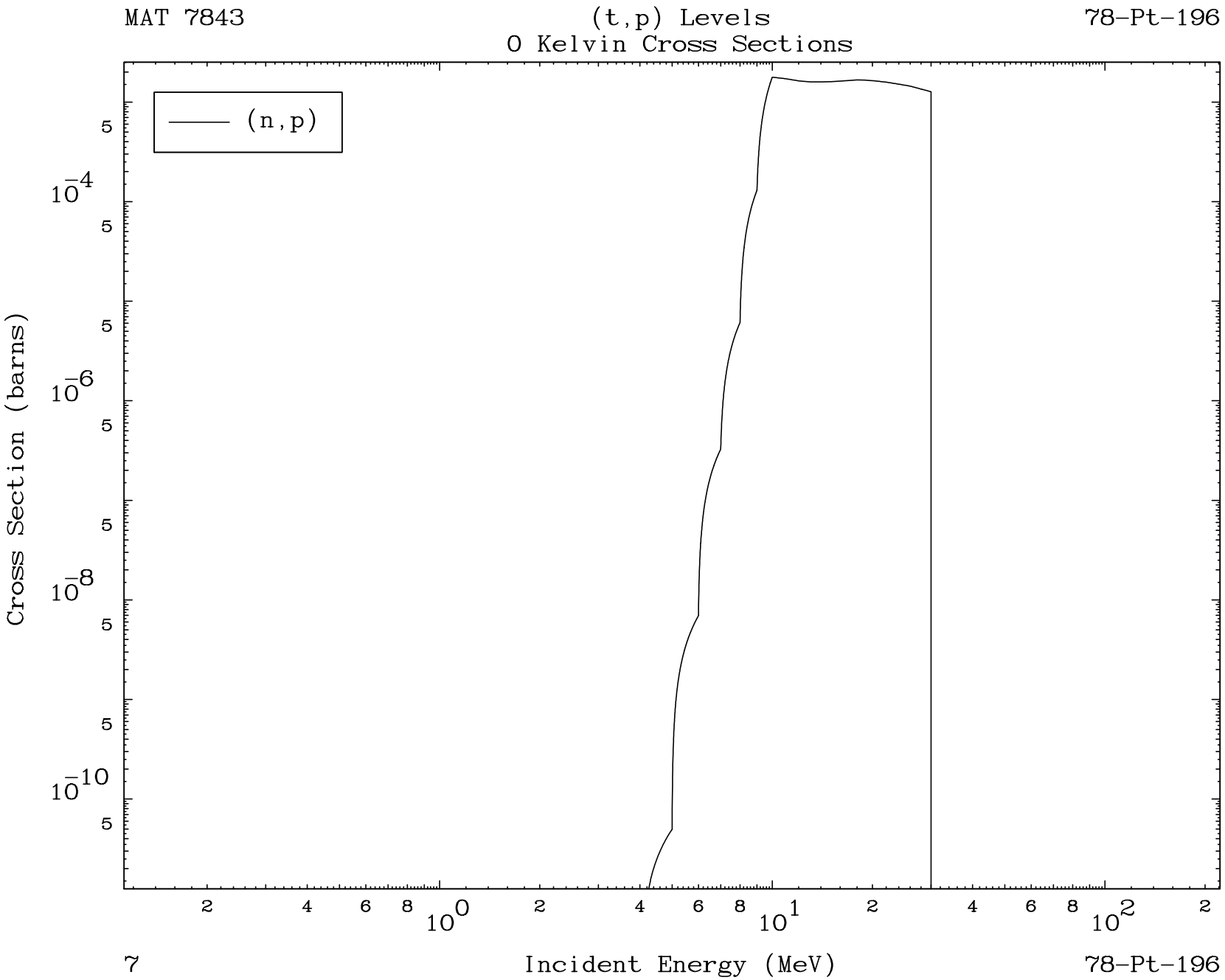

MAT 7843
Triton Neutron Absorption
0 Kelvin Cross Sections
78-Pt-196
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
78-Pt-196
2

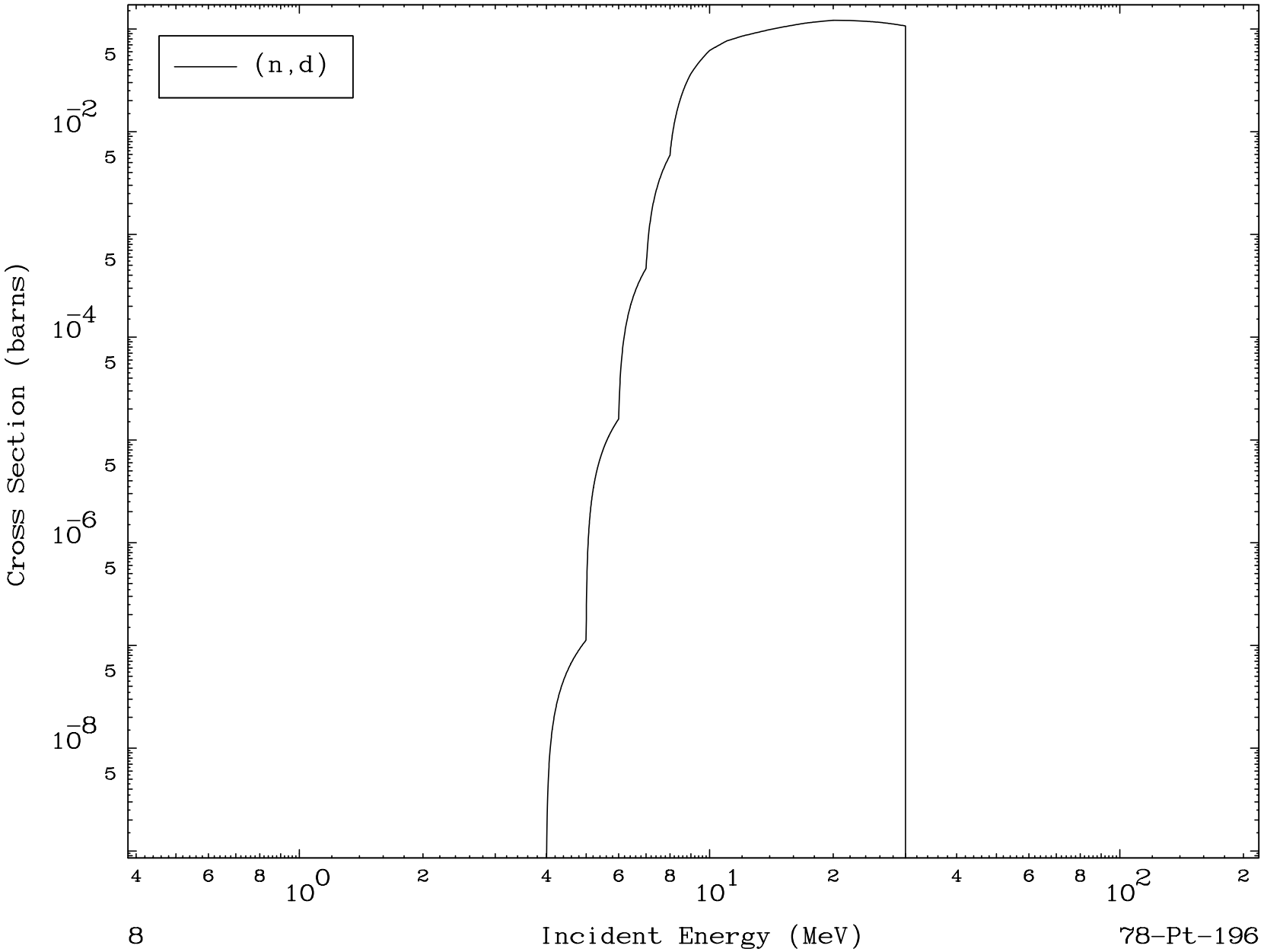

MAT 7843
Triton Neutron Absorption
0 Kelvin Cross Sections
78-Pt-196
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
3
78-Pt-196

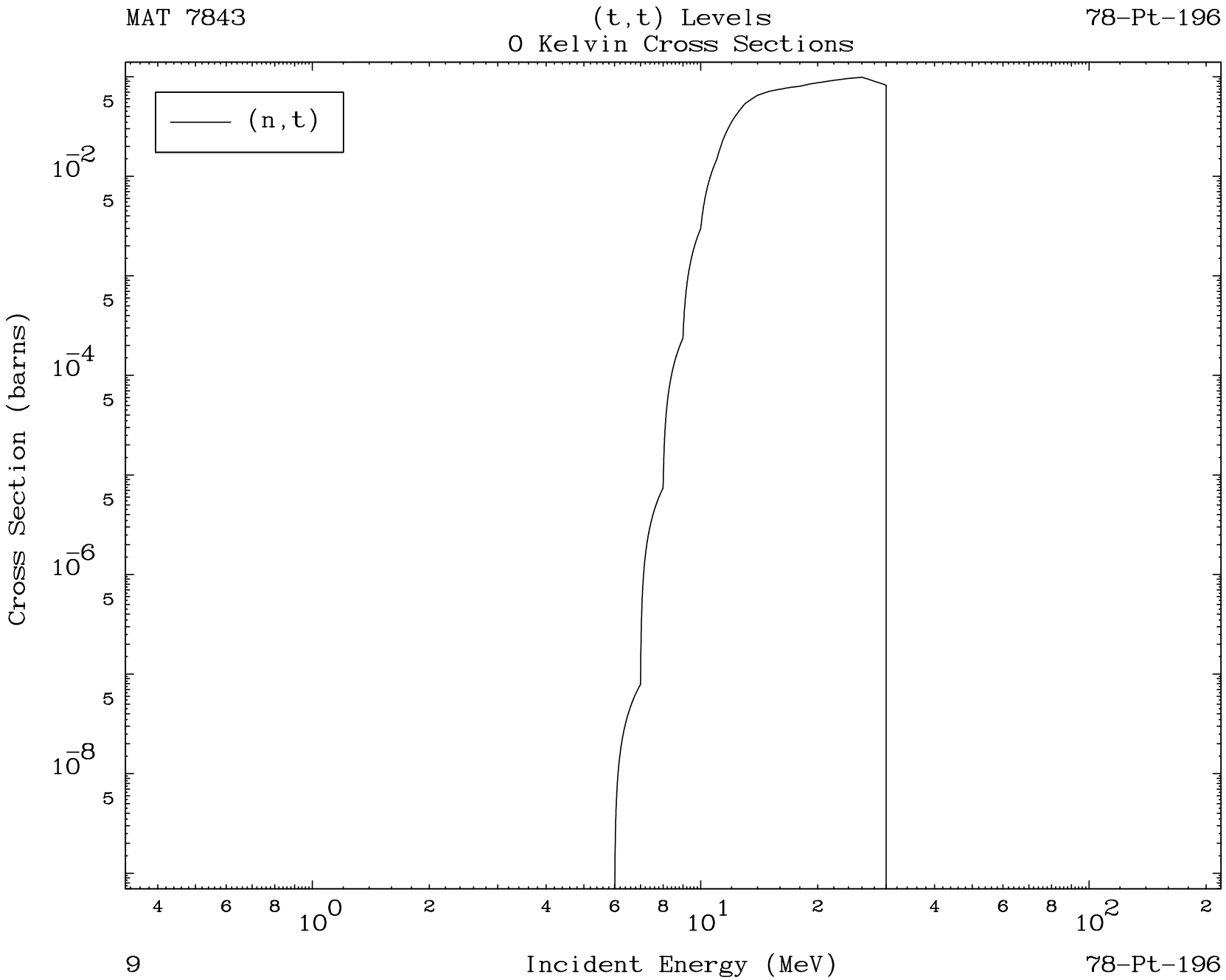

MAT 7843
Triton Neutron Absorption
0 Kelvin Cross Sections
78-Pt-196
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
78-Pt-196
4

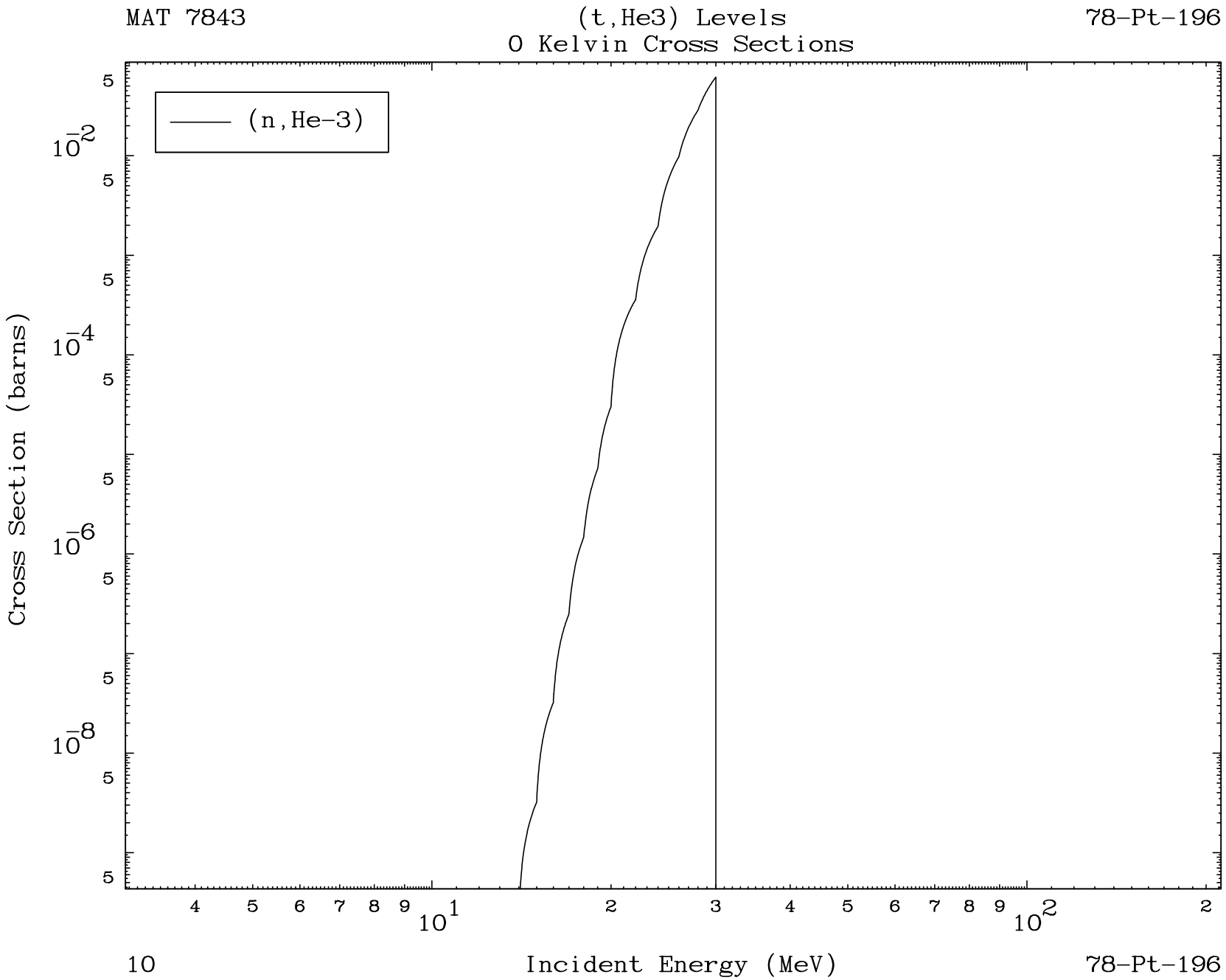

MAT 7843
Triton Charged Particle
0 Kelvin Cross Sections
78-Pt-196
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
78-Pt-196

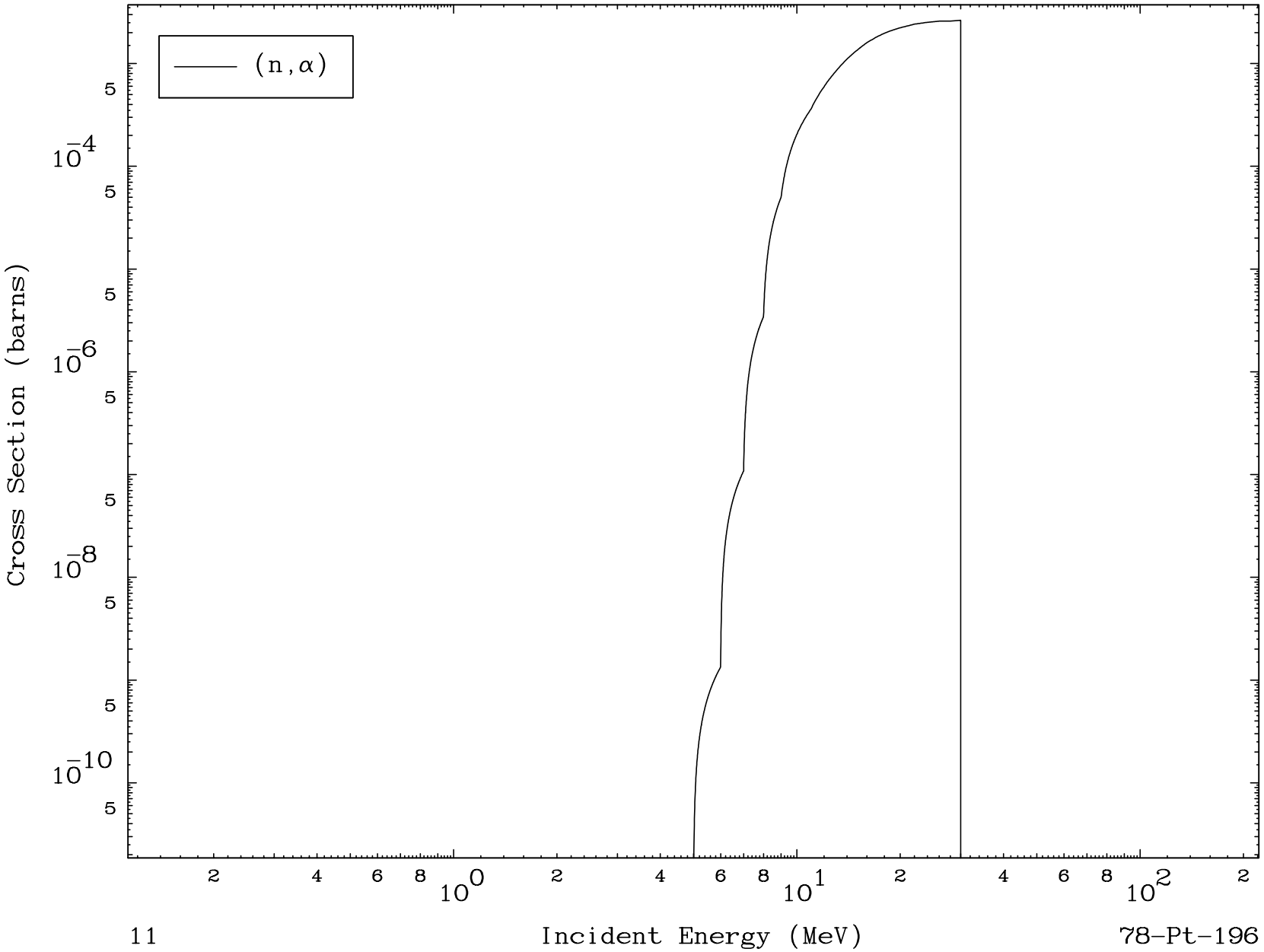

MAT 7843
Triton Charged Particle
0 Kelvin Cross Sections
78-Pt-196
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
78-Pt-196

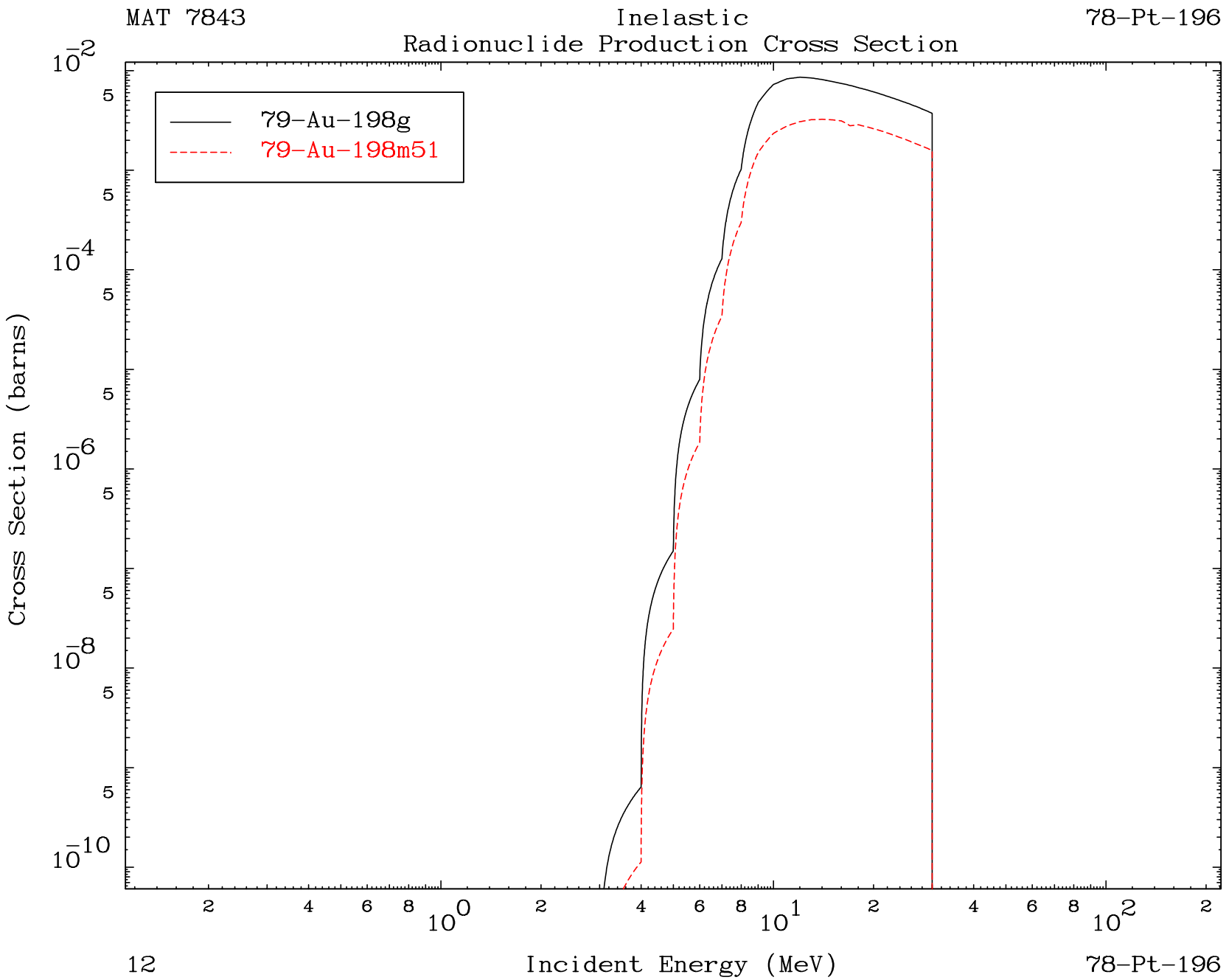

MAT 7843
(t,p) Levels
78-Pt-196
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
7
78-Pt-196

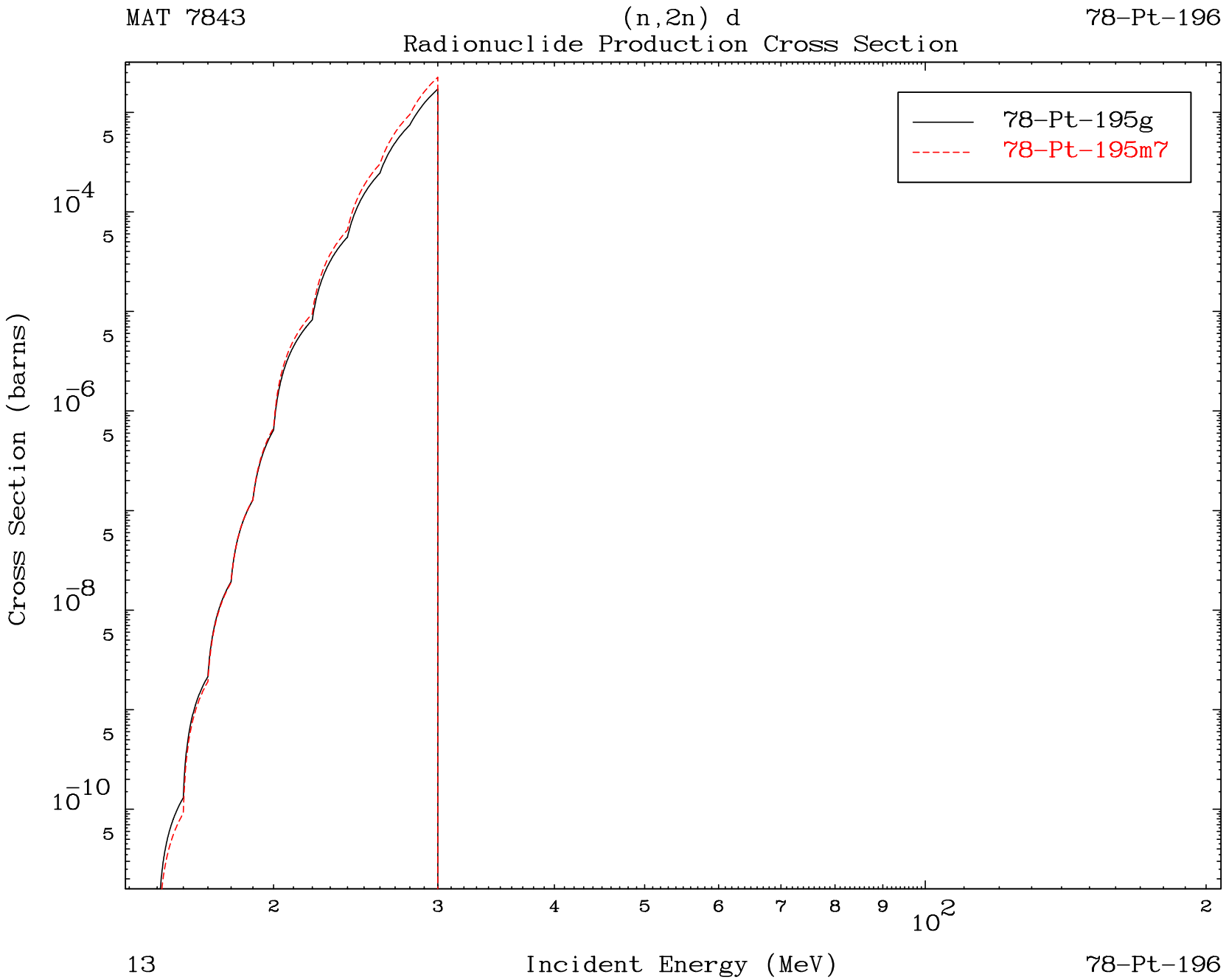

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4 6 8 100 2 4 6 8 101 2 4 6 8 102 2
Incident Energy (MeV)

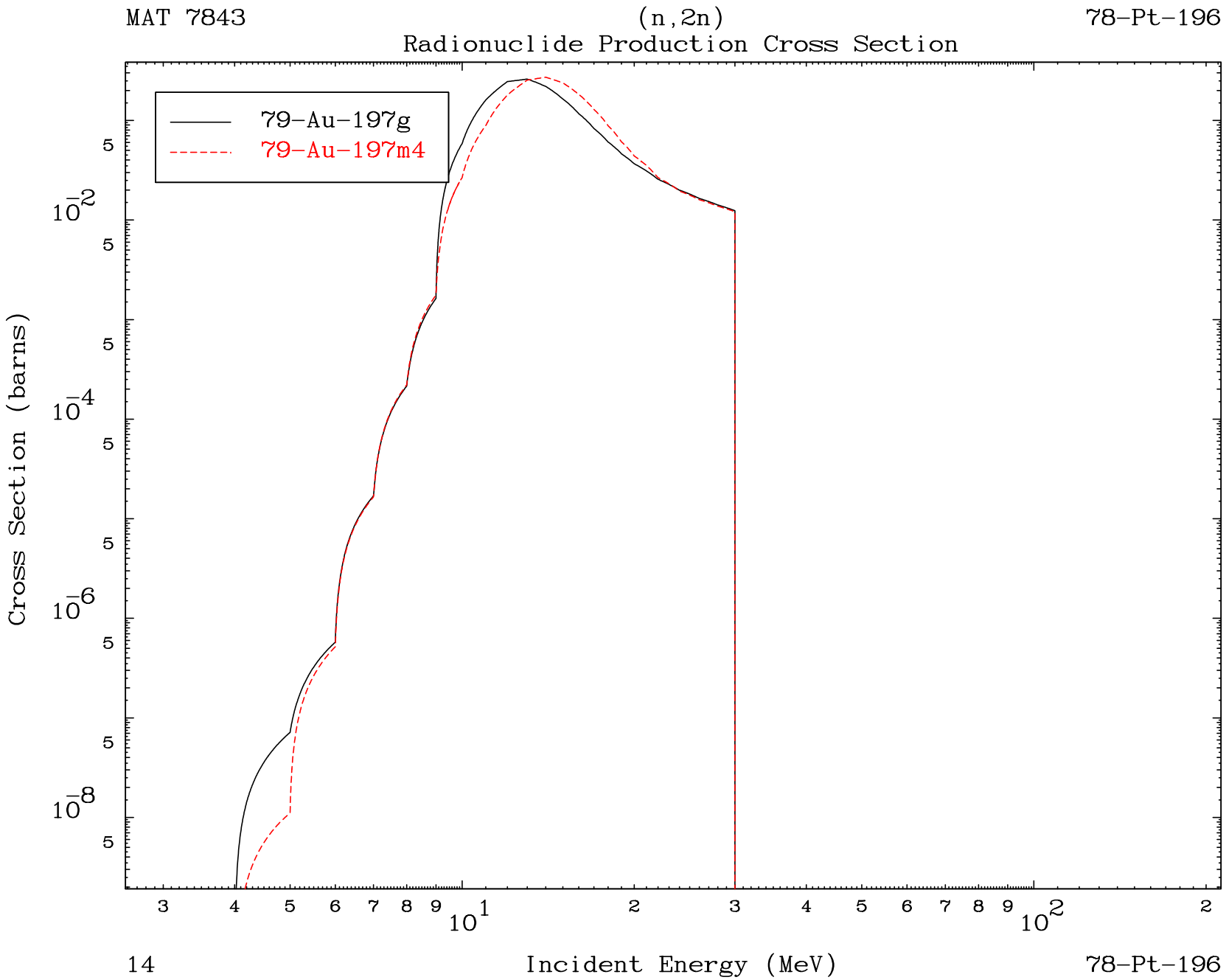

MAT 7843
(t,t) Levels
78-Pt-196
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
78-Pt-196

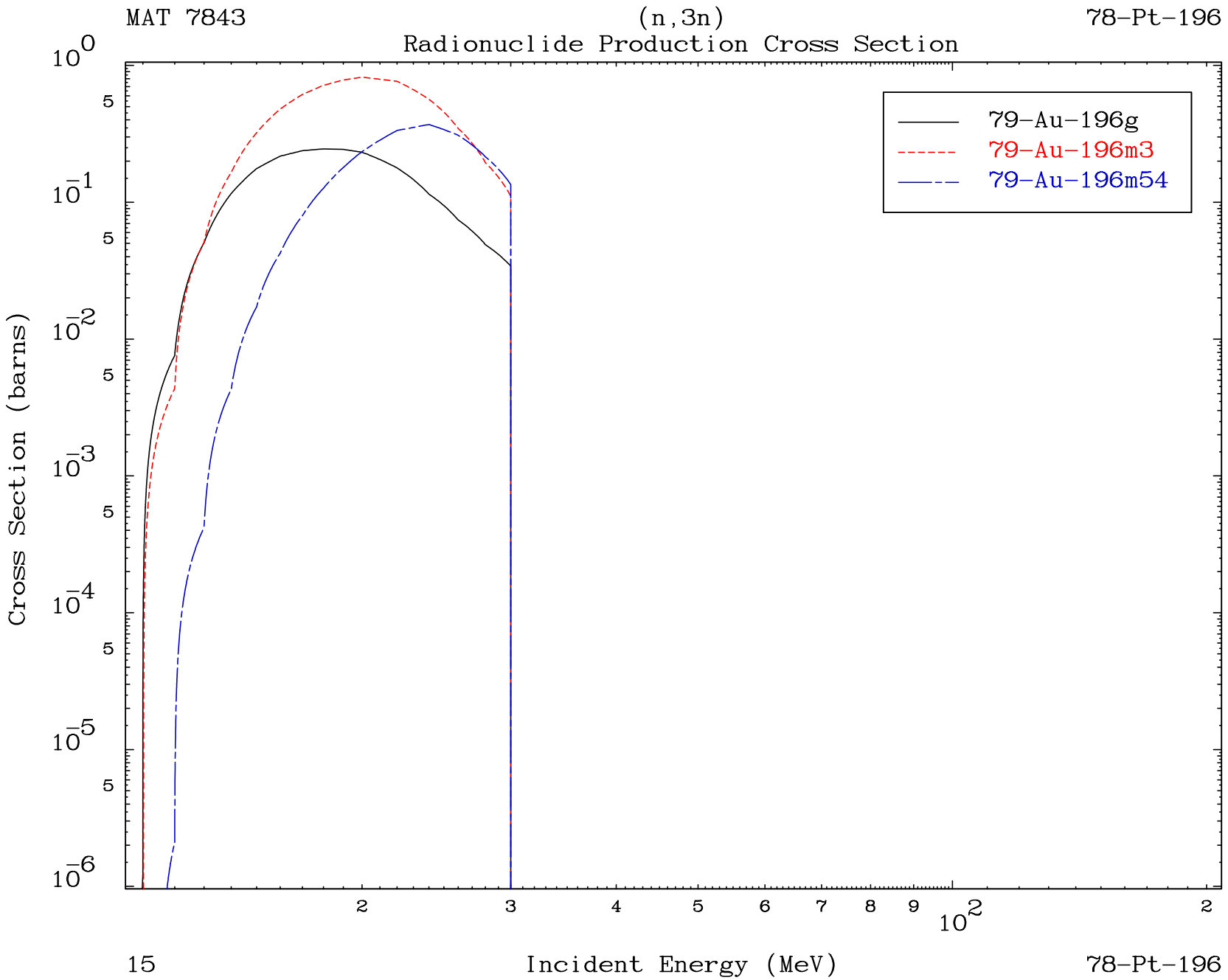

MAT 7843
(t,He3) Levels
78-Pt-196
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
78-Pt-196

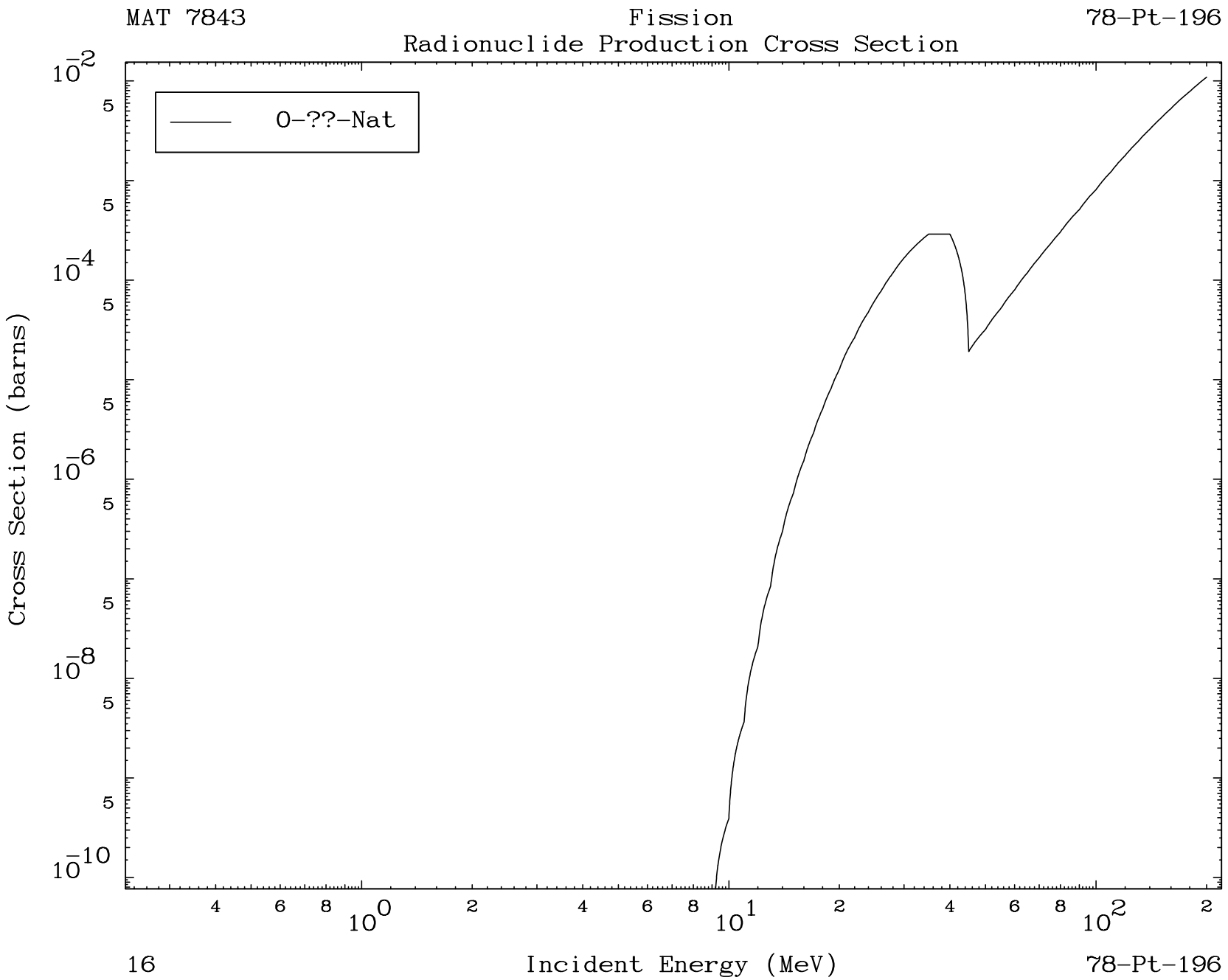

0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)


MAT 7843
Inelastic
78-Pt-196
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m51
Cross Section (barns)
Incident Energy (MeV)
12
78-Pt-196


MAT 7843
(n,2n) d
78-Pt-196
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
6
7
8
9
10 2
Incident Energy (MeV)
13
78-Pt-196


MAT 7843
(n,2n)
78-Pt-196
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
14
78-Pt-196


MAT 7843
(n,3n)
78-Pt-196
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
Incident Energy (MeV)
15
78-Pt-196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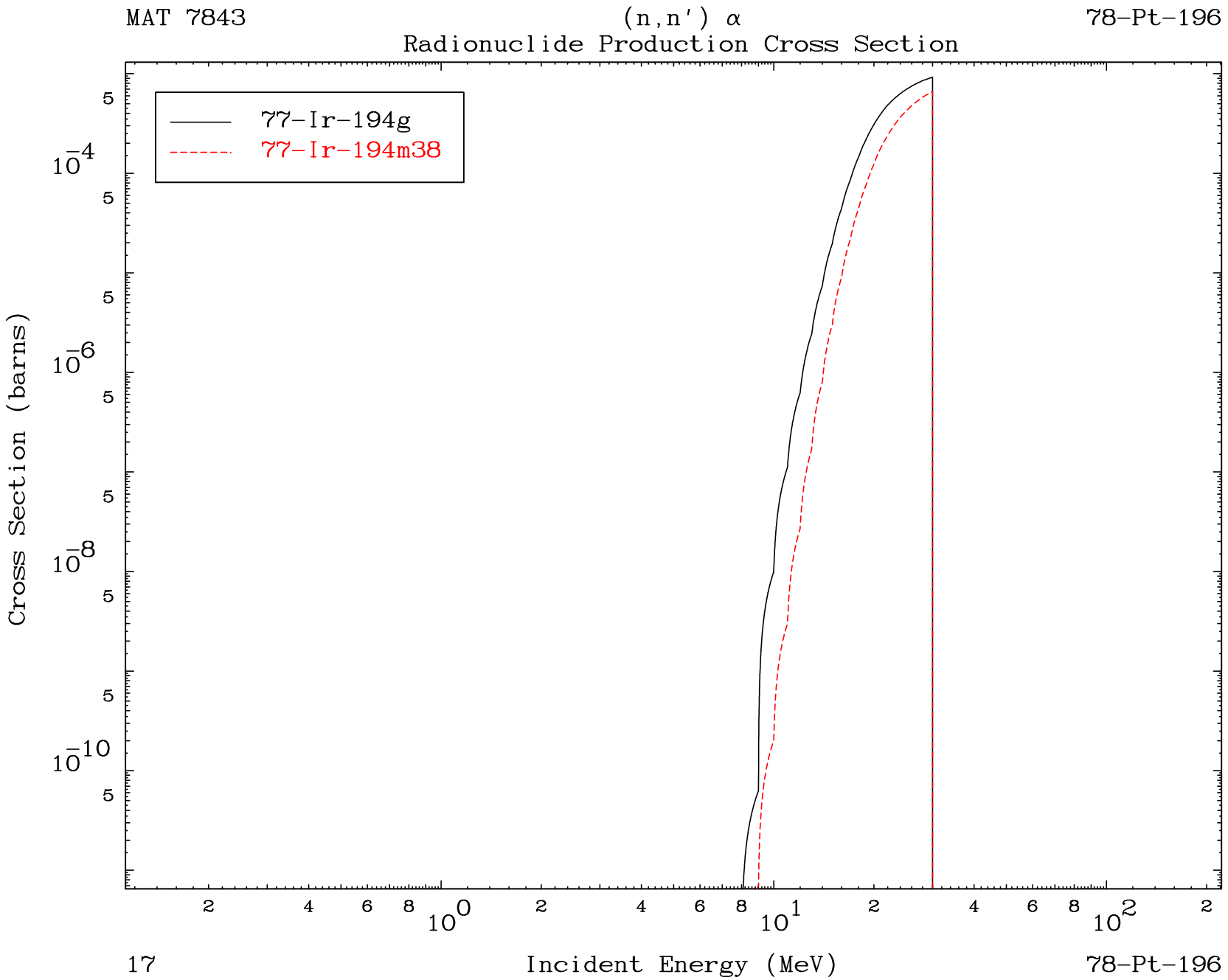
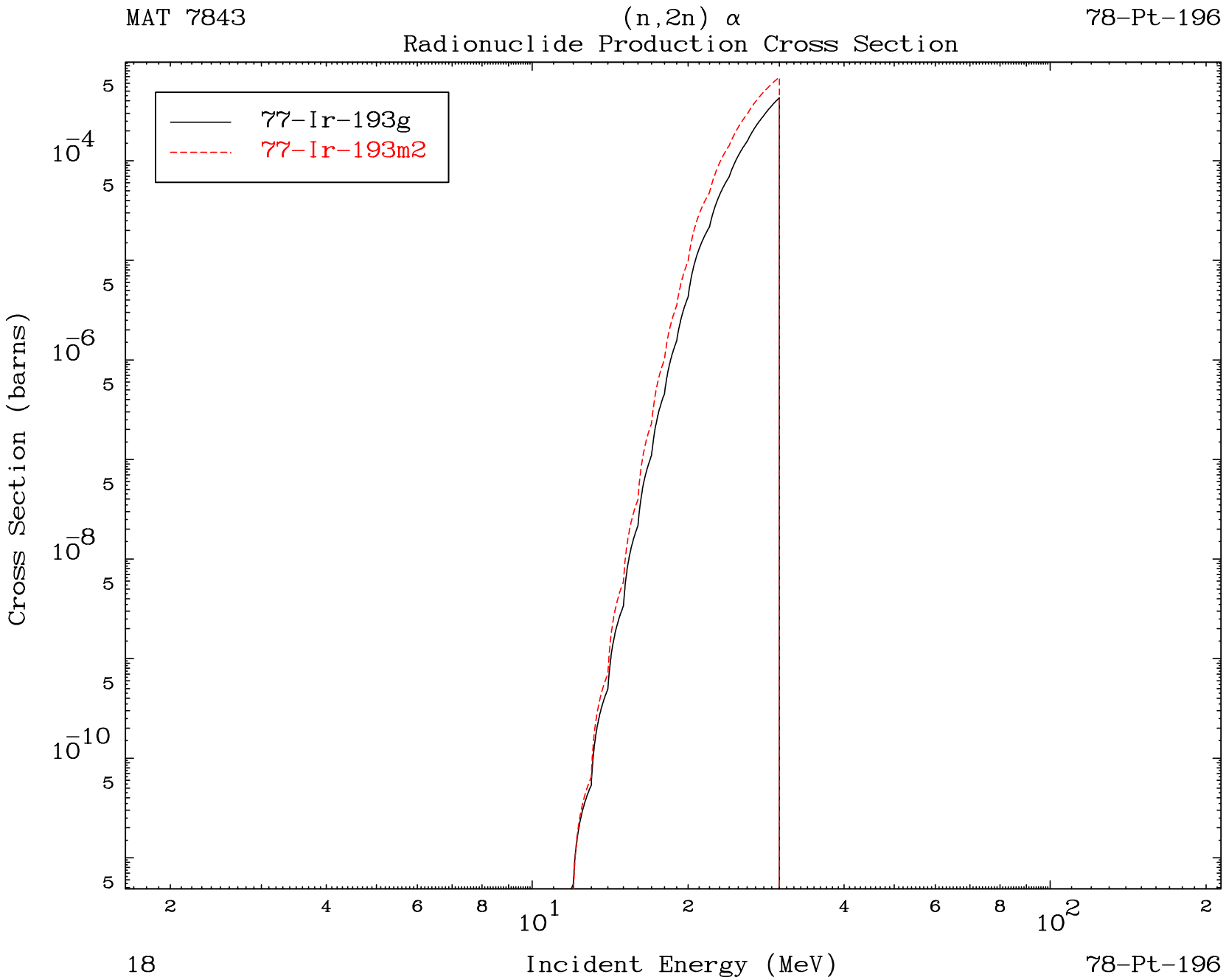
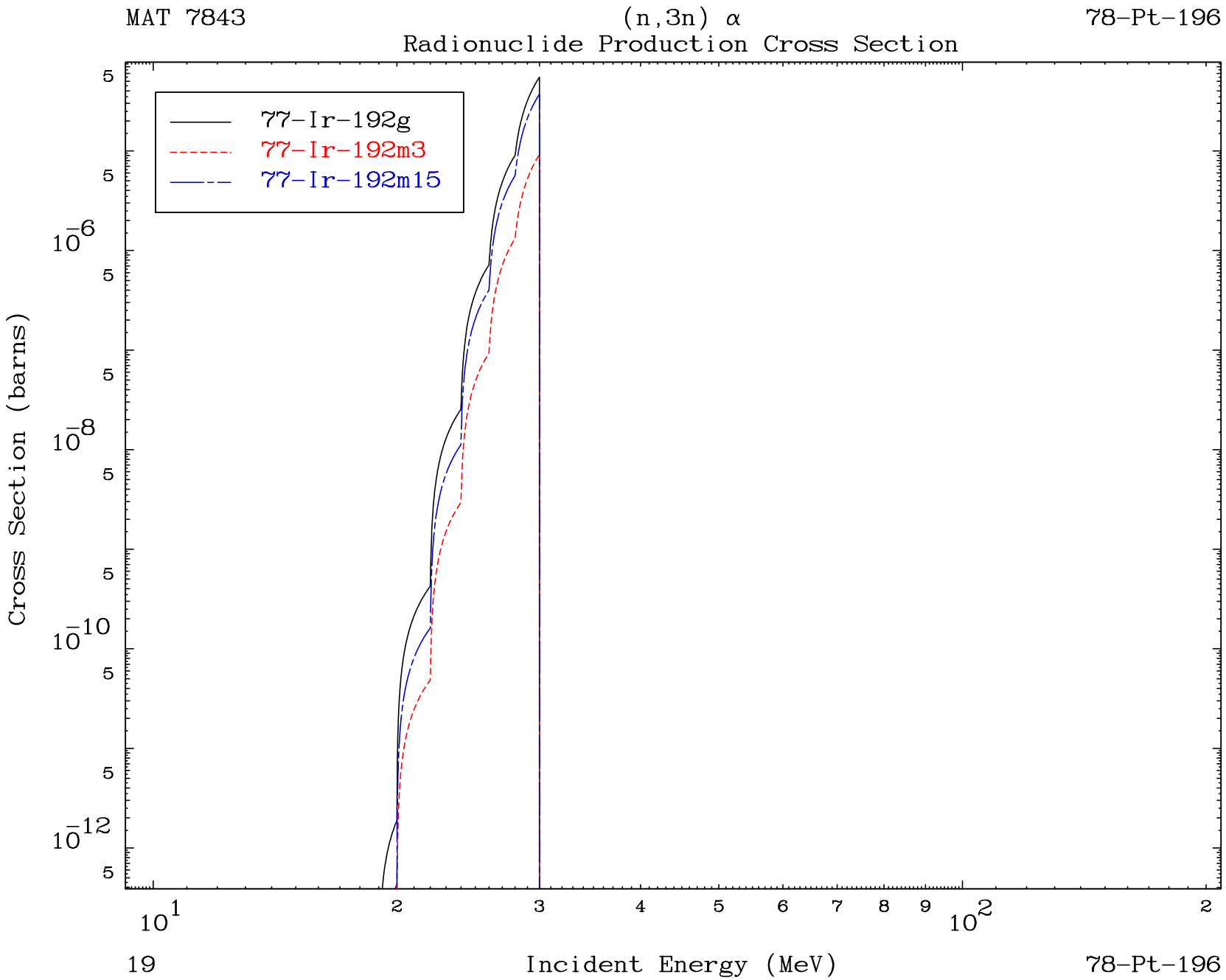
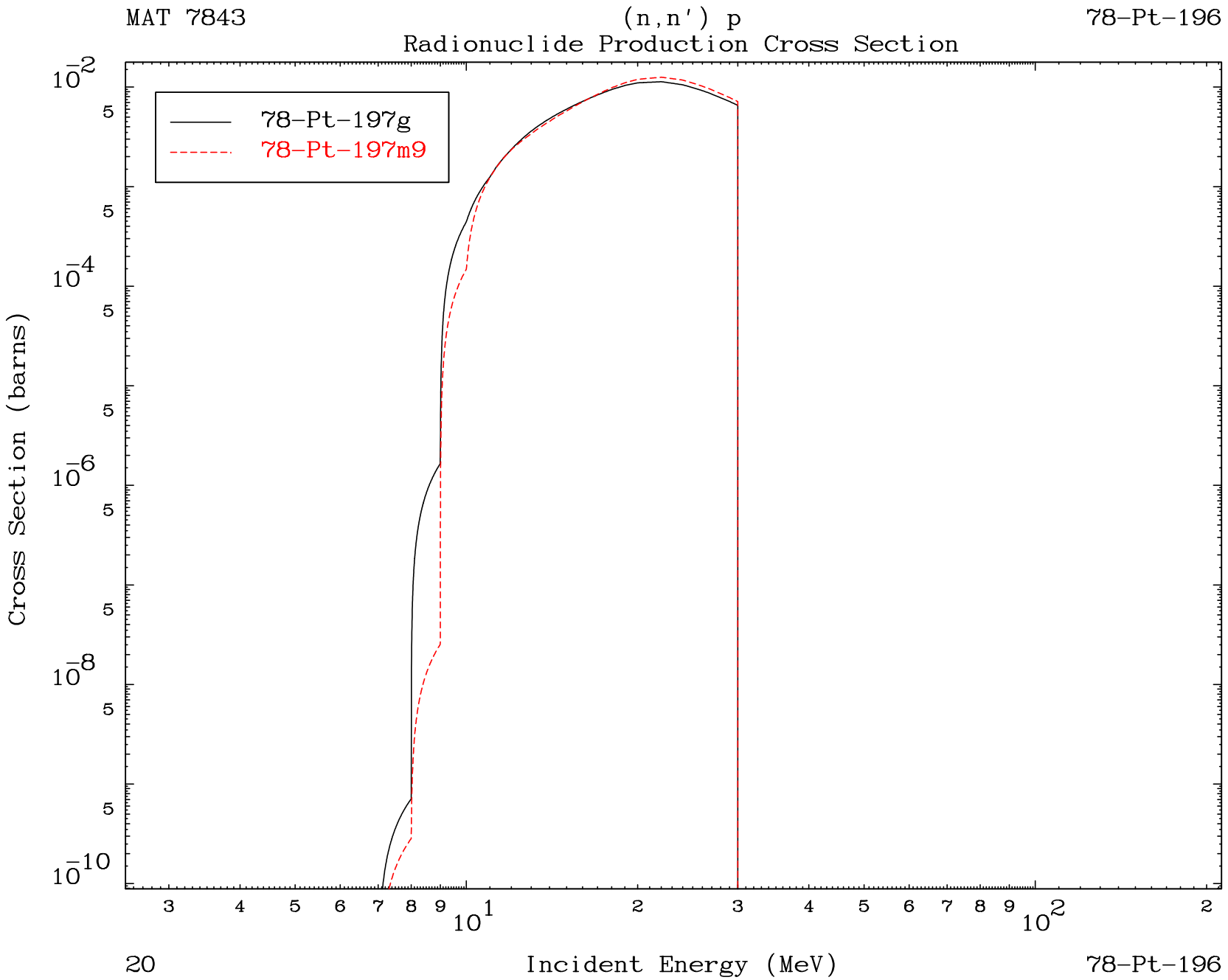
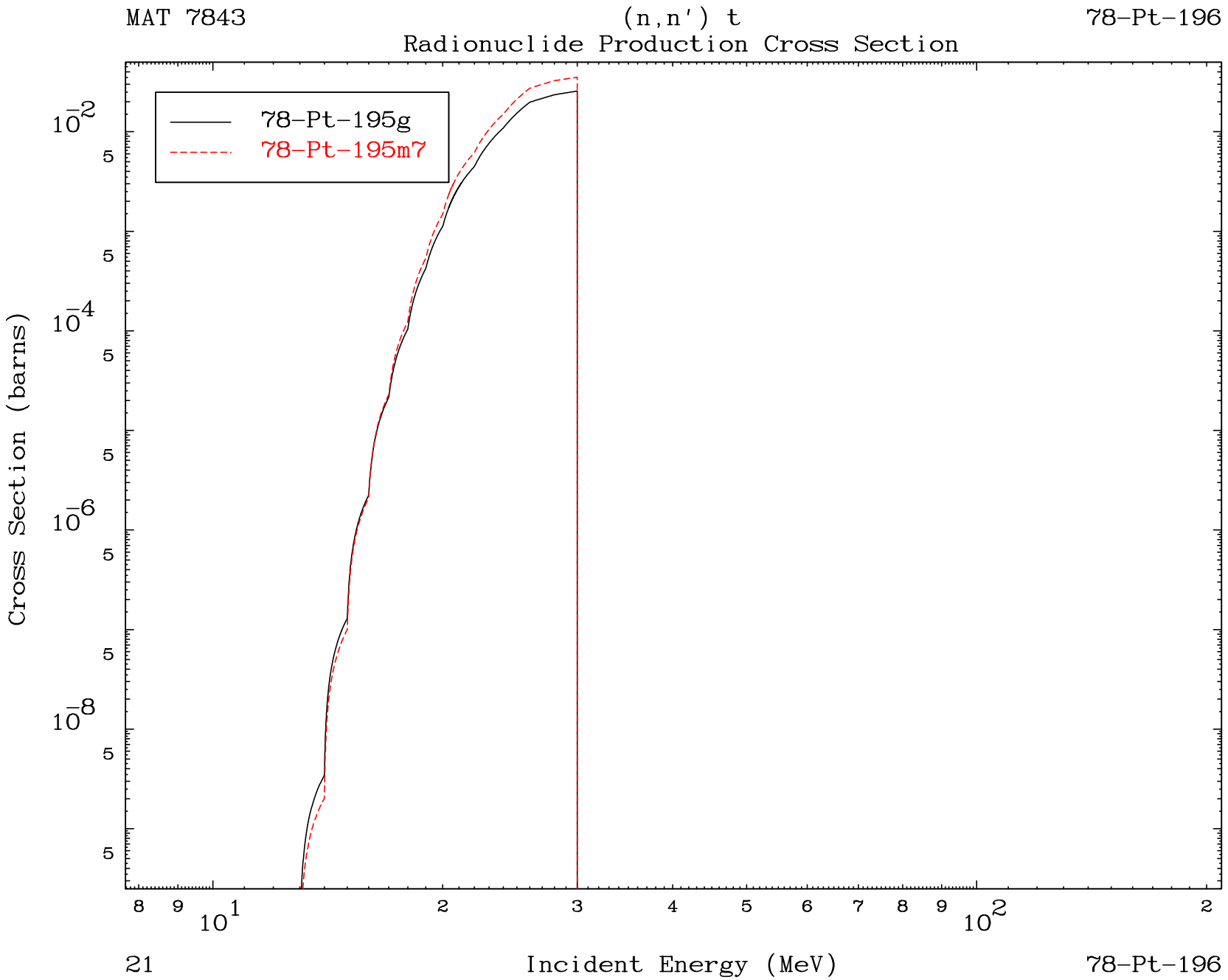
Fission
78-Pt-196
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
16
78-Pt-196

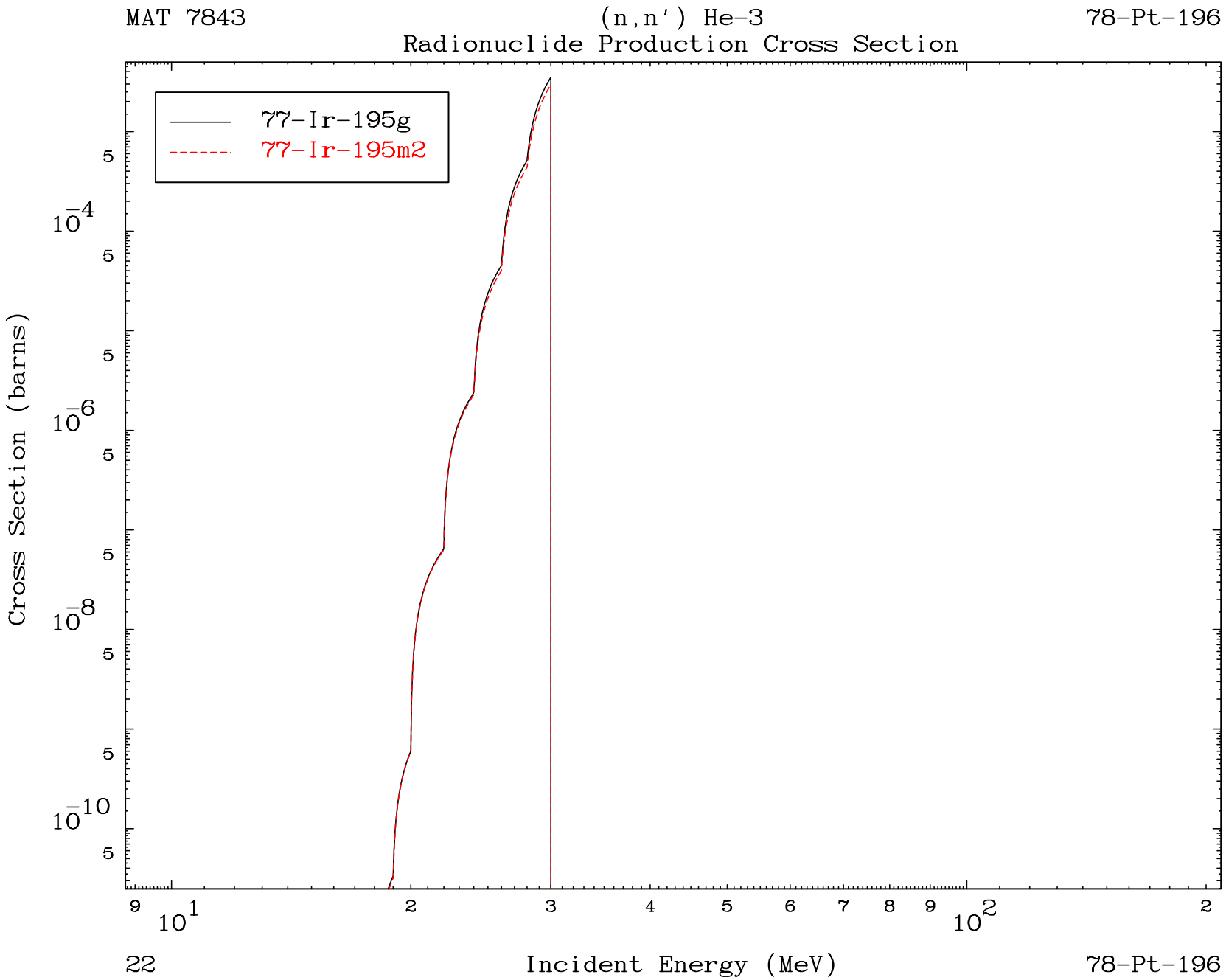

MAT 7843
(n,n') α
78-Pt-196
Radionuclide Production Cross Section
77-Ir-194g
77-Ir-194m38
Cross Section (barns)
Incident Energy (MeV)
17
78-Pt-196

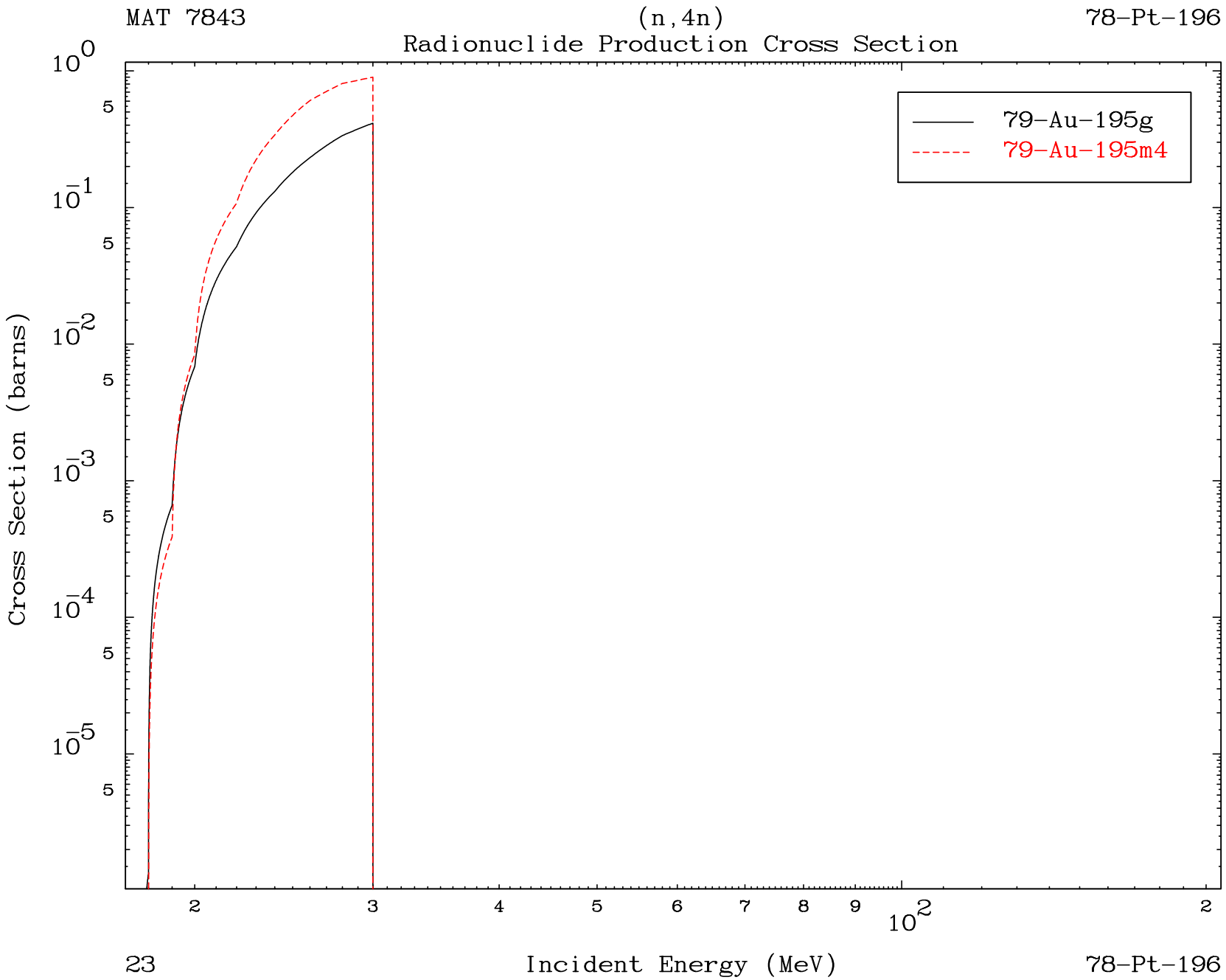

MAT 7843
(n,2n) α
78-Pt-196
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
Incident Energy (MeV)
18
78-Pt-196

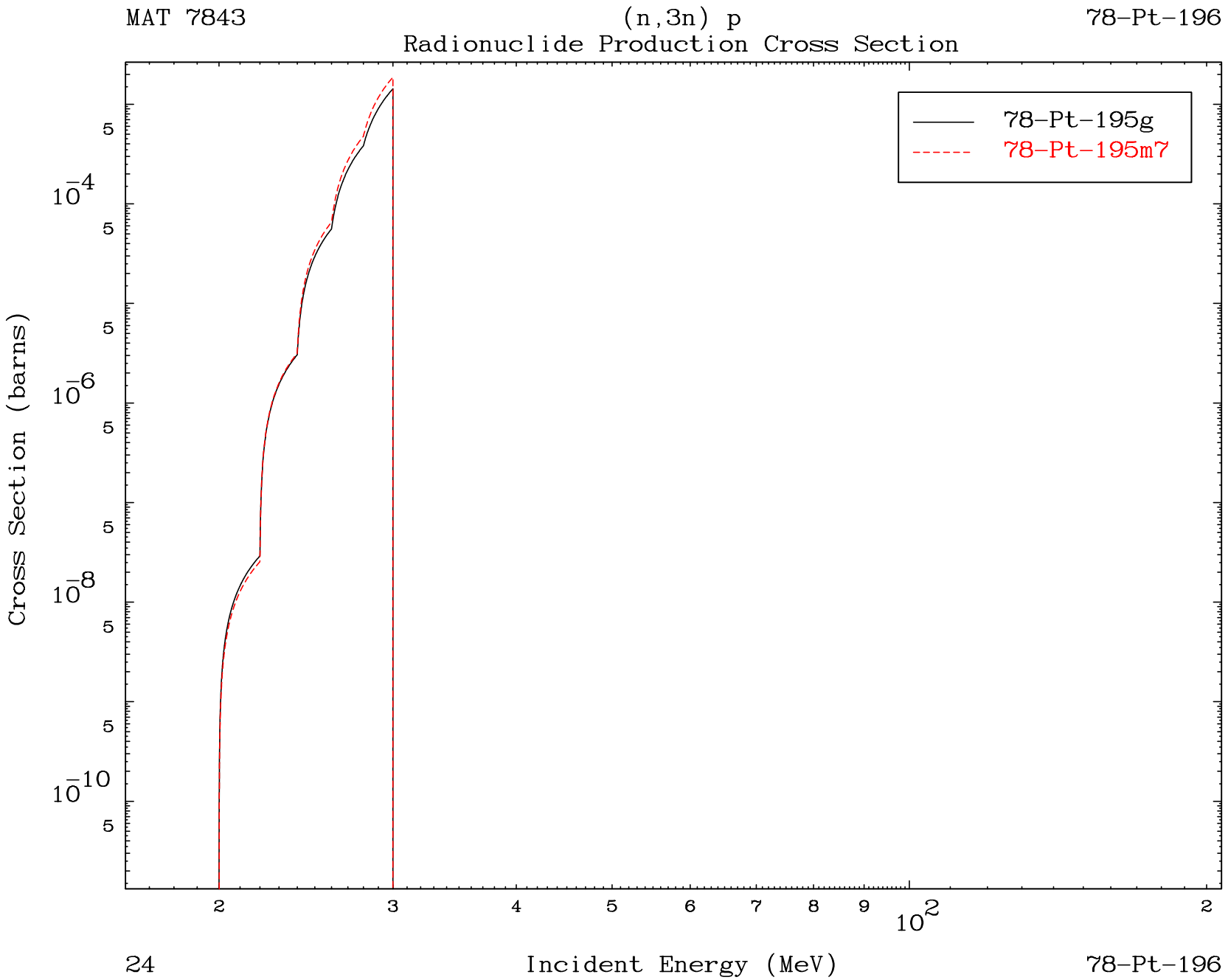

MAT 7843
(n,3n) α
78-Pt-196
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m15
Cross Section (barns)
Incident Energy (MeV)
19
78-Pt-196

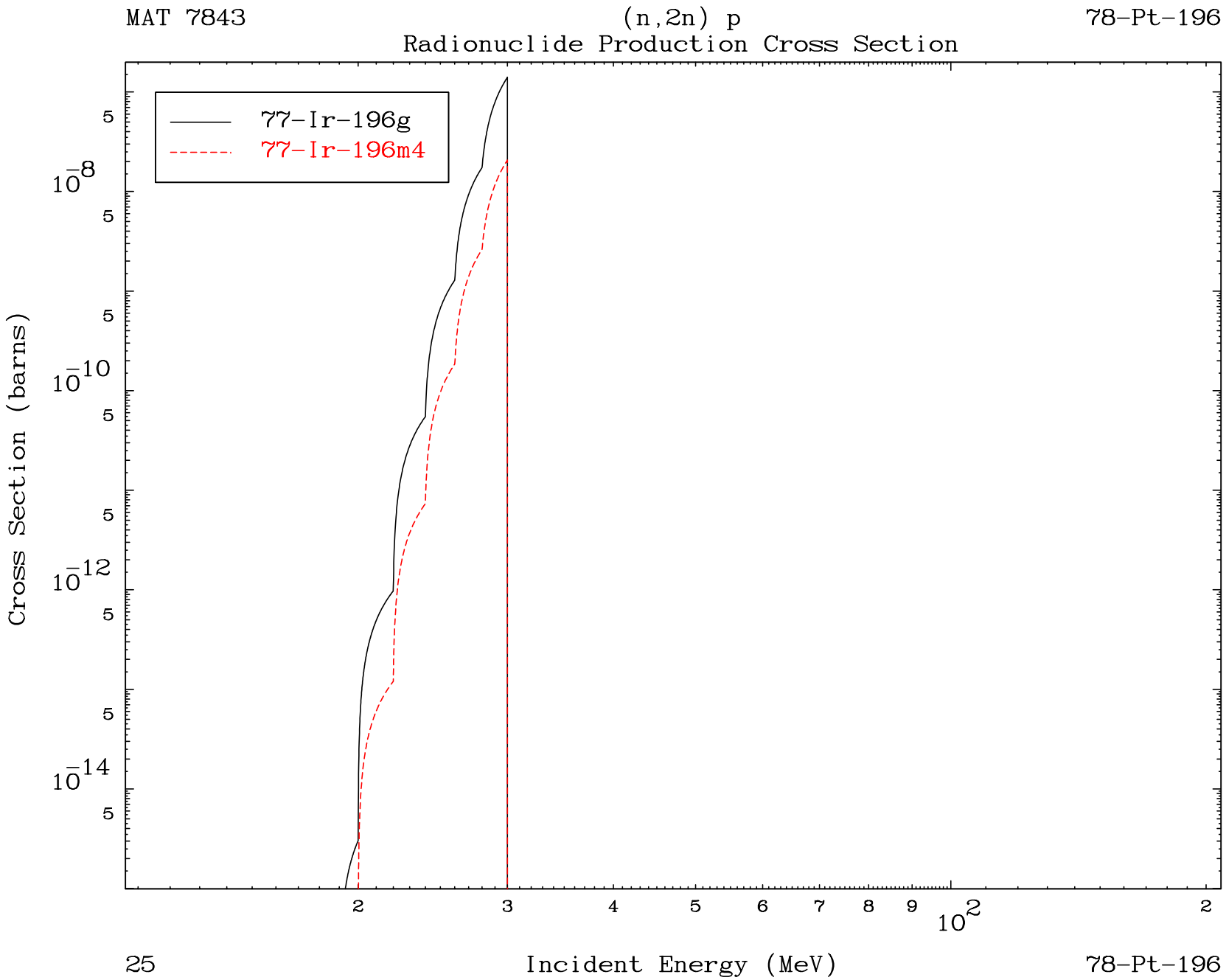

MAT 7843
(n,n') p
78-Pt-196
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
Incident Energy (MeV)
20
78-Pt-196


MAT 7843
(n,n') t
78-Pt-196
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
21
78-Pt-196


MAT 7843
(n,n') He-3
78-Pt-196
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
78-Pt-196


MAT 7843
(n,4n)
78-Pt-196
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
23
78-Pt-196


MAT 7843
(n,3n) p
78-Pt-196
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
78-Pt-196


MAT 7843
(n,2n) p
78-Pt-196
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
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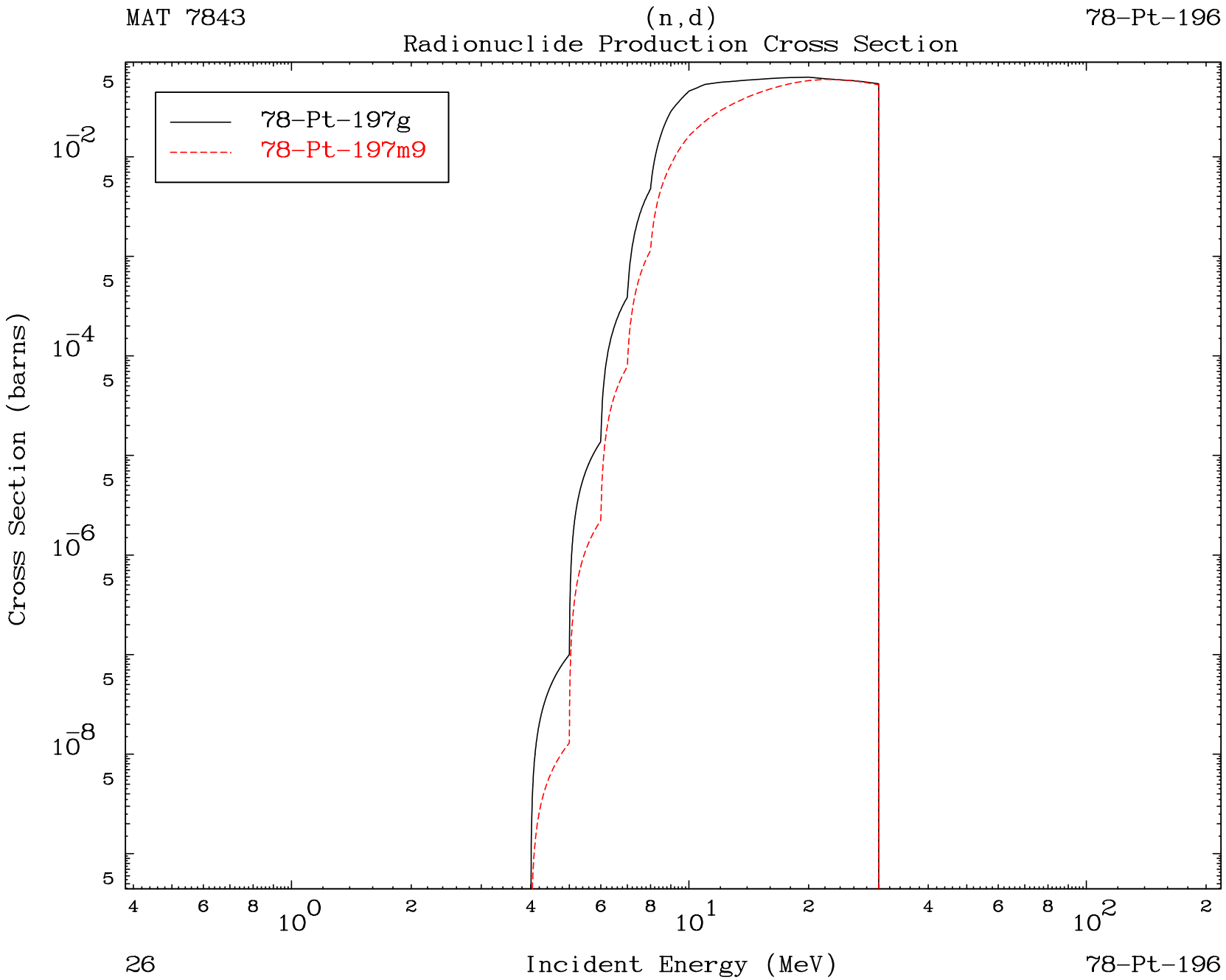
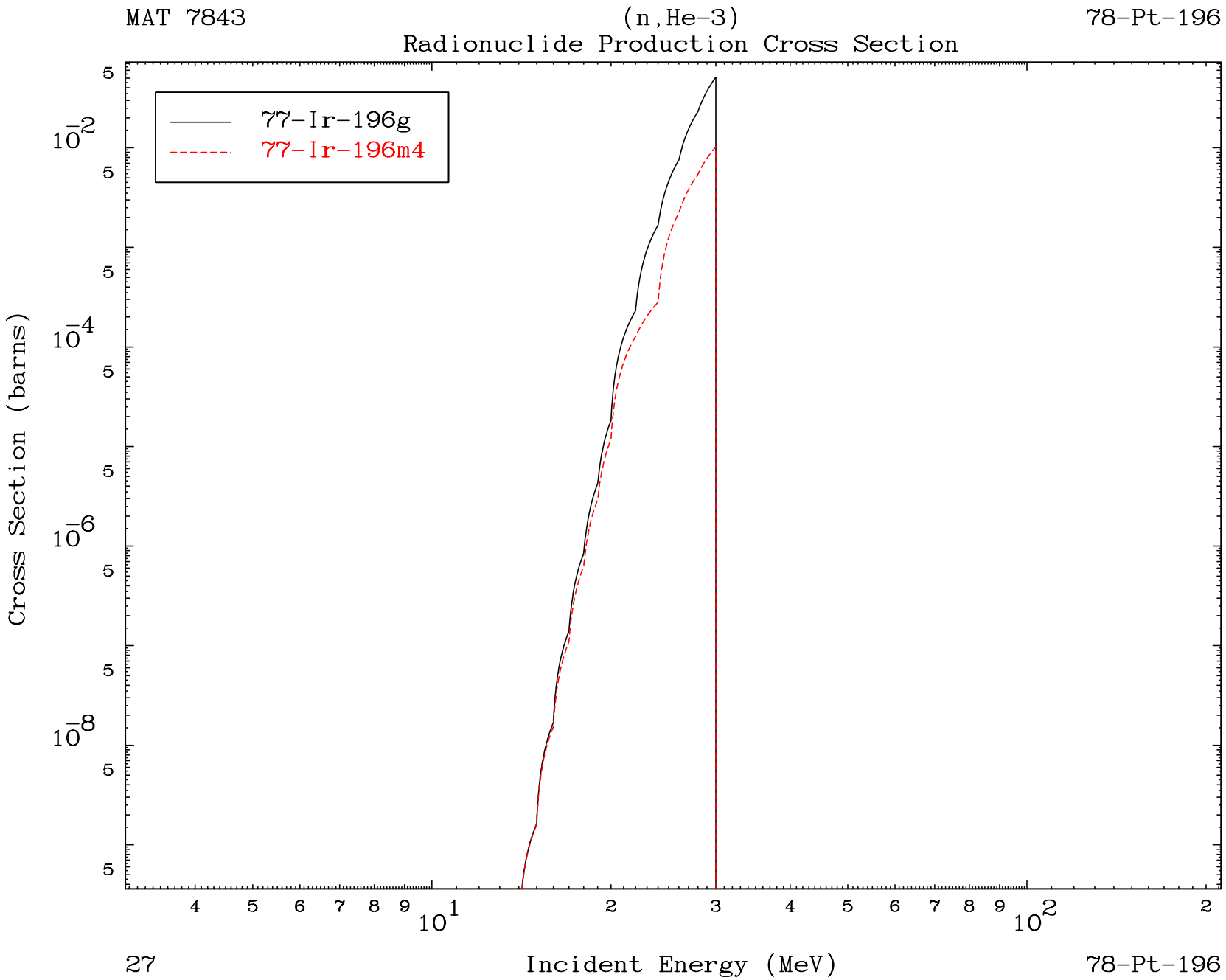
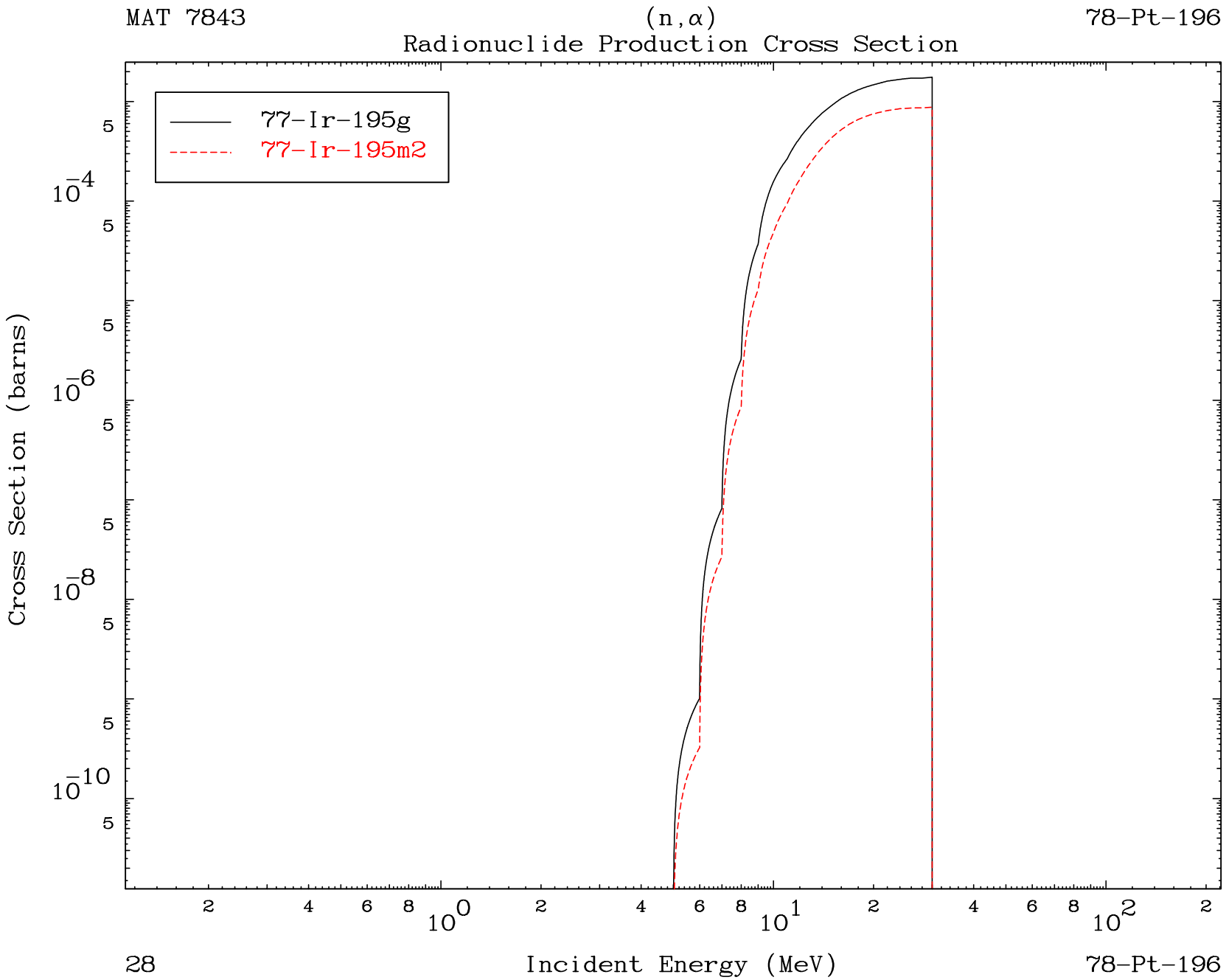
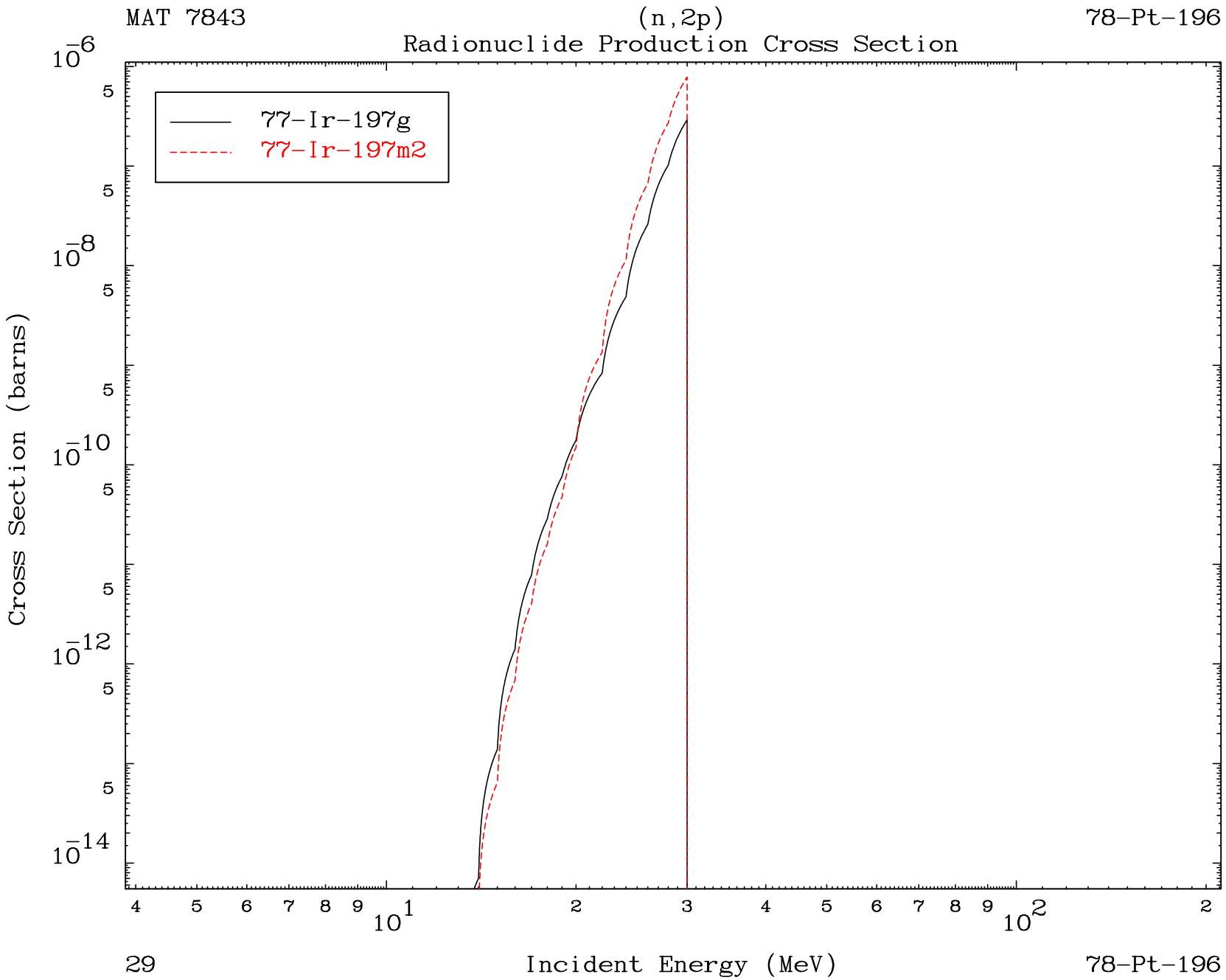
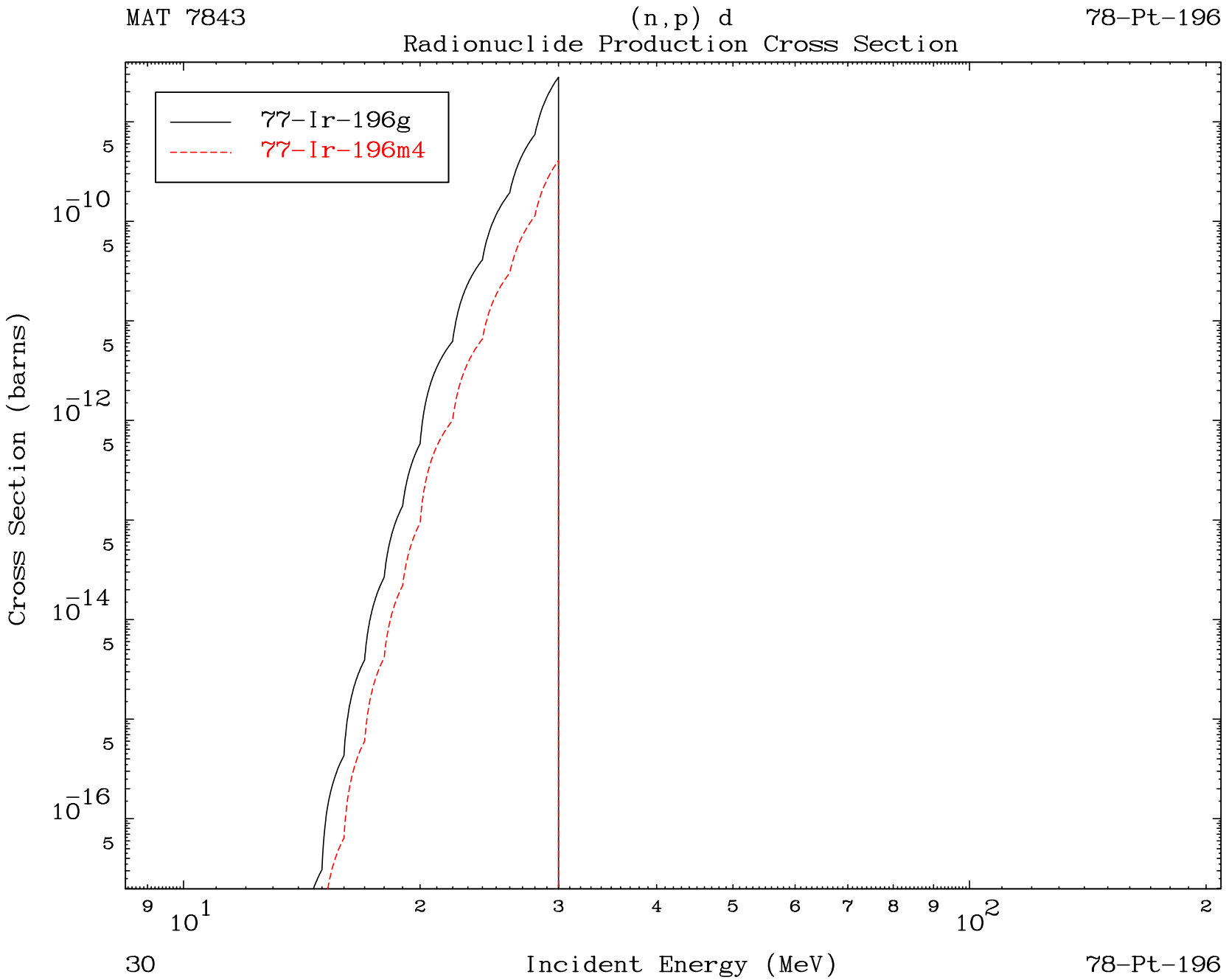
6
7
8
9
10 2
2
25
Incident Energy (MeV)
78-Pt-196

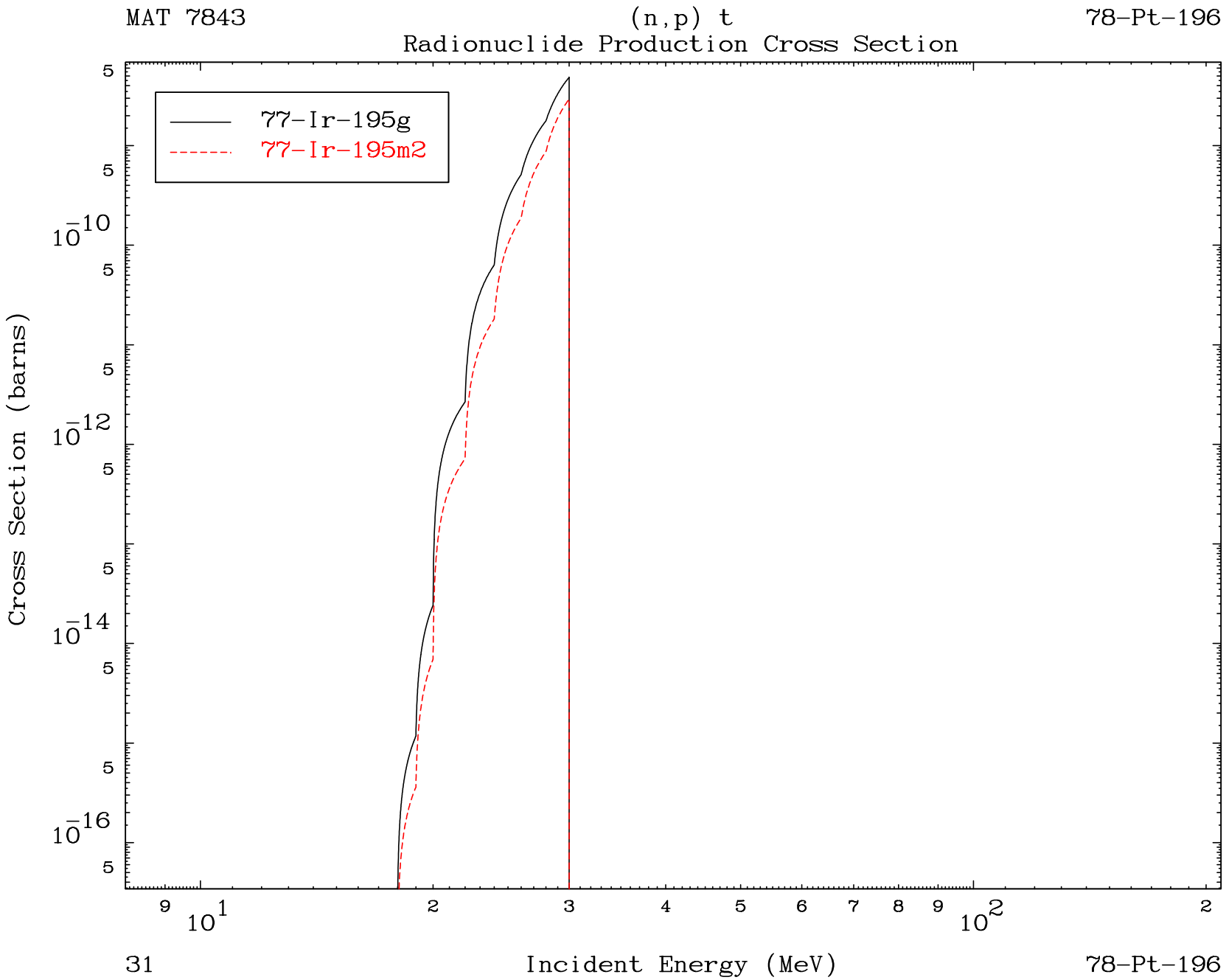

MAT 7843
(n,d)
78-Pt-196
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
Incident Energy (MeV)
26
78-Pt-196


MAT 7843
(n,He-3)
78-Pt-196
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
Incident Energy (MeV)
27
78-Pt-196


MAT 7843
(n,α)
78-Pt-196
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
28
78-Pt-196


MAT 7843
(n,2p)
78-Pt-196
Radionuclide Production Cross Section
77-Ir-197g
77-Ir-197m2
Cross Section (barns)
Incident Energy (MeV)
29
78-Pt-196


MAT 7843
(n,p) d
78-Pt-196
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
30
Incident Energy (MeV)
78-Pt-196


MAT 7843
(n,p) t
78-Pt-196
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
Incident Energy (MeV)
31
78-Pt-196