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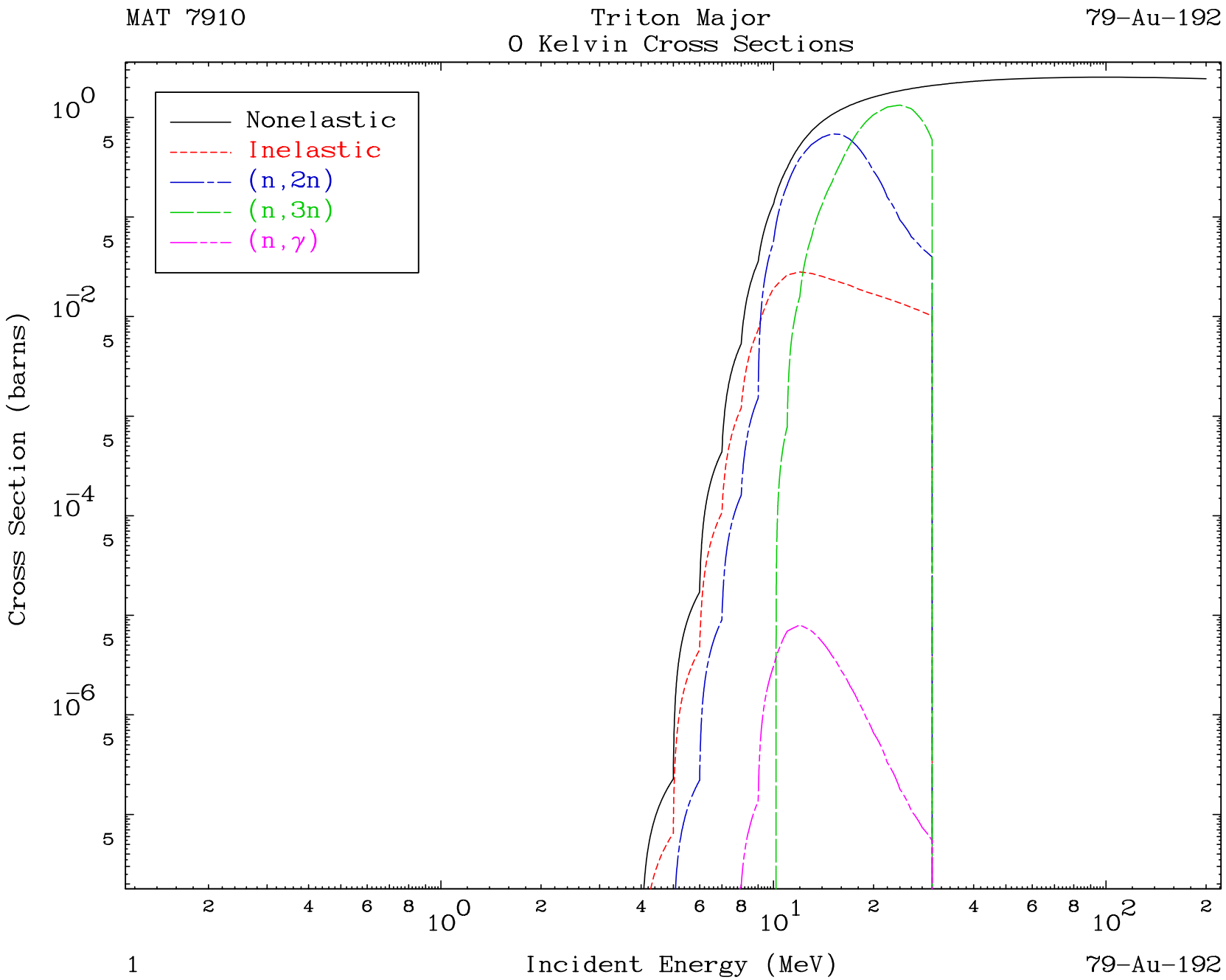
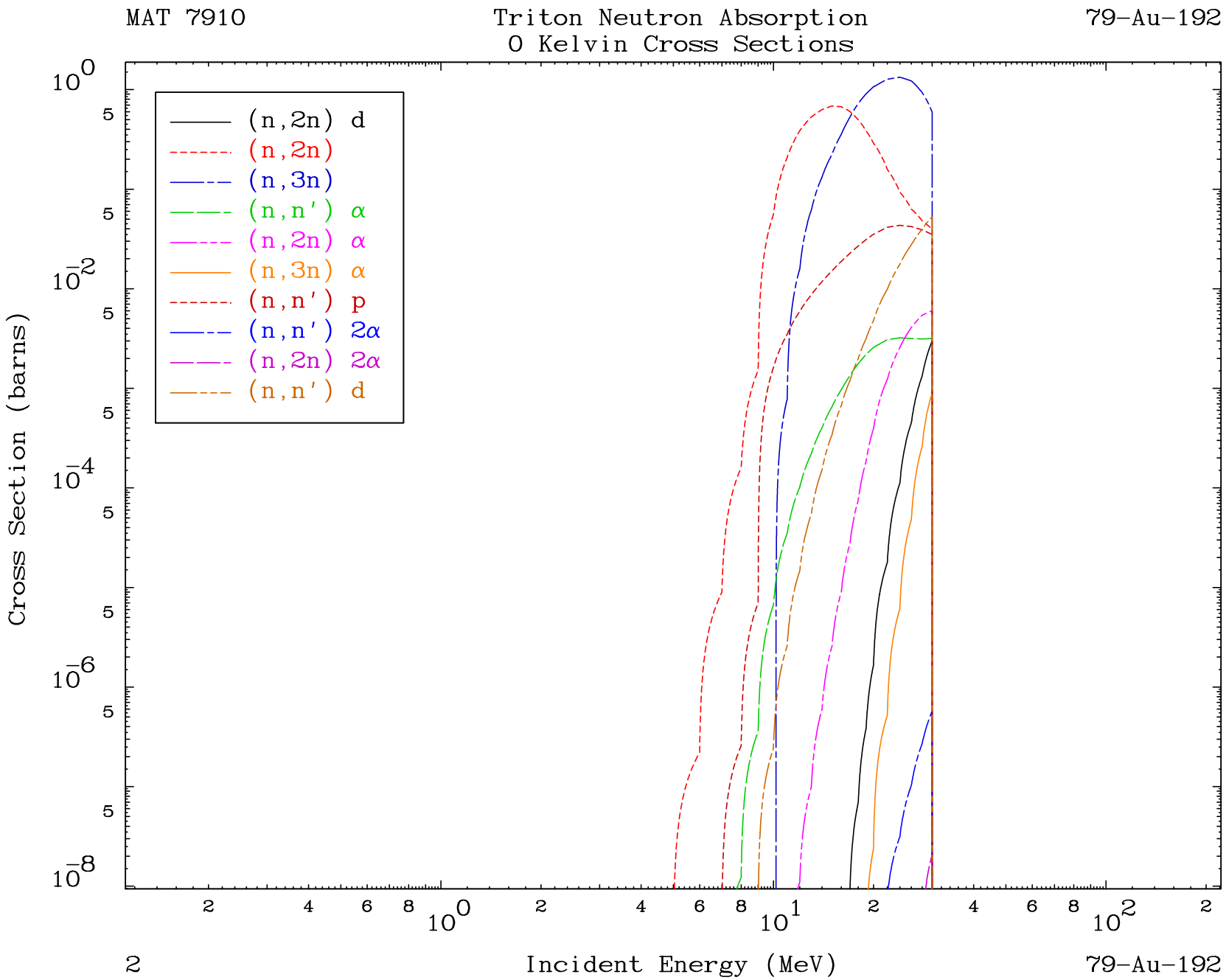
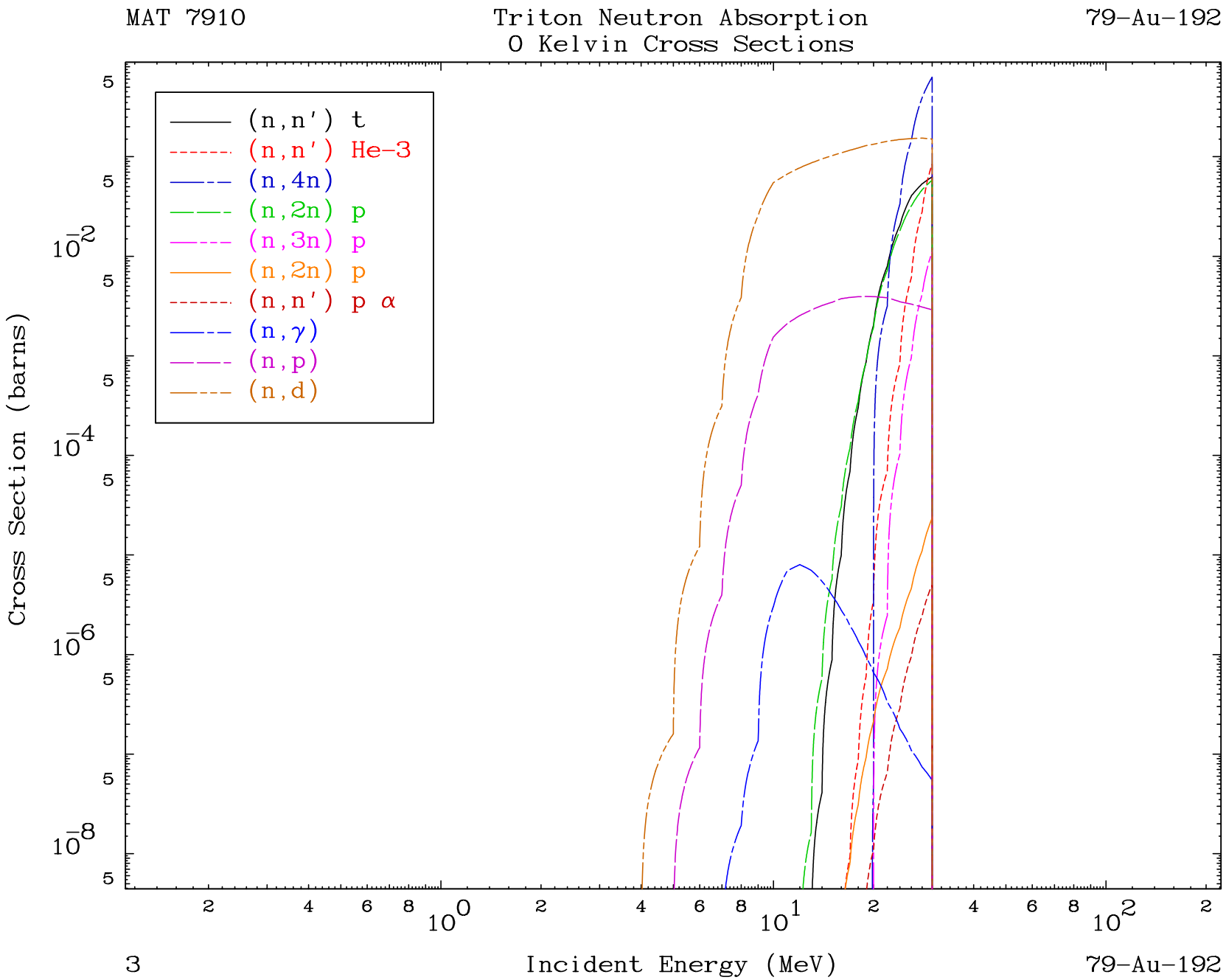
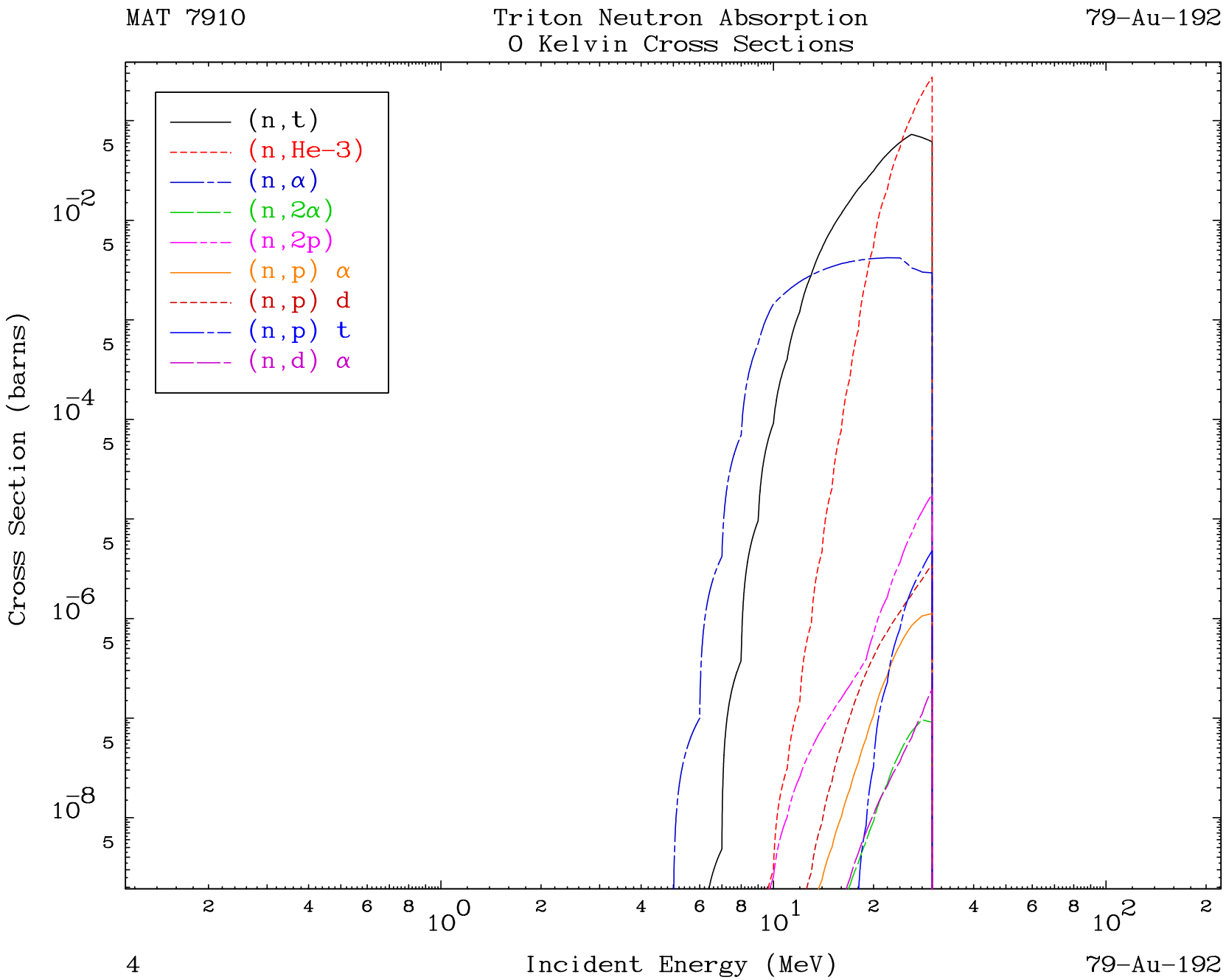
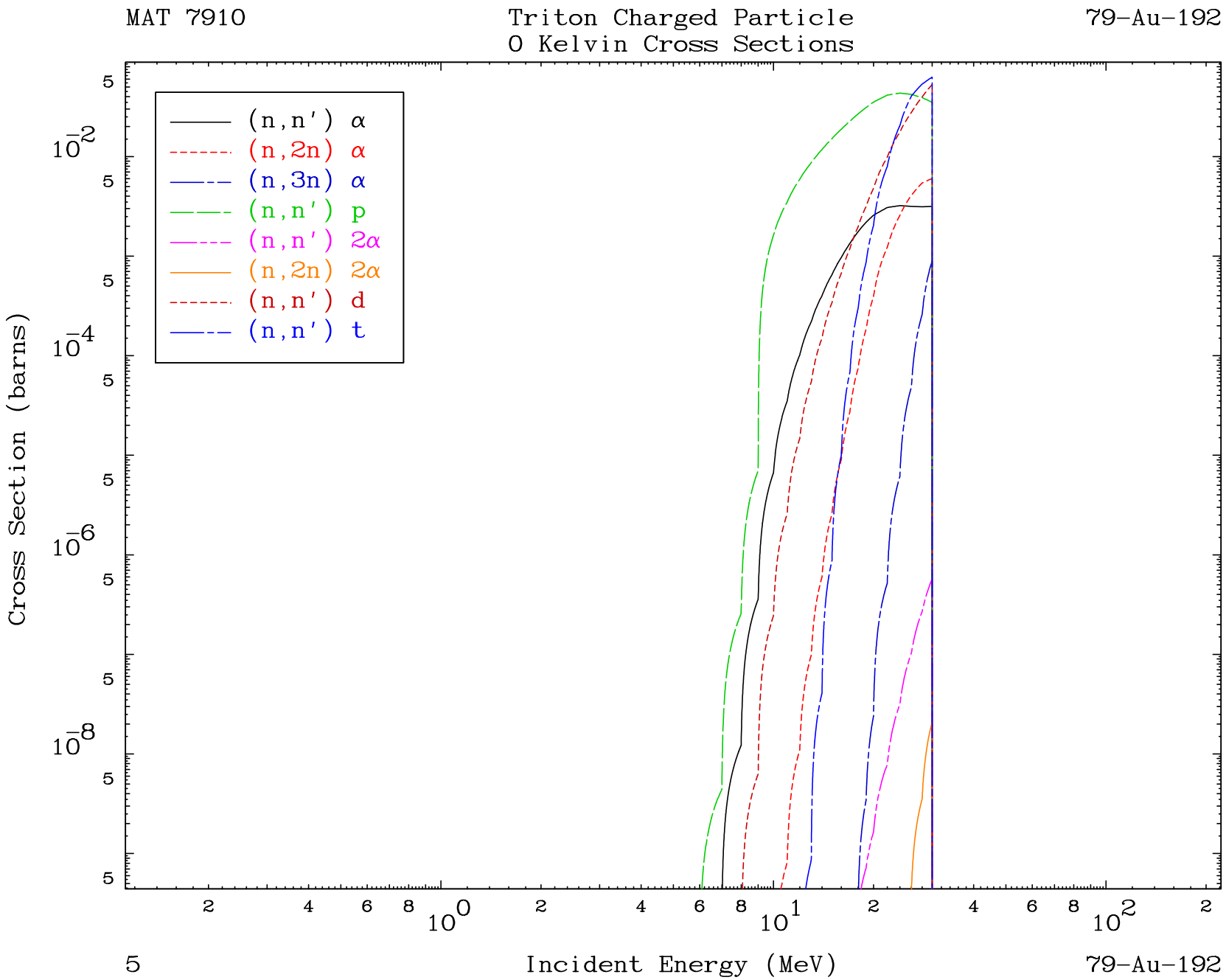
Press Mouse Button to Start

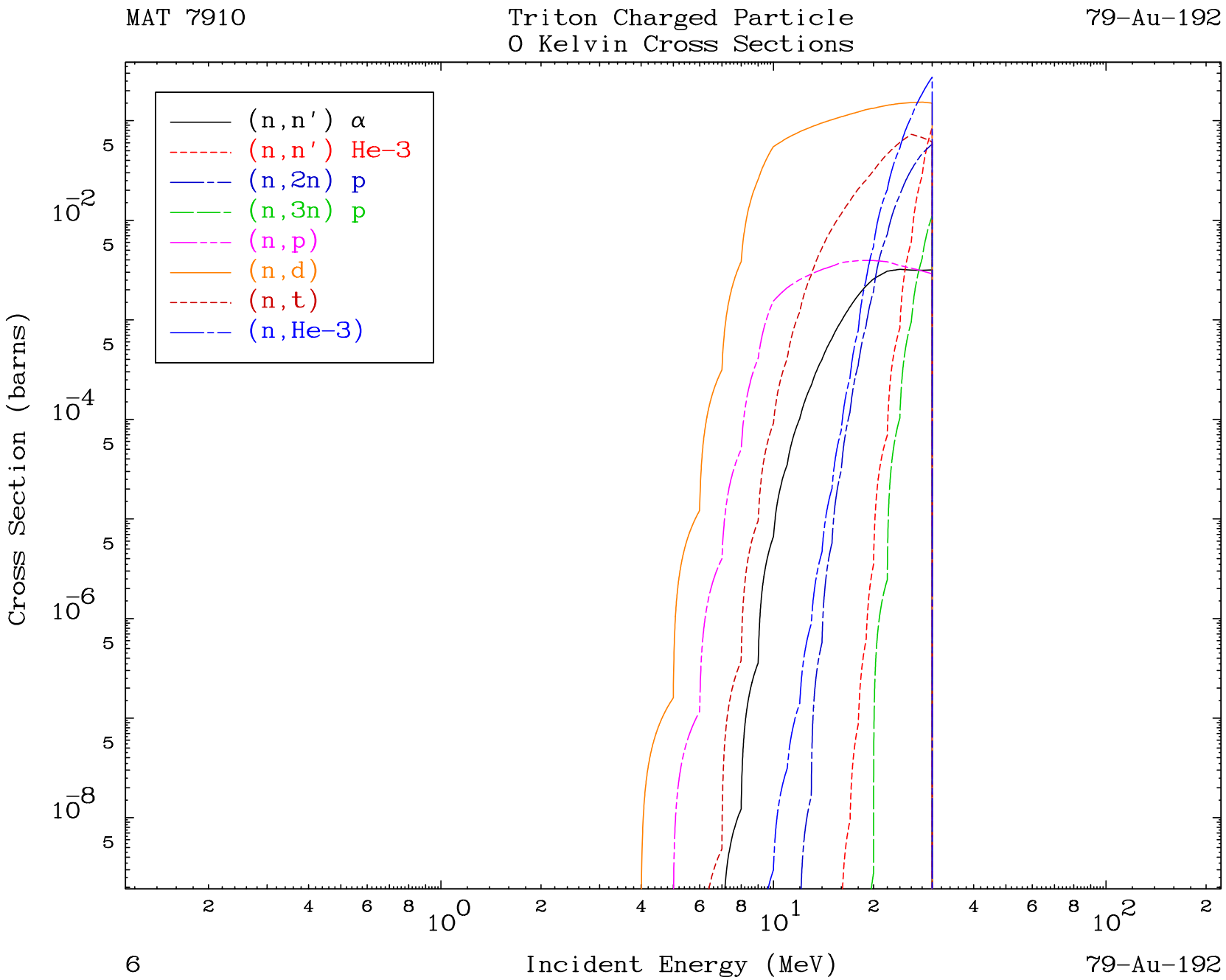

MAT 7910
Triton Major
79-Au-192
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
79-Au-192

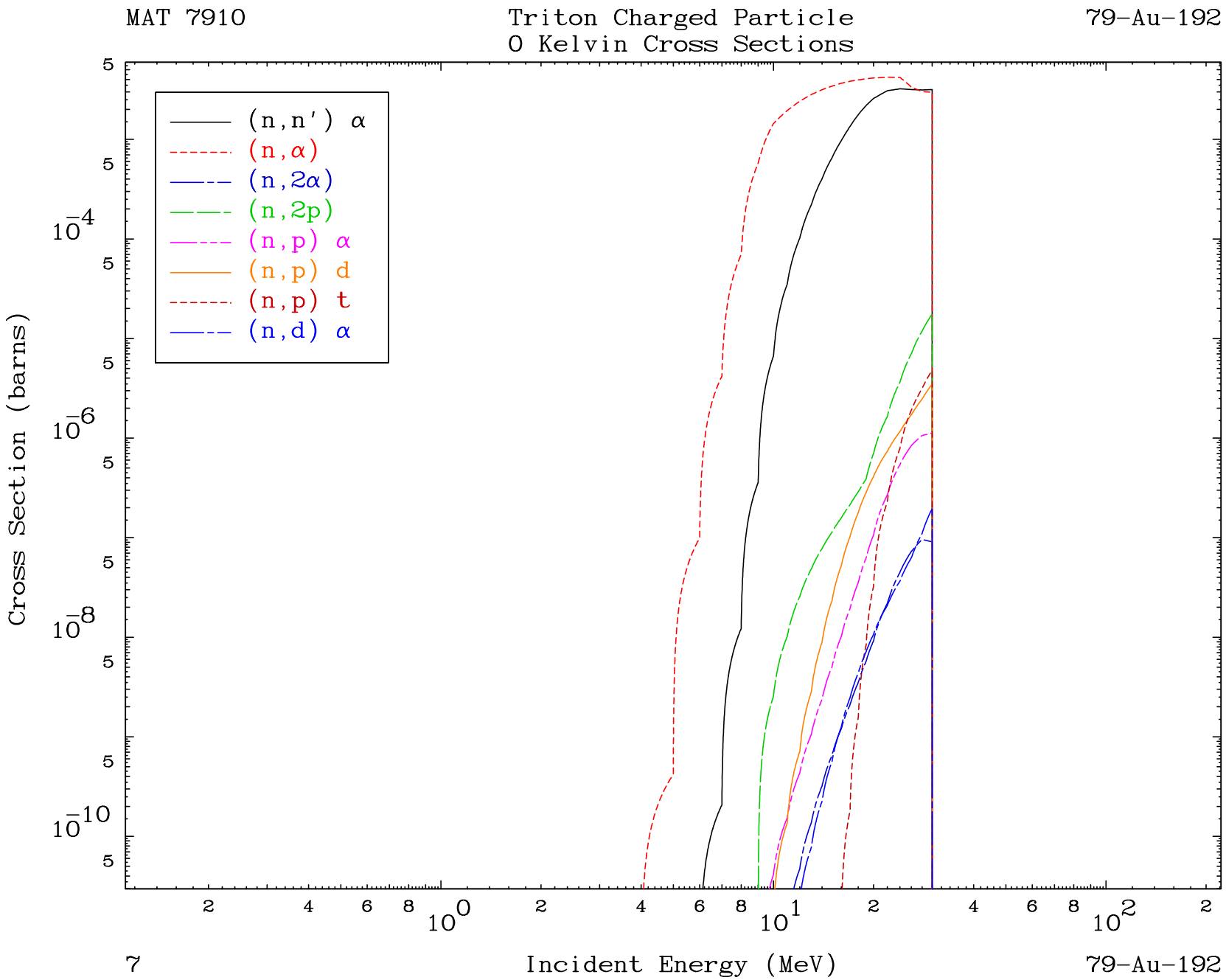

MAT 7910
Triton Neutron Absorption
0 Kelvin Cross Sections
79-Au-192
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
79-Au-192

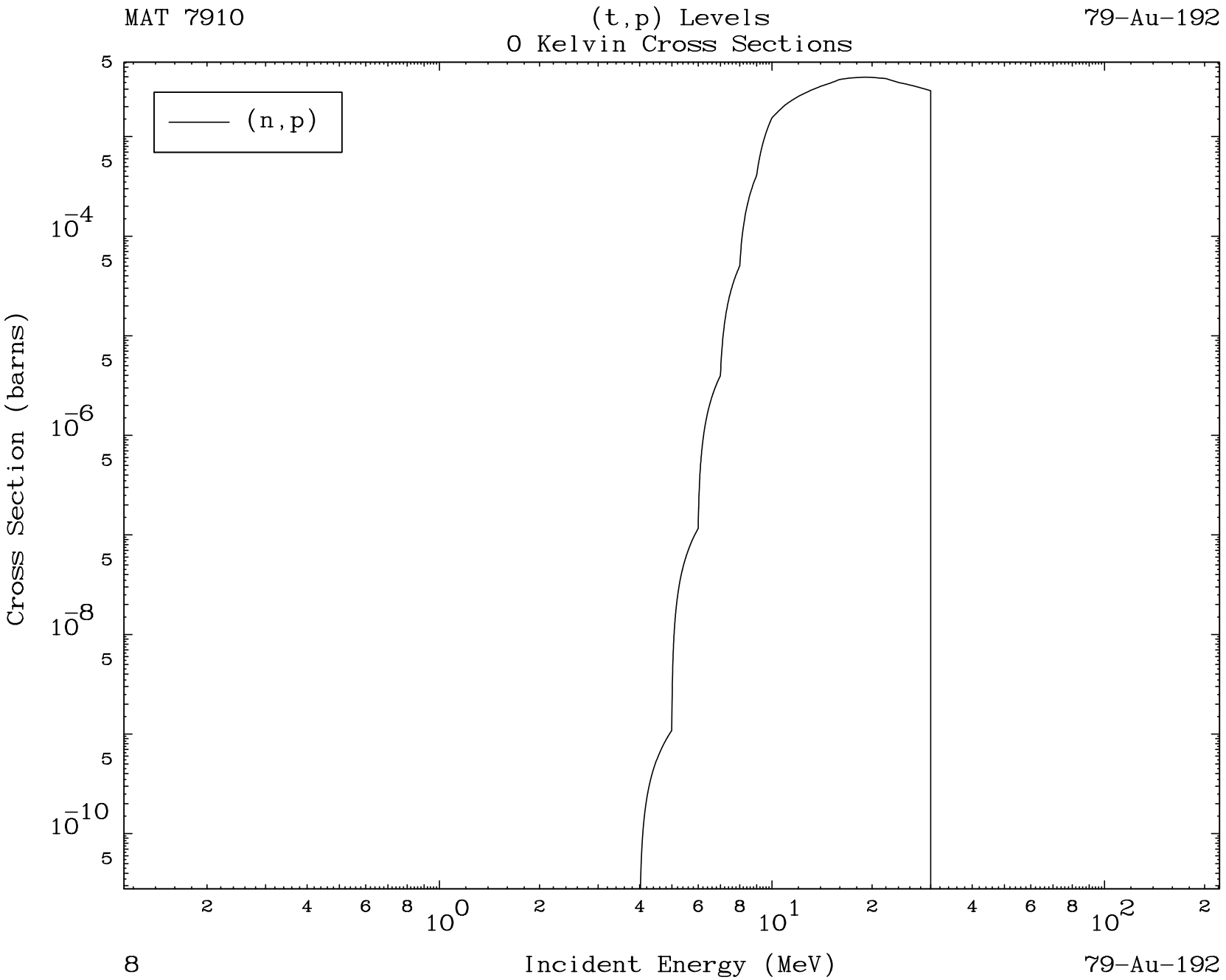

MAT 7910
Triton Neutron Absorption
0 Kelvin Cross Sections
79-Au-192
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-192

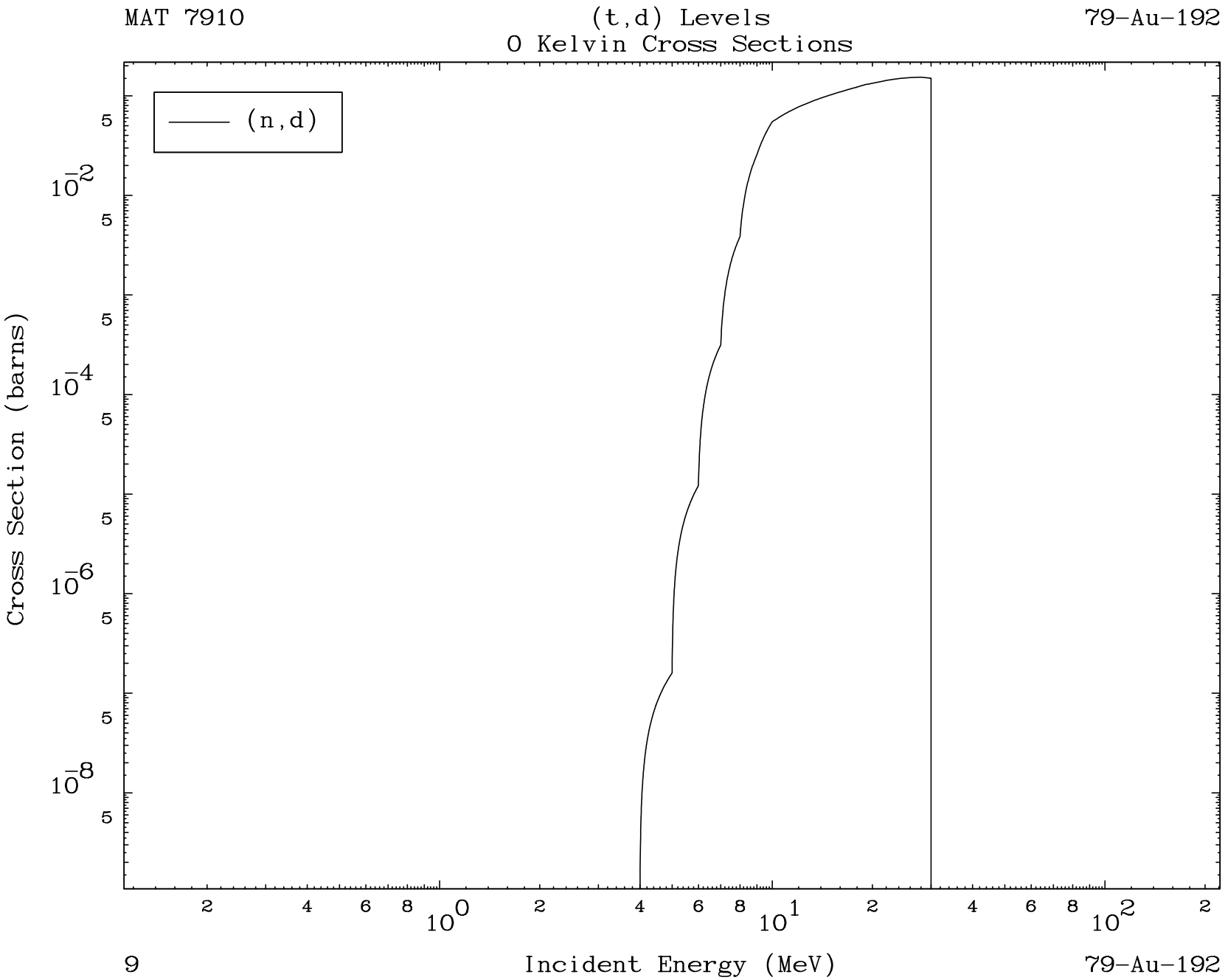

MAT 7910
Triton Neutron Absorption
0 Kelvin Cross Sections
79-Au-192
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-192

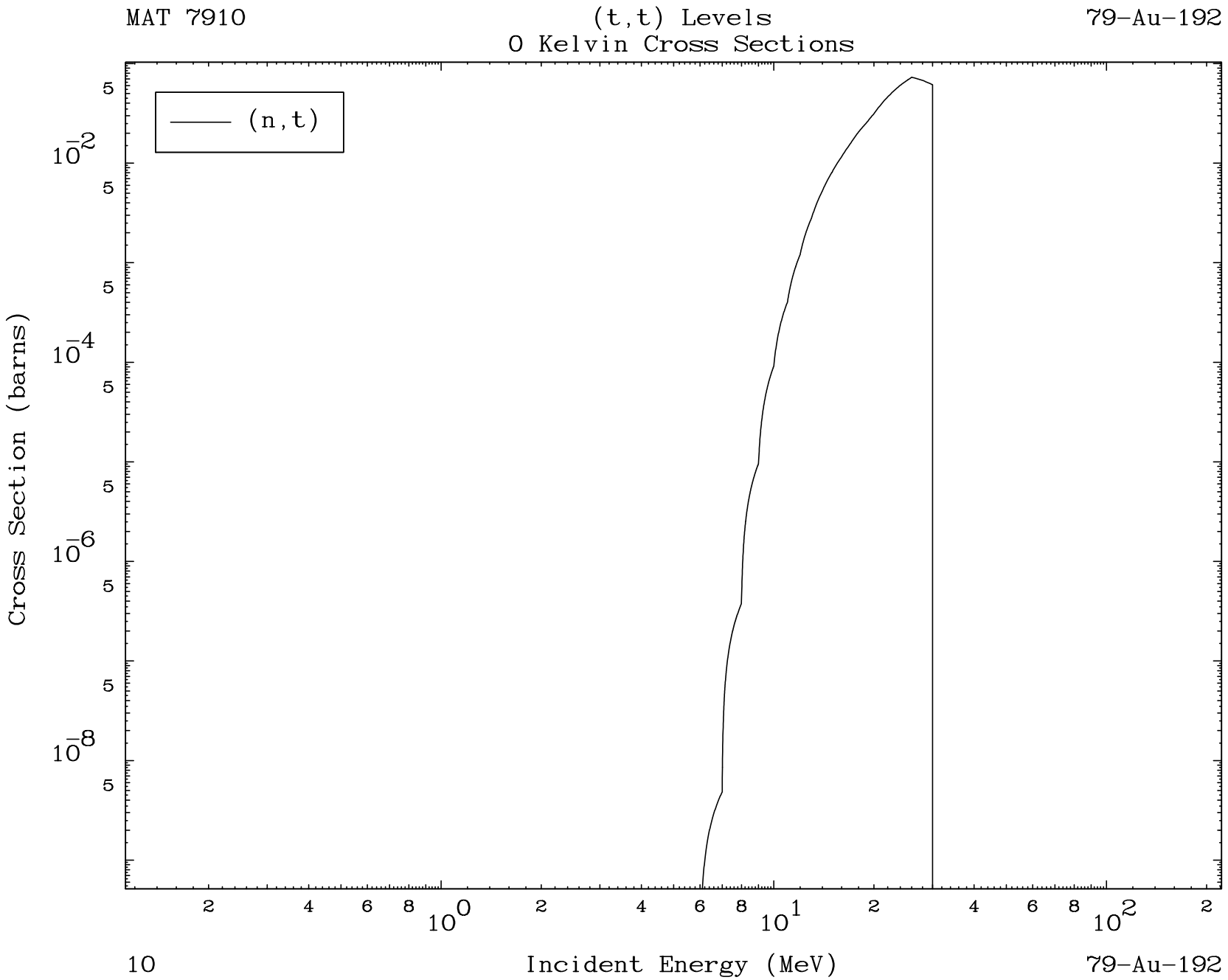

MAT 7910
Triton Charged Particle
0 Kelvin Cross Sections
79-Au-192
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
79-Au-192

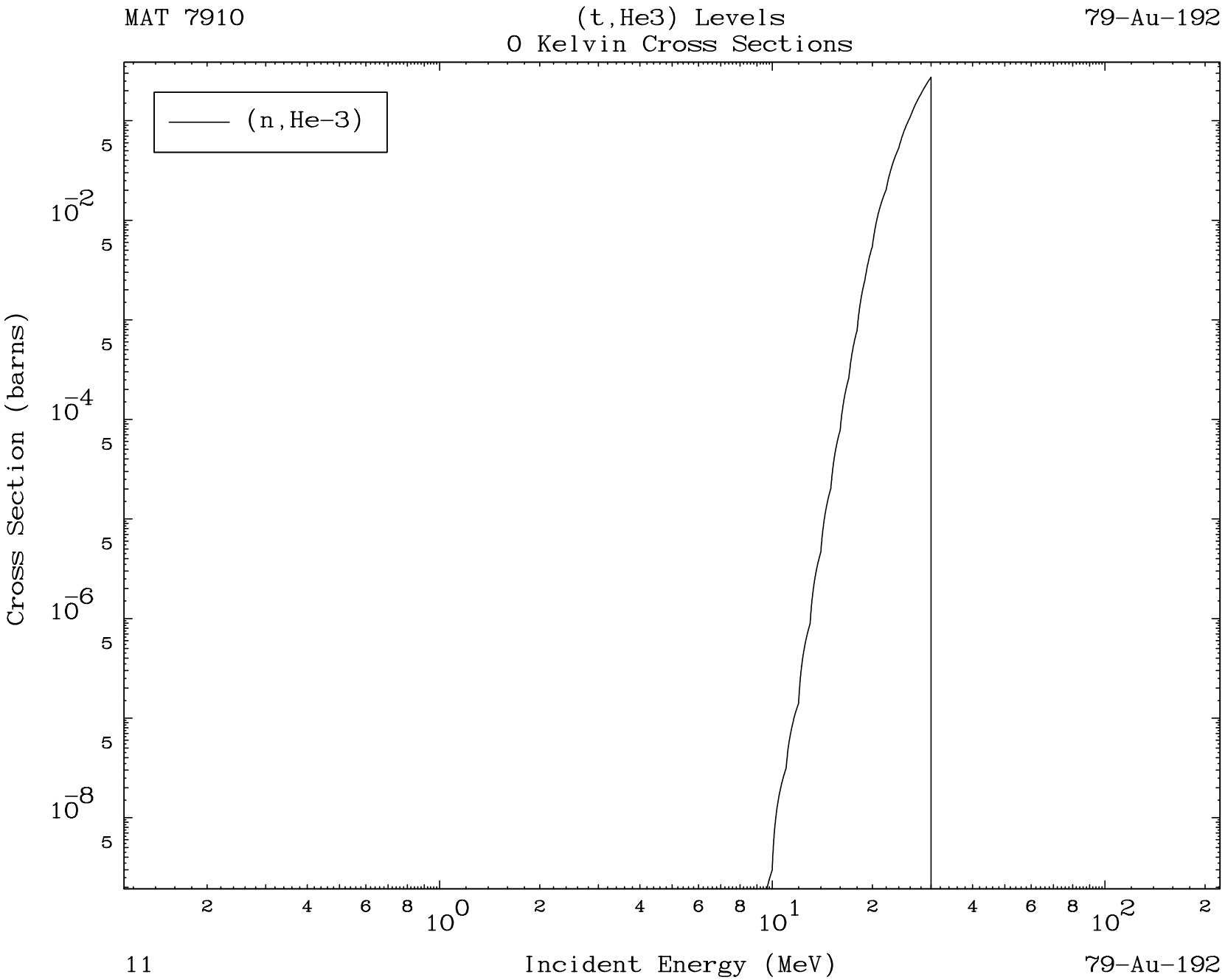

MAT 7910
Triton Charged Particle
0 Kelvin Cross Sections
79-Au-192
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-192

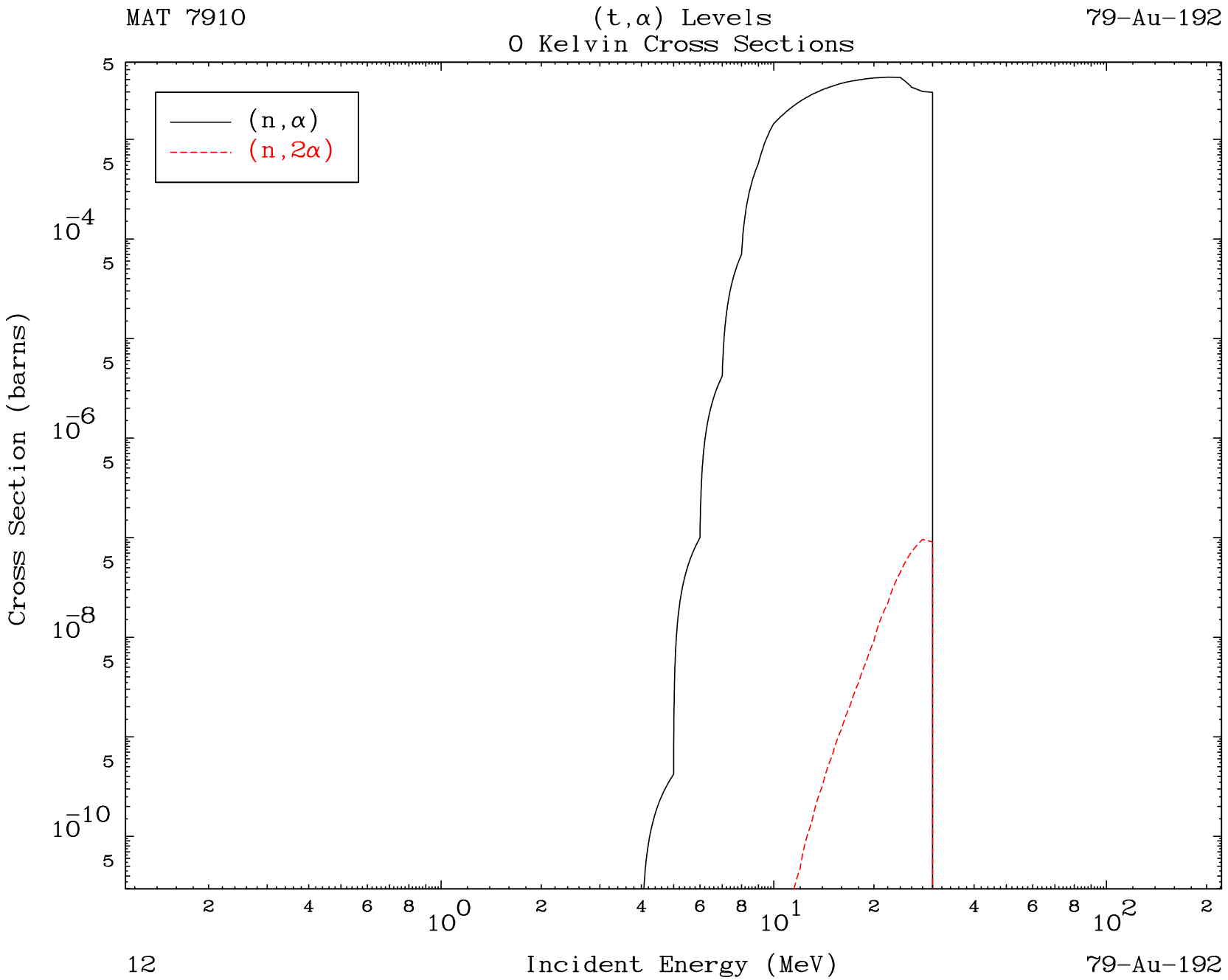

MAT 7910
Triton Charged Particle
0 Kelvin Cross Sections
79-Au-192
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
79-Au-192

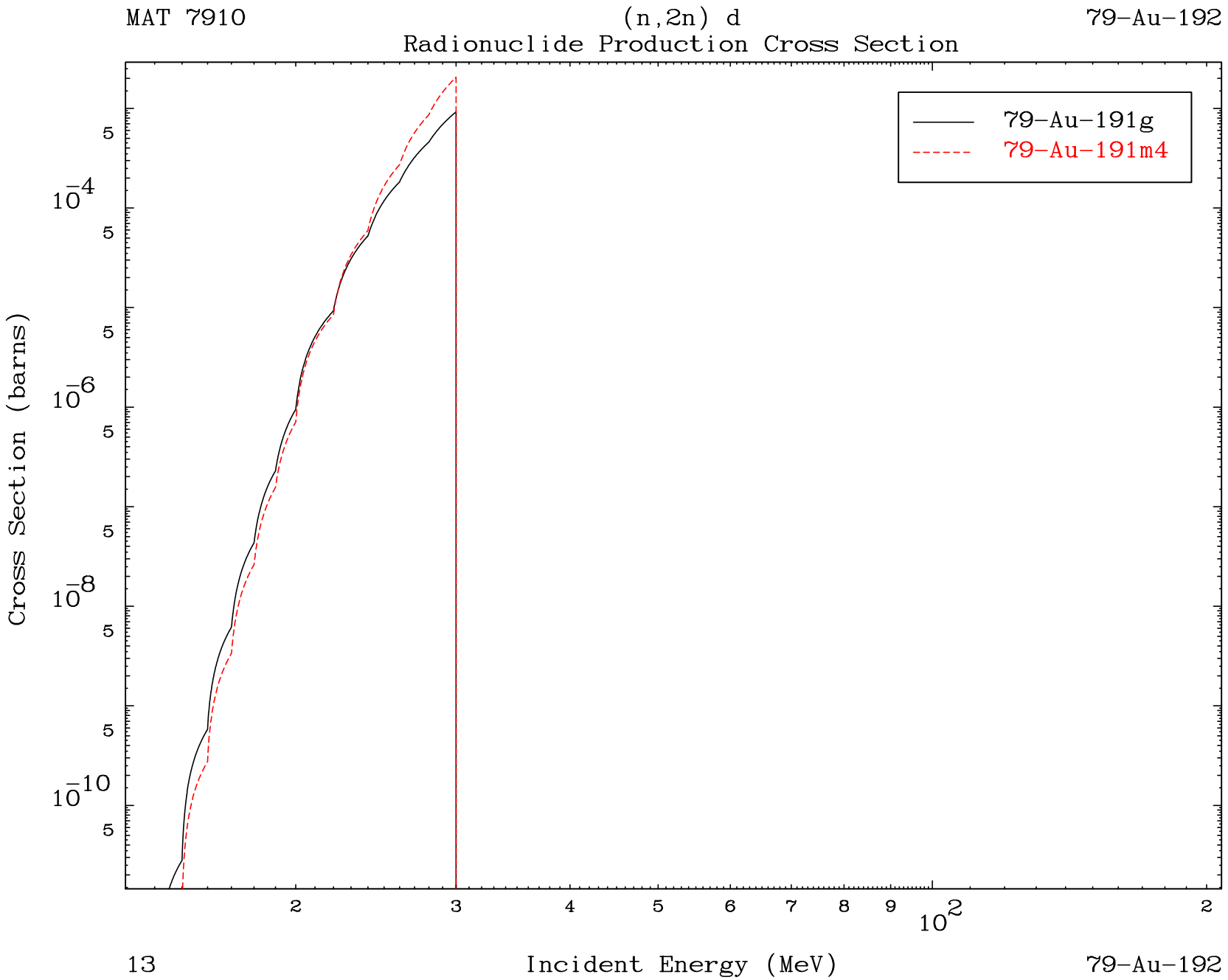

MAT 7910
(t,p) Levels
79-Au-192
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-192

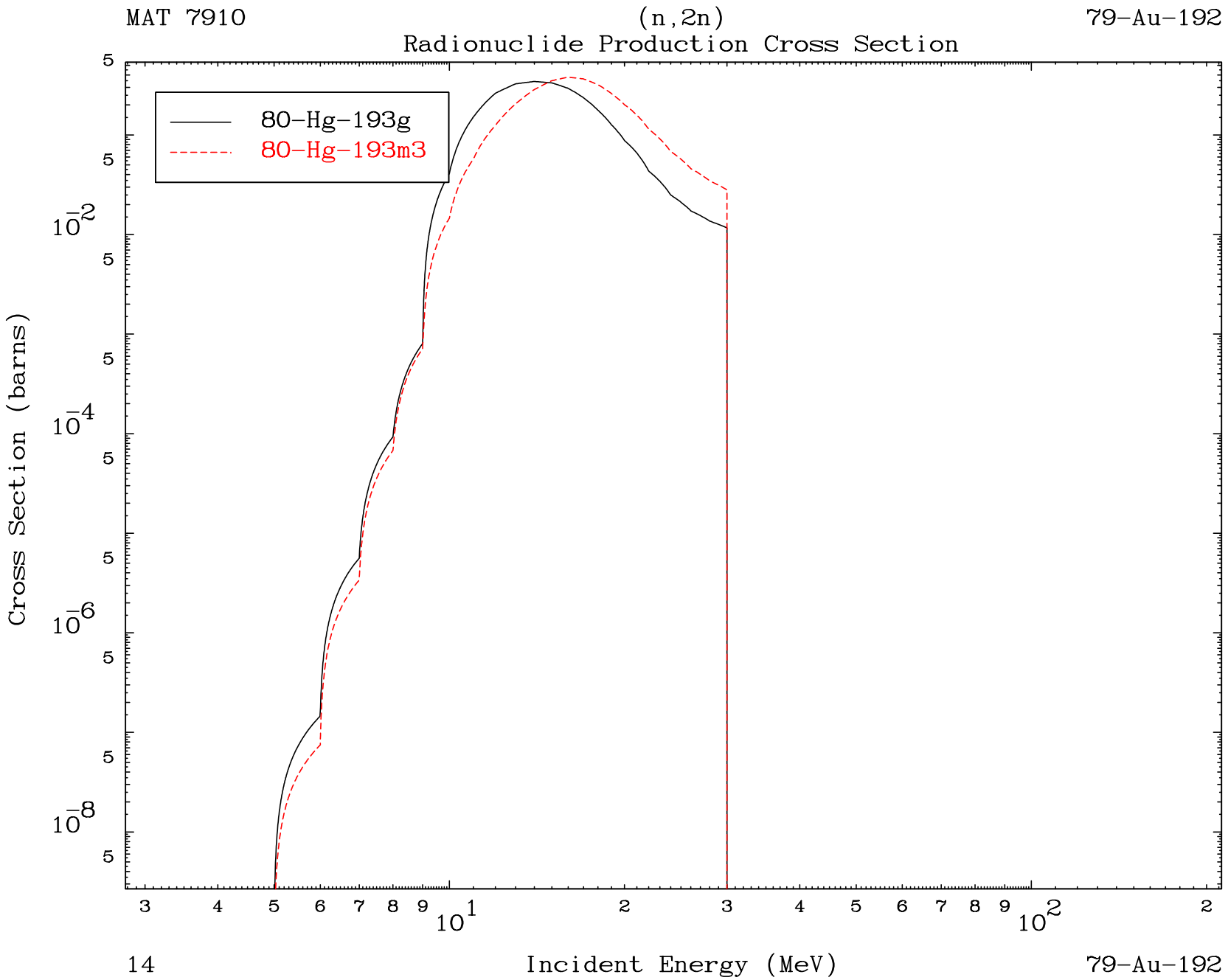

MAT 7910
(t,d) Levels
79-Au-192
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-192

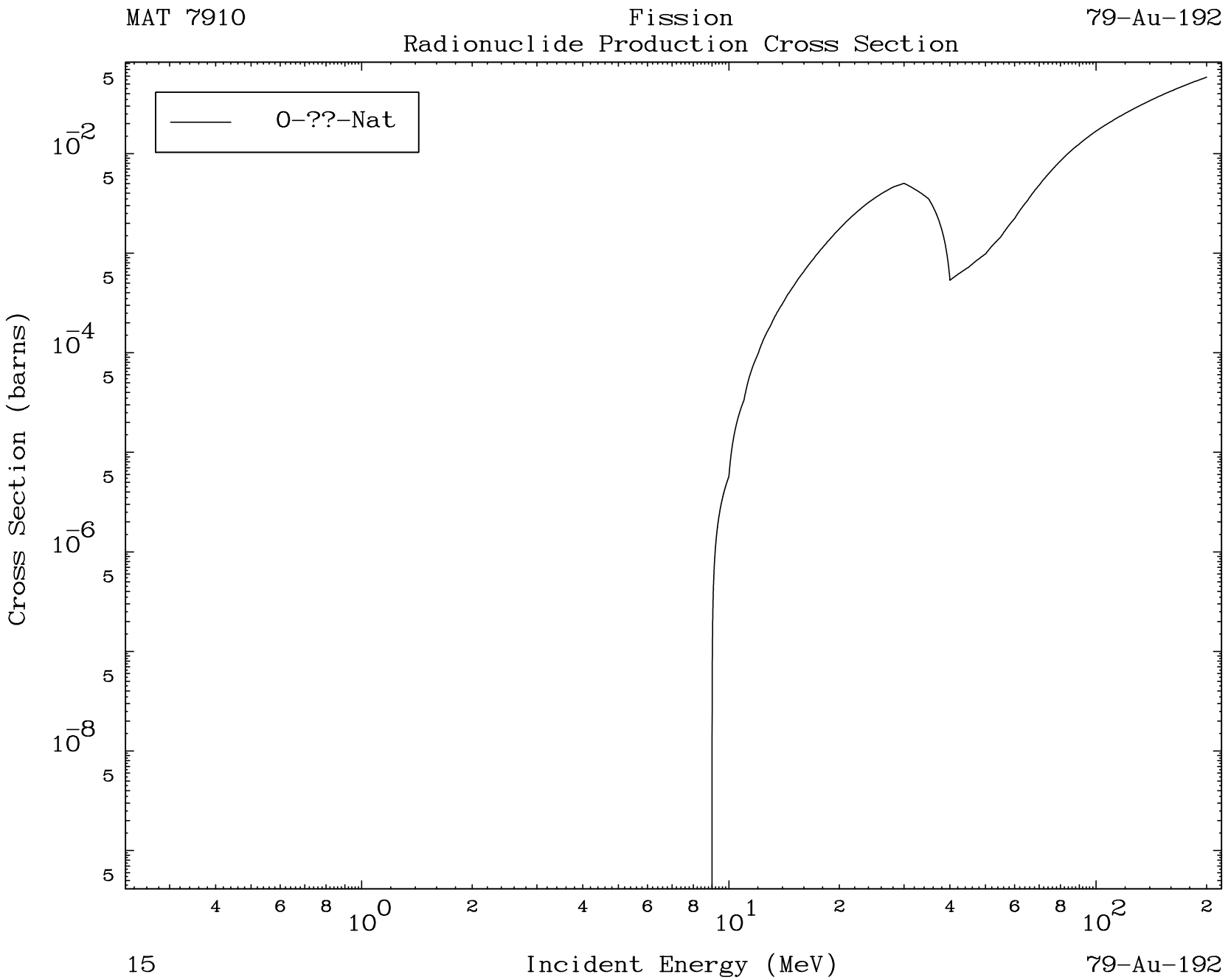

MAT 7910
(t,t) Levels
79-Au-192
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
79-Au-192

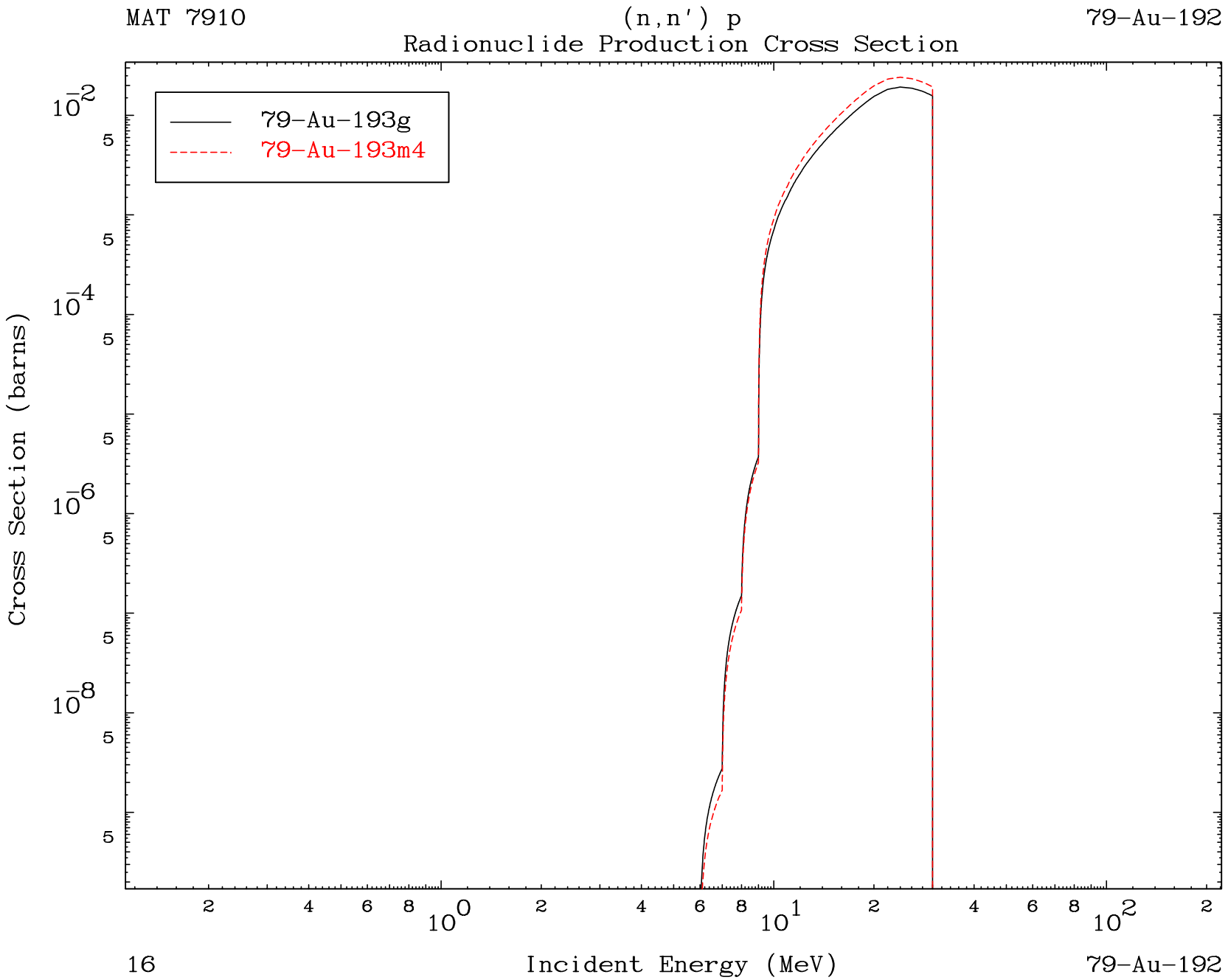

MAT 7910
(t,He3) Levels
79-Au-192
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
11
79-Au-192

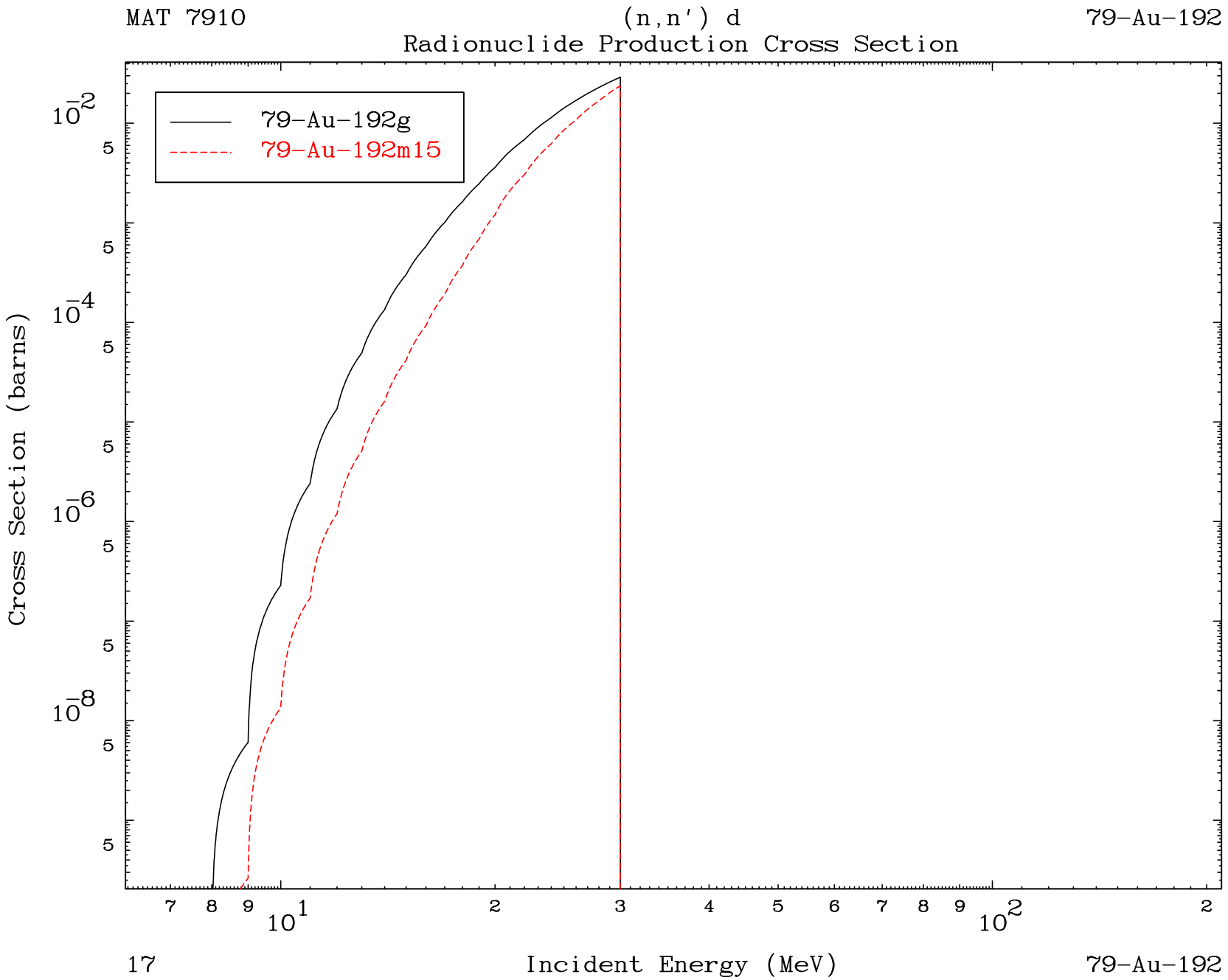

MAT 7910
(t,α) Levels
79-Au-192
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-192

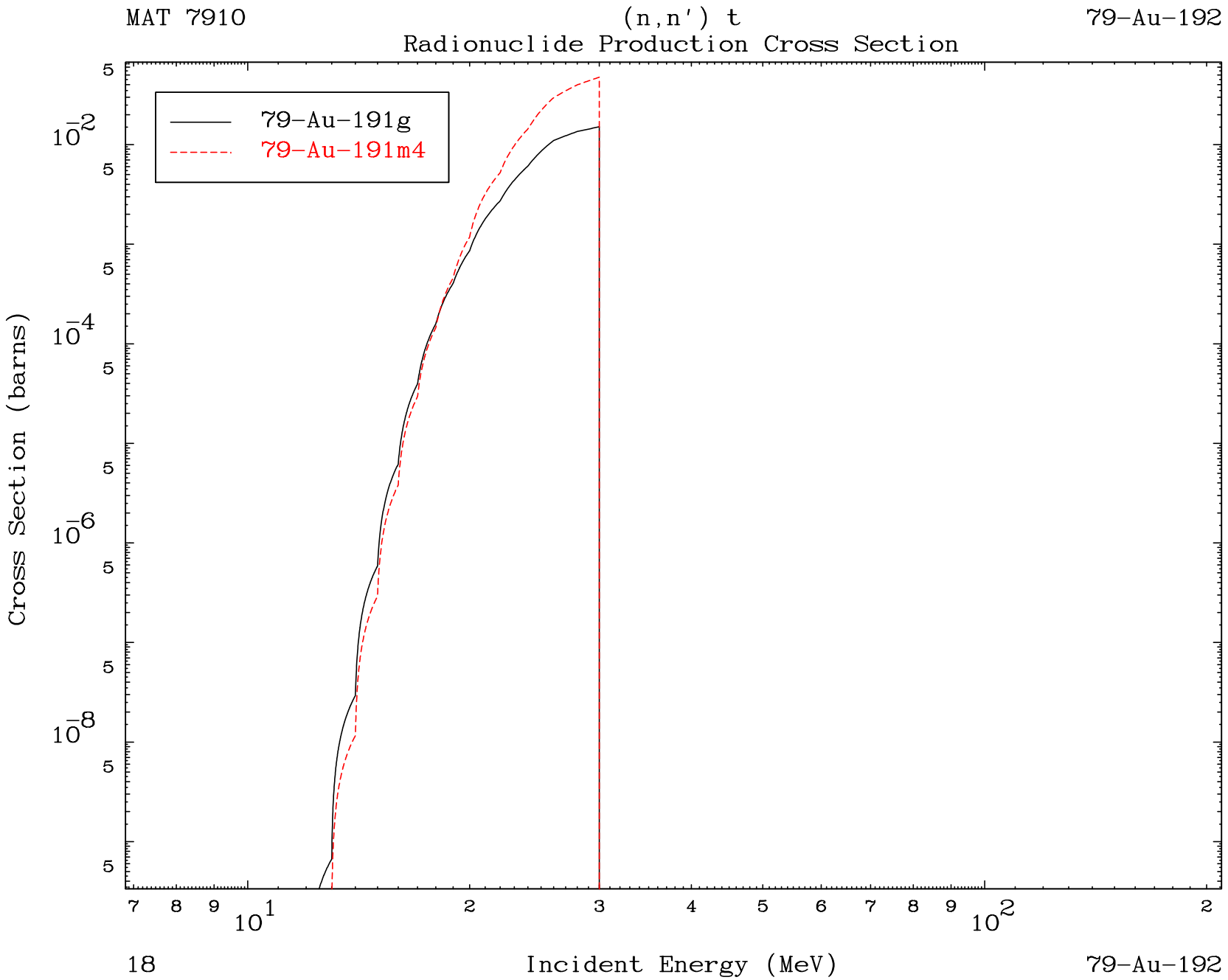

MAT 7910
(n,2n) d
79-Au-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
79-Au-192

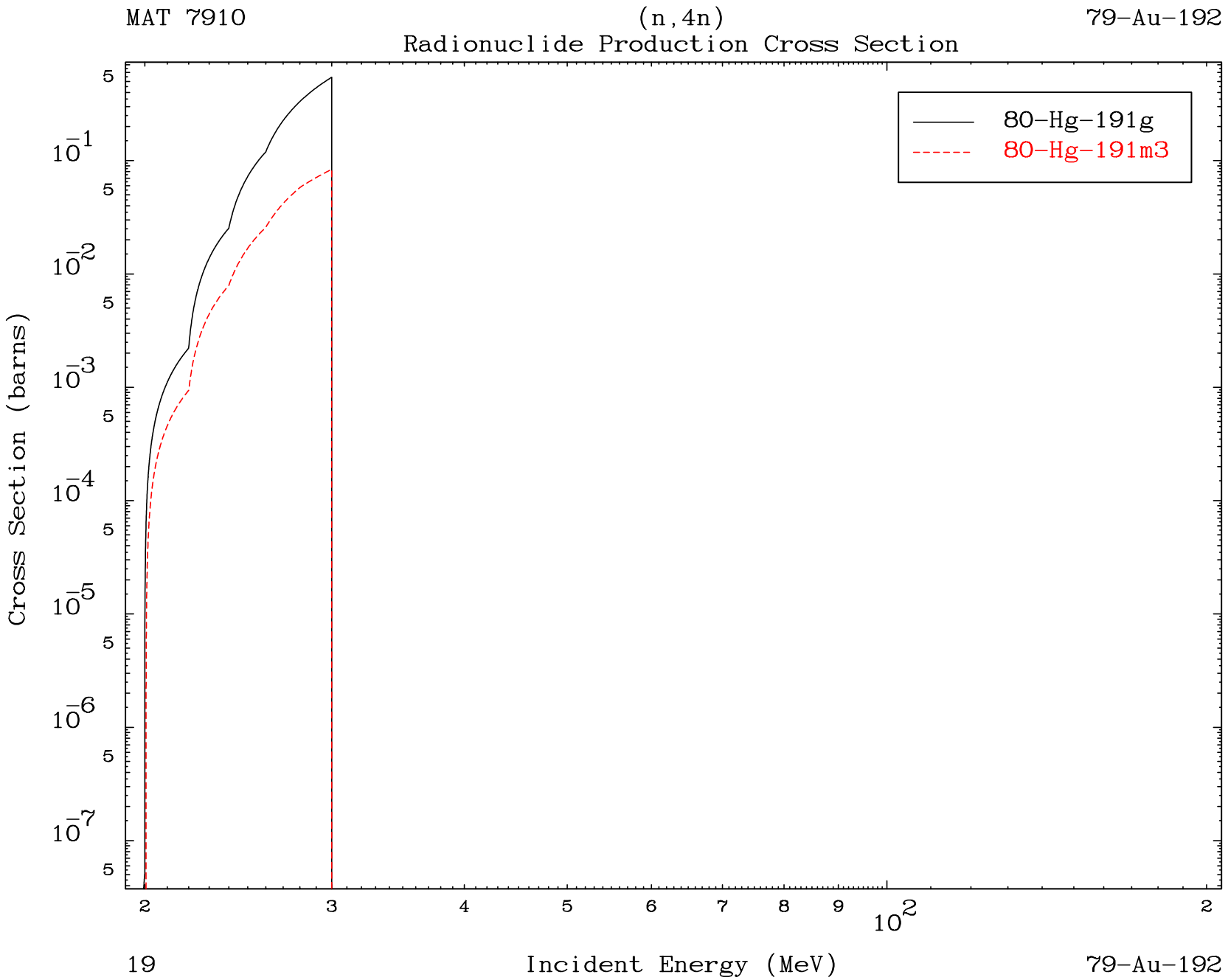

MAT 7910
(n,2n)
79-Au-192
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-192

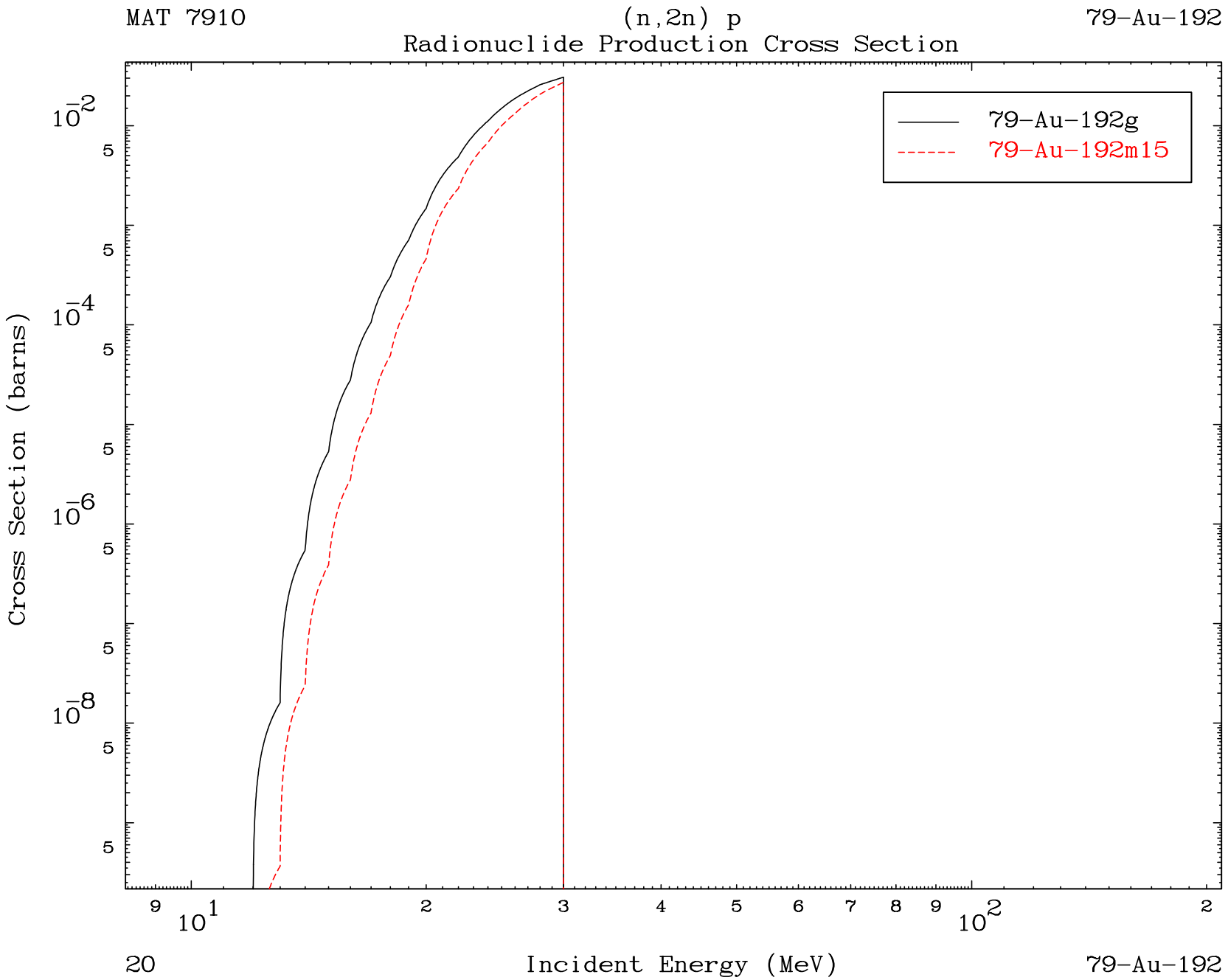

MAT 7910
Fission
79-Au-192
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-192

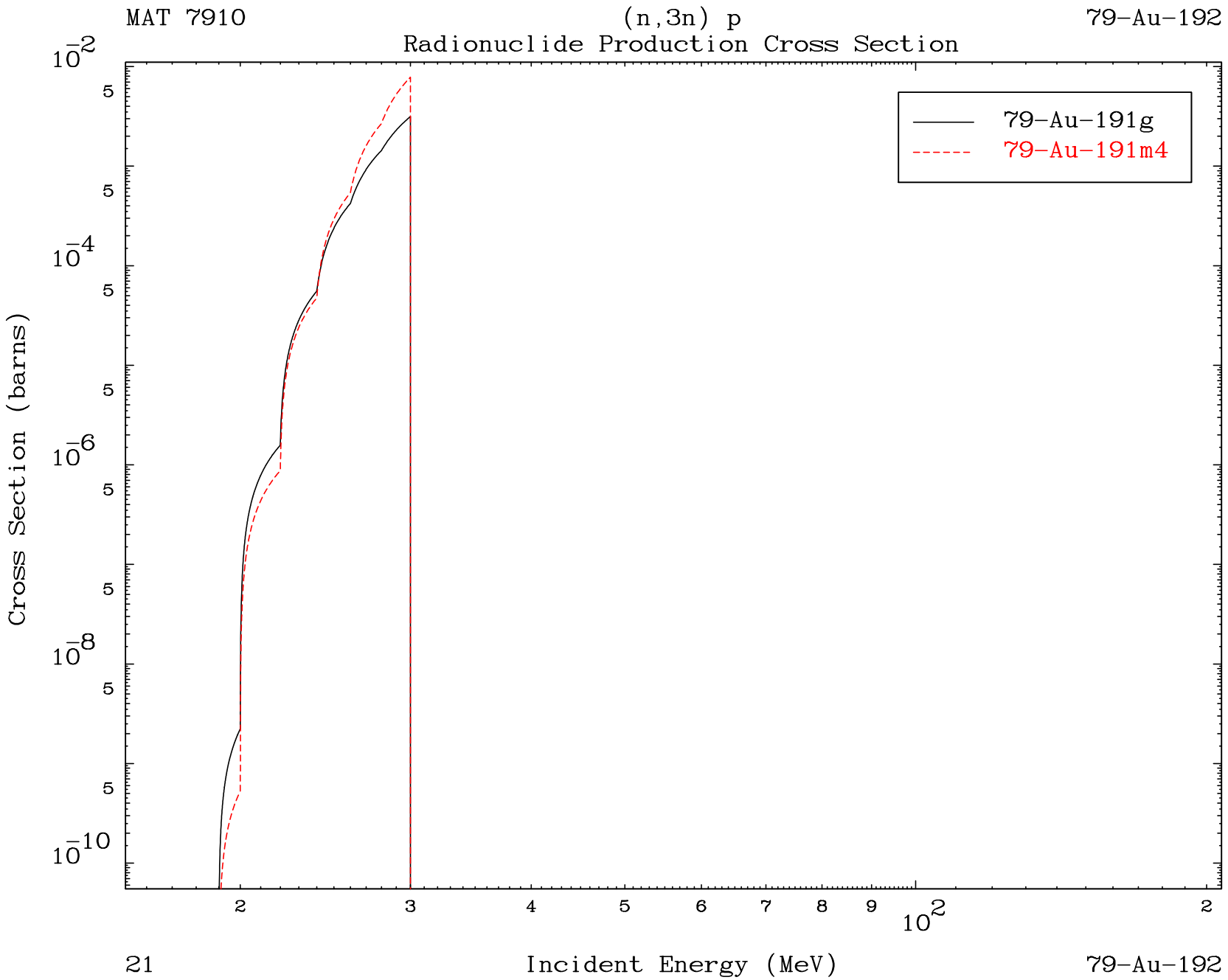

MAT 7910
(n,n') p
79-Au-192
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
16
79-Au-192

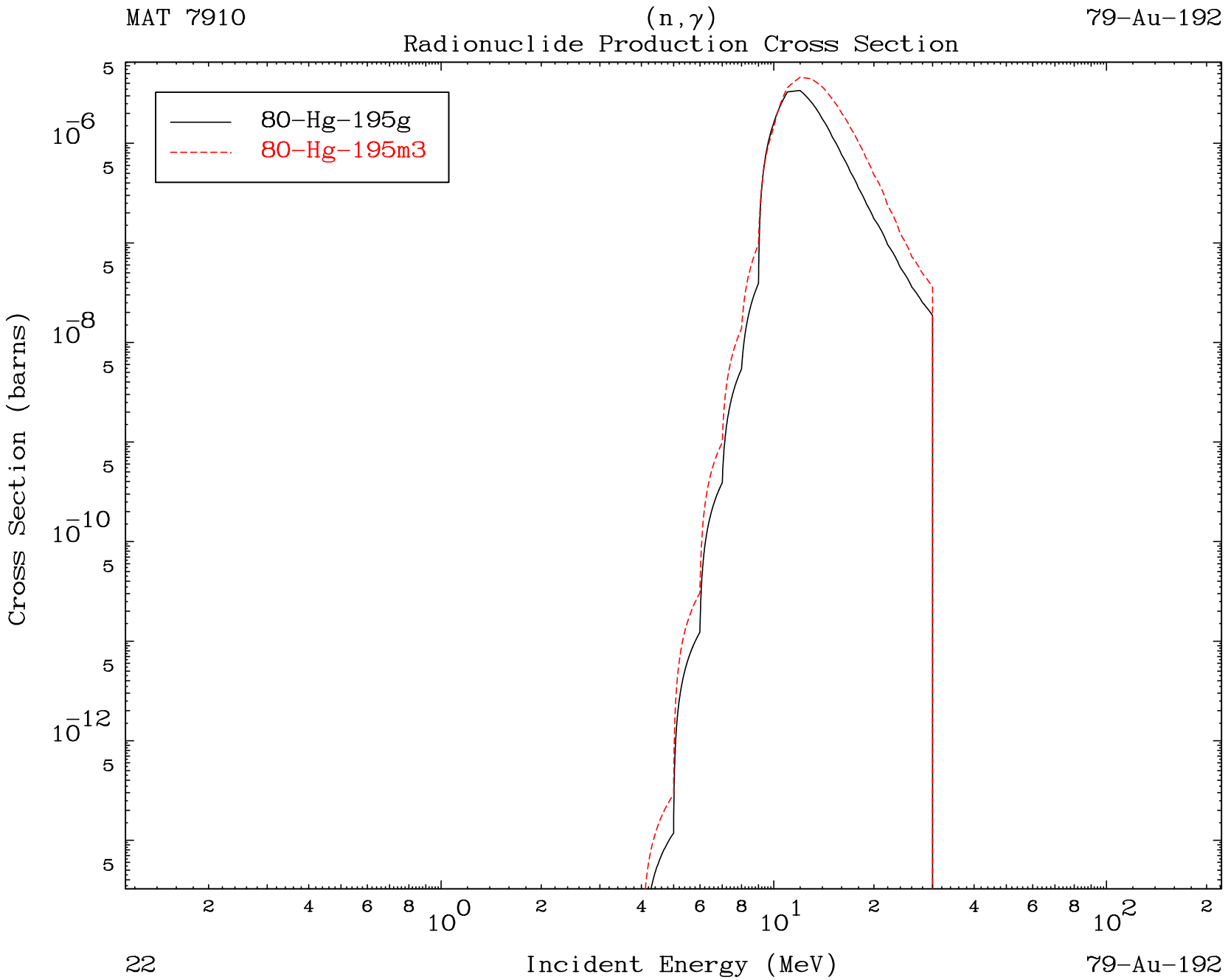

MAT 7910
(n,n') d
79-Au-192
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
17
Incident Energy (MeV)
79-Au-192

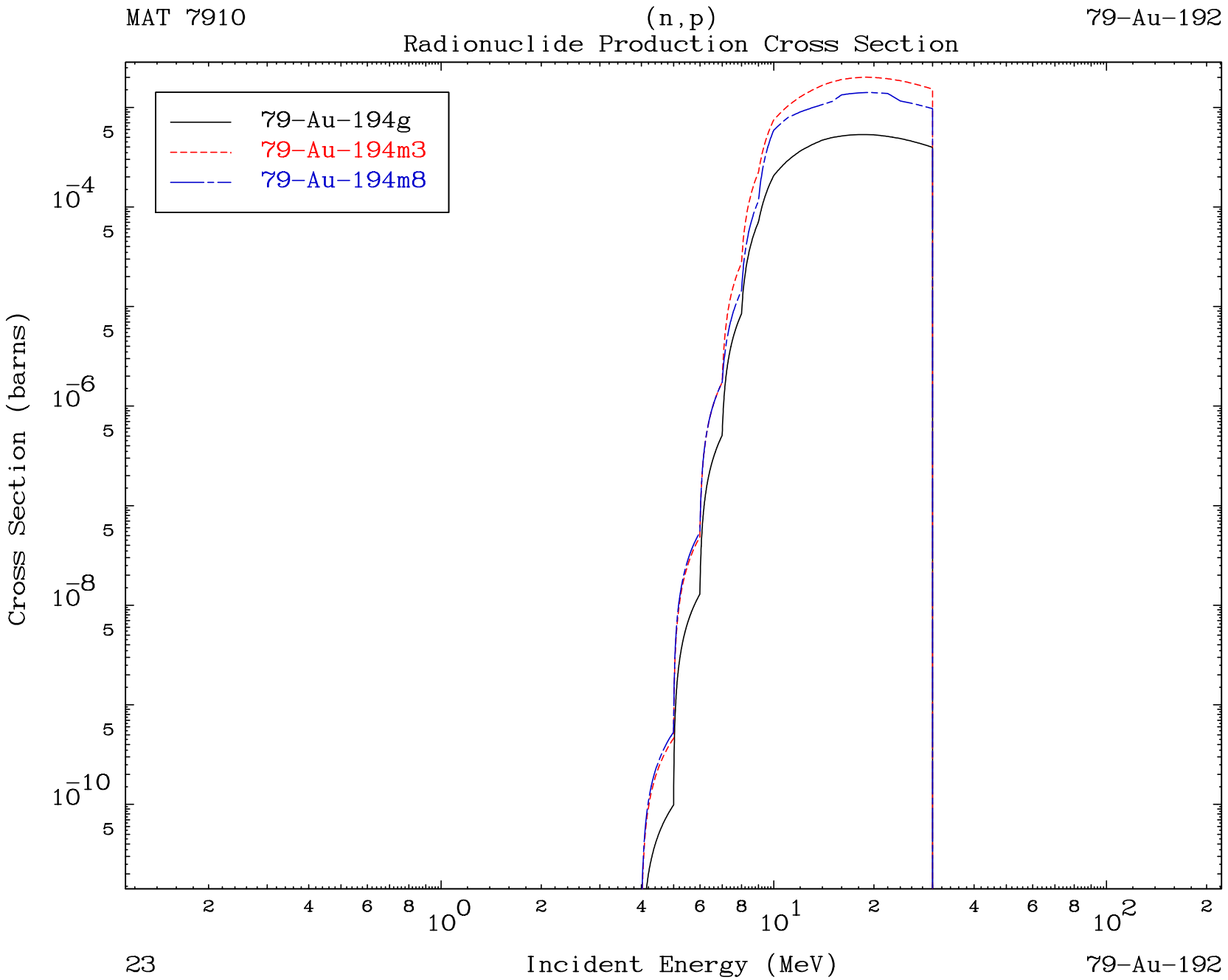

MAT 7910
(n,n') t
79-Au-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
18
79-Au-192

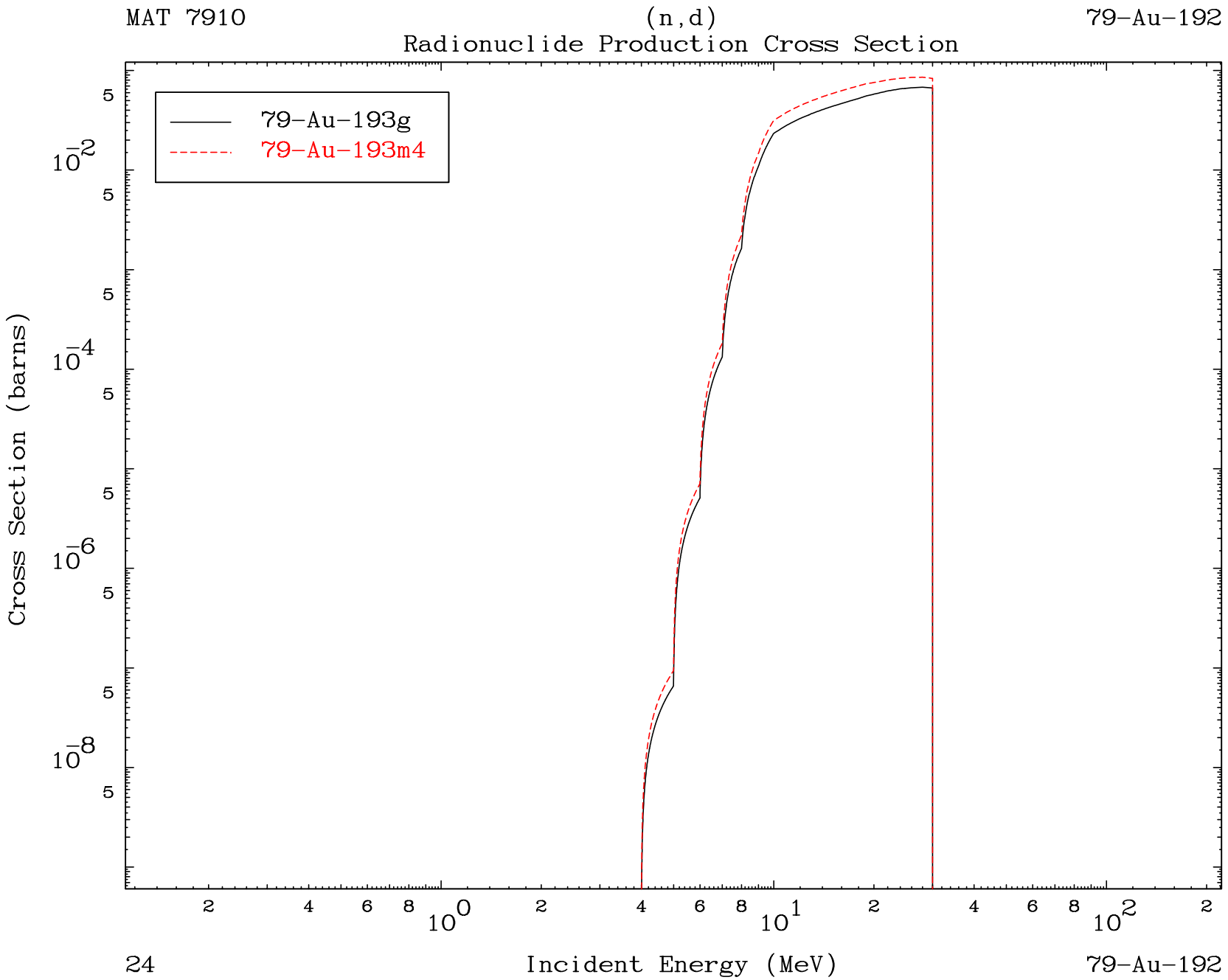

MAT 7910
(n,4n)
79-Au-192
Radionuclide Production Cross Section
80-Hg-191g
80-Hg-191m3
Cross Section (barns)
Incident Energy (MeV)
19
79-Au-192

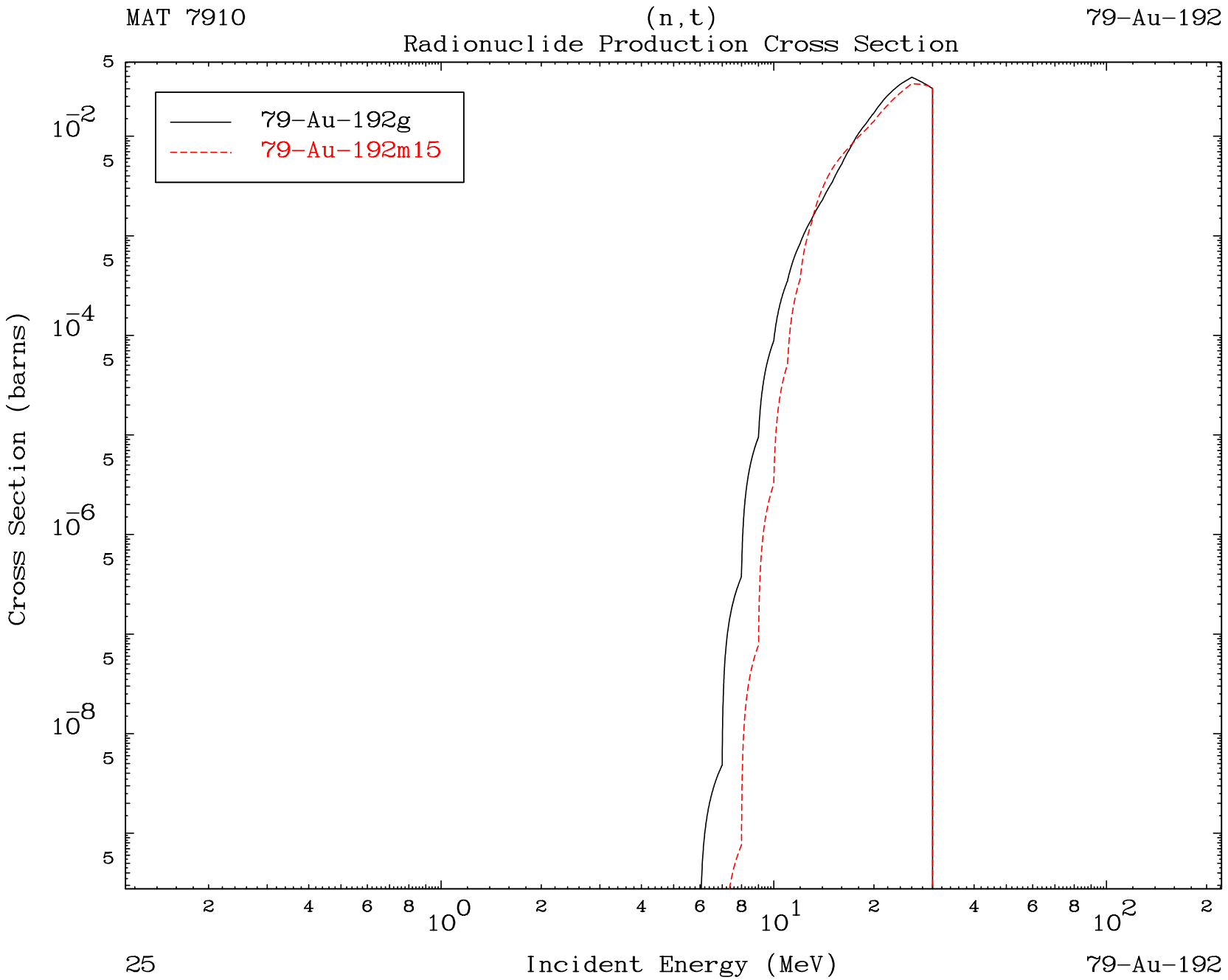

MAT 7910
(n,2n) p
79-Au-192
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
79-Au-192

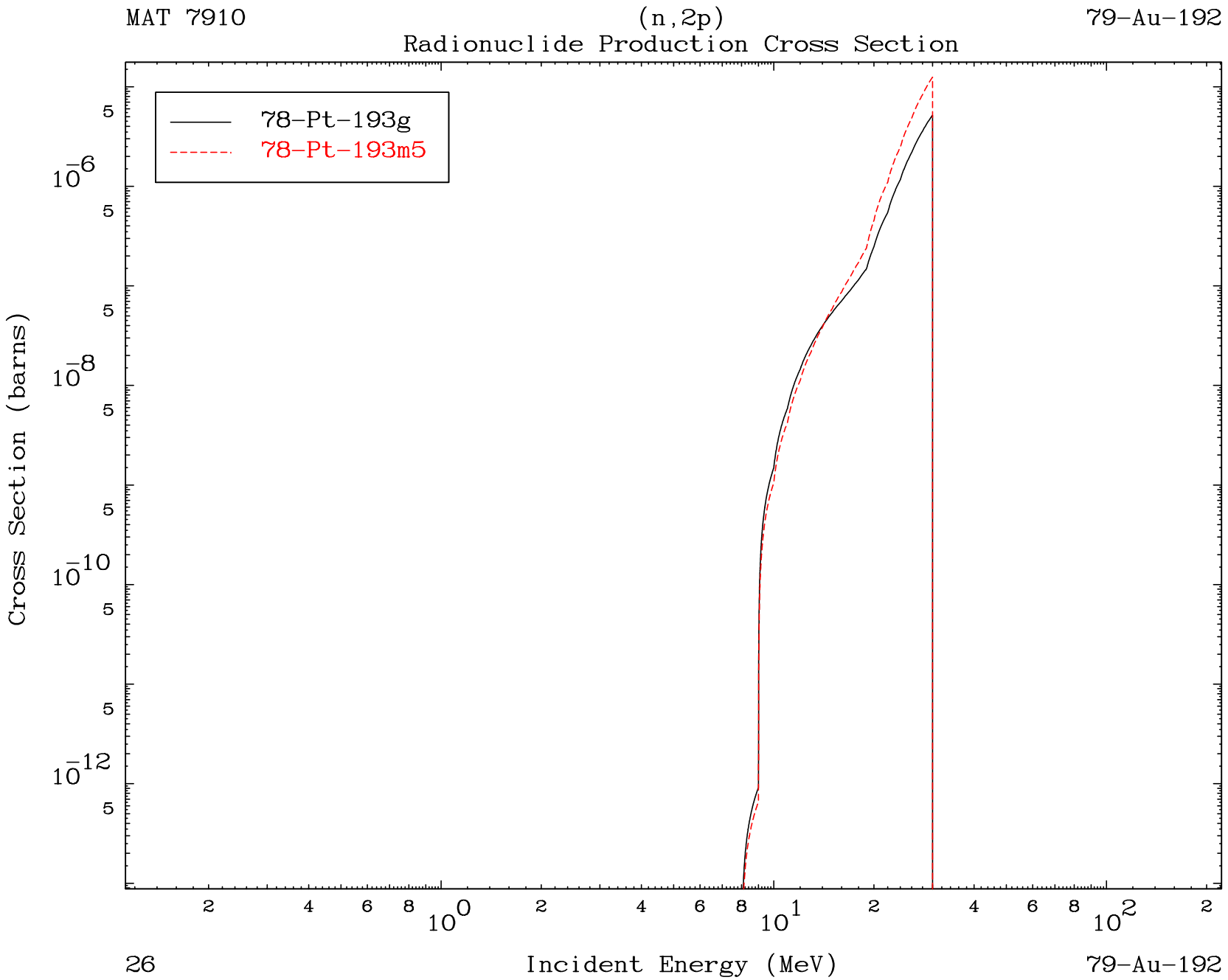

MAT 7910
(n,3n) p
79-Au-192
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
21
79-Au-192

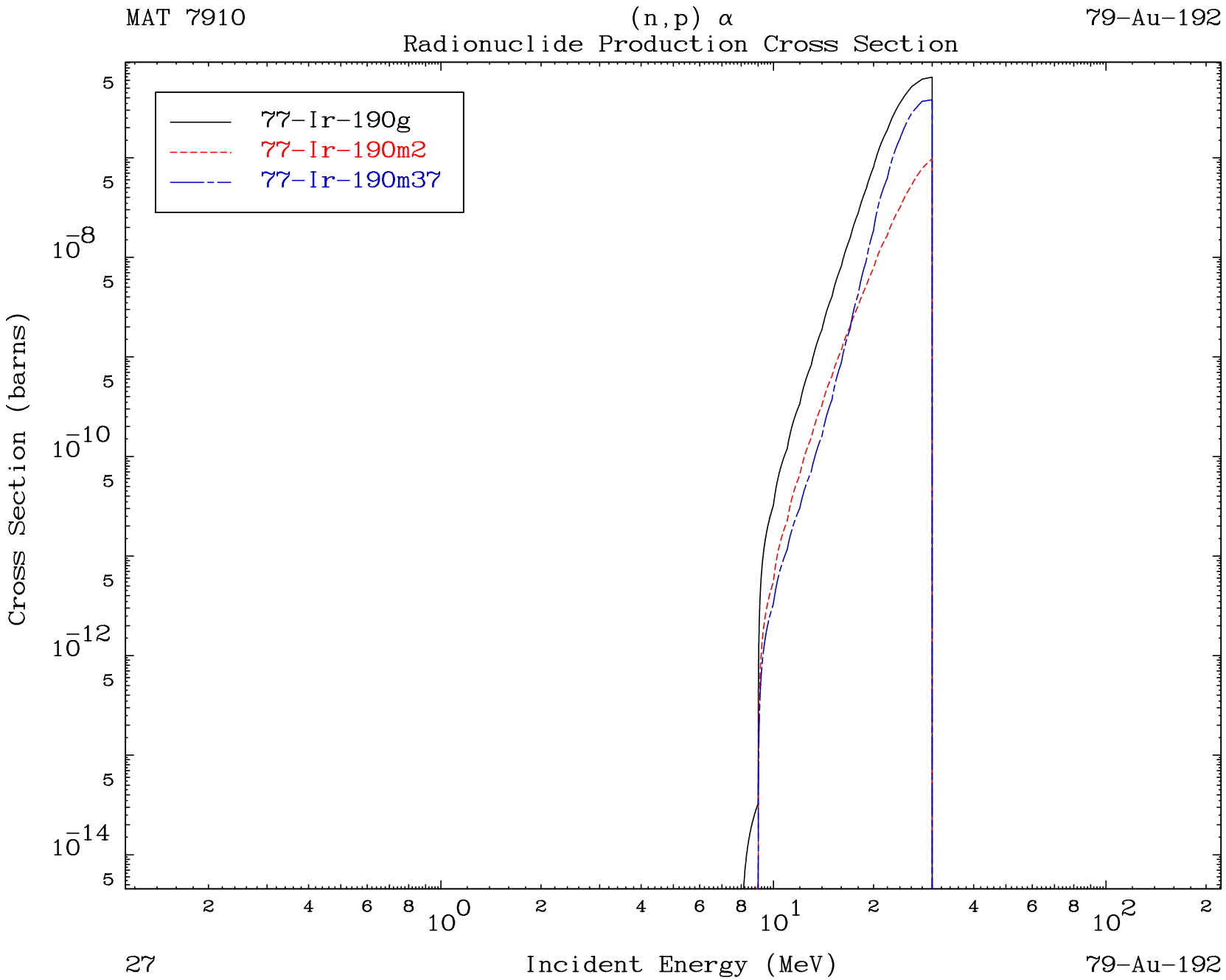

MAT 7910
(n,γ)
79-Au-192
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
Incident Energy (MeV)
22
79-Au-192


MAT 7910
(n,p)
79-Au-192
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
23
79-Au-192


MAT 7910
(n,d)
79-Au-192
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
24
79-Au-192


MAT 7910
(n,t)
79-Au-192
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
Incident Energy (MeV)
25
79-Au-192


MAT 7910
(n,2p)
79-Au-192
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
Incident Energy (MeV)
26
79-Au-192


MAT 7910
(n,p) α
79-Au-192
Radionuclide Production Cross Section
77-Ir-190g
77-Ir-190m2
77-Ir-190m37
Cross Section (barns)
Incident Energy (MeV)
27
79-Au-192