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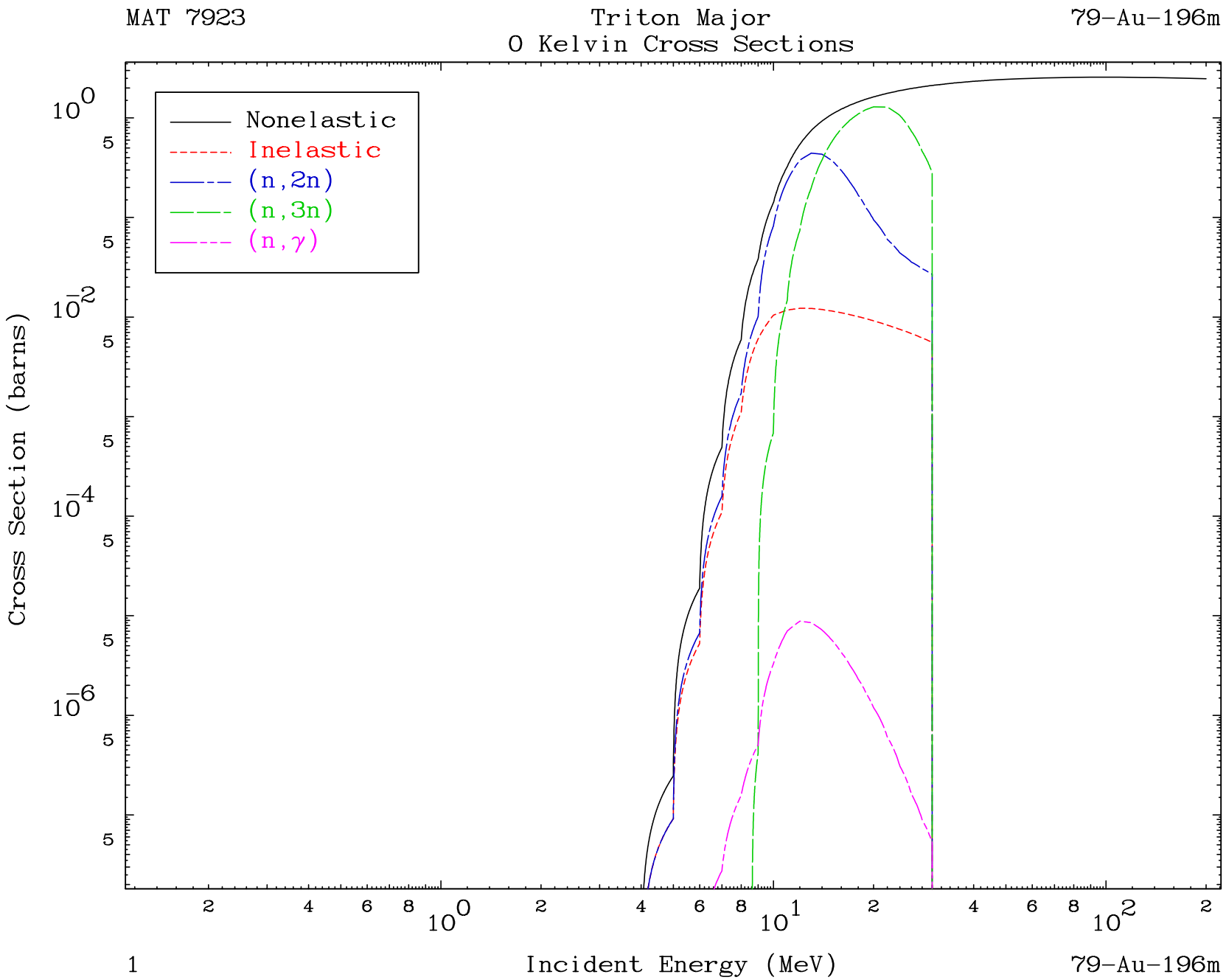
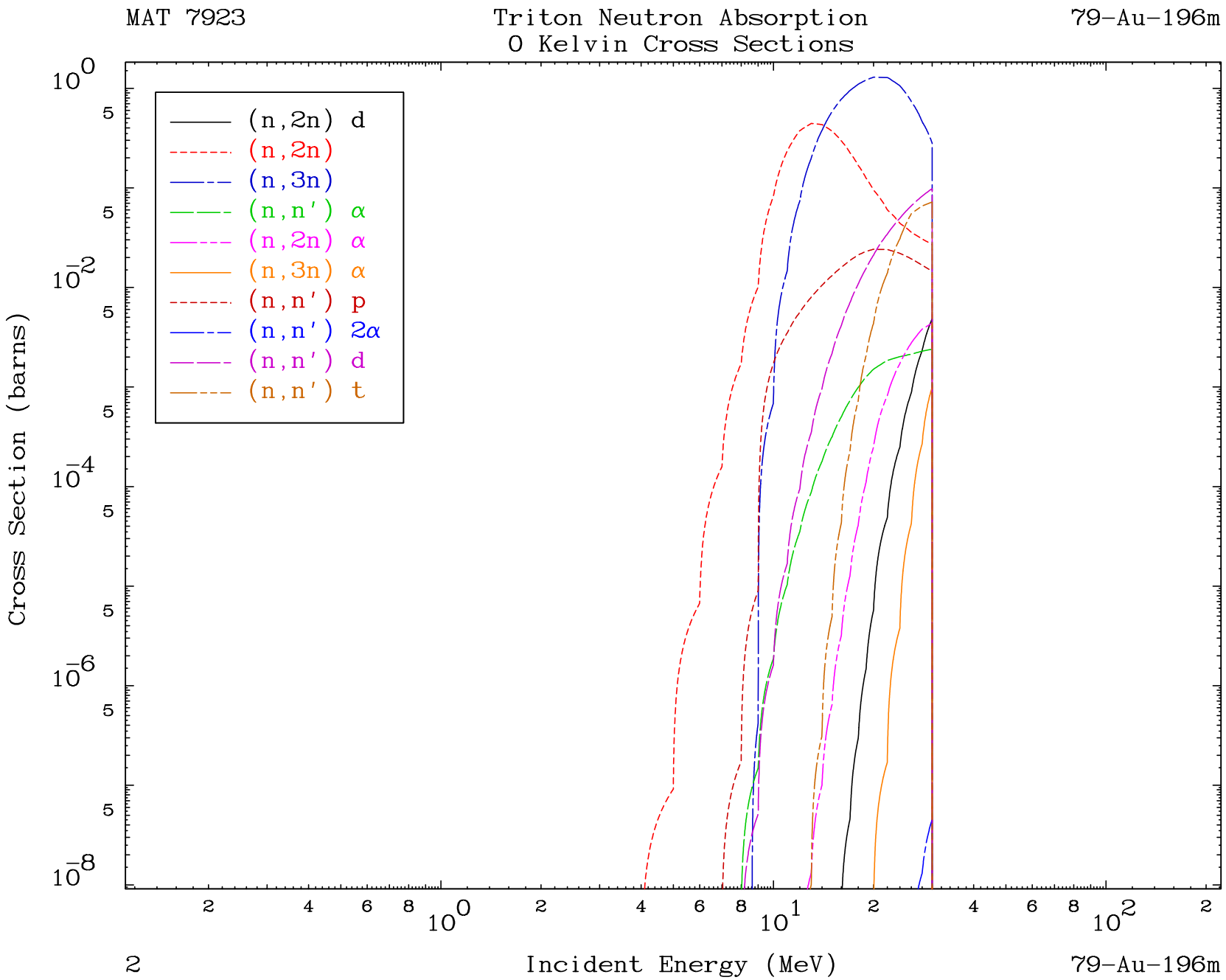
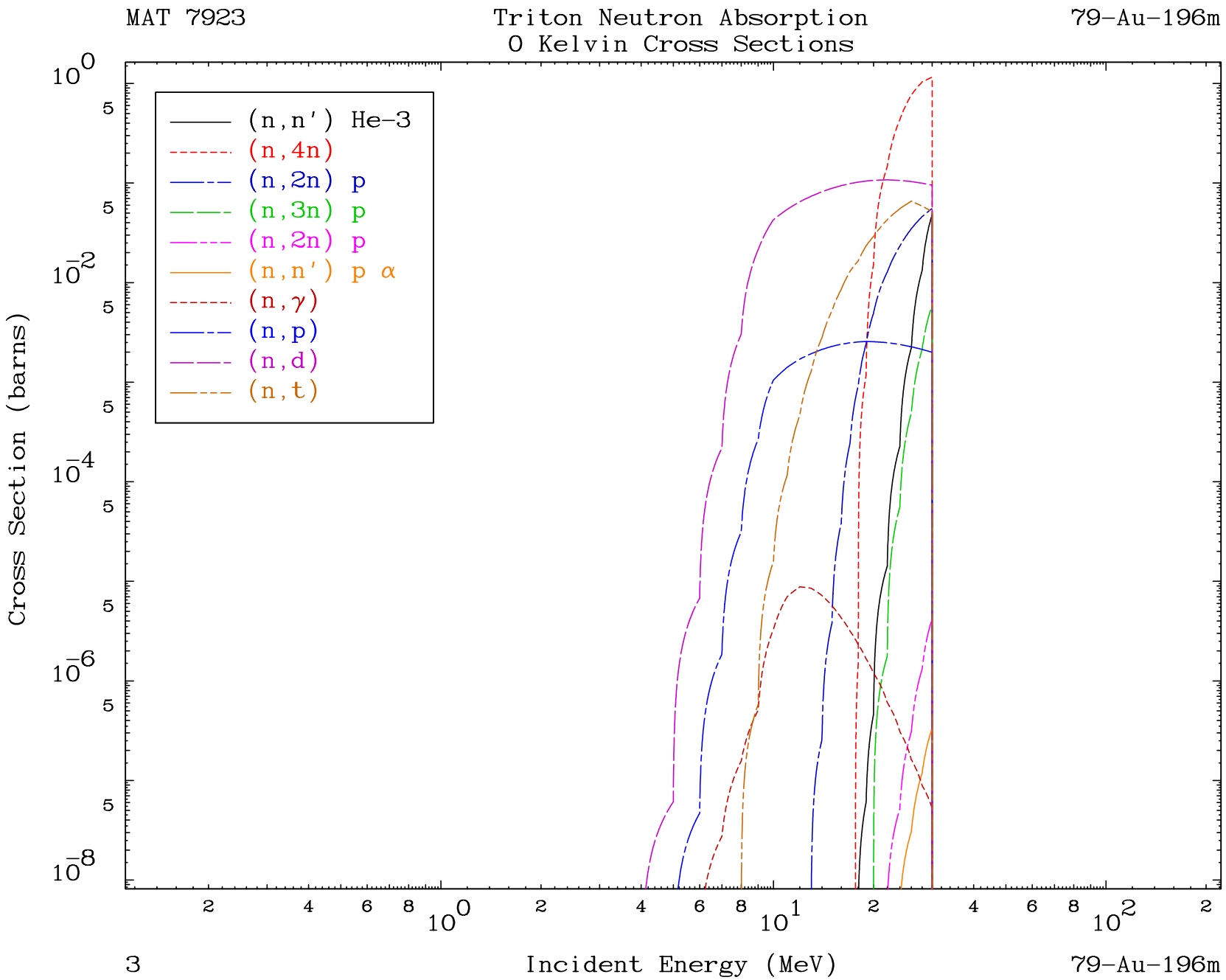
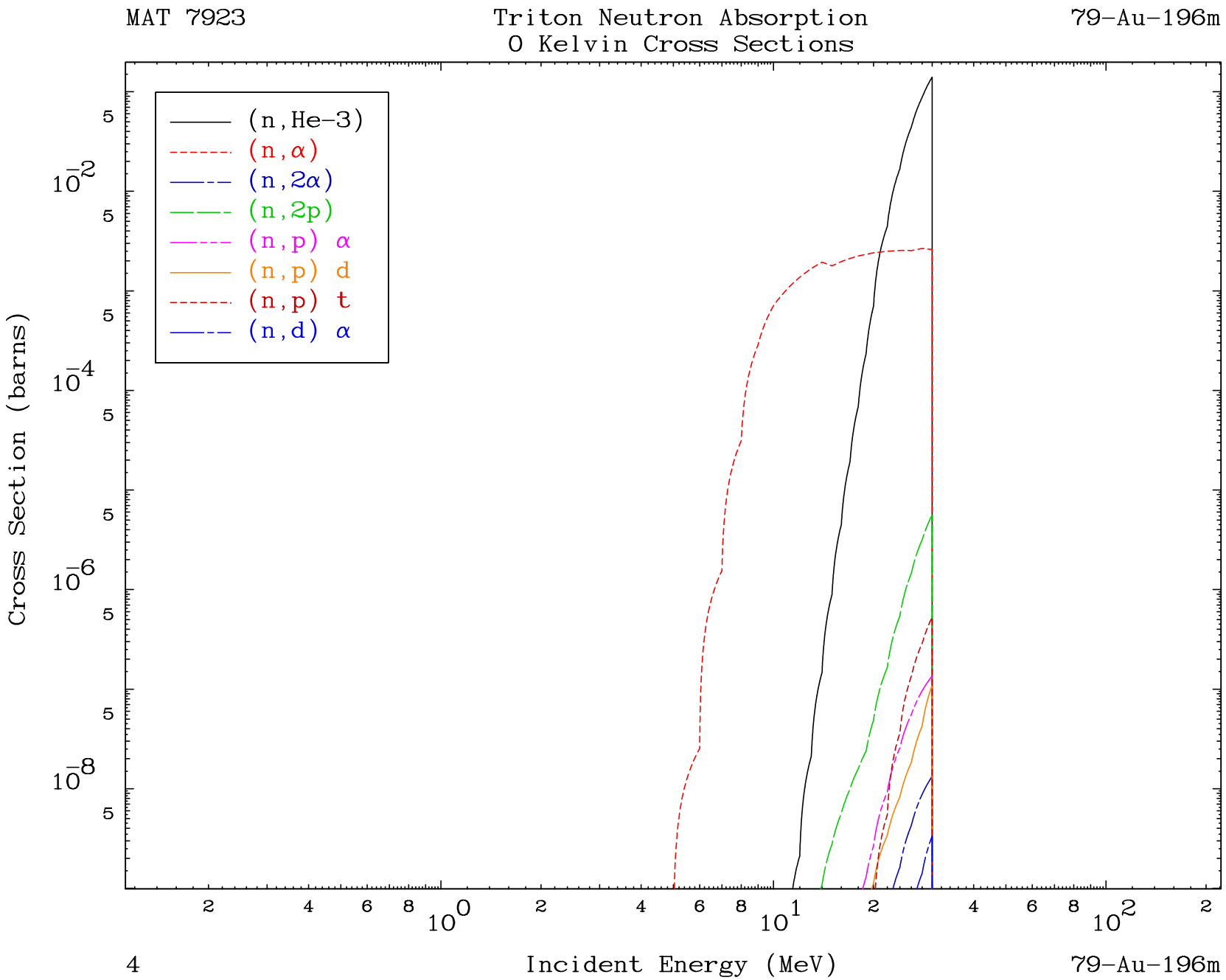
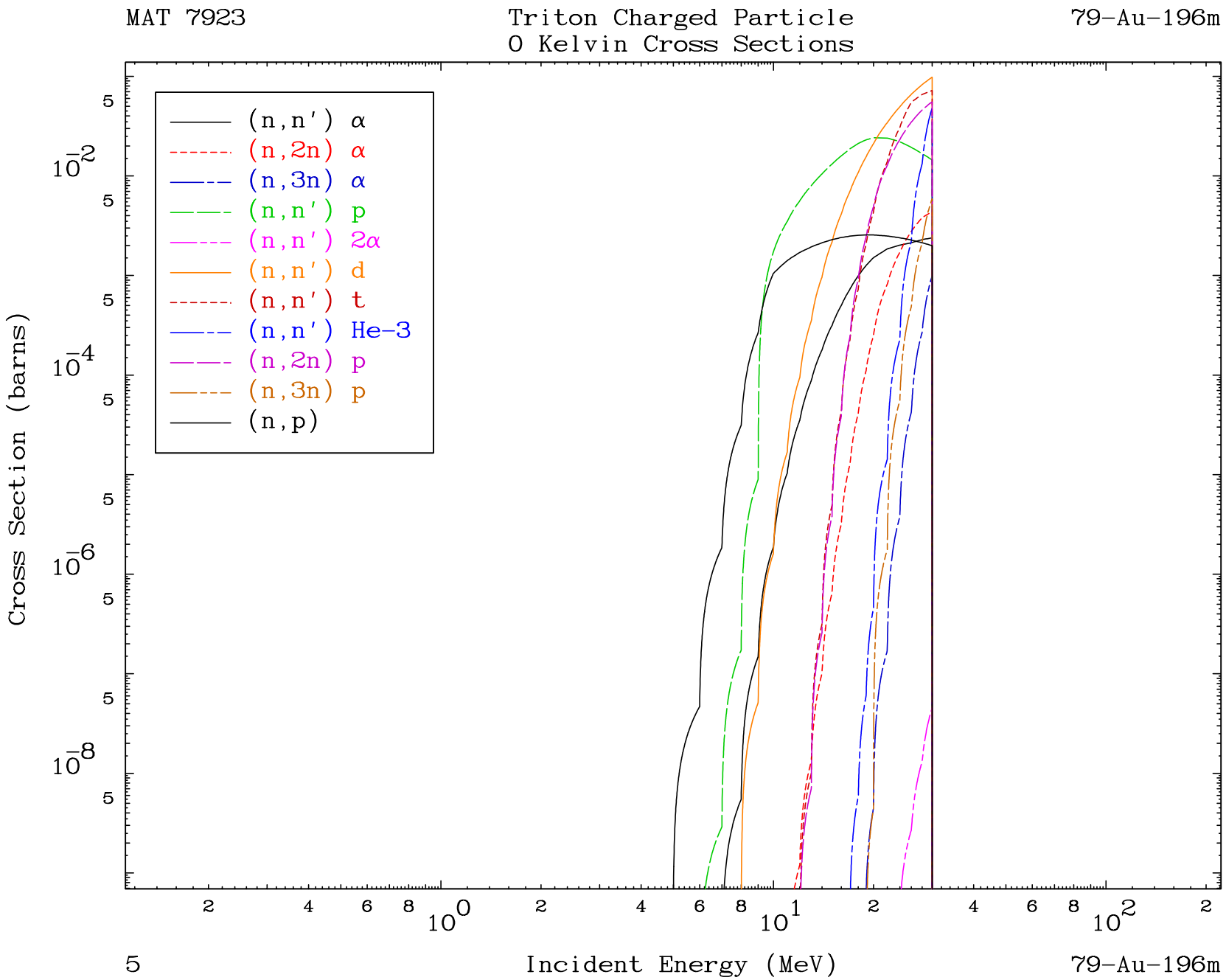
Press Mouse Button to Start

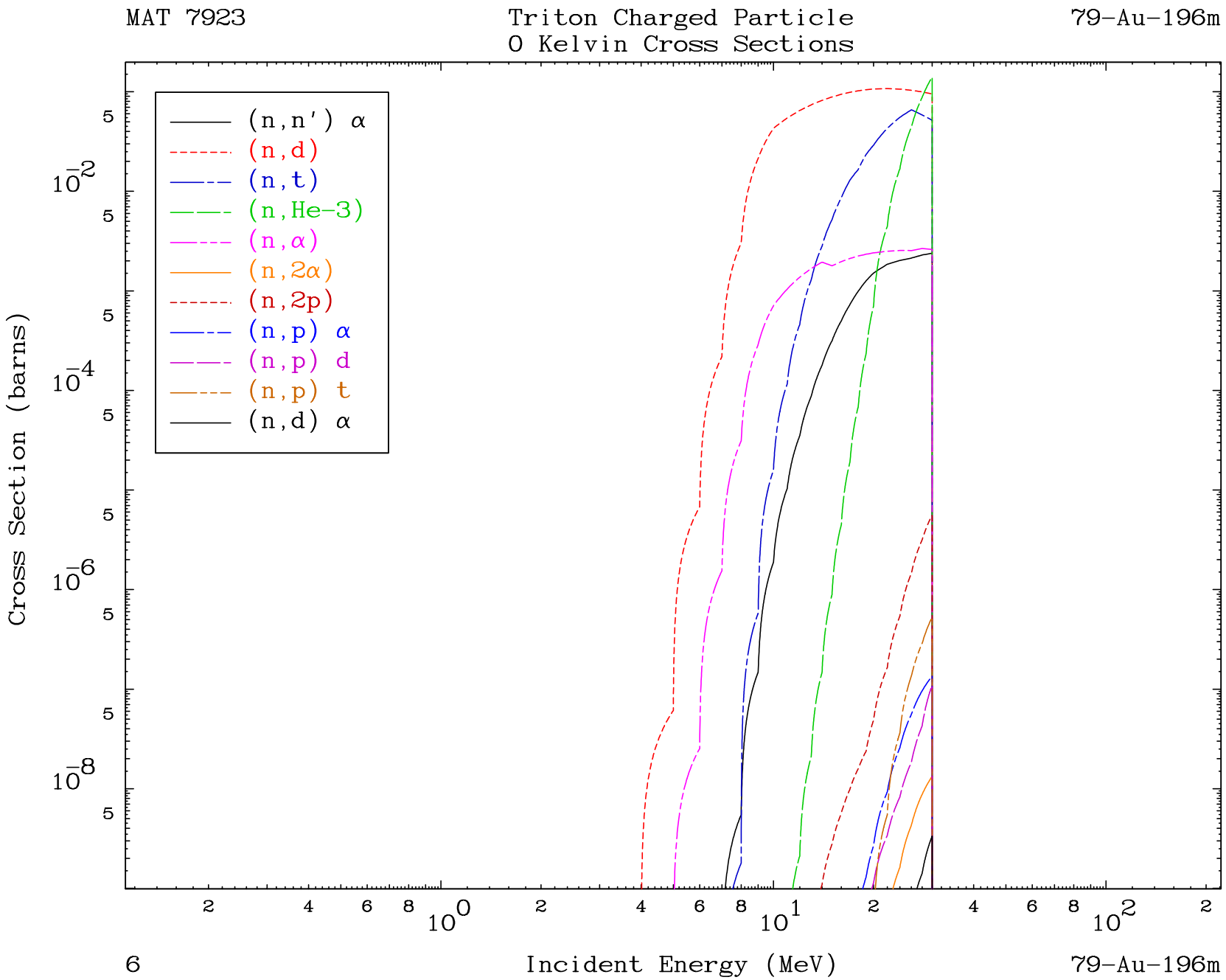

MAT 7923
Triton Major
79-Au-196m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-196m

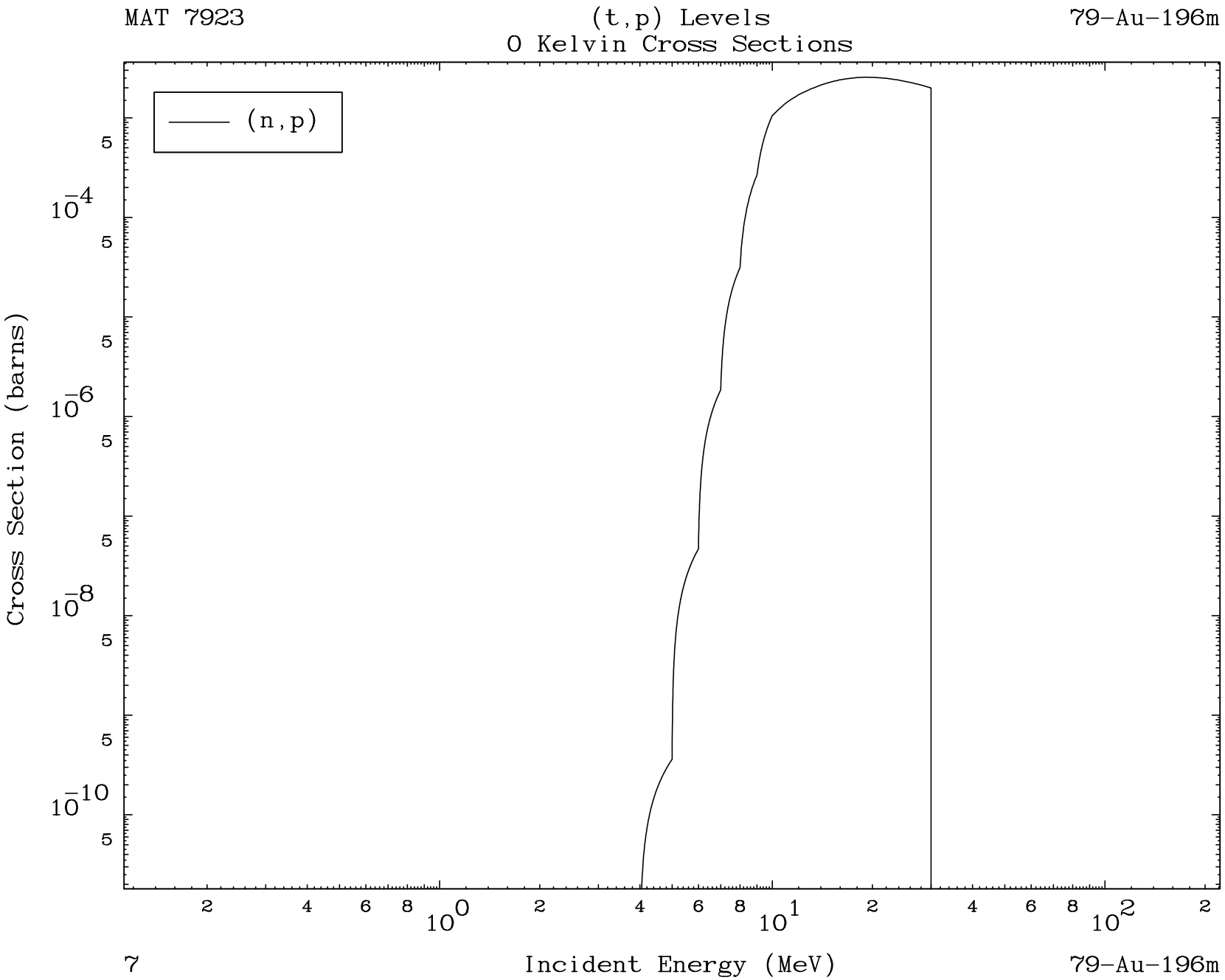

MAT 7923
Triton Neutron Absorption
0 Kelvin Cross Sections
79-Au-196m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
79-Au-196m
2

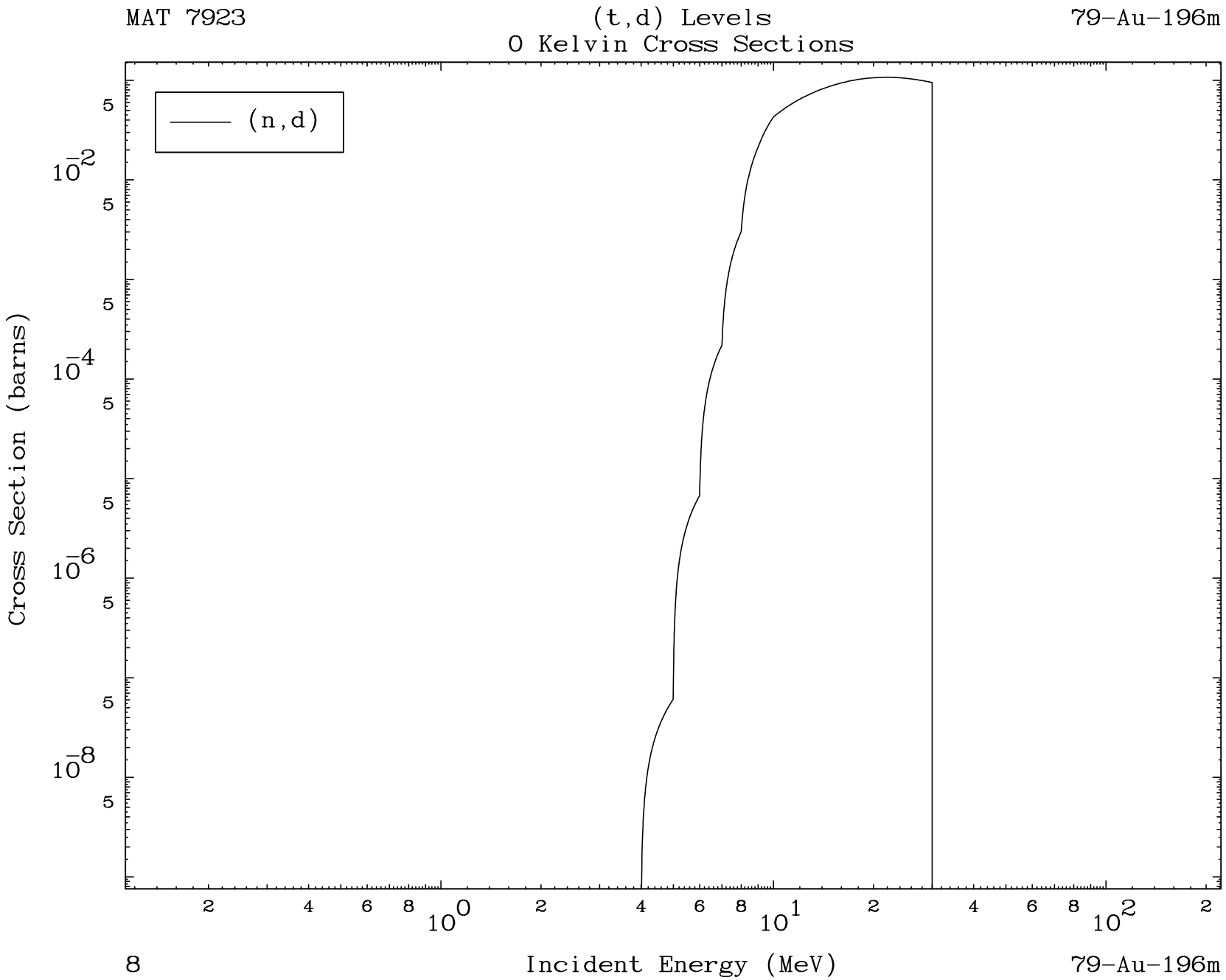

MAT 7923
Triton Neutron Absorption
0 Kelvin Cross Sections
79-Au-196m
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-196m

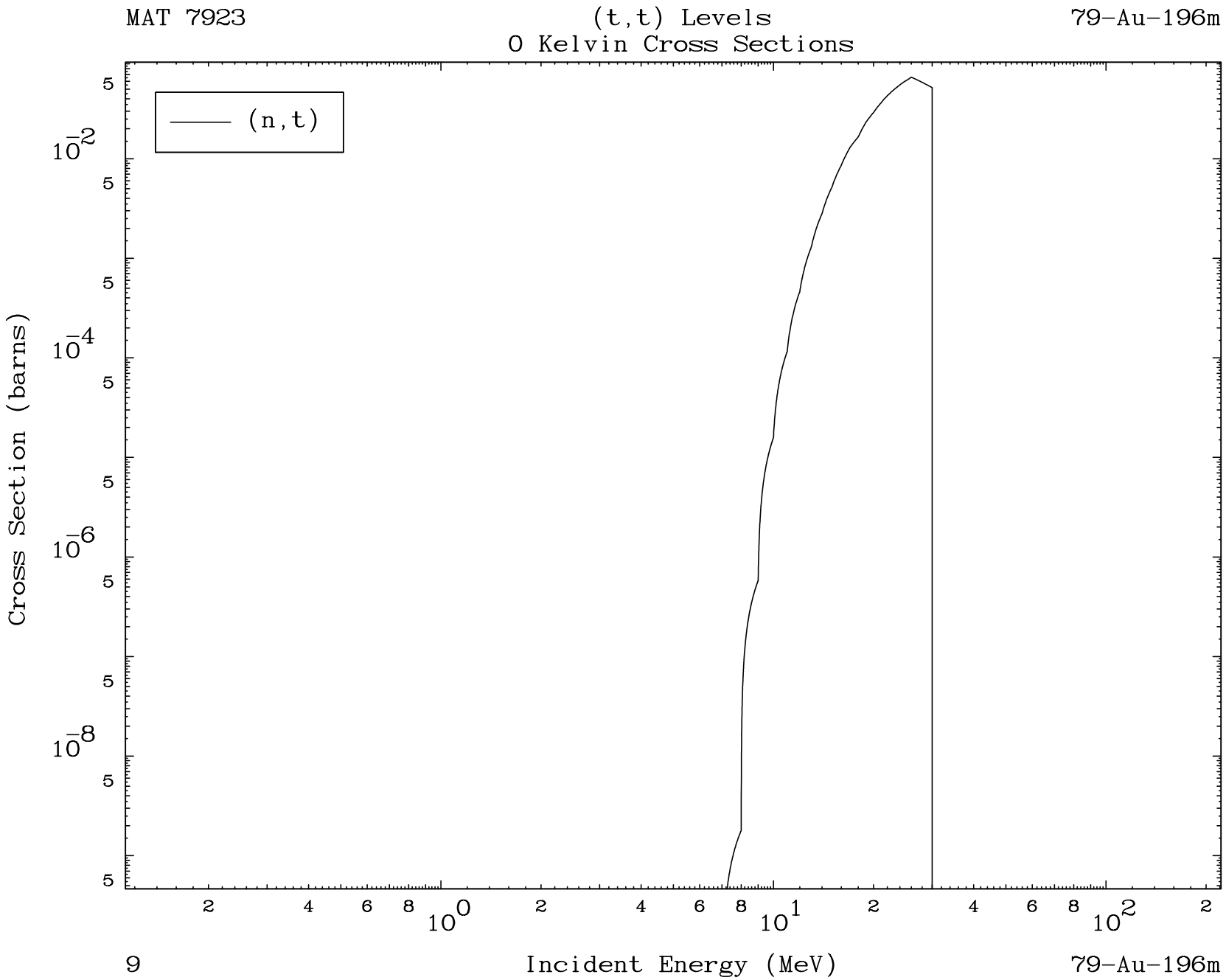

MAT 7923
Triton Neutron Absorption
0 Kelvin Cross Sections
79-Au-196m
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-196m

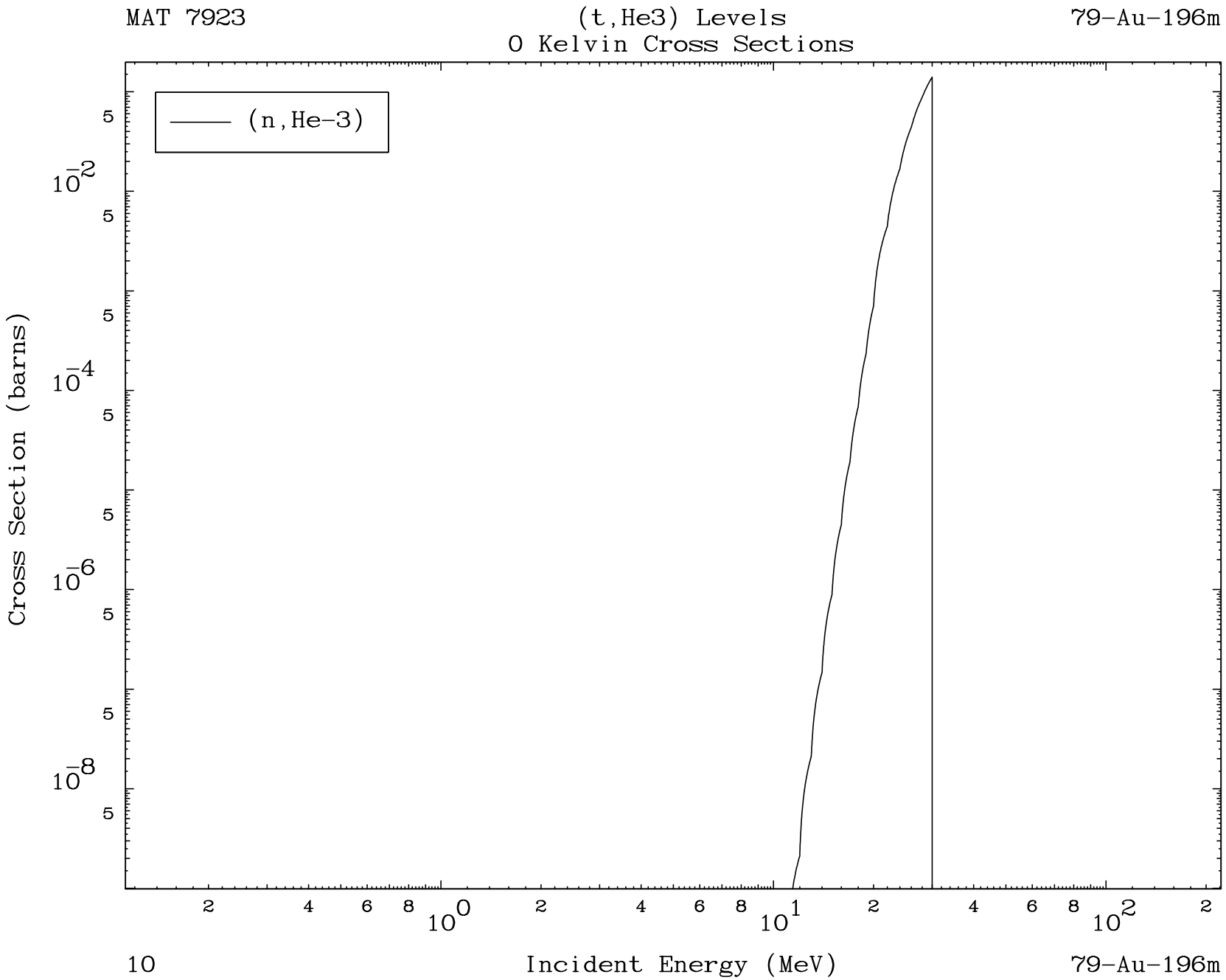

MAT 7923
Triton Charged Particle
0 Kelvin Cross Sections
79-Au-196m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
79-Au-196m
5

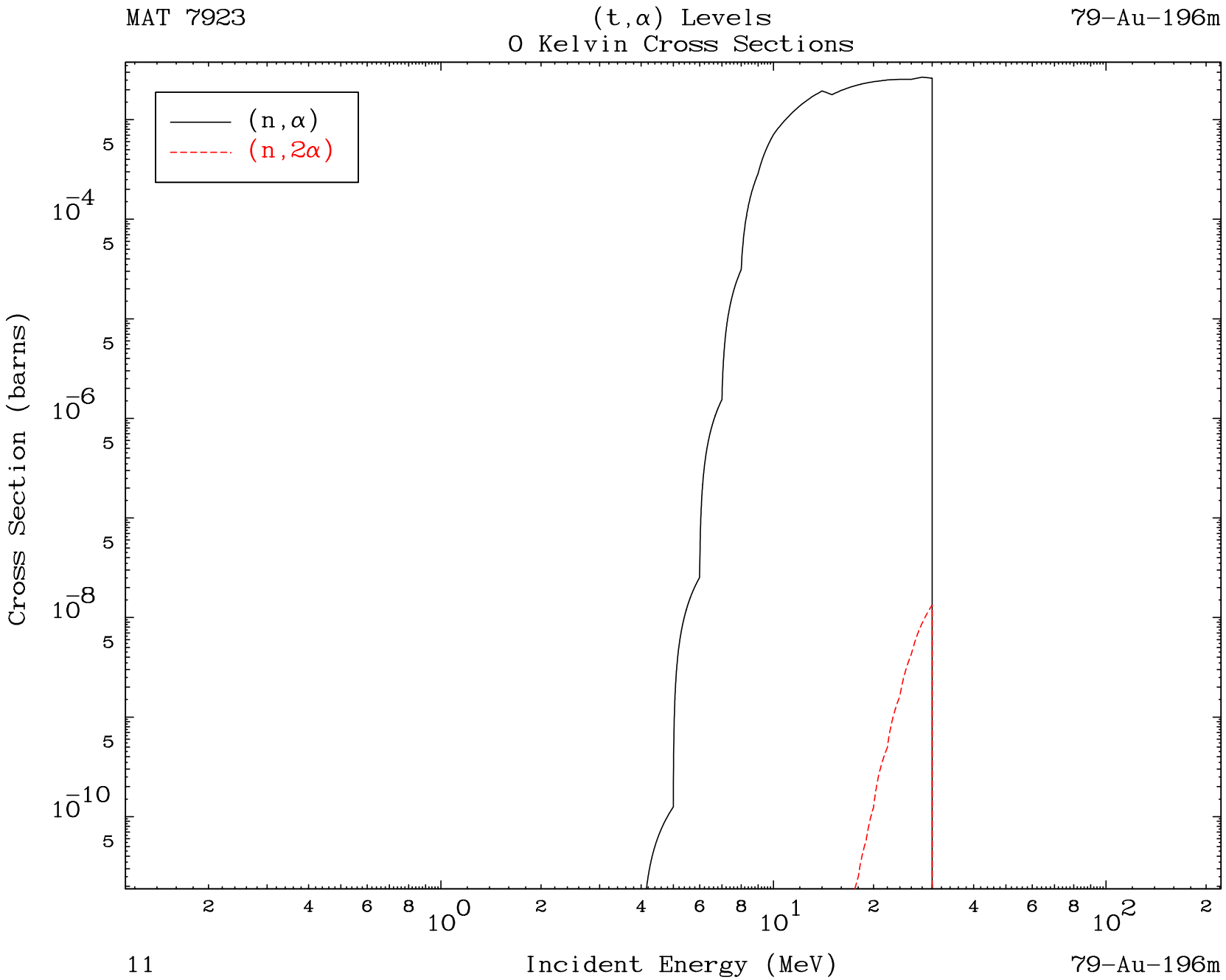

MAT 7923
Triton Charged Particle
0 Kelvin Cross Sections
79-Au-196m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-196m

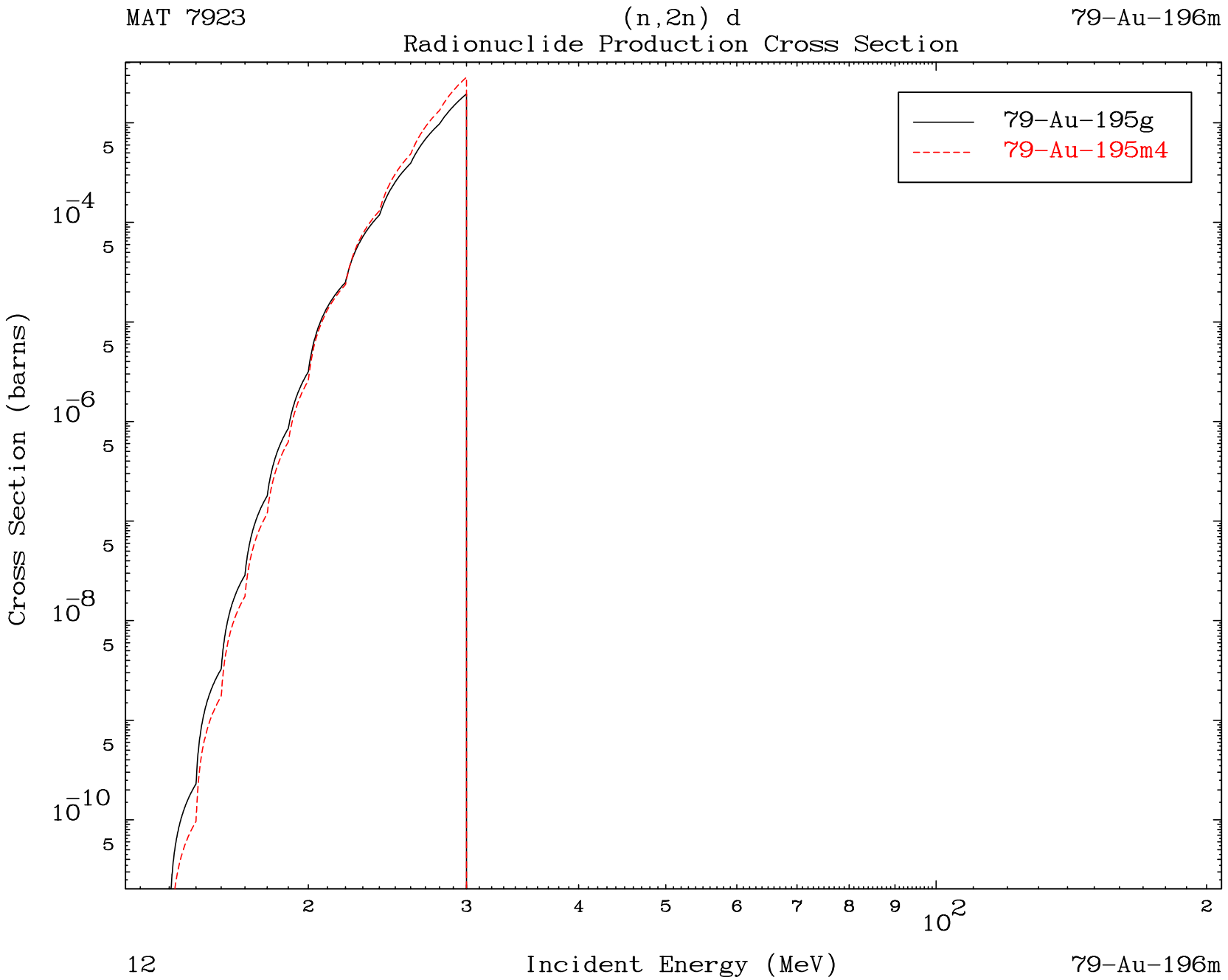

MAT 7923
(t,p) Levels
79-Au-196m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
7
79-Au-196m

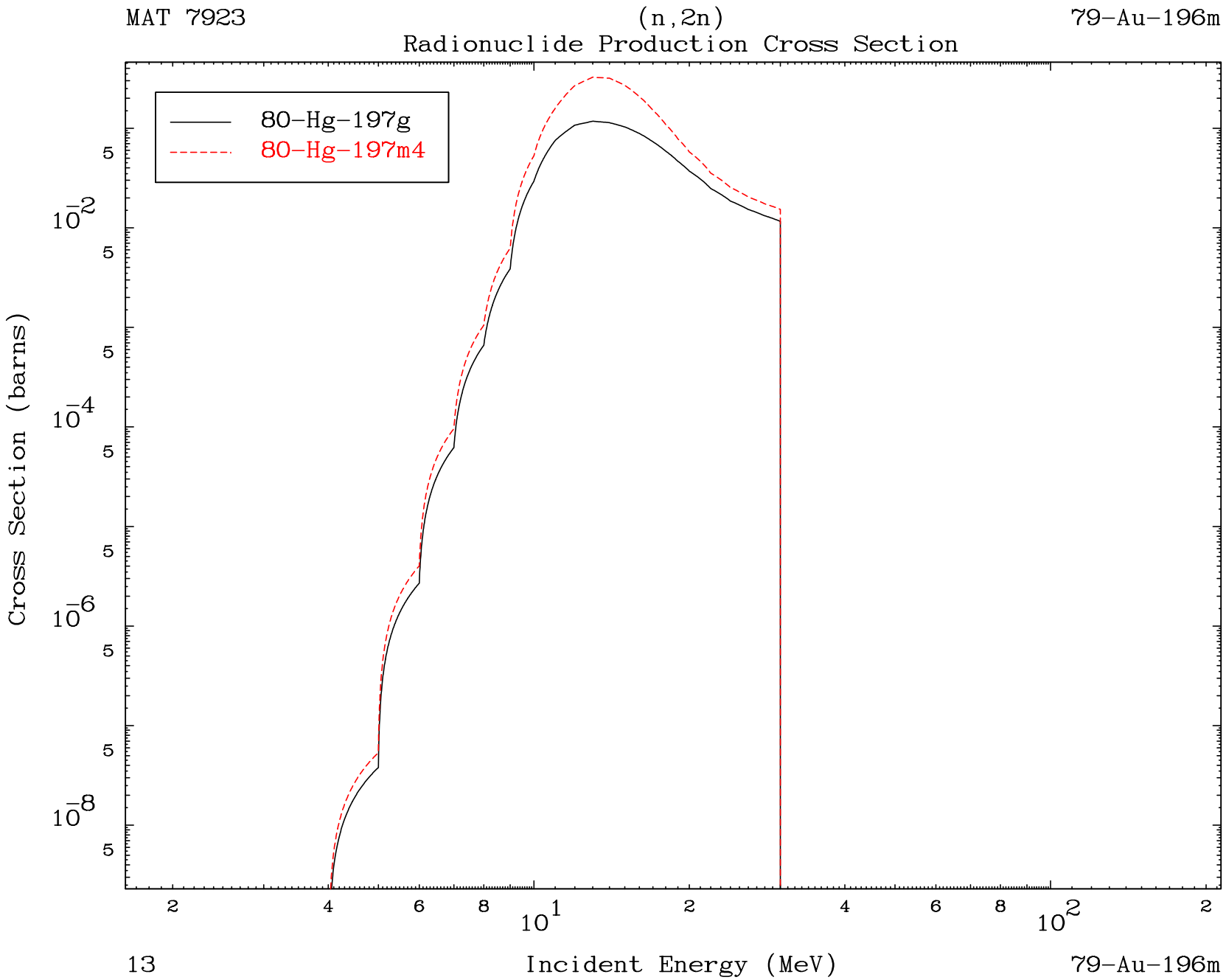

MAT 7923
(t,d) Levels
79-Au-196m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-196m

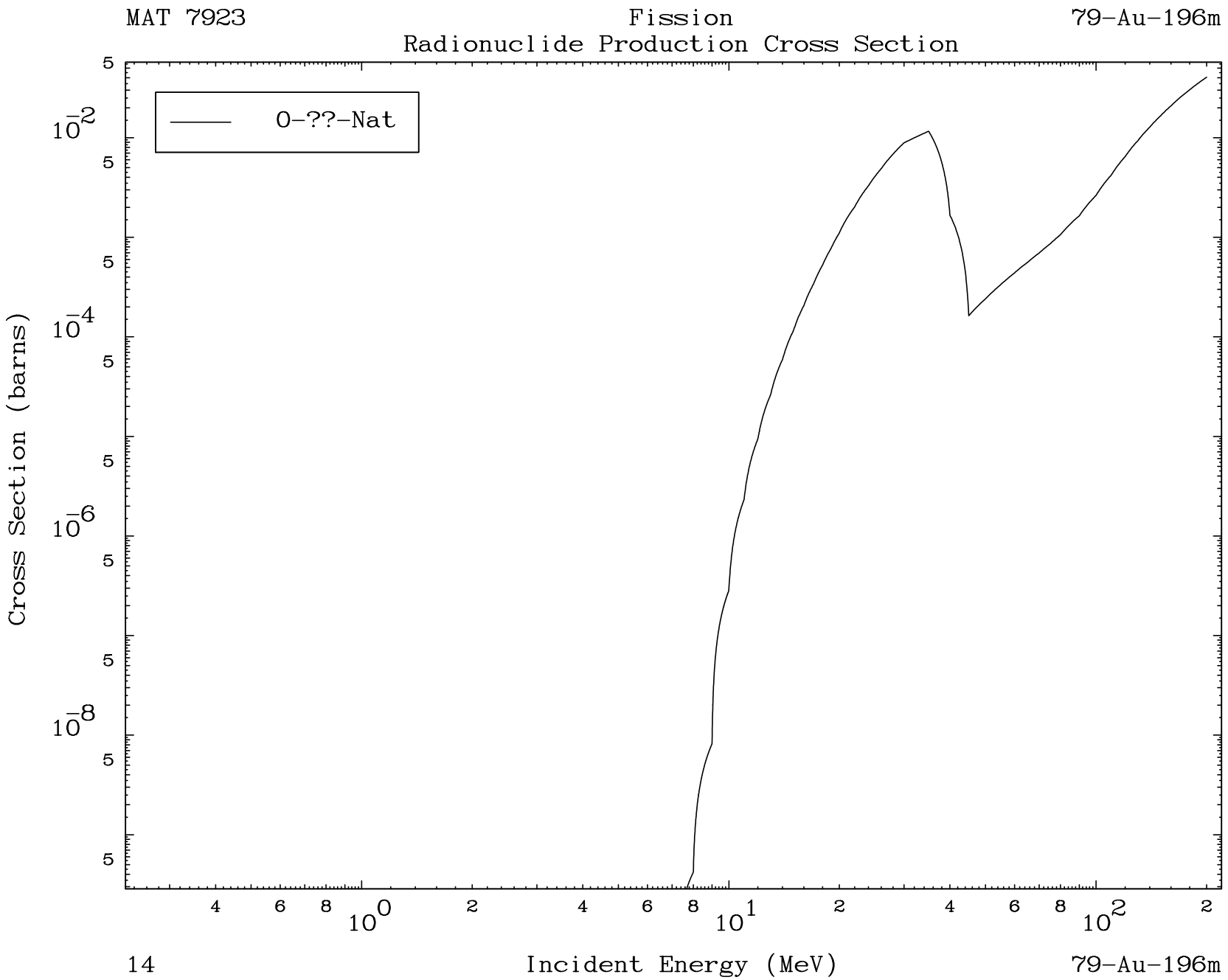

MAT 7923
(t,t) Levels
79-Au-196m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-196m

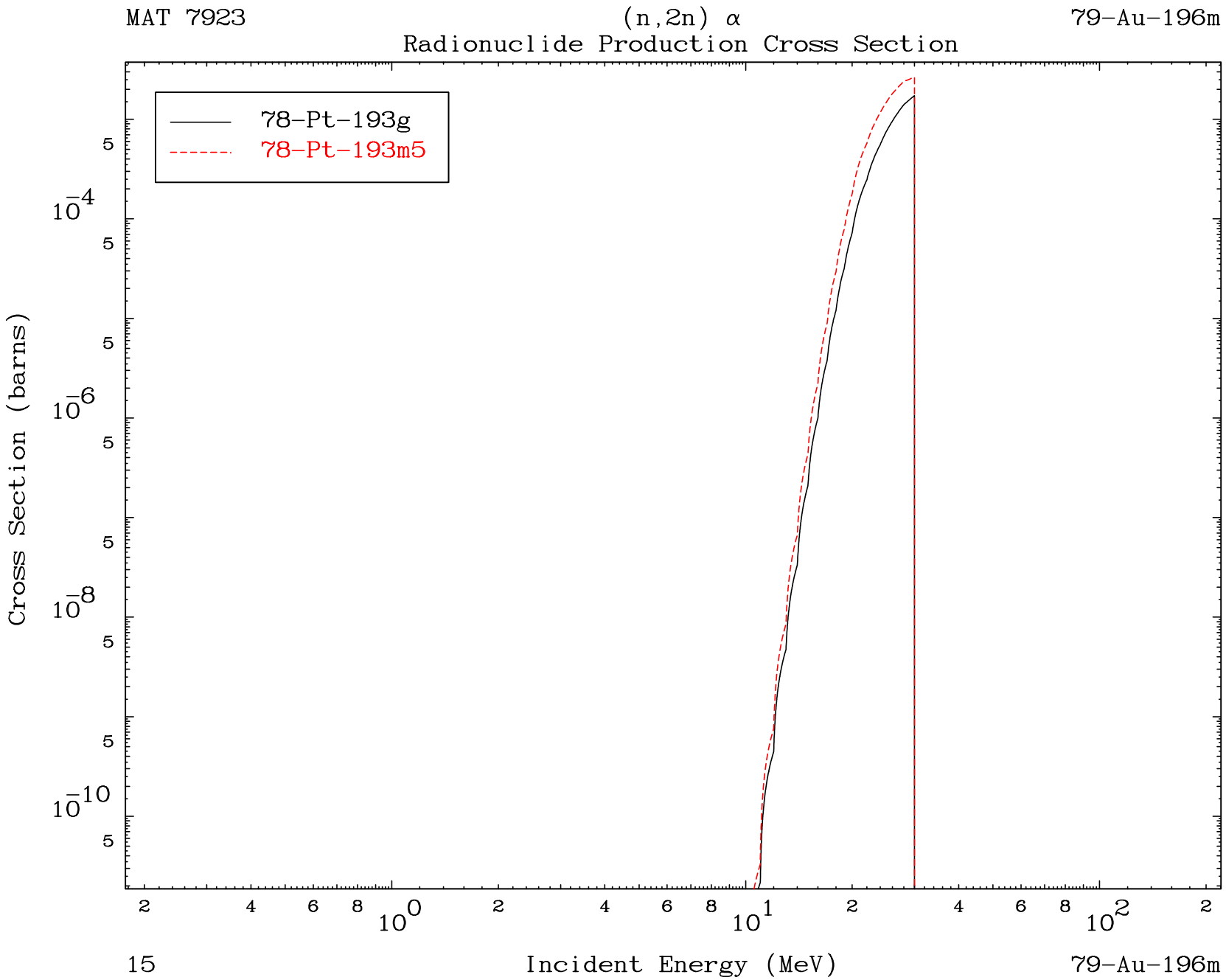

MAT 7923
(t,He3) Levels
79-Au-196m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
79-Au-196m

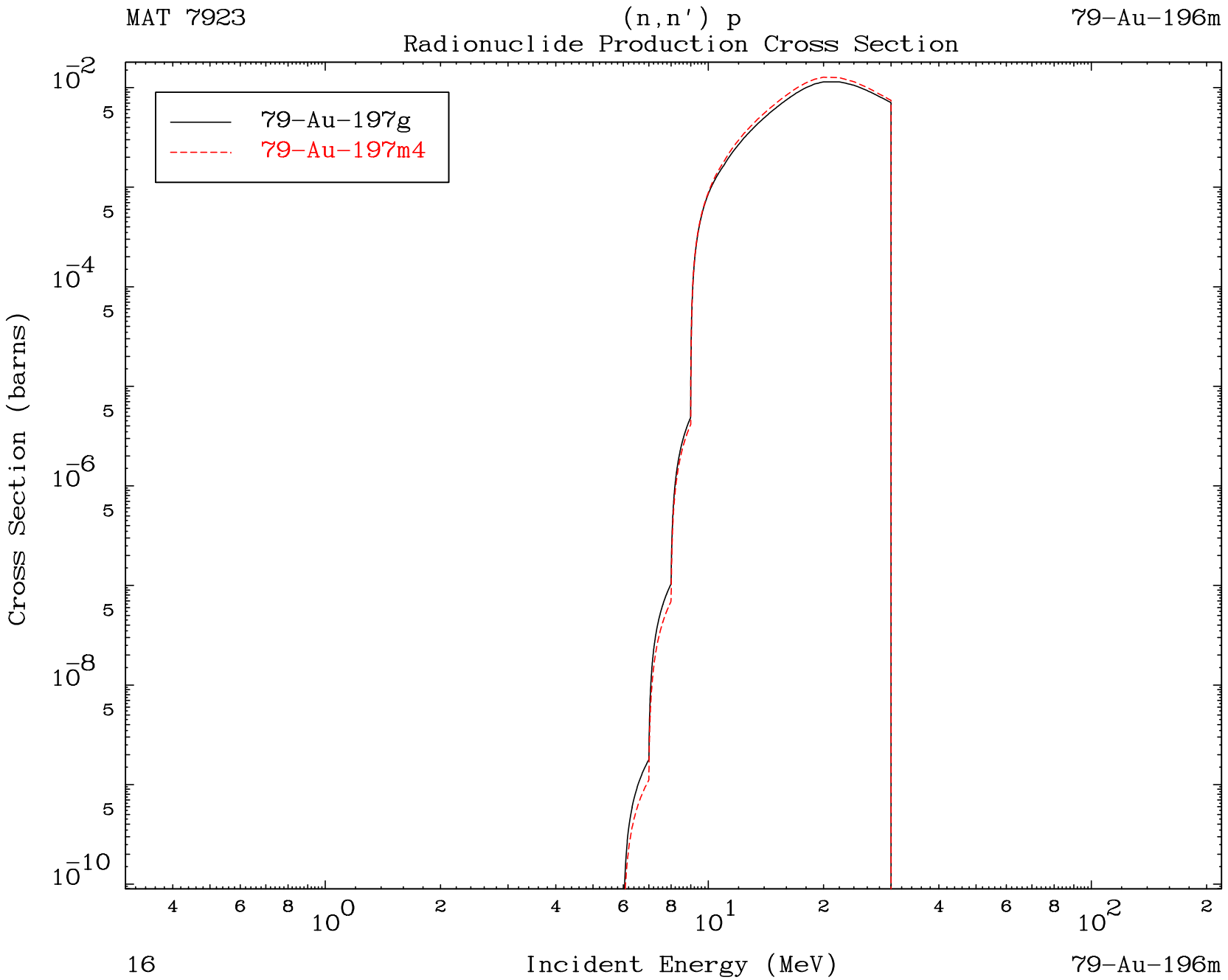

MAT 7923
(t,α) Levels
79-Au-196m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
79-Au-196m

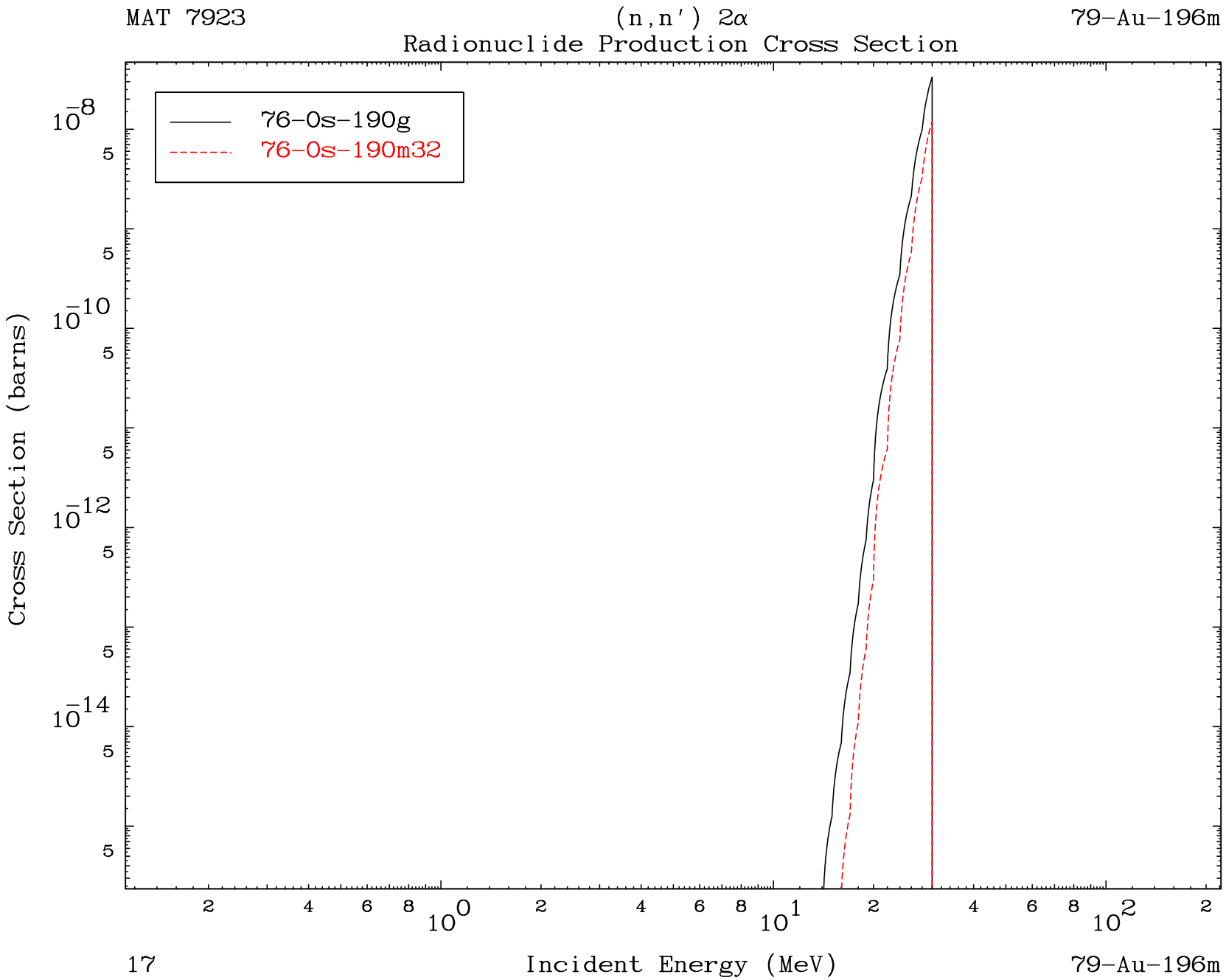

MAT 7923
(n,2n) d
79-Au-196m
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
79-Au-196m

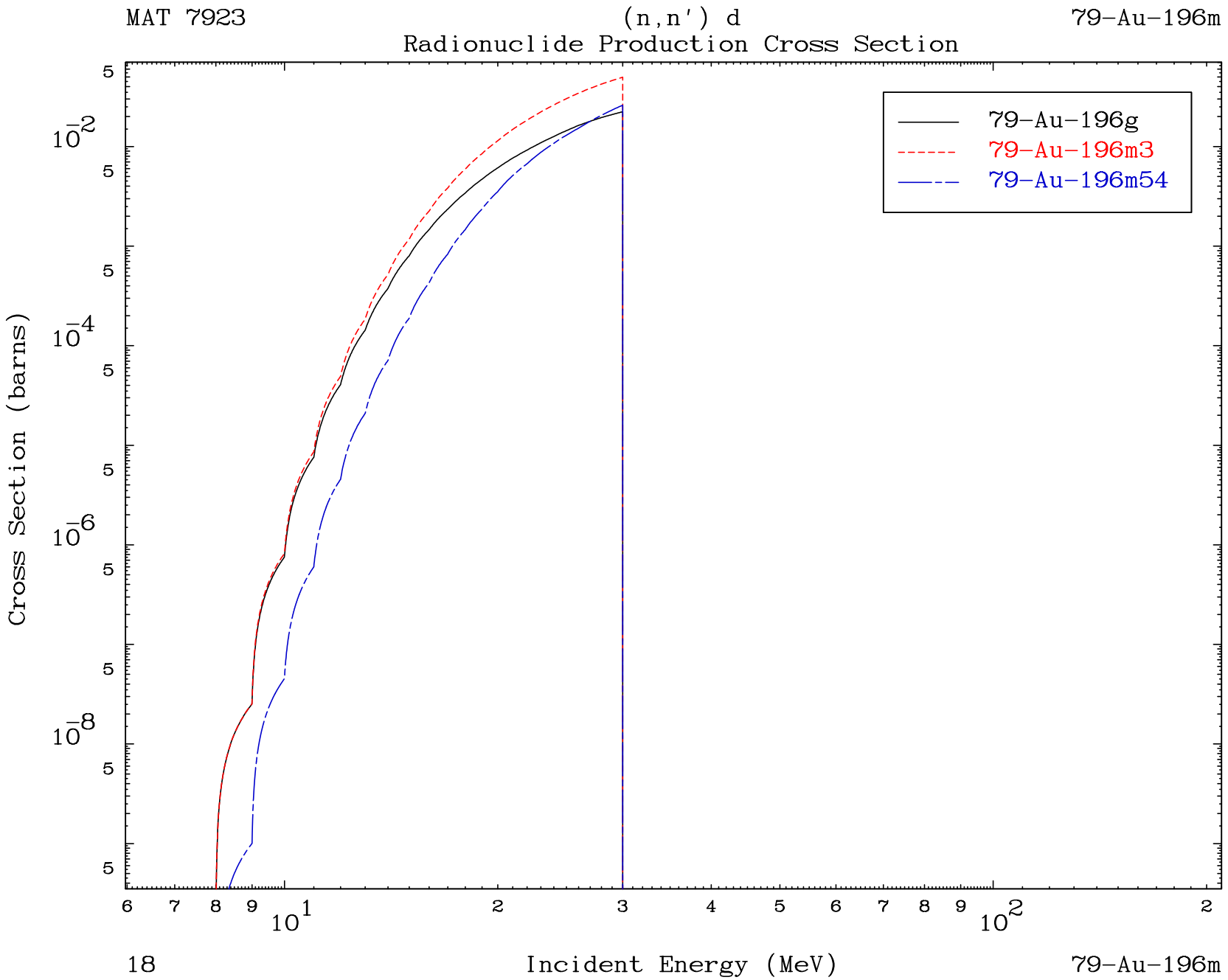

MAT 7923
(n,2n)
79-Au-196m
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
13
Incident Energy (MeV)
79-Au-196m

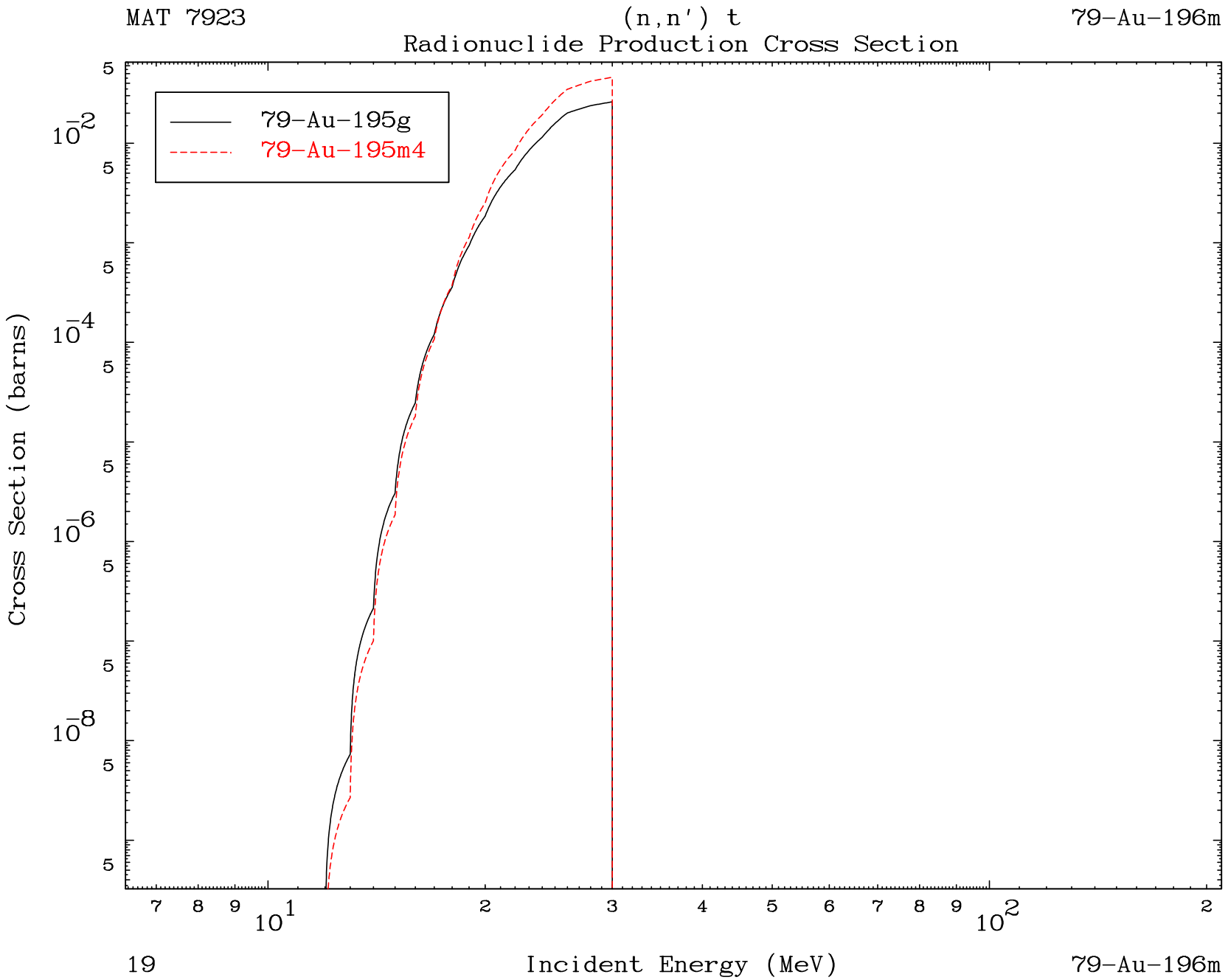

MAT 7923
Fission
79-Au-196m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-196m

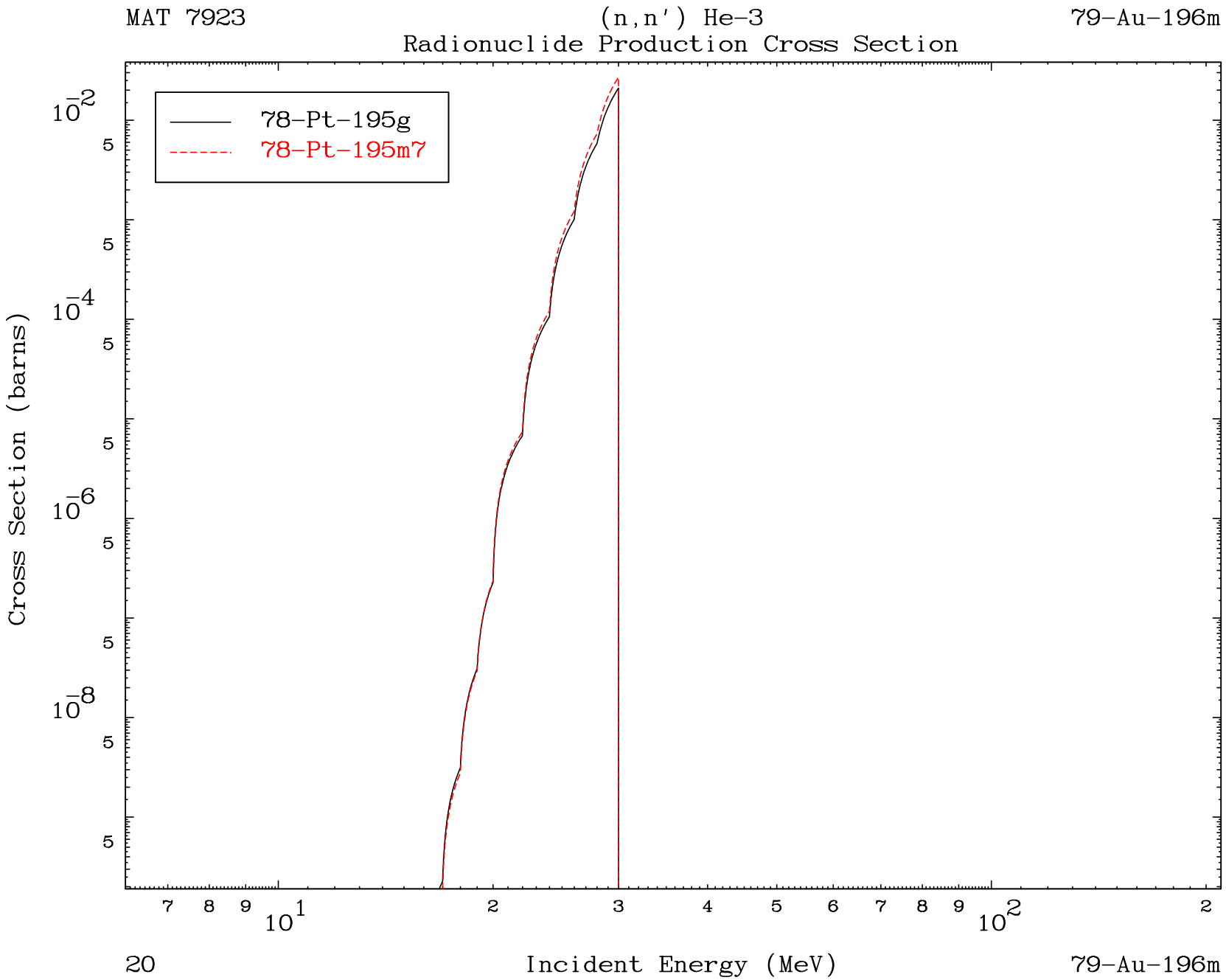

MAT 7923
(n,2n) α
79-Au-196m
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
15
79-Au-196m

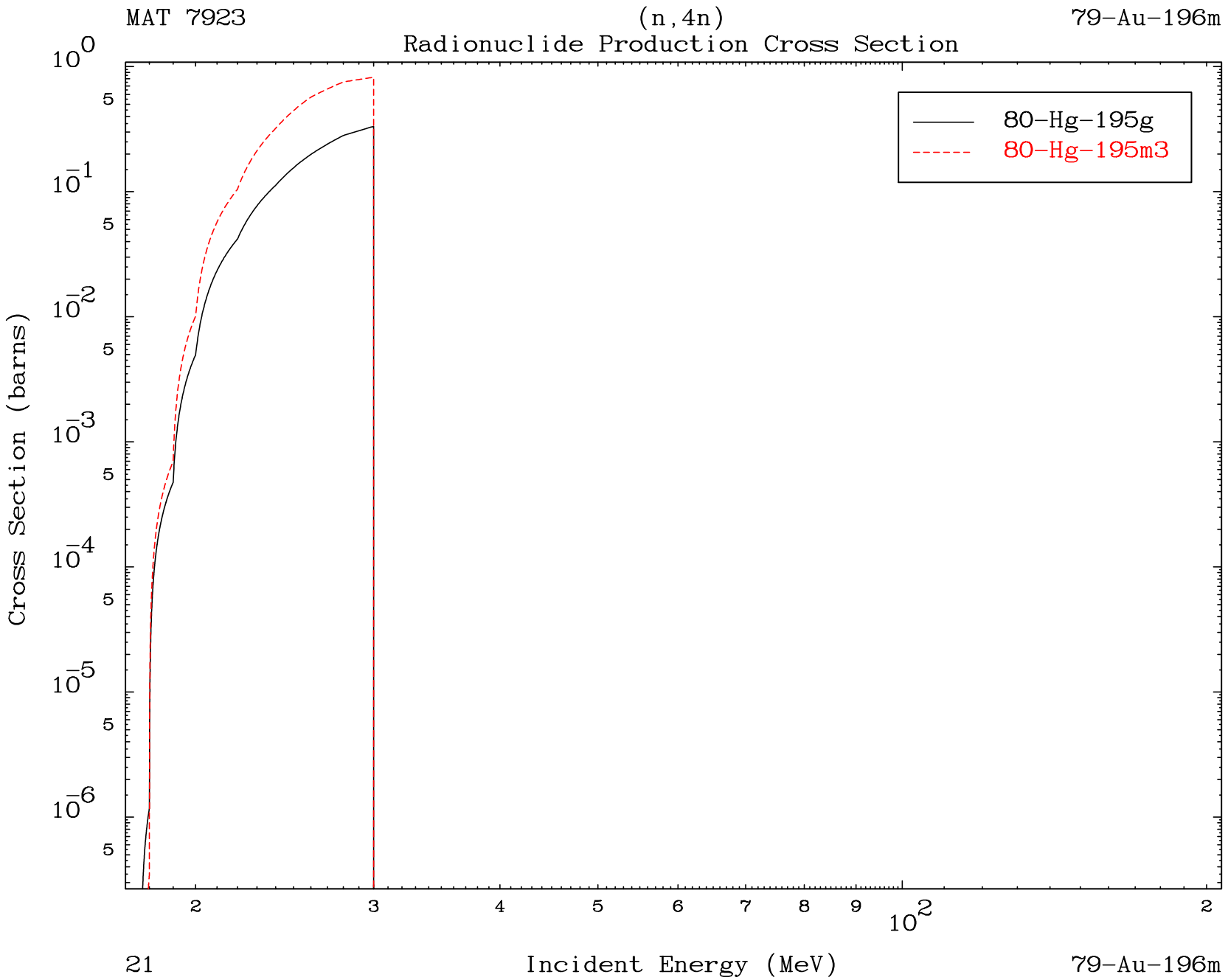

MAT 7923
(n,n') p
79-Au-196m
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
16
79-Au-196m

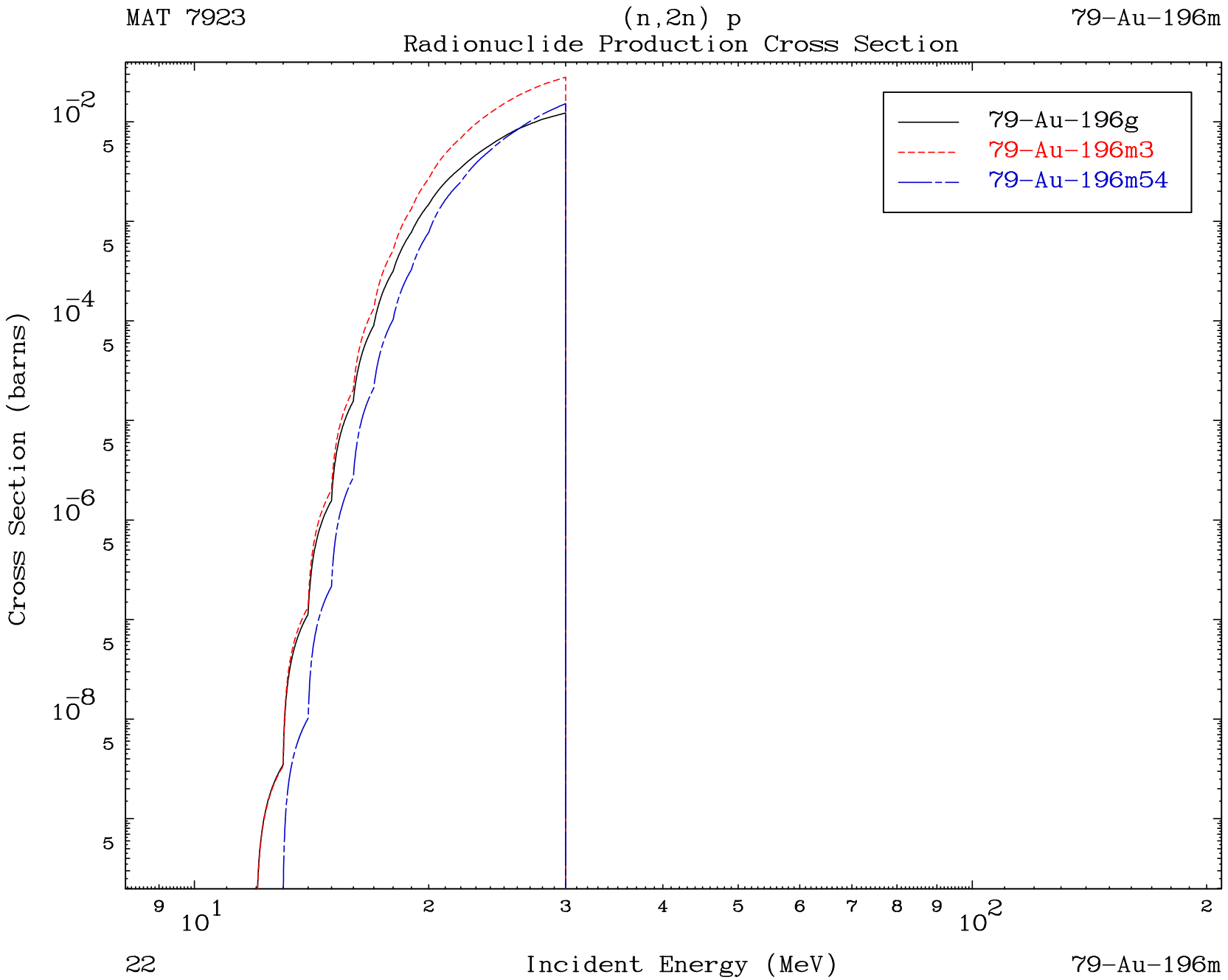

MAT 7923
(n,n') 2α
79-Au-196m
Radionuclide Production Cross Section
76-Os-190g
76-Os-190m32
Cross Section (barns)
Incident Energy (MeV)
17
79-Au-196m

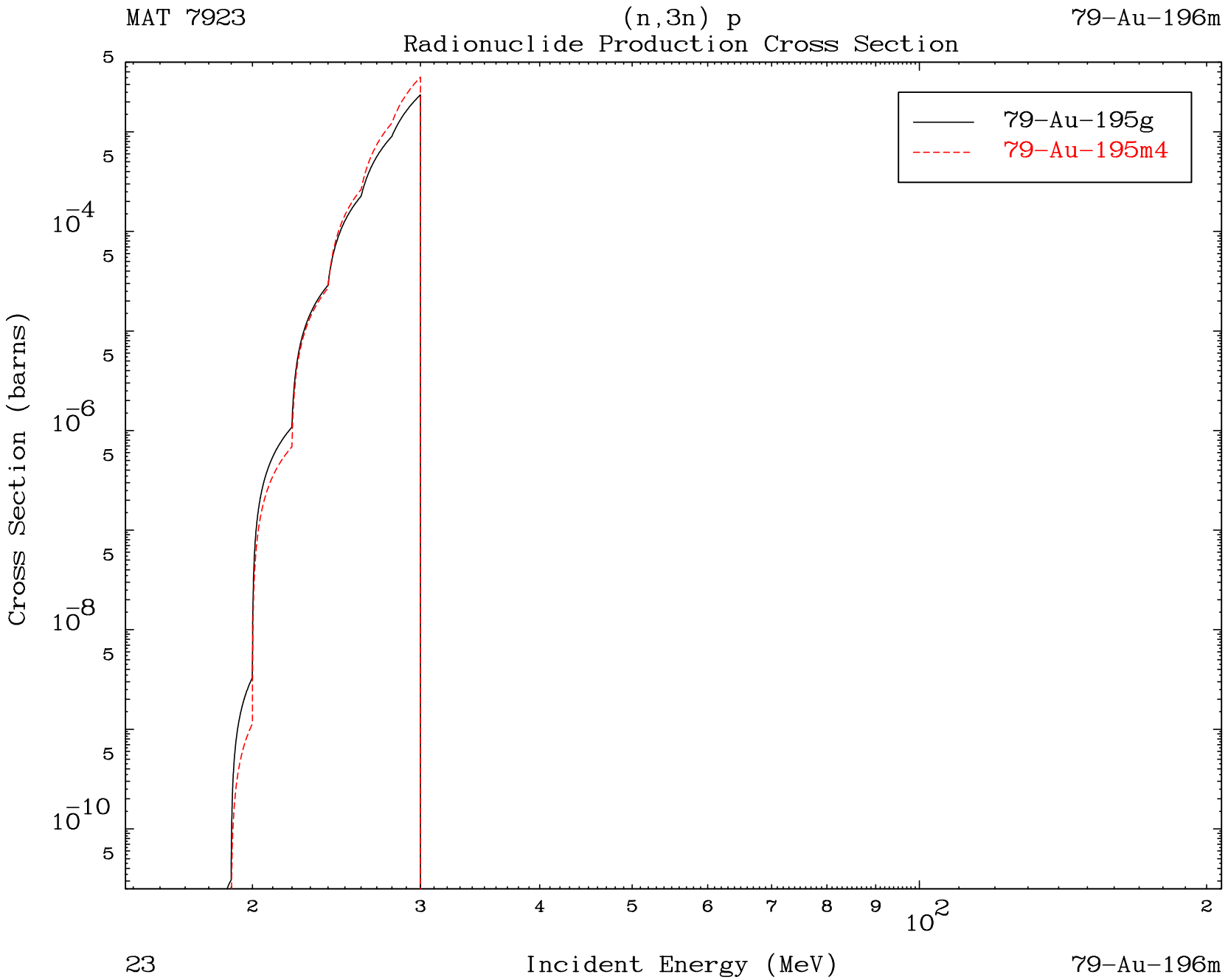

MAT 7923
(n,n') d
79-Au-196m
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
Incident Energy (MeV)
18
79-Au-196m

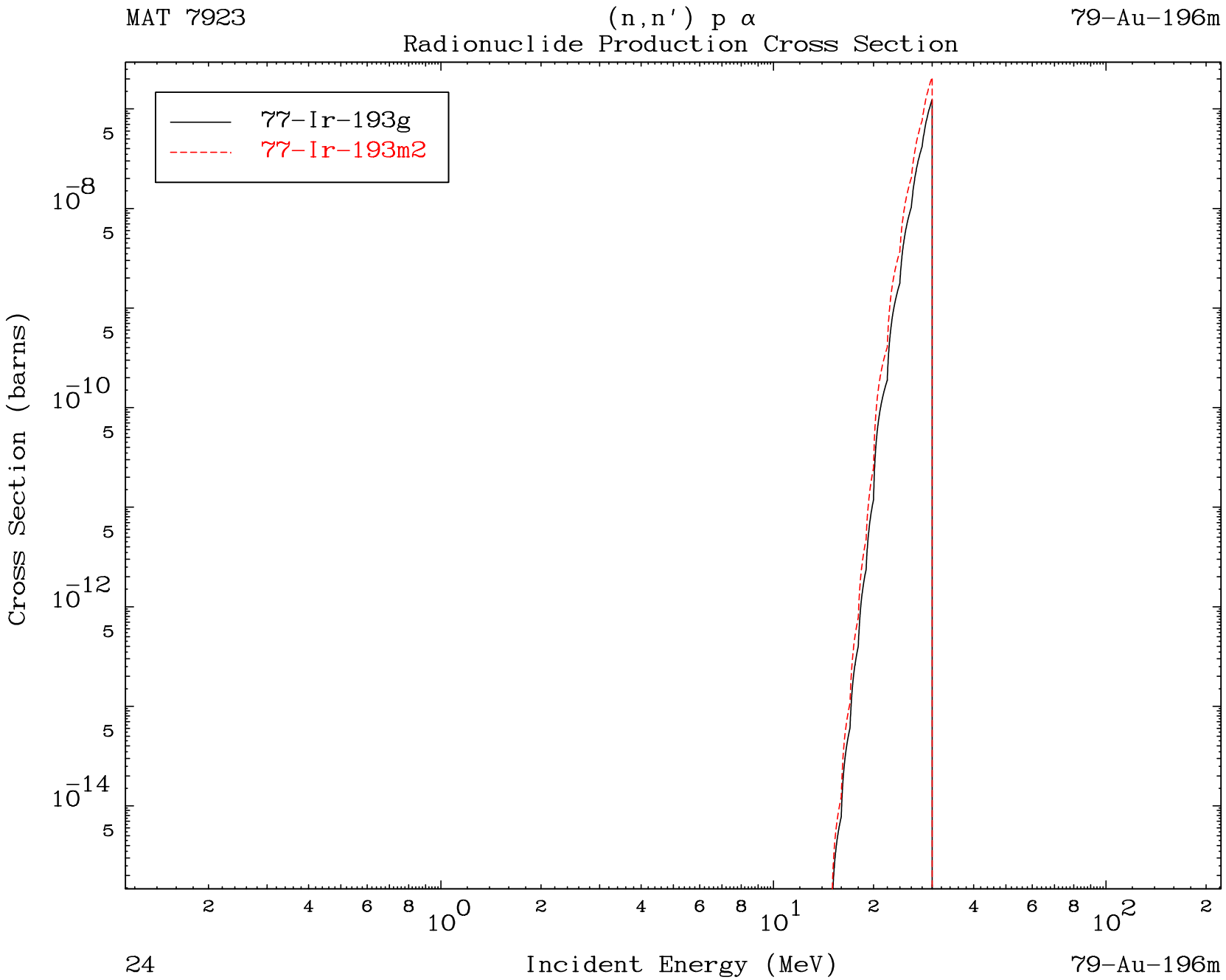

MAT 7923
(n,n') t
79-Au-196m
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
19
79-Au-196m

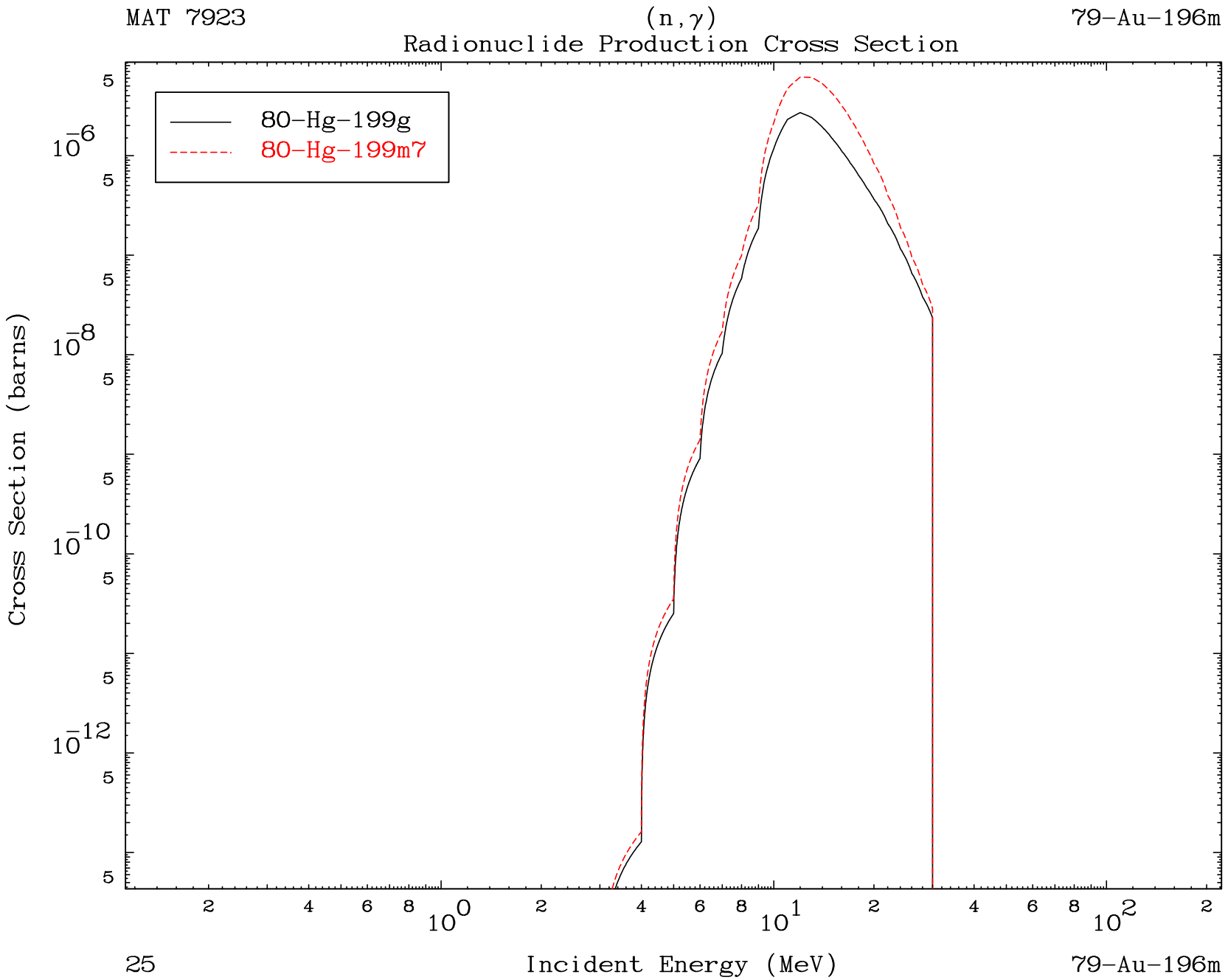

MAT 7923
(n,n') He-3
79-Au-196m
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
20
79-Au-196m

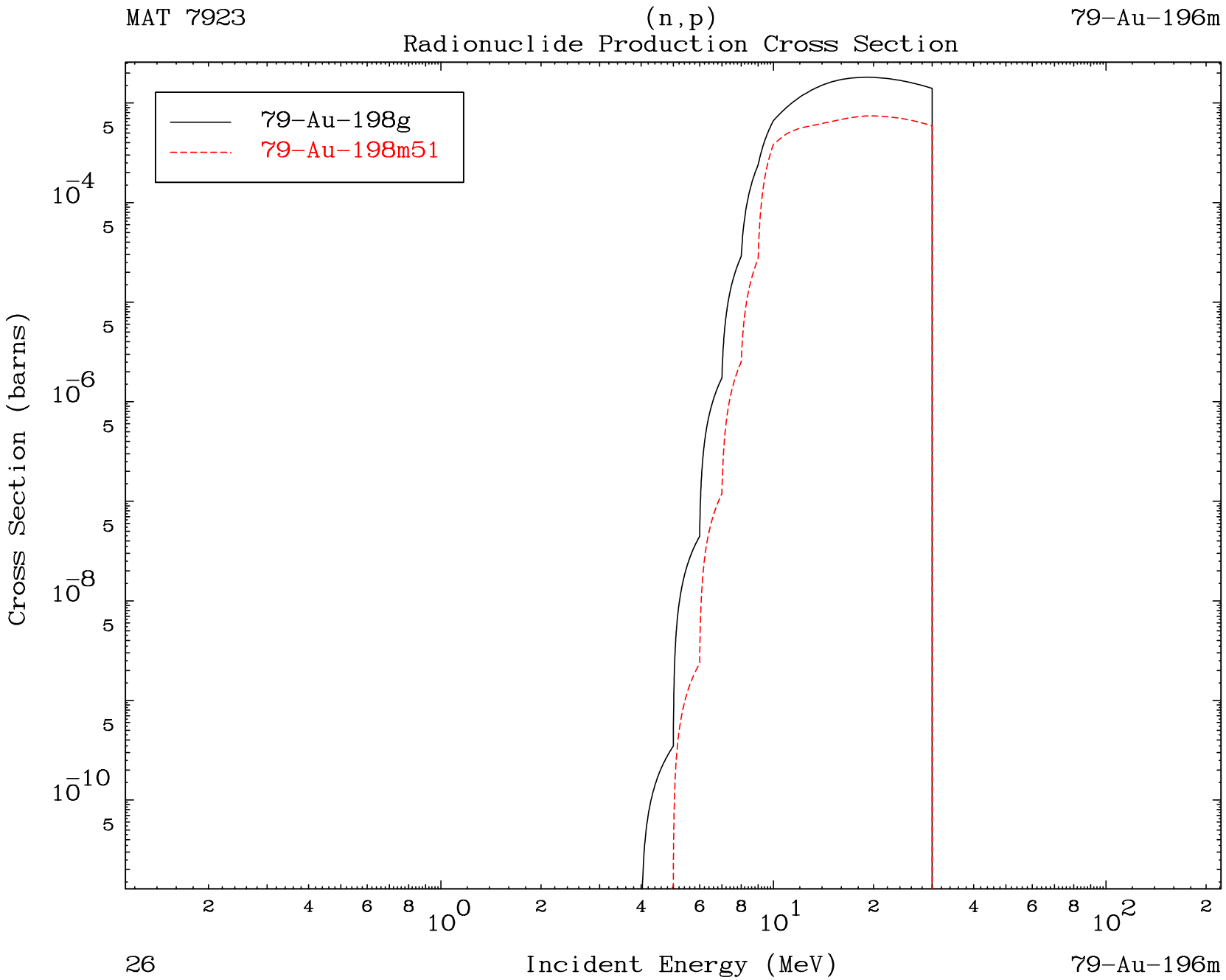

MAT 7923
(n,4n)
79-Au-196m
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
Incident Energy (MeV)
21
79-Au-196m

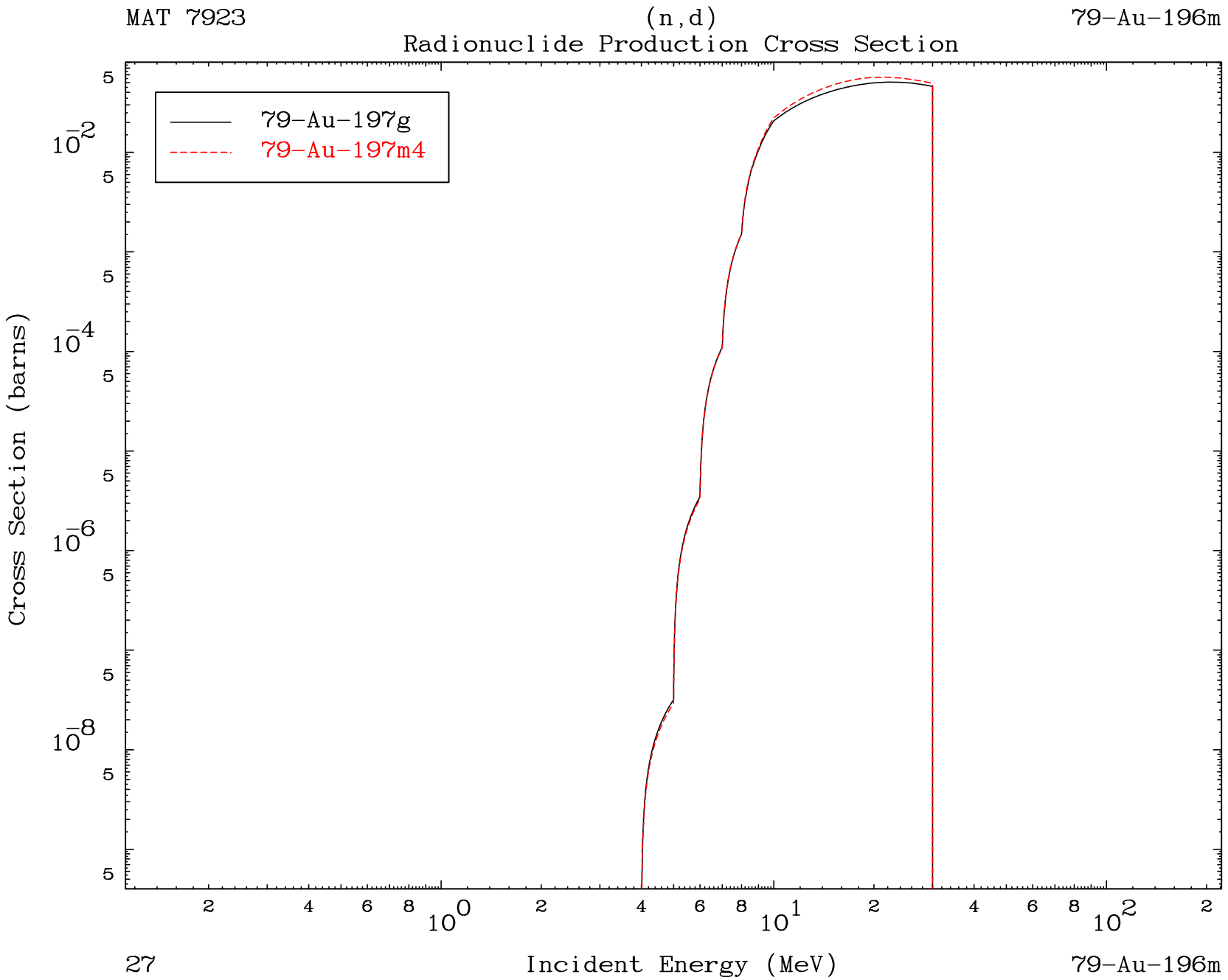

MAT 7923
(n,2n) p
79-Au-196m
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
Incident Energy (MeV)
22
79-Au-196m

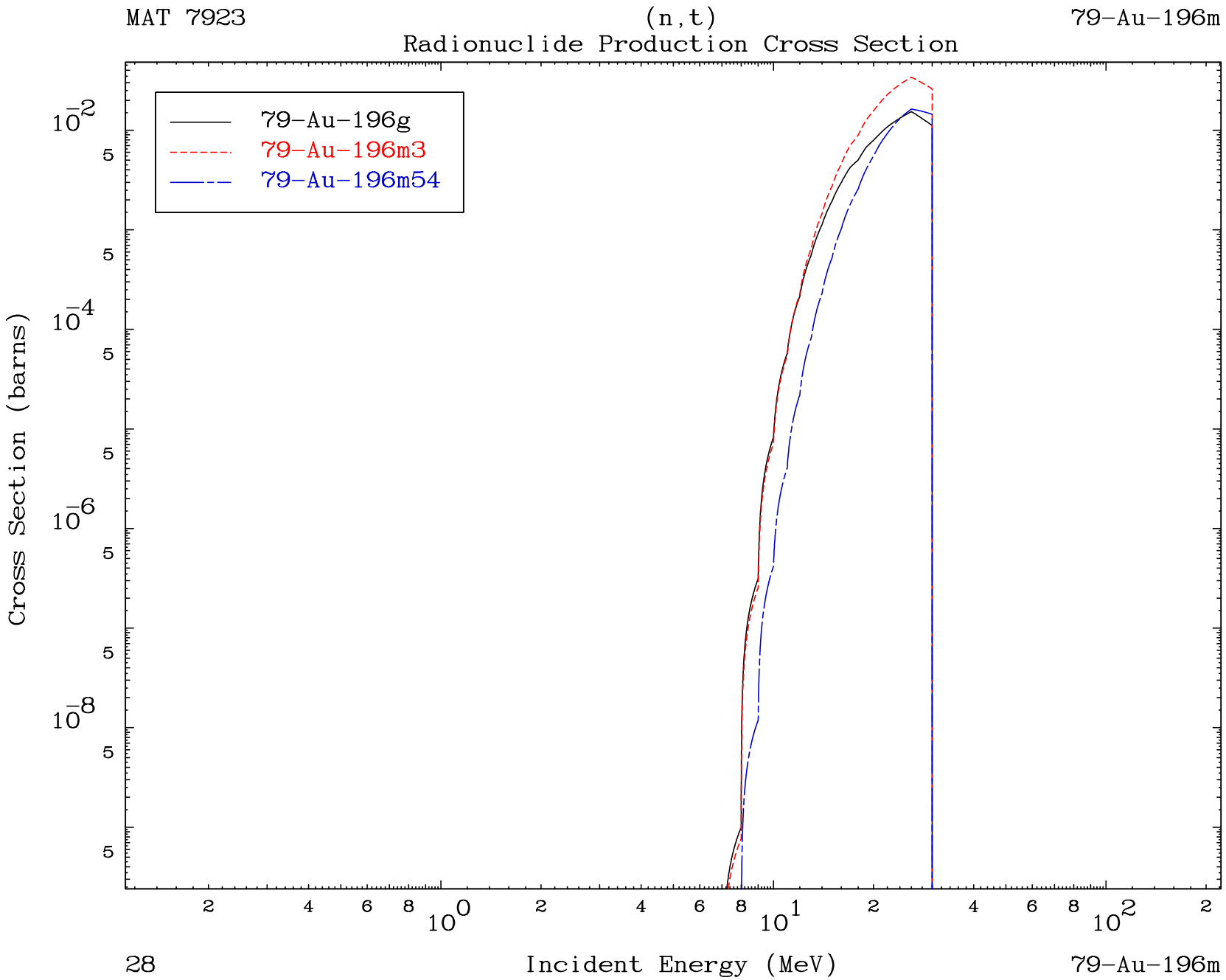

MAT 7923
(n,3n) p
79-Au-196m
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
23
79-Au-196m

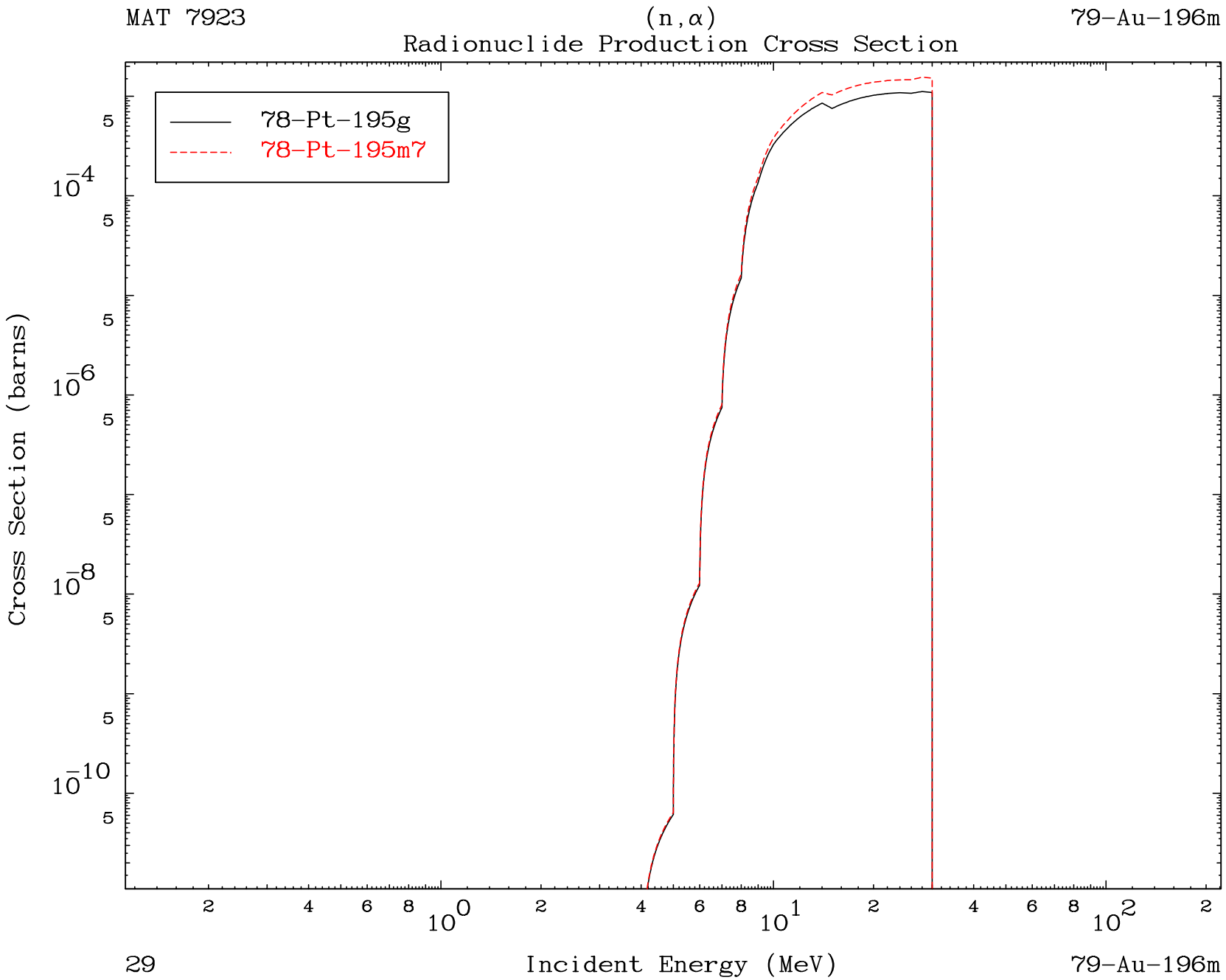

MAT 7923
(n,n') p α
79-Au-196m
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
10-8
10-10
10-12
10-14
100
101
102
Incident Energy (MeV)
24
79-Au-196m

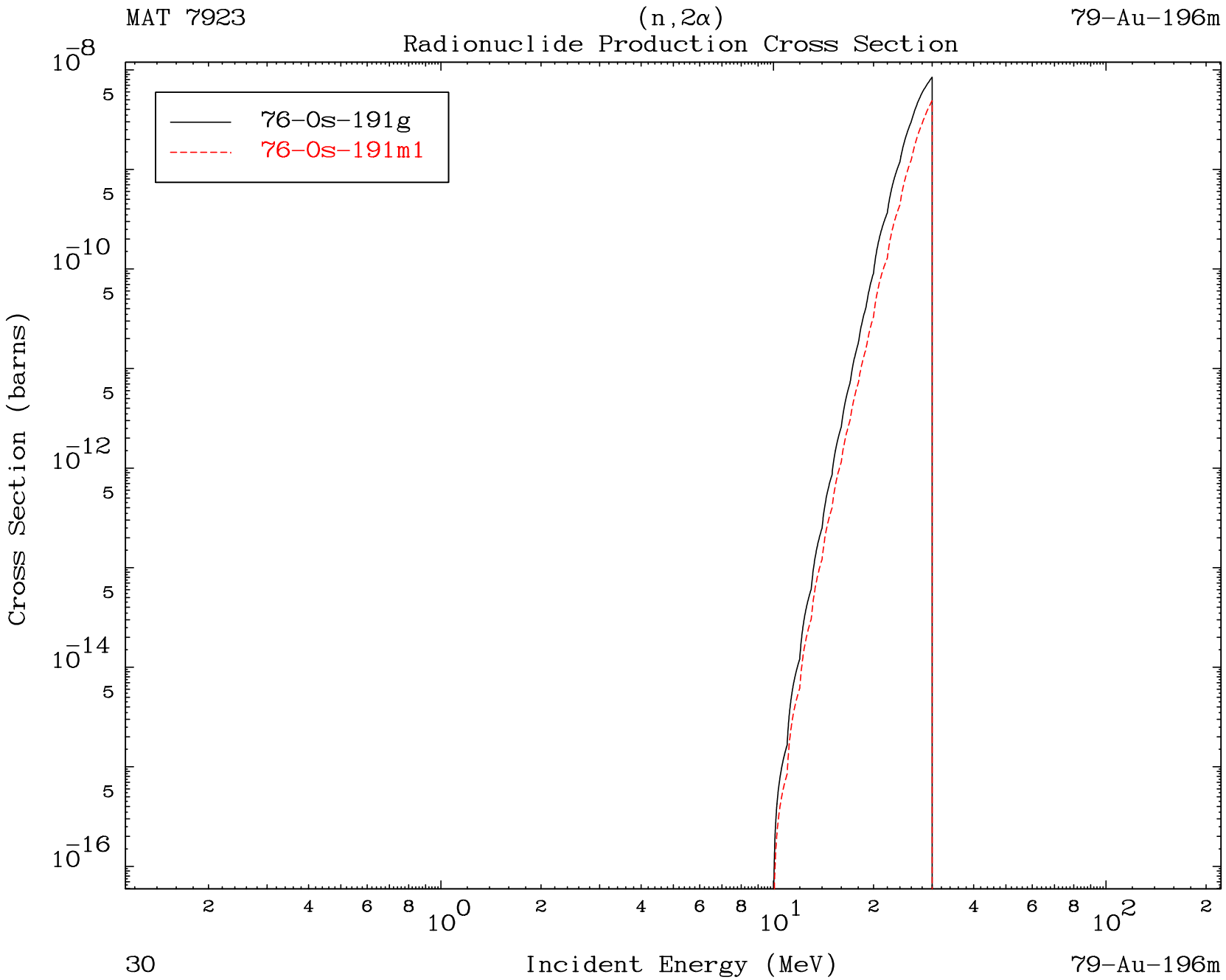

MAT 7923
(n,γ)
79-Au-196m
Radionuclide Production Cross Section
80-Hg-199g
80-Hg-199m7
Cross Section (barns)
Incident Energy (MeV)
25
79-Au-196m

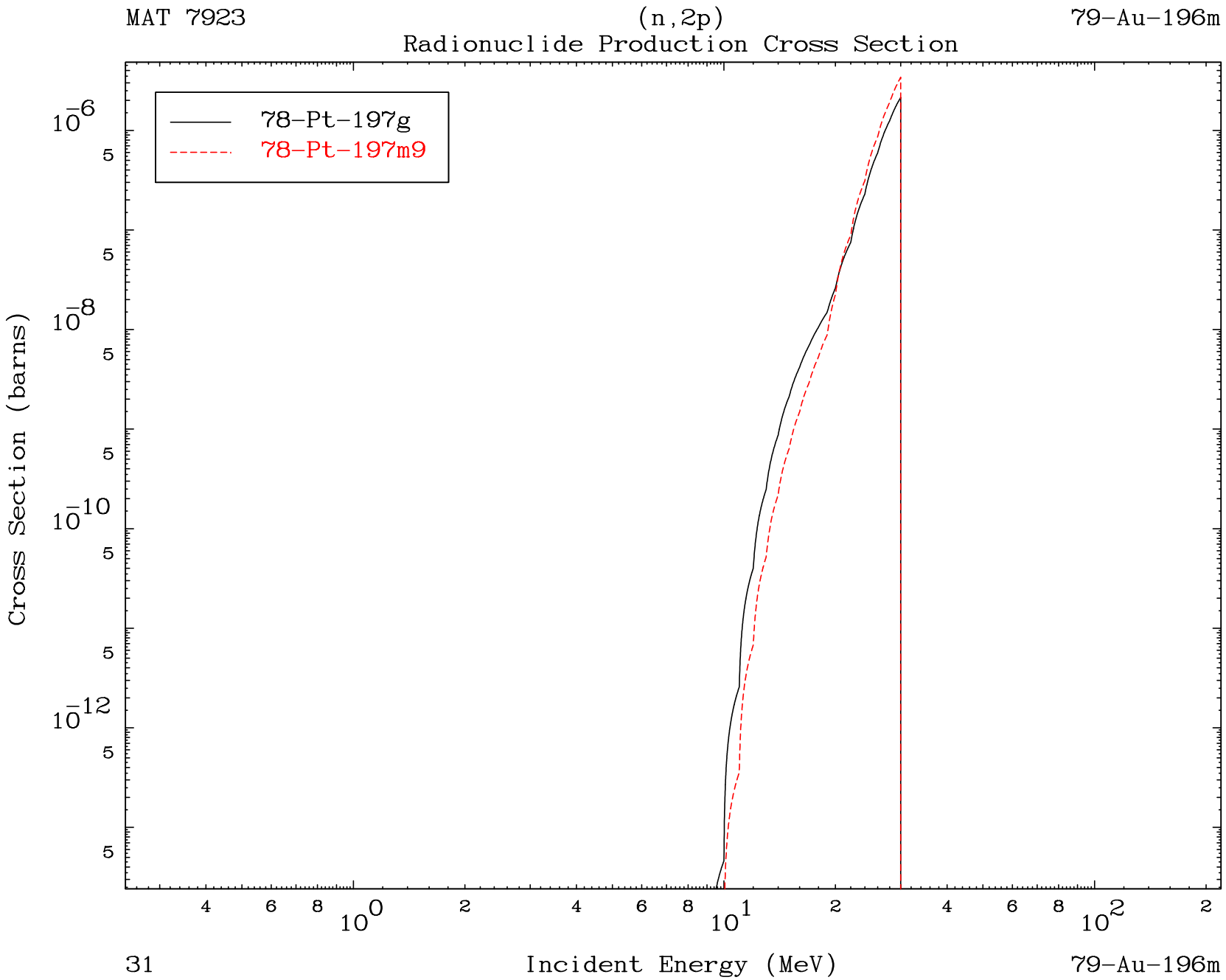

MAT 7923
(n,p)
79-Au-196m
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m51
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
26
79-Au-196m

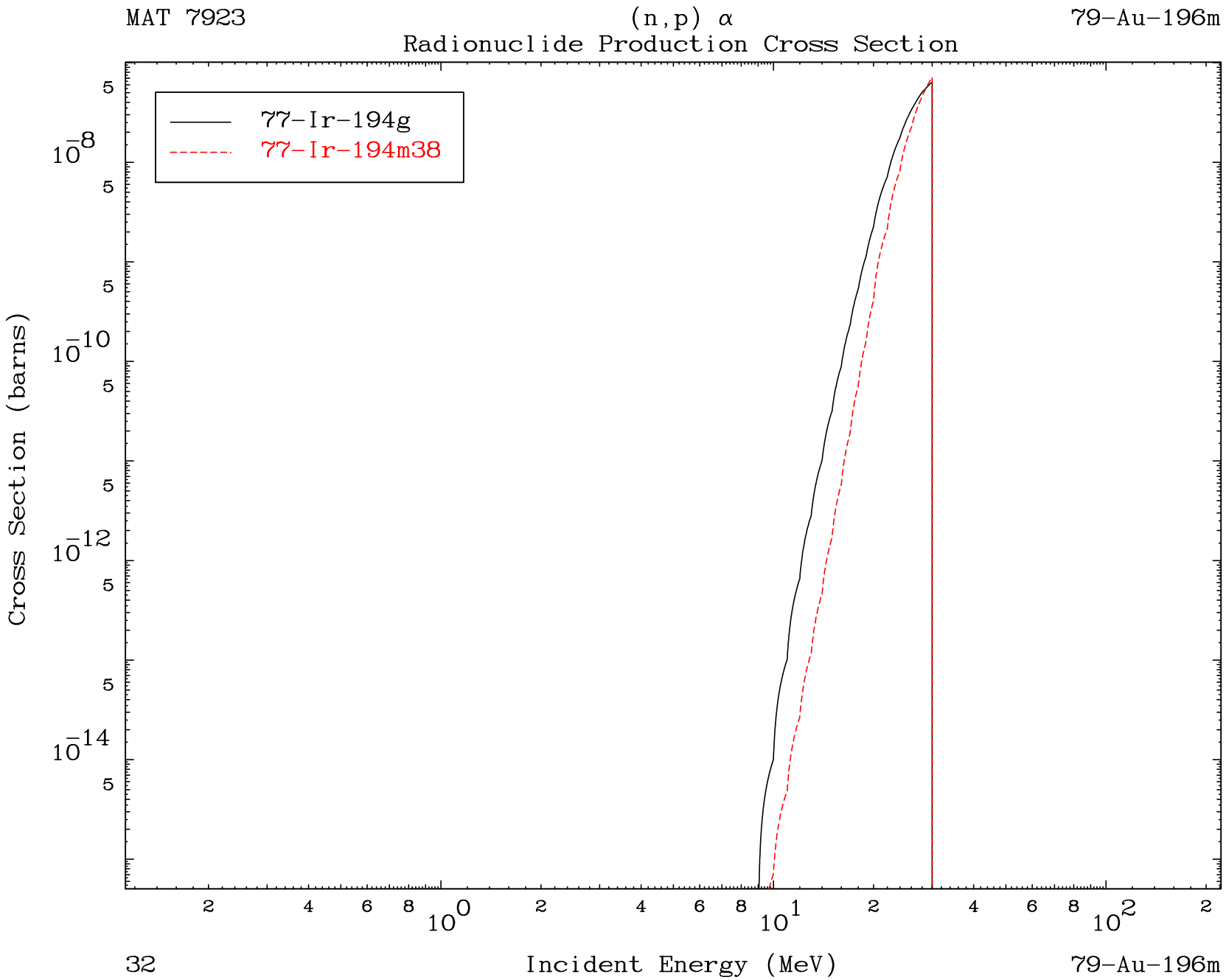

MAT 7923
(n,d)
79-Au-196m
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
27
79-Au-196m

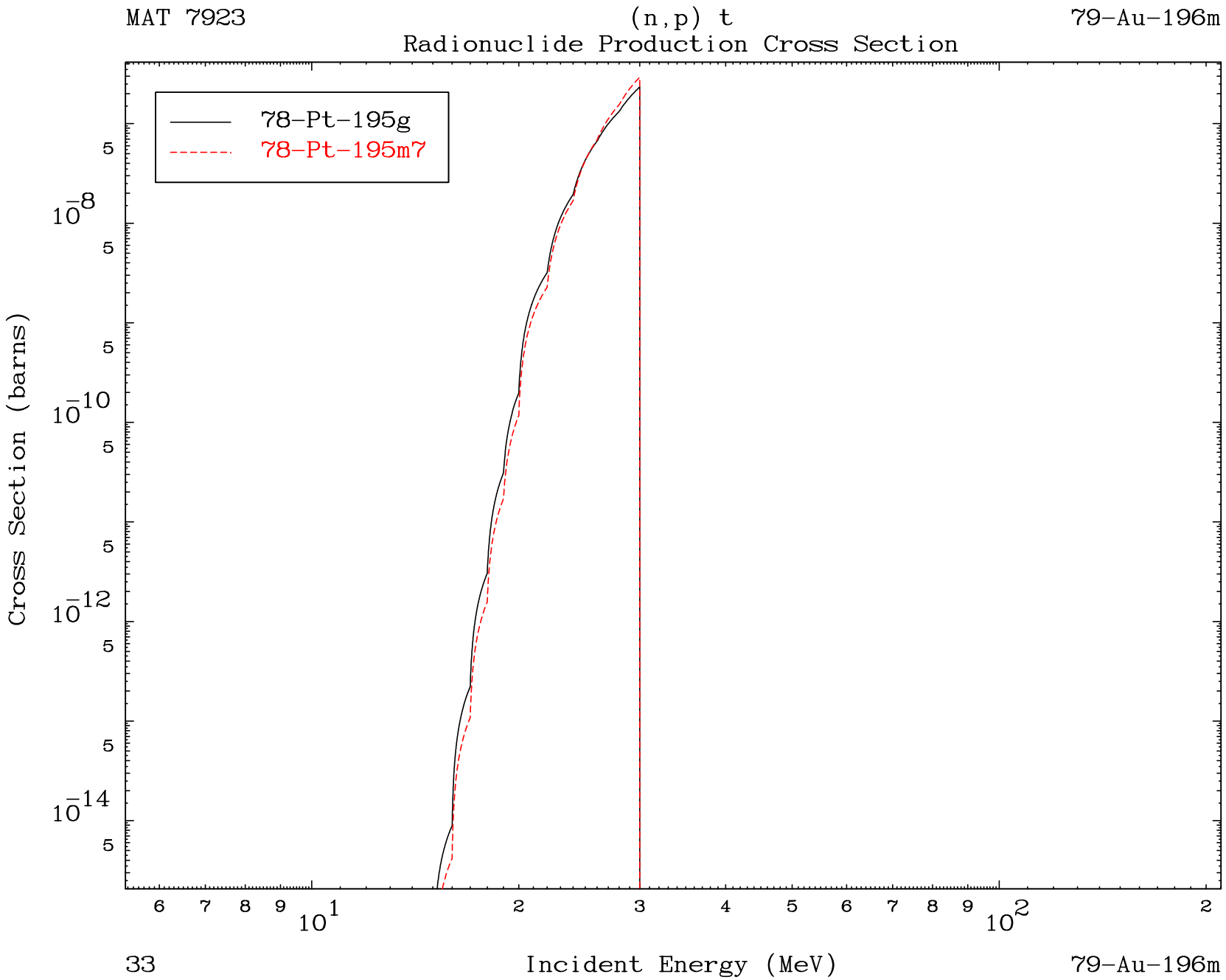

MAT 7923
(n,t)
79-Au-196m
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
Incident Energy (MeV)
28
79-Au-196m

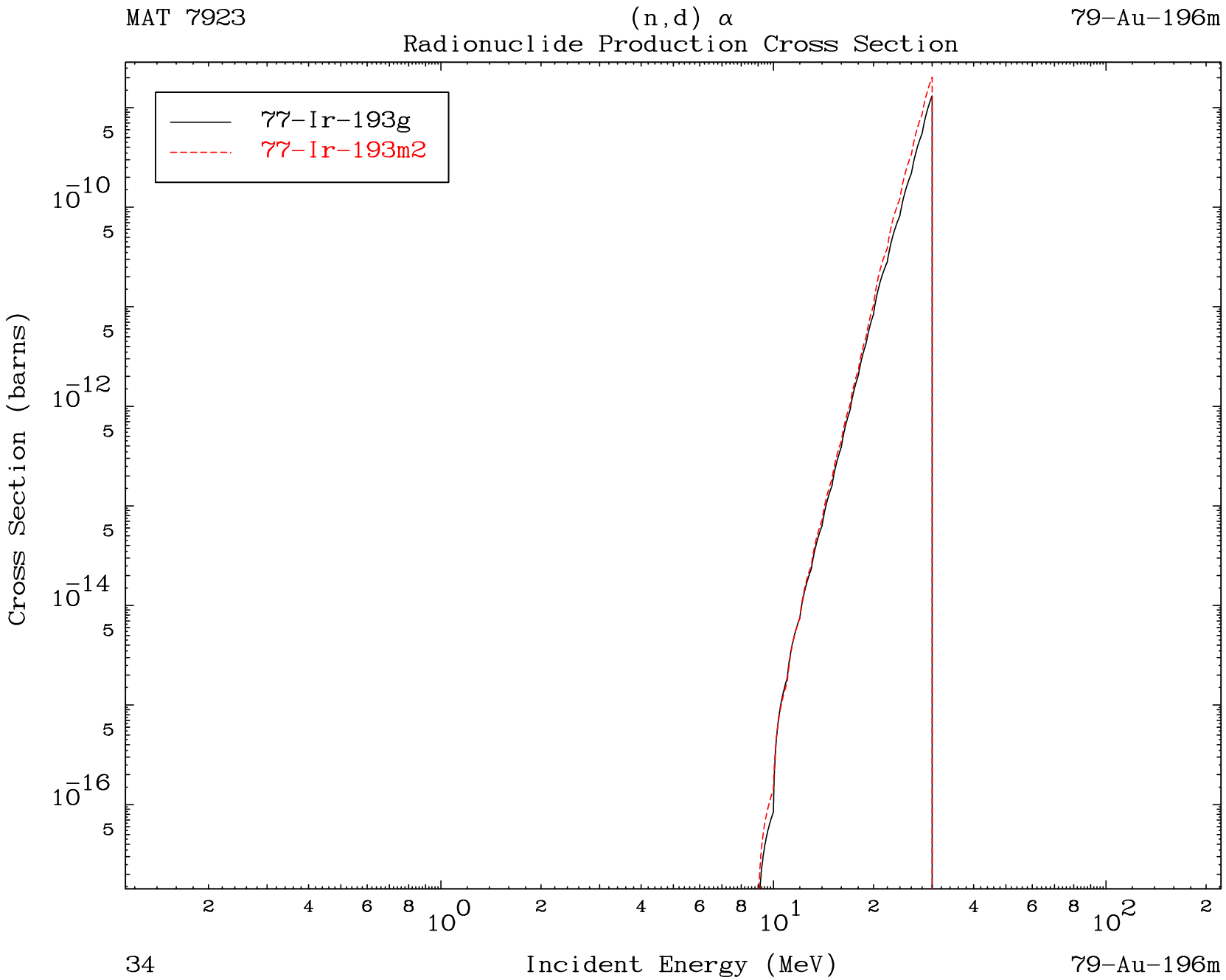

MAT 7923
(n,α)
79-Au-196m
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
29
79-Au-196m


MAT 7923
(n,2α)
79-Au-196m
Radionuclide Production Cross Section
76-Os-191g
76-Os-191m1
Cross Section (barns)
Incident Energy (MeV)
30
79-Au-196m


MAT 7923
(n,2p)
79-Au-196m
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
Incident Energy (MeV)
31
79-Au-196m


MAT 7923
(n,p) α
79-Au-196m
Radionuclide Production Cross Section
77-Ir-194g
77-Ir-194m38
Cross Section (barns)
Incident Energy (MeV)
32
79-Au-196m


MAT 7923
(n,p) t
79-Au-196m
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
33
79-Au-196m


MAT 7923
(n,d) α
79-Au-196m
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
Incident Energy (MeV)
34
79-Au-196m