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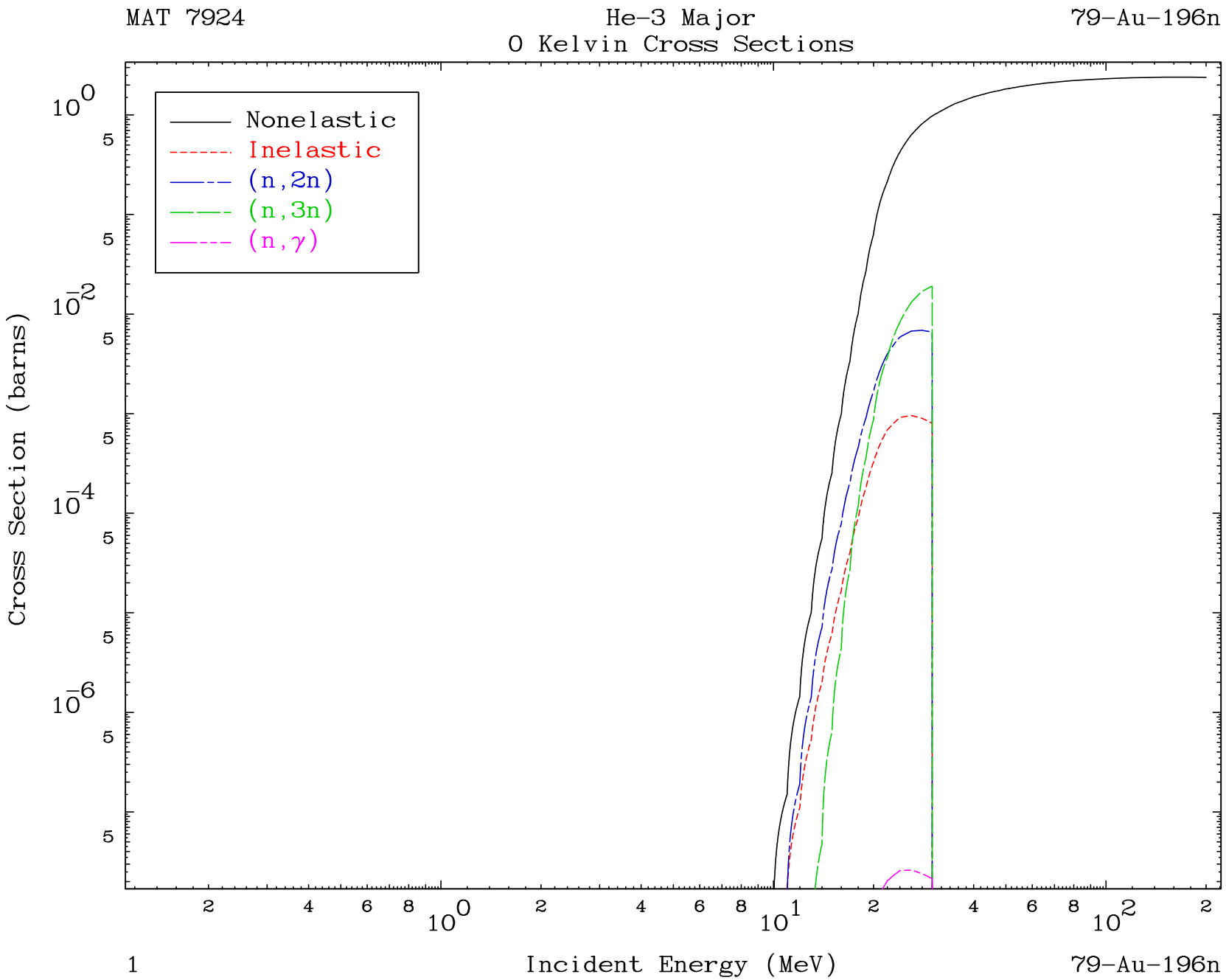
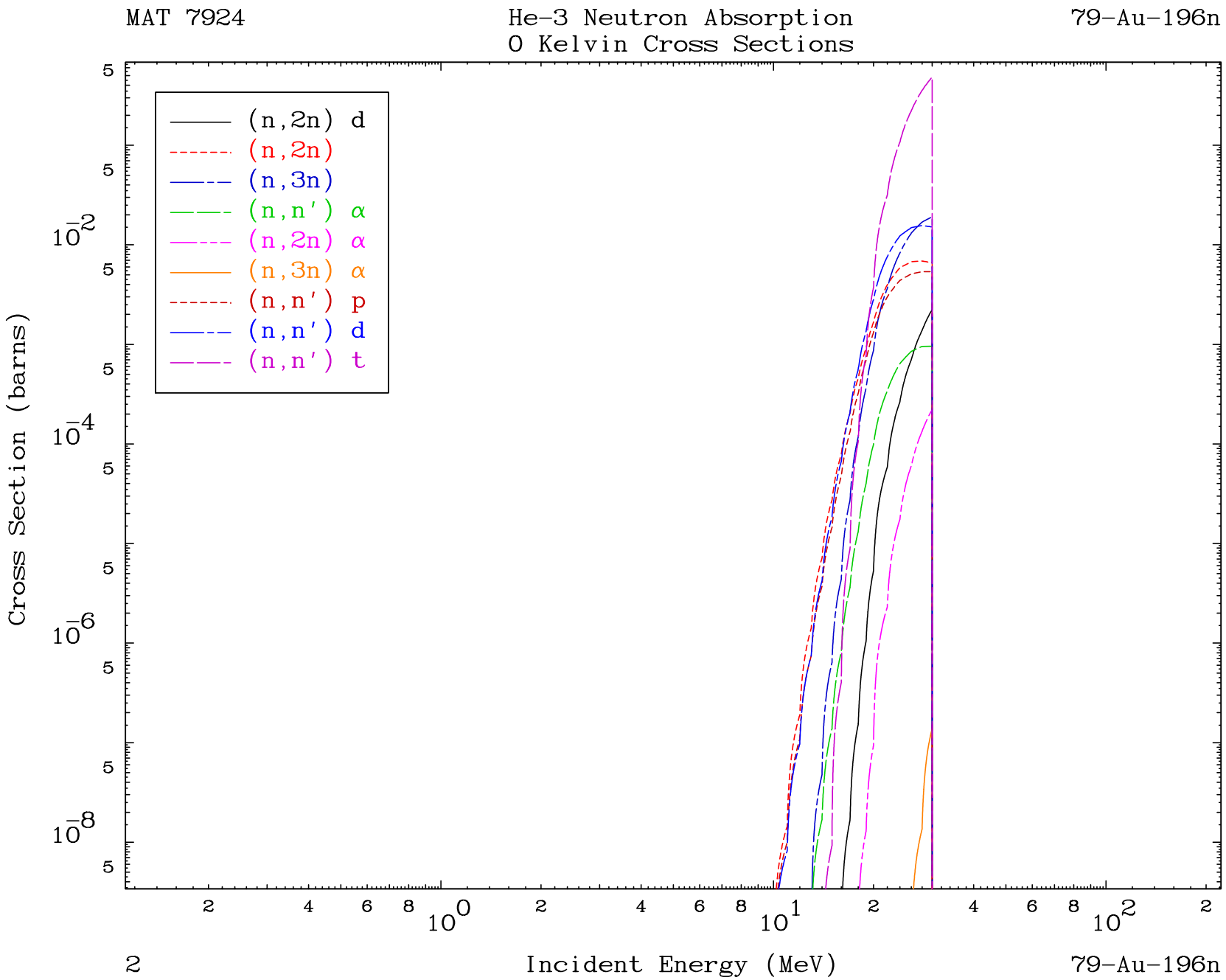
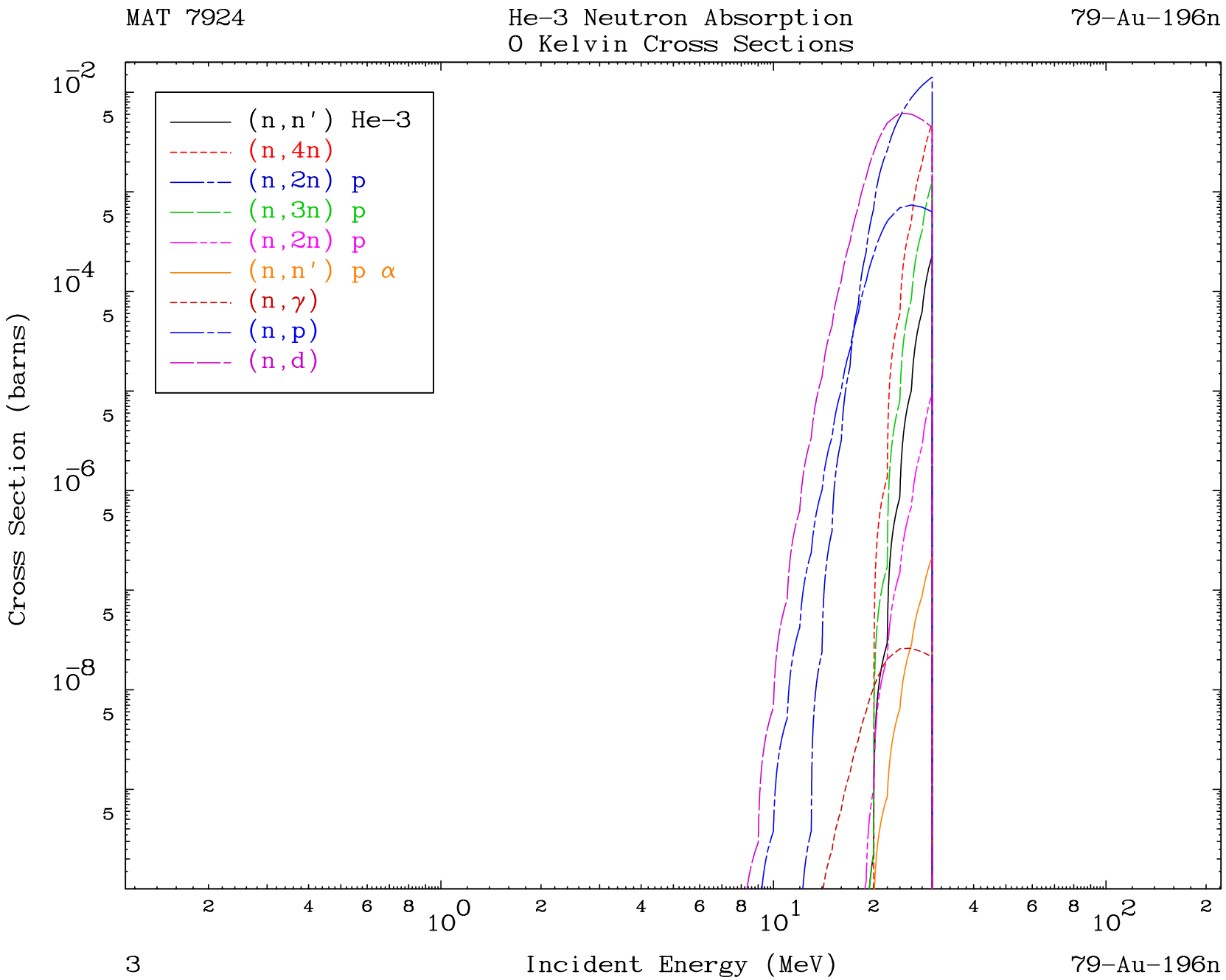
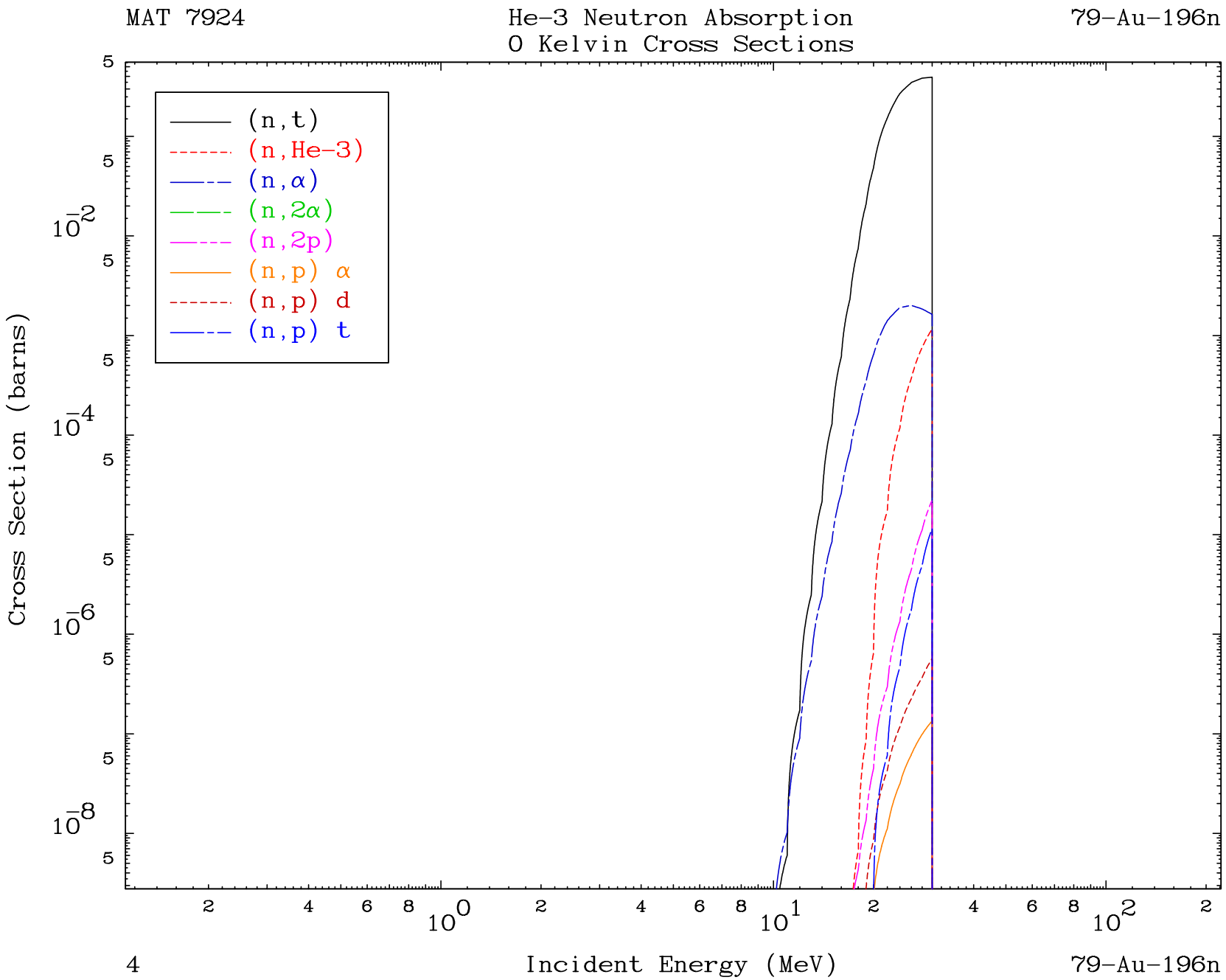
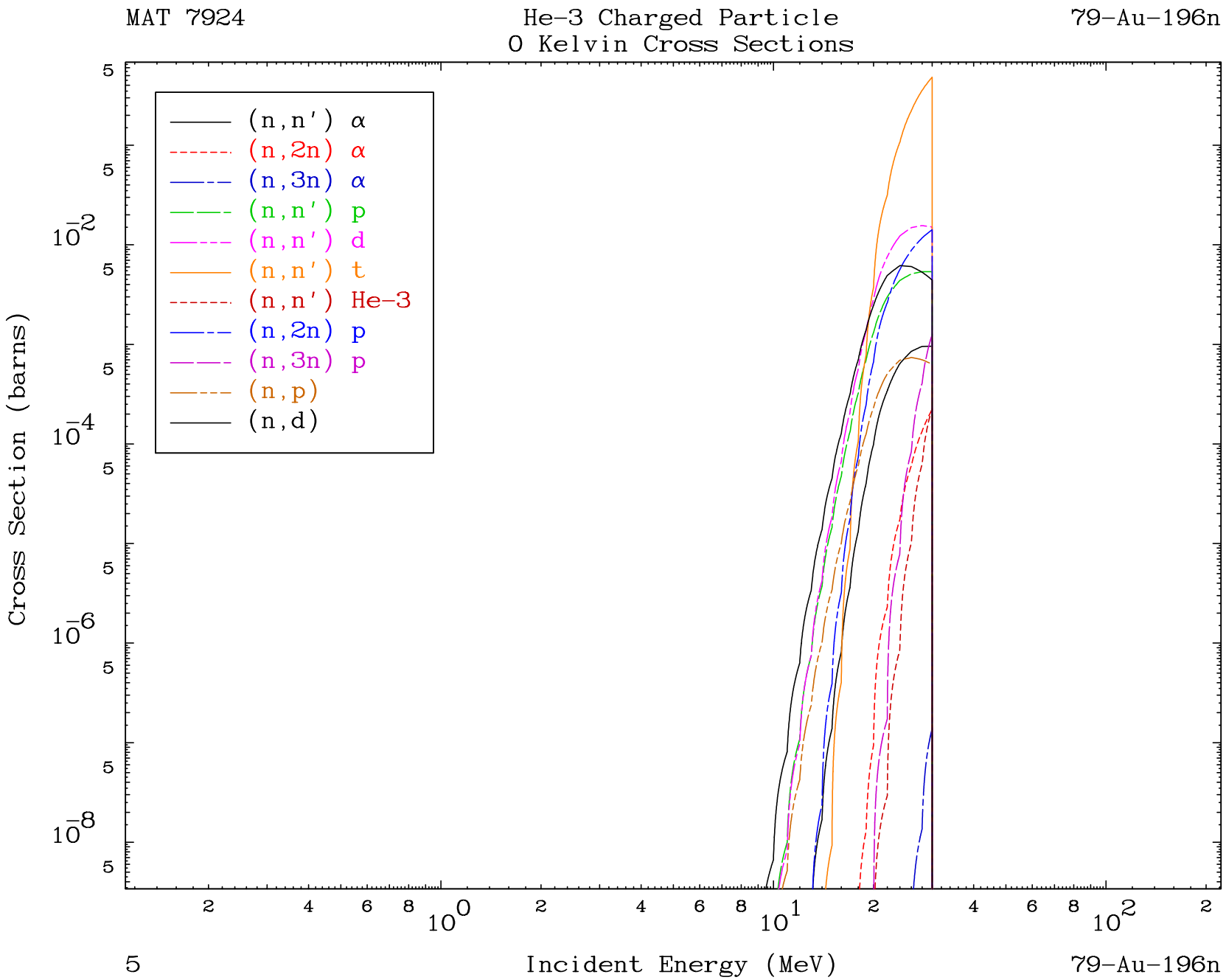
Press Mouse Button to Start

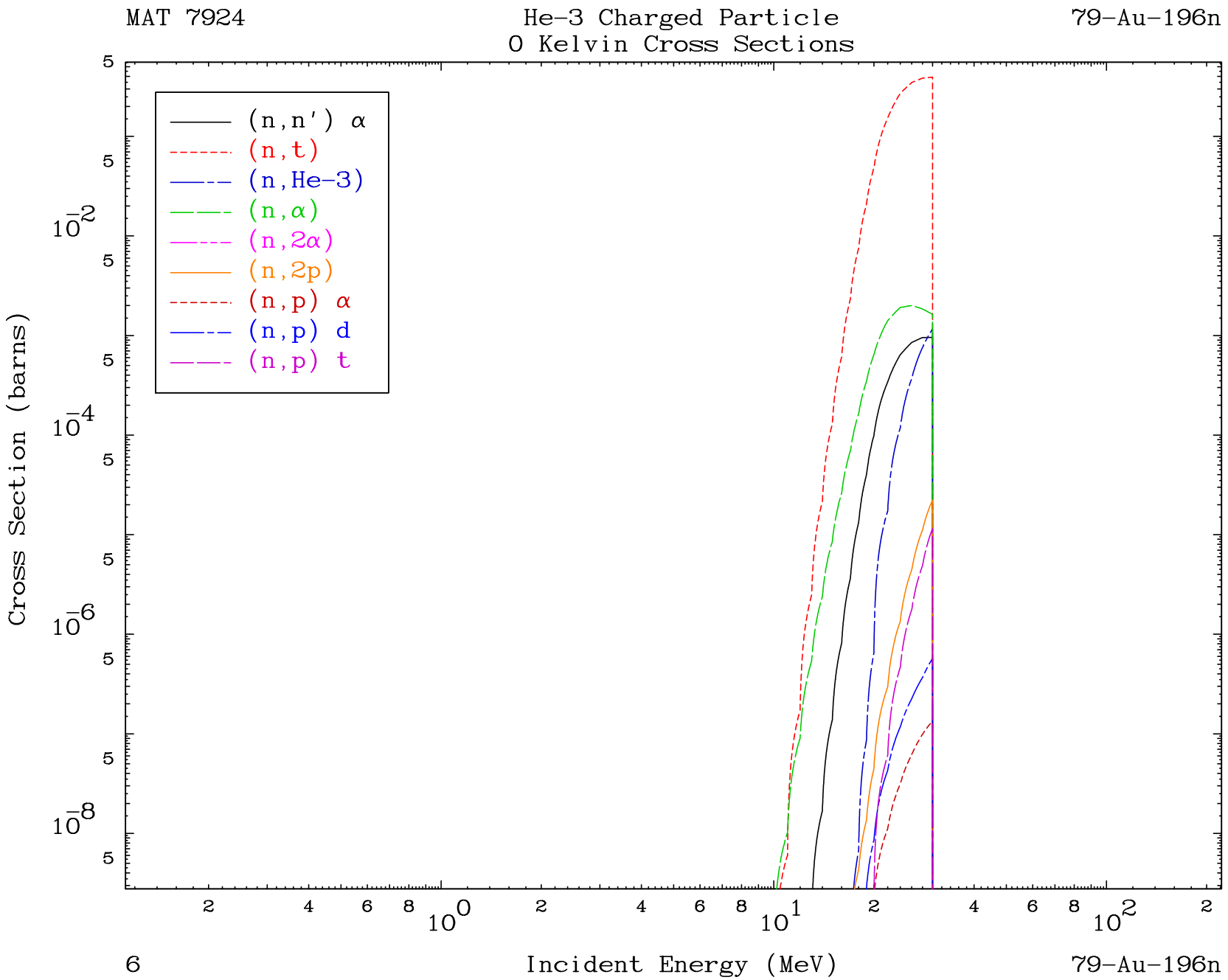

MAT 7924
He-3 Major
79-Au-196n
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
79-Au-196n

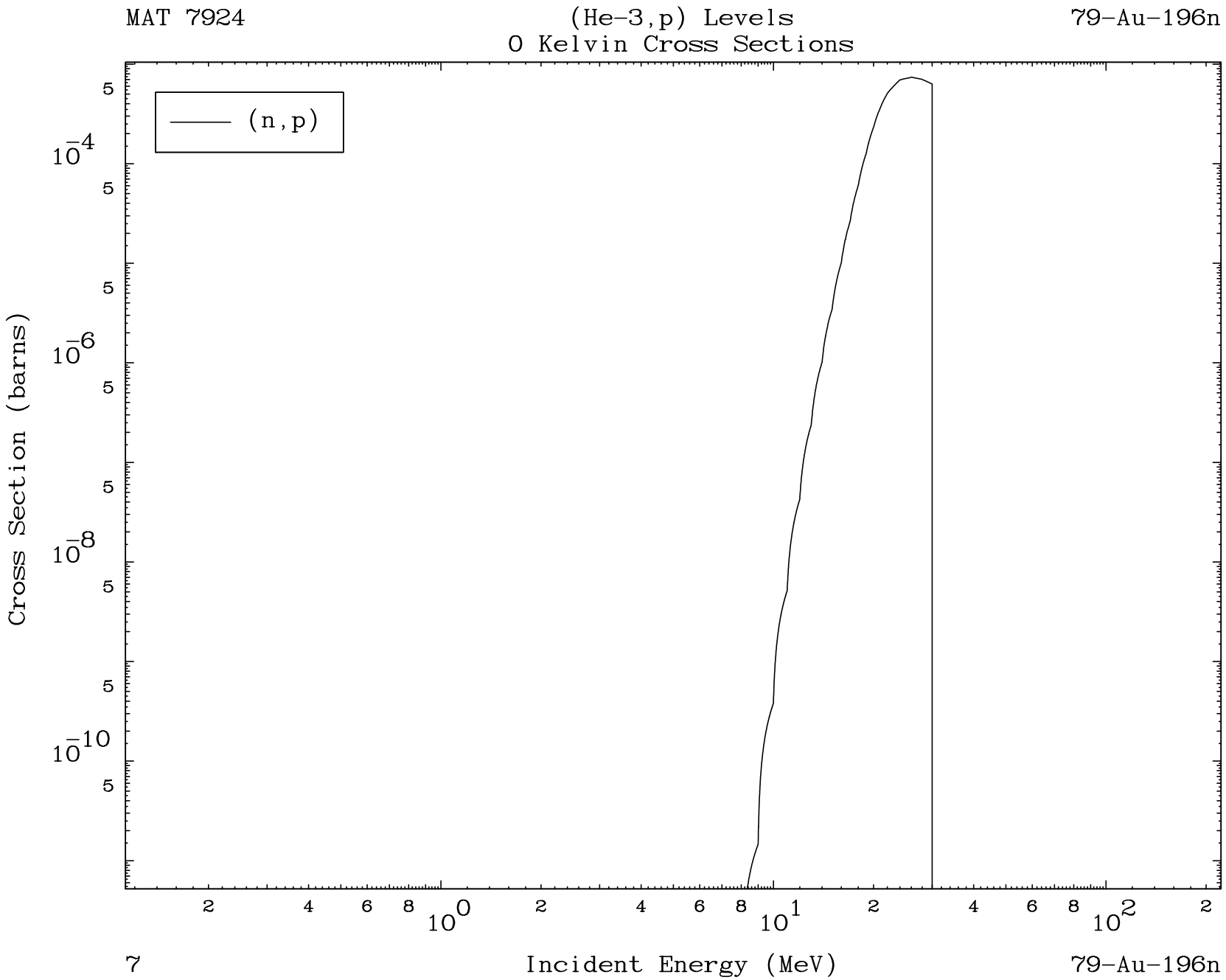

MAT 7924
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-196n
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
79-Au-196n
2

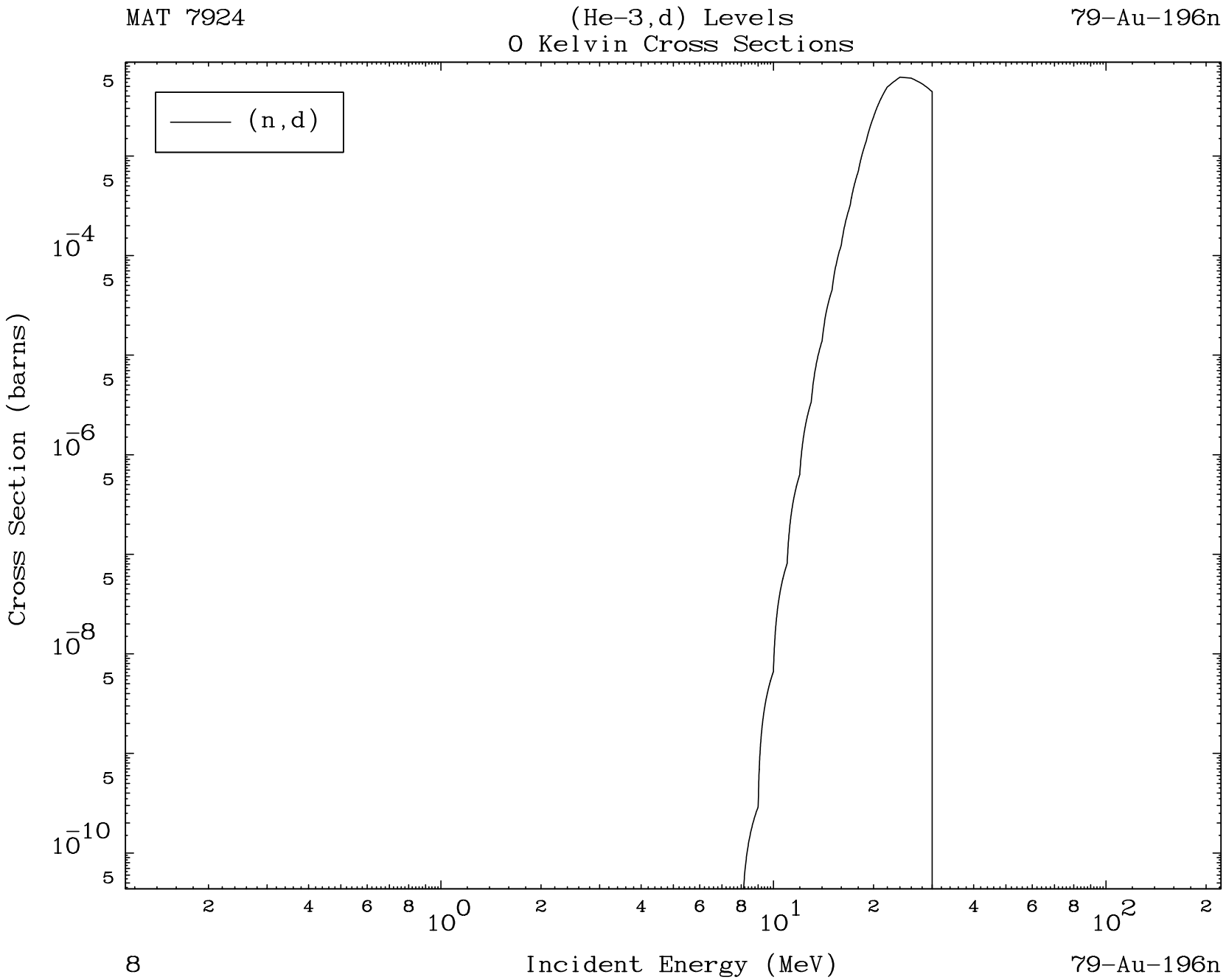

MAT 7924
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-196n
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-196n

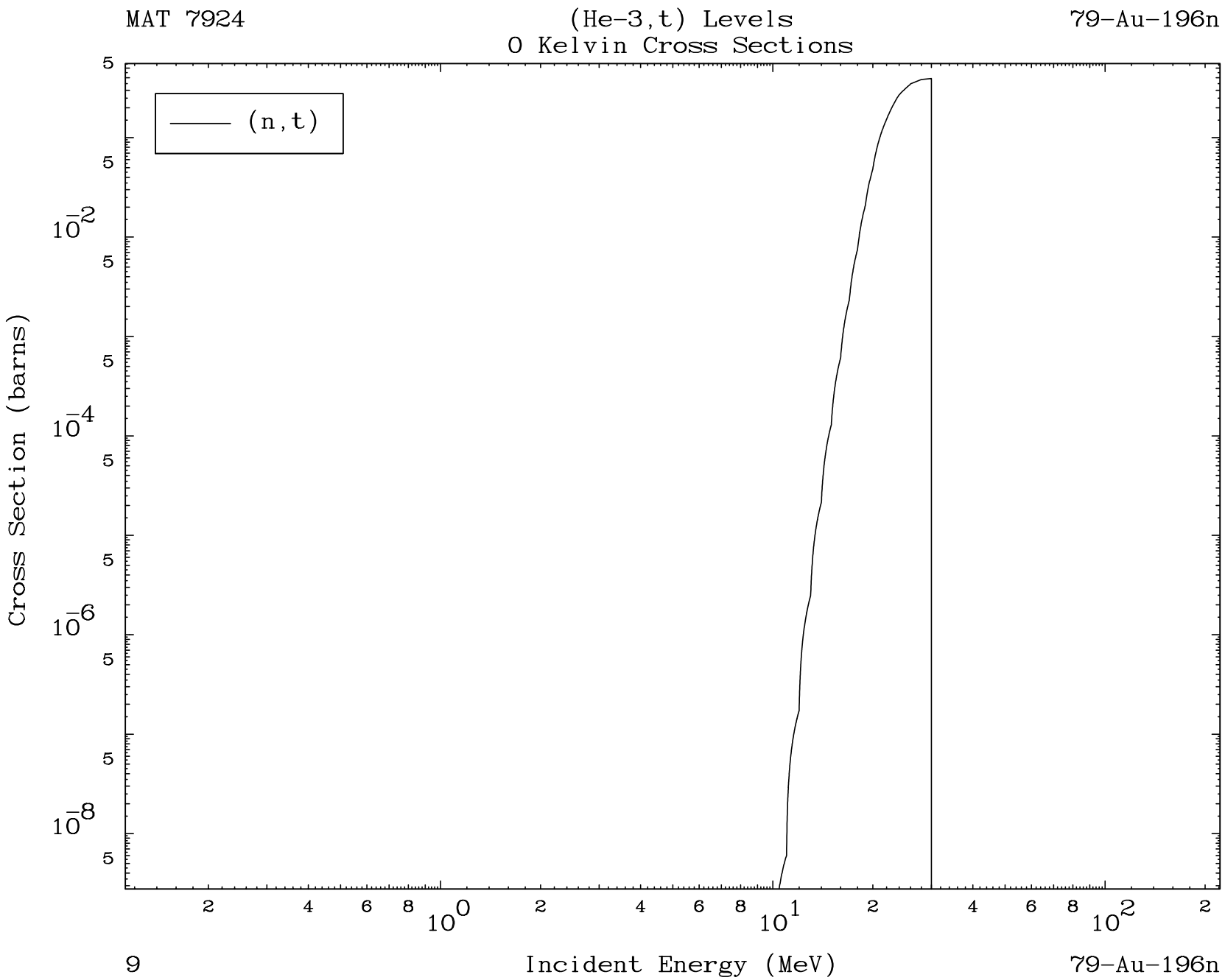

MAT 7924
He-3 Neutron Absorption
0 Kelvin Cross Sections
79-Au-196n
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-196n

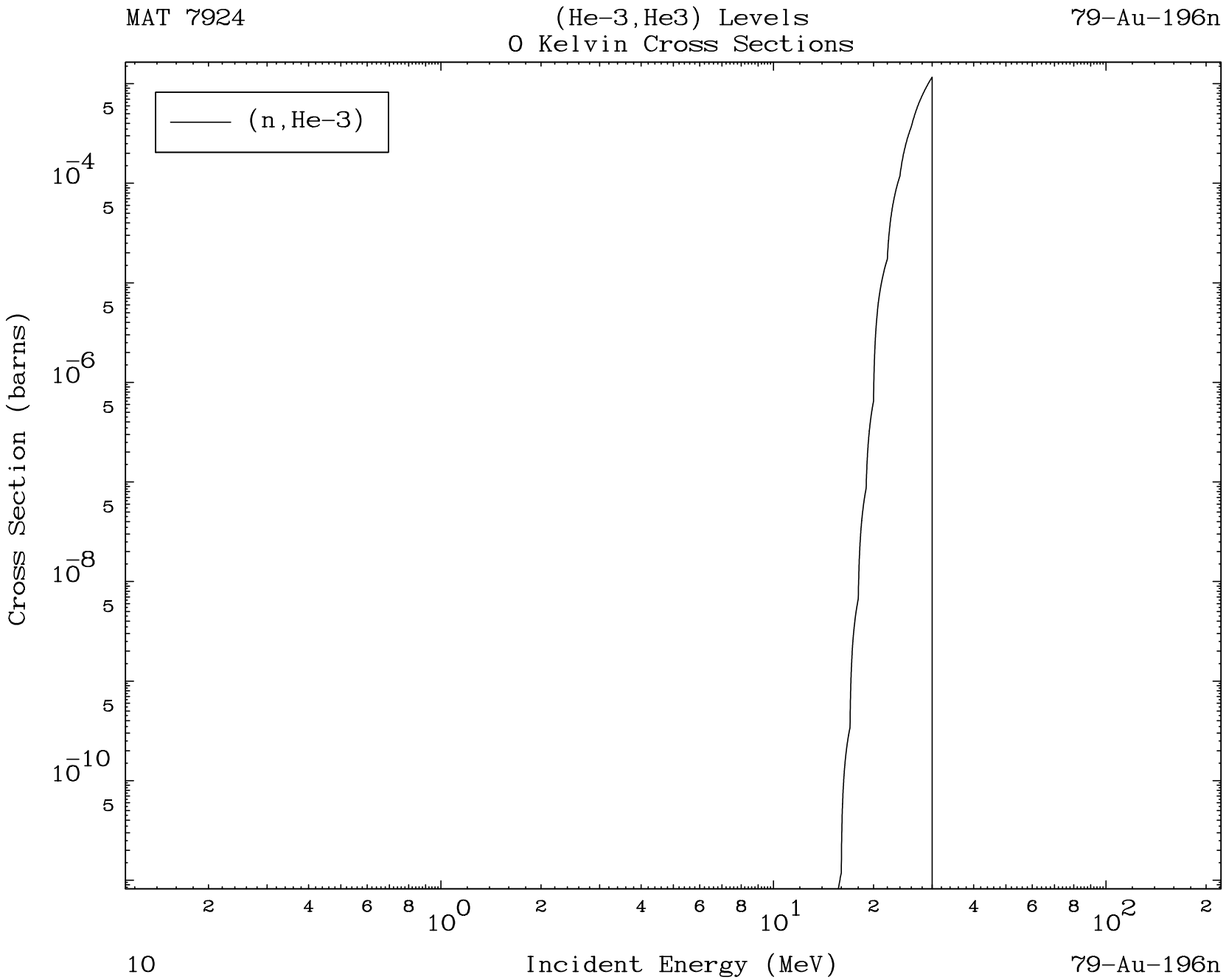

MAT 7924
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-196n
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
79-Au-196n

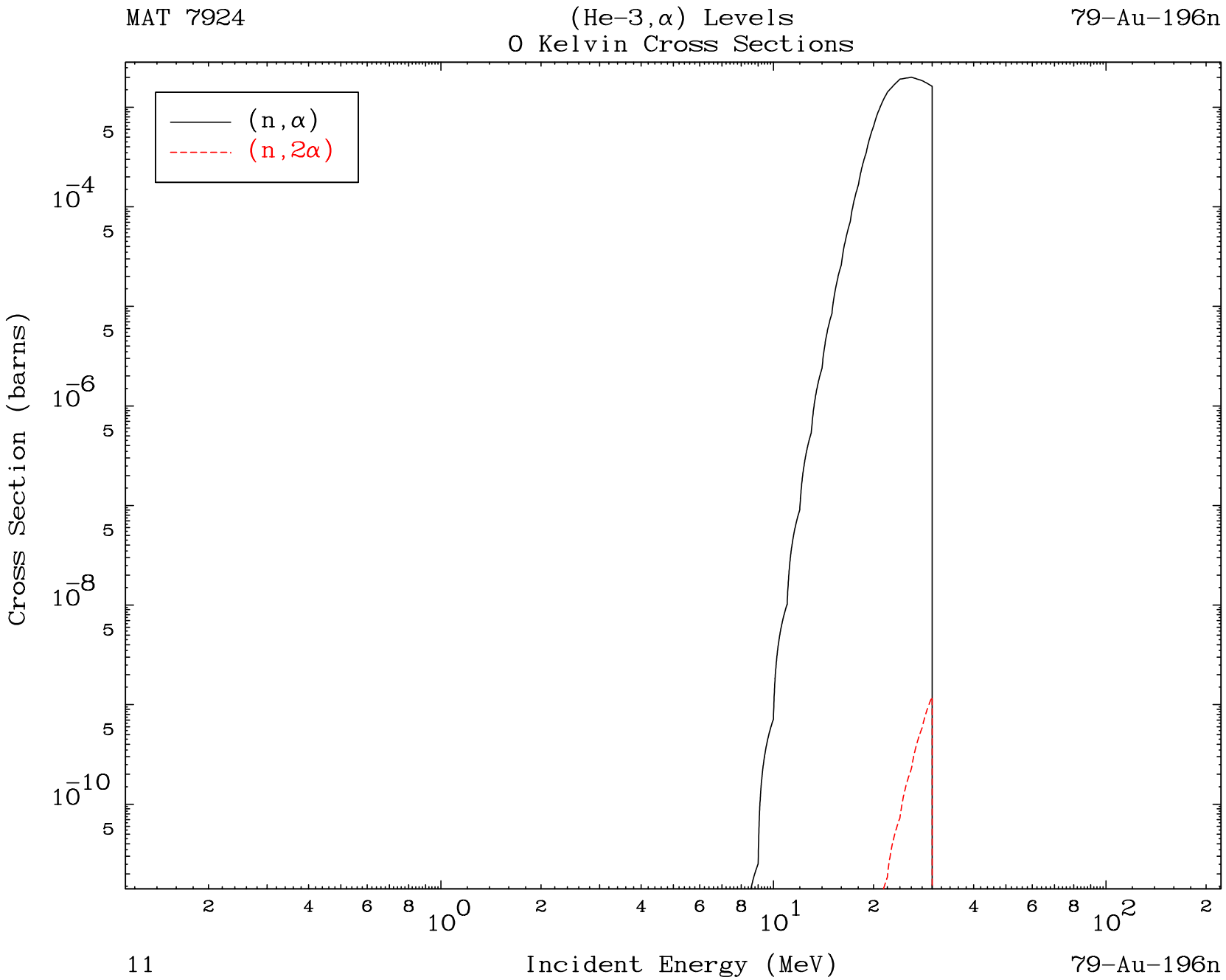

MAT 7924
He-3 Charged Particle
0 Kelvin Cross Sections
79-Au-196n
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-196n

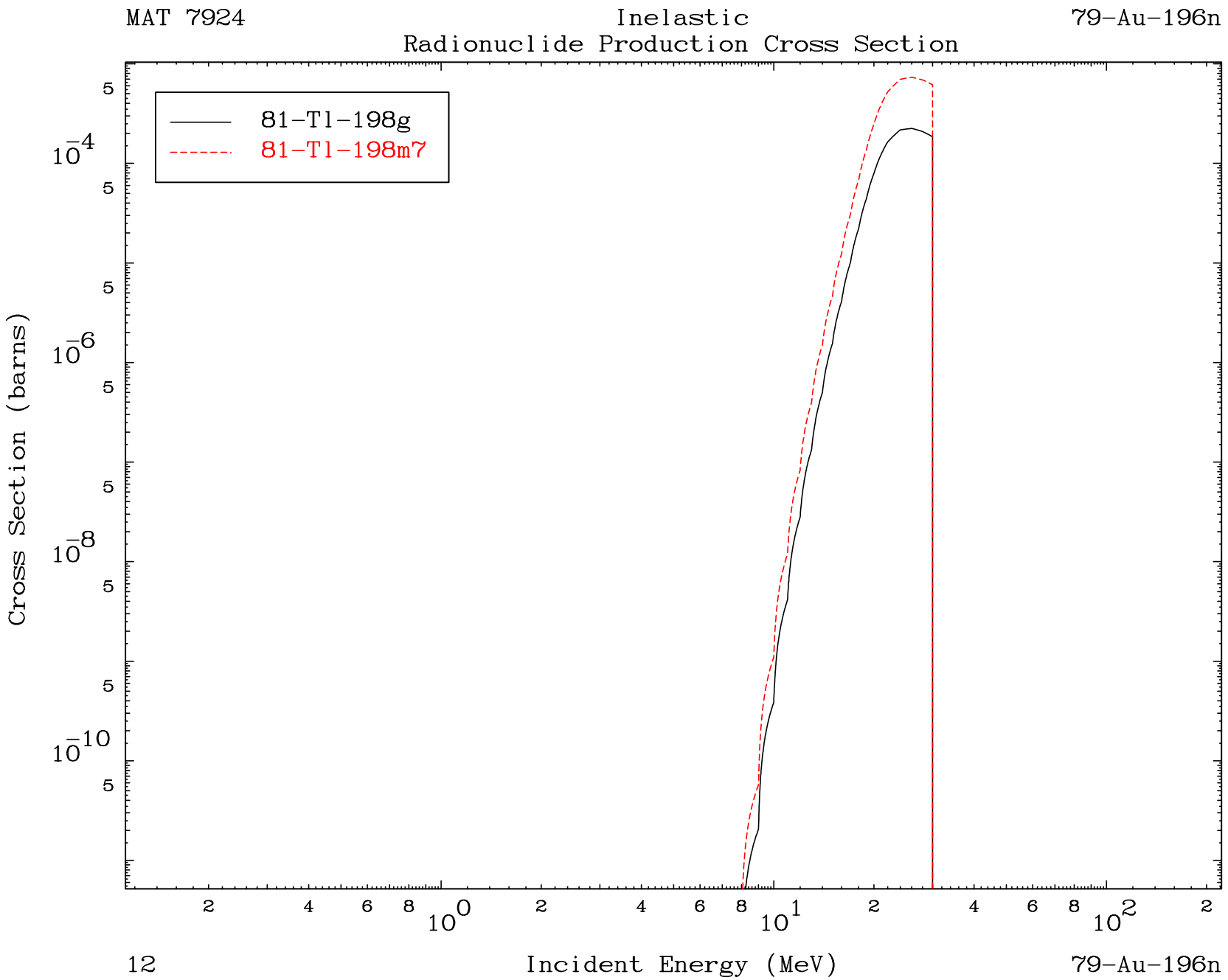

MAT 7924
(He-3,p) Levels
0 Kelvin Cross Sections
79-Au-196n
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
79-Au-196n

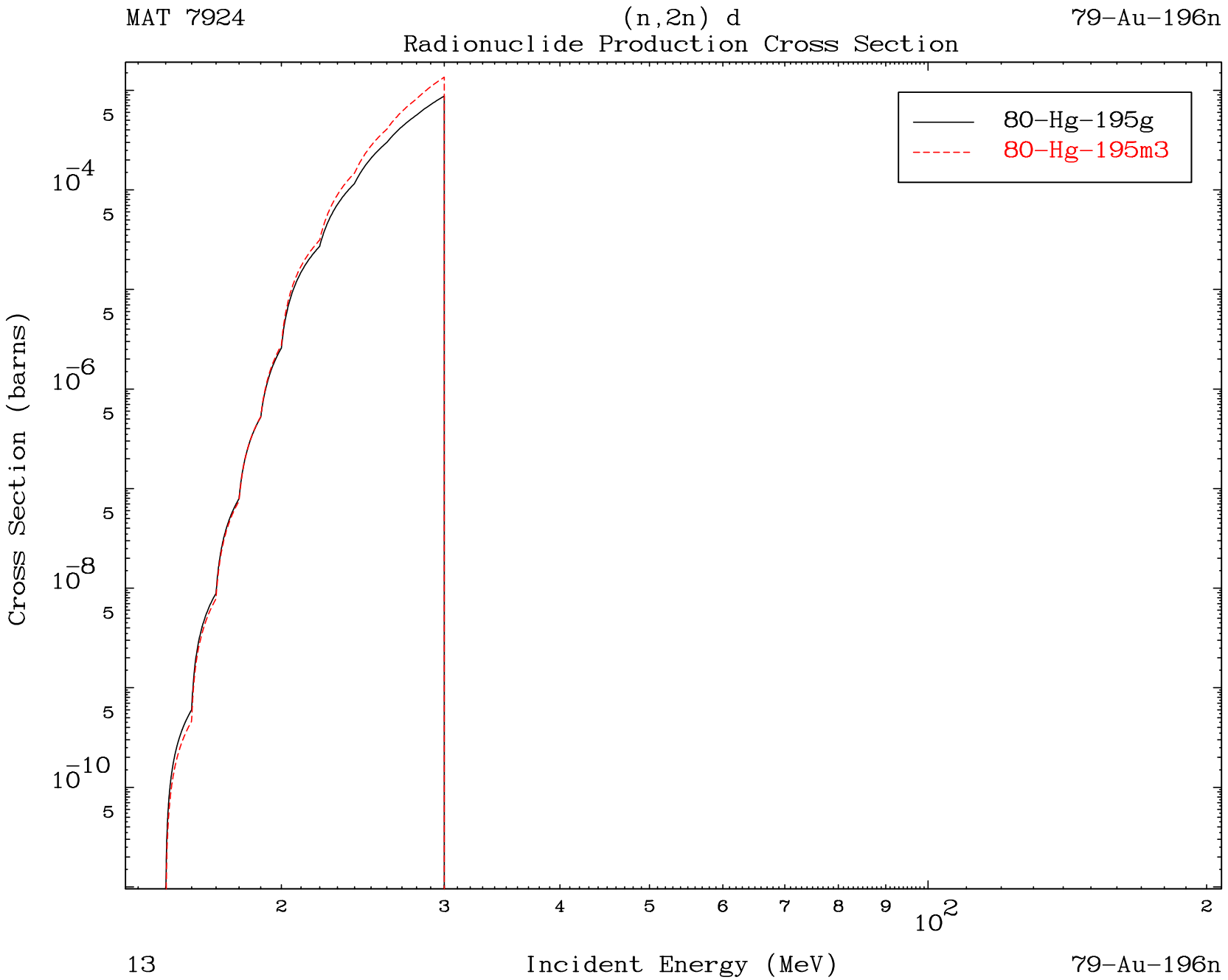

MAT 7924
(He-3,d) Levels
0 Kelvin Cross Sections
79-Au-196n
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-196n

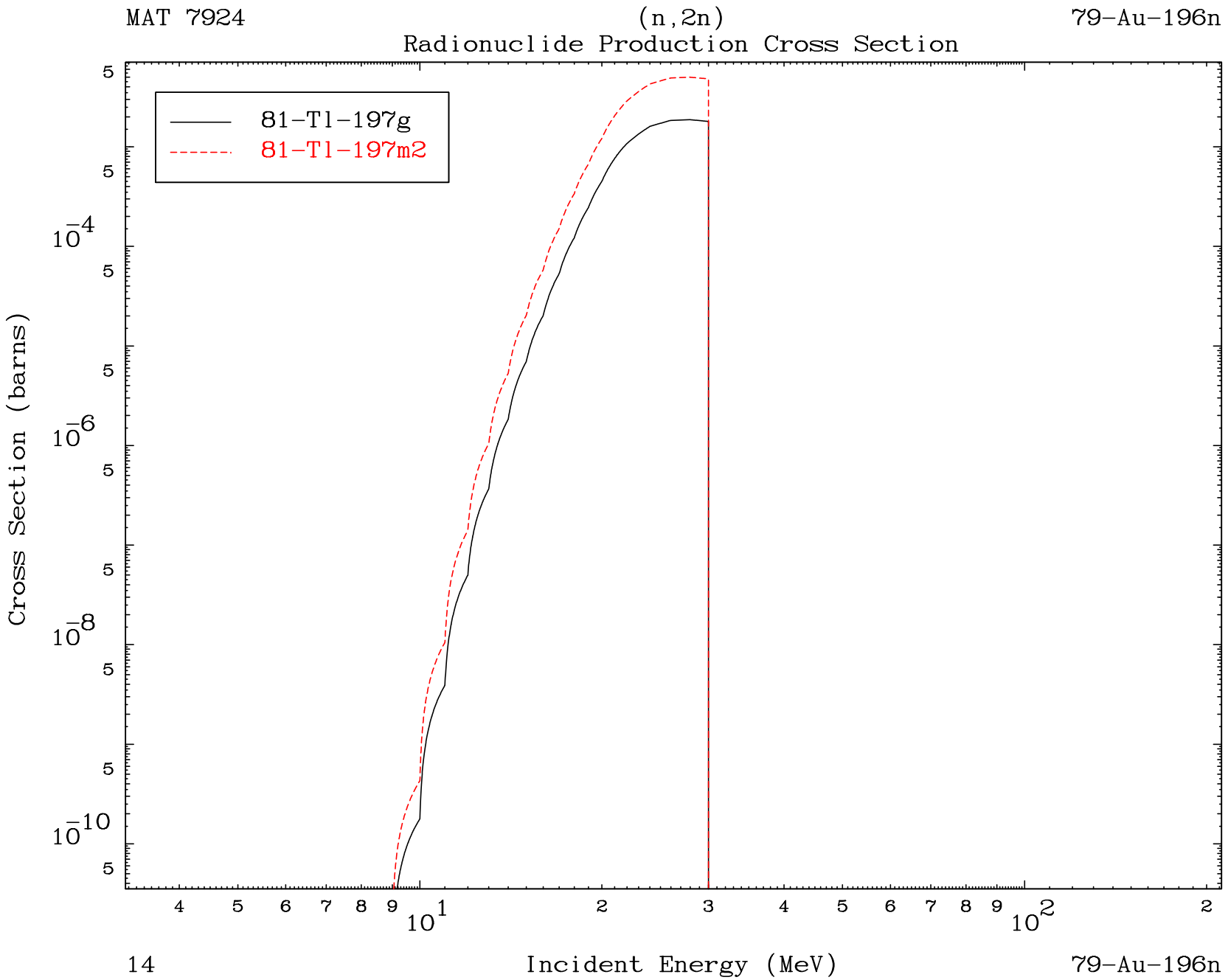

MAT 7924
(He-3,t) Levels
0 Kelvin Cross Sections
79-Au-196n
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-196n

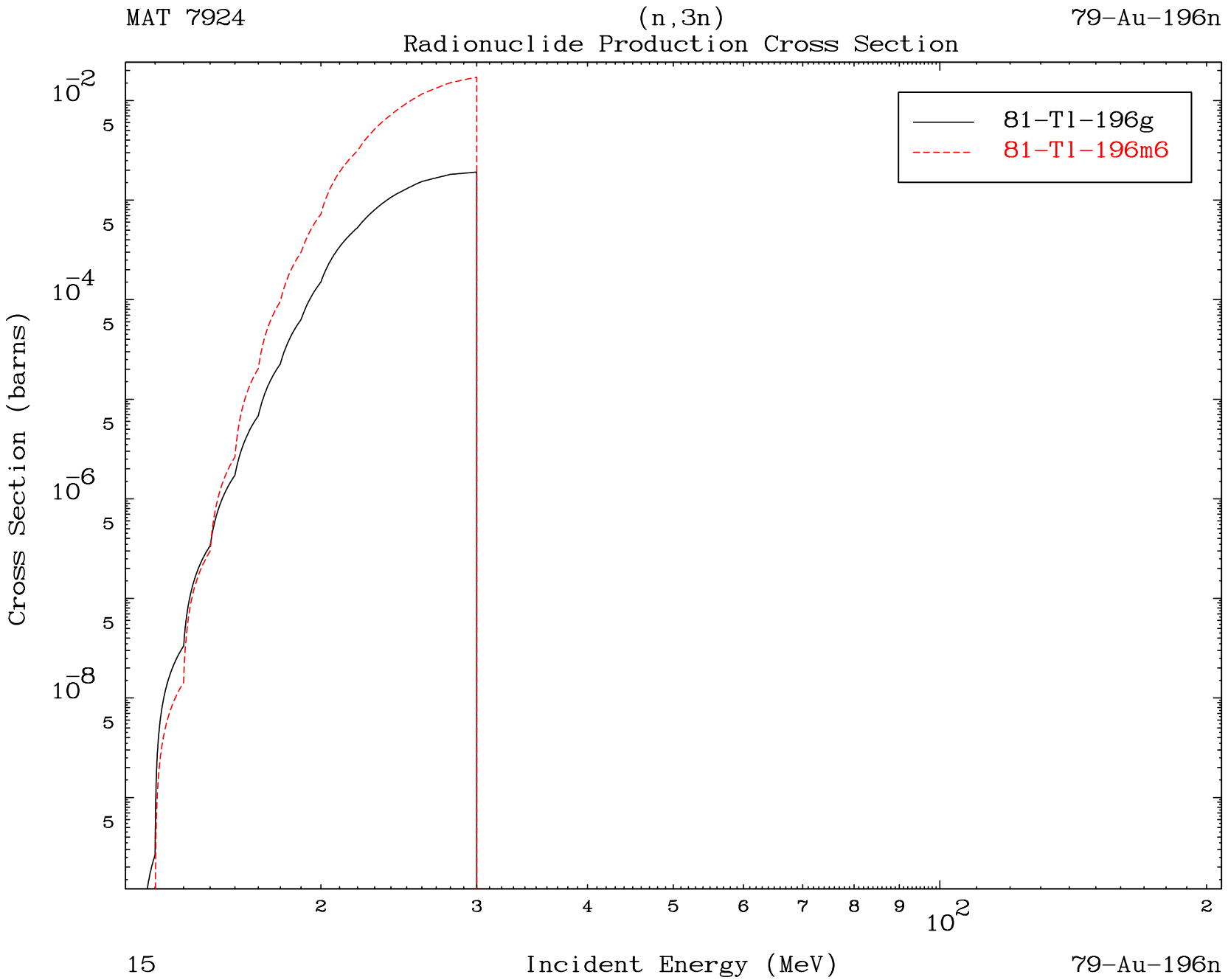

MAT 7924
(He-3,He3) Levels
79-Au-196n
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
10
Incident Energy (MeV)
79-Au-196n

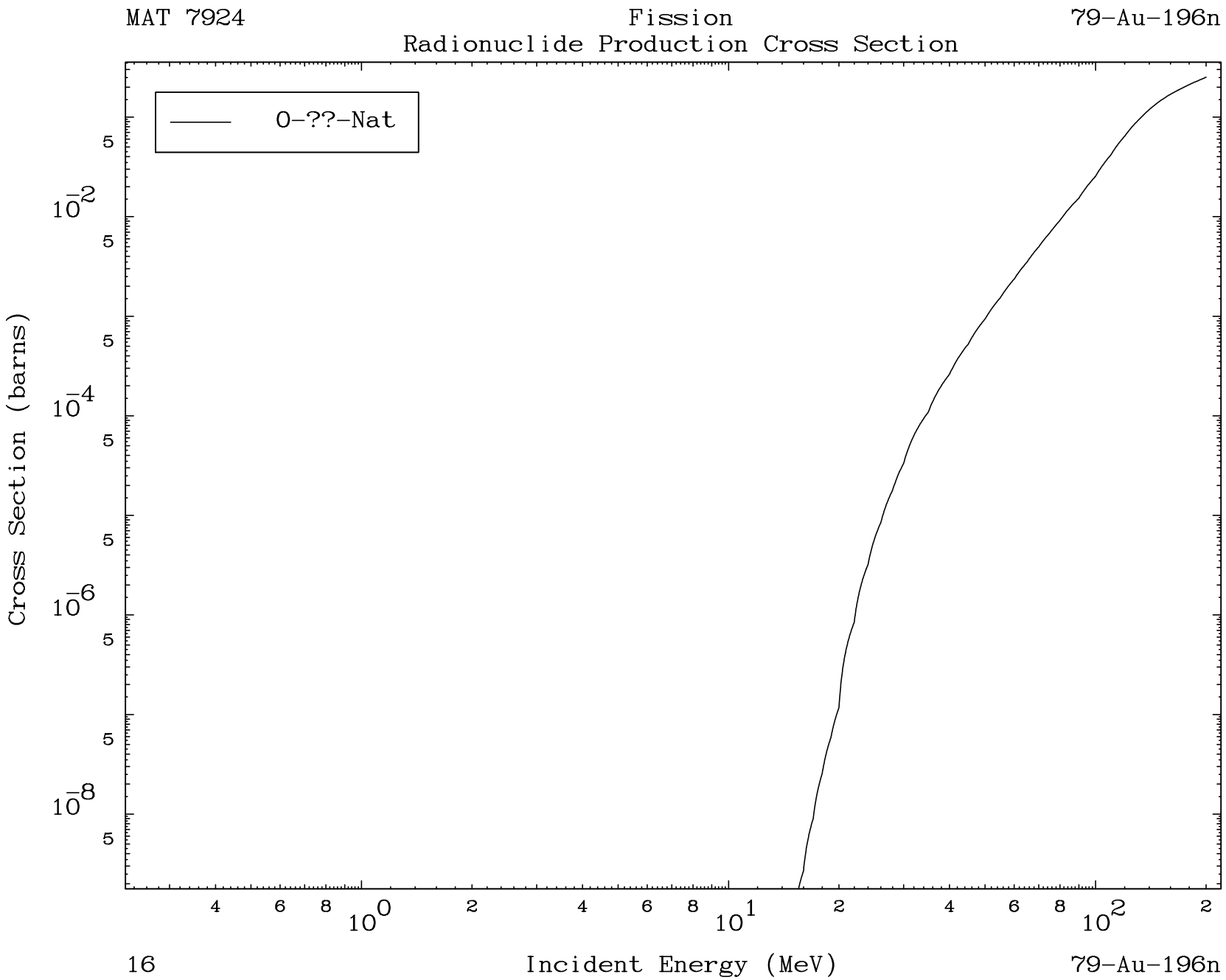

MAT 7924
(He-3,α) Levels
0 Kelvin Cross Sections
79-Au-196n
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
79-Au-196n

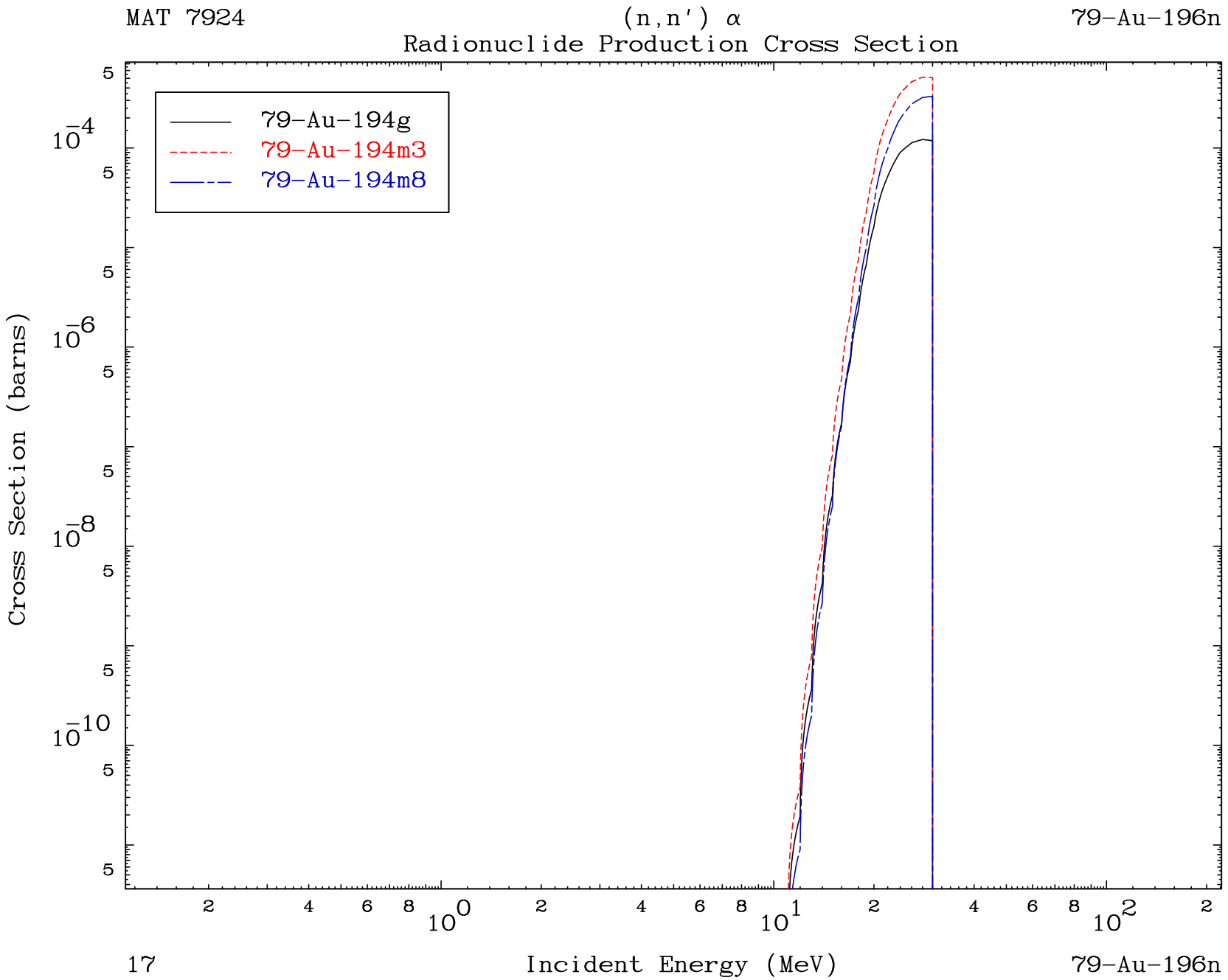

MAT 7924
Inelastic
79-Au-196n
Radionuclide Production Cross Section
81-Tl-198g
81-Tl-198m7
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-196n

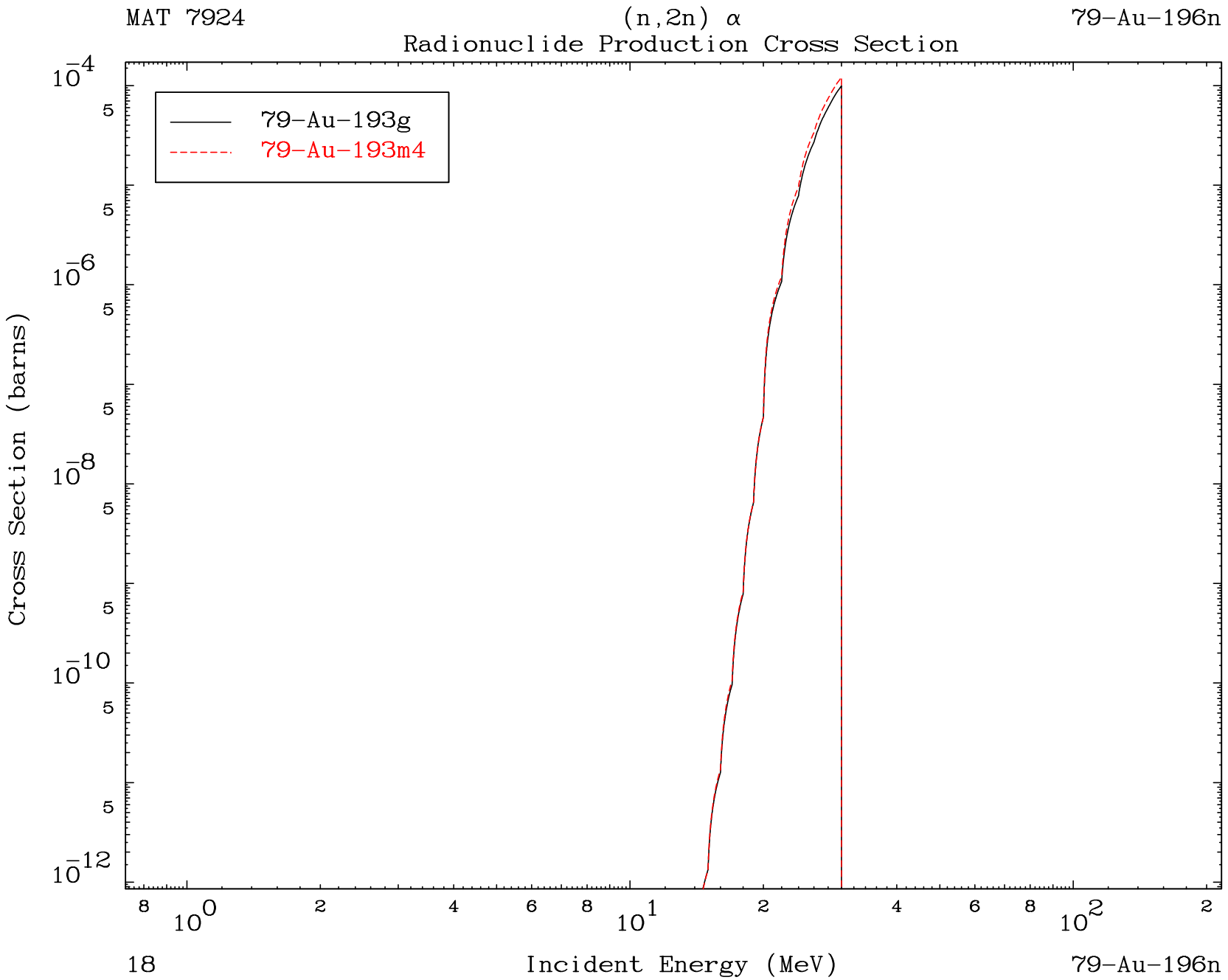

MAT 7924
(n,2n) d
79-Au-196n
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
102
2
13
Incident Energy (MeV)
79-Au-196n

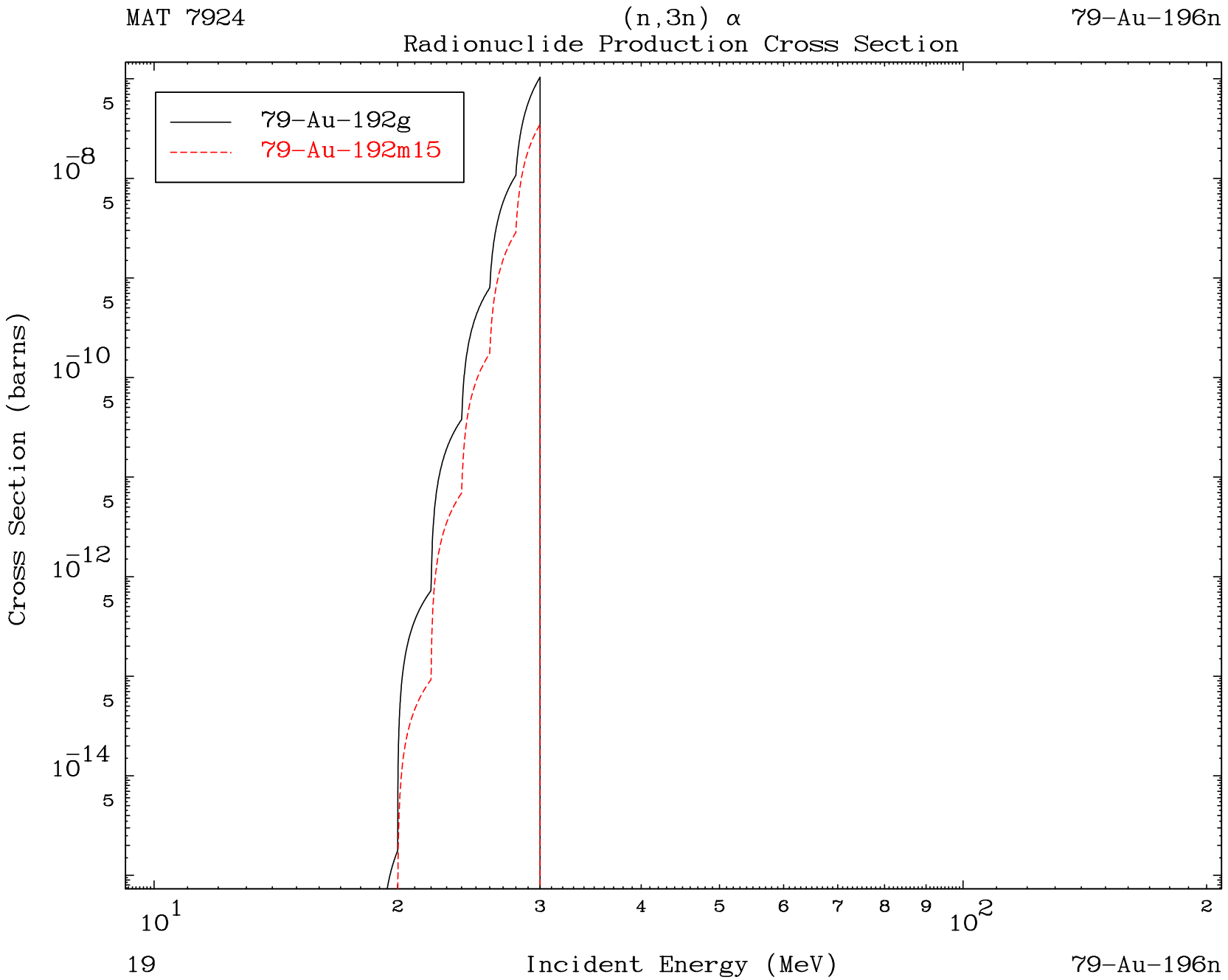

MAT 7924
(n,2n)
79-Au-196n
Radionuclide Production Cross Section
81-Tl-197g
81-Tl-197m2
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-196n

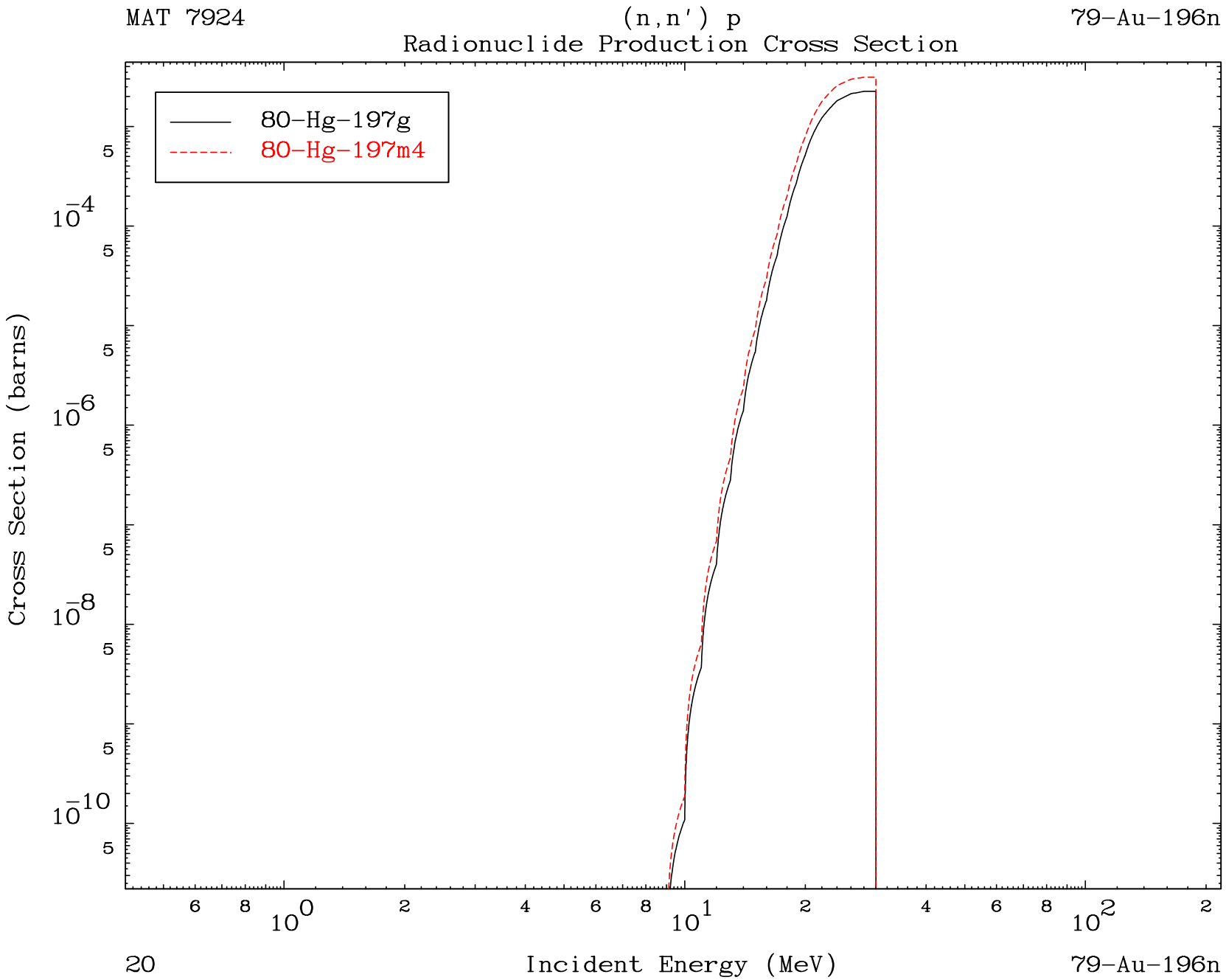

MAT 7924
(n,3n)
79-Au-196n
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-196n

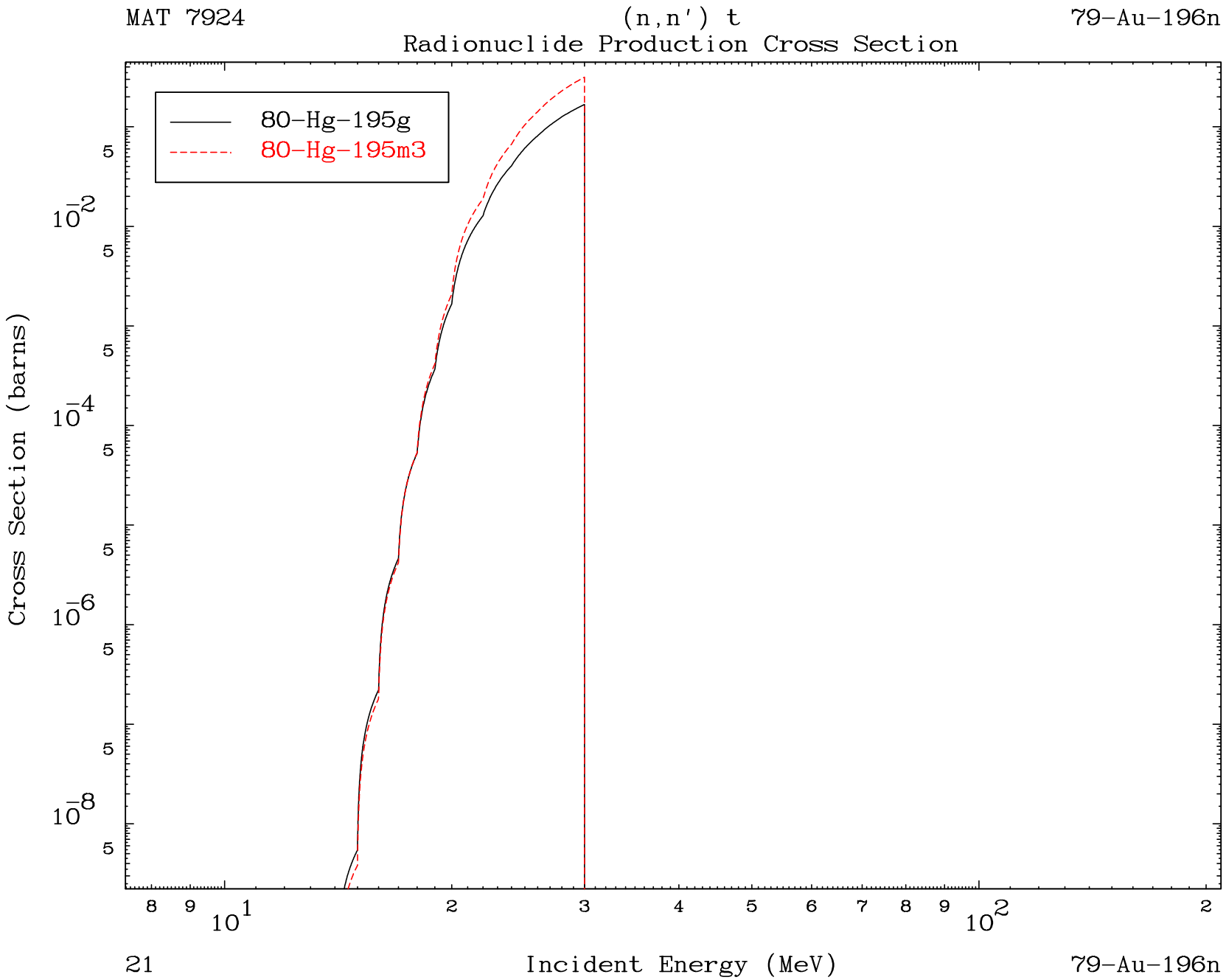

MAT 7924
Fission
79-Au-196n
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
16
79-Au-196n

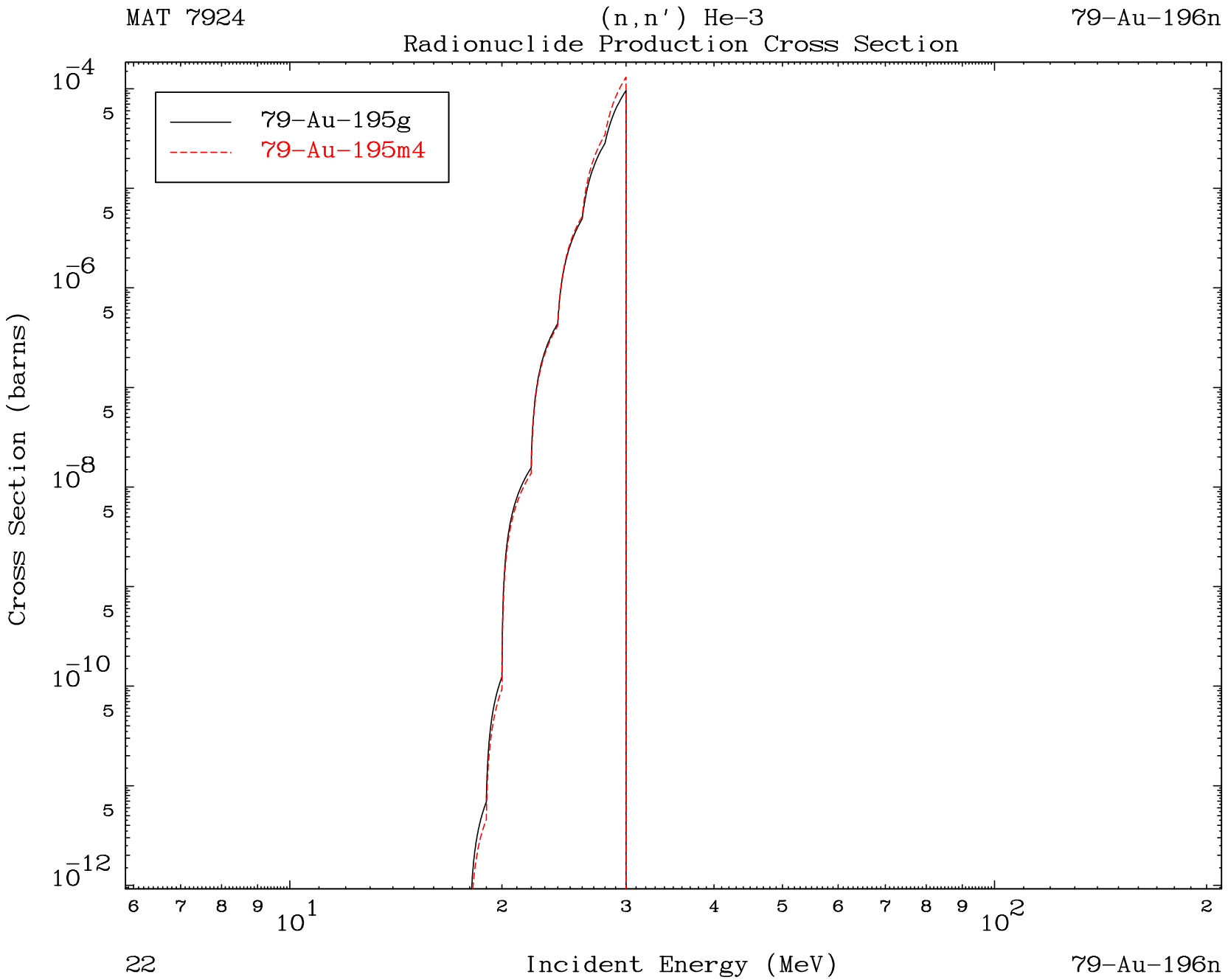

MAT 7924
(n,n') α
79-Au-196n
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
17
79-Au-196n

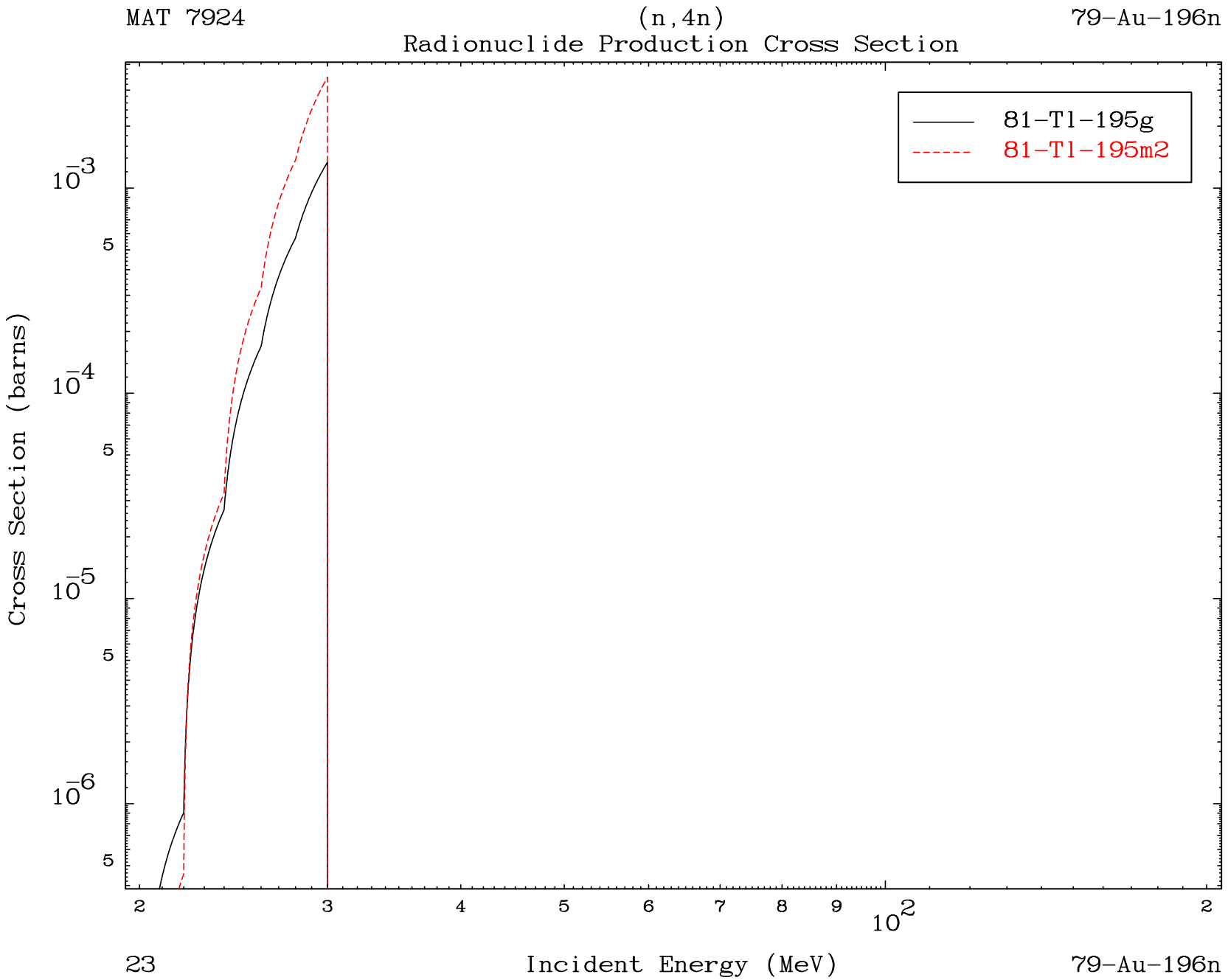

MAT 7924
(n,2n) α
79-Au-196n
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
18
79-Au-196n

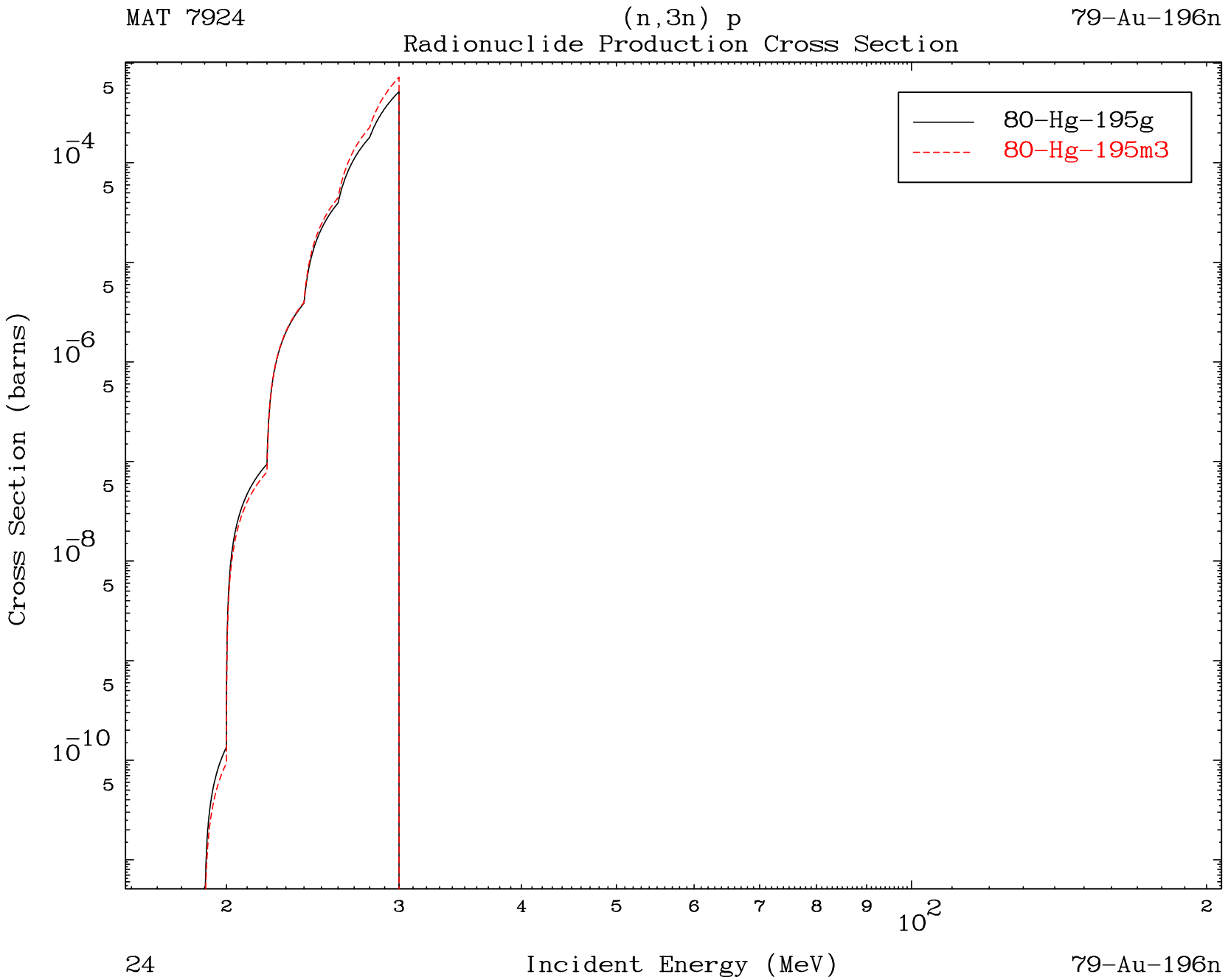

MAT 7924
(n,3n) α
79-Au-196n
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^1
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
79-Au-196n

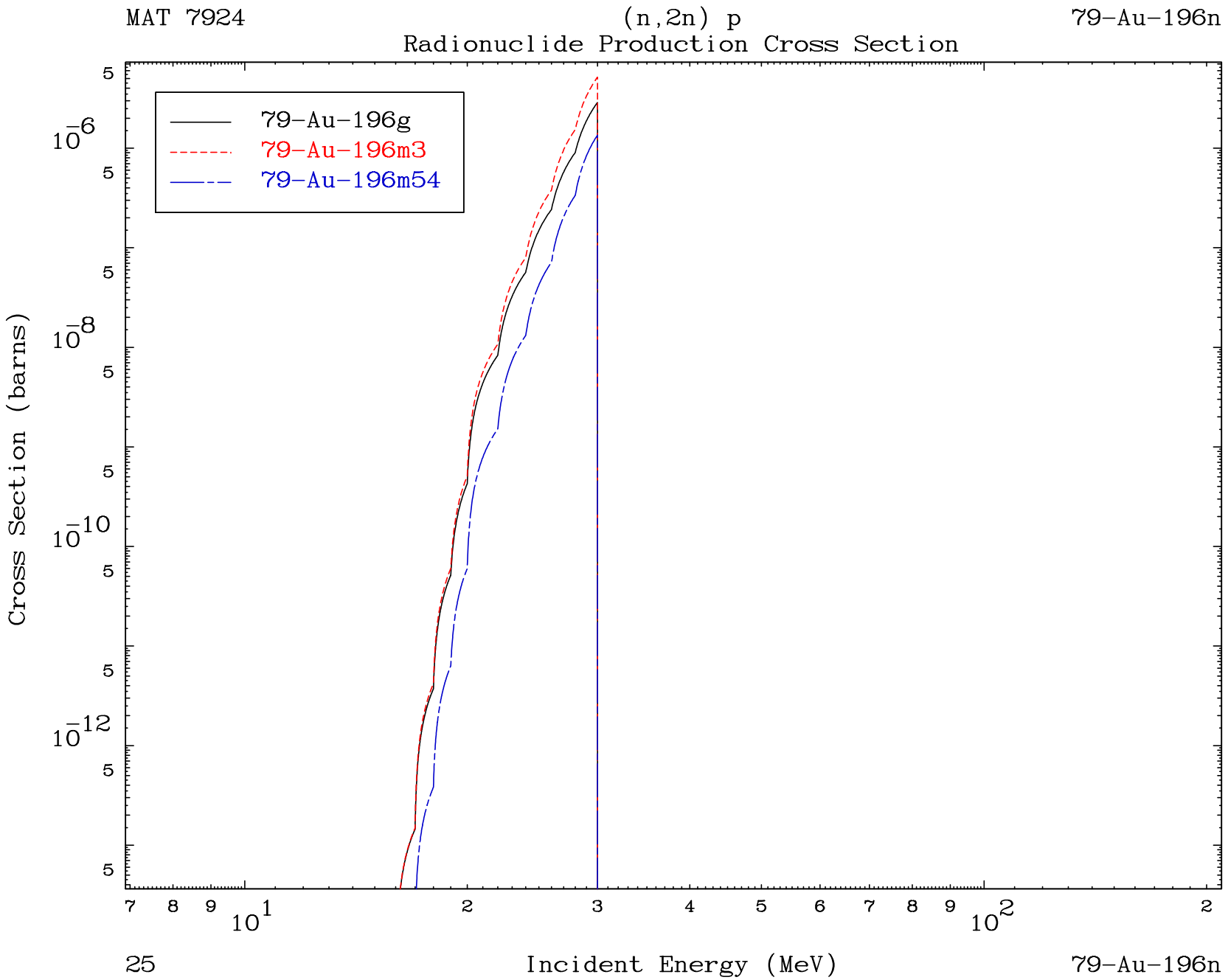

MAT 7924
(n,n') p
79-Au-196n
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
20
79-Au-196n

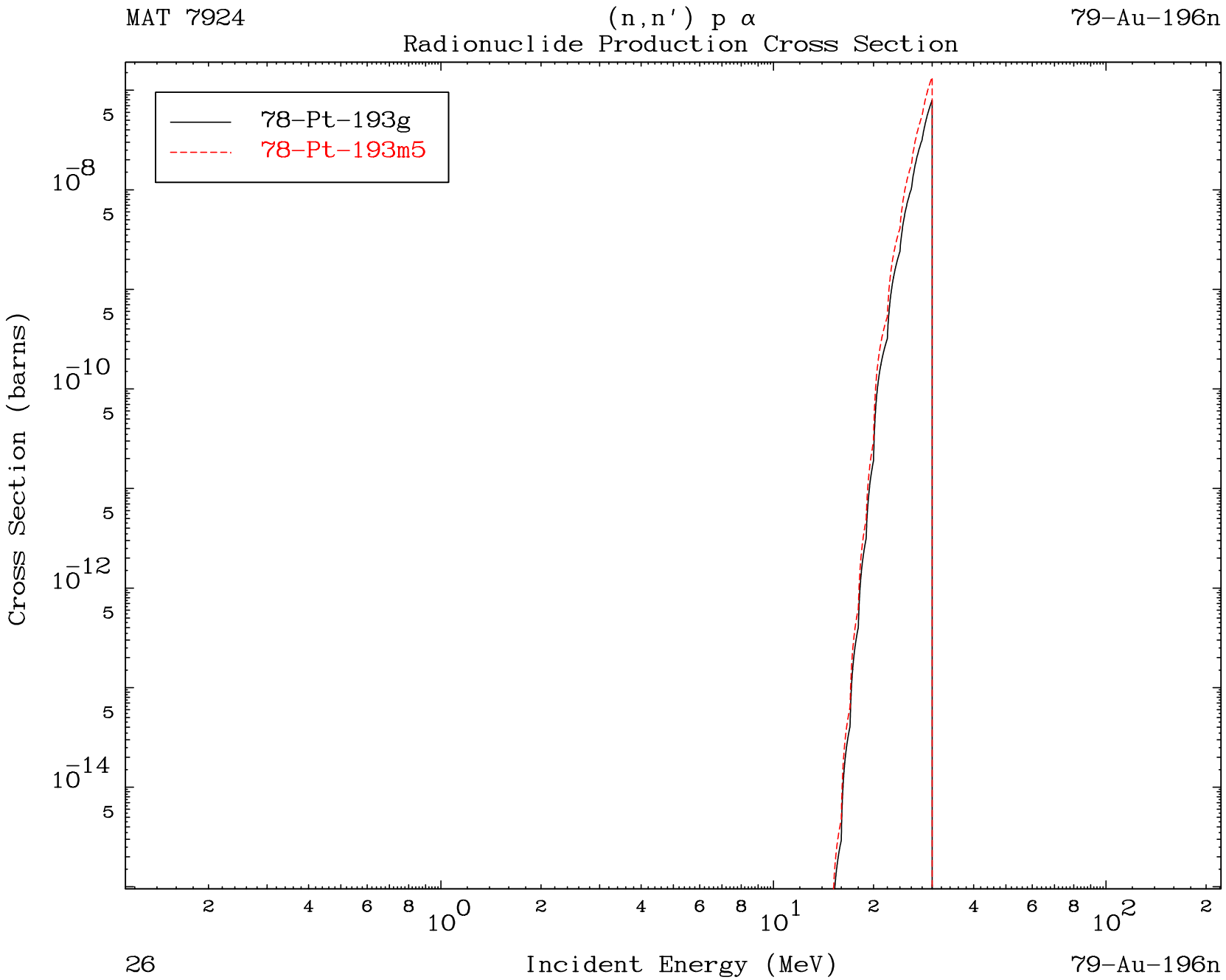

MAT 7924
(n,n') t
79-Au-196n
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
21
Incident Energy (MeV)
79-Au-196n

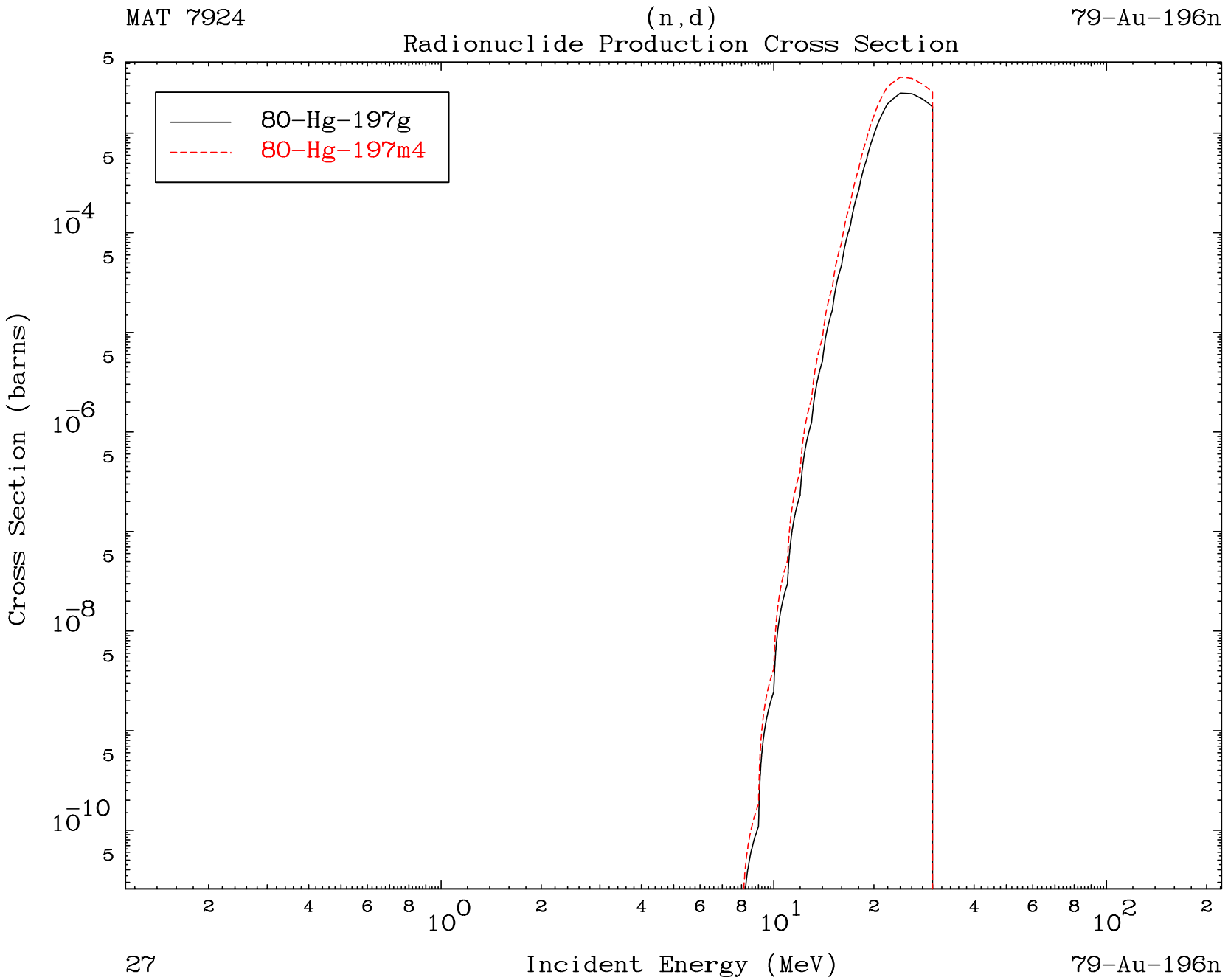

MAT 7924
(n,n') He-3
79-Au-196n
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
22
79-Au-196n

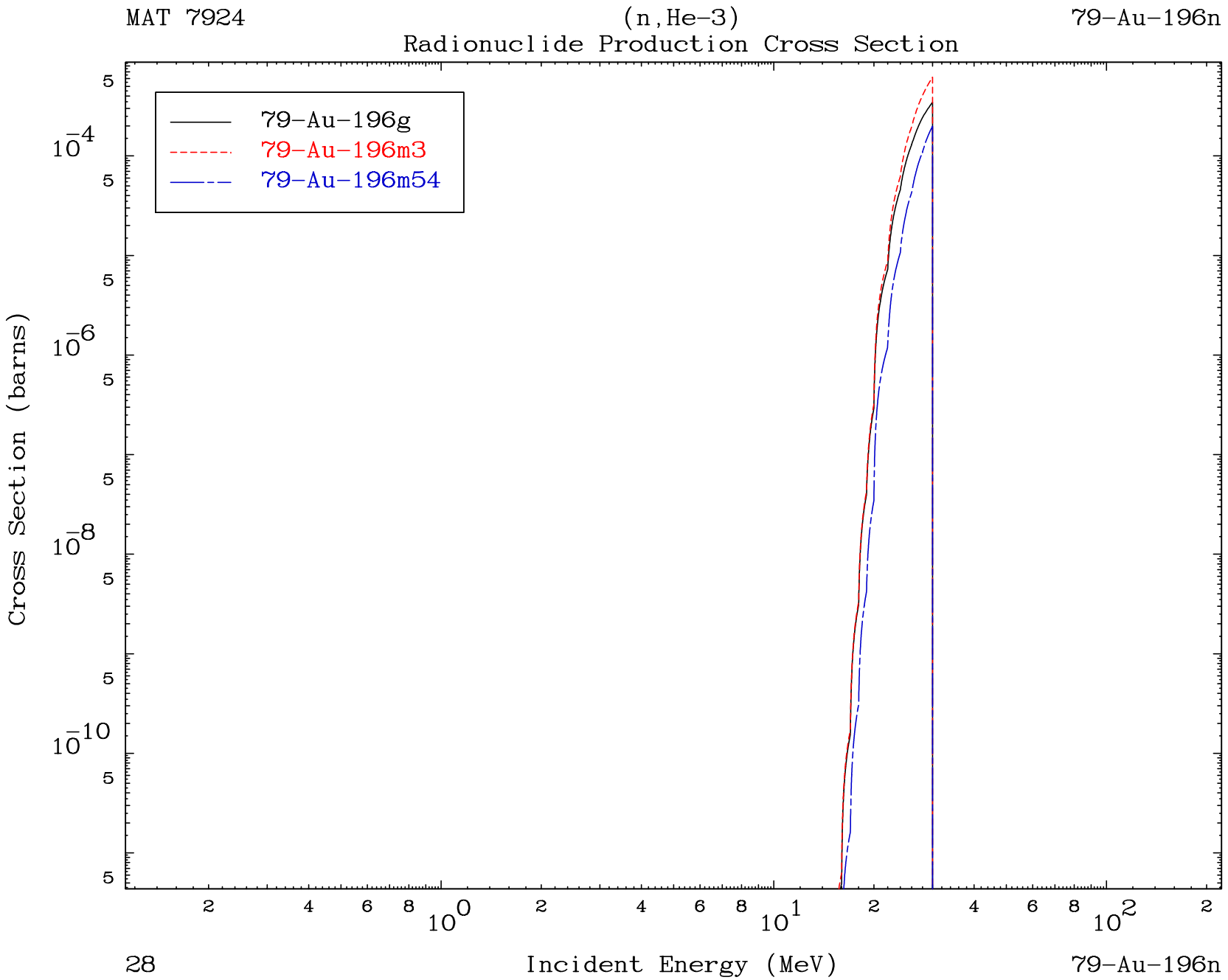

MAT 7924
(n,4n)
79-Au-196n
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10-3
5
10-4
5
10-5
5
10-6
5
2
3
4
5
6
7
8
9
10 2
2
23
Incident Energy (MeV)
79-Au-196n

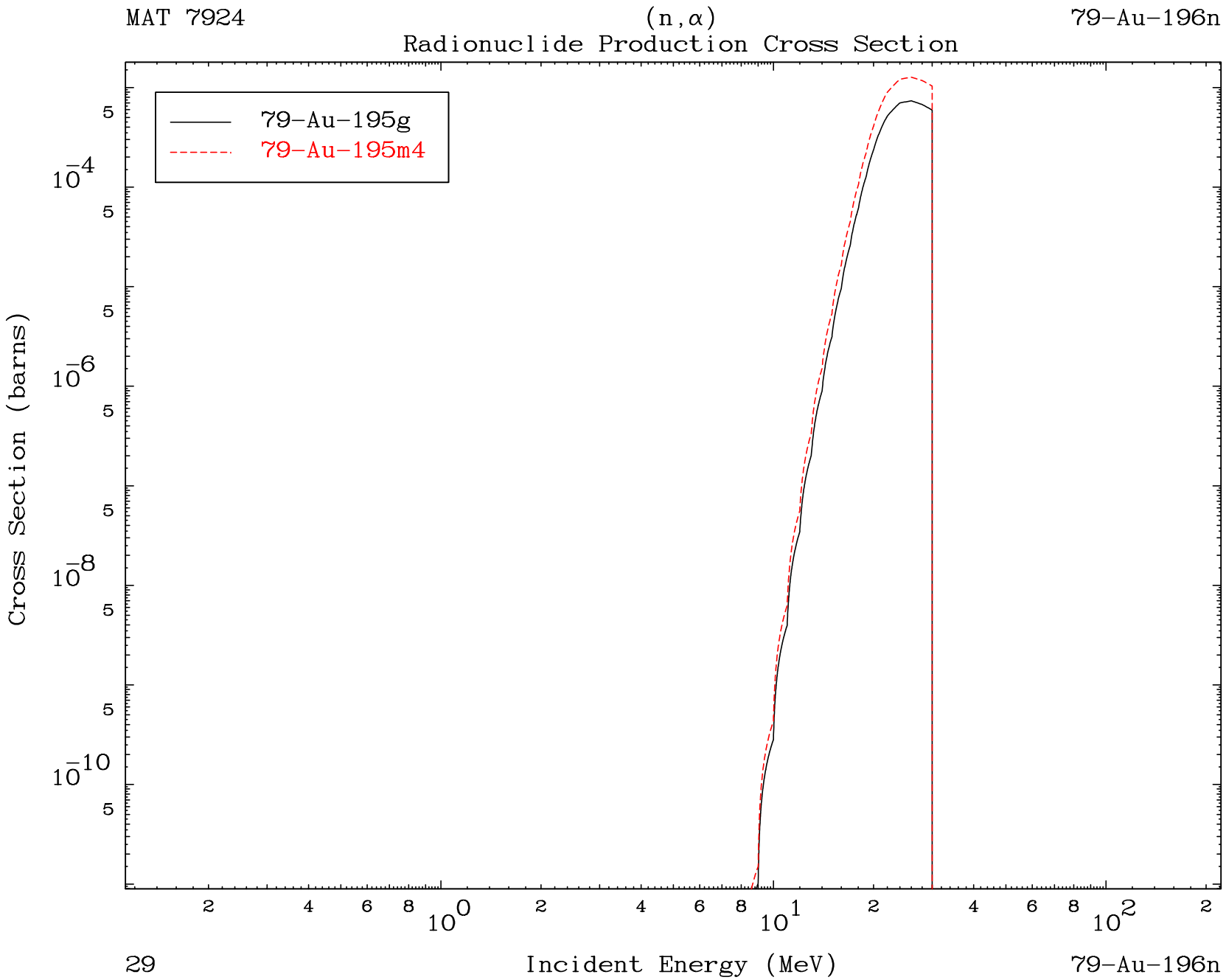

MAT 7924
(n,3n) p
79-Au-196n
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
24
Incident Energy (MeV)
79-Au-196n

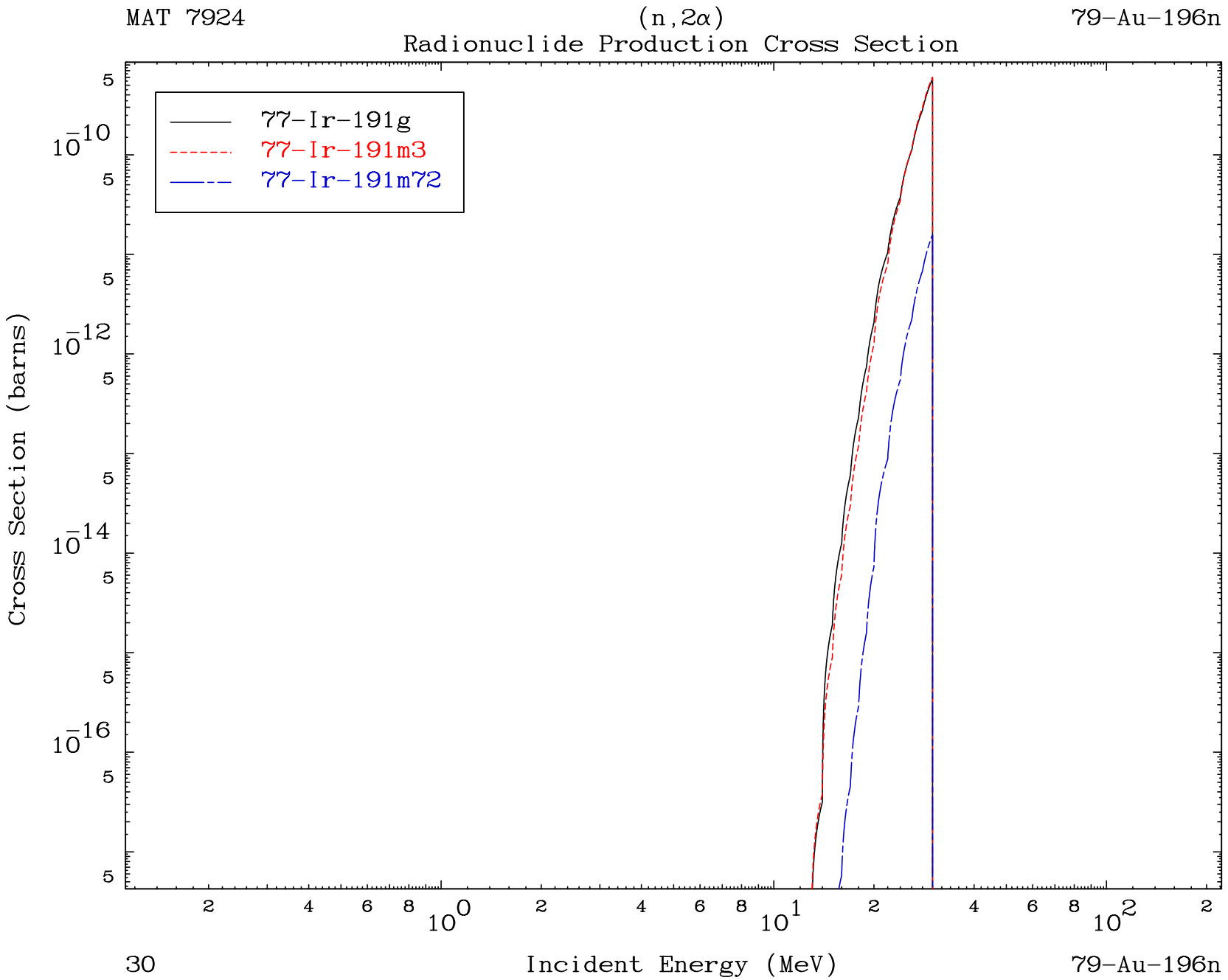

MAT 7924
(n,2n) p
79-Au-196n
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
Incident Energy (MeV)
25
79-Au-196n

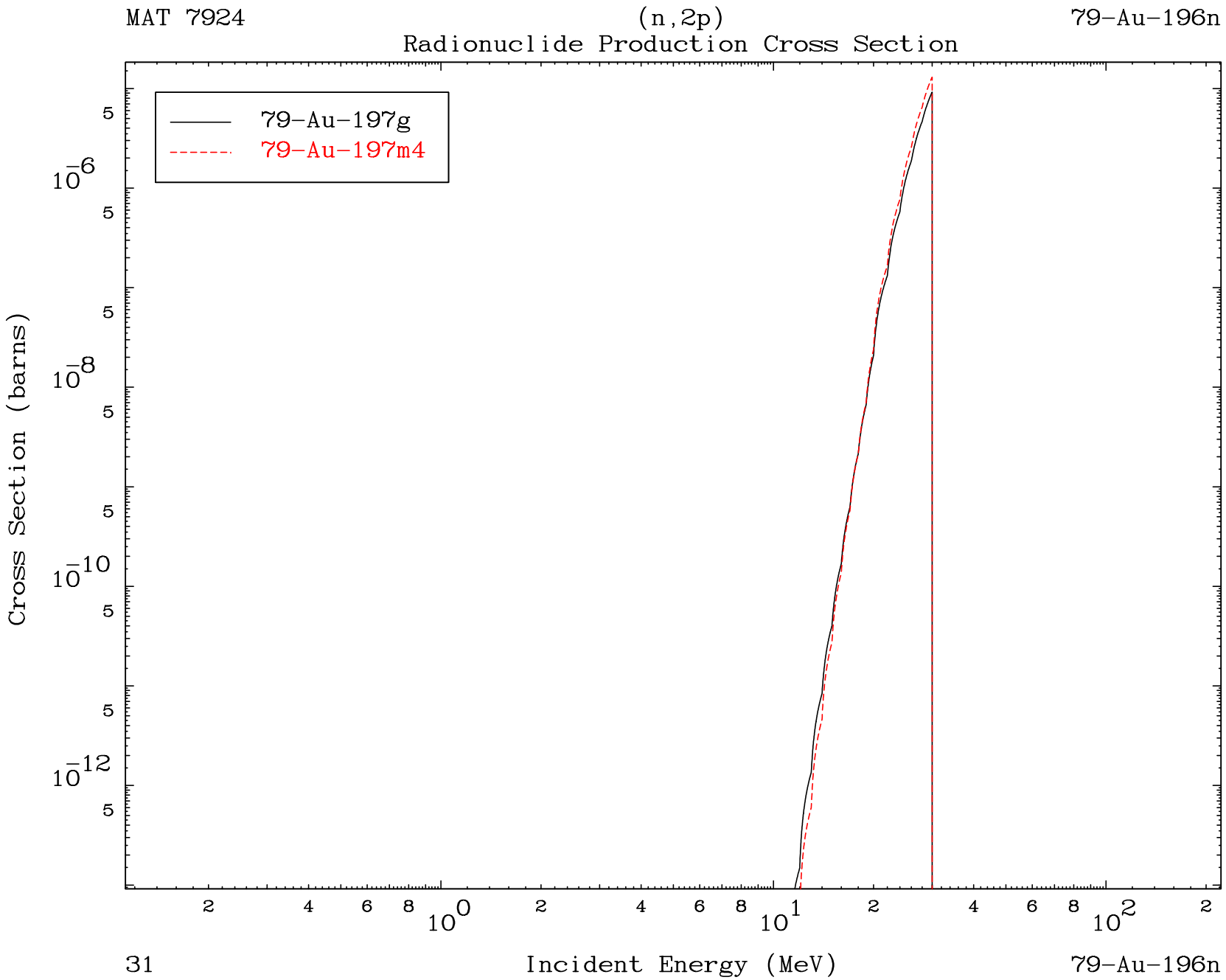

MAT 7924
(n,n') p α
79-Au-196n
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
Incident Energy (MeV)
26
79-Au-196n

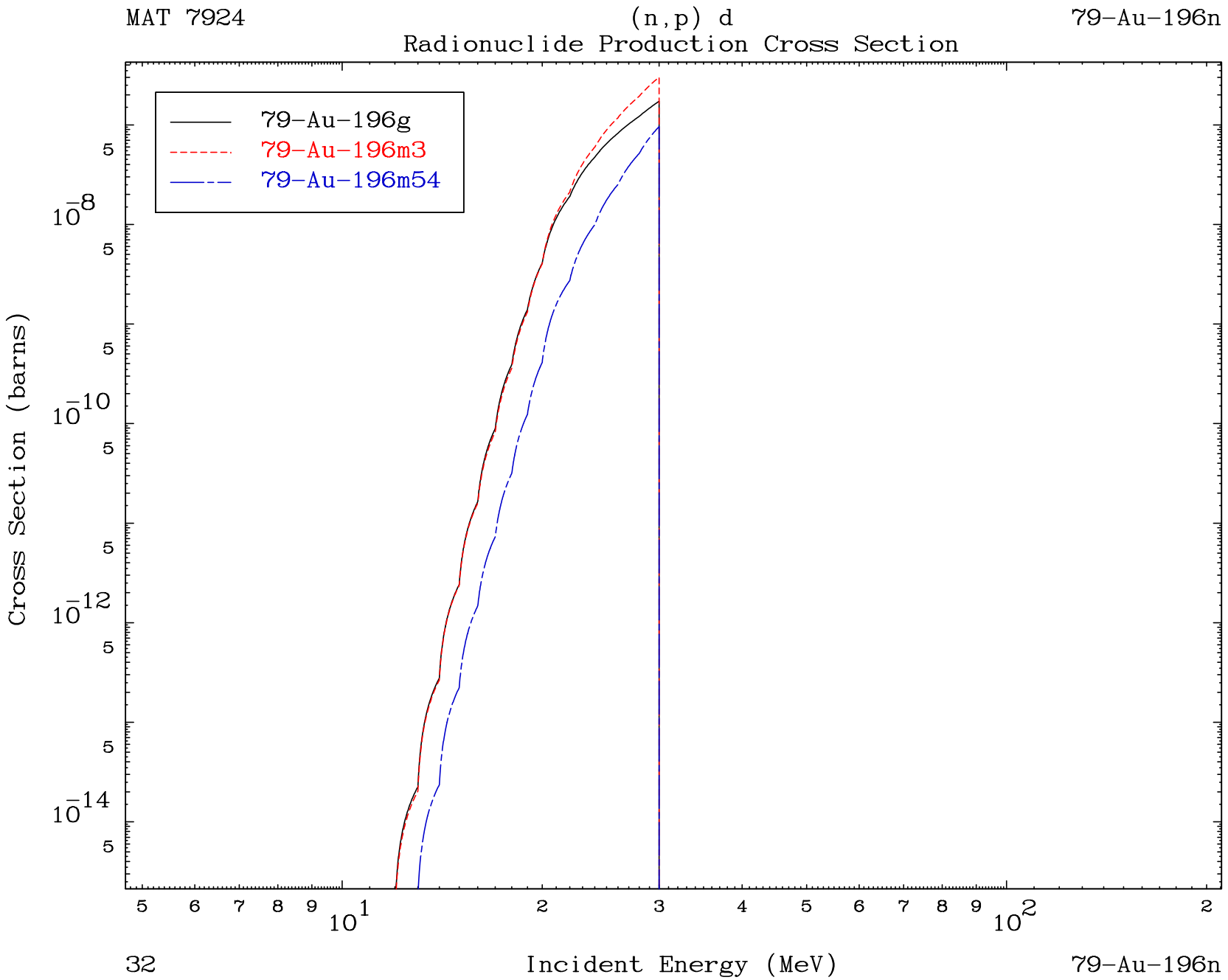

MAT 7924
(n,d)
79-Au-196n
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
27
79-Au-196n

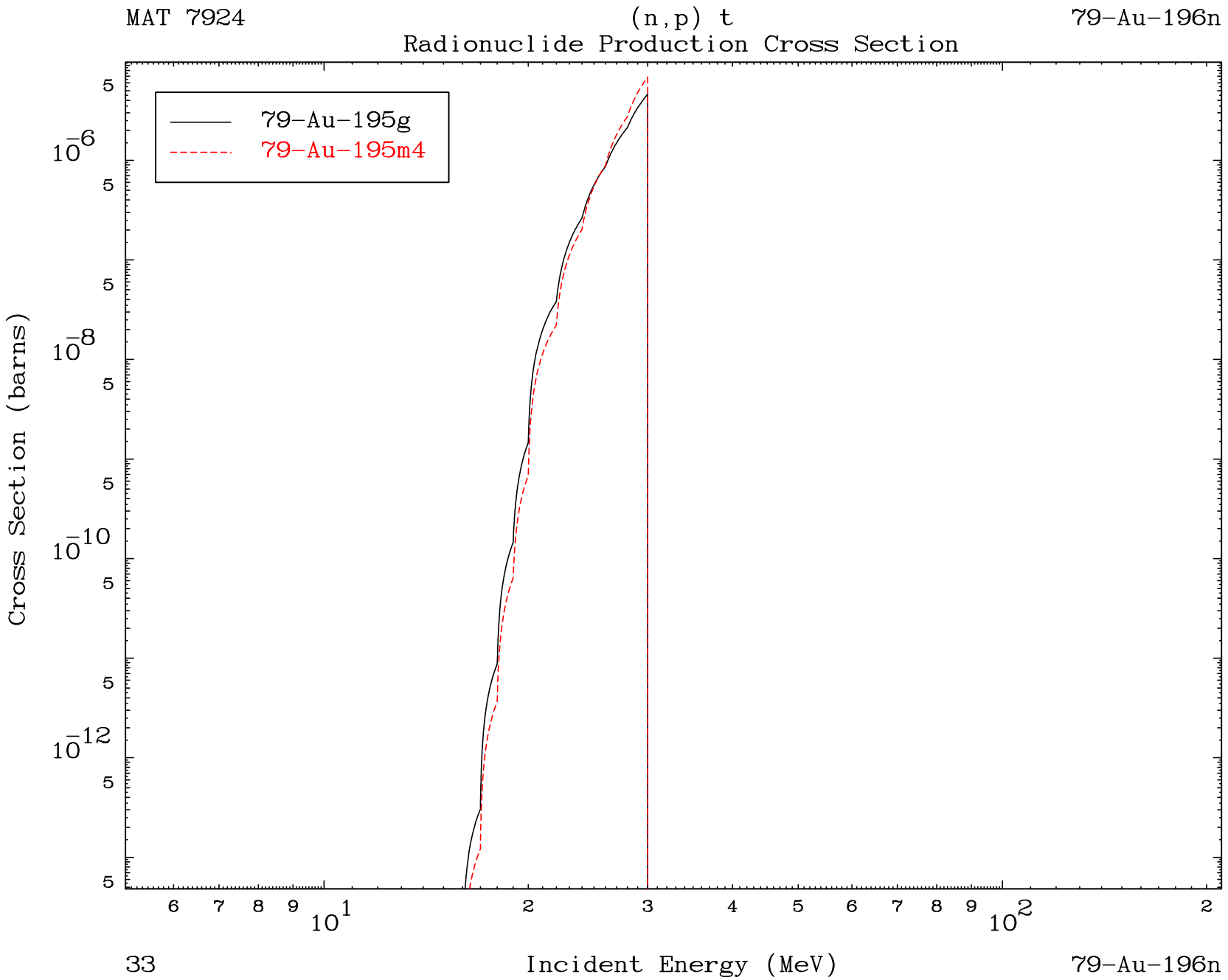

MAT 7924
(n,He-3)
79-Au-196n
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
Incident Energy (MeV)
28
79-Au-196n

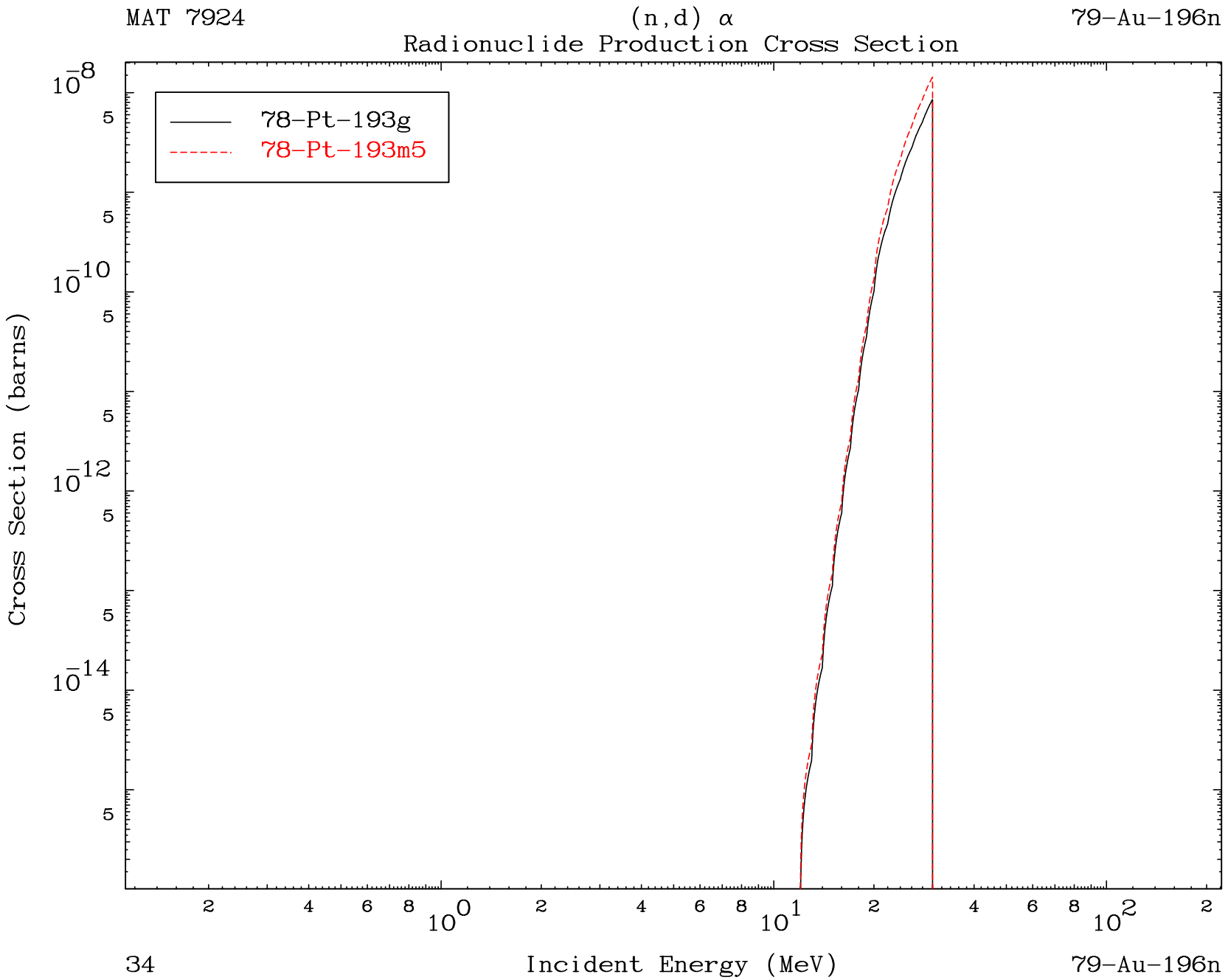

MAT 7924
(n,α)
79-Au-196n
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
29
79-Au-196n


MAT 7924
(n,2α)
79-Au-196n
Radionuclide Production Cross Section
77-Ir-191g
77-Ir-191m3
77-Ir-191m72
Cross Section (barns)
Incident Energy (MeV)
30
79-Au-196n


MAT 7924
(n,2p)
79-Au-196n
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10-6
10-8
10-10
10-12
100
101
102
Incident Energy (MeV)
31
79-Au-196n


MAT 7924
(n,p) d
79-Au-196n
Radionuclide Production Cross Section
79-Au-196g
79-Au-196m3
79-Au-196m54
Cross Section (barns)
10-8
10-10
10-12
10-14
5
5
5
5
5
5
5 6 7 8 9 10 1
2
3
4
5 6 7 8 9 10 2
2
32
Incident Energy (MeV)
79-Au-196n


MAT 7924
(n,p) t
79-Au-196n
Radionuclide Production Cross Section
79-Au-195g
79-Au-195m4
Cross Section (barns)
Incident Energy (MeV)
33
79-Au-196n


MAT 7924
(n,d) α
79-Au-196n
Radionuclide Production Cross Section
78-Pt-193g
78-Pt-193m5
Cross Section (barns)
Incident Energy (MeV)
34
79-Au-196n