Program EVALPLOT
(Version 2018-1)
by
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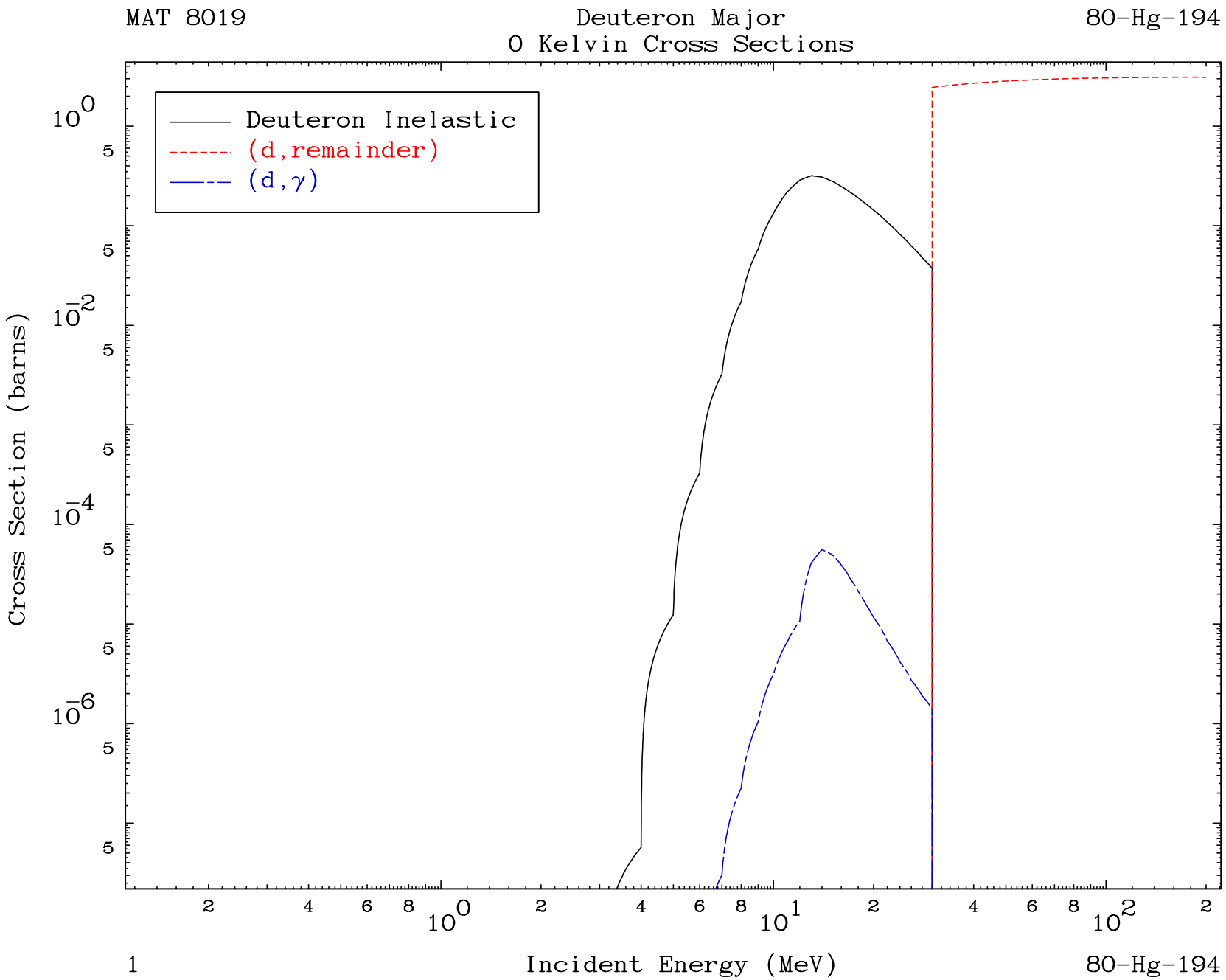
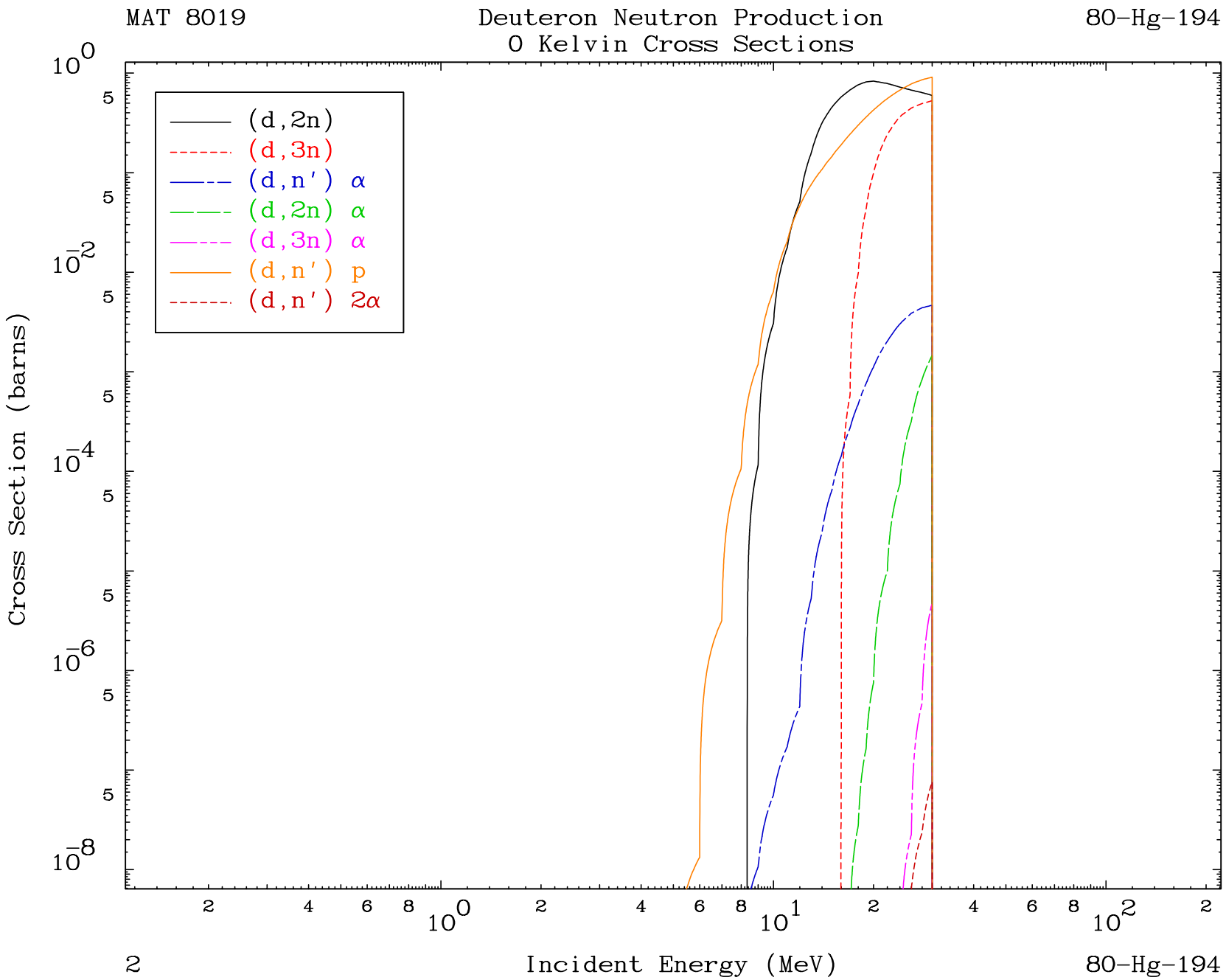
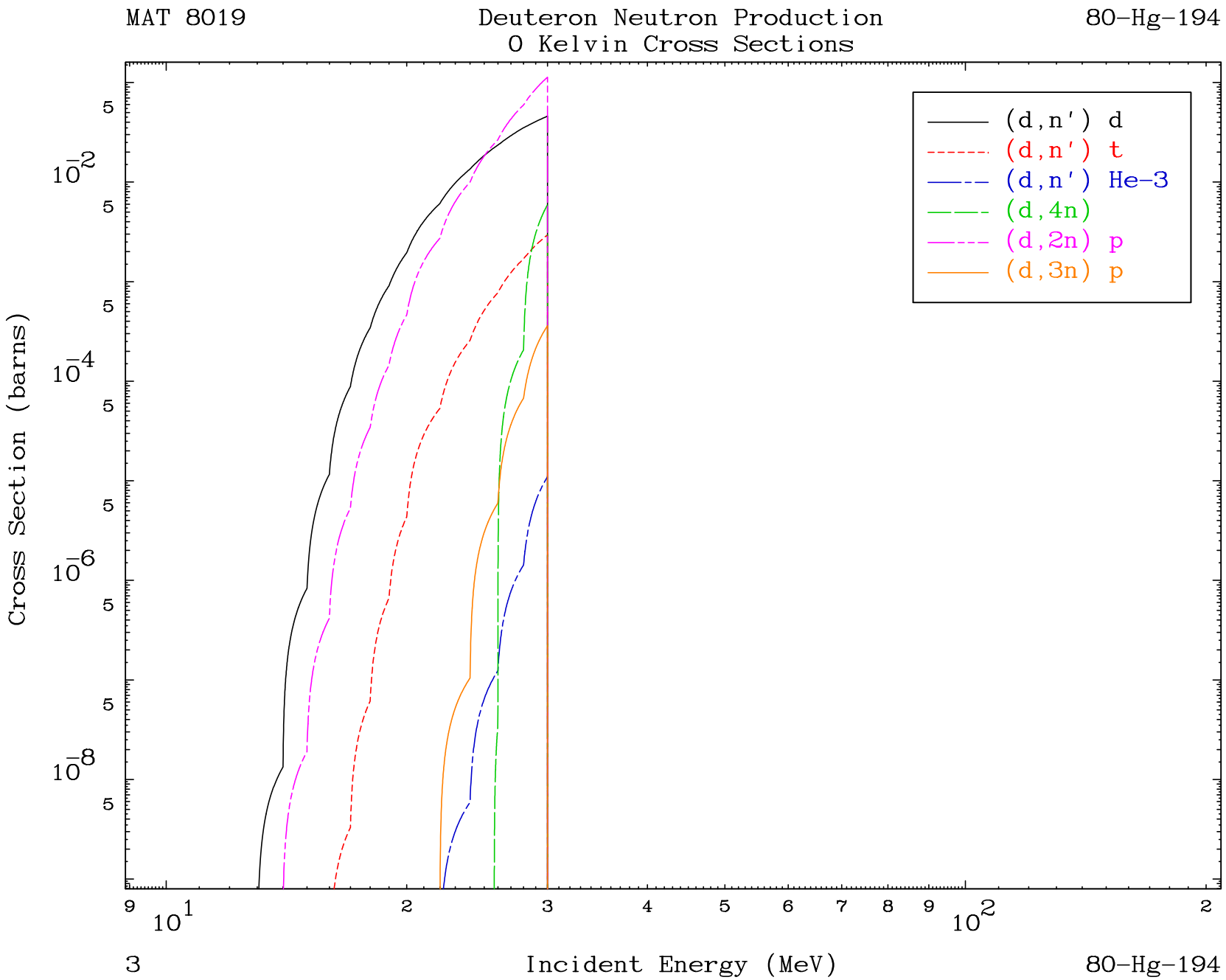
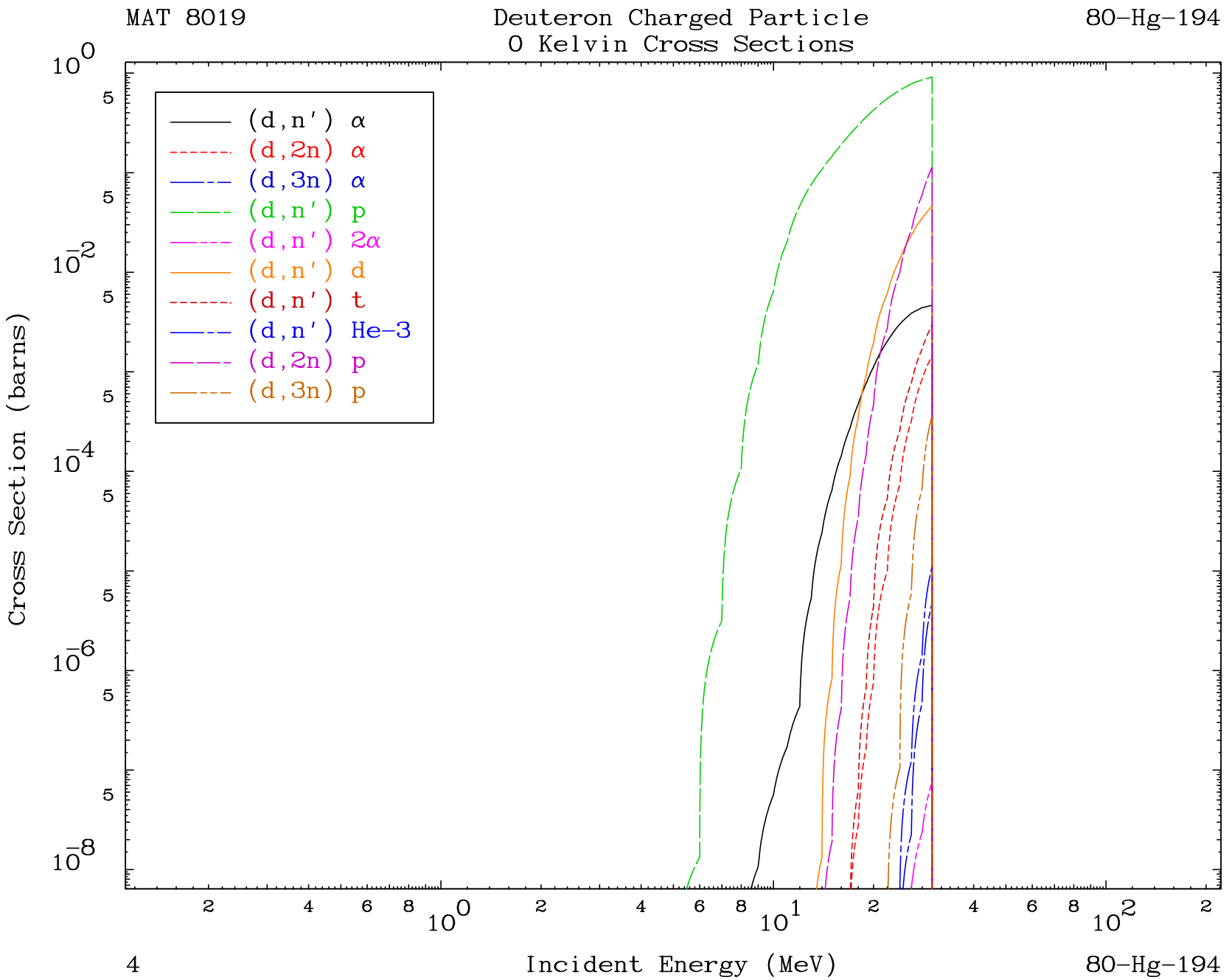
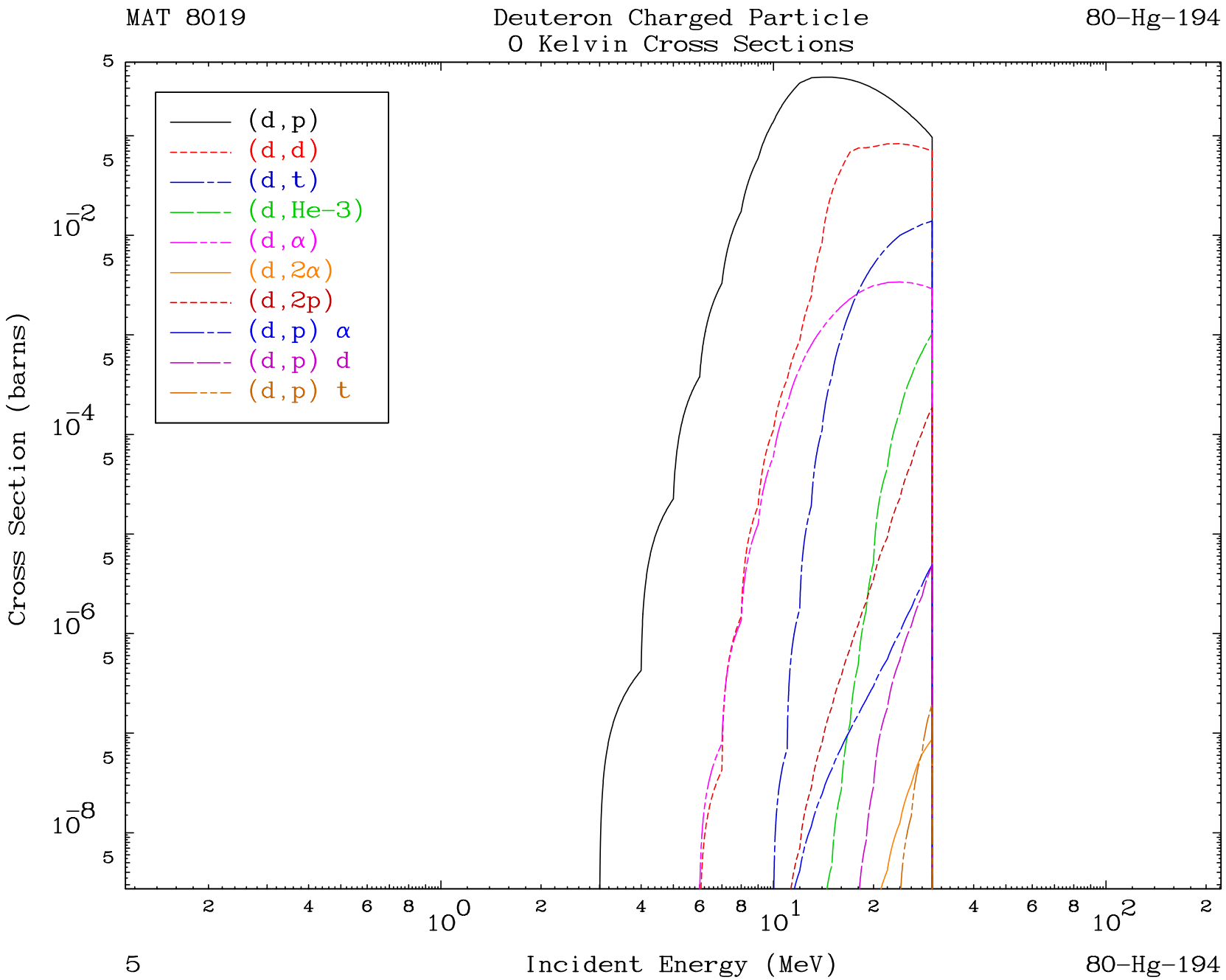
Press Mouse Button to Start


MAT 8019
Deuteron Major
0 Kelvin Cross Sections
80-Hg-194
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-194
1

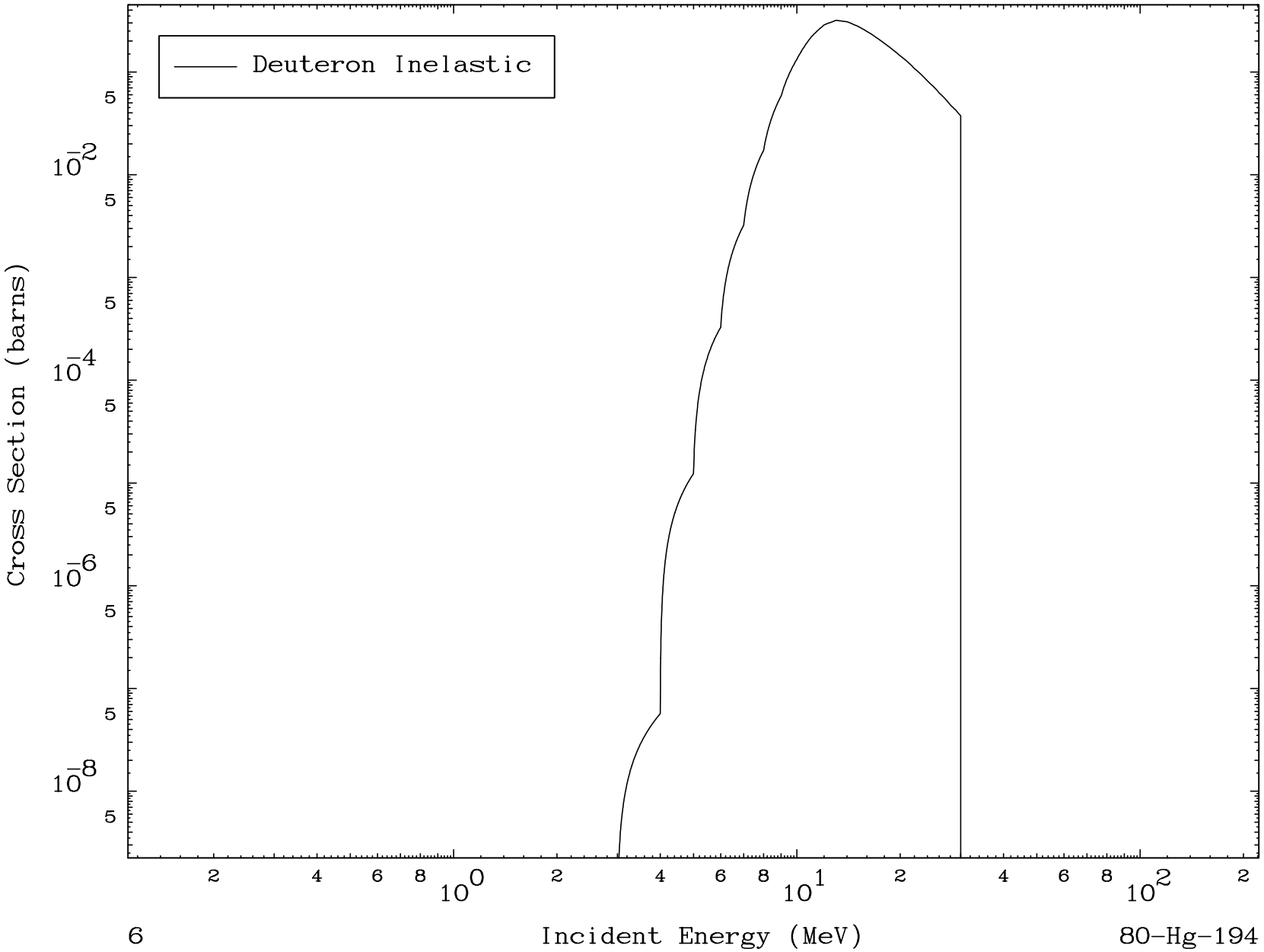

MAT 8019
Deuteron Neutron Production
0 Kelvin Cross Sections
80-Hg-194
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
80-Hg-194
2

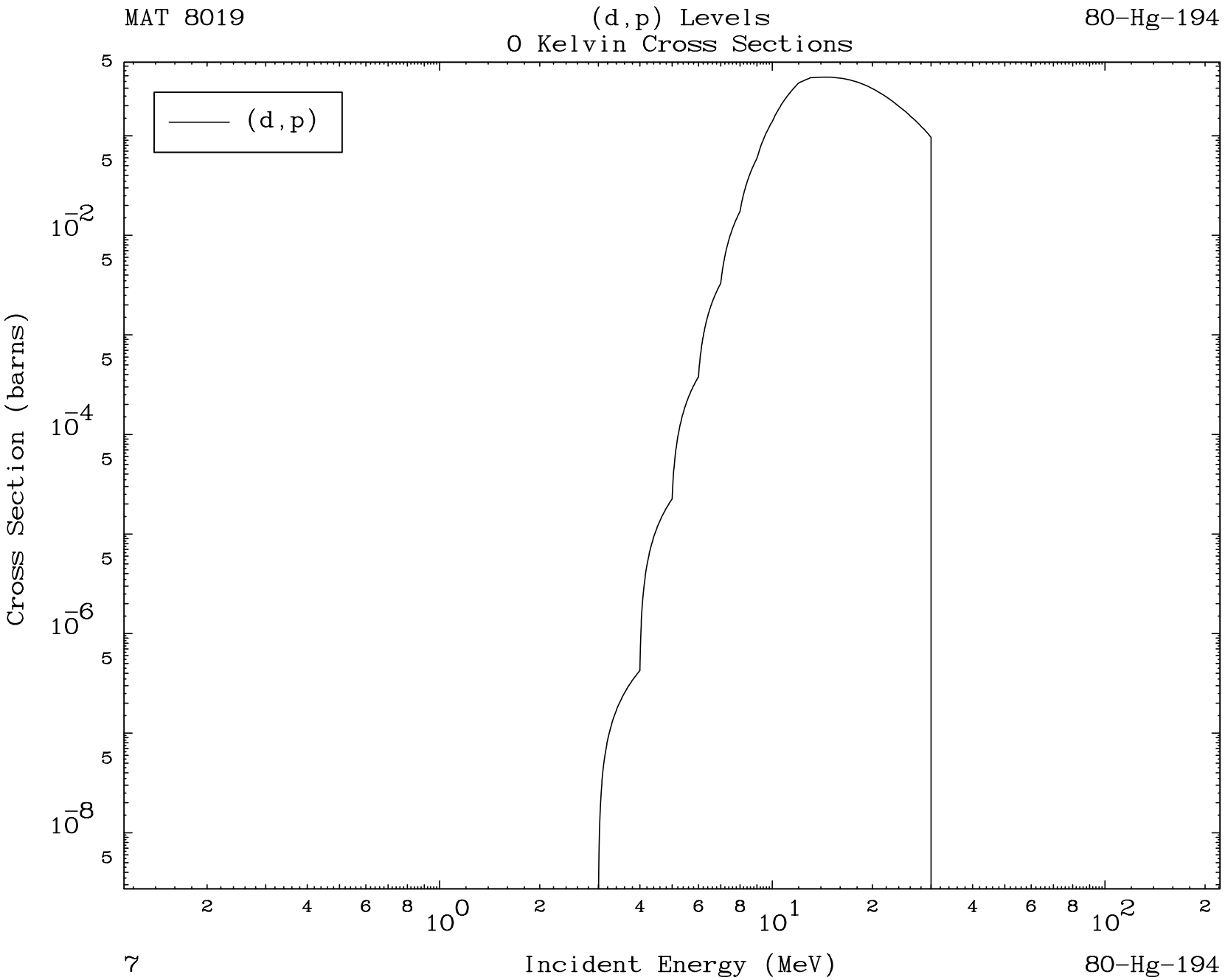

MAT 8019
Deuteron Neutron Production
0 Kelvin Cross Sections
80-Hg-194
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
80-Hg-194
3

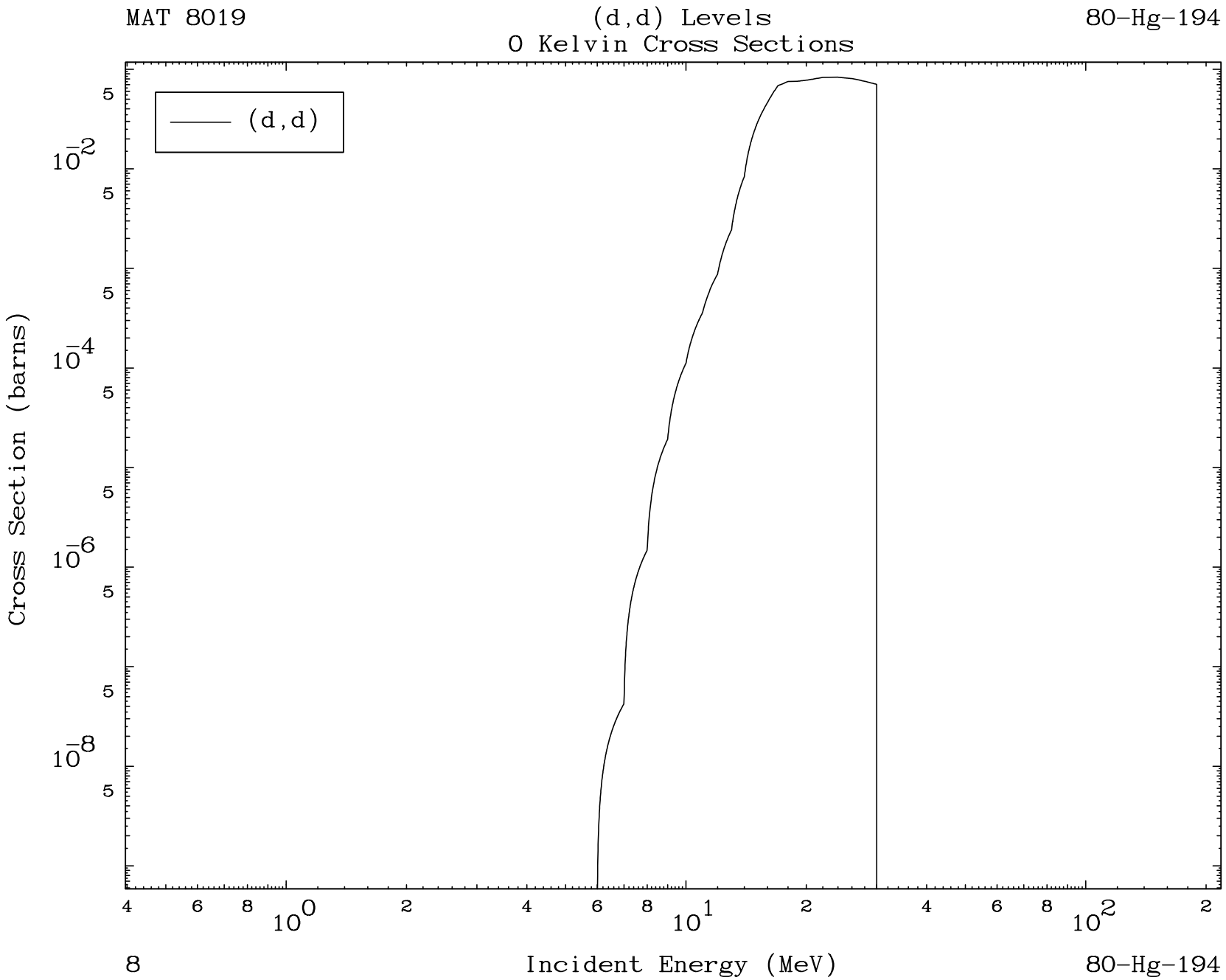

MAT 8019
Deuteron Charged Particle
0 Kelvin Cross Sections
80-Hg-194
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-194

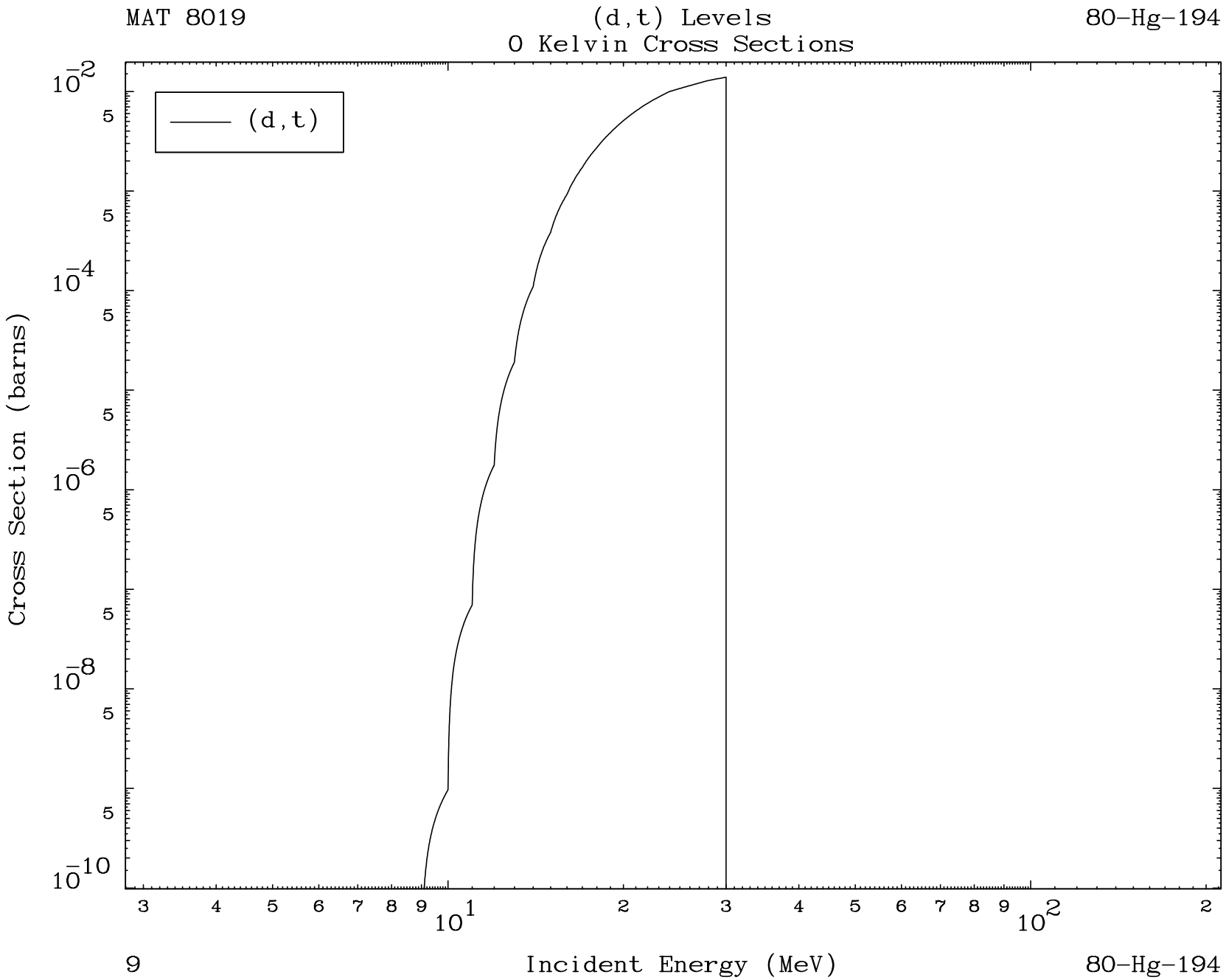

MAT 8019
Deuteron Charged Particle
0 Kelvin Cross Sections
80-Hg-194
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
80-Hg-194

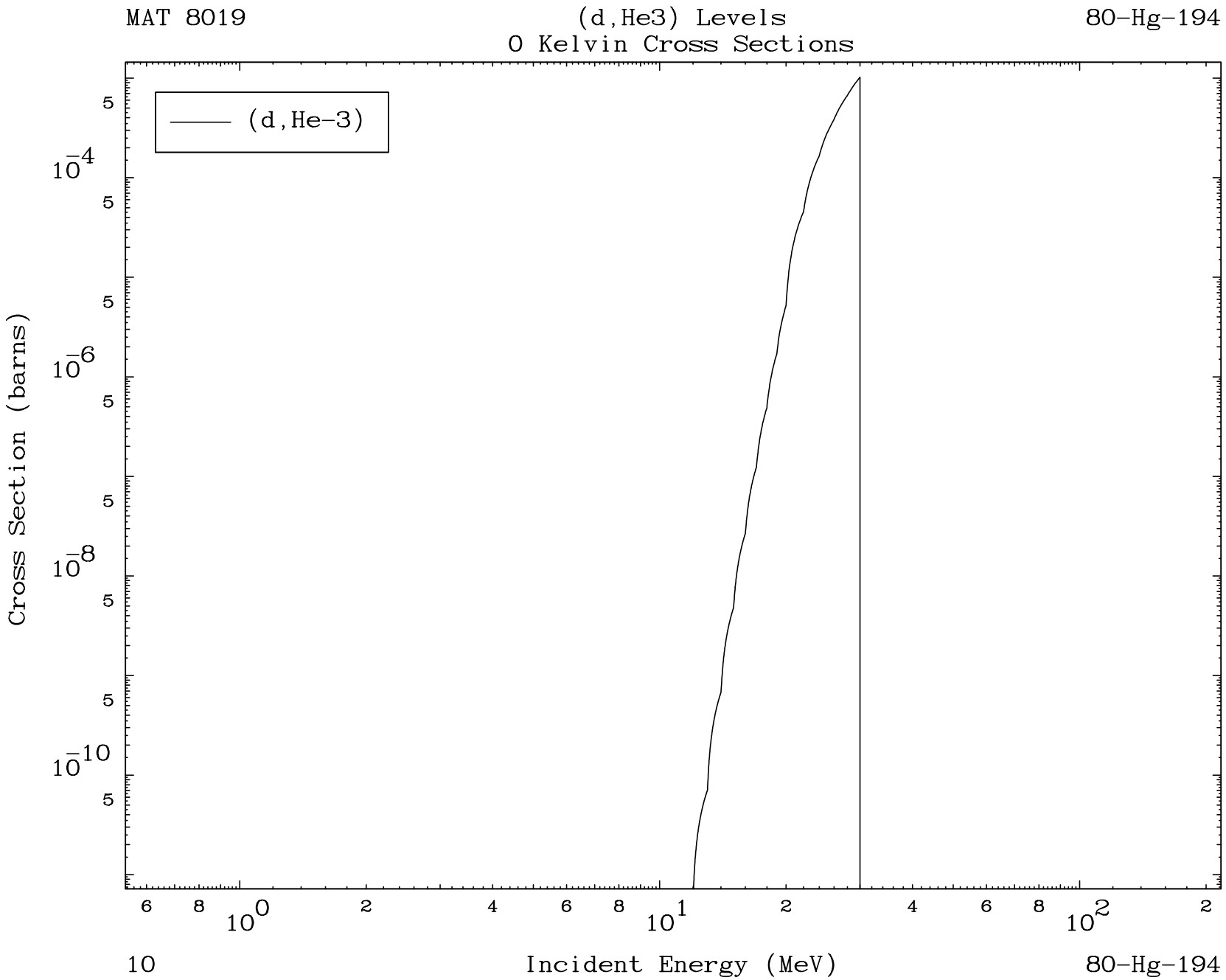
0 Kelvin Cross Sections

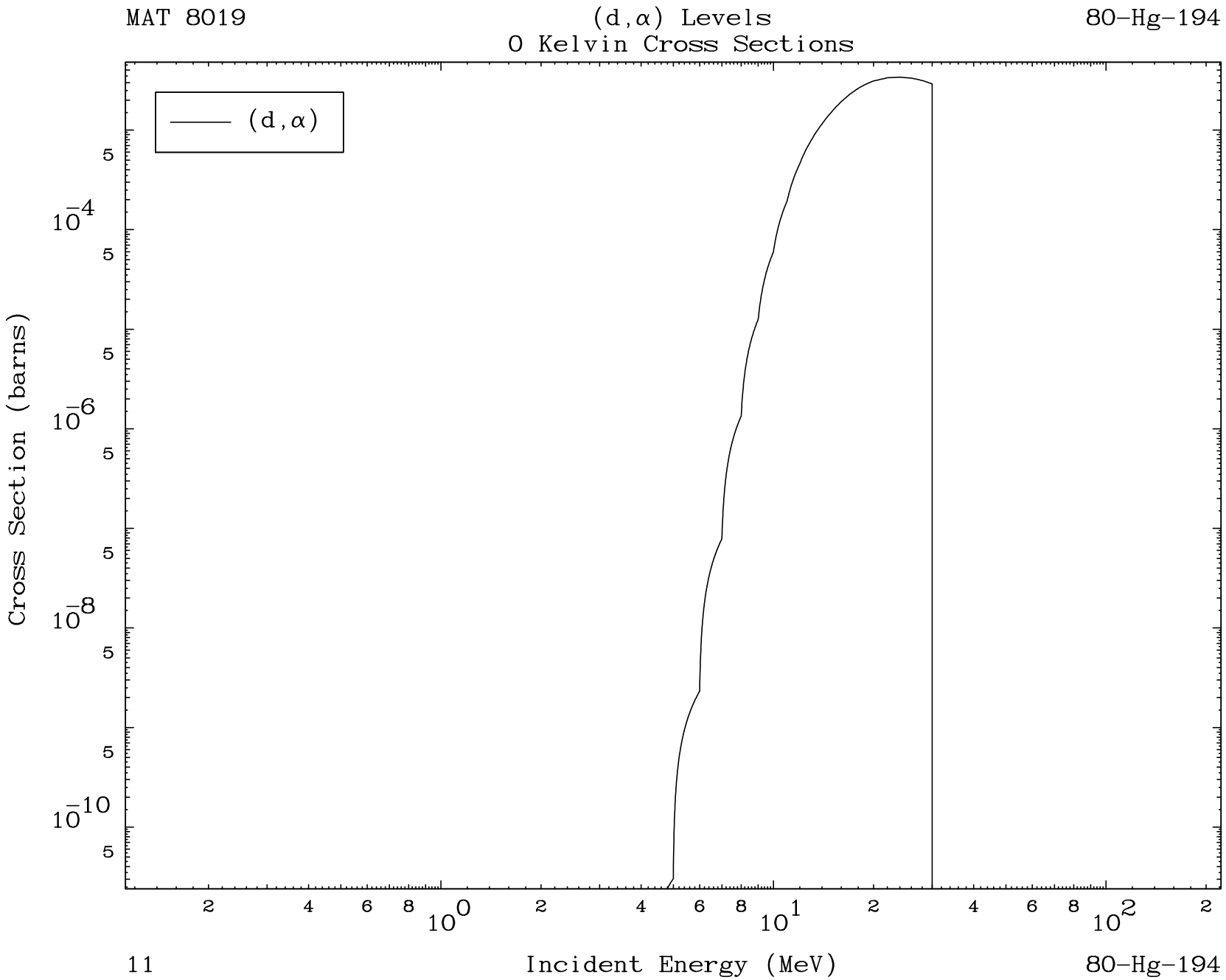


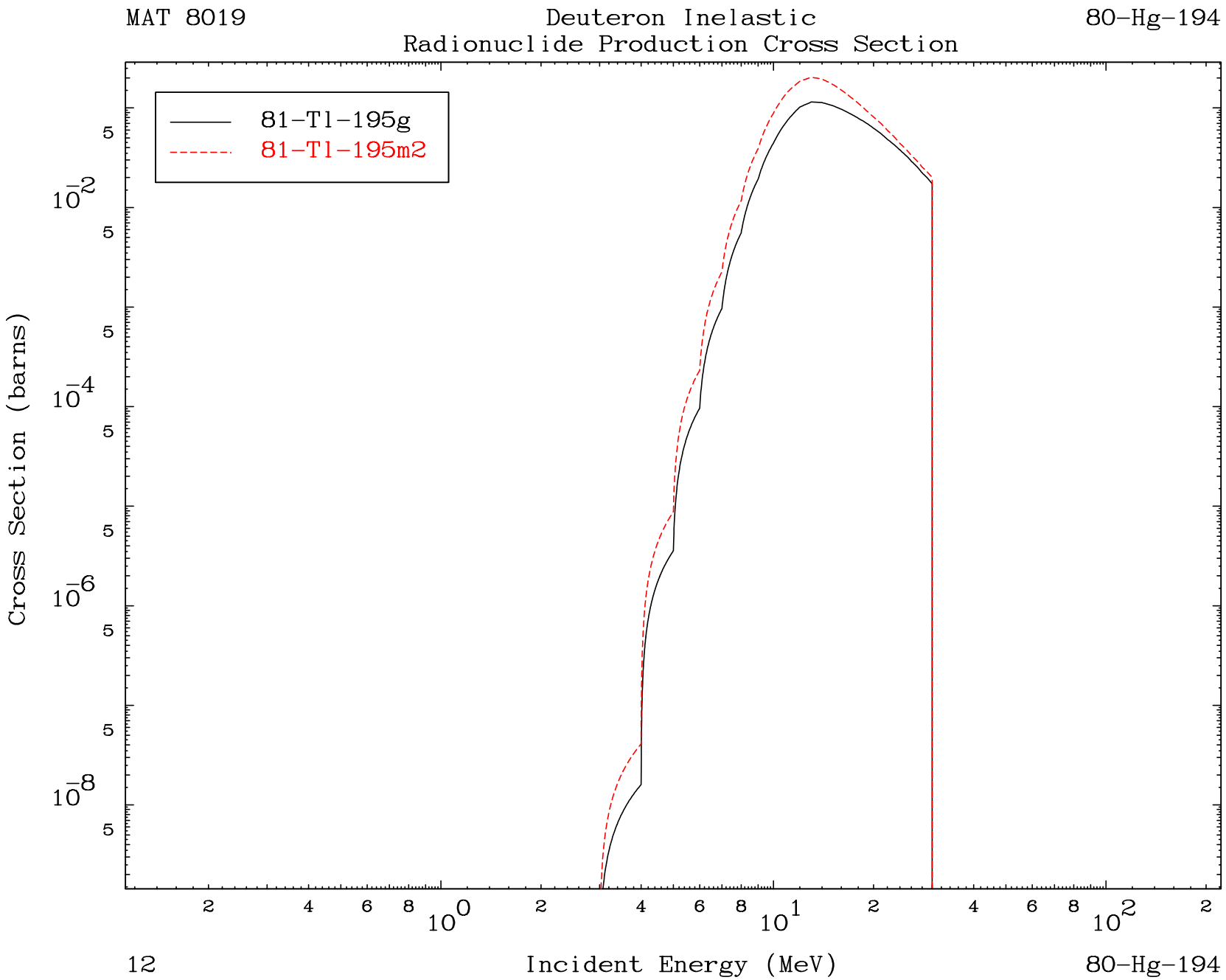

MAT 8019
(d,p) Levels
80-Hg-194
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-194

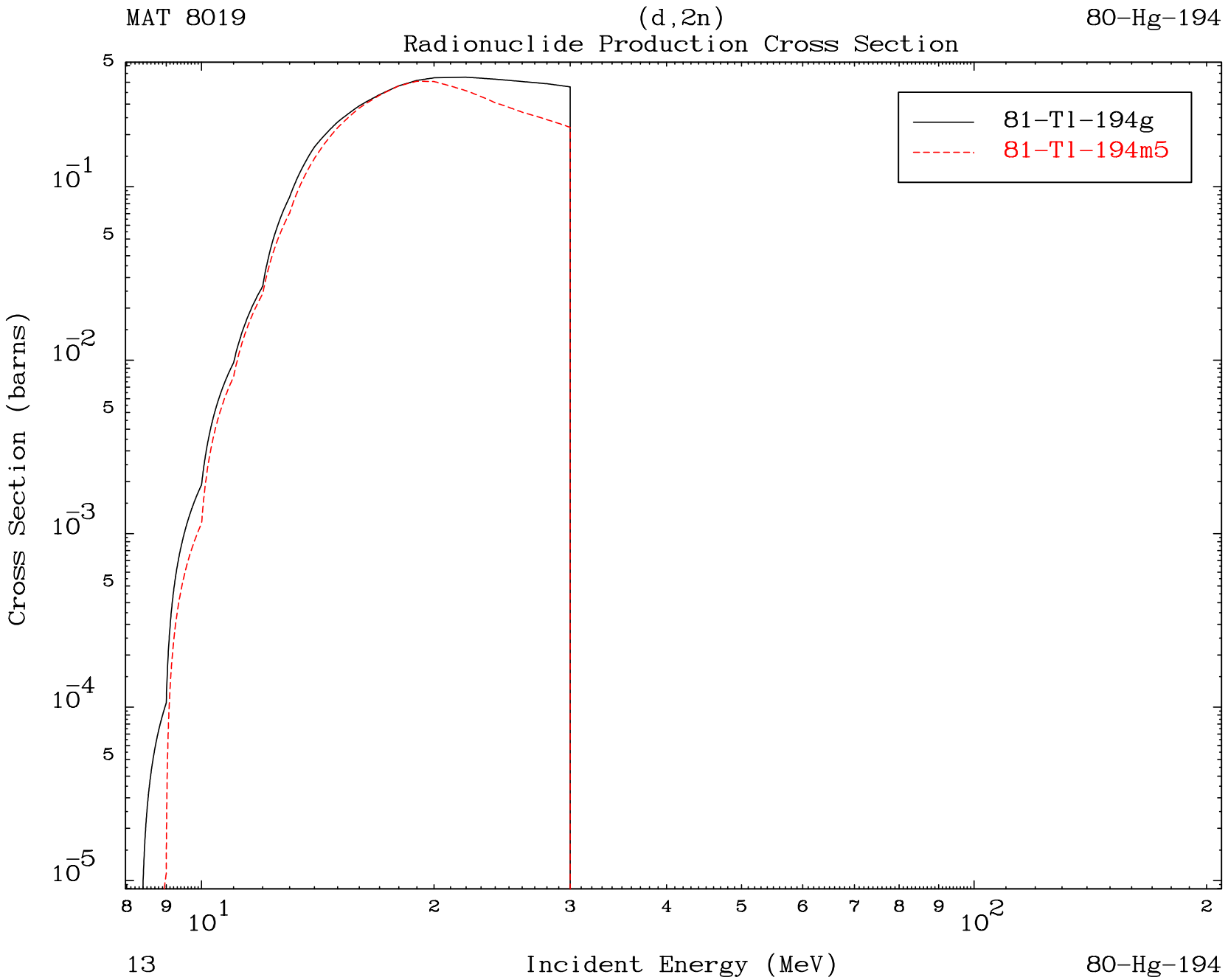

MAT 8019
(d,d) Levels
80-Hg-194
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
80-Hg-194

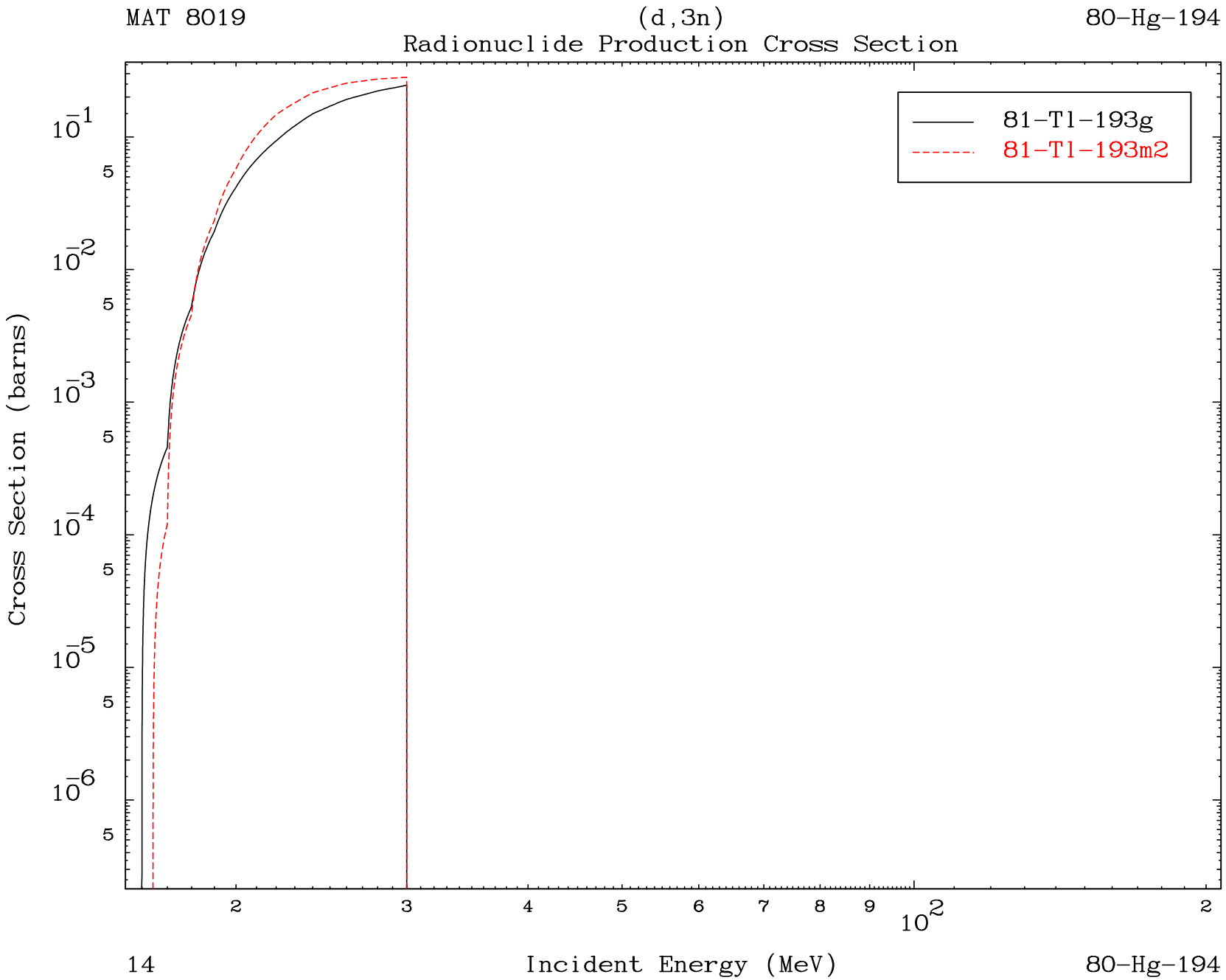

MAT 8019
(d,t) Levels
80-Hg-194
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
80-Hg-194

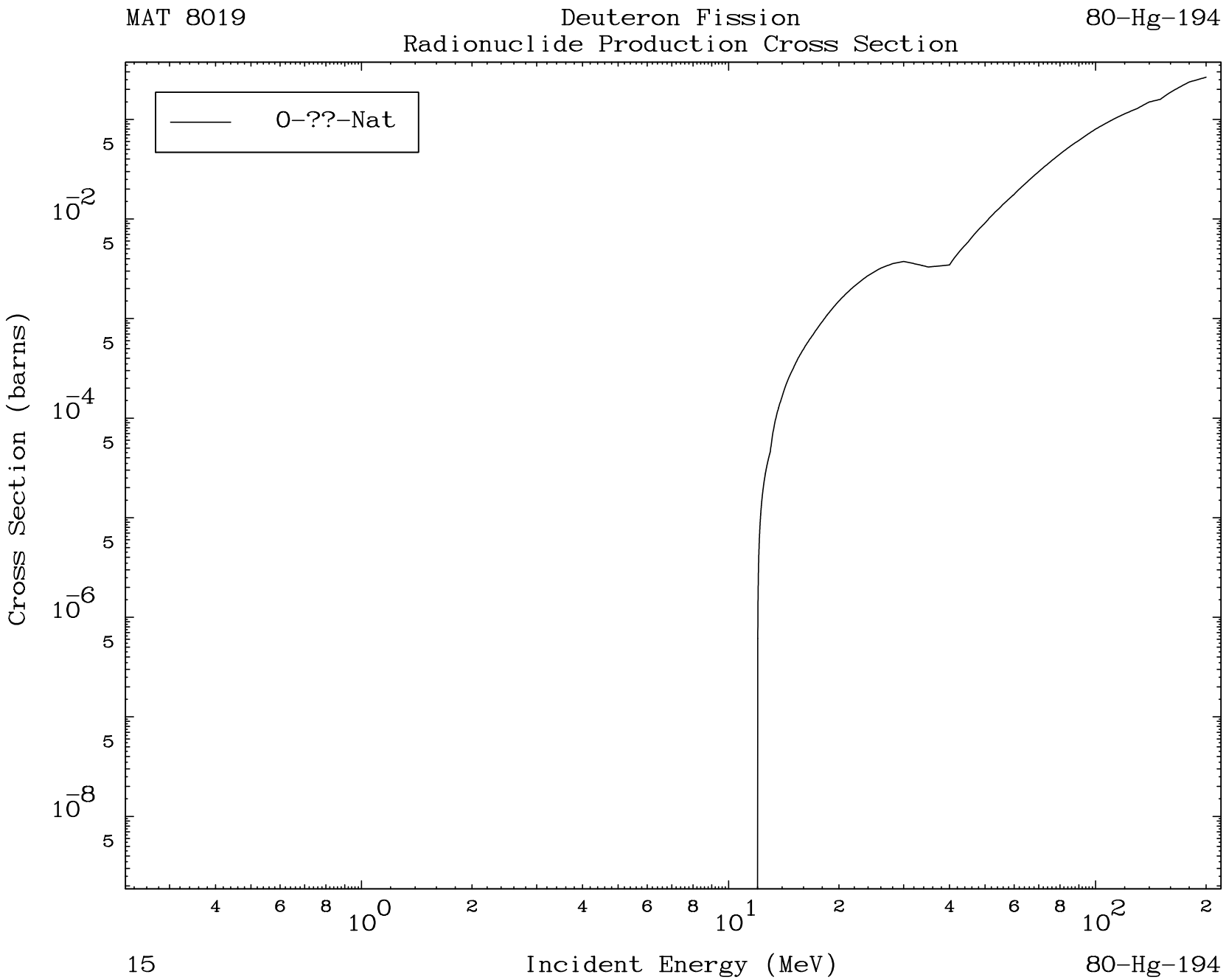

MAT 8019
(d,He3) Levels
80-Hg-194
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-194

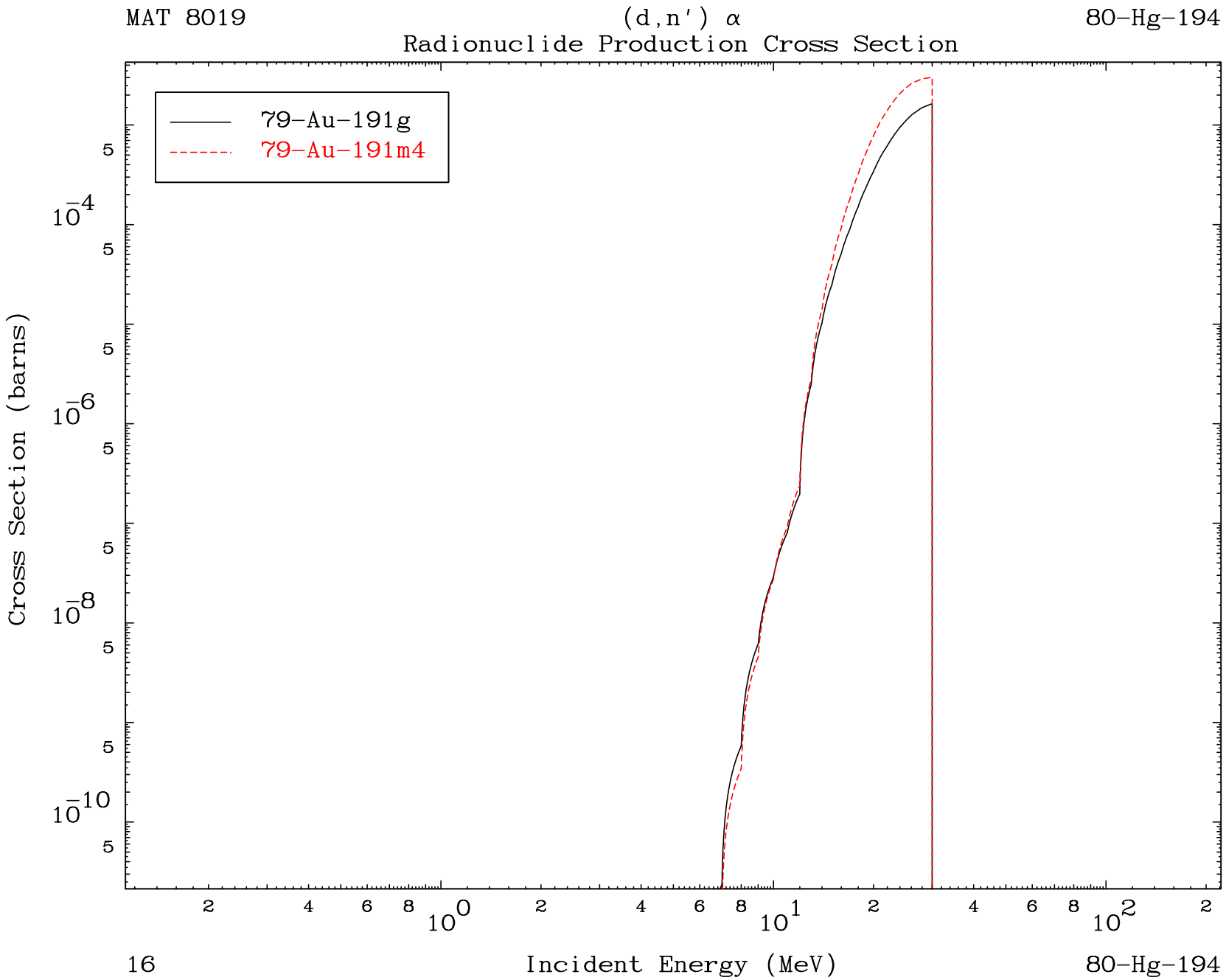

MAT 8019
(d,α) Levels
80-Hg-194
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
100
101
102
11
80-Hg-194

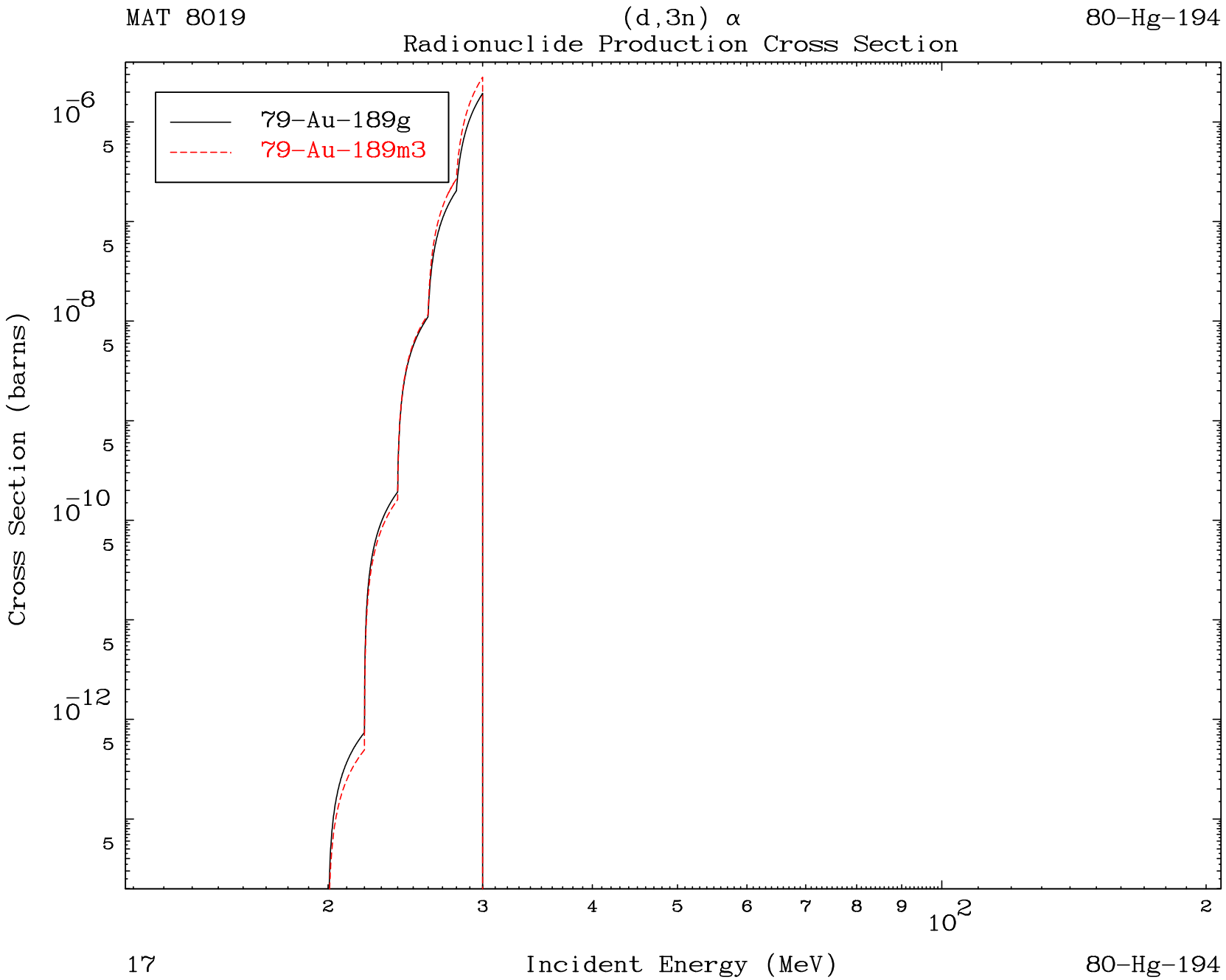

MAT 8019
Deuteron Inelastic
80-Hg-194
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-194

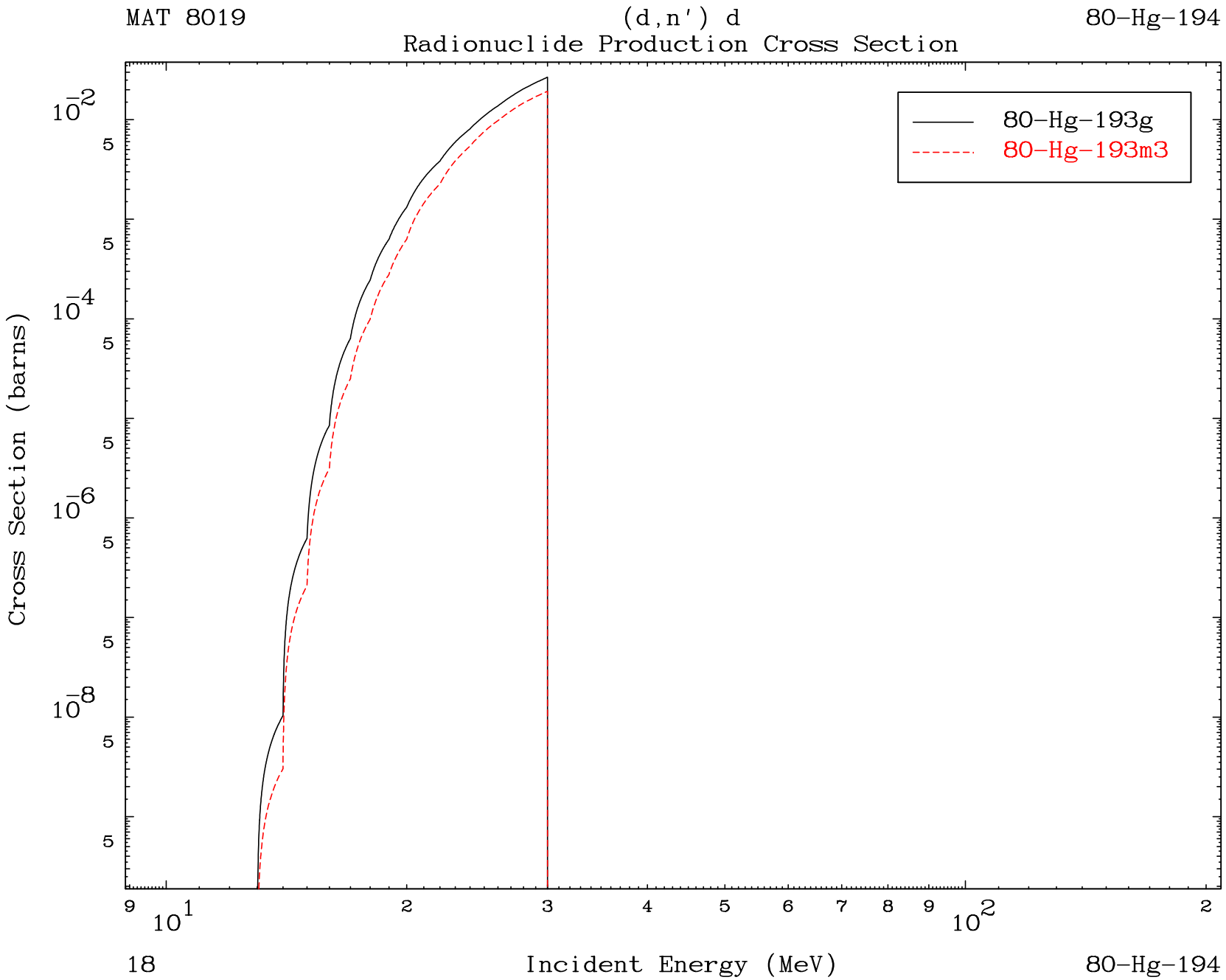

MAT 8019
(d,2n)
80-Hg-194
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m5
Cross Section (barns)
Incident Energy (MeV)
13
80-Hg-194

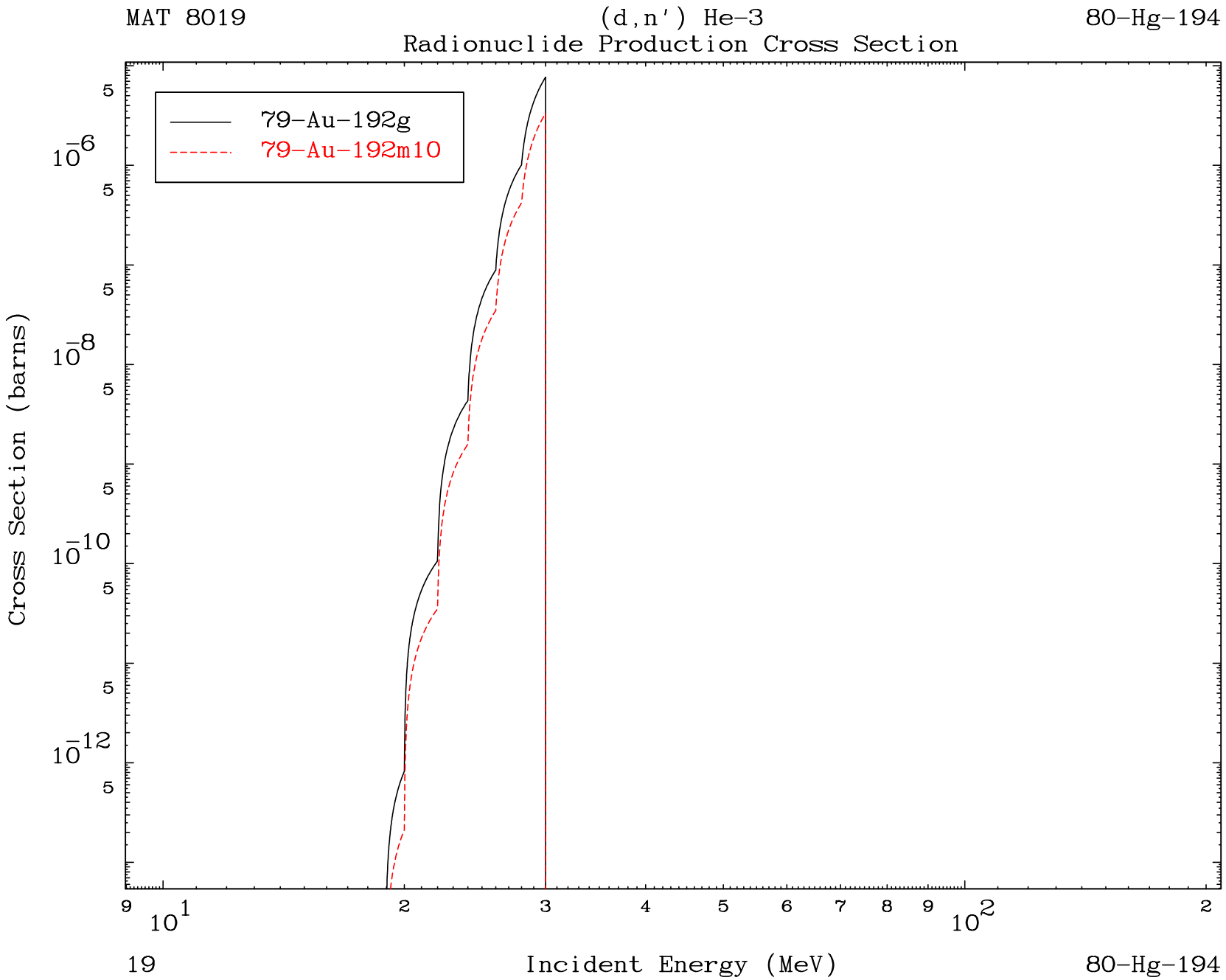

MAT 8019
(d,3n)
80-Hg-194
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-194

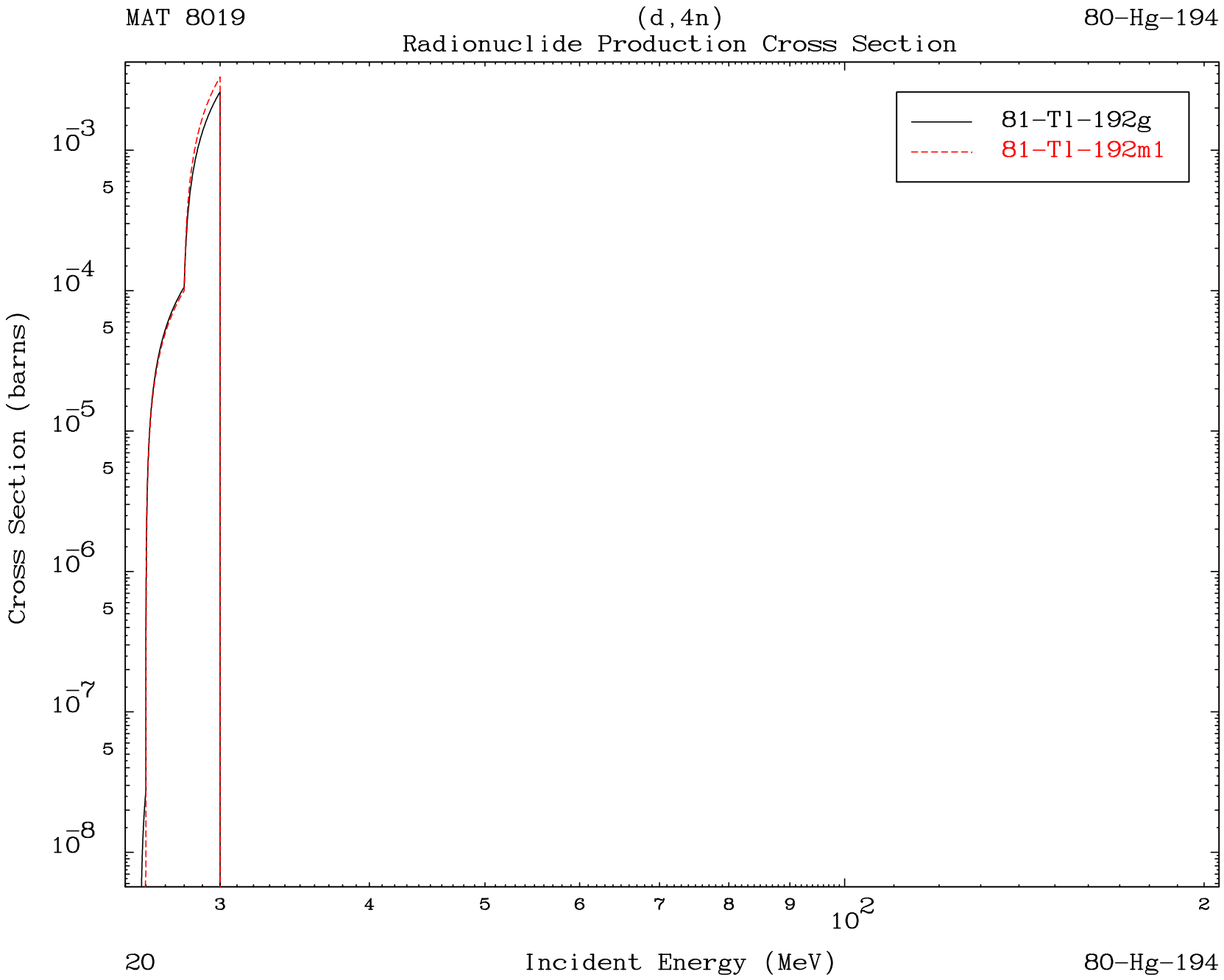

MAT 8019
Deuteron Fission
80-Hg-194
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
80-Hg-194

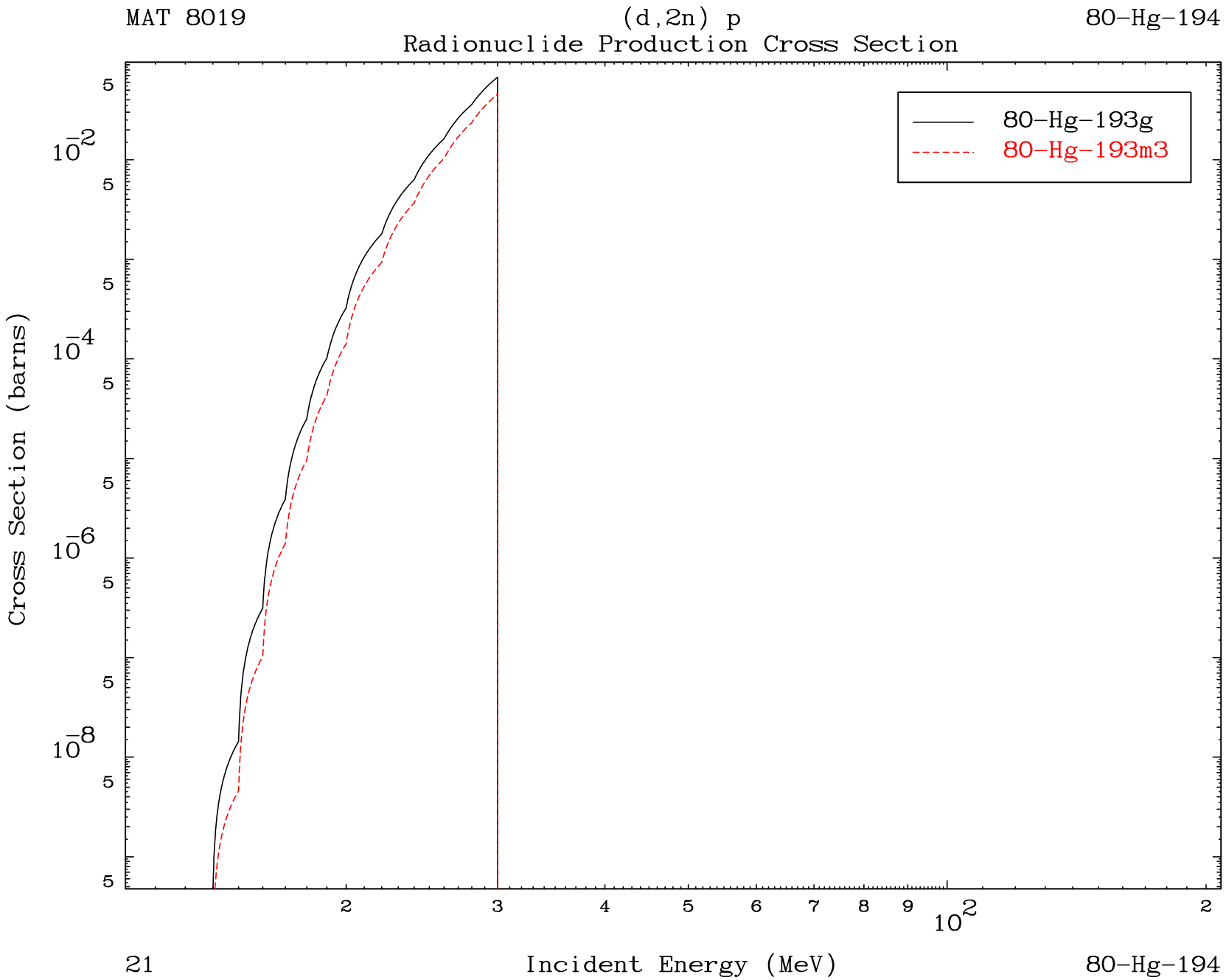

MAT 8019
(d,n') α
80-Hg-194
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
16
80-Hg-194

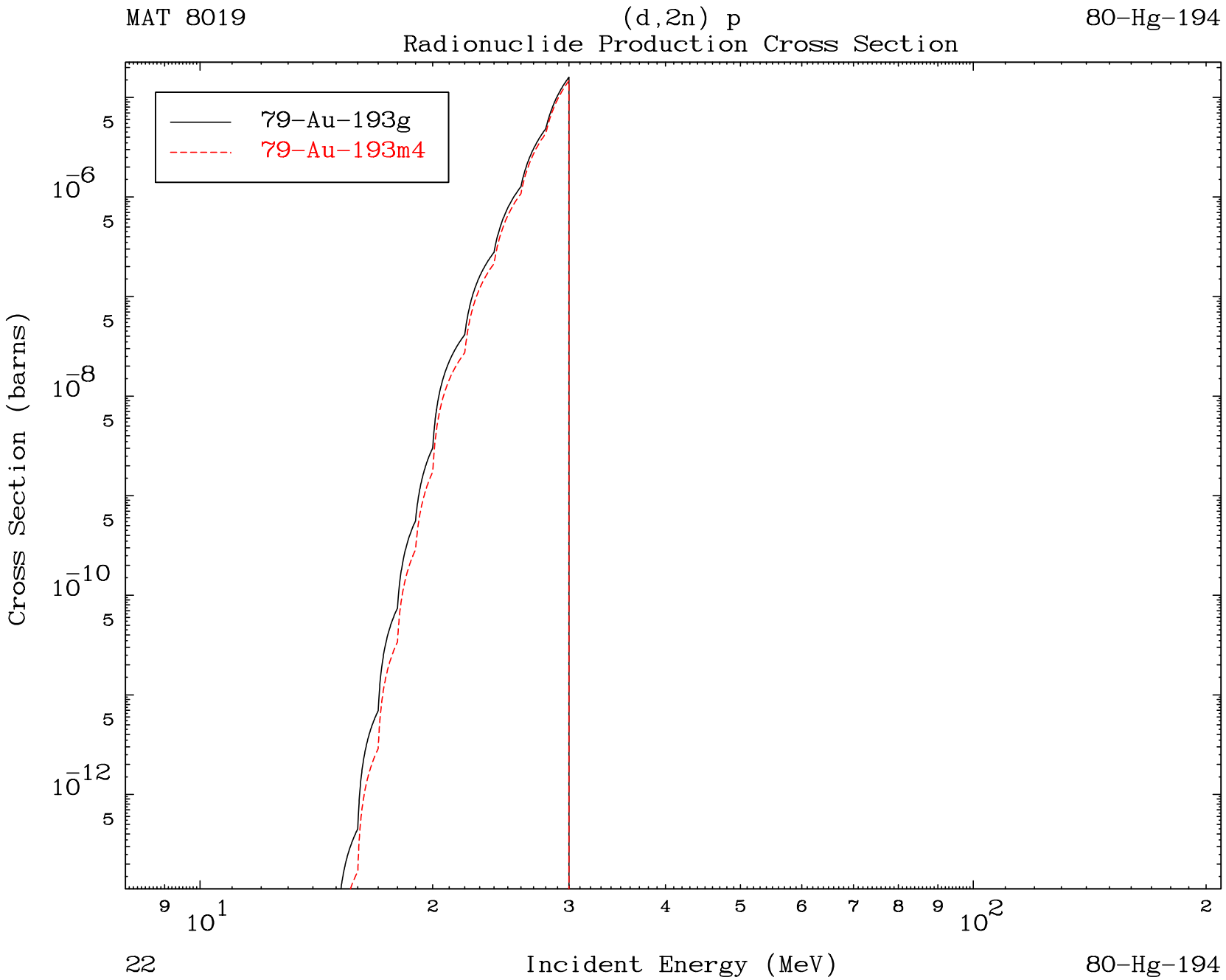

MAT 8019
(d,3n) α
80-Hg-194
Radionuclide Production Cross Section
79-Au-189g
79-Au-189m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
80-Hg-194

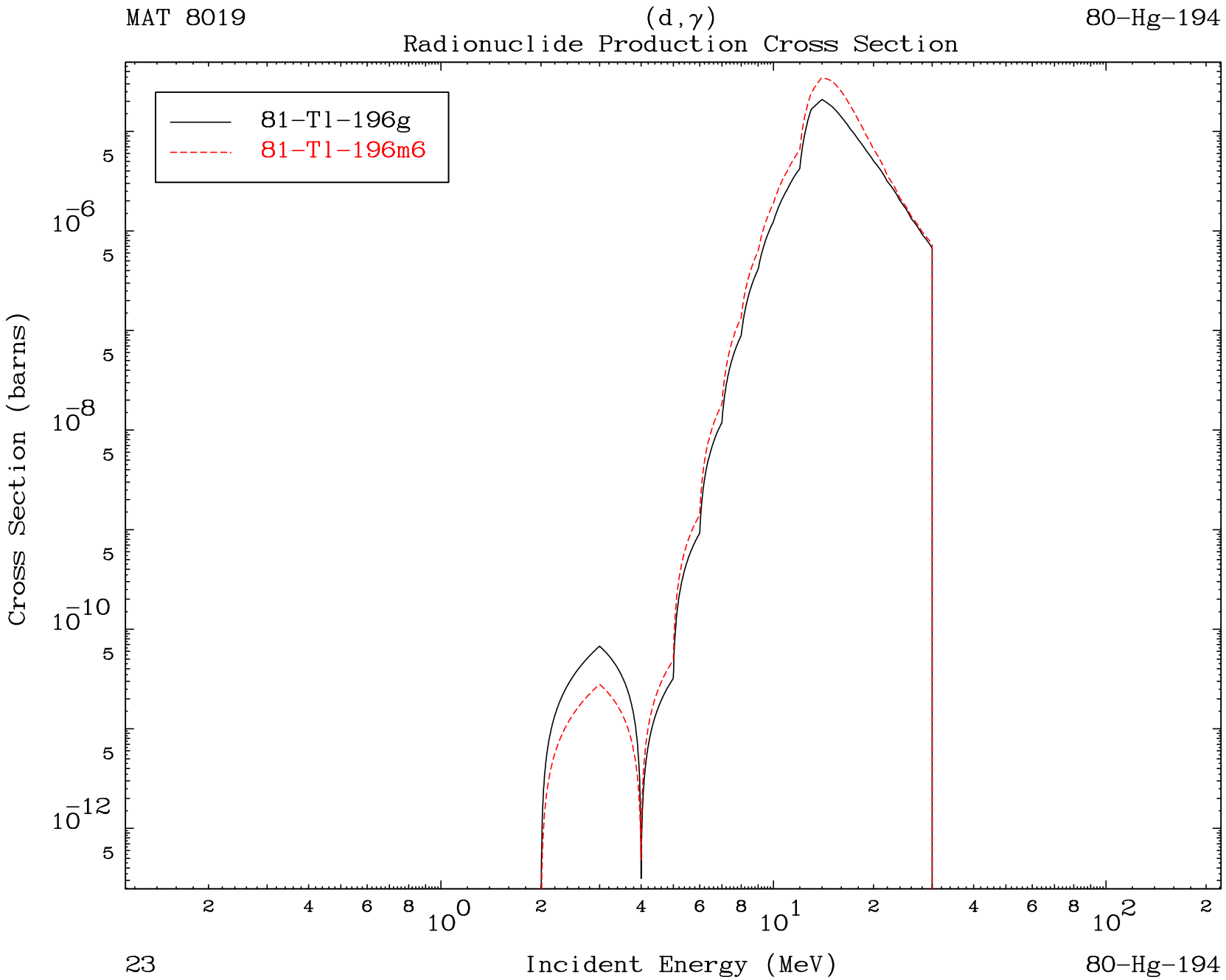

MAT 8019
(d,n') d
80-Hg-194
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
18
80-Hg-194

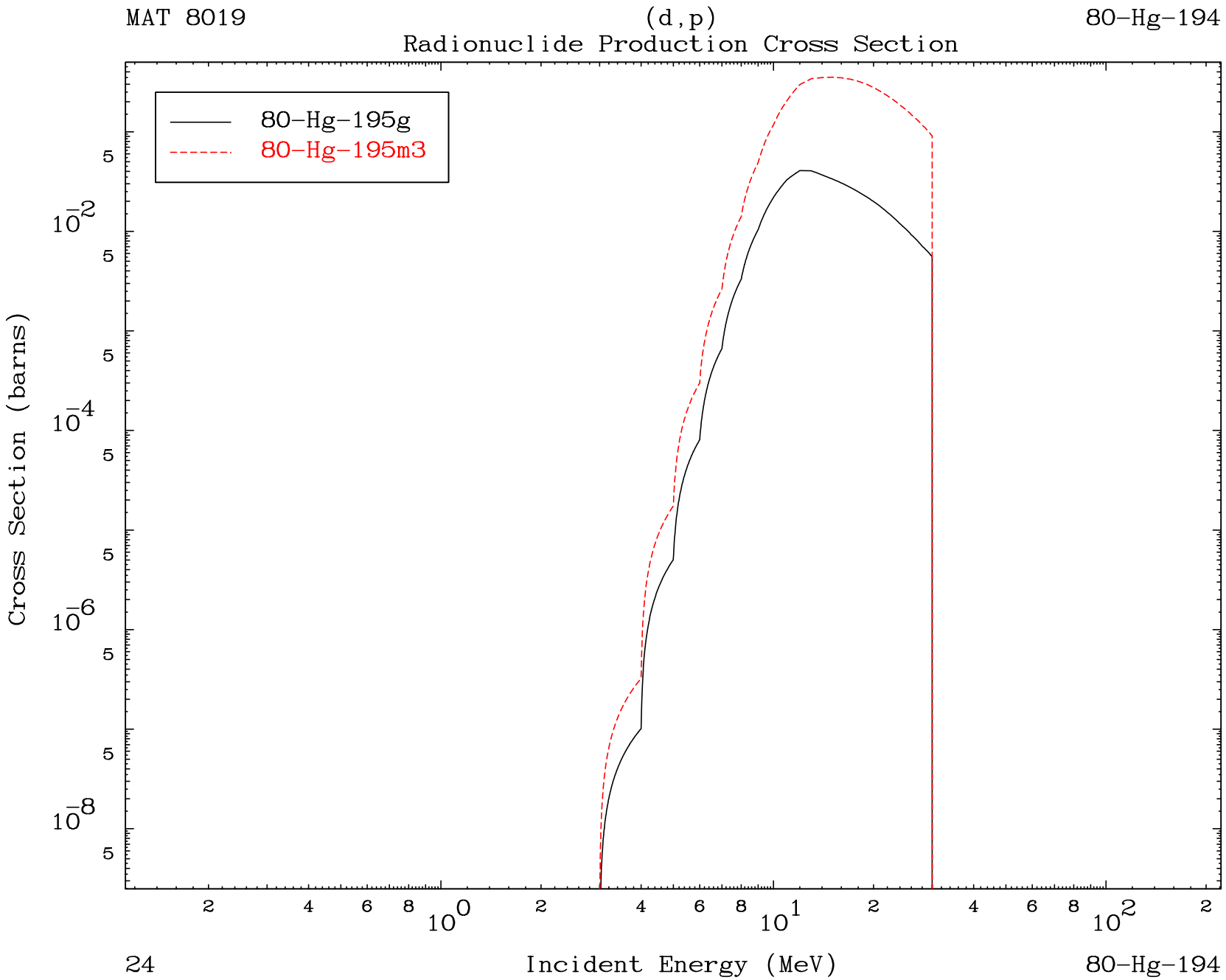

MAT 8019
(d,n') He-3
80-Hg-194
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
80-Hg-194

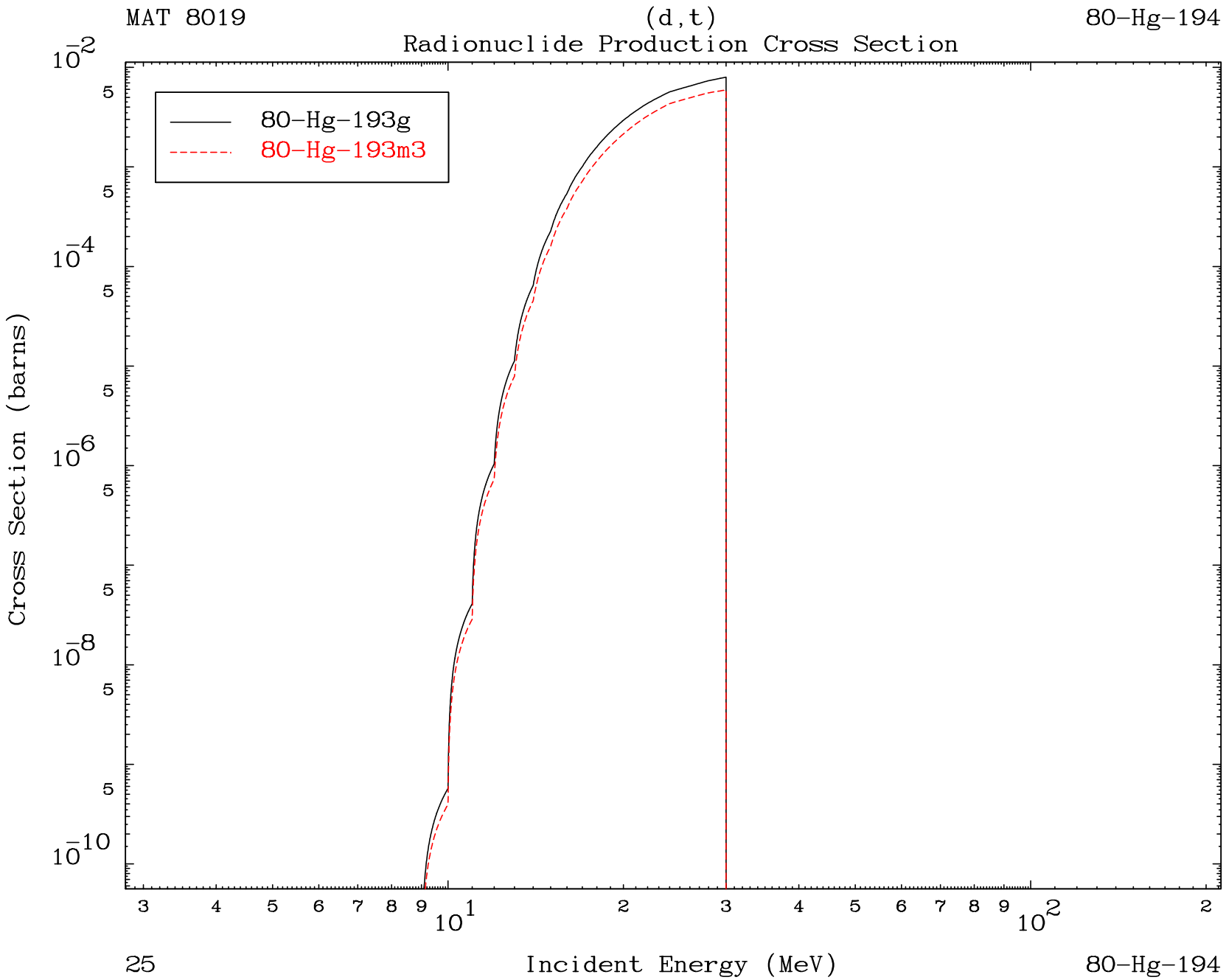

MAT 8019
(d,4n)
80-Hg-194
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
80-Hg-194

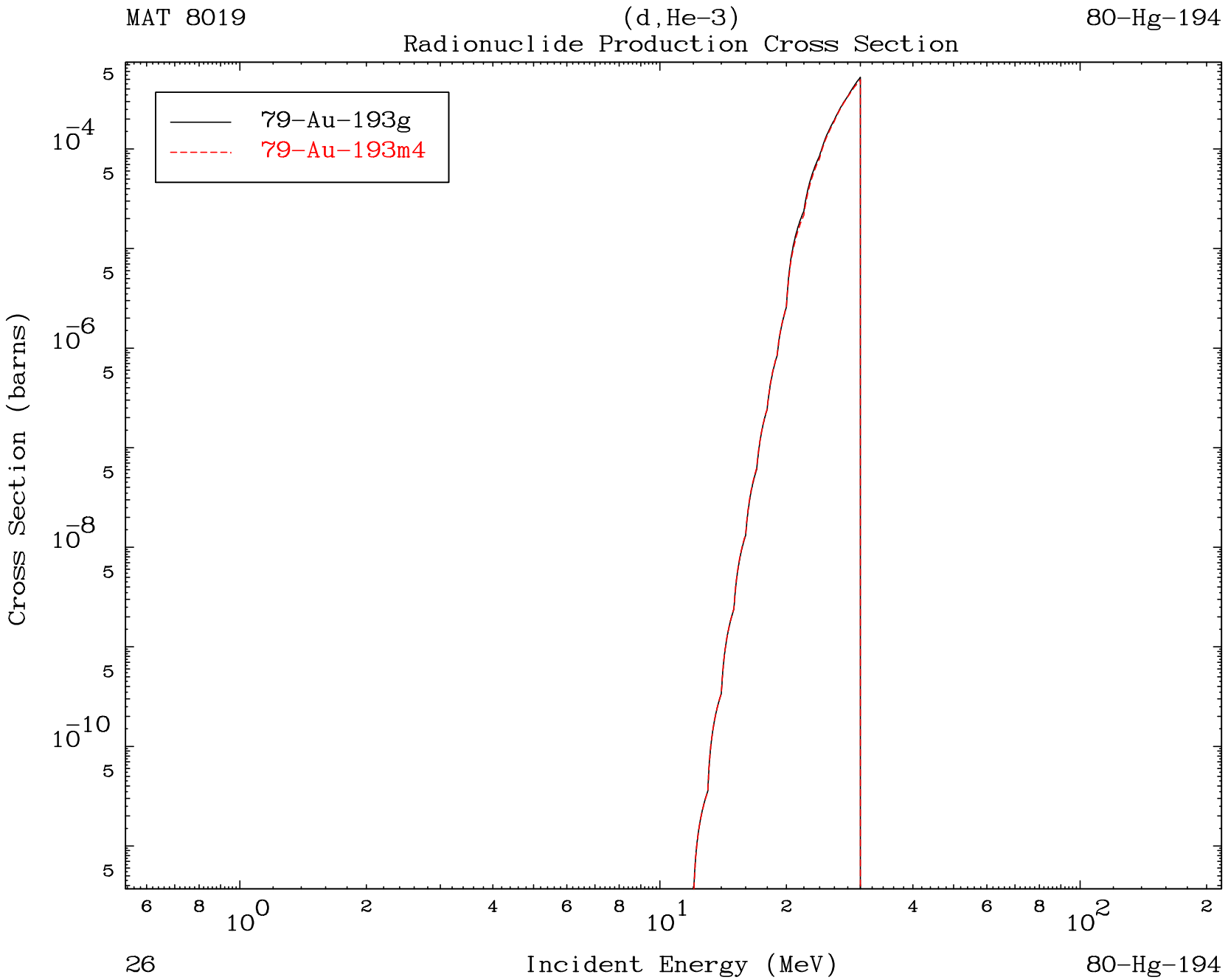

MAT 8019
(d,2n) p
80-Hg-194
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
21
80-Hg-194

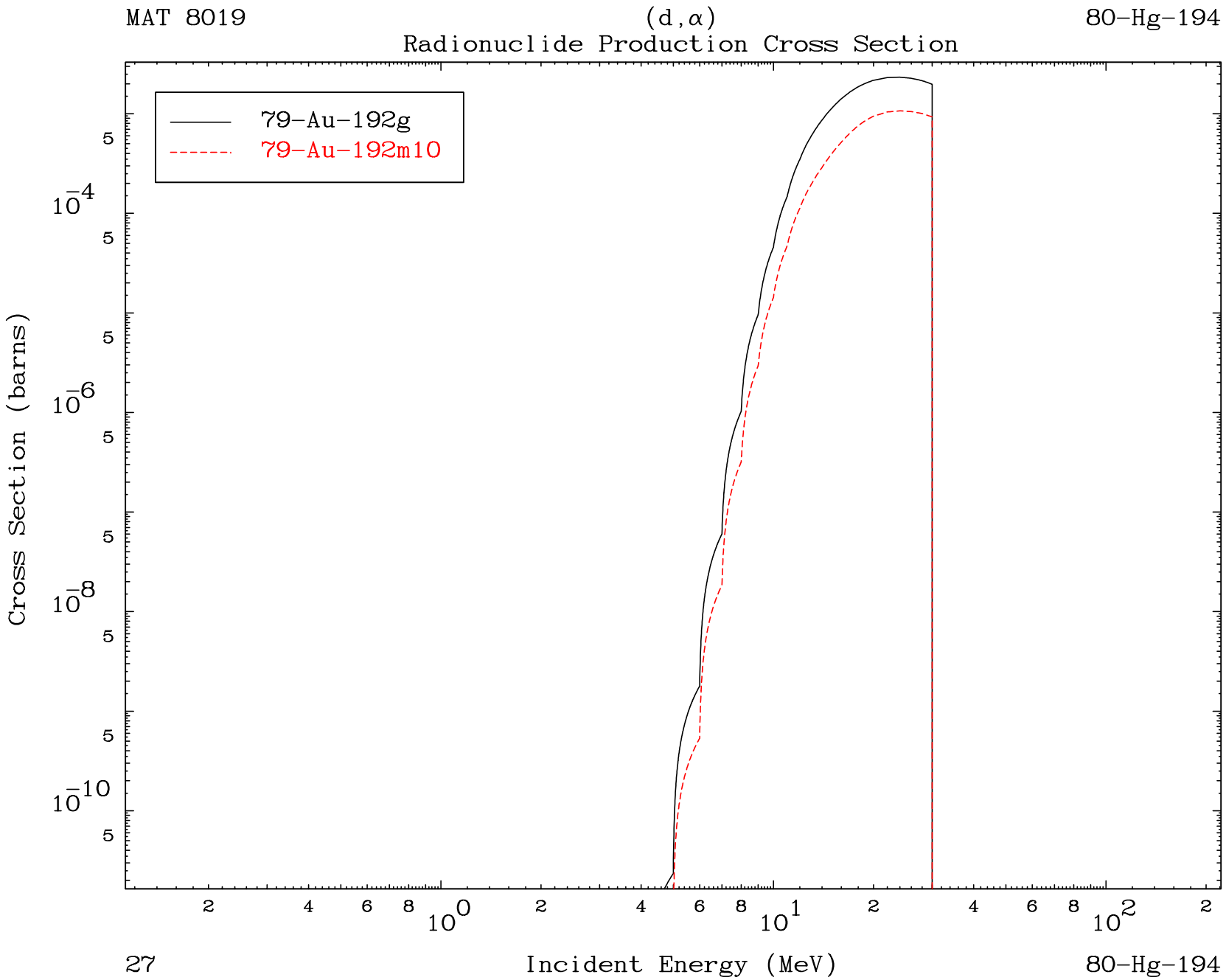

MAT 8019
(d,2n) p
80-Hg-194
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
22
80-Hg-194

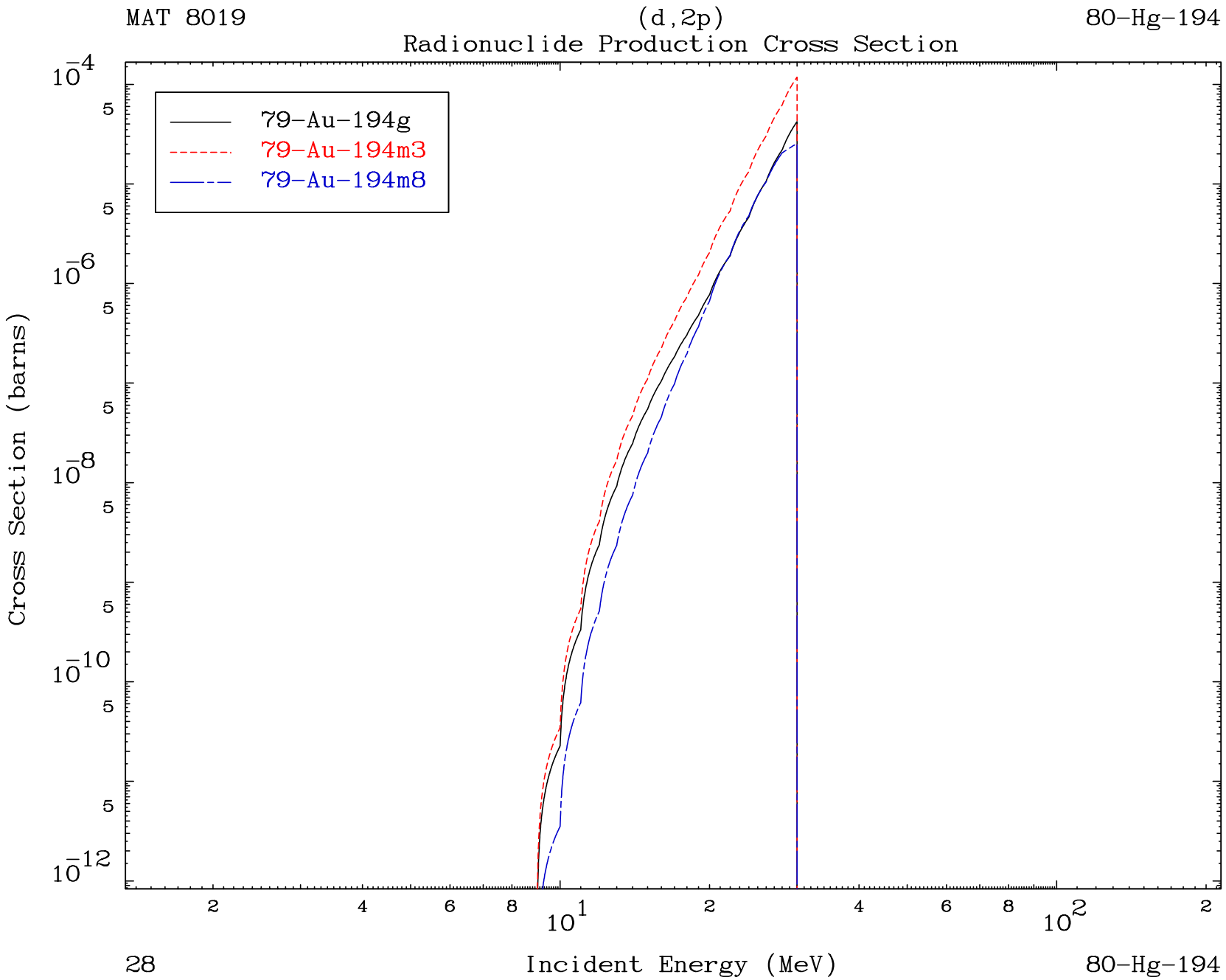

MAT 8019
(d,γ)
80-Hg-194
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
10-6
10-8
10-10
10-12
100
101
102
Incident Energy (MeV)
23
80-Hg-194

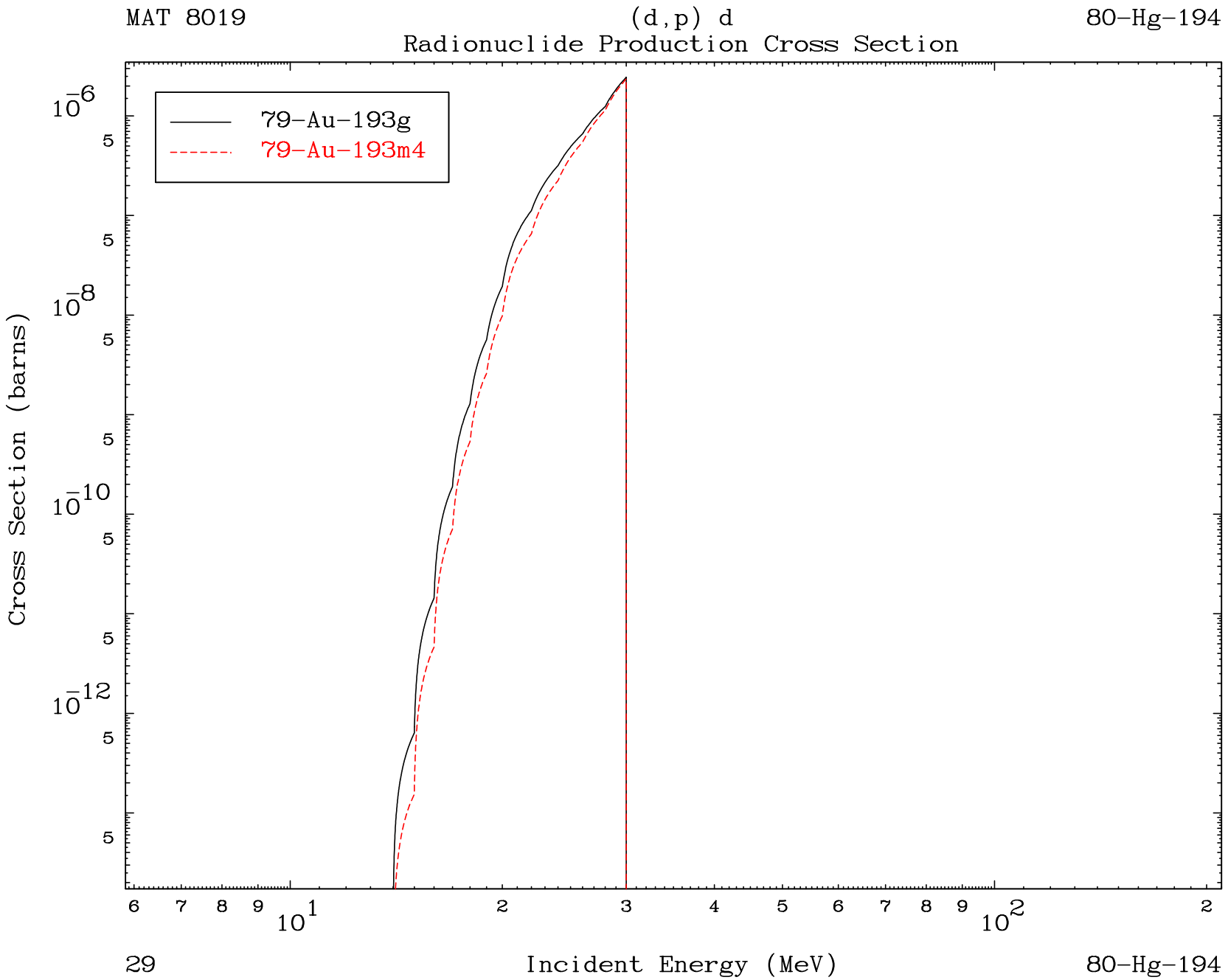

MAT 8019
(d,p)
80-Hg-194
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
24
80-Hg-194

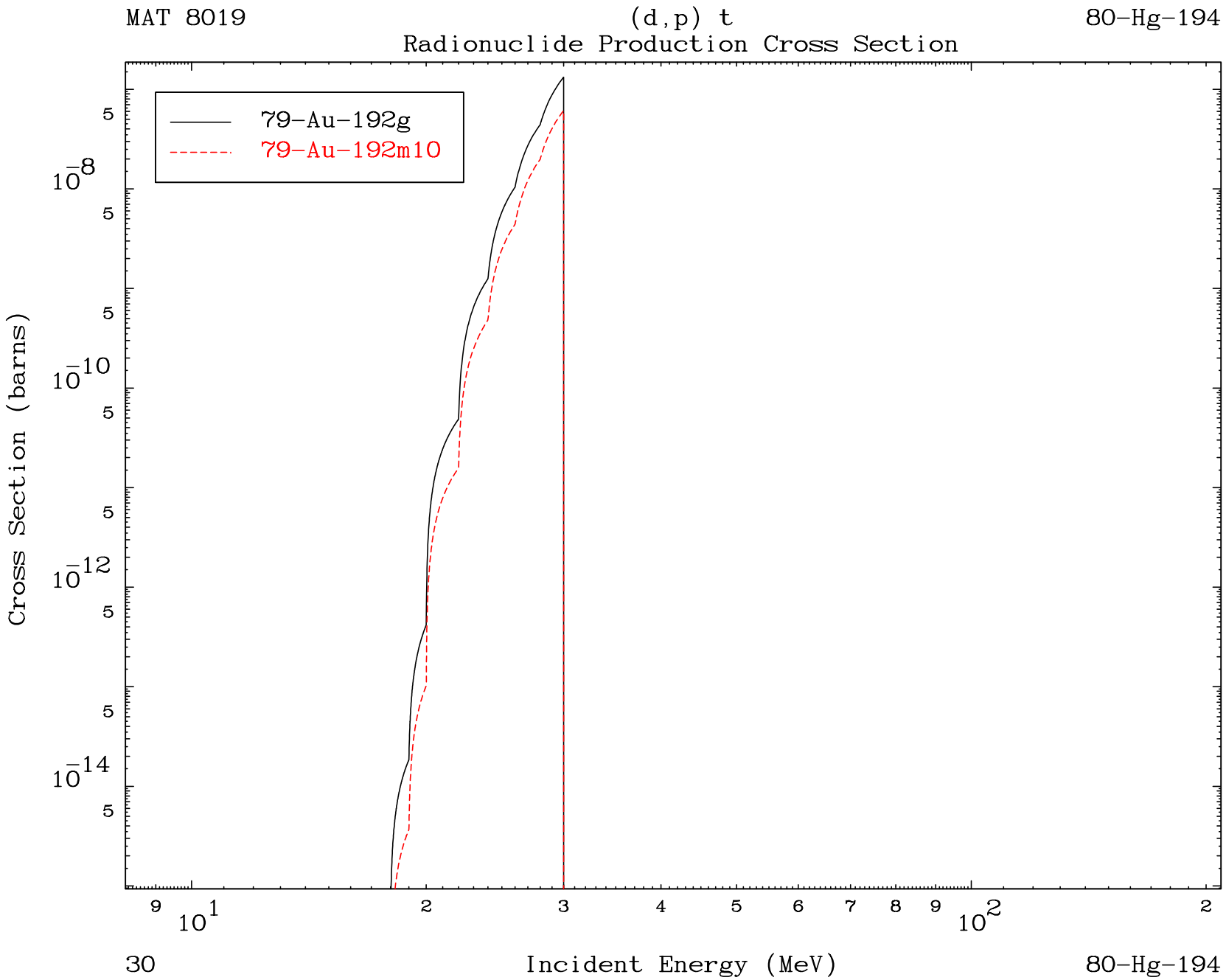

MAT 8019
(d,t)
80-Hg-194
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-194


MAT 8019
(d,He-3)
80-Hg-194
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-194


MAT 8019
(d,α)
80-Hg-194
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
27
80-Hg-194


MAT 8019
(d,2p)
80-Hg-194
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
28
80-Hg-194


MAT 8019
(d,p) d
80-Hg-194
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-194


MAT 8019
(d,p) t
80-Hg-194
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m10
Cross Section (barns)
Incident Energy (MeV)
30
80-Hg-194