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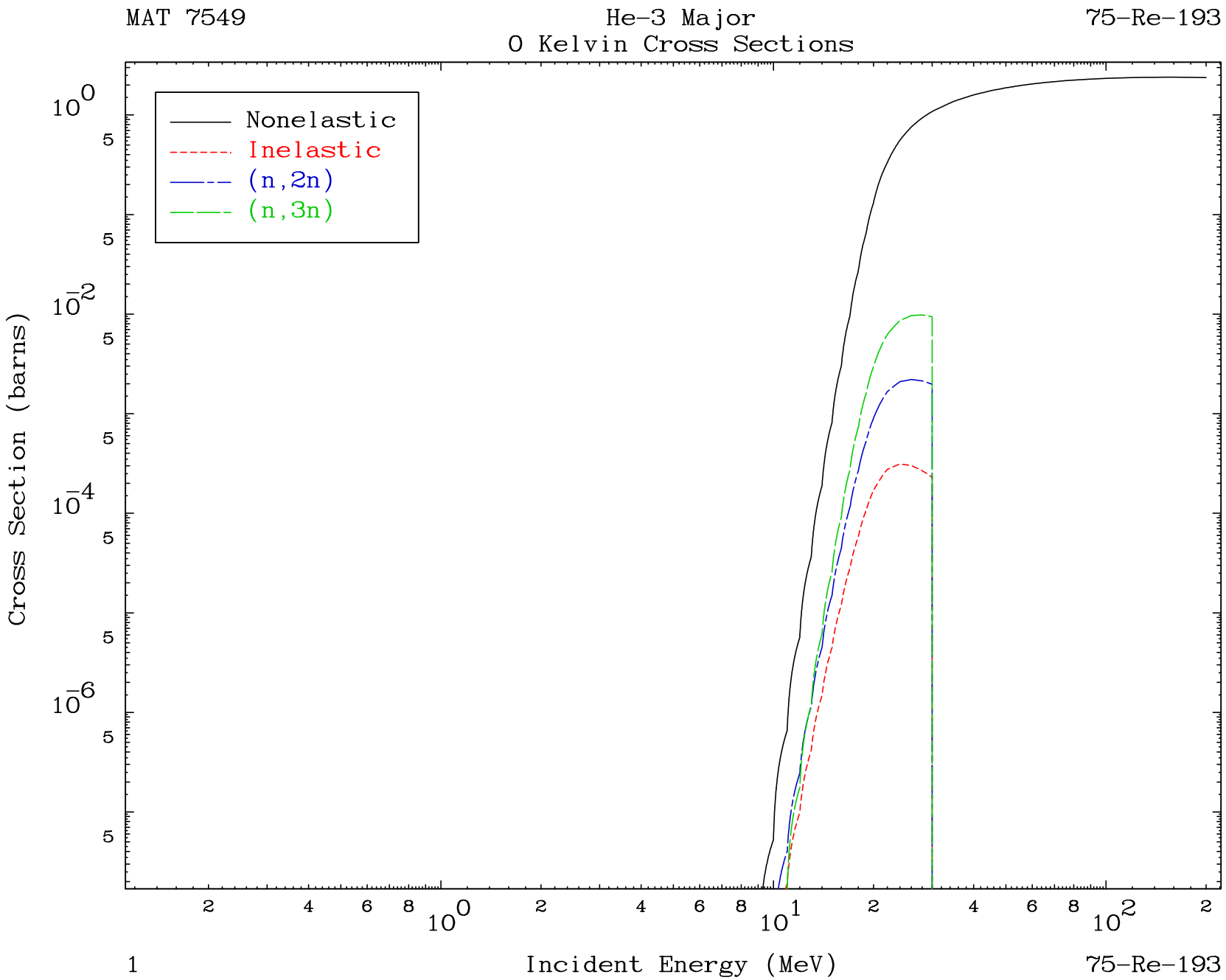
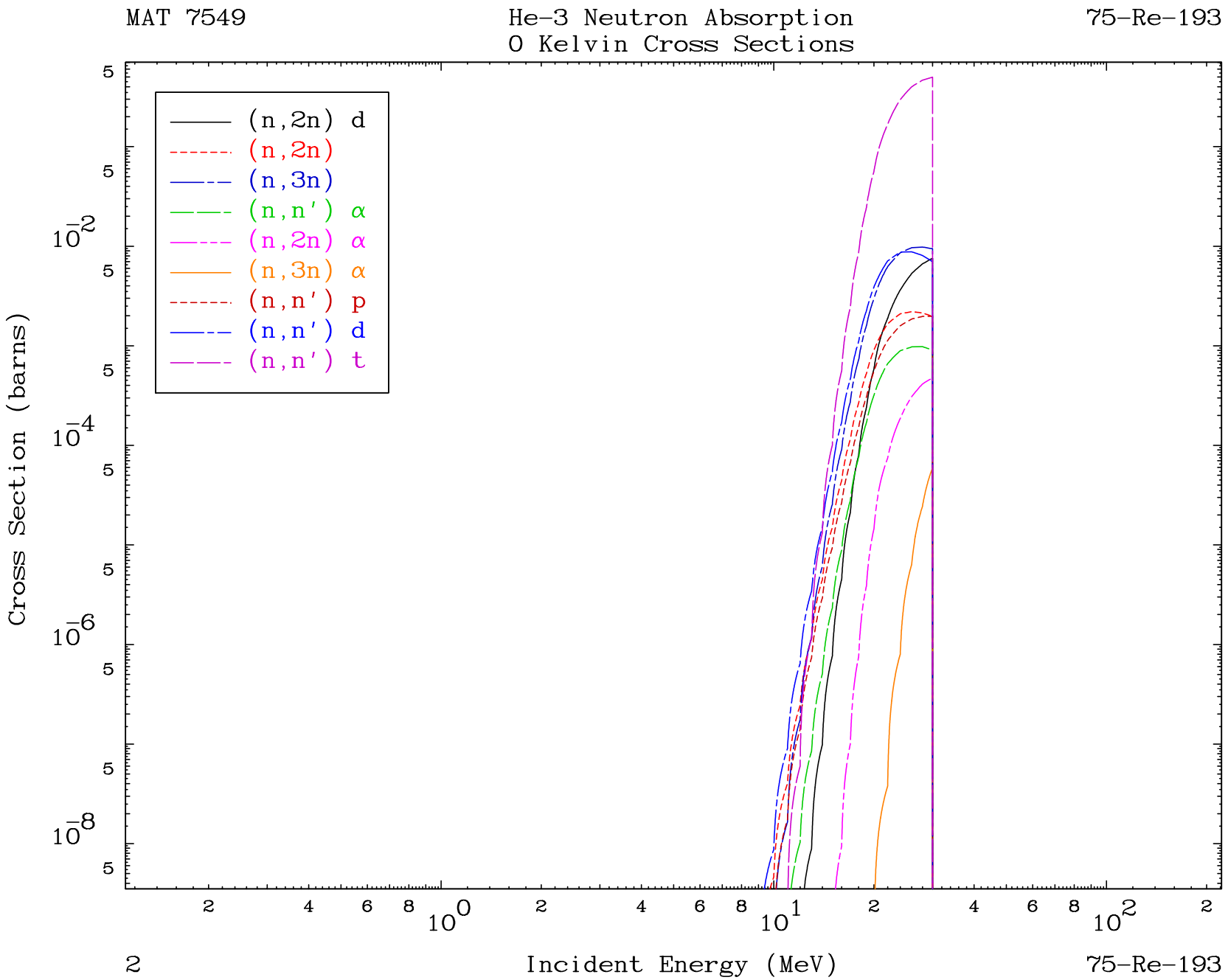
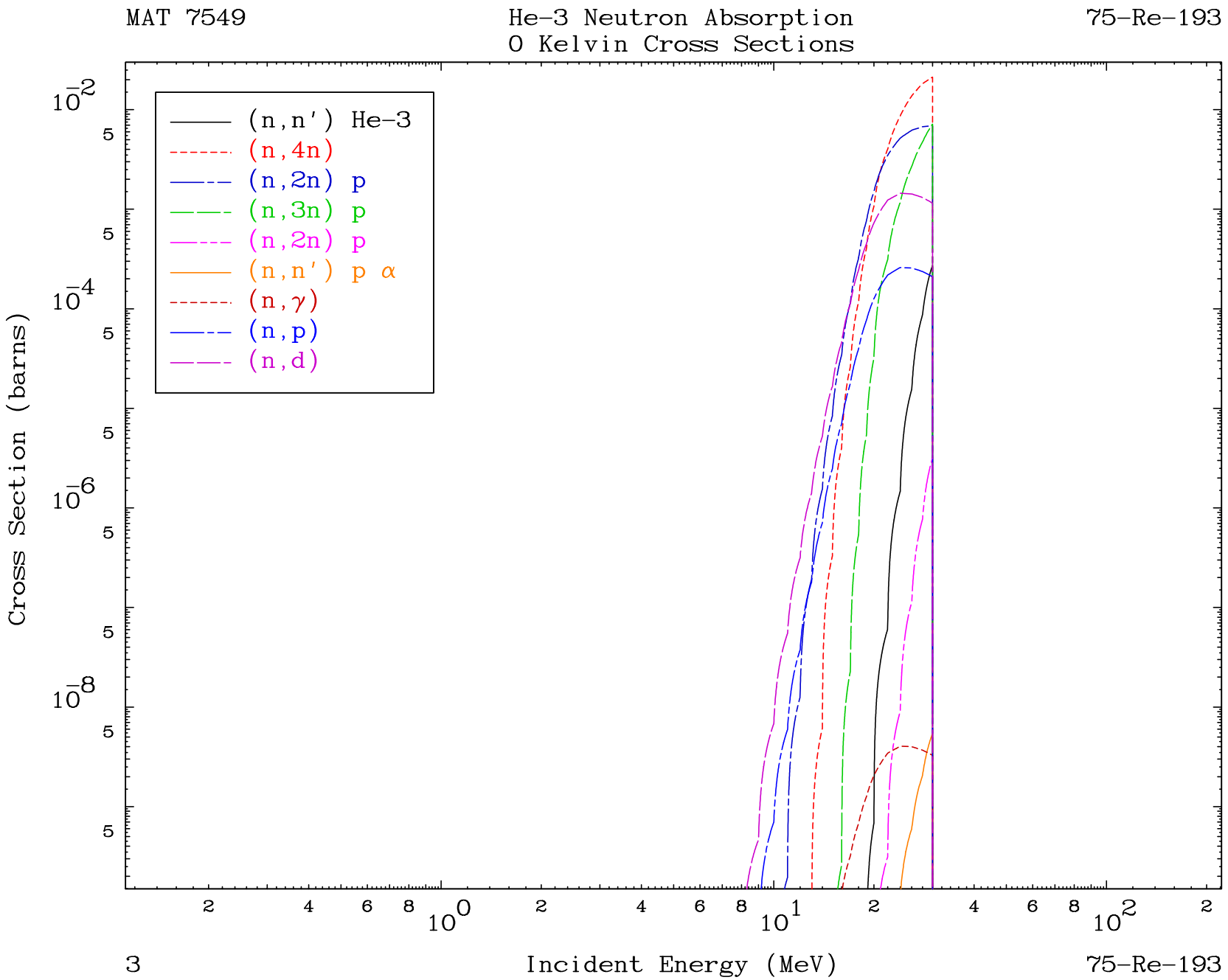
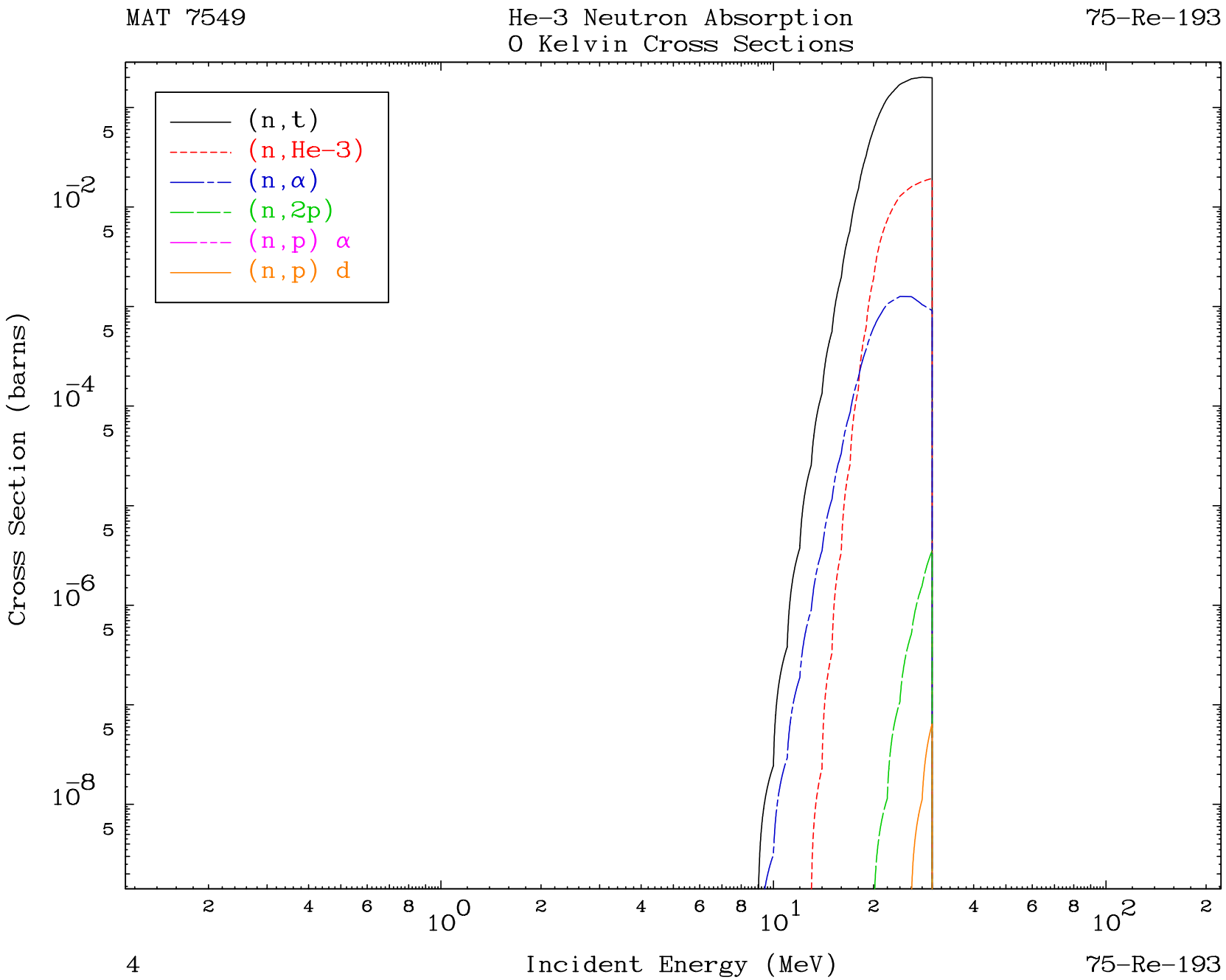
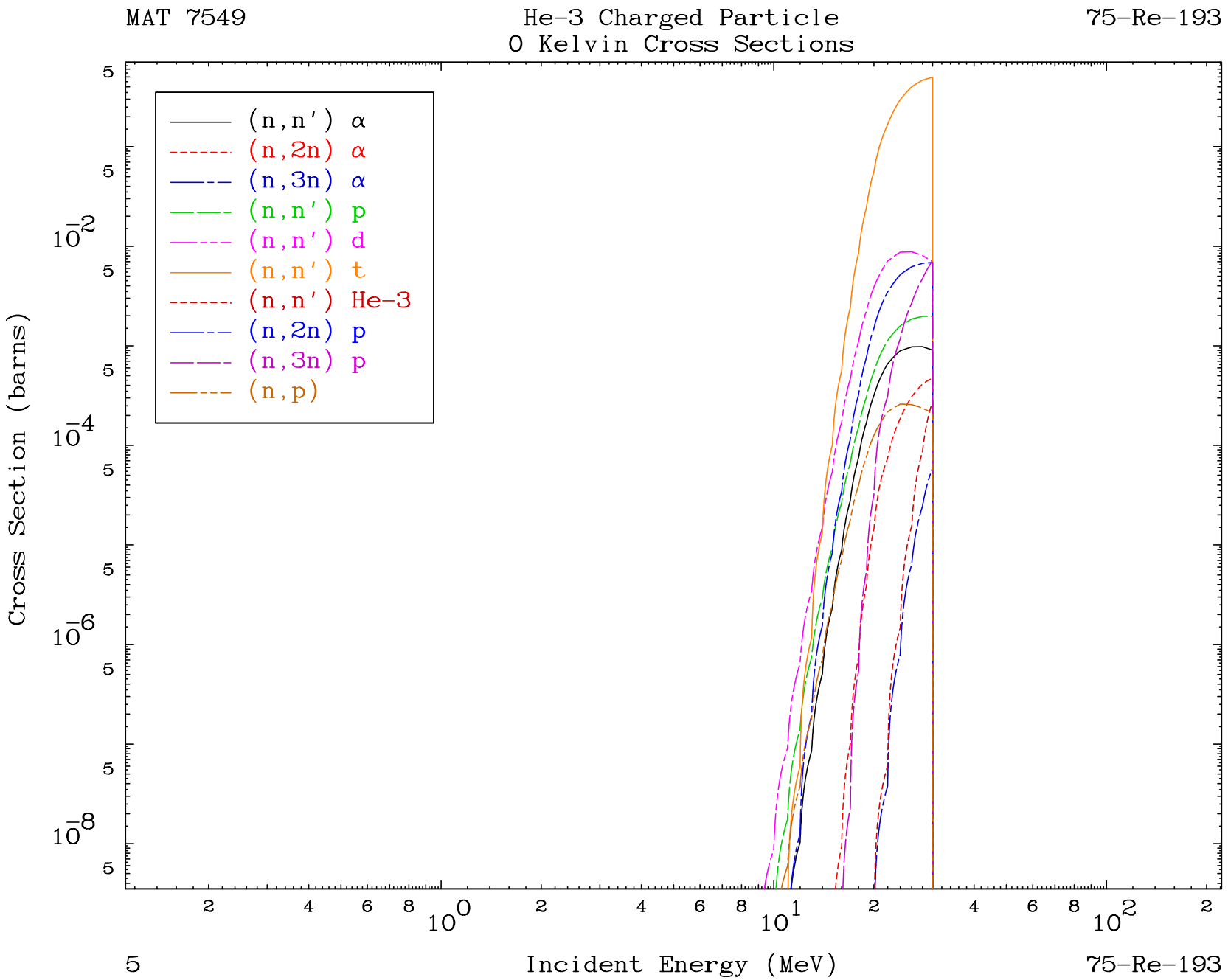
Press Mouse Button to Start

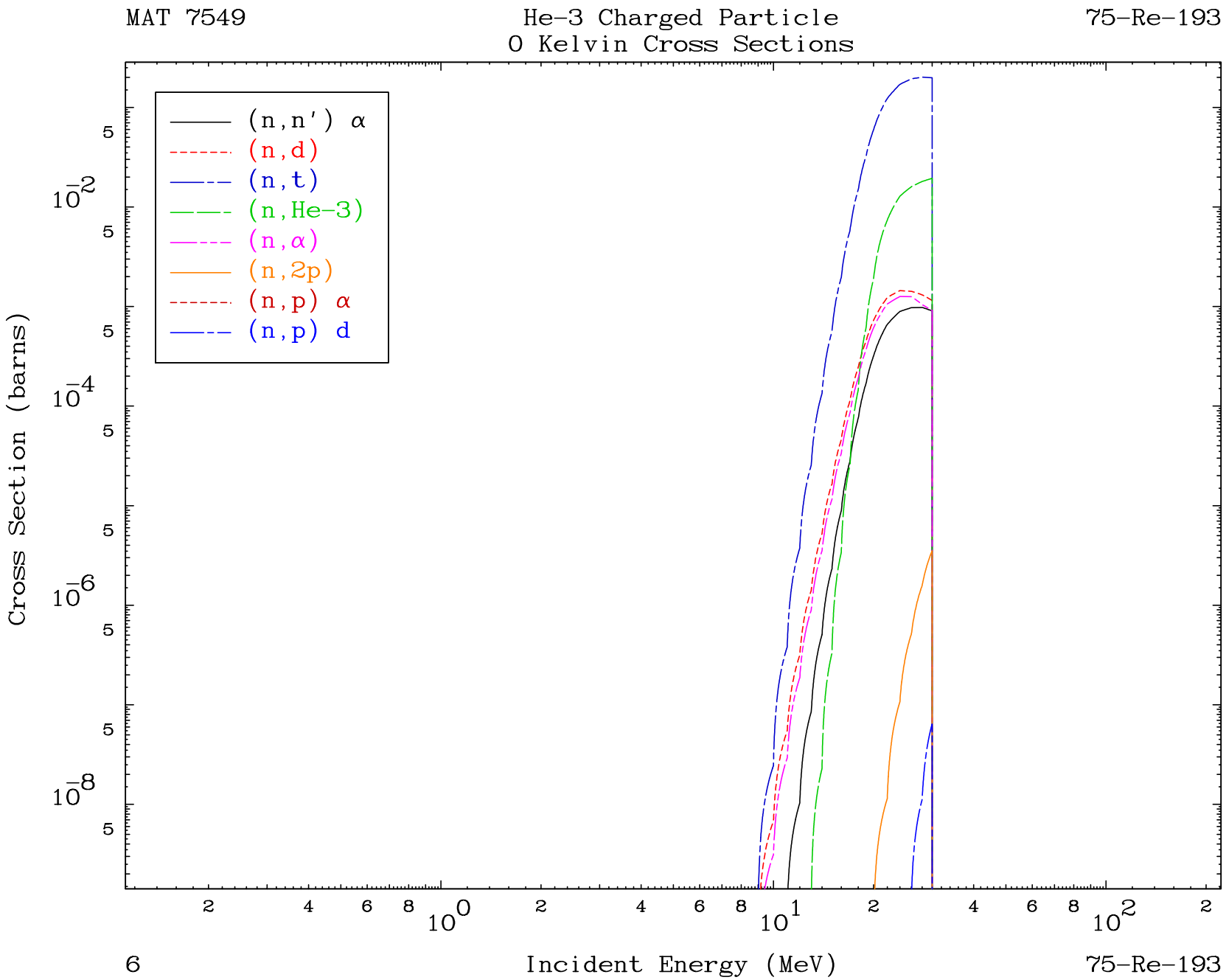

MAT 7549
He-3 Major
75-Re-193
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
75-Re-193
1

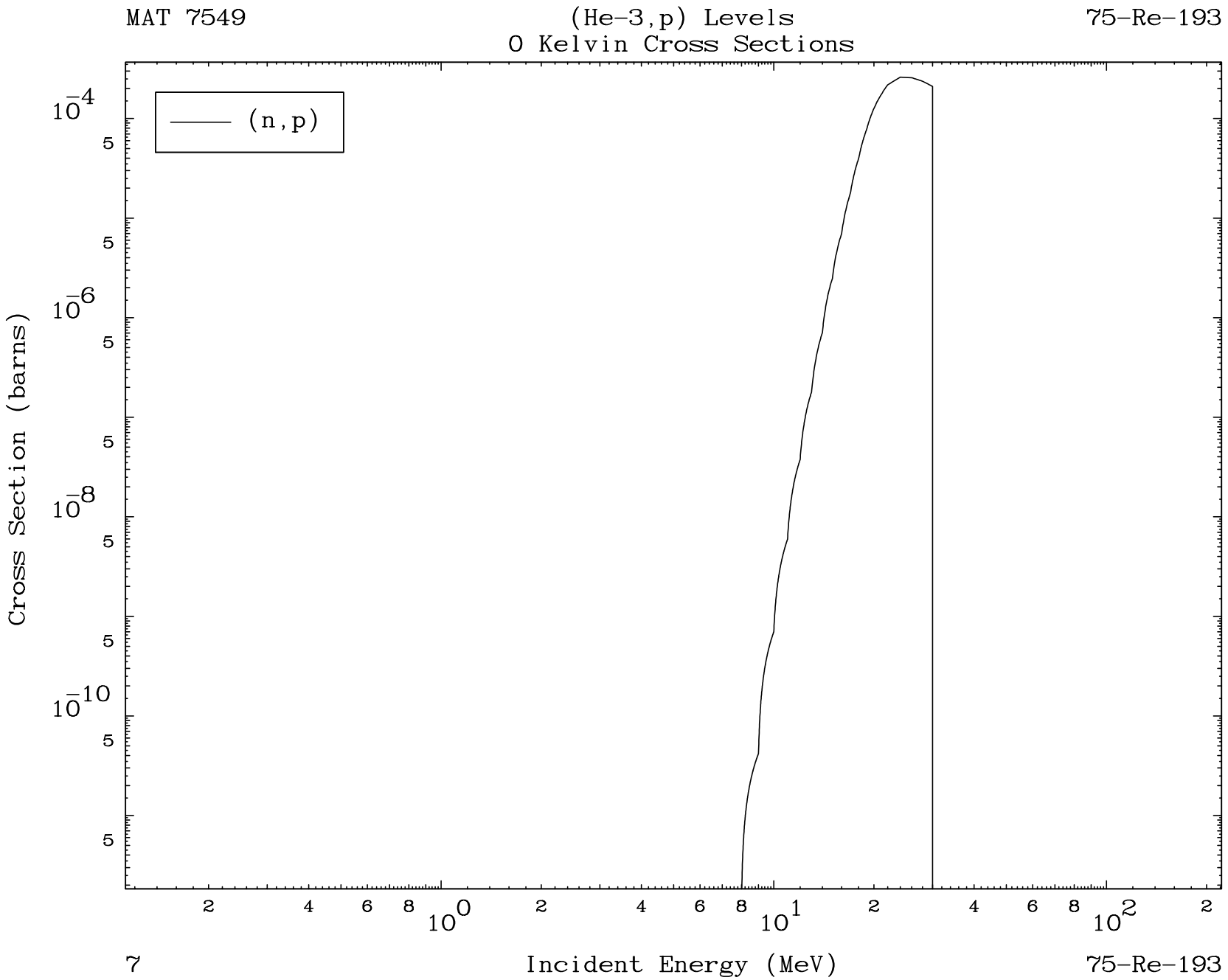

MAT 7549
He-3 Neutron Absorption
0 Kelvin Cross Sections
75-Re-193
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
75-Re-193
2

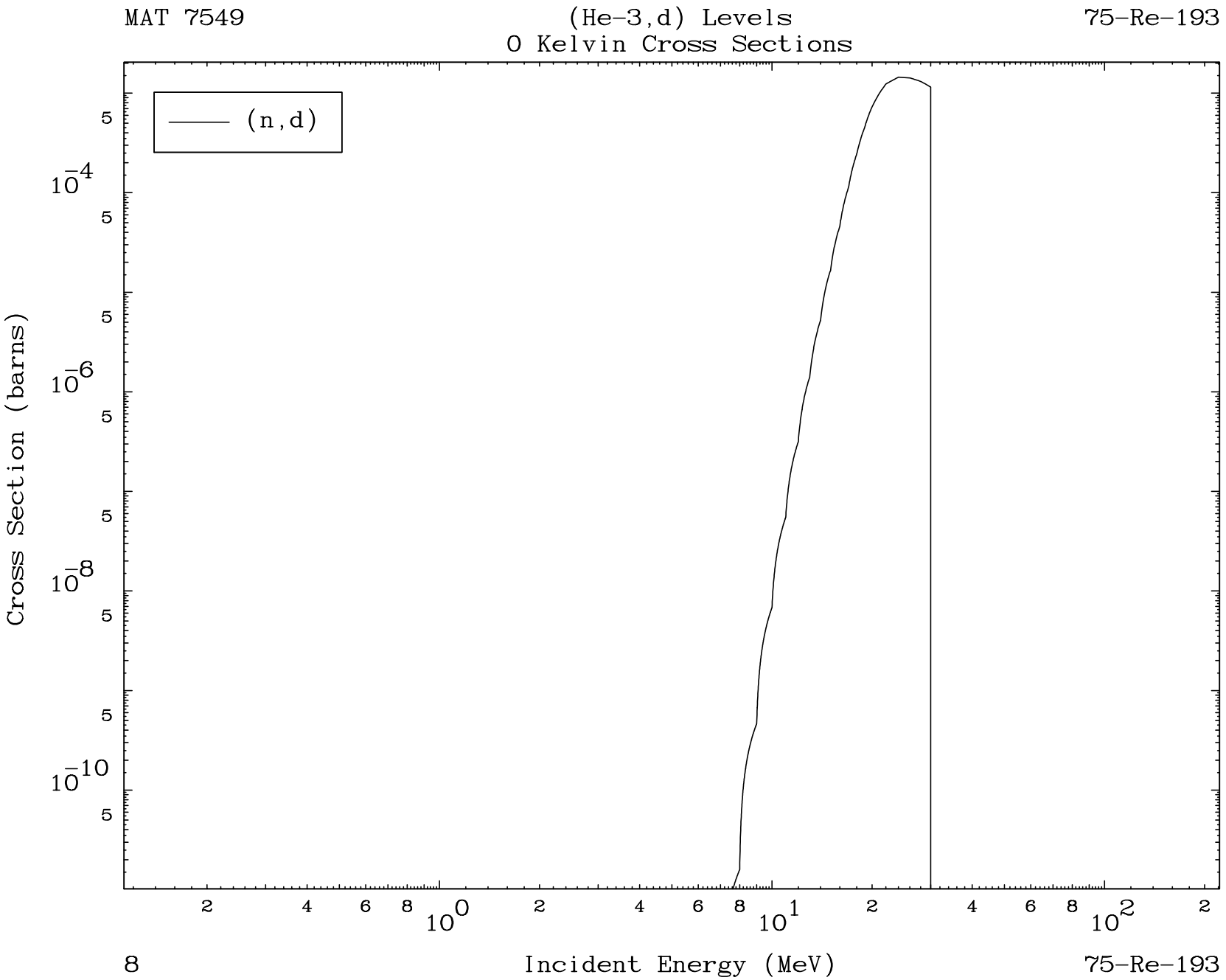

MAT 7549
He-3 Neutron Absorption
0 Kelvin Cross Sections
75-Re-193
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
75-Re-193

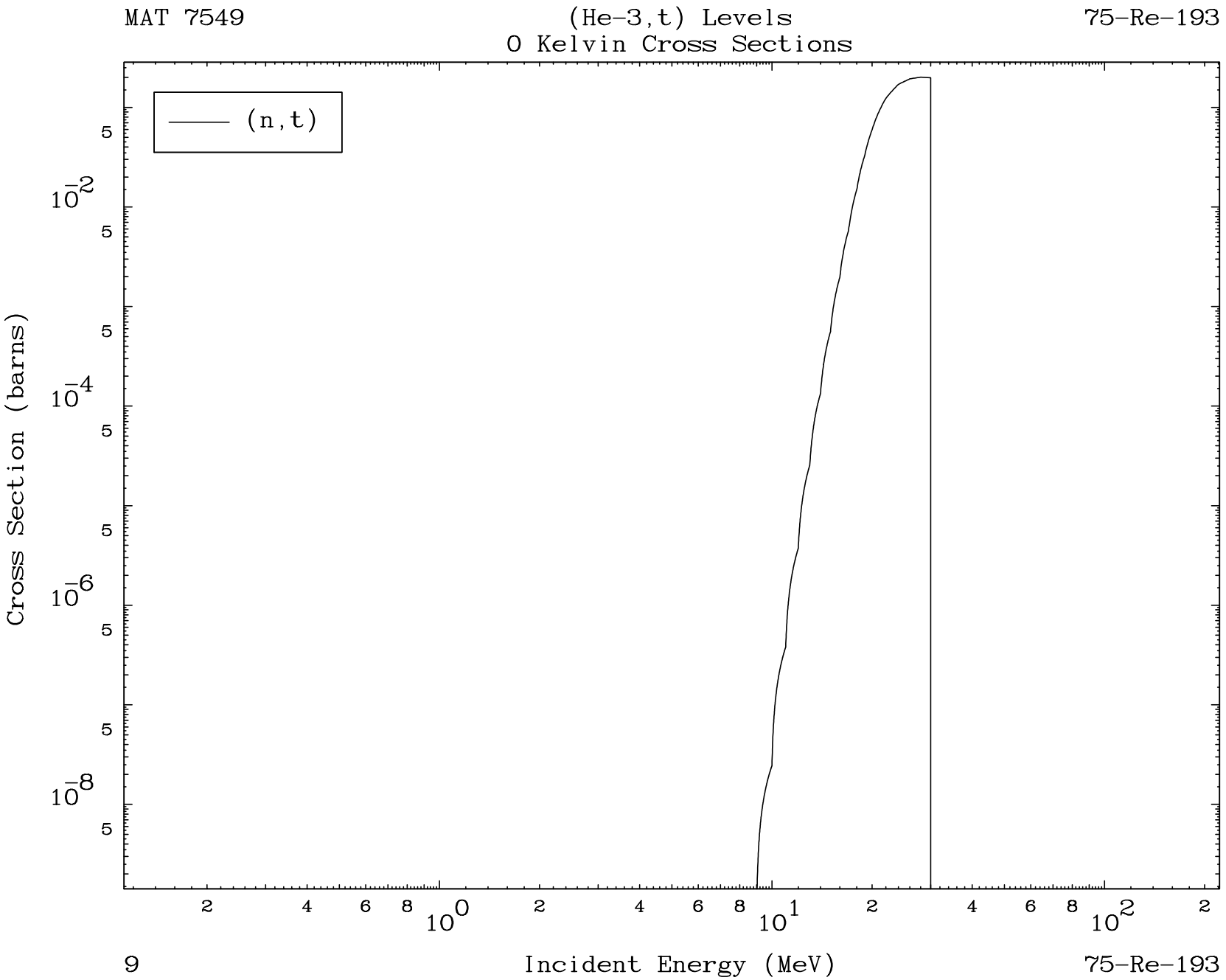

MAT 7549
He-3 Neutron Absorption
0 Kelvin Cross Sections
75-Re-193
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
4
75-Re-193

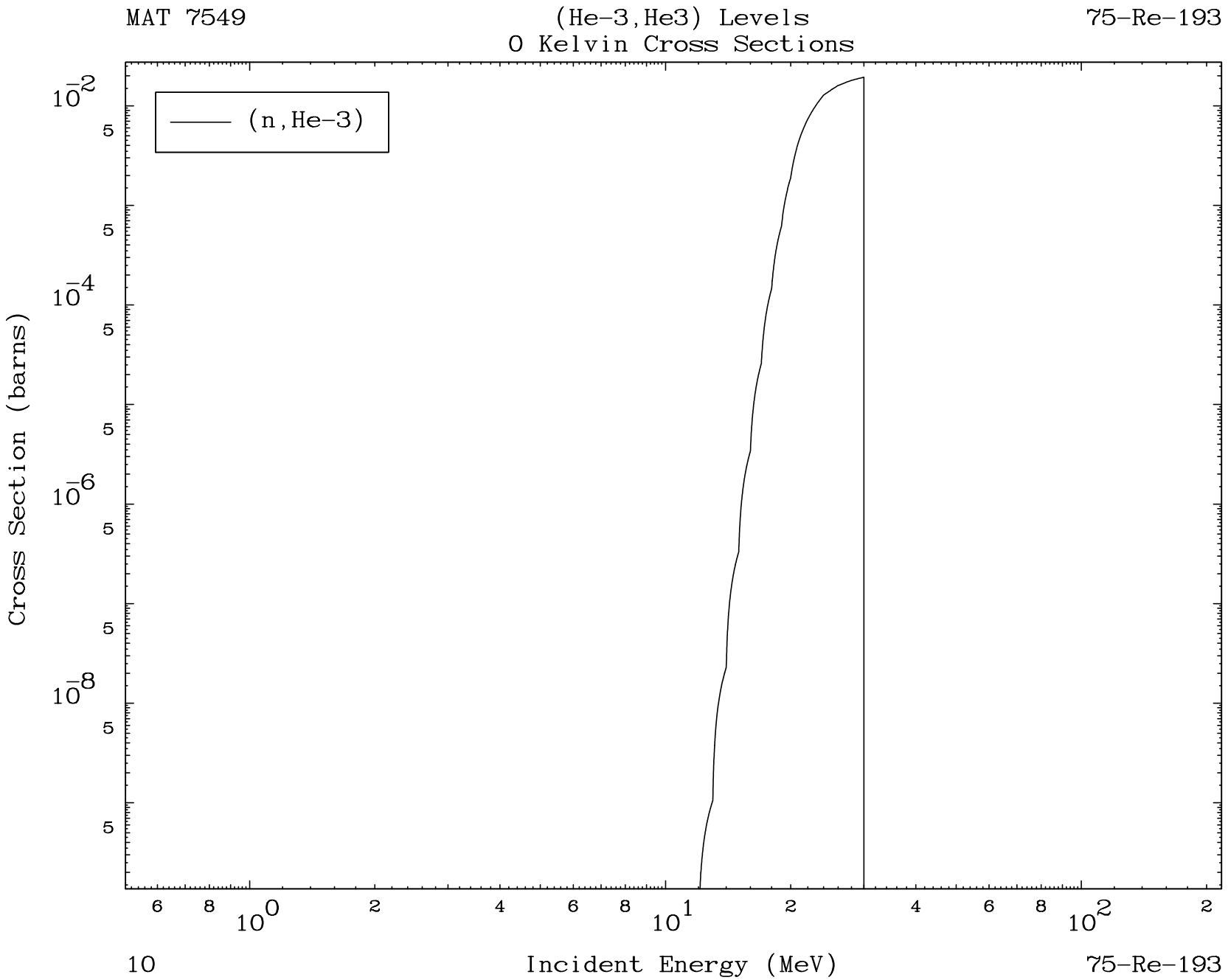

MAT 7549
He-3 Charged Particle
0 Kelvin Cross Sections
75-Re-193
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
75-Re-193

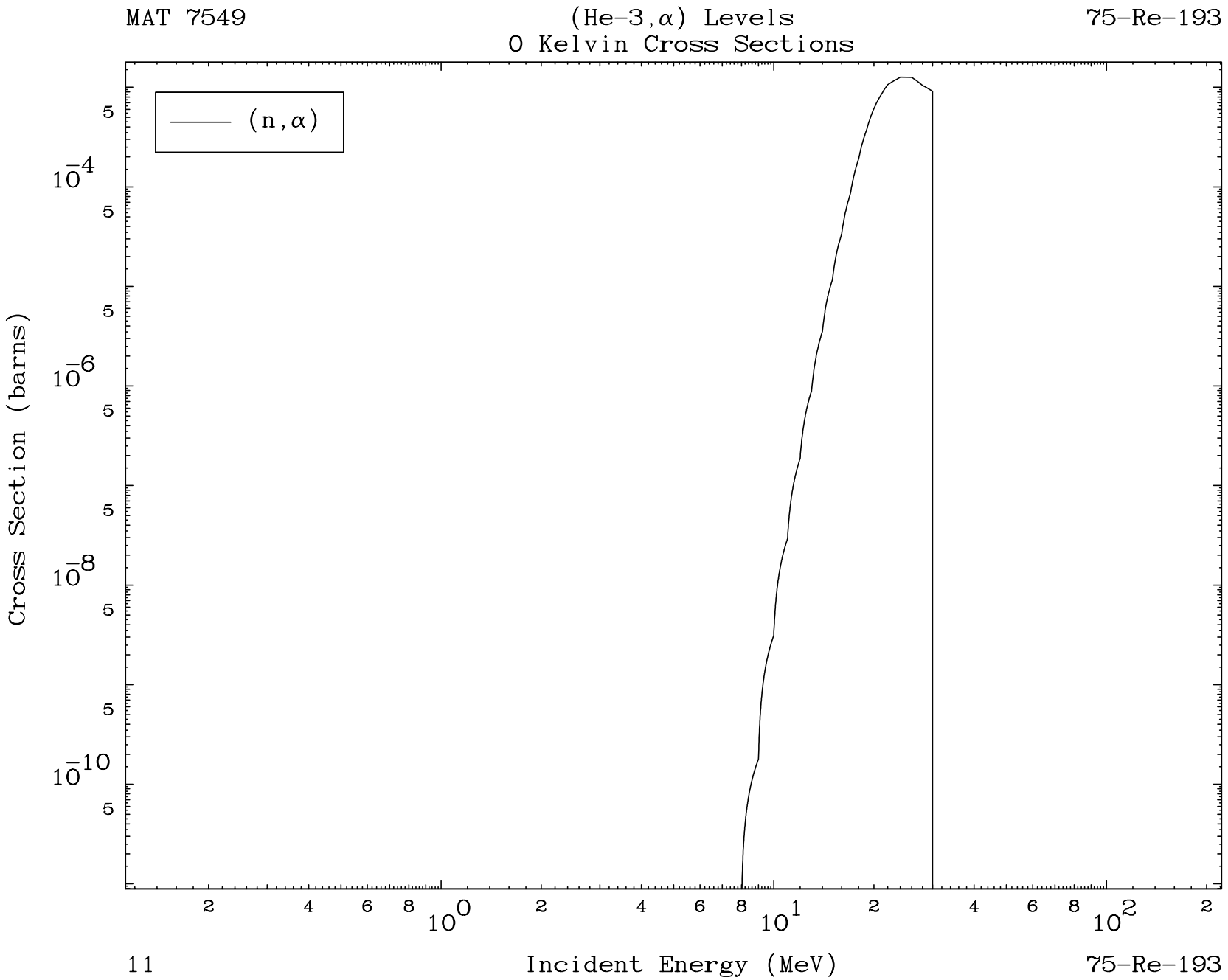

MAT 7549
He-3 Charged Particle
0 Kelvin Cross Sections
75-Re-193
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
6
75-Re-193

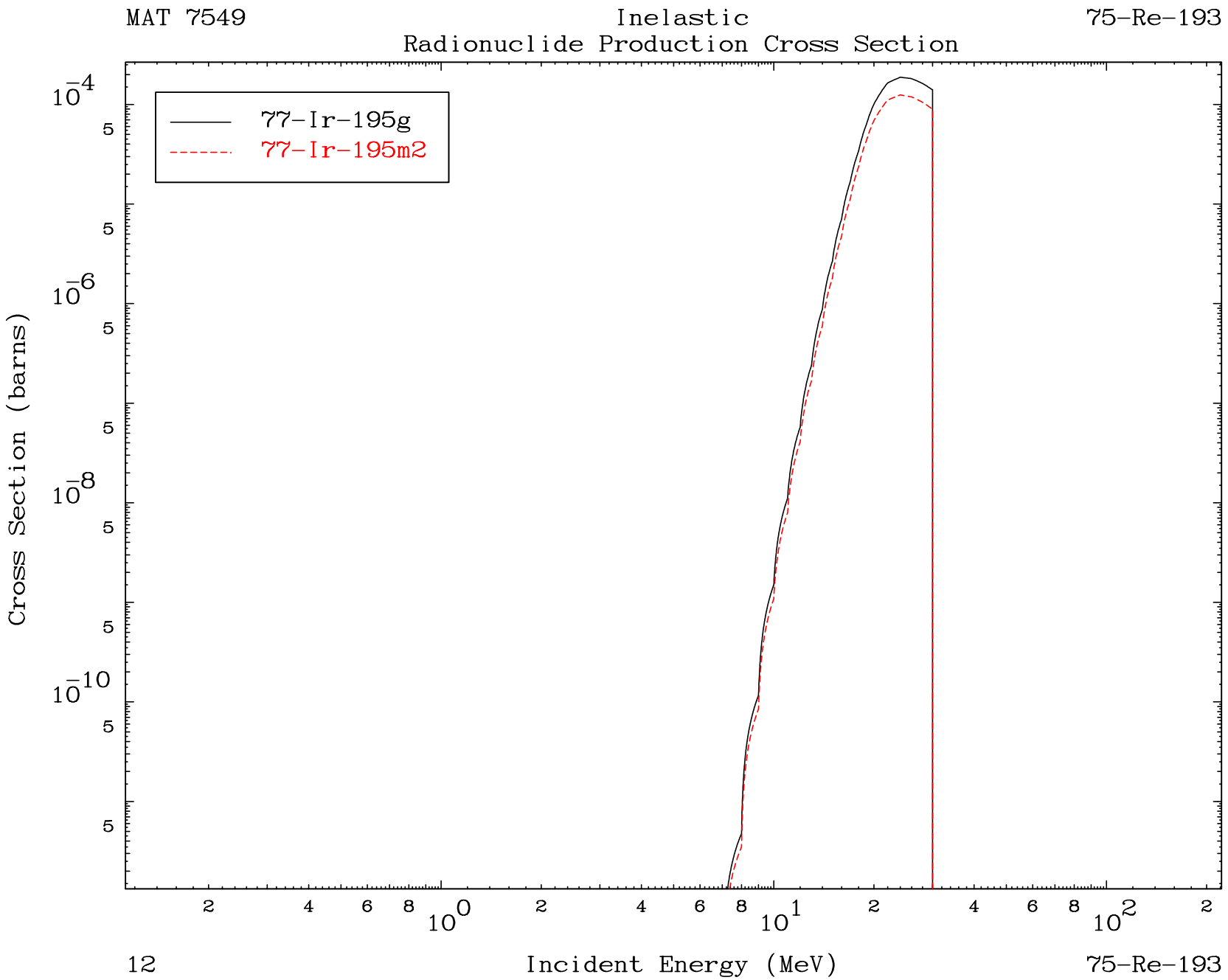

MAT 7549
(He-3,p) Levels
0 Kelvin Cross Sections
75-Re-193
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^0
10^1
10^2
7
75-Re-193

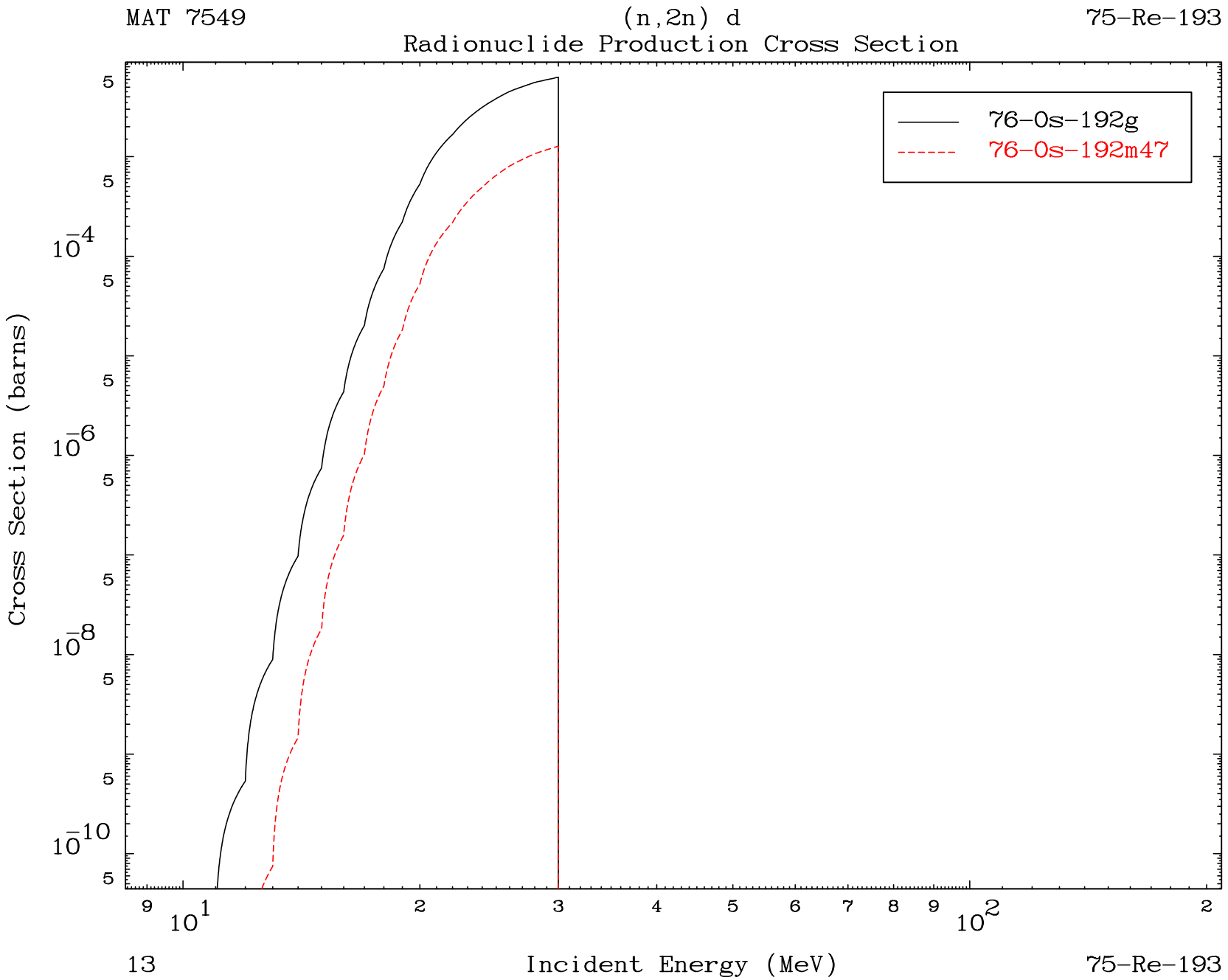

MAT 7549
(He-3,d) Levels
0 Kelvin Cross Sections
75-Re-193
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
8
75-Re-193

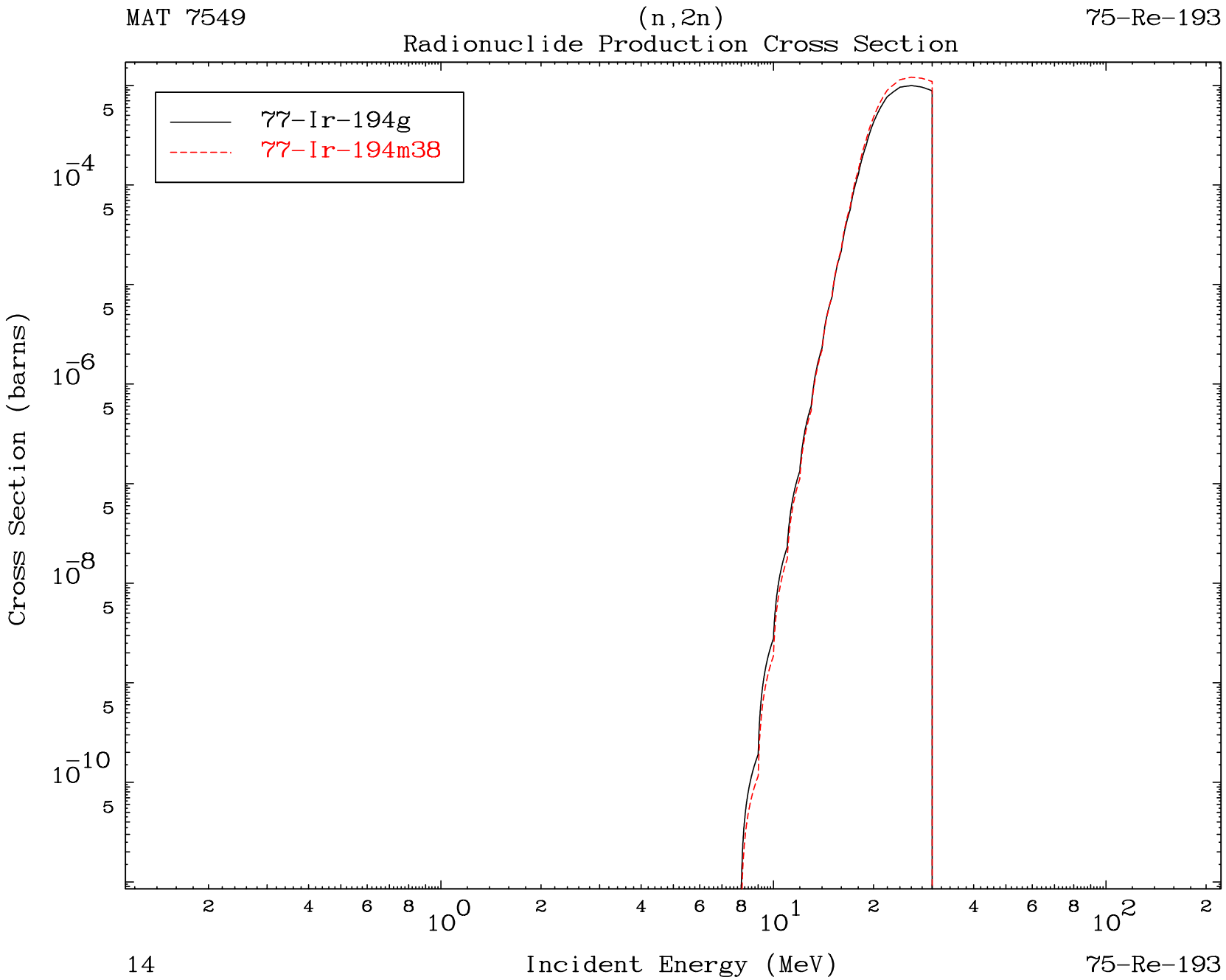

MAT 7549
(He-3,t) Levels
75-Re-193
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
9
Incident Energy (MeV)
75-Re-193

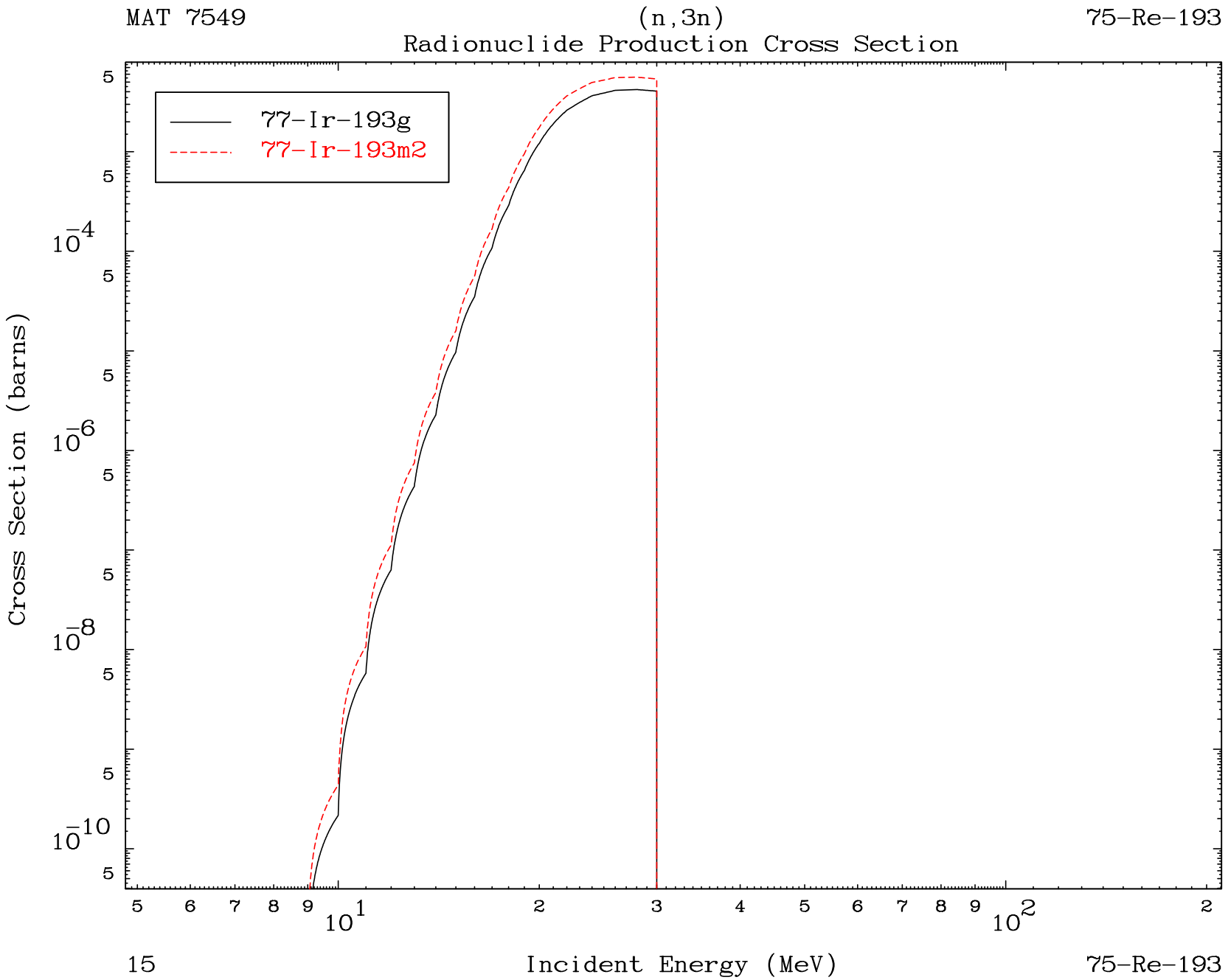

MAT 7549
(He-3,He3) Levels
75-Re-193
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
75-Re-193

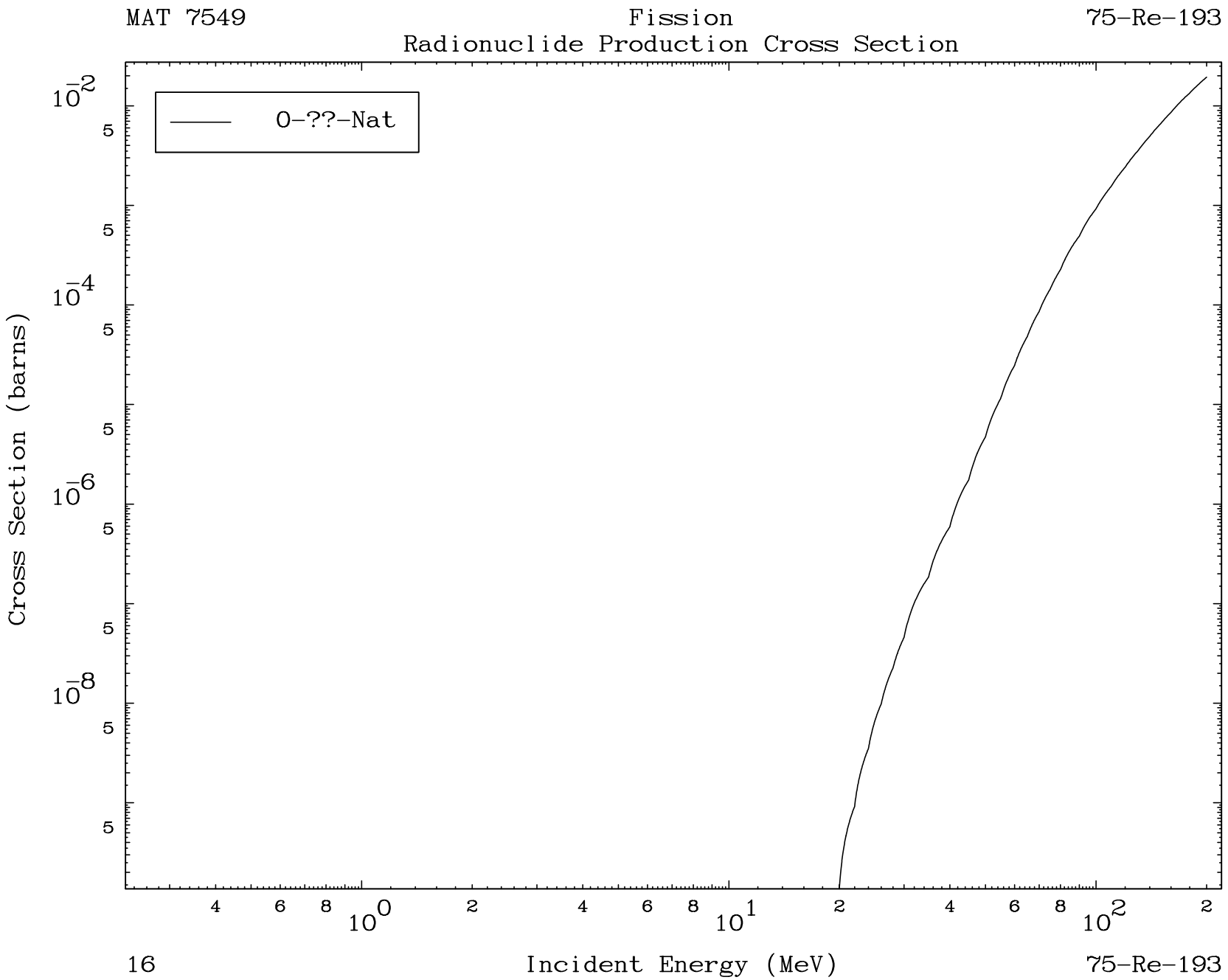

MAT 7549
(He-3,α) Levels
75-Re-193
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
75-Re-193

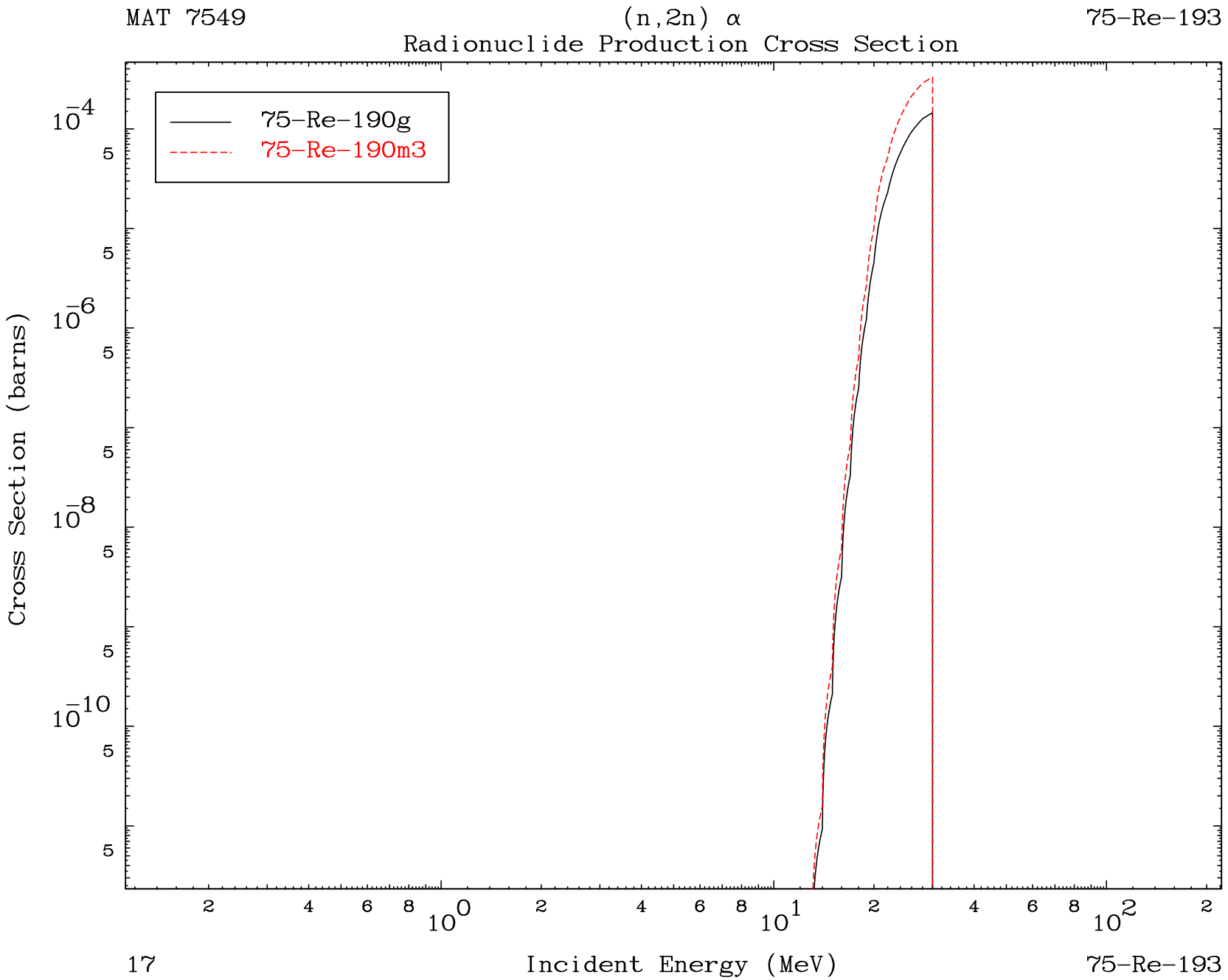

MAT 7549
Inelastic
75-Re-193
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
Incident Energy (MeV)
12
75-Re-193

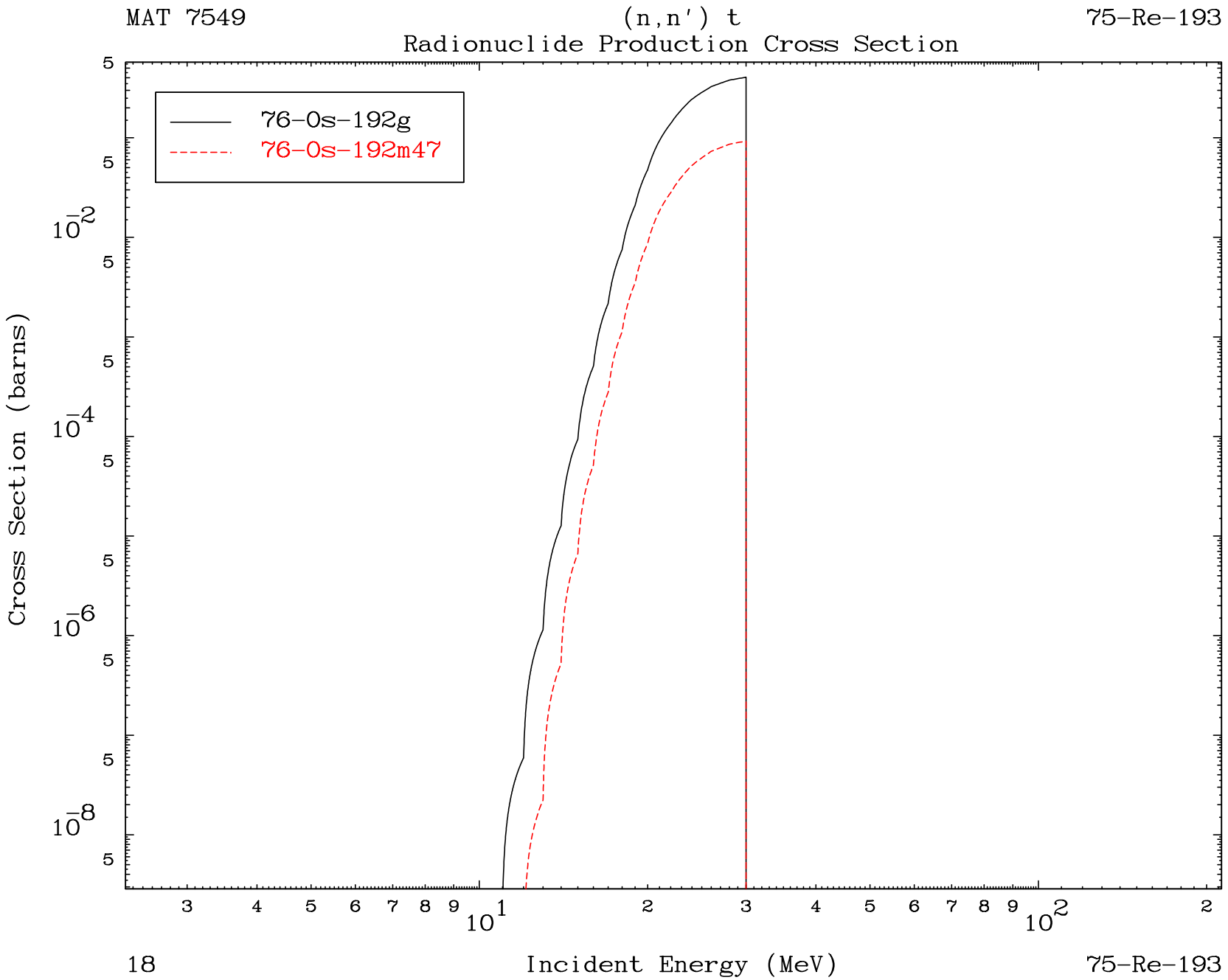

MAT 7549
(n,2n) d
75-Re-193
Radionuclide Production Cross Section
76-0s-192g
76-0s-192m47
Cross Section (barns)
Incident Energy (MeV)
13
75-Re-193

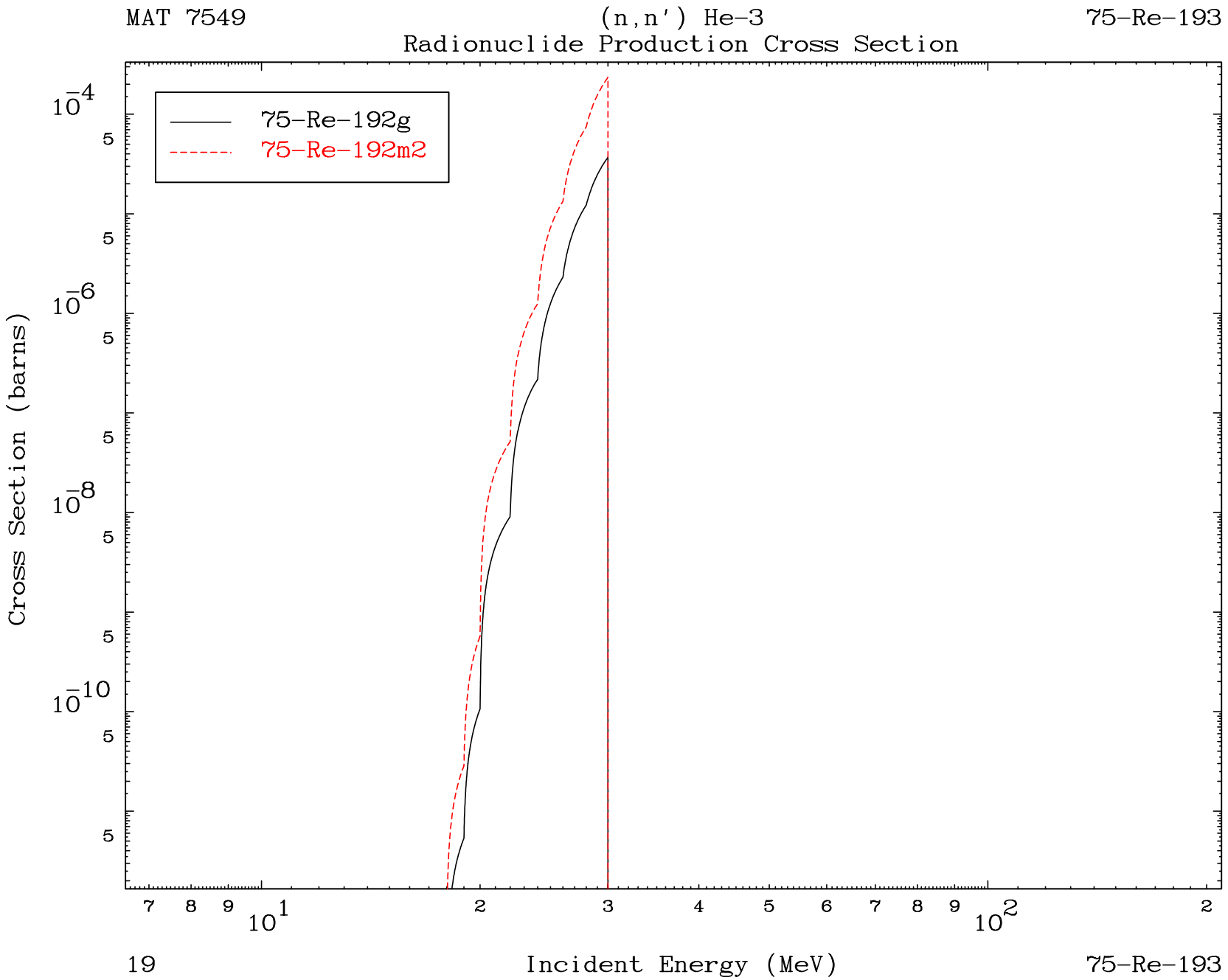

MAT 7549
(n,2n)
75-Re-193
Radionuclide Production Cross Section
77-Ir-194g
77-Ir-194m38
Cross Section (barns)
Incident Energy (MeV)
14
75-Re-193

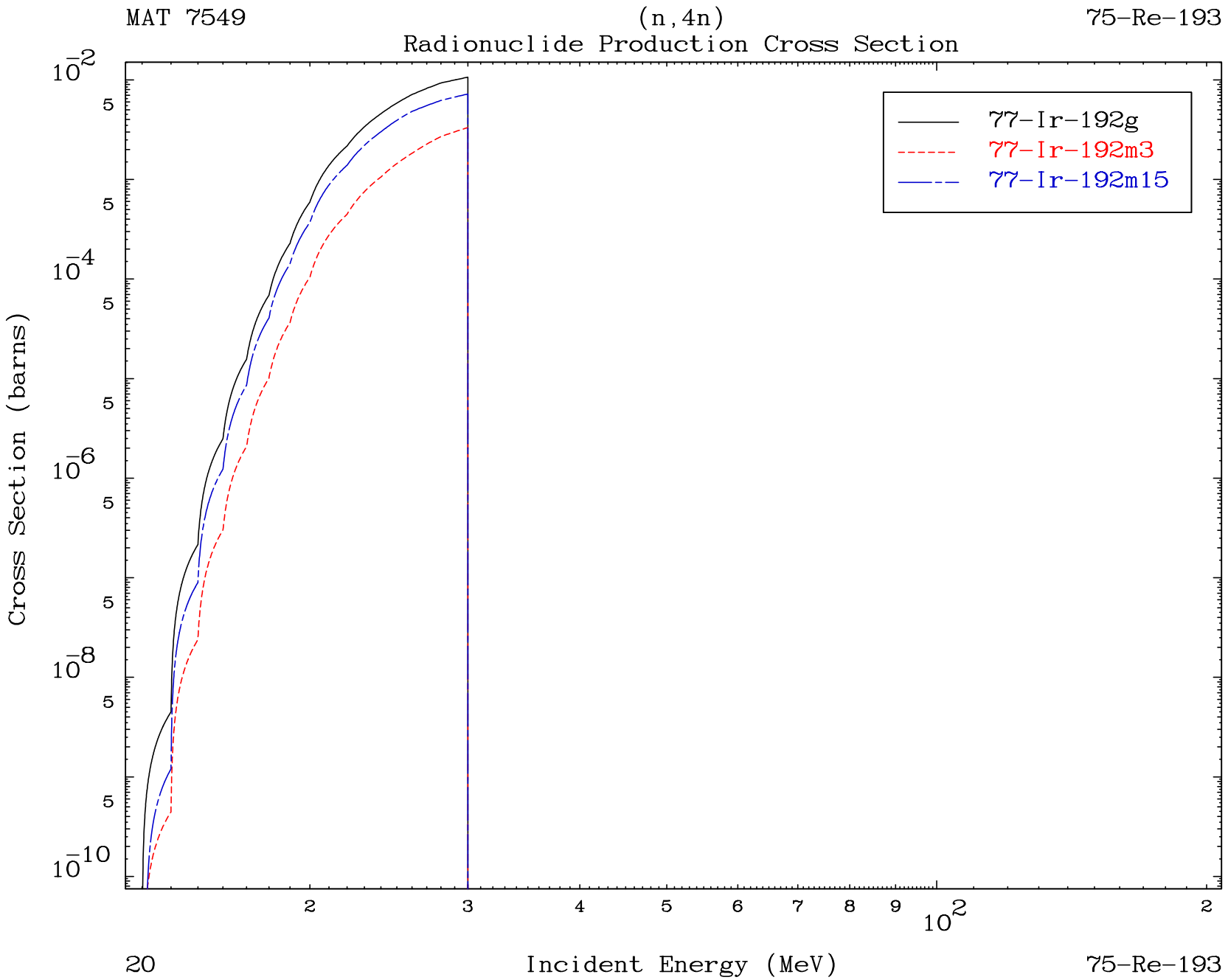

MAT 7549
(n,3n)
75-Re-193
Radionuclide Production Cross Section
77-Ir-193g
77-Ir-193m2
Cross Section (barns)
Incident Energy (MeV)
15
75-Re-193

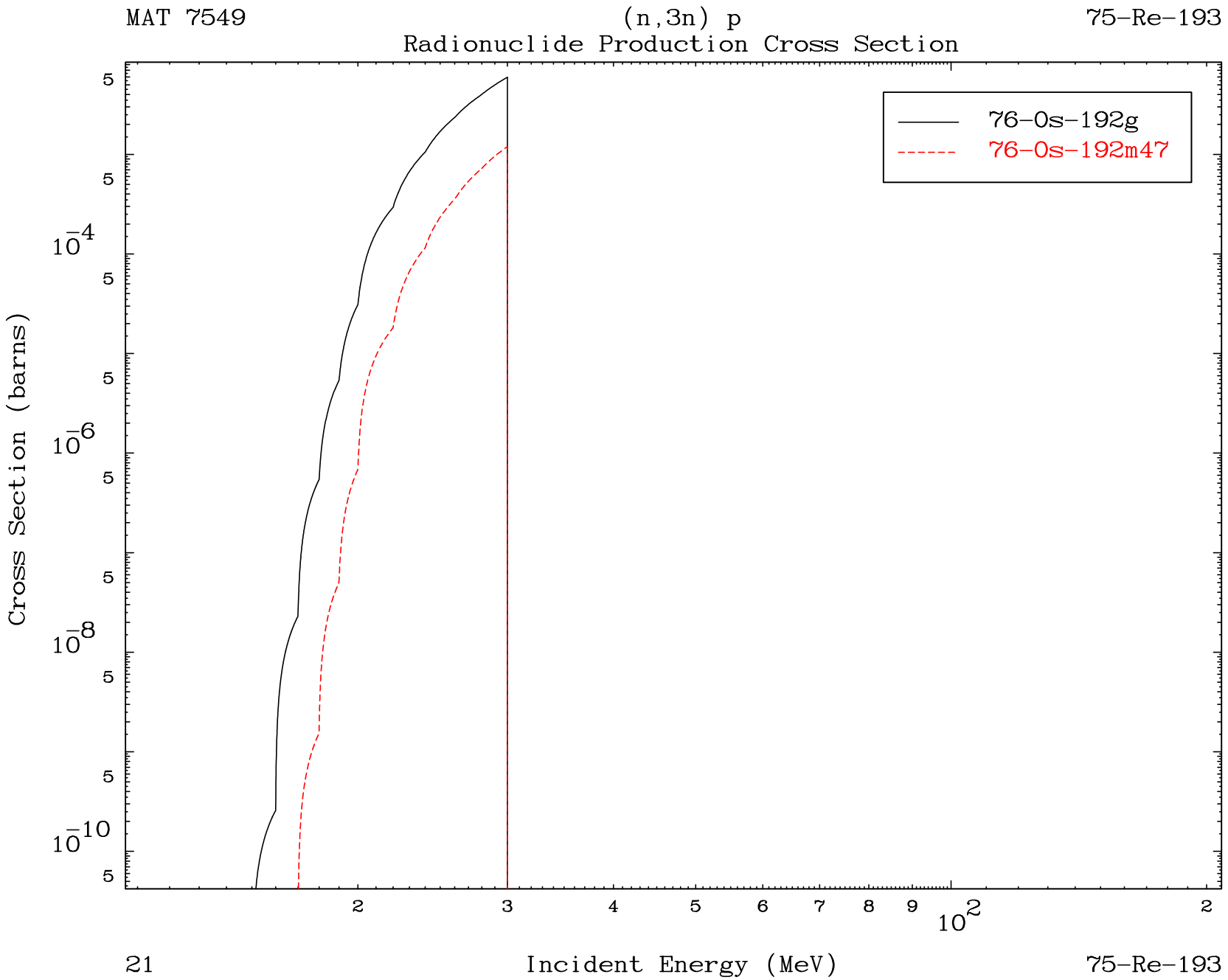

MAT 7549
Fission
75-Re-193
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
100
2
101
102
16
Incident Energy (MeV)
75-Re-193

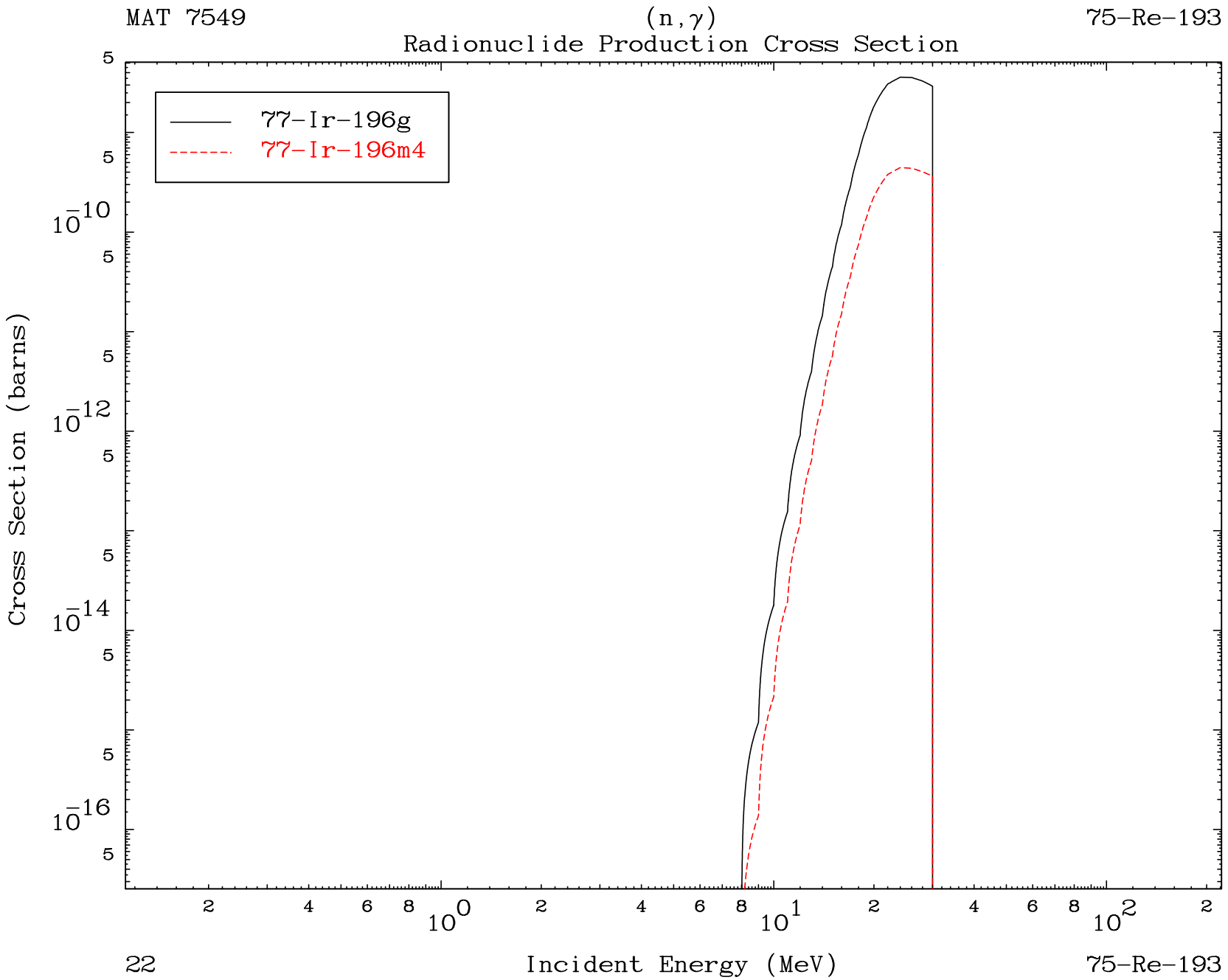

MAT 7549
(n,2n) α
75-Re-193
Radionuclide Production Cross Section
75-Re-190g
75-Re-190m3
Cross Section (barns)
10-4
10-6
10-8
10-10
5
100
101
102
2
4
6
8
17
Incident Energy (MeV)
75-Re-193

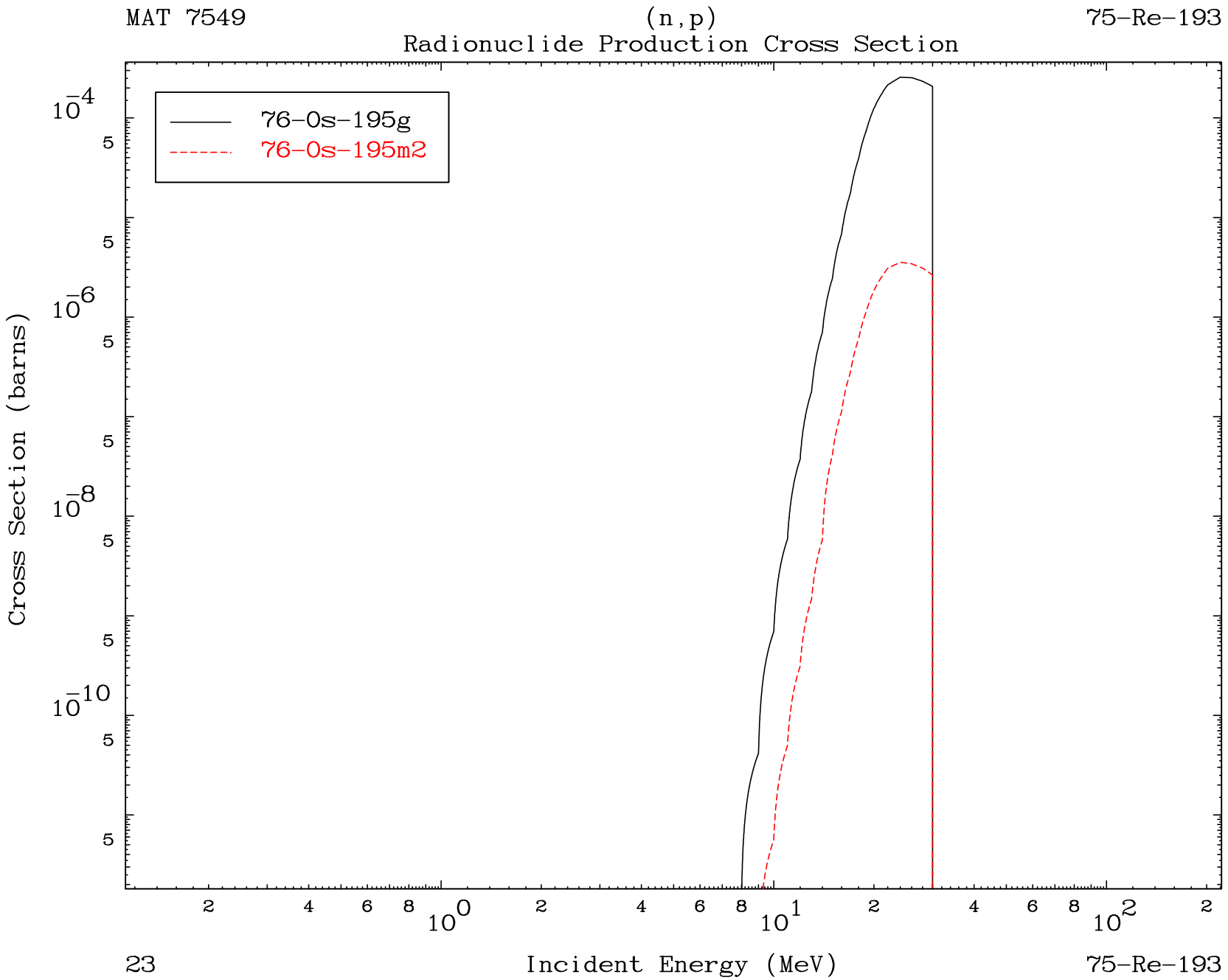

MAT 7549
(n,n') t
75-Re-193
Radionuclide Production Cross Section
76-Os-192g
76-Os-192m47
Cross Section (barns)
Incident Energy (MeV)
18
75-Re-193

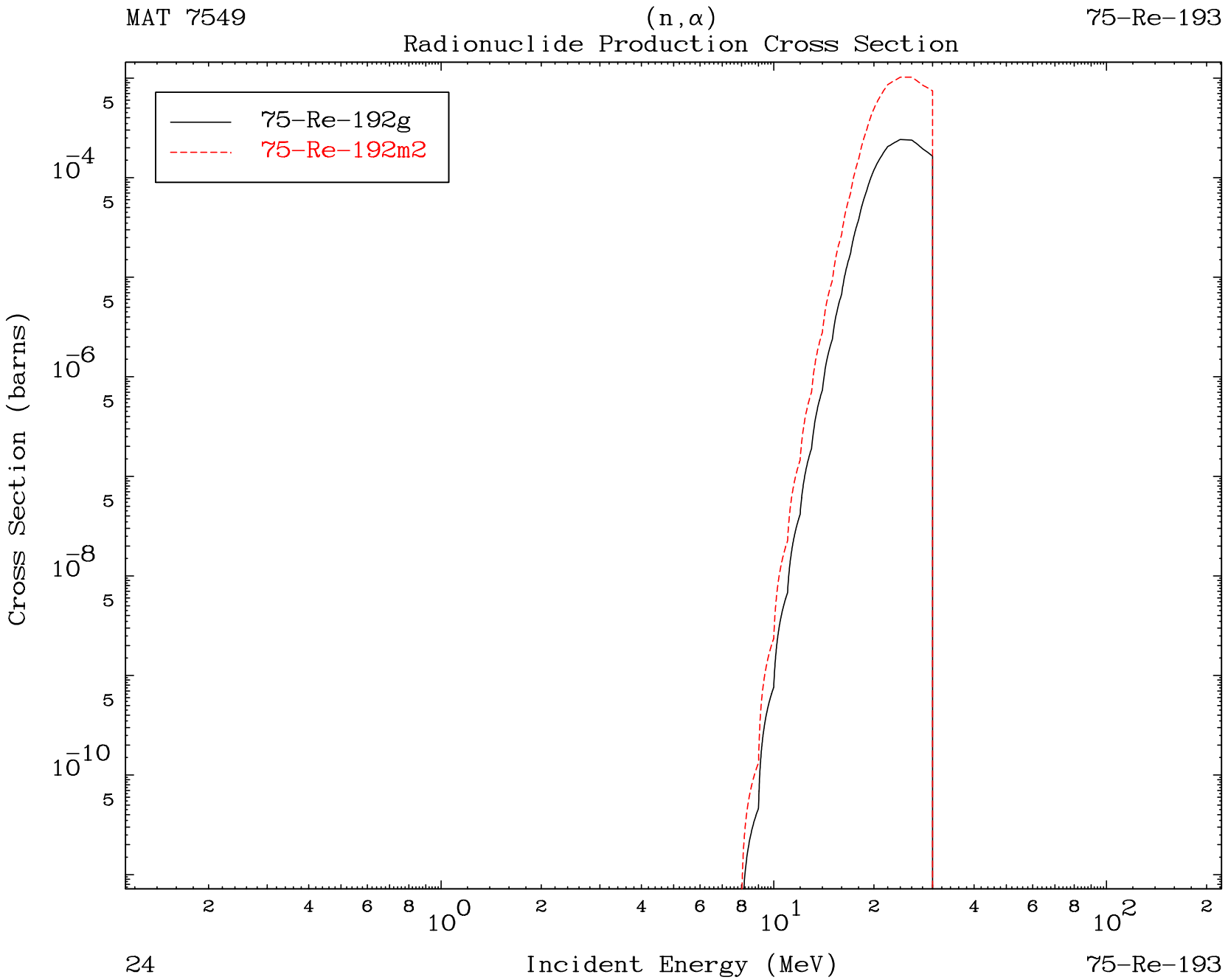

MAT 7549
(n,n') He-3
75-Re-193
Radionuclide Production Cross Section
75-Re-192g
75-Re-192m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
19
75-Re-193

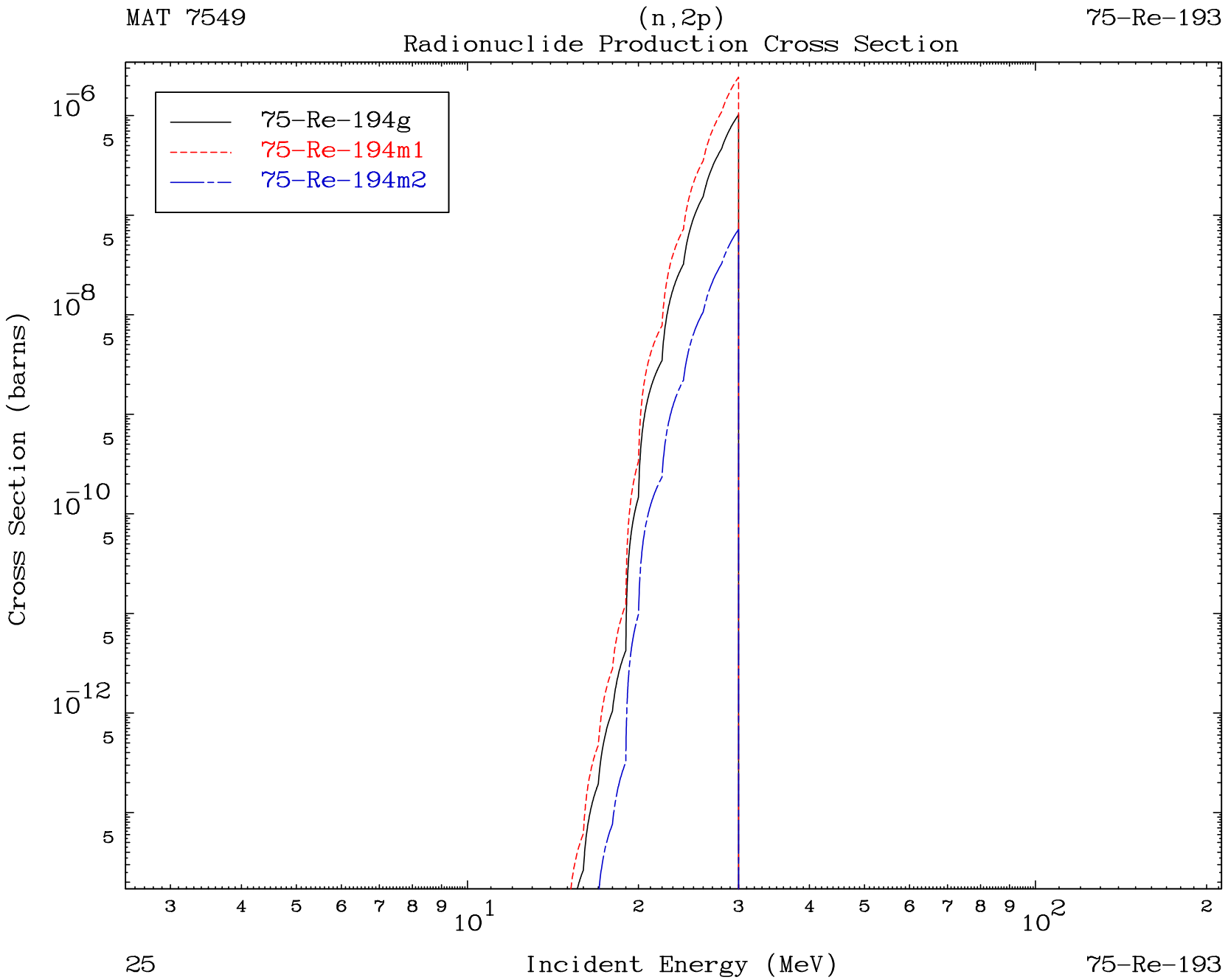

MAT 7549
(n,4n)
75-Re-193
Radionuclide Production Cross Section
77-Ir-192g
77-Ir-192m3
77-Ir-192m15
Cross Section (barns)
Incident Energy (MeV)
20
75-Re-193

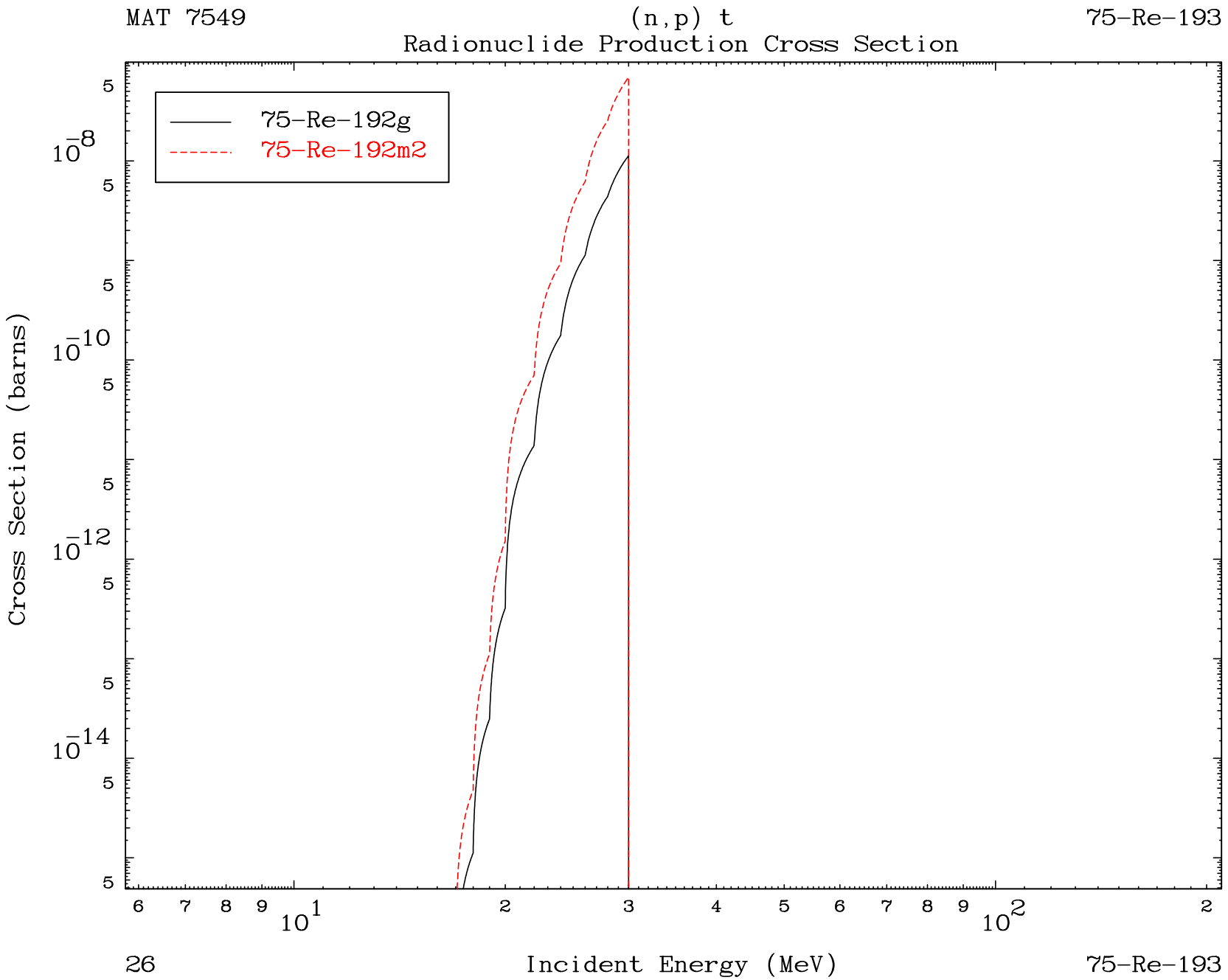

MAT 7549
(n,3n) p
75-Re-193
Radionuclide Production Cross Section
76-0s-192g
76-0s-192m47
Cross Section (barns)
Incident Energy (MeV)
21
75-Re-193


MAT 7549
(n,γ)
75-Re-193
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
Incident Energy (MeV)
22
75-Re-193


MAT 7549
(n,p)
75-Re-193
Radionuclide Production Cross Section
76-Os-195g
76-Os-195m2
Cross Section (barns)
Incident Energy (MeV)
23
75-Re-193


MAT 7549
(n,α)
75-Re-193
Radionuclide Production Cross Section
75-Re-192g
75-Re-192m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
24
75-Re-193


MAT 7549
(n,2p)
75-Re-193
Radionuclide Production Cross Section
75-Re-194g
75-Re-194m1
75-Re-194m2
Cross Section (barns)
Incident Energy (MeV)
25
75-Re-193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(n,p) t
75-Re-193
Radionuclide Production Cross Section
75-Re-192g
75-Re-192m2
Cross Section (barns)
Incident Energy (MeV)
26
75-Re-193