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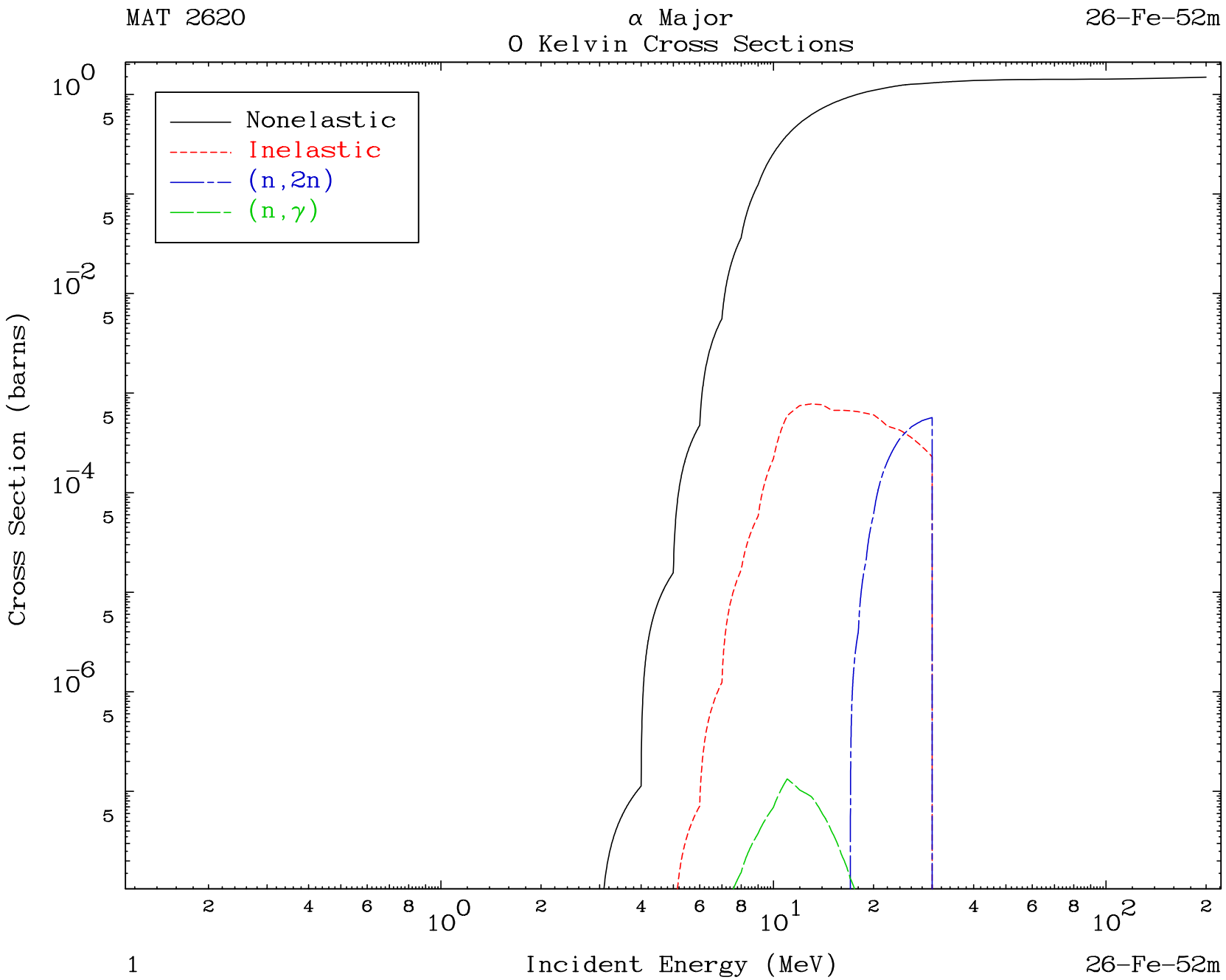
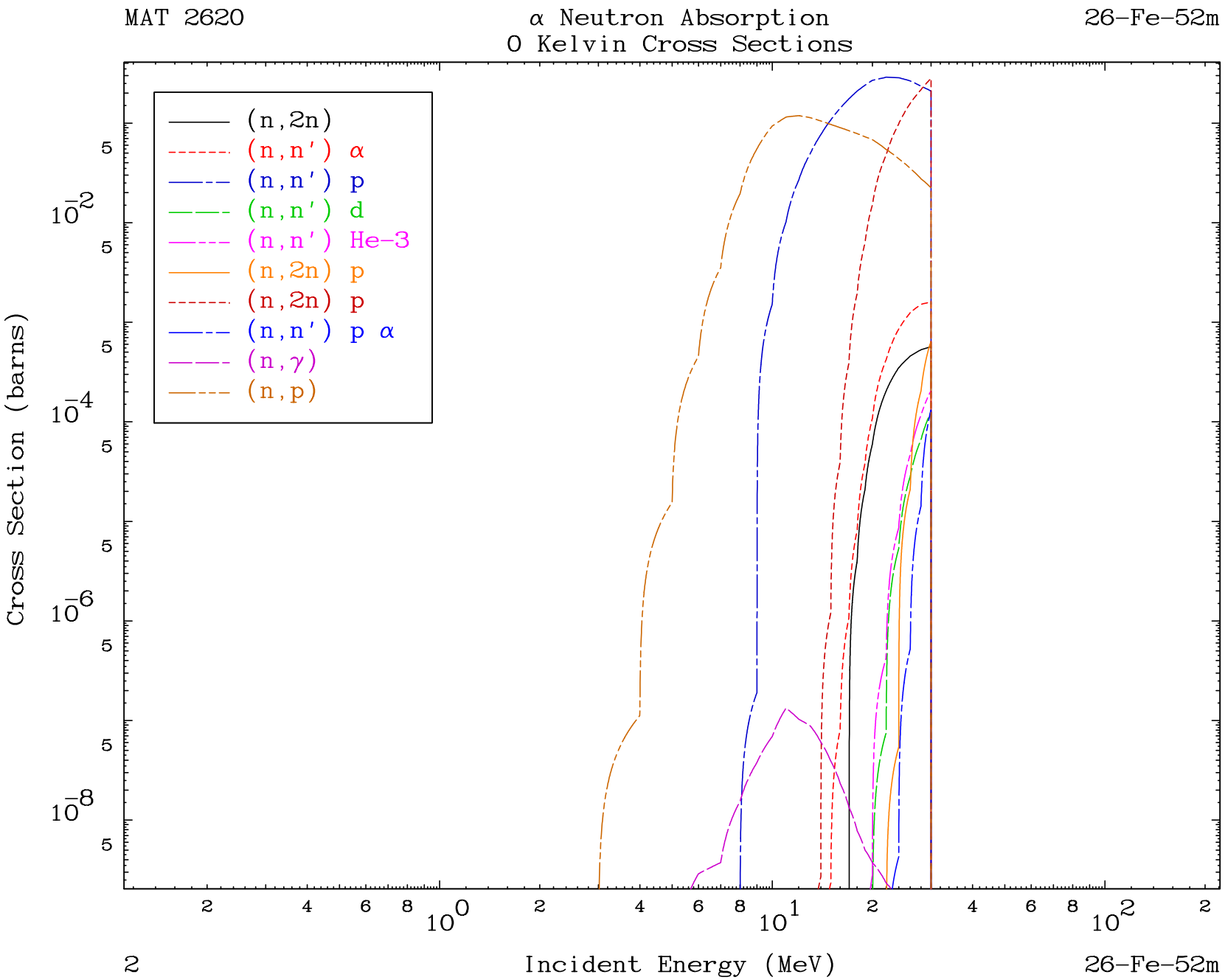
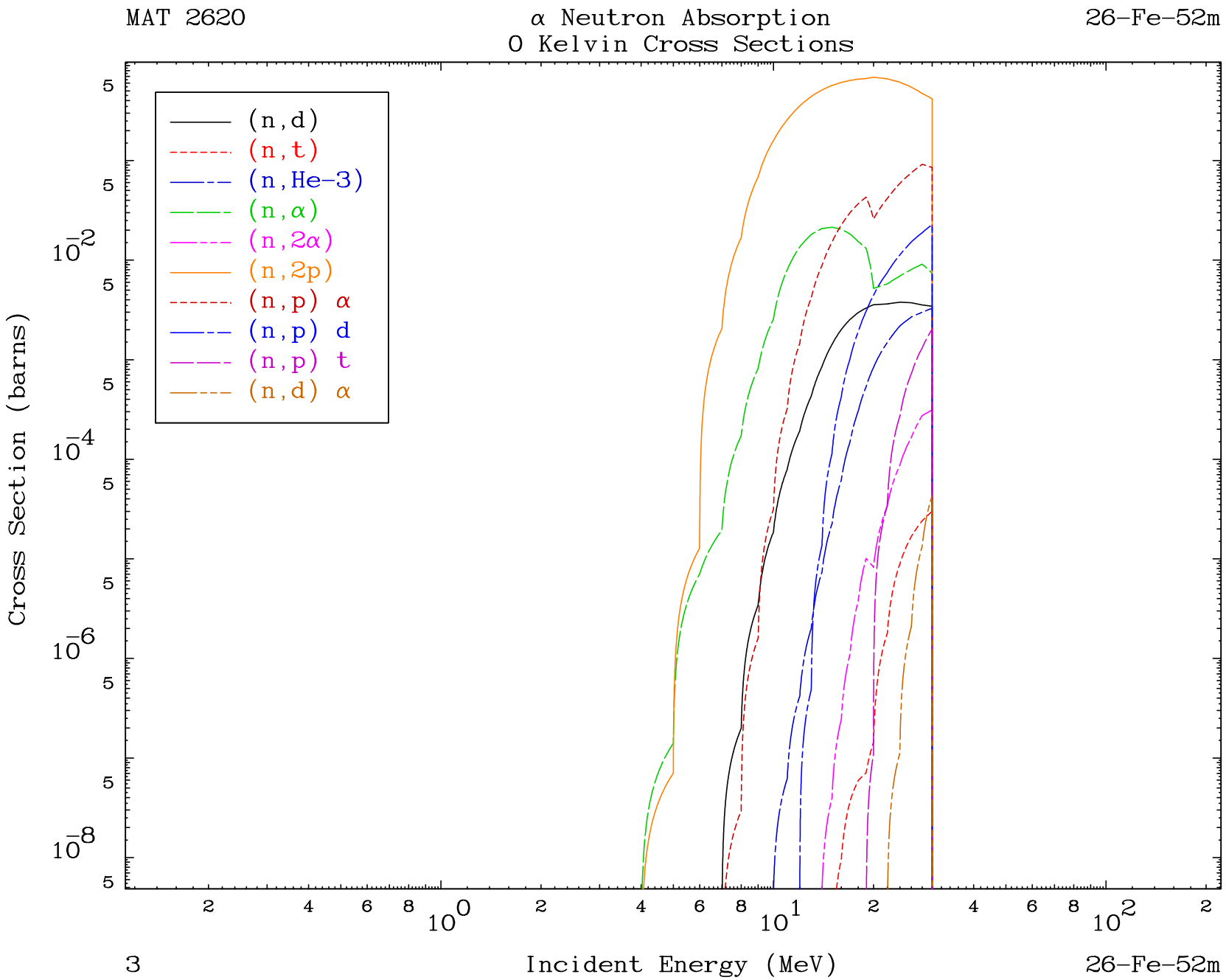
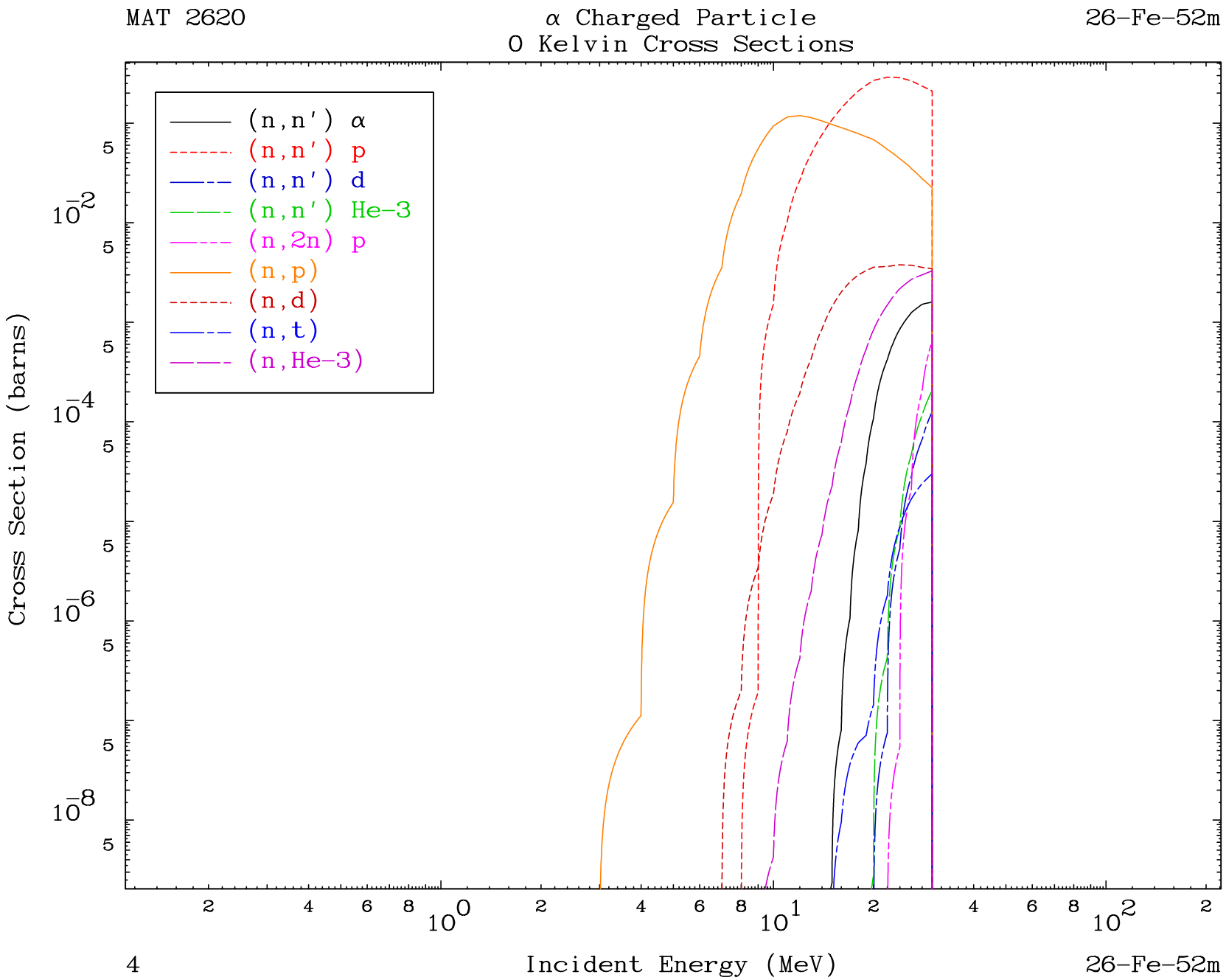
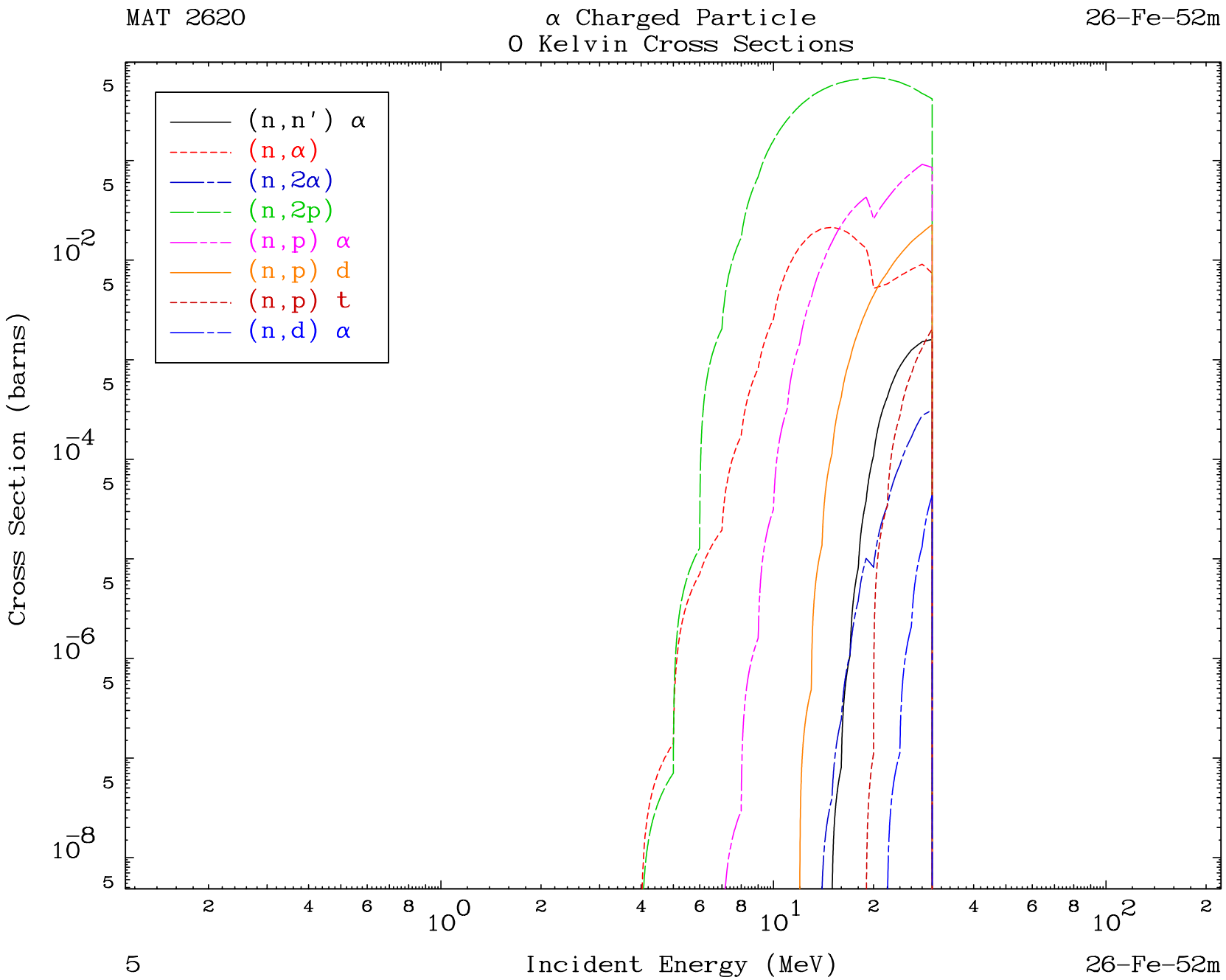
Press Mouse Button to Start

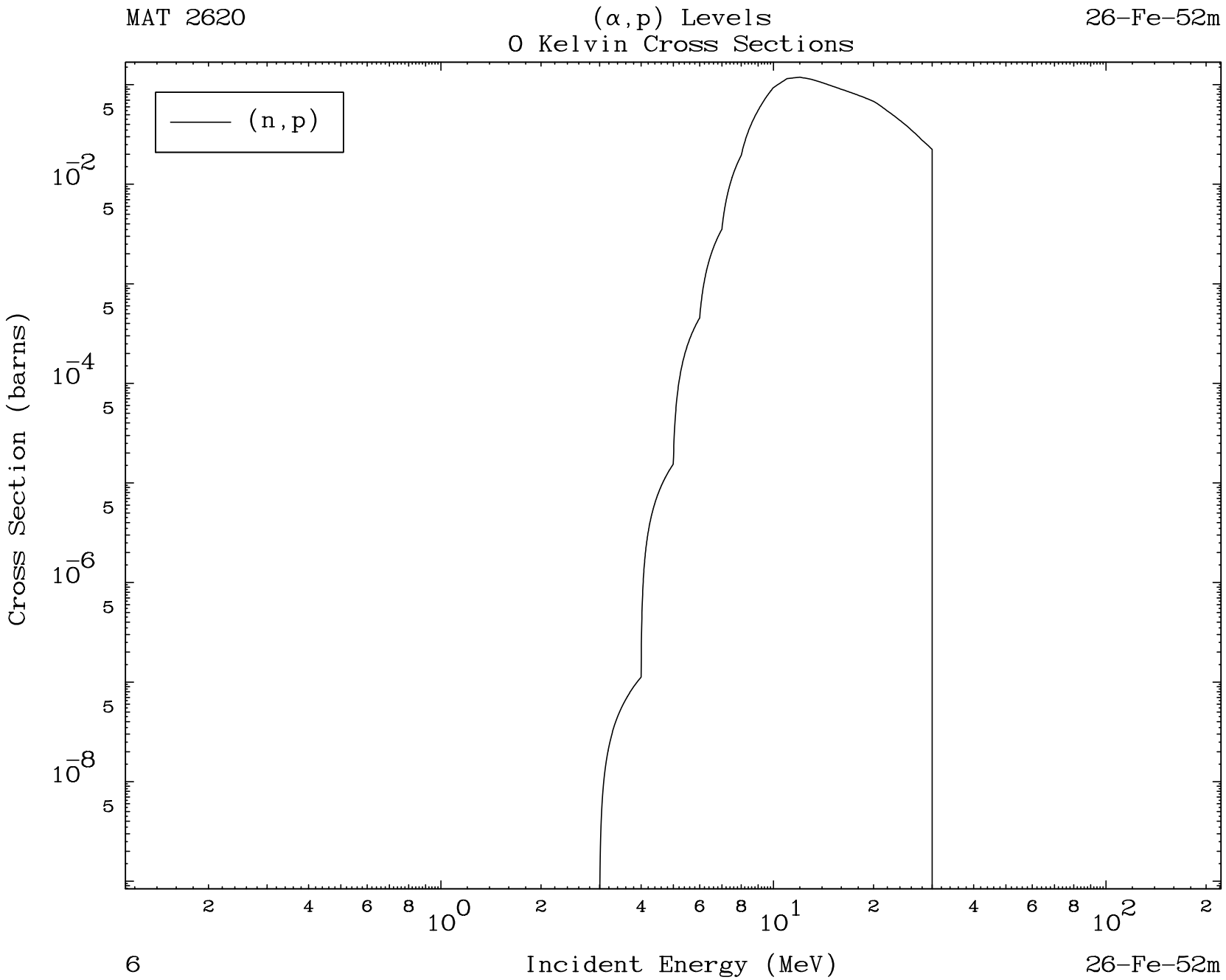

MAT 2620
α Major
26-Fe-52m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52m
1

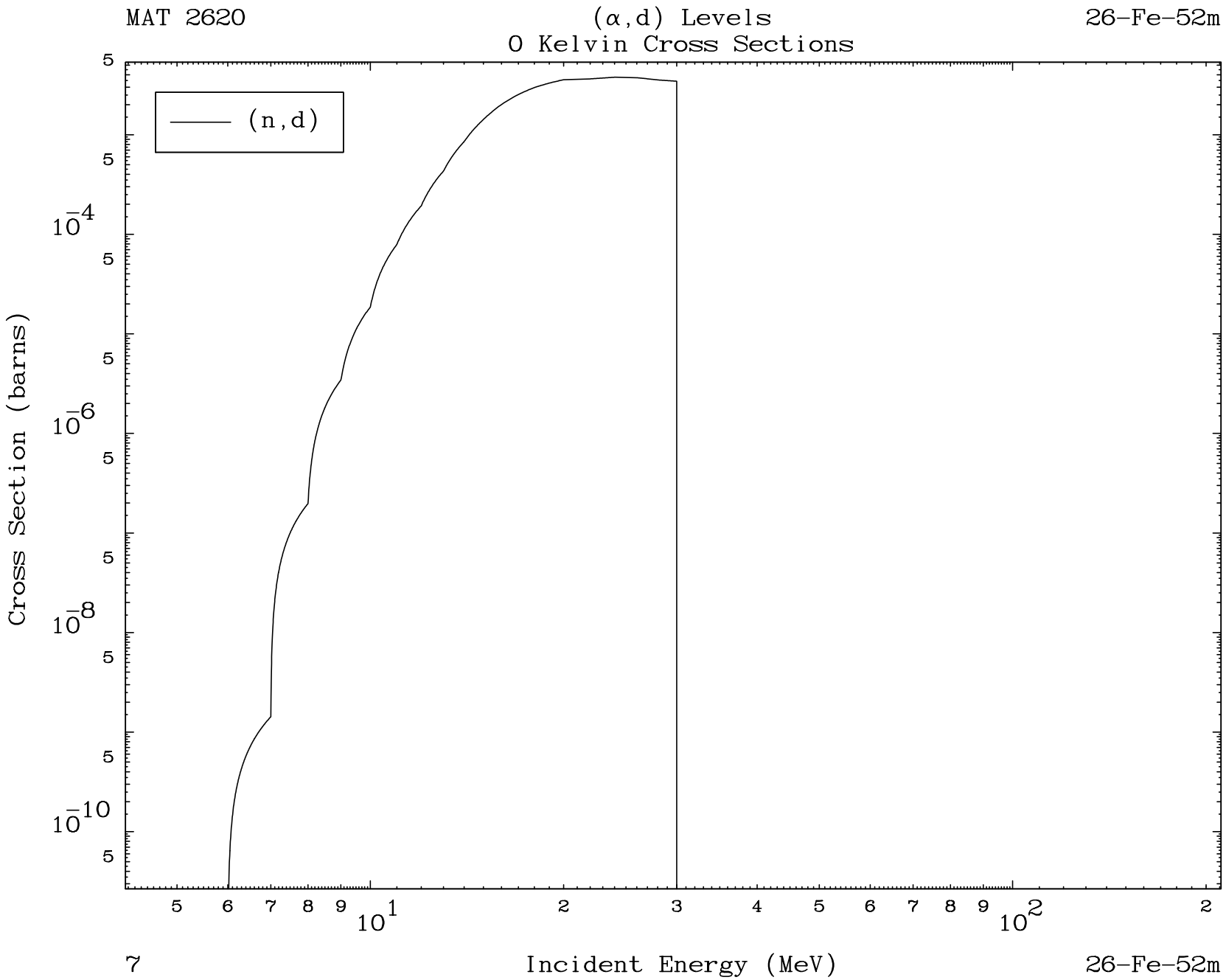

MAT 2620
α Neutron Absorption
0 Kelvin Cross Sections
26-Fe-52m
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52m
2


MAT 2620
α Neutron Absorption
0 Kelvin Cross Sections
26-Fe-52m
(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)
3
26-Fe-52m

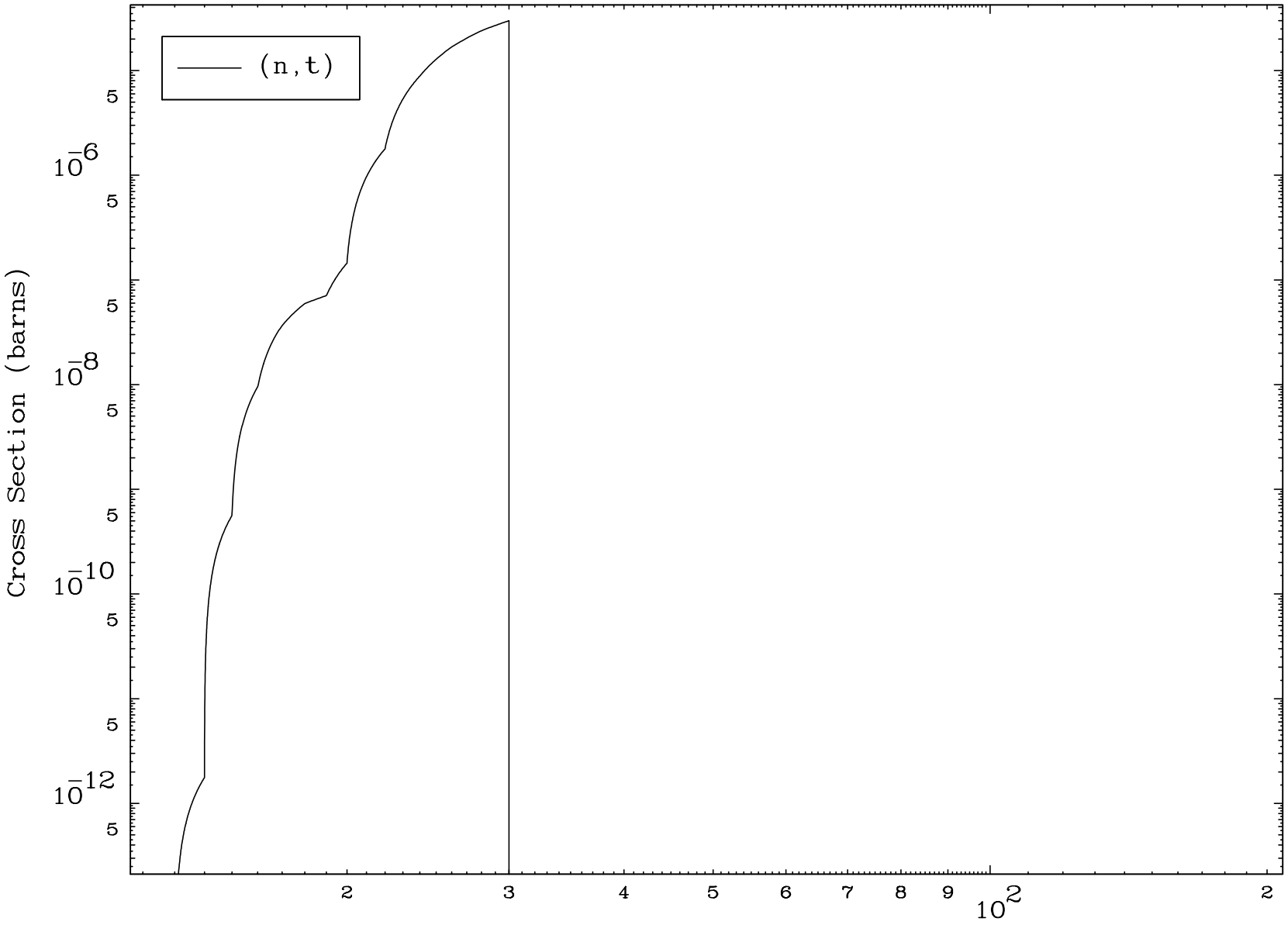

MAT 2620
α Charged Particle
0 Kelvin Cross Sections
26-Fe-52m
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
26-Fe-52m

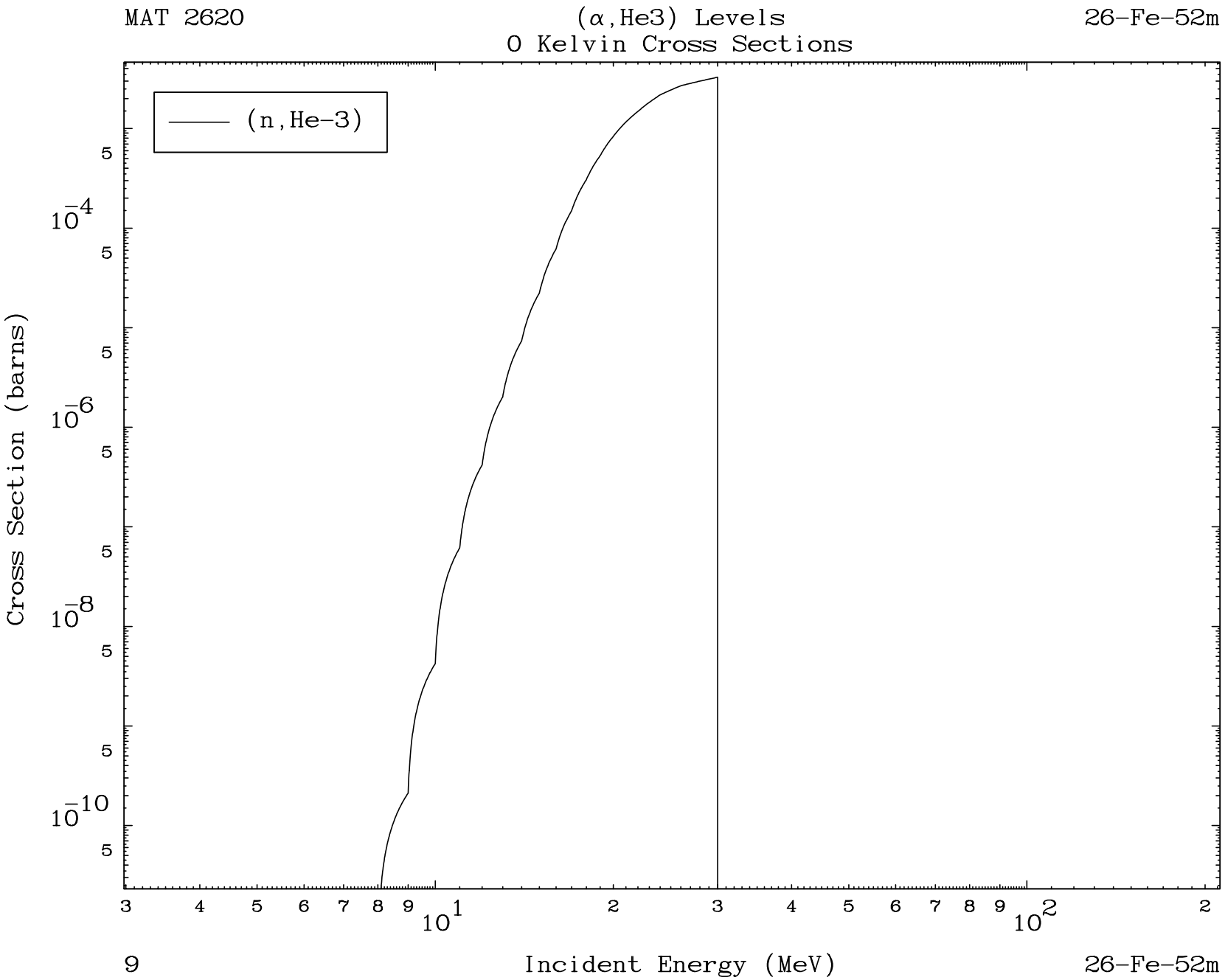

MAT 2620
α Charged Particle
0 Kelvin Cross Sections
26-Fe-52m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52m

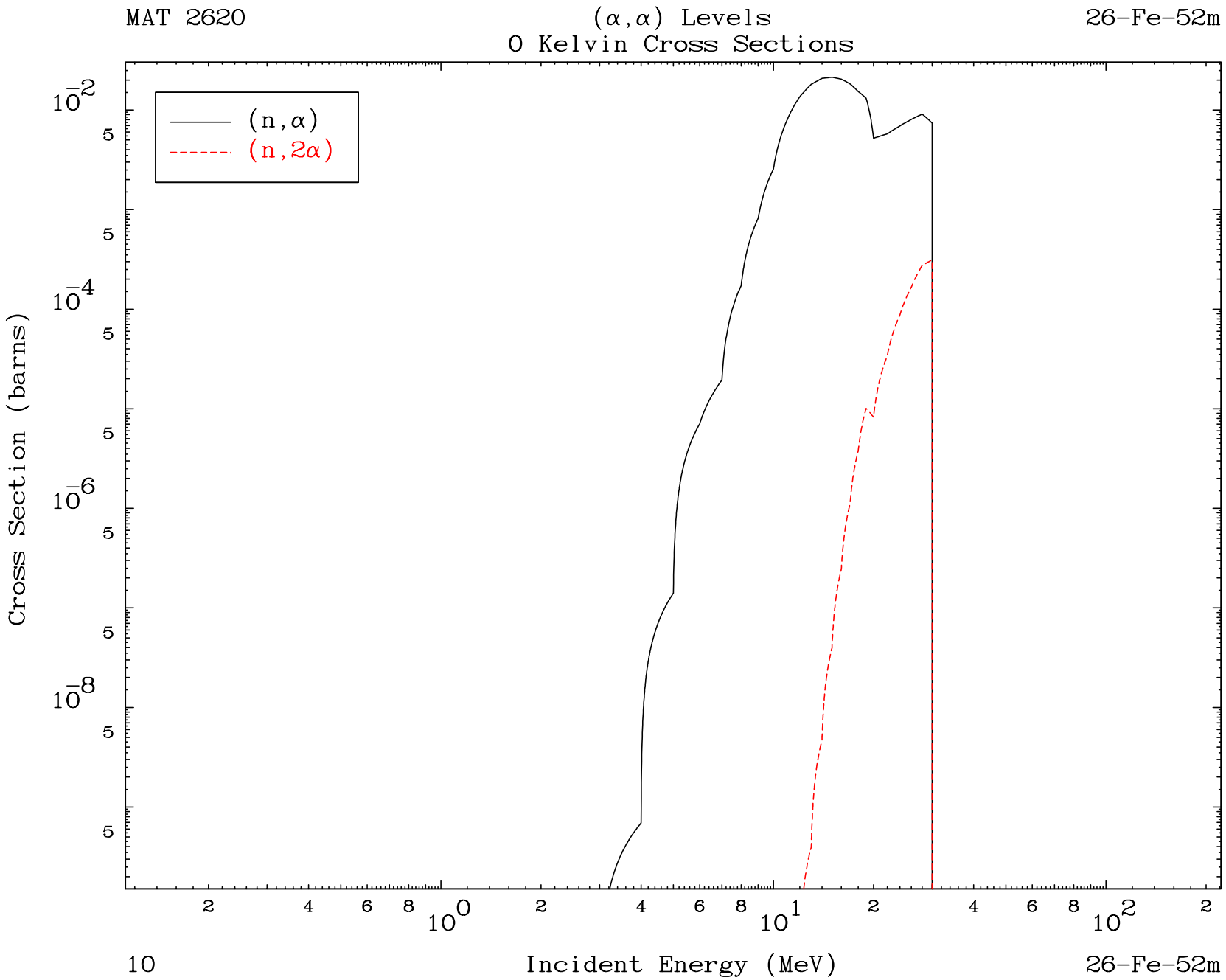

MAT 2620
(α,p) Levels
26-Fe-52m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
6
26-Fe-52m

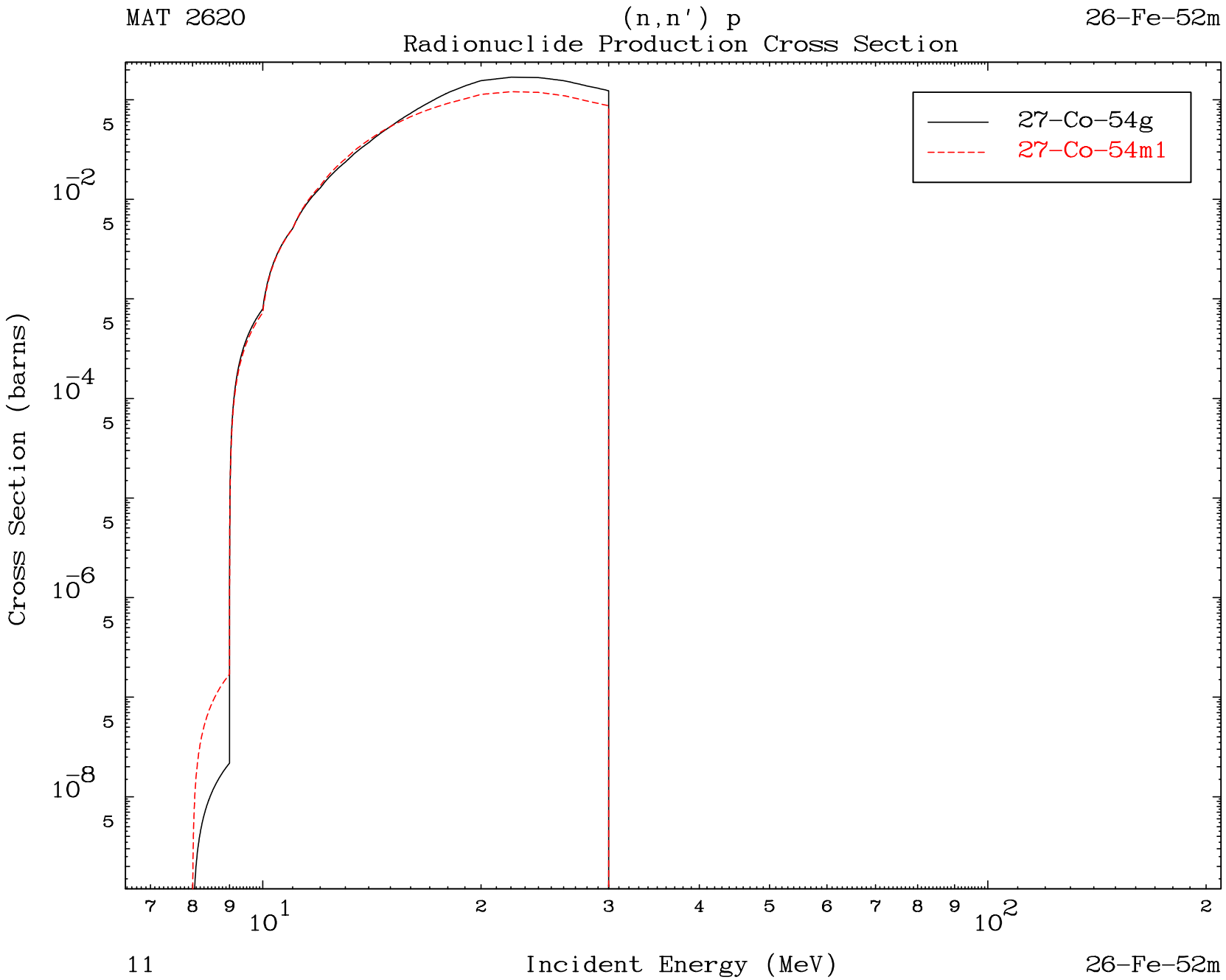

MAT 2620
(α,d) Levels
26-Fe-52m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
7
26-Fe-52m

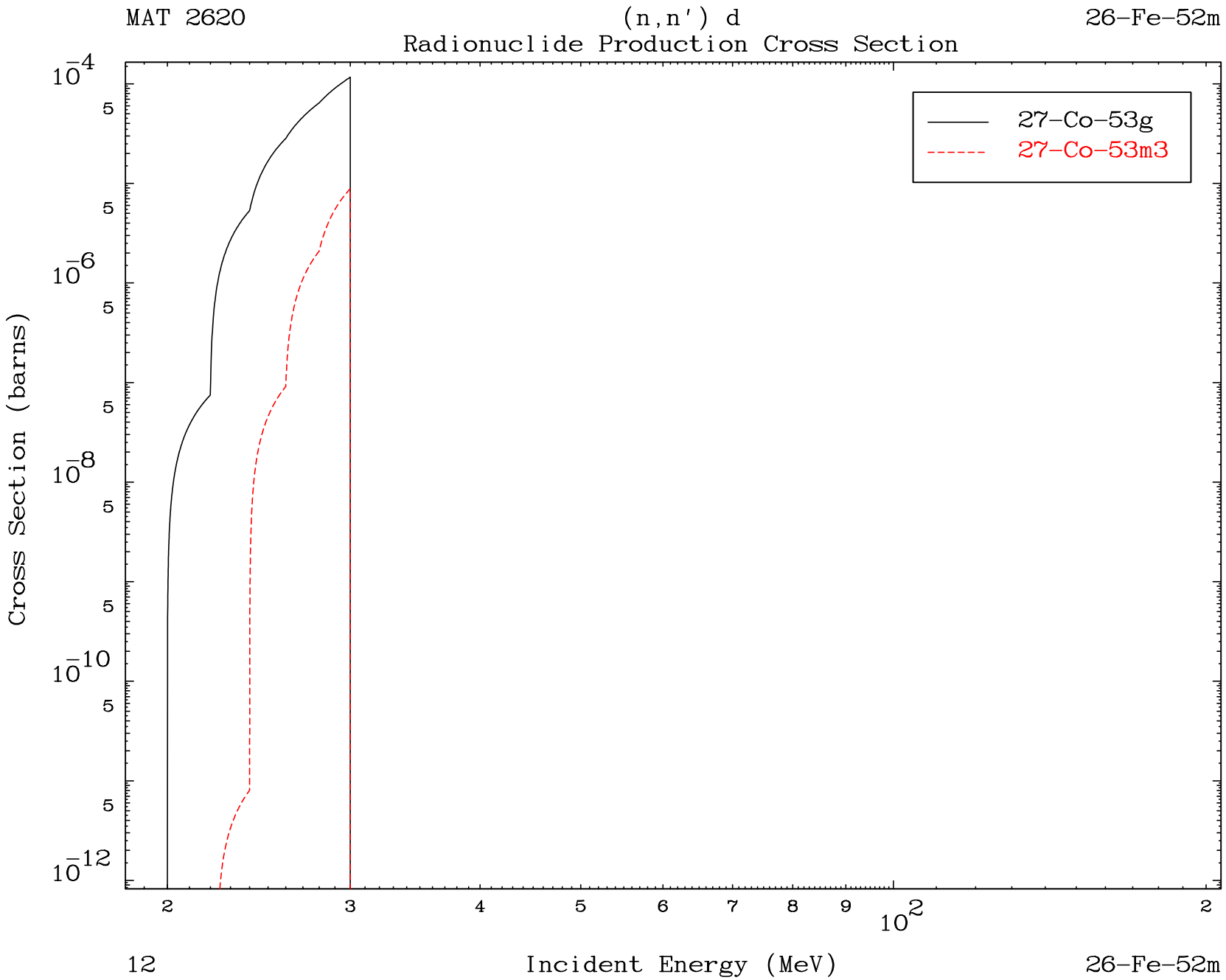
0 Kelvin Cross Sections

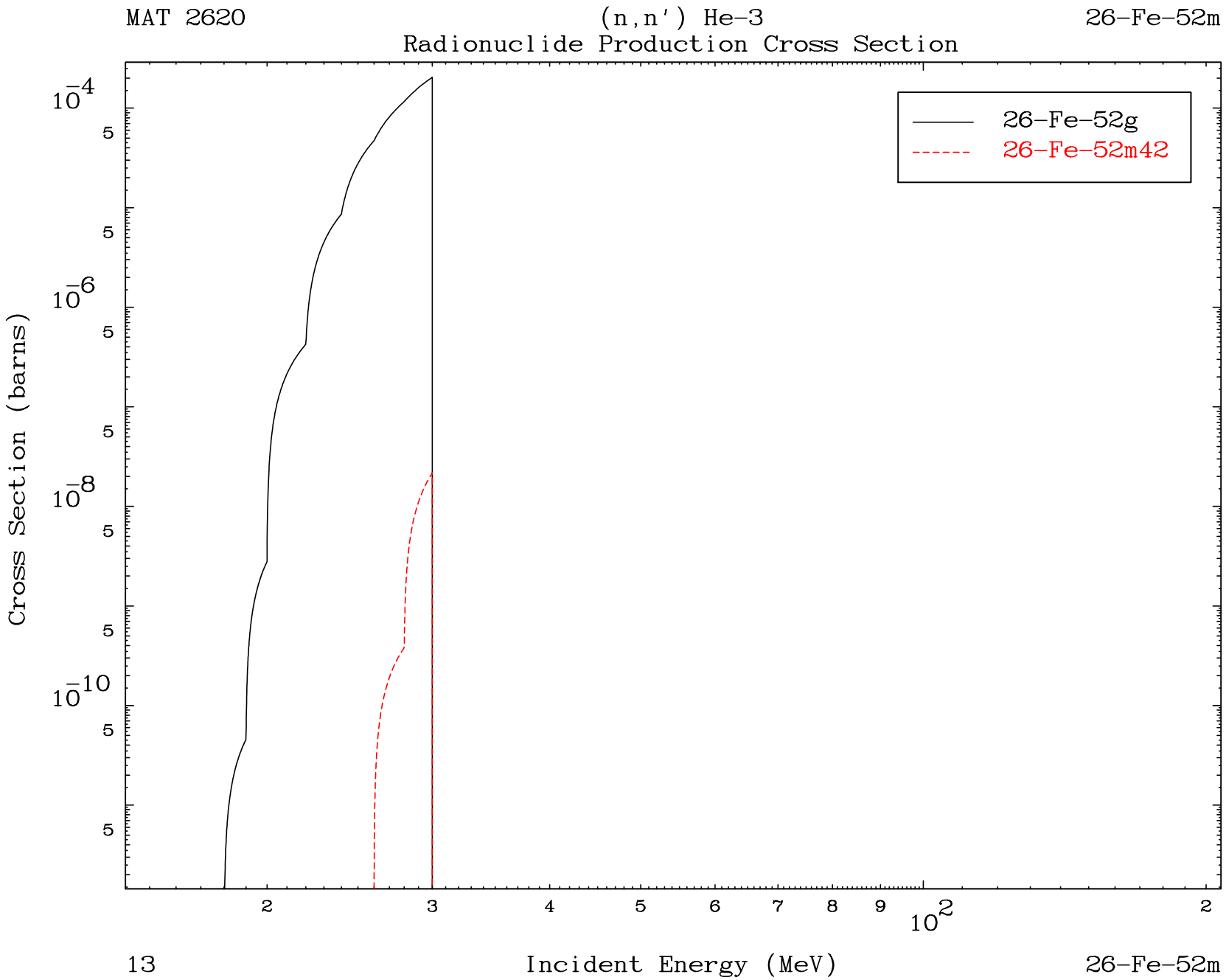


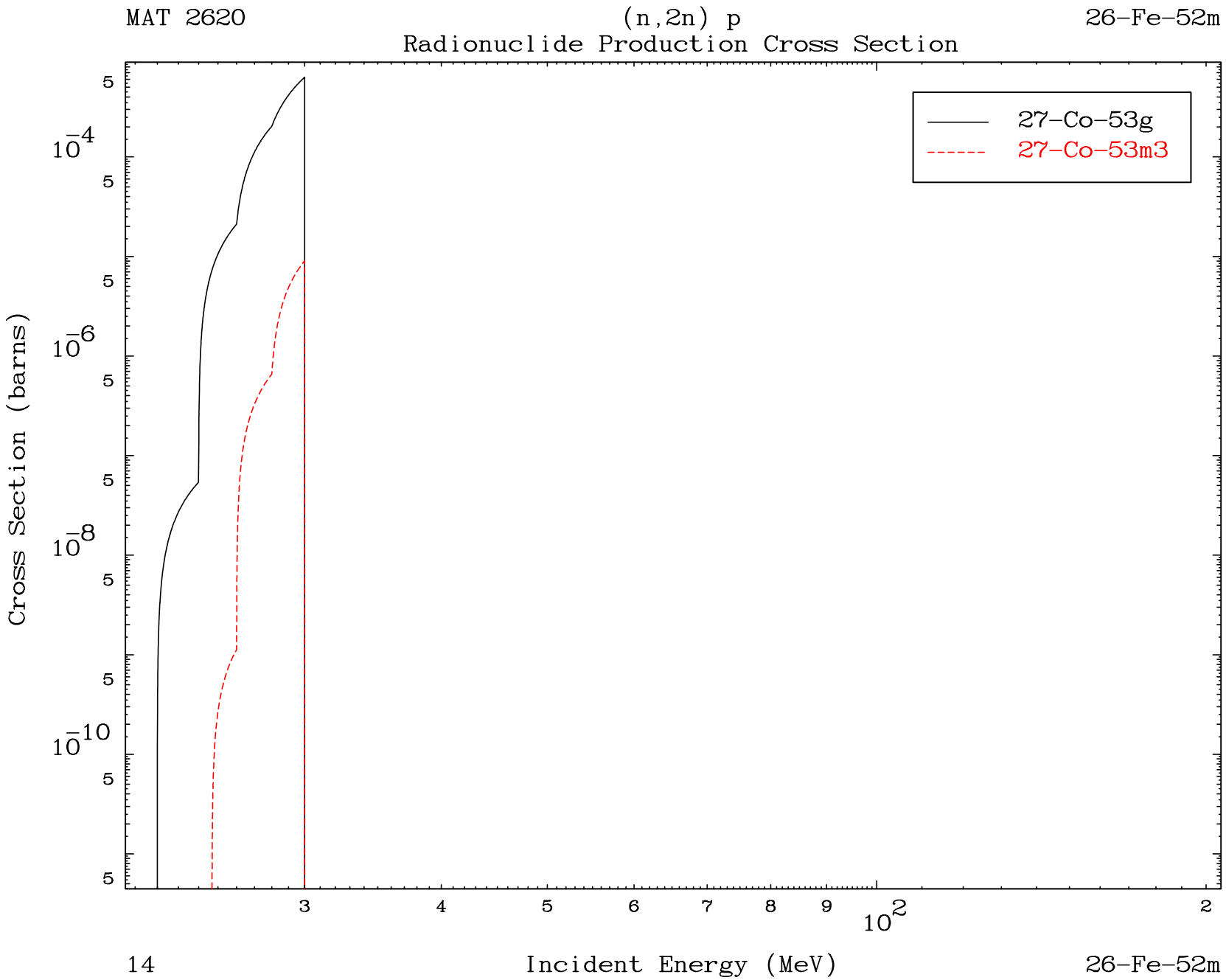

MAT 2620
(α,He3) Levels
26-Fe-52m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
9
26-Fe-52m

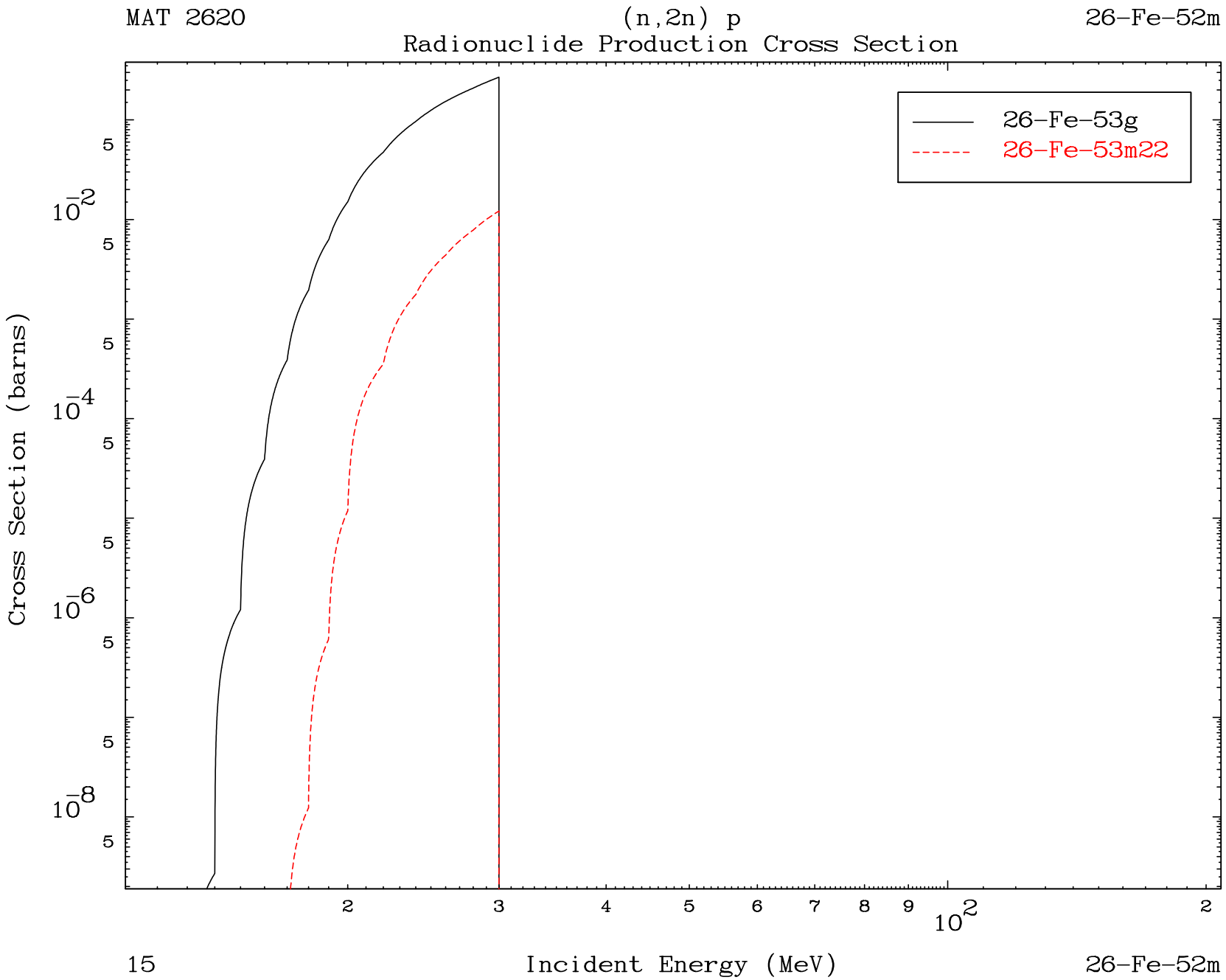

MAT 2620
(α,α) Levels
26-Fe-52m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52m

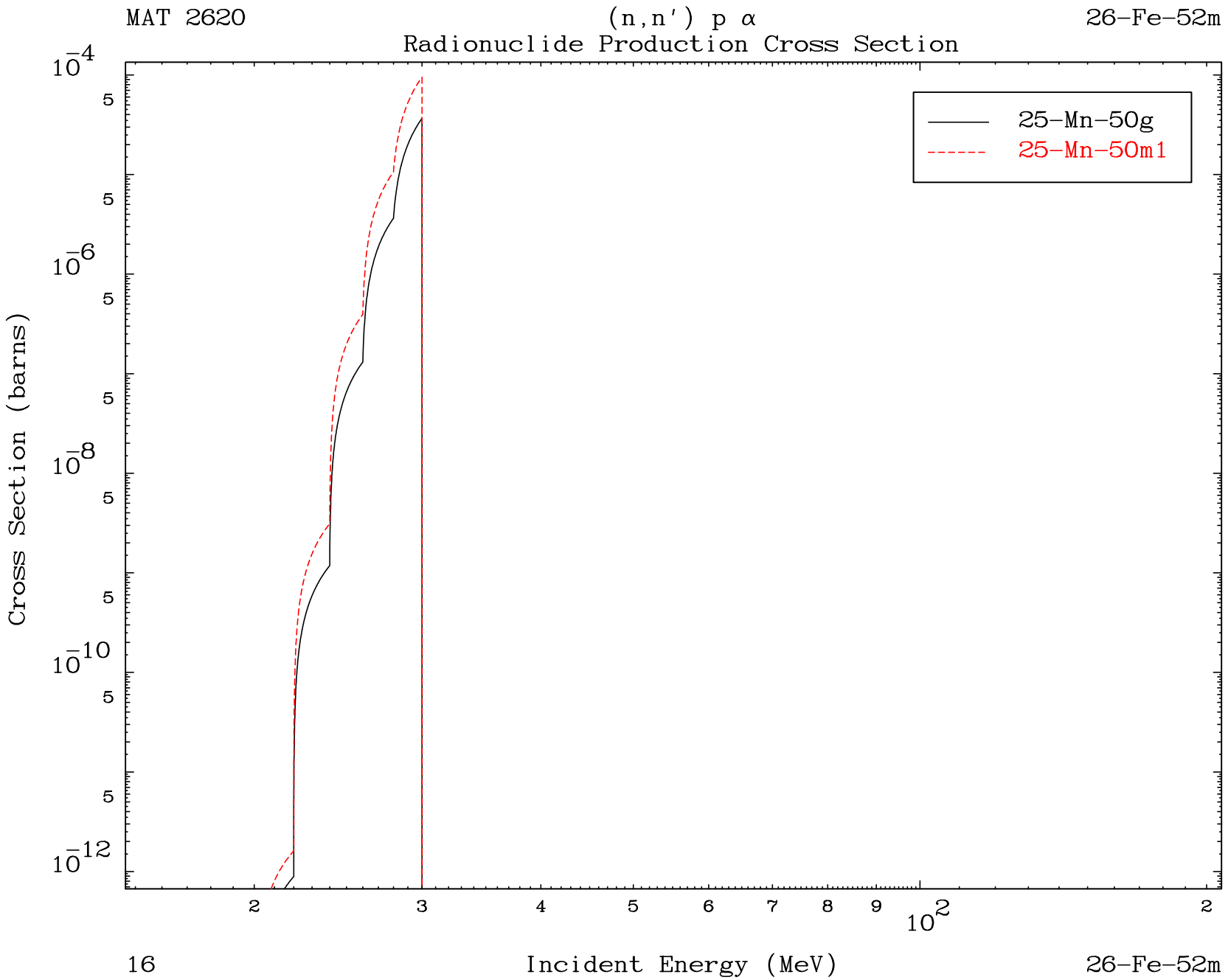

MAT 2620
(n,n') p
26-Fe-52m
Radionuclide Production Cross Section
27-Co-54g
27-Co-54m1
Cross Section (barns)
Incident Energy (MeV)
11
26-Fe-52m

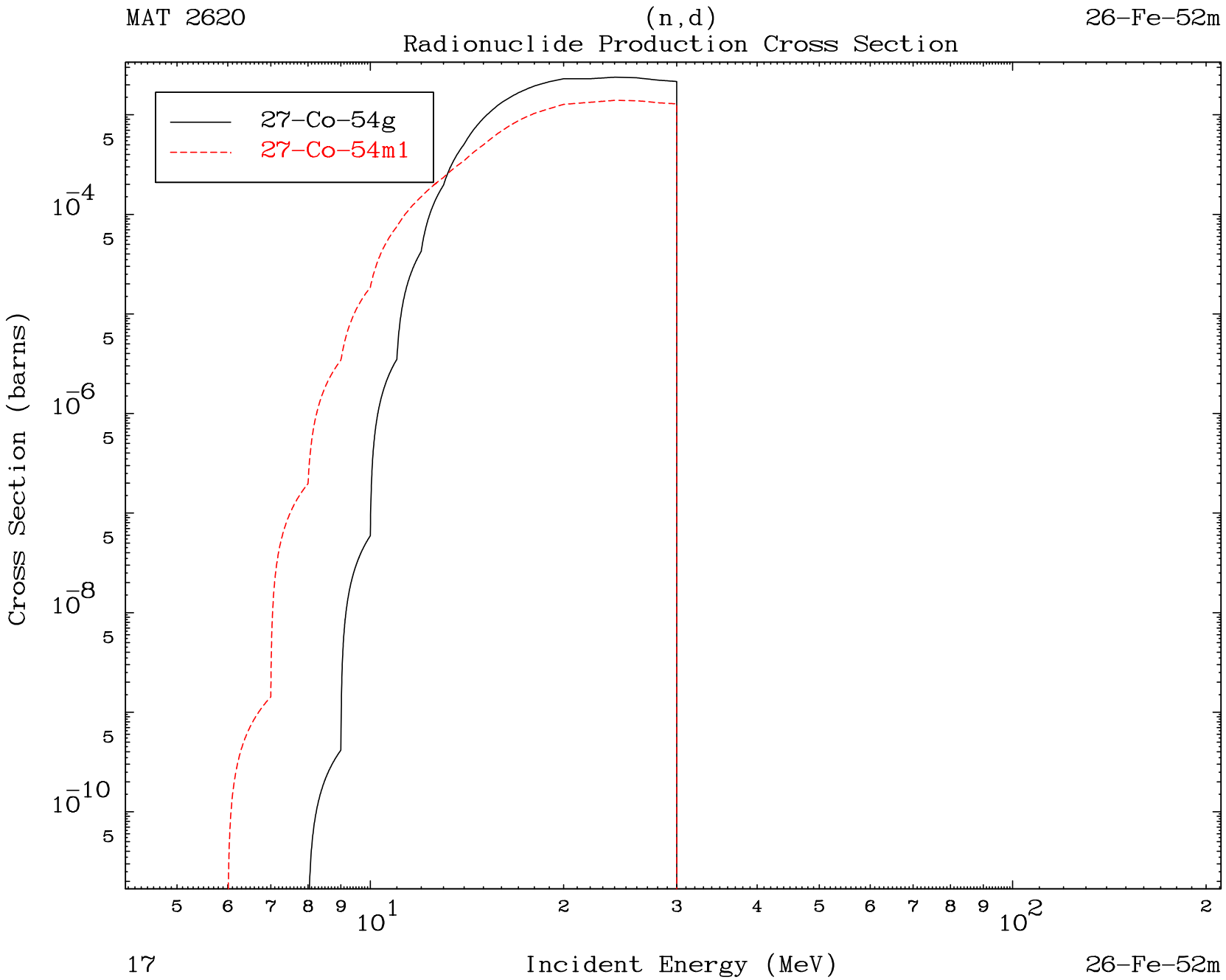

MAT 2620
(n,n') d
26-Fe-52m
Radionuclide Production Cross Section
27-Co-53g
27-Co-53m3
Cross Section (barns)
Incident Energy (MeV)
12
26-Fe-52m

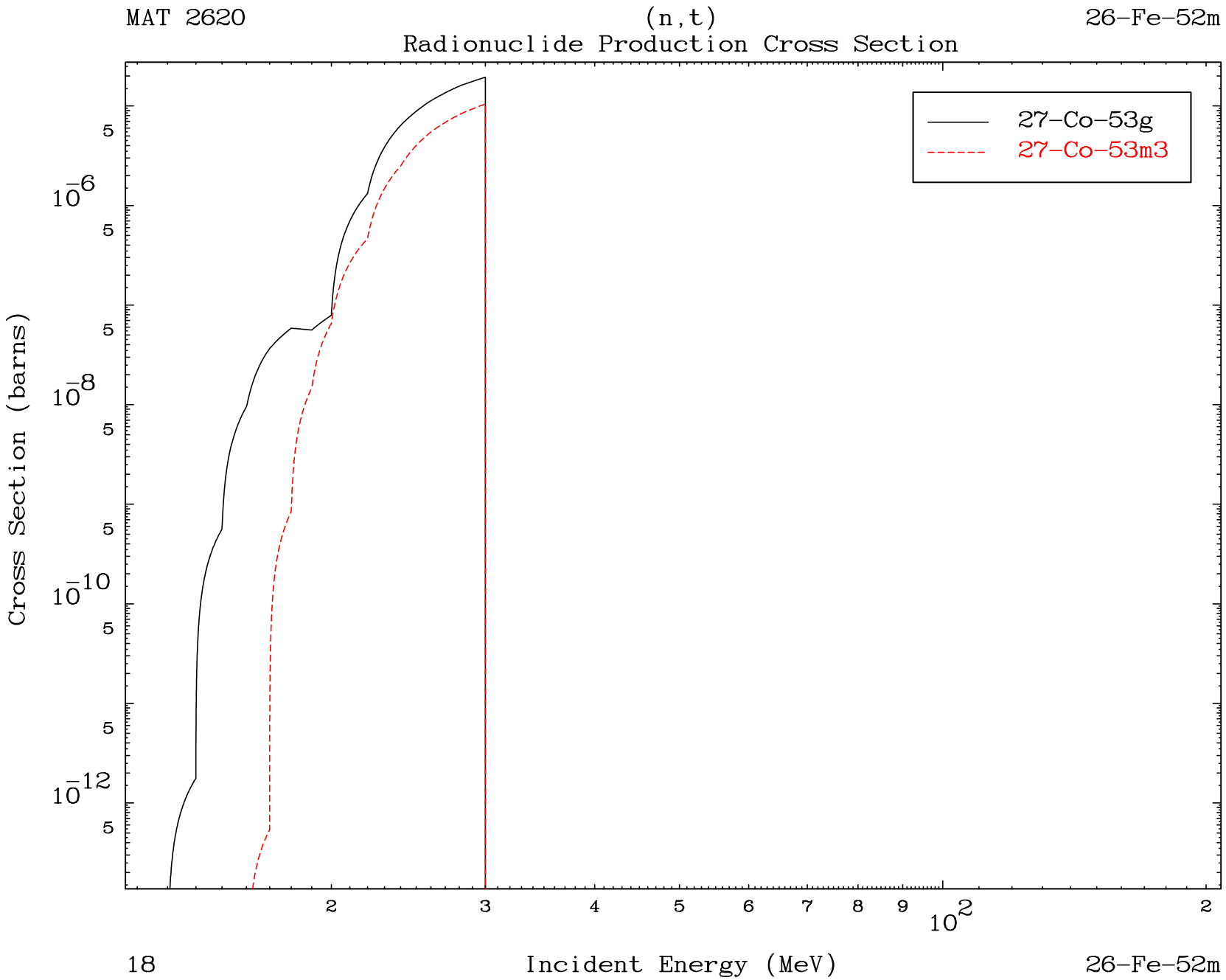

MAT 2620
(n,n') He-3
26-Fe-52m
Radionuclide Production Cross Section
26-Fe-52g
26-Fe-52m42
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
26-Fe-52m

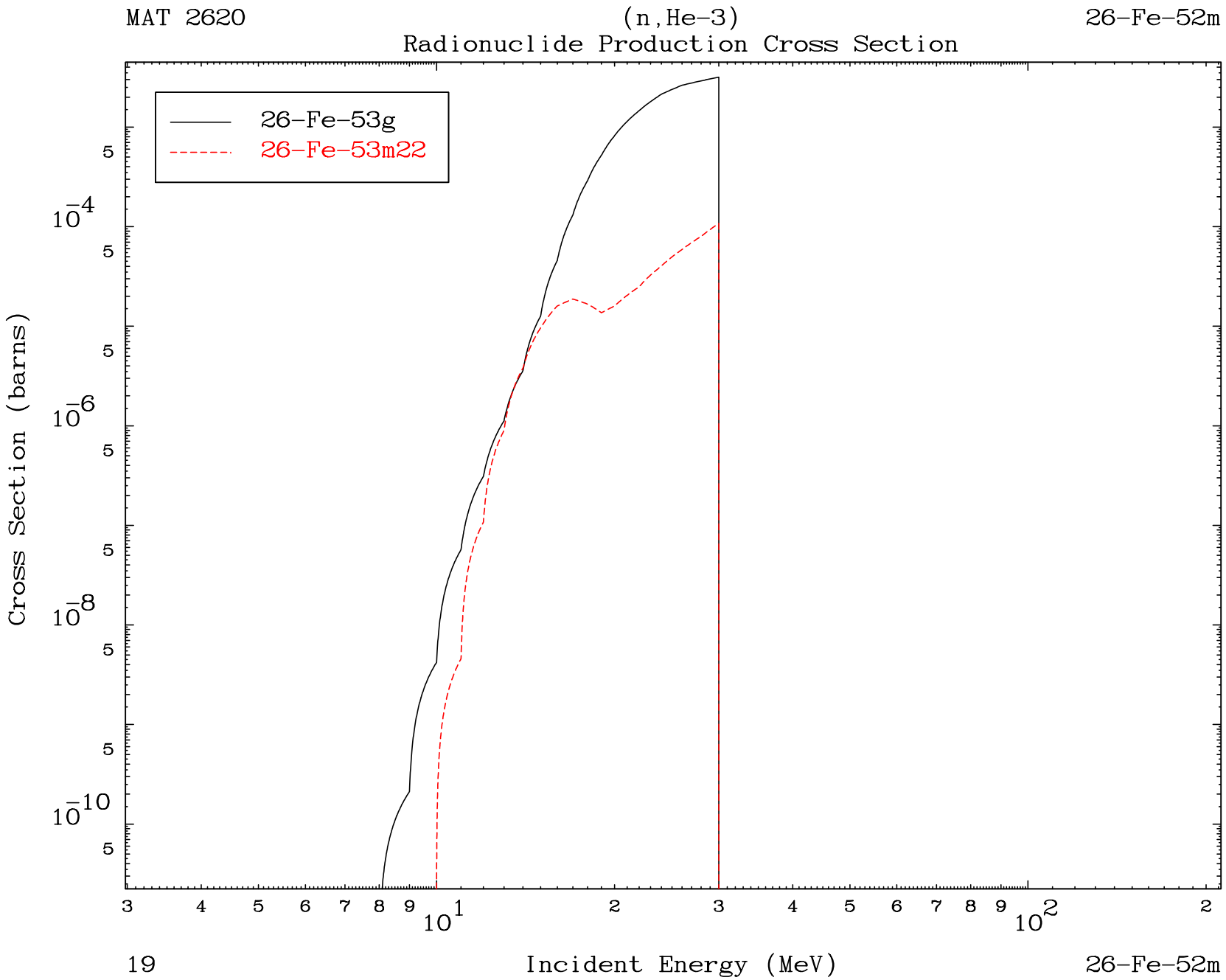

MAT 2620
(n,2n) p
26-Fe-52m
Radionuclide Production Cross Section
27-Co-53g
27-Co-53m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
26-Fe-52m

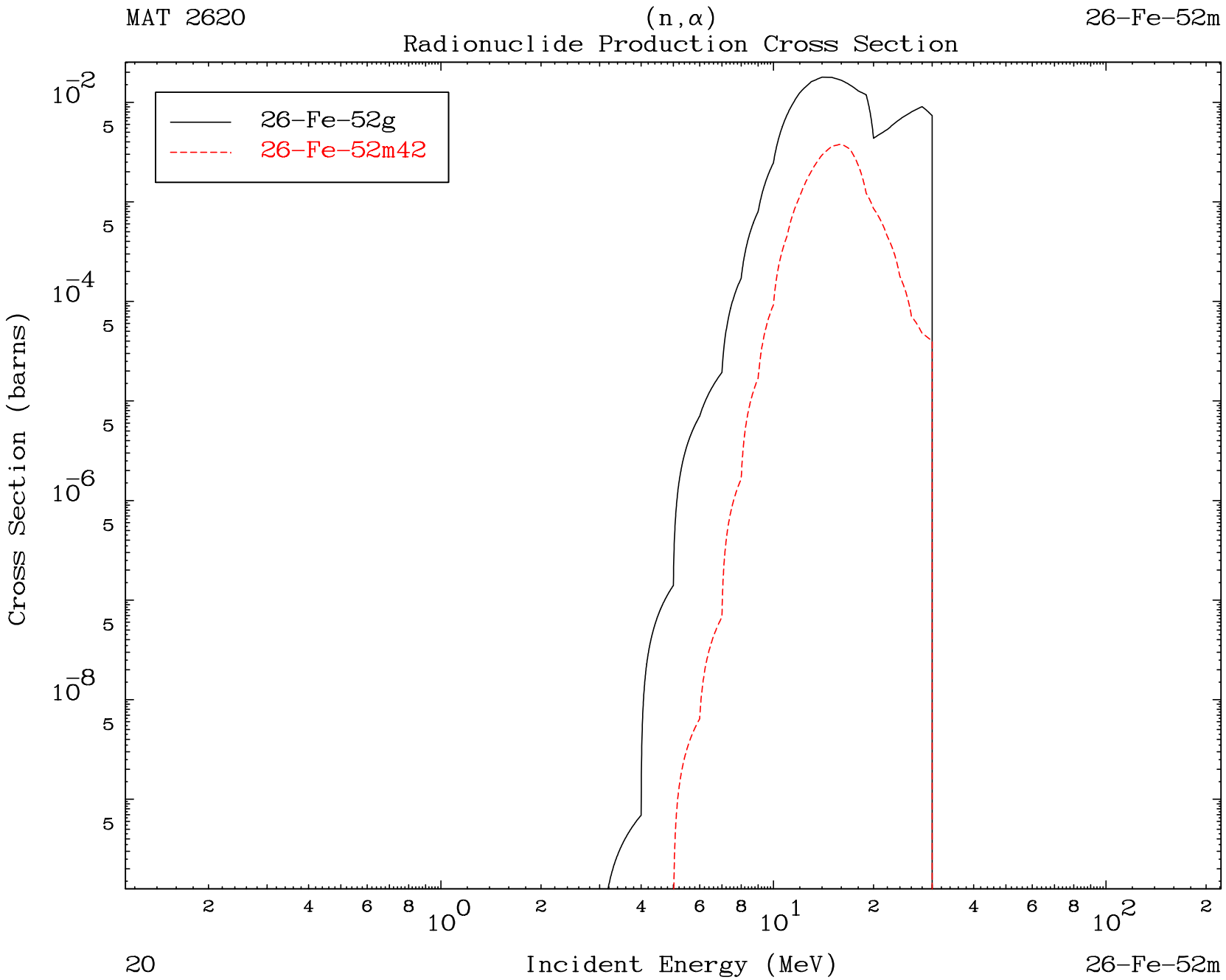

MAT 2620
(n,2n) p
26-Fe-52m
Radionuclide Production Cross Section
26-Fe-53g
26-Fe-53m22
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
26-Fe-52m

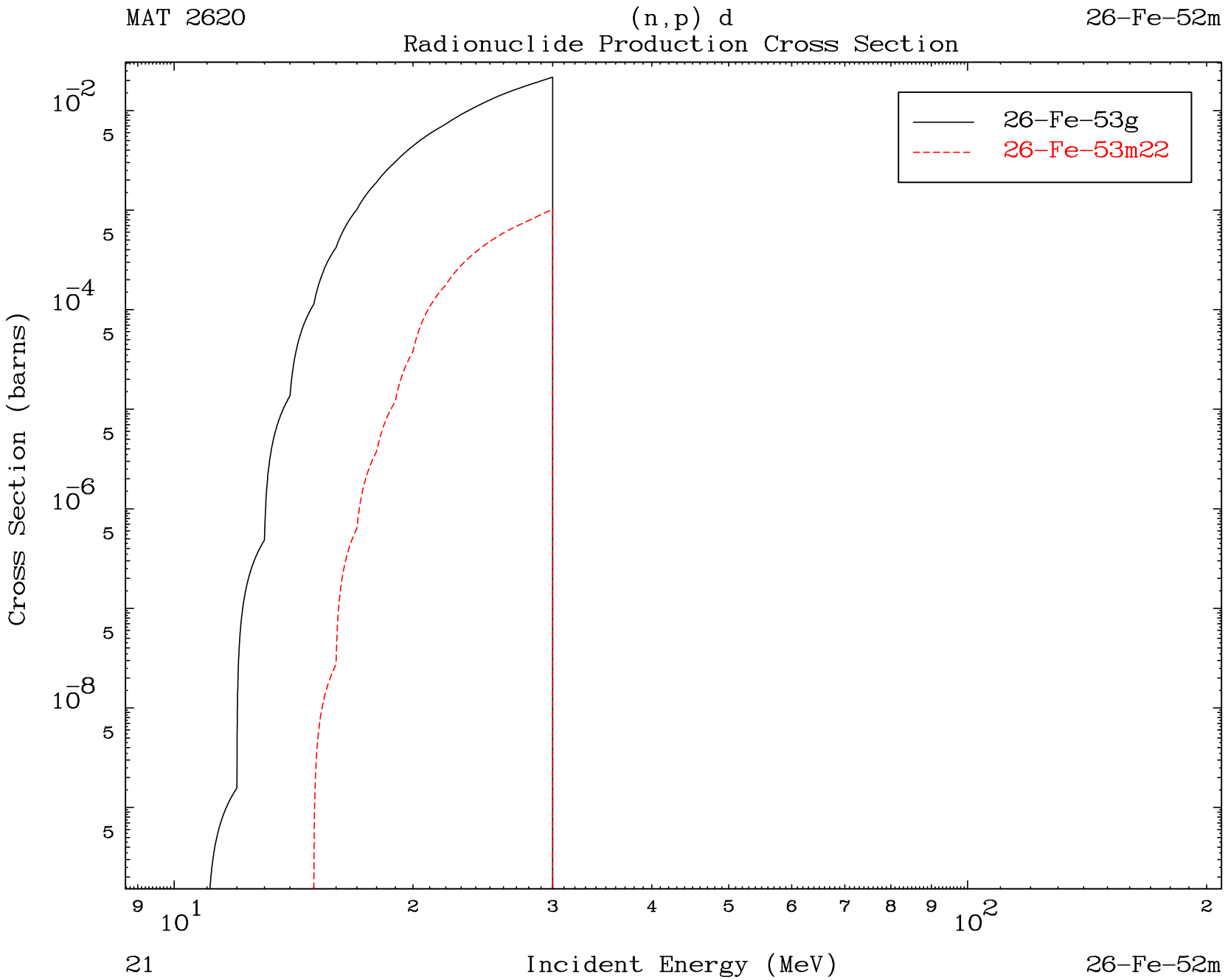

MAT 2620
(n,n') p α
26-Fe-52m
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
Incident Energy (MeV)
16
26-Fe-52m

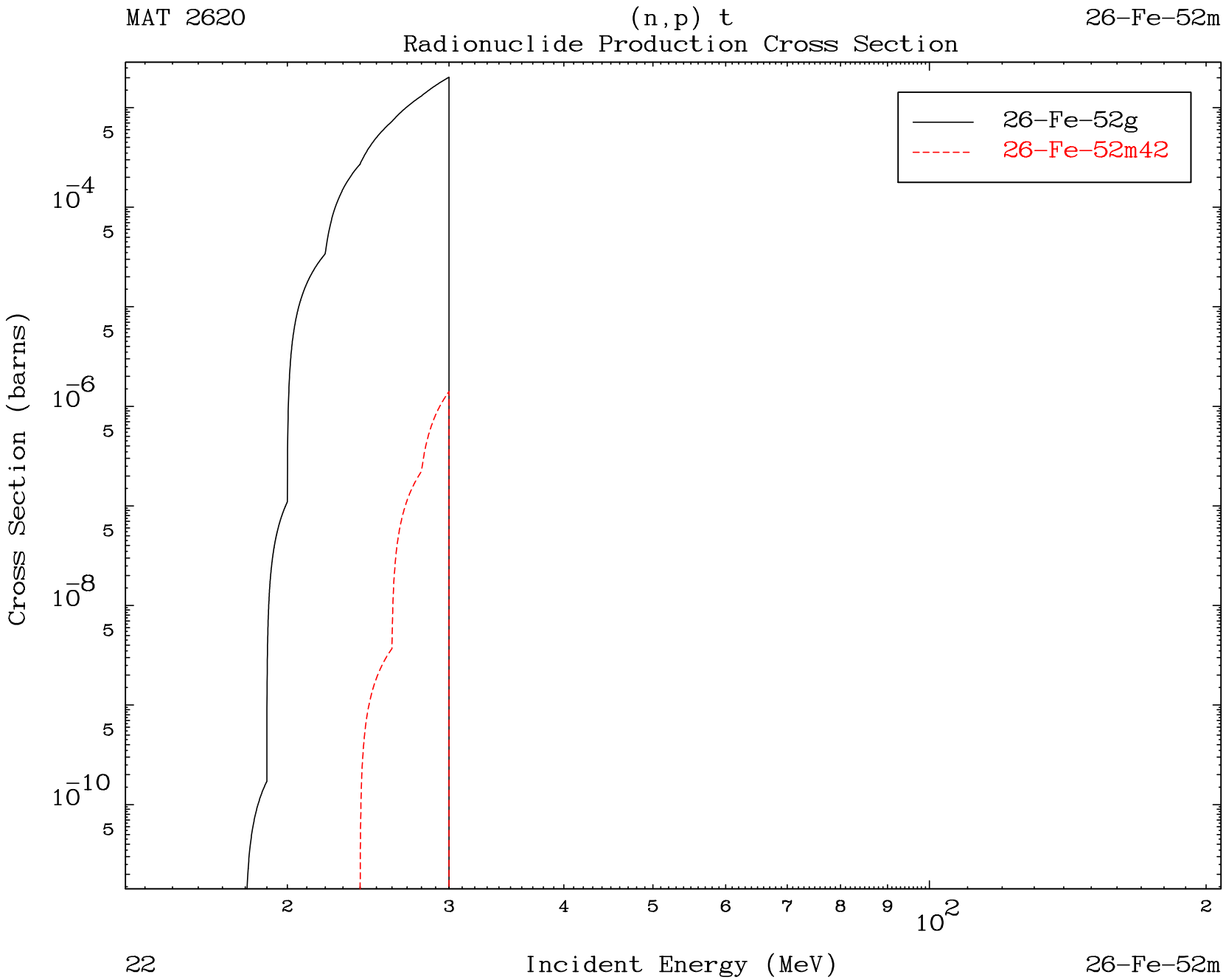

MAT 2620
(n,d)
26-Fe-52m
Radionuclide Production Cross Section
27-Co-54g
27-Co-54m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6
7
8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
26-Fe-52m

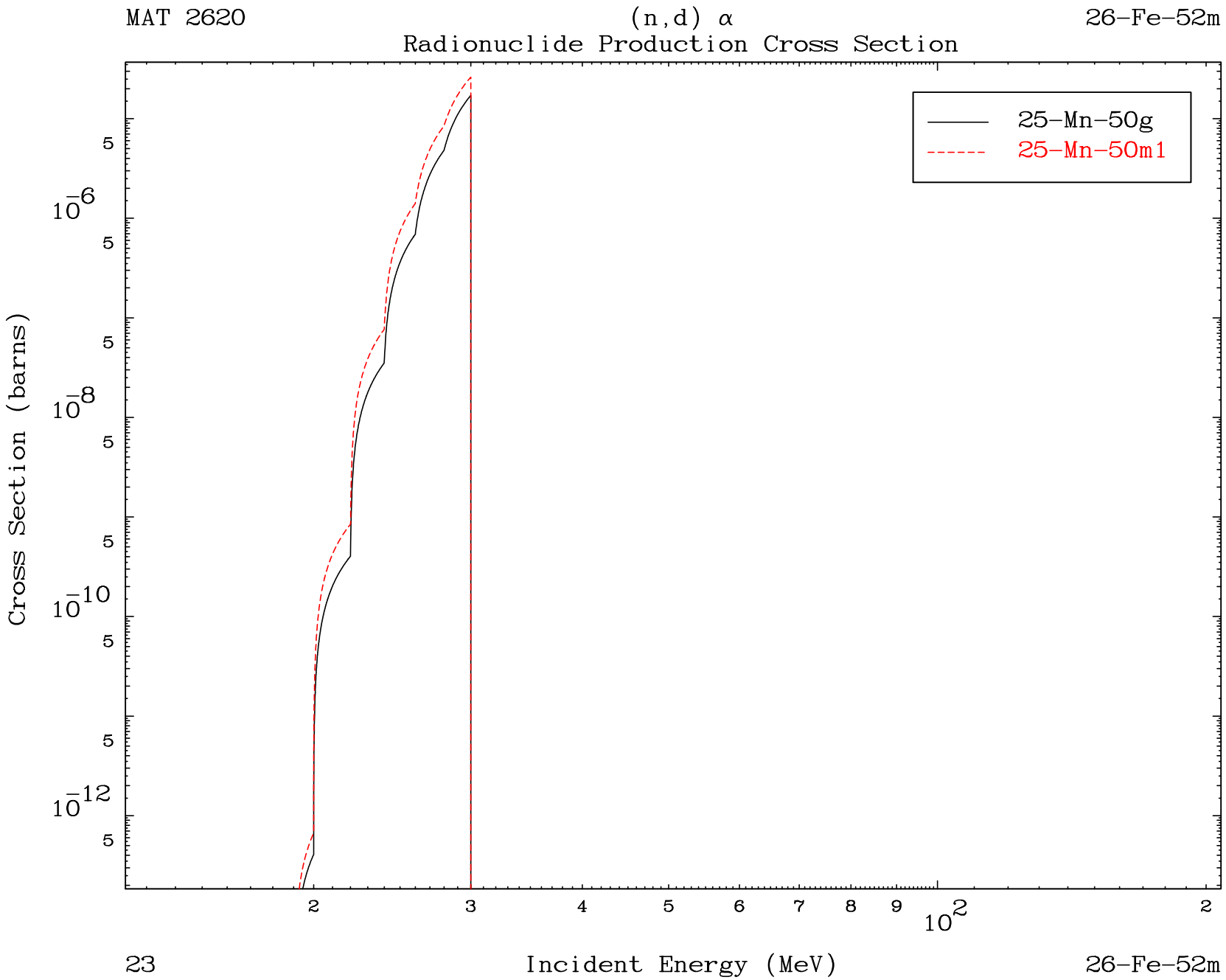

MAT 2620
(n,t)
26-Fe-52m
Radionuclide Production Cross Section
27-Co-53g
27-Co-53m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
26-Fe-52m


MAT 2620
(n,He-3)
26-Fe-52m
Radionuclide Production Cross Section
26-Fe-53g
26-Fe-53m22
Cross Section (barns)
10-4
10-6
10-8
10-10
5
3
4
5
6
7
8
9
10 1
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
26-Fe-52m


MAT 2620
(n,α)
26-Fe-52m
Radionuclide Production Cross Section
26-Fe-52g
26-Fe-52m42
Cross Section (barns)
Incident Energy (MeV)
20
26-Fe-52m


MAT 2620
(n,p) d
26-Fe-52m
Radionuclide Production Cross Section
26-Fe-53g
26-Fe-53m22
Cross Section (barns)
Incident Energy (MeV)
21
26-Fe-52m


MAT 2620
(n,p) t
26-Fe-52m
Radionuclide Production Cross Section
26-Fe-52g
26-Fe-52m42
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
22
Incident Energy (MeV)
26-Fe-52m


MAT 2620
(n,d) α
26-Fe-52m
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
23
Incident Energy (MeV)
26-Fe-52m