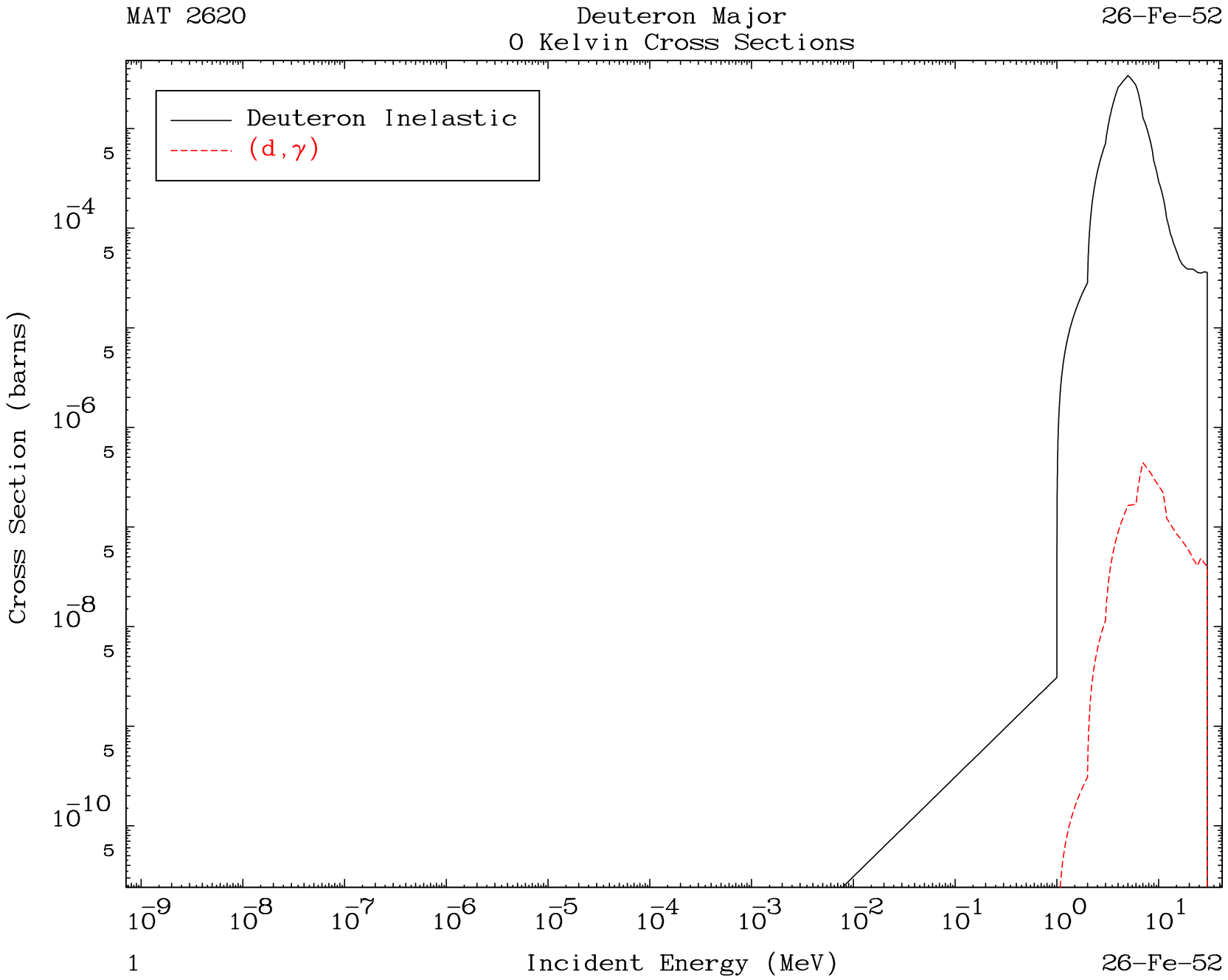
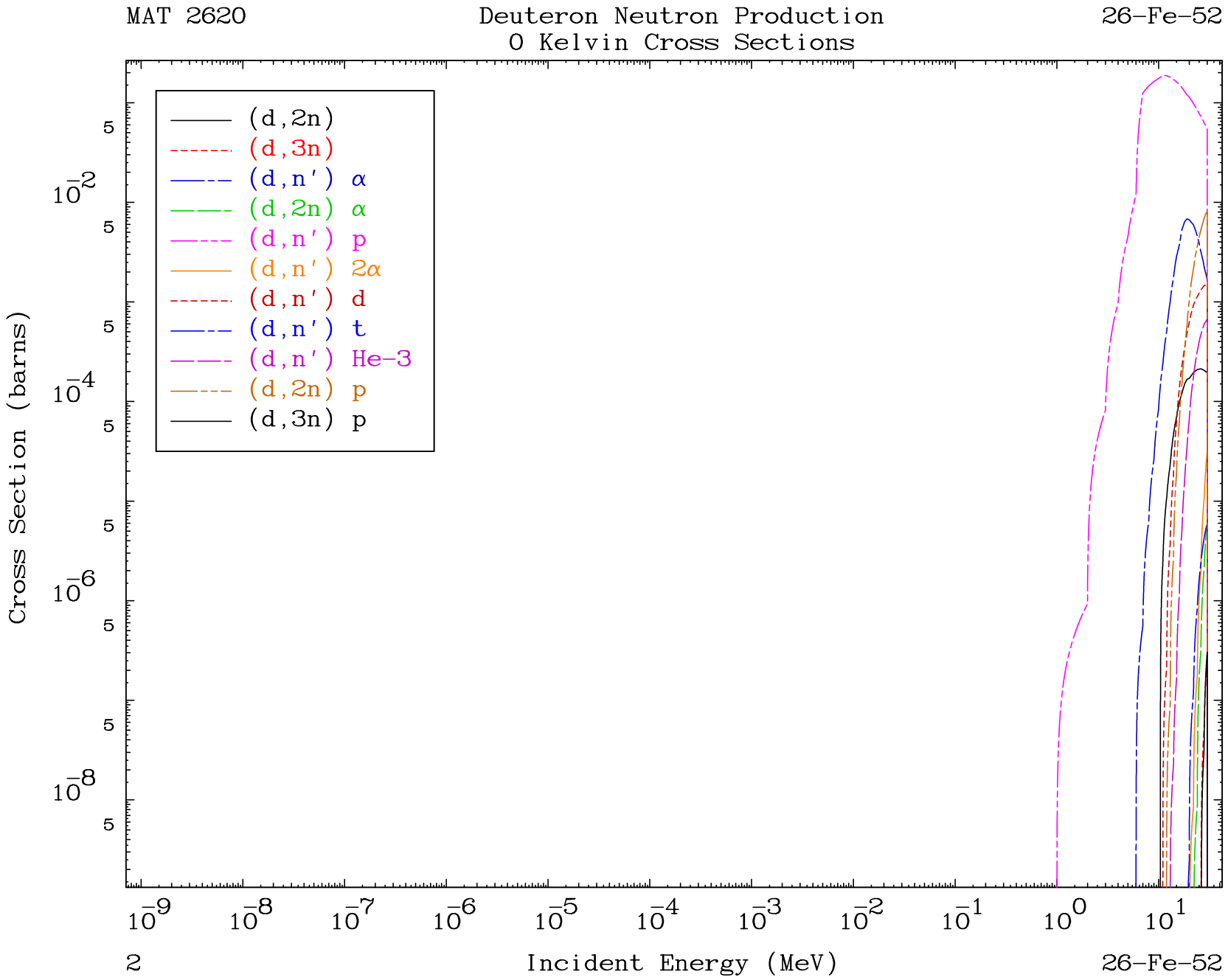
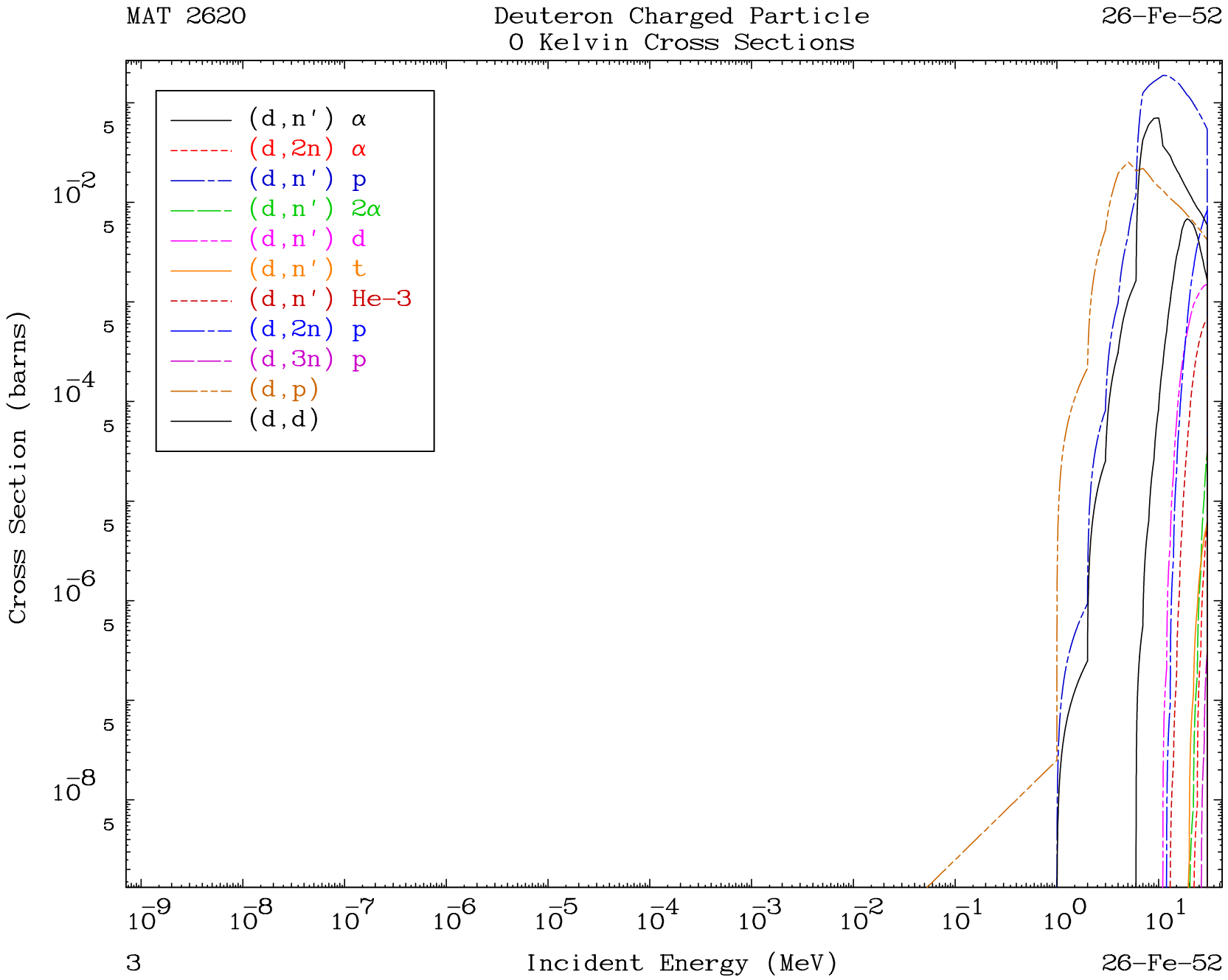
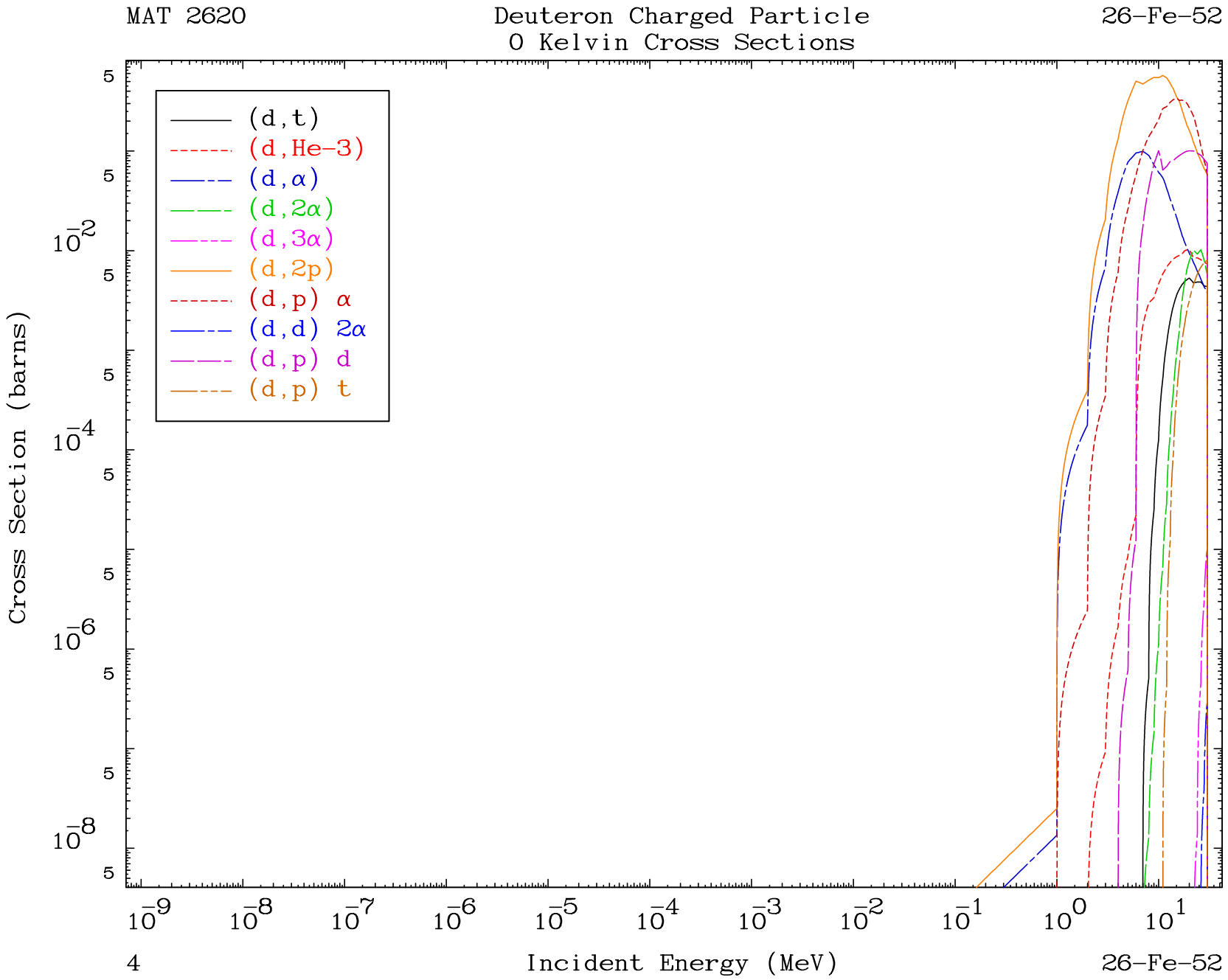
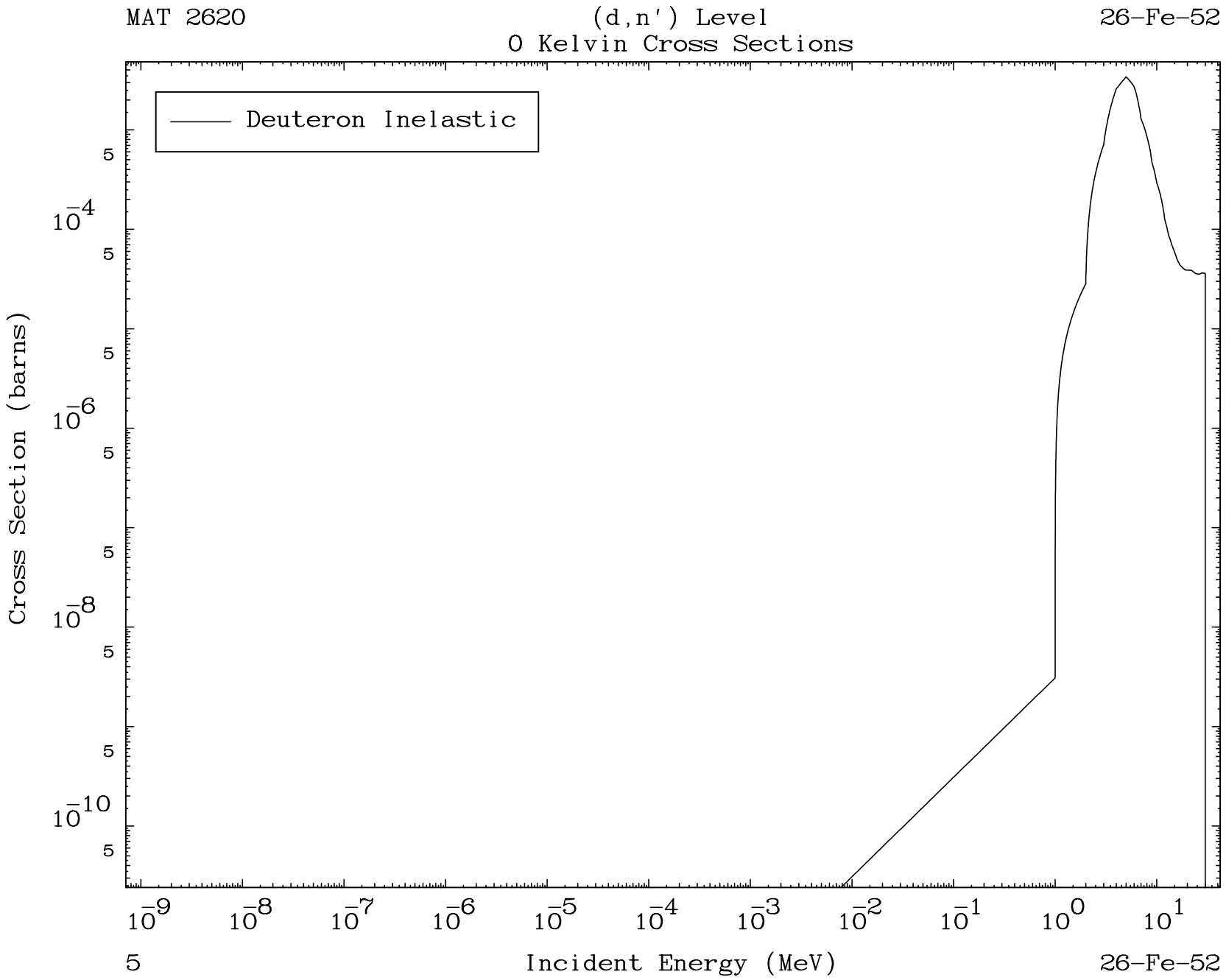
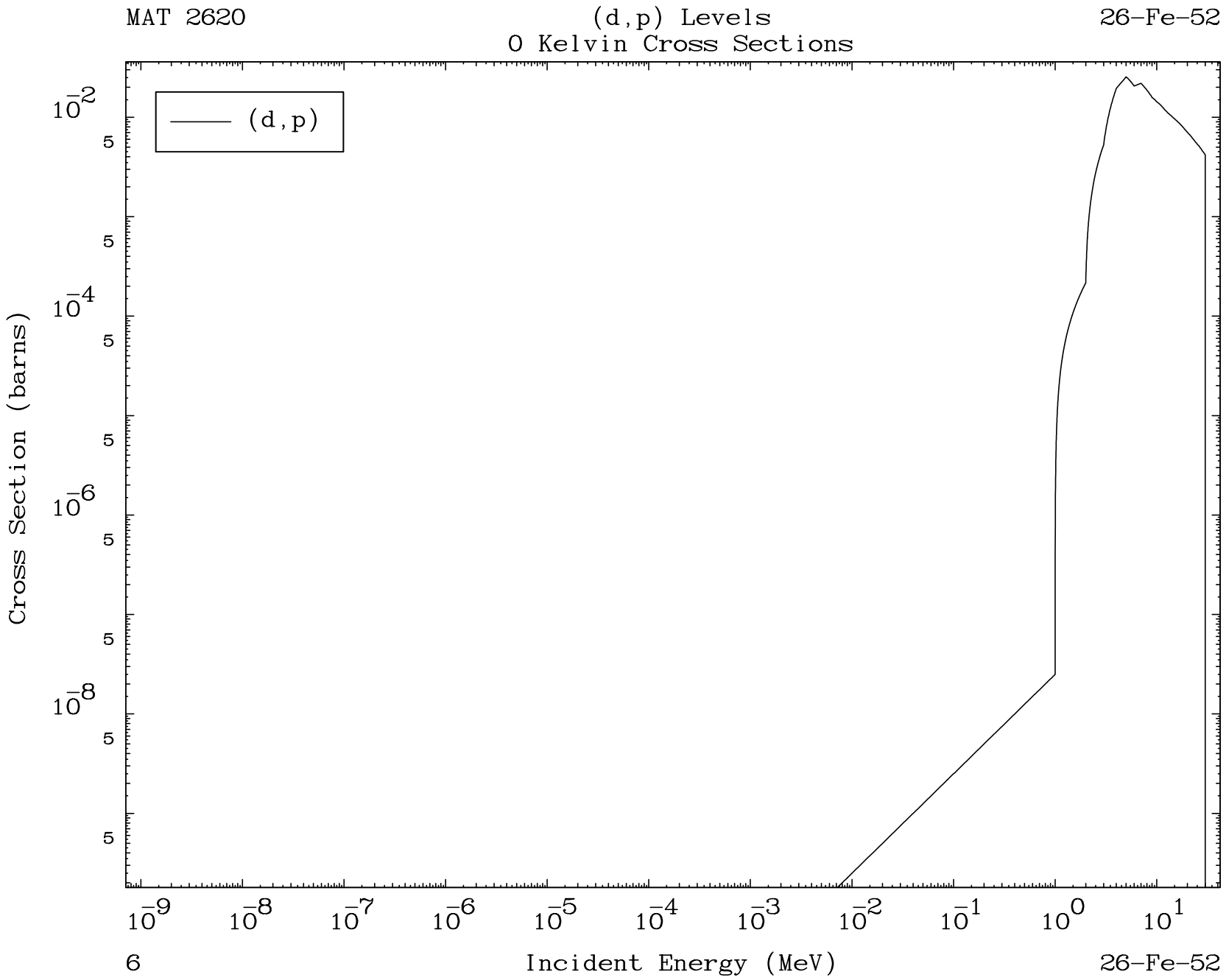

MAT 2620
Deuteron Major
26-Fe-52
0 Kelvin Cross Sections
Deuteron Inelastic
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52
1

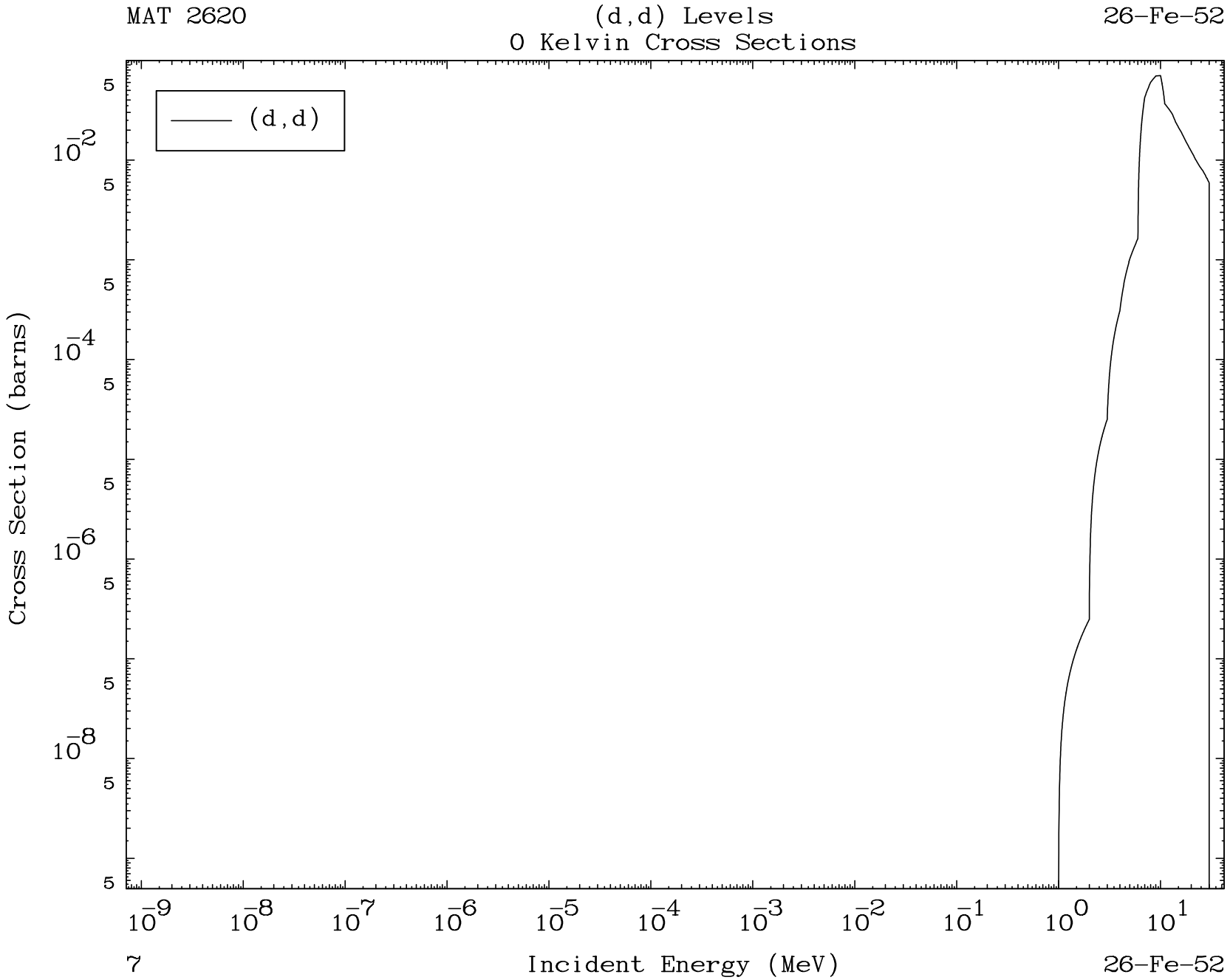

MAT 2620
Deuteron Neutron Production
0 Kelvin Cross Sections
26-Fe-52
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52
2

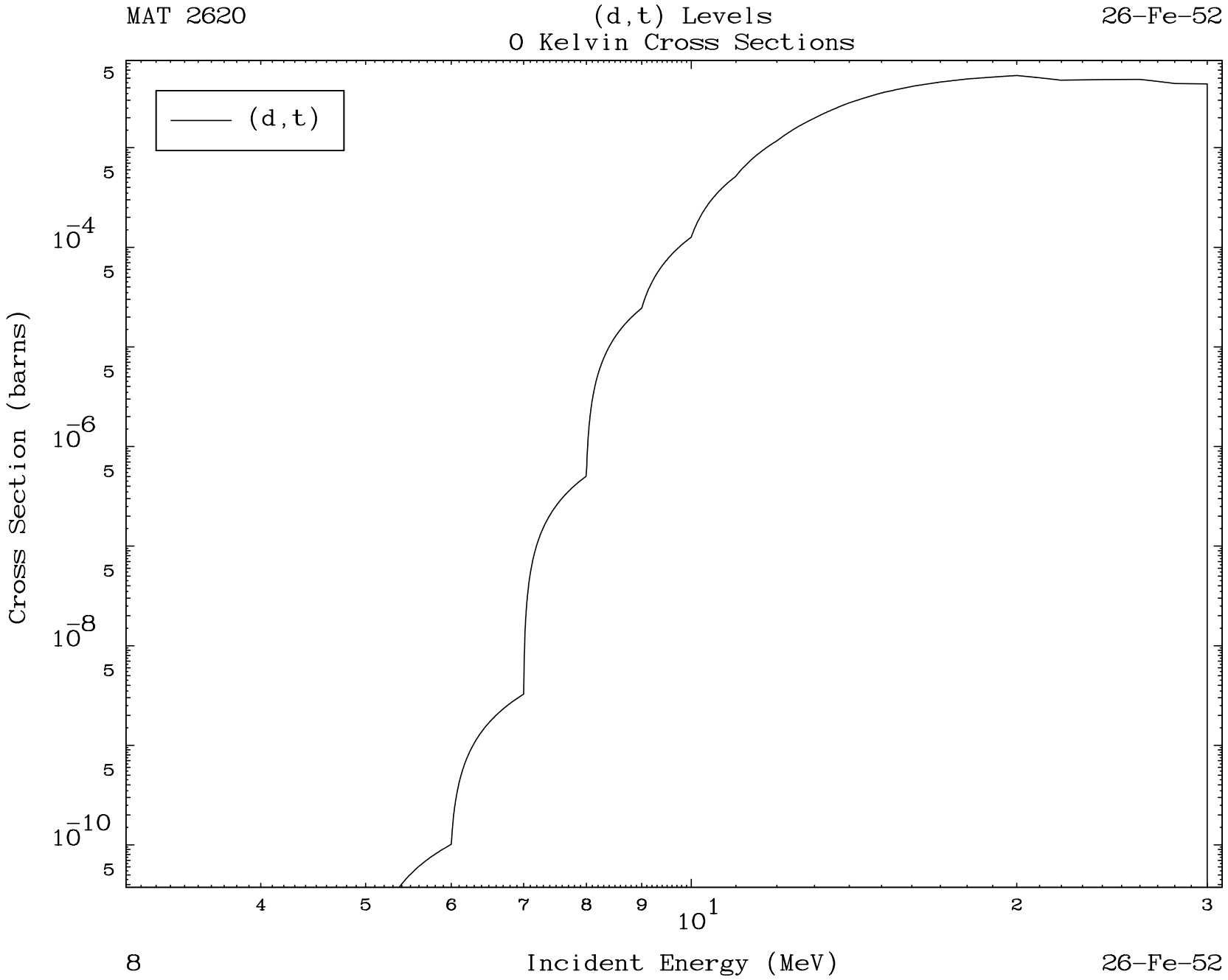

MAT 2620
Deuteron Charged Particle
0 Kelvin Cross Sections
26-Fe-52
(d,n') α
(d,2n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
(d,p)
(d,d)
Cross Section (barns)
Incident Energy (MeV)
3
26-Fe-52

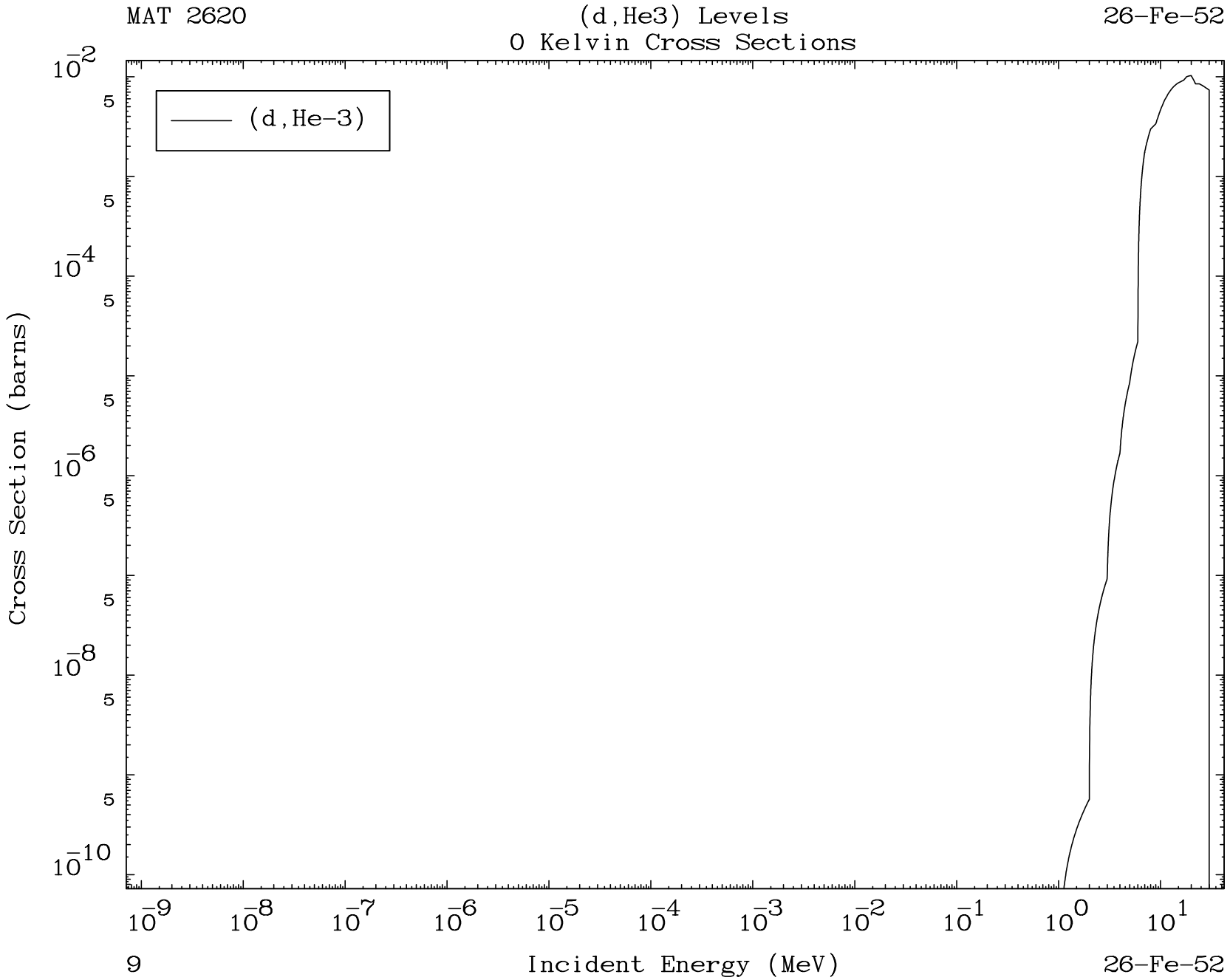

MAT 2620
Deuteron Charged Particle
0 Kelvin Cross Sections
26-Fe-52
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,3α)
(d,2p)
(d,p) α
(d,d) 2α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
4
26-Fe-52

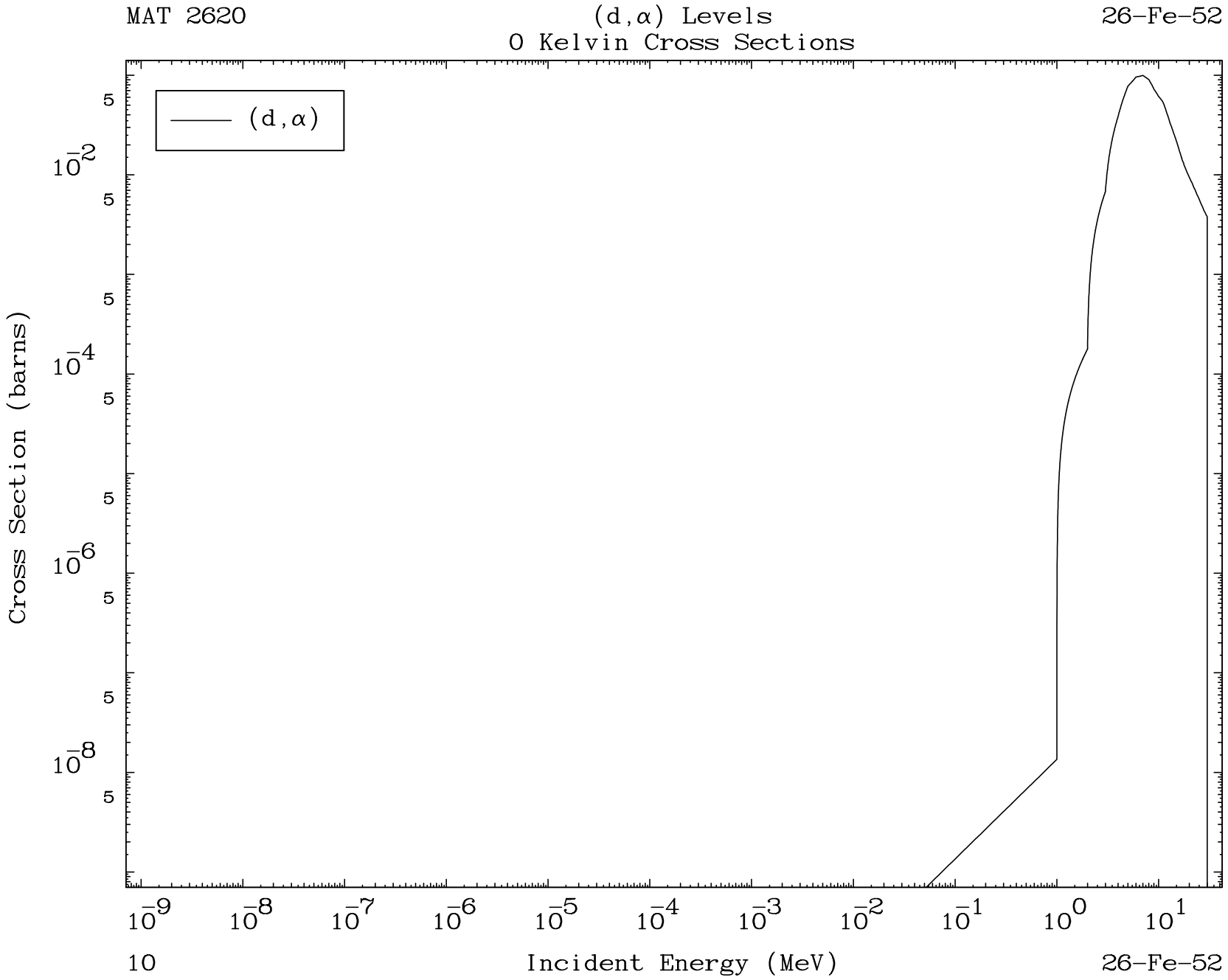

MAT 2620
(d,n') Level
26-Fe-52
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-4
10-6
10-8
10-10
5
10-9
10-8
10-7
10-6
10-5
10-4
10-3
10-2
10-1
100
101
Incident Energy (MeV)
26-Fe-52

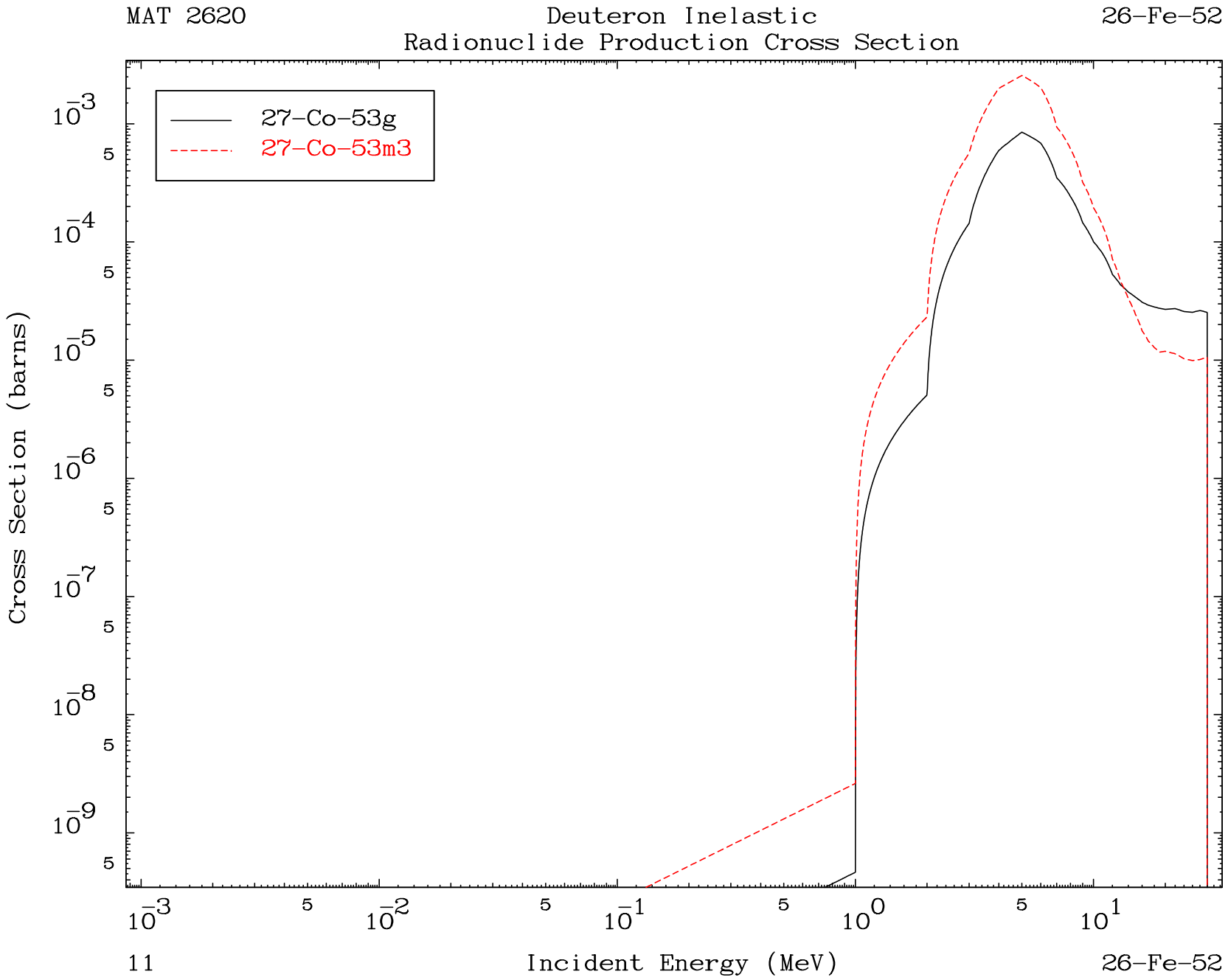

MAT 2620
(d,p) Levels
26-Fe-52
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
6
26-Fe-52

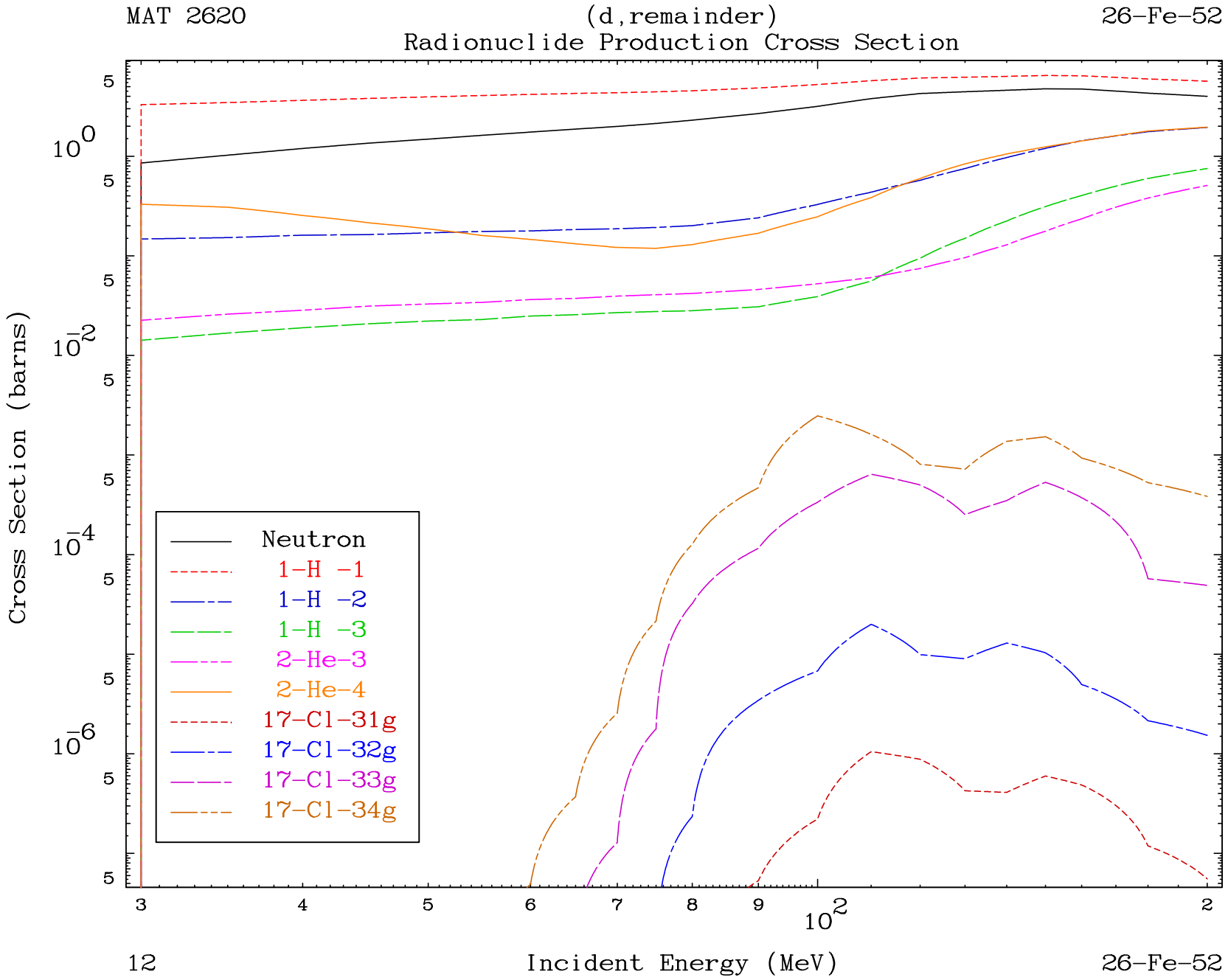

MAT 2620
(d,d) Levels
26-Fe-52
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
26-Fe-52
7

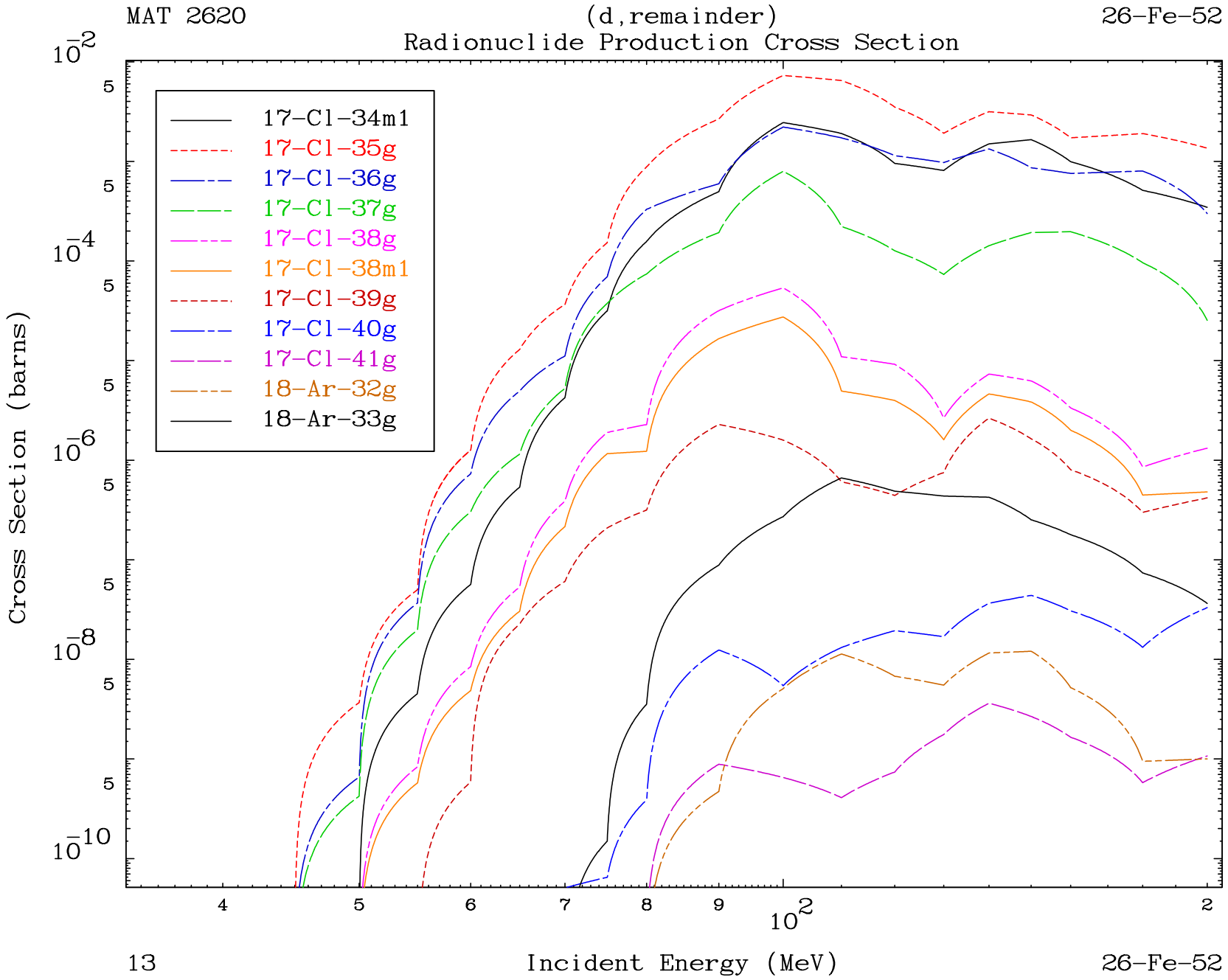

MAT 2620
(d,t) Levels
26-Fe-52
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
8
26-Fe-52

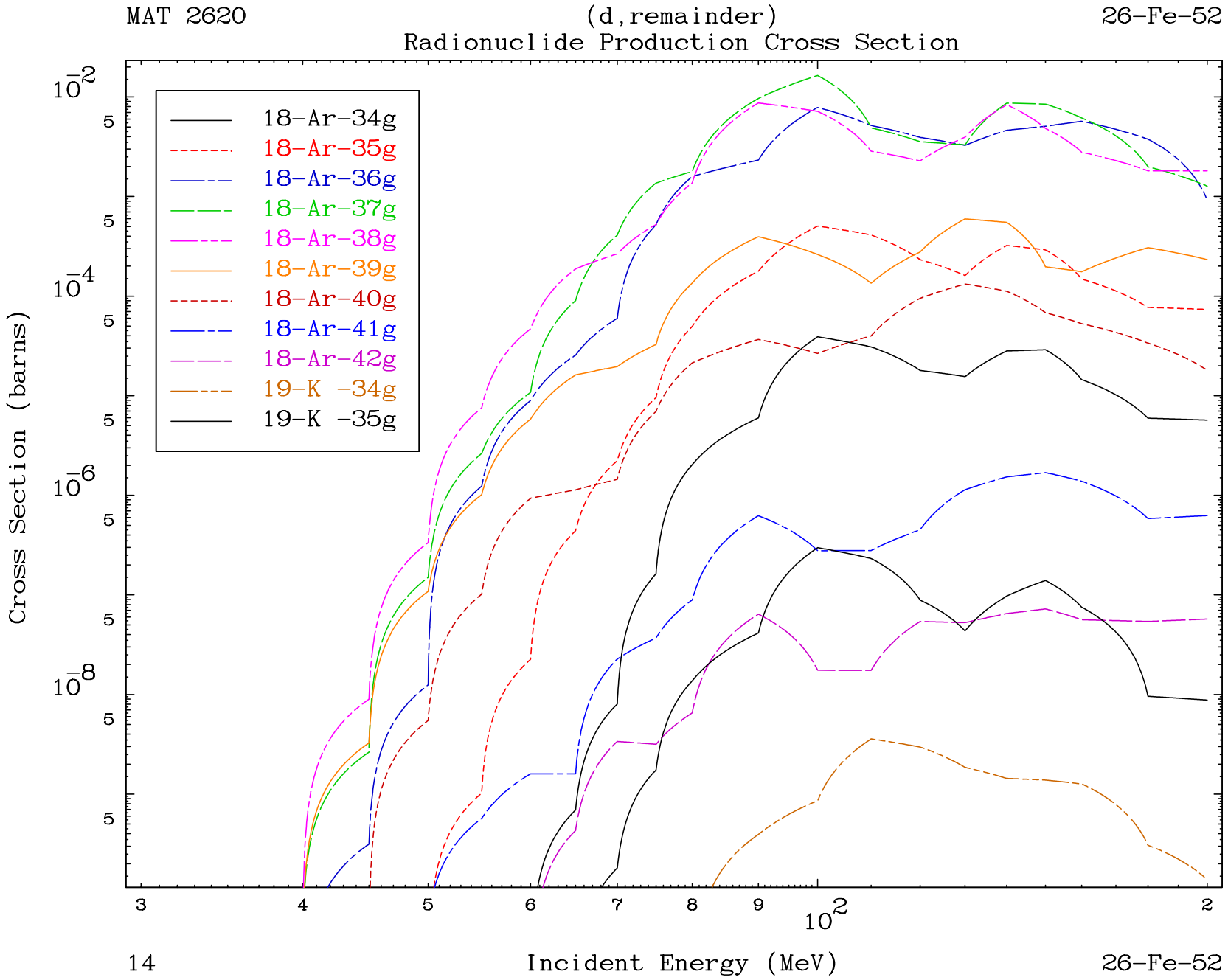

MAT 2620
(d,He3) Levels
26-Fe-52
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
26-Fe-52

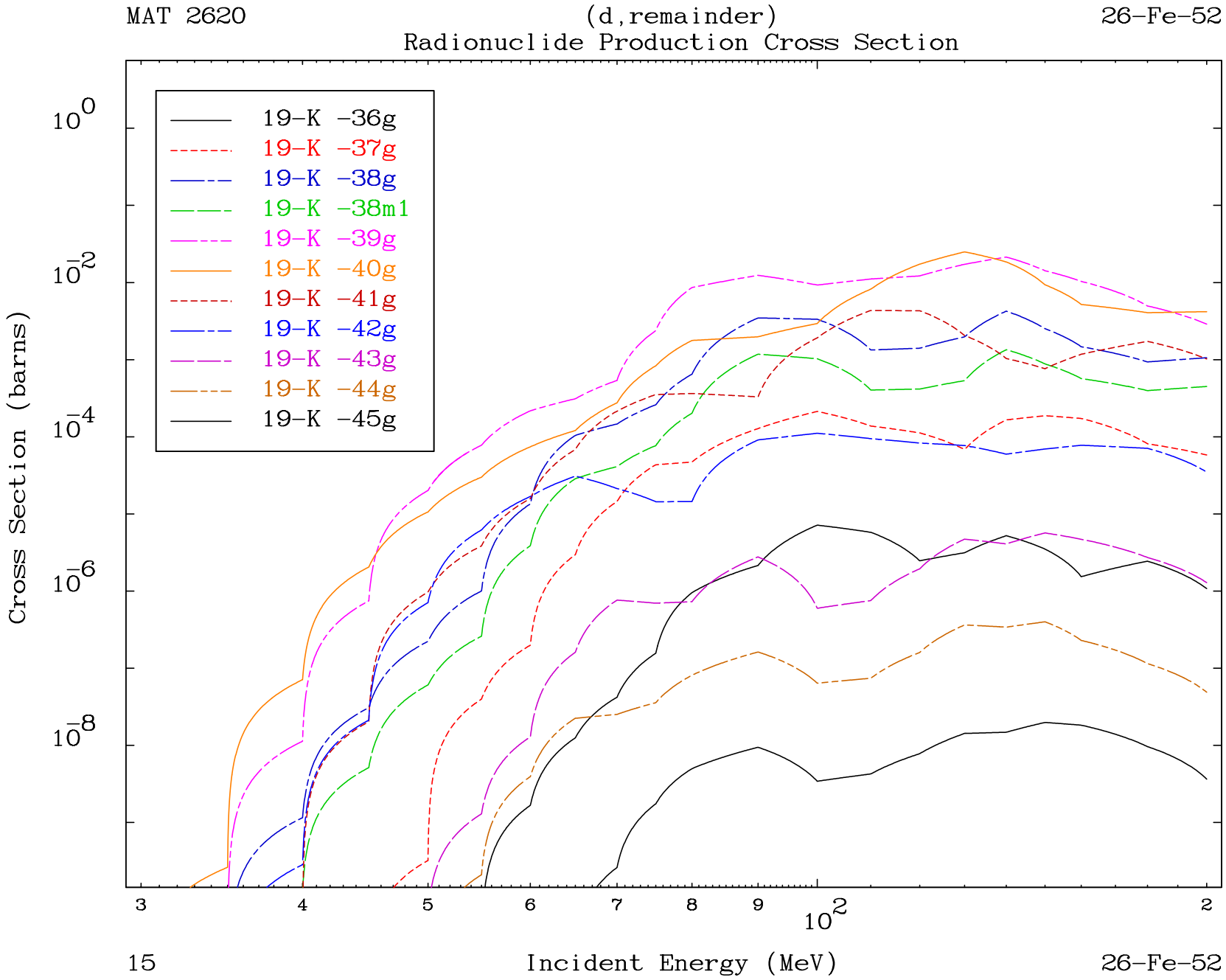

MAT 2620
(d,α) Levels
26-Fe-52
0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1
10
Incident Energy (MeV)
26-Fe-52

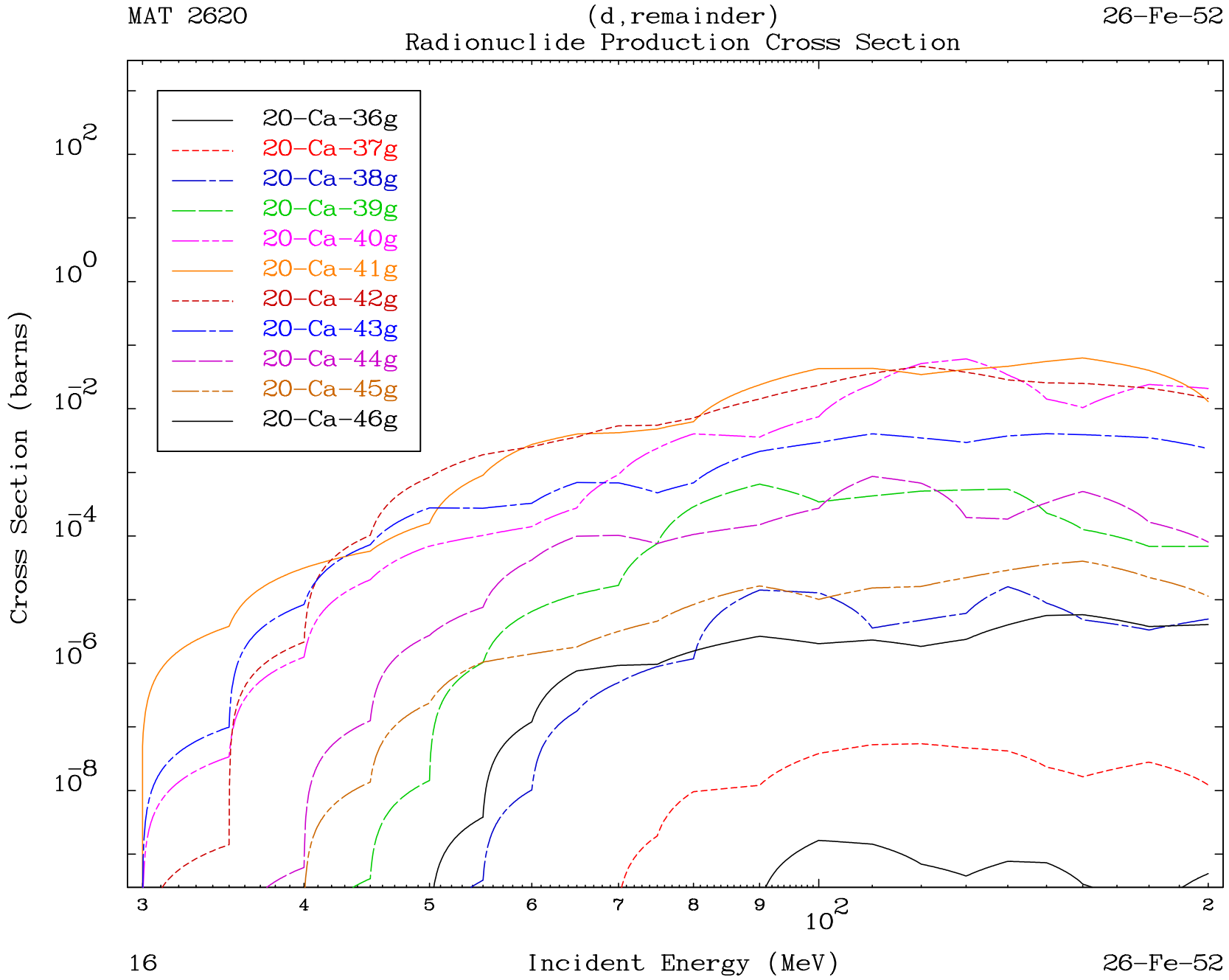

MAT 2620
Deuteron Inelastic
Radionuclide Production Cross Section
26-Fe-52
27-Co-53g
27-Co-53m3
Cross Section (barns)
Incident Energy (MeV)
11
26-Fe-52

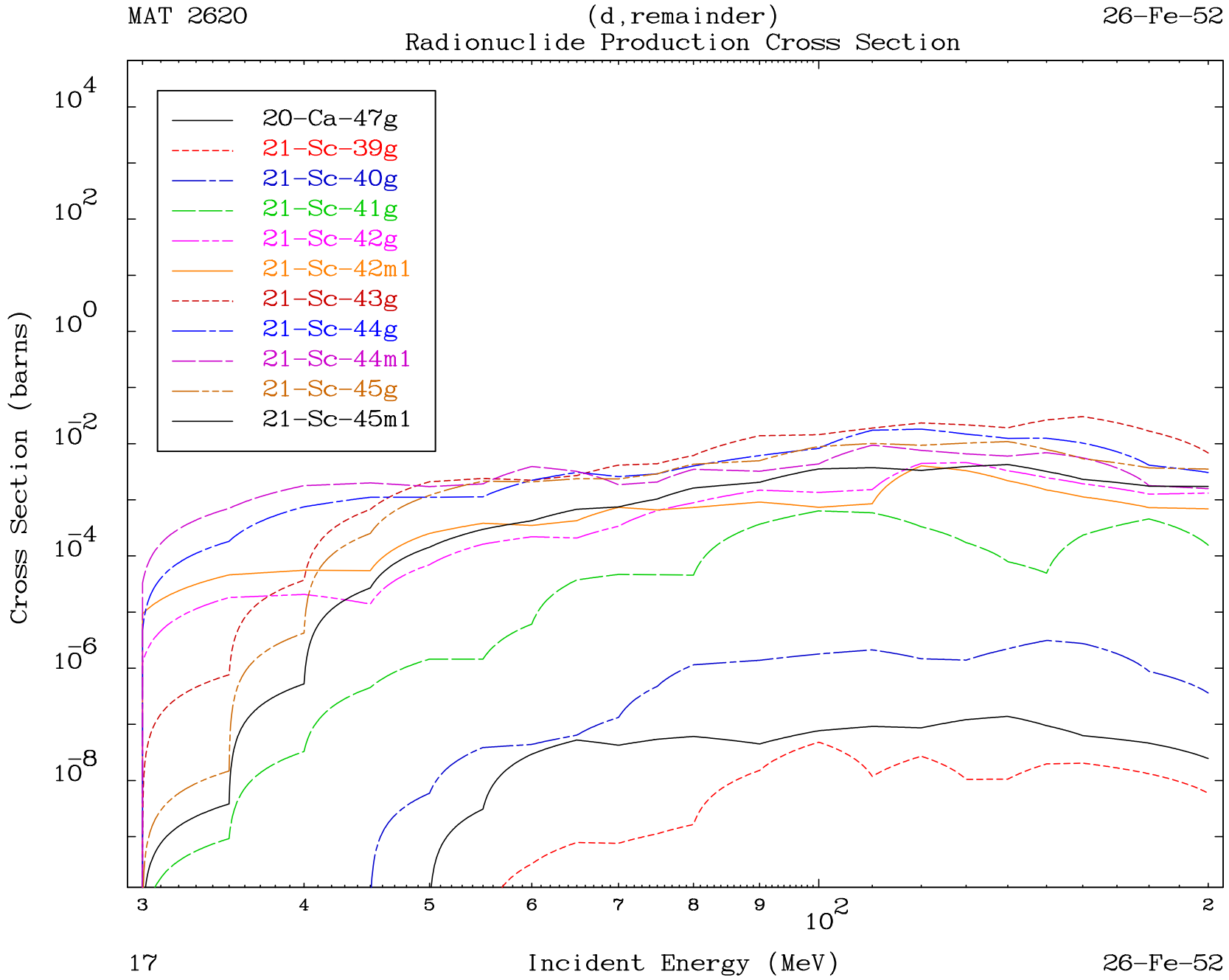

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
Neutron
1-H -1
1-H -2
1-H -3
2-He-3
2-He-4
17-Cl-31g
17-Cl-32g
17-Cl-33g
17-Cl-34g
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
26-Fe-52

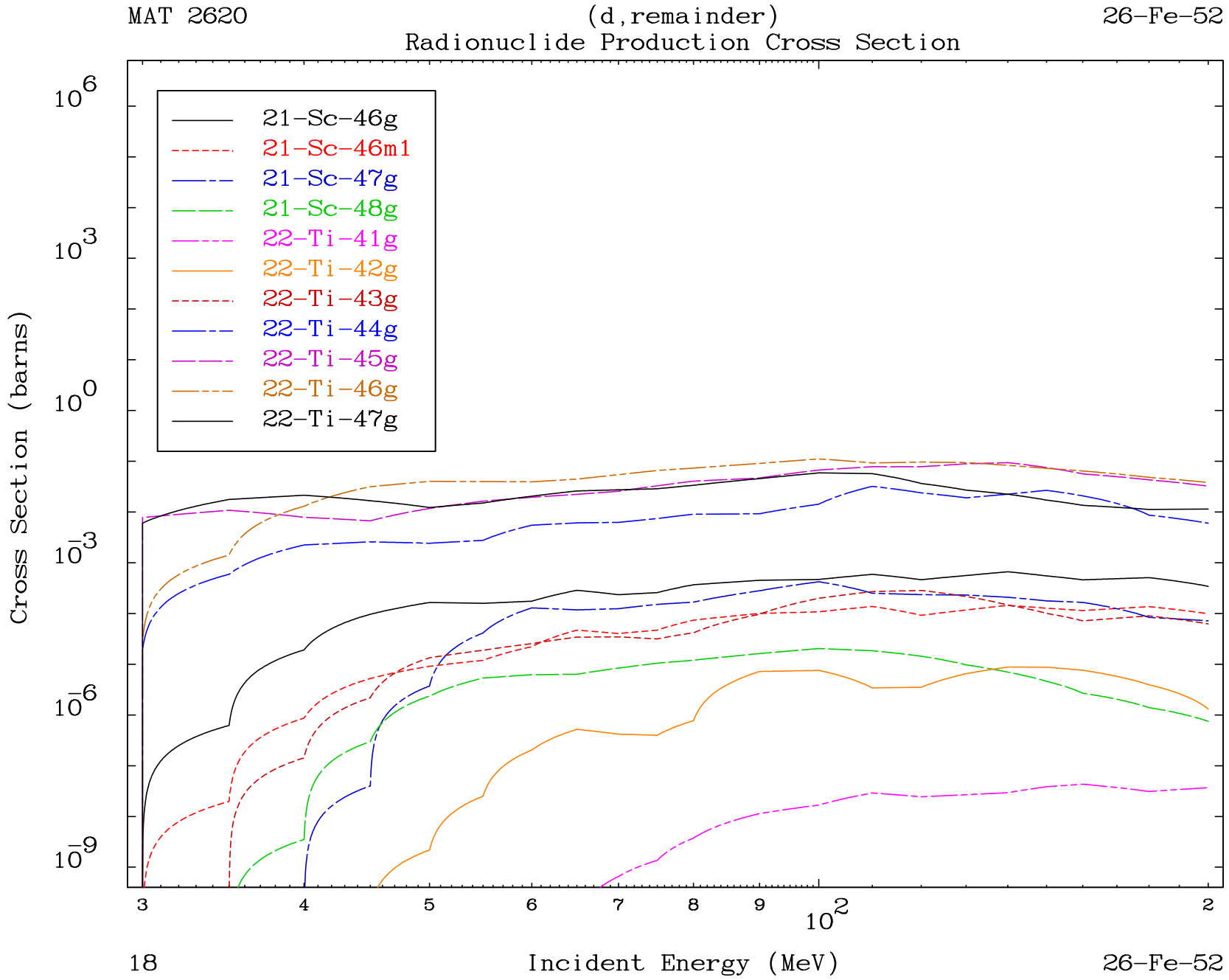

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
17-Cl-34m1
17-Cl-35g
17-Cl-36g
17-Cl-37g
17-Cl-38g
17-Cl-38m1
17-Cl-39g
17-Cl-40g
17-Cl-41g
18-Ar-32g
18-Ar-33g
Cross Section (barns)
Incident Energy (MeV)
13
26-Fe-52

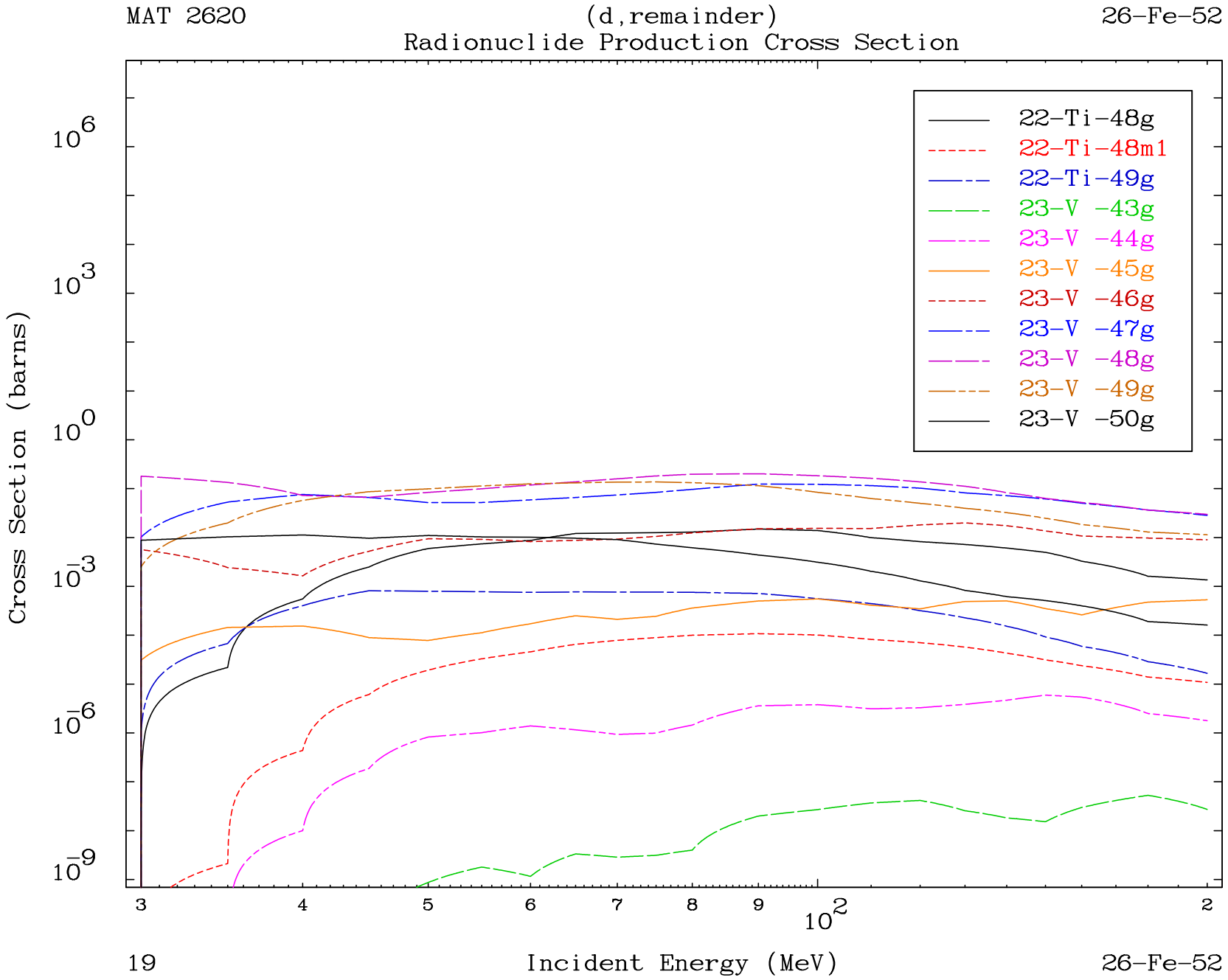

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
18-Ar-34g
18-Ar-35g
18-Ar-36g
18-Ar-37g
18-Ar-38g
18-Ar-39g
18-Ar-40g
18-Ar-41g
18-Ar-42g
19-K -34g
19-K -35g
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3
4
5
6
7
8
9
10 2
2
14
Incident Energy (MeV)
26-Fe-52

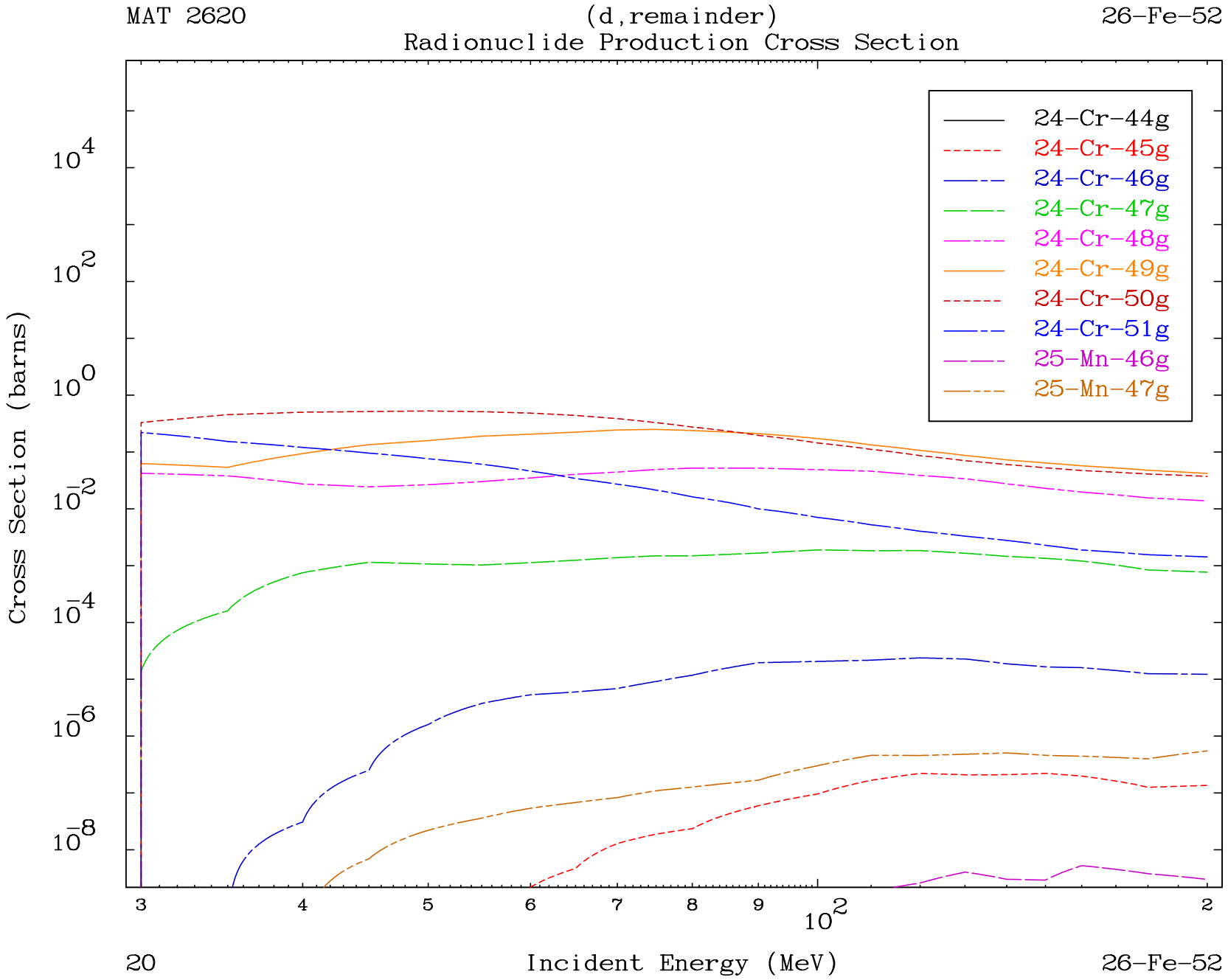

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
19-K -36g
19-K -37g
19-K -38g
19-K -38m1
19-K -39g
19-K -40g
19-K -41g
19-K -42g
19-K -43g
19-K -44g
19-K -45g
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
15
Incident Energy (MeV)
26-Fe-52

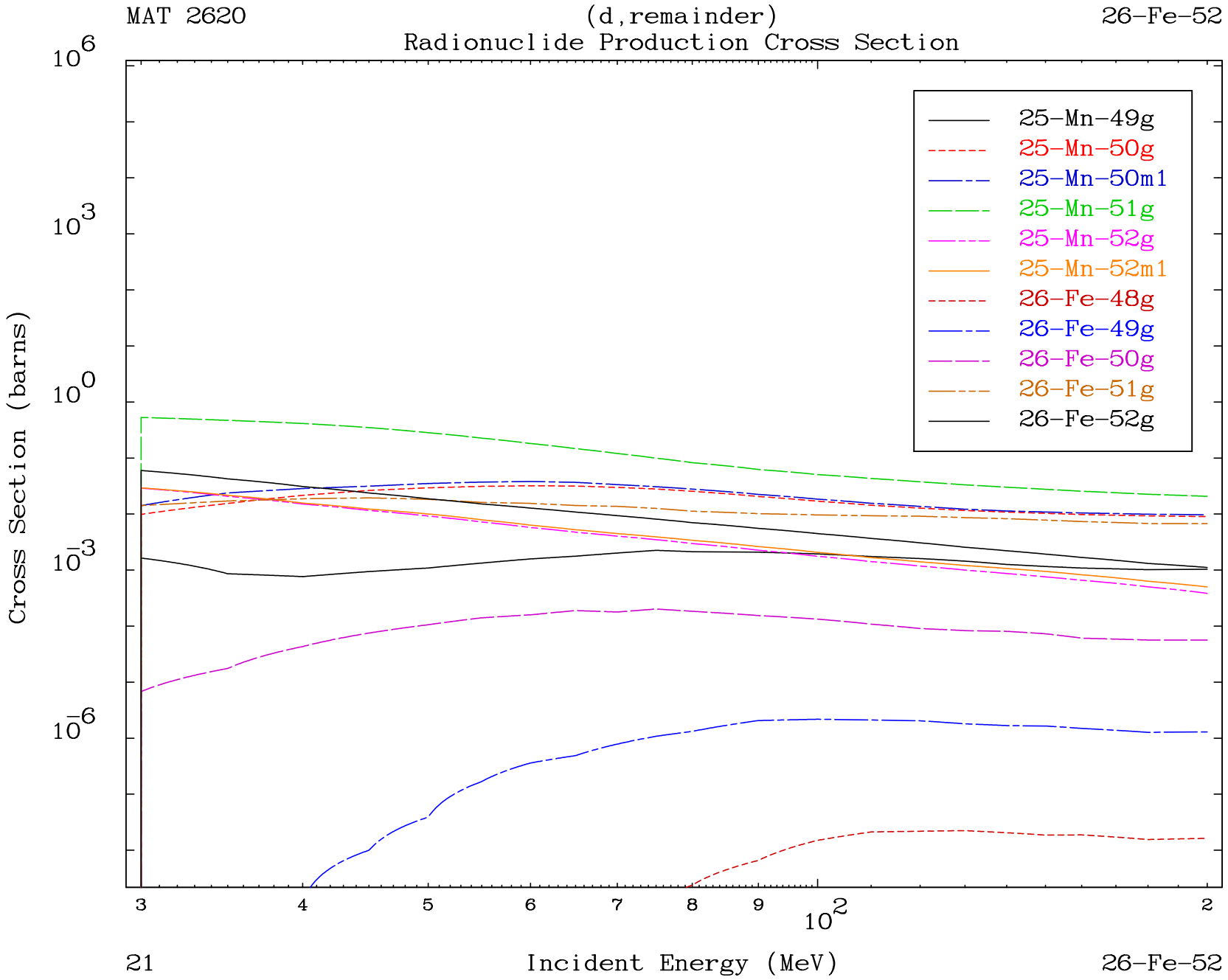

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
20-Ca-36g
20-Ca-37g
20-Ca-38g
20-Ca-39g
20-Ca-40g
20-Ca-41g
20-Ca-42g
20-Ca-43g
20-Ca-44g
20-Ca-45g
20-Ca-46g
Cross Section (barns)
10^2
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
16
Incident Energy (MeV)
26-Fe-52

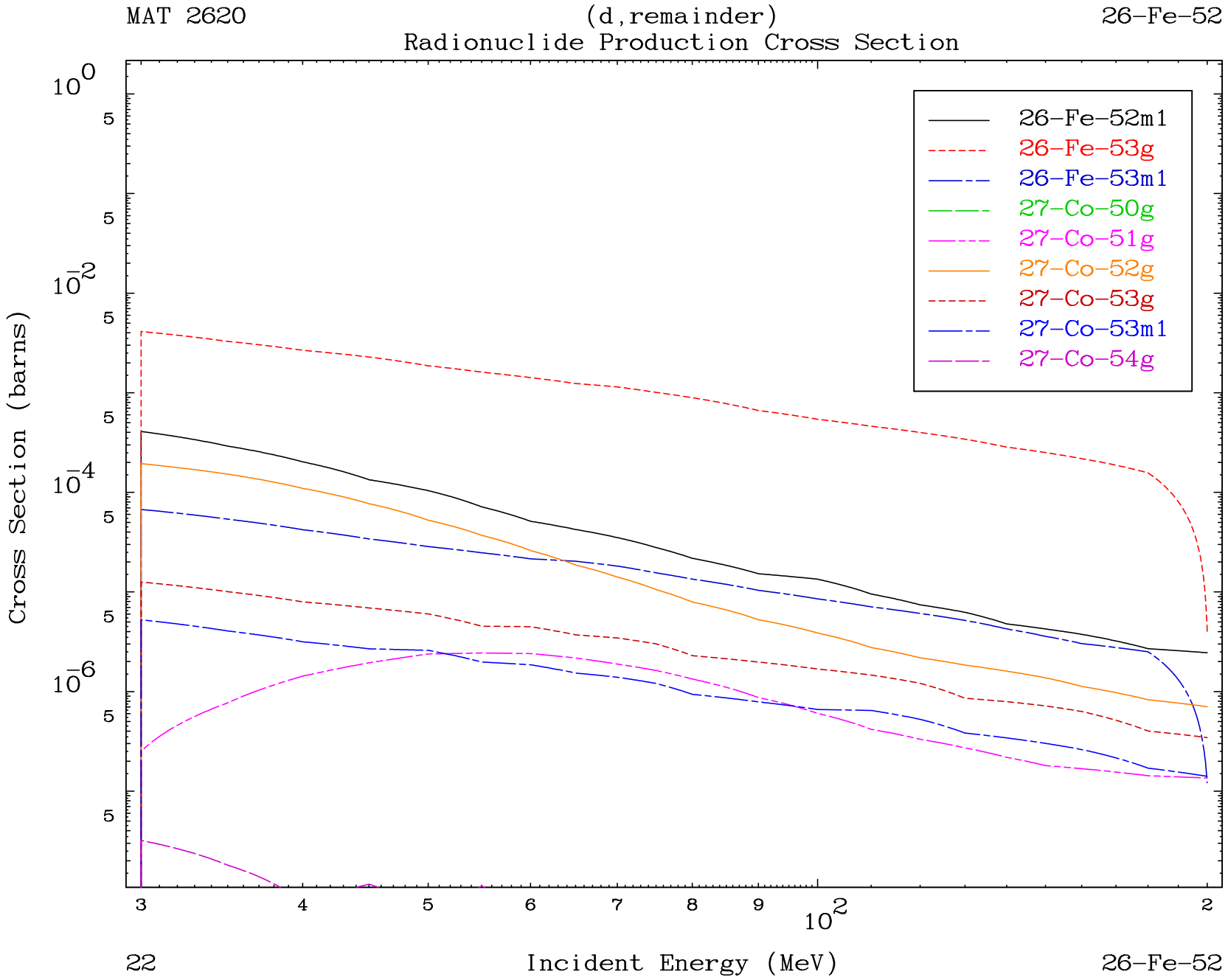

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
20-Ca-47g
21-Sc-39g
21-Sc-40g
21-Sc-41g
21-Sc-42g
21-Sc-42m1
21-Sc-43g
21-Sc-44g
21-Sc-44m1
21-Sc-45g
21-Sc-45m1
Cross Section (barns)
10^4
10^2
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
17
Incident Energy (MeV)
26-Fe-52

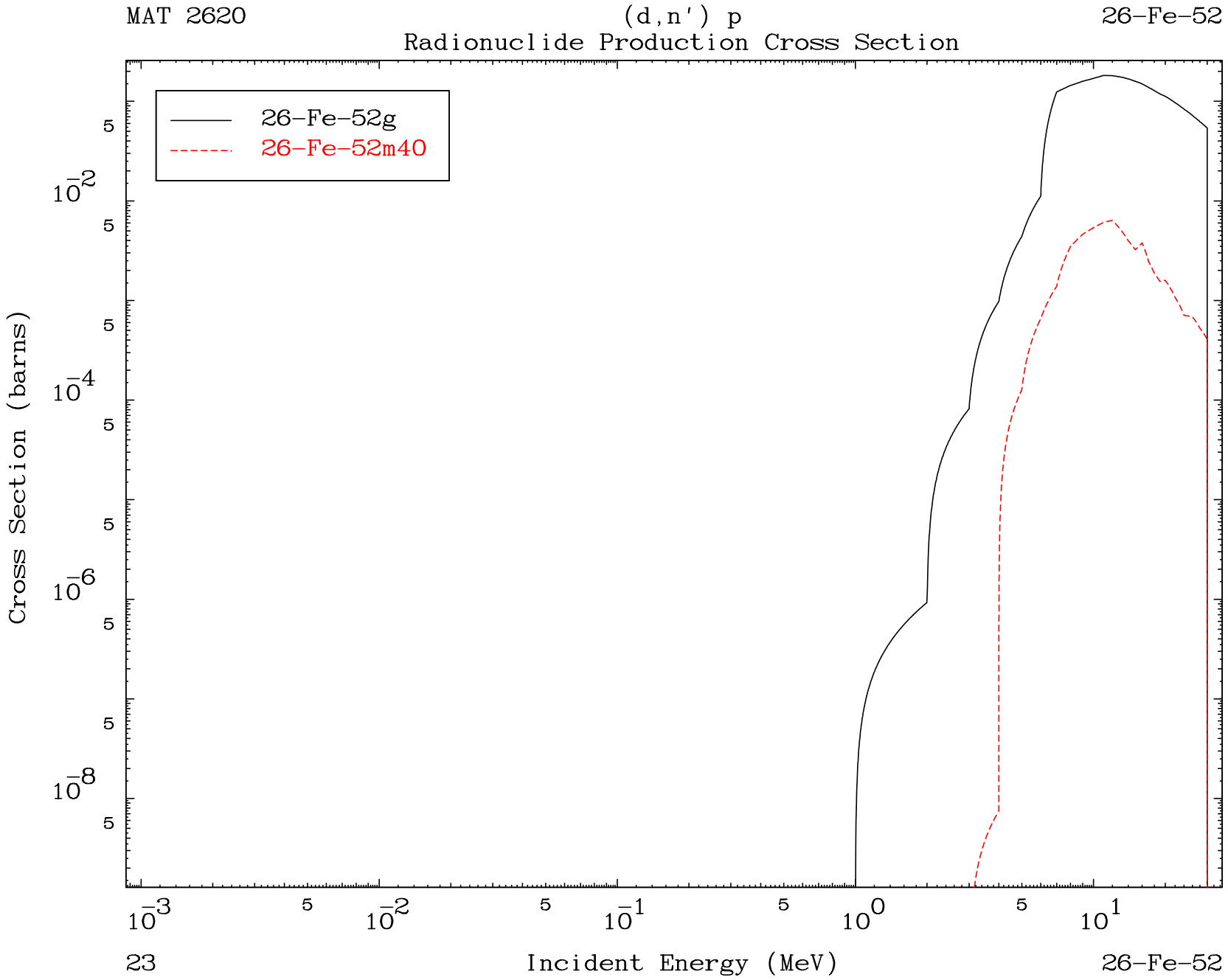

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
21-Sc-46g
21-Sc-46m1
21-Sc-47g
21-Sc-48g
22-Ti-41g
22-Ti-42g
22-Ti-43g
22-Ti-44g
22-Ti-45g
22-Ti-46g
22-Ti-47g
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
26-Fe-52

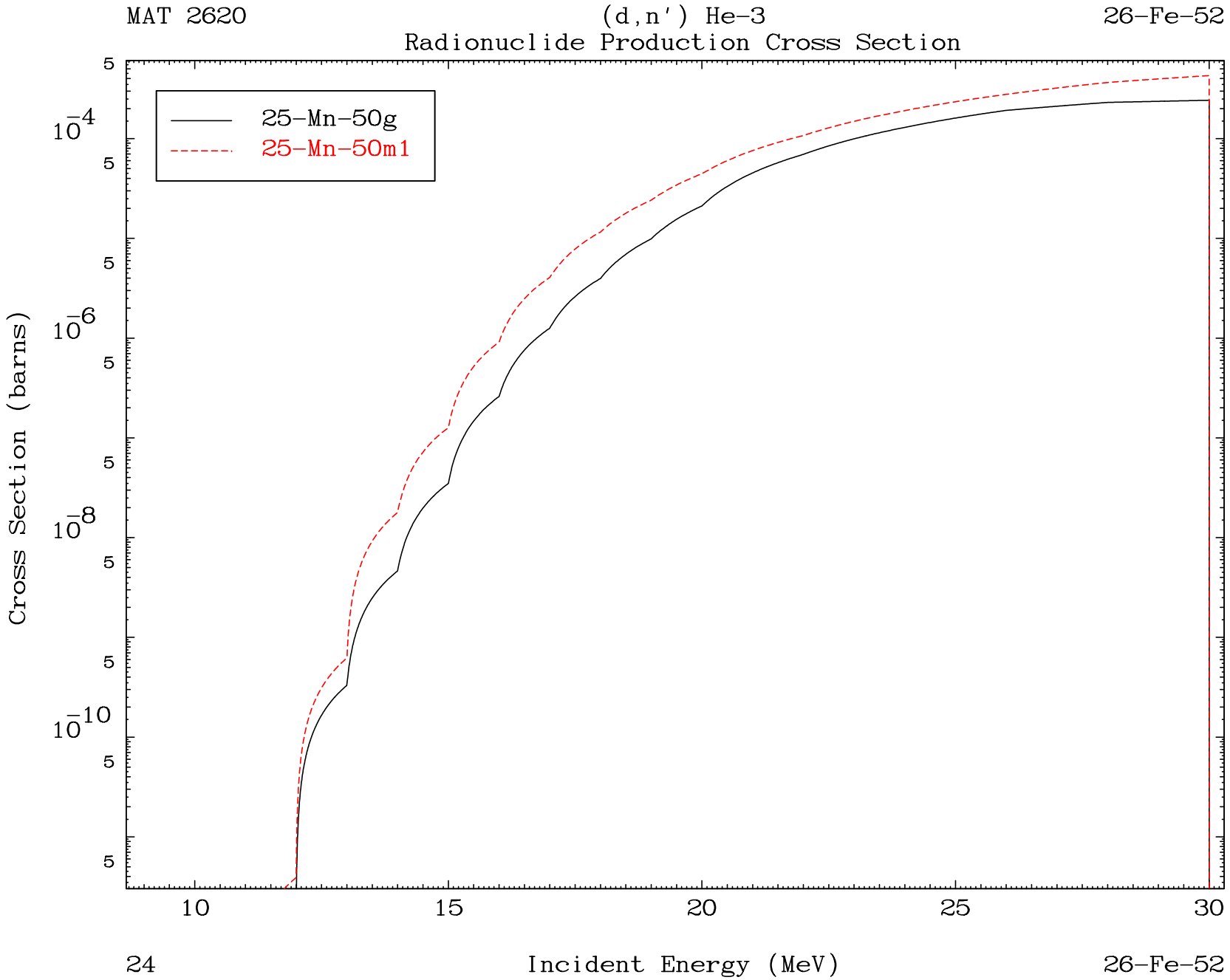

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
22-Ti-48g
22-Ti-48m1
22-Ti-49g
23-V -43g
23-V -44g
23-V -45g
23-V -46g
23-V -47g
23-V -48g
23-V -49g
23-V -50g
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^2
2
19
Incident Energy (MeV)
26-Fe-52

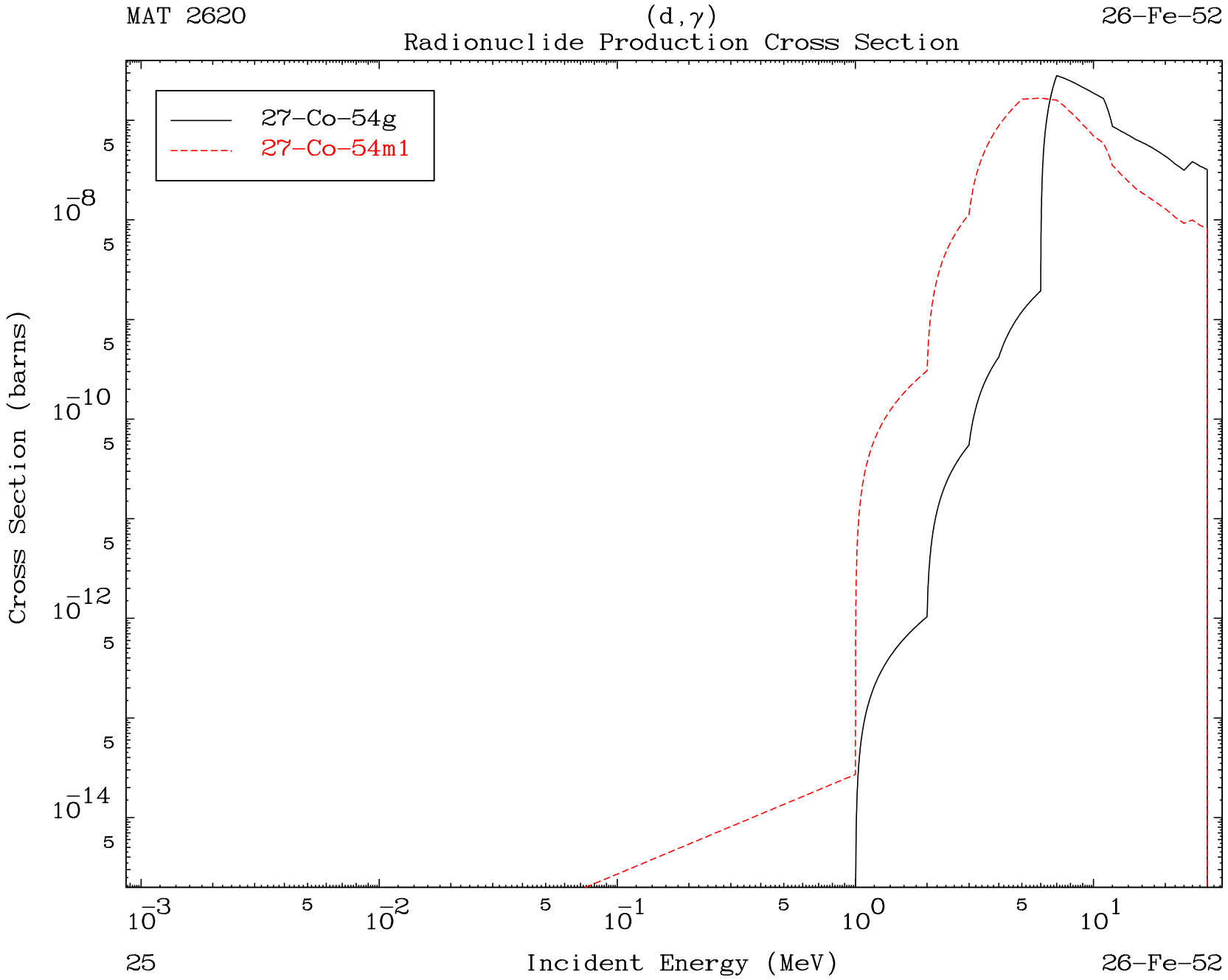

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
24-Cr-44g
24-Cr-45g
24-Cr-46g
24-Cr-47g
24-Cr-48g
24-Cr-49g
24-Cr-50g
24-Cr-51g
25-Mn-46g
25-Mn-47g
Cross Section (barns)
10^4
10^2
10^0
10^-2
10^-4
10^-6
10^-8
3
4
5
6
7
8
9
10^2
2
20
Incident Energy (MeV)
26-Fe-52

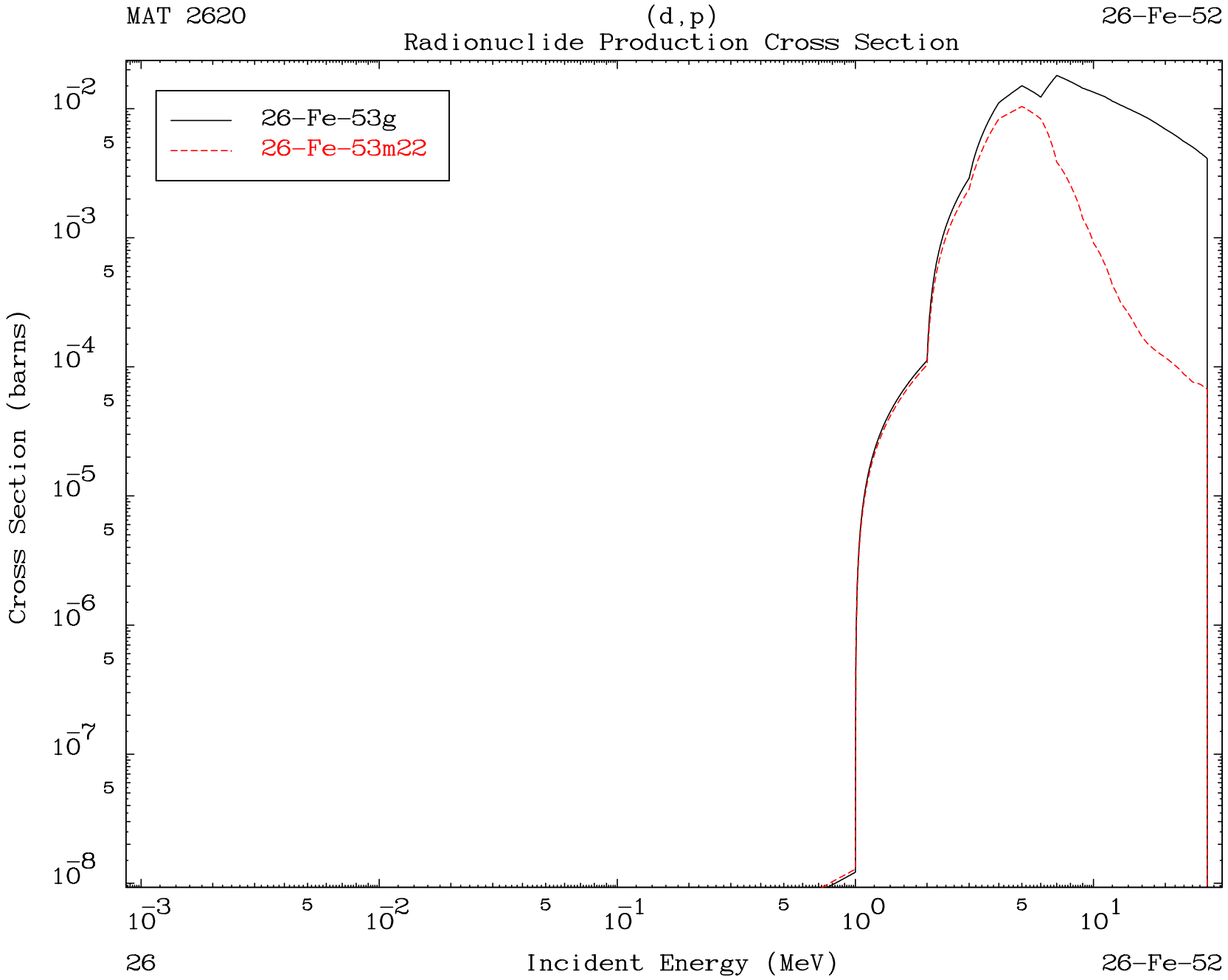

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
25-Mn-49g
25-Mn-50g
25-Mn-50m1
25-Mn-51g
25-Mn-52g
25-Mn-52m1
26-Fe-48g
26-Fe-49g
26-Fe-50g
26-Fe-51g
26-Fe-52g
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
26-Fe-52

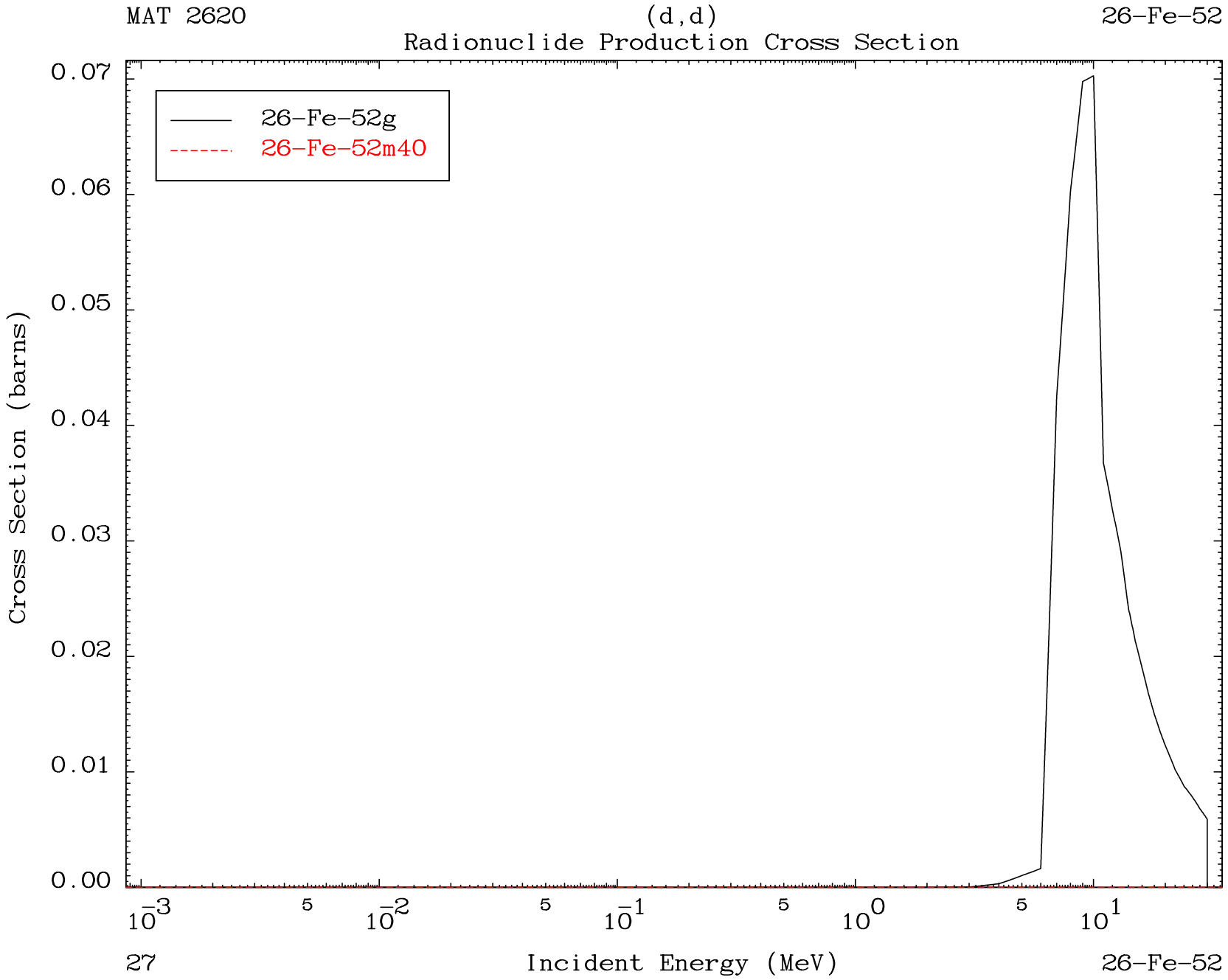

MAT 2620
(d,remainder)
26-Fe-52
Radionuclide Production Cross Section
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
26-Fe-52m1
26-Fe-53g
26-Fe-53m1
27-Co-50g
27-Co-51g
27-Co-52g
27-Co-53g
27-Co-53m1
27-Co-54g
22
26-Fe-52

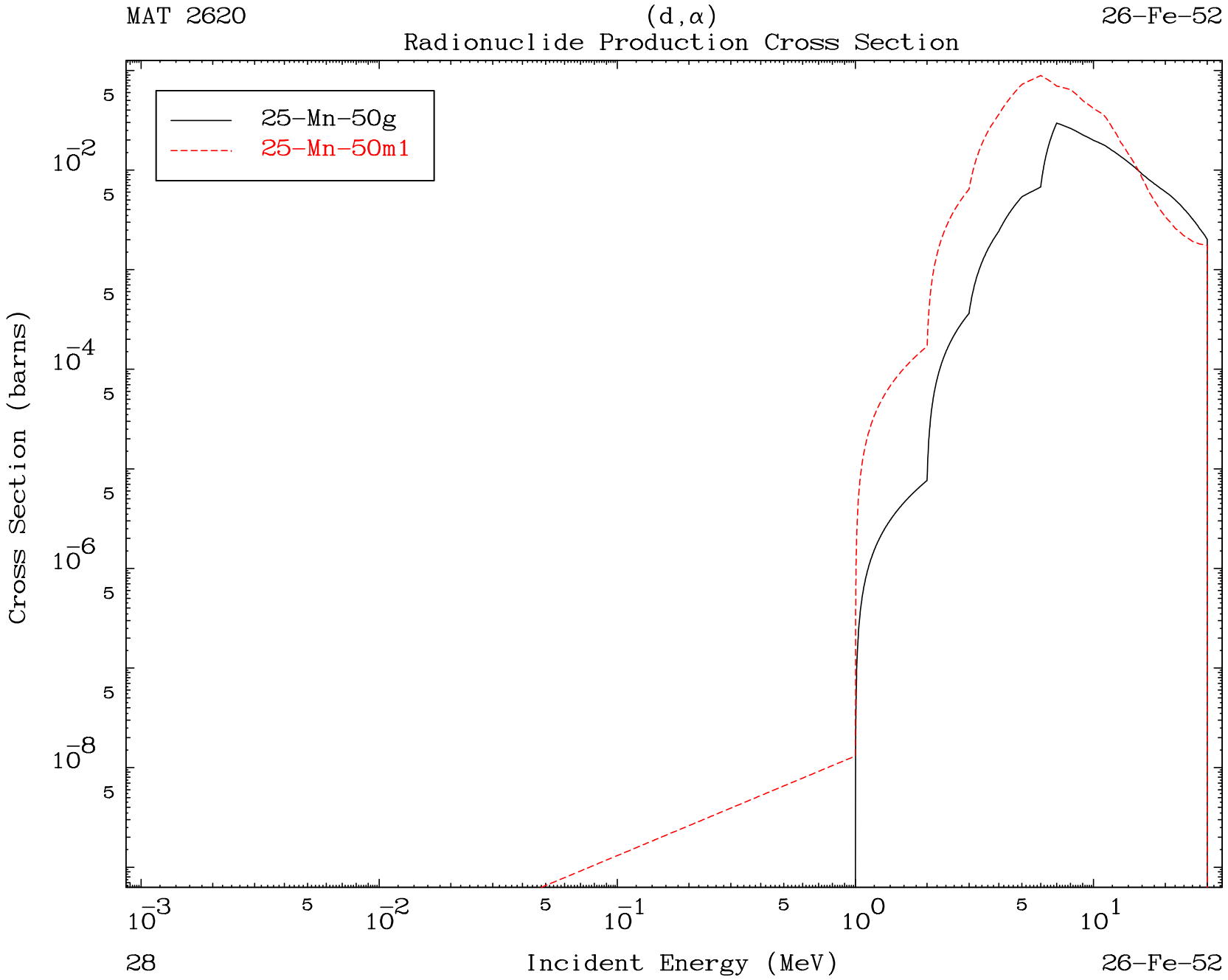

MAT 2620
(d,n') p
26-Fe-52
Radionuclide Production Cross Section
26-Fe-52g
26-Fe-52m40
Cross Section (barns)
Incident Energy (MeV)
23
26-Fe-52

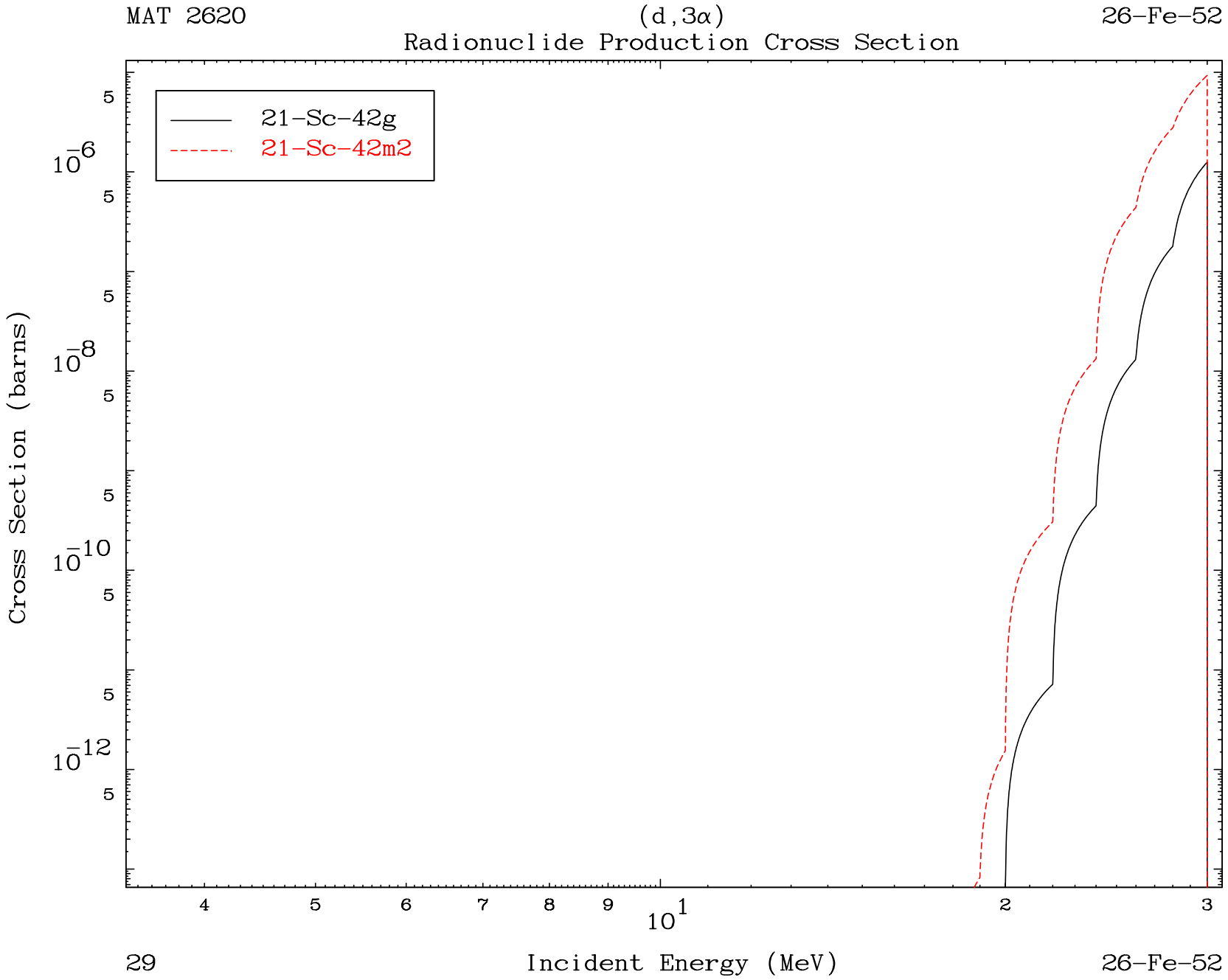

MAT 2620
(d,n') He-3
26-Fe-52
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10
15
20
25
30
24
Incident Energy (MeV)
26-Fe-52

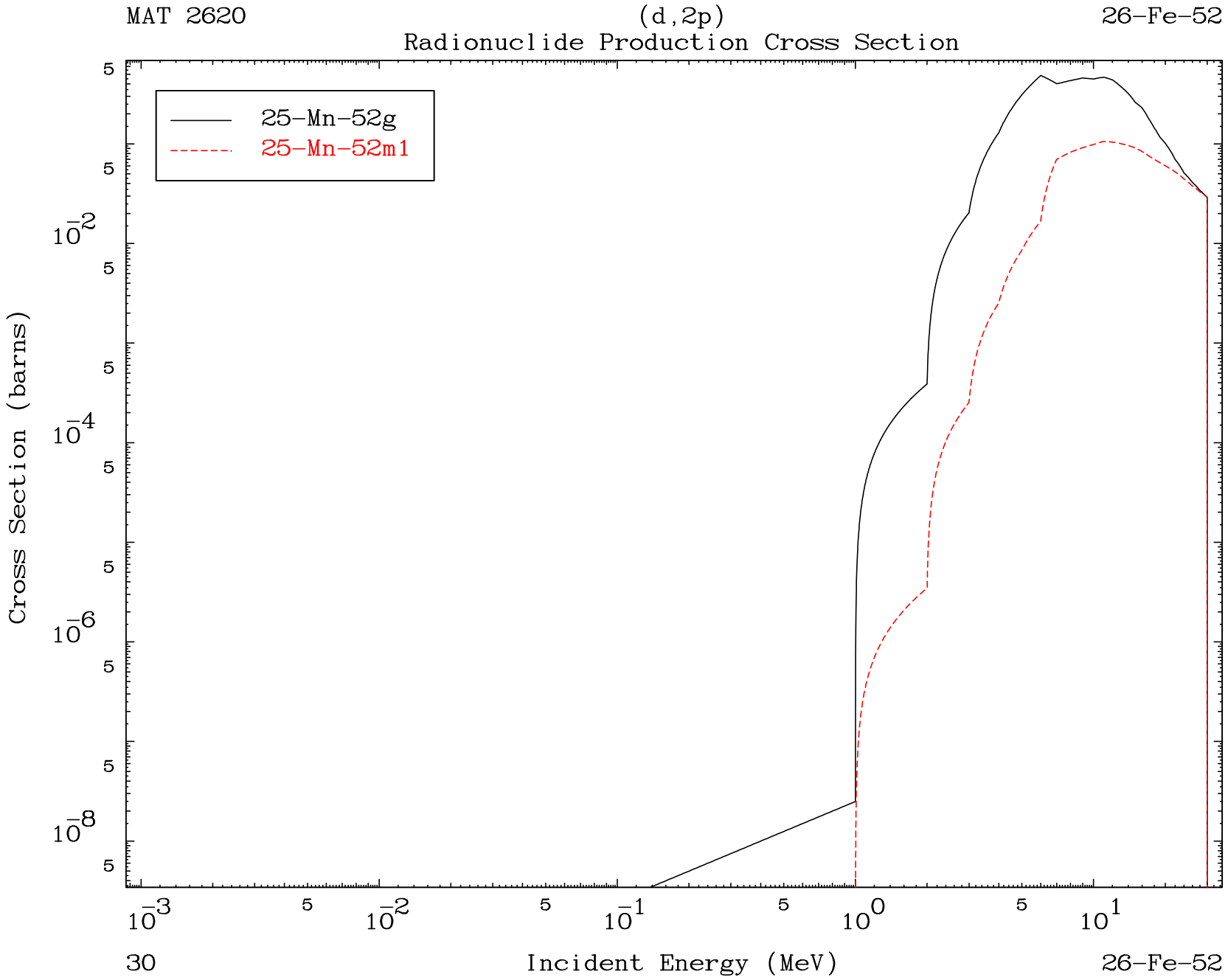

MAT 2620
(d,γ)
26-Fe-52
Radionuclide Production Cross Section
27-Co-54g
27-Co-54m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
10^-3
10^-2
10^-1
10^0
10^1
Incident Energy (MeV)
25
26-Fe-52

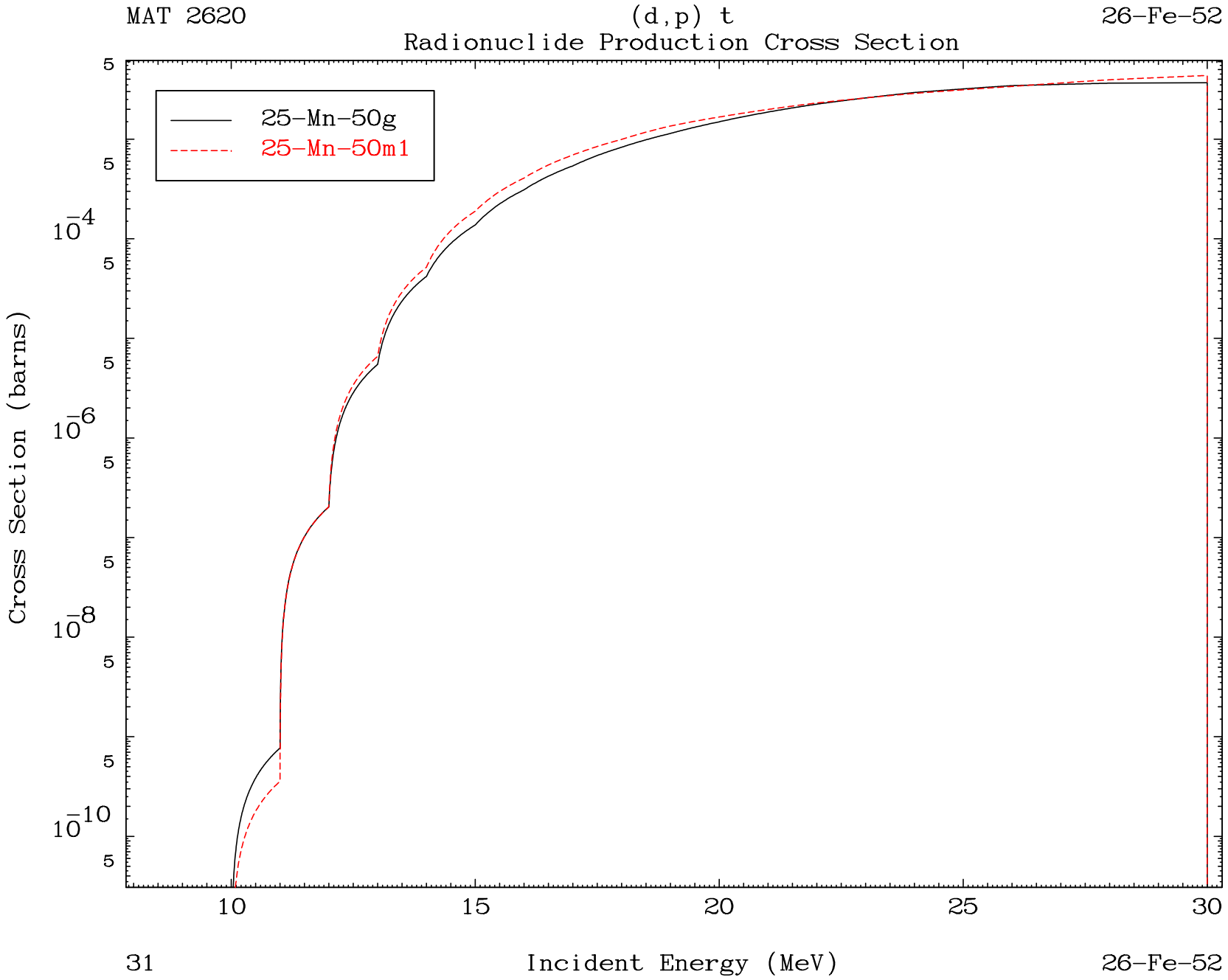

MAT 2620
(d,p)
26-Fe-52
Radionuclide Production Cross Section
26-Fe-53g
26-Fe-53m22
Cross Section (barns)
Incident Energy (MeV)
26
26-Fe-52


MAT 2620
(d,d)
26-Fe-52
Radionuclide Production Cross Section
26-Fe-52g
26-Fe-52m40
Cross Section (barns)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
10-3
5
10-2
5
10-1
5
100
5
101
27
Incident Energy (MeV)
26-Fe-52


MAT 2620
(d,α)
26-Fe-52
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
10-2
10-4
10-6
10-8
10-3
10-2
10-1
100
101
Incident Energy (MeV)
28
26-Fe-52


MAT 2620
(d,3α)
26-Fe-52
Radionuclide Production Cross Section
21-Sc-42g
21-Sc-42m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
4
5
6
7
8
9
10^1
2
3
Incident Energy (MeV)
29
26-Fe-52


MAT 2620
(d,2p)
26-Fe-52
Radionuclide Production Cross Section
25-Mn-52g
25-Mn-52m1
Cross Section (barns)
Incident Energy (MeV)
30
26-Fe-52


MAT 2620
(d,p) t
26-Fe-52
Radionuclide Production Cross Section
25-Mn-50g
25-Mn-50m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10
15
20
25
30
31
Incident Energy (MeV)
26-Fe-52