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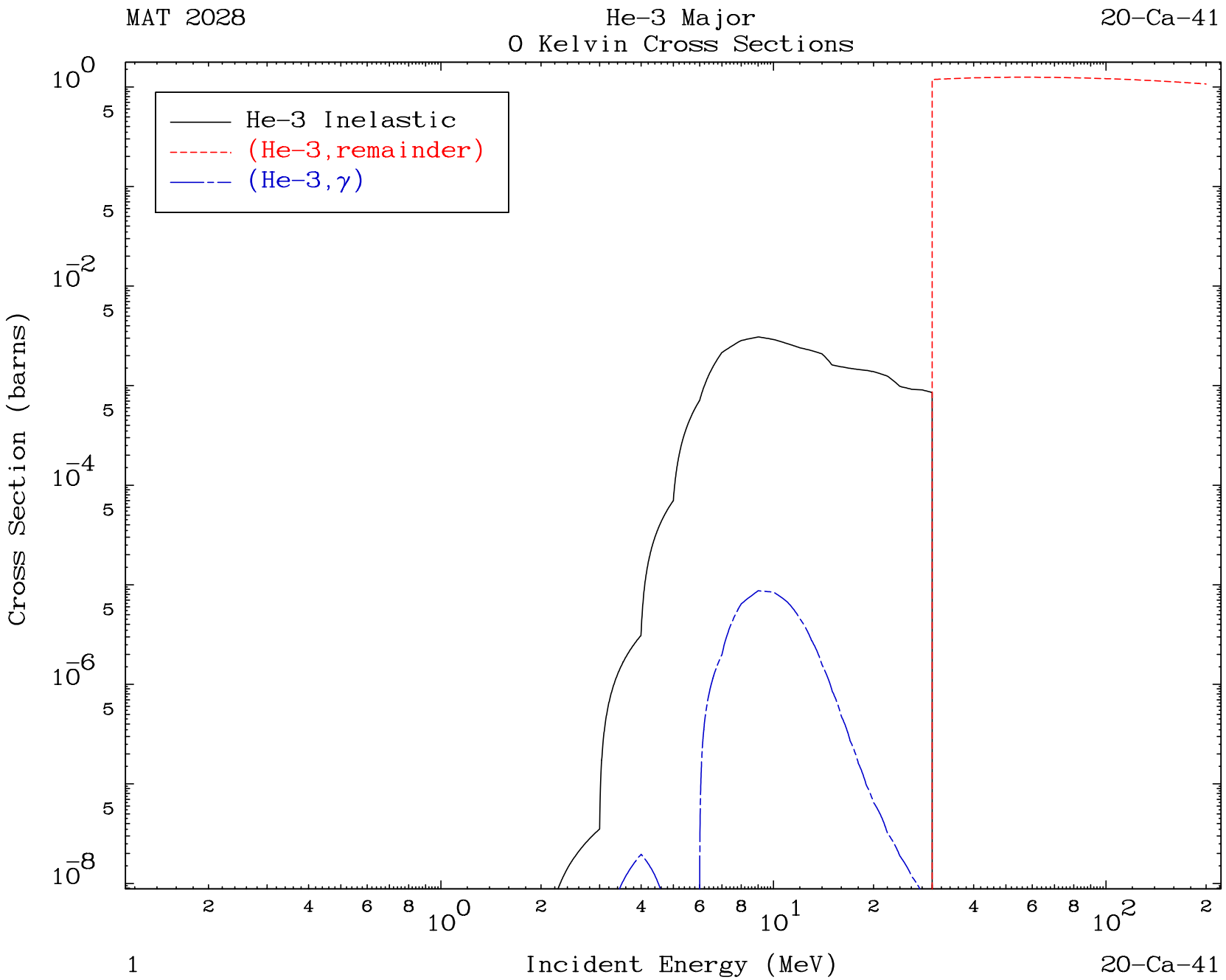
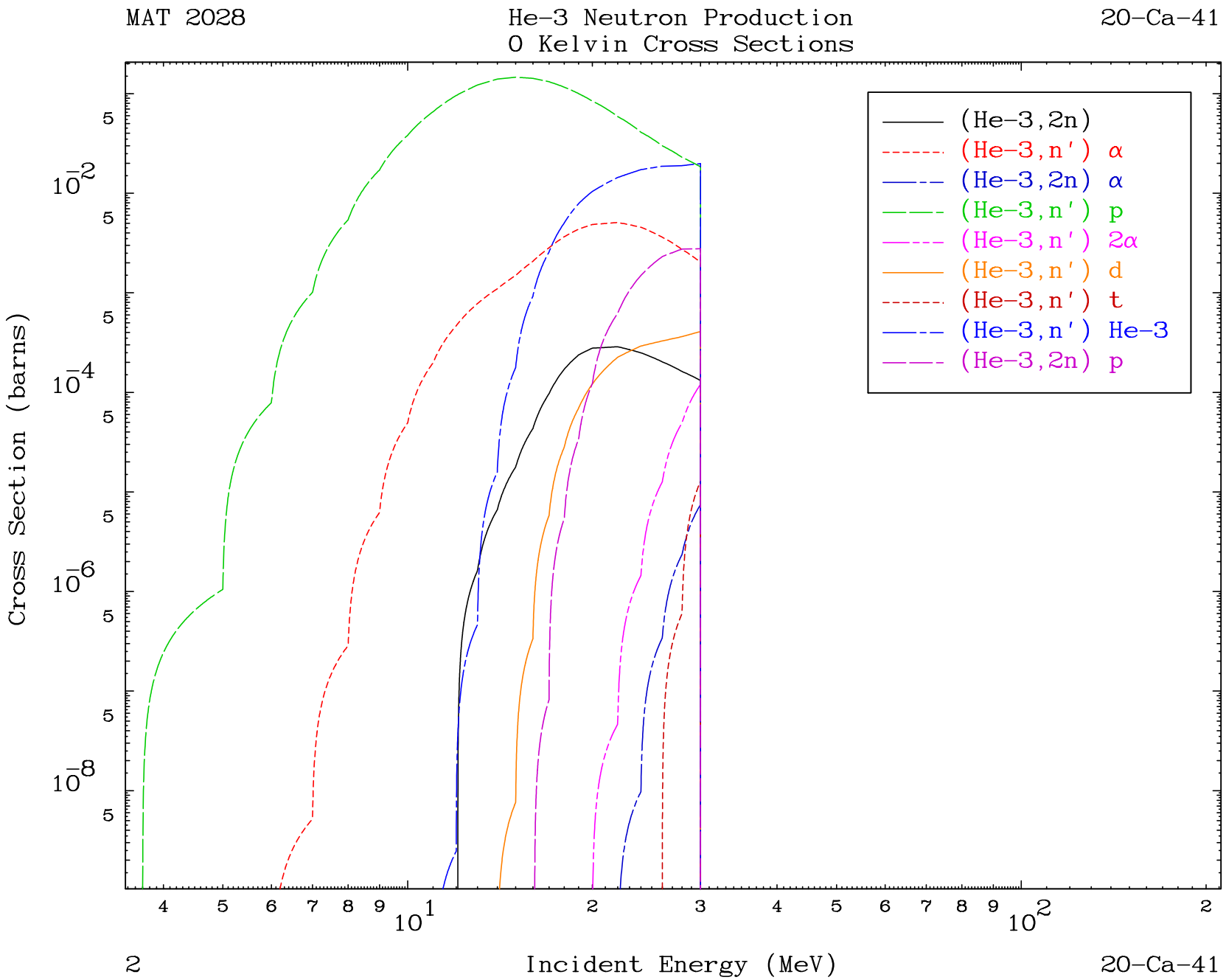
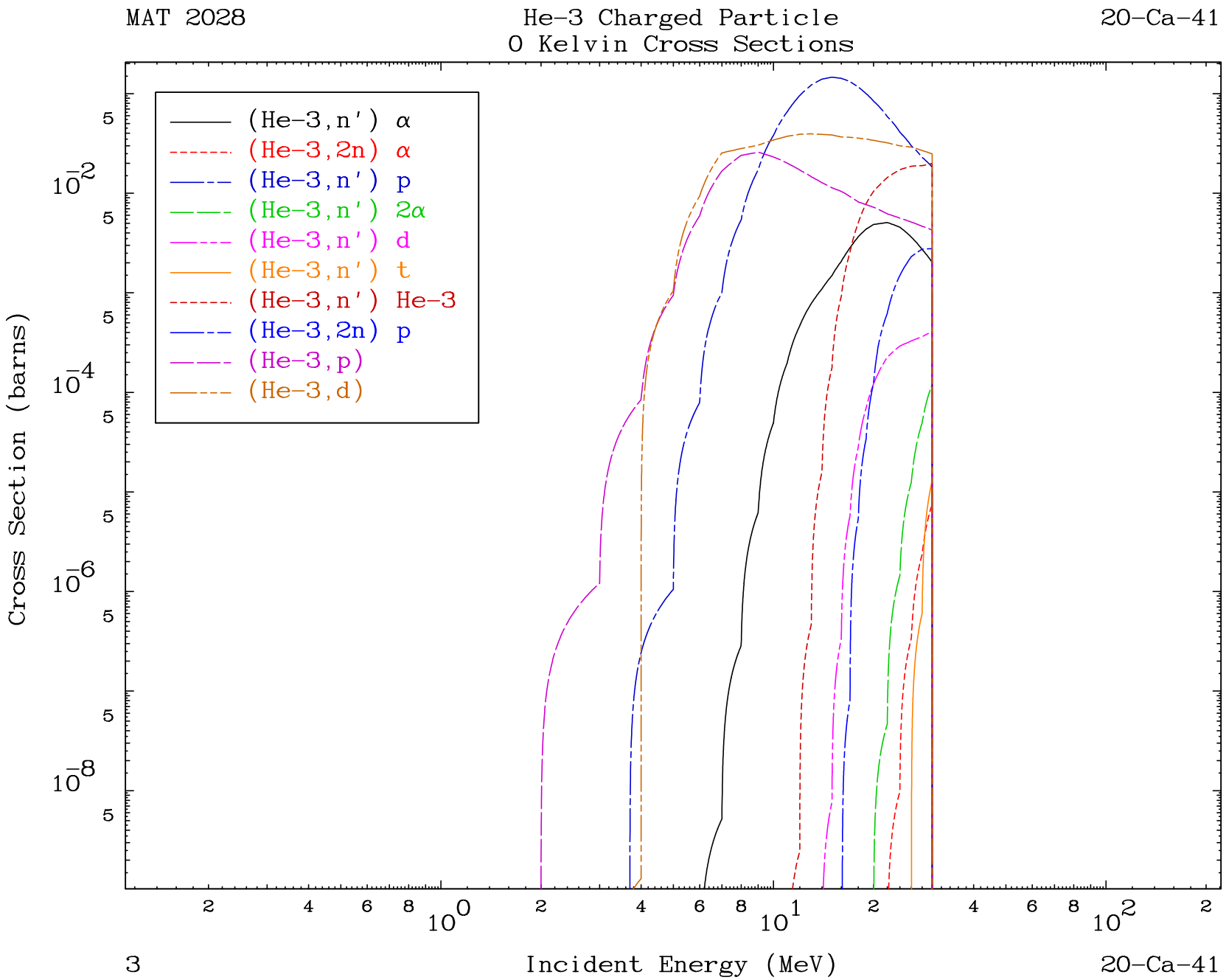
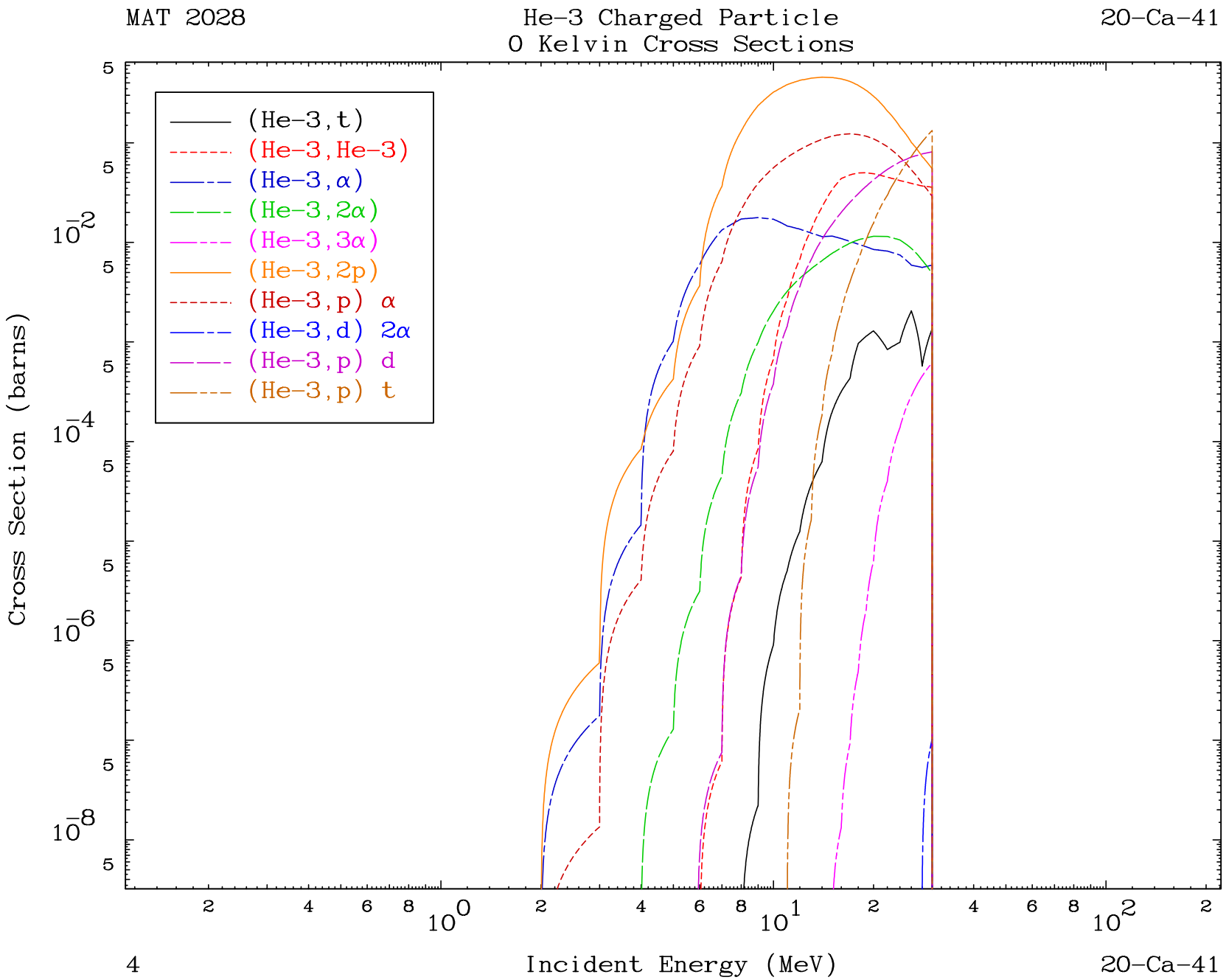
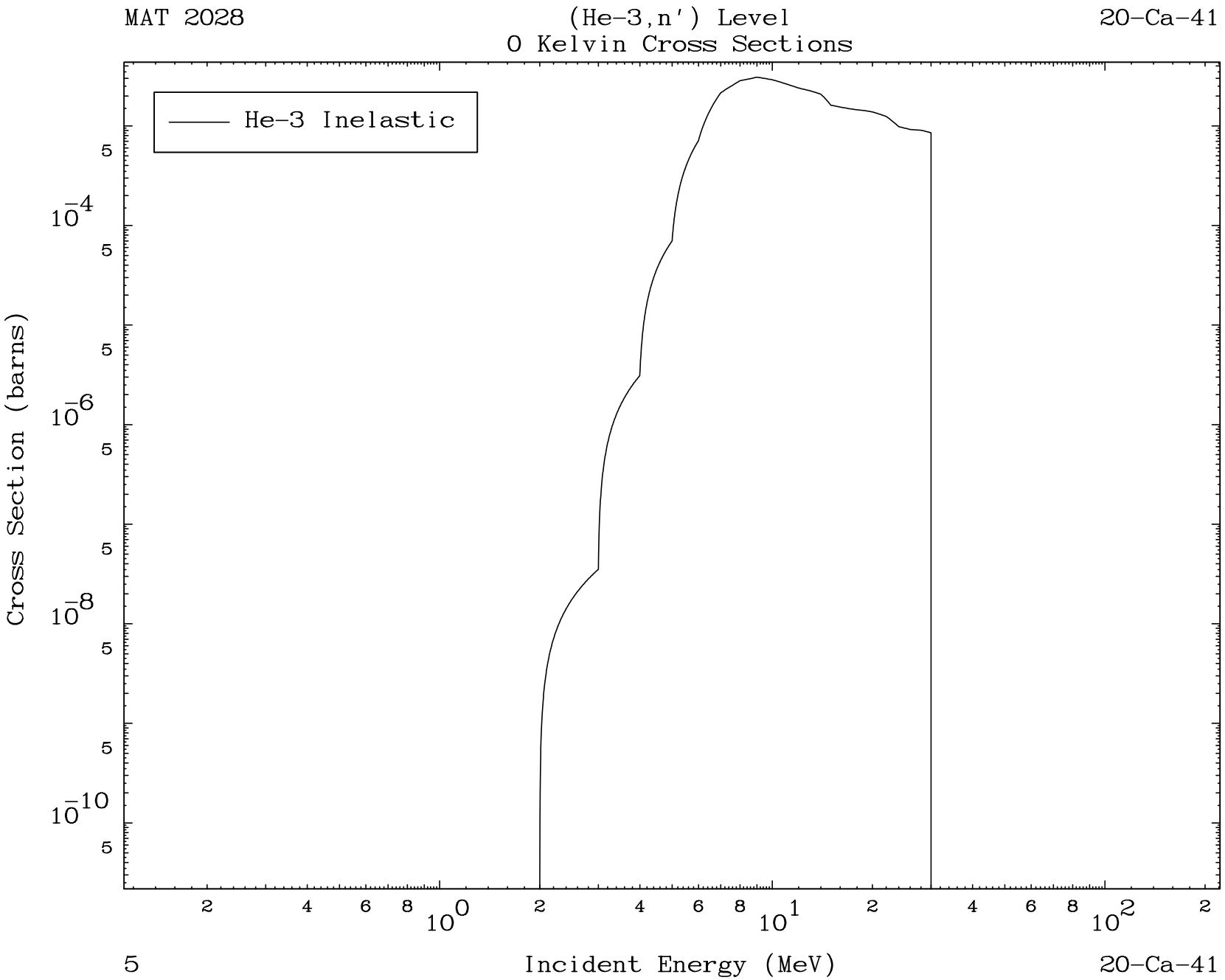
Press Mouse Button to Start

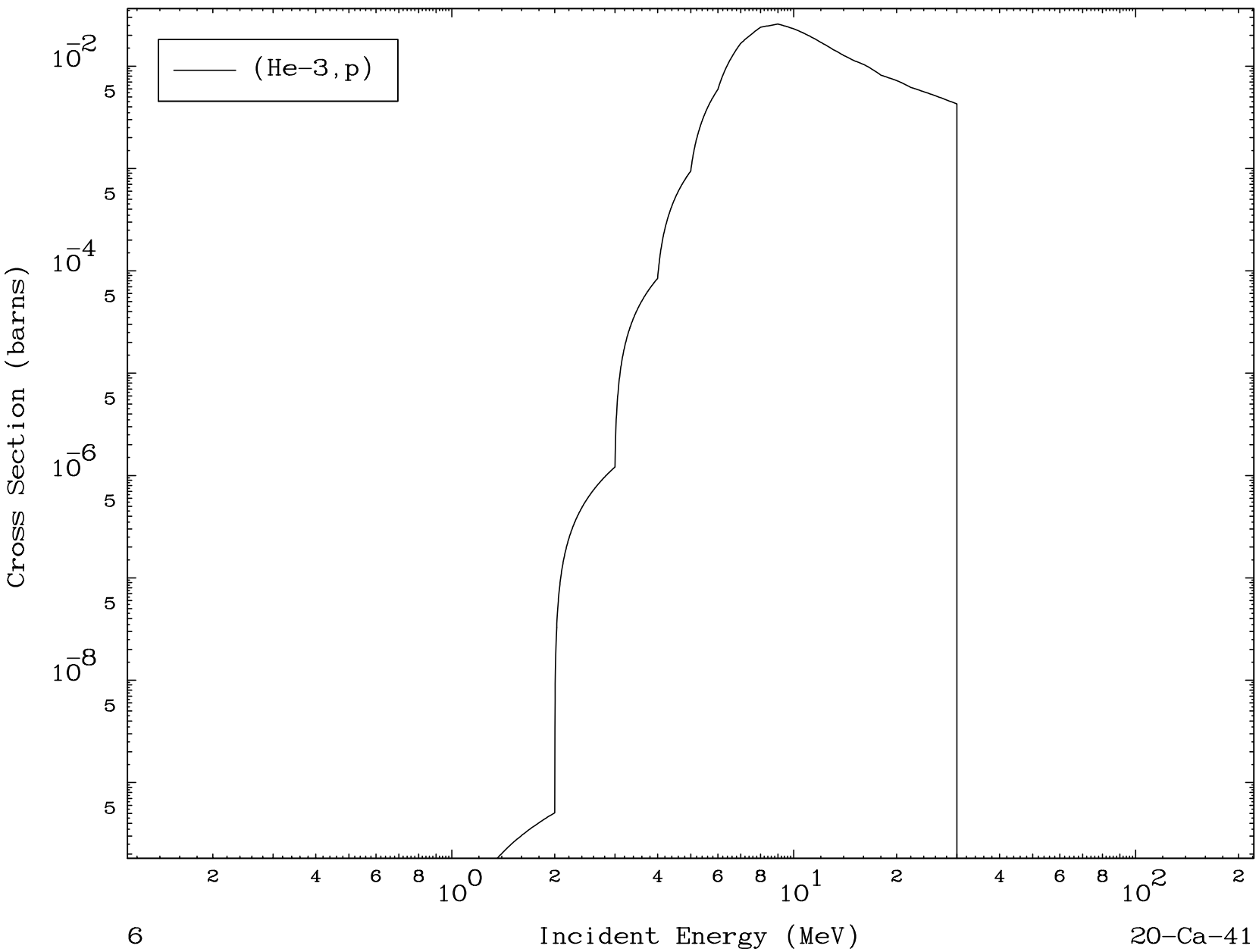

MAT 2028
He-3 Major
20-Ca-41
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
20-Ca-41

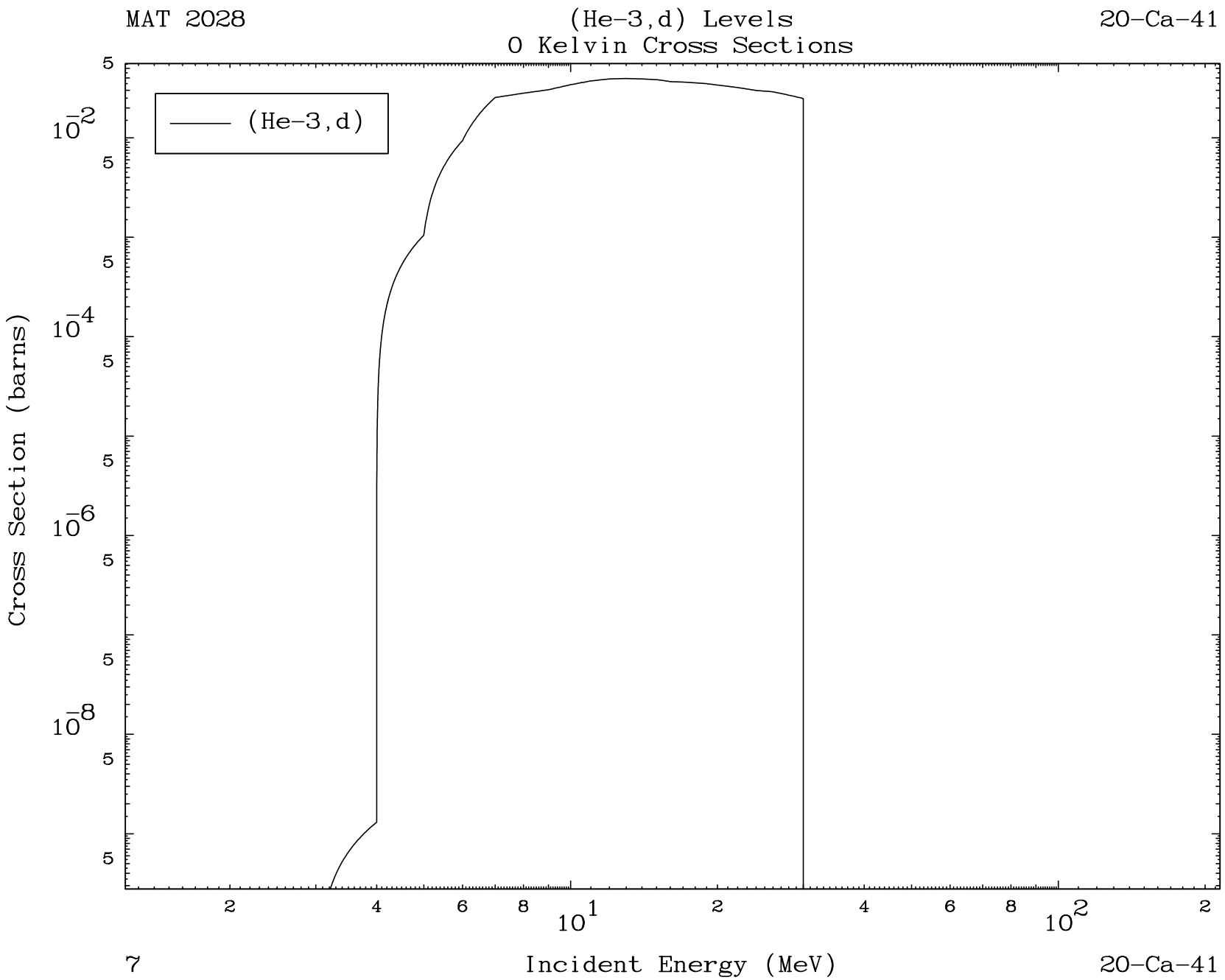

MAT 2028
He-3 Neutron Production
0 Kelvin Cross Sections
20-Ca-41
Cross Section (barns)
Incident Energy (MeV)
20-Ca-41
2
(He-3,2n)
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p

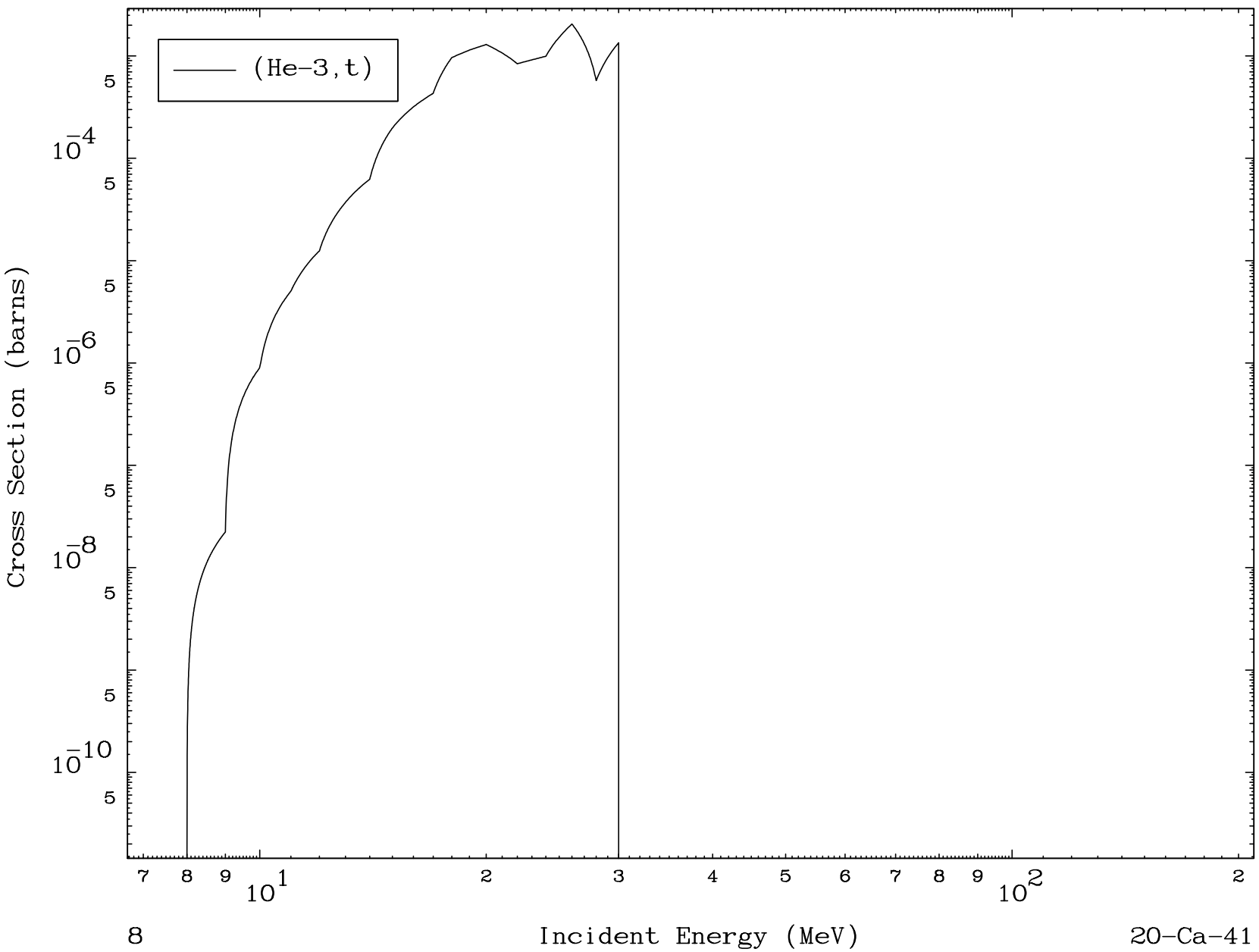

MAT 2028
He-3 Charged Particle
0 Kelvin Cross Sections
20-Ca-41
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,p)
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
3
20-Ca-41

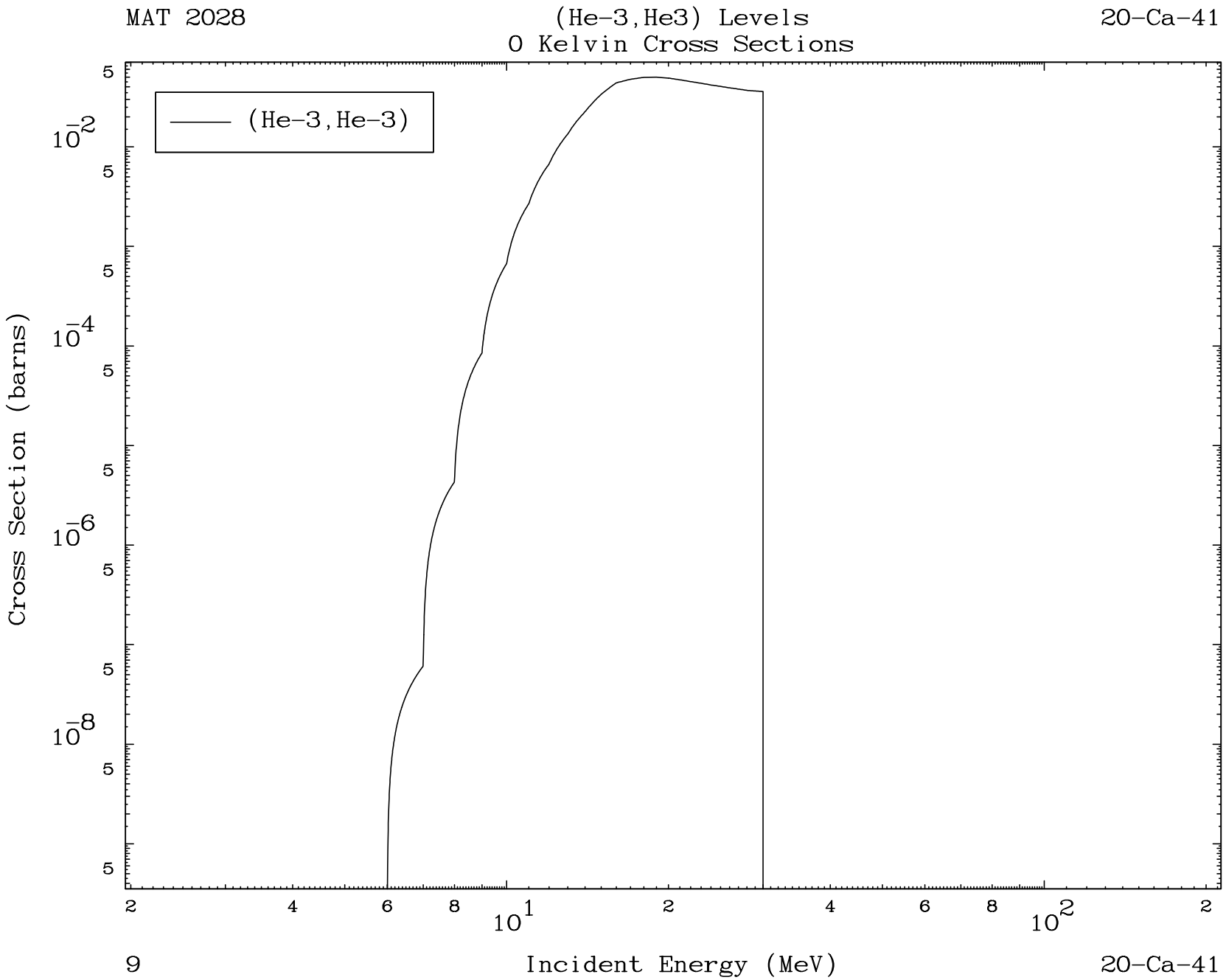

MAT 2028
He-3 Charged Particle
0 Kelvin Cross Sections
20-Ca-41
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,3α)
(He-3,2p)
(He-3,p) α
(He-3,d) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
4
20-Ca-41

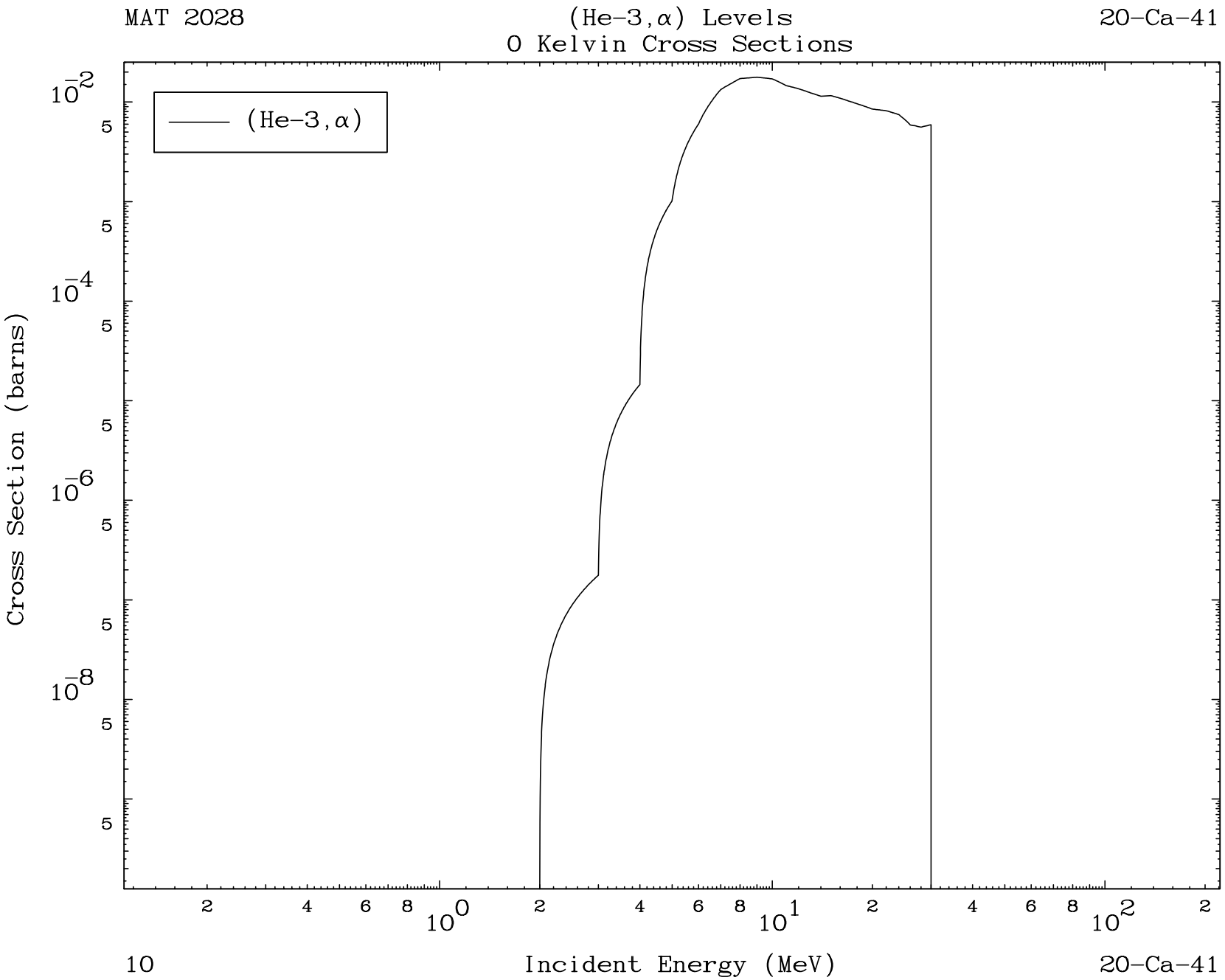

MAT 2028
(He-3,n') Level
20-Ca-41
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
5
20-Ca-41

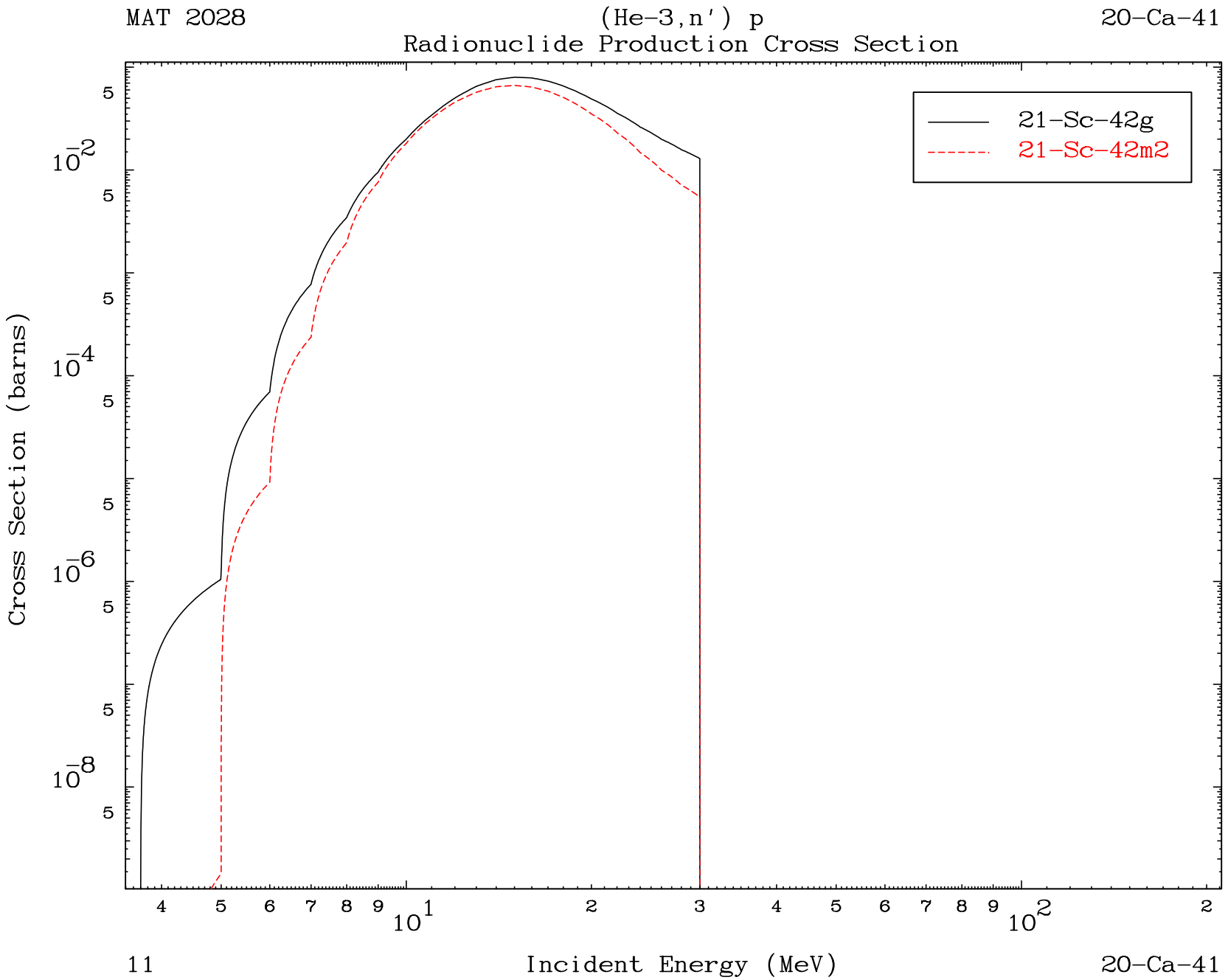

0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
4
6
8
10^0
10^1
10^2
Incident Energy (MeV)

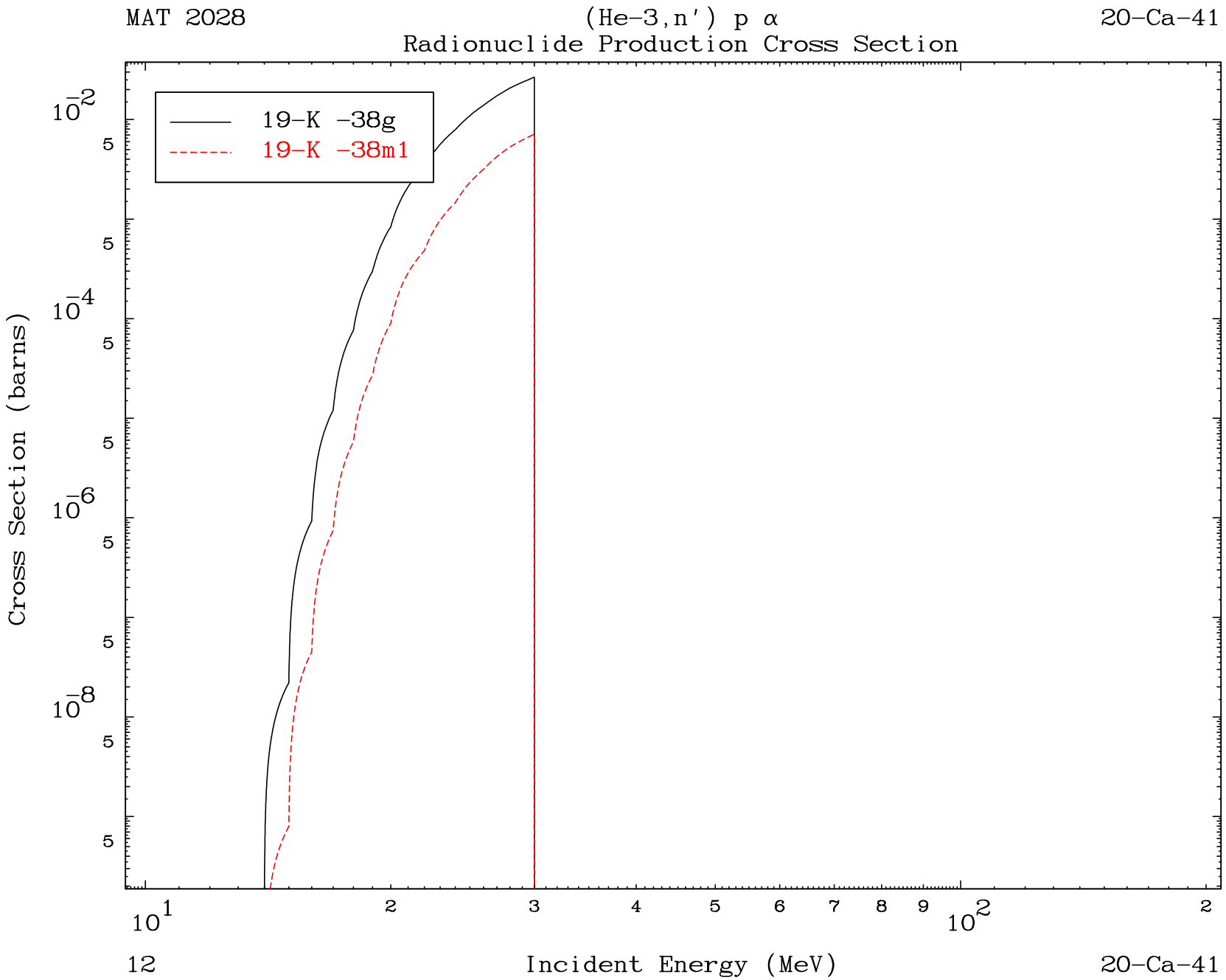

MAT 2028
(He-3,d) Levels
20-Ca-41
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
7
20-Ca-41

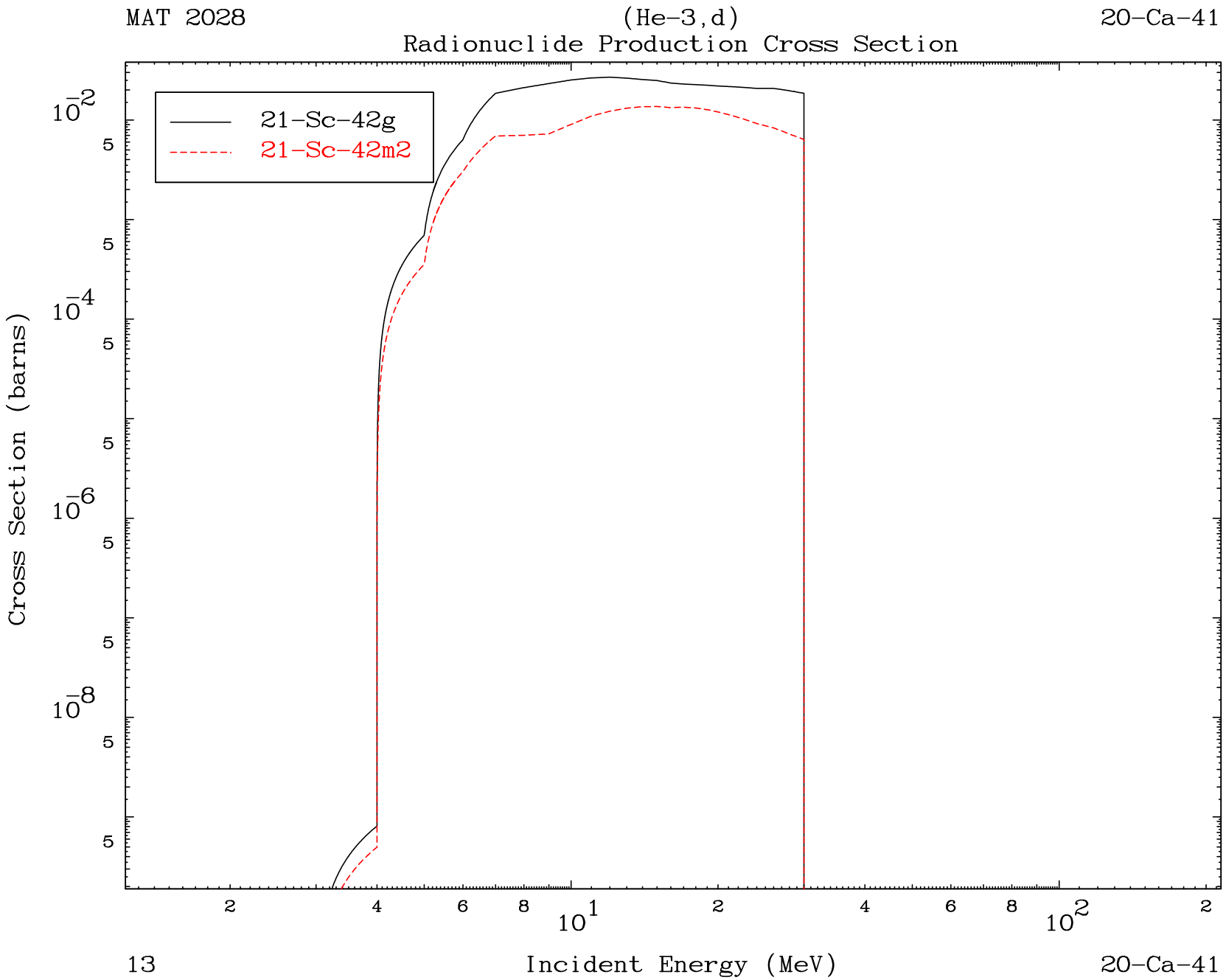

0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

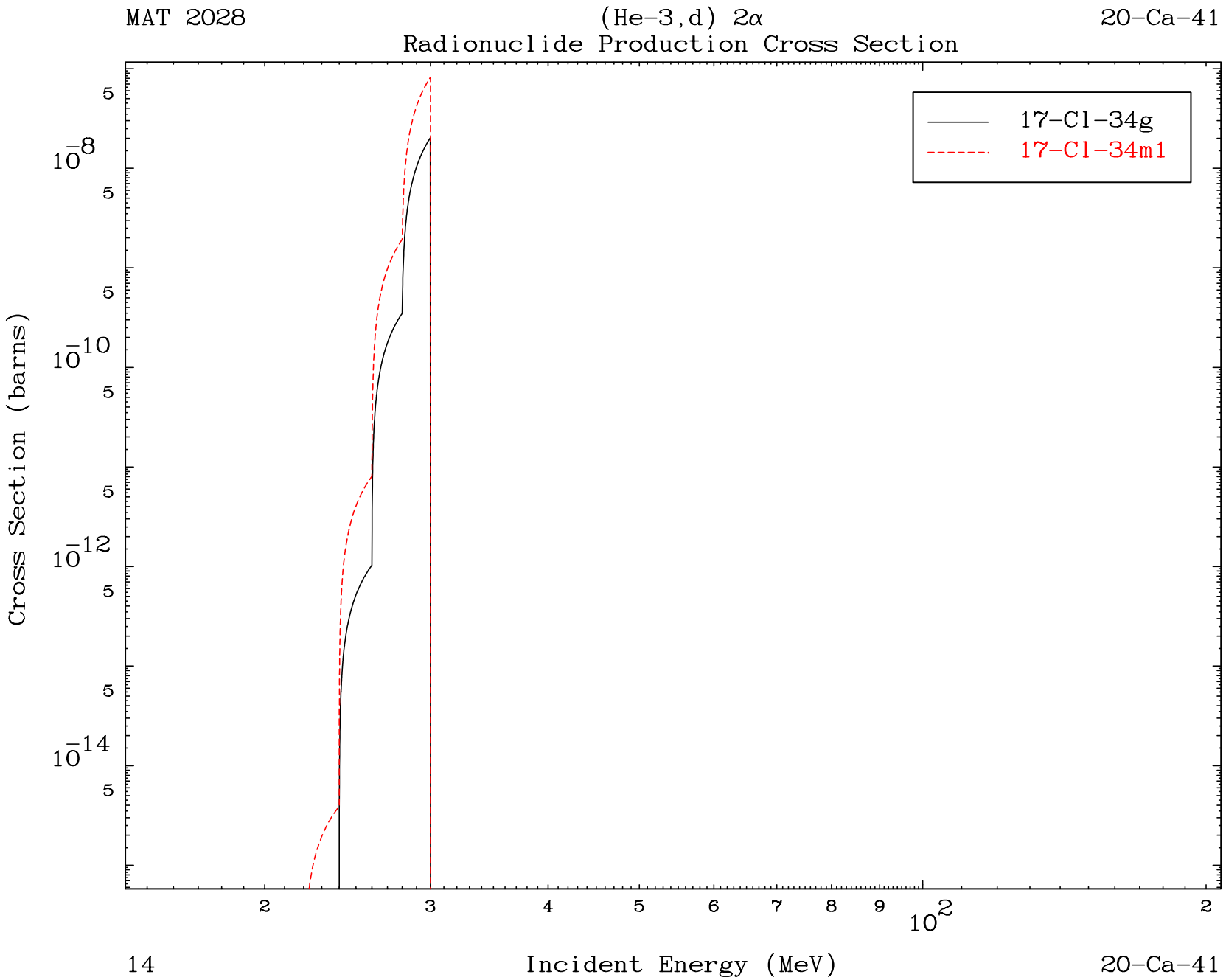

MAT 2028
(He-3,He3) Levels
20-Ca-41
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
20-Ca-41

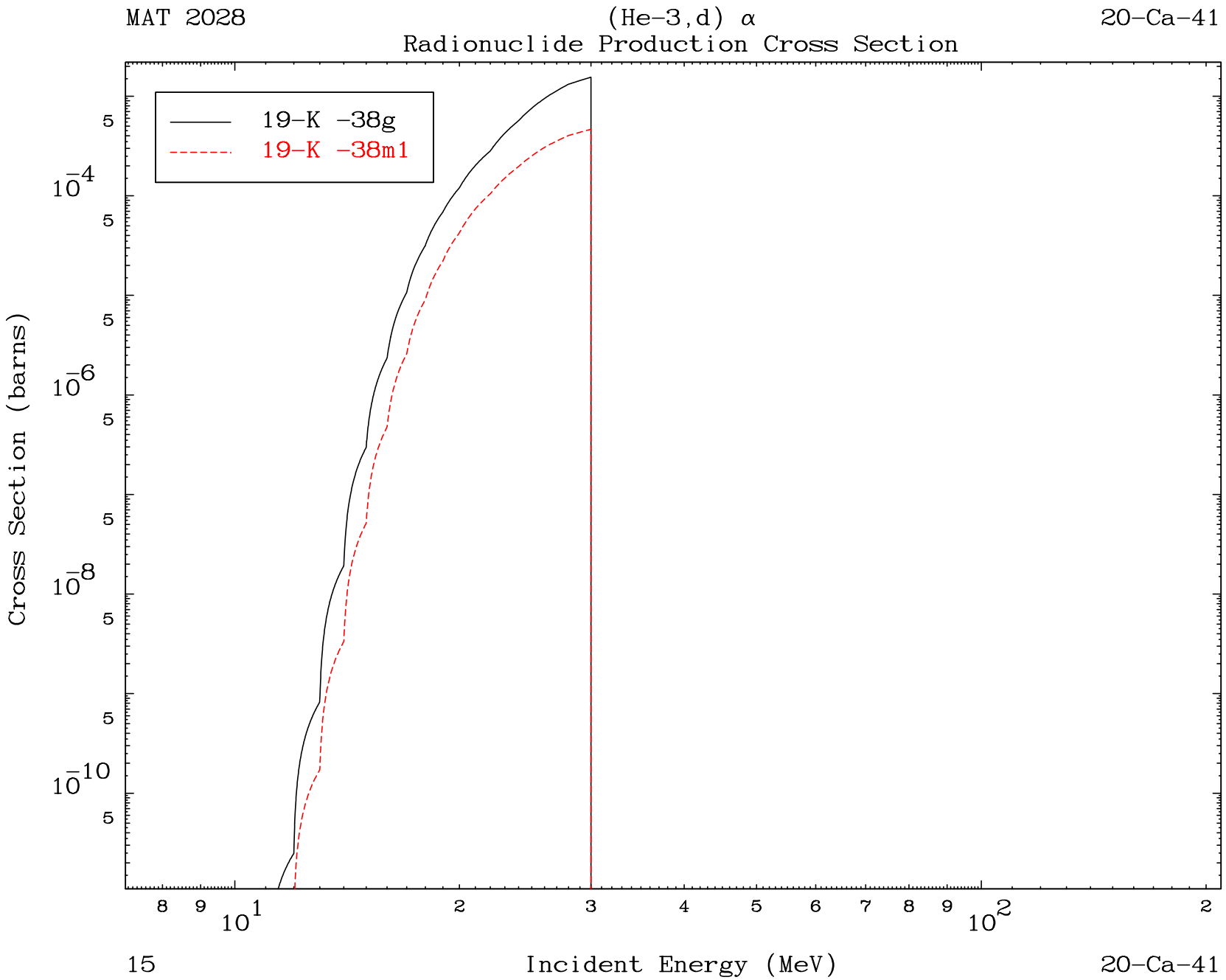

MAT 2028
(He-3,α) Levels
20-Ca-41
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
20-Ca-41


MAT 2028
(He-3,n') p
20-Ca-41
Radionuclide Production Cross Section
21-Sc-42g
21-Sc-42m2
Cross Section (barns)
Incident Energy (MeV)
11
20-Ca-41


MAT 2028
(He-3,n') p α
20-Ca-41
Radionuclide Production Cross Section
19-K -38g
19-K -38m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
101
2
3
4
5
6
7
8
9
102
2
12
Incident Energy (MeV)
20-Ca-41


MAT 2028
(He-3,d)
20-Ca-41
Radionuclide Production Cross Section
21-Sc-42g
21-Sc-42m2
Cross Section (barns)
Incident Energy (MeV)
13
20-Ca-41


MAT 2028
(He-3,d) 2α
20-Ca-41
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
14
20-Ca-41


MAT 2028
(He-3,d) α
20-Ca-41
Radionuclide Production Cross Section
19-K -38g
19-K -38m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
20-Ca-41