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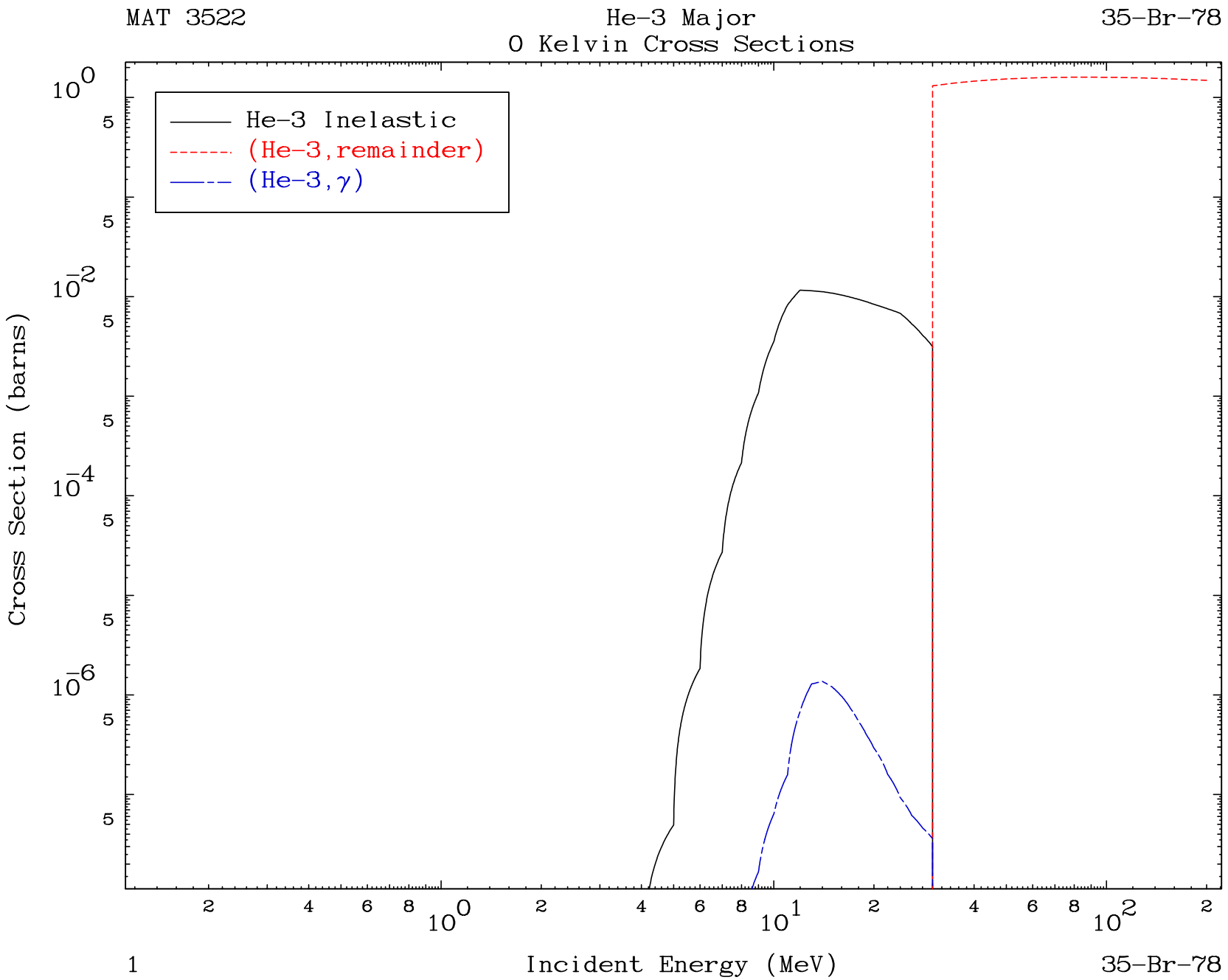
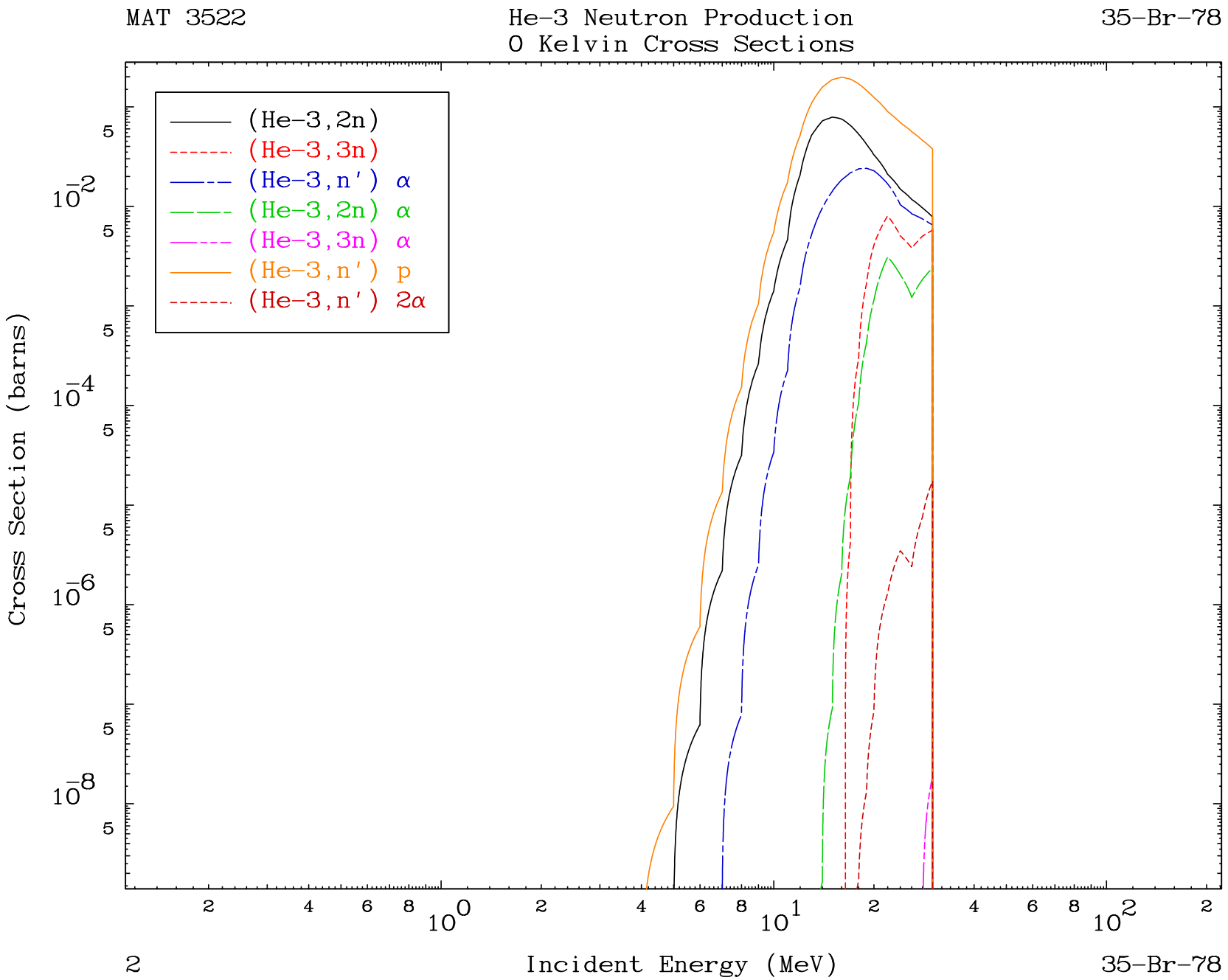
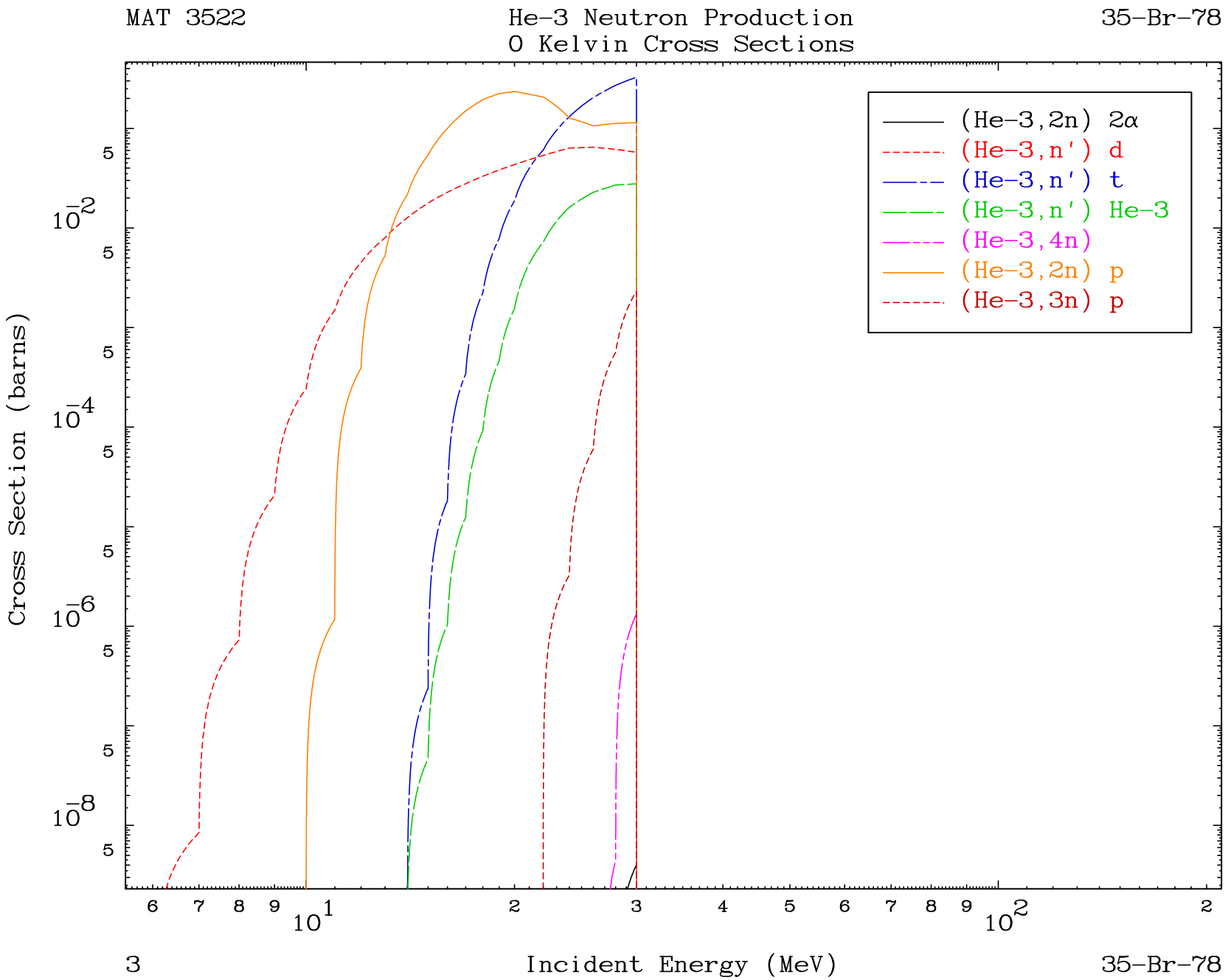
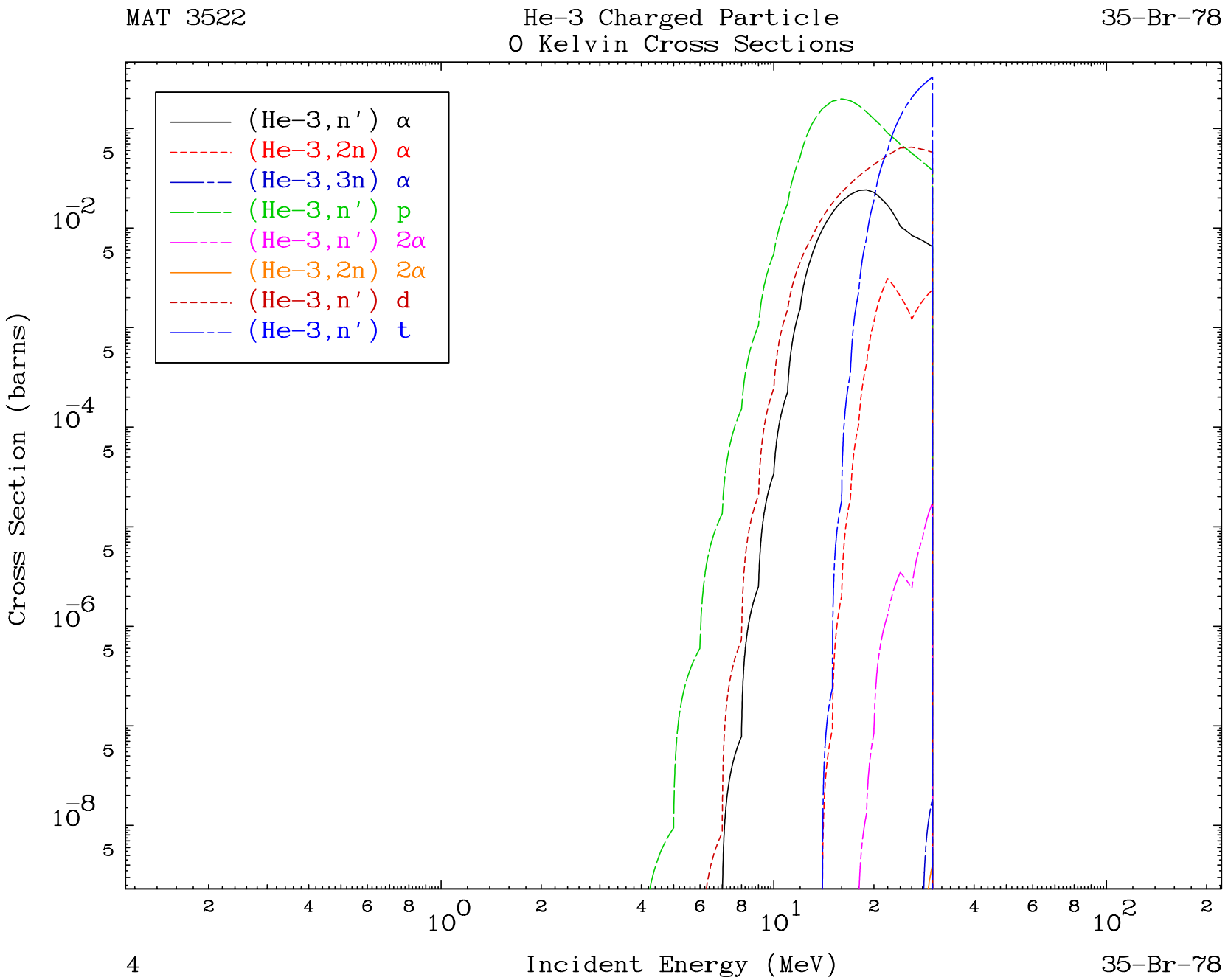
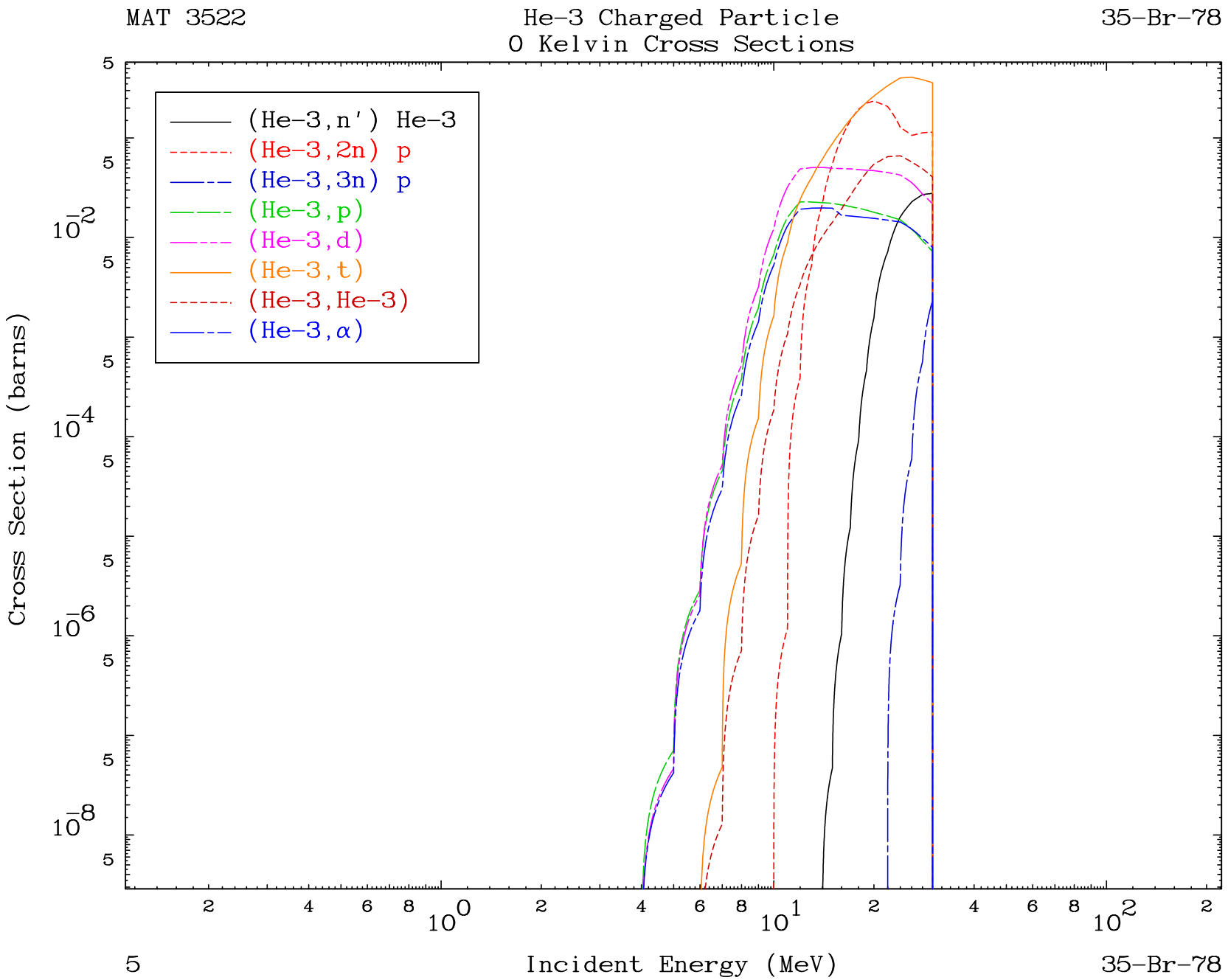
Press Mouse Button to Start

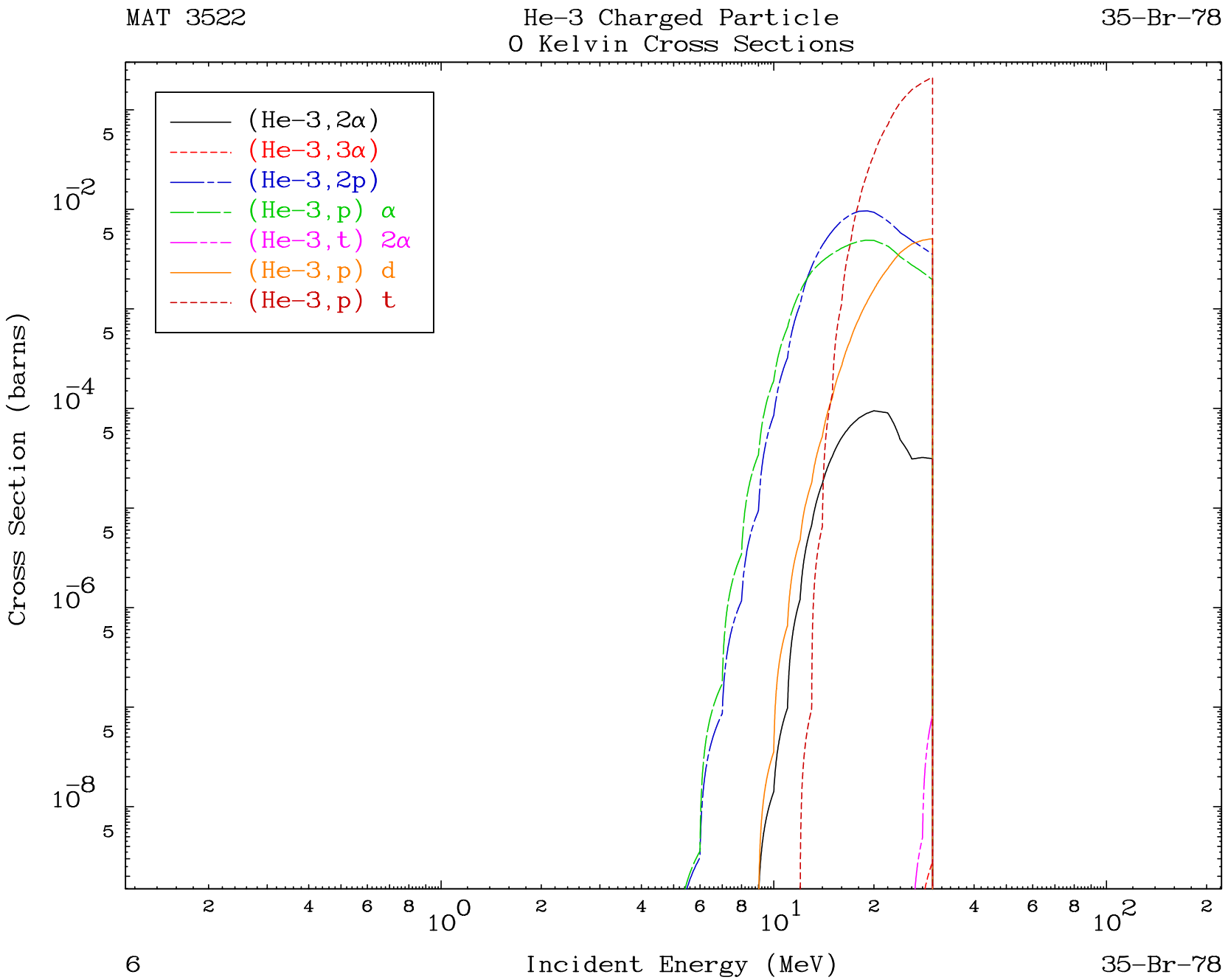

MAT 3522
He-3 Major
35-Br-78
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
35-Br-78

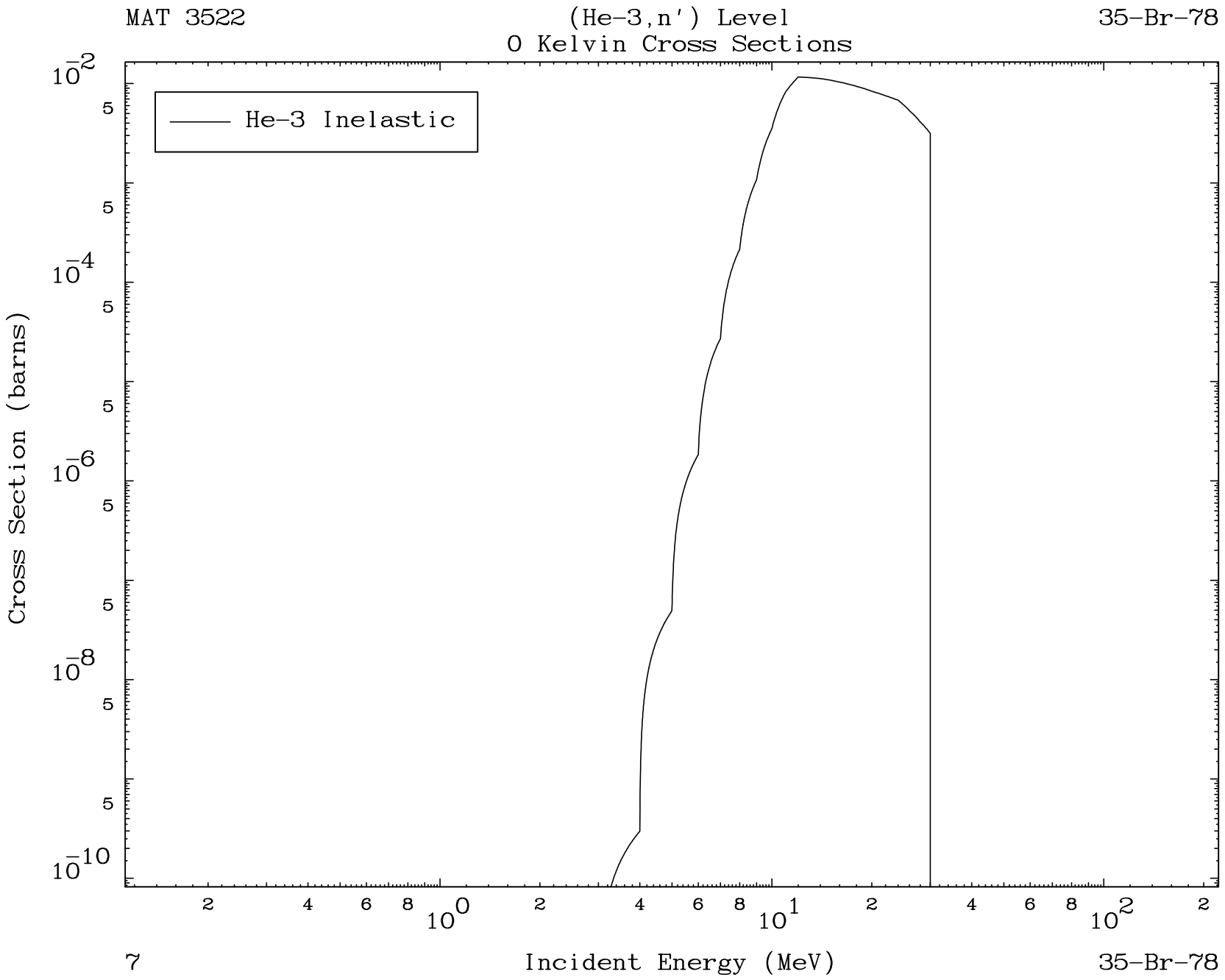

MAT 3522
He-3 Neutron Production
0 Kelvin Cross Sections
35-Br-78
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
2
35-Br-78

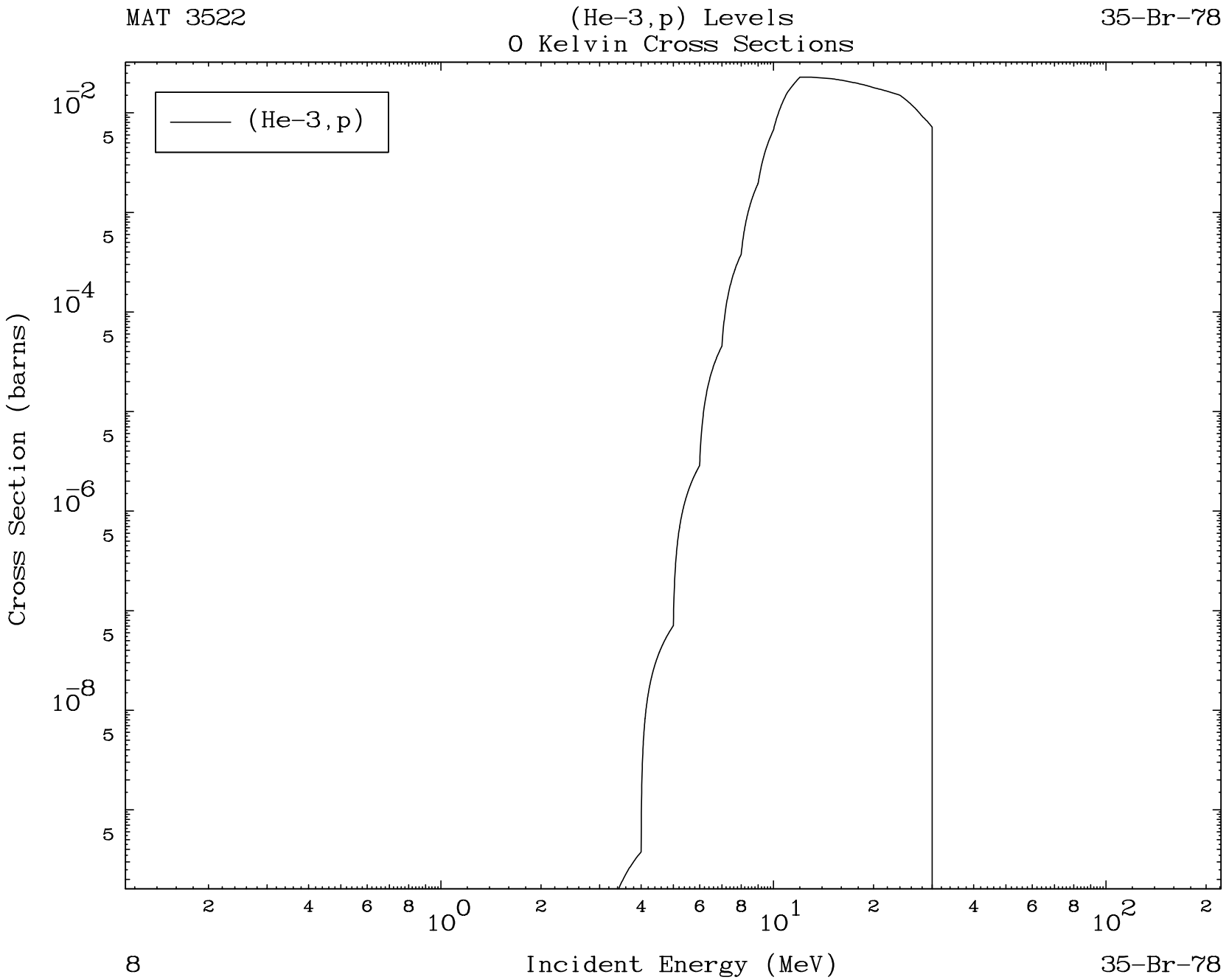

MAT 3522
He-3 Neutron Production
0 Kelvin Cross Sections
35-Br-78
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
35-Br-78

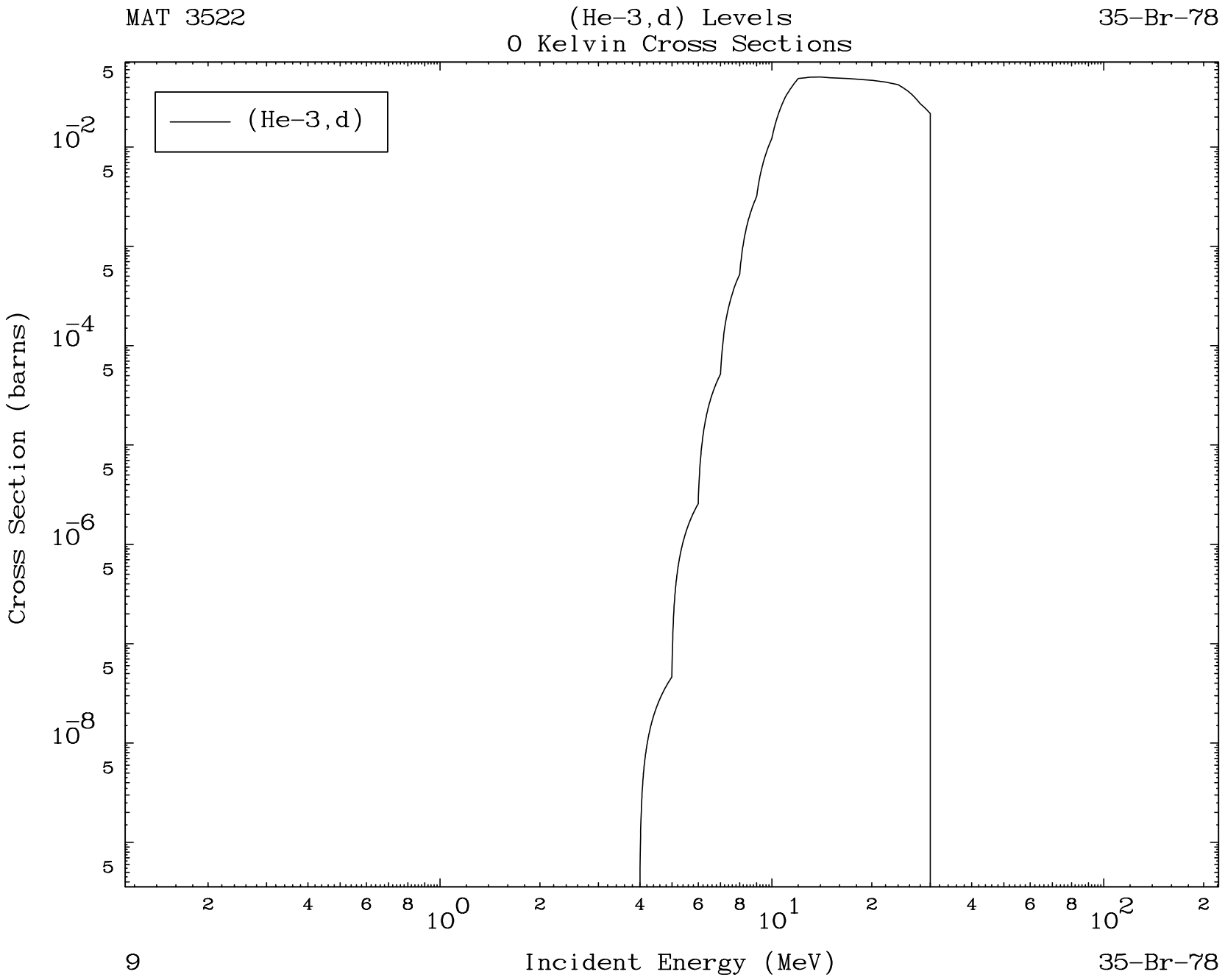

MAT 3522
He-3 Charged Particle
0 Kelvin Cross Sections
35-Br-78
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
Cross Section (barns)
Incident Energy (MeV)
4
35-Br-78

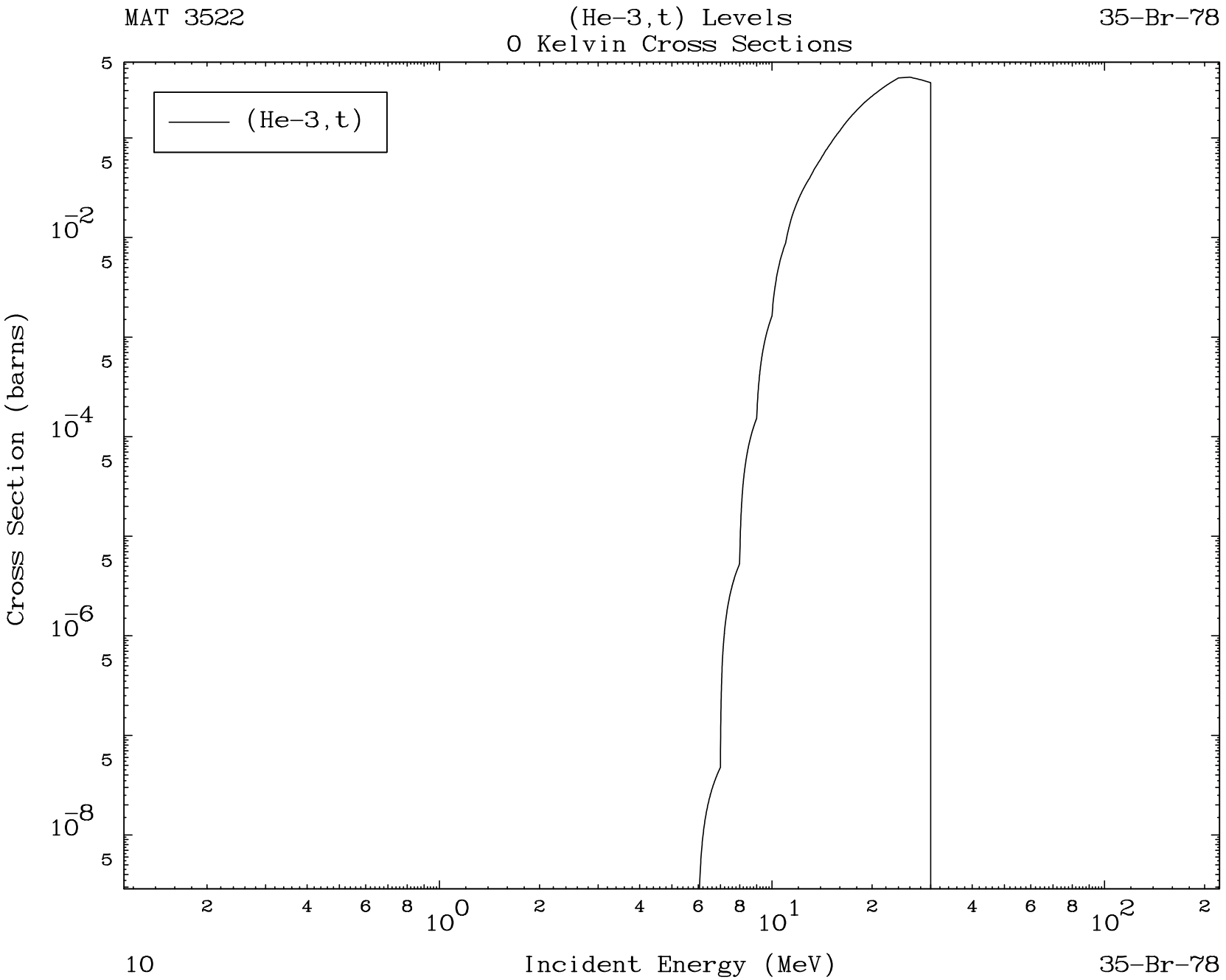

MAT 3522
He-3 Charged Particle
0 Kelvin Cross Sections
35-Br-78
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
35-Br-78

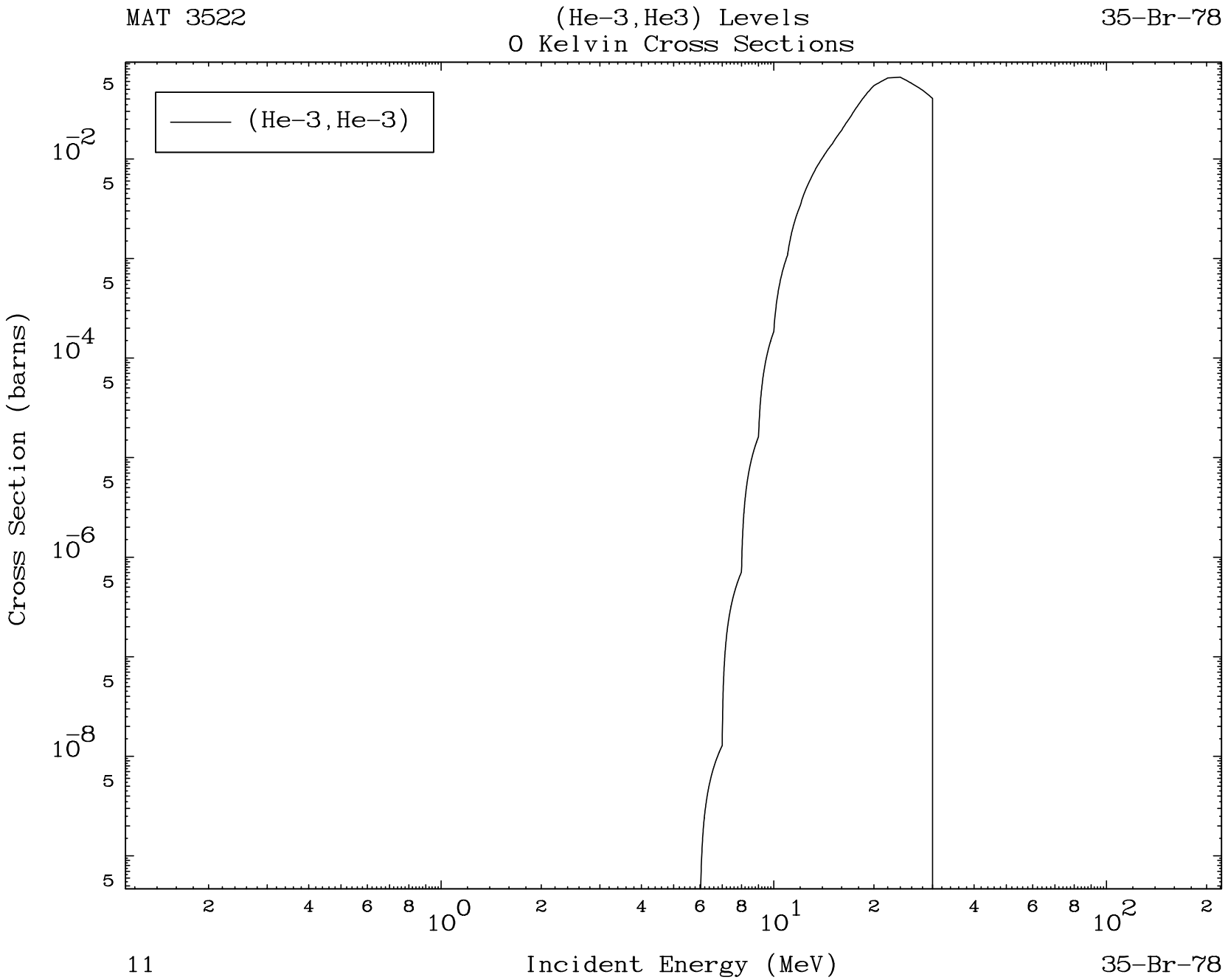

MAT 3522
He-3 Charged Particle
0 Kelvin Cross Sections
35-Br-78
(He-3,2α)
(He-3,3α)
(He-3,2p)
(He-3,p) α
(He-3,t) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
6
35-Br-78

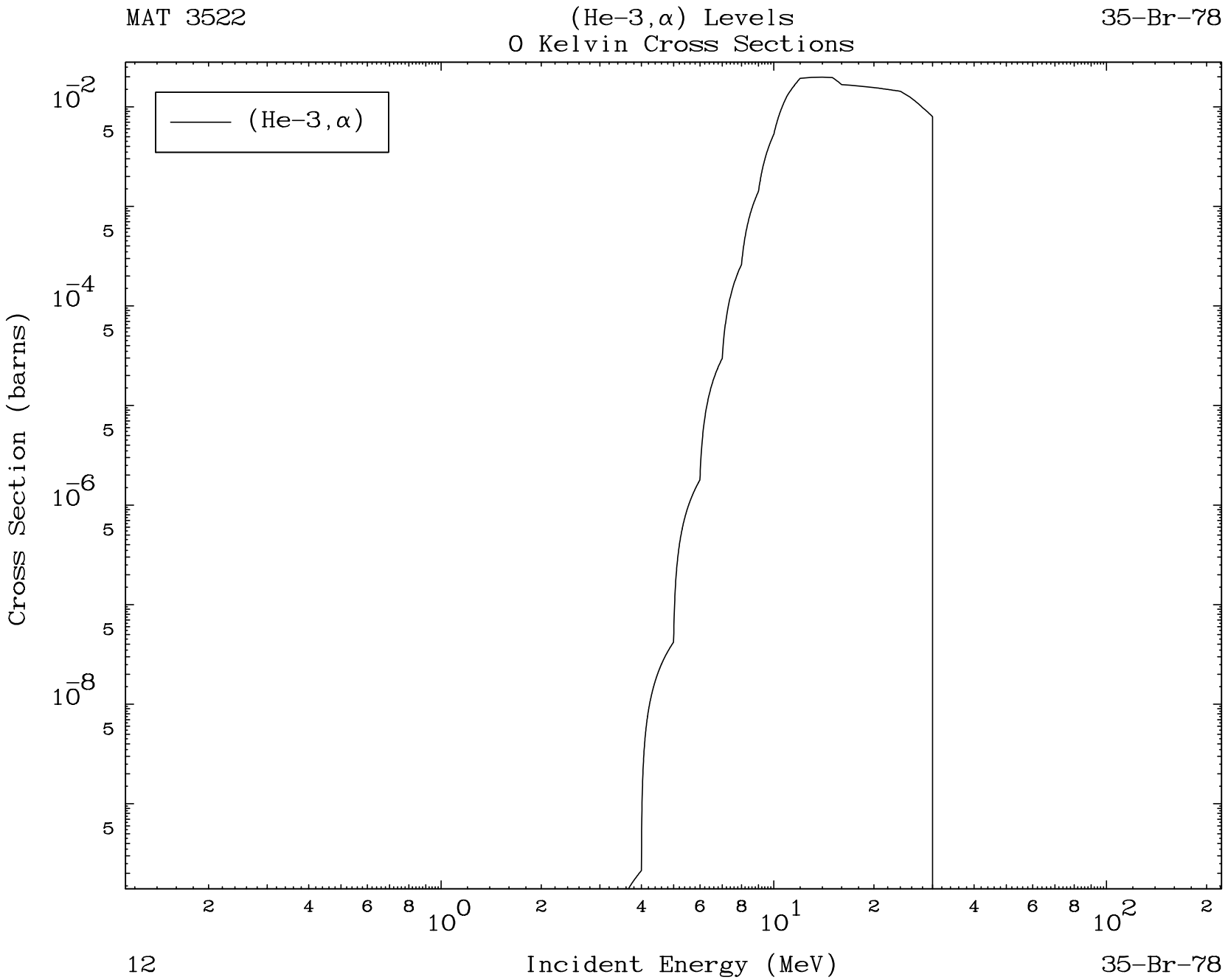

MAT 3522
(He-3,n') Level
35-Br-78
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
7
35-Br-78

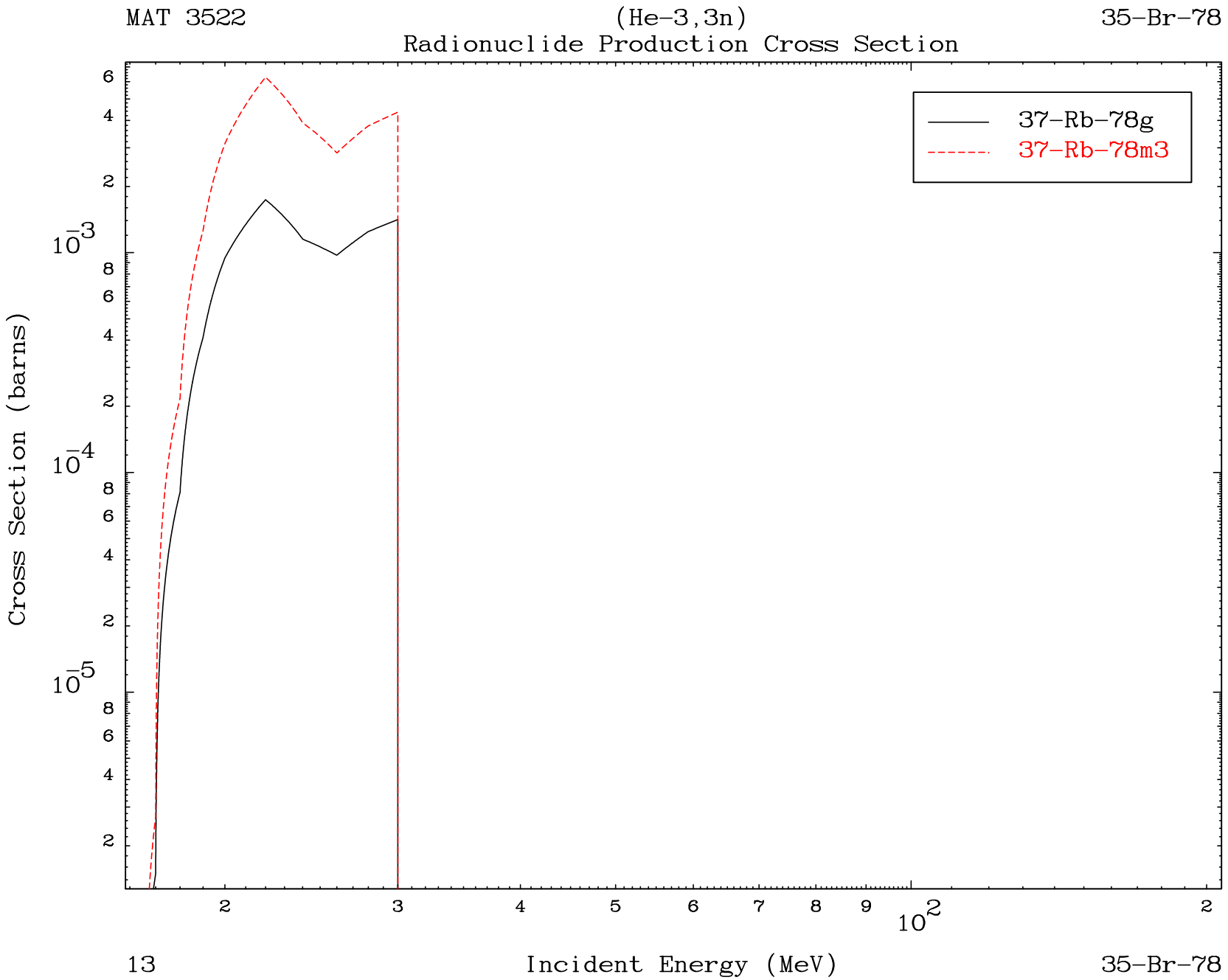

MAT 3522
(He-3,p) Levels
35-Br-78
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
8
35-Br-78

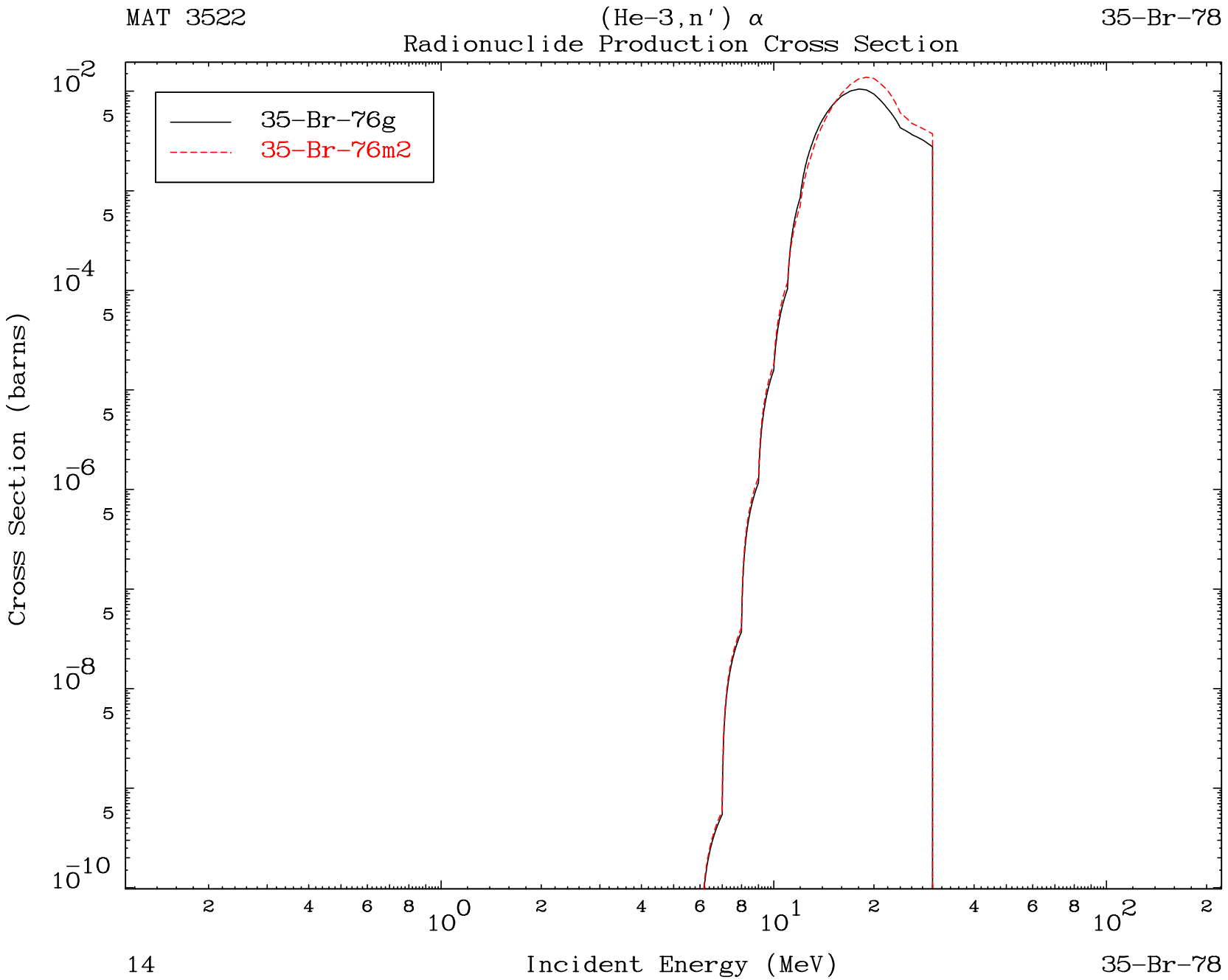

MAT 3522
(He-3,d) Levels
35-Br-78
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
9
35-Br-78

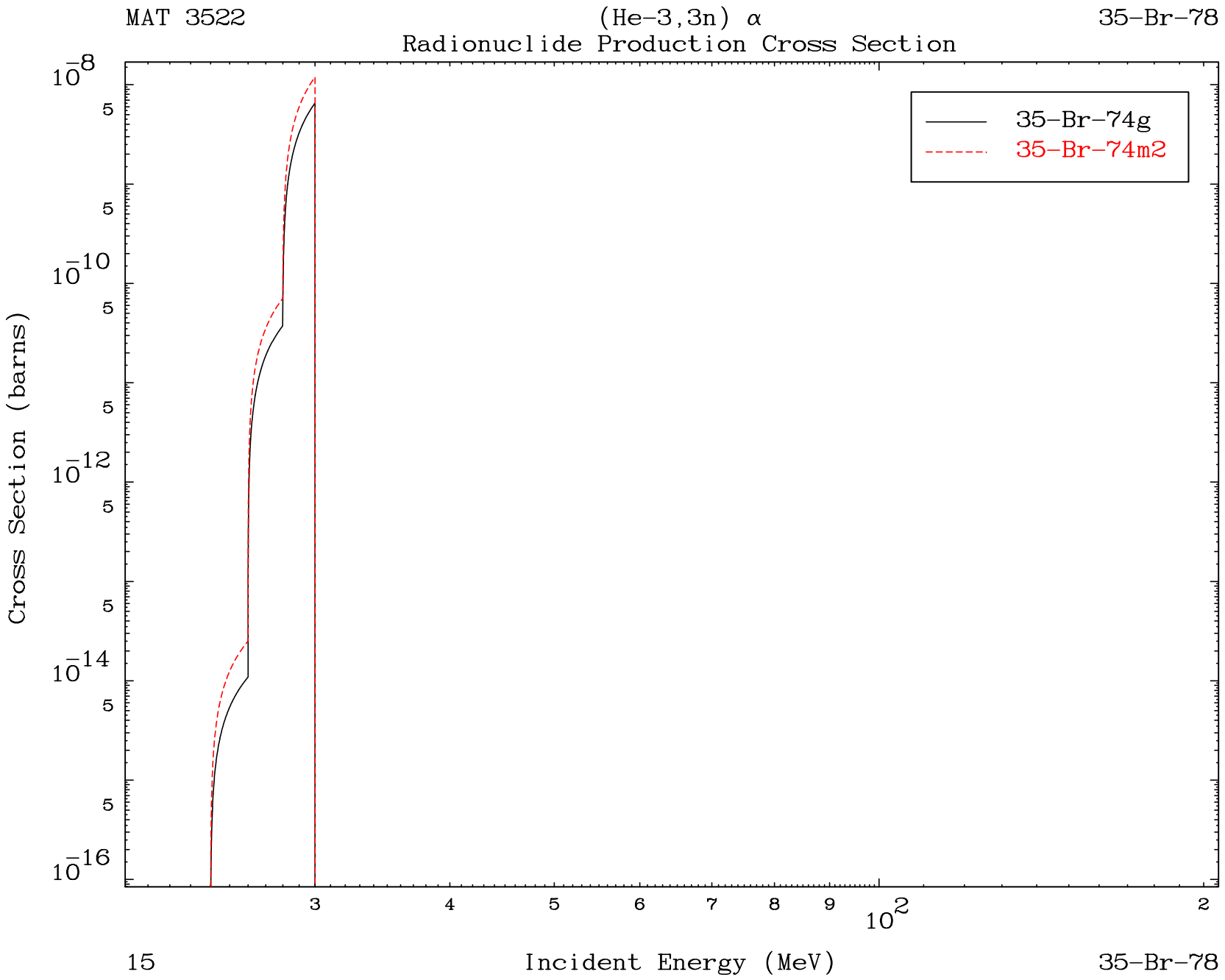

MAT 3522
(He-3,t) Levels
35-Br-78
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
35-Br-78

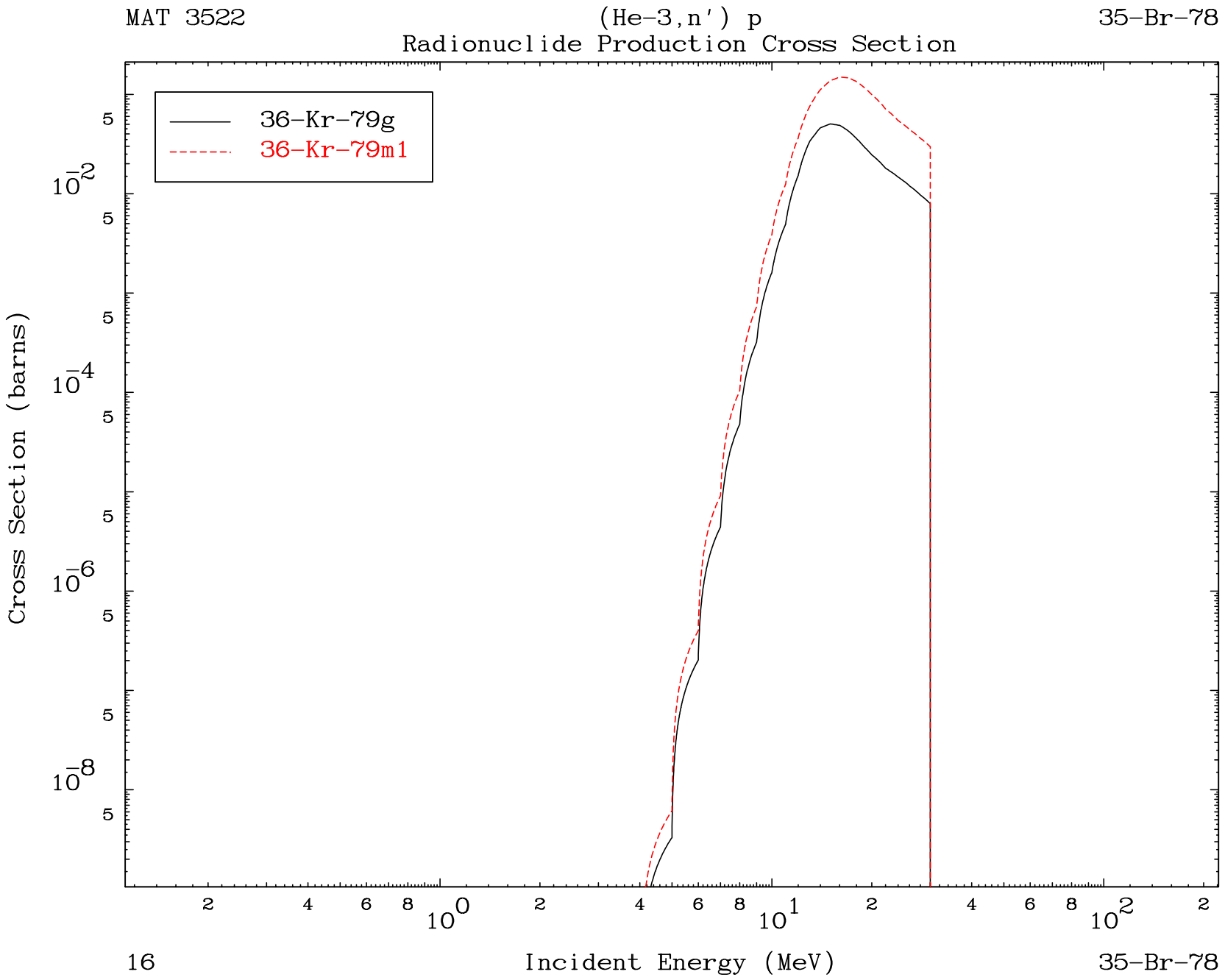

MAT 3522
(He-3,He3) Levels
35-Br-78
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
35-Br-78

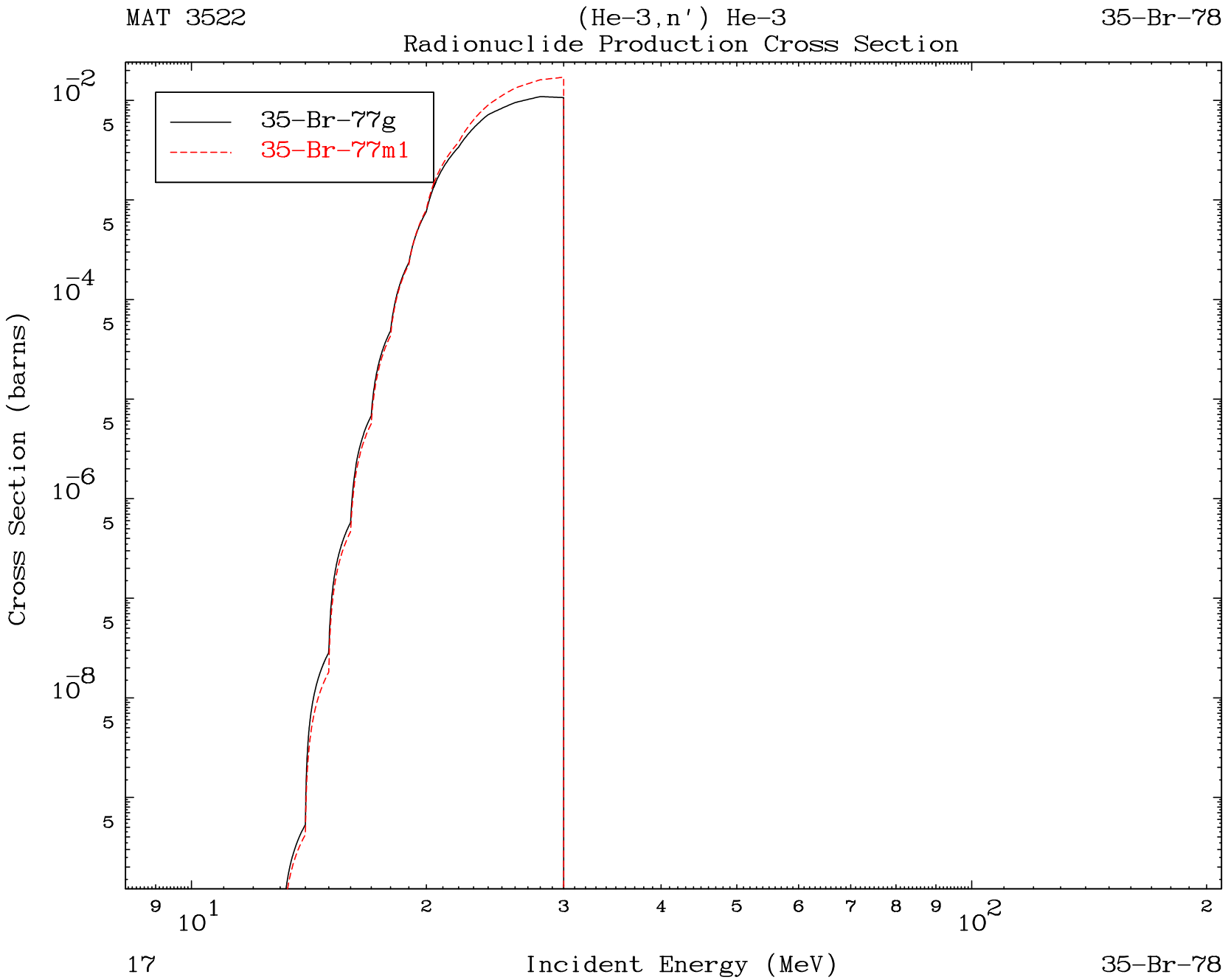

MAT 3522
(He-3,α) Levels
35-Br-78
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
12
Incident Energy (MeV)
35-Br-78

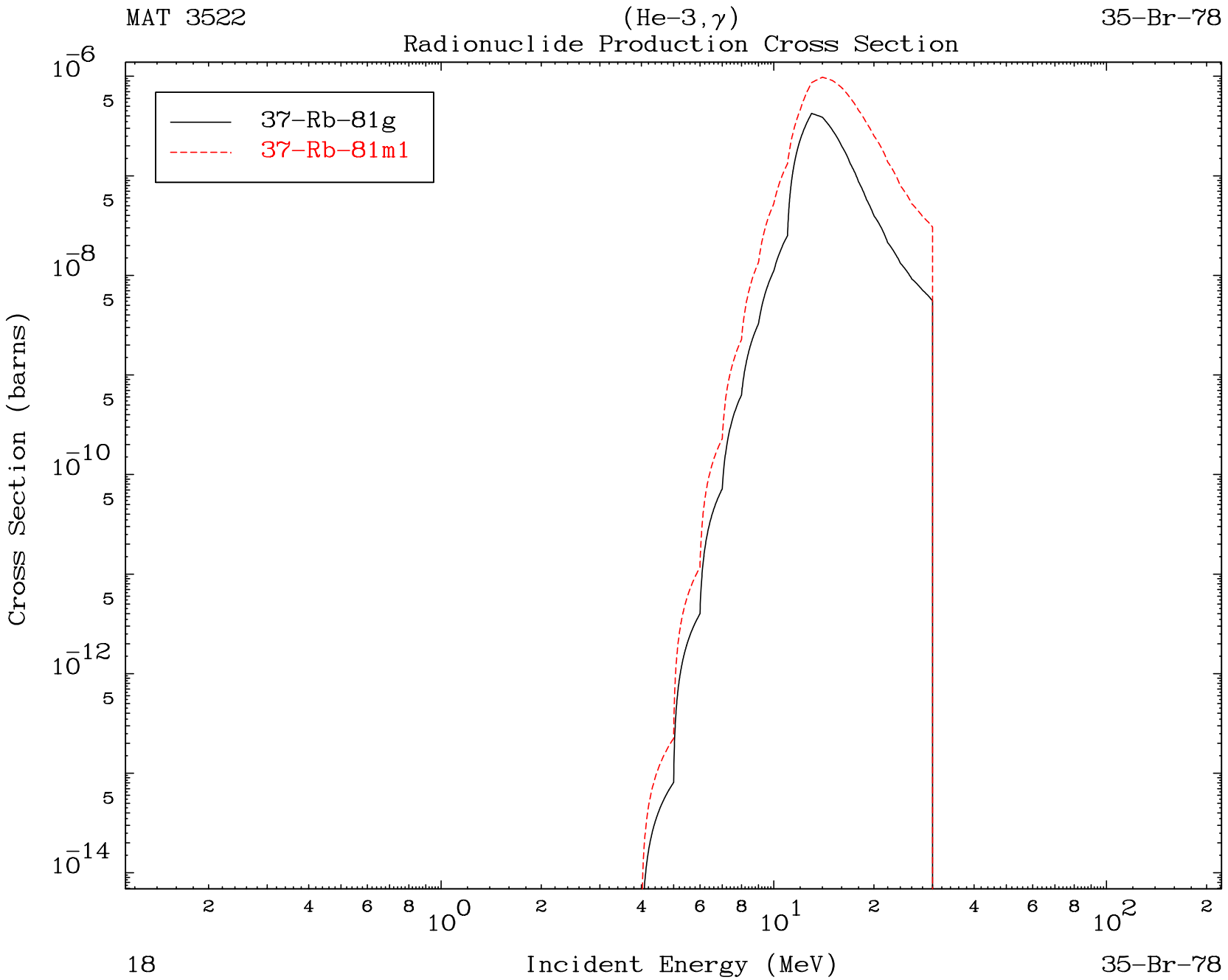

MAT 3522
(He-3,3n)
35-Br-78
Radionuclide Production Cross Section
37-Rb-78g
37-Rb-78m3
Cross Section (barns)
Incident Energy (MeV)
13
35-Br-78

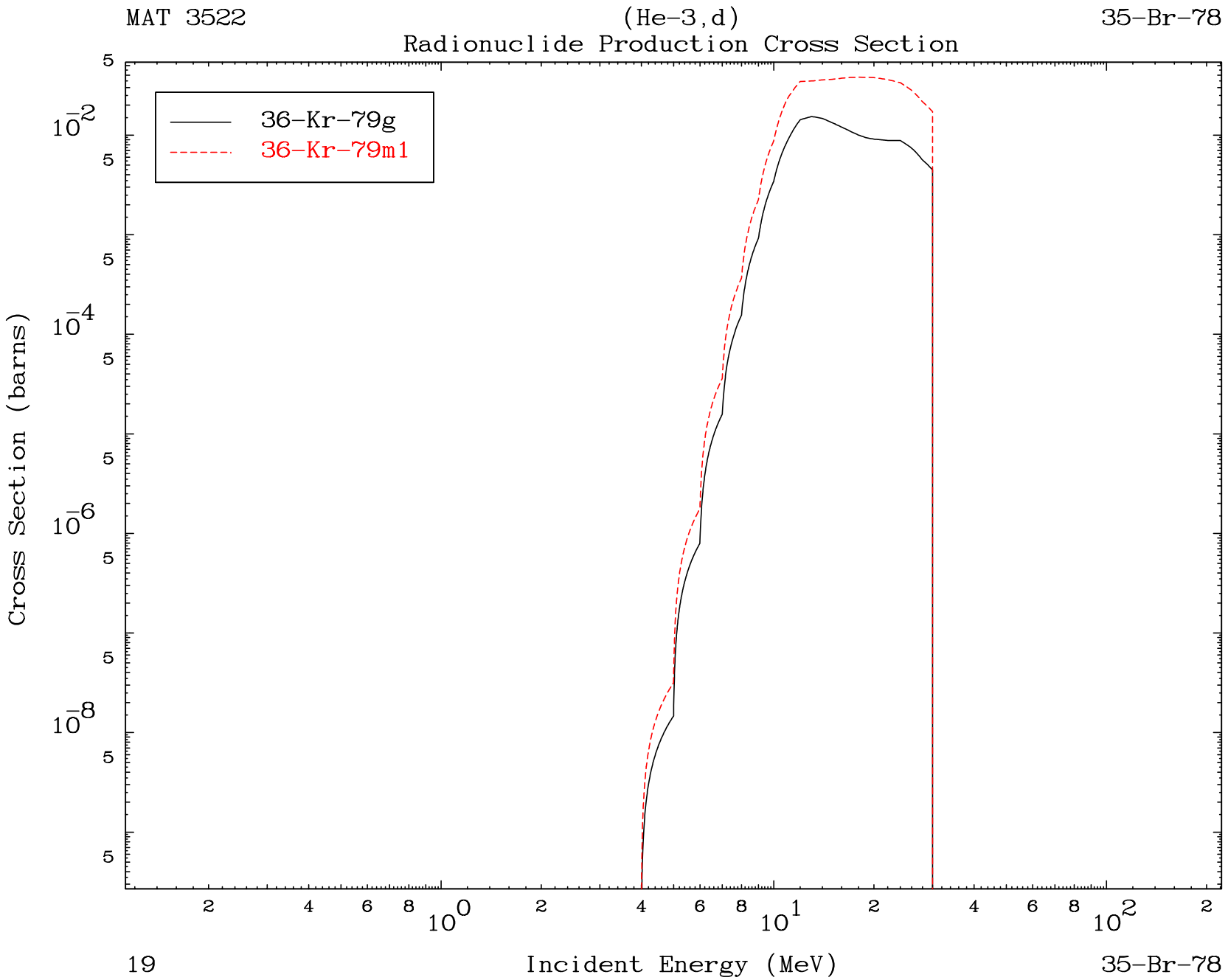

MAT 3522
(He-3,n') α
35-Br-78
Radionuclide Production Cross Section
35-Br-76g
35-Br-76m2
Cross Section (barns)
Incident Energy (MeV)
14
35-Br-78

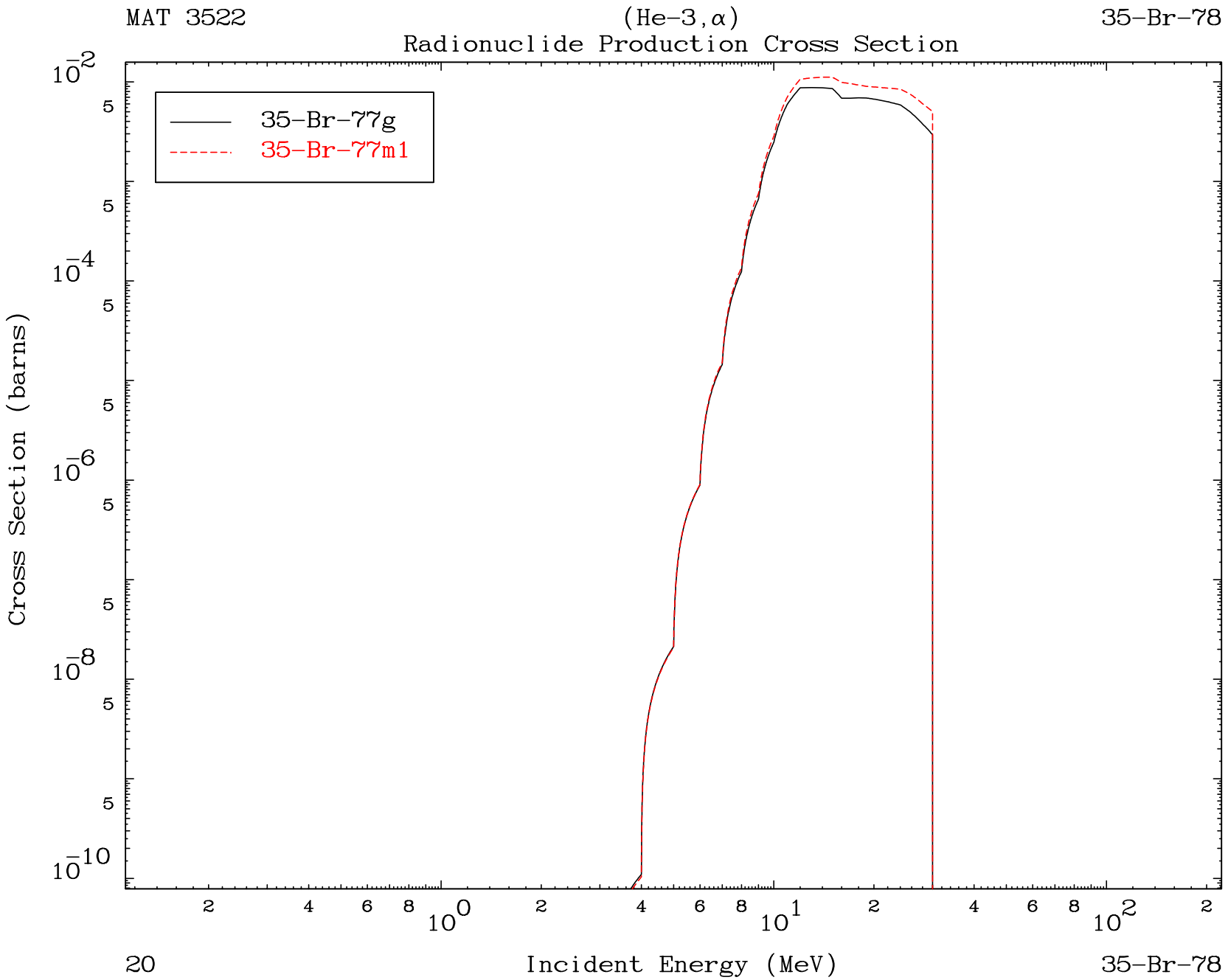

MAT 3522
(He-3,3n) α
35-Br-78
Radionuclide Production Cross Section
35-Br-74g
35-Br-74m2
Cross Section (barns)
10-8
10-10
10-12
10-14
10-16
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
35-Br-78

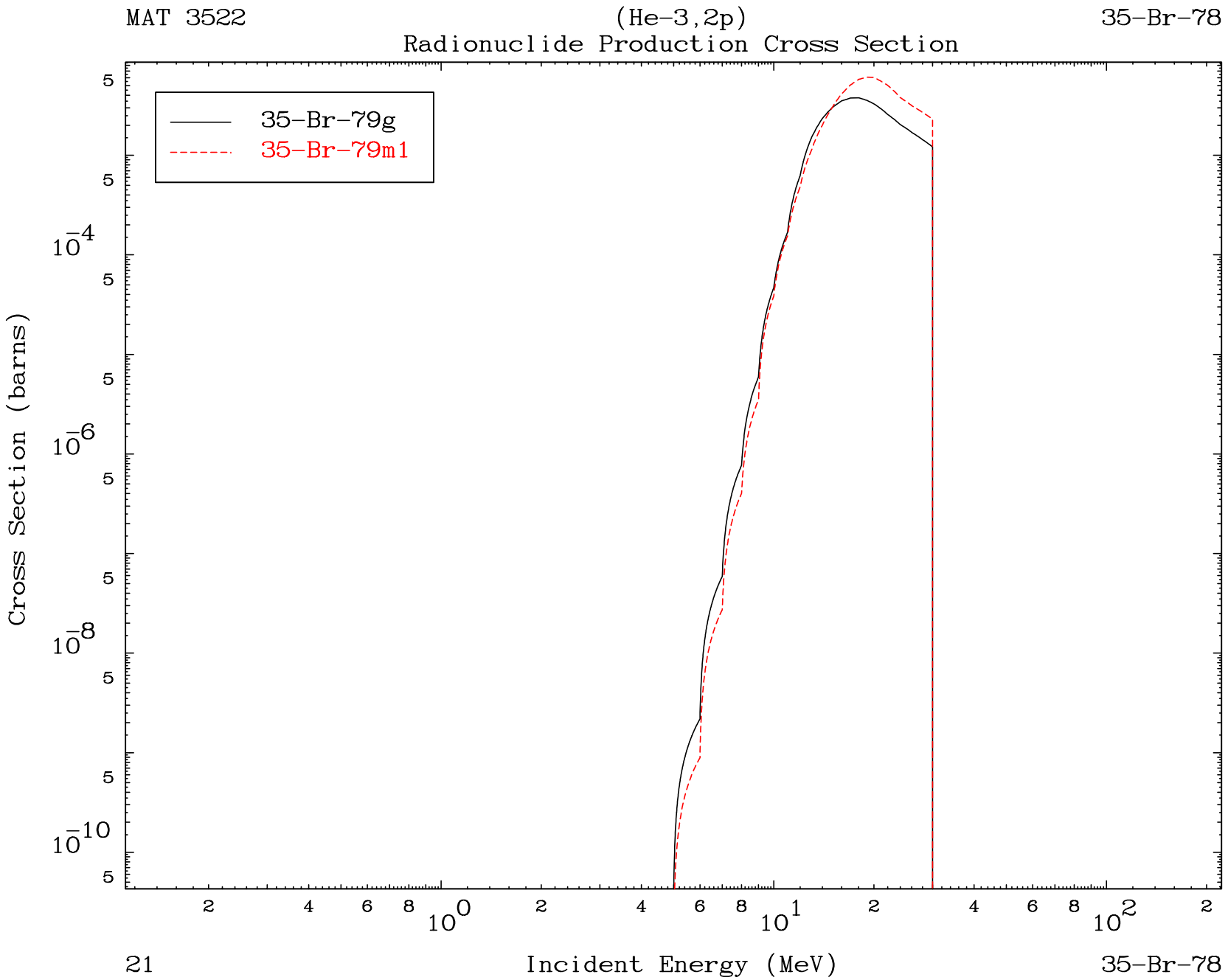

MAT 3522
(He-3,n') p
35-Br-78
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
16
35-Br-78

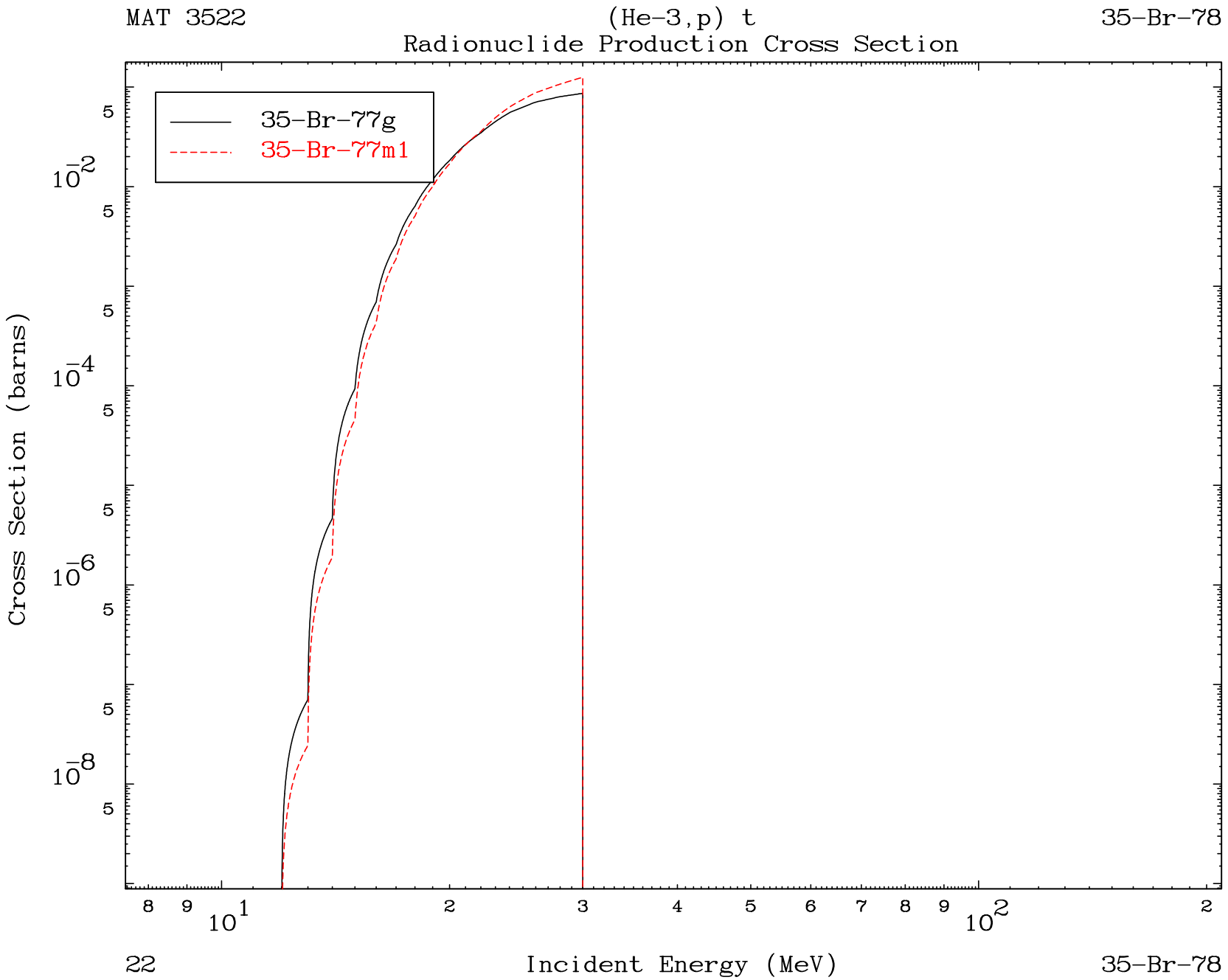

MAT 3522
(He-3,n') He-3
35-Br-78
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
Incident Energy (MeV)
17
35-Br-78


MAT 3522
(He-3,γ)
35-Br-78
Radionuclide Production Cross Section
37-Rb-81g
37-Rb-81m1
Cross Section (barns)
Incident Energy (MeV)
18
35-Br-78


MAT 3522
(He-3,d)
35-Br-78
Radionuclide Production Cross Section
36-Kr-79g
36-Kr-79m1
Cross Section (barns)
Incident Energy (MeV)
19
35-Br-78


MAT 3522
(He-3,α)
35-Br-78
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
Incident Energy (MeV)
20
35-Br-78


MAT 3522
(He-3,2p)
35-Br-78
Radionuclide Production Cross Section
35-Br-79g
35-Br-79m1
Cross Section (barns)
Incident Energy (MeV)
21
35-Br-78


MAT 3522
(He-3,p) t
35-Br-78
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
22
35-Br-78