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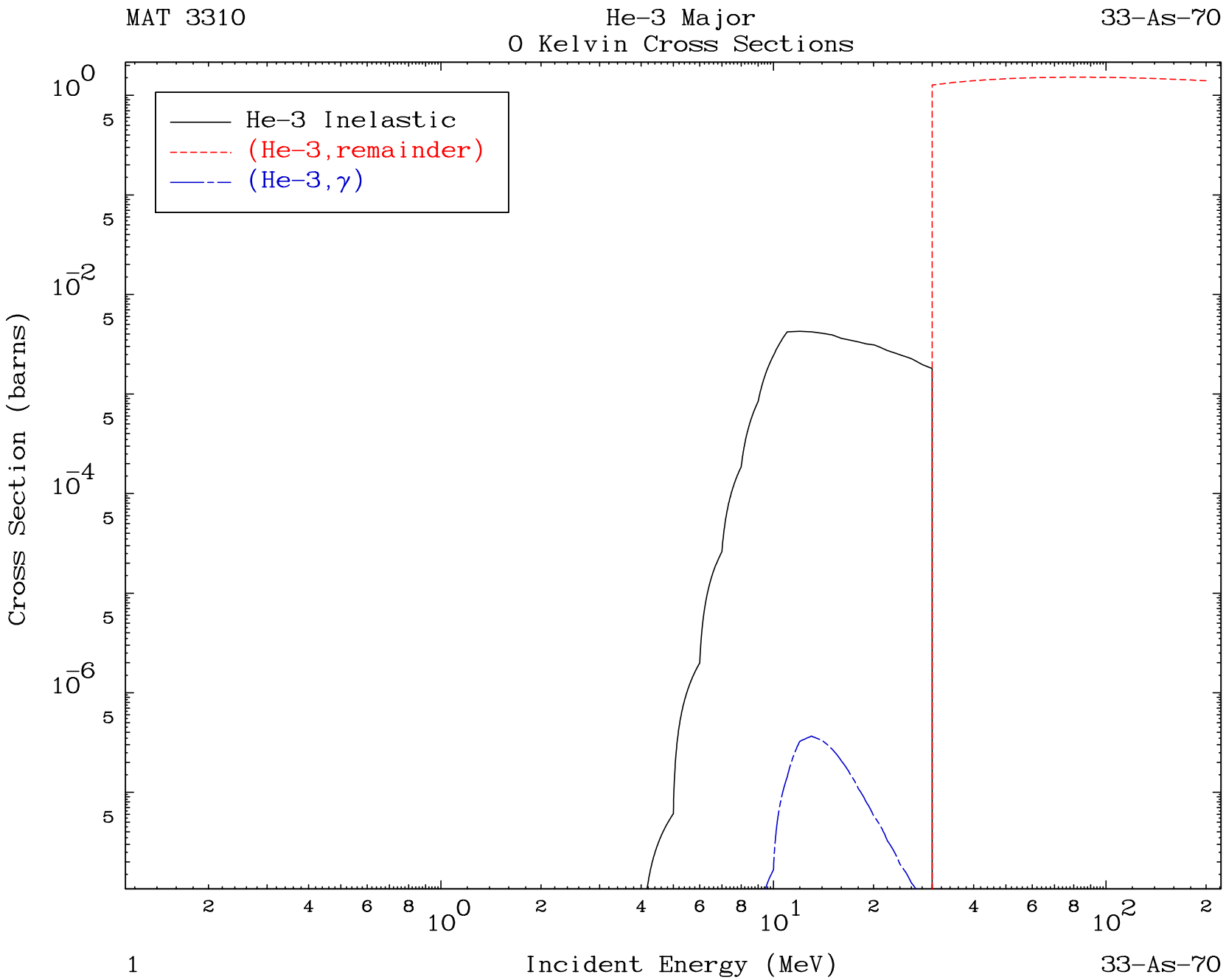
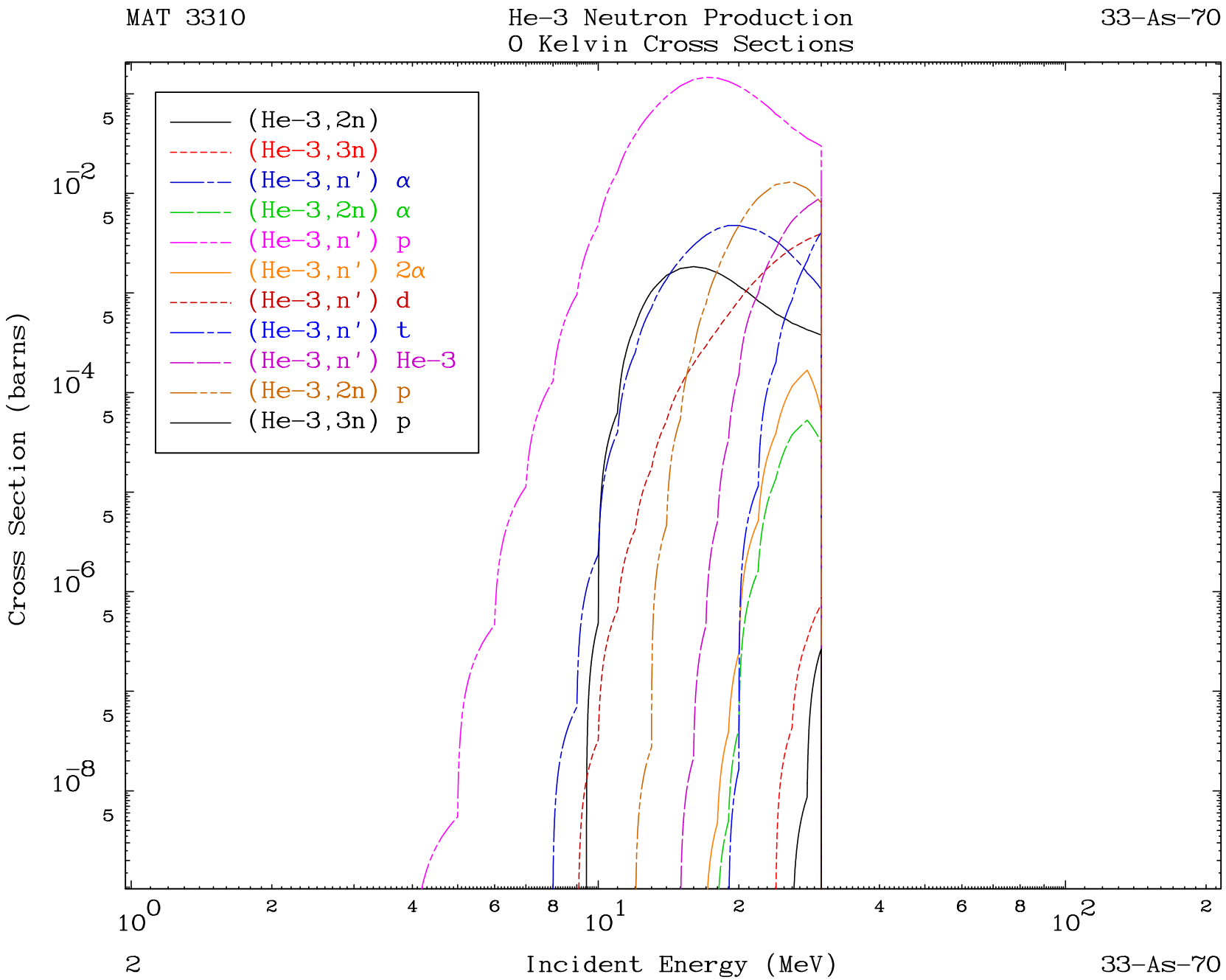
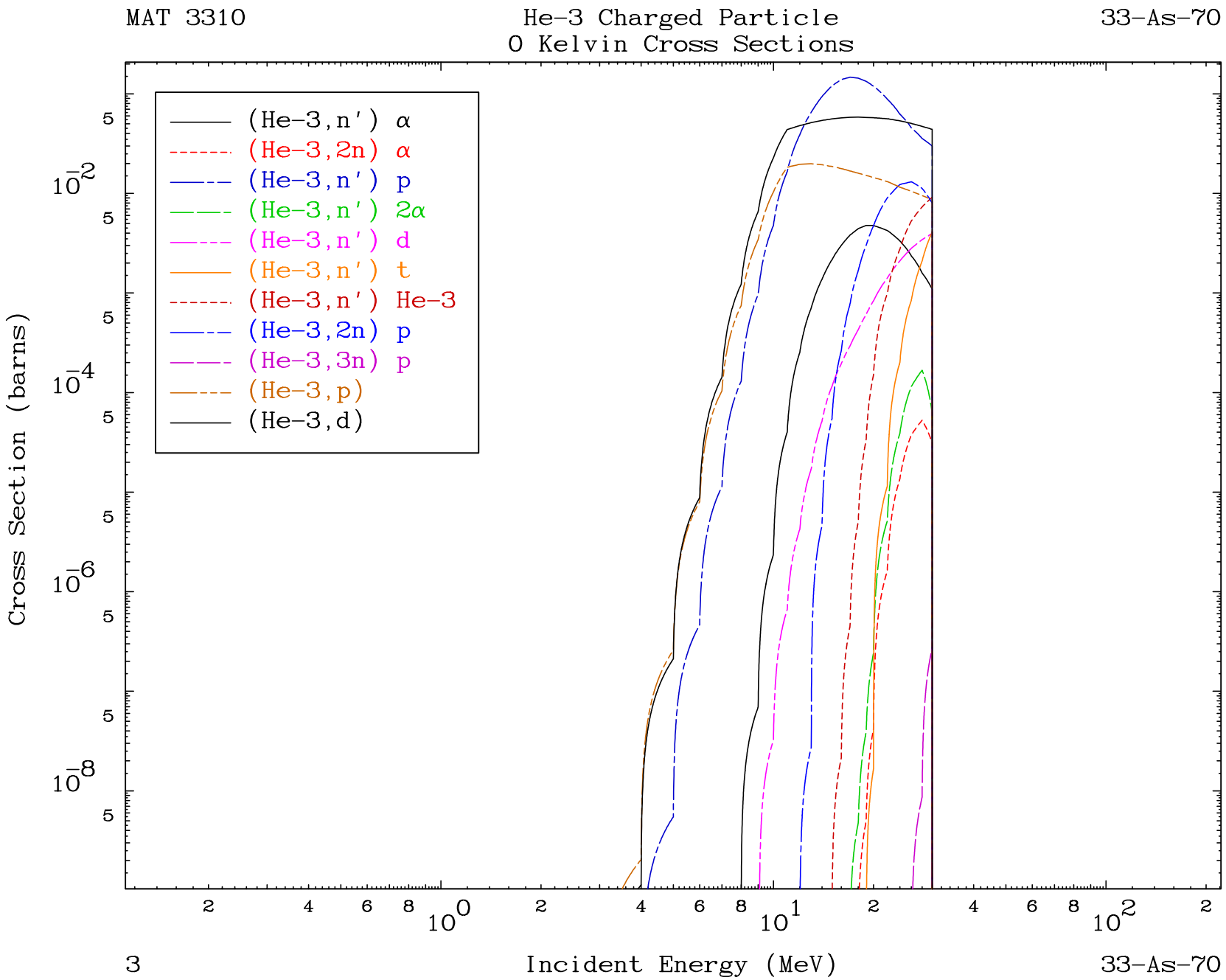
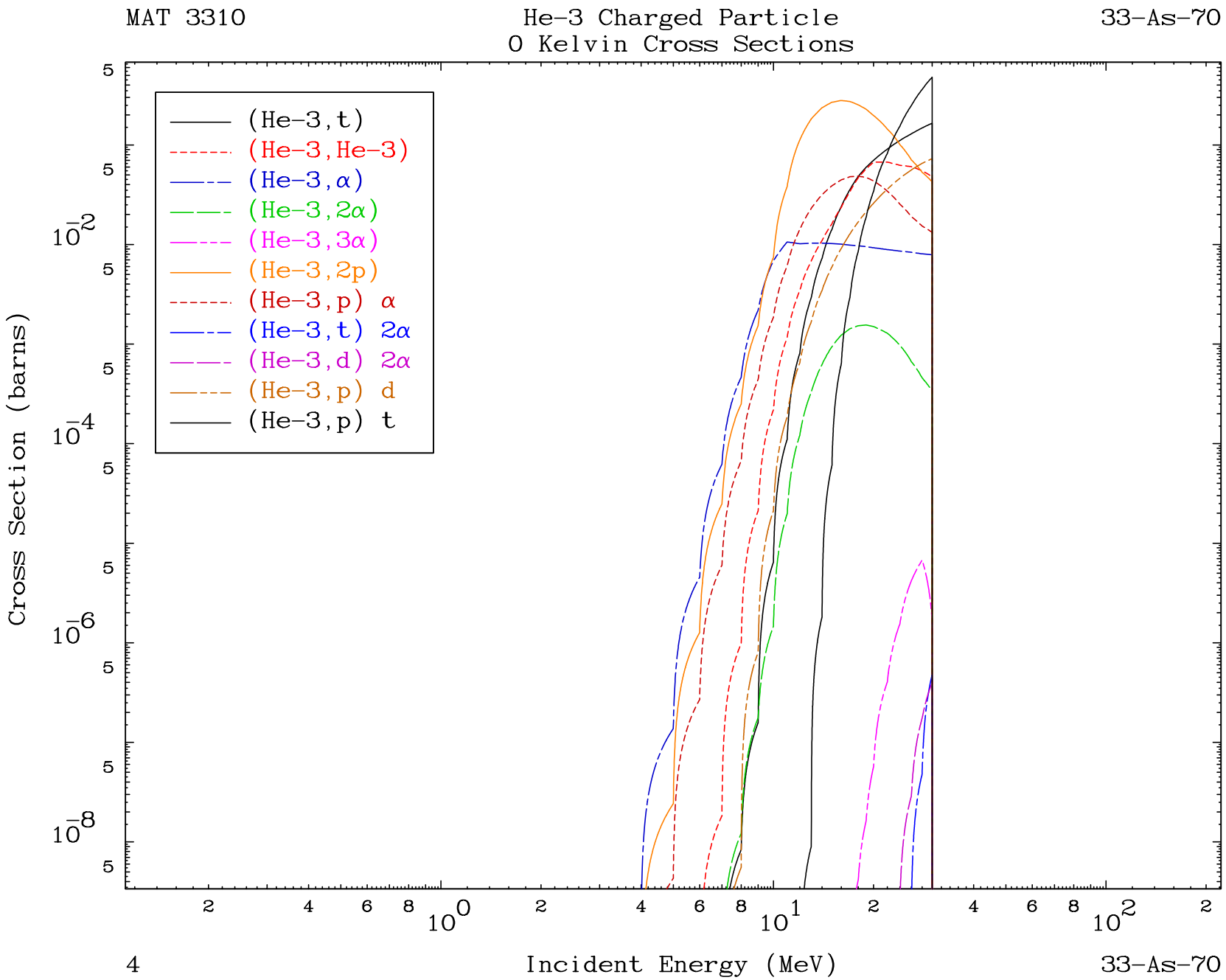
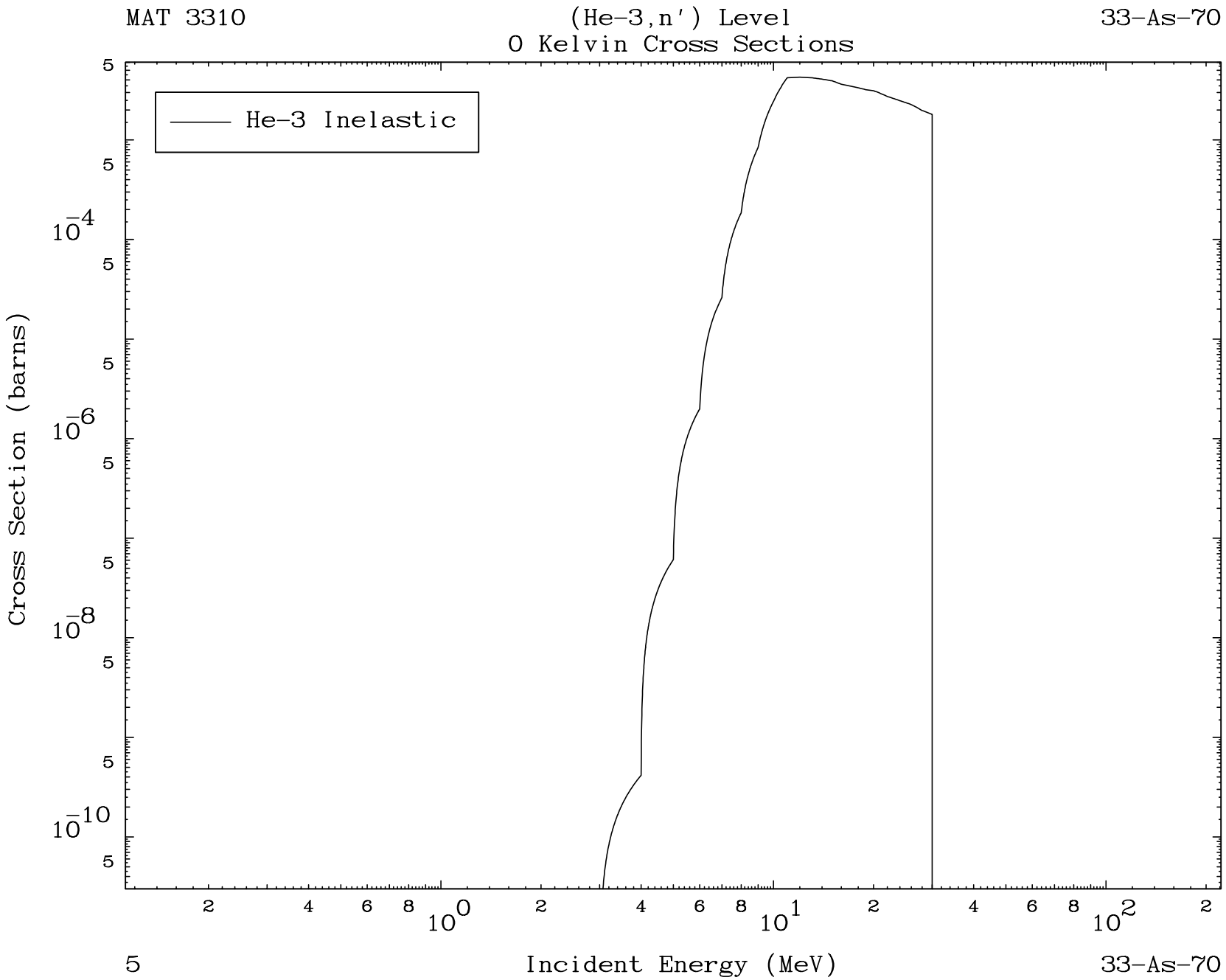
Press Mouse Button to Start

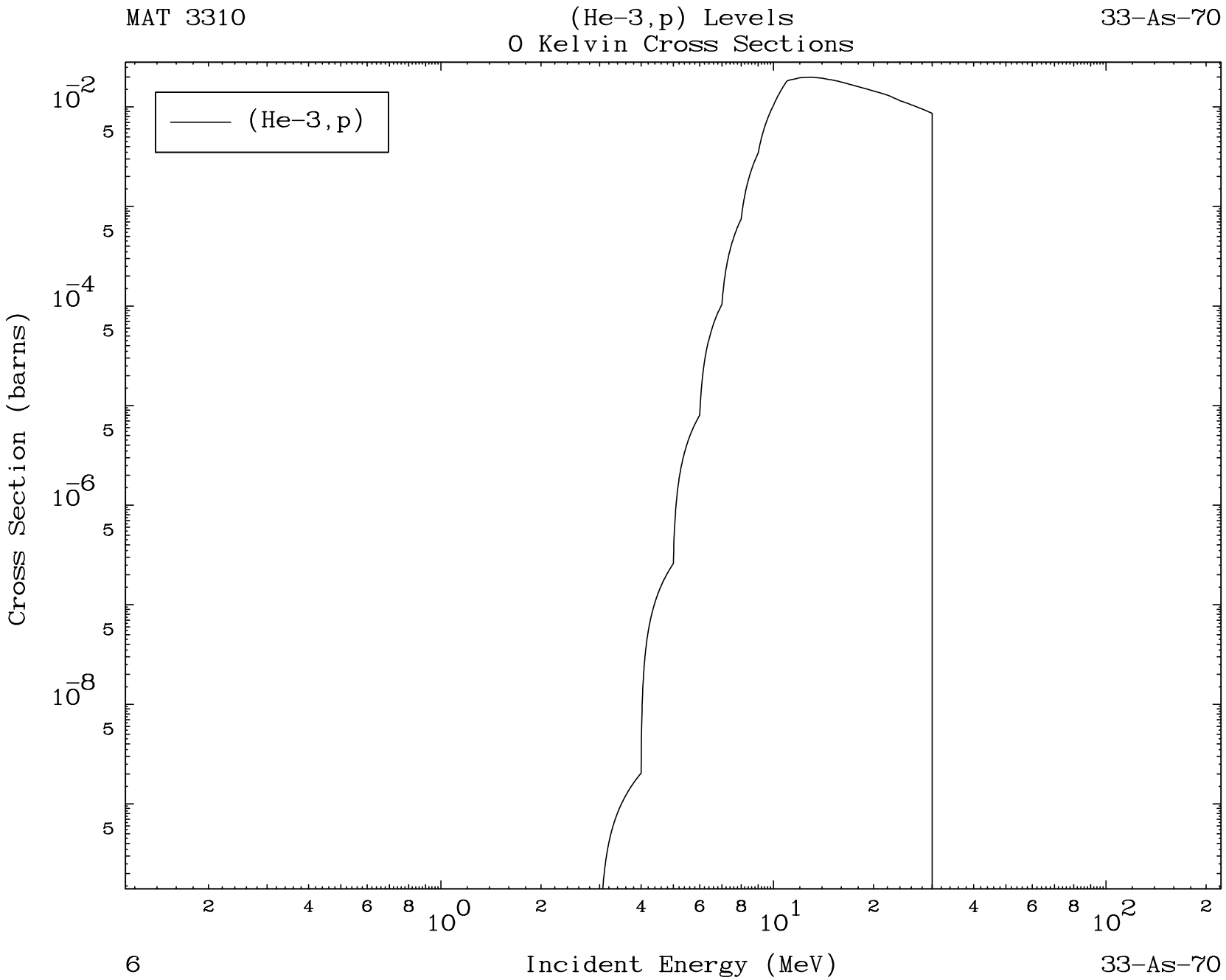

MAT 3310
He-3 Major
33-As-70
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
33-As-70

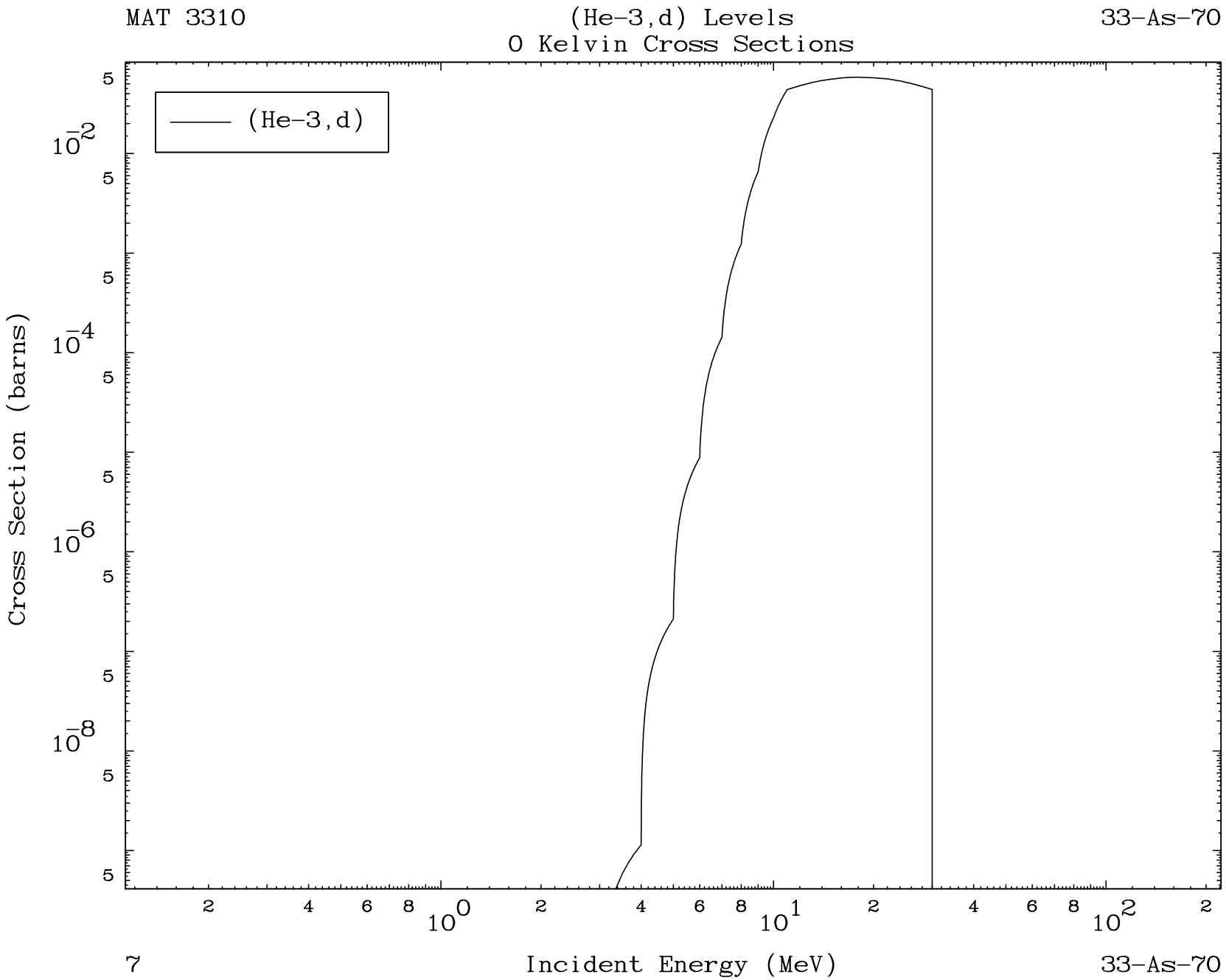

MAT 3310
He-3 Neutron Production
0 Kelvin Cross Sections
33-As-70
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
33-As-70

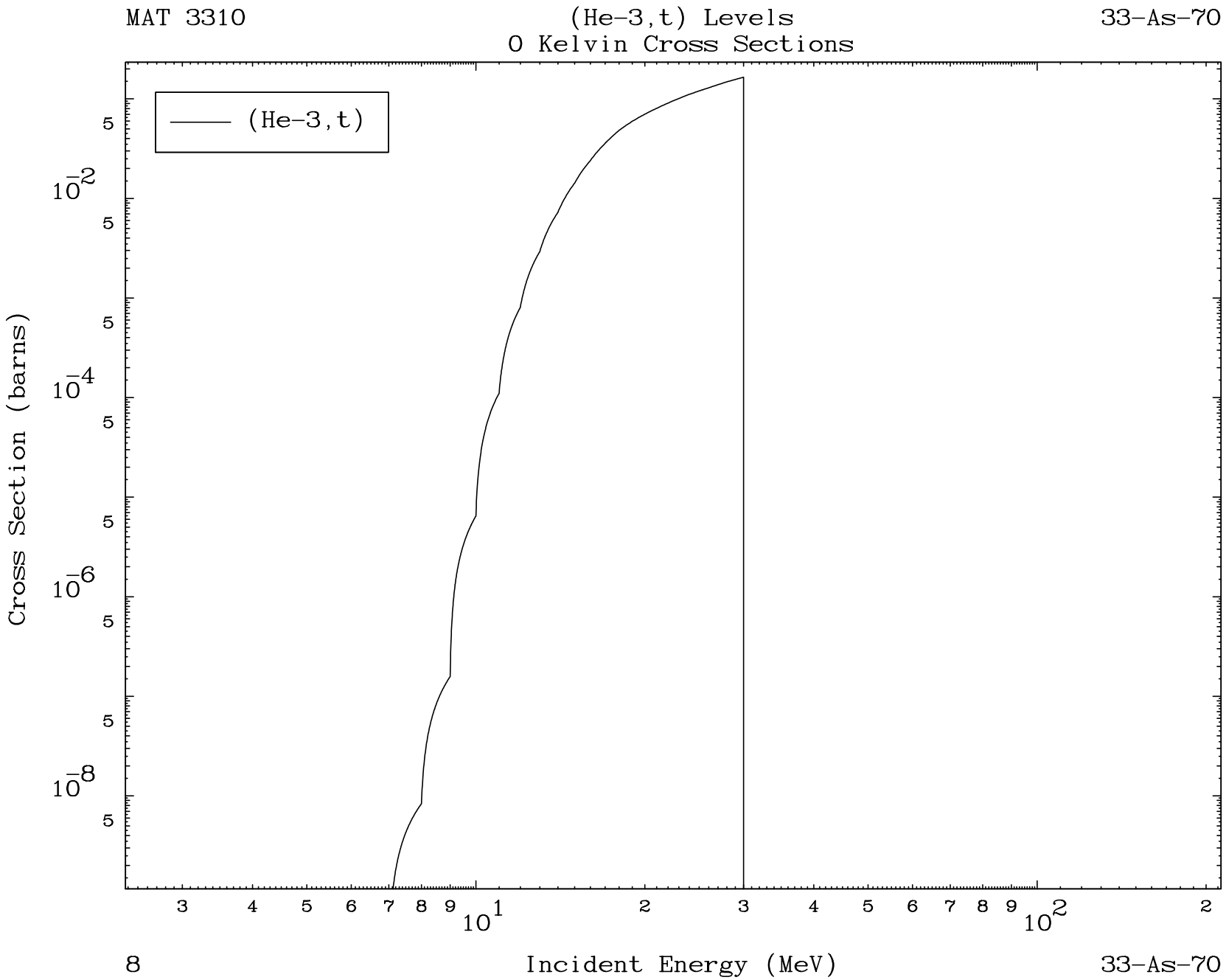

MAT 3310
He-3 Charged Particle
0 Kelvin Cross Sections
33-As-70
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
(He-3,p)
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
3
33-As-70

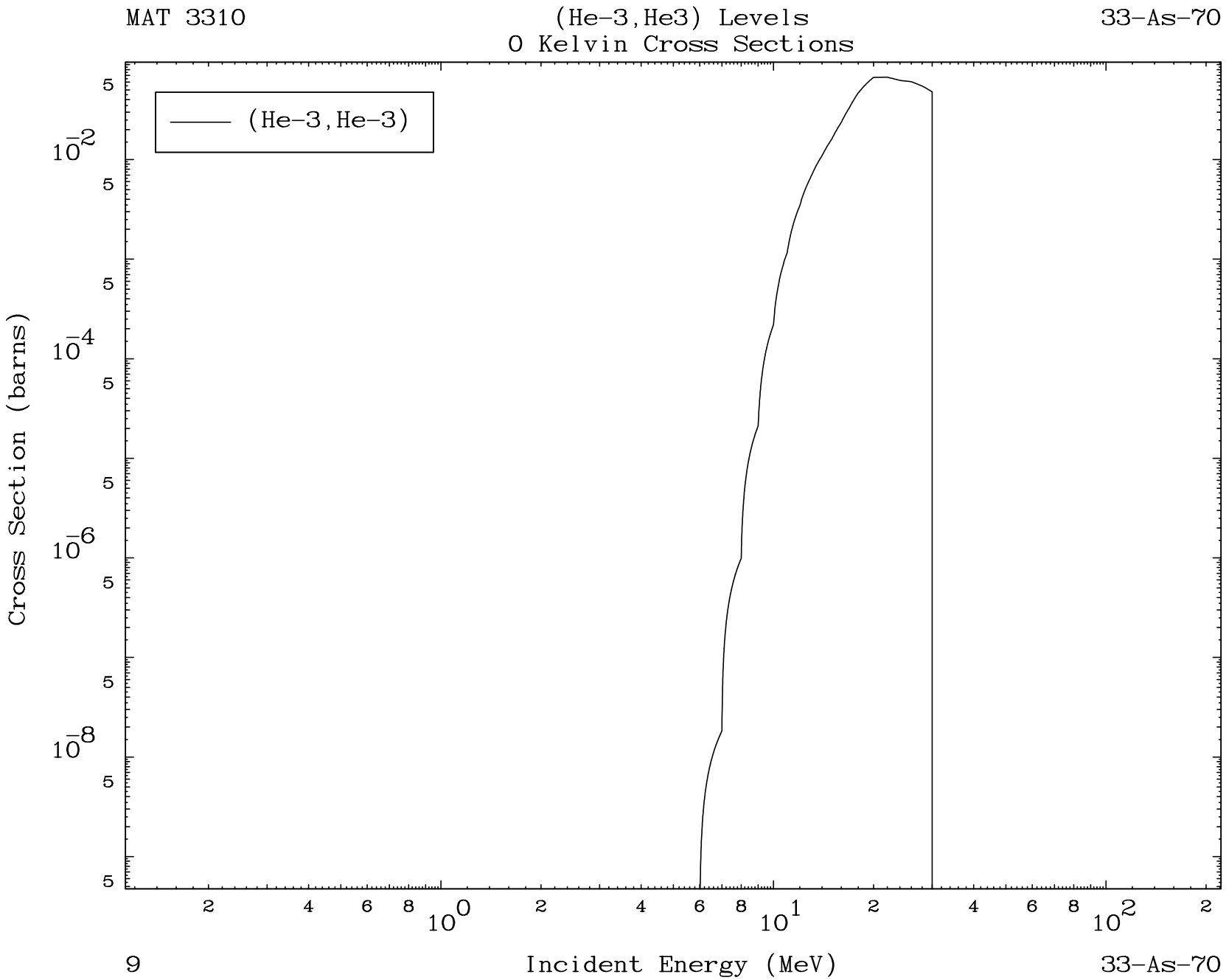

MAT 3310
He-3 Charged Particle
0 Kelvin Cross Sections
33-As-70
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,3α)
(He-3,2p)
(He-3,p) α
(He-3,t) 2α
(He-3,d) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
4
33-As-70

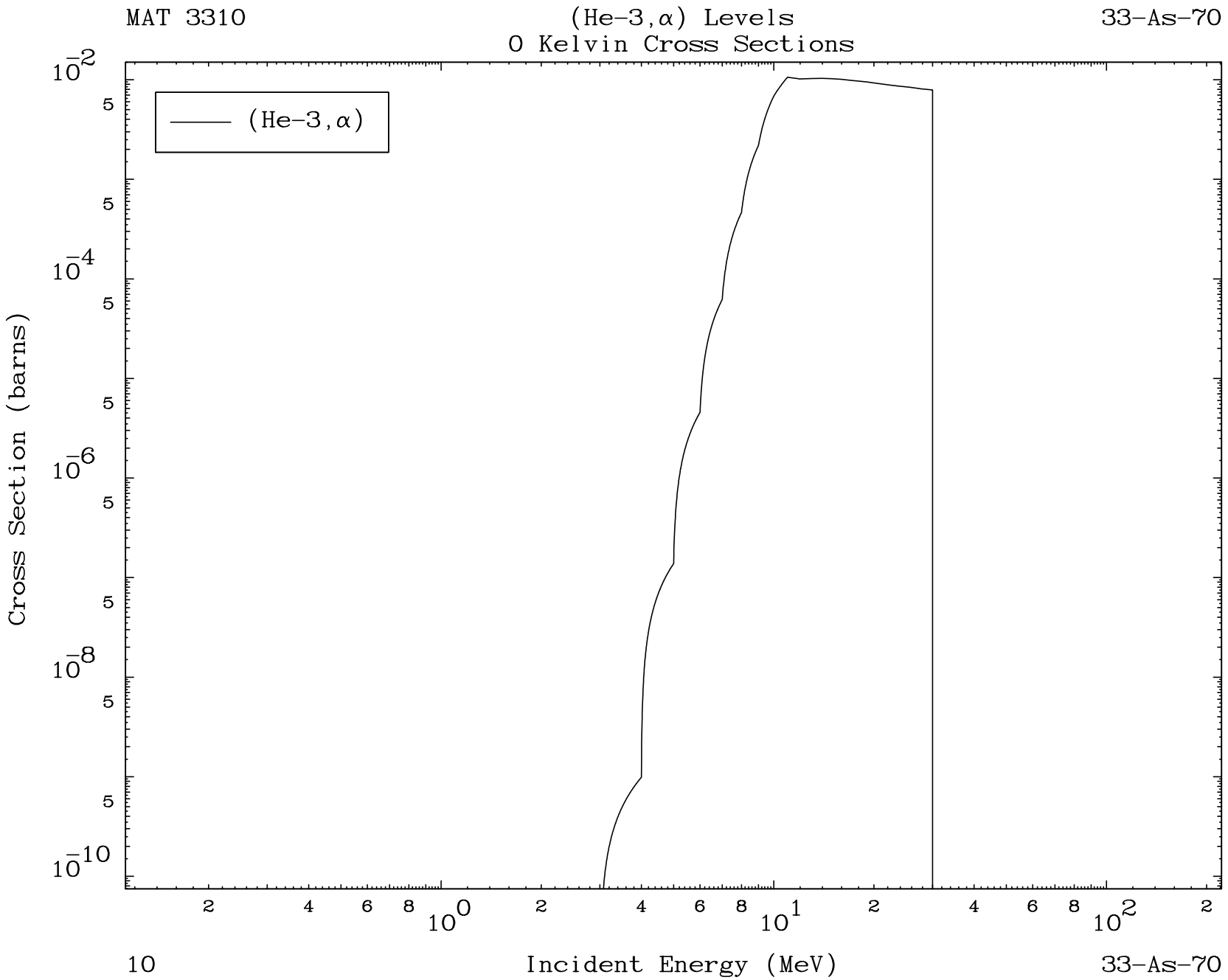

MAT 3310
(He-3,n') Level
33-As-70
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
33-As-70

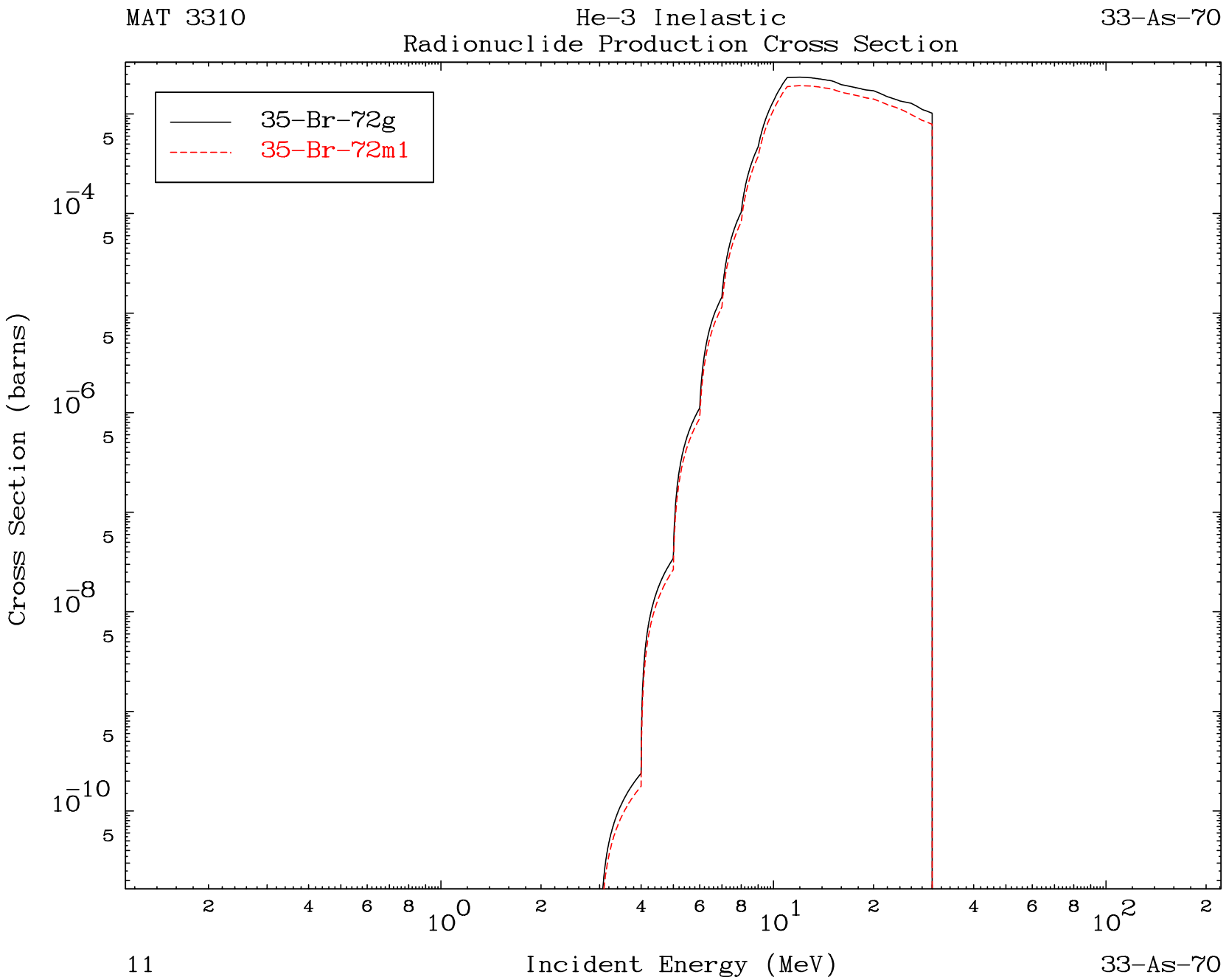

MAT 3310
(He-3,p) Levels
0 Kelvin Cross Sections
33-As-70
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
6
33-As-70

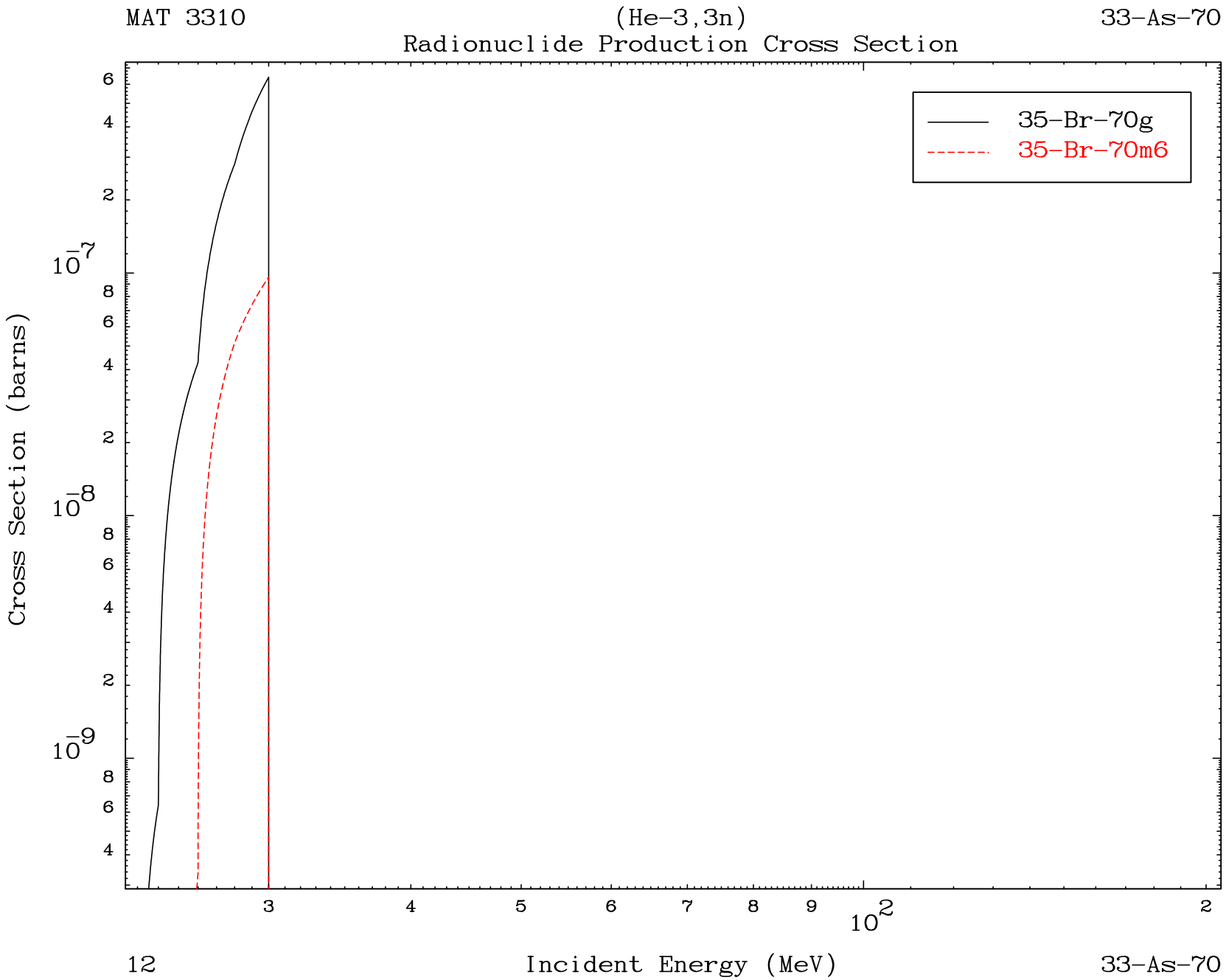

MAT 3310
(He-3,d) Levels
33-As-70
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
7
33-As-70


MAT 3310
(He-3,t) Levels
33-As-70
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
8
33-As-70


MAT 3310
(He-3,He3) Levels
33-As-70
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
33-As-70


MAT 3310
(He-3,α) Levels
33-As-70
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
33-As-70


MAT 3310
He-3 Inelastic
33-As-70
Radionuclide Production Cross Section
35-Br-72g
35-Br-72m1
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
11
33-As-70


MAT 3310
(He-3,3n)
33-As-70
Radionuclide Production Cross Section
35-Br-70g
35-Br-70m6
Cross Section (barns)
Incident Energy (MeV)
12
33-As-70