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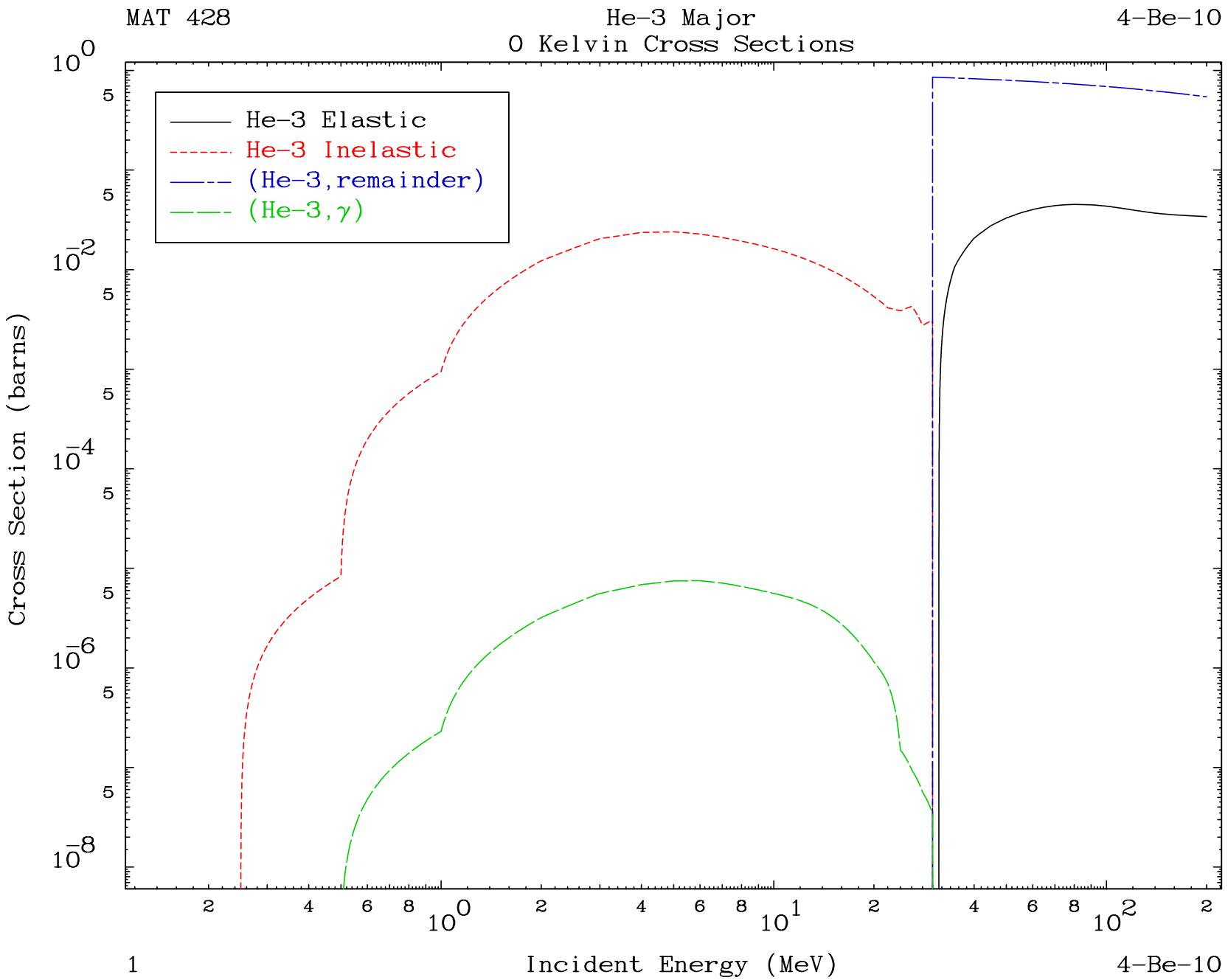
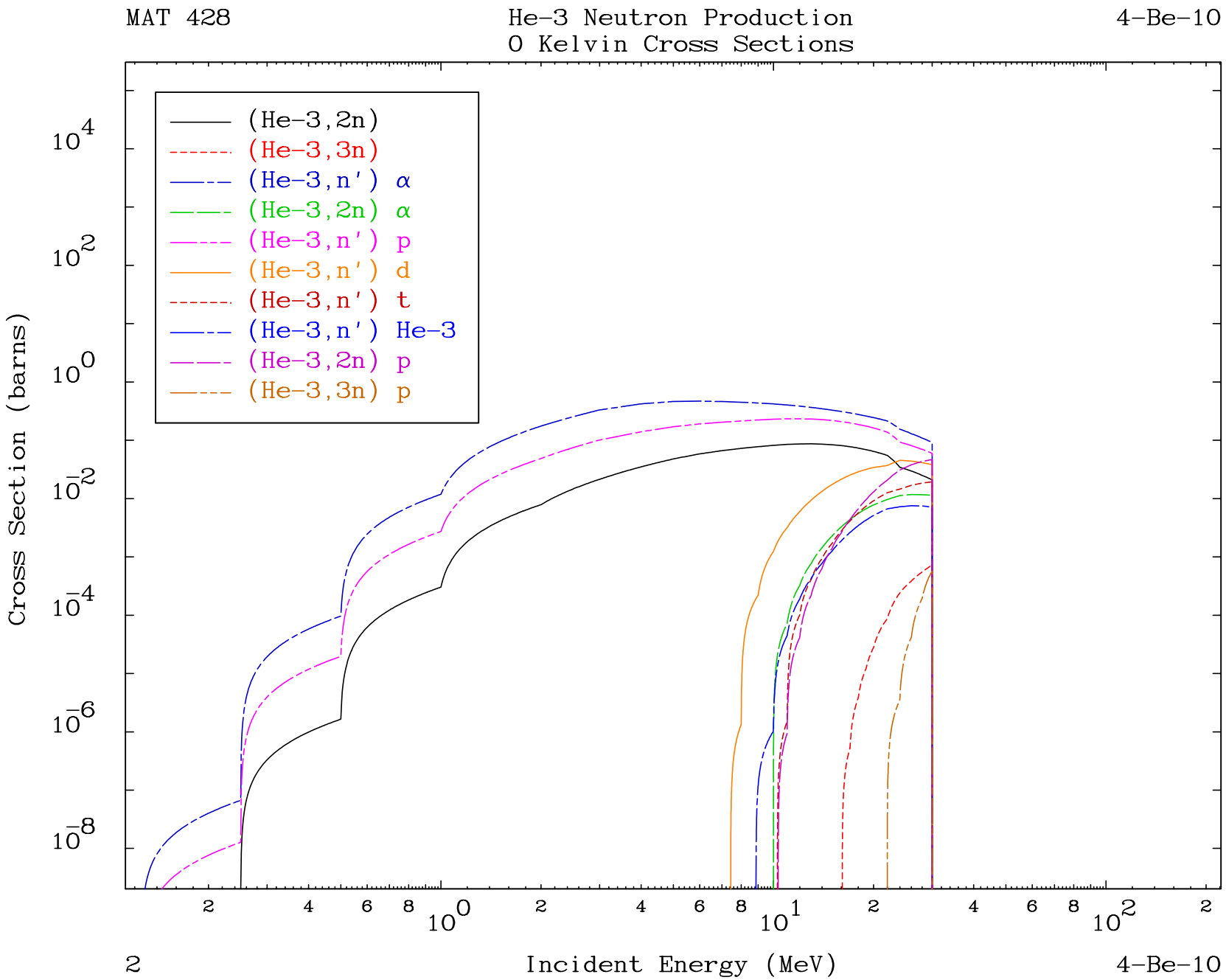
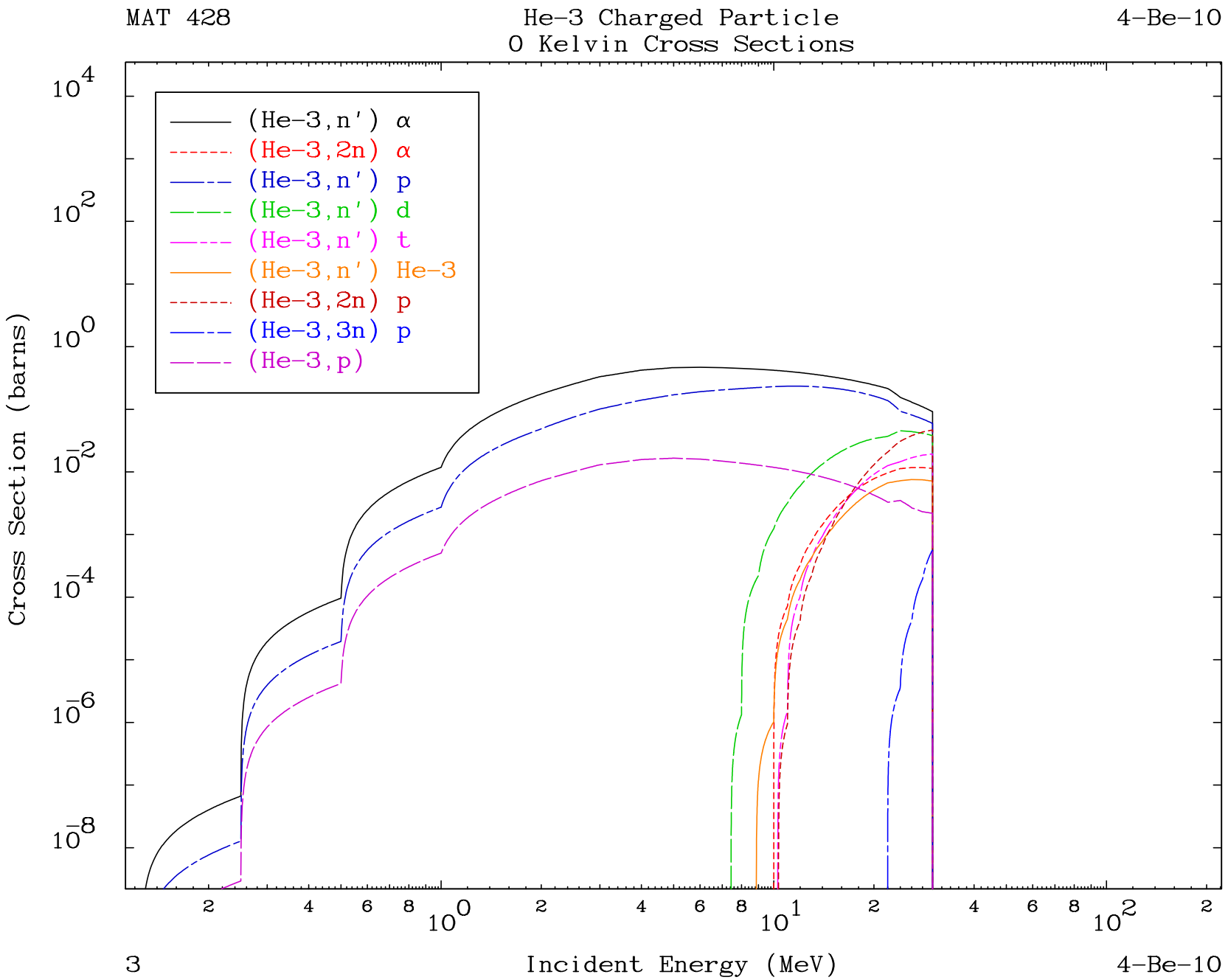
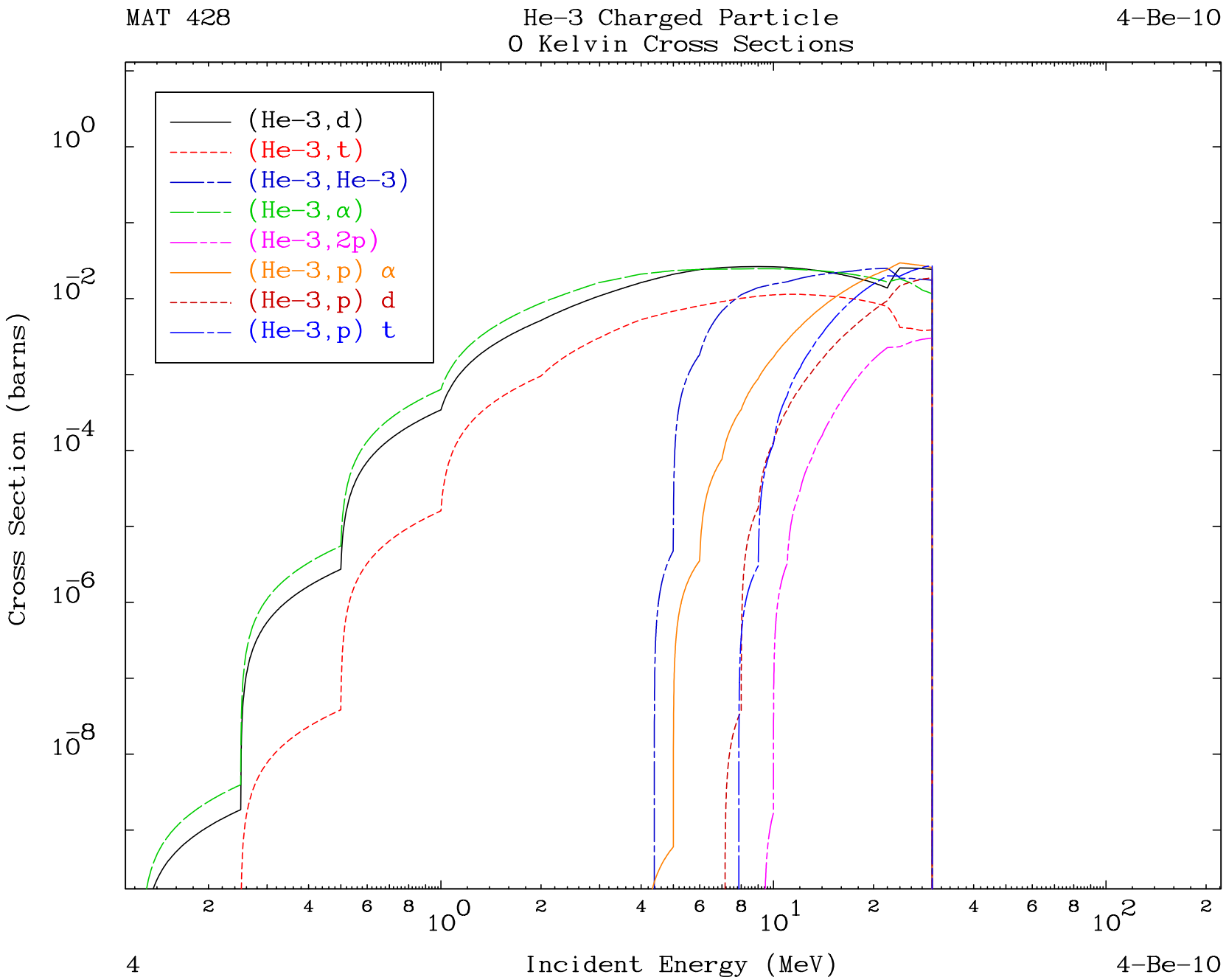
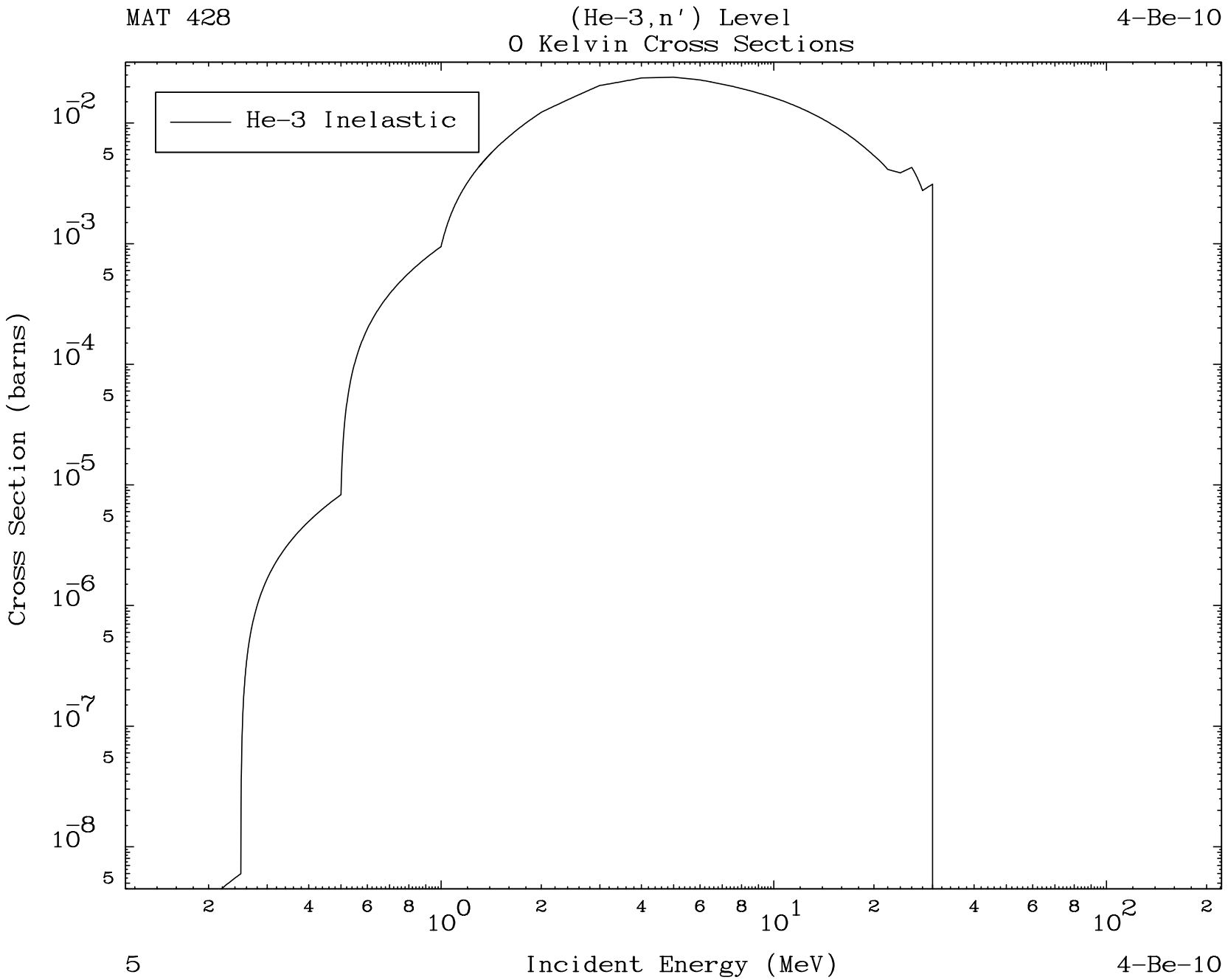
Press Mouse Button to Start

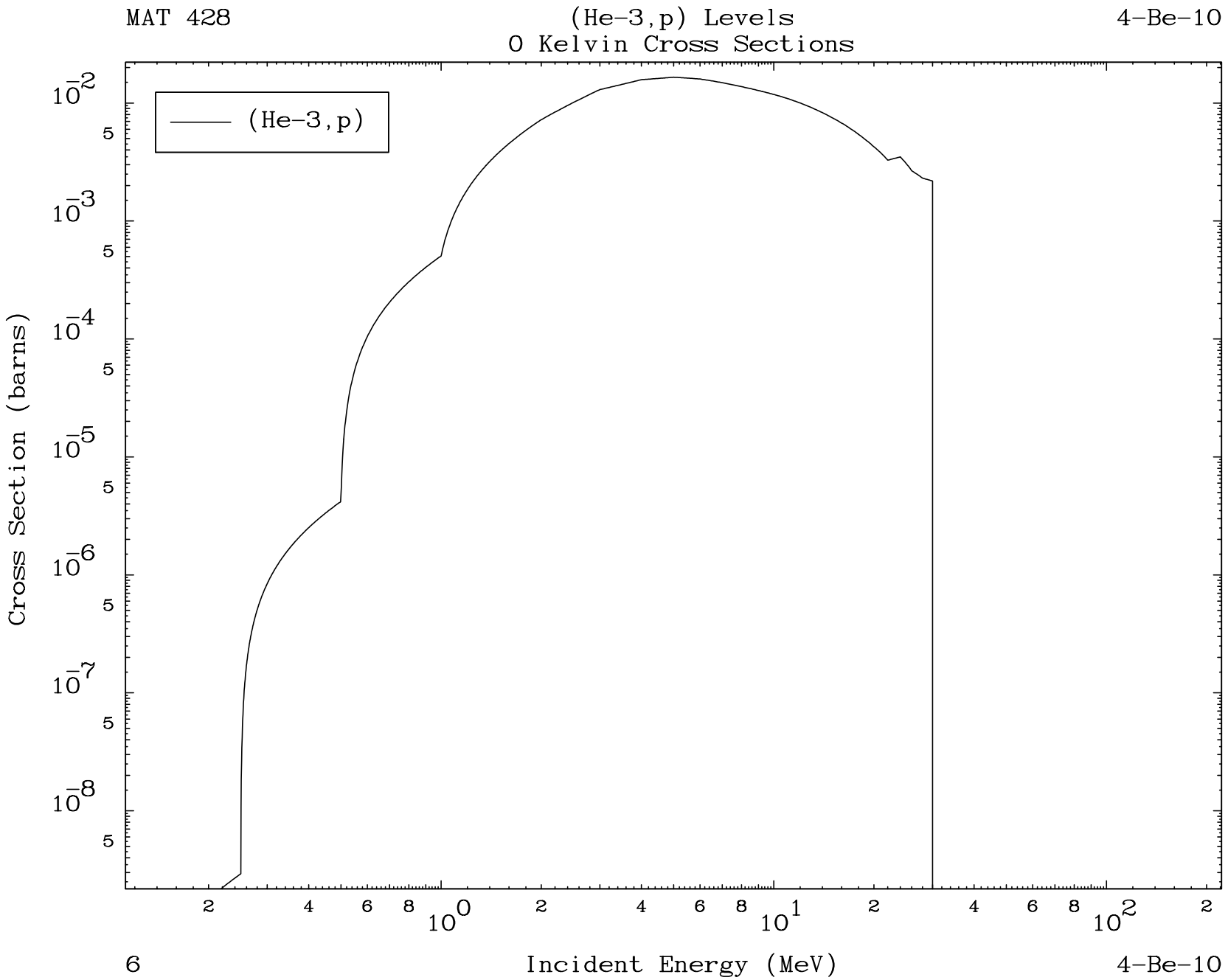

MAT 428
He-3 Major
4-Be-10
0 Kelvin Cross Sections
He-3 Elastic
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
4-Be-10

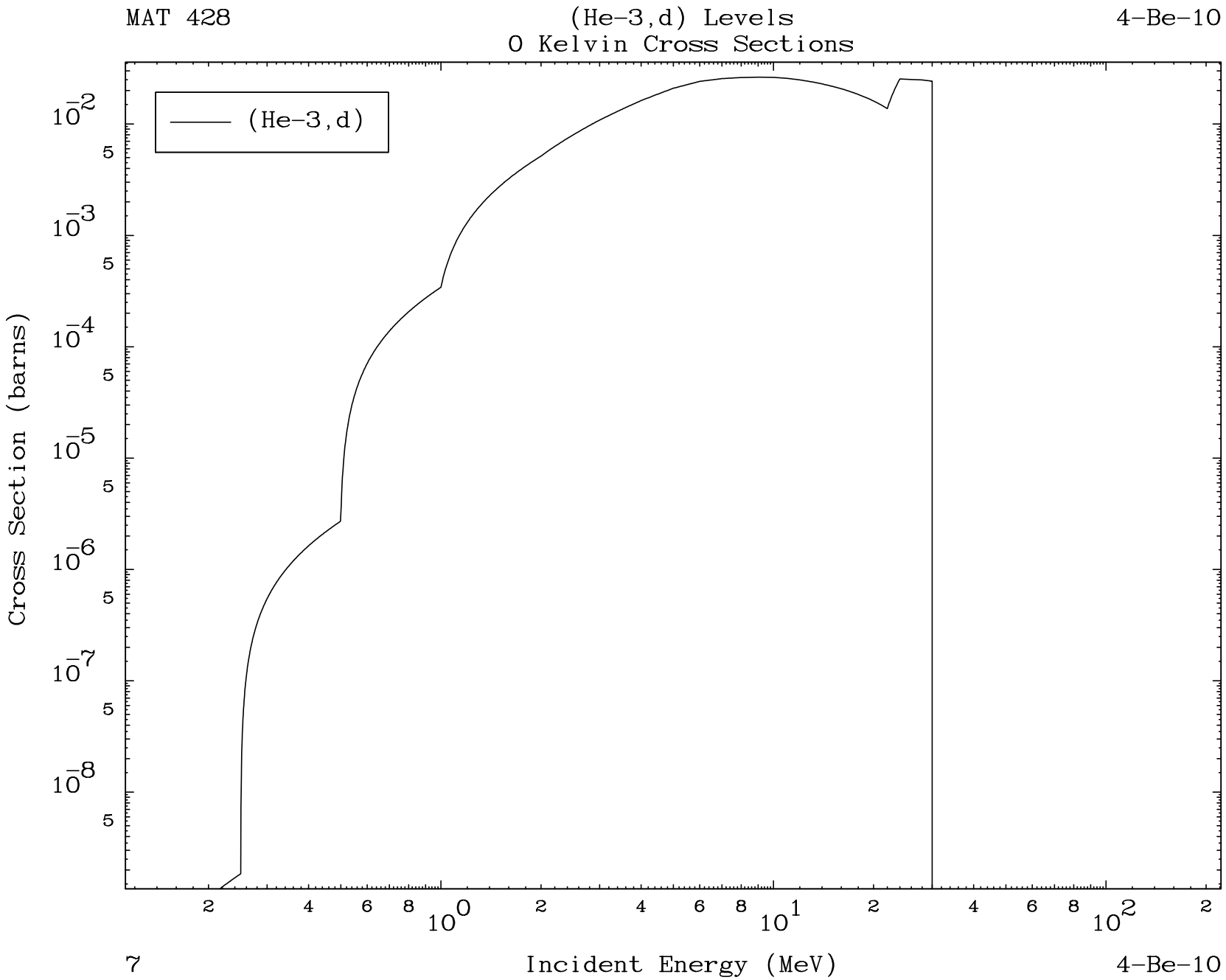

MAT 428
He-3 Neutron Production
0 Kelvin Cross Sections
4-Be-10
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
2
4-Be-10

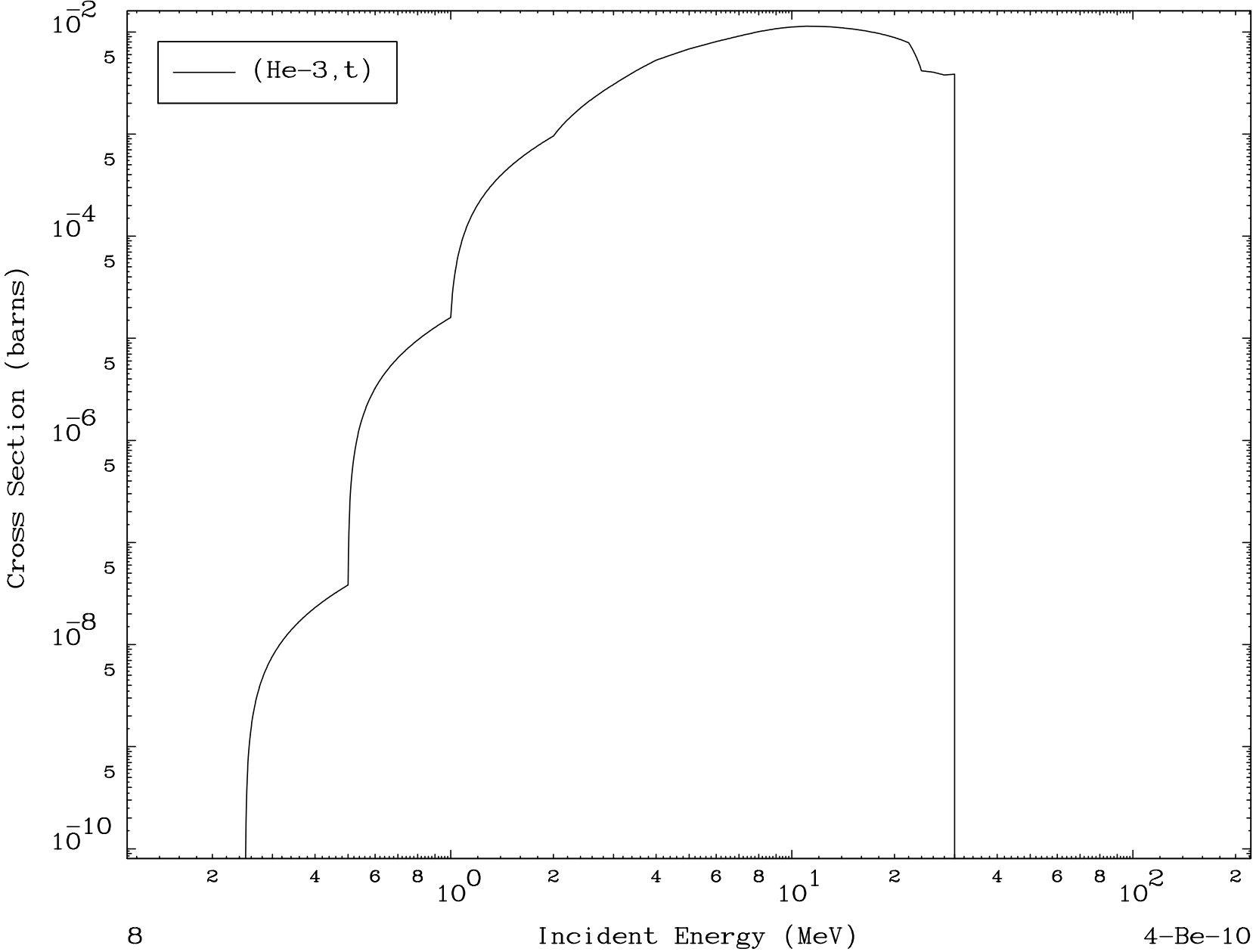

MAT 428
He-3 Charged Particle
0 Kelvin Cross Sections
4-Be-10
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
3
4-Be-10

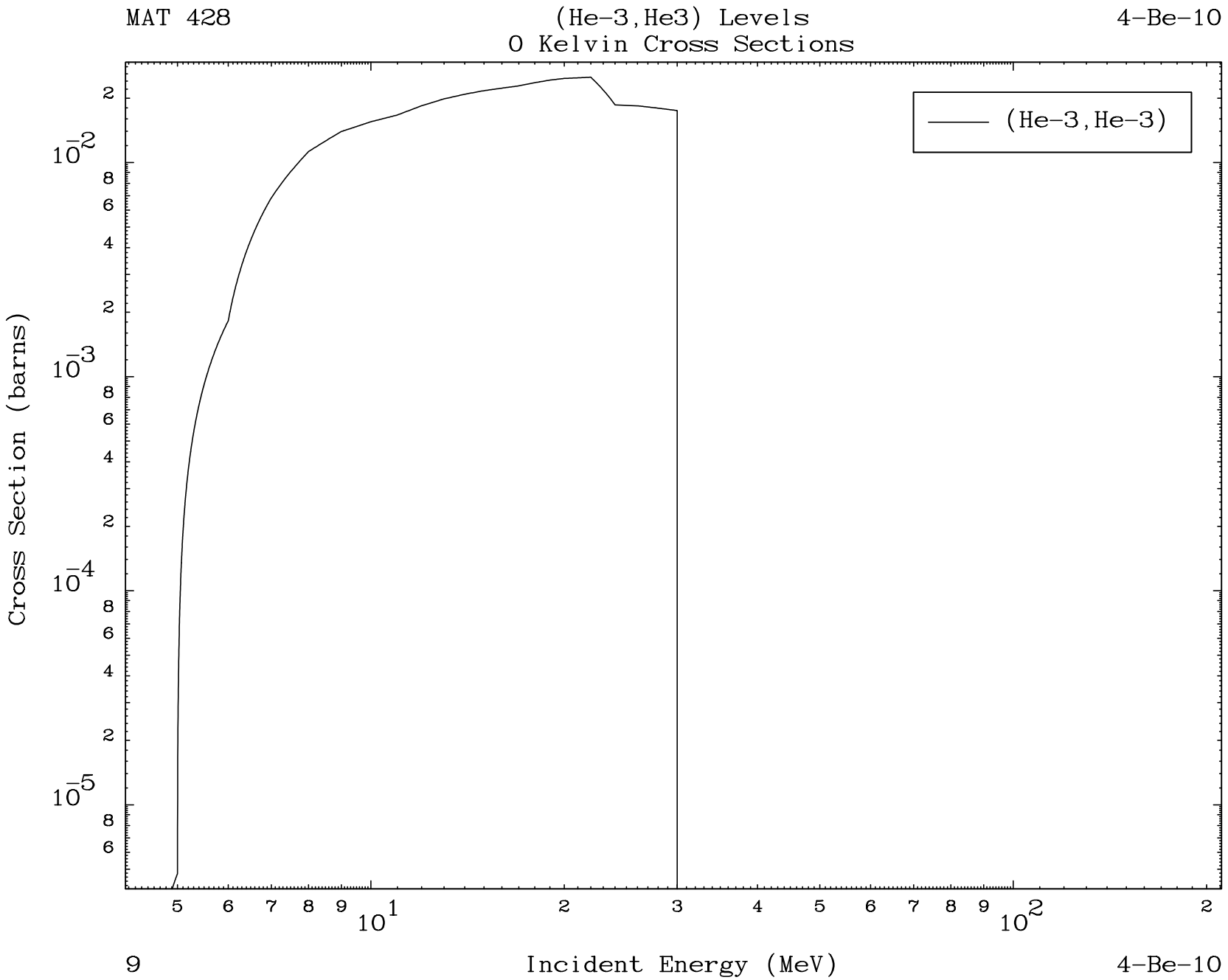

MAT 428
He-3 Charged Particle
0 Kelvin Cross Sections
4-Be-10
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
2 4 6 8 10^0 2 4 6 8 10^1 2 4 6 8 10^2 2
Incident Energy (MeV)
4
4-Be-10

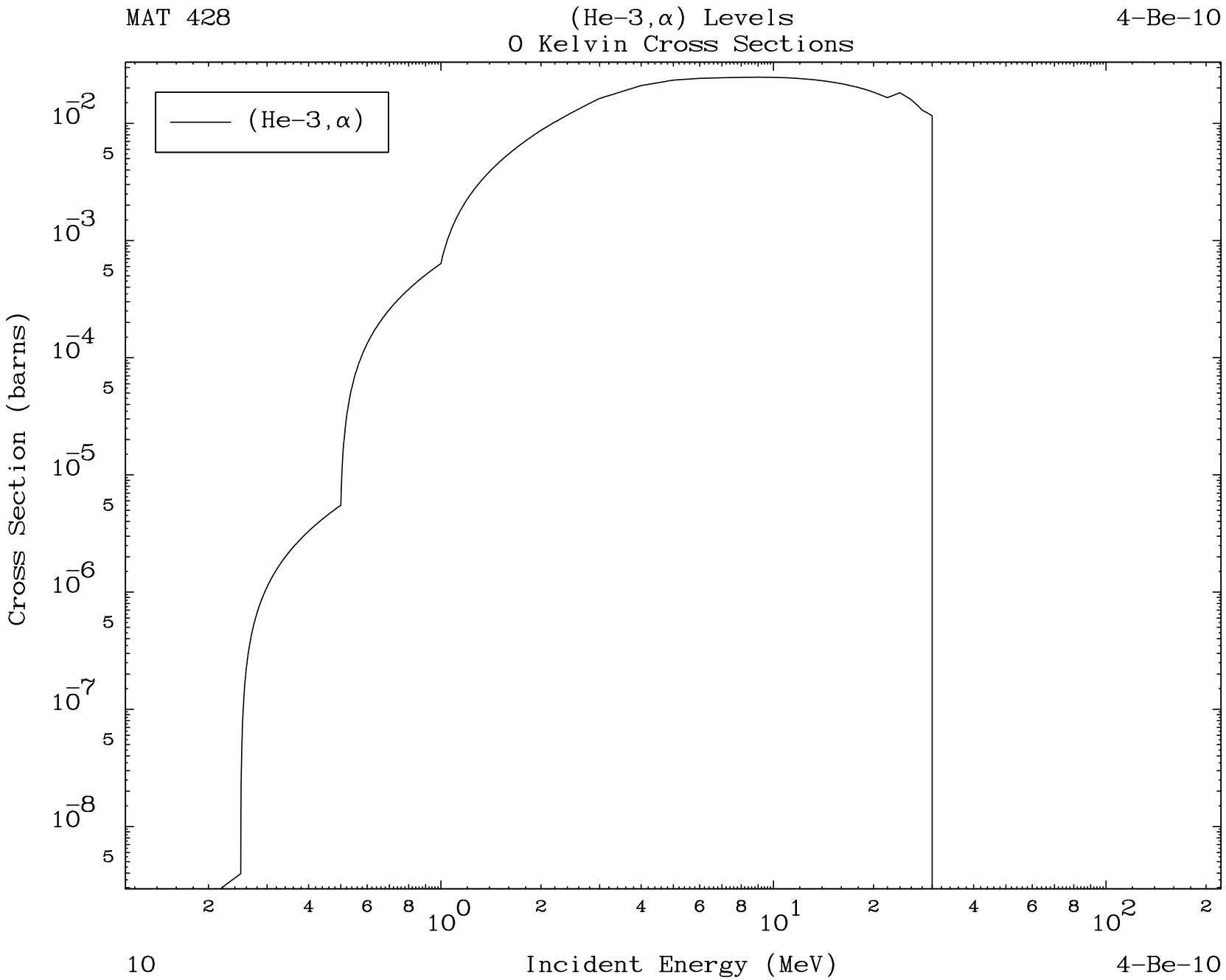

MAT 428
(He-3,n') Level
4-Be-10
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
5
4-Be-10


MAT 428
(He-3,p) Levels
4-Be-10
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
6
4-Be-10


MAT 428
(He-3,d) Levels
4-Be-10
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
7
4-Be-10


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


MAT 428
(He-3,He3) Levels
4-Be-10
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
4-Be-10


MAT 428
(He-3,α) Levels
4-Be-10
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
10
4-Be-10