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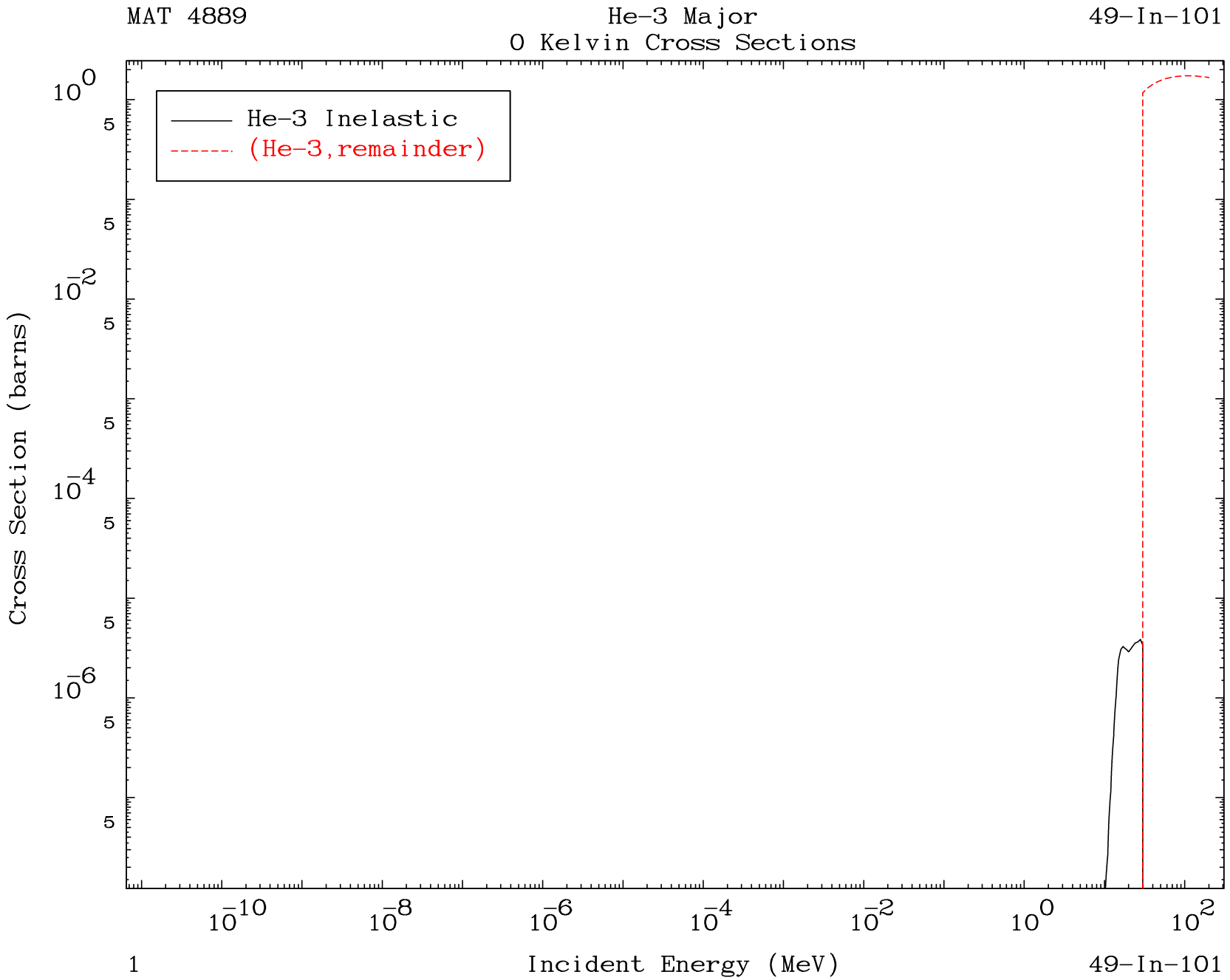
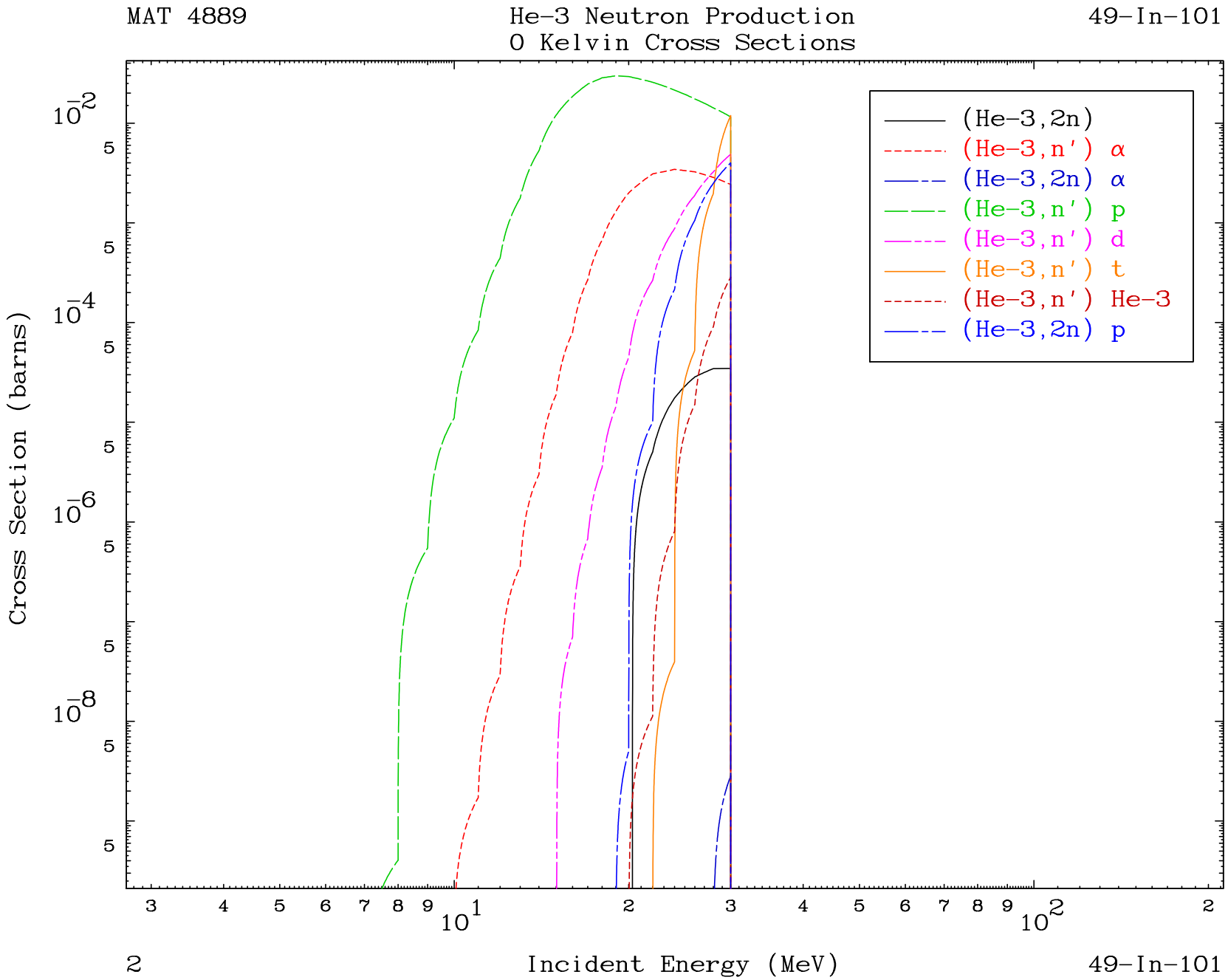
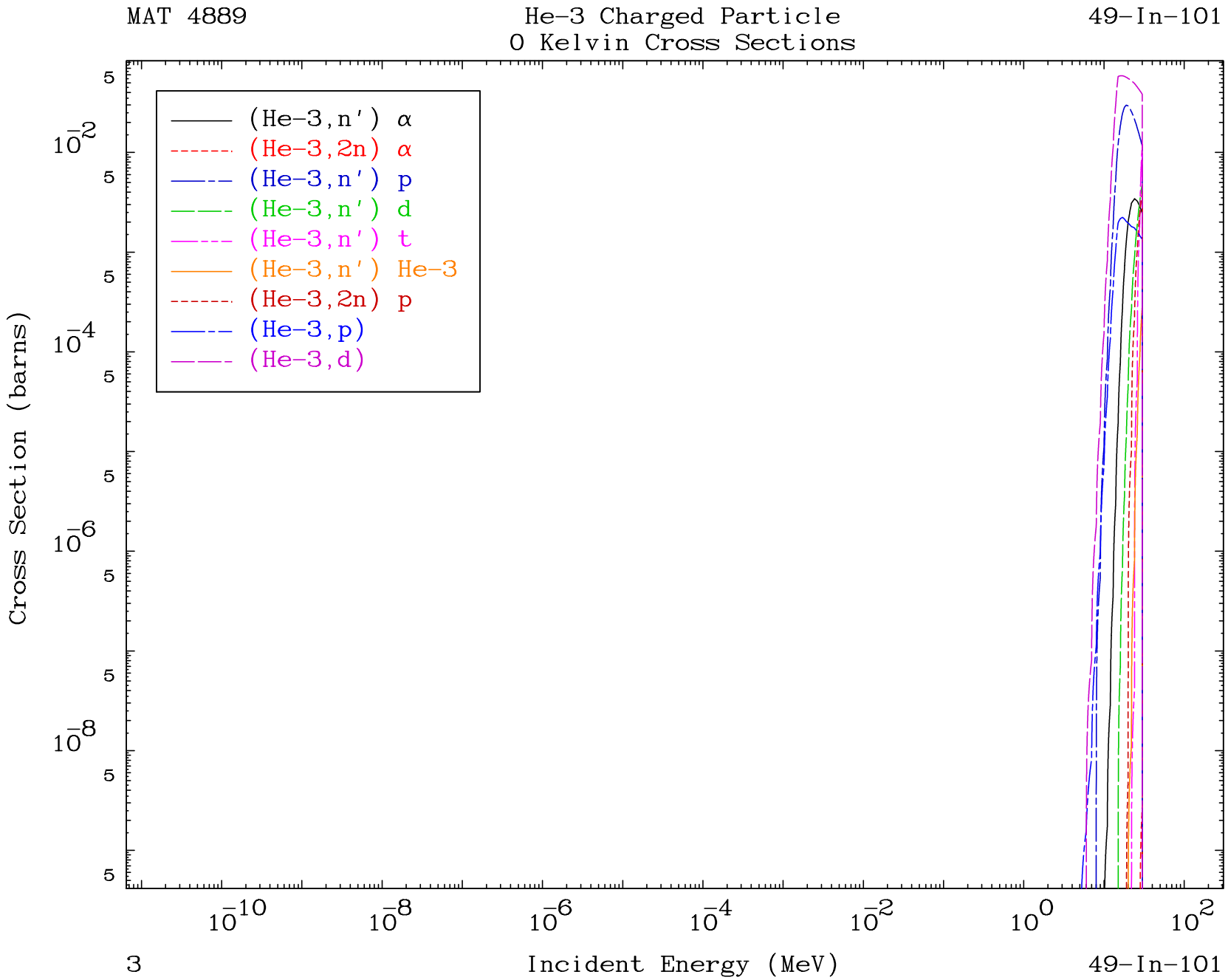
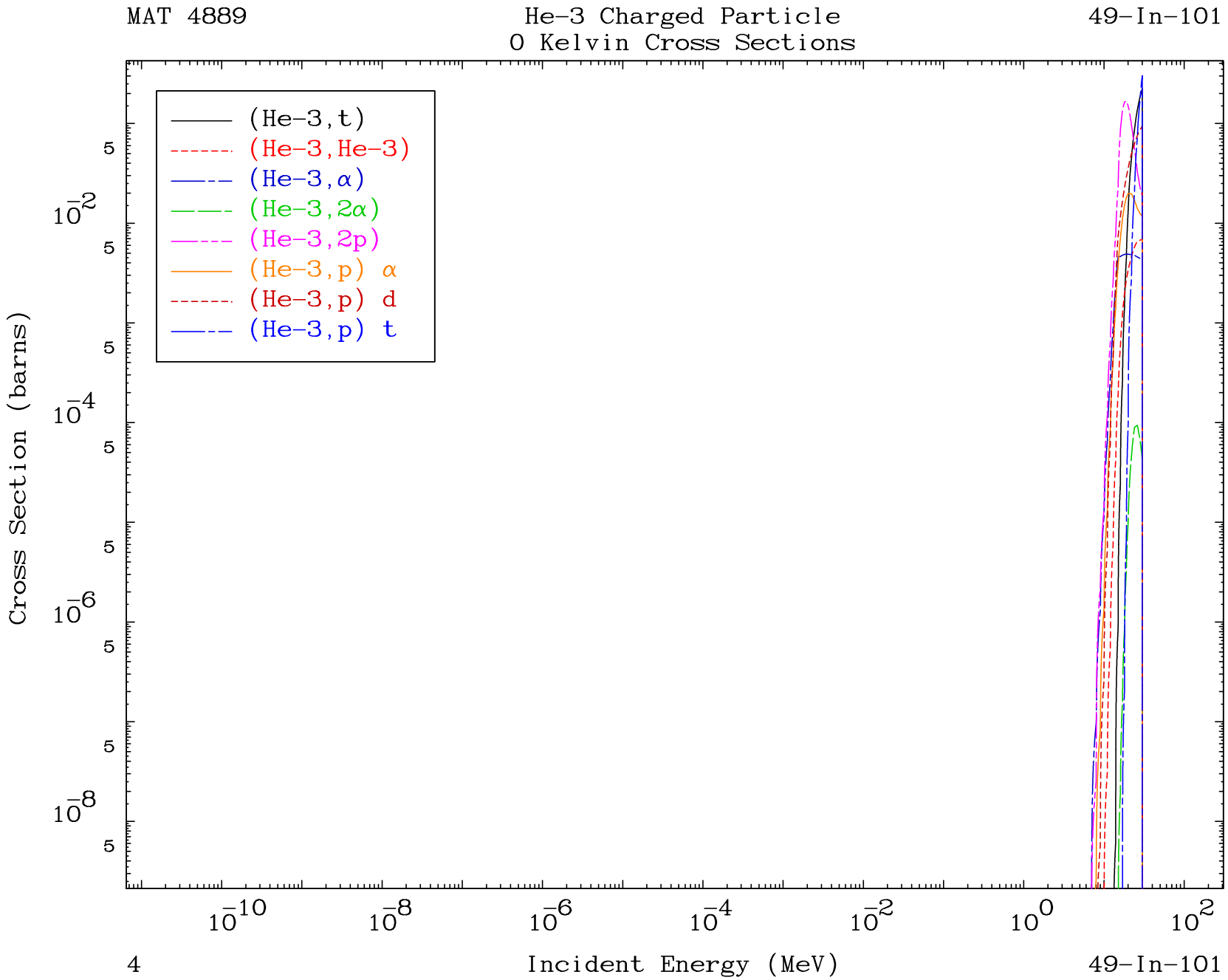
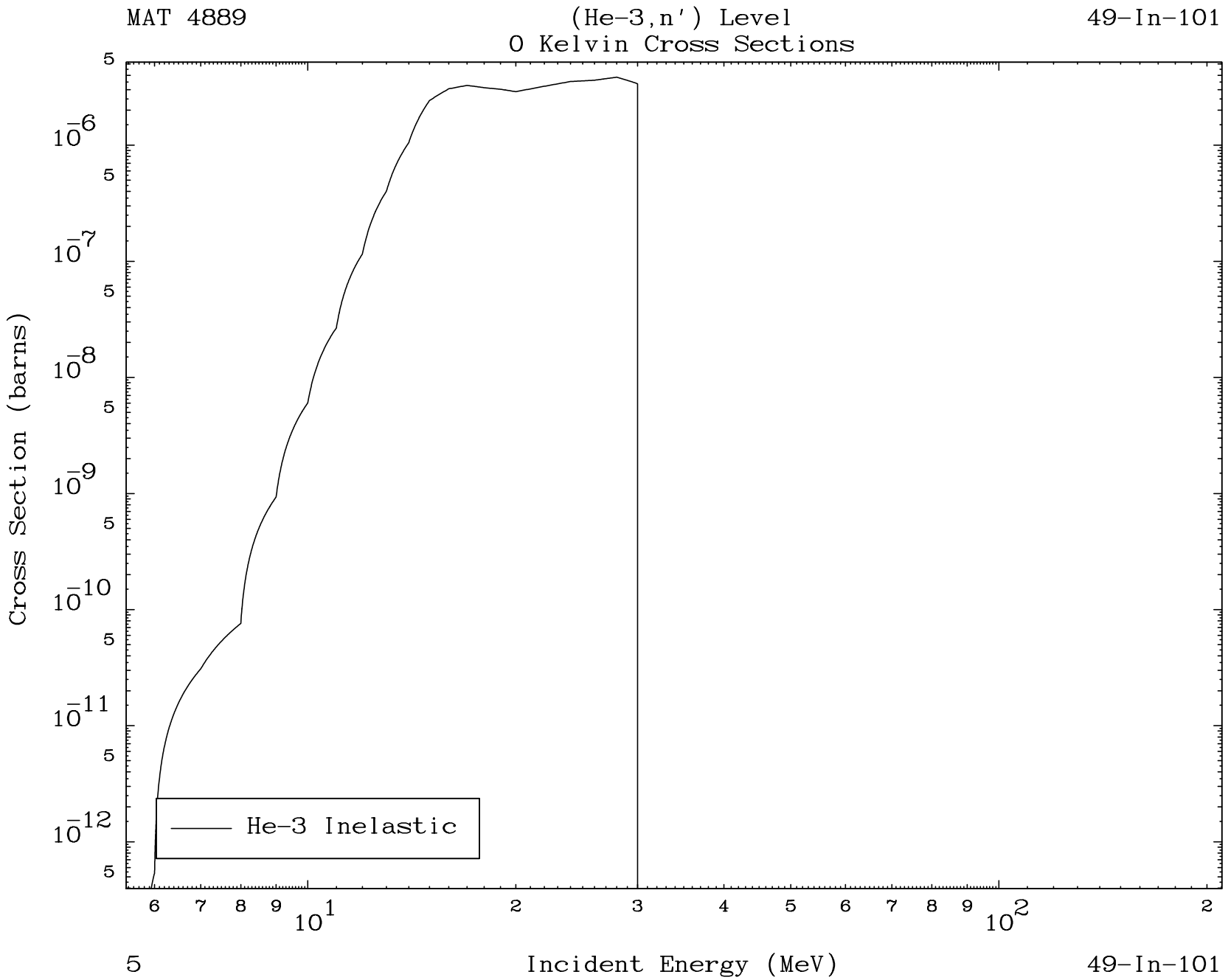
Press Mouse Button to Start

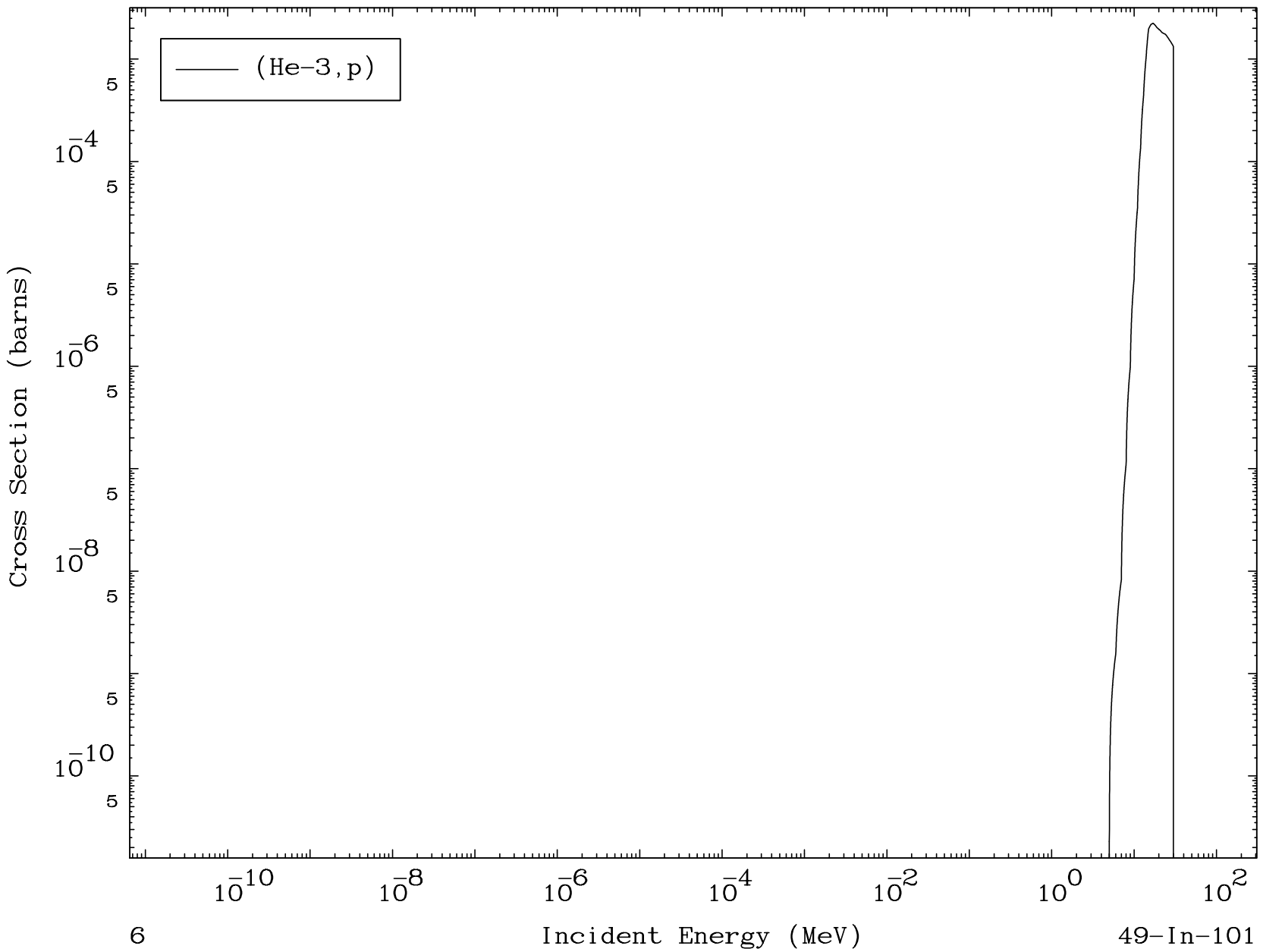

MAT 4889
He-3 Major
49-In-101
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
1
49-In-101

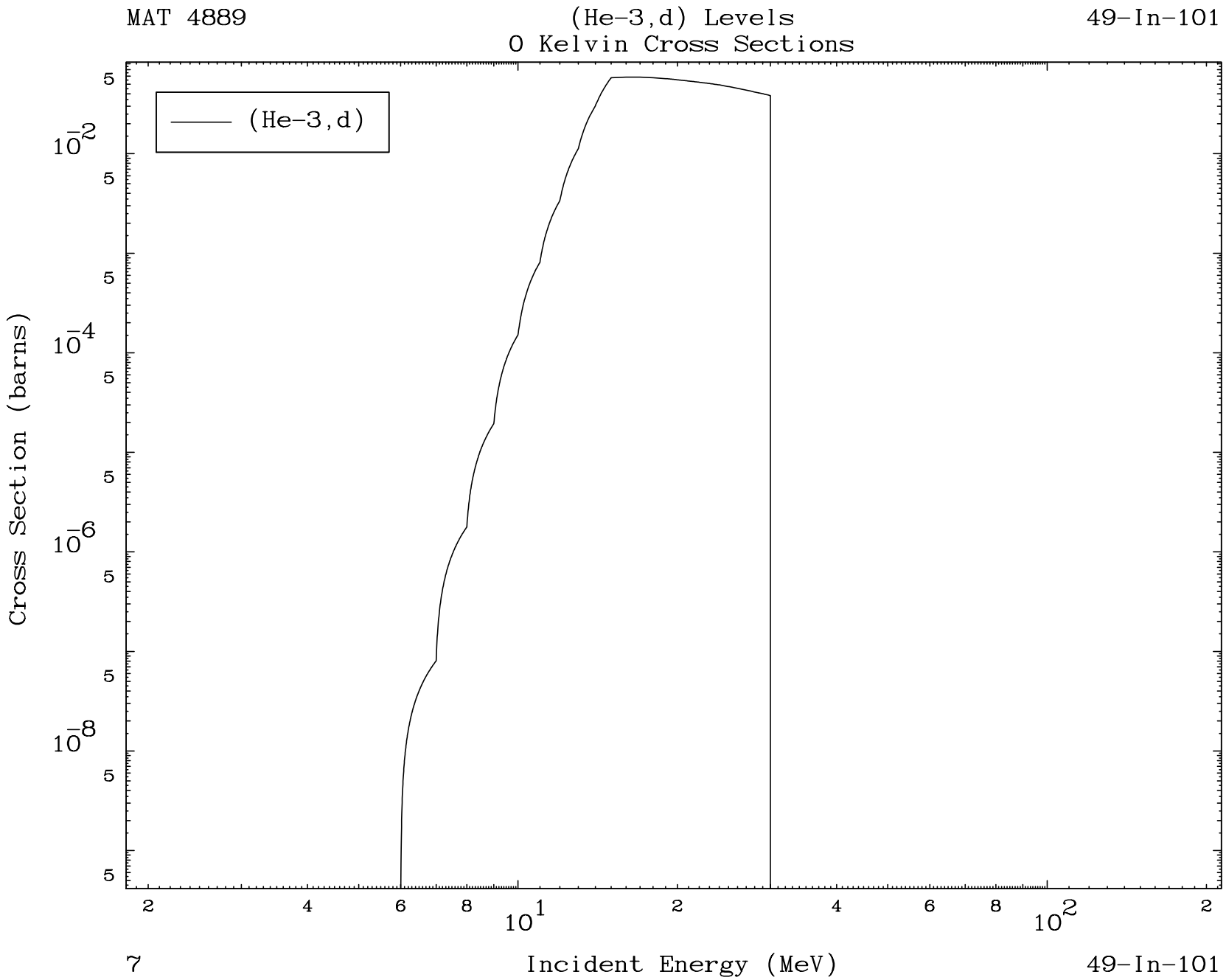

MAT 4889
He-3 Neutron Production
0 Kelvin Cross Sections
49-In-101
Cross Section (barns)
Incident Energy (MeV)
(He-3,2n)
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p

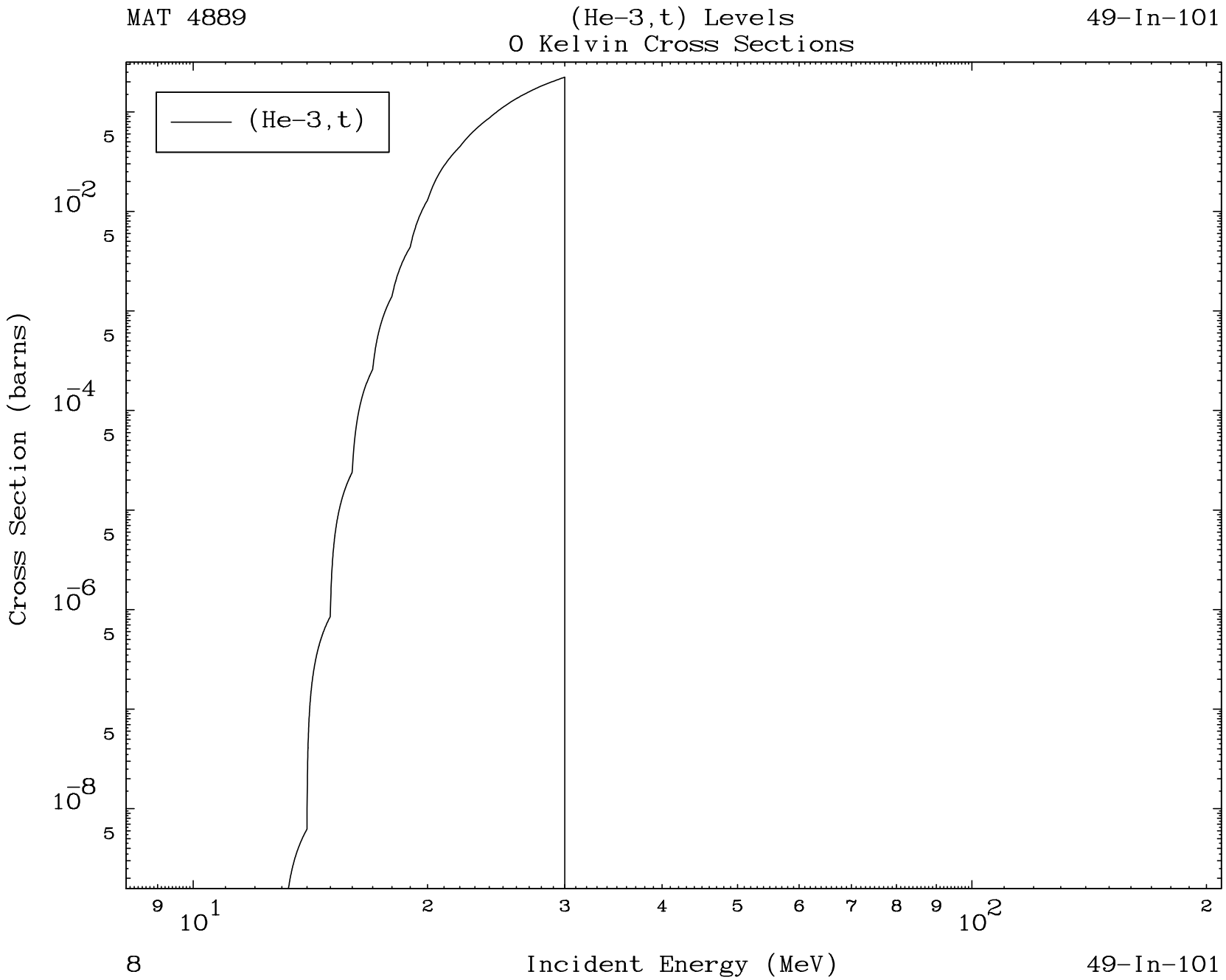

MAT 4889
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-101
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,p)
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
3
49-In-101

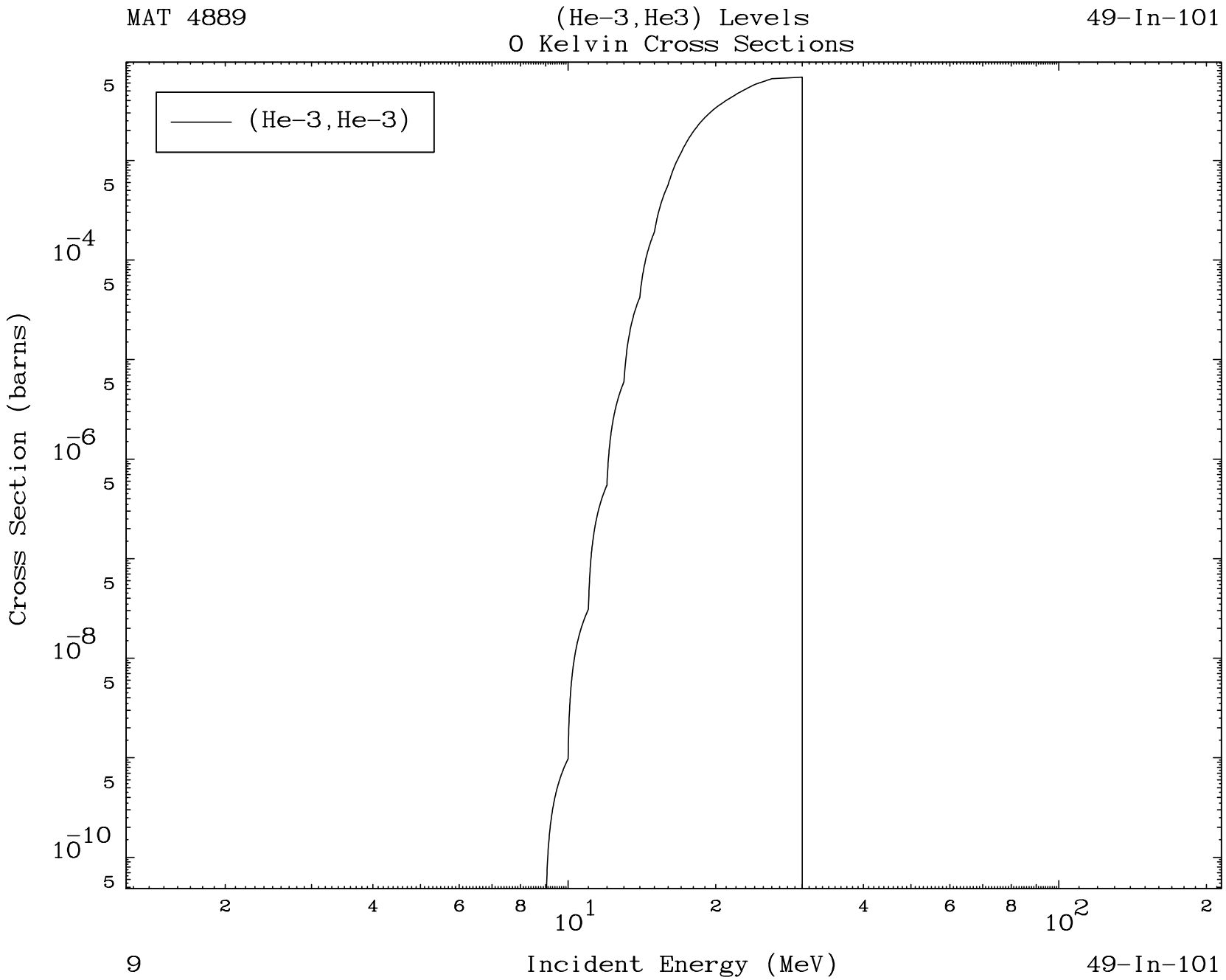

MAT 4889
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-101
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
4
49-In-101

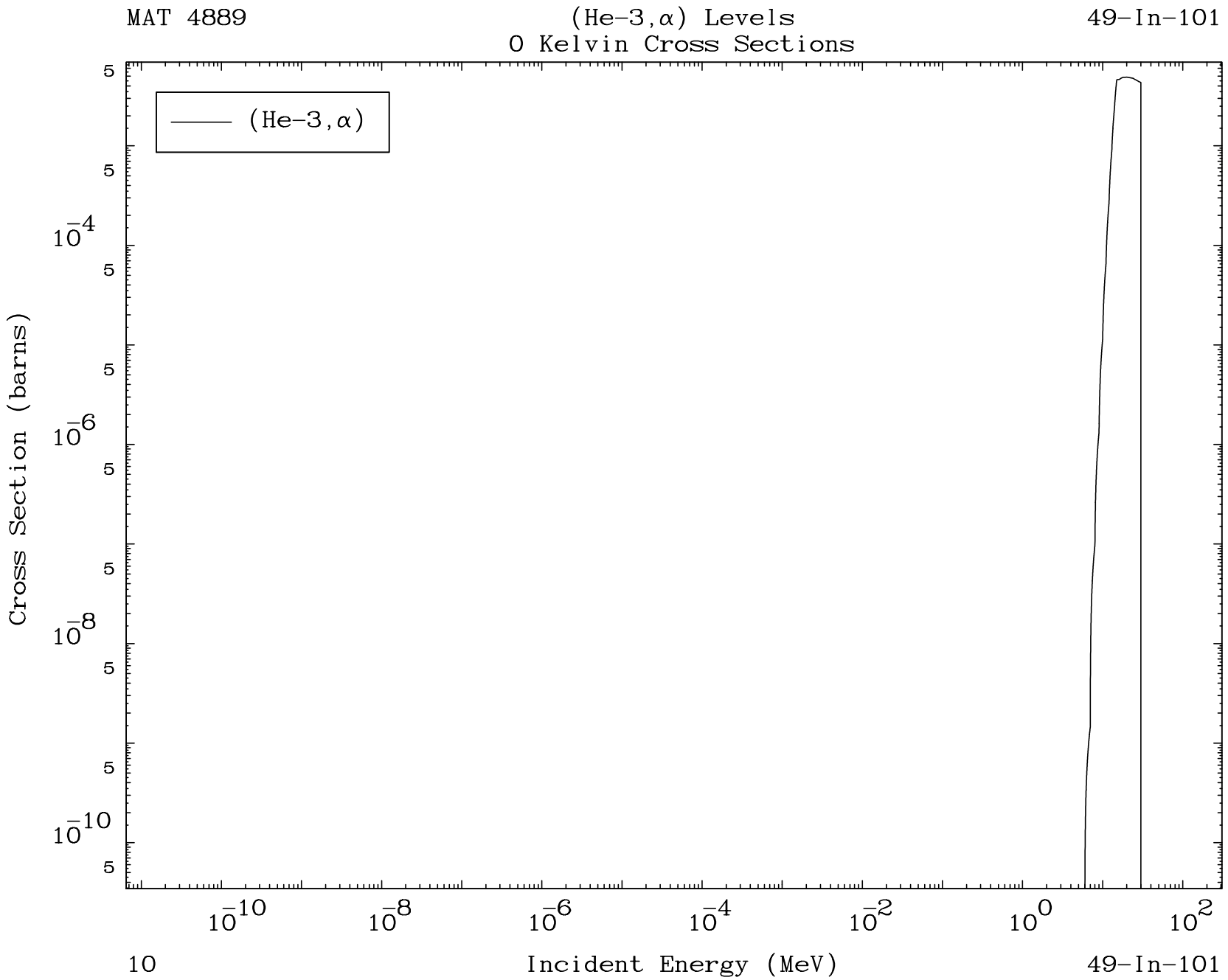

MAT 4889
(He-3,n') Level
49-In-101
0 Kelvin Cross Sections
Cross Section (barns)
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
10^-12
He-3 Inelastic
10^1
10^2
Incident Energy (MeV)
49-In-101

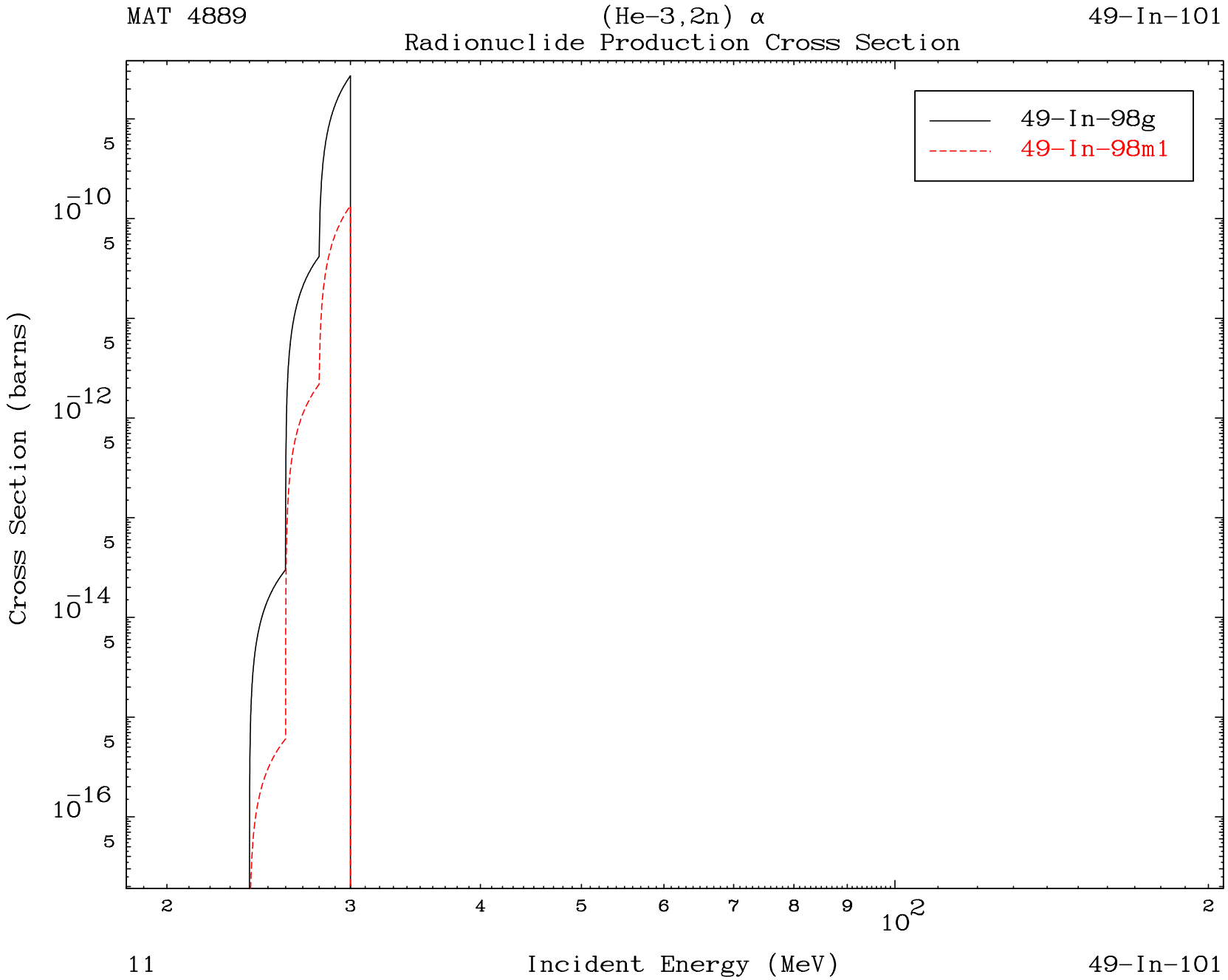

0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
5 10^-4 5 10^-6 5 10^-8 5 10^-10 5
10^-10 10^-8 10^-6 10^-4 10^-2 10^0 10^2
Incident Energy (MeV)

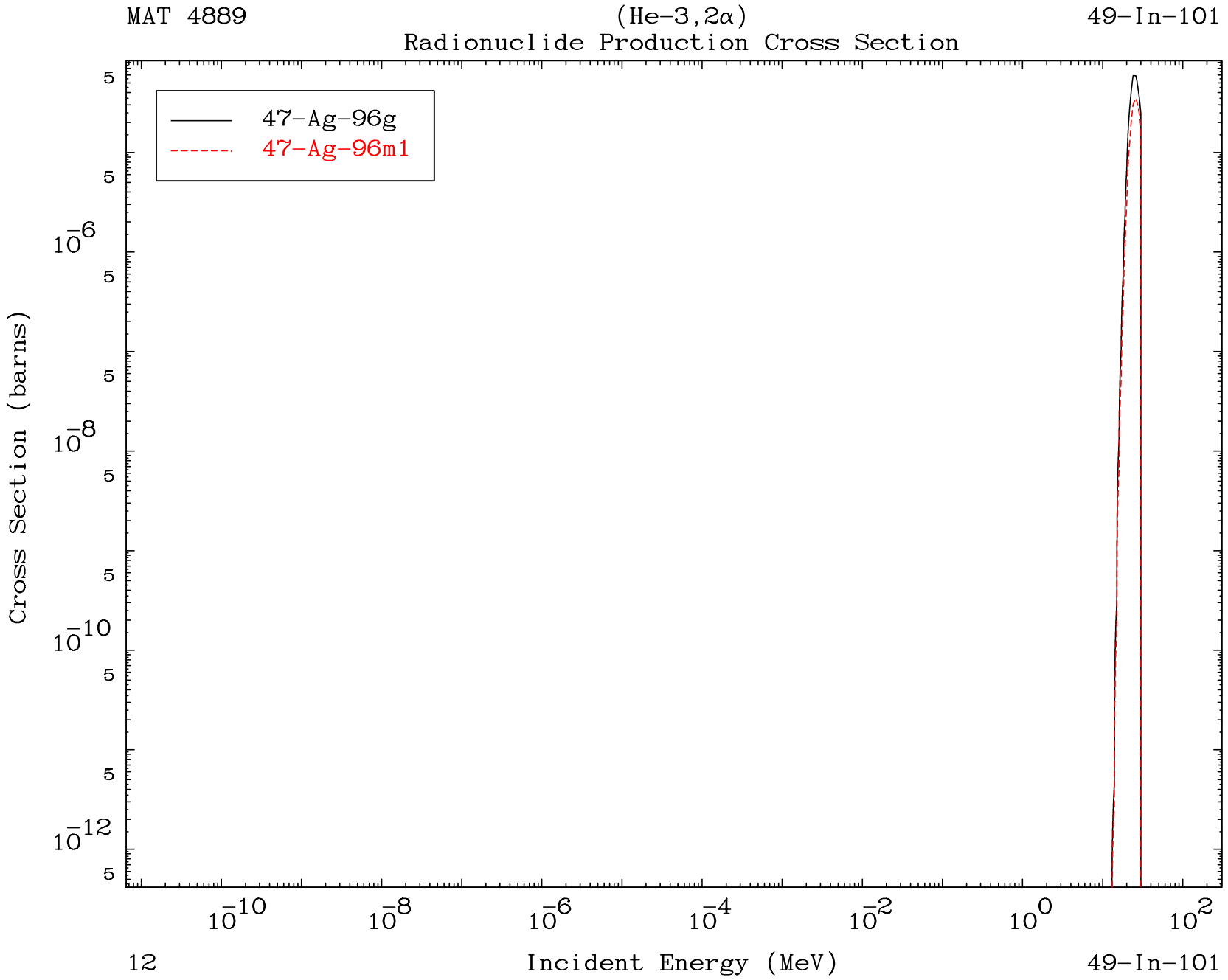

MAT 4889
(He-3,d) Levels
49-In-101
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
7
49-In-101


MAT 4889
(He-3,t) Levels
49-In-101
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
49-In-101


MAT 4889
(He-3,He3) Levels
49-In-101
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
9
49-In-101


MAT 4889
(He-3,α) Levels
49-In-101
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
10
49-In-101


MAT 4889
(He-3,2n) α
49-In-101
Radionuclide Production Cross Section
49-In-98g
49-In-98m1
Cross Section (barns)
Incident Energy (MeV)
11
49-In-101


MAT 4889
(He-3,2α)
49-In-101
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
Incident Energy (MeV)
12
49-In-101