Program EVALPLOT
(Version 2021-1)
by
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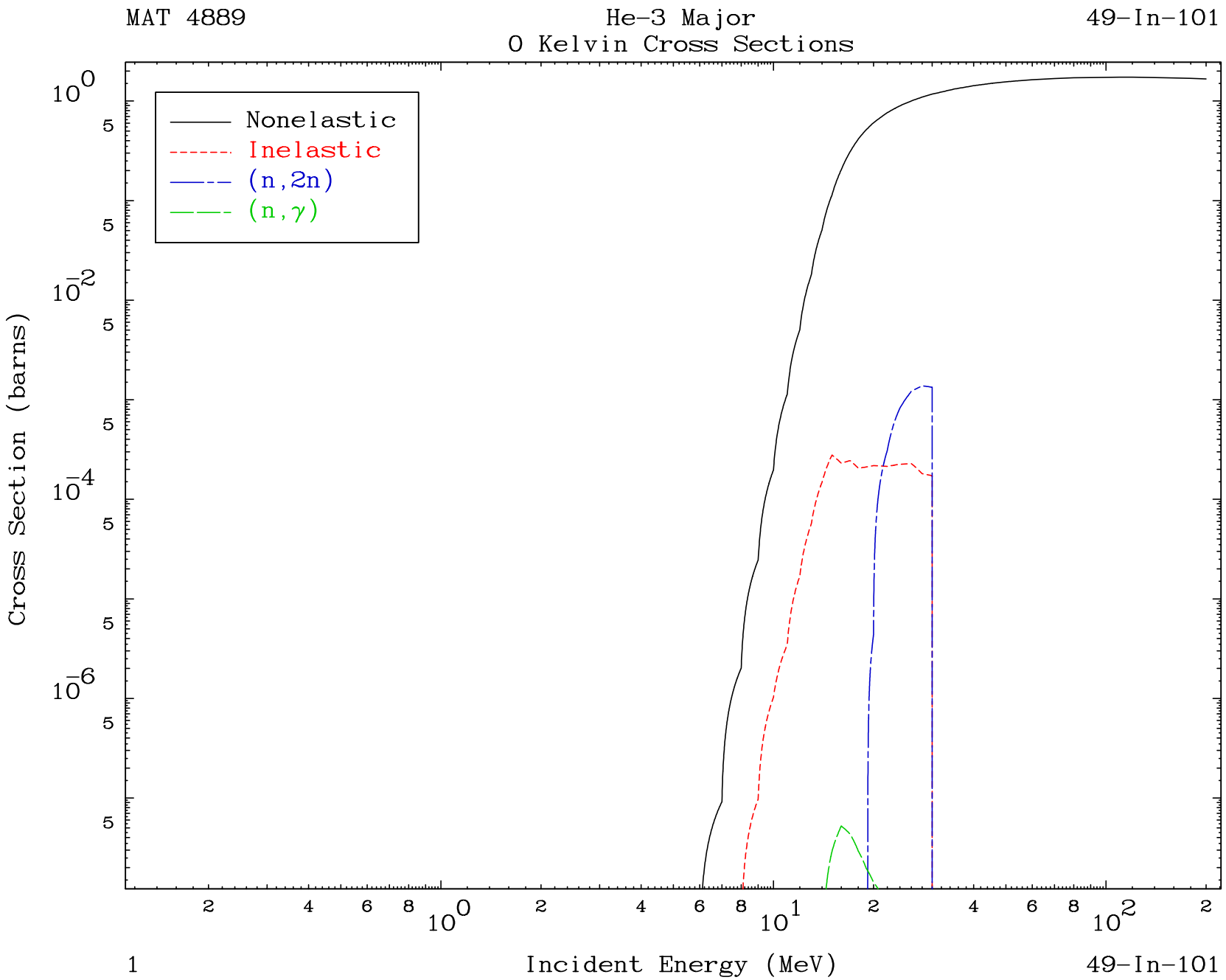
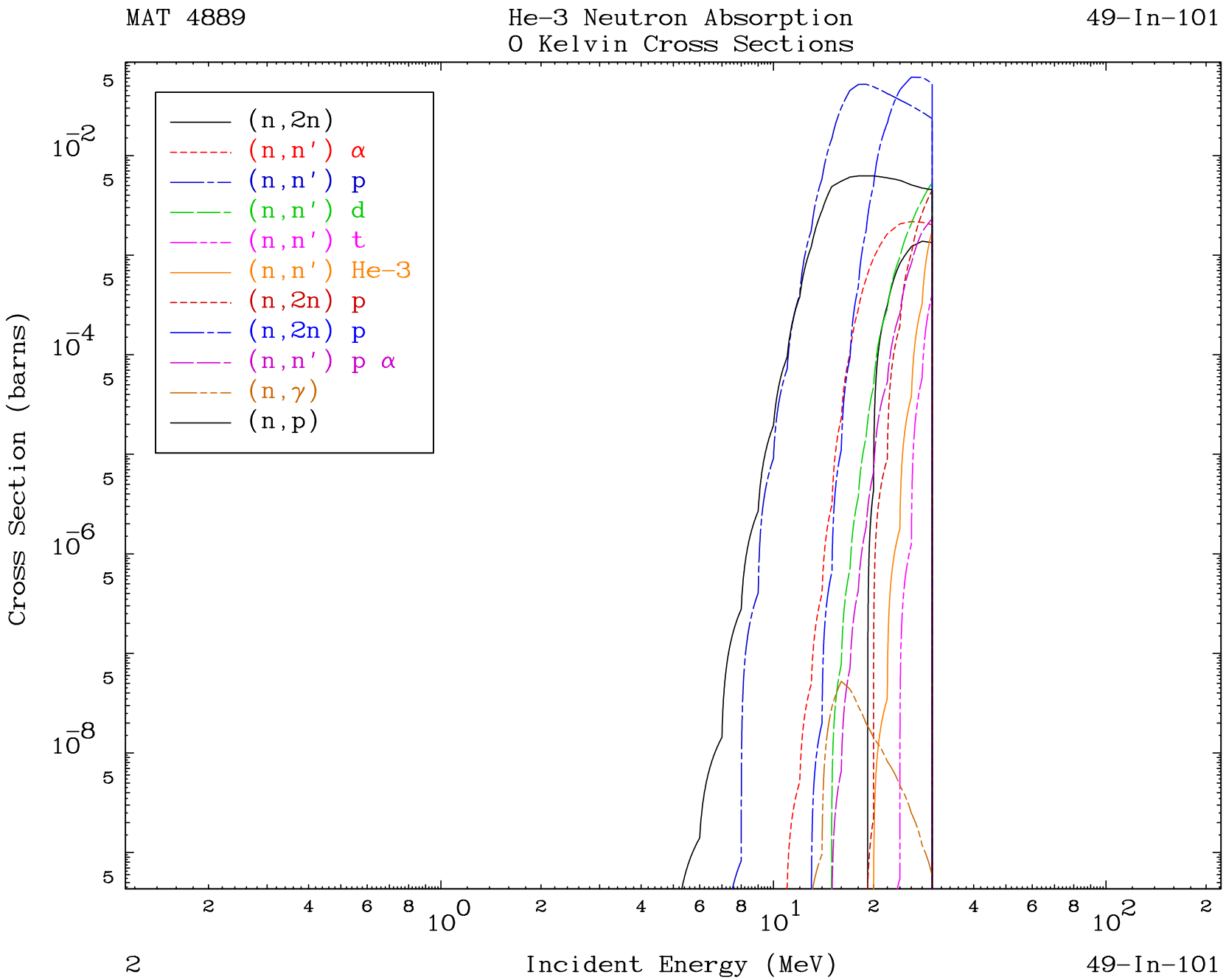
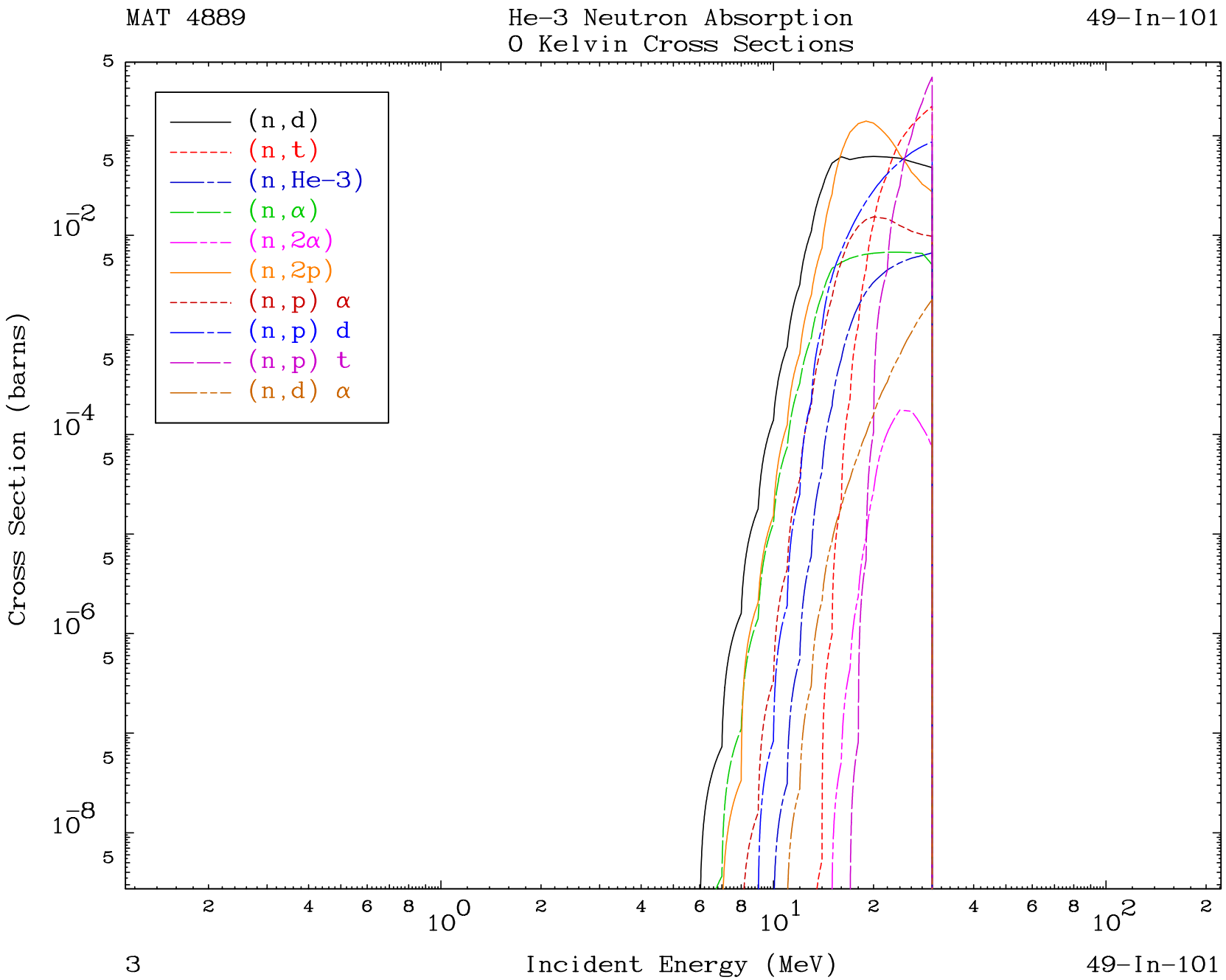
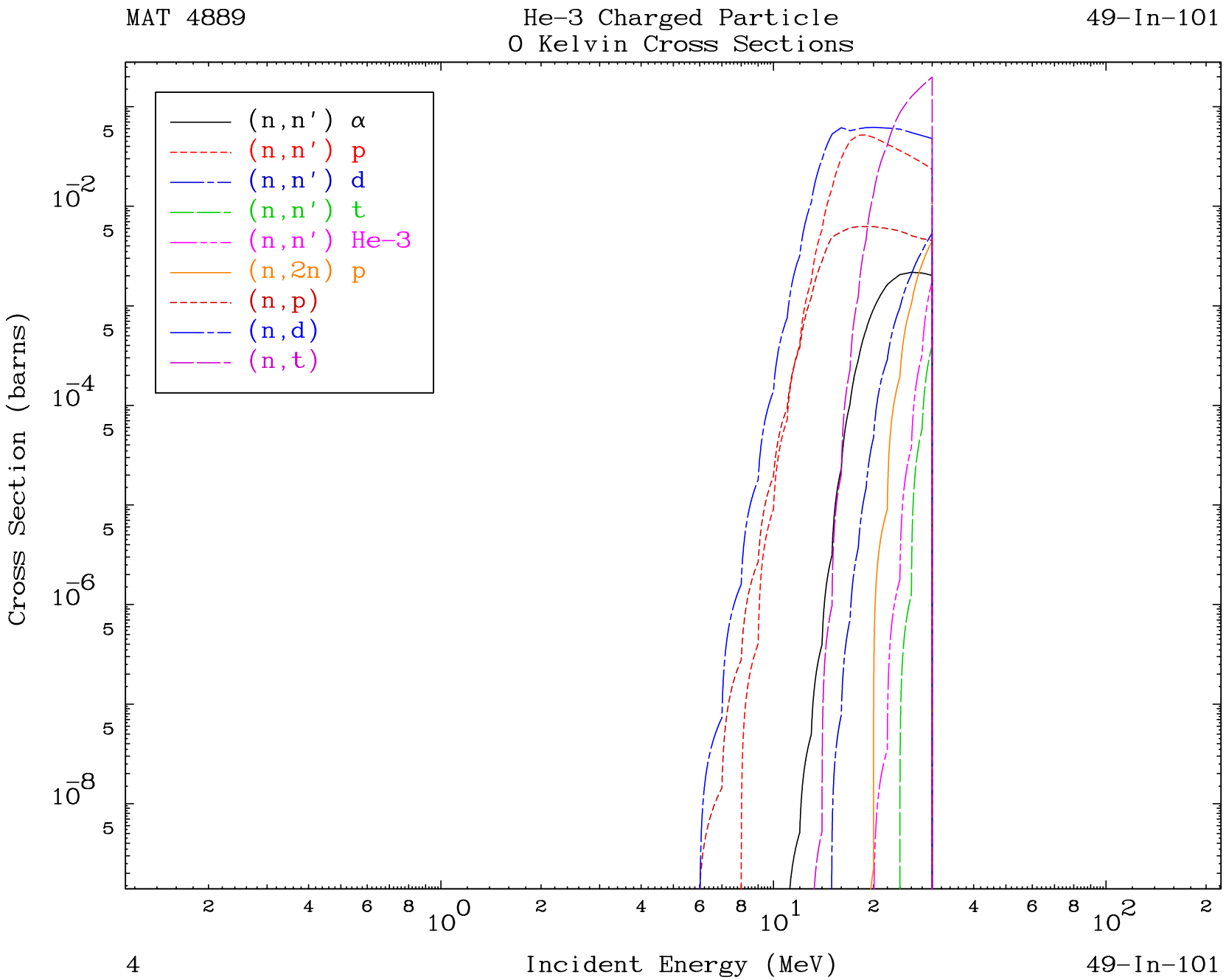
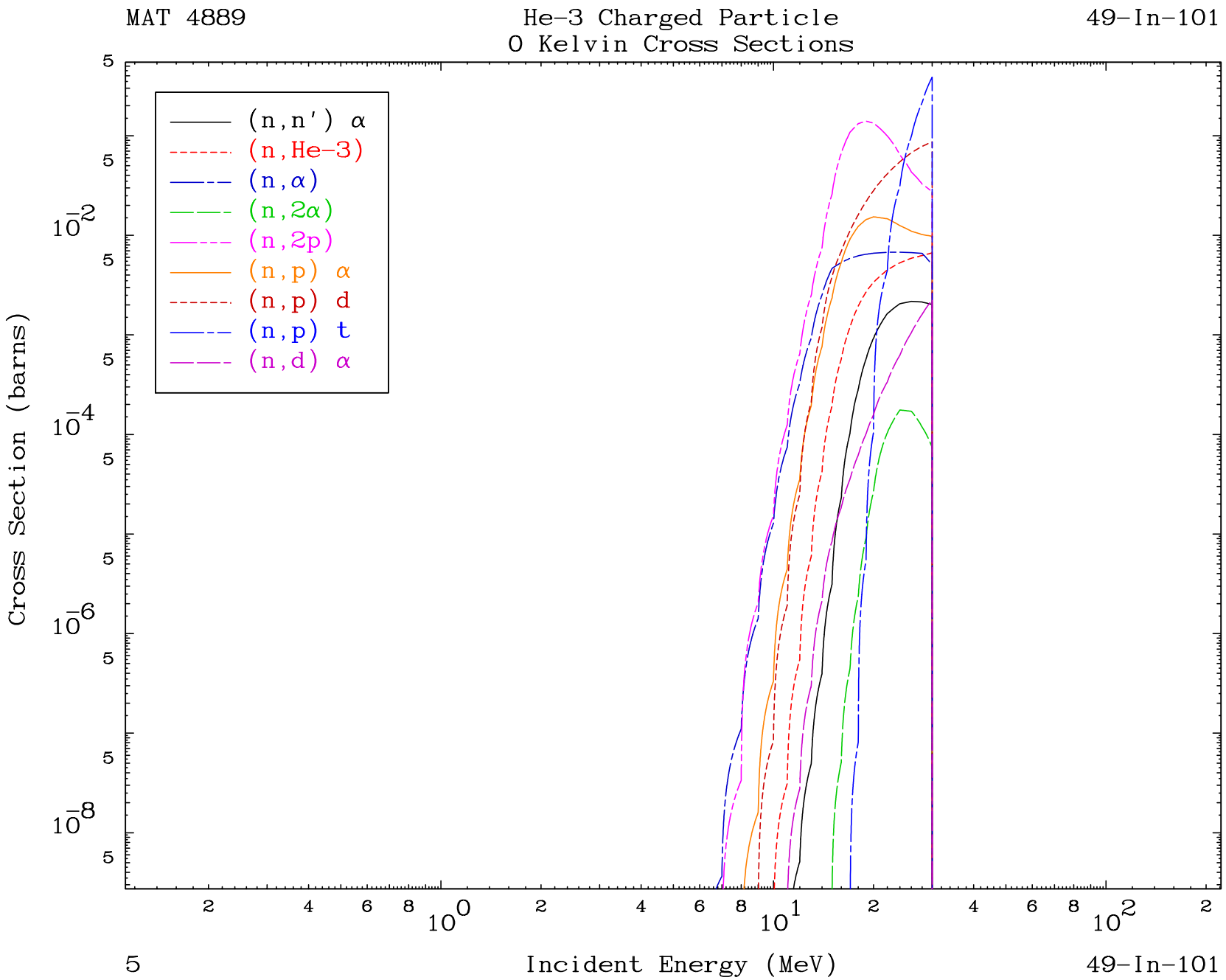
Press Mouse Button to Start

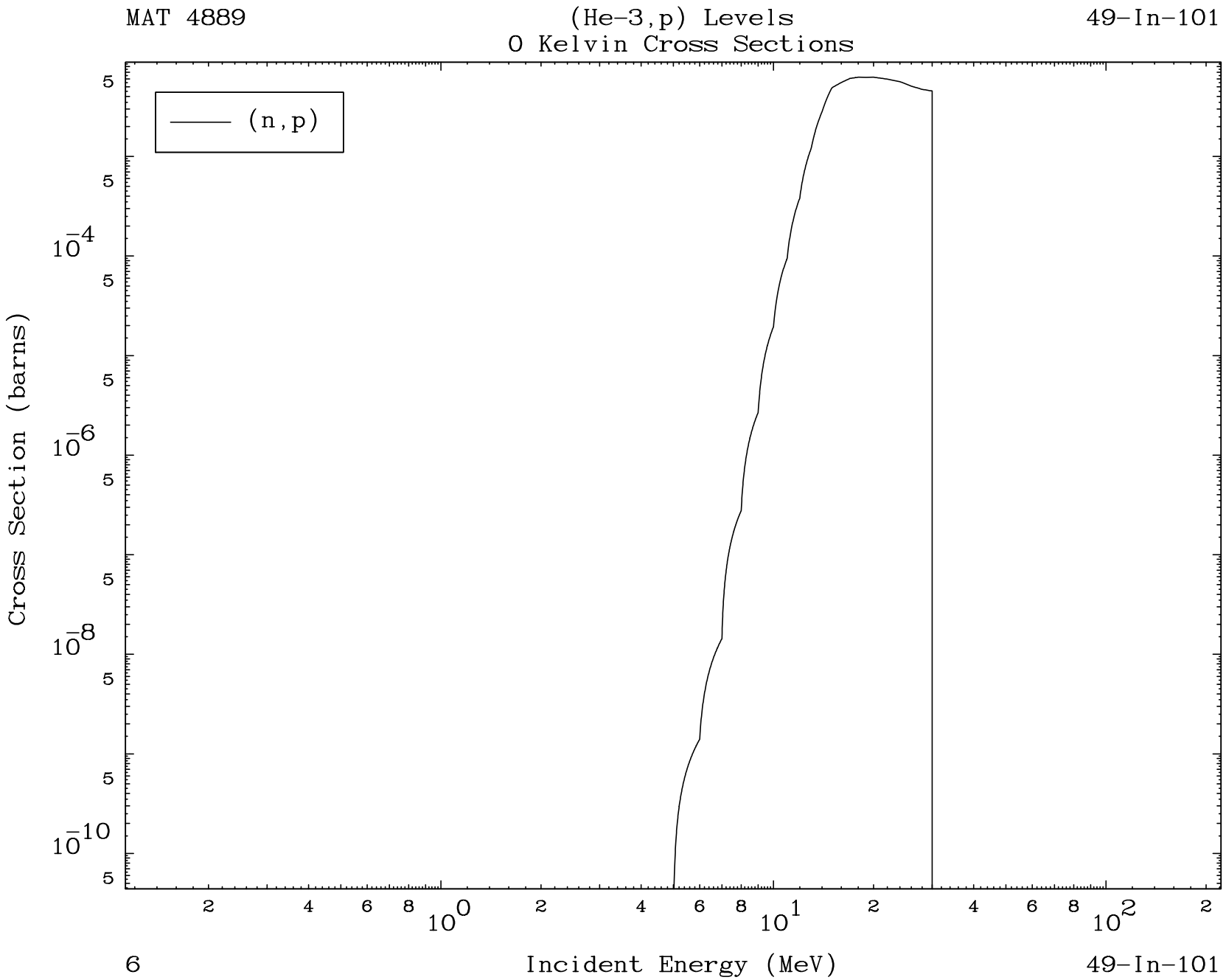

MAT 4889
He-3 Major
49-In-101
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
49-In-101
1

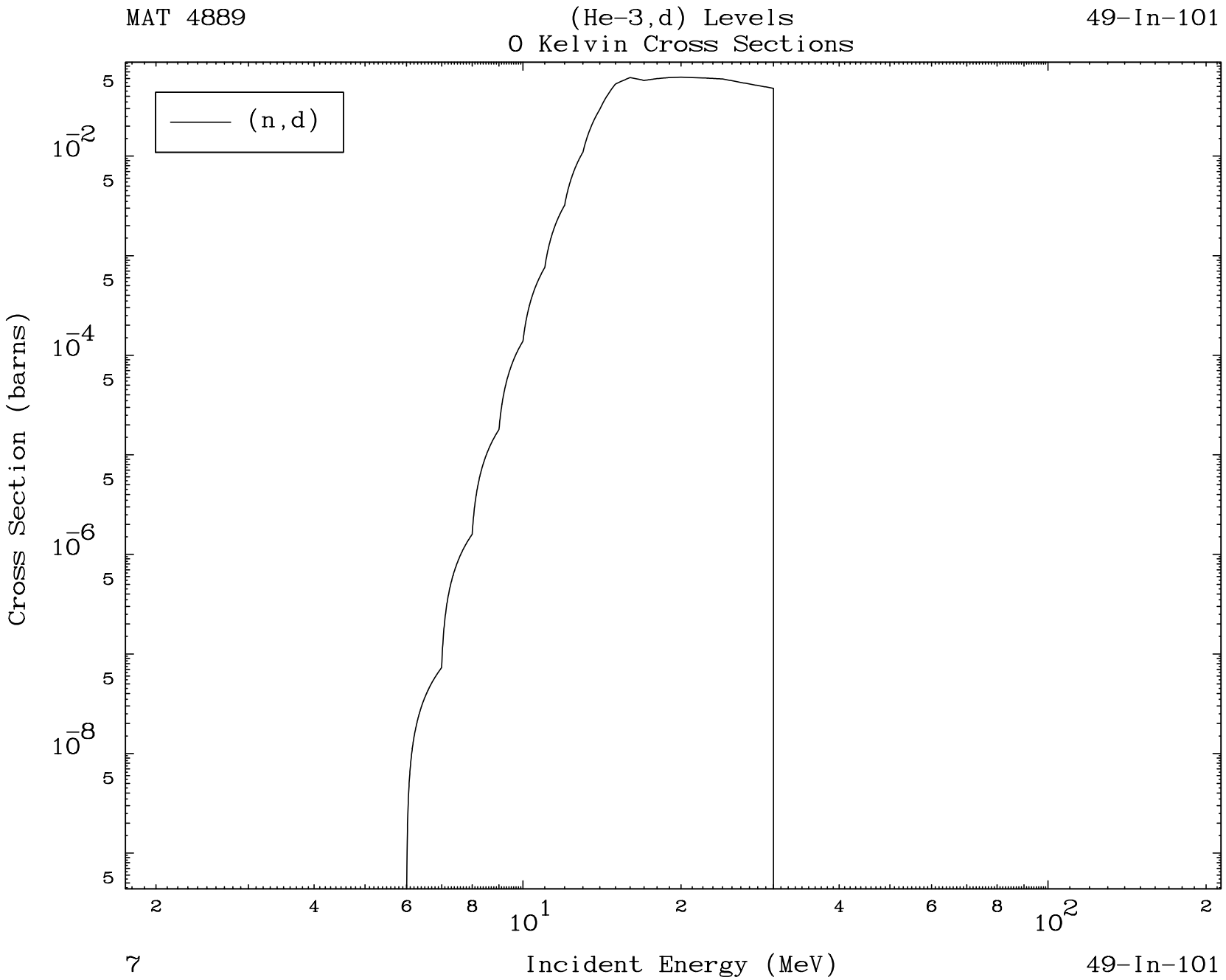

MAT 4889
He-3 Neutron Absorption
0 Kelvin Cross Sections
49-In-101
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
2
49-In-101

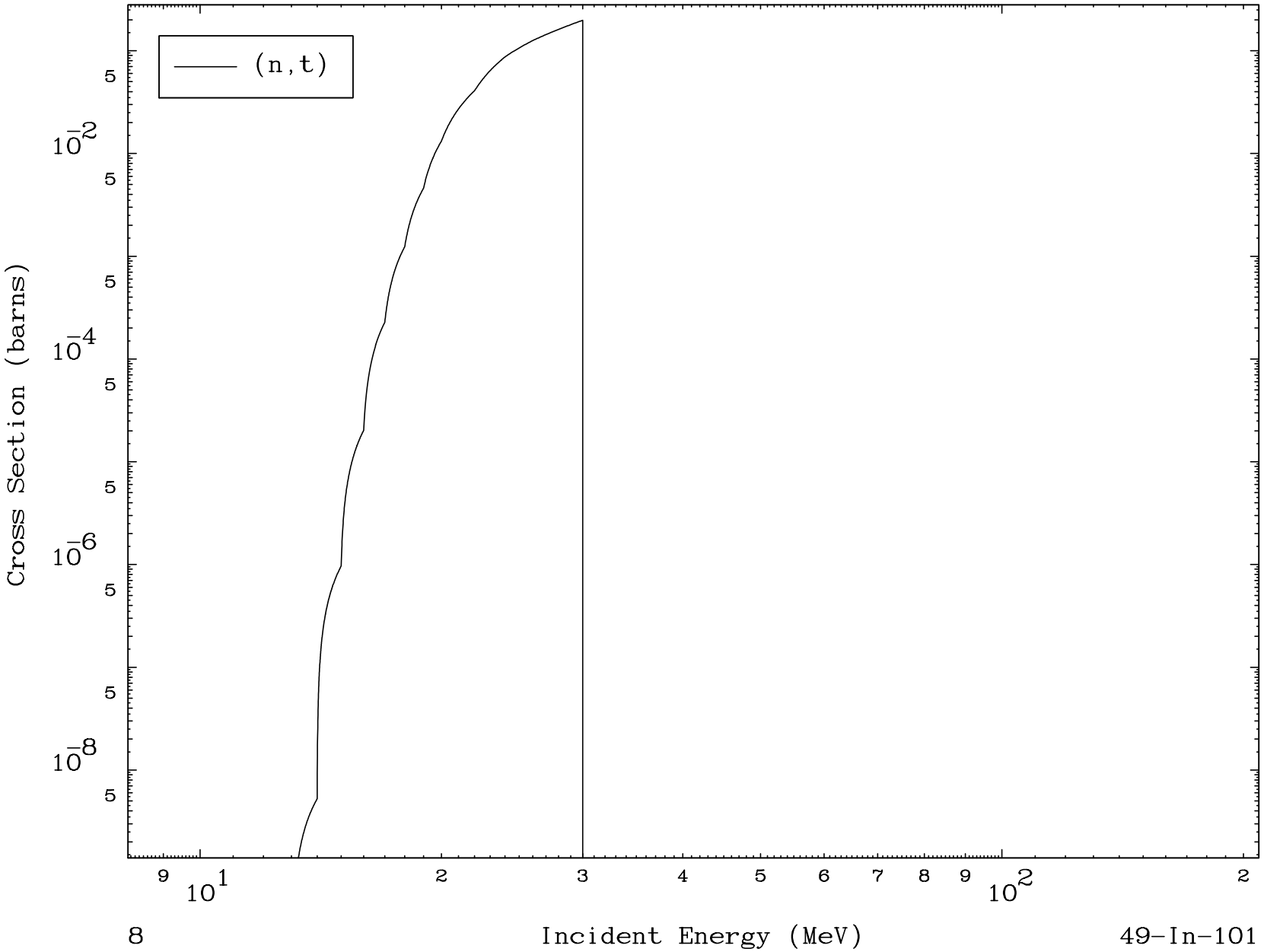

MAT 4889
He-3 Neutron Absorption
0 Kelvin Cross Sections
49-In-101
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
49-In-101

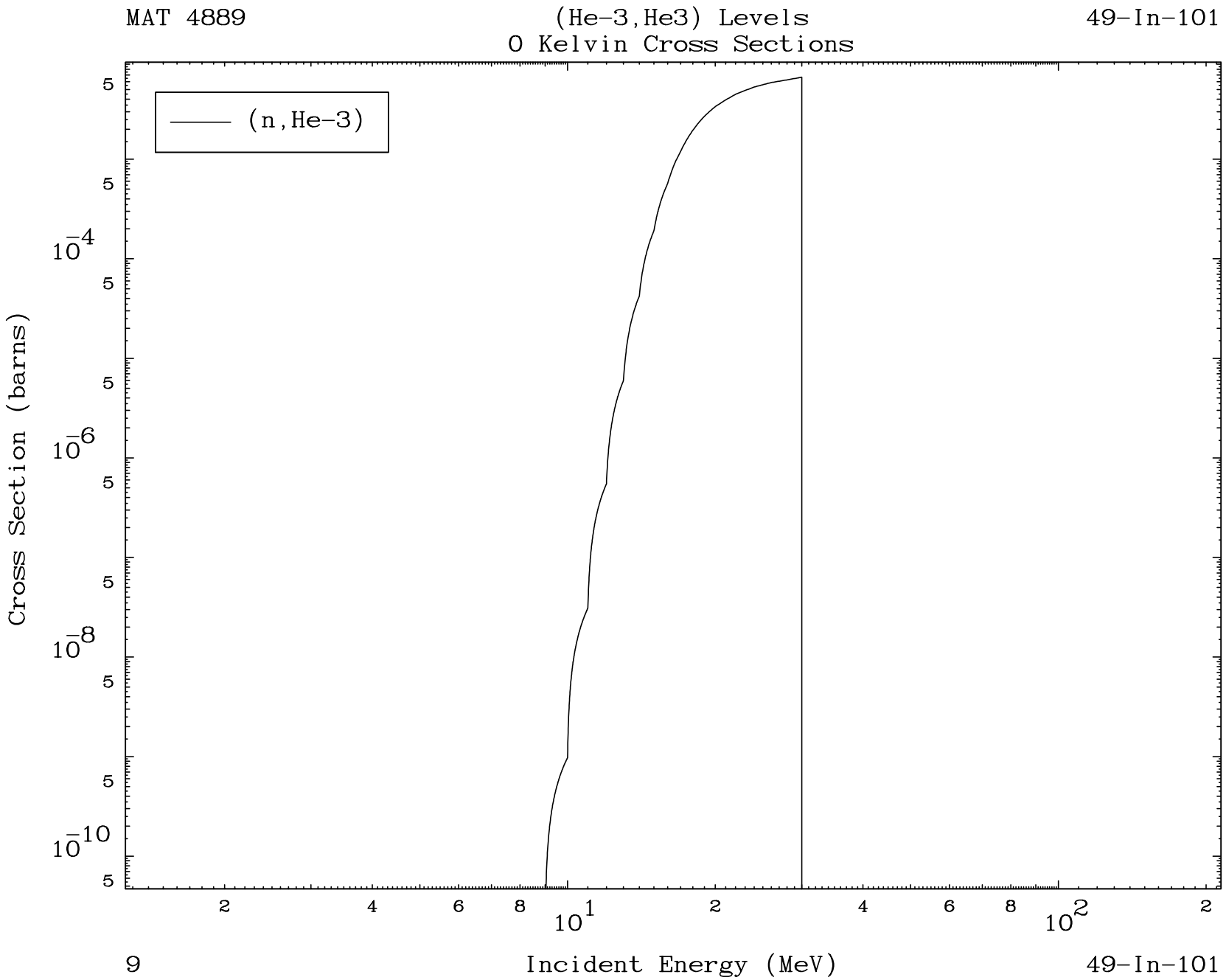

MAT 4889
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-101
(n,n') α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
4
49-In-101

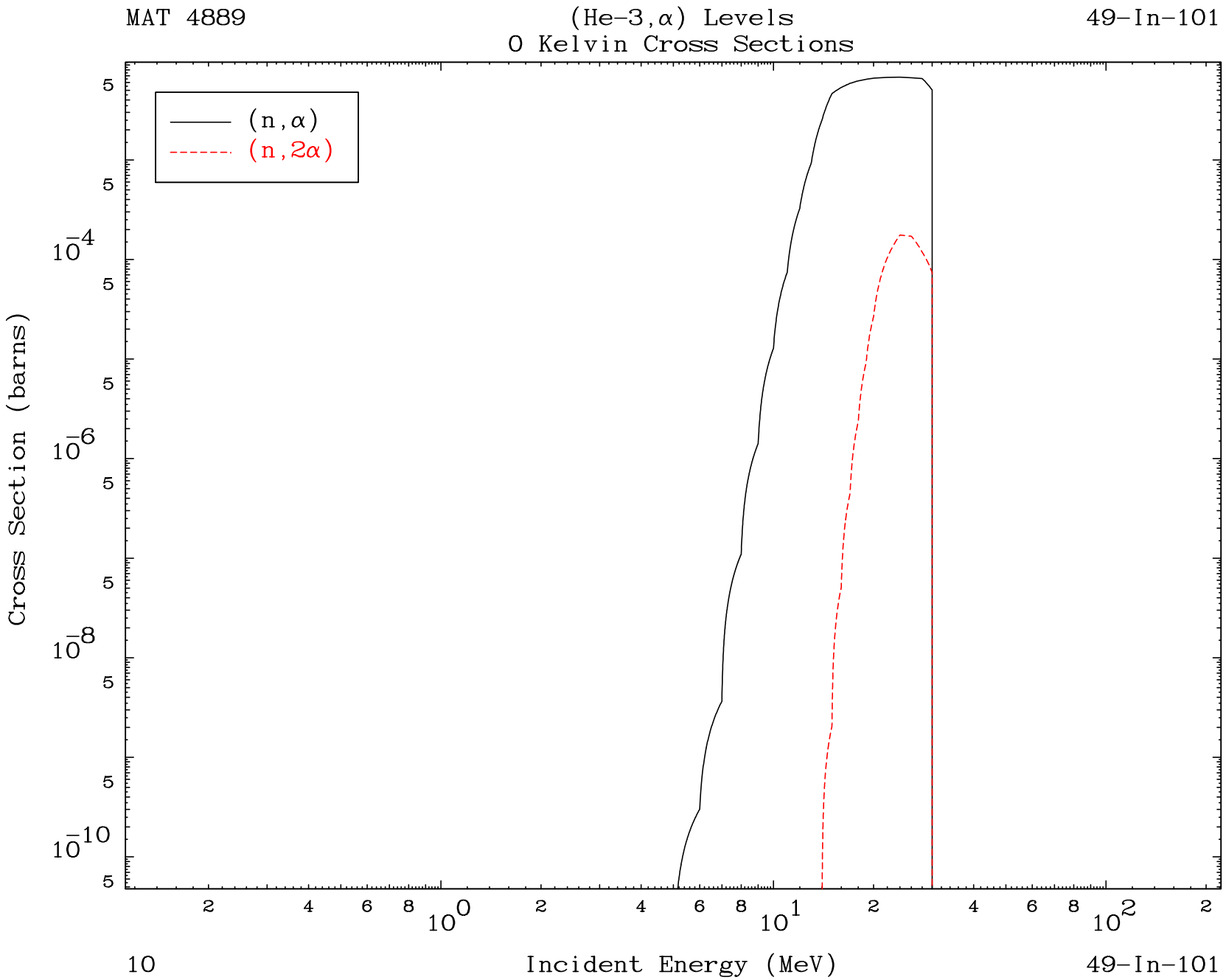

MAT 4889
He-3 Charged Particle
0 Kelvin Cross Sections
49-In-101
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
49-In-101

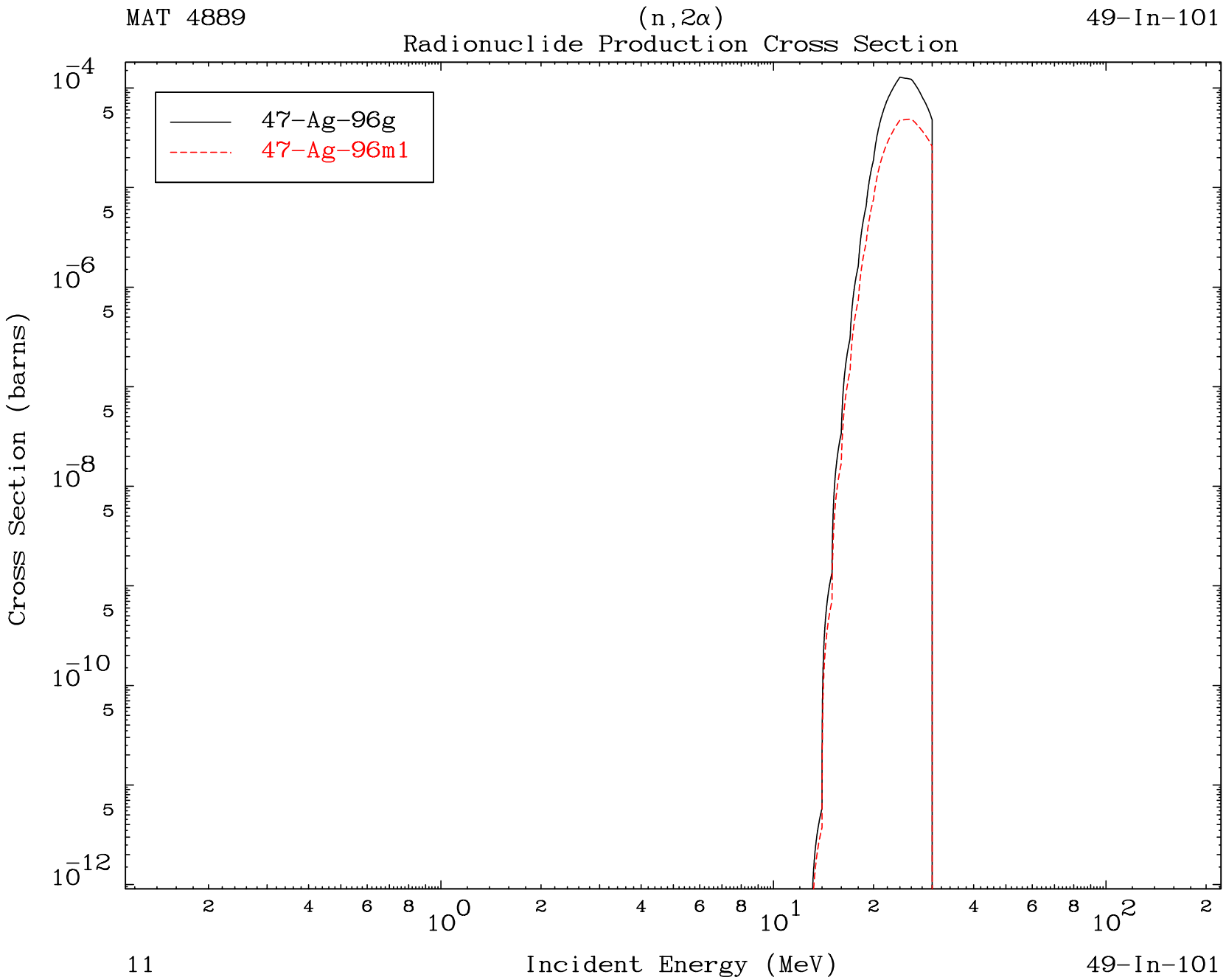

MAT 4889
(He-3,p) Levels
49-In-101
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
49-In-101
6


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


0 Kelvin Cross Sections
(n,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)


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


MAT 4889
(He-3,α) Levels
0 Kelvin Cross Sections
49-In-101
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
49-In-101


MAT 4889
(n,2α)
49-In-101
Radionuclide Production Cross Section
47-Ag-96g
47-Ag-96m1
Cross Section (barns)
Incident Energy (MeV)
11
49-In-101