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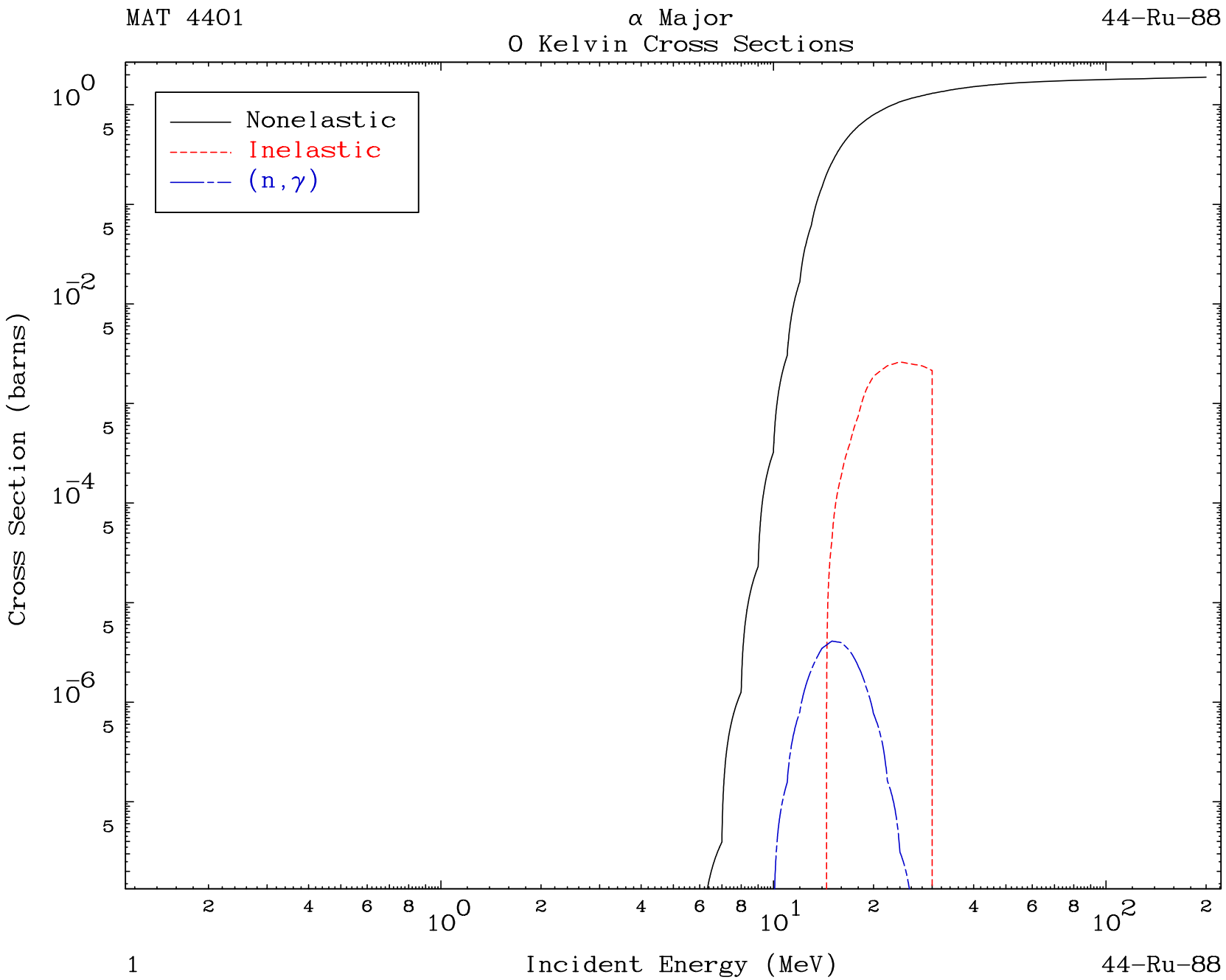
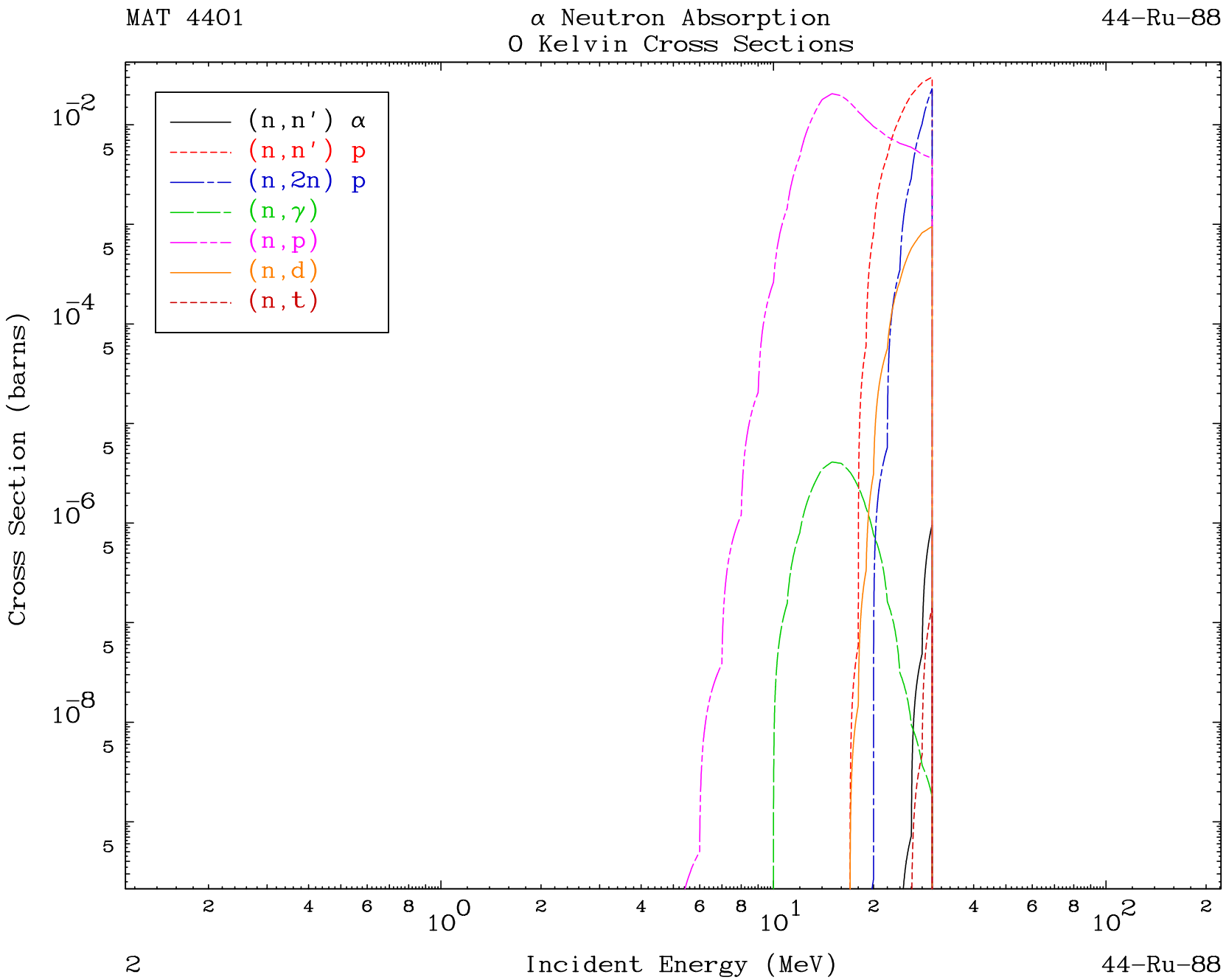
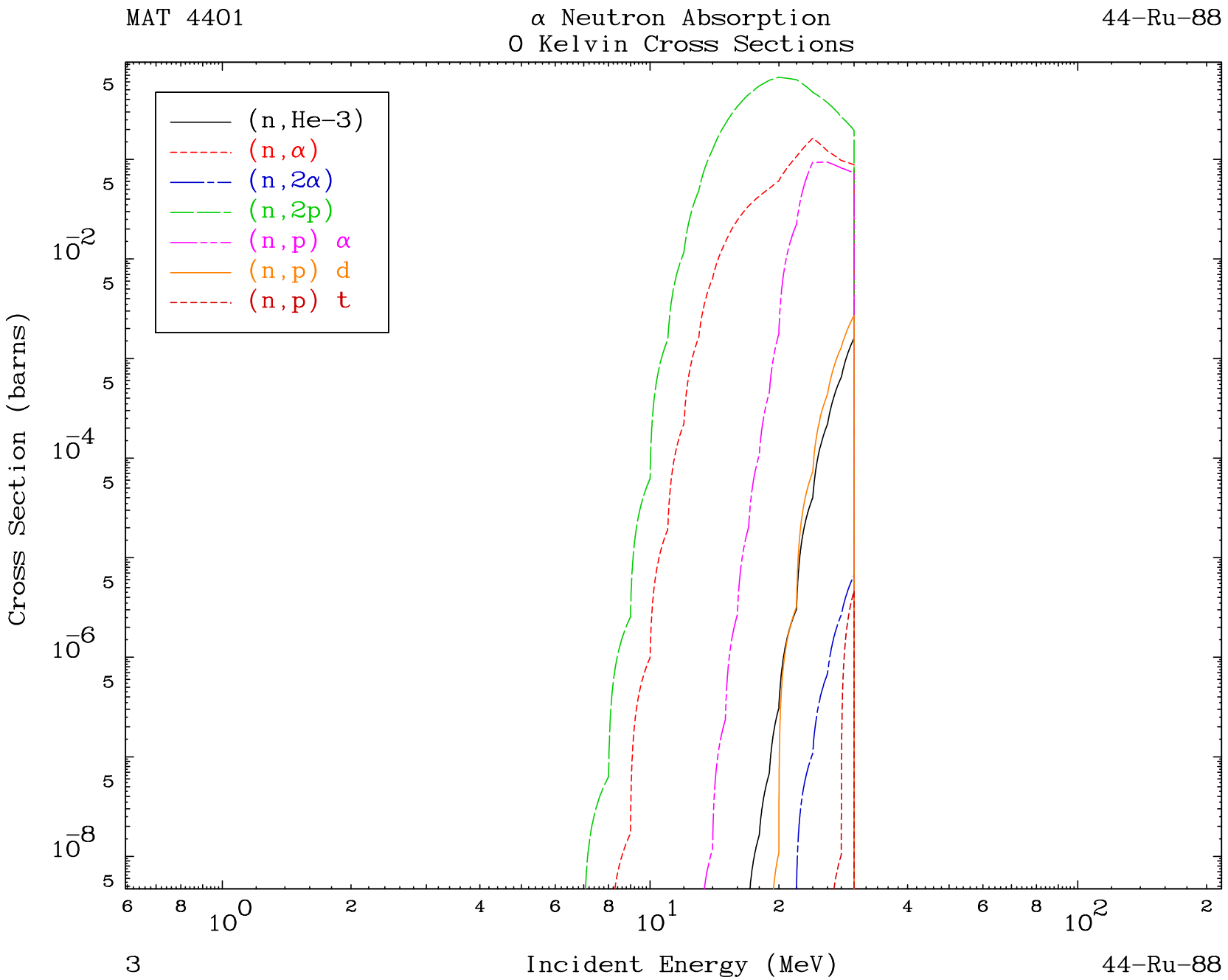
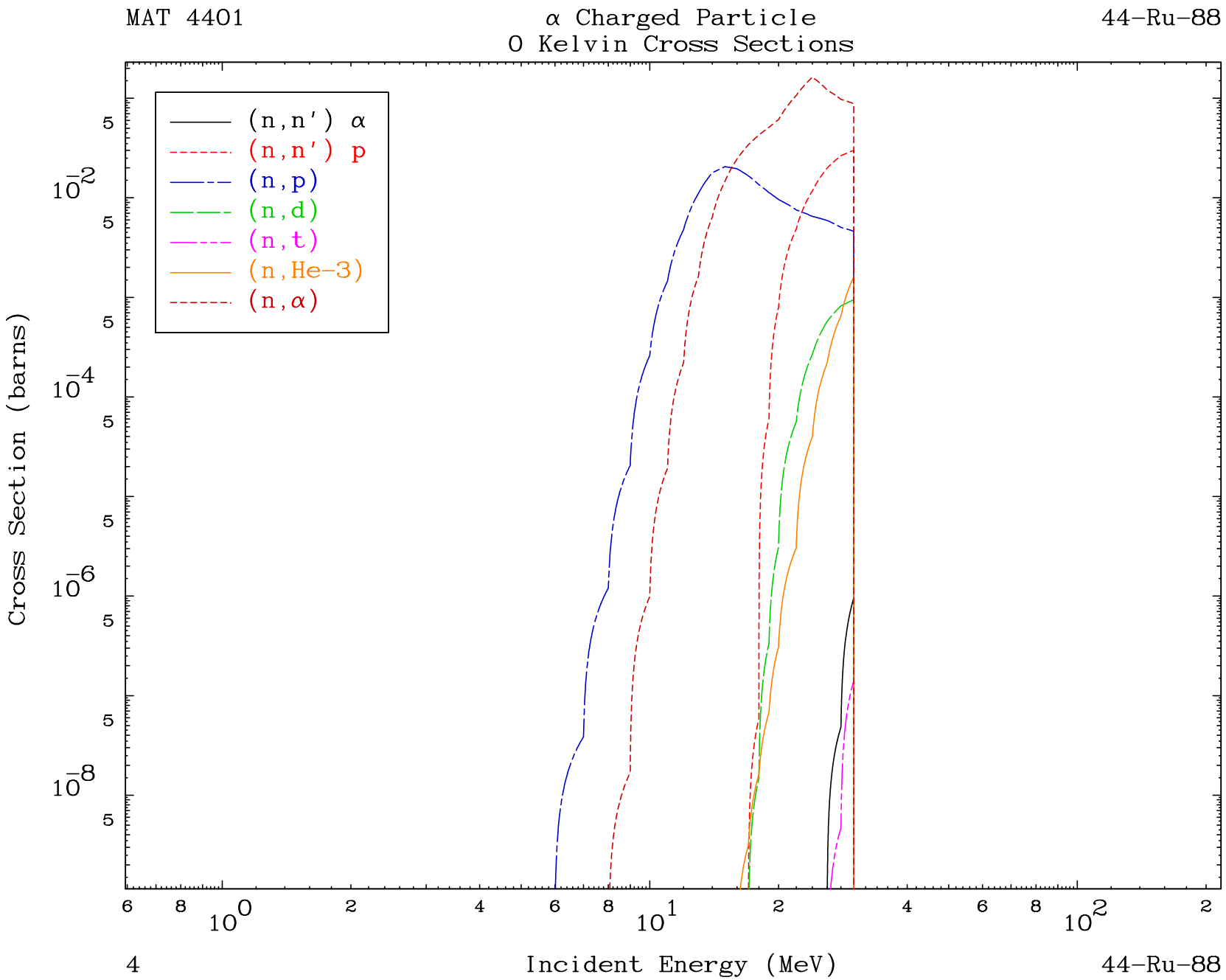
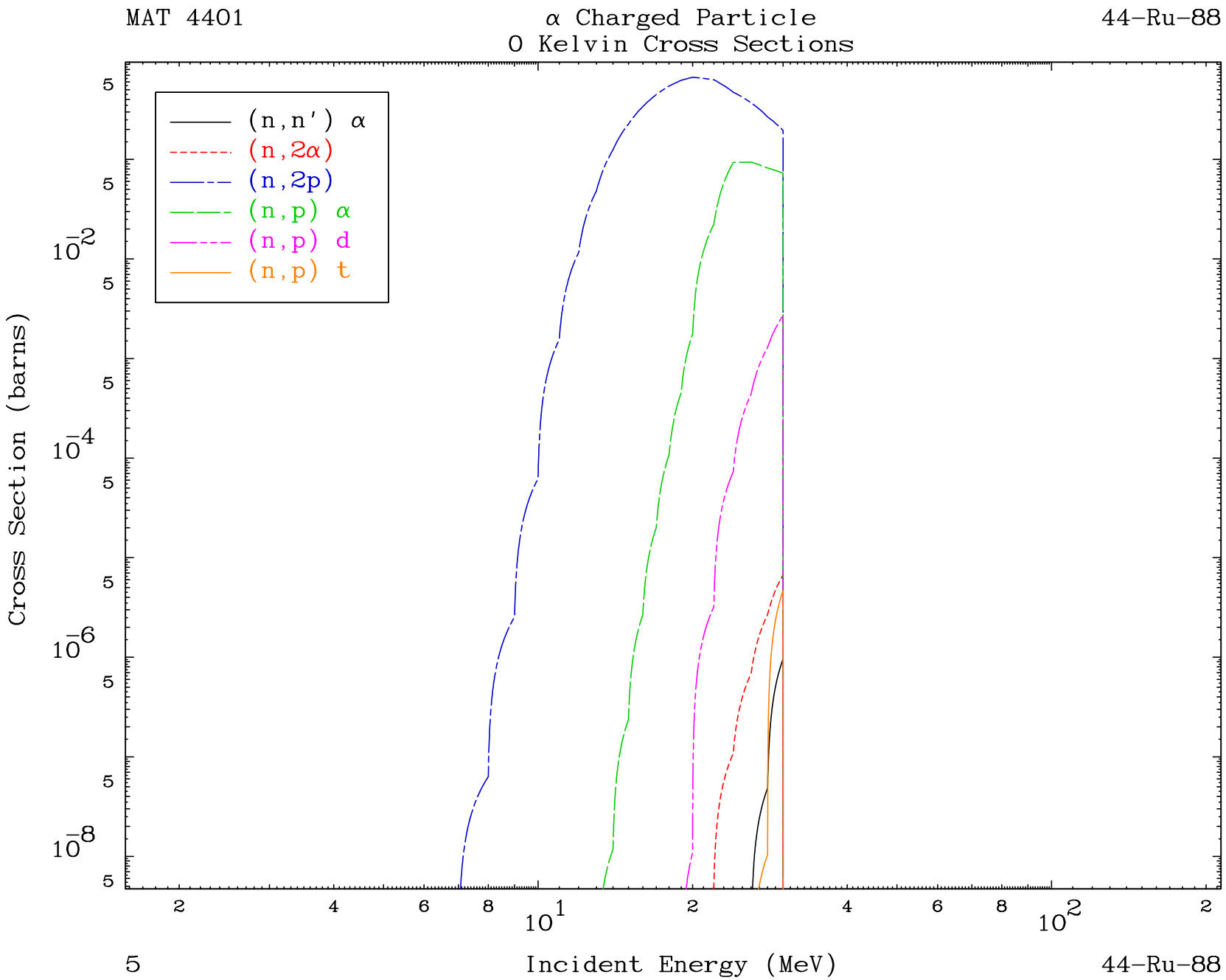
Press Mouse Button to Start

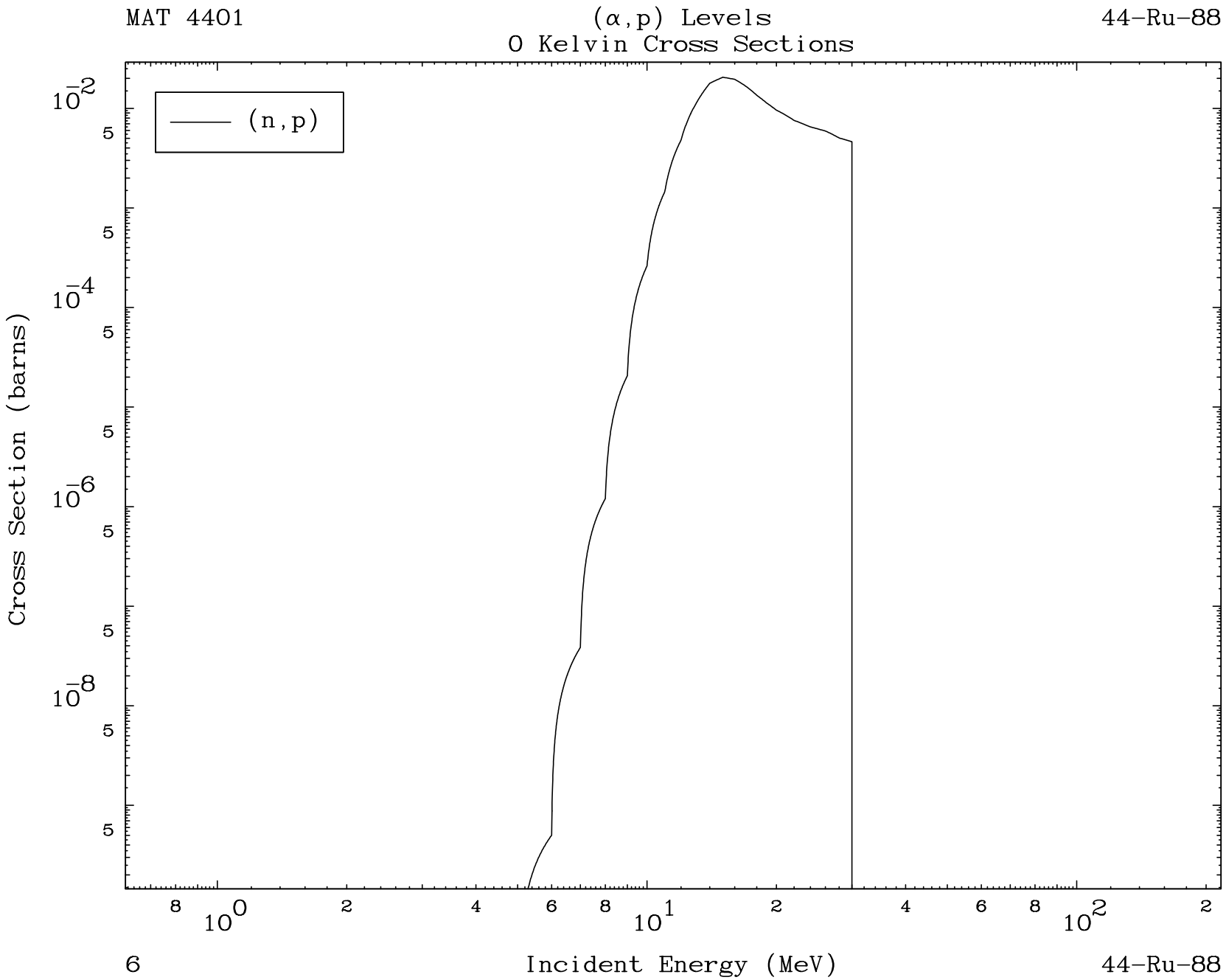

MAT 4401
α Major
44-Ru-88
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
44-Ru-88

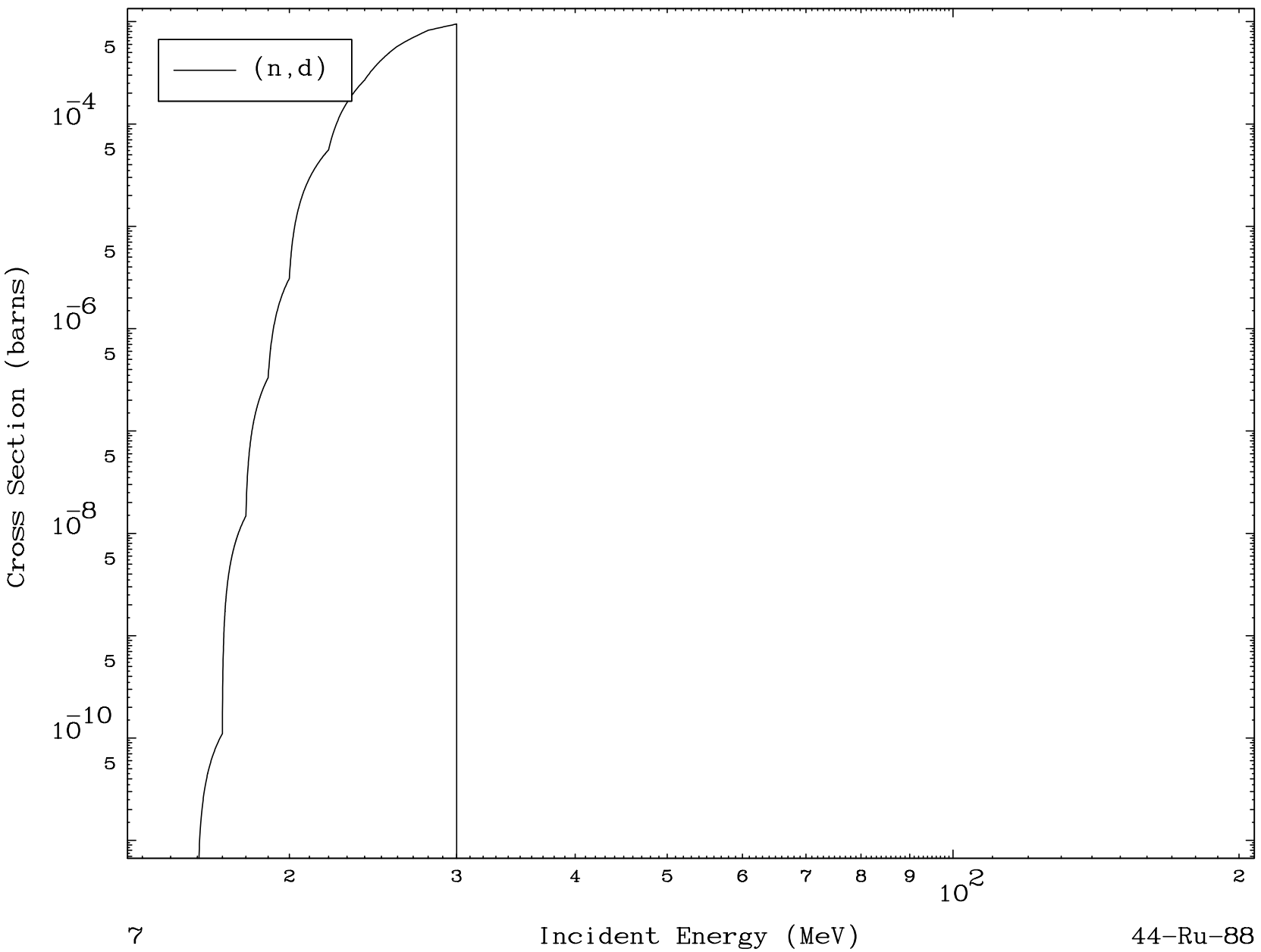

MAT 4401
α Neutron Absorption
0 Kelvin Cross Sections
44-Ru-88
(n,n') α
(n,n') p
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
2
44-Ru-88

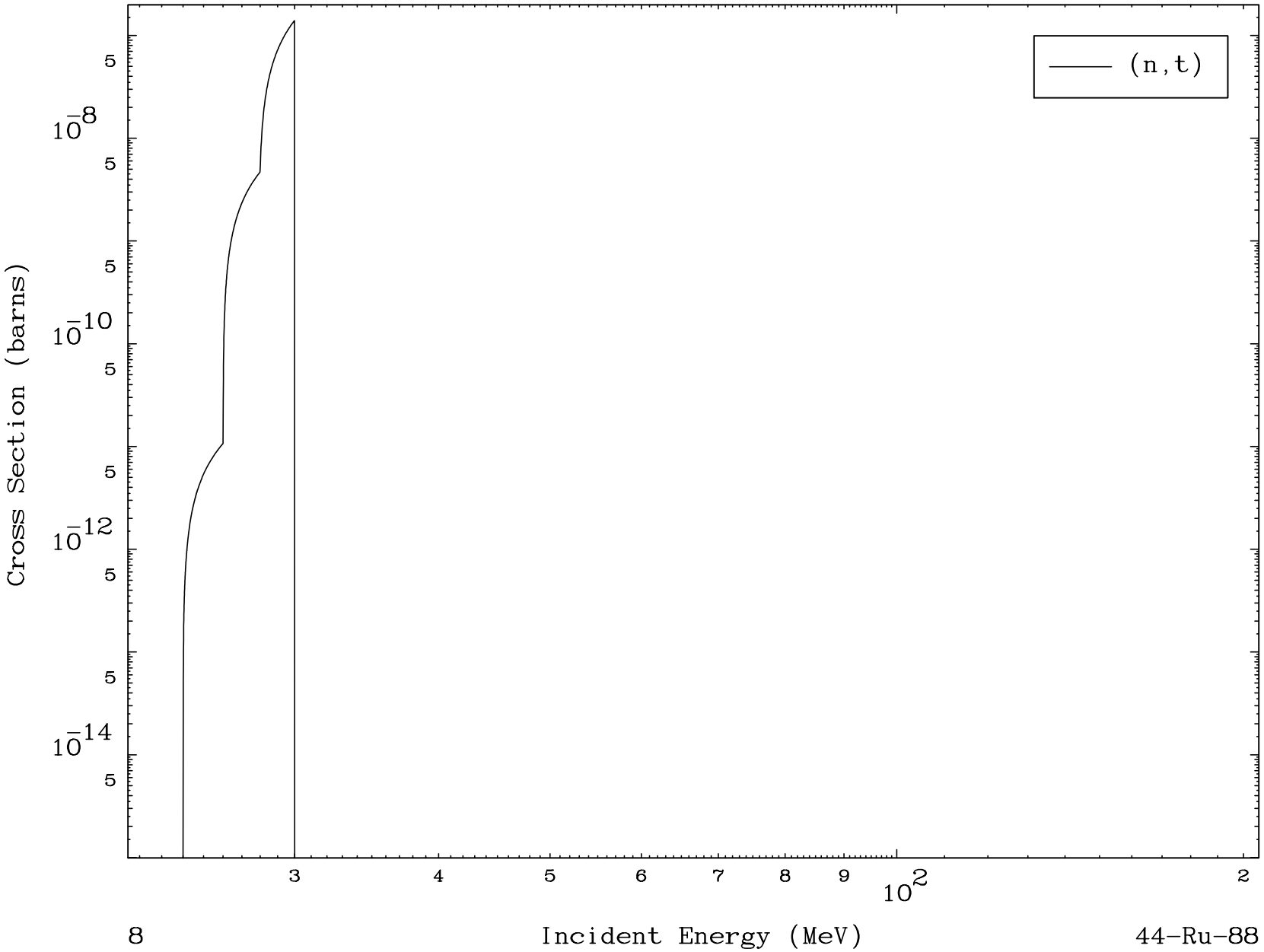

MAT 4401
α Neutron Absorption
0 Kelvin Cross Sections
44-Ru-88
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
44-Ru-88

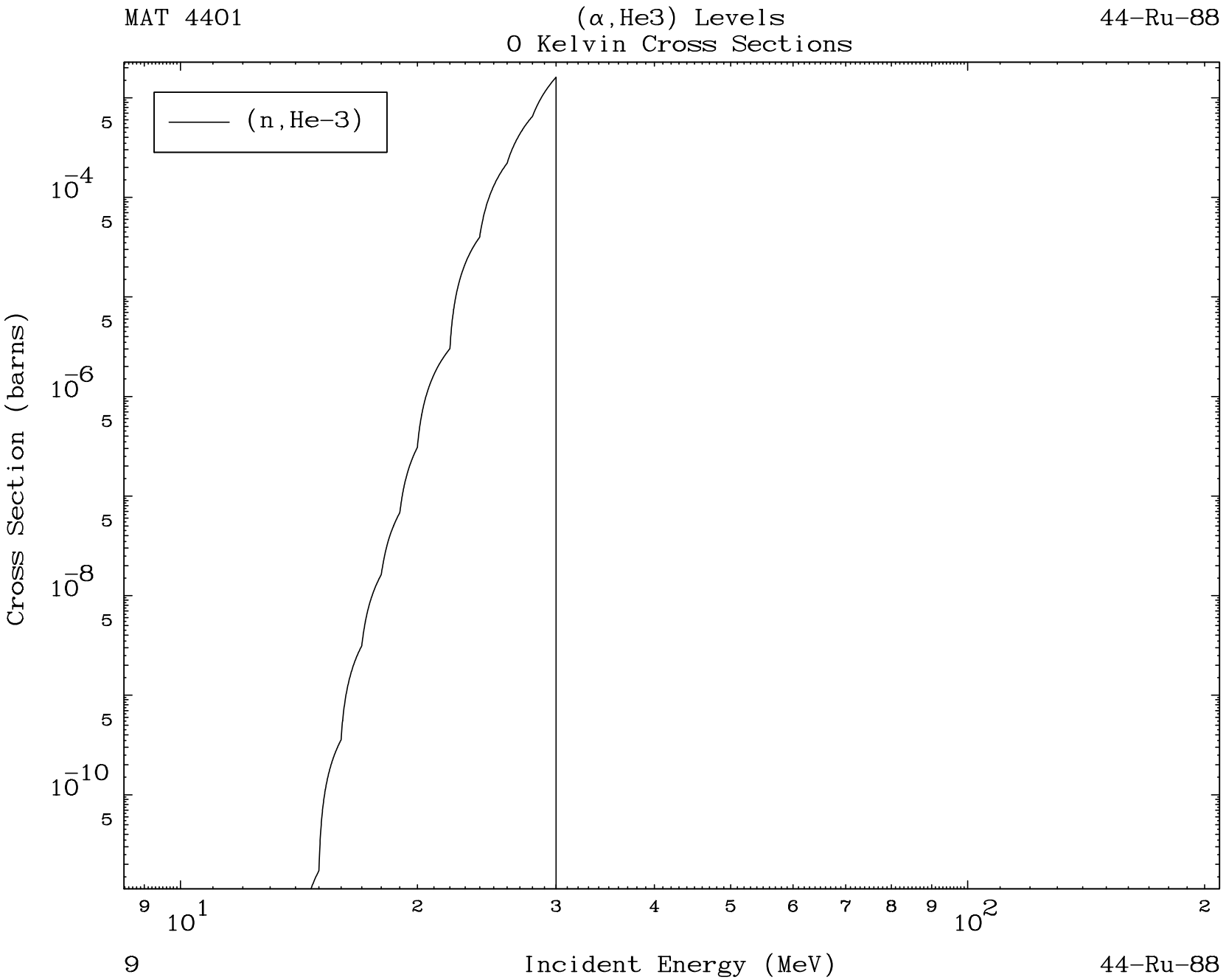

MAT 4401
α Charged Particle
0 Kelvin Cross Sections
44-Ru-88
(n,n') α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
44-Ru-88
4

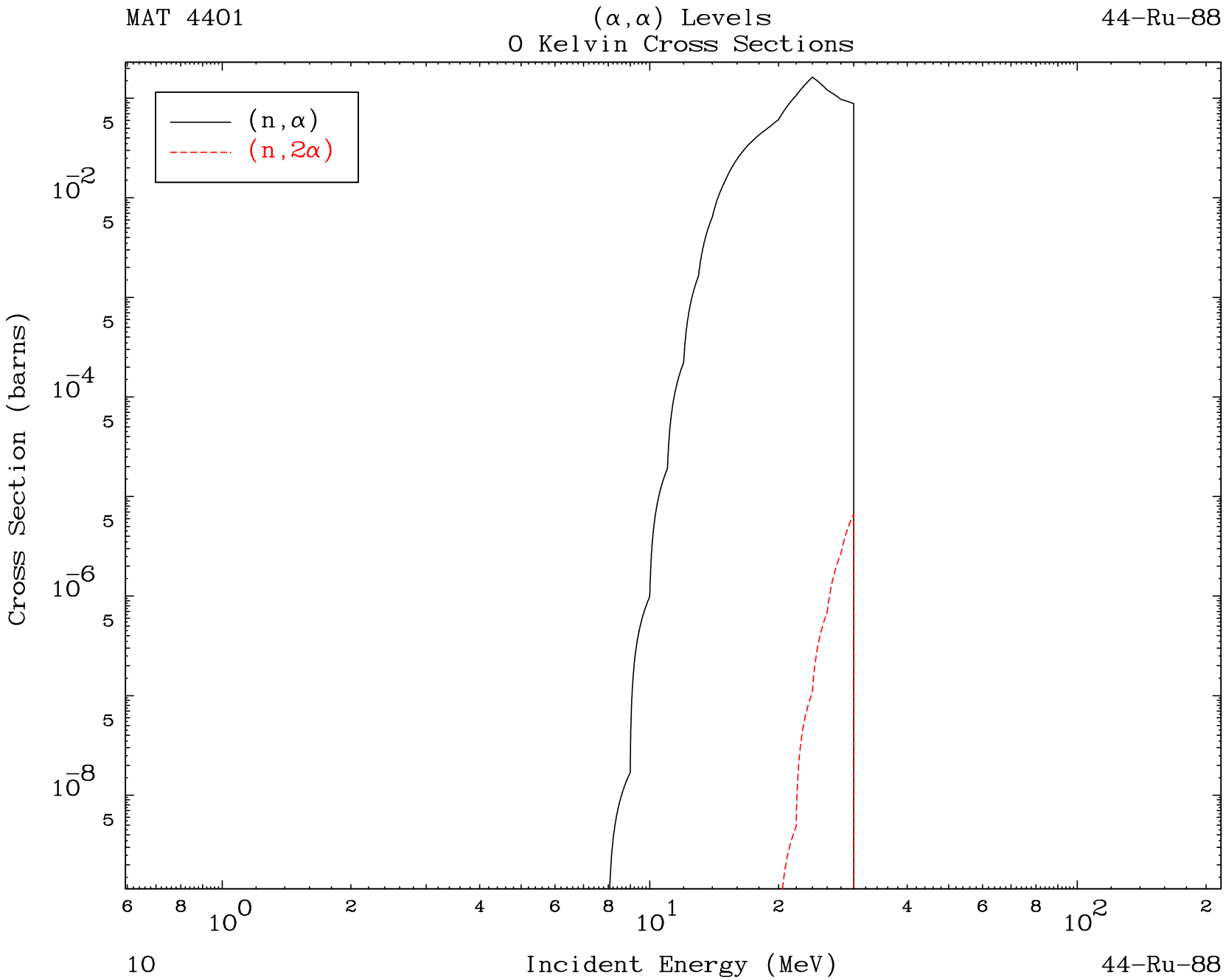

MAT 4401
α Charged Particle
0 Kelvin Cross Sections
44-Ru-88
(n,n') α
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
44-Ru-88

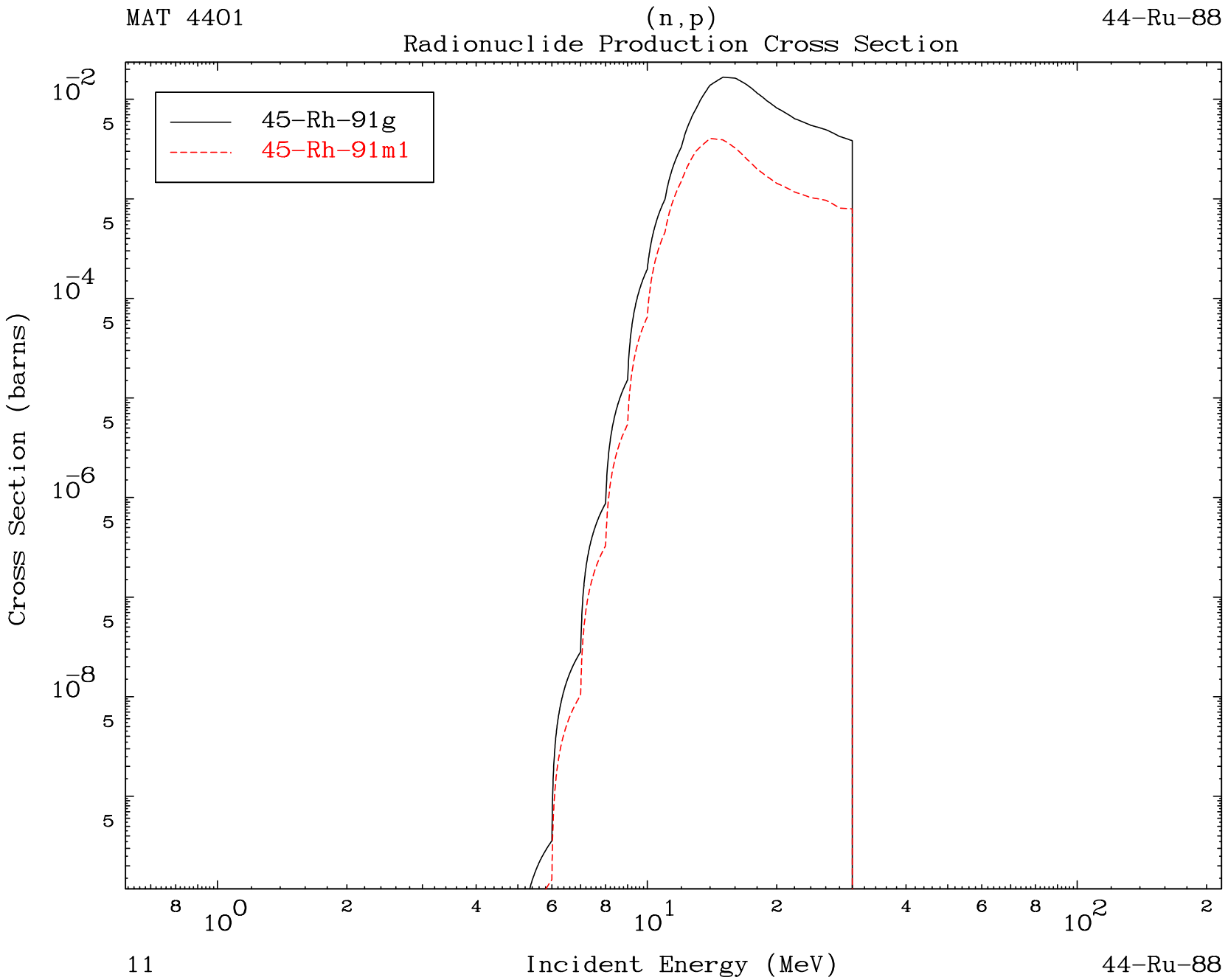

MAT 4401
(α,p) Levels
44-Ru-88
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
44-Ru-88


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 4401
(α,He3) Levels
44-Ru-88
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
9
44-Ru-88


MAT 4401
(α,α) Levels
44-Ru-88
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
44-Ru-88


MAT 4401
(n,p)
44-Ru-88
Radionuclide Production Cross Section
45-Rh-91g
45-Rh-91m1
Cross Section (barns)
Incident Energy (MeV)
11
44-Ru-88