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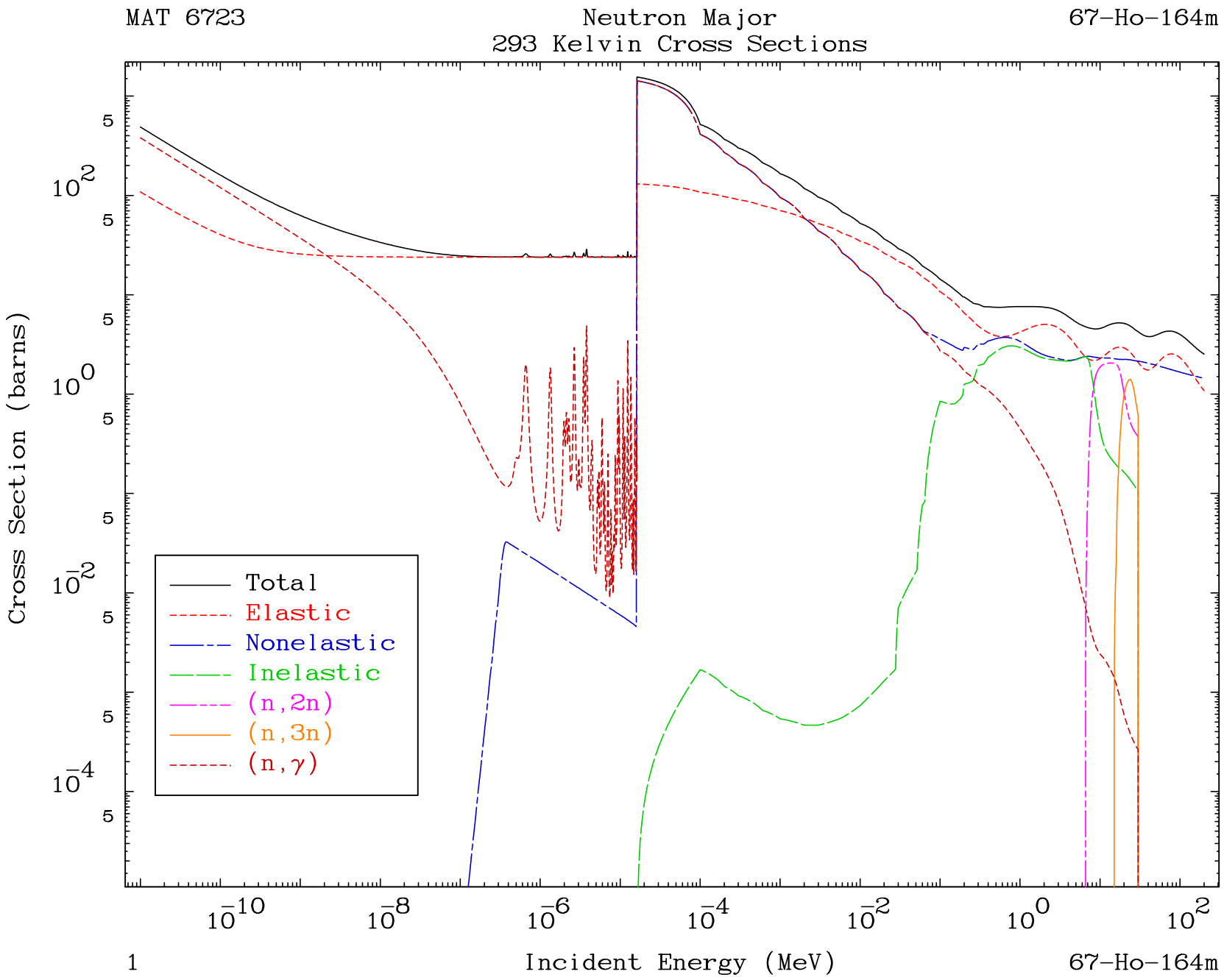
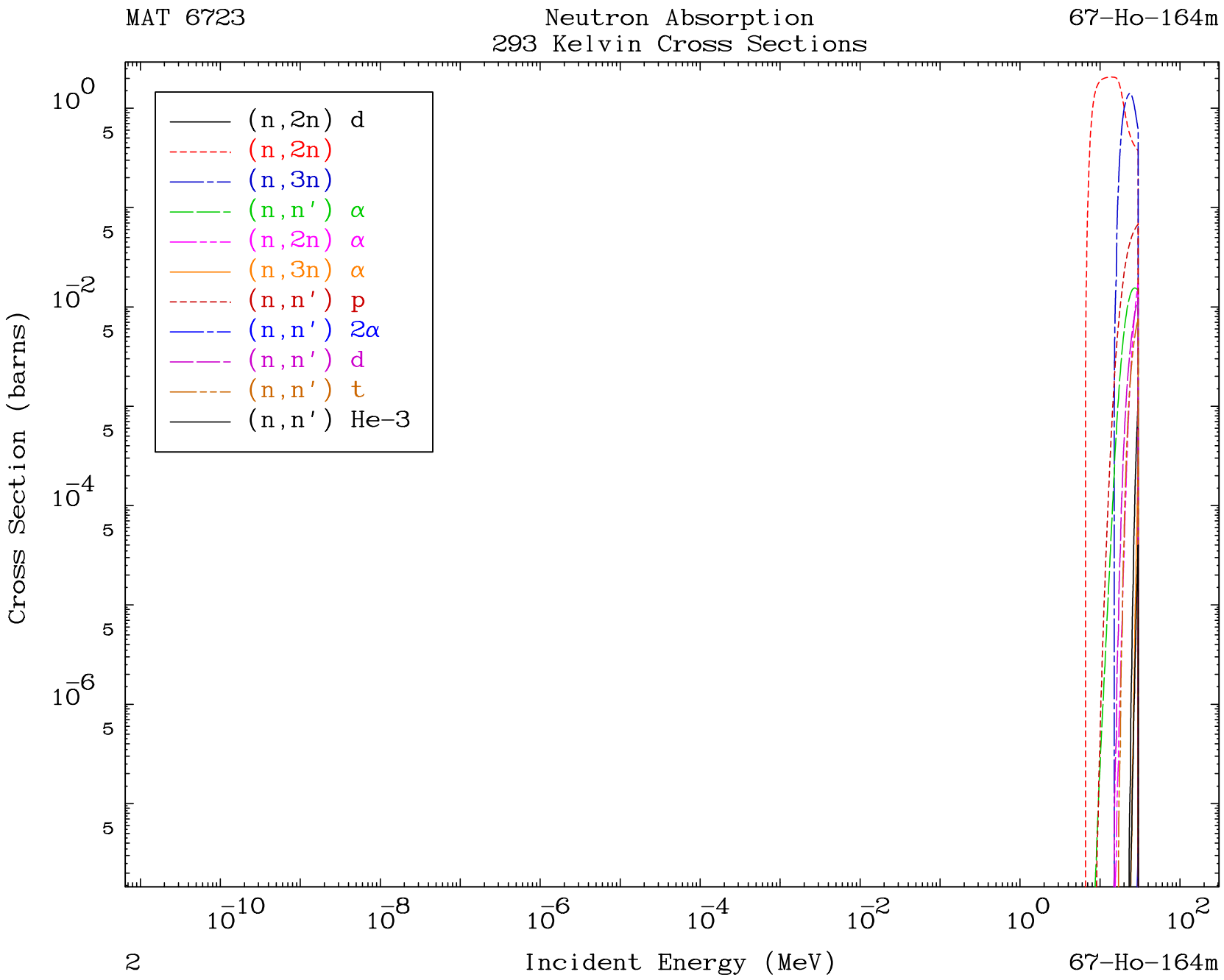
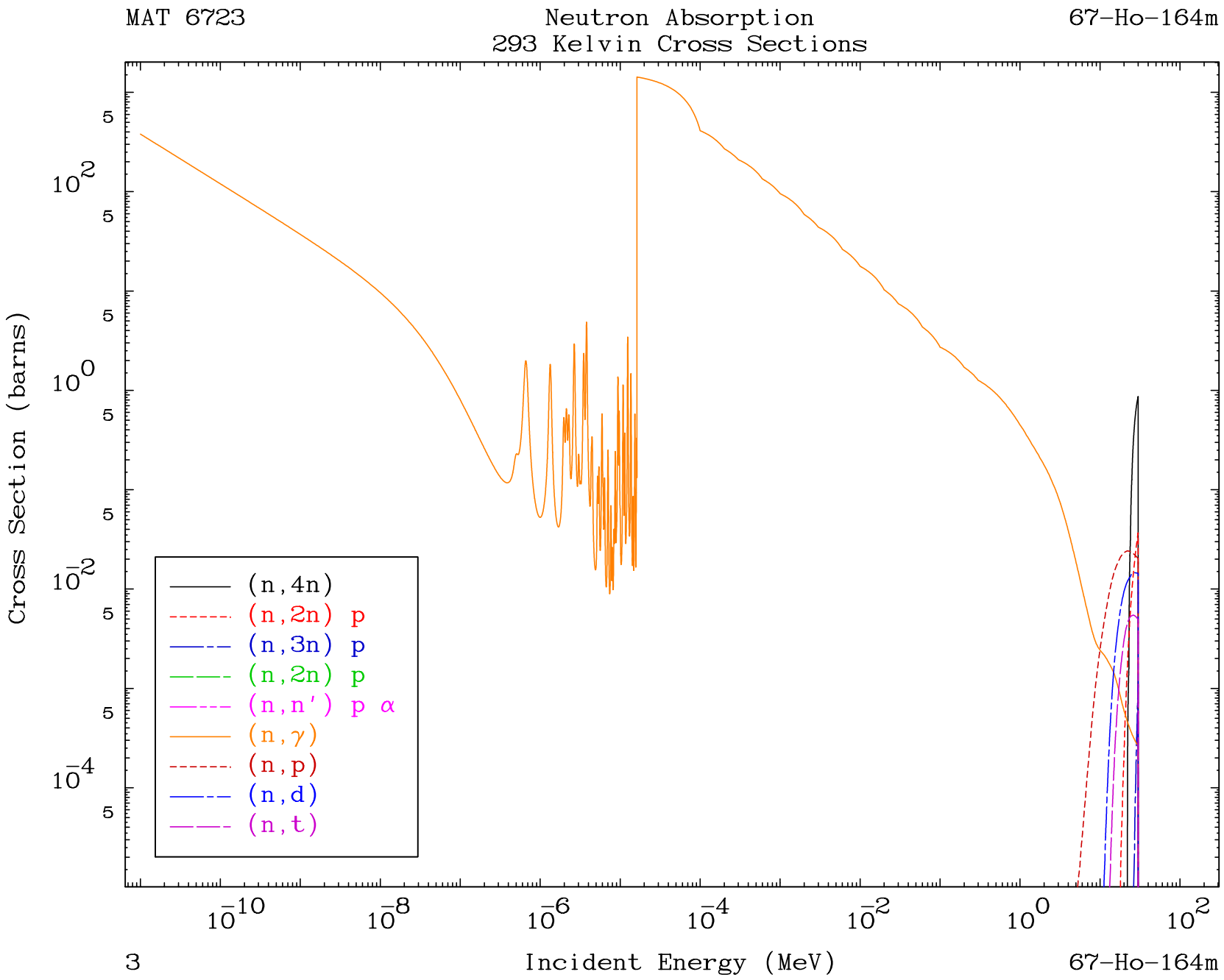
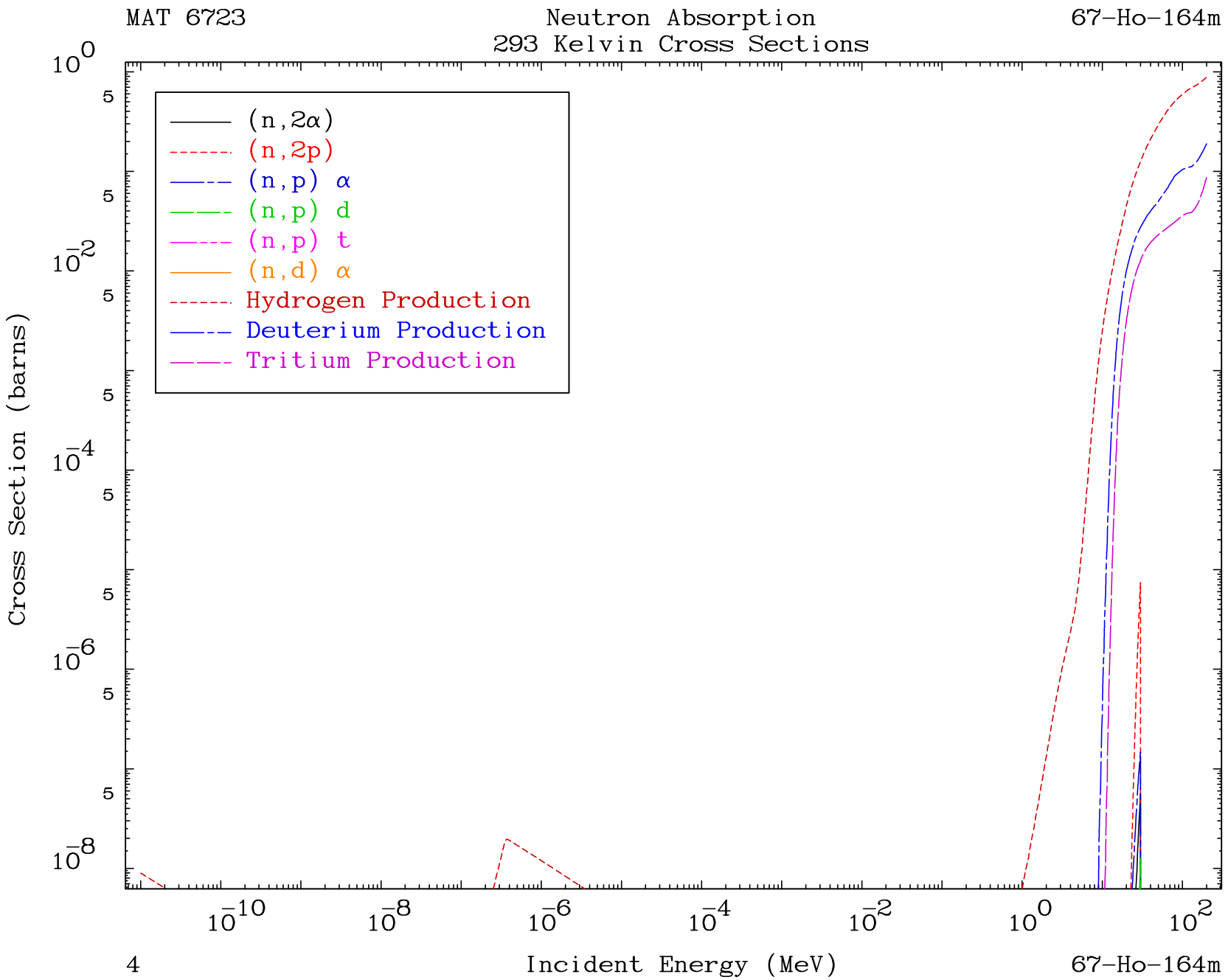
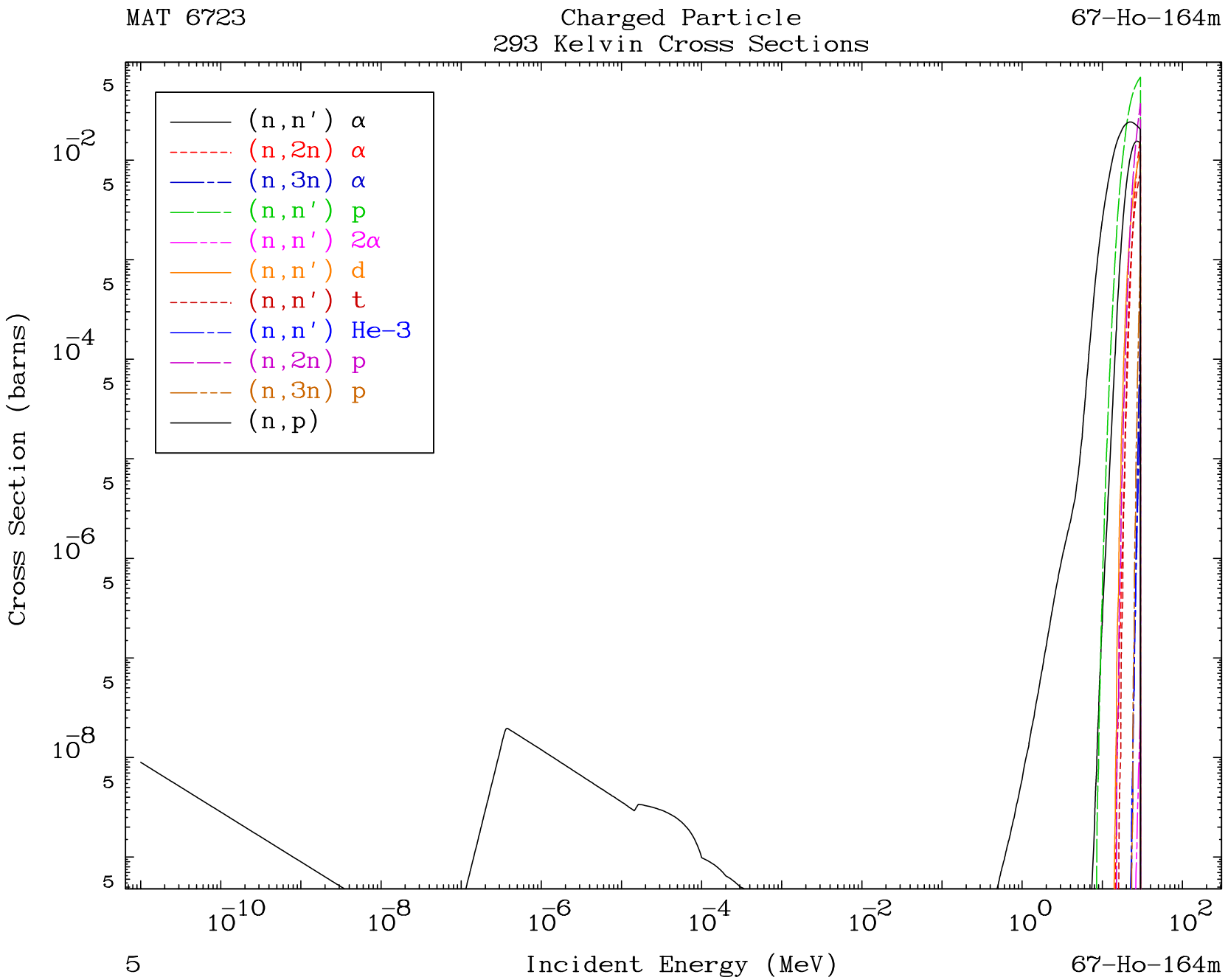
Press Mouse Button to Start

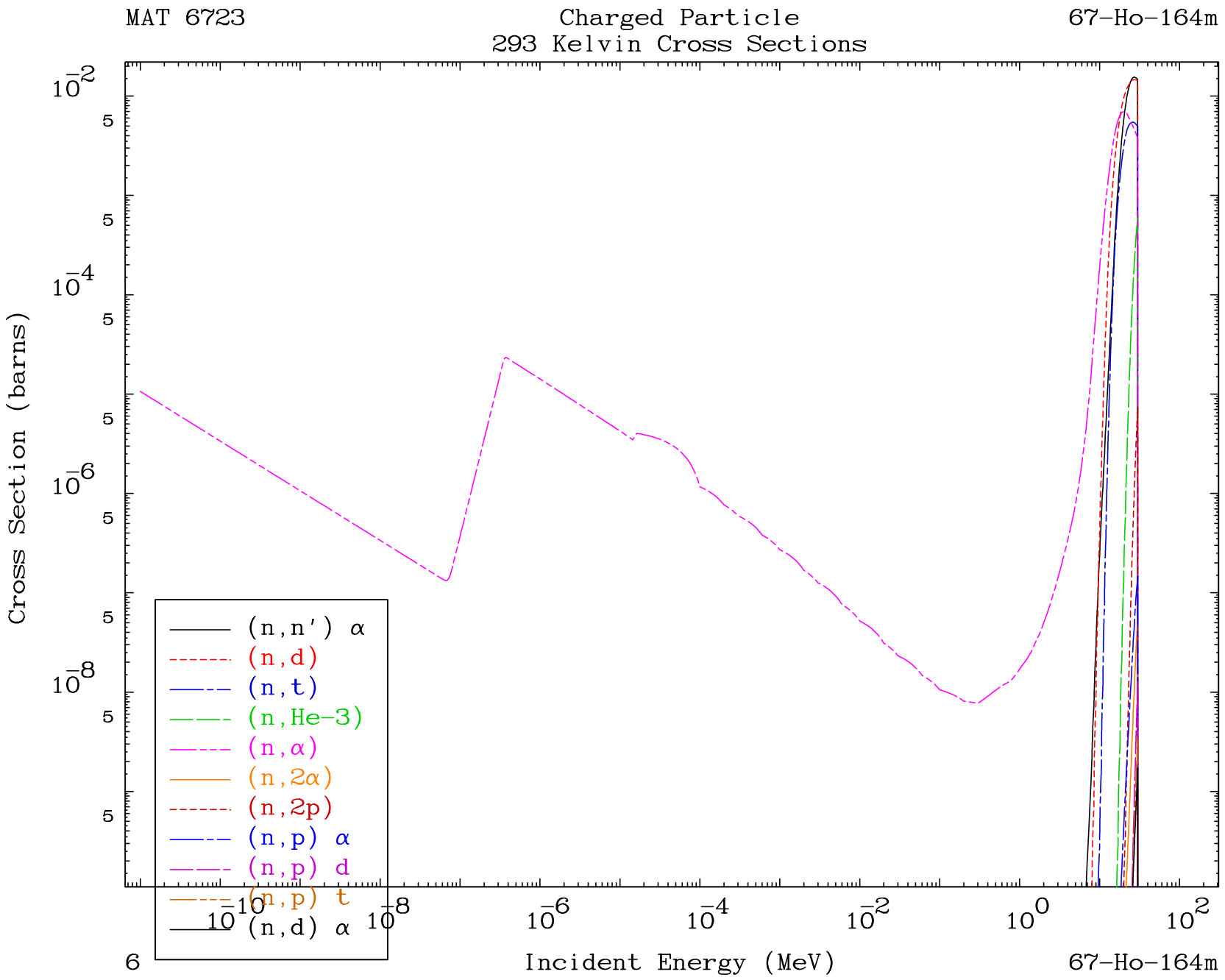

MAT 6723
Neutron Major
293 Kelvin Cross Sections
67-Ho-164m
Cross Section (barns)
Incident Energy (MeV)
Total
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
1
67-Ho-164m

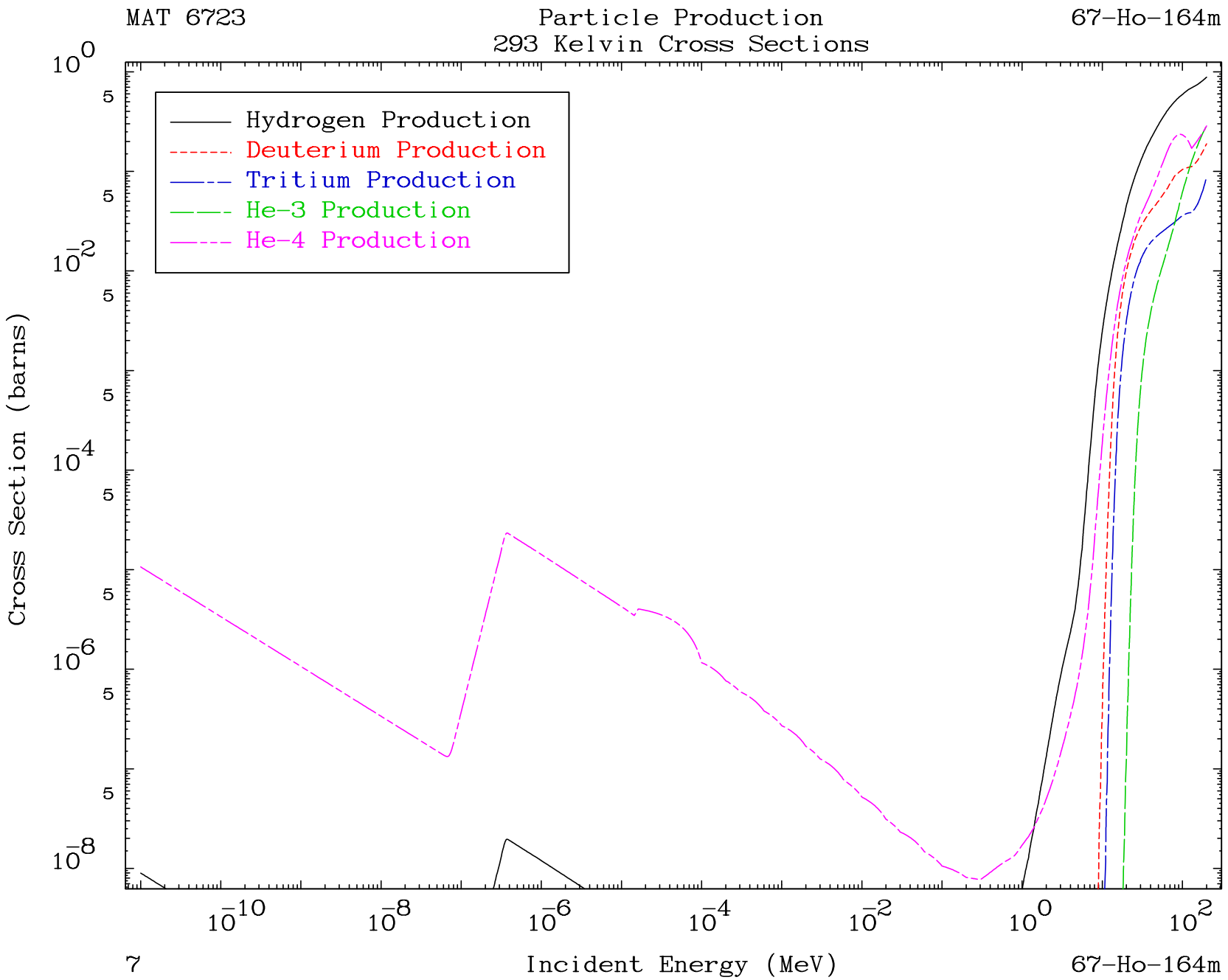

MAT 6723
Neutron Absorption
293 Kelvin Cross Sections
67-Ho-164m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164m
2

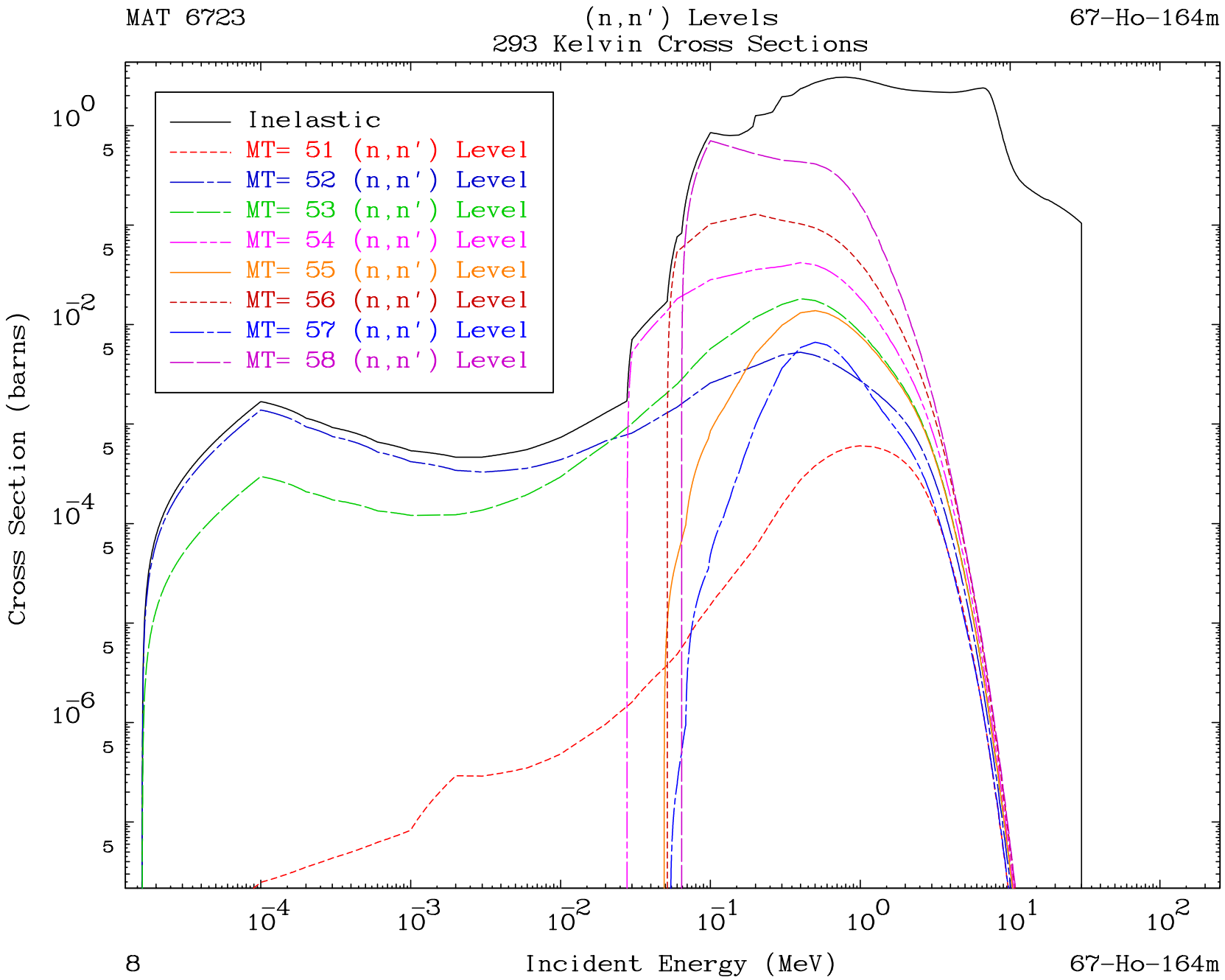

MAT 6723
Neutron Absorption
293 Kelvin Cross Sections
67-Ho-164m
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-164m
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)

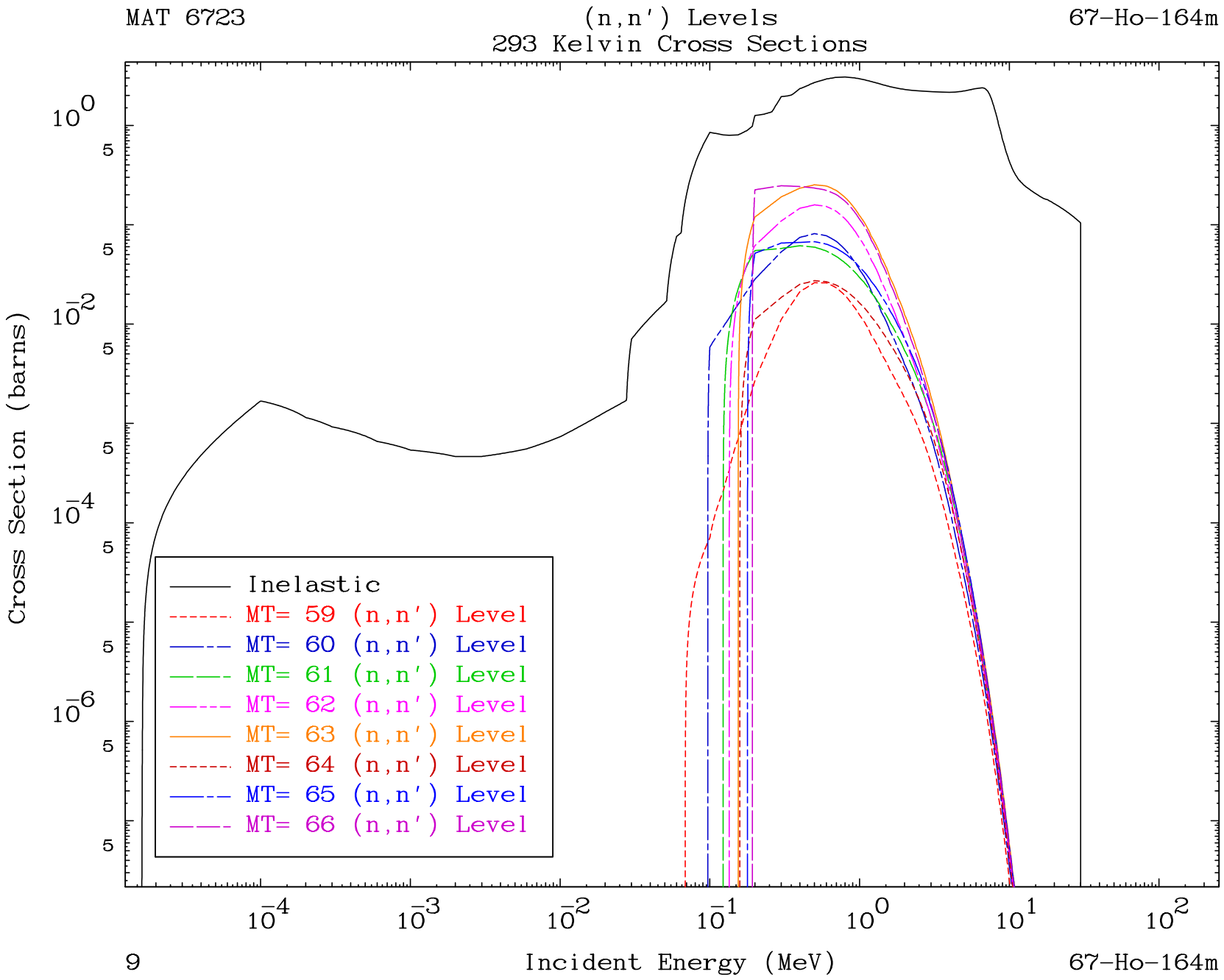

MAT 6723
Neutron Absorption
293 Kelvin Cross Sections
67-Ho-164m
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Hydrogen Production
Deuterium Production
Tritium Production
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164m
4

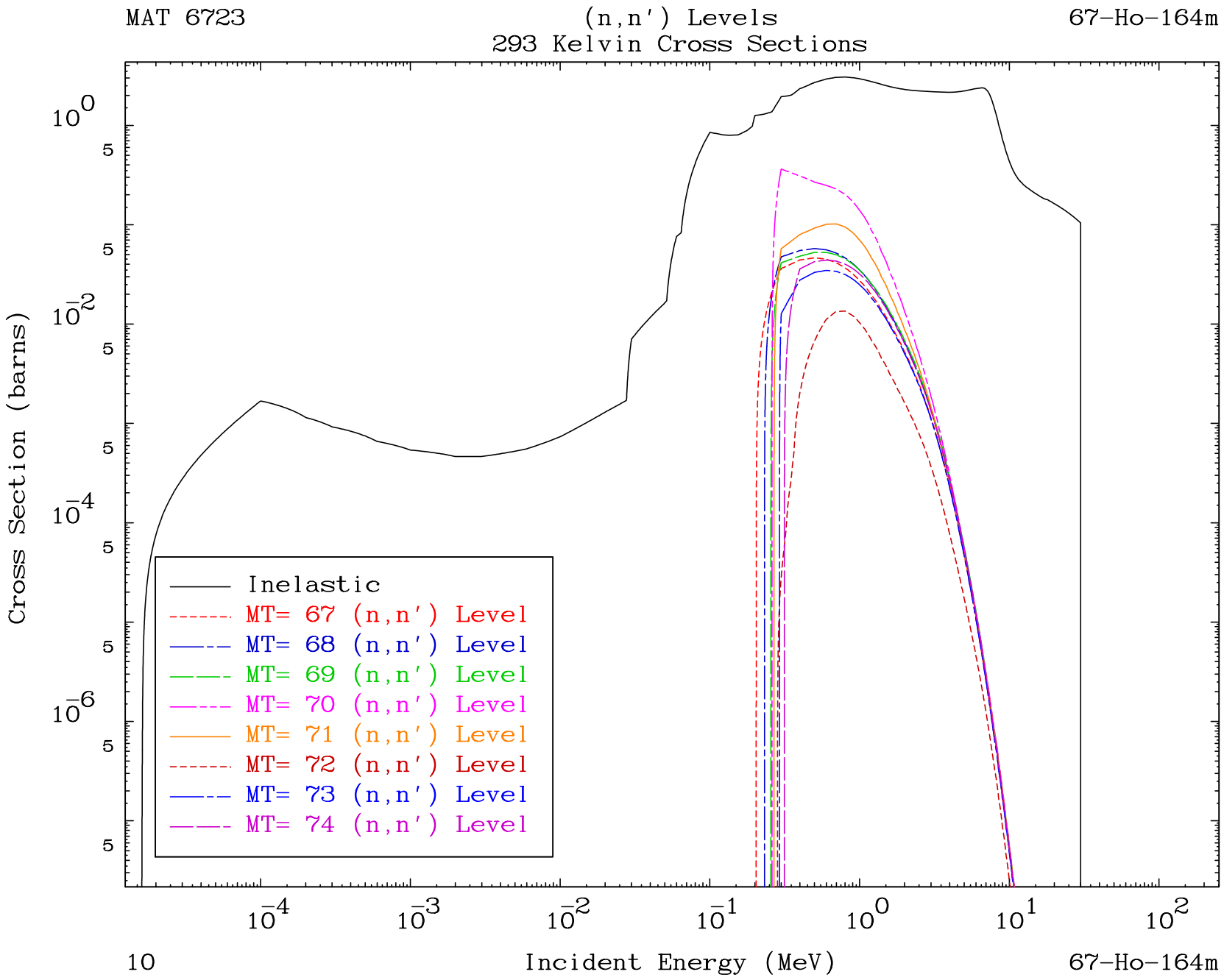

MAT 6723
Charged Particle
293 Kelvin Cross Sections
67-Ho-164m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164m

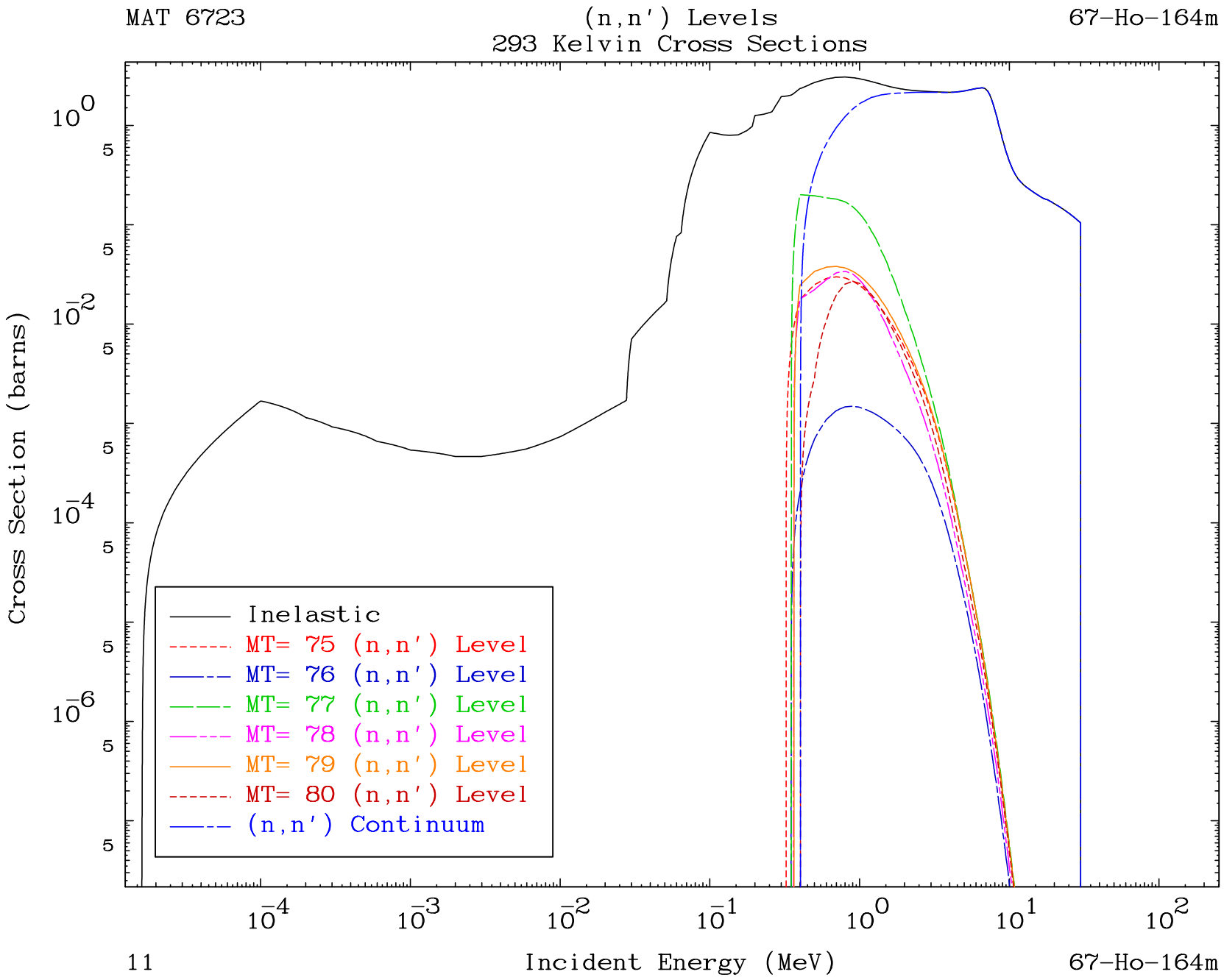

MAT 6723
Charged Particle
293 Kelvin Cross Sections
67-Ho-164m
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α

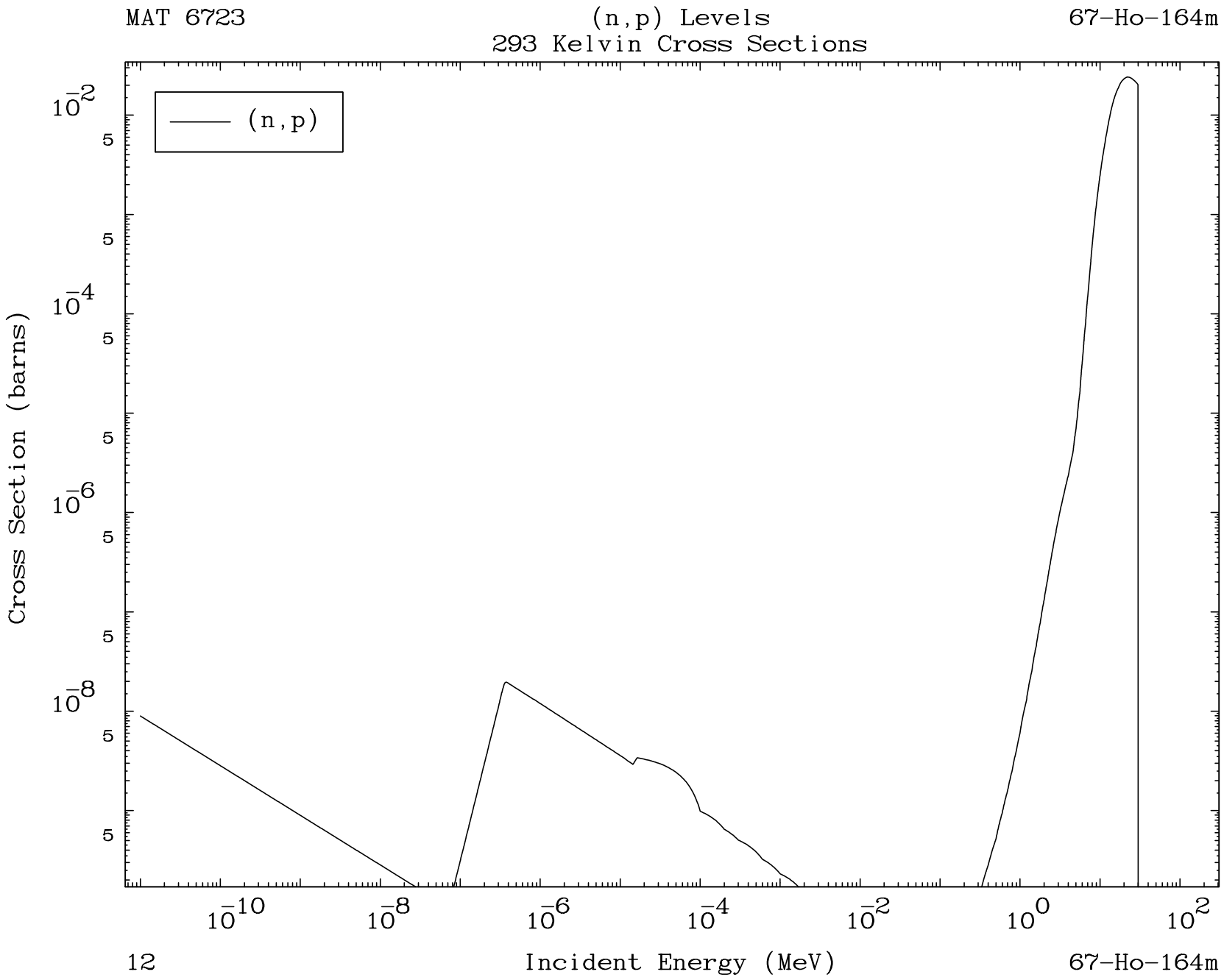

MAT 6723
Particle Production
293 Kelvin Cross Sections
67-Ho-164m
Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production
Cross Section (barns)
Incident Energy (MeV)
67-Ho-164m
7

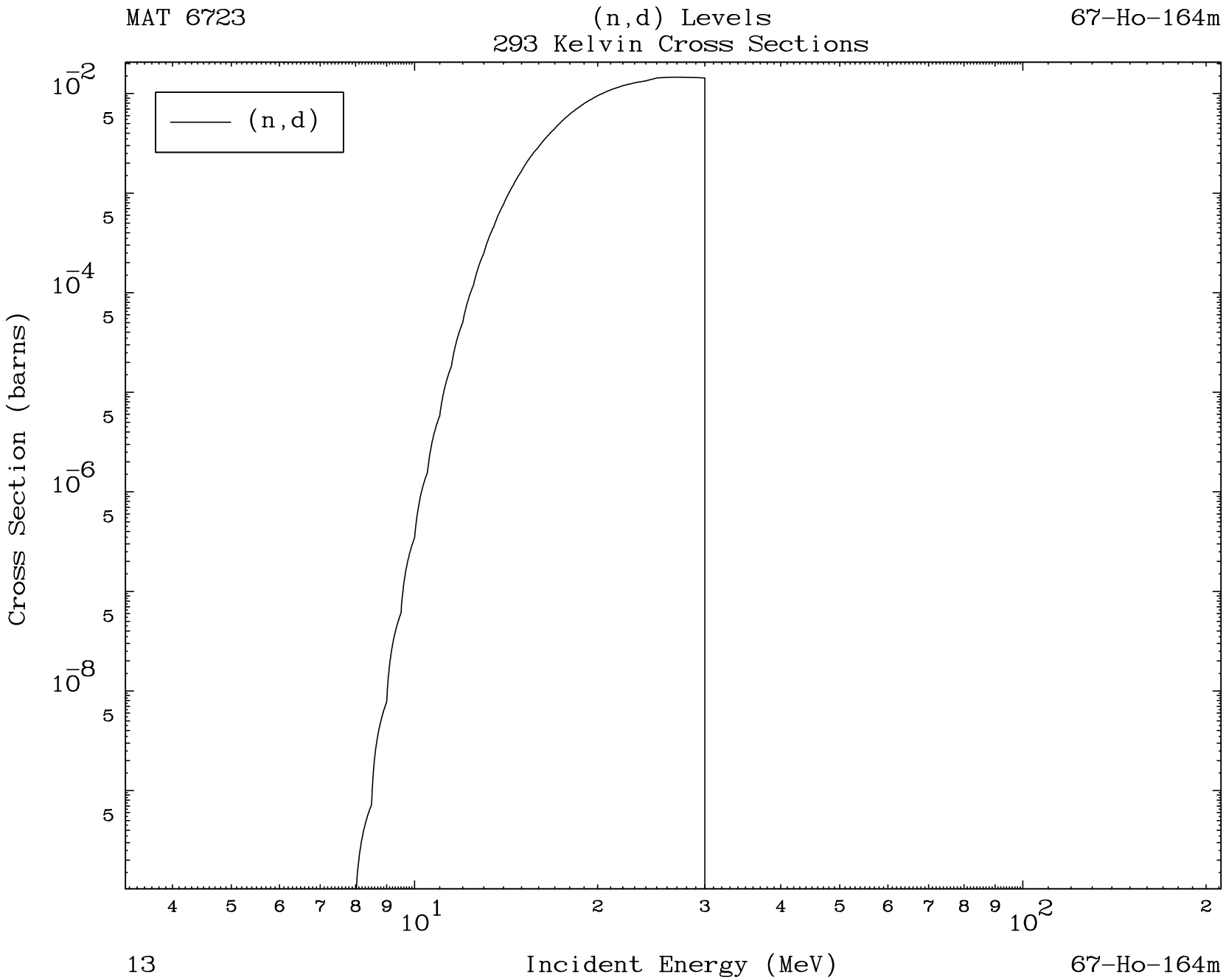

MAT 6723
(n,n') Levels
293 Kelvin Cross Sections
67-Ho-164m
Inelastic
MT= 51 (n,n') Level
MT= 52 (n,n') Level
MT= 53 (n,n') Level
MT= 54 (n,n') Level
MT= 55 (n,n') Level
MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
Cross Section (barns)
Incident Energy (MeV)
8
67-Ho-164m

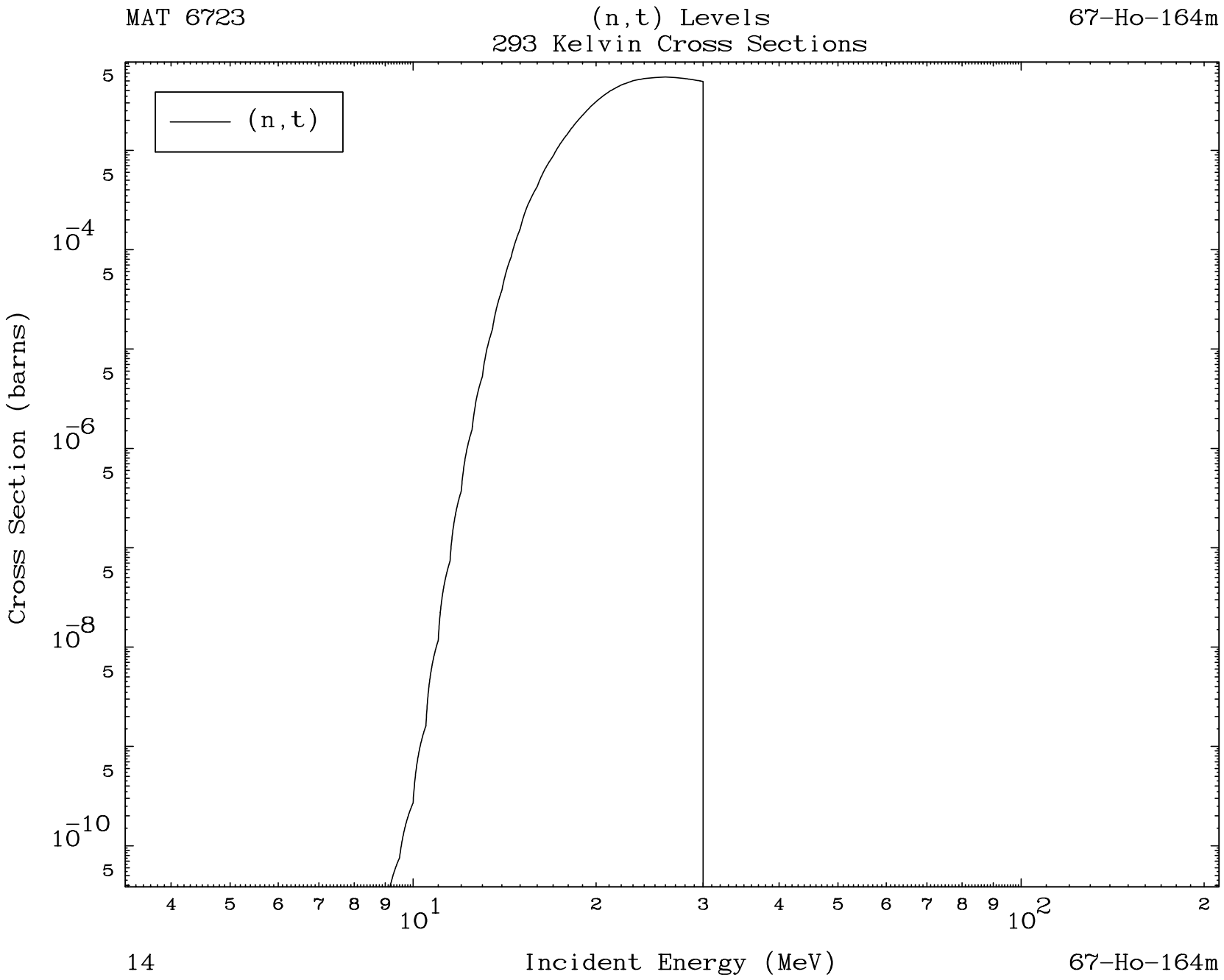

MAT 6723
(n,n') Levels
293 Kelvin Cross Sections
67-Ho-164m
Cross Section (barns)
Incident Energy (MeV)
Inelastic
MT= 59 (n,n') Level
MT= 60 (n,n') Level
MT= 61 (n,n') Level
MT= 62 (n,n') Level
MT= 63 (n,n') Level
MT= 64 (n,n') Level
MT= 65 (n,n') Level
MT= 66 (n,n') Level
9
67-Ho-164m

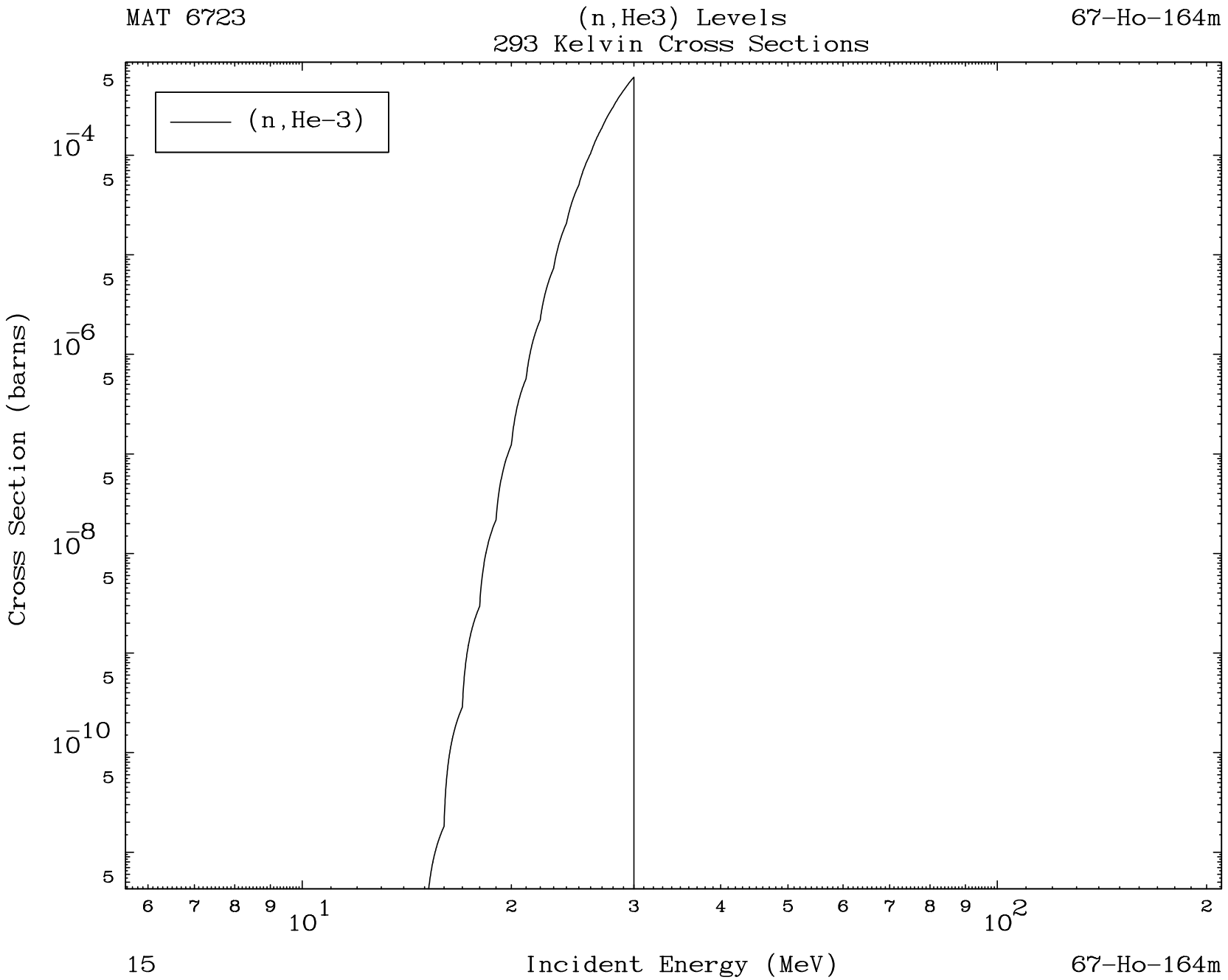

MAT 6723
(n,n') Levels
293 Kelvin Cross Sections
67-Ho-164m
Cross Section (barns)
Incident Energy (MeV)
Inelastic
MT= 67 (n,n') Level
MT= 68 (n,n') Level
MT= 69 (n,n') Level
MT= 70 (n,n') Level
MT= 71 (n,n') Level
MT= 72 (n,n') Level
MT= 73 (n,n') Level
MT= 74 (n,n') Level
10
67-Ho-164m

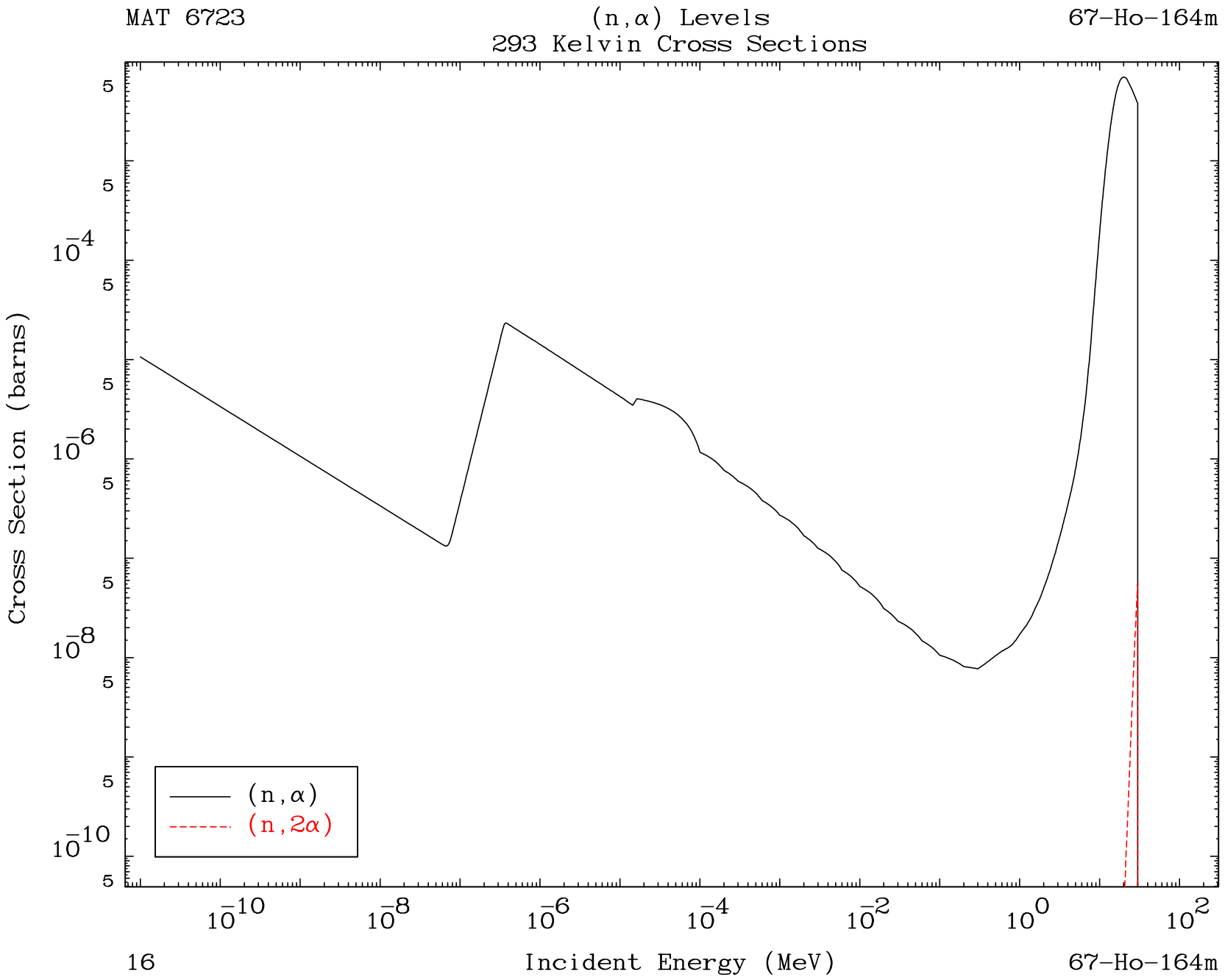

MAT 6723
(n,n') Levels
293 Kelvin Cross Sections
67-Ho-164m
Cross Section (barns)
Incident Energy (MeV)
Inelastic
MT= 75 (n,n') Level
MT= 76 (n,n') Level
MT= 77 (n,n') Level
MT= 78 (n,n') Level
MT= 79 (n,n') Level
MT= 80 (n,n') Level
(n,n') Continuum
11
67-Ho-164m

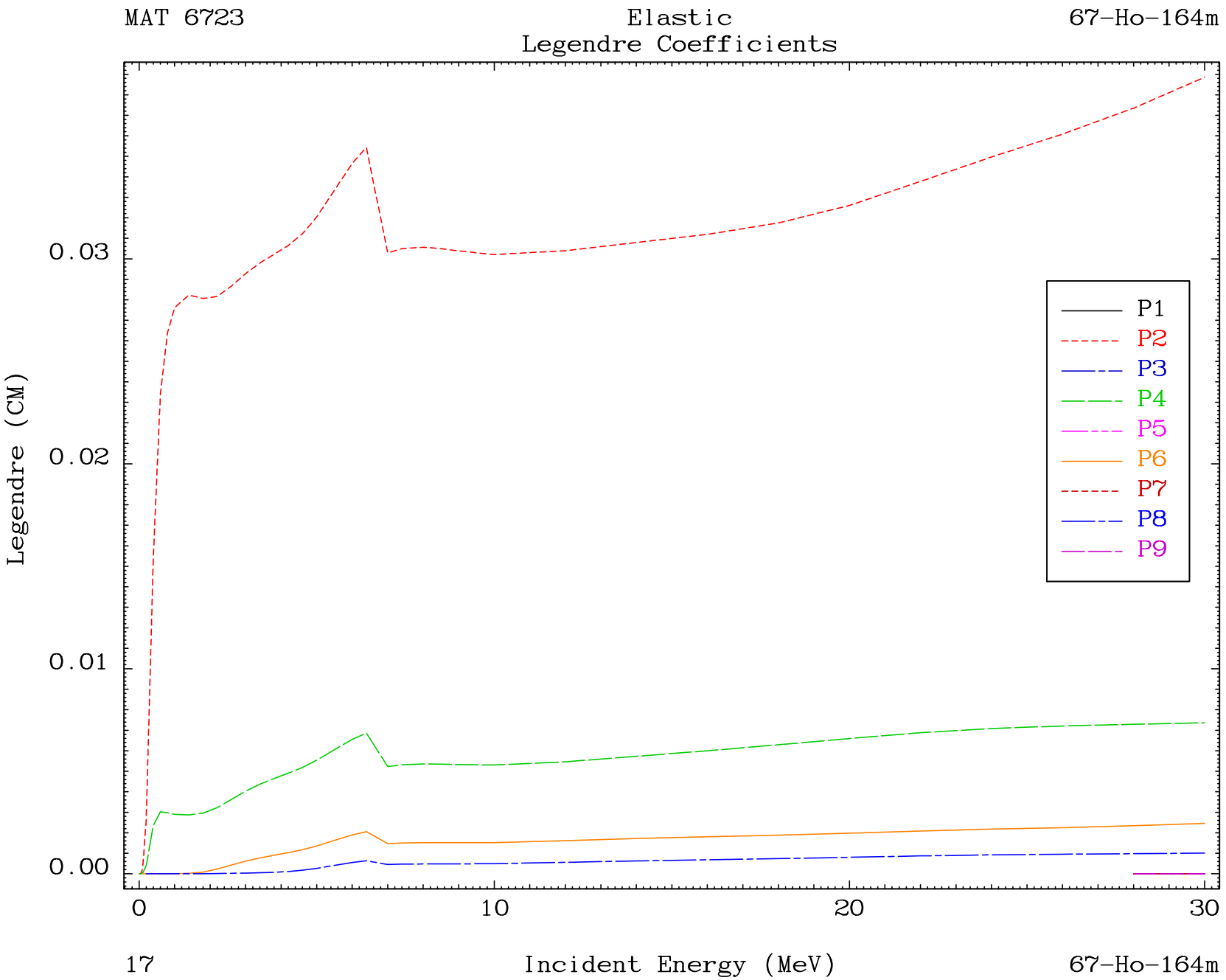

MAT 6723
(n,p) Levels
67-Ho-164m
293 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
10-10
10-8
10-6
10-4
10-2
100
102
12
Incident Energy (MeV)
67-Ho-164m

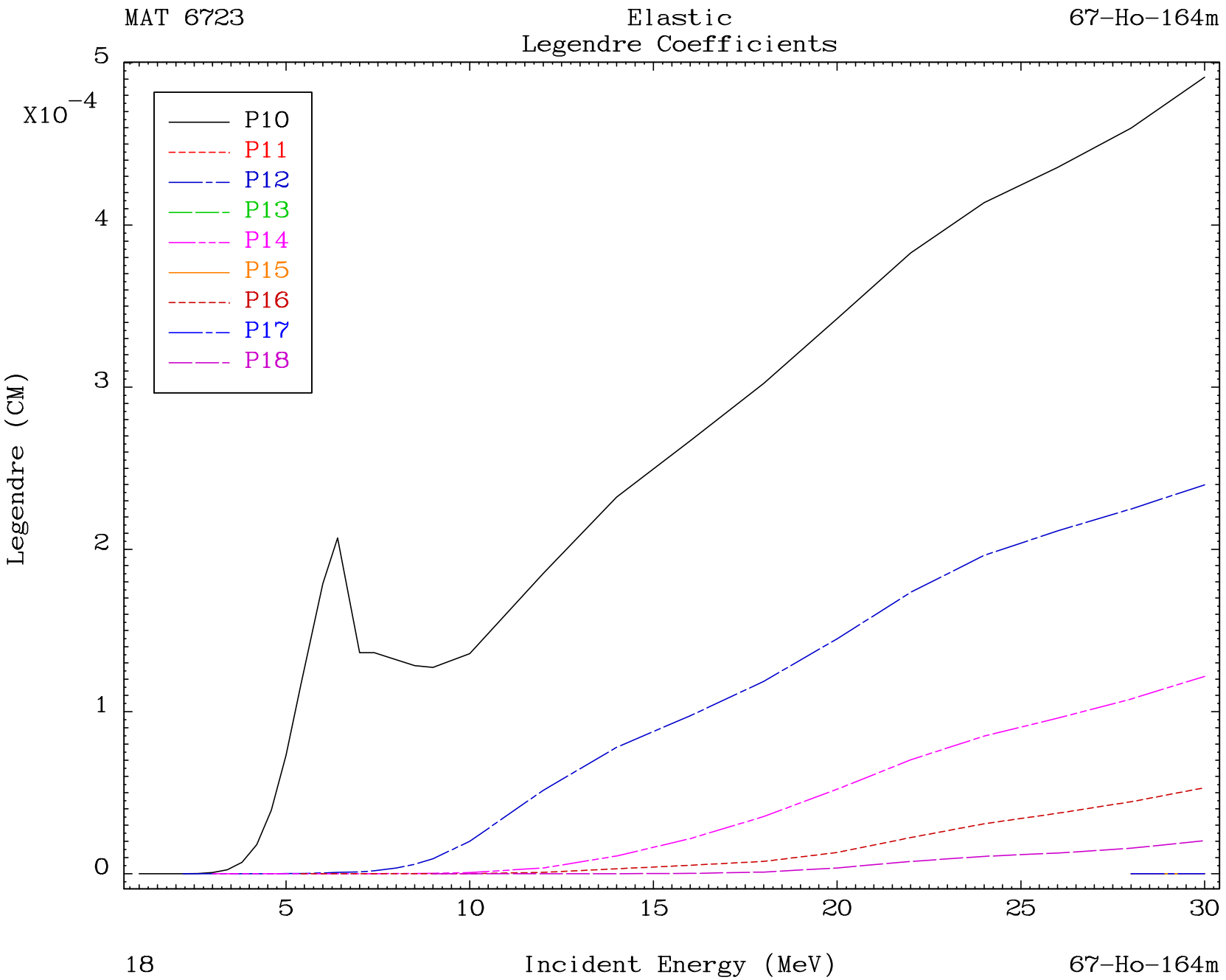

MAT 6723
(n,d) Levels
67-Ho-164m
293 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
13
67-Ho-164m

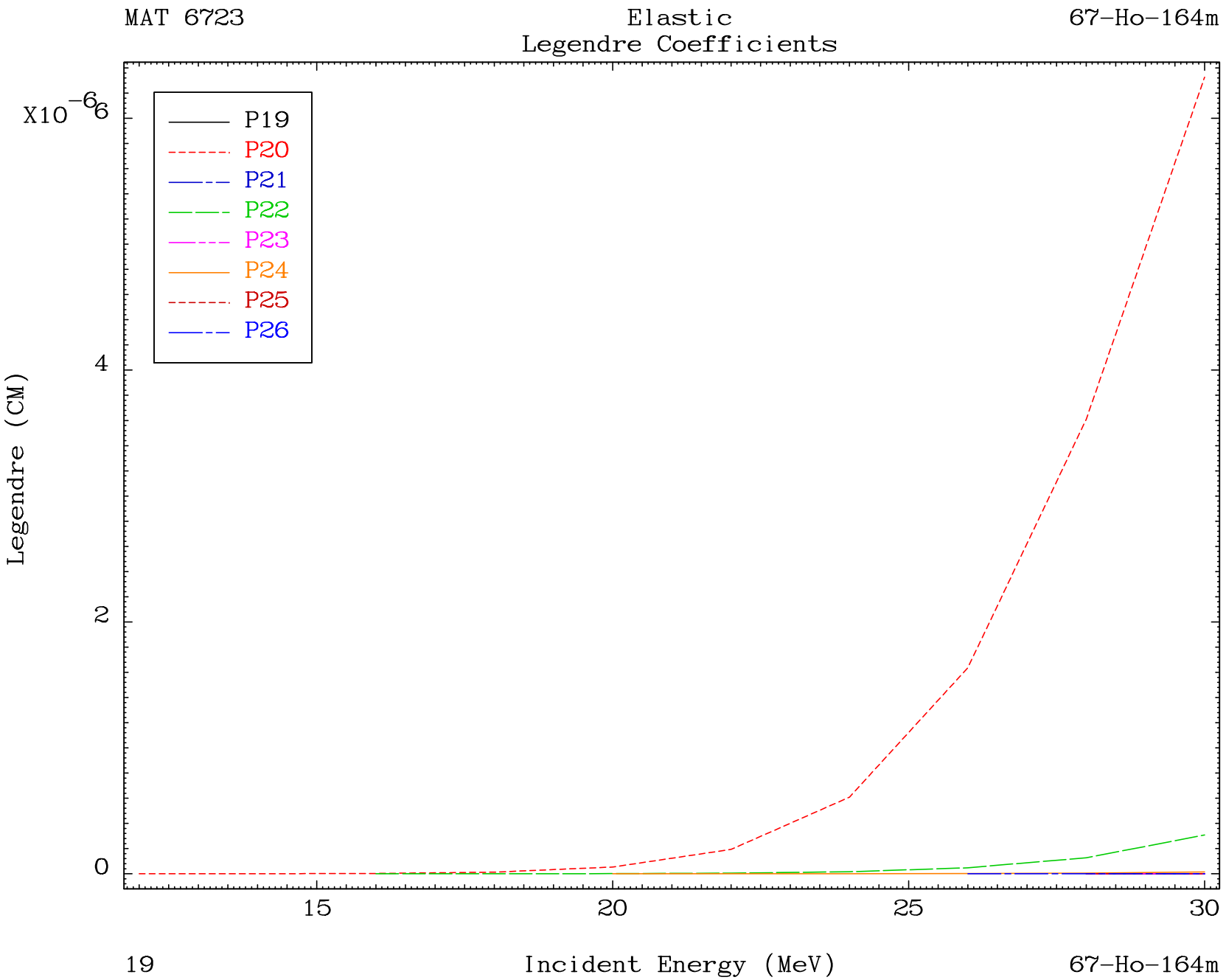

MAT 6723
(n,t) Levels
67-Ho-164m
293 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-164m

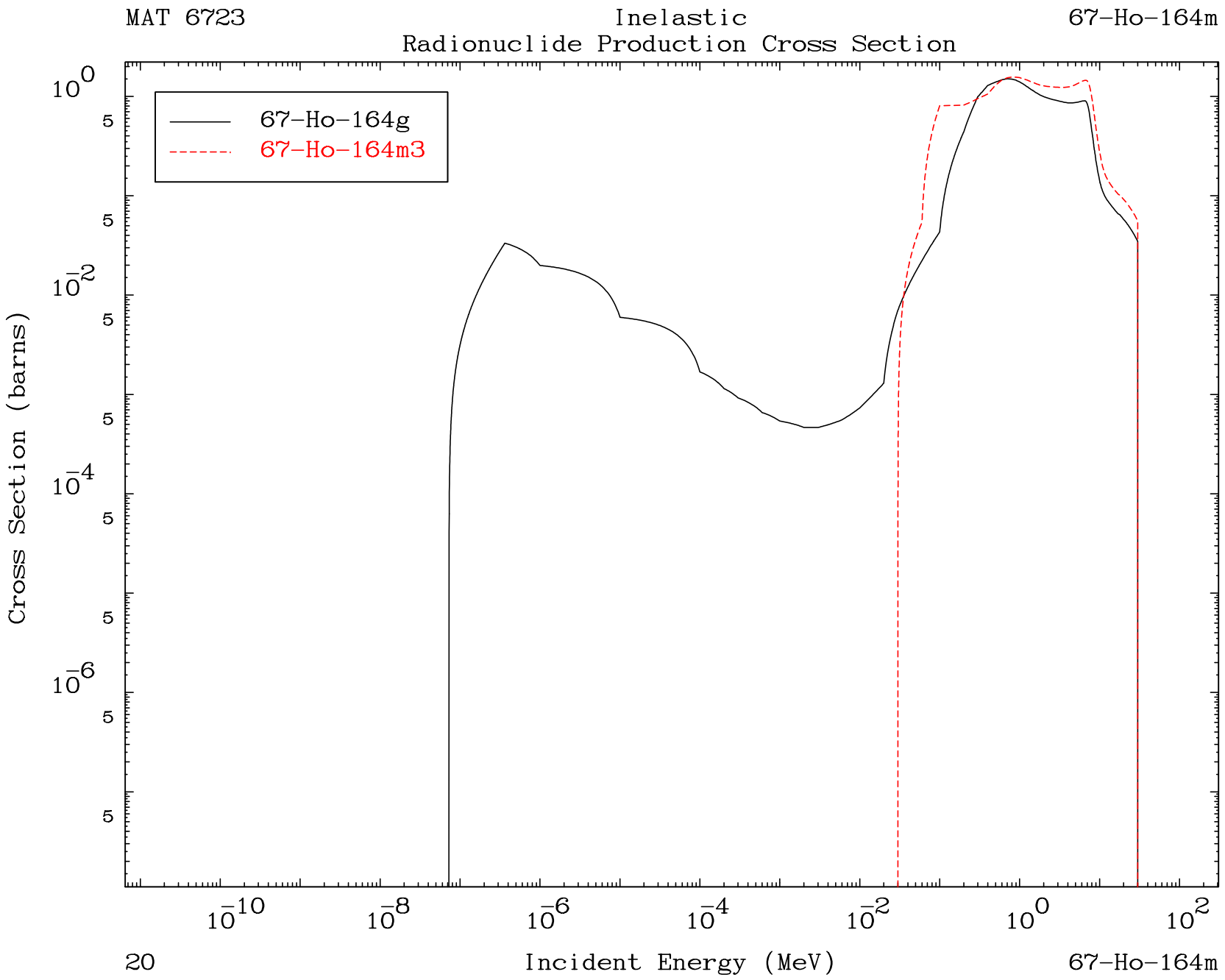

MAT 6723
(n,He3) Levels
67-Ho-164m
293 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
15
67-Ho-164m

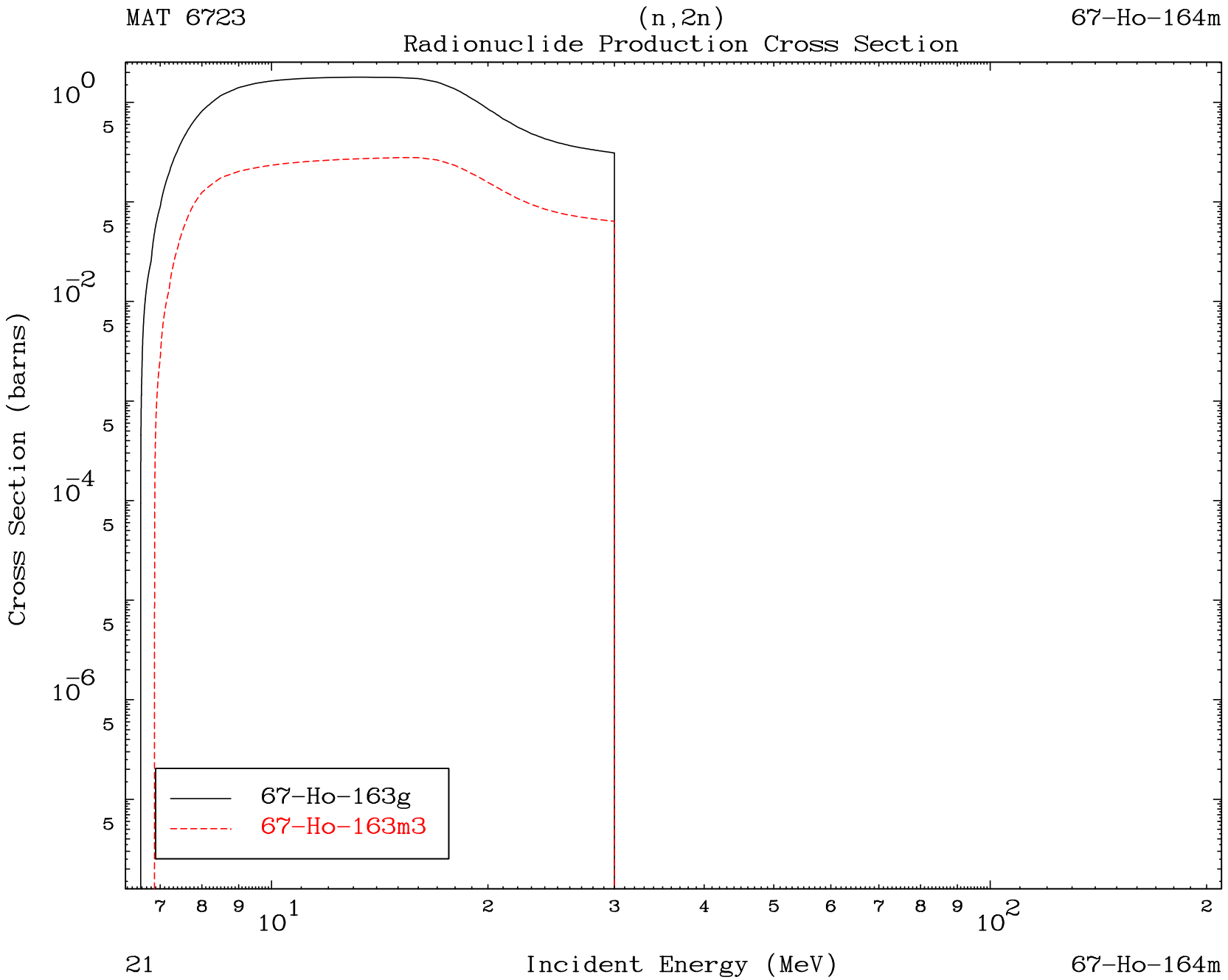

MAT 6723
(n,α) Levels
67-Ho-164m
293 Kelvin Cross Sections
Cross Section (barns)
Incident Energy (MeV)
(n,α)
(n,2α)
16
67-Ho-164m

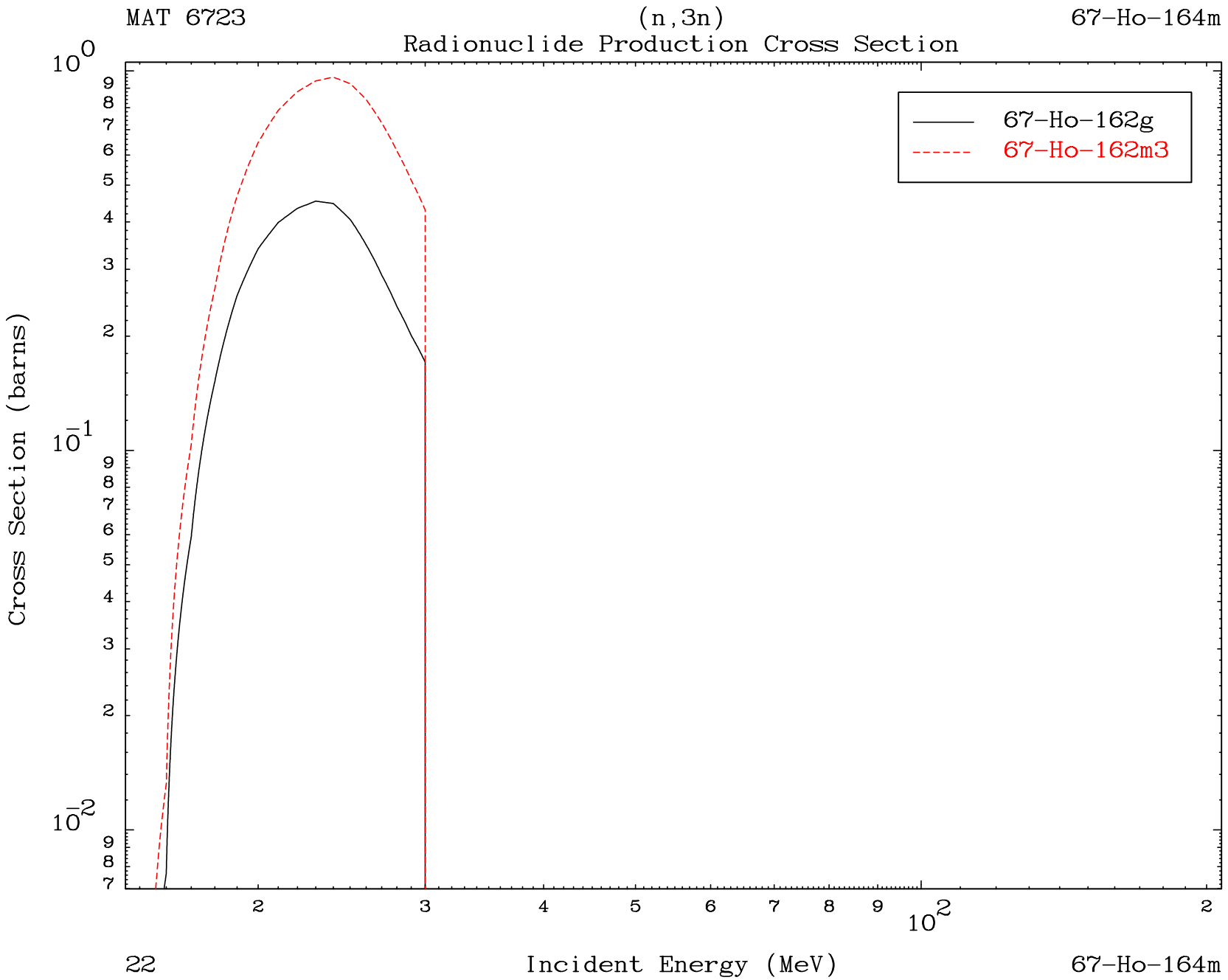

MAT 6723
Elastic
Legendre Coefficients
67-Ho-164m
Legendre (CM)
0.03
0.02
0.01
0.00
0
10
20
30
17
Incident Energy (MeV)
67-Ho-164m
P1
P2
P3
P4
P5
P6
P7
P8
P9

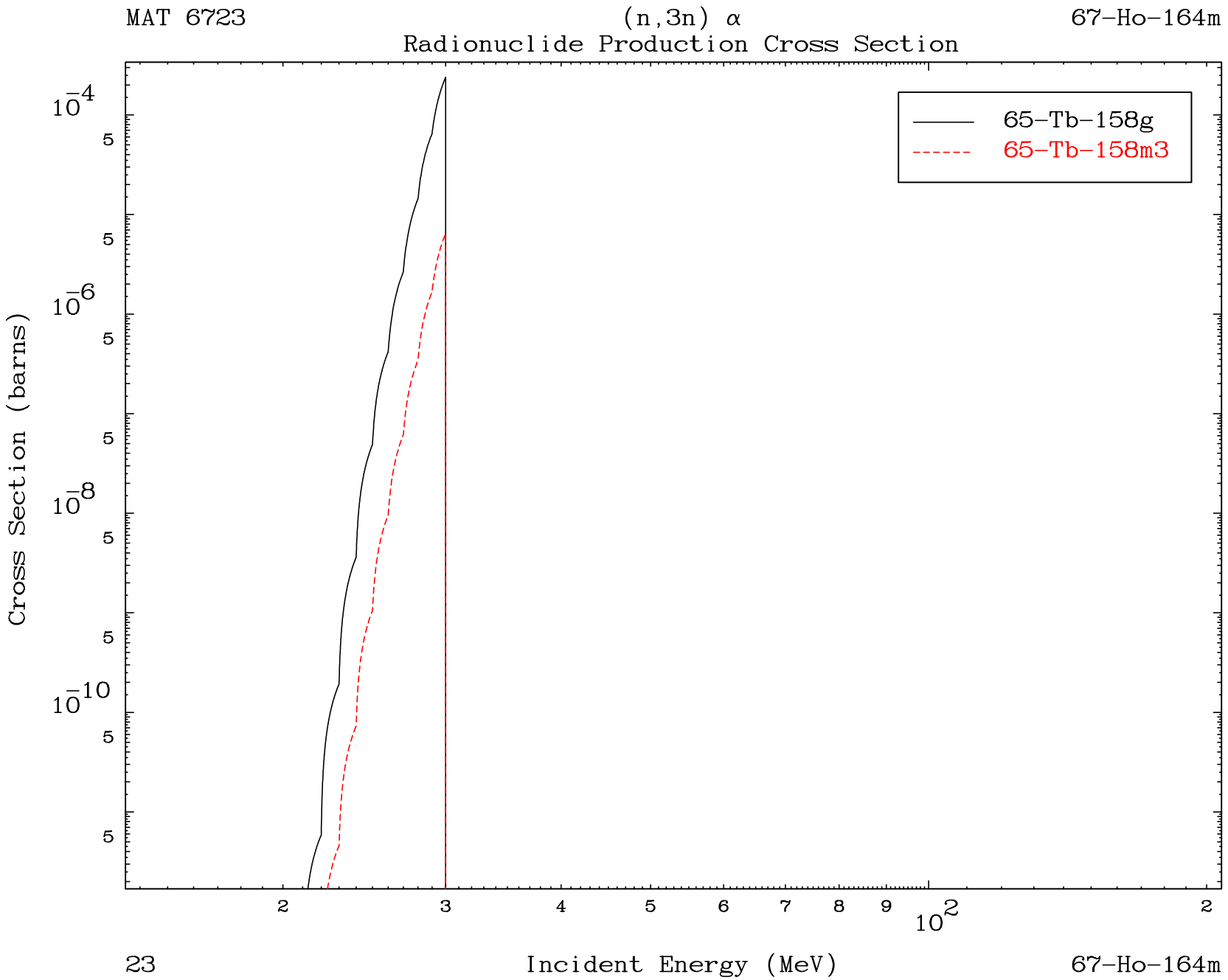

MAT 6723
Elastic
Legendre Coefficients
67-Ho-164m
X10^-4
5
4
3
2
1
0
Legendre (CM)
P10
P11
P12
P13
P14
P15
P16
P17
P18
5
10
15
20
25
30
18
Incident Energy (MeV)
67-Ho-164m

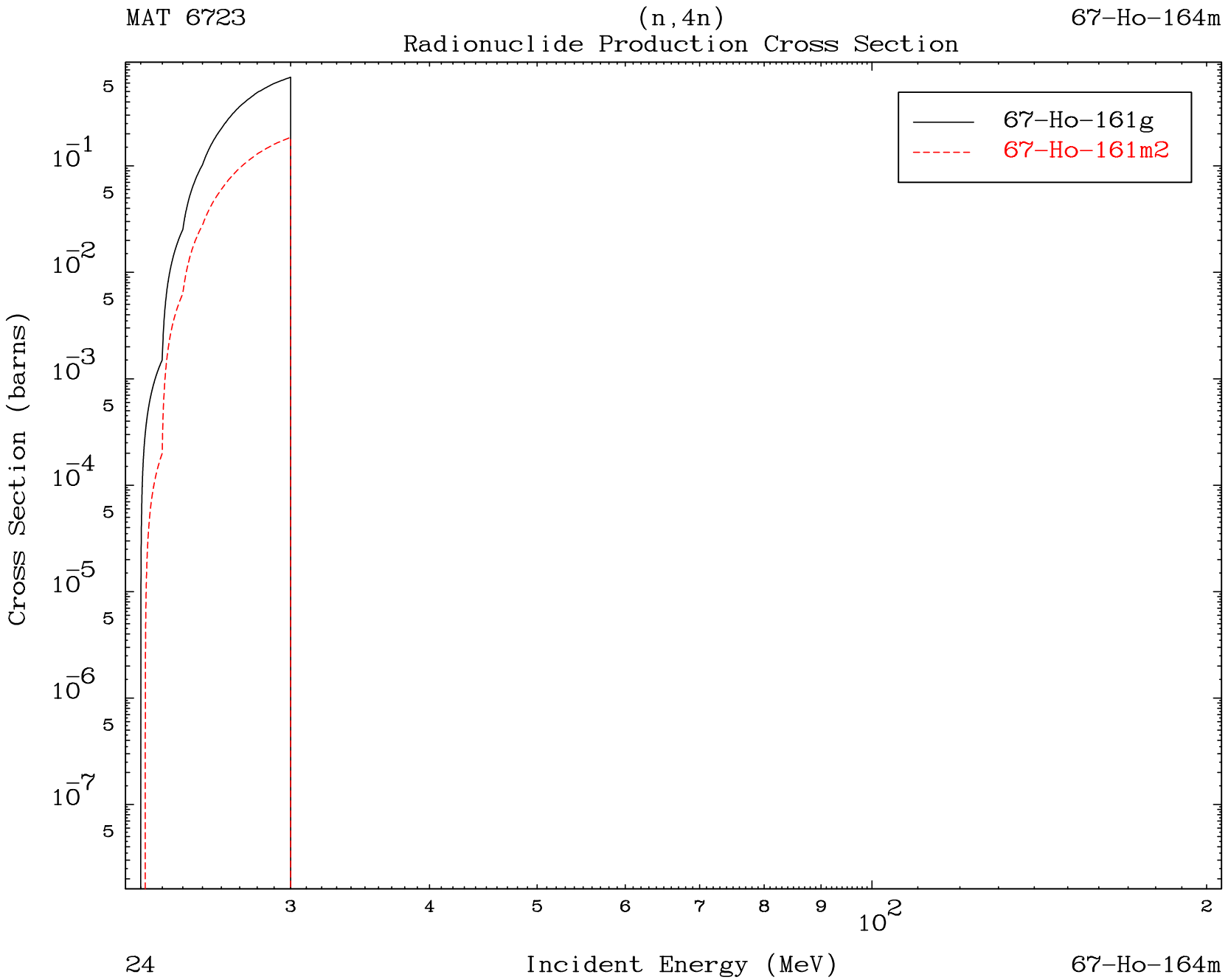

MAT 6723
Elastic
Legendre Coefficients
67-Ho-164m
X10 -6
6
4
2
0
Legendre (CM)
P19
P20
P21
P22
P23
P24
P25
P26
15
20
25
30
19
Incident Energy (MeV)
67-Ho-164m


MAT 6723
Inelastic
67-Ho-164m
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
20
67-Ho-164m


MAT 6723
(n,2n)
67-Ho-164m
Radionuclide Production Cross Section
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
67-Ho-163g
67-Ho-163m3
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
21
Incident Energy (MeV)
67-Ho-164m


MAT 6723
(n,3n)
67-Ho-164m
Radionuclide Production Cross Section
67-Ho-162g
67-Ho-162m3
Cross Section (barns)
Incident Energy (MeV)
22
67-Ho-164m


MAT 6723
(n,3n) α
67-Ho-164m
Radionuclide Production Cross Section
65-Tb-158g
65-Tb-158m3
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
23
67-Ho-164m


MAT 6723
(n,4n)
67-Ho-164m
Radionuclide Production Cross Section
67-Ho-161g
67-Ho-161m2
Cross Section (barns)
Incident Energy (MeV)
24
67-Ho-164m