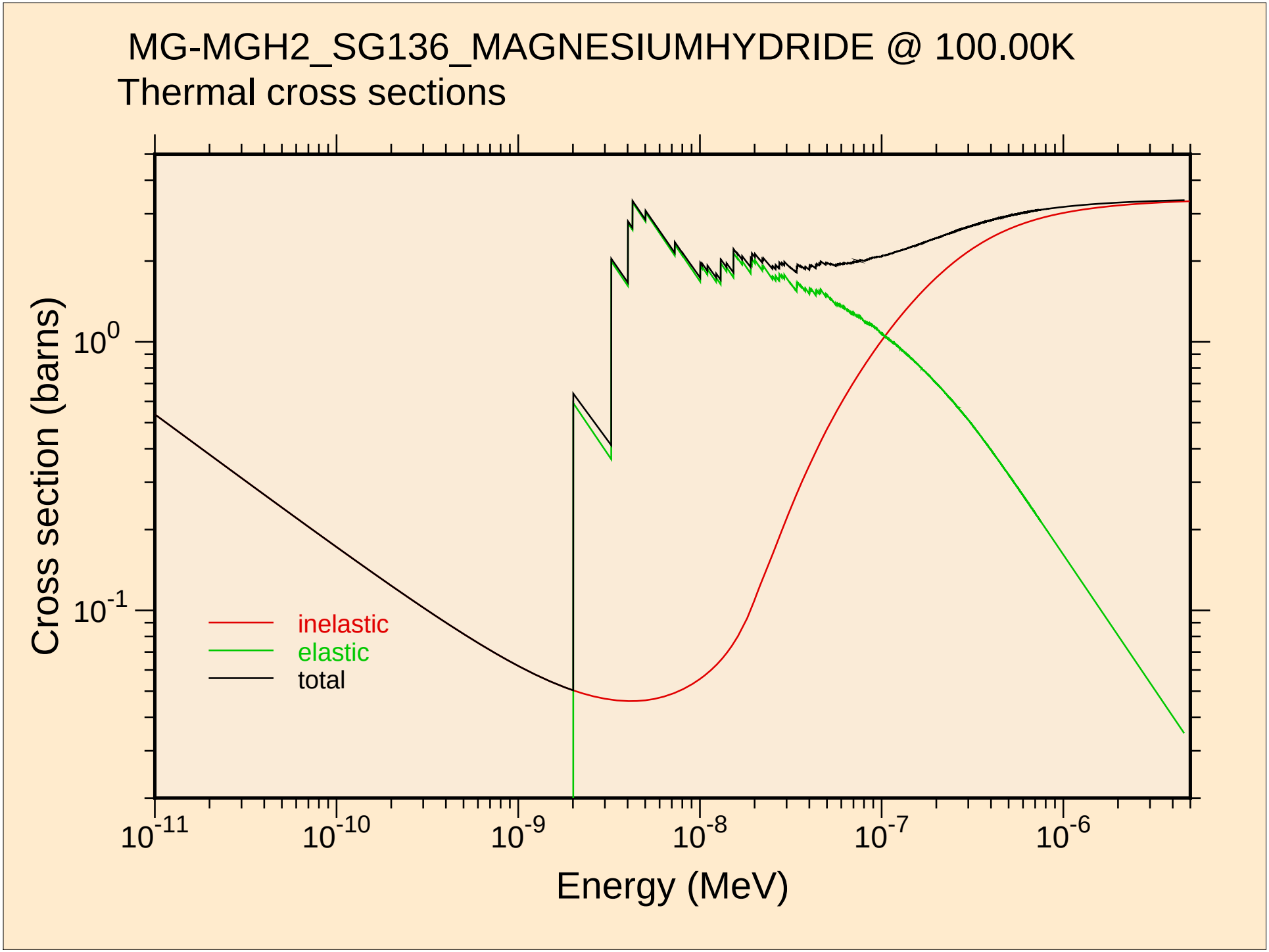
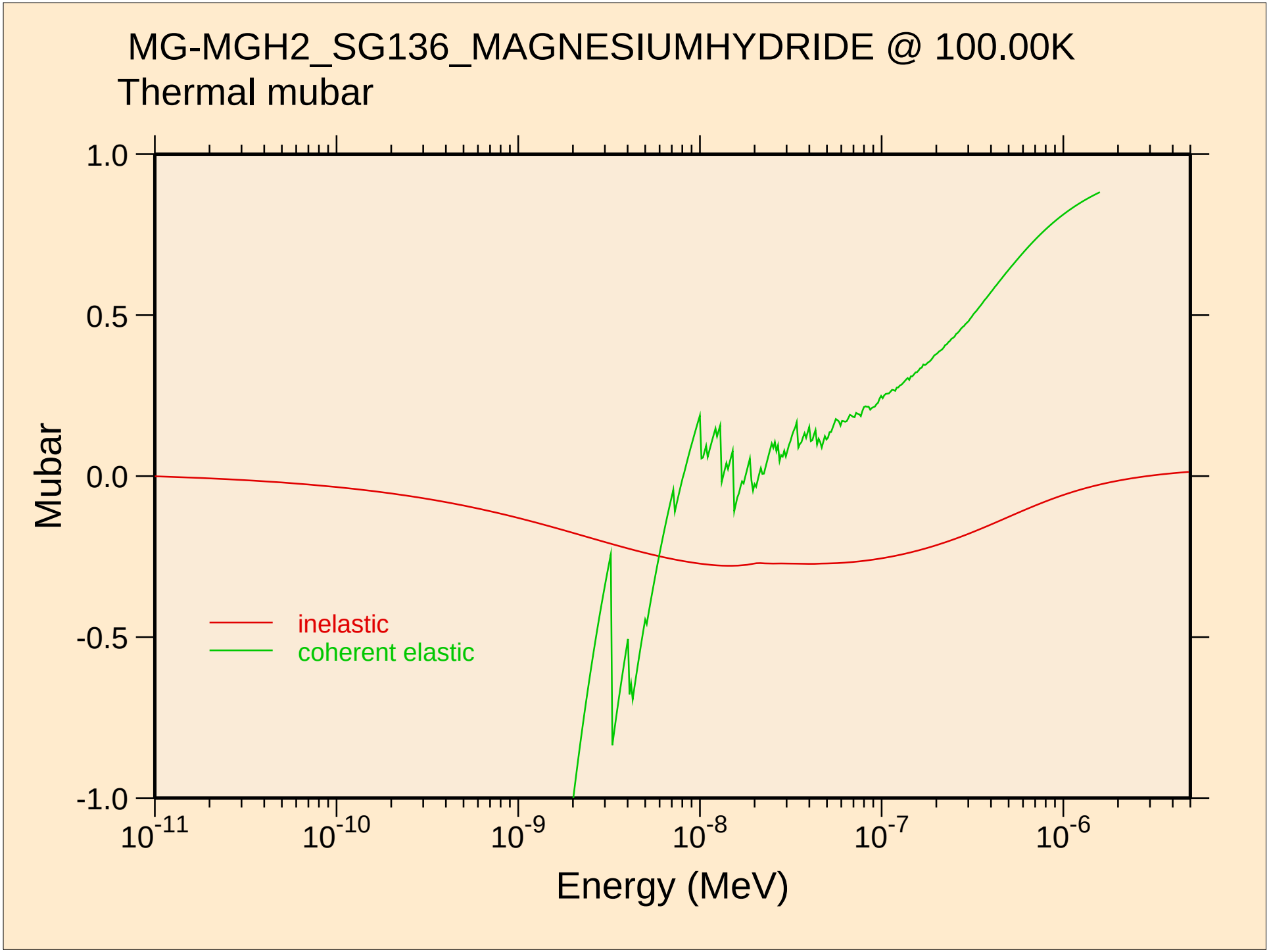
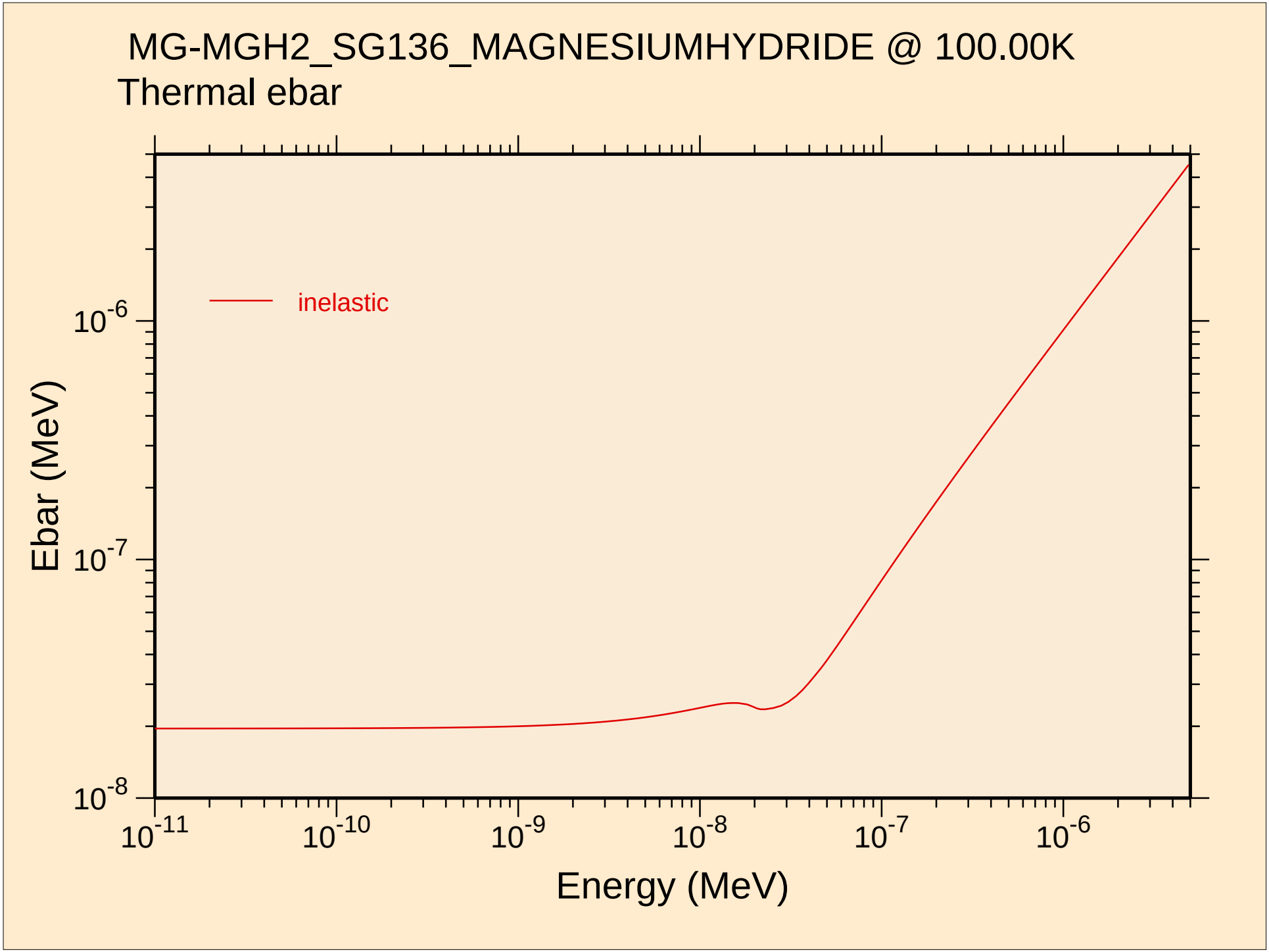
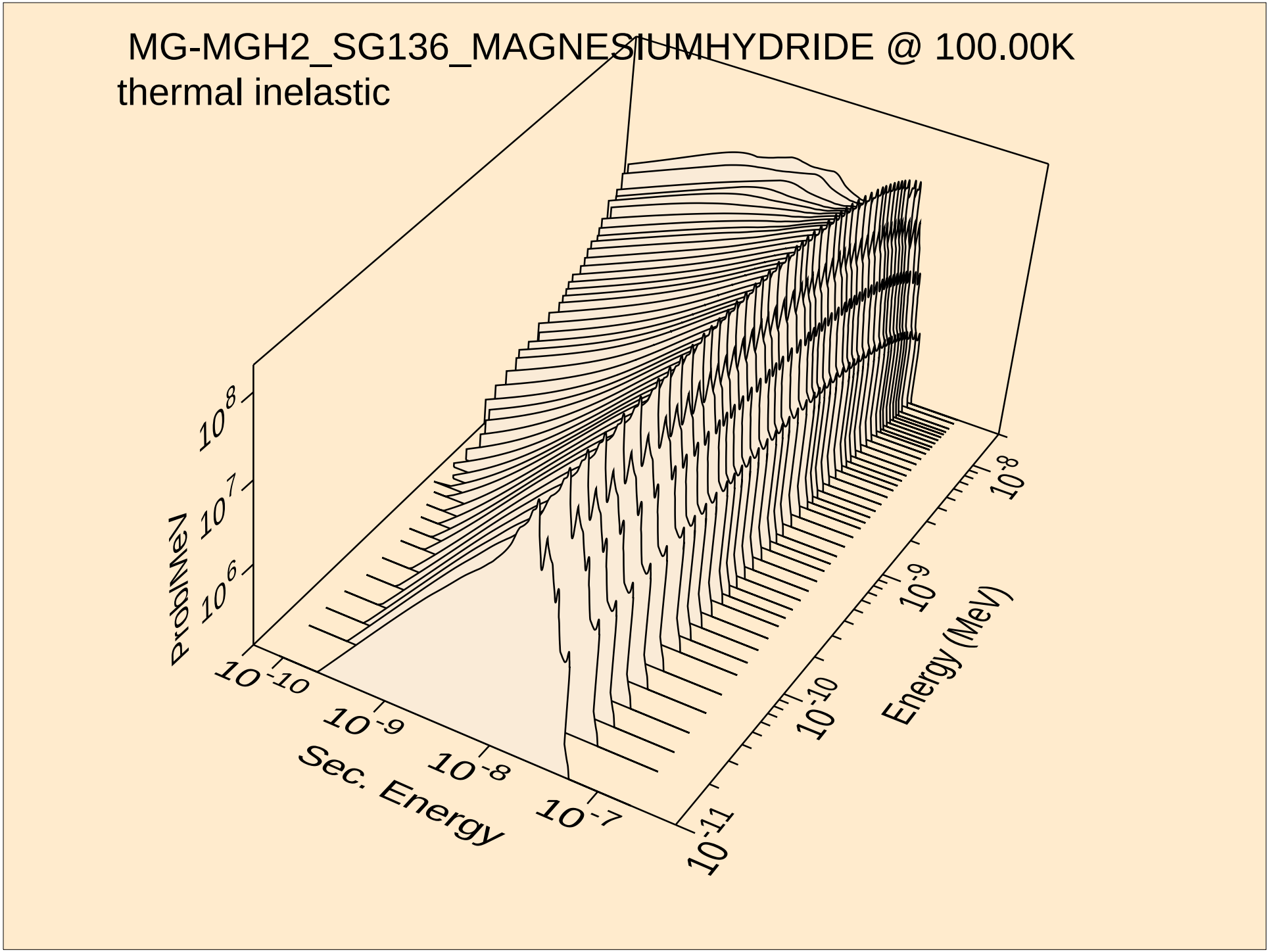
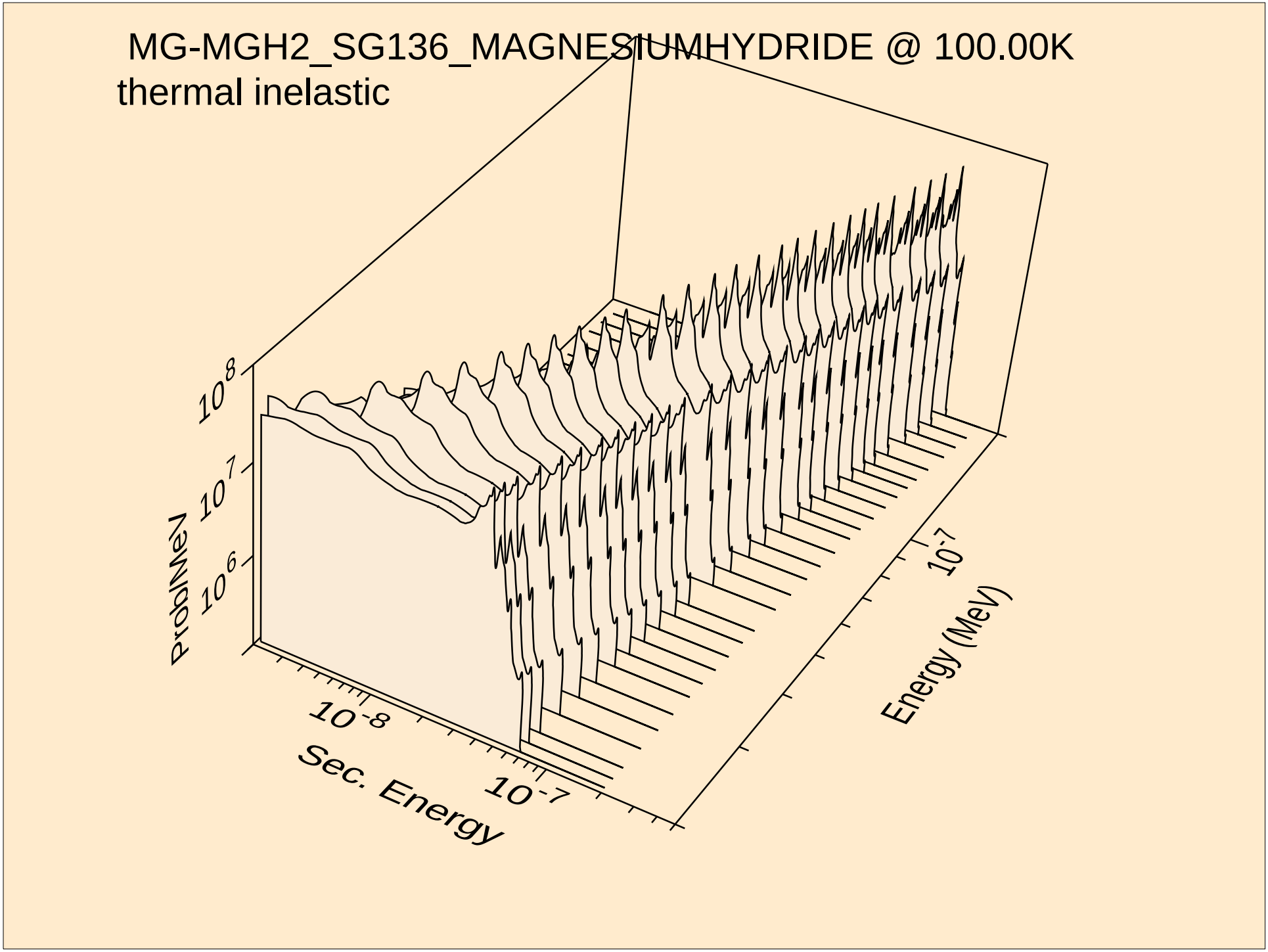
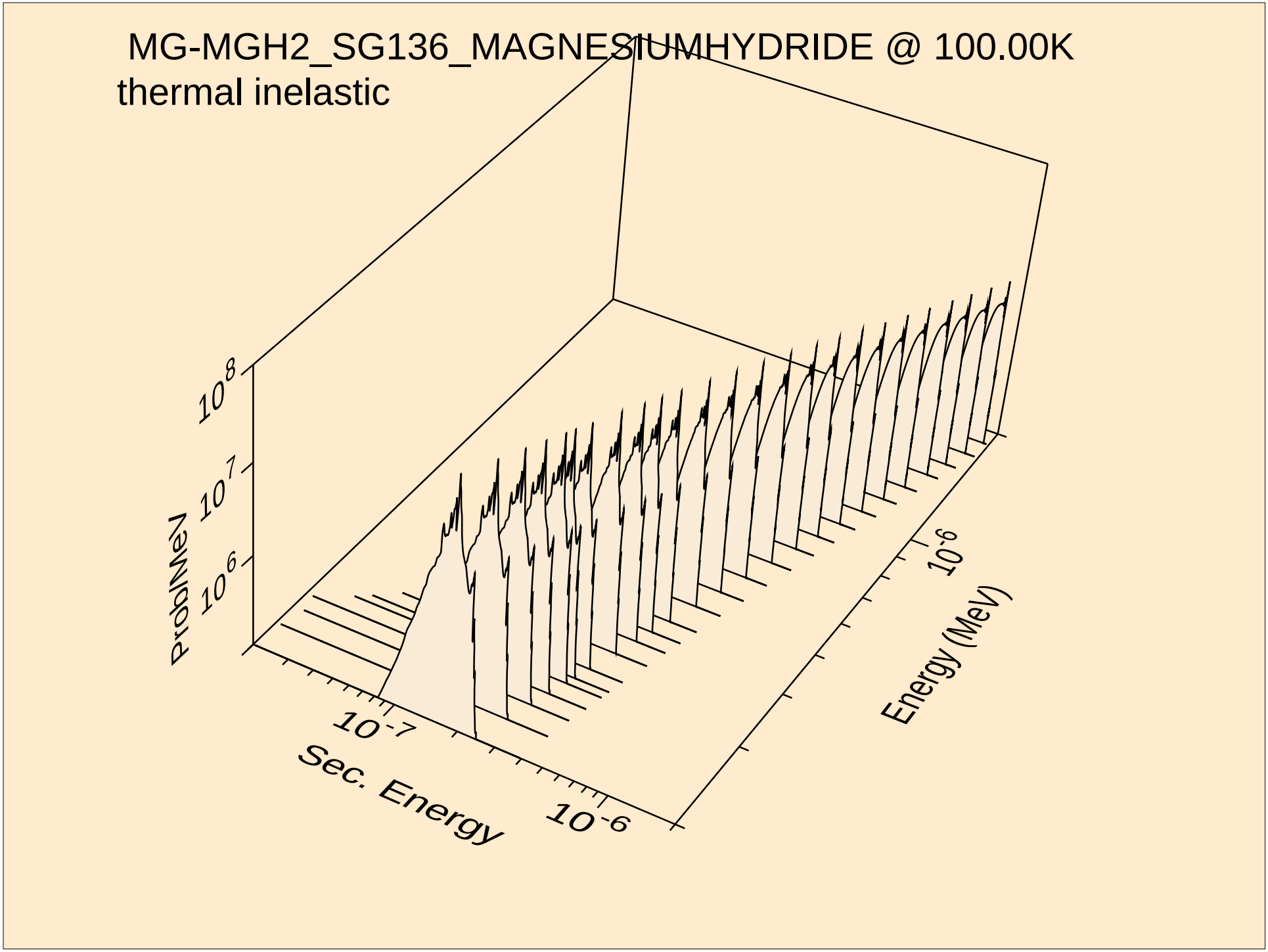

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
Thermal cross sections
Cross section (barns)
10^0
10^-1
inelastic
elastic
total
10^-11
10^-10
10^-9
10^-8
10^-7
10^-6
Energy (MeV)

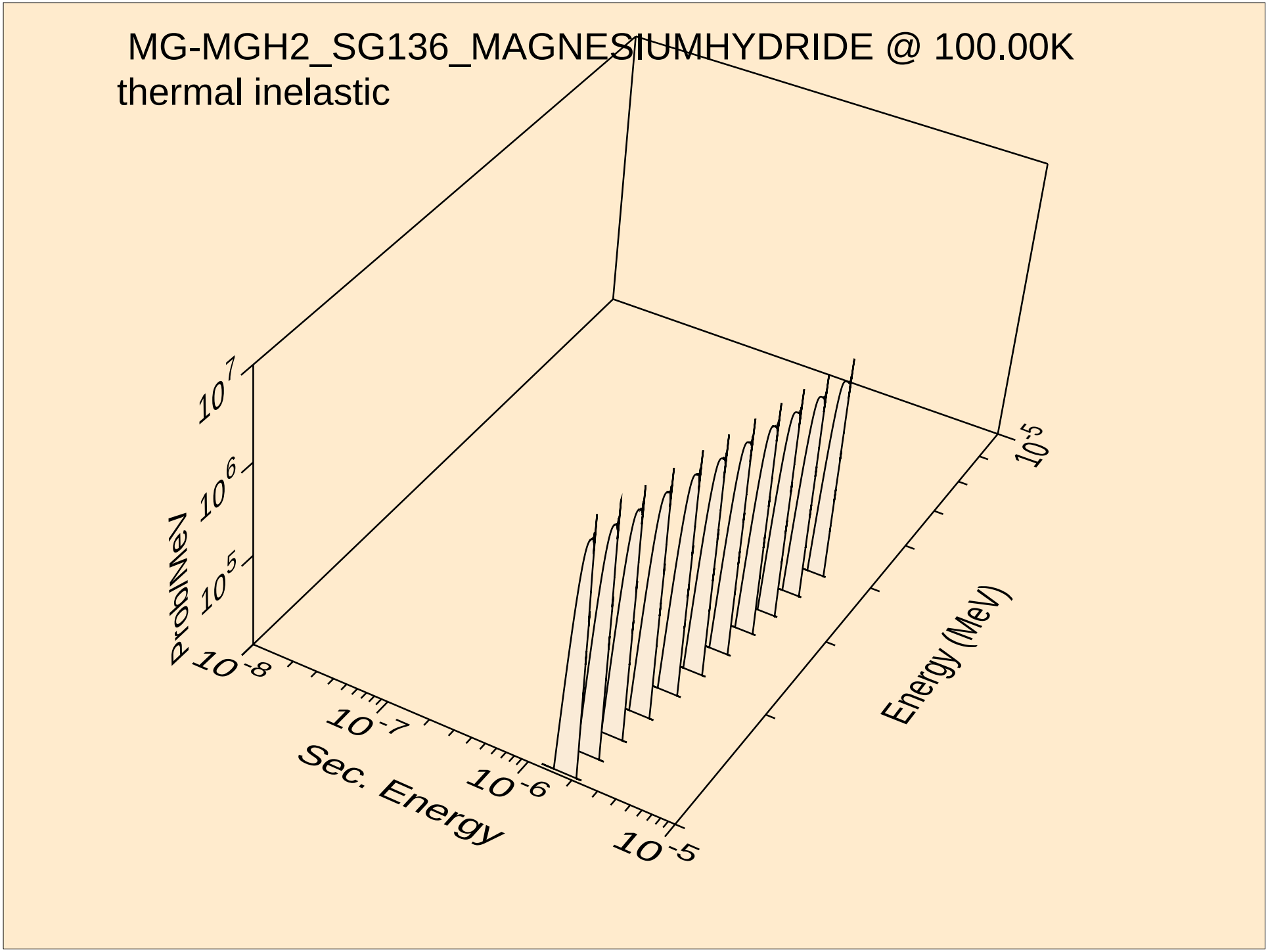

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
Thermal mubar
1.0
0.5
0.0
-0.5
-1.0
Mubar
inelastic
coherent elastic
10-11
10-10
10-9
10-8
10-7
10-6
Energy (MeV)

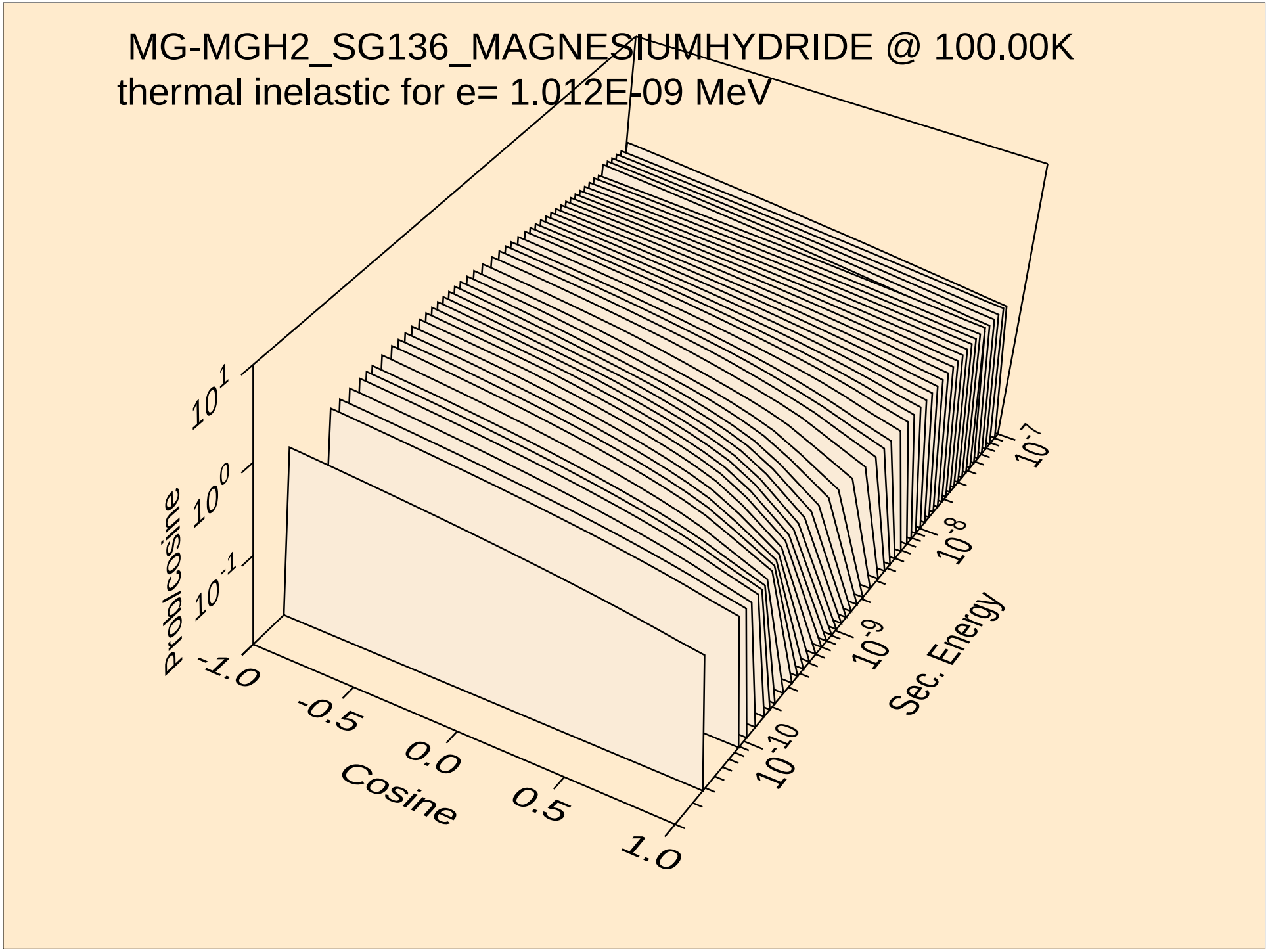

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
Thermal ebar
inelastic
Ebar (MeV)
10-6
10-7
10-8
10-11
10-10
10-9
10-8
10-7
10-6
Energy (MeV)

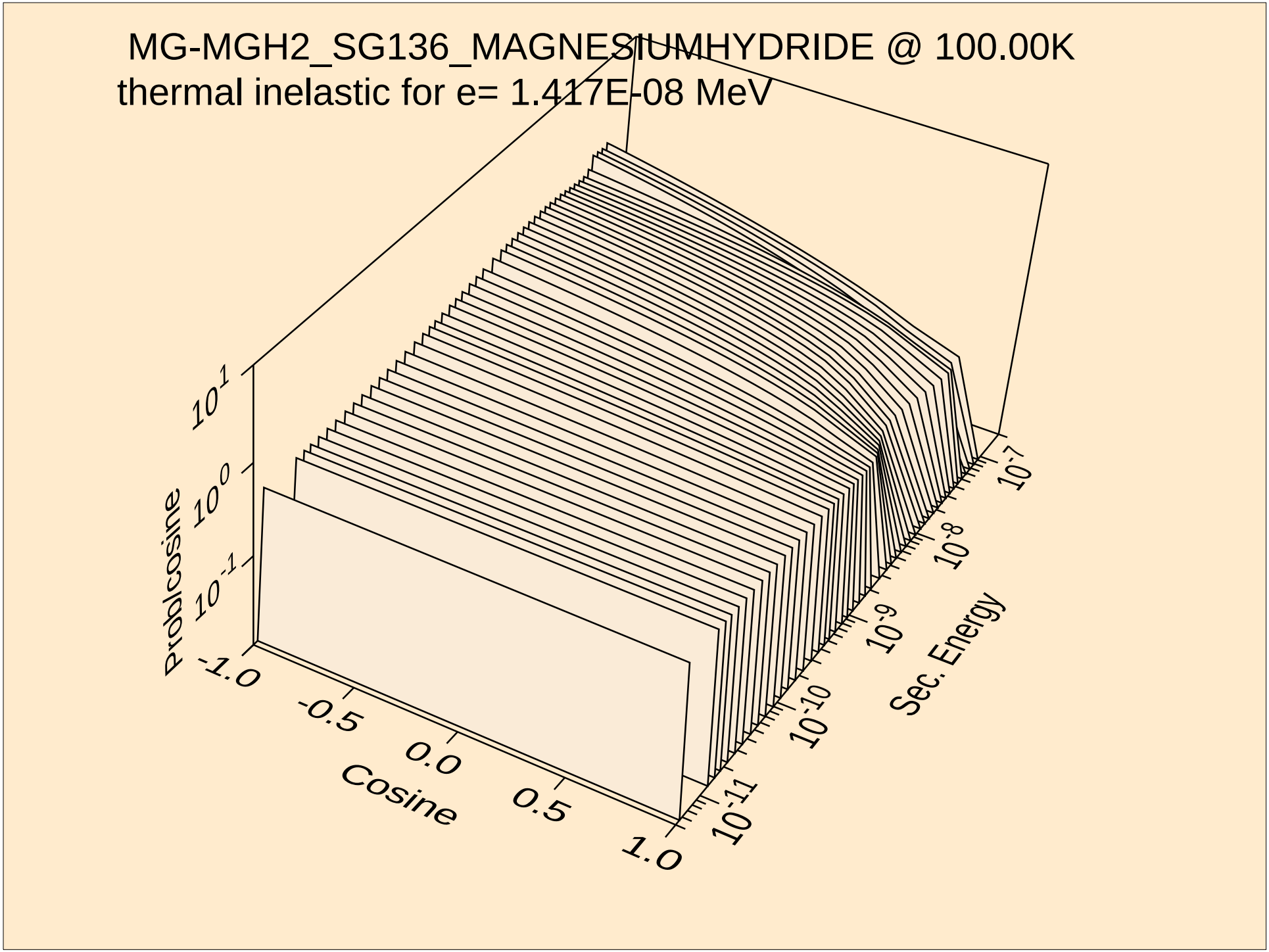

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic
Prob/MeV
10^8
10^7
10^6
10^-10
10^-9
10^-8
10^-7
Sec. Energy
10^-8
10^-9
10^-10
10^-11
Energy (MeV)

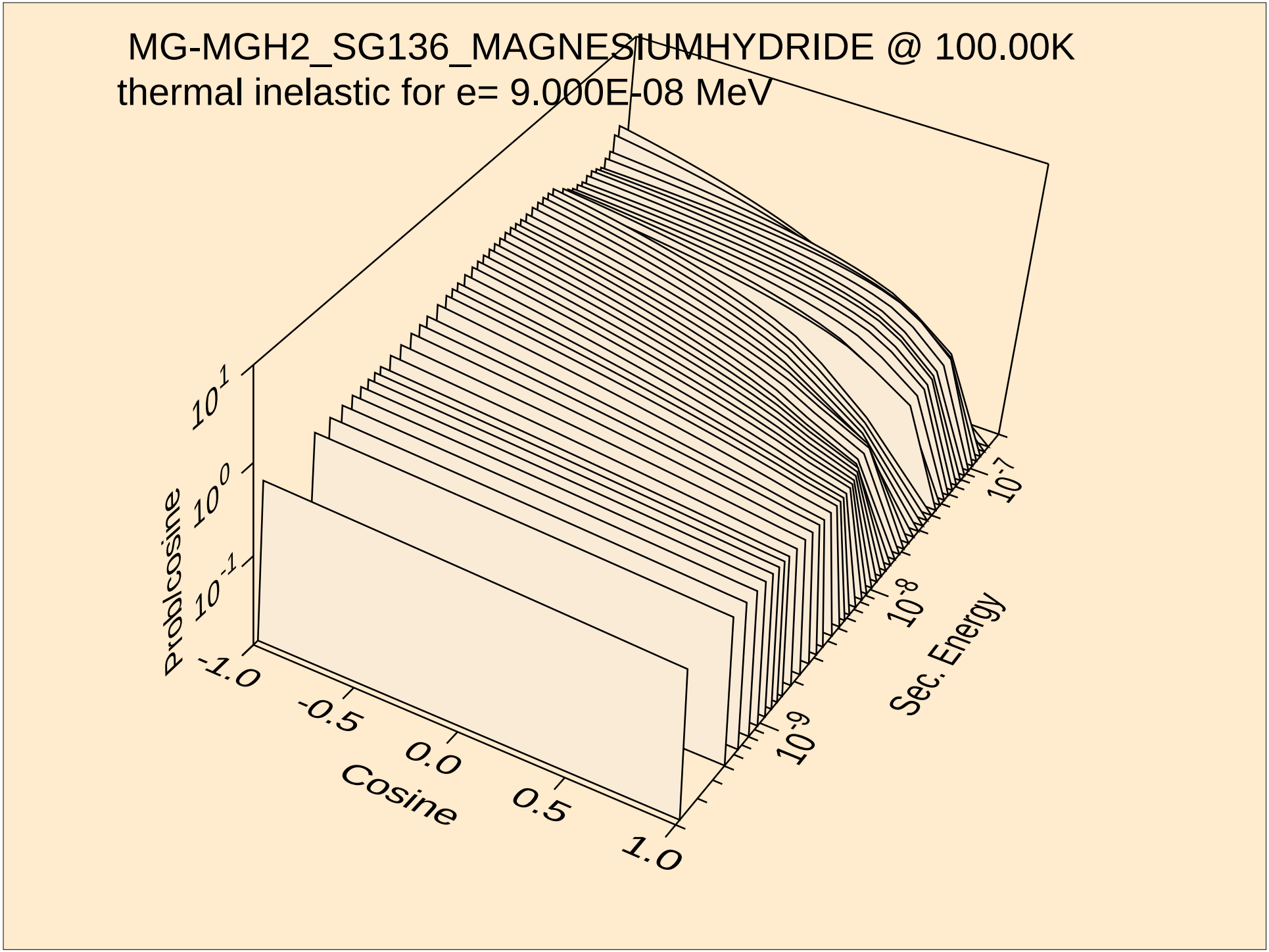

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic
Prob(MeV)
10^8
10^7
10^6
10^-8
Sec. Energy
10^-7
10^-7
Energy (MeV)

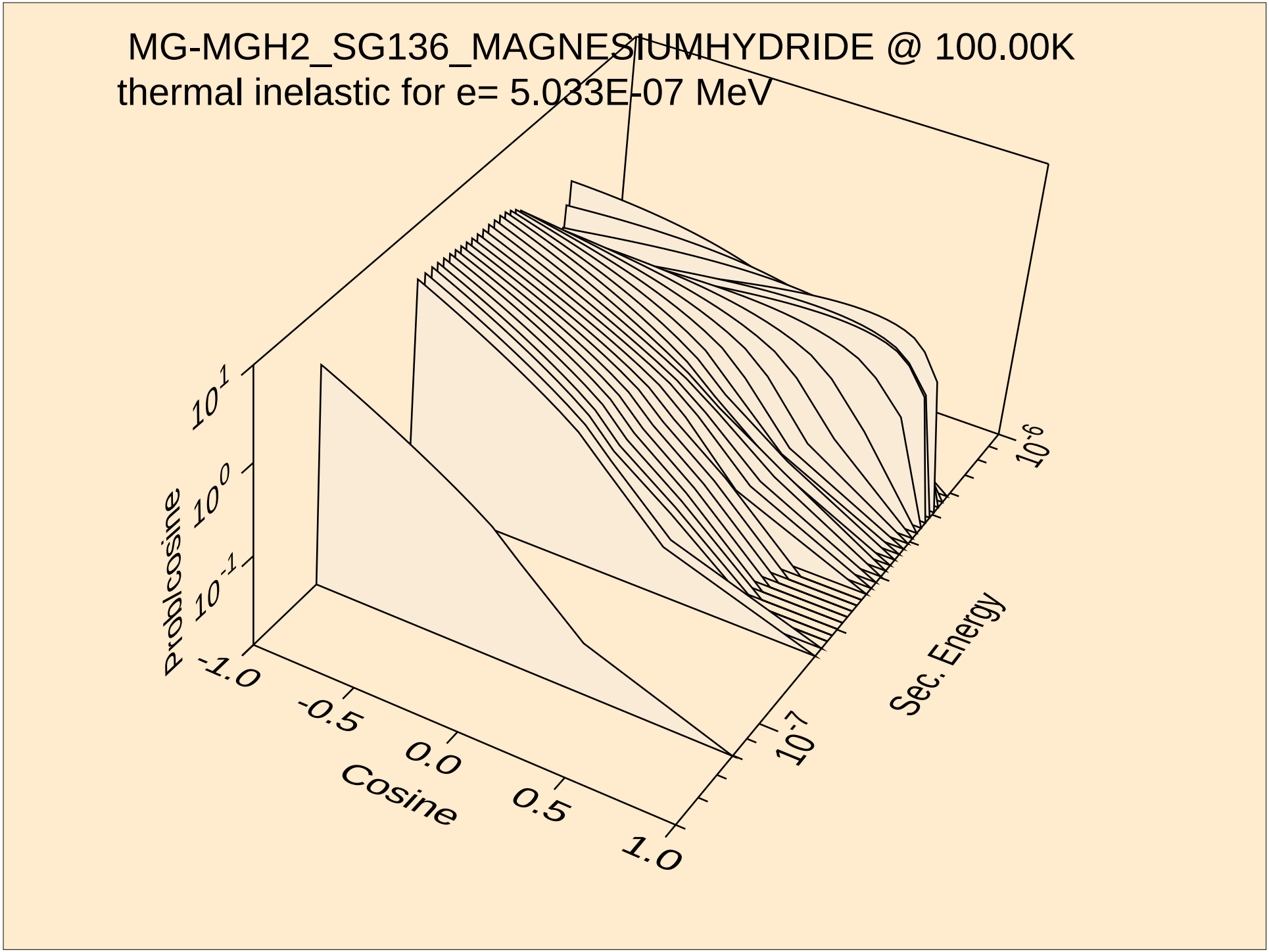

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic
Prob/MeV
10^8
10^7
10^6
10^-7
Sec. Energy
10^-6
10^-6
Energy (MeV)

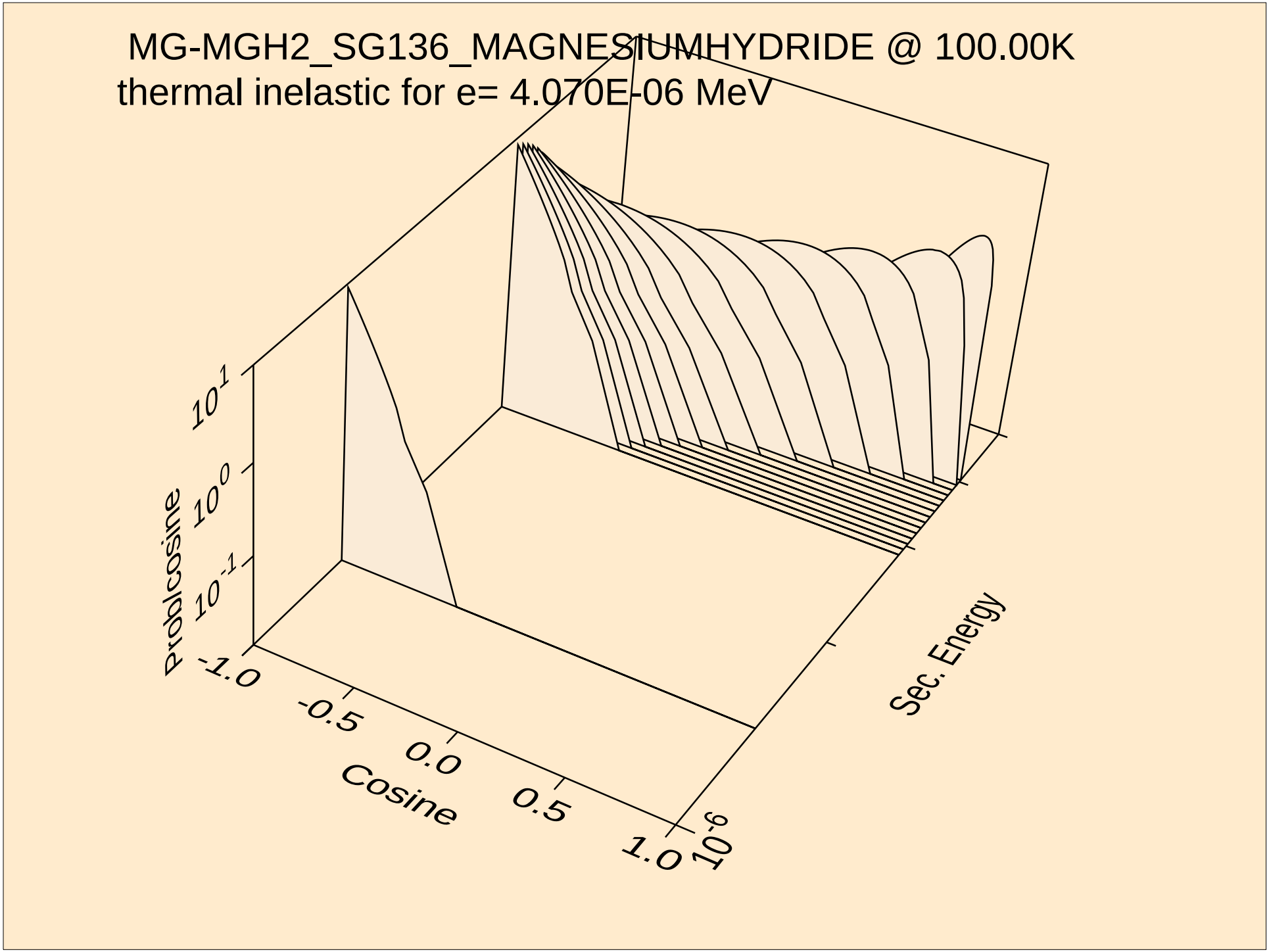

MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic
Prob/MeV
10^7
10^6
10^5
10^-8
10^-7
10^-6
10^-5
Sec. Energy
Energy (MeV)
10^-5


MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic for e= 1.012E-09 MeV
Probcosine
10^1
10^0
10^-1
-1.0
-0.5
0.0
0.5
1.0
Cosine
10^-10
10^-9
10^-8
10^-7
Sec. Energy


MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic for e= 1.417E-08 MeV
Probcosine
10^1
10^0
10^-1
-1.0
-0.5
0.0
0.5
1.0
Cosine
10^-11
10^-10
10^-9
10^-8
10^-7
Sec. Energy


MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic for e= 9.000E-08 MeV
Prob\cosine
10^1
10^0
10^-1
-1.0
-0.5
0.0
0.5
1.0
Cosine
10^-9
10^-8
10^-7
Sec. Energy


MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic for e= 5.033E-07 MeV
Prob/cosine
10^1
10^0
10^-1
-1.0
-0.5
0.0
0.5
1.0
Cosine
10^-7
10^-6
Sec. Energy


MG-MGH2_SG136_MAGNESIUMHYDRIDE @ 100.00K
thermal inelastic for e= 4.070E-06 MeV
Prob\cosine
10^1
10^0
10^-1
-1.0
-0.5
0.0
0.5
1.0
Cosine
10^-6
Sec. Energy