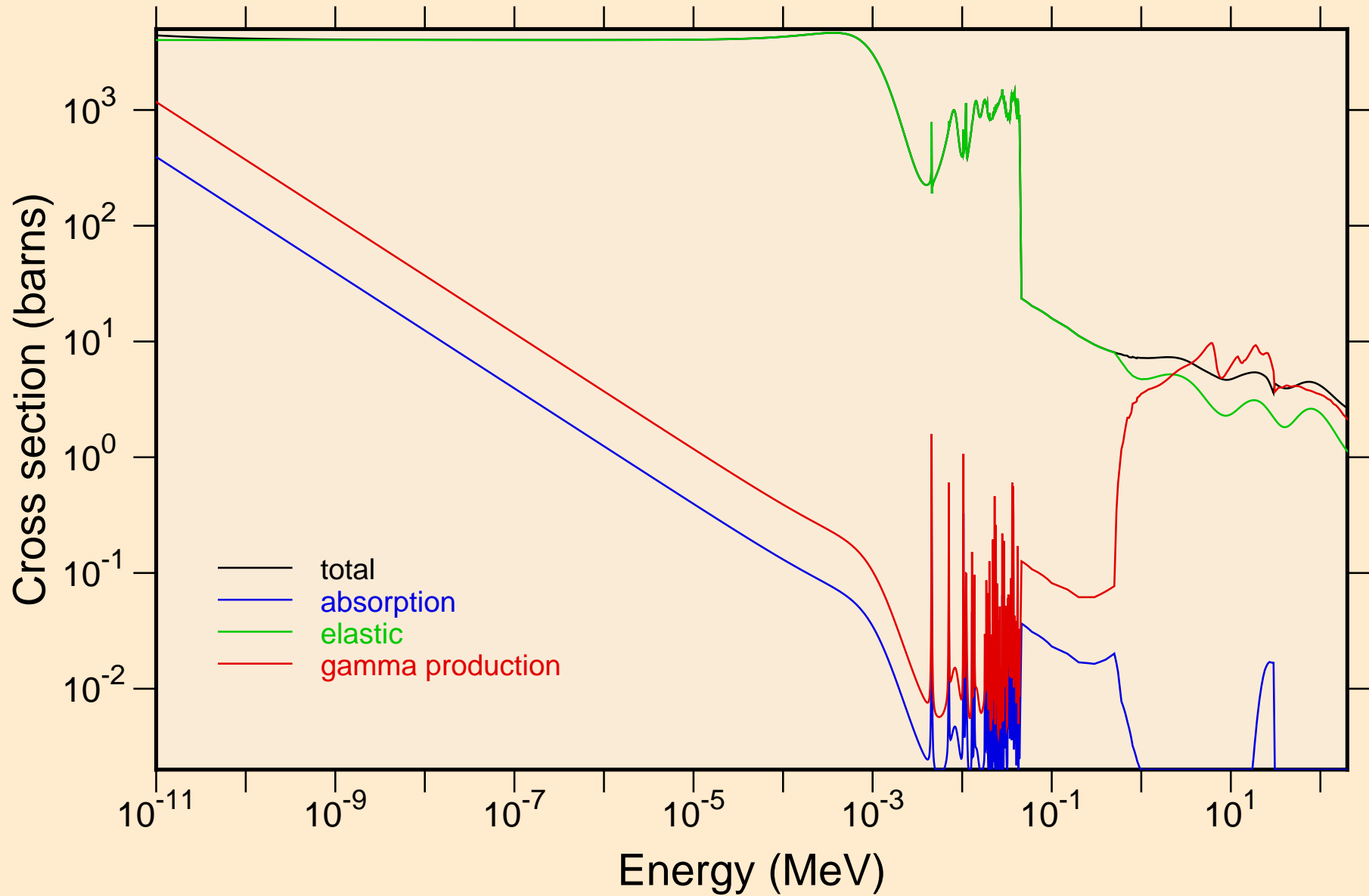
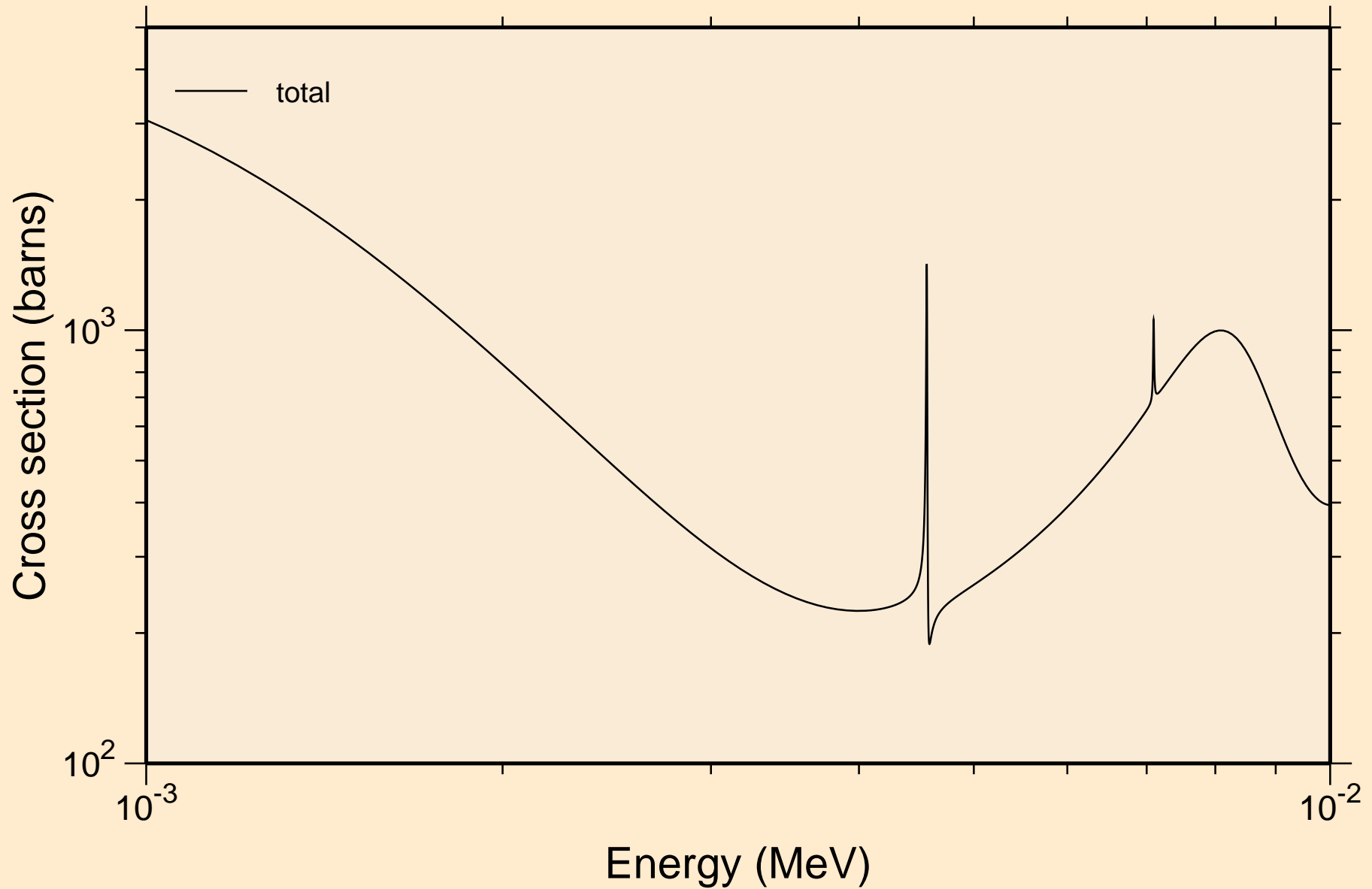


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

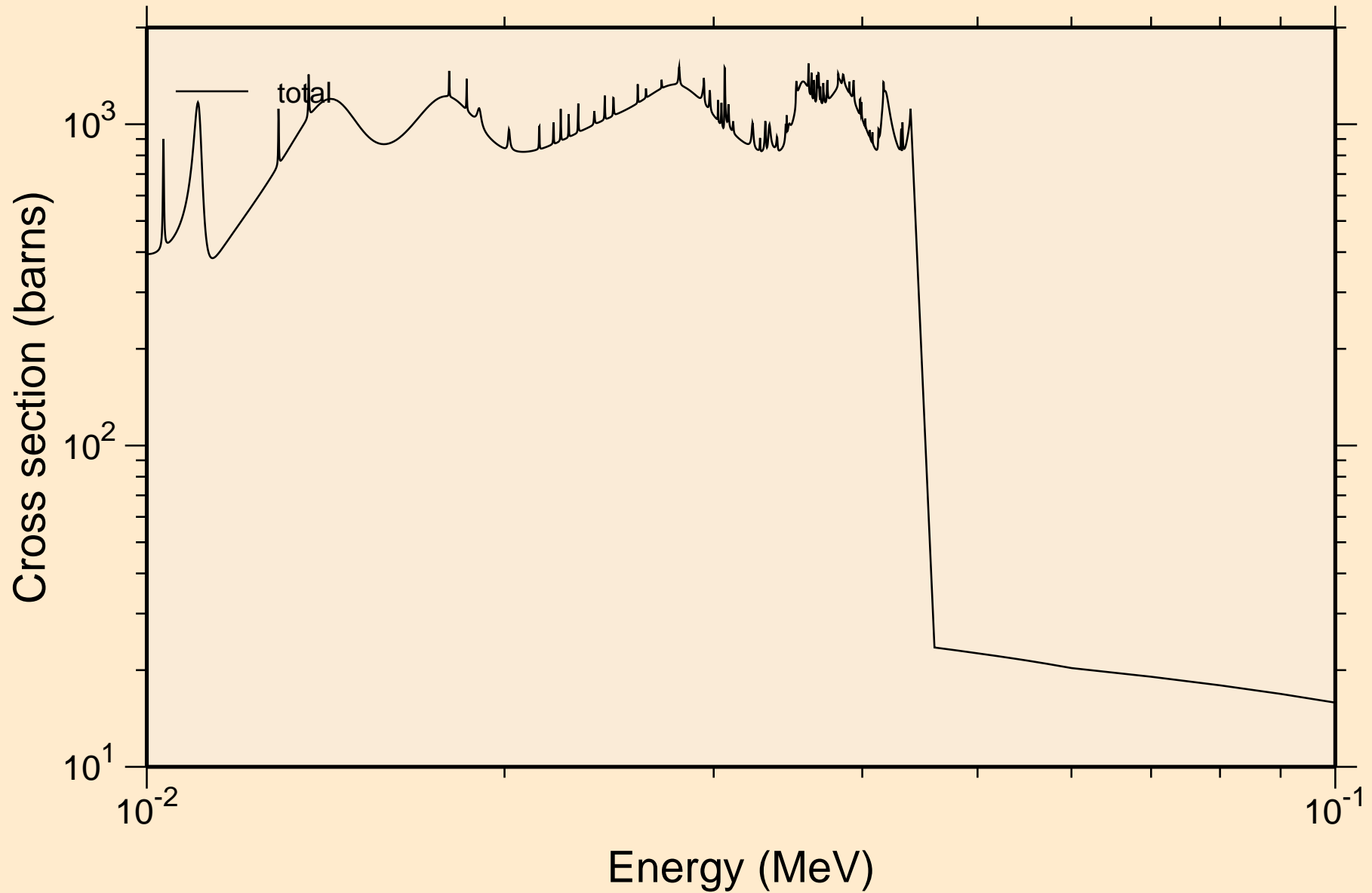
## Principal cross sections



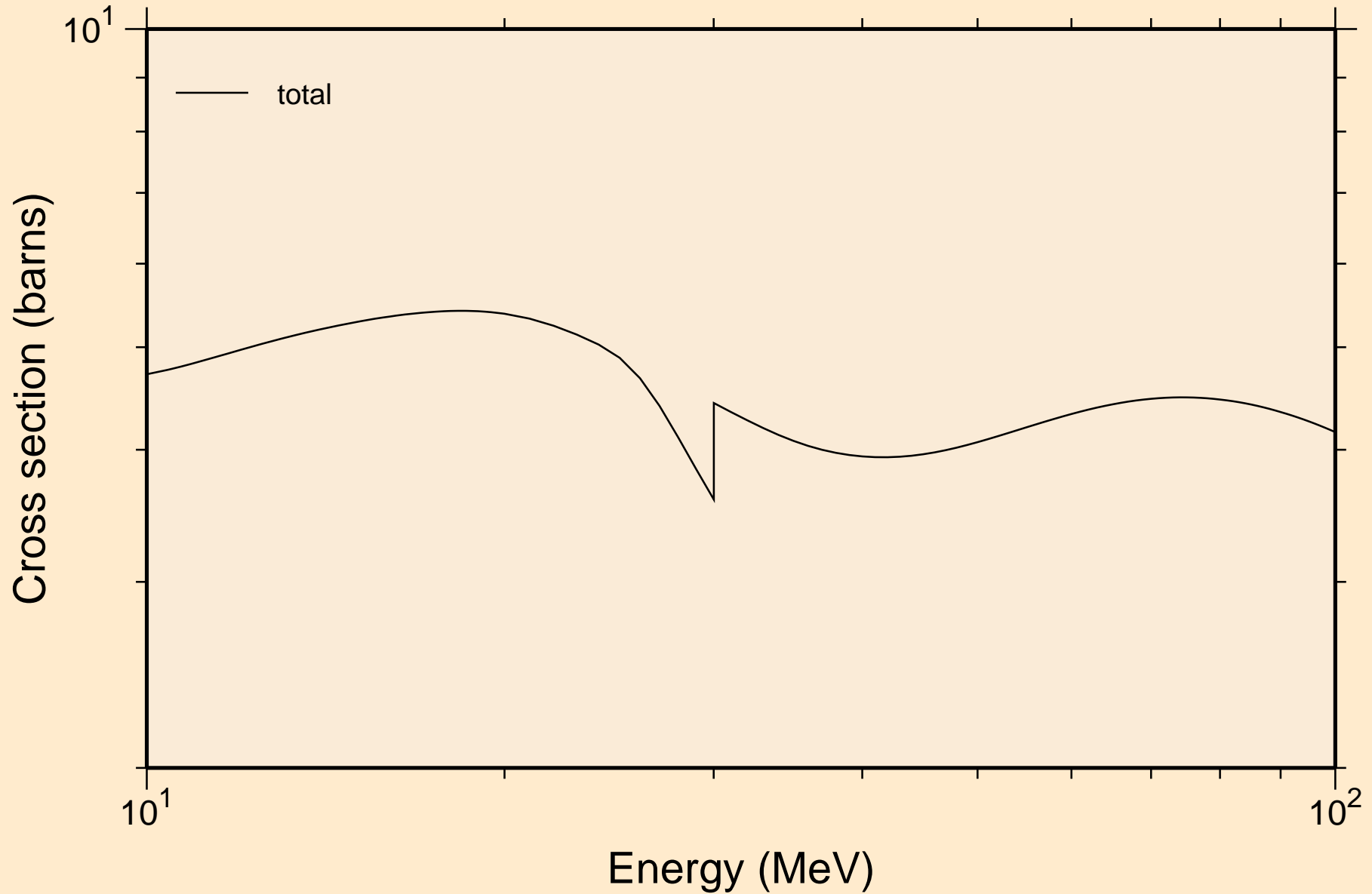
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



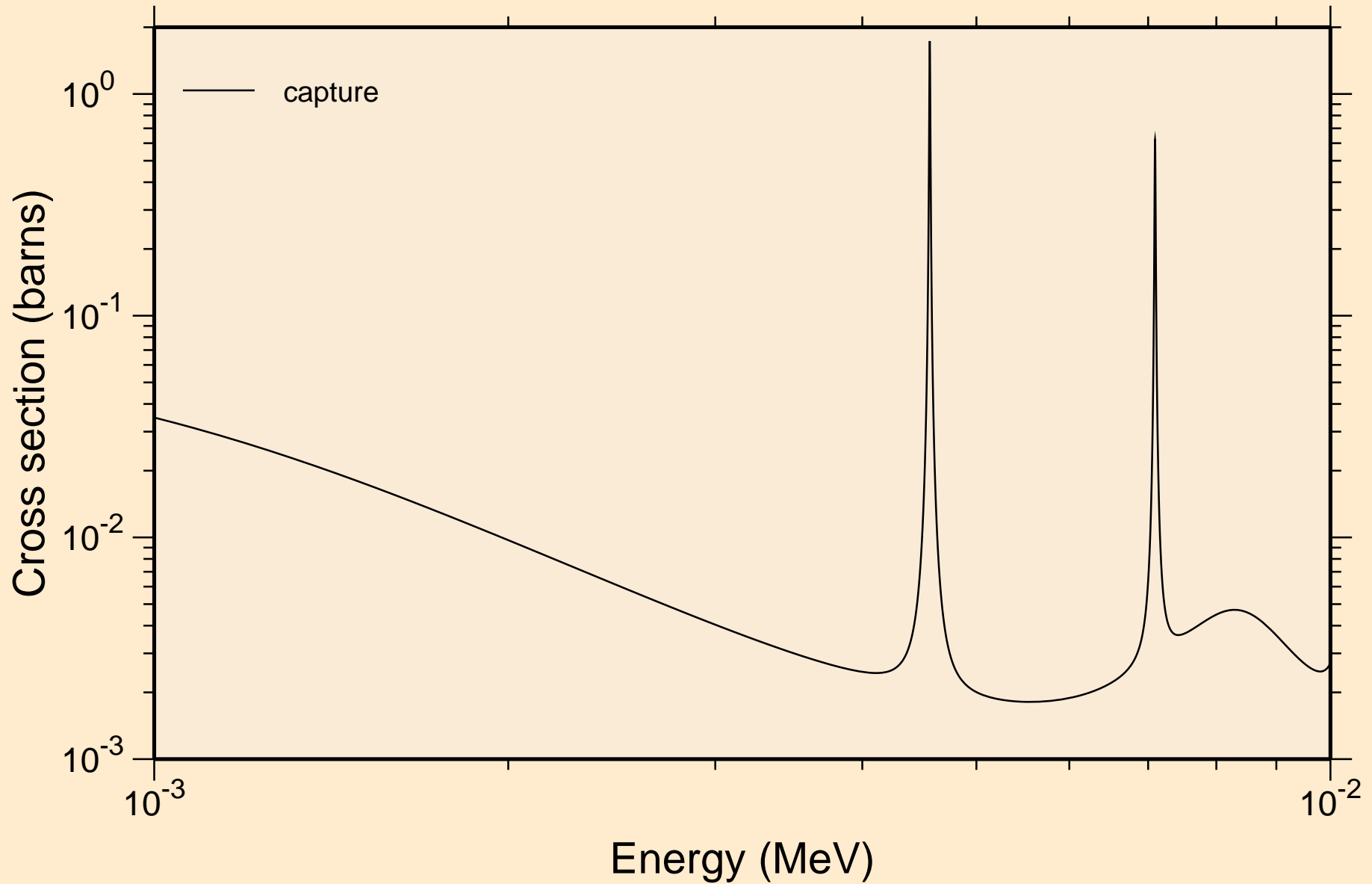
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



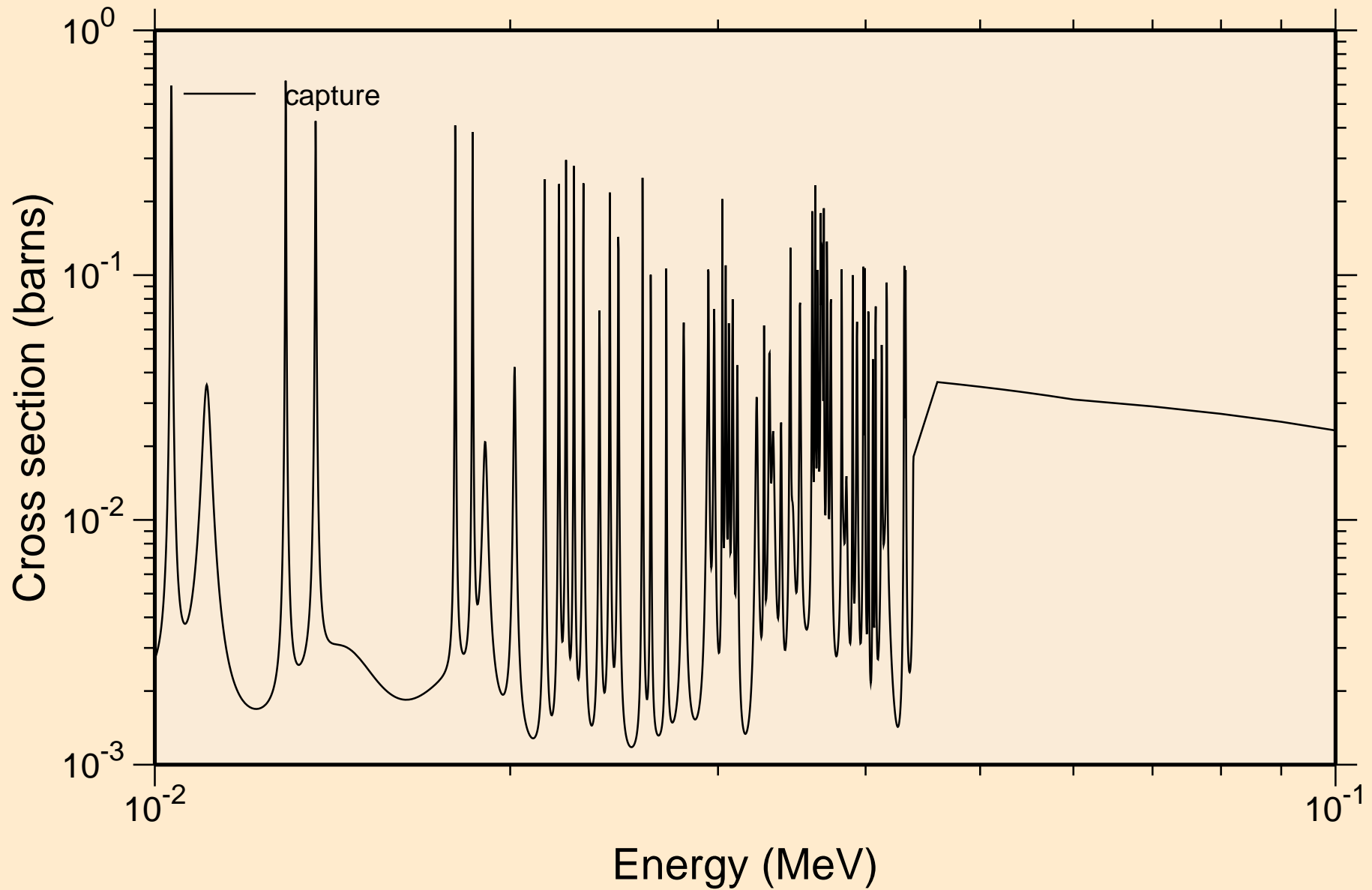
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



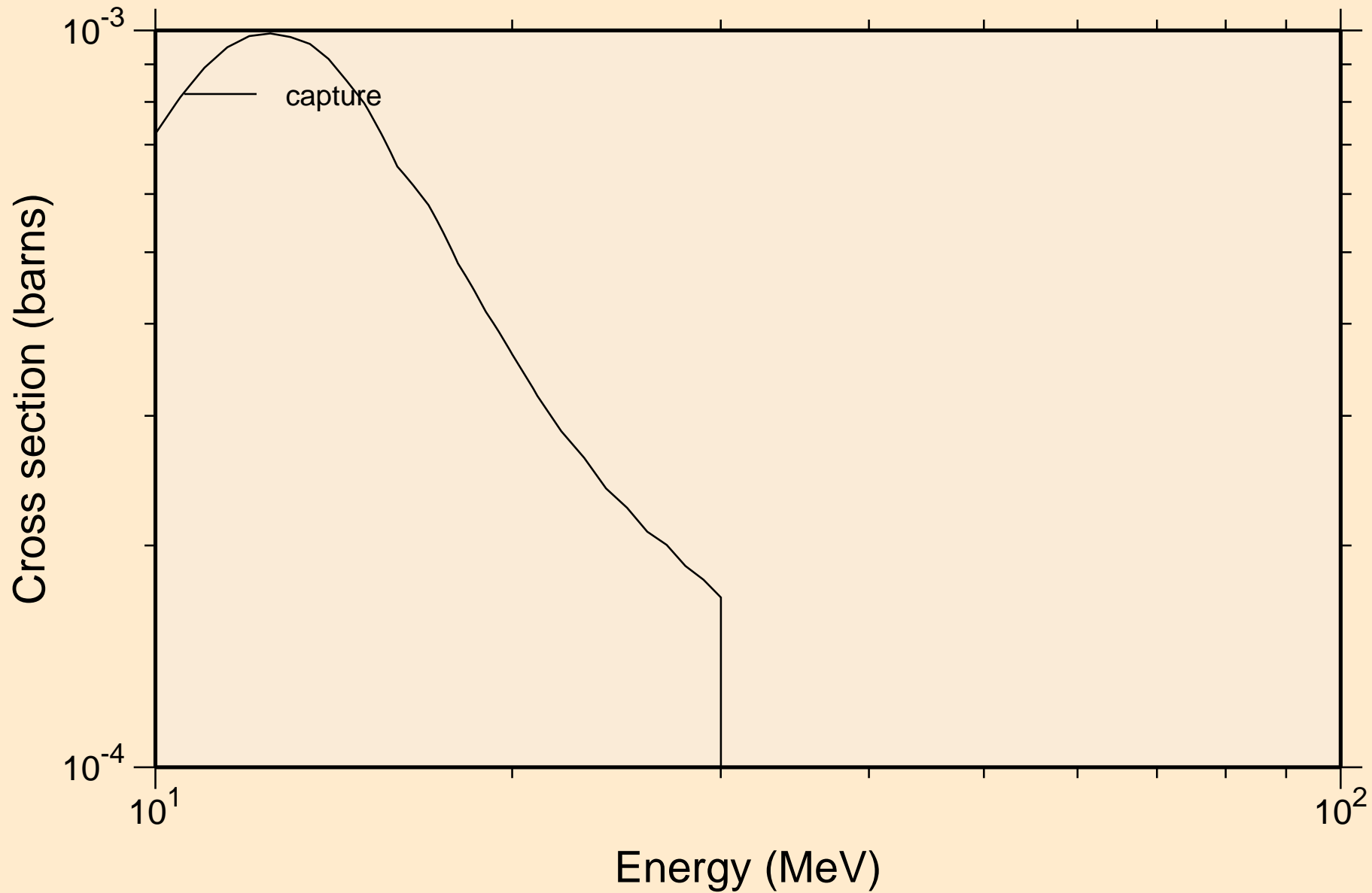
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

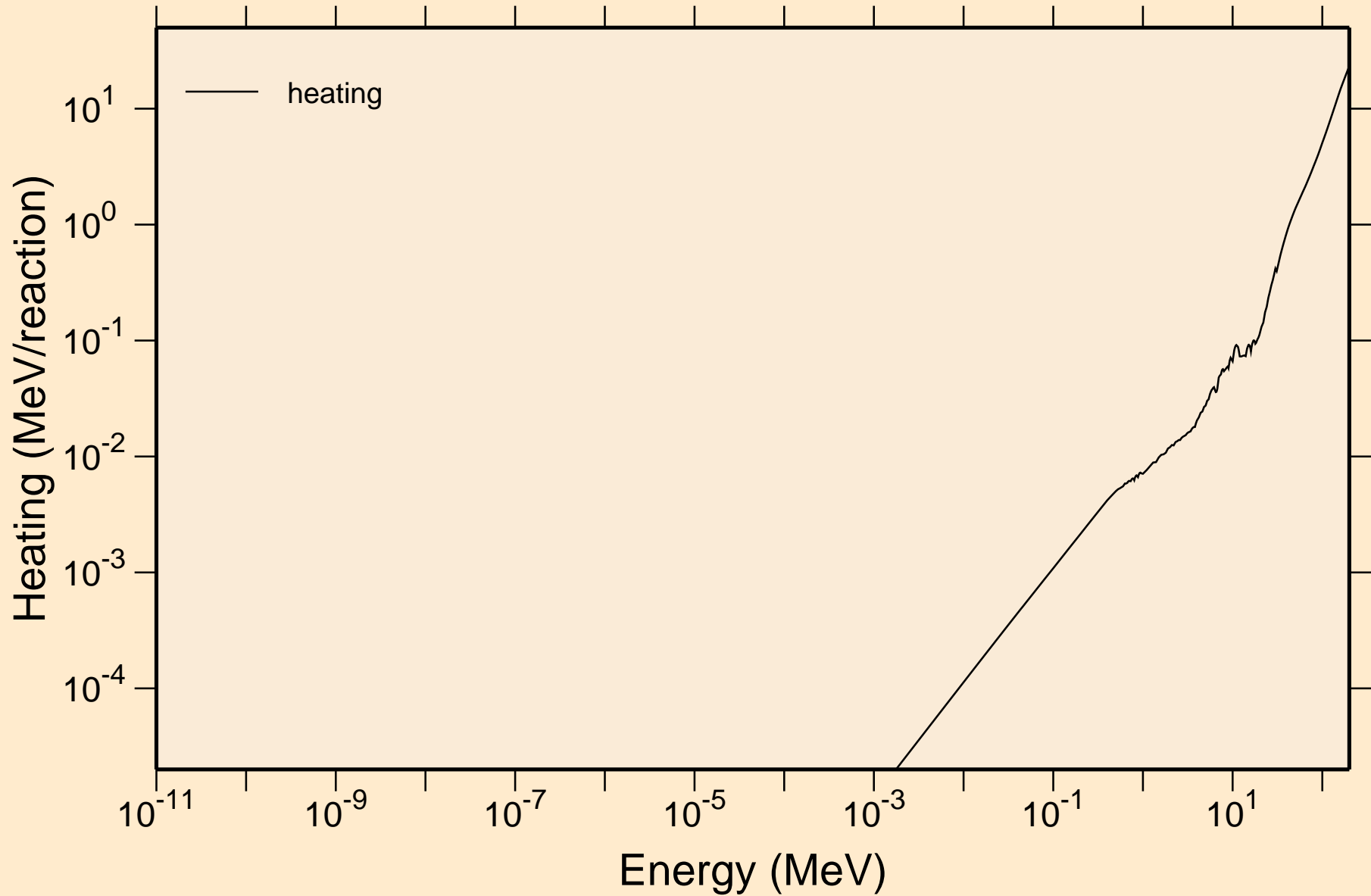


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

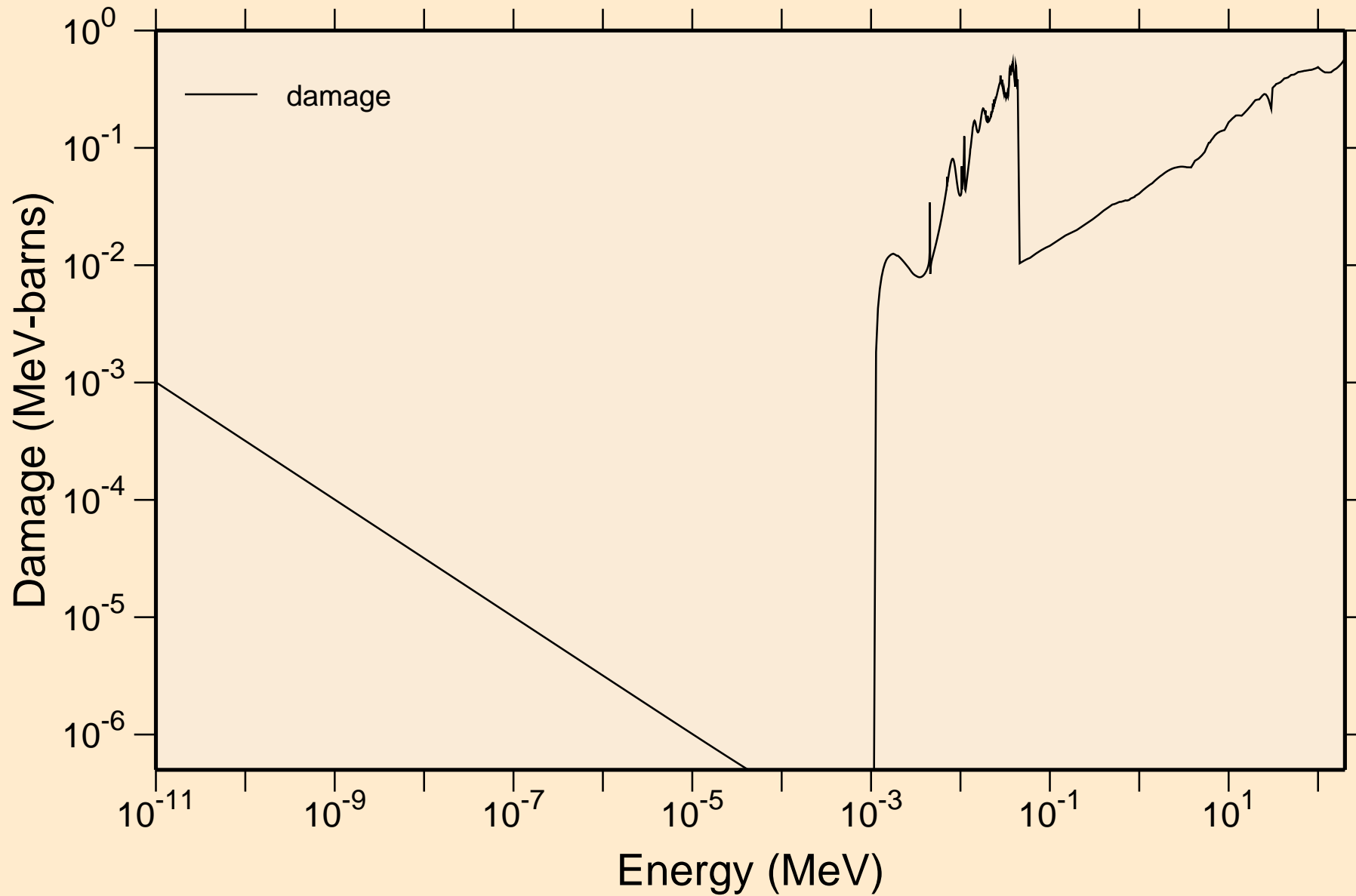
## Heating



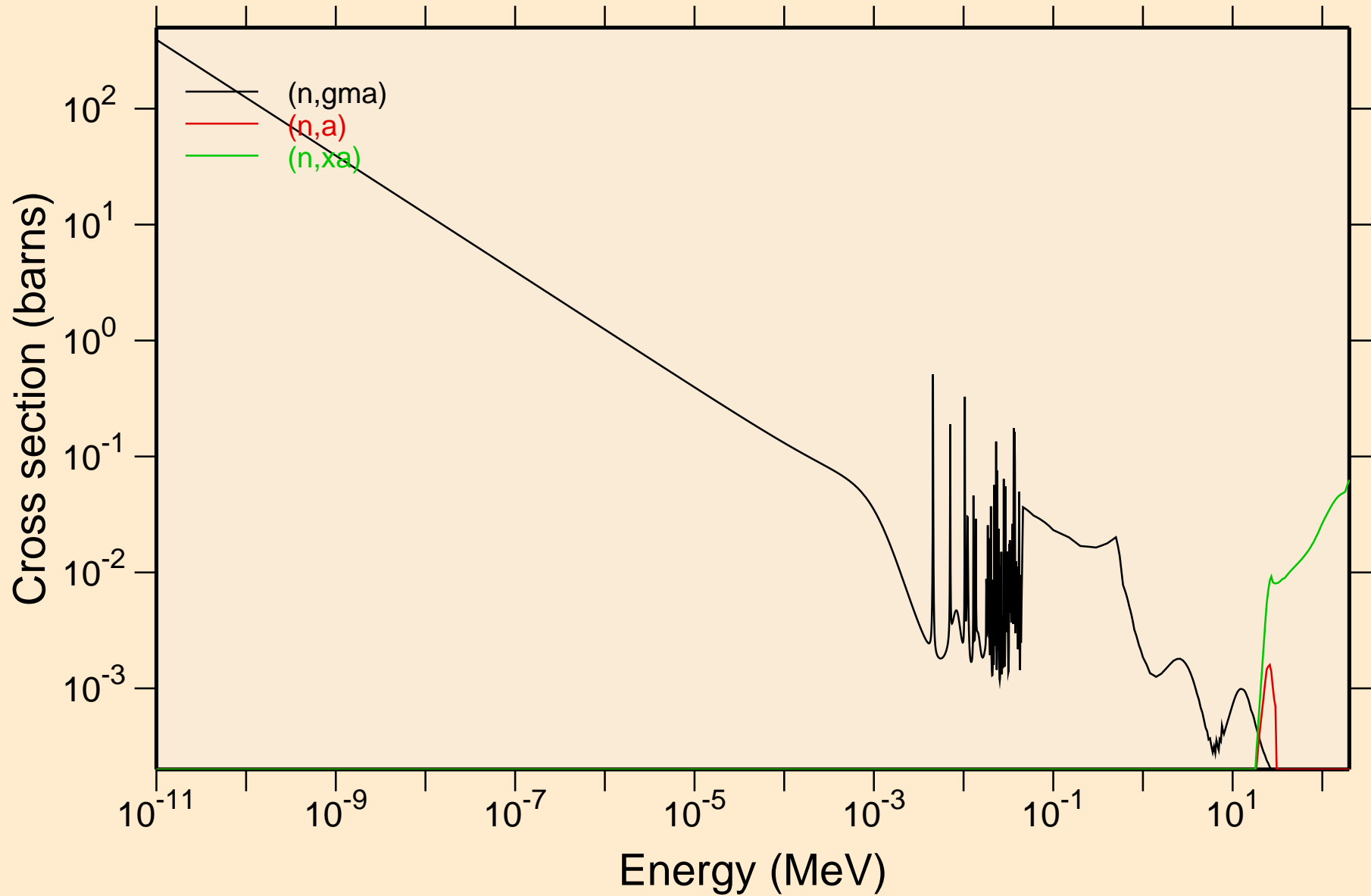


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

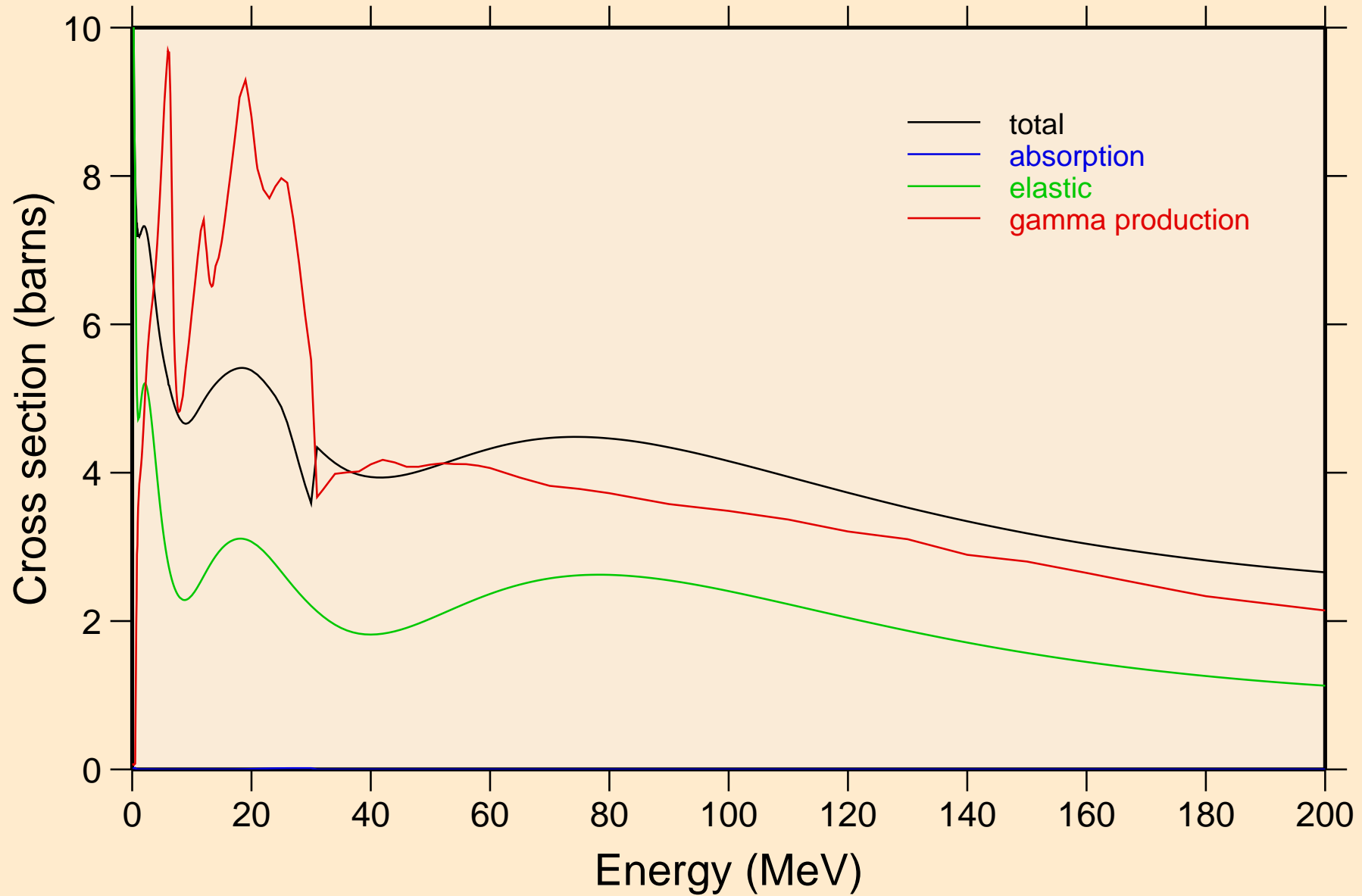


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



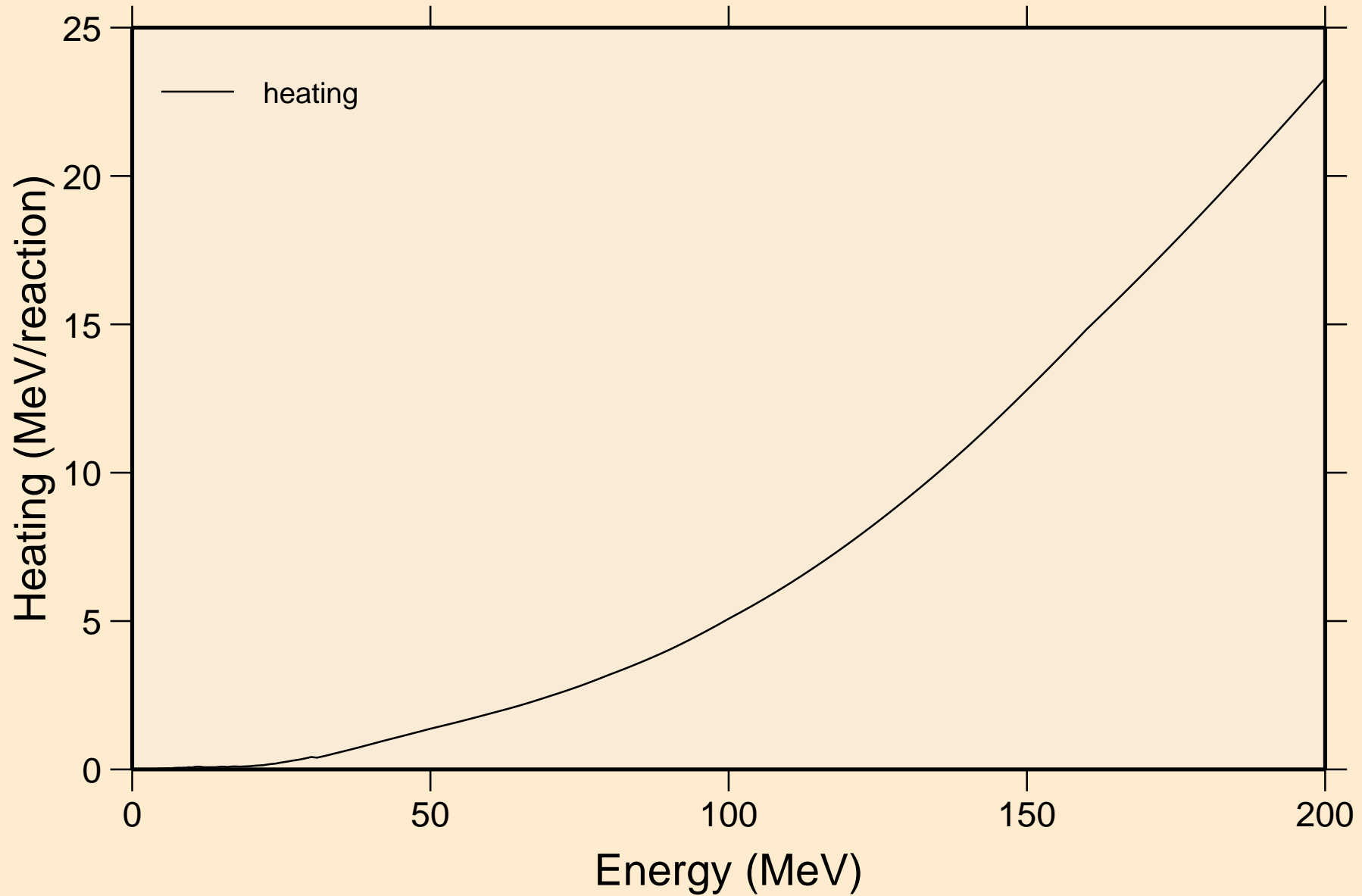
# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

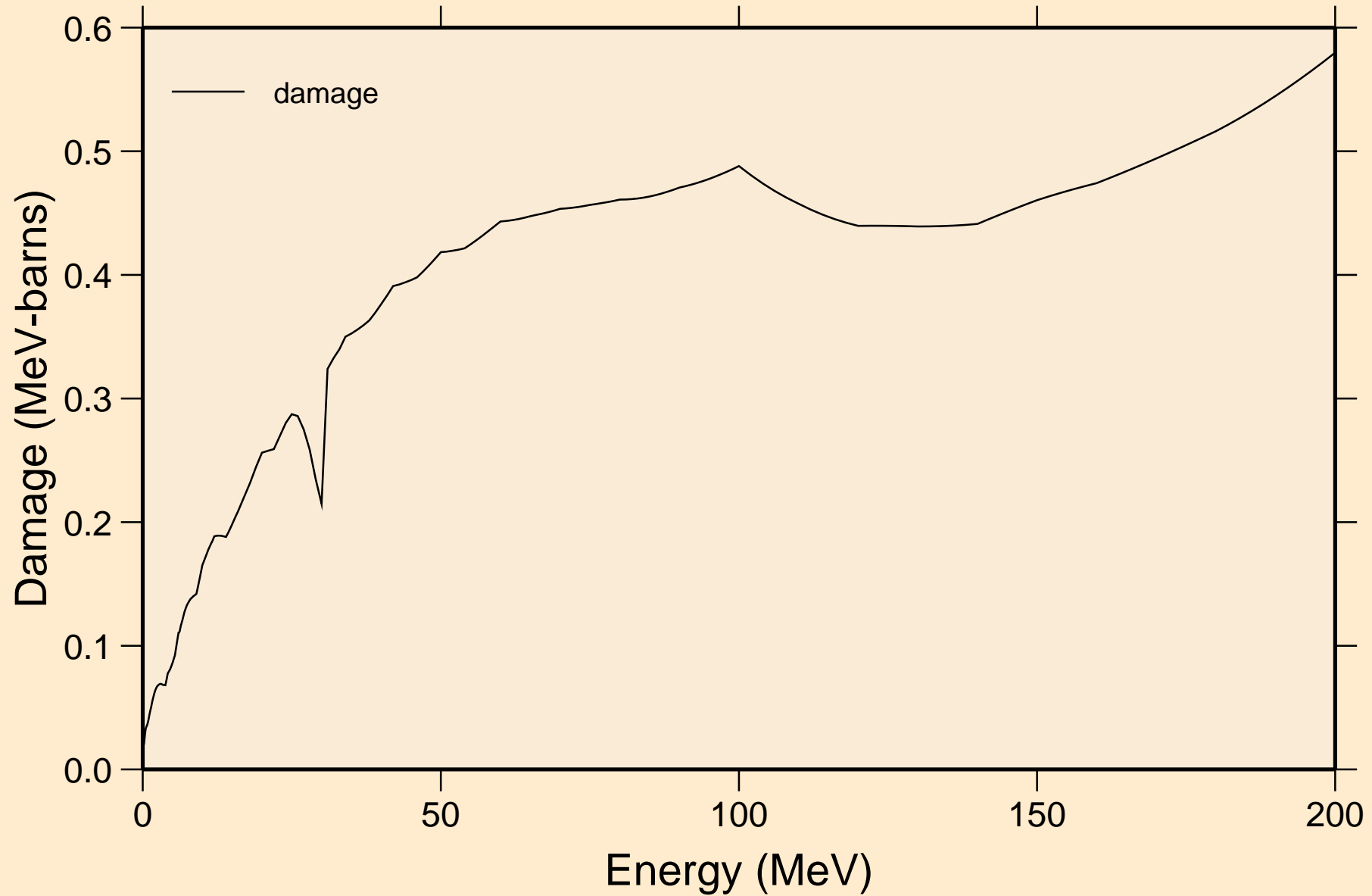


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

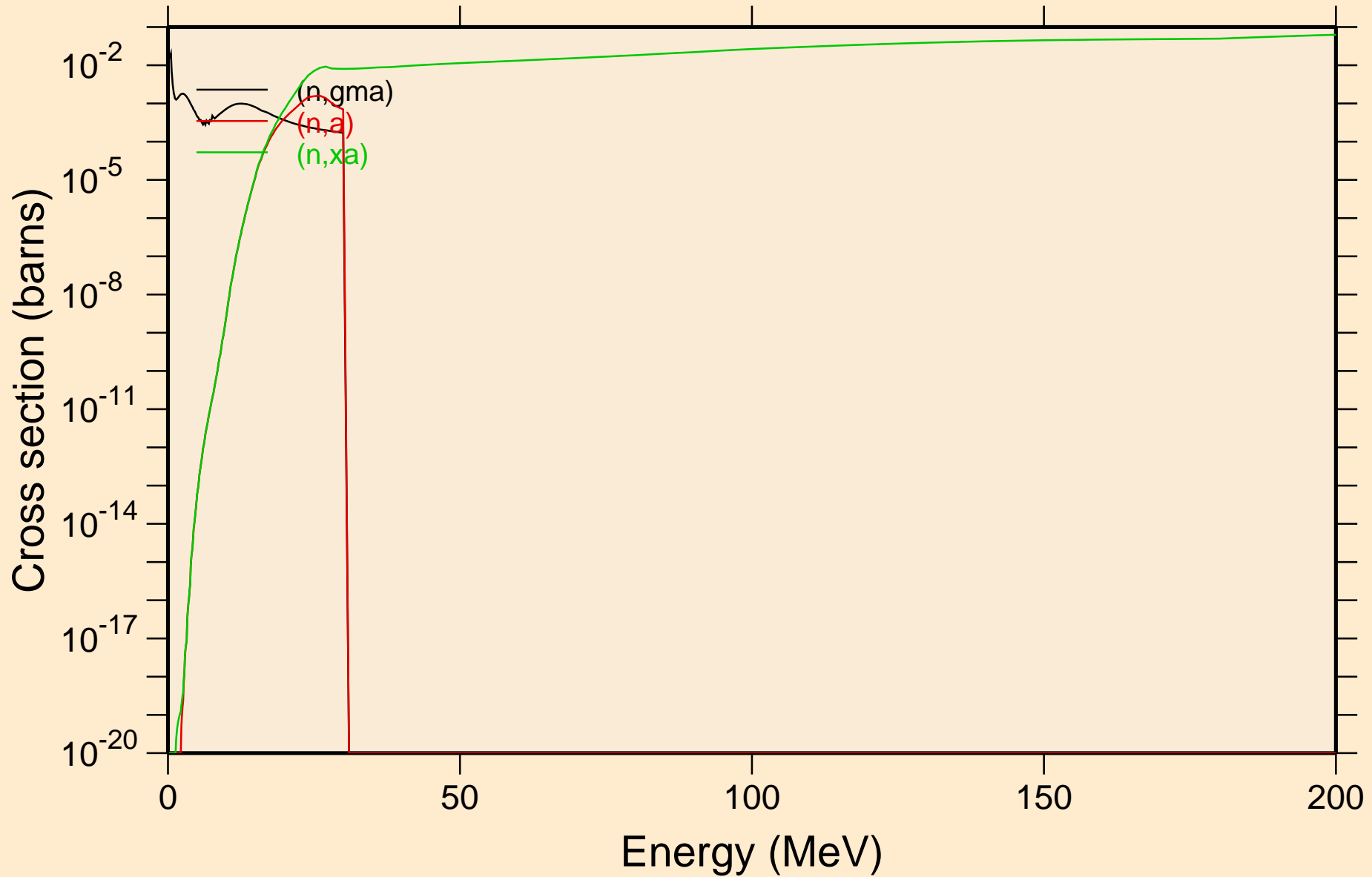


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

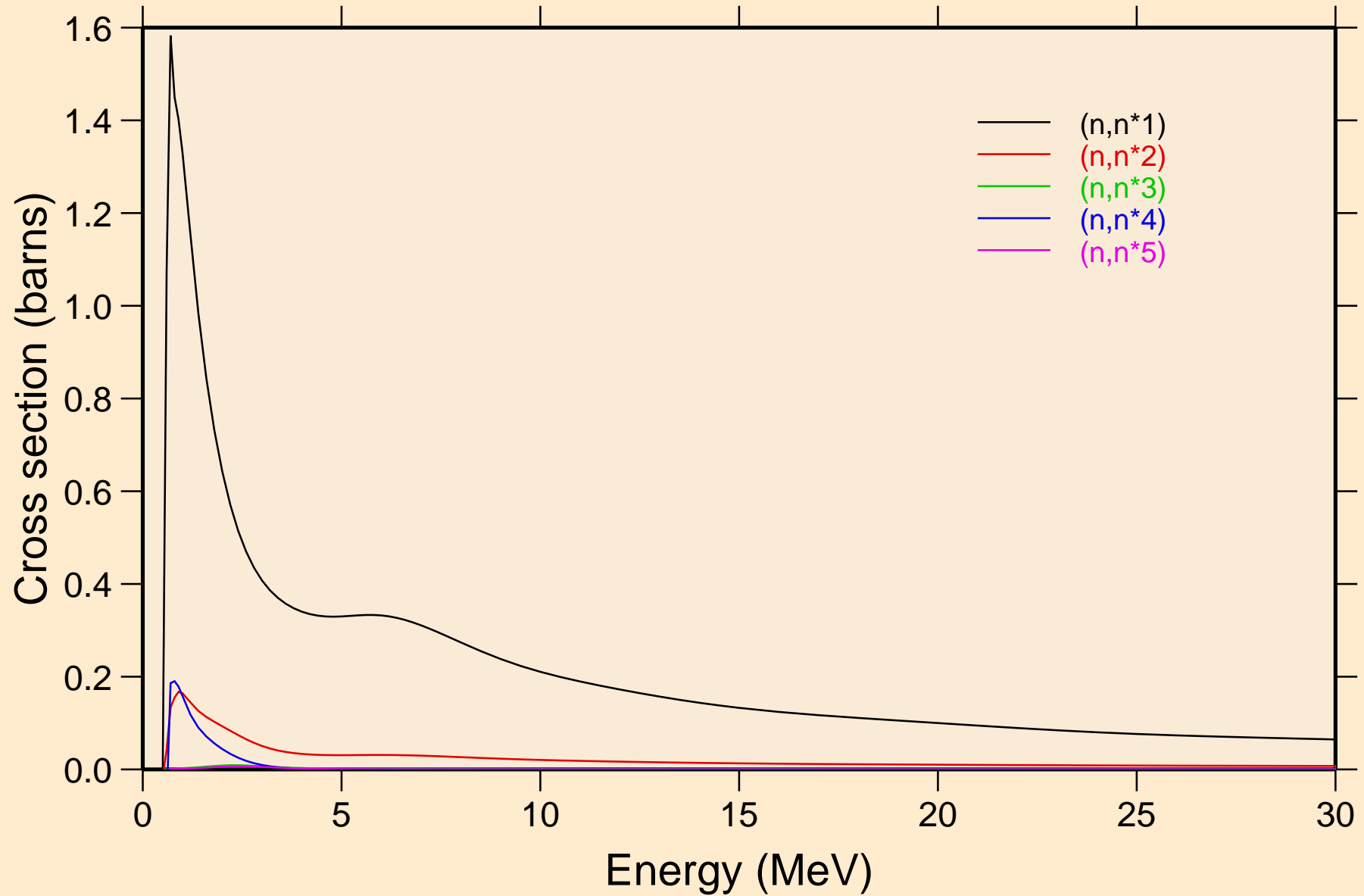


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

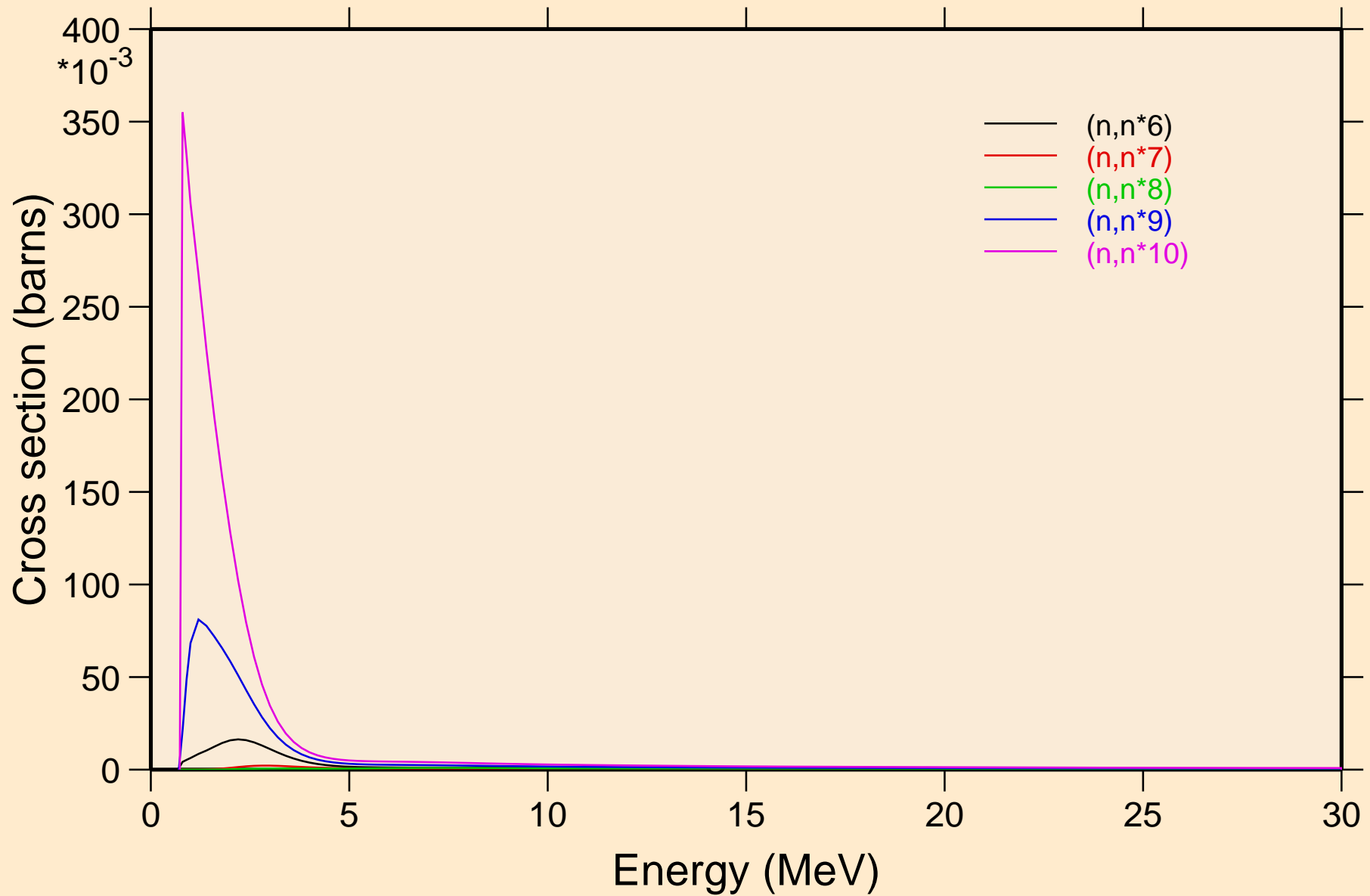
## Non-threshold reactions



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

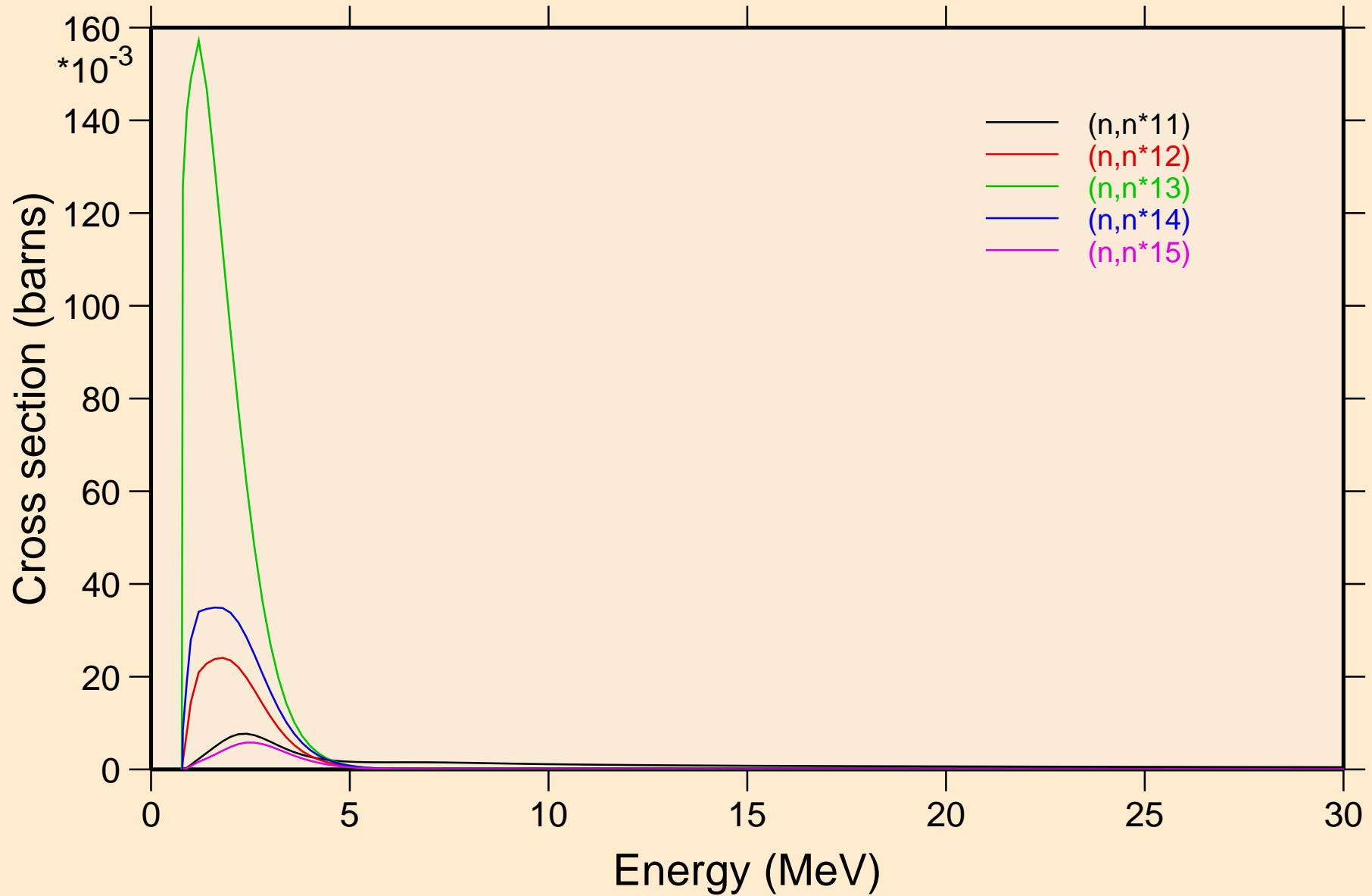


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



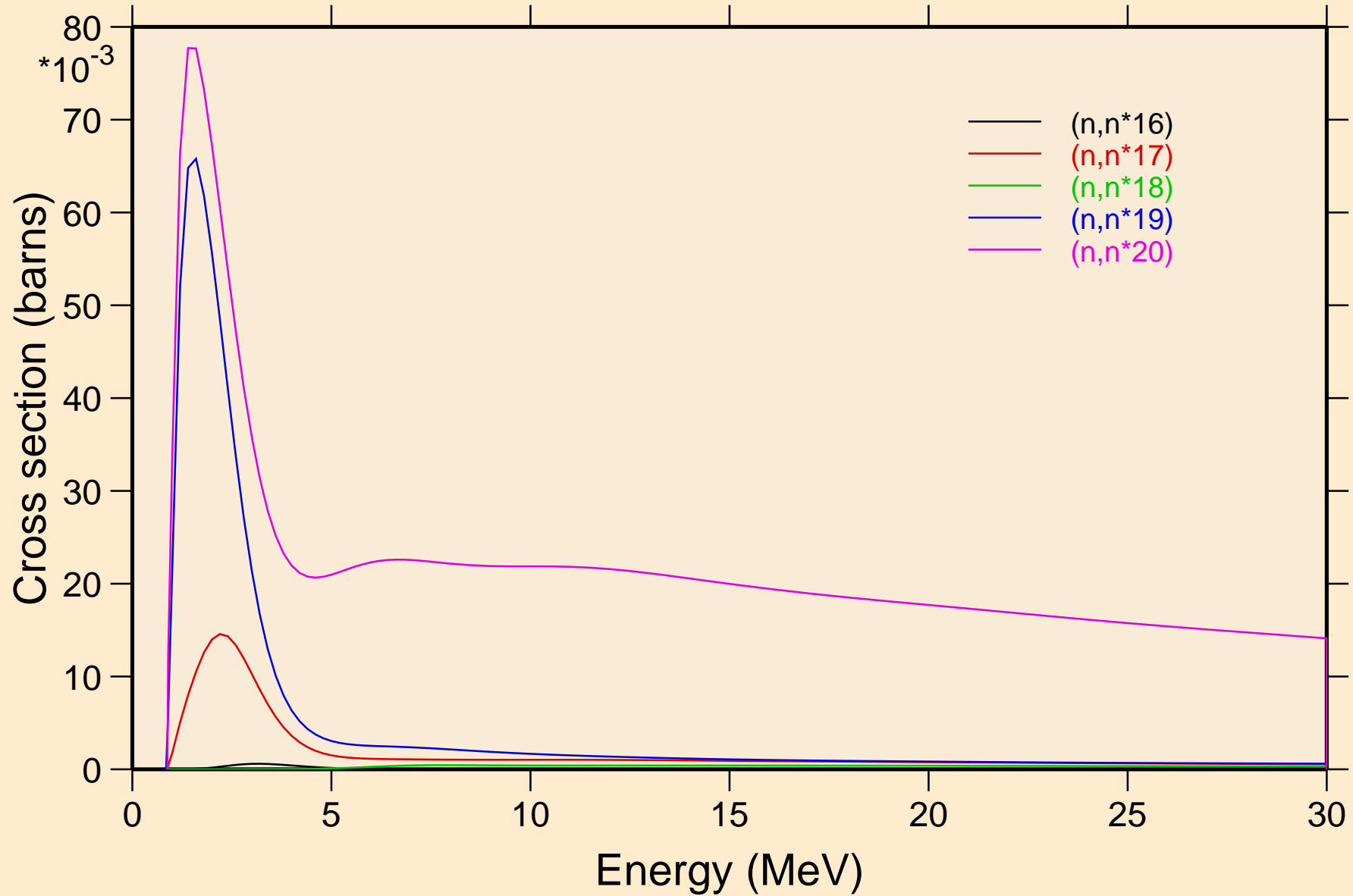


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

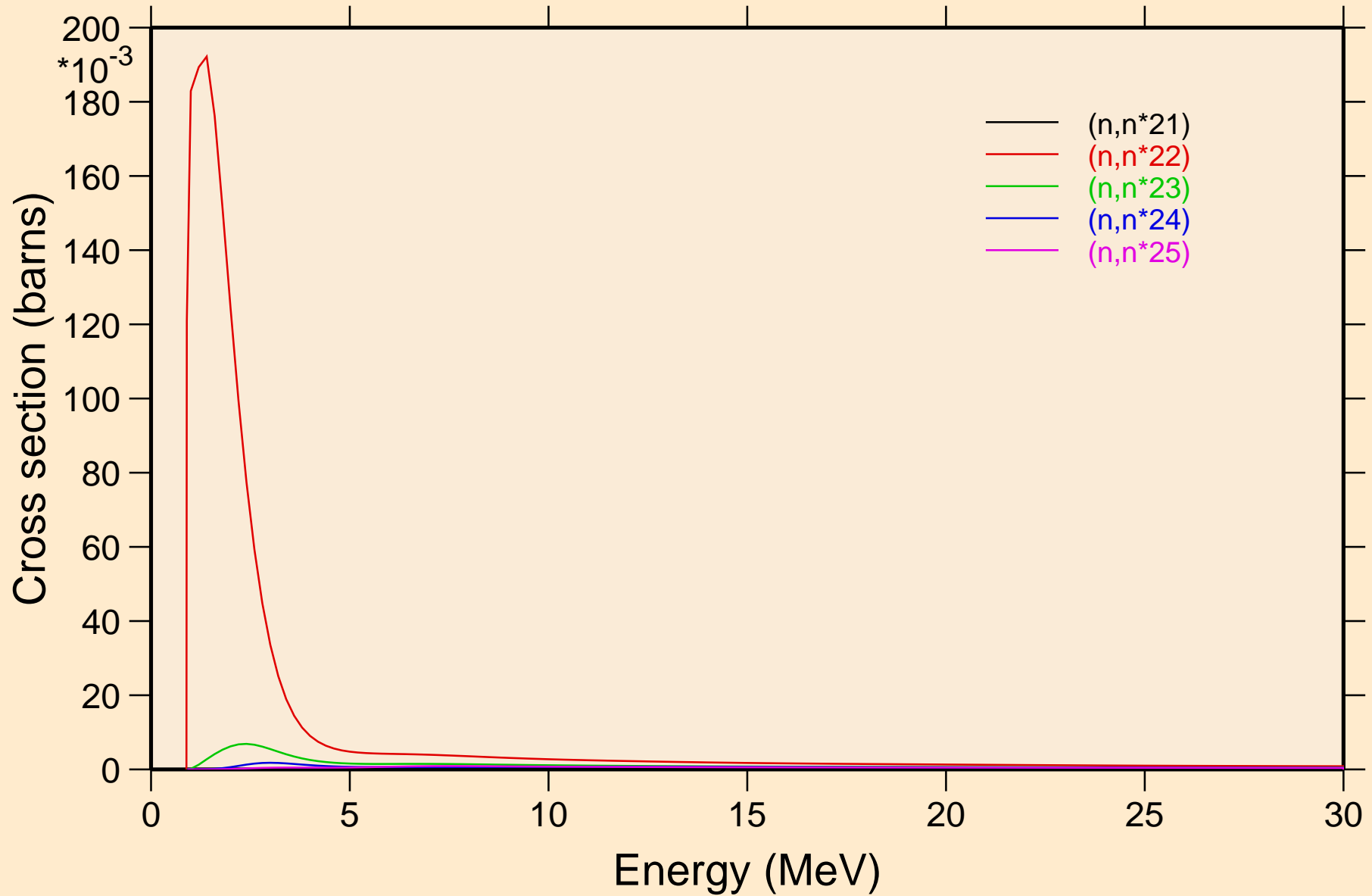


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

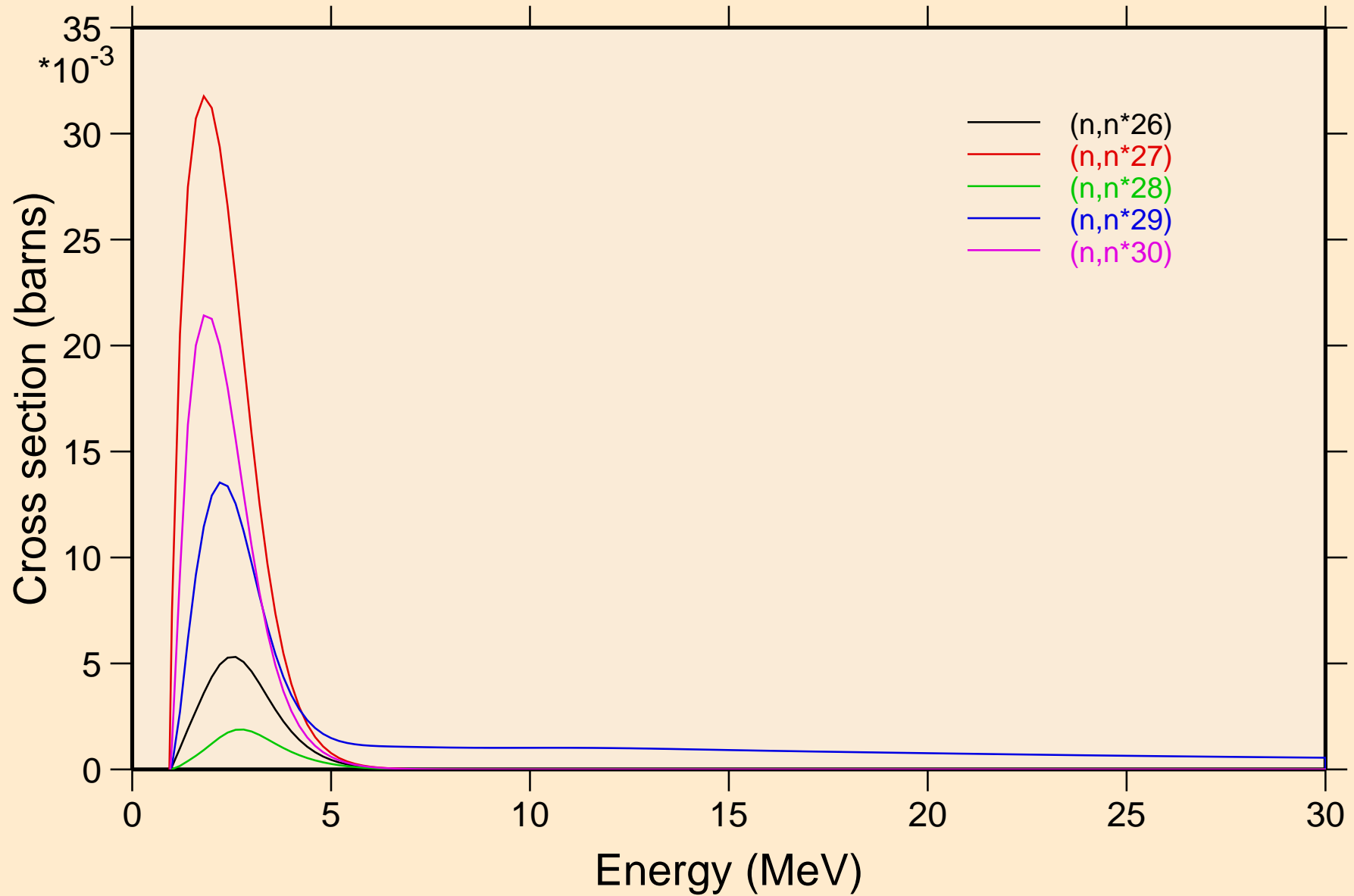
## Inelastic levels



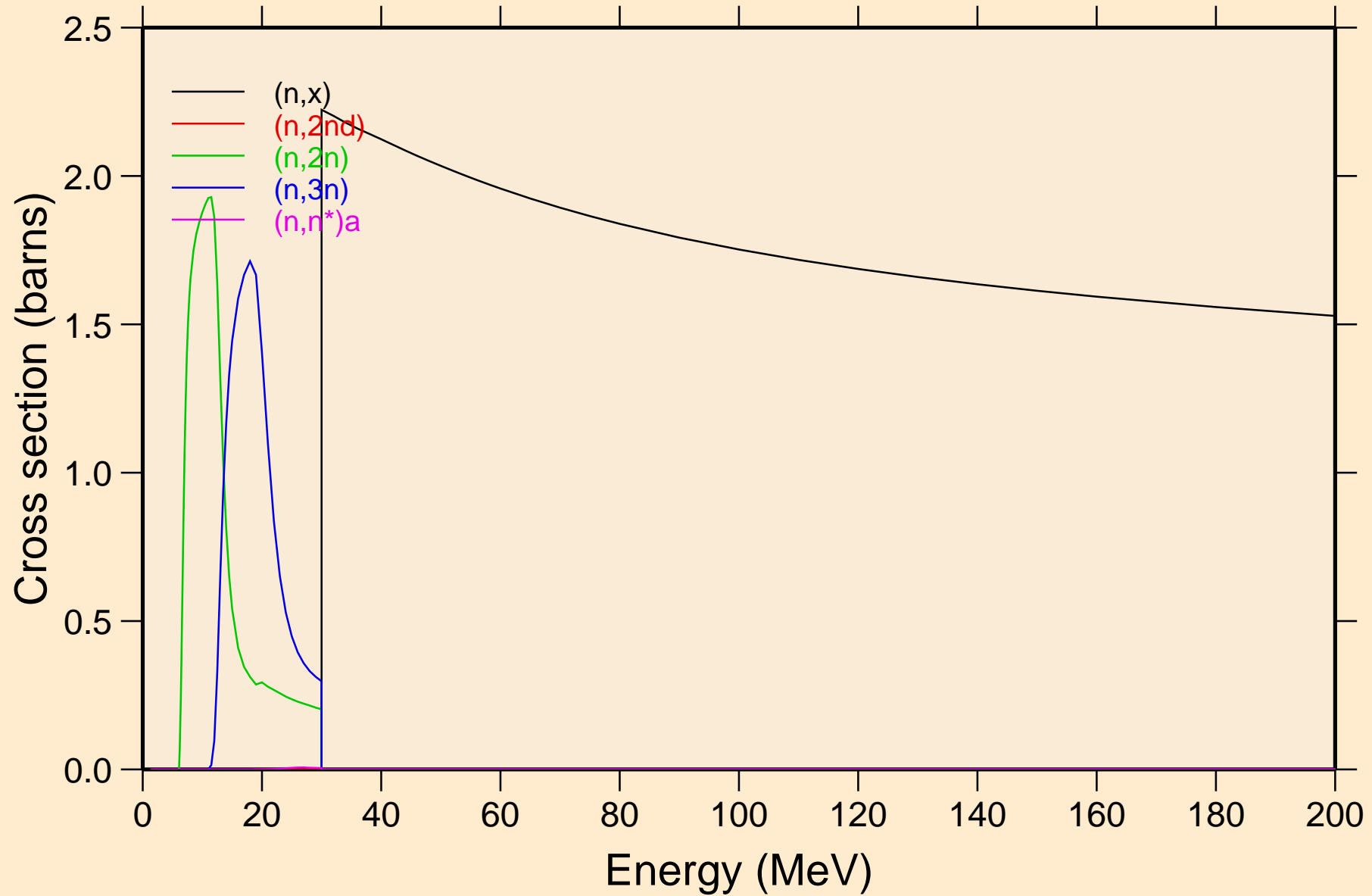
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

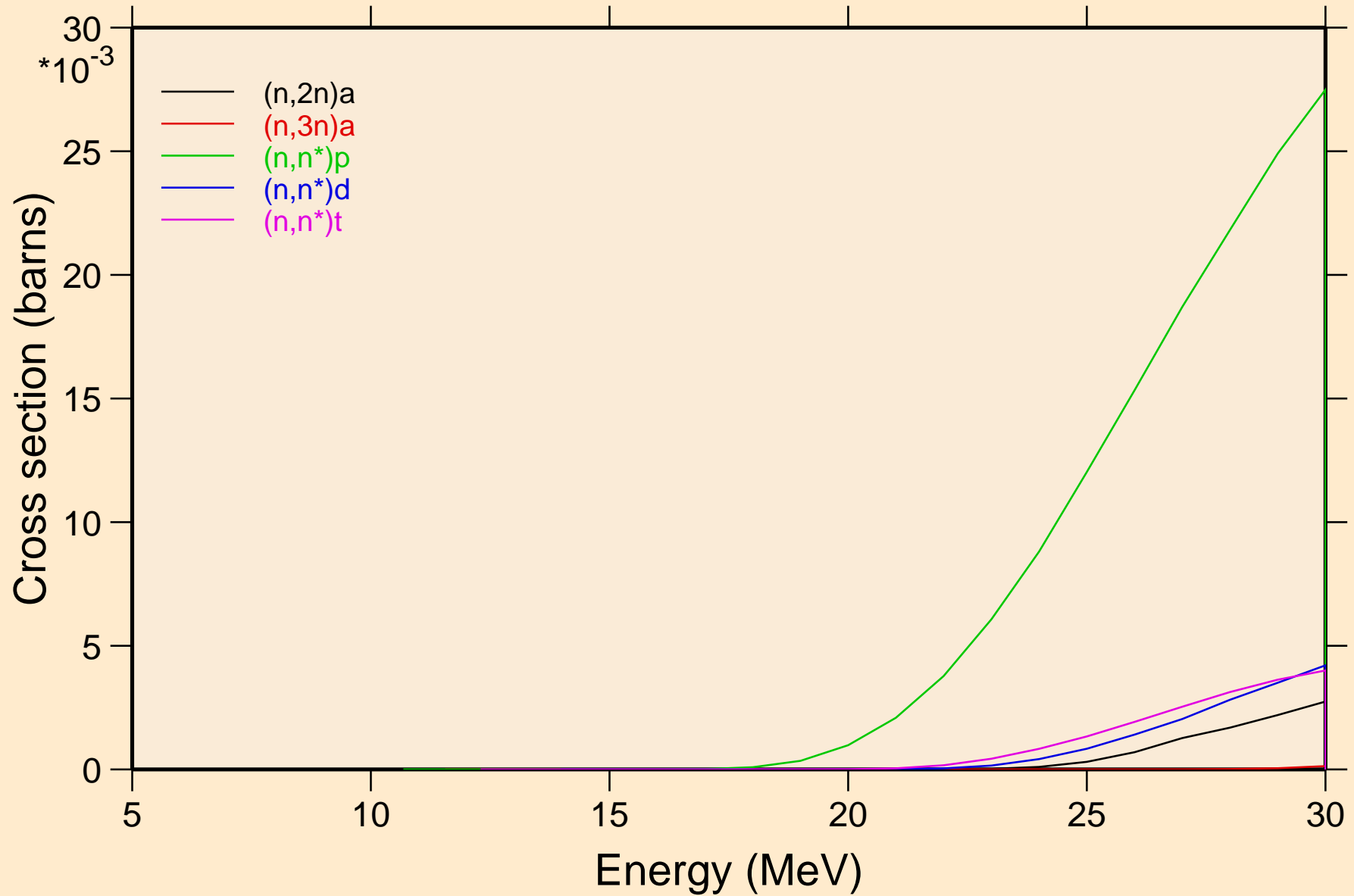


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

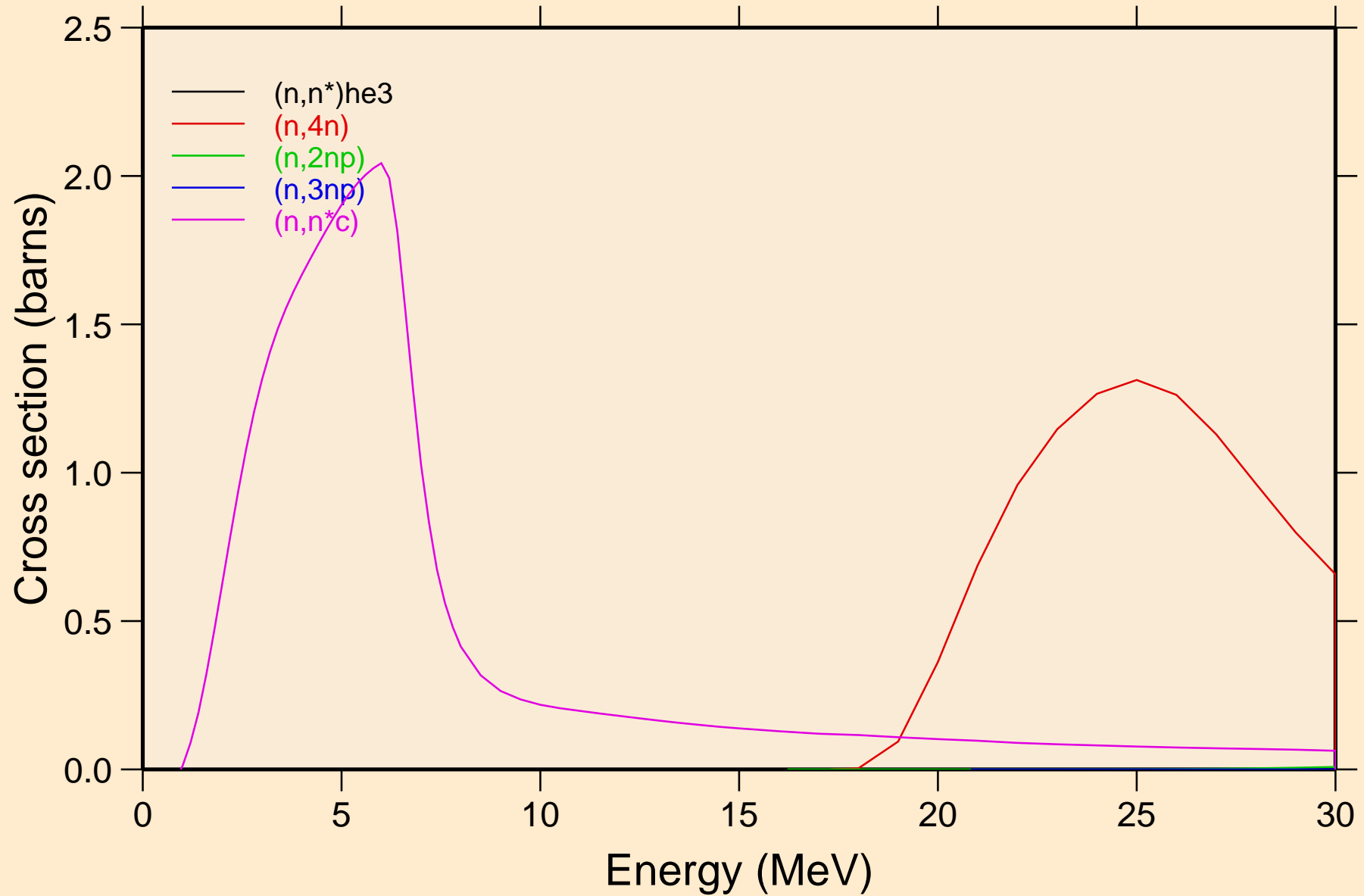


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

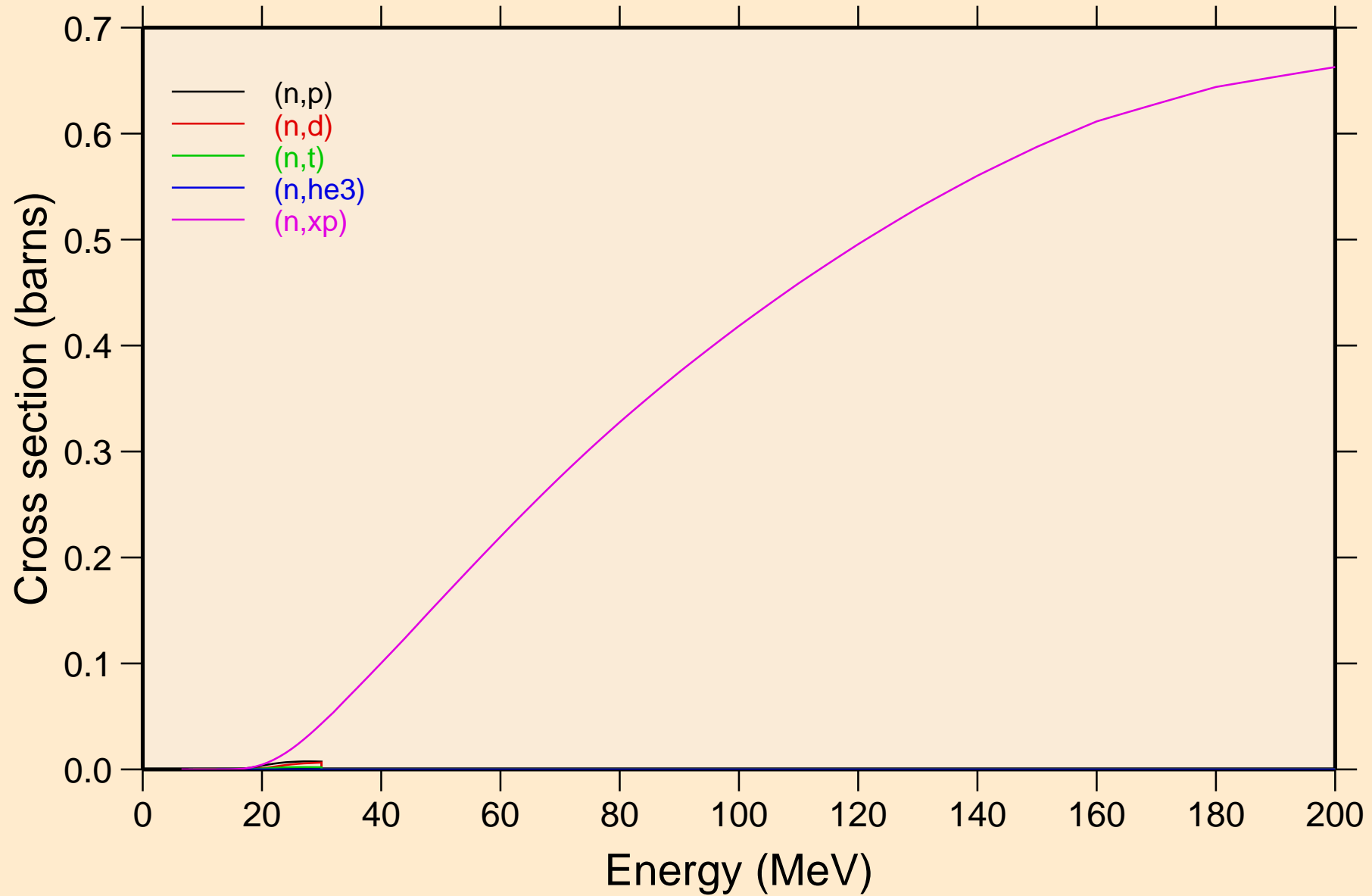


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

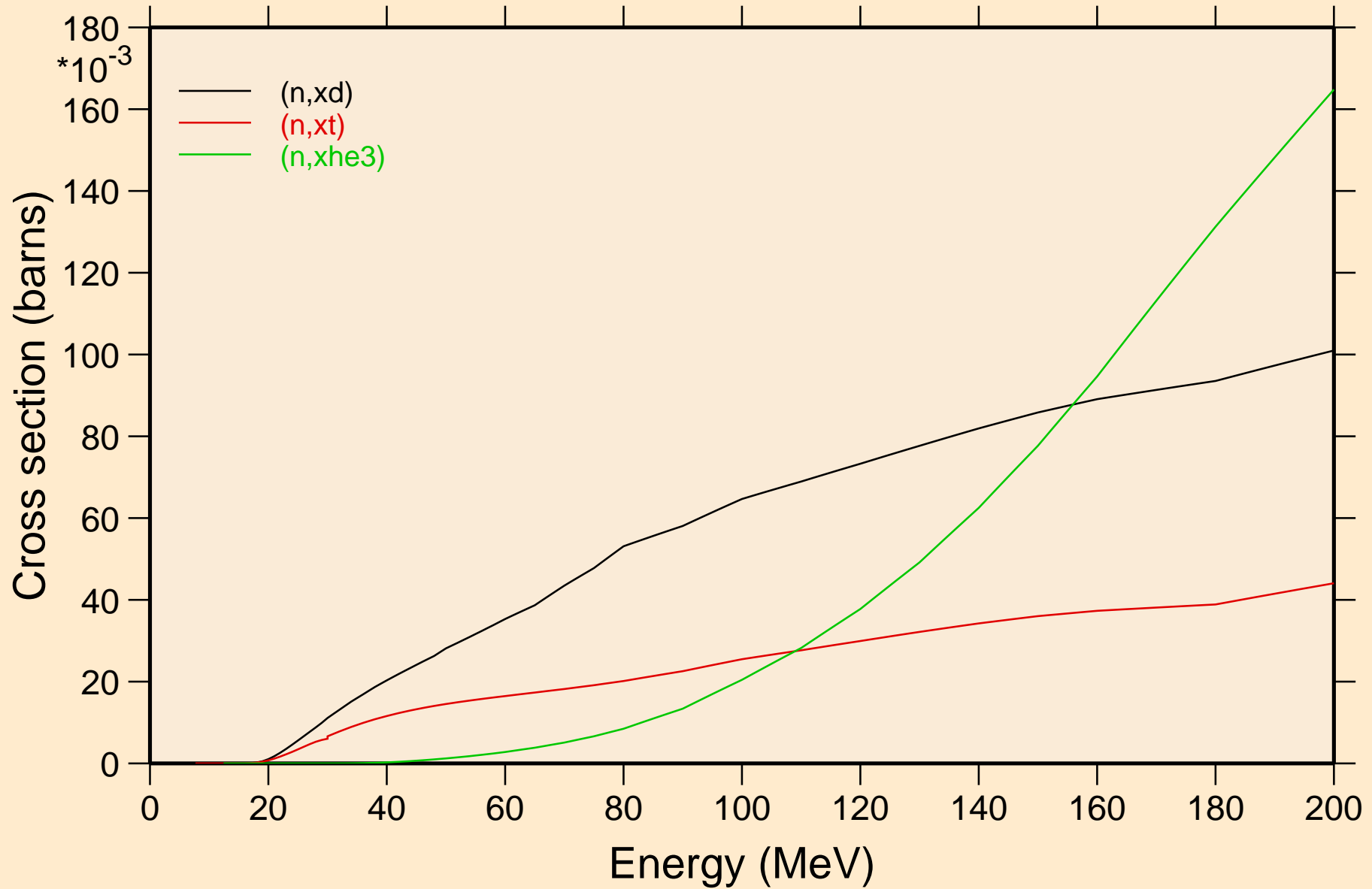
## Threshold reactions



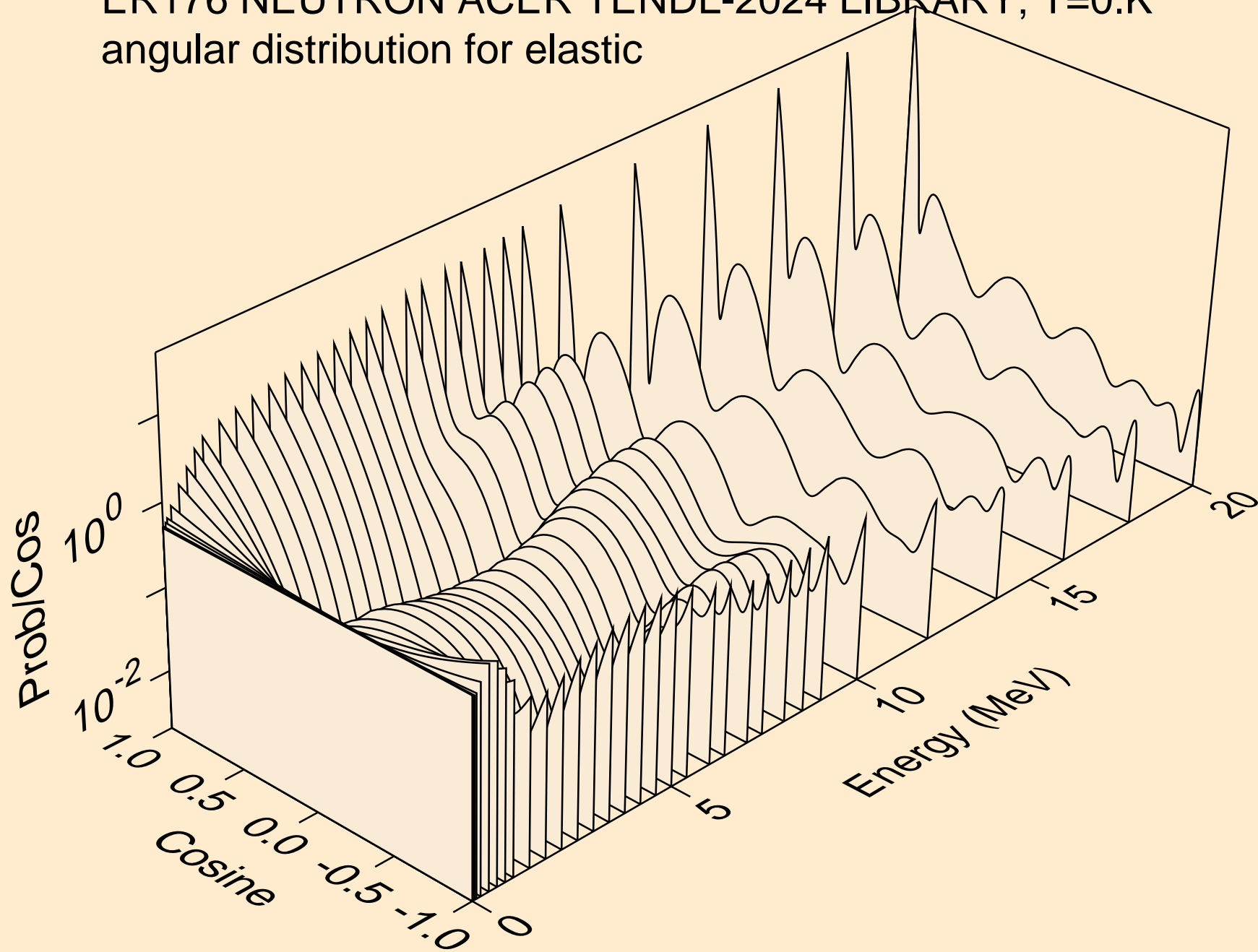


# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

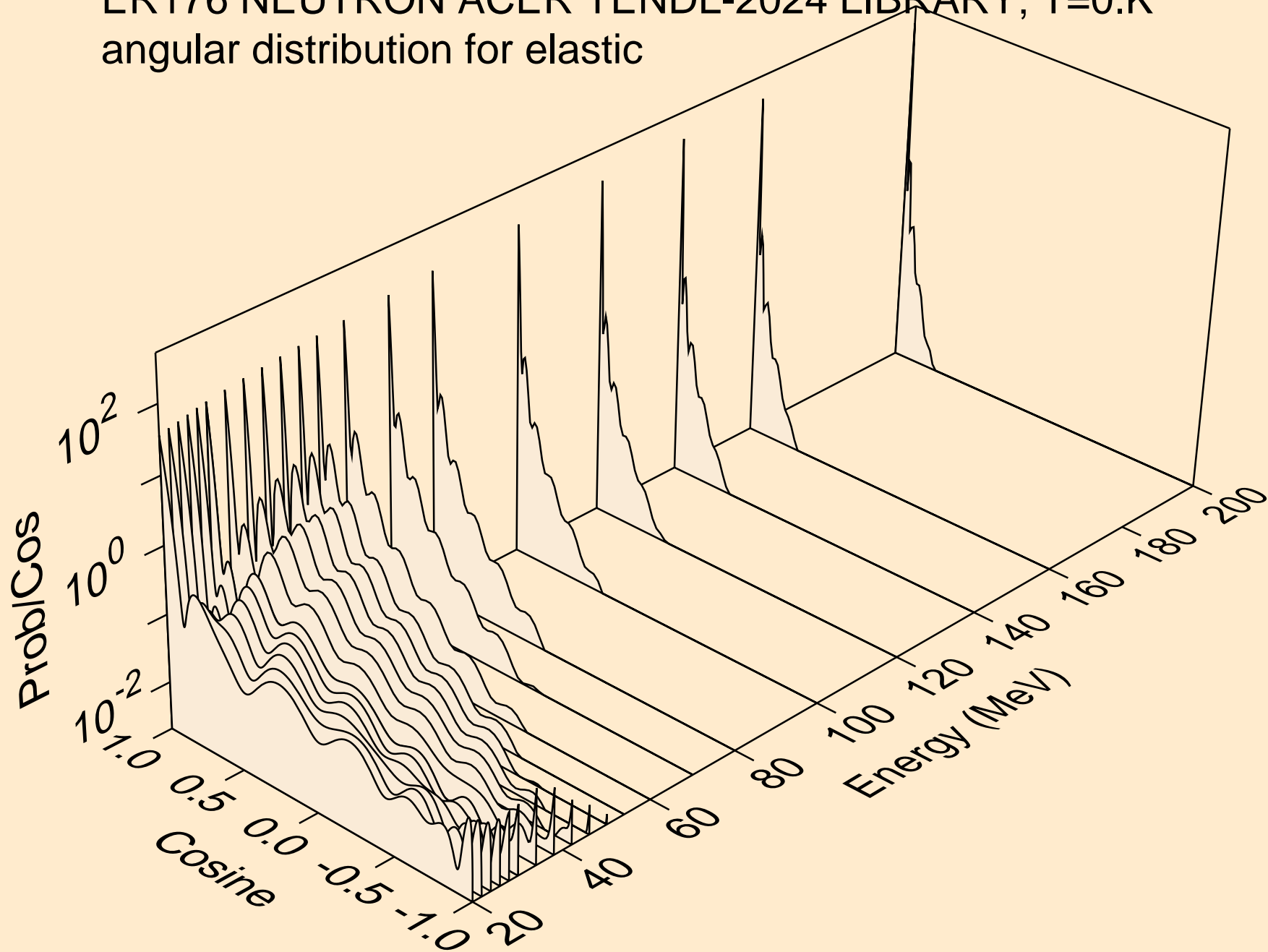
## Threshold reactions



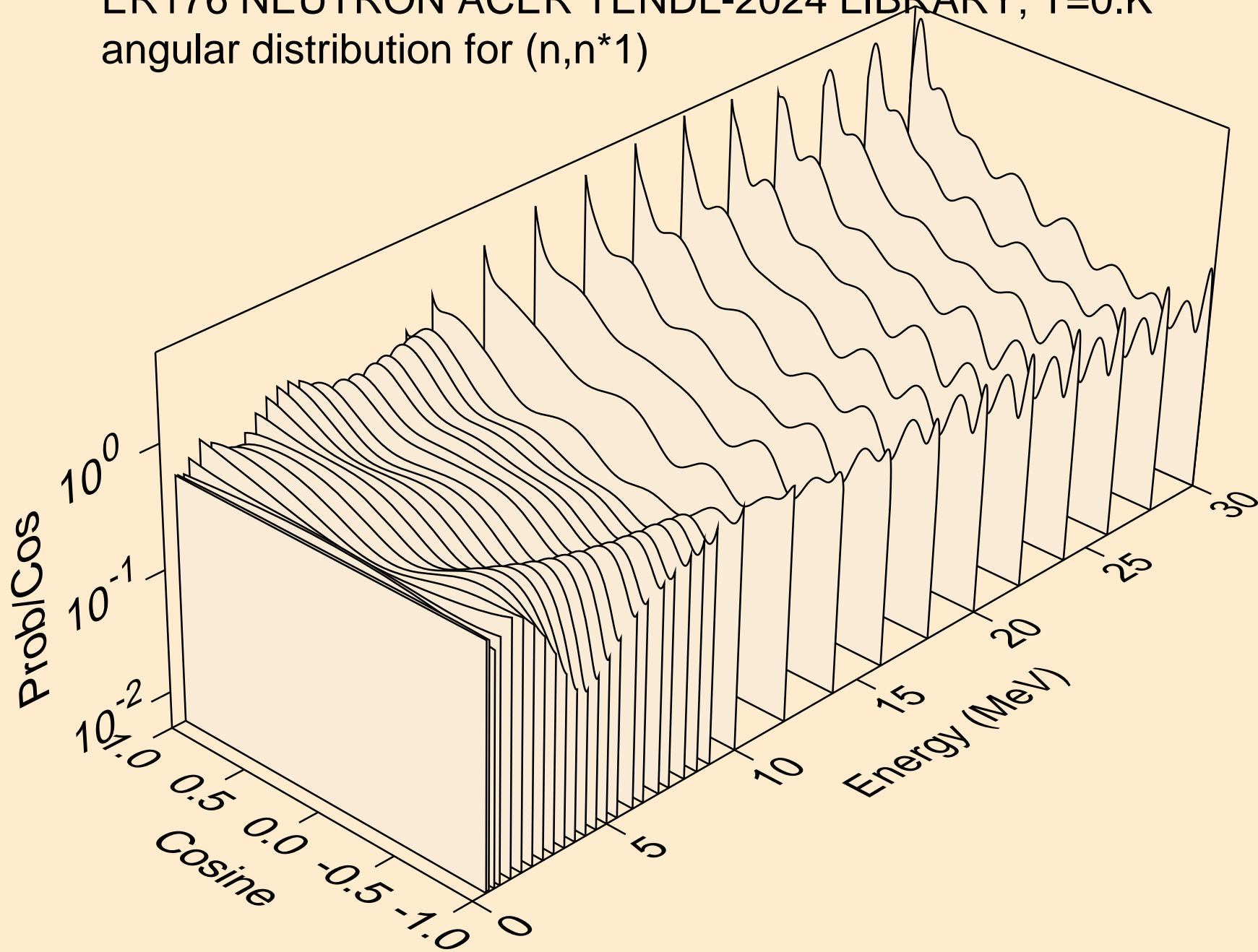
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



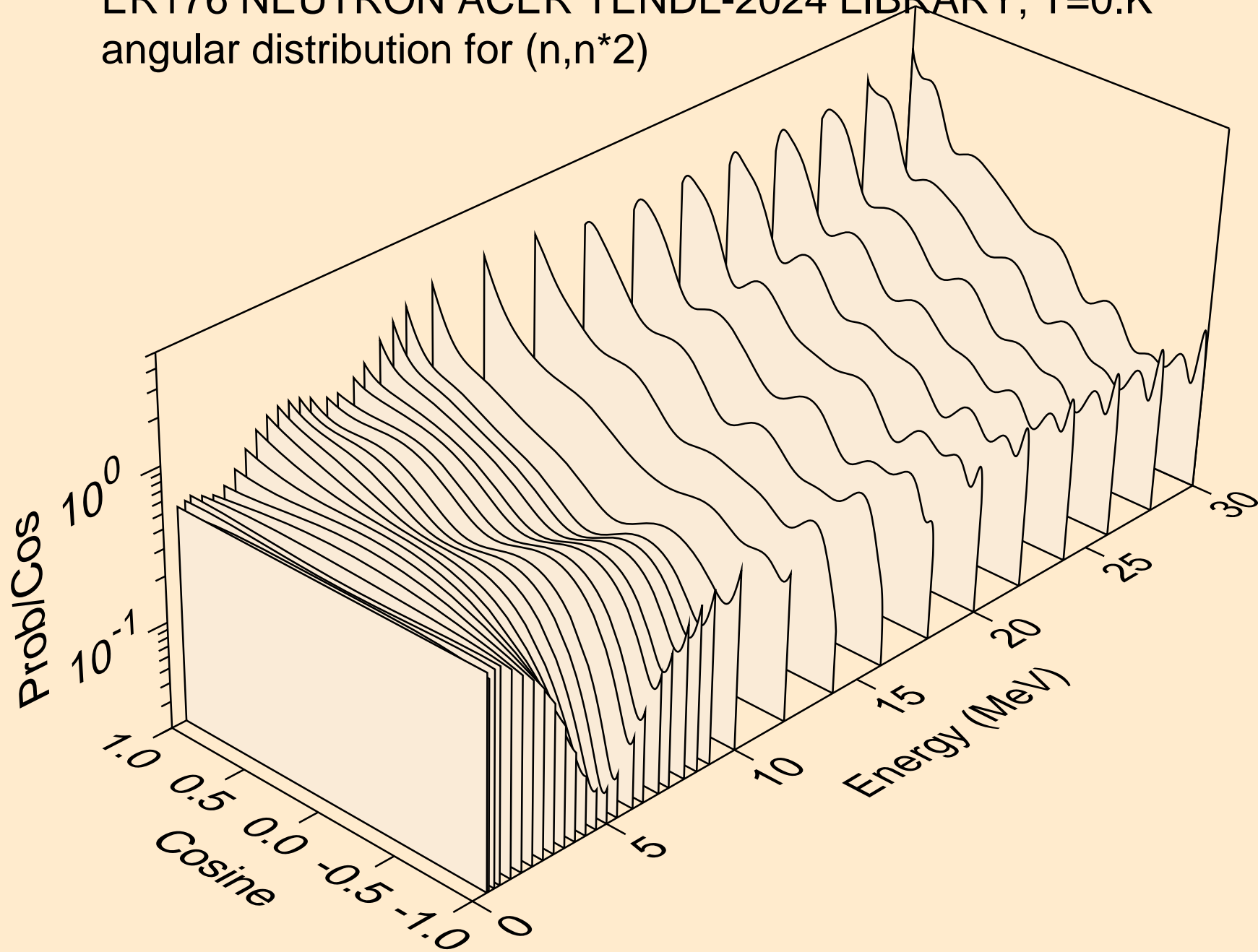
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



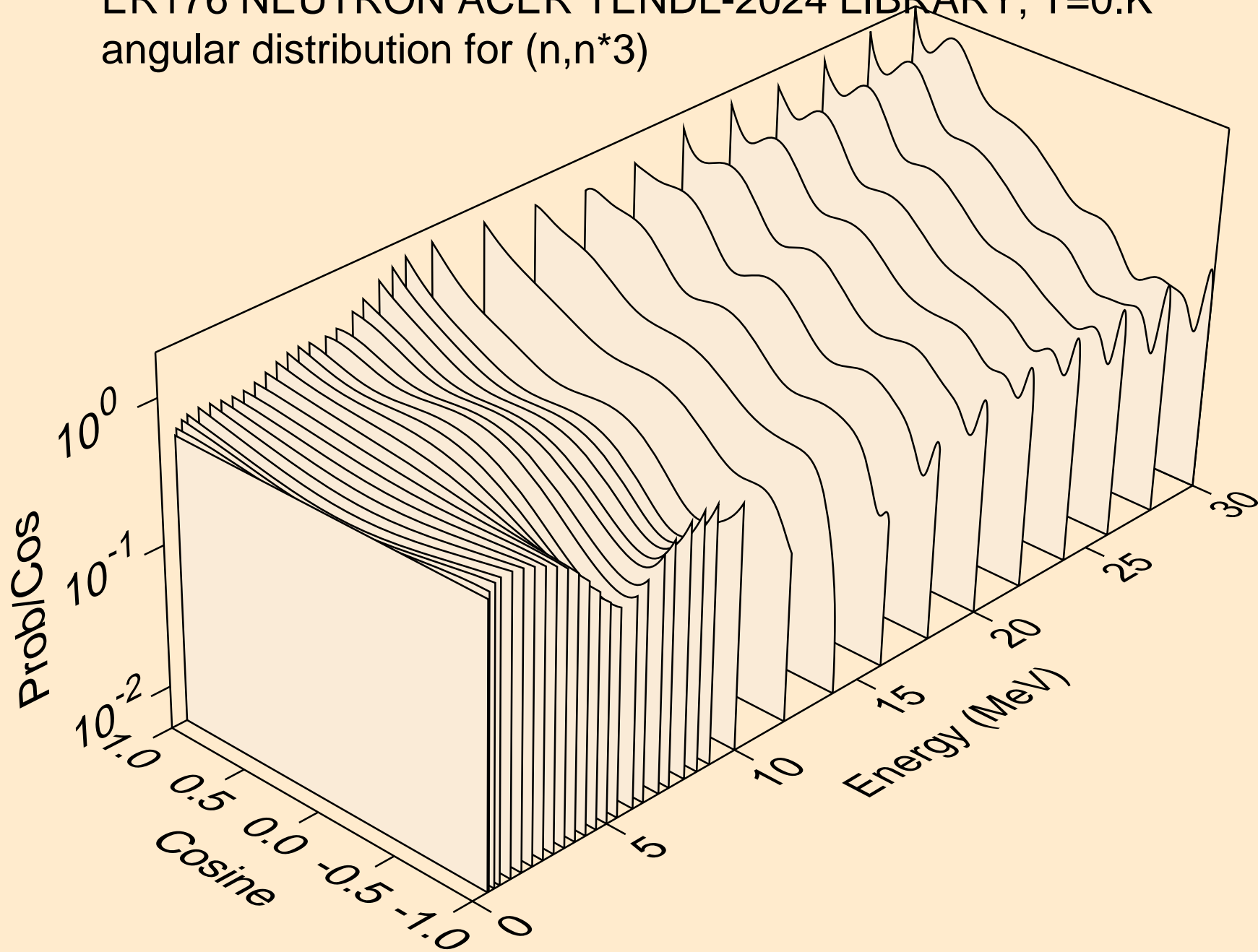
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



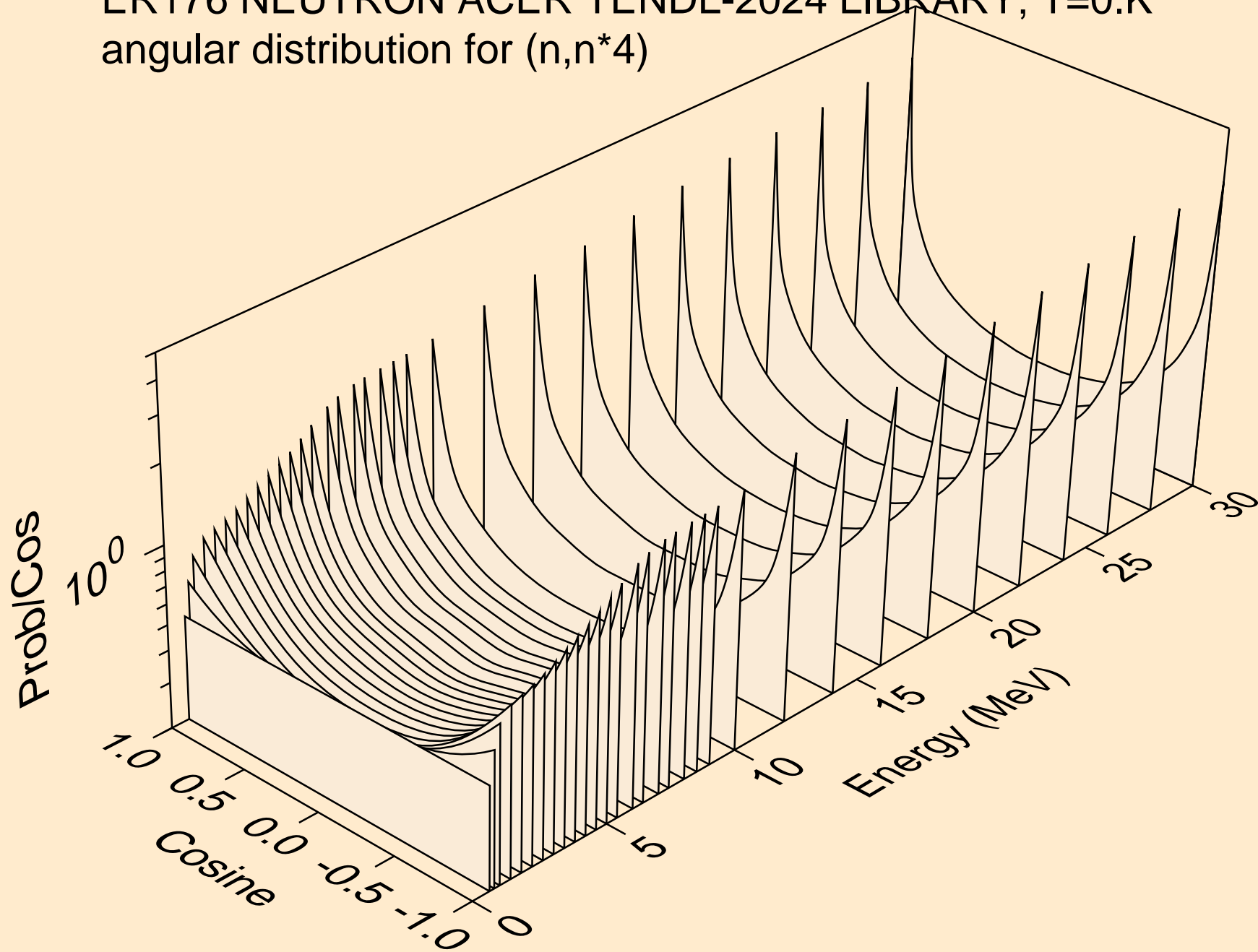
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



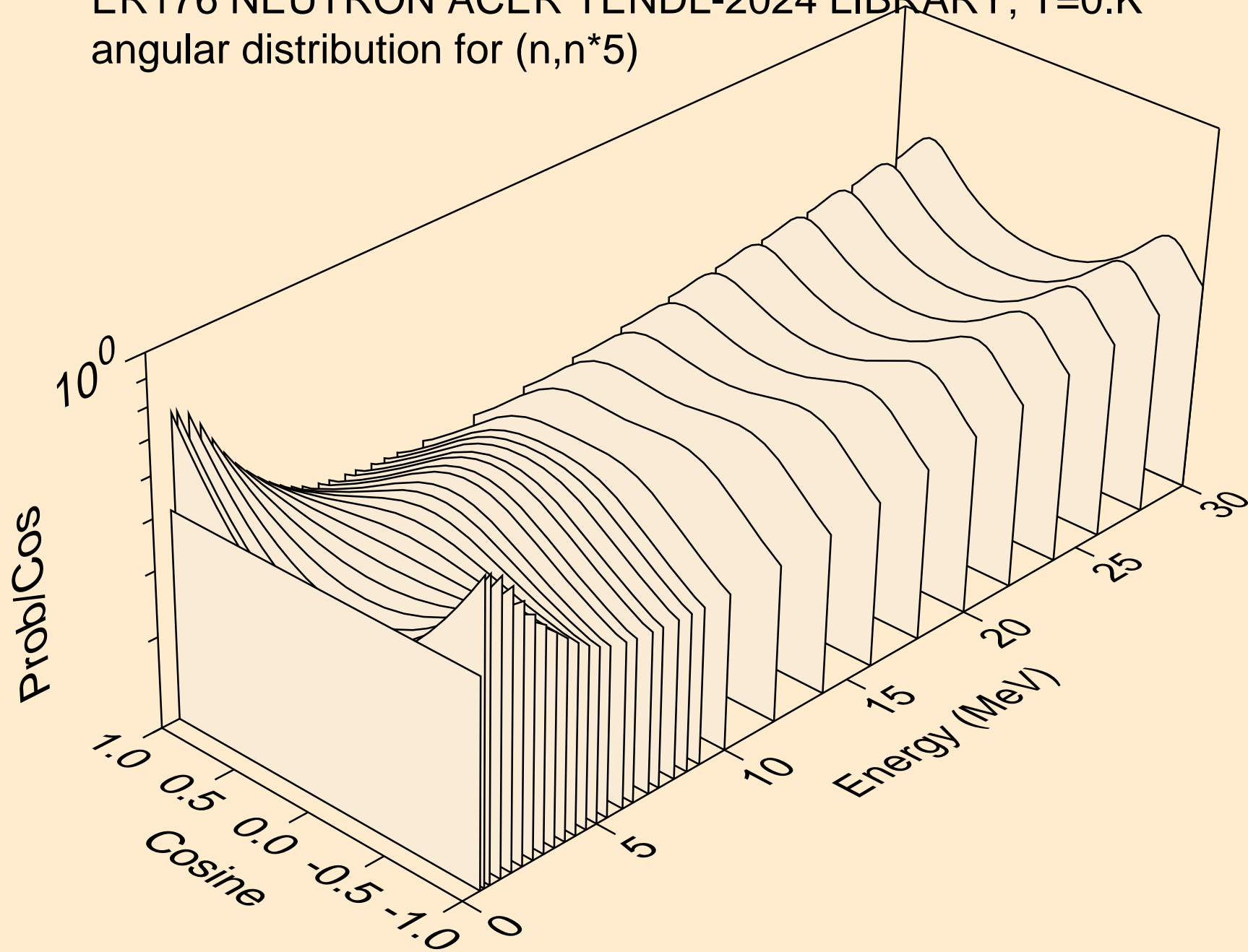
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

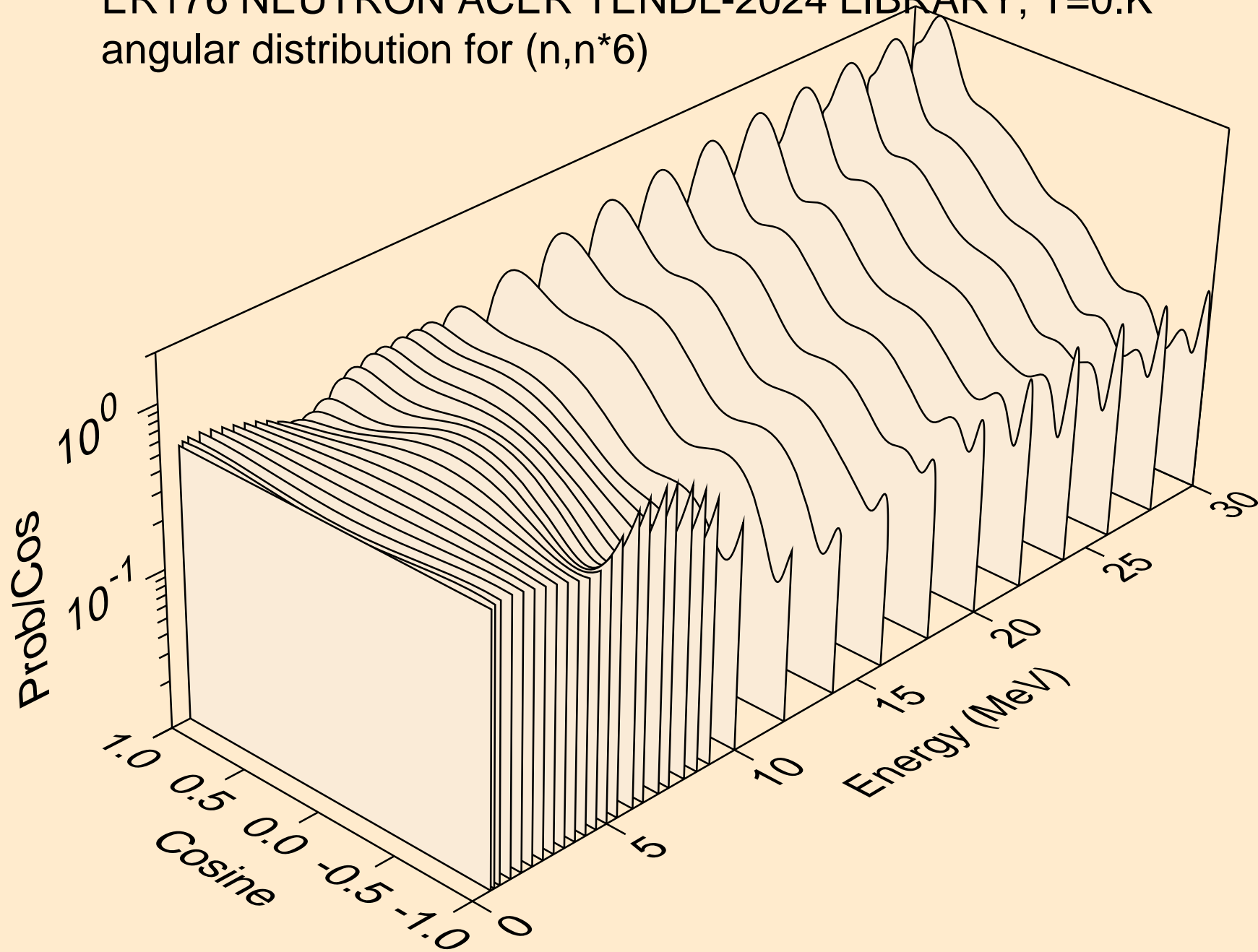


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

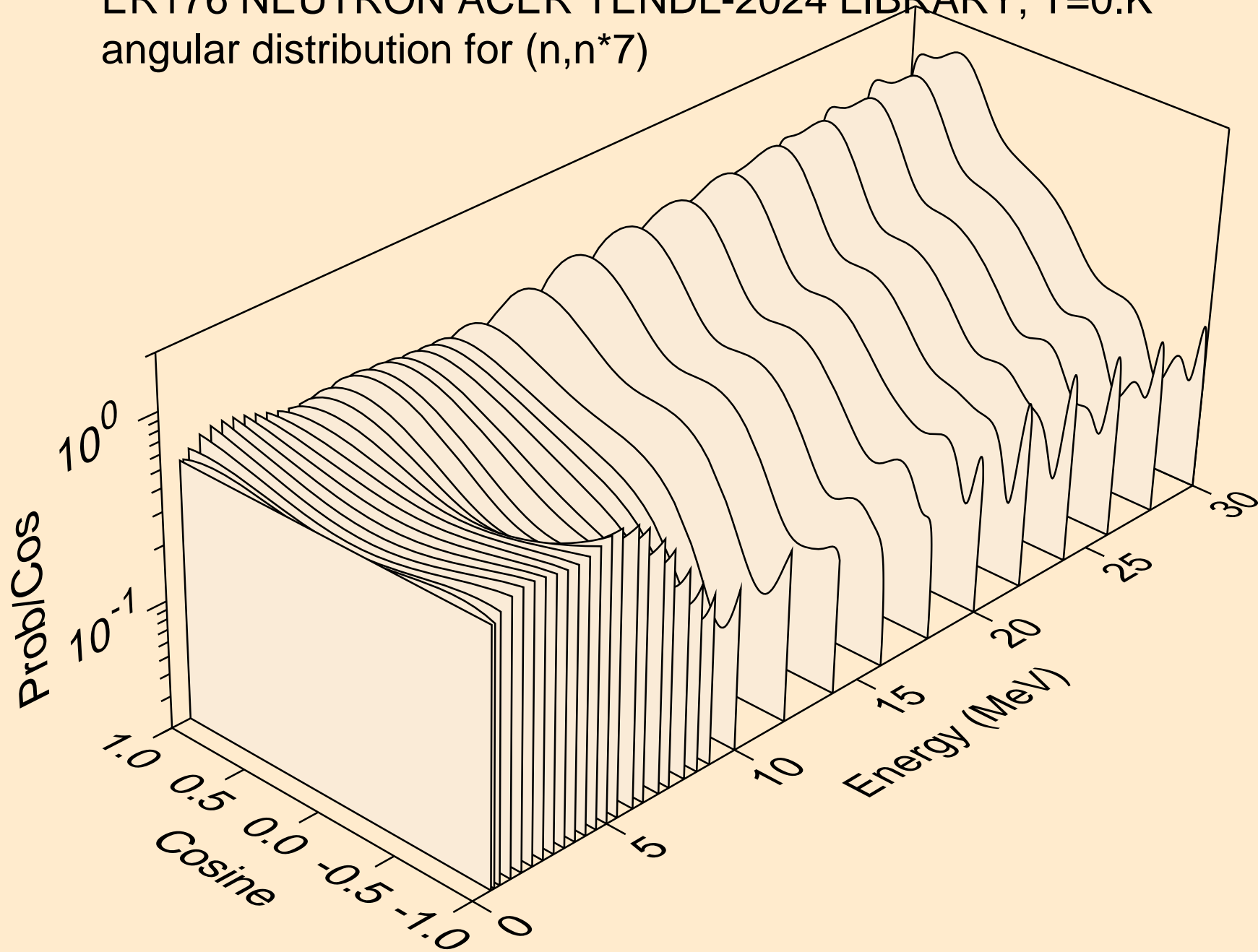




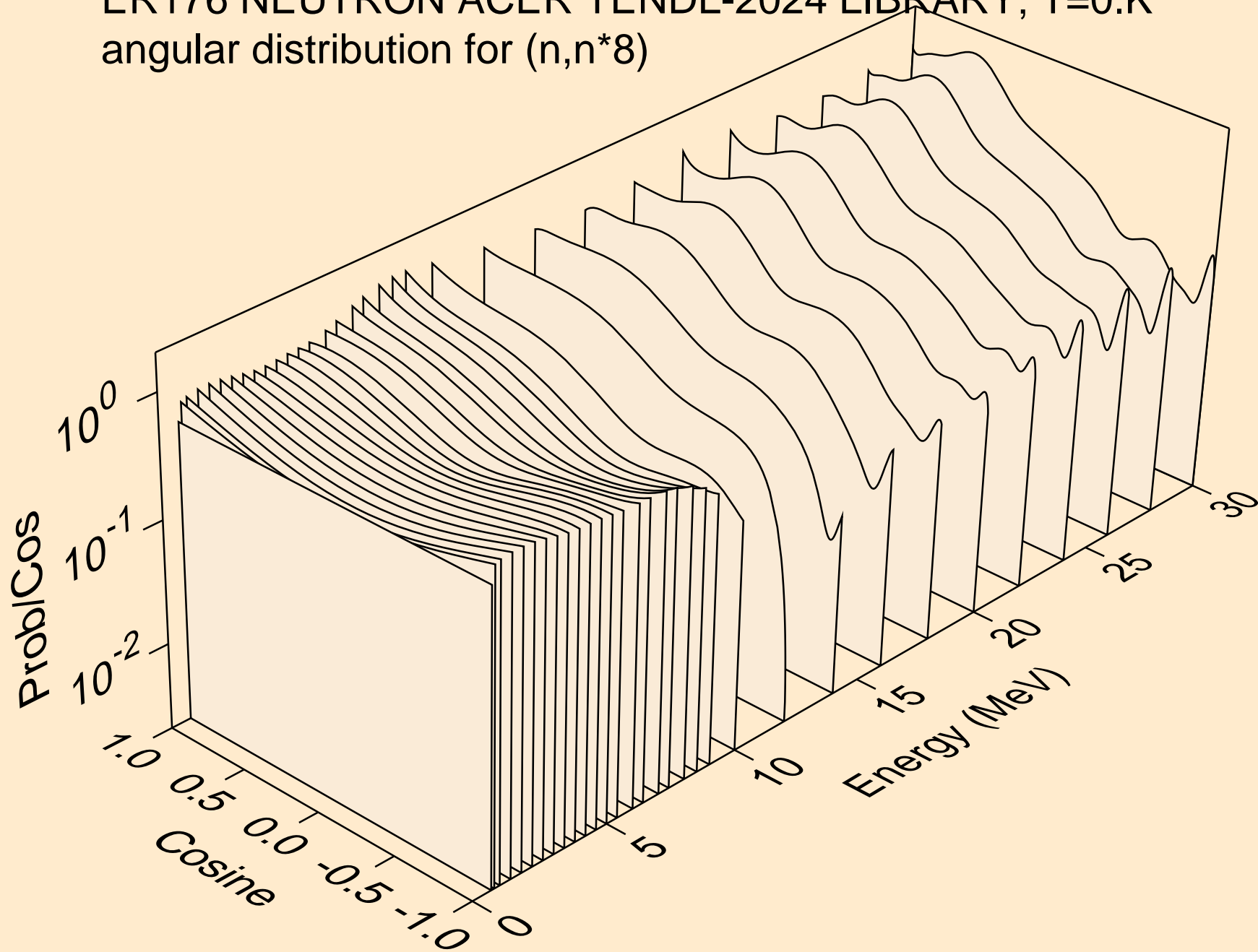
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



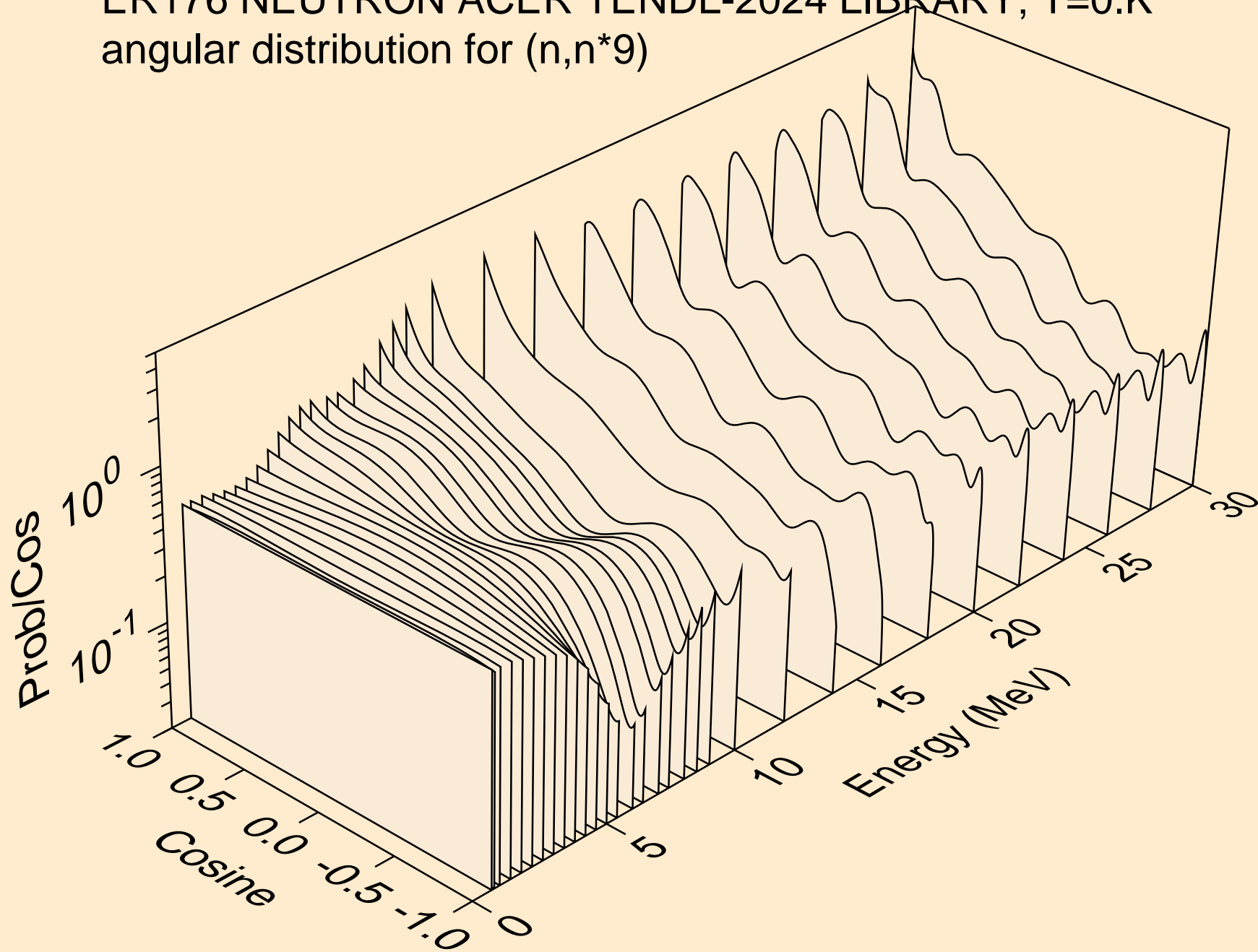
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



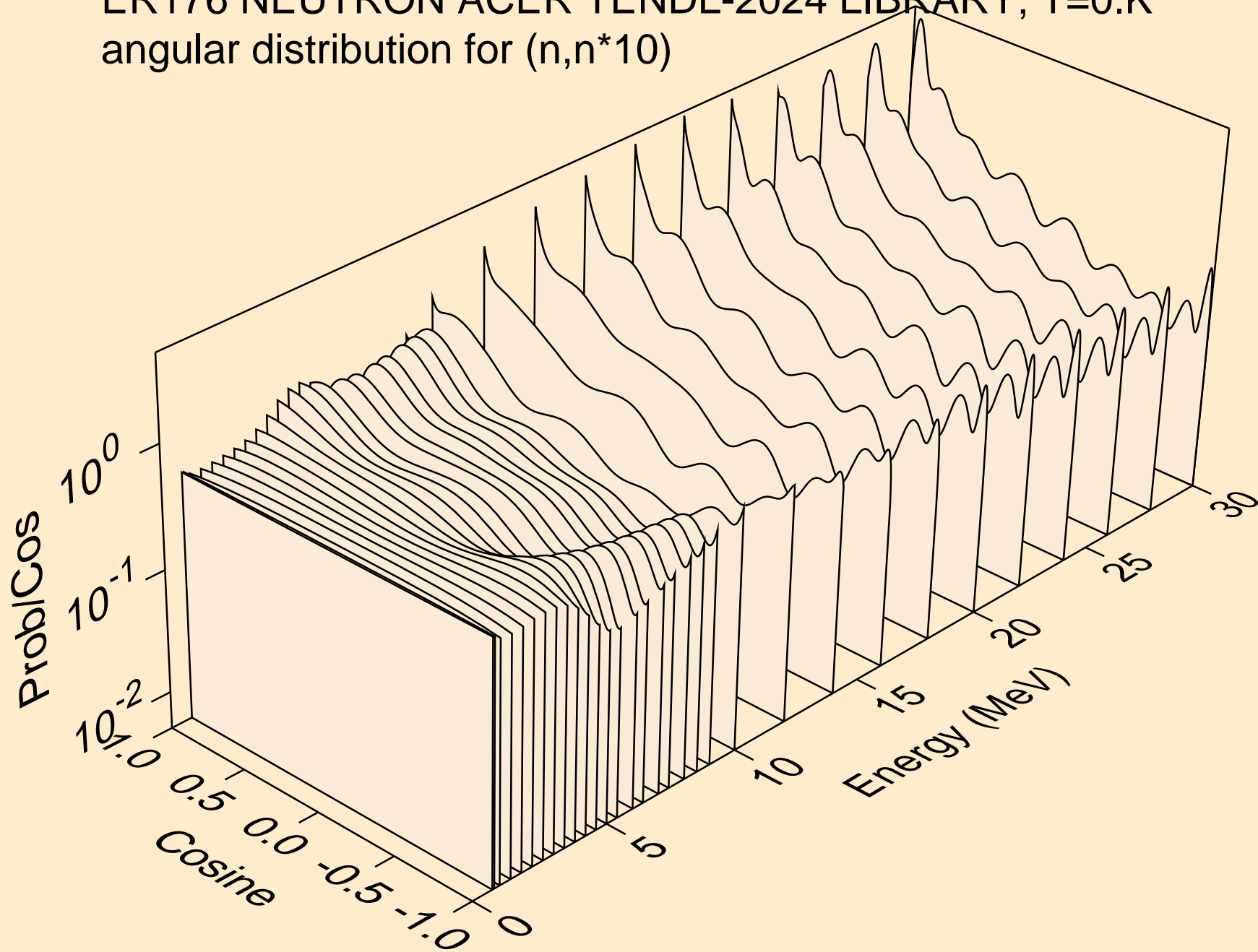
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



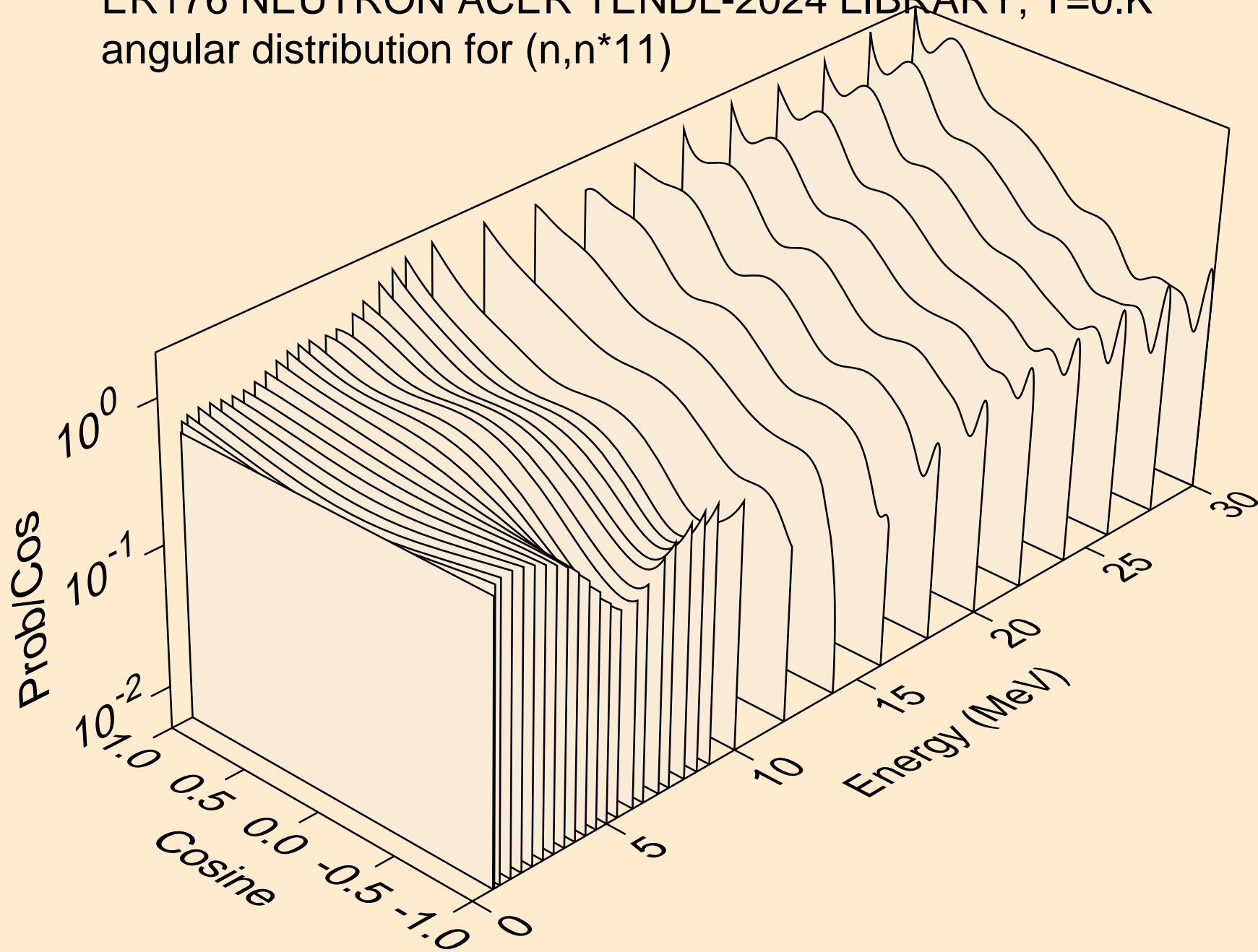
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



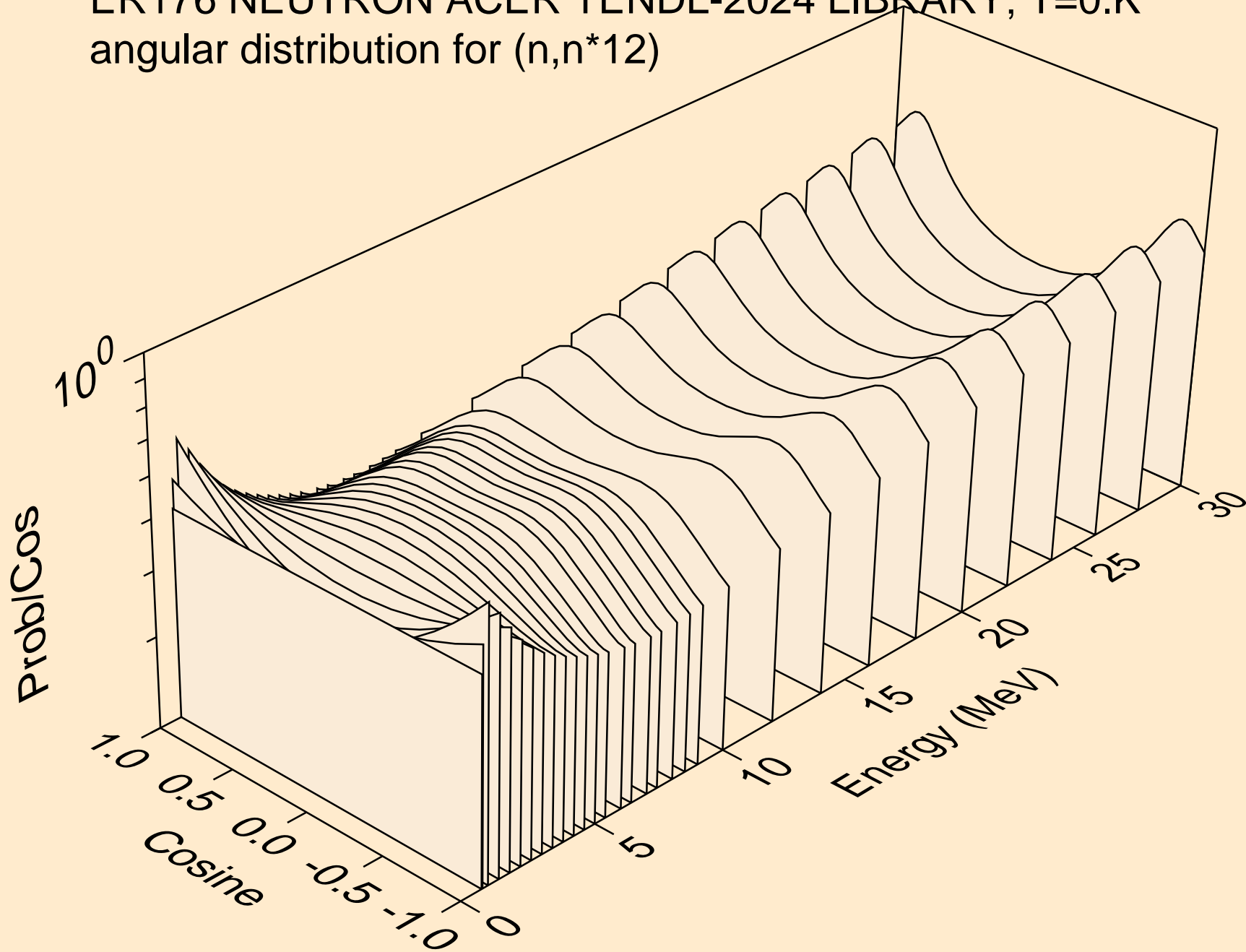
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



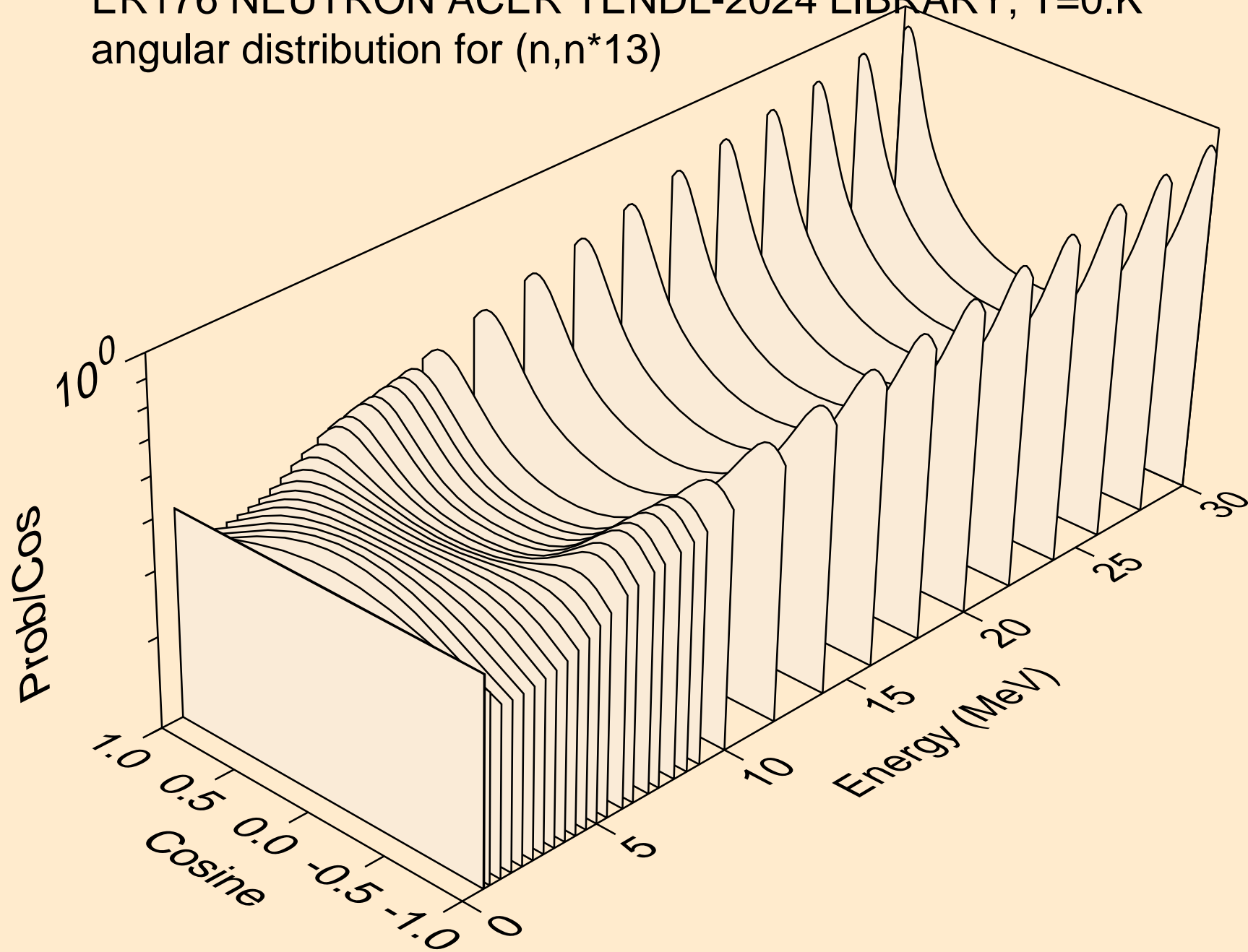
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

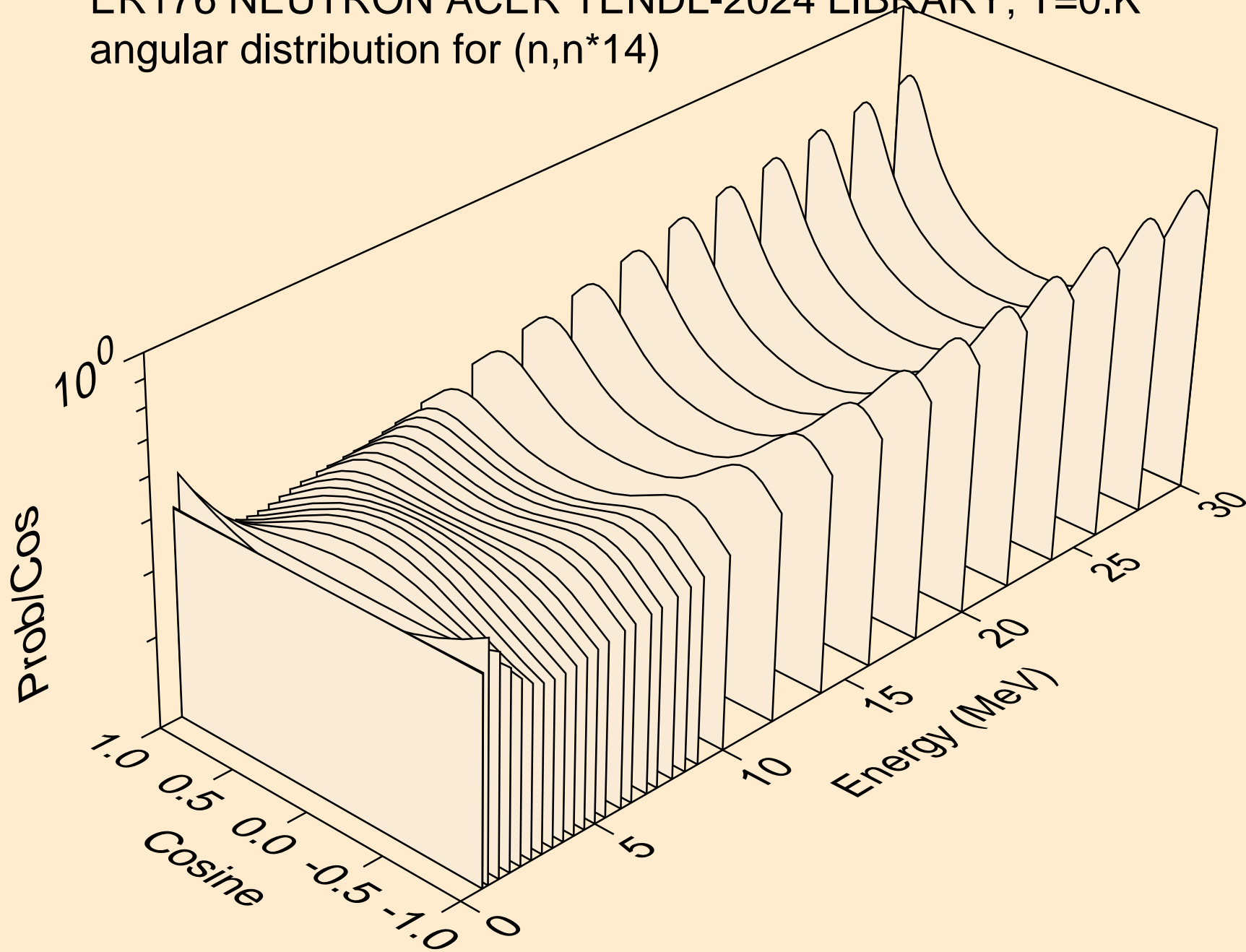


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

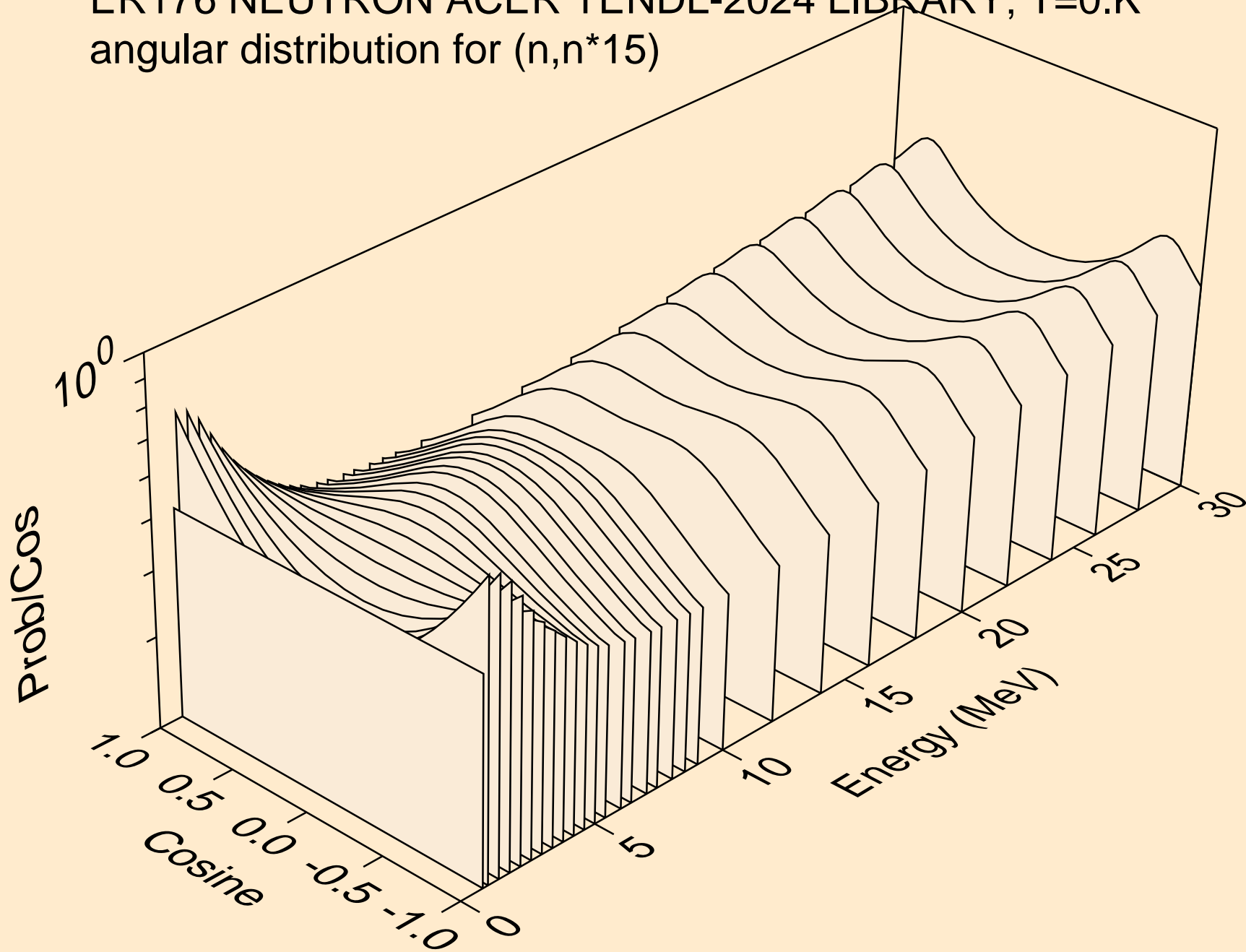




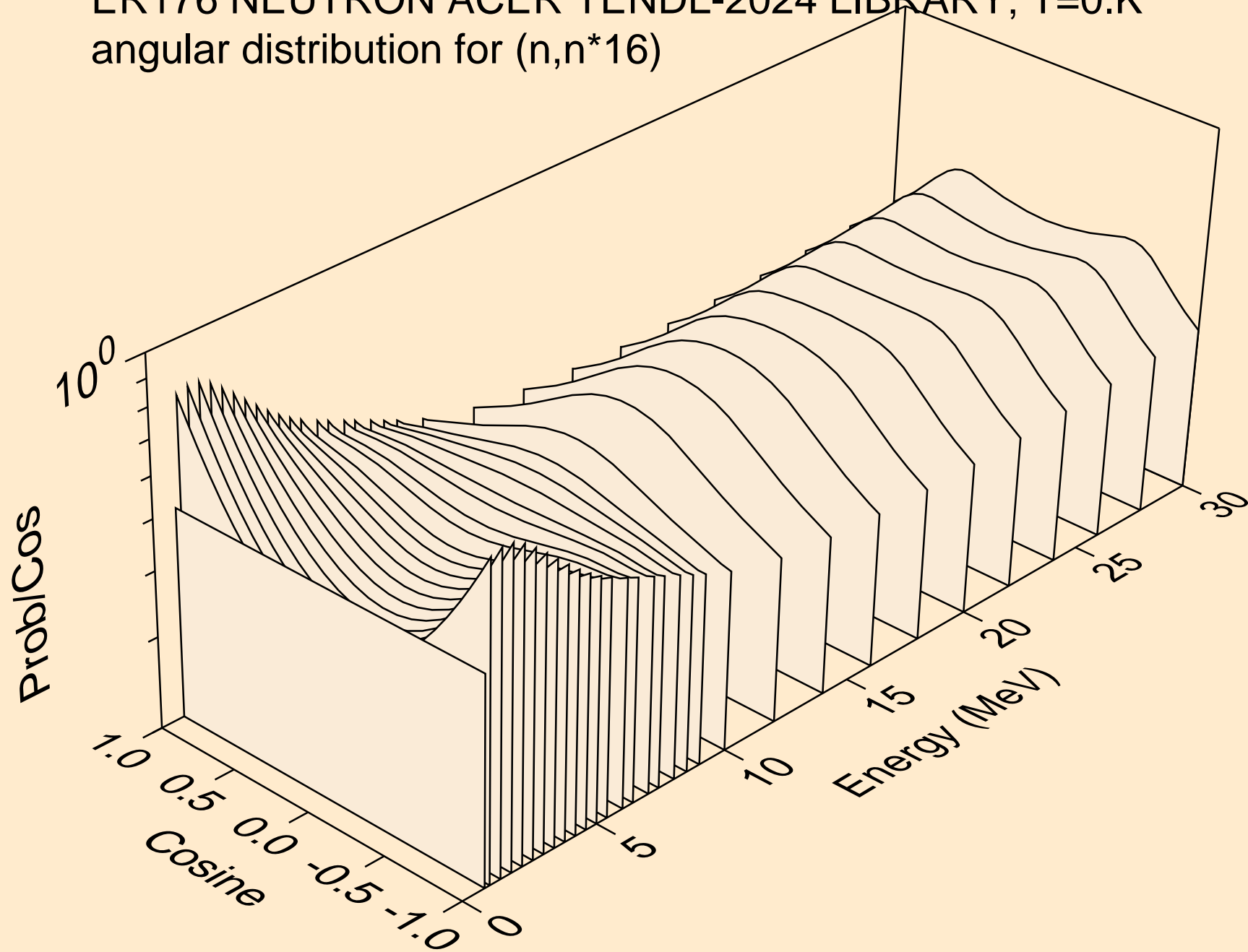
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



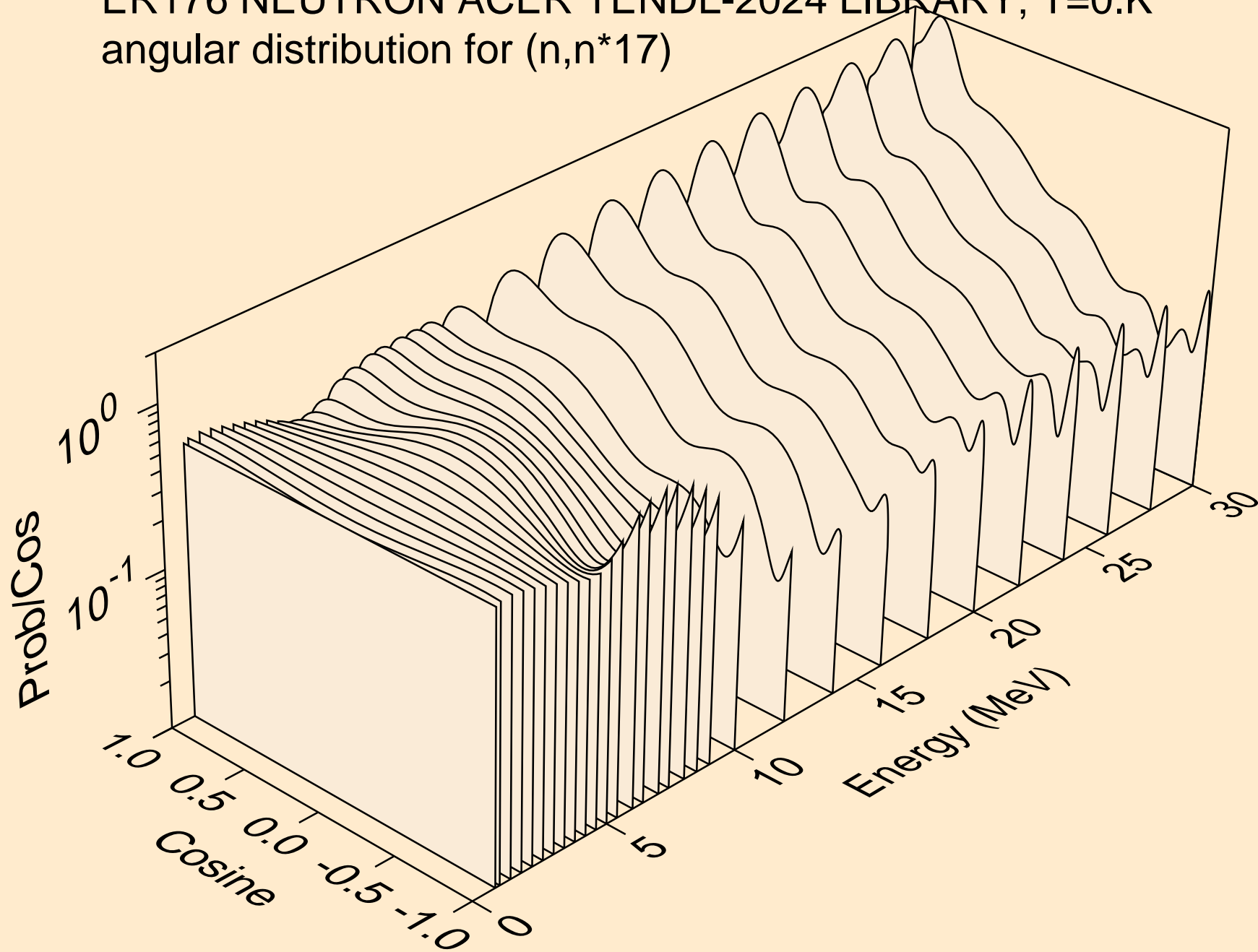
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



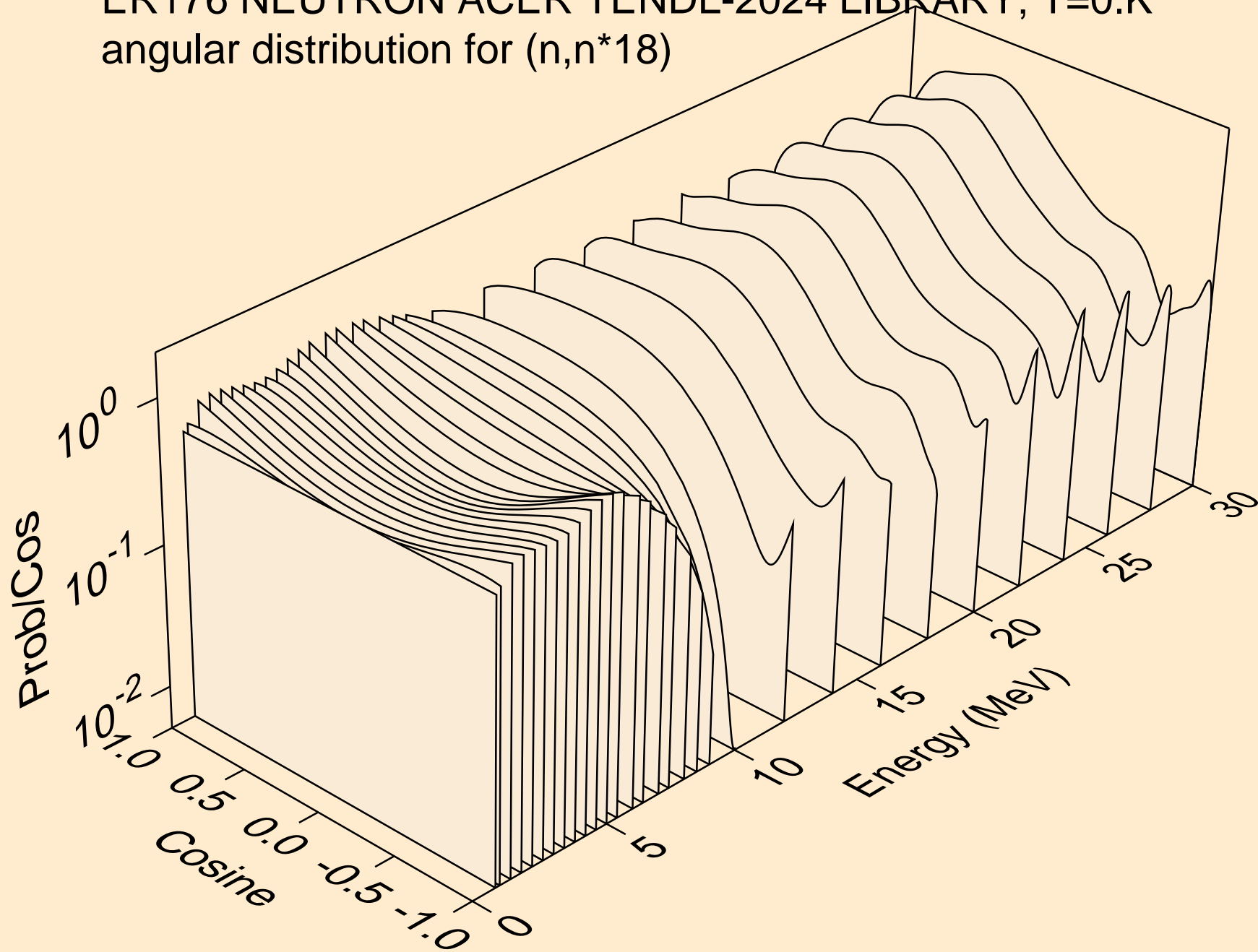
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



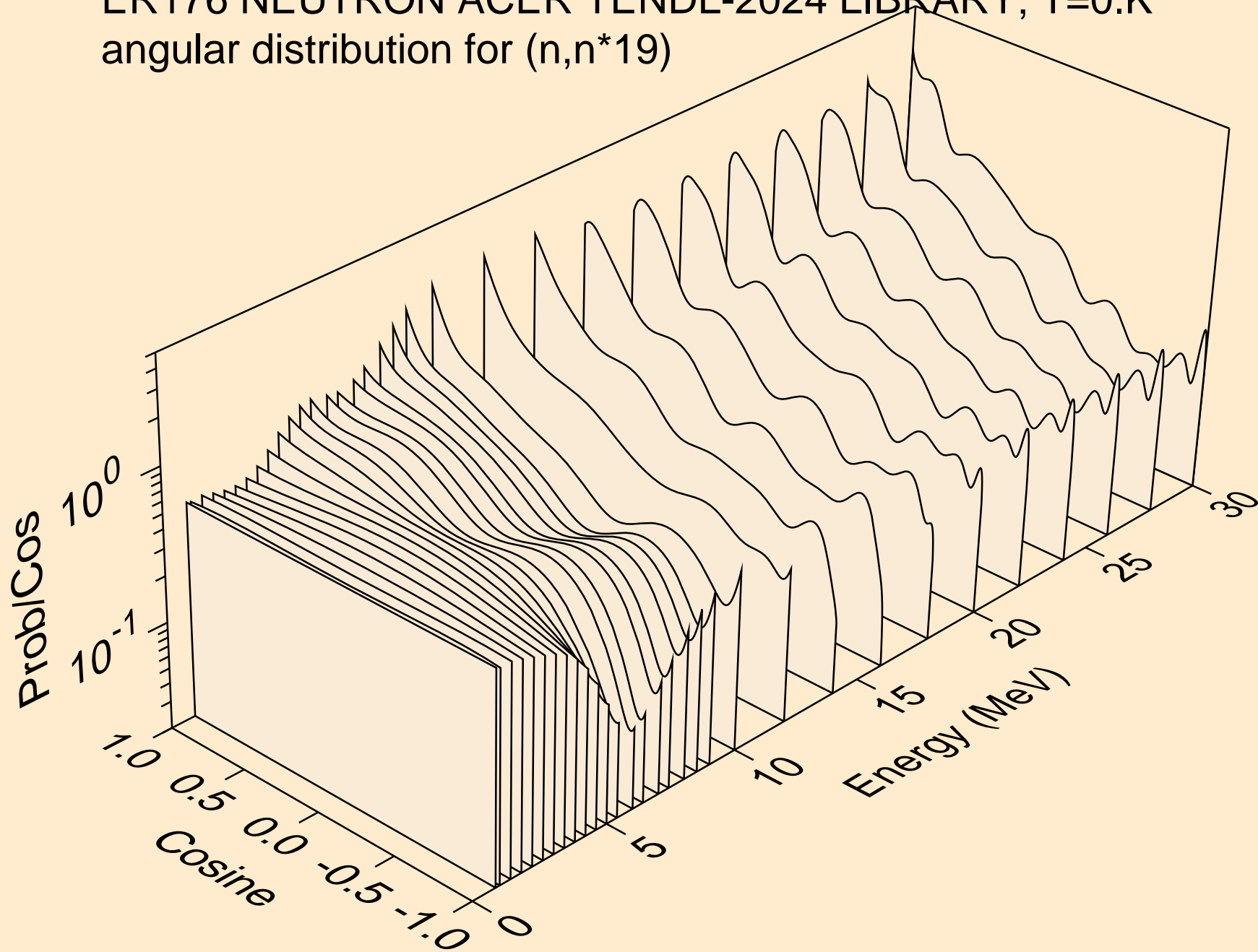
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



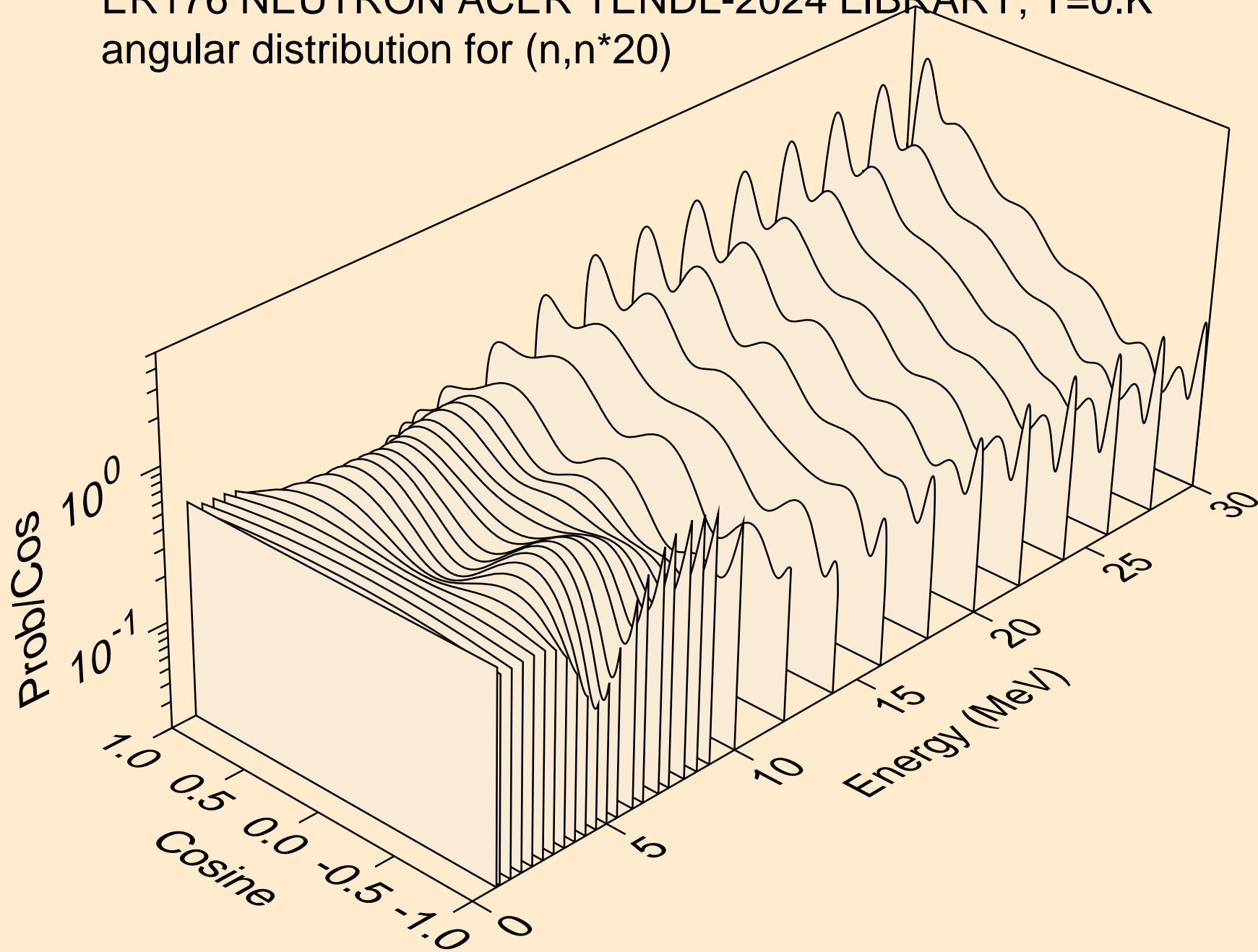
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



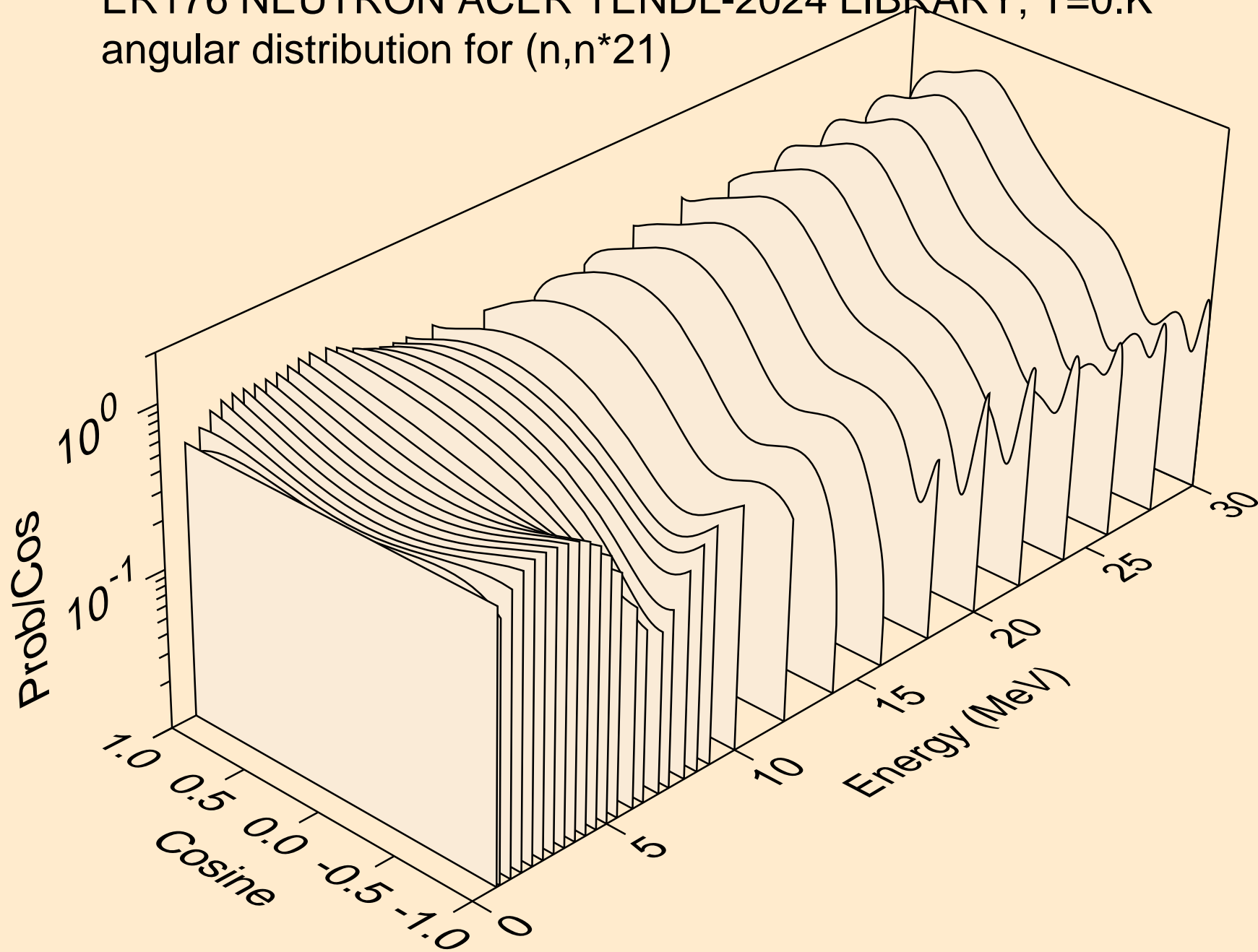
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

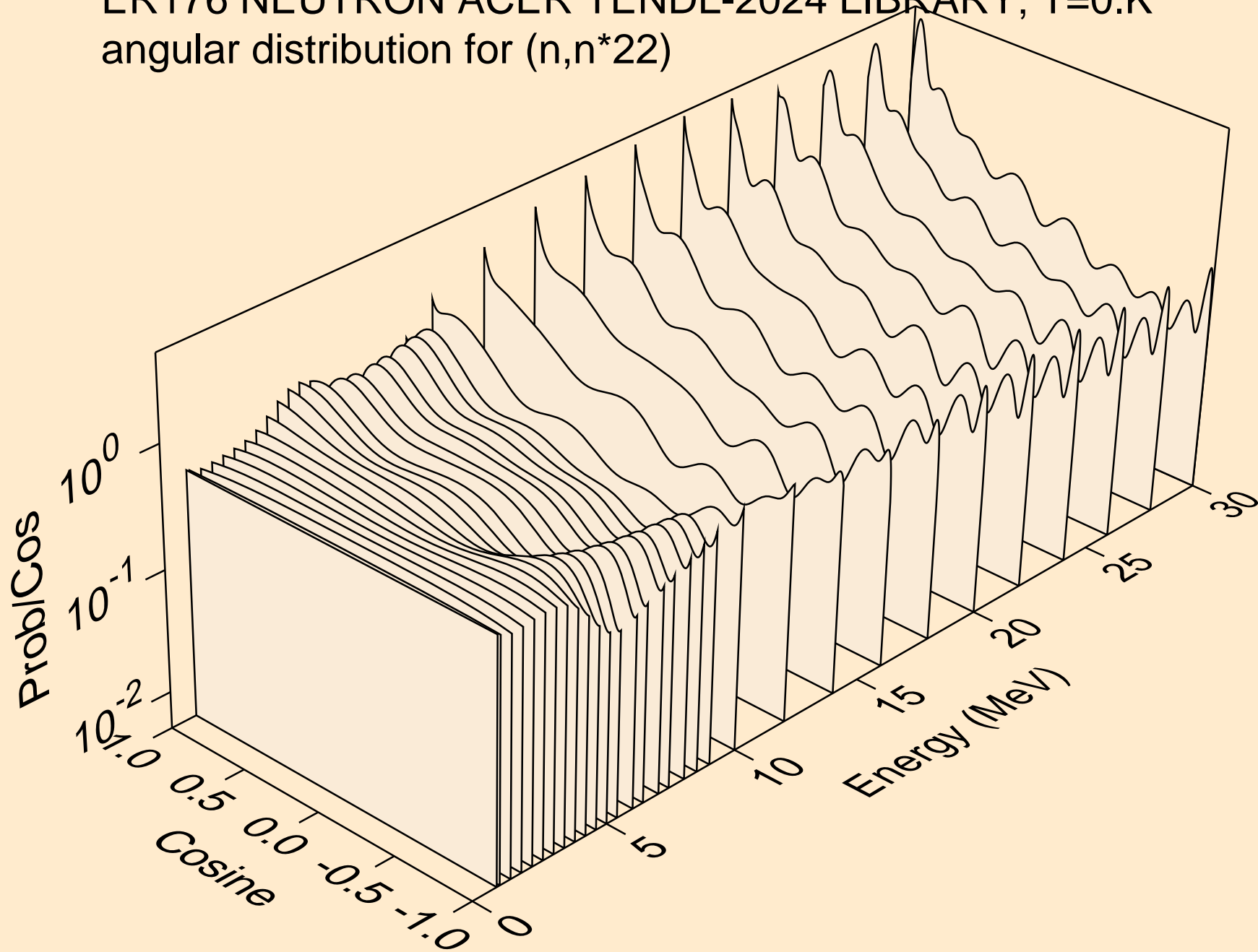


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

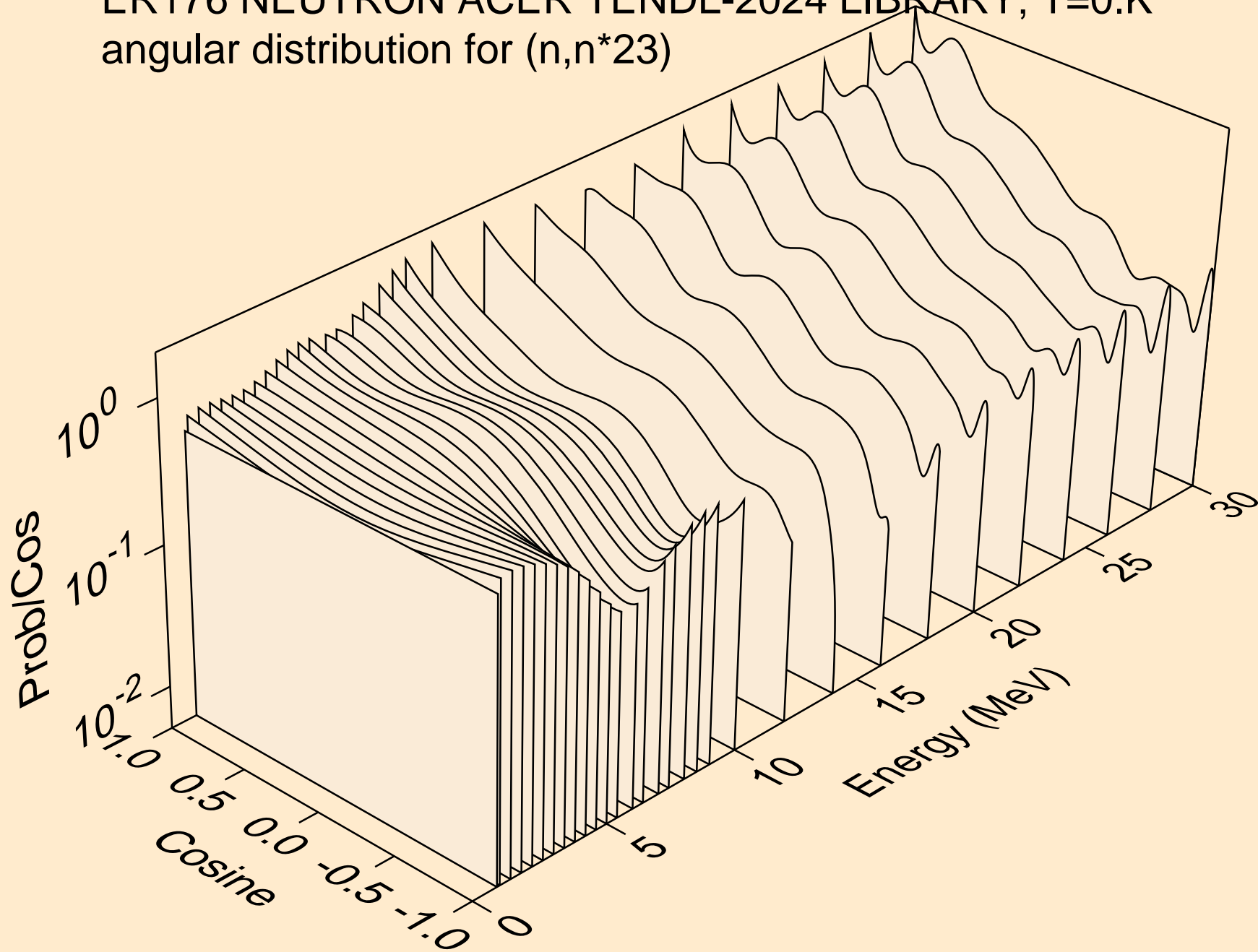




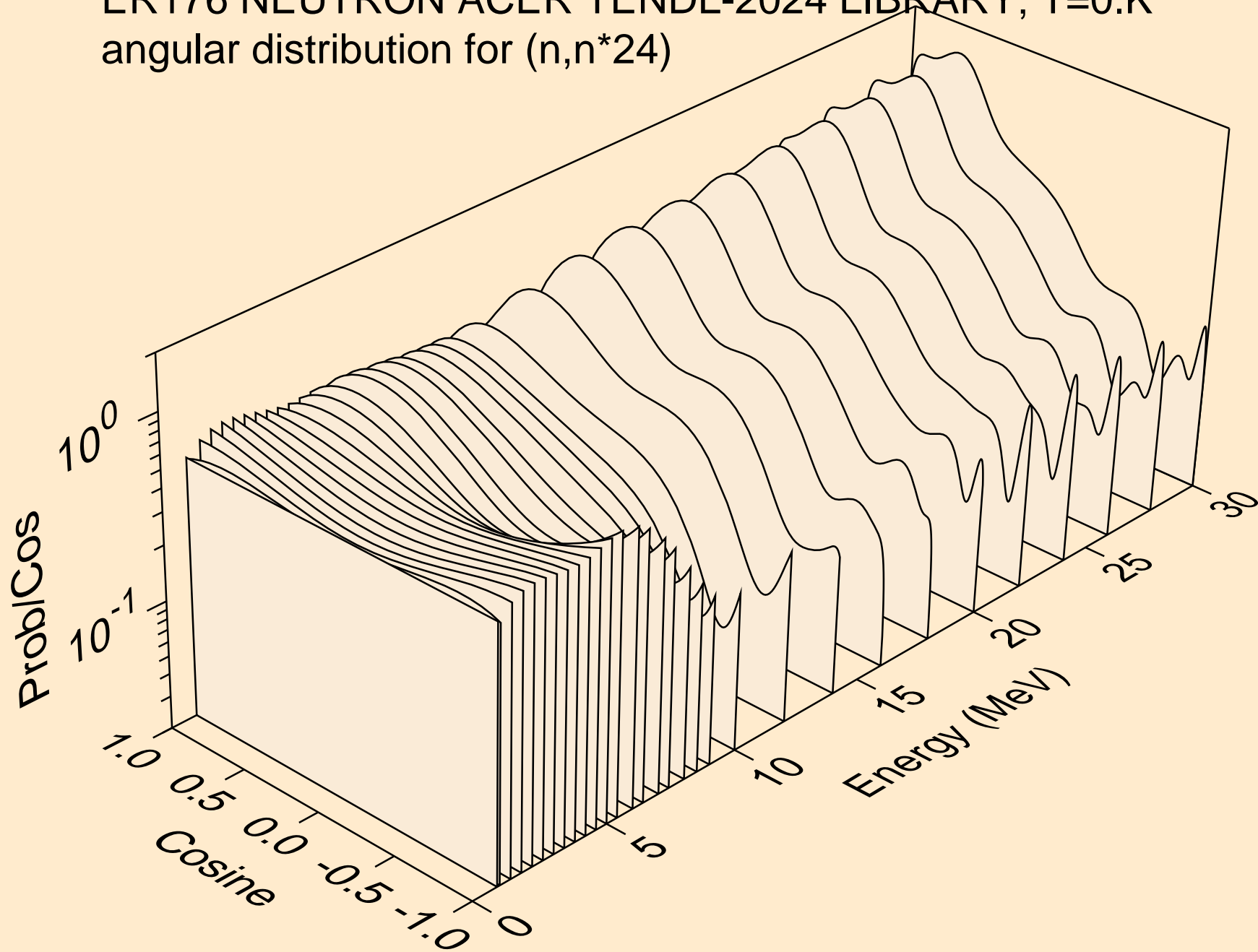
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



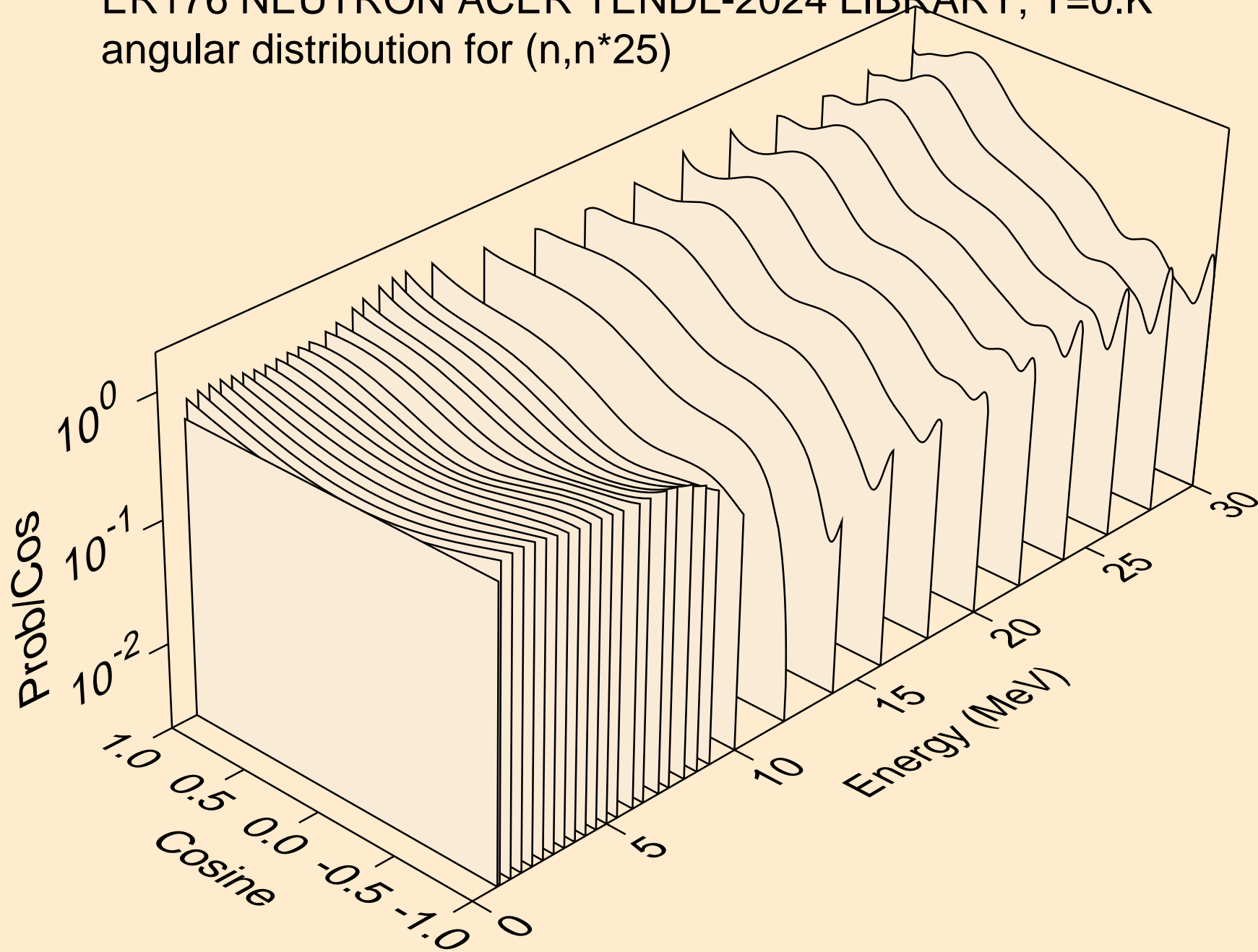
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



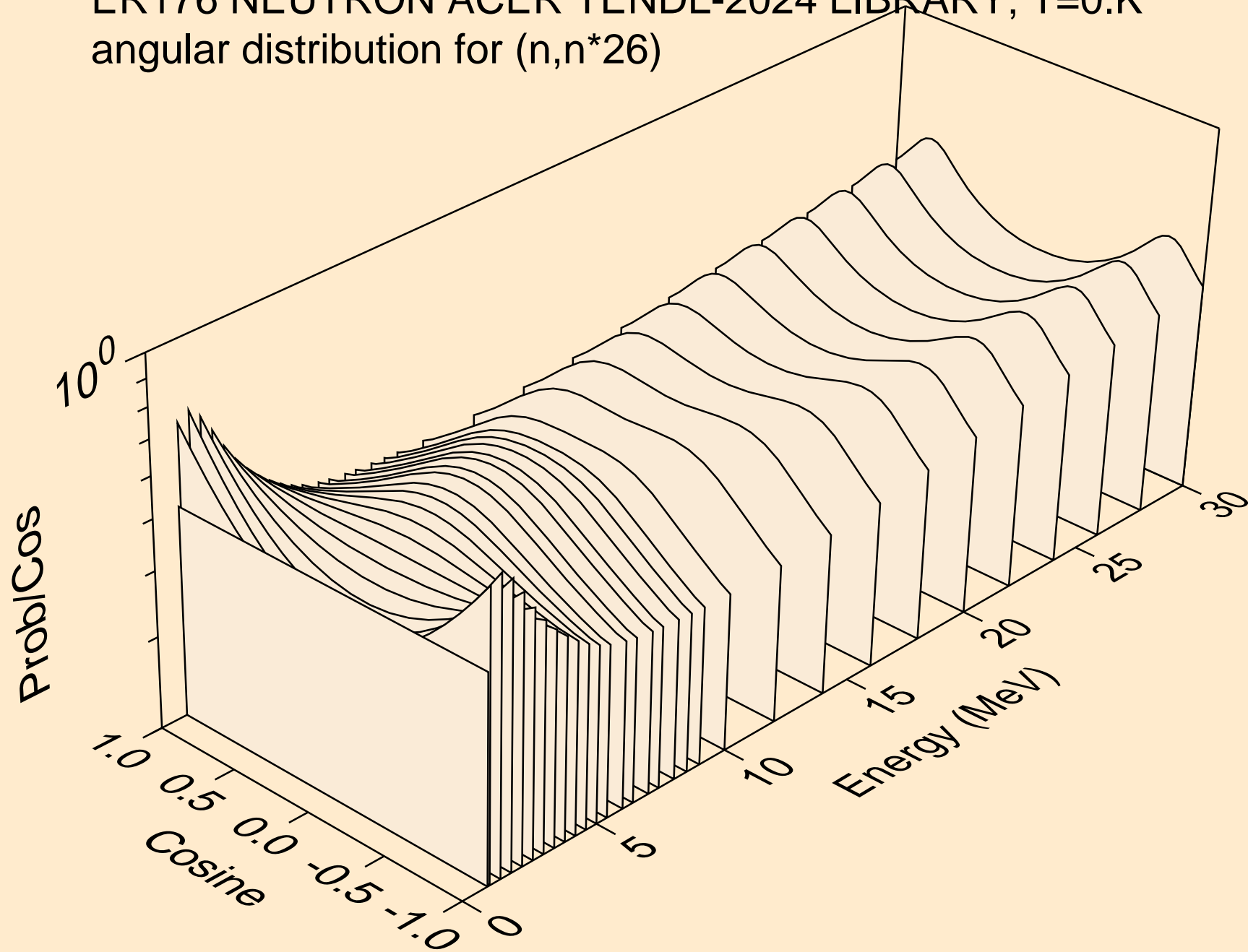
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



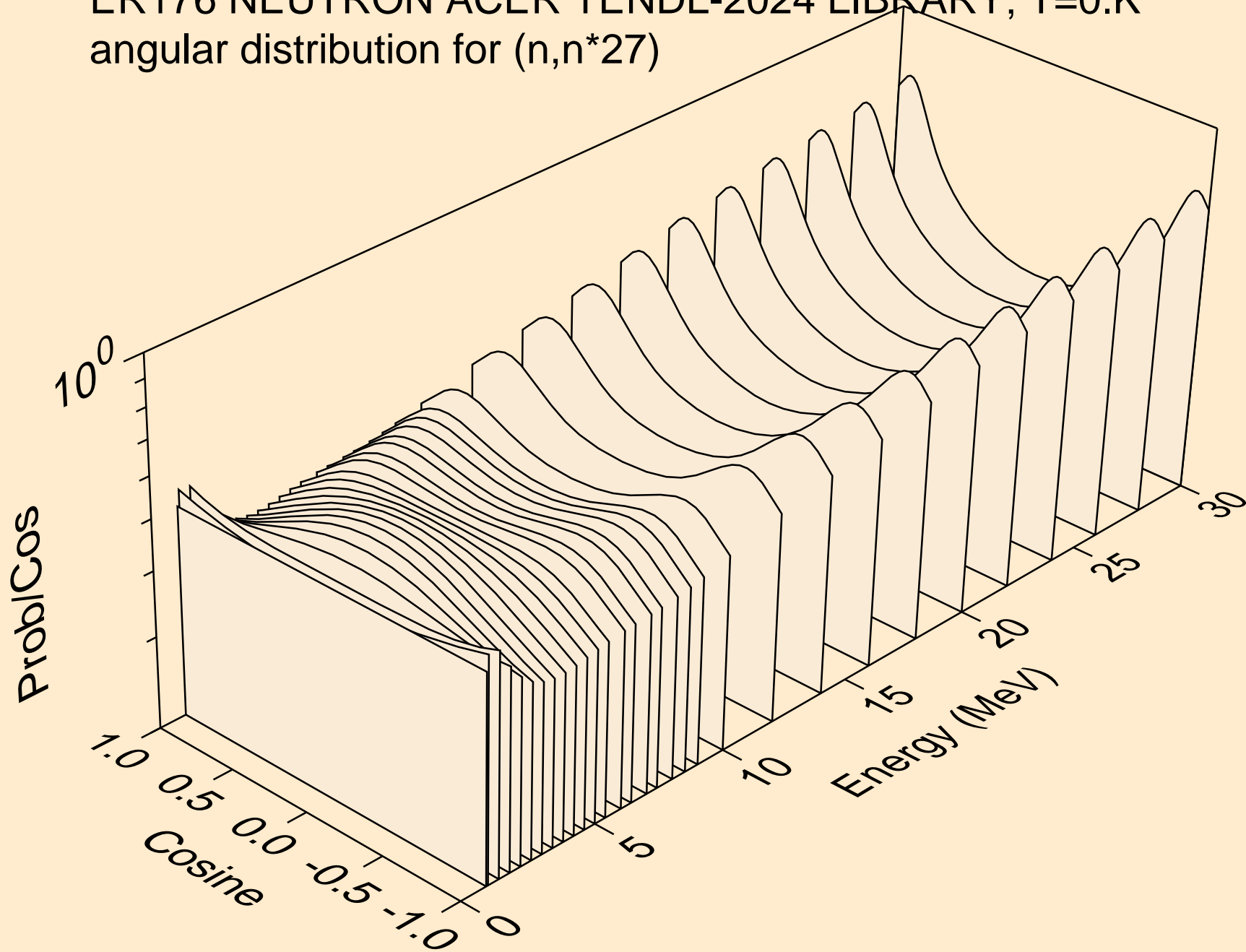
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



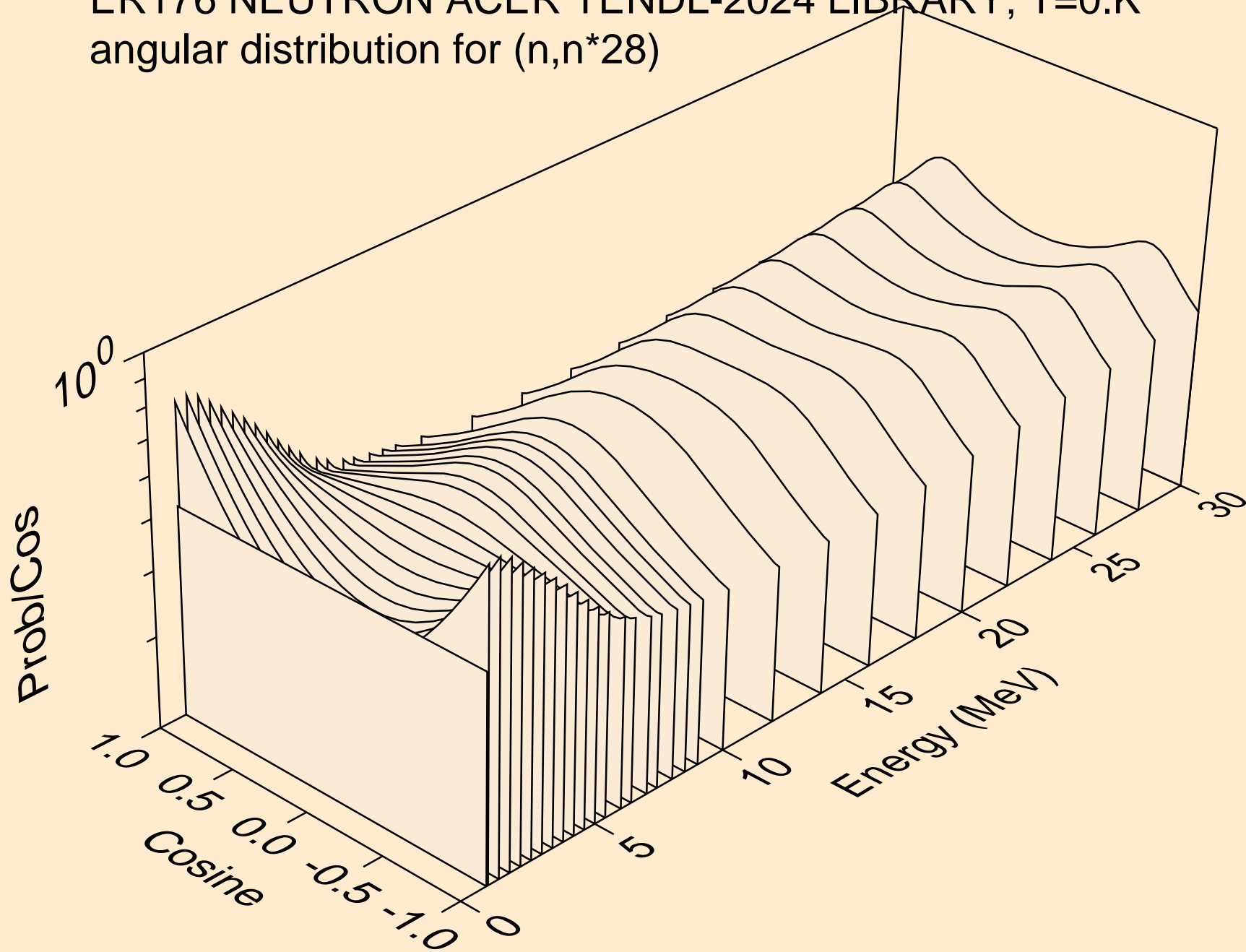
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



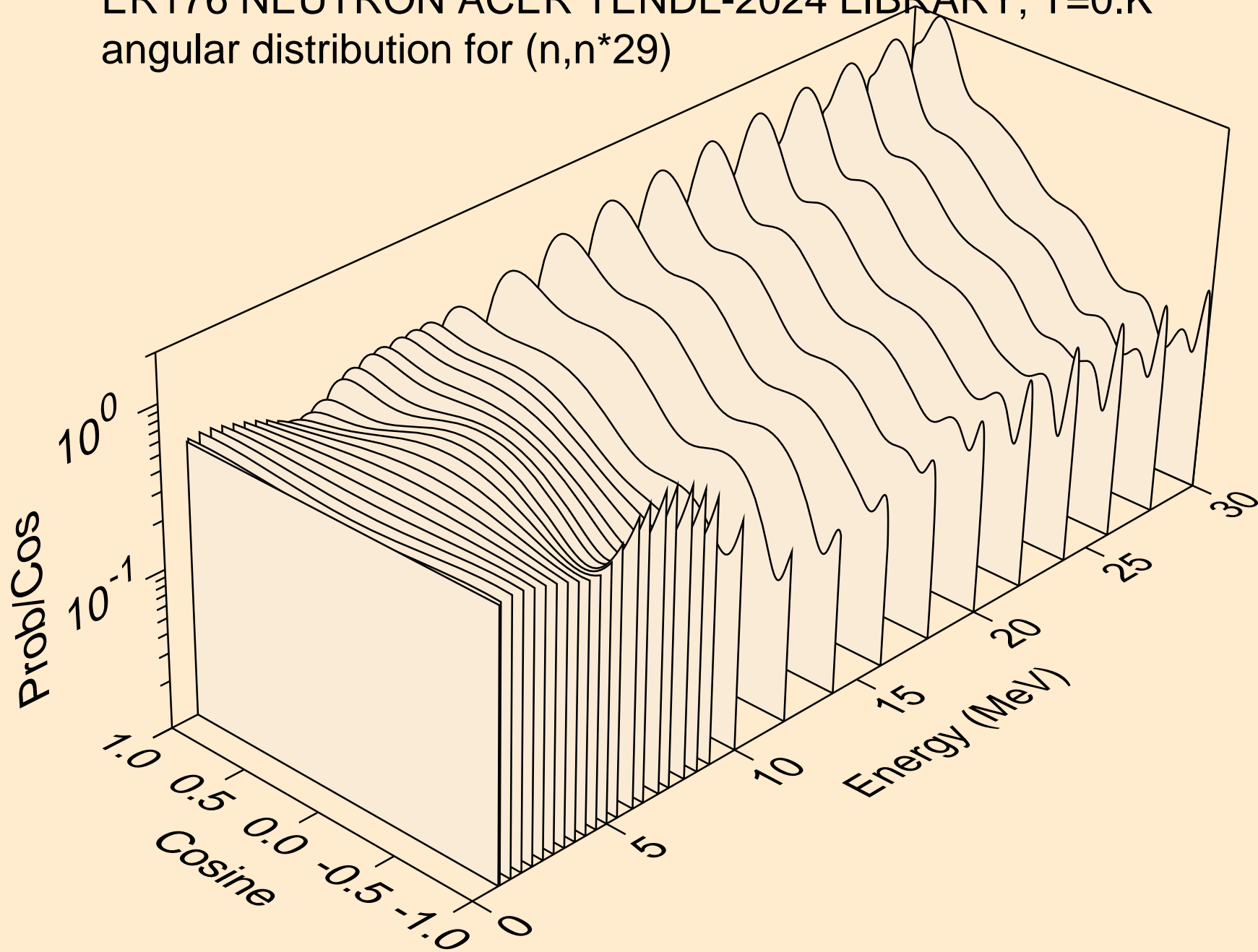
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

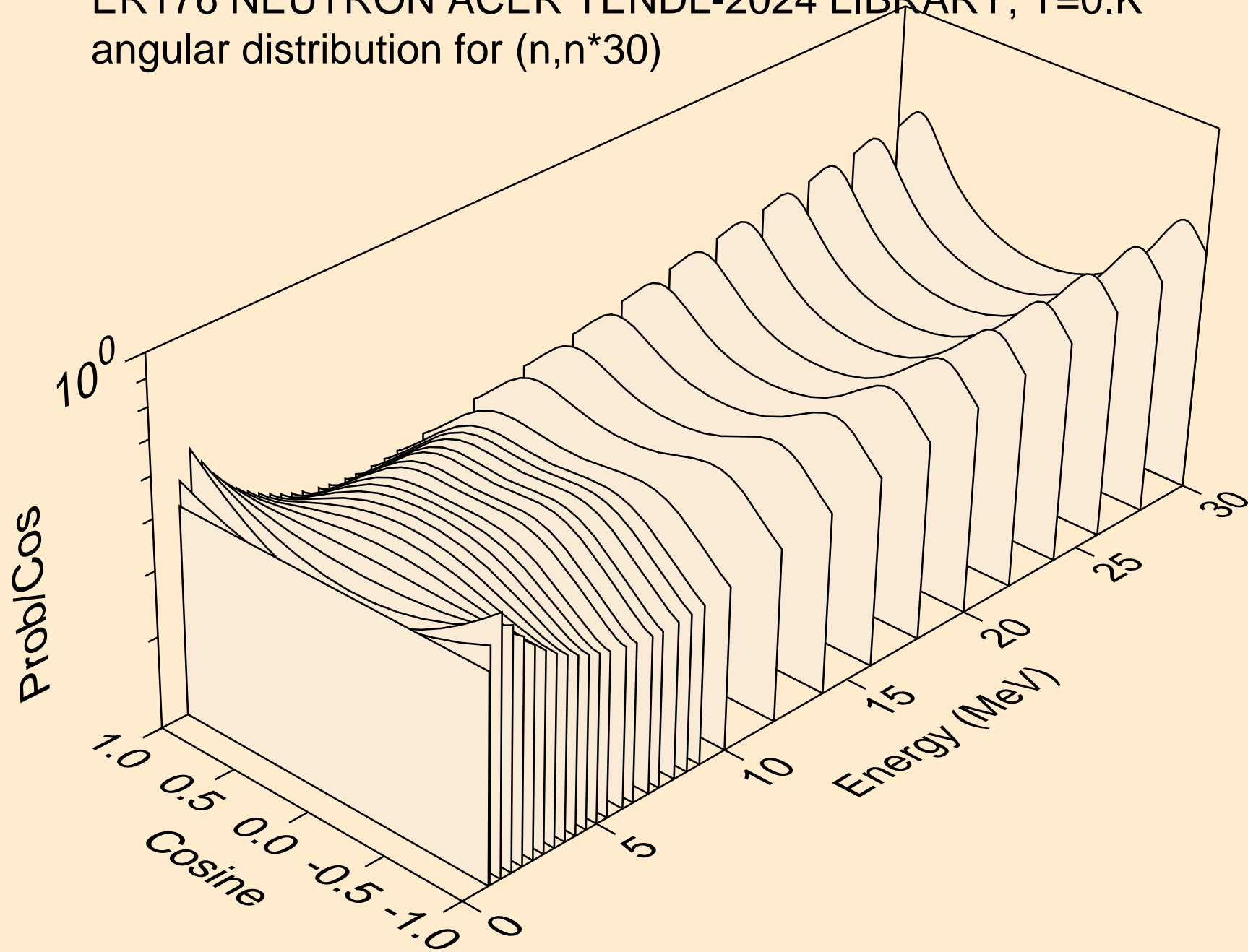


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

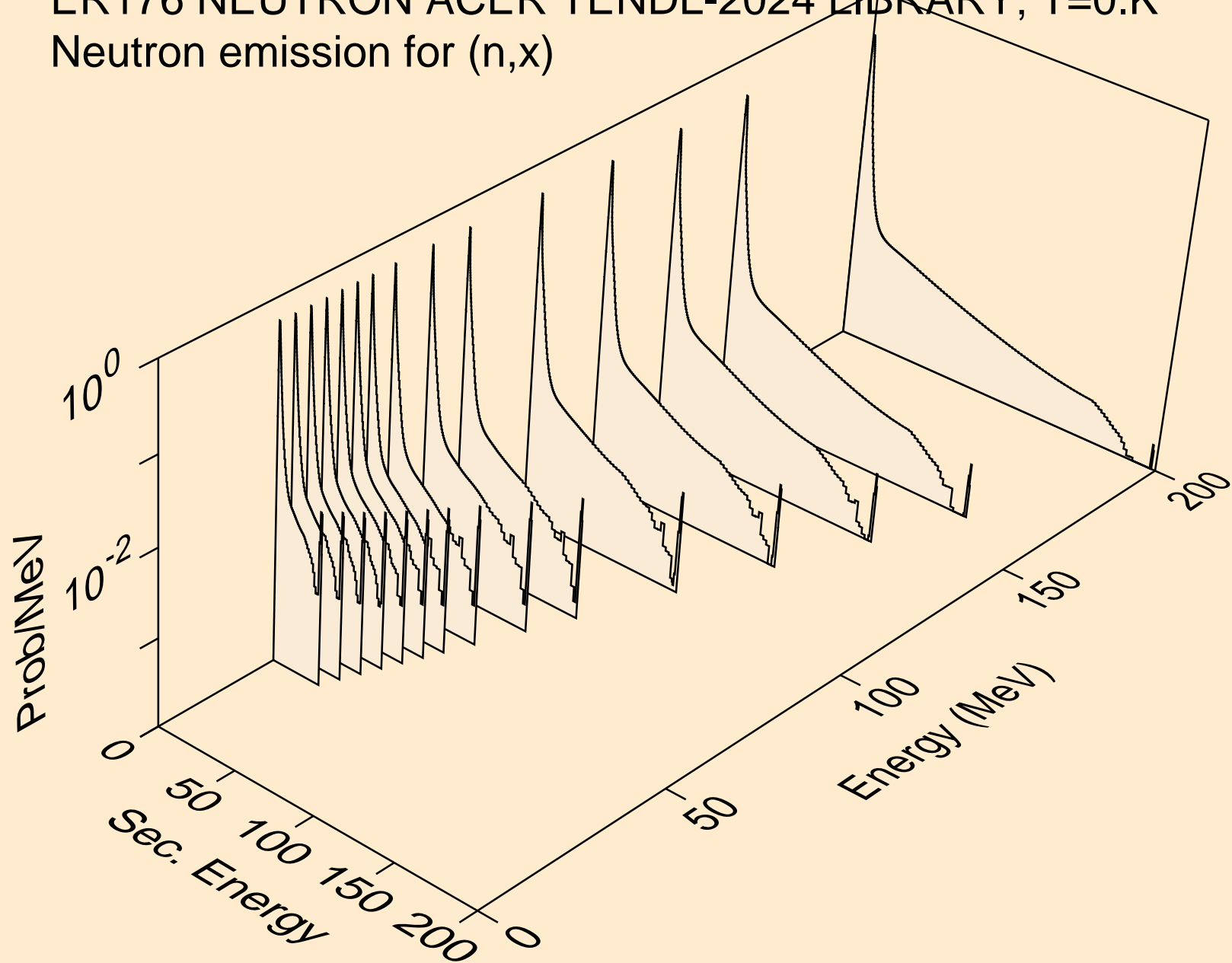




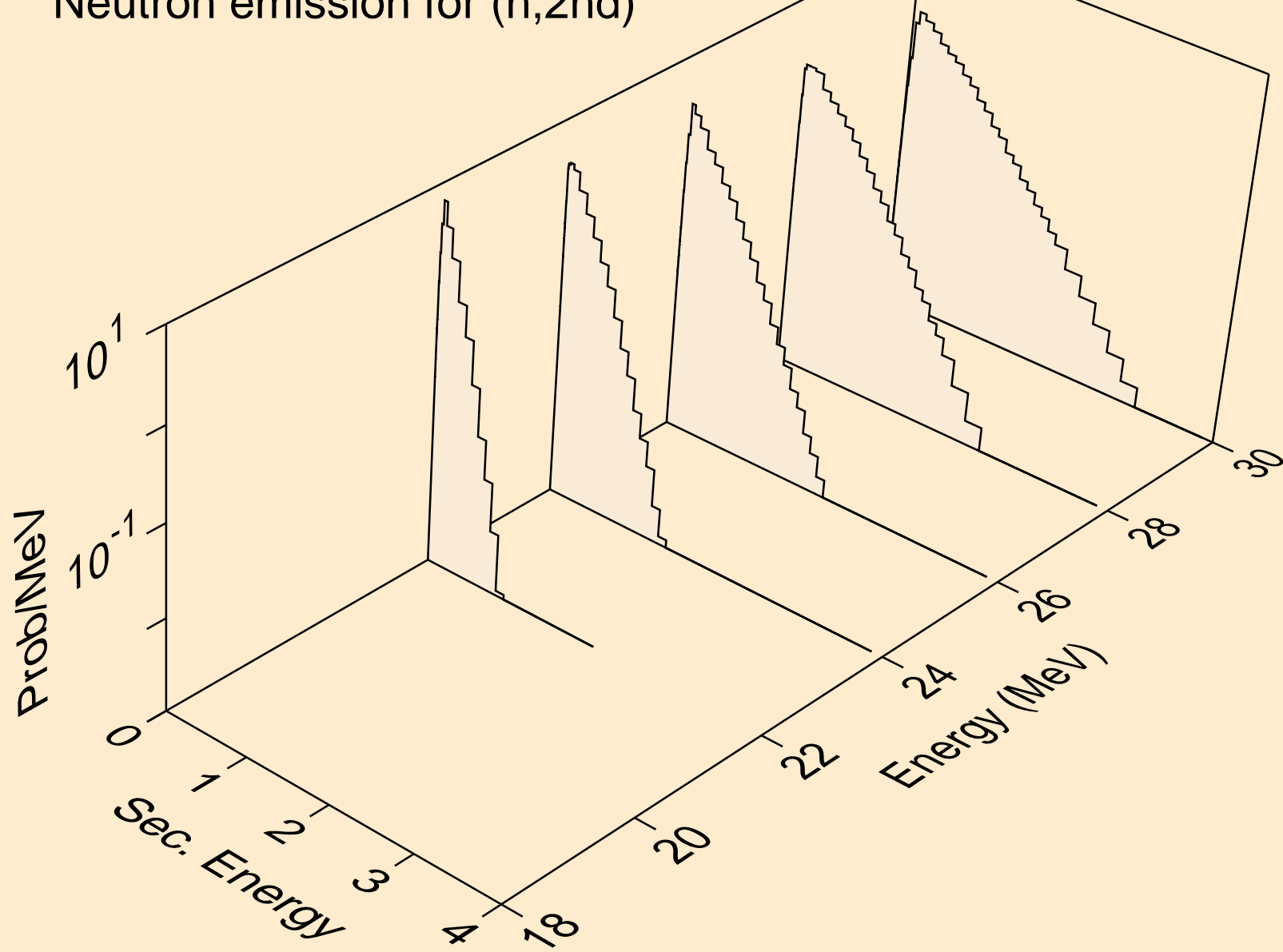
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



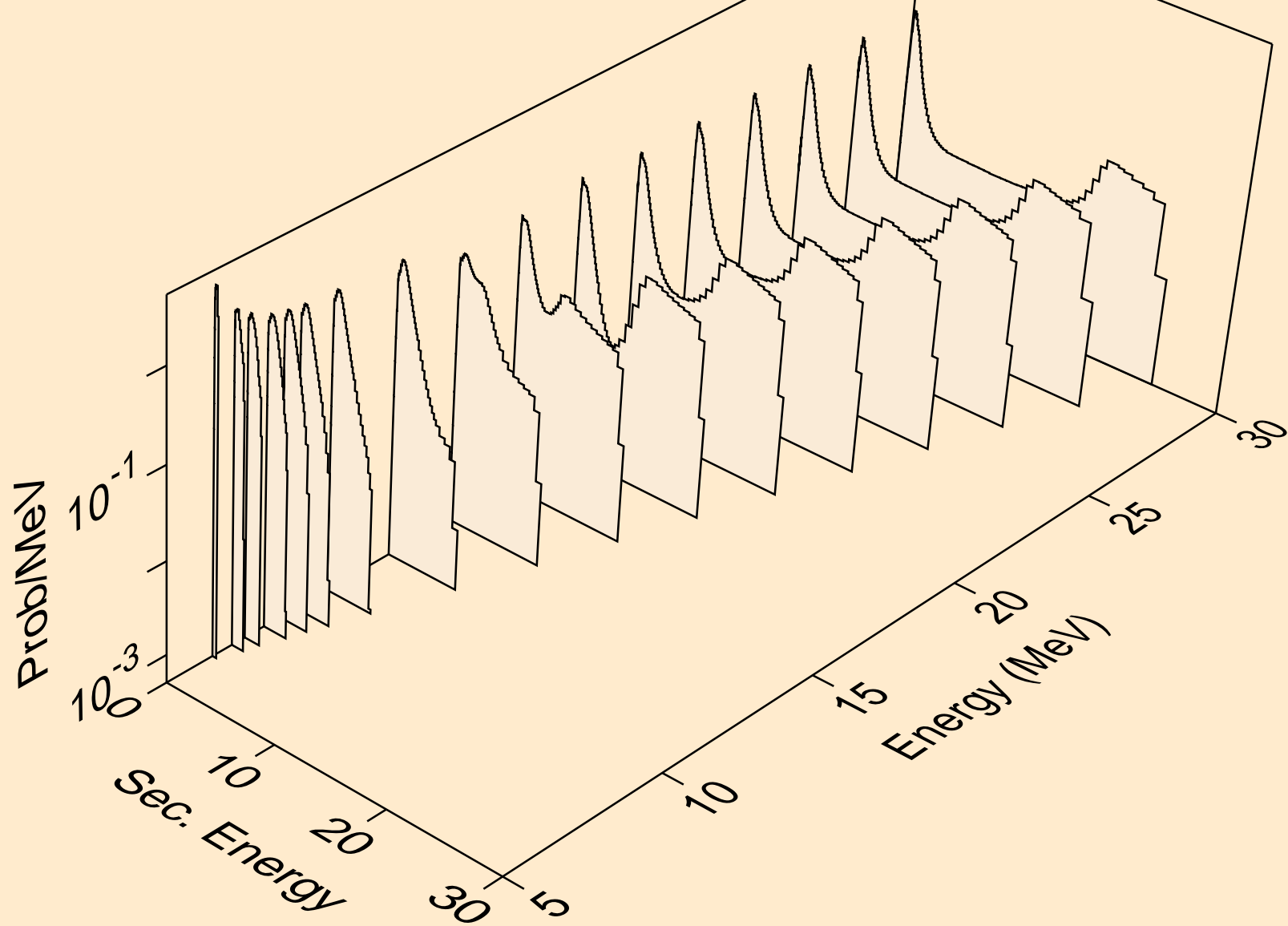
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



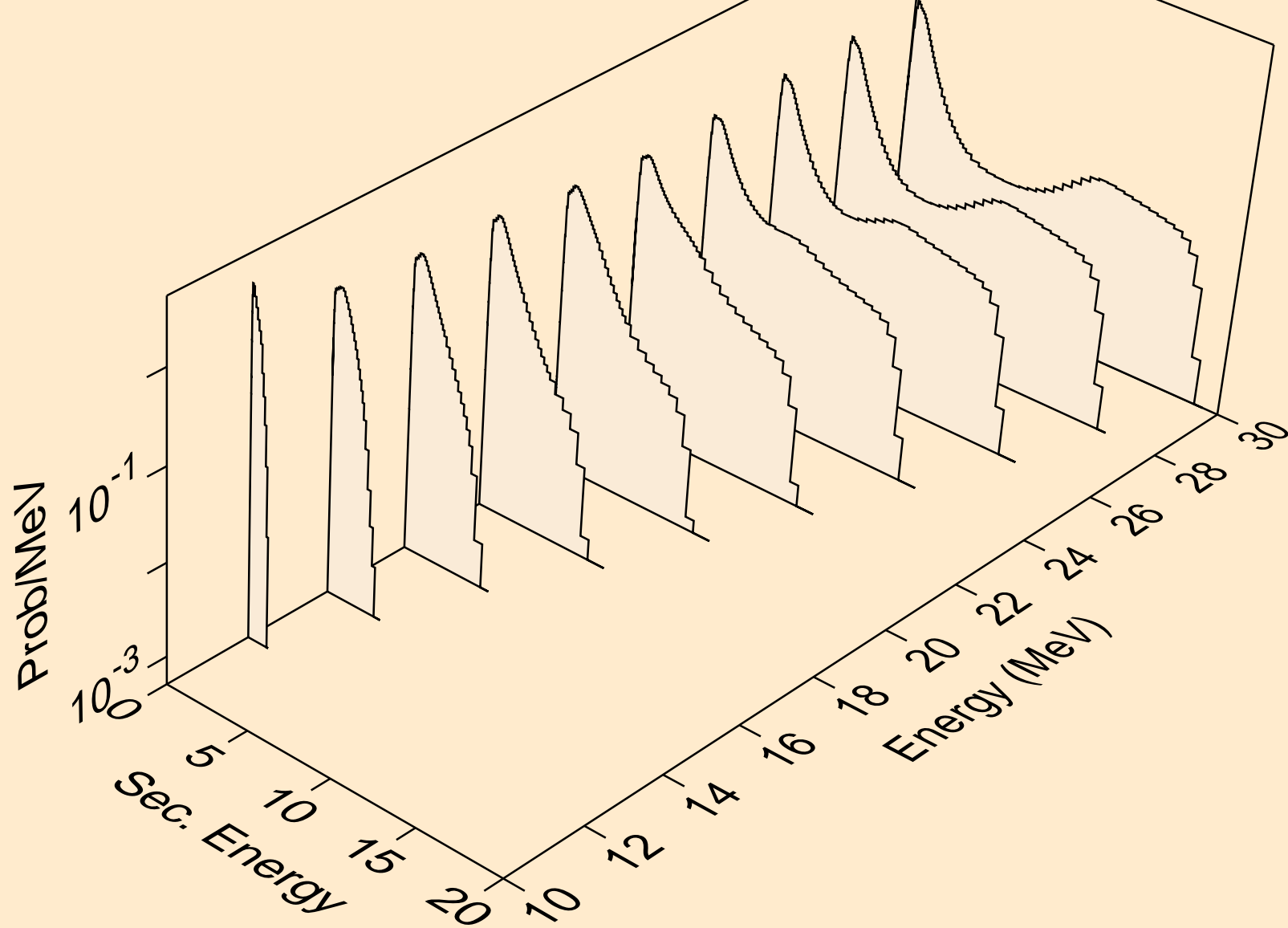
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



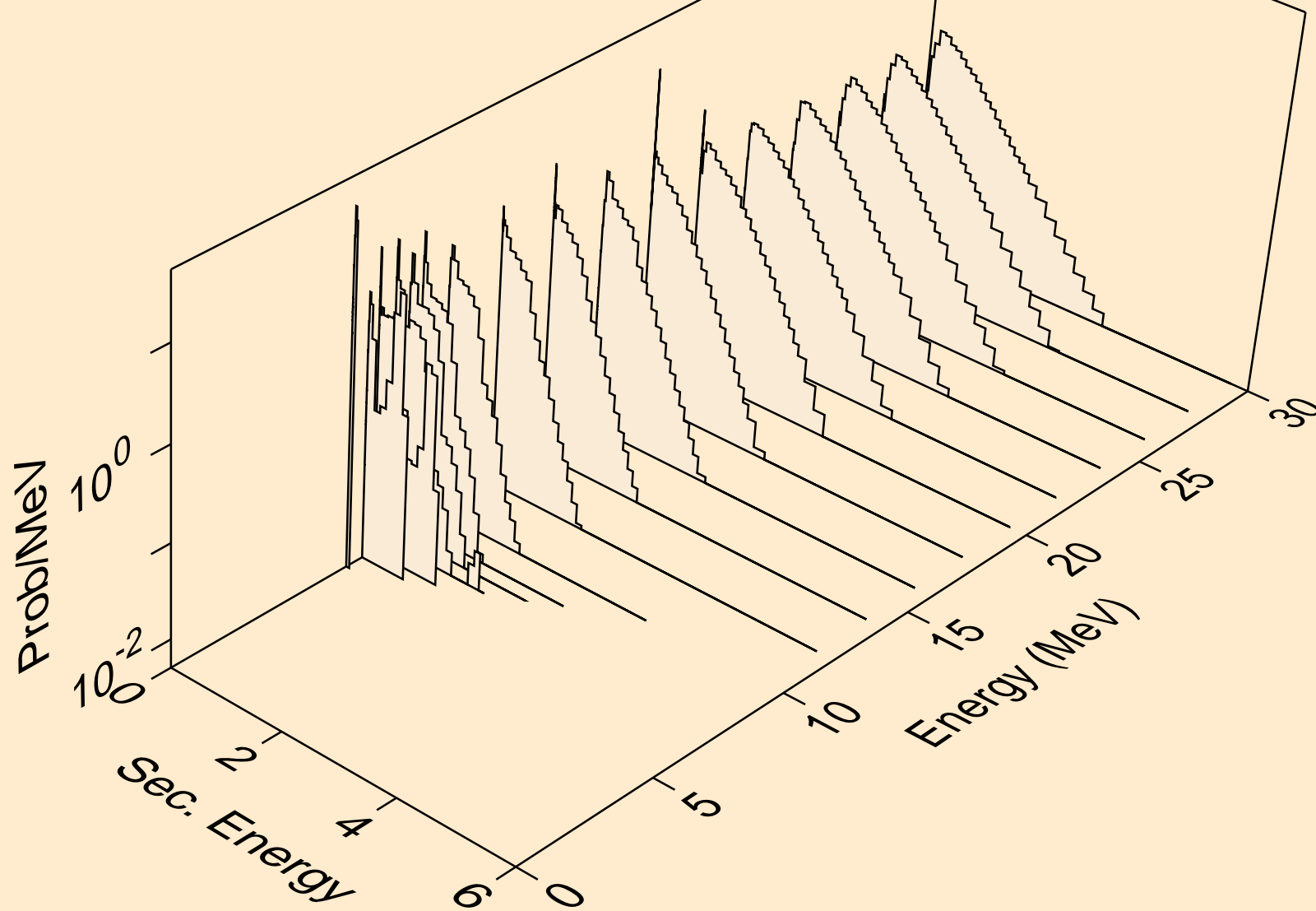
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



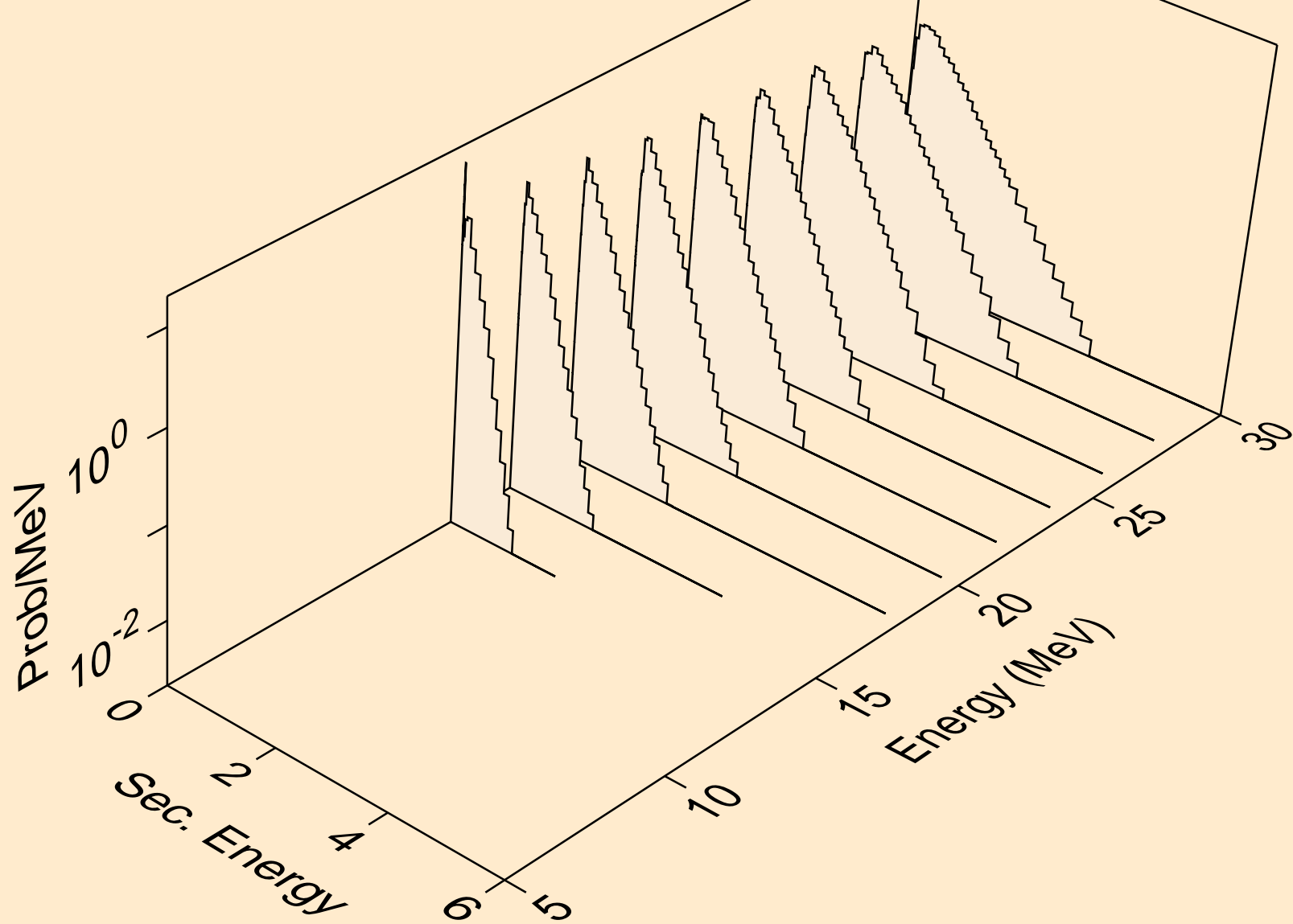
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



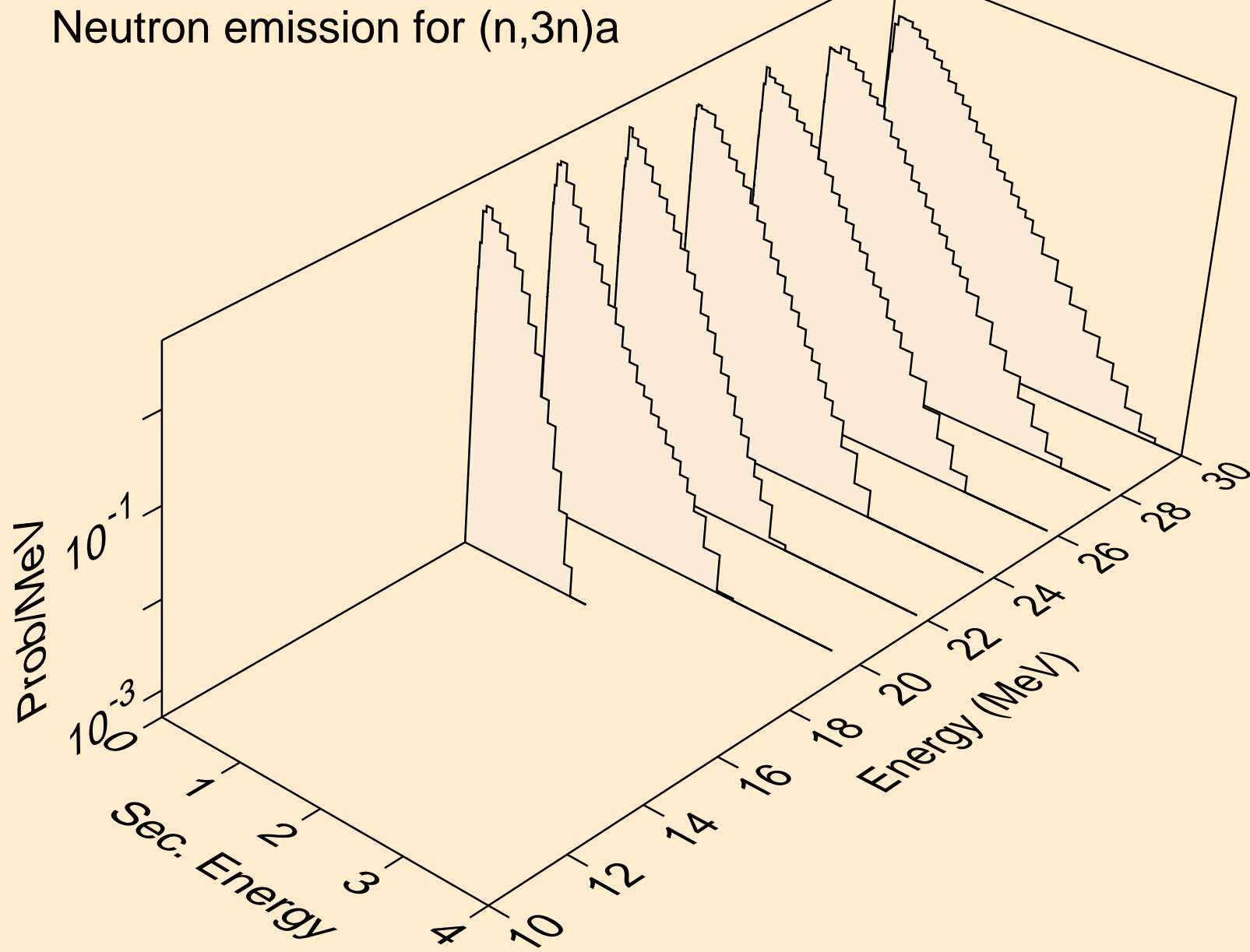
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

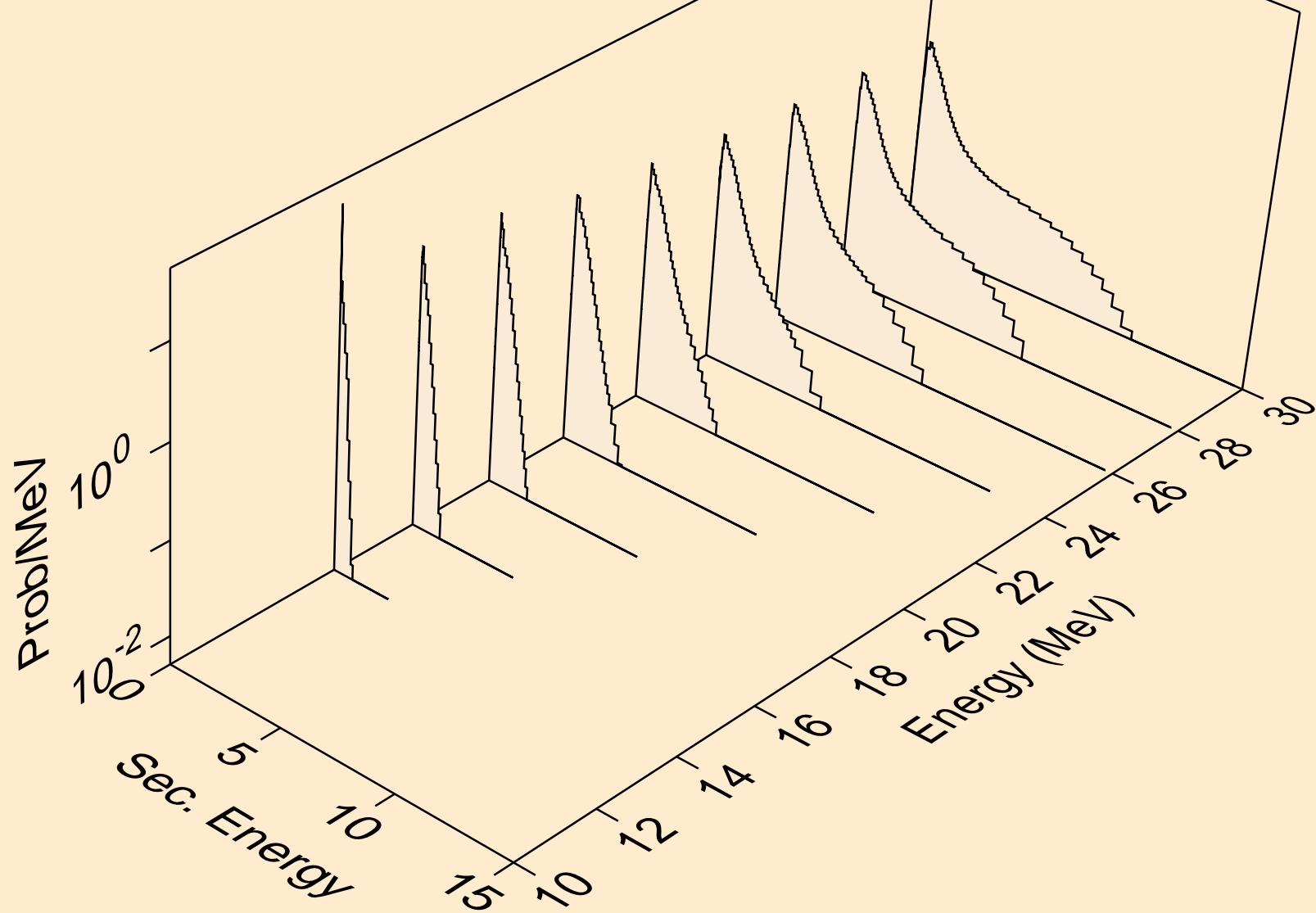


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

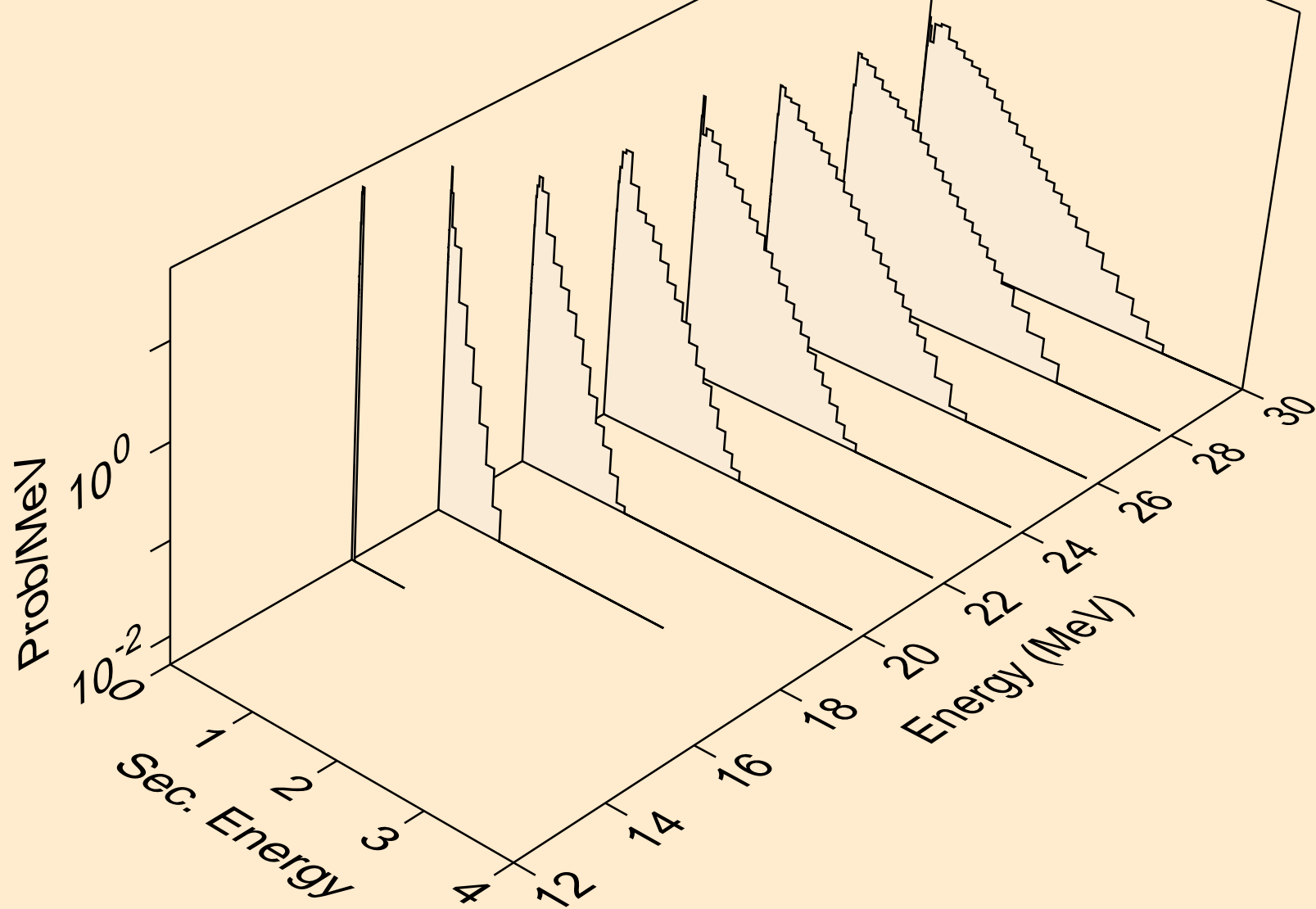




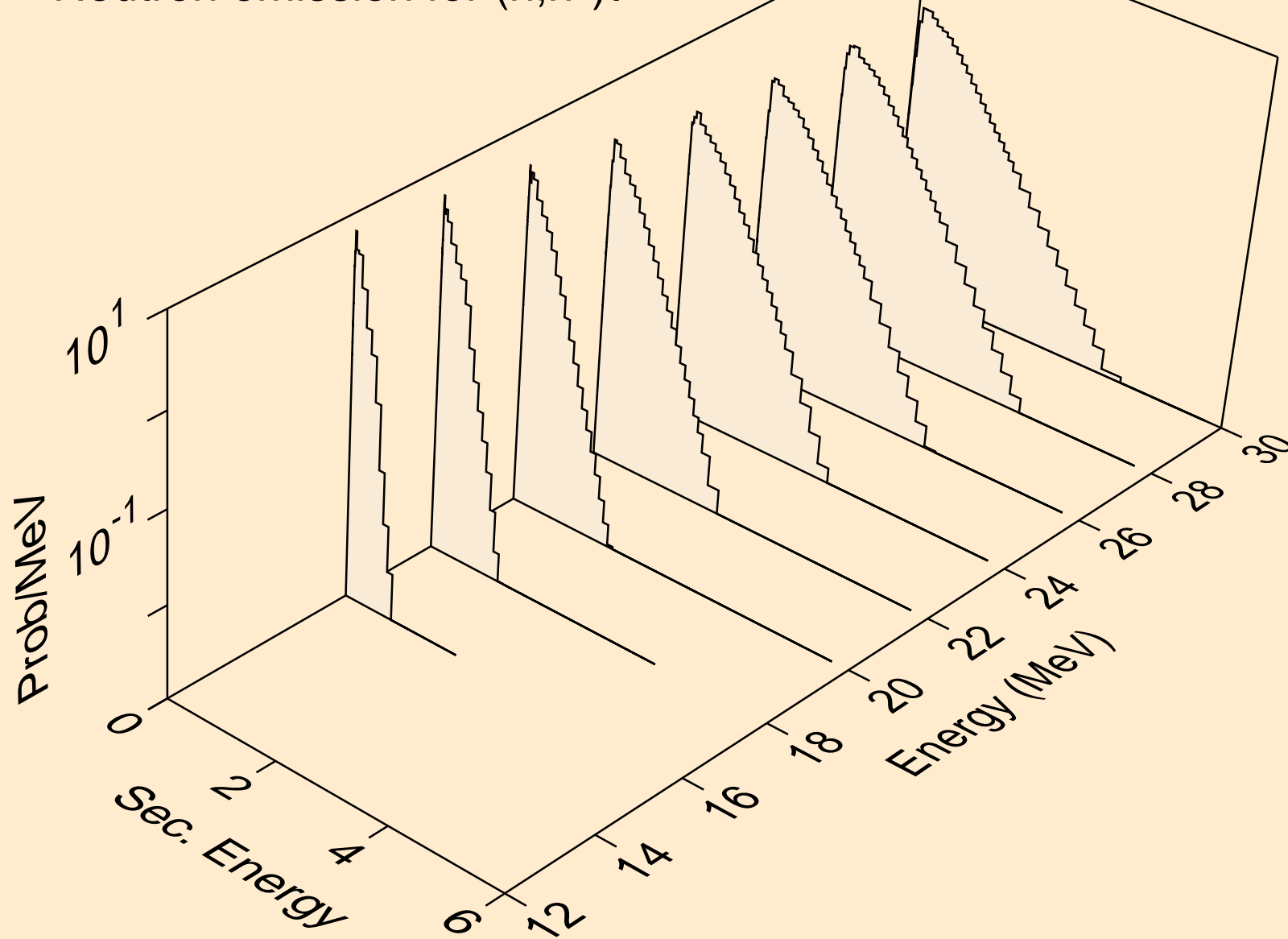
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



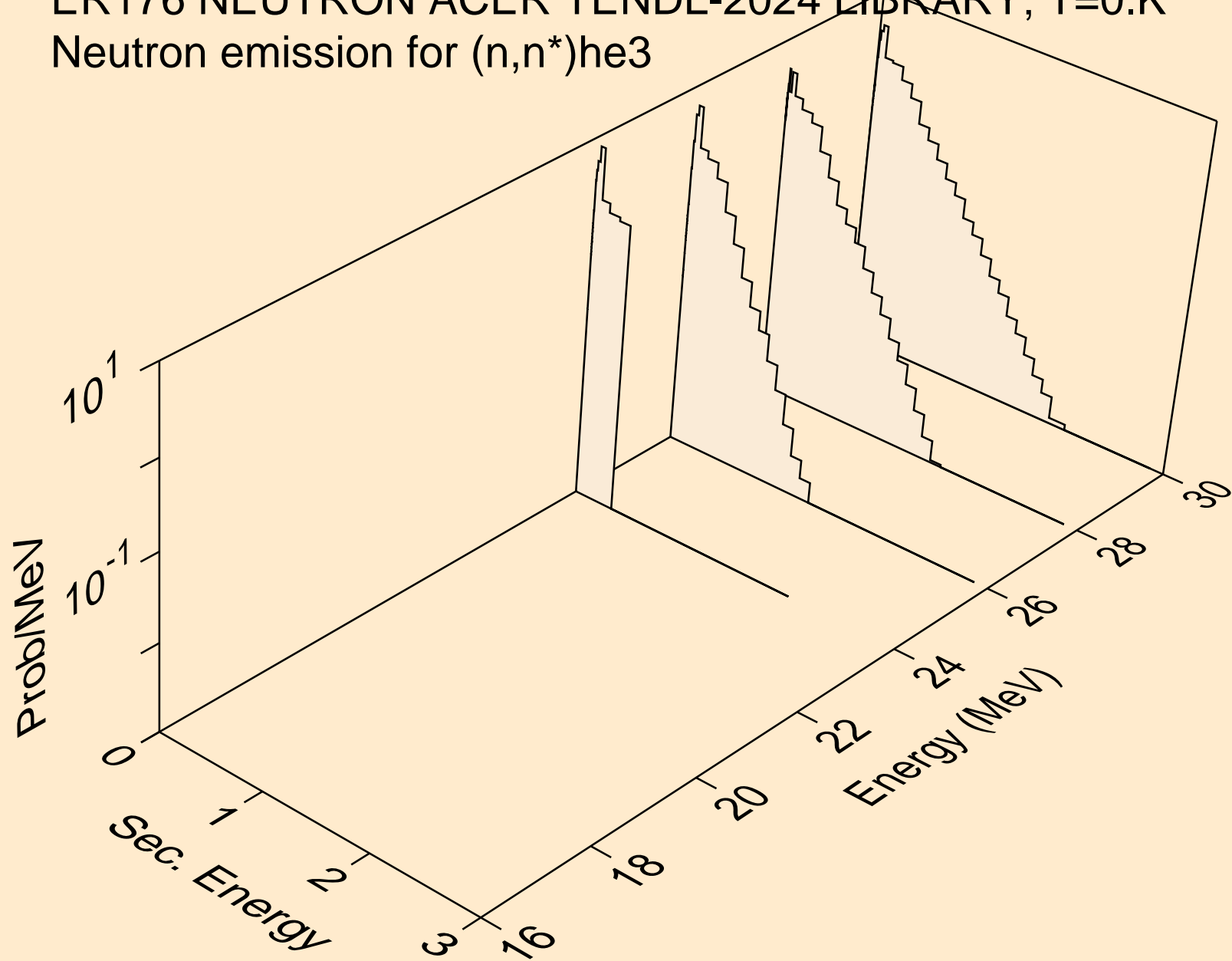
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



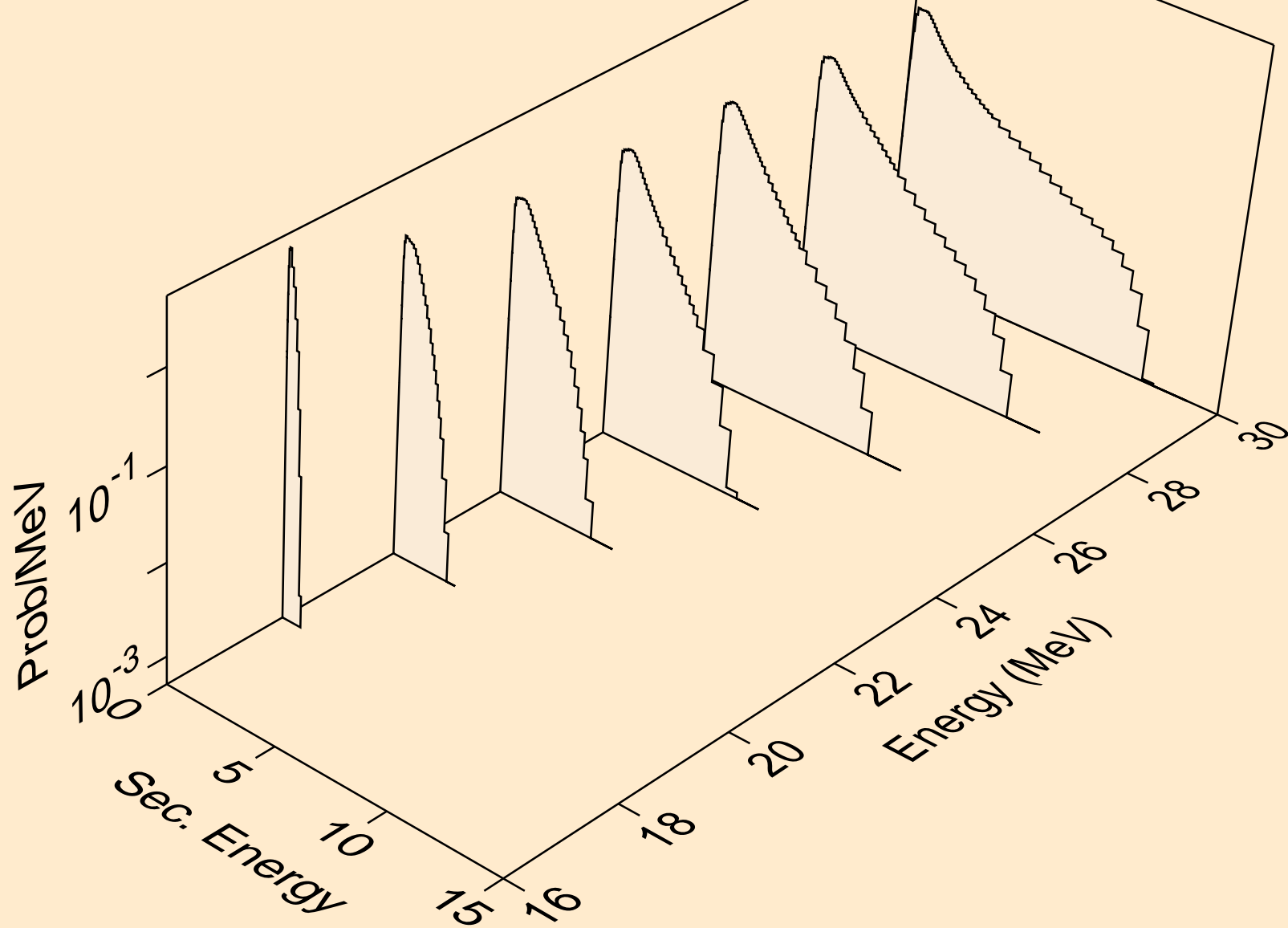
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



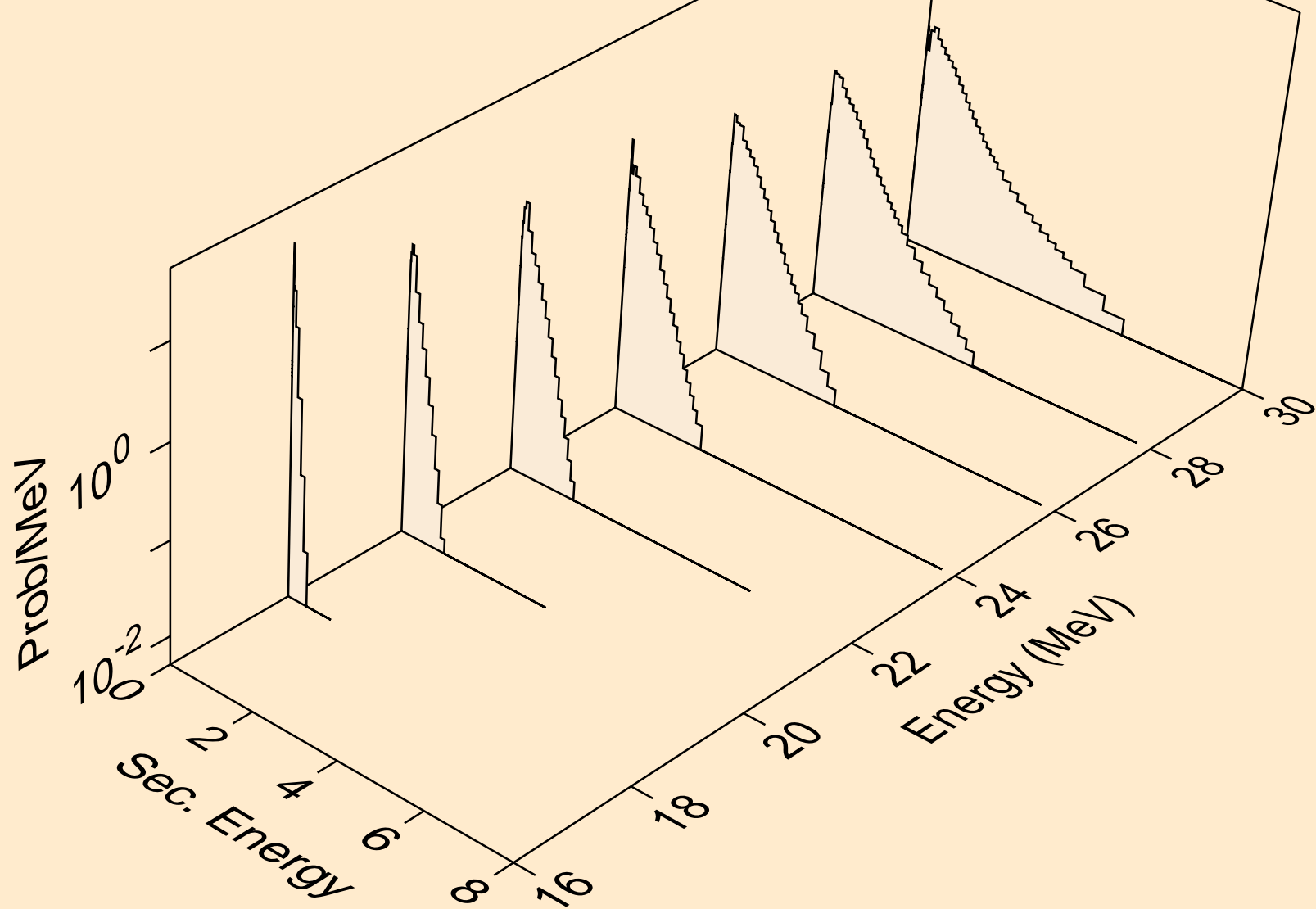
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



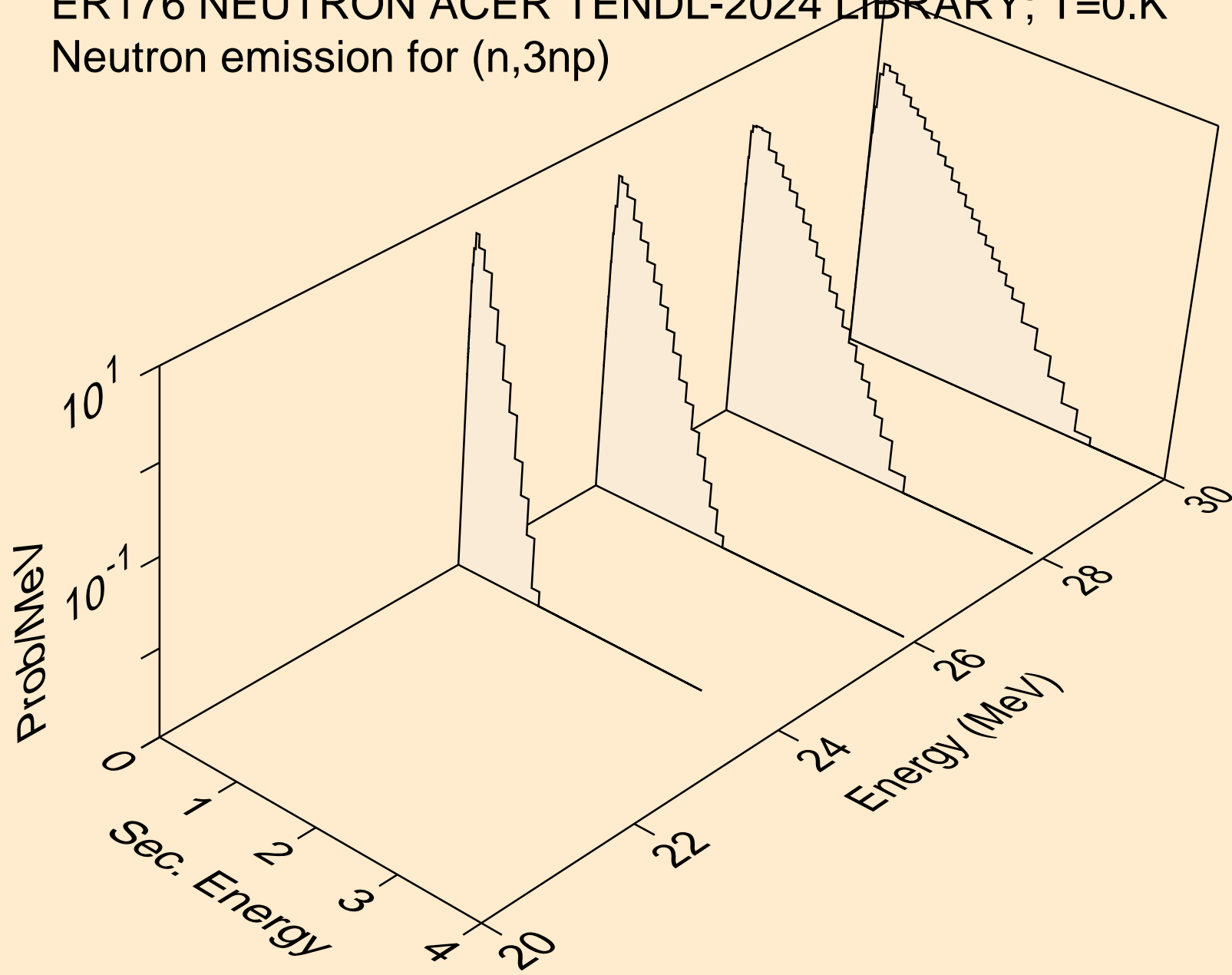
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



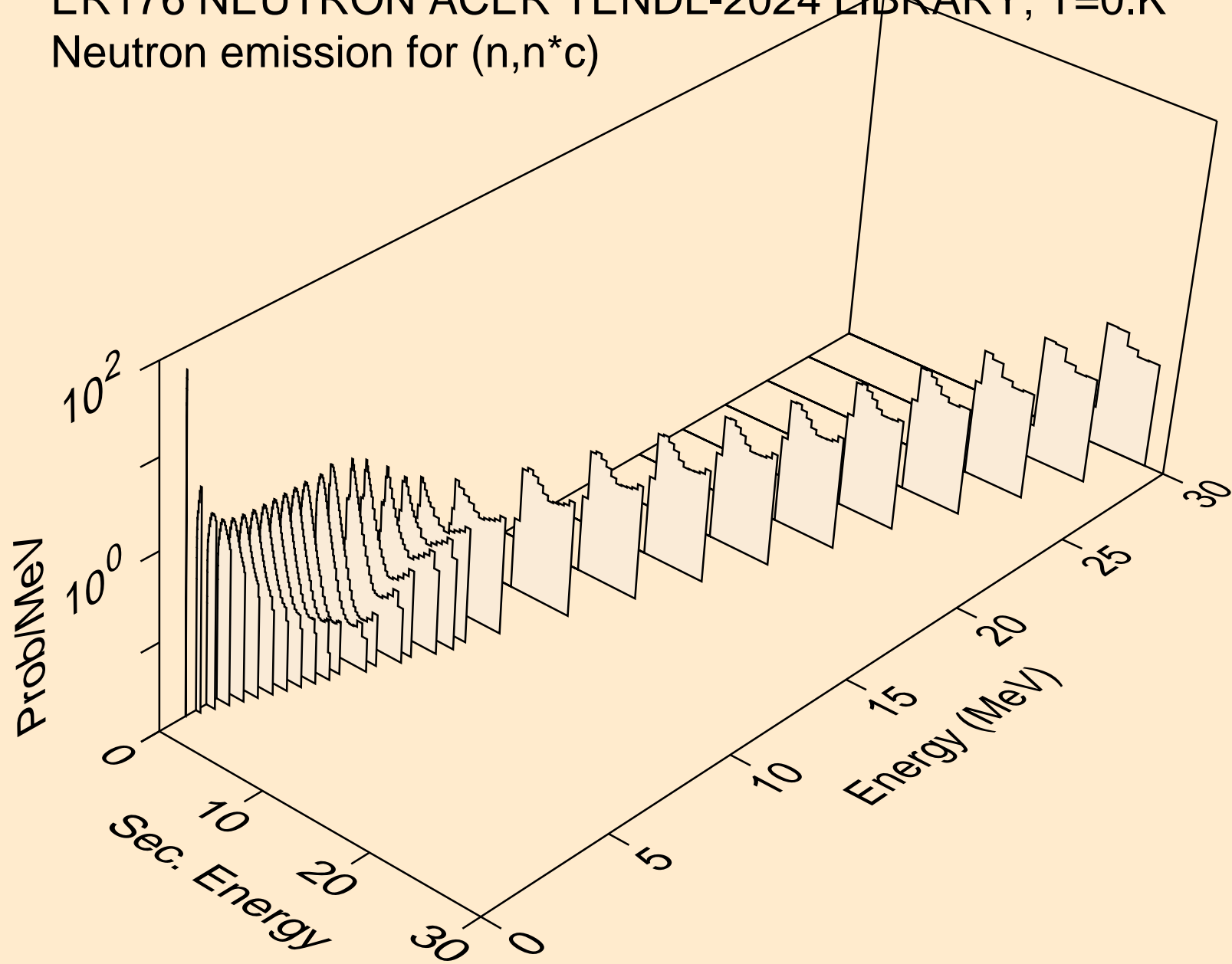
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

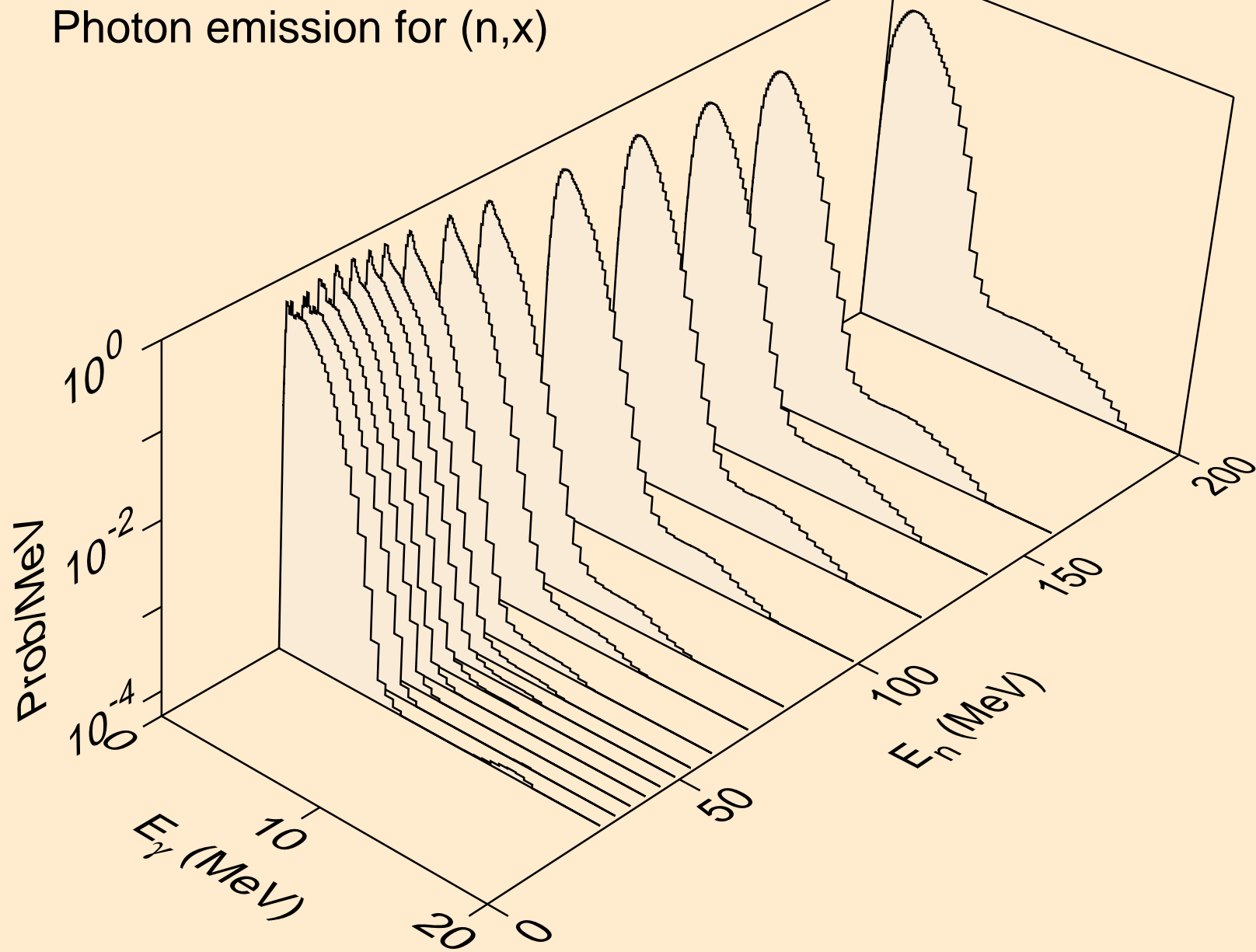


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

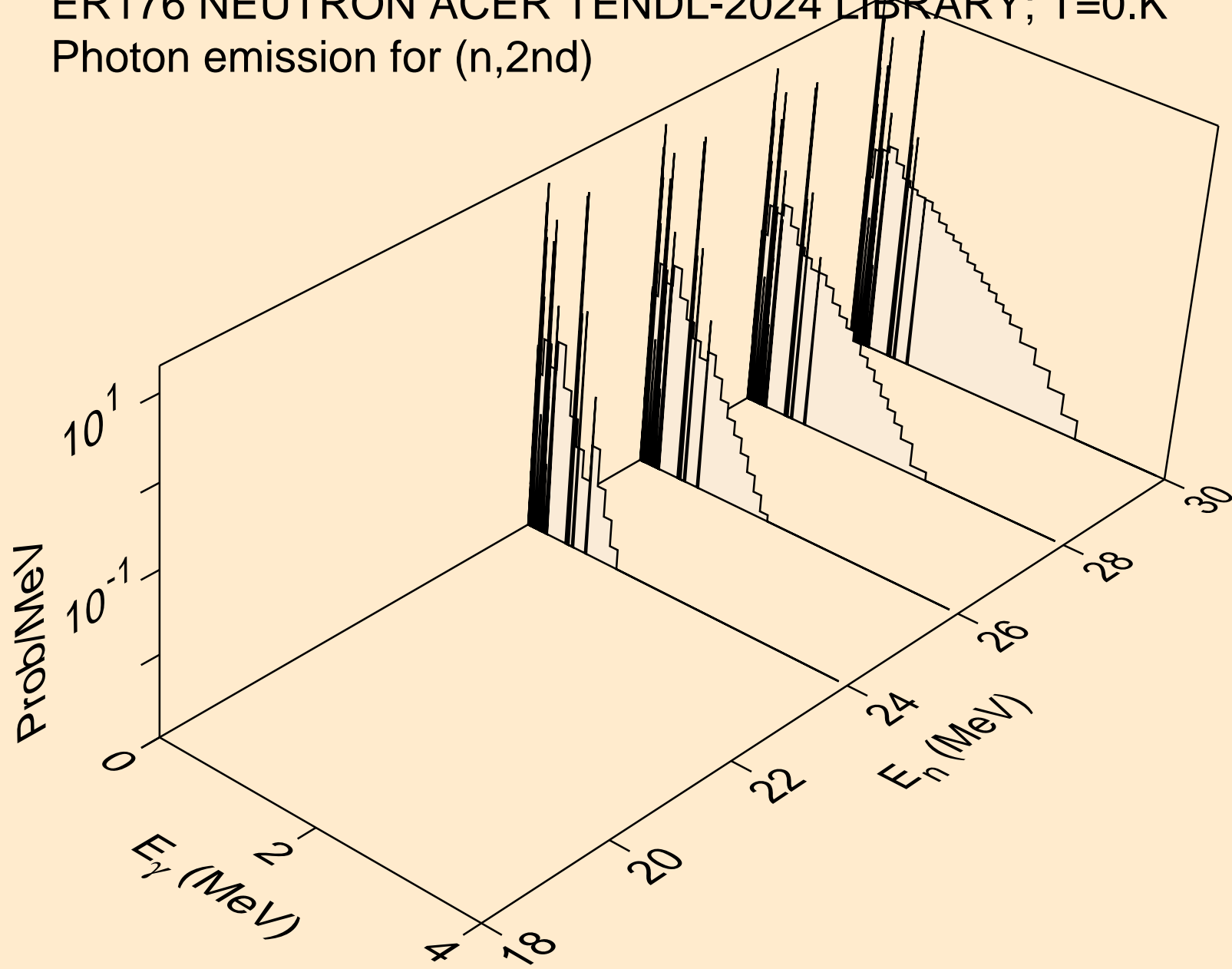




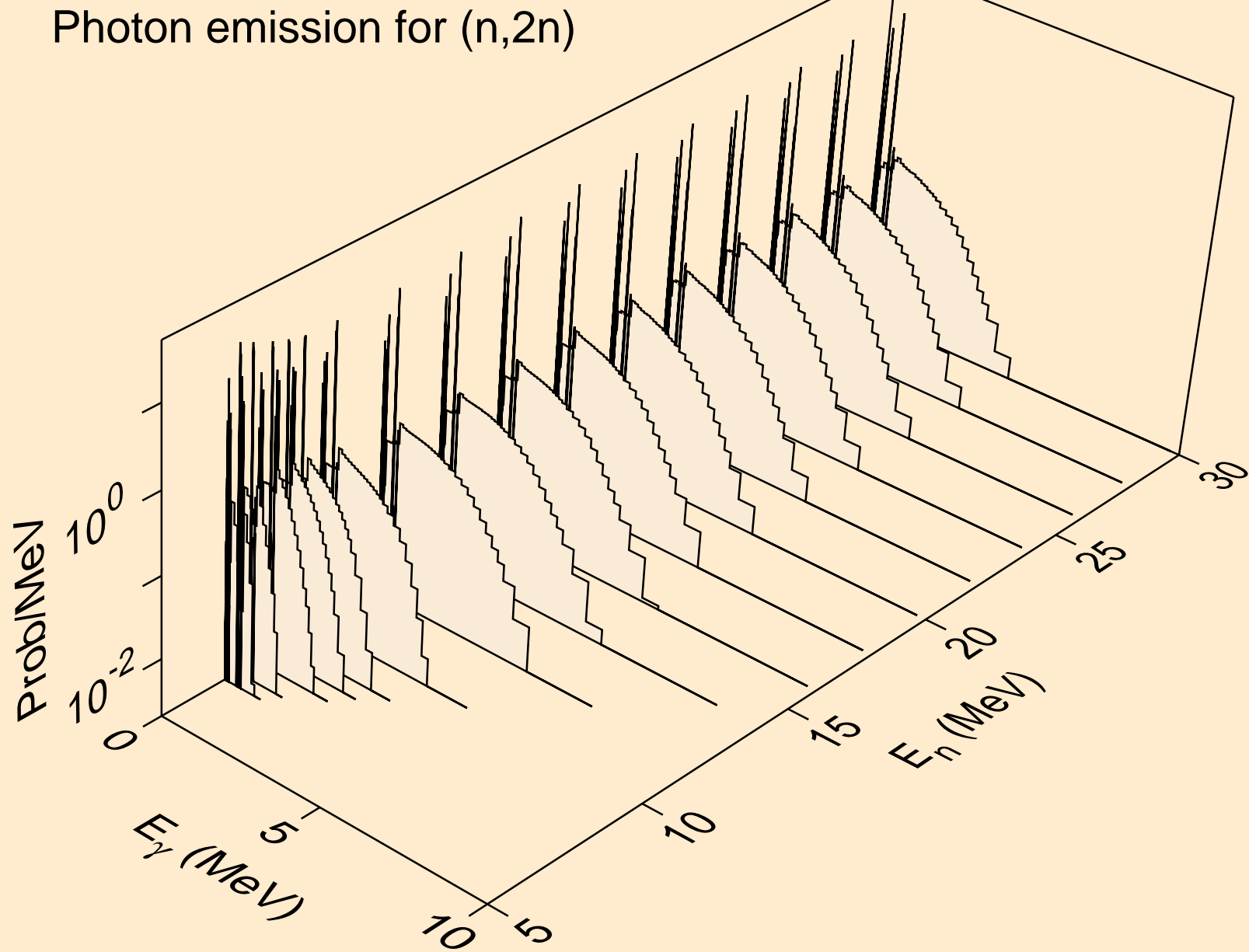
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



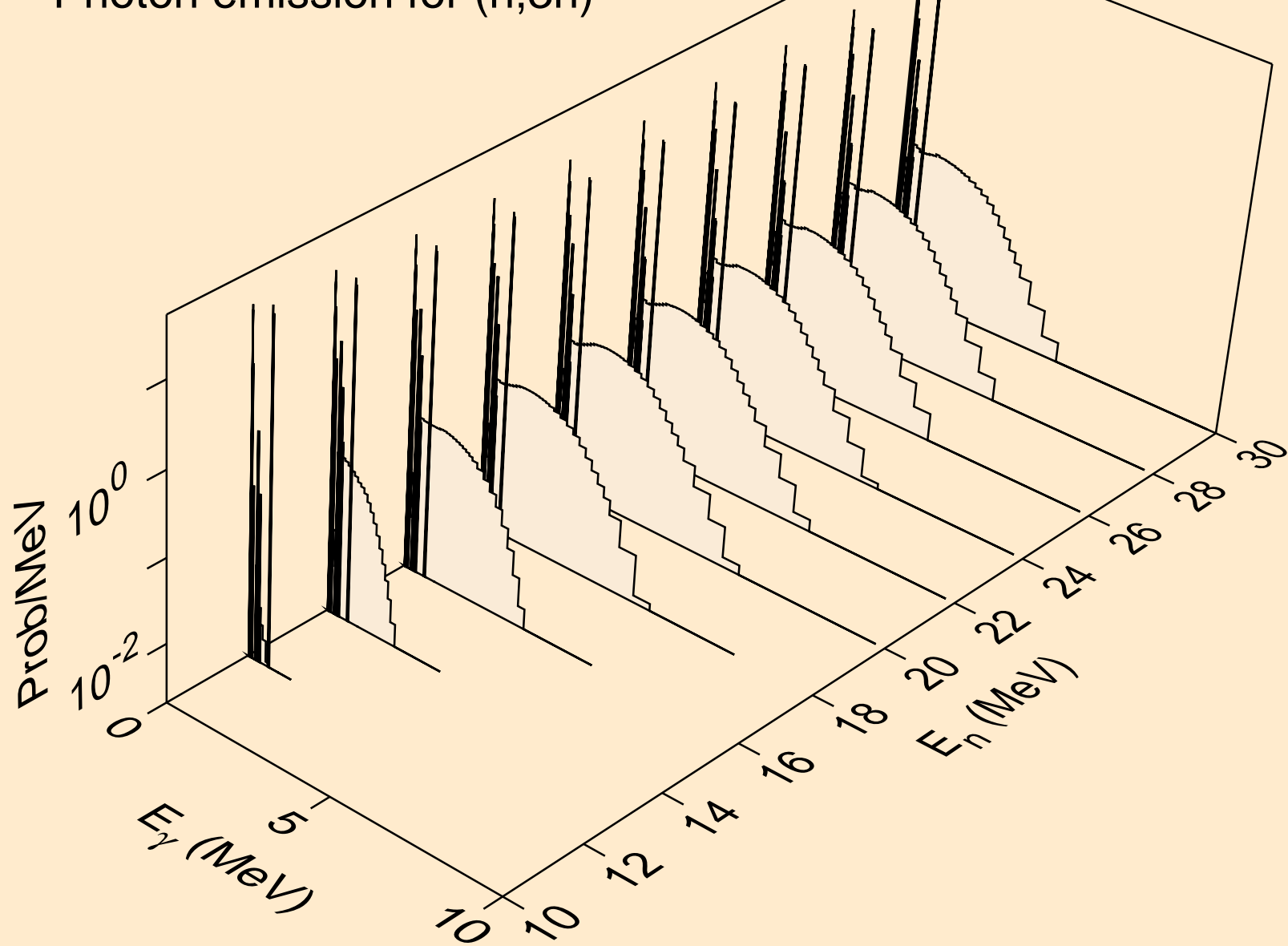
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



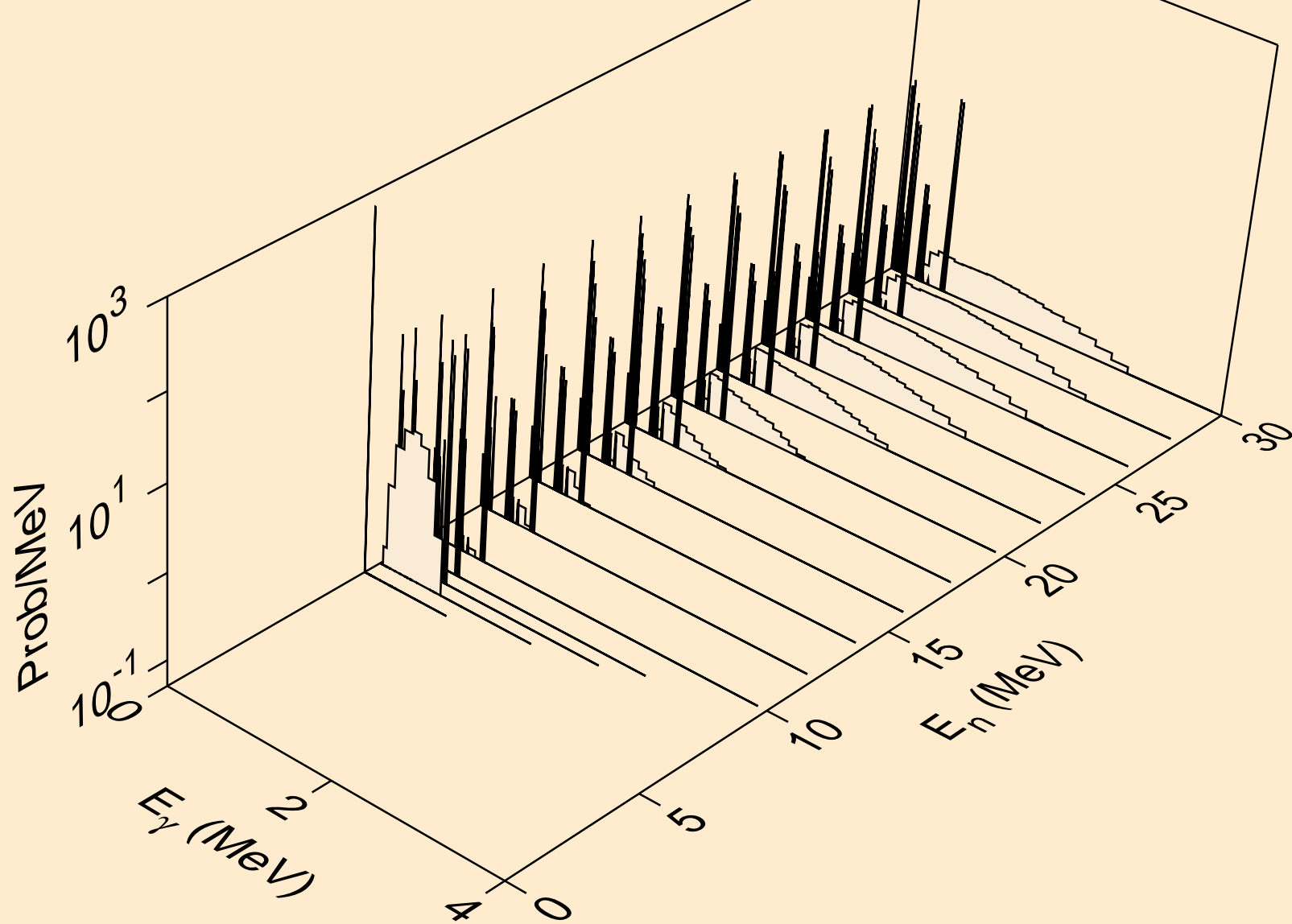
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Photon emission for (n,2n)



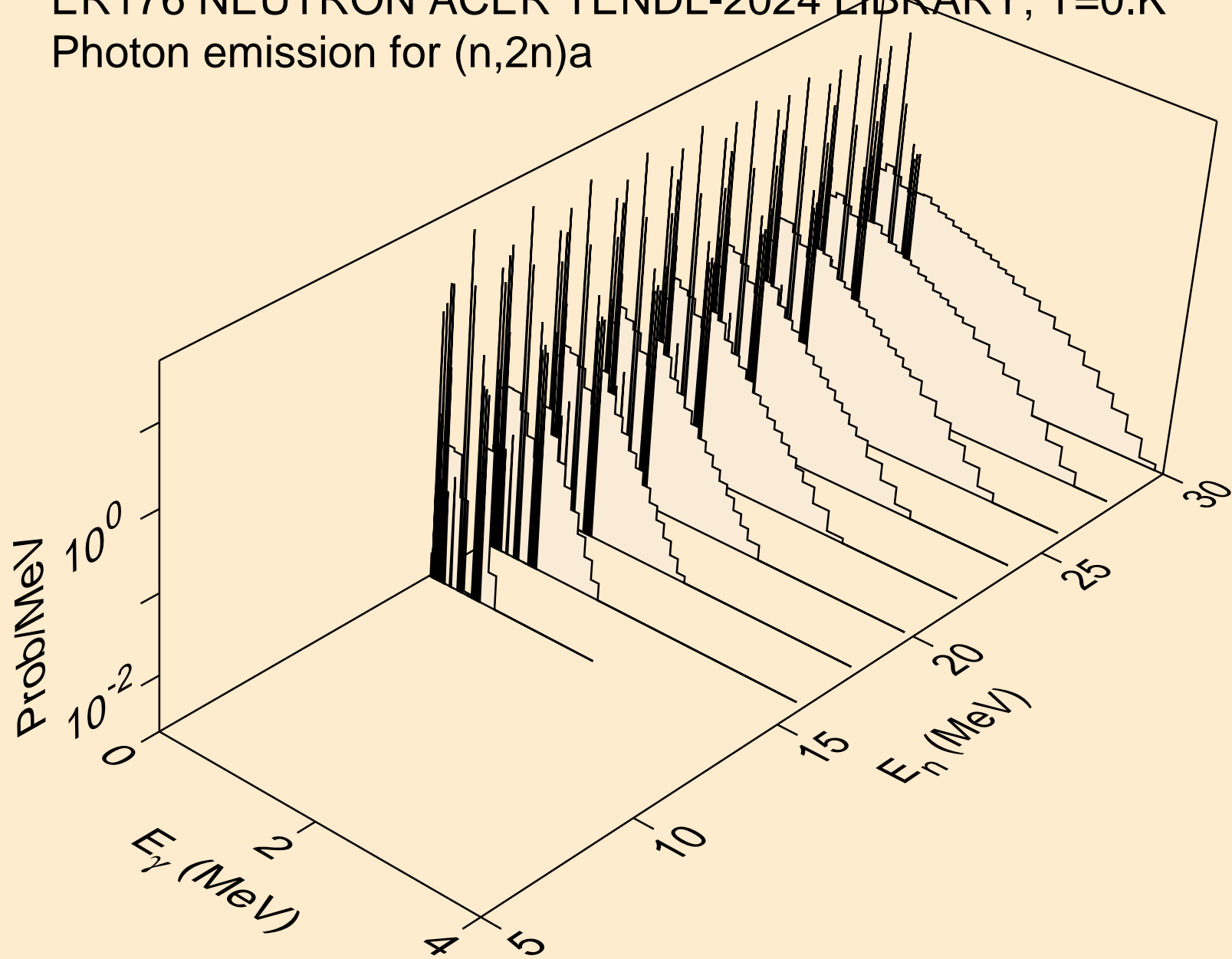
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



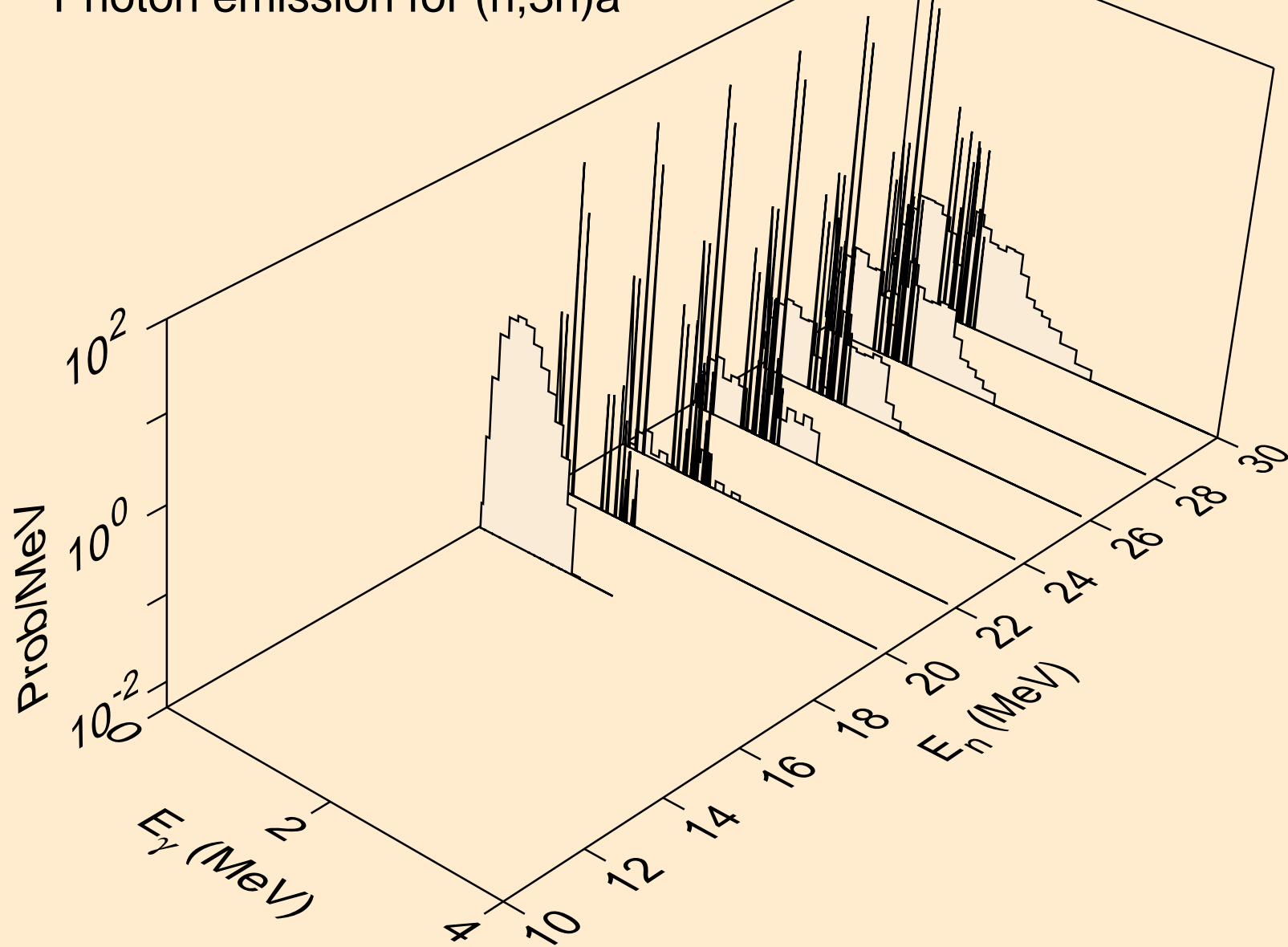
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



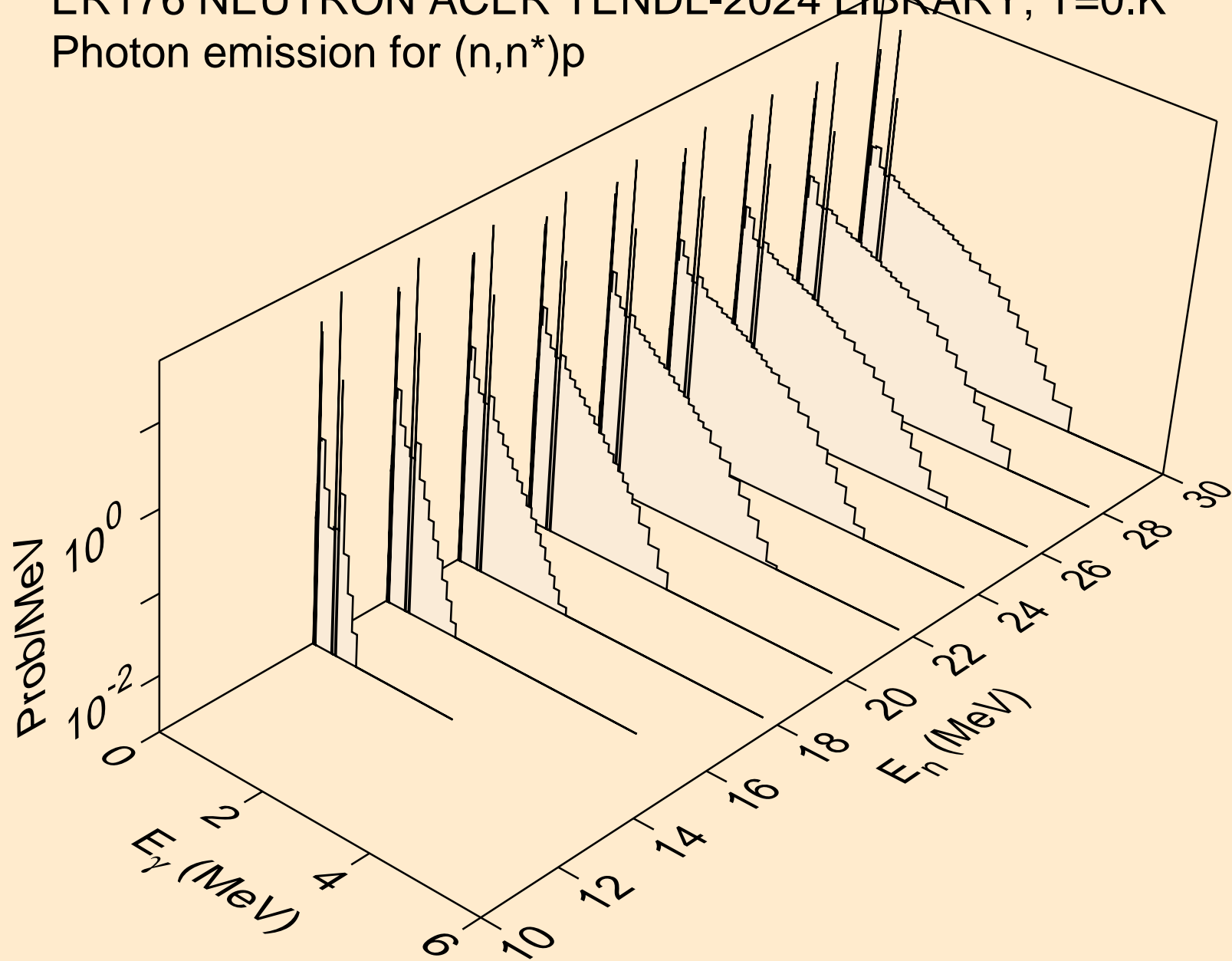
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

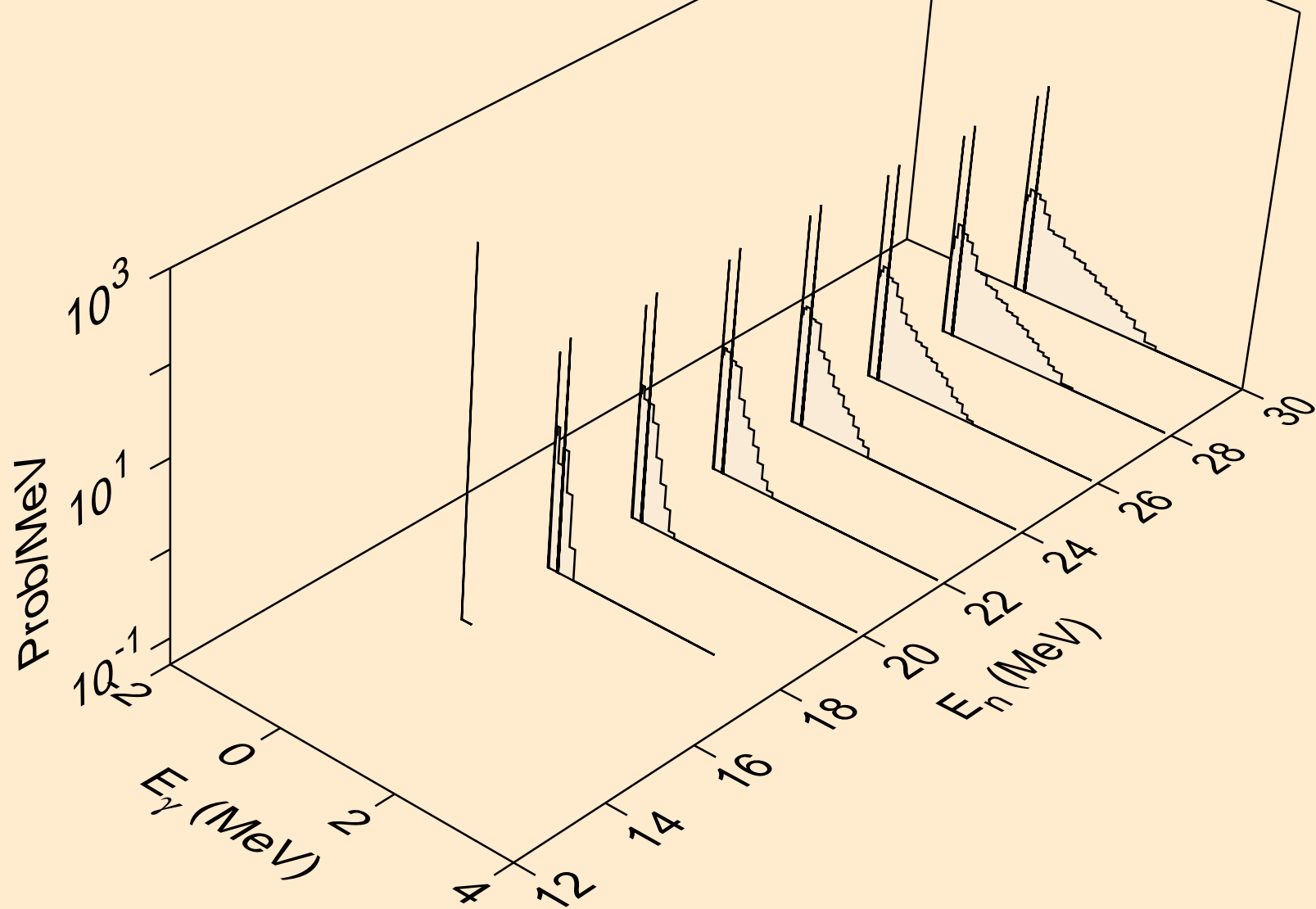


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

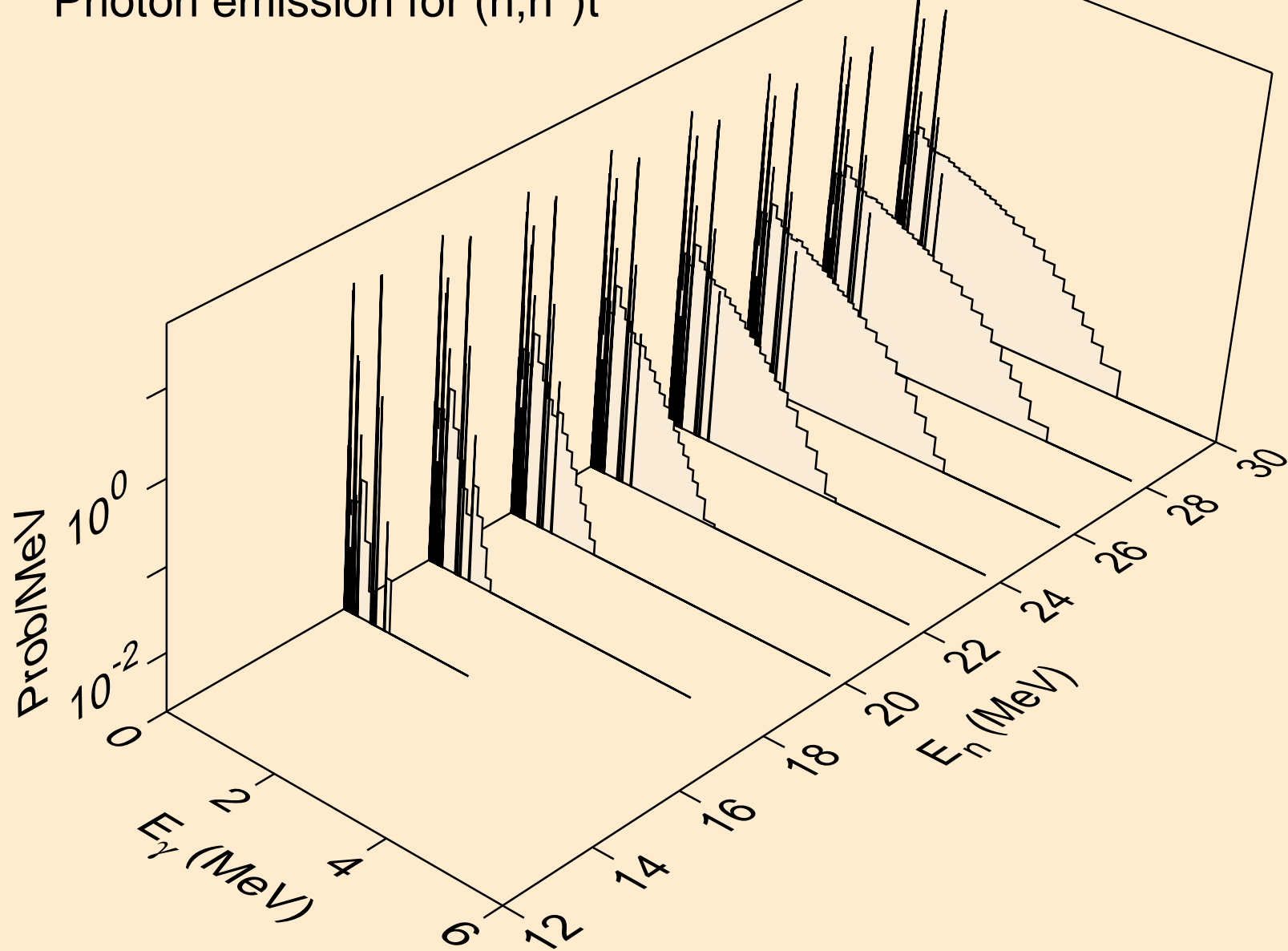




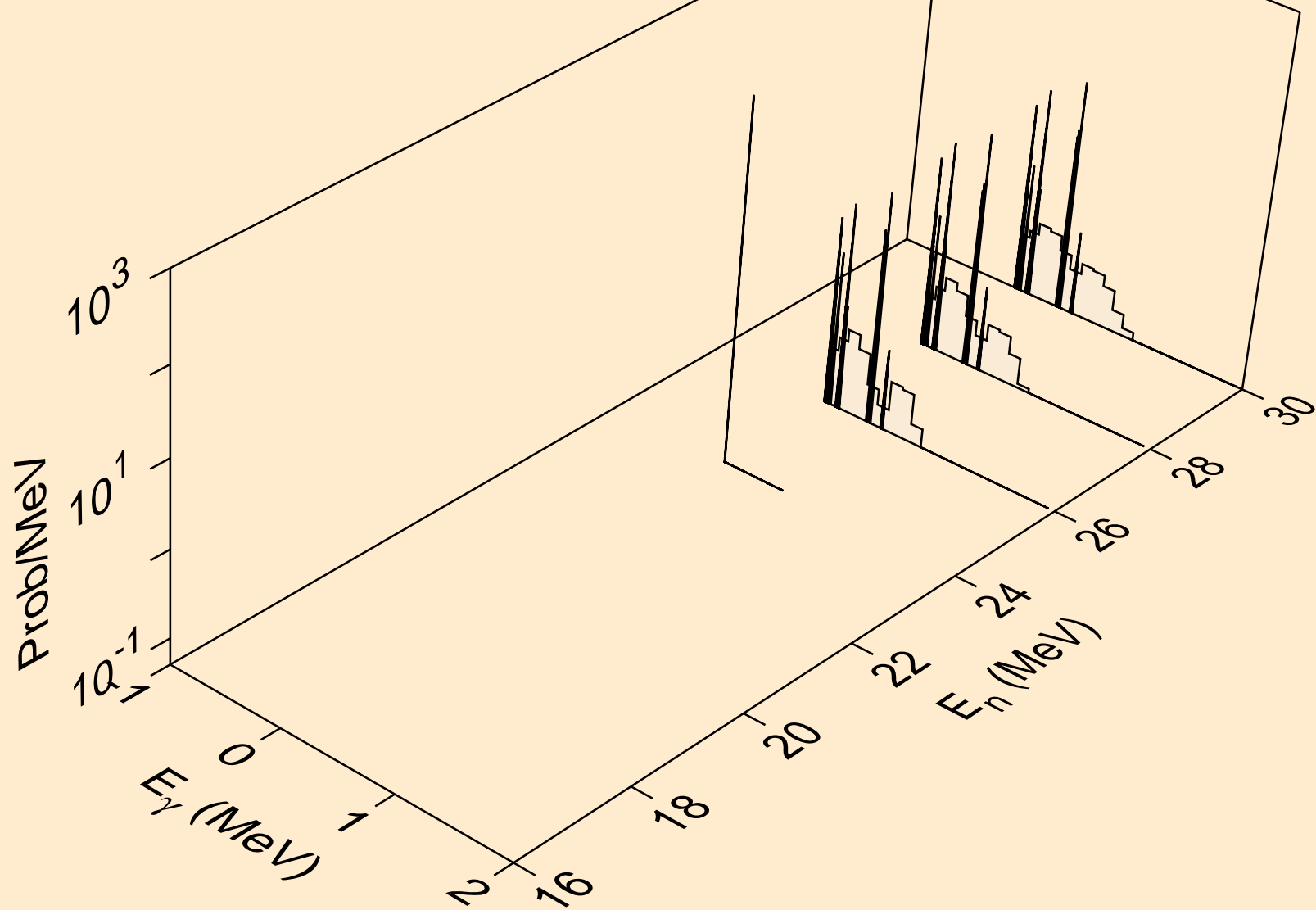
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



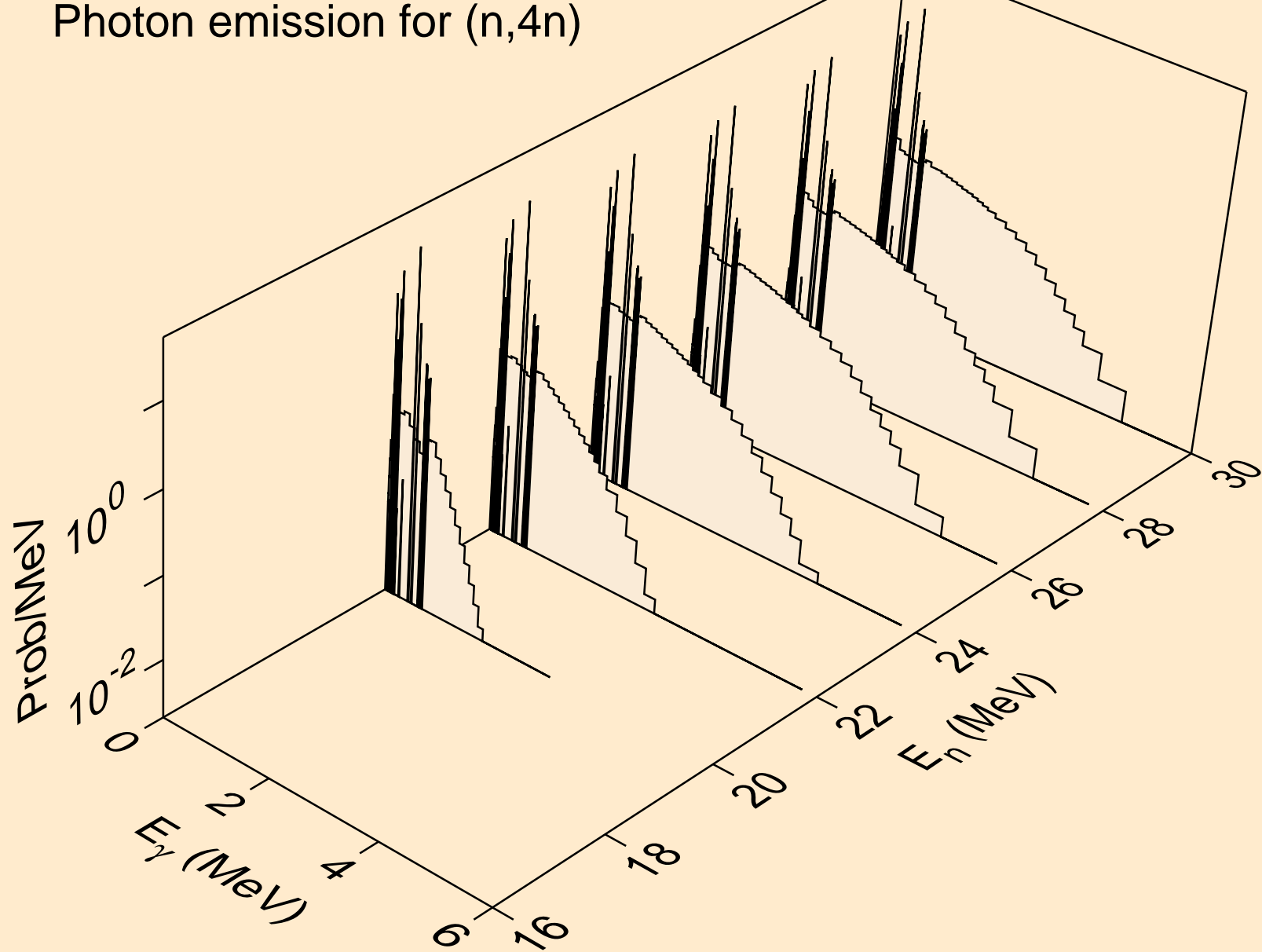
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



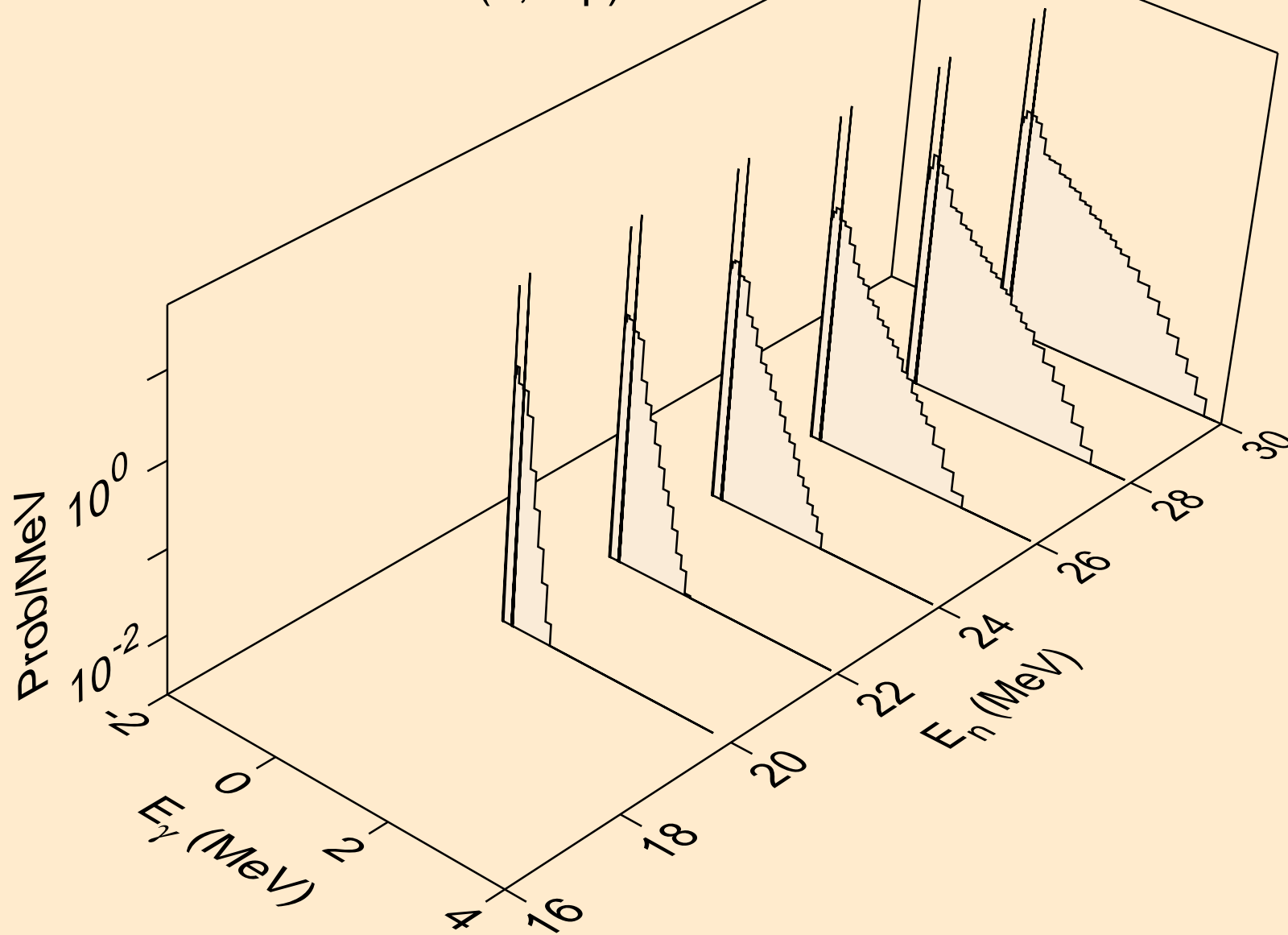
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



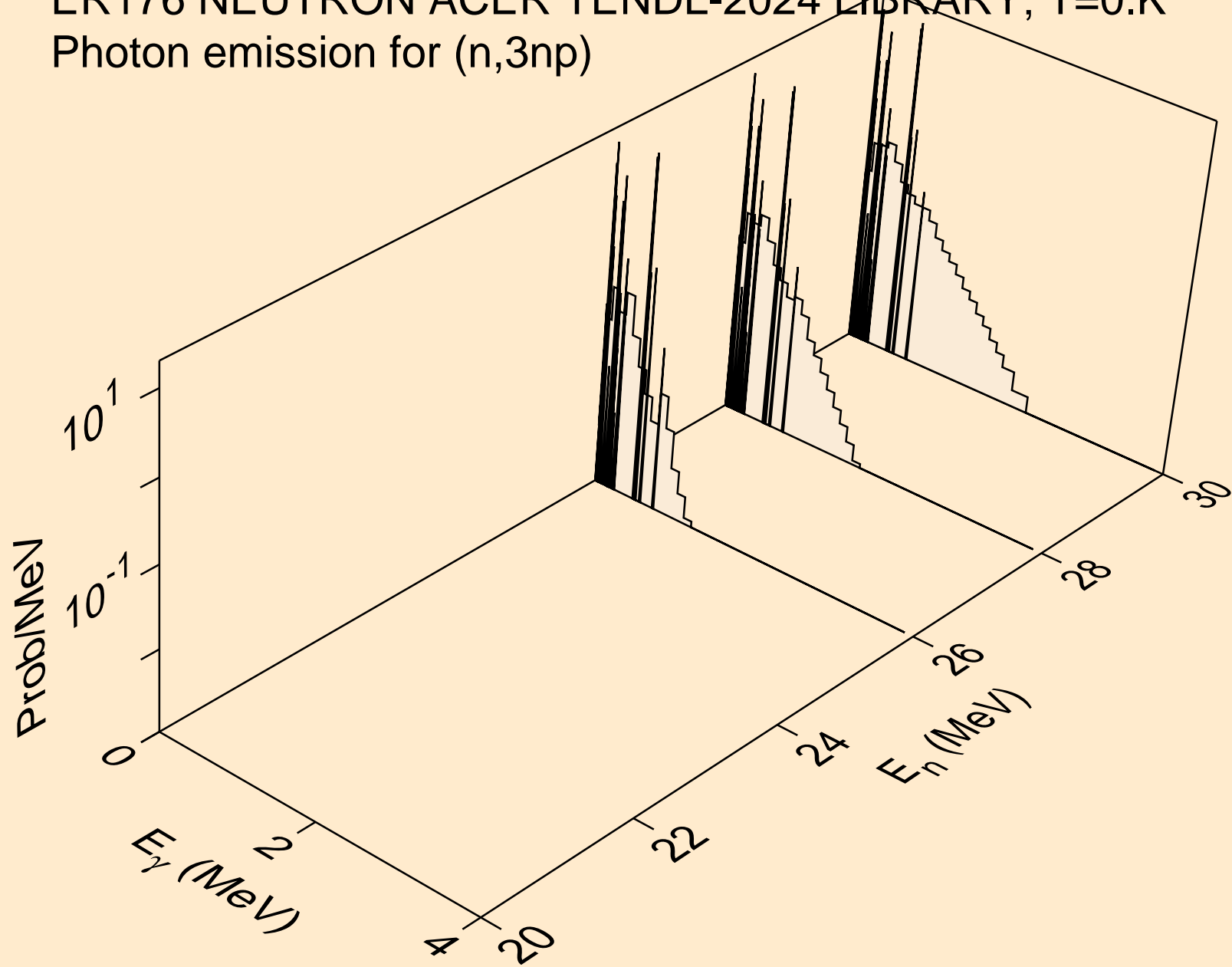
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



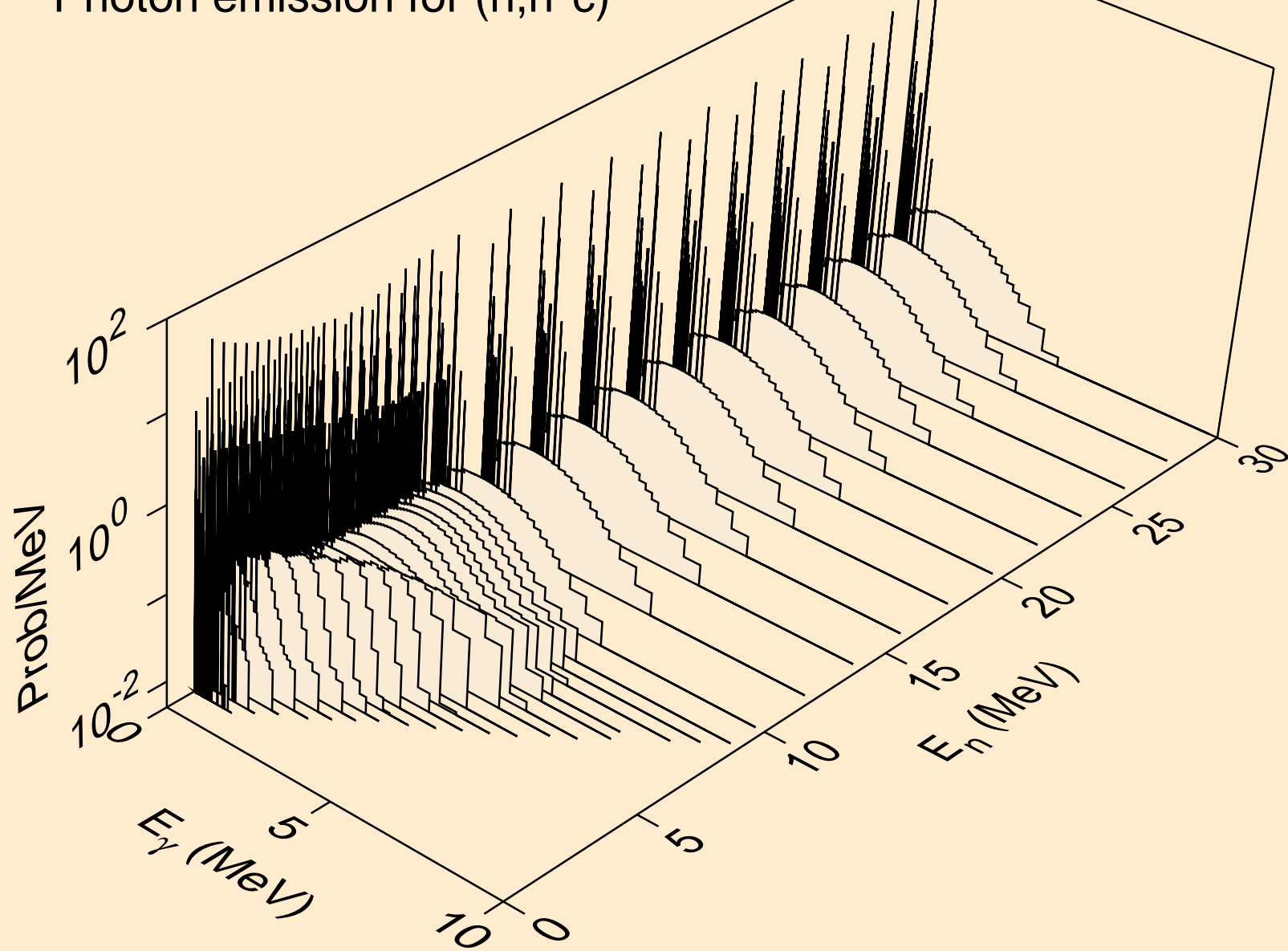
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



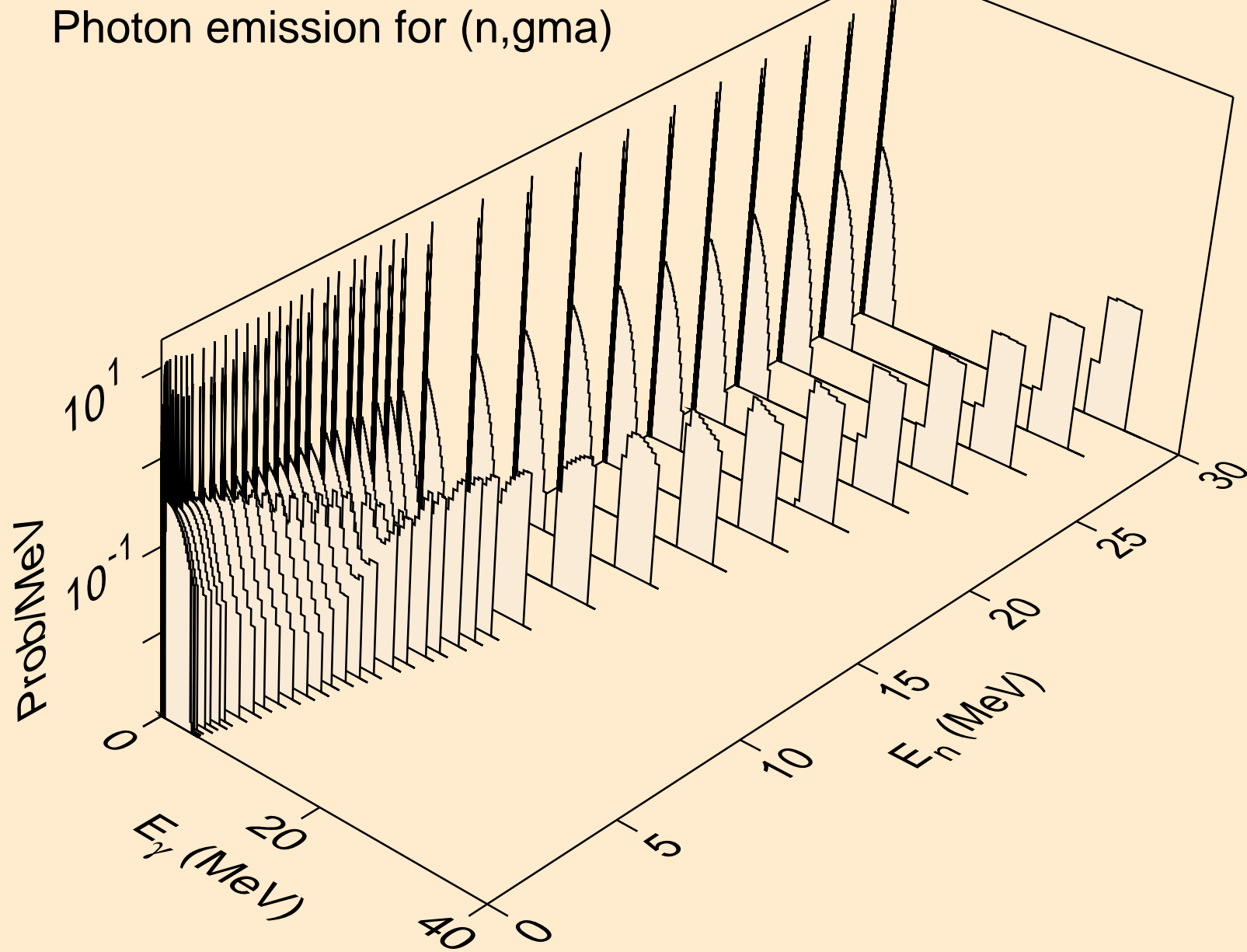
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

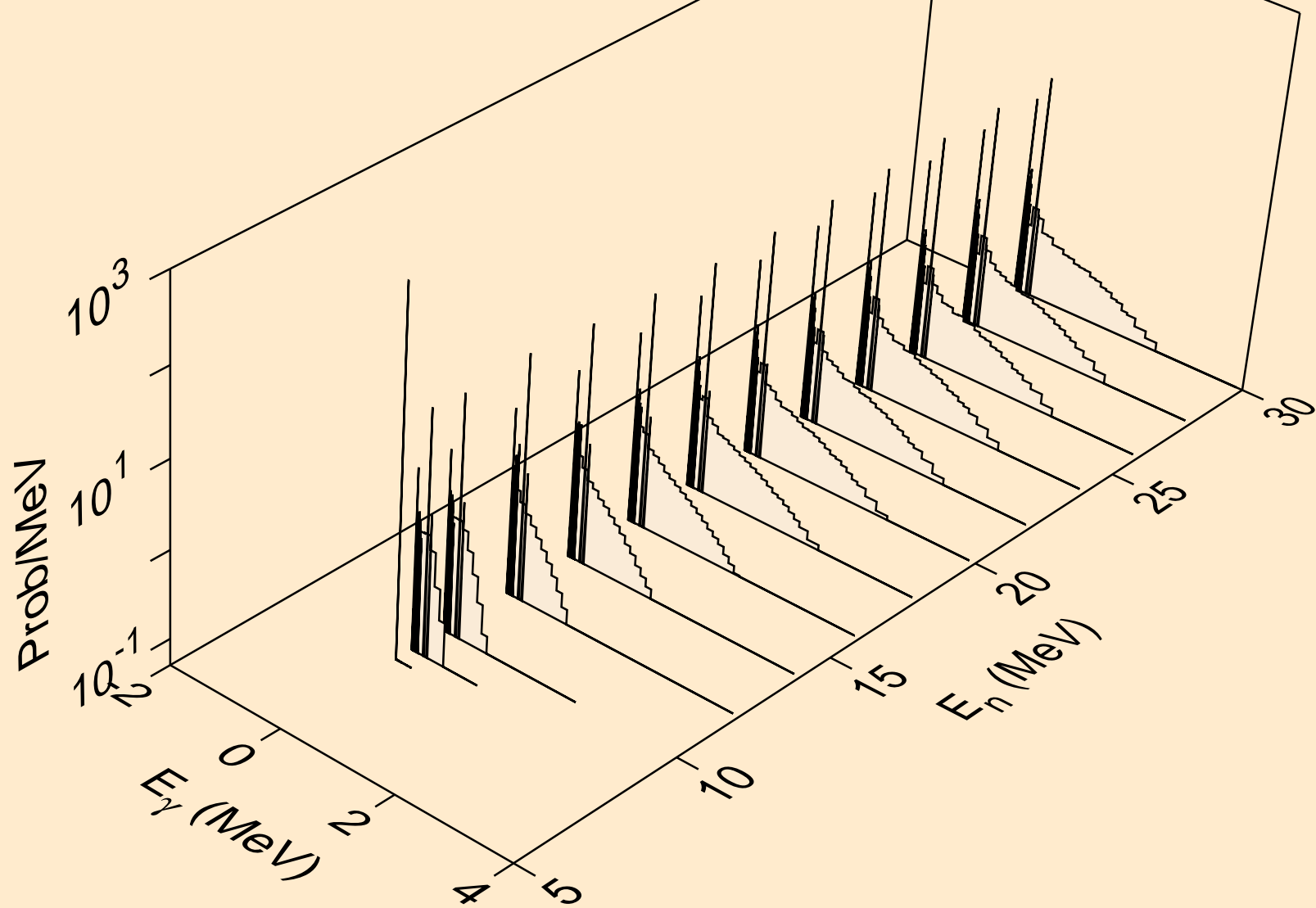


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

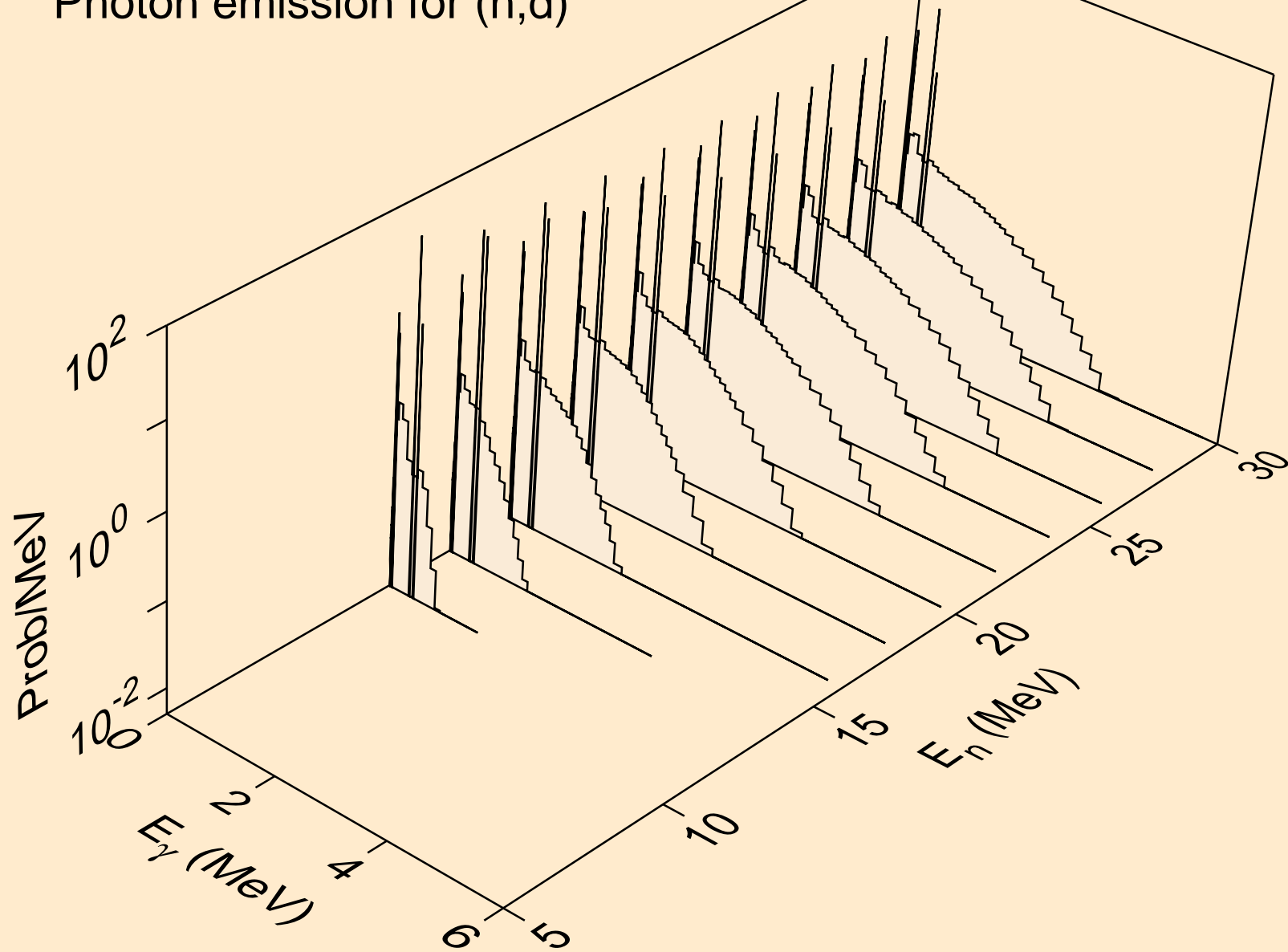




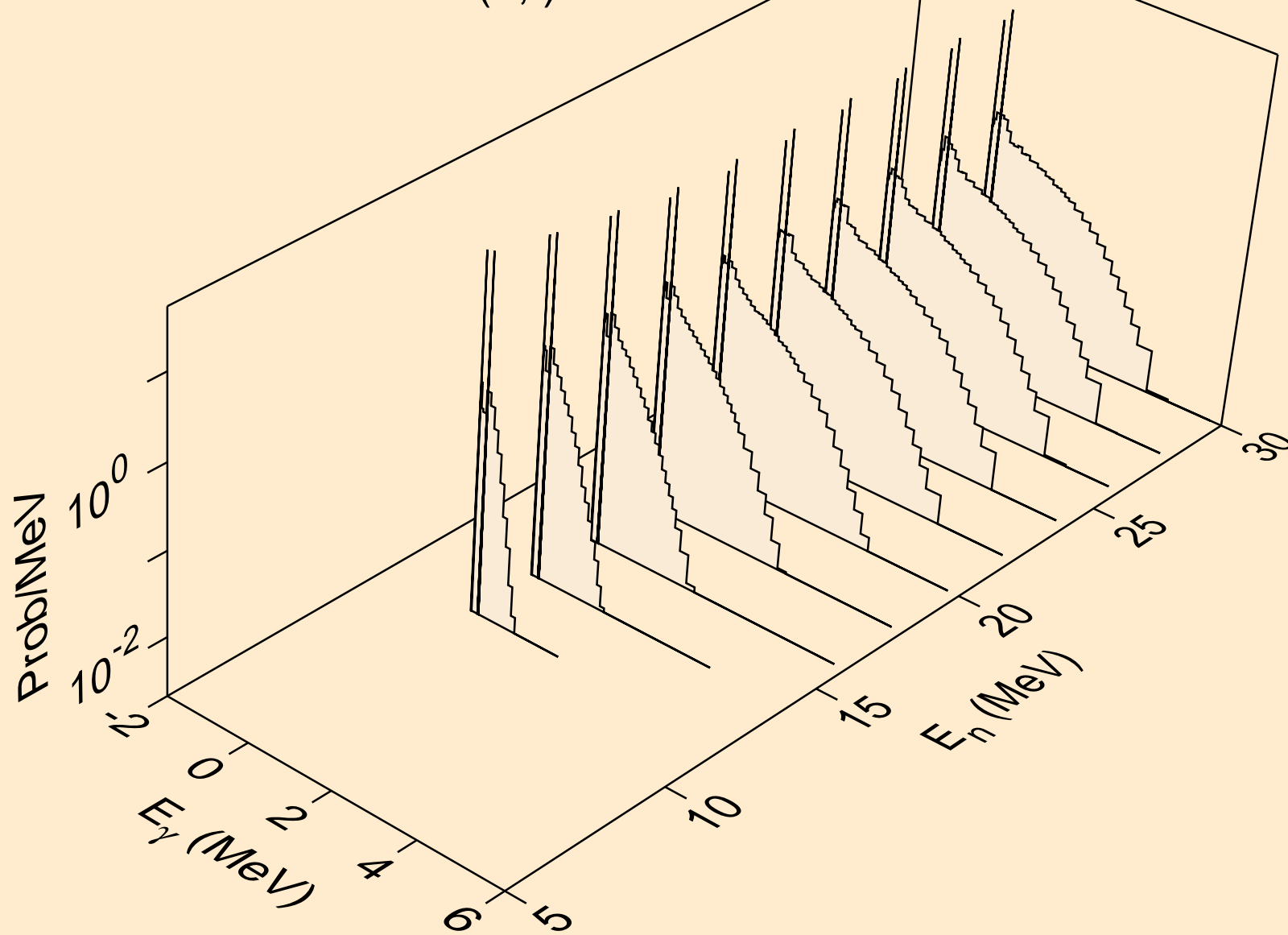
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



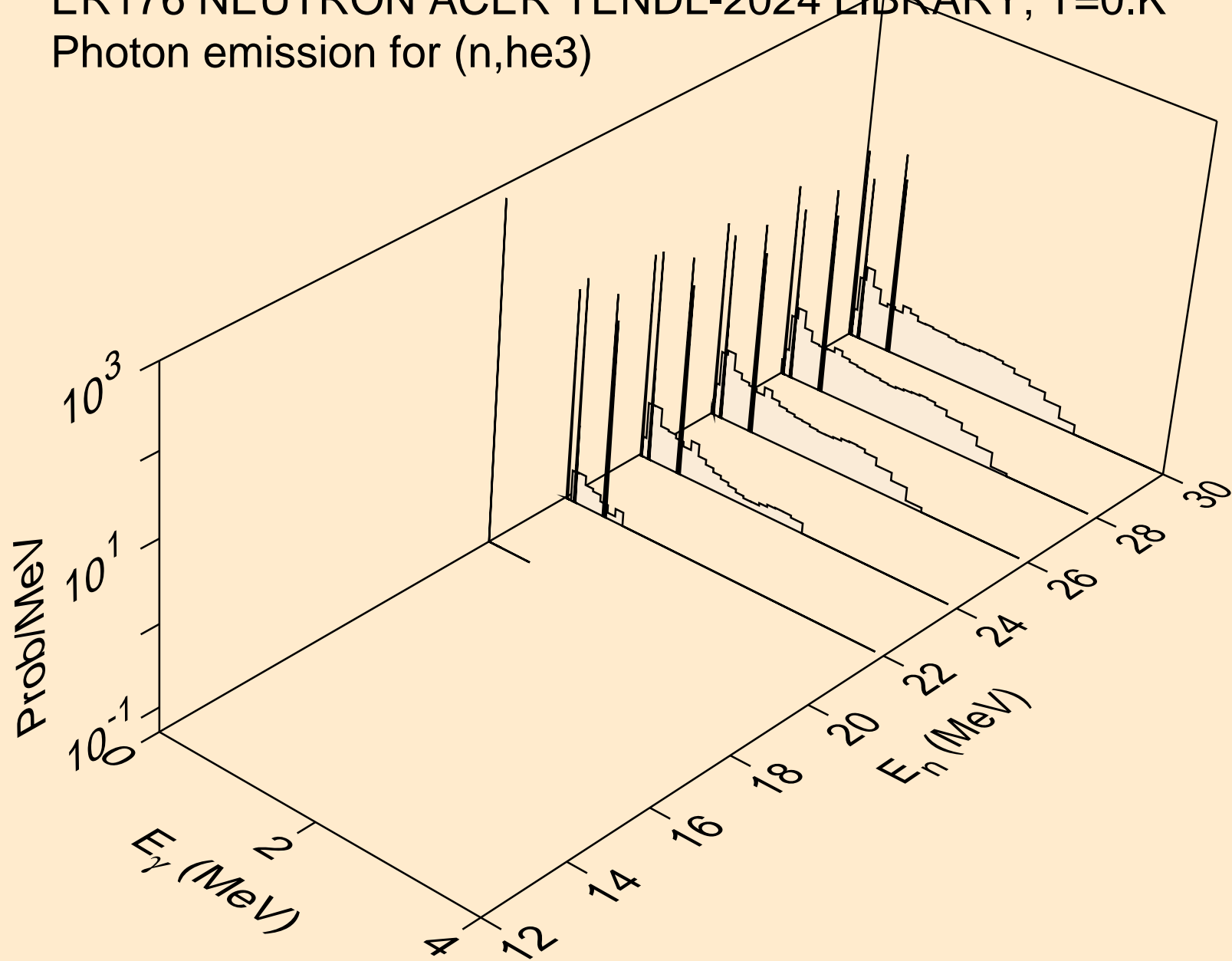
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



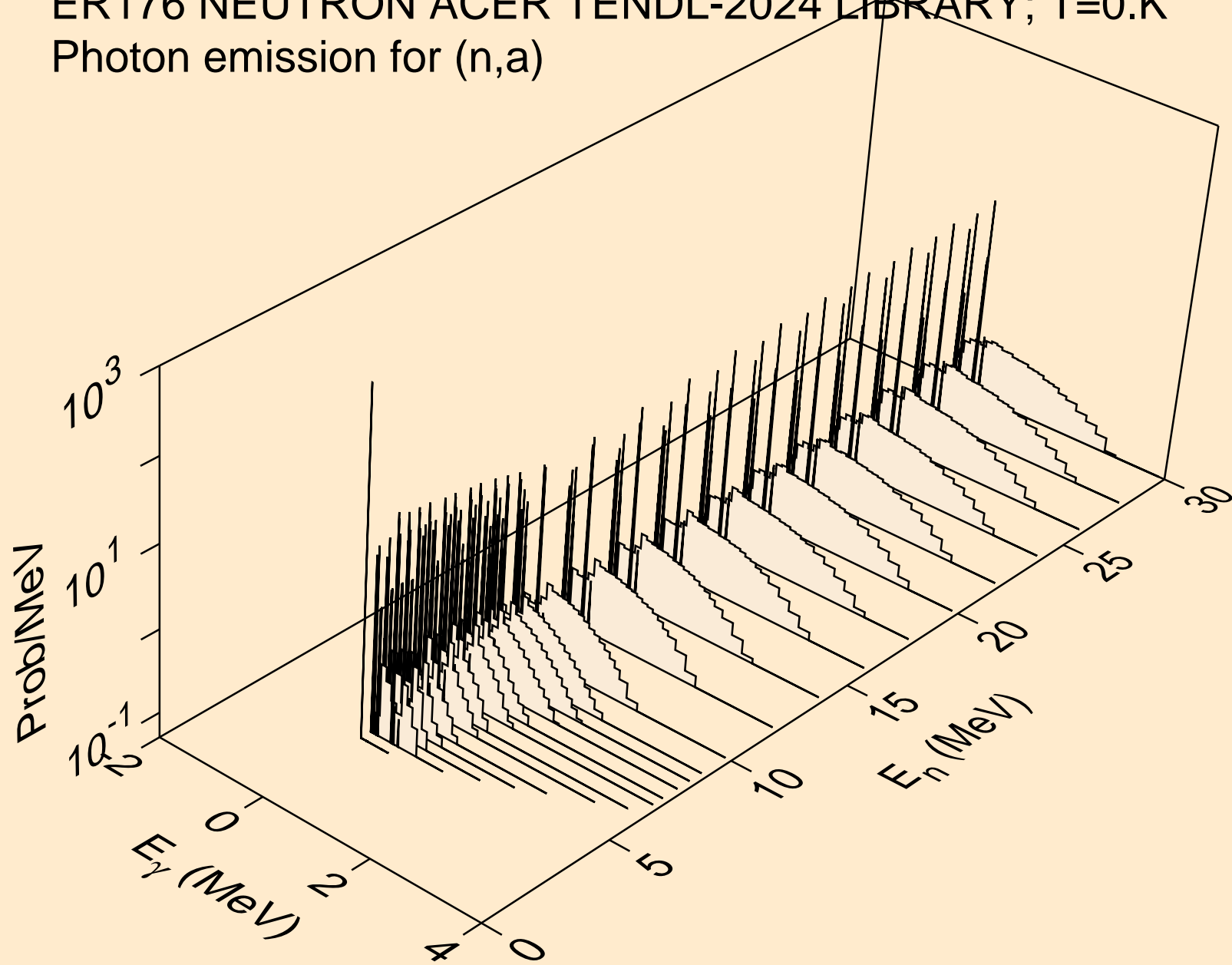
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



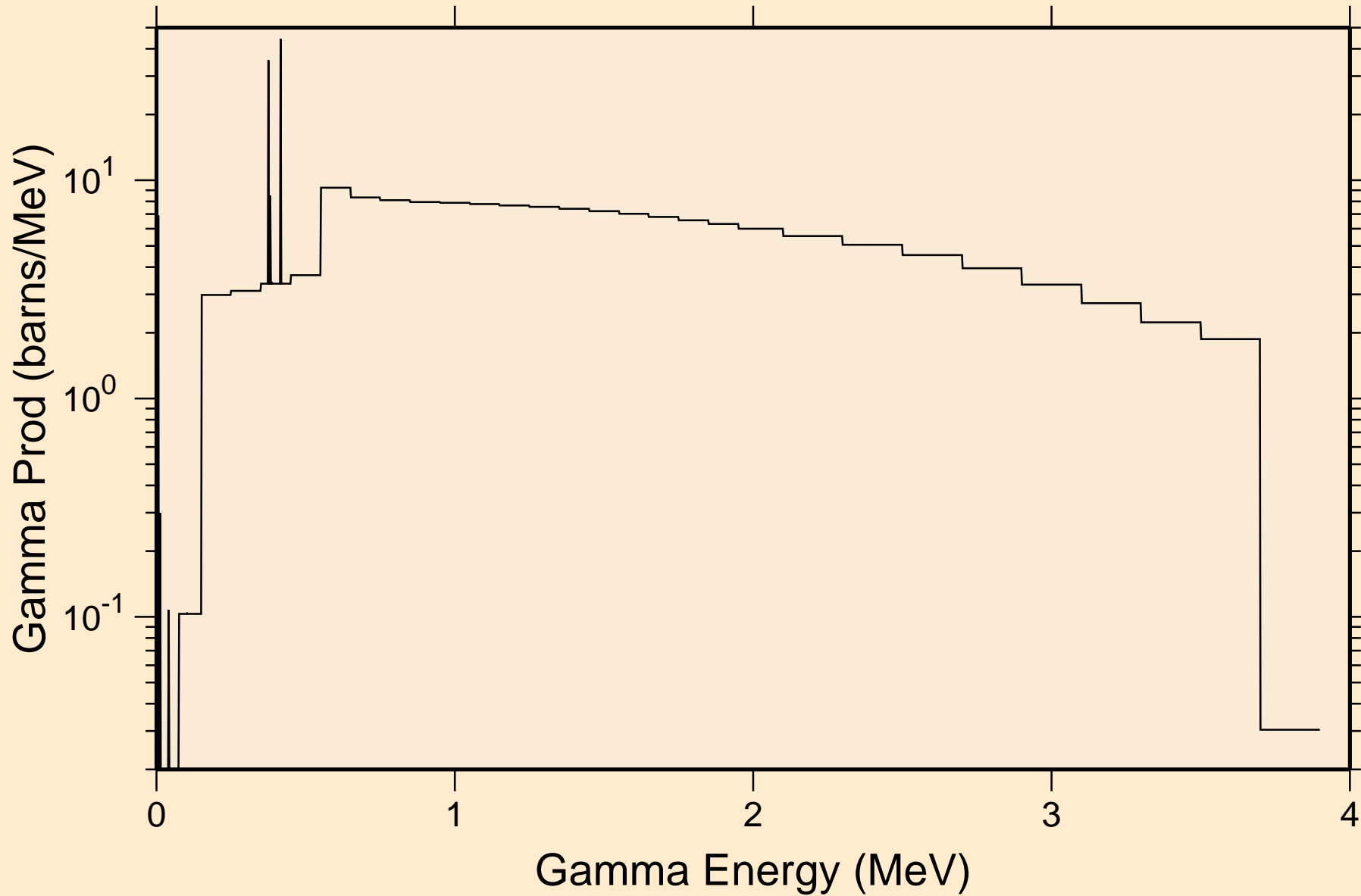
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



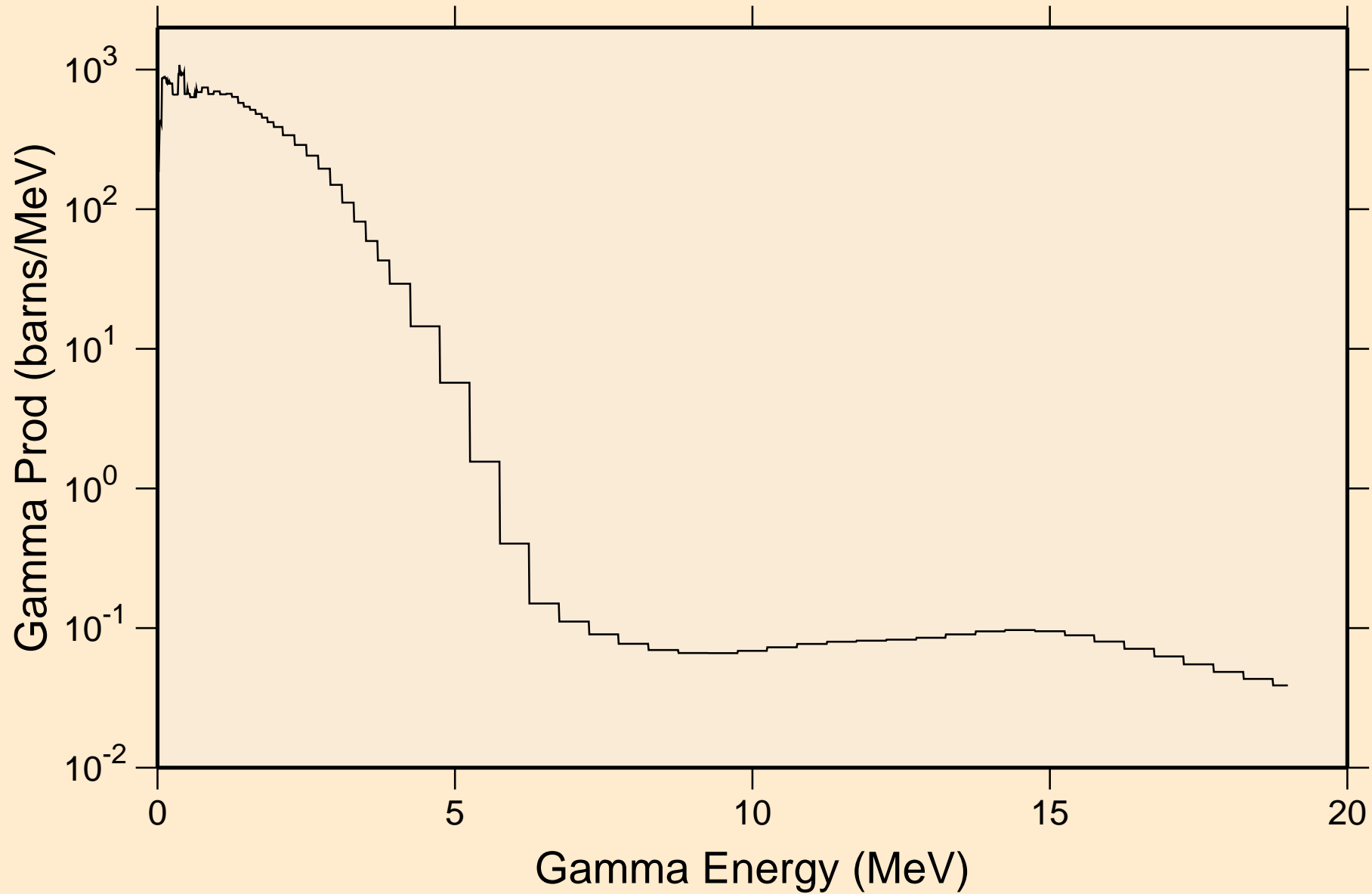
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

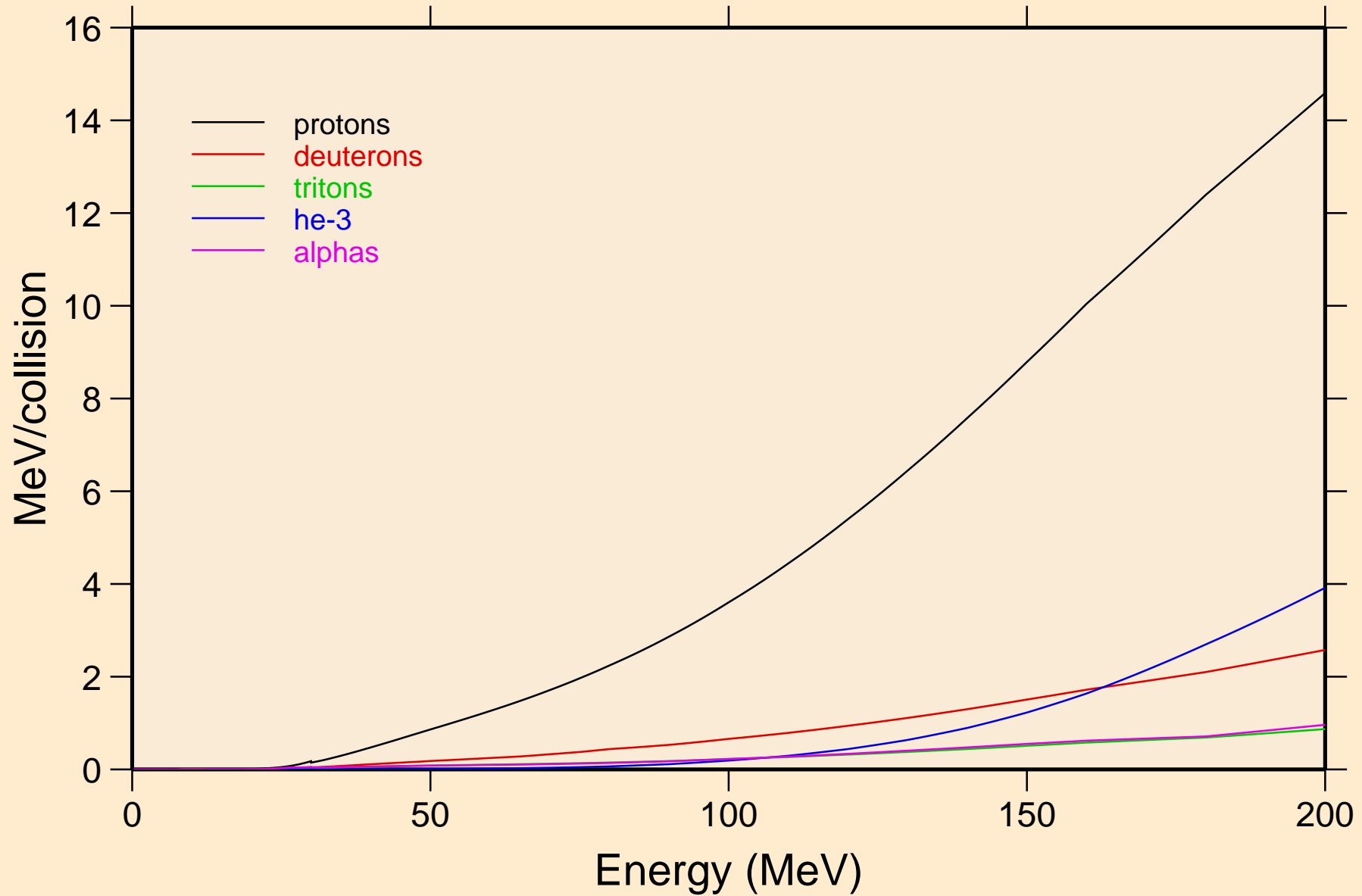


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



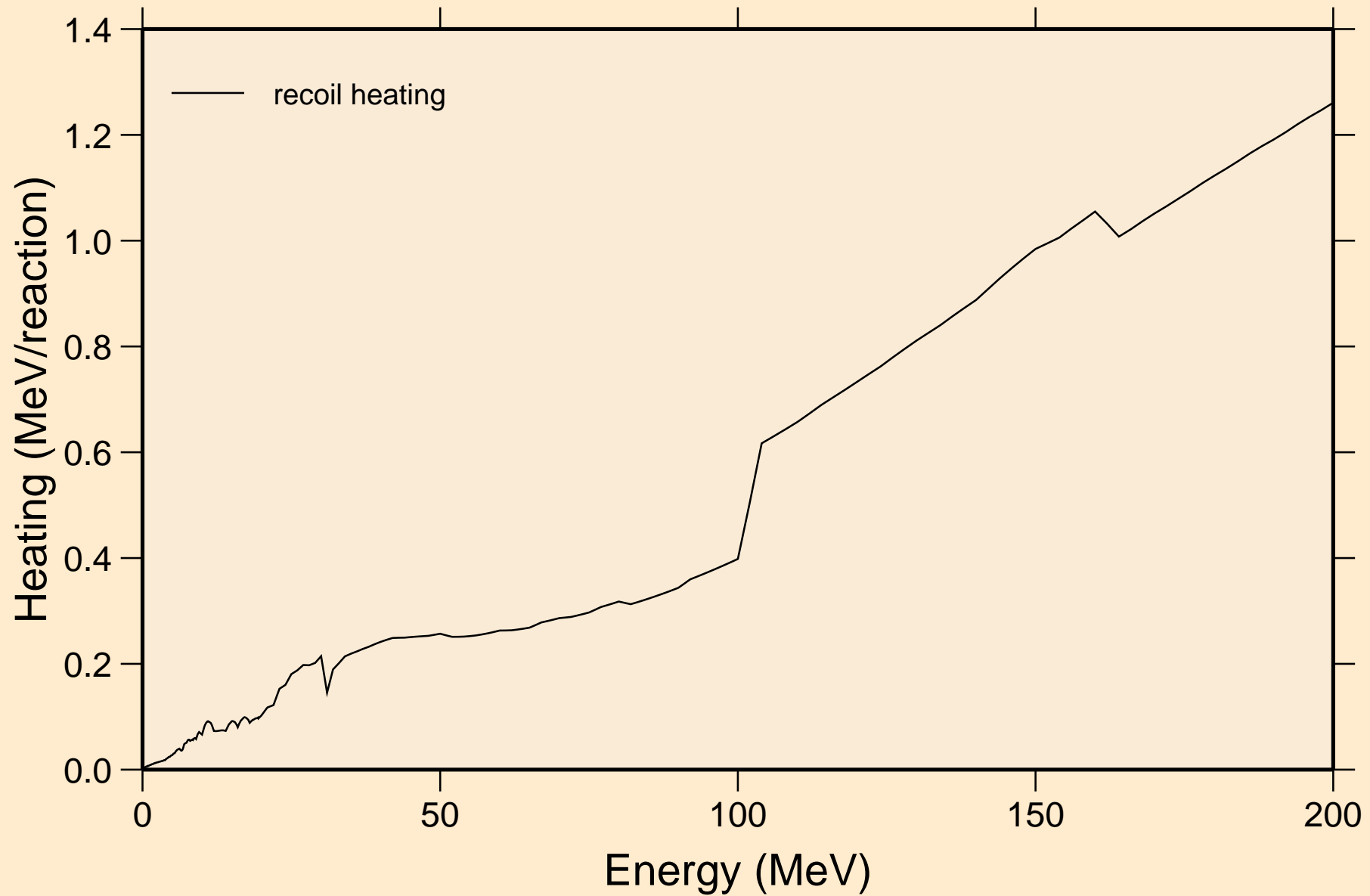
# ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

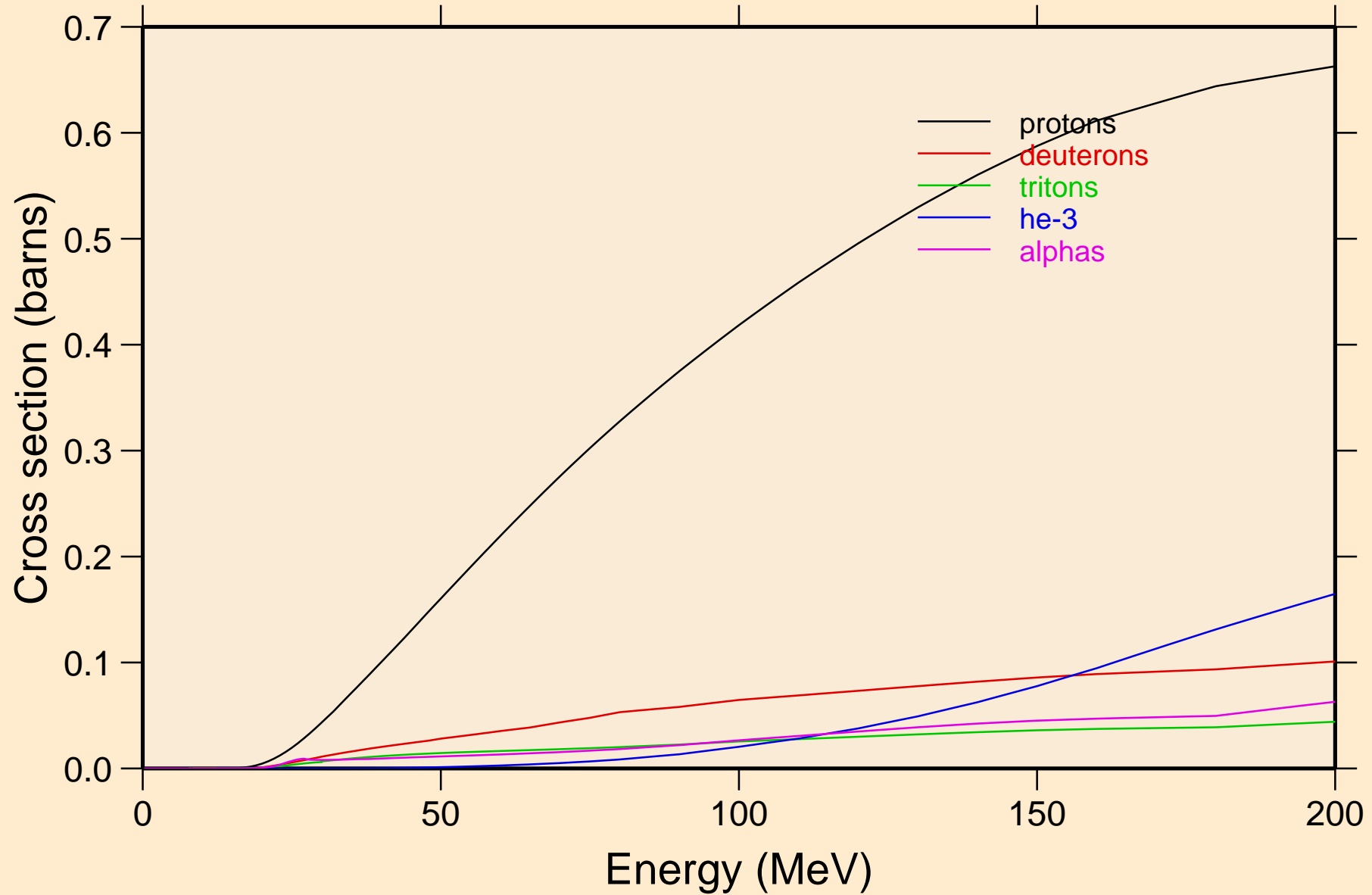




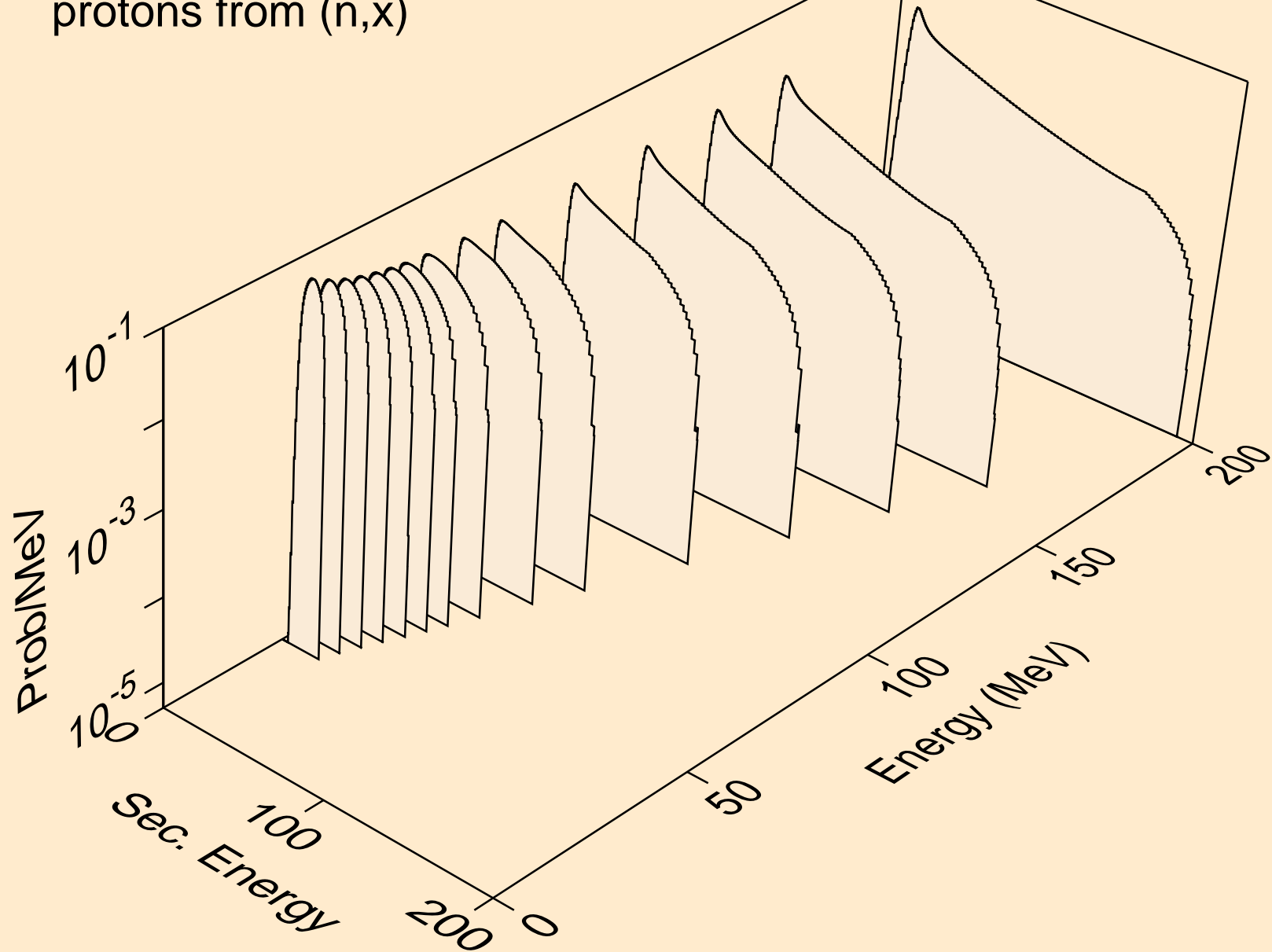
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



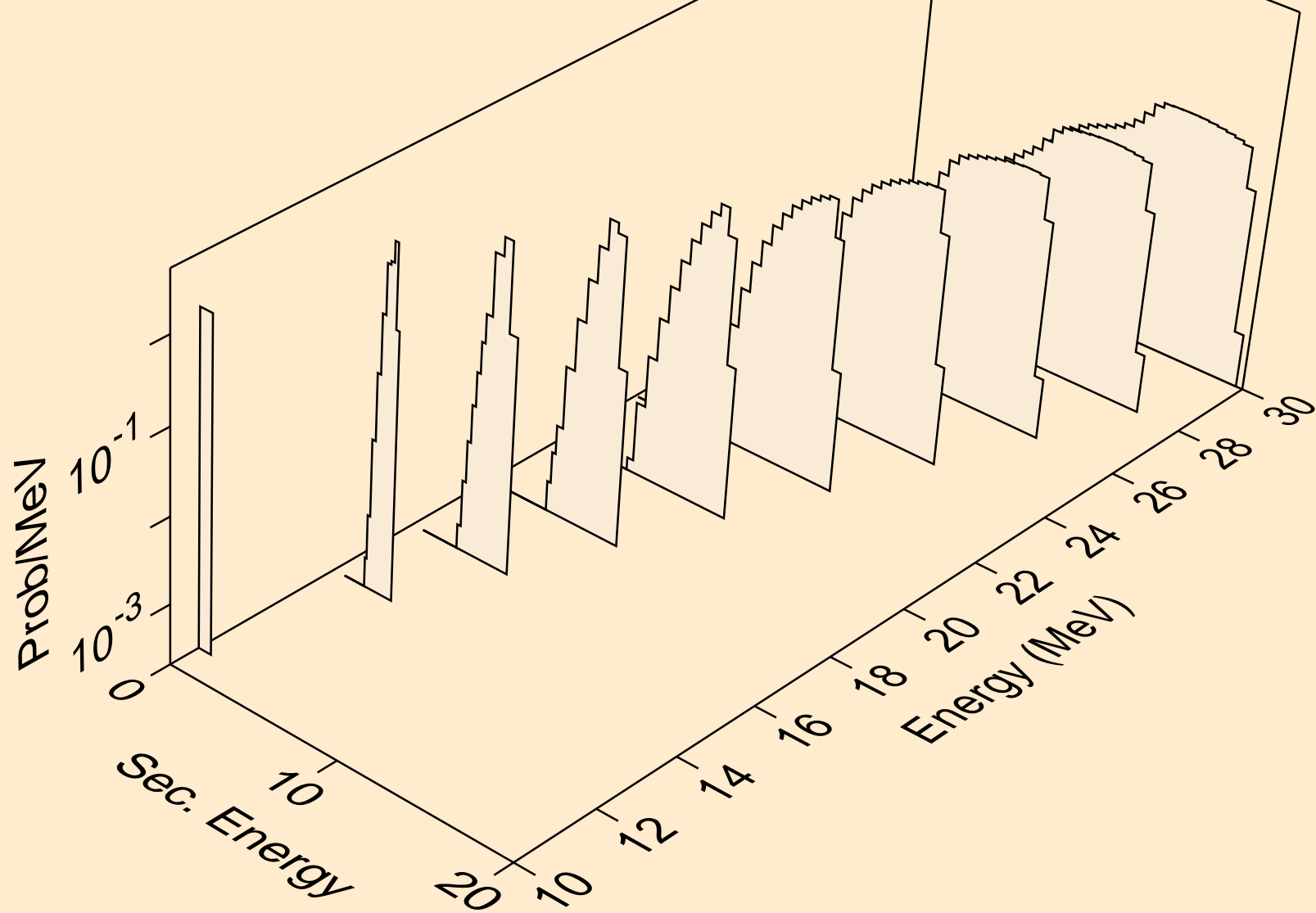
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



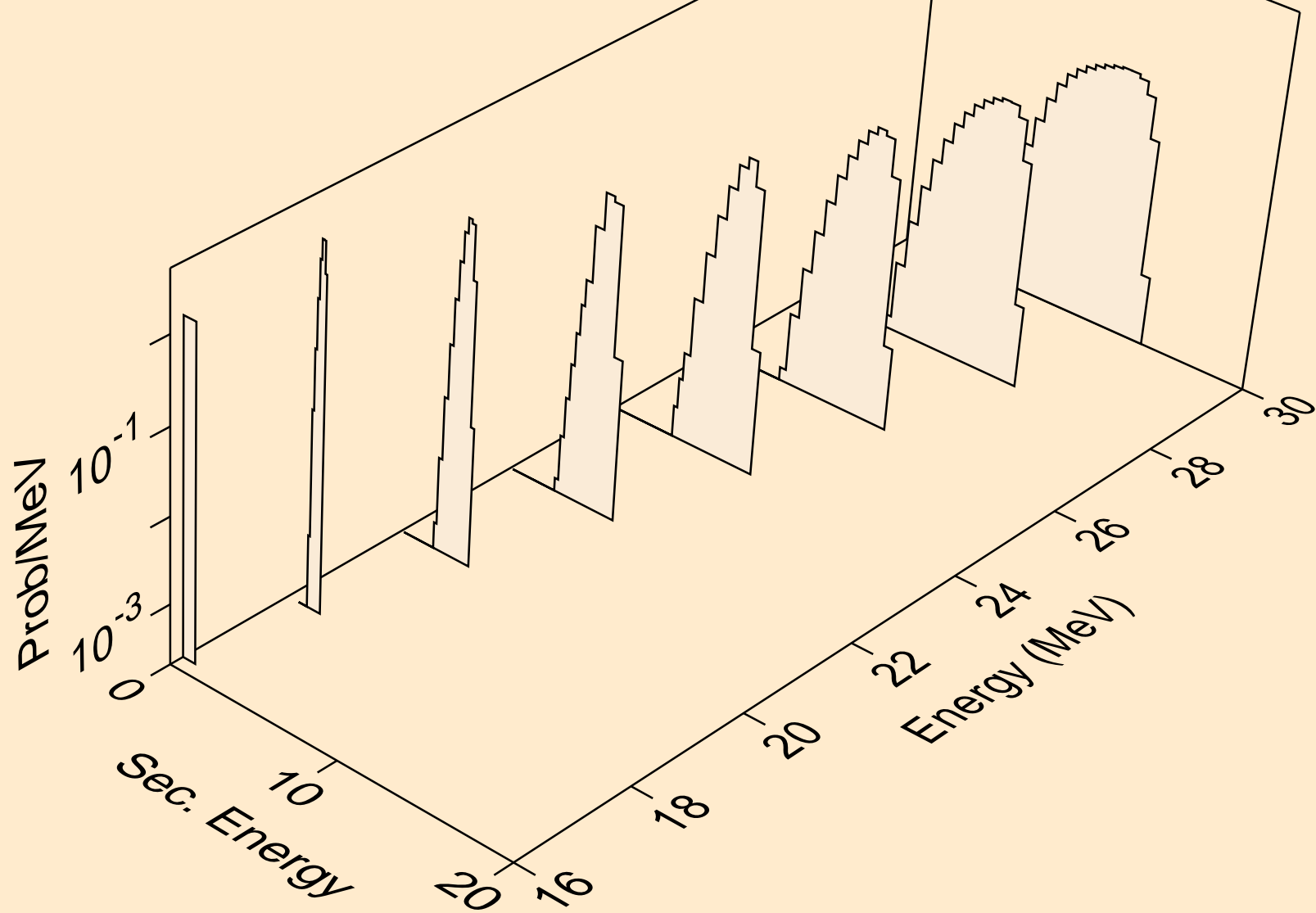
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



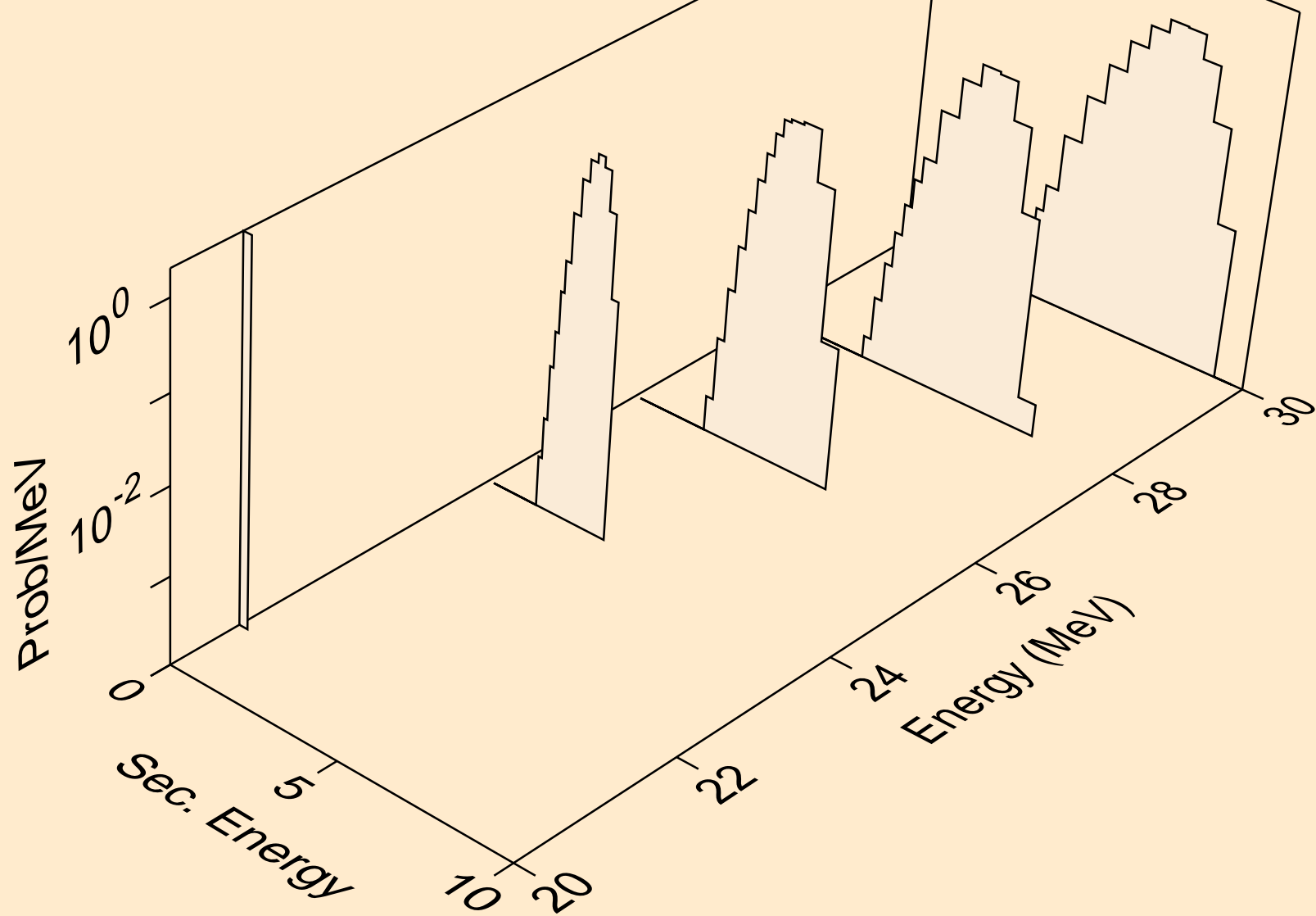
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



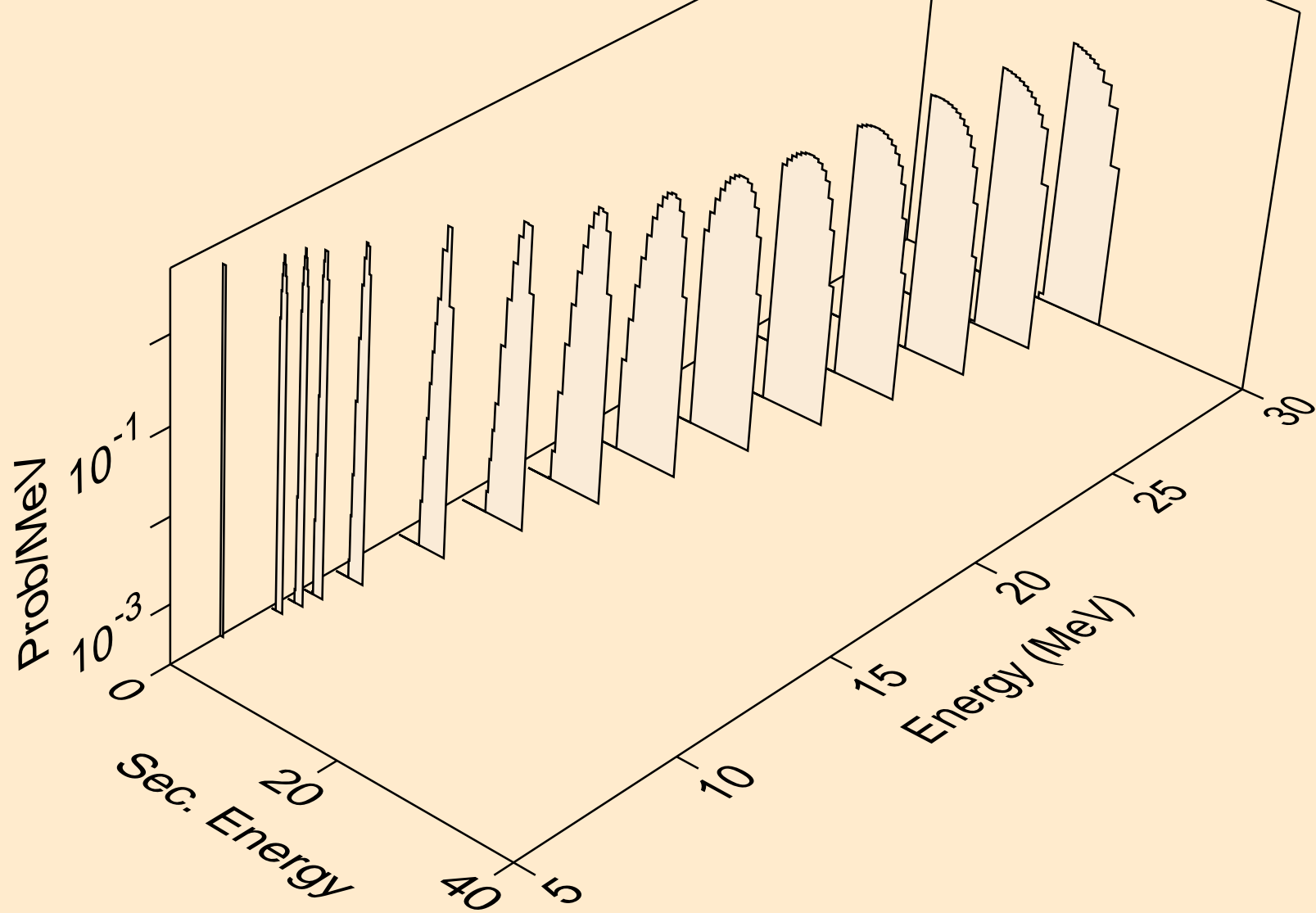
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protons from (n,2np)



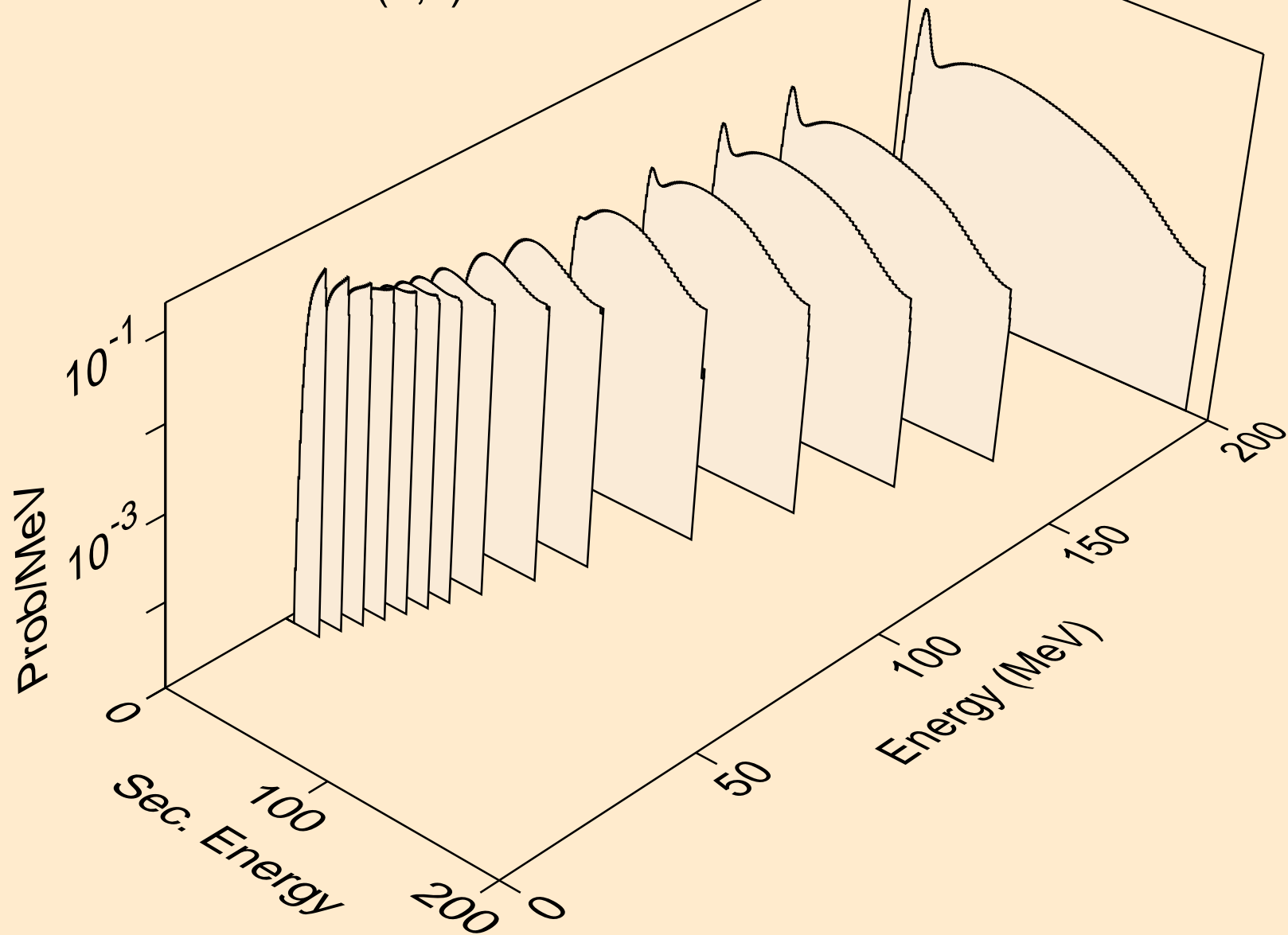
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

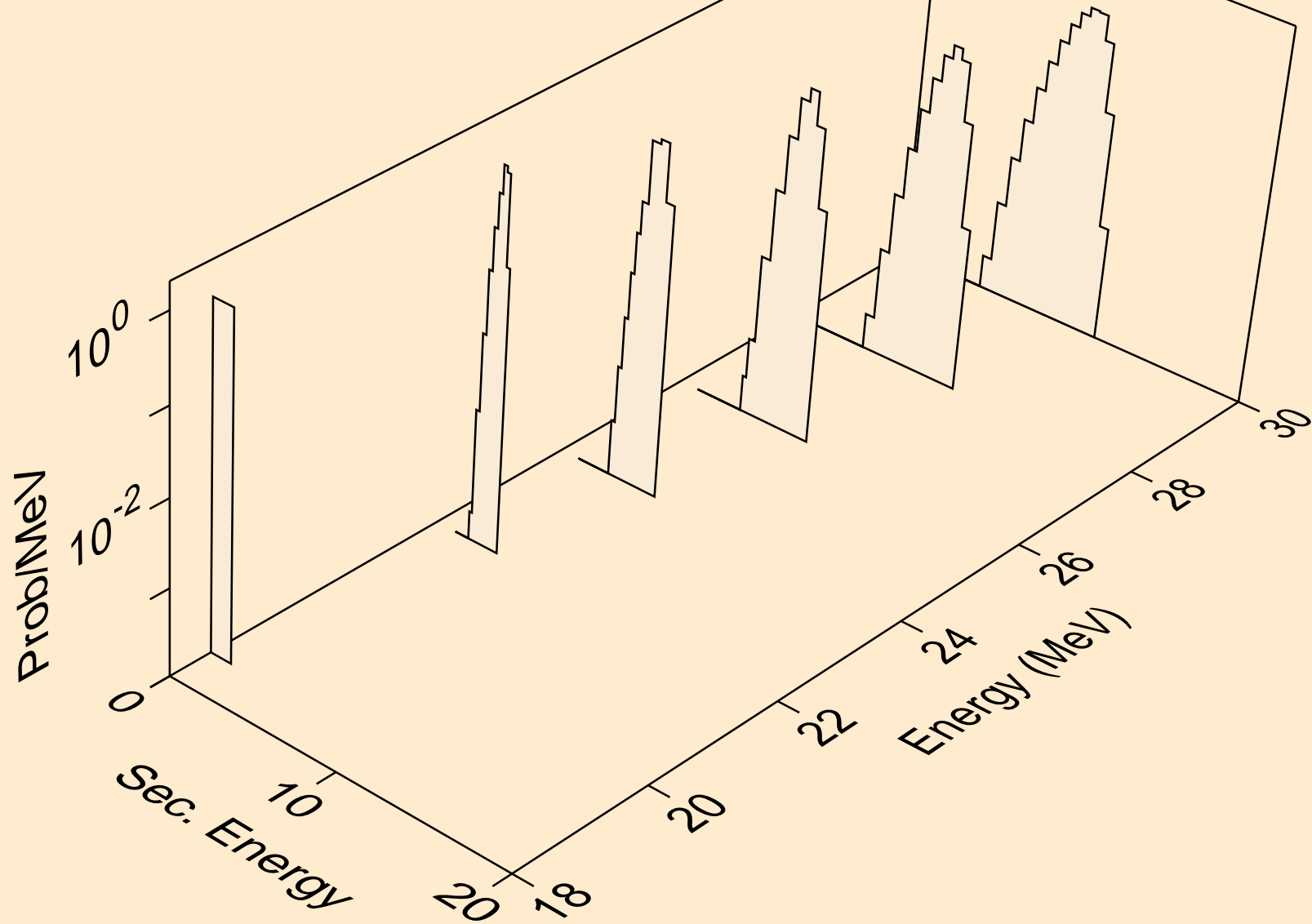


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

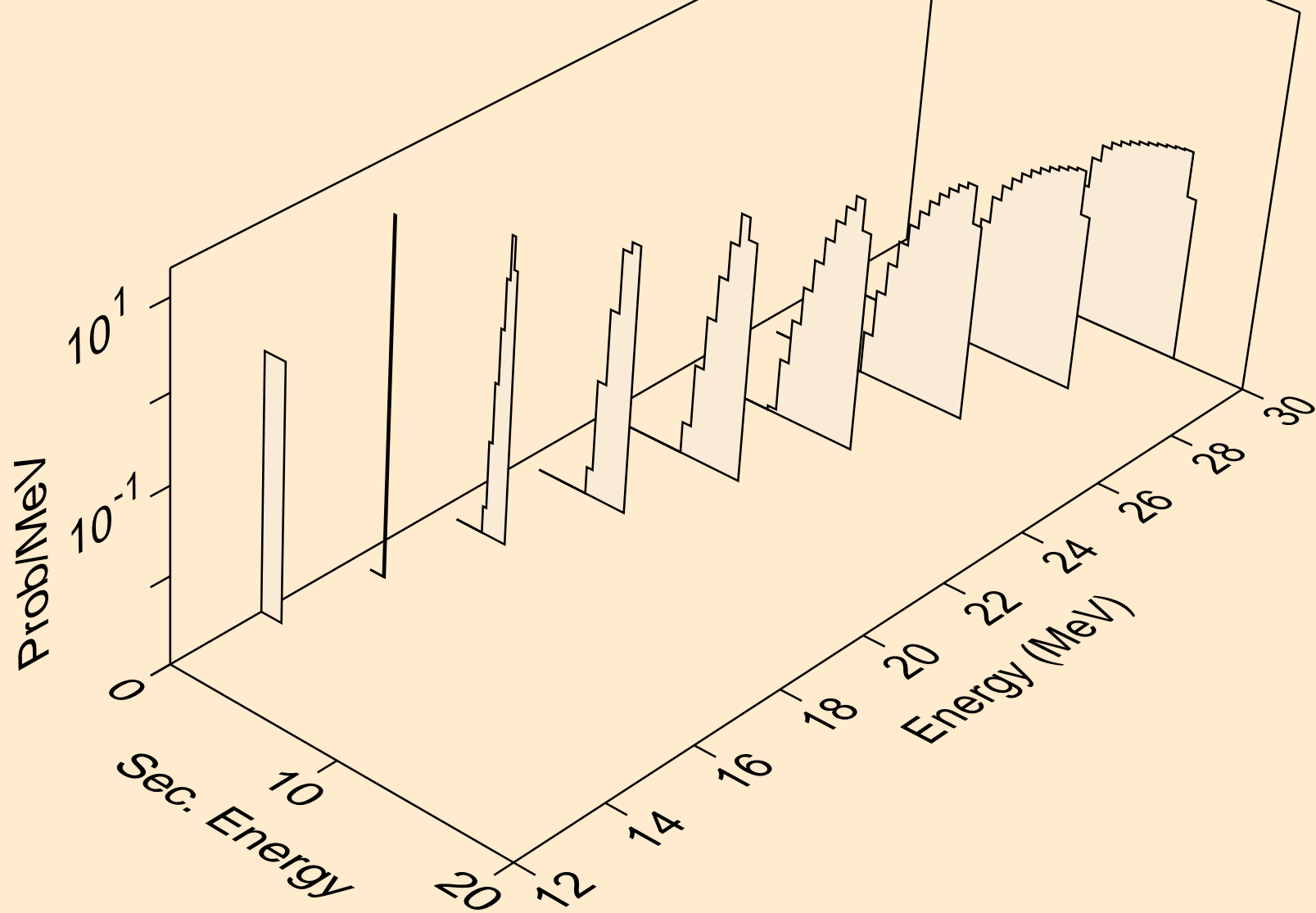




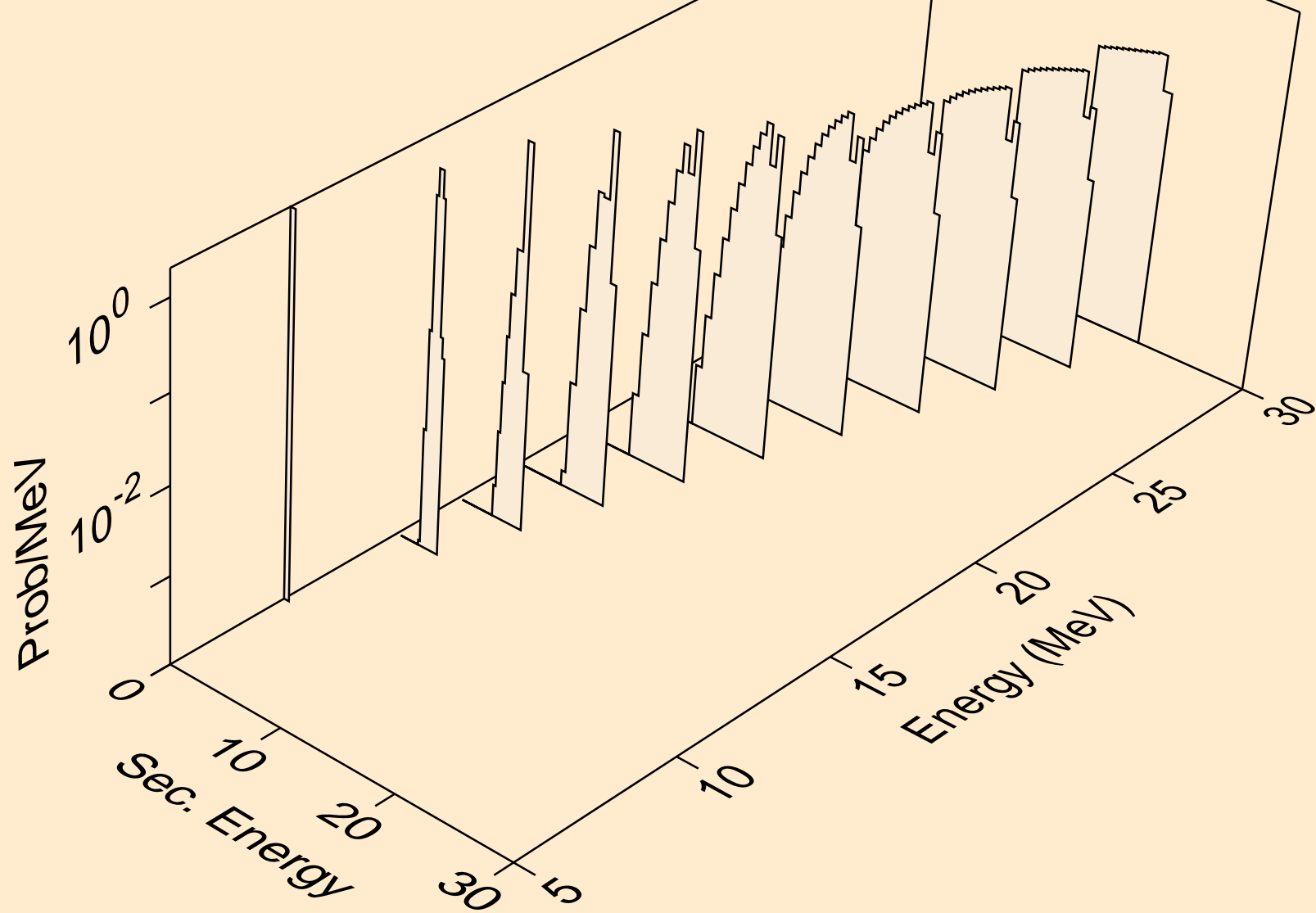
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deuterons from (n,2nd)



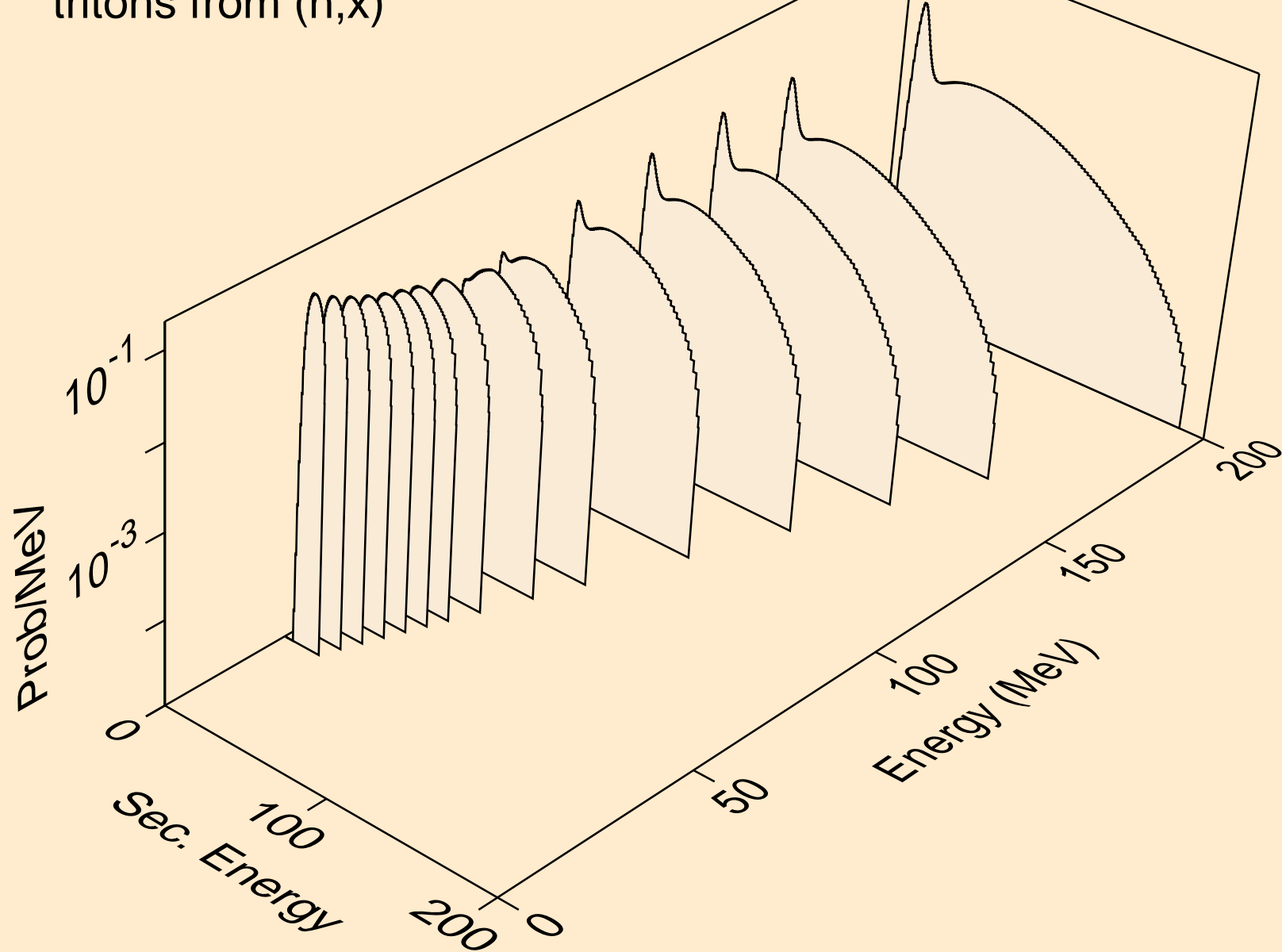
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deuterons from (n,n\*)d



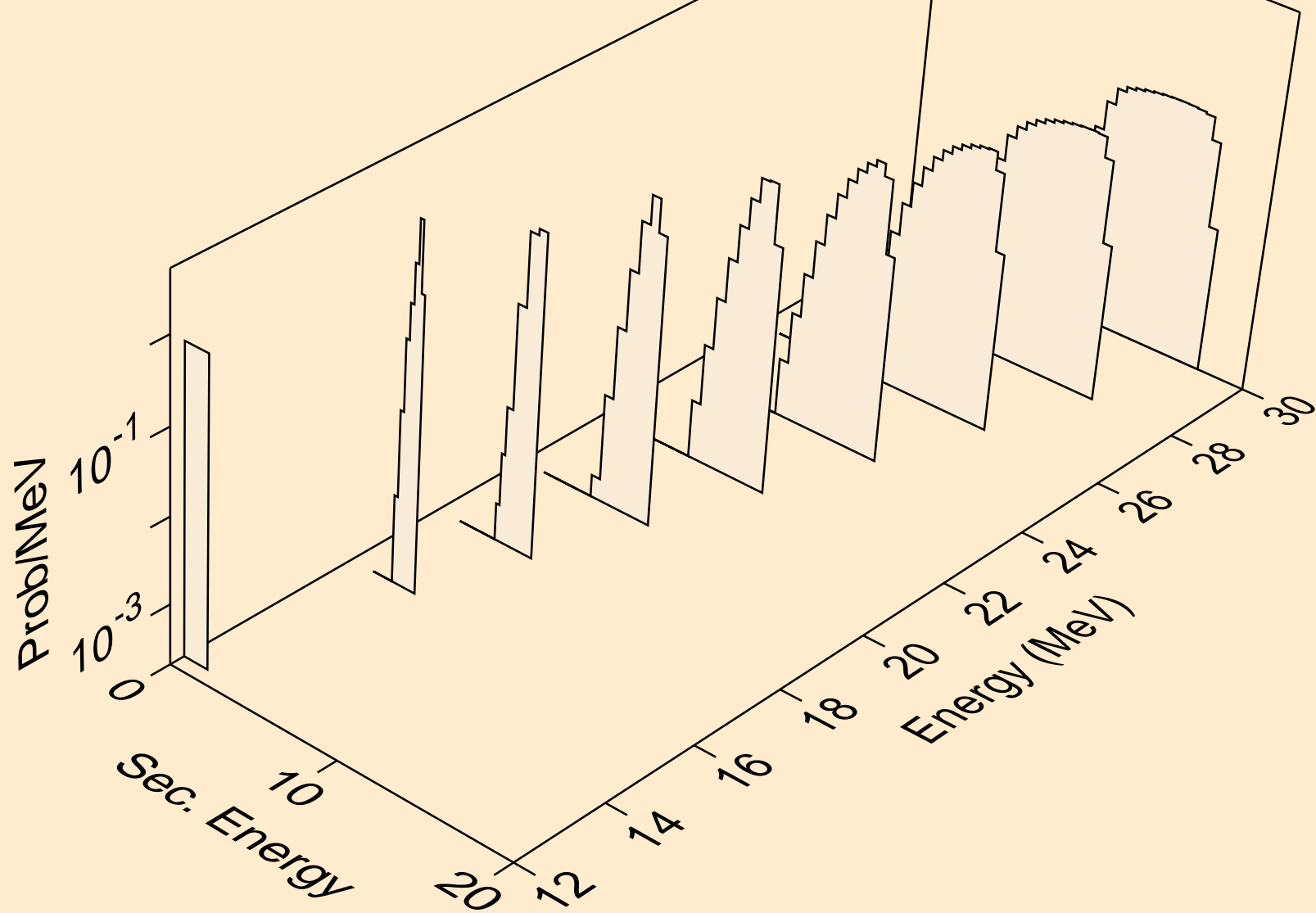
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deuterons from (n,d)



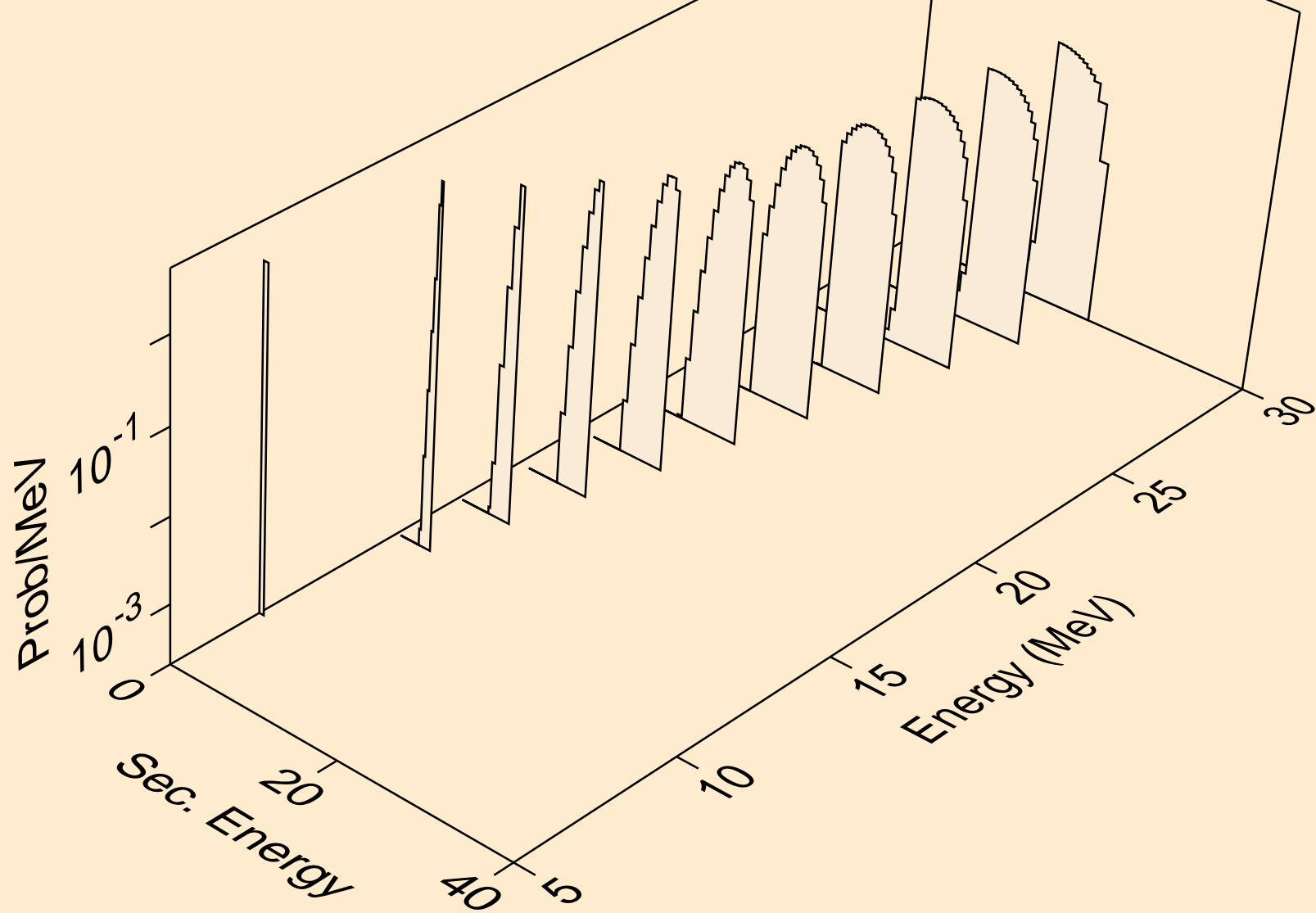
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



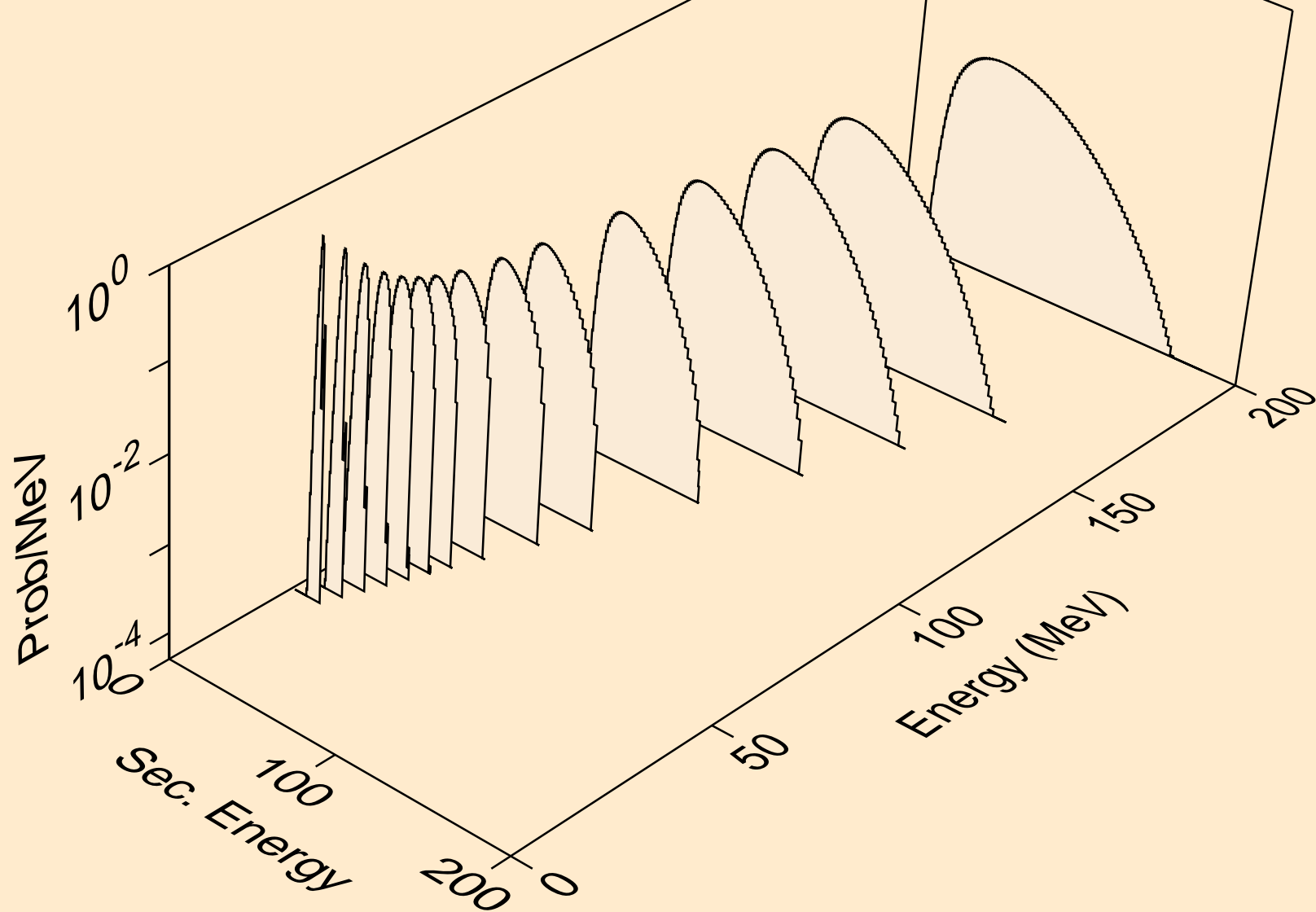
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tritons from (n,n\*)t



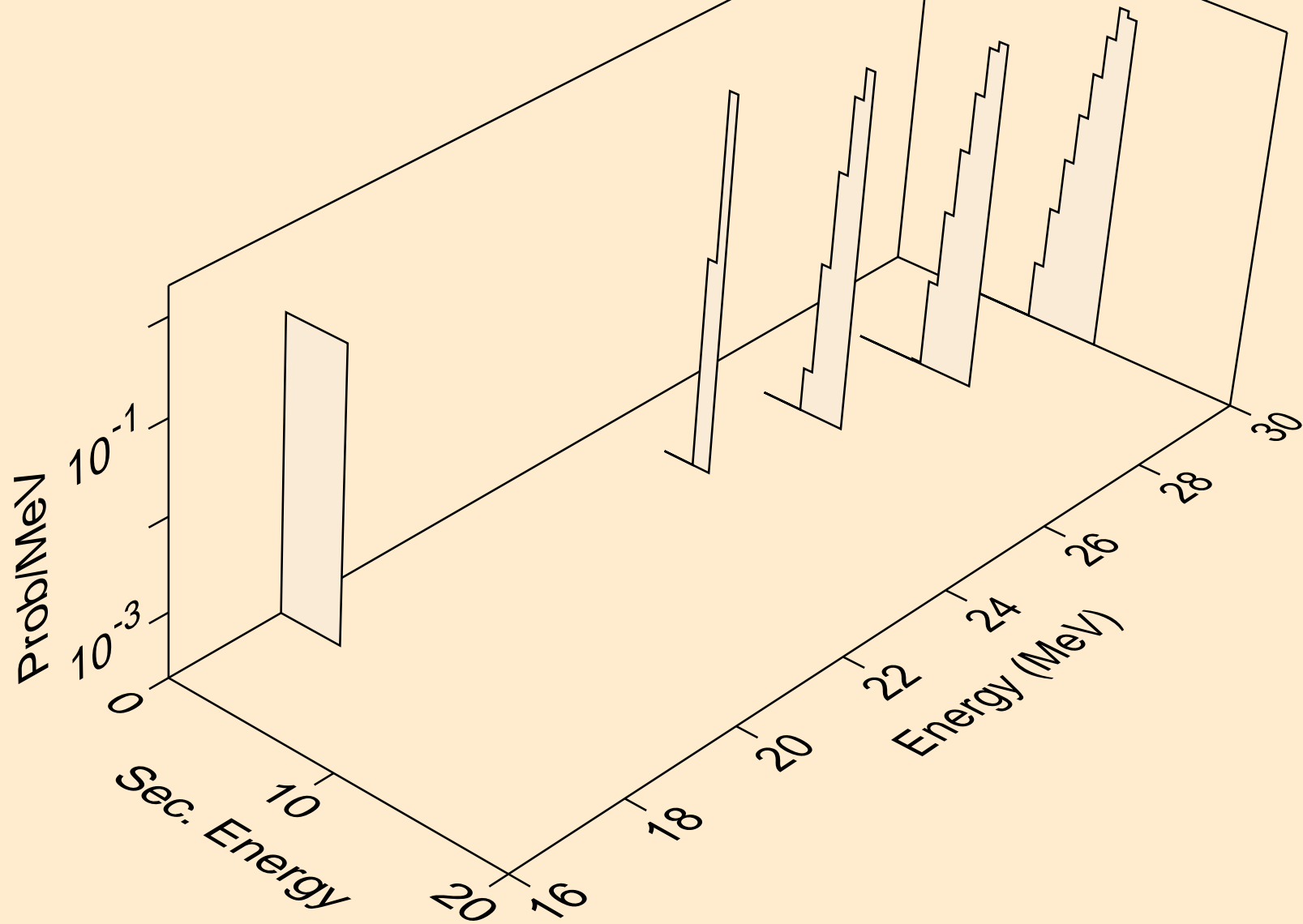
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

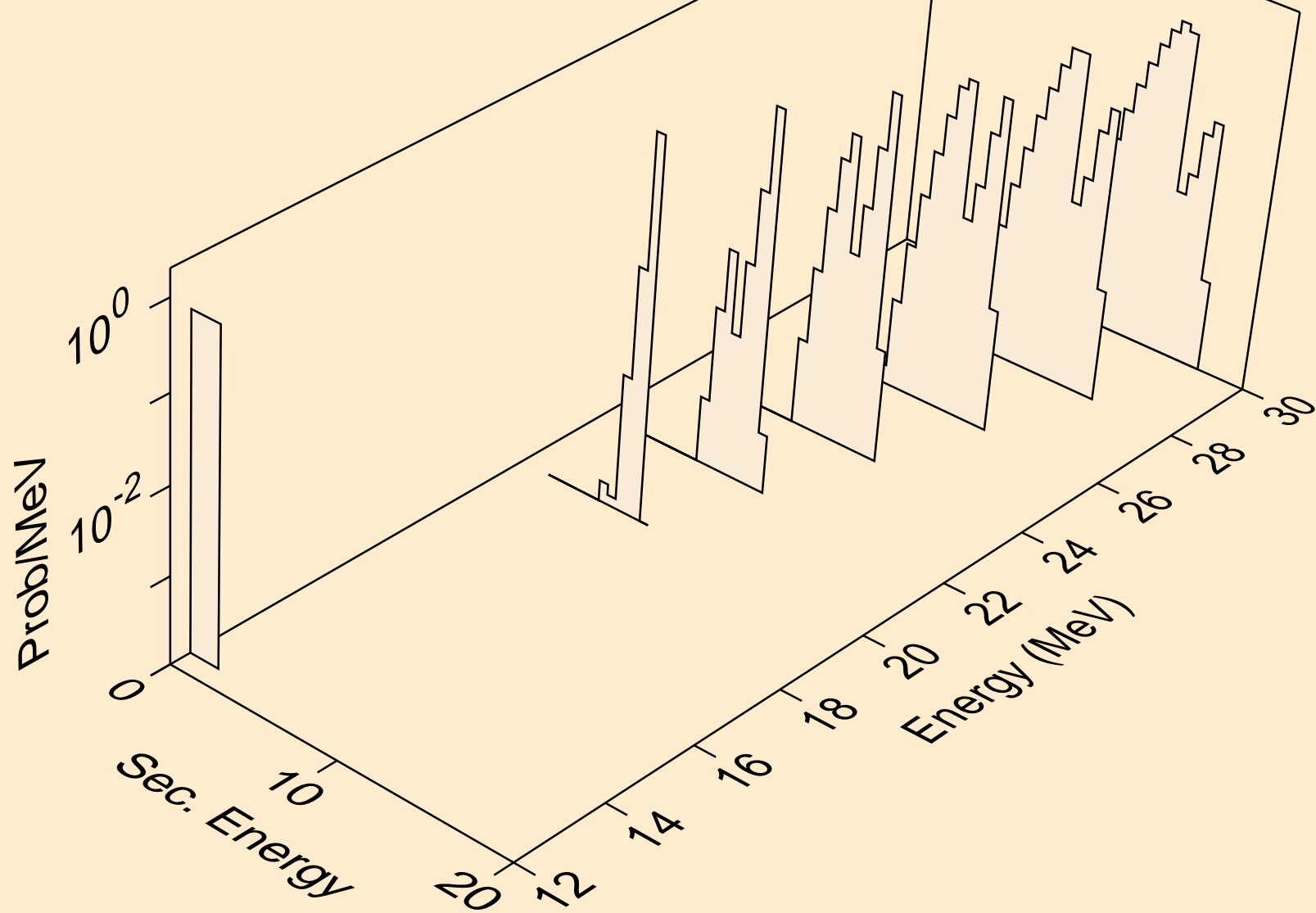


ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

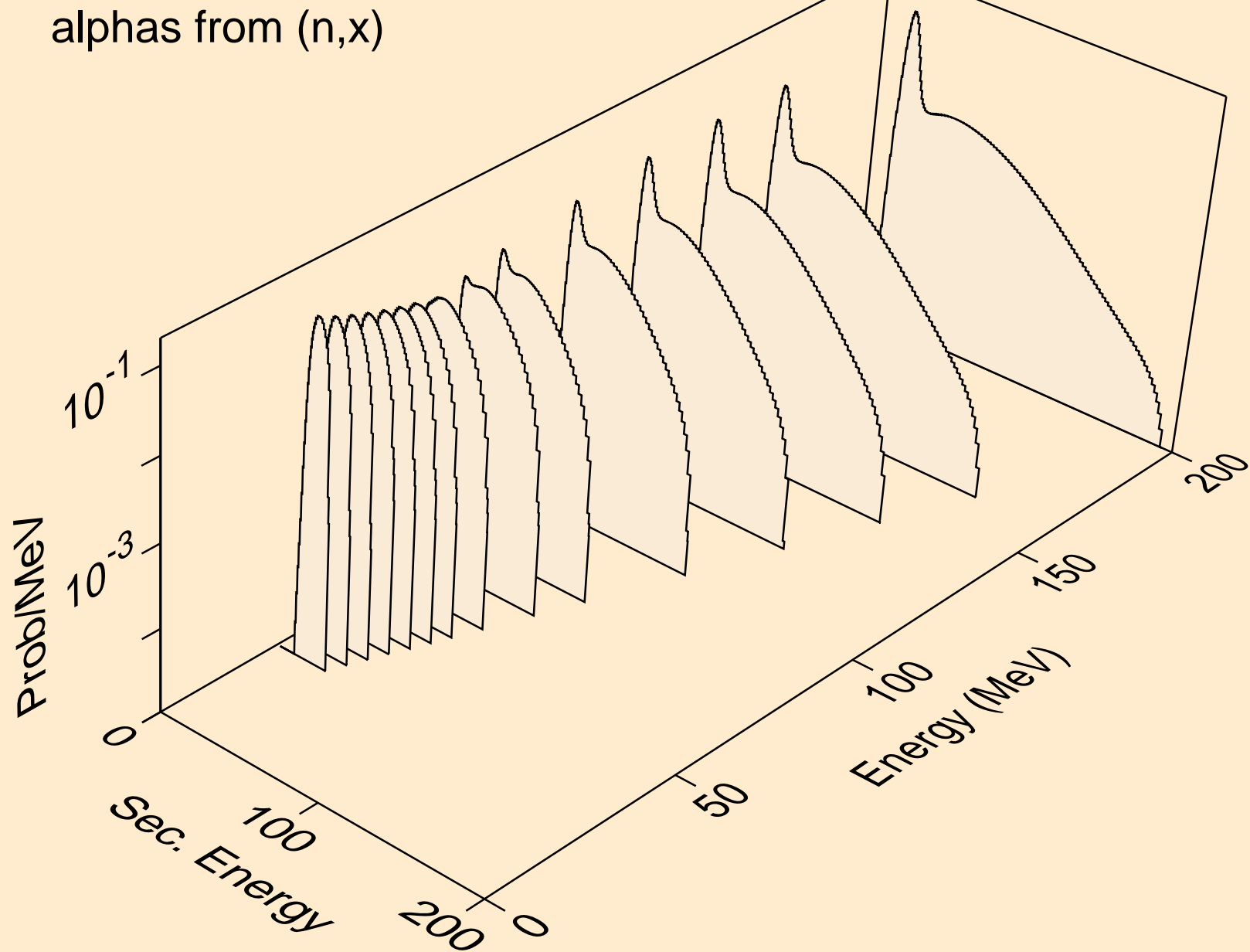




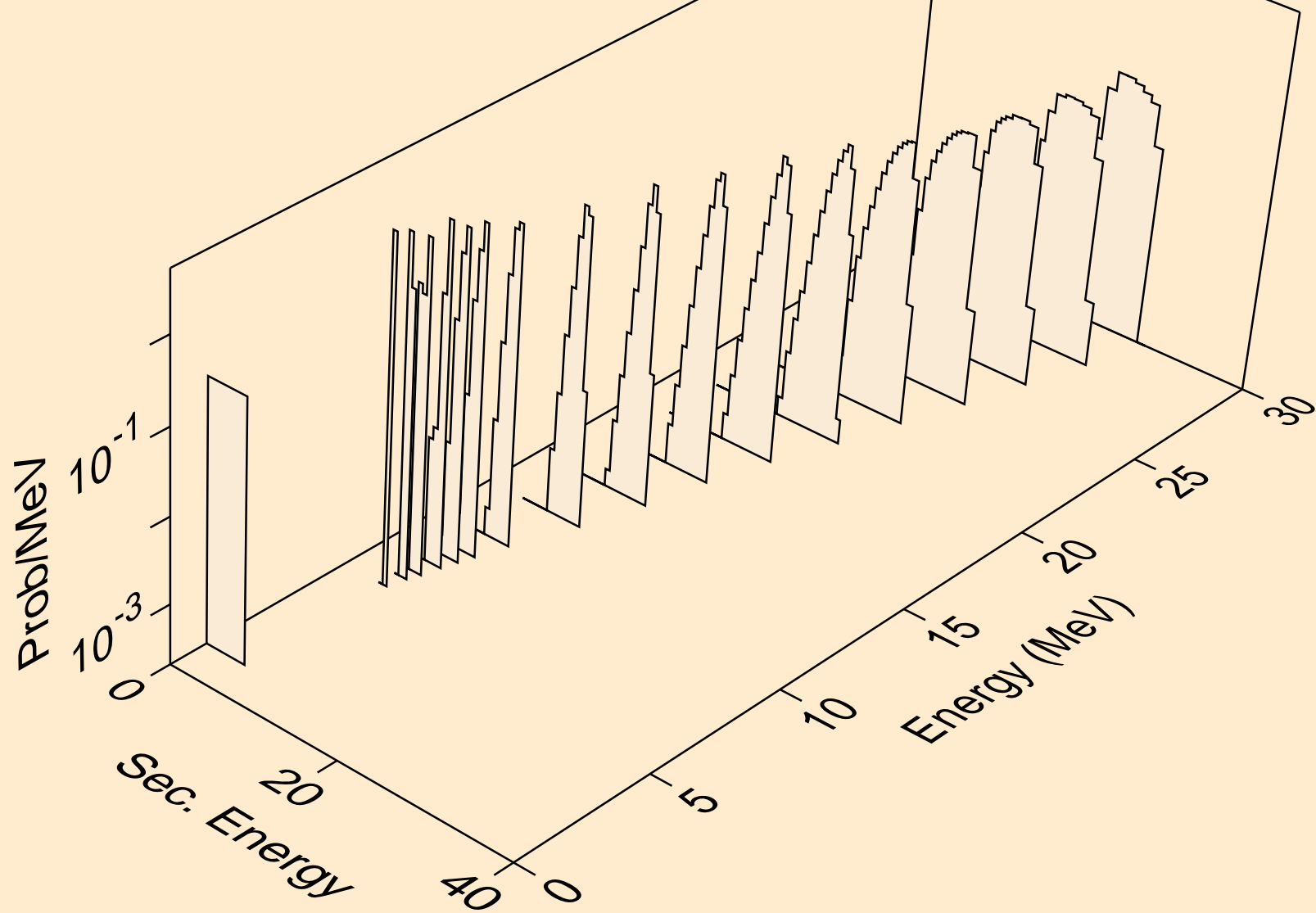
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he3s from (n,he3)



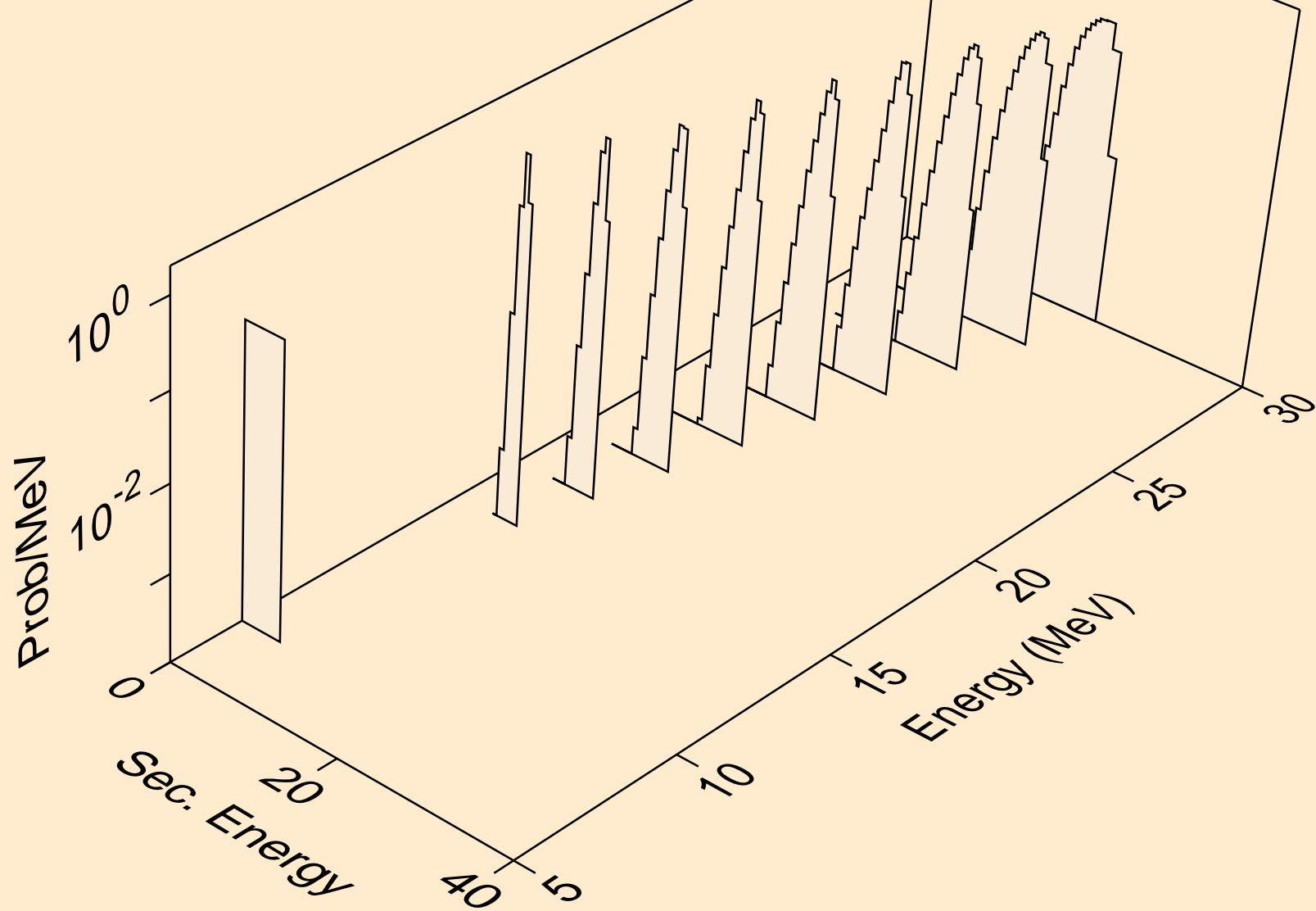
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



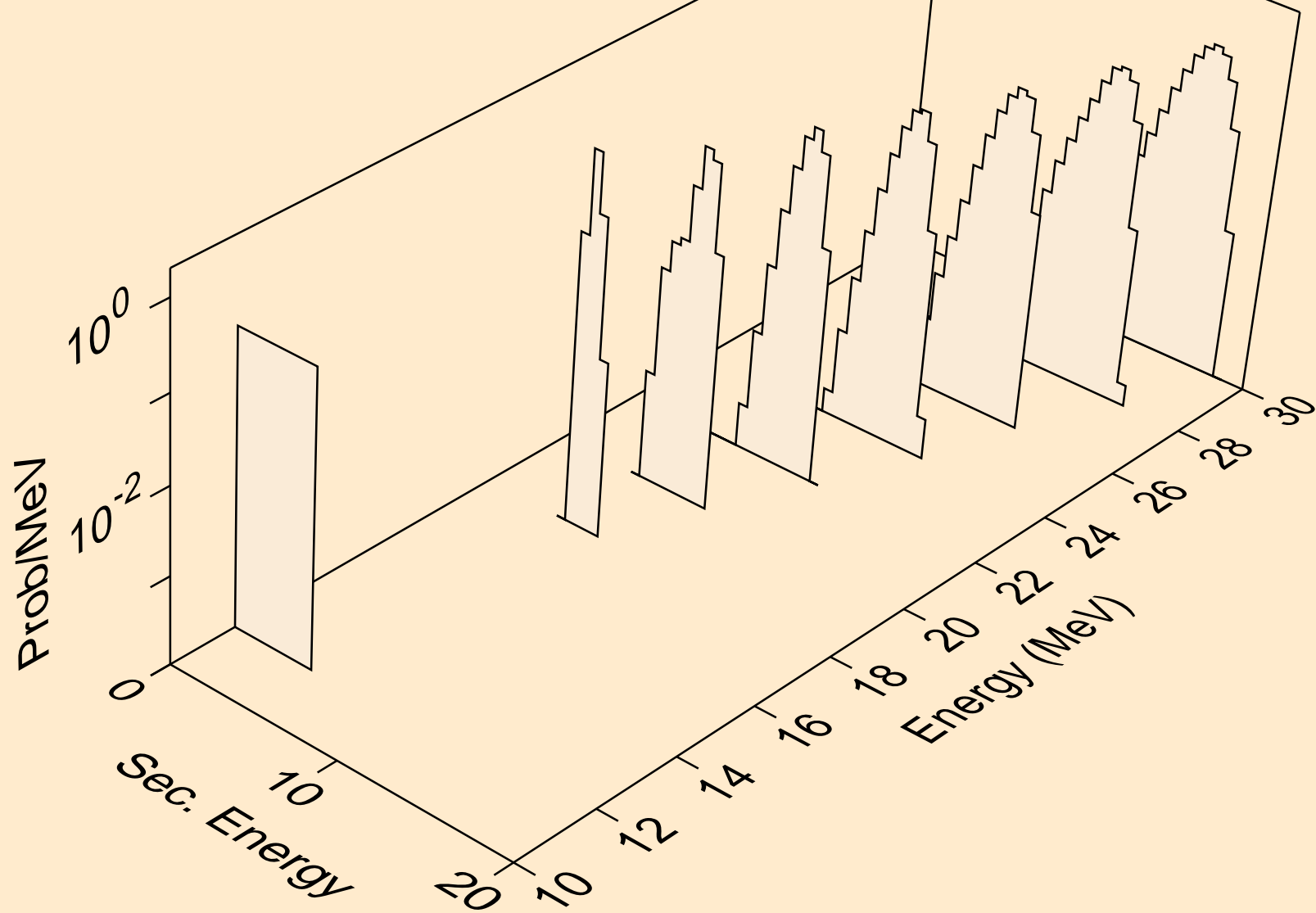
ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



ER176 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

