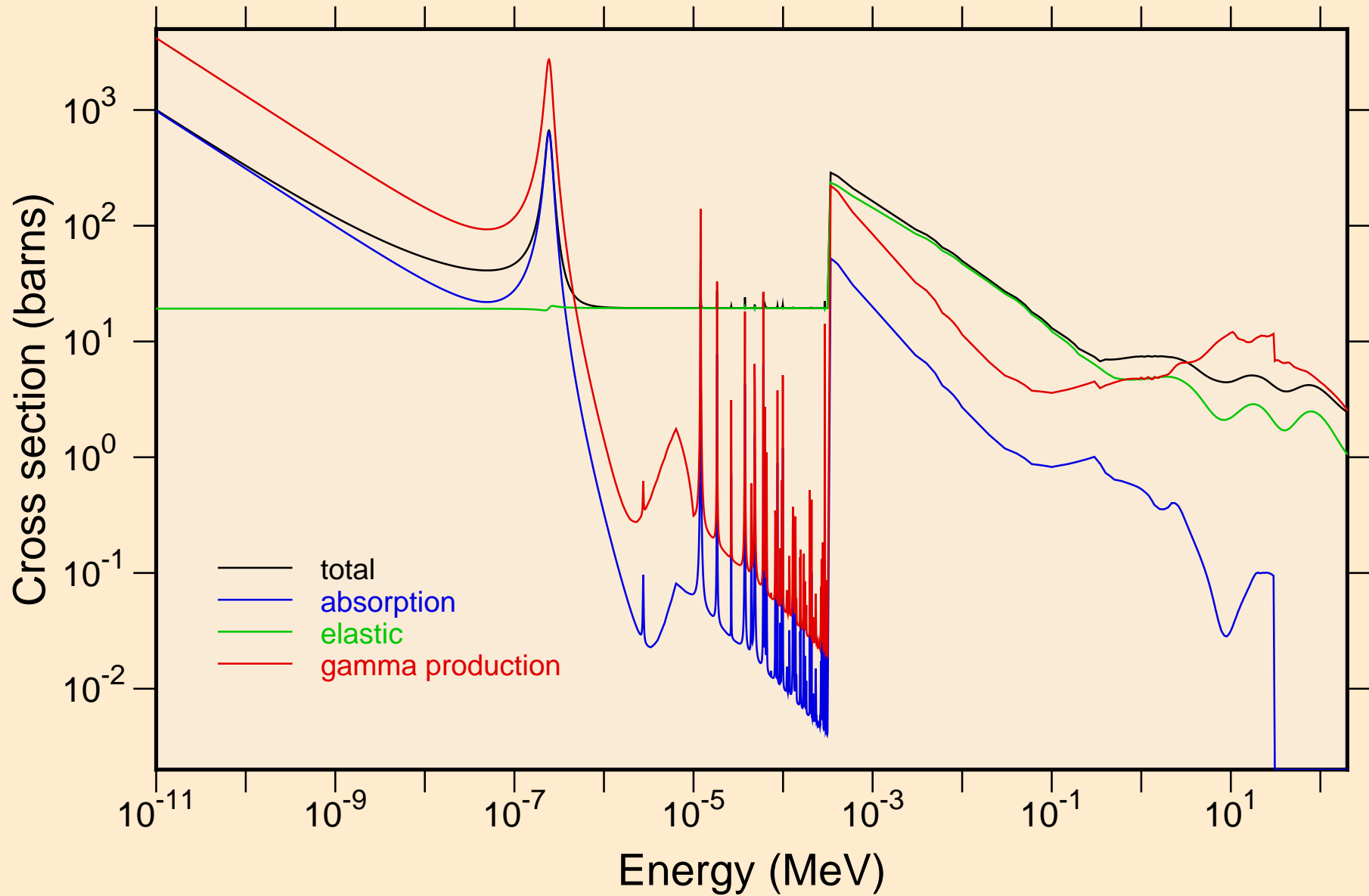
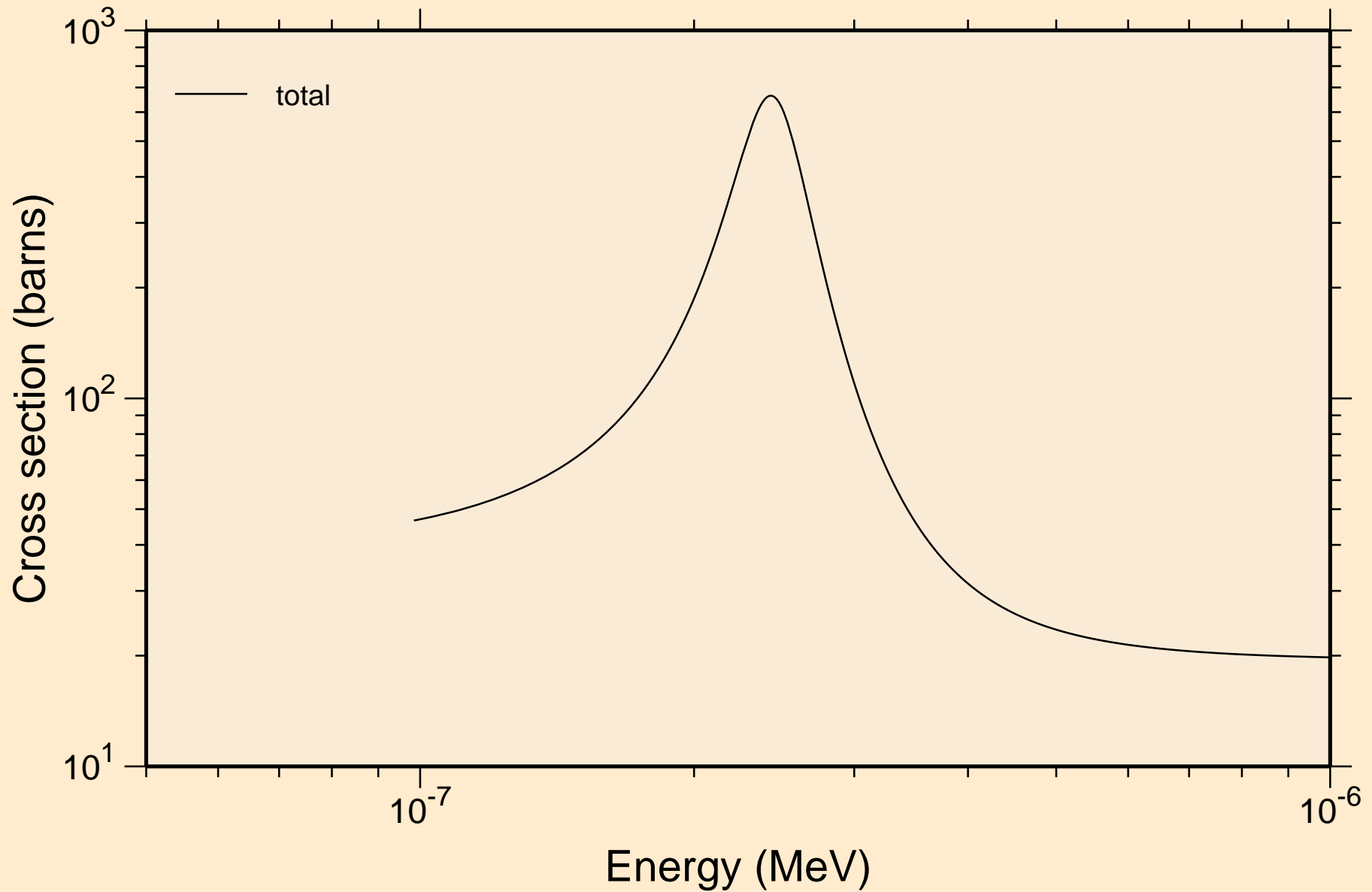


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

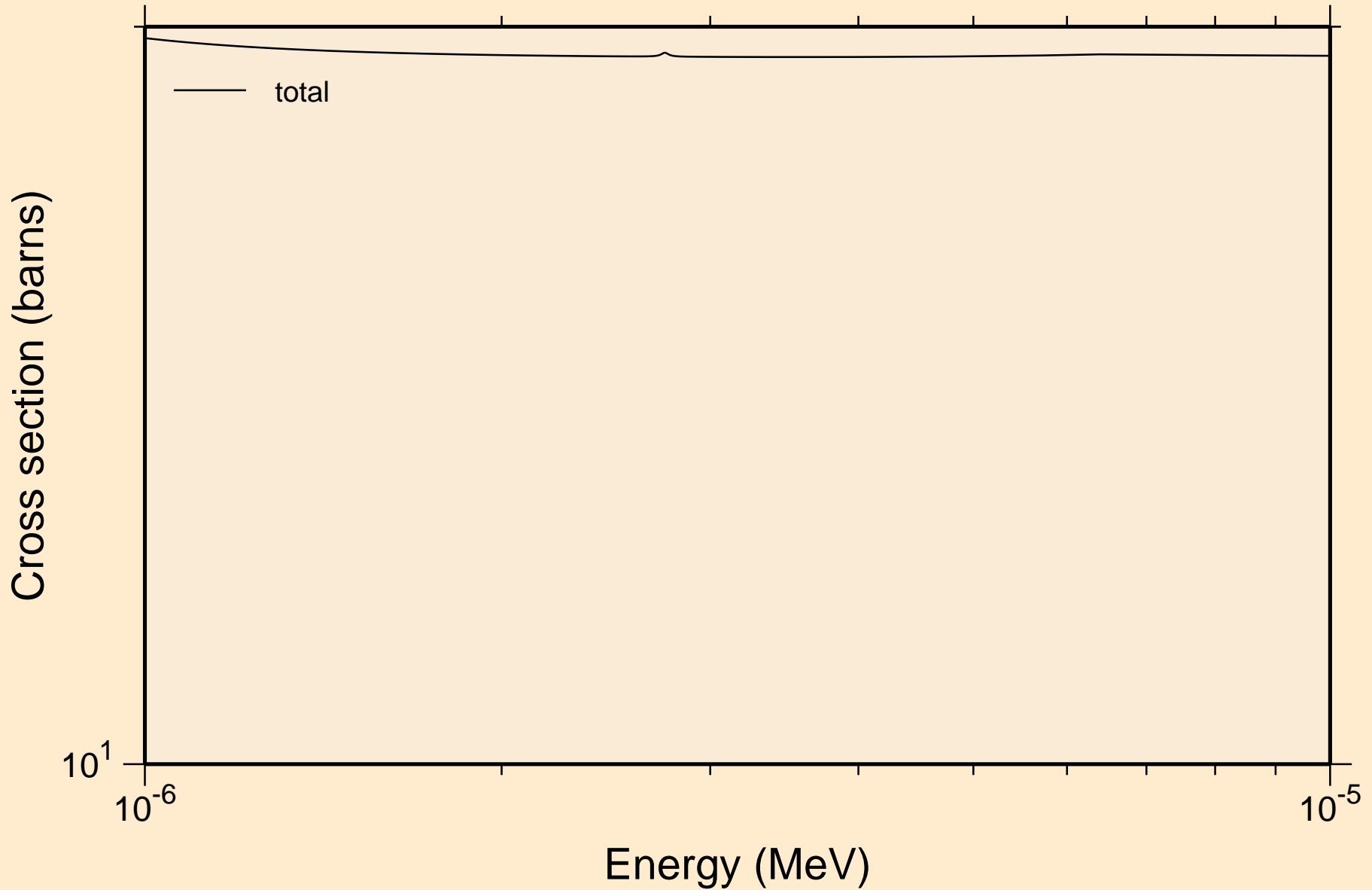
## Principal cross sections



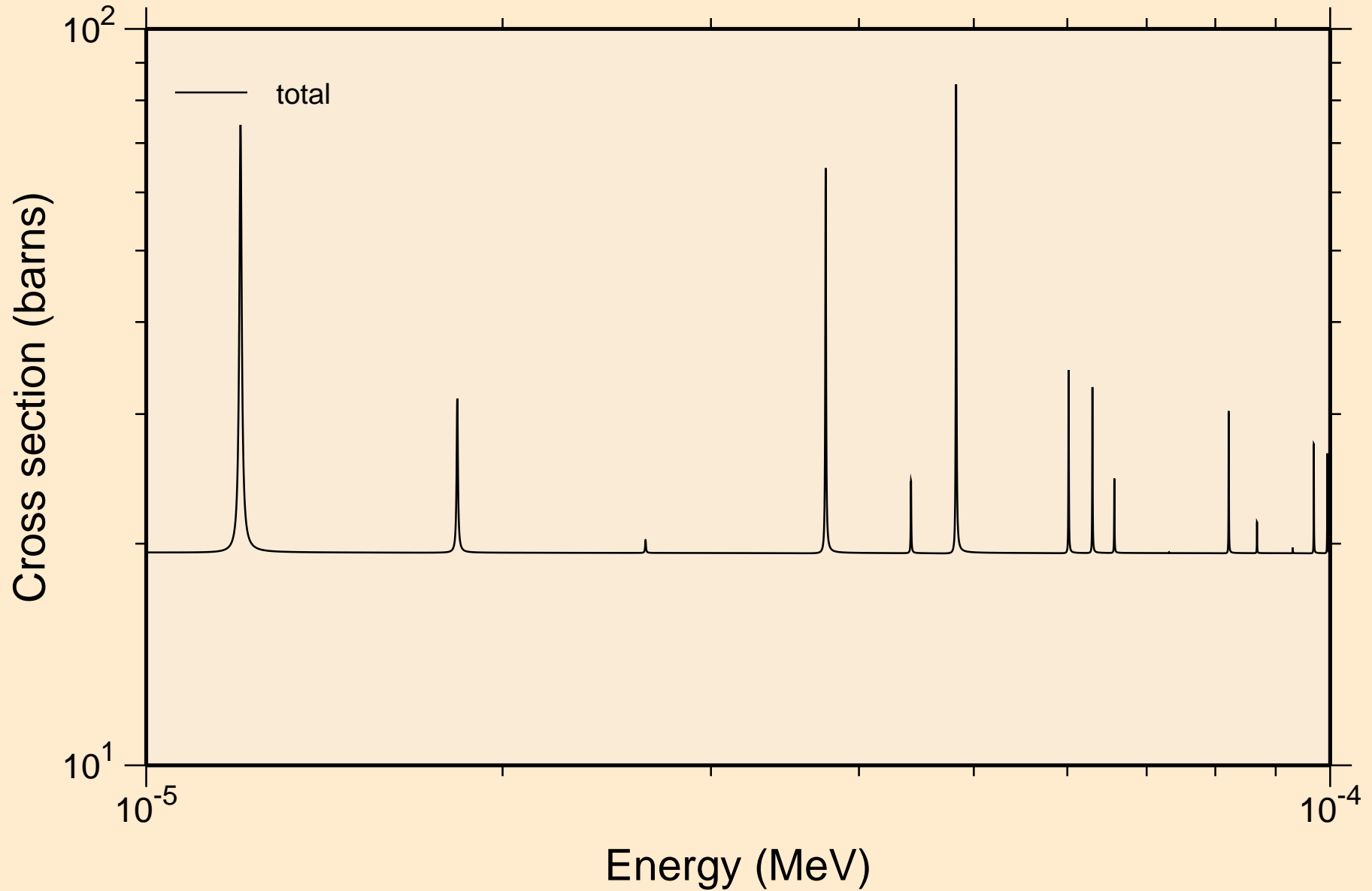
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



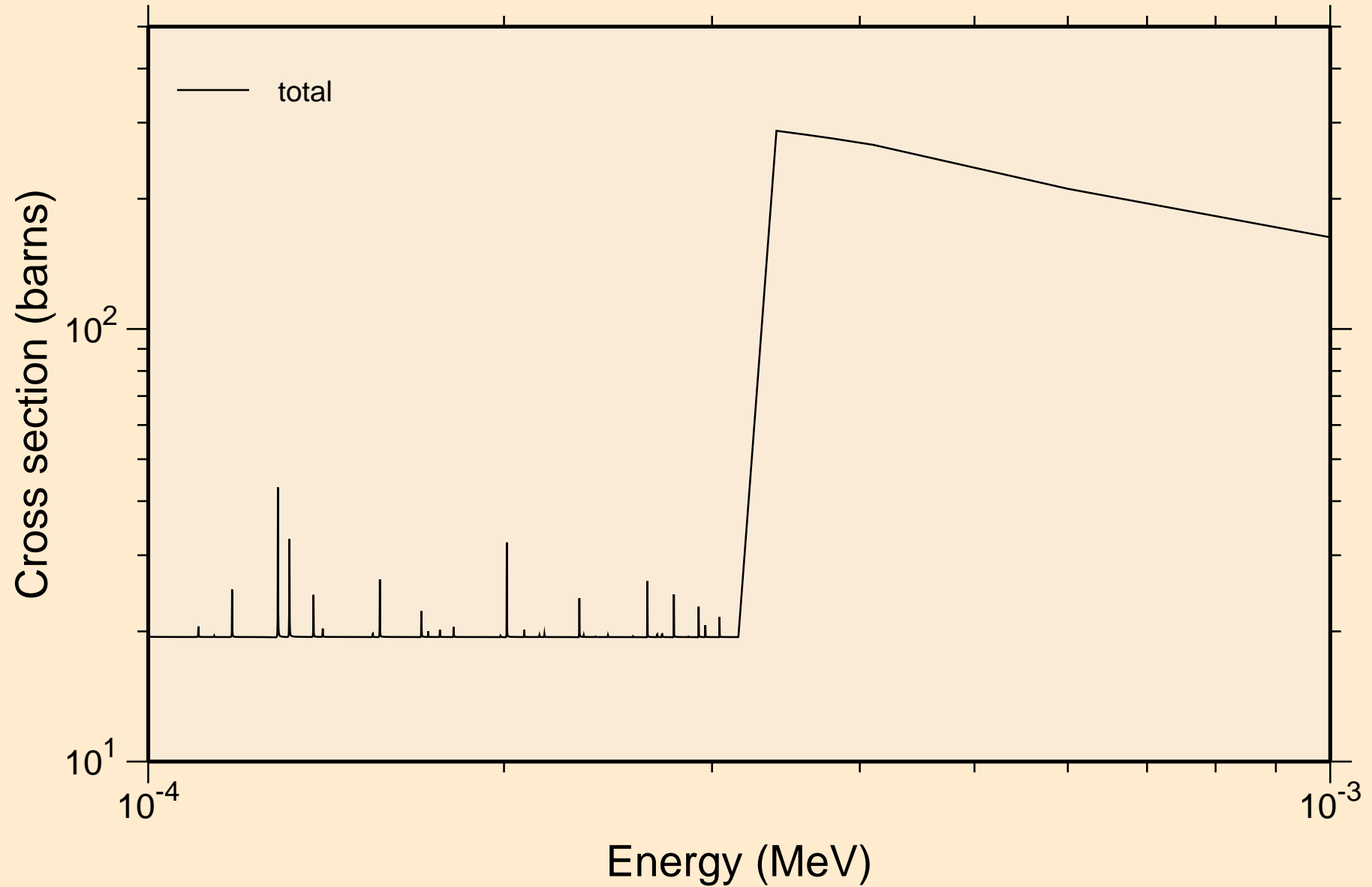
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



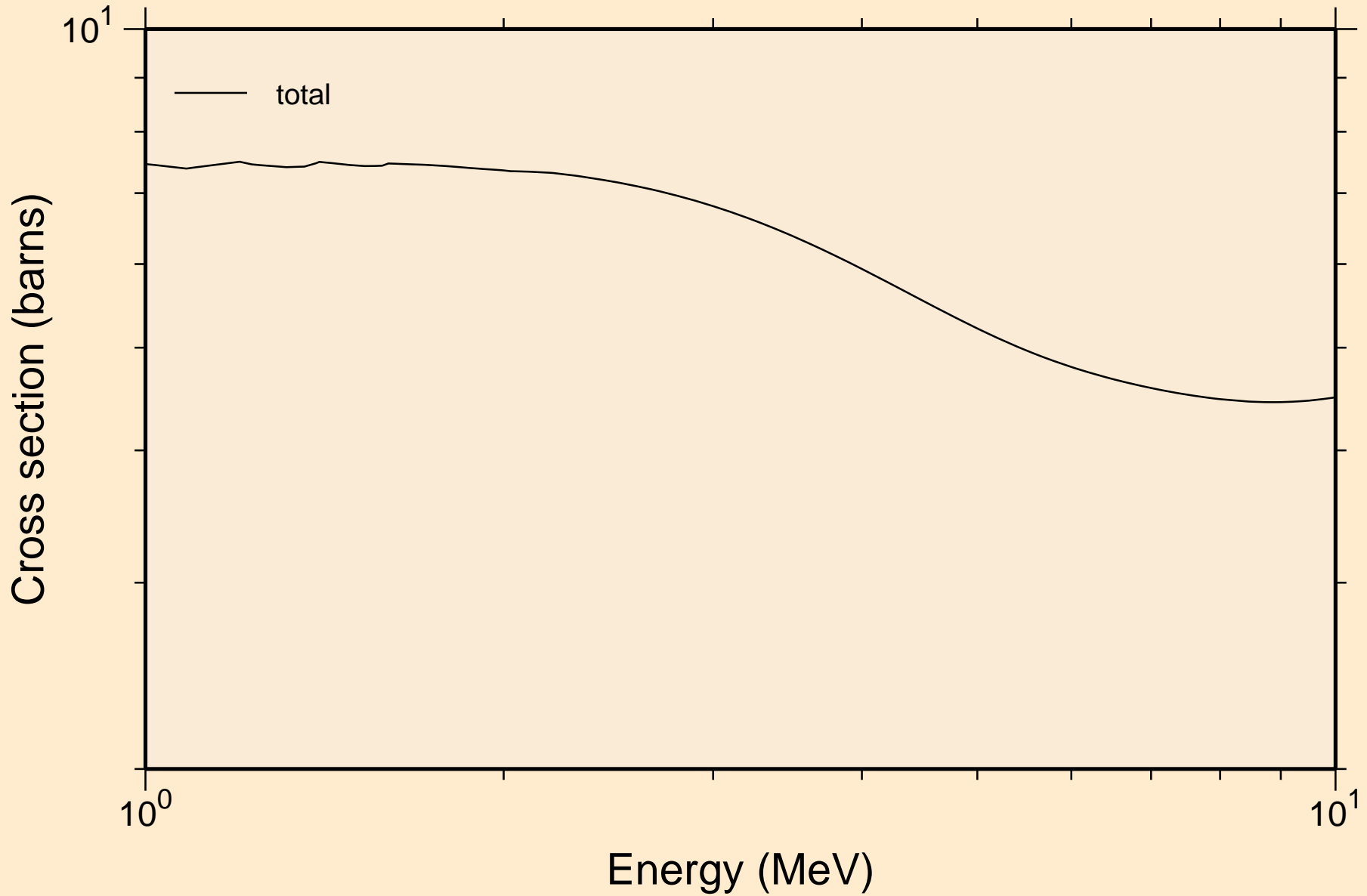
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



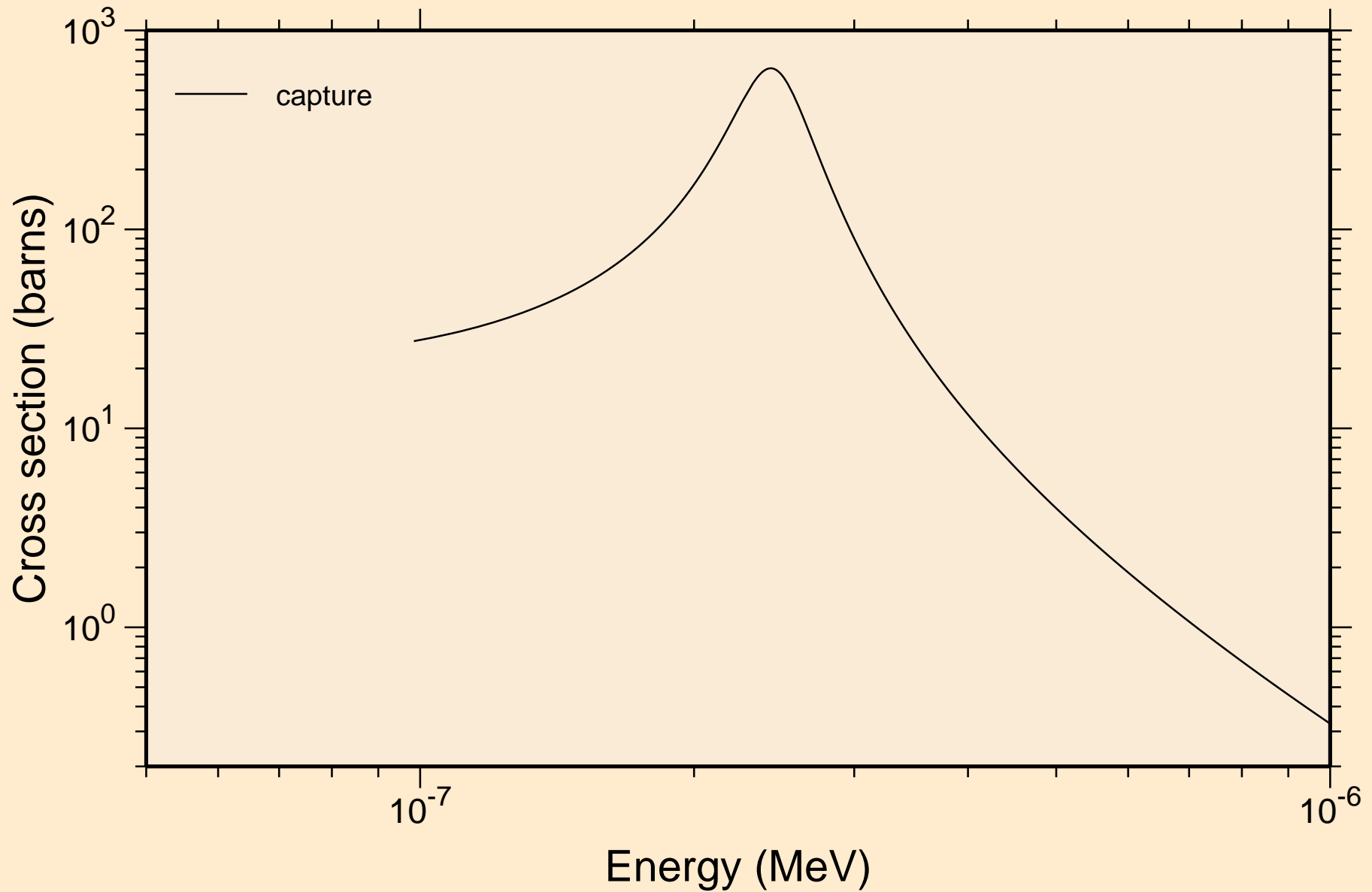
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



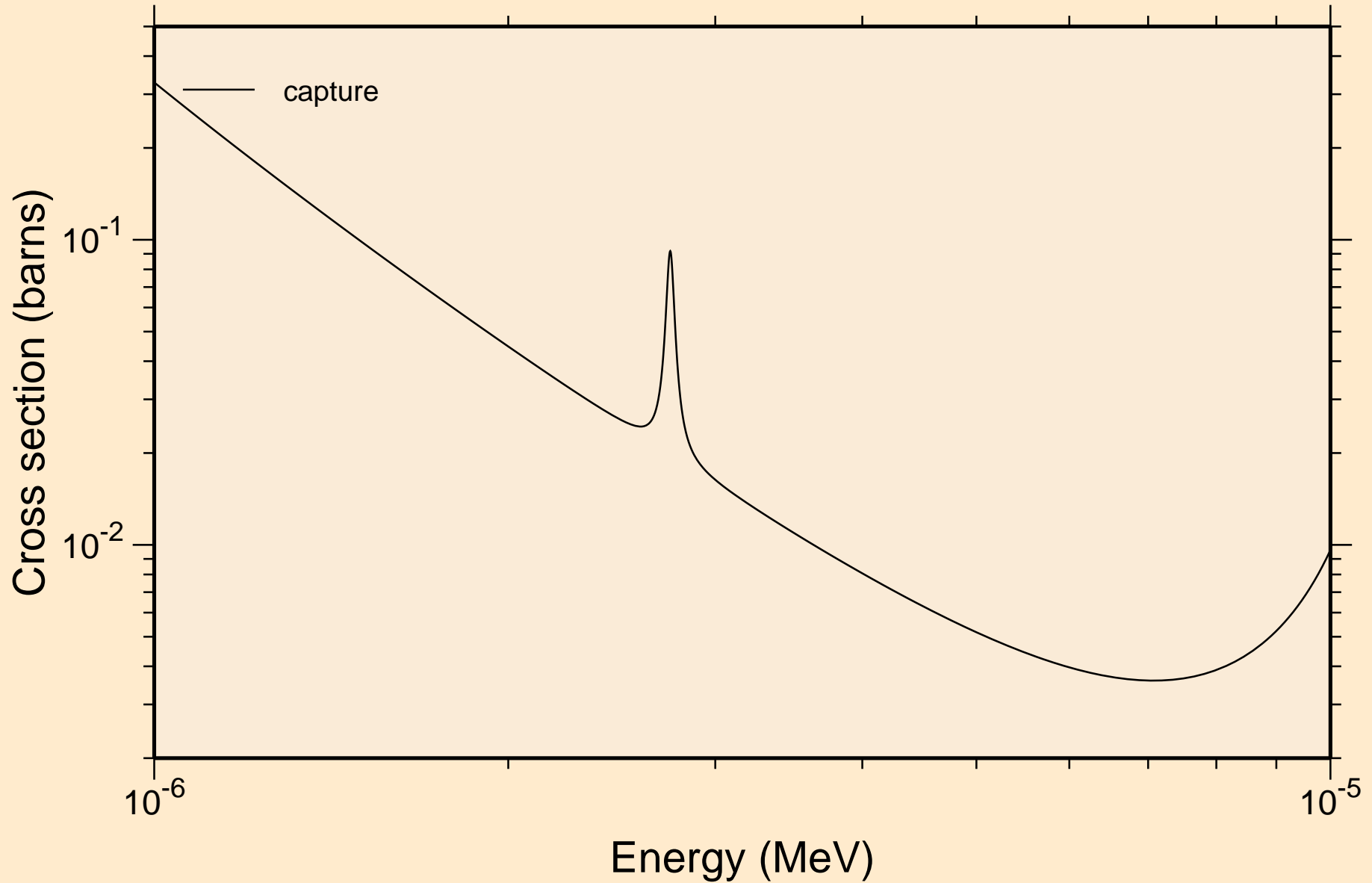
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

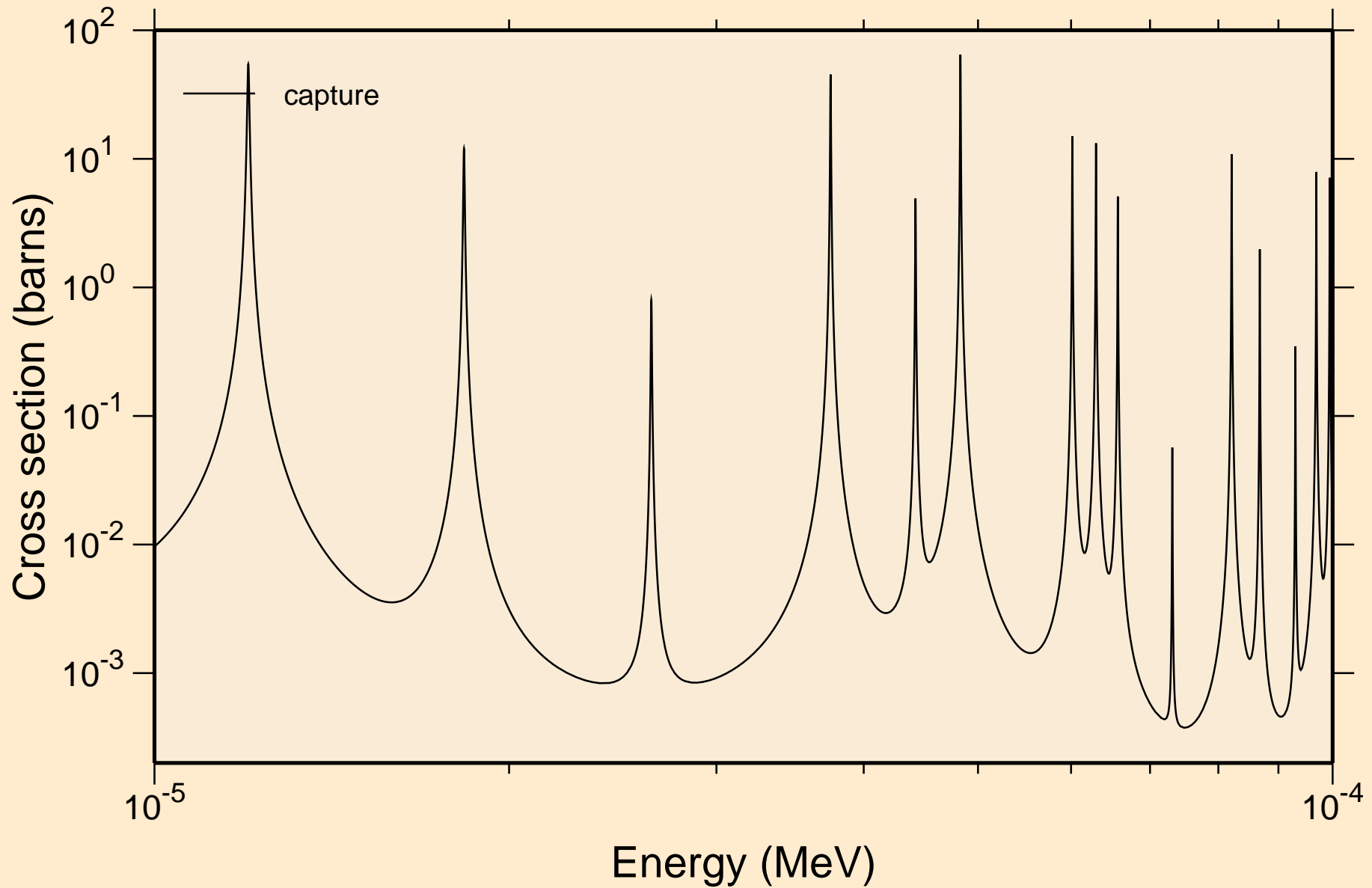


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

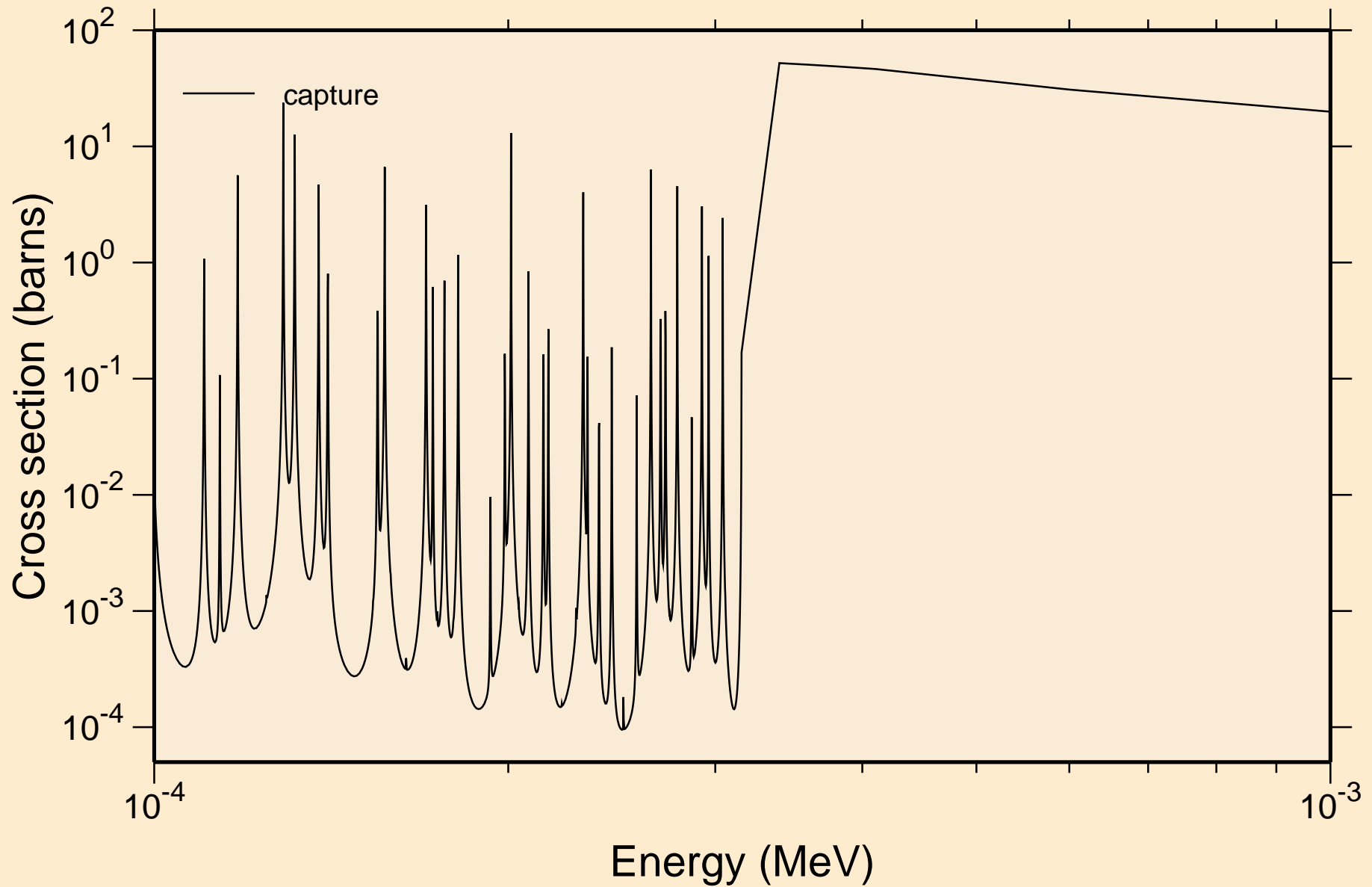




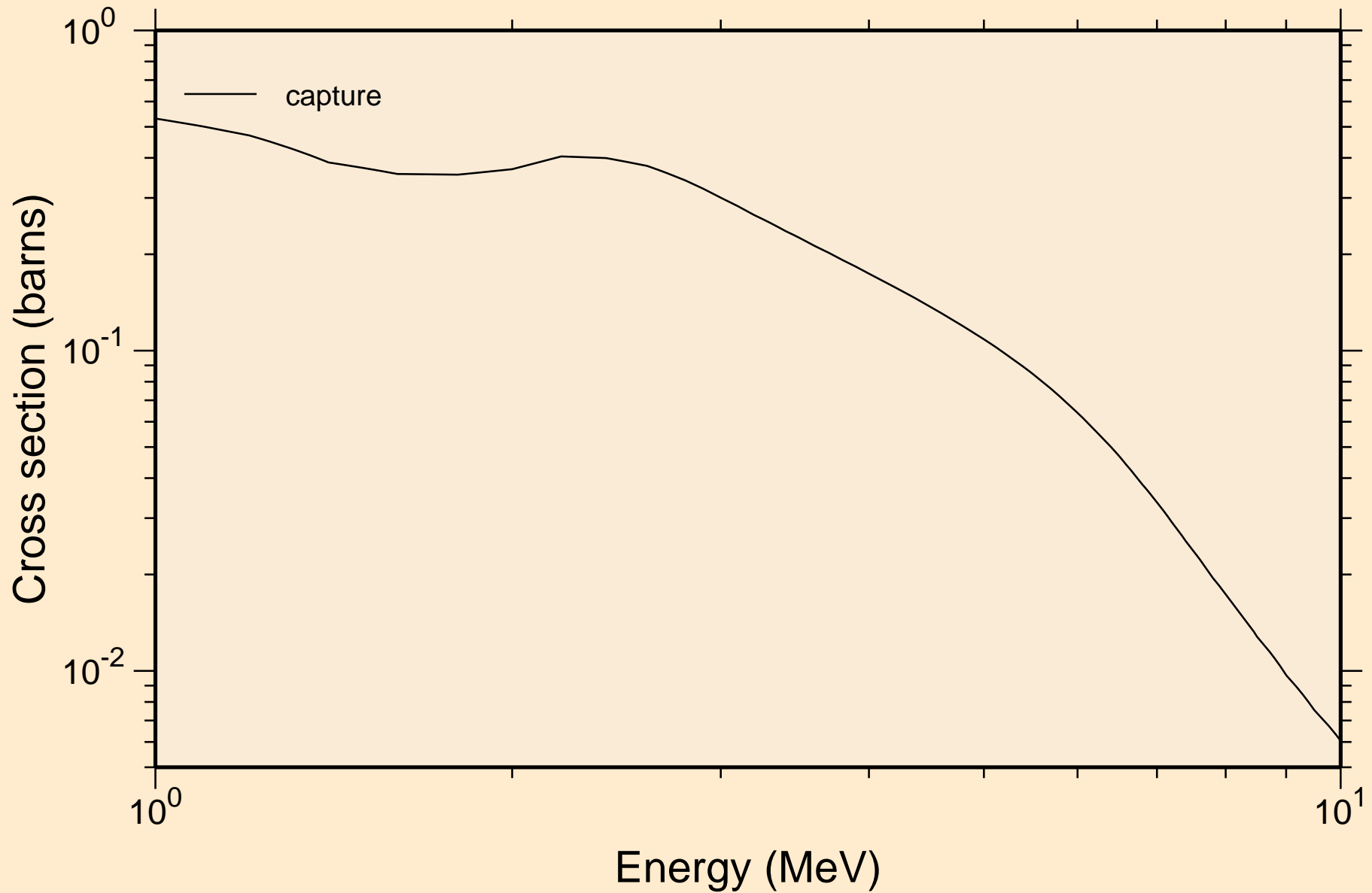
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

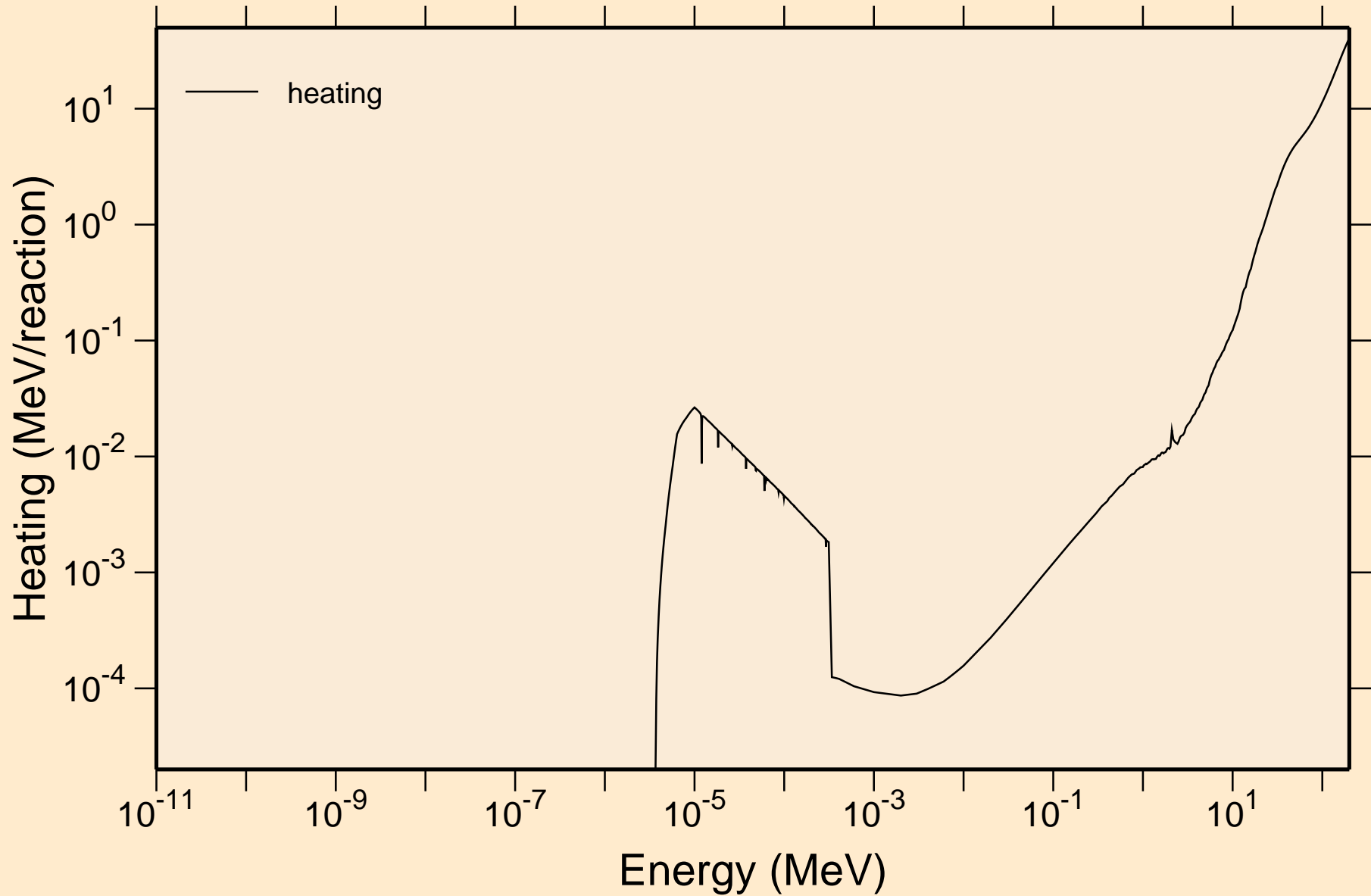


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



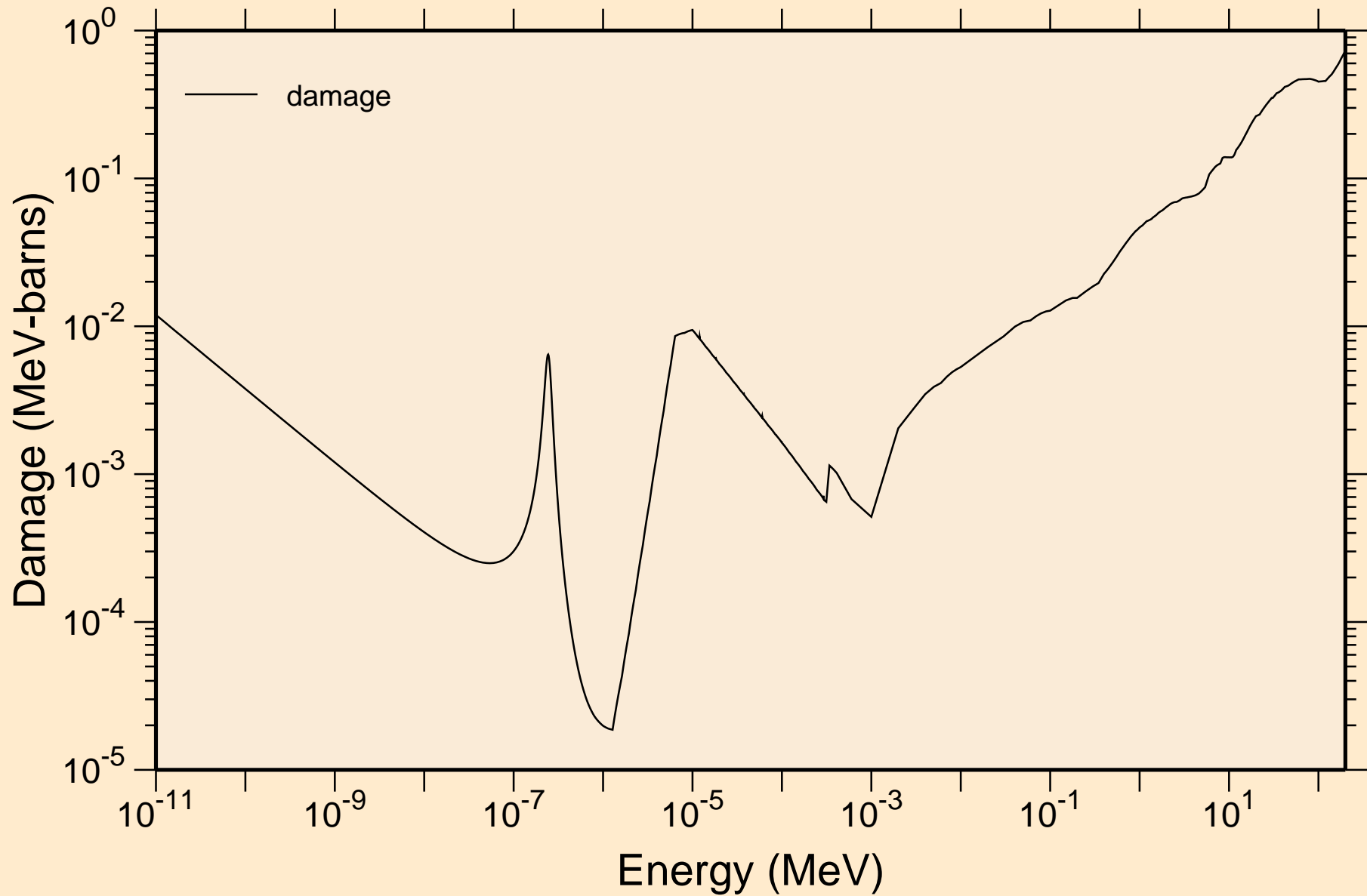
# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



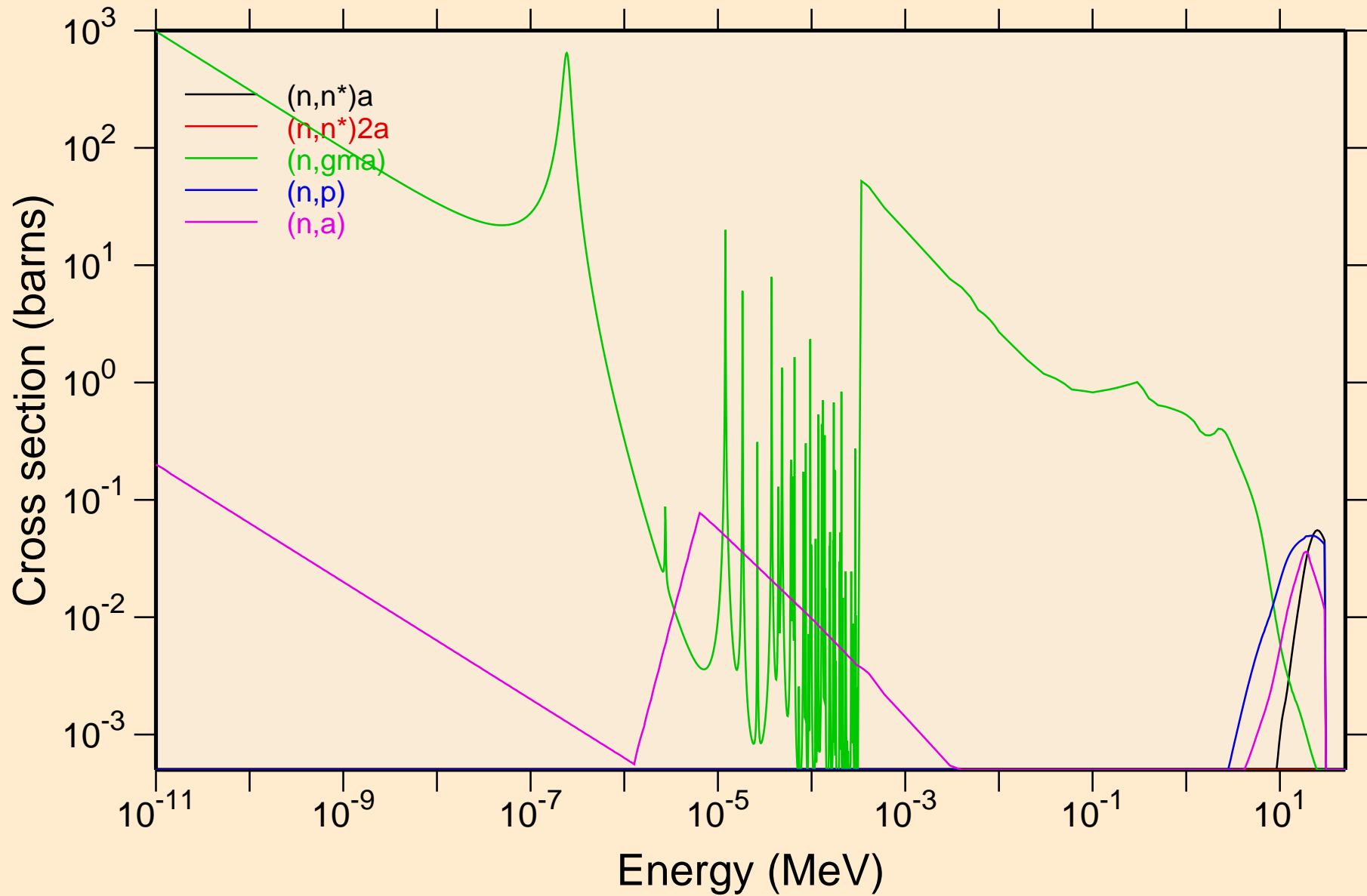
# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

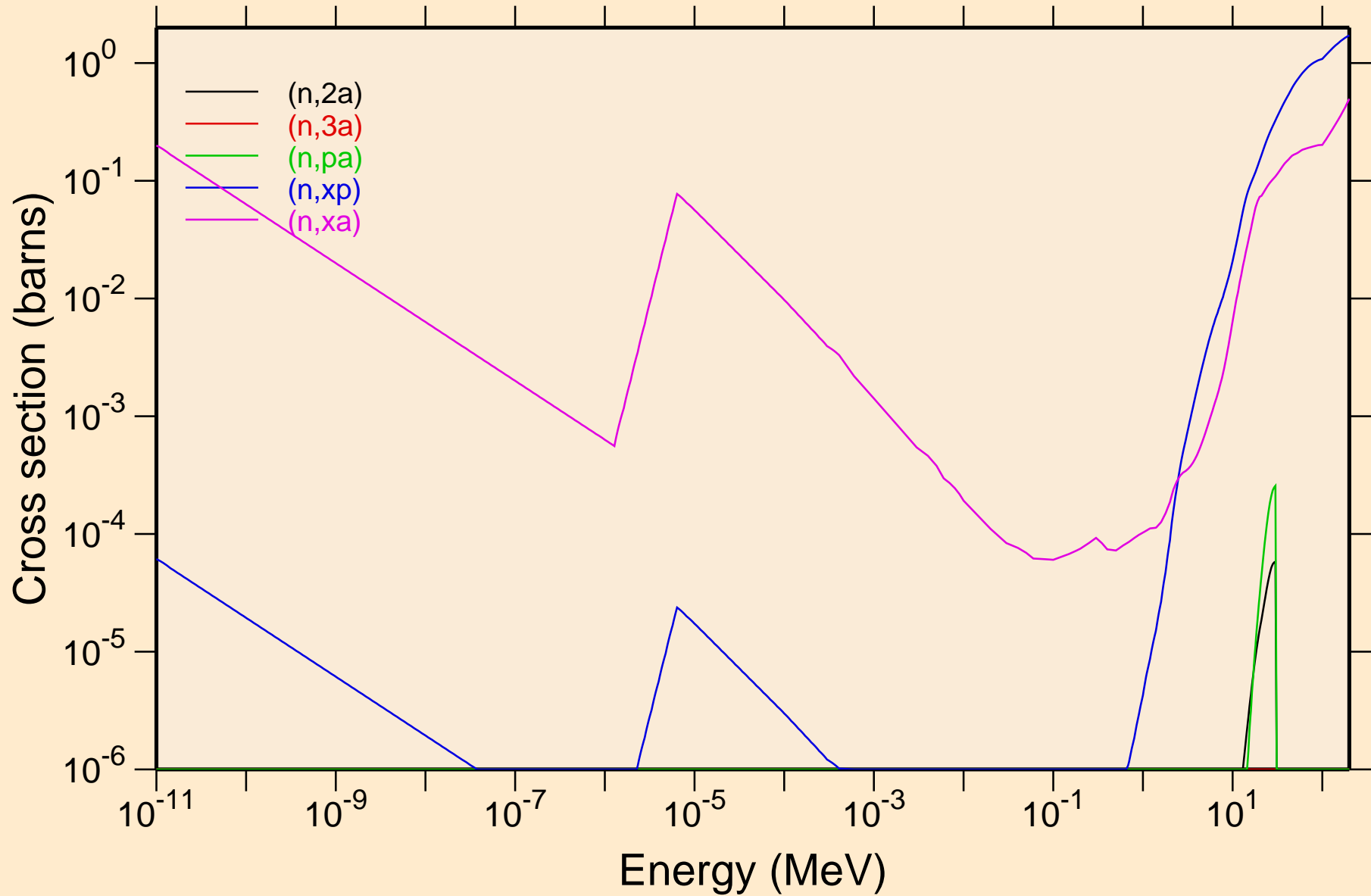


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

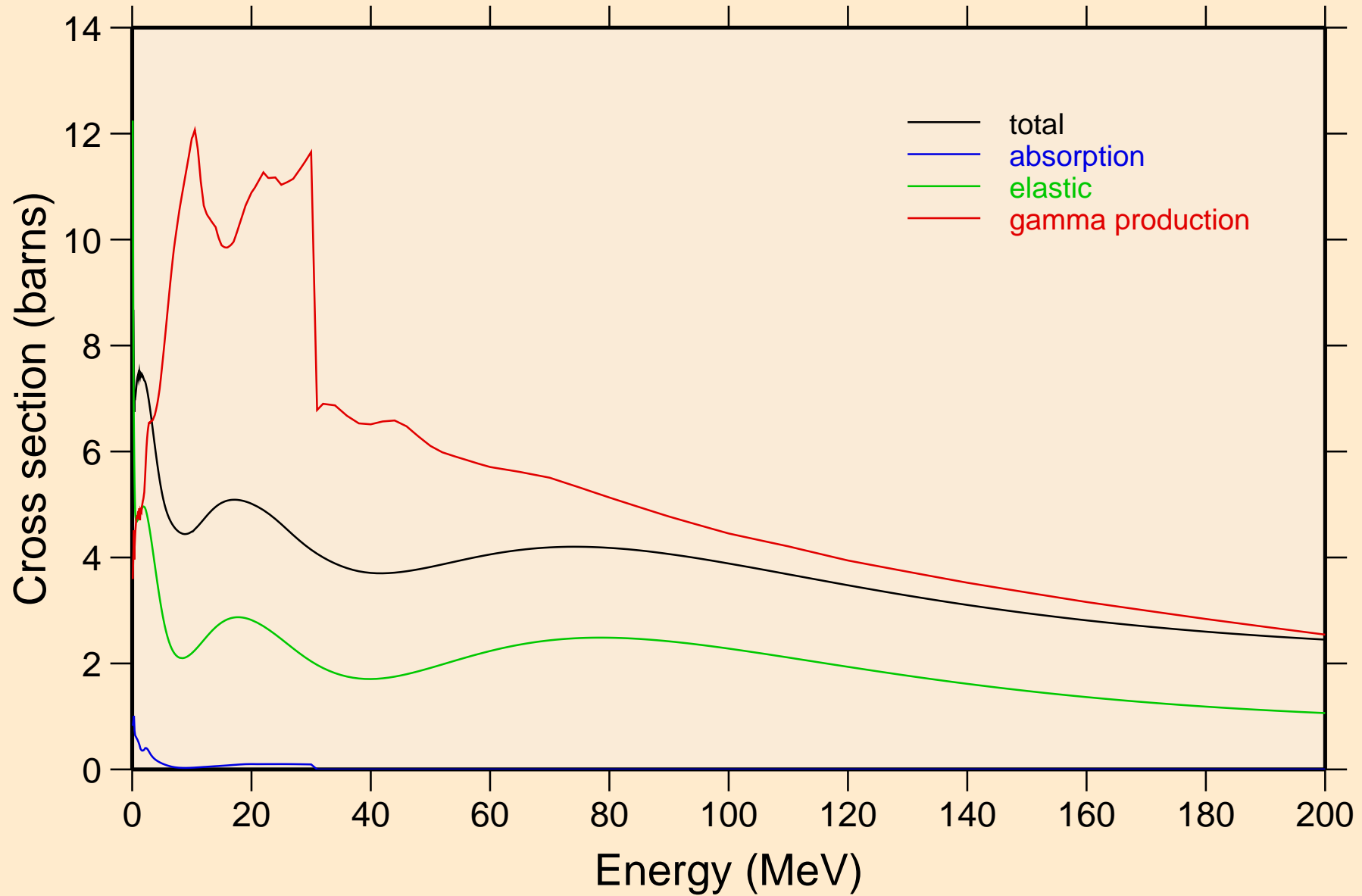


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

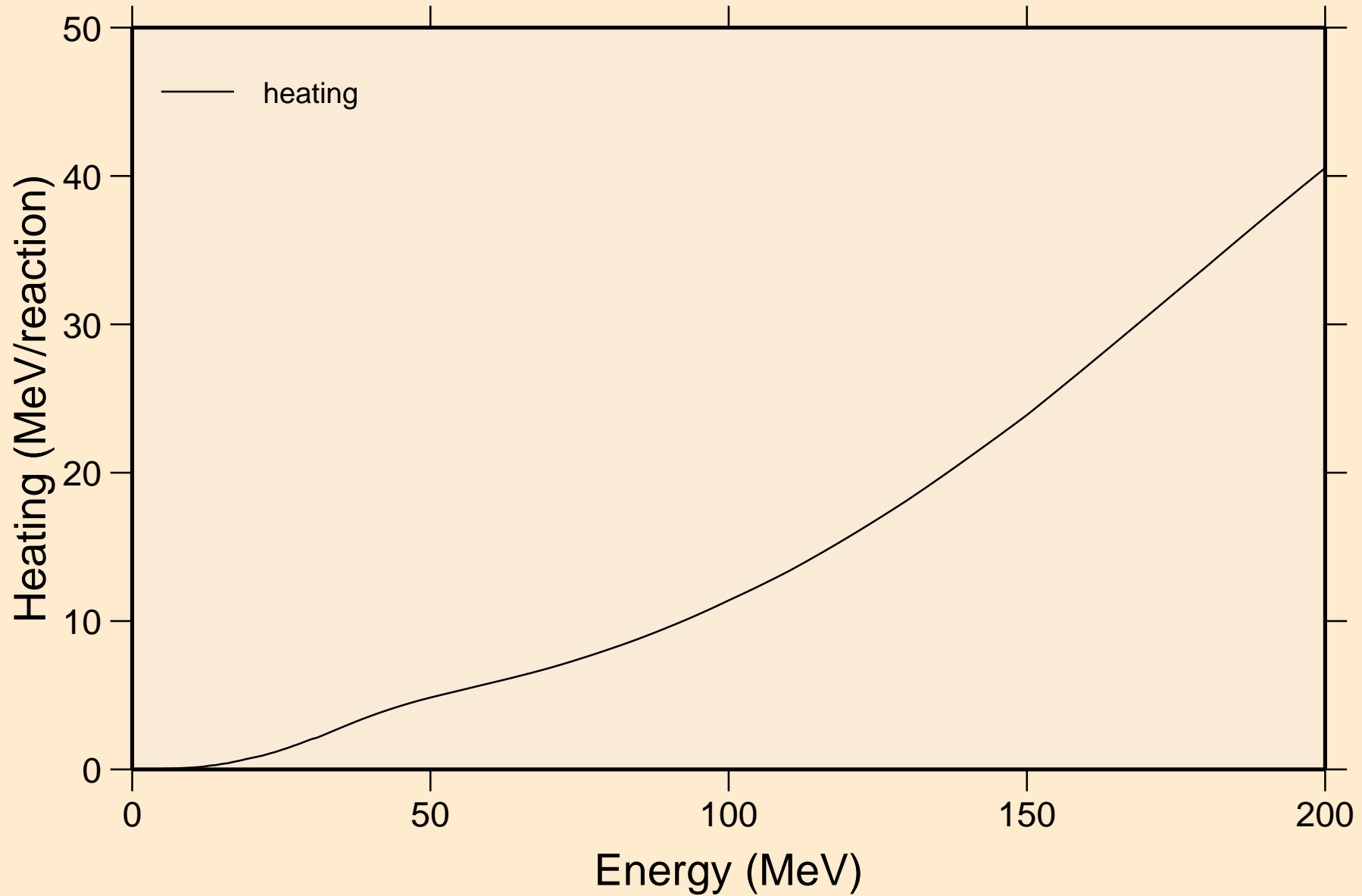
## Principal cross sections





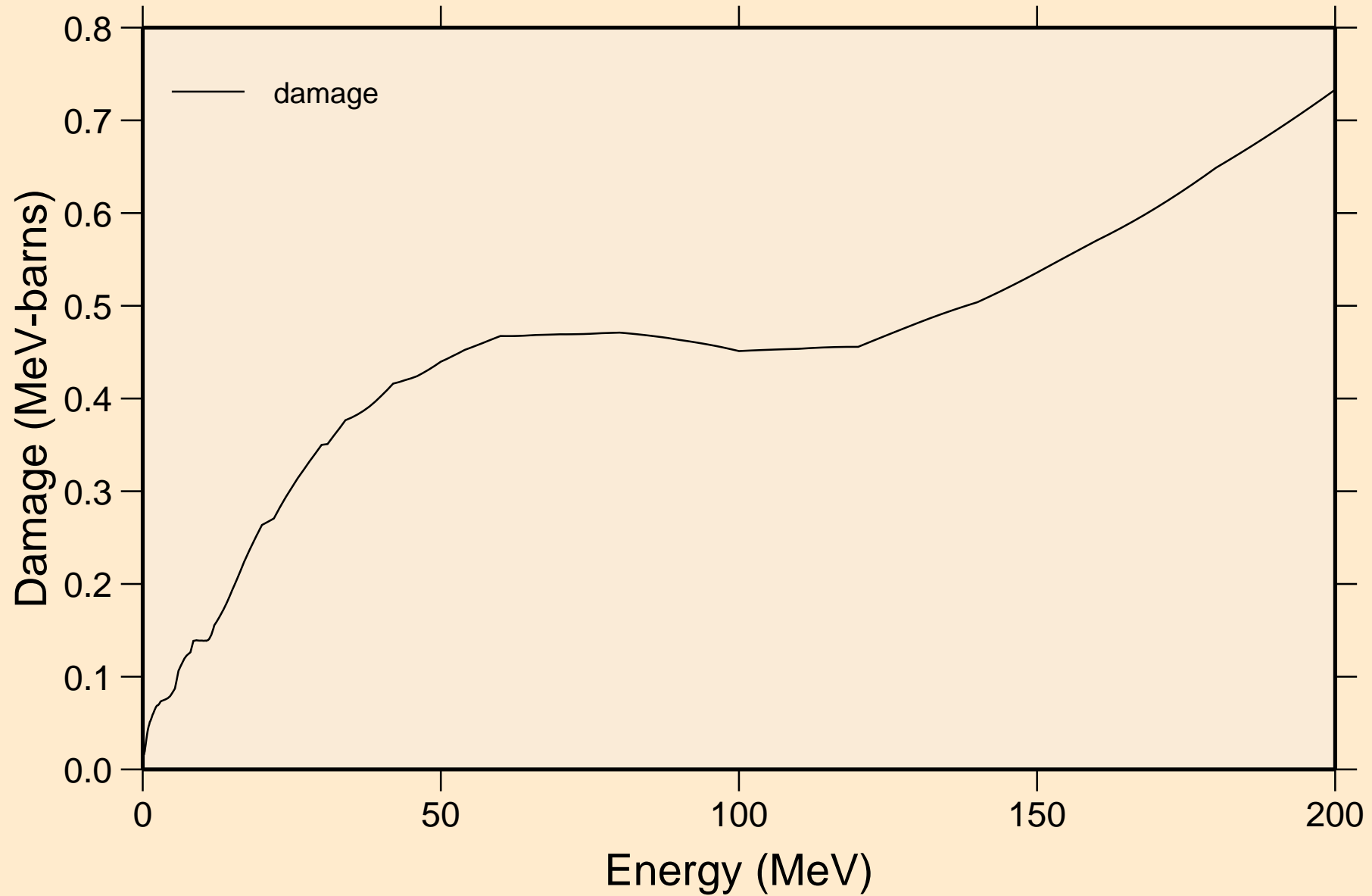
# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



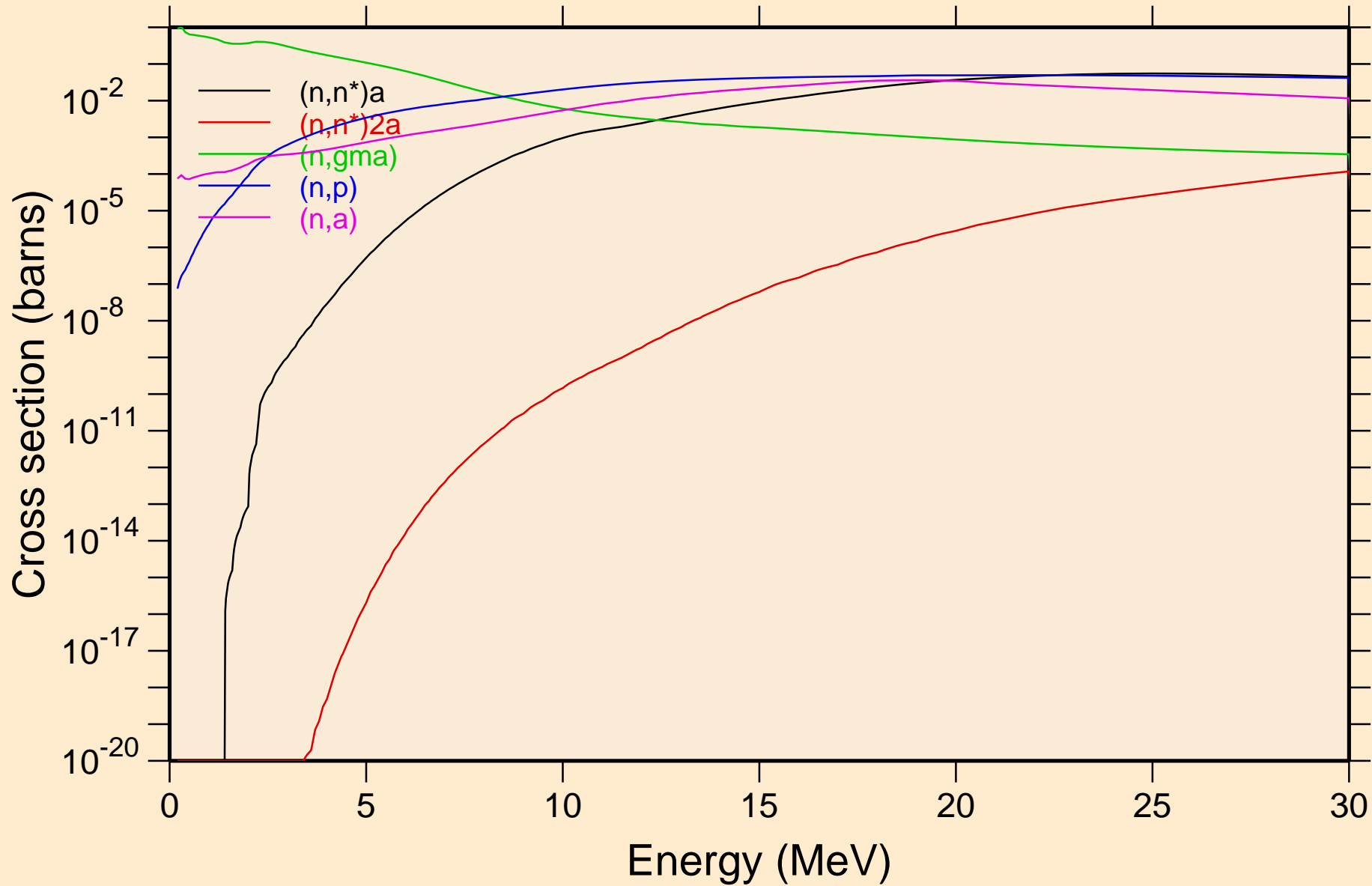
# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

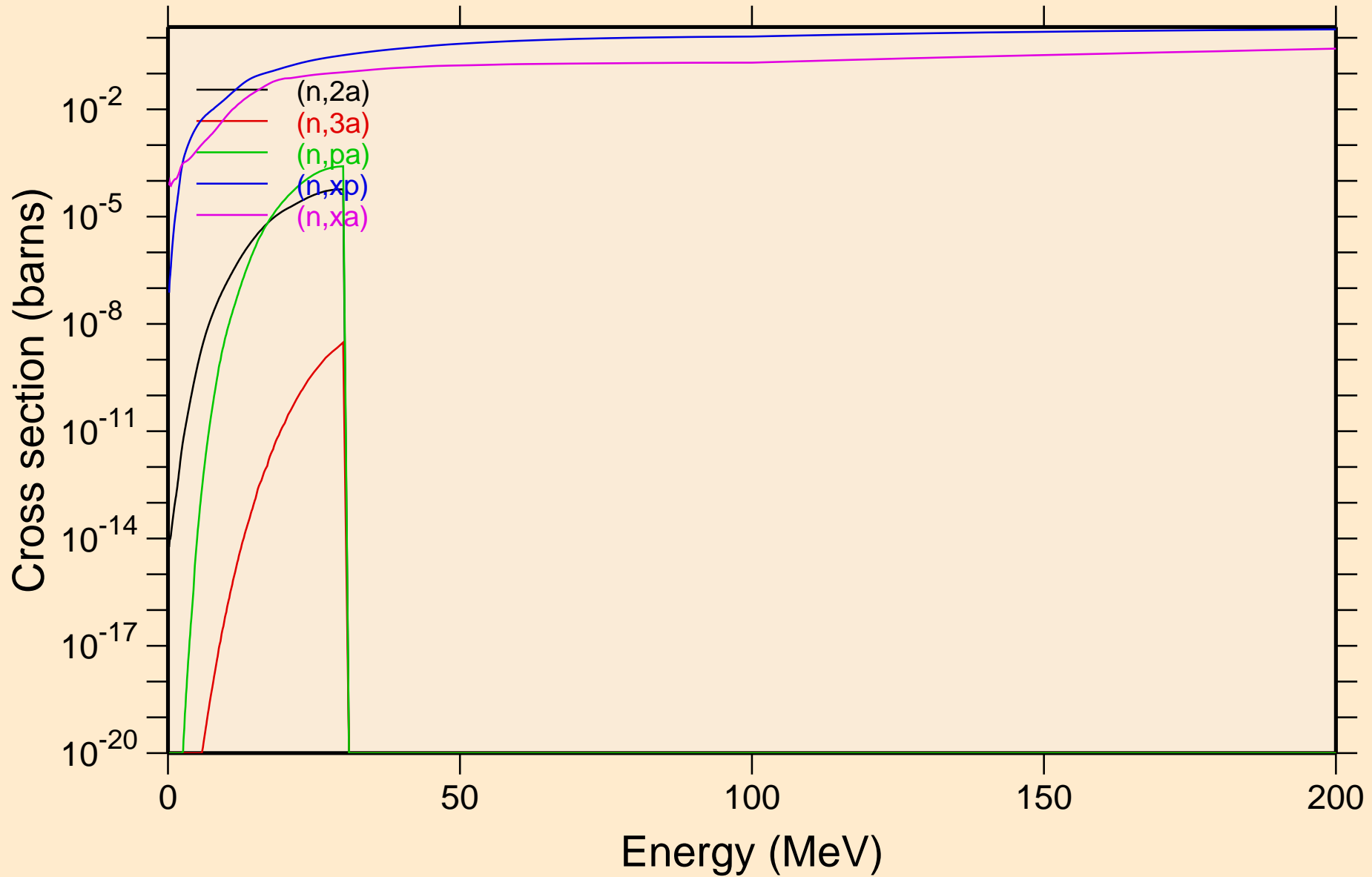


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

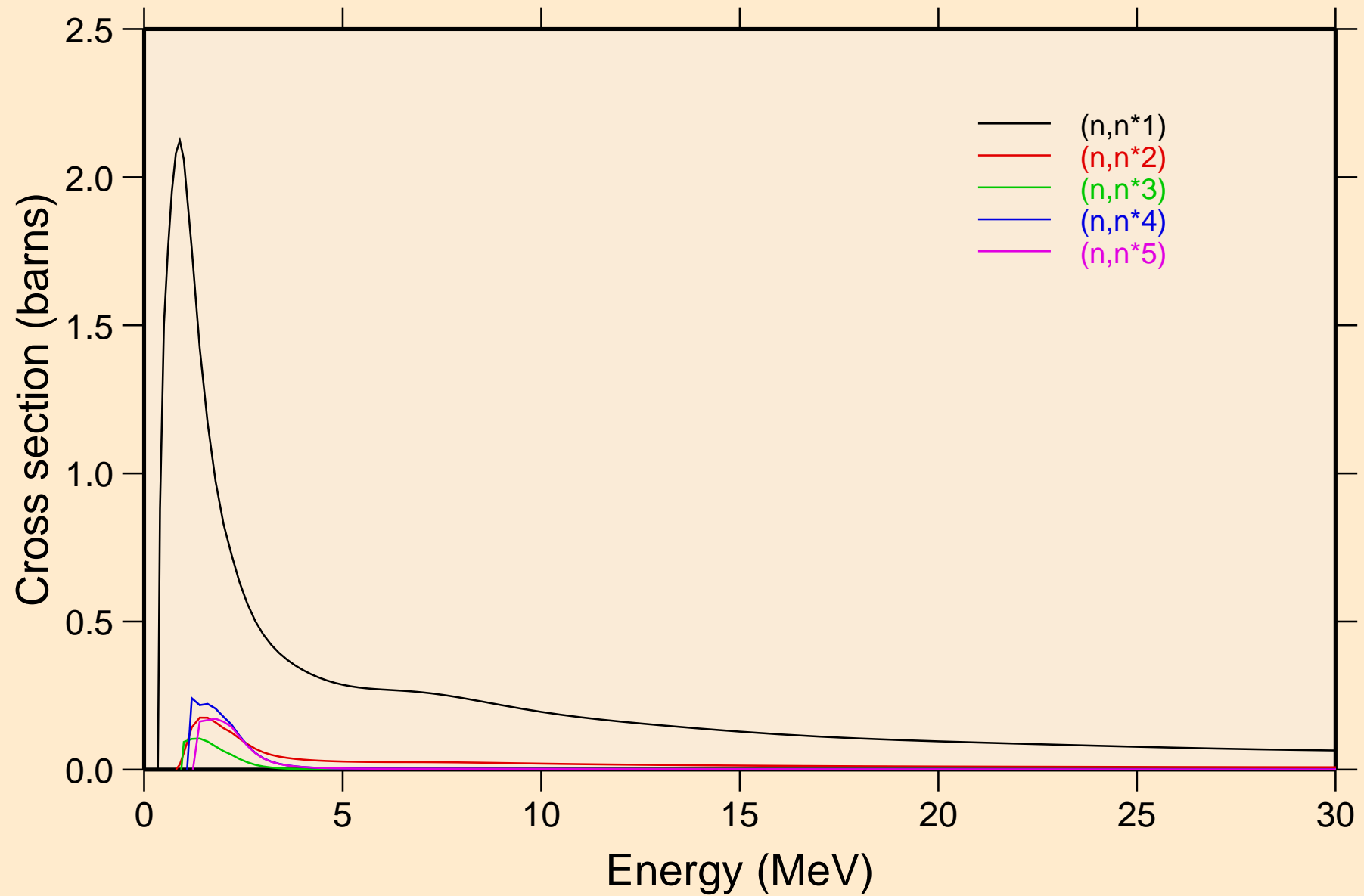
## Non-threshold reactions



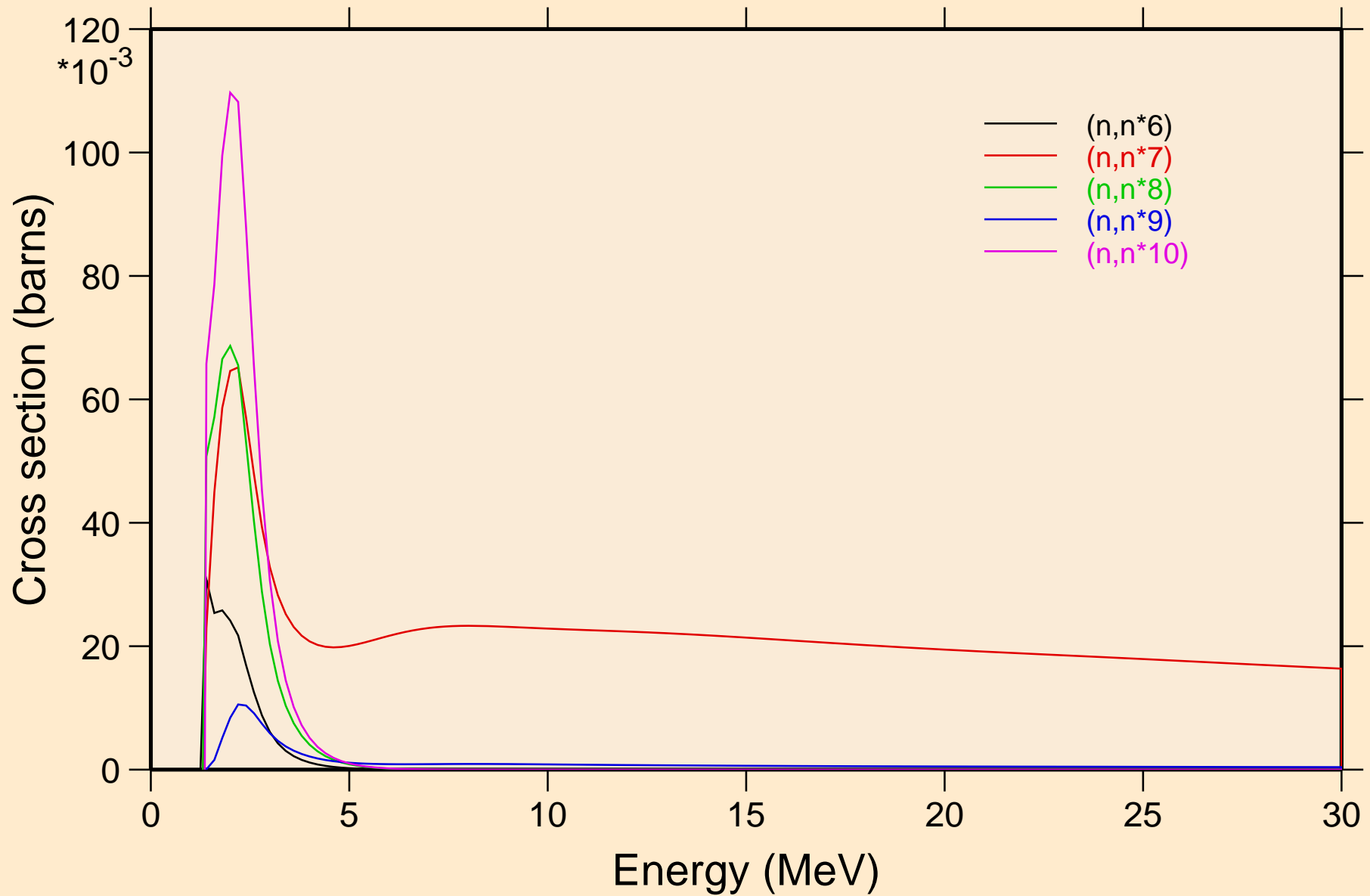
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



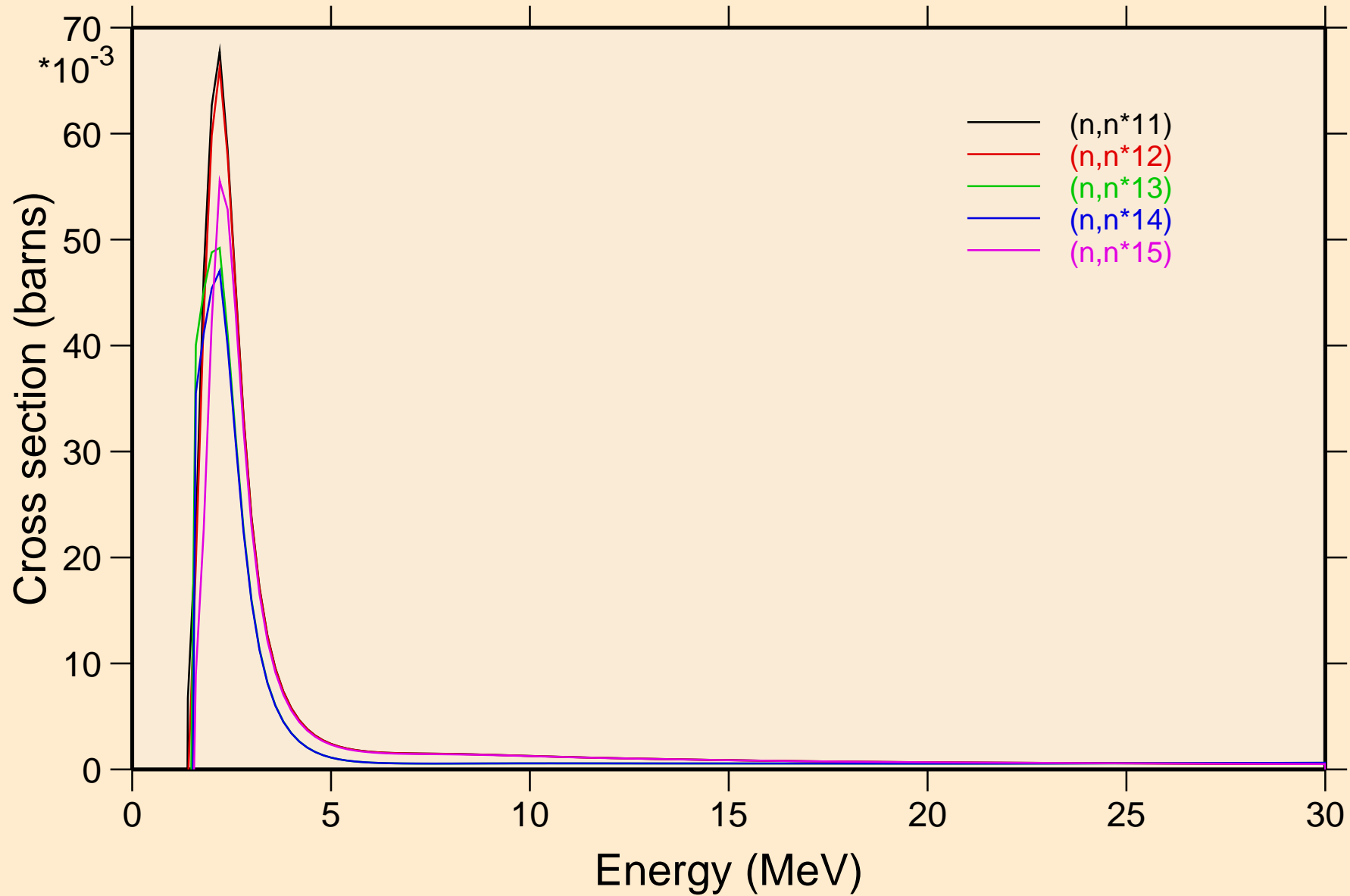
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



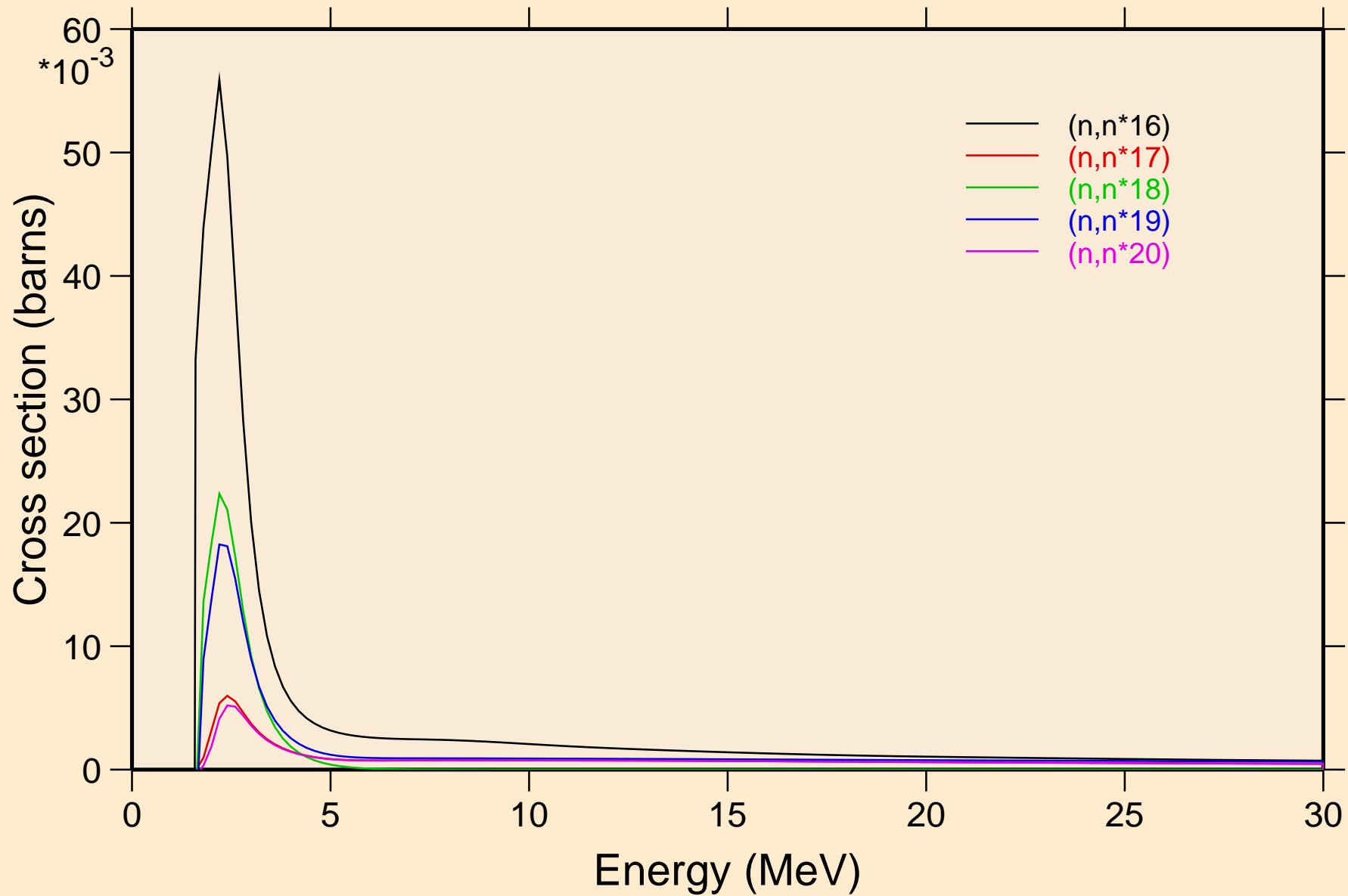
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

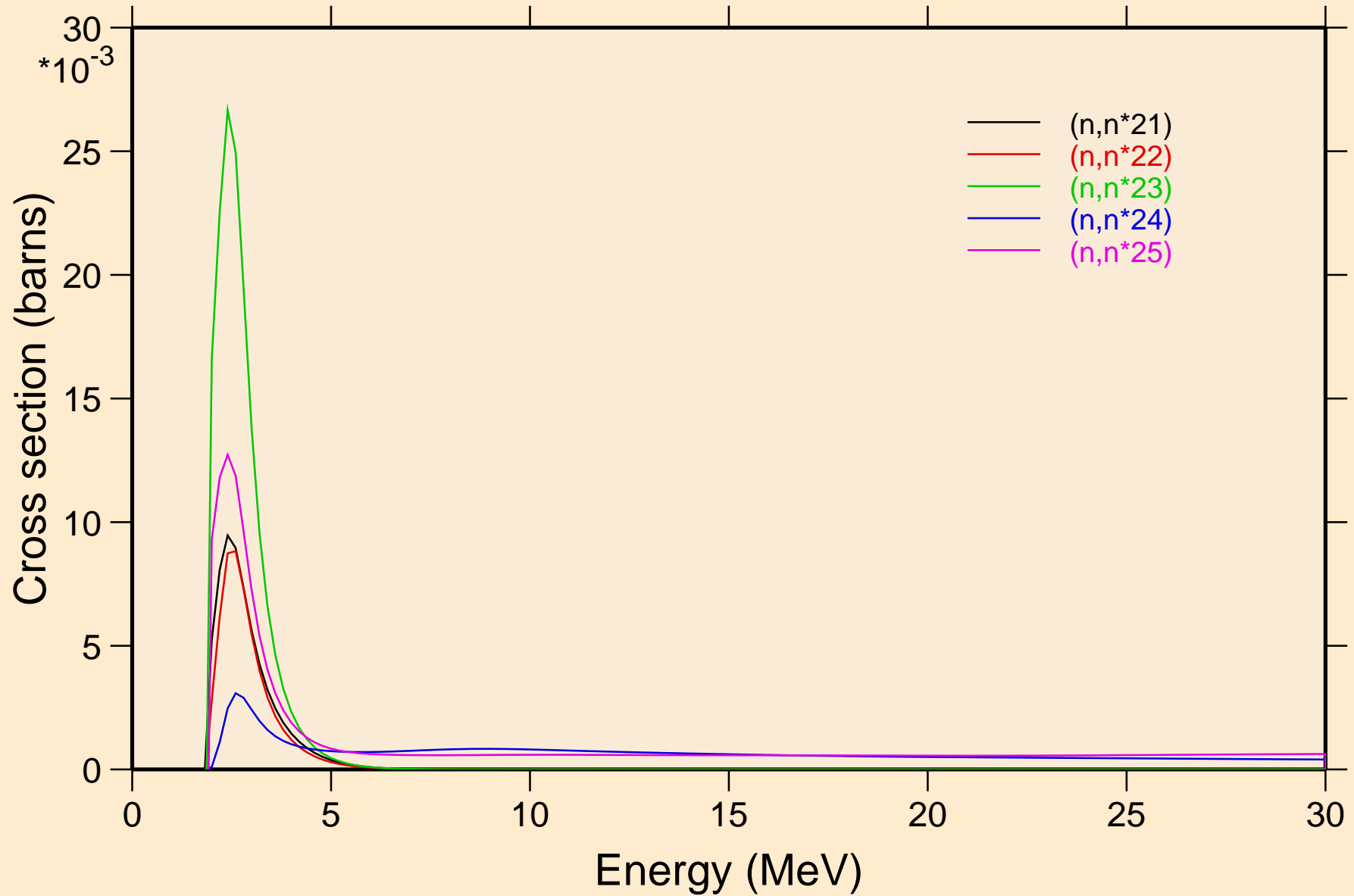


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

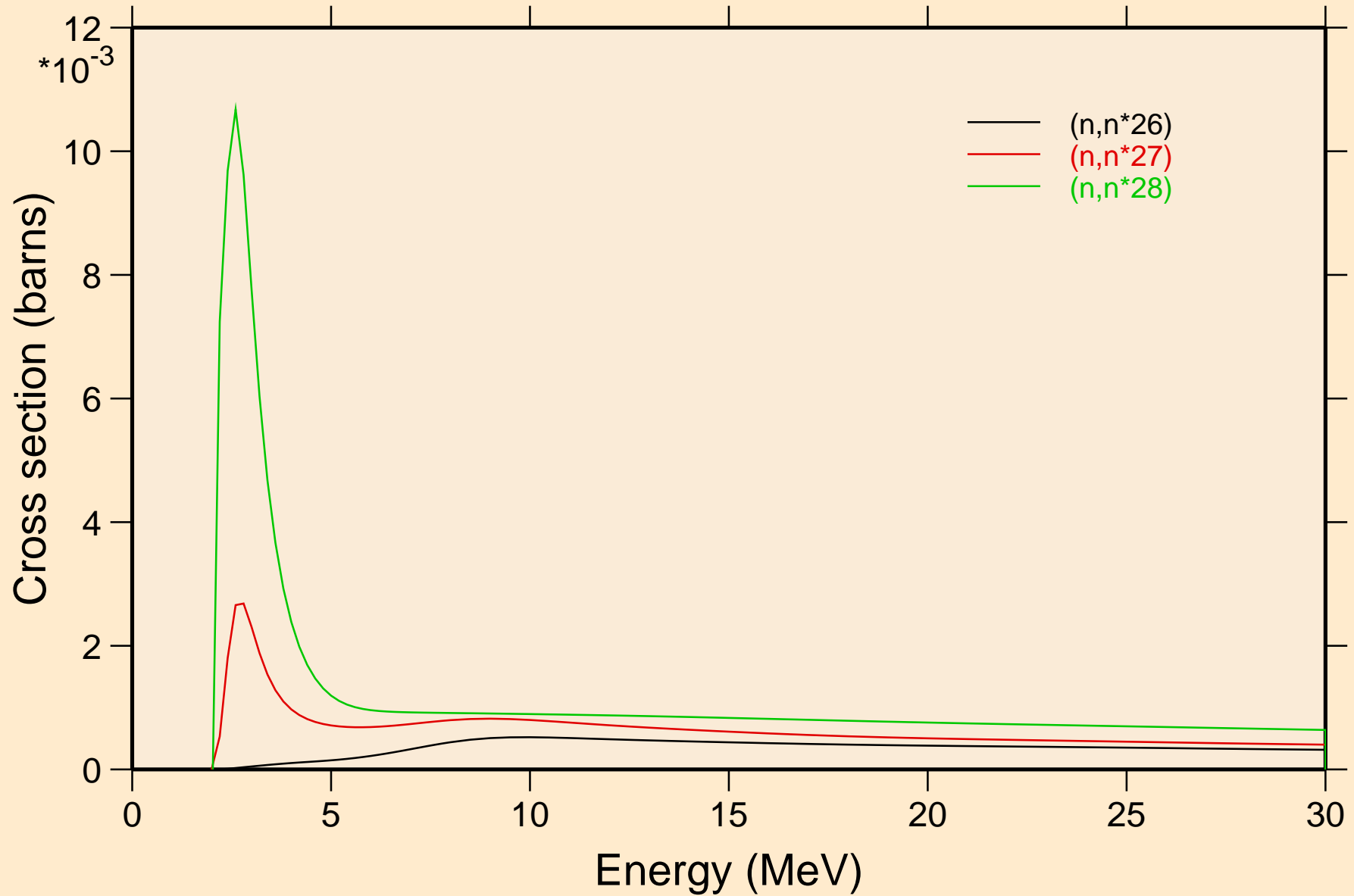




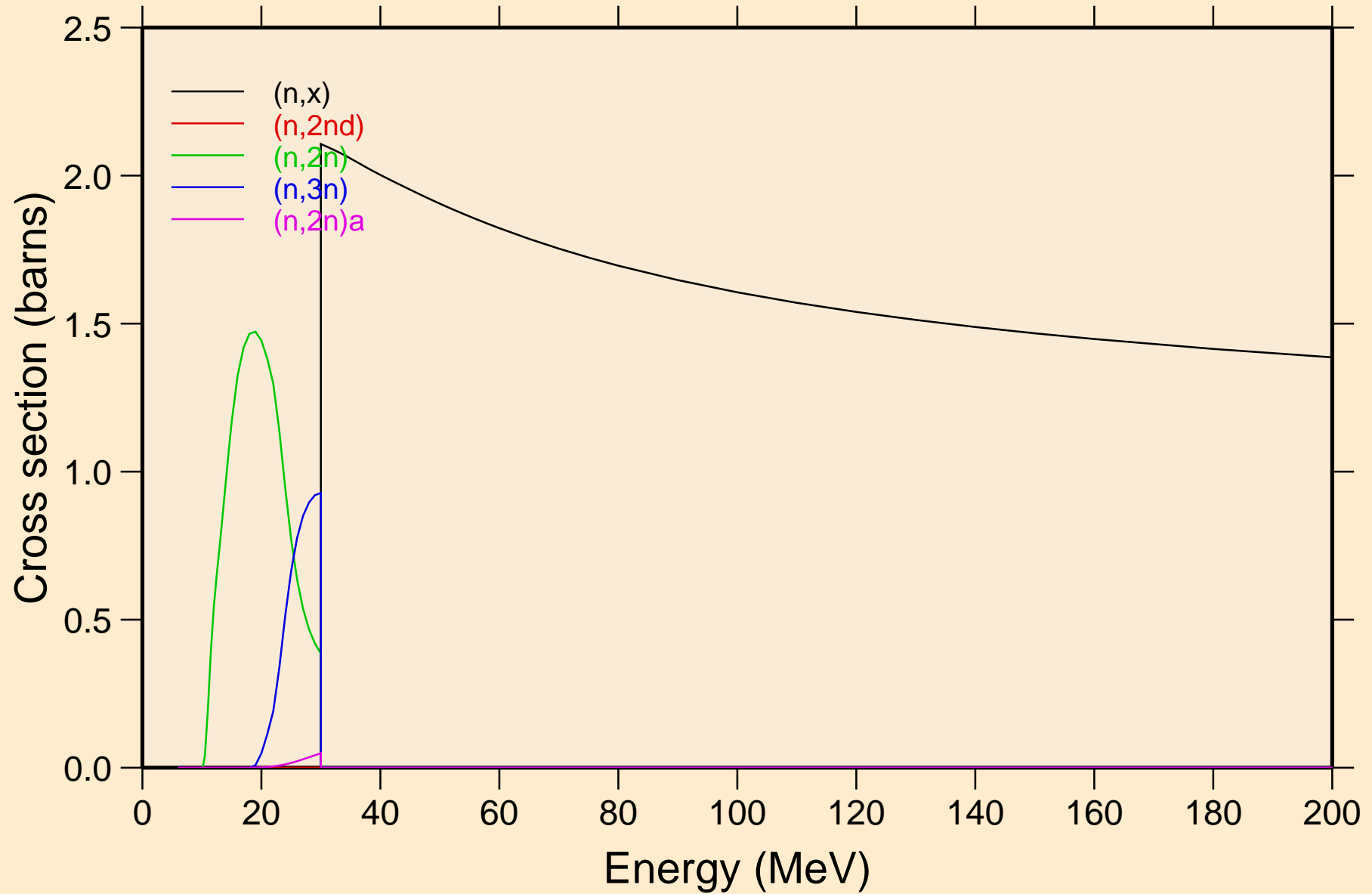
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

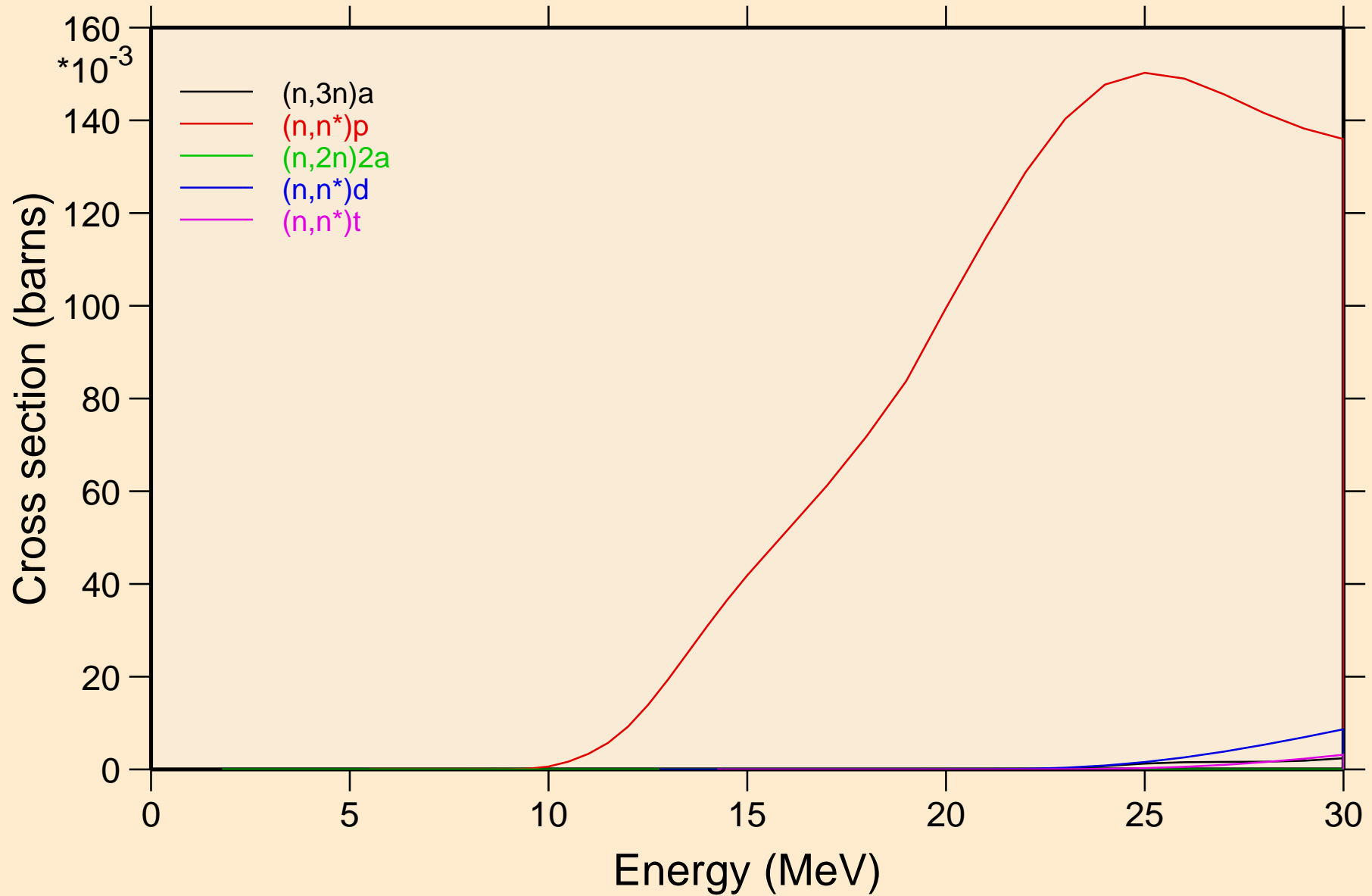


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



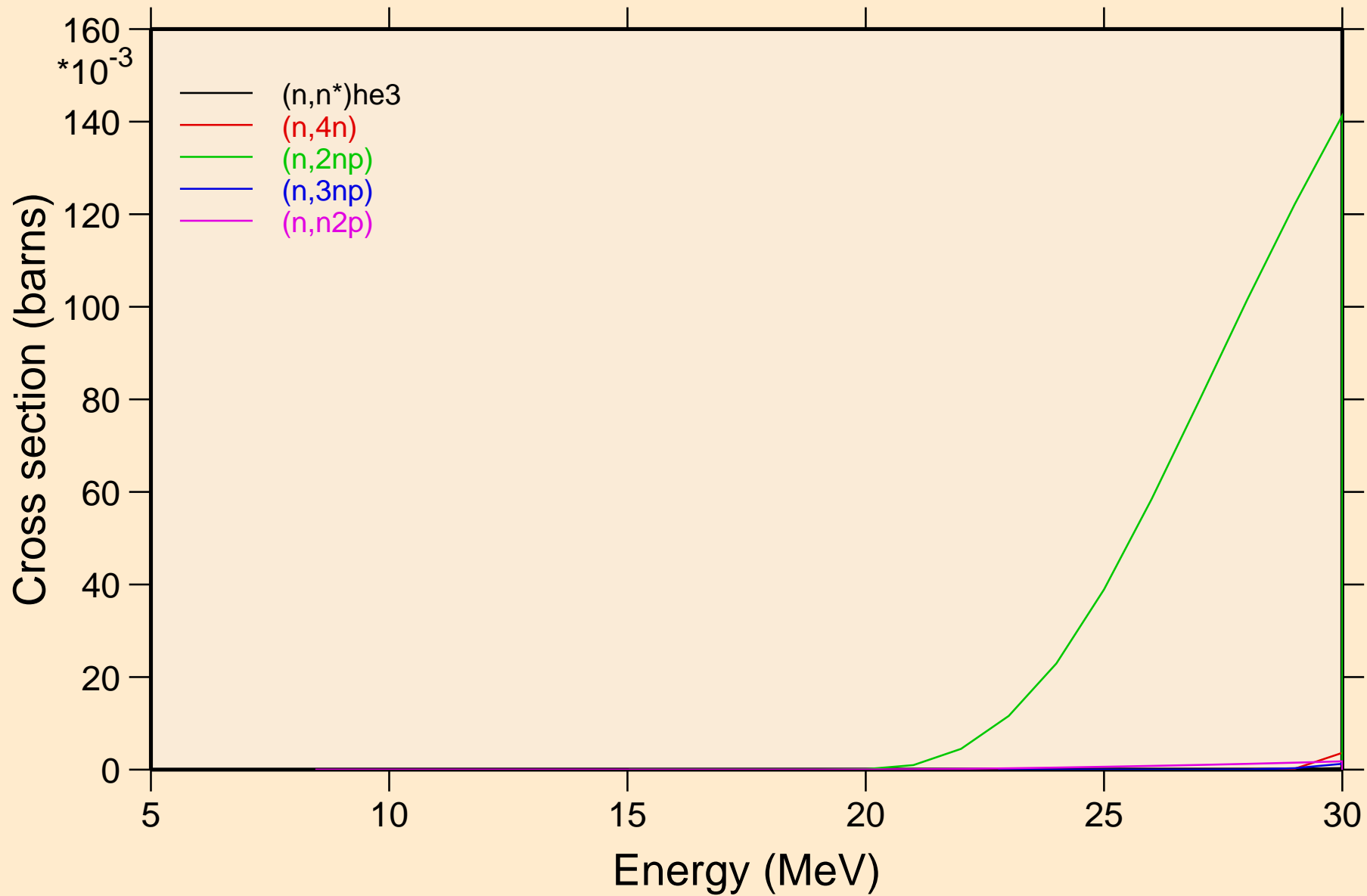
# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

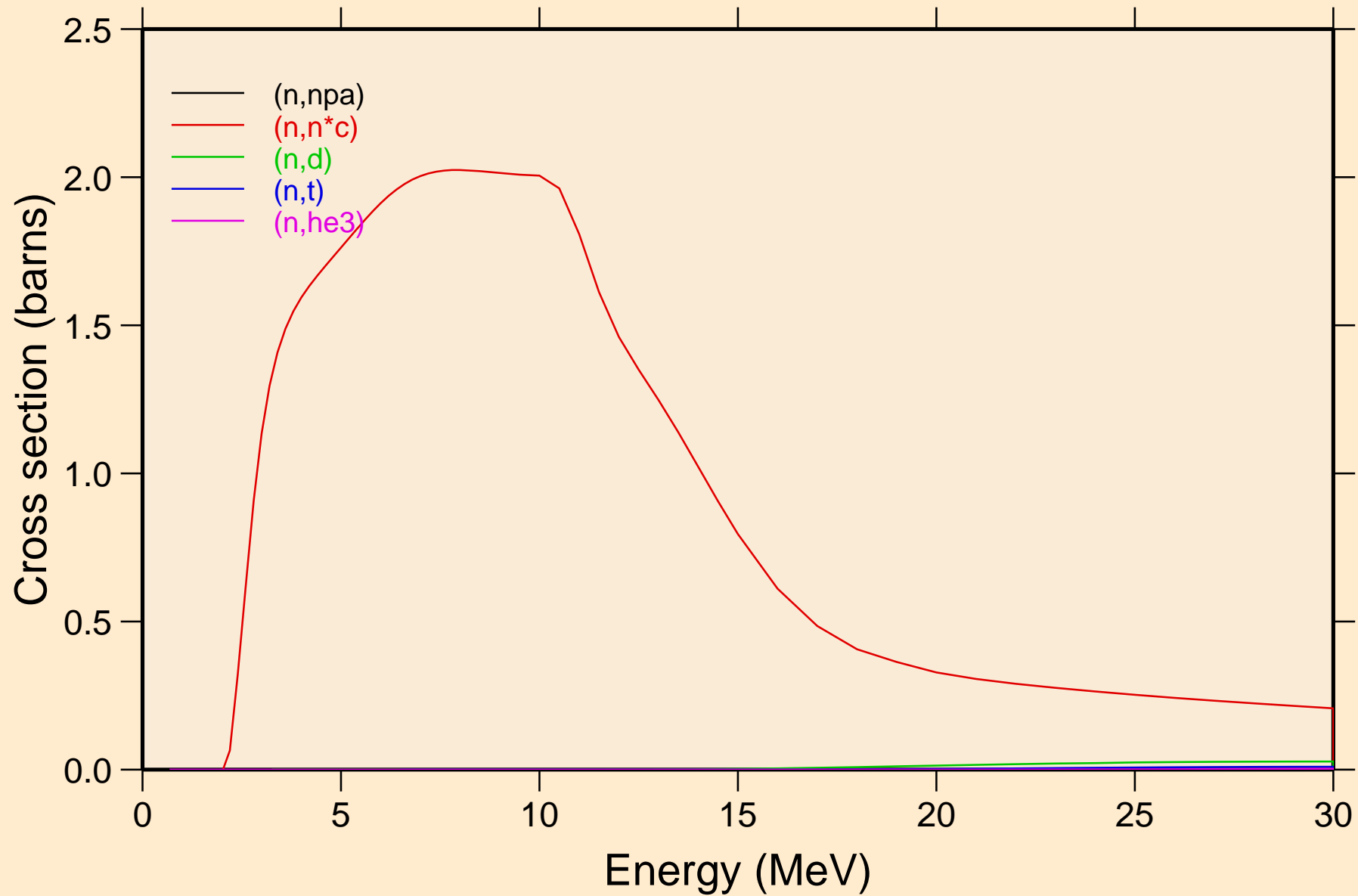


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

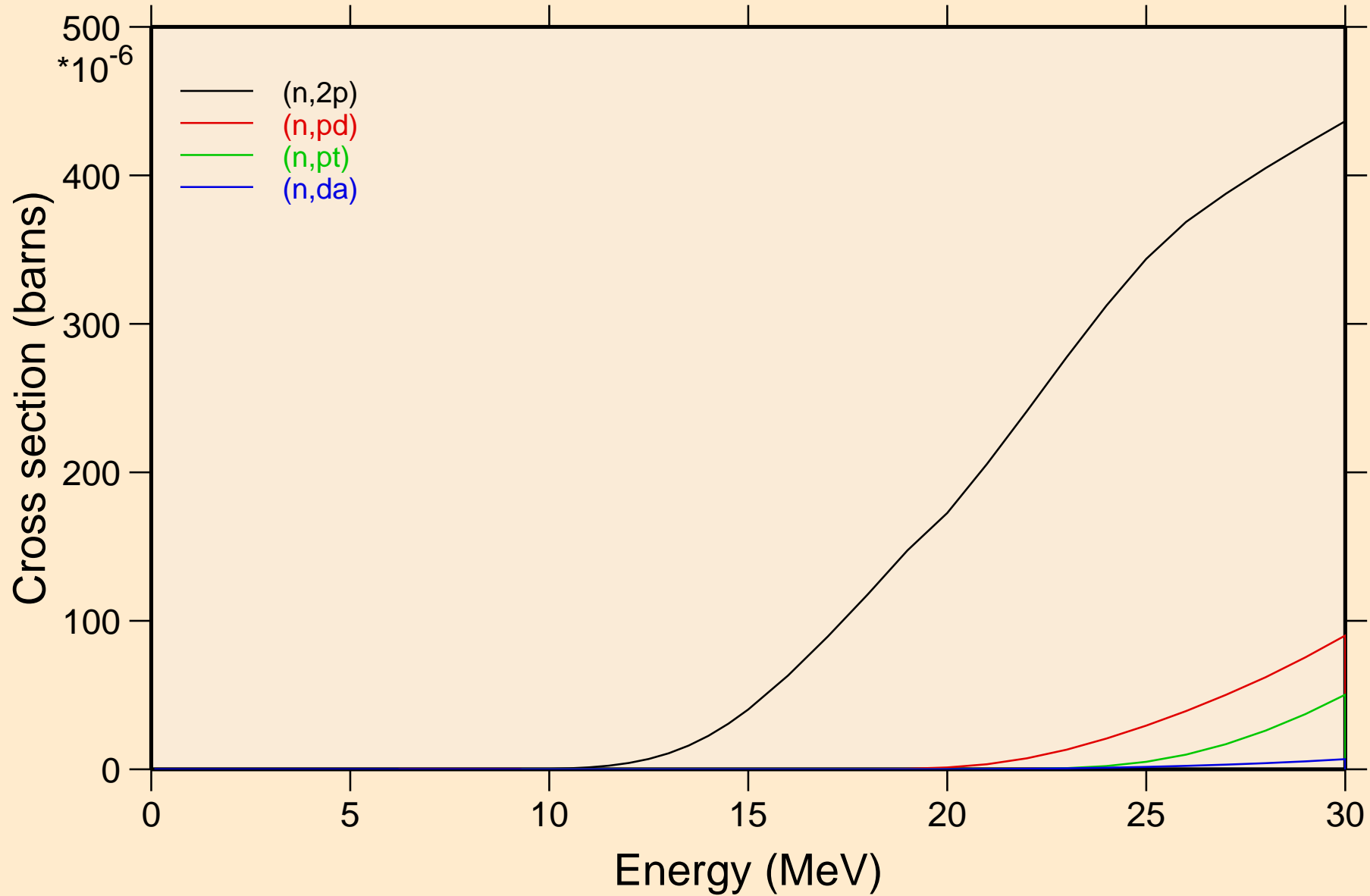


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

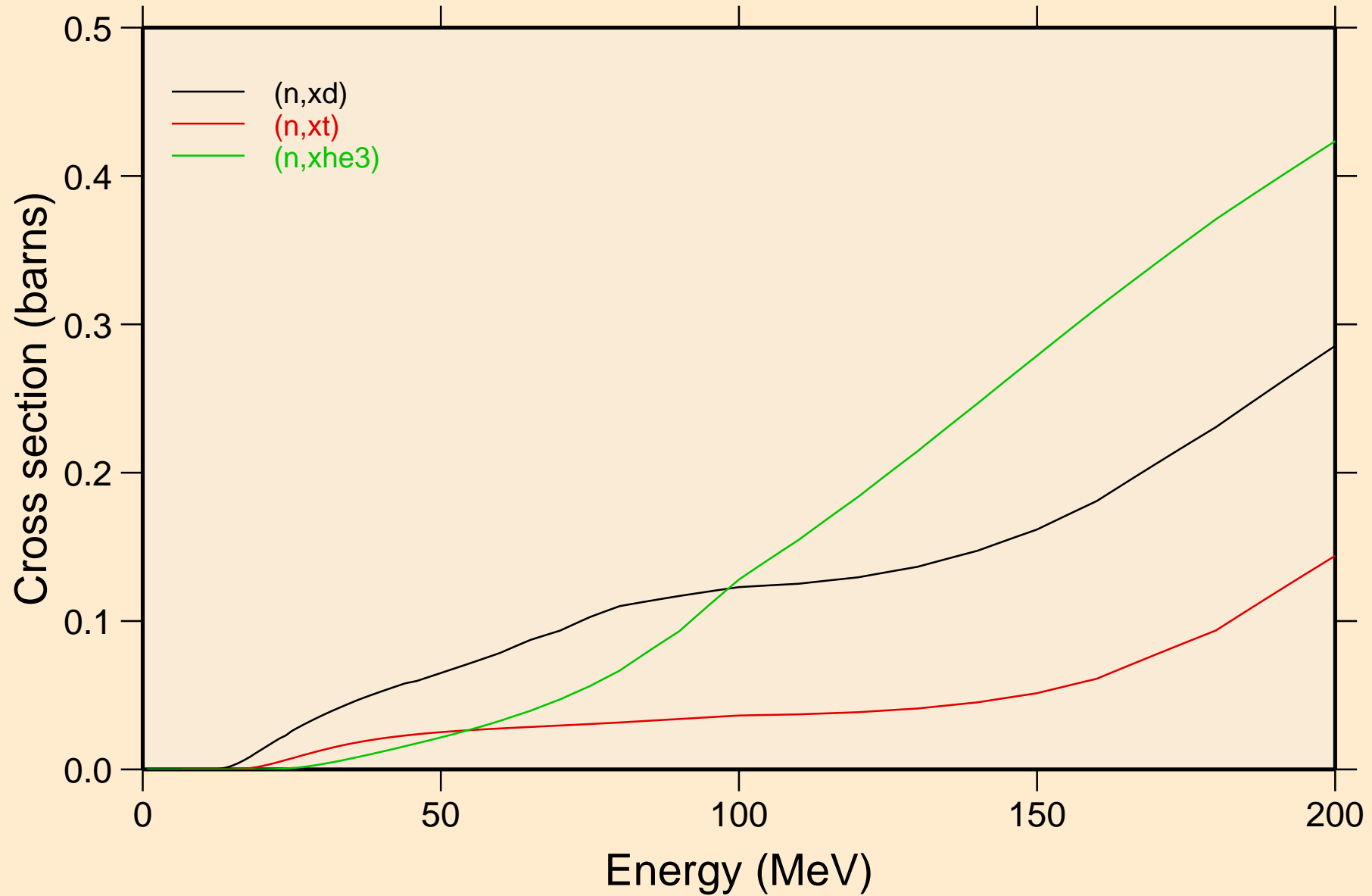


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

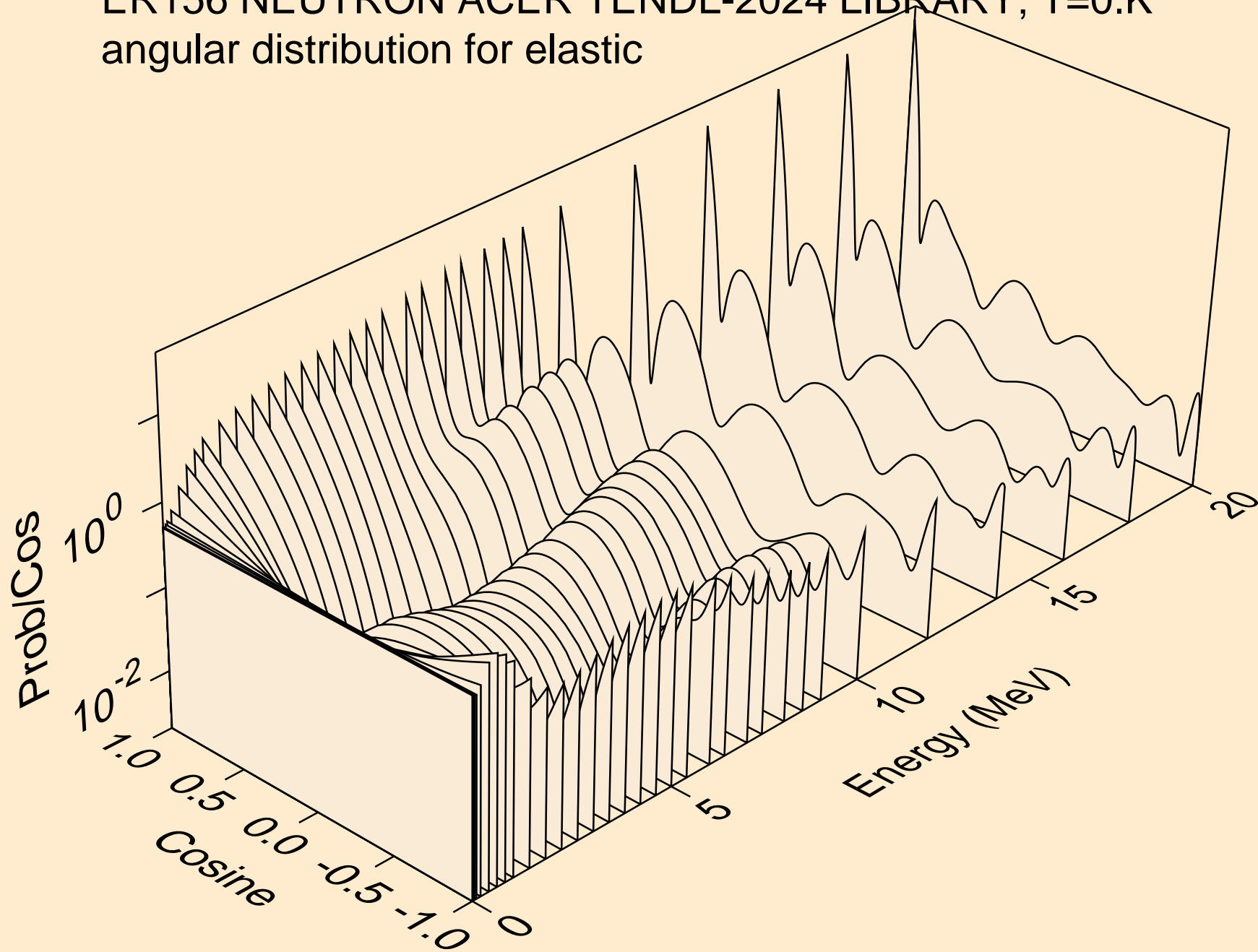


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

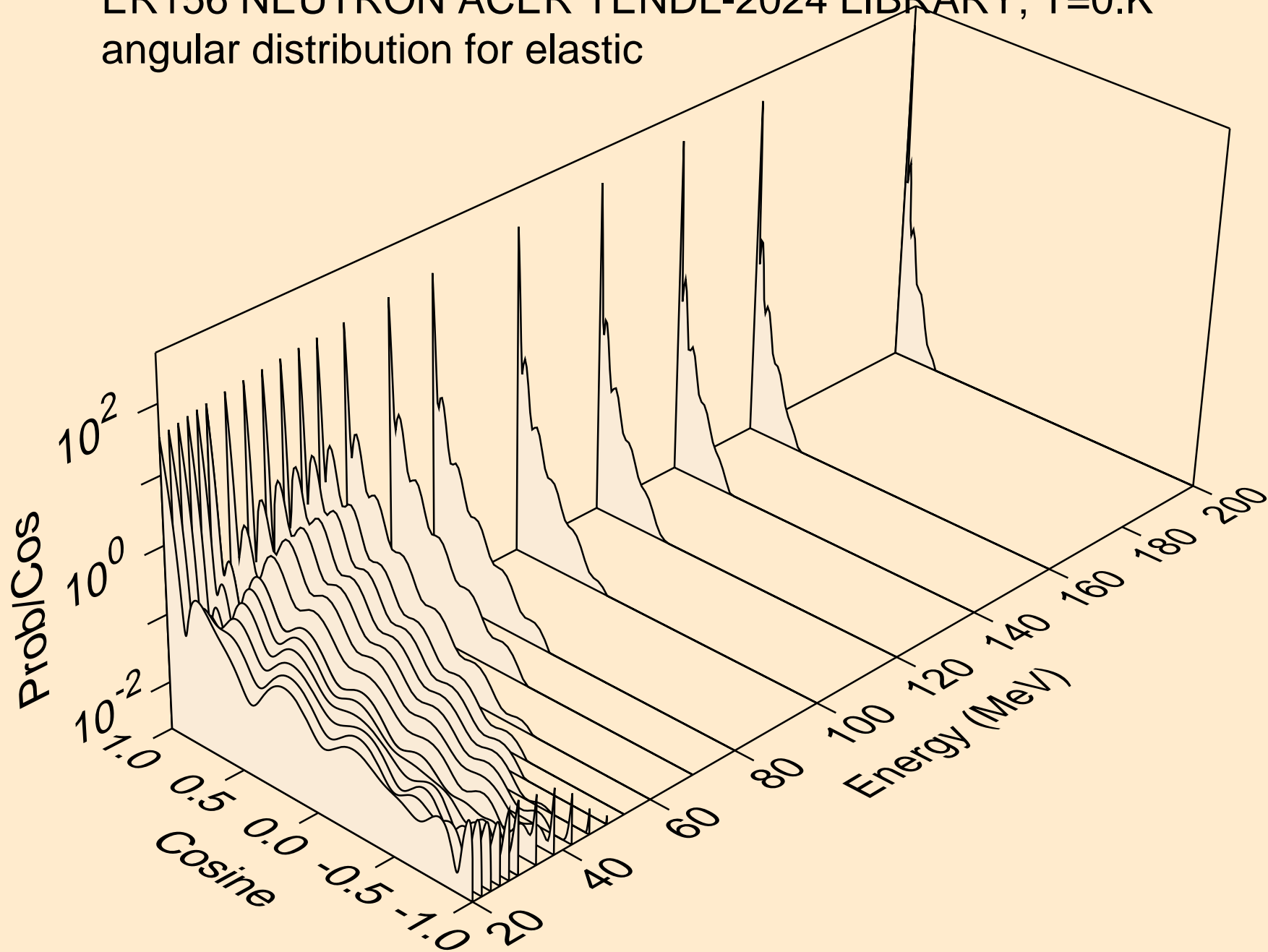




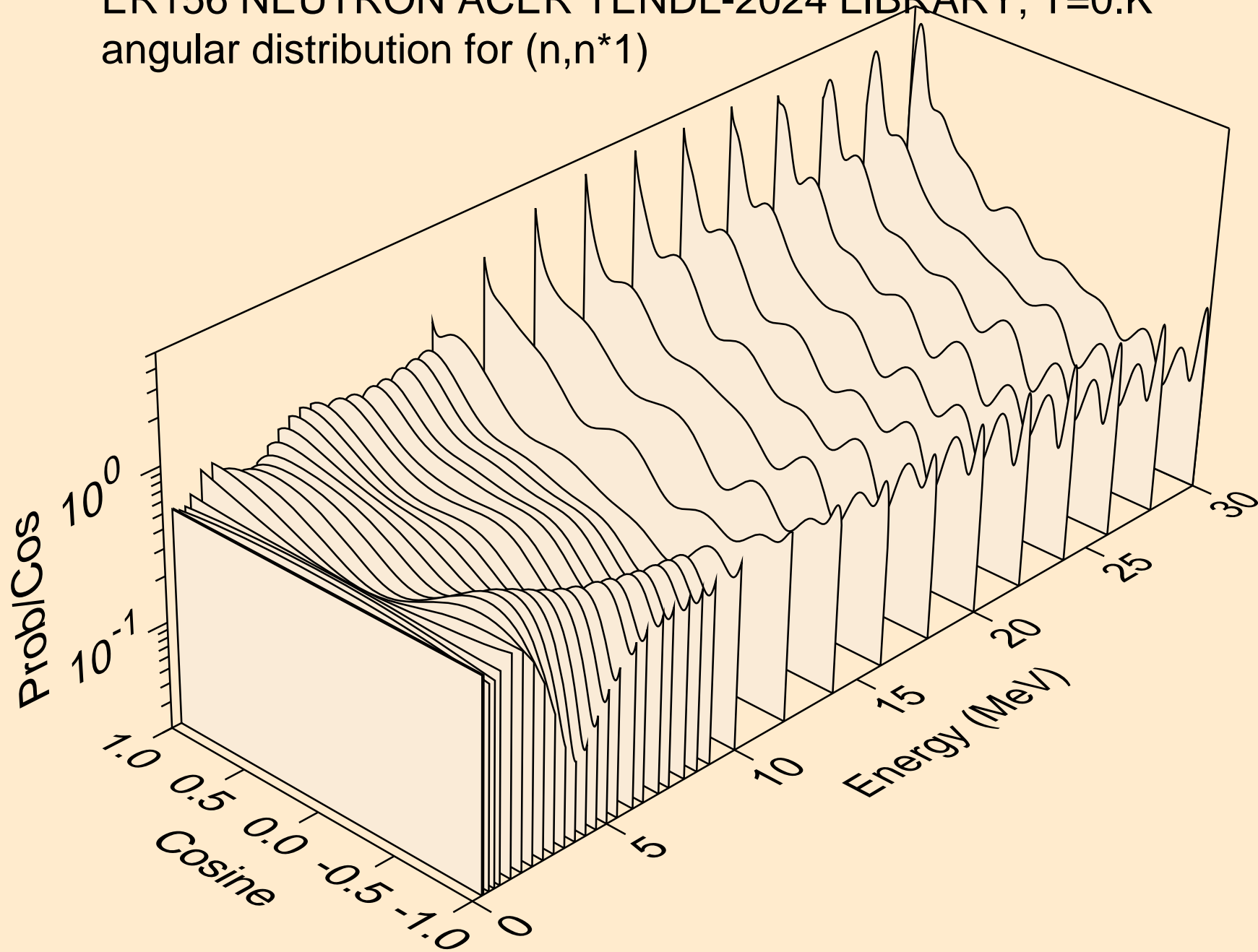
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



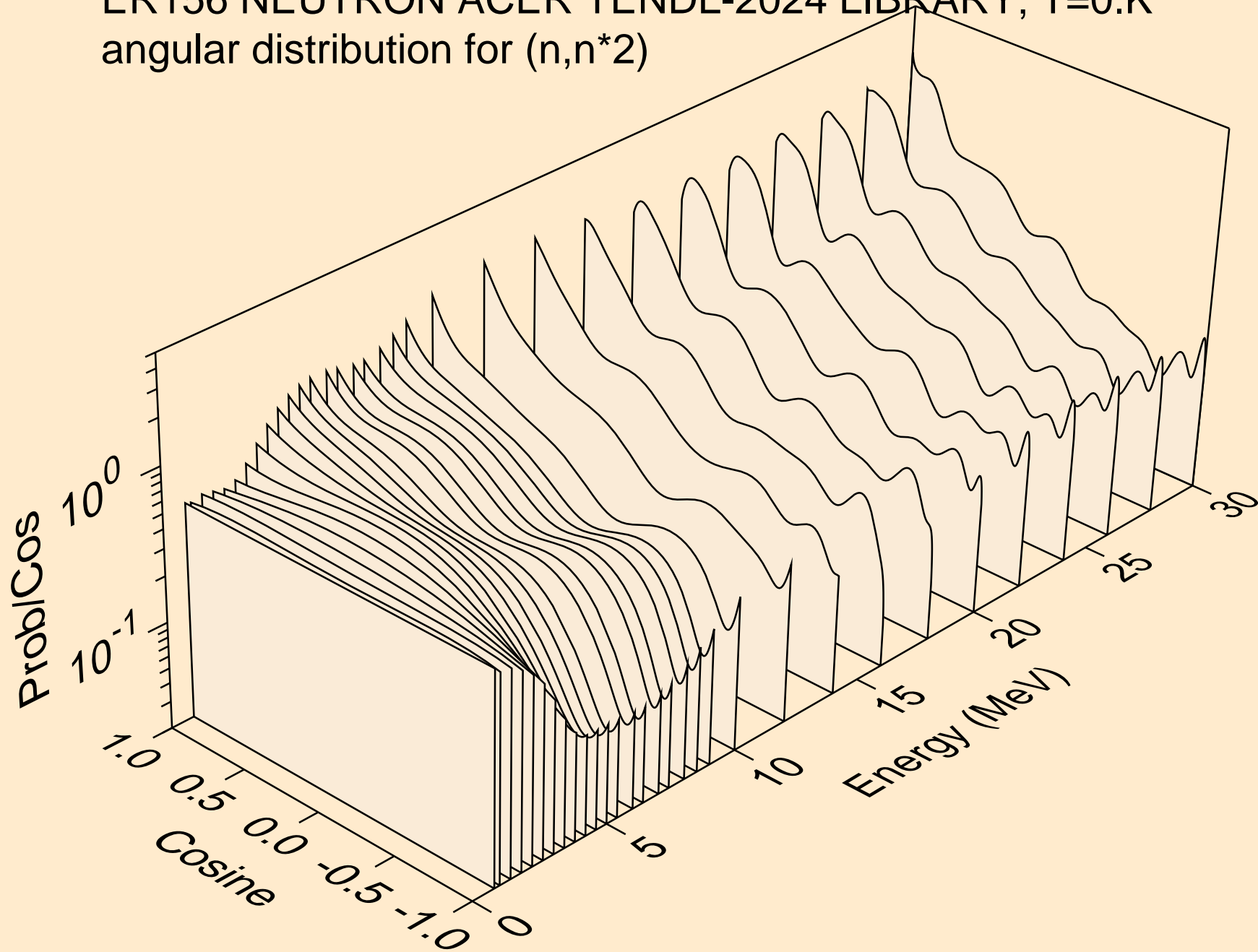
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



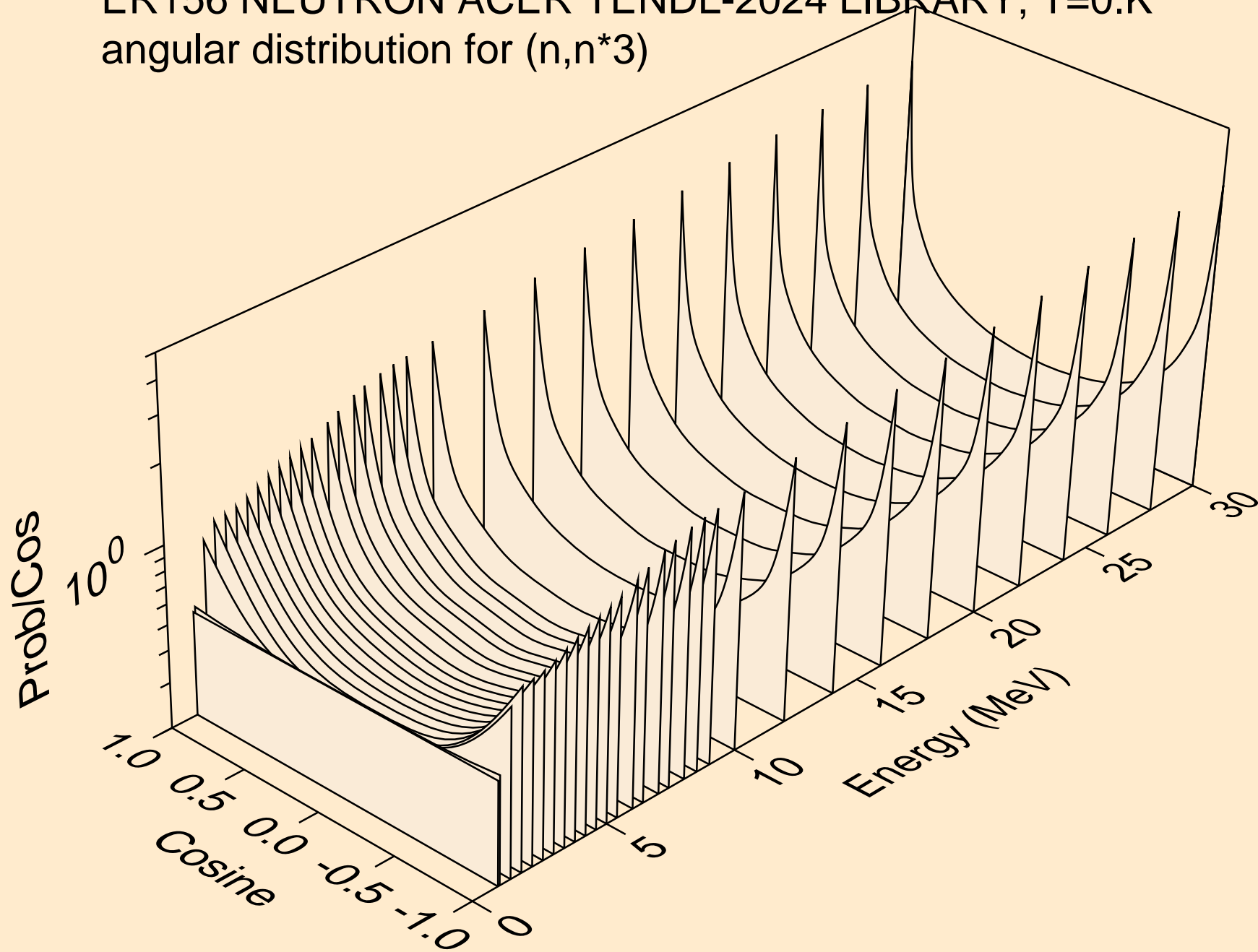
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



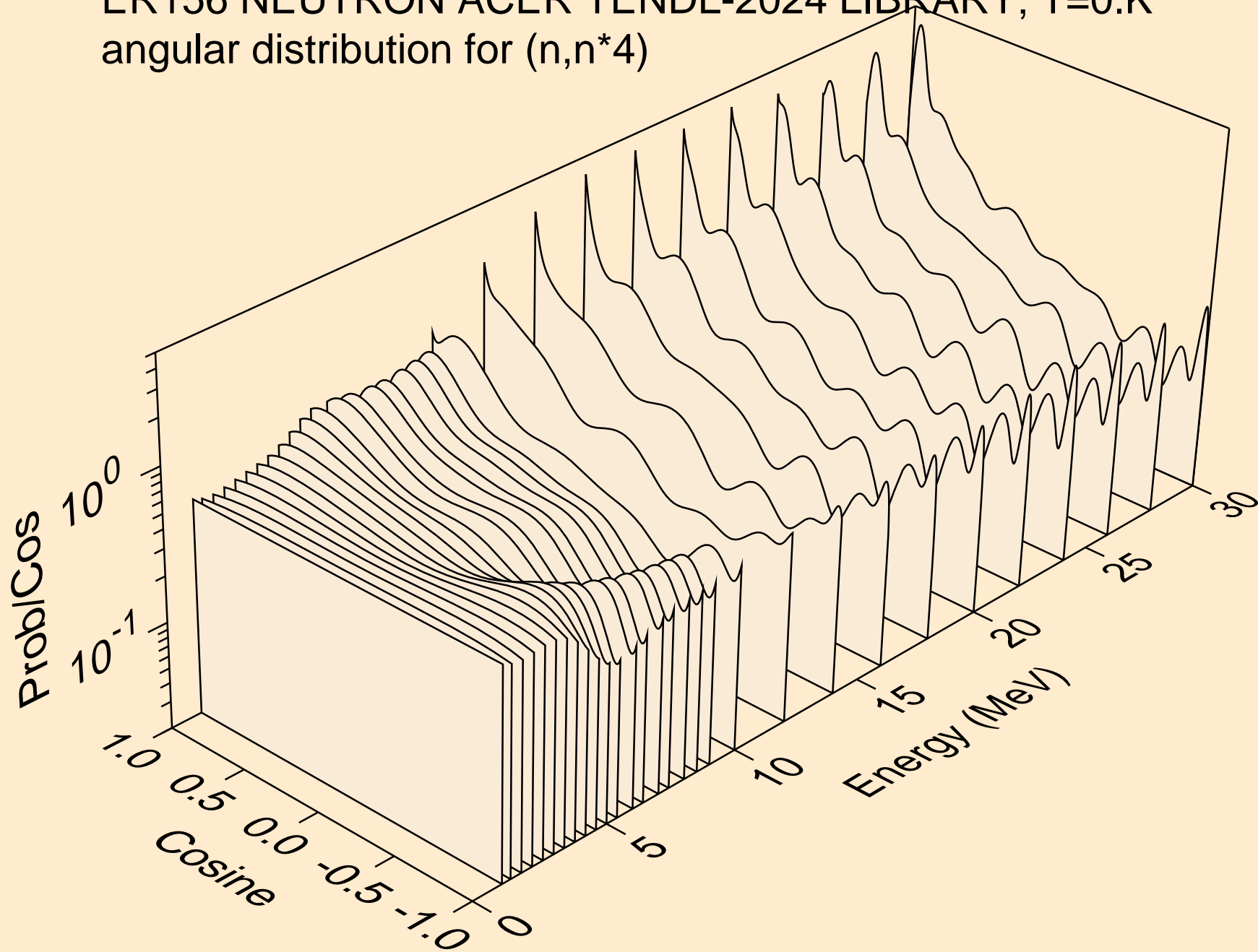
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



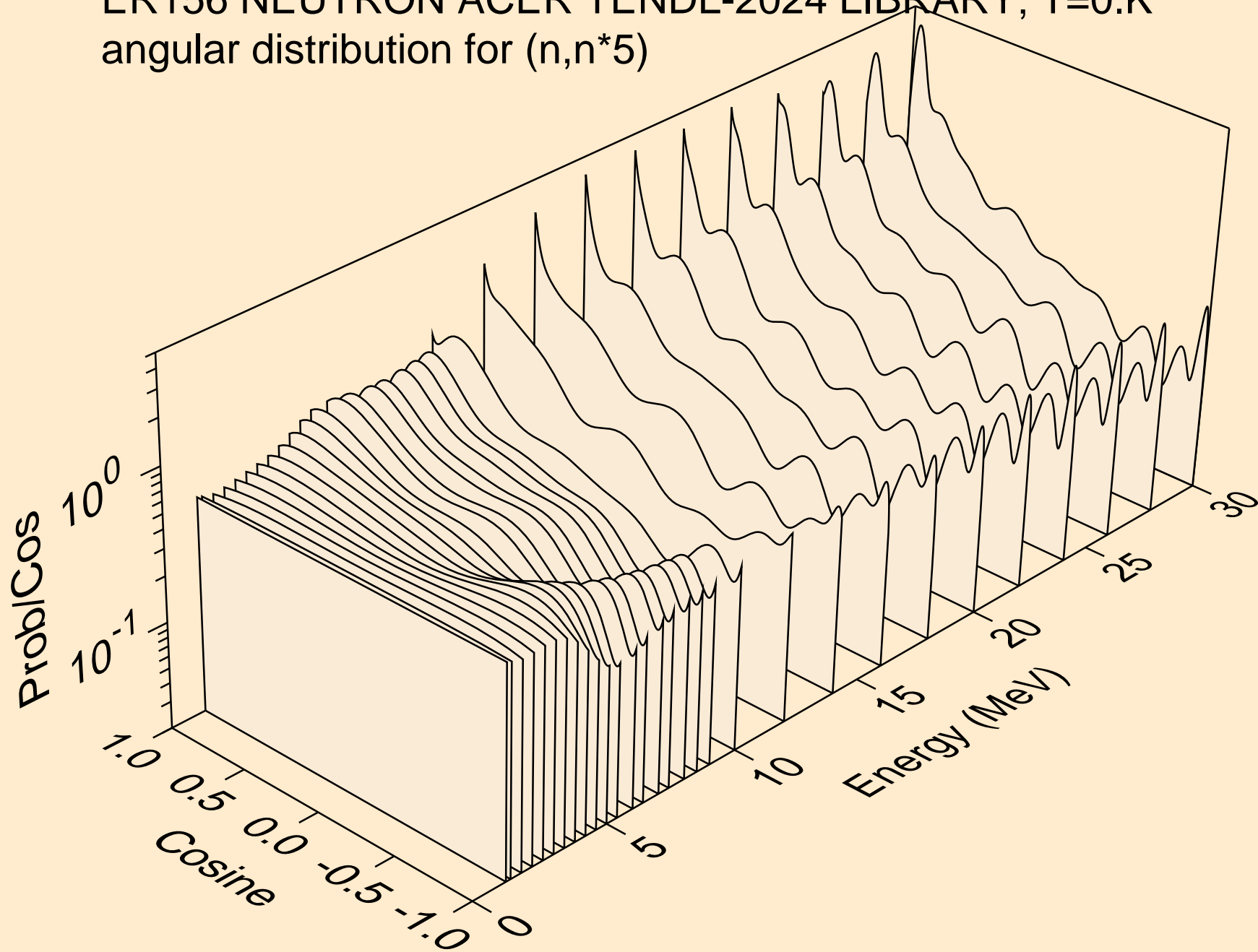
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



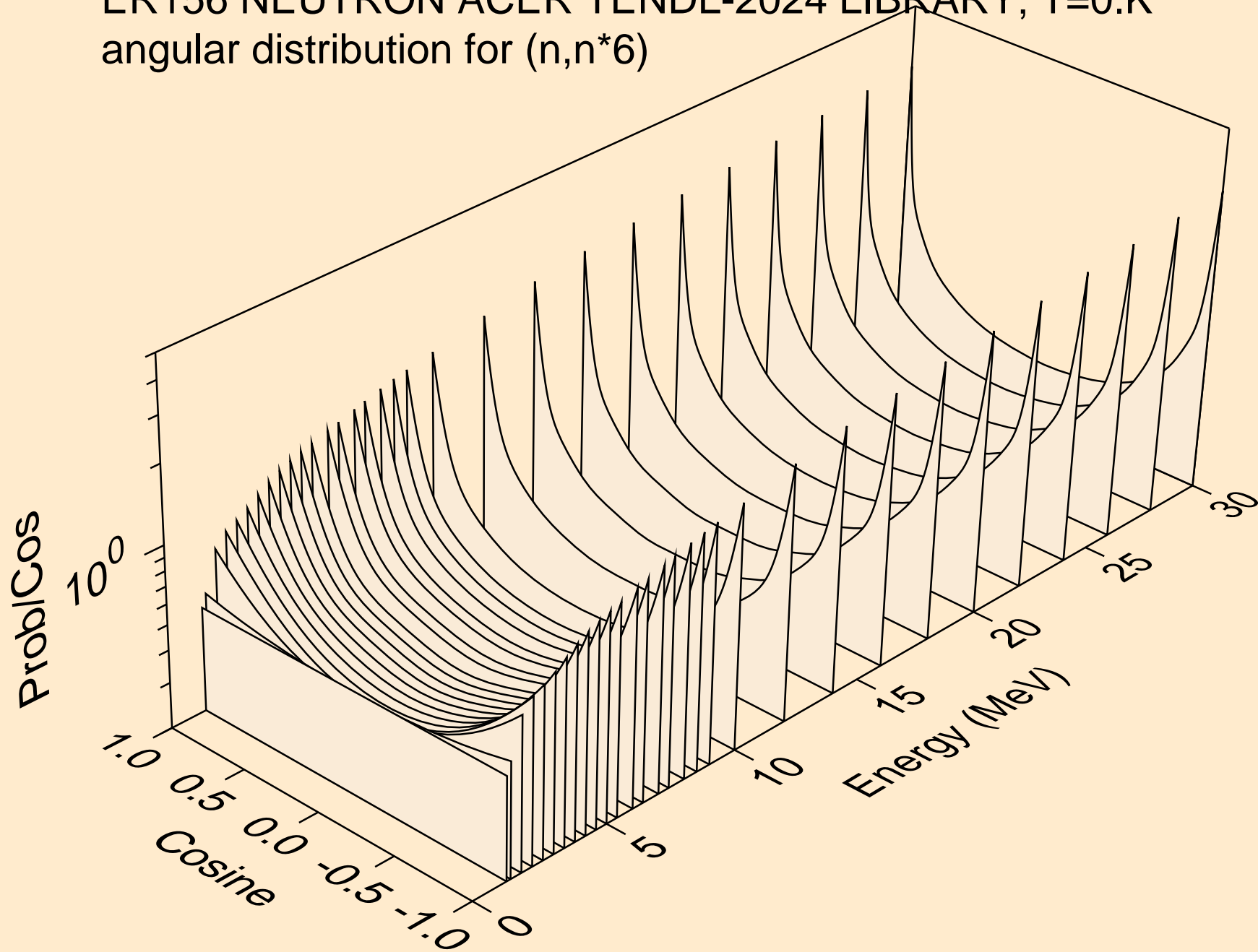
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

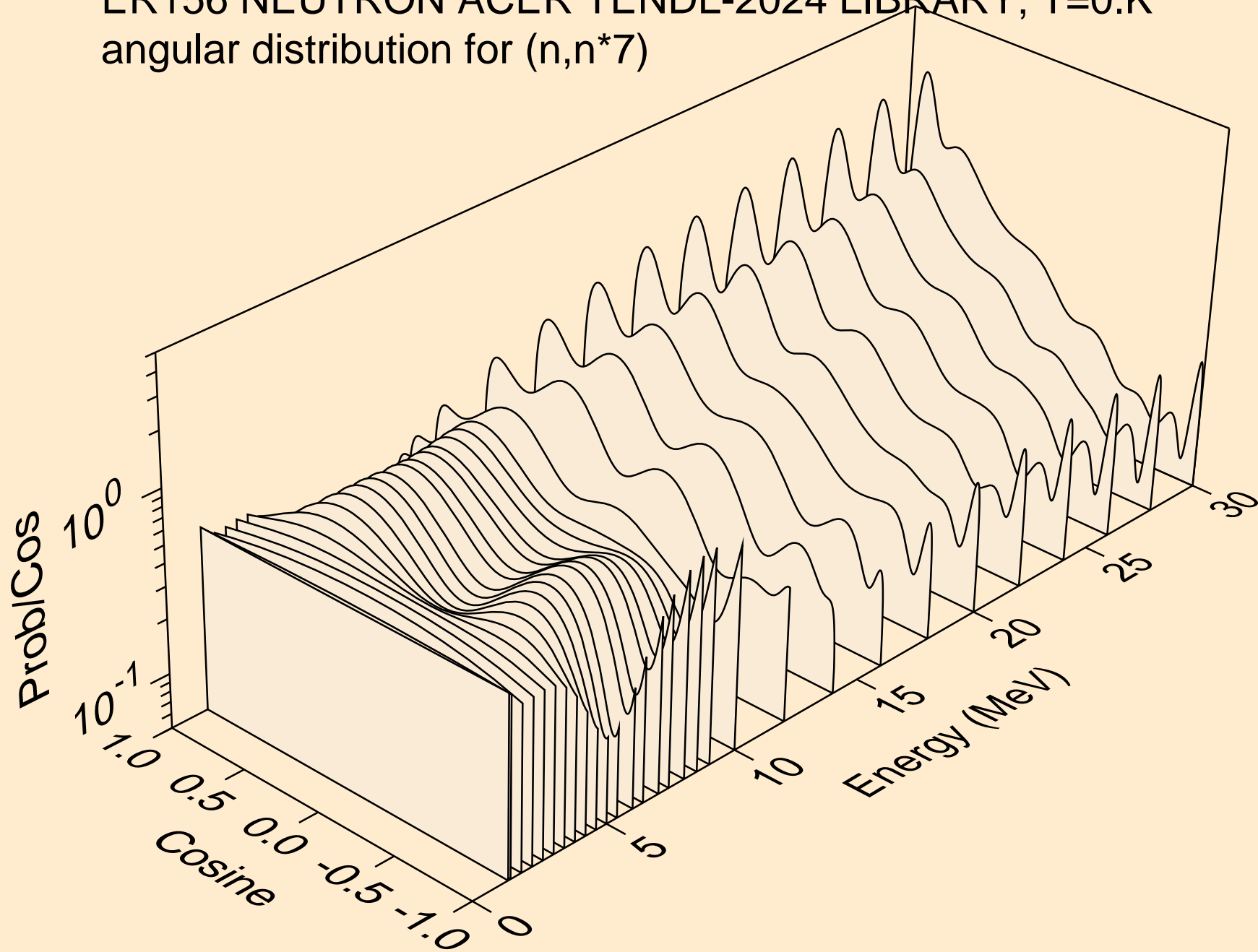


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

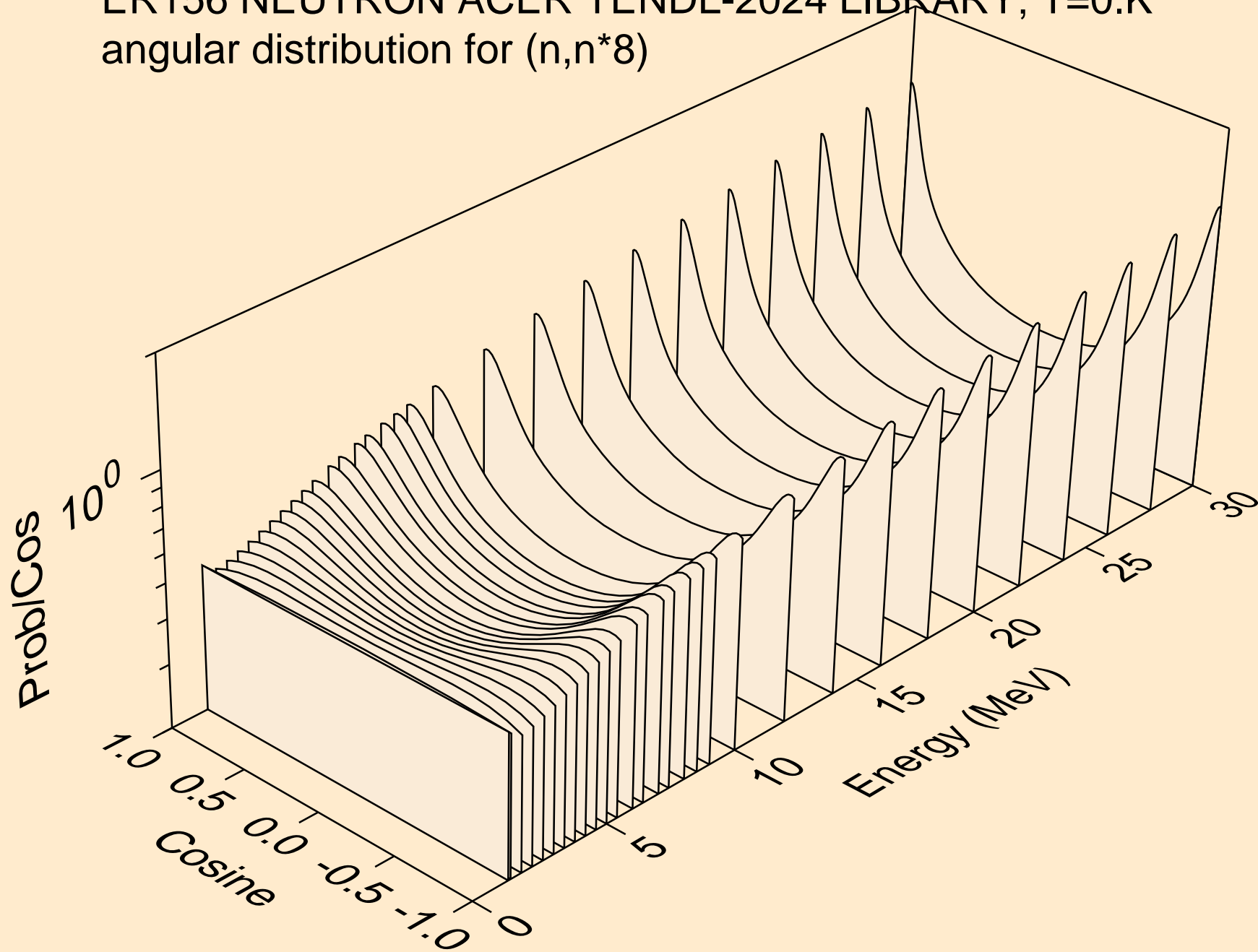




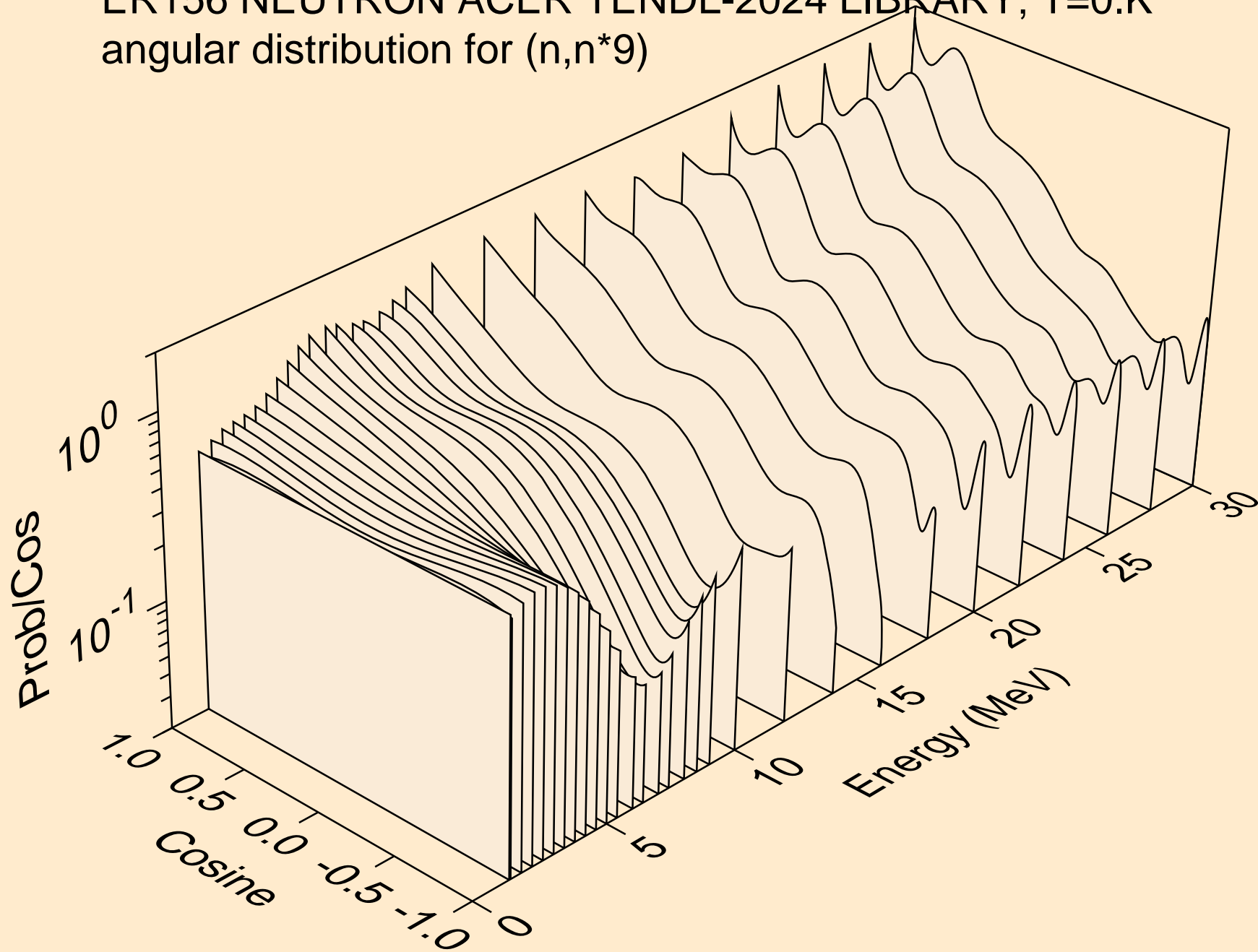
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



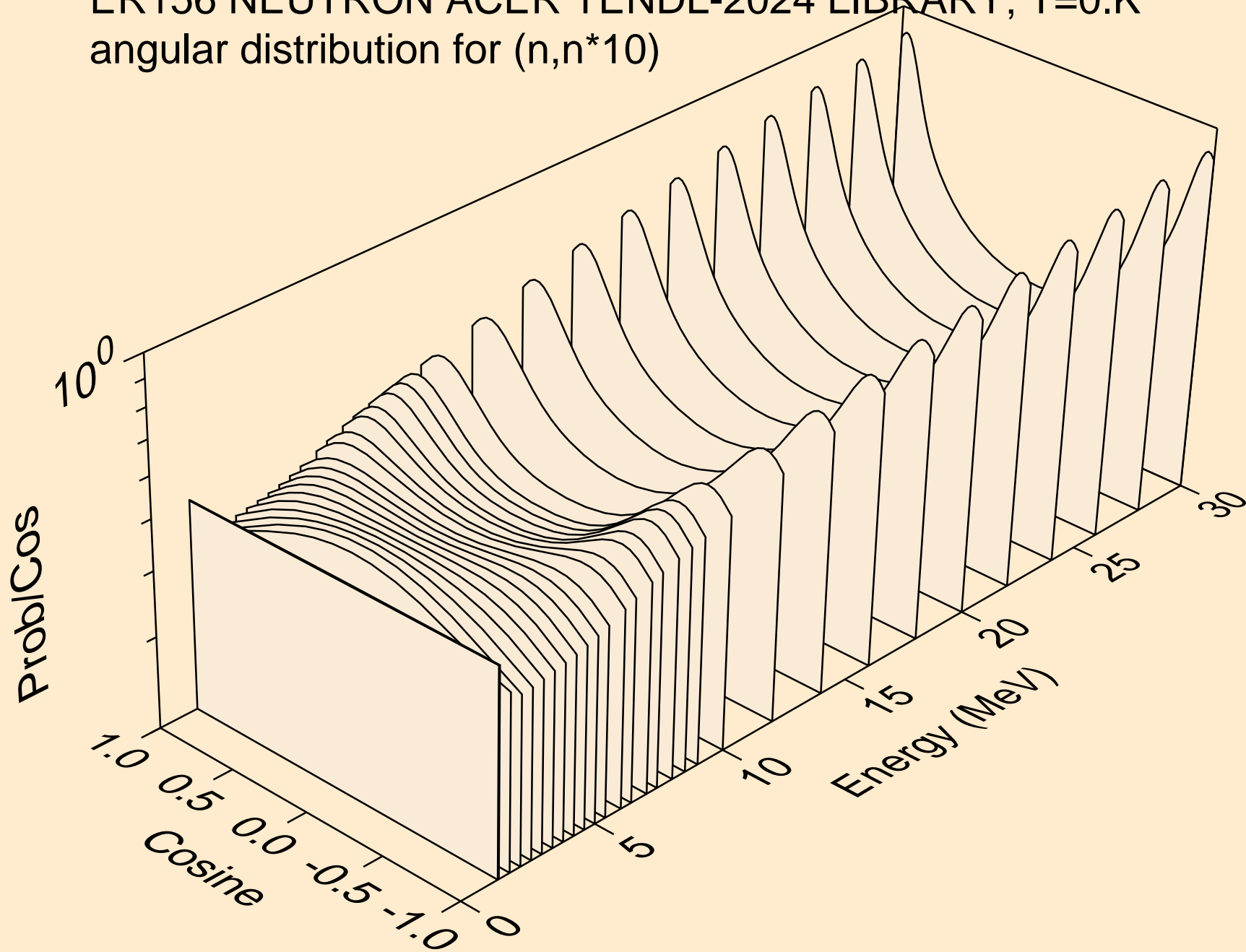
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



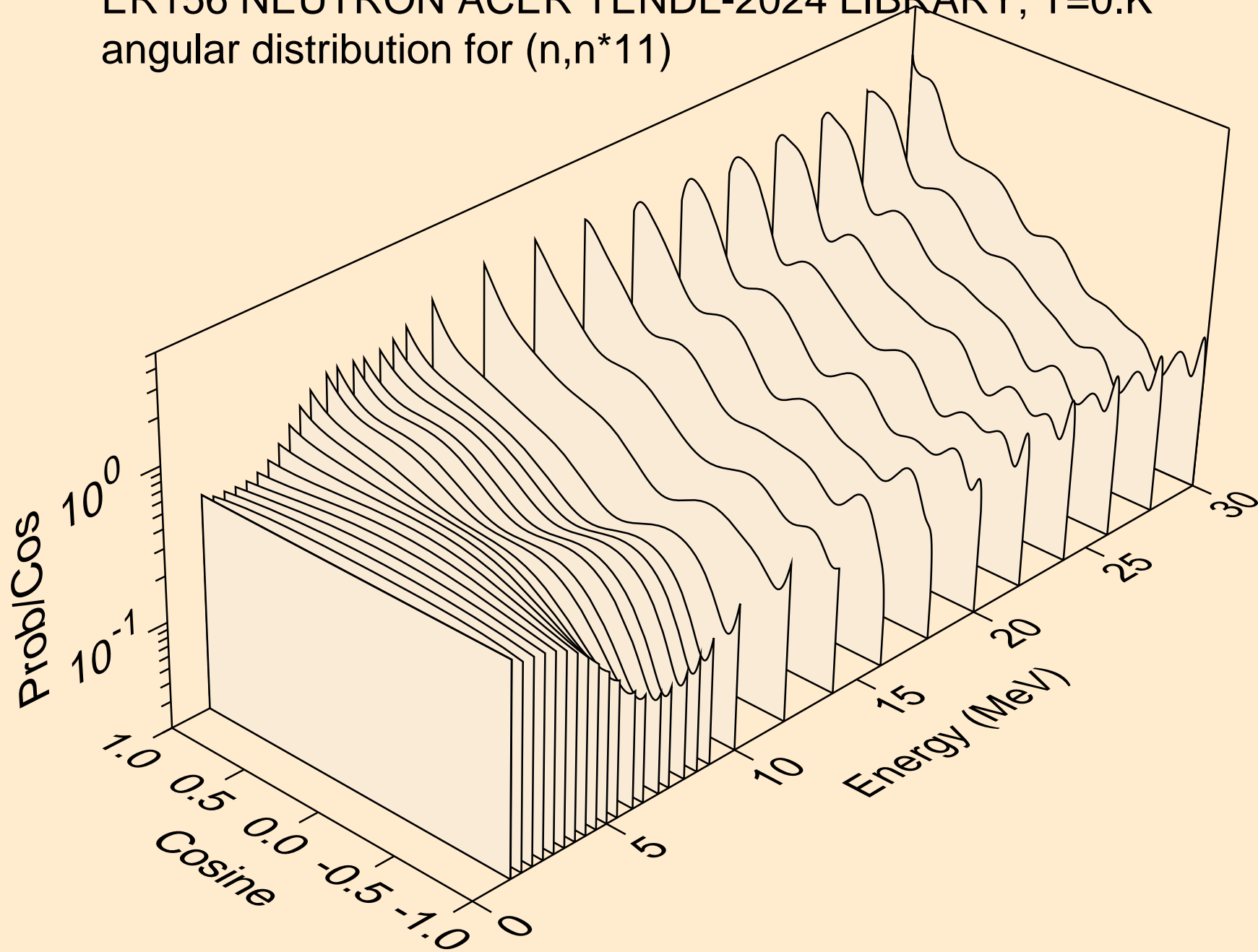
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



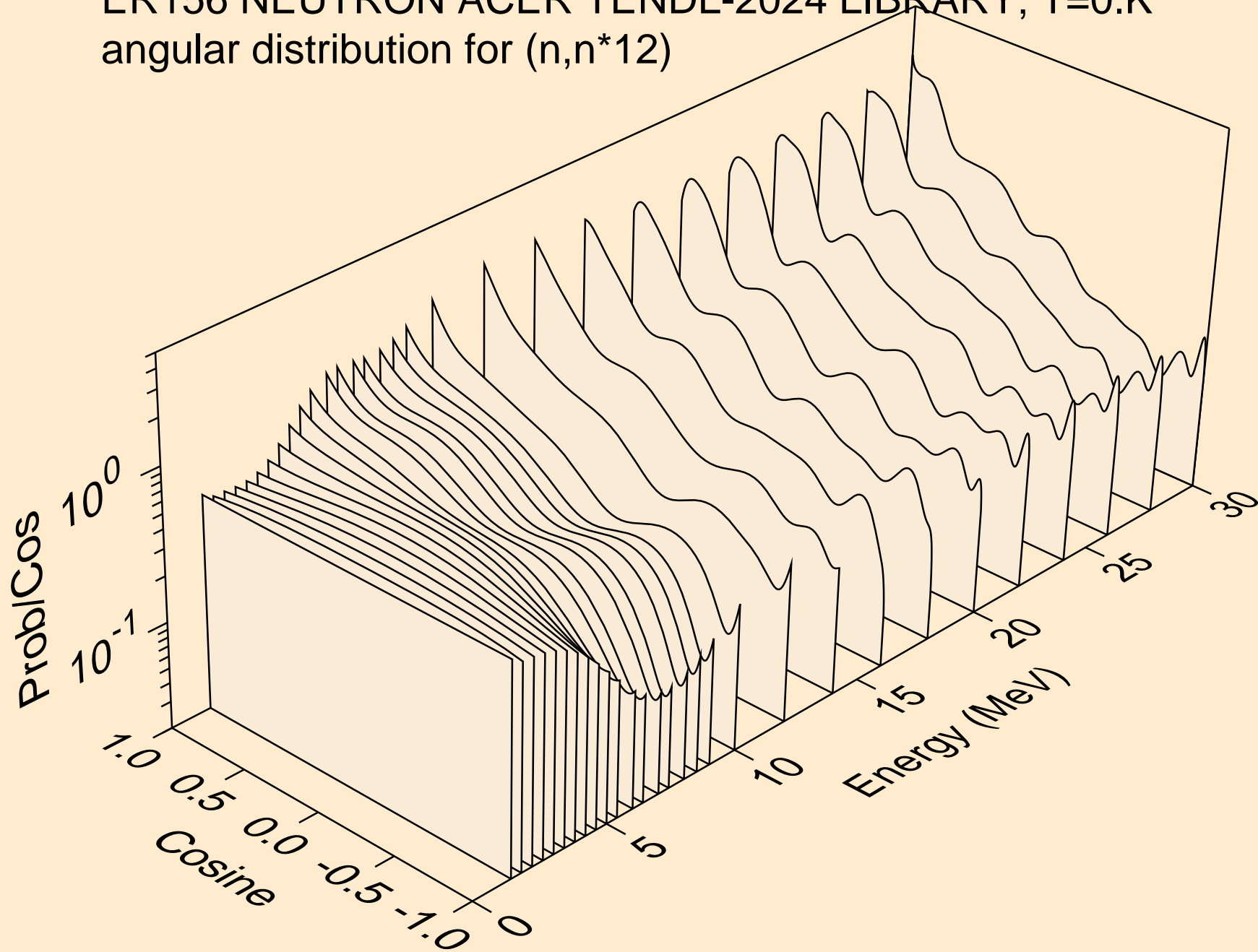
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



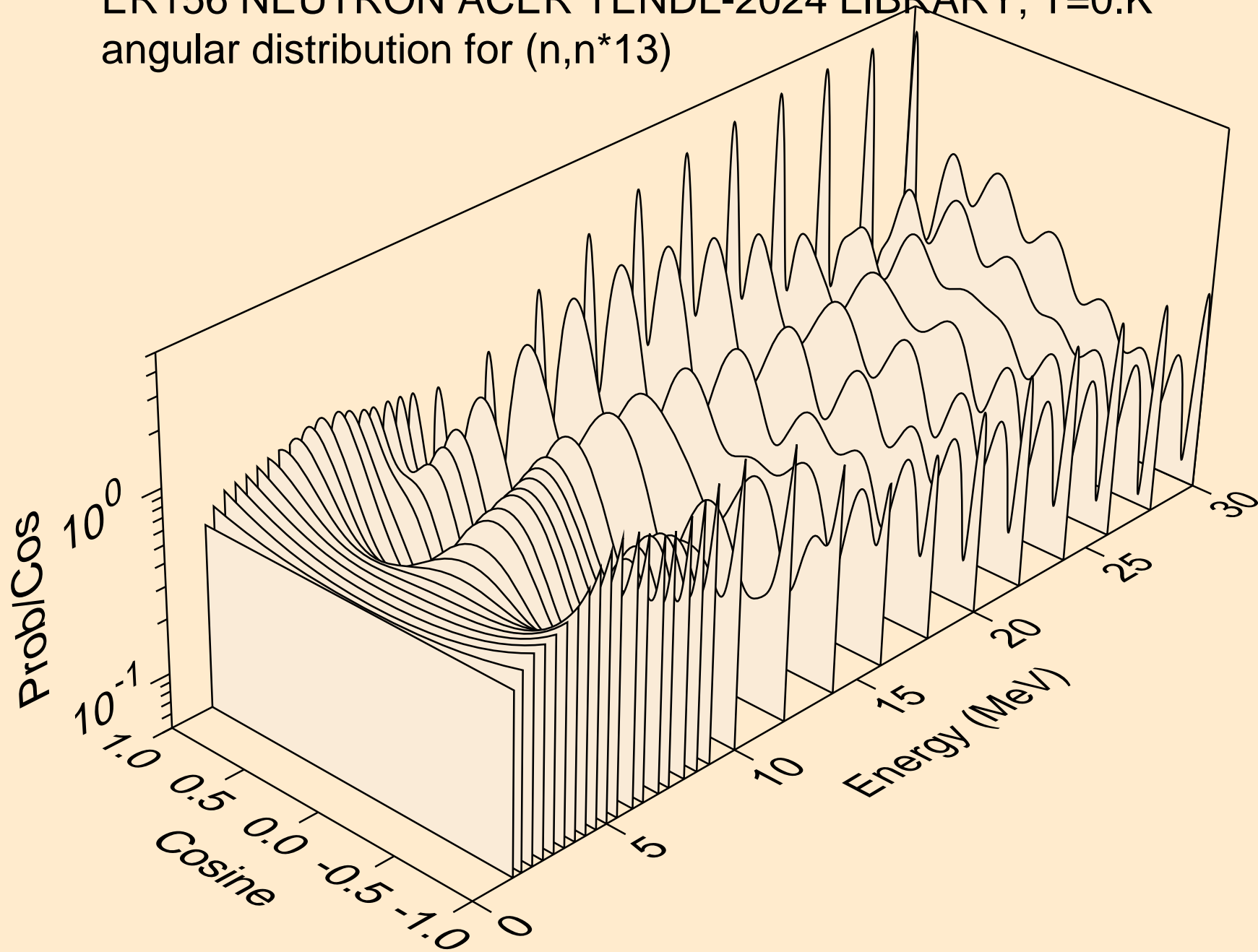
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



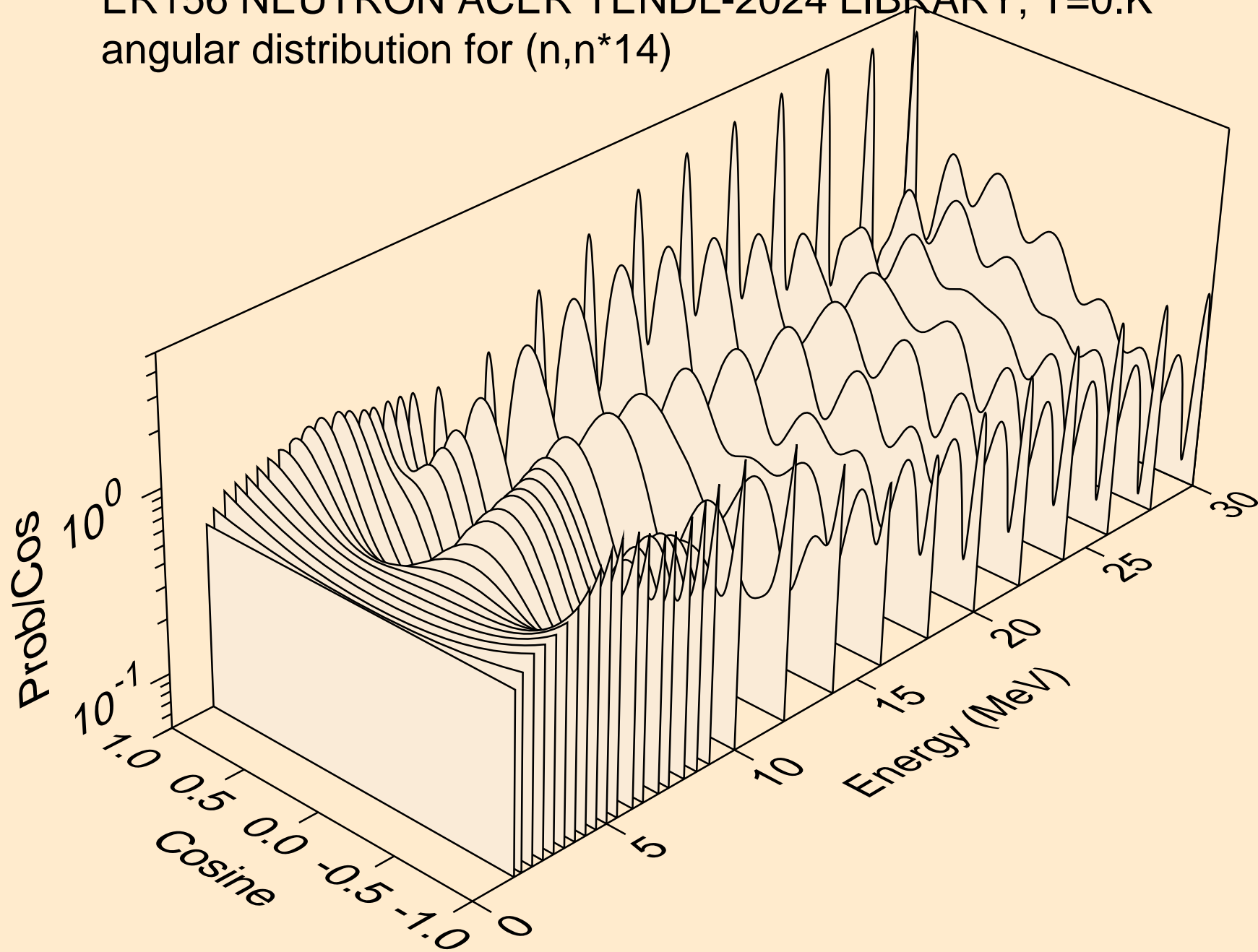
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

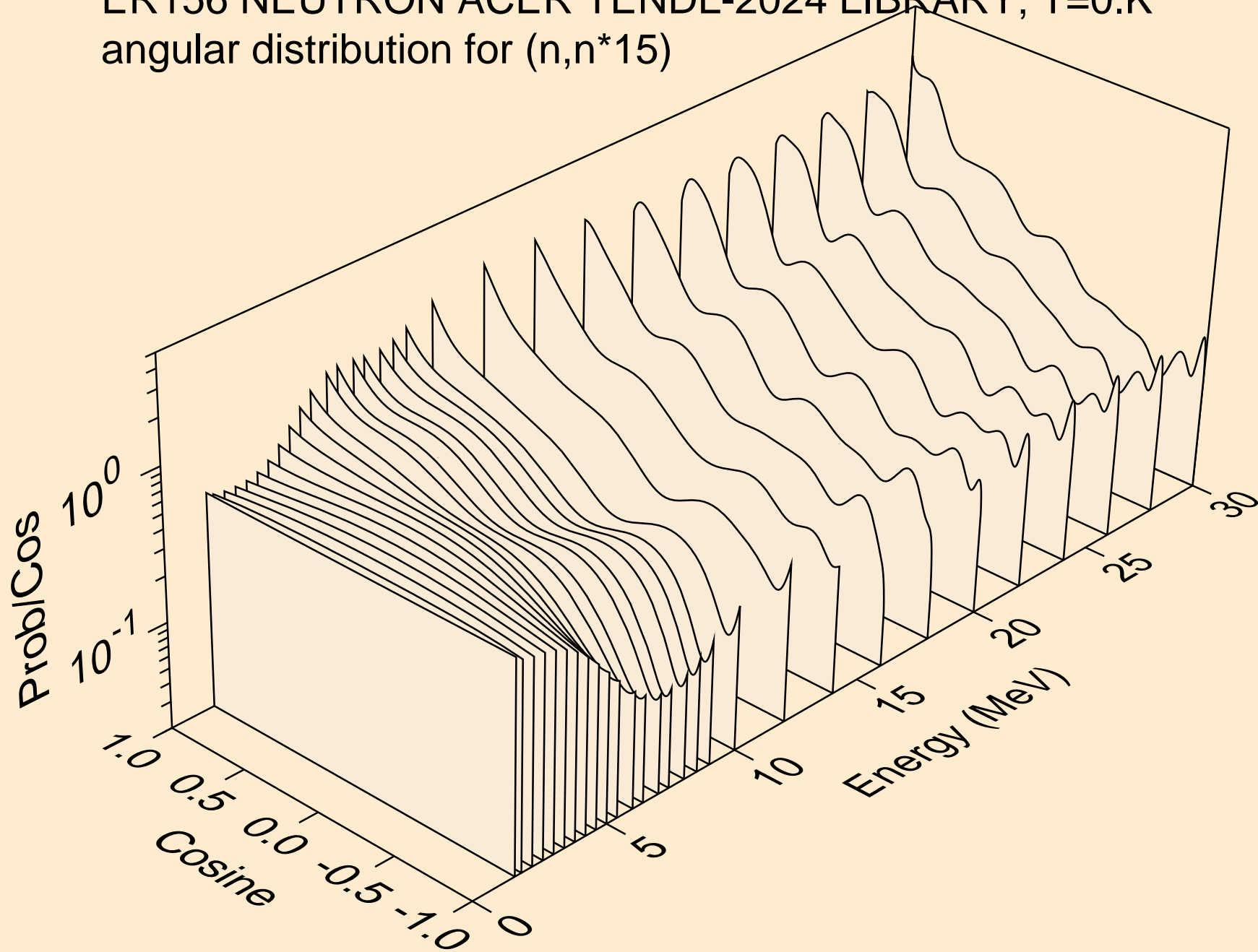


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

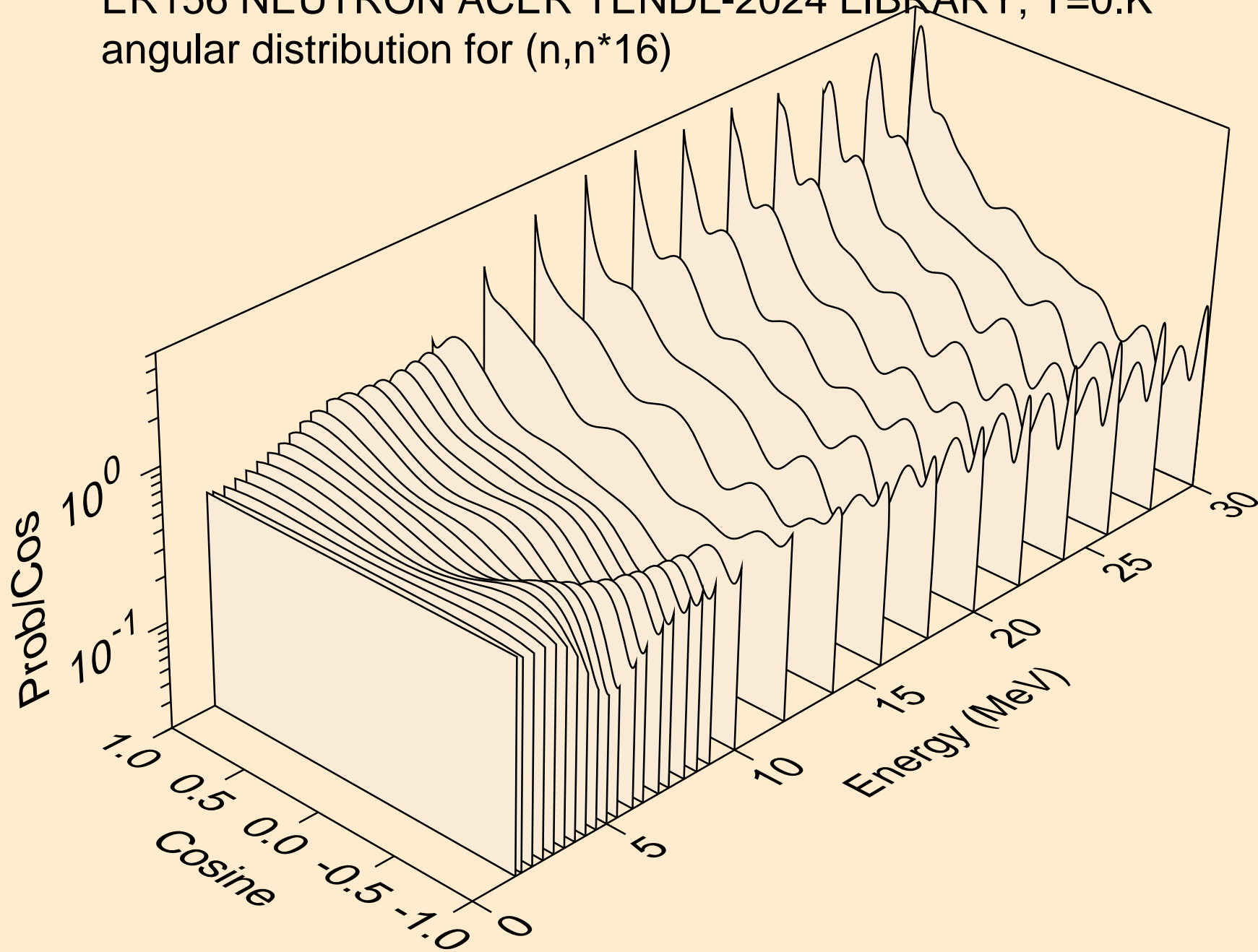




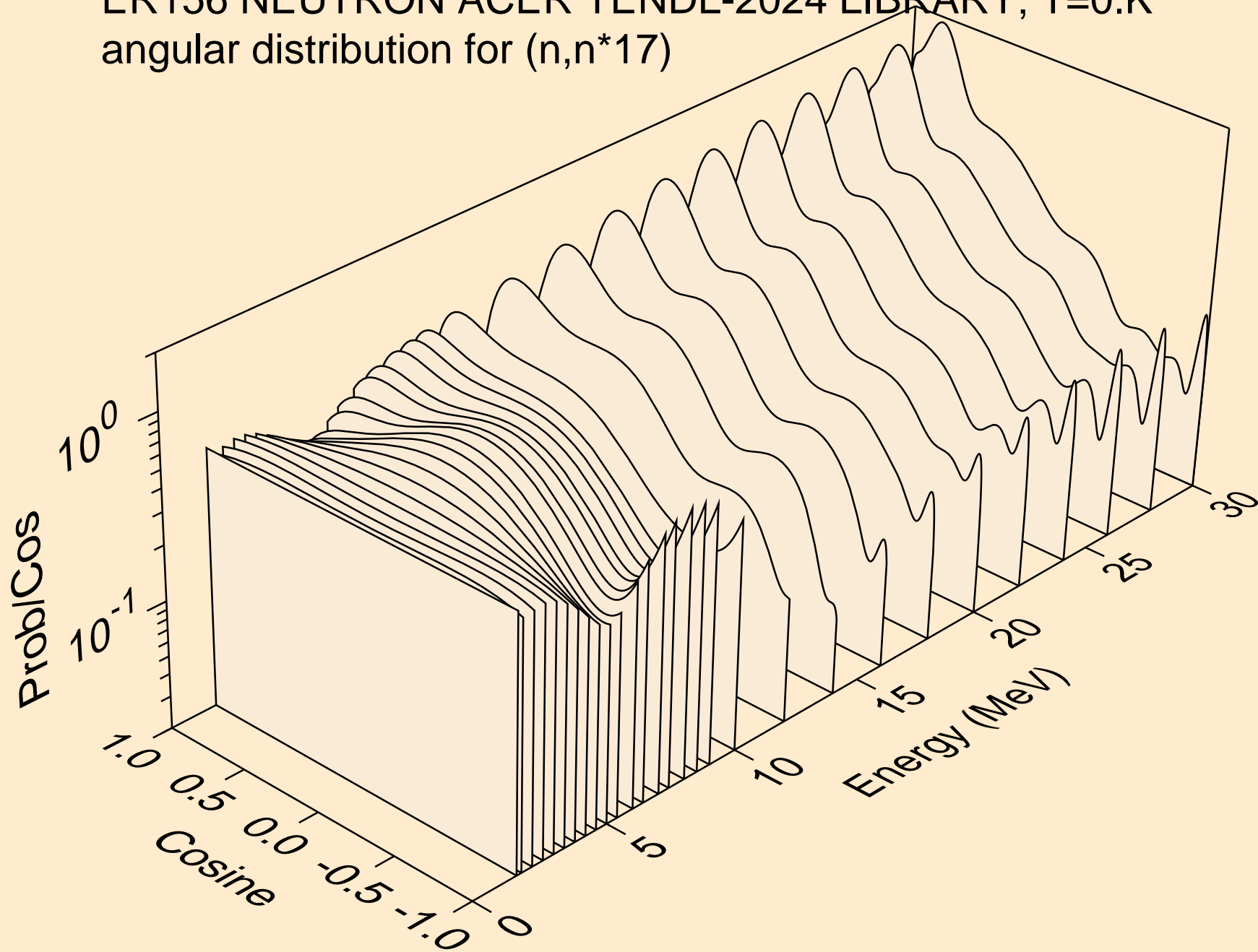
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



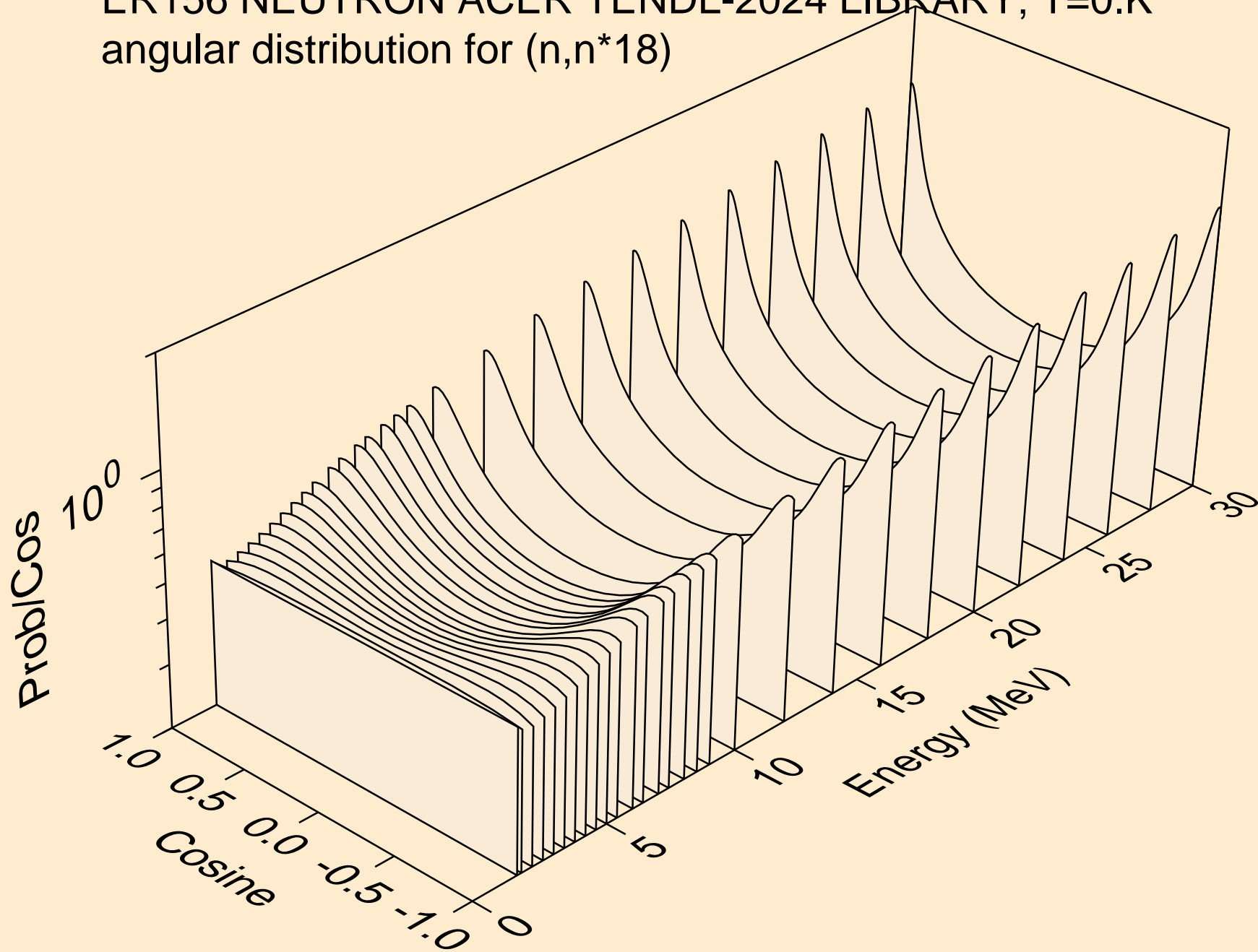
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



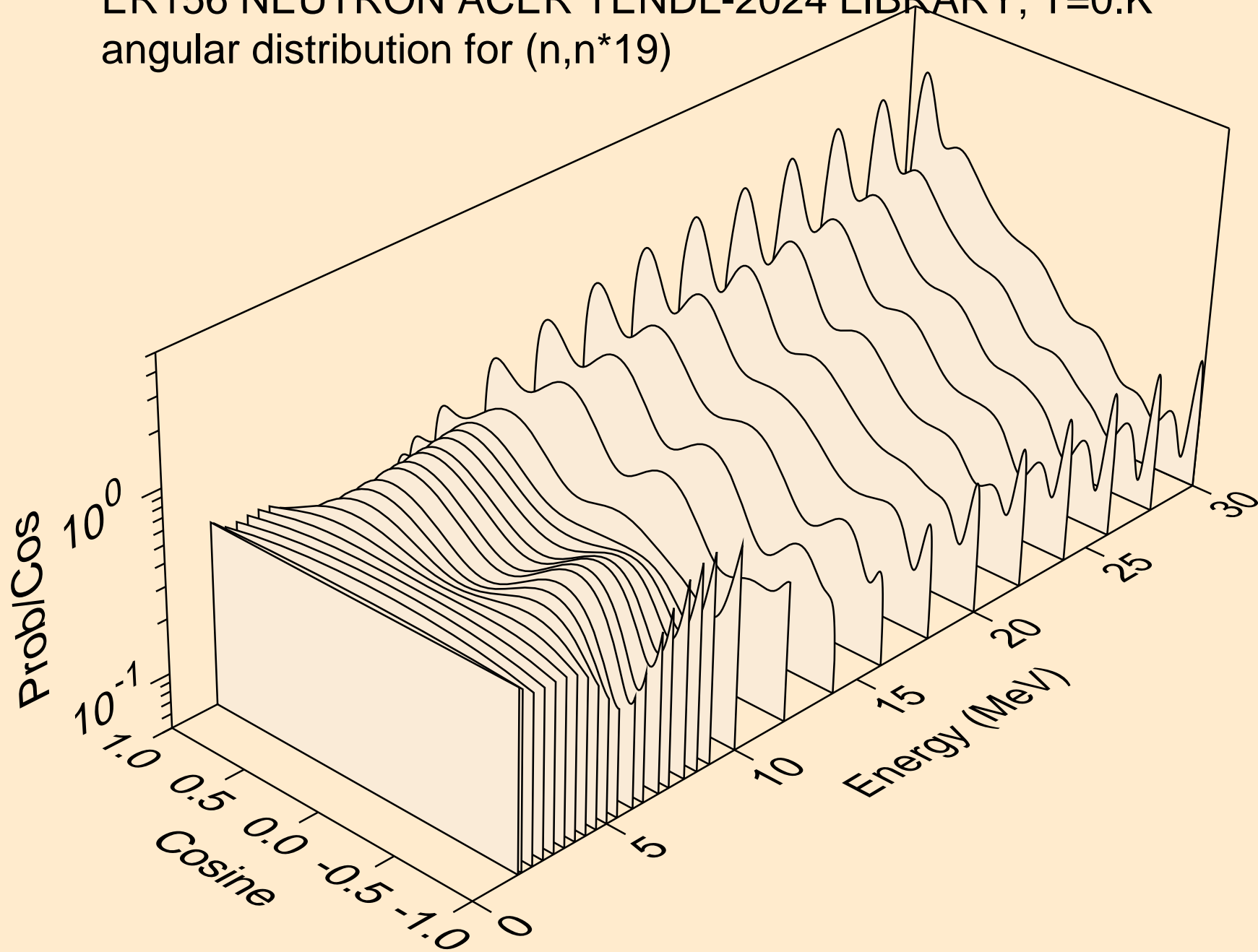
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



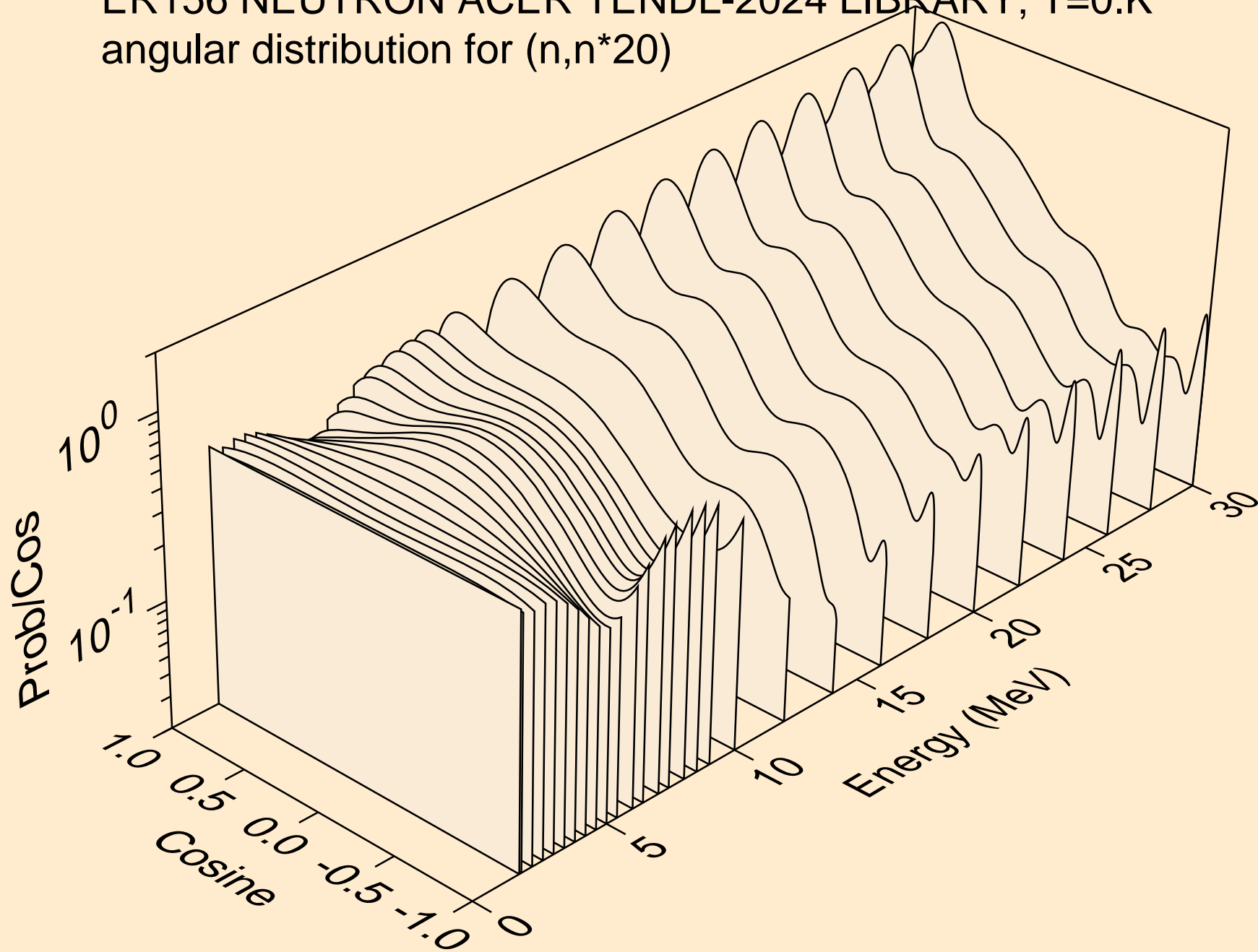
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



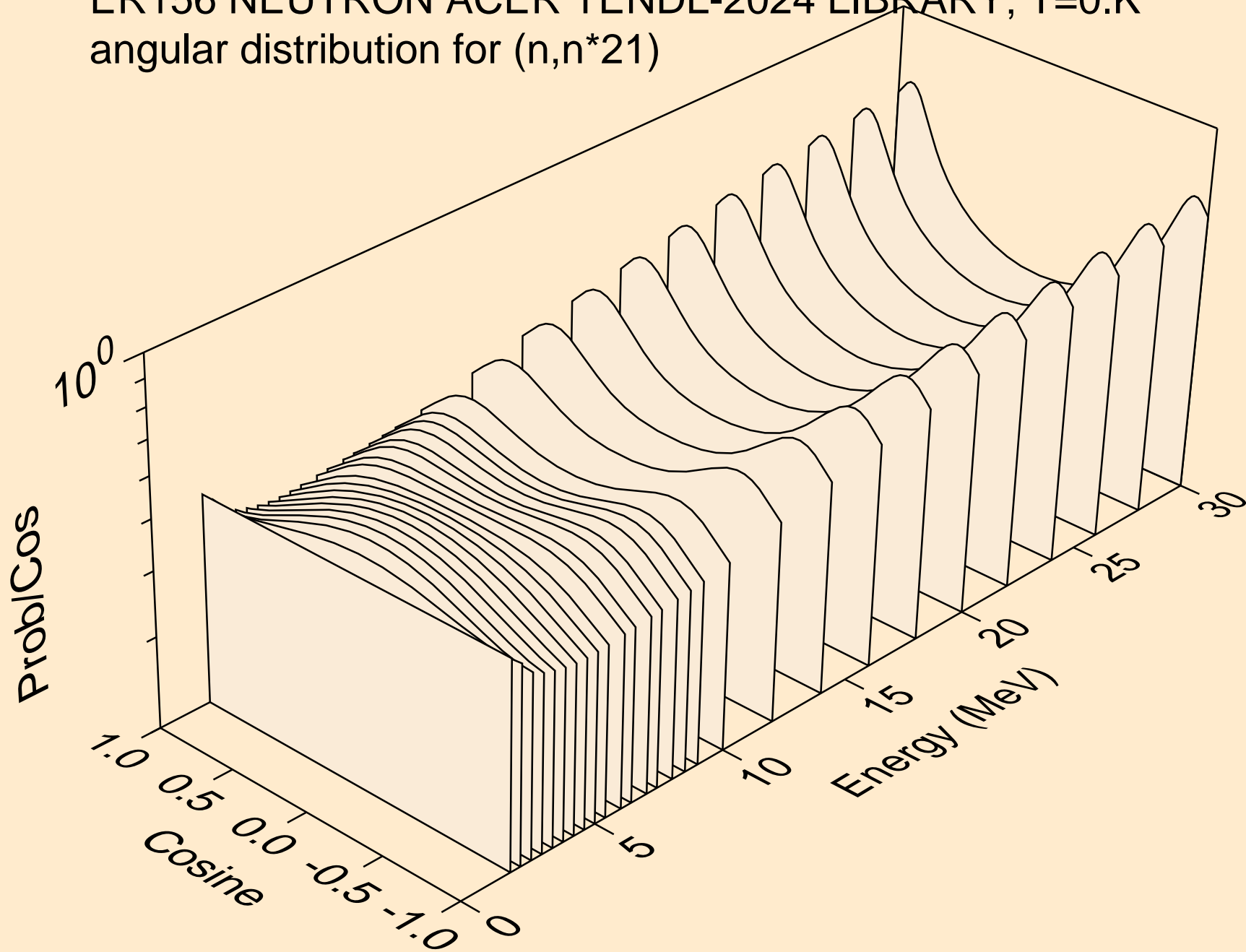
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



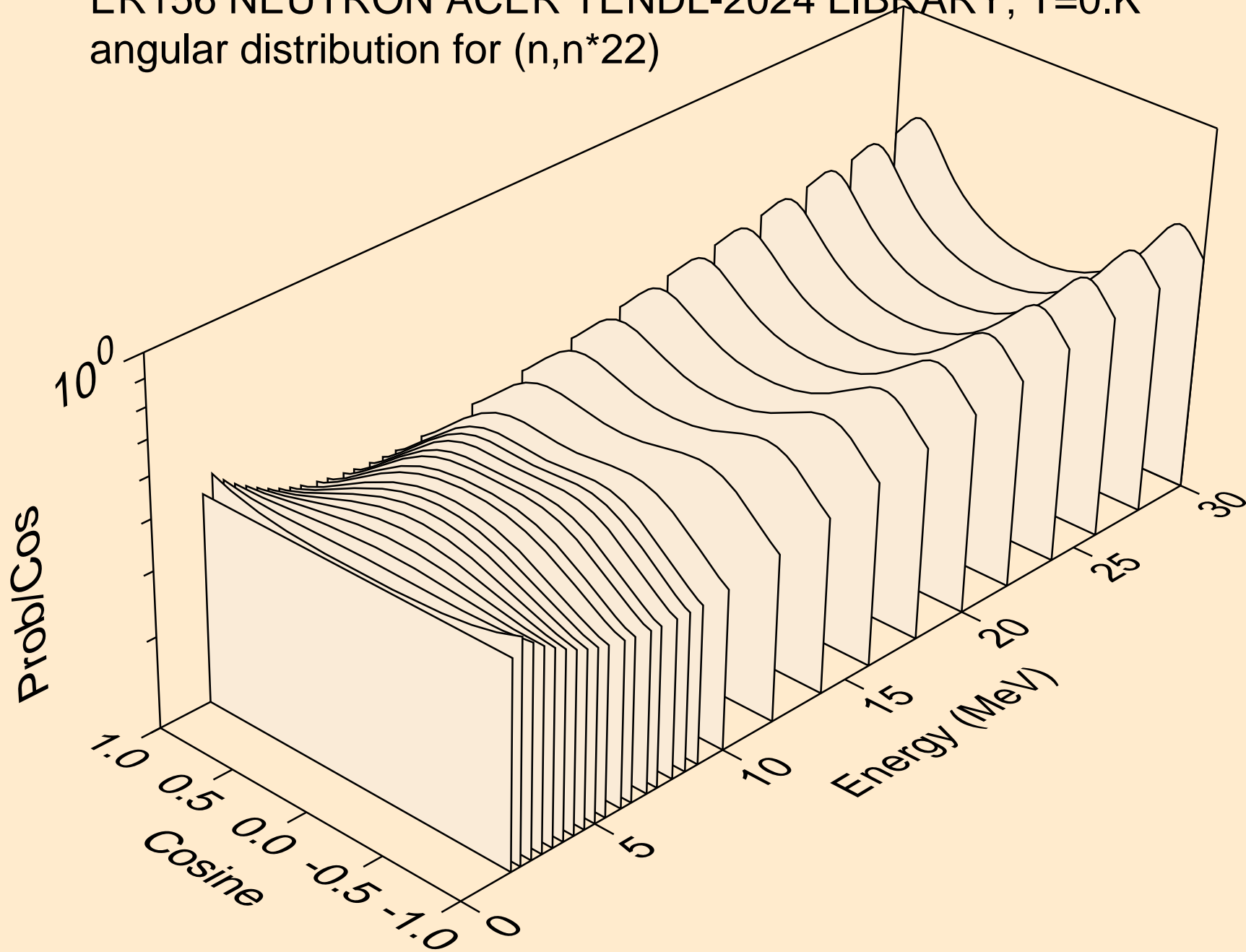
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

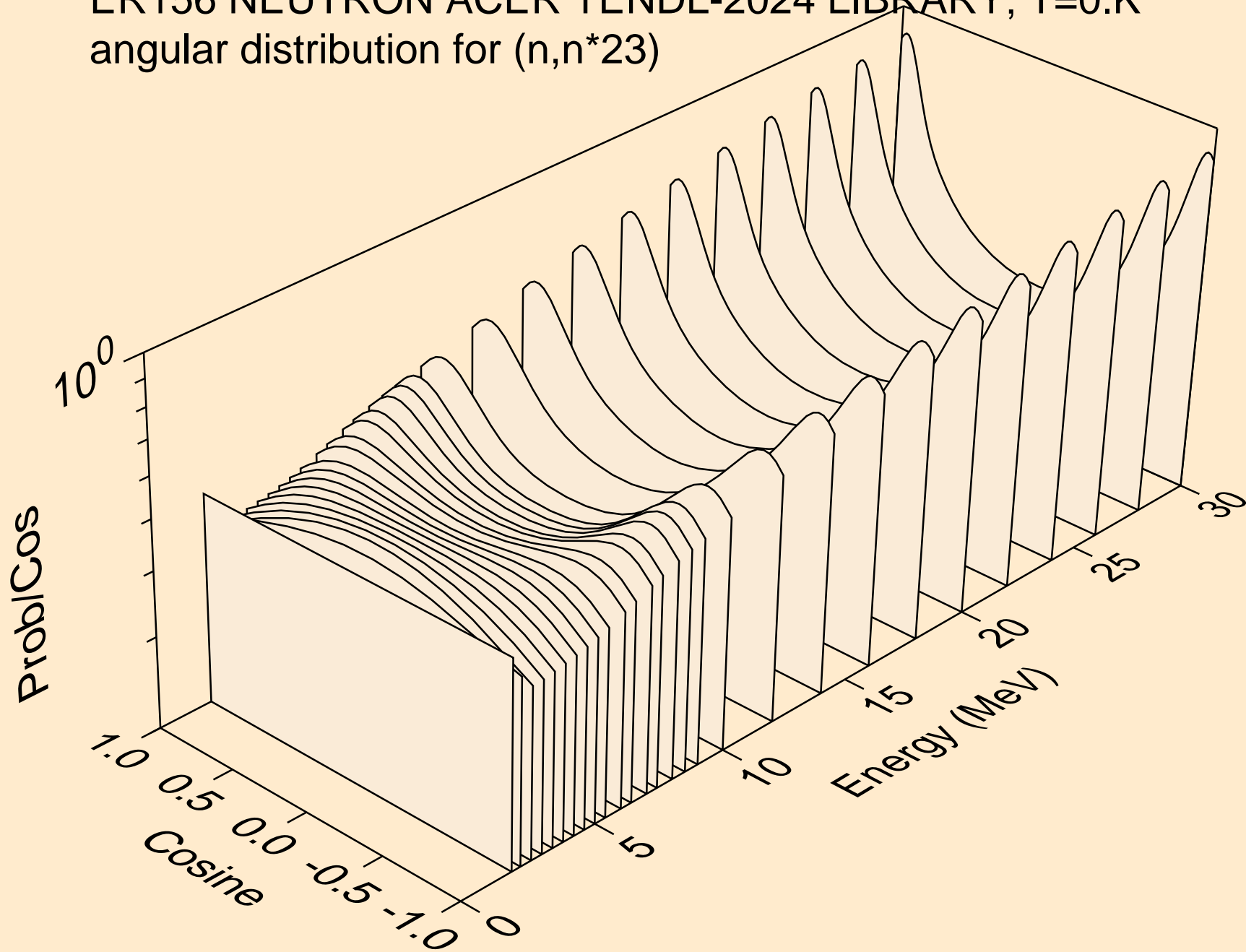


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

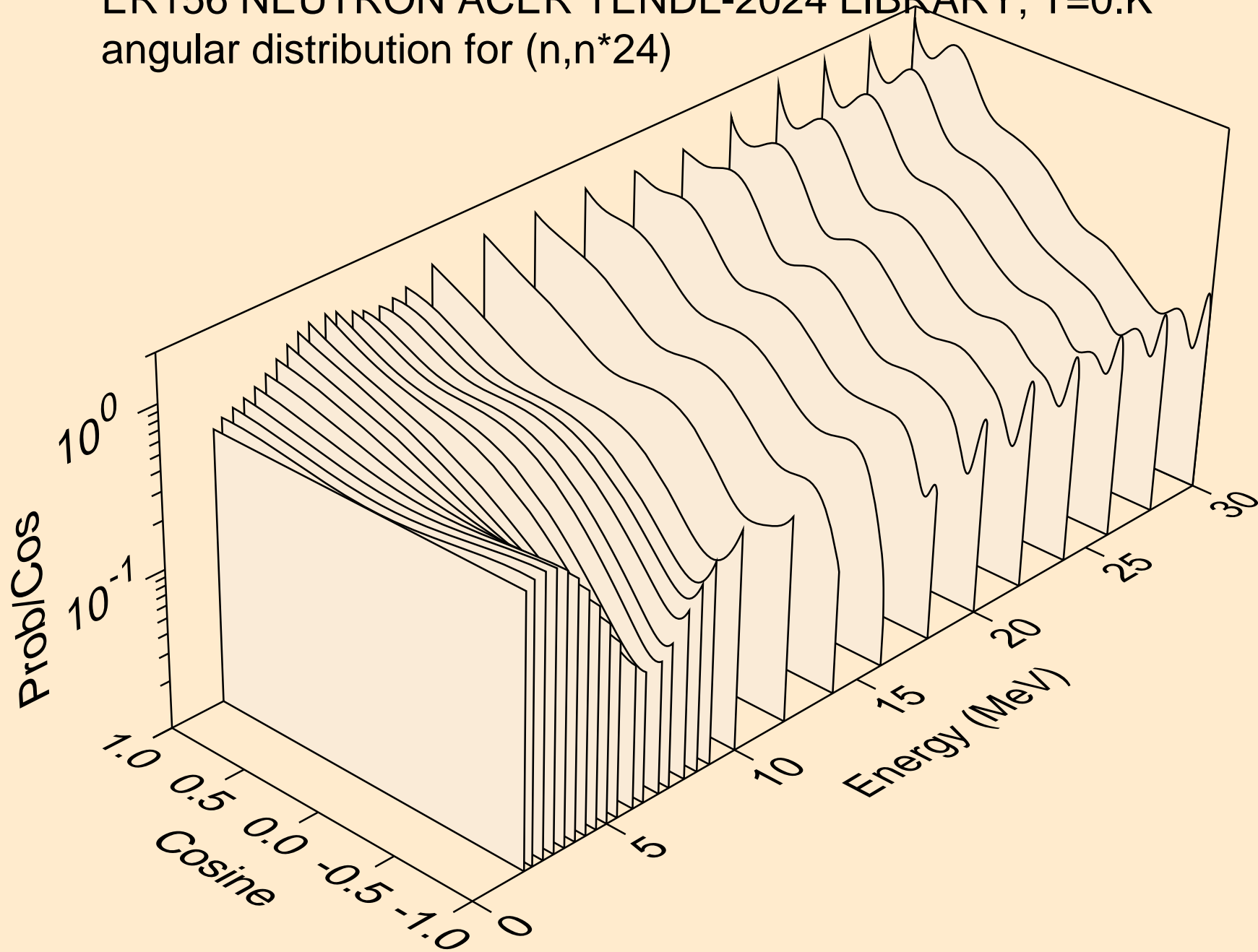




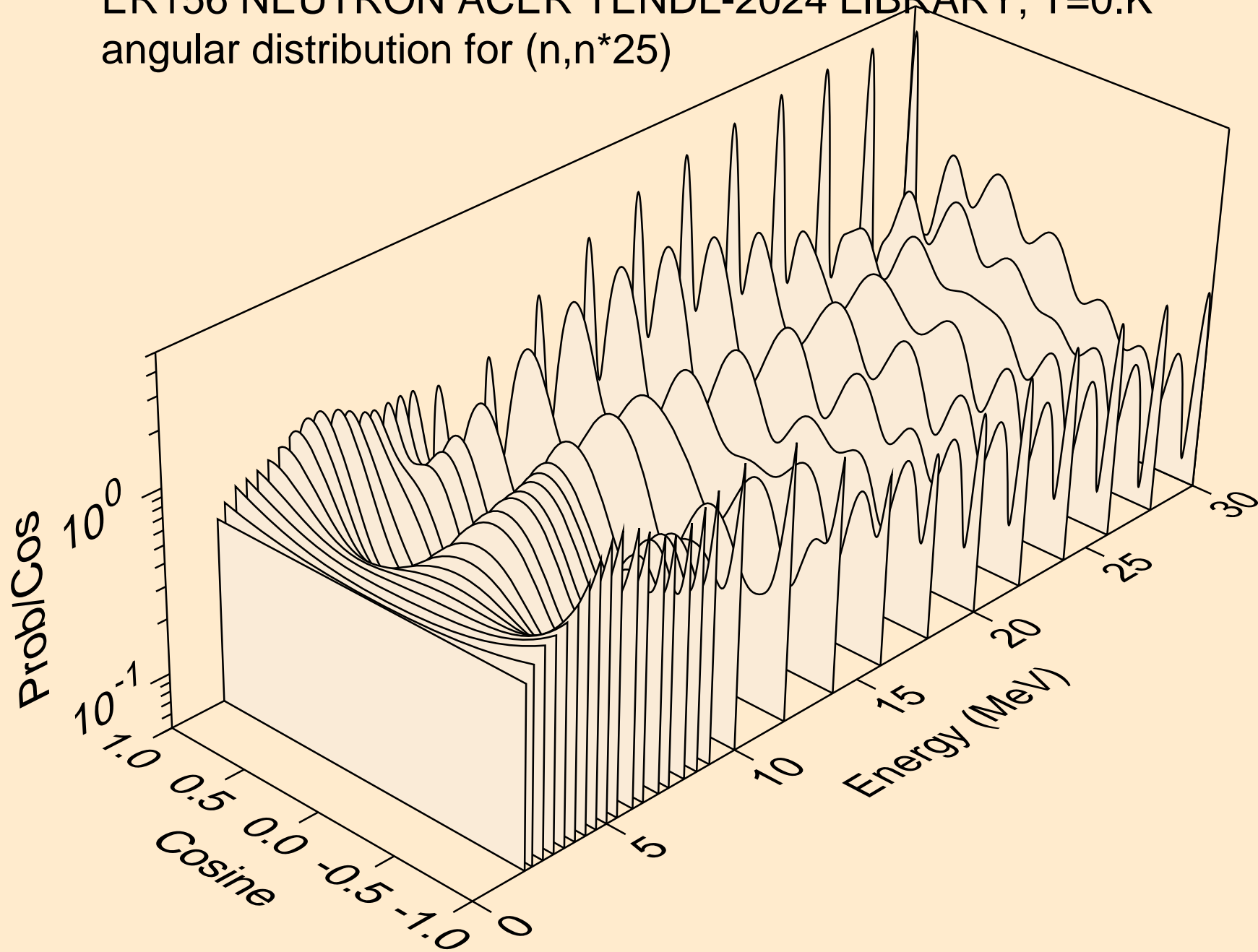
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



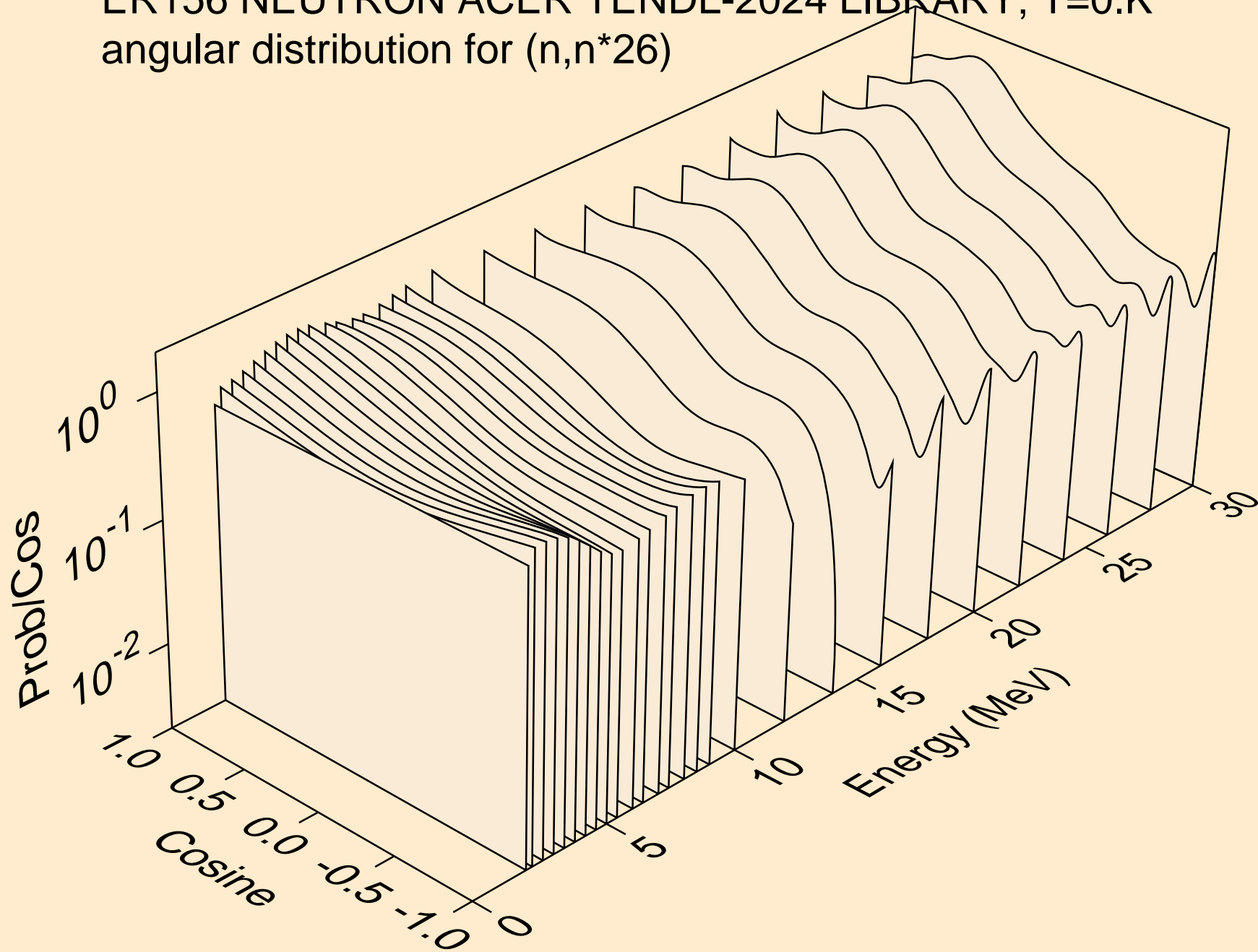
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



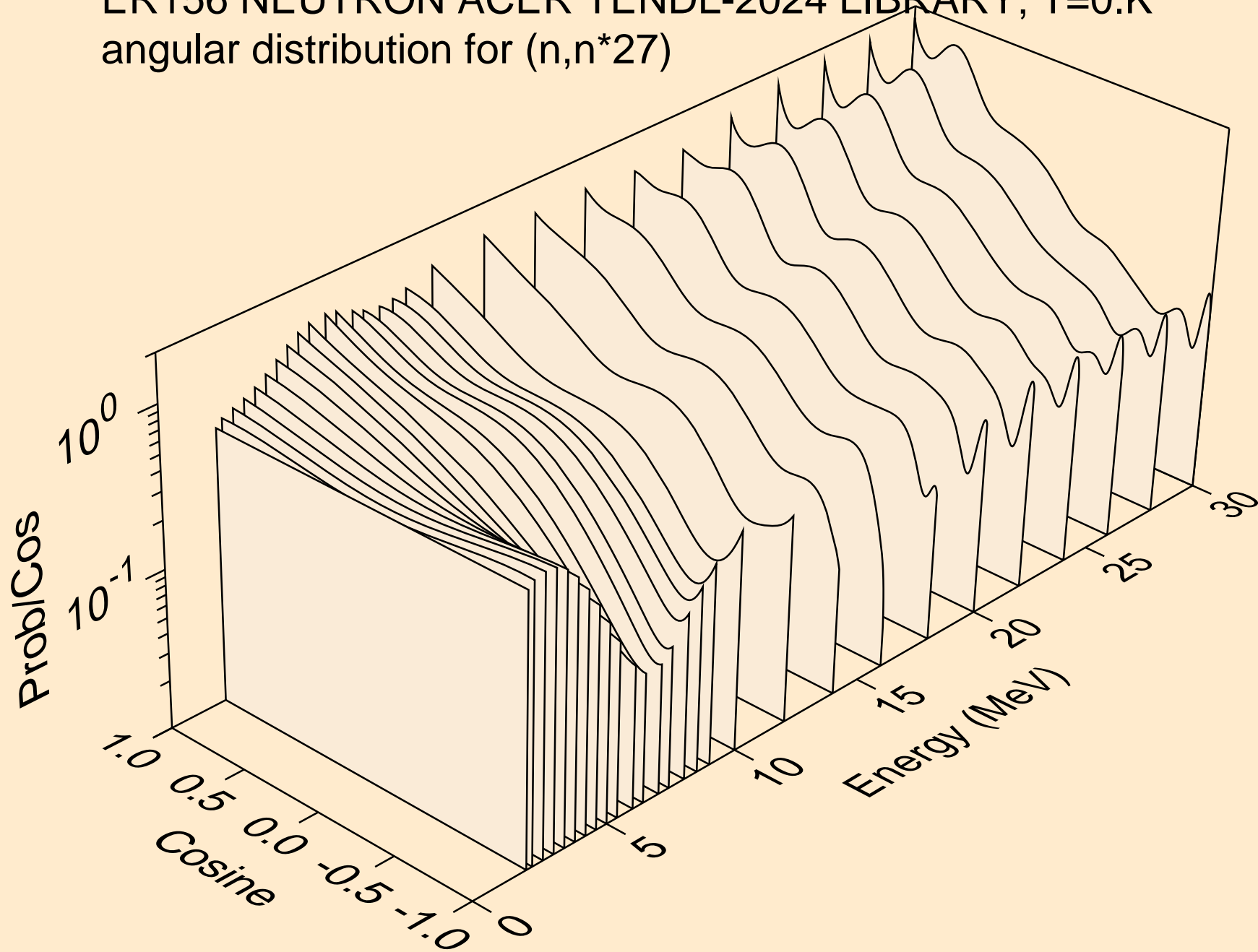
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



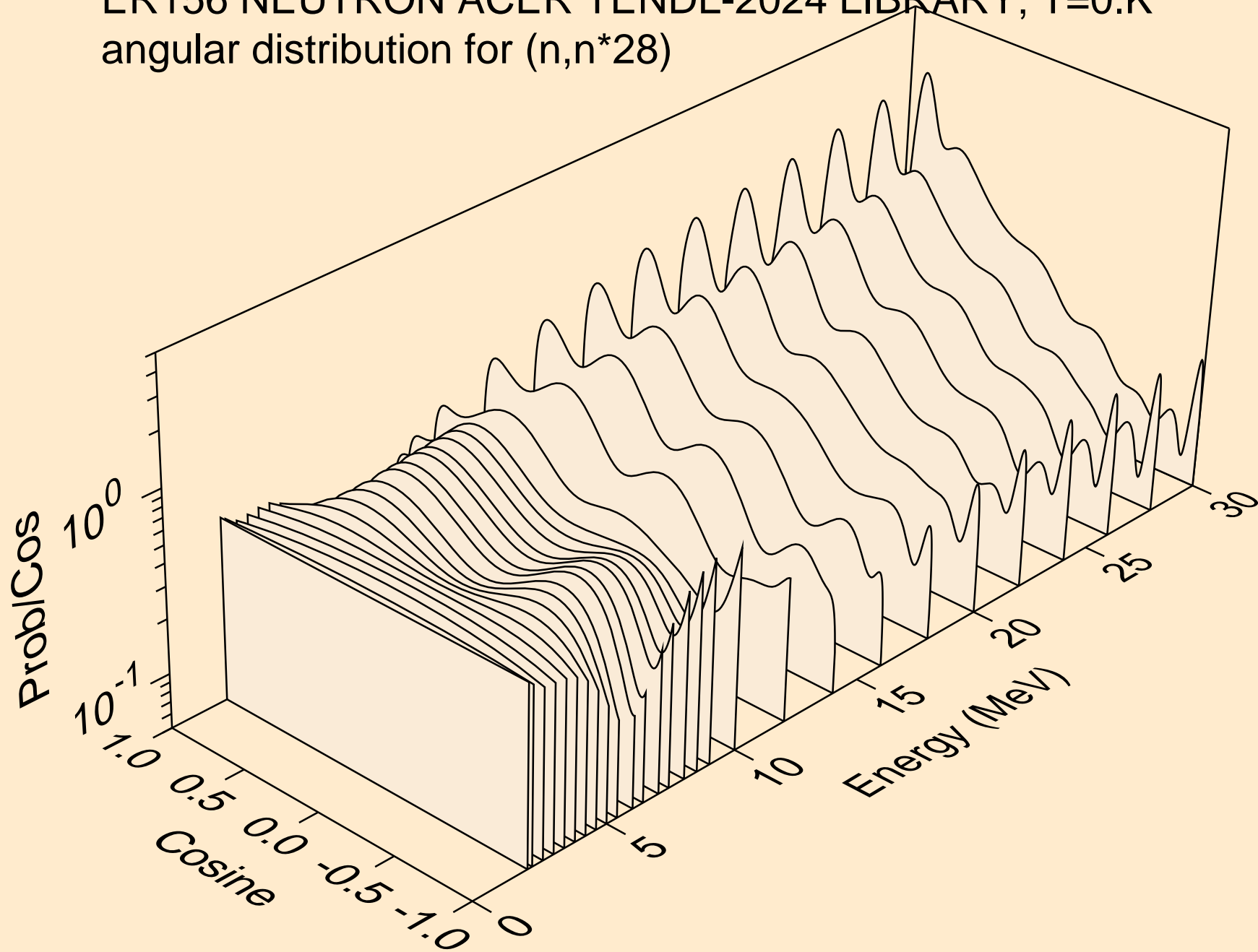
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



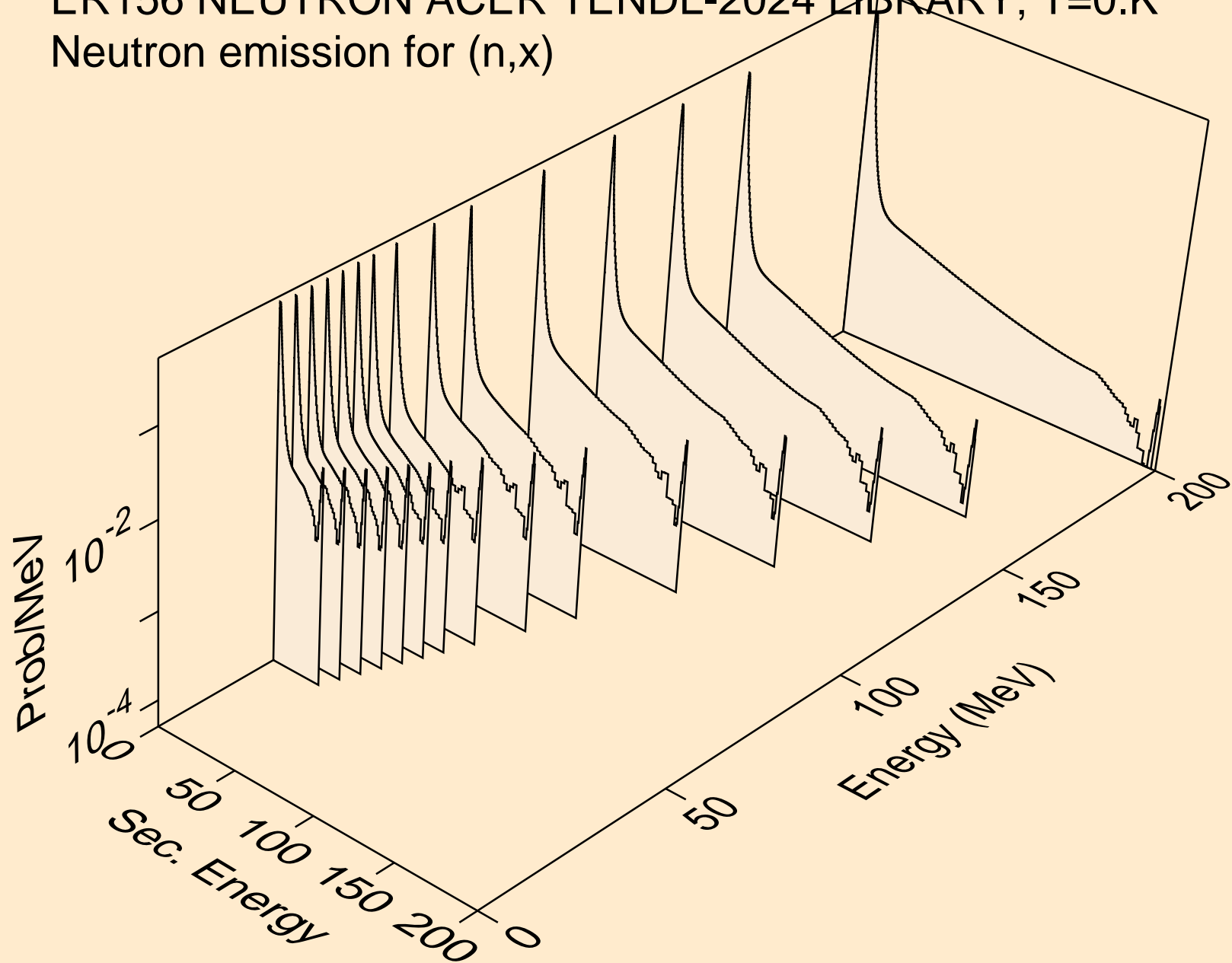
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



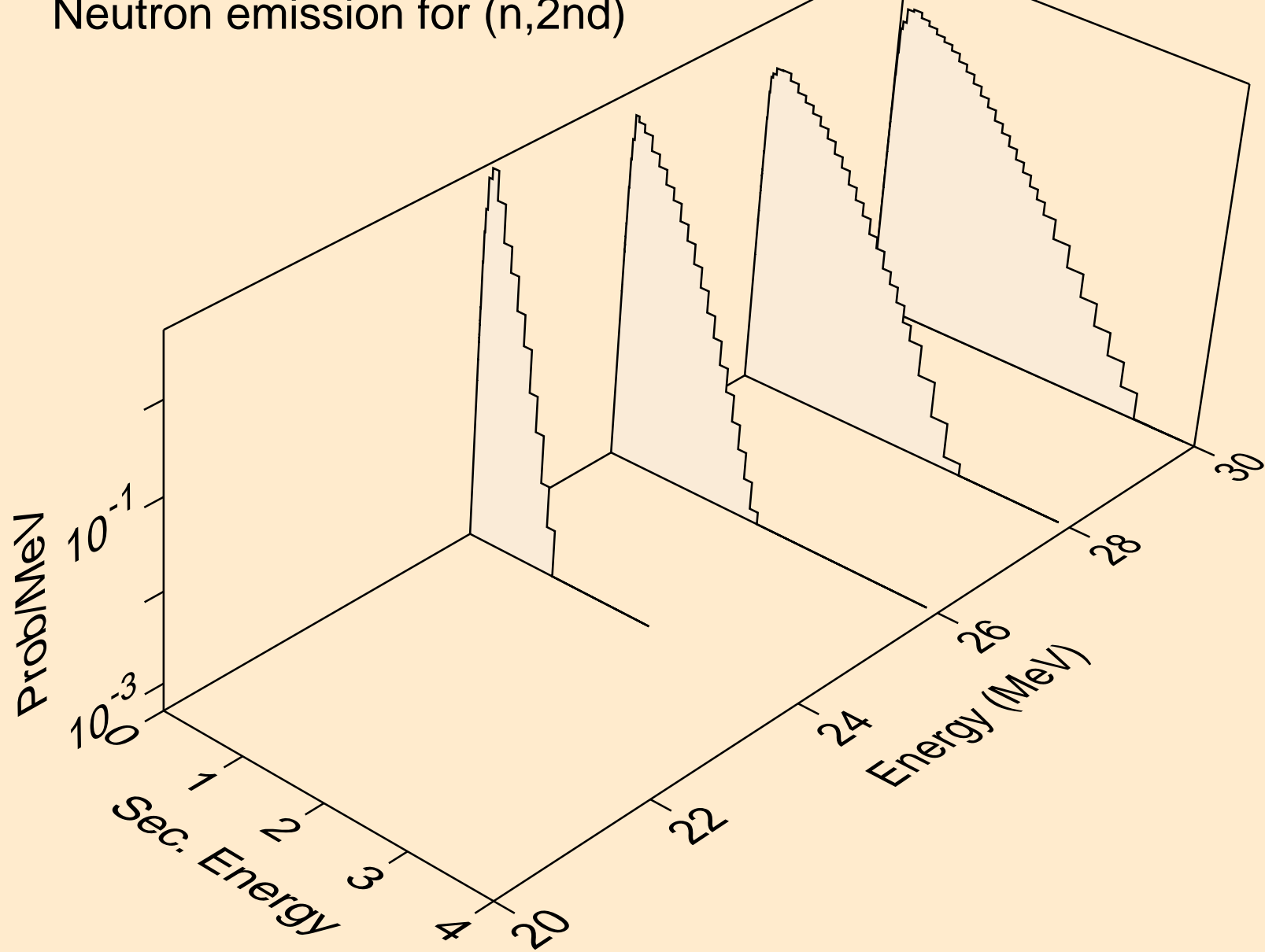
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

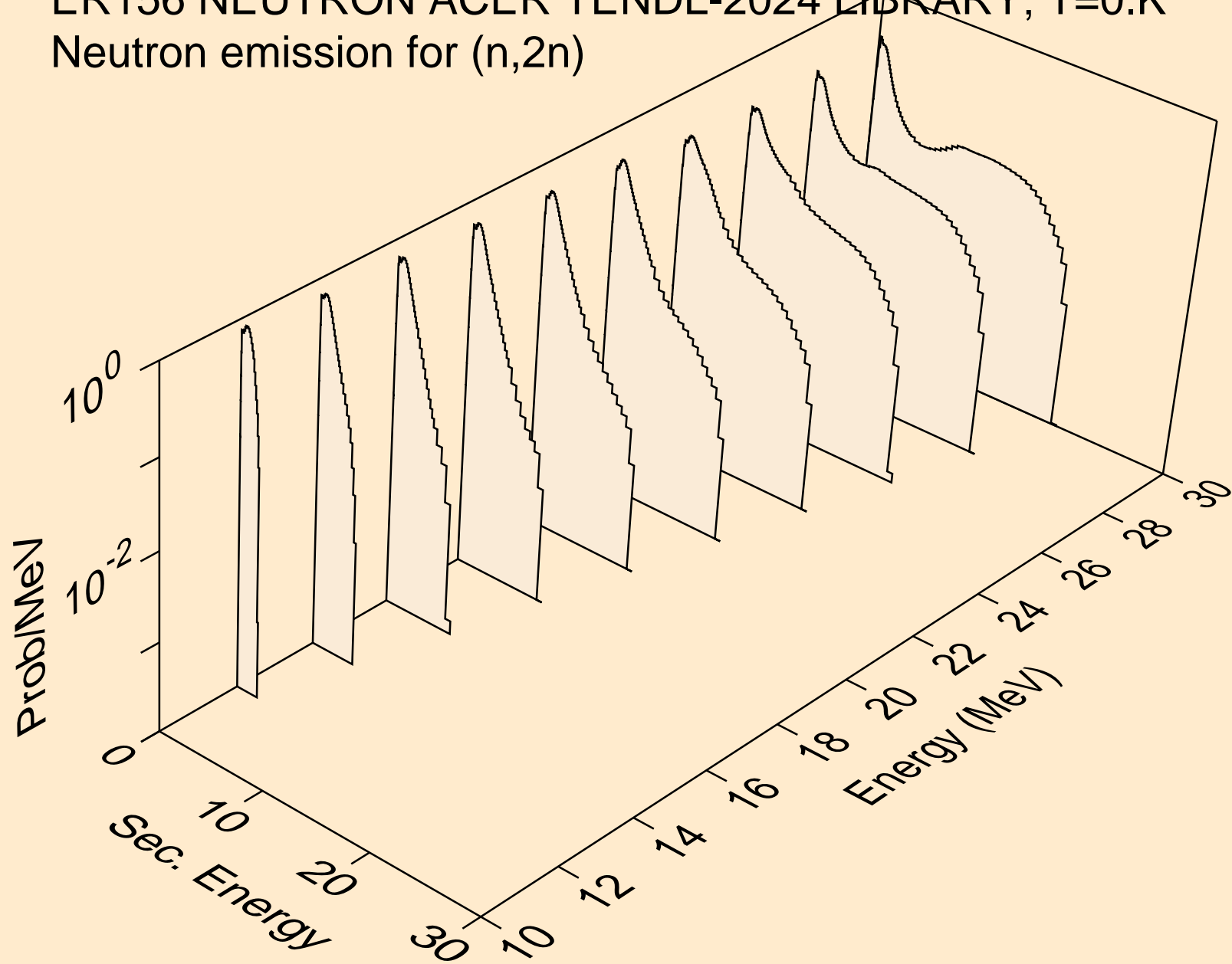


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

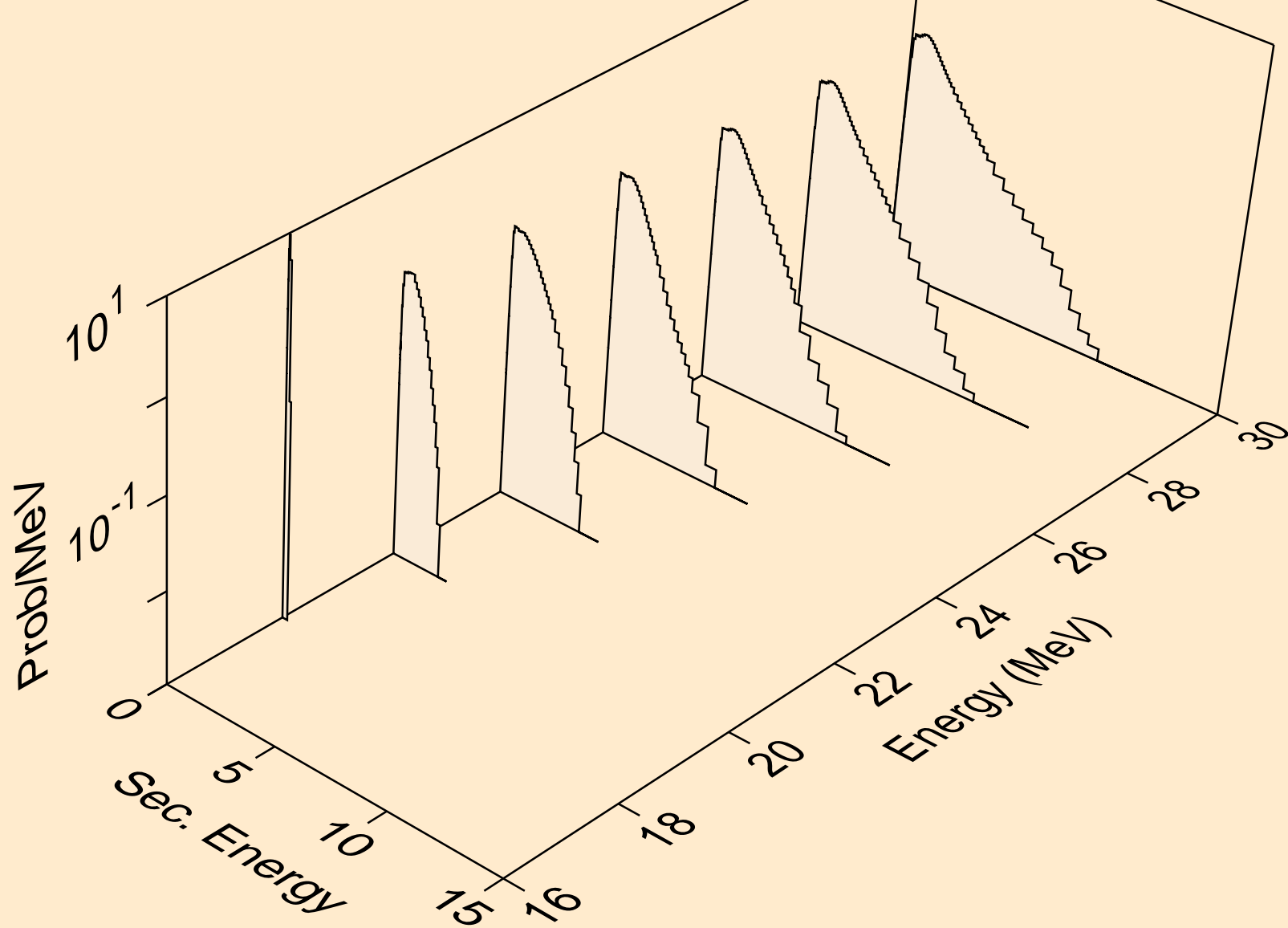




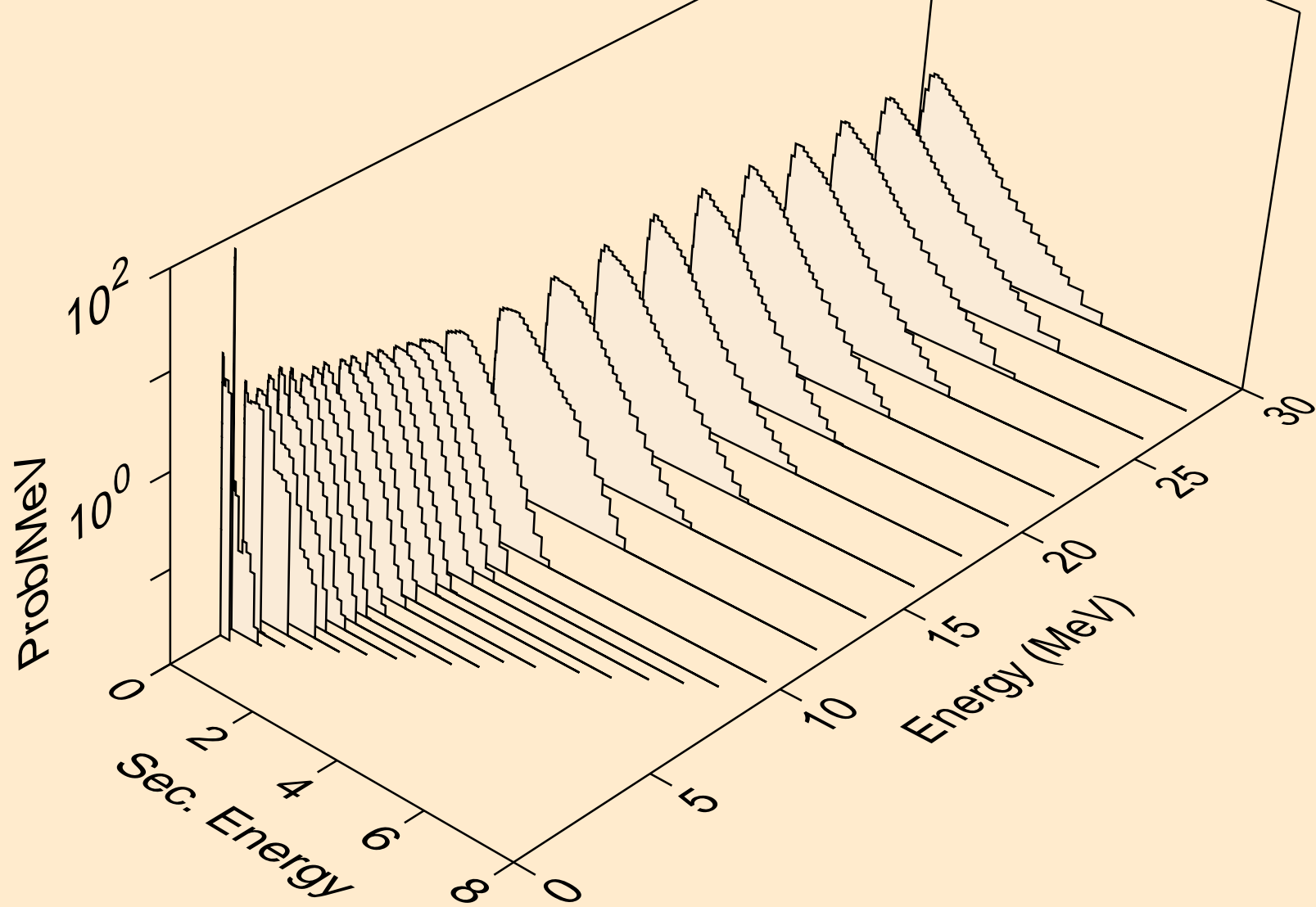
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



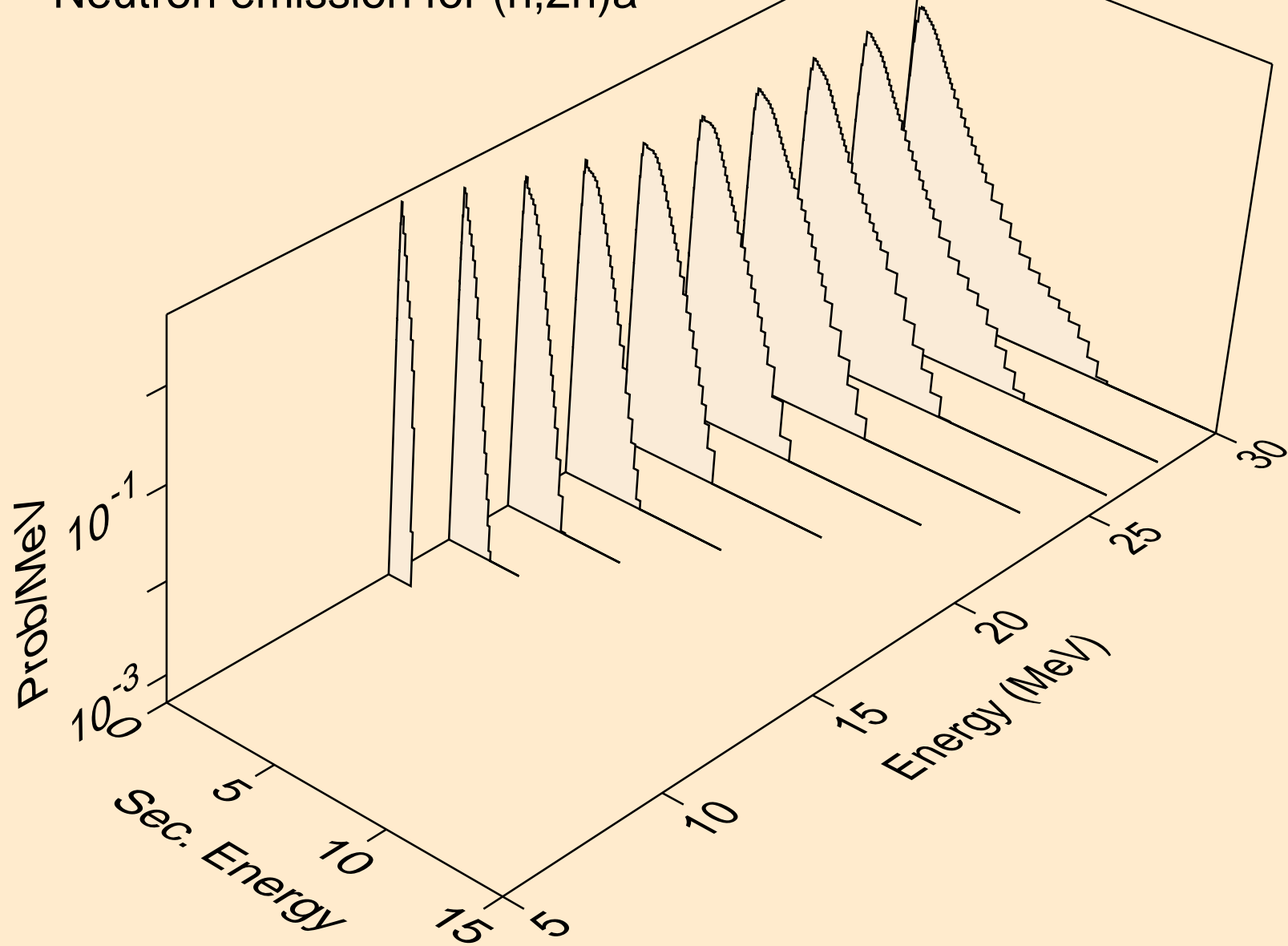
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



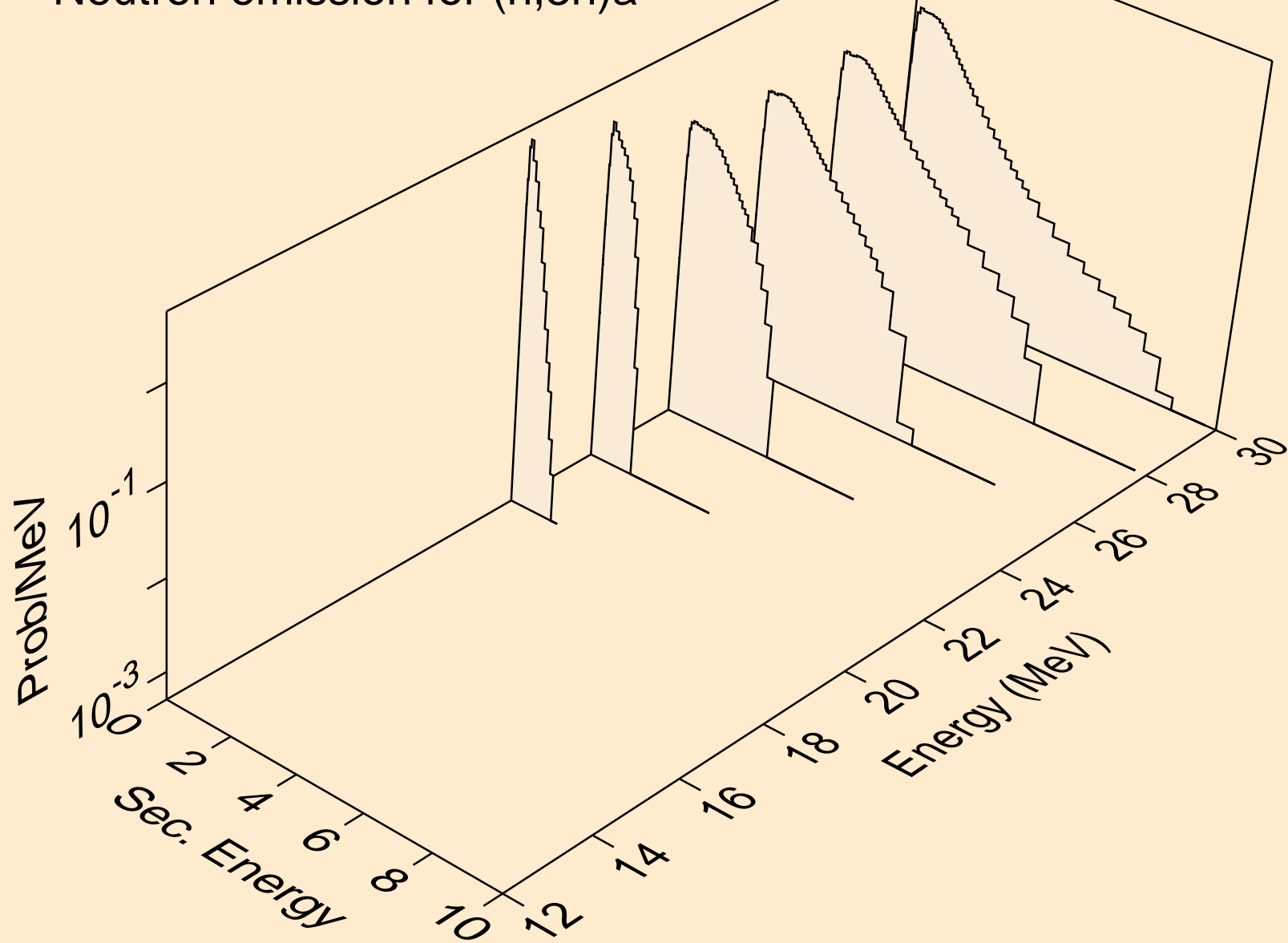
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



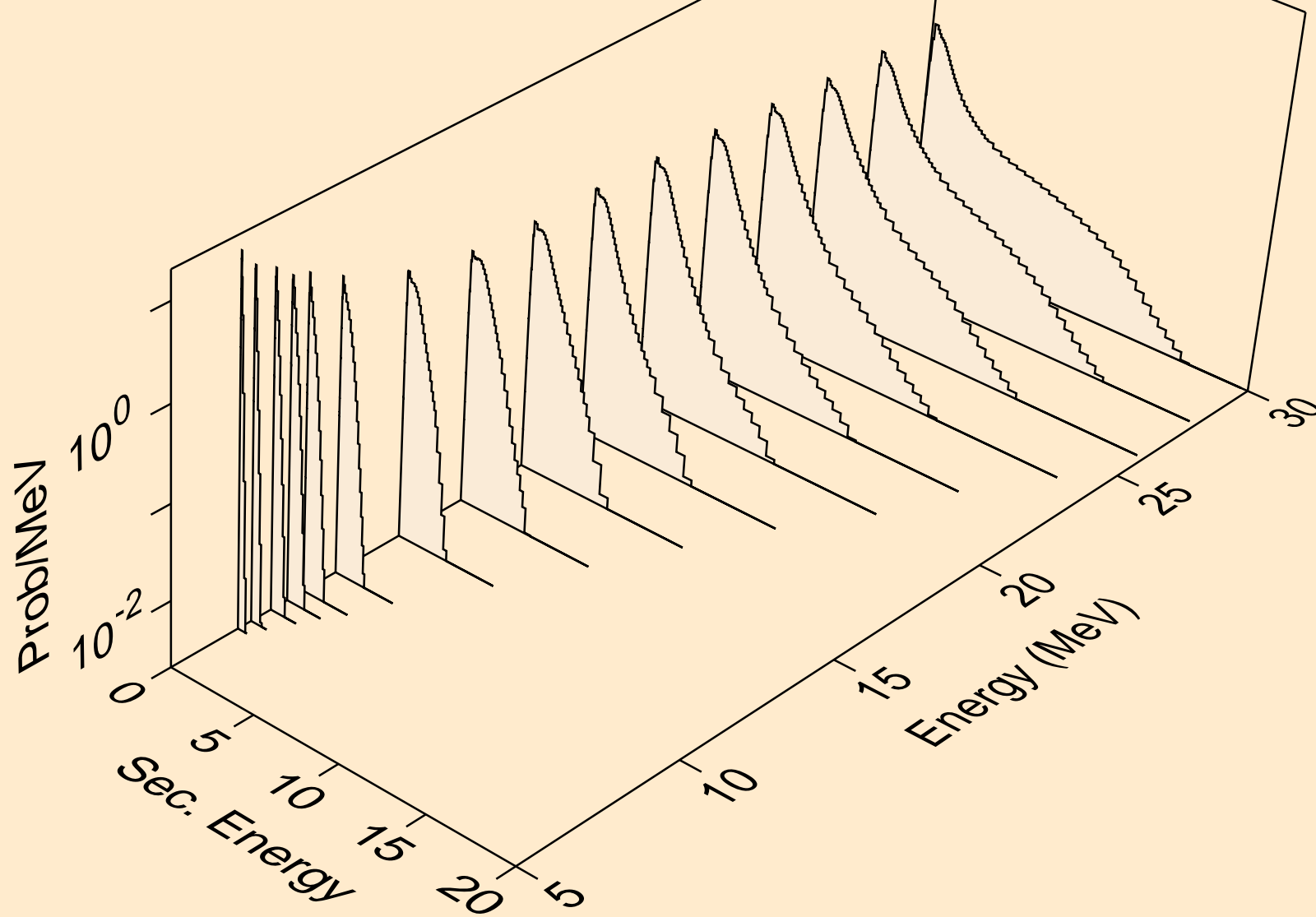
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



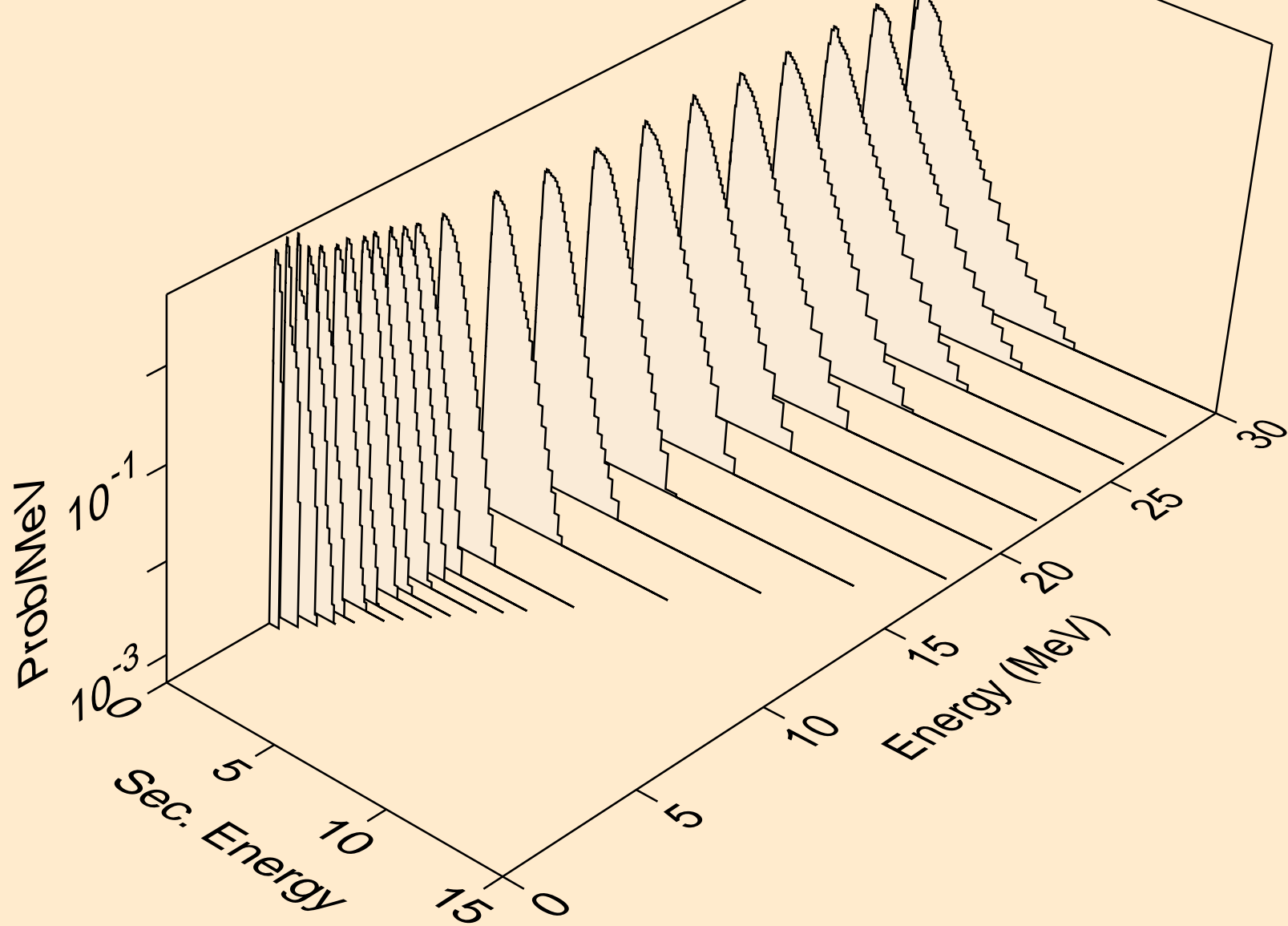
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



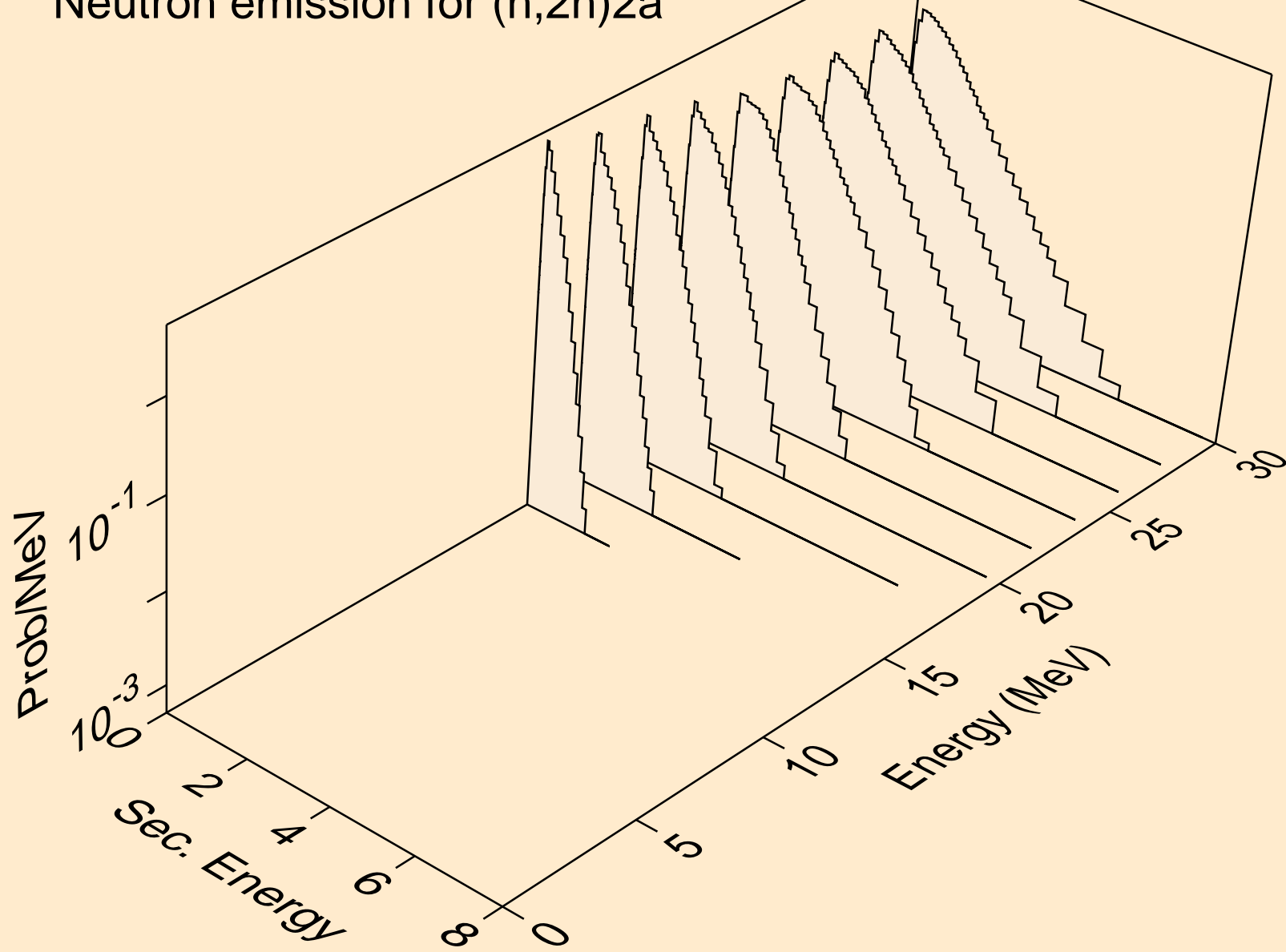
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

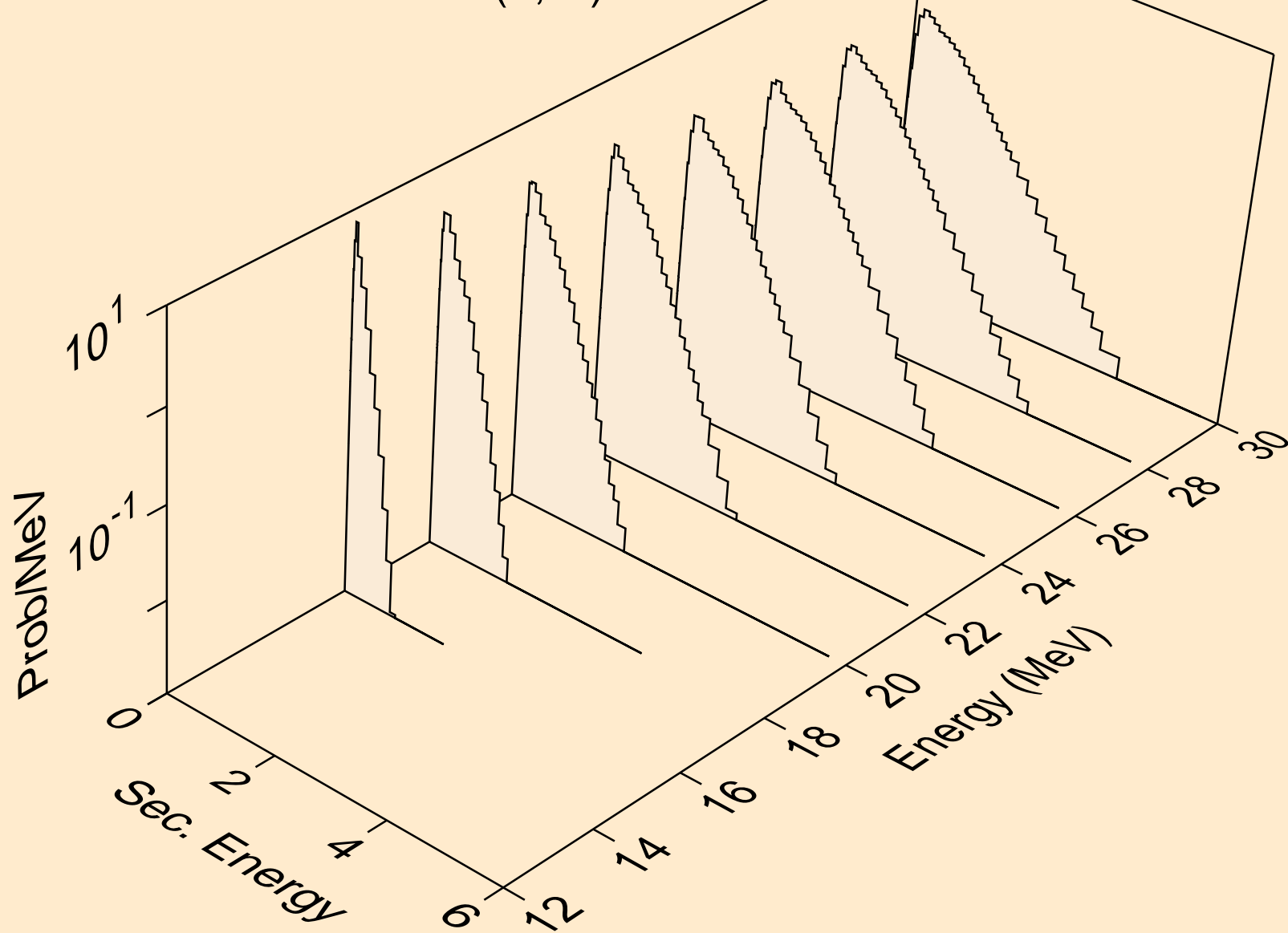


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

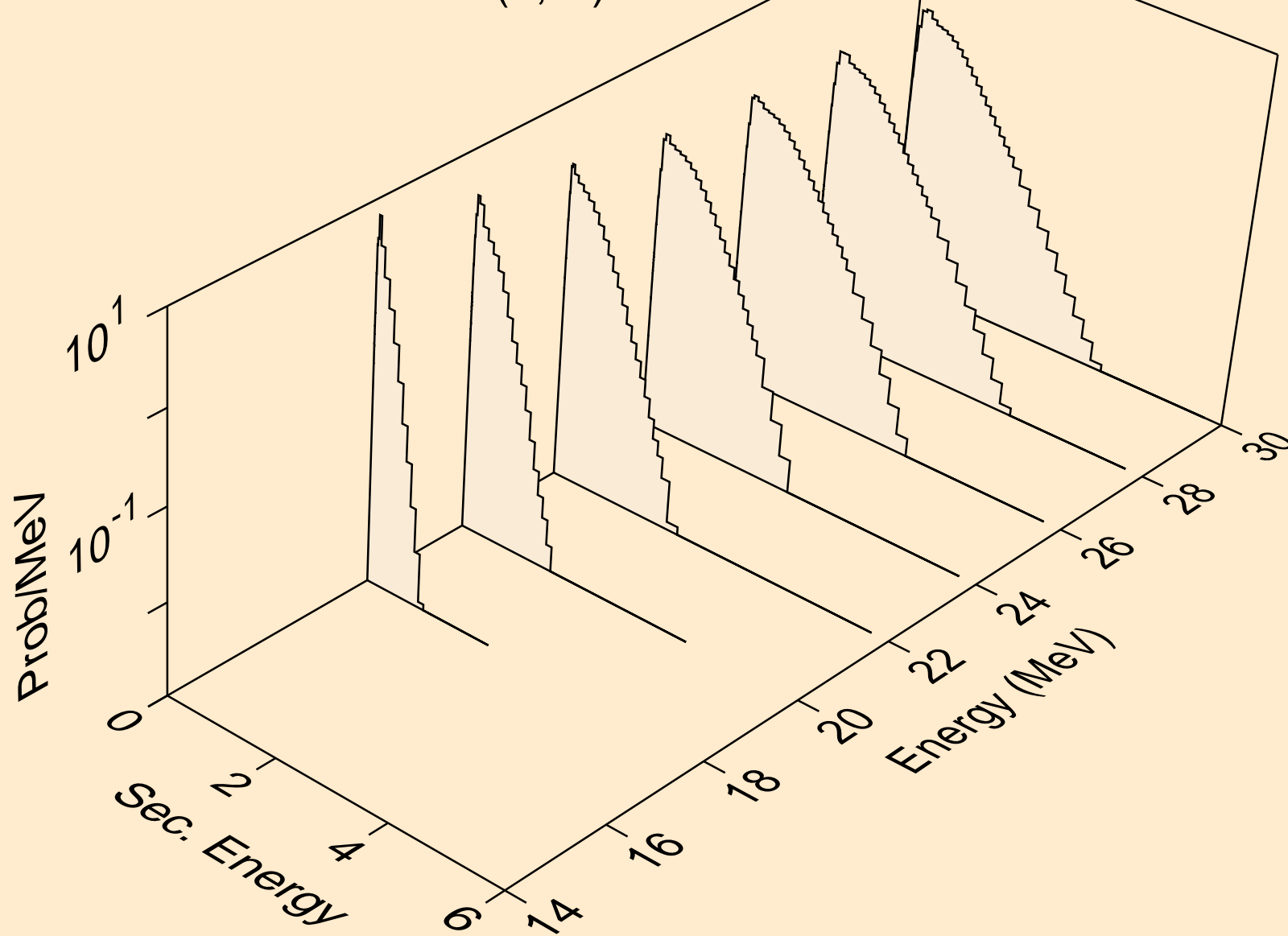




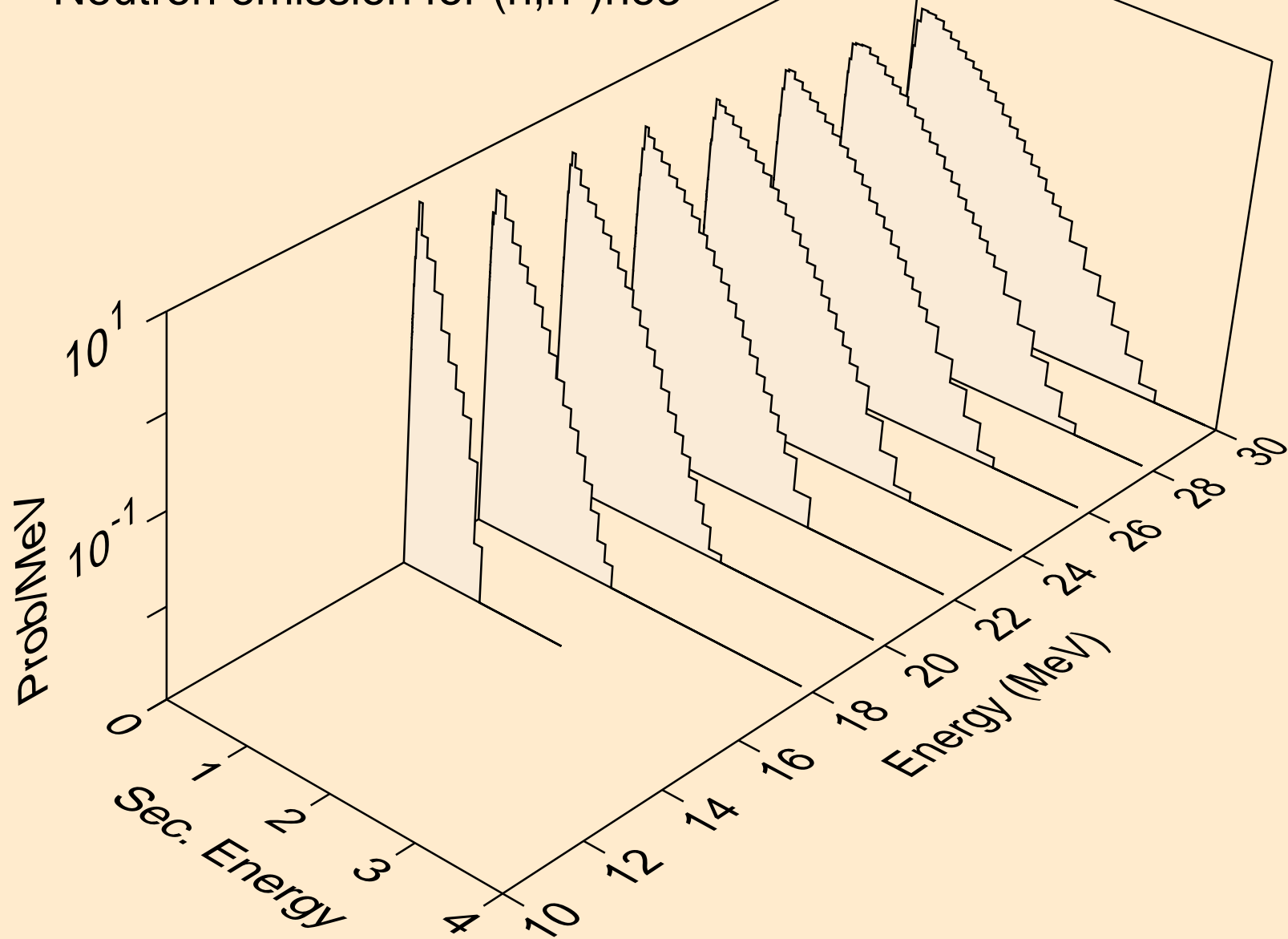
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



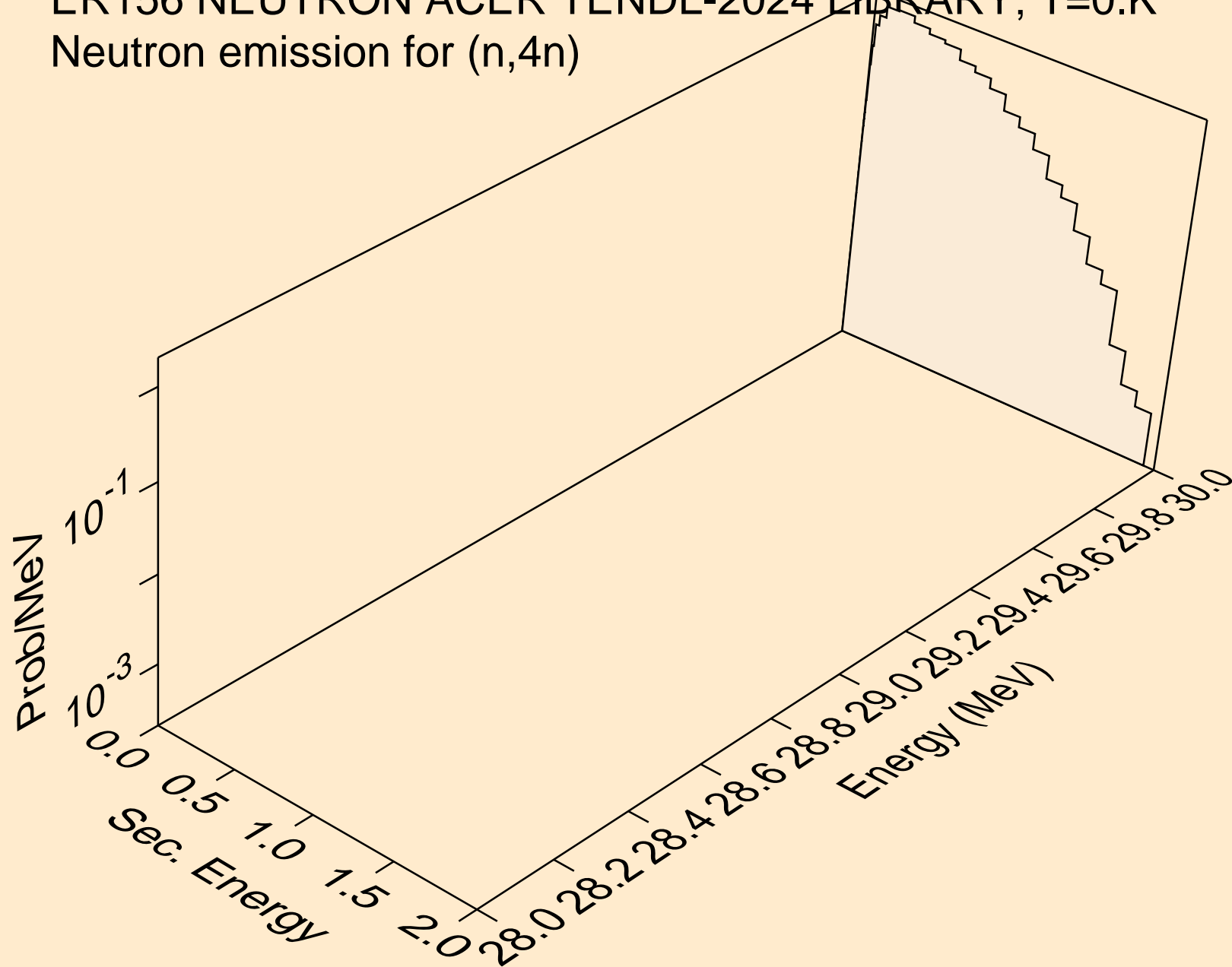
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



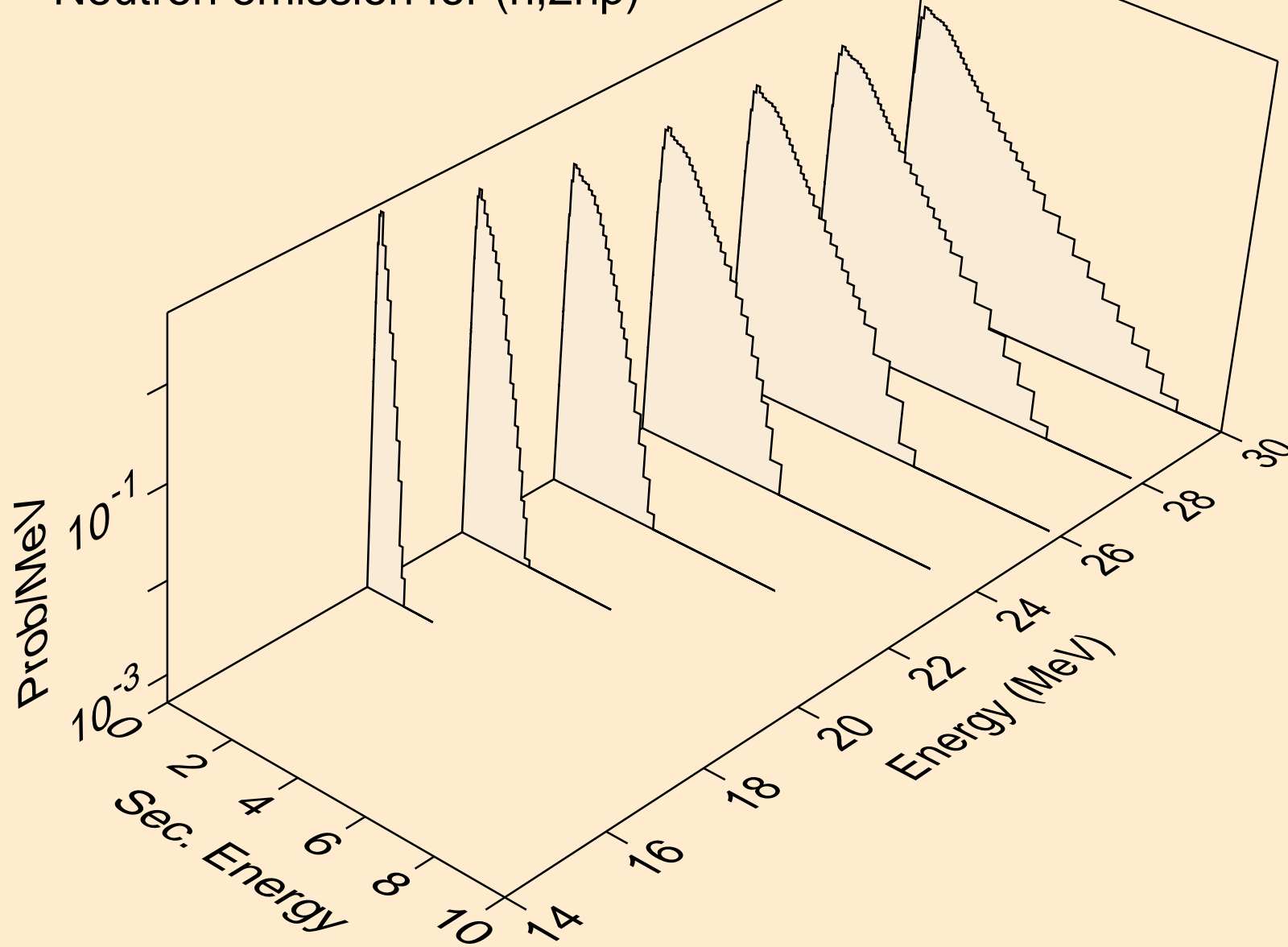
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



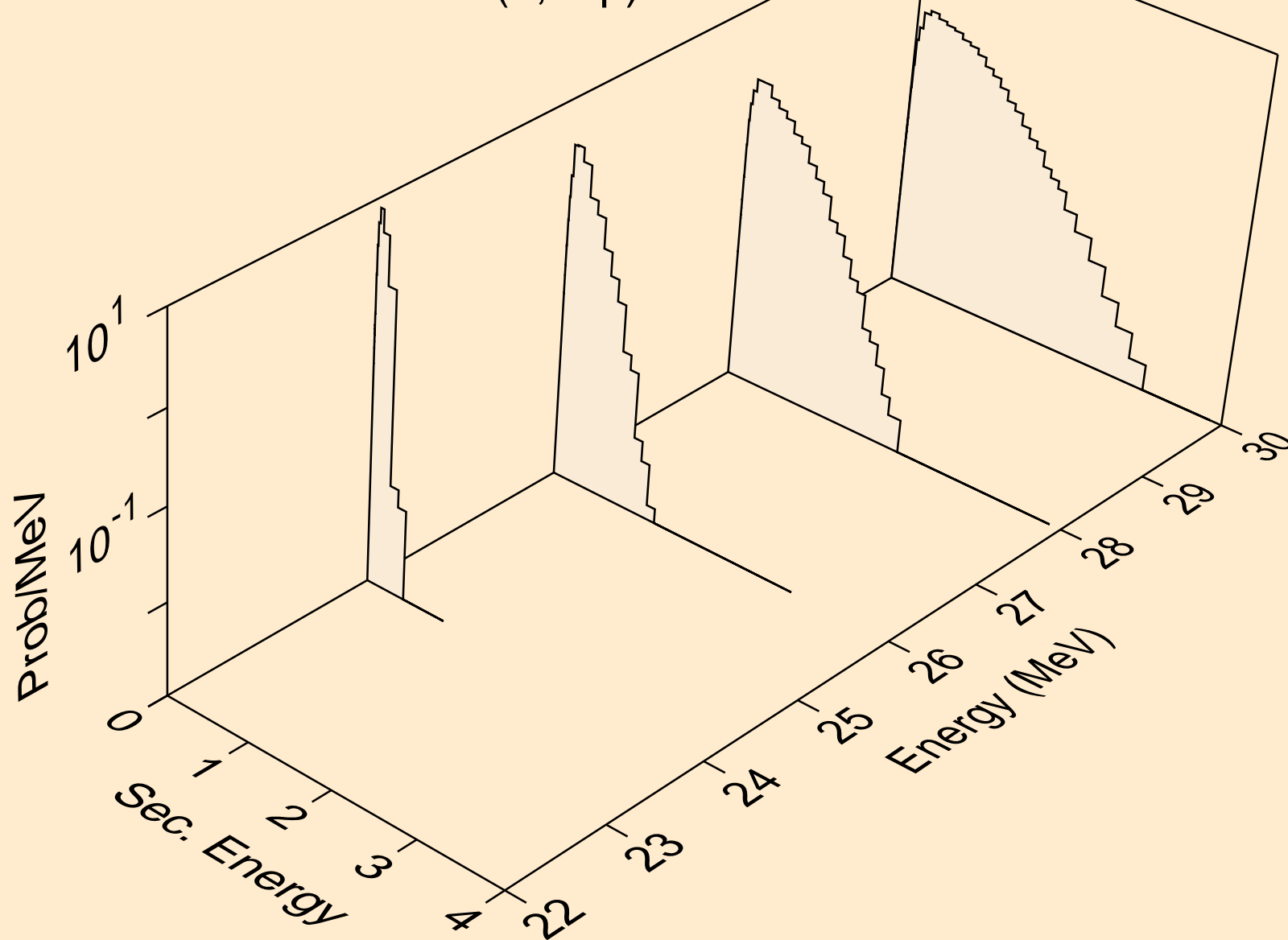
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



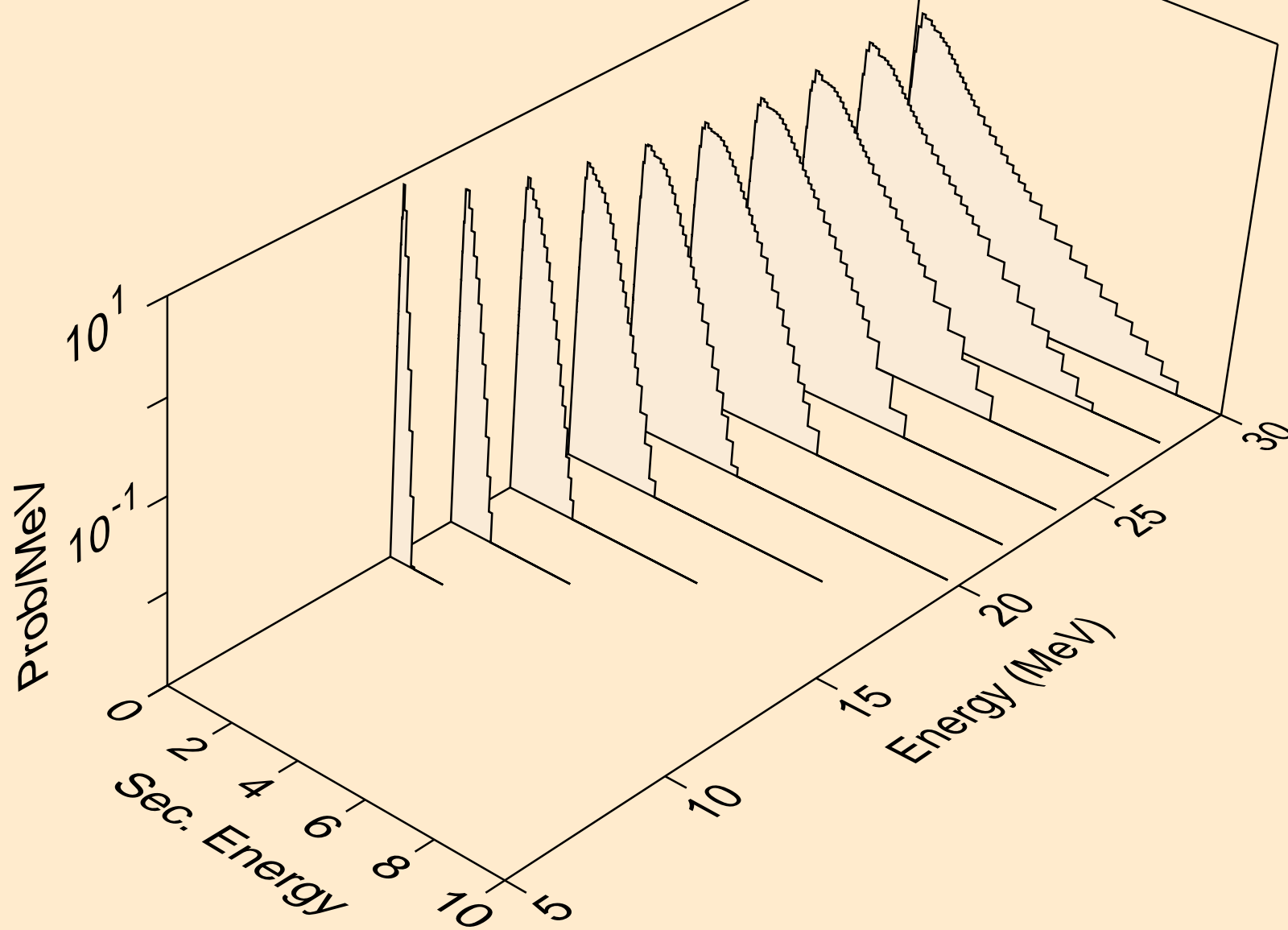
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



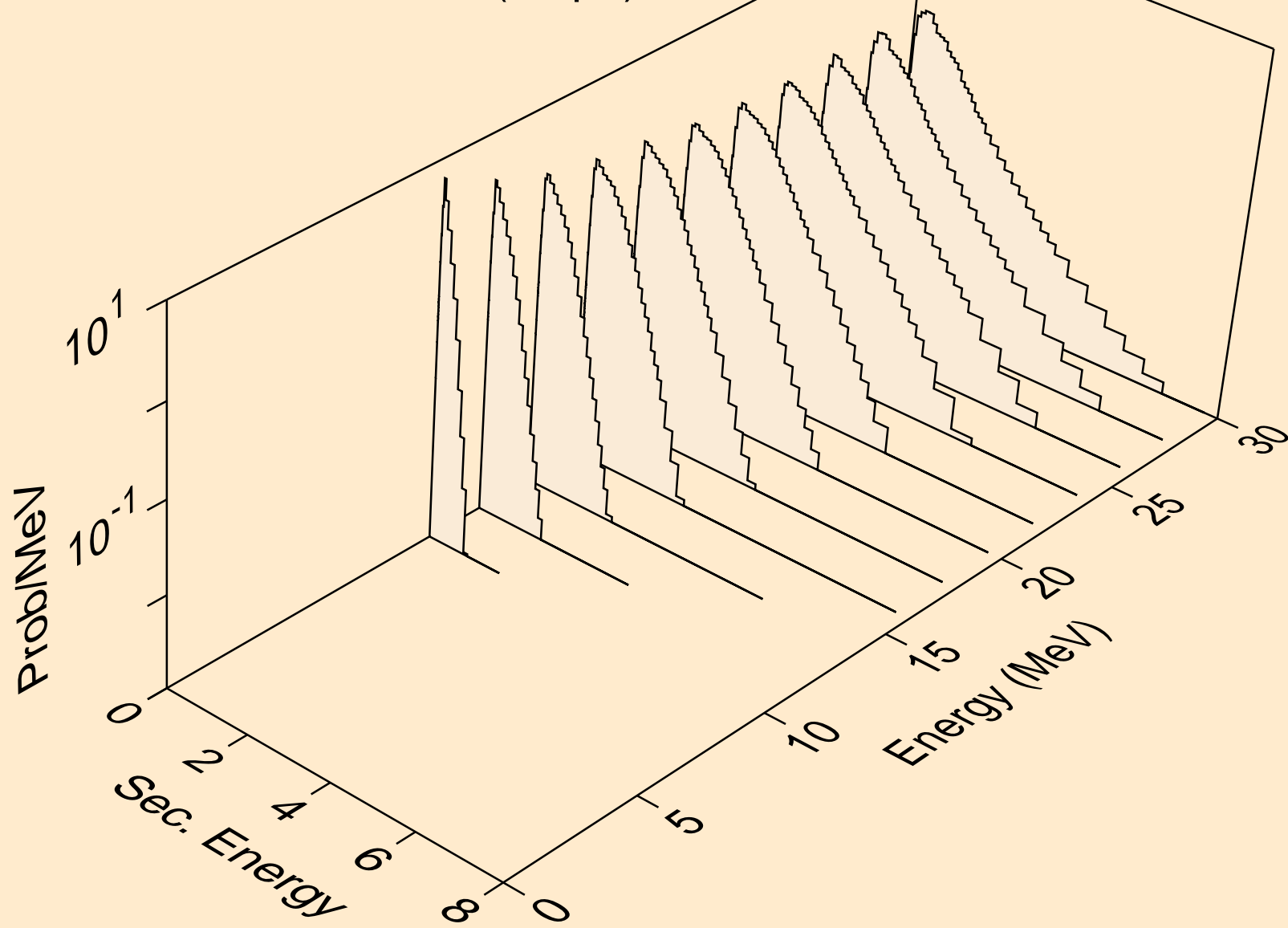
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

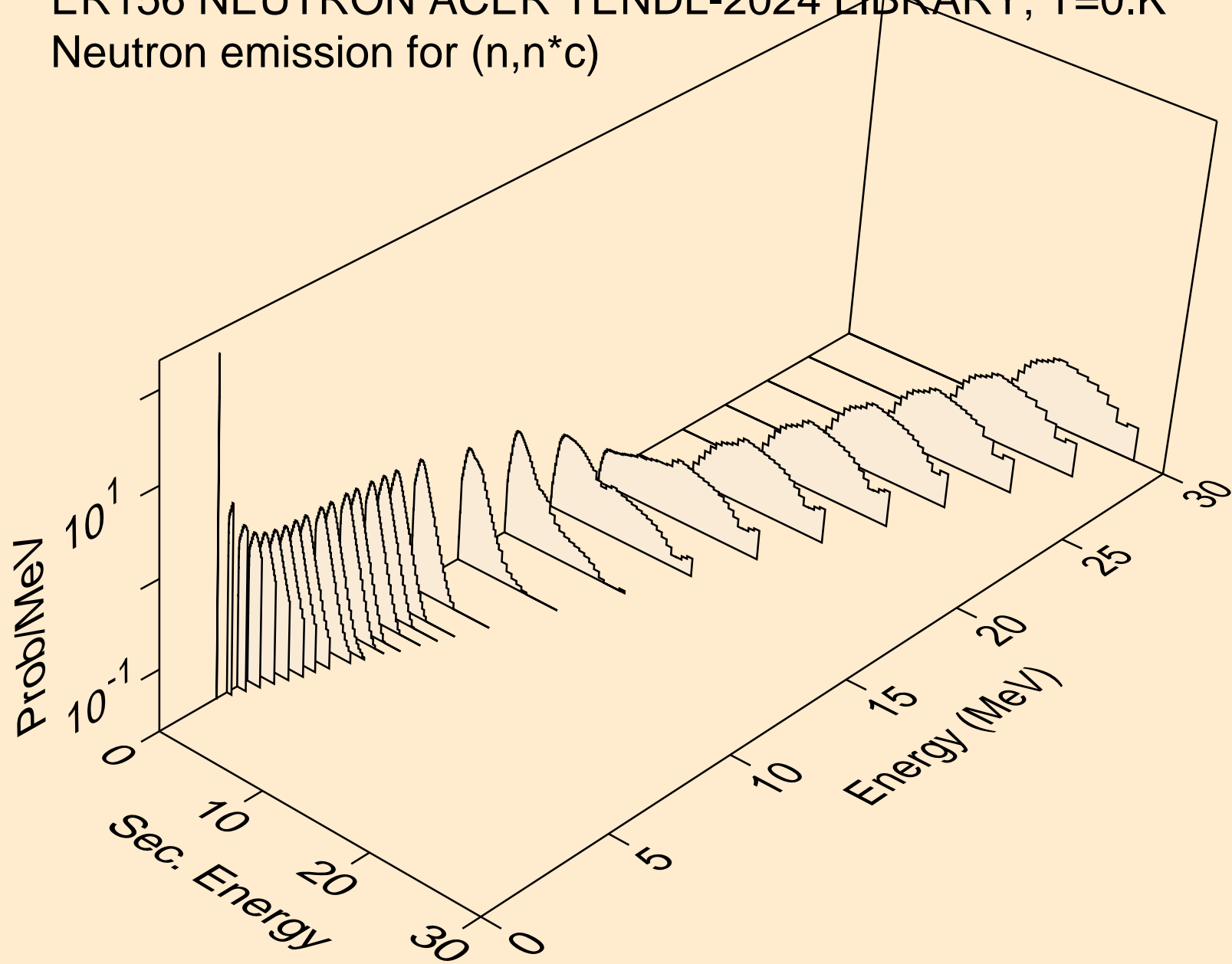


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

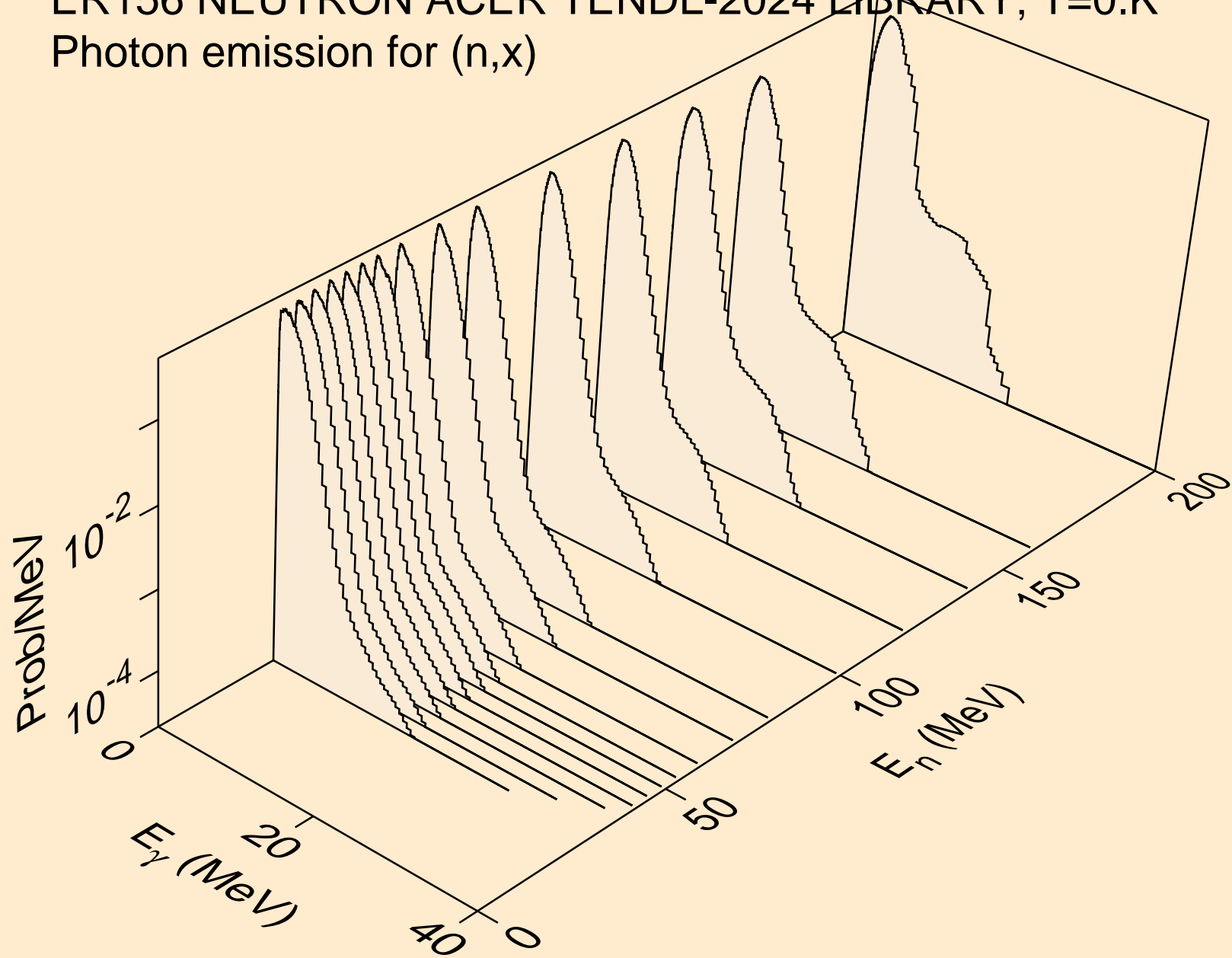




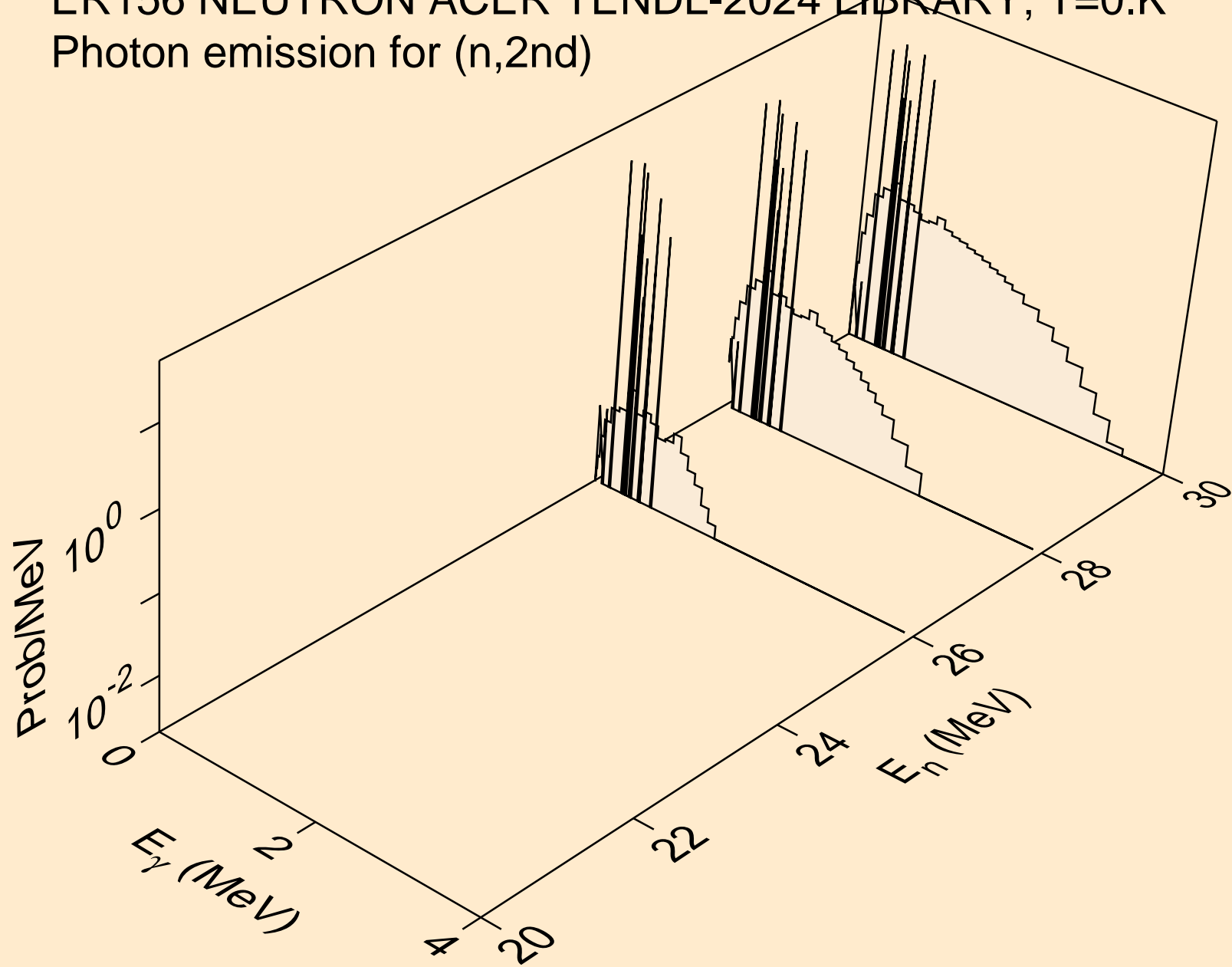
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



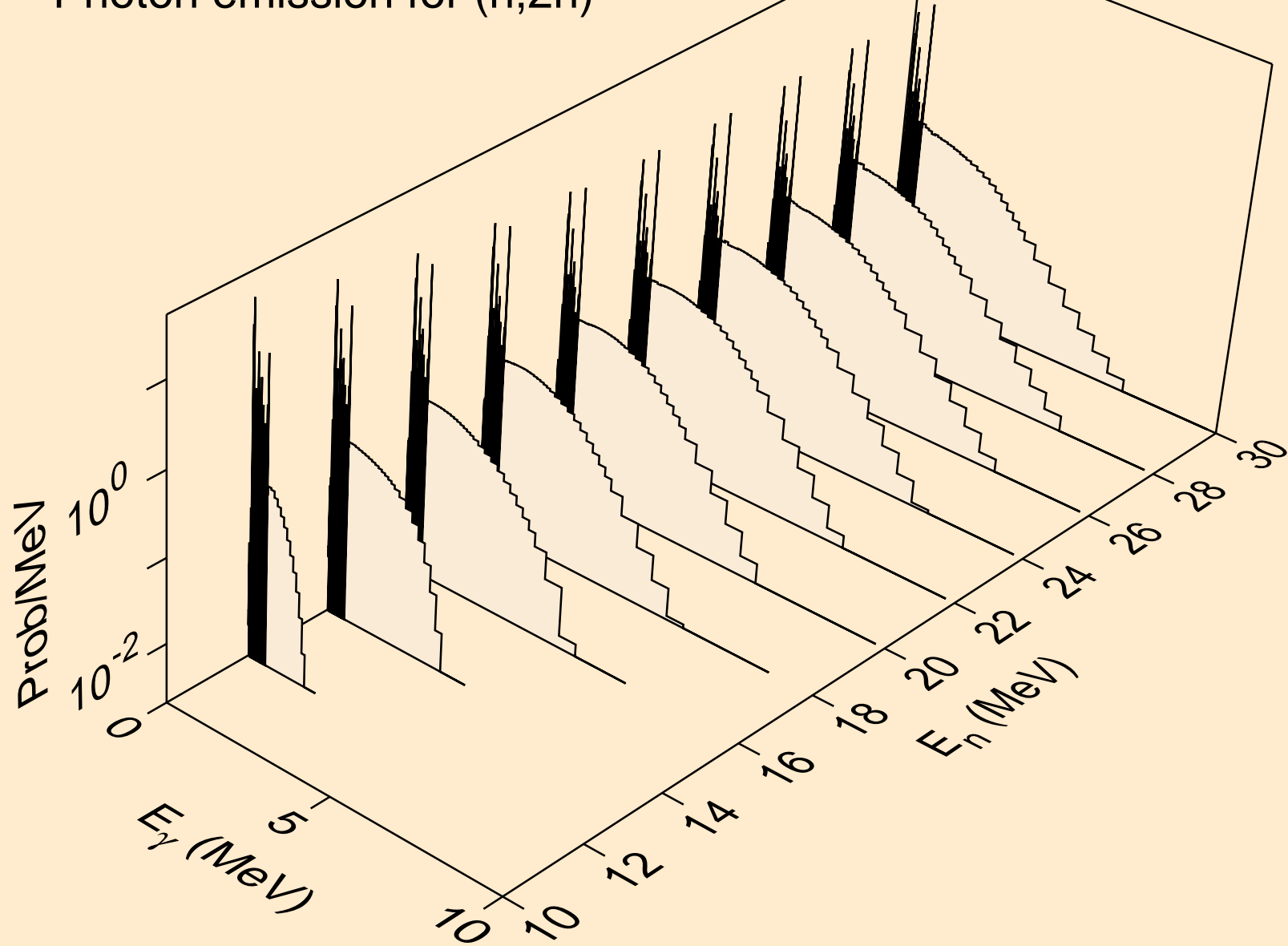
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



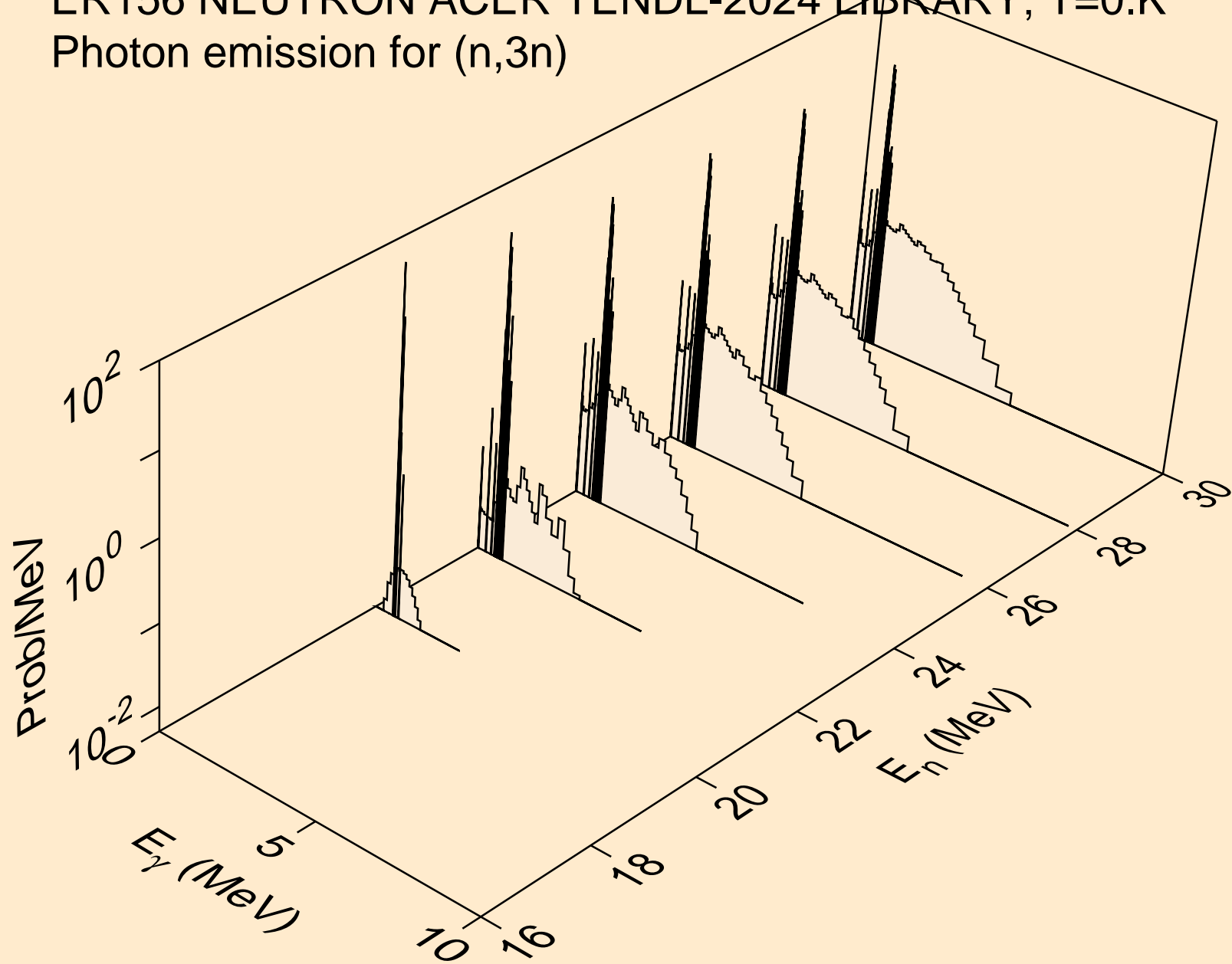
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



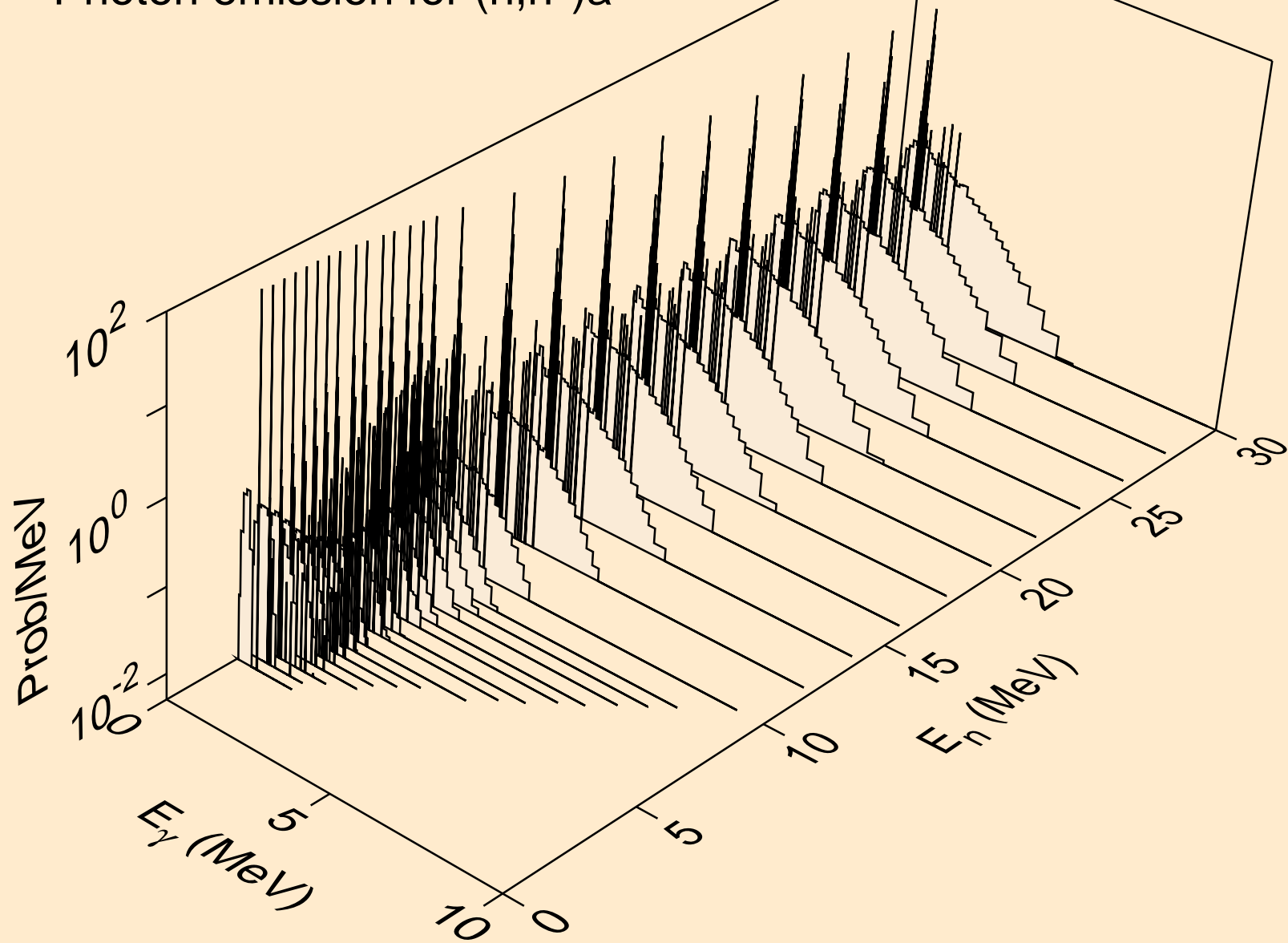
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



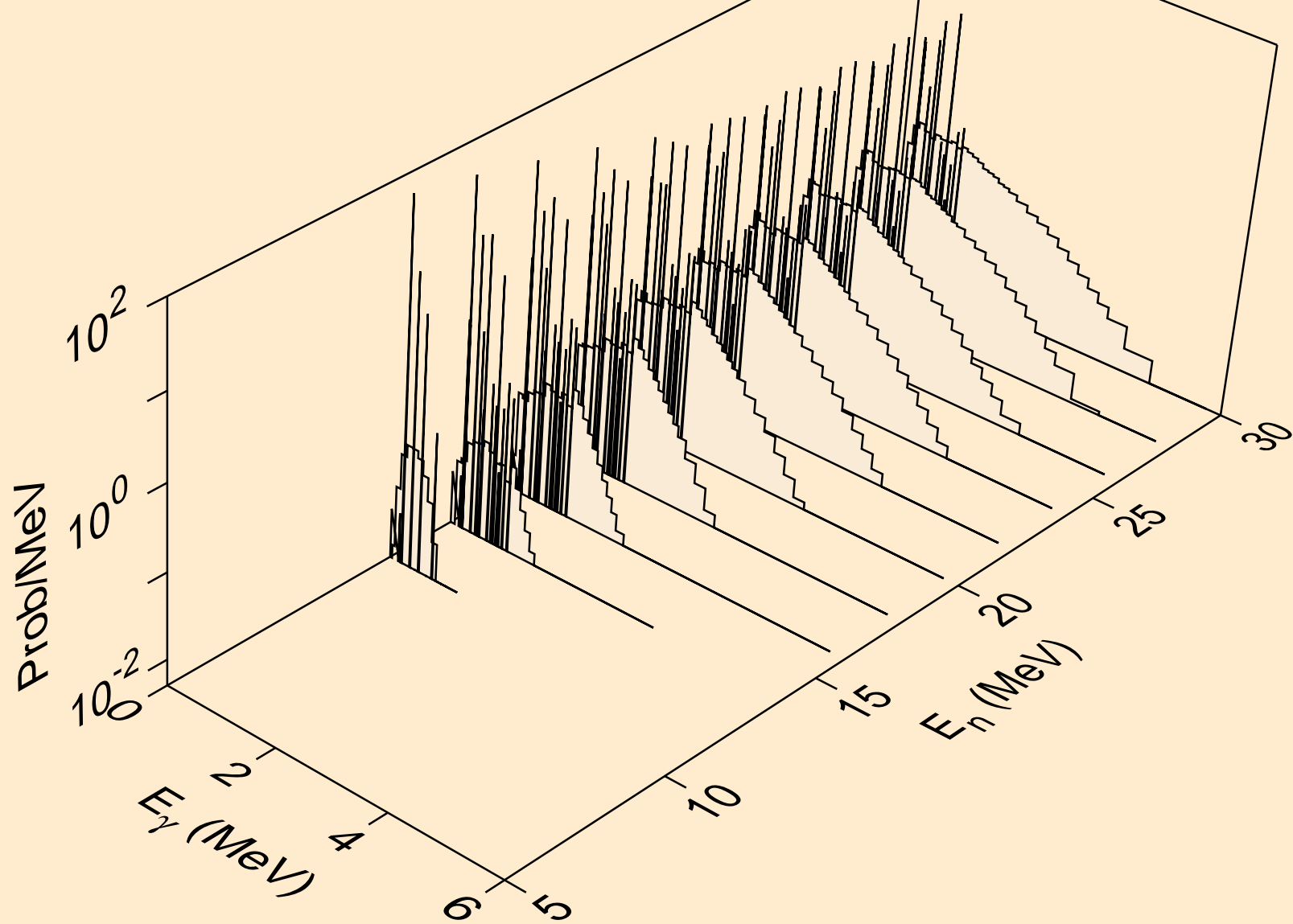
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



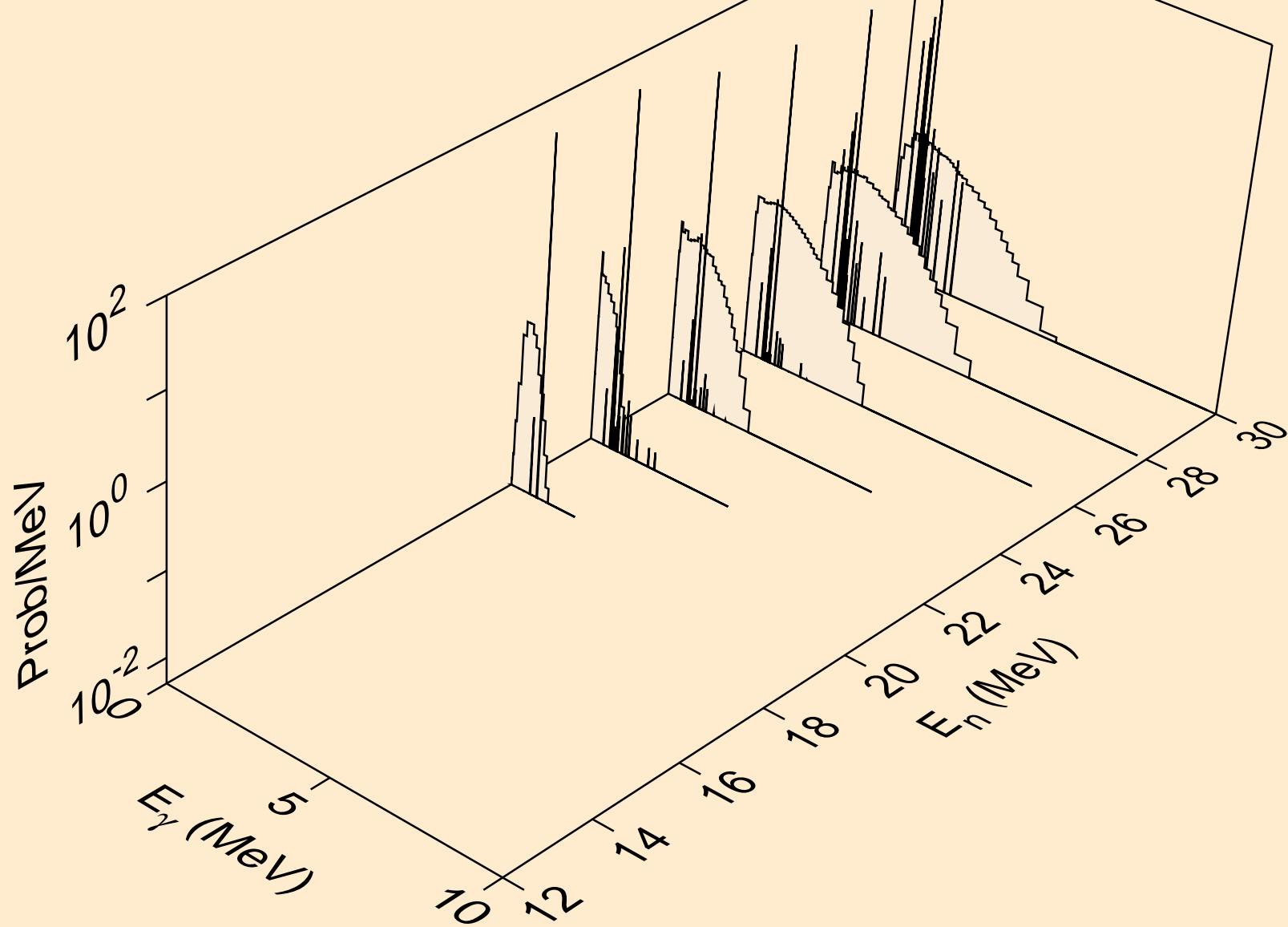
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

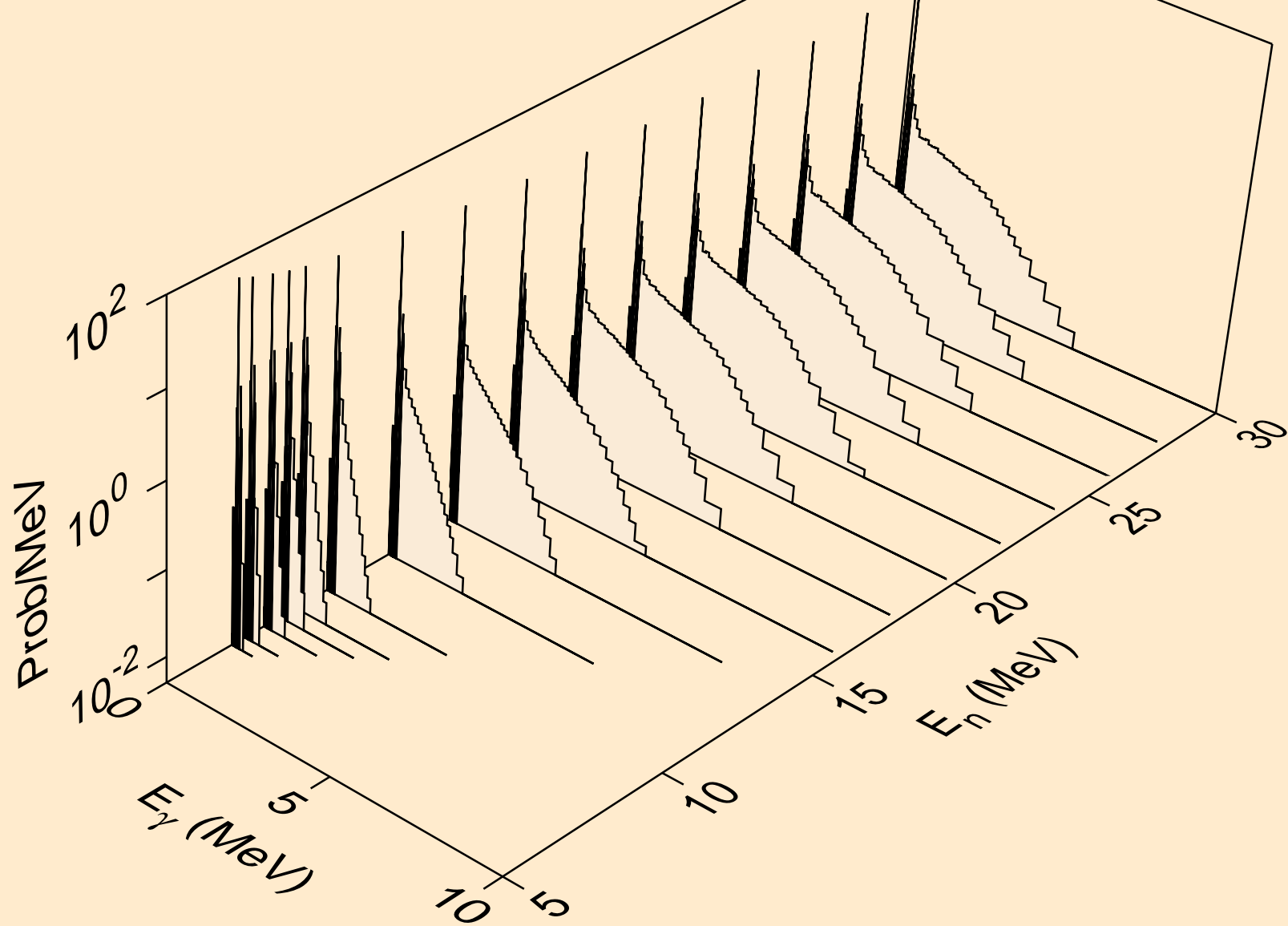


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

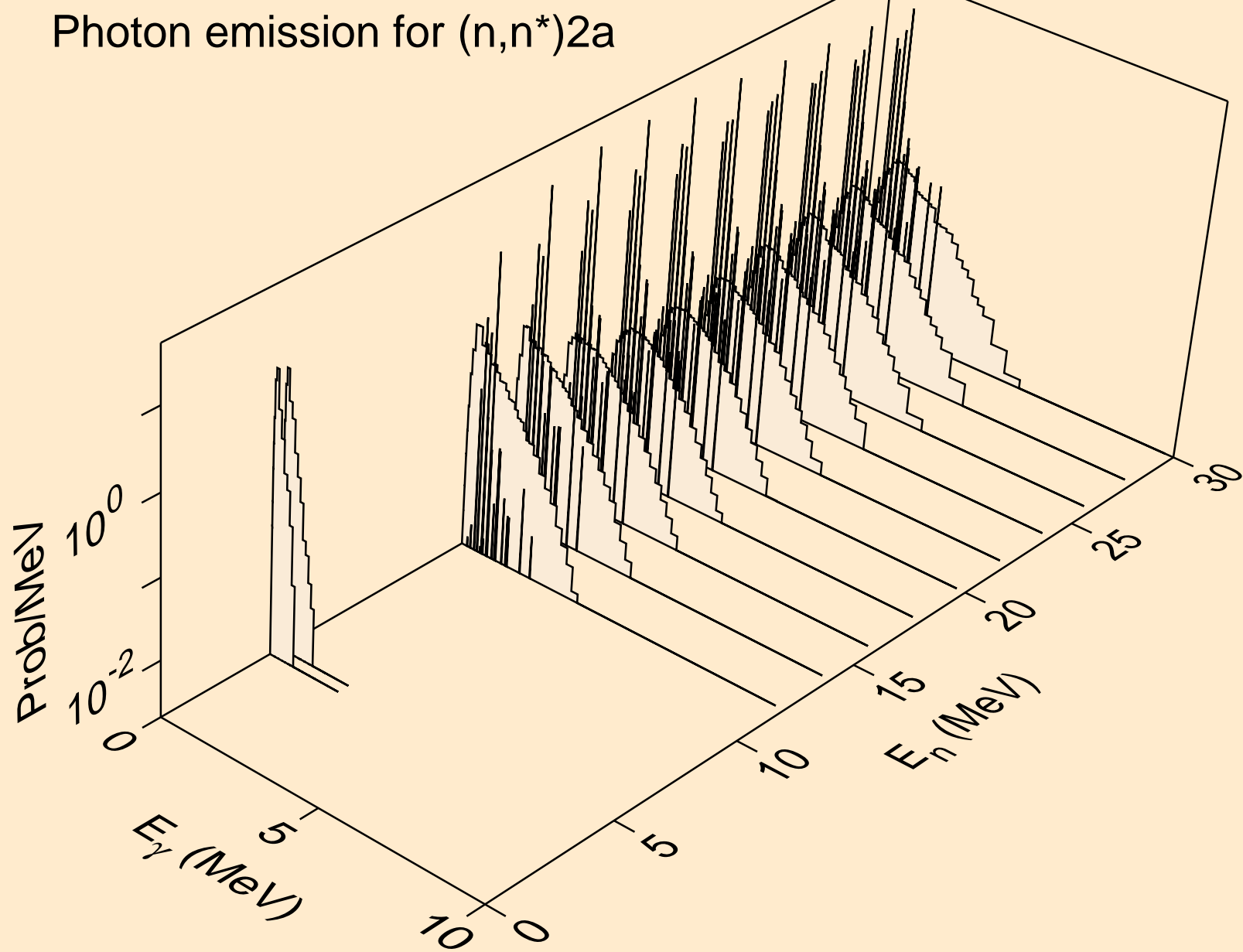




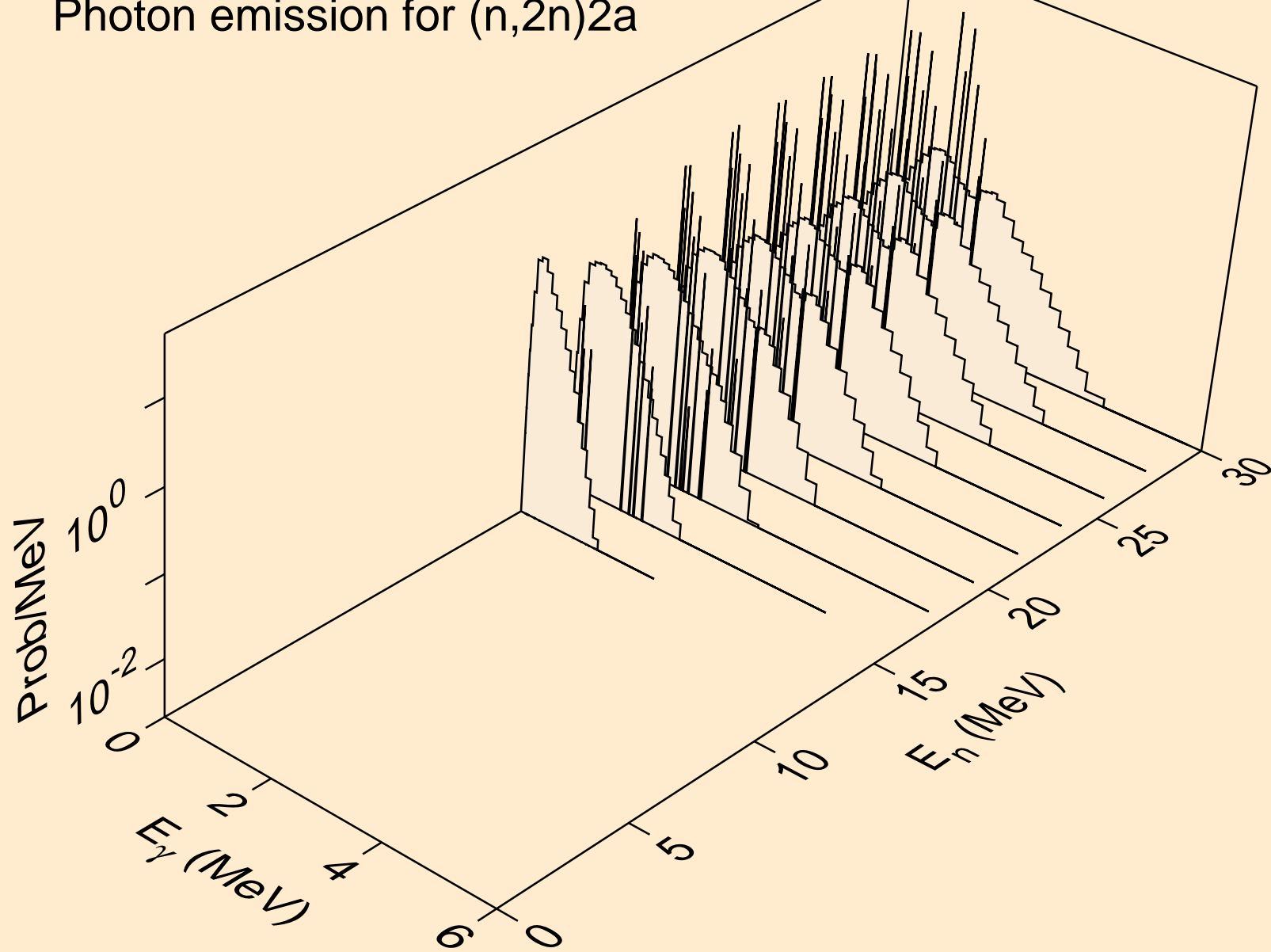
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



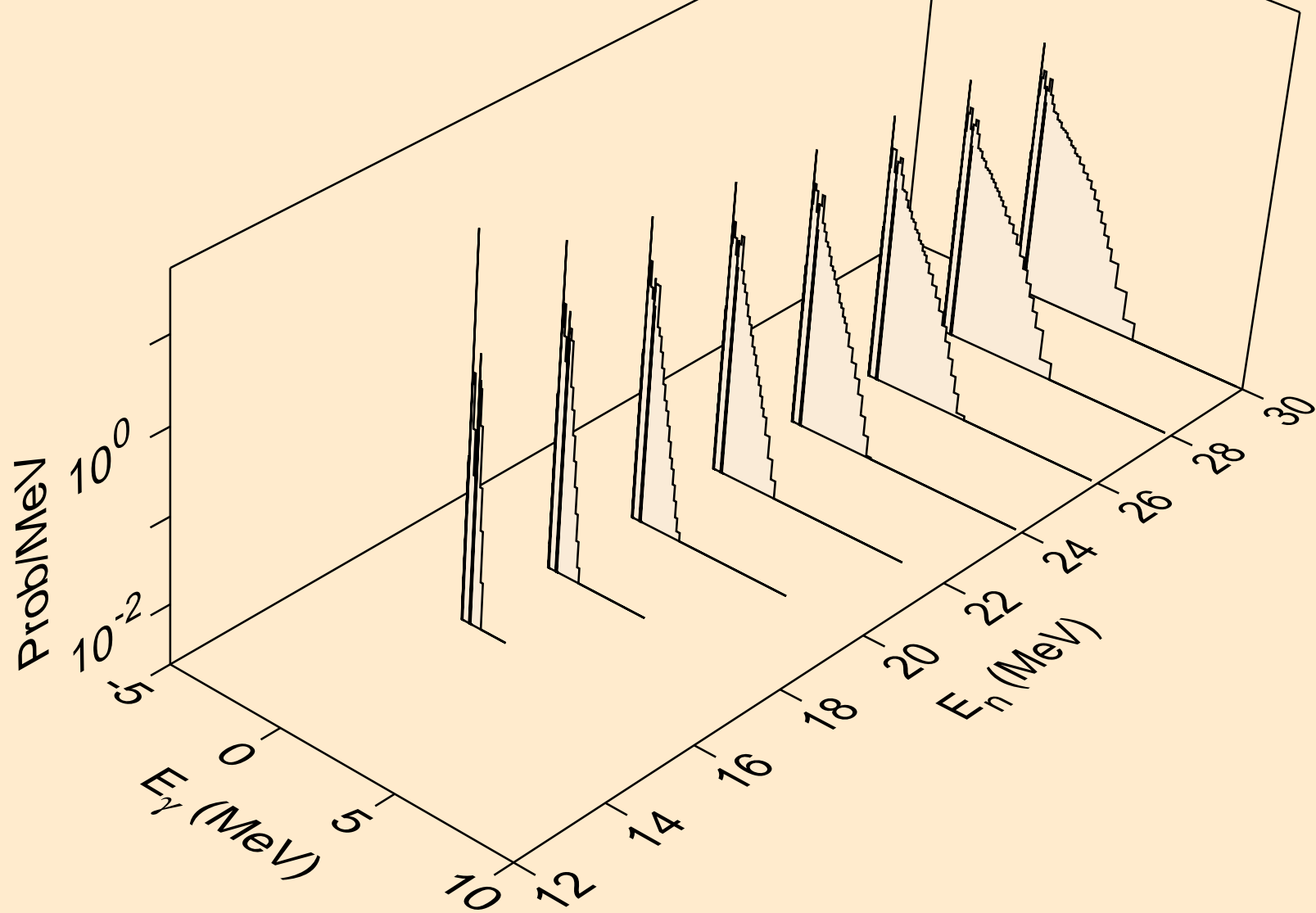
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



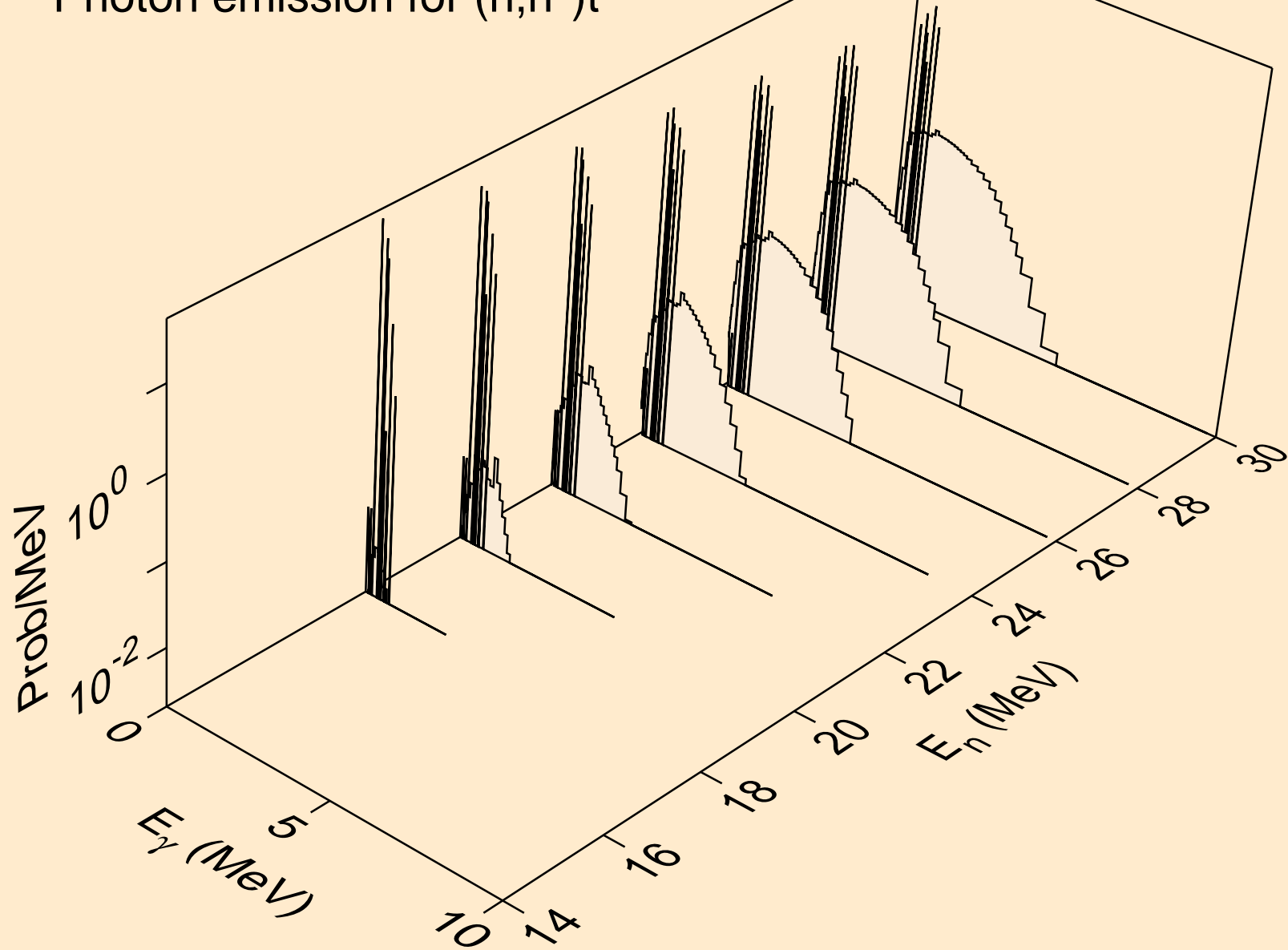
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



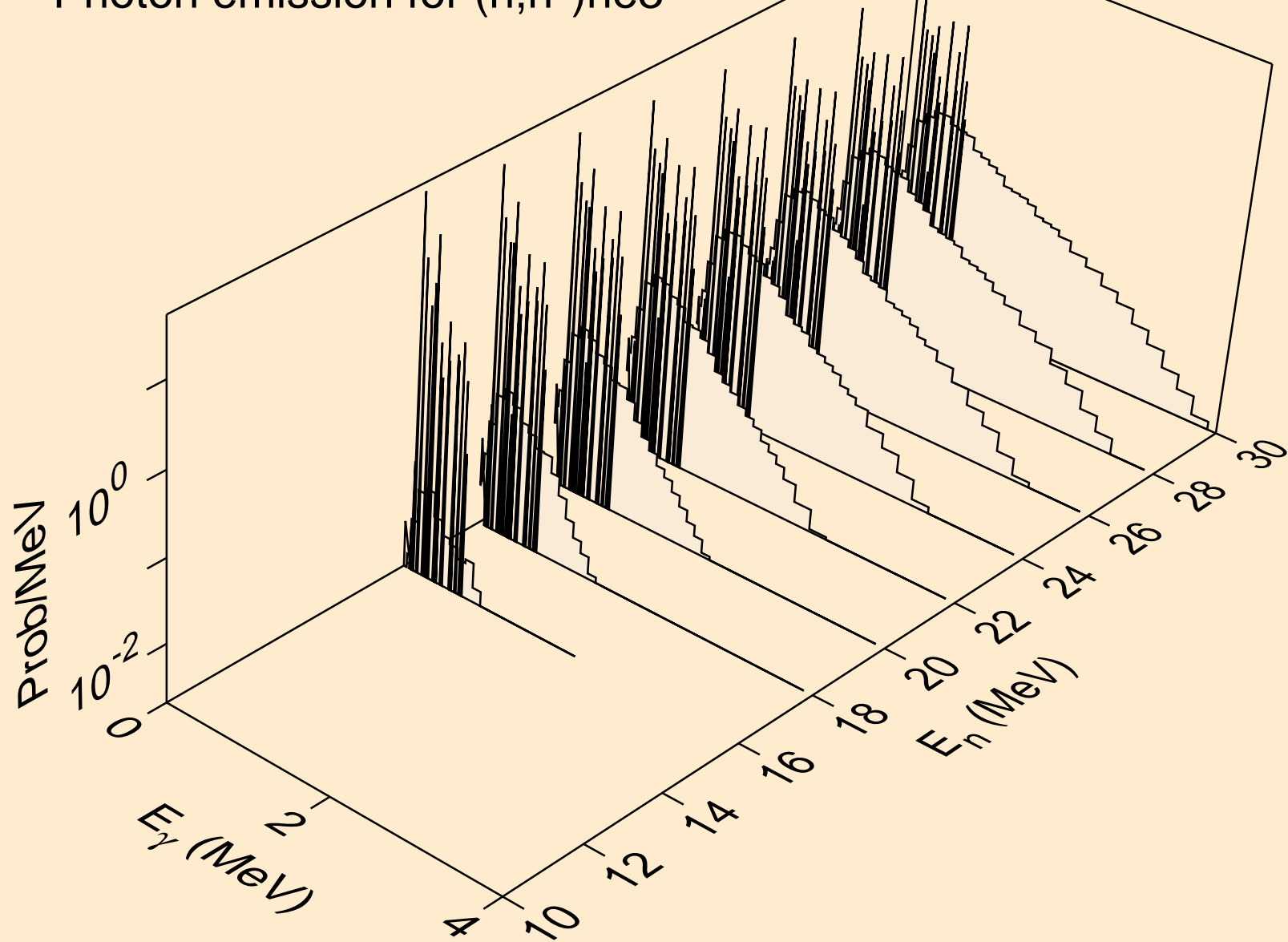
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



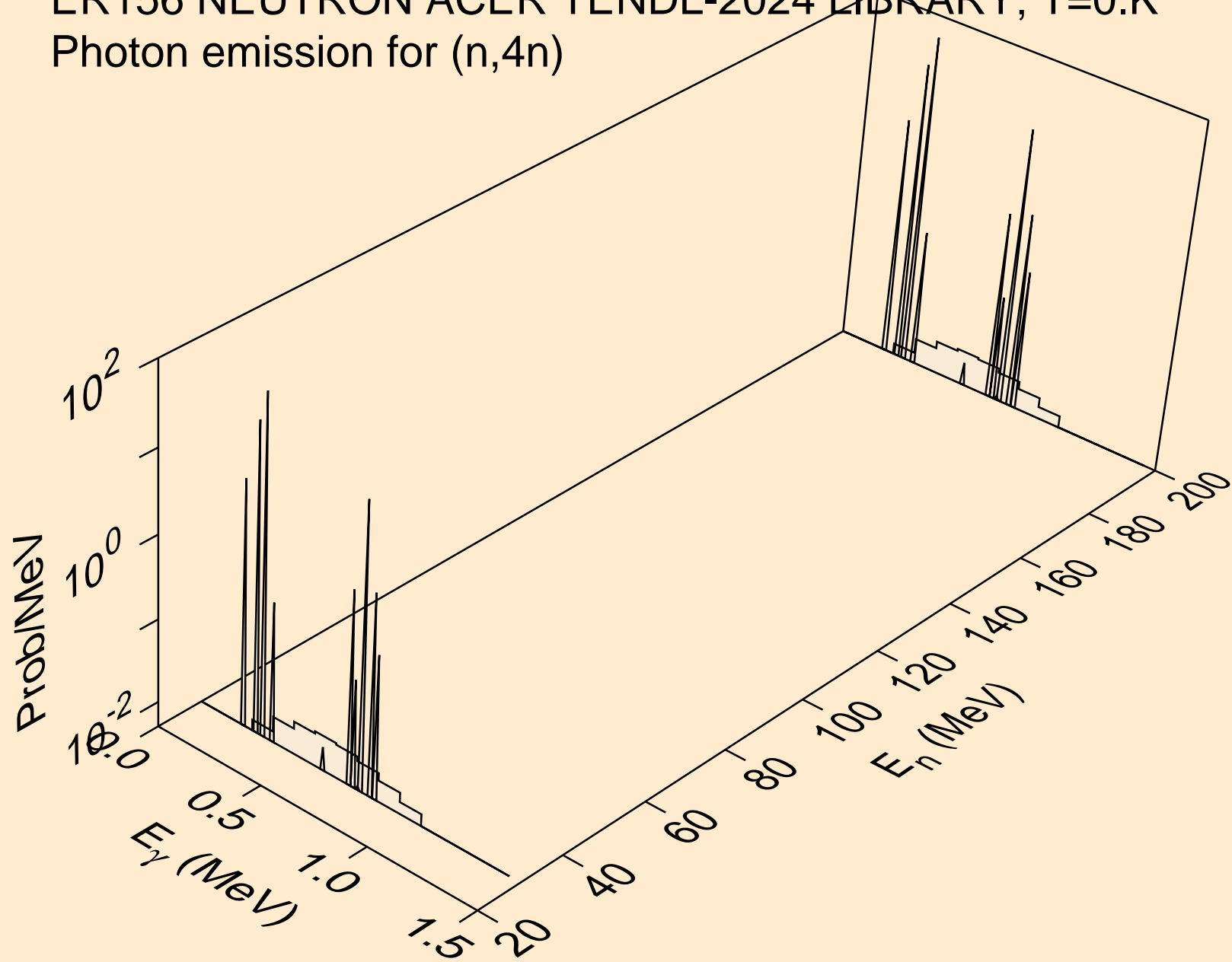
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



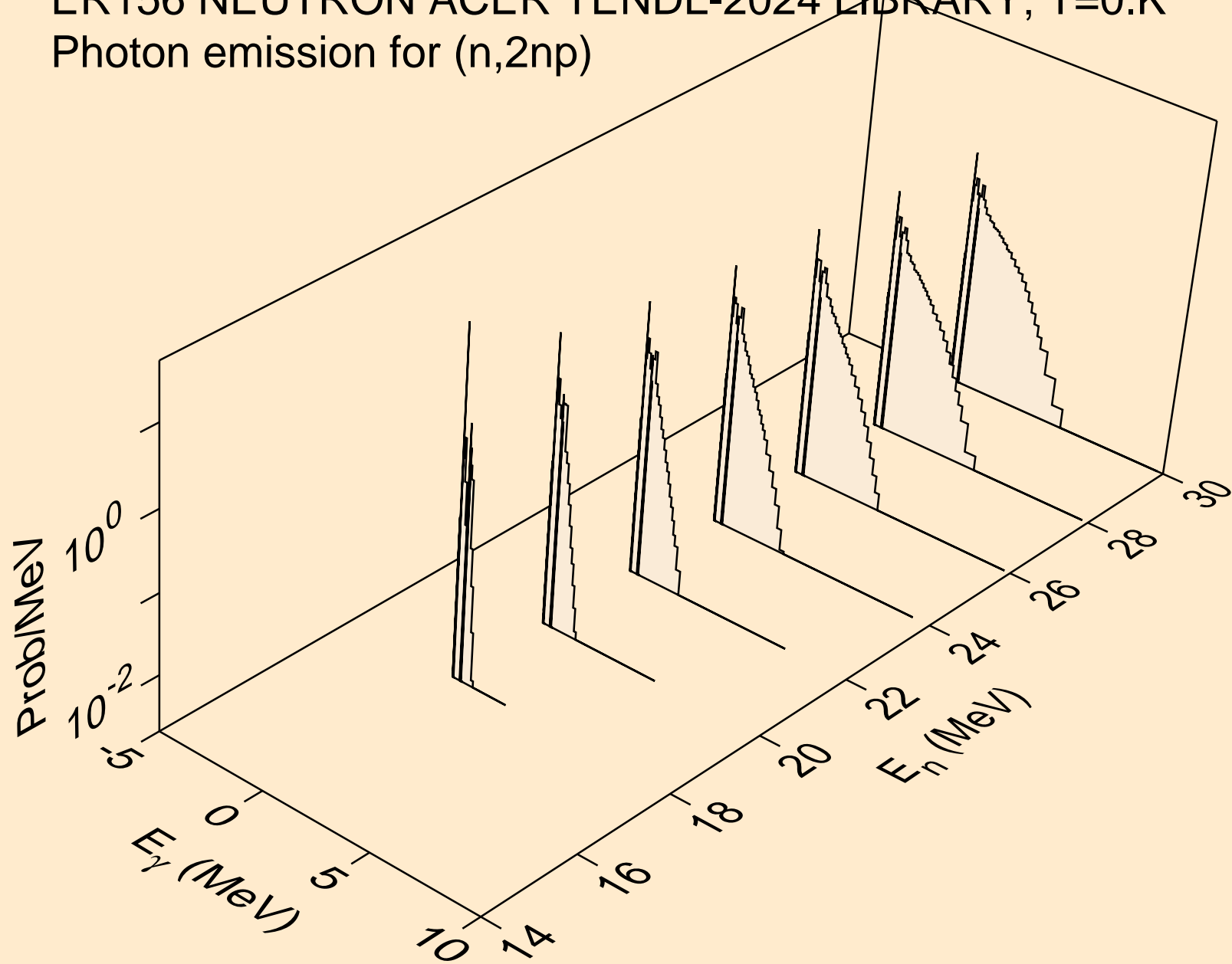
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

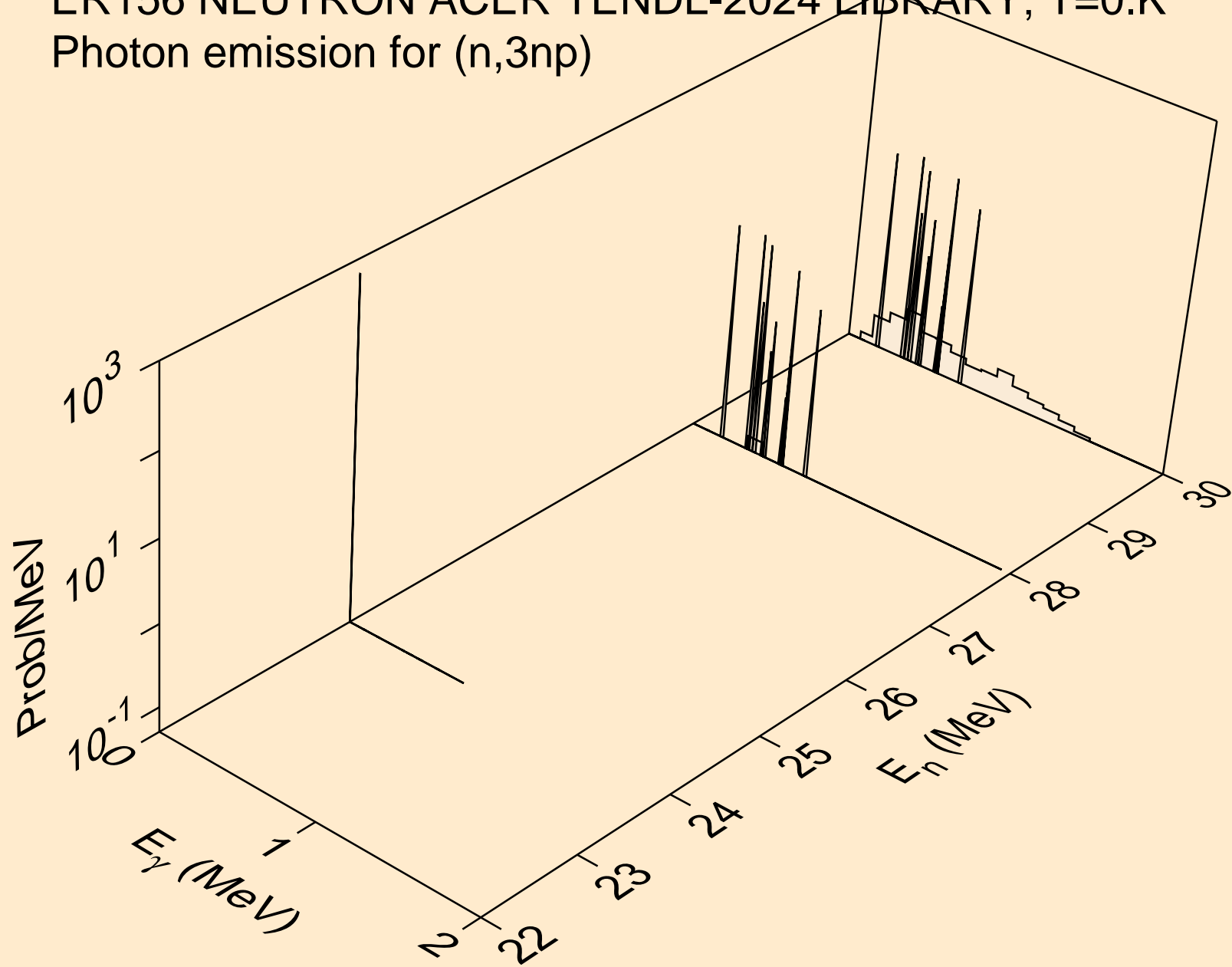


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

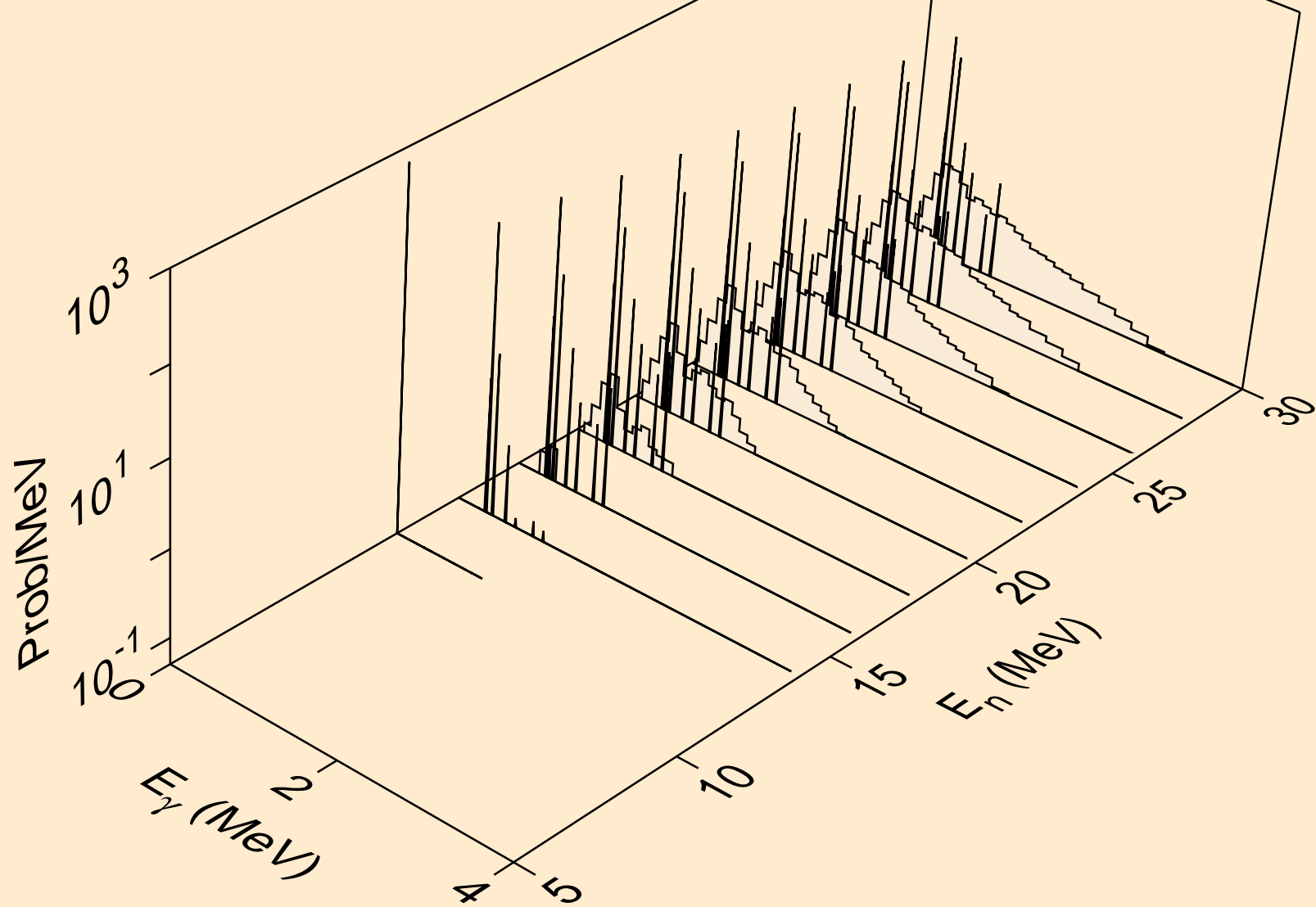




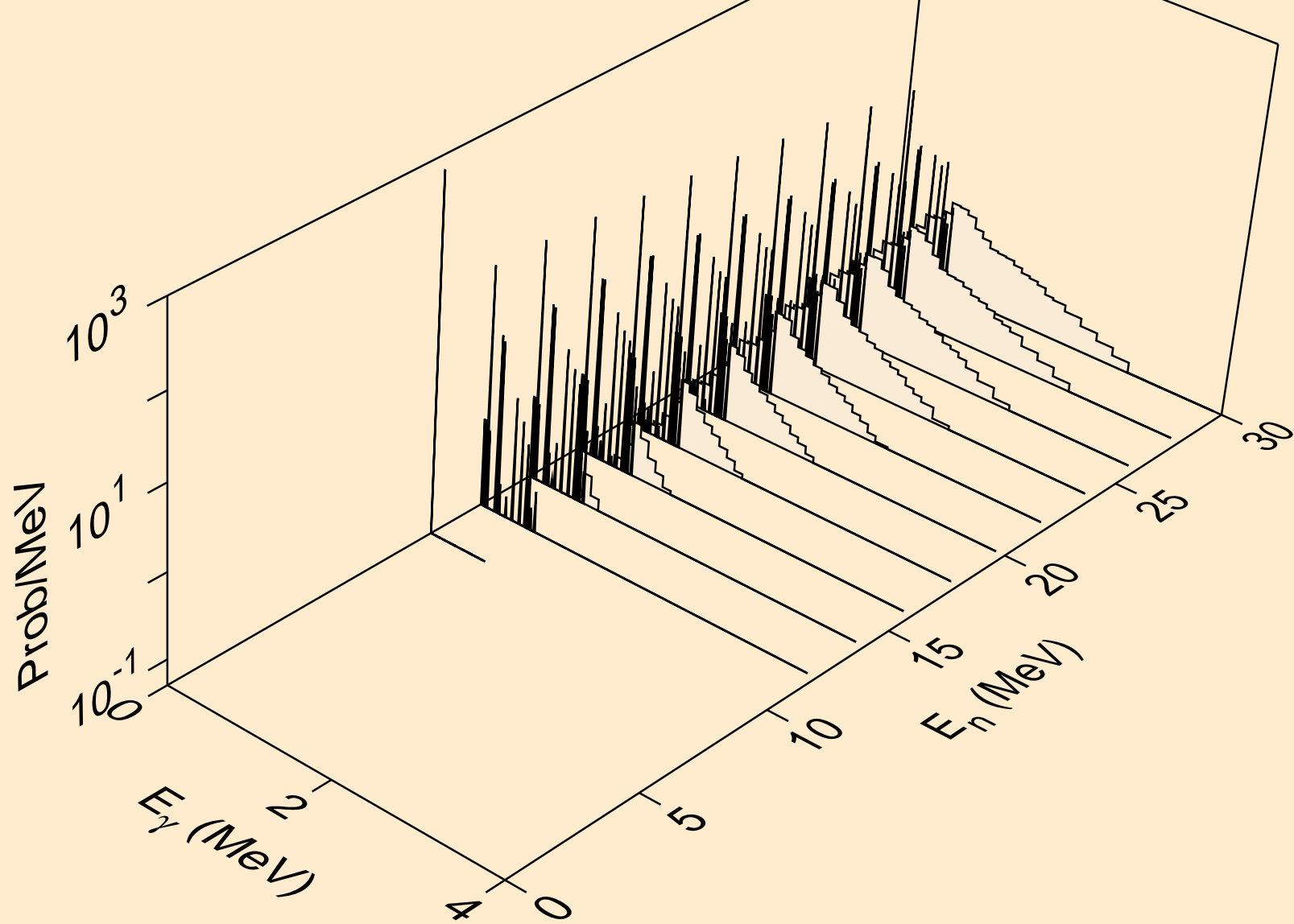
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



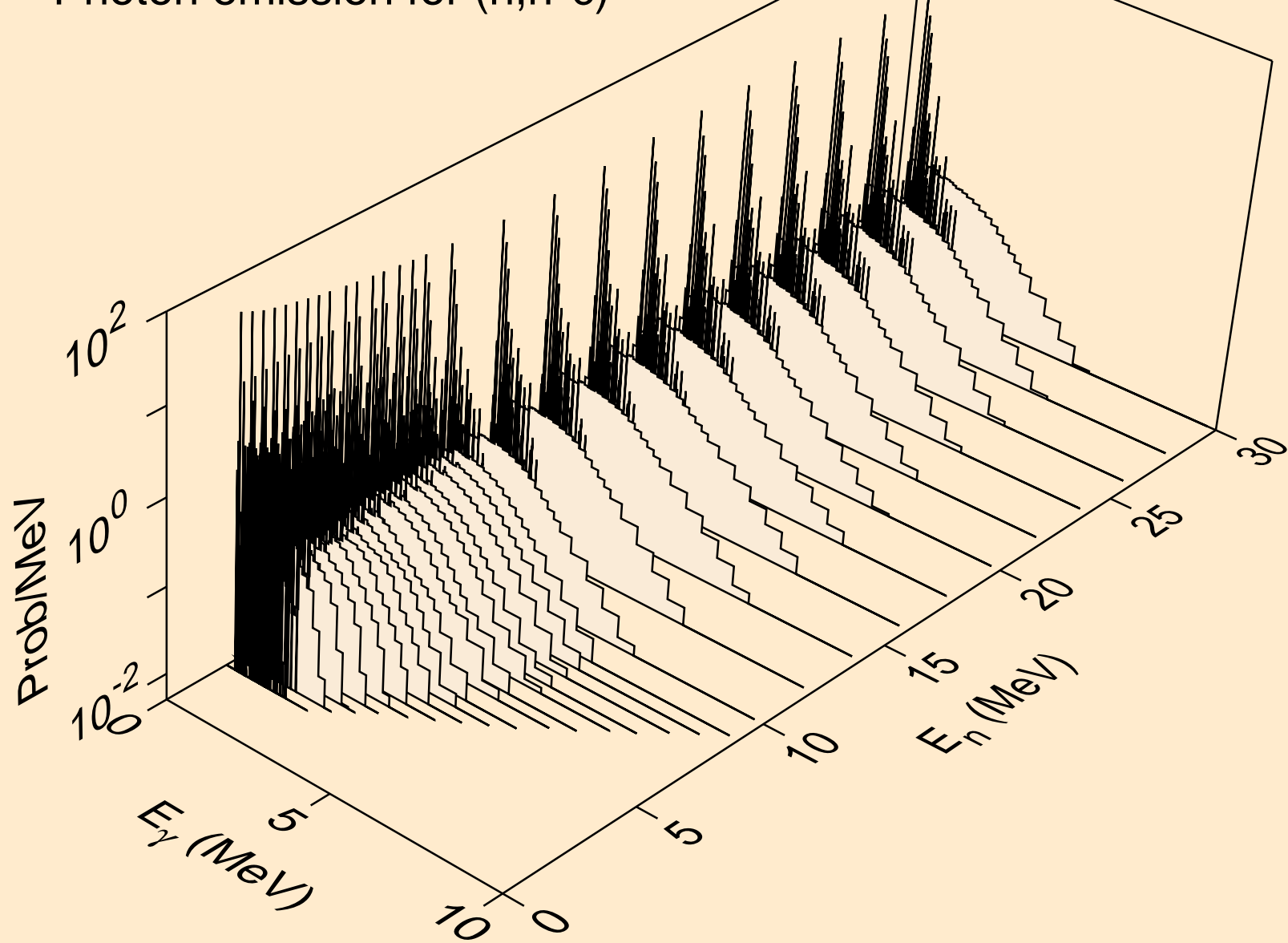
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



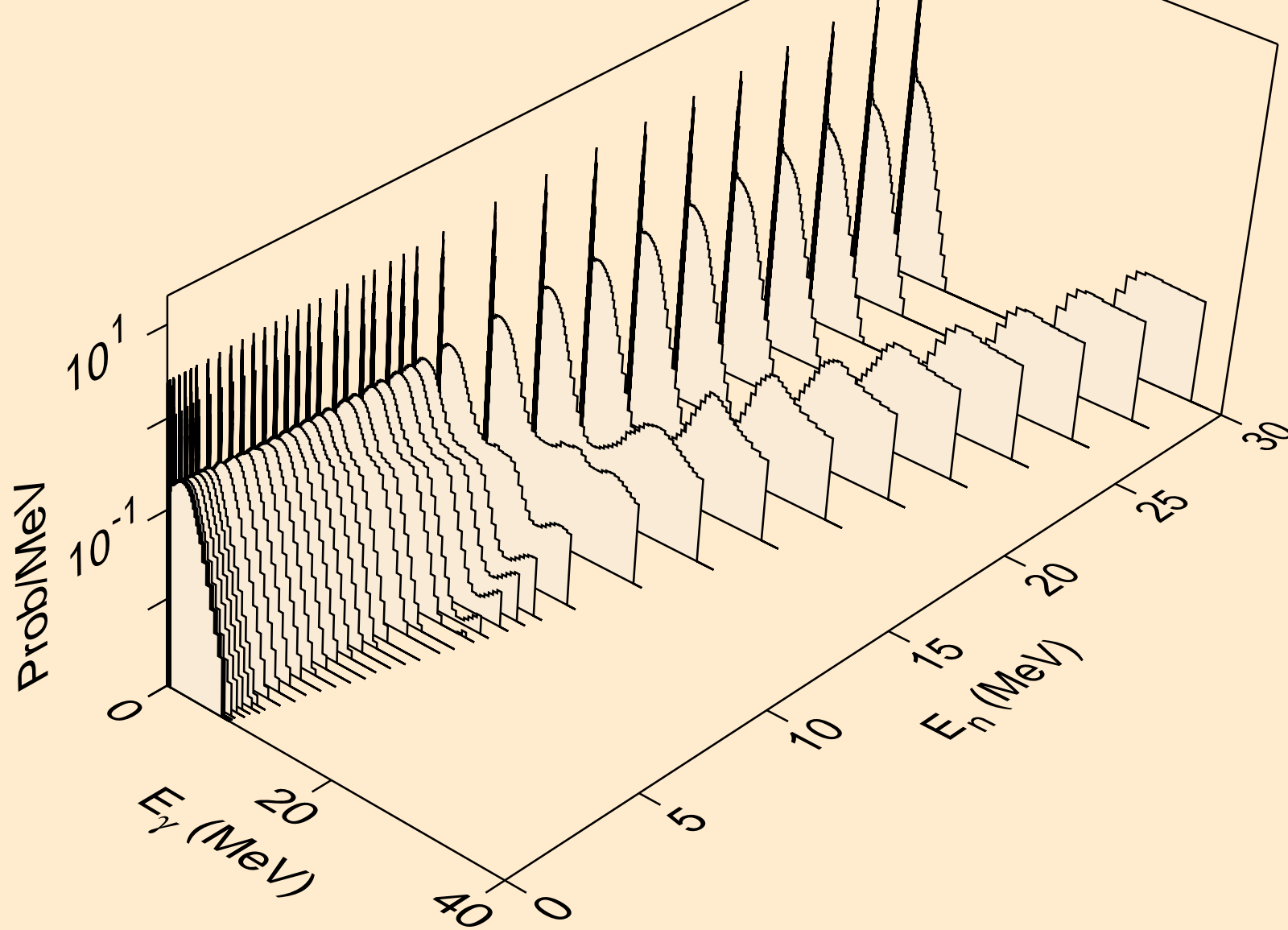
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



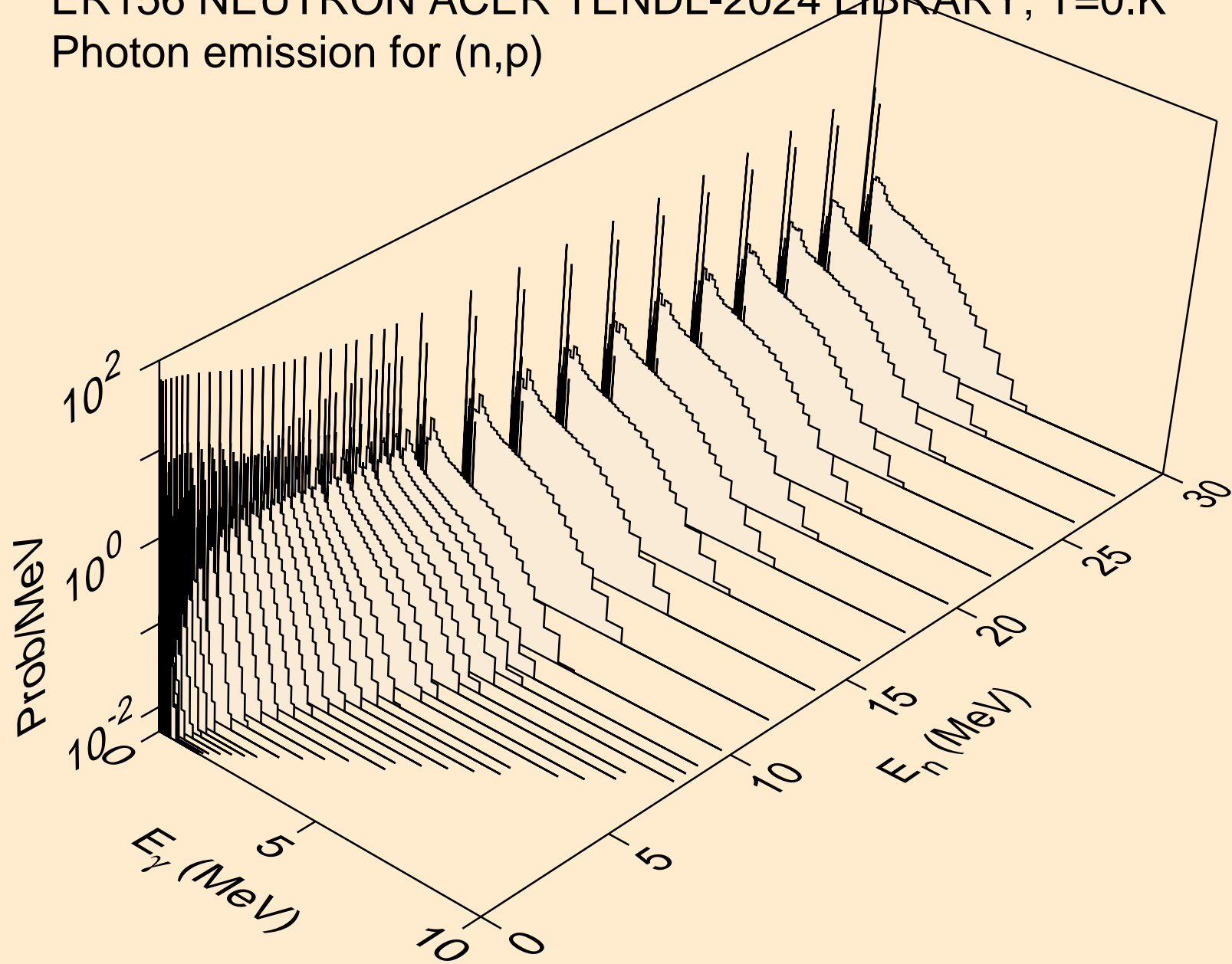
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



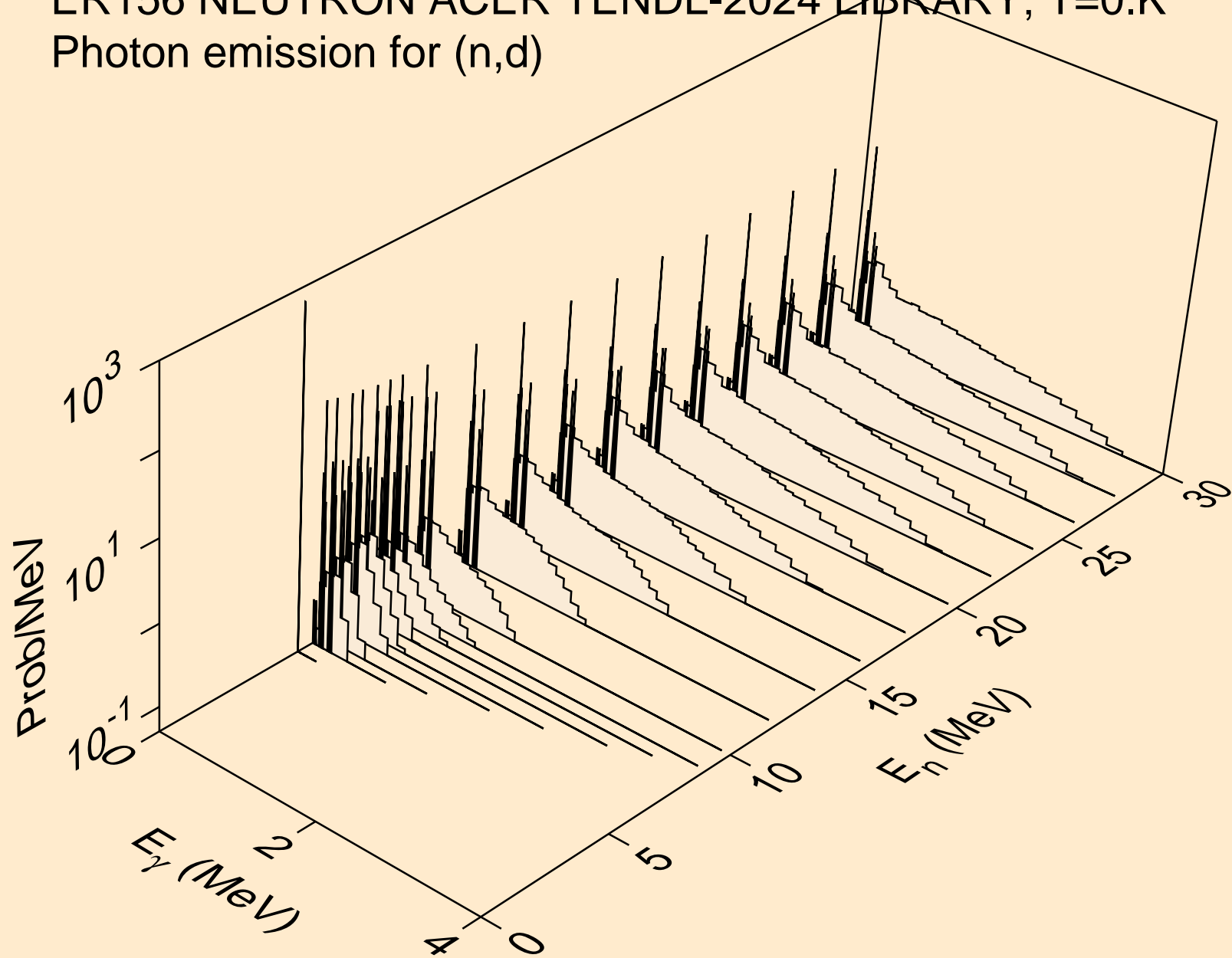
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



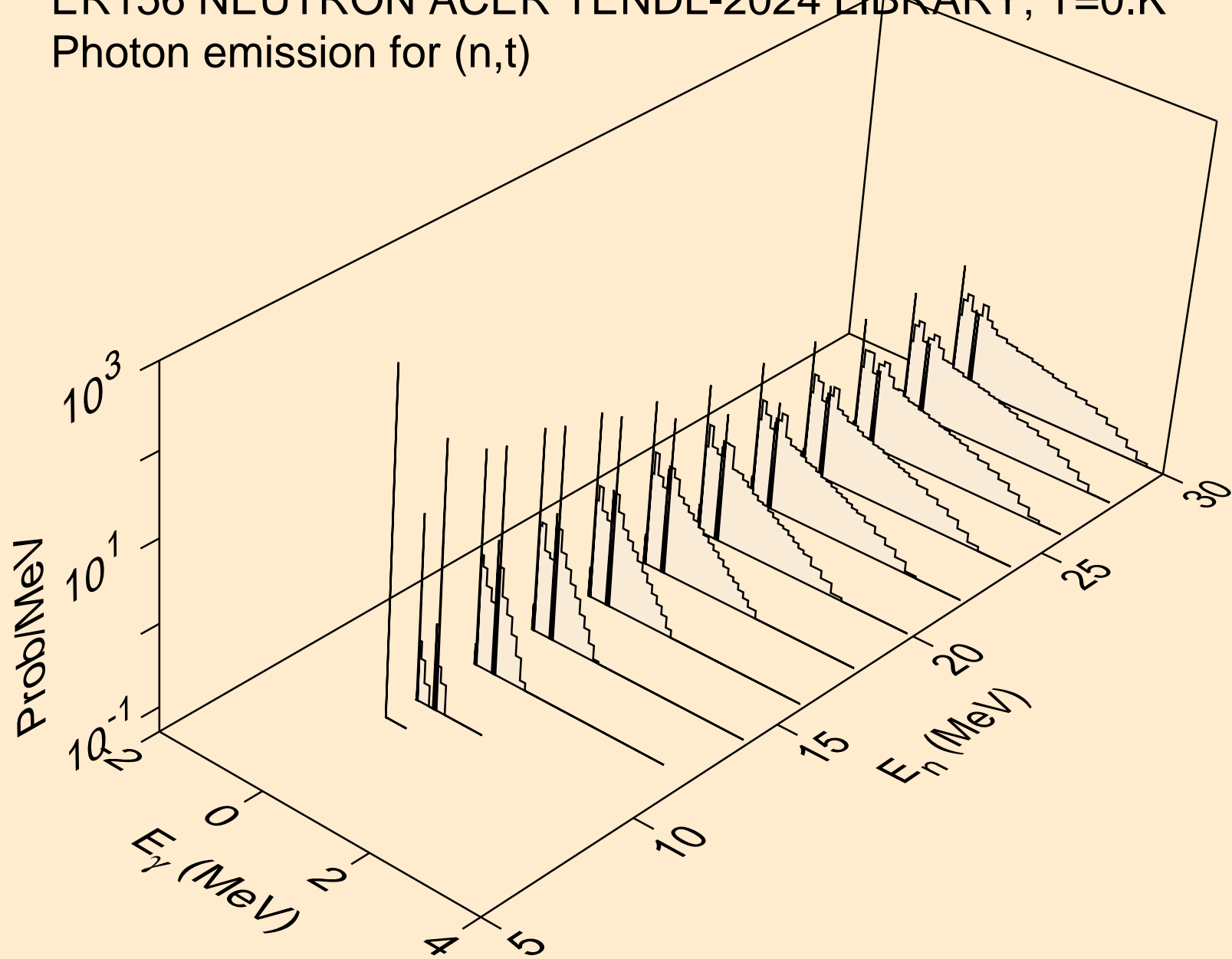
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

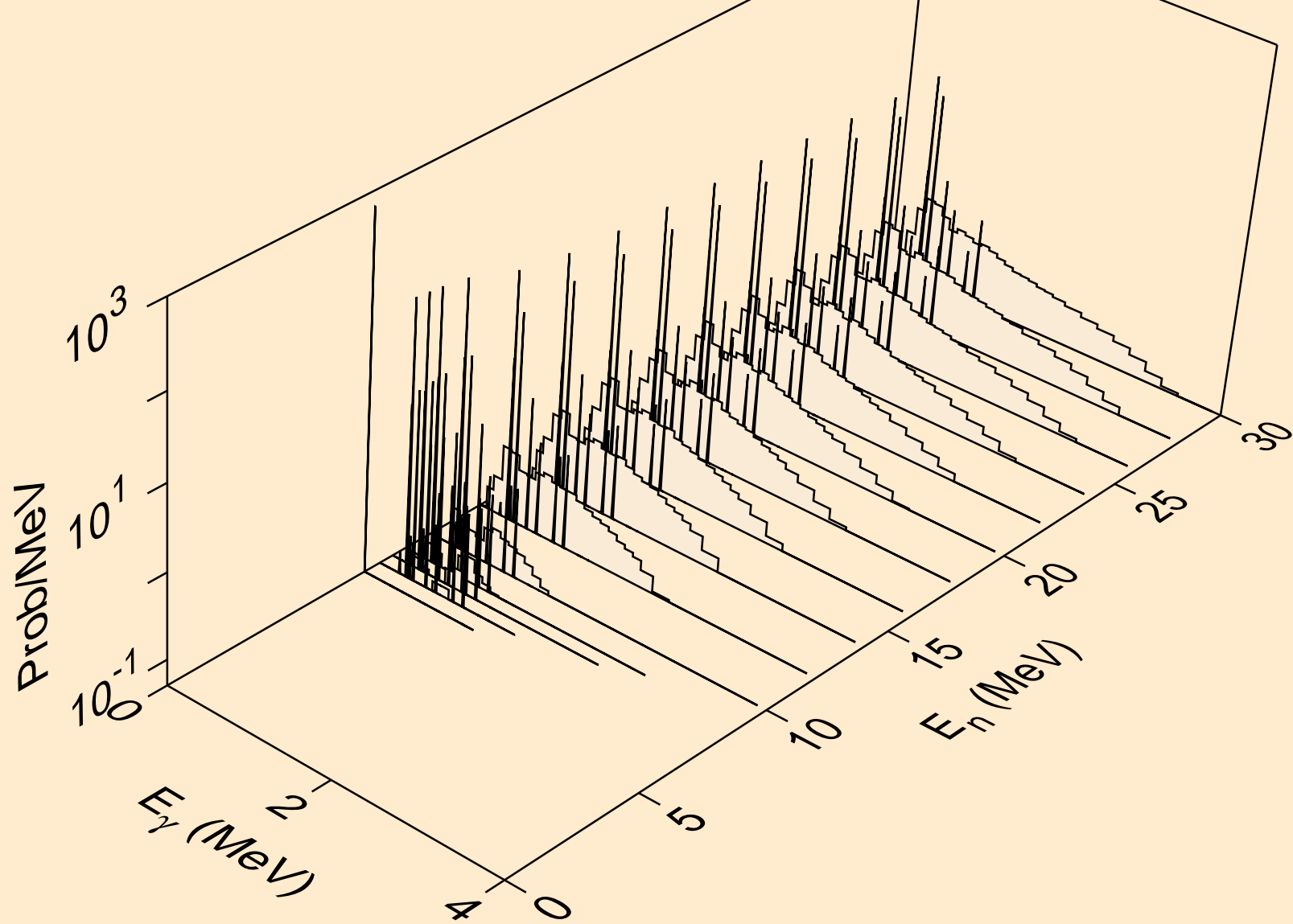


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

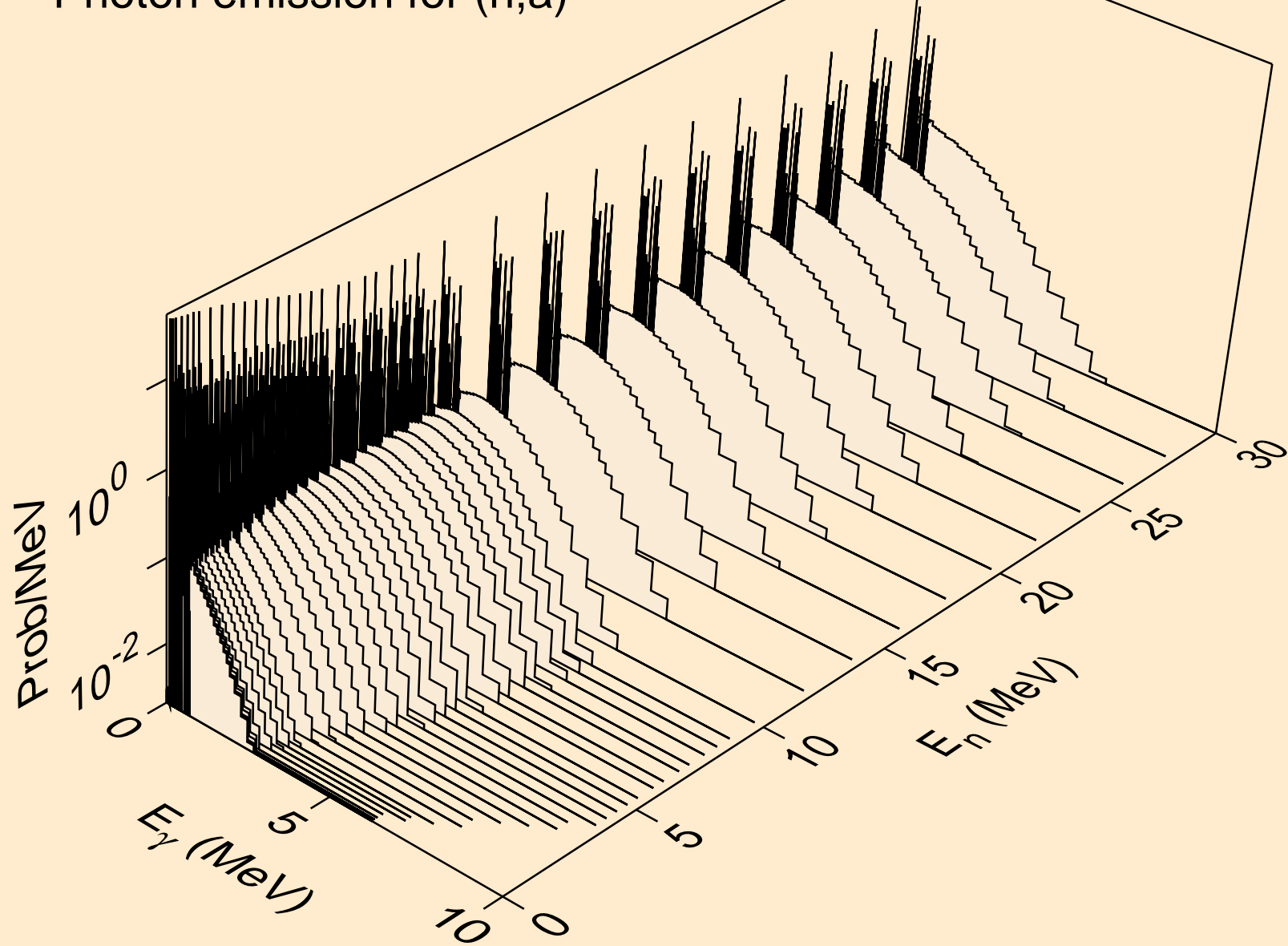




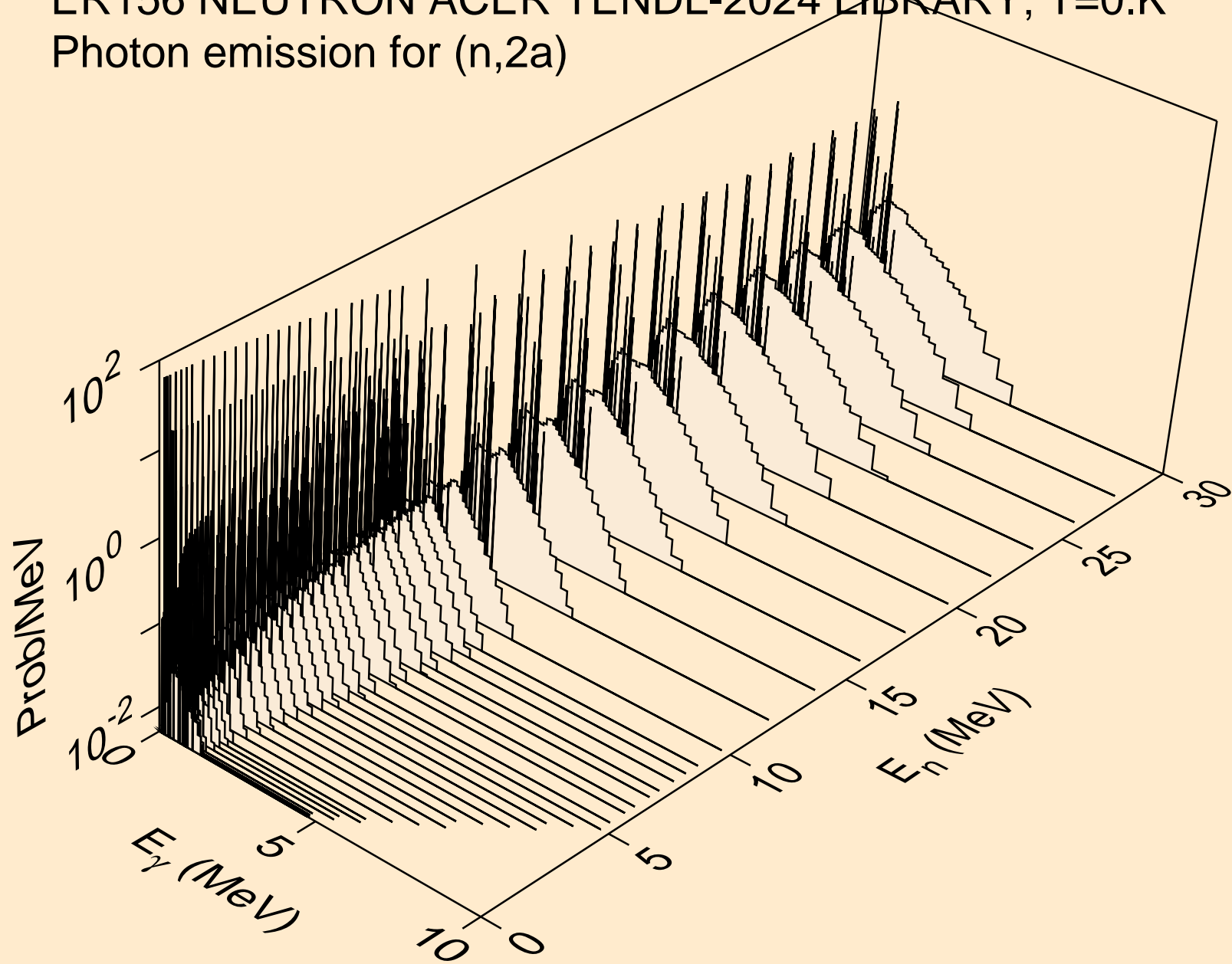
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



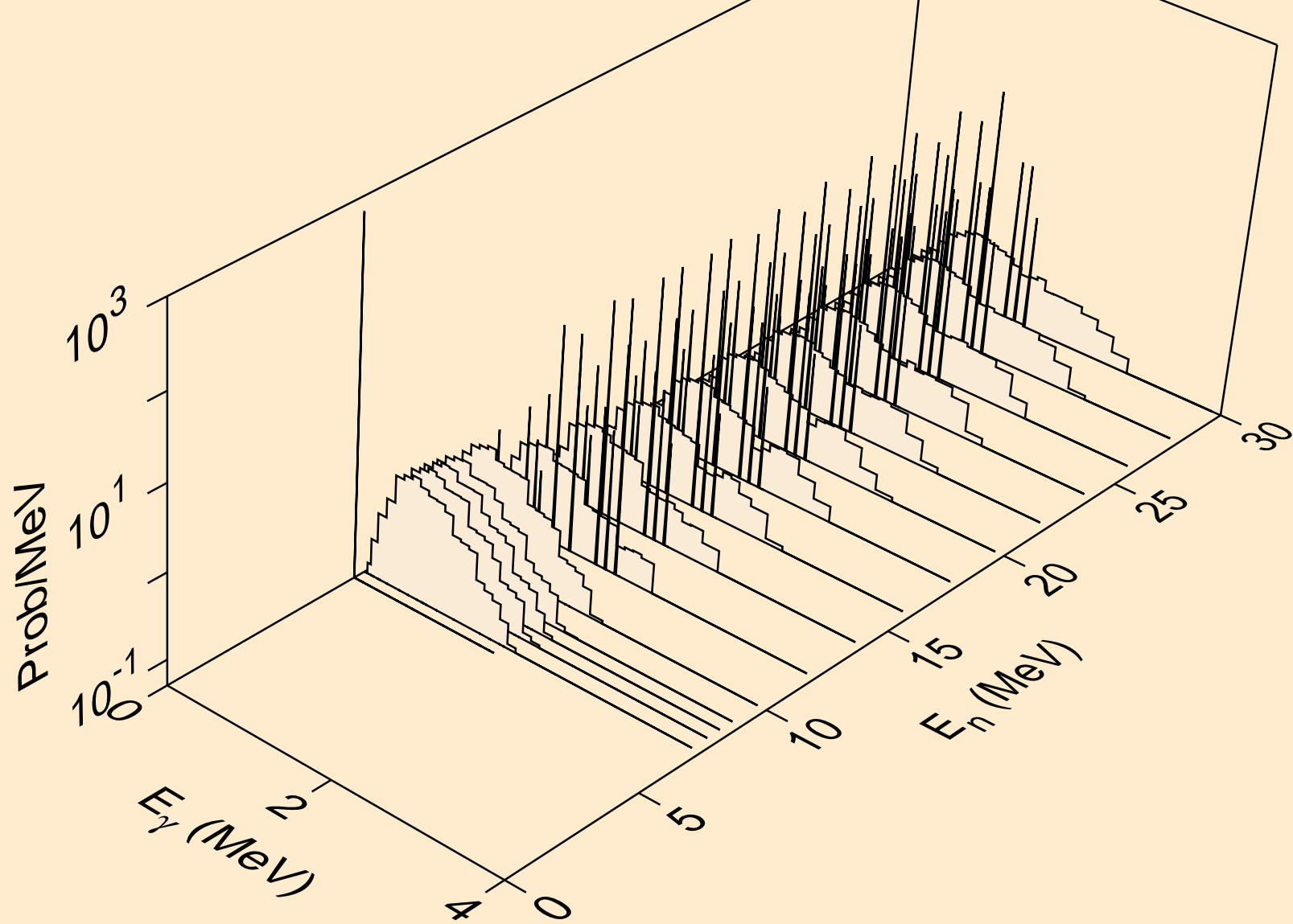
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



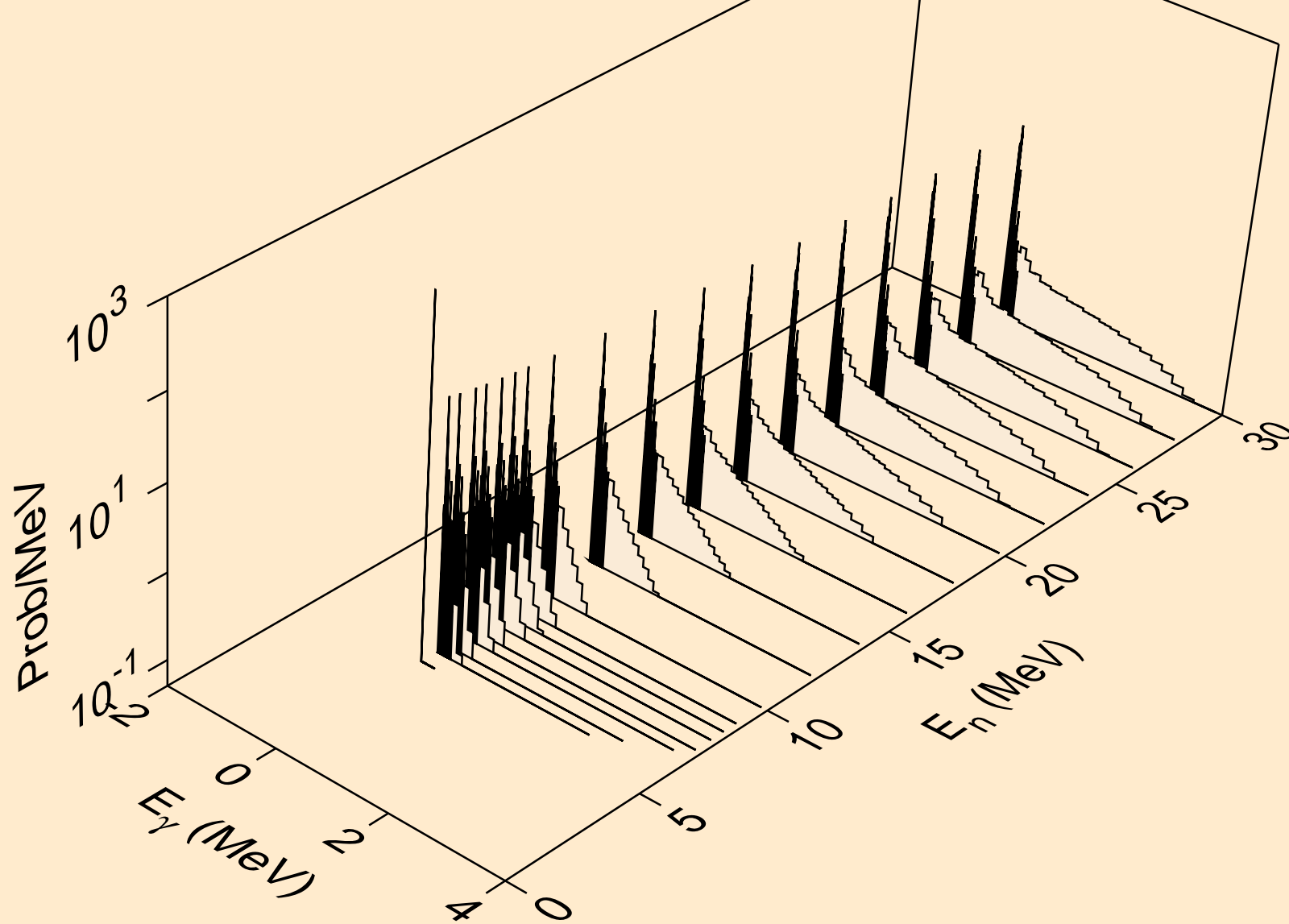
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



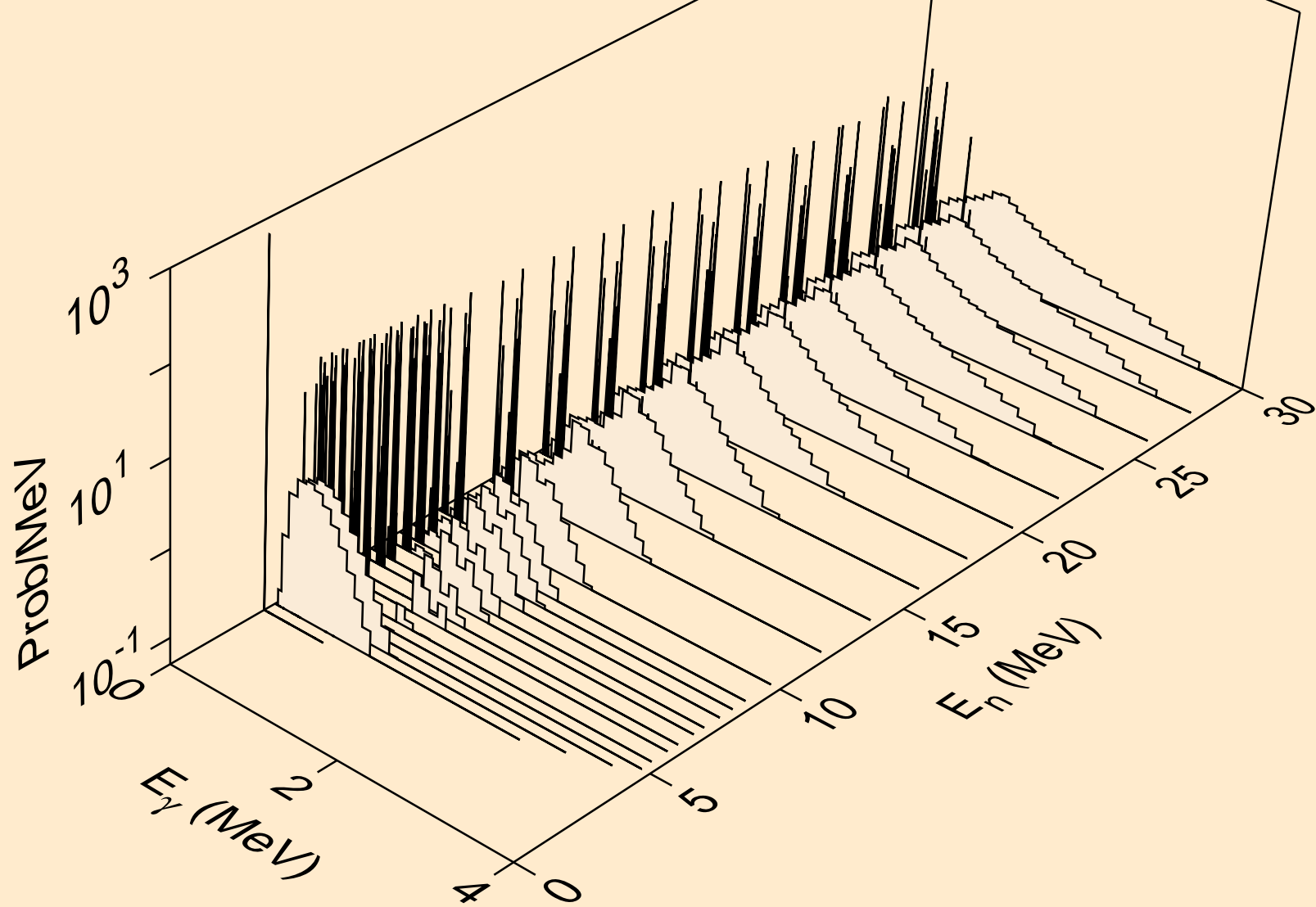
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



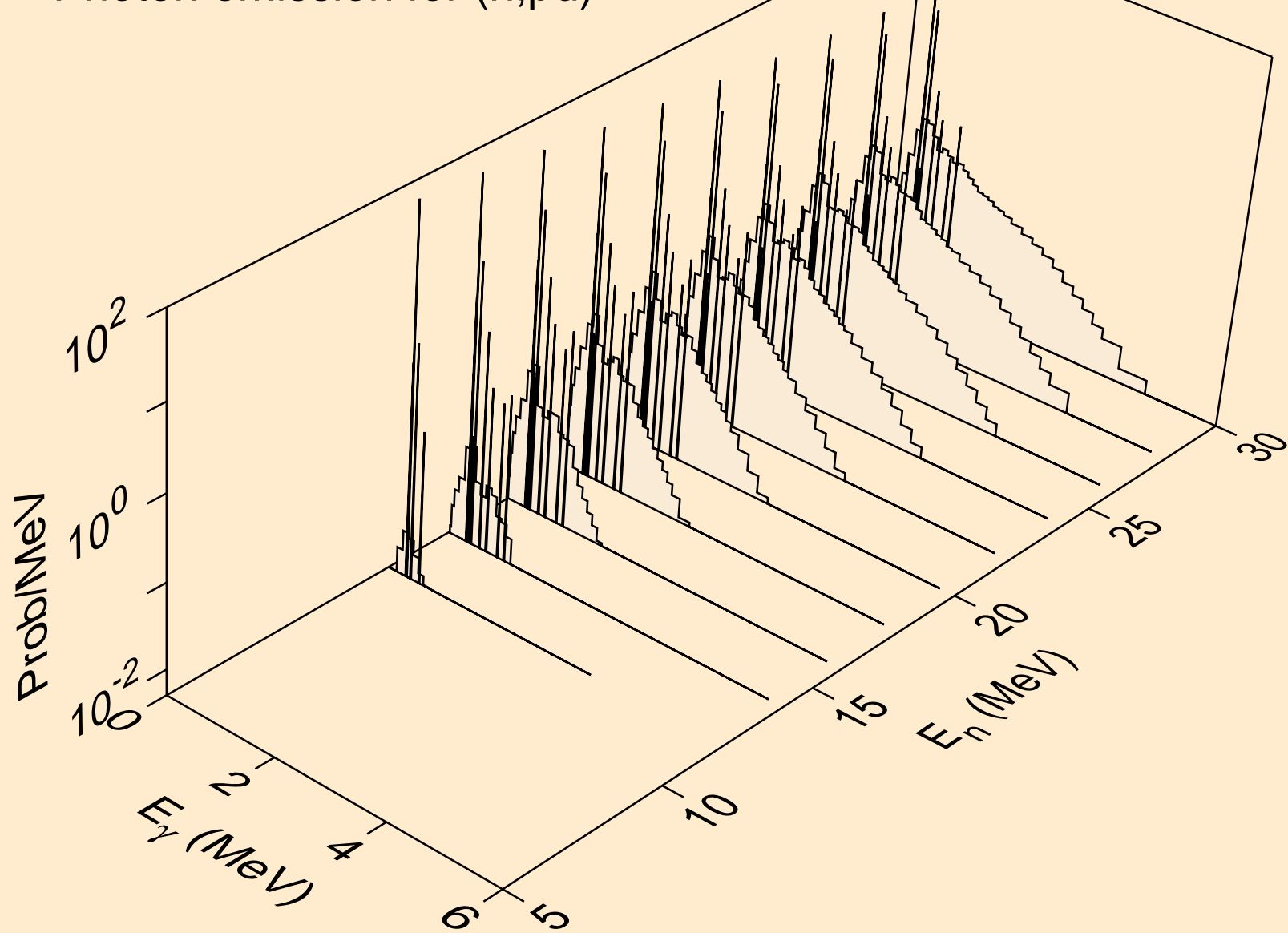
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



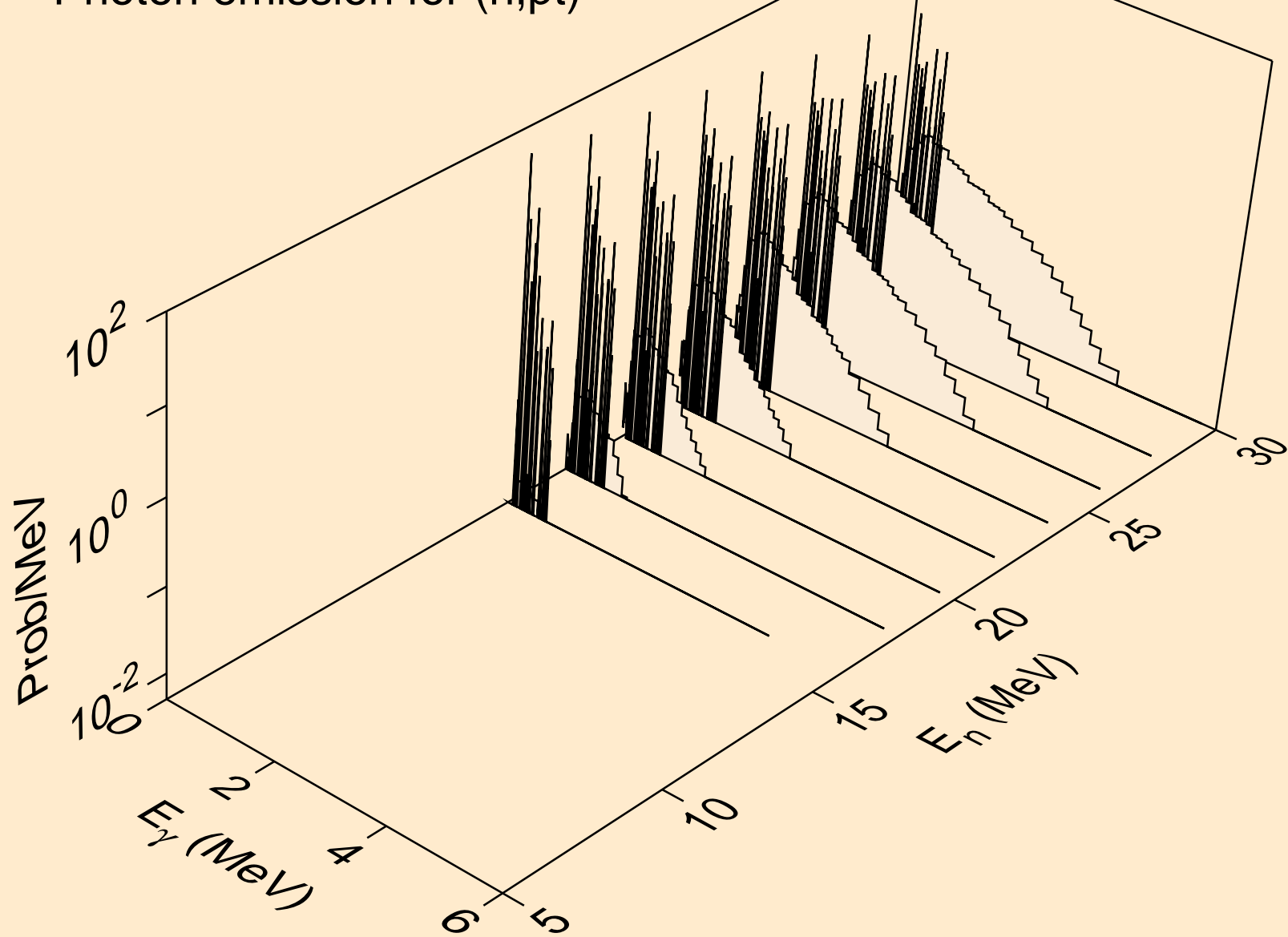
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

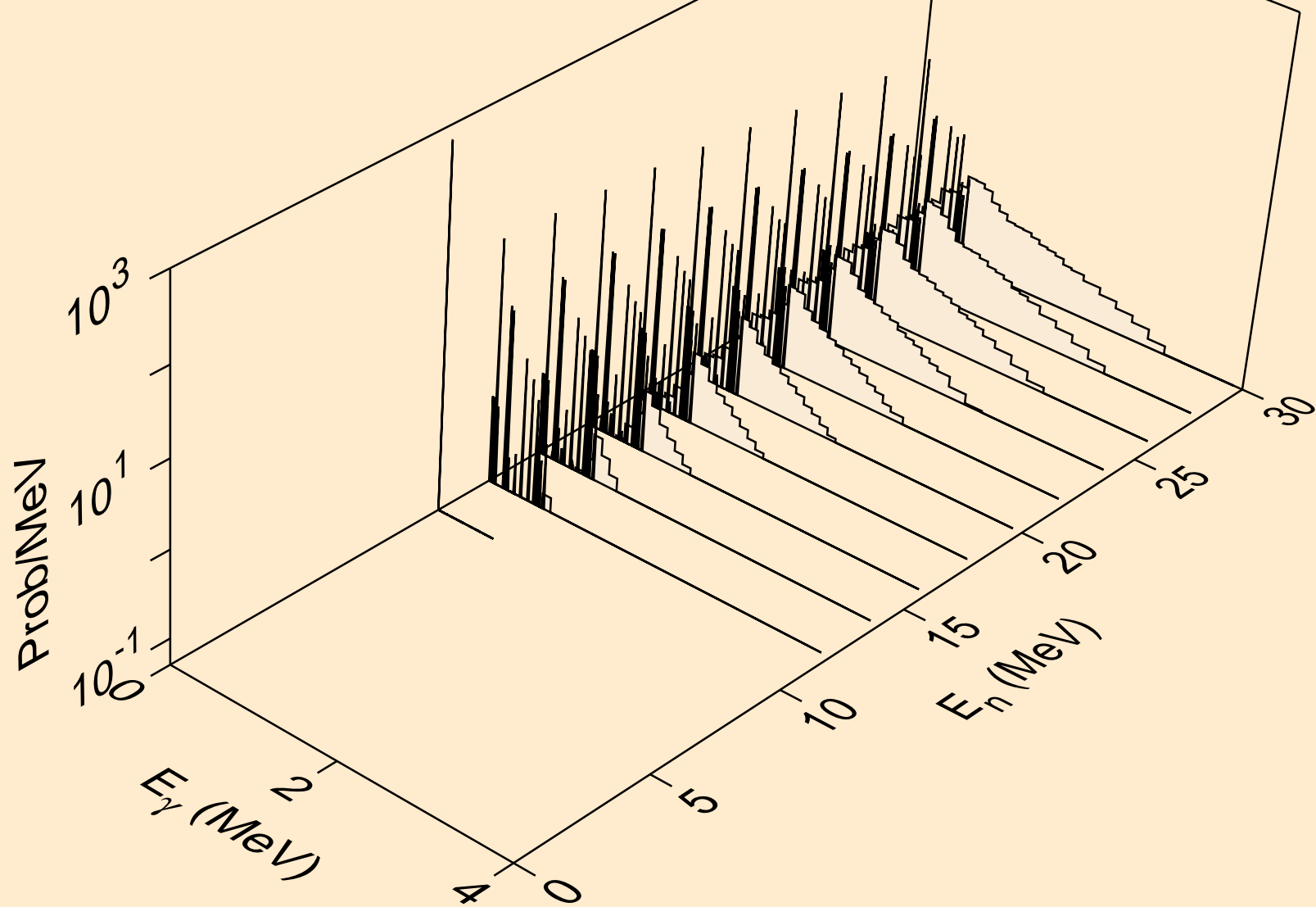


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

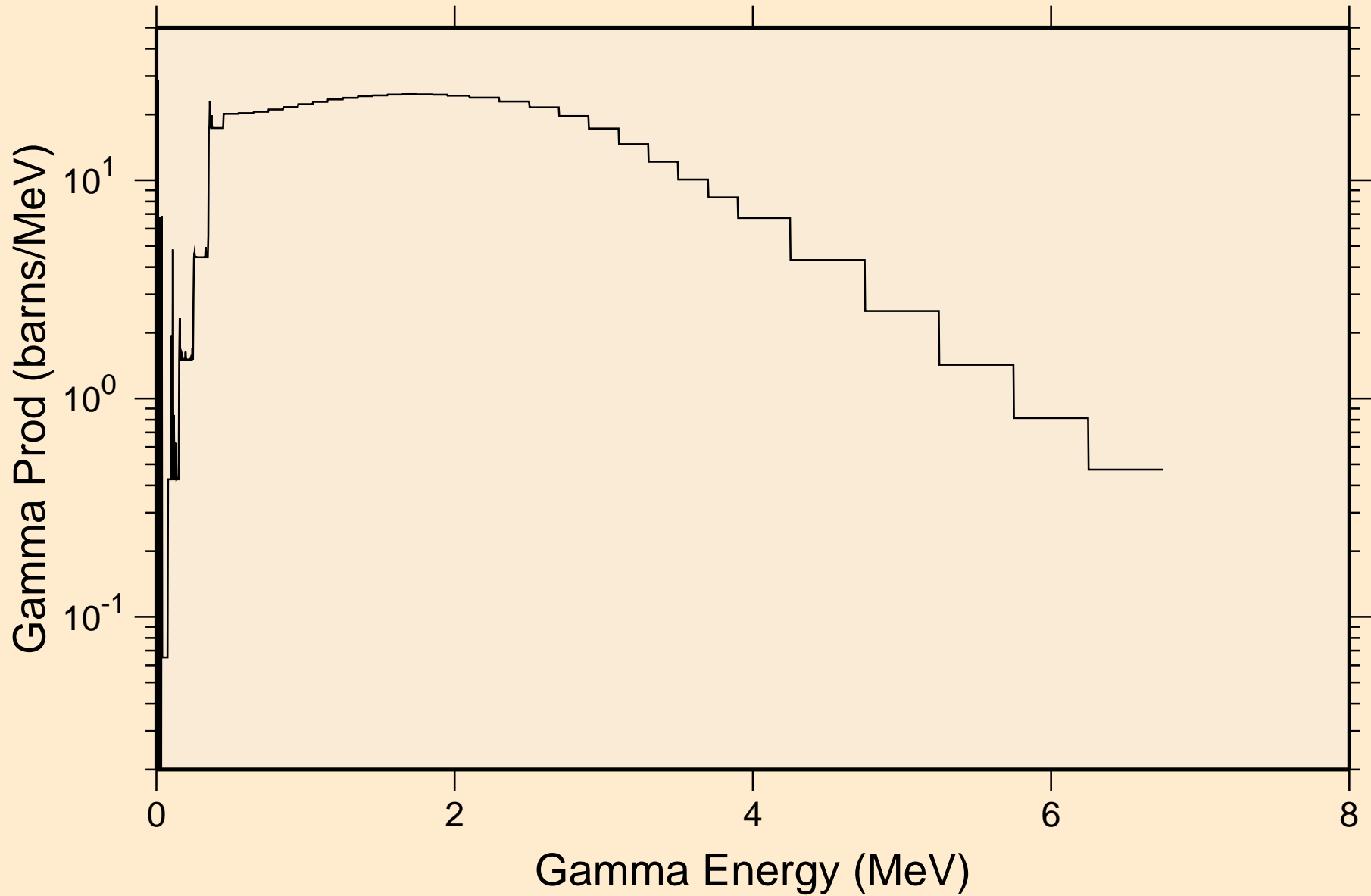




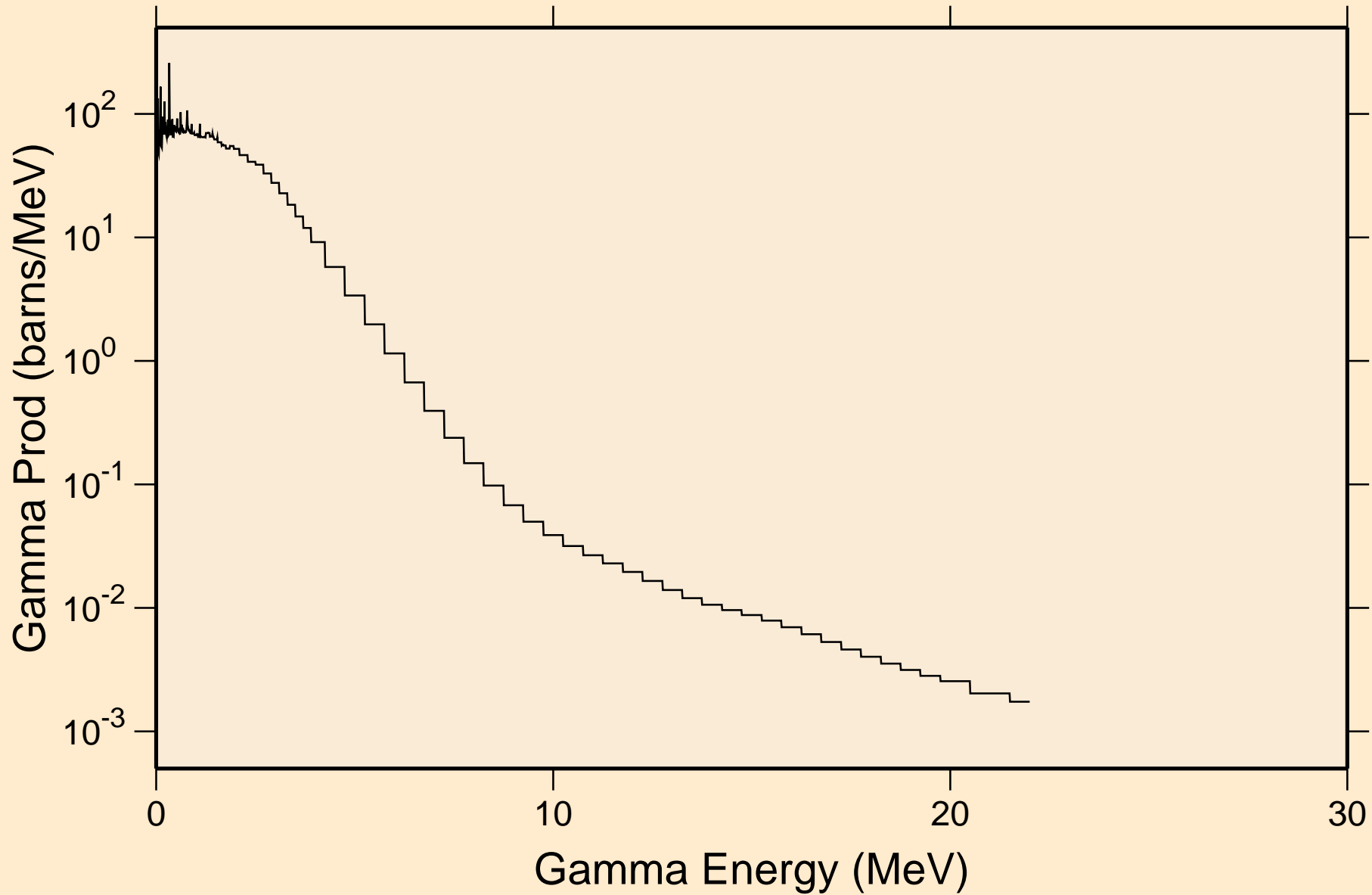
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

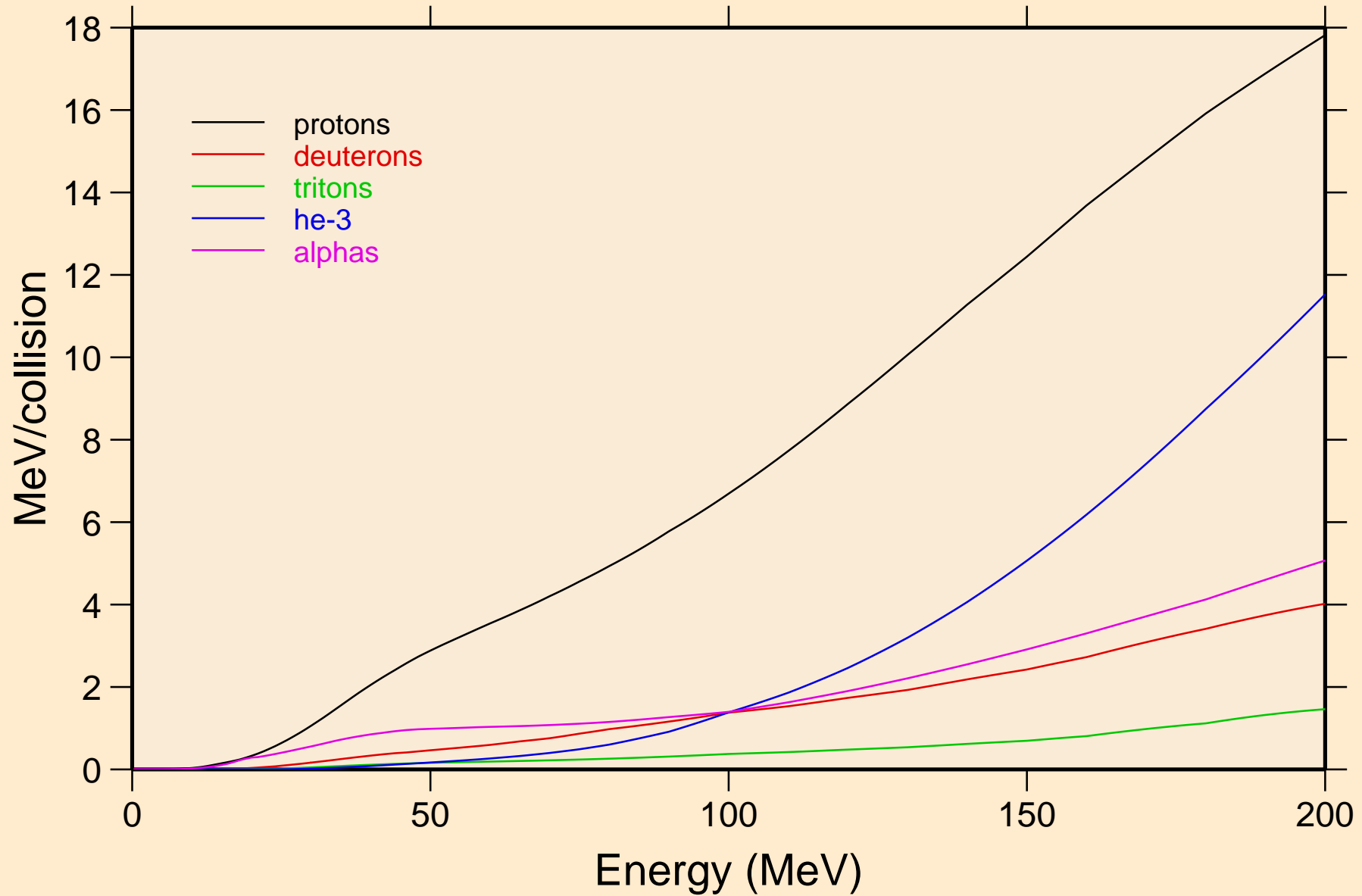


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

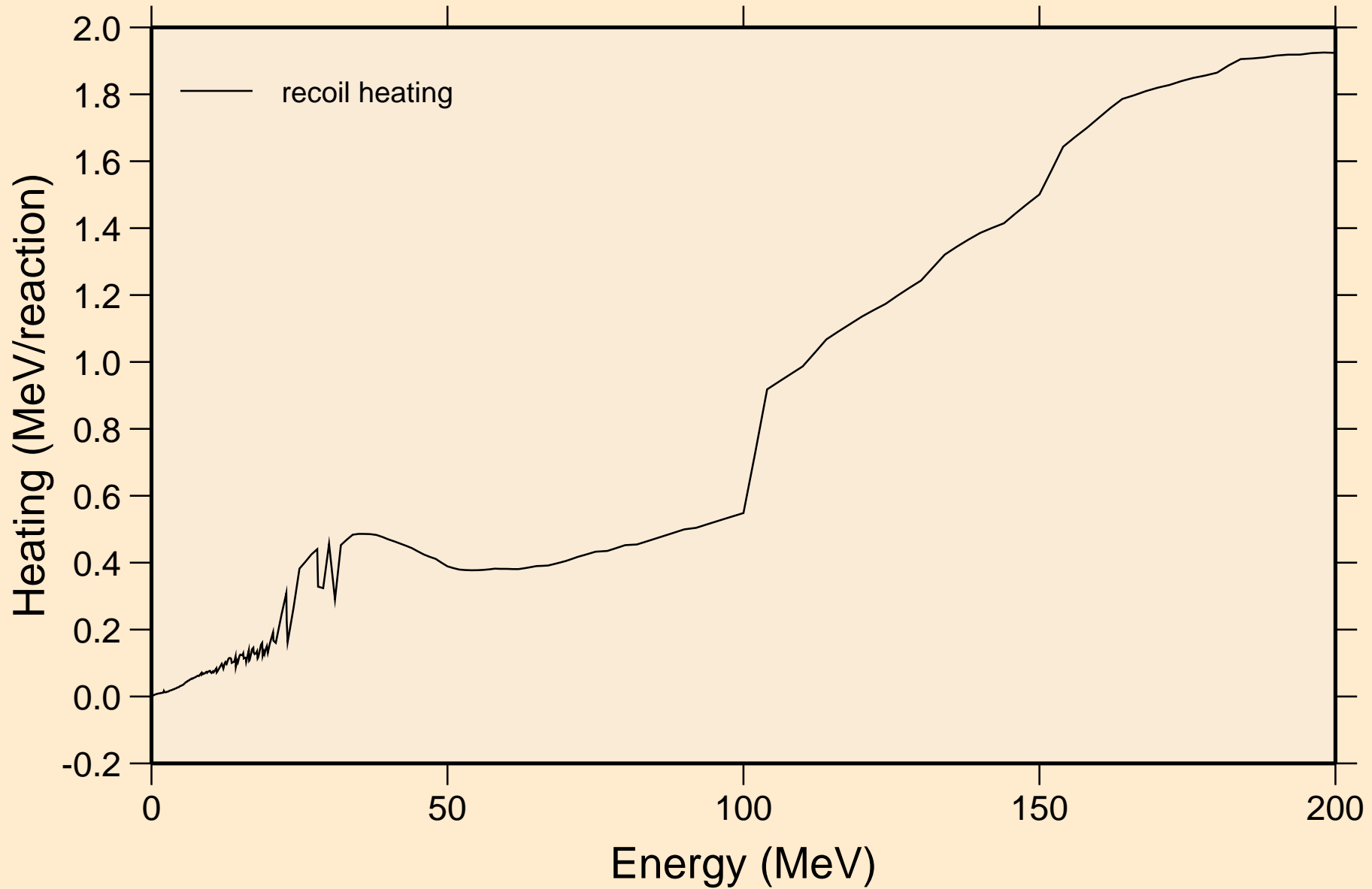


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

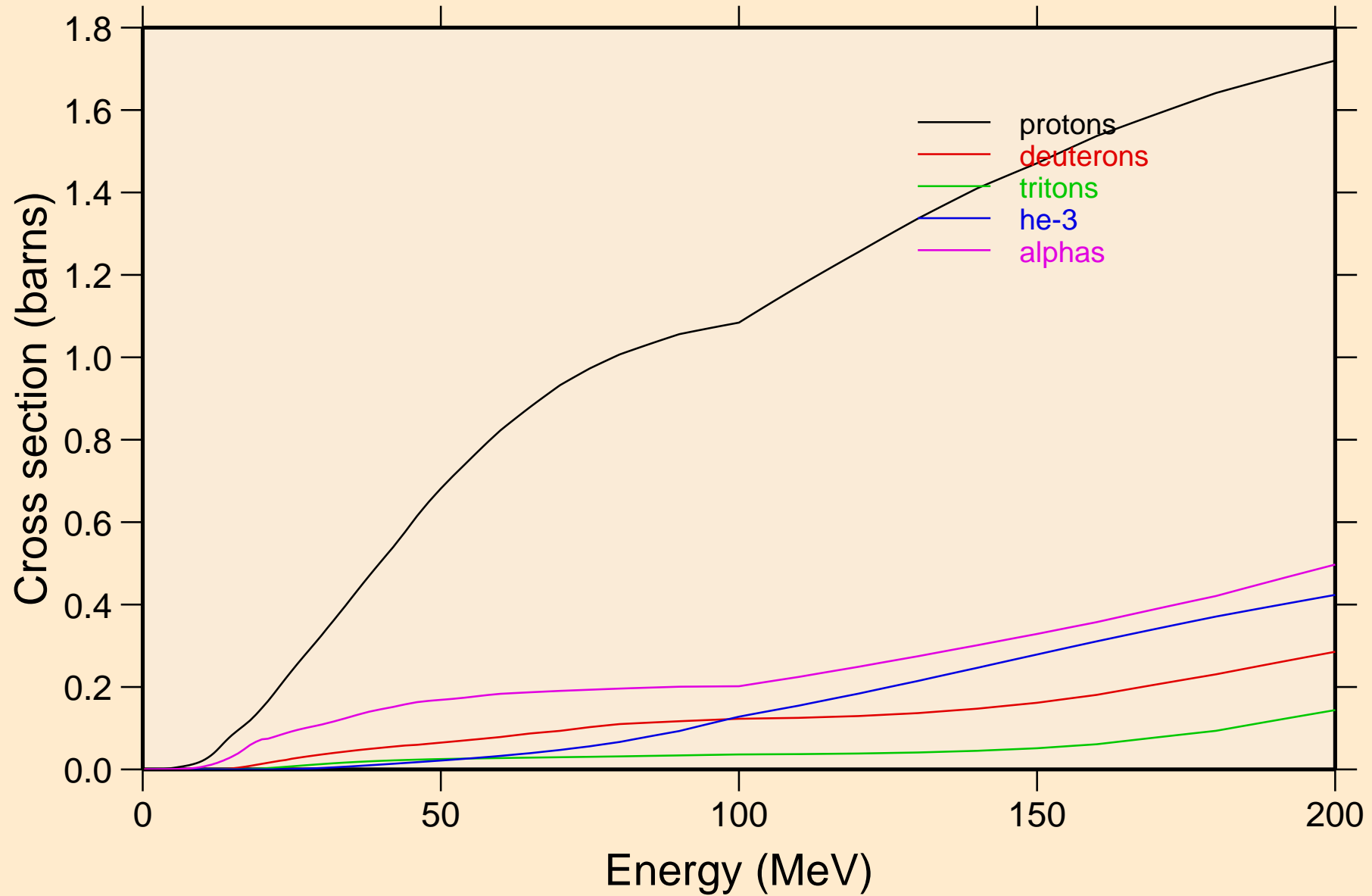


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

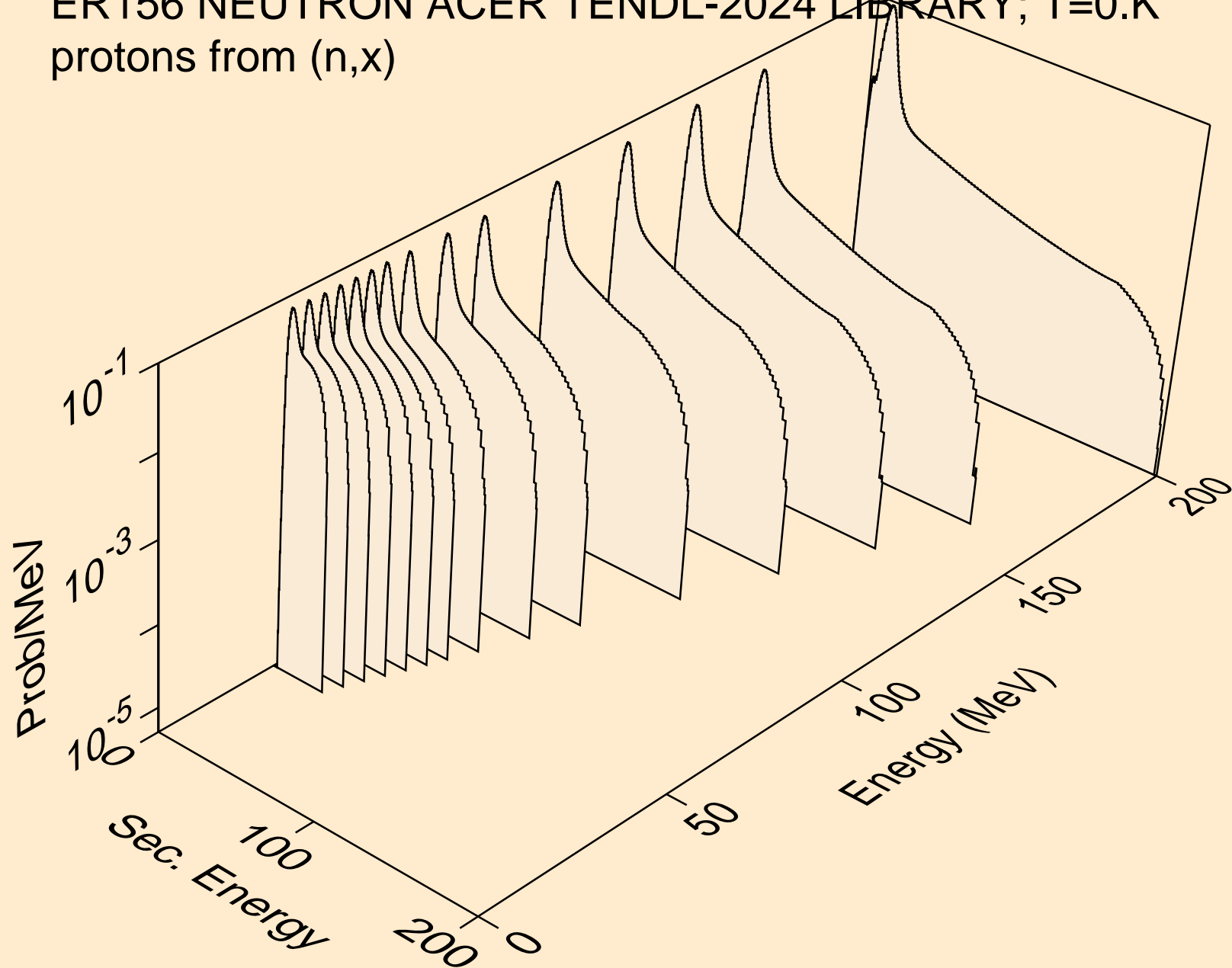


# ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

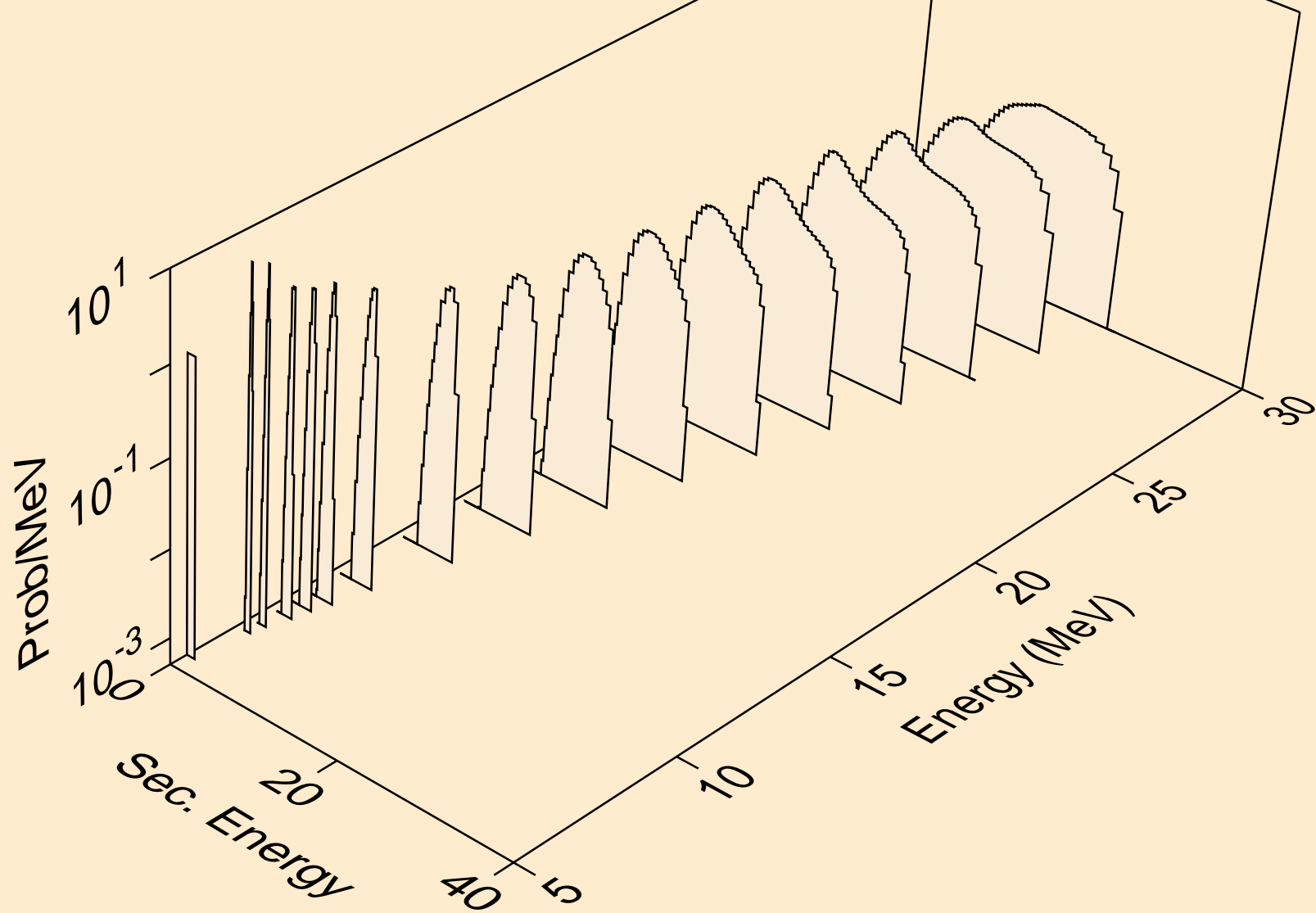
## Particle production cross sections



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

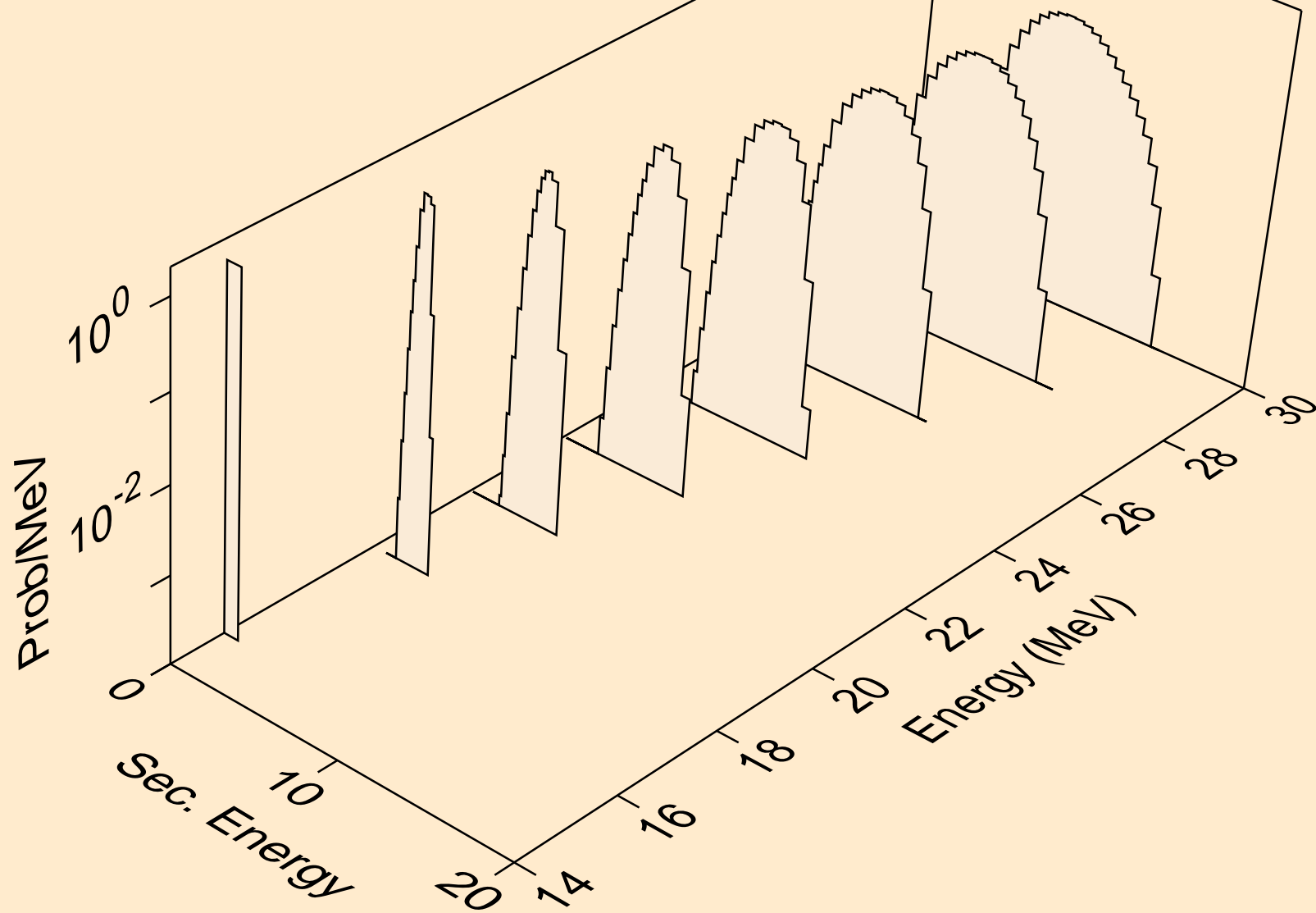


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

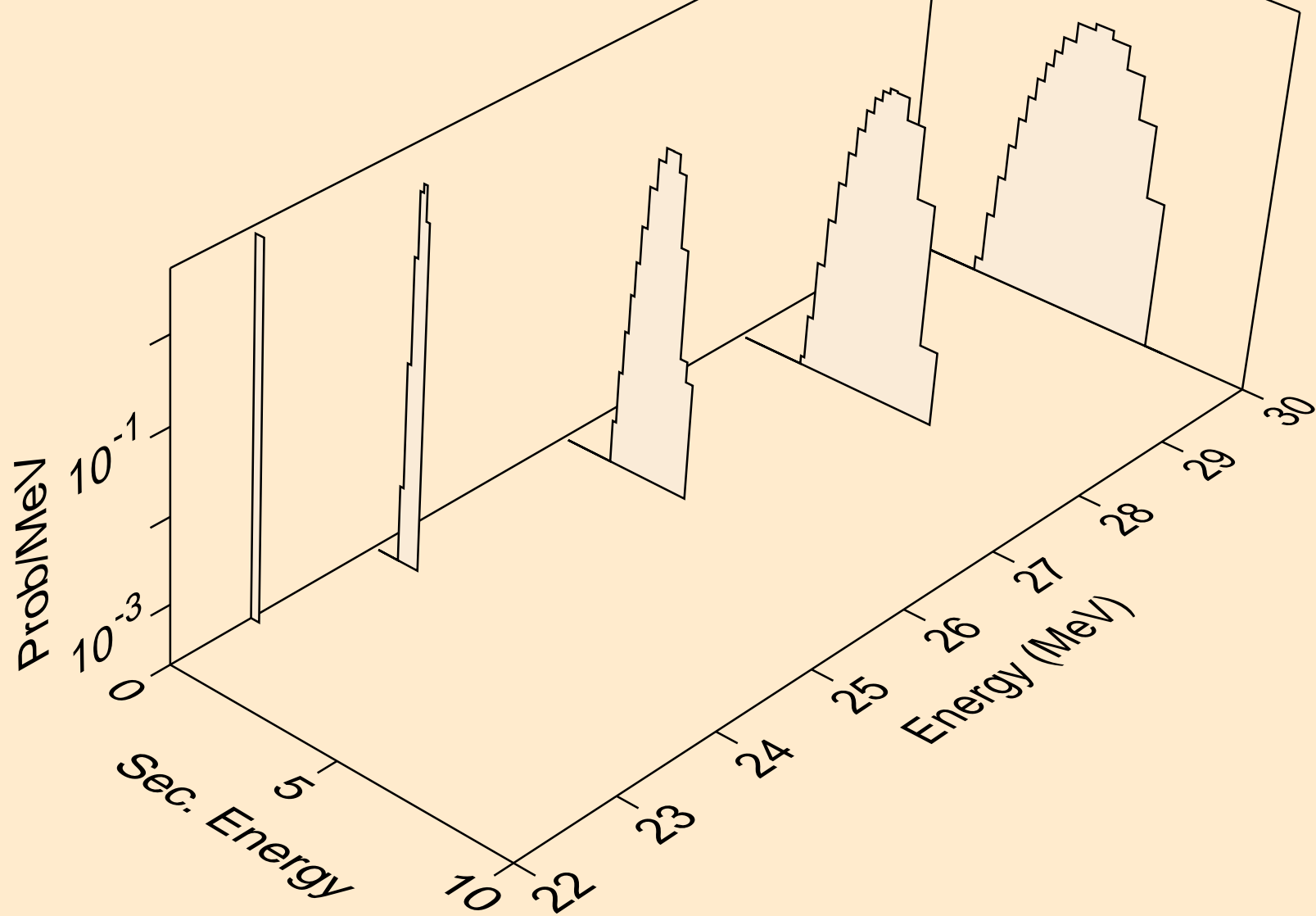




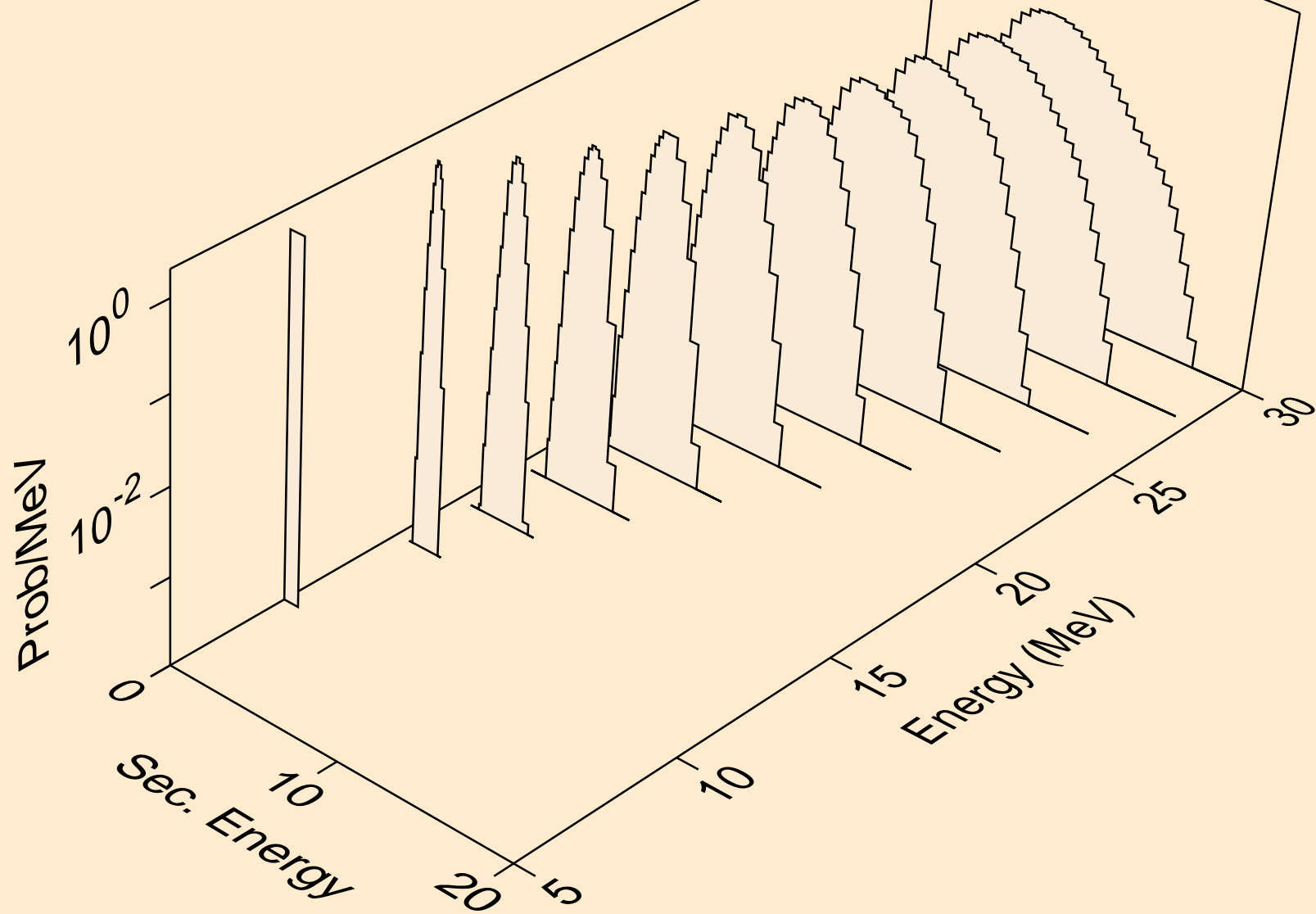
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



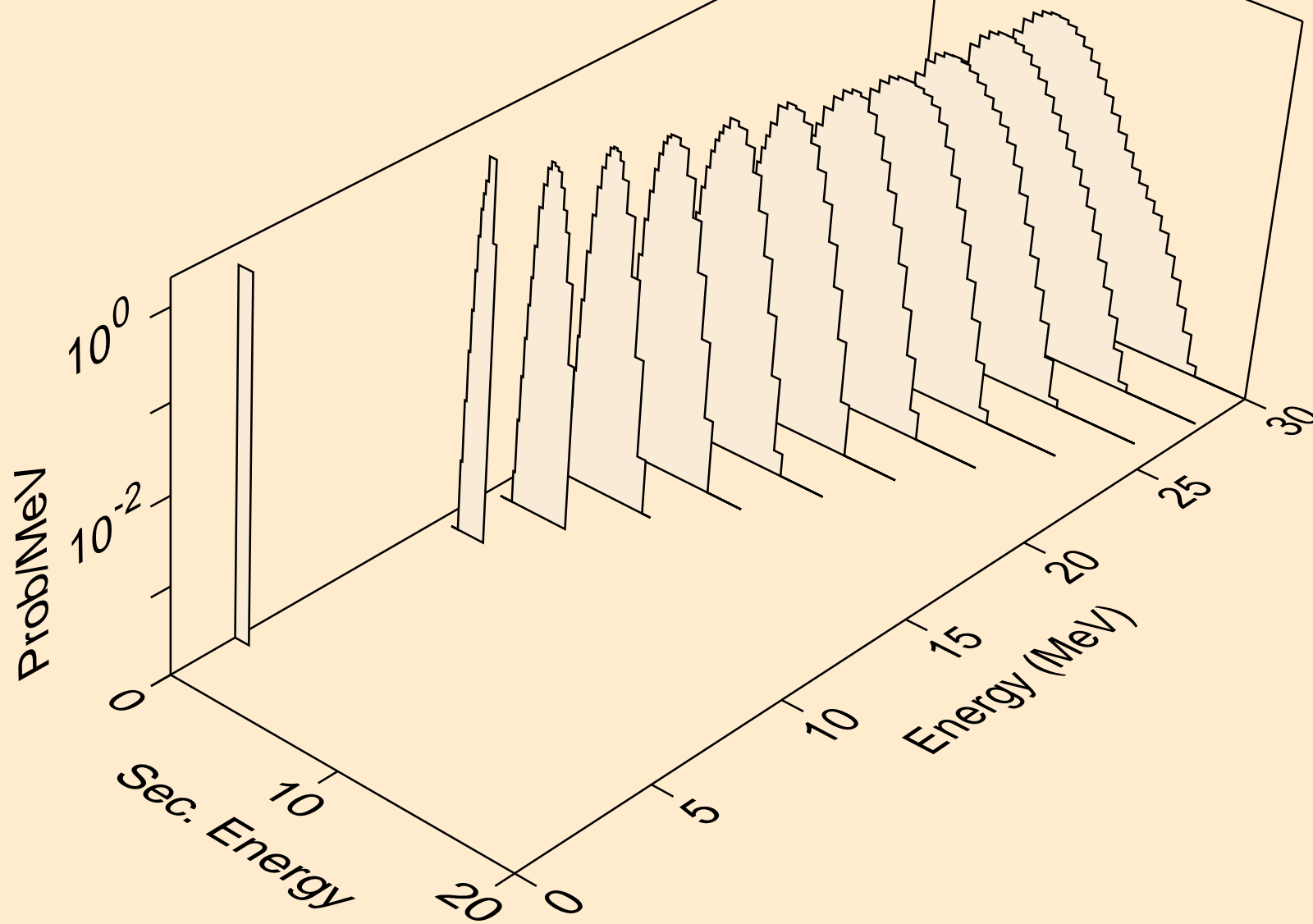
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



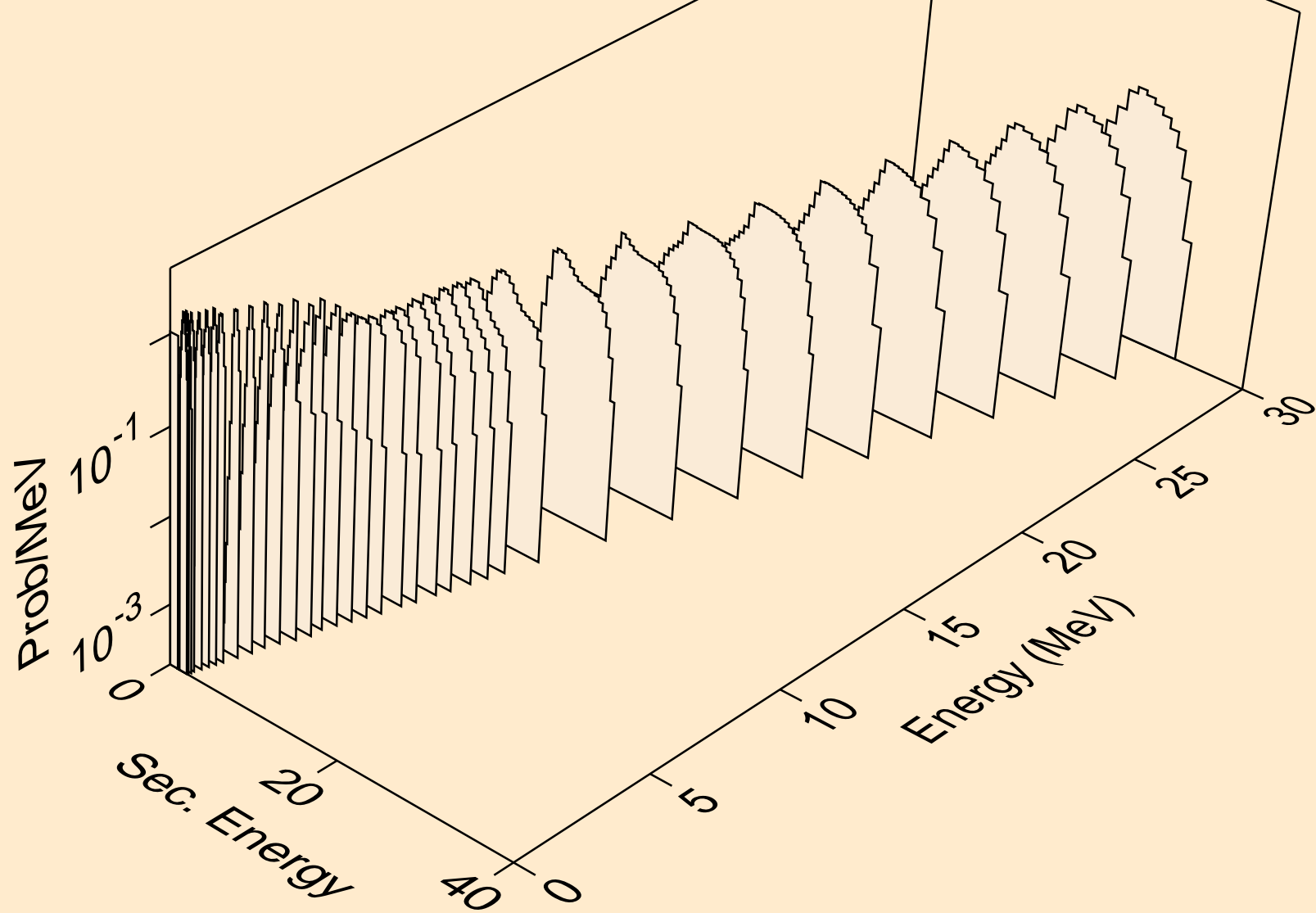
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



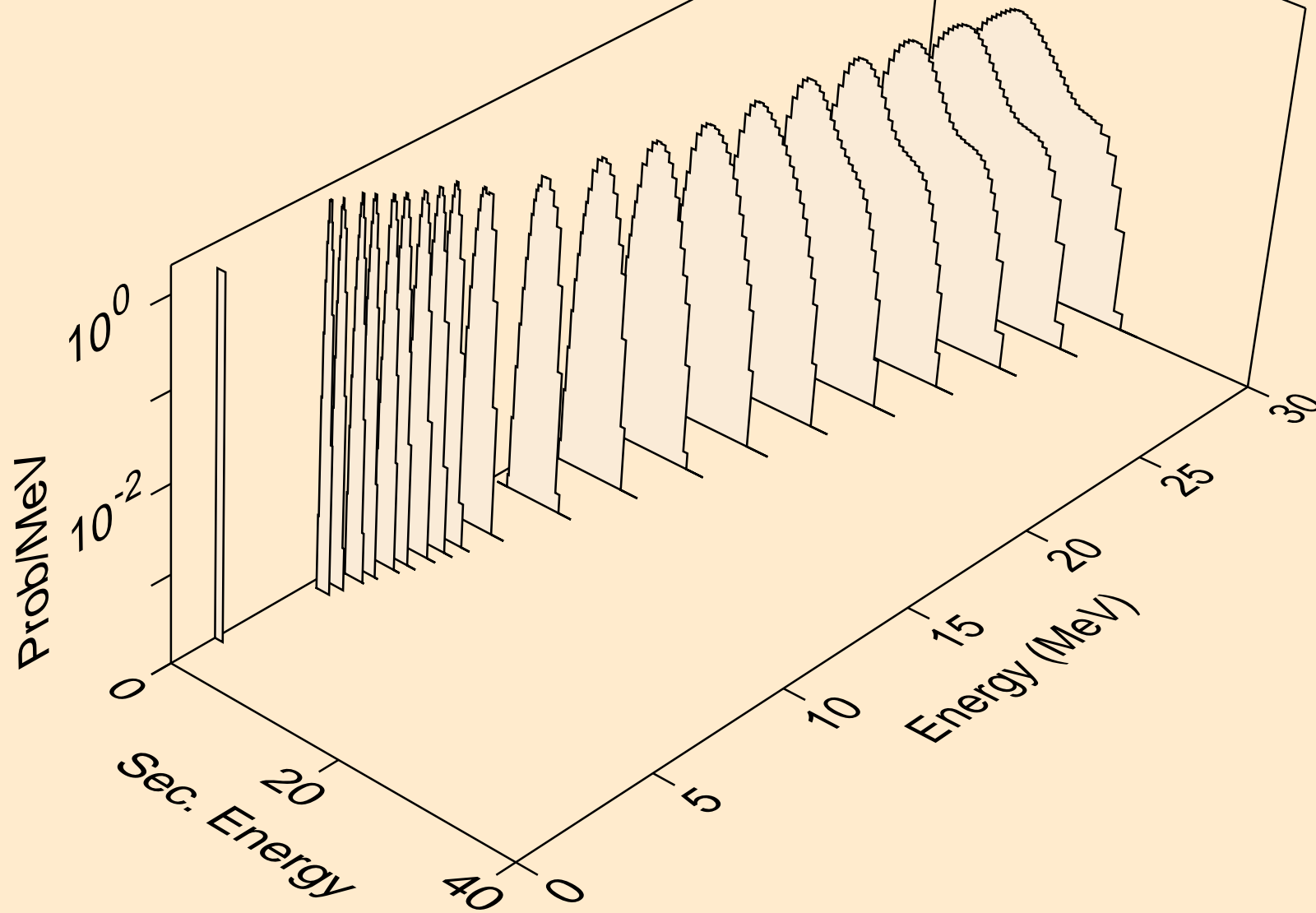
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protons from (n,npa)



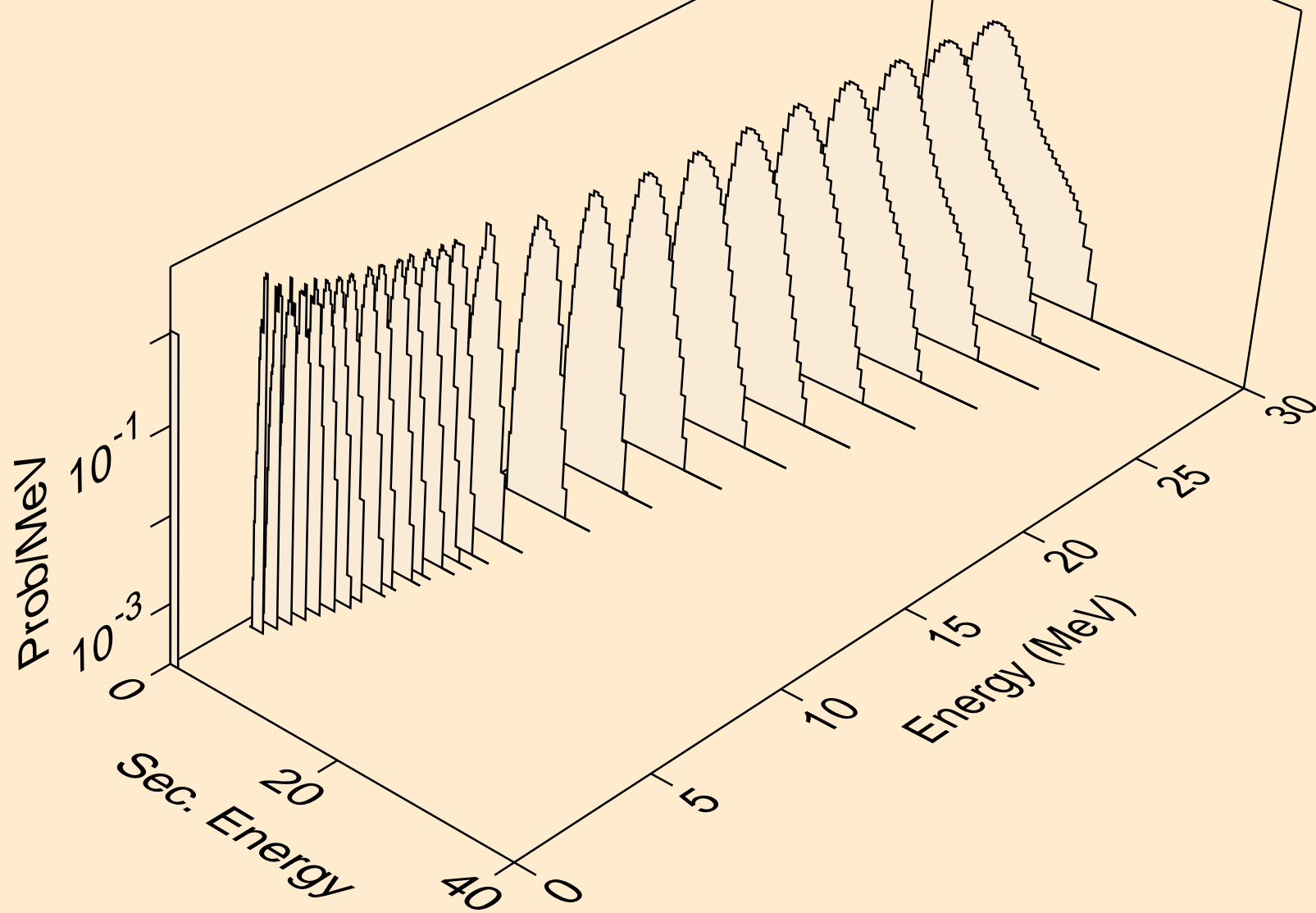
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protons from (n,p)



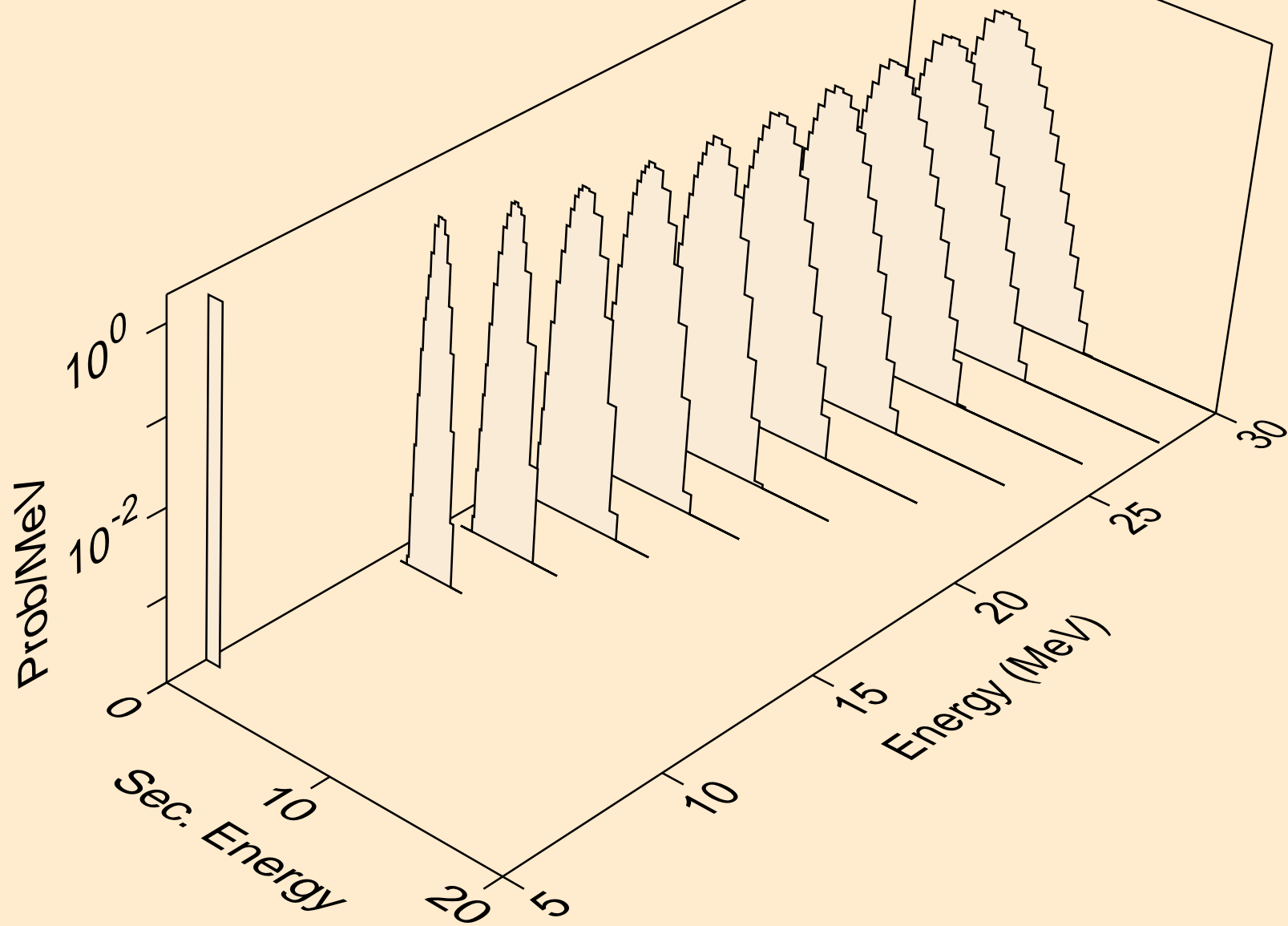
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

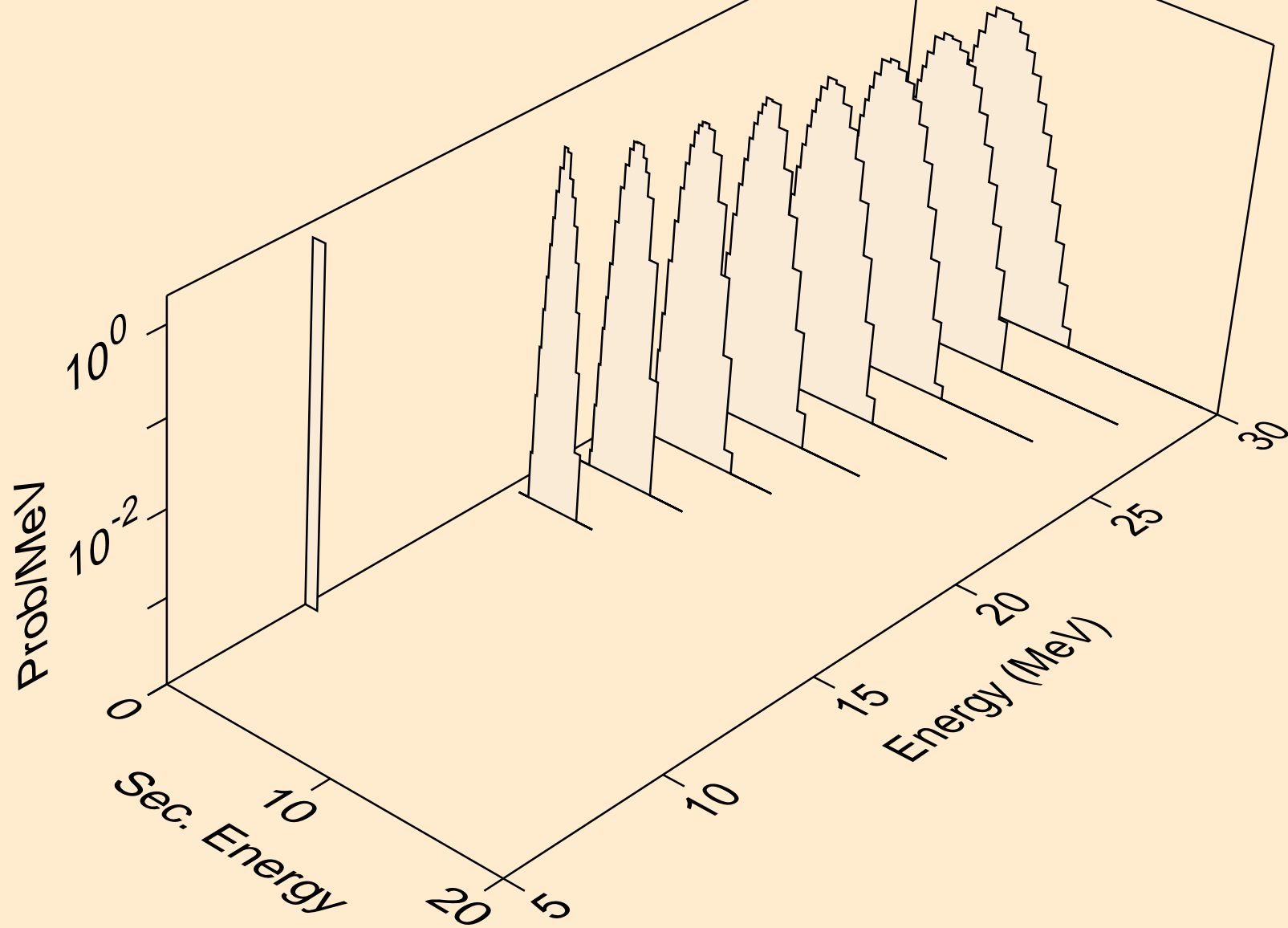


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

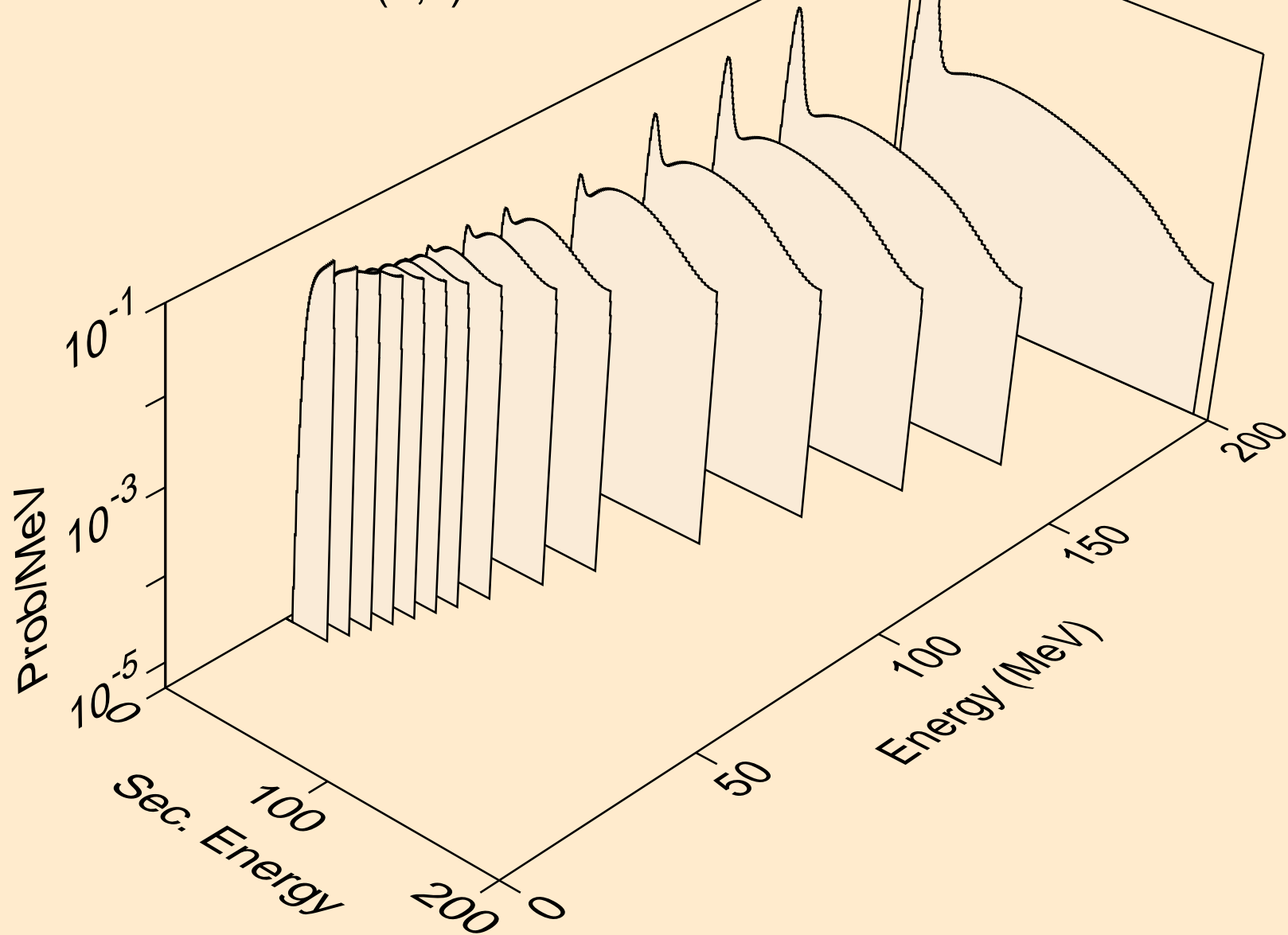




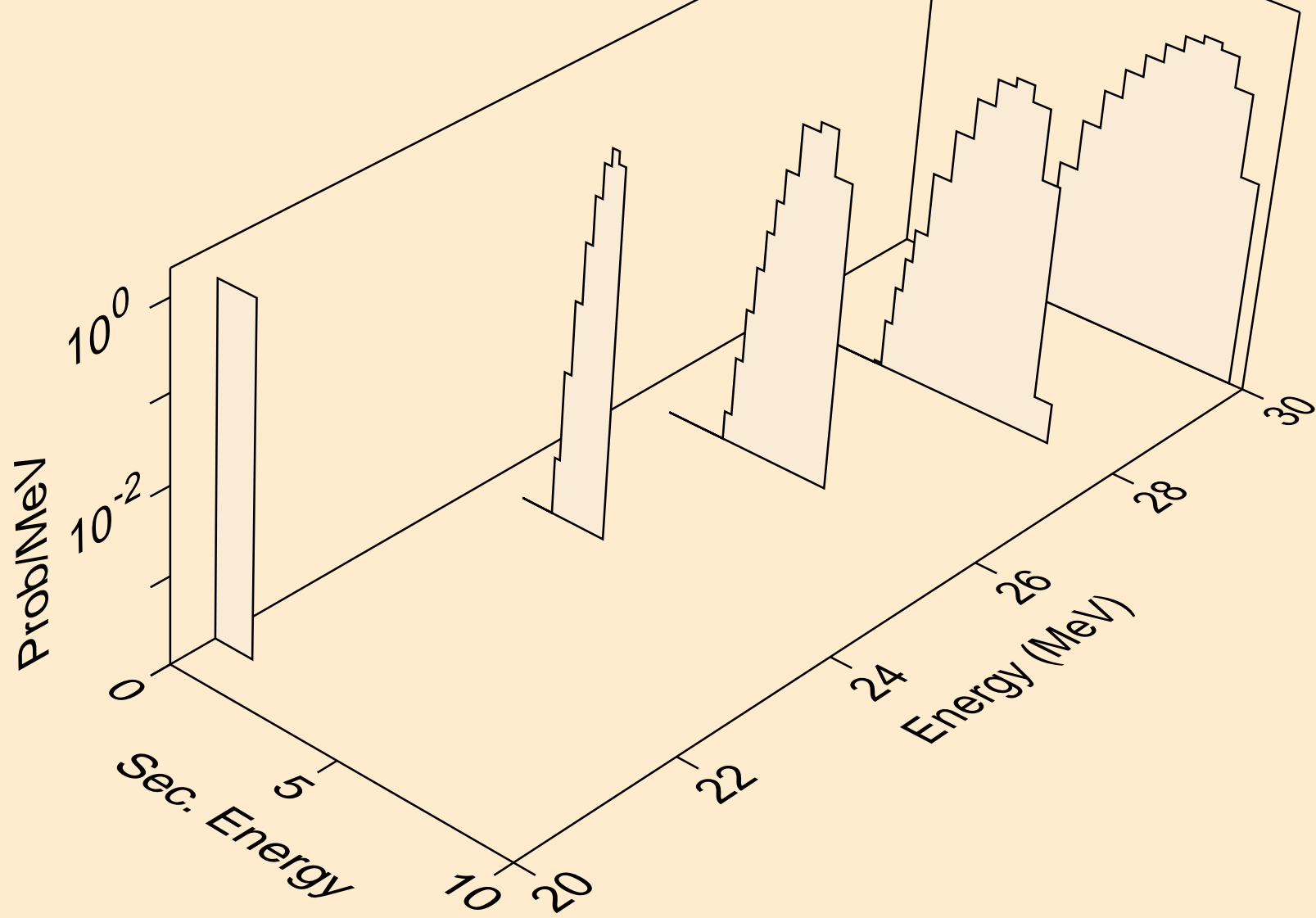
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



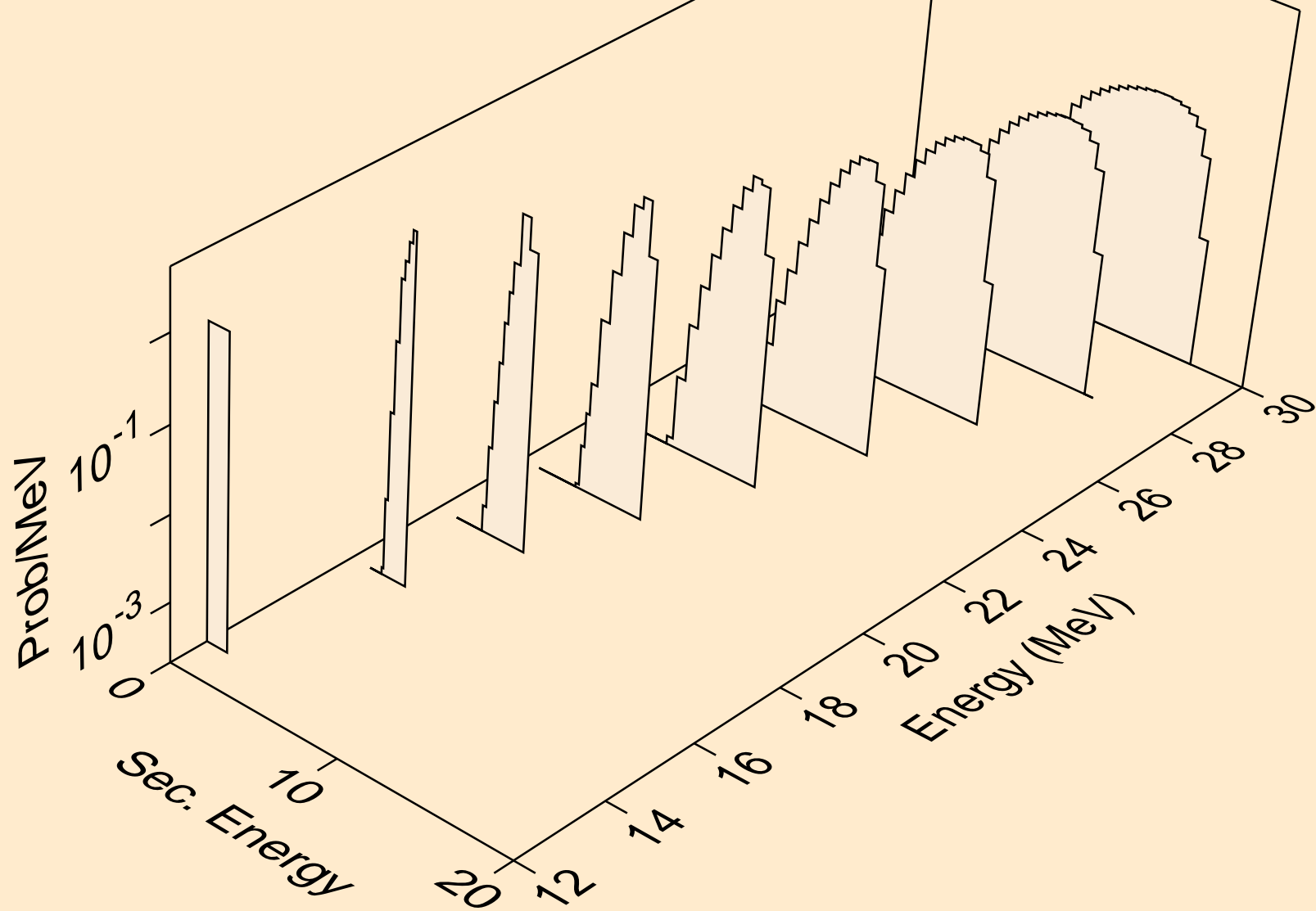
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



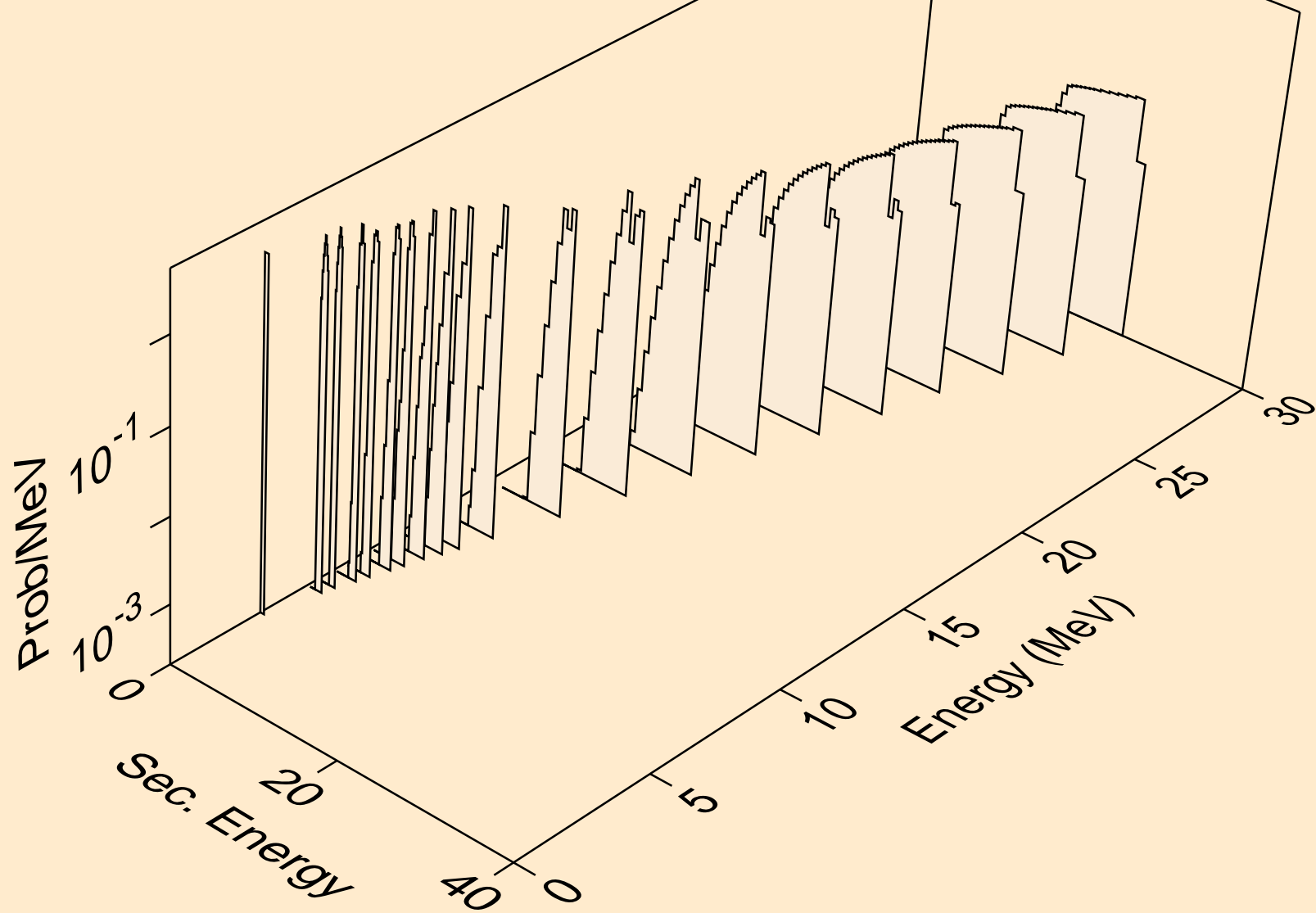
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



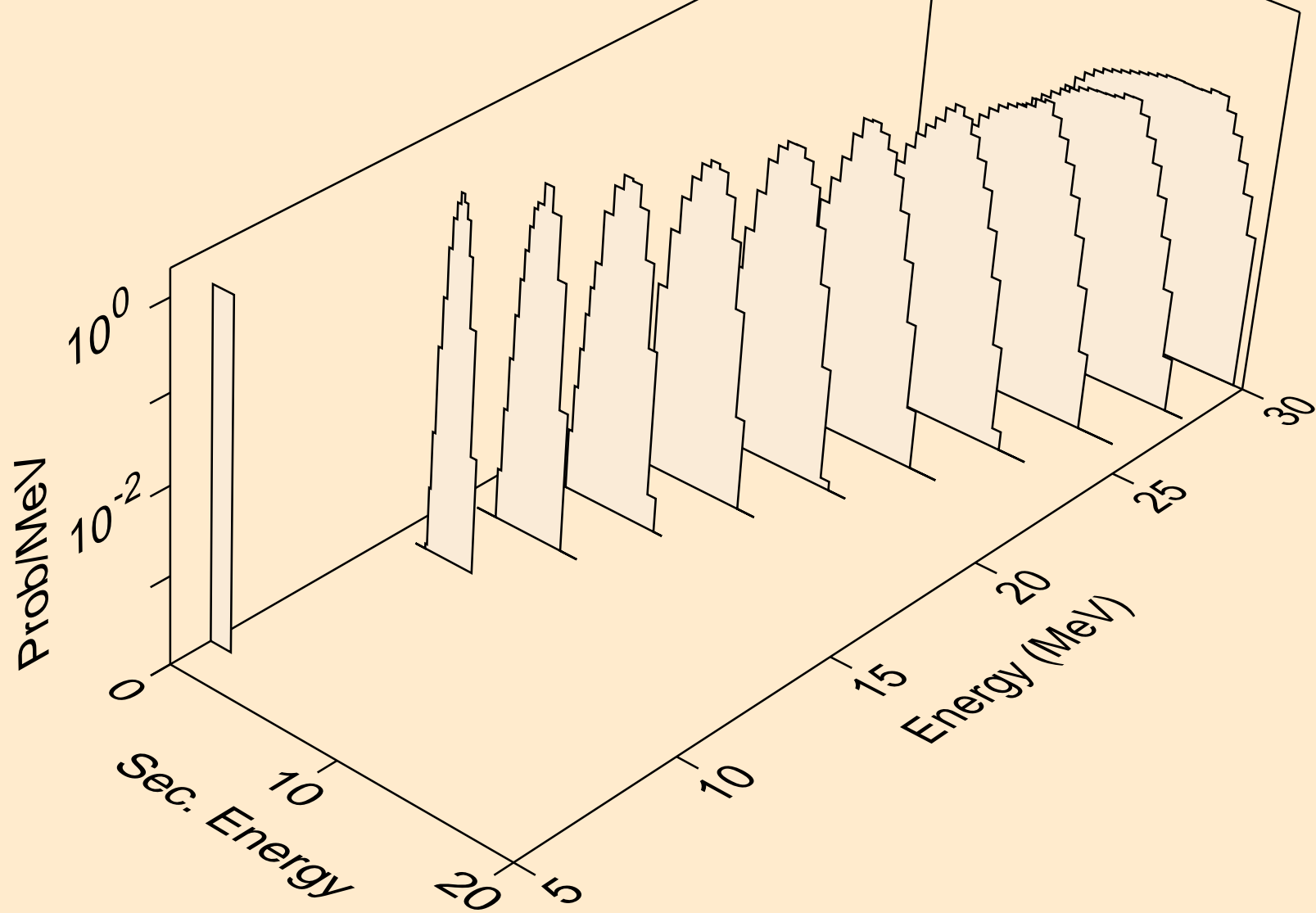
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



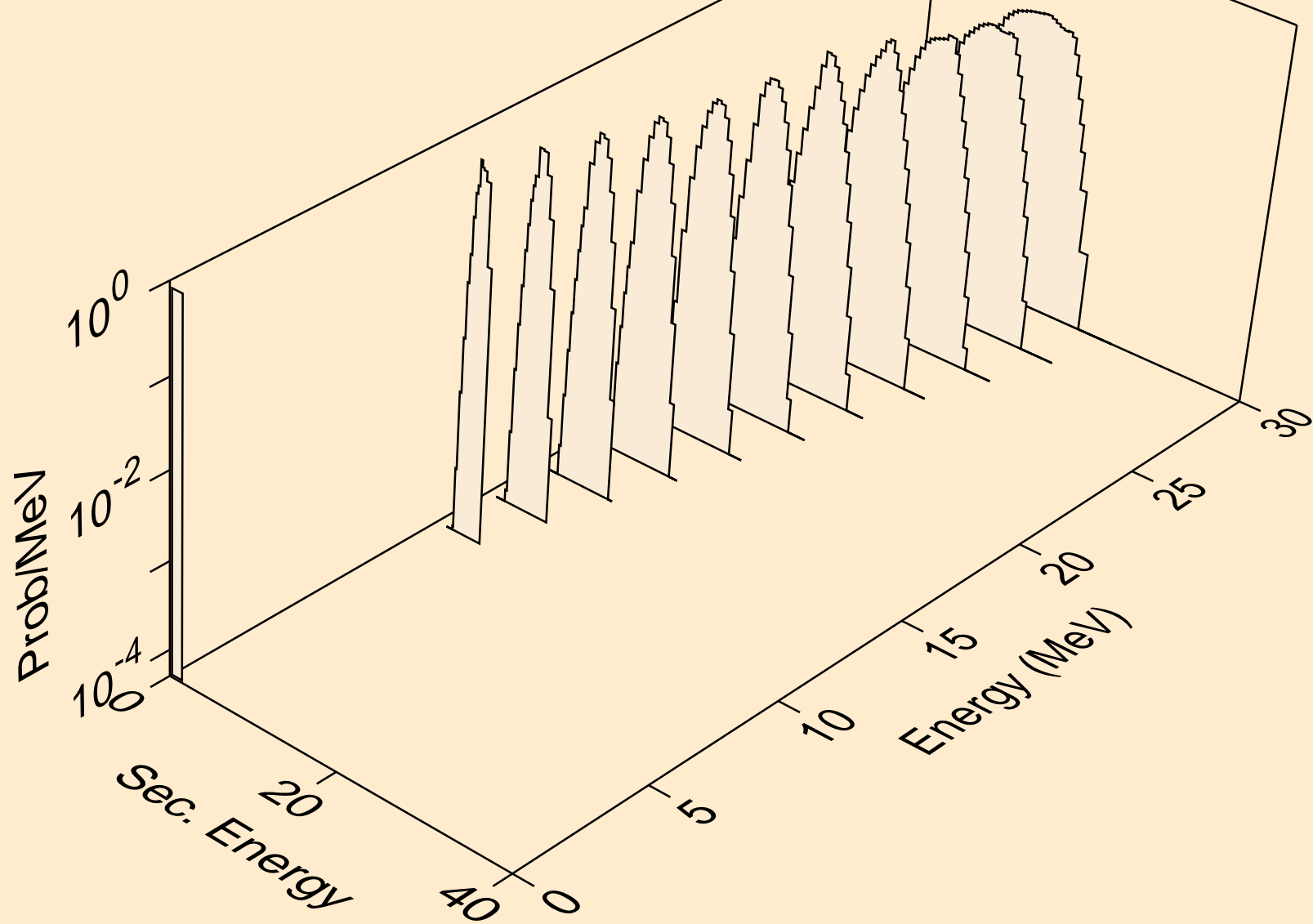
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deuterons from (n,d)



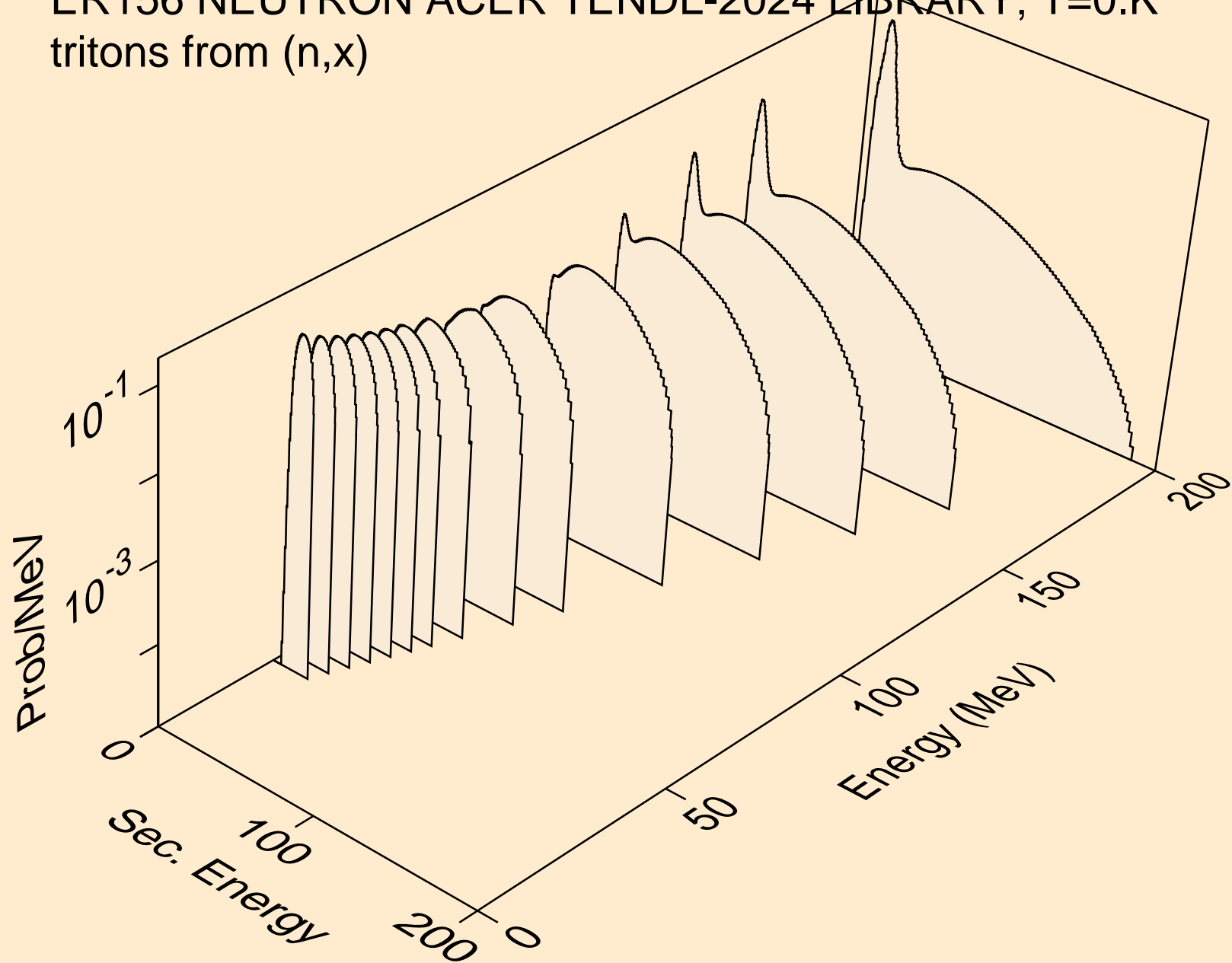
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

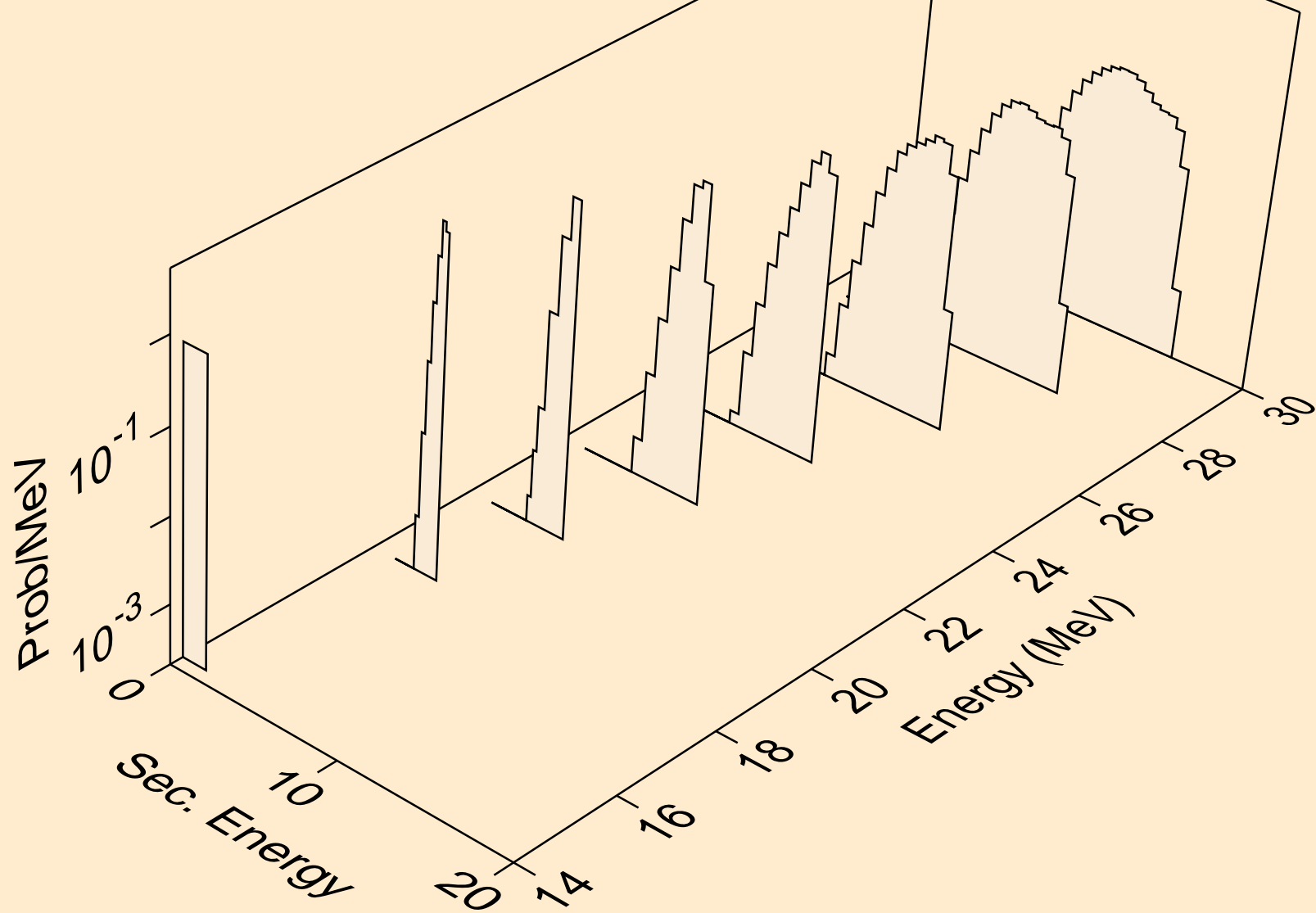


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

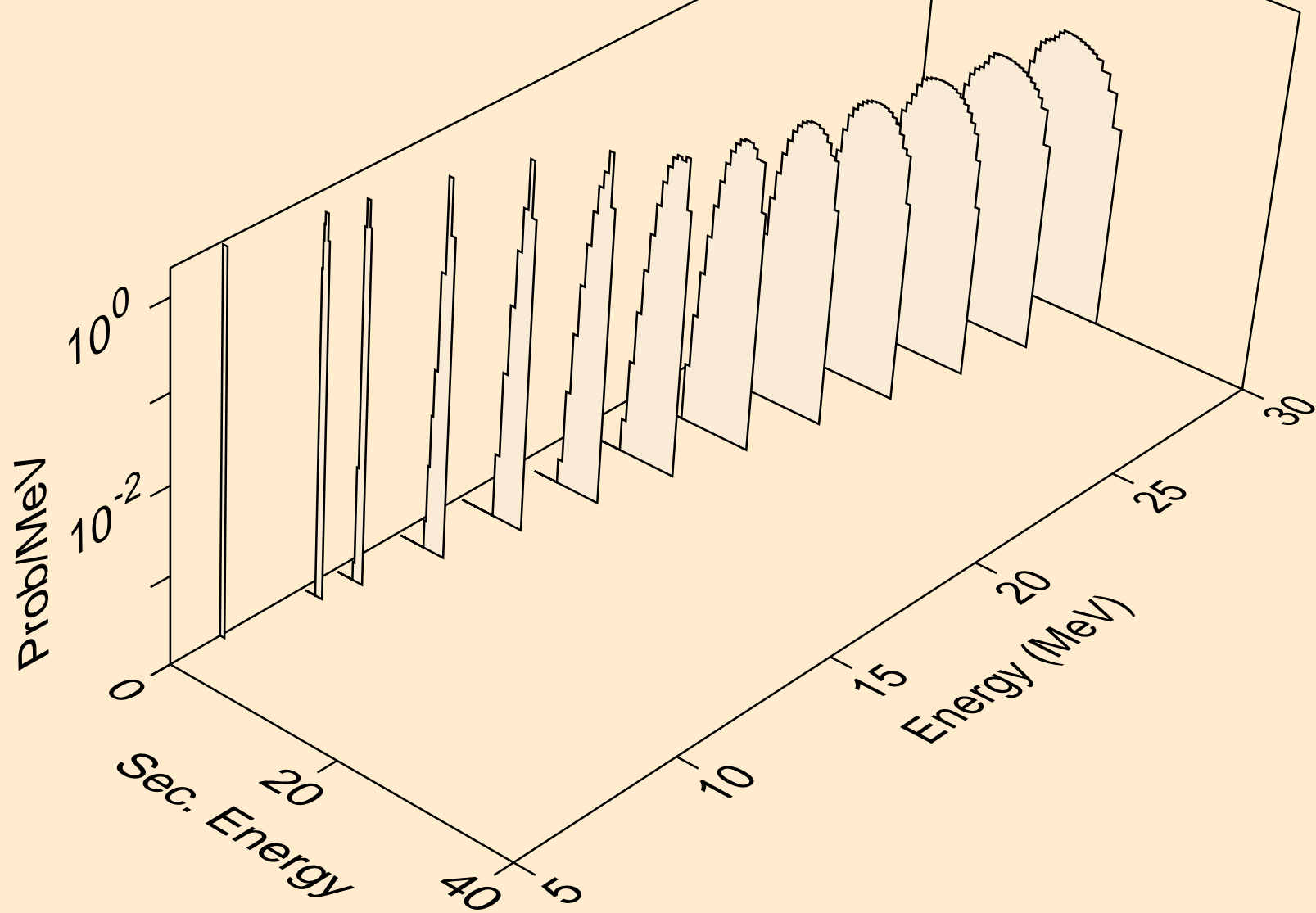




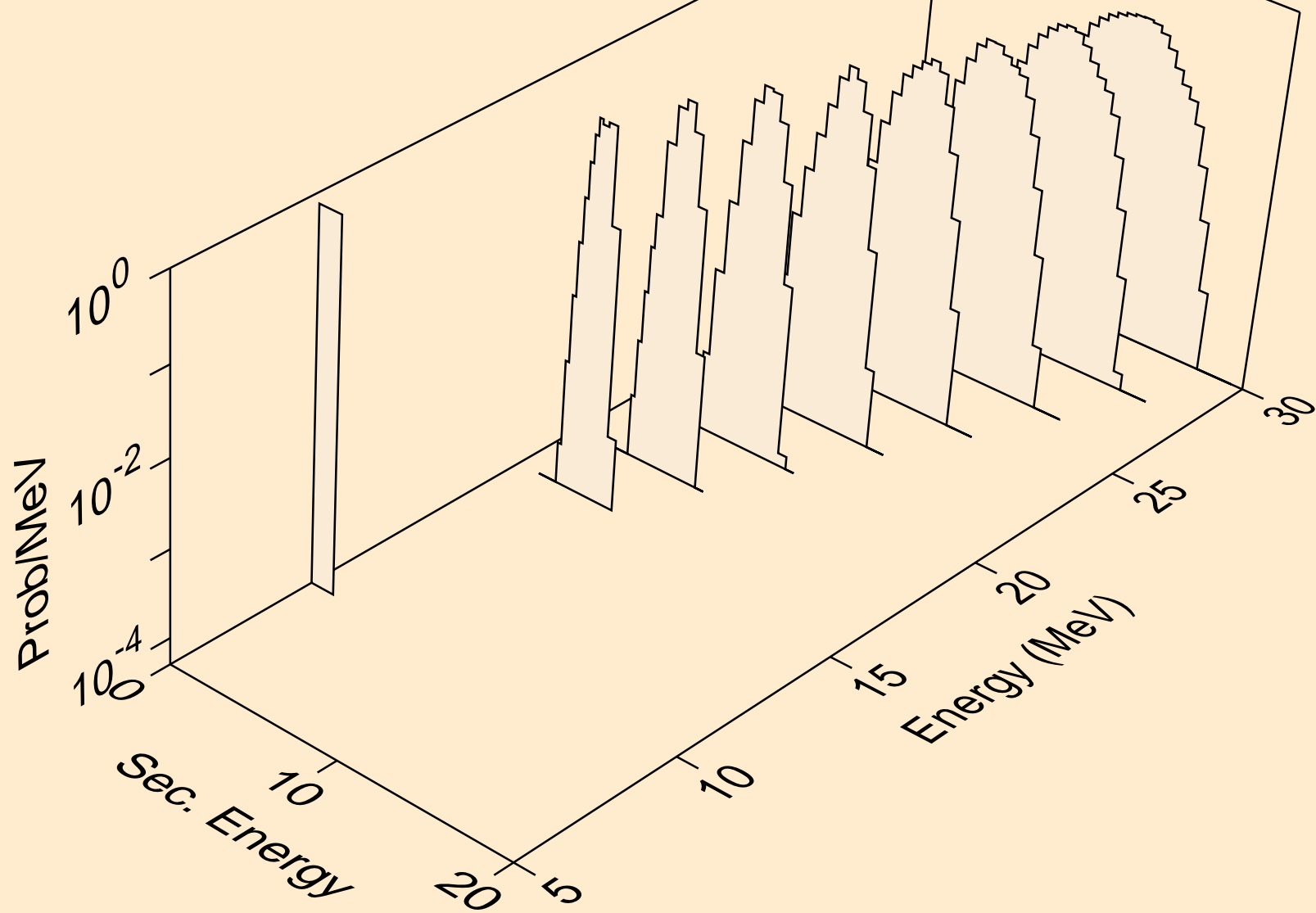
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



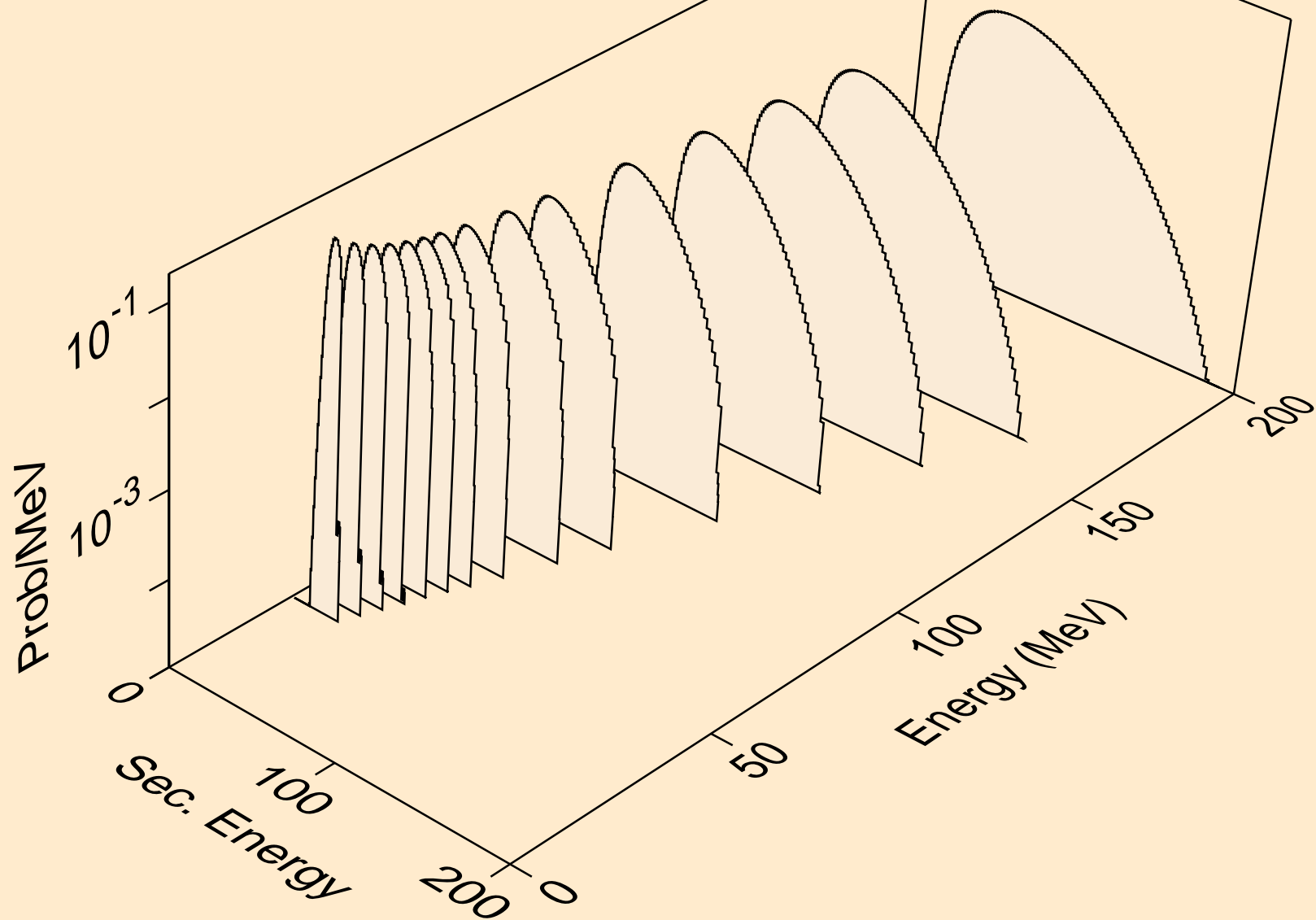
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



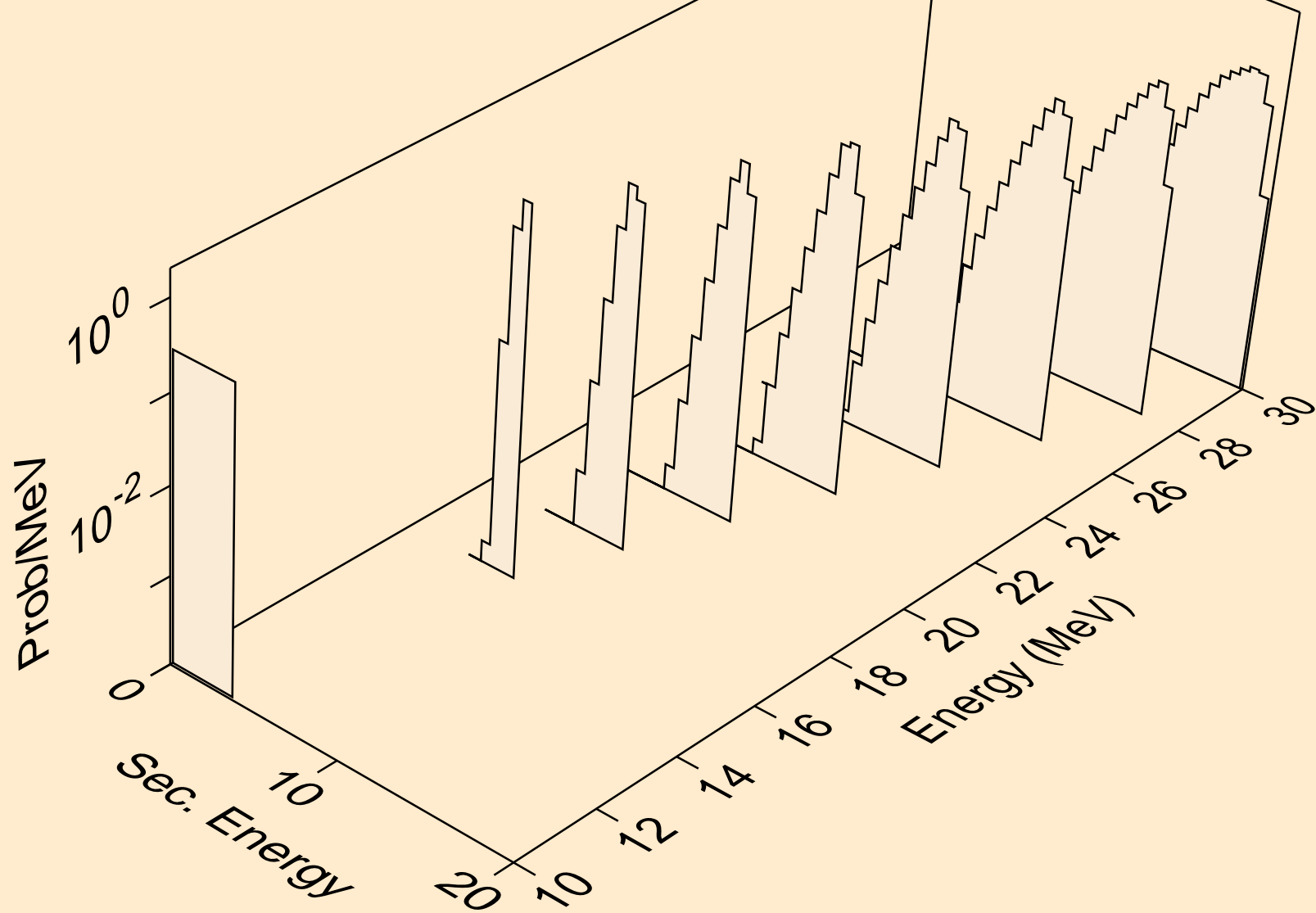
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



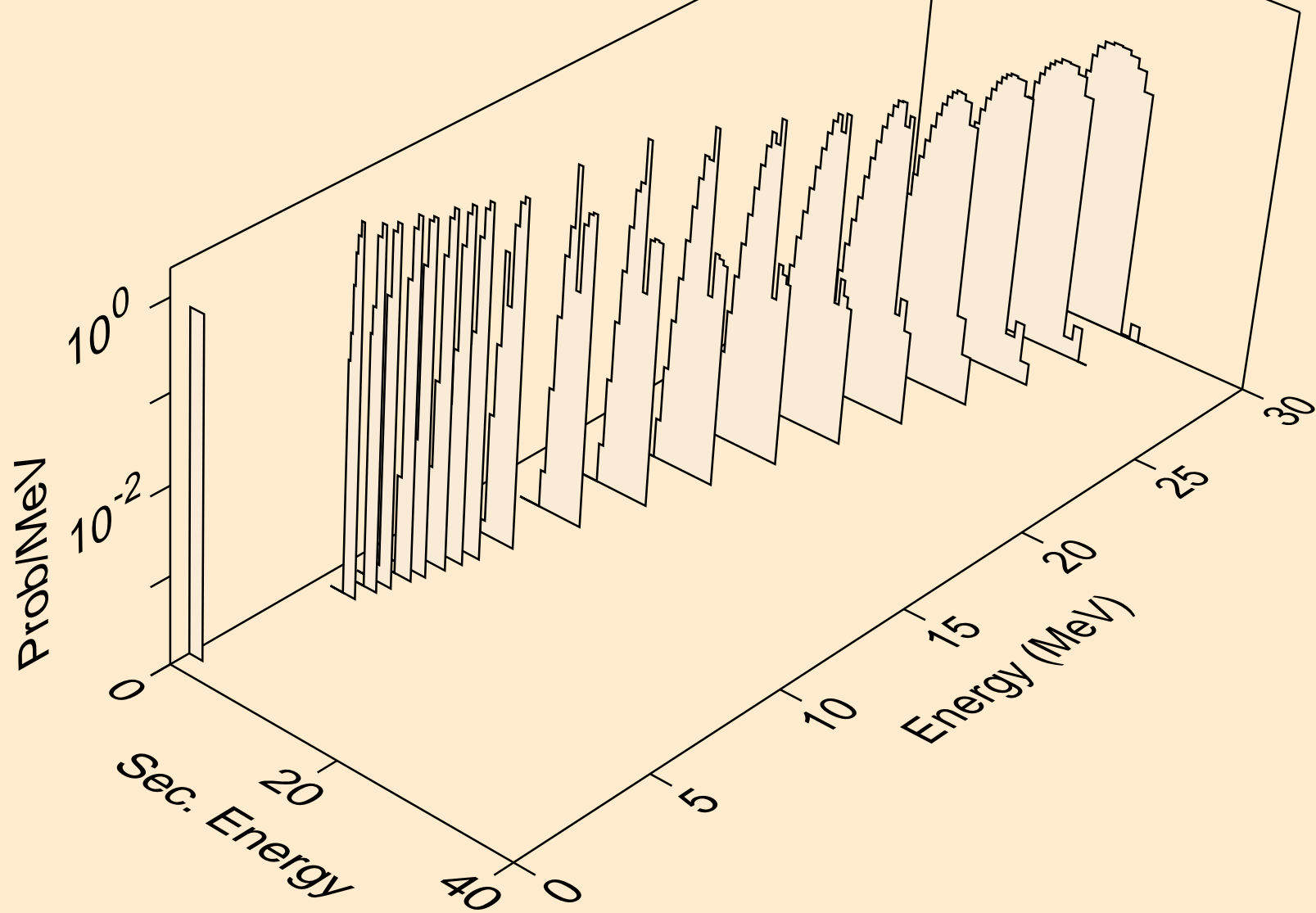
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



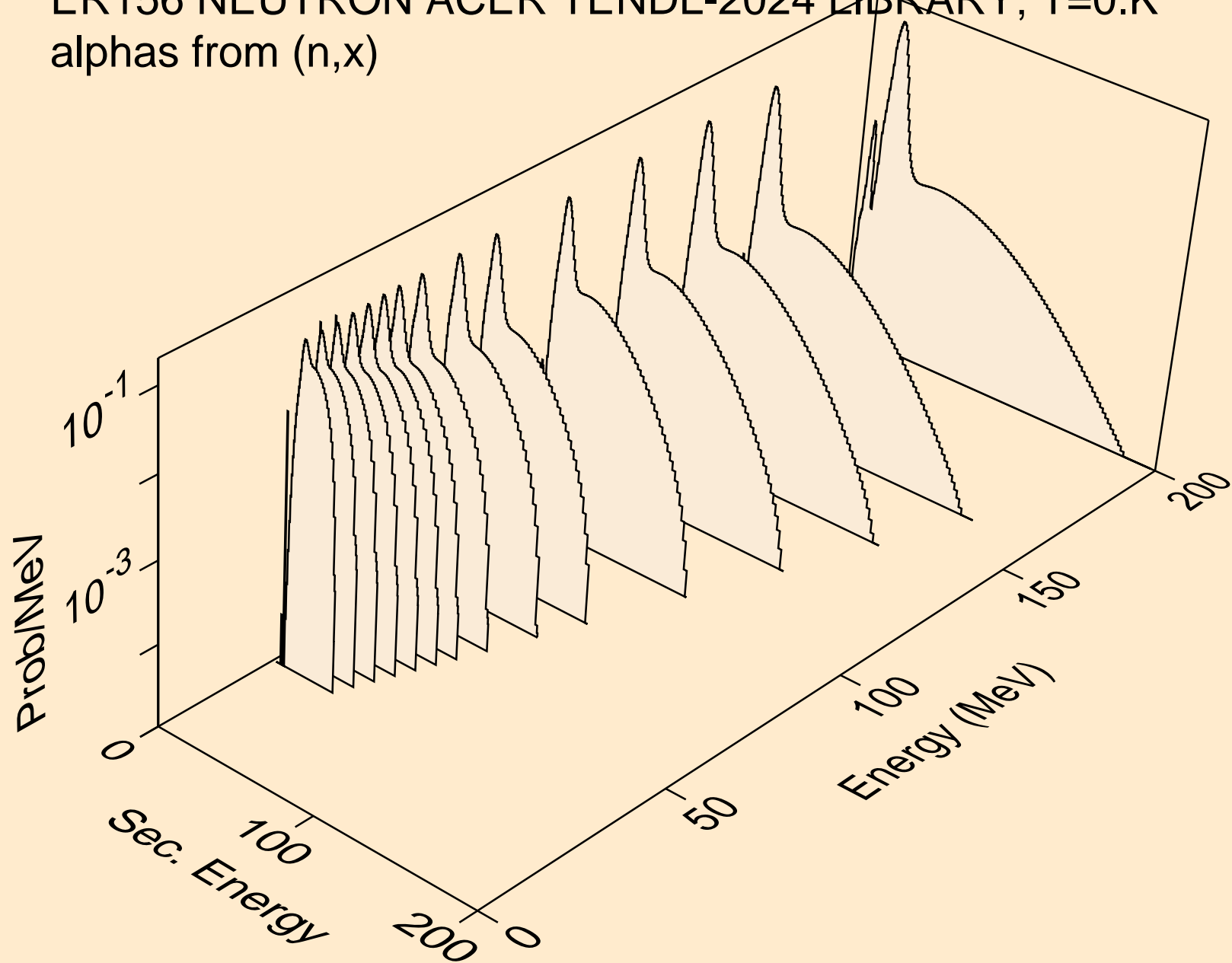
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



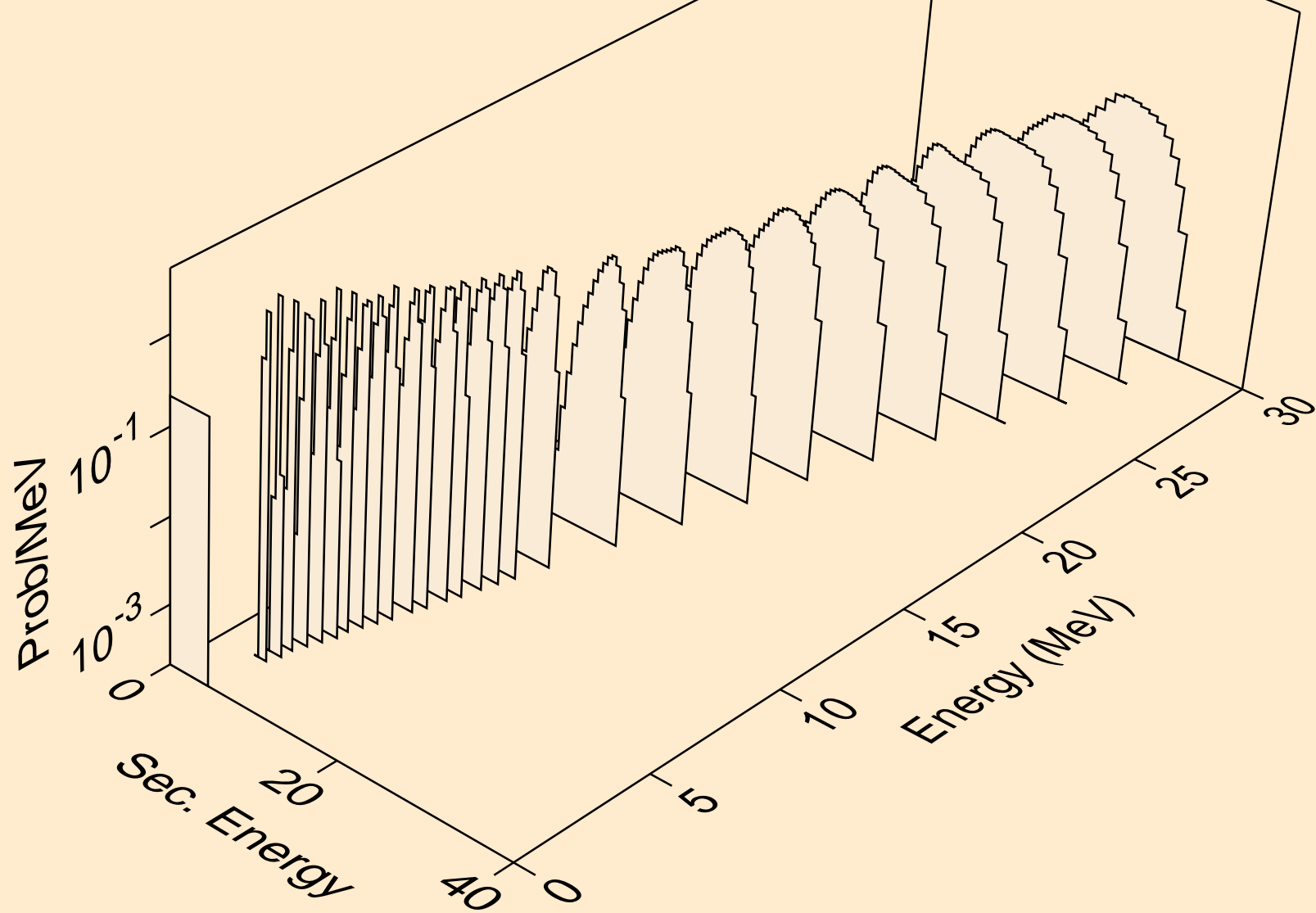
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

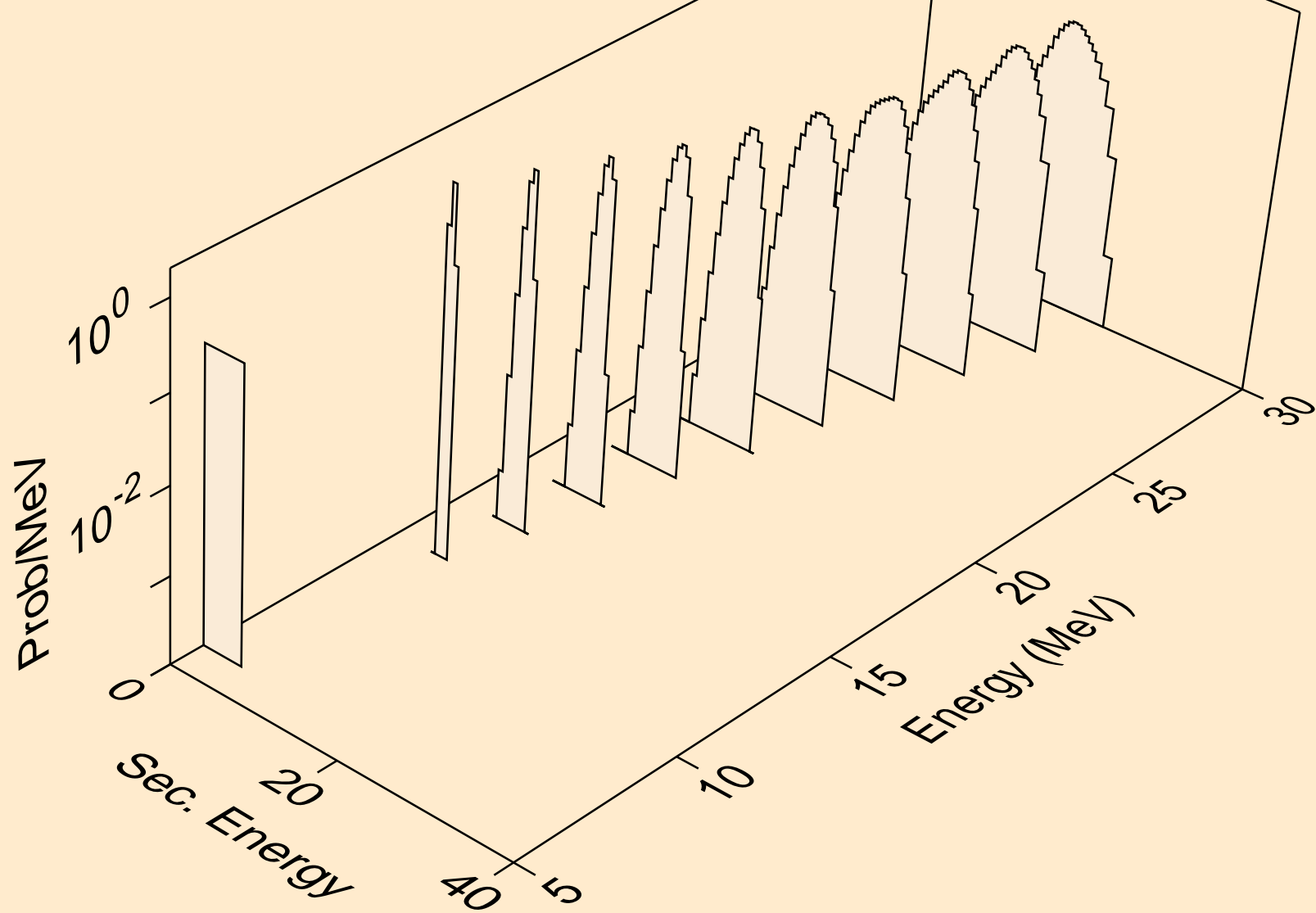


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

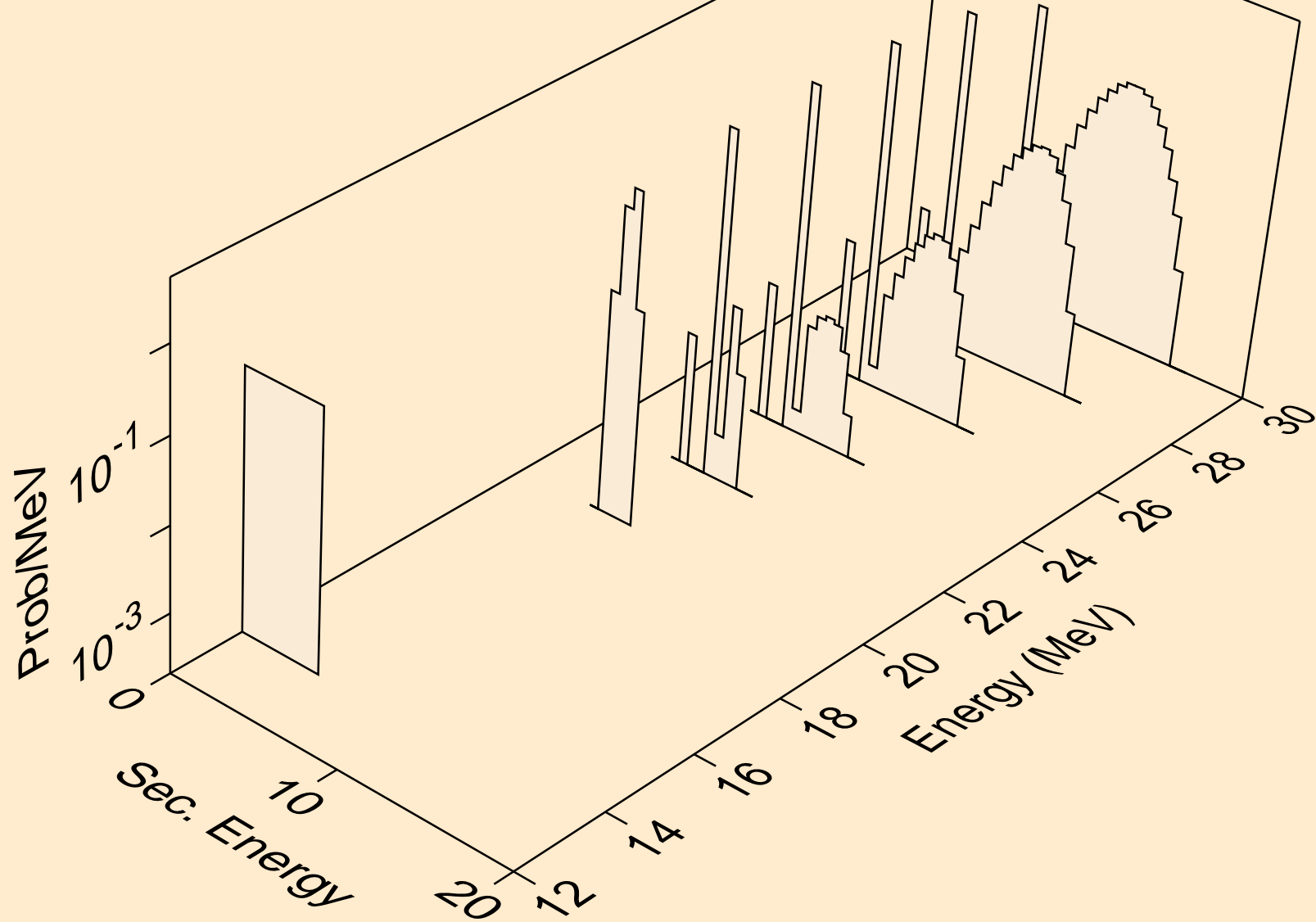




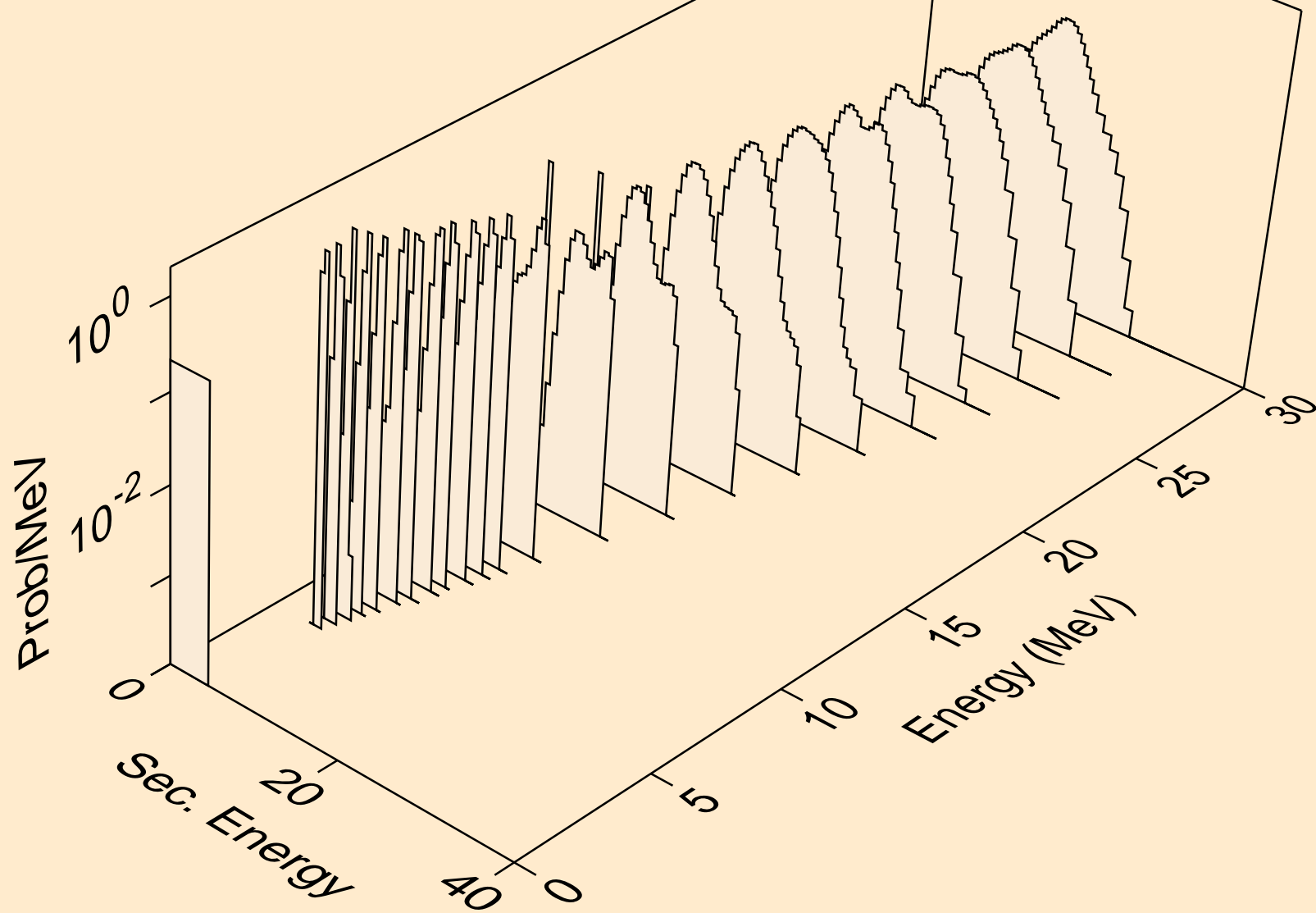
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



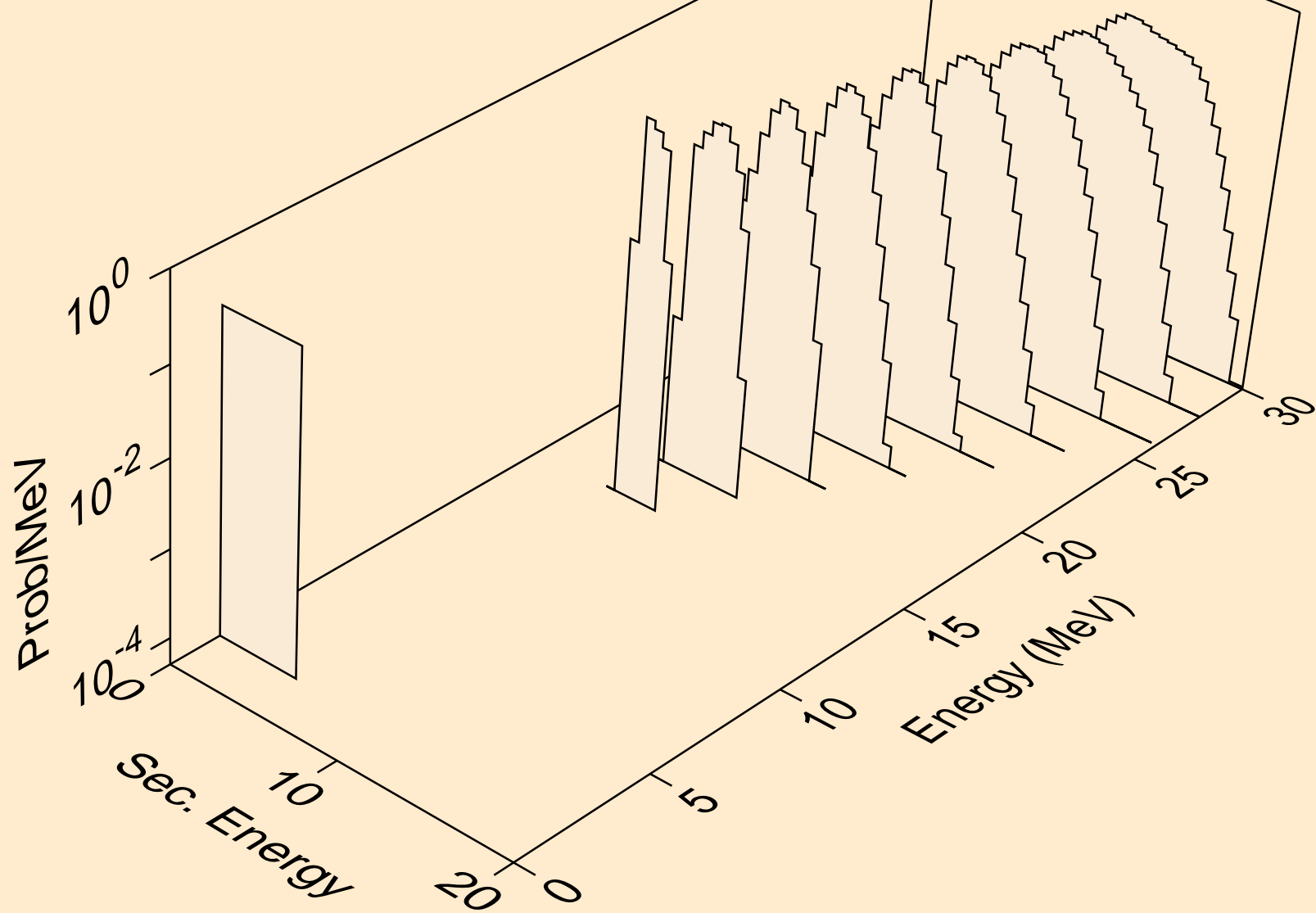
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



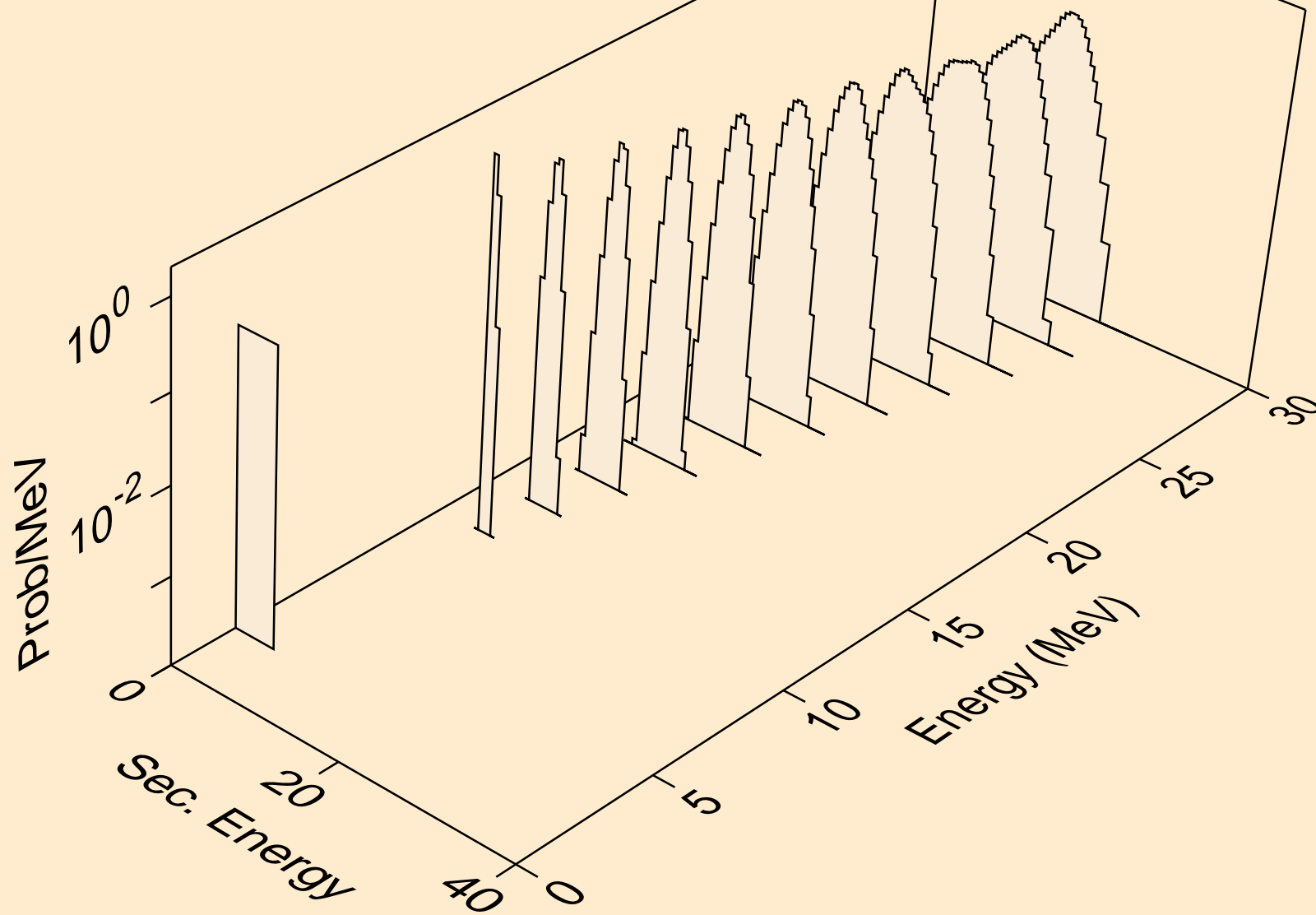
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



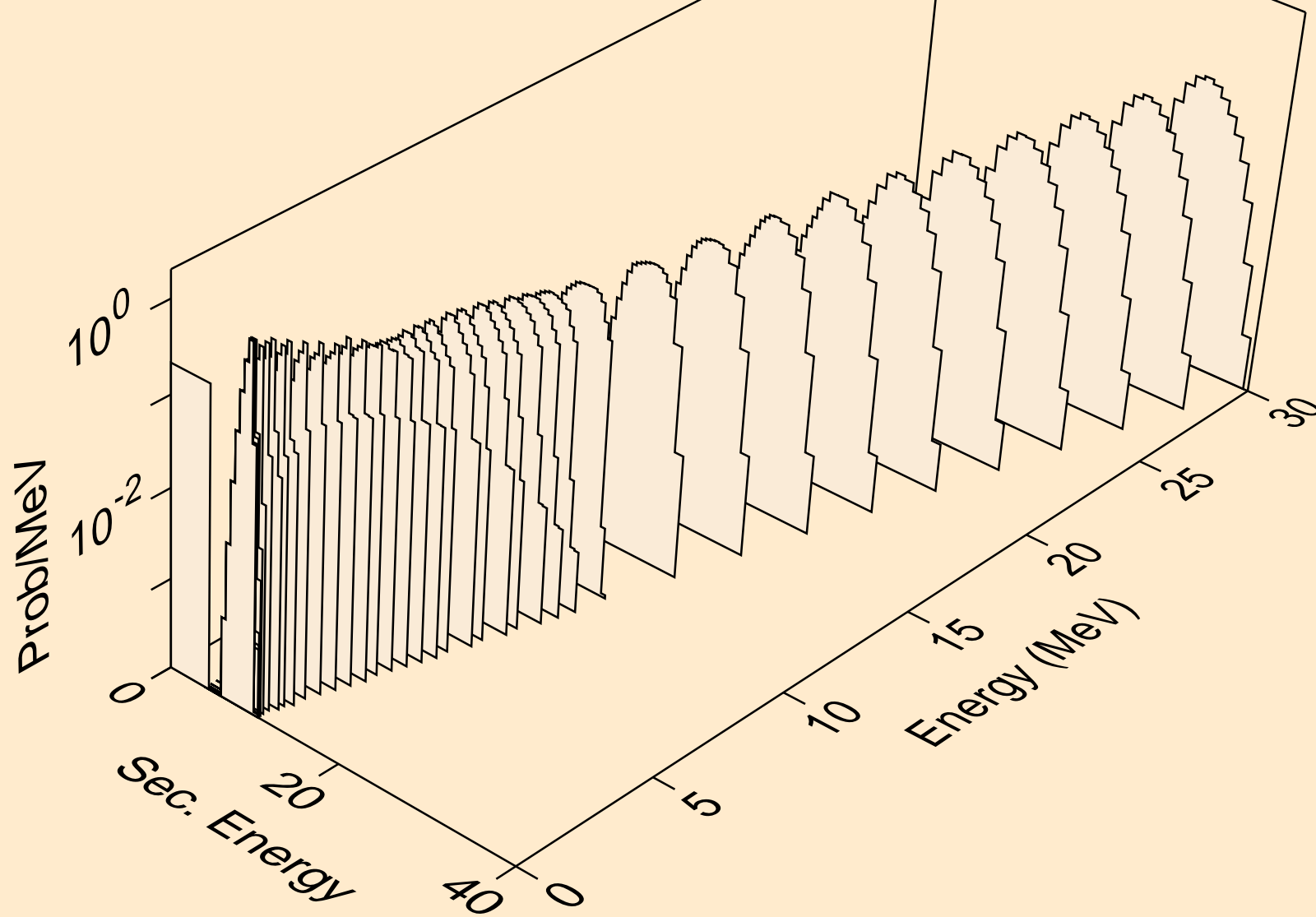
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



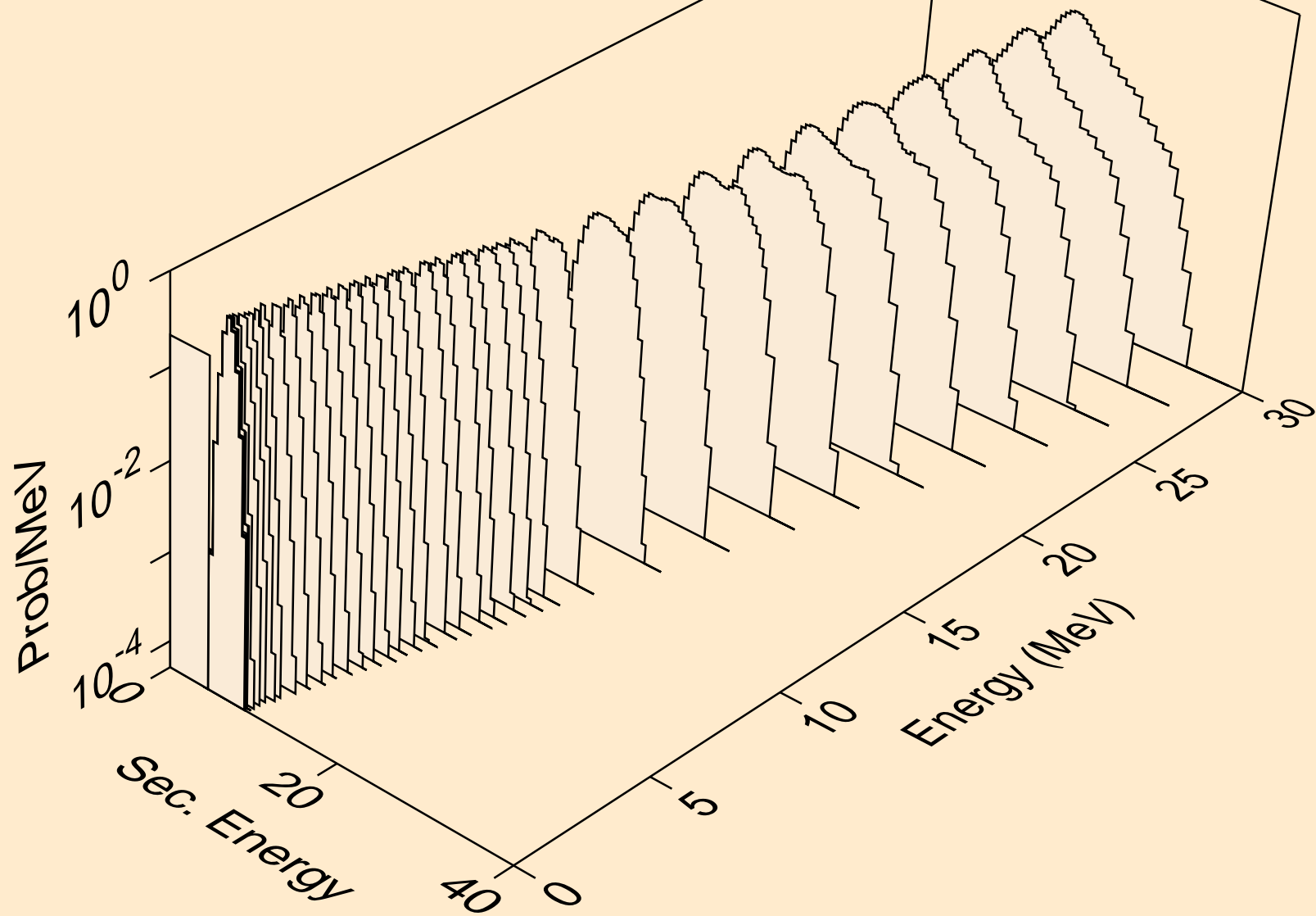
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



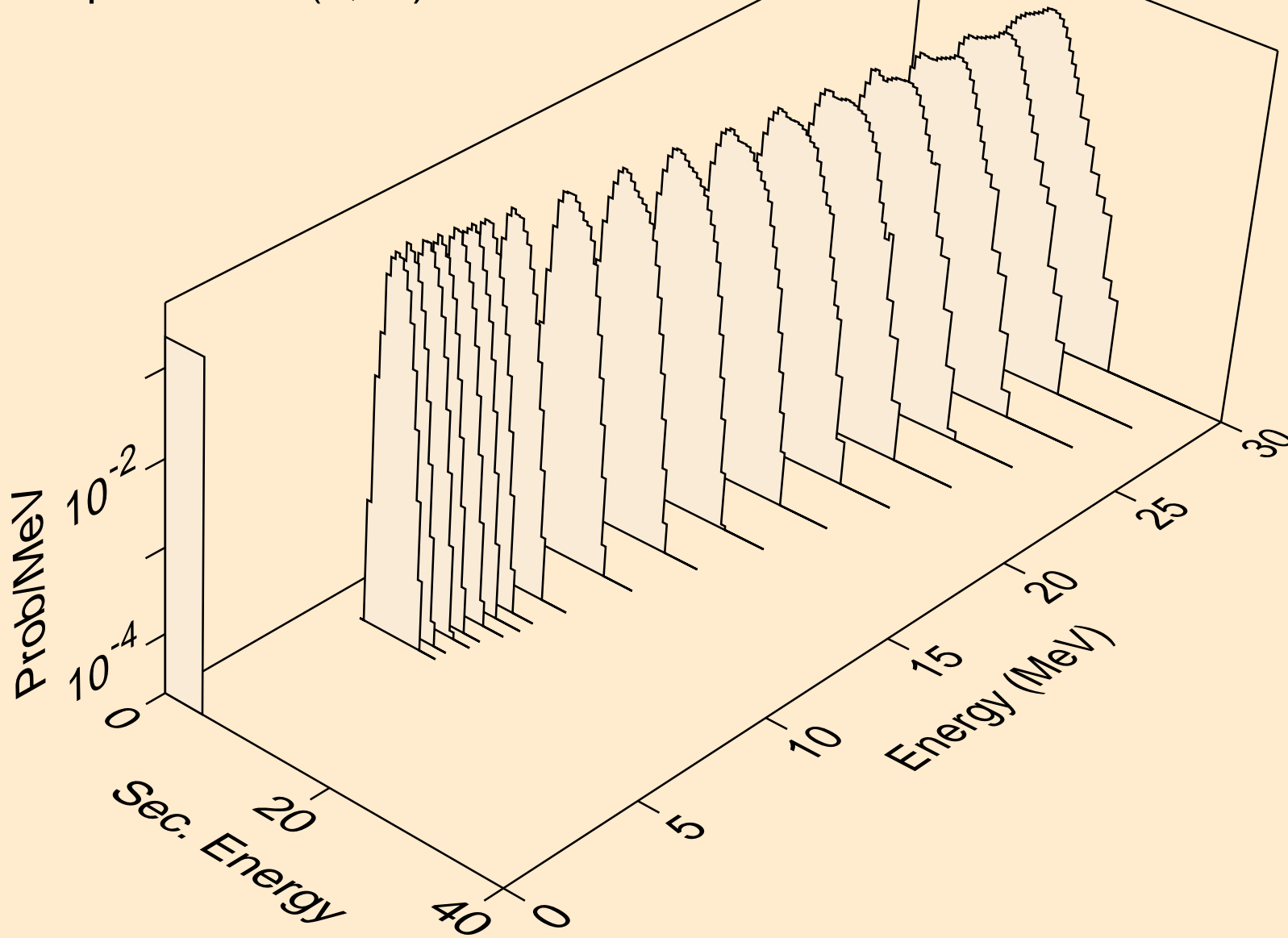
ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

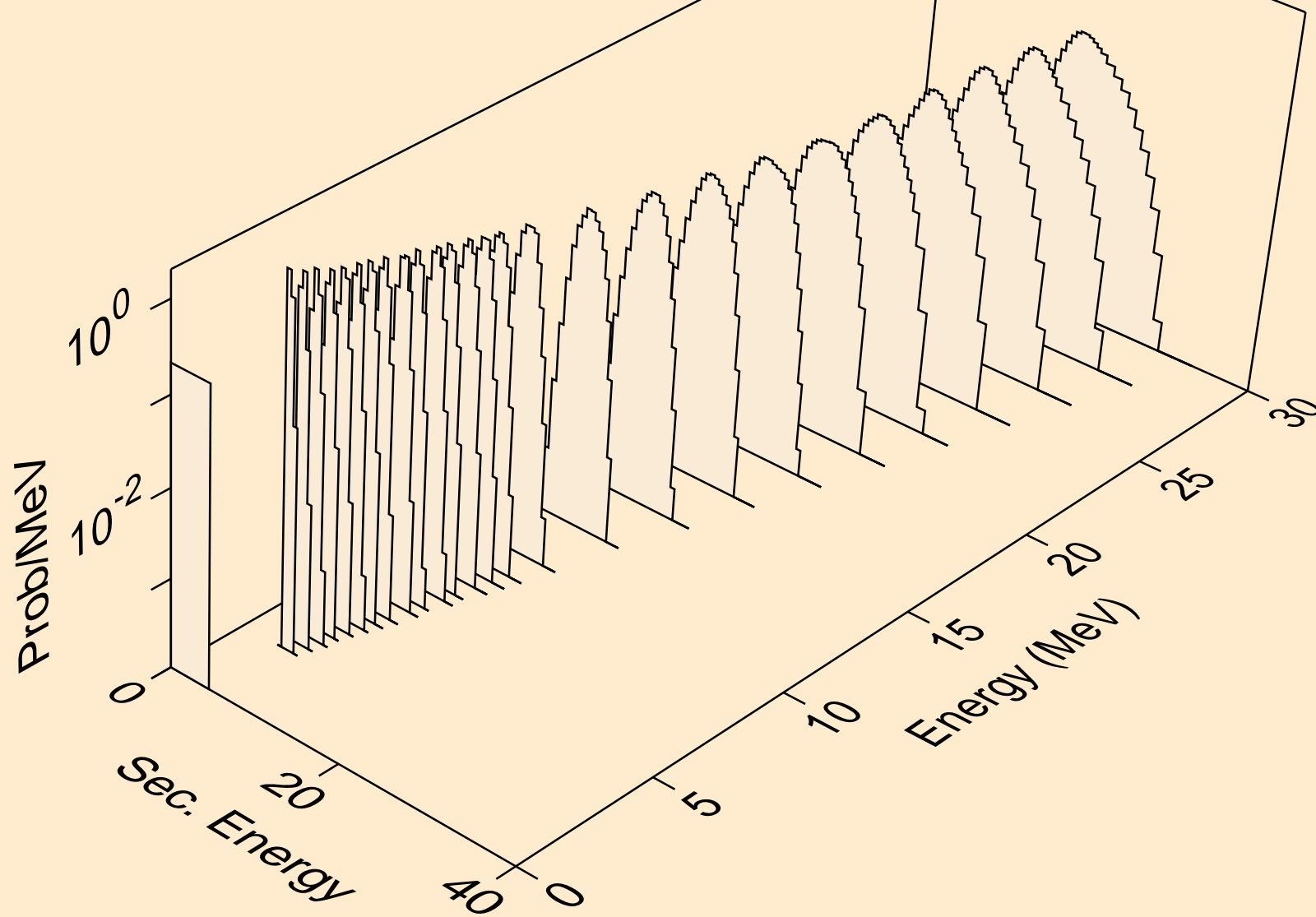


ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)





ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



ER156 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

