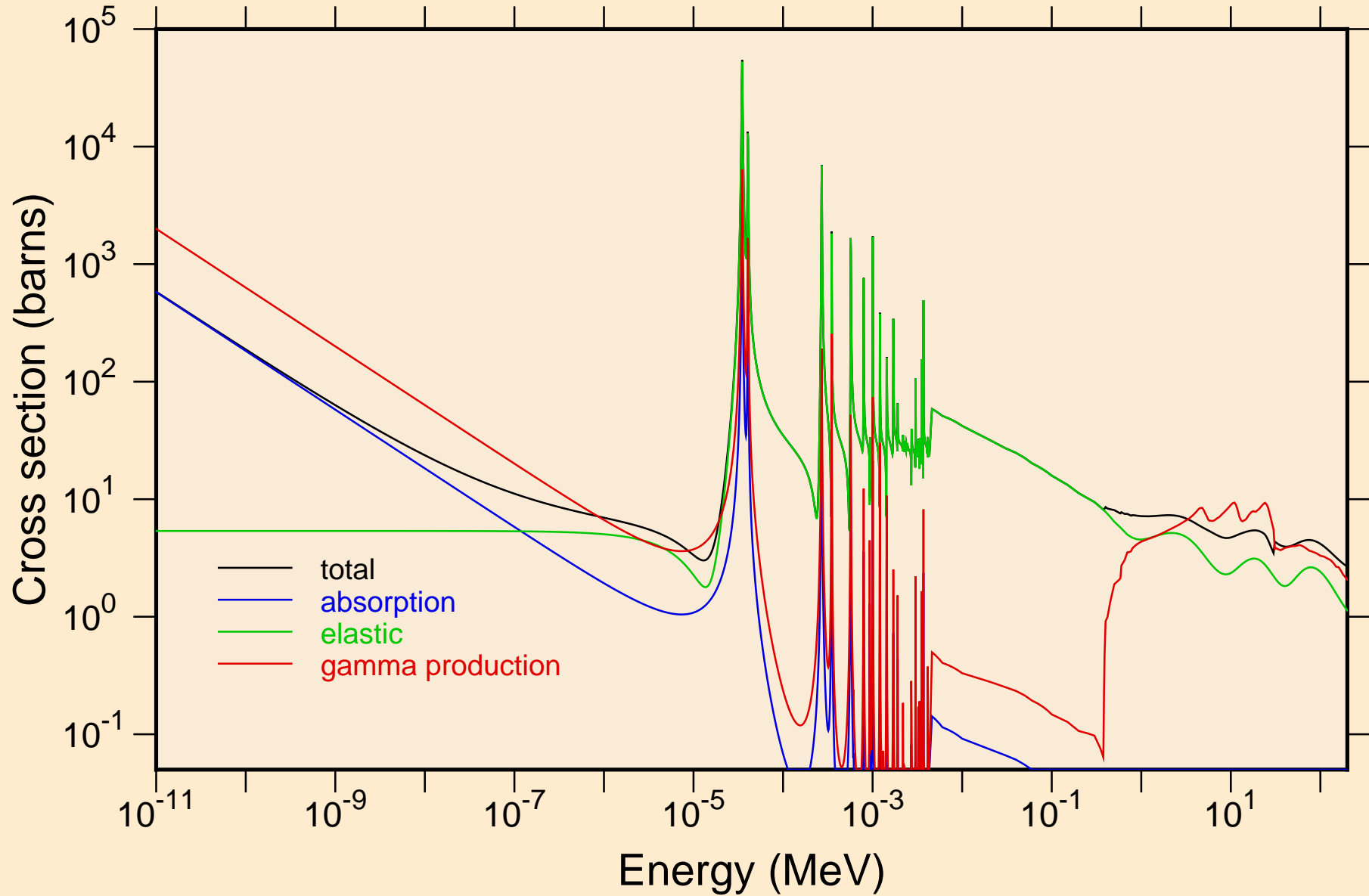
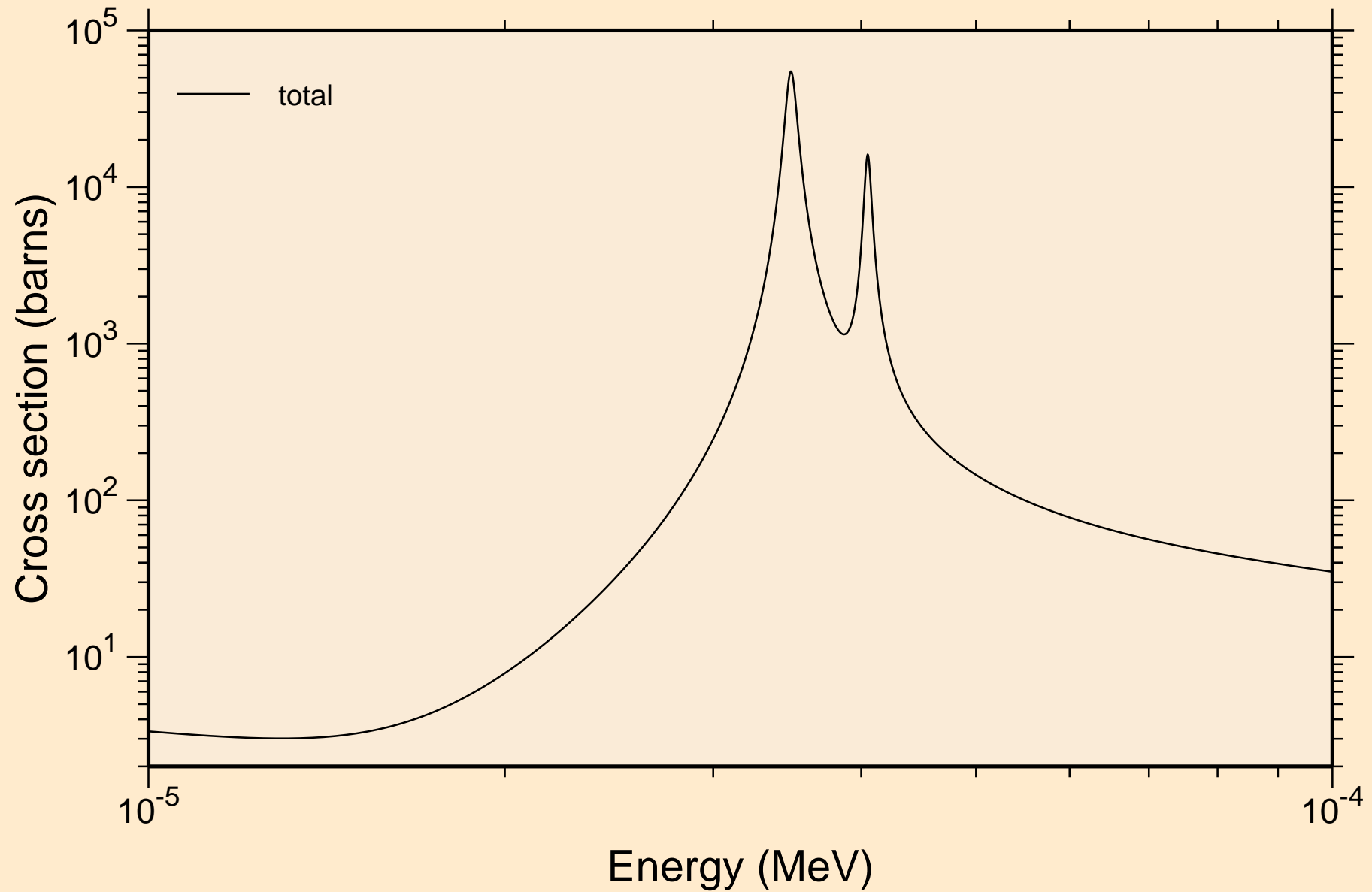


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

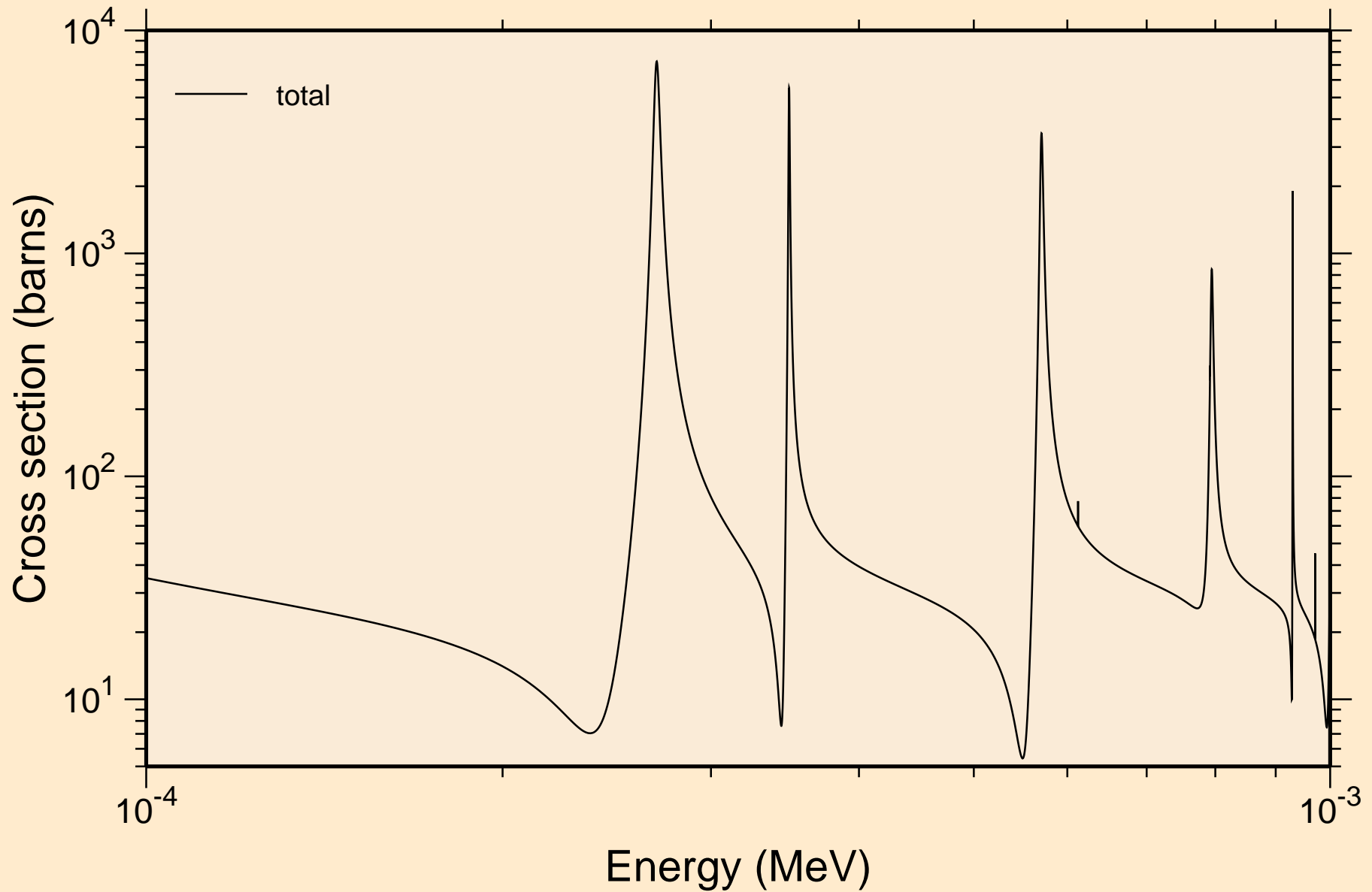
## Principal cross sections



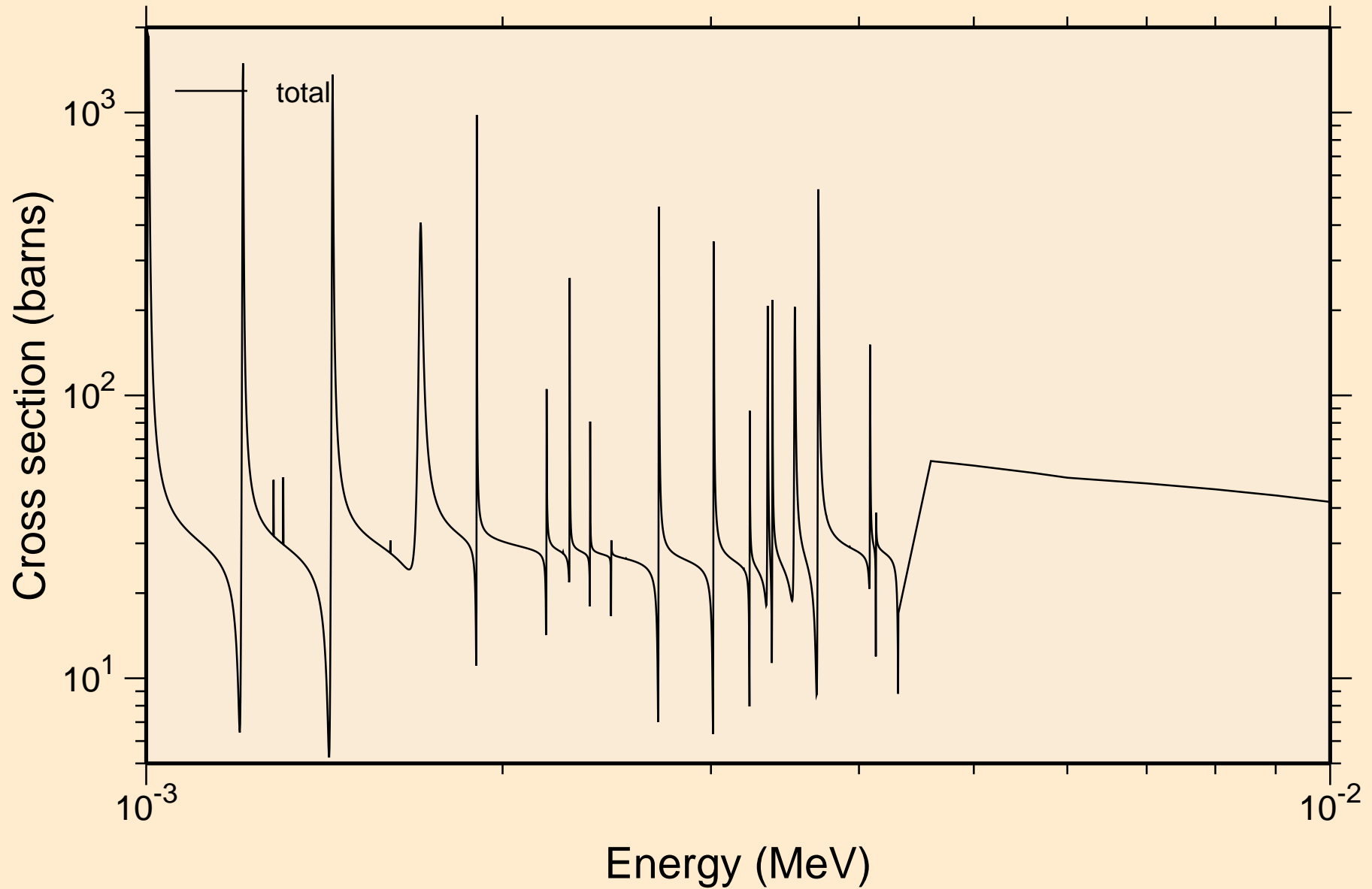
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



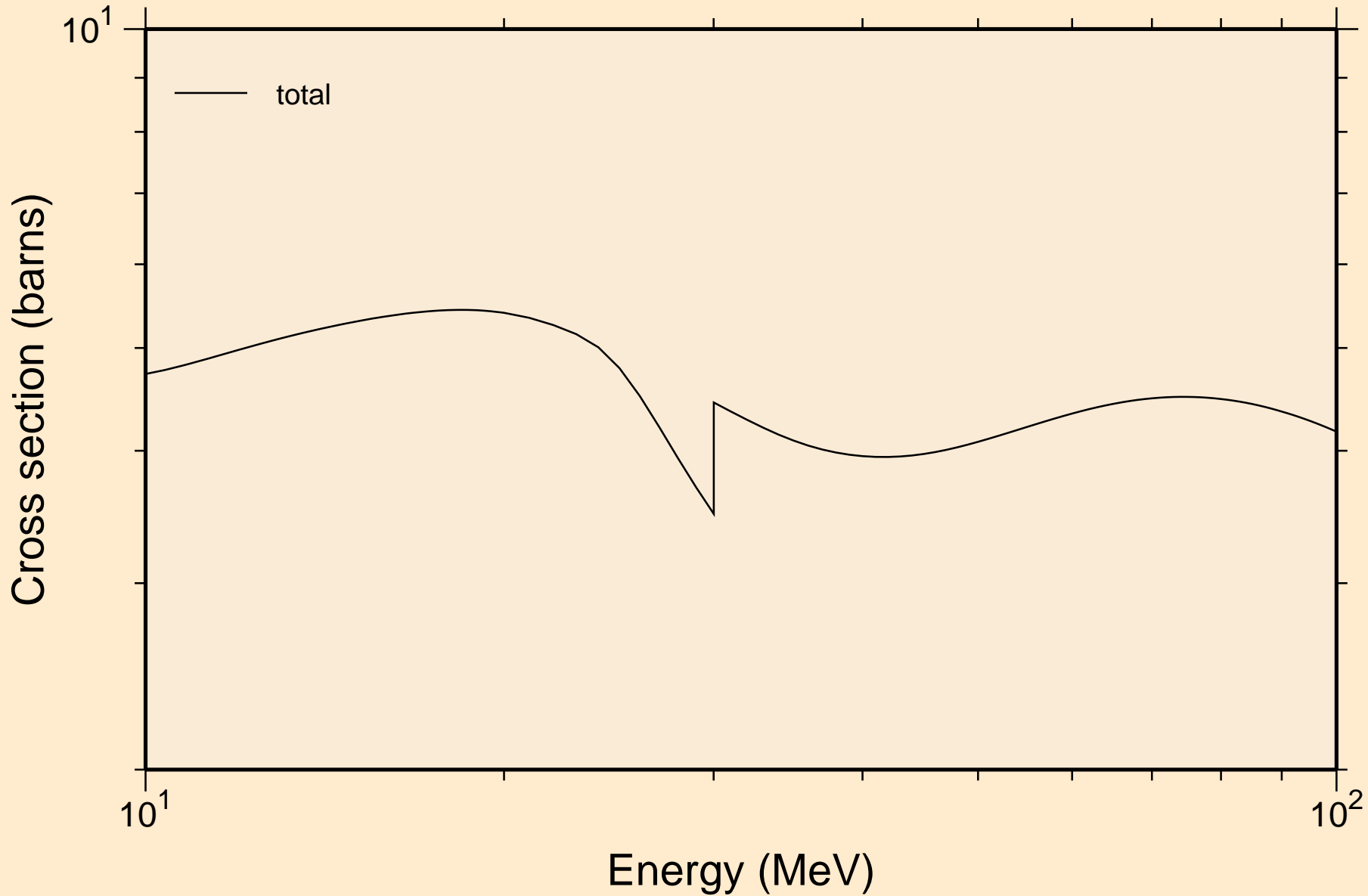
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



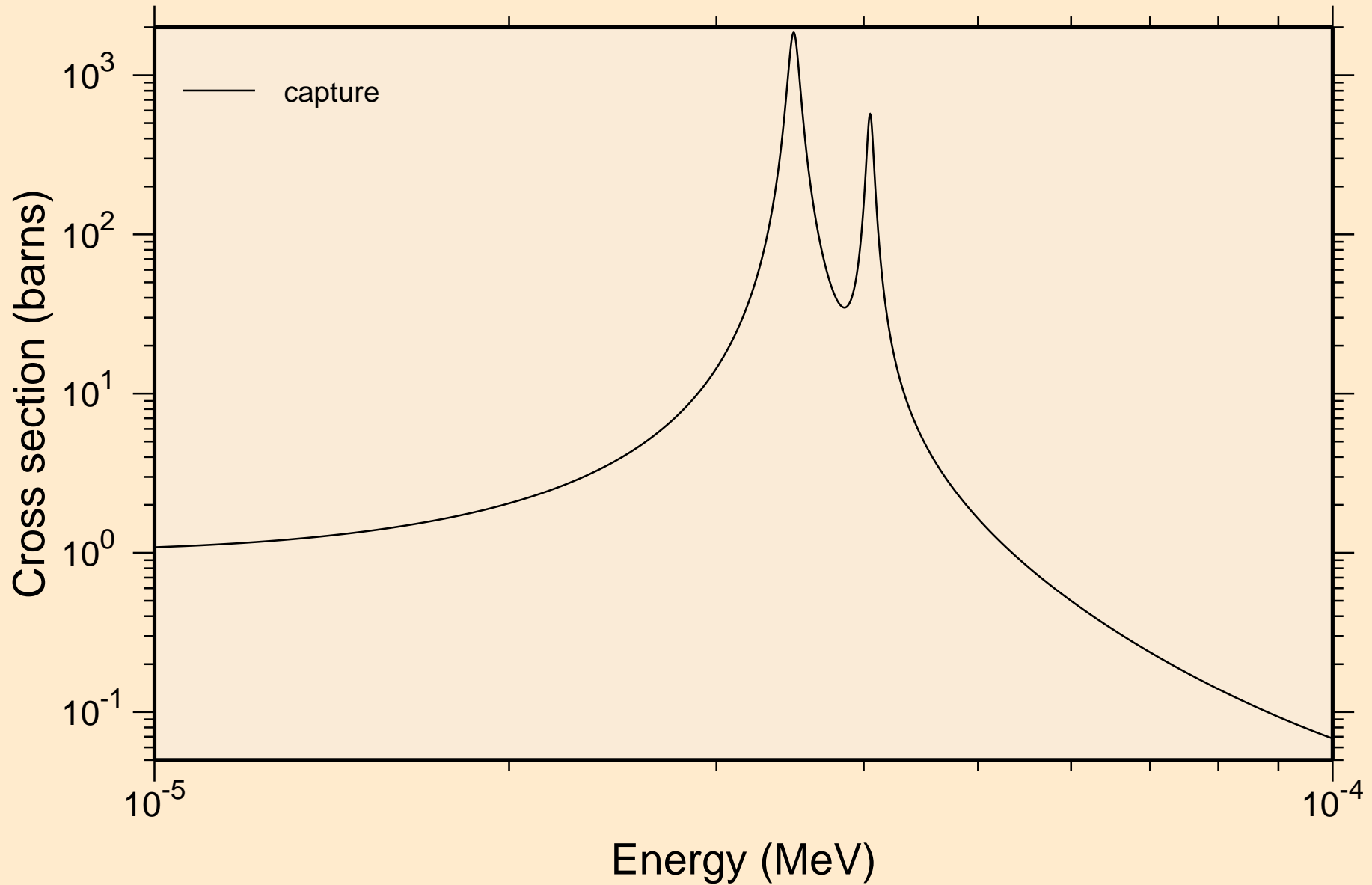
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



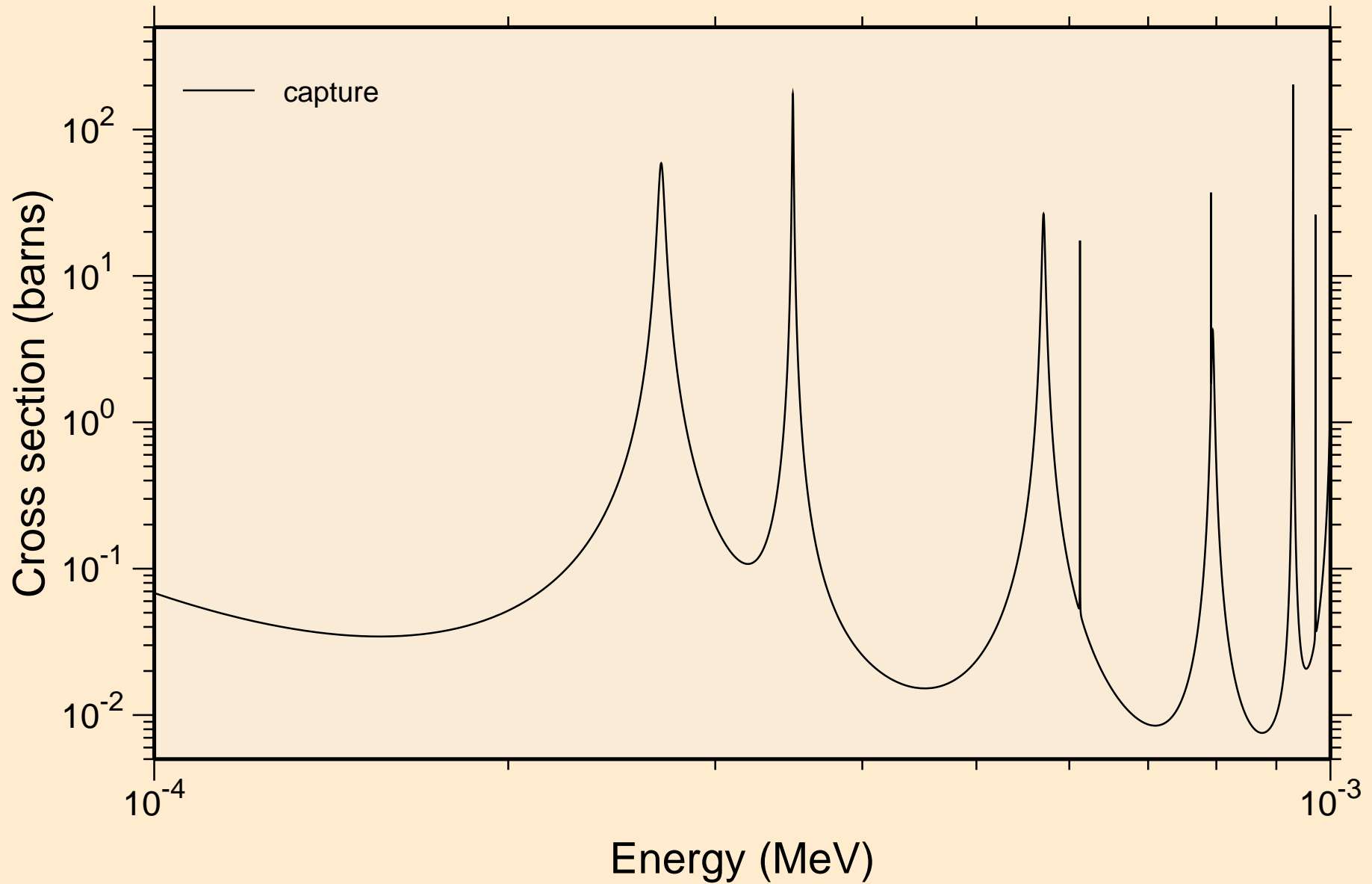
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



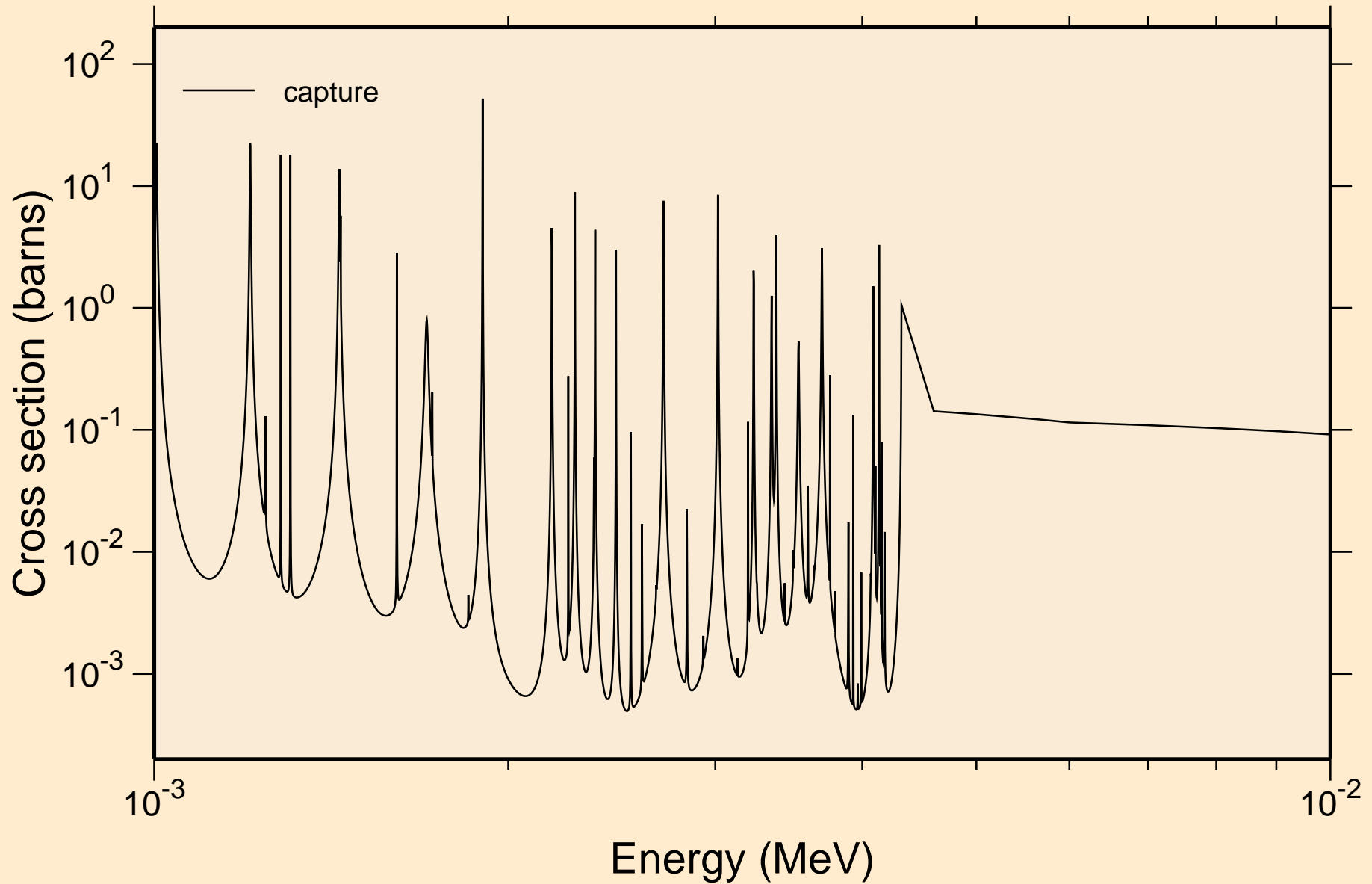
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

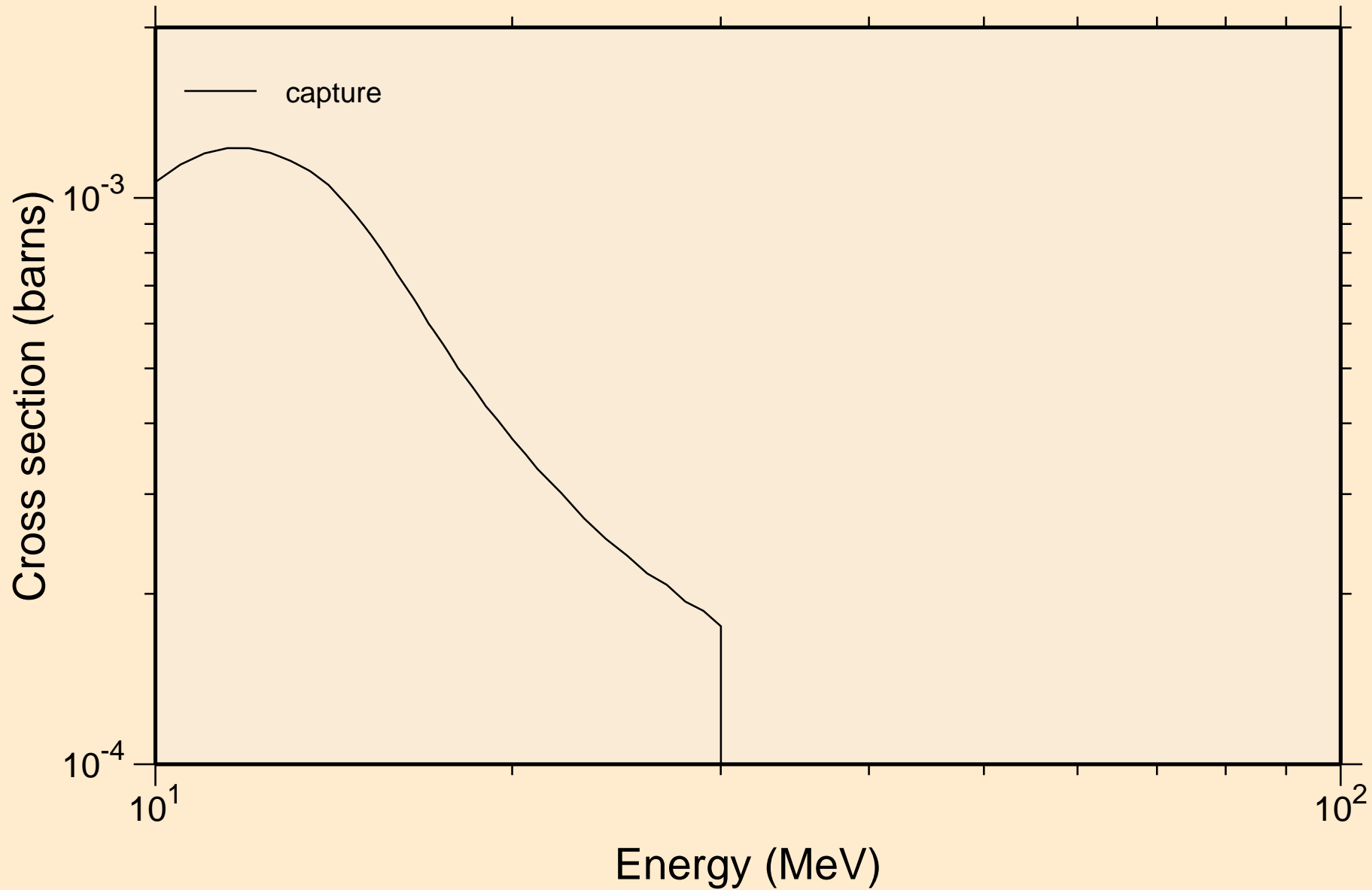


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



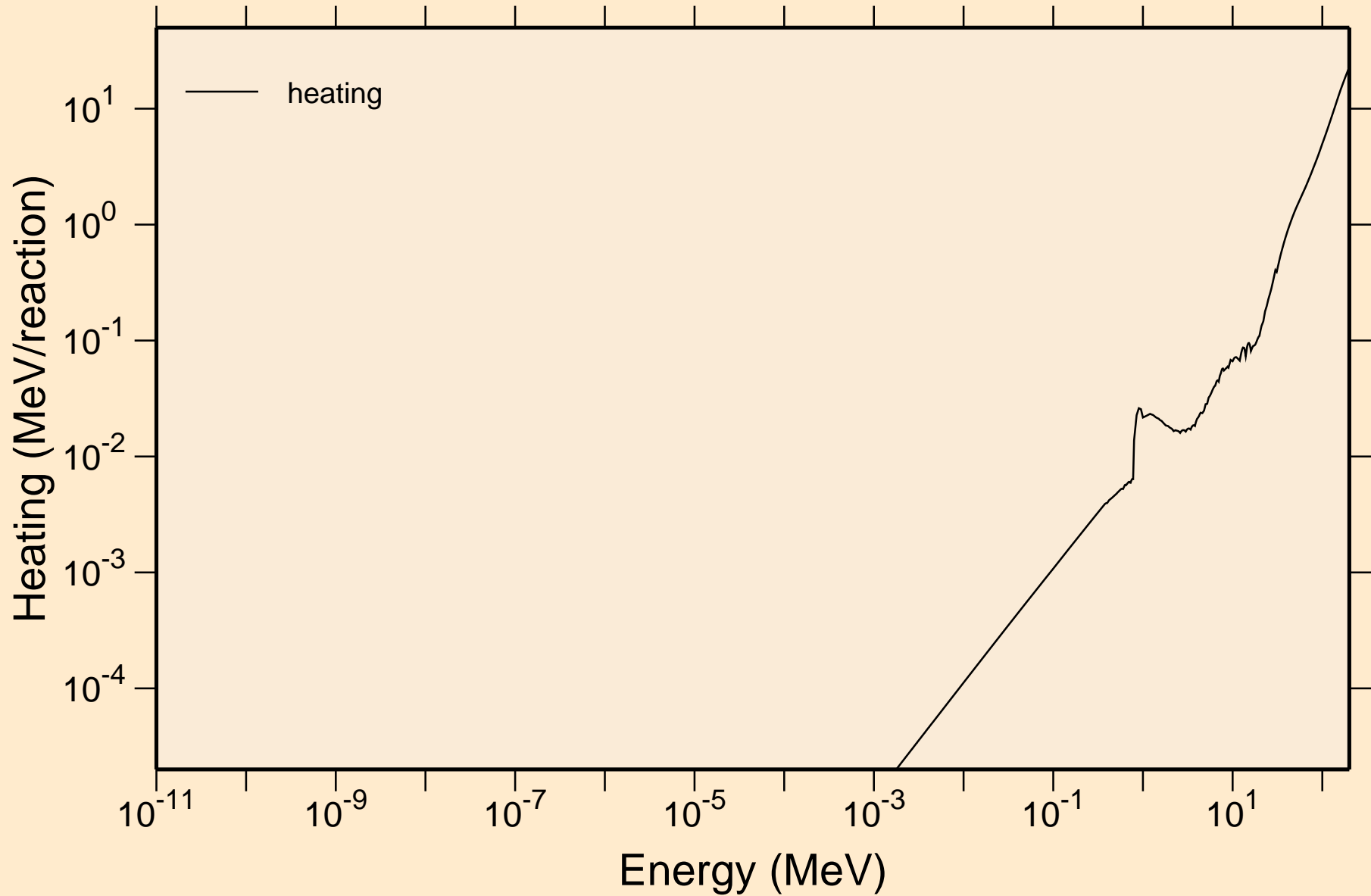


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



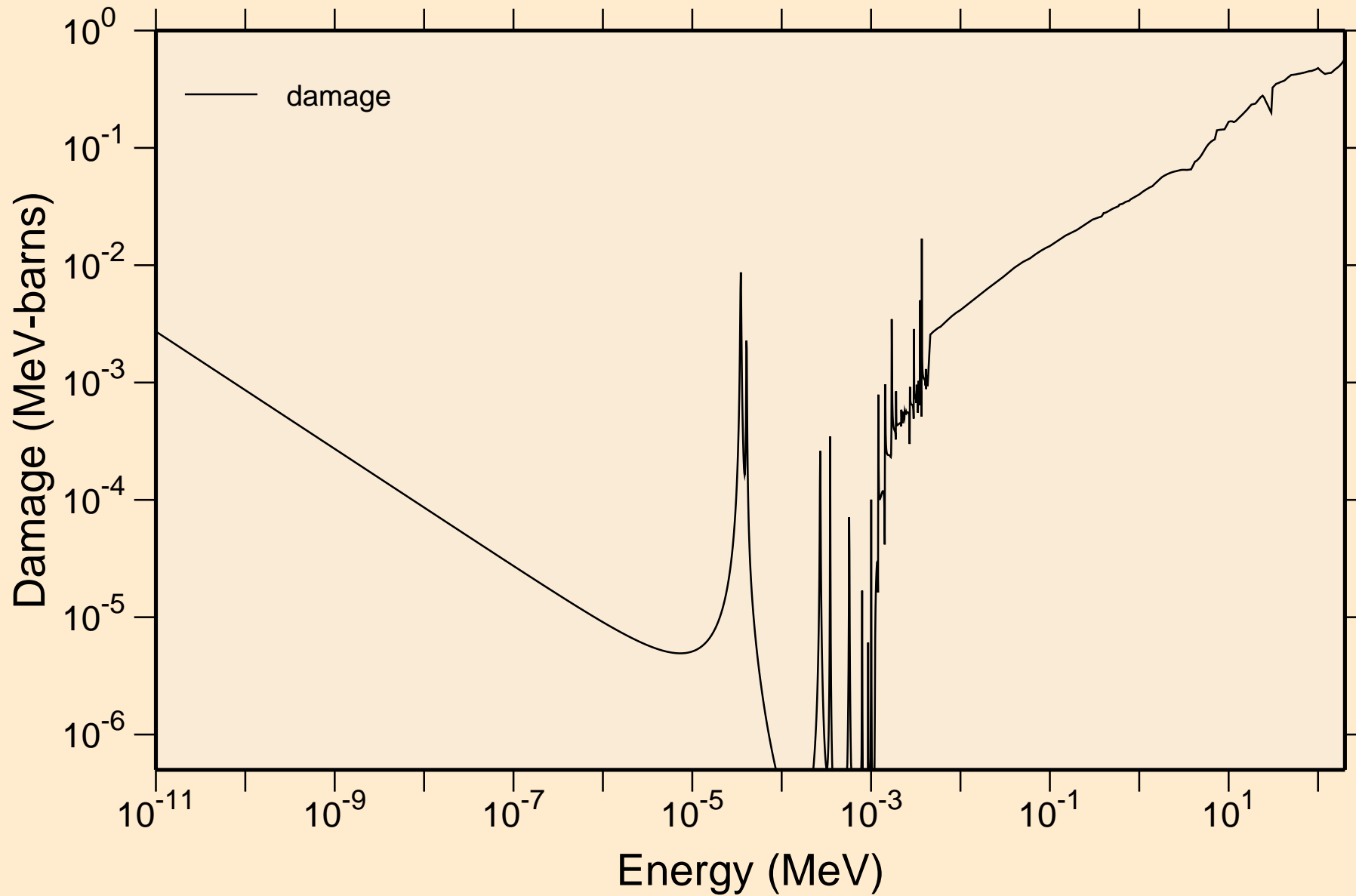
# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

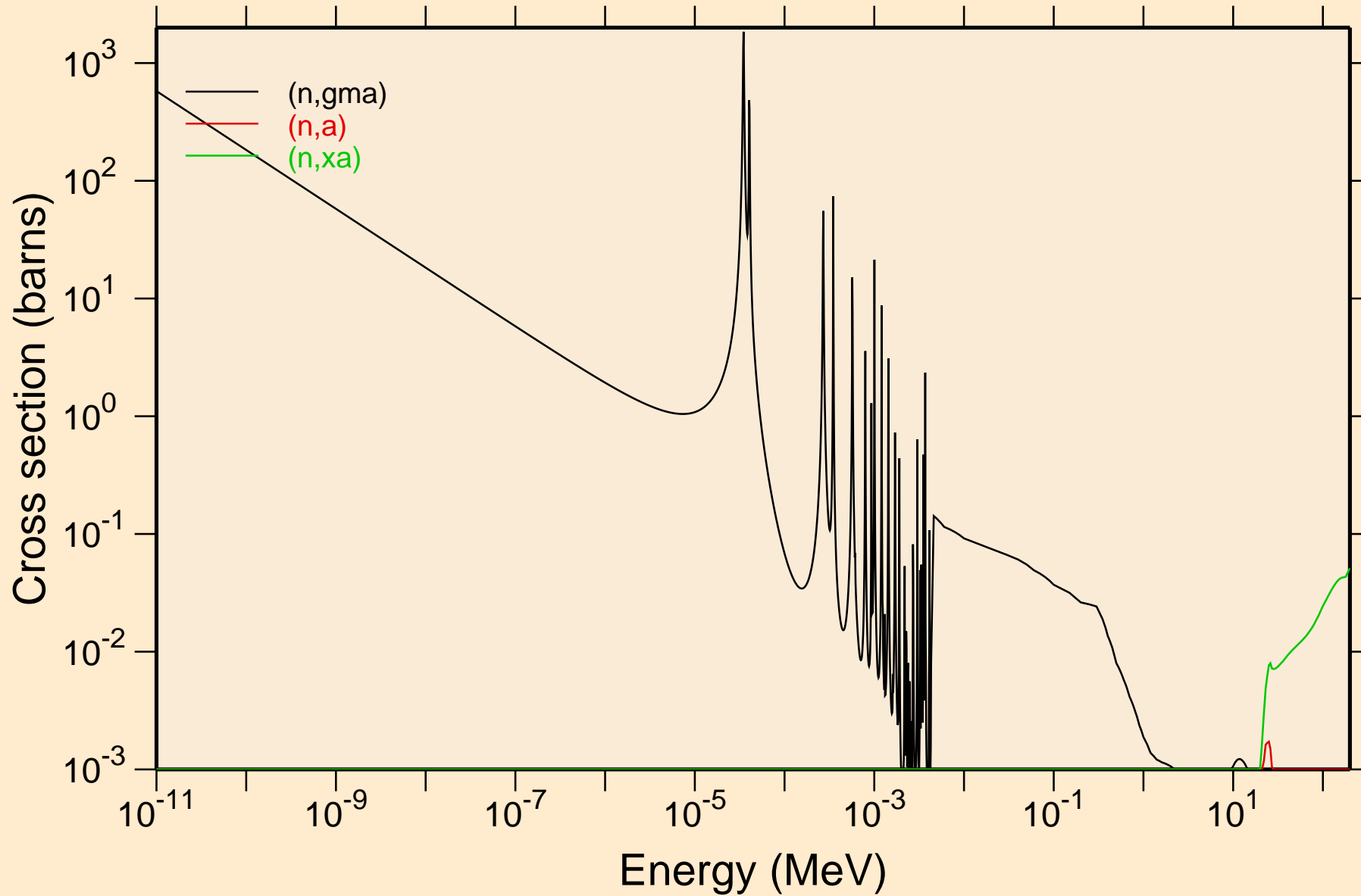


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

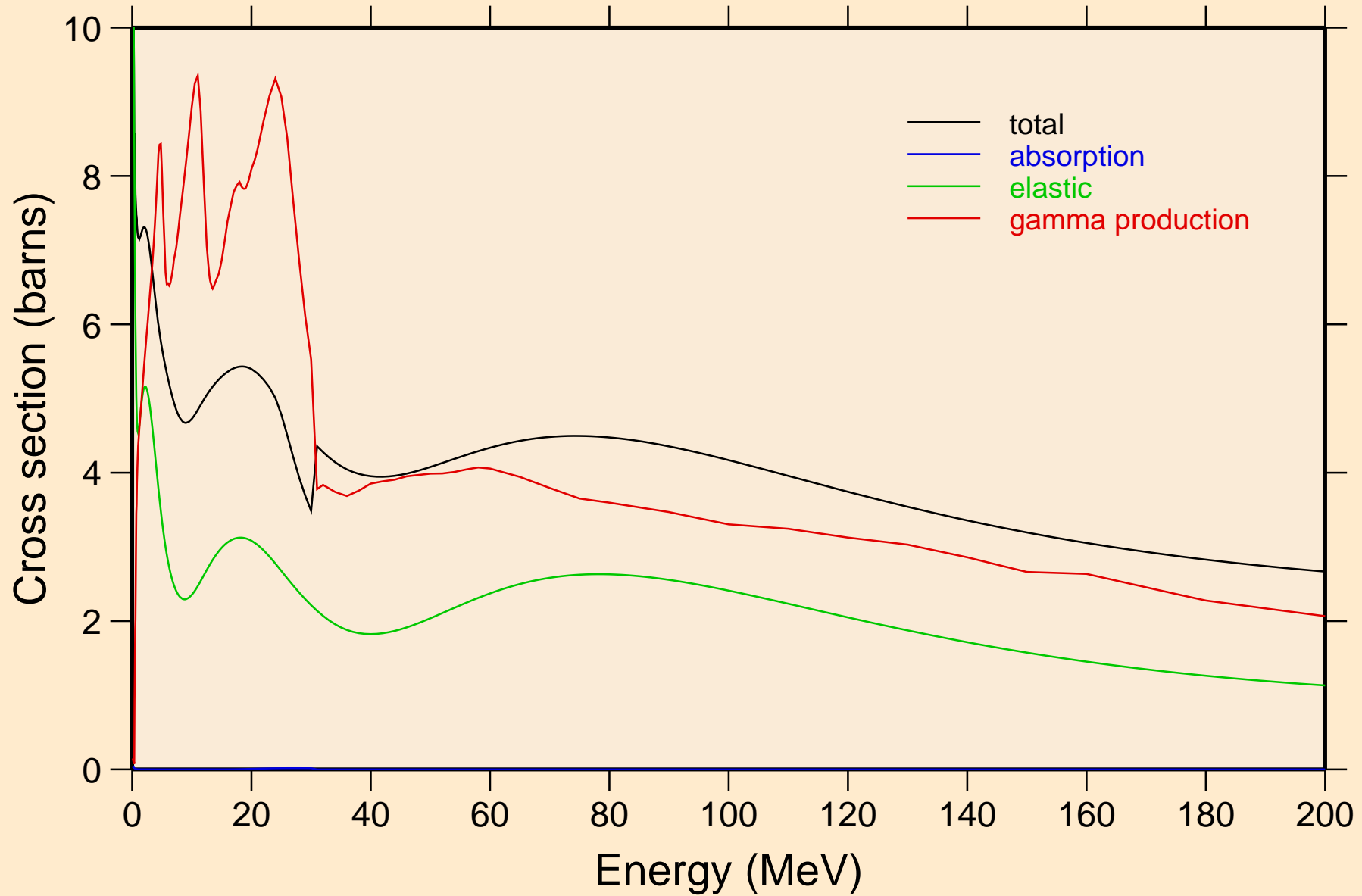


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



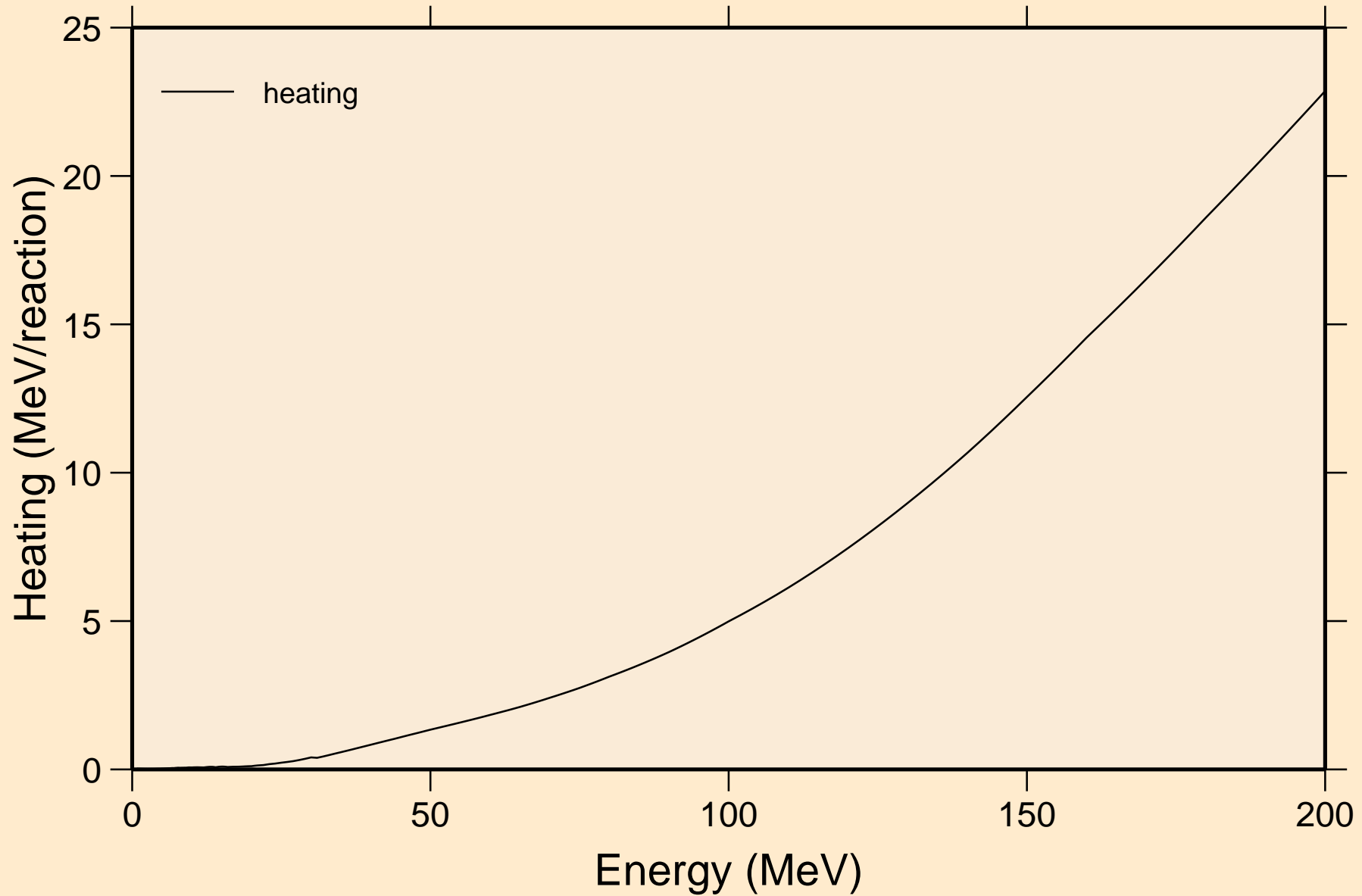
# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

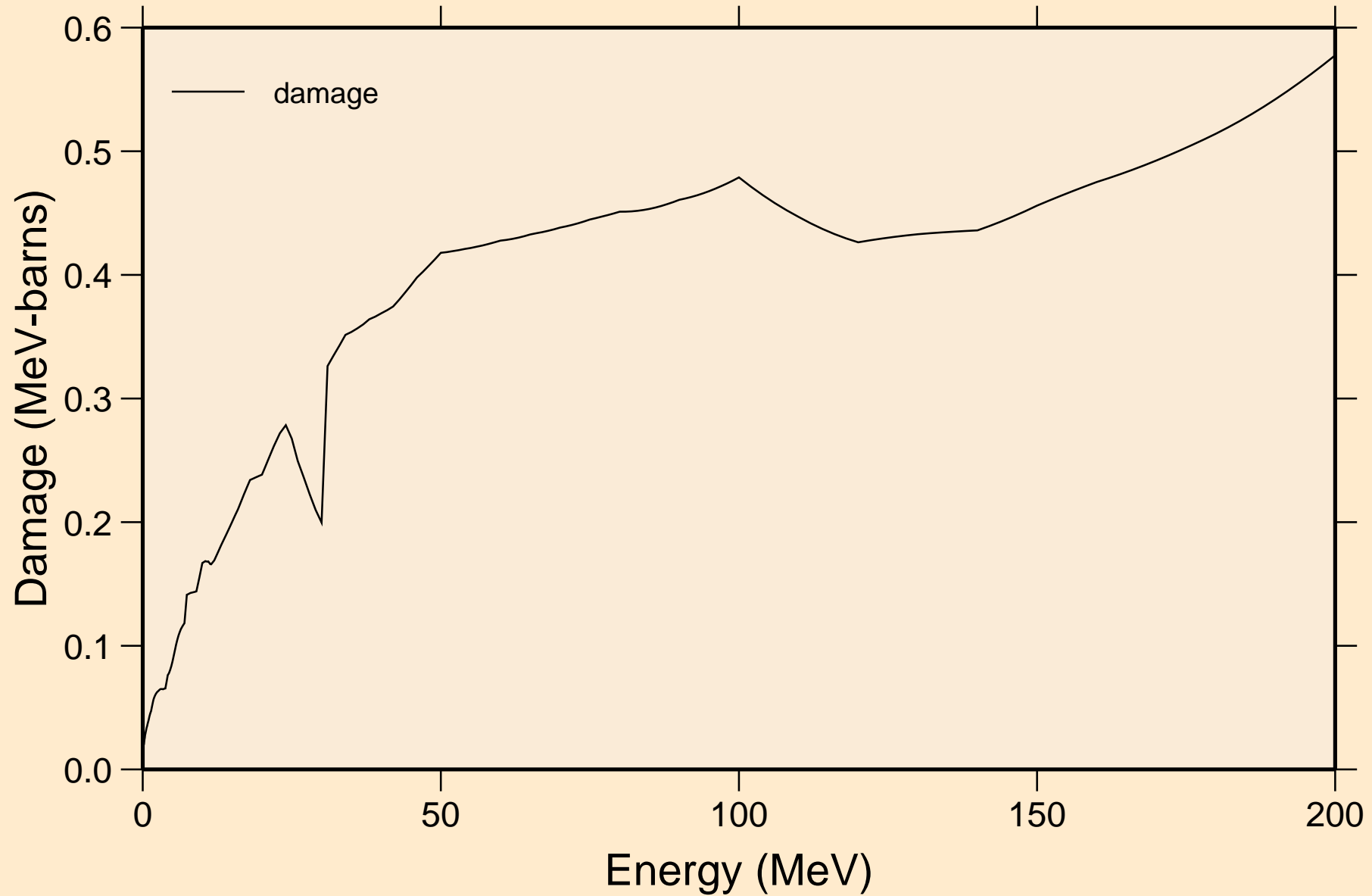


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

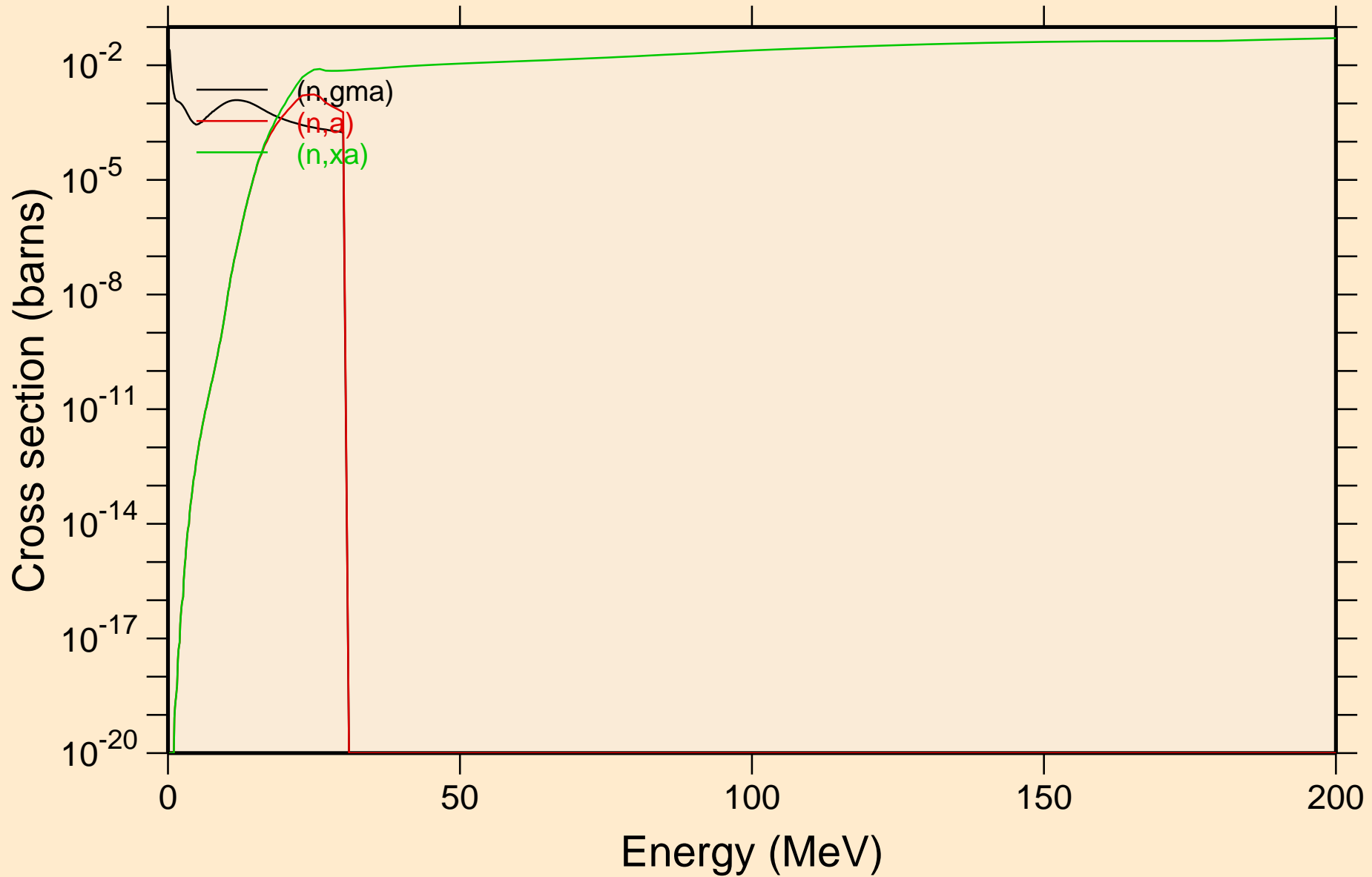
## Heating



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

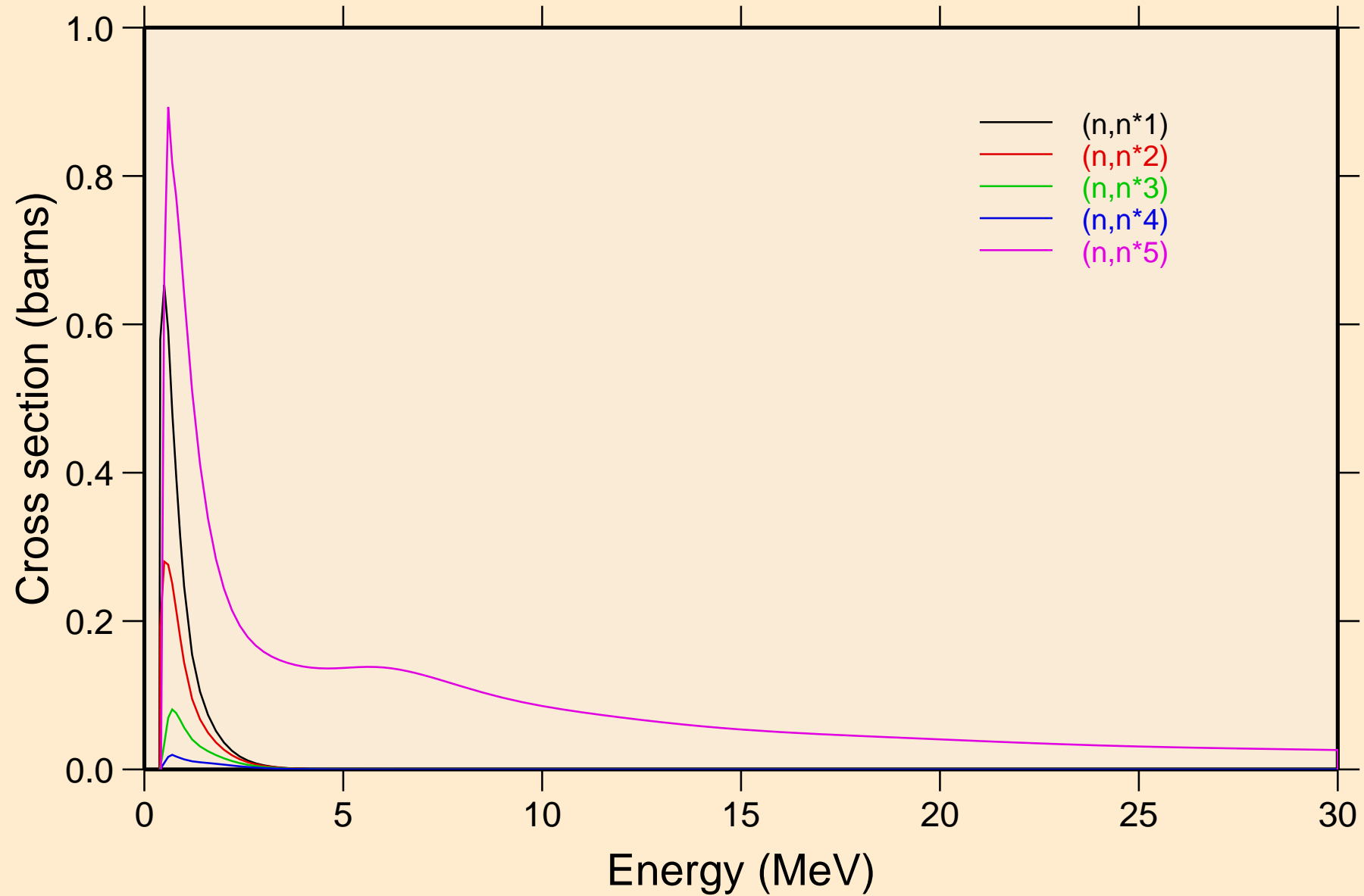


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



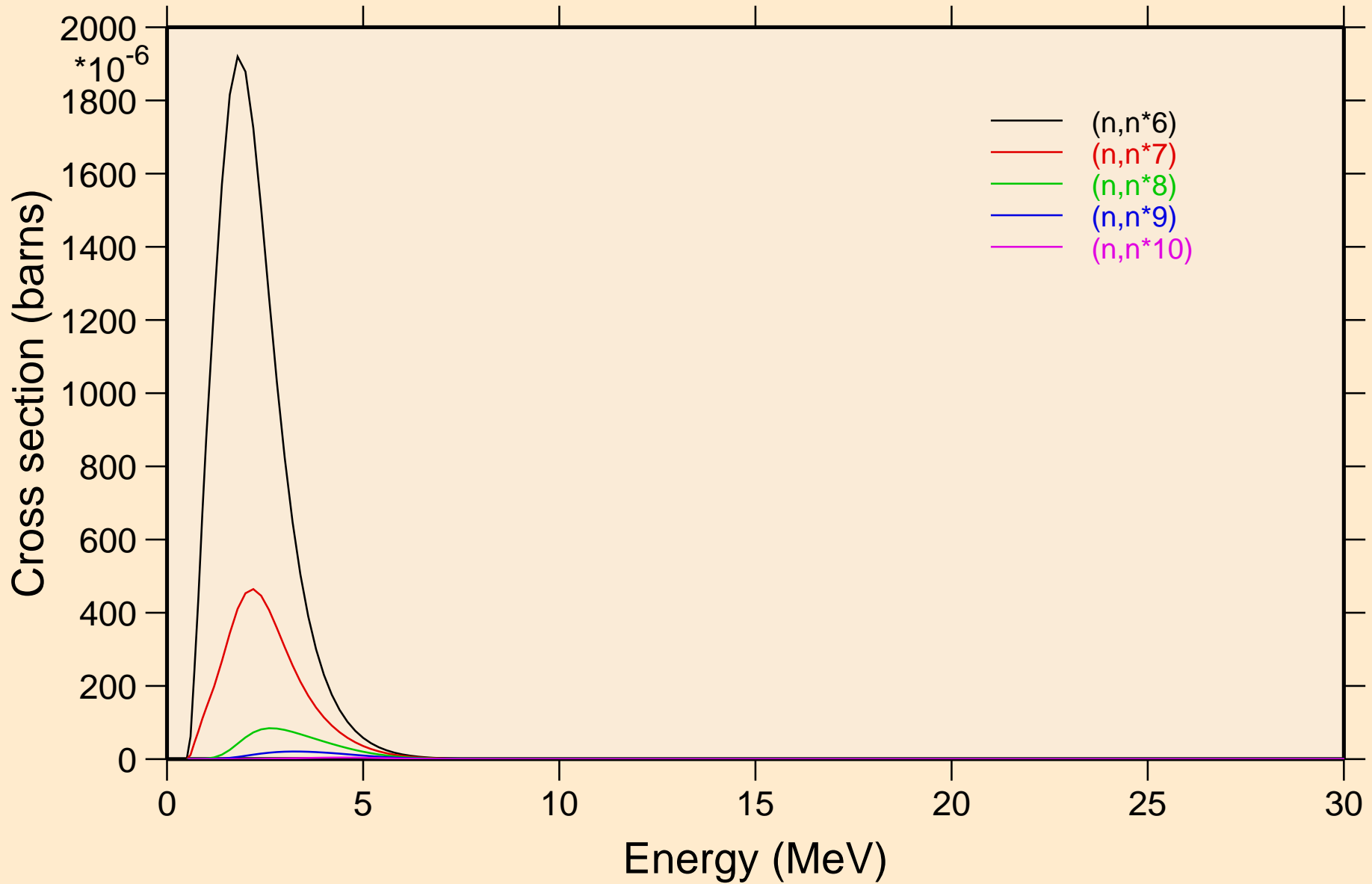


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

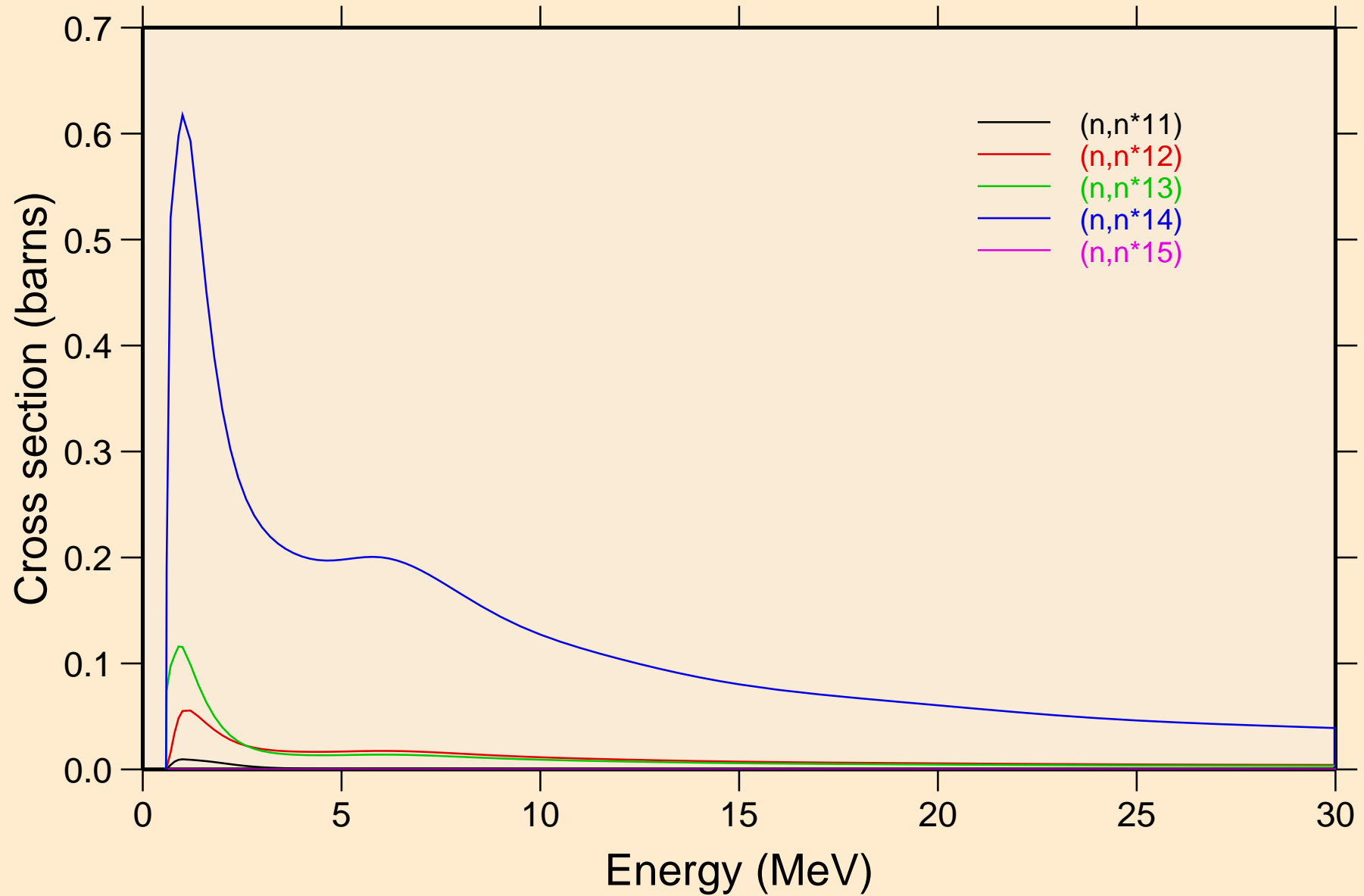


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

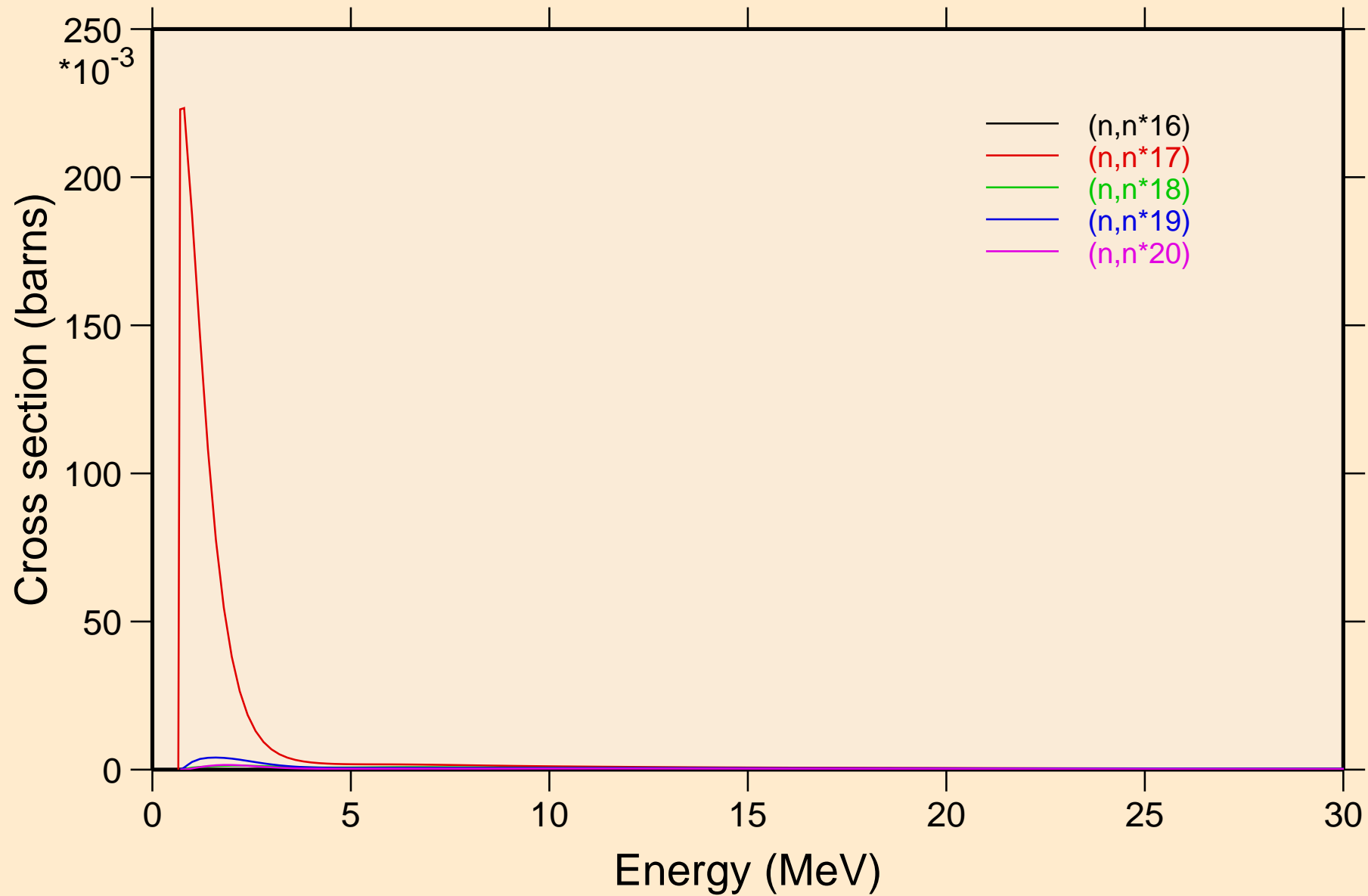
## Inelastic levels



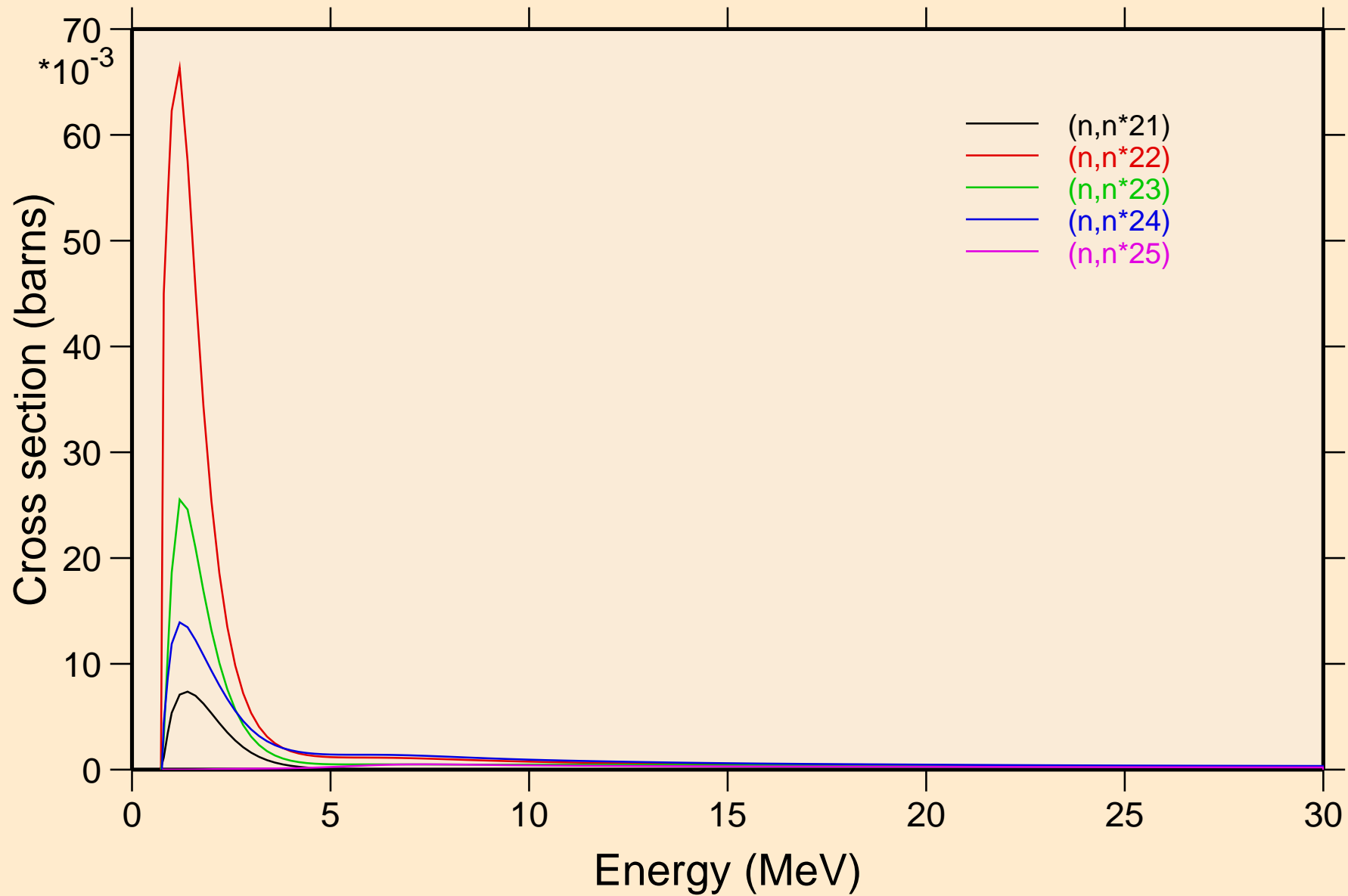
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



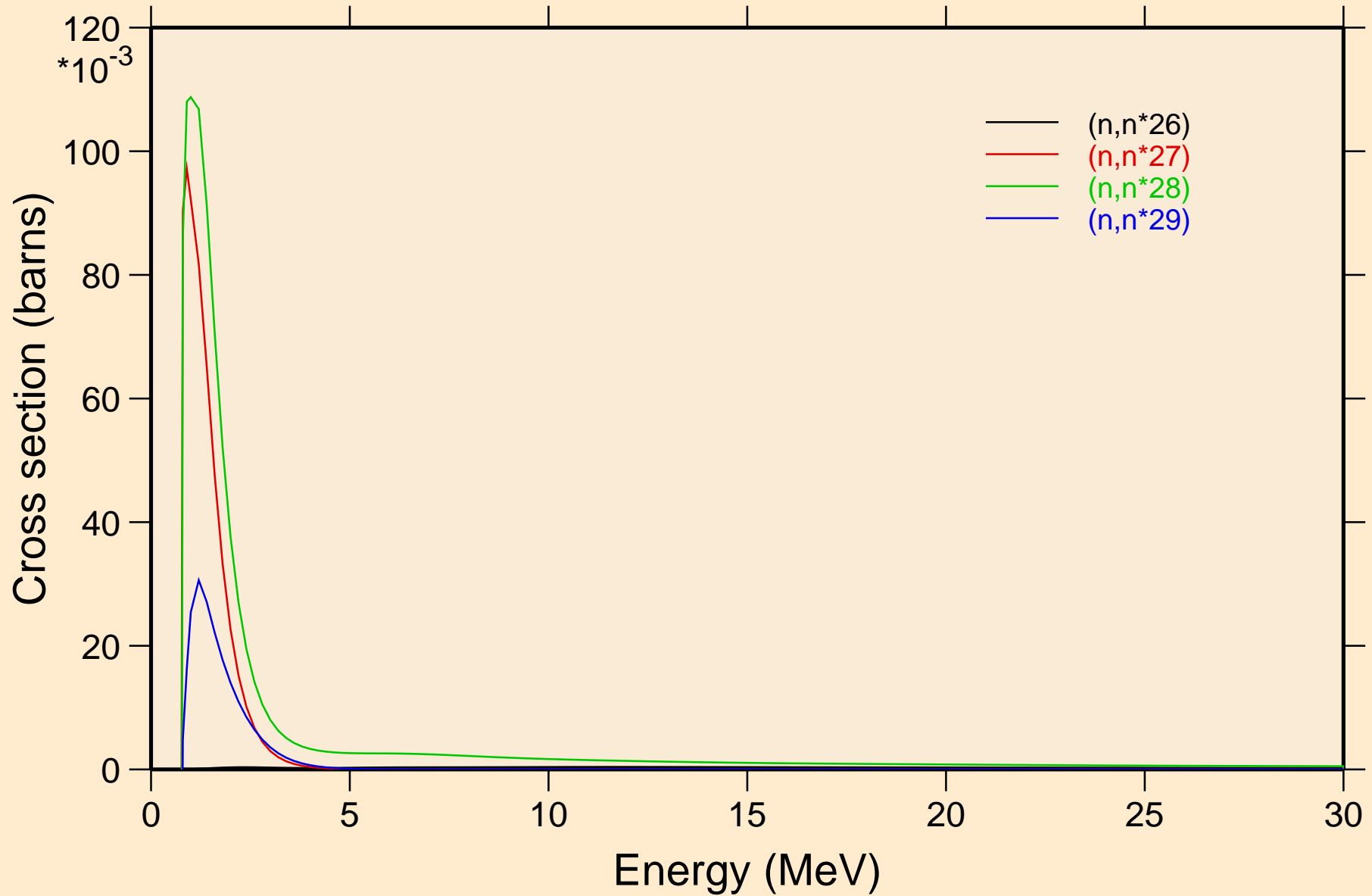
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

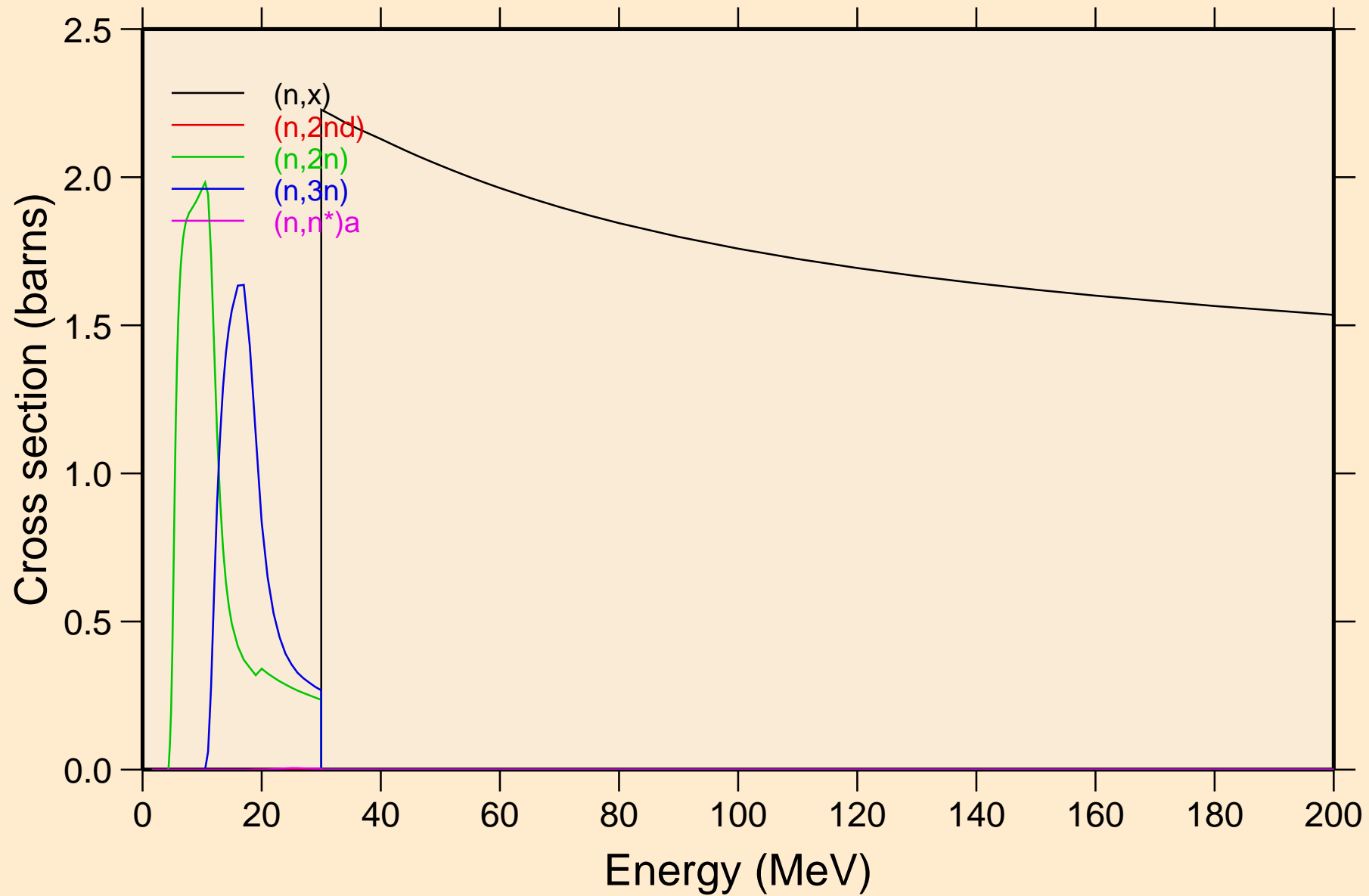


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



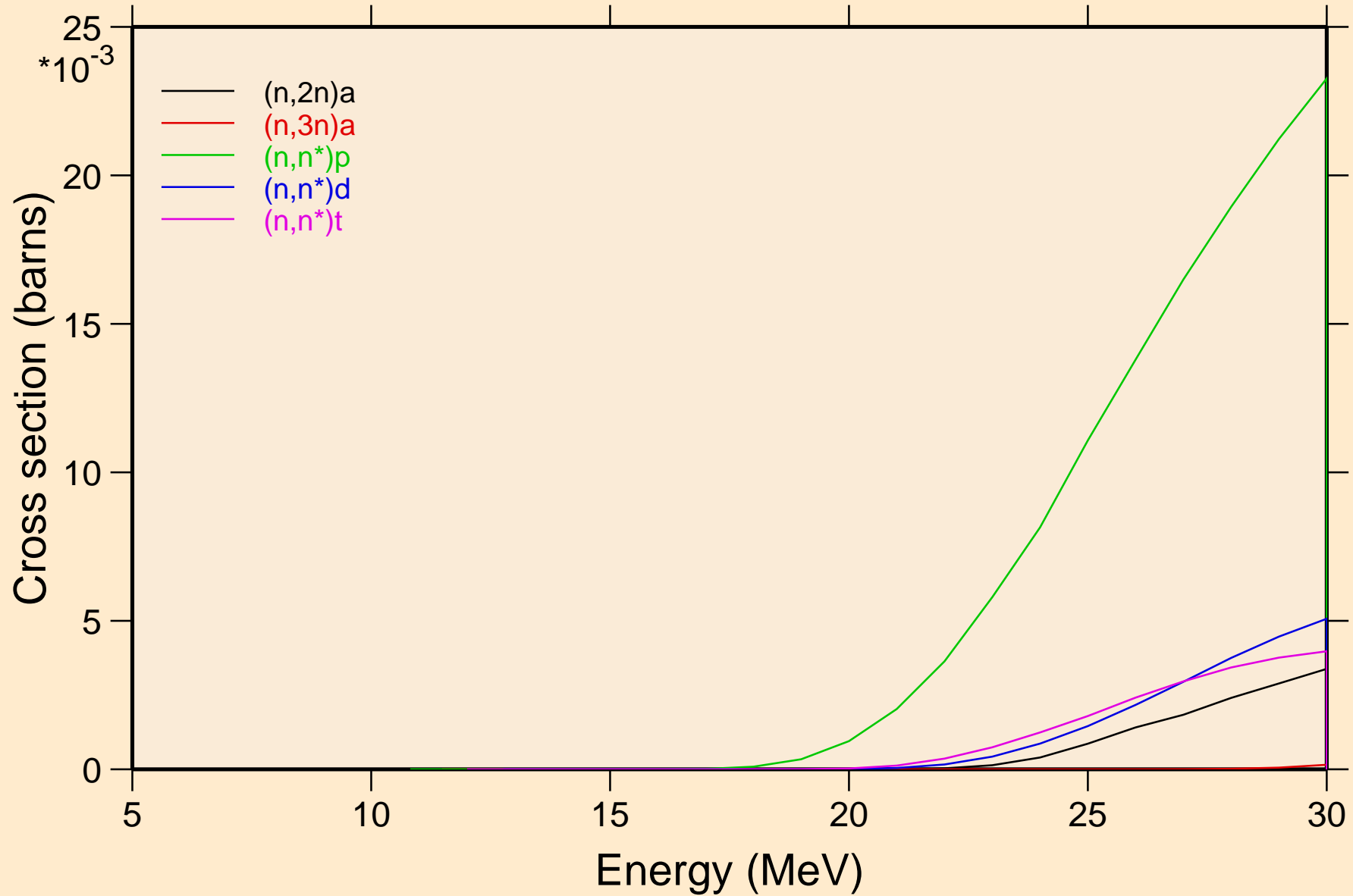
# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



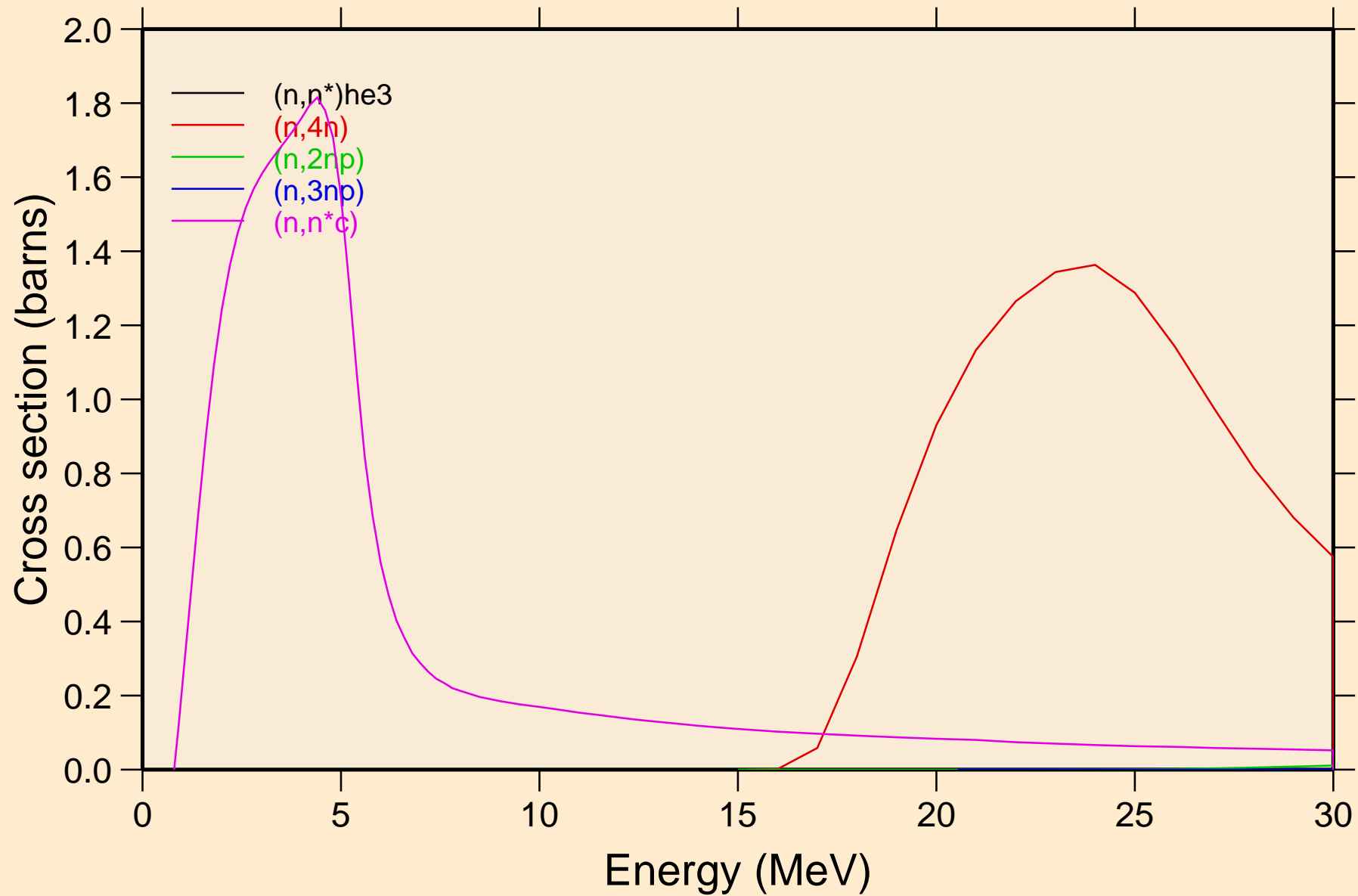
# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



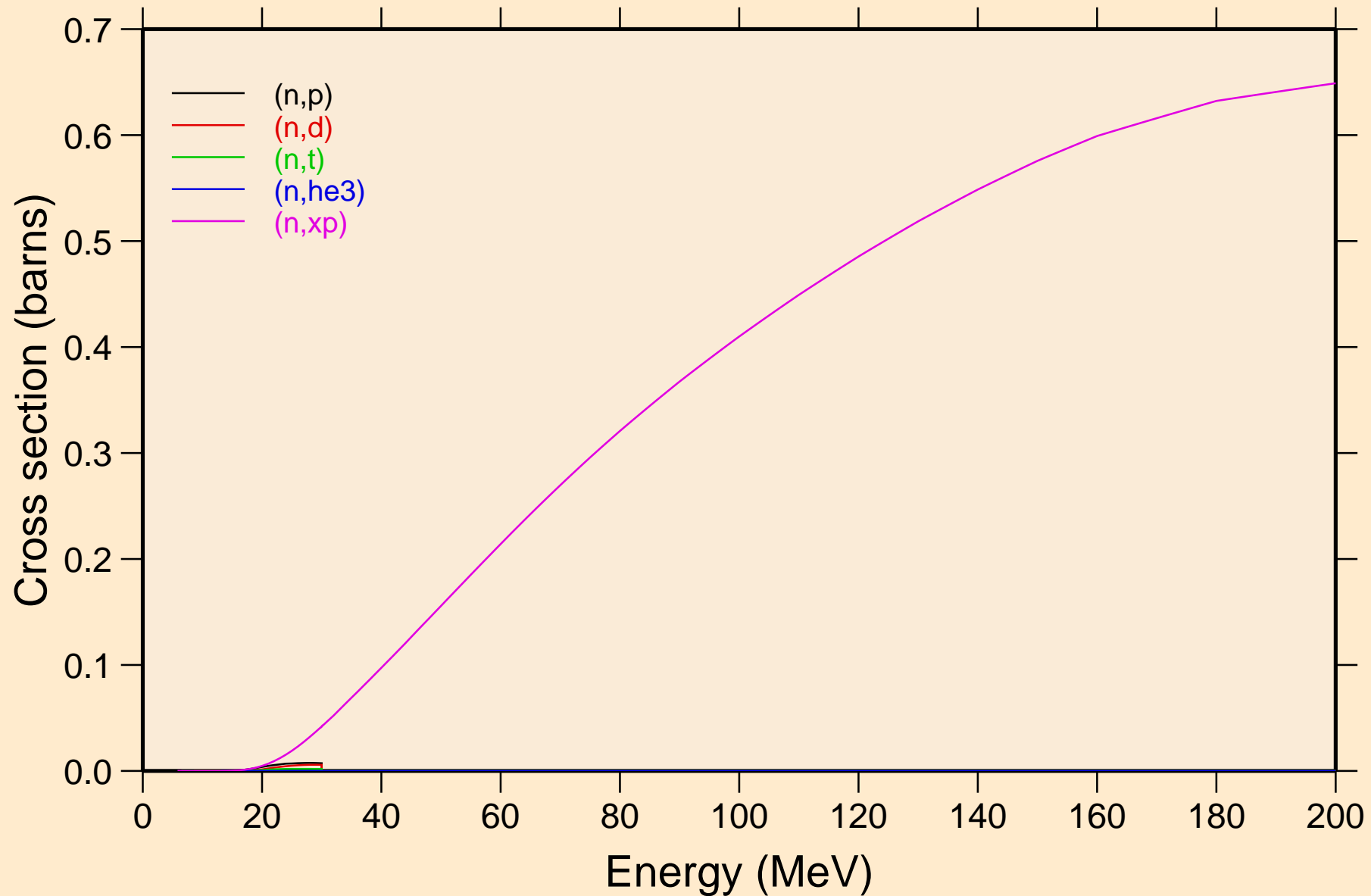


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



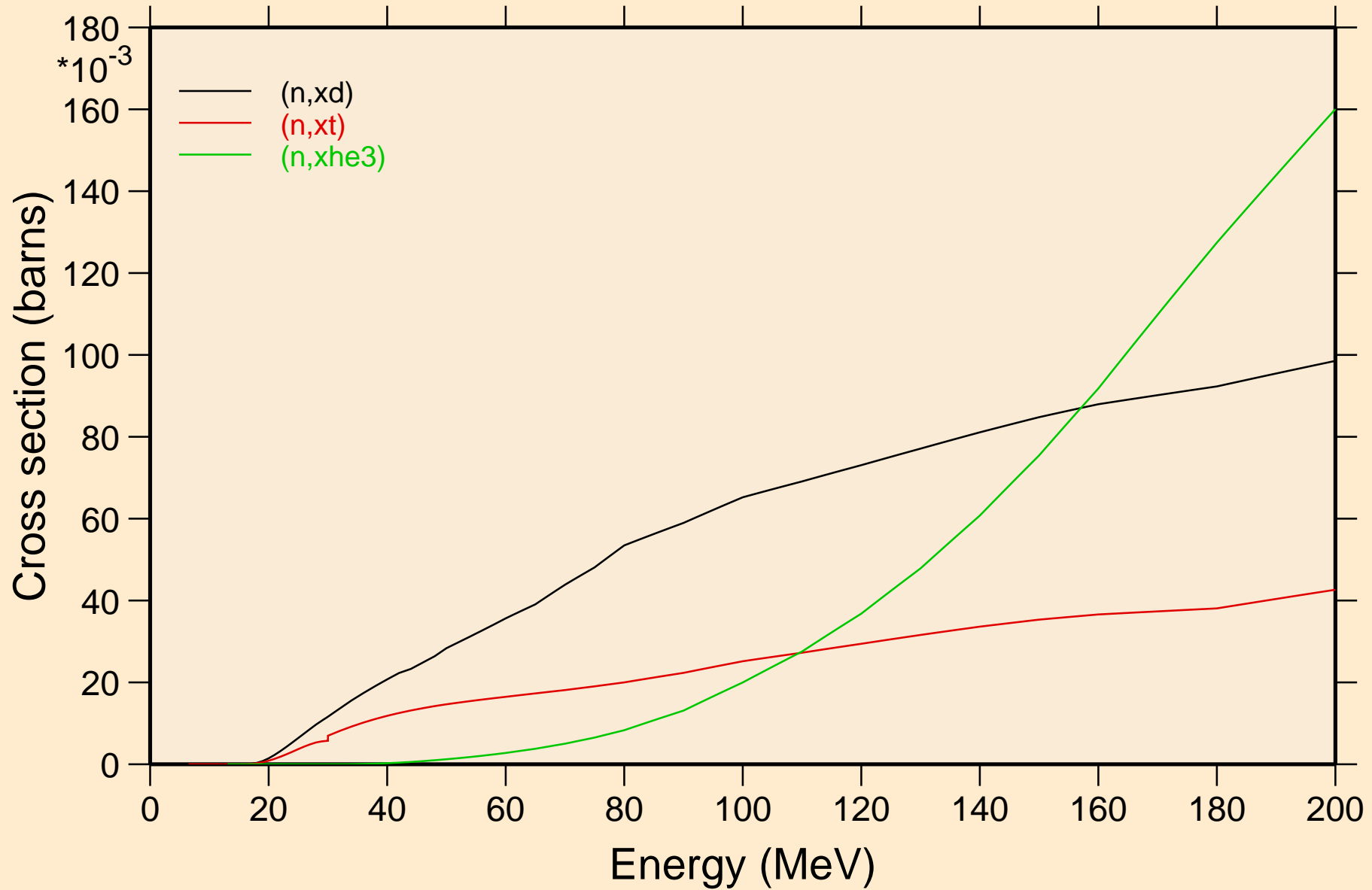
# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

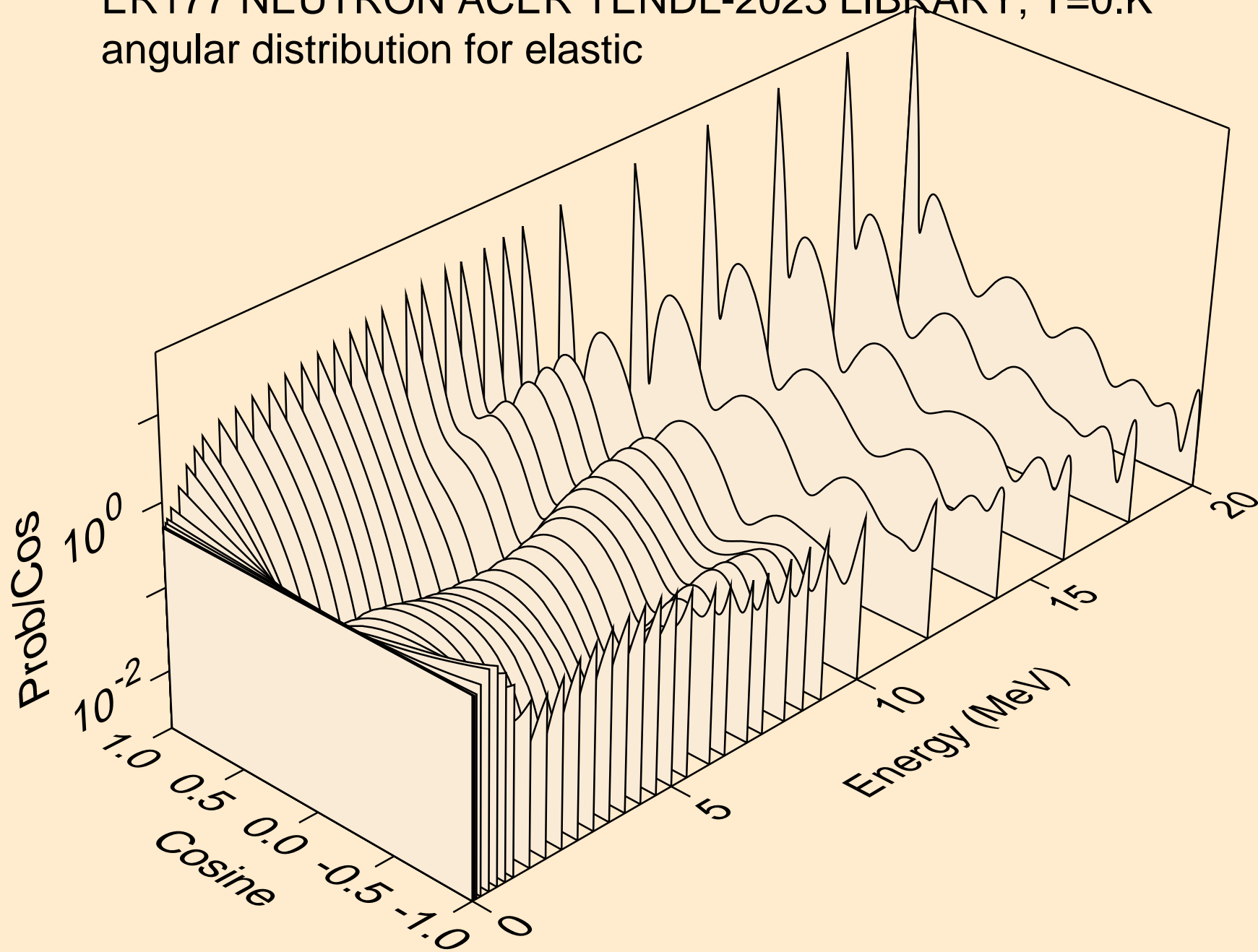


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

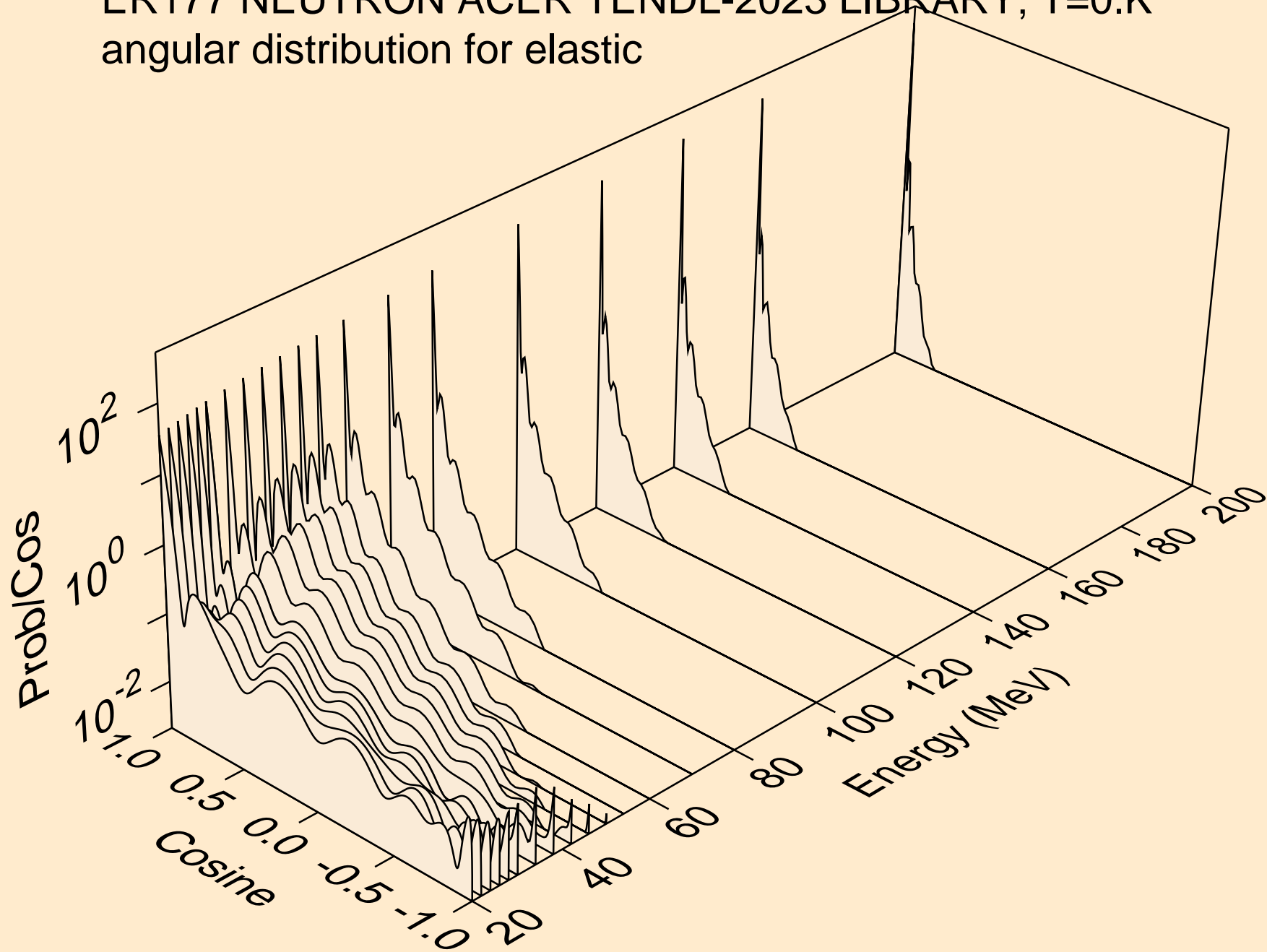
## Threshold reactions



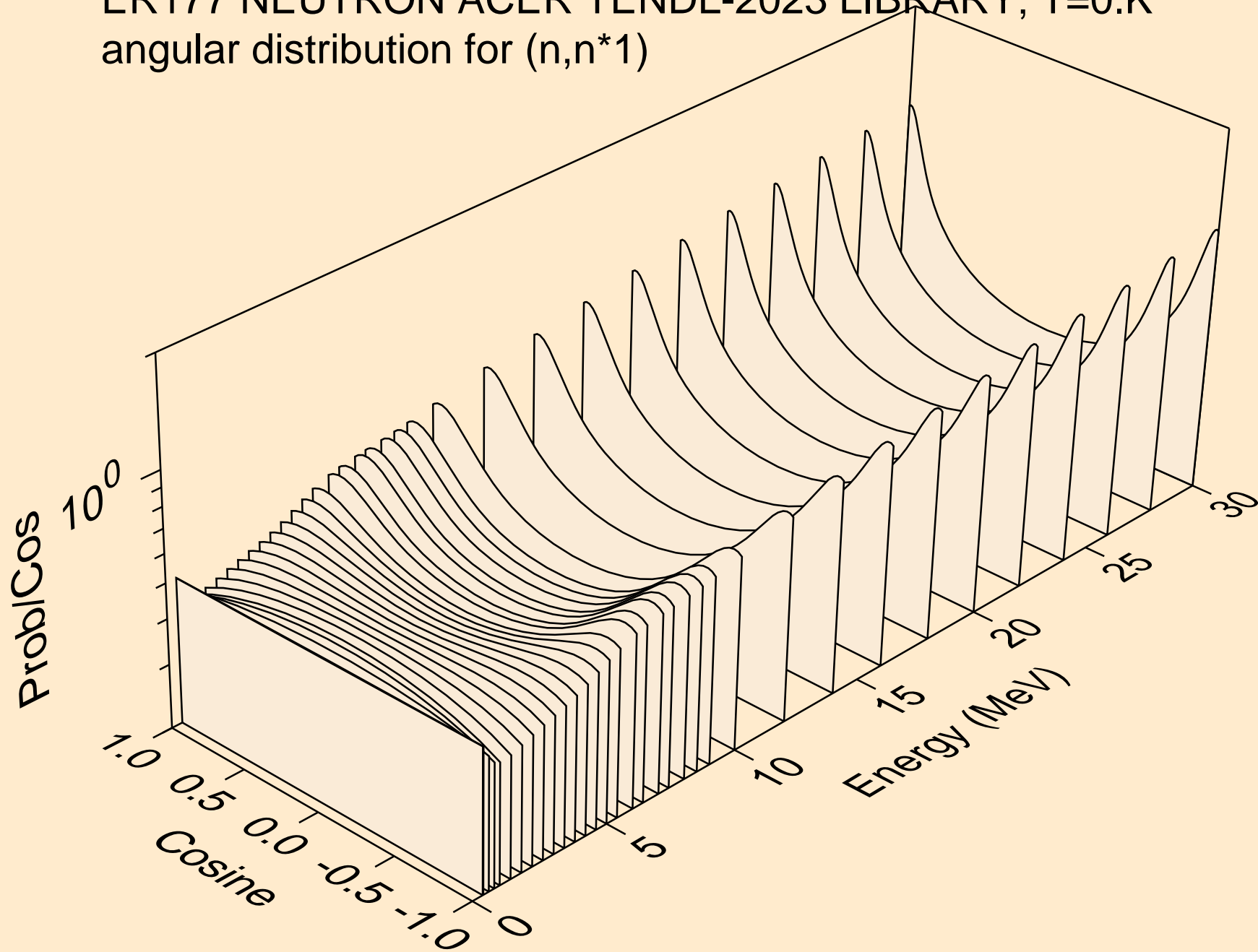
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



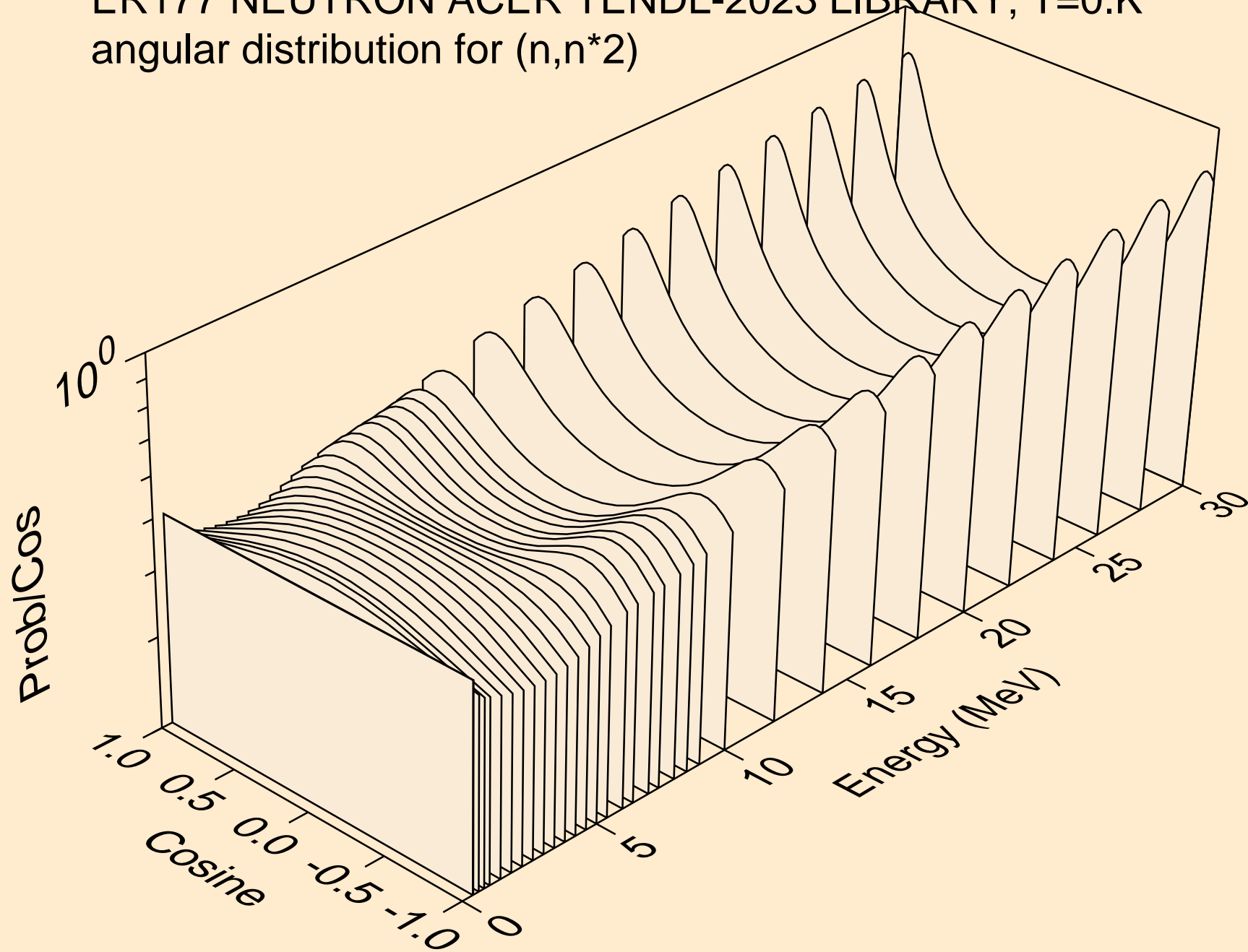
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



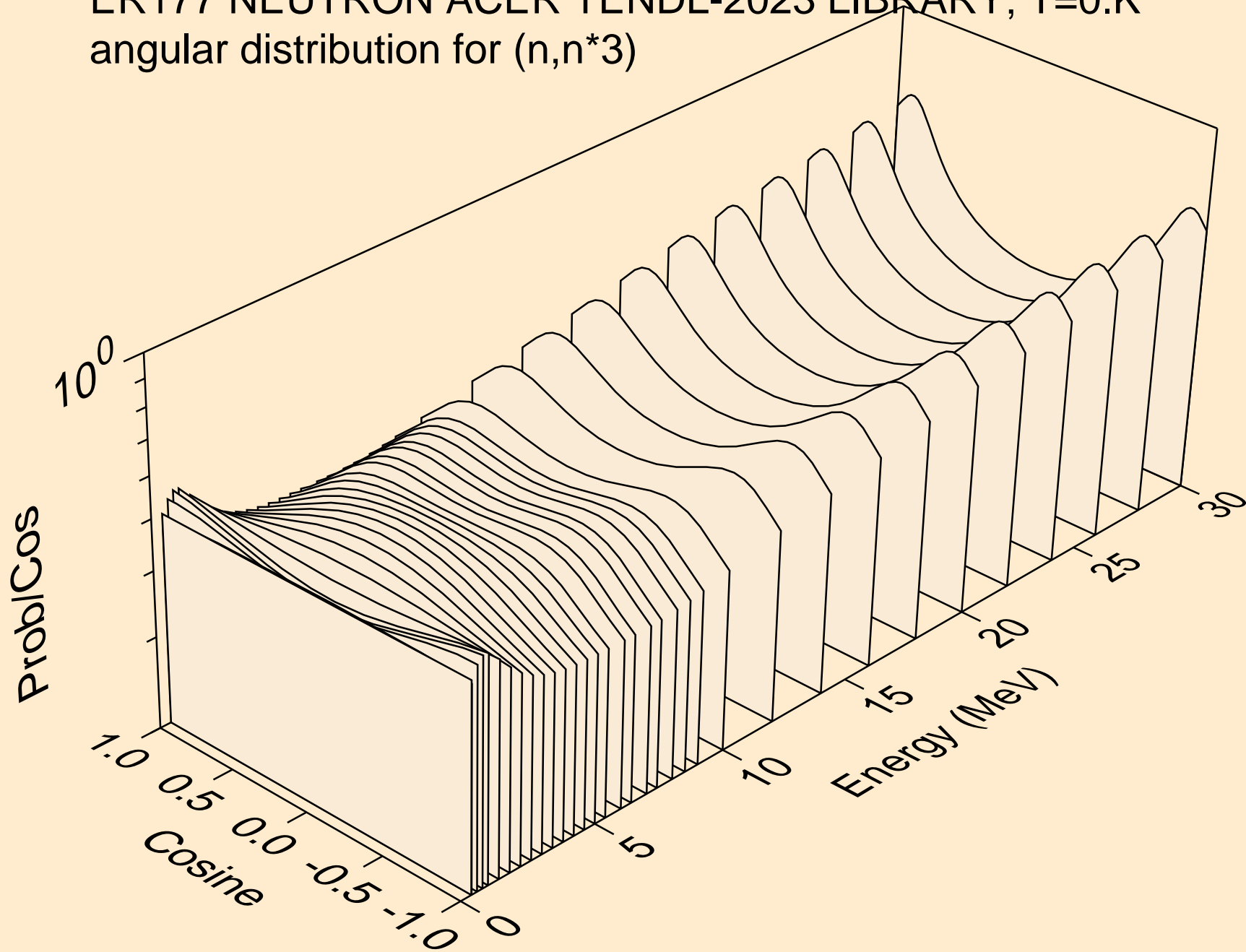
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

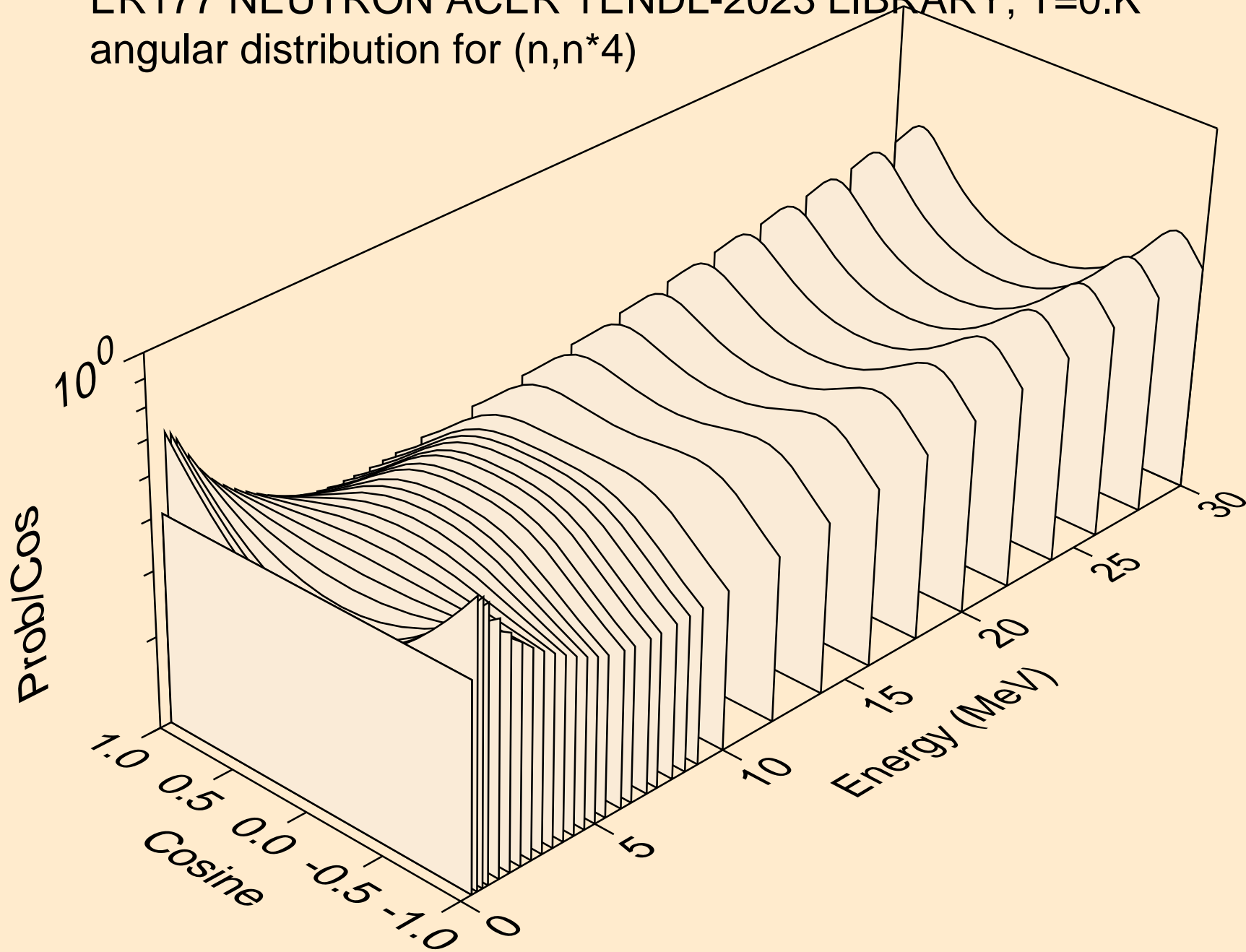


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

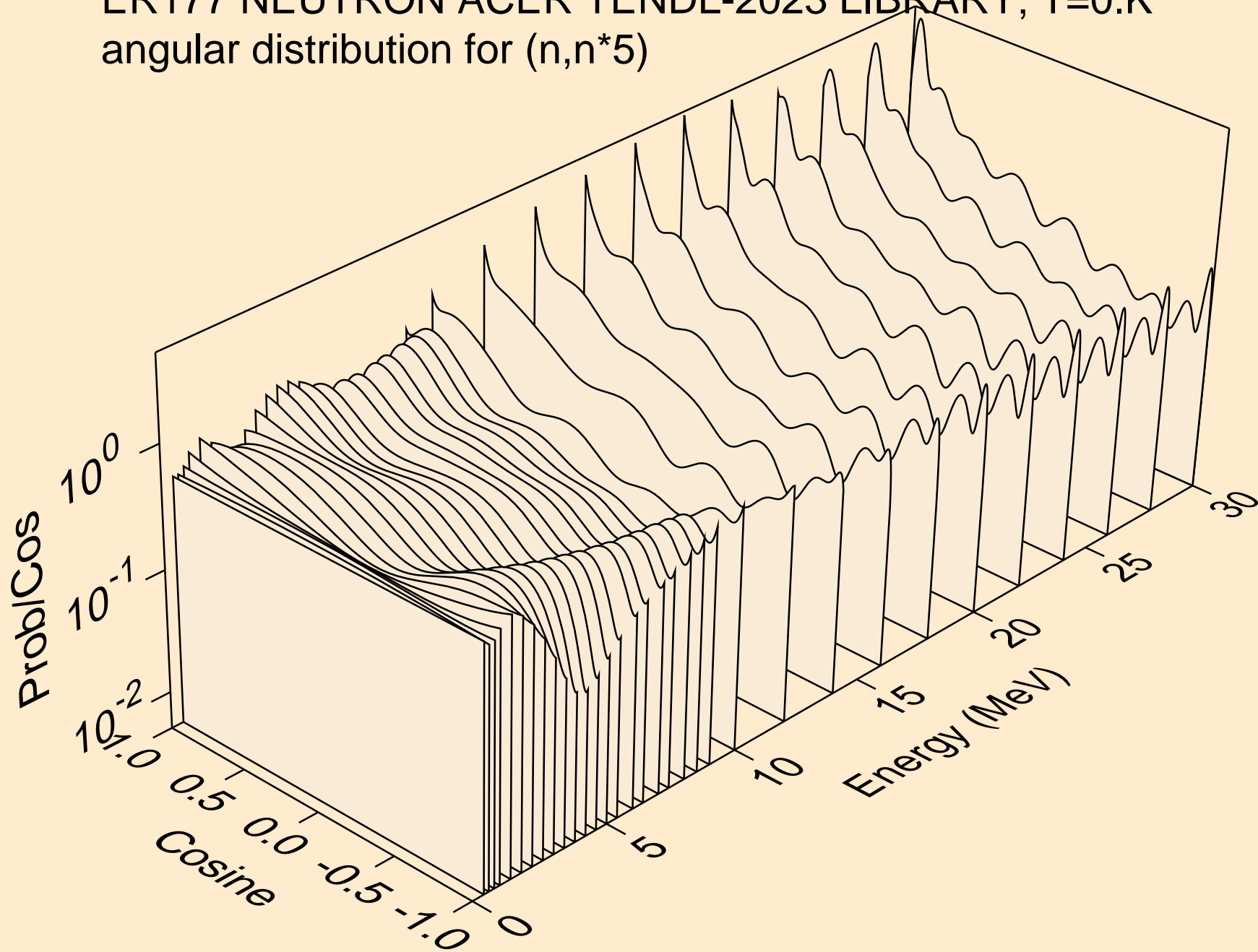




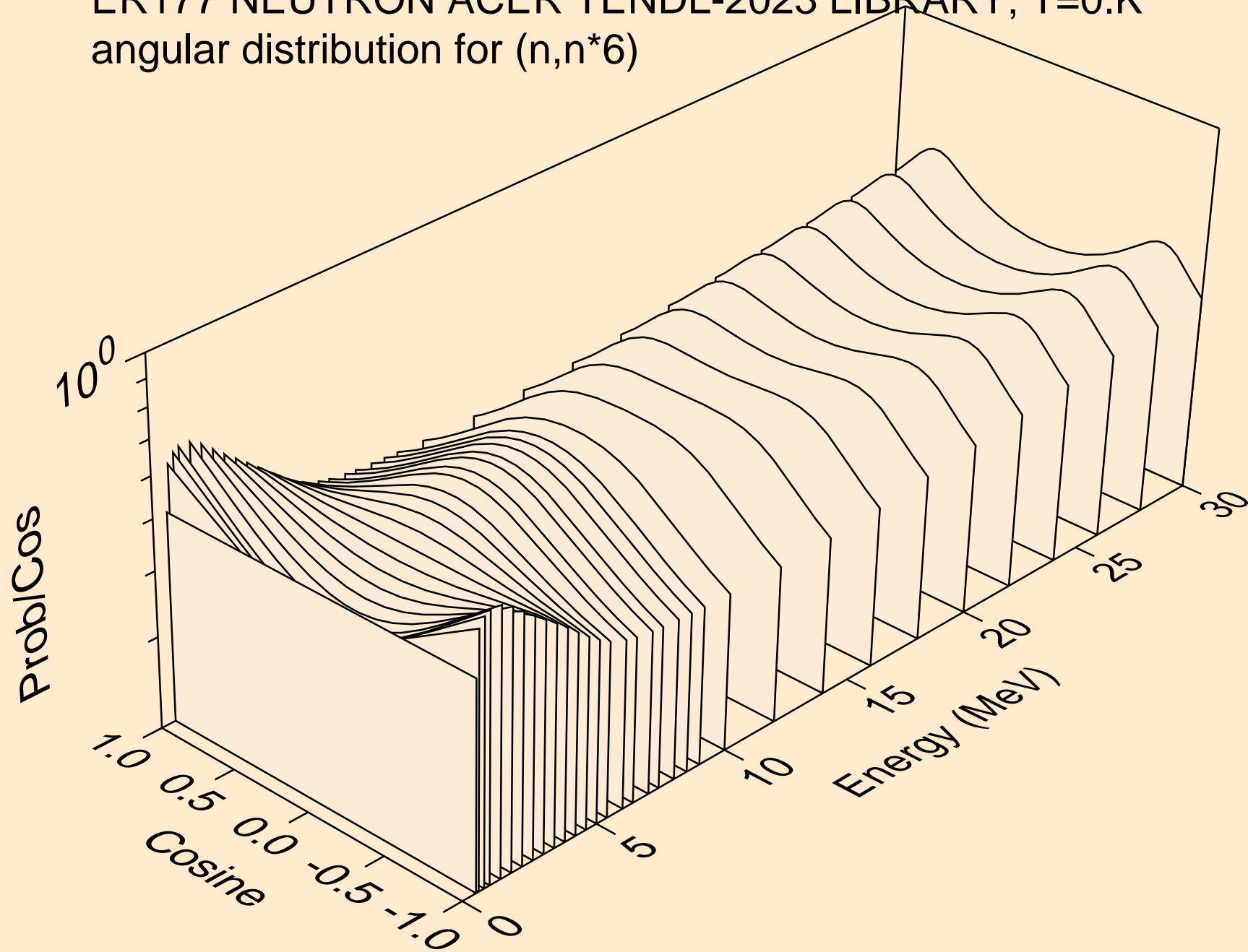
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



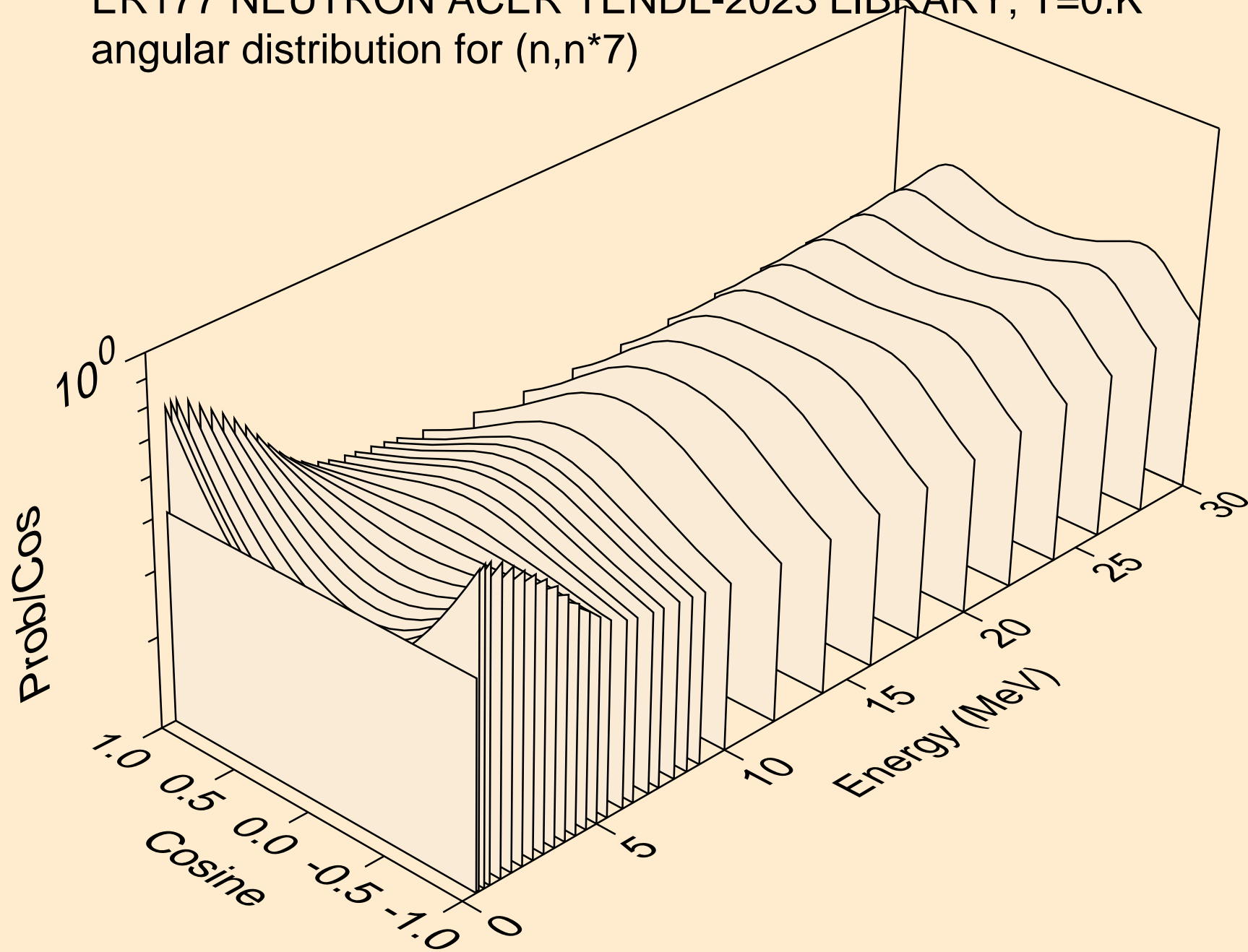
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



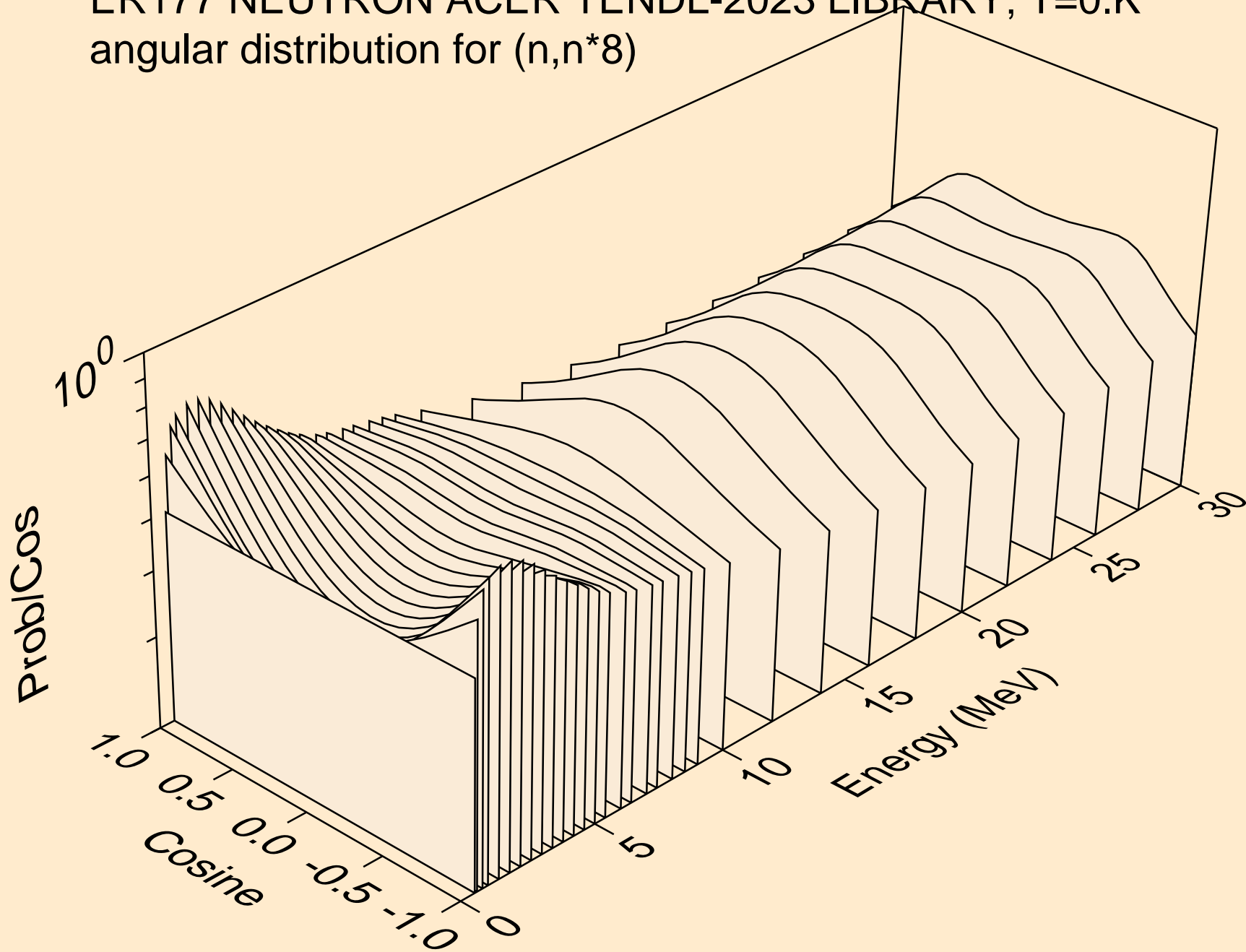
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



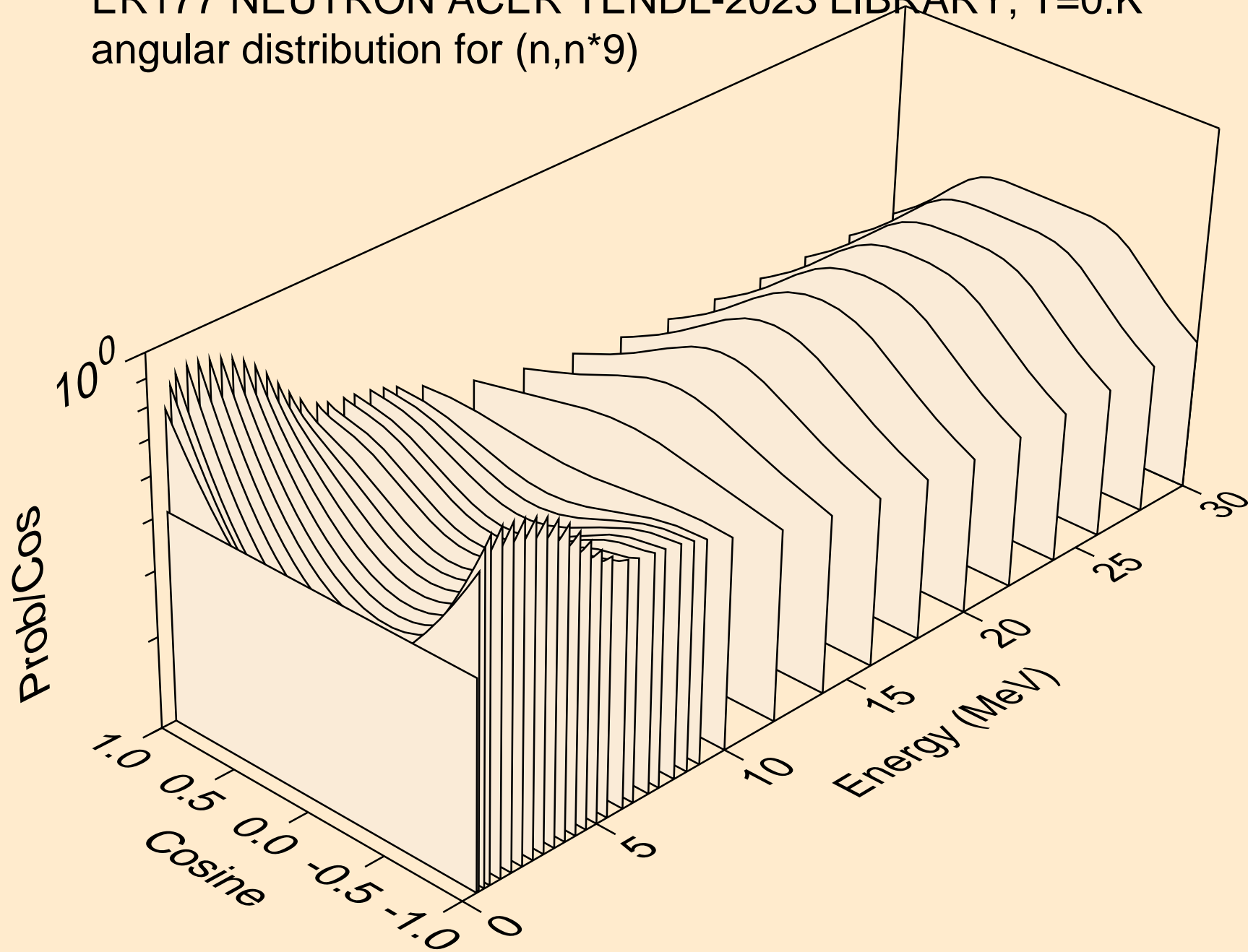
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



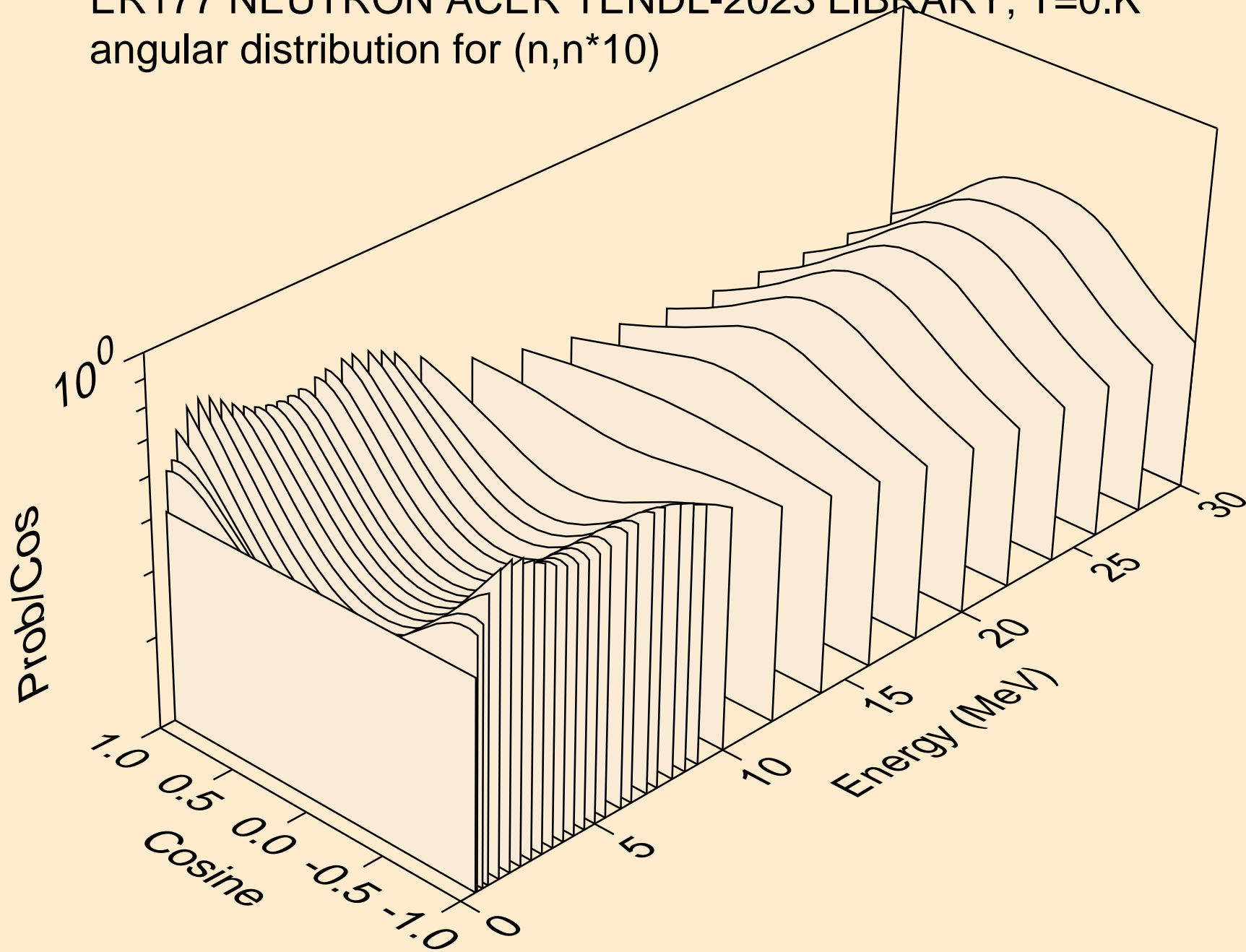
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



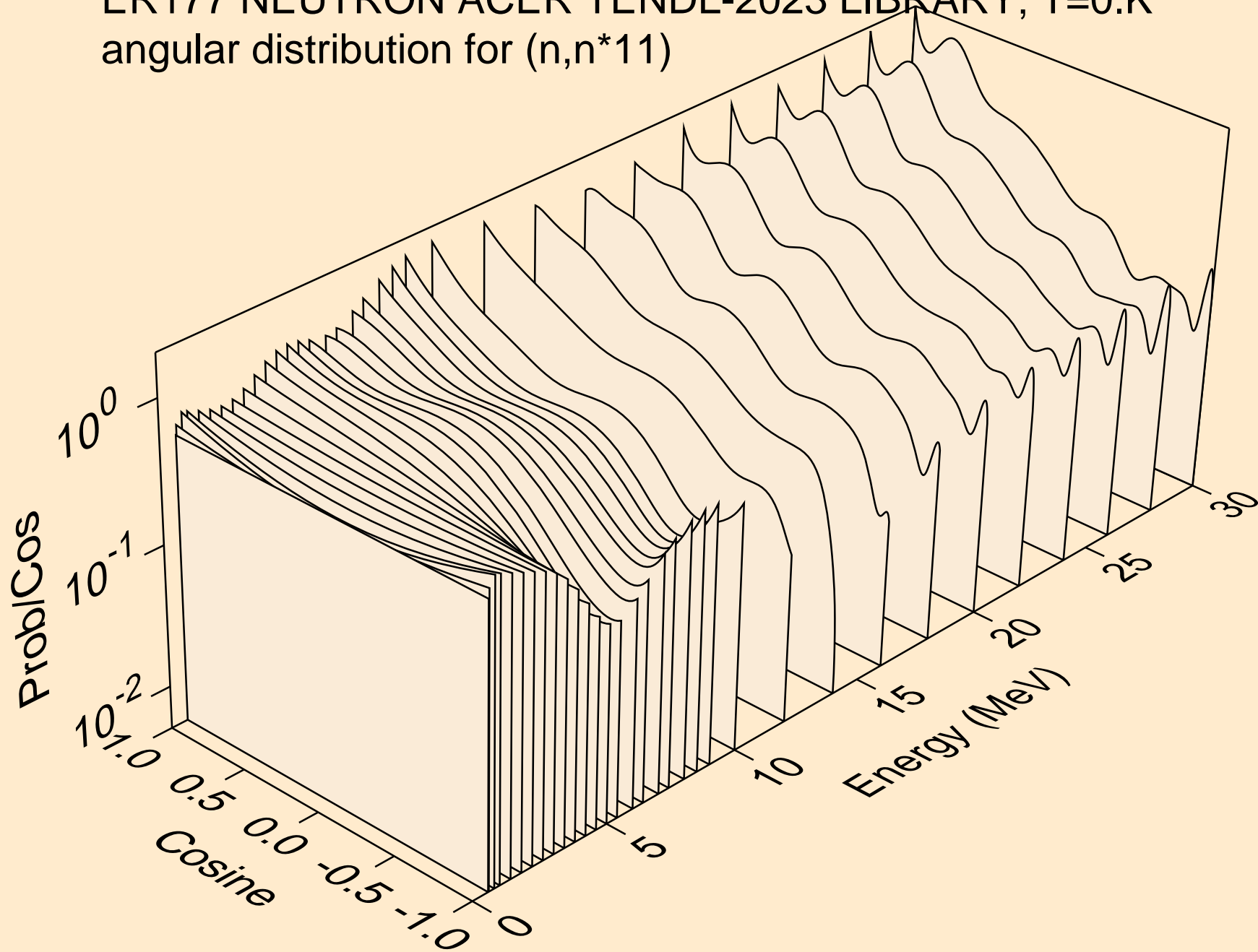
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

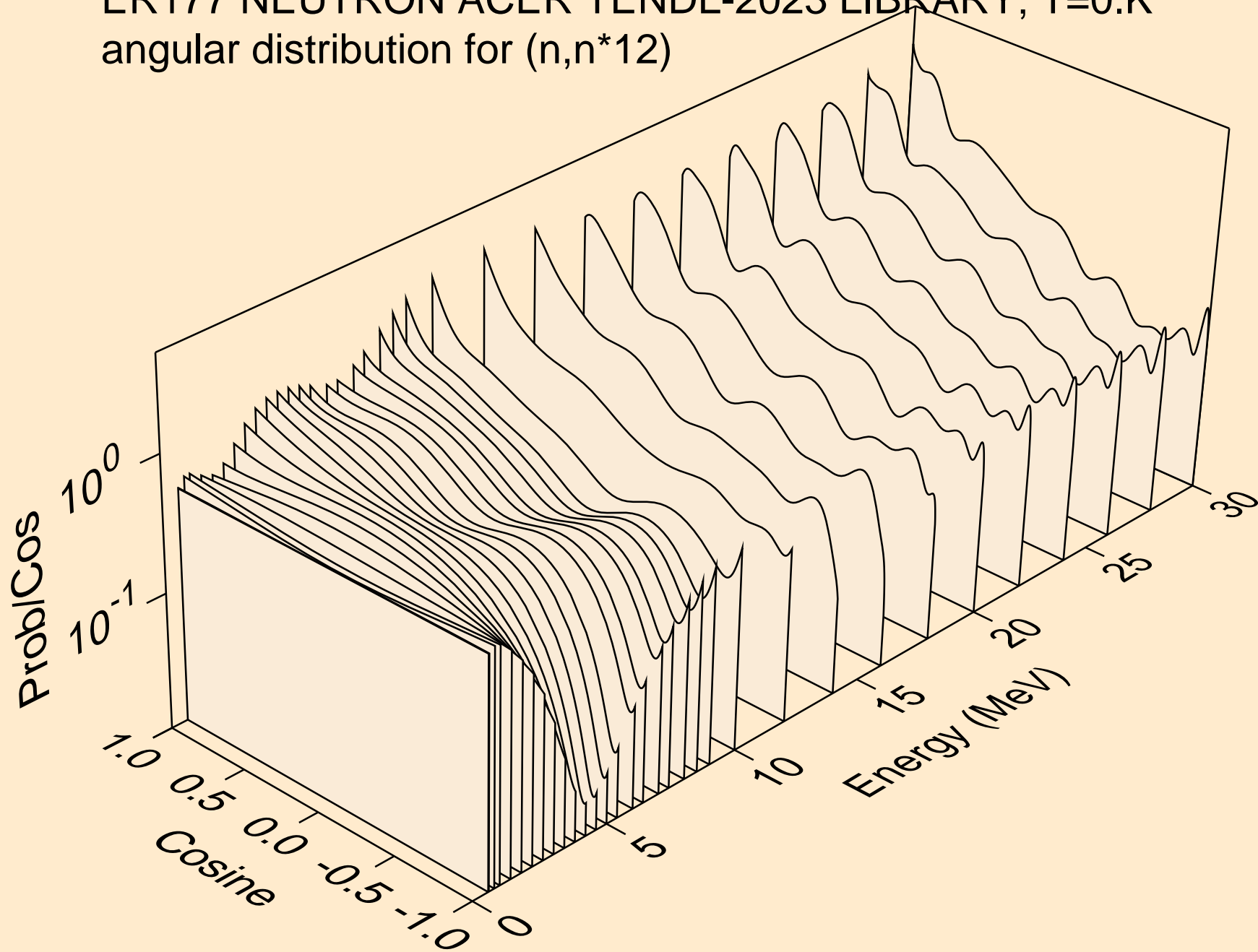


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

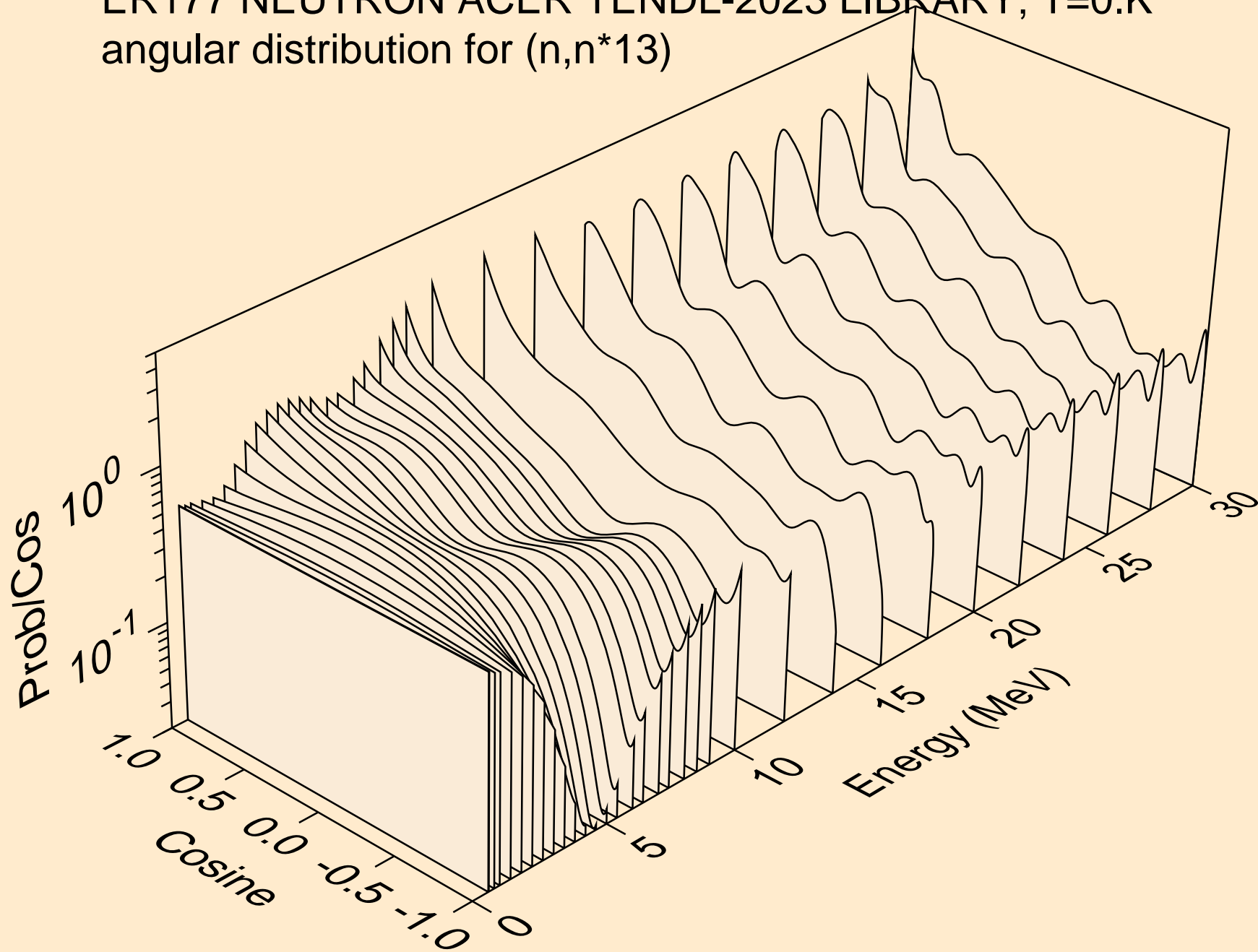




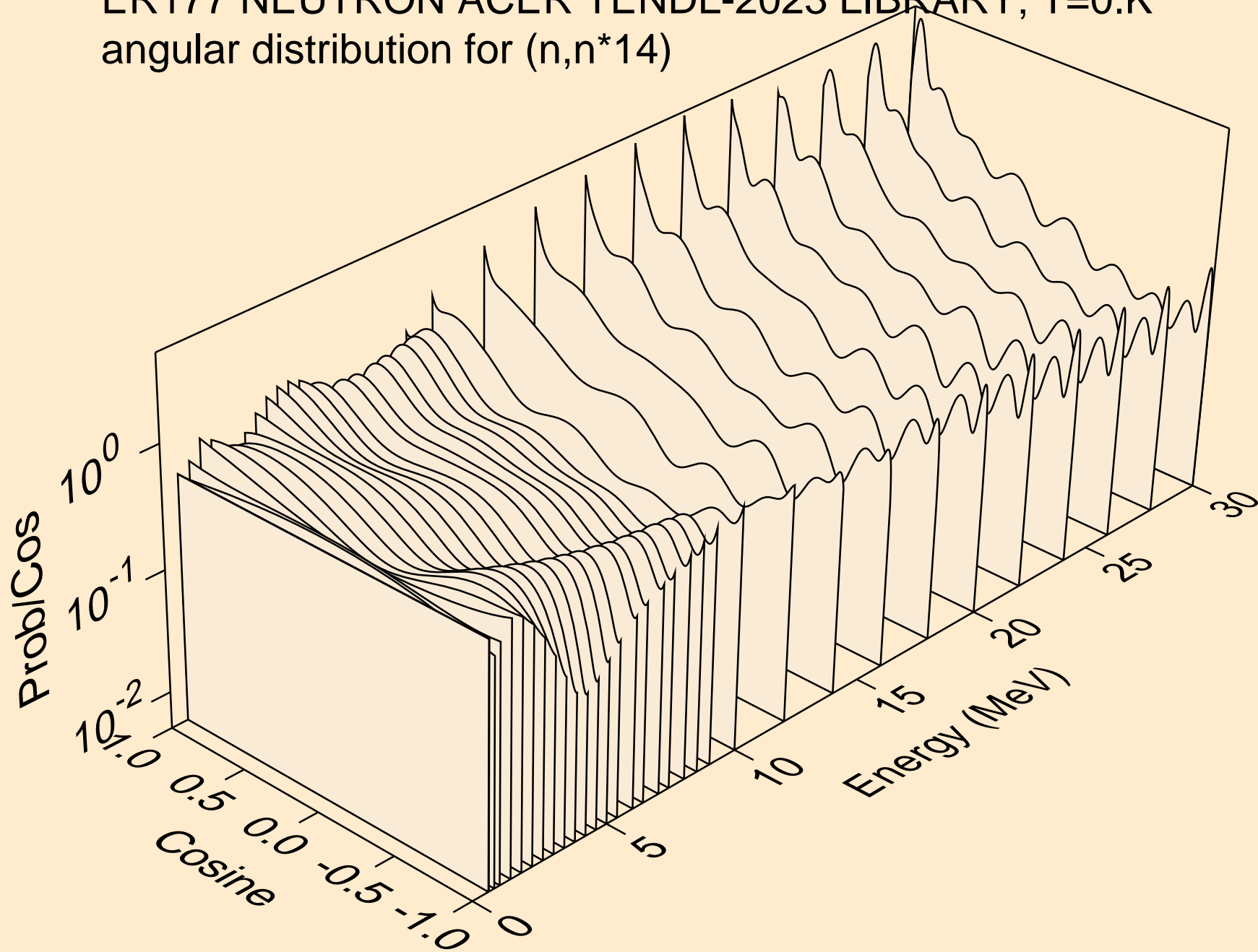
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



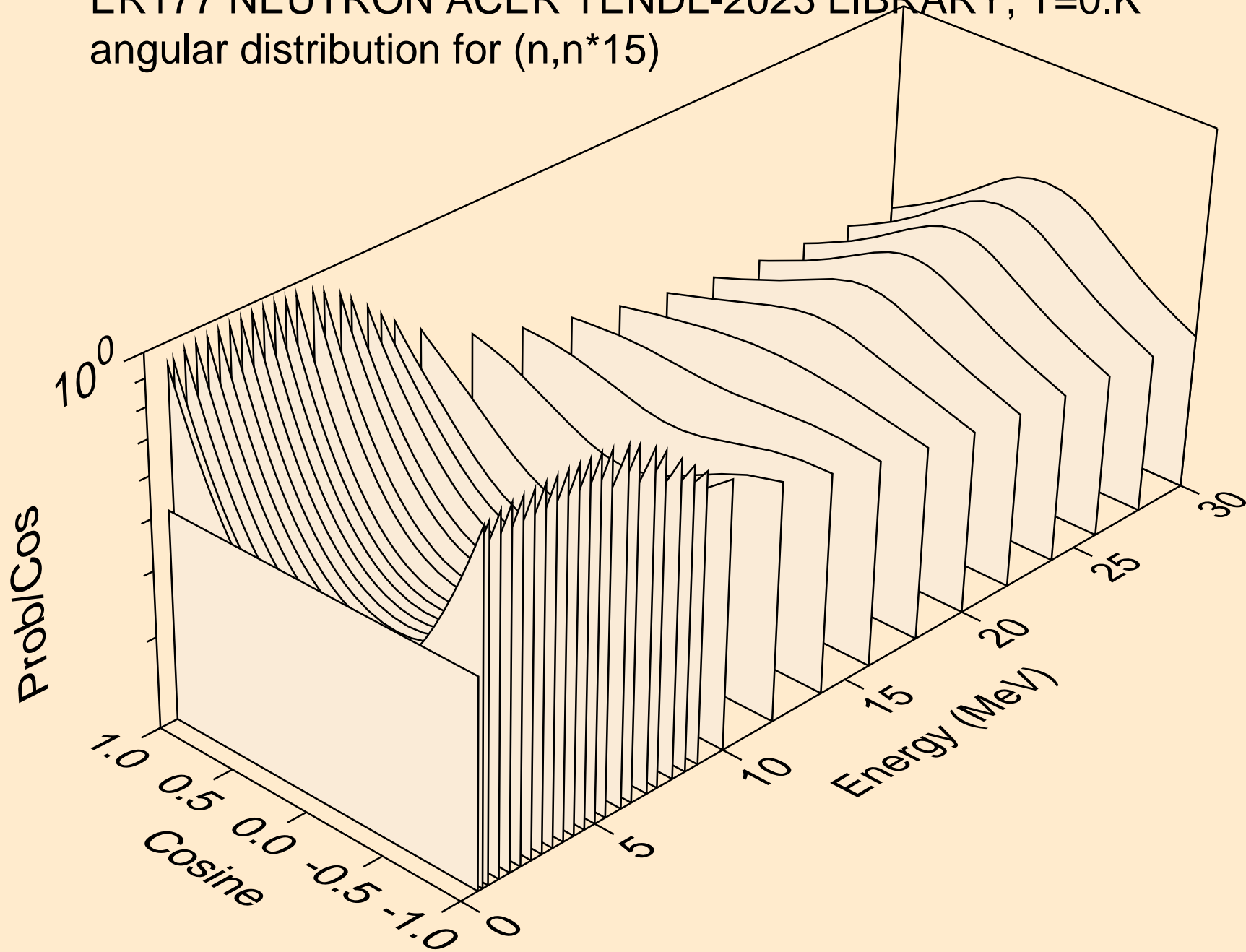
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



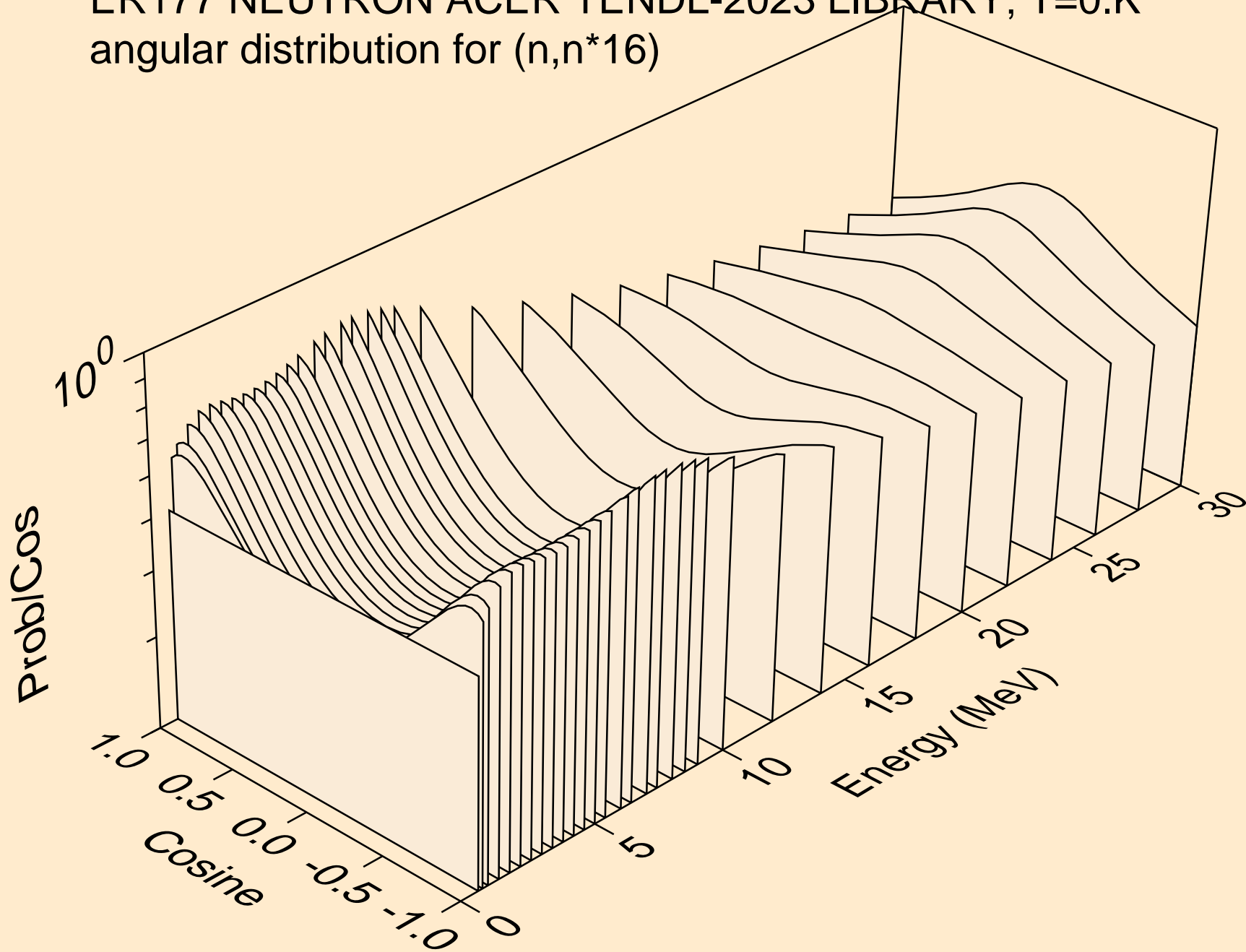
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



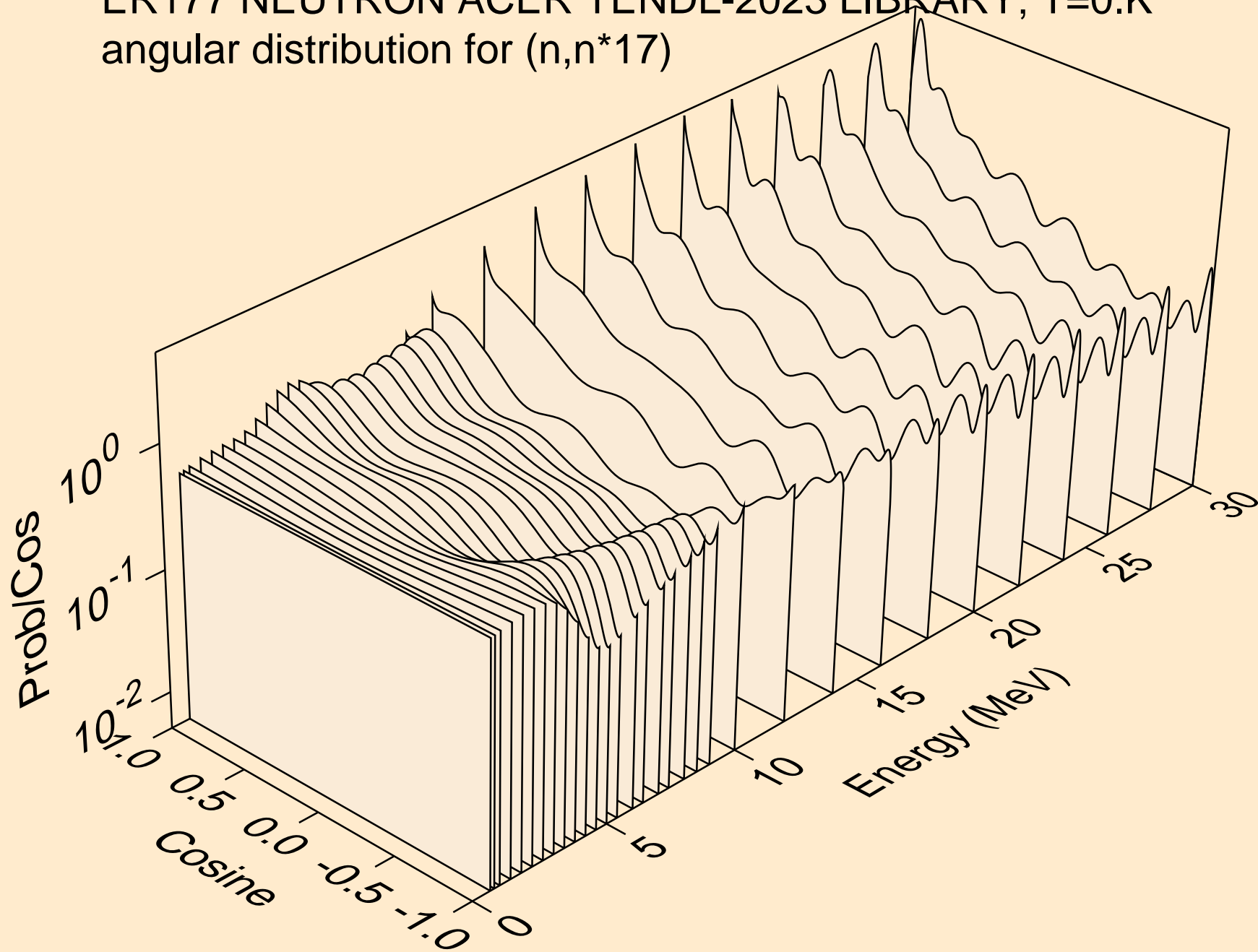
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



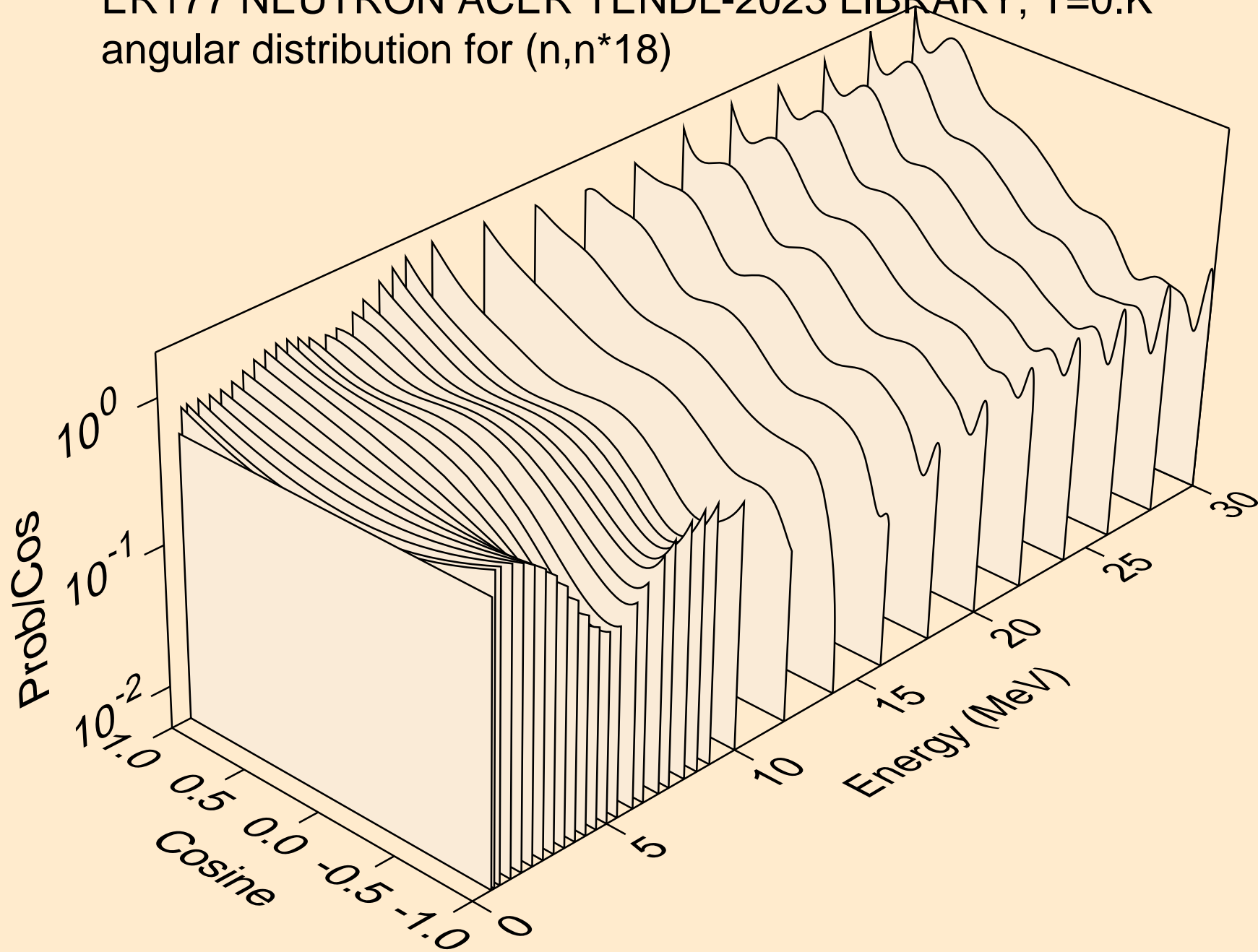
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



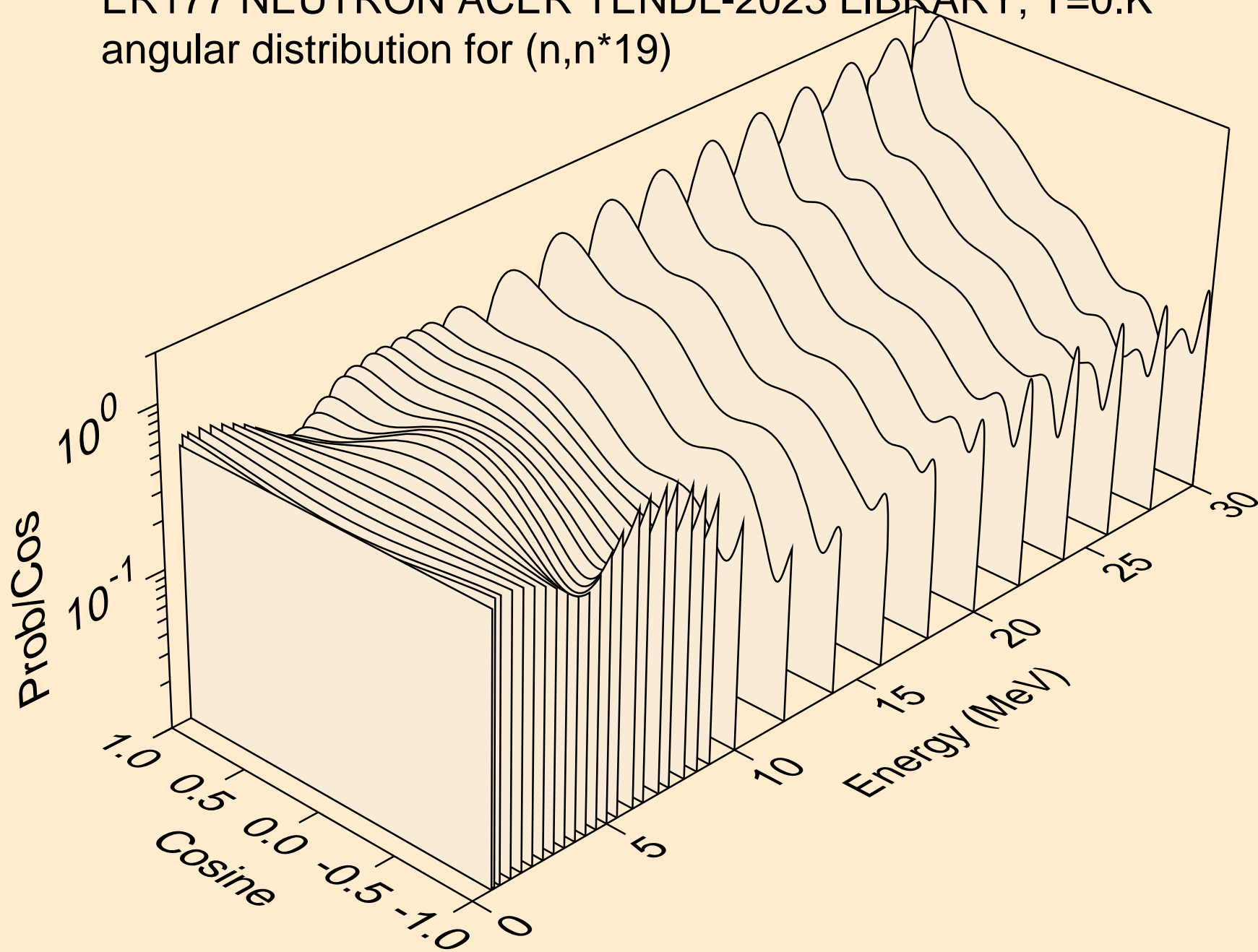
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

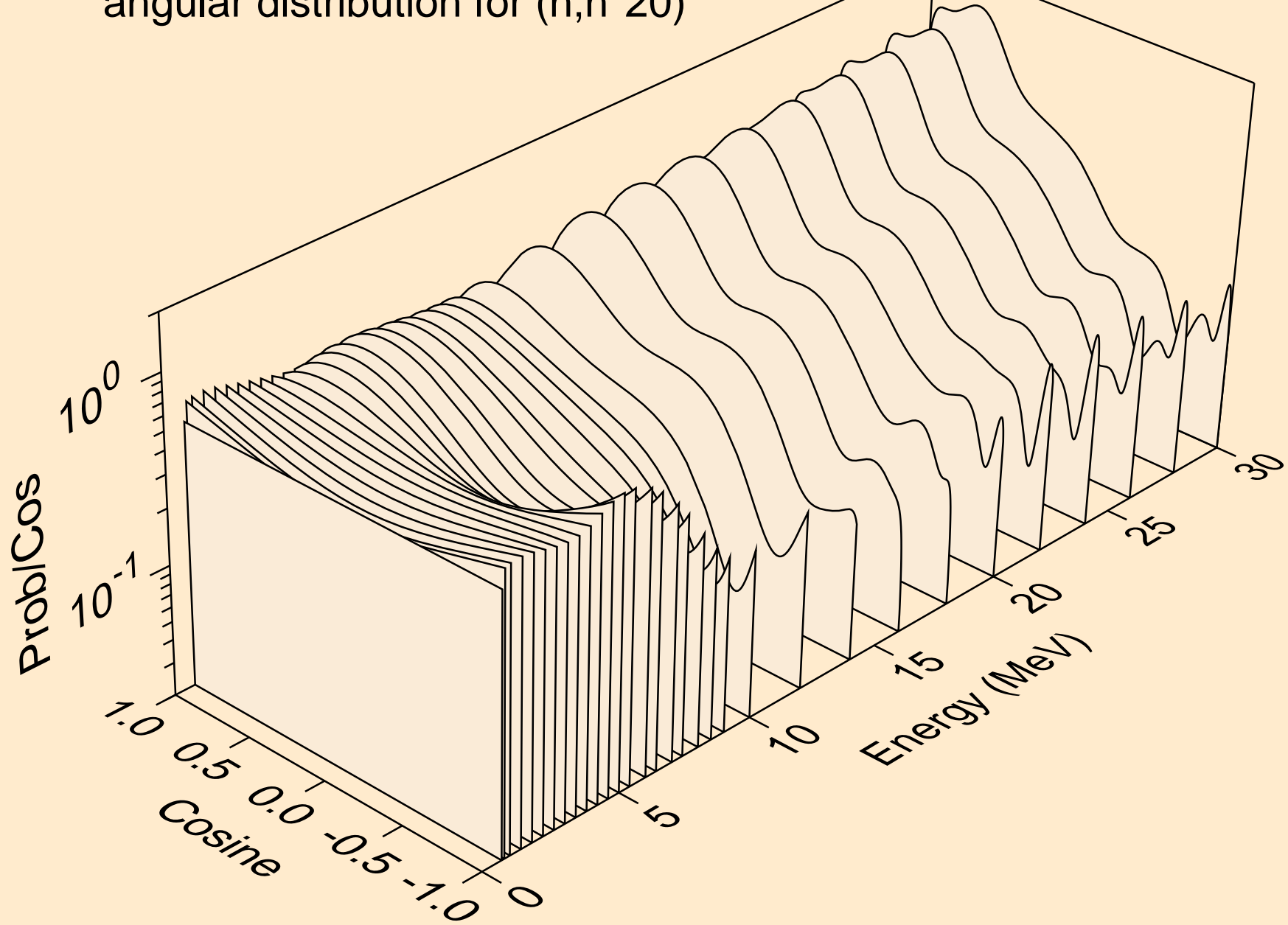


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

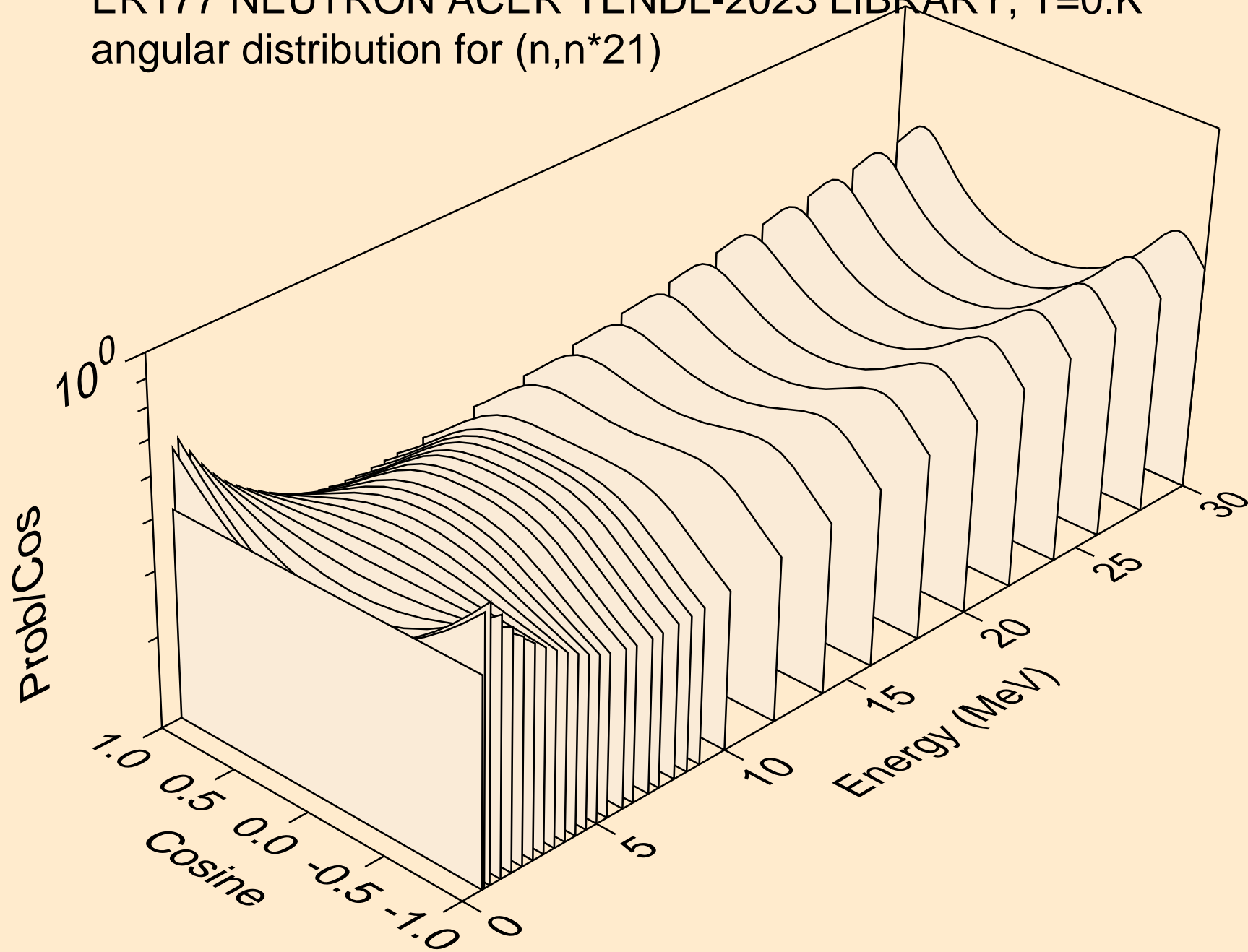




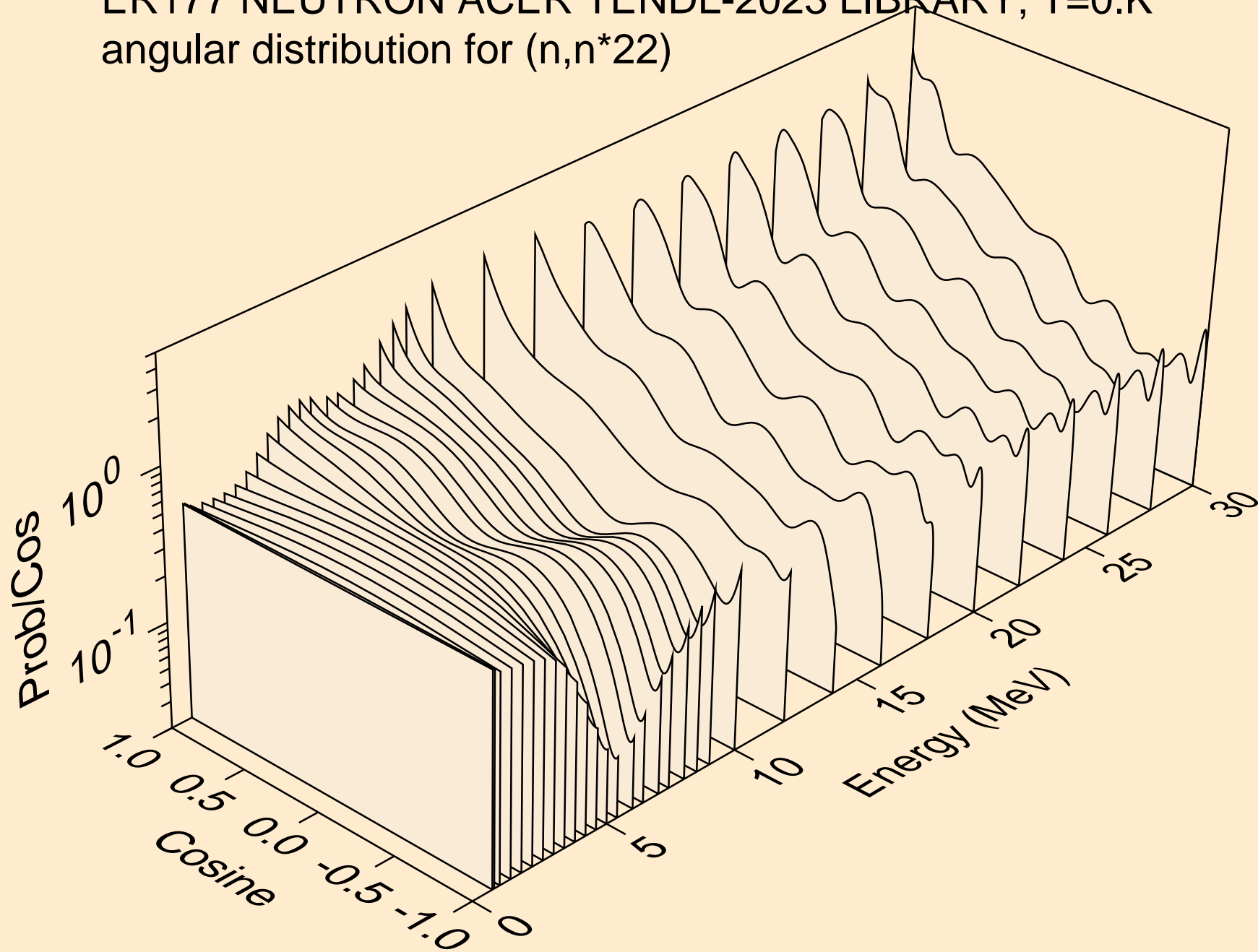
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



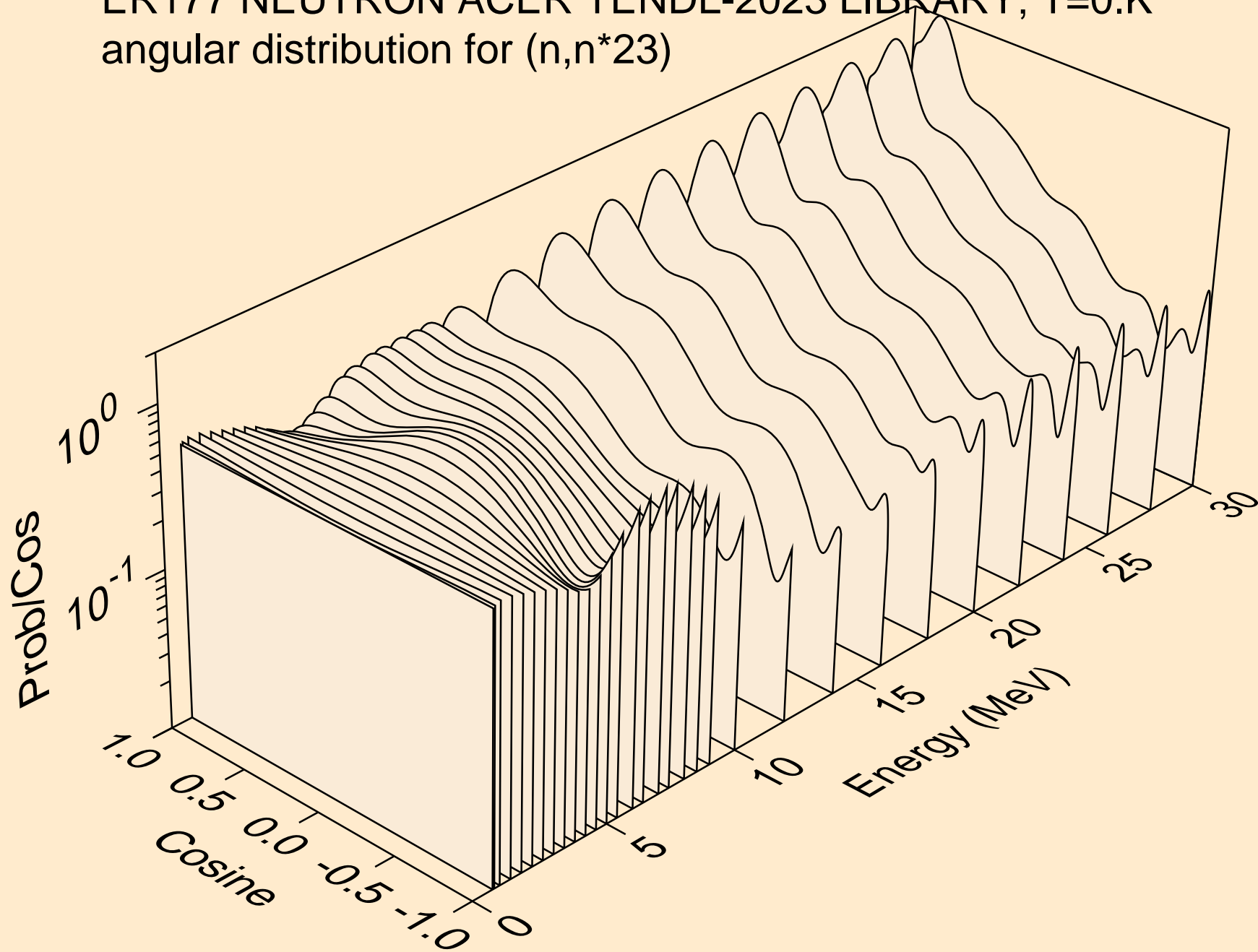
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



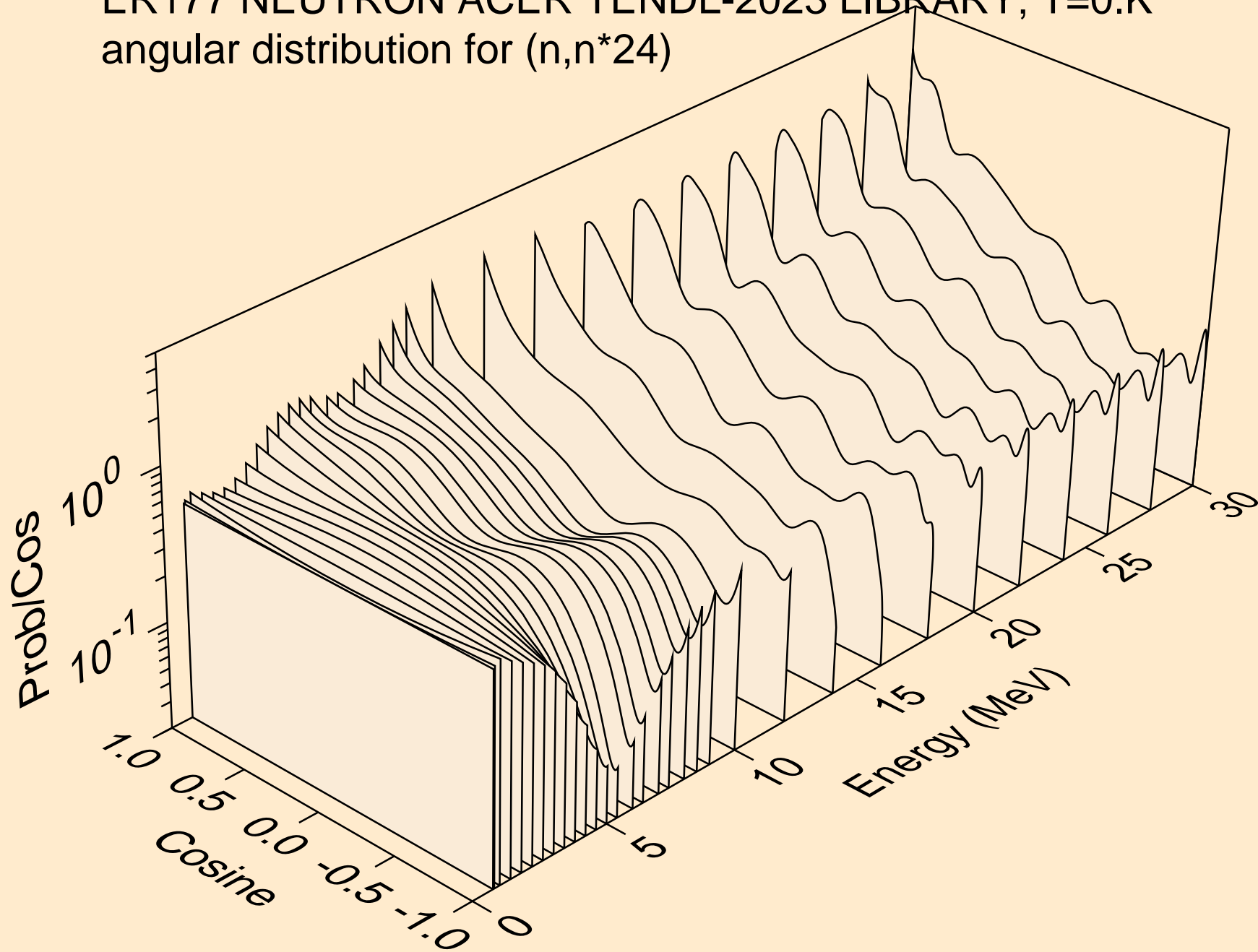
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



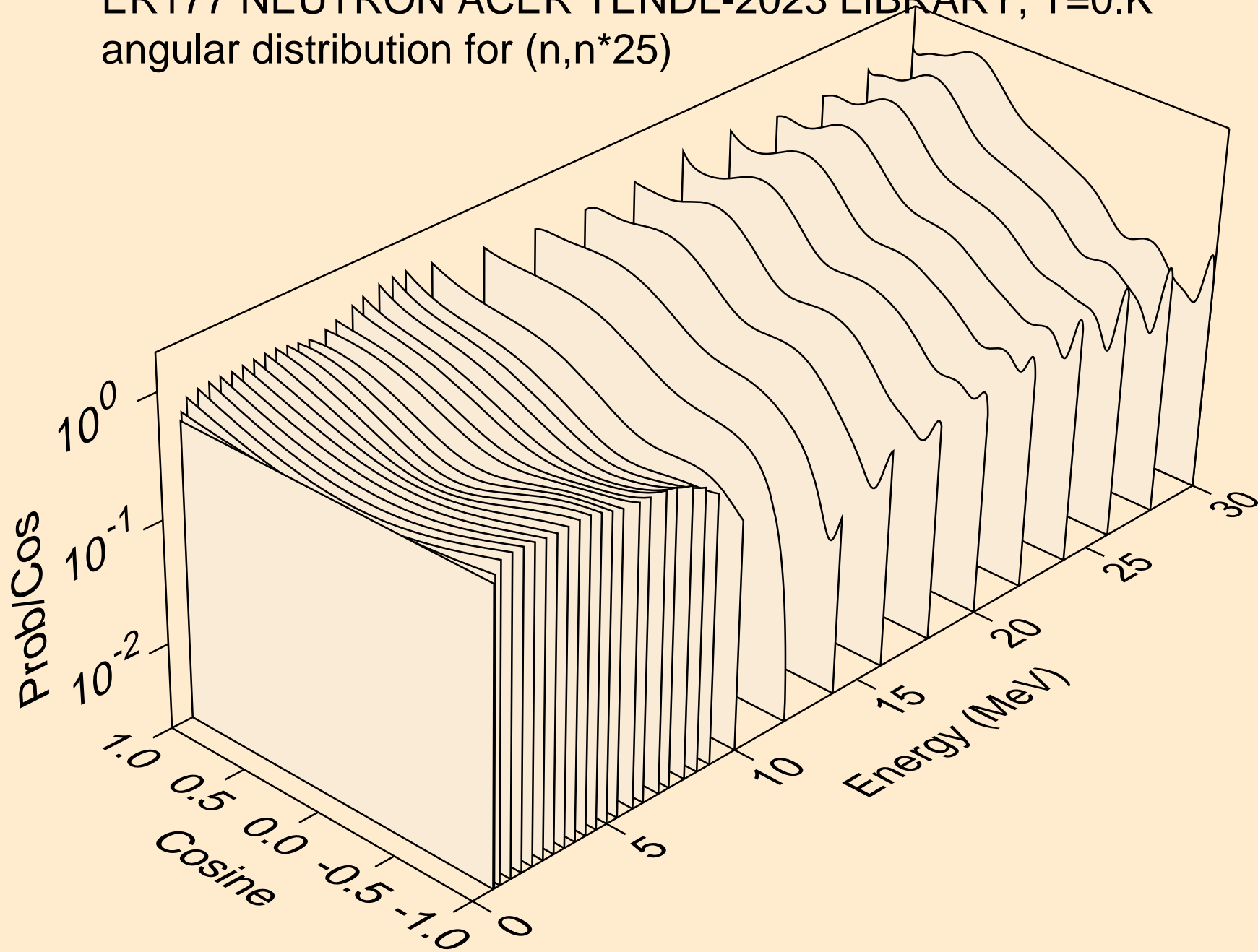
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



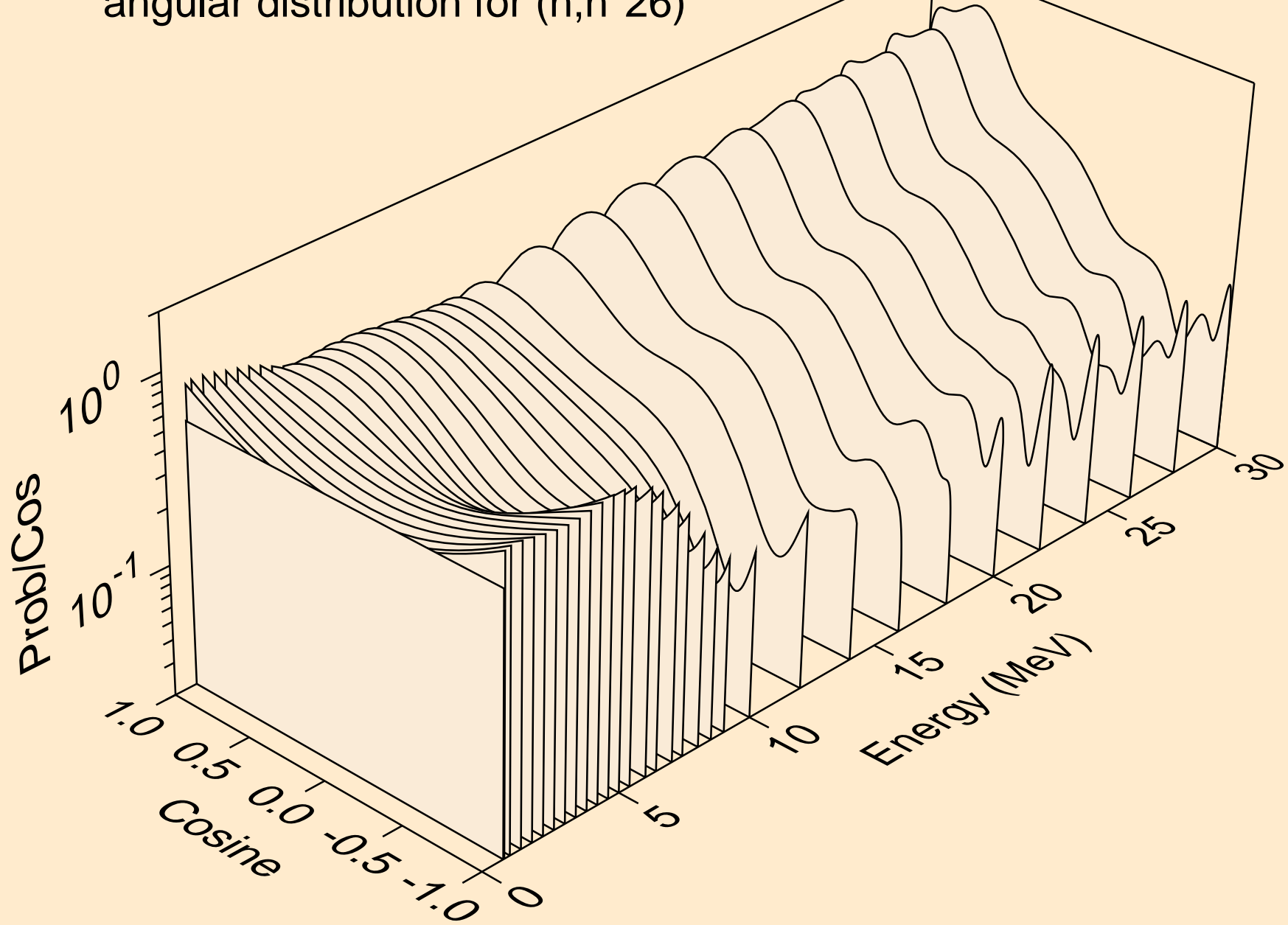
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



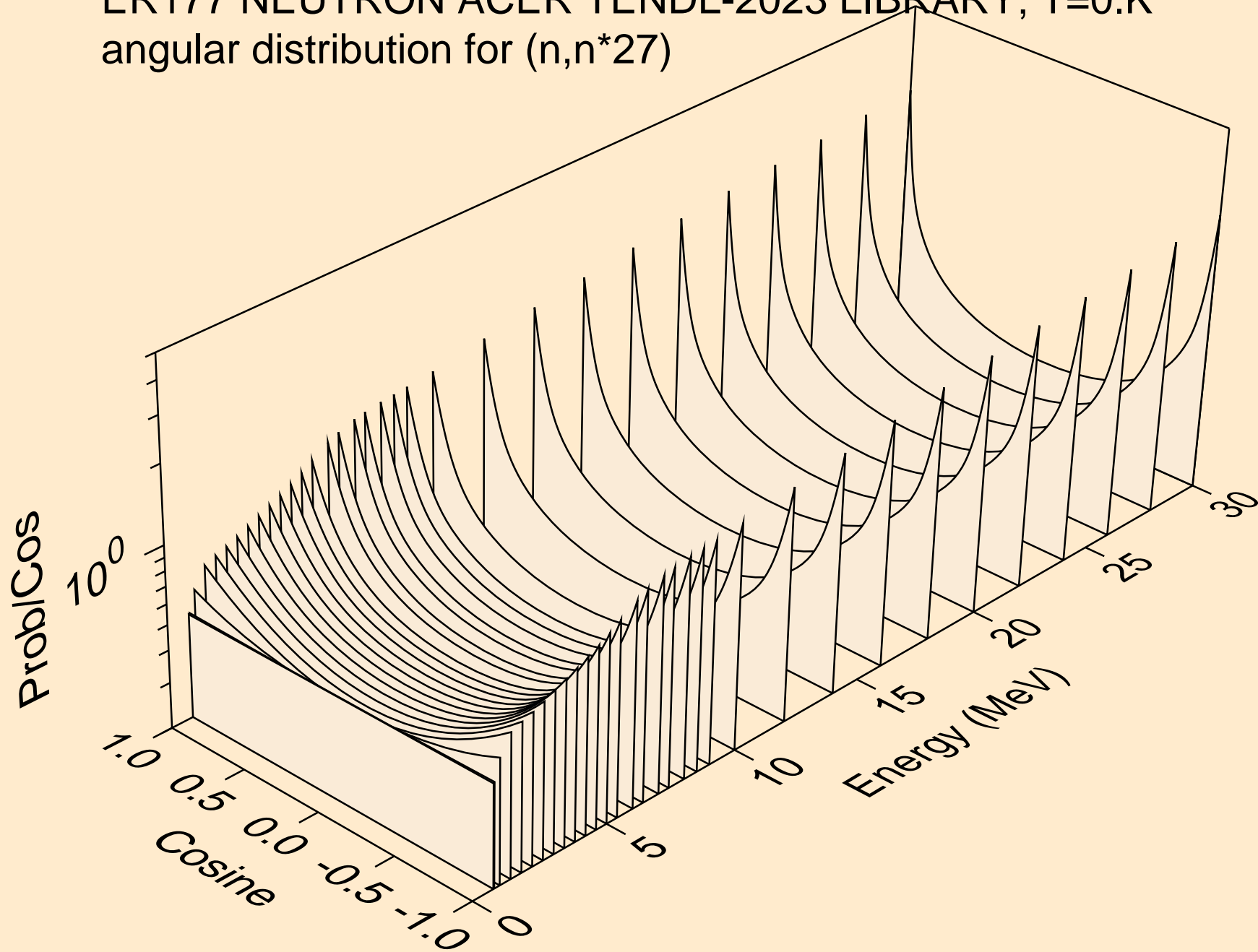
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

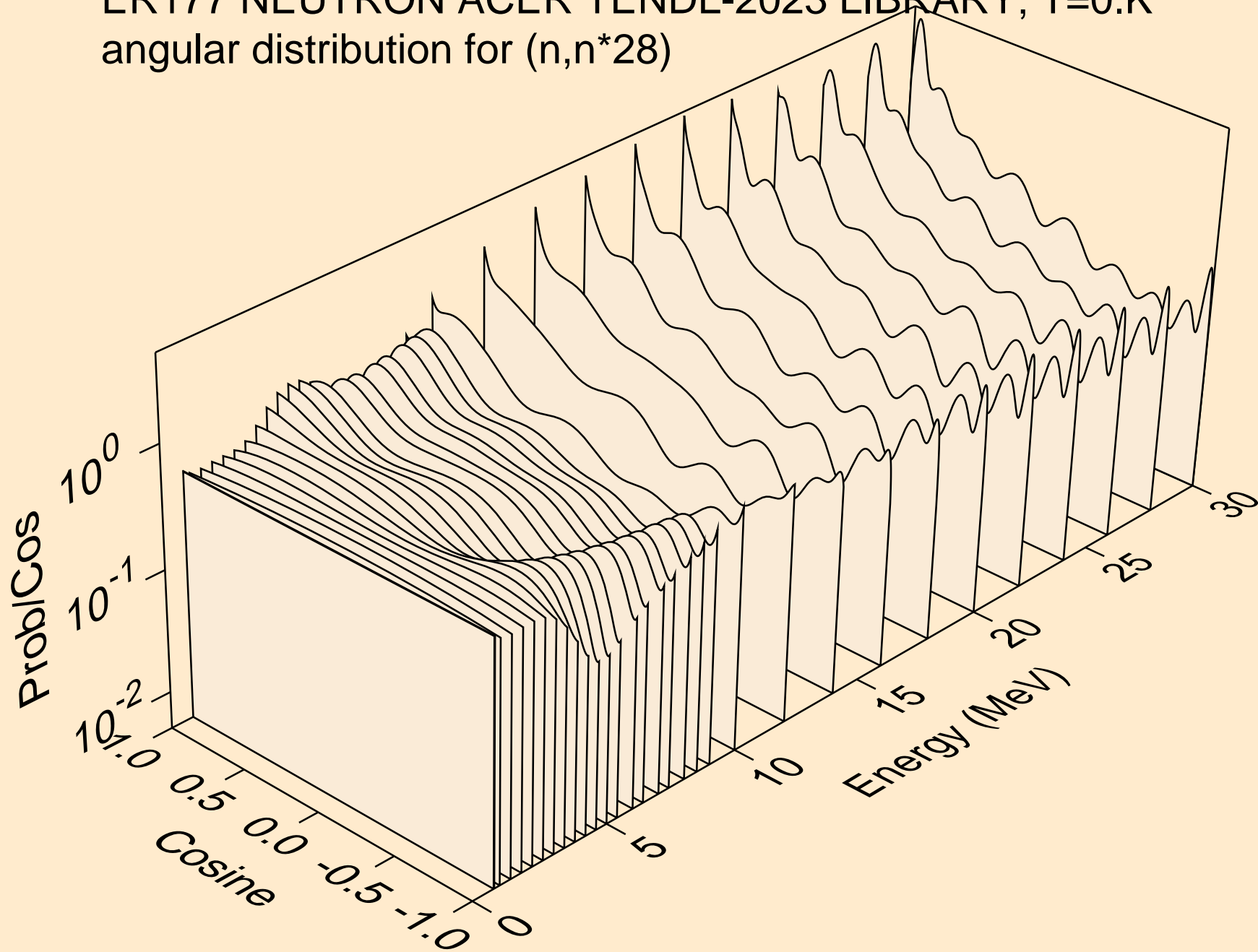


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

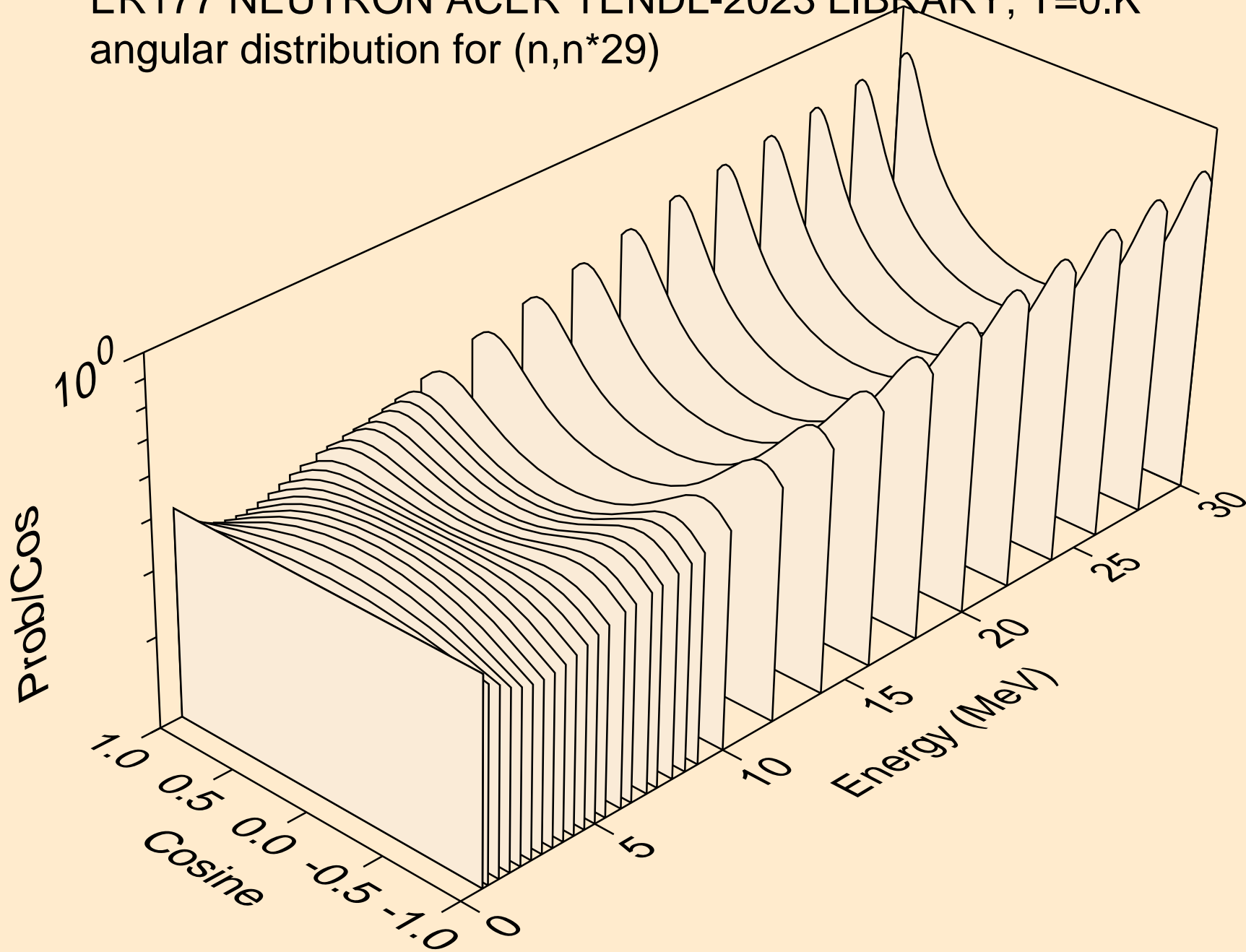




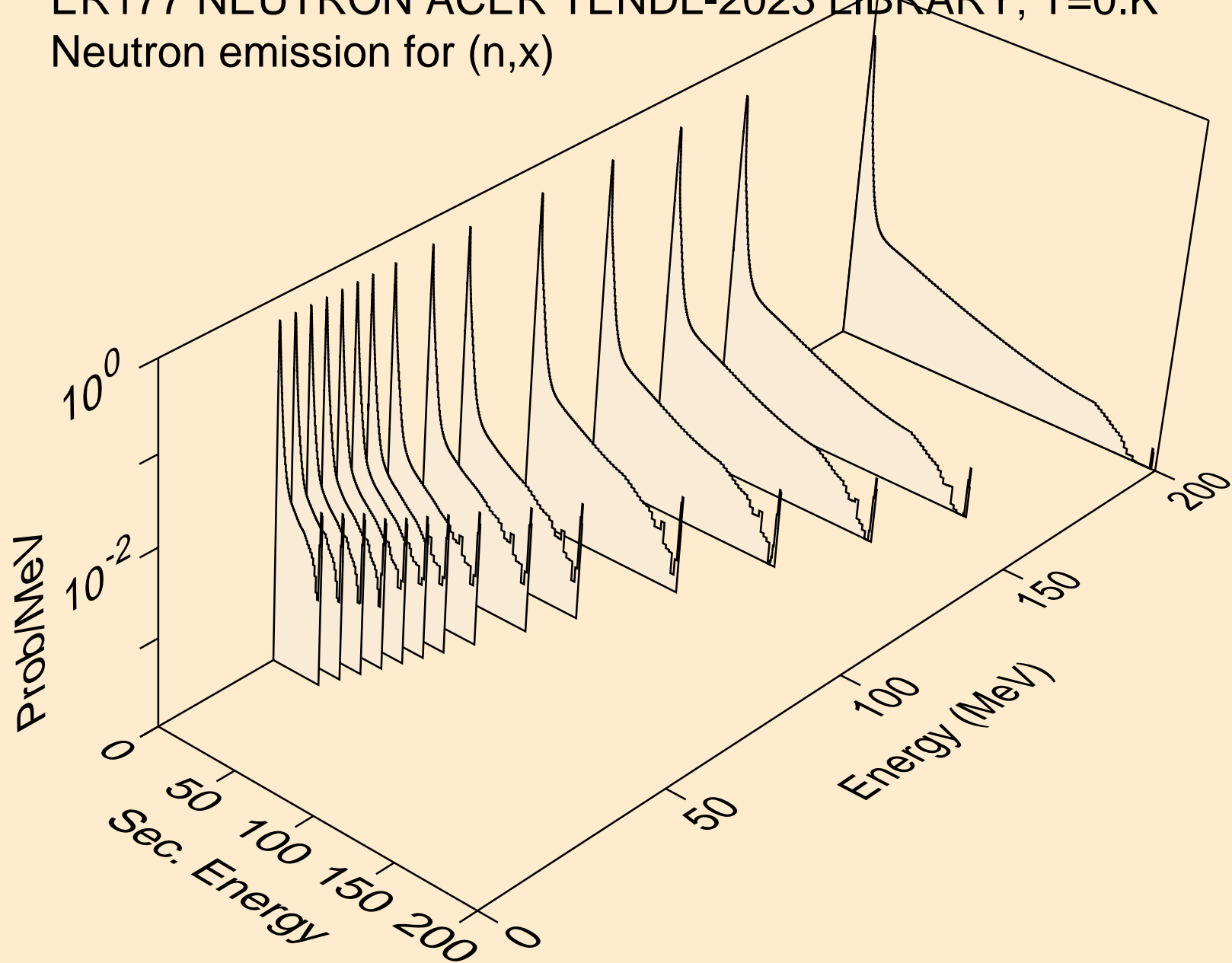
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



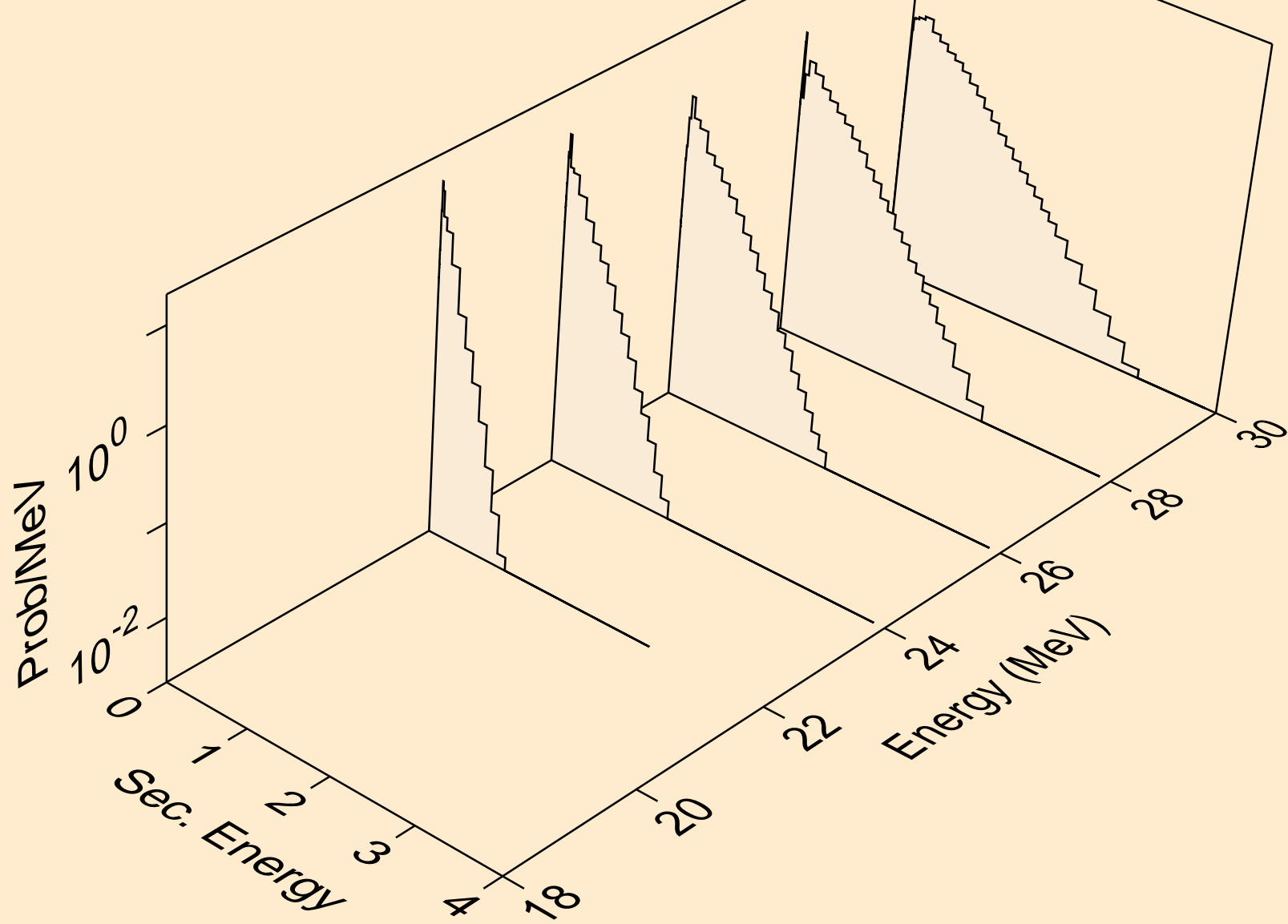
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



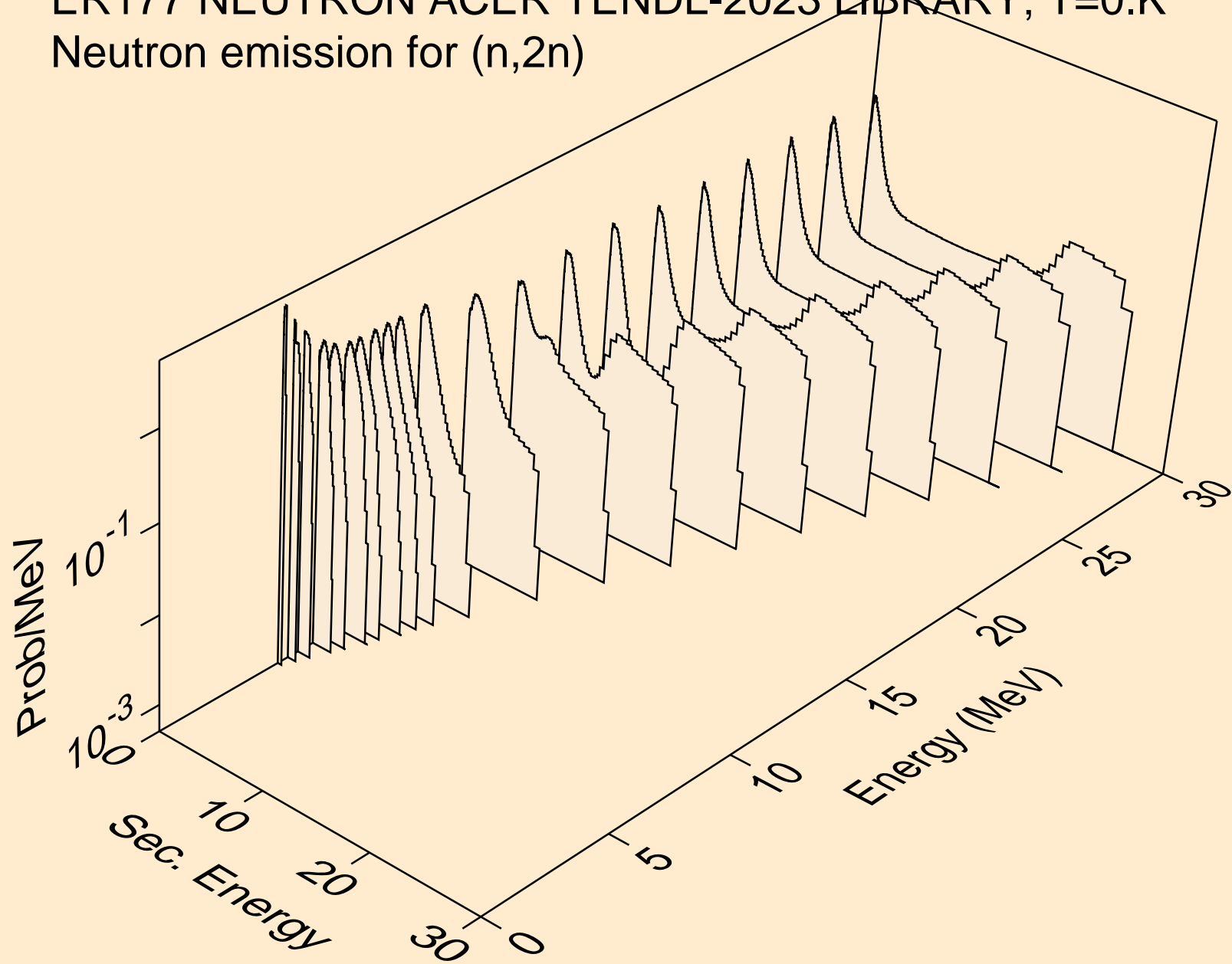
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



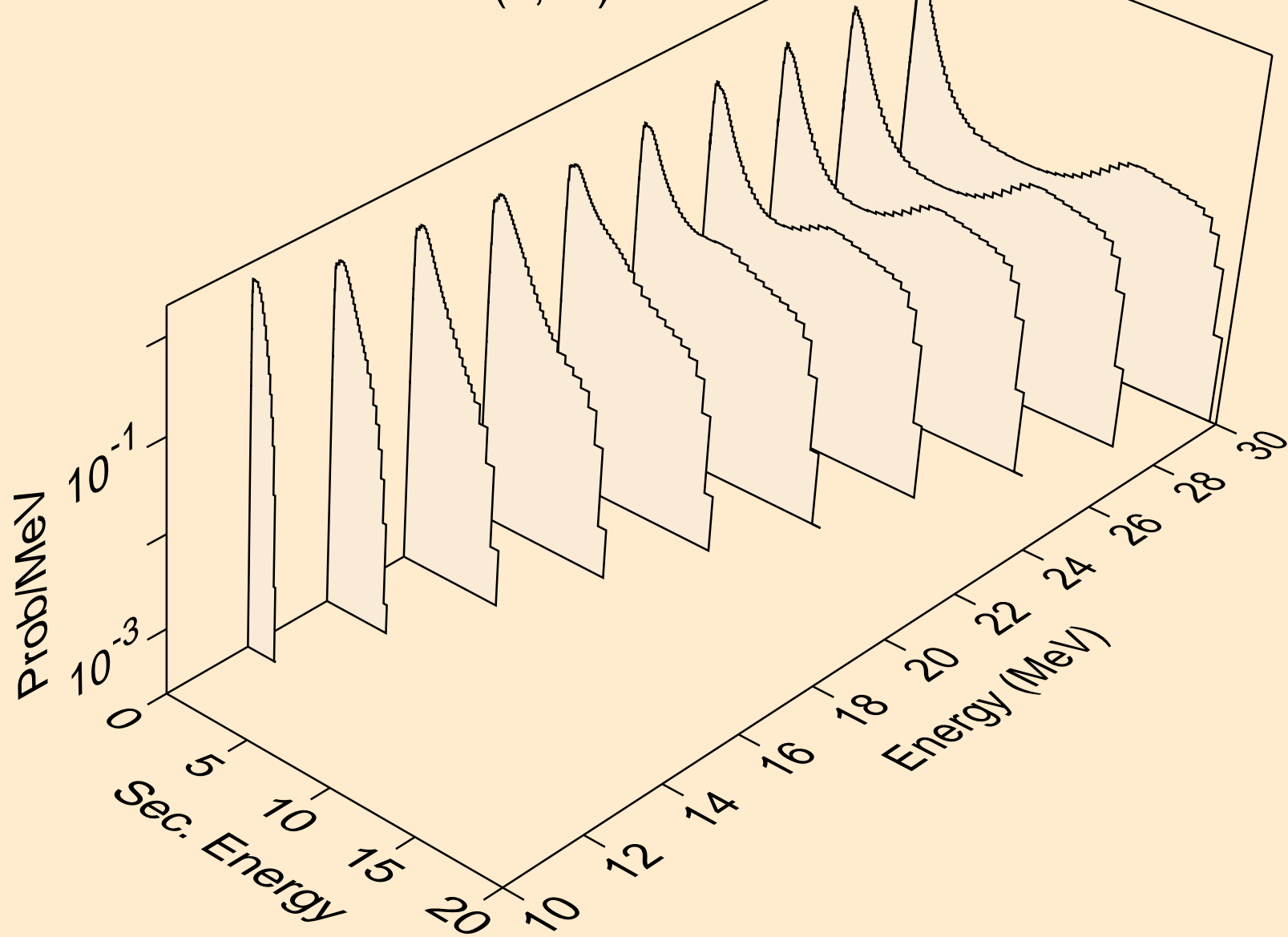
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



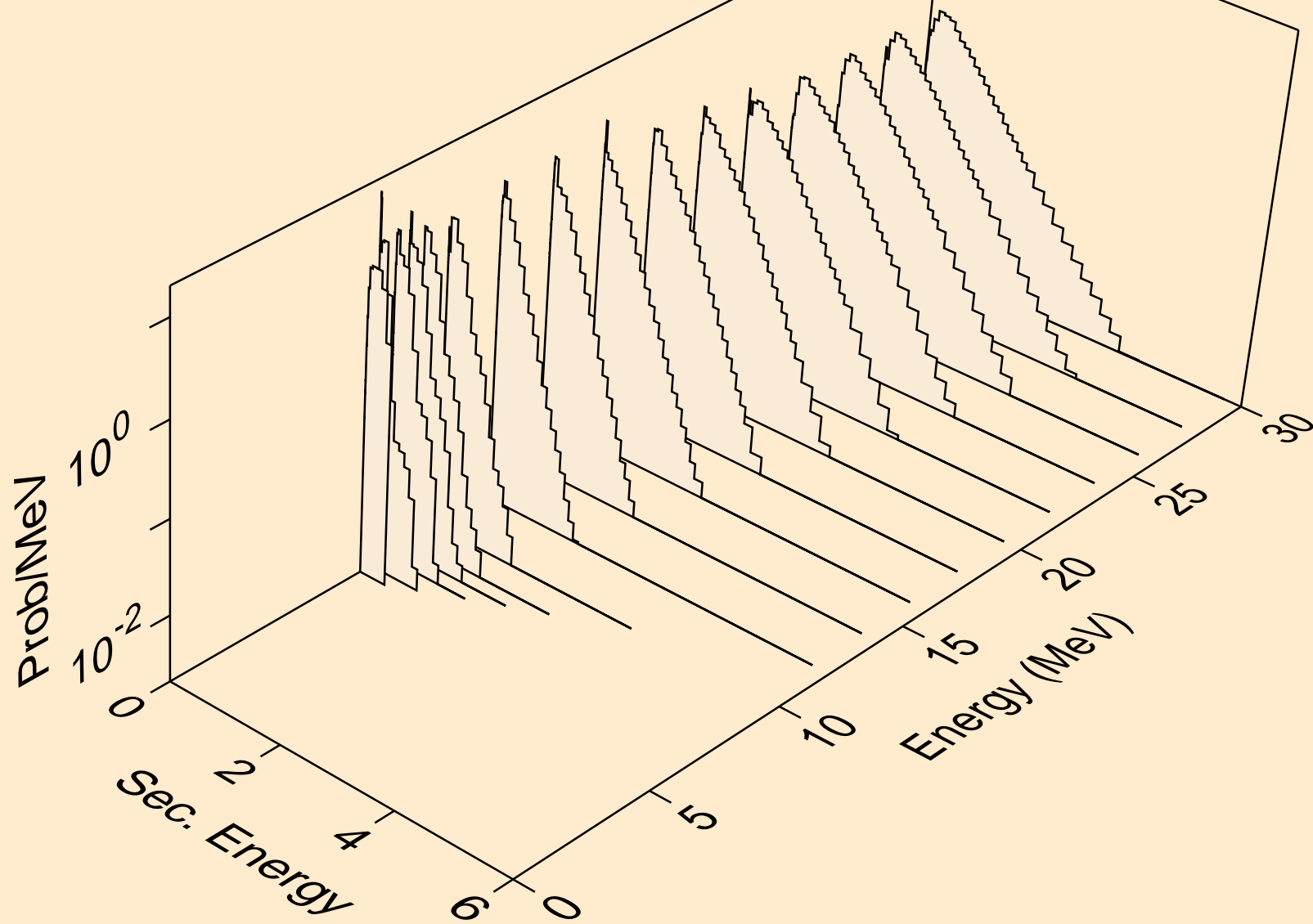
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



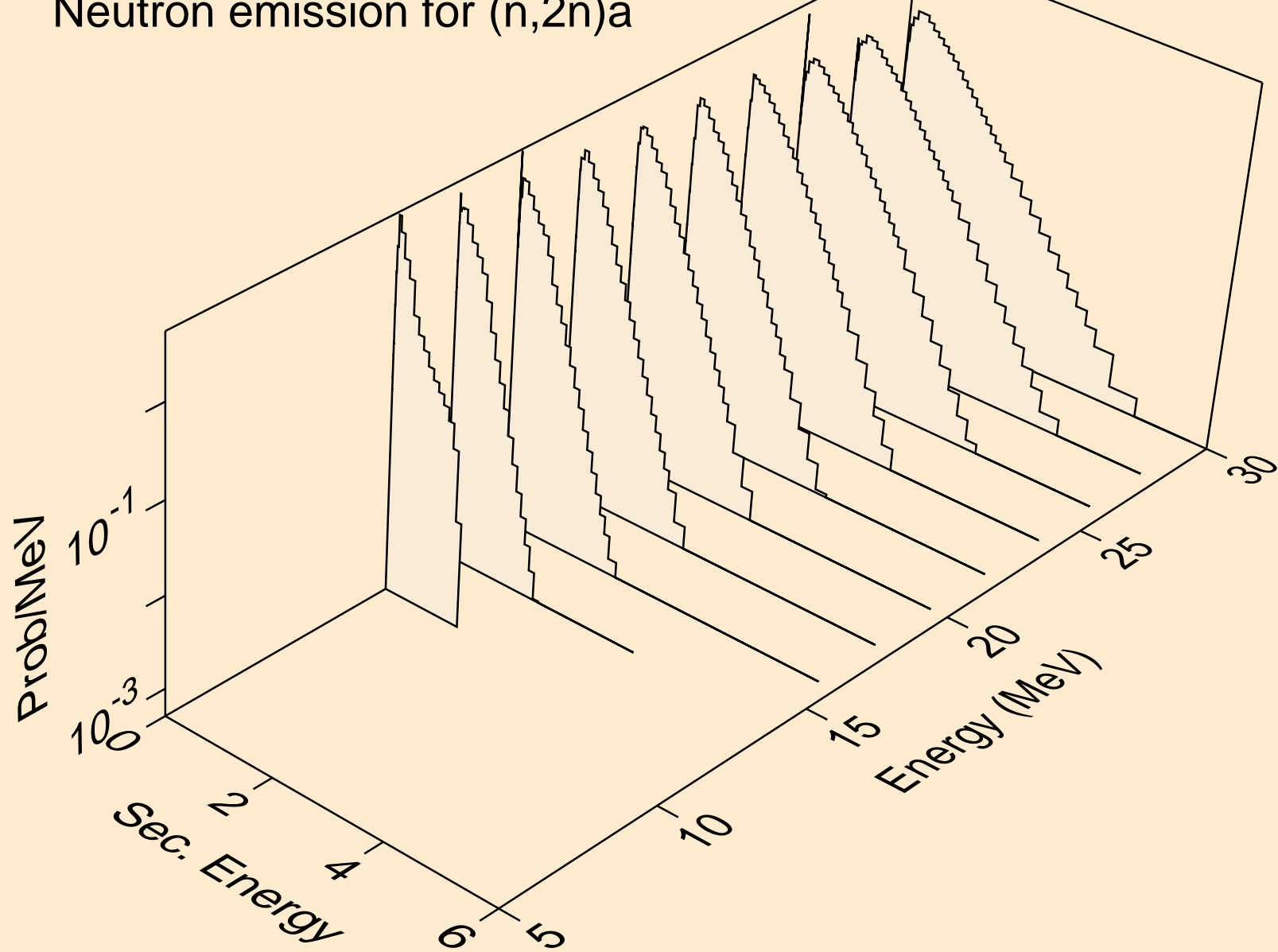
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

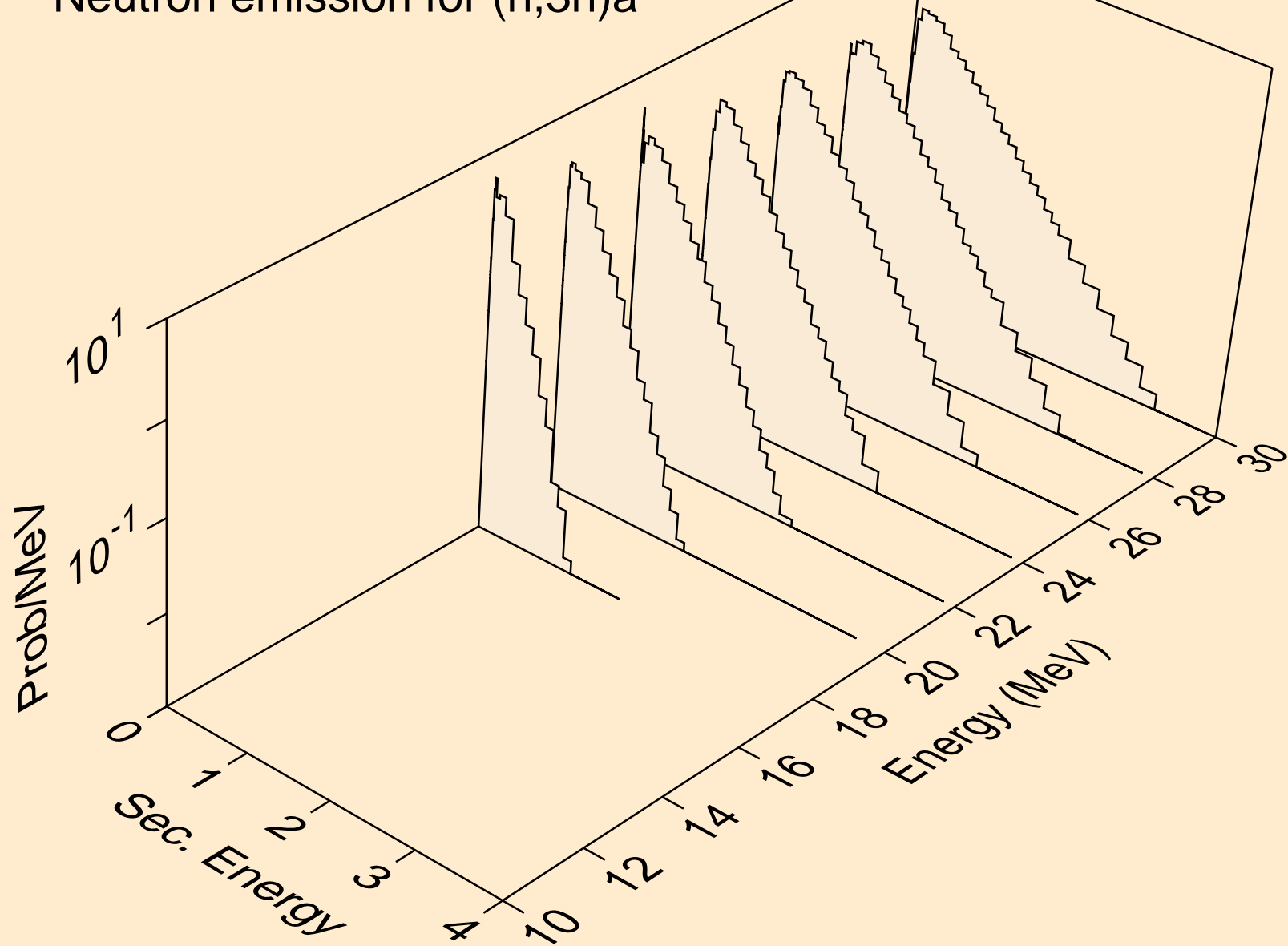


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

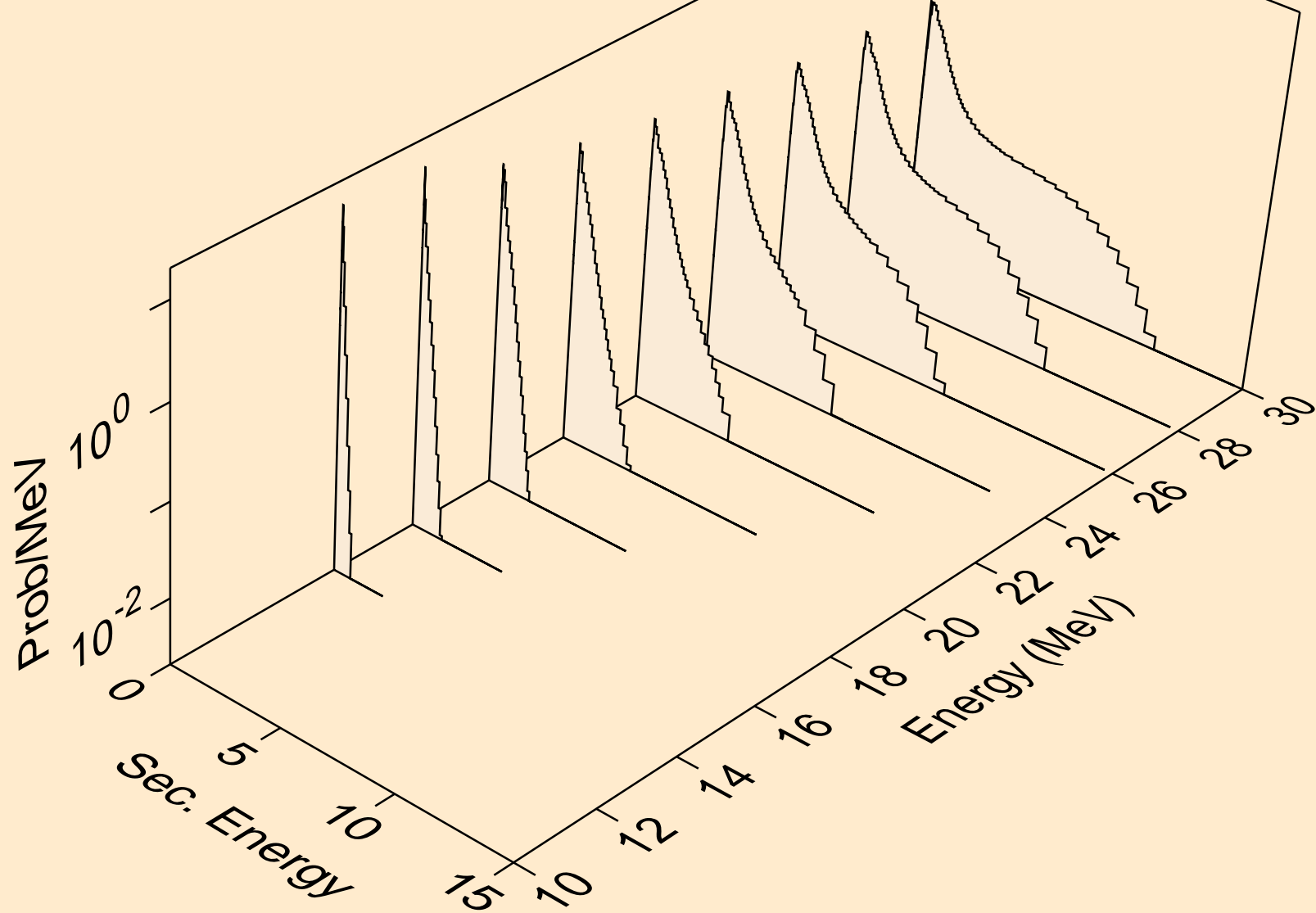




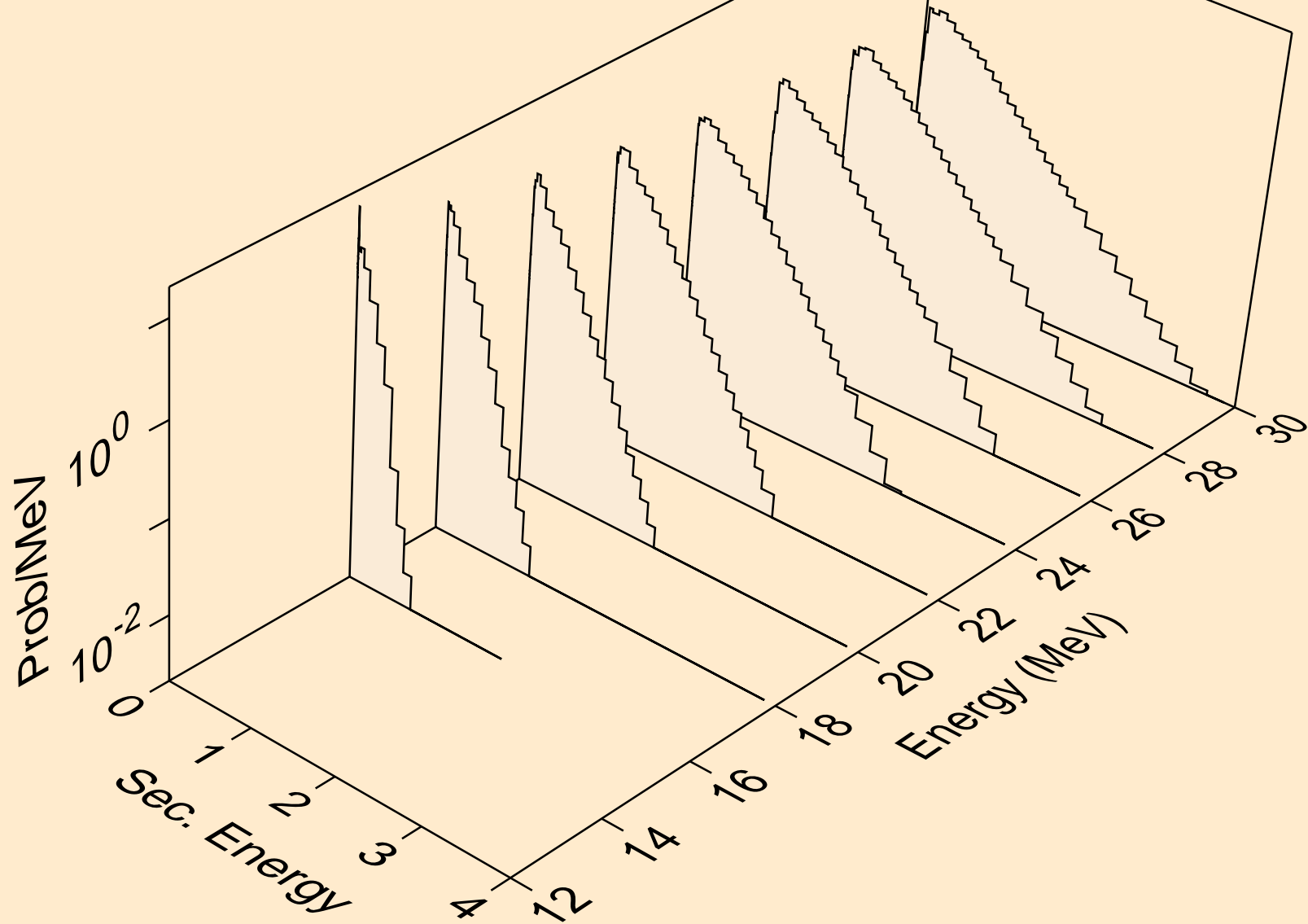
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



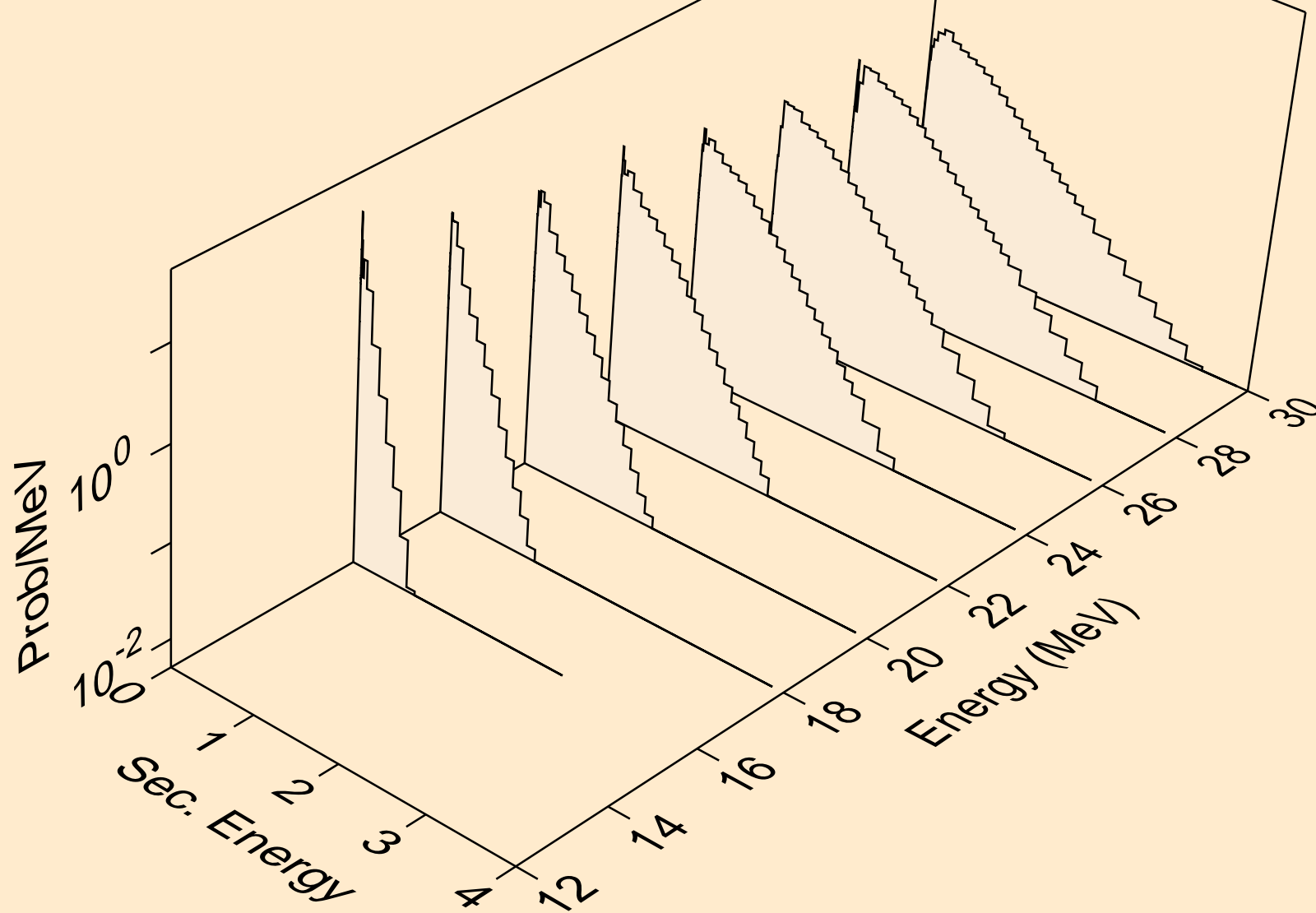
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



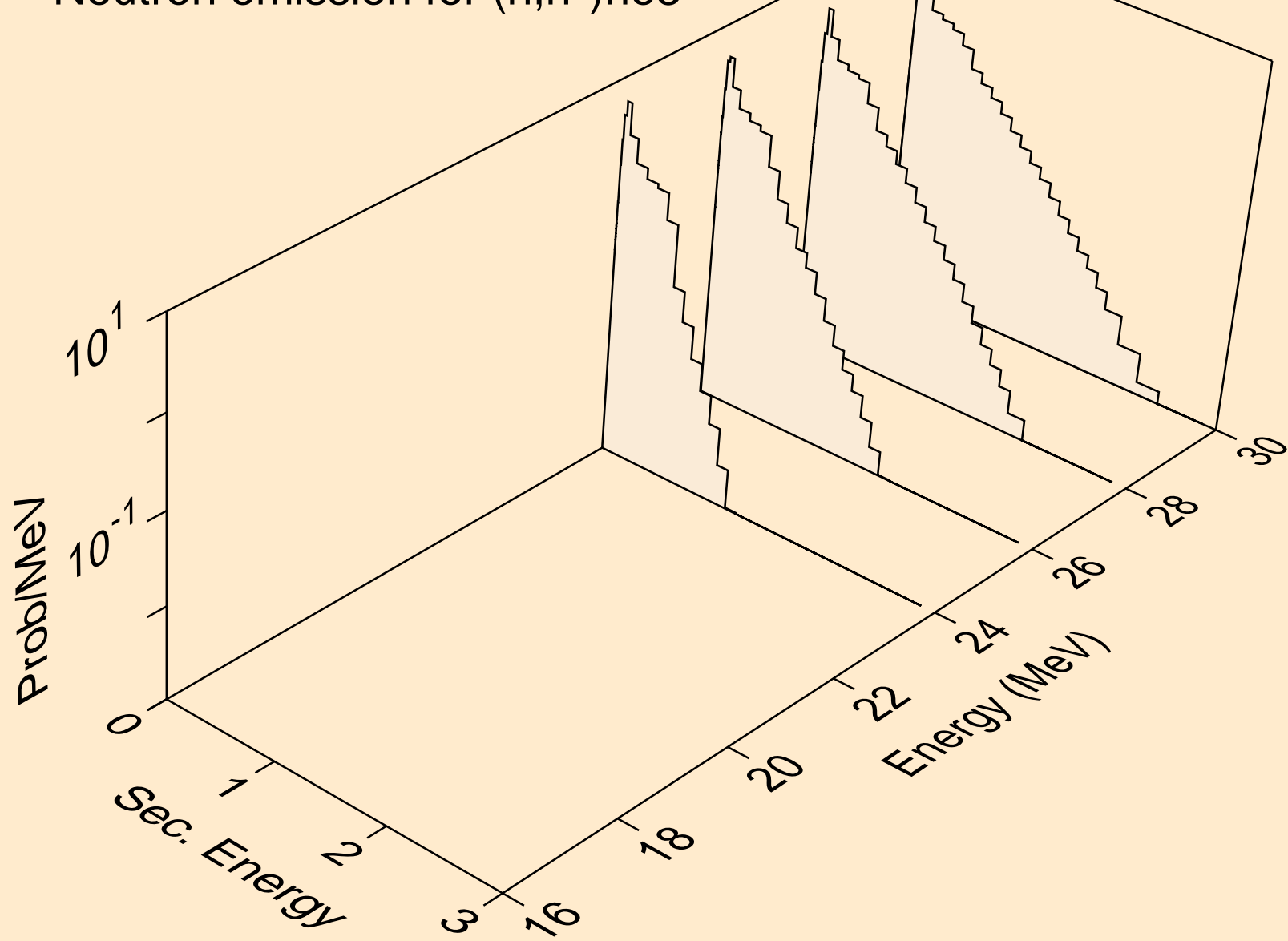
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



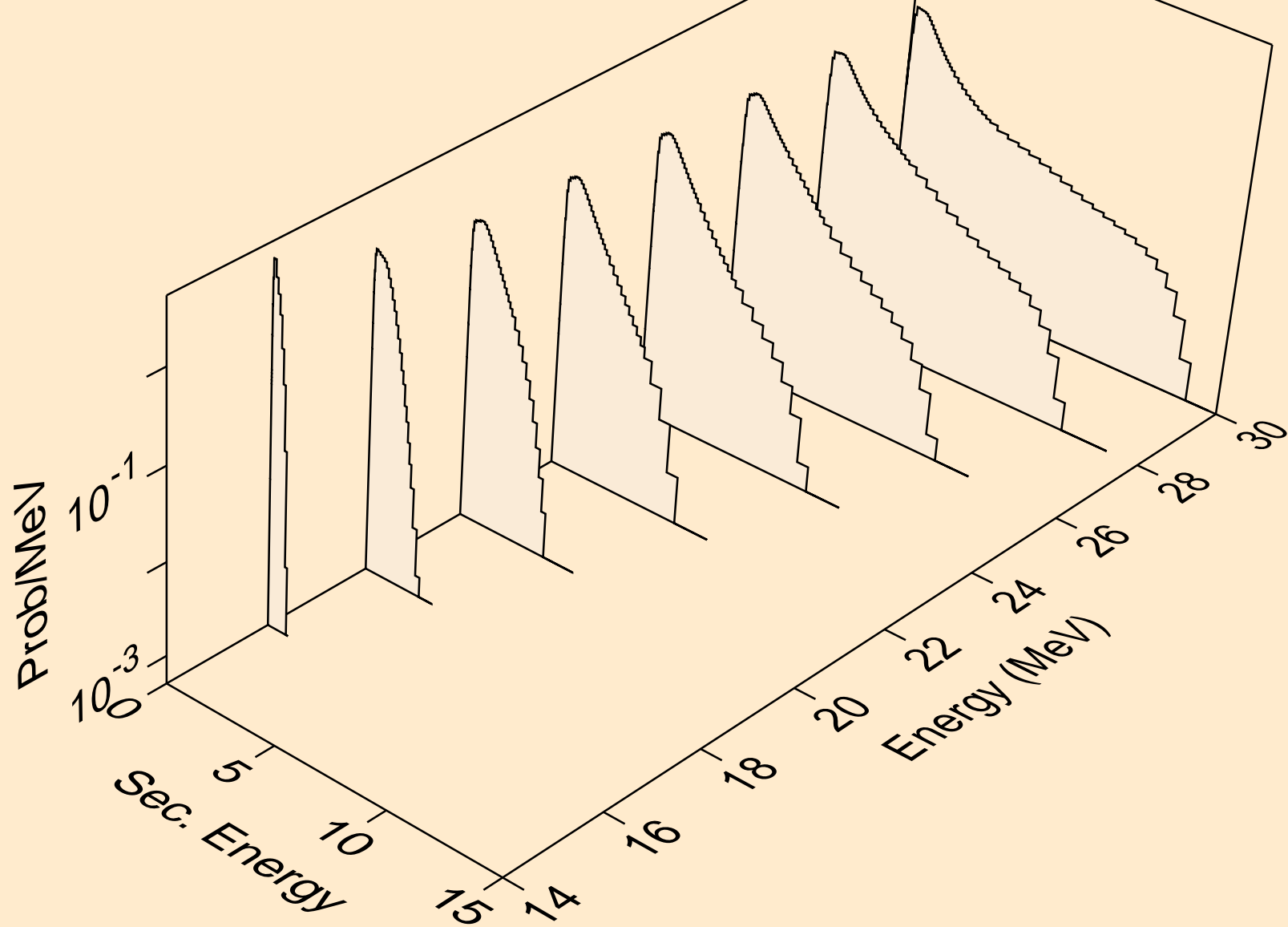
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



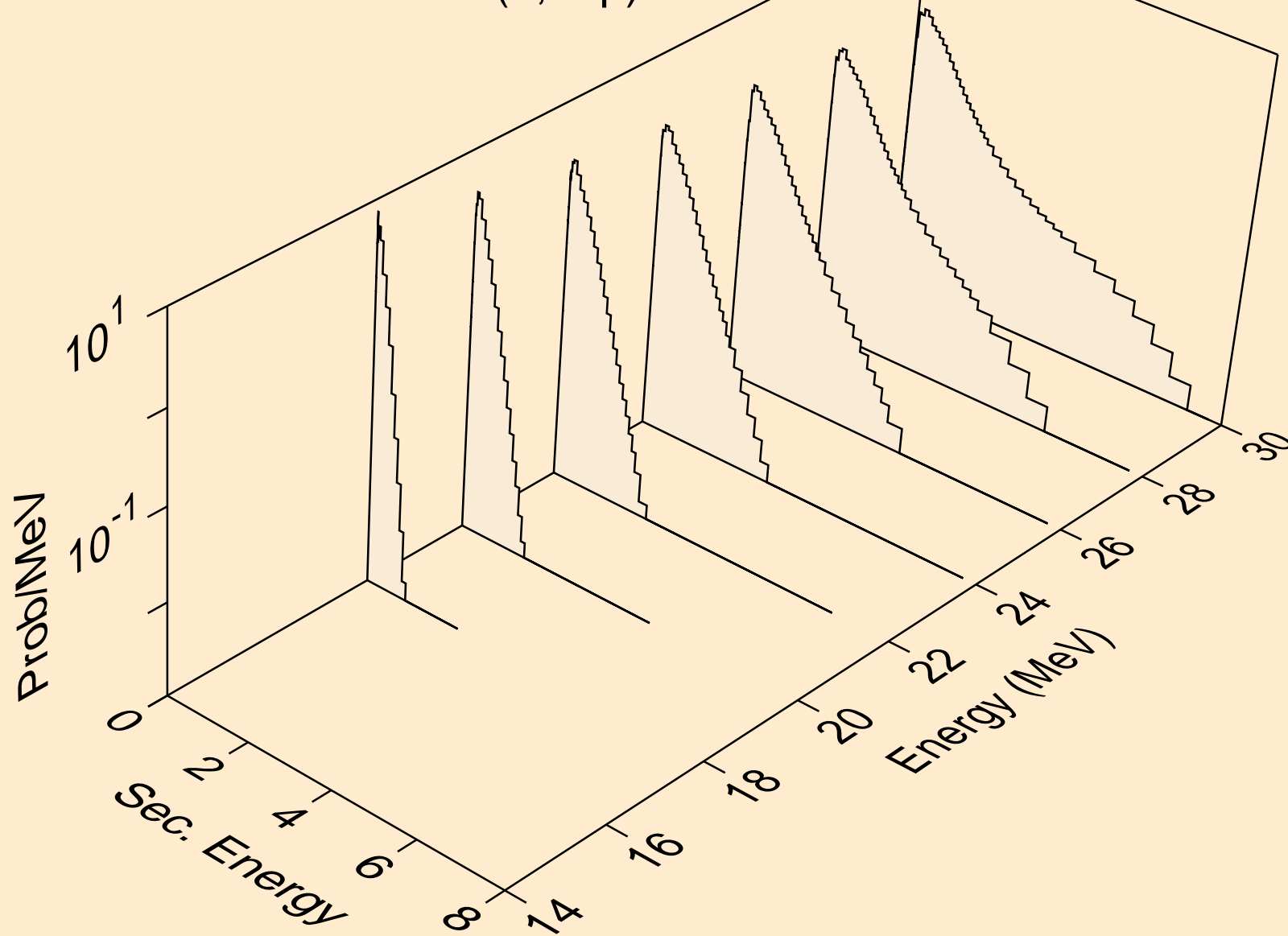
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



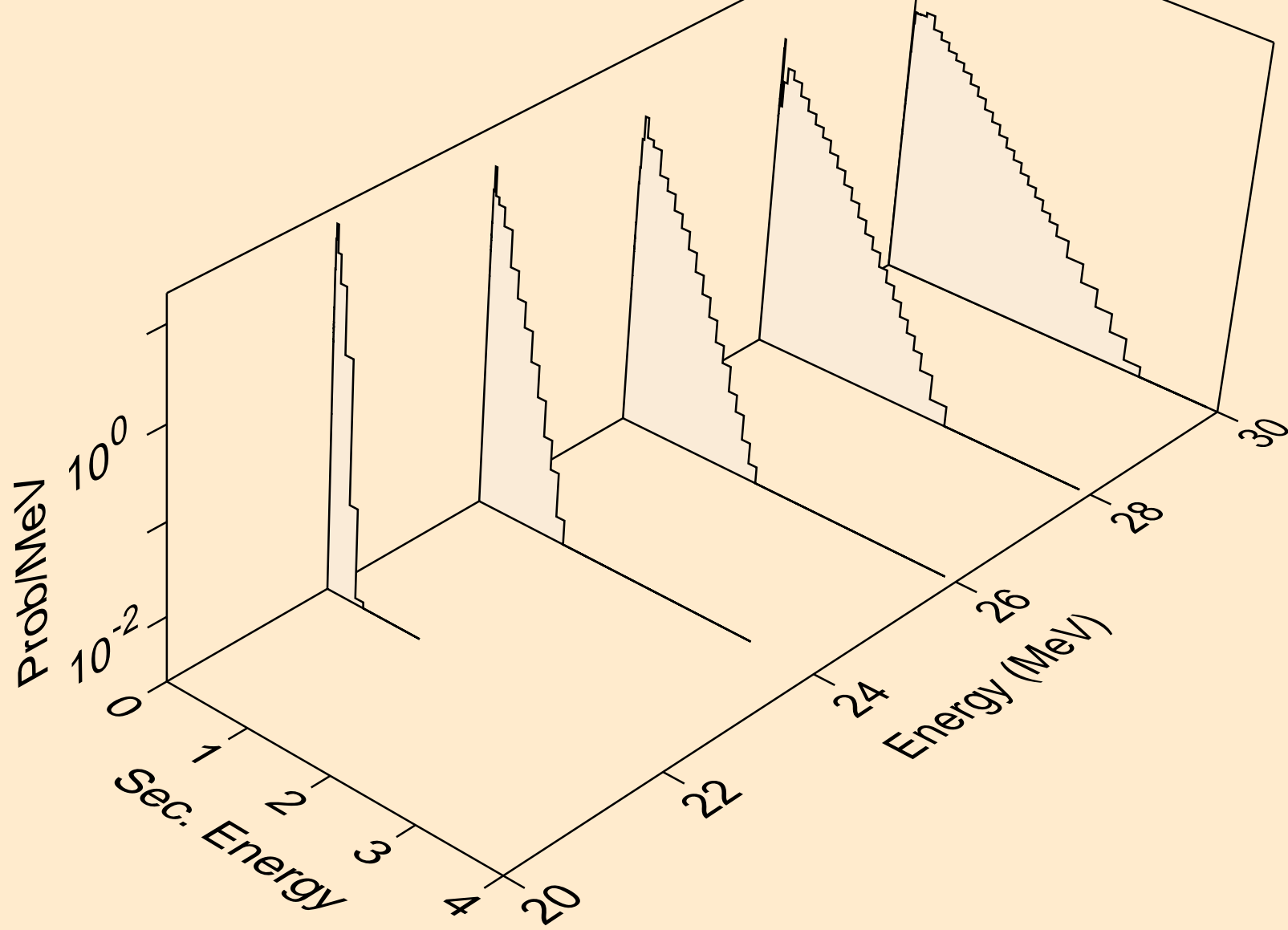
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

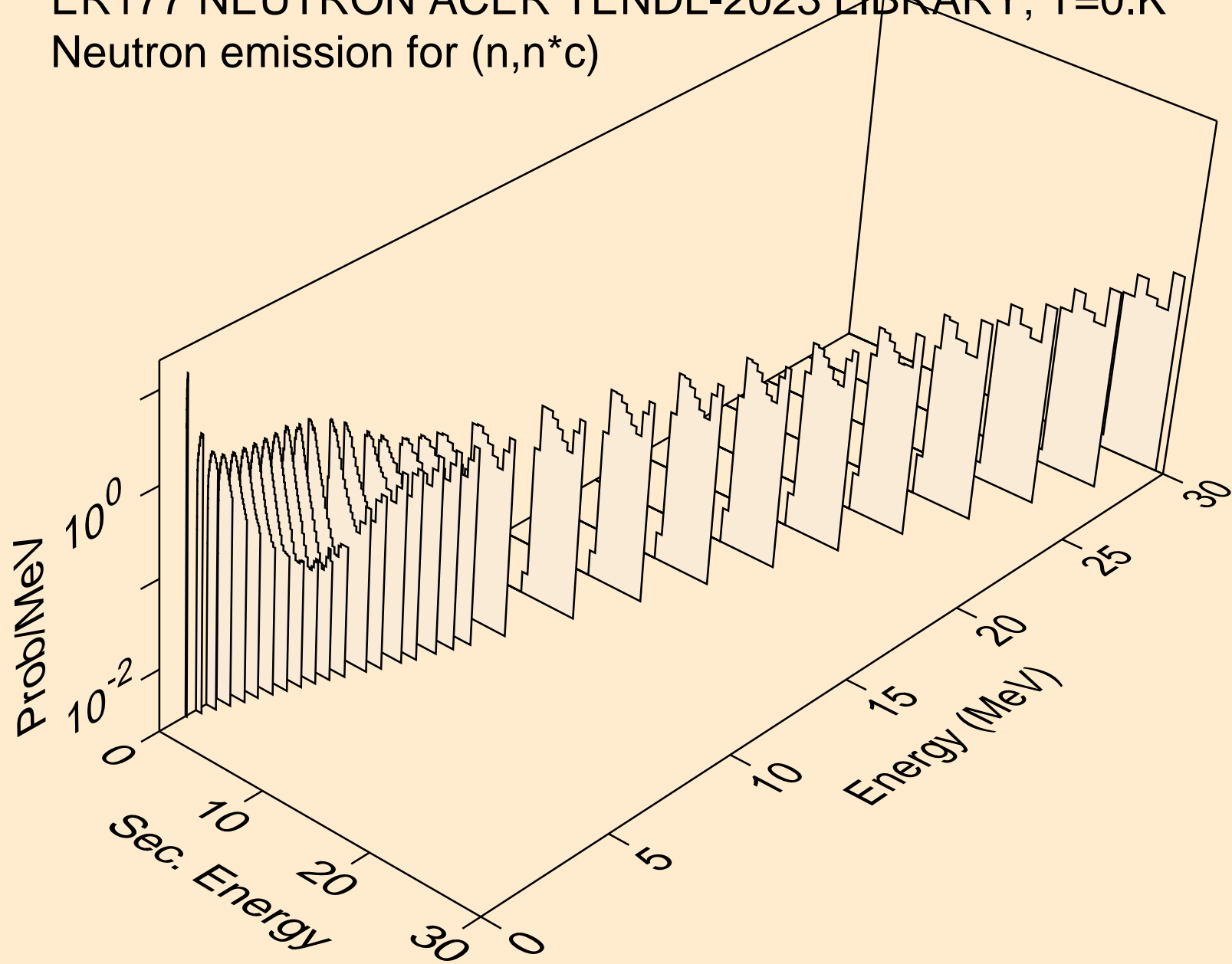


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

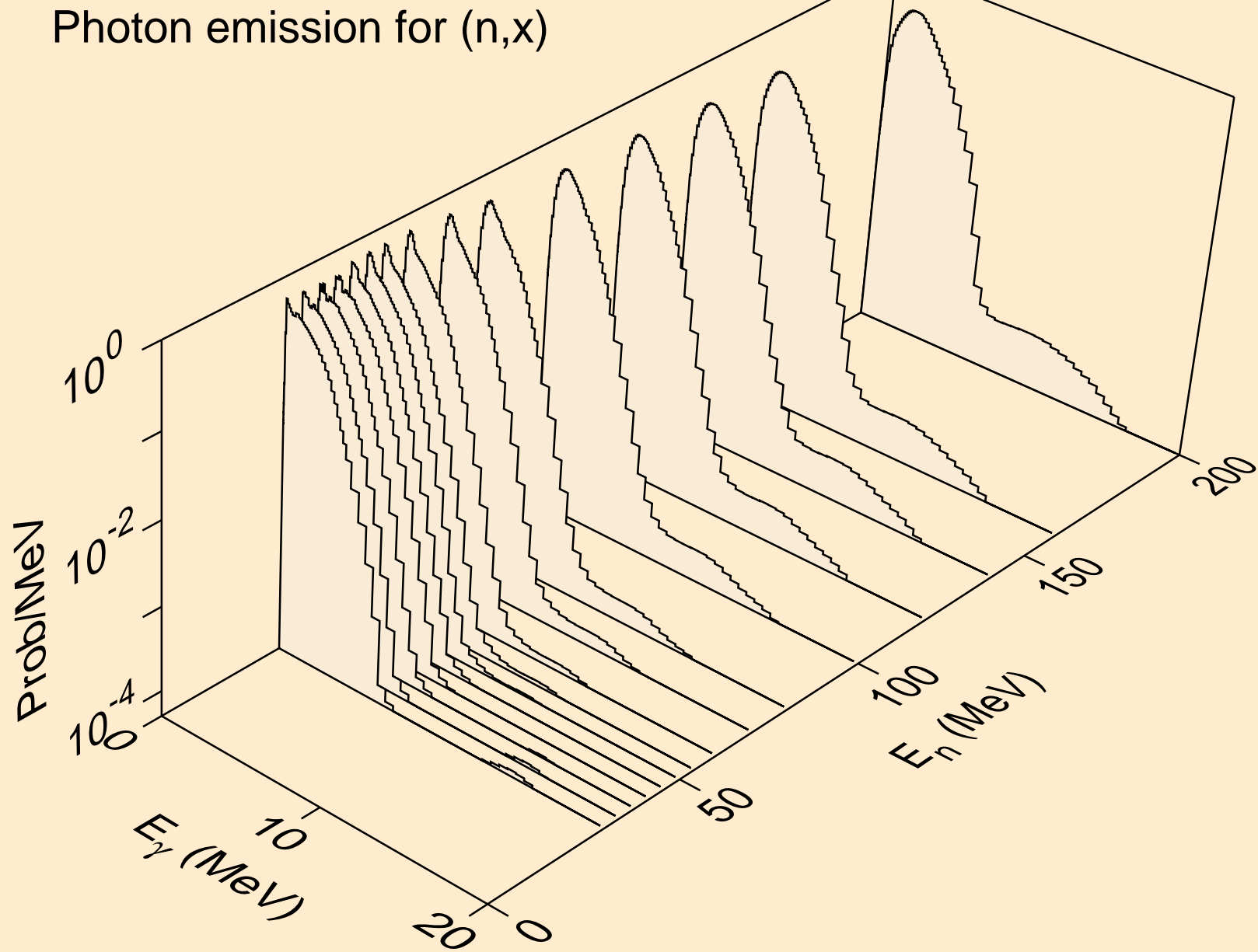




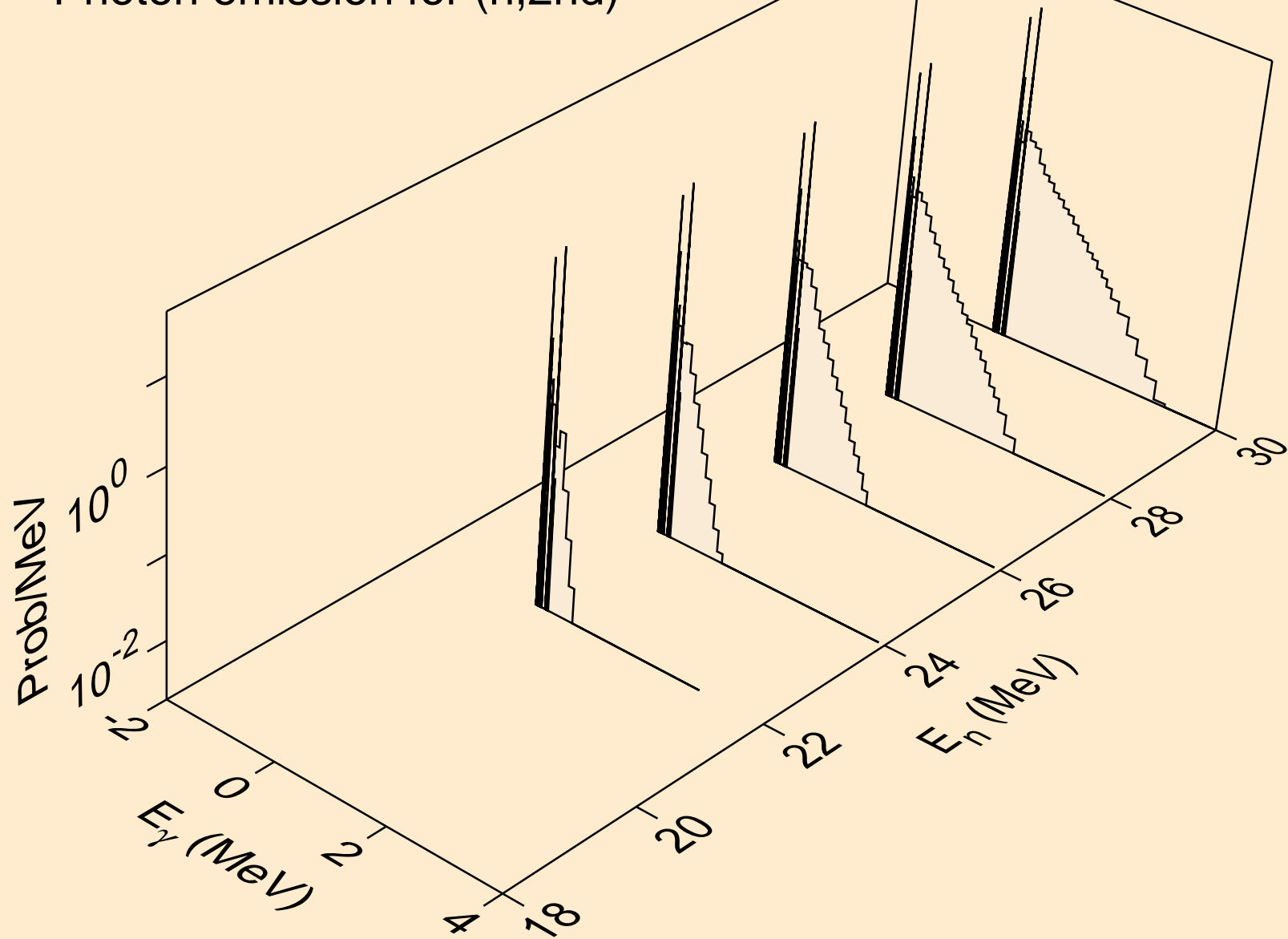
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



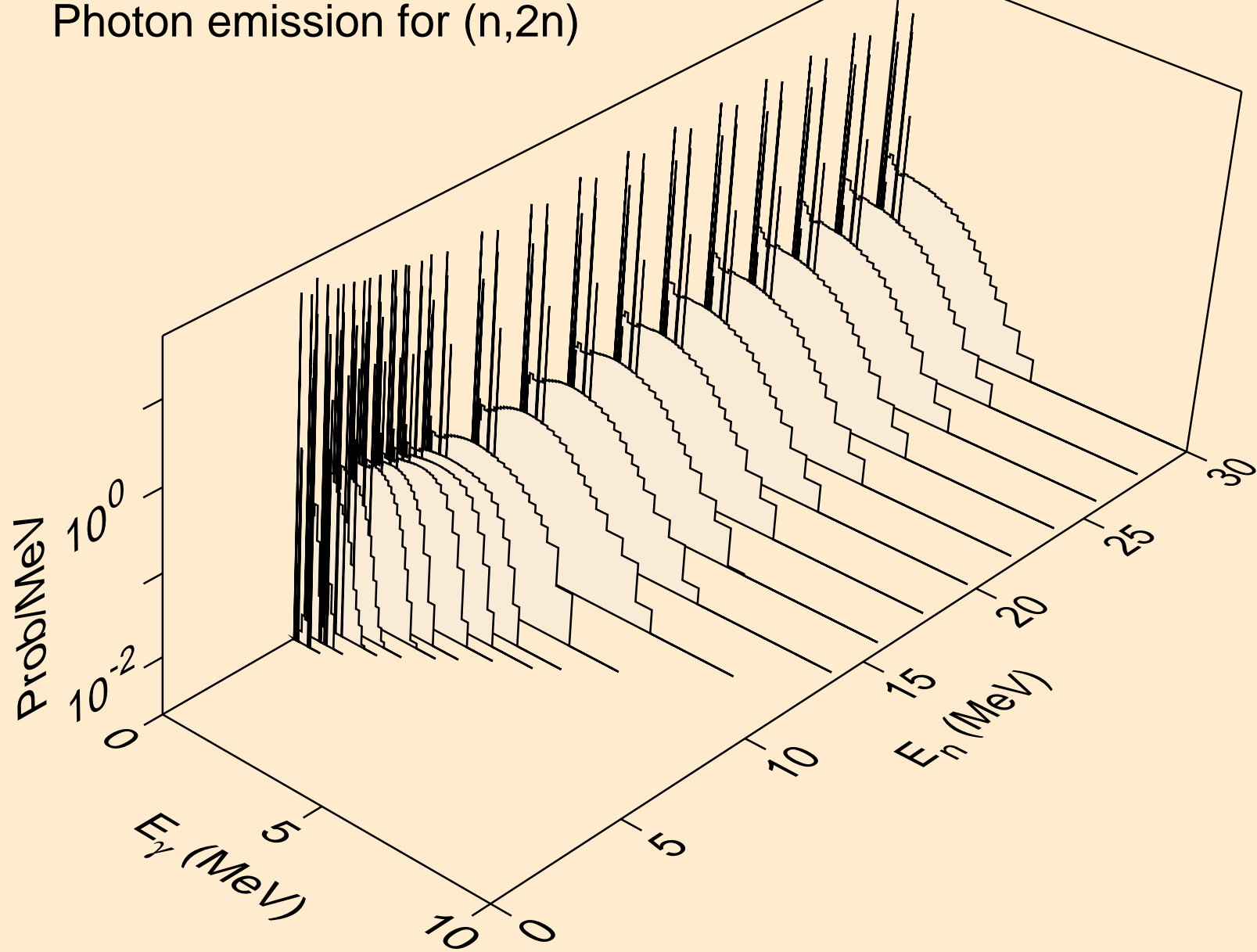
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



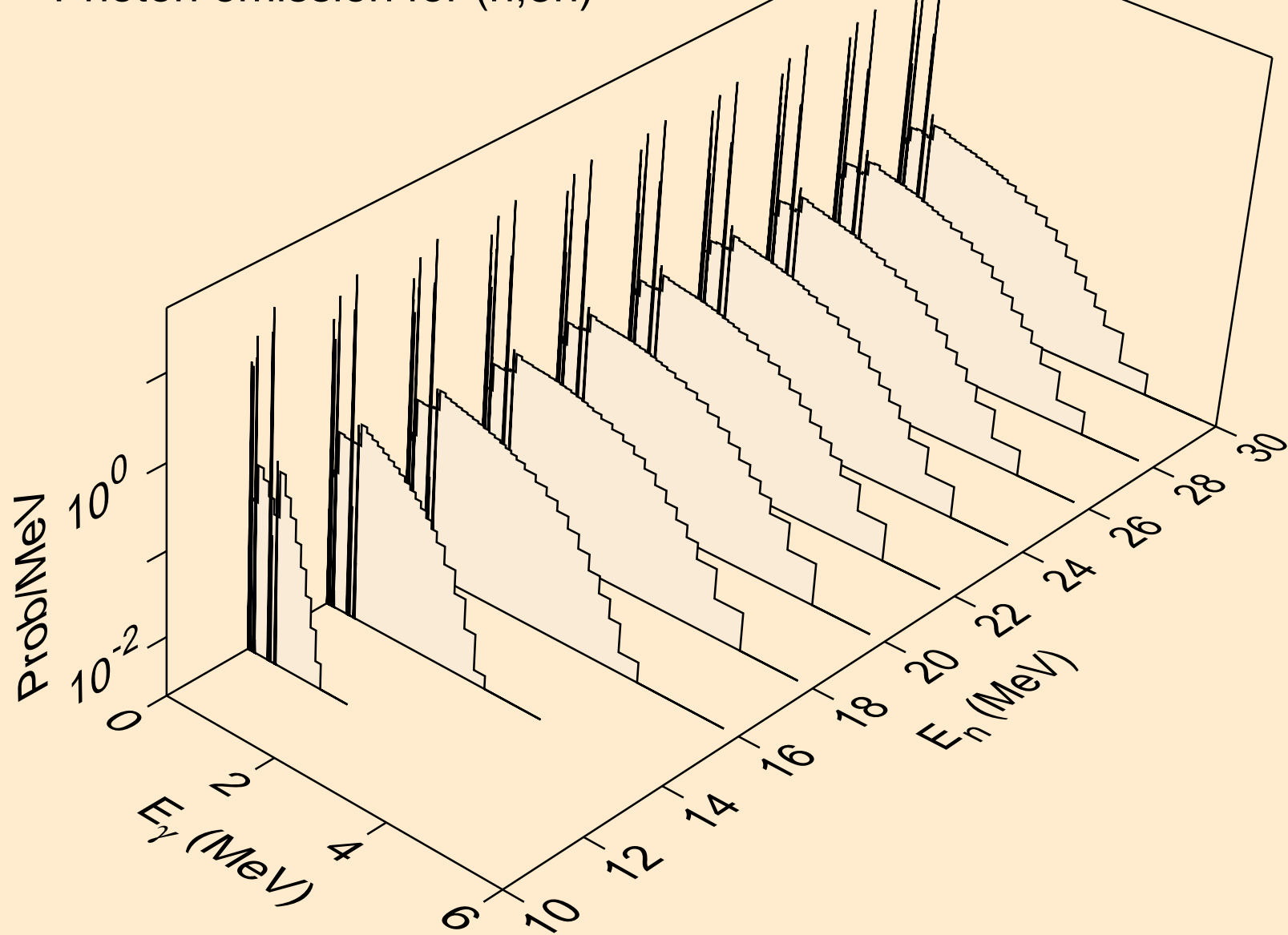
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



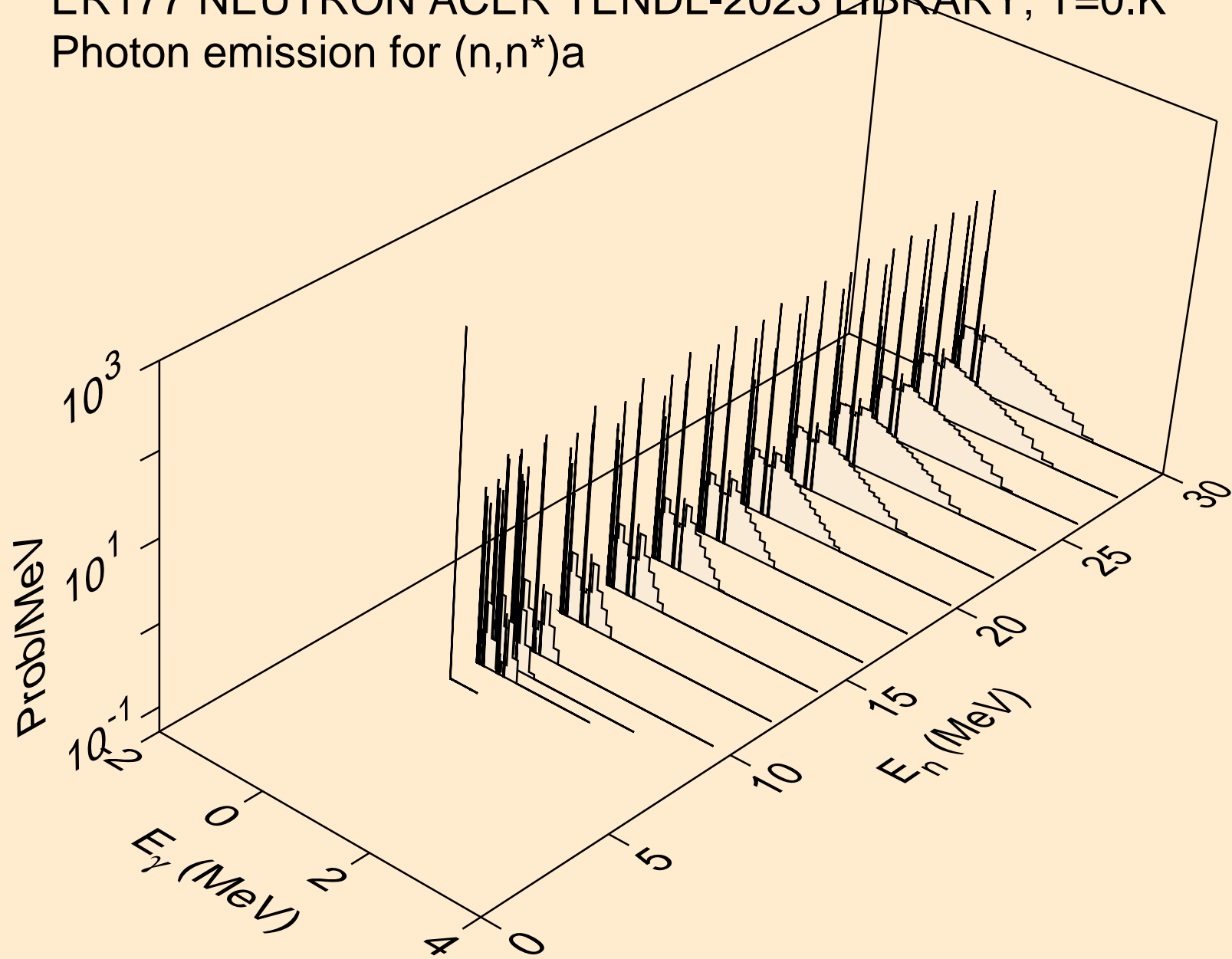
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



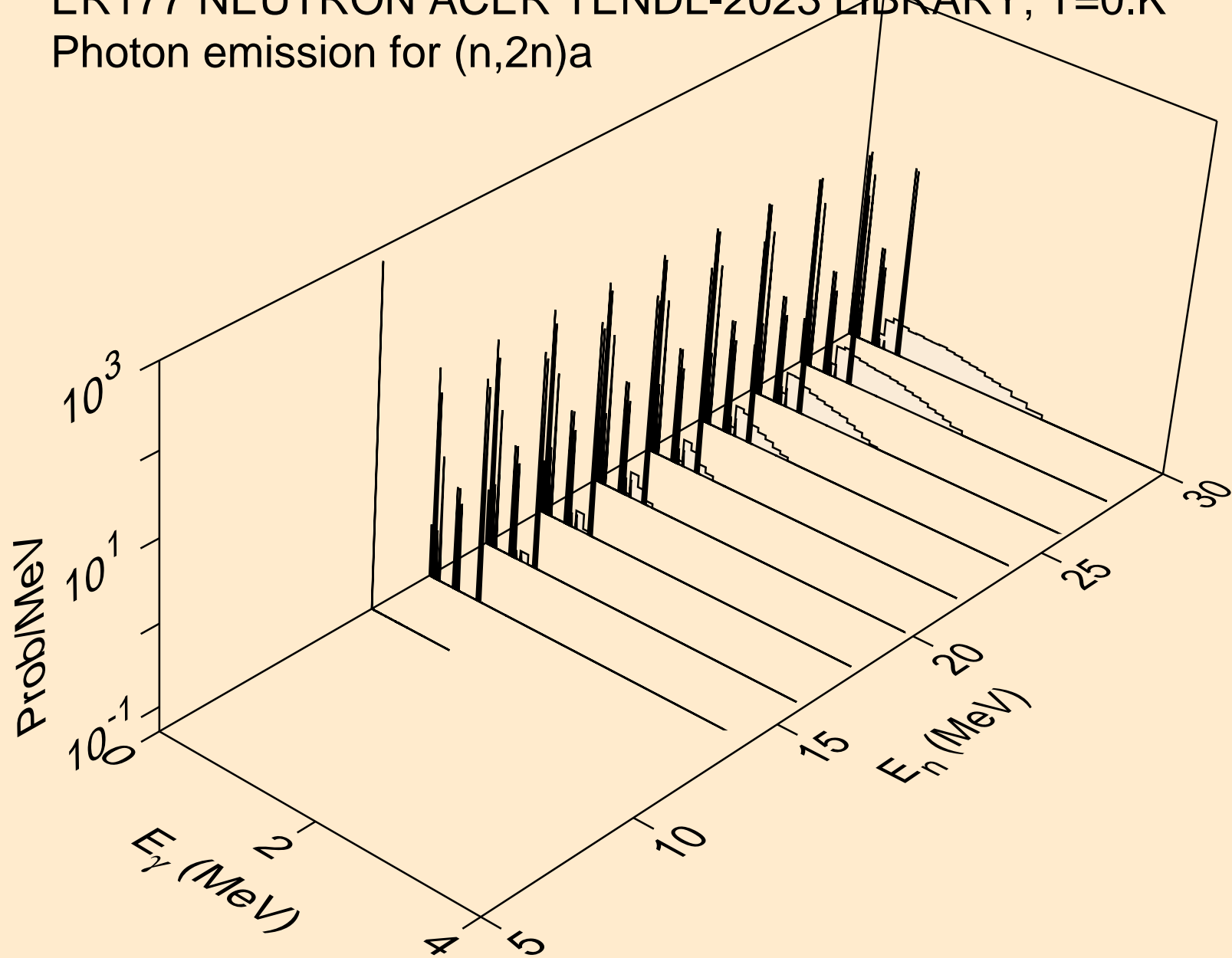
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



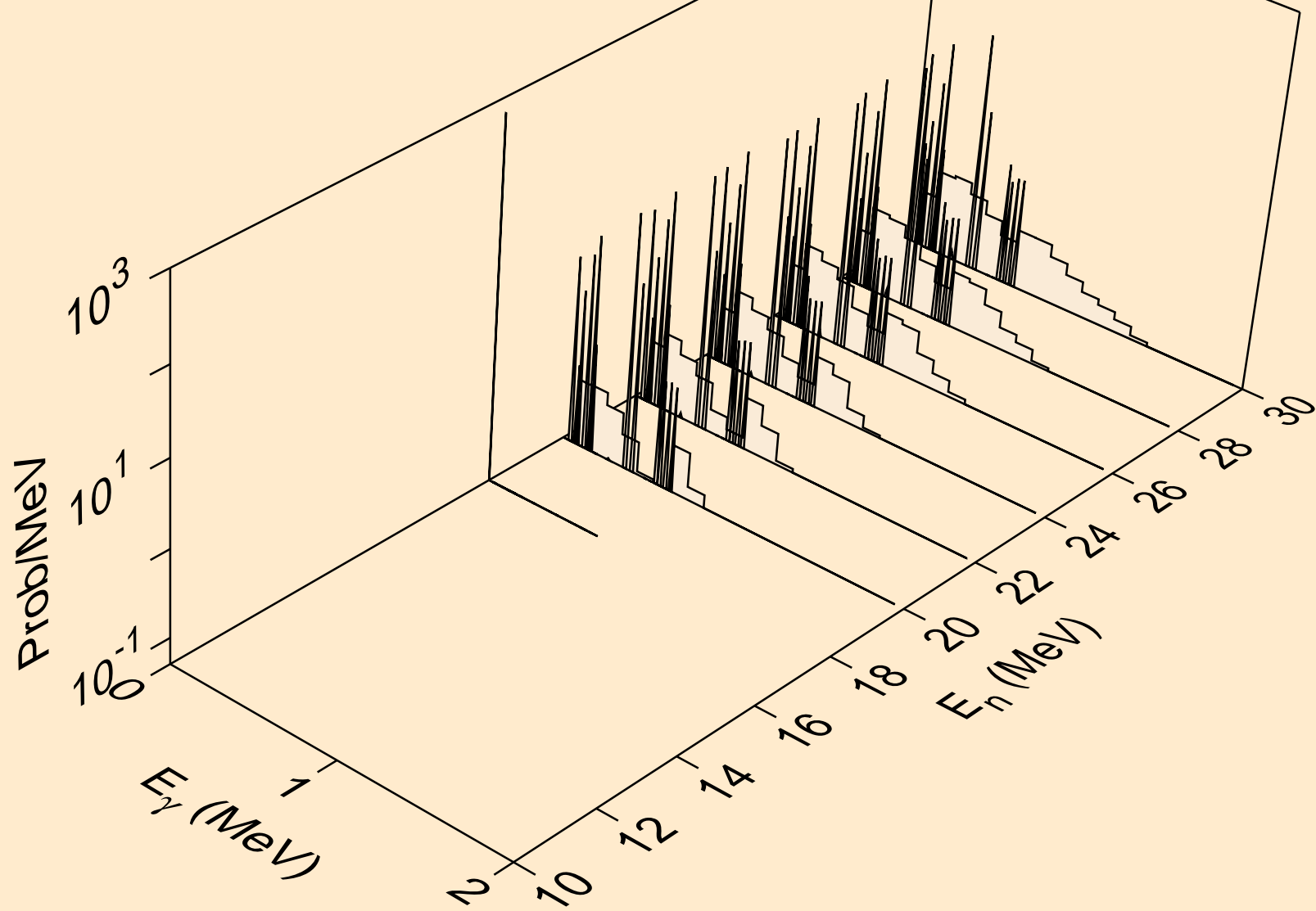
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

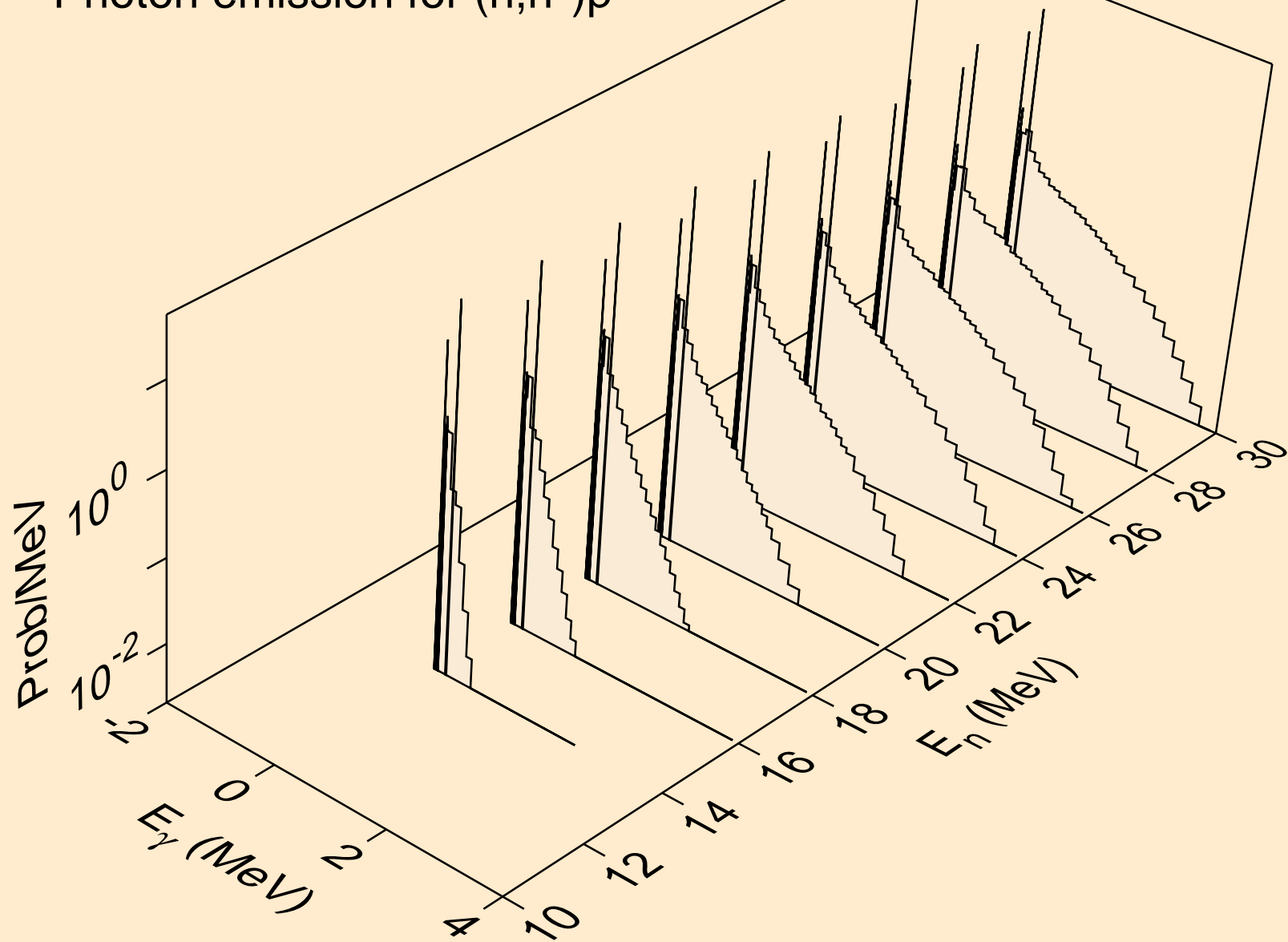


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

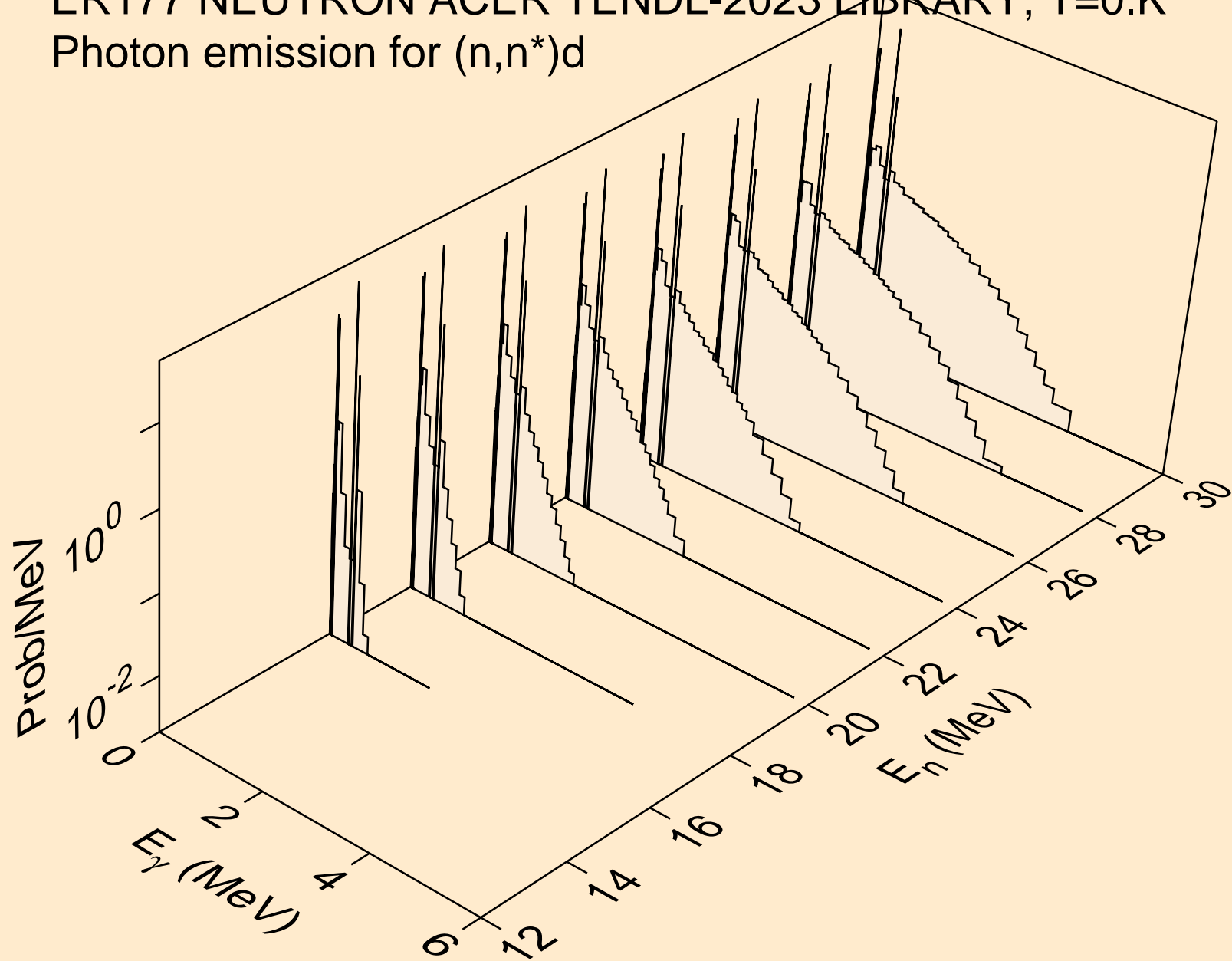




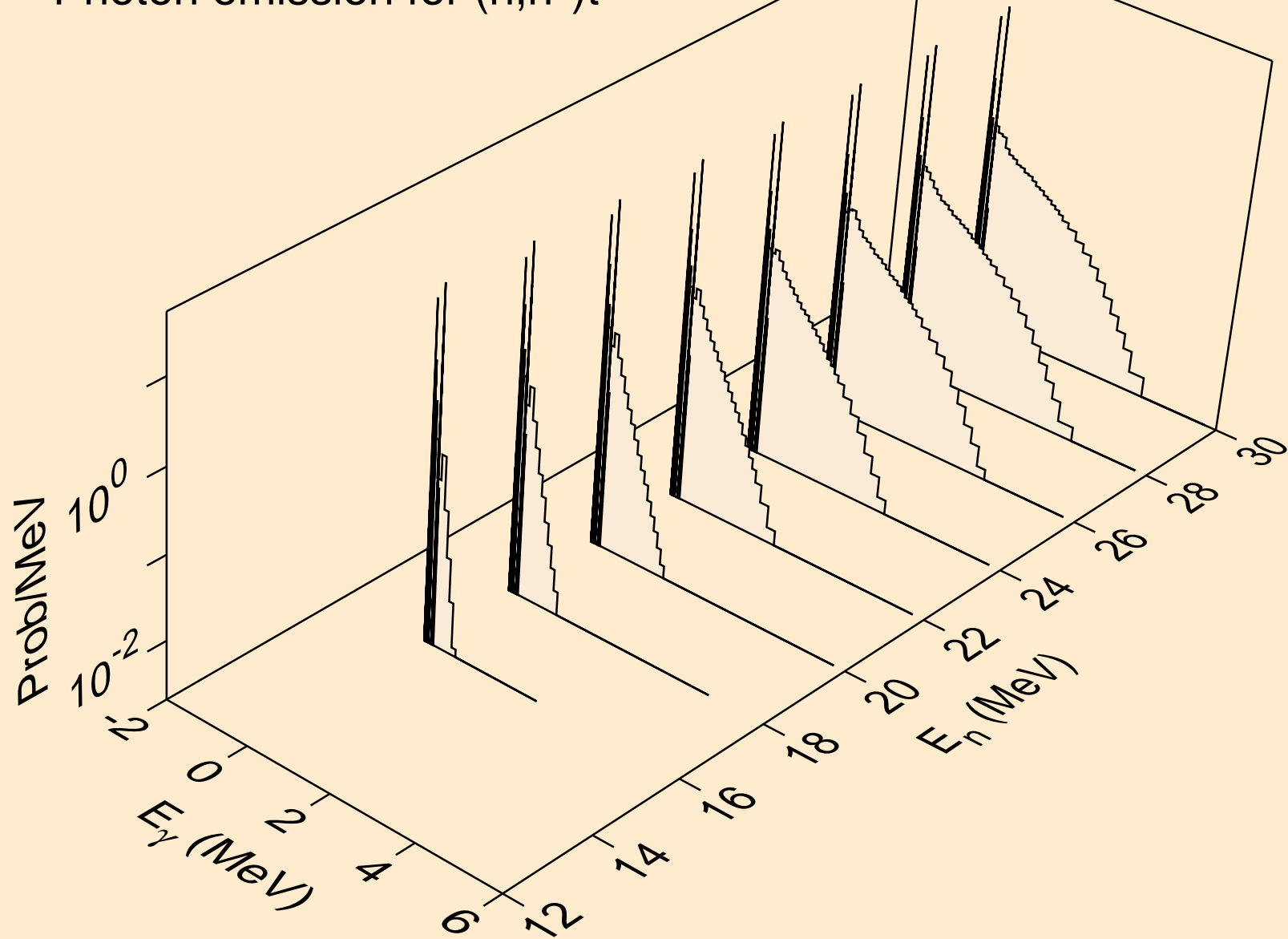
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



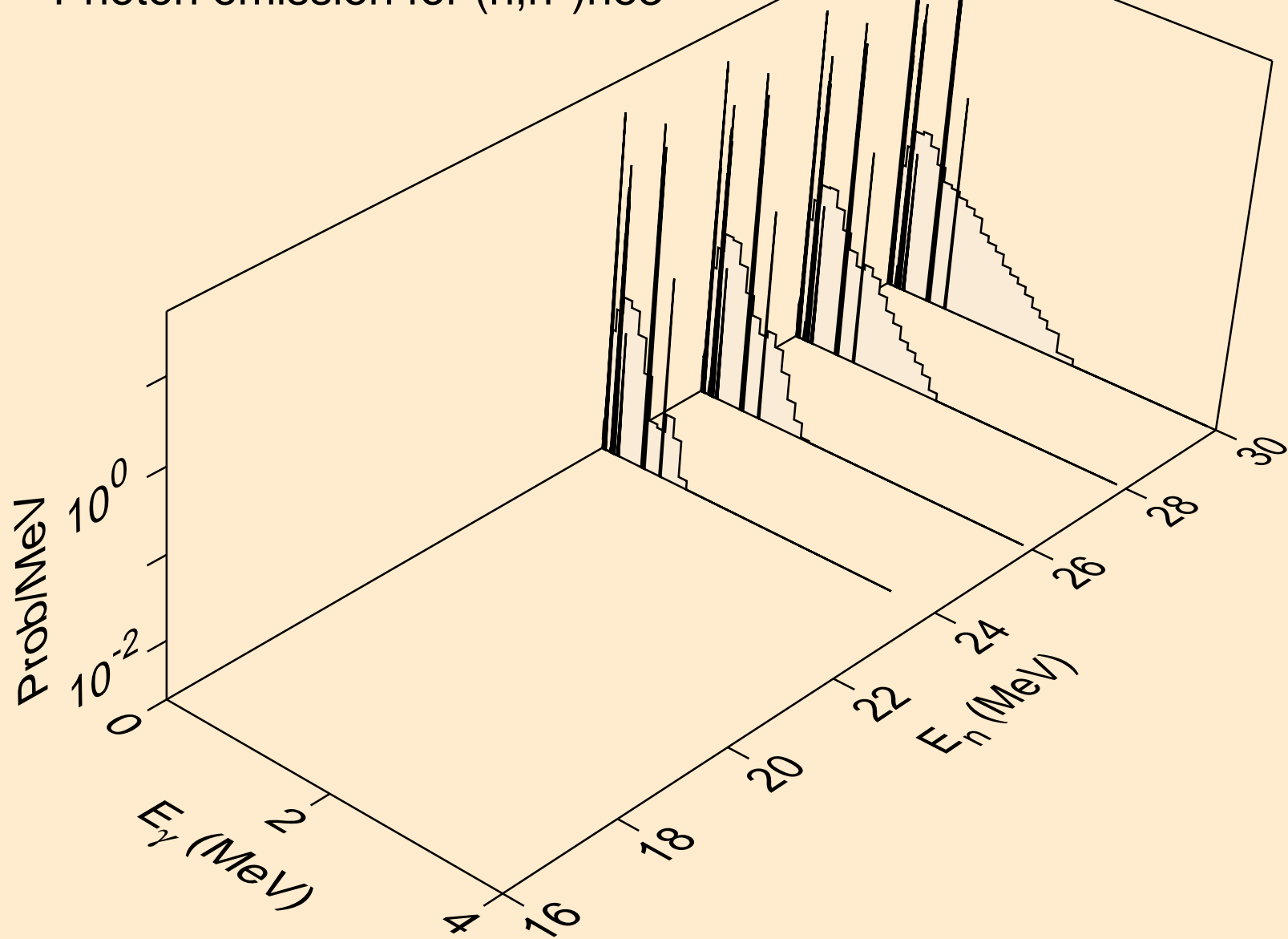
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



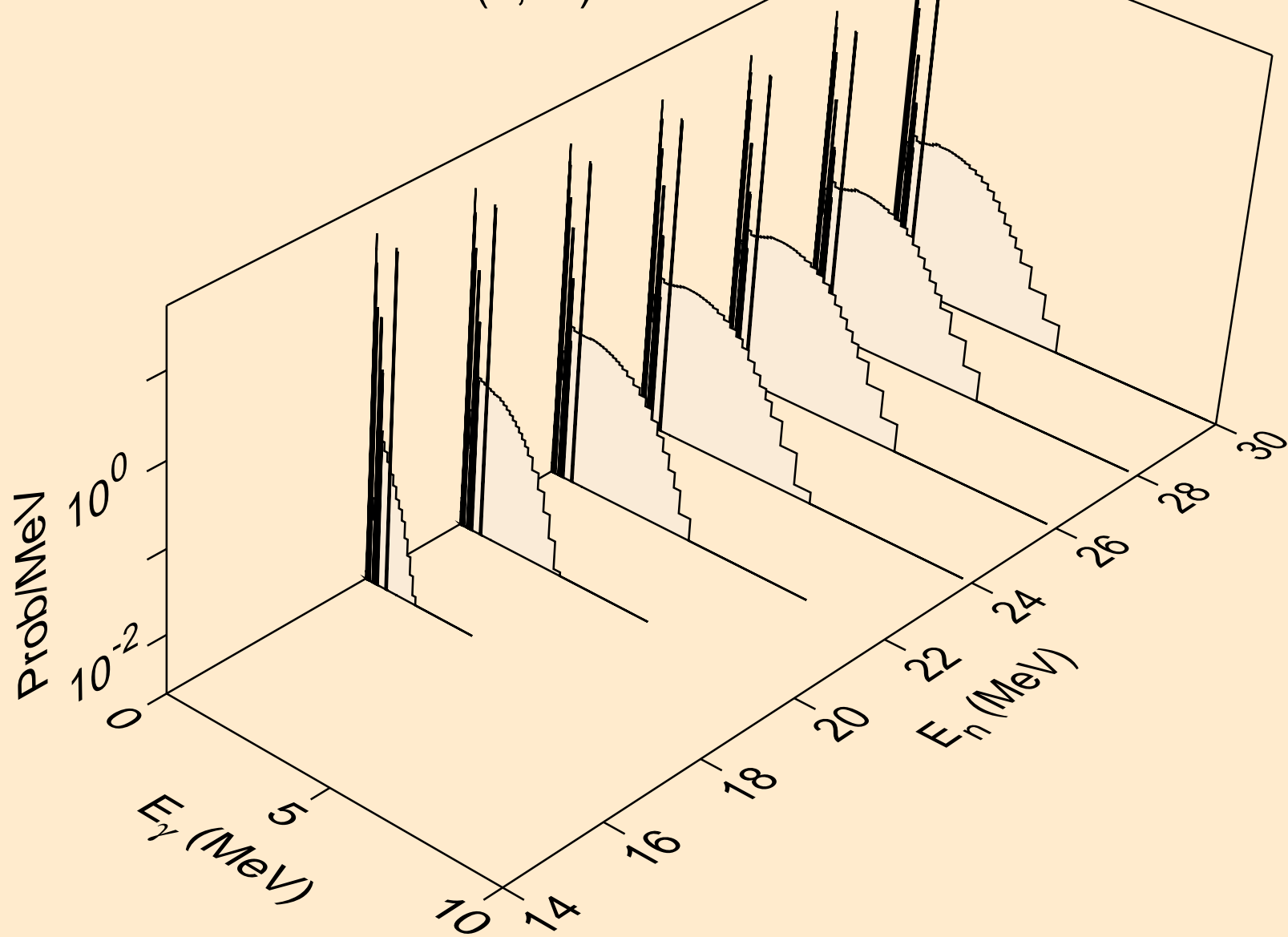
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



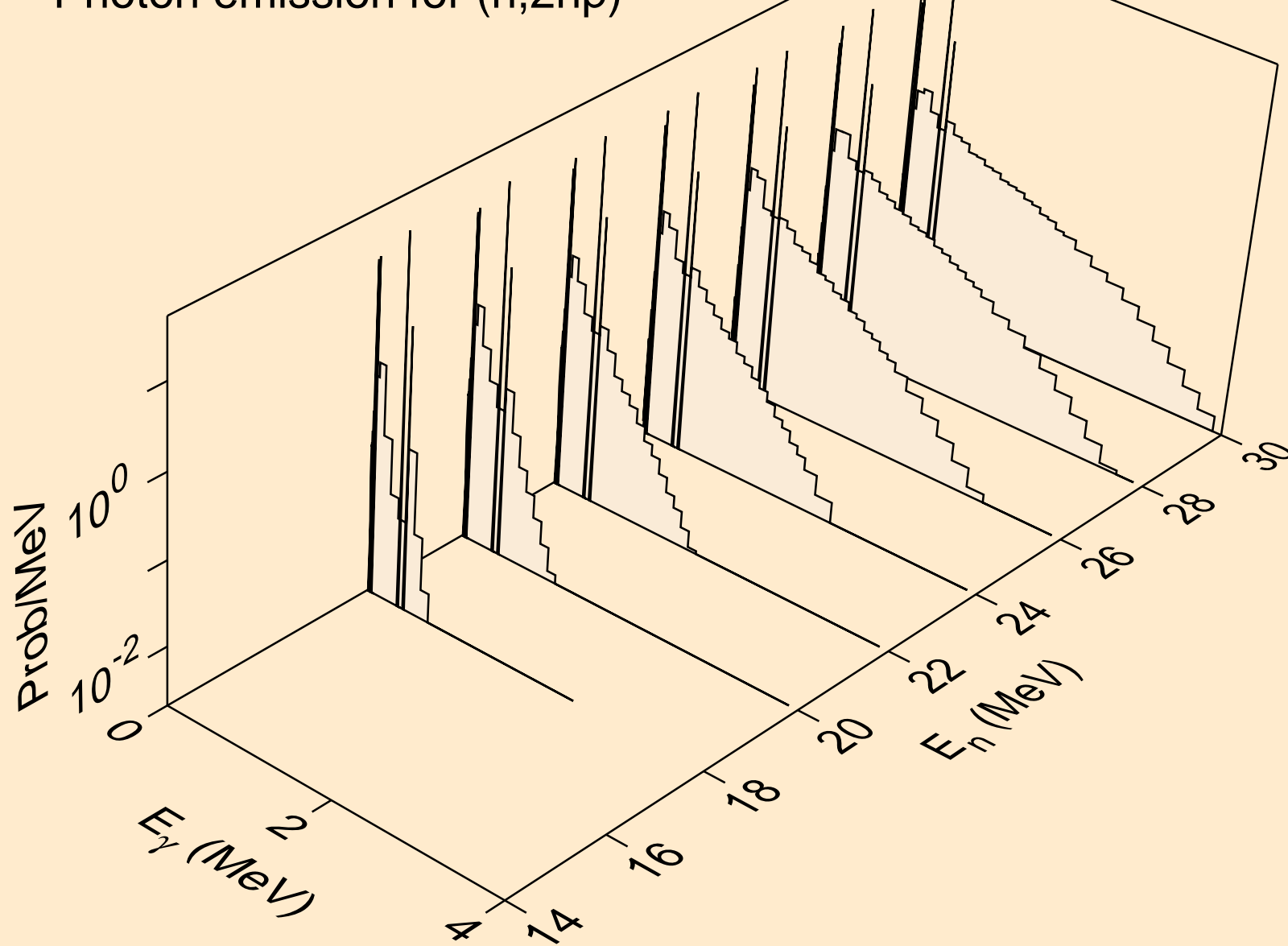
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



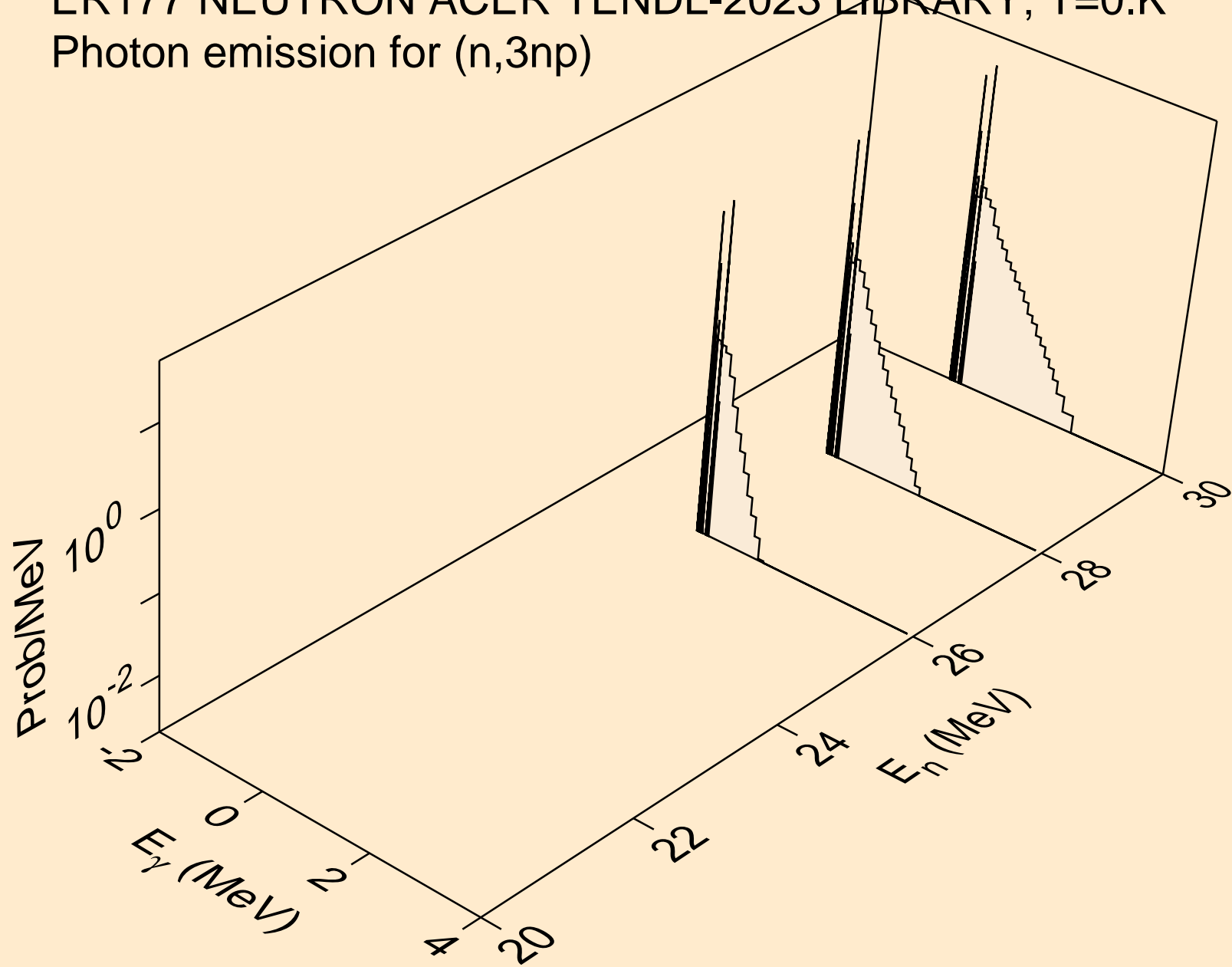
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



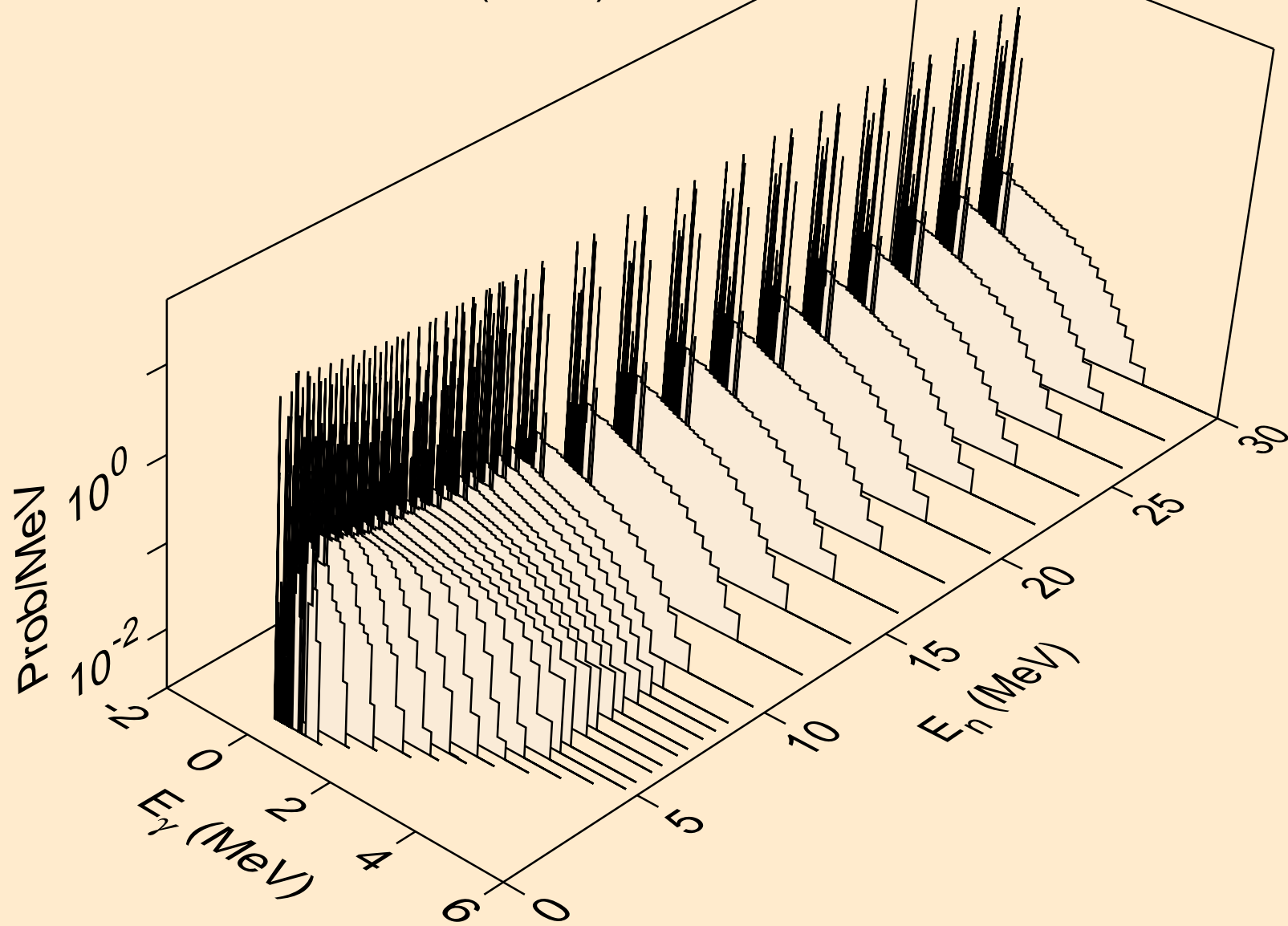
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

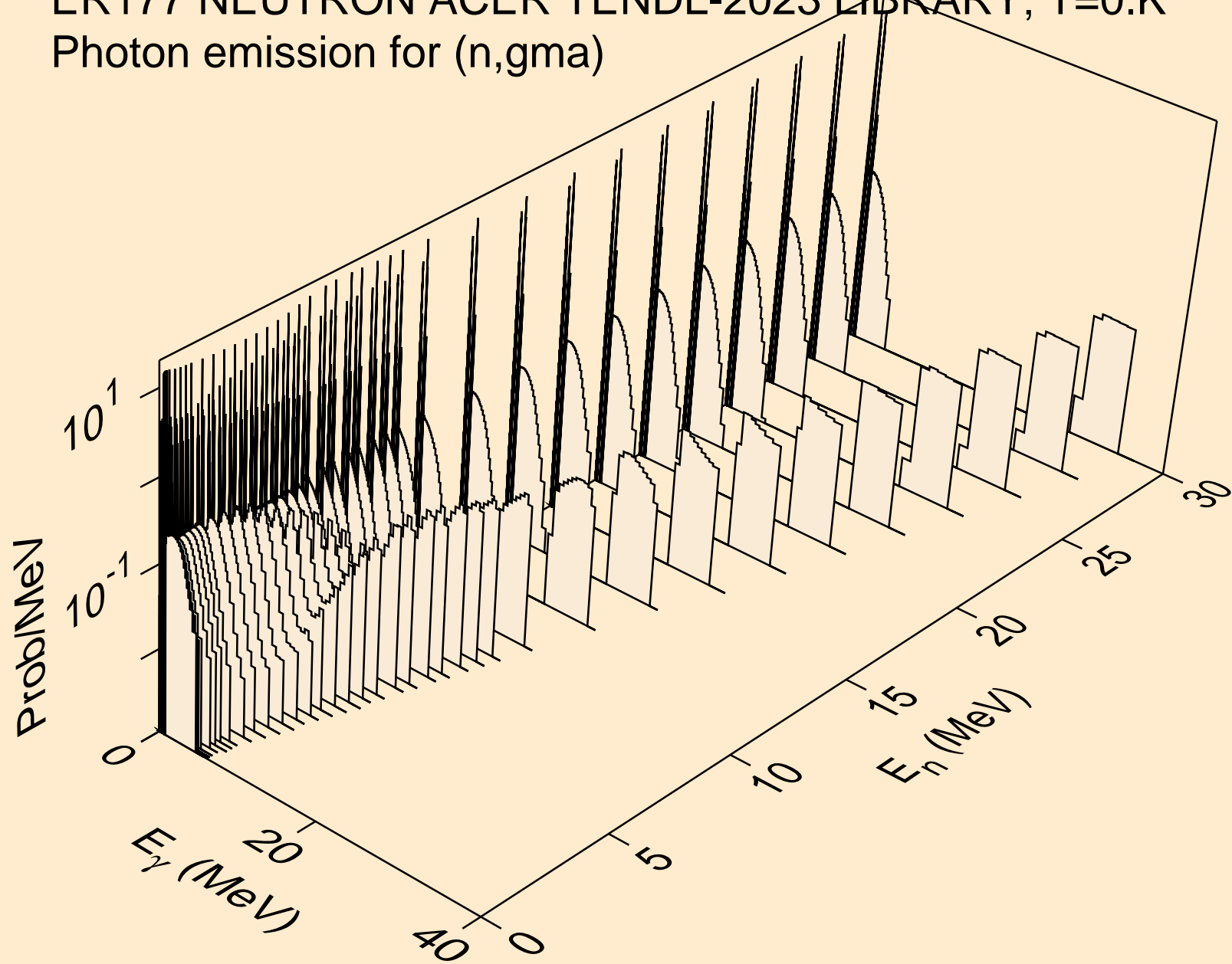


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

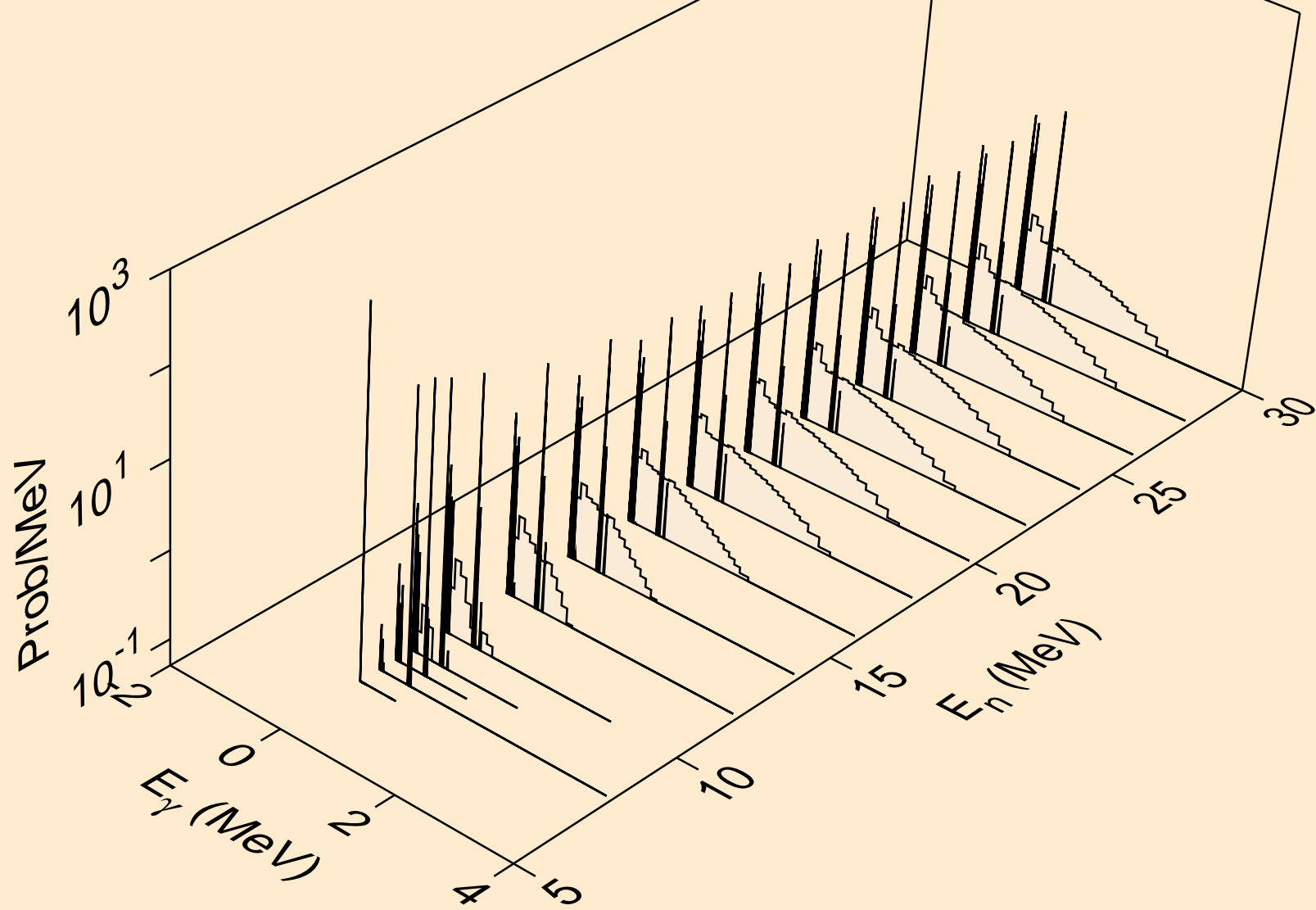




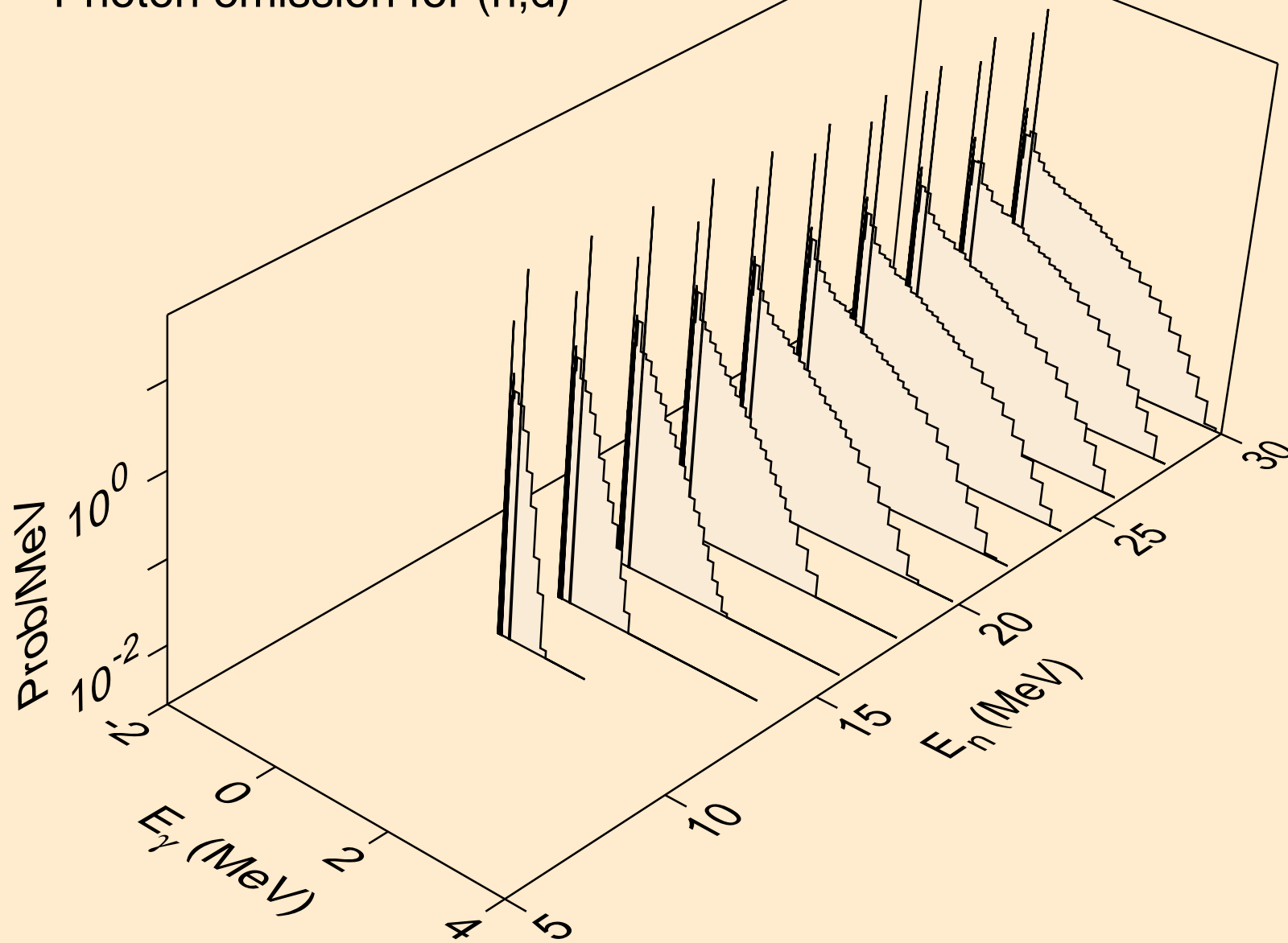
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



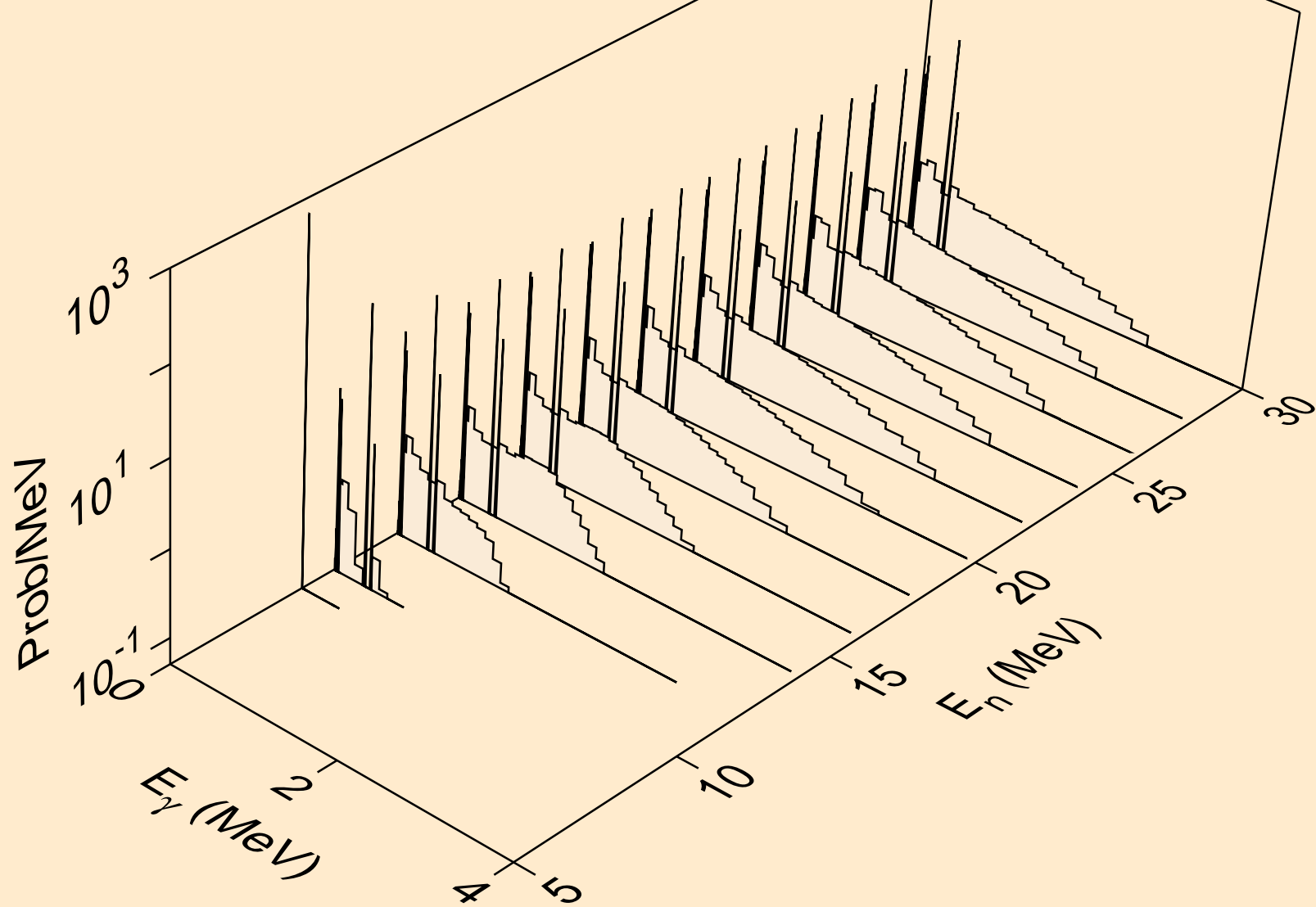
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



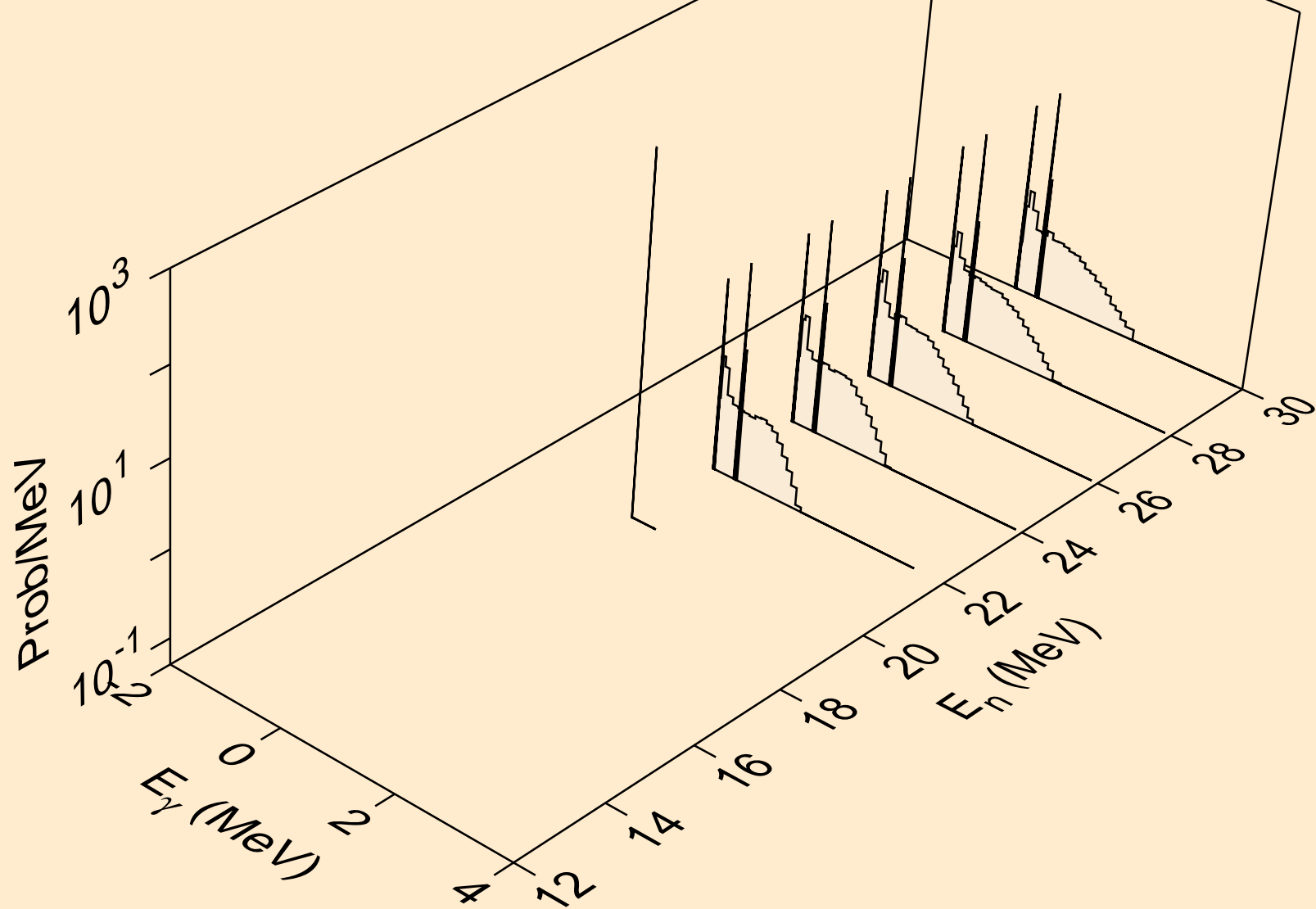
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



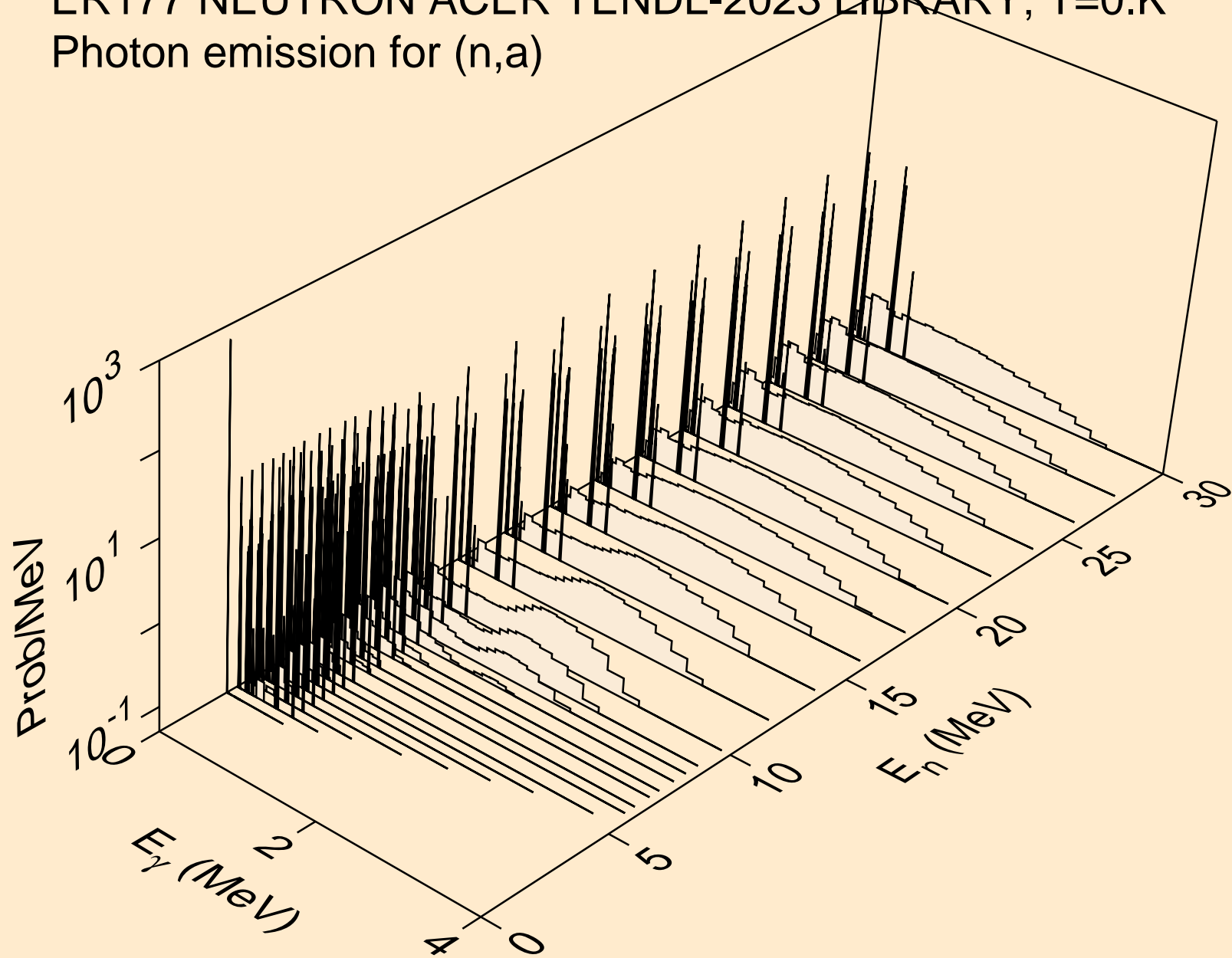
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



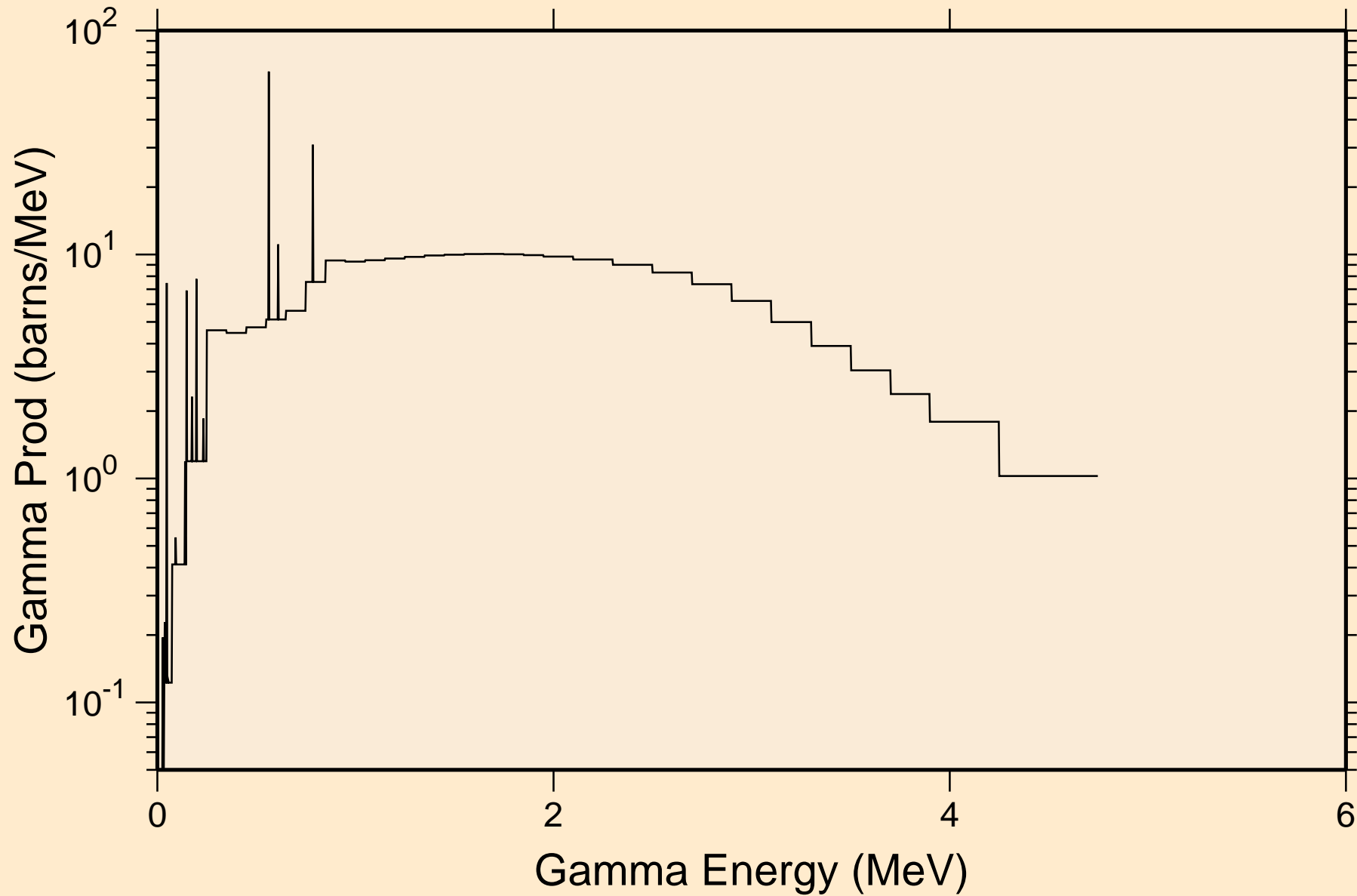
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



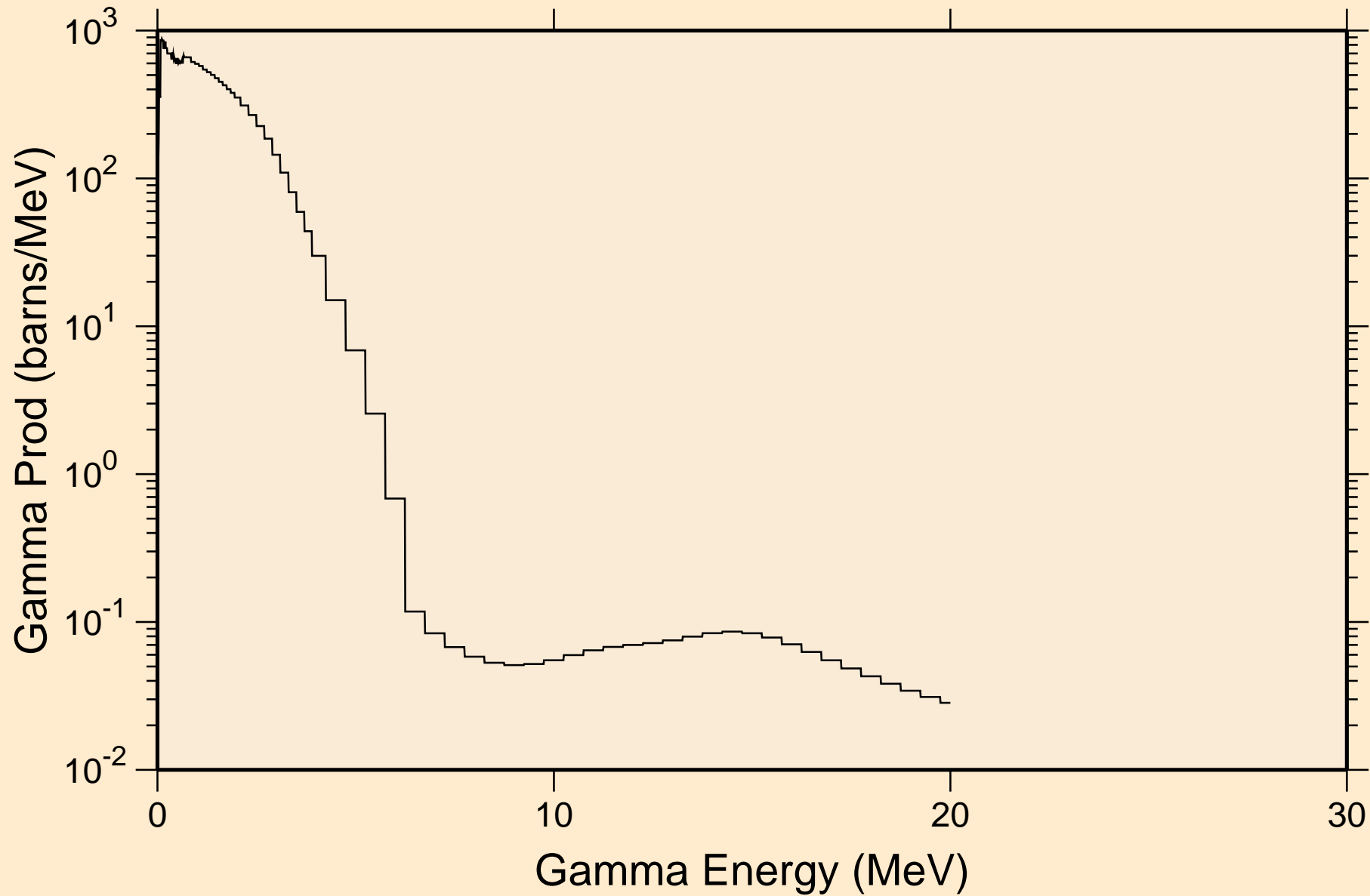
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



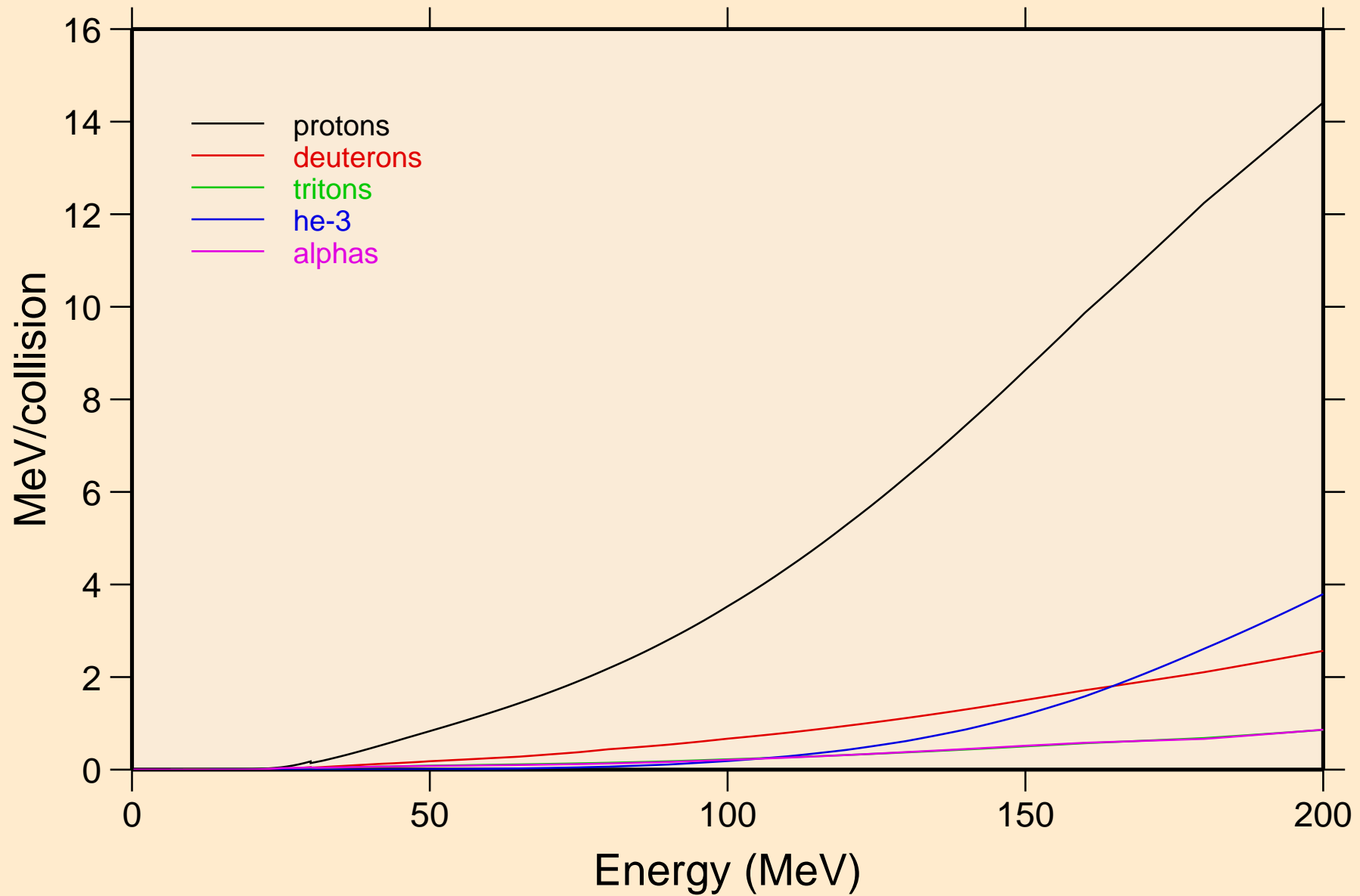
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



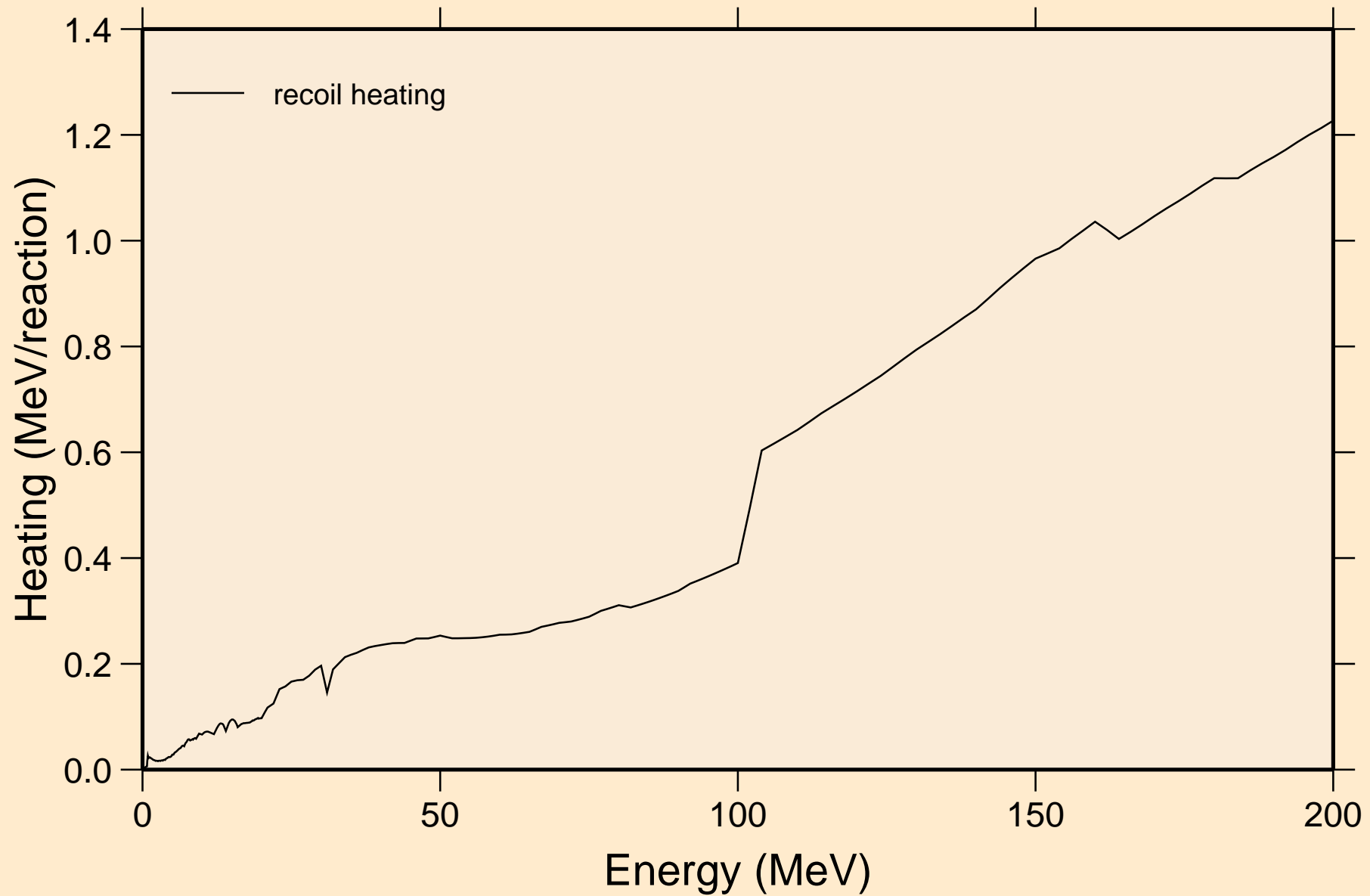


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

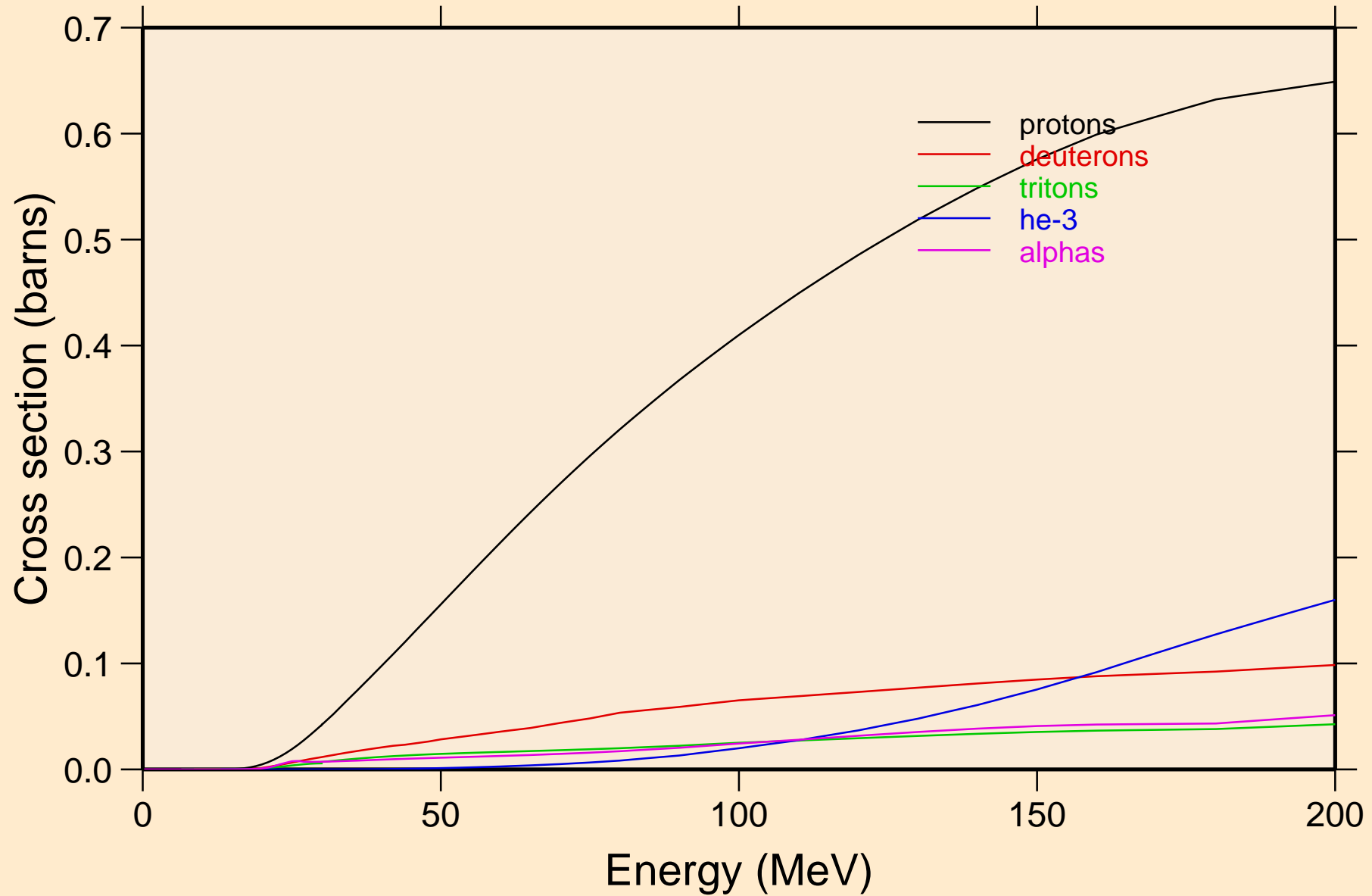


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

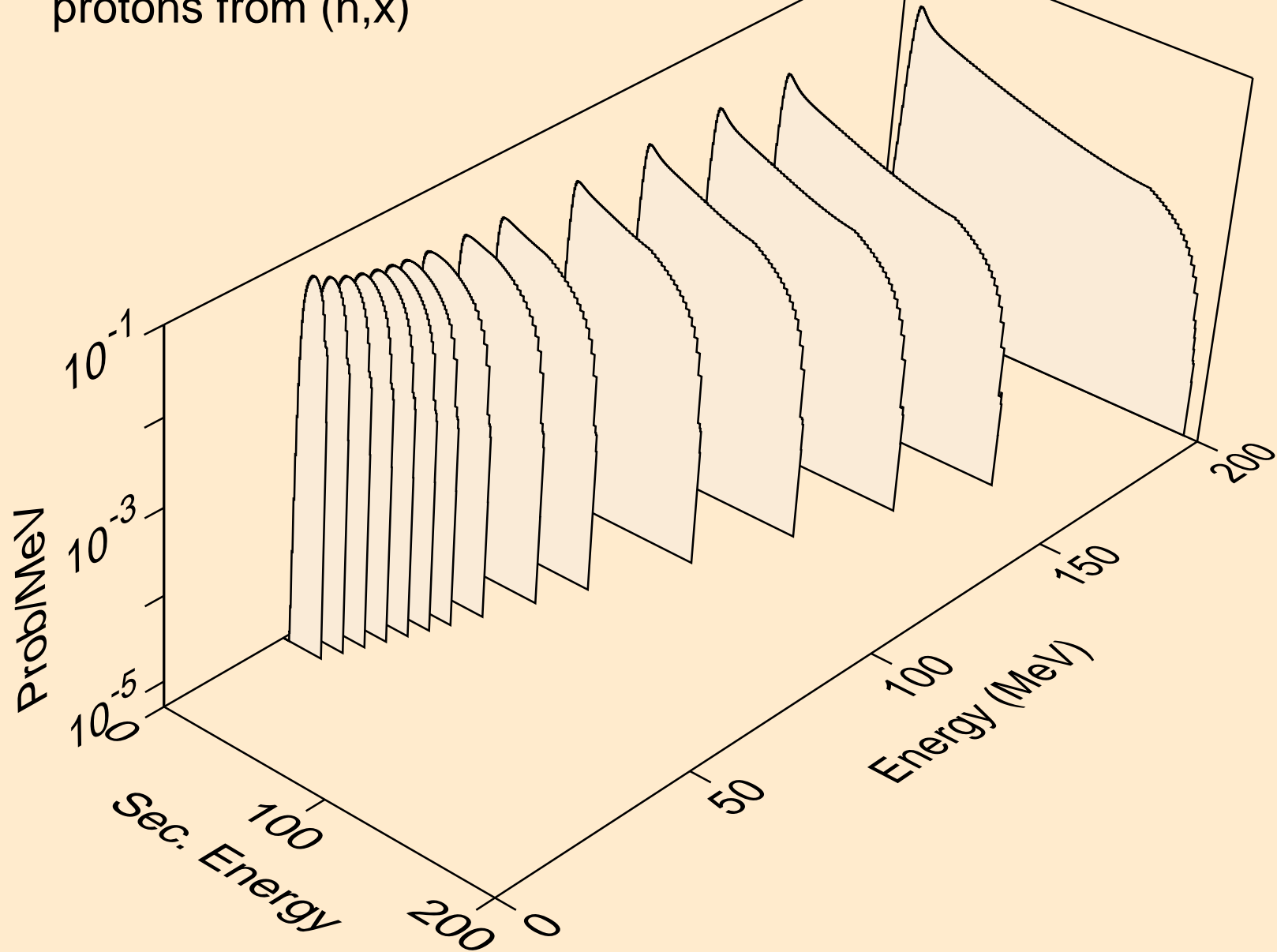


# ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

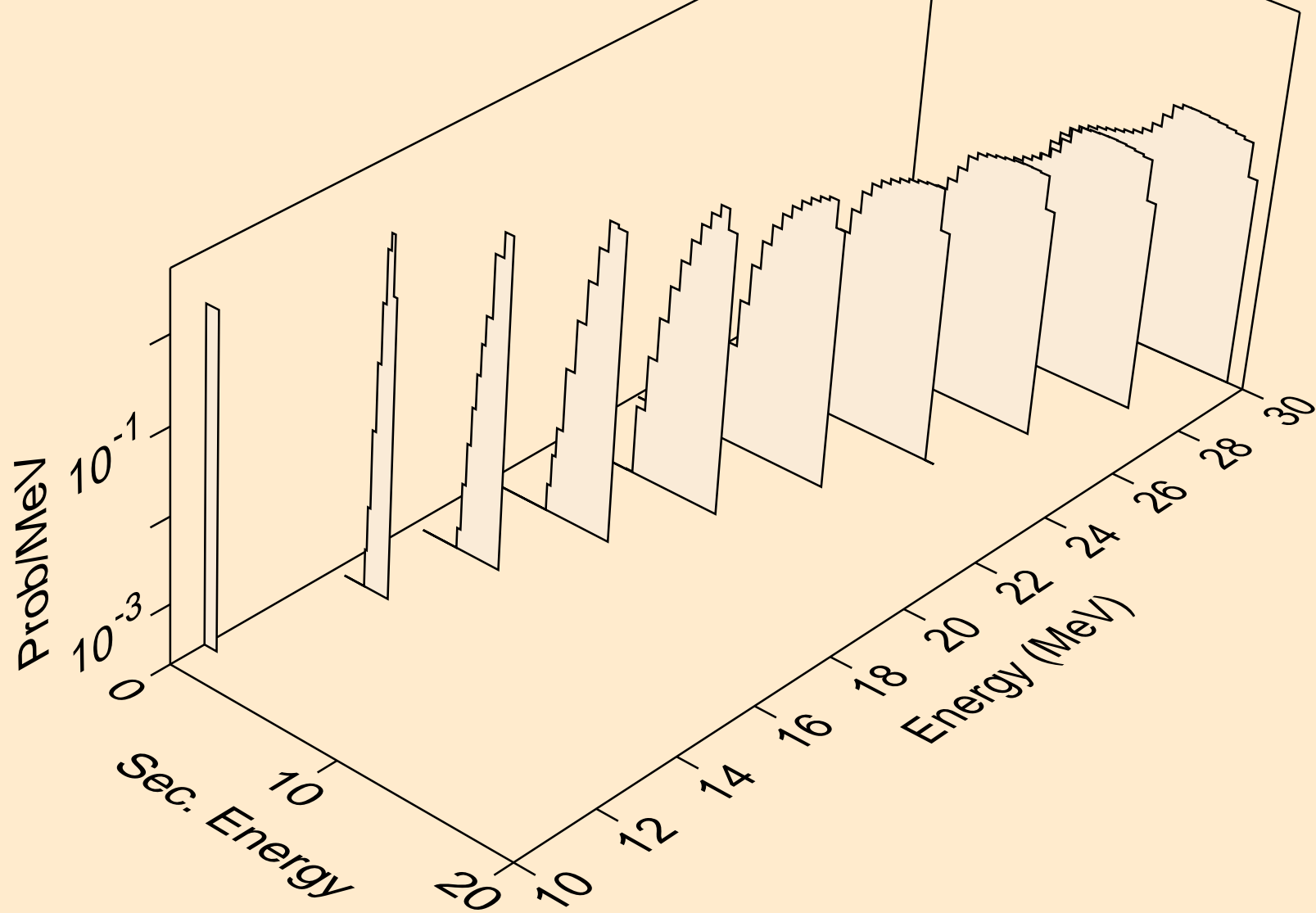
## Particle production cross sections



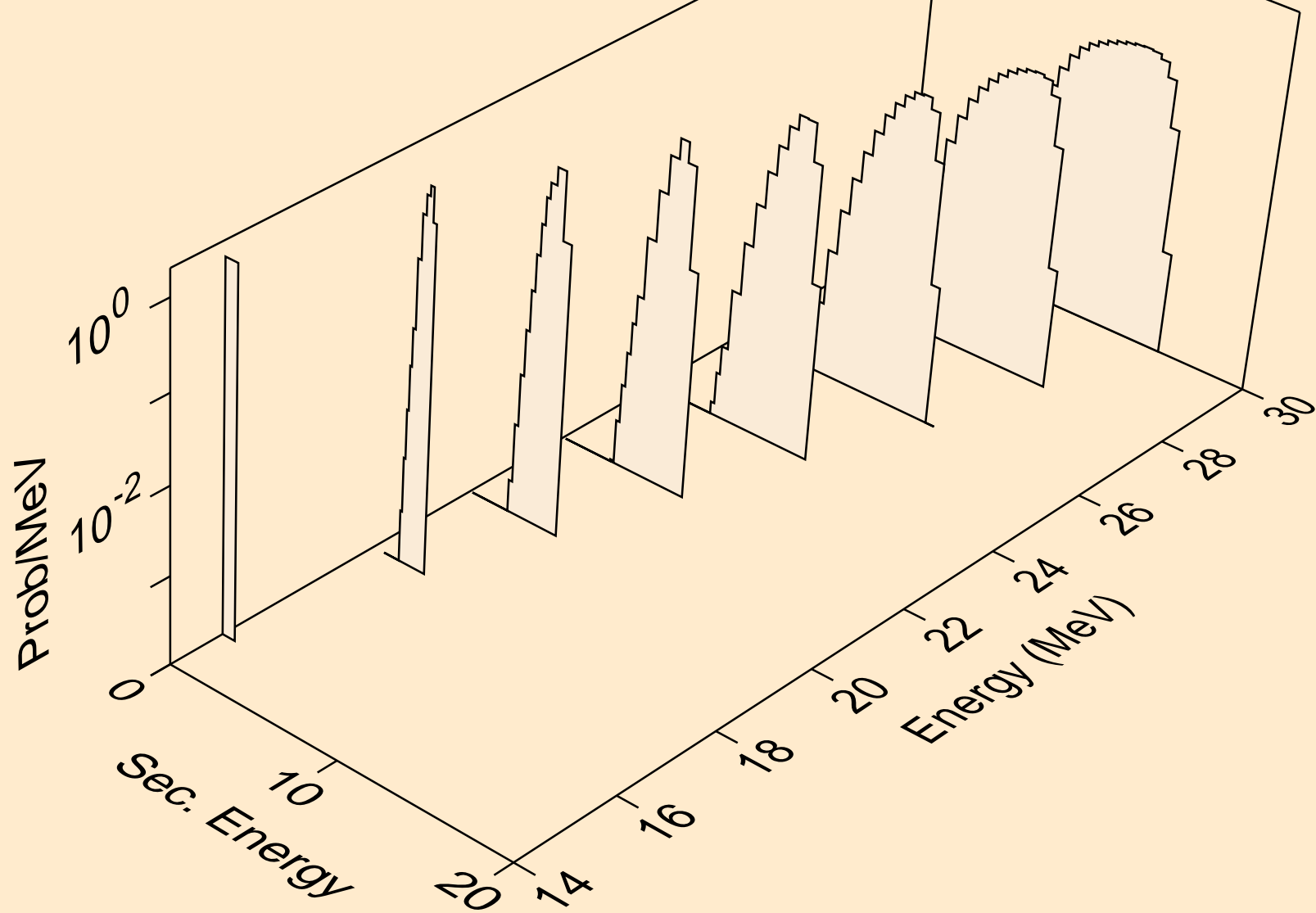
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



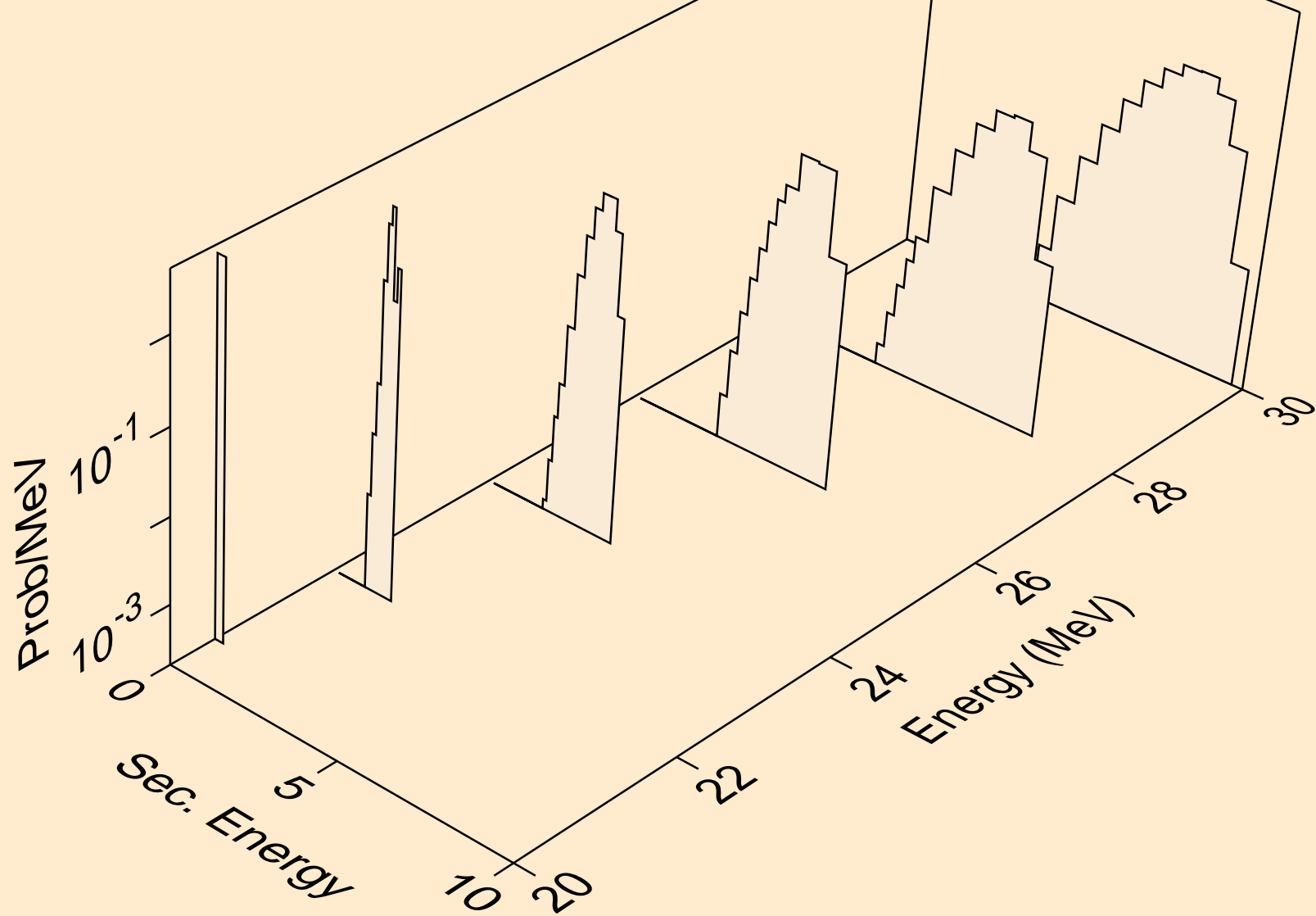
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



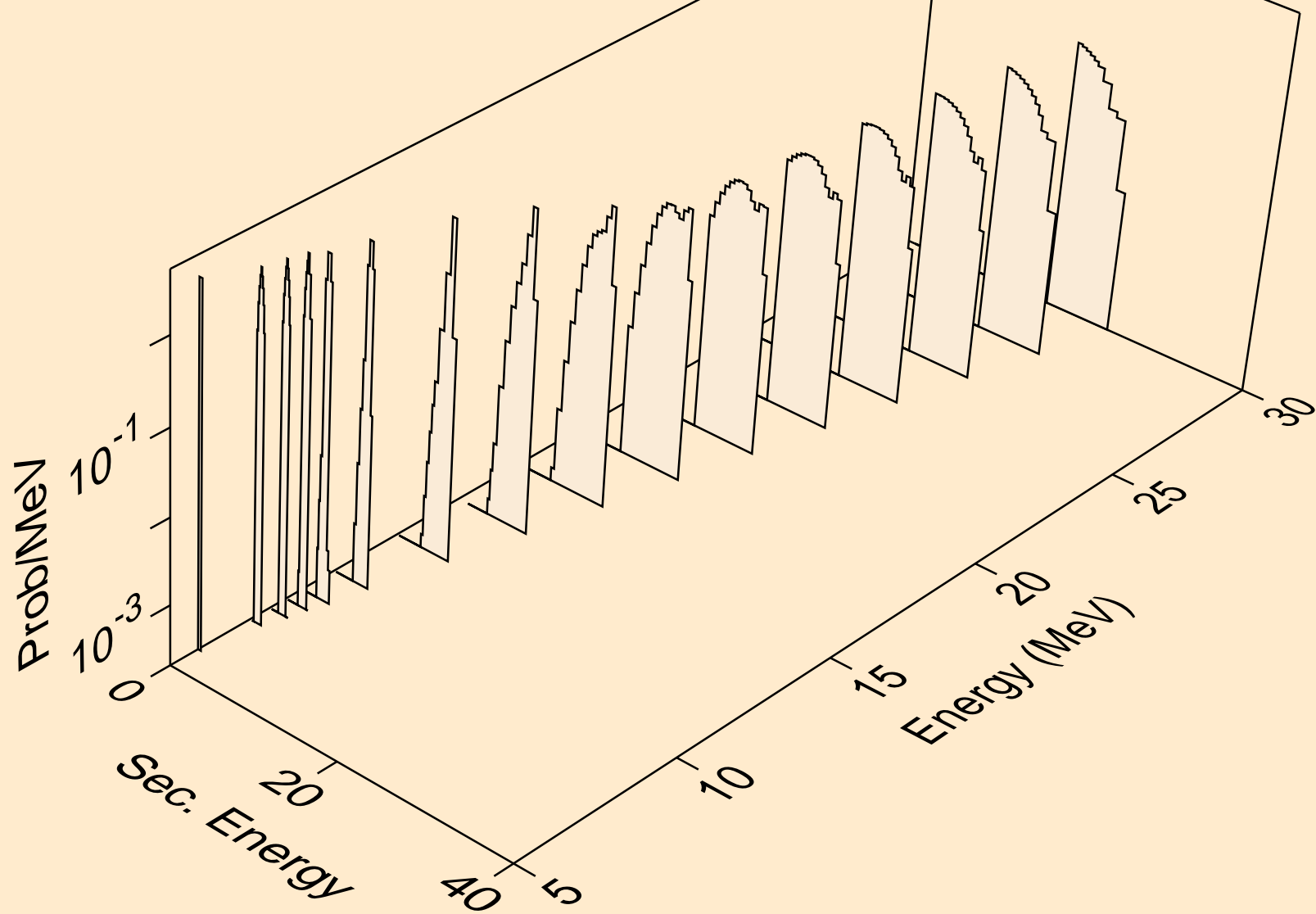
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

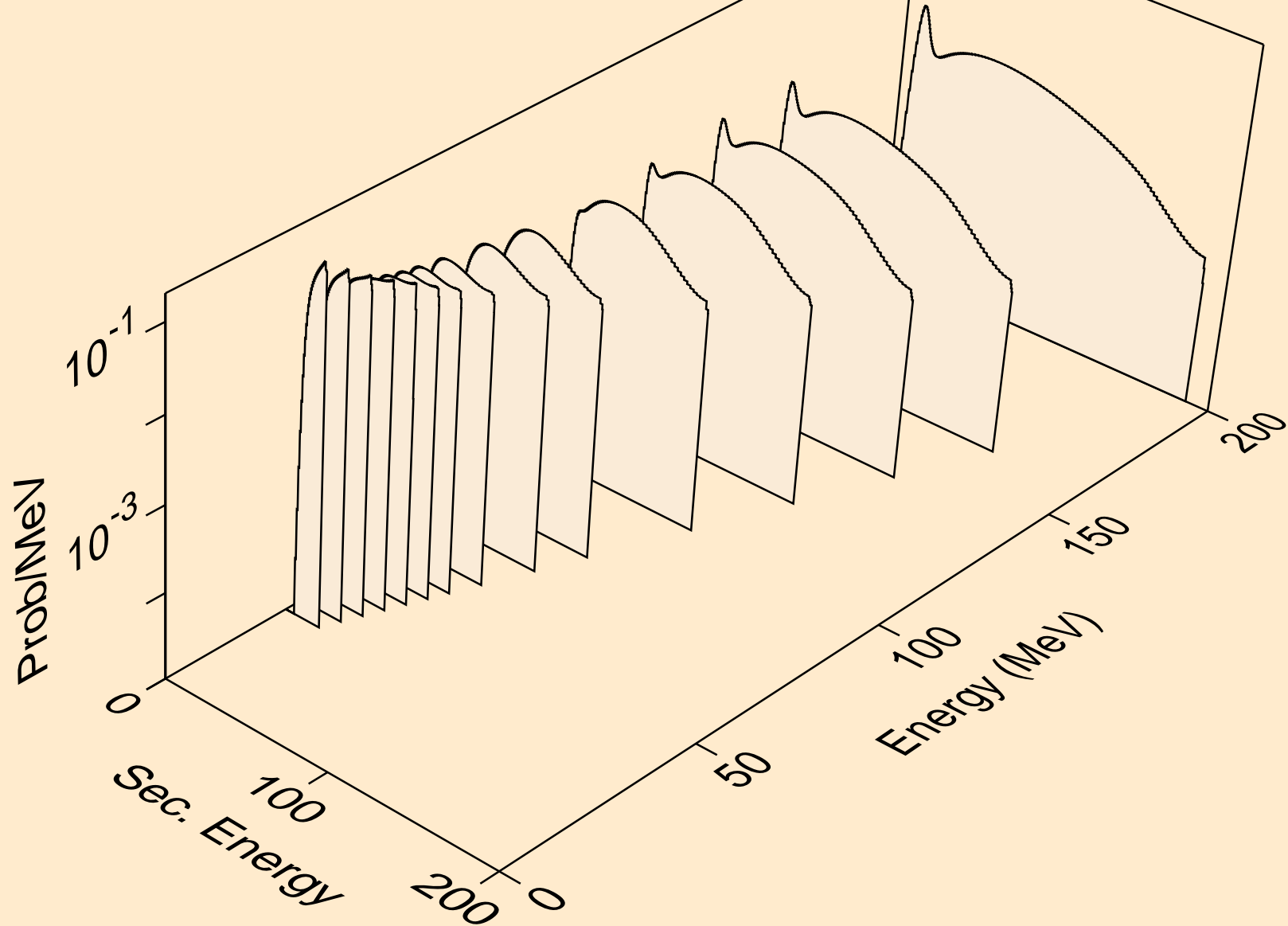


ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

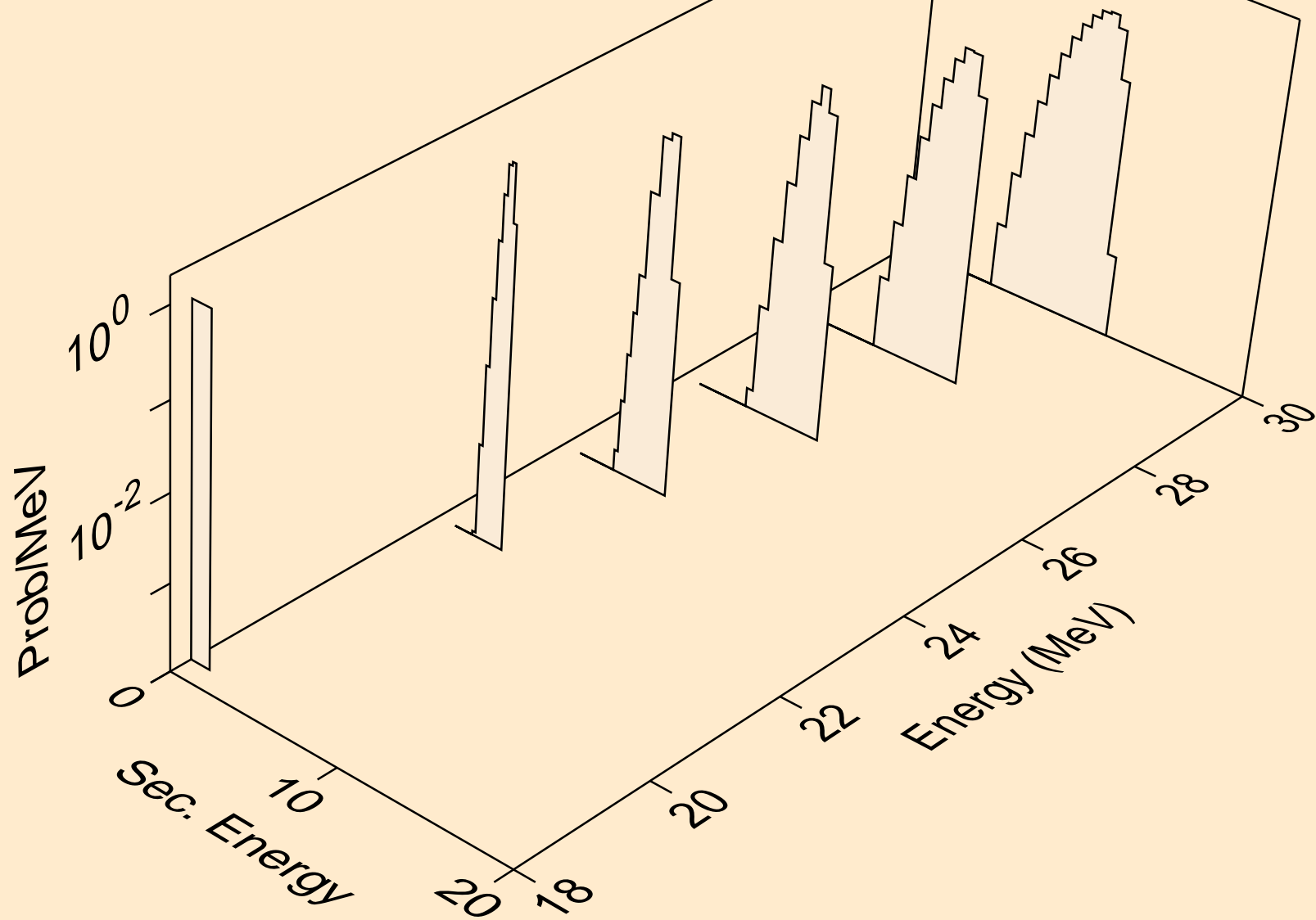




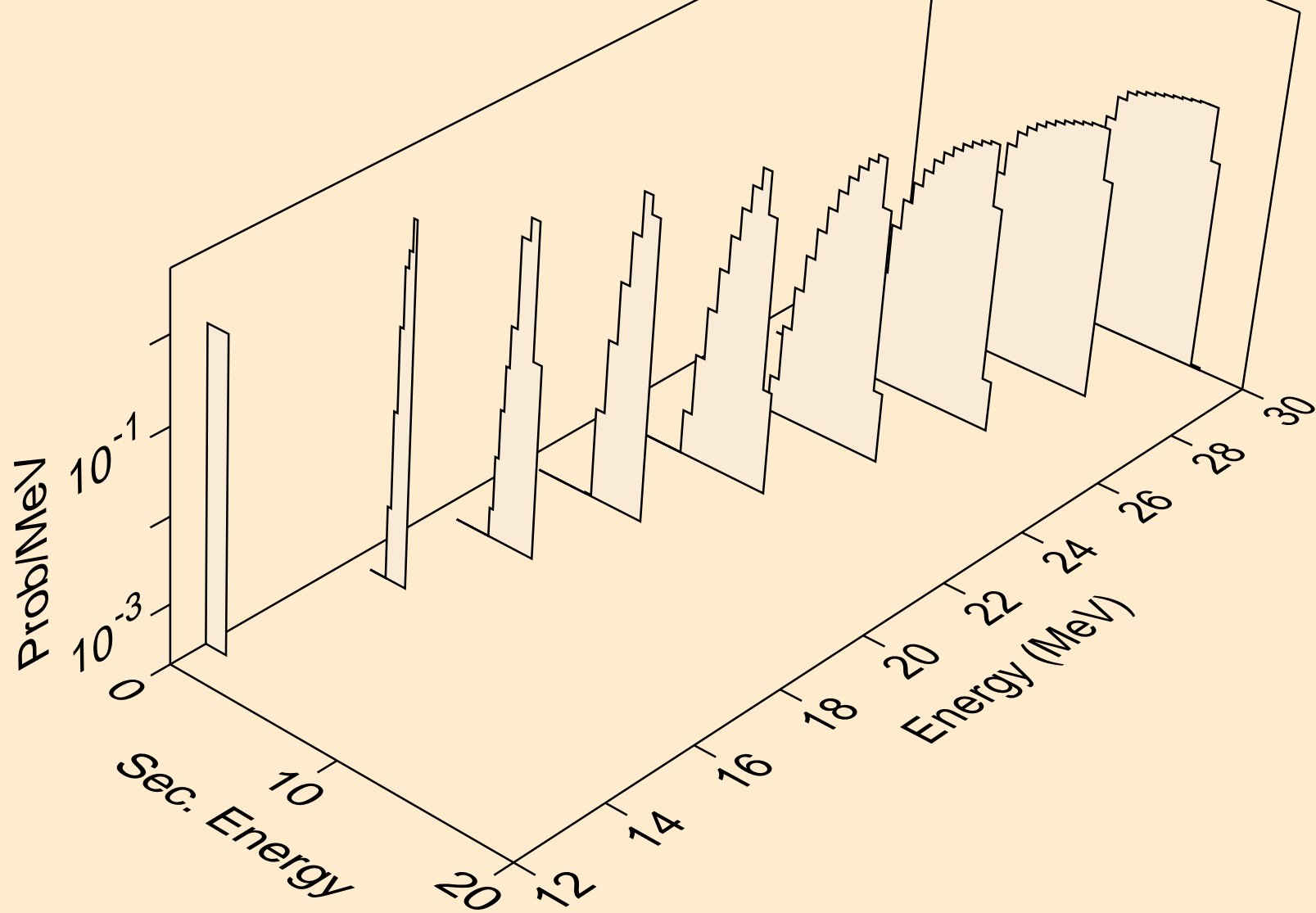
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



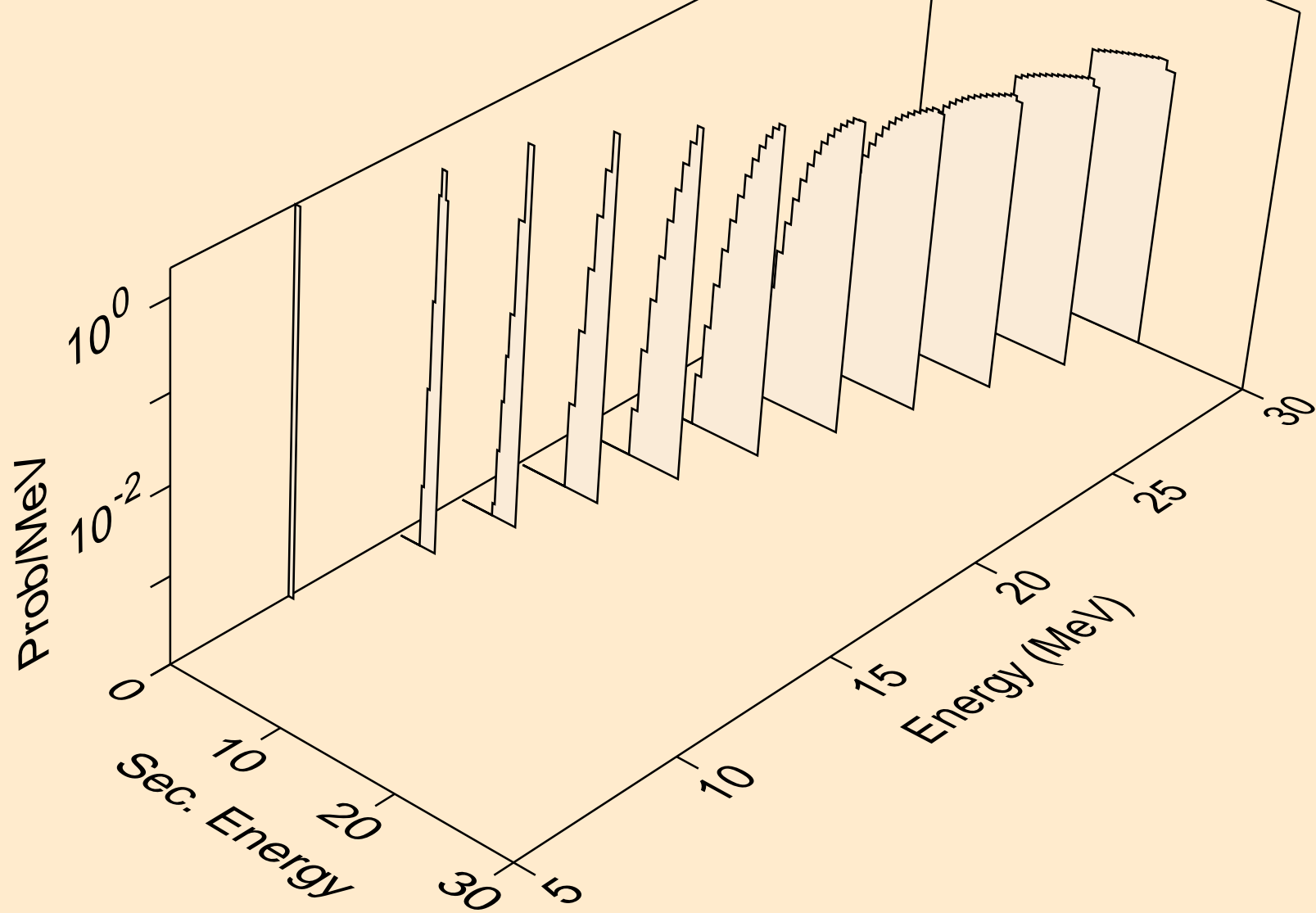
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deuterons from (n,2nd)



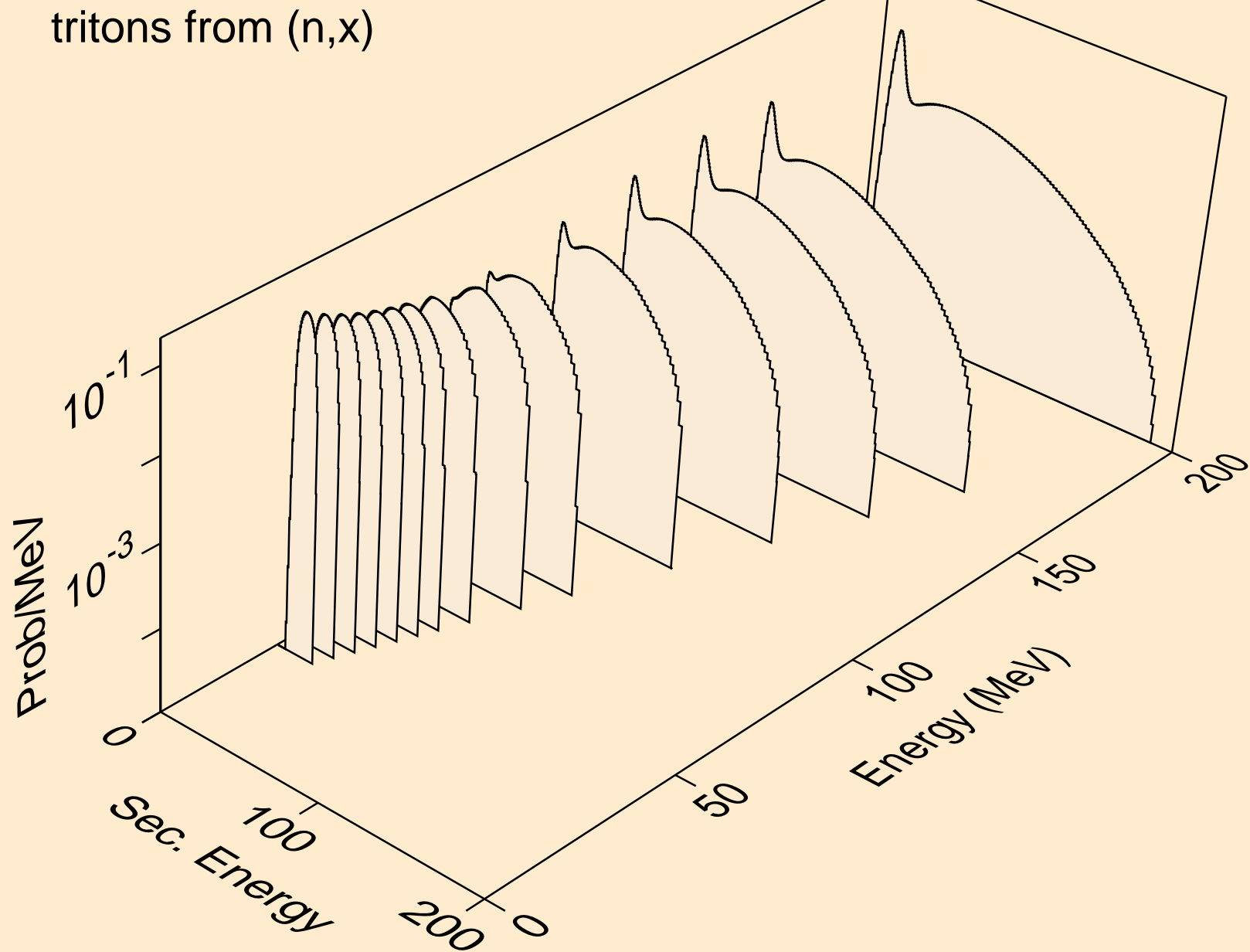
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



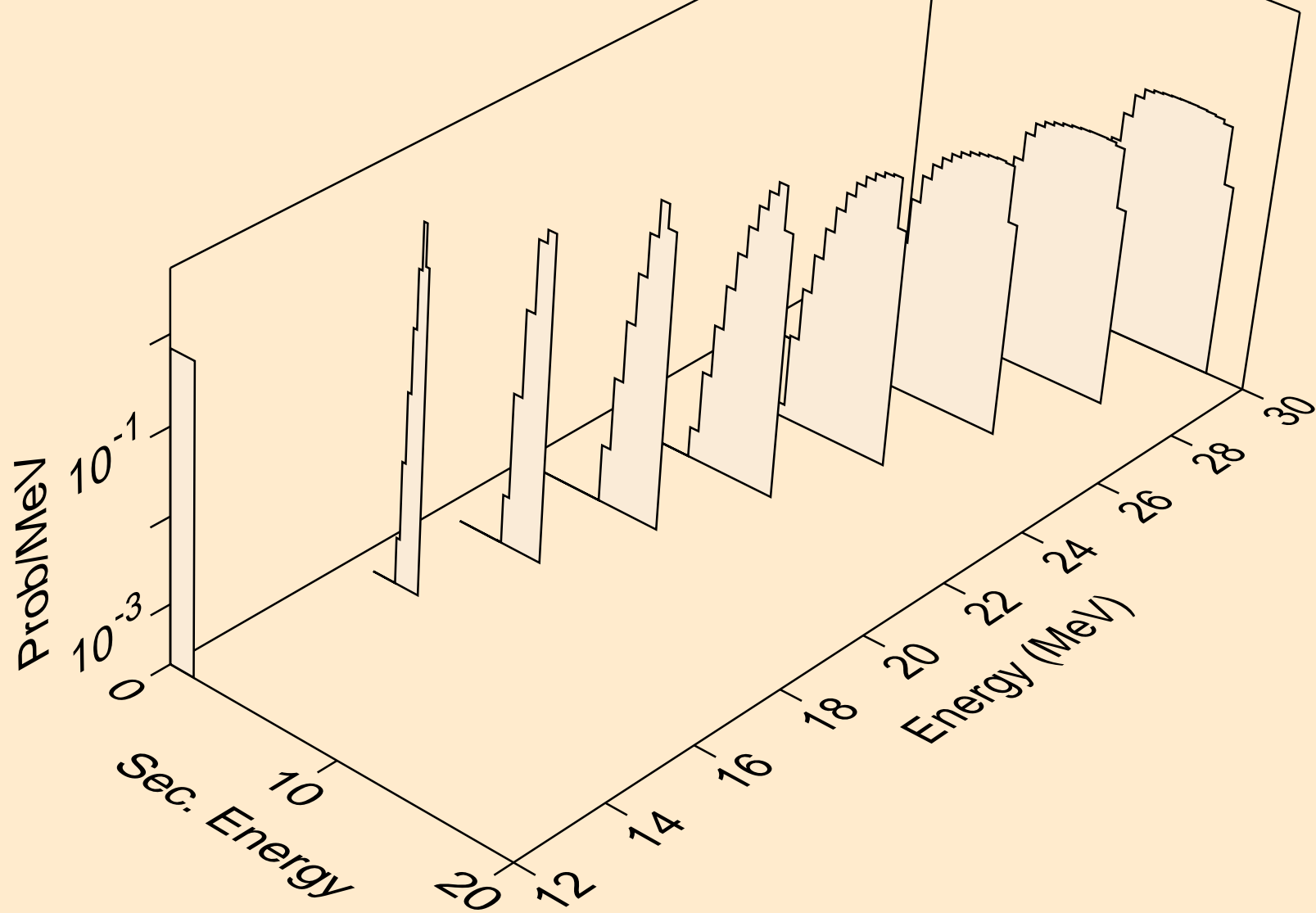
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deuterons from (n,d)



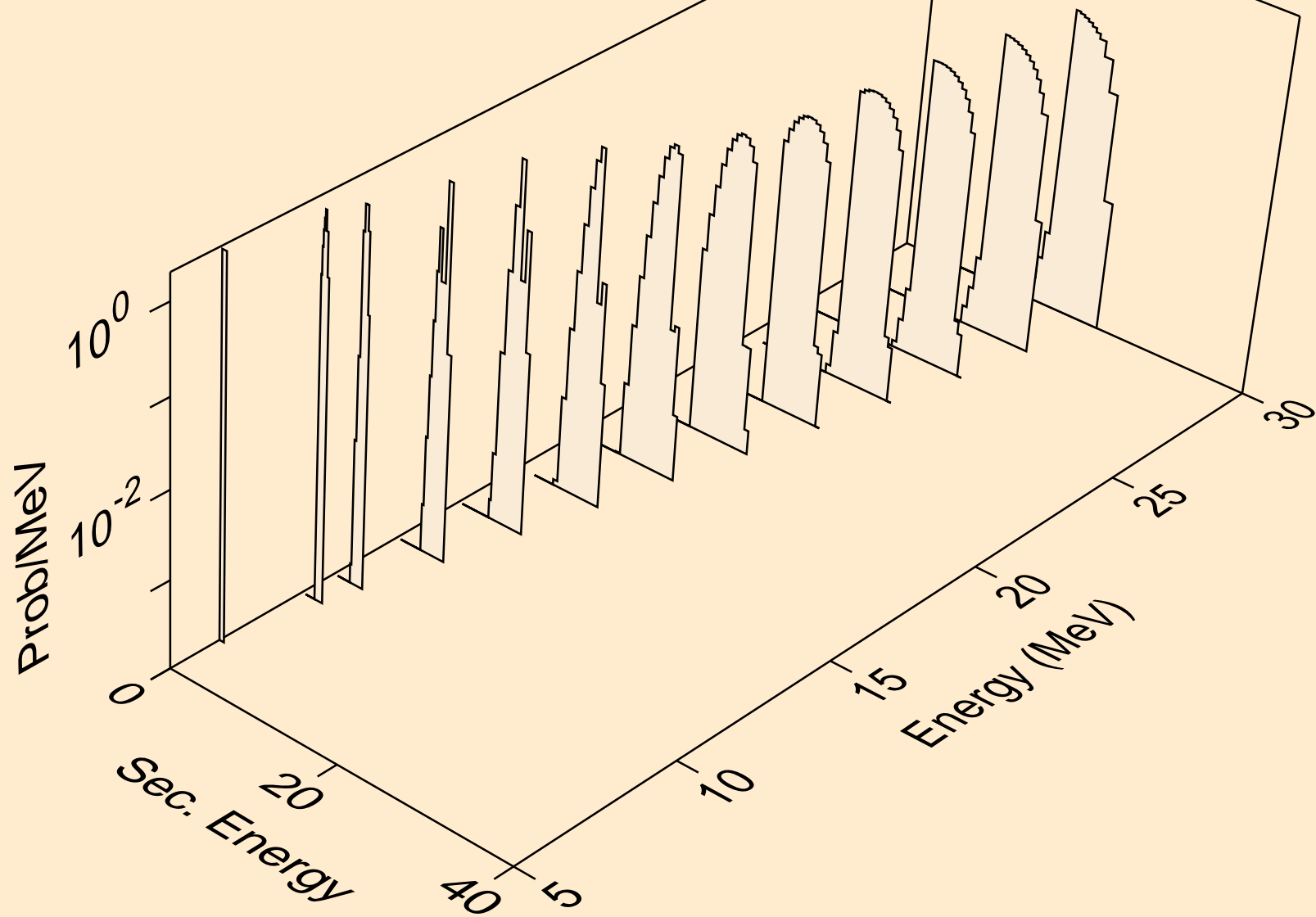
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



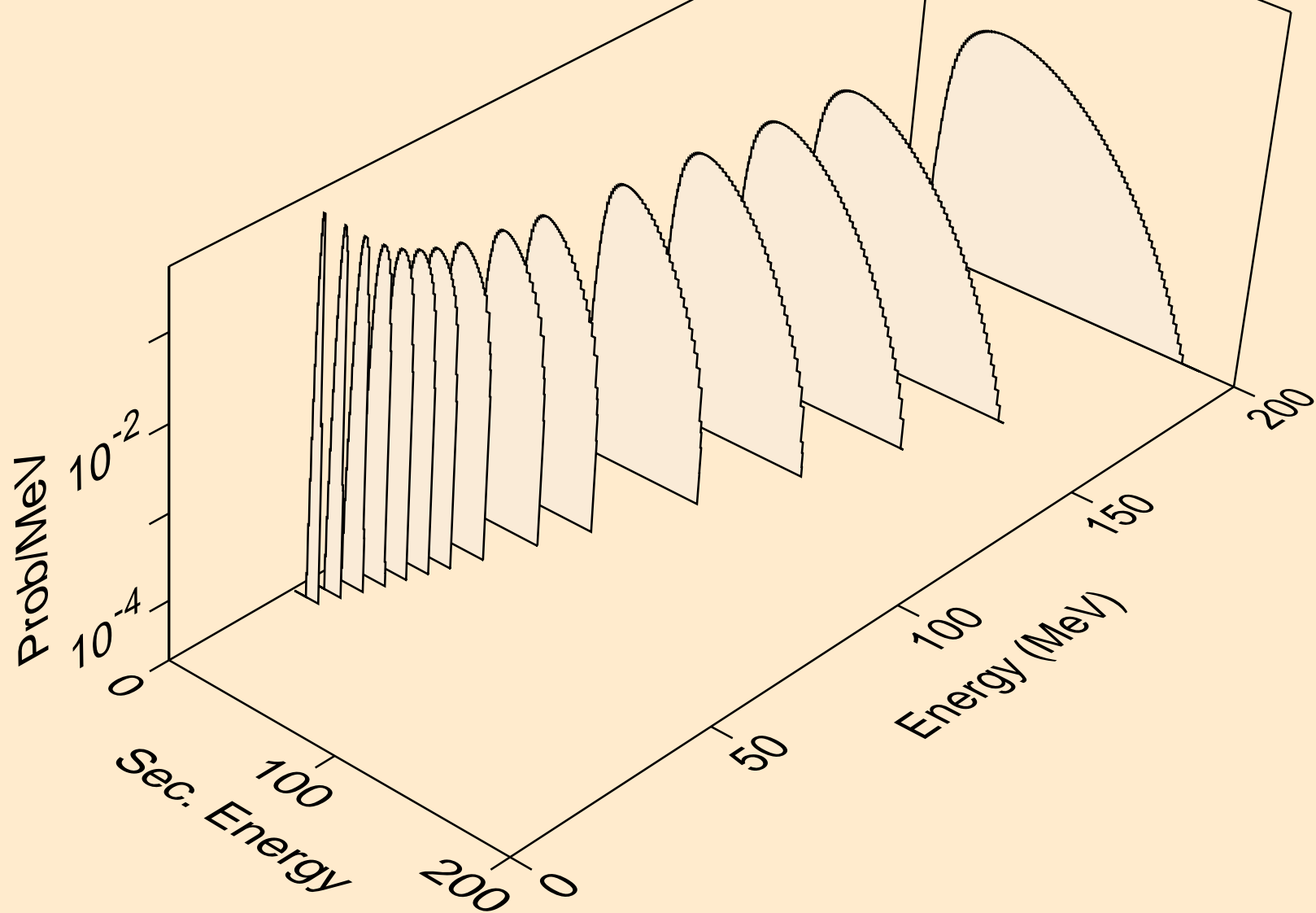
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

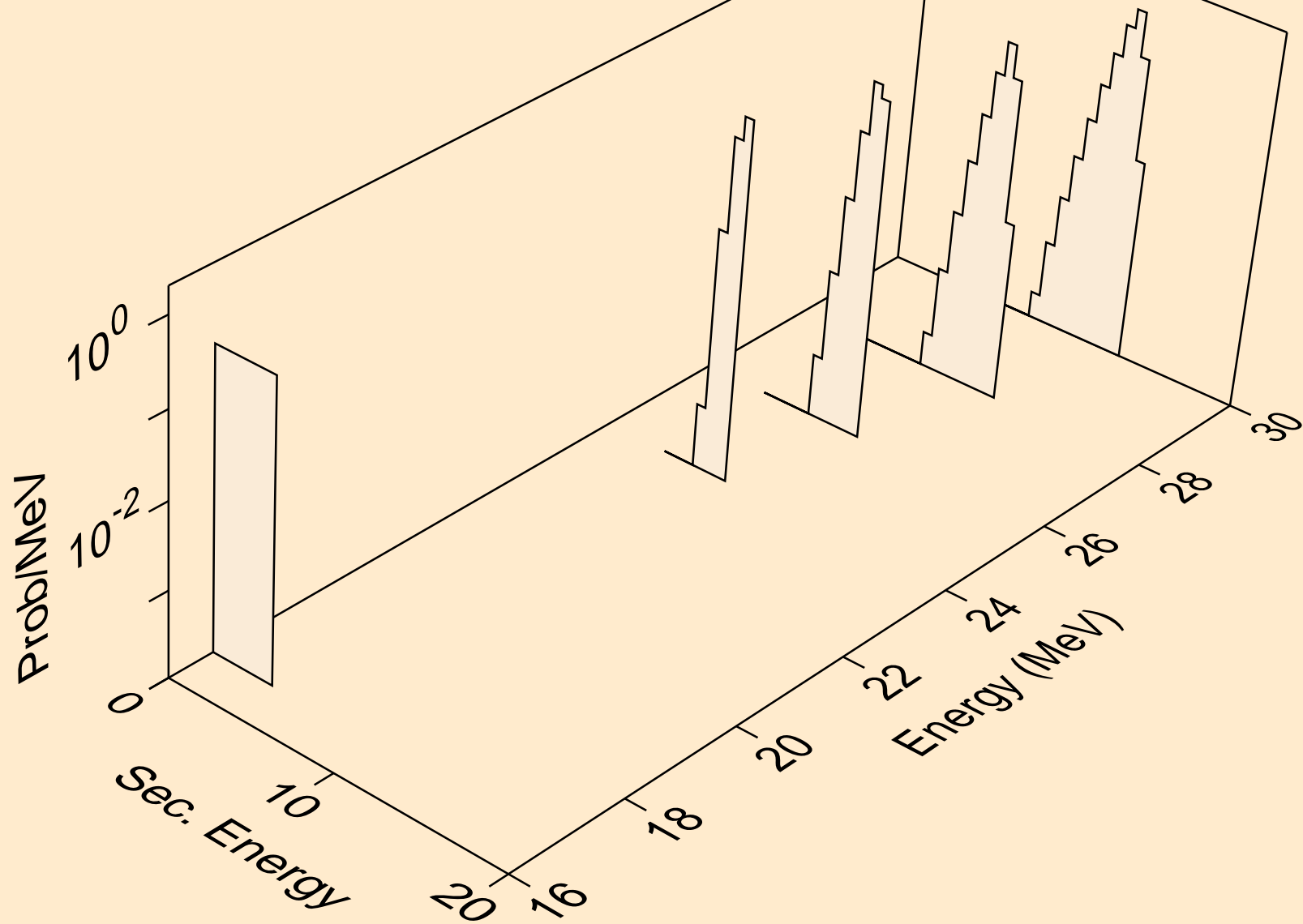


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he3s from (n,x)

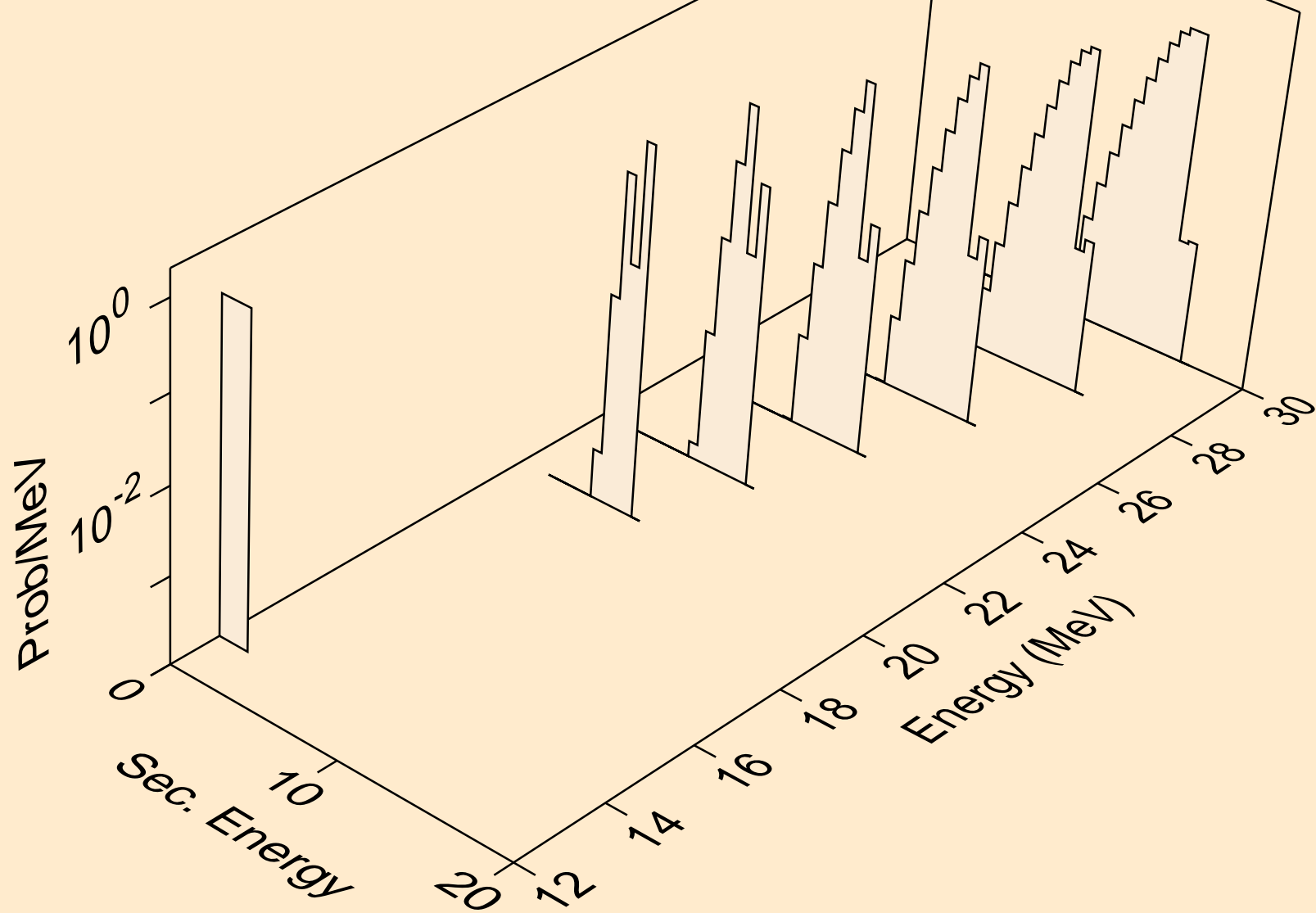




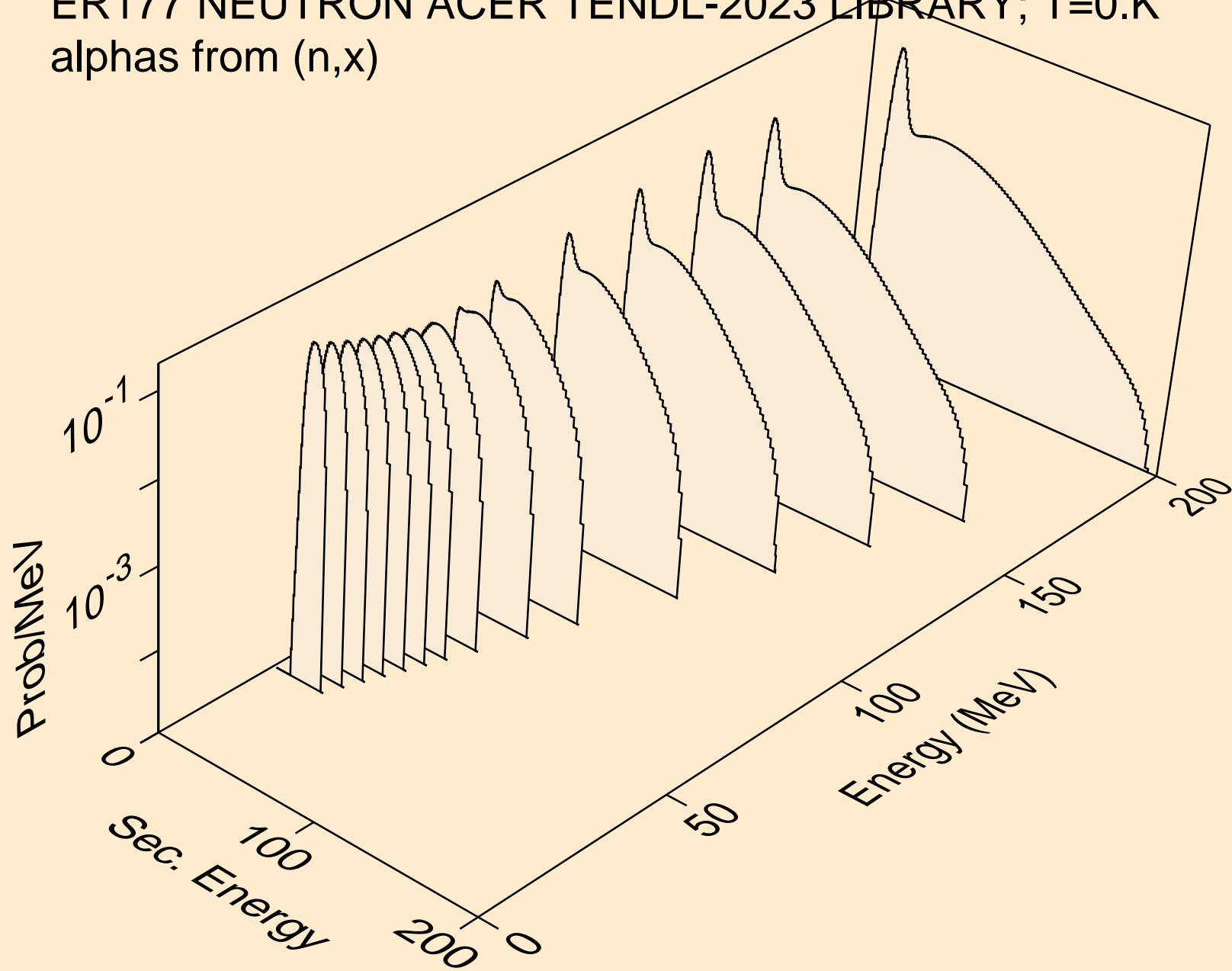
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



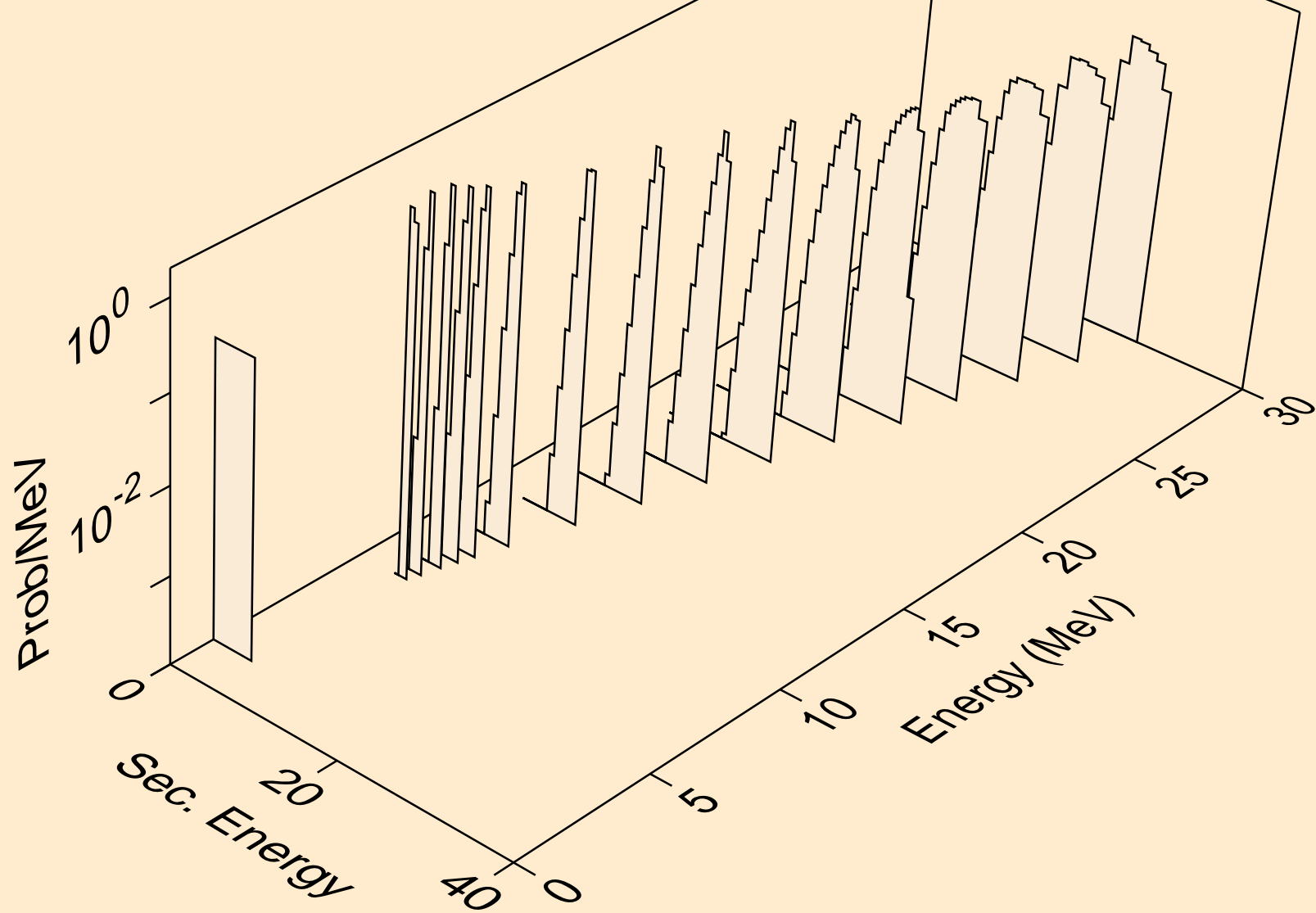
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



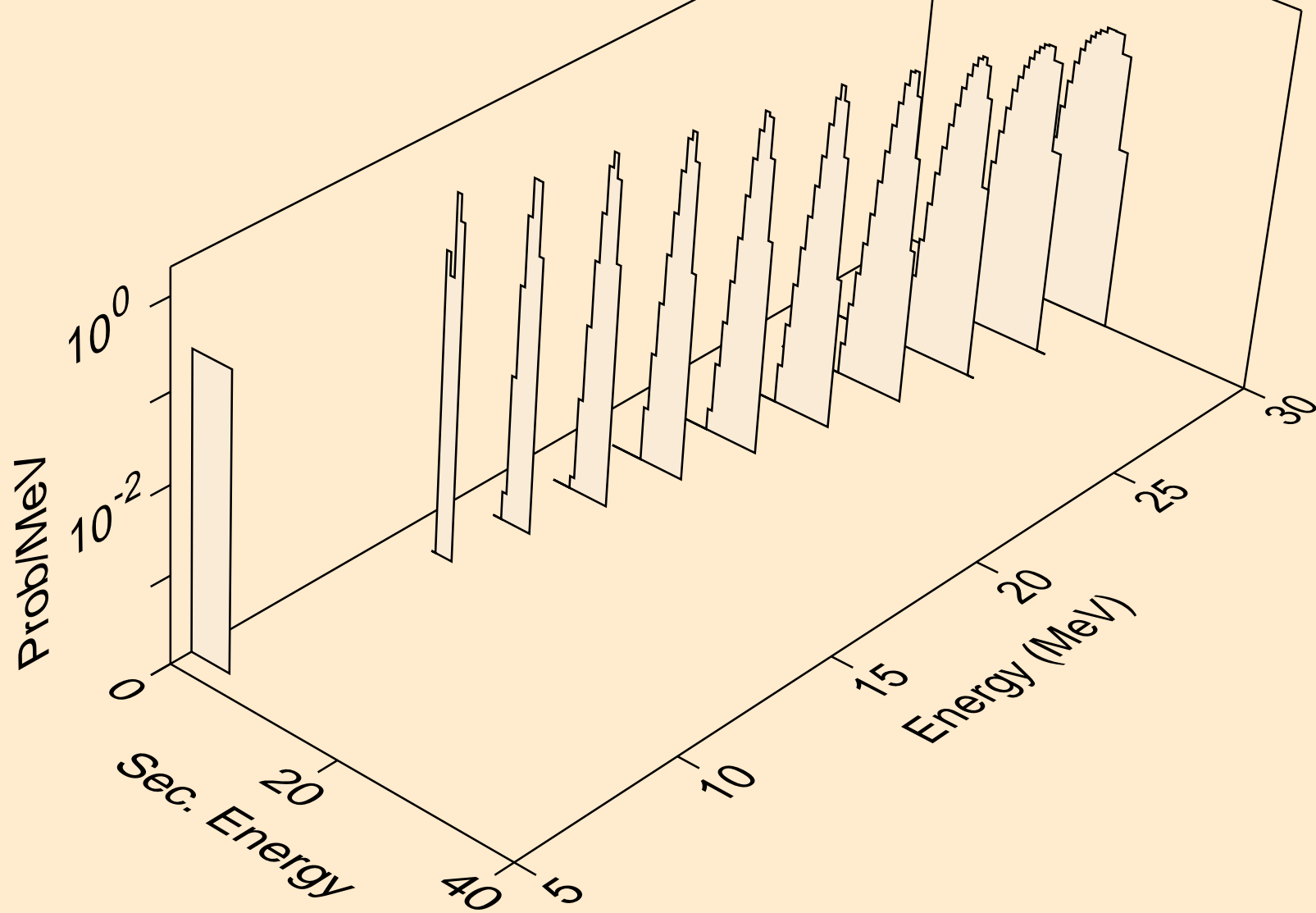
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



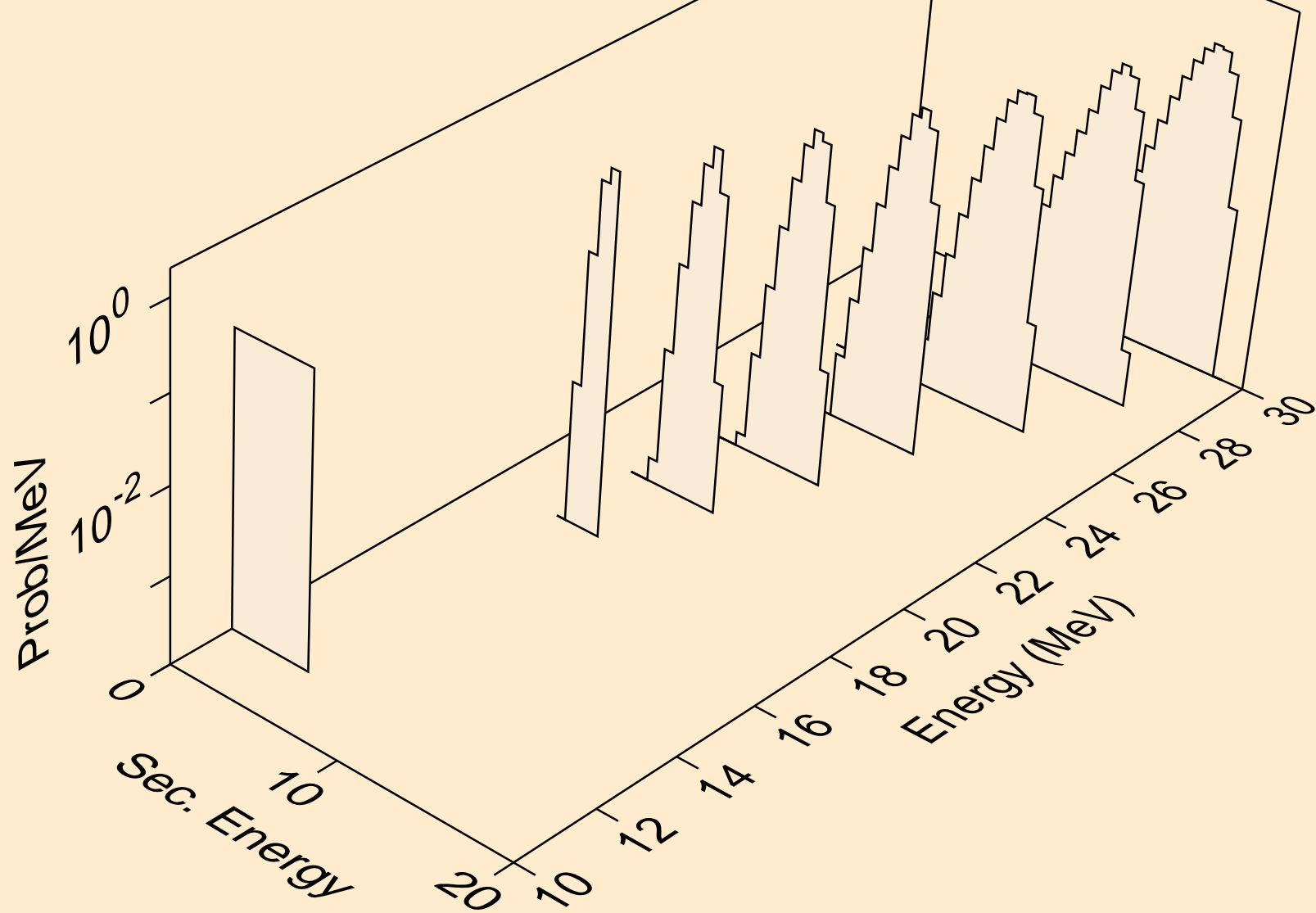
ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



ER177 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

