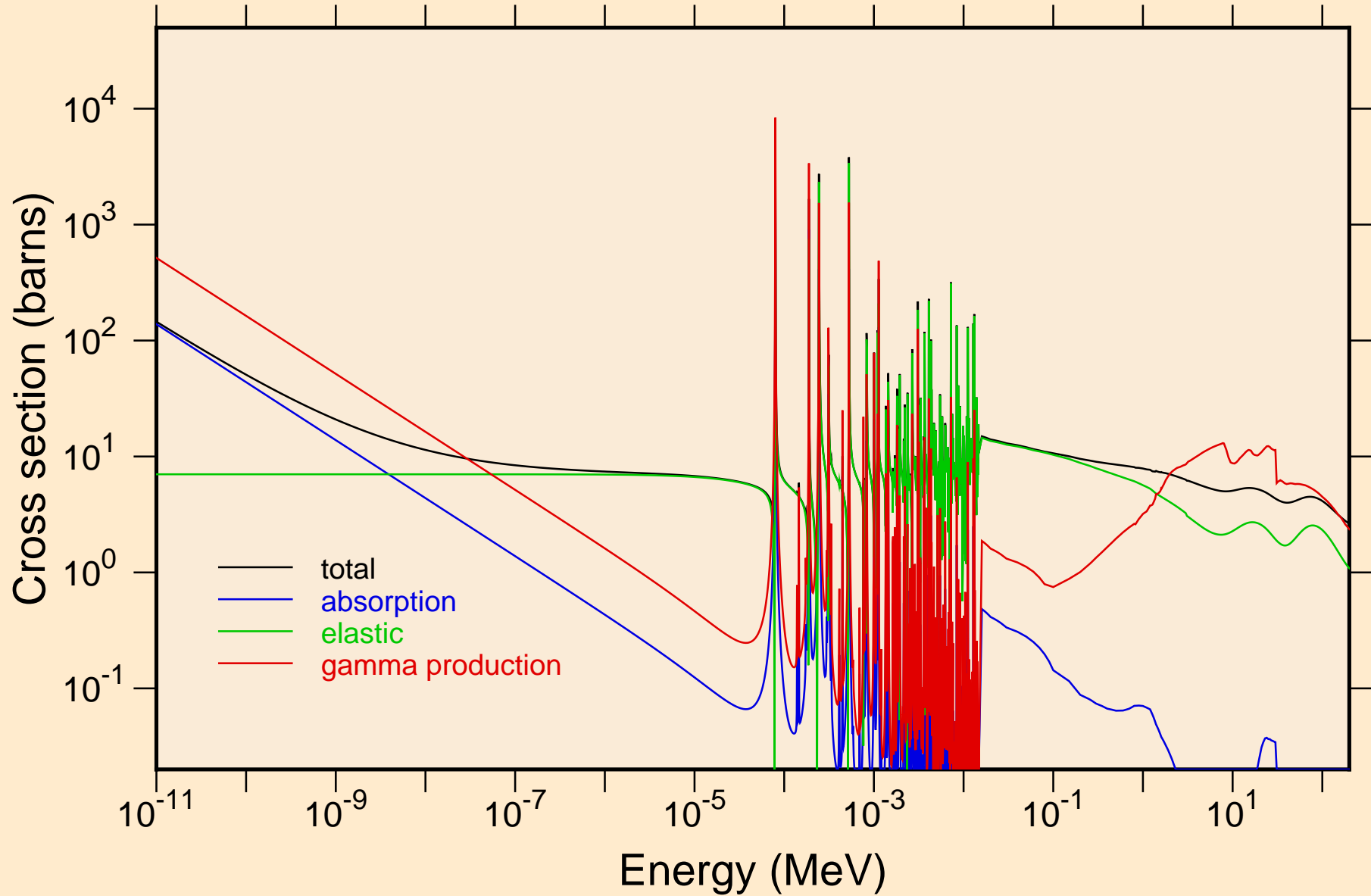
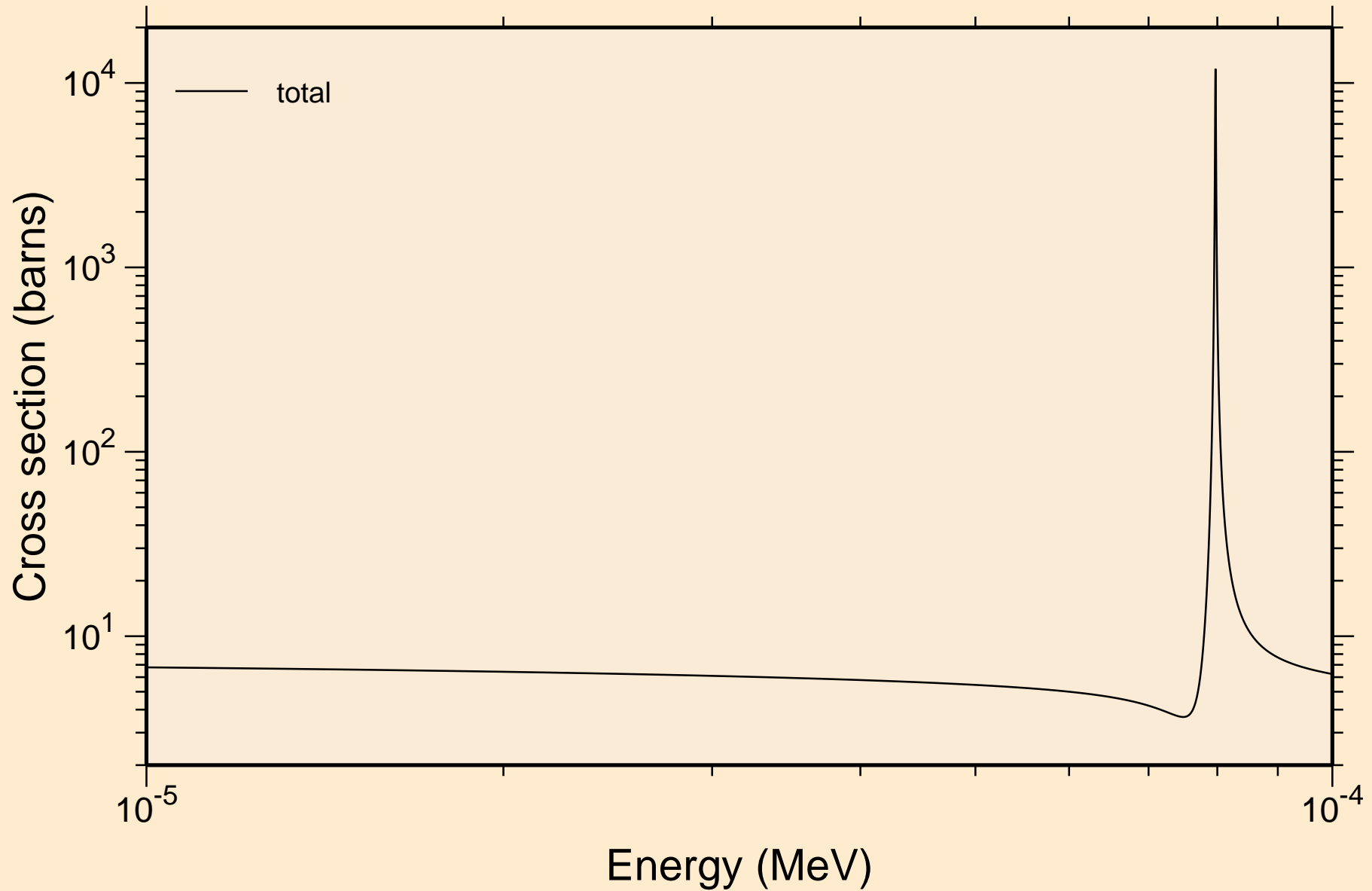


# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

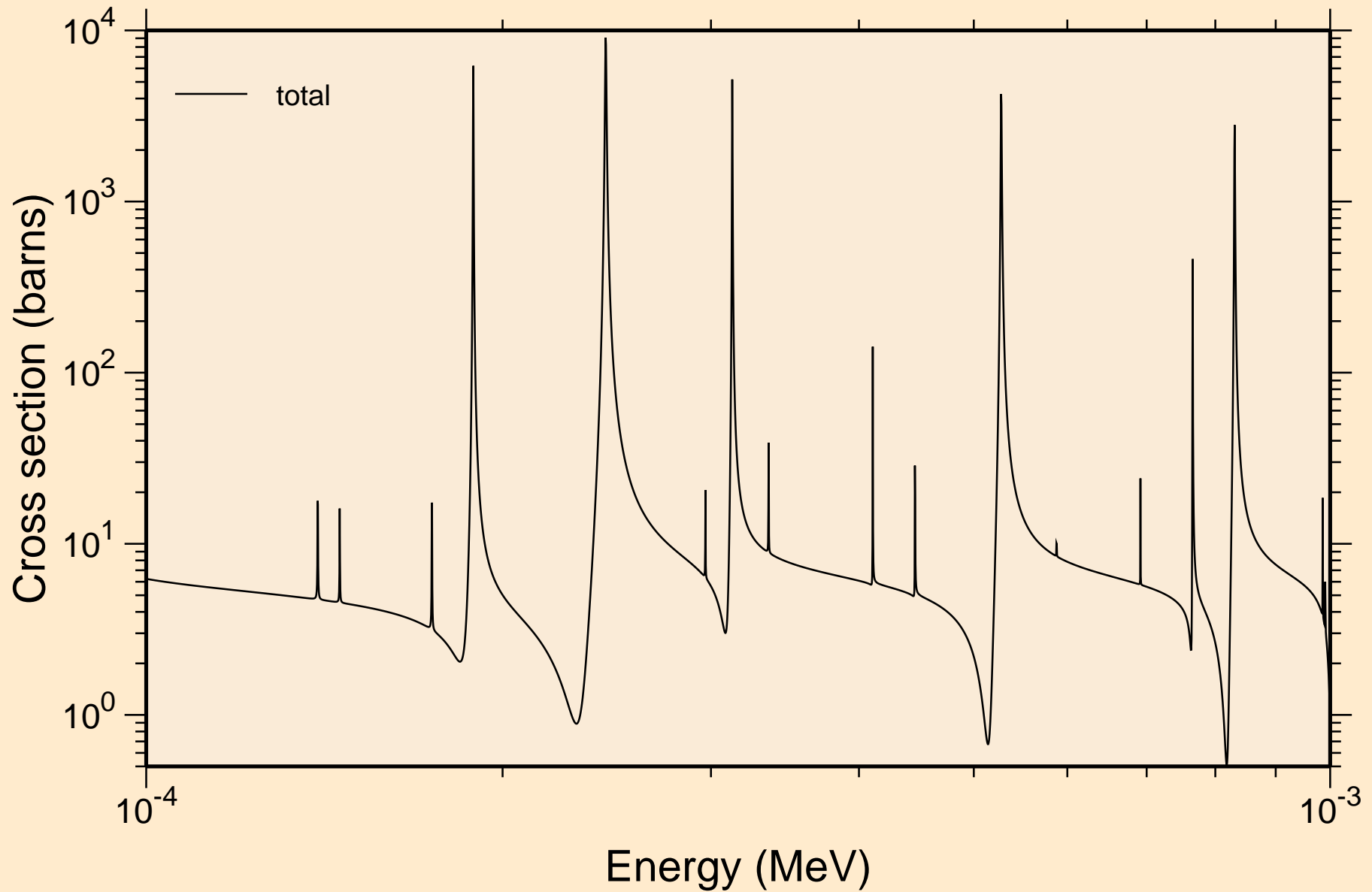
## Principal cross sections



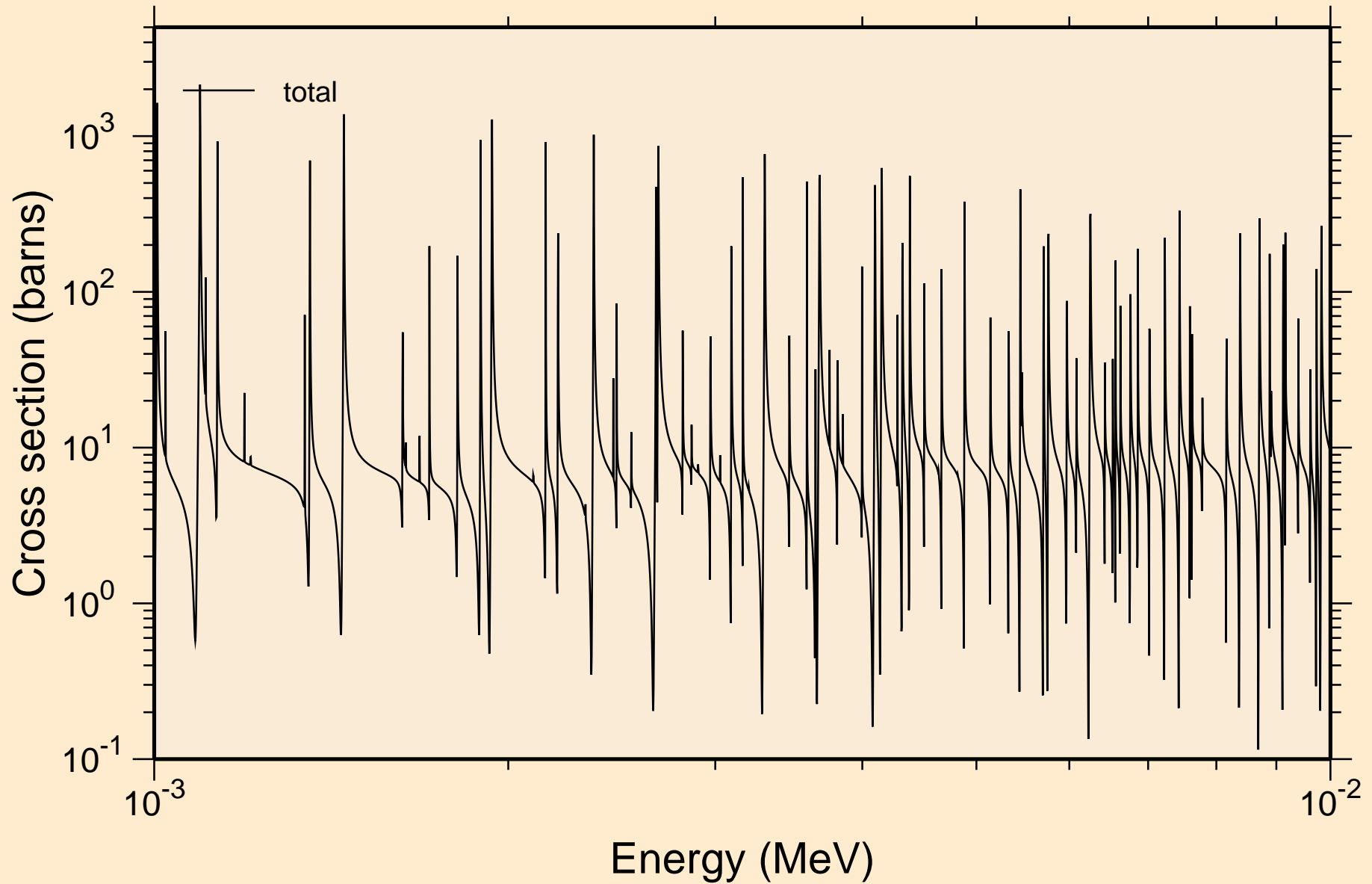
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



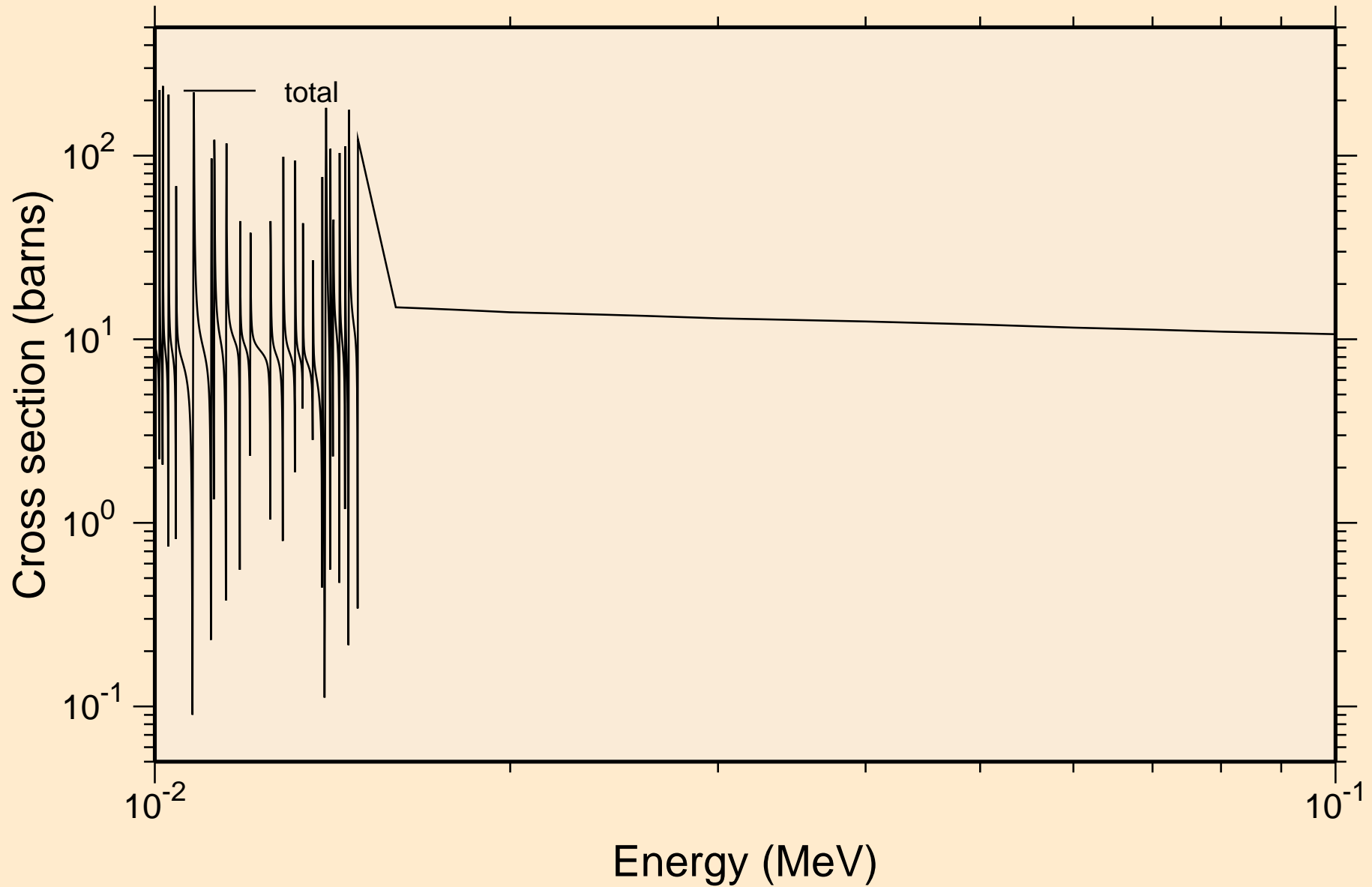
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



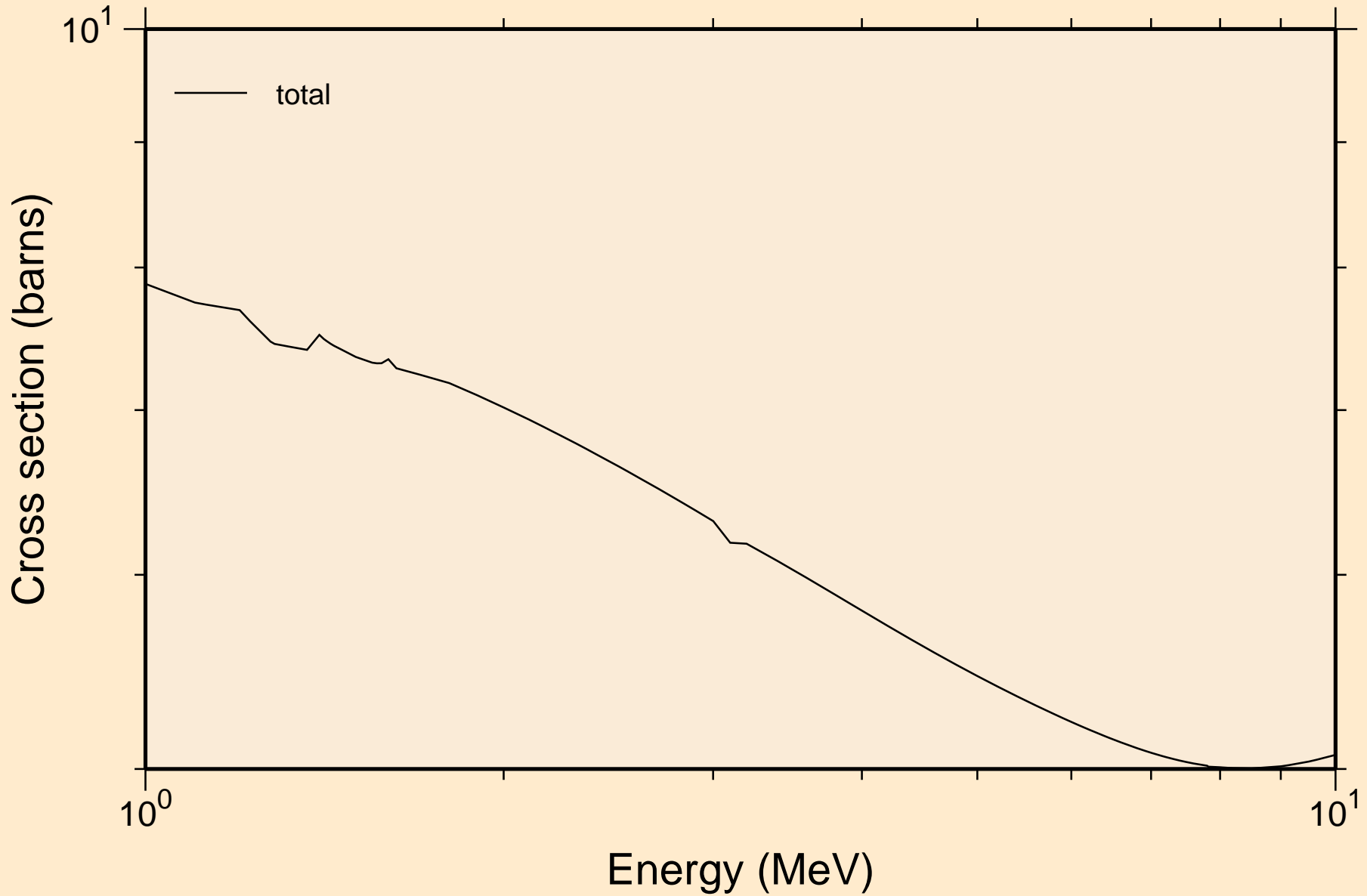
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



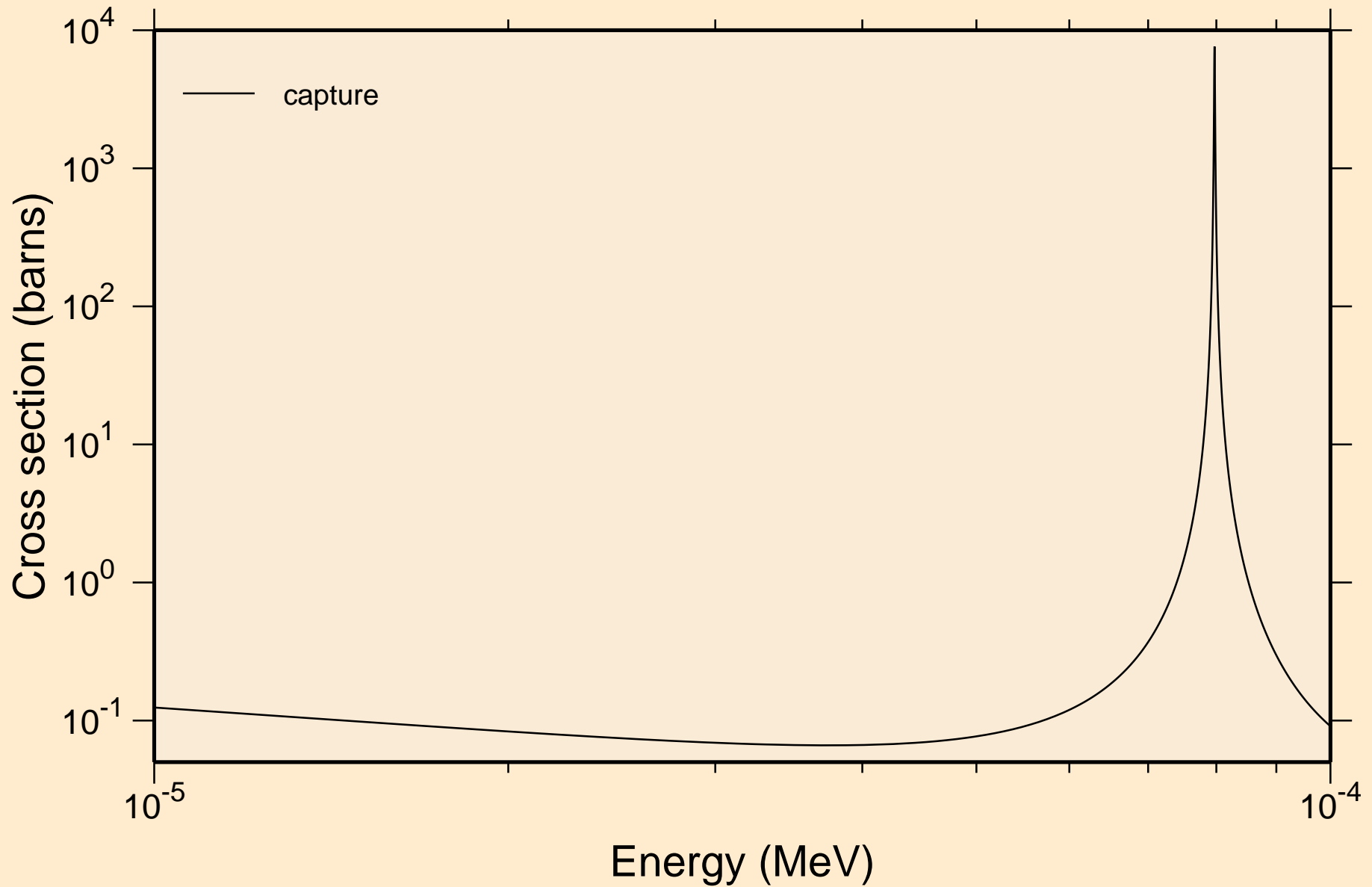
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



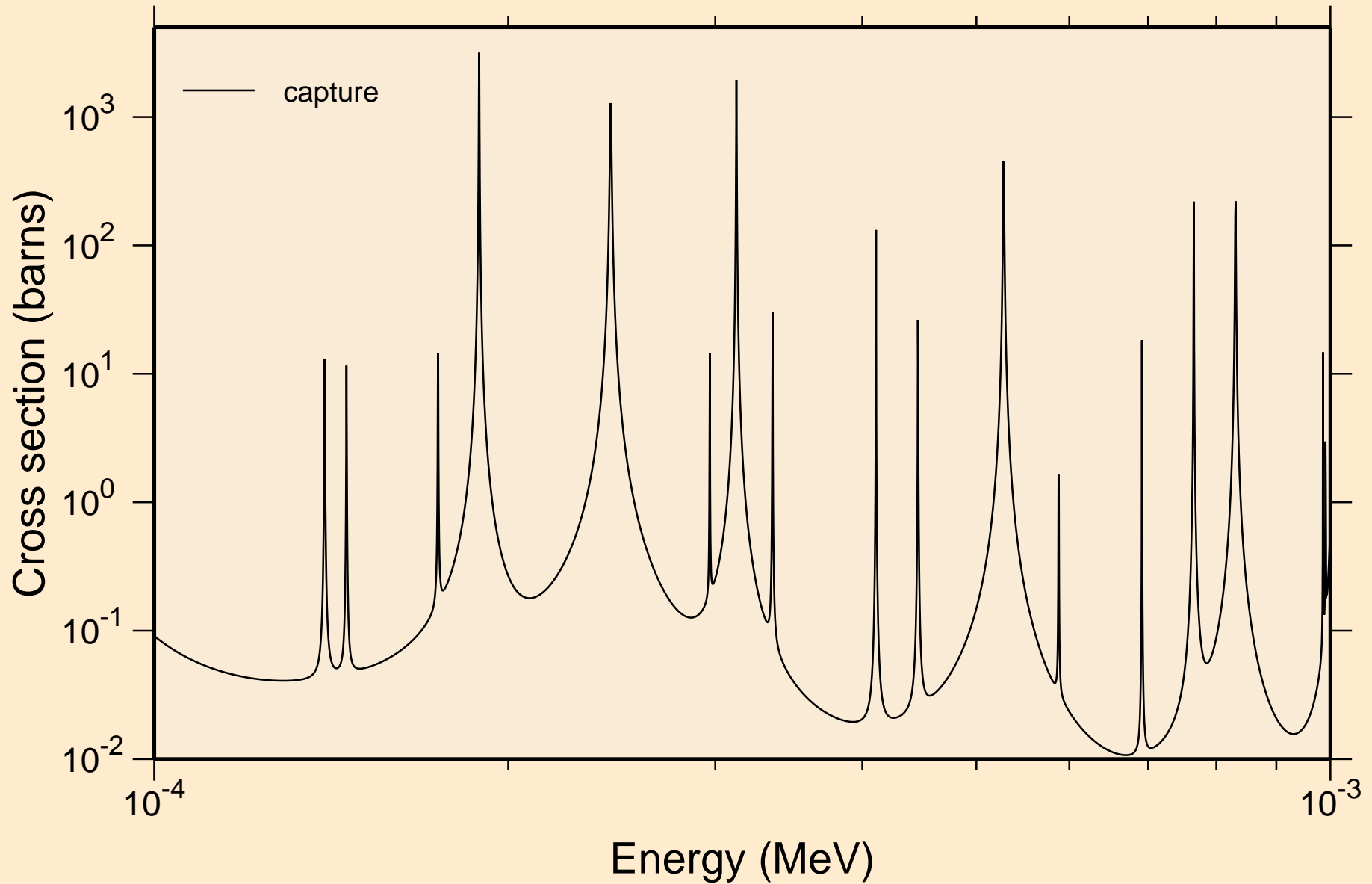
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

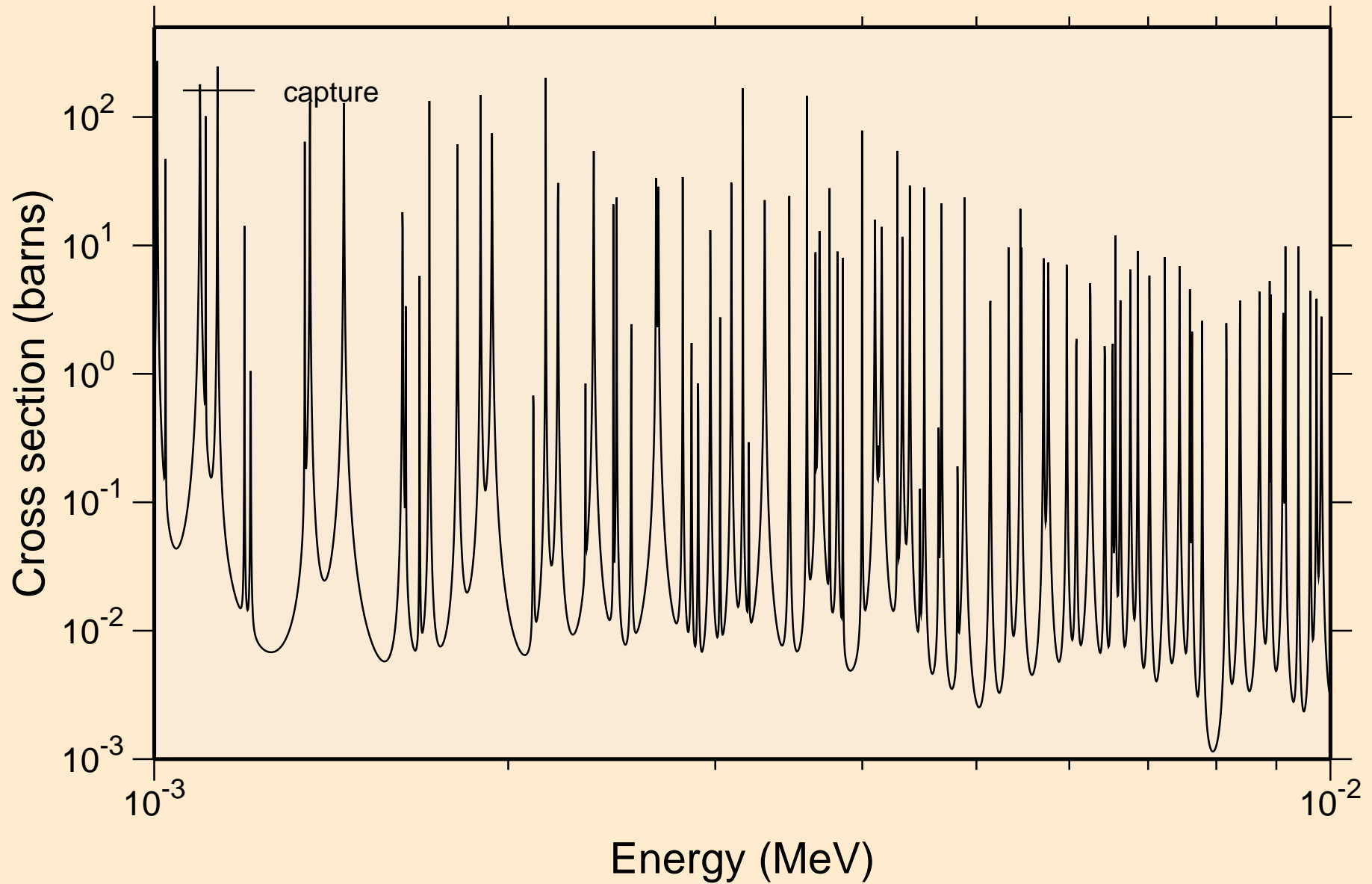


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

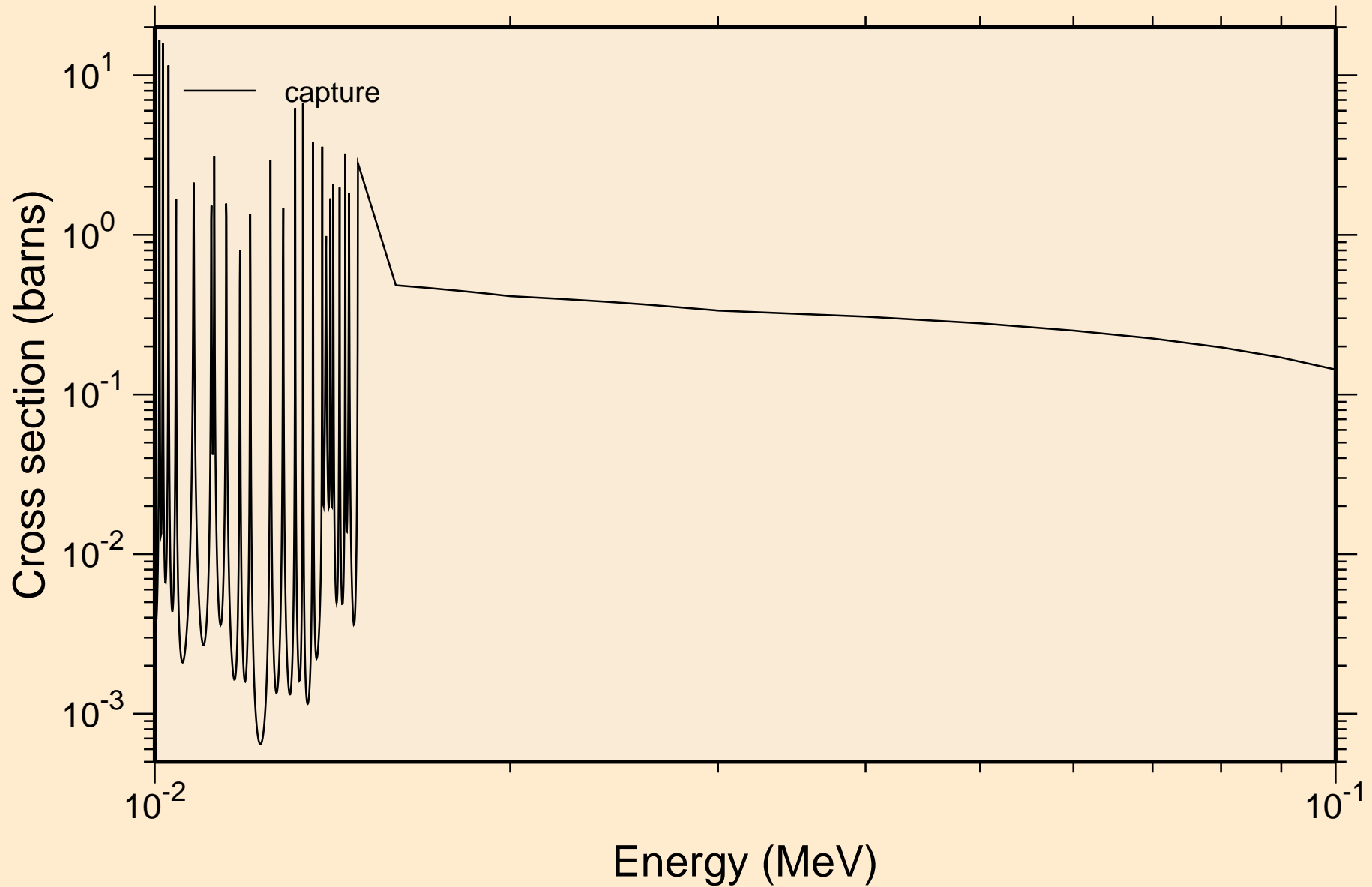




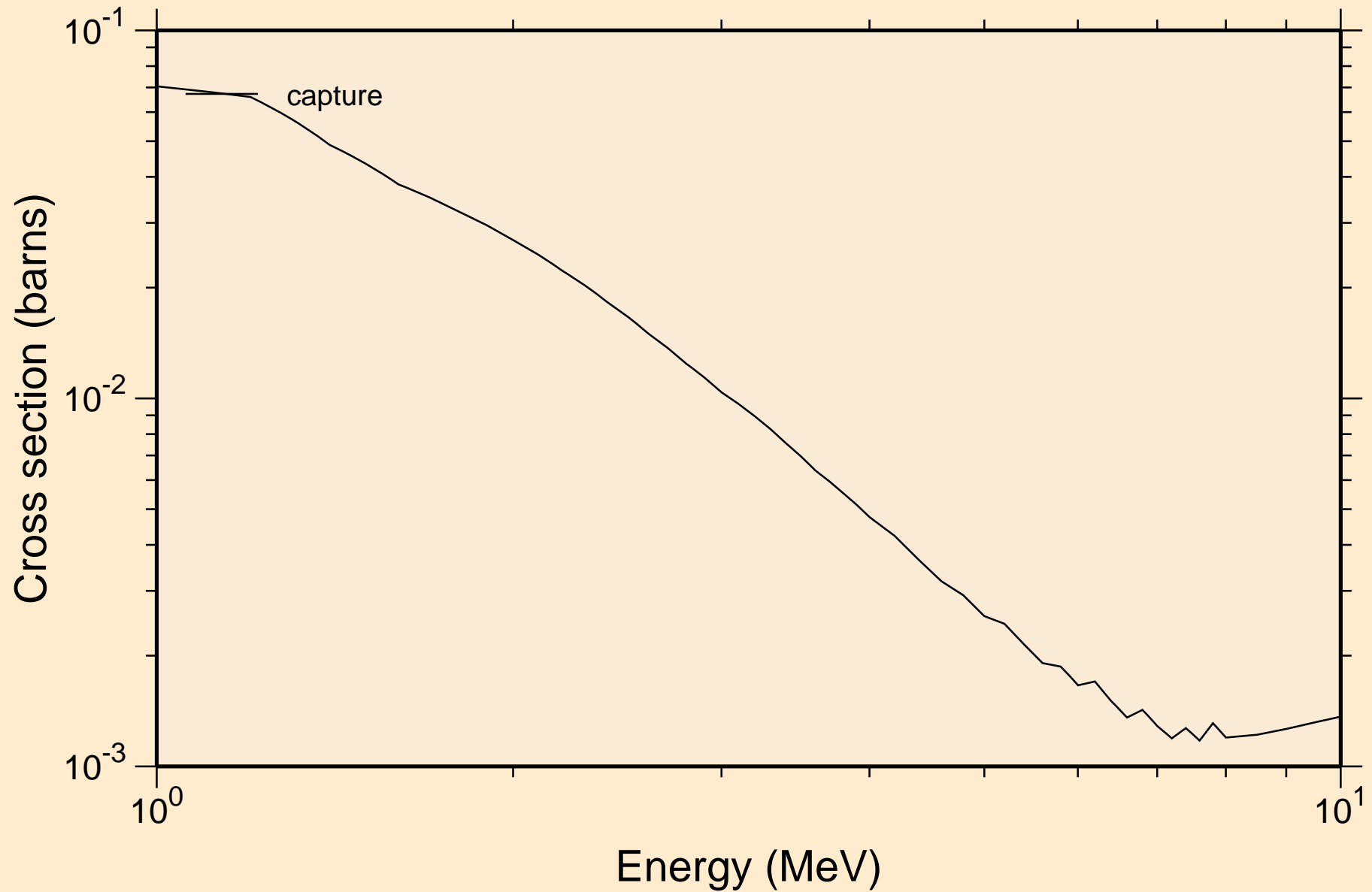
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

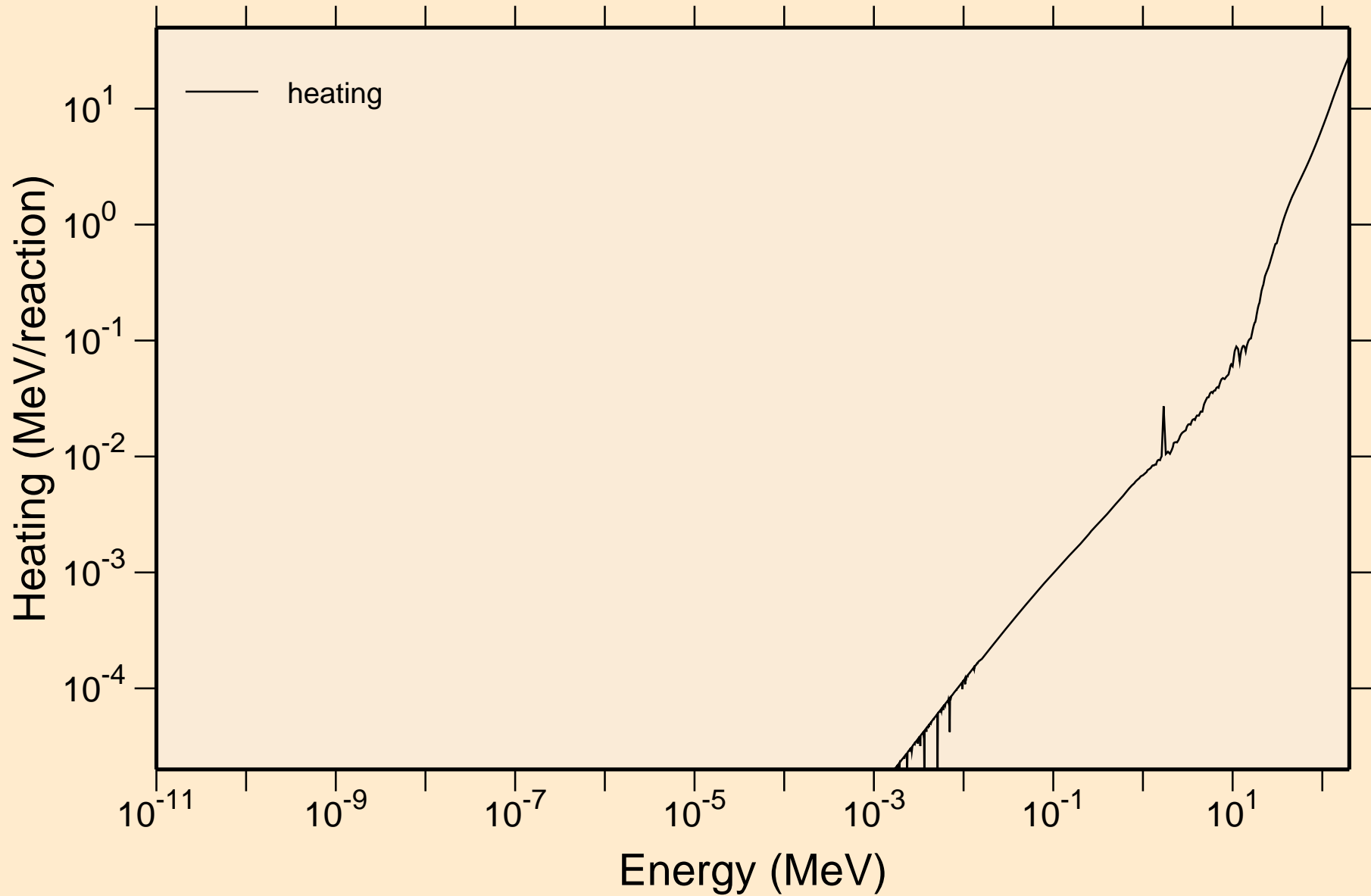


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



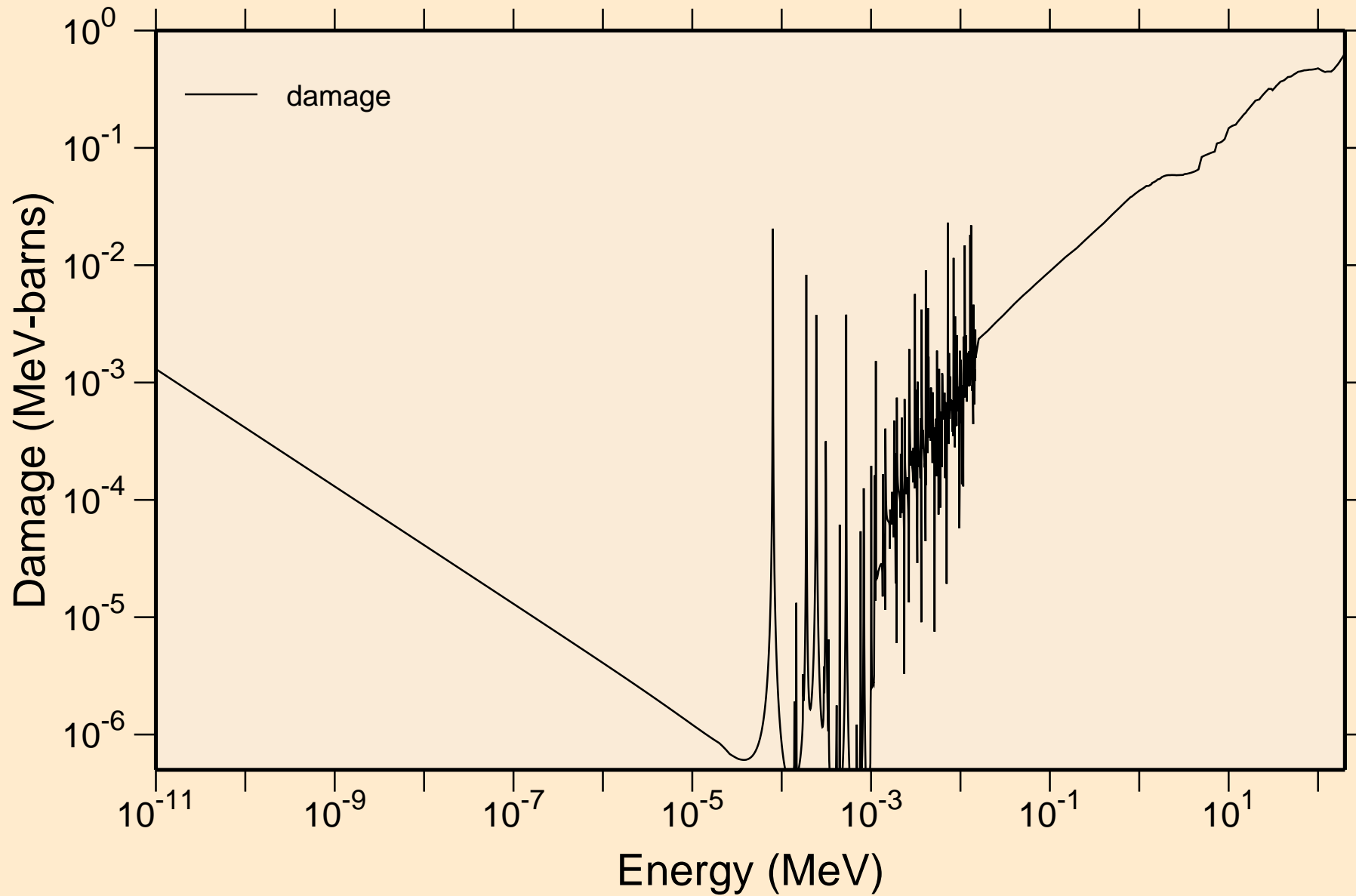
# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

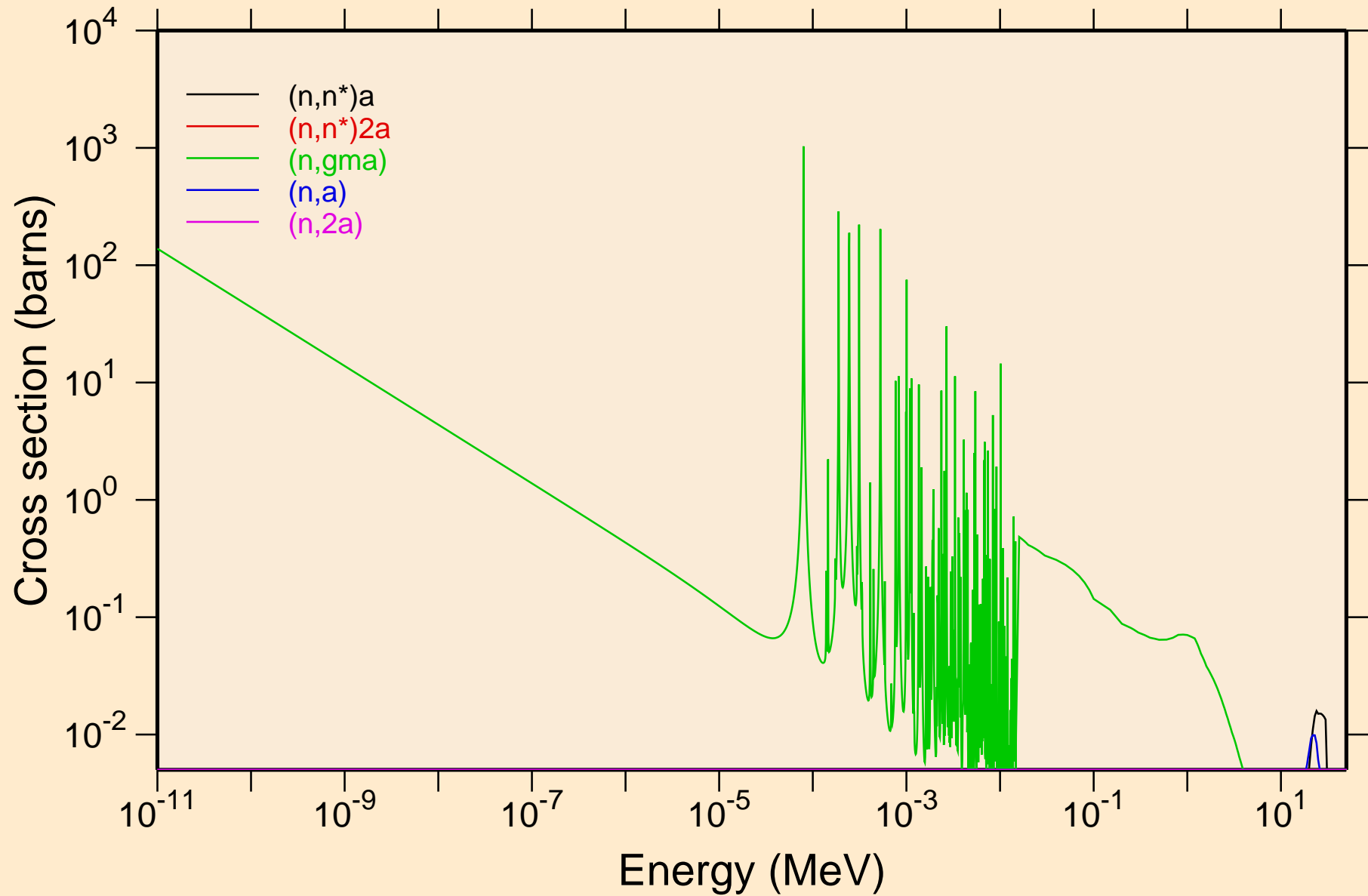


# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

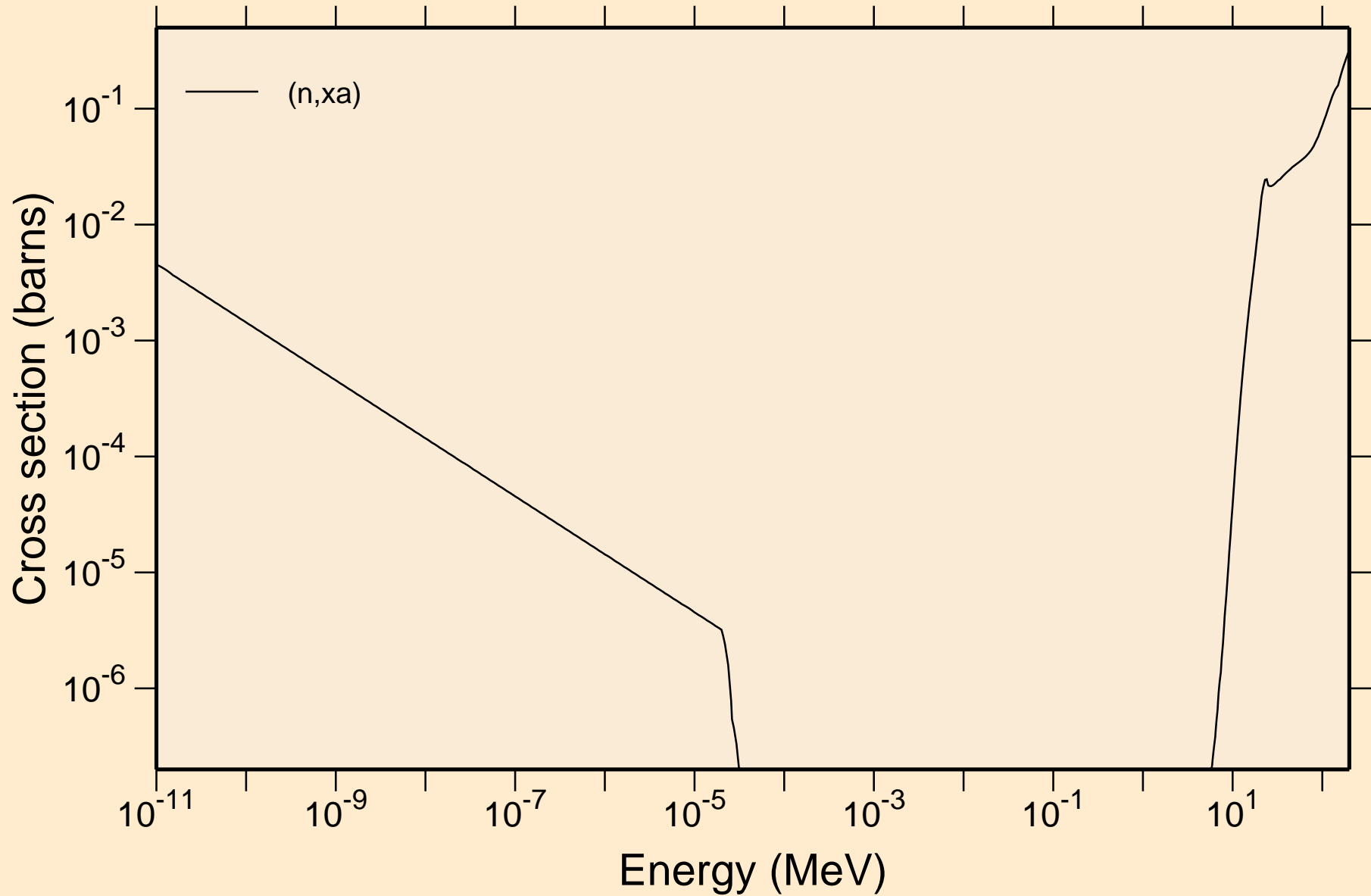
## Damage



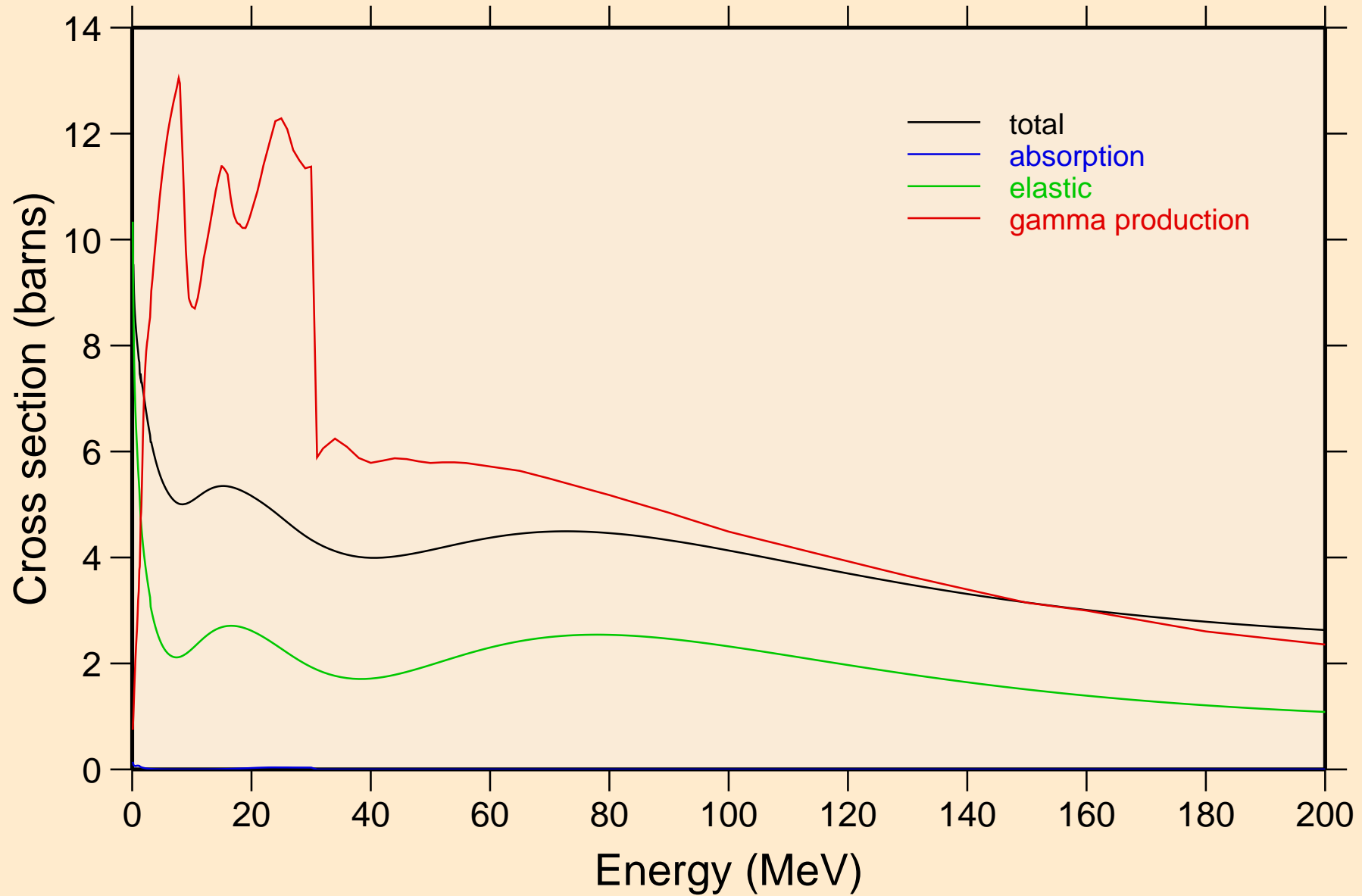
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



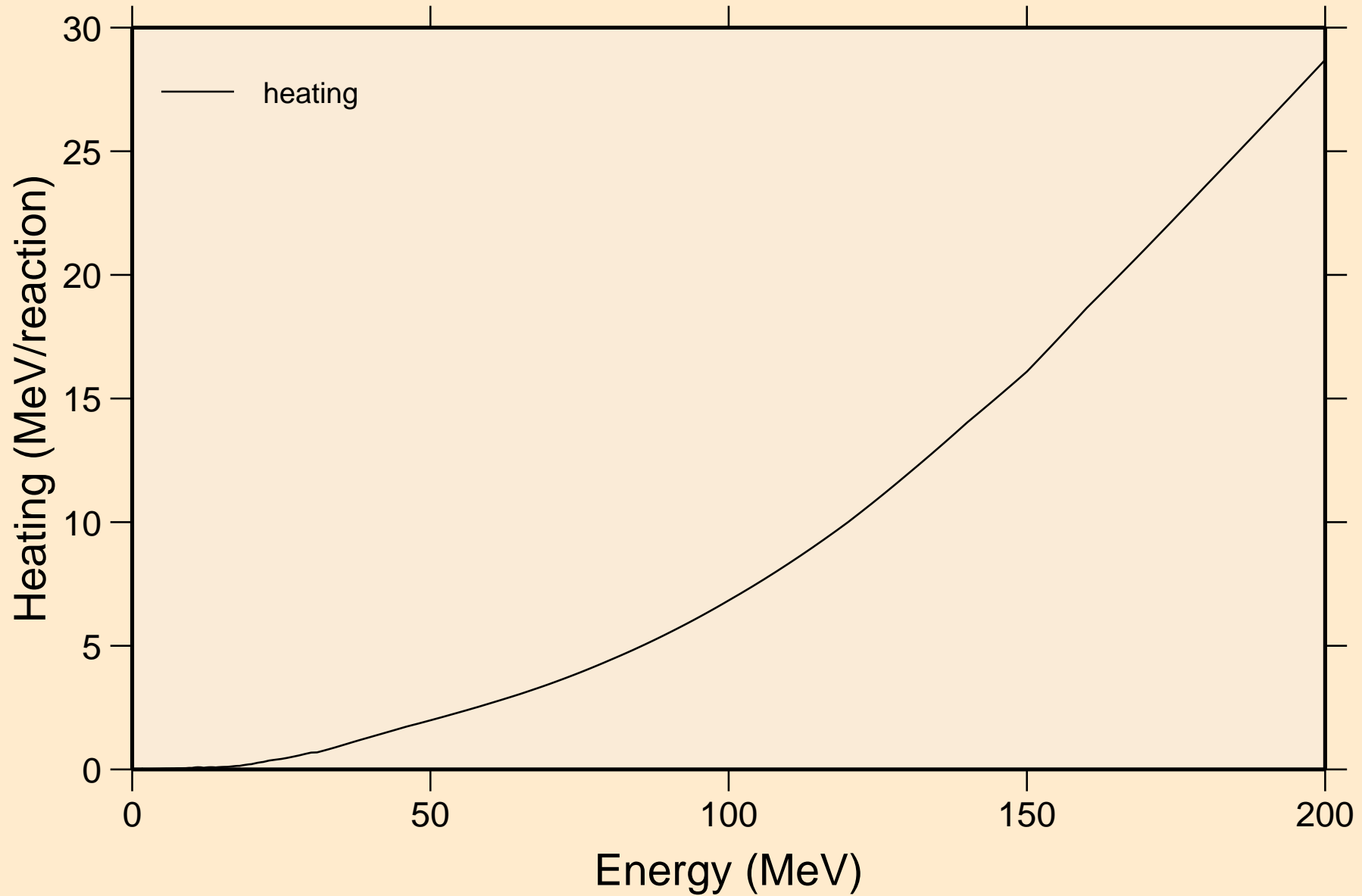
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections





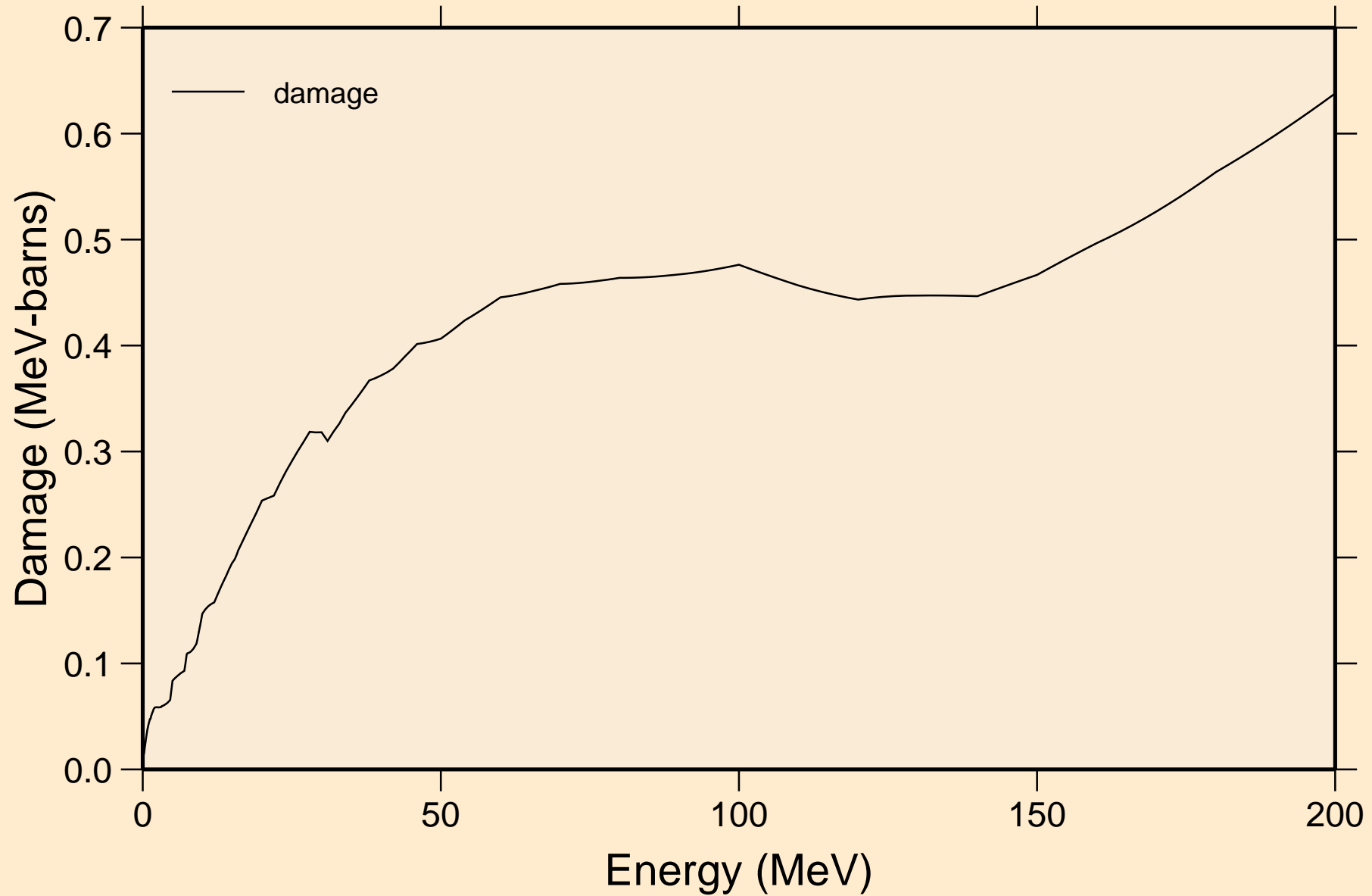
# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



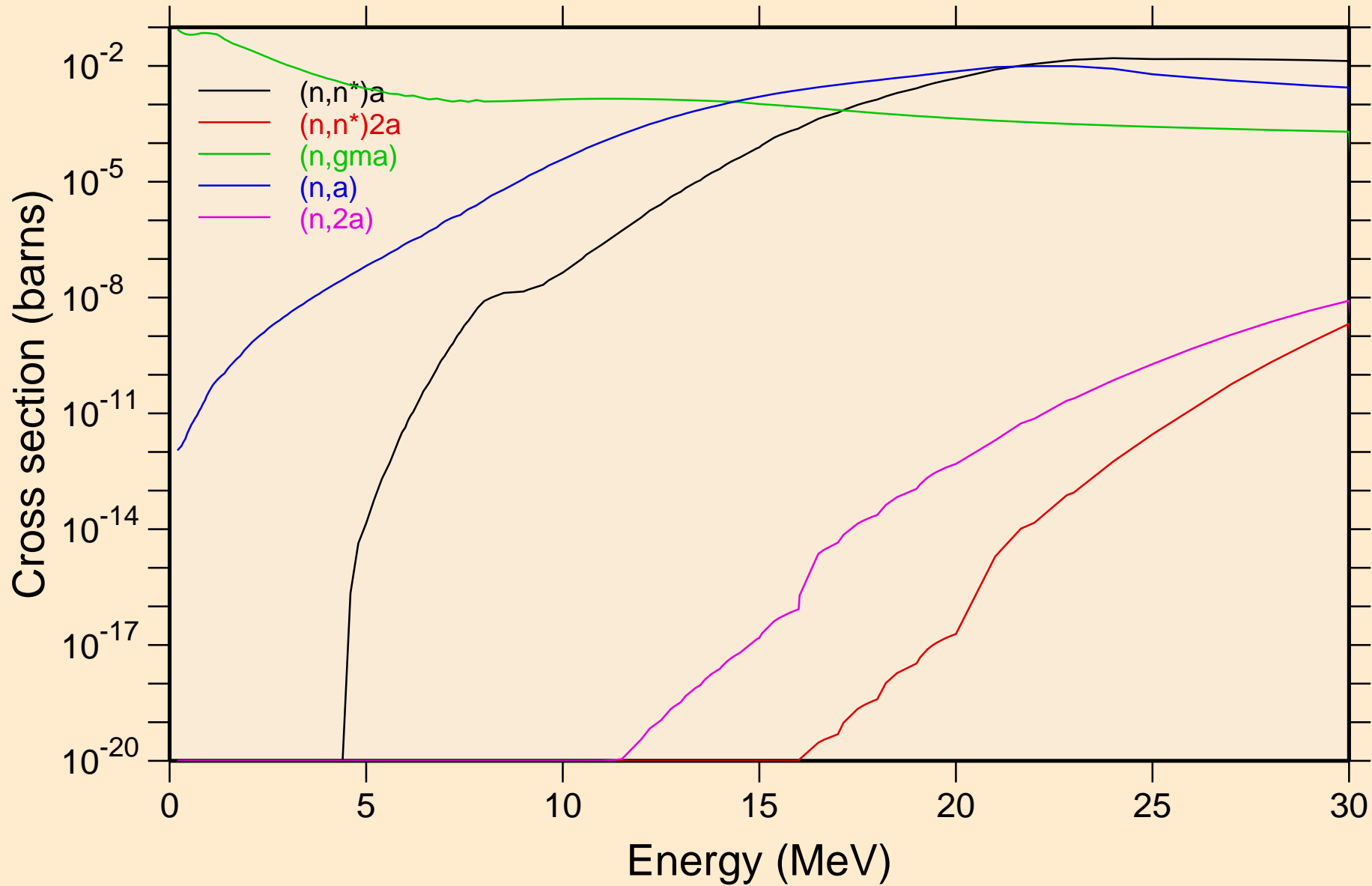
# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

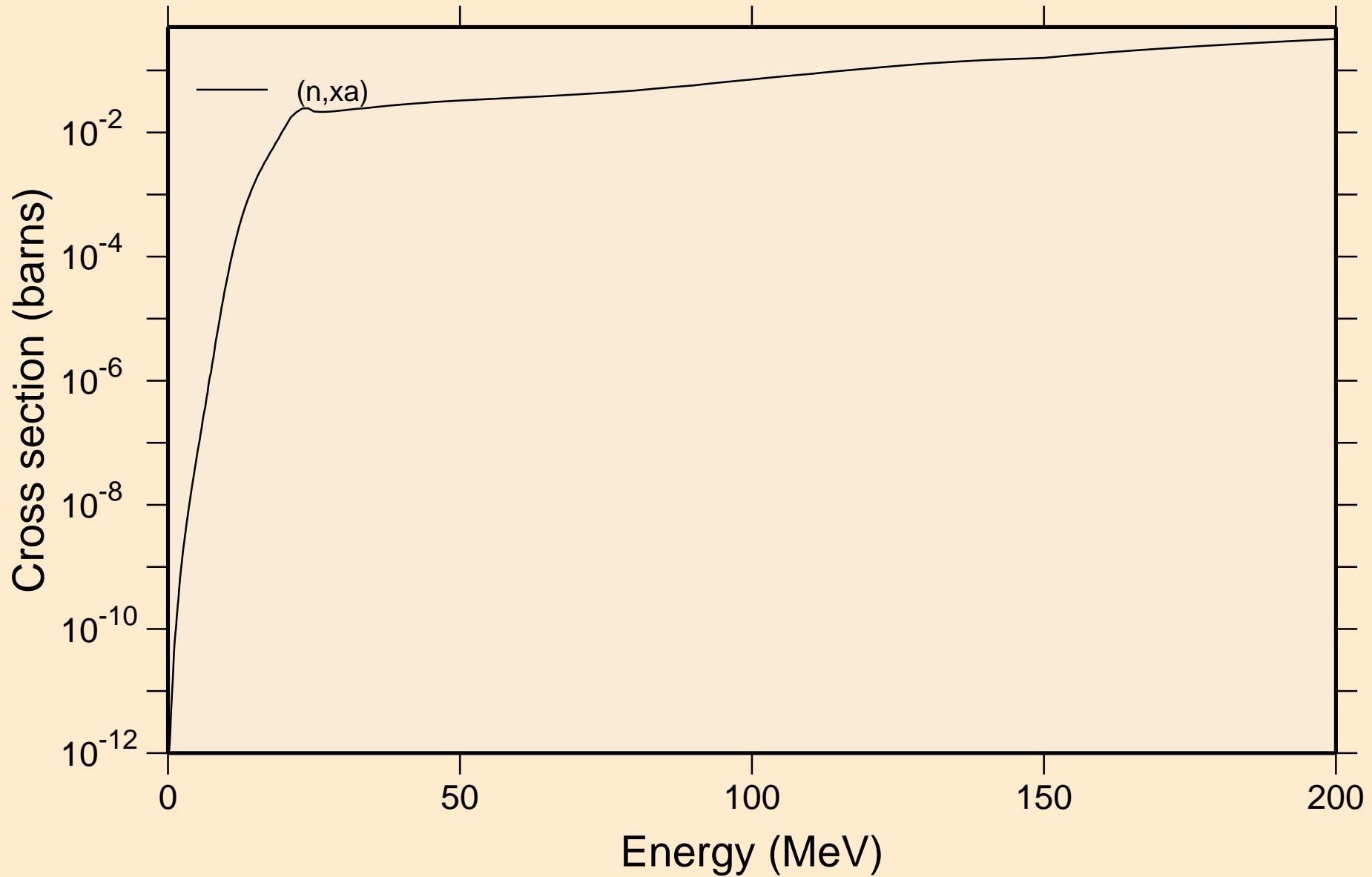


# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

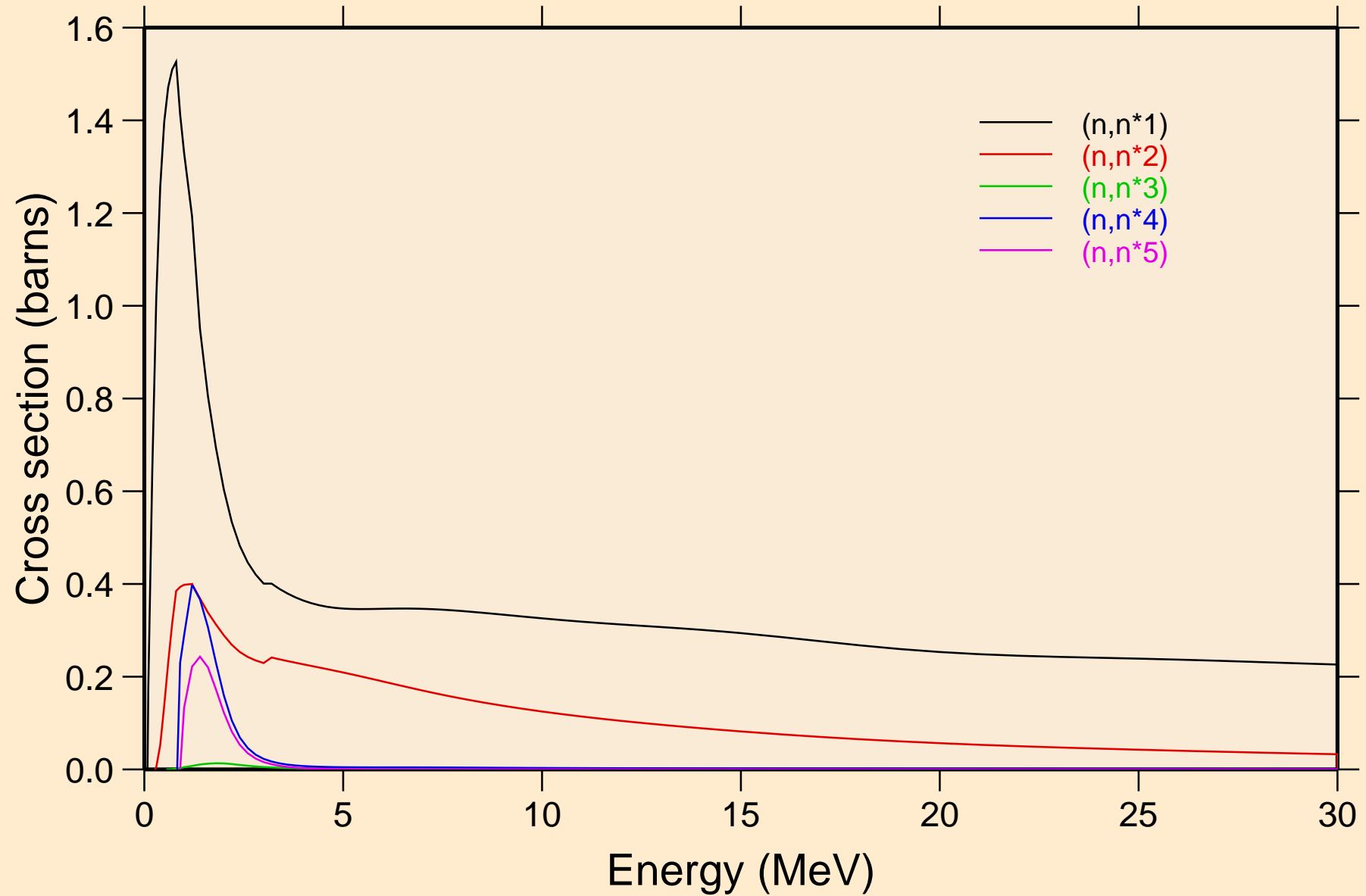
## Non-threshold reactions



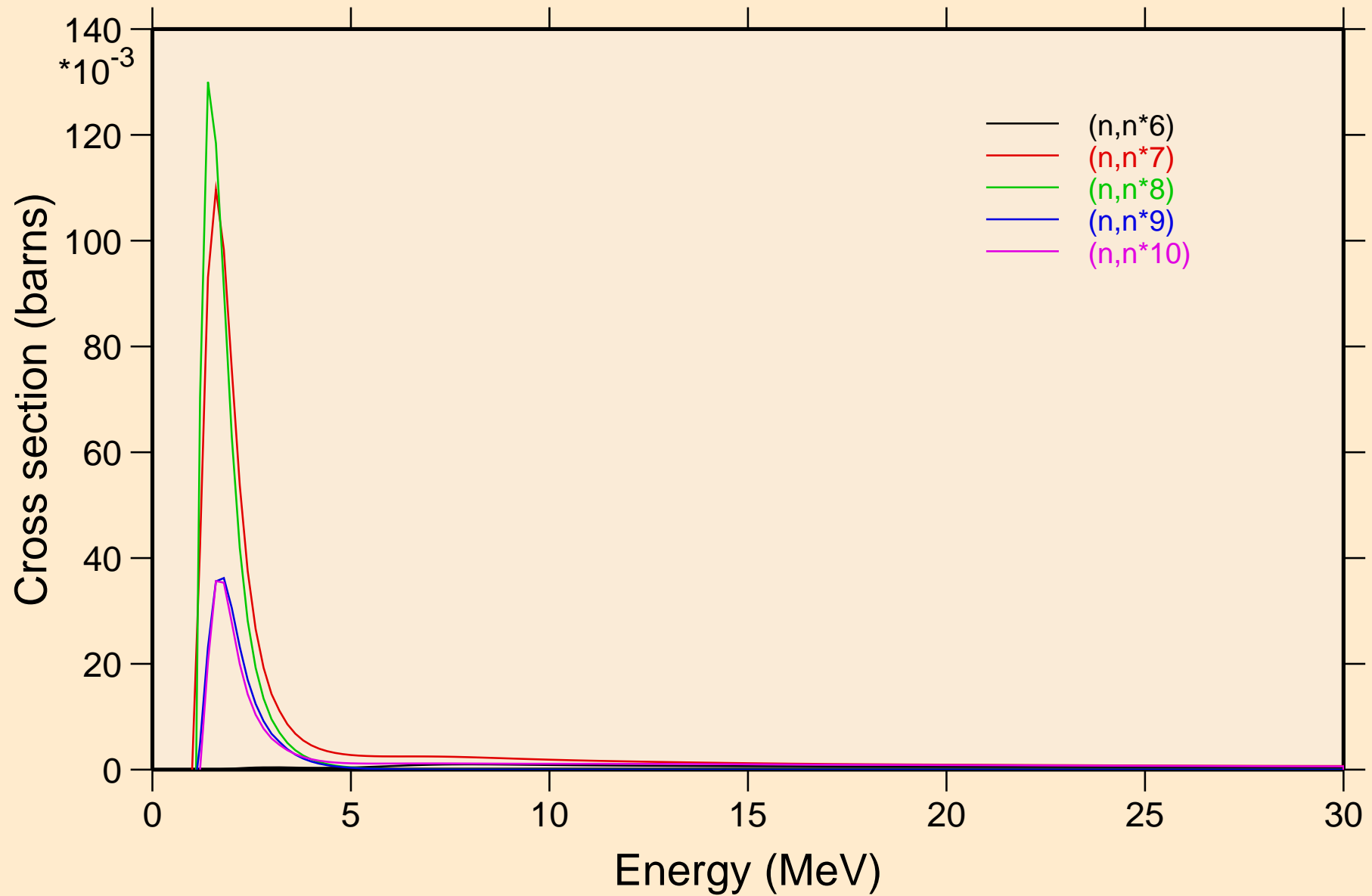
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



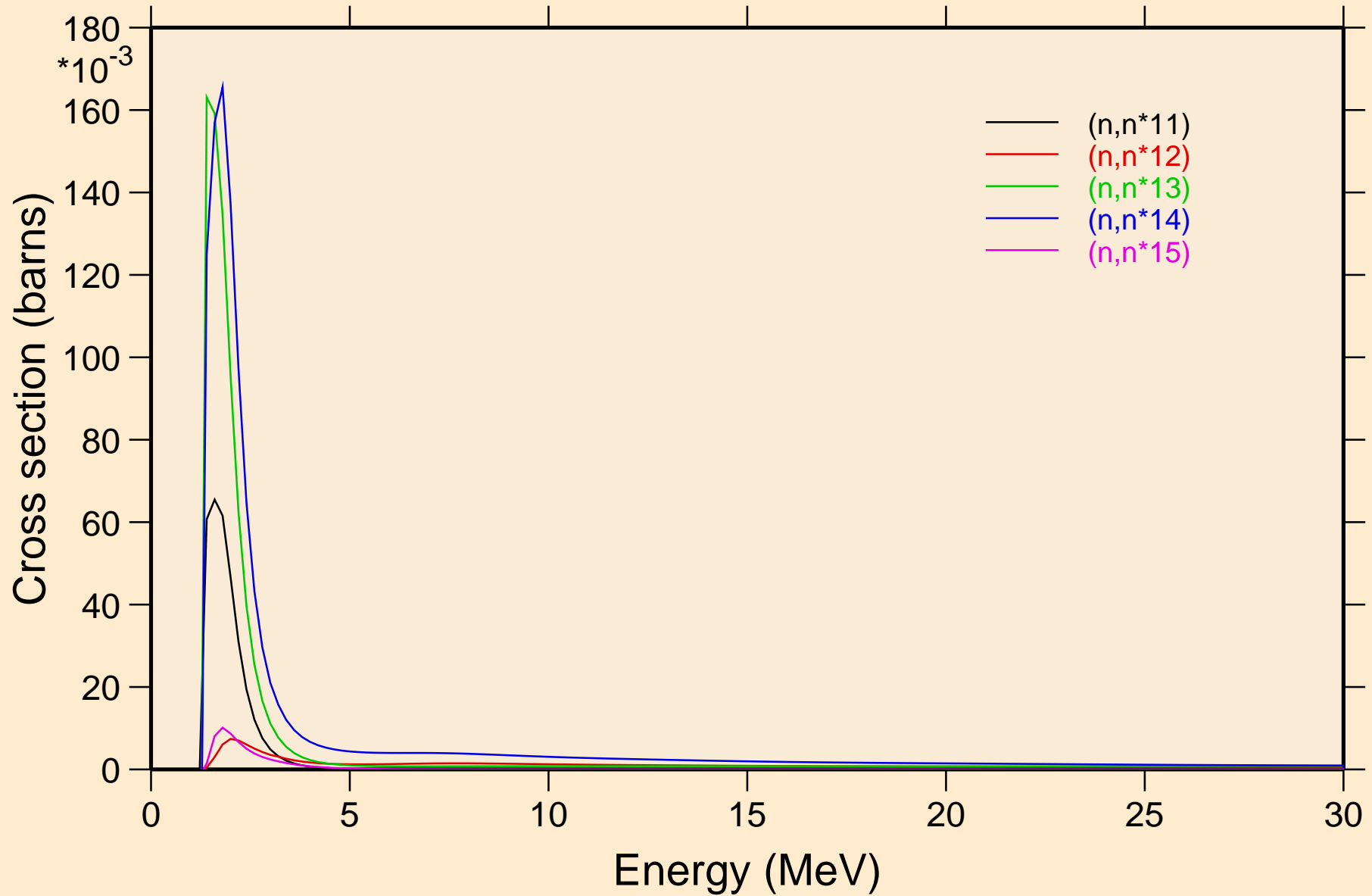
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



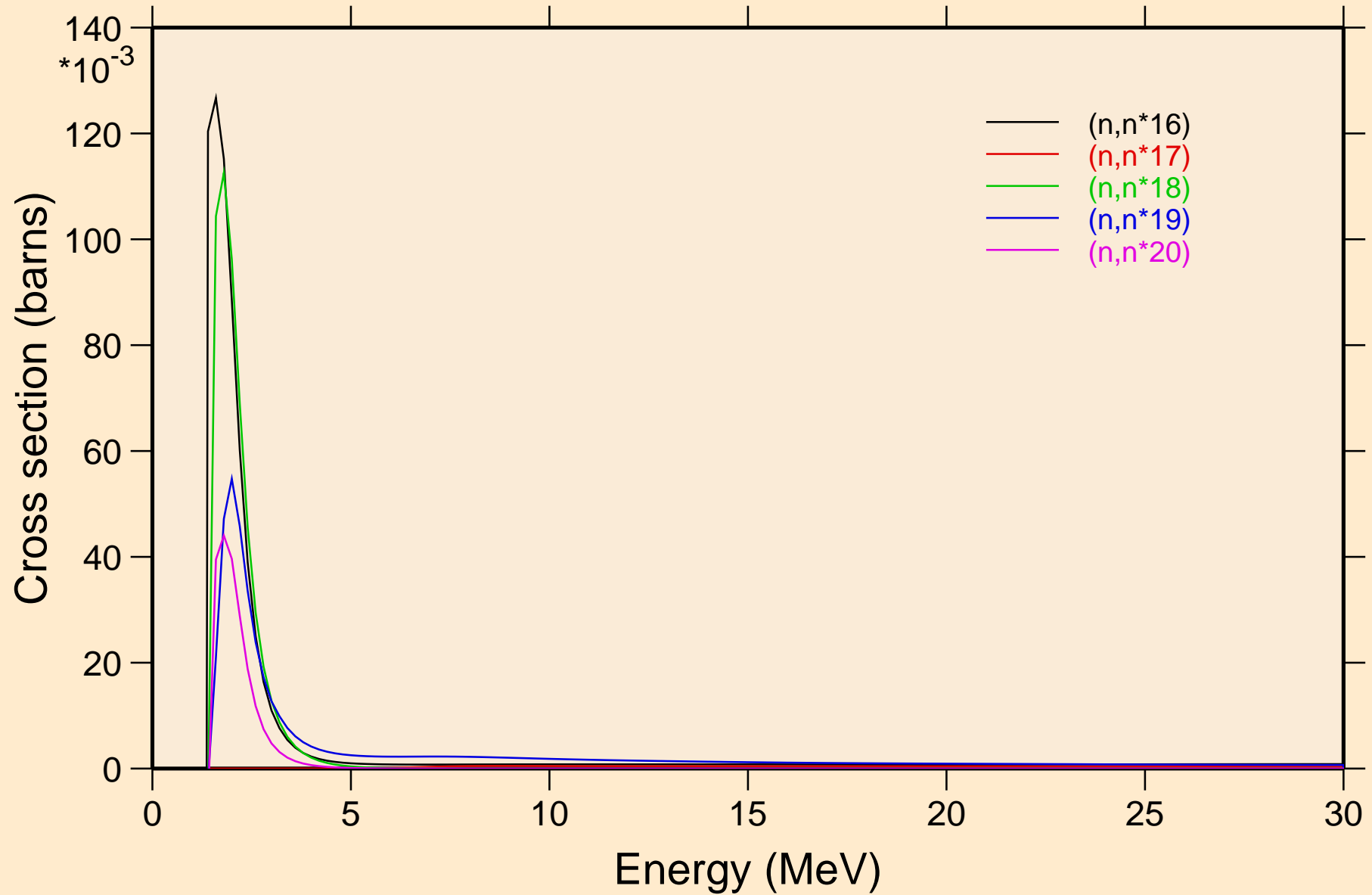
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

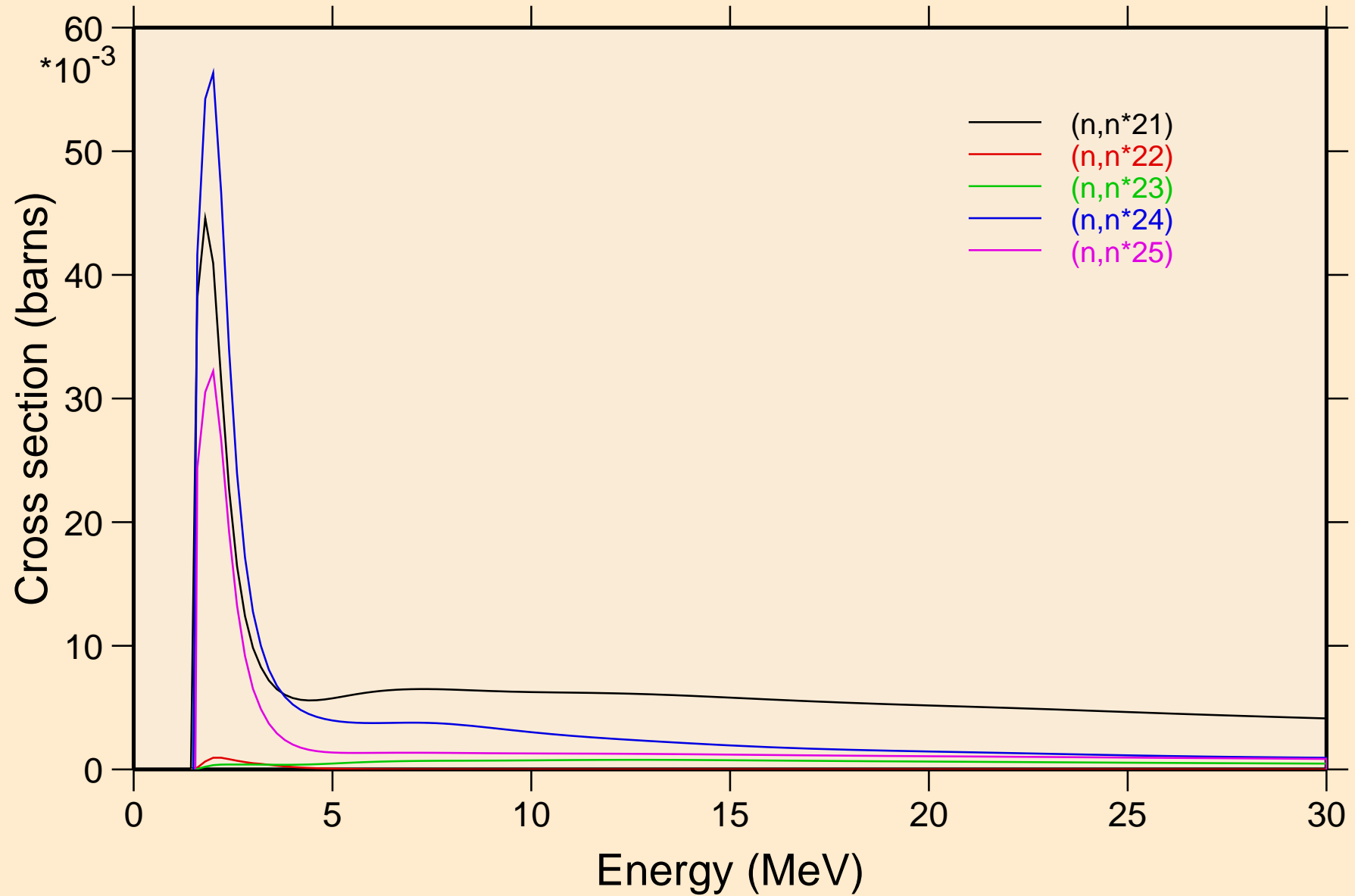


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

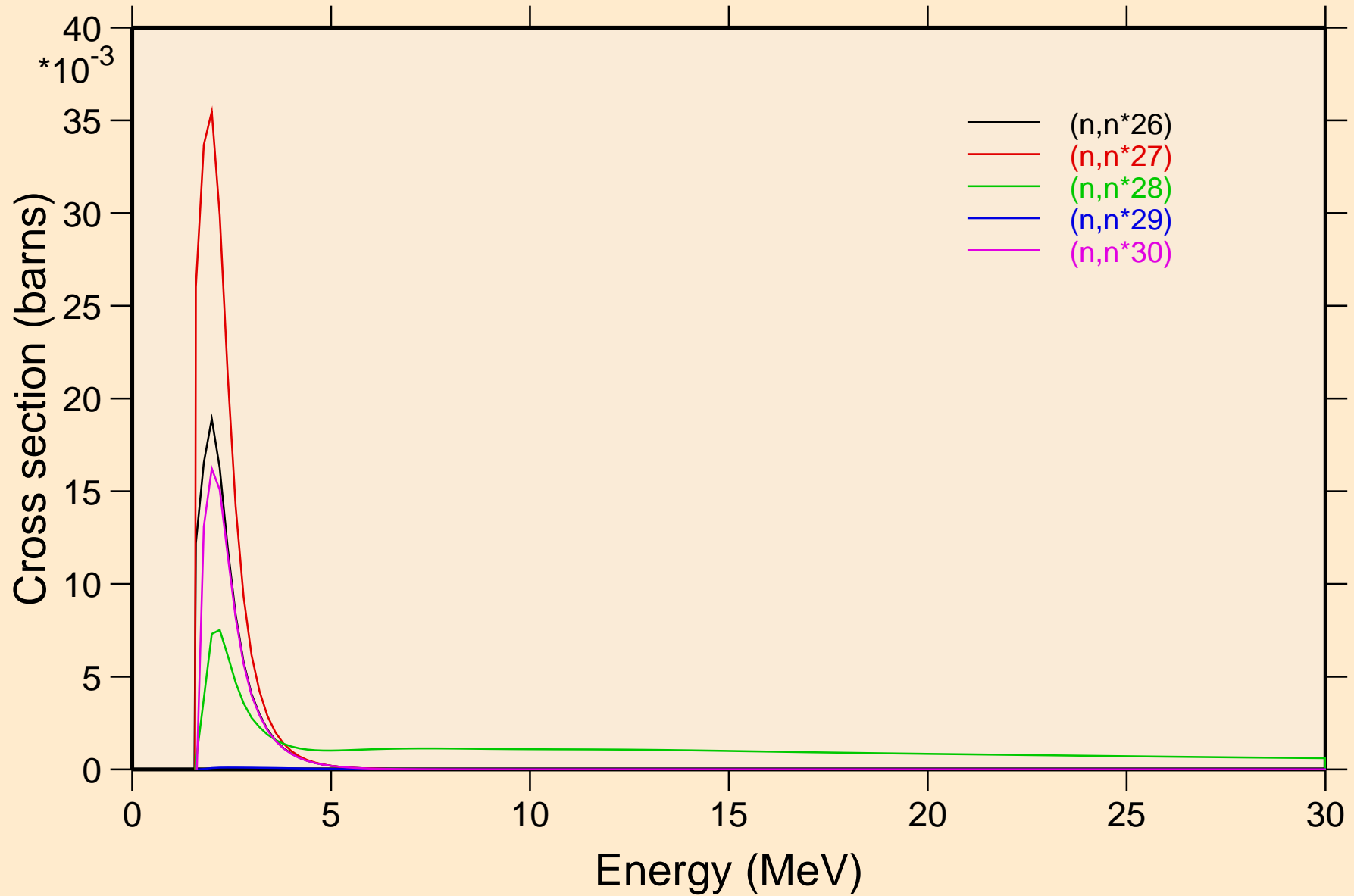




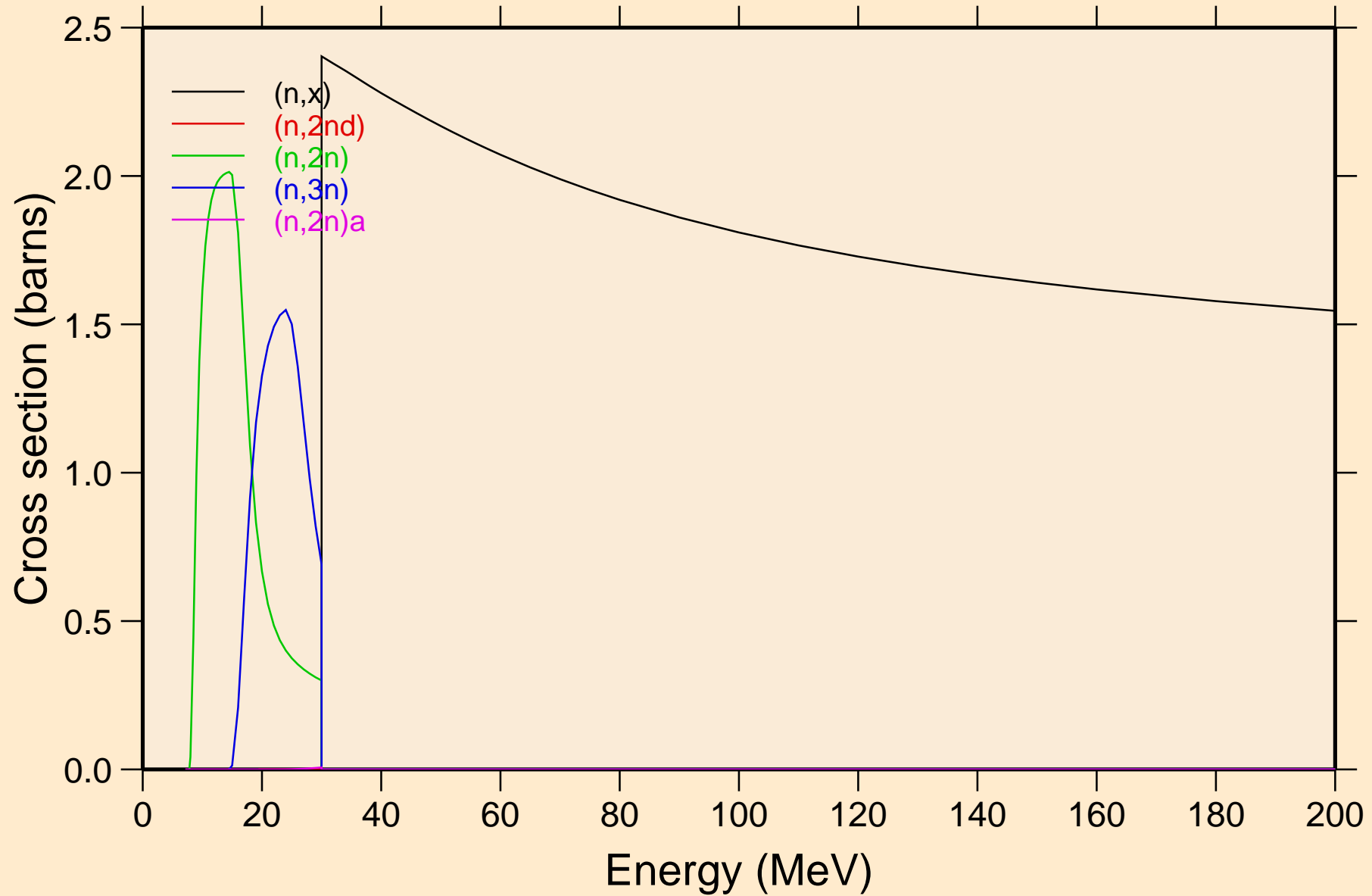
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



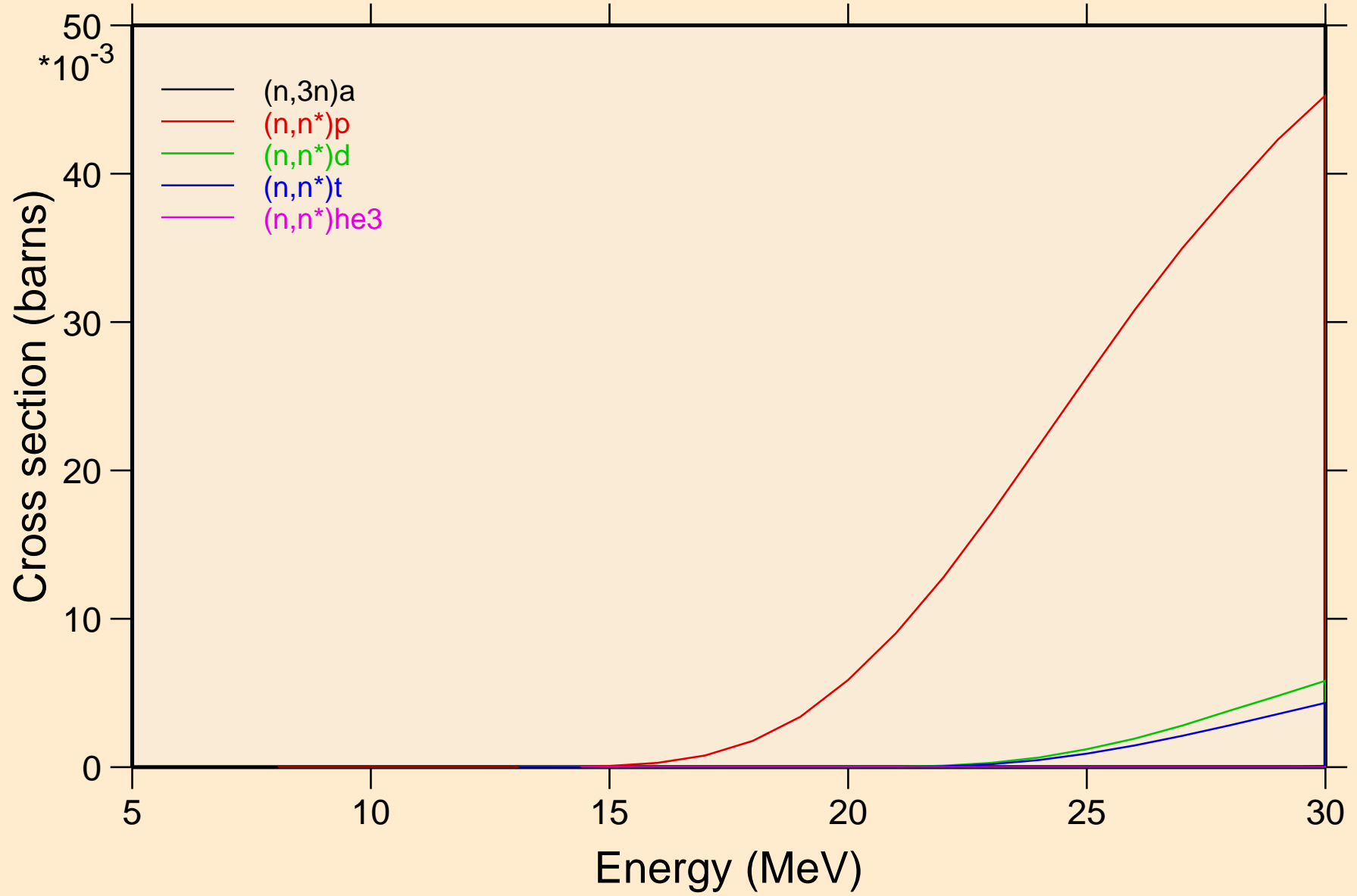
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



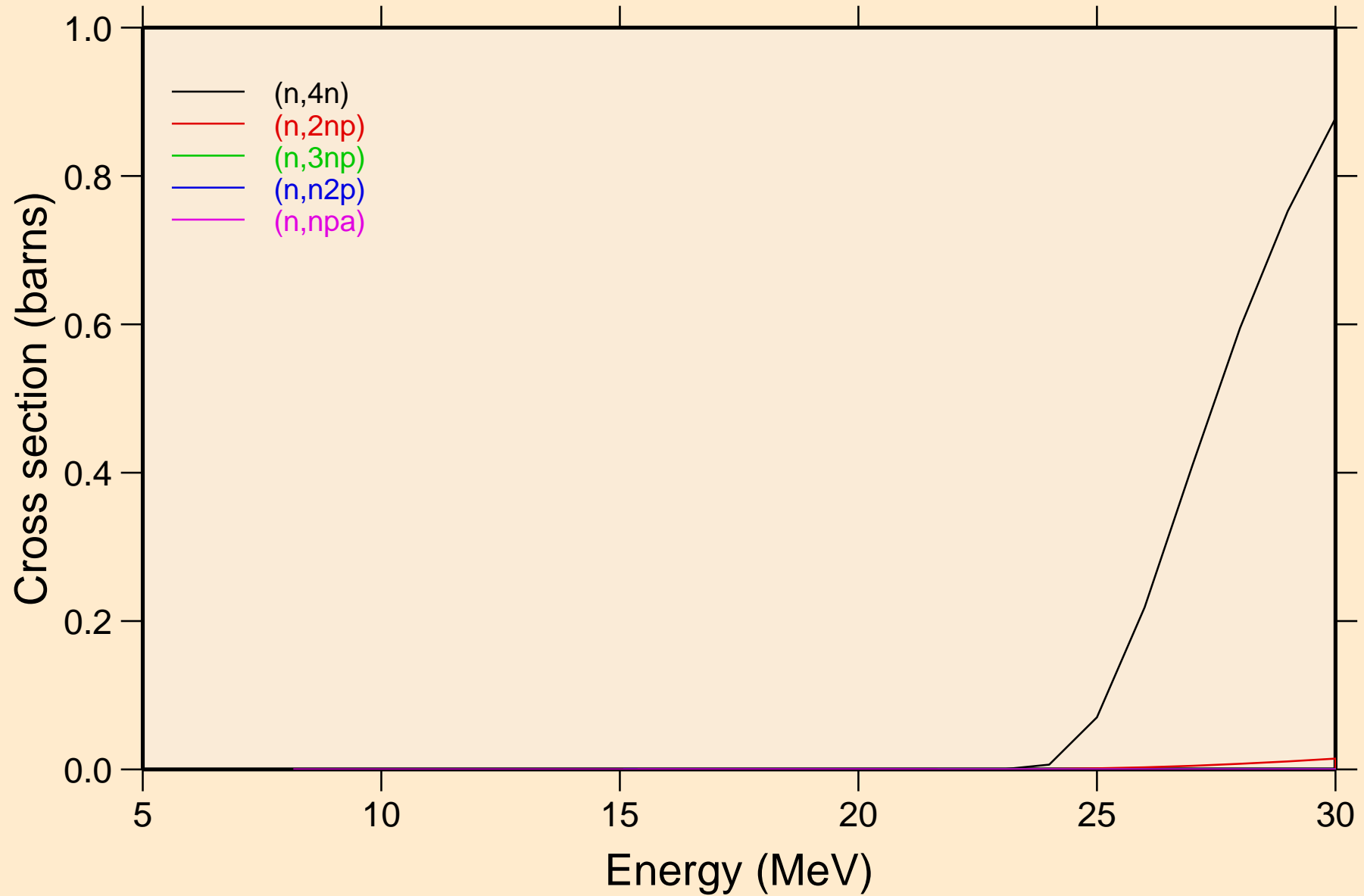
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



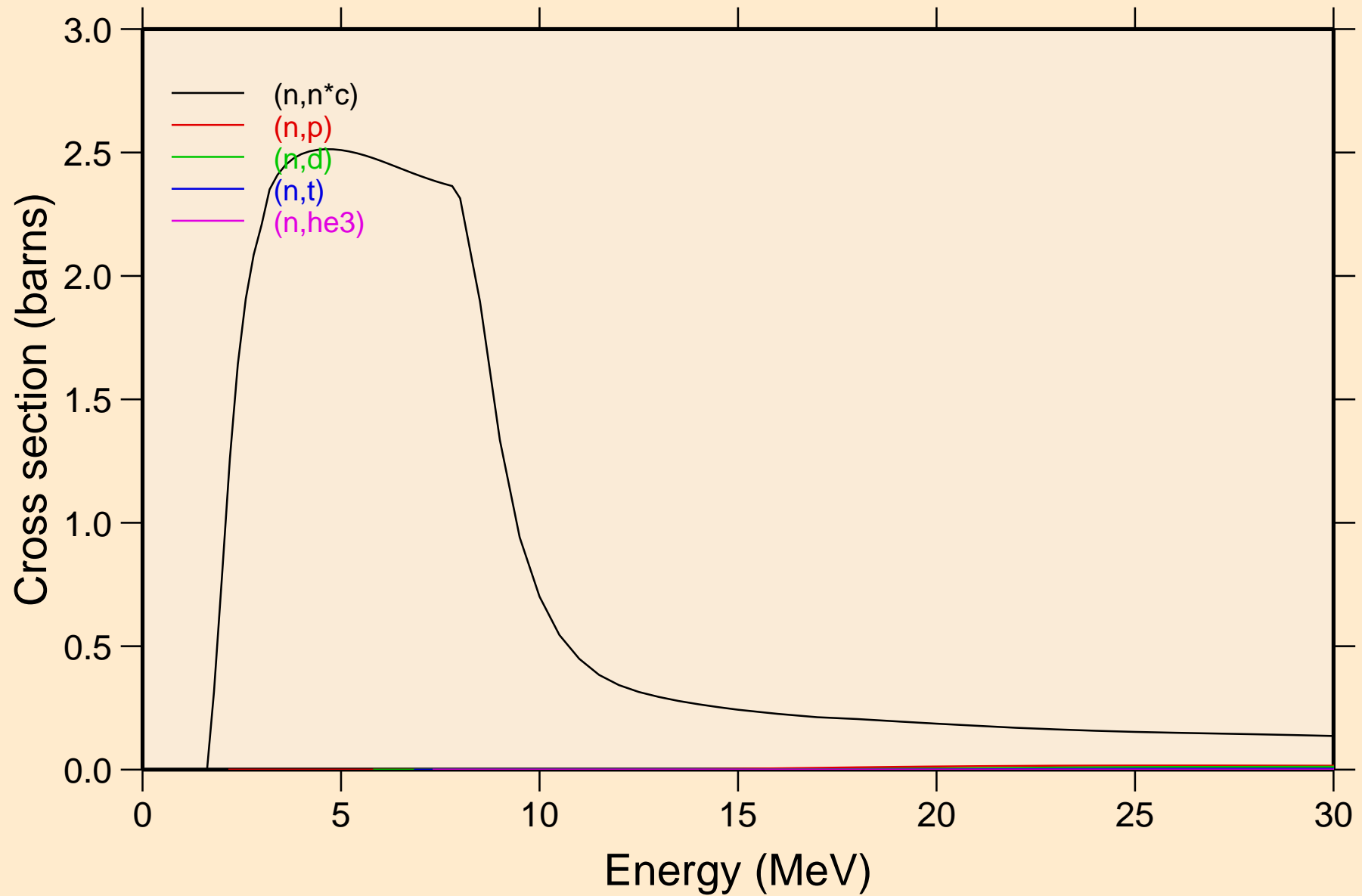
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



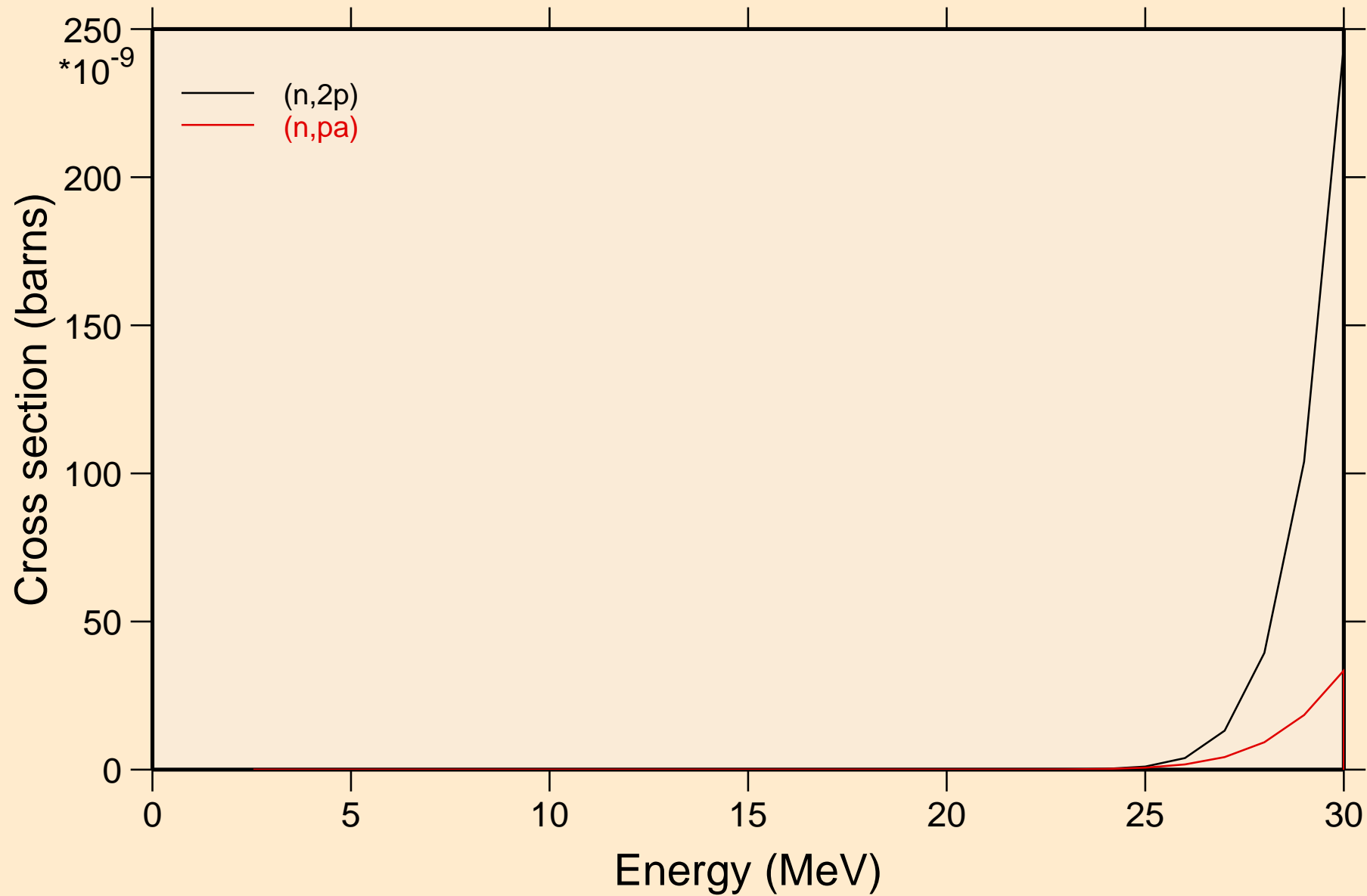
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



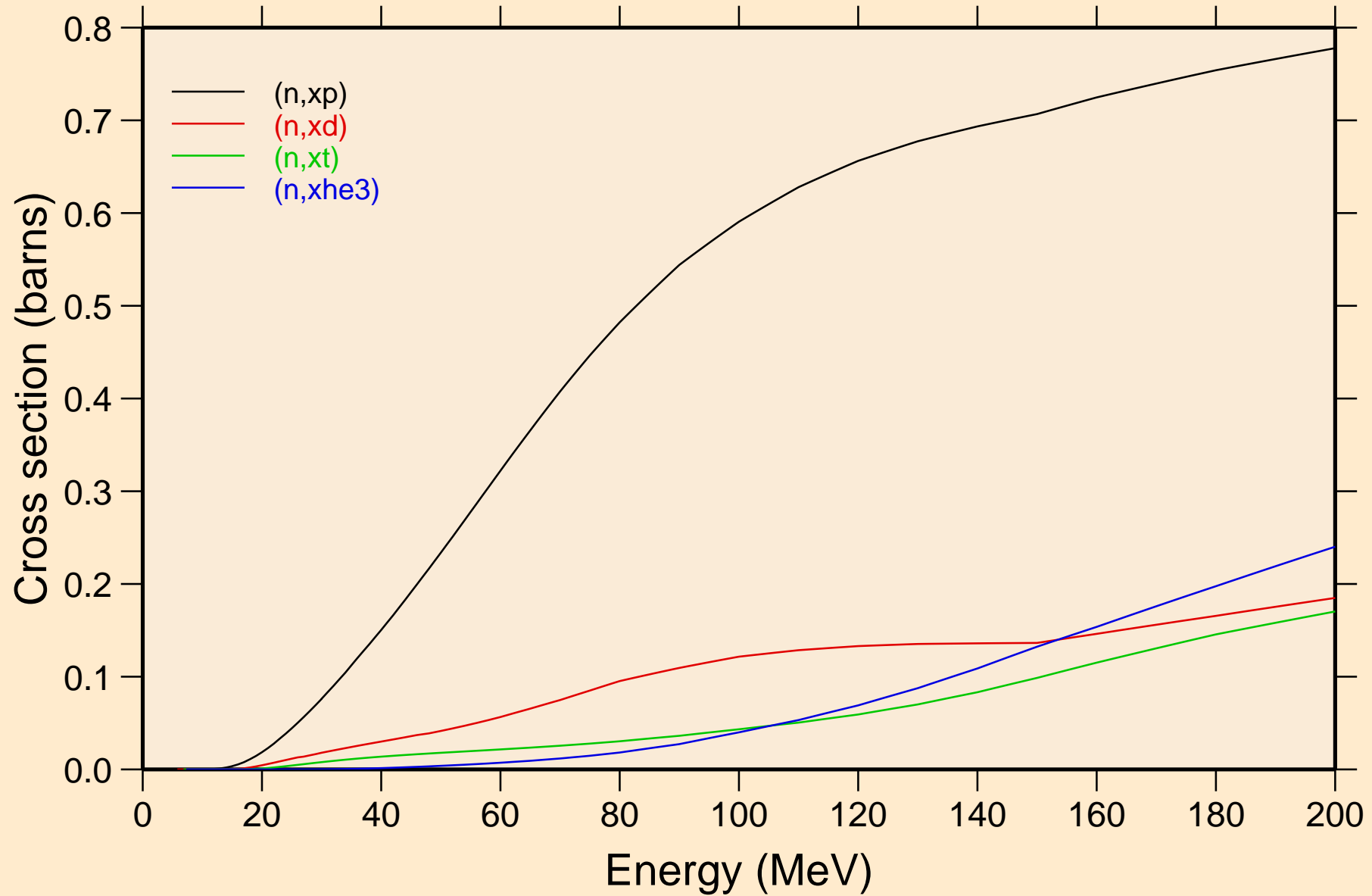
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

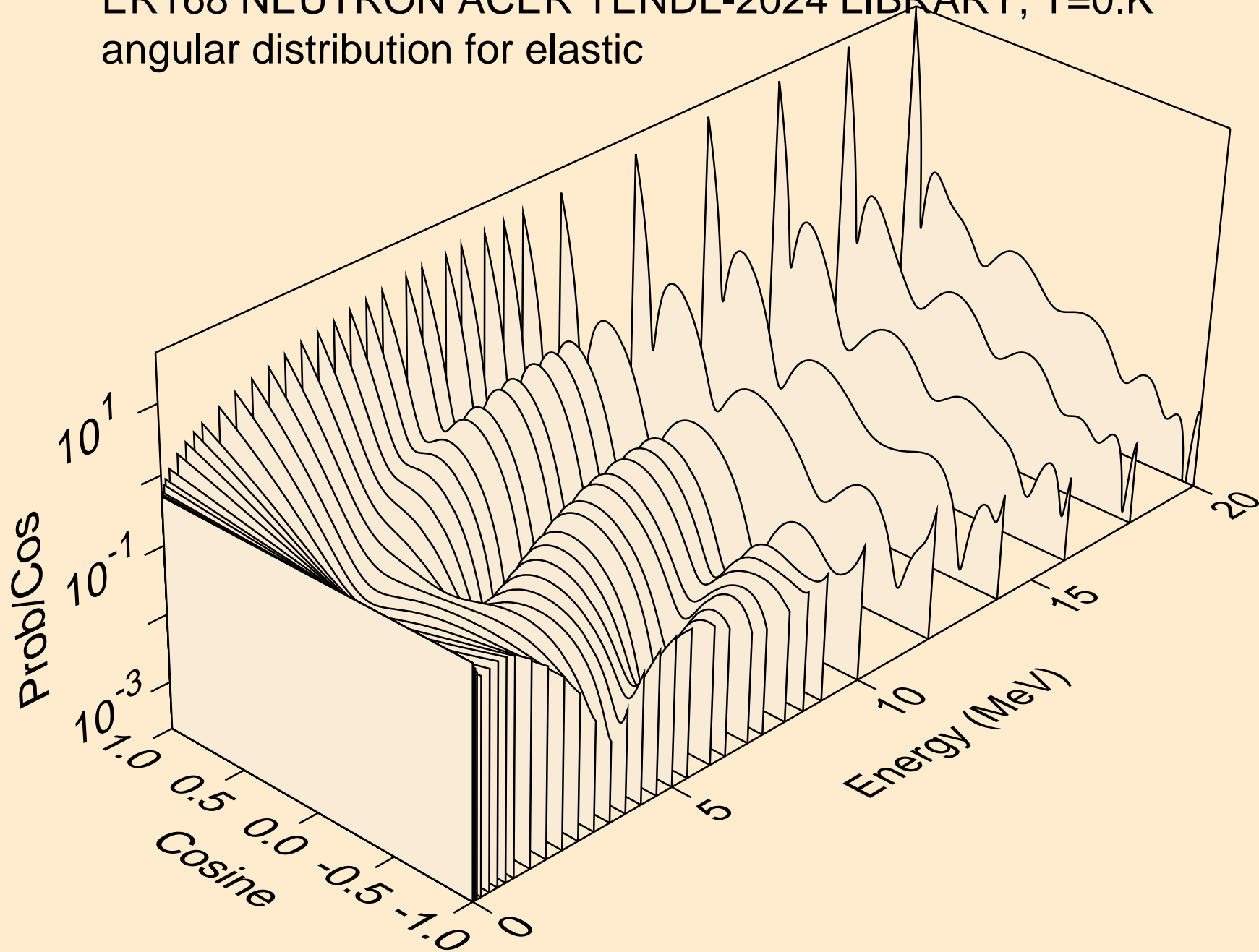


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

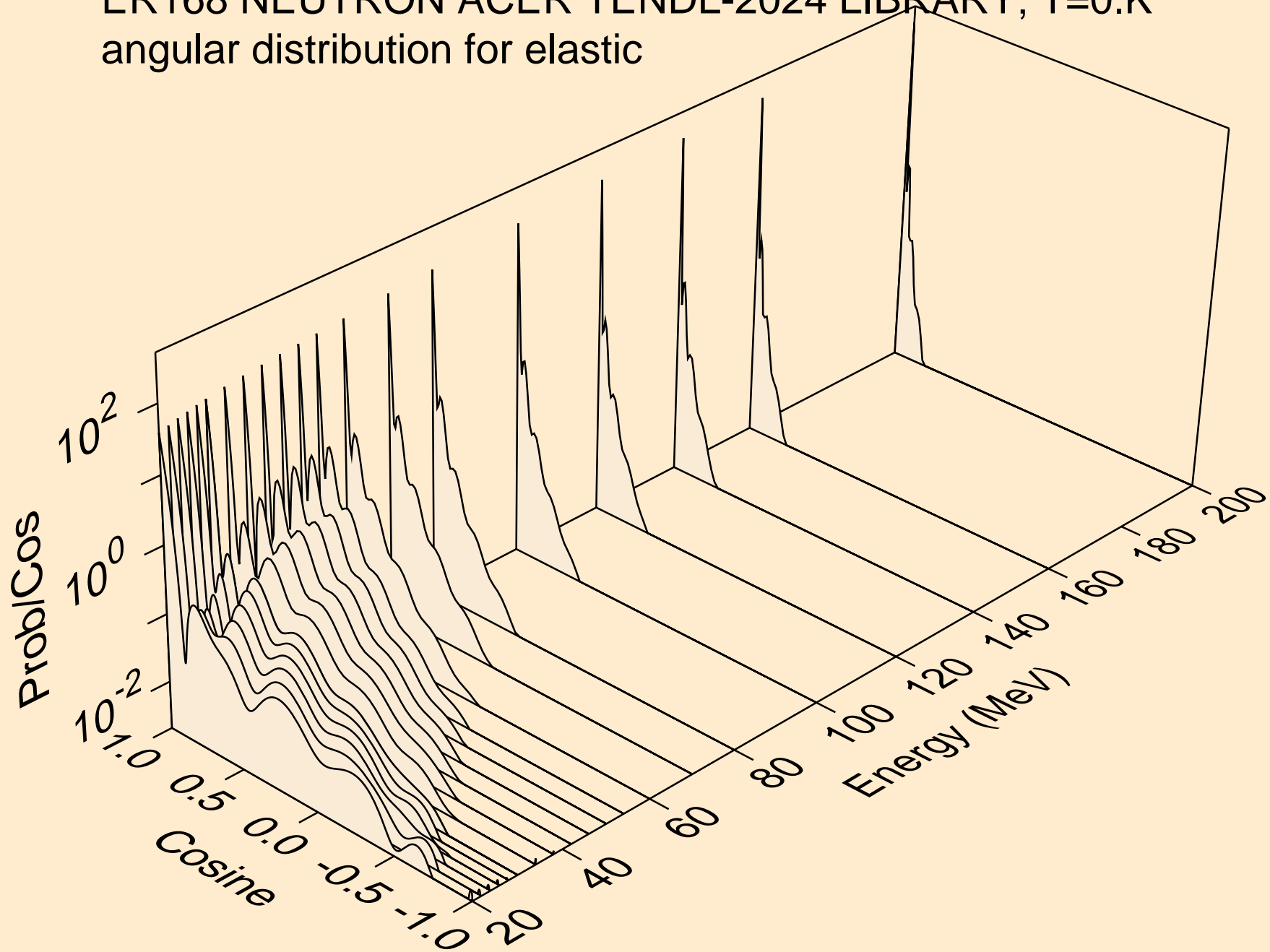




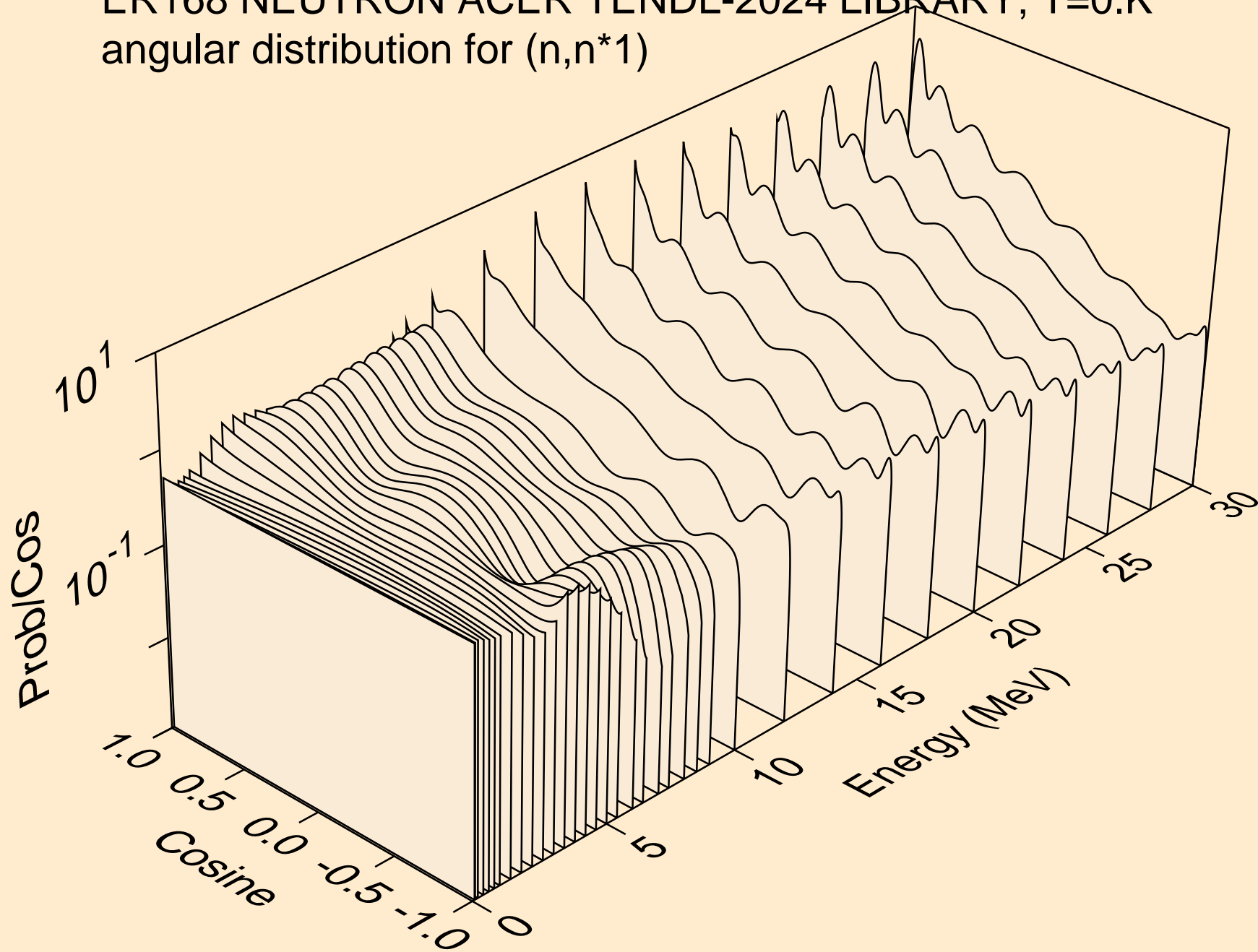
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



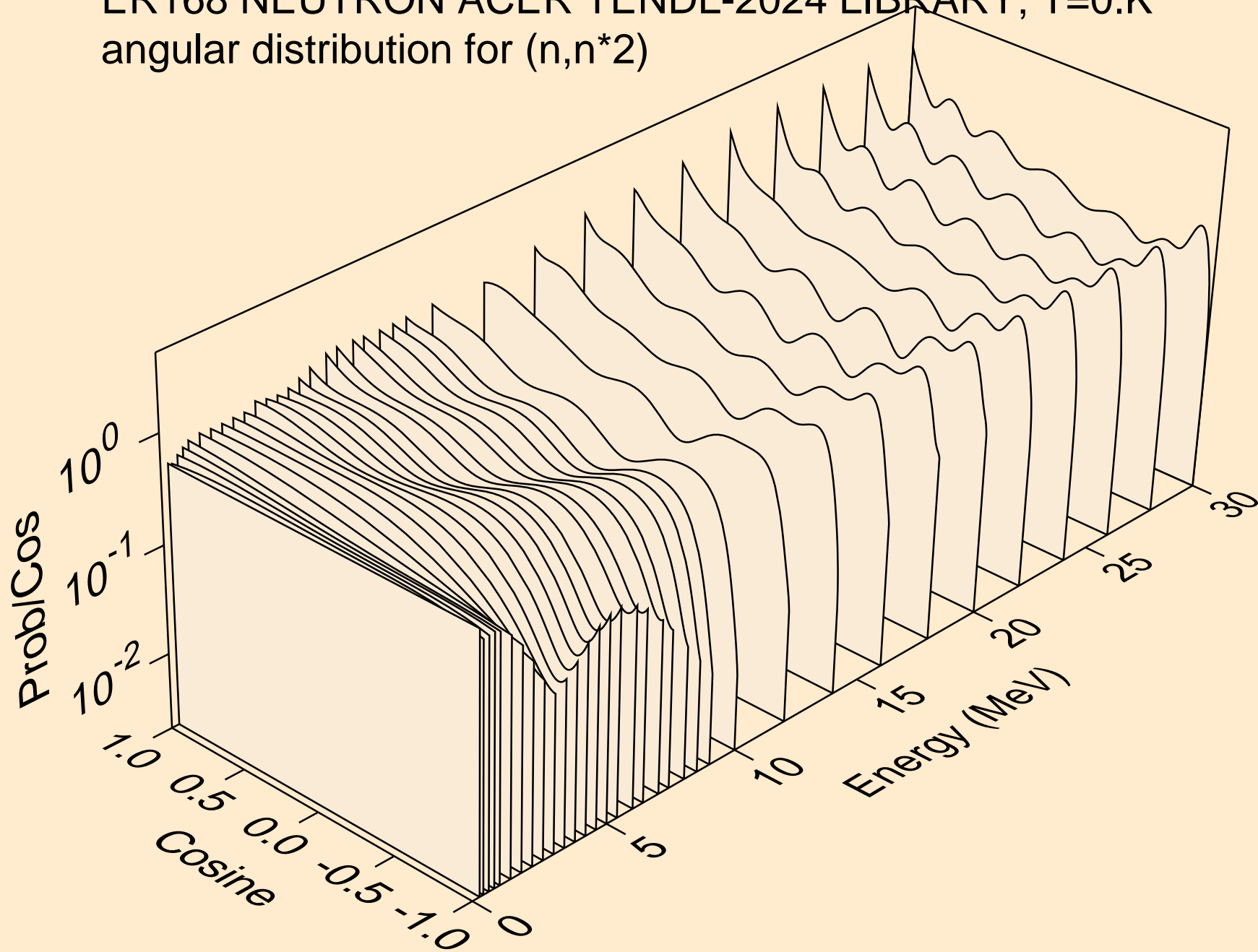
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angular distribution for elastic



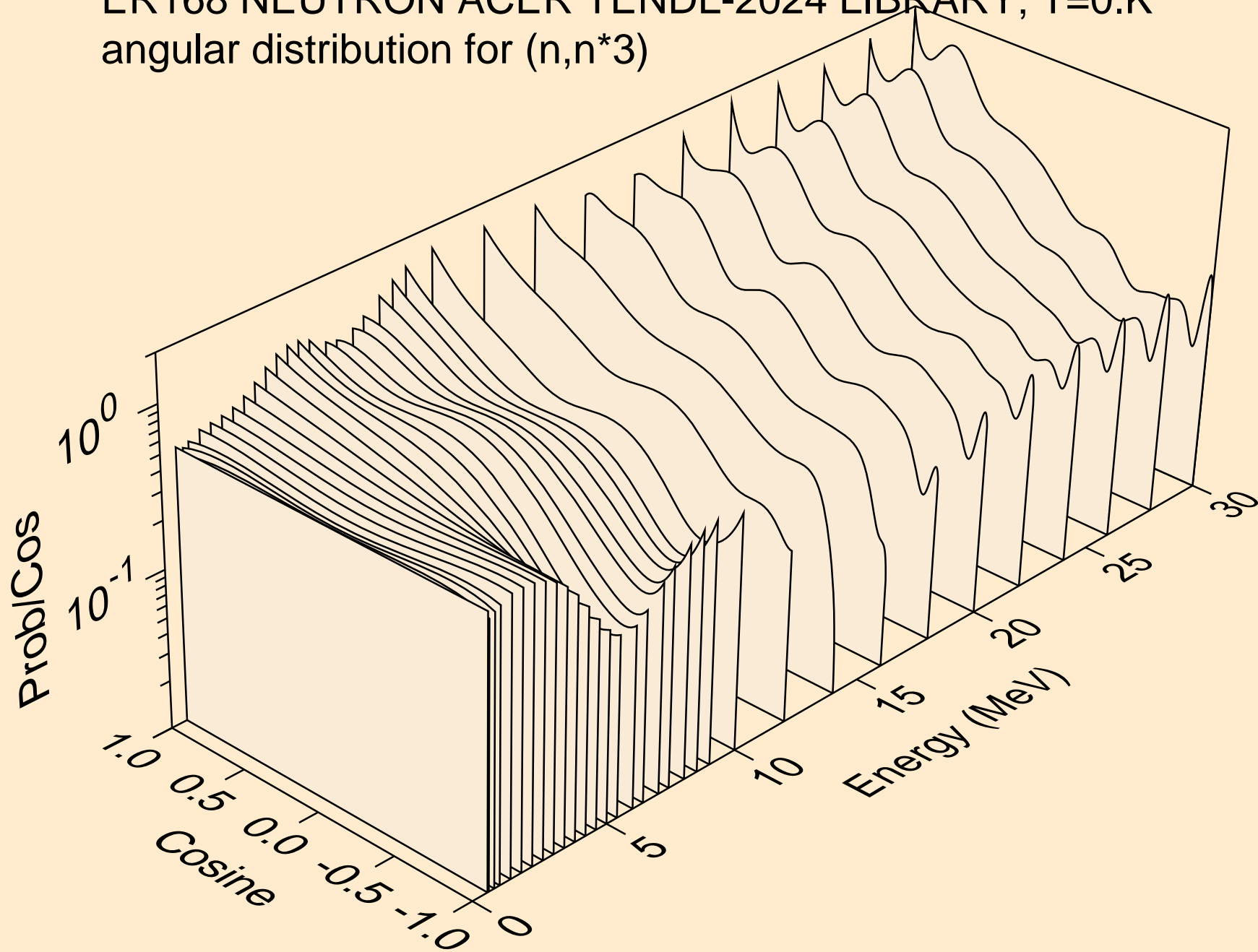
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



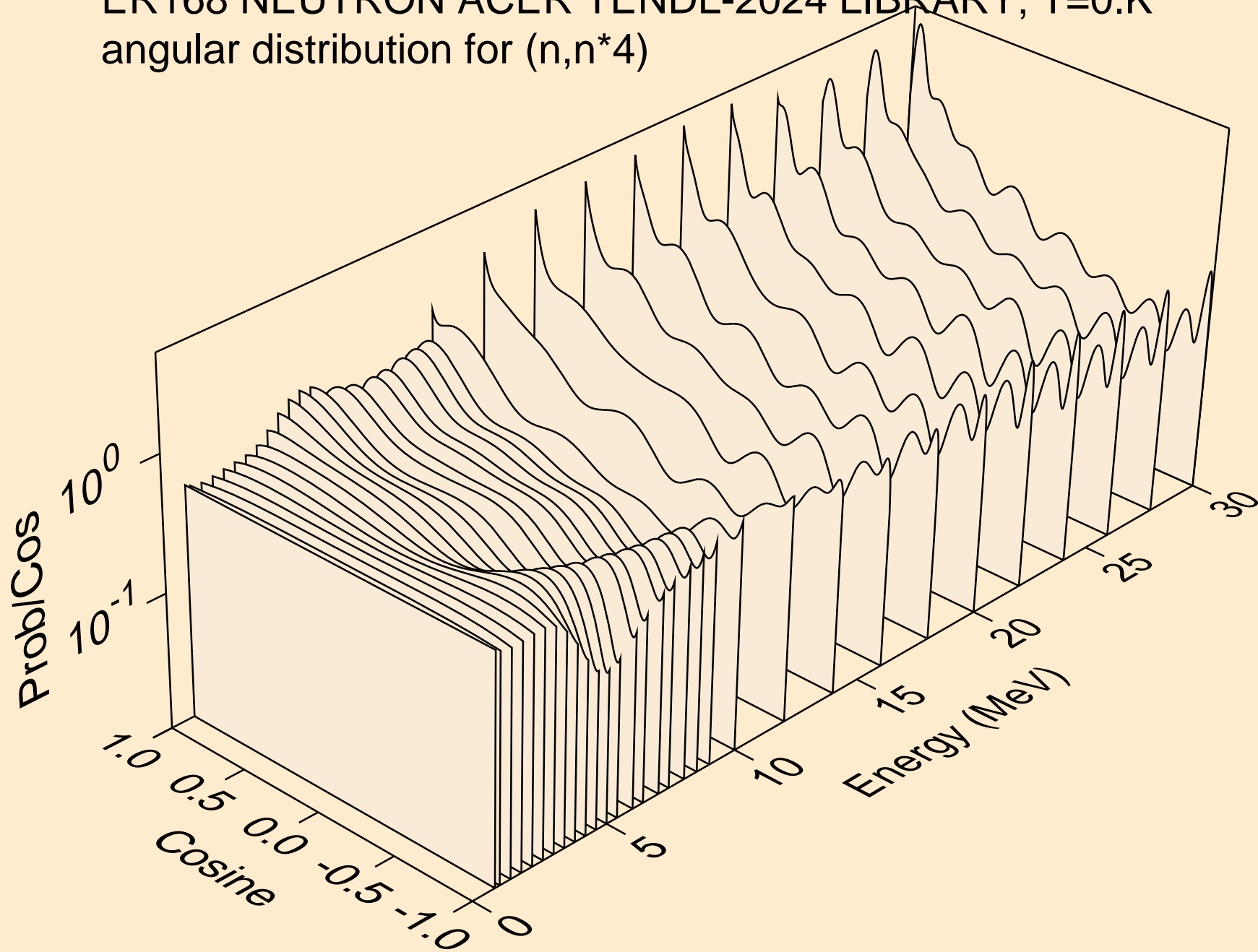
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



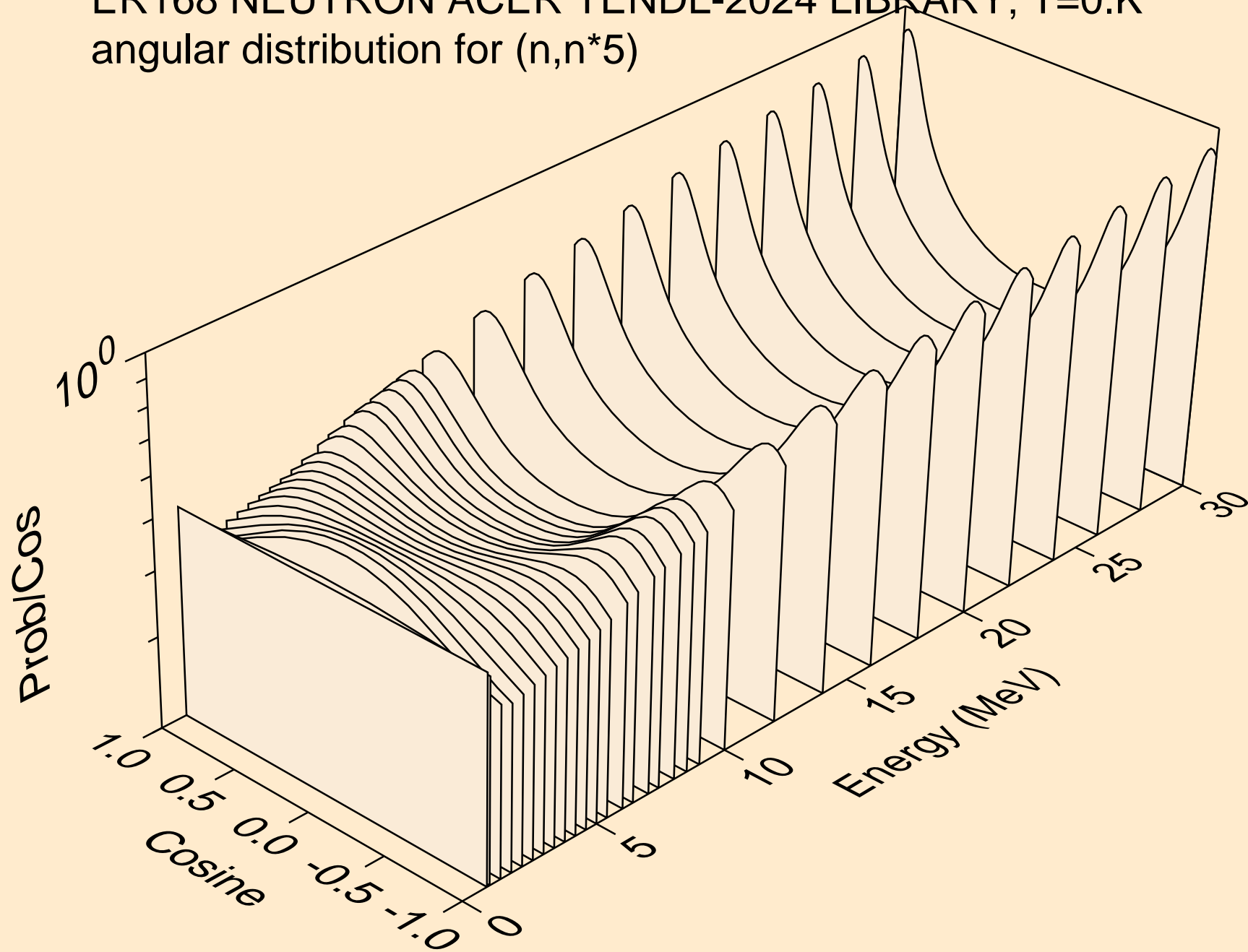
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



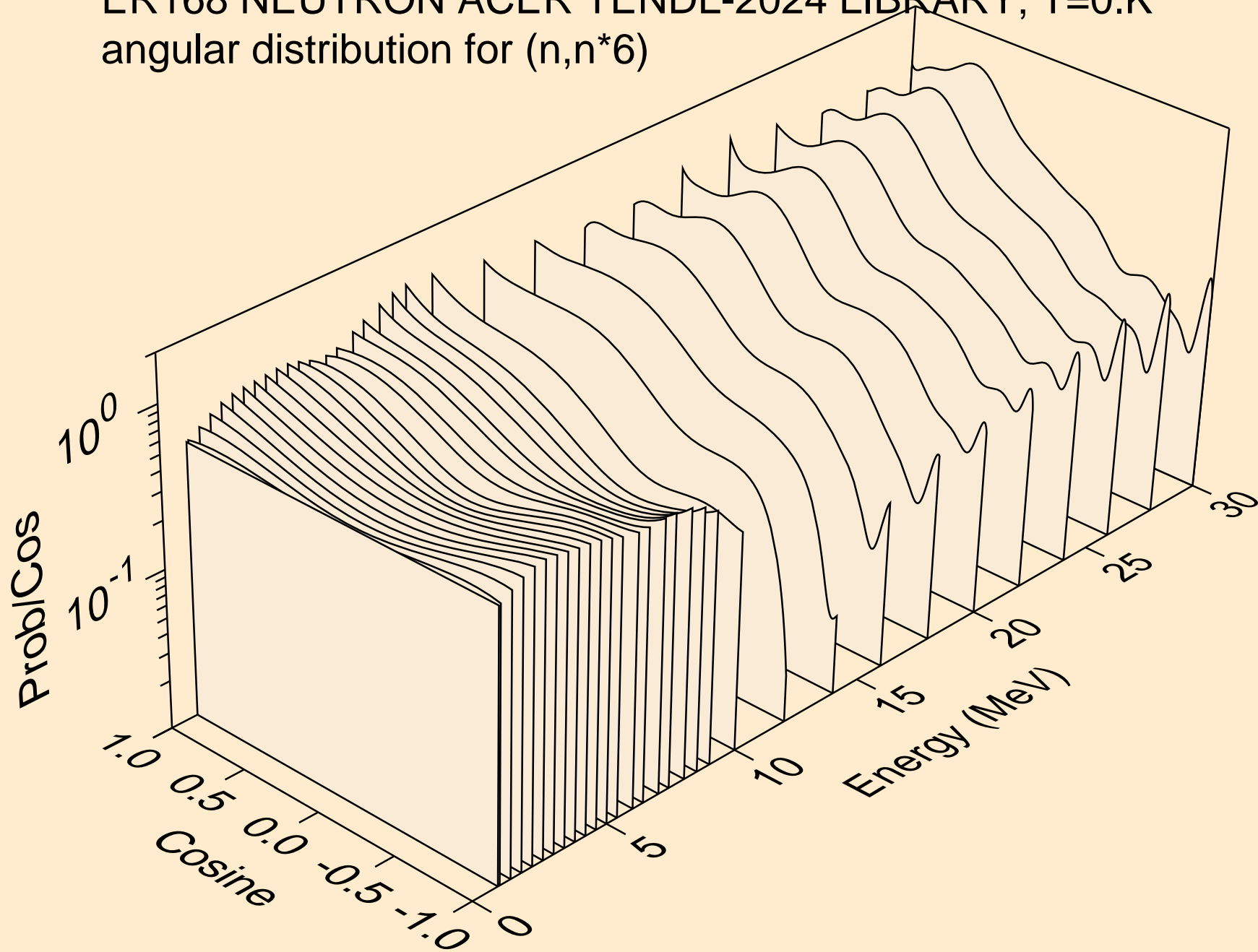
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

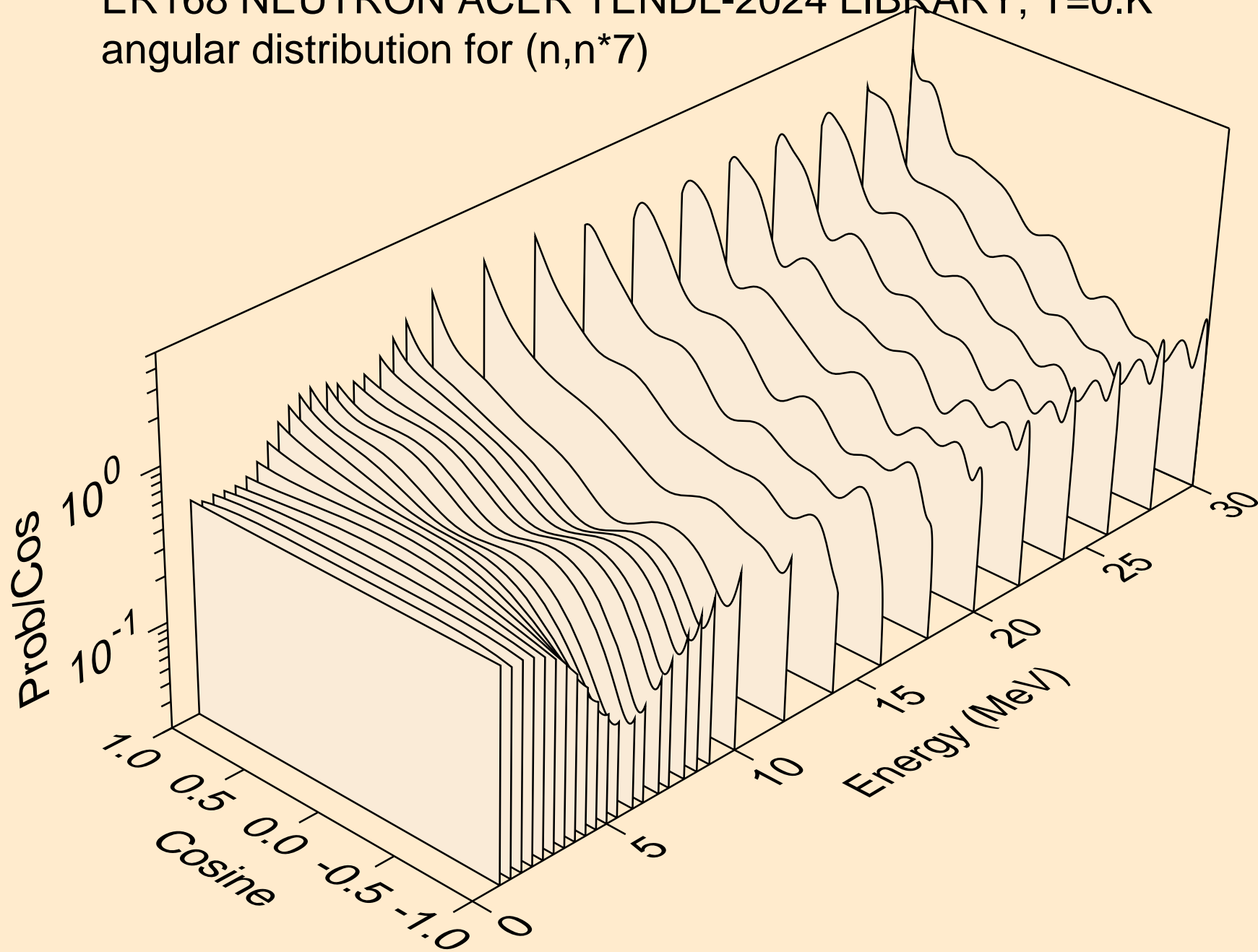


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

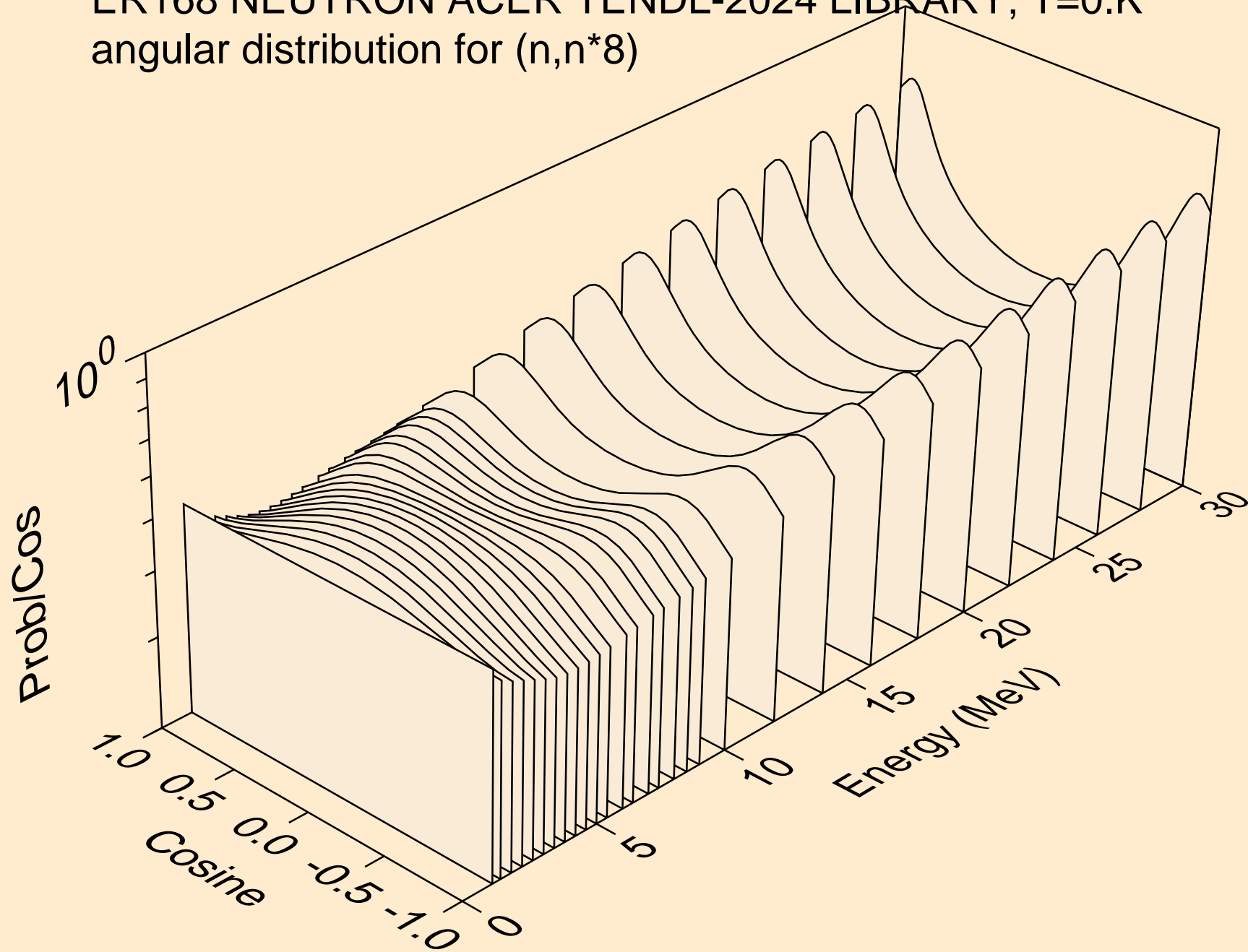




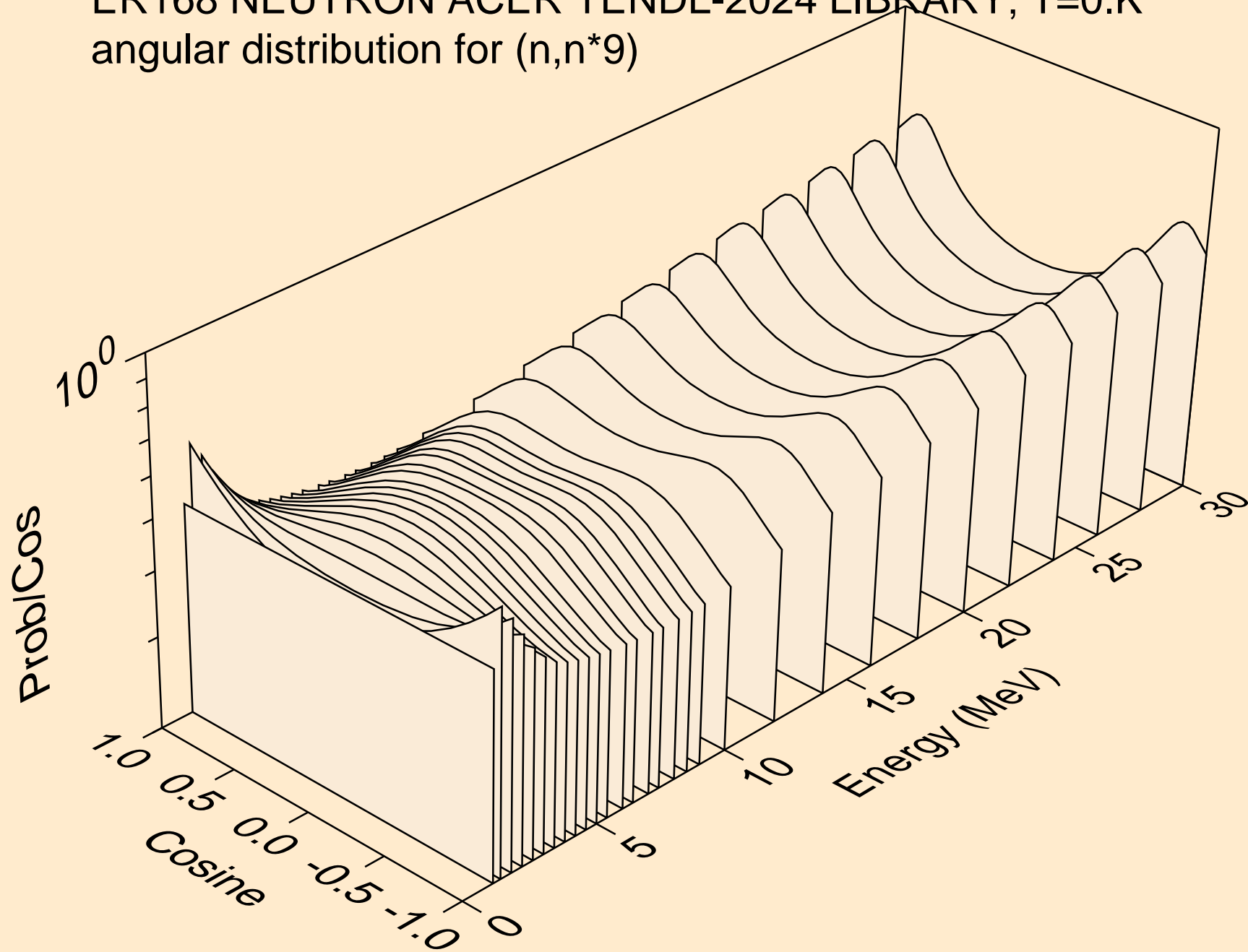
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



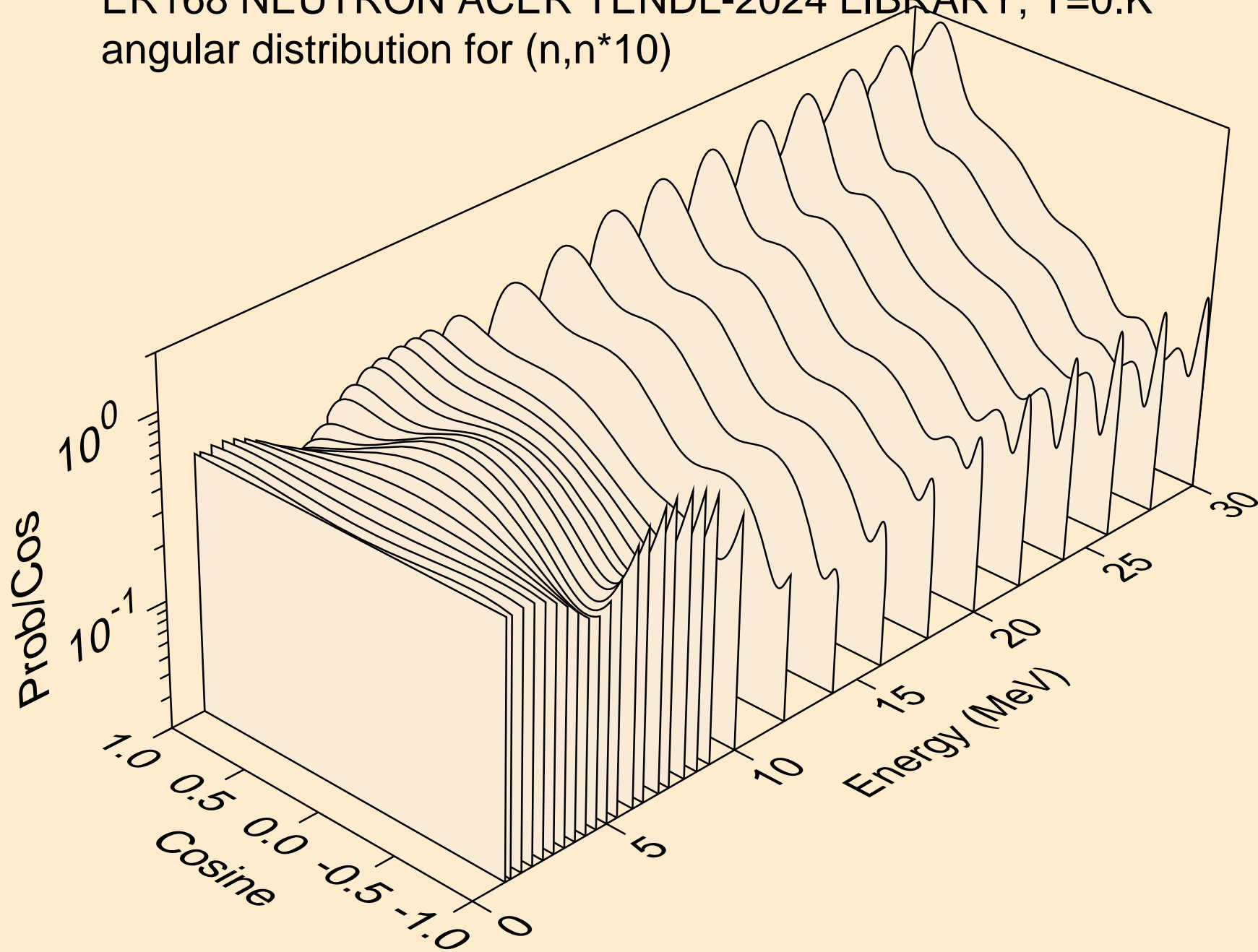
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



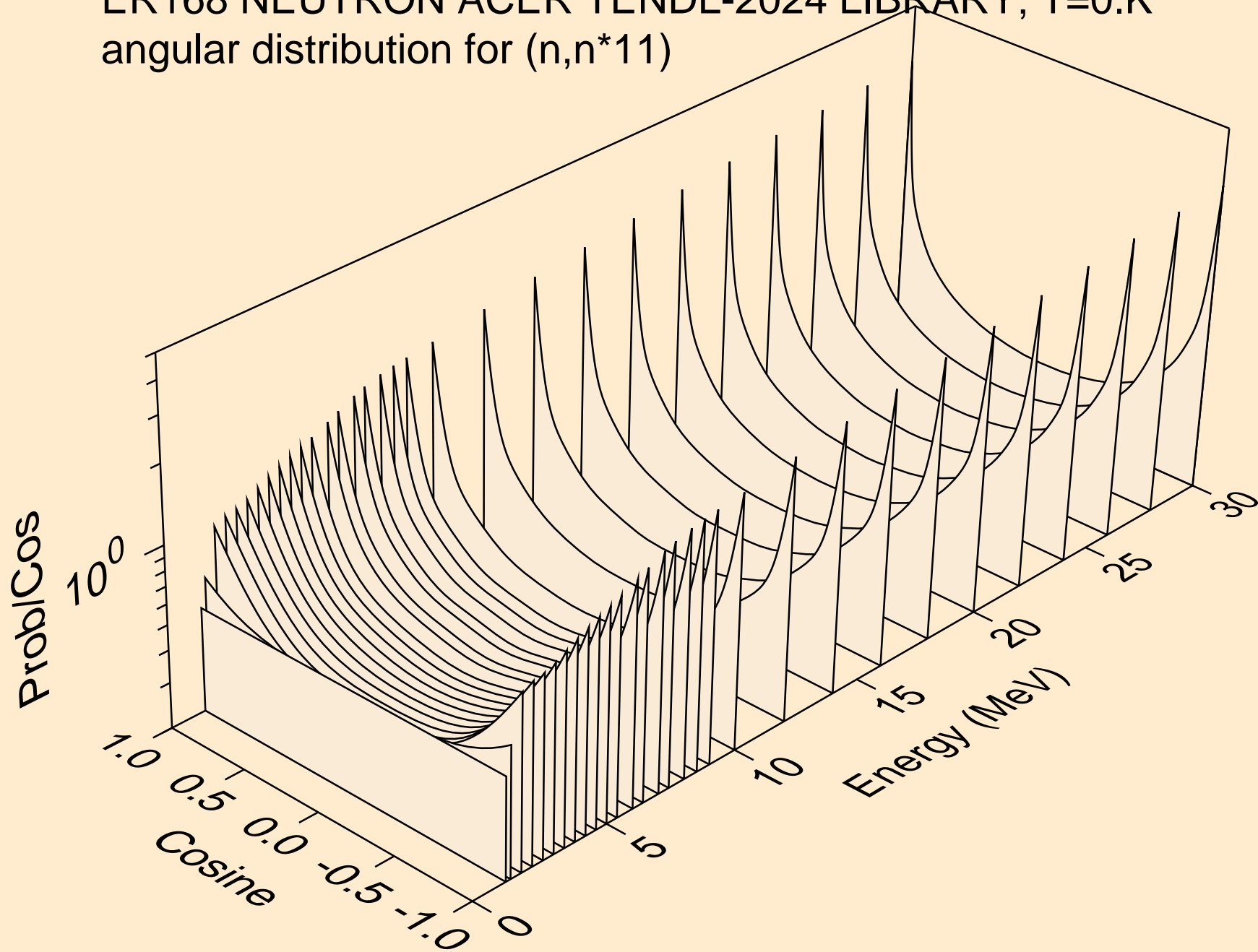
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



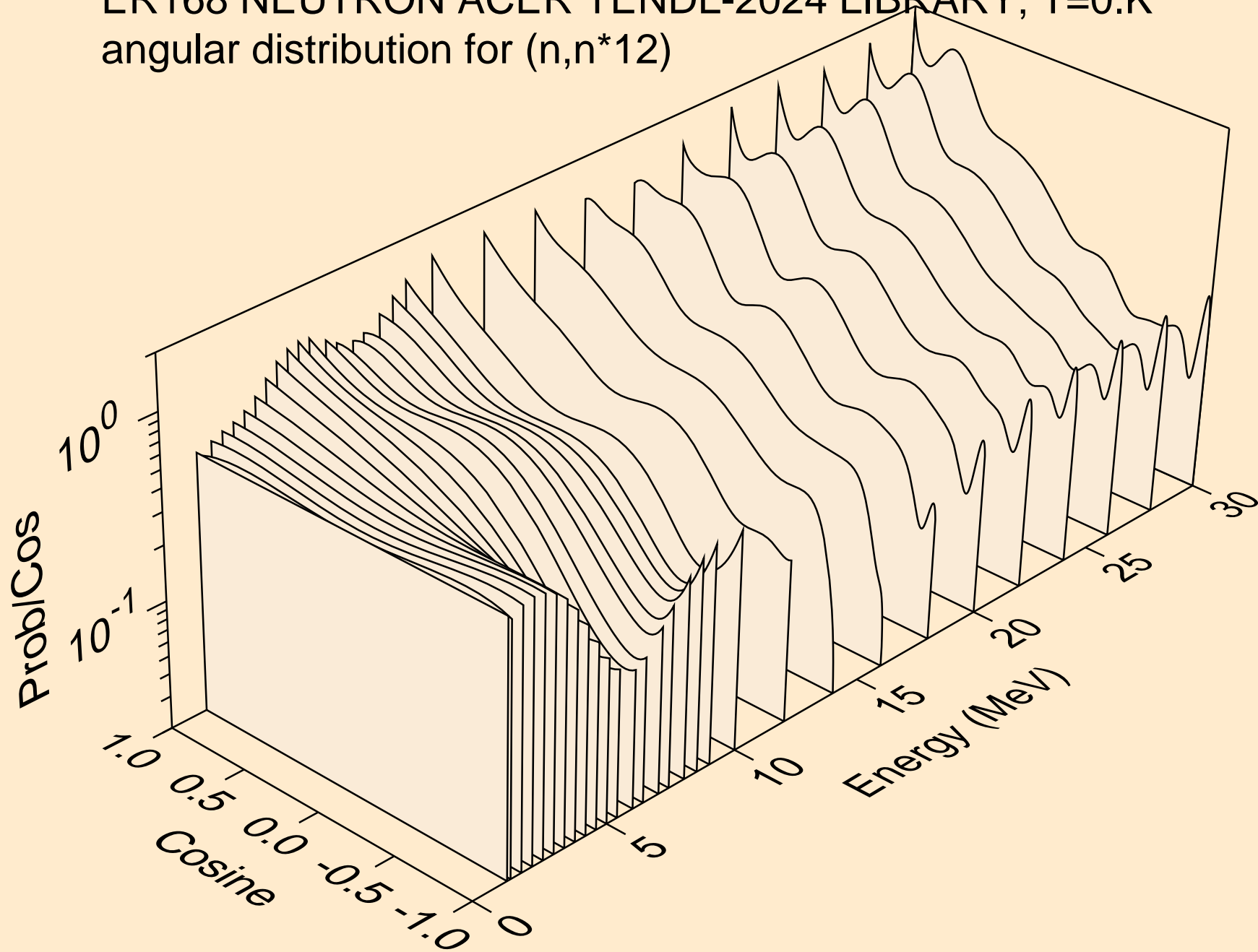
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angular distribution for (n,n\*10)



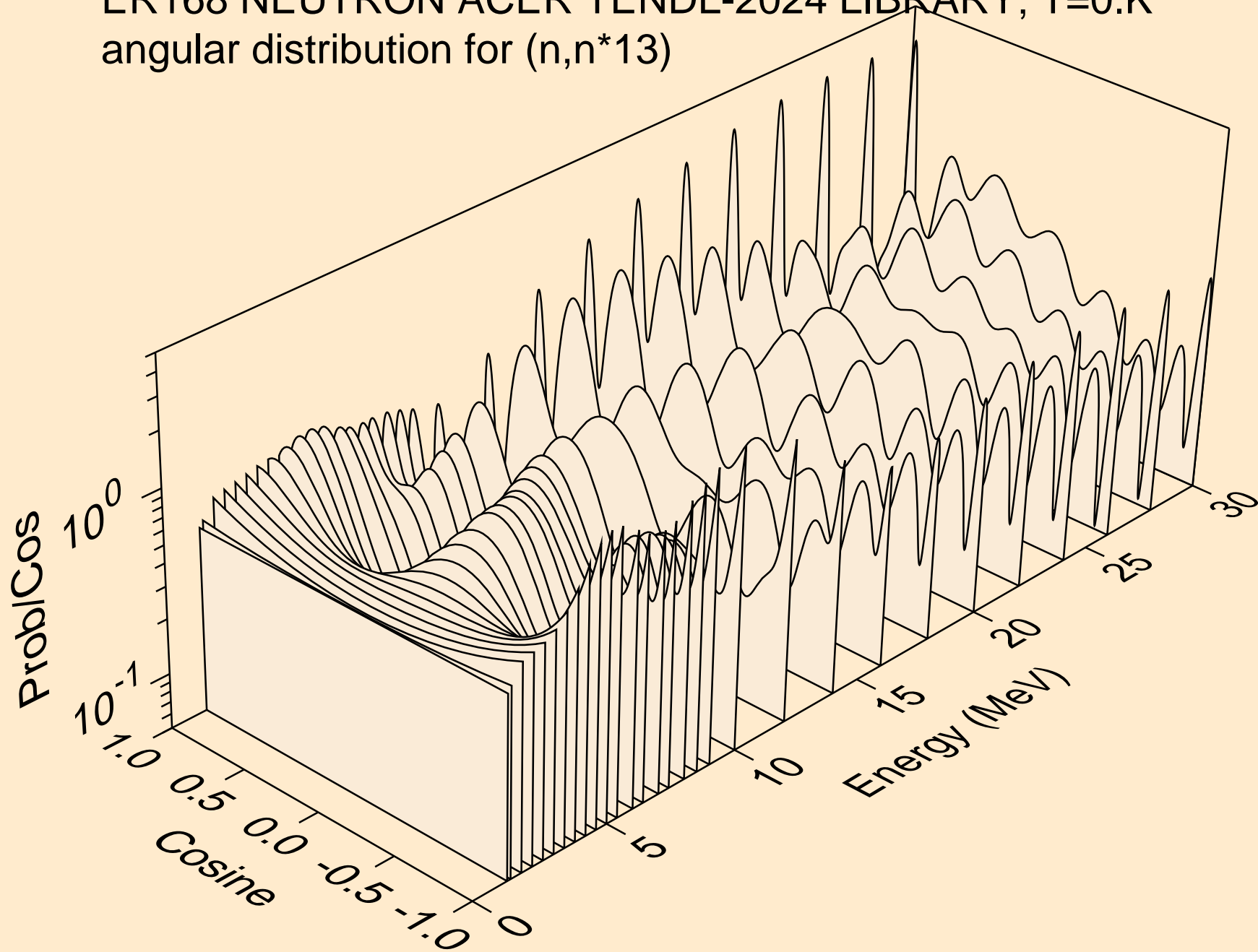
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



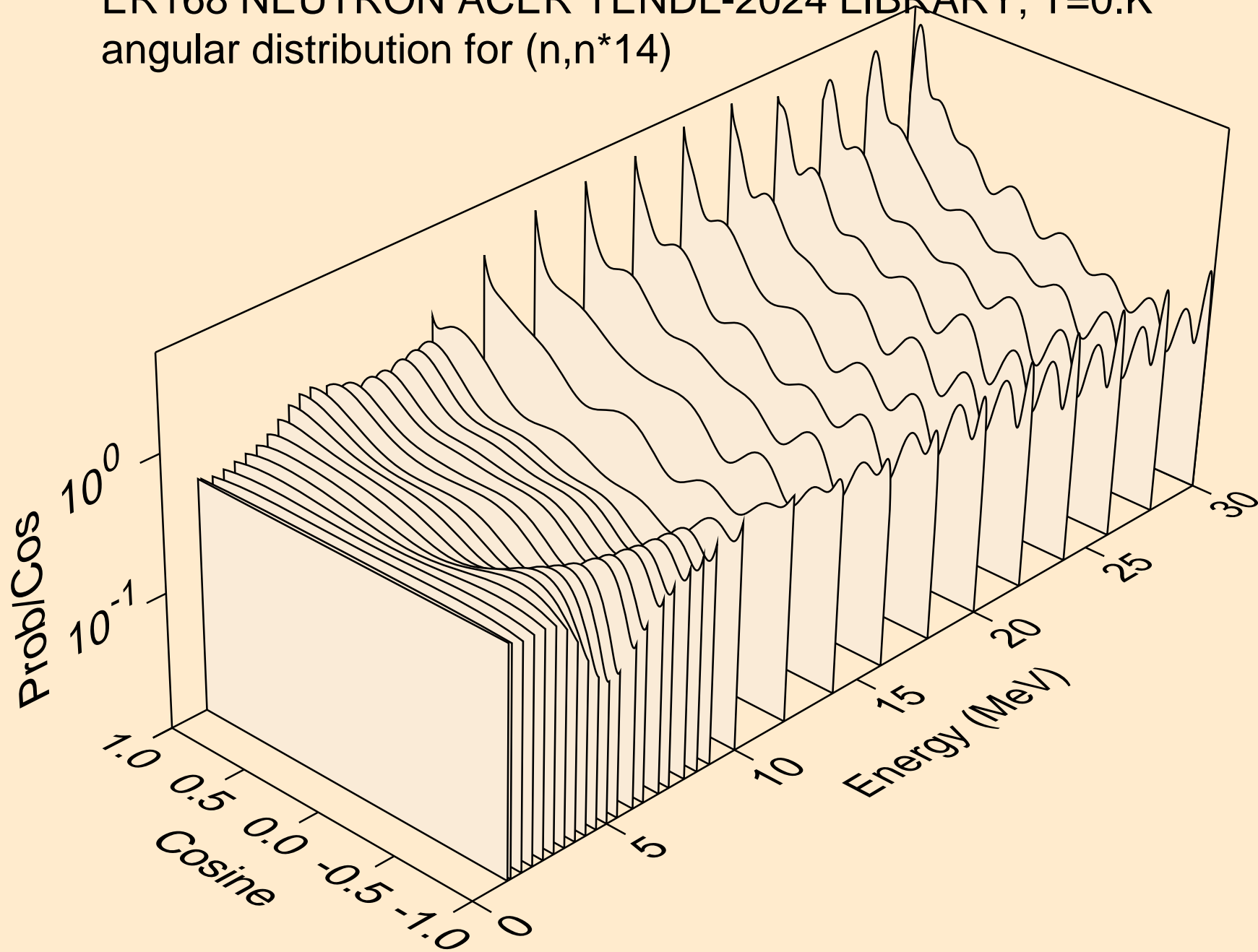
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

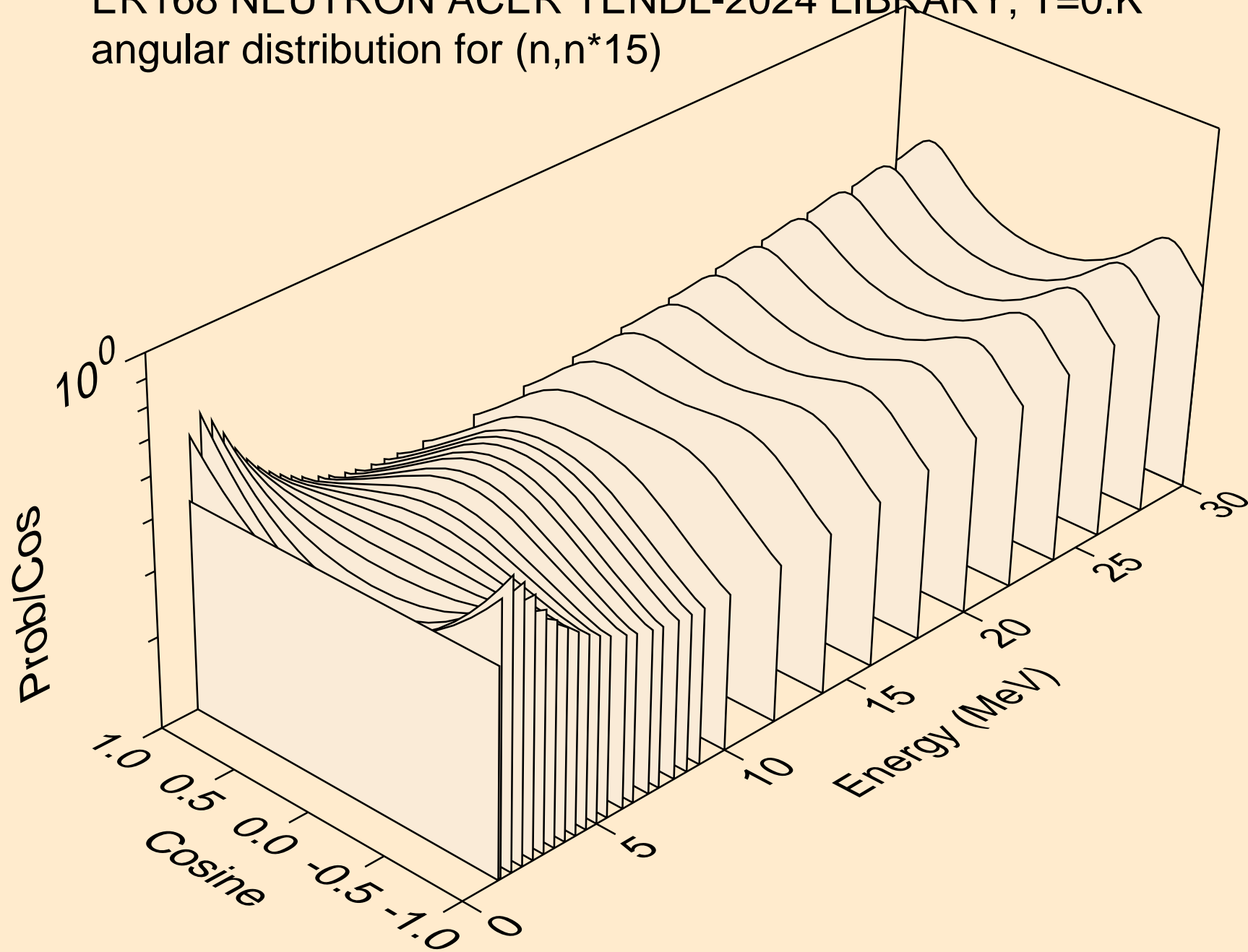


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

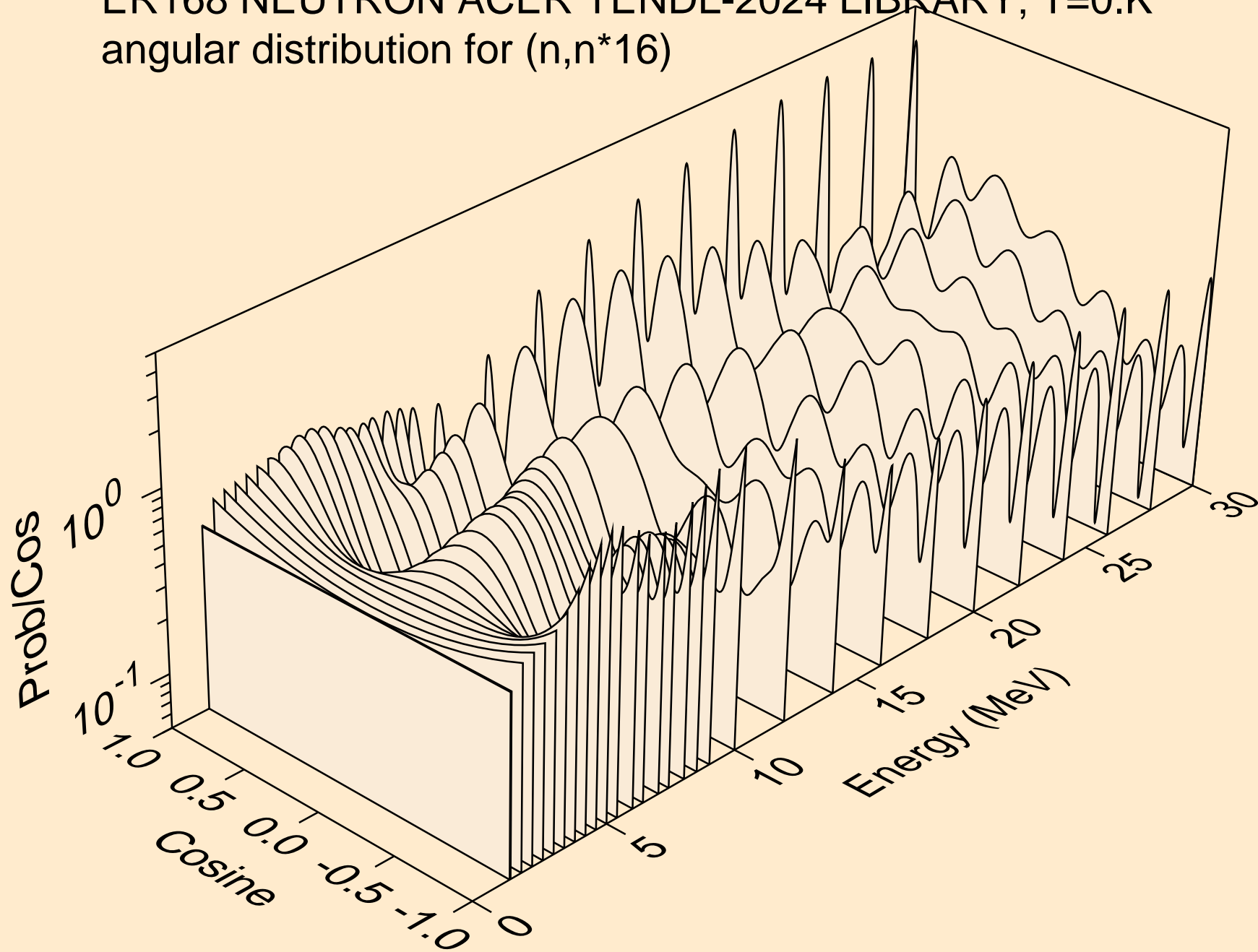




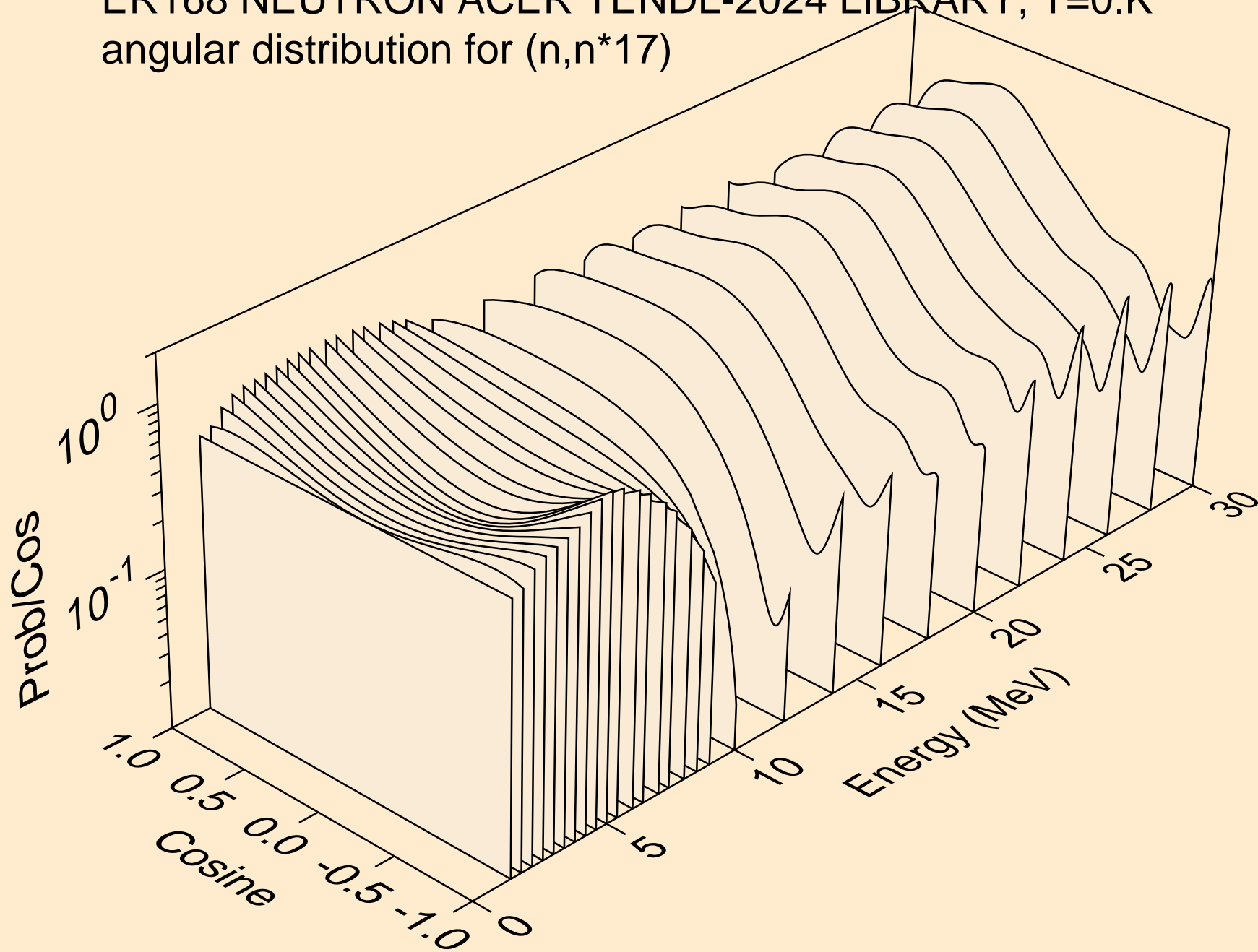
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angular distribution for (n,n\*15)



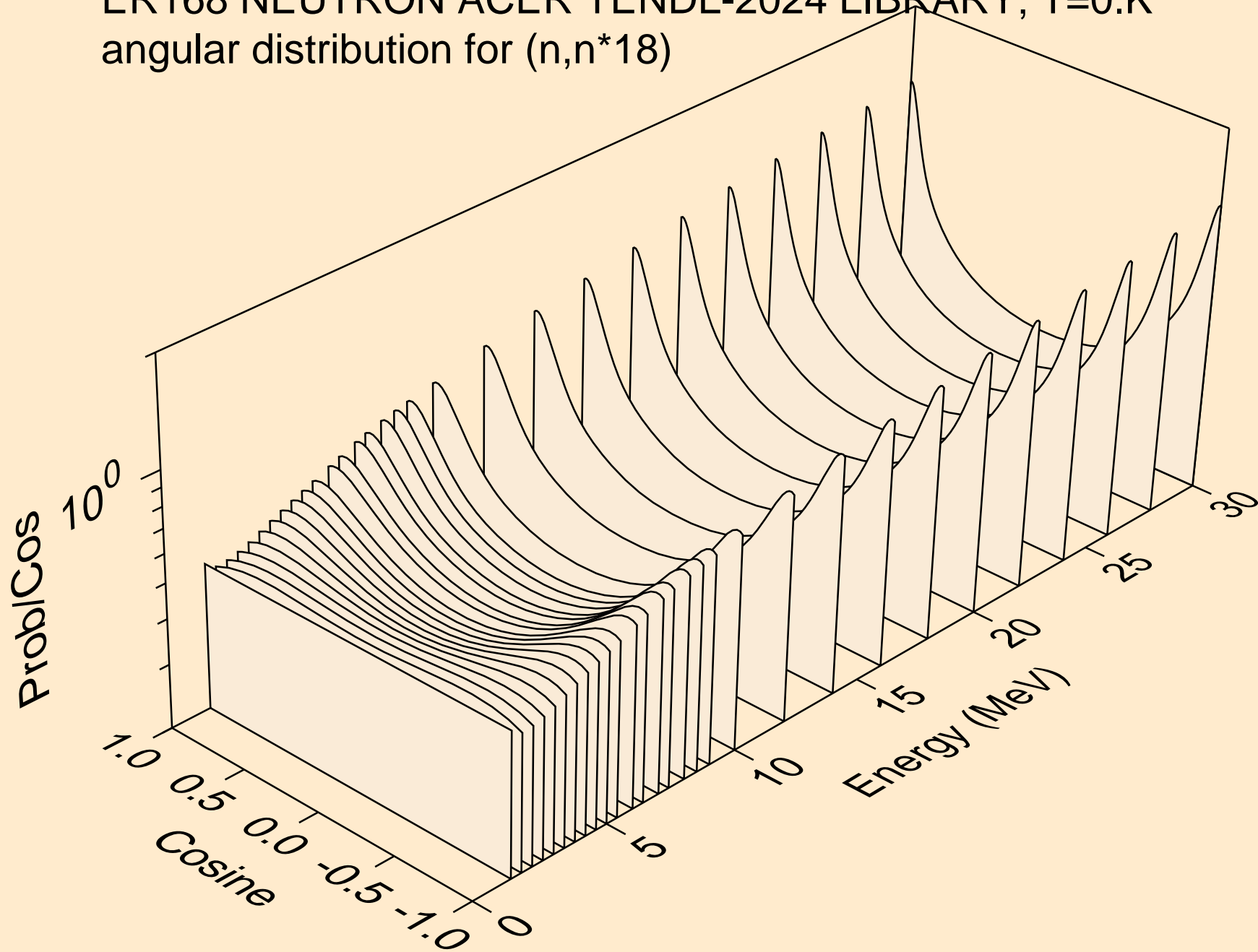
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



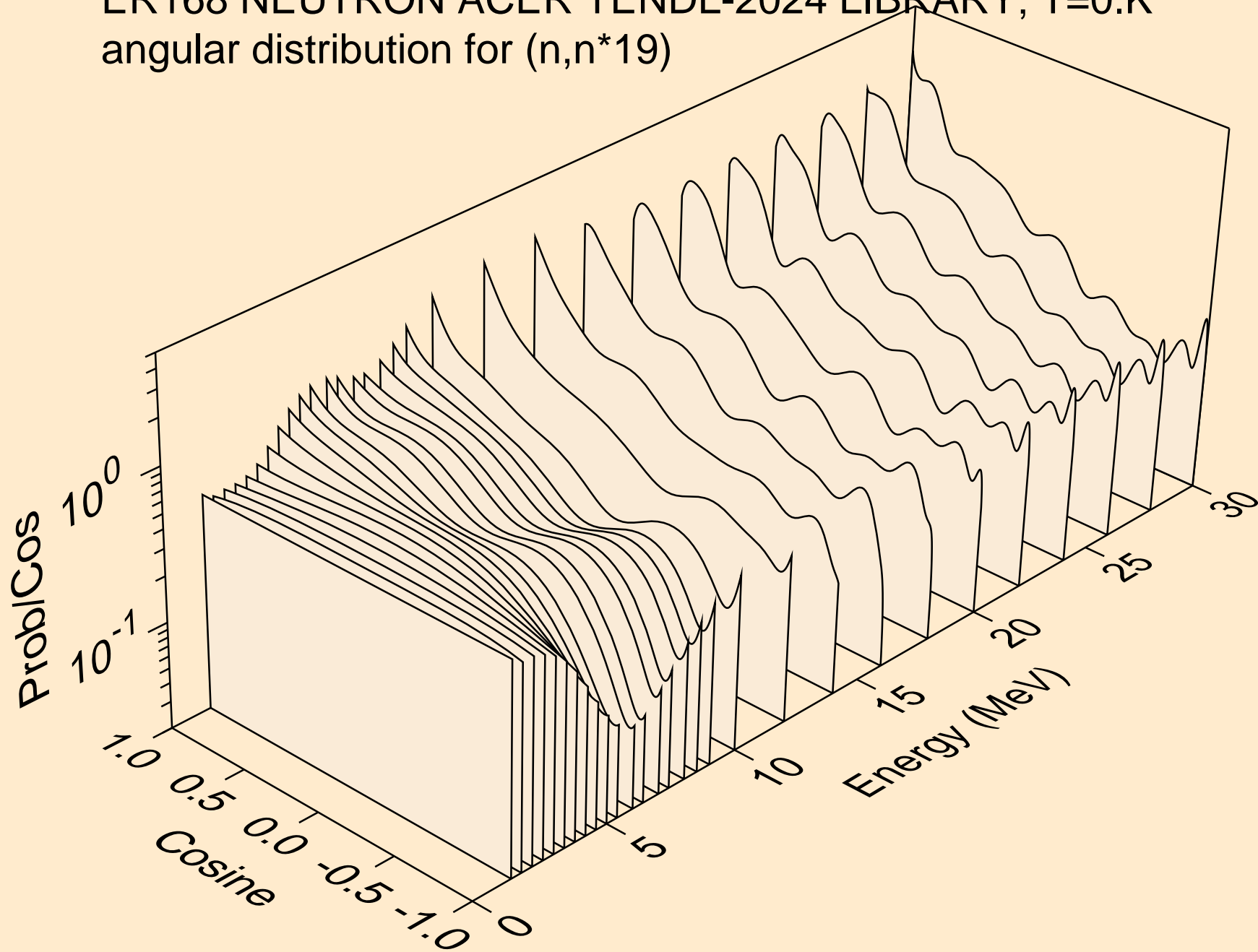
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angular distribution for (n,n\*17)



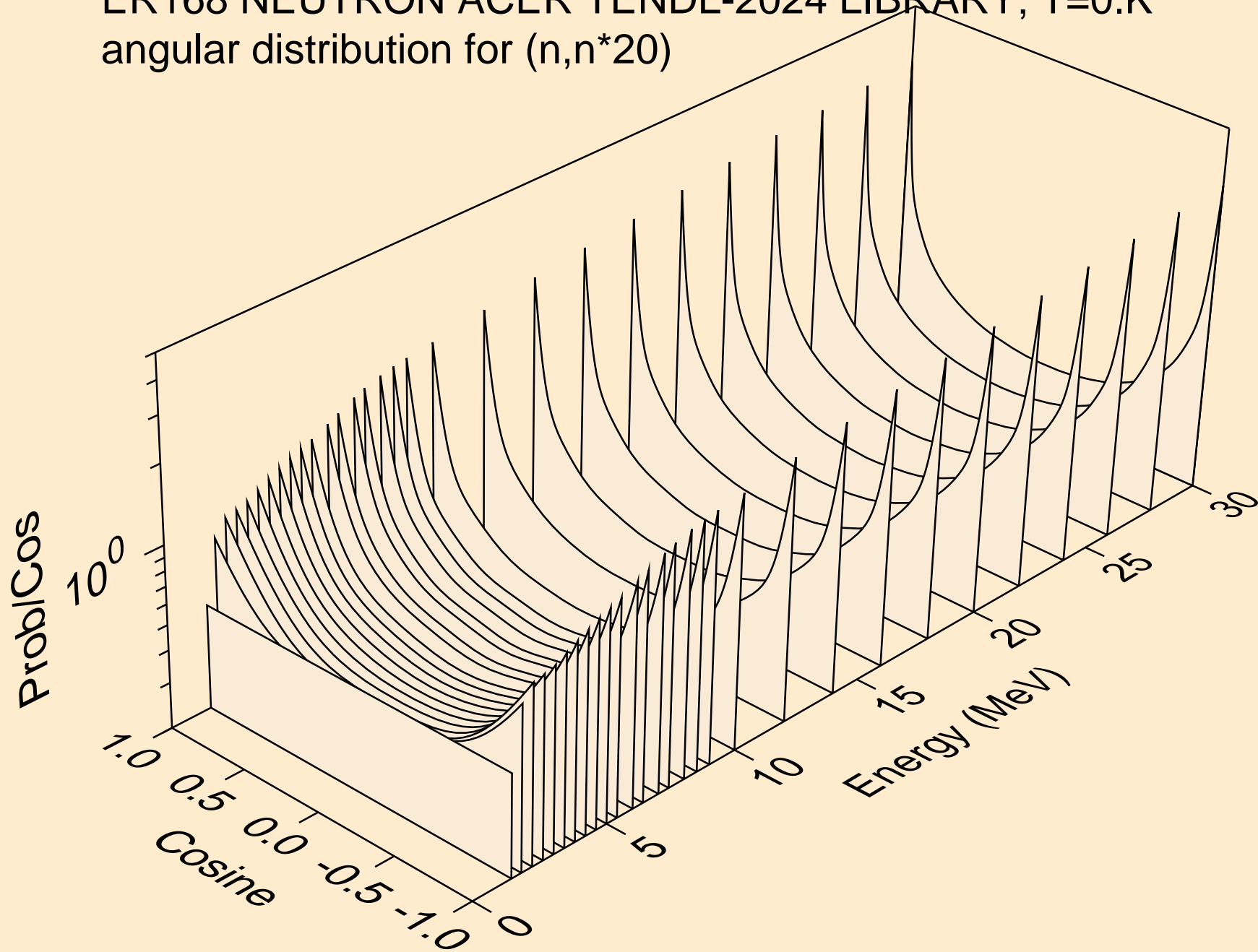
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angular distribution for (n,n\*18)



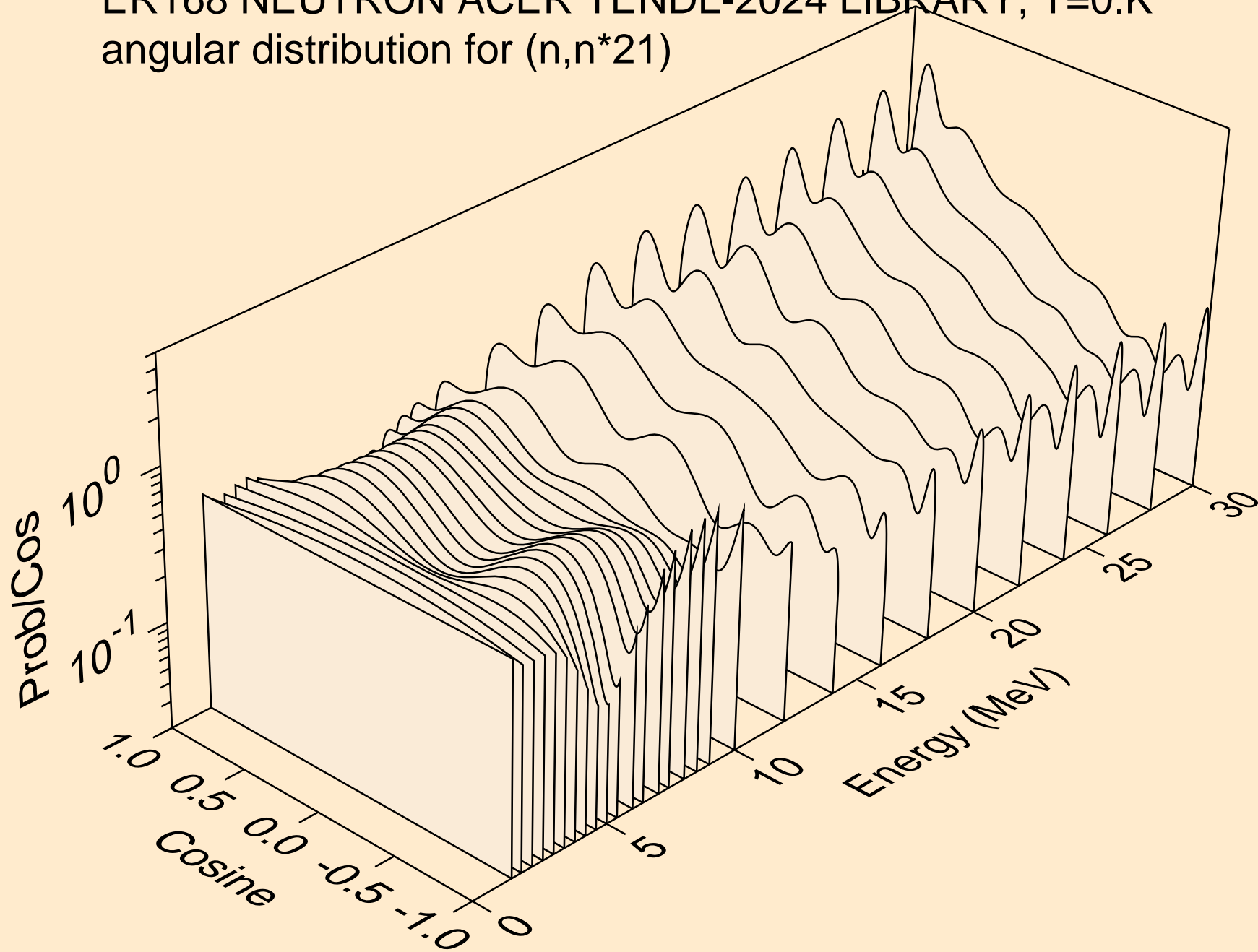
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



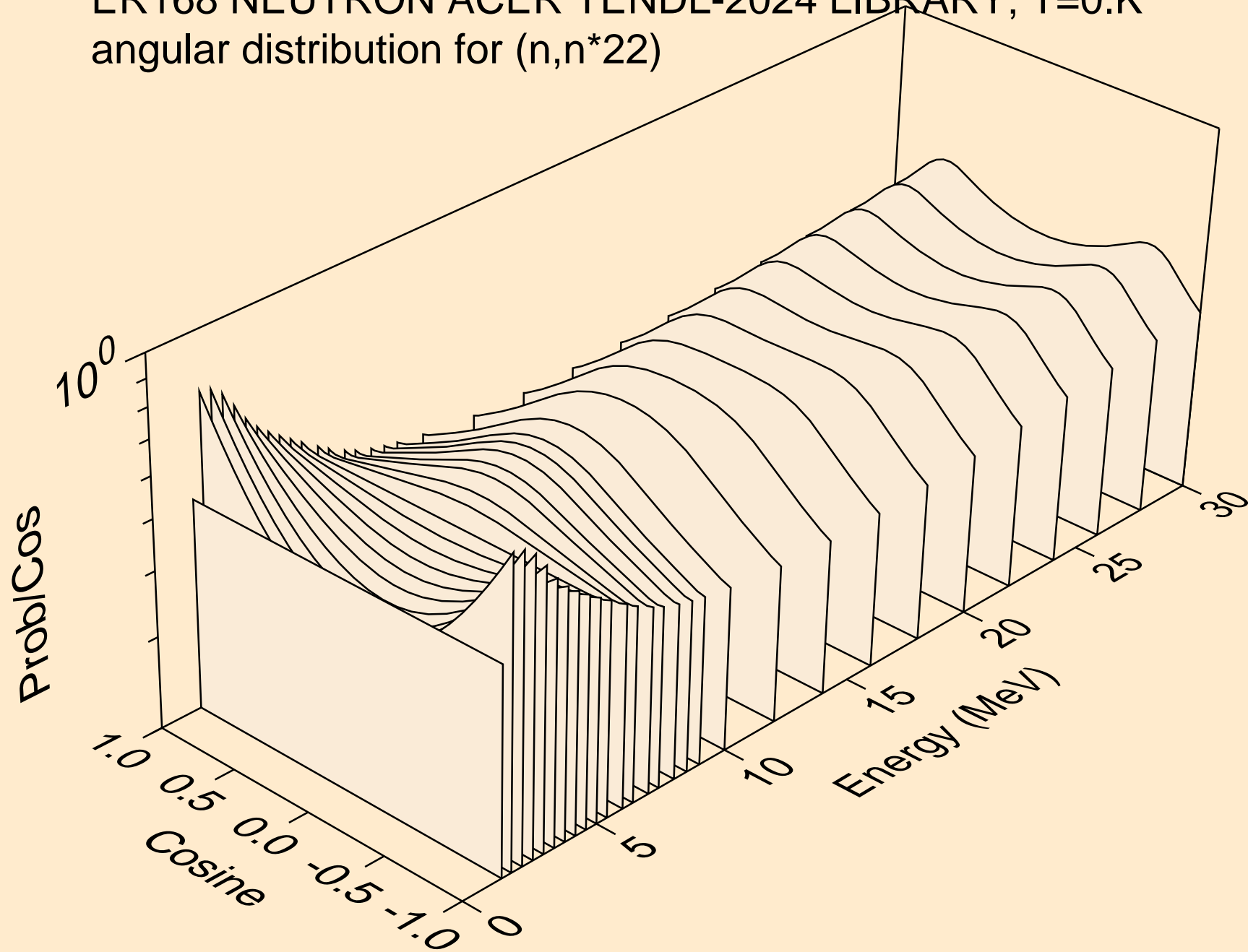
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

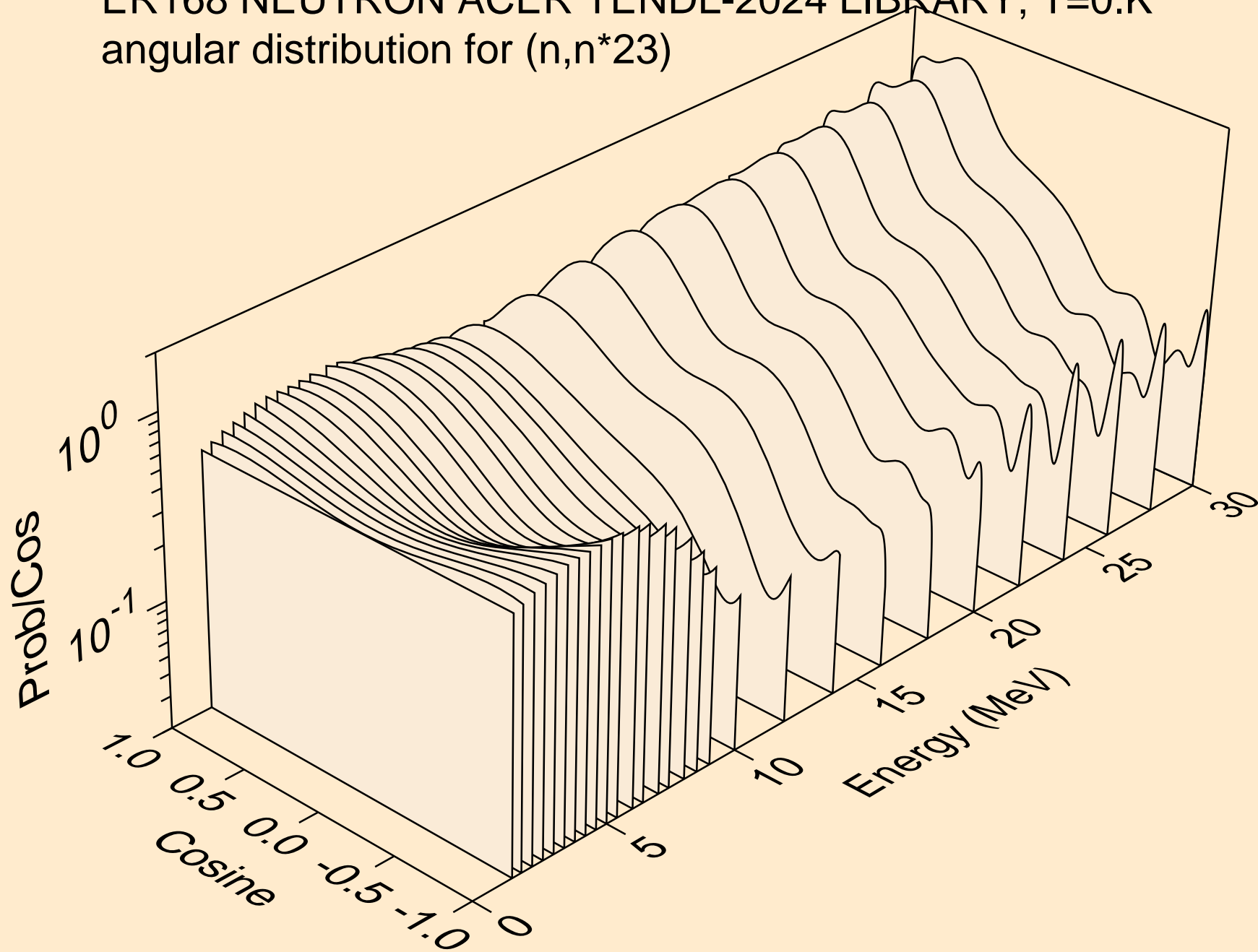


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

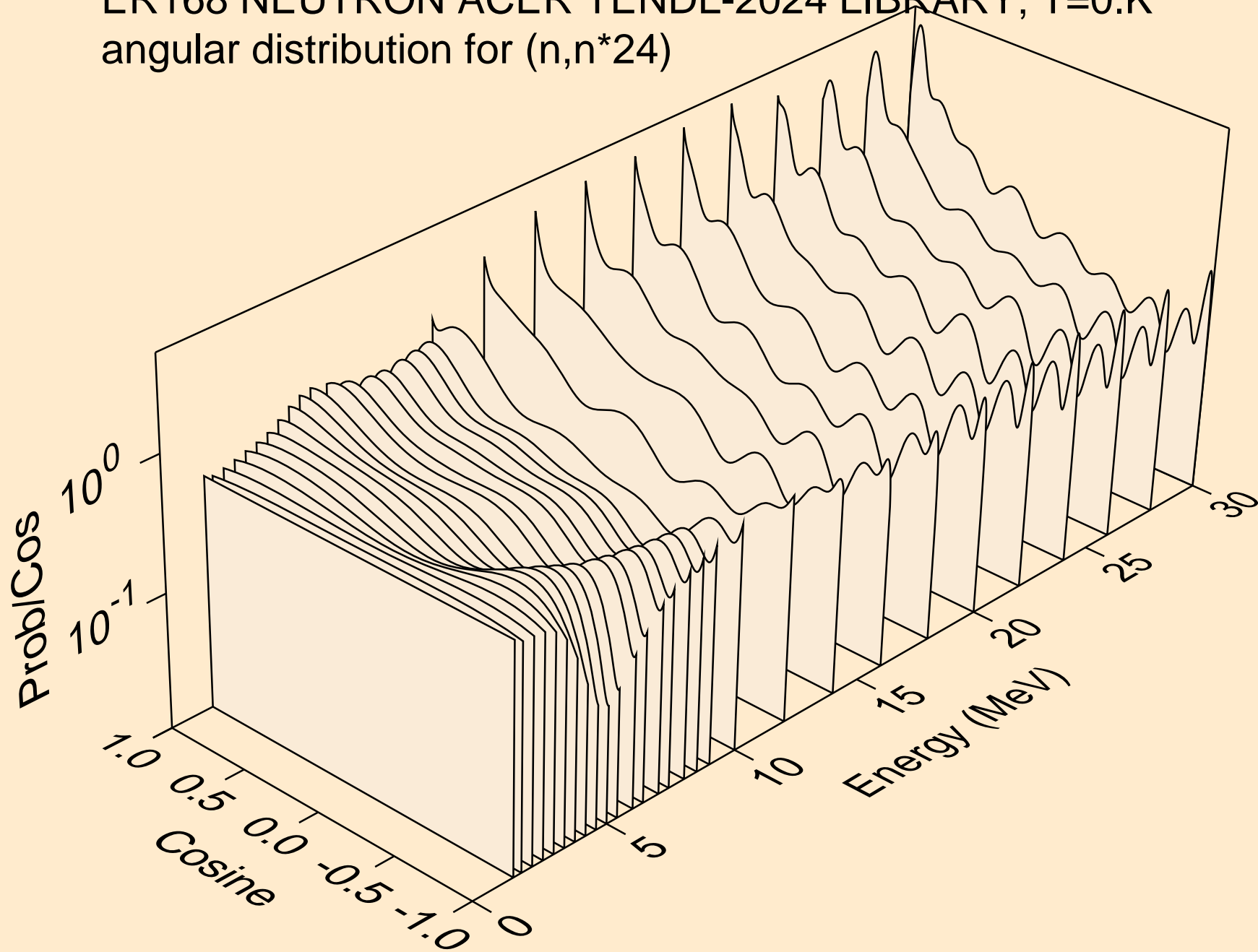




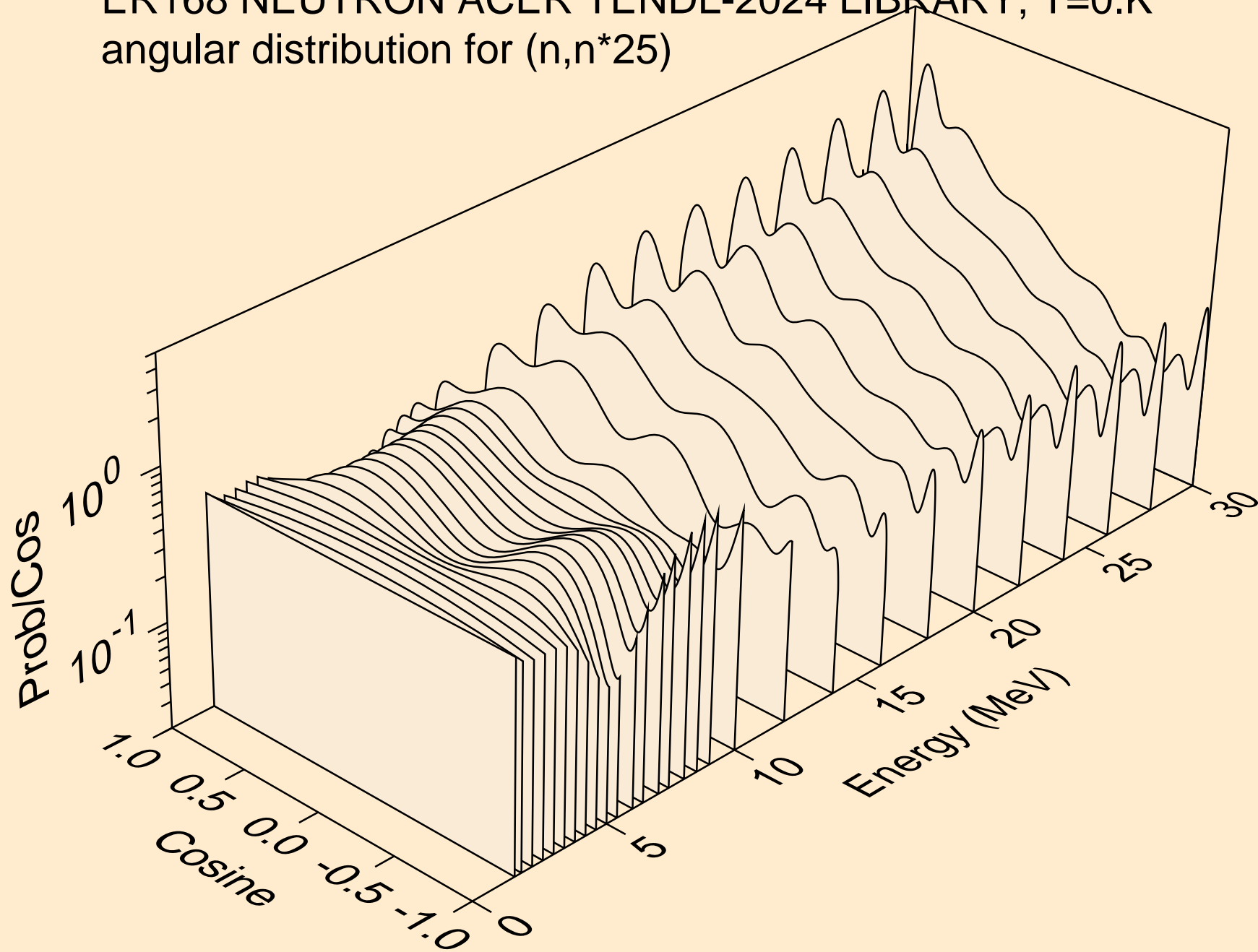
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



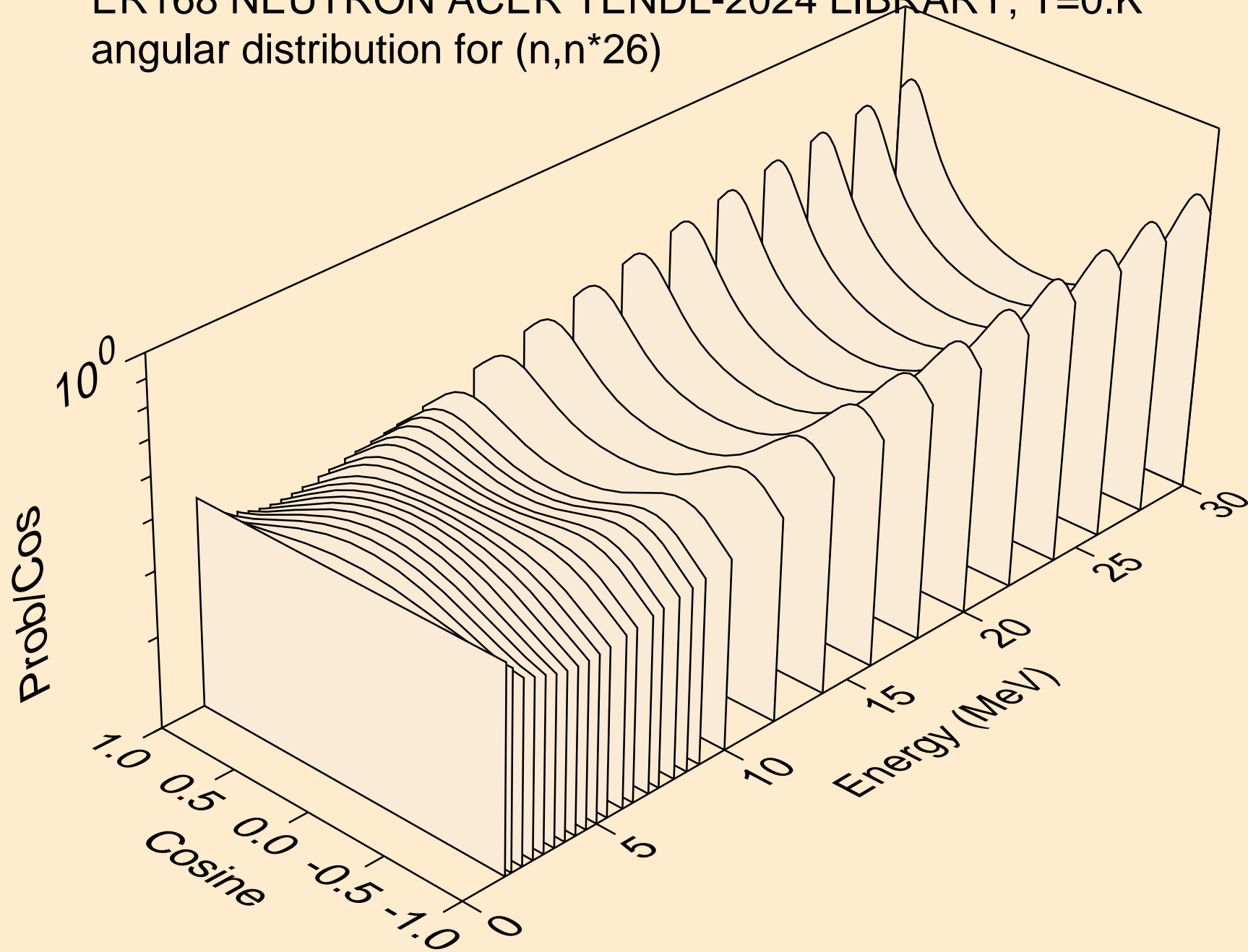
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



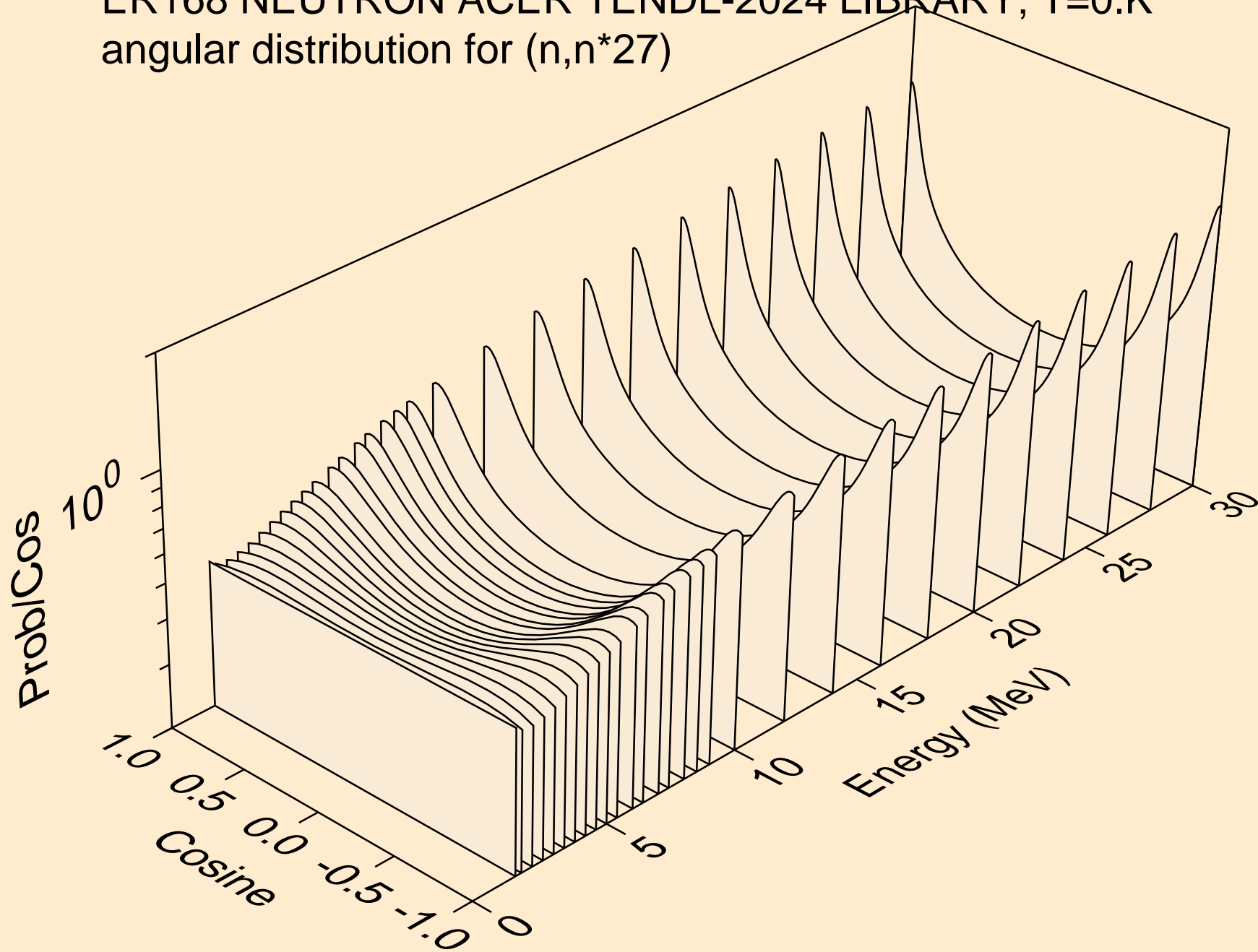
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



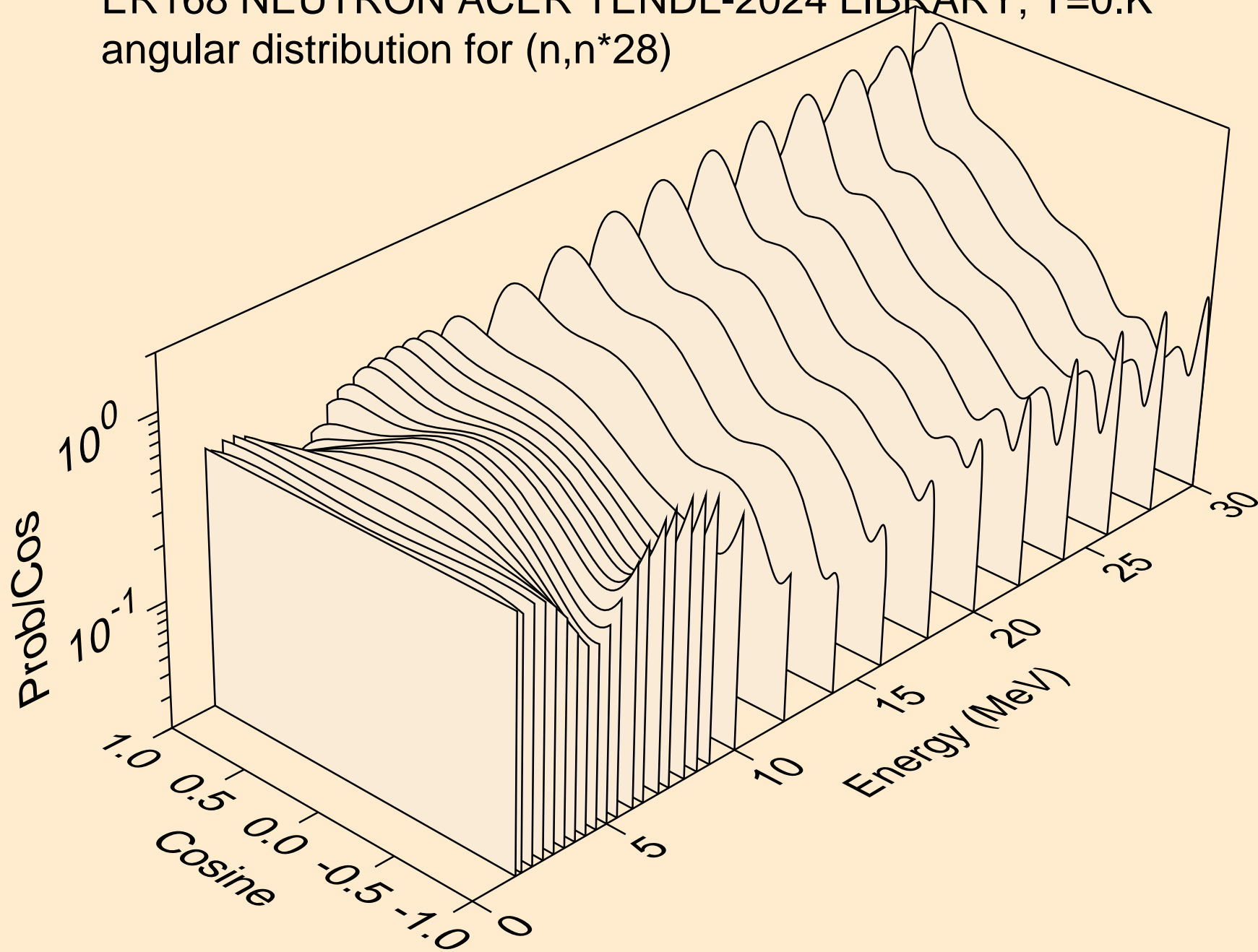
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angular distribution for (n,n\*26)



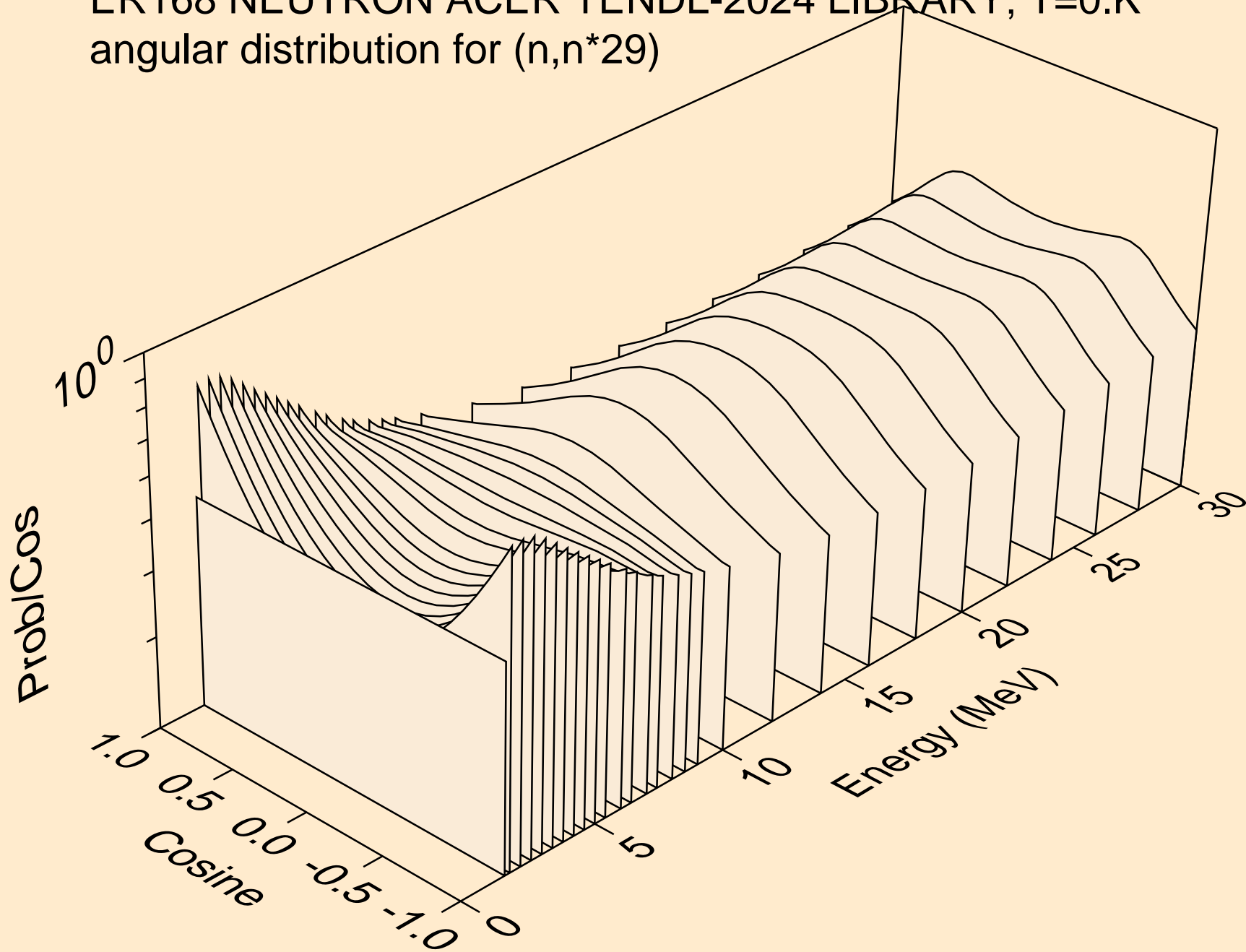
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



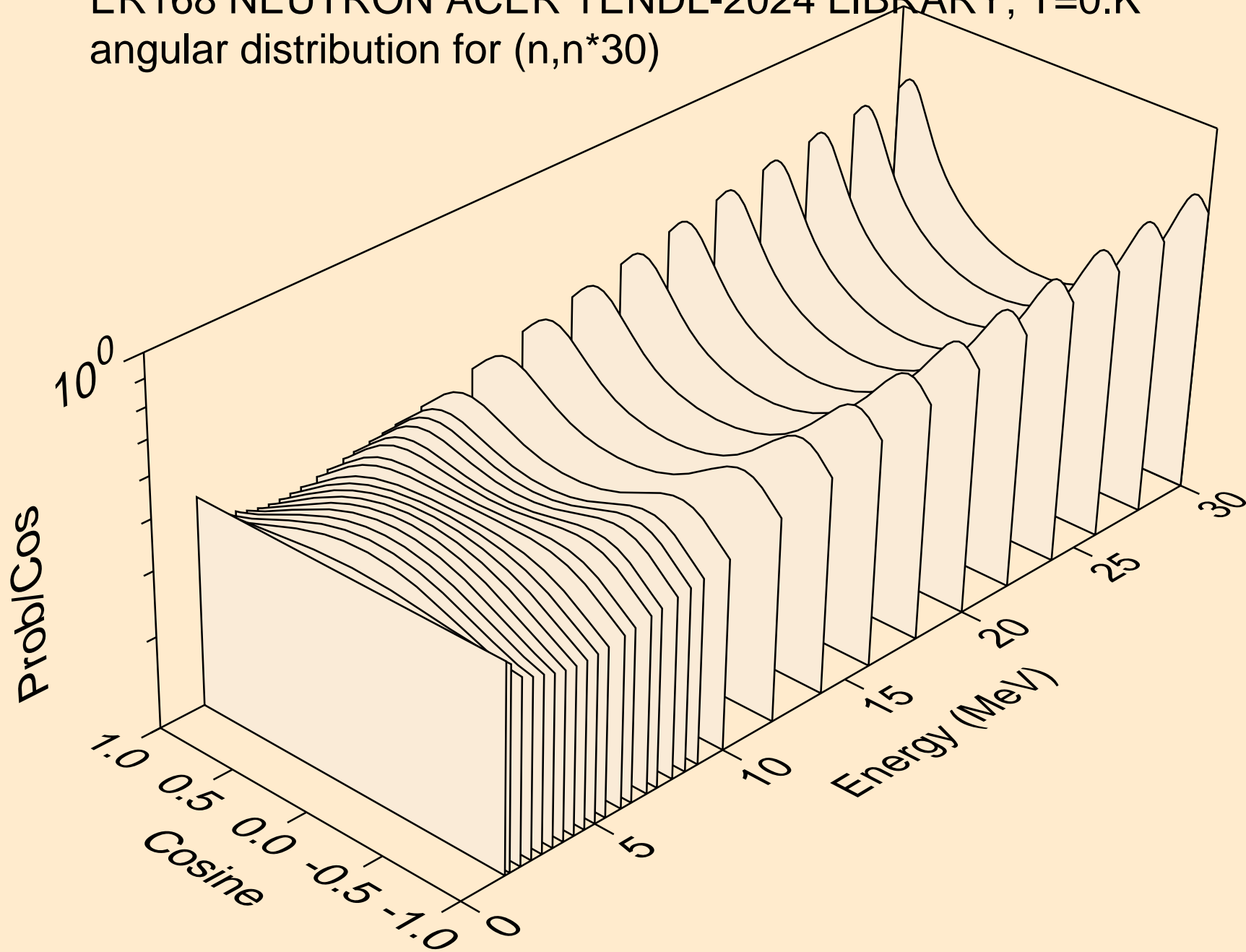
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

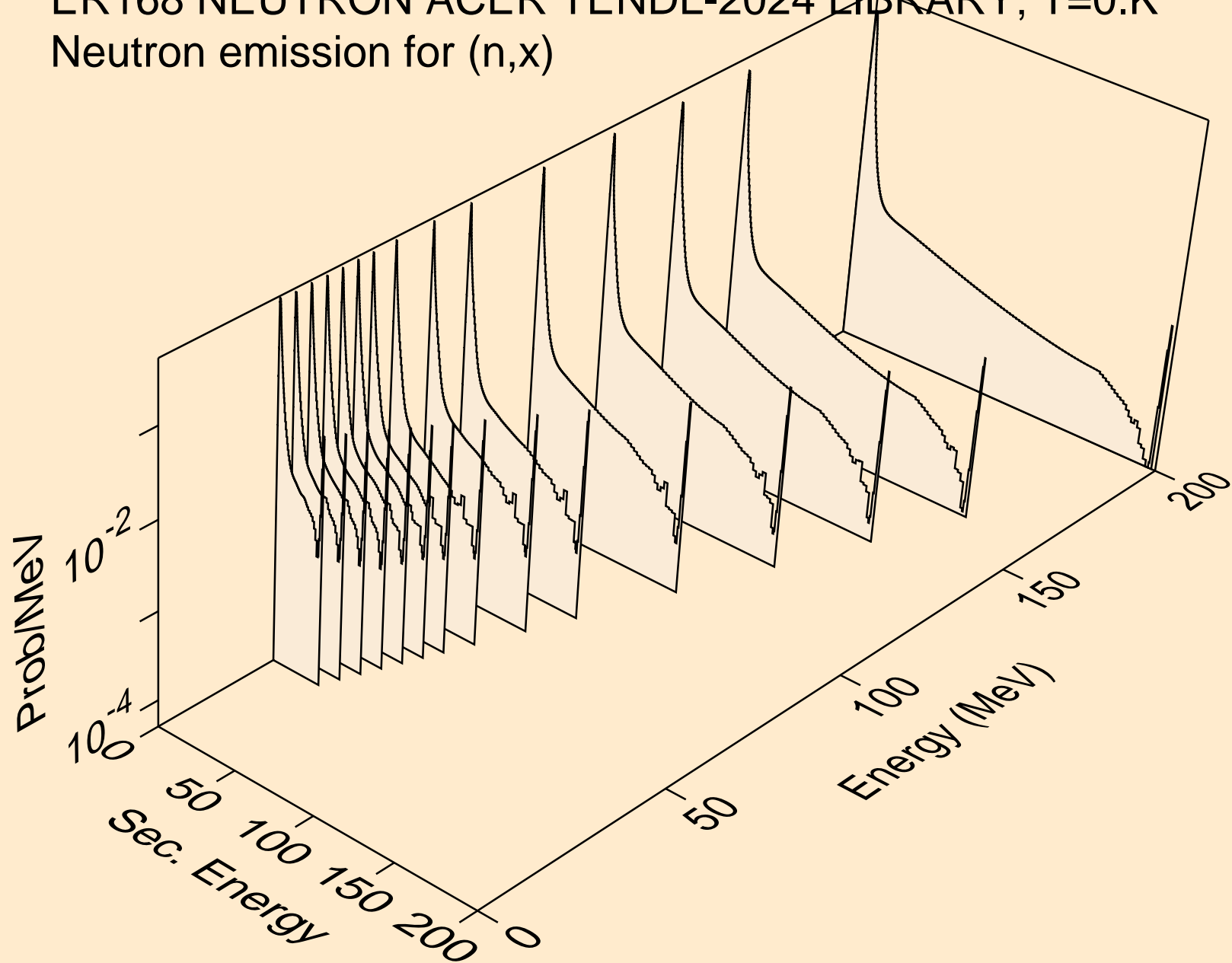


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

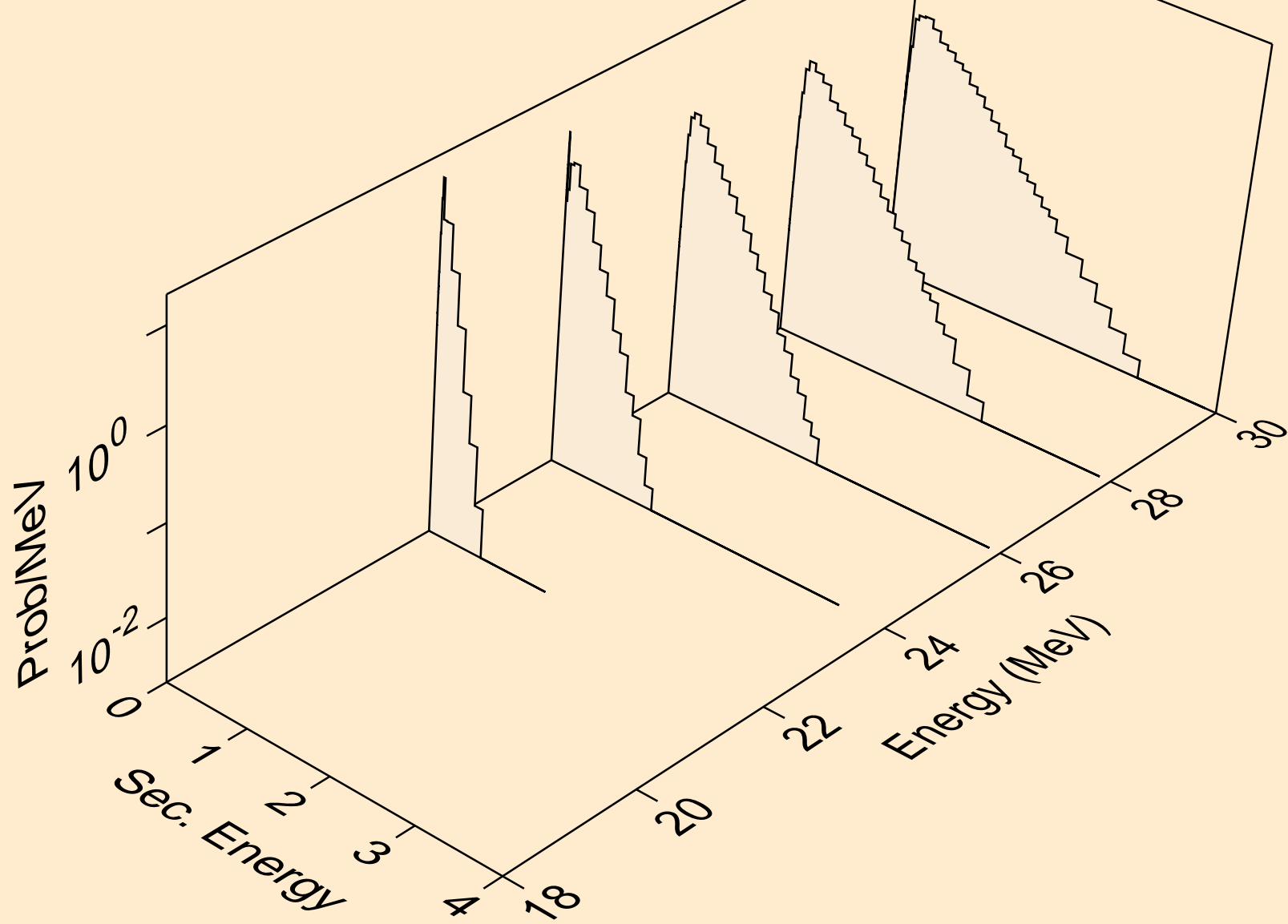




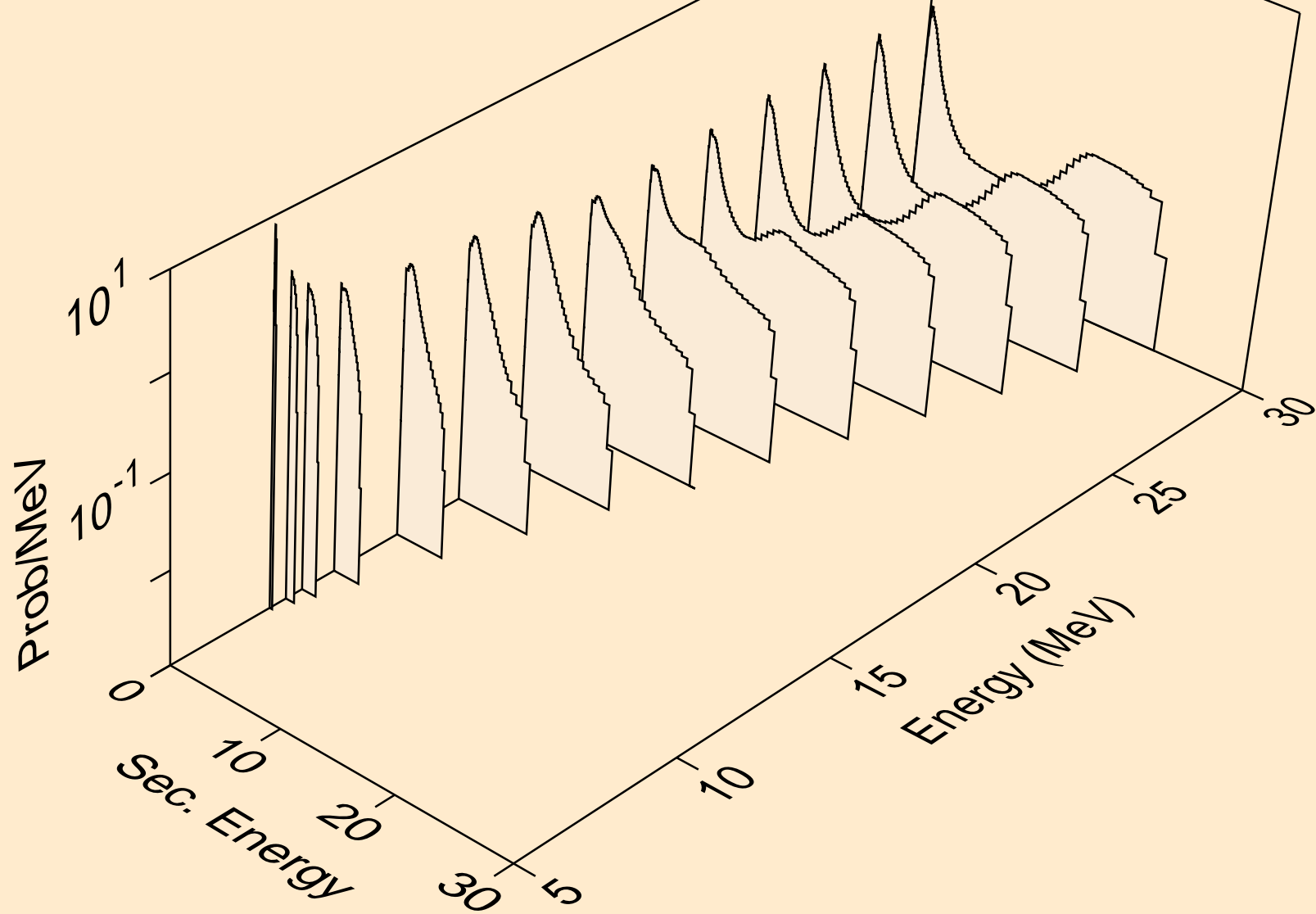
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



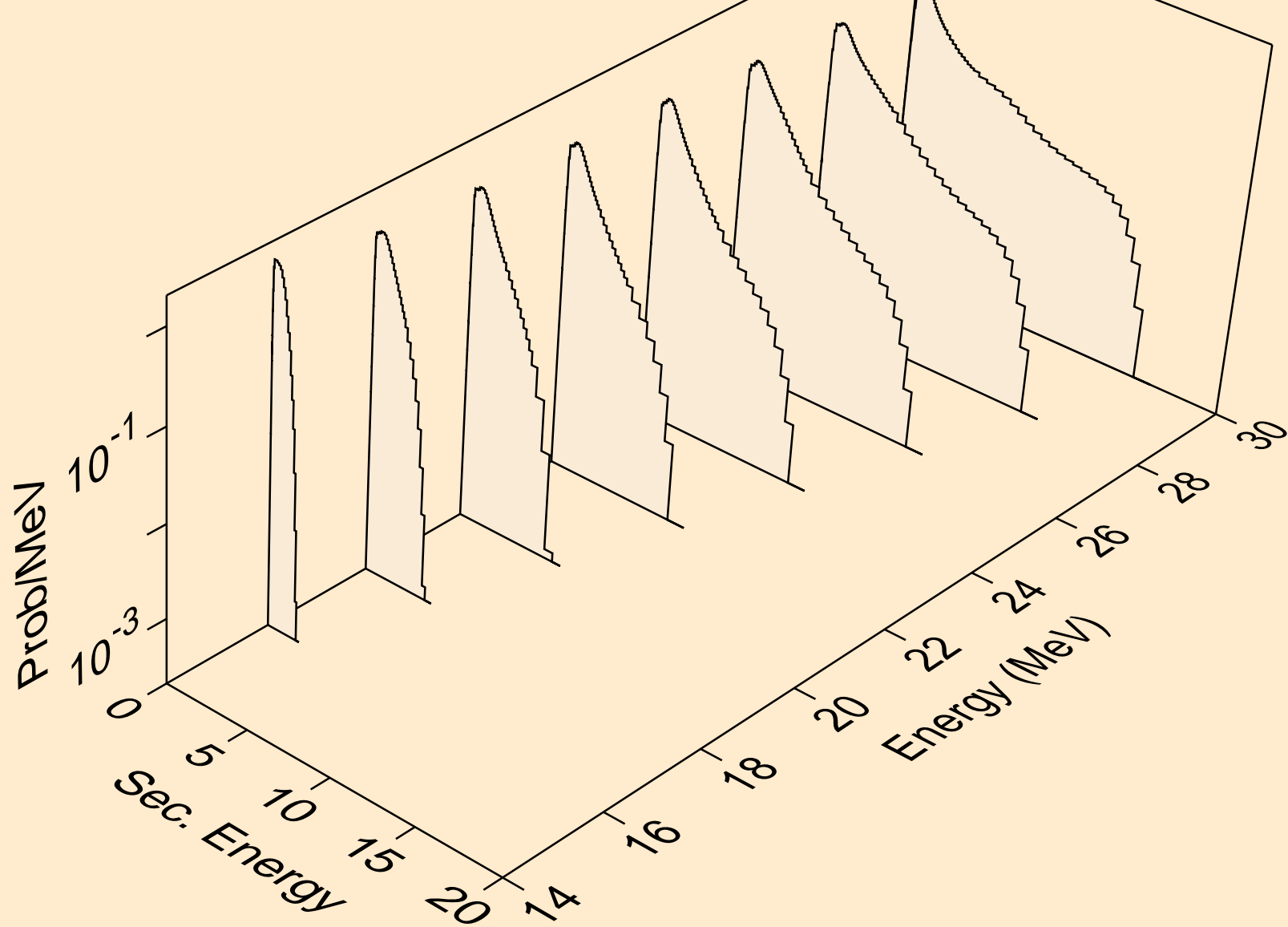
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



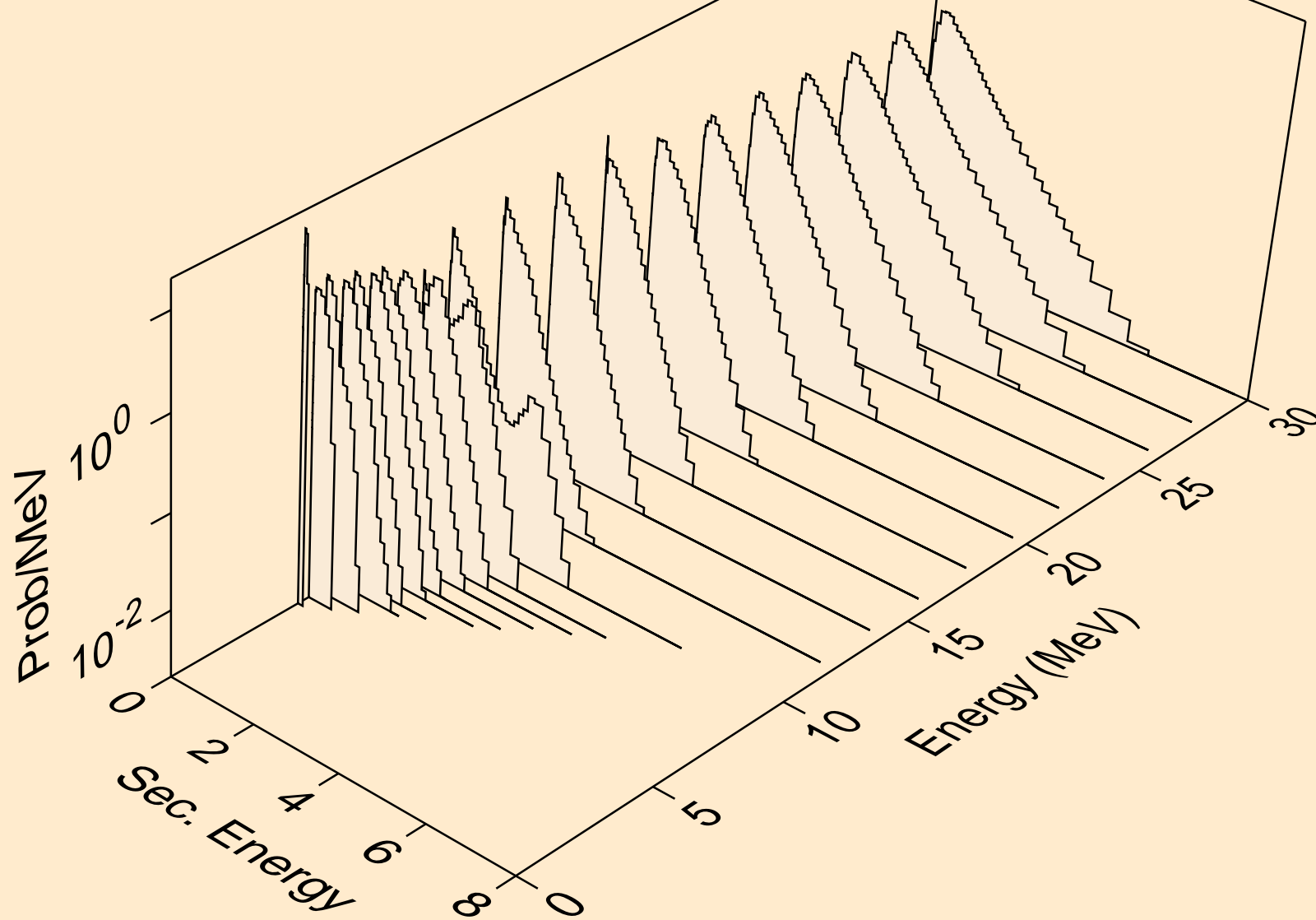
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



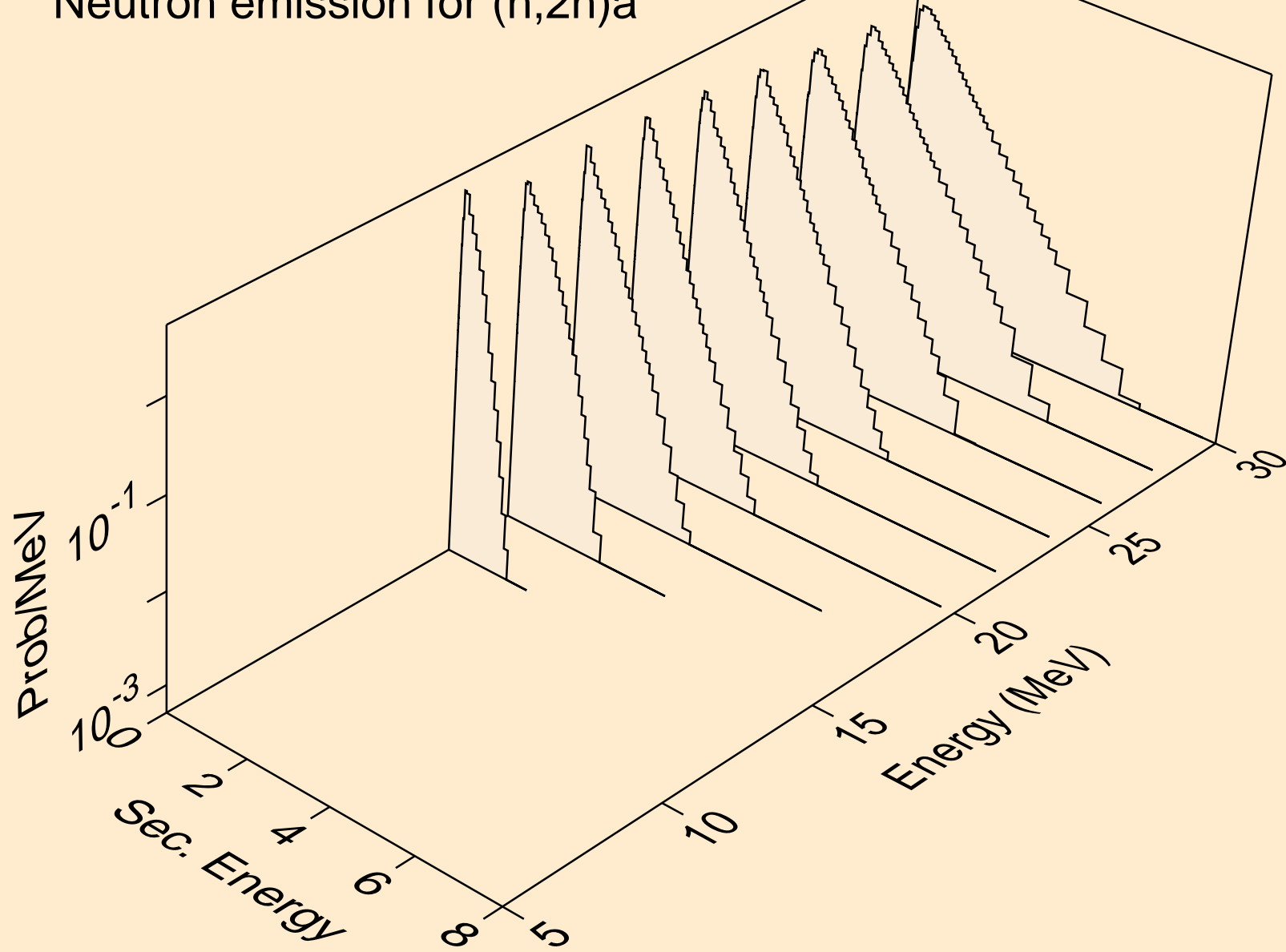
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



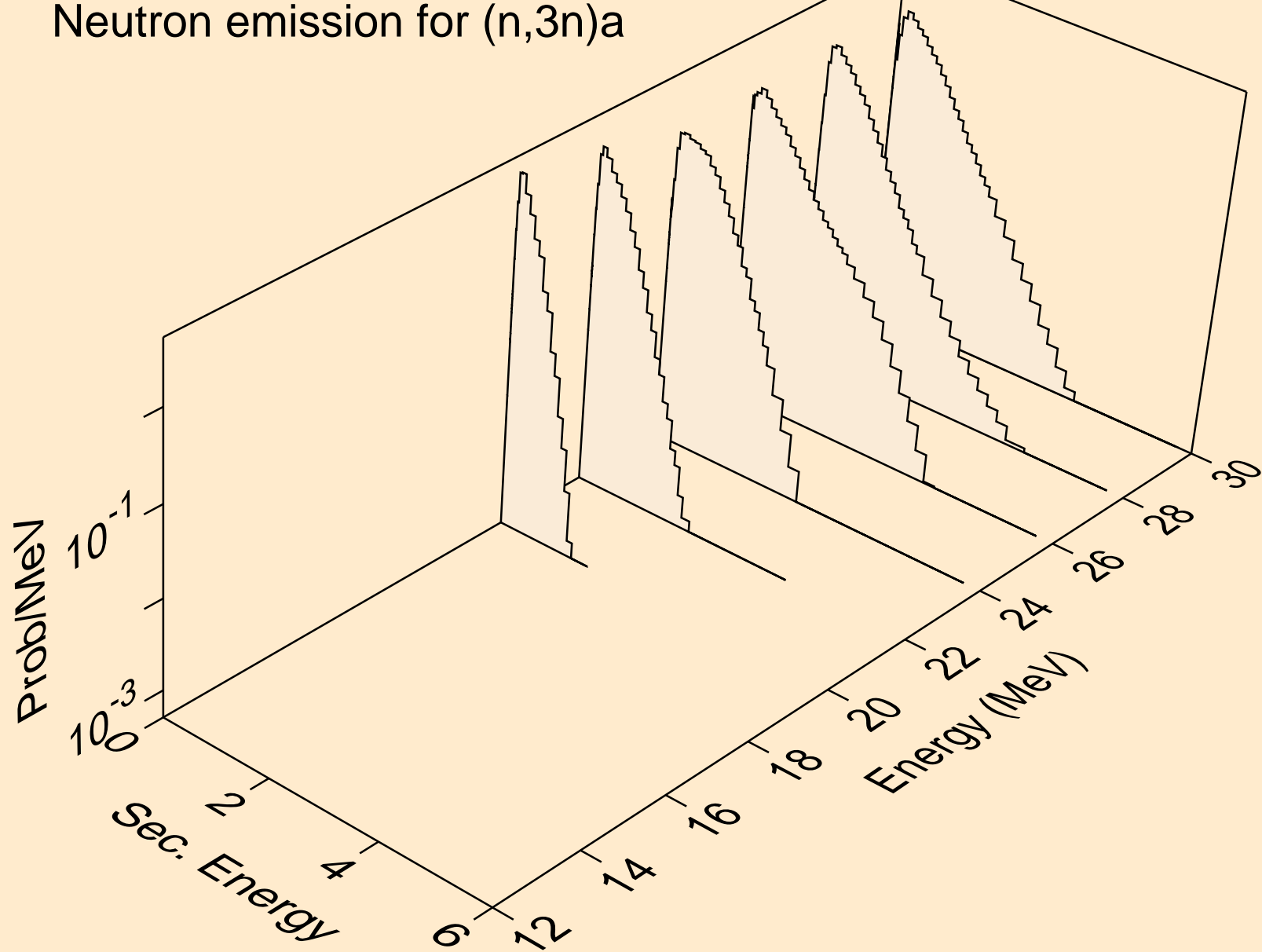
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



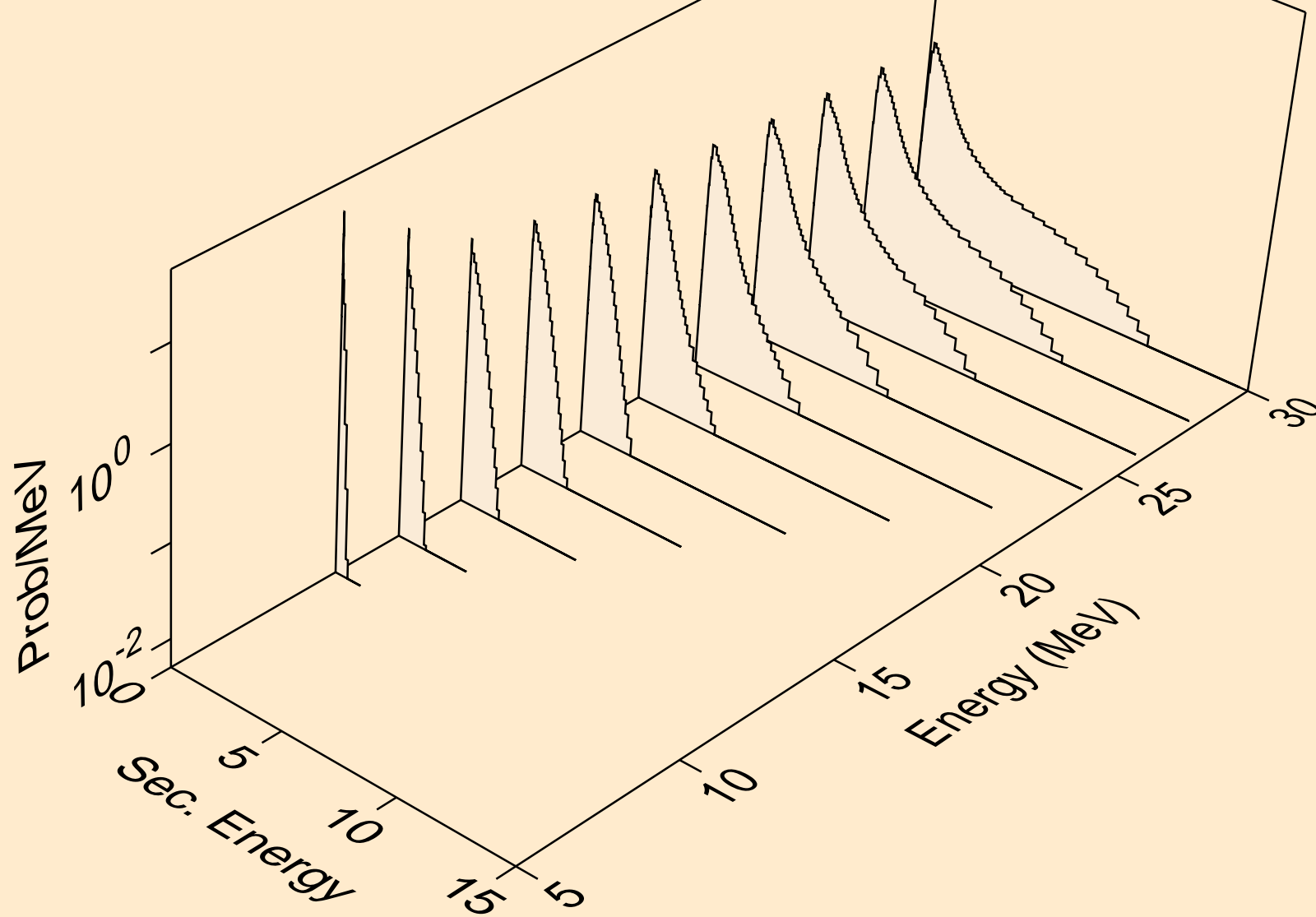
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

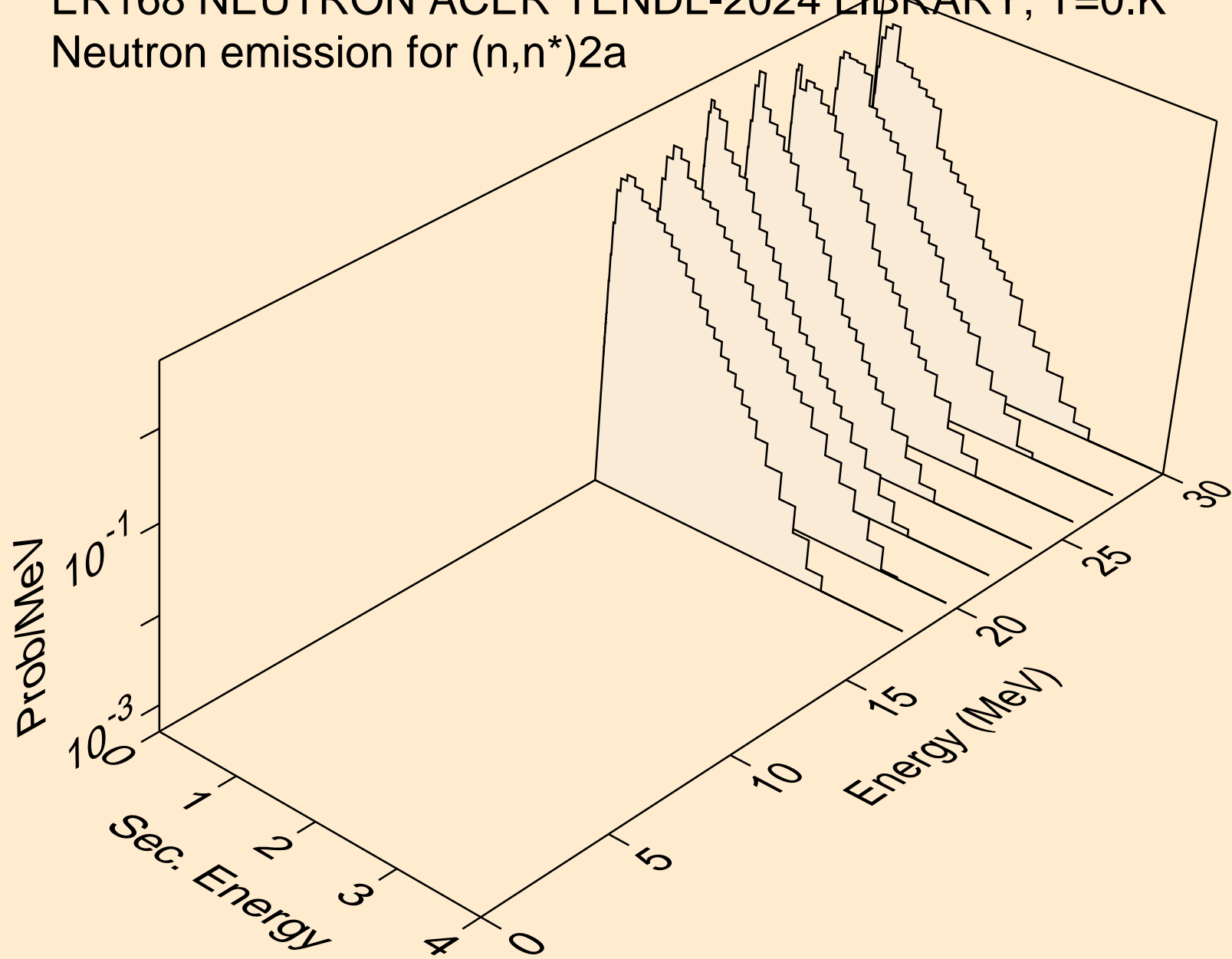


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

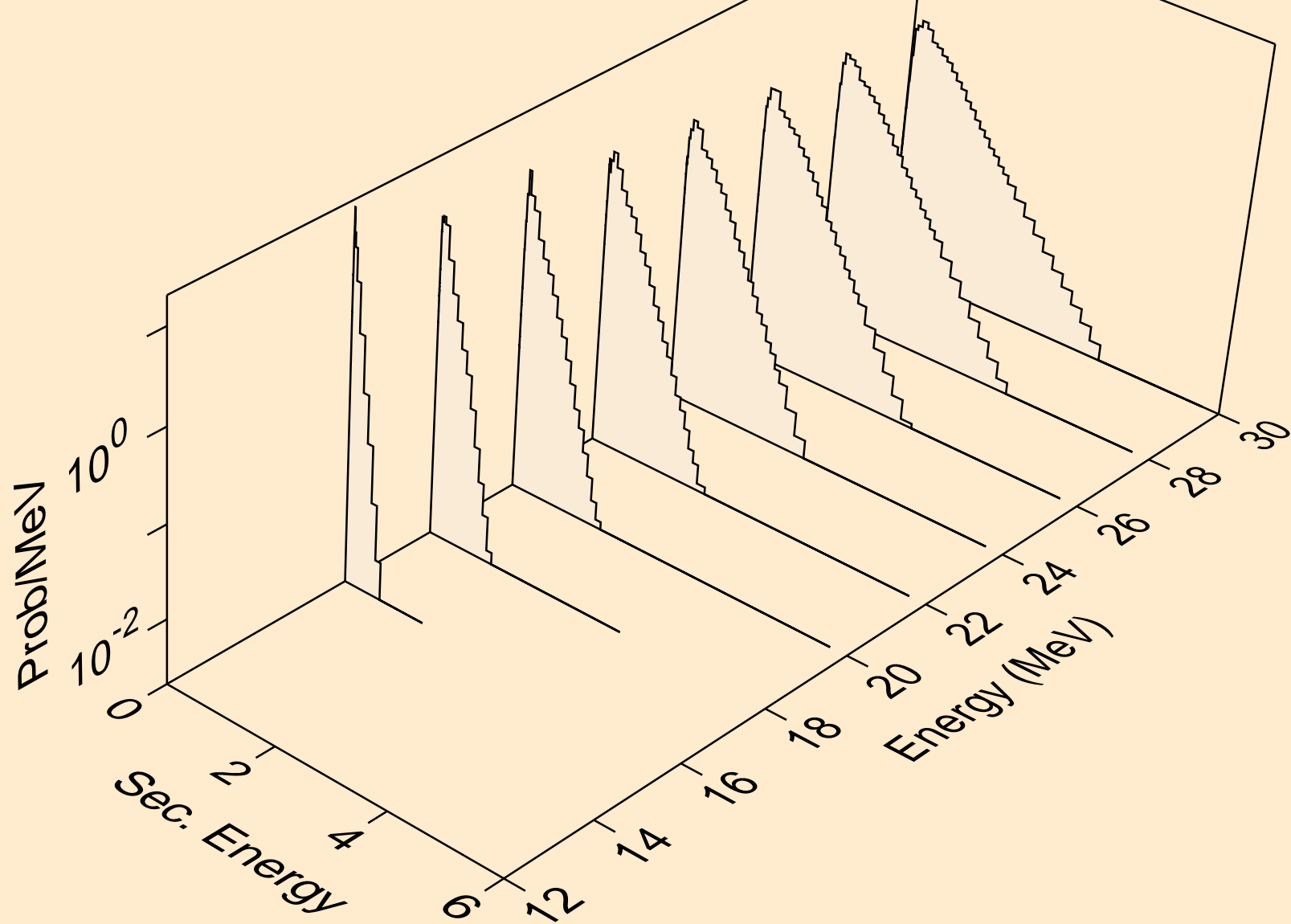




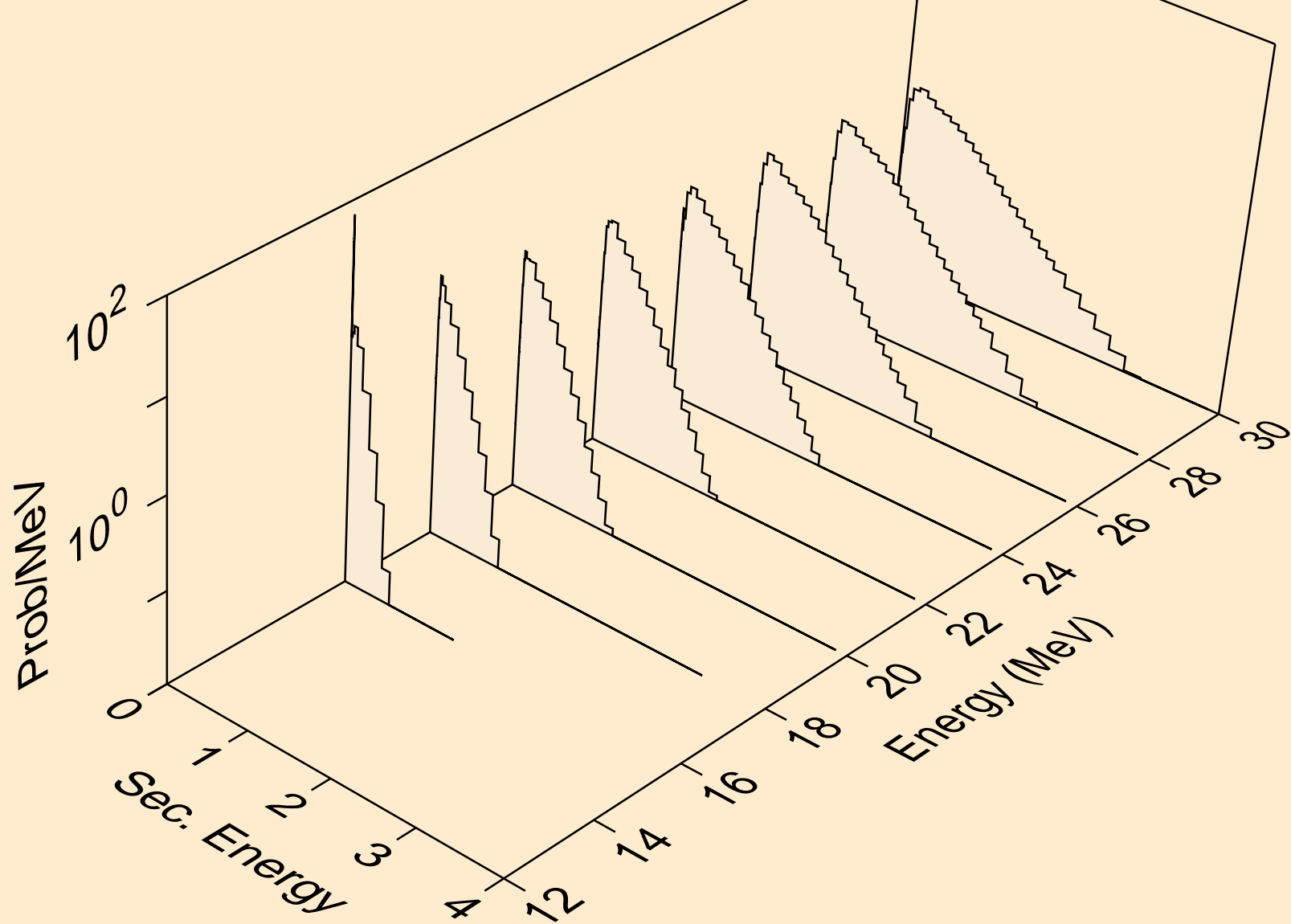
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



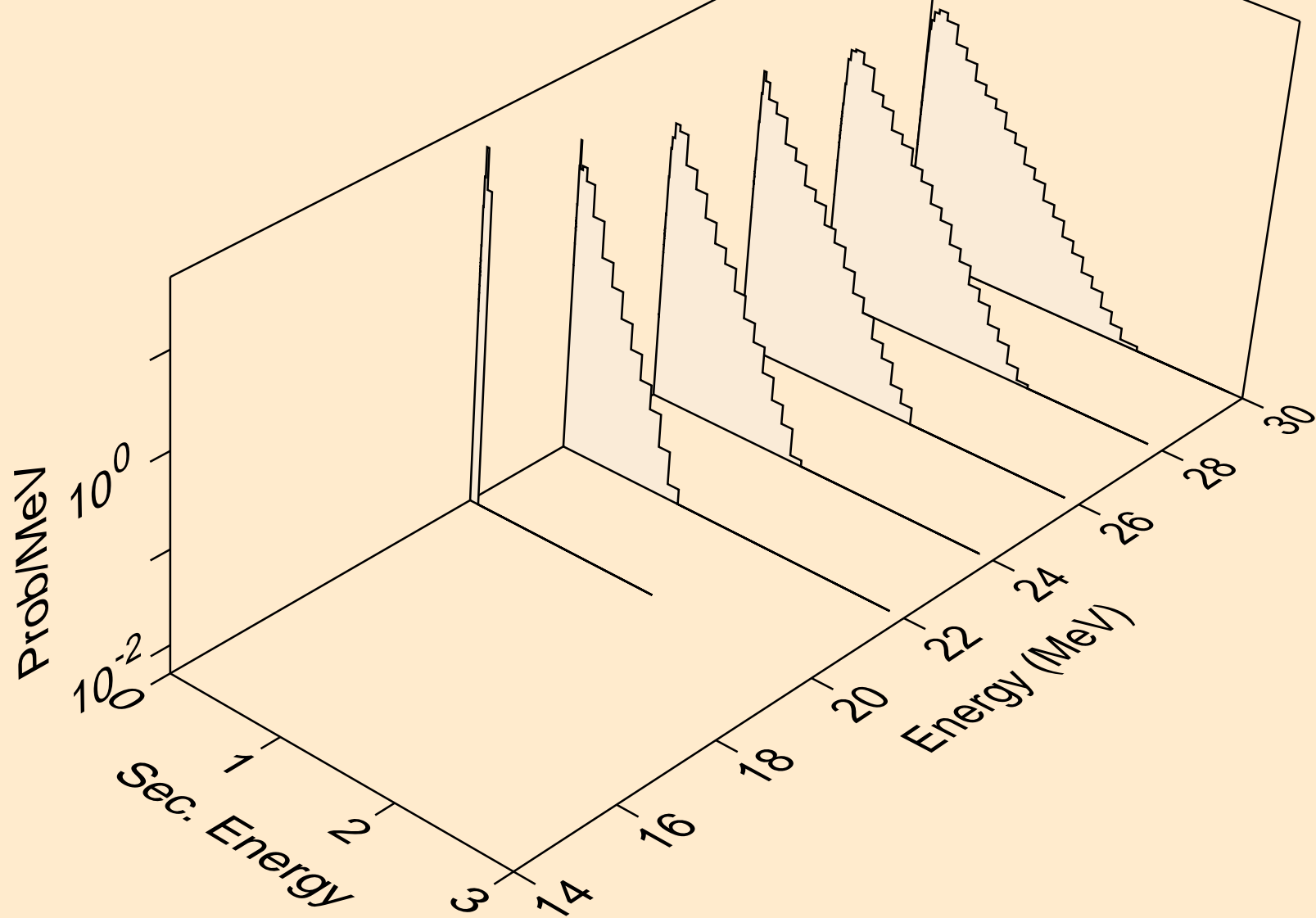
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



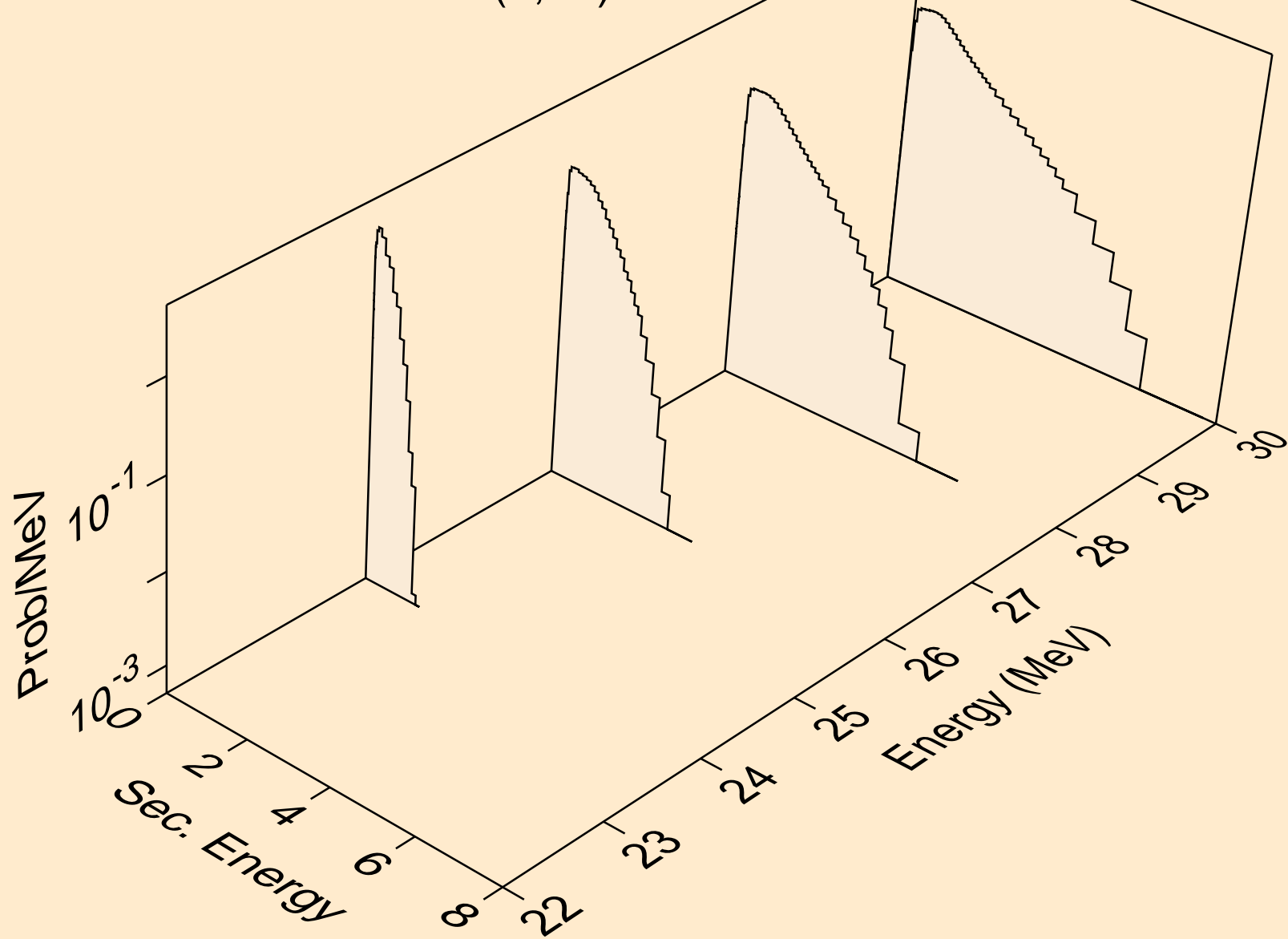
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



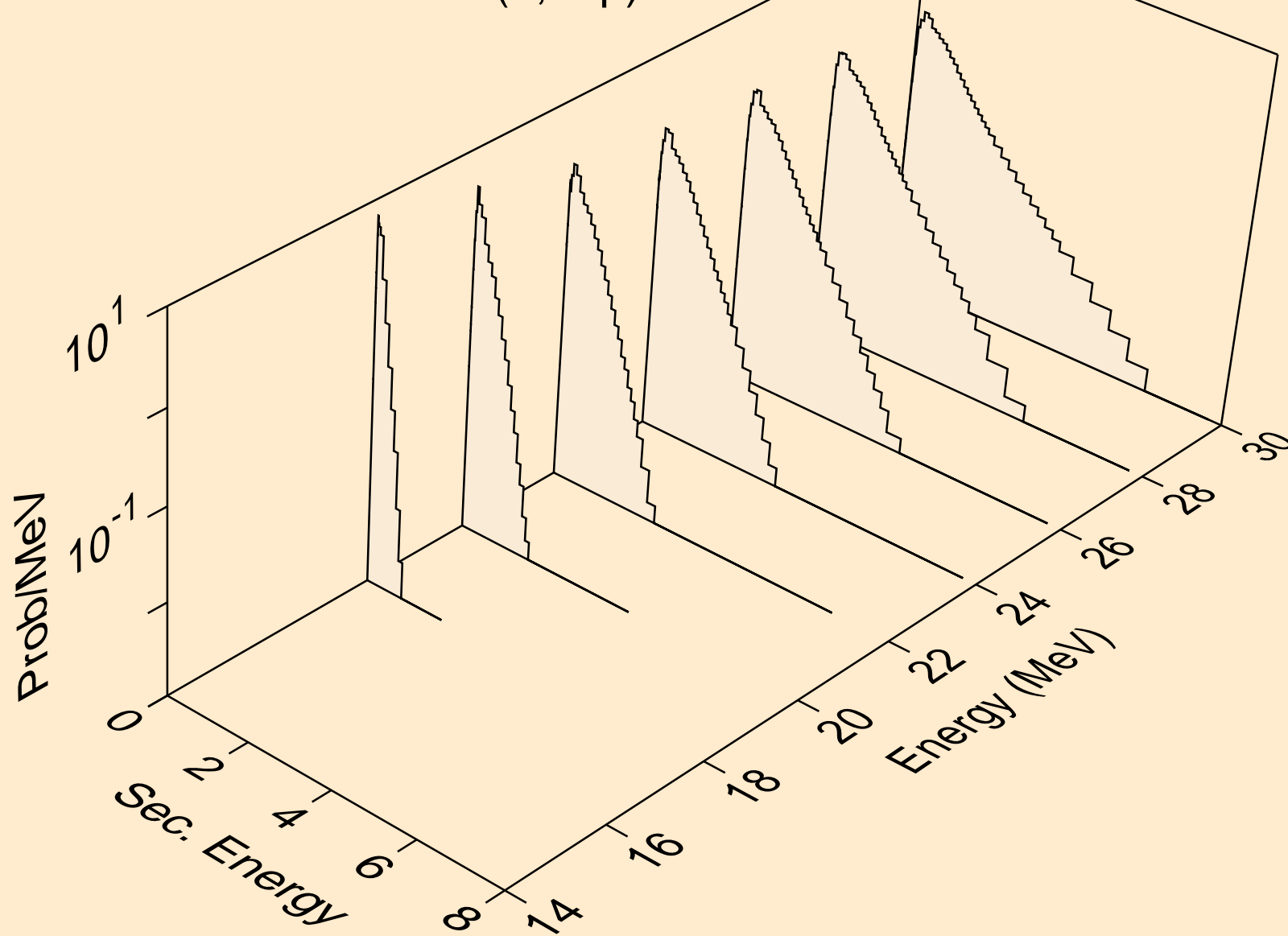
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



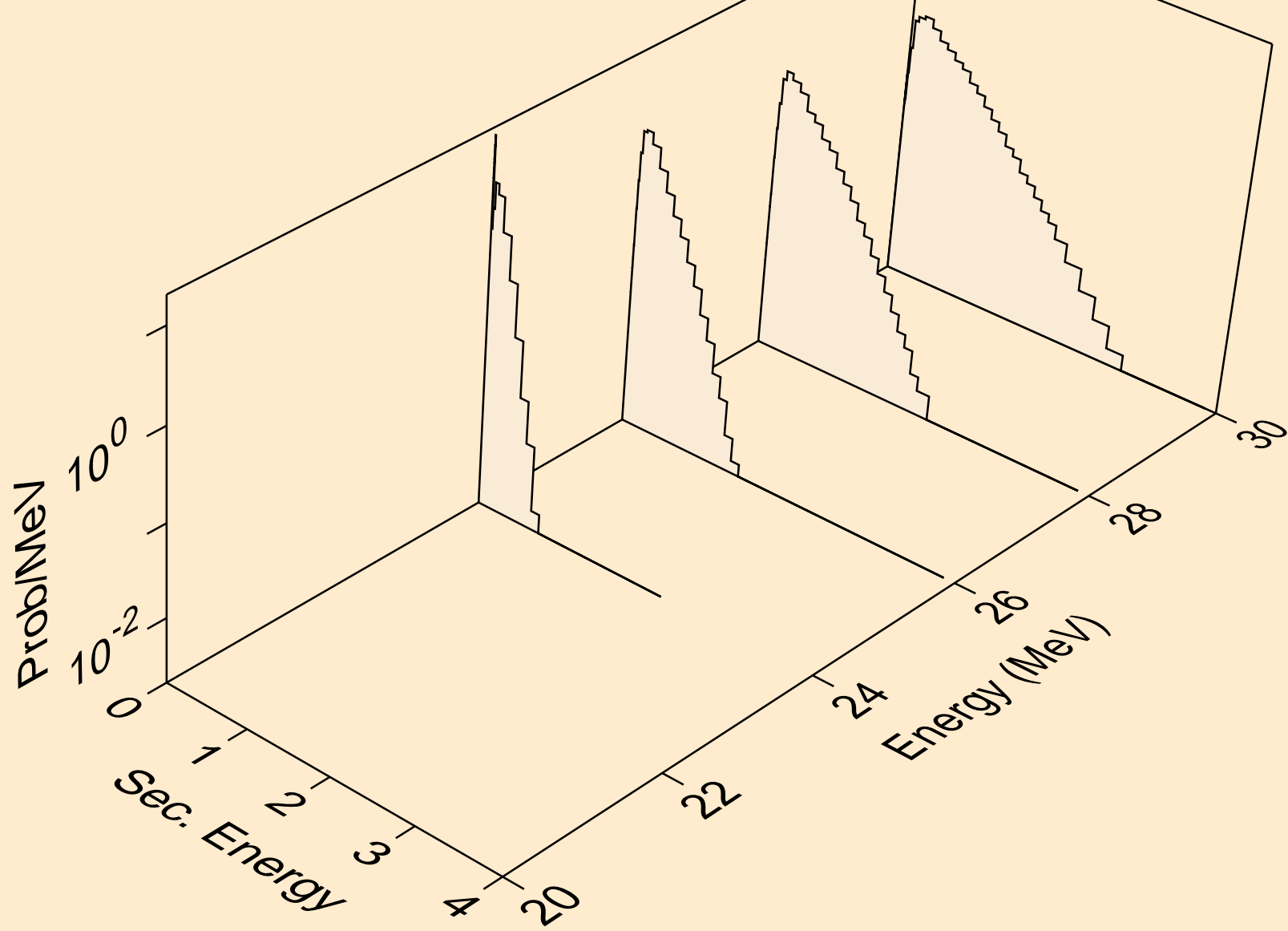
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



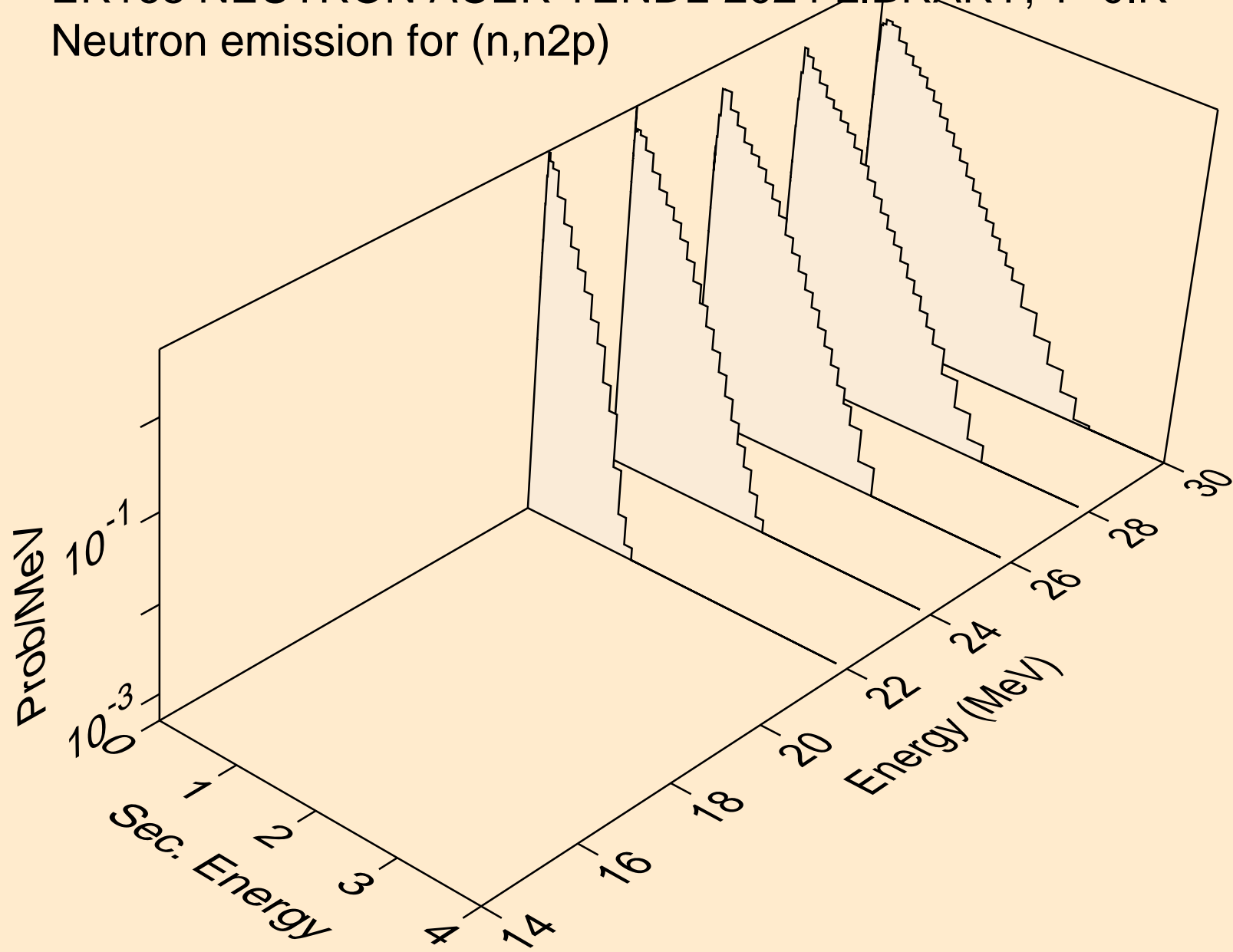
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

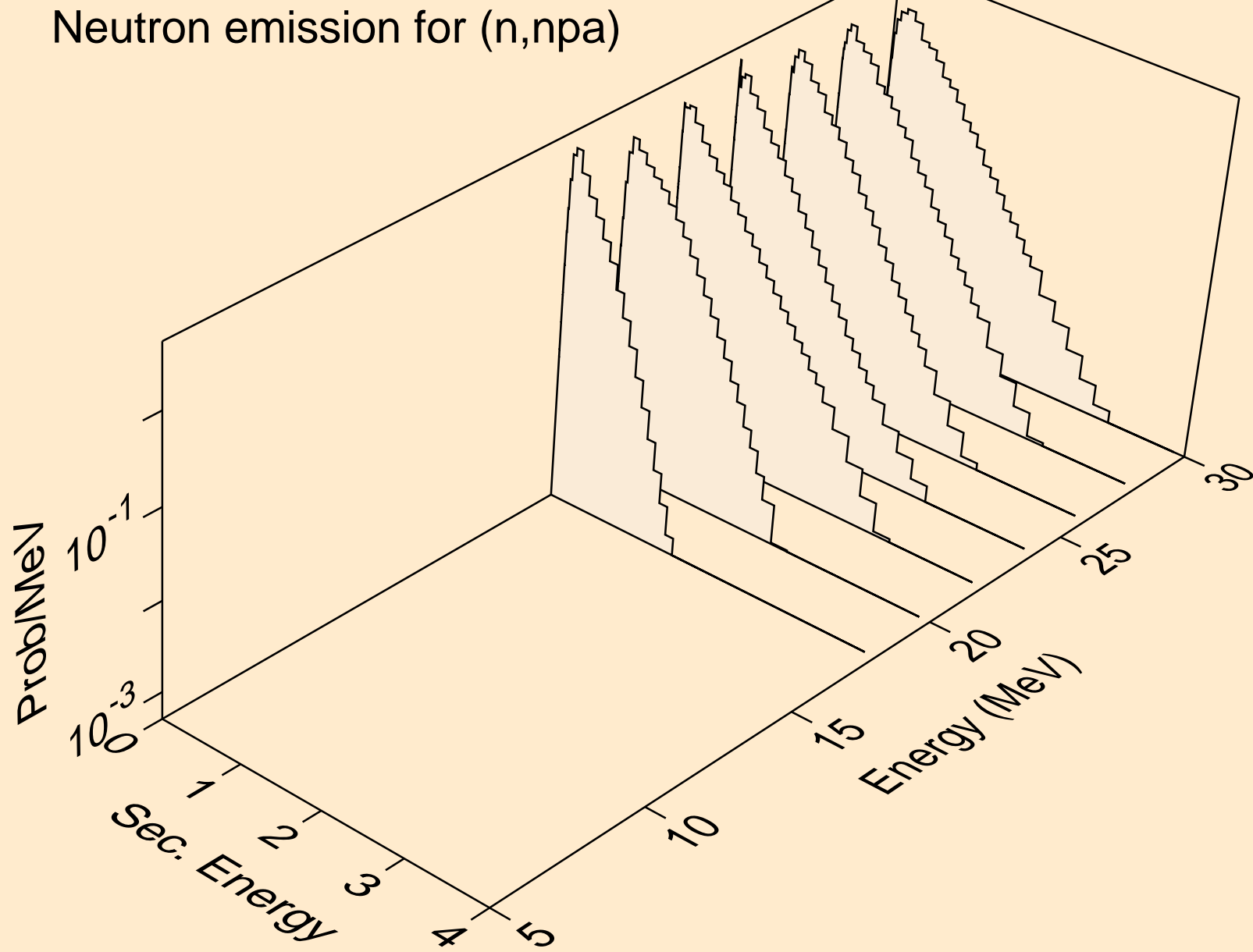


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

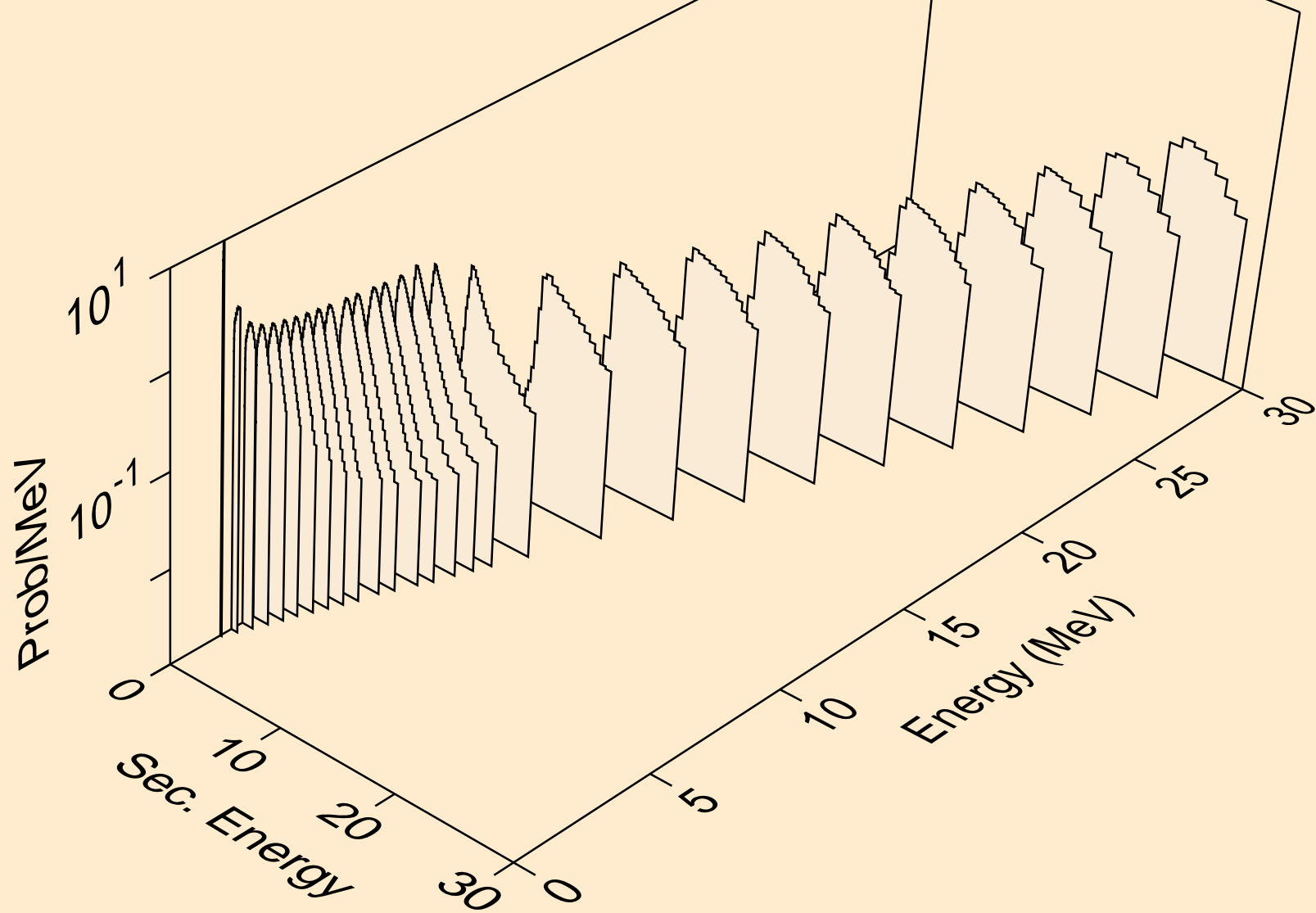




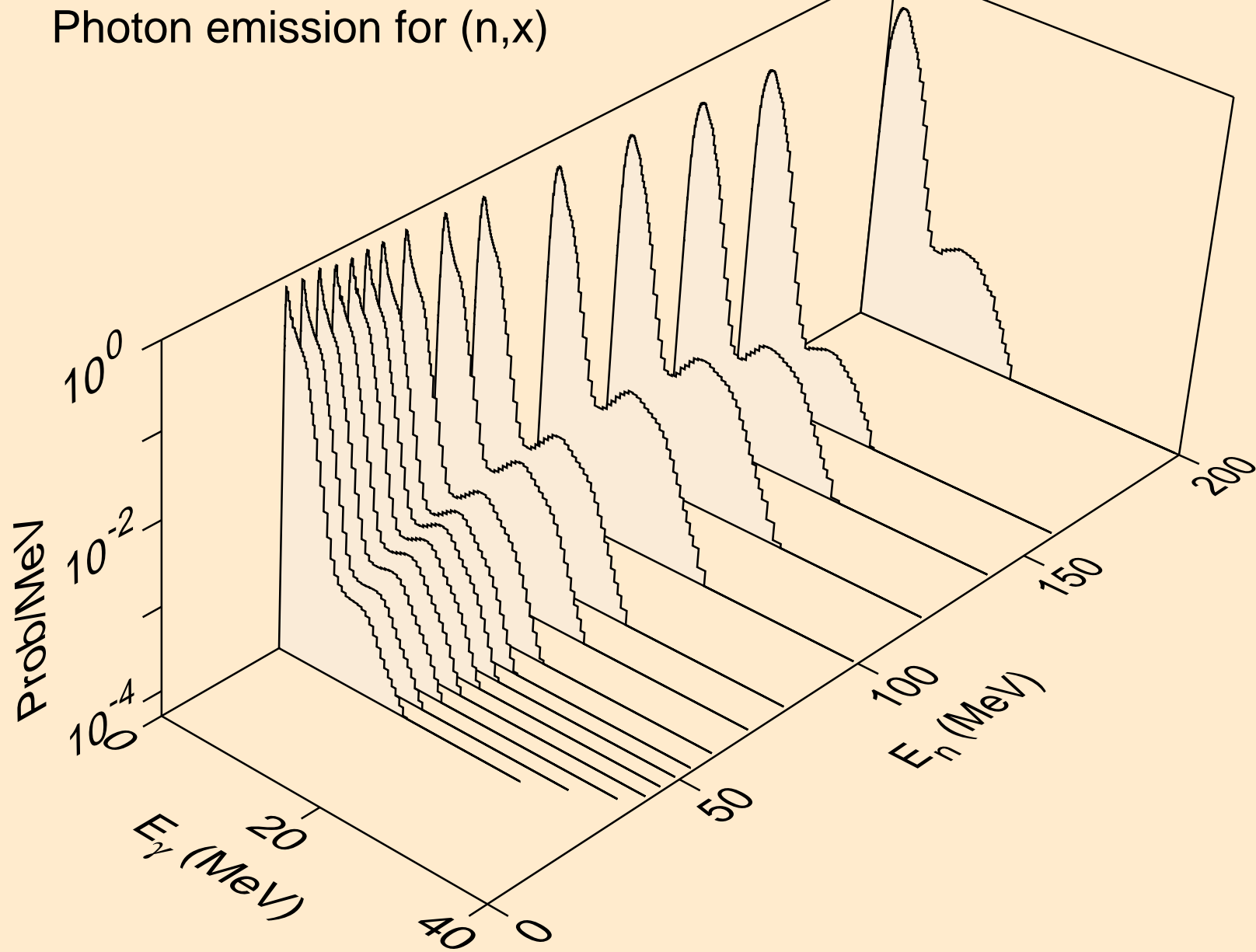
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



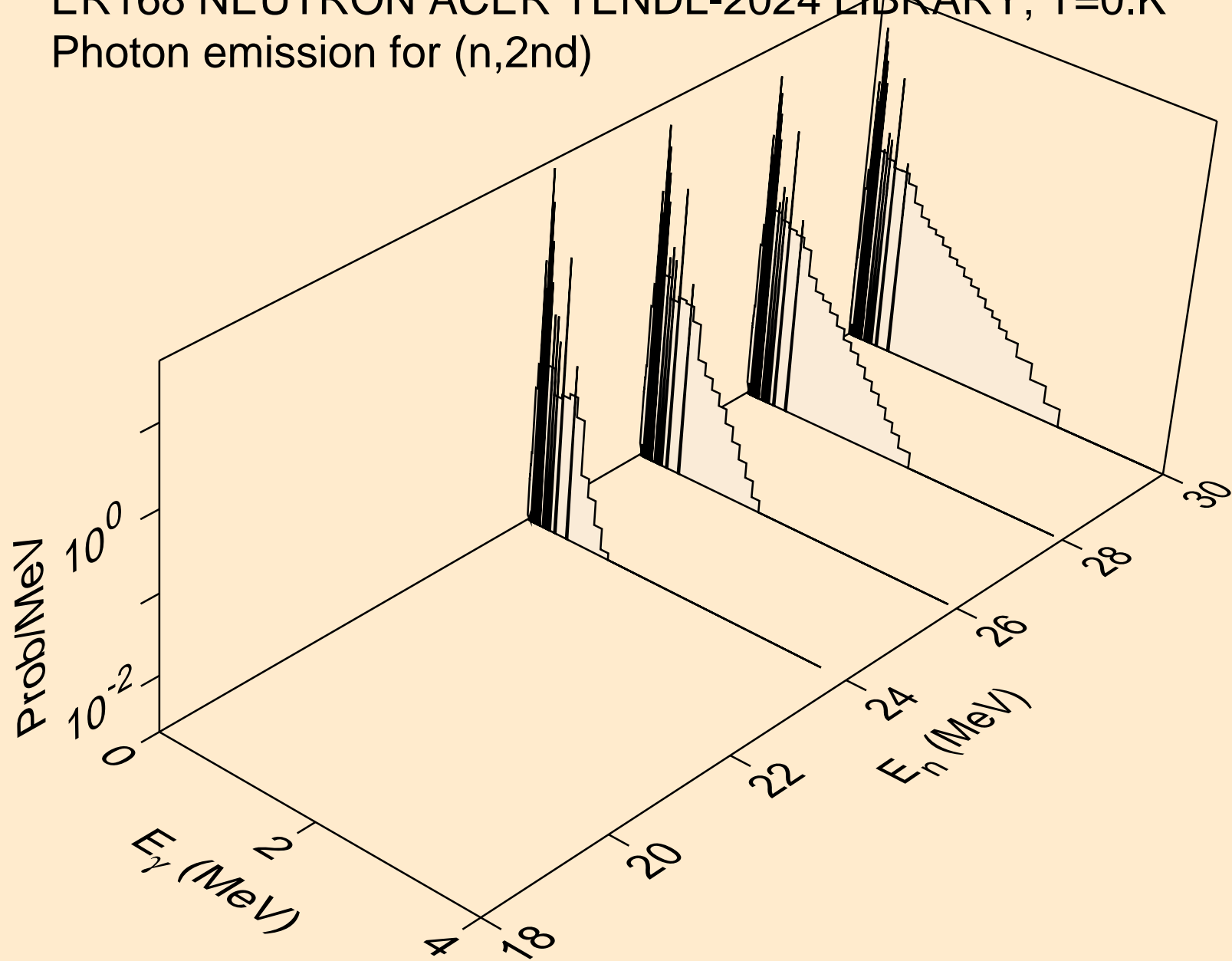
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



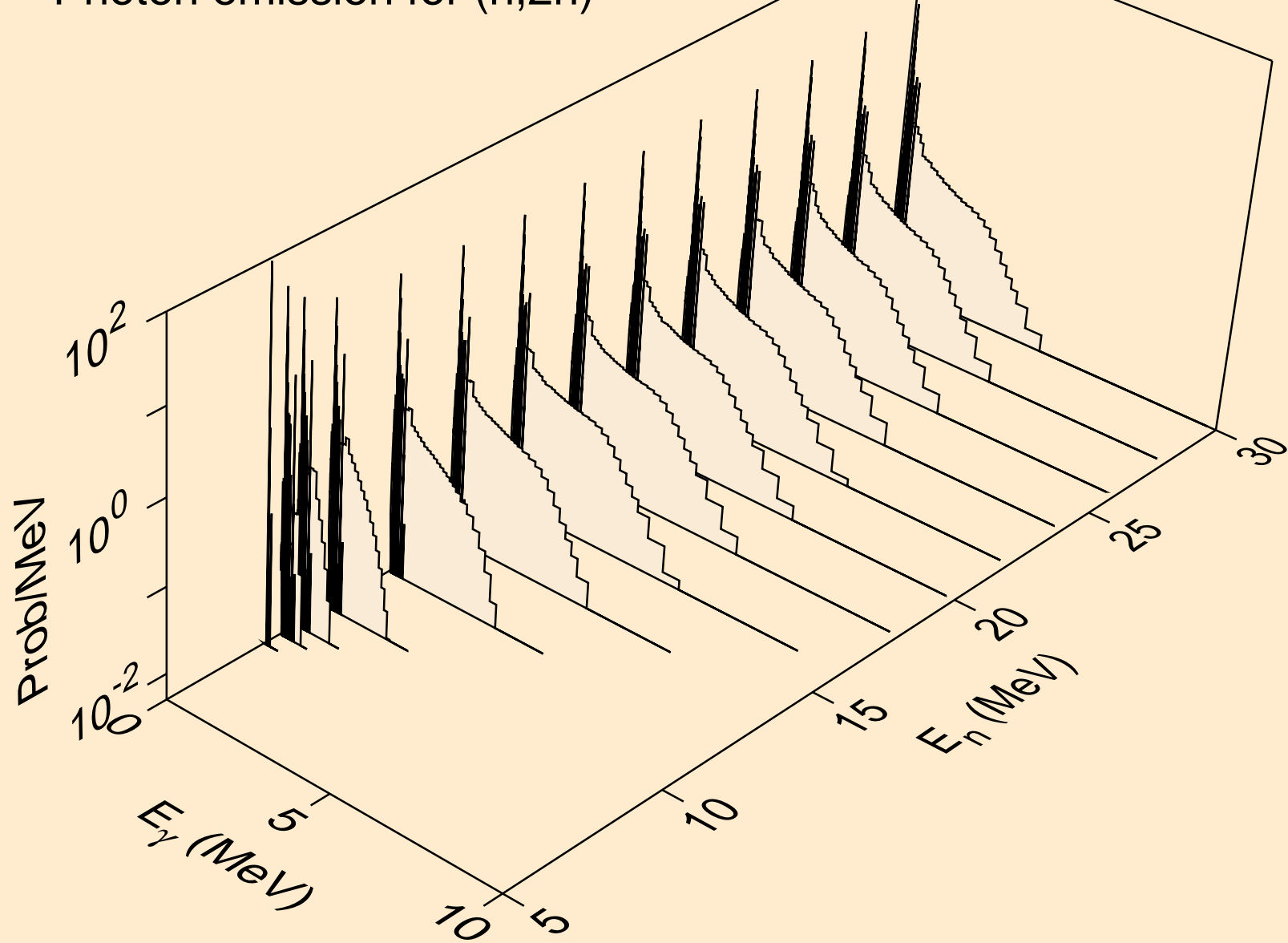
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Photon emission for (n,x)



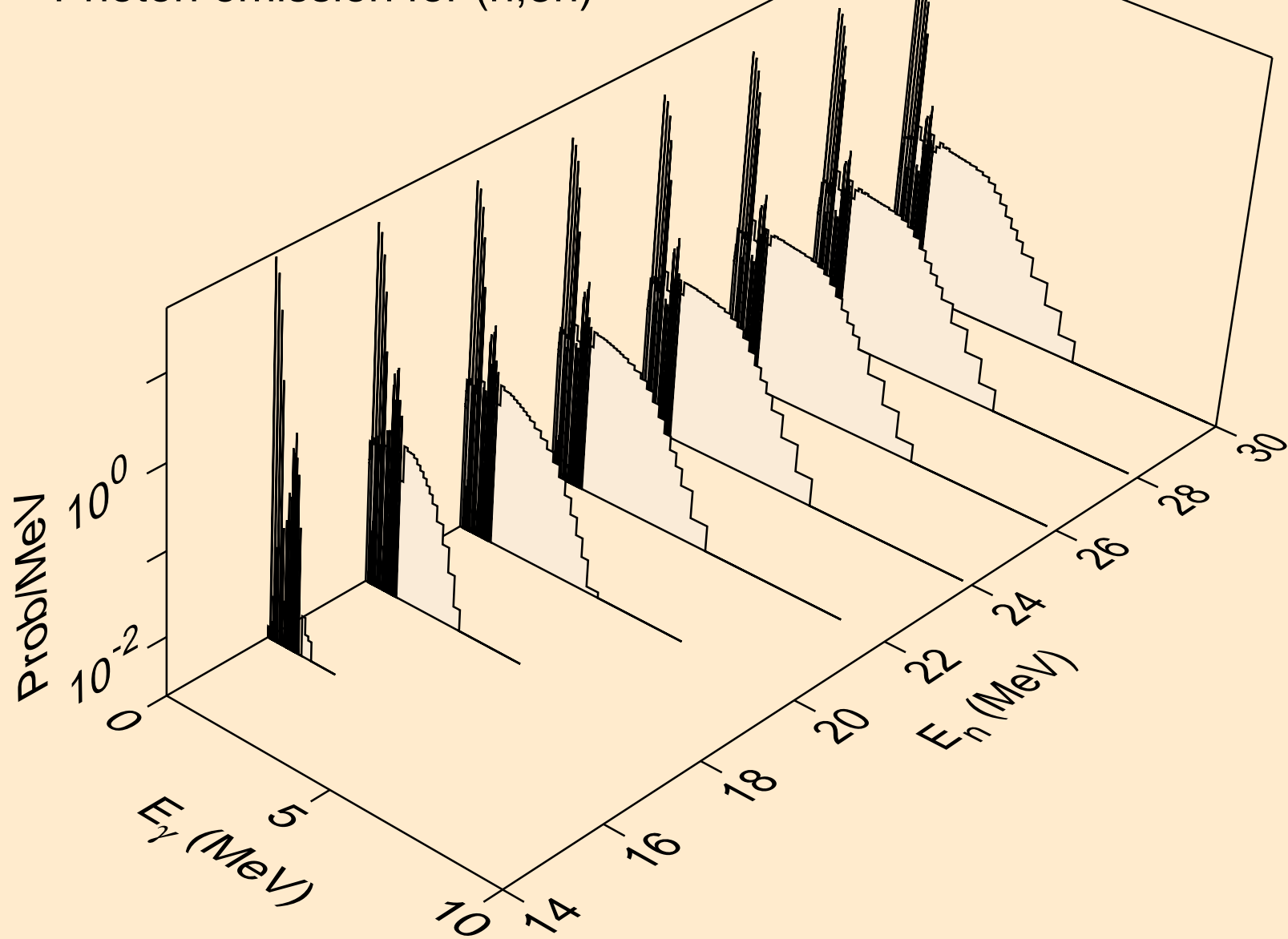
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Photon emission for (n,2nd)



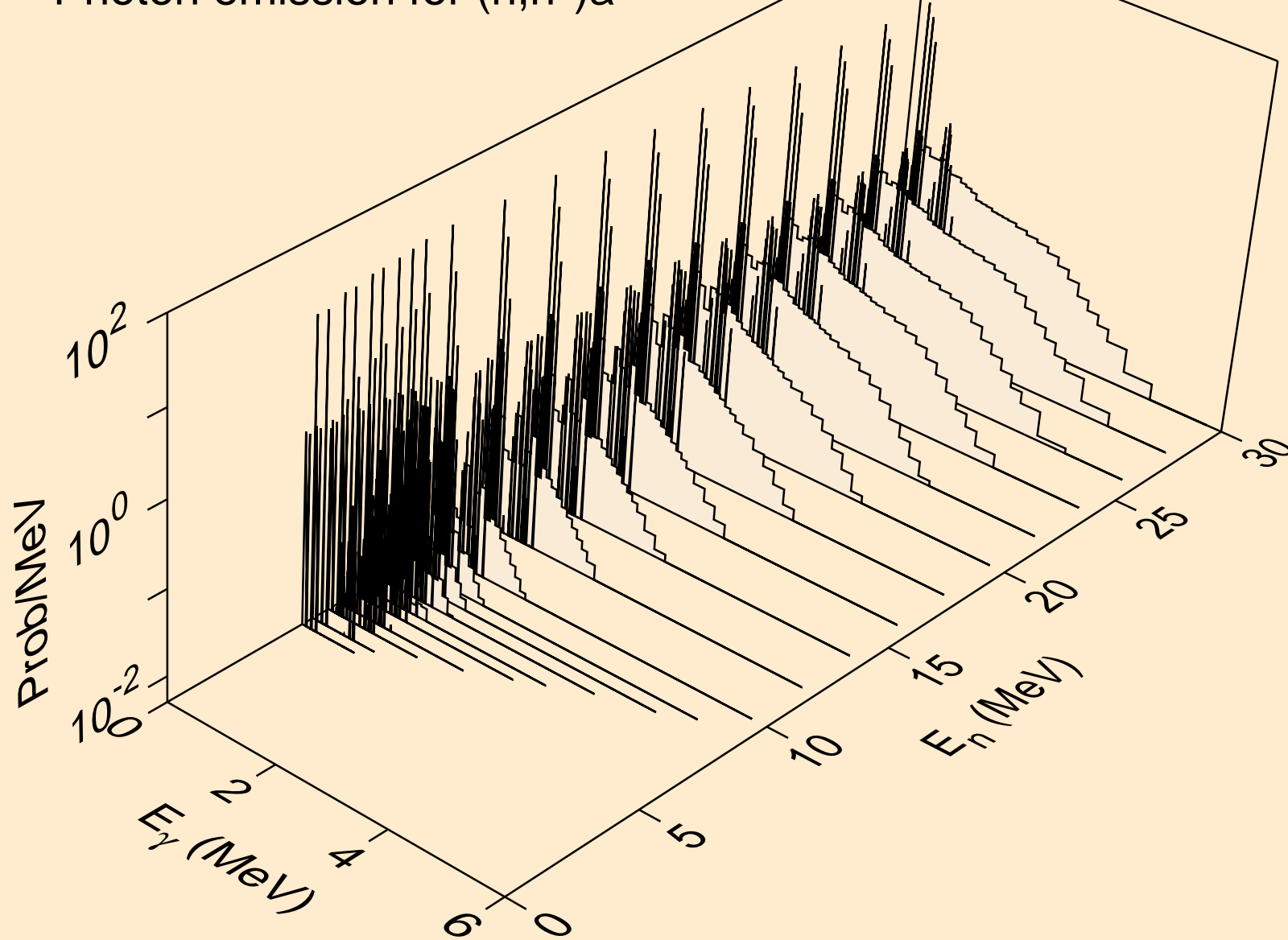
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Photon emission for (n,2n)



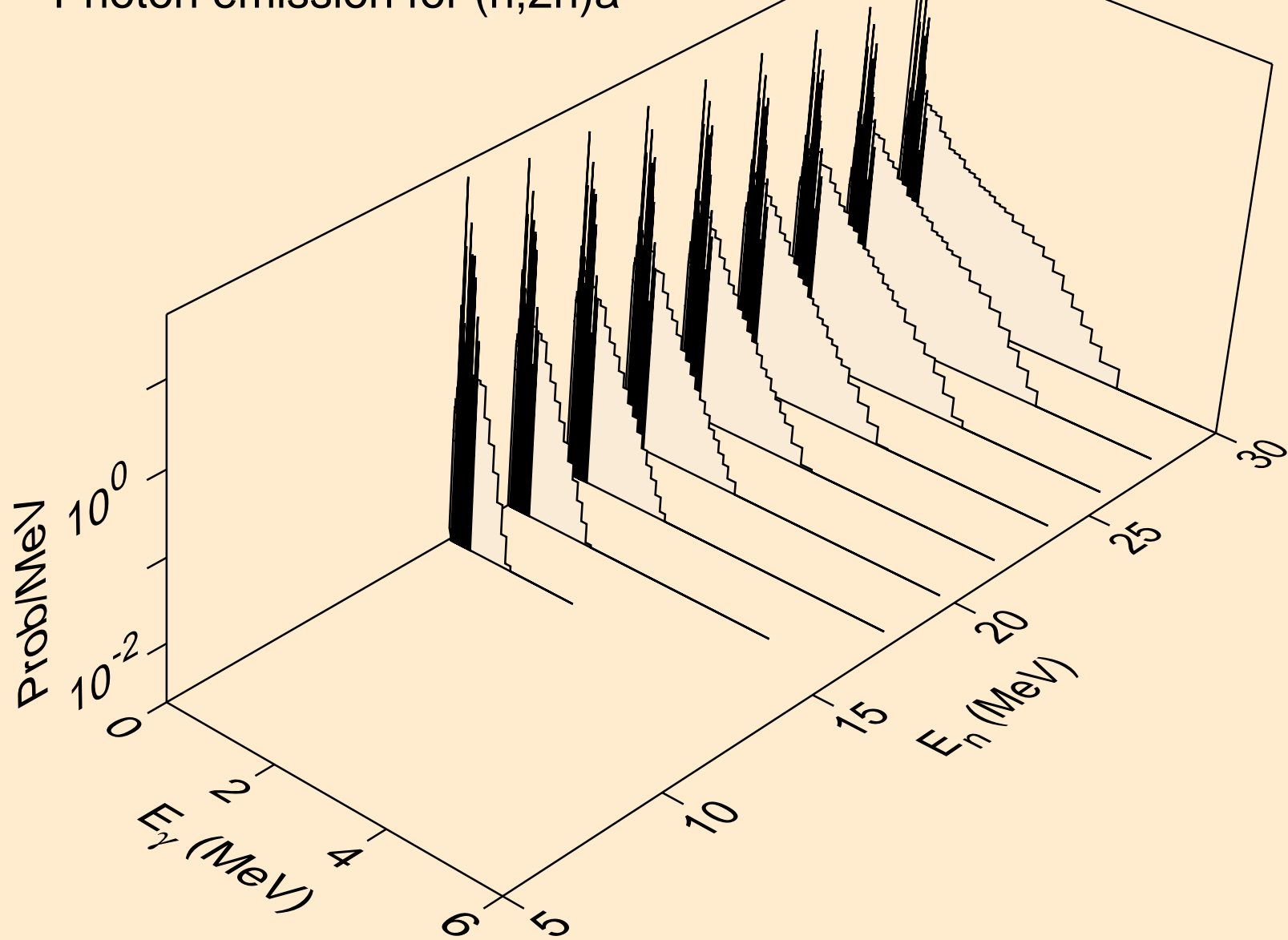
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

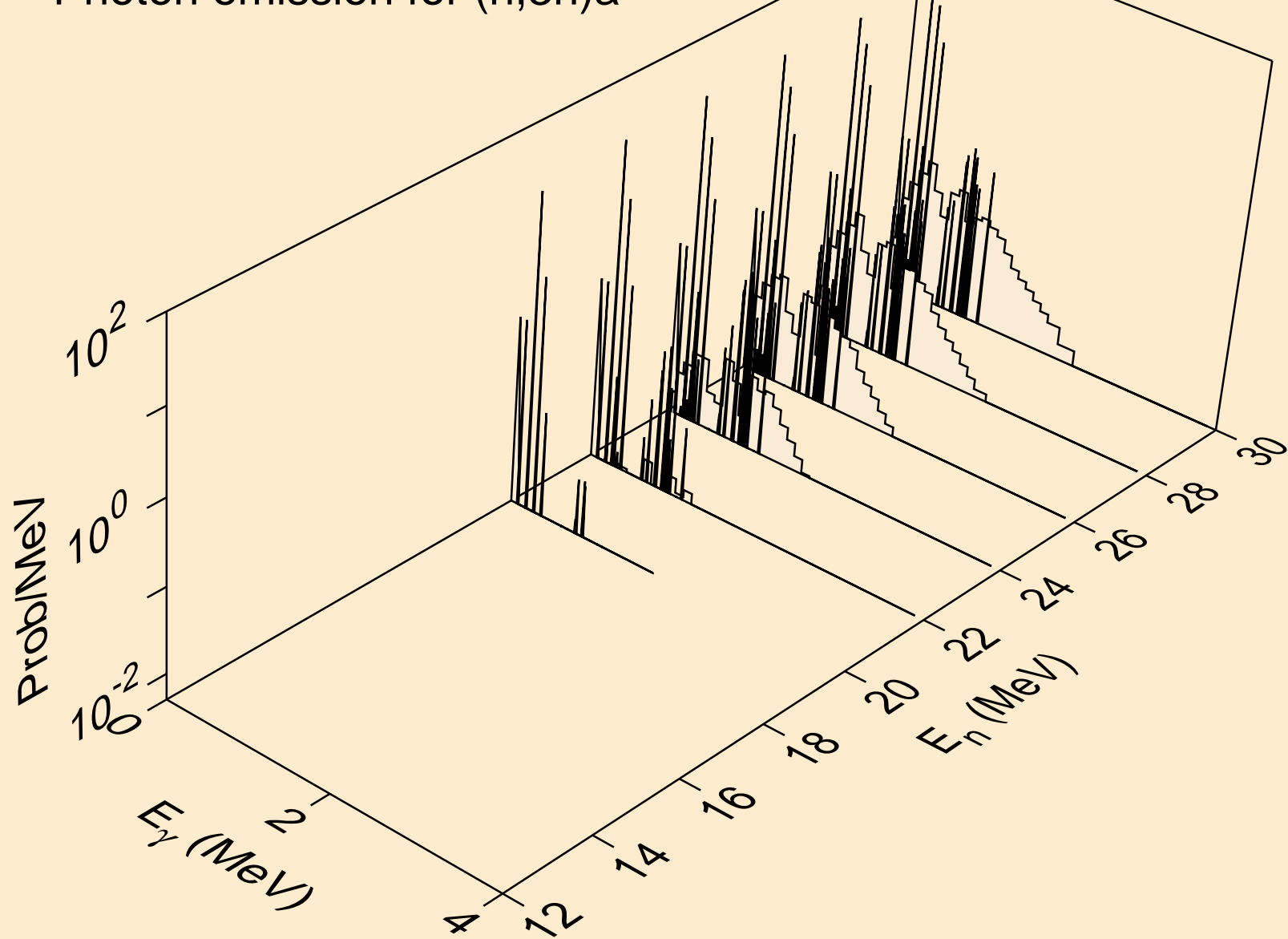


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

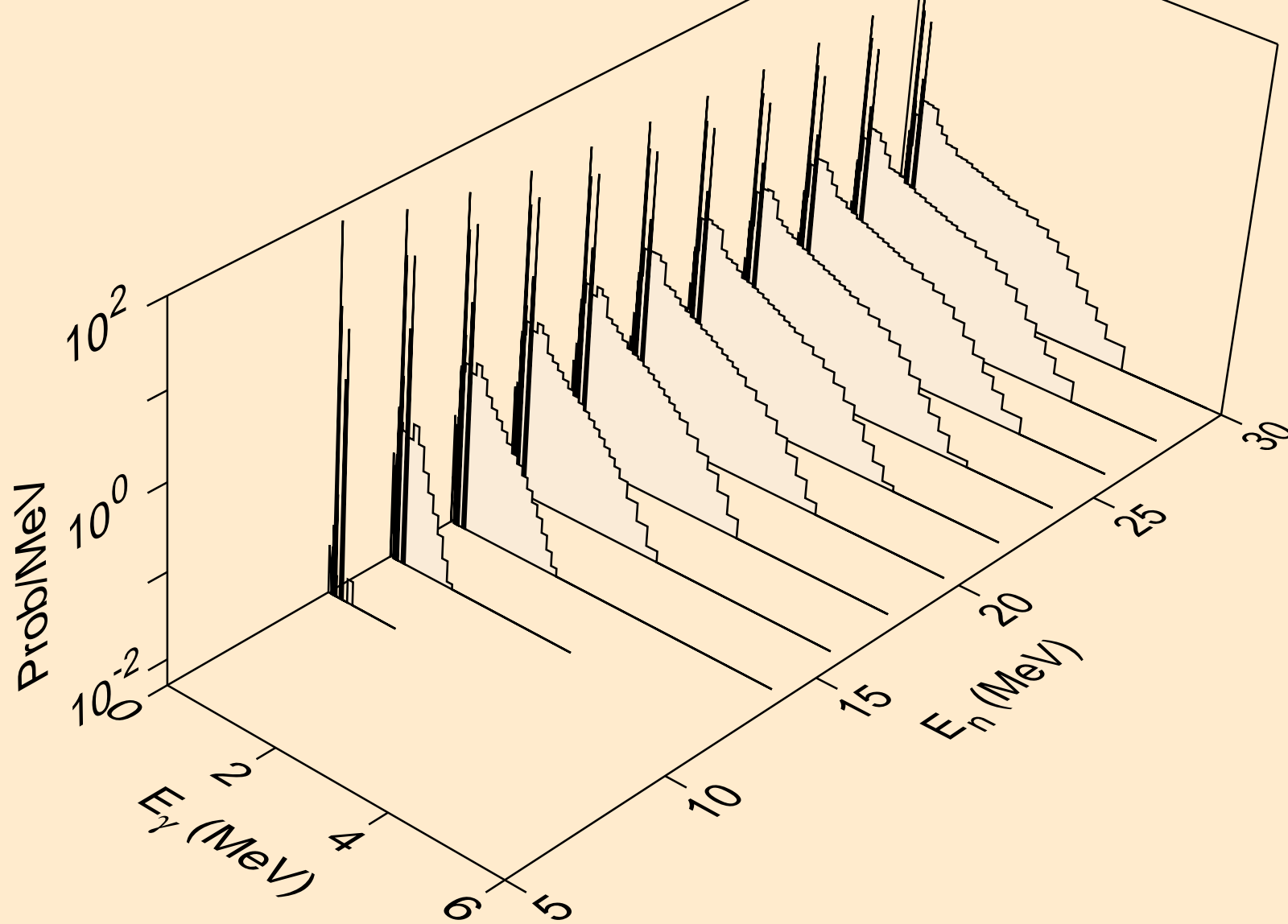




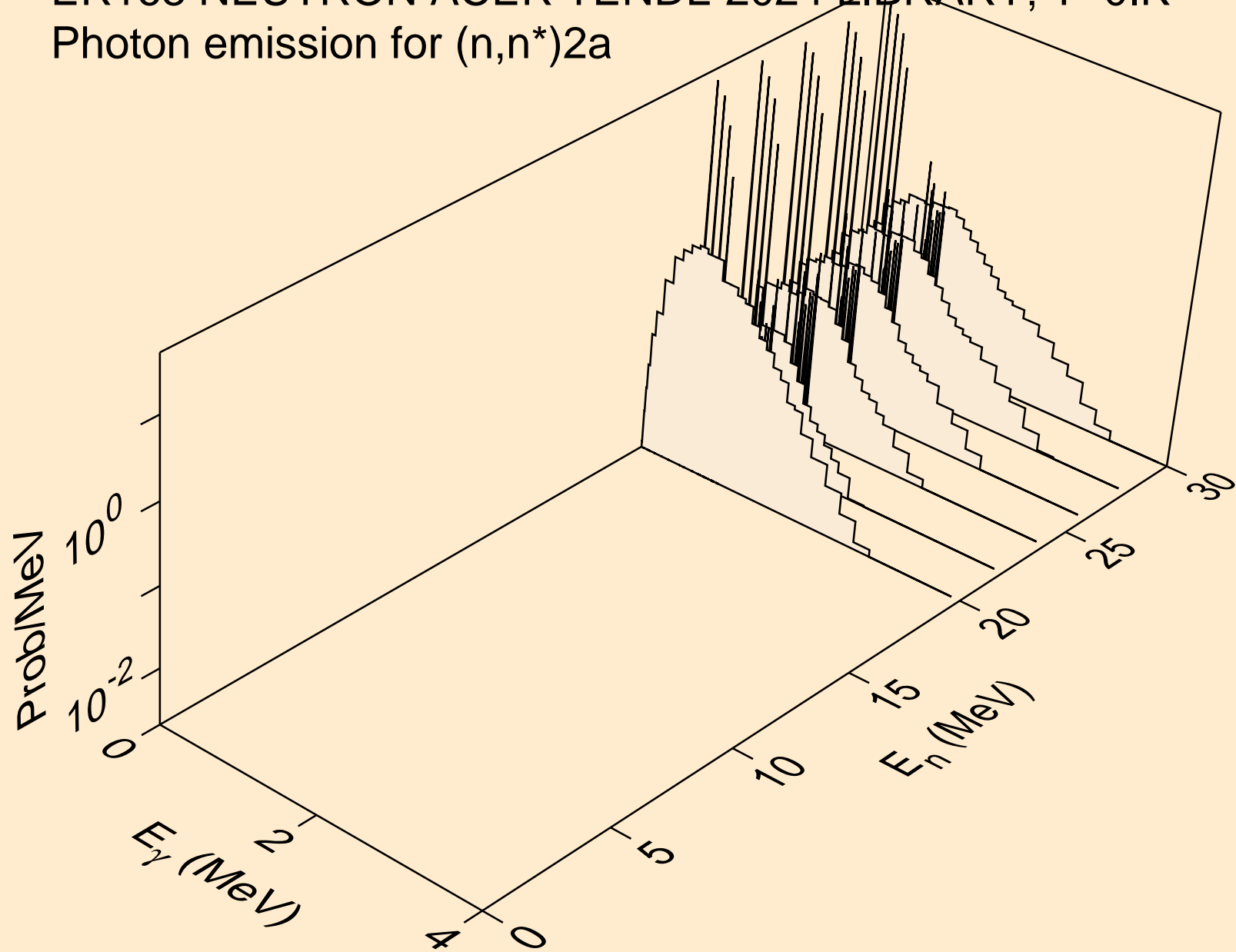
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



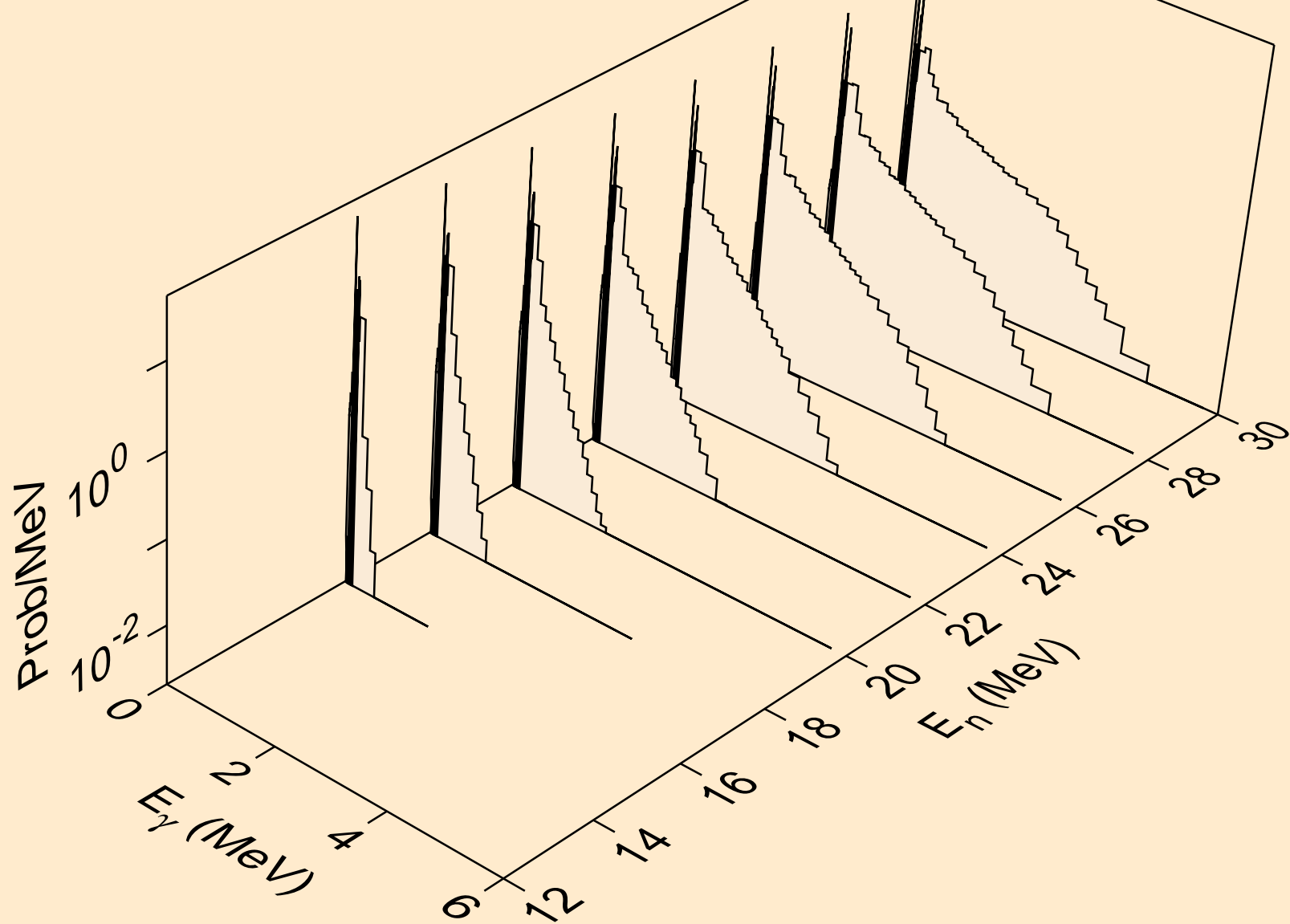
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



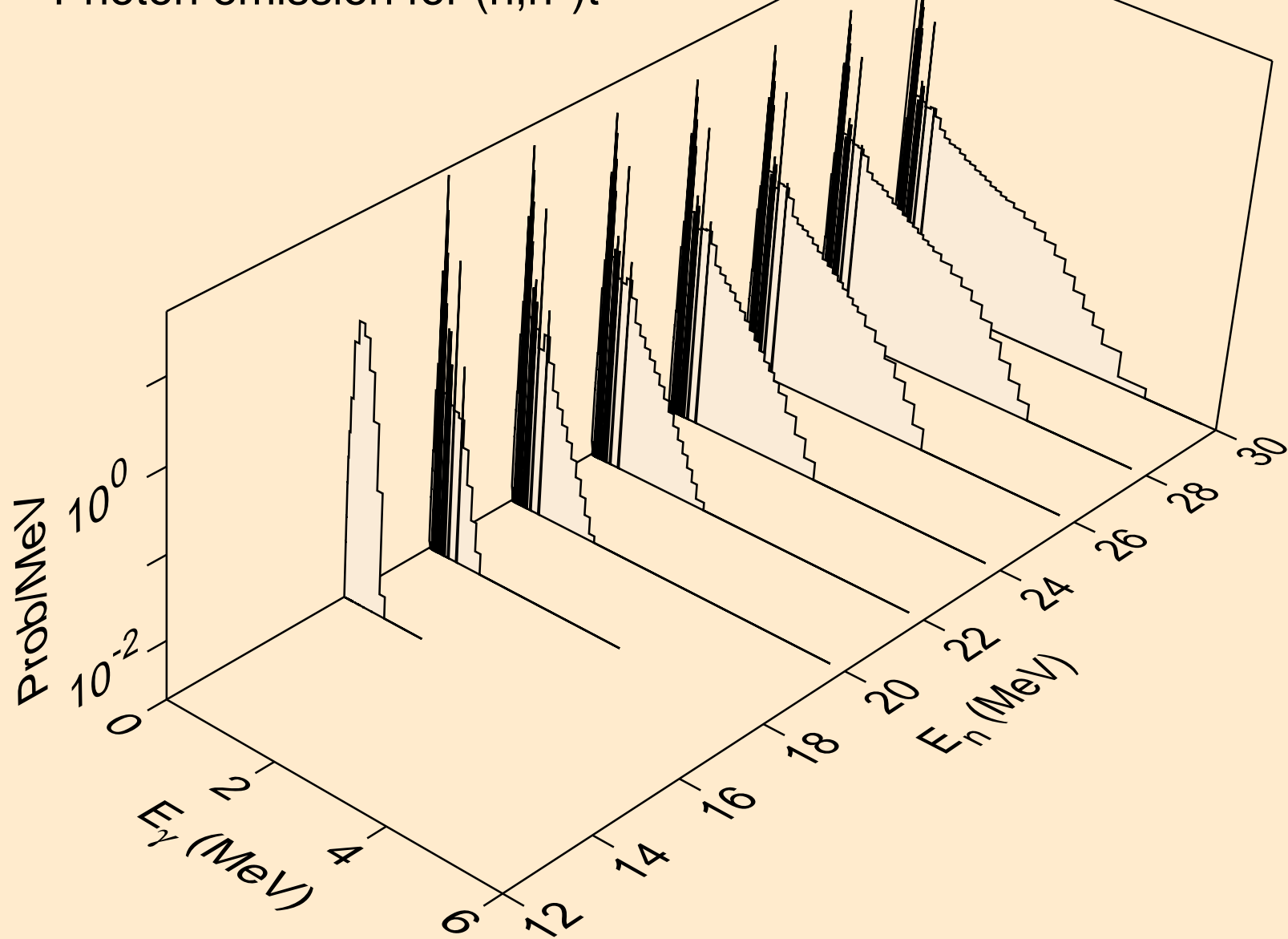
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Photon emission for (n,n\*)2a



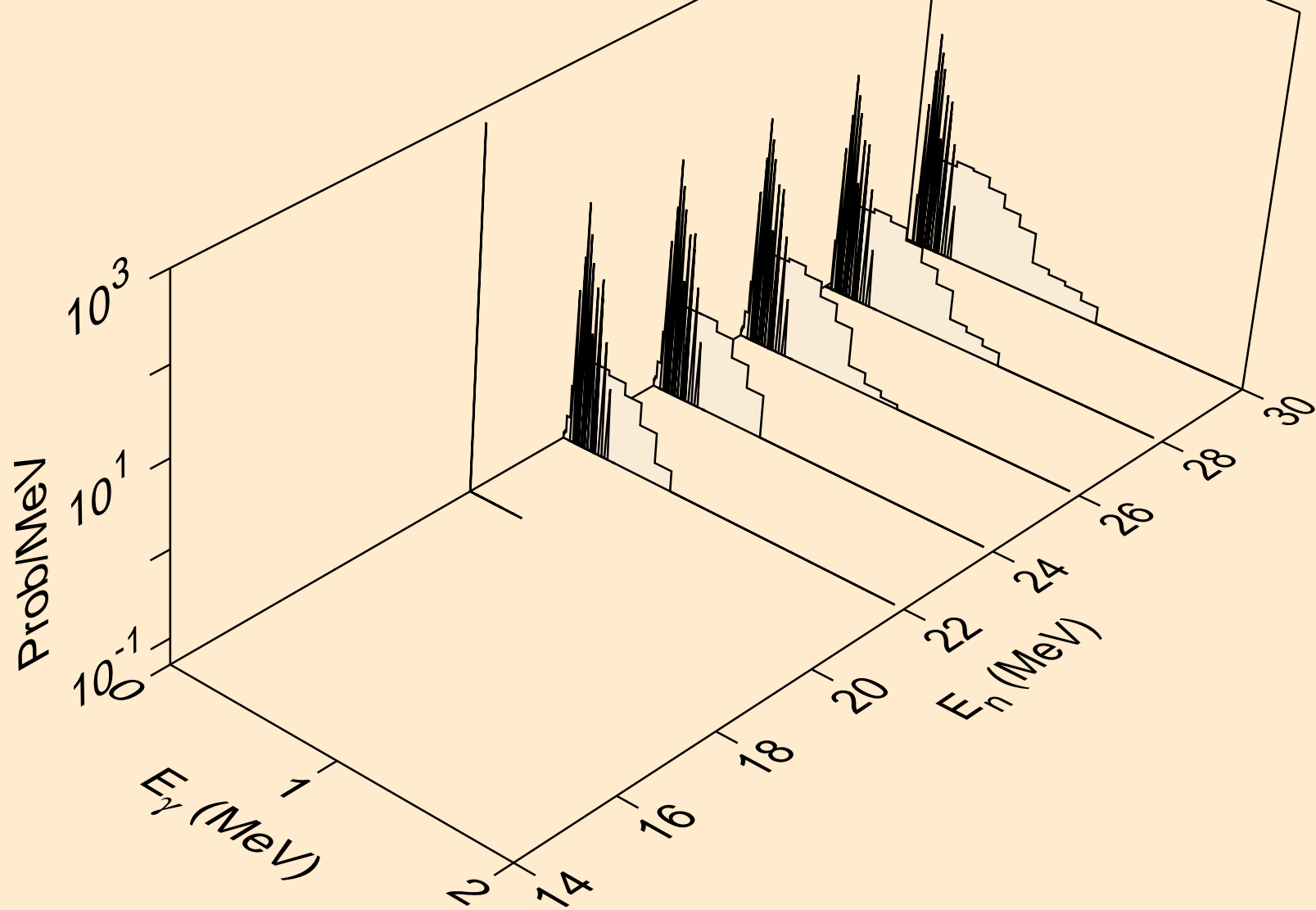
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



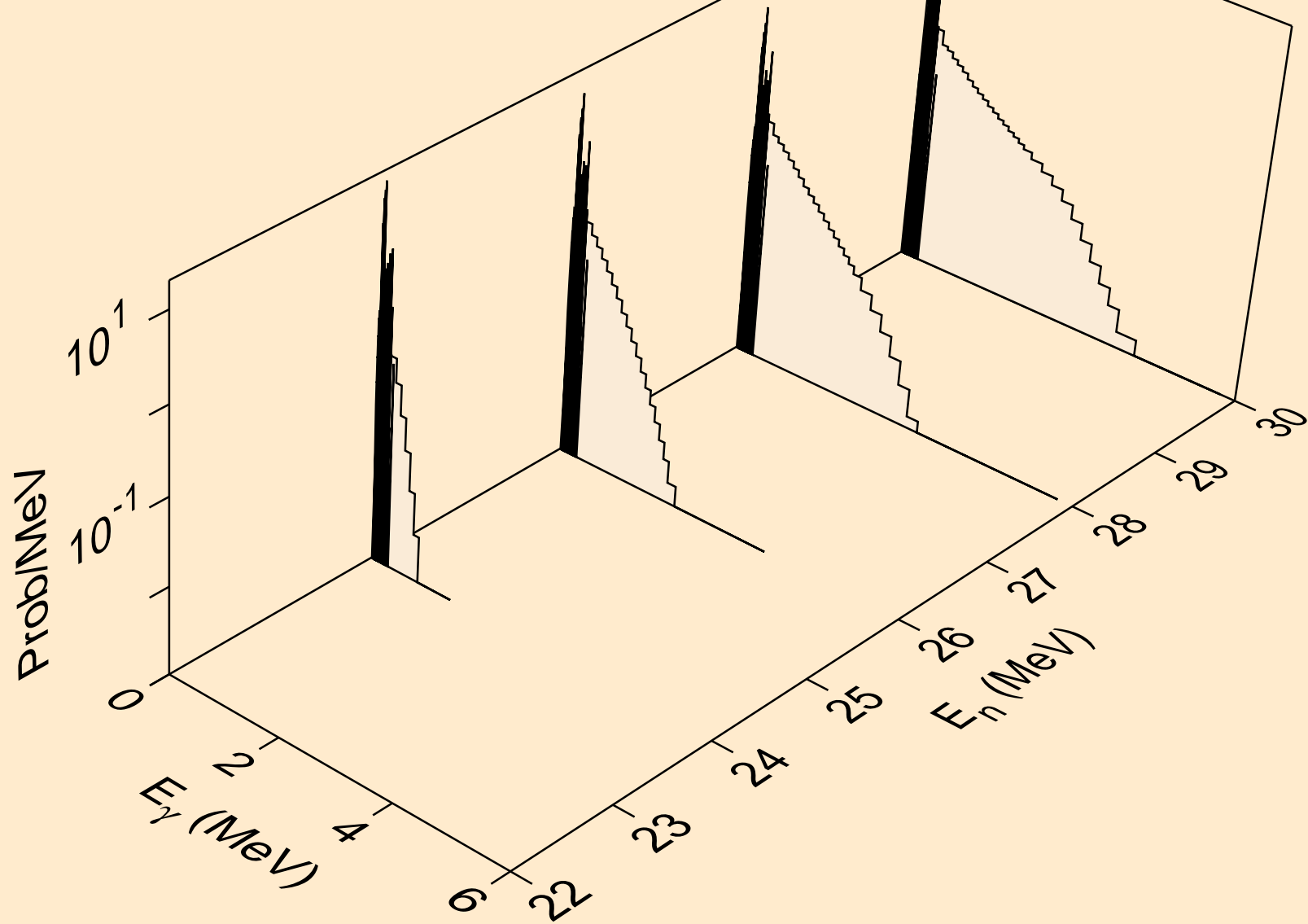
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



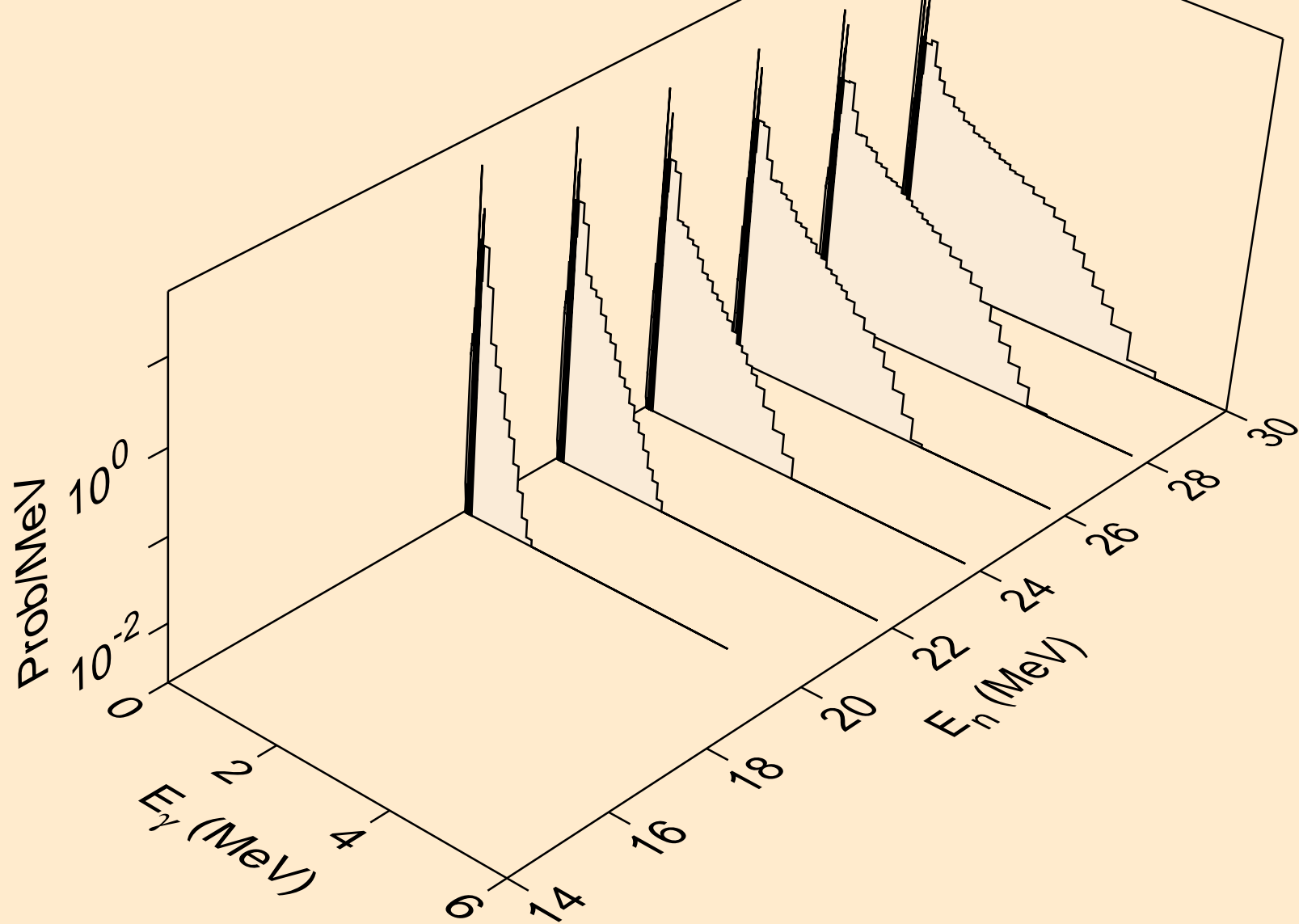
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

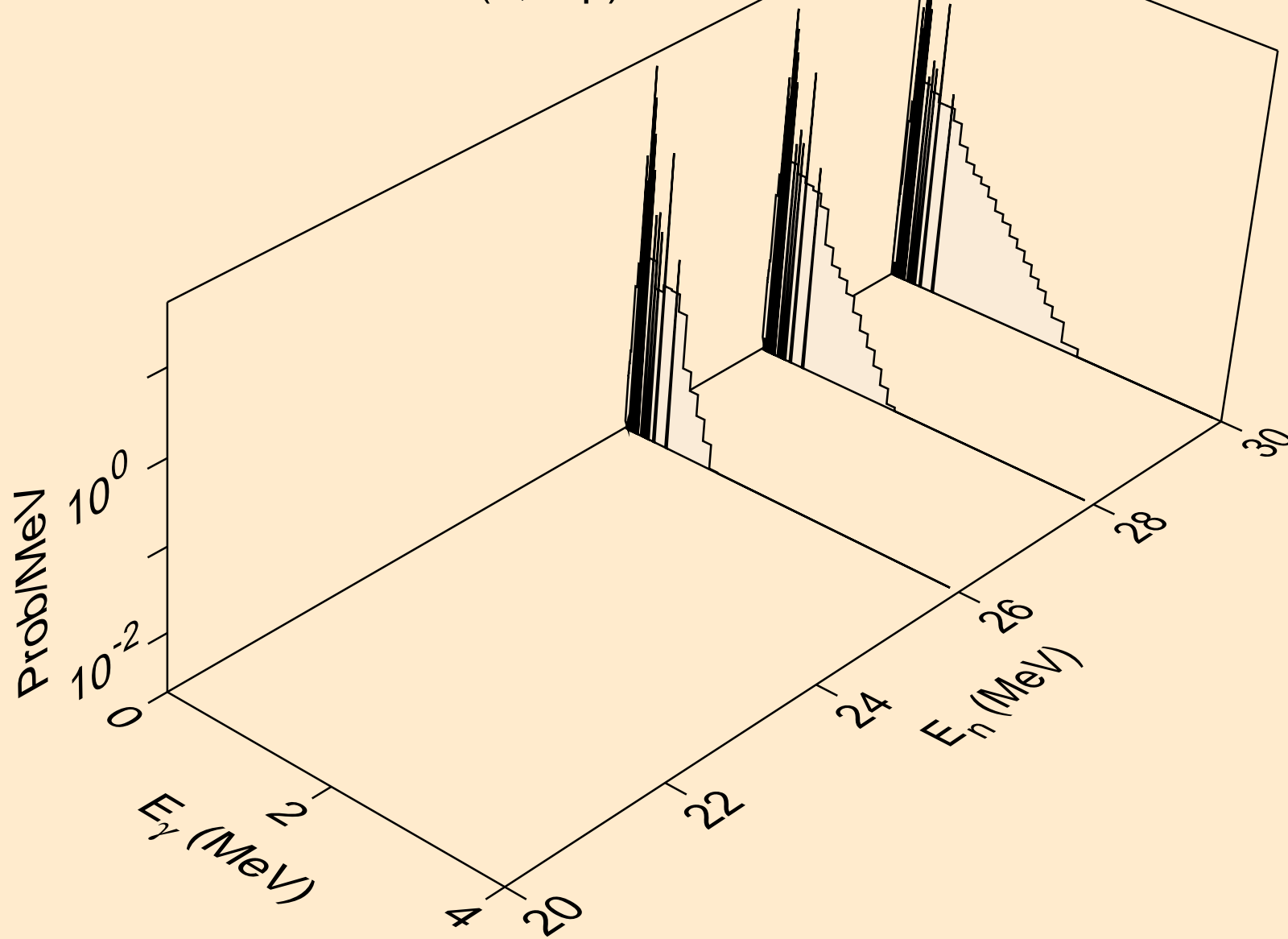


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Photon emission for (n,2np)

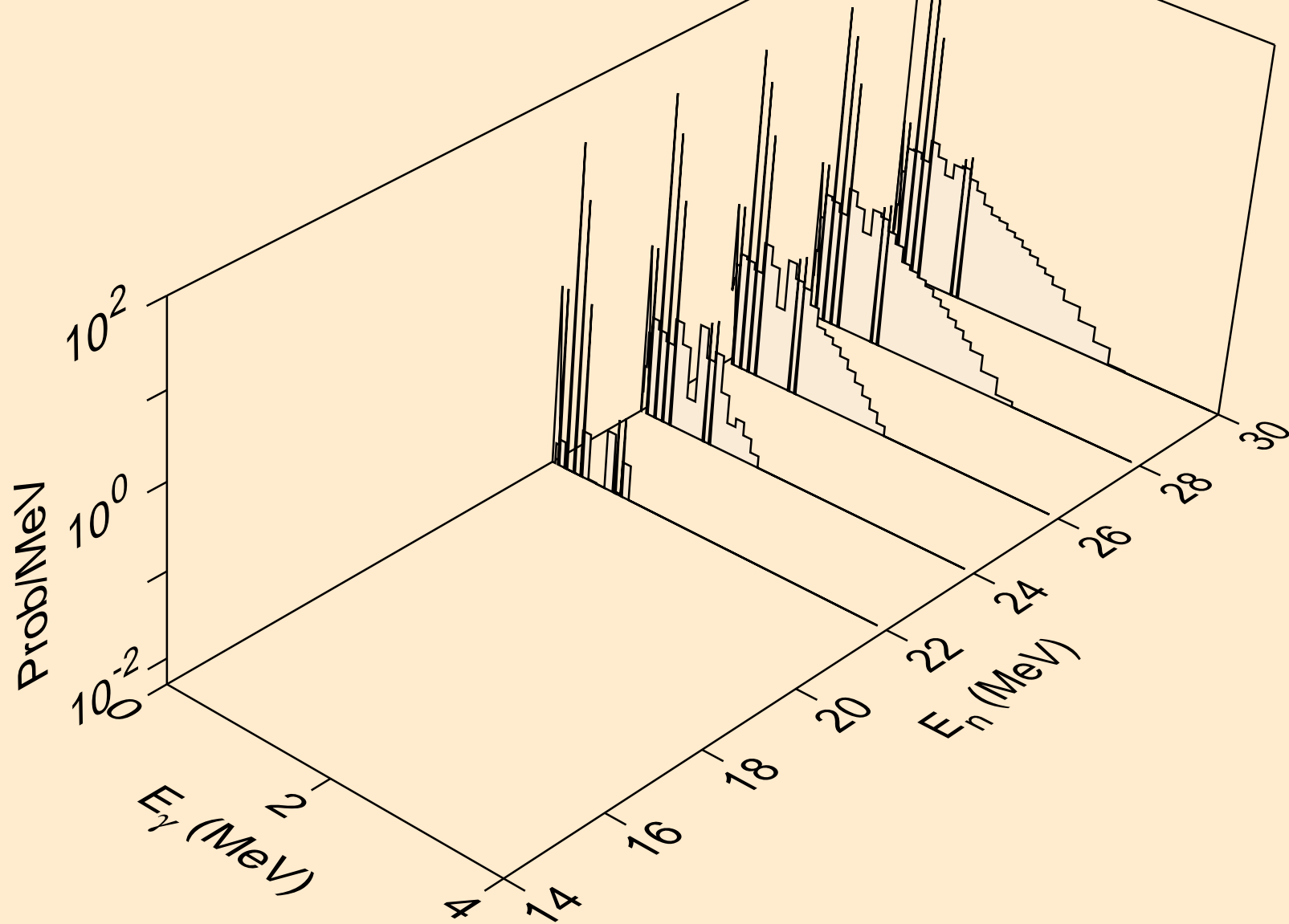




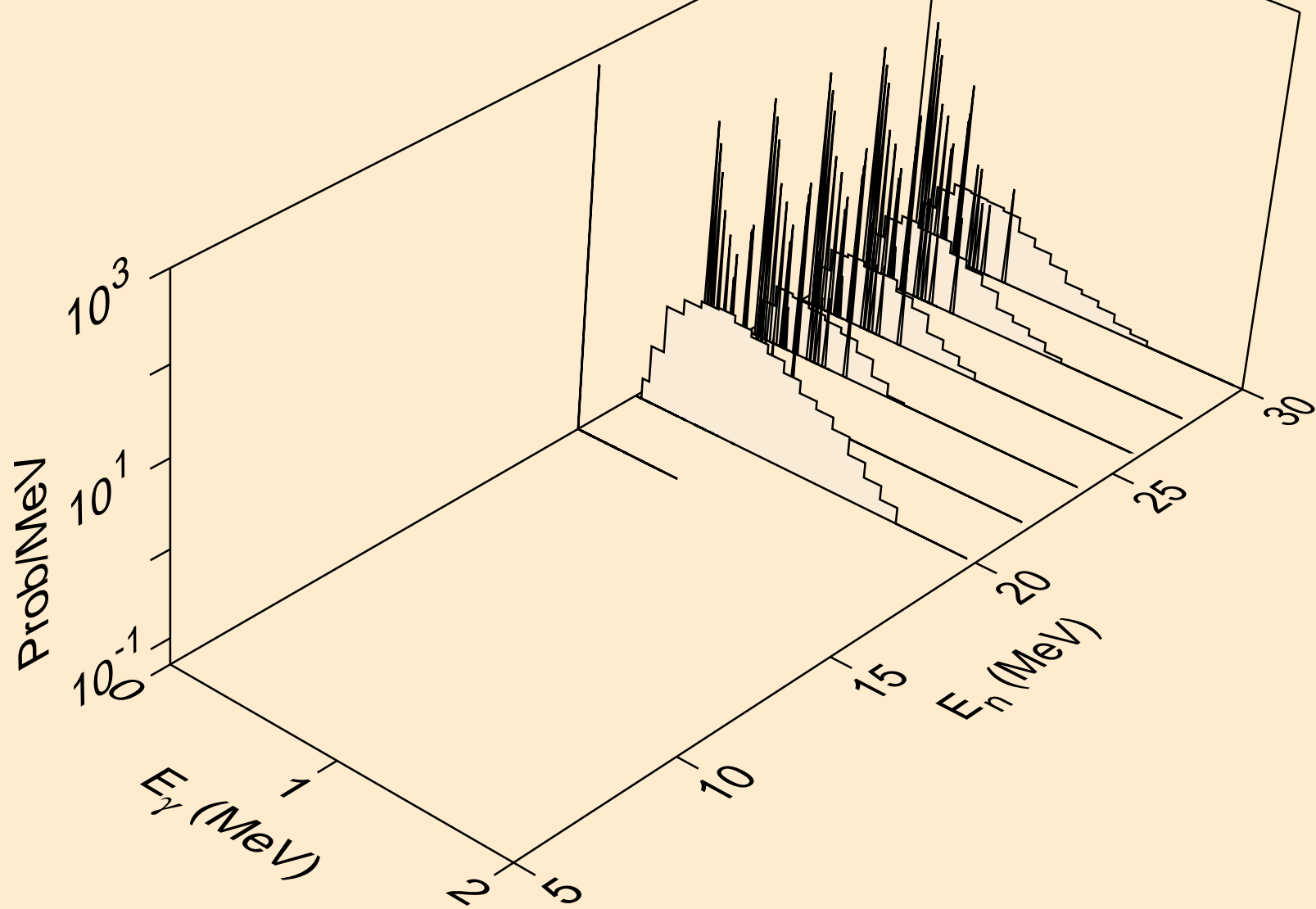
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Photon emission for (n,3np)



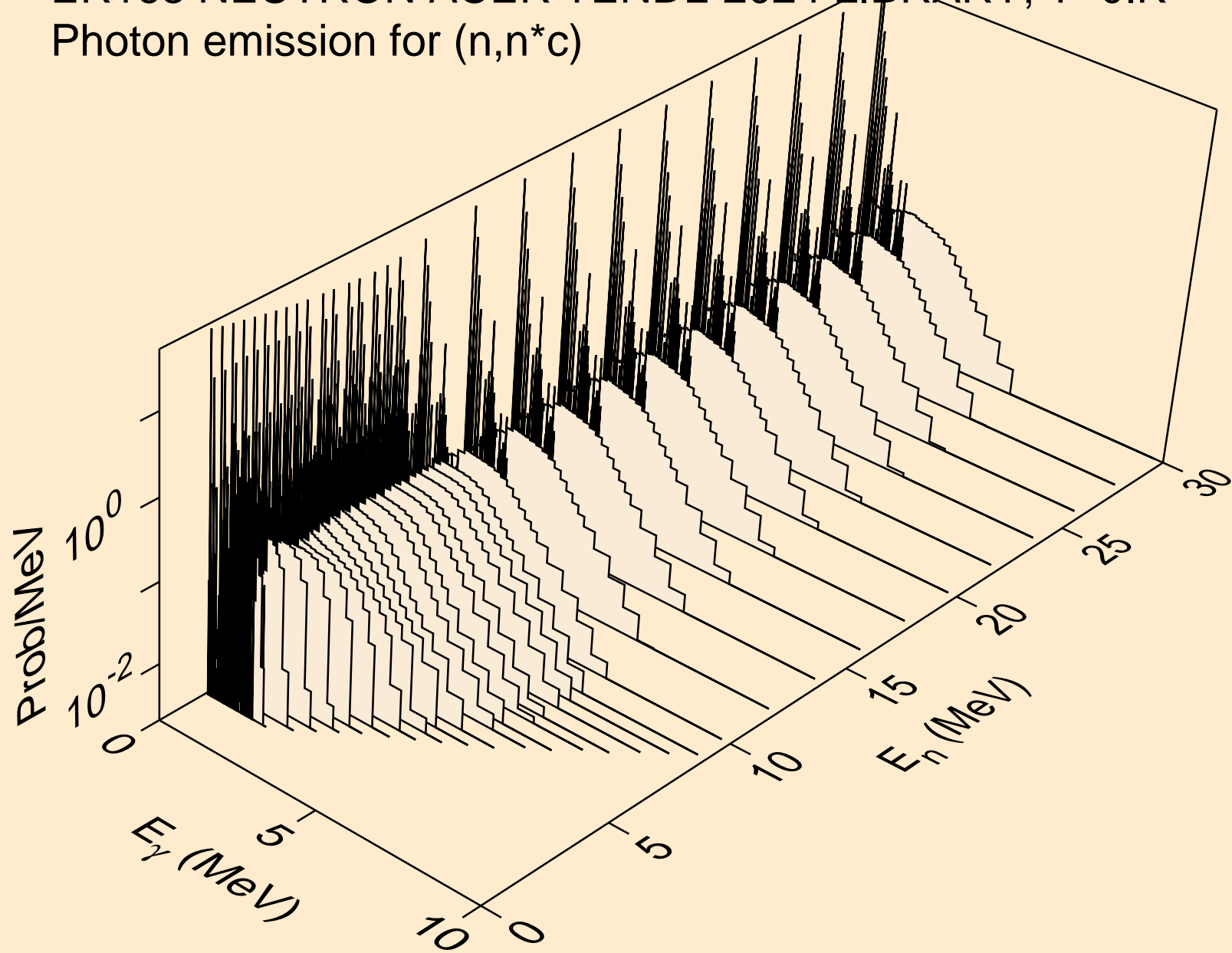
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Photon emission for (n,n2p)



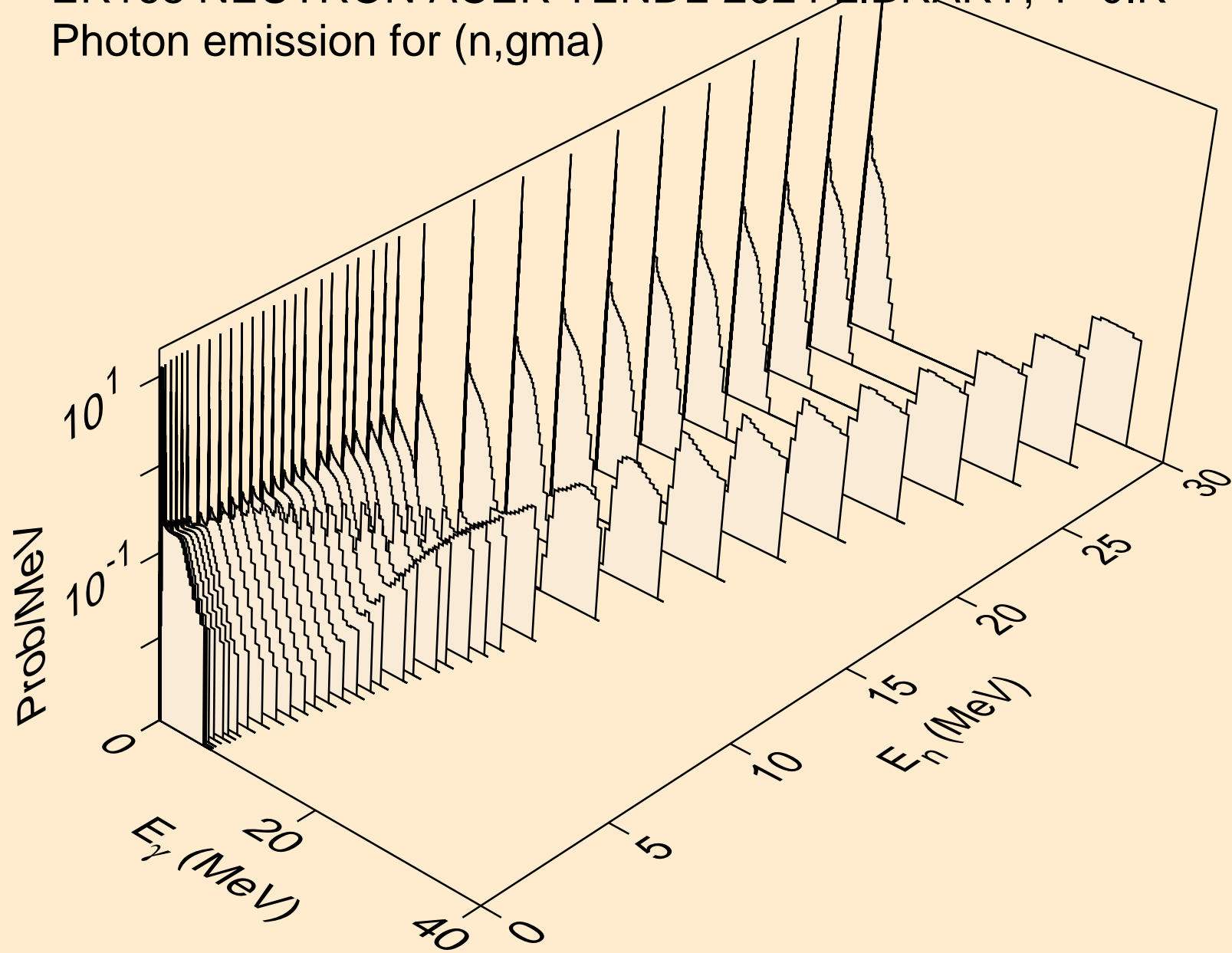
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Photon emission for (n,npa)



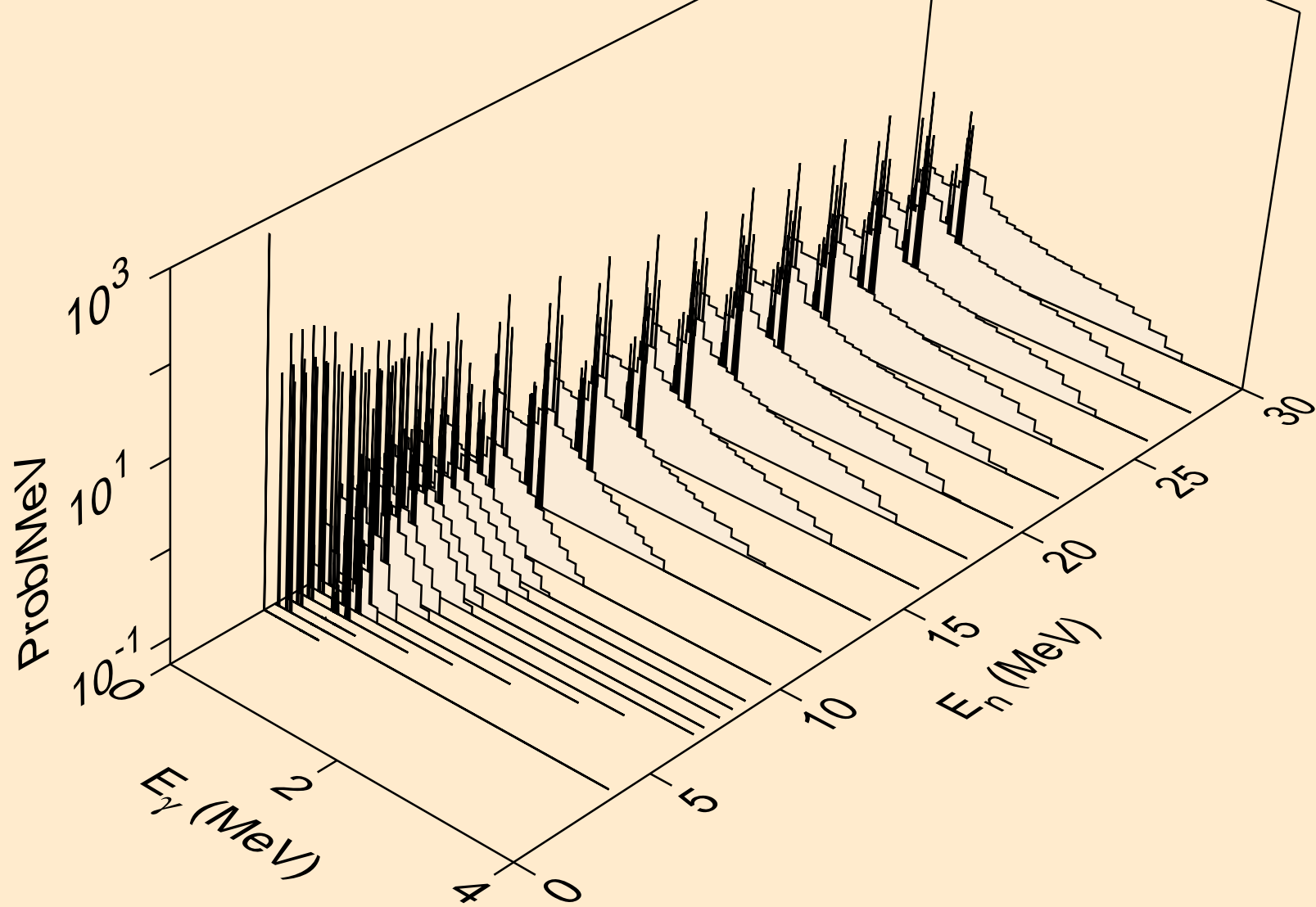
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Photon emission for (n,n\*c)



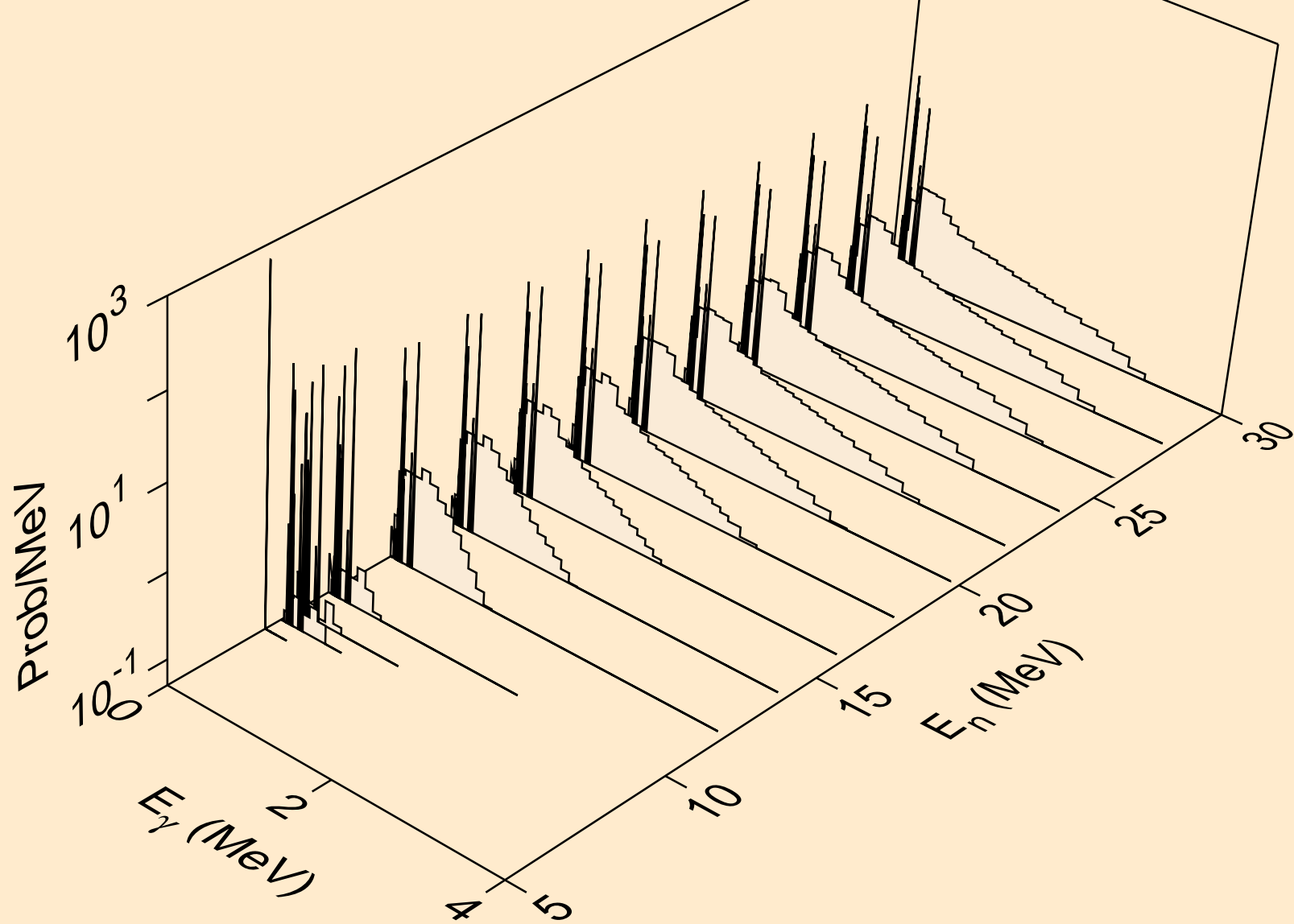
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Photon emission for (n,gma)



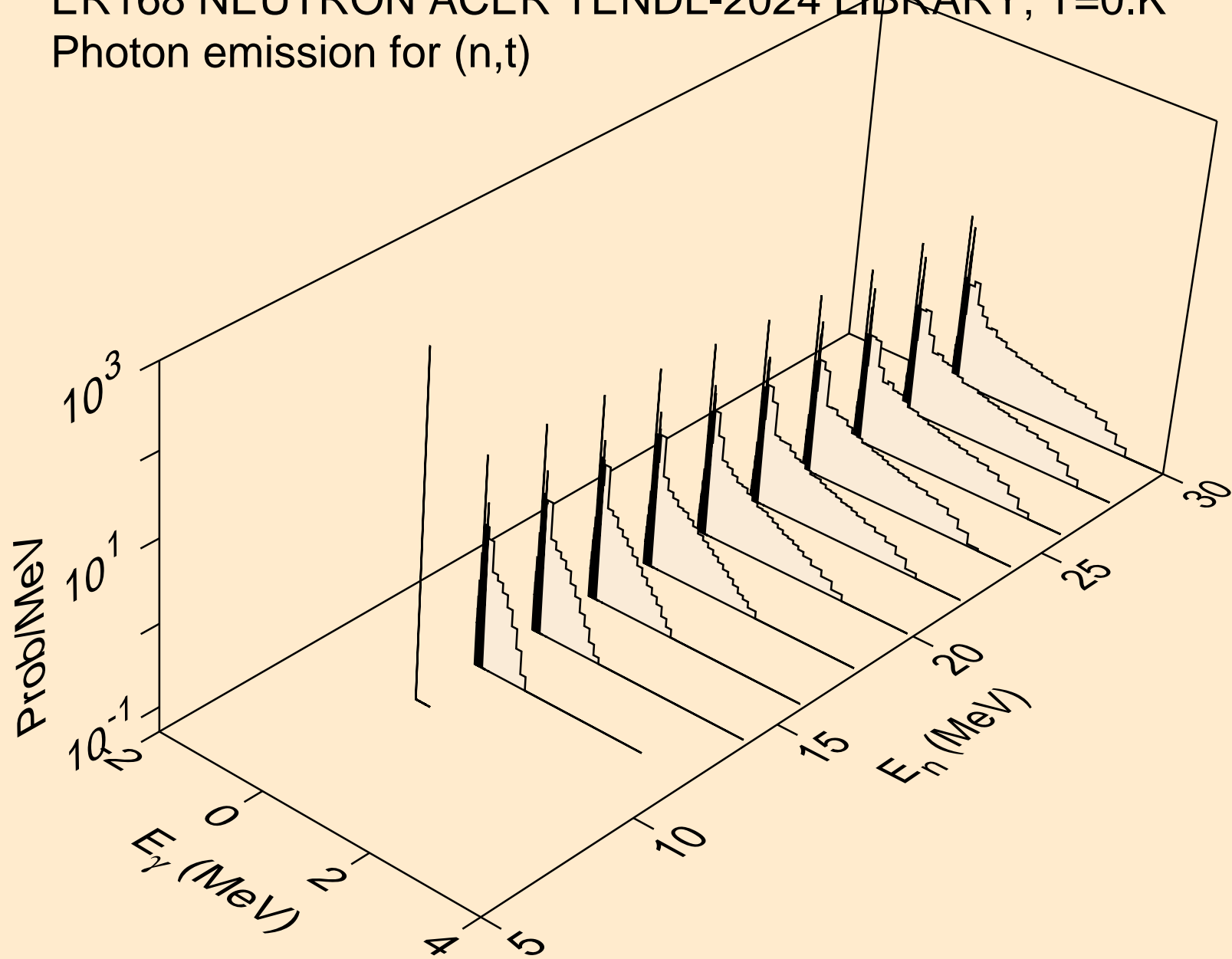
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

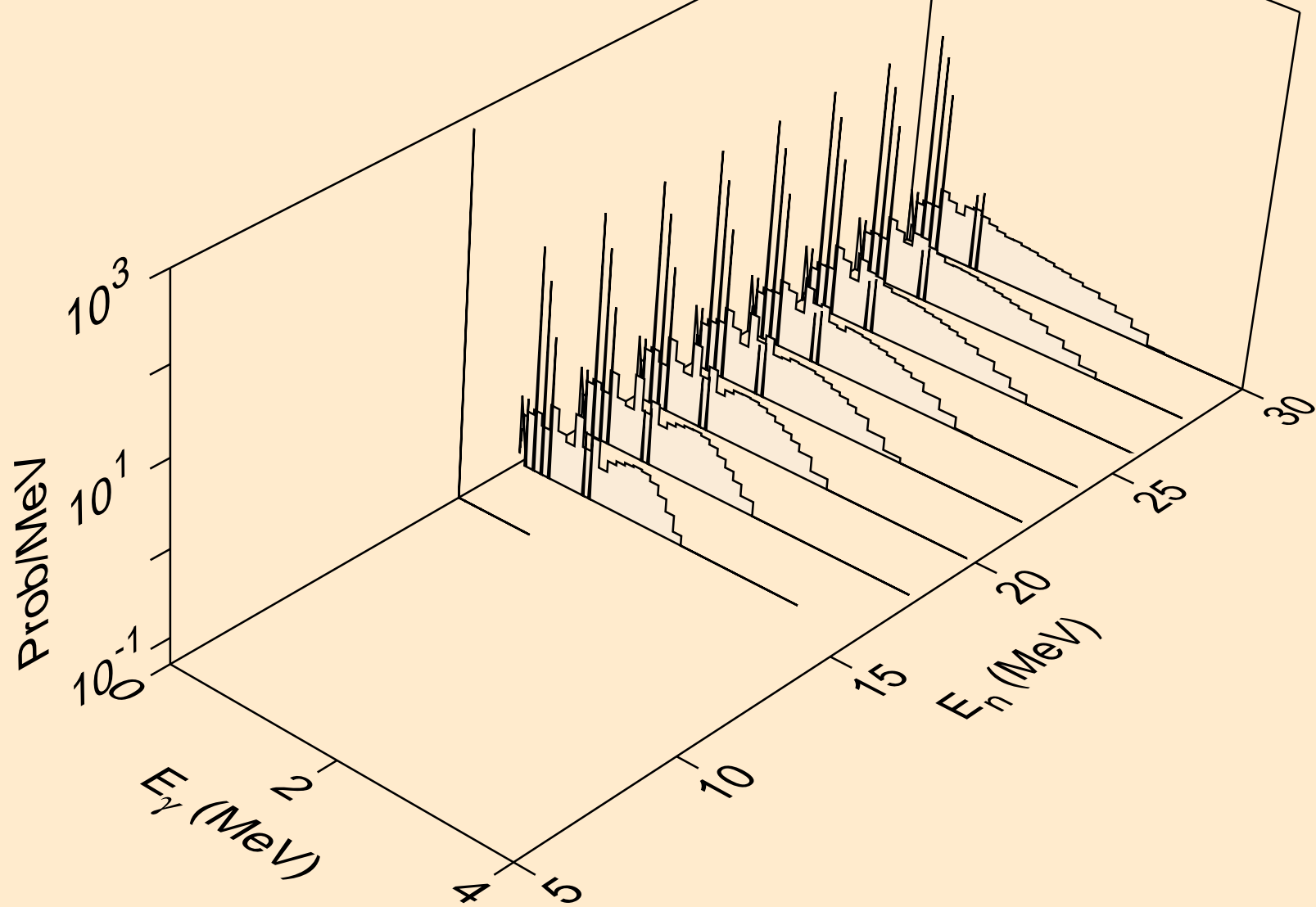


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Photon emission for (n,t)

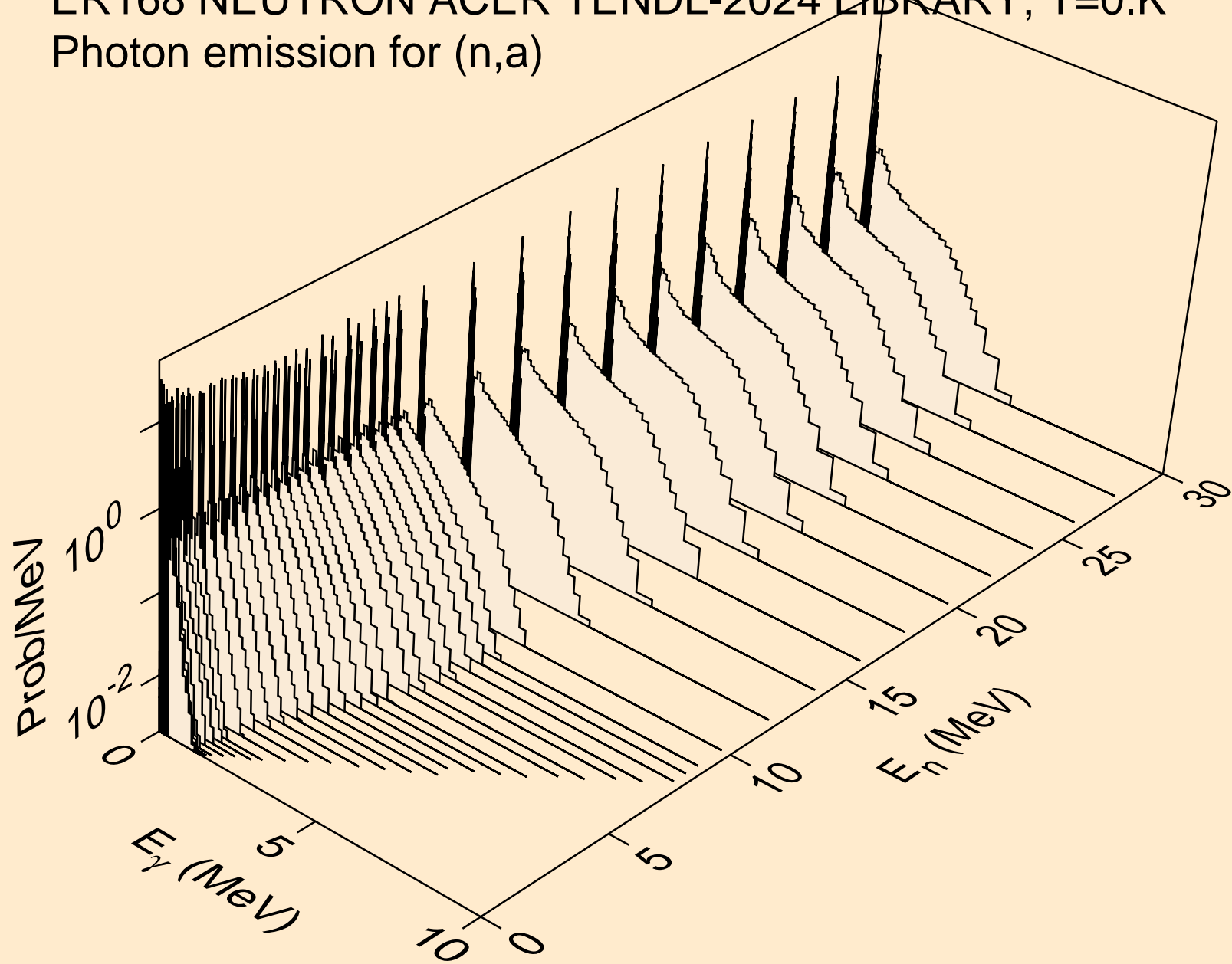




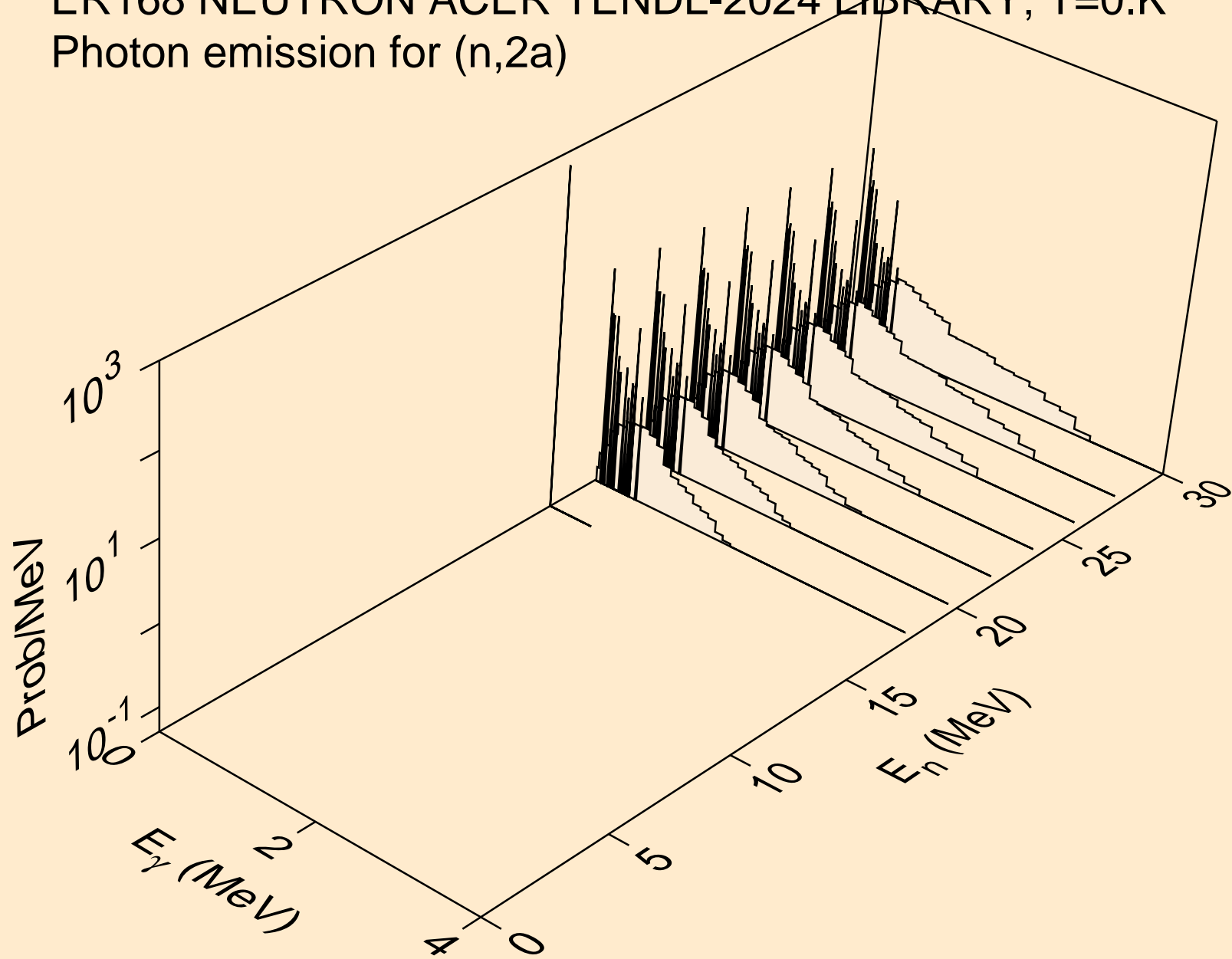
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Photon emission for (n,he3)



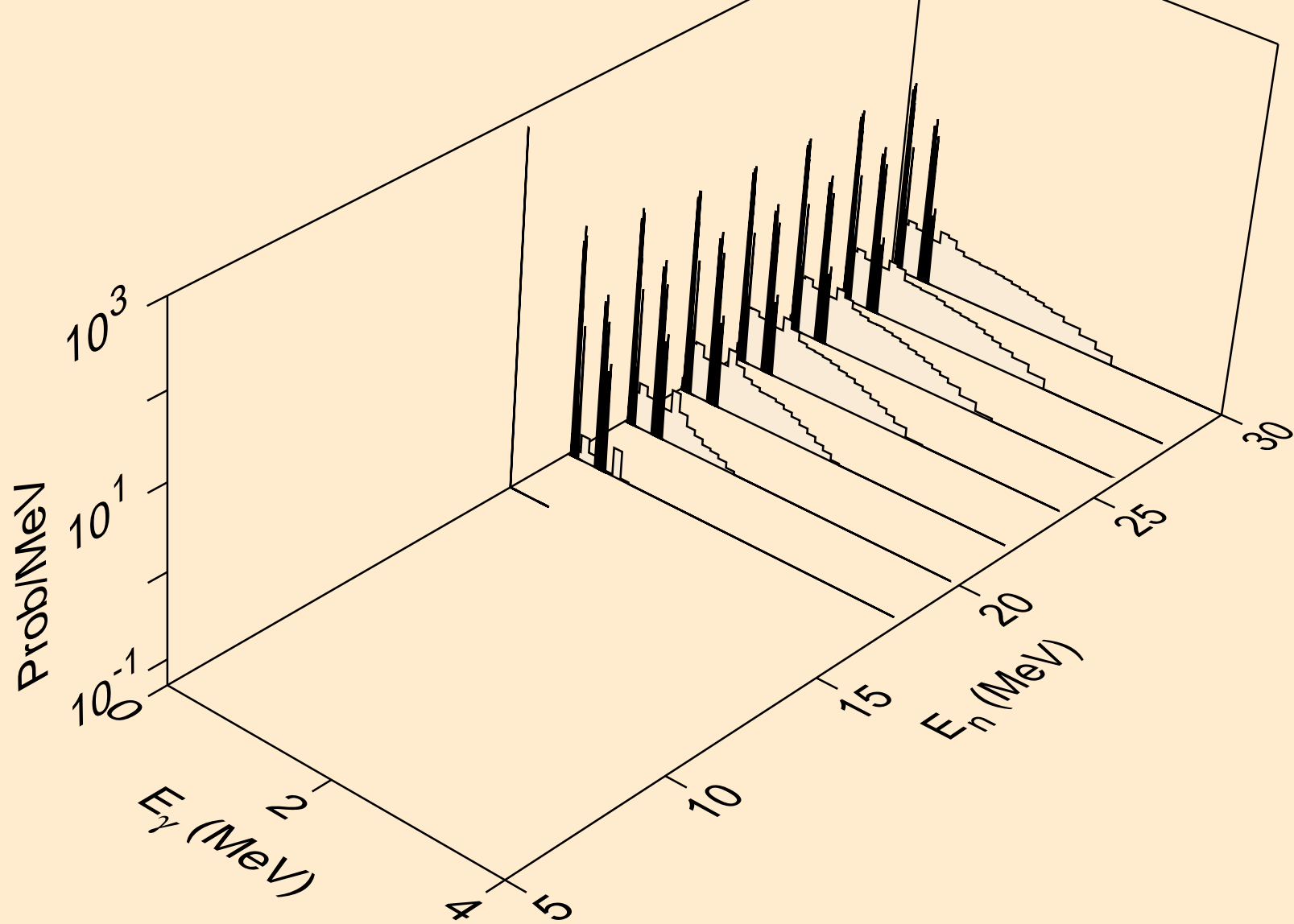
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Photon emission for (n,a)



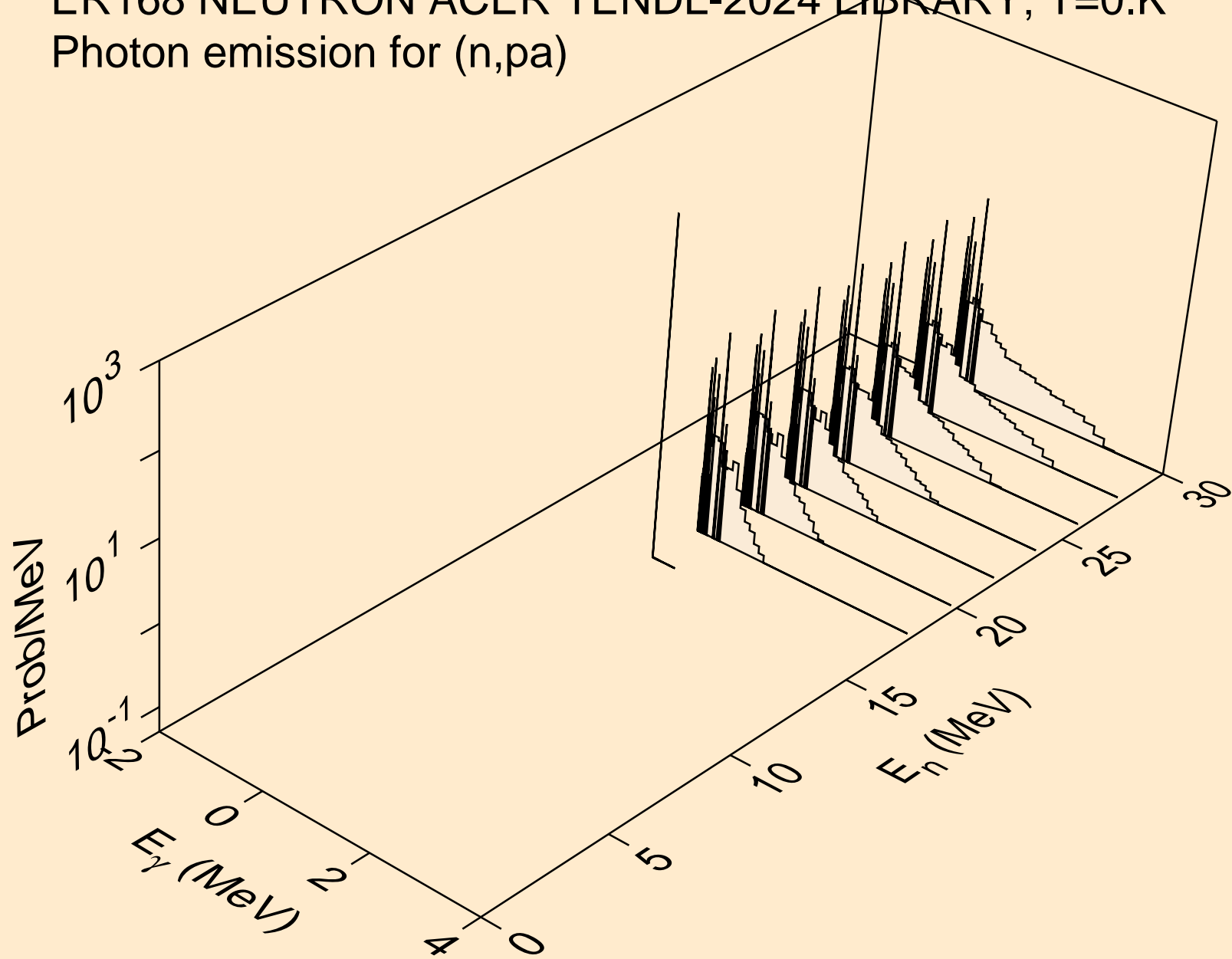
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Photon emission for (n,2a)



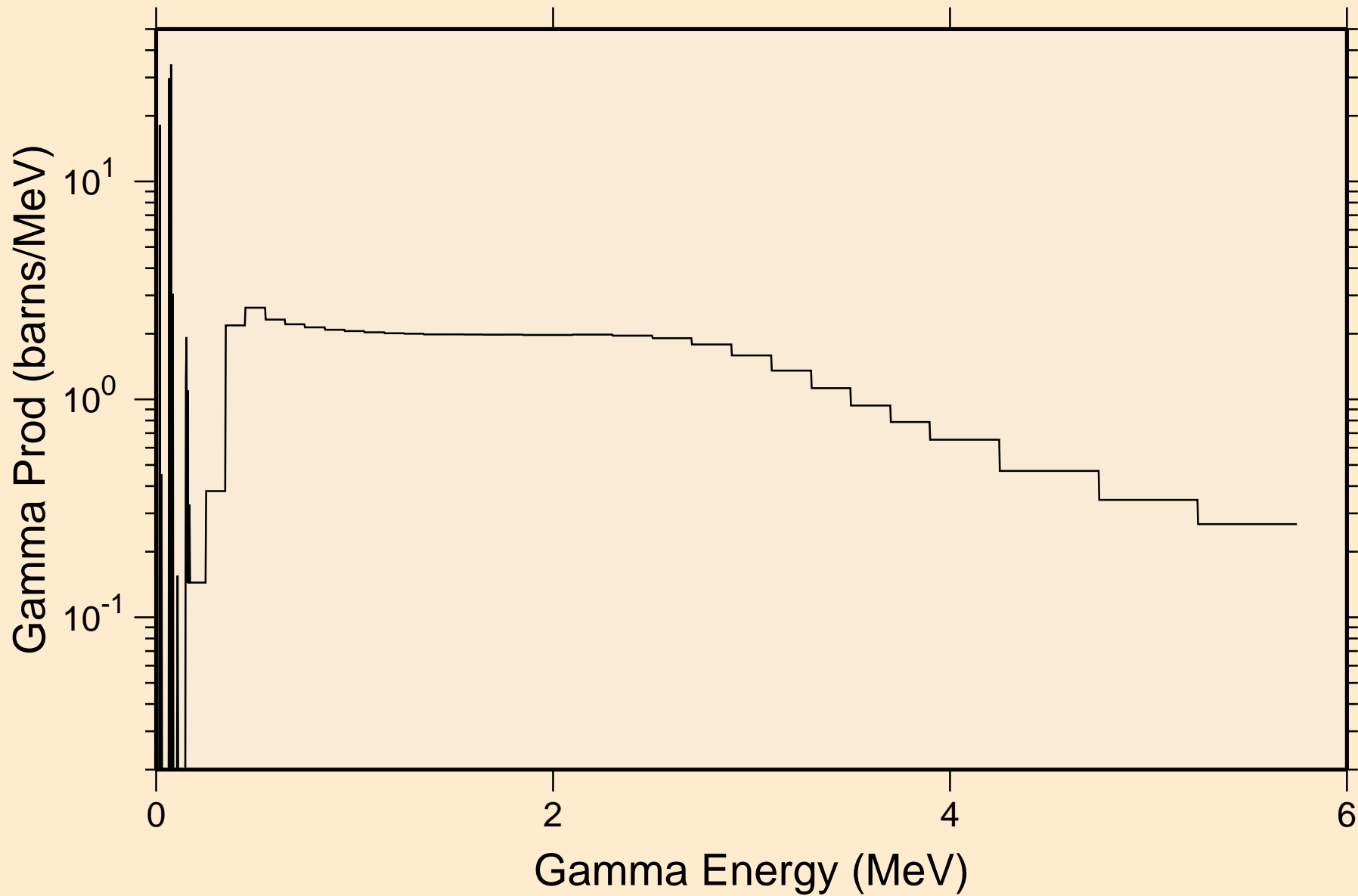
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Photon emission for (n,2p)



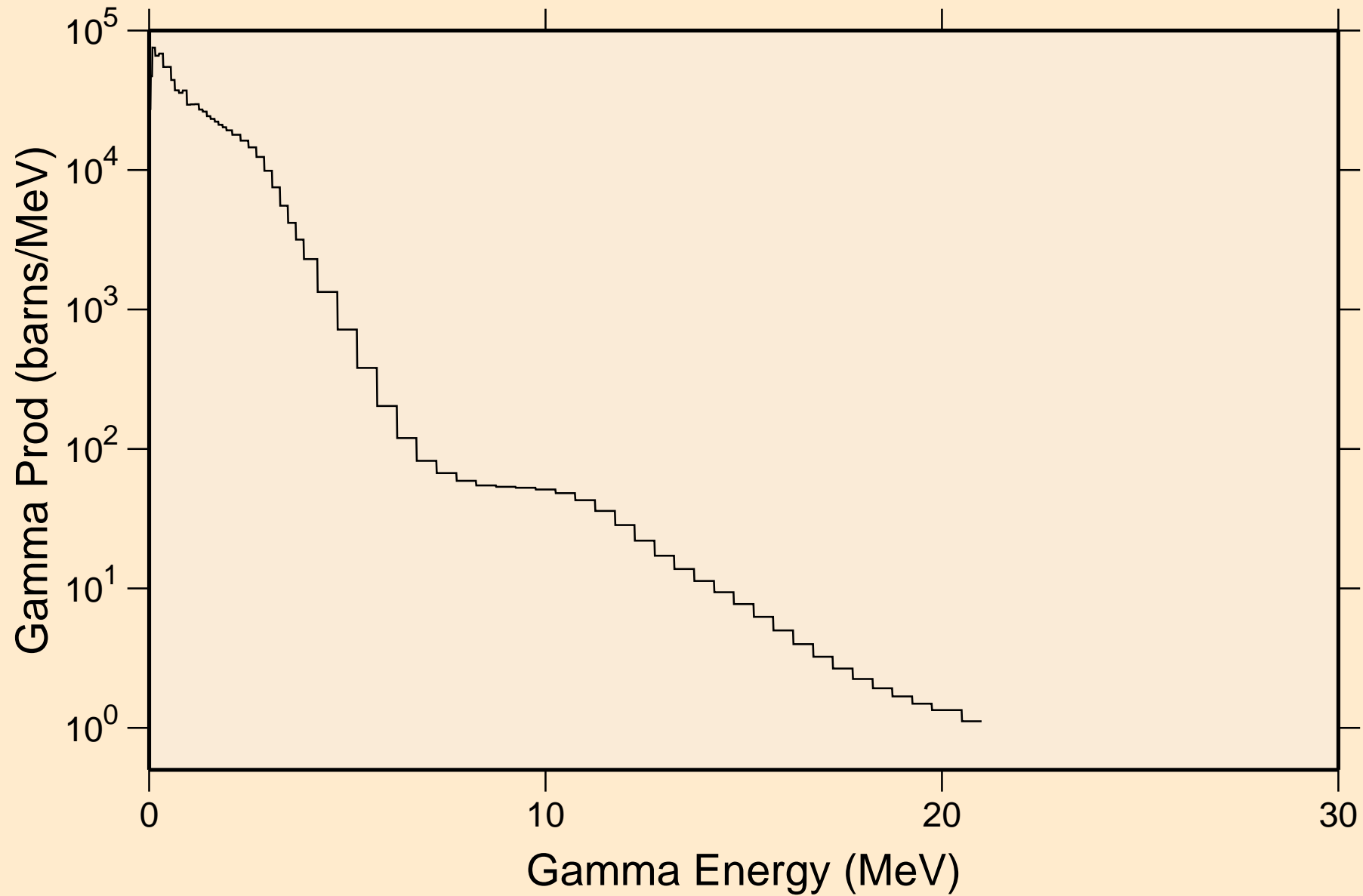
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

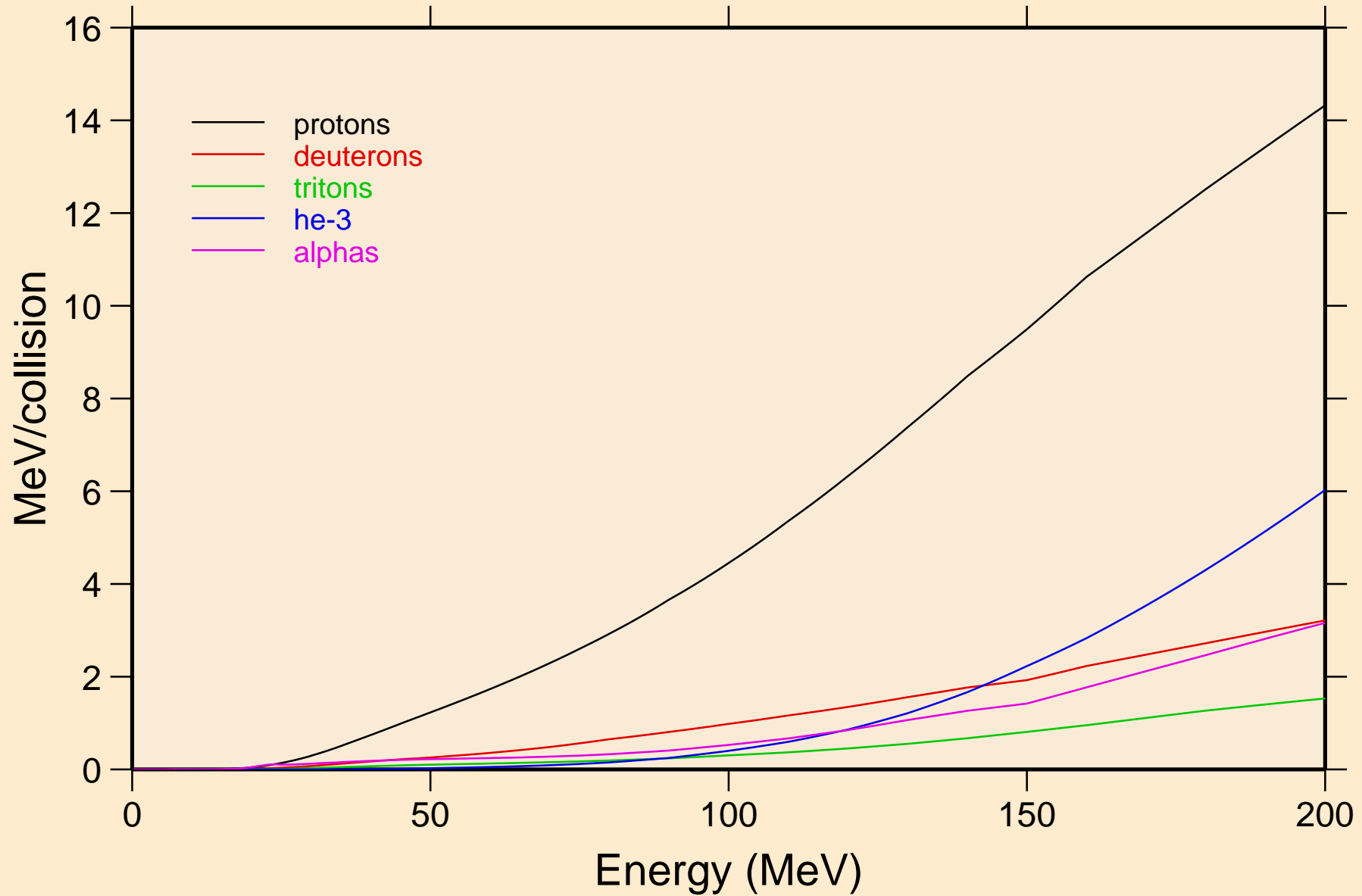


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



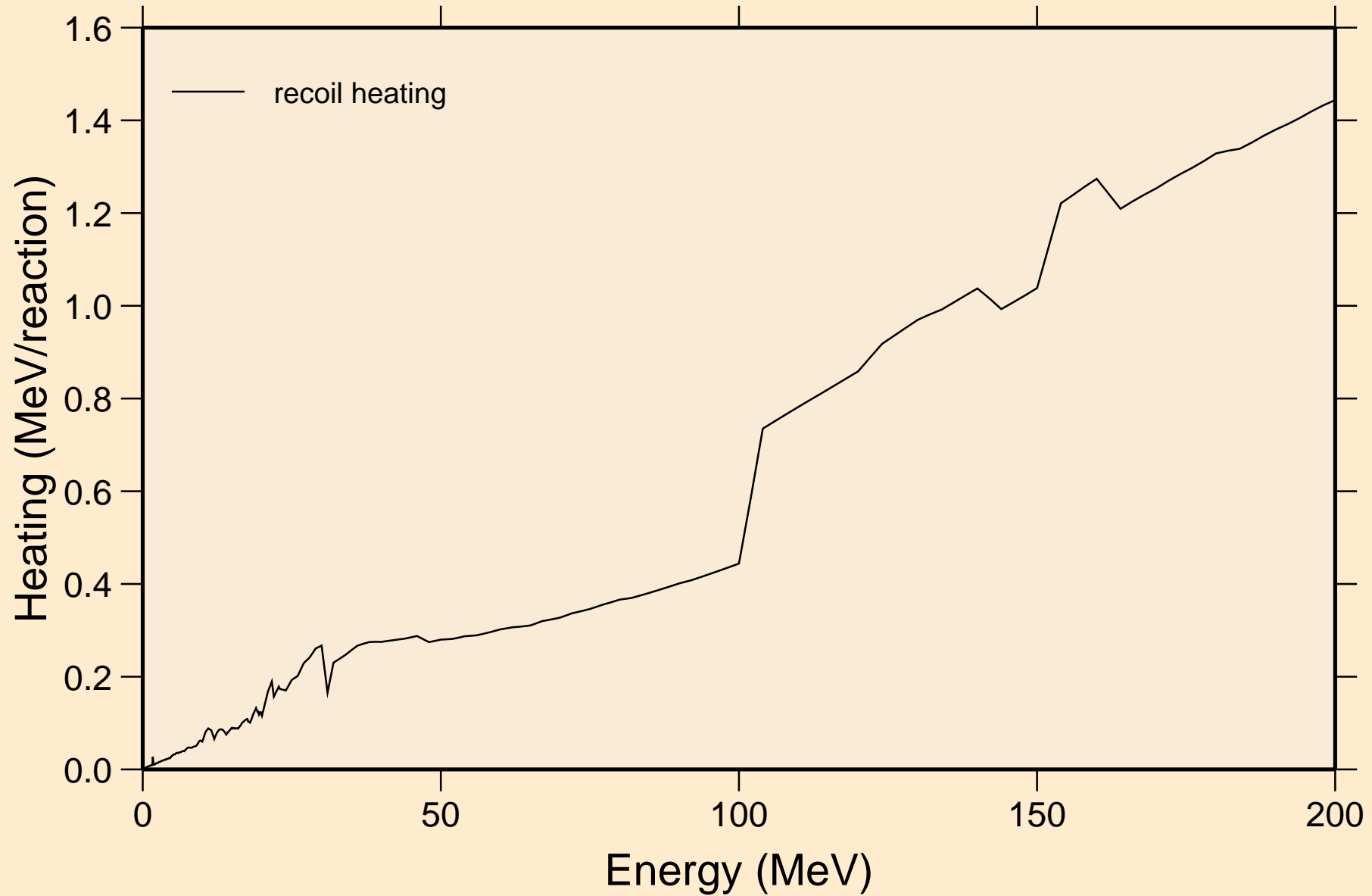
# ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

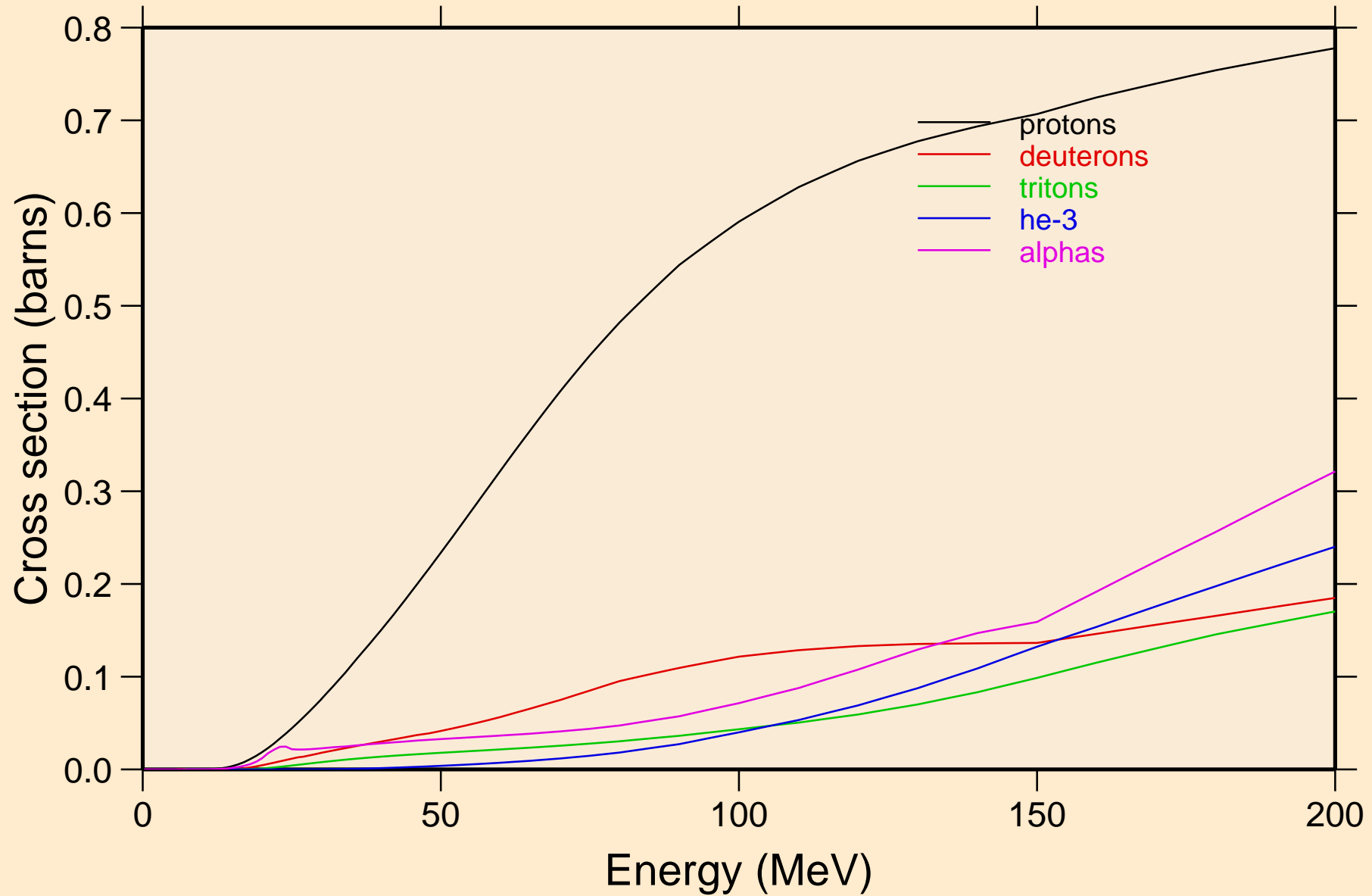




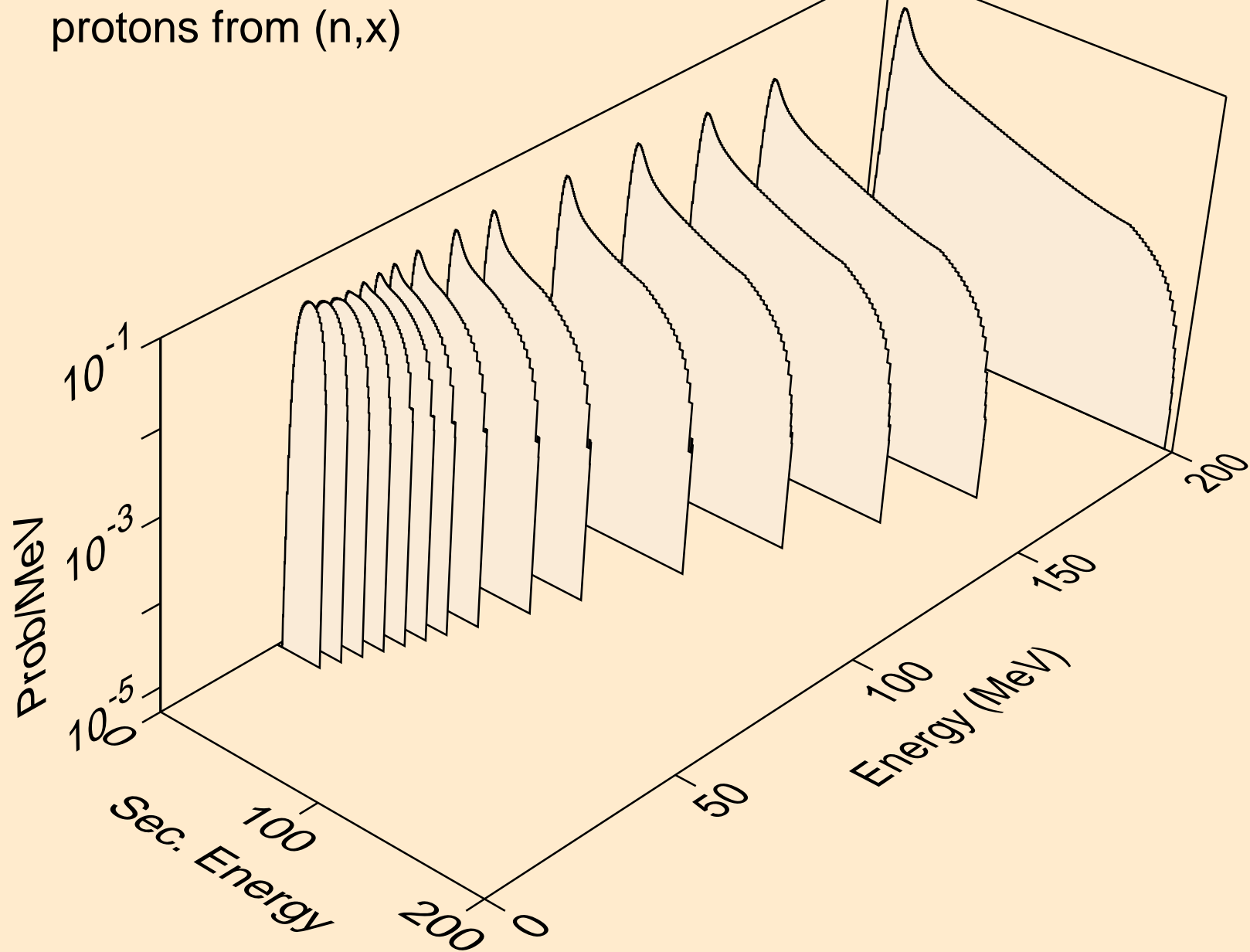
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Recoil Heating



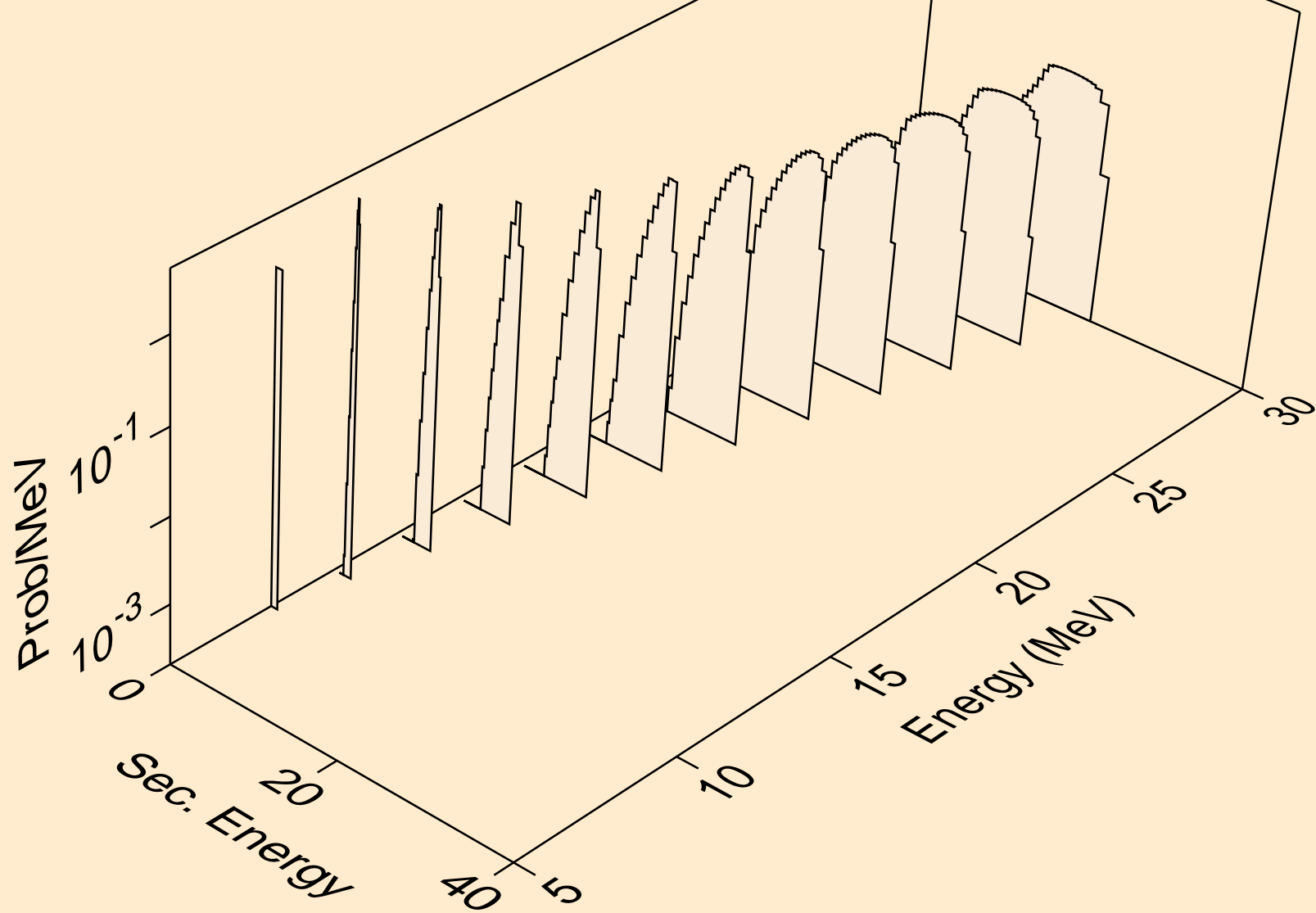
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



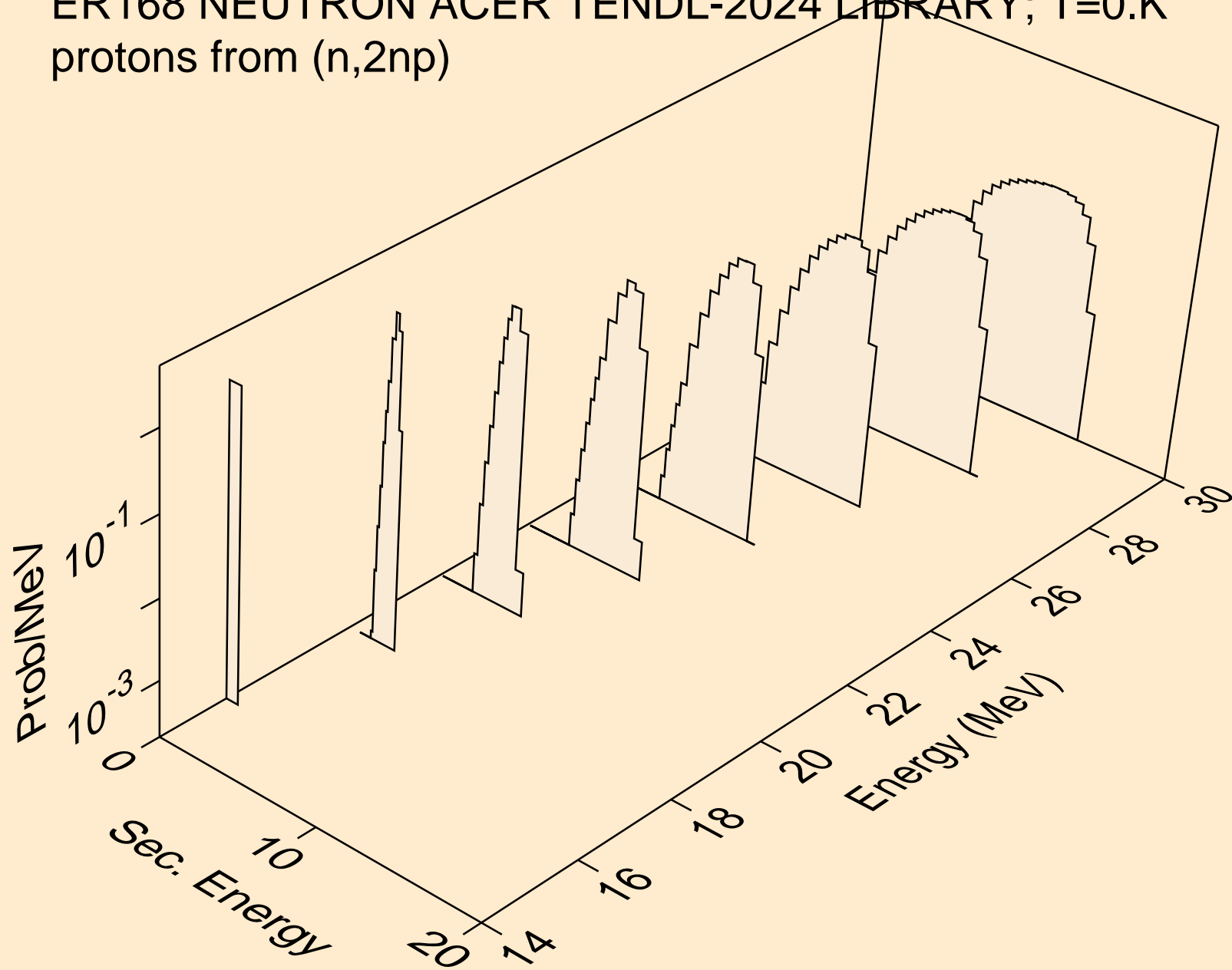
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protons from (n,x)



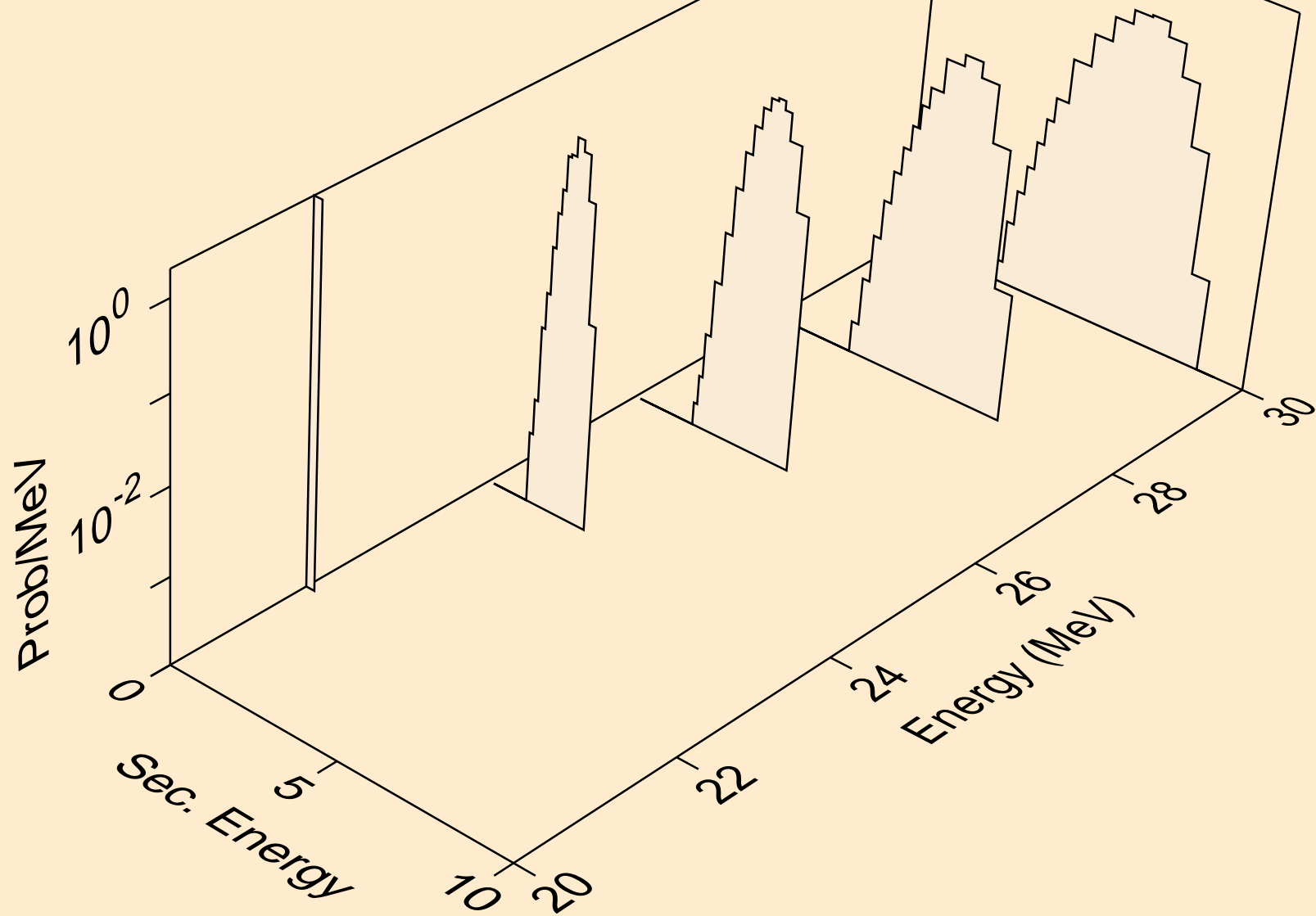
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protons from (n,n\*)p



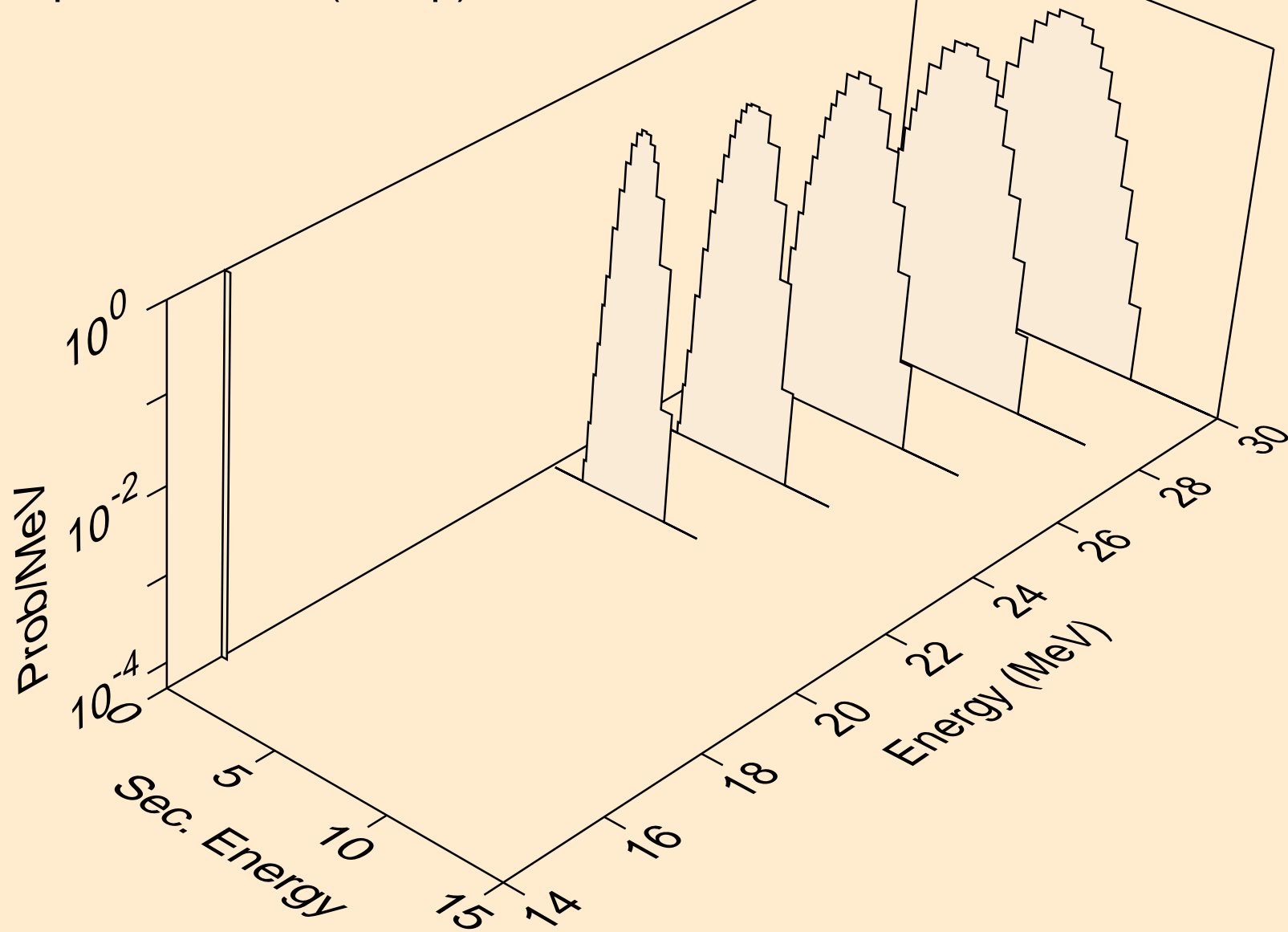
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protons from (n,2np)



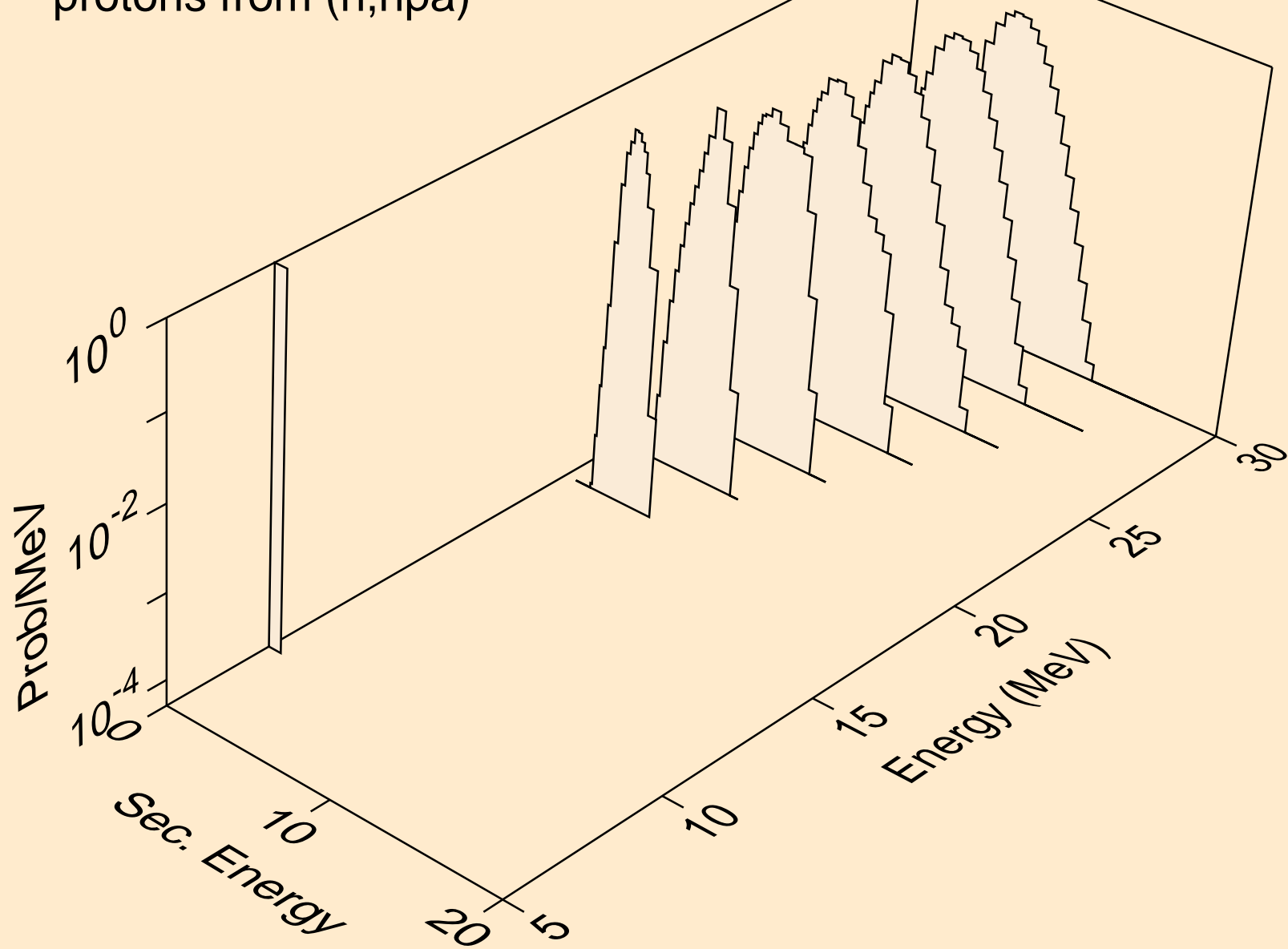
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protons from (n,3np)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

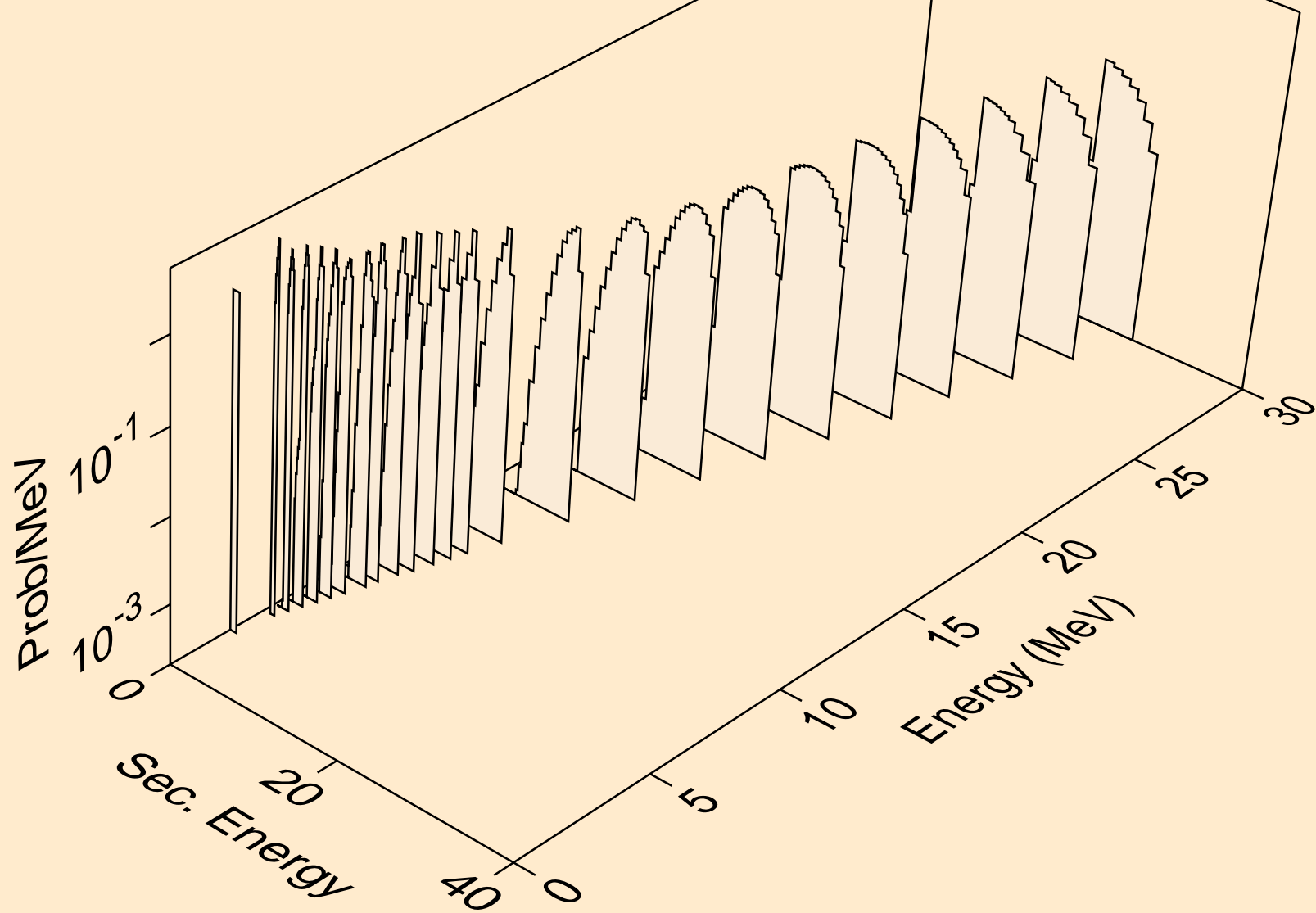


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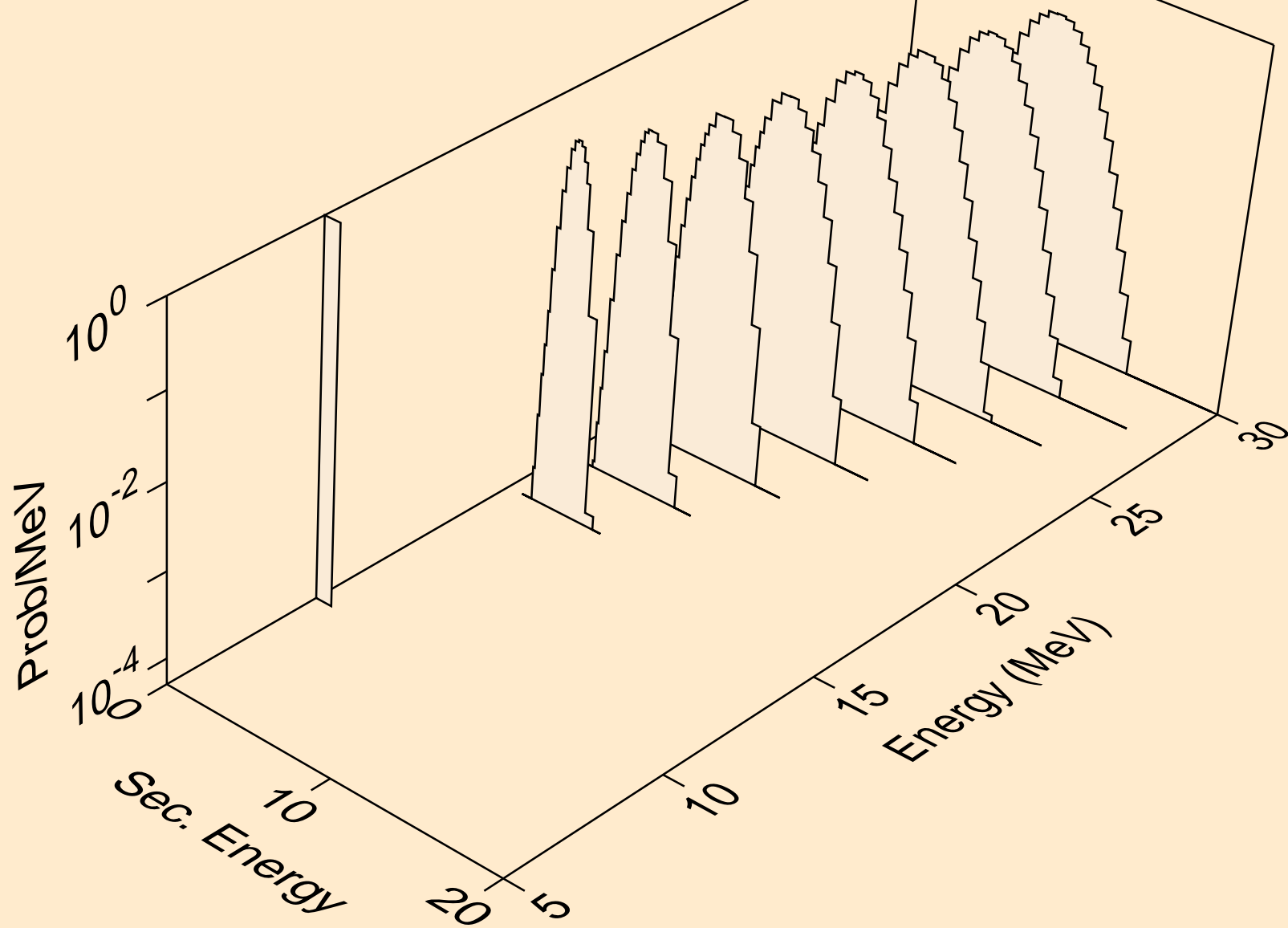




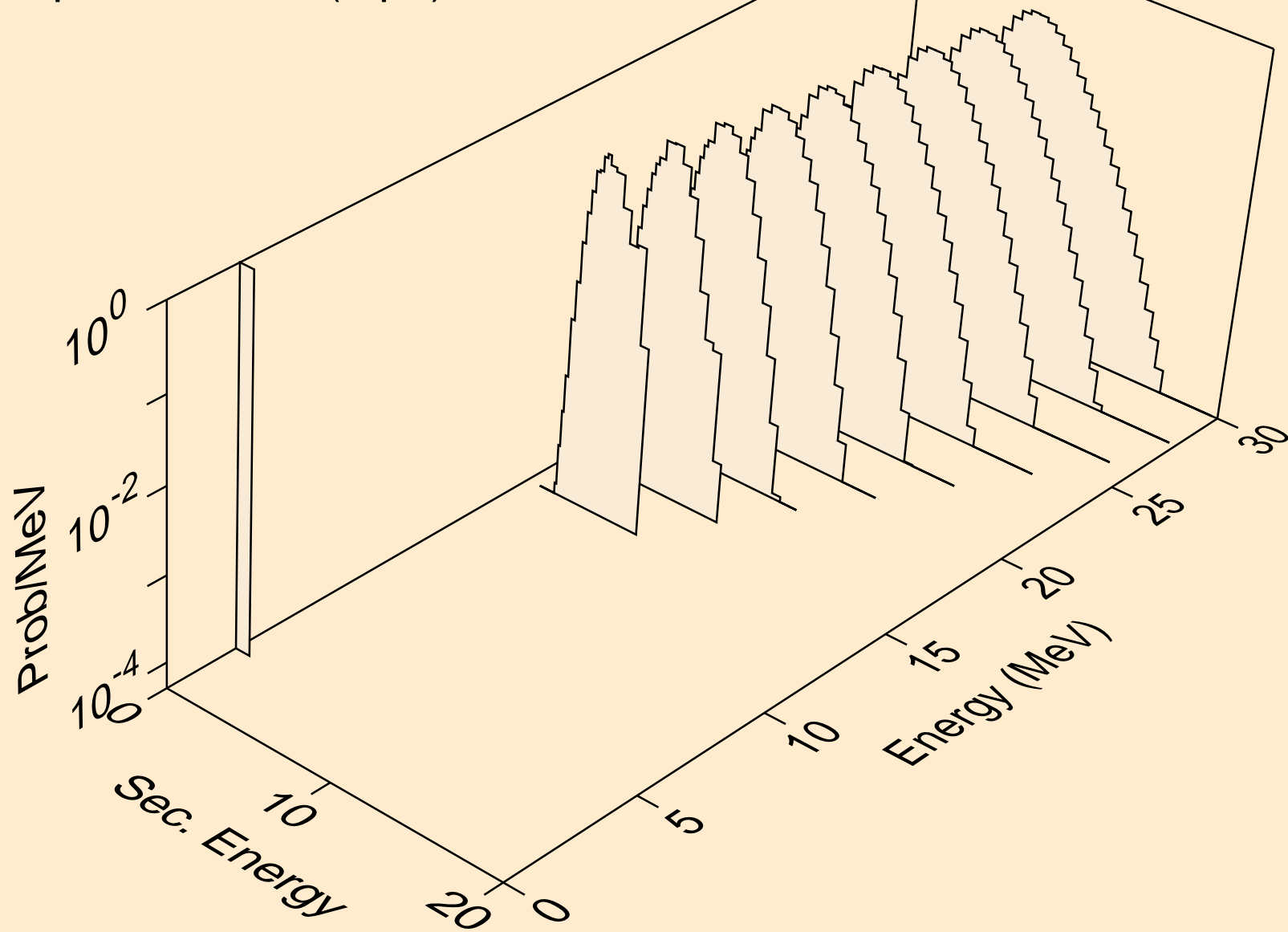
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protons from (n,p)



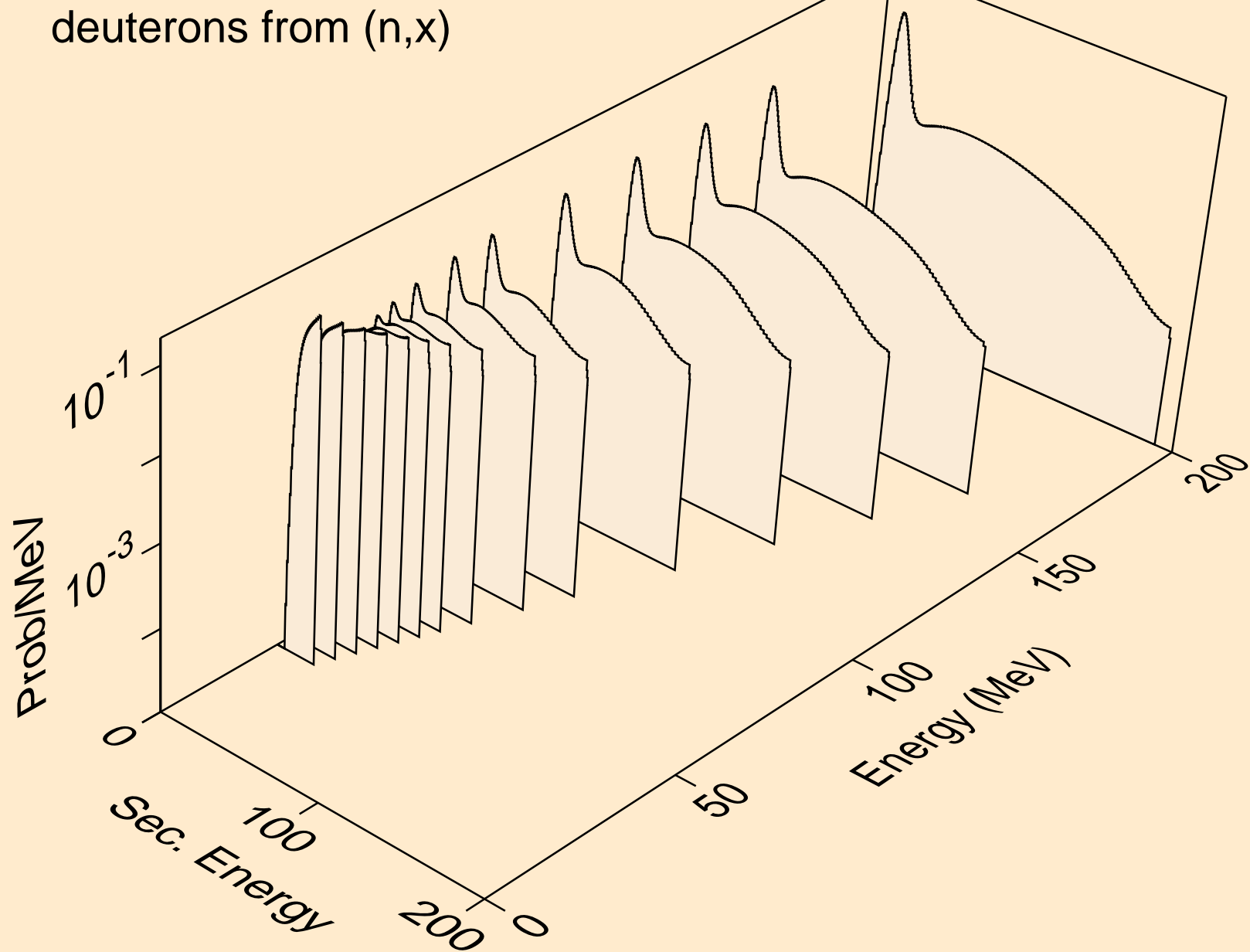
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protons from (n,2p)



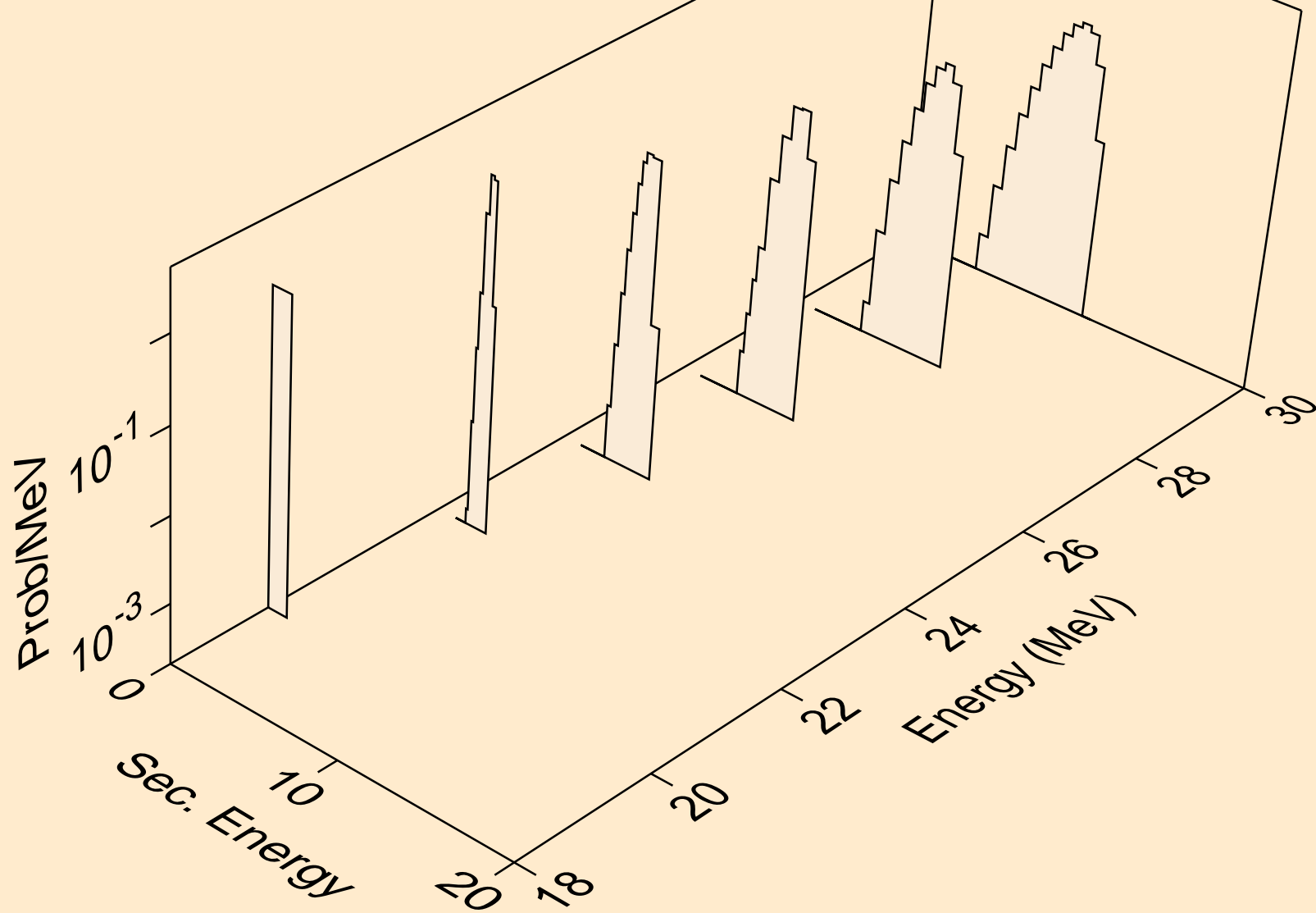
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protons from (n,p)



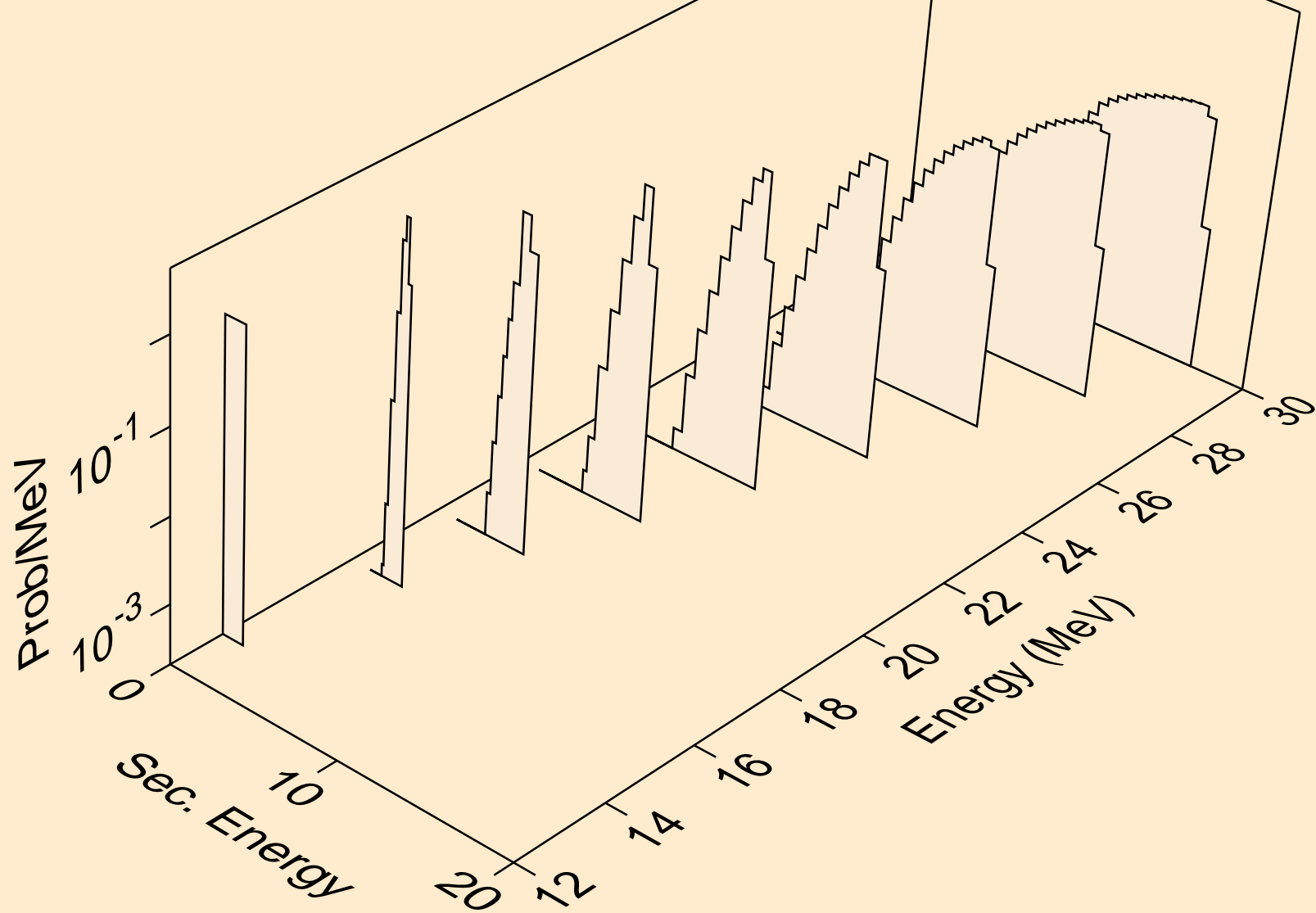
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deuterons from (n,x)



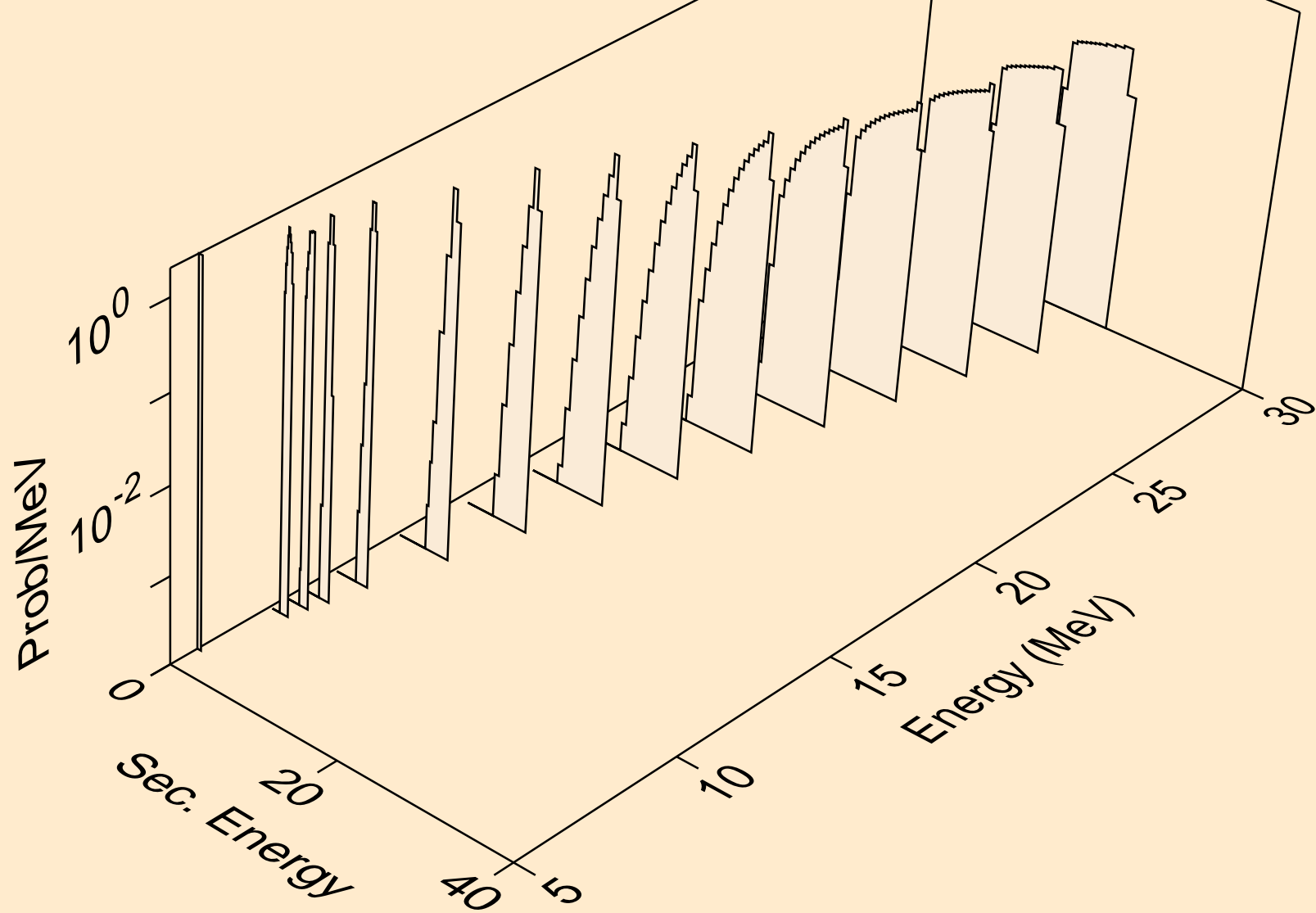
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deuterons from (n,2nd)



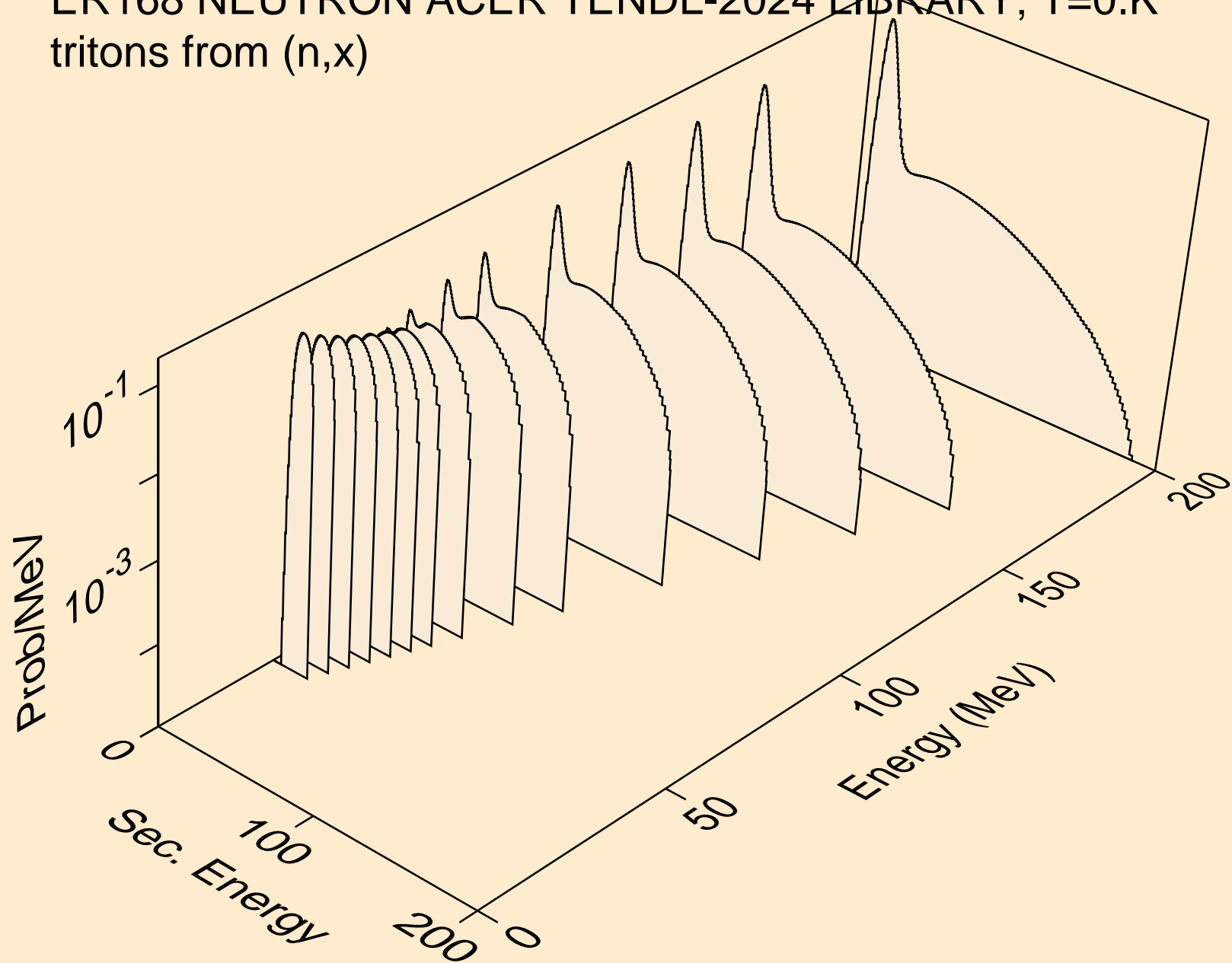
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

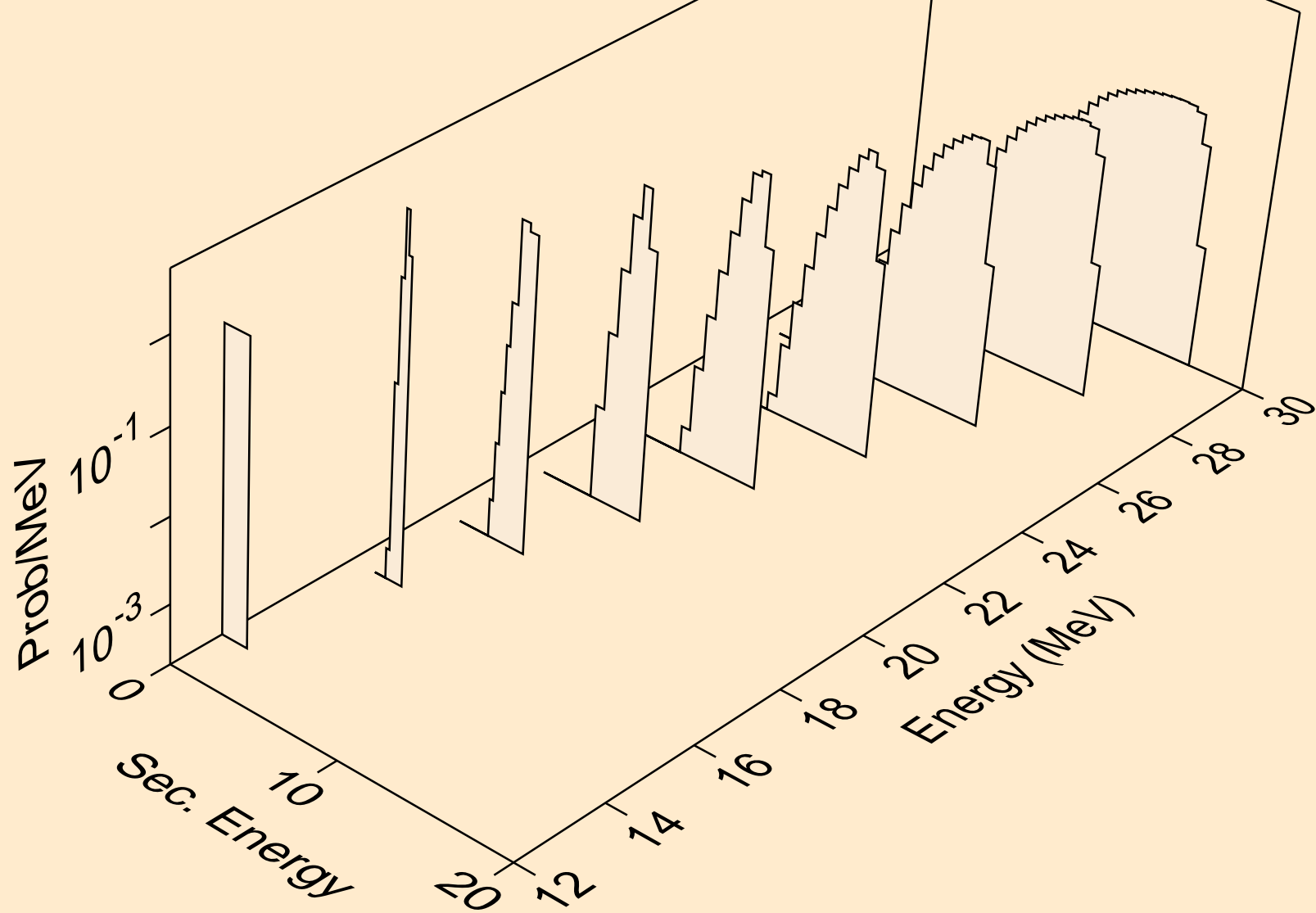


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tritons from (n,x)

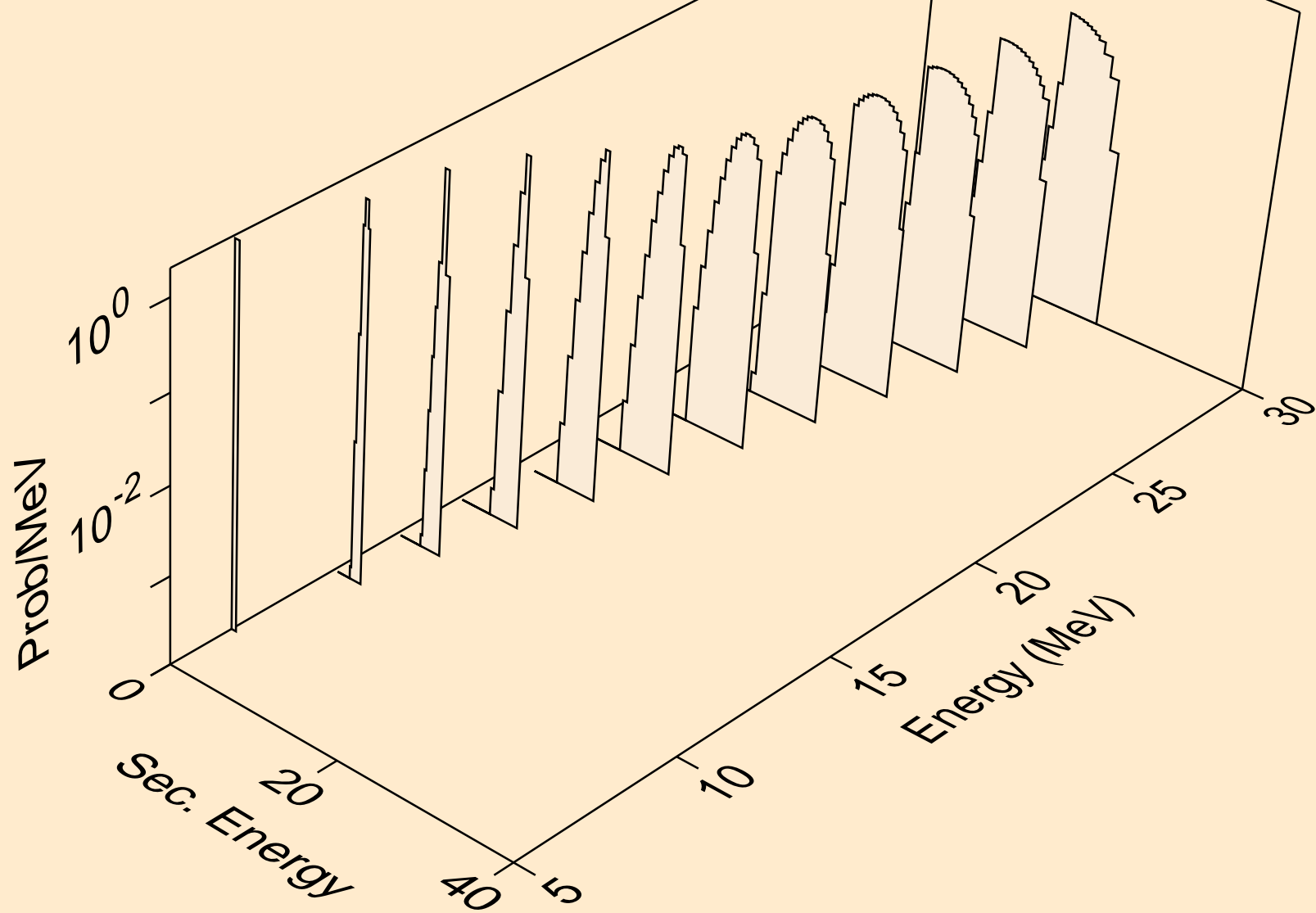




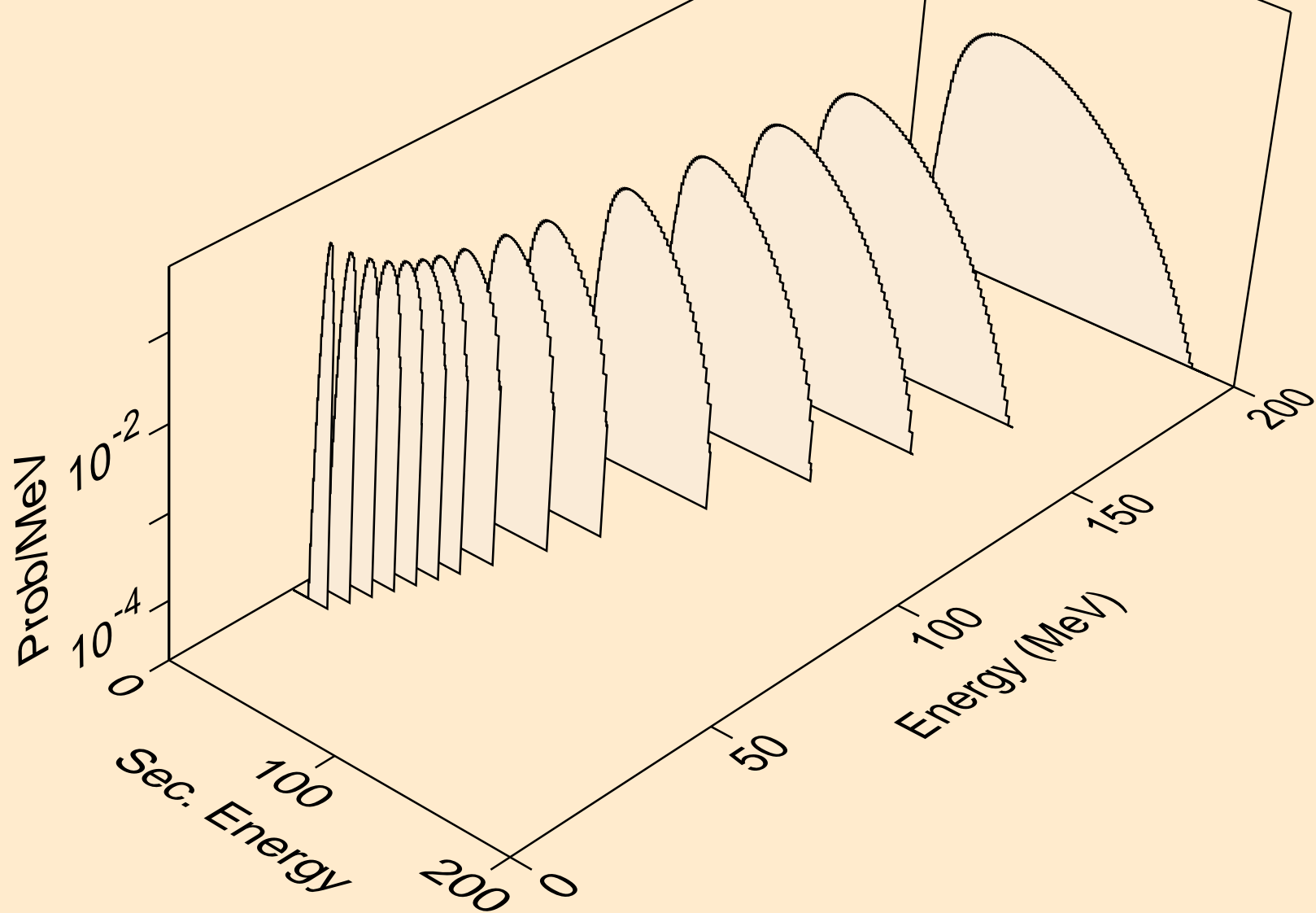
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tritons from (n,n\*)t



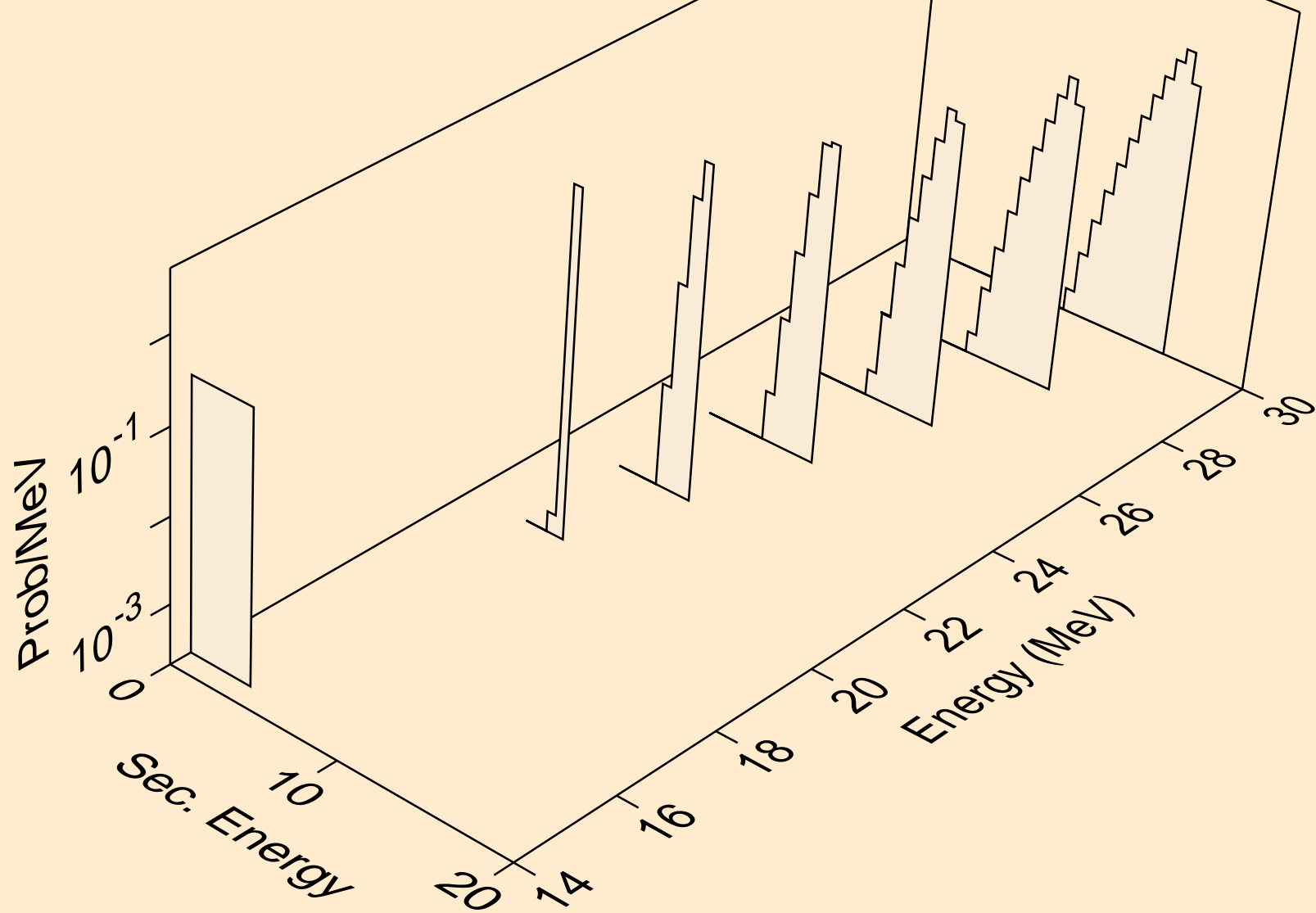
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tritons from (n,t)



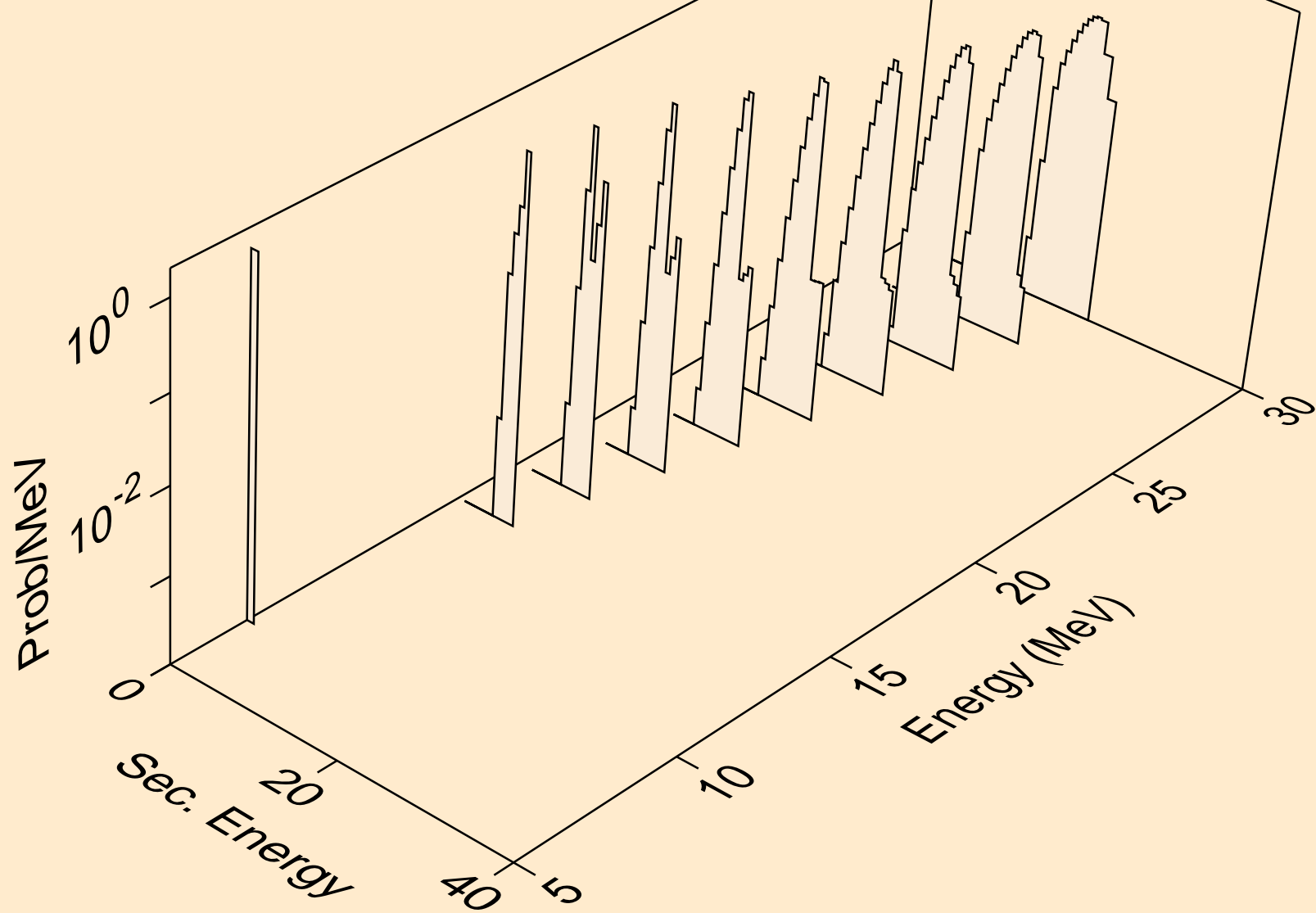
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he3s from (n,x)



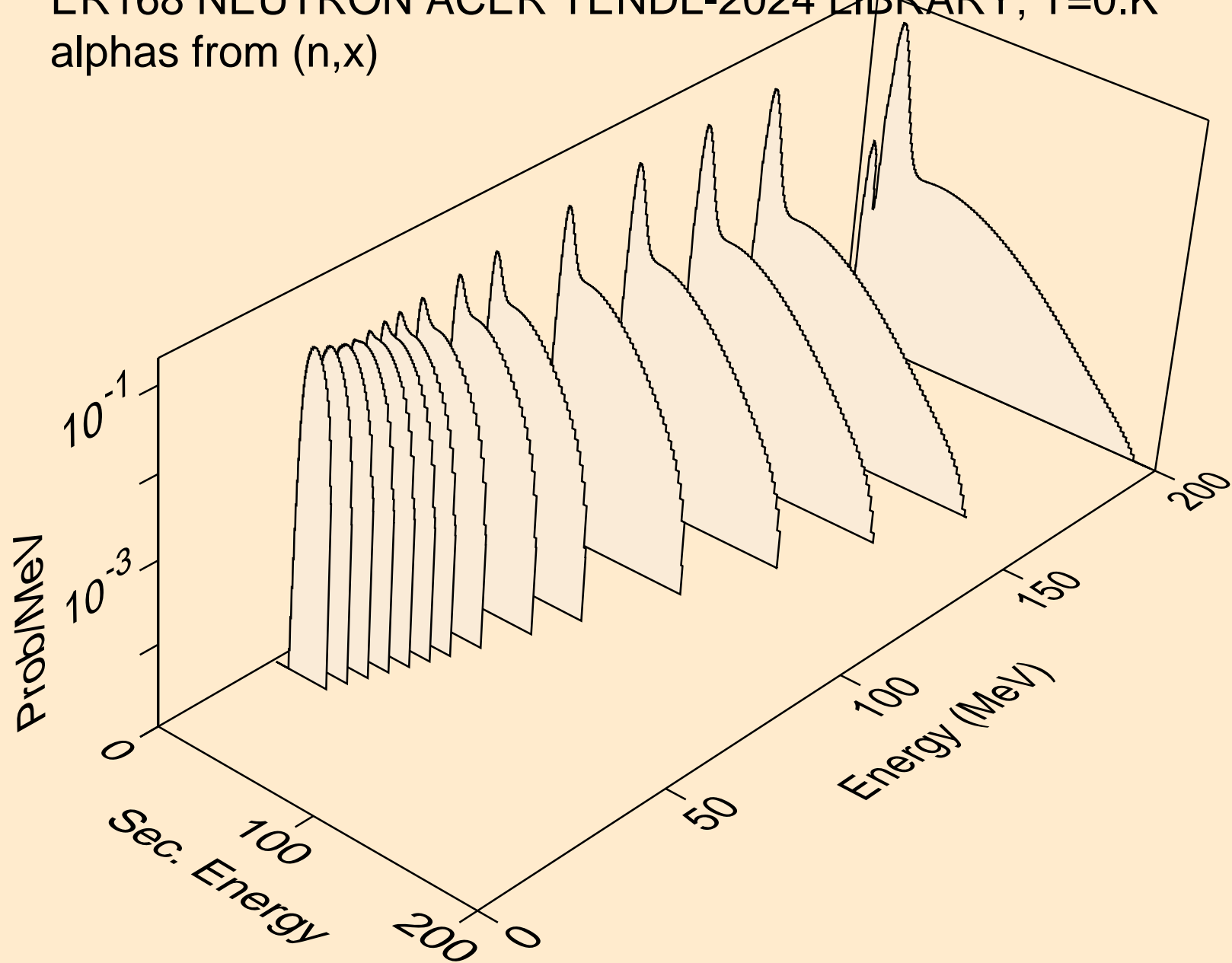
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he3s from (n,n\*)he3



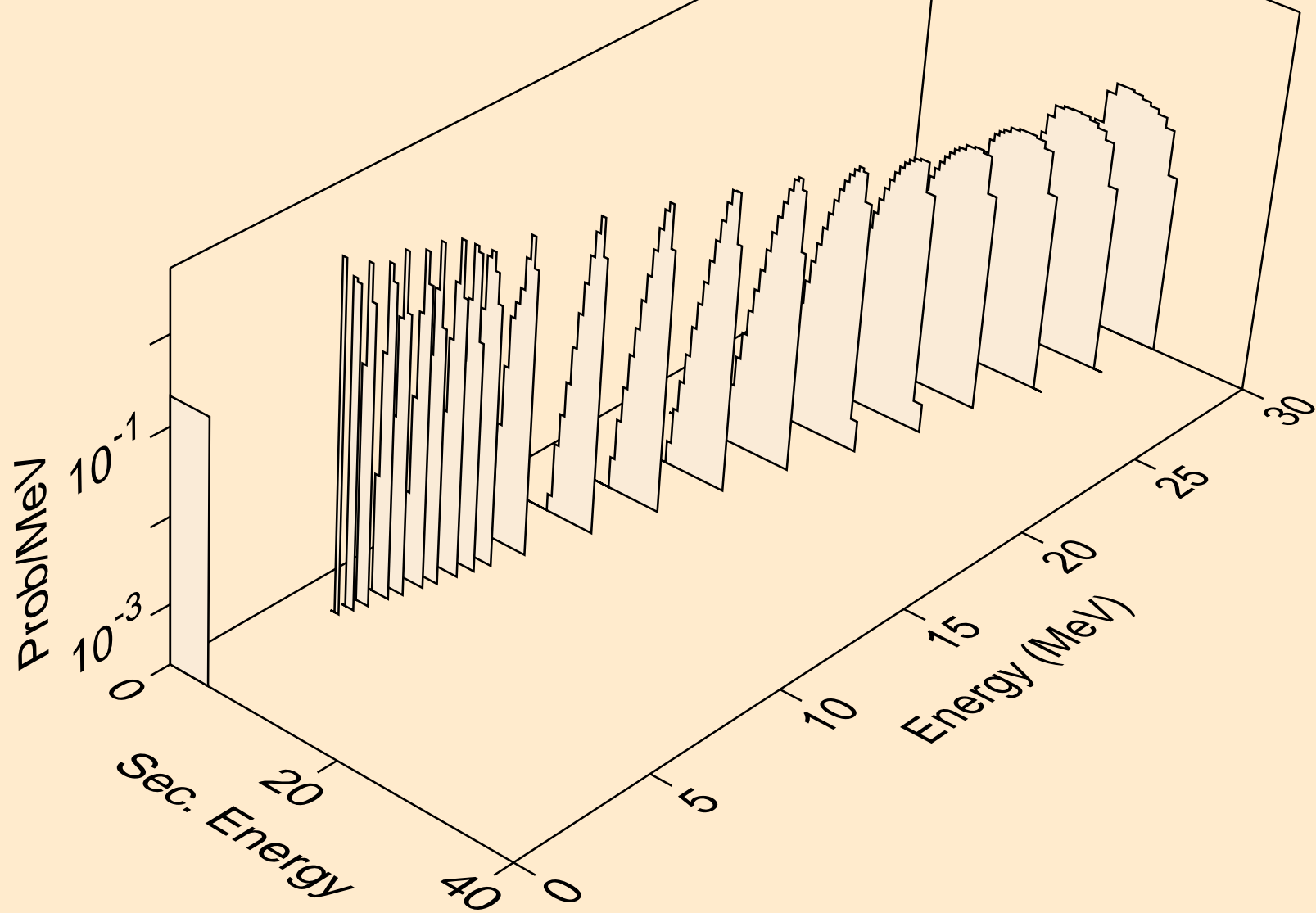
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he3s from (n,he3)



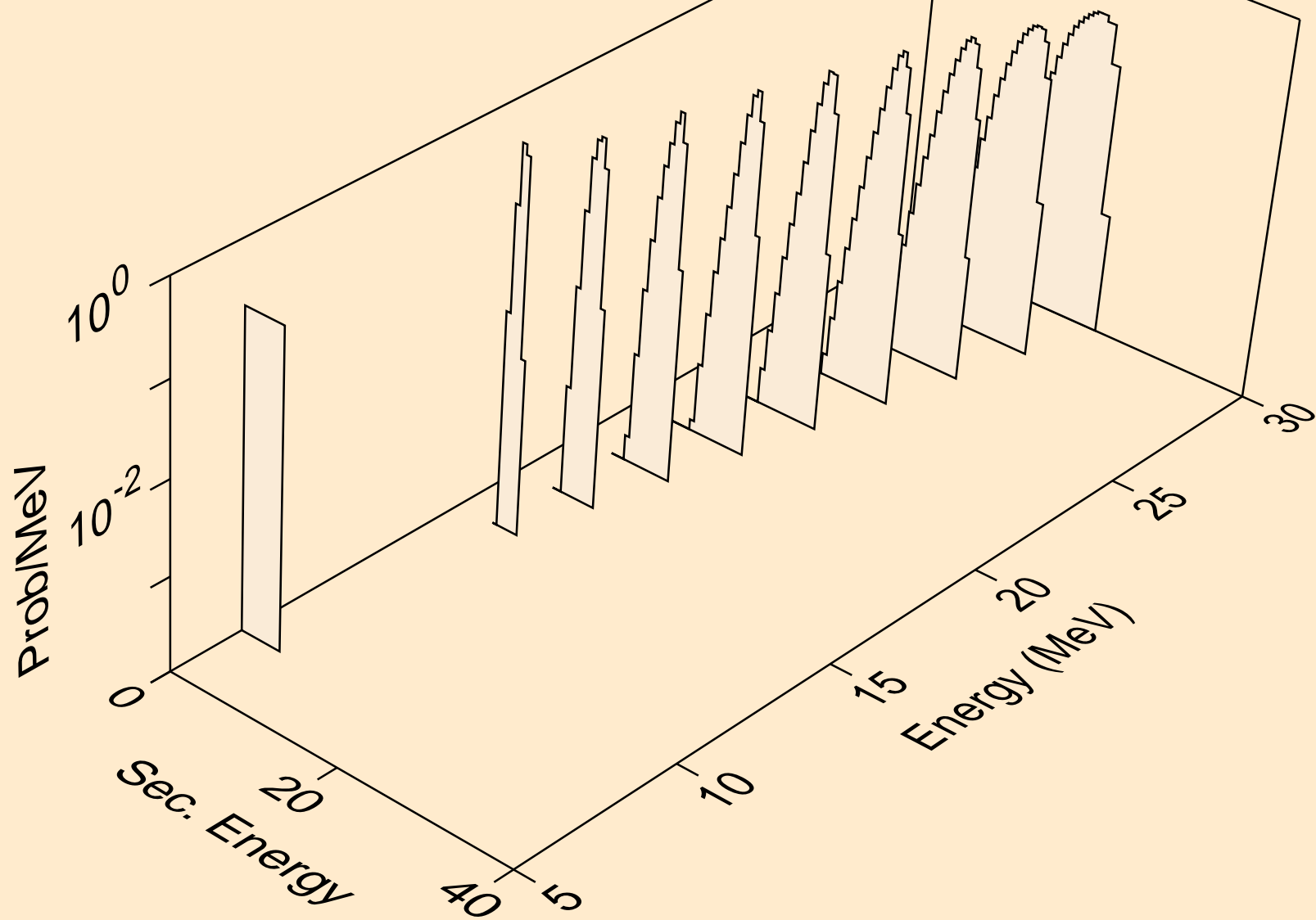
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

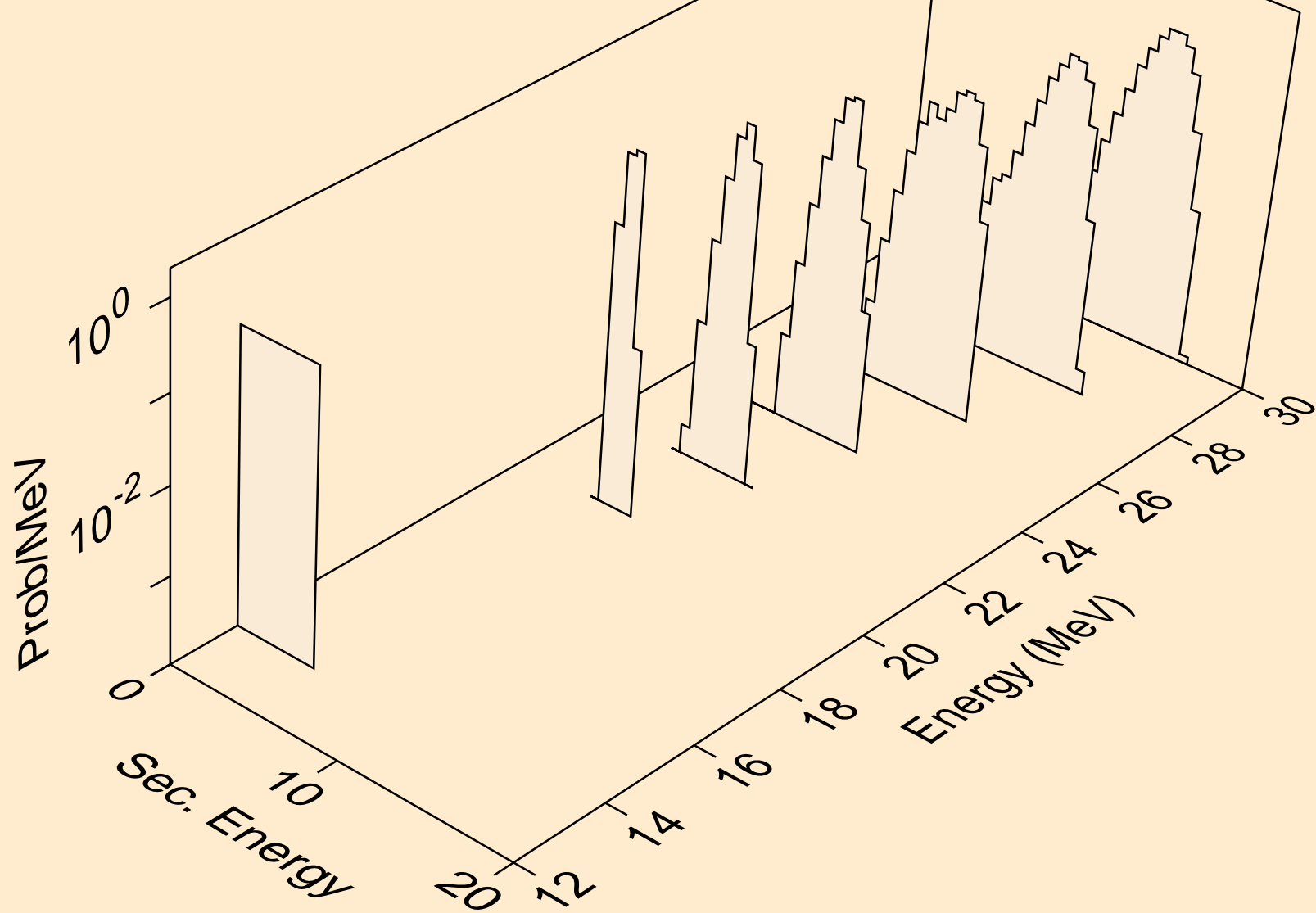


ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

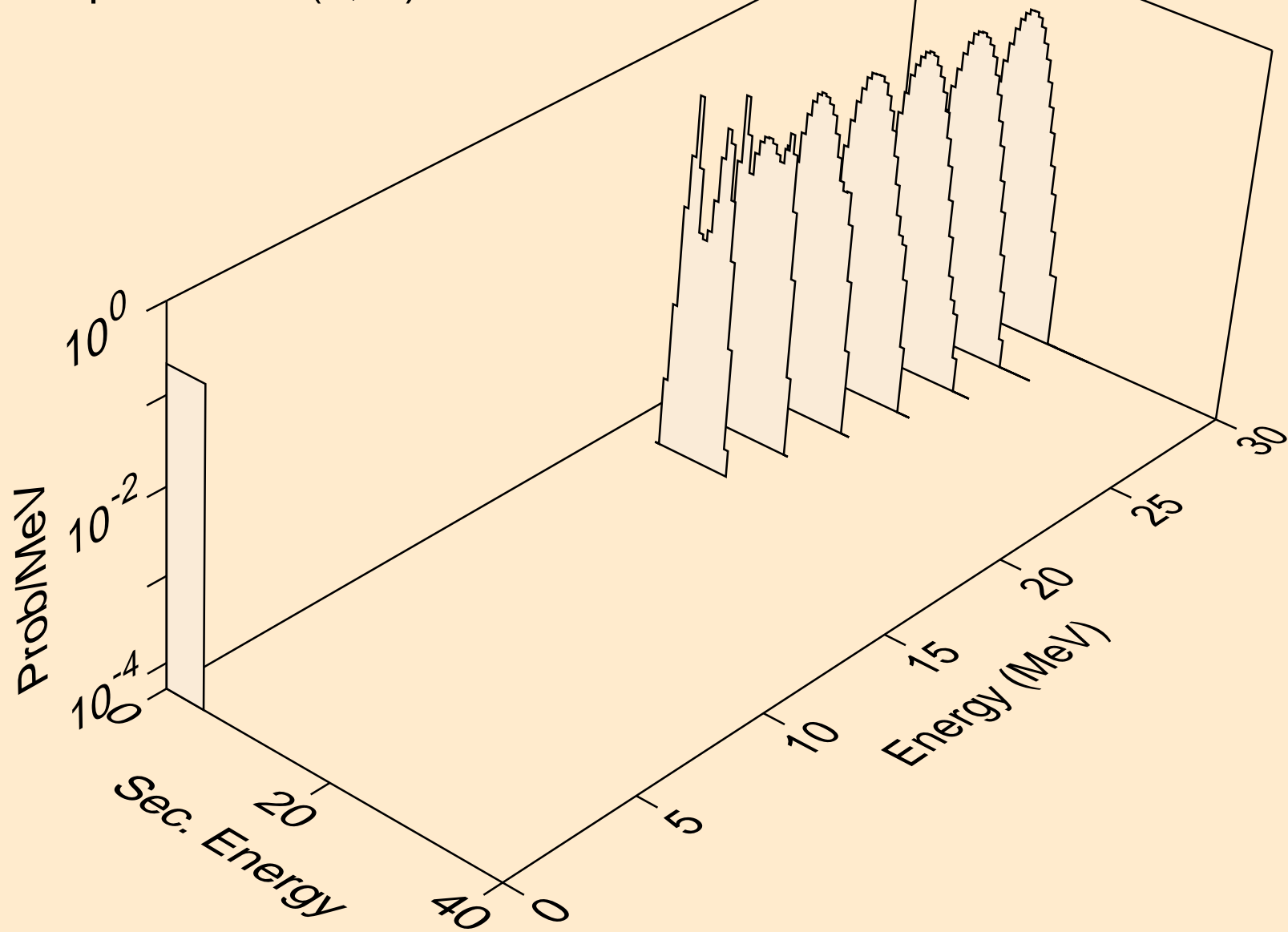




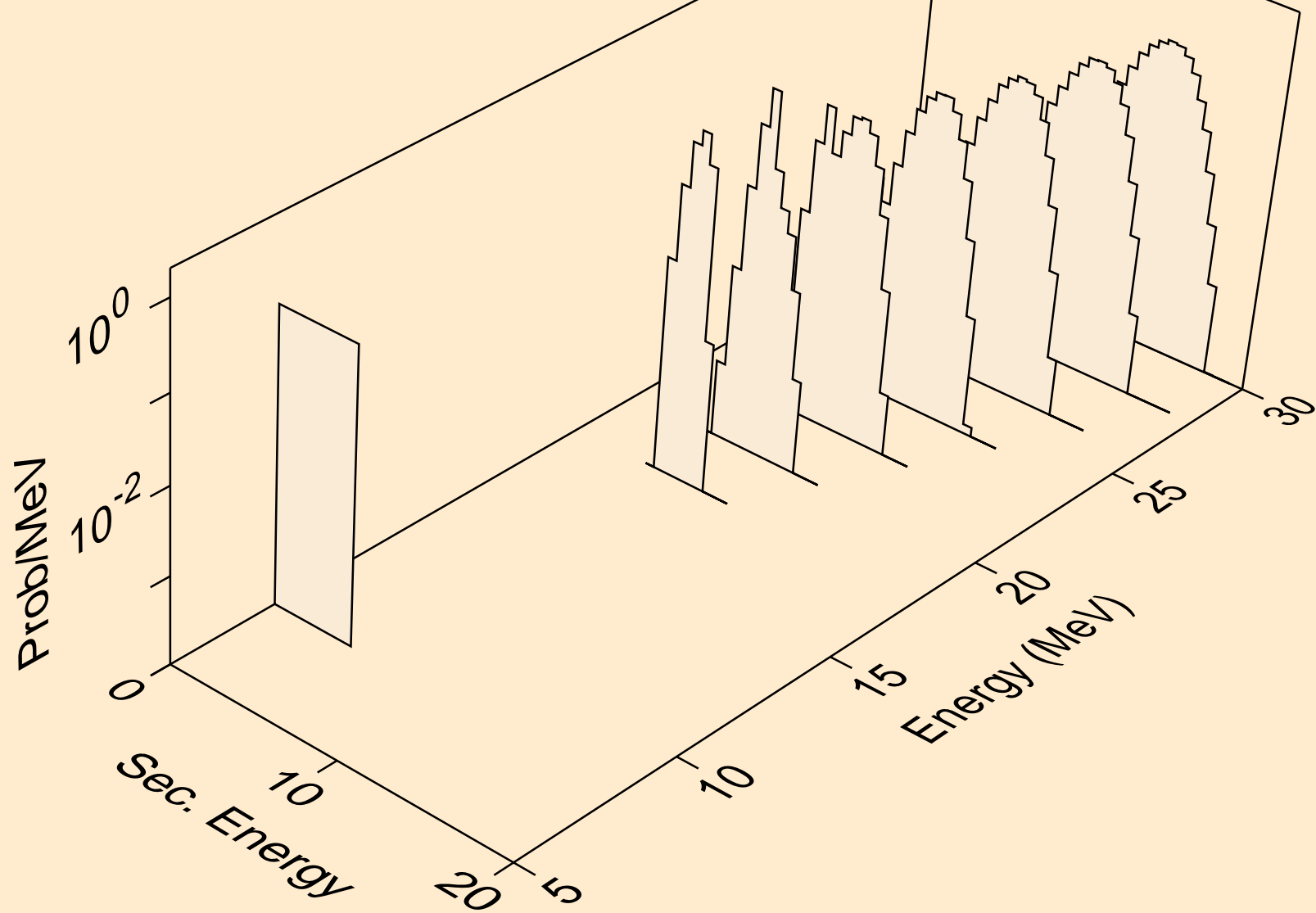
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



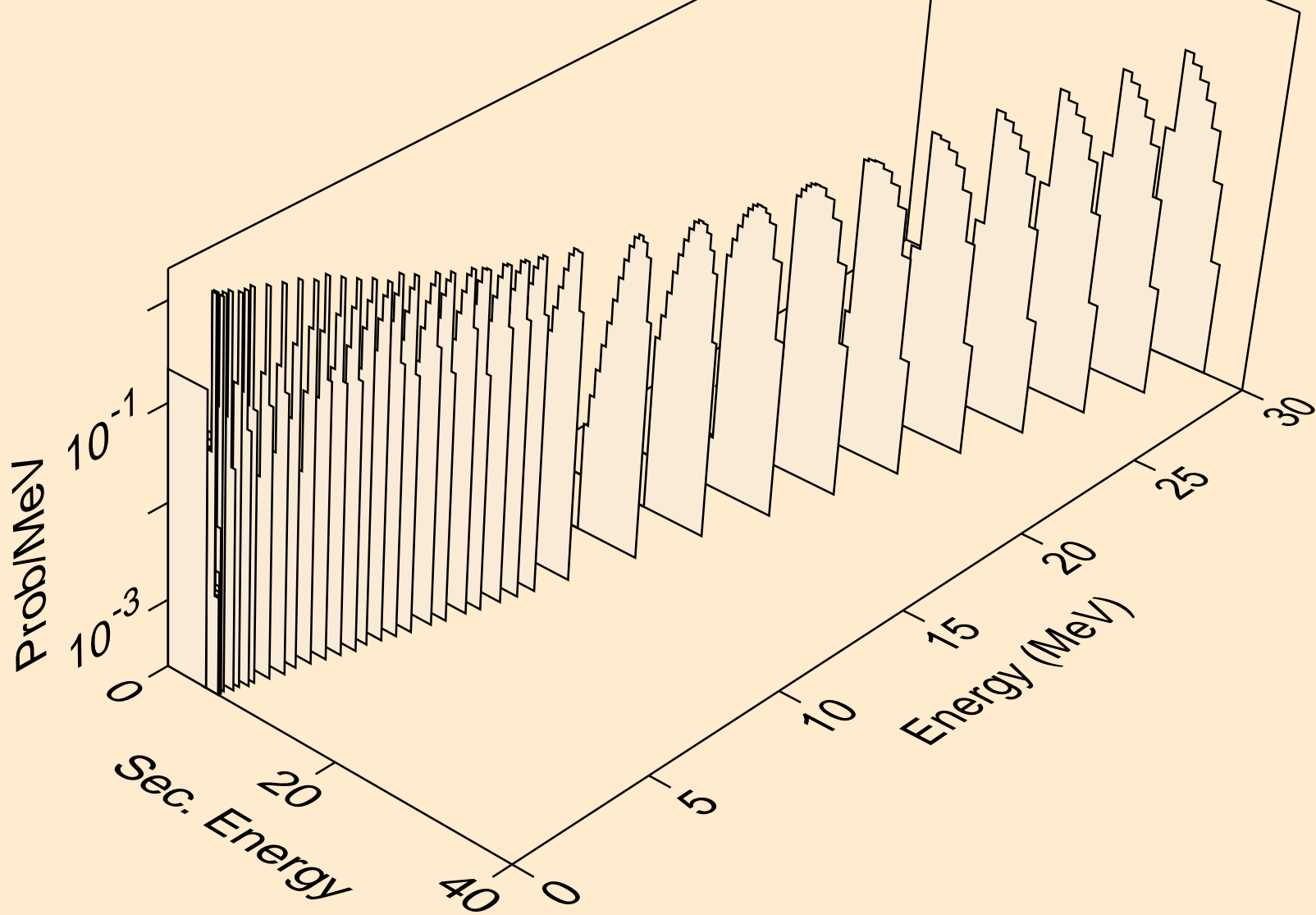
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



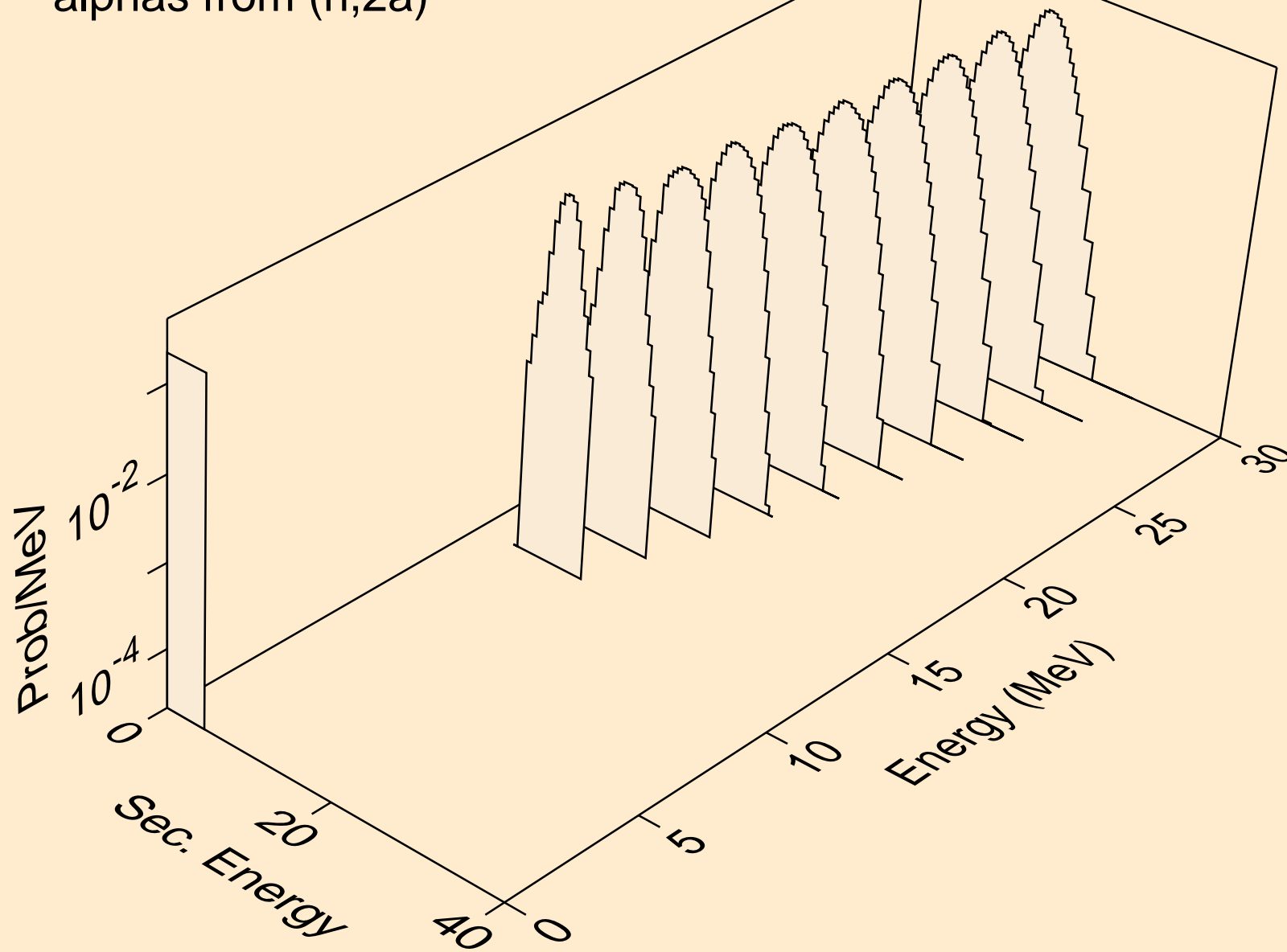
ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ER168 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

