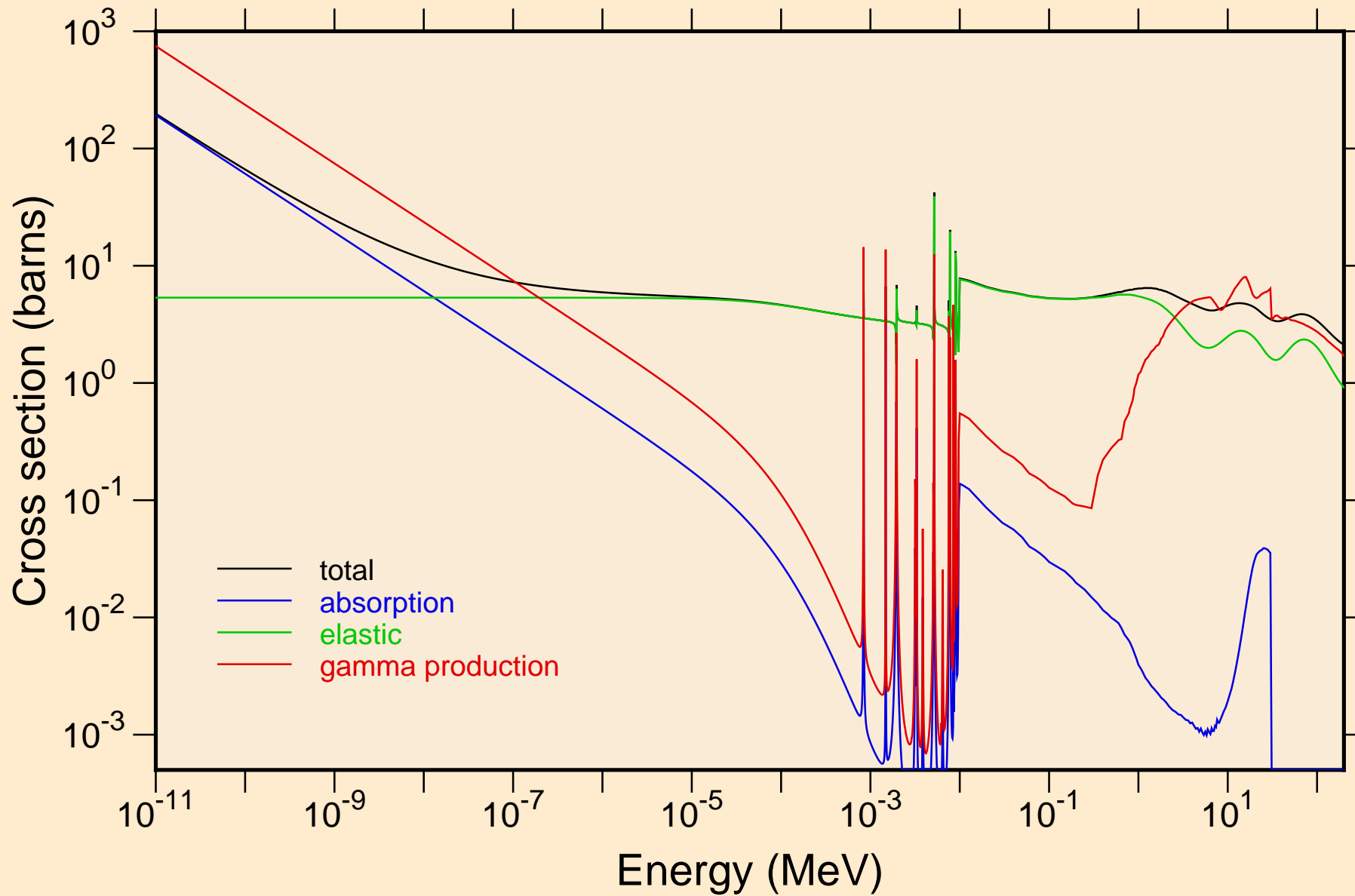
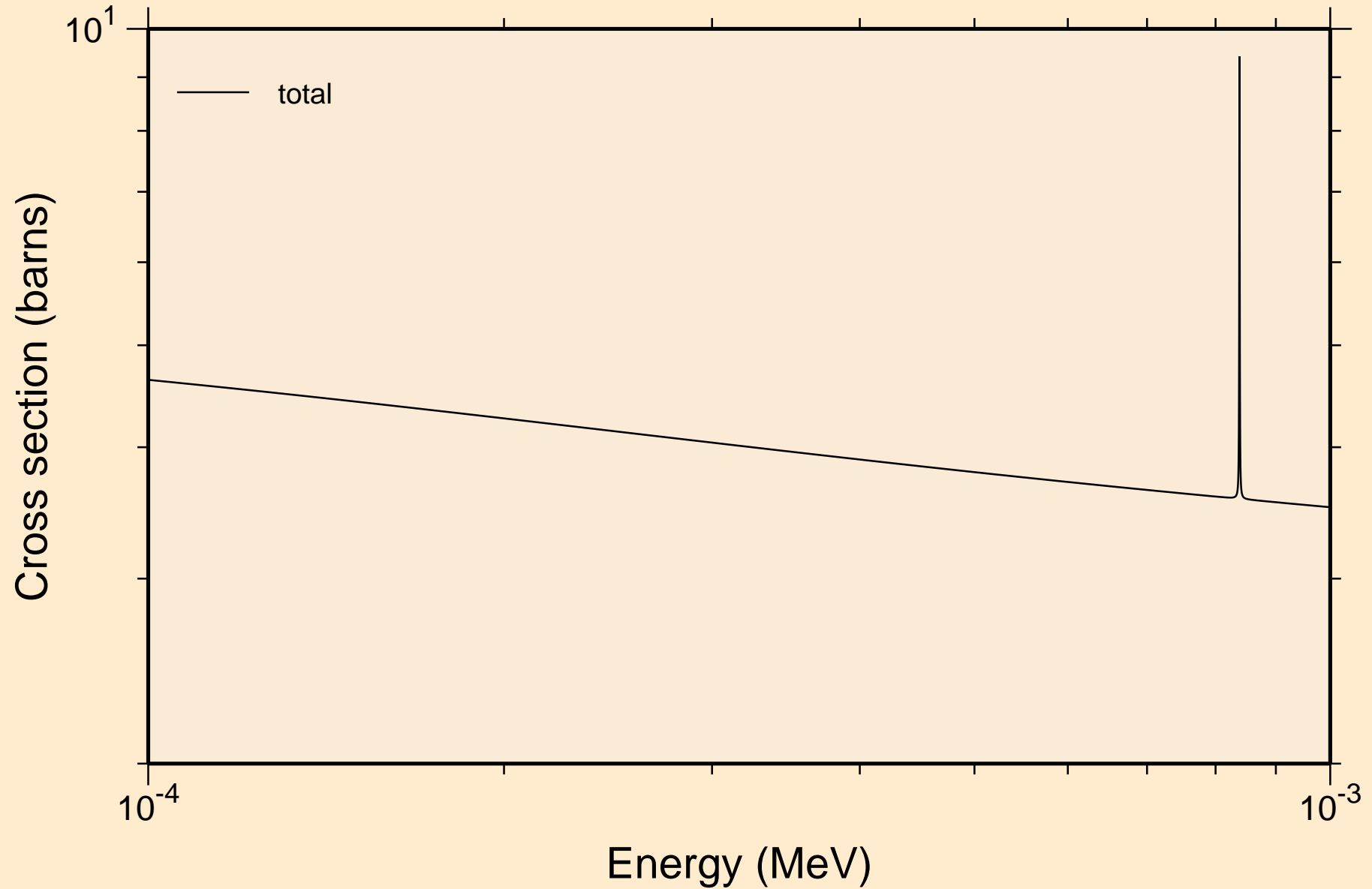


# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

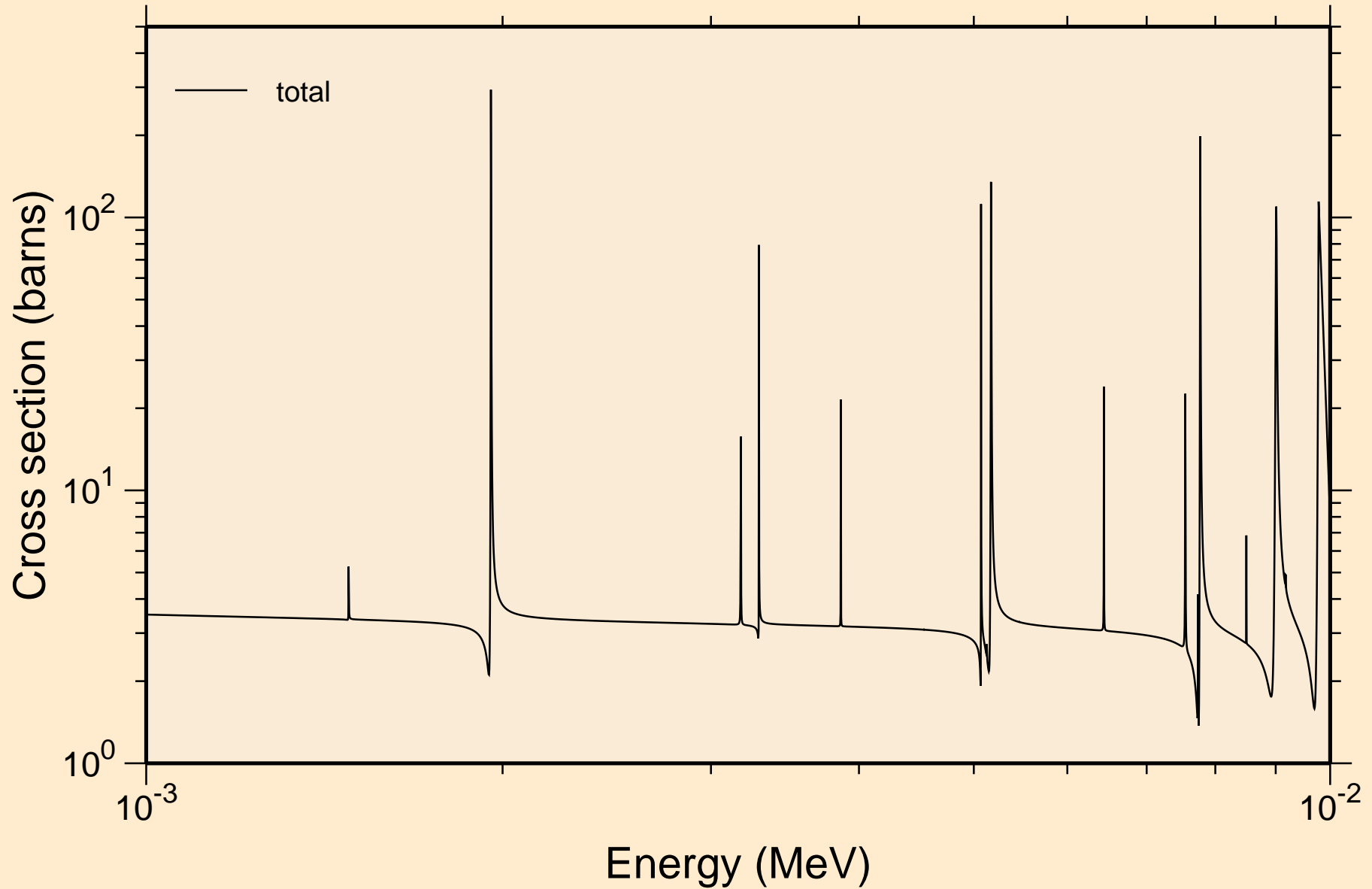
## Principal cross sections



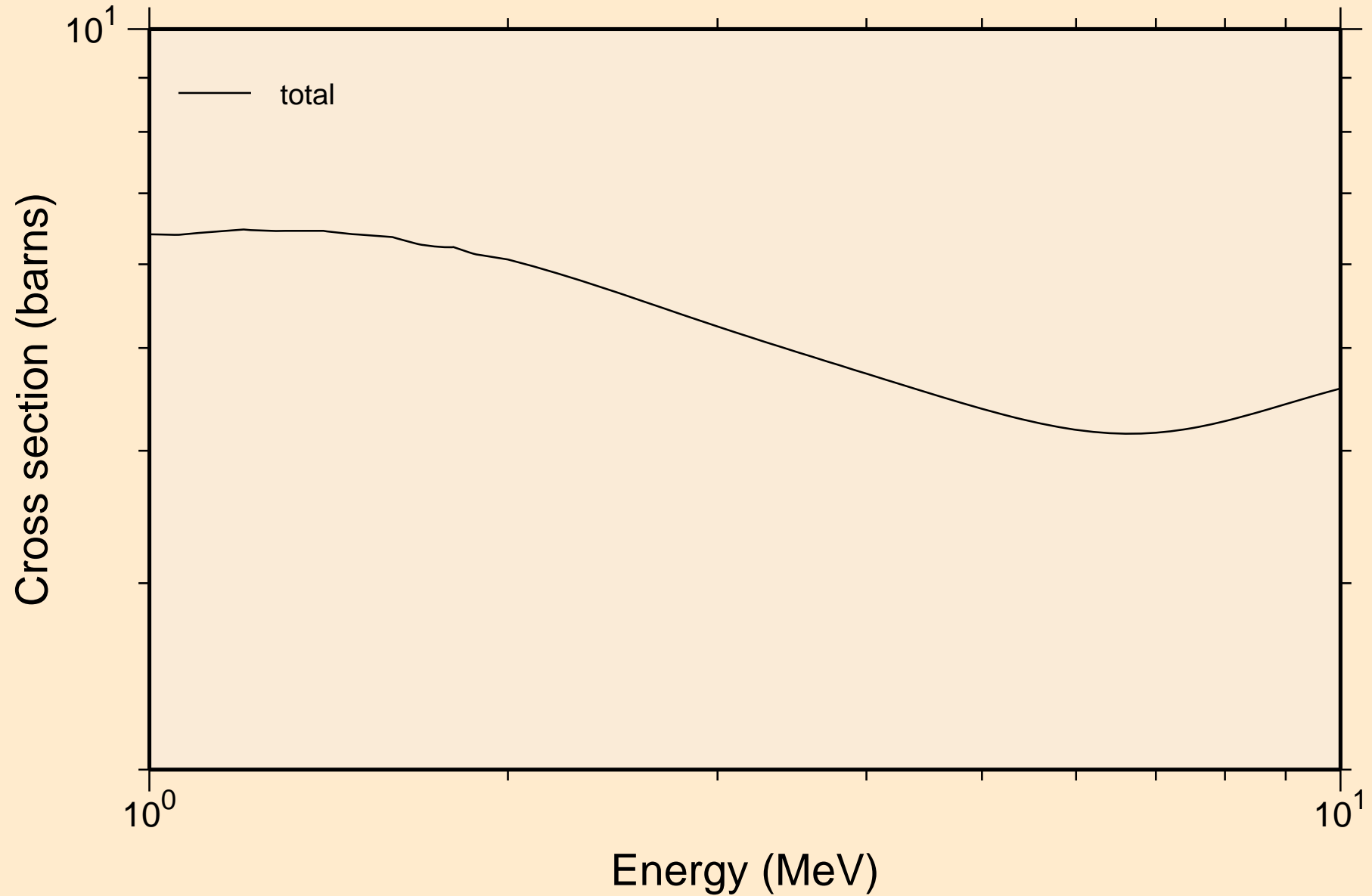
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



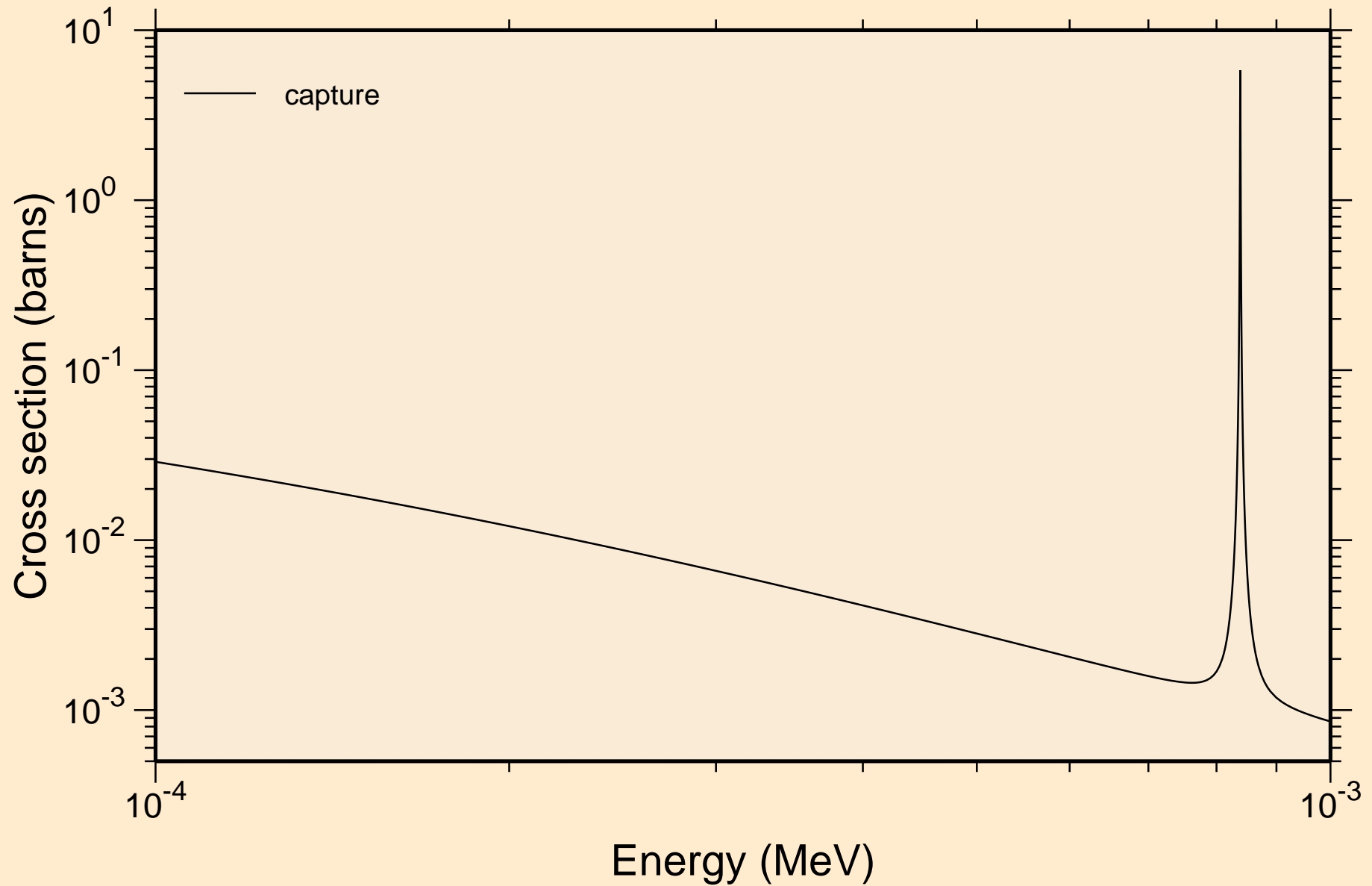
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



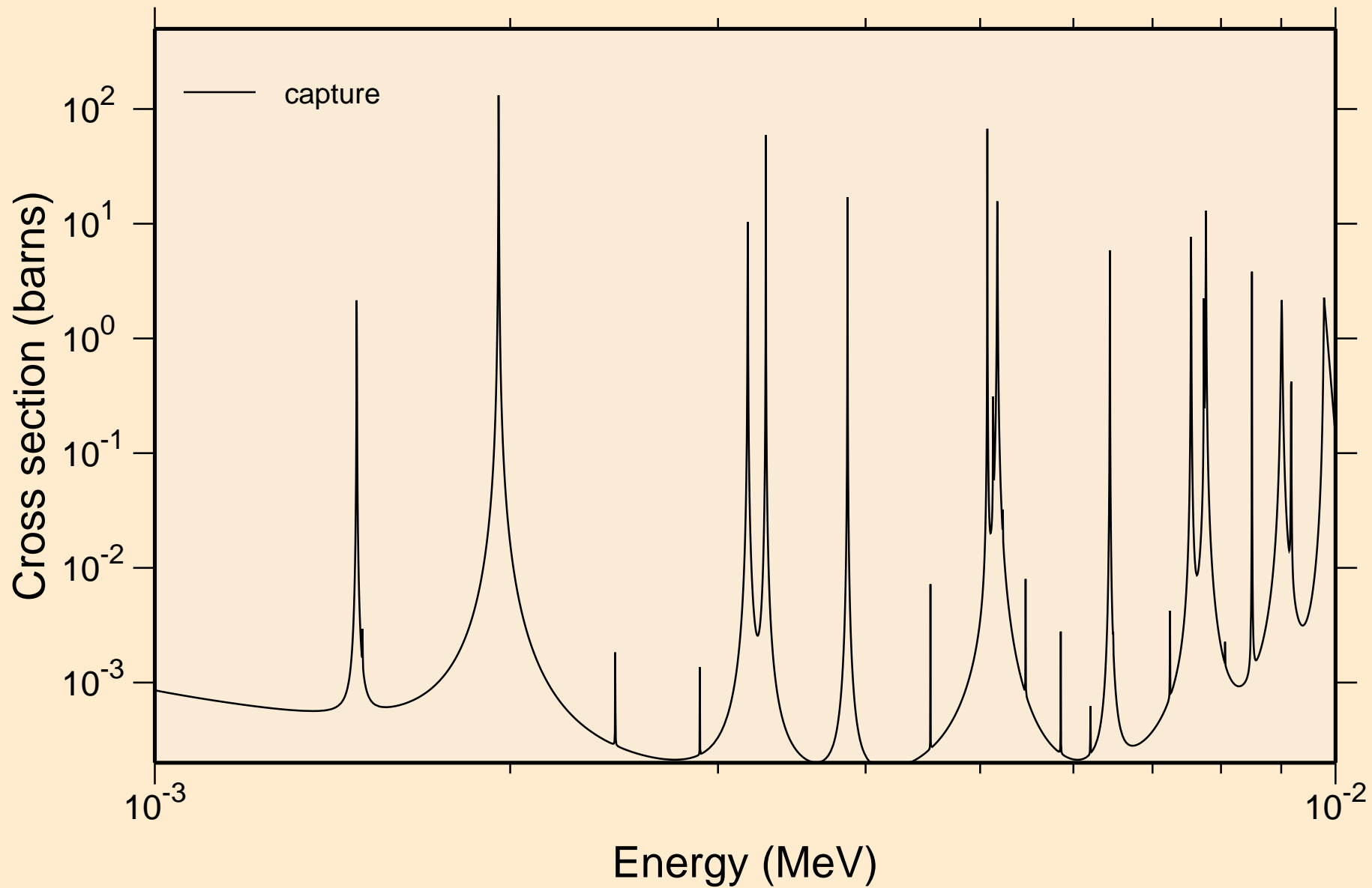
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



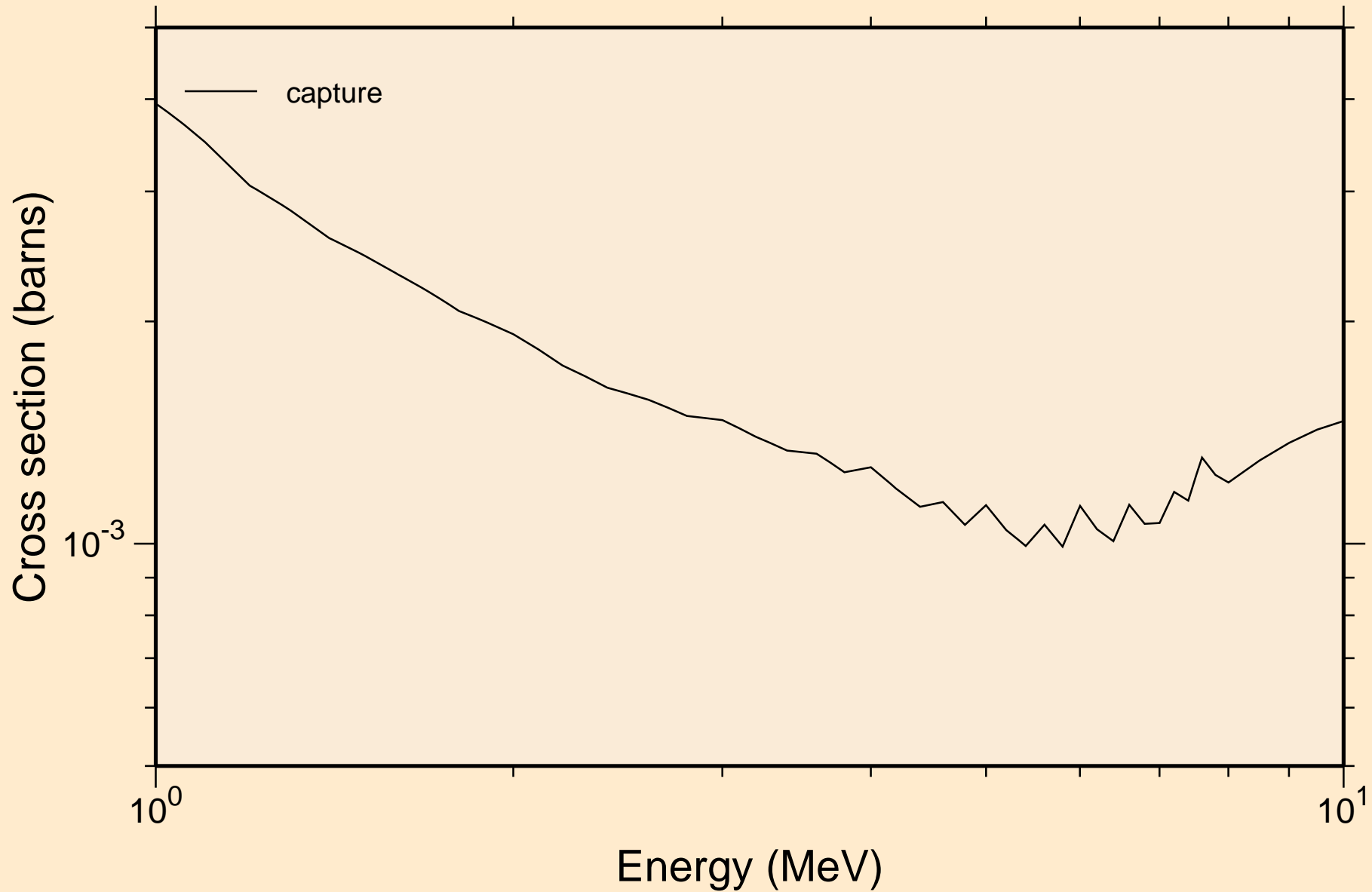
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



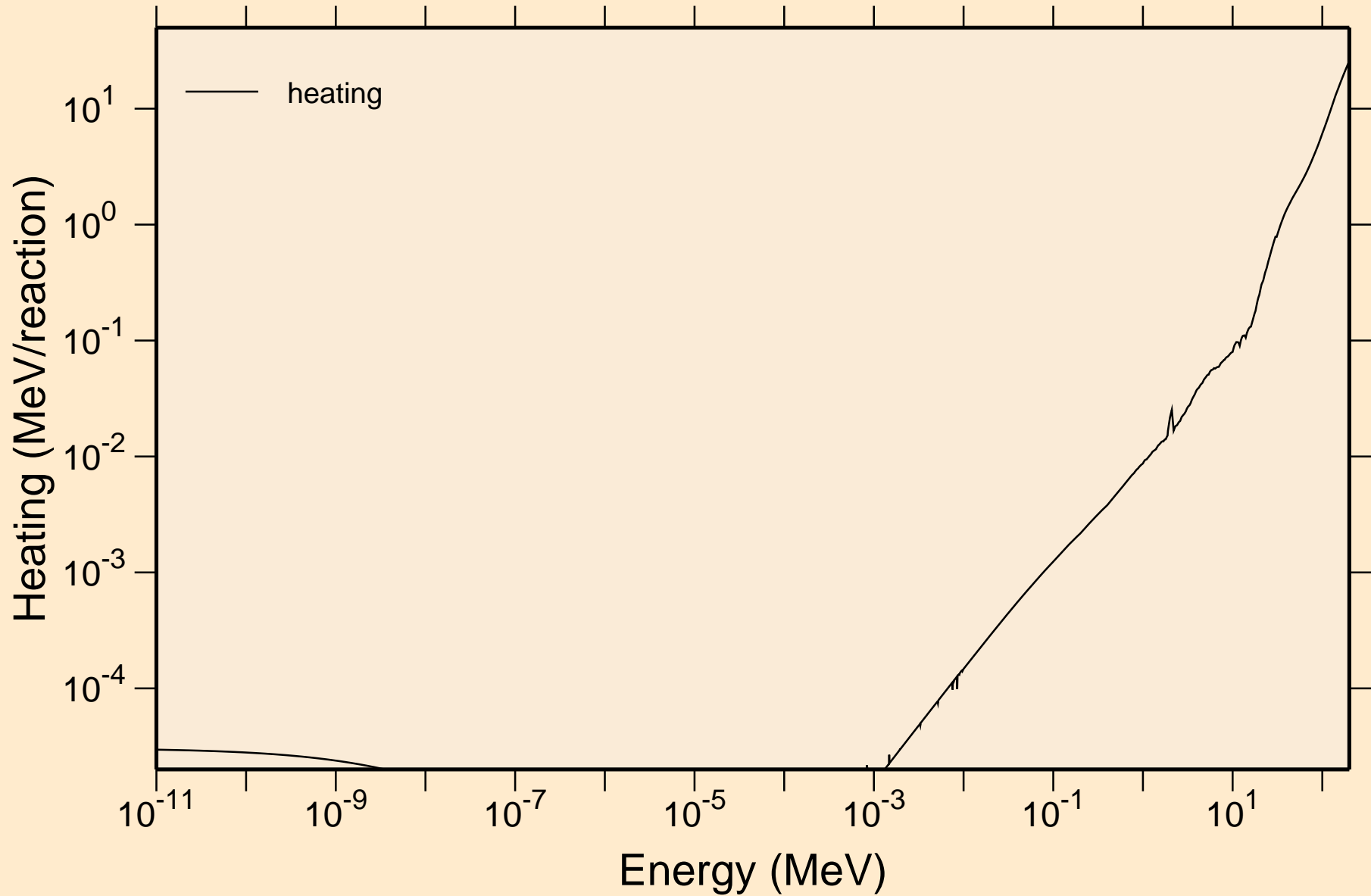
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



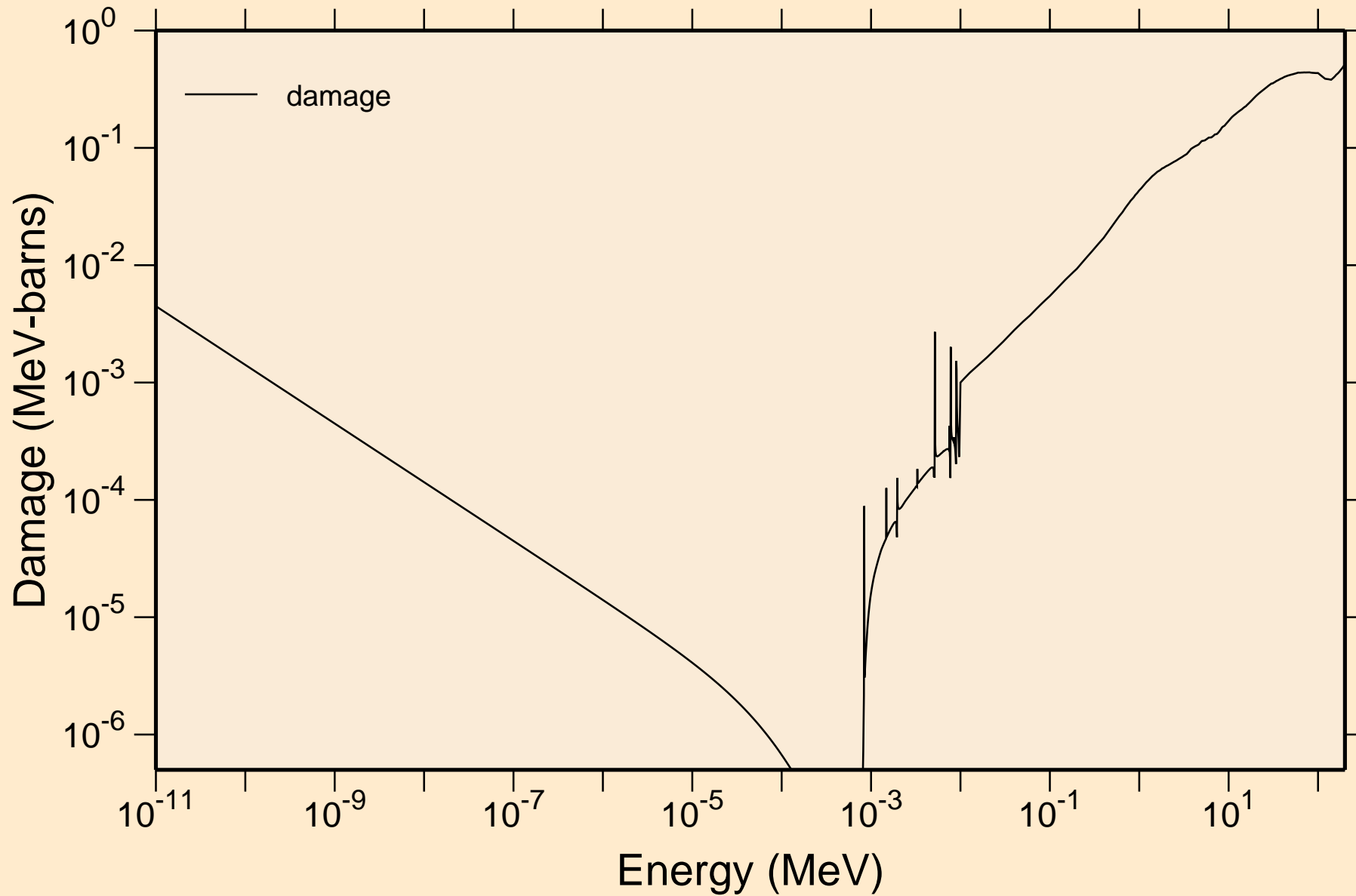
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



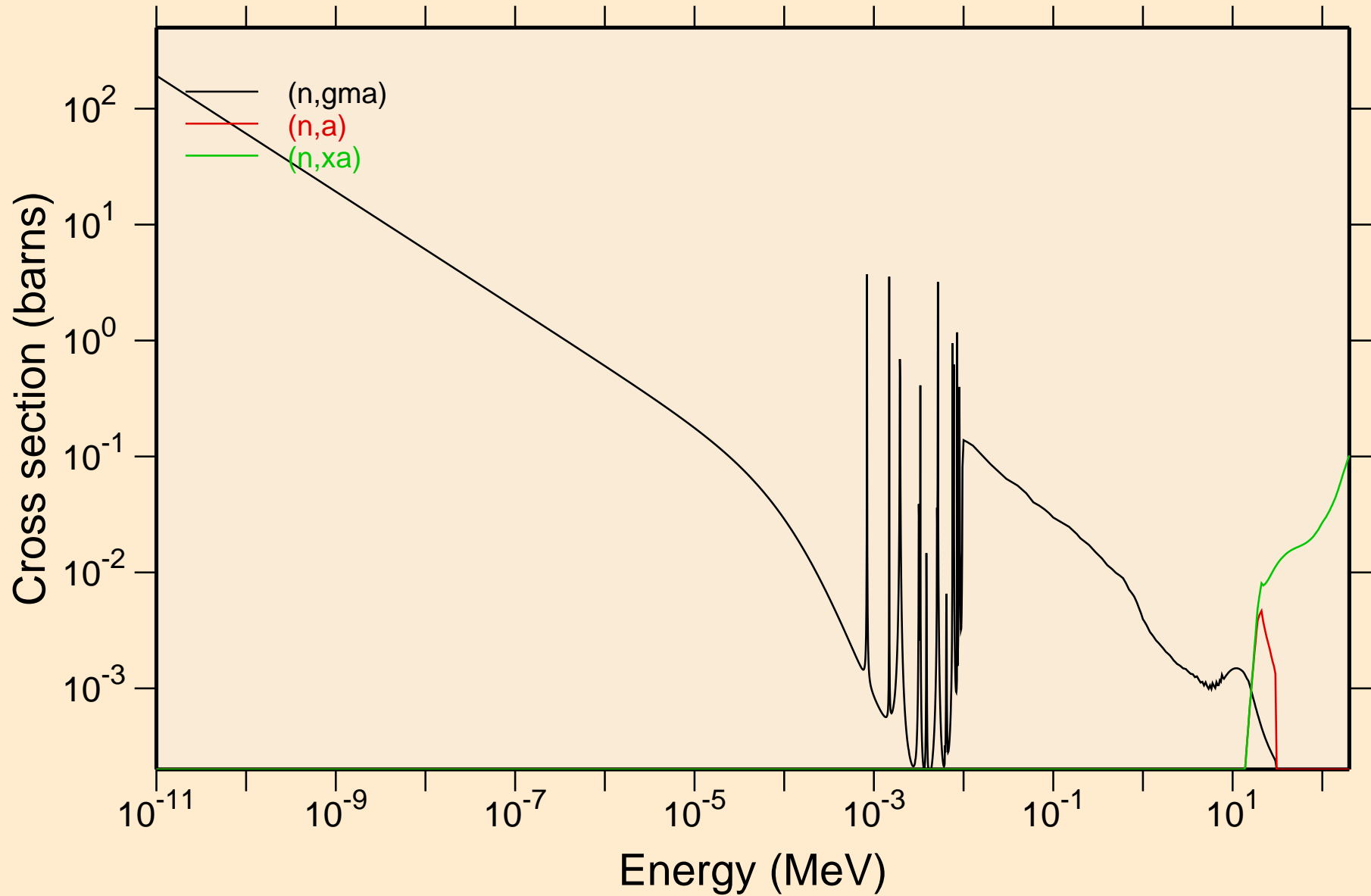


# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

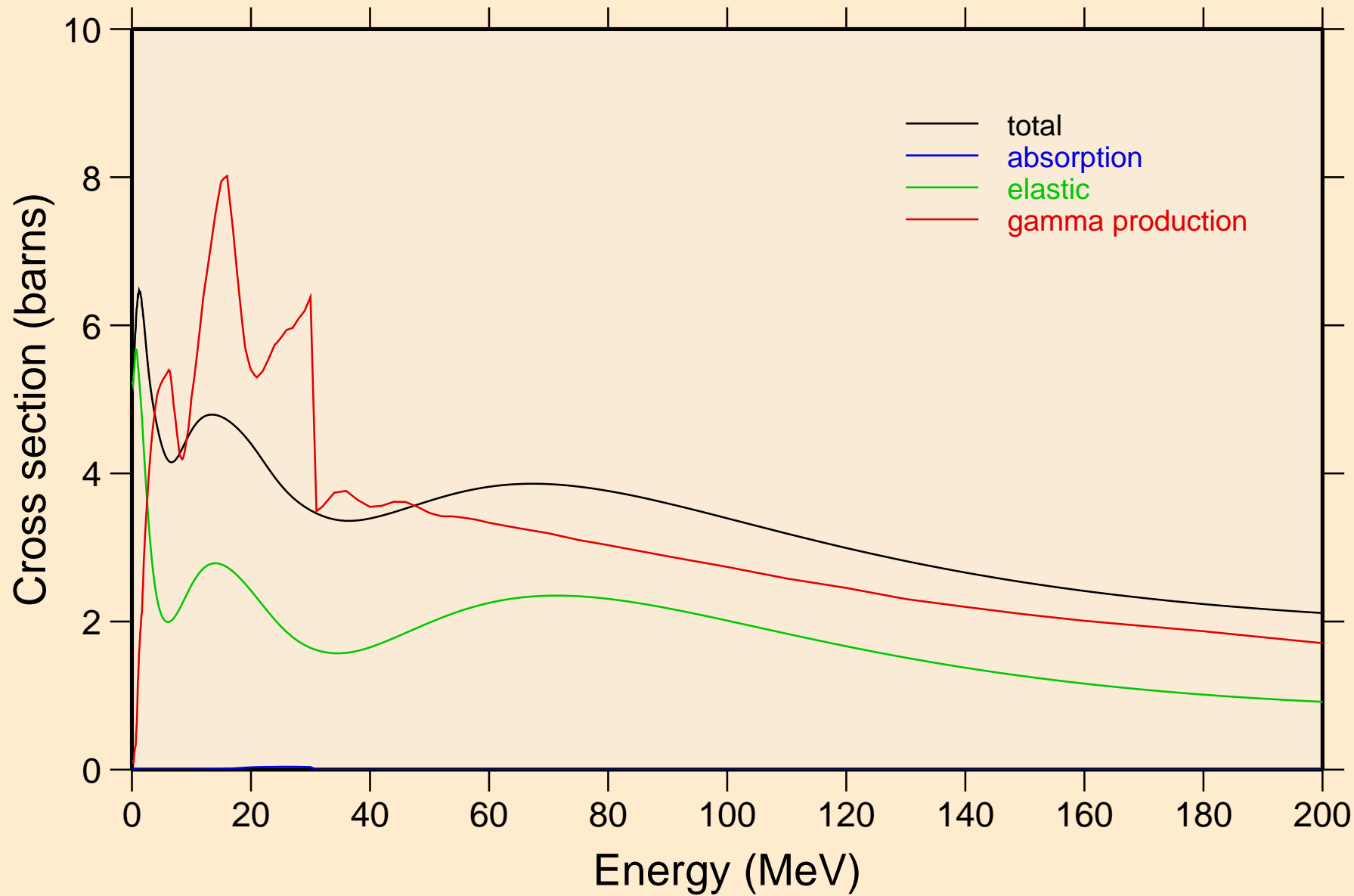
## Damage



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

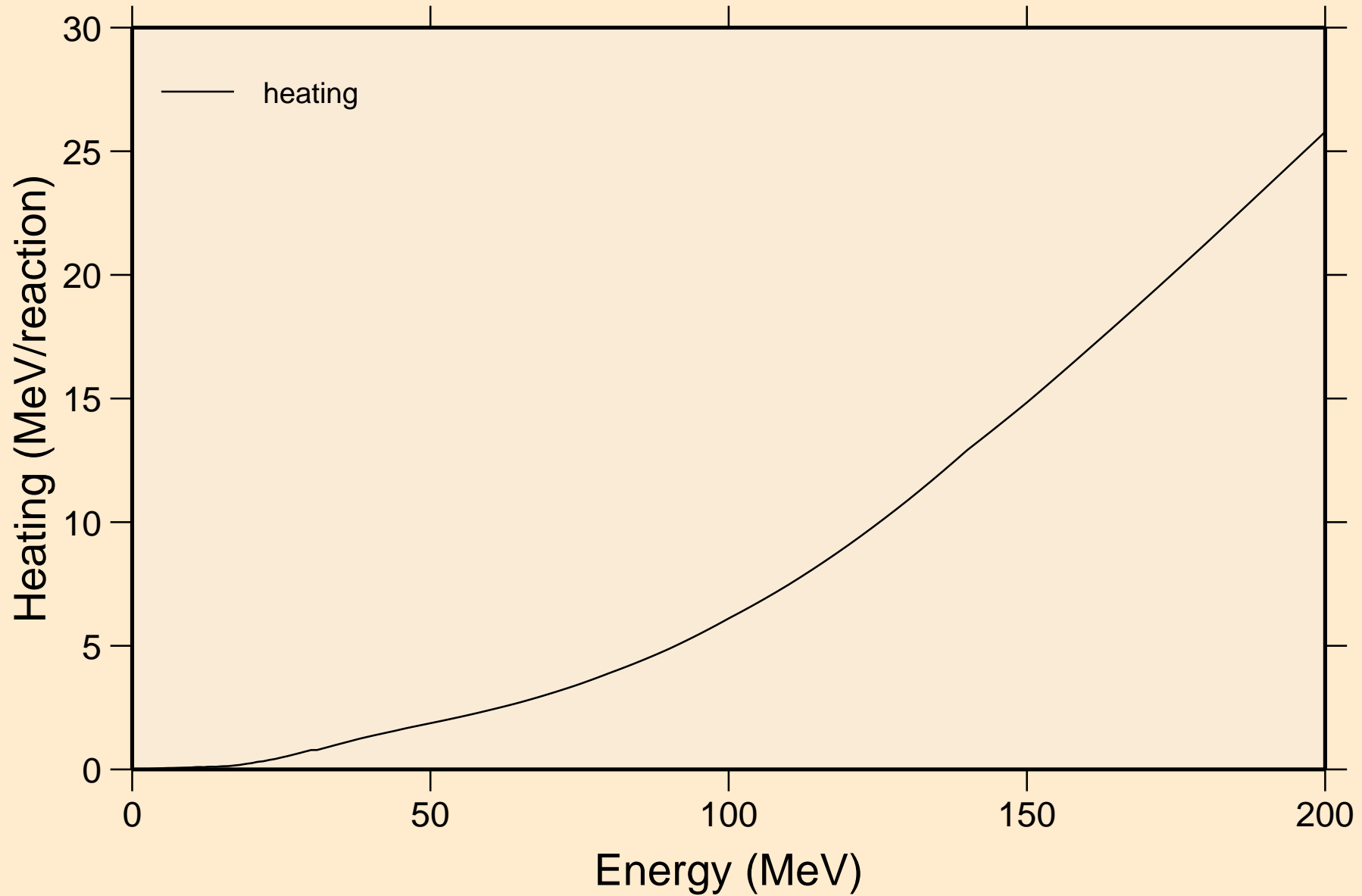


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

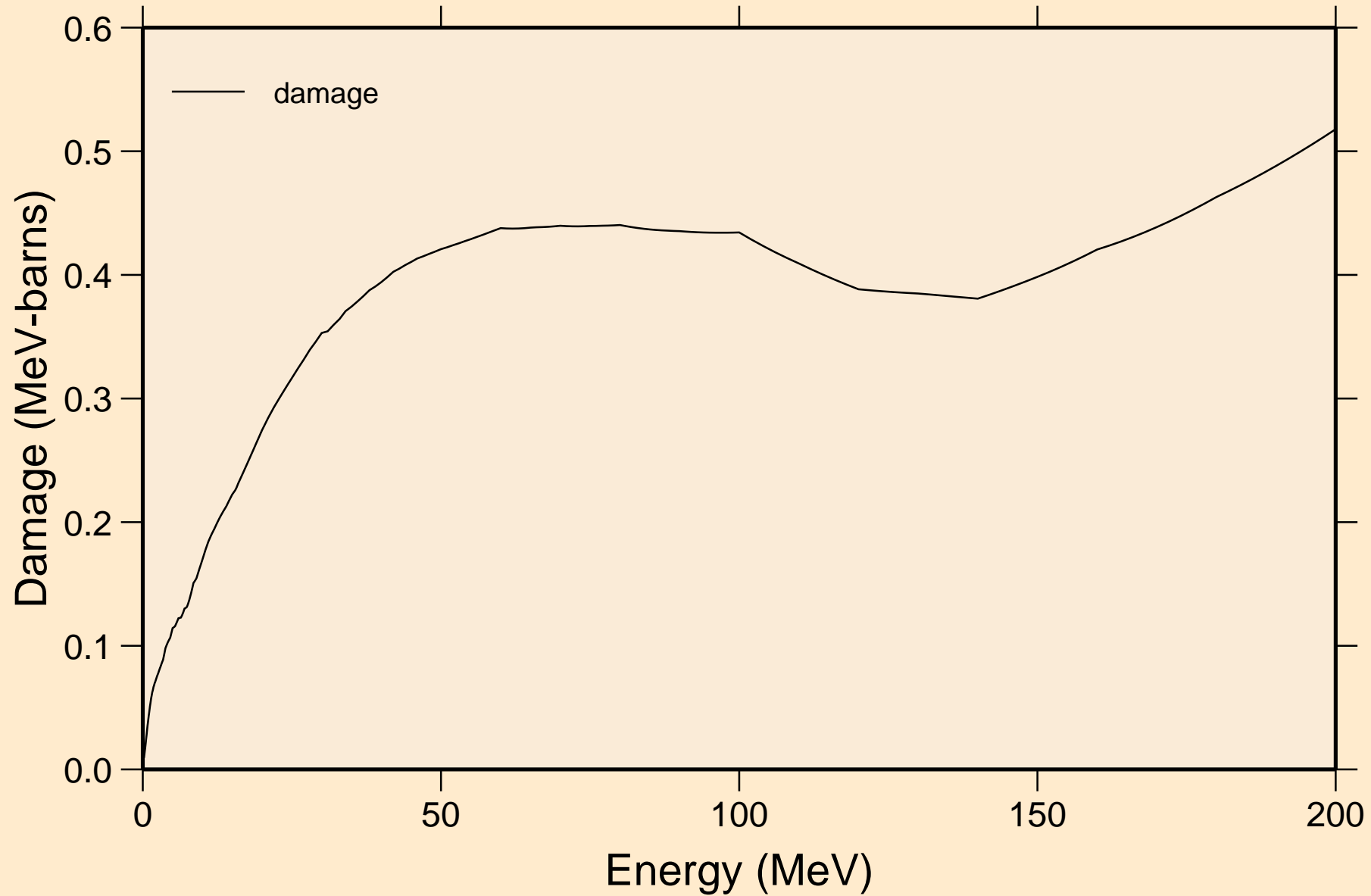


# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

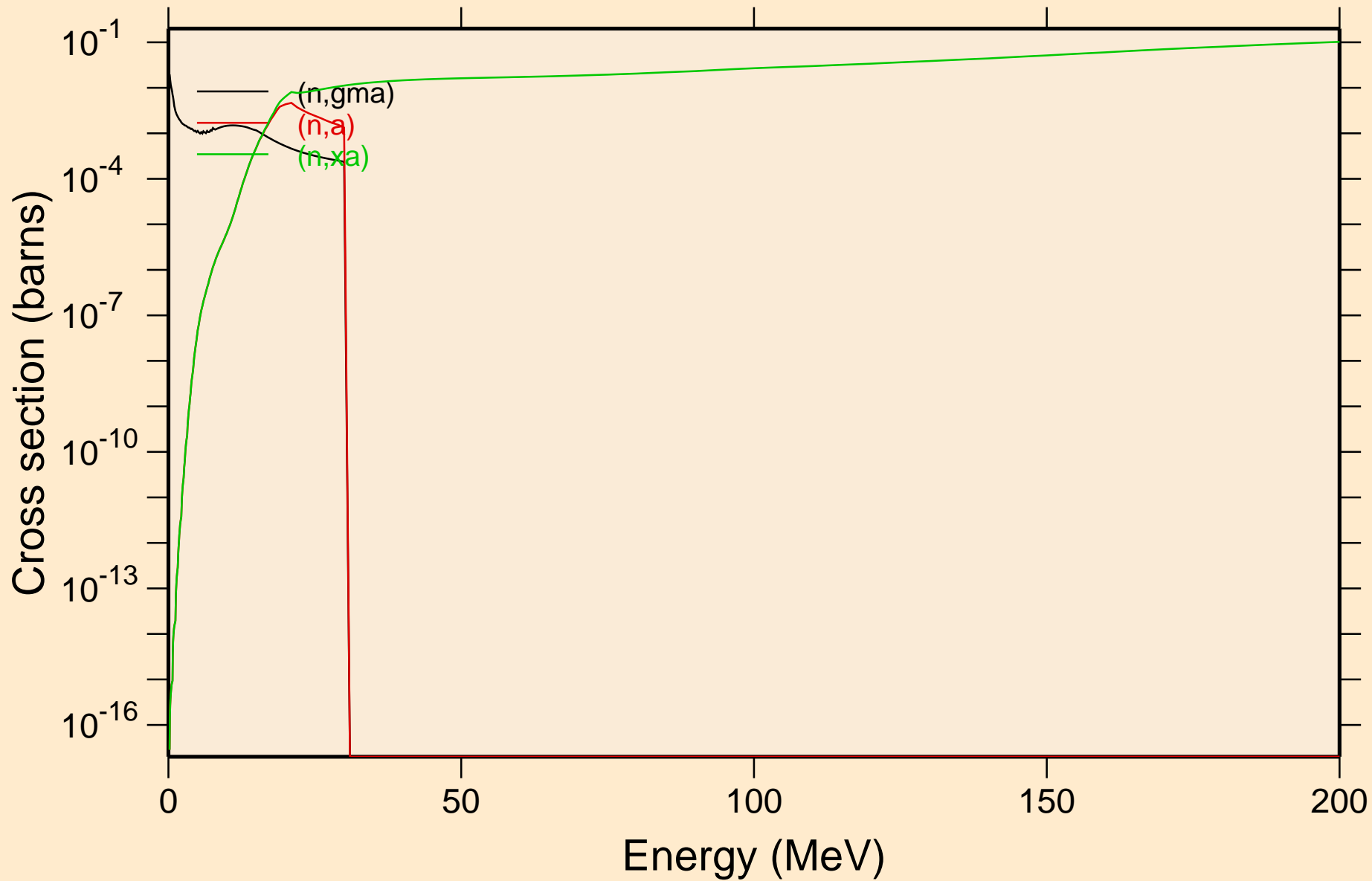
## Heating



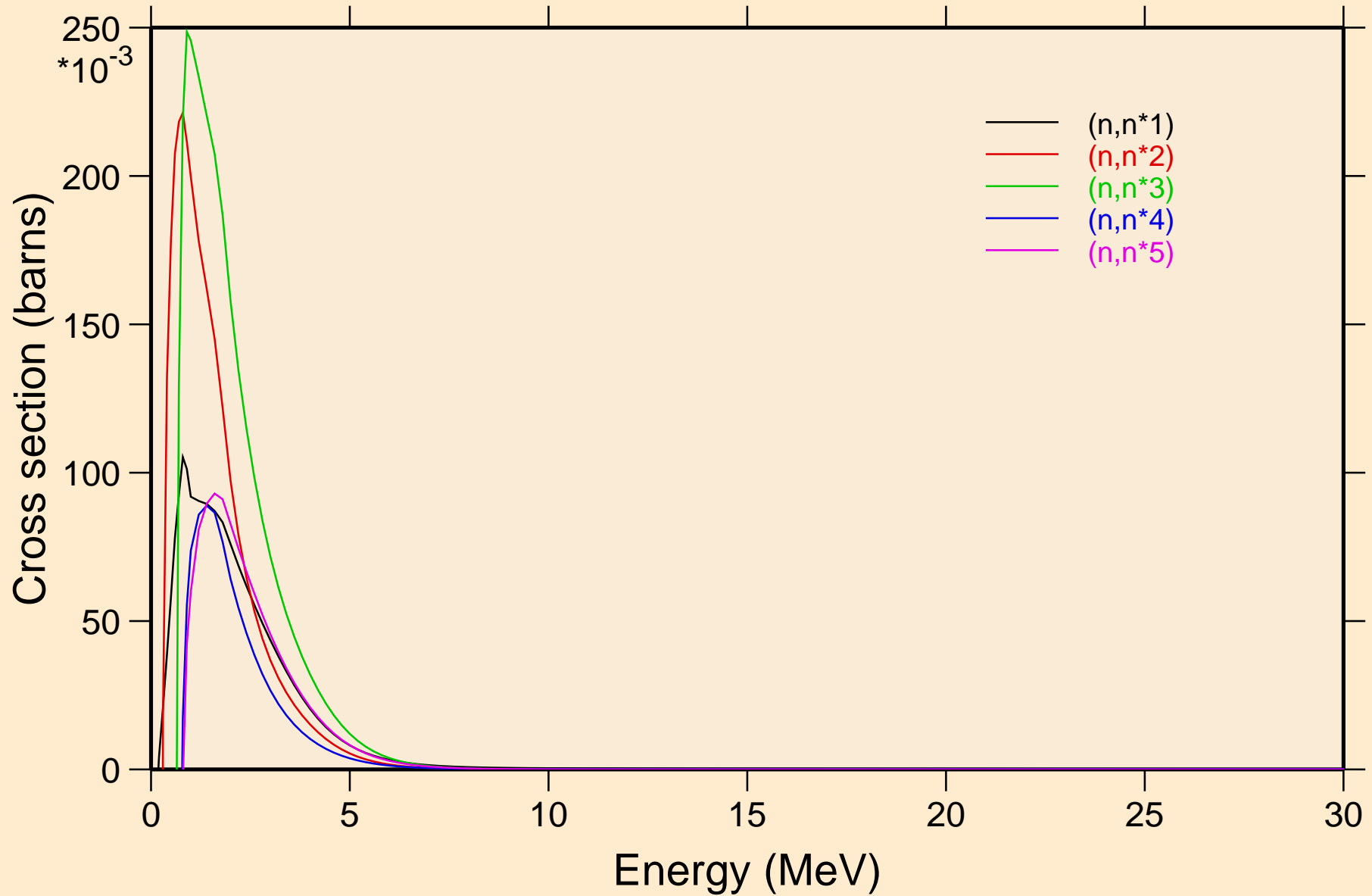
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



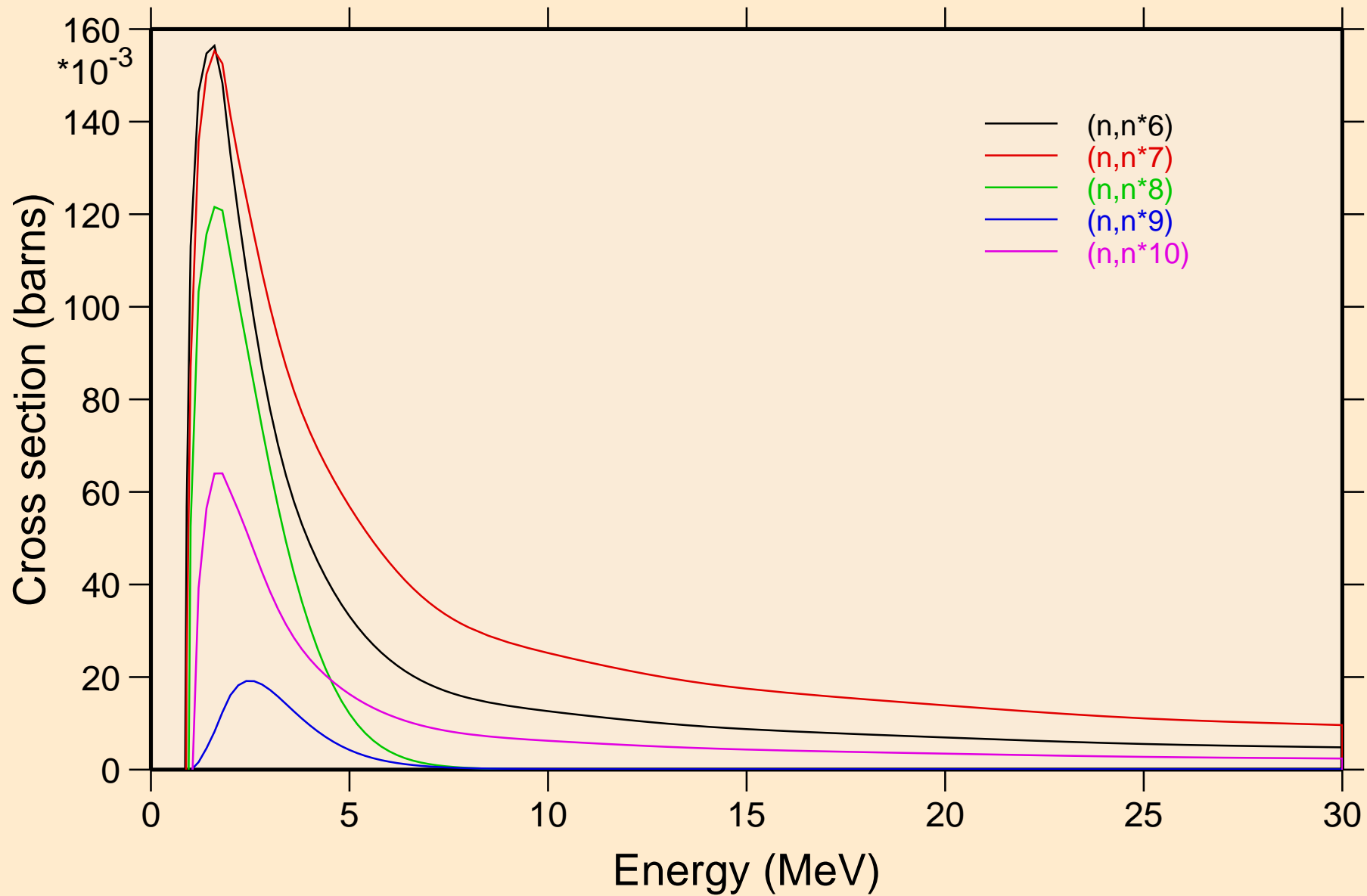
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

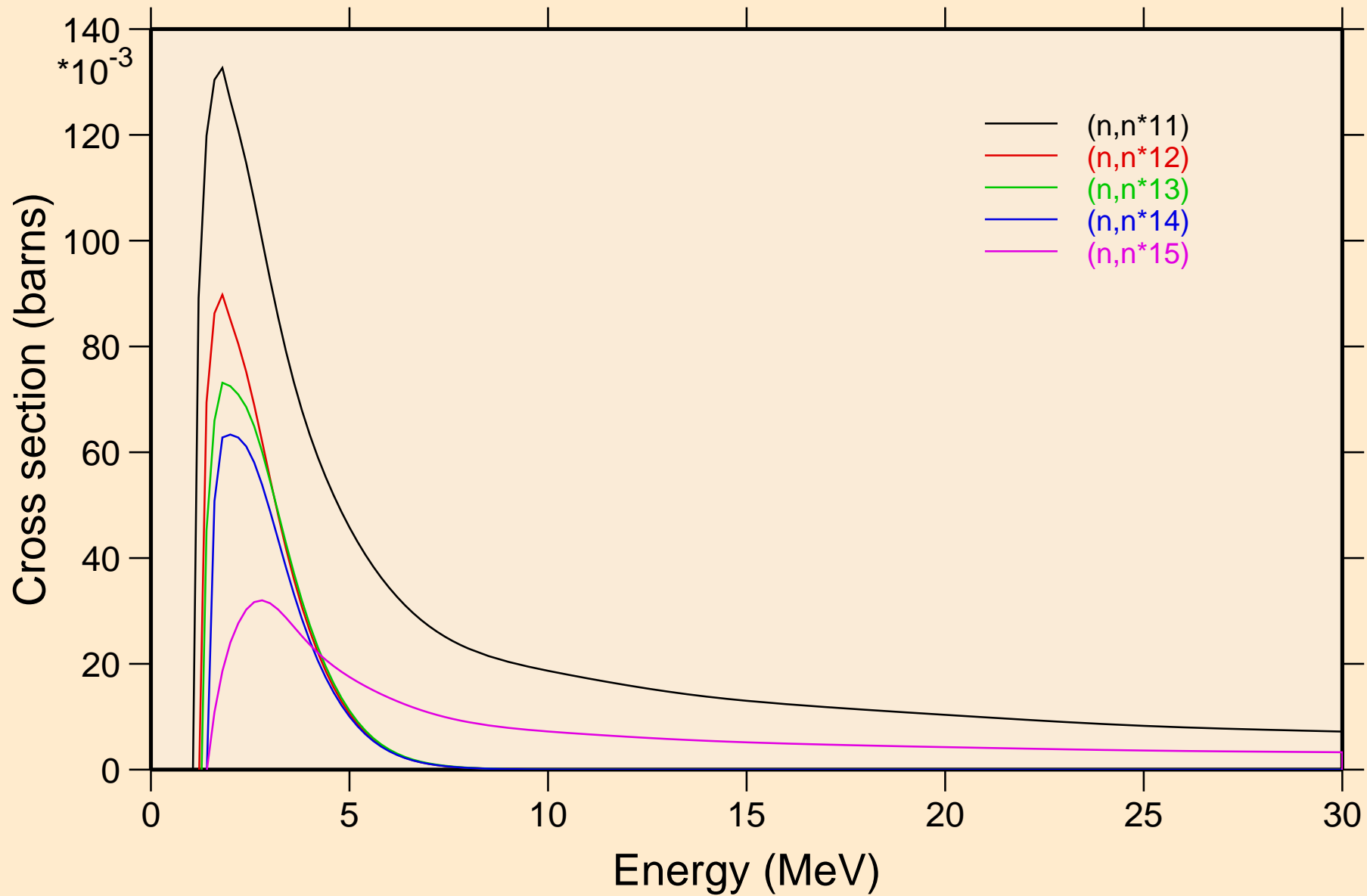


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

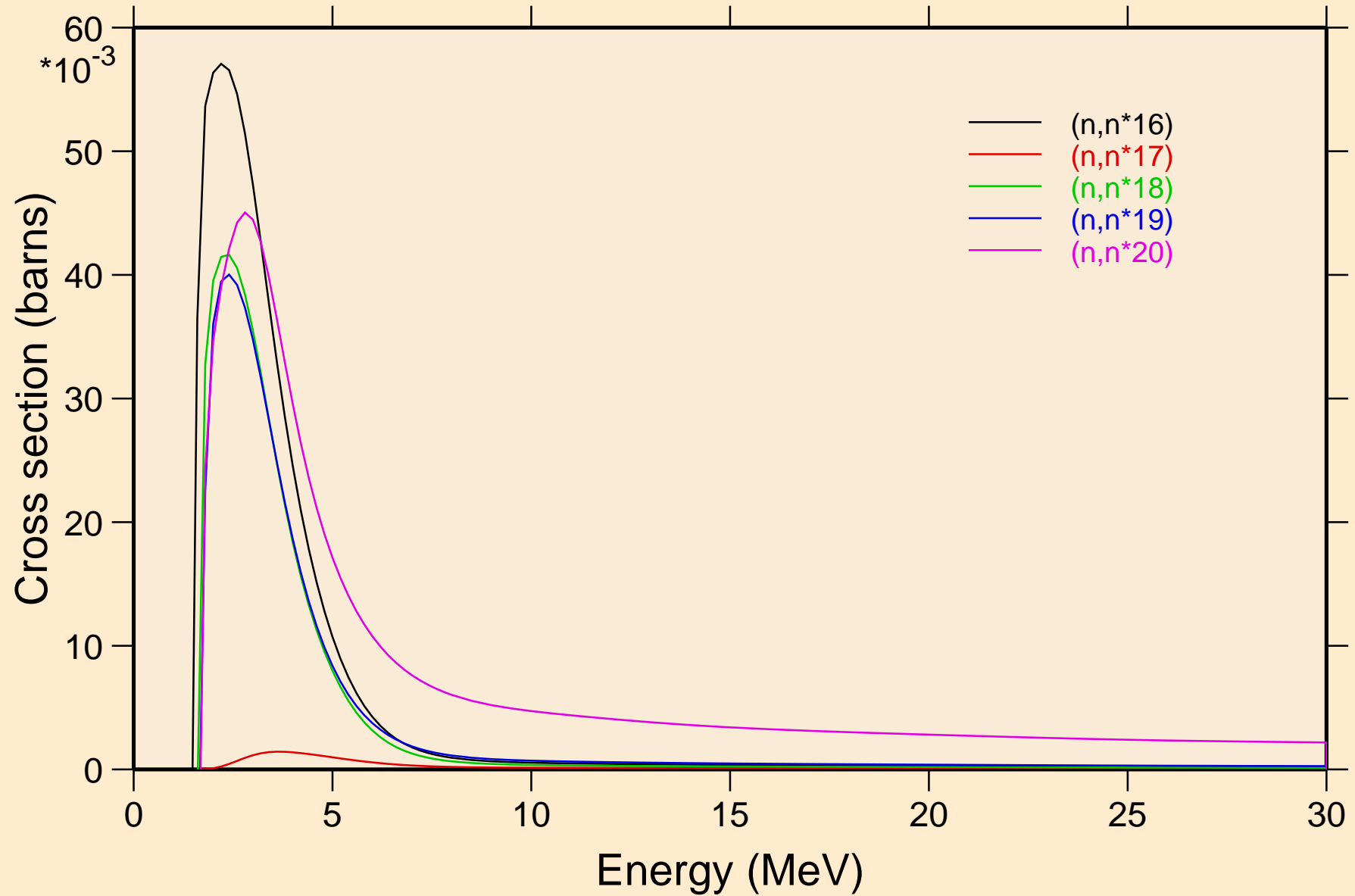




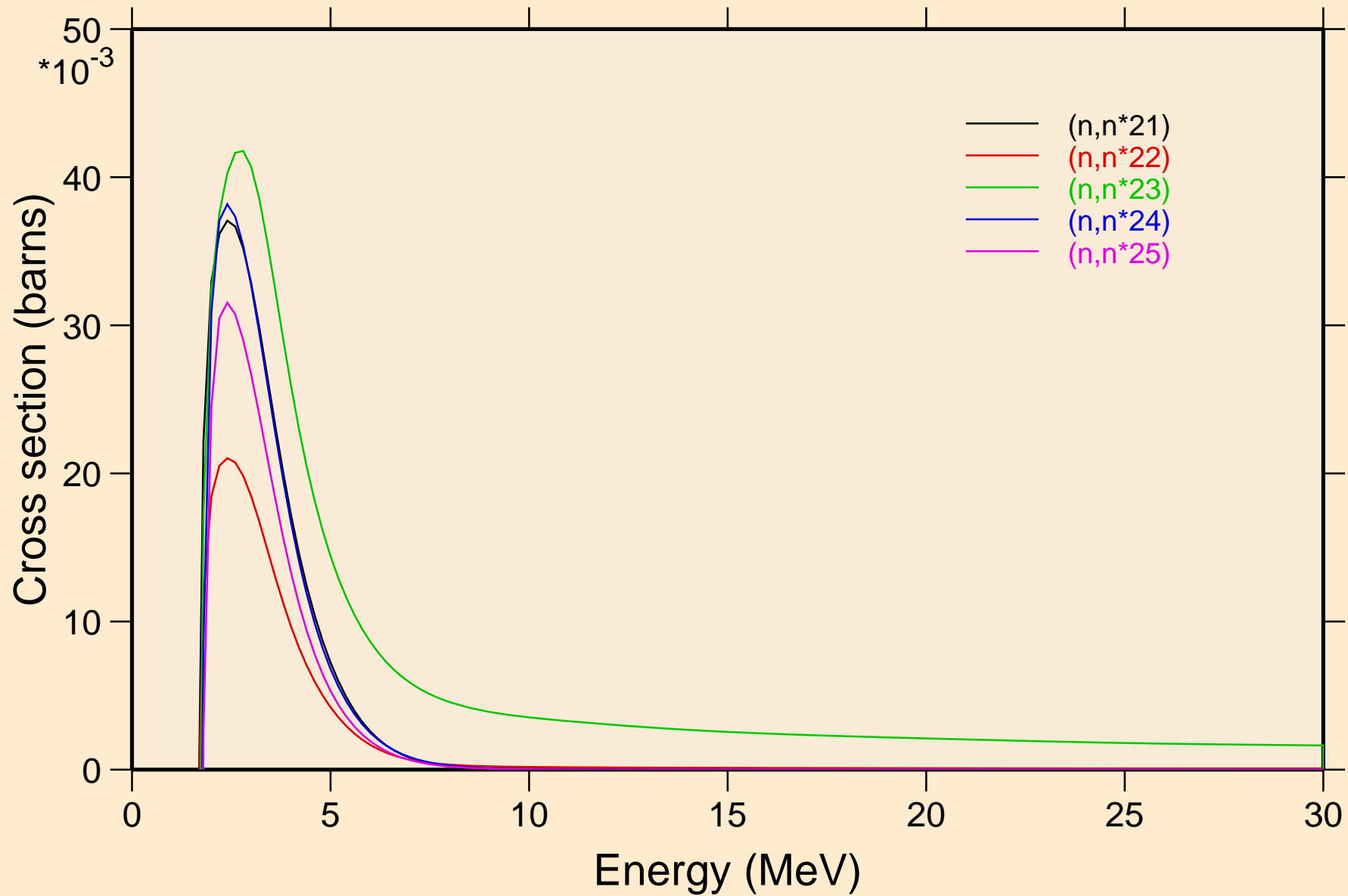
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



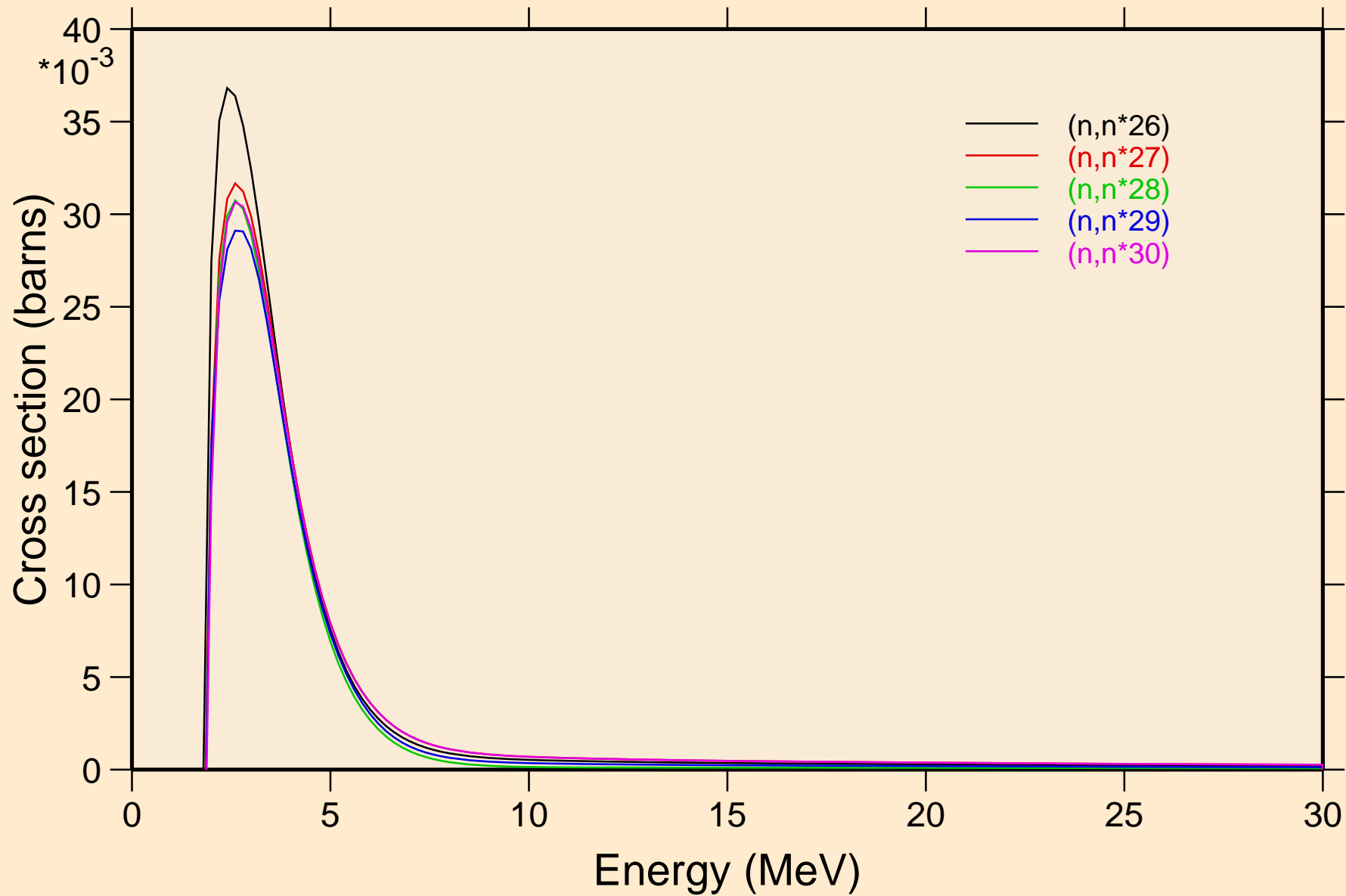
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



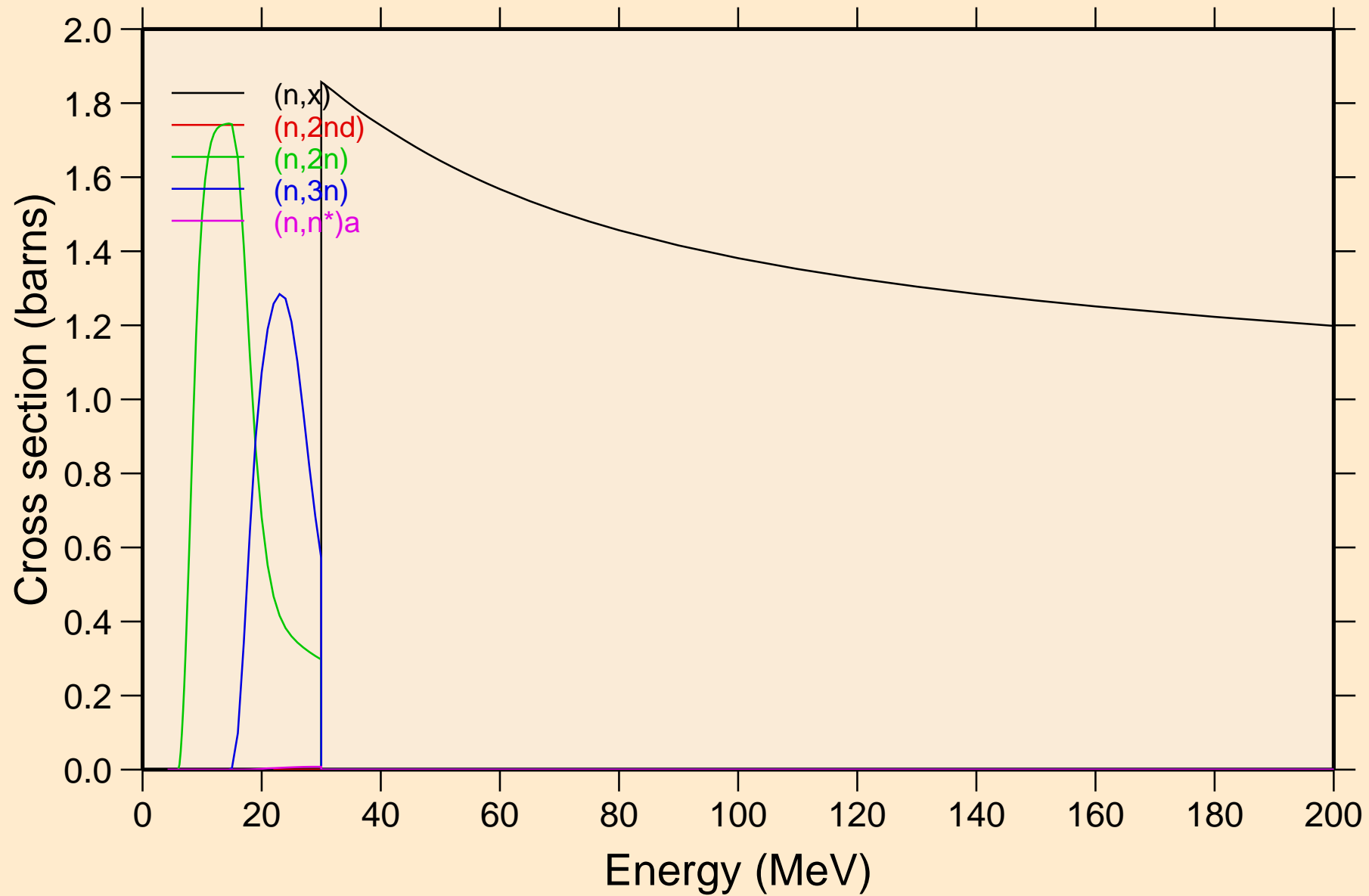
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

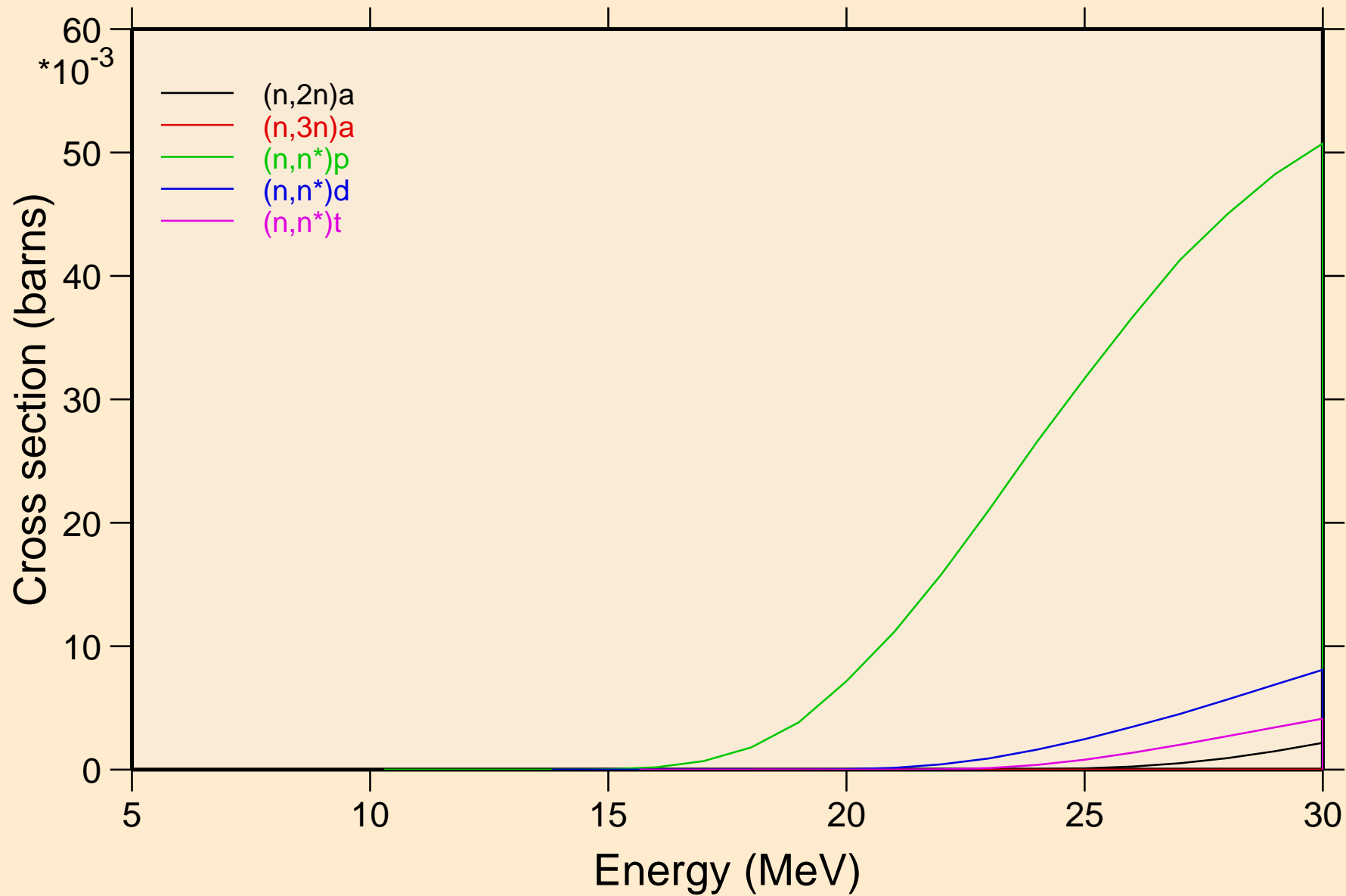


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

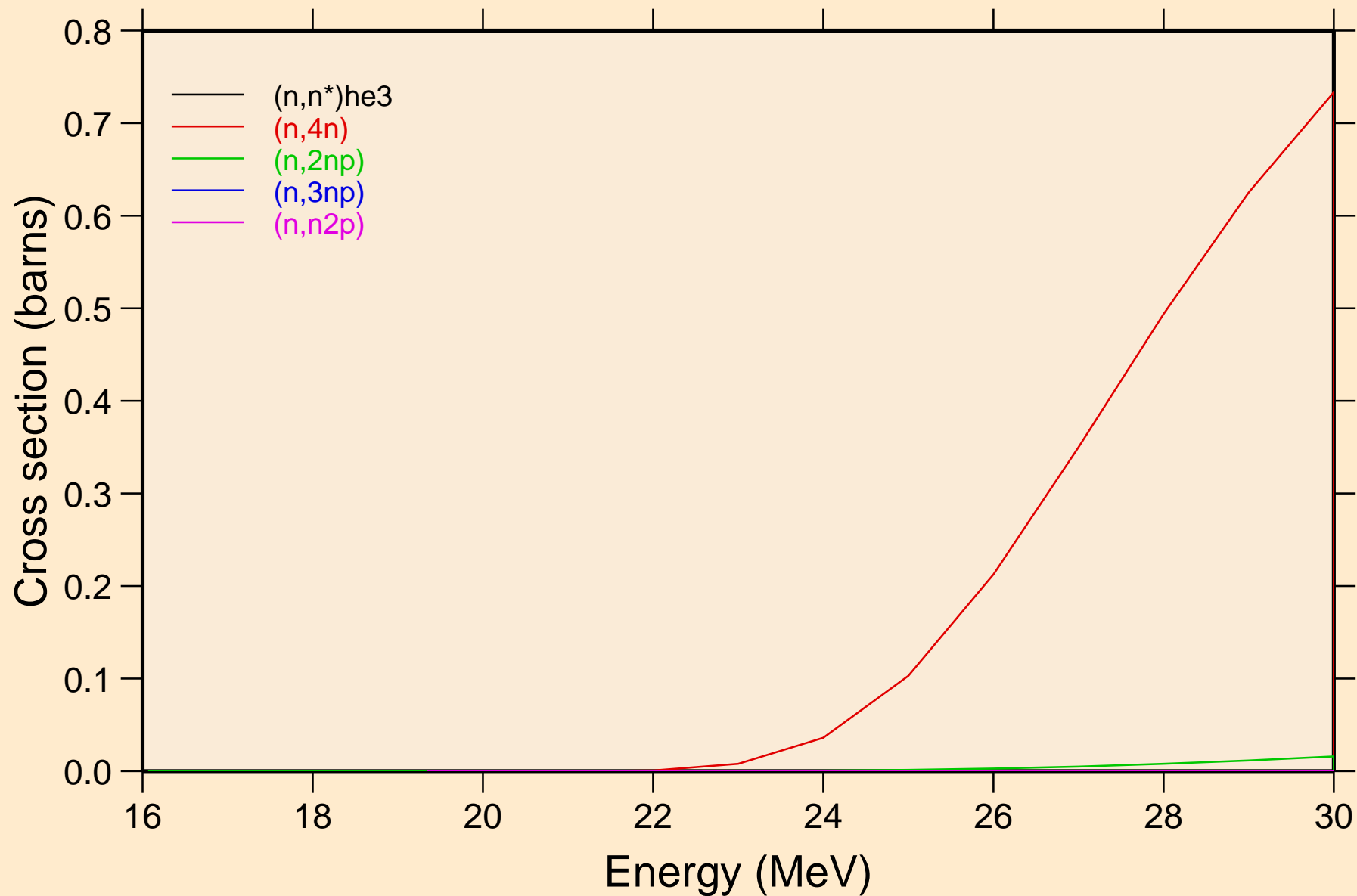


# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

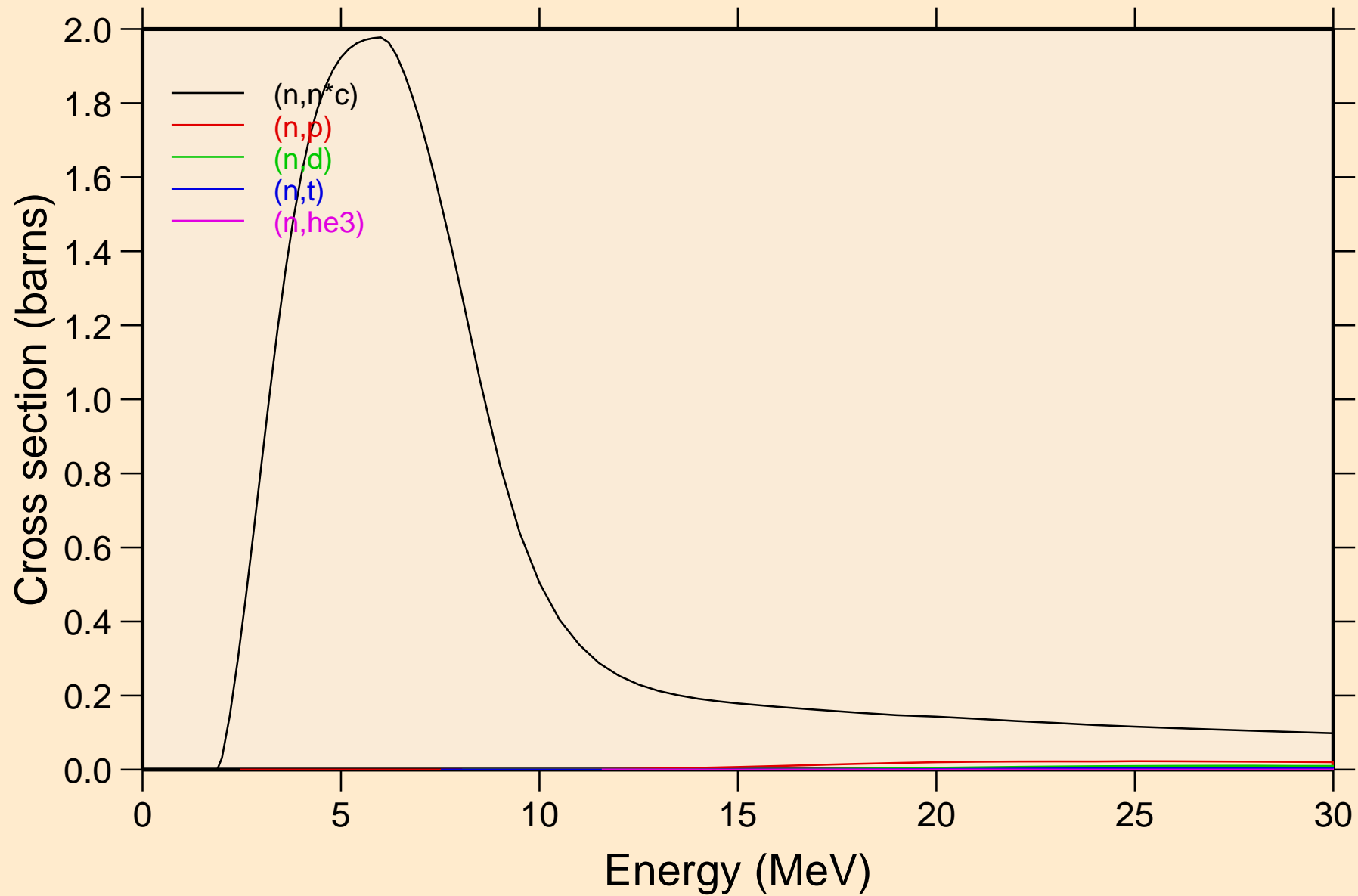
## Threshold reactions



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

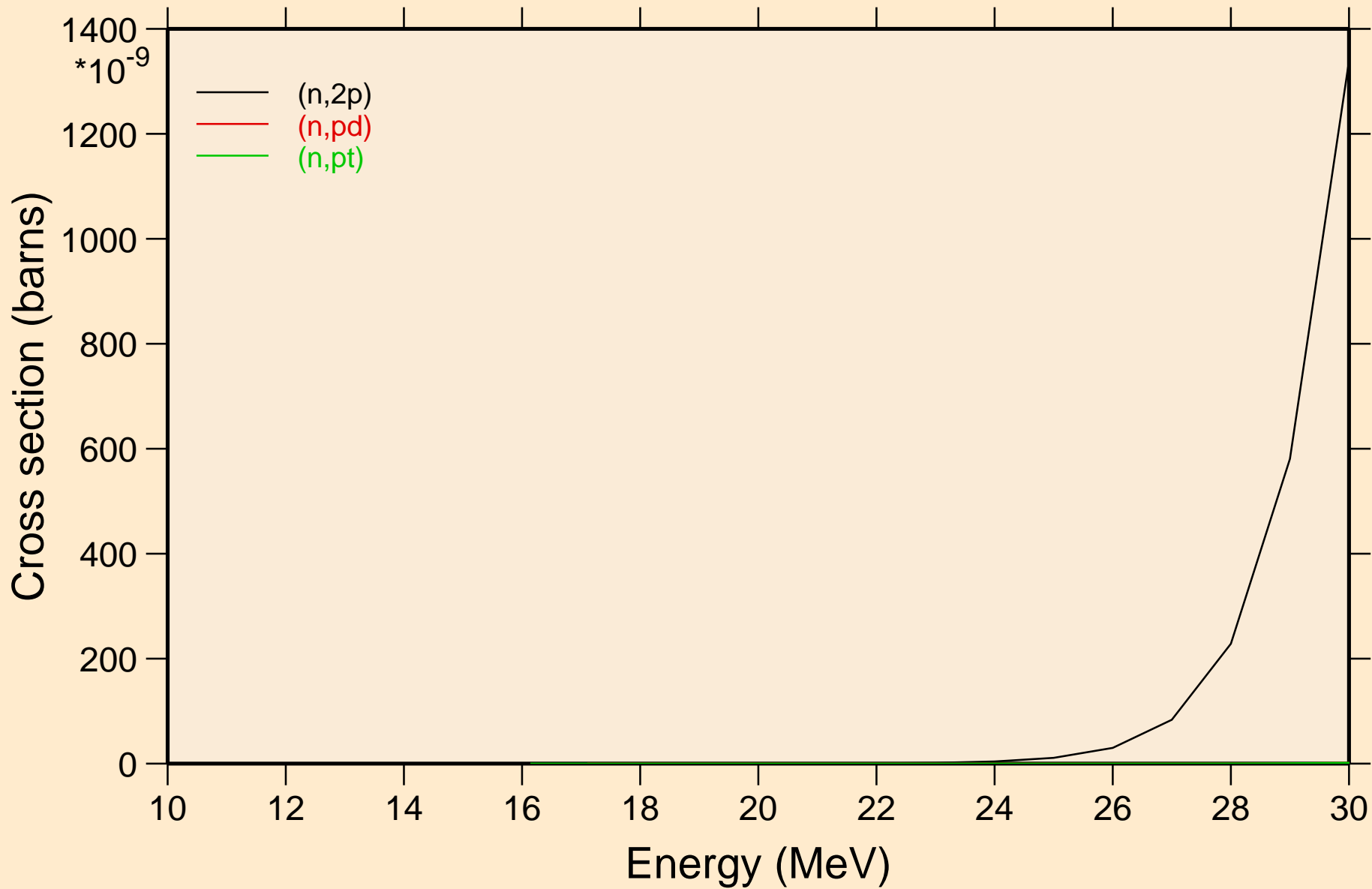


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



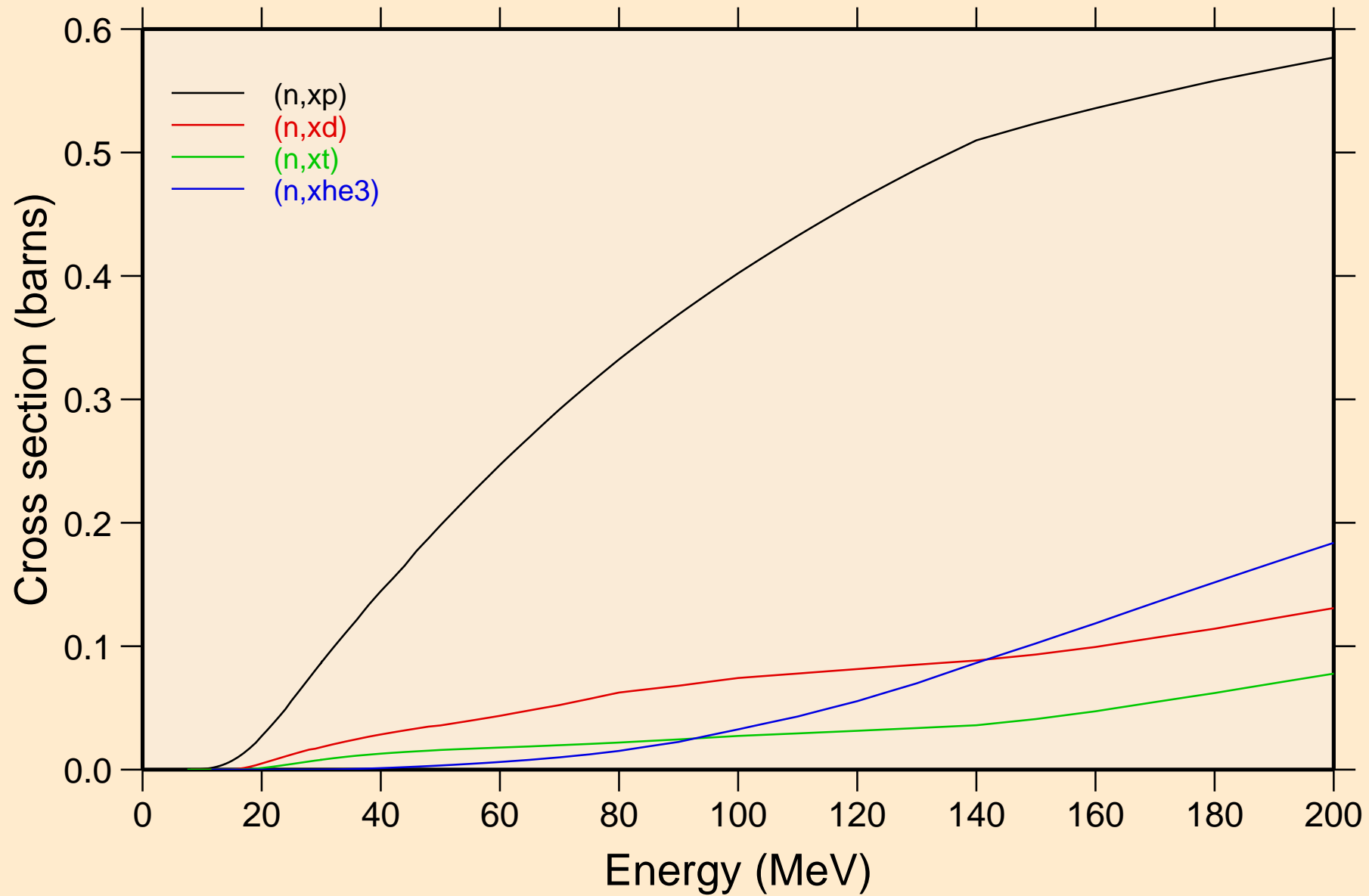


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

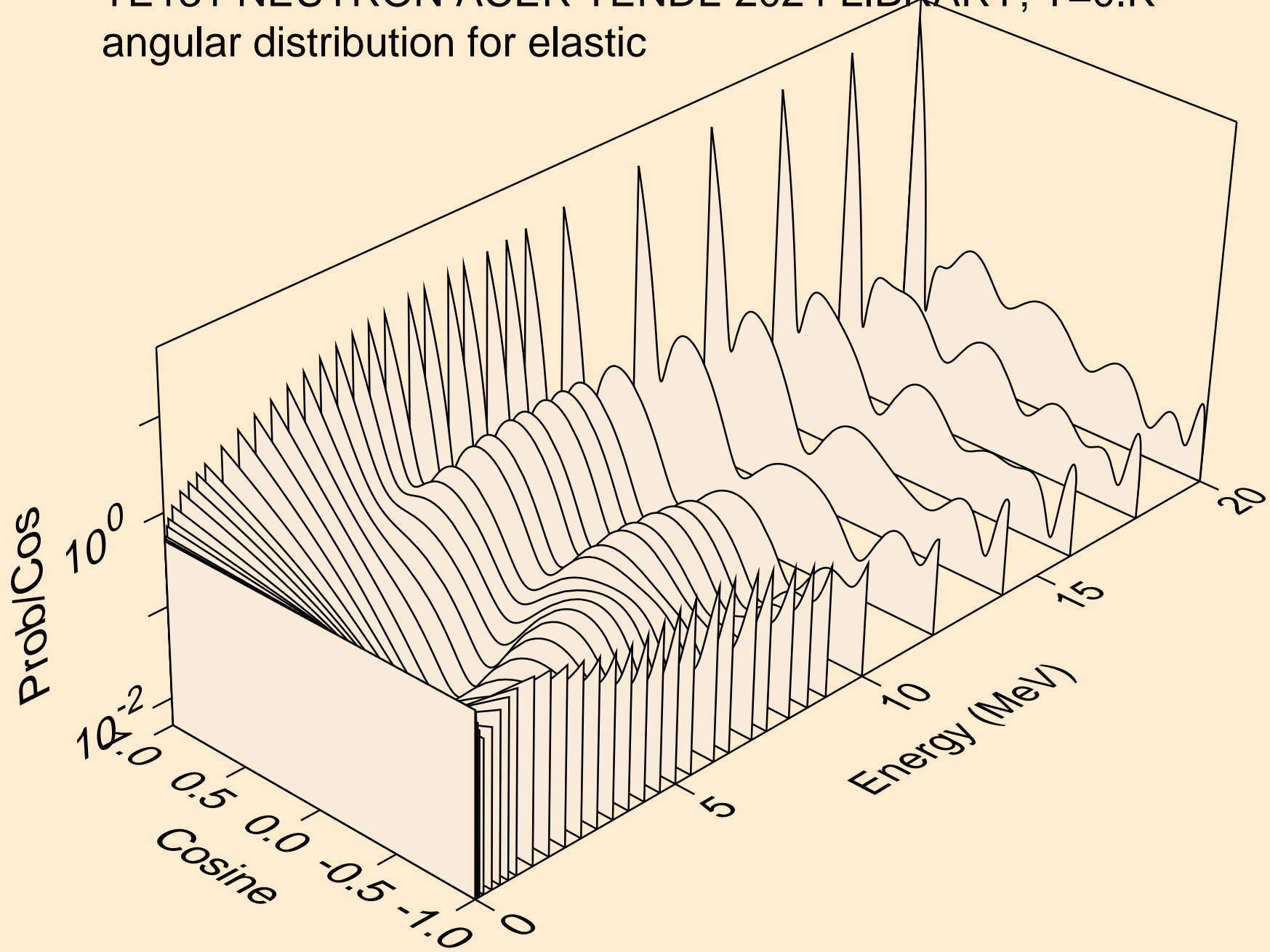


# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

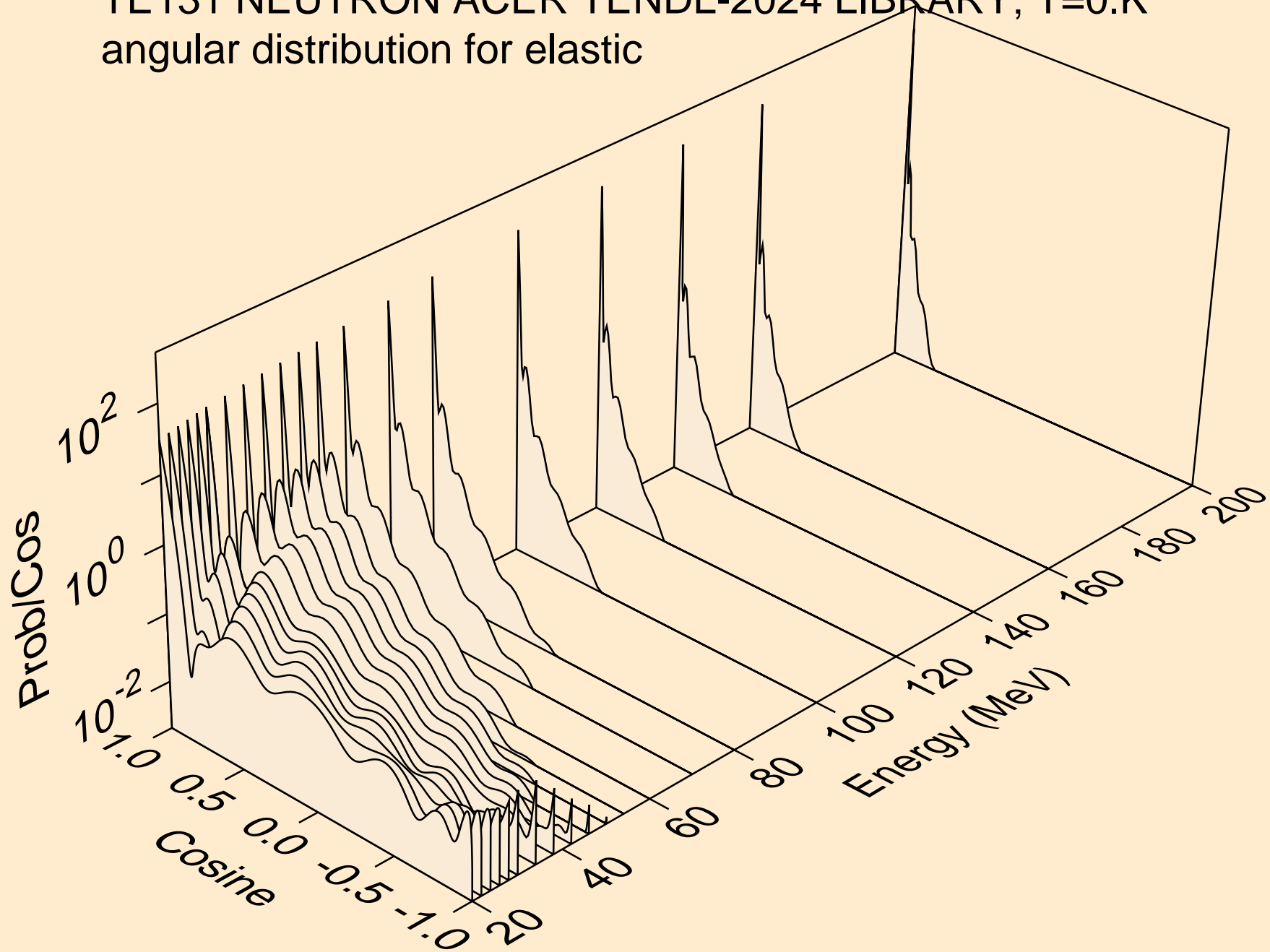
## Threshold reactions



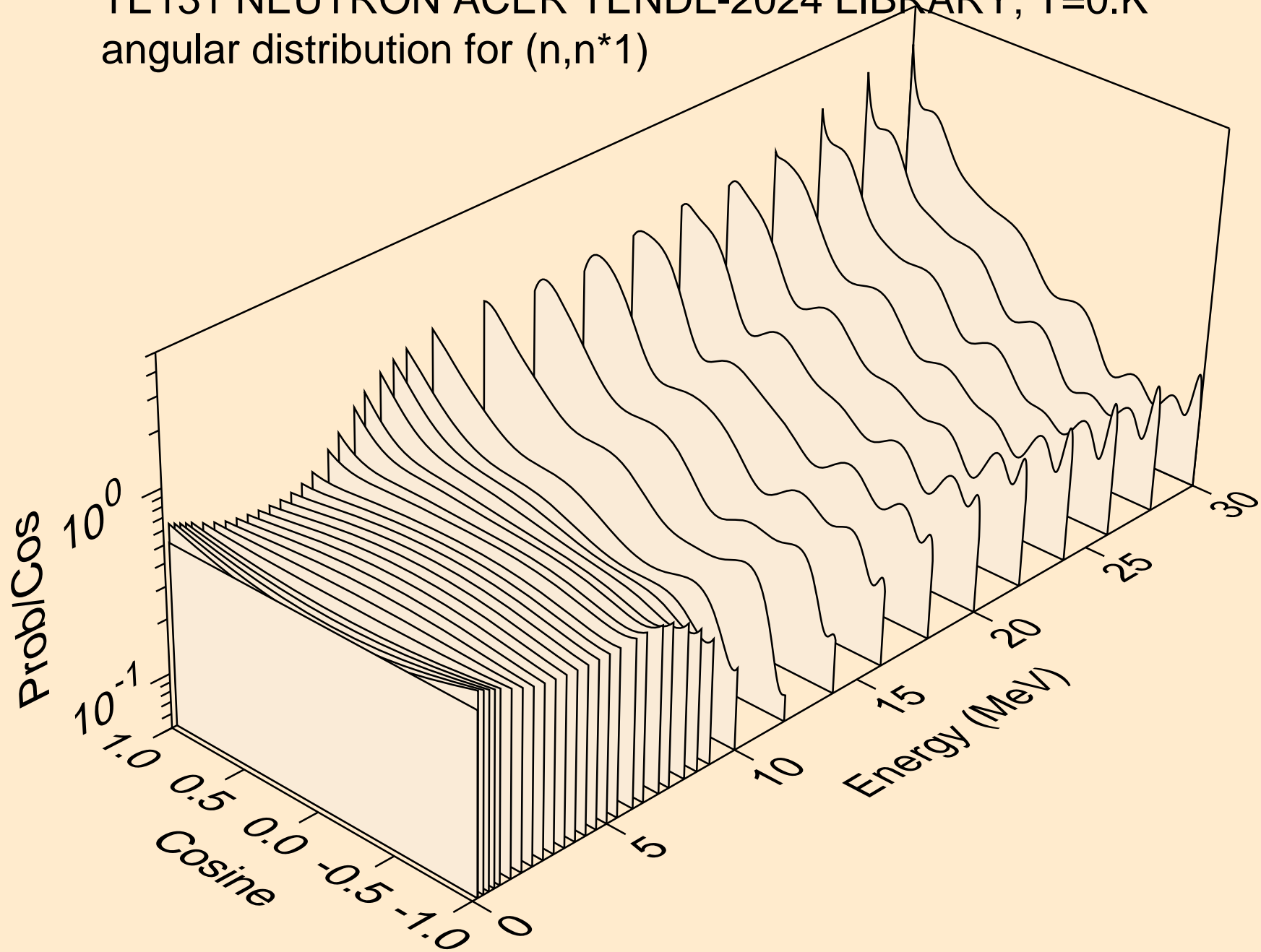
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



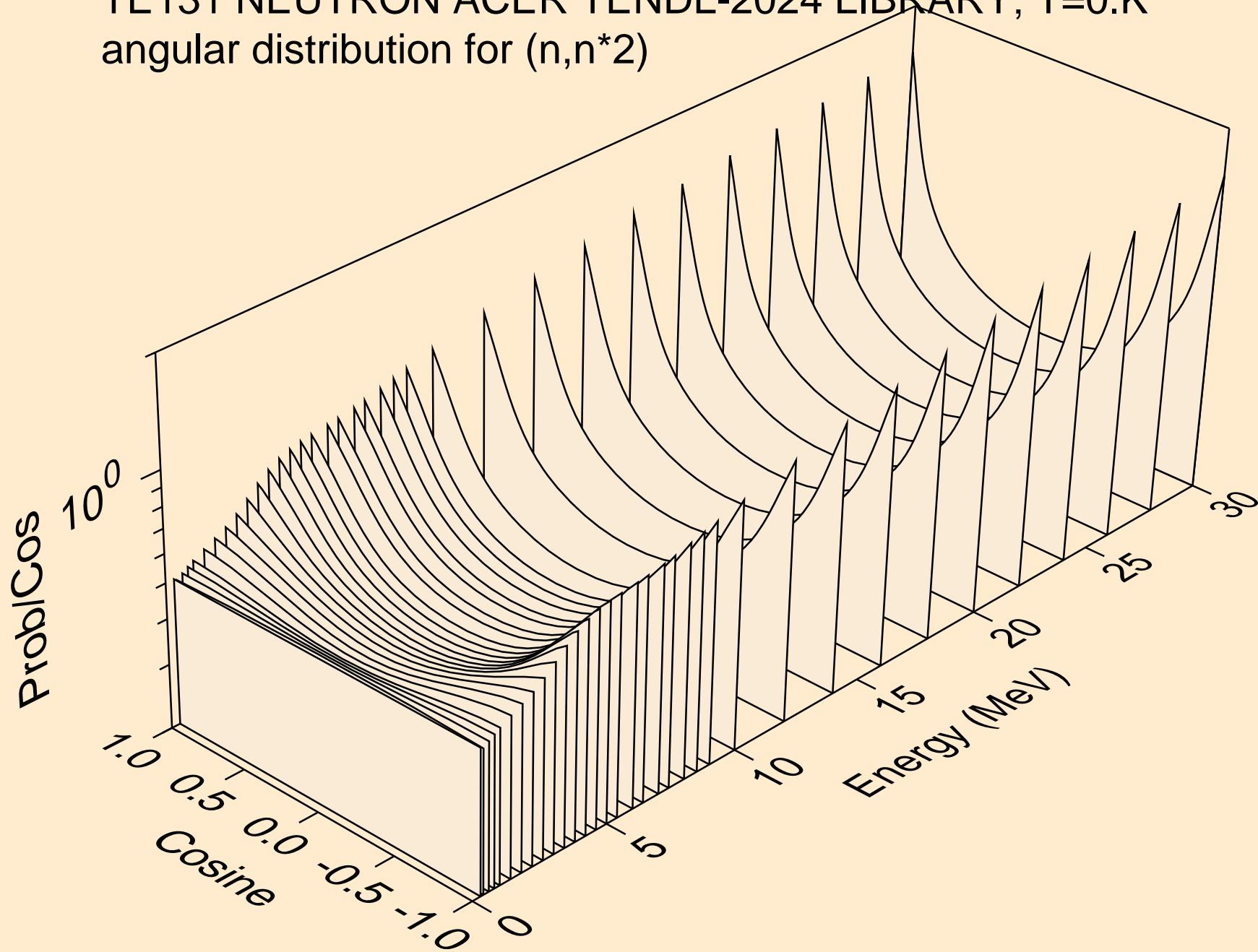
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



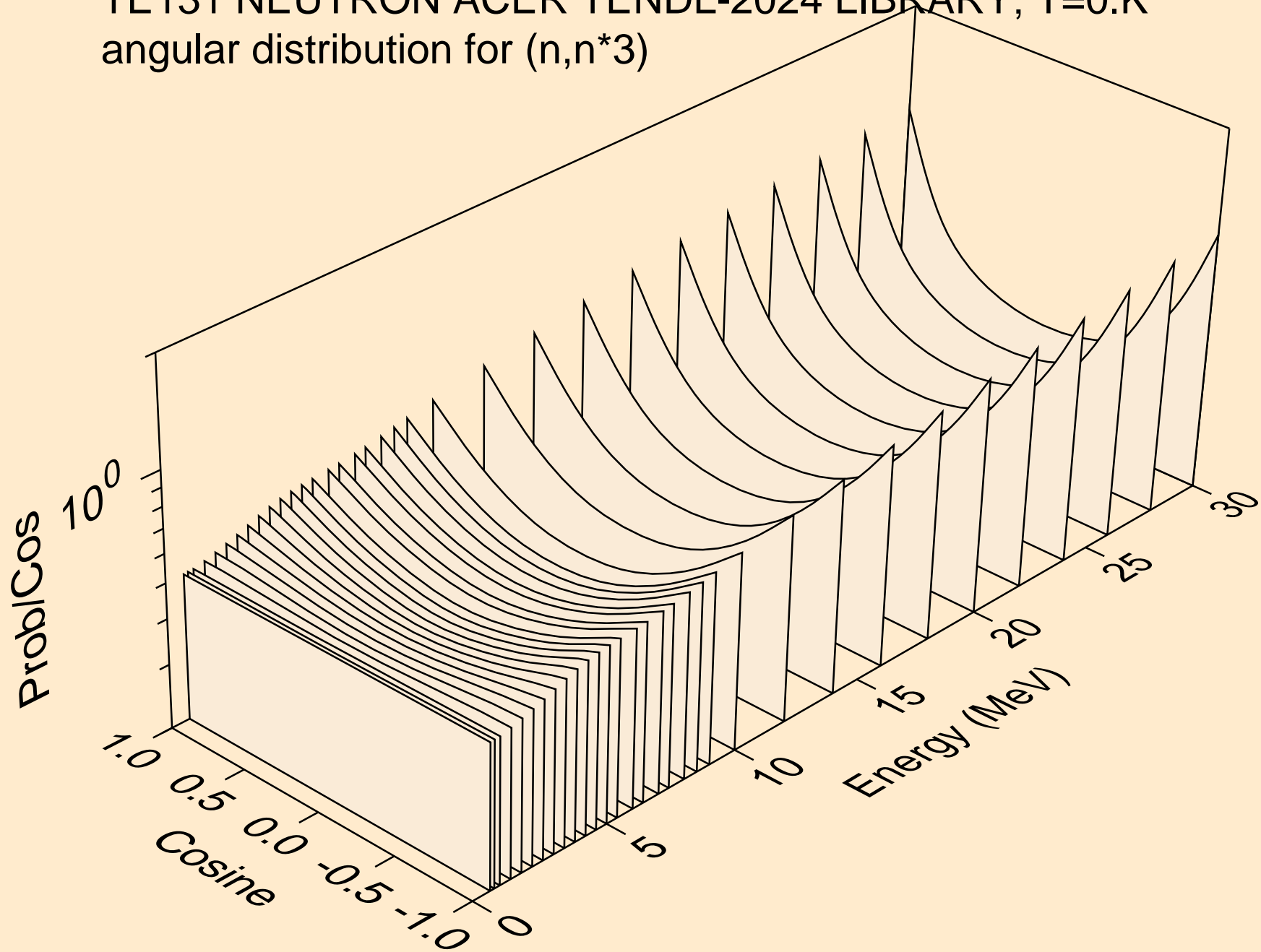
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



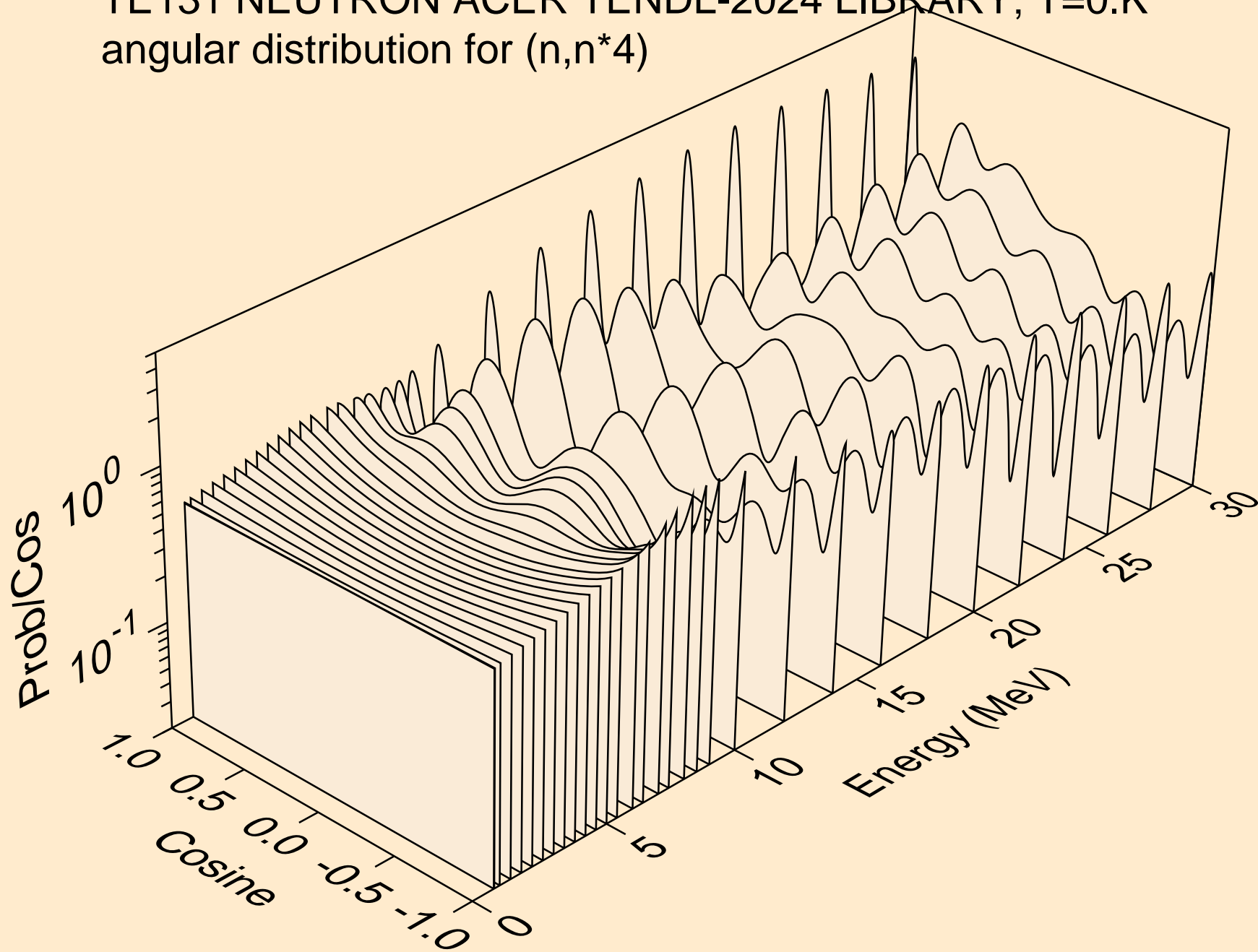
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

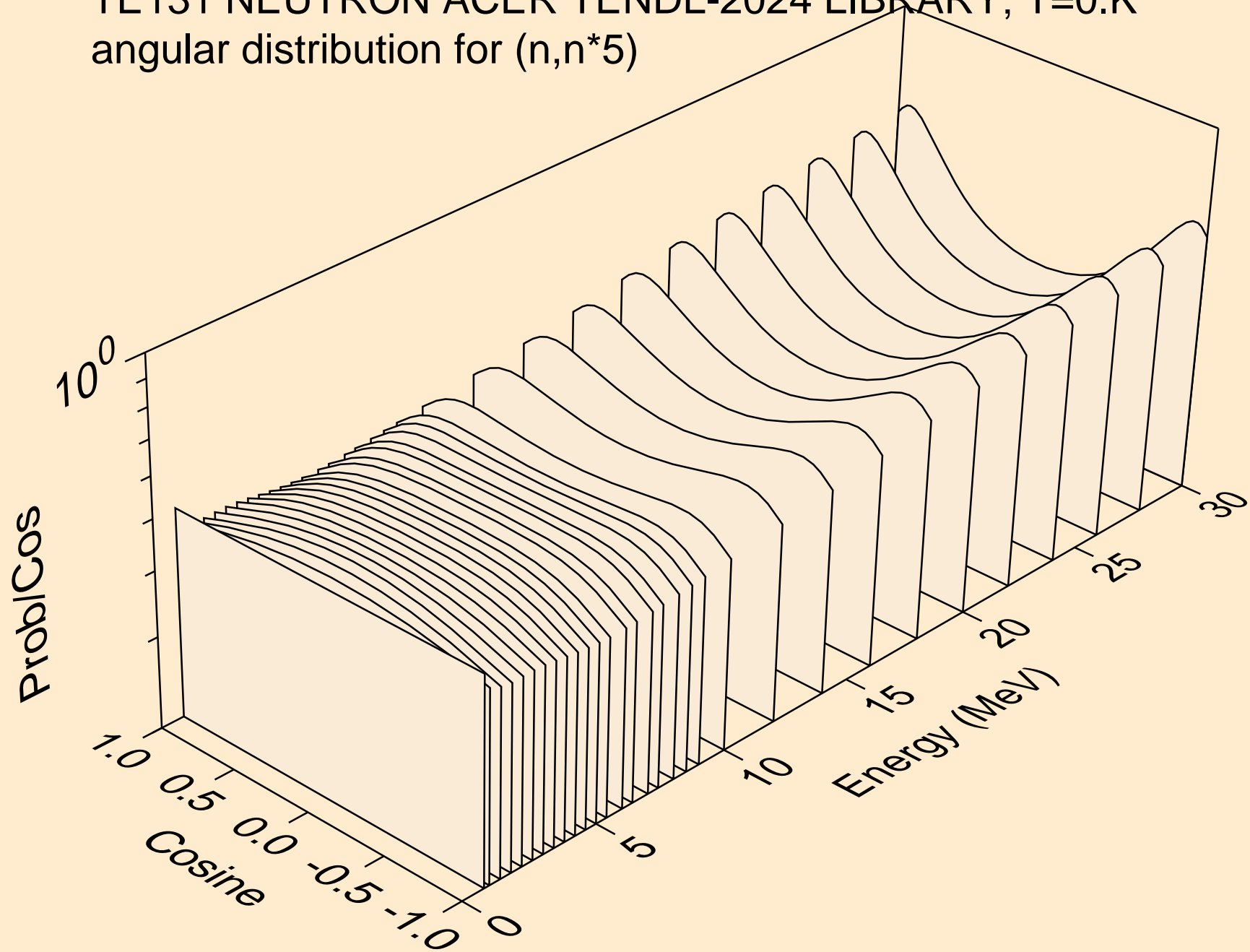


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

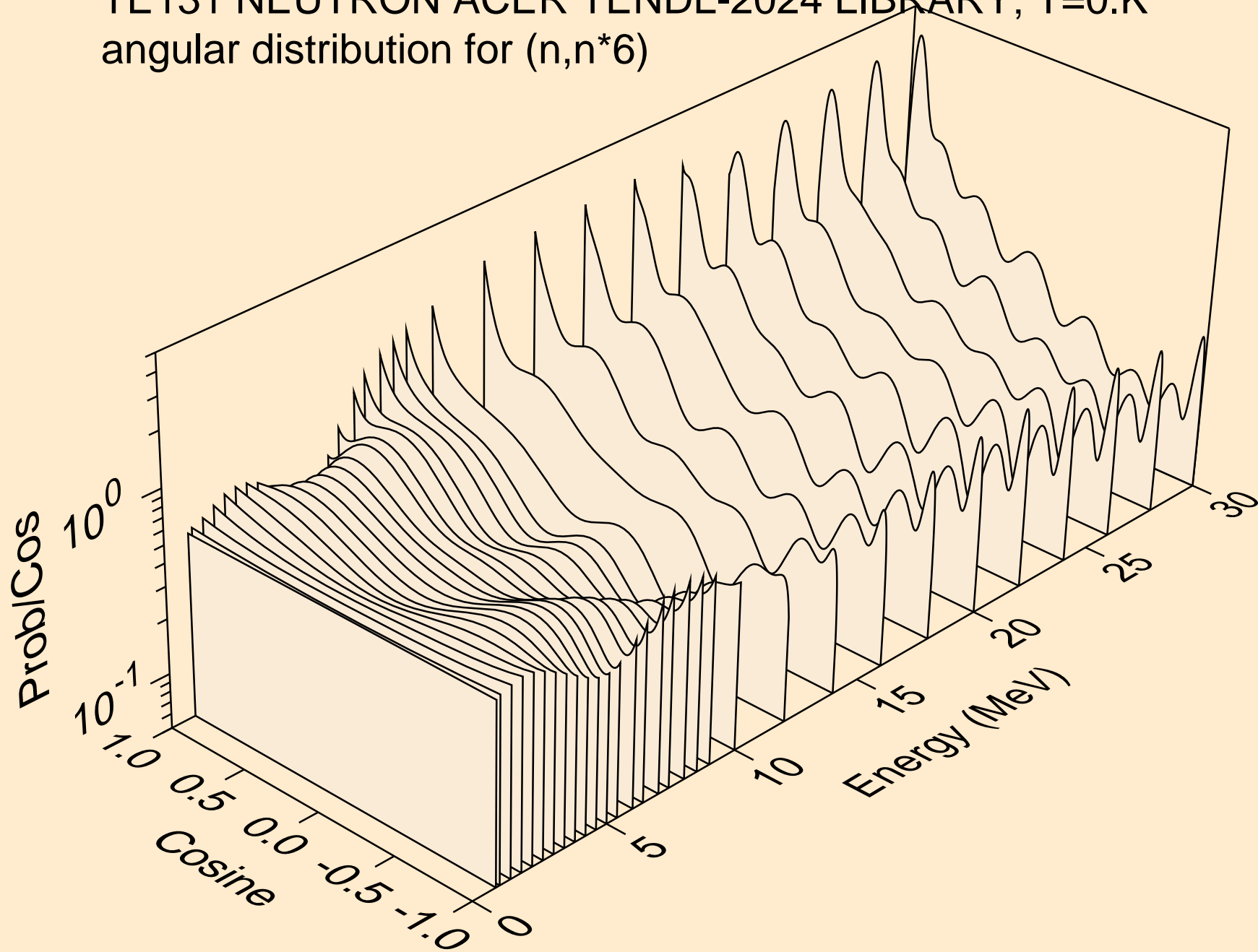




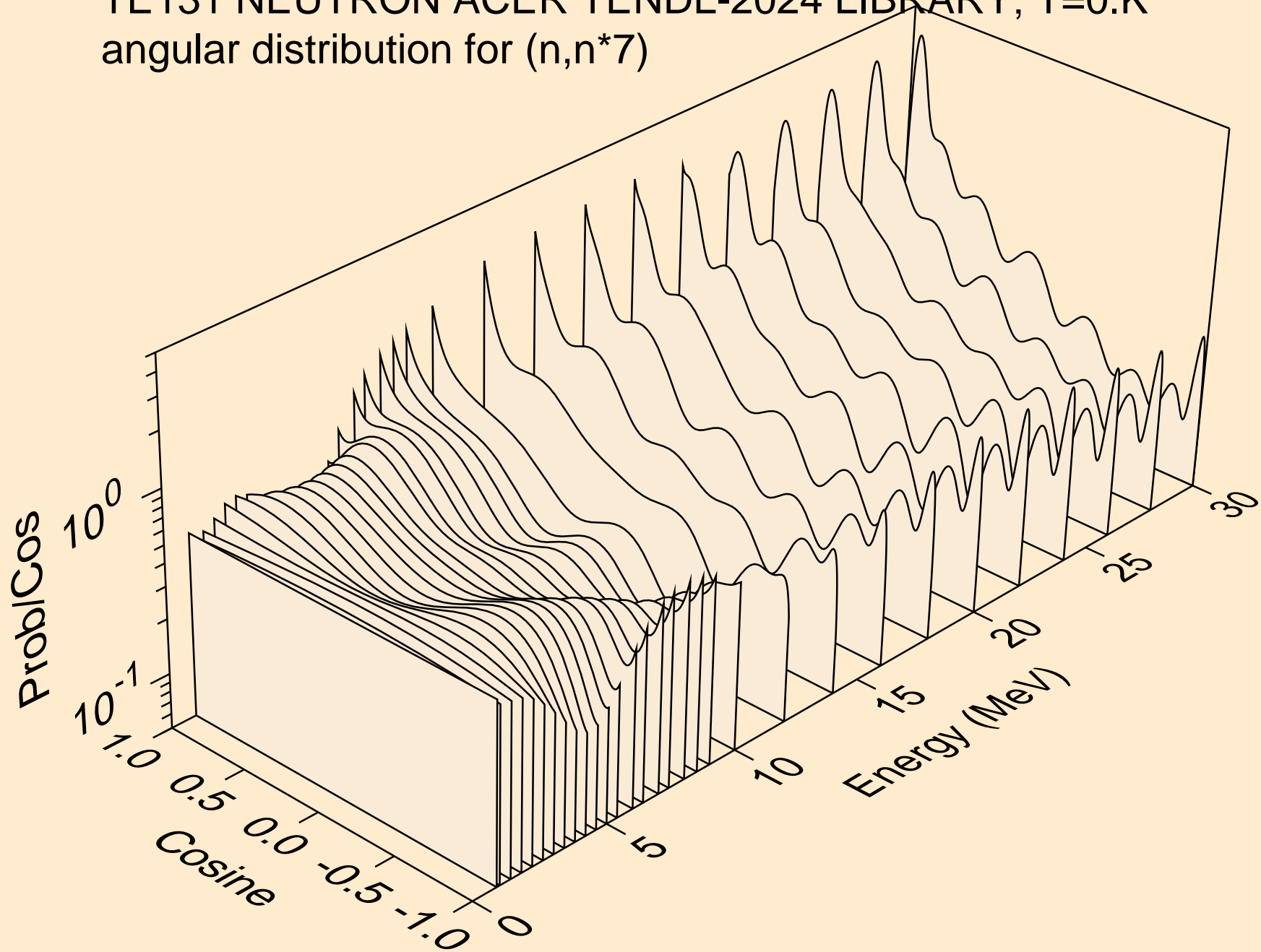
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



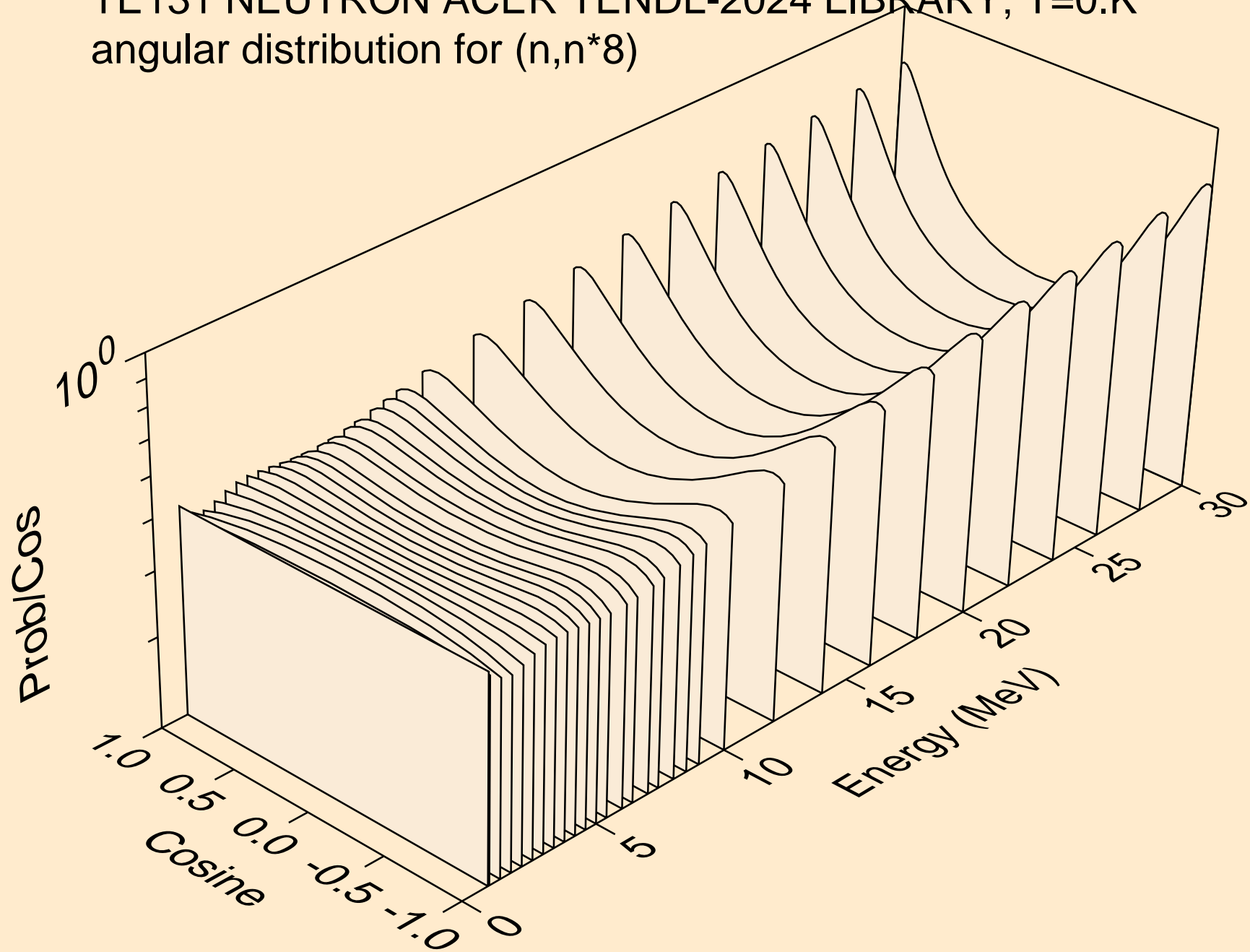
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



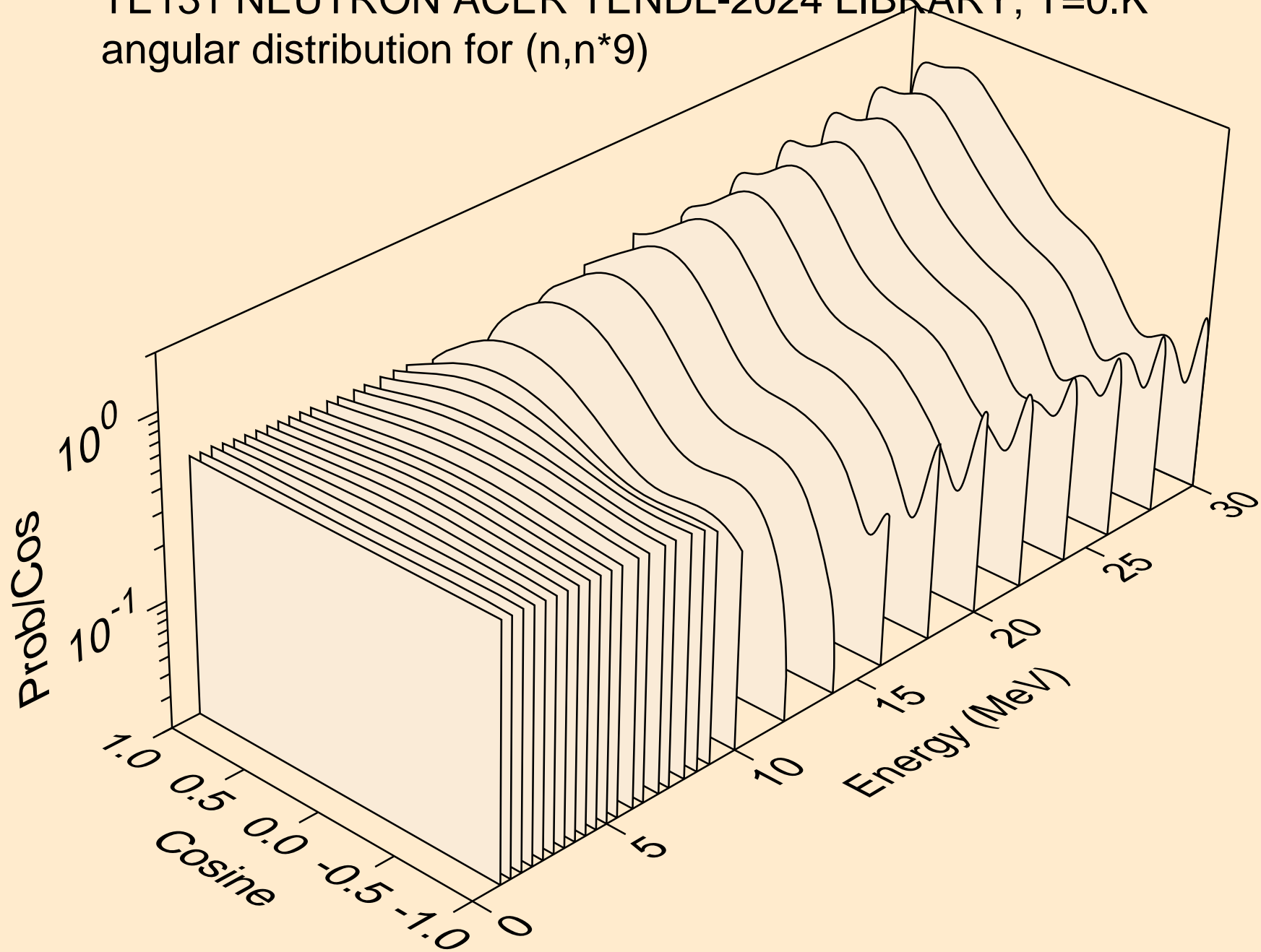
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



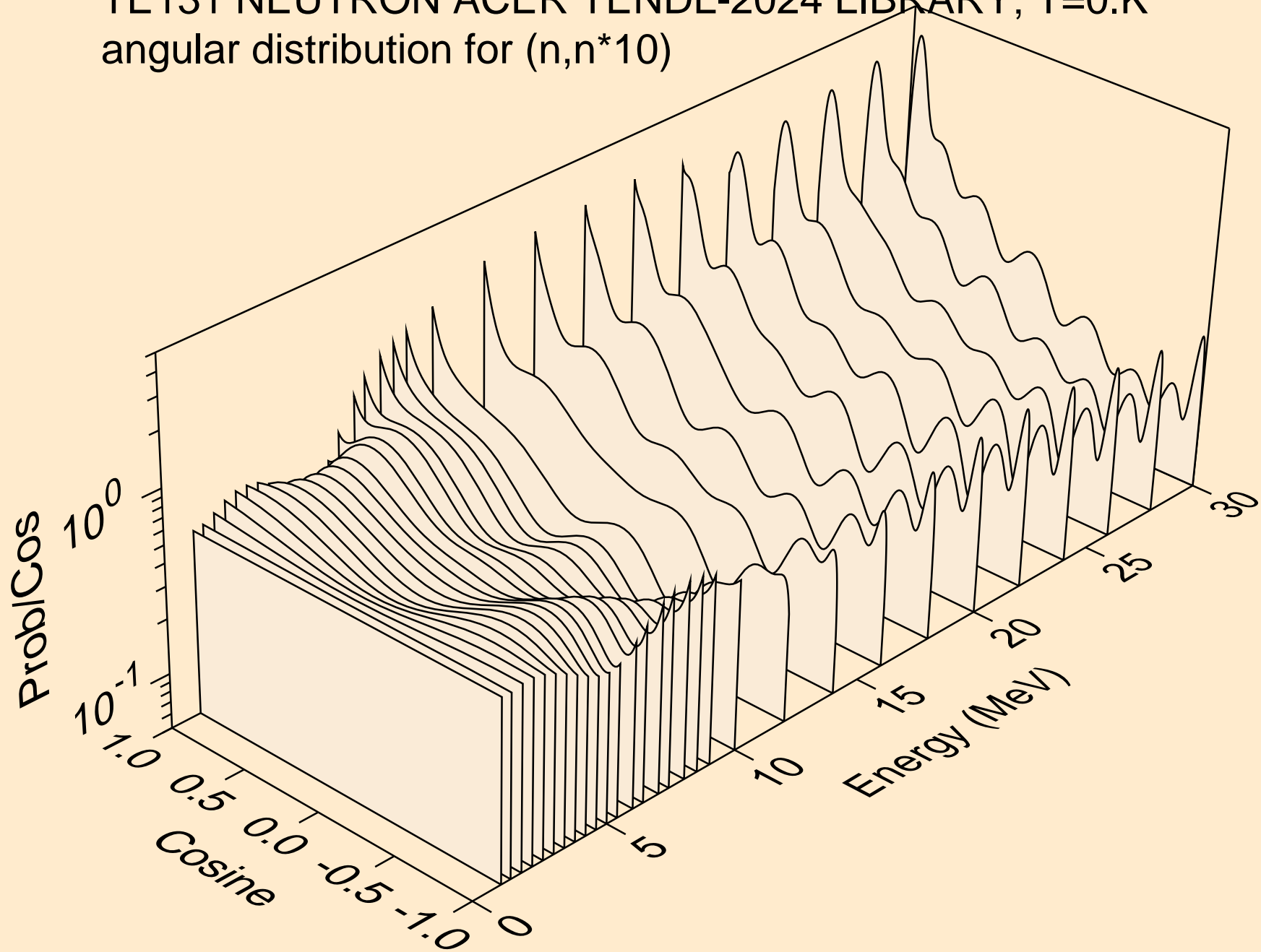
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



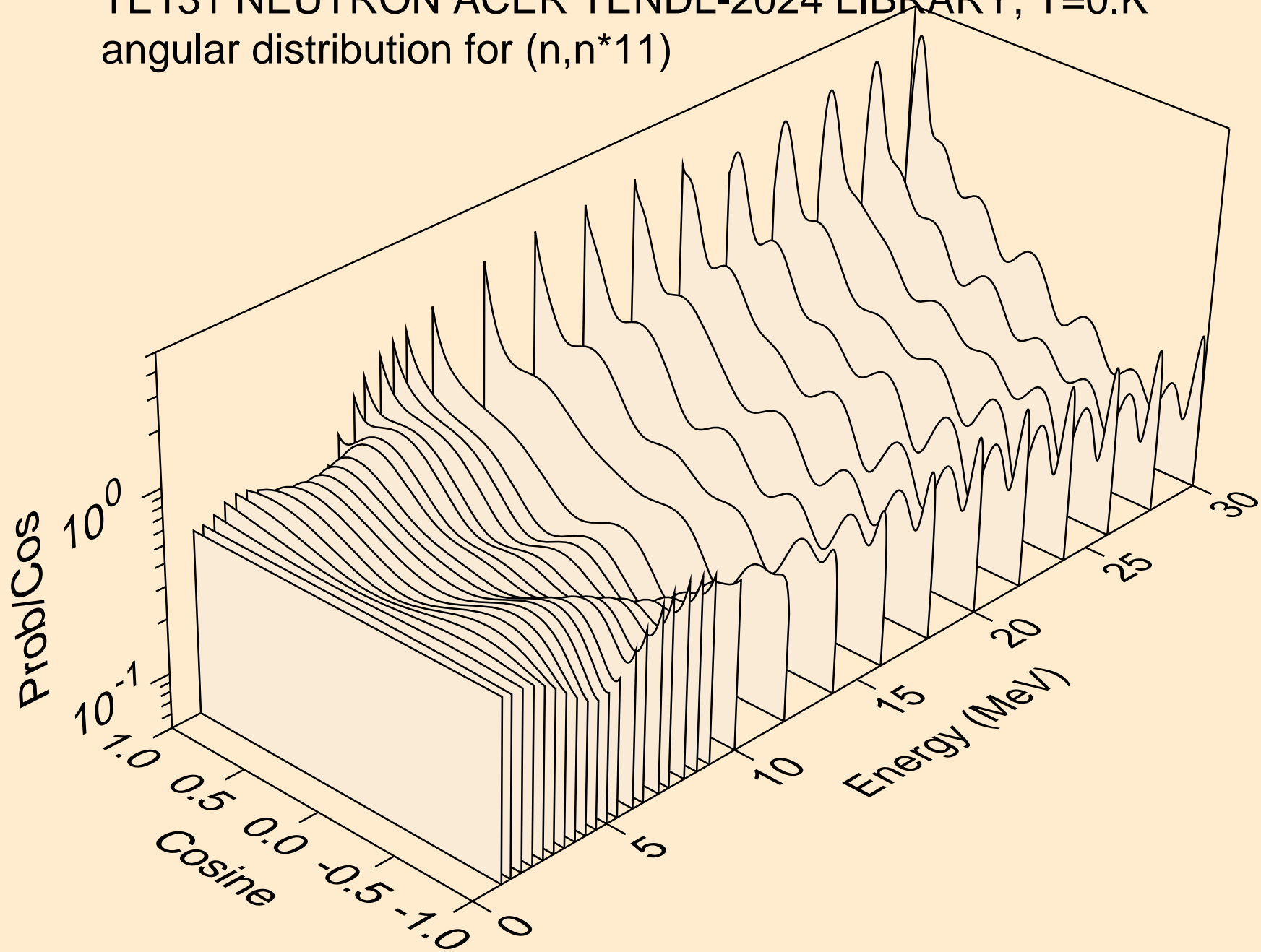
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angular distribution for (n,n\*9)



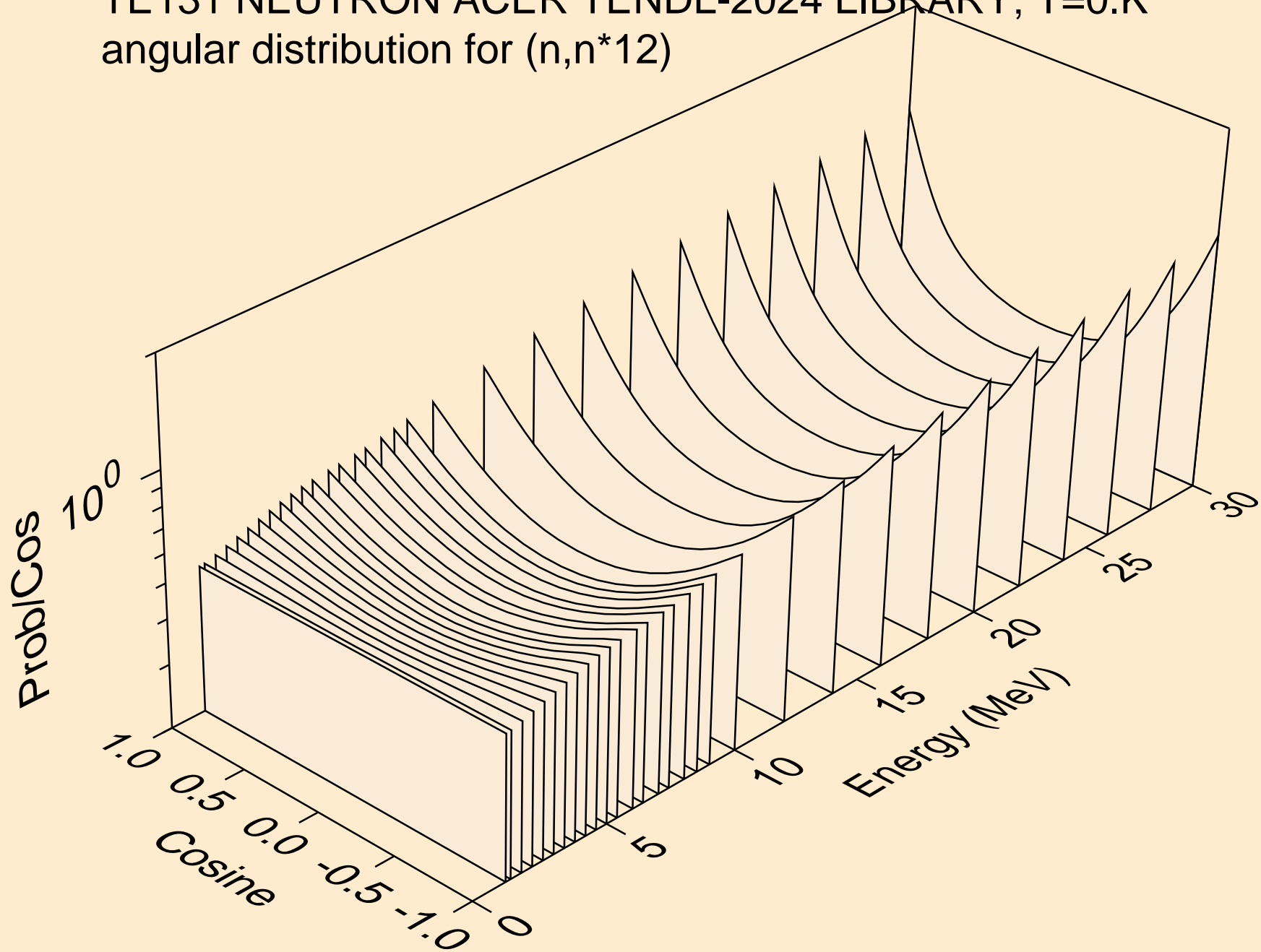
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

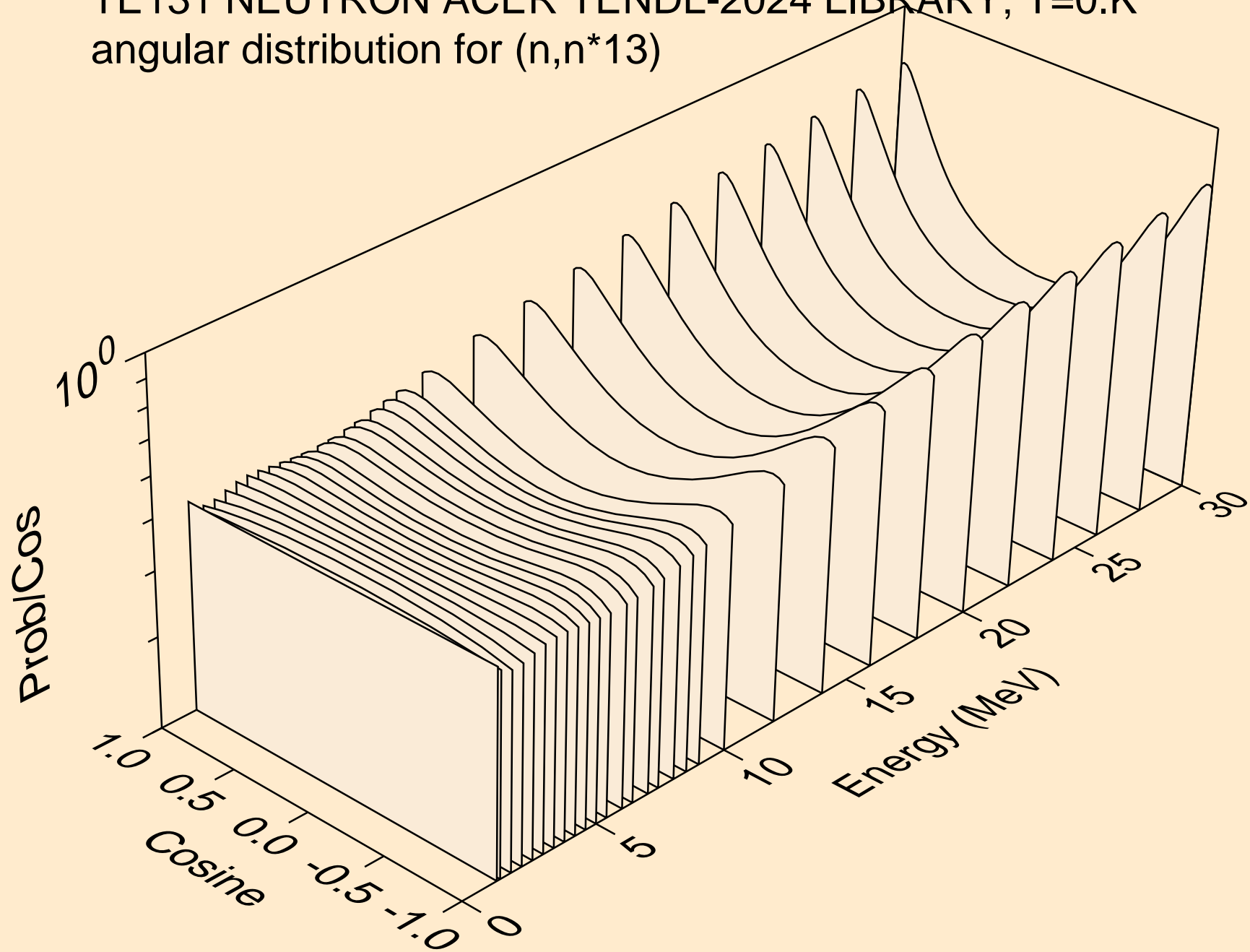


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

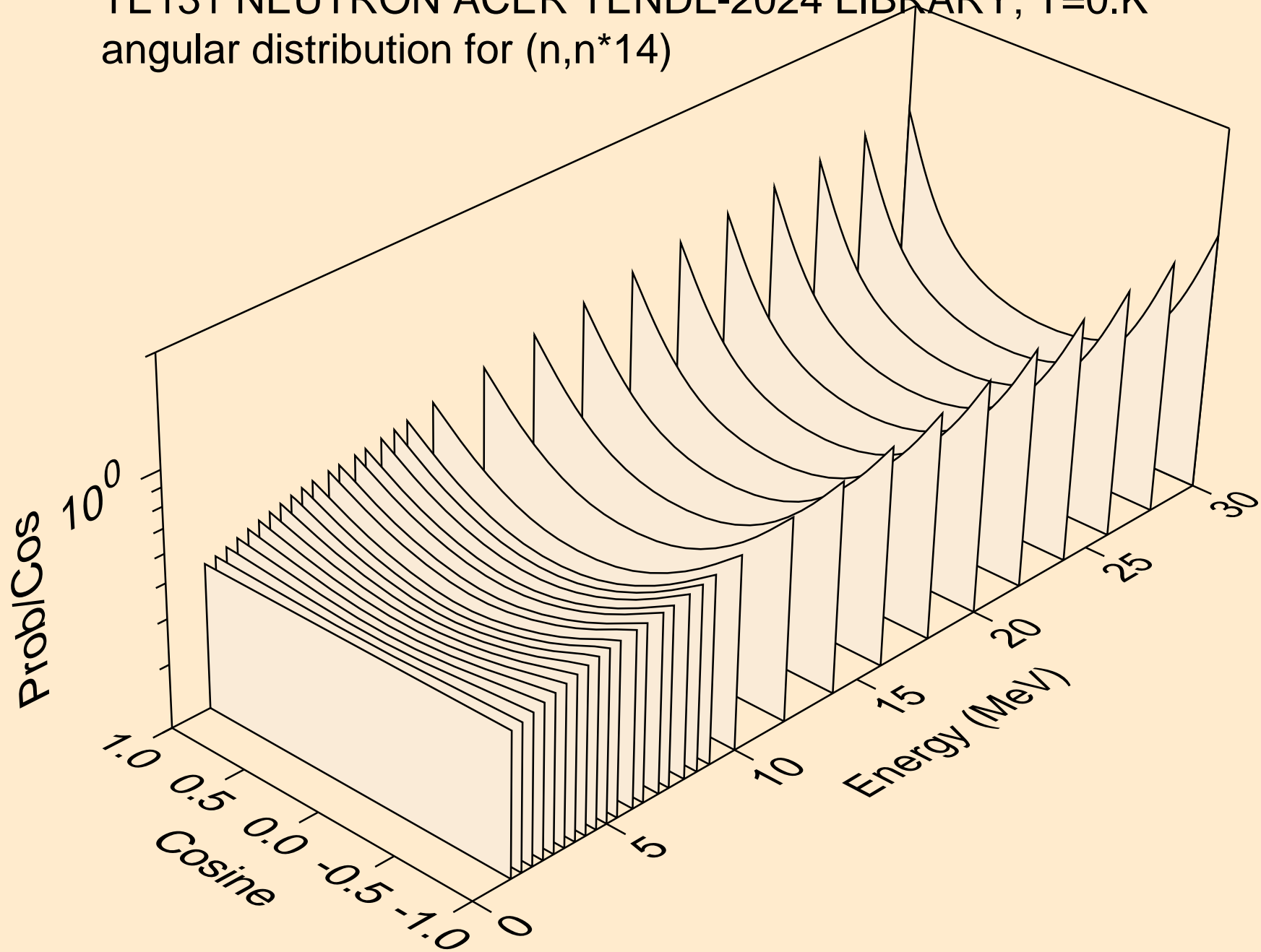




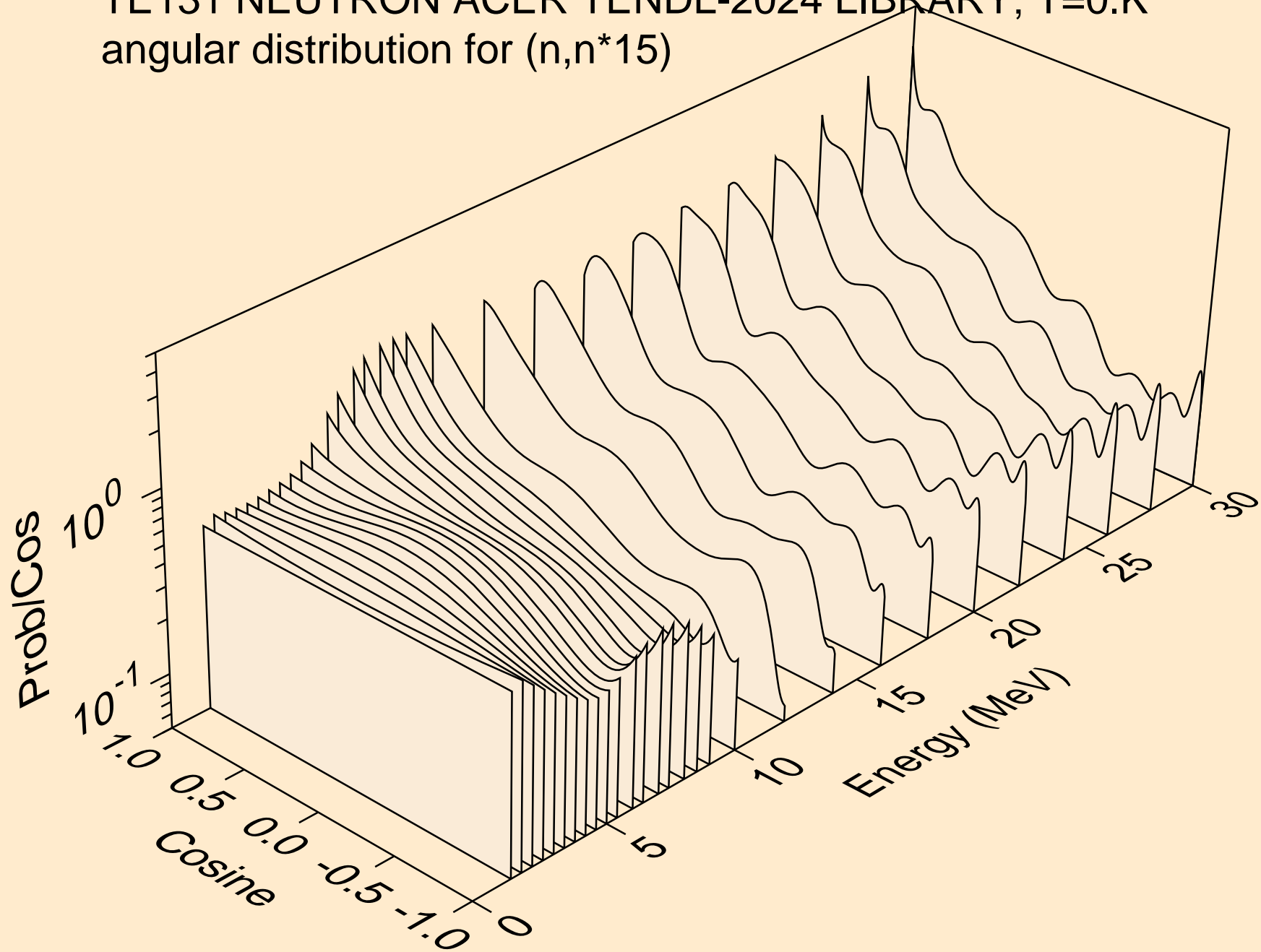
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



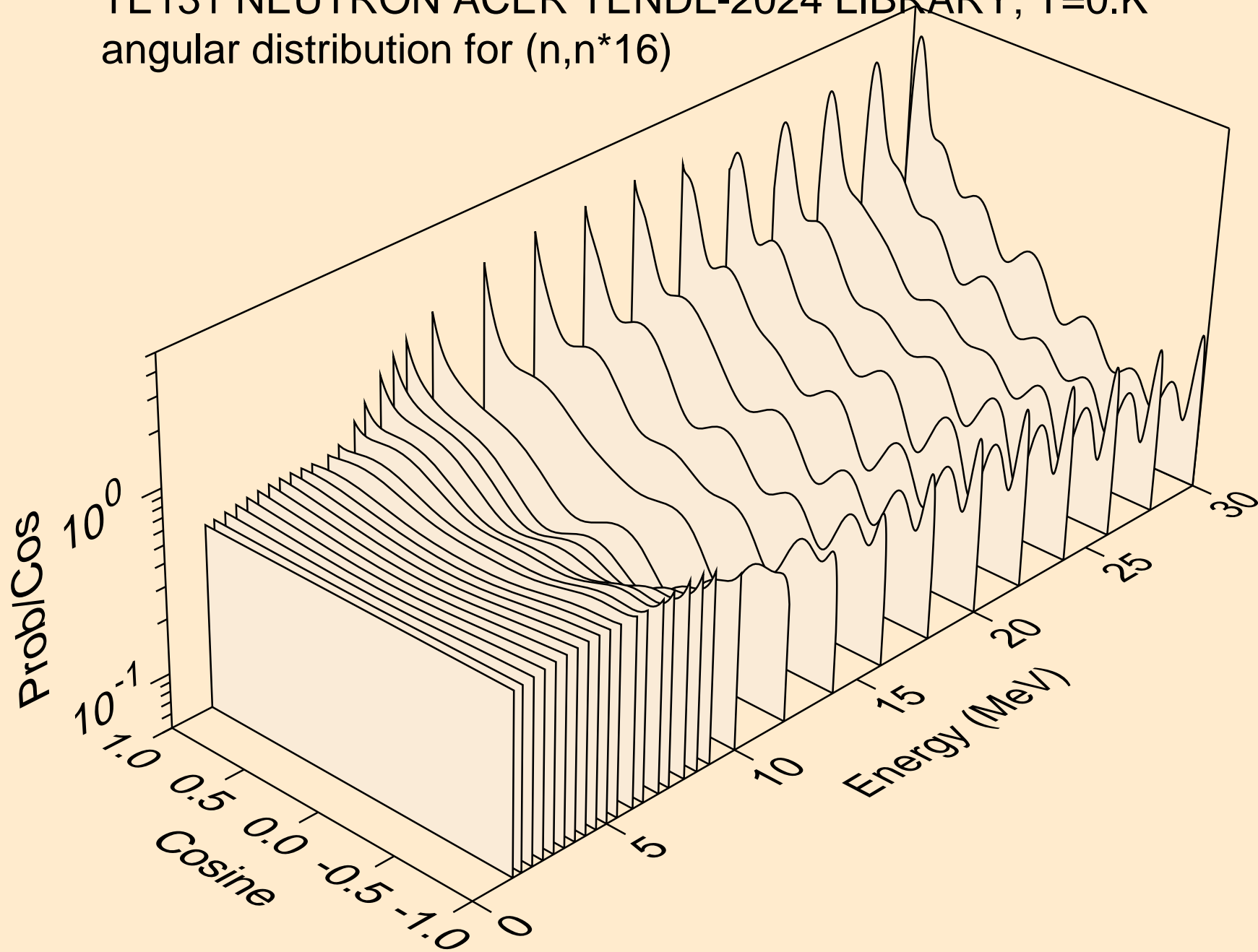
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



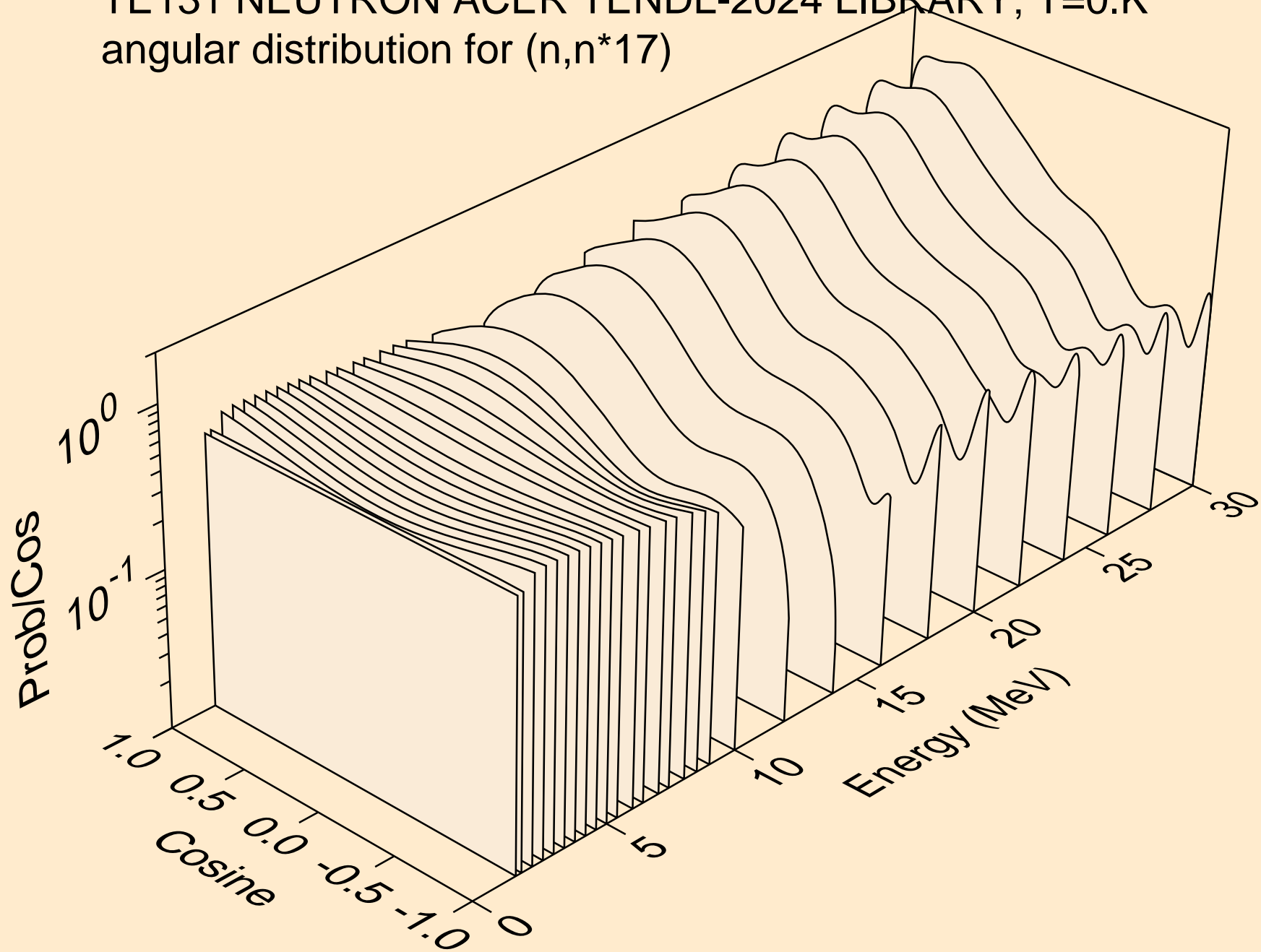
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angular distribution for (n,n\*15)



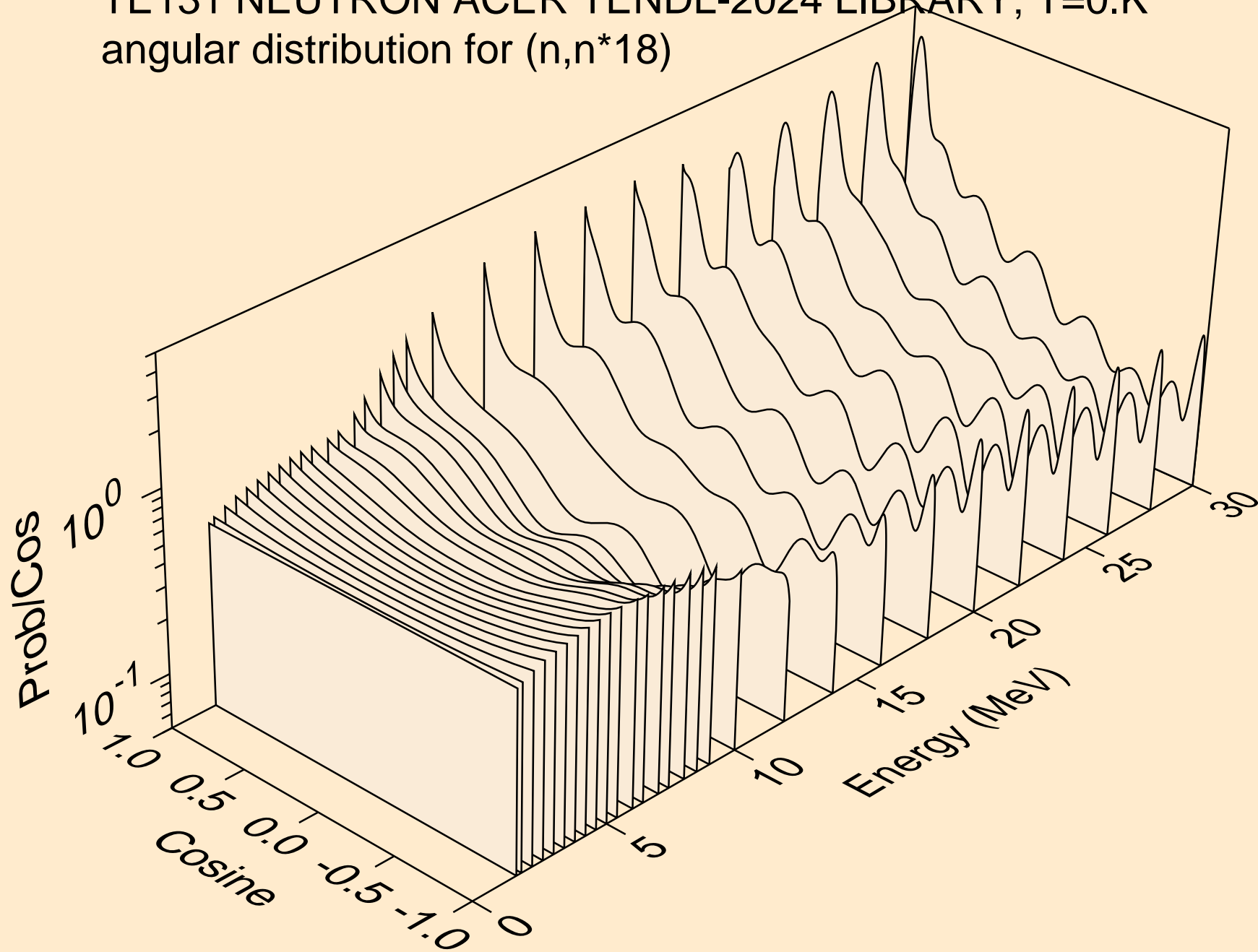
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



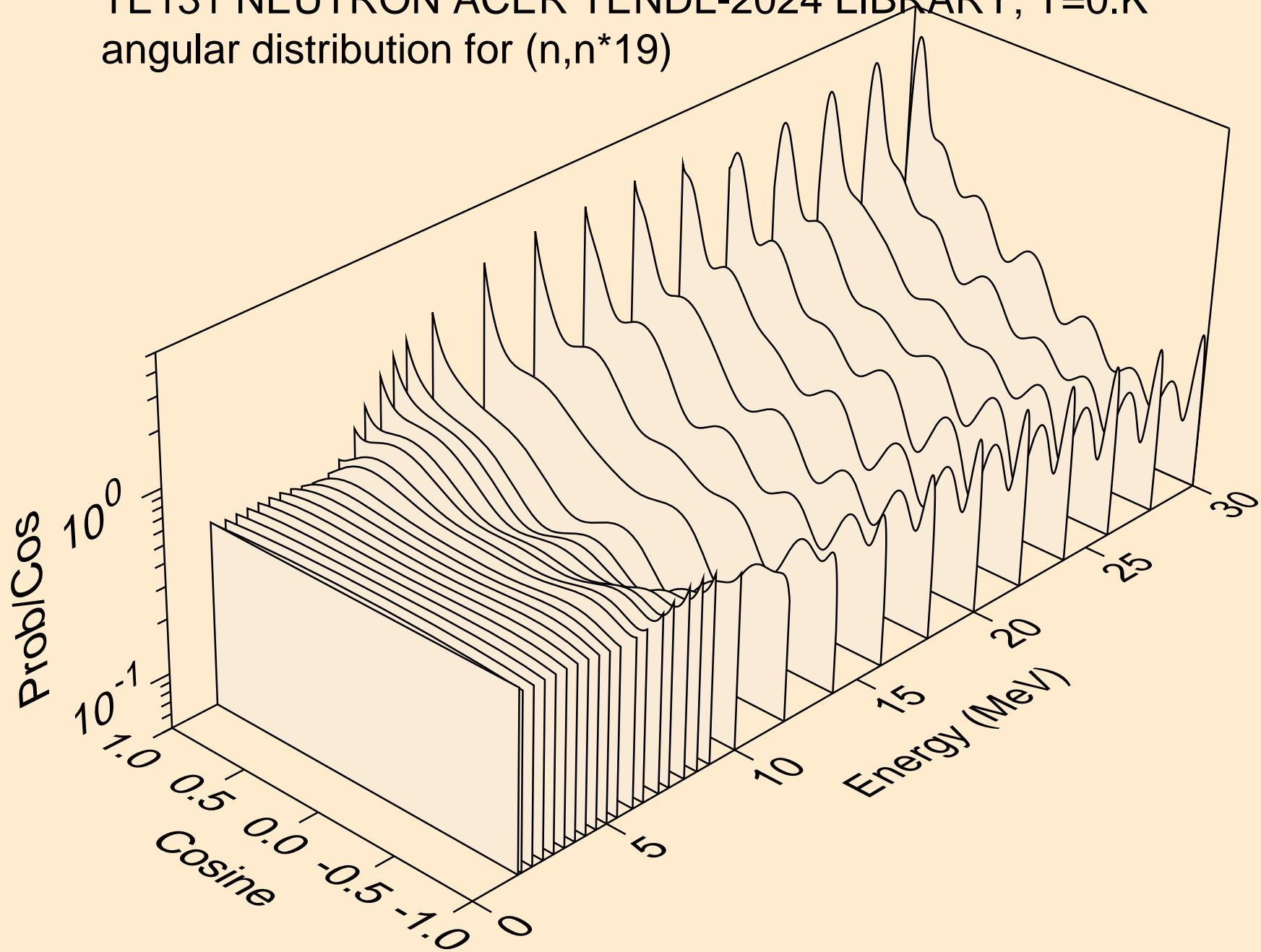
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



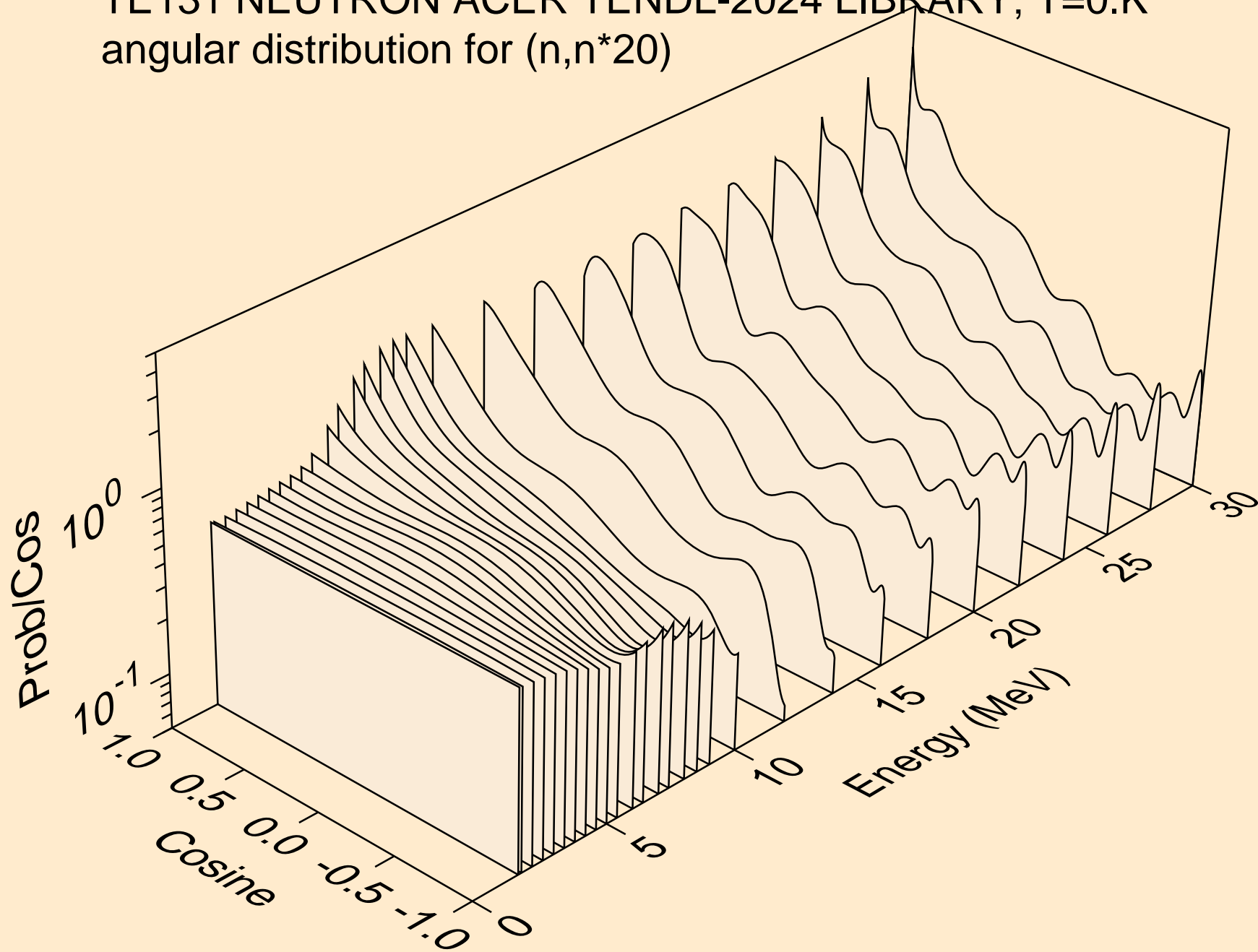
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

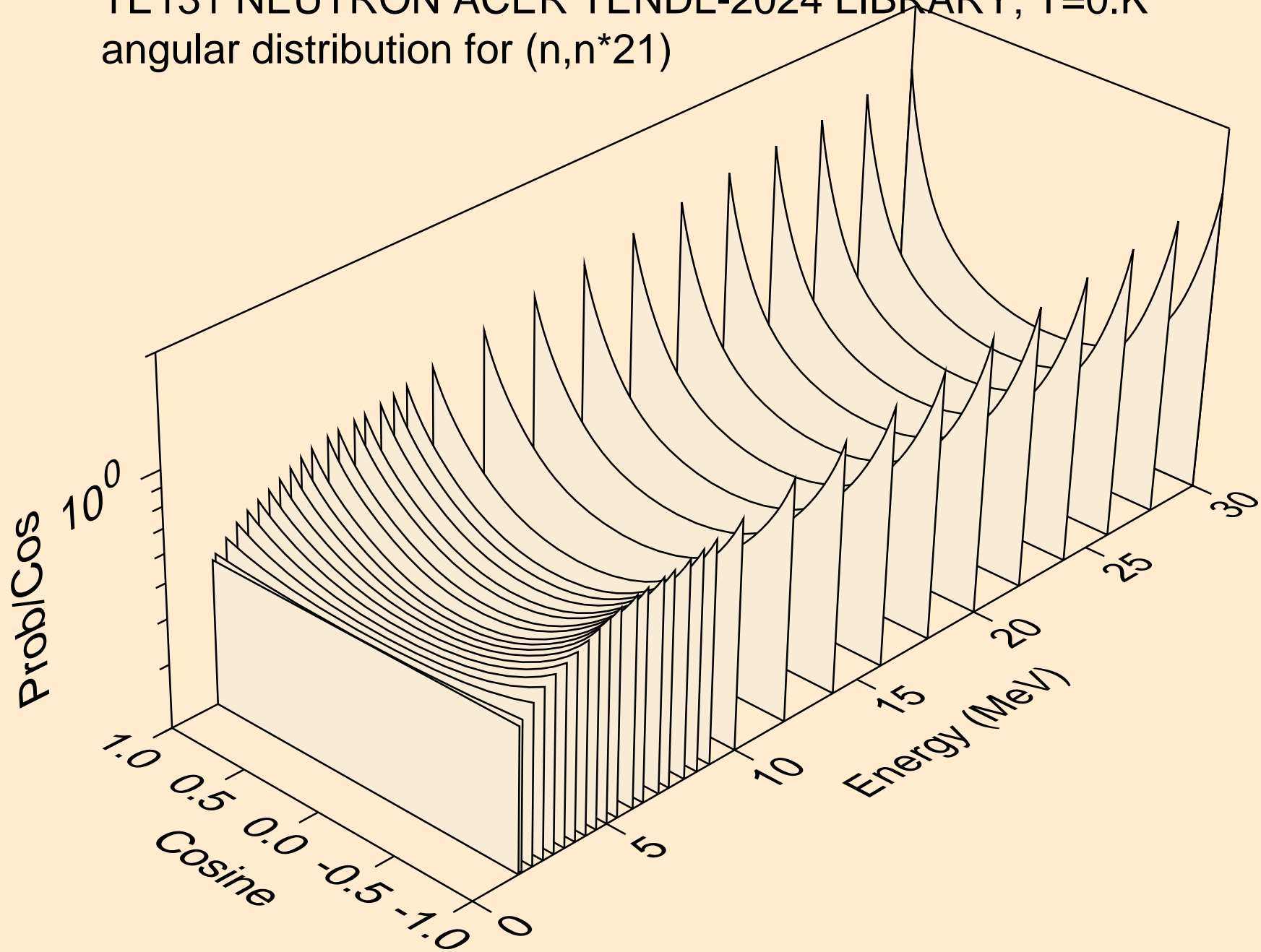


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

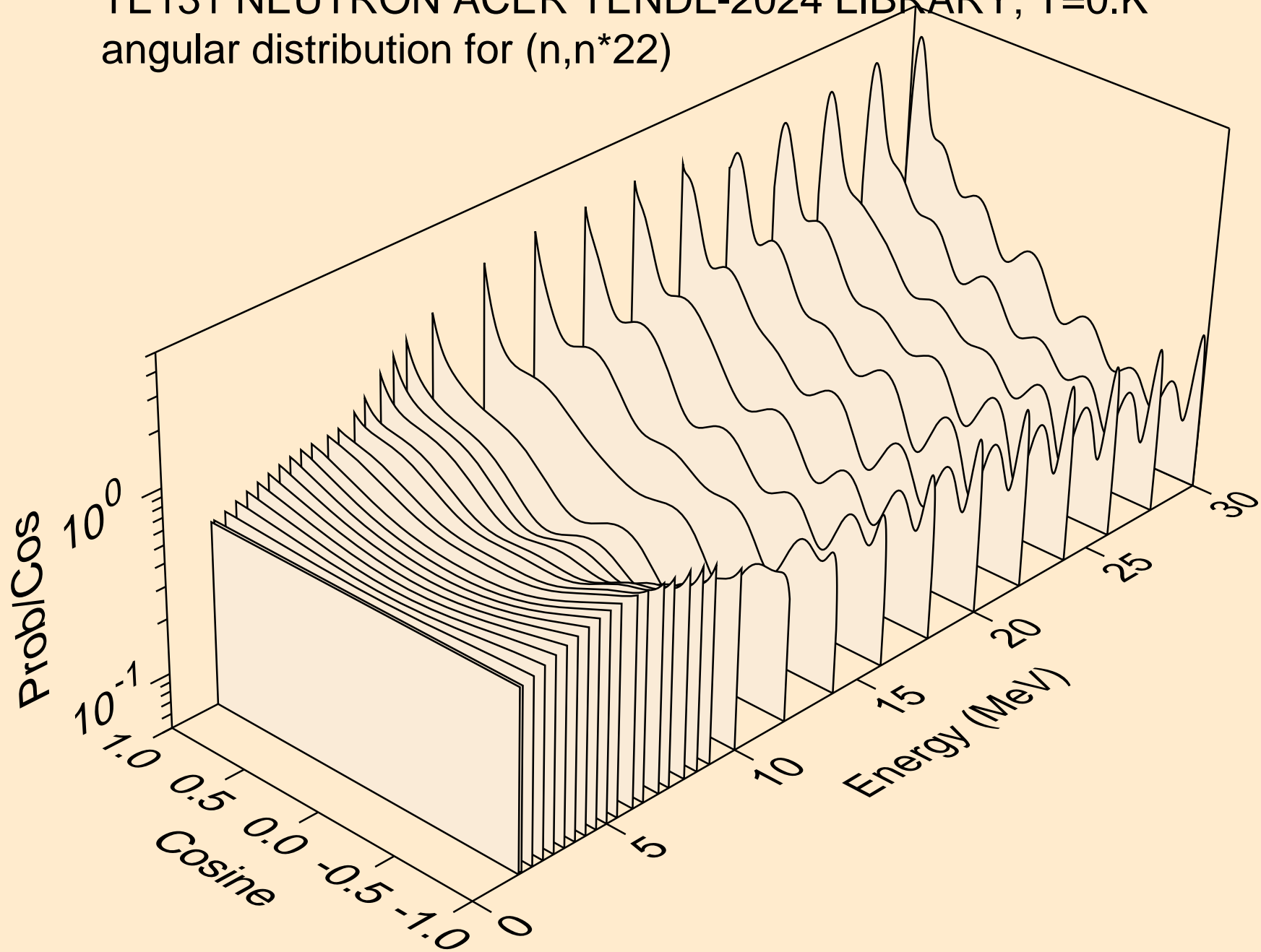




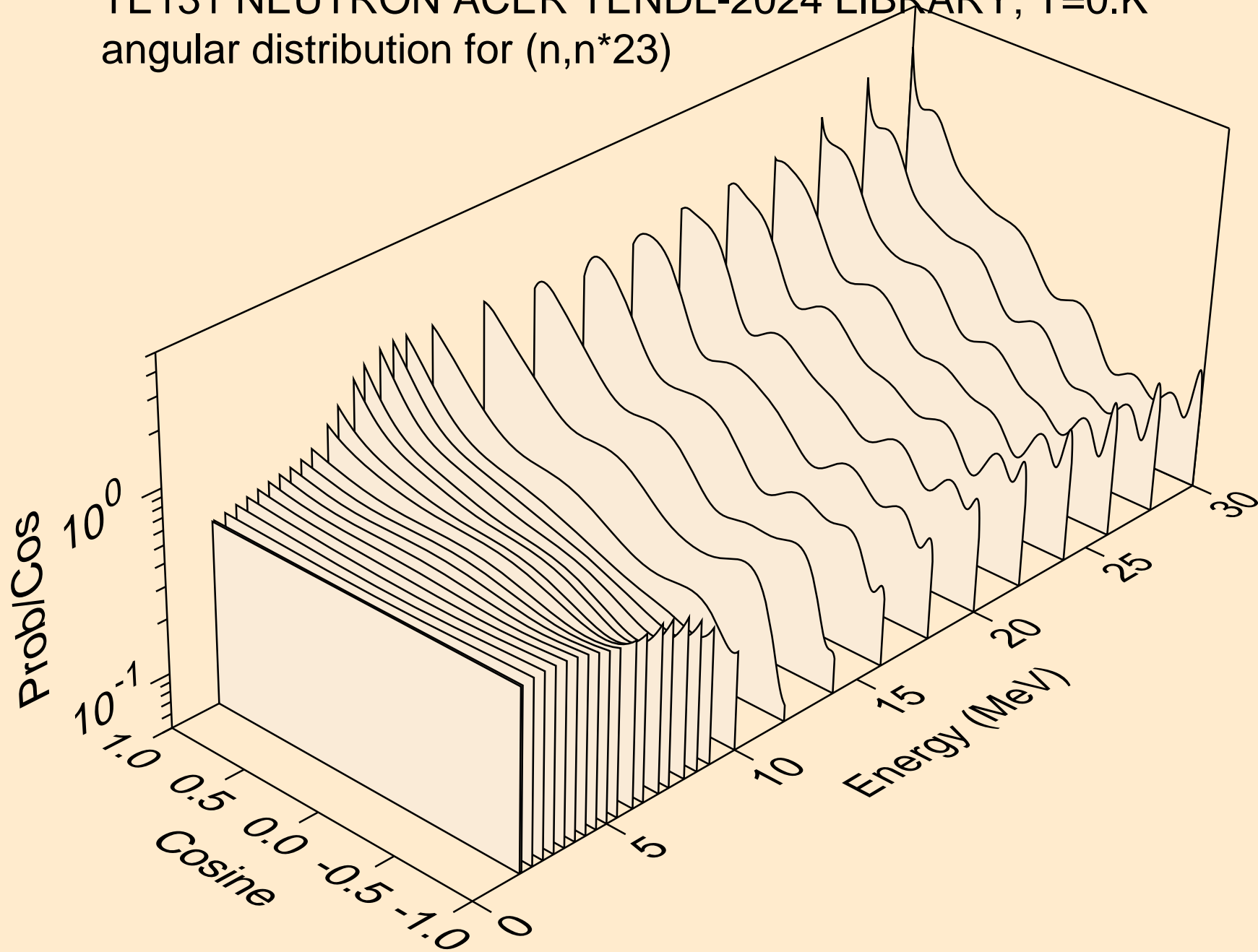
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



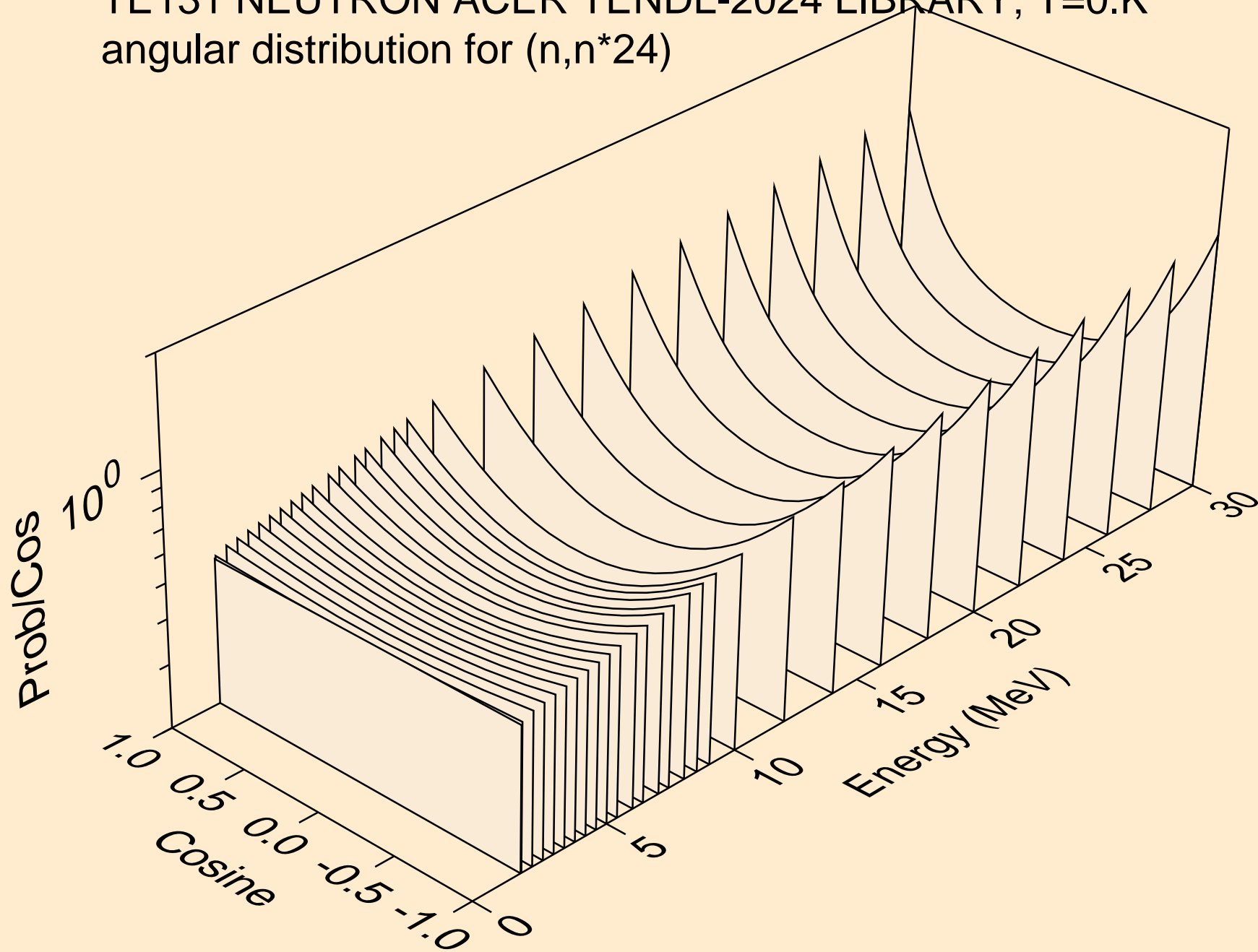
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



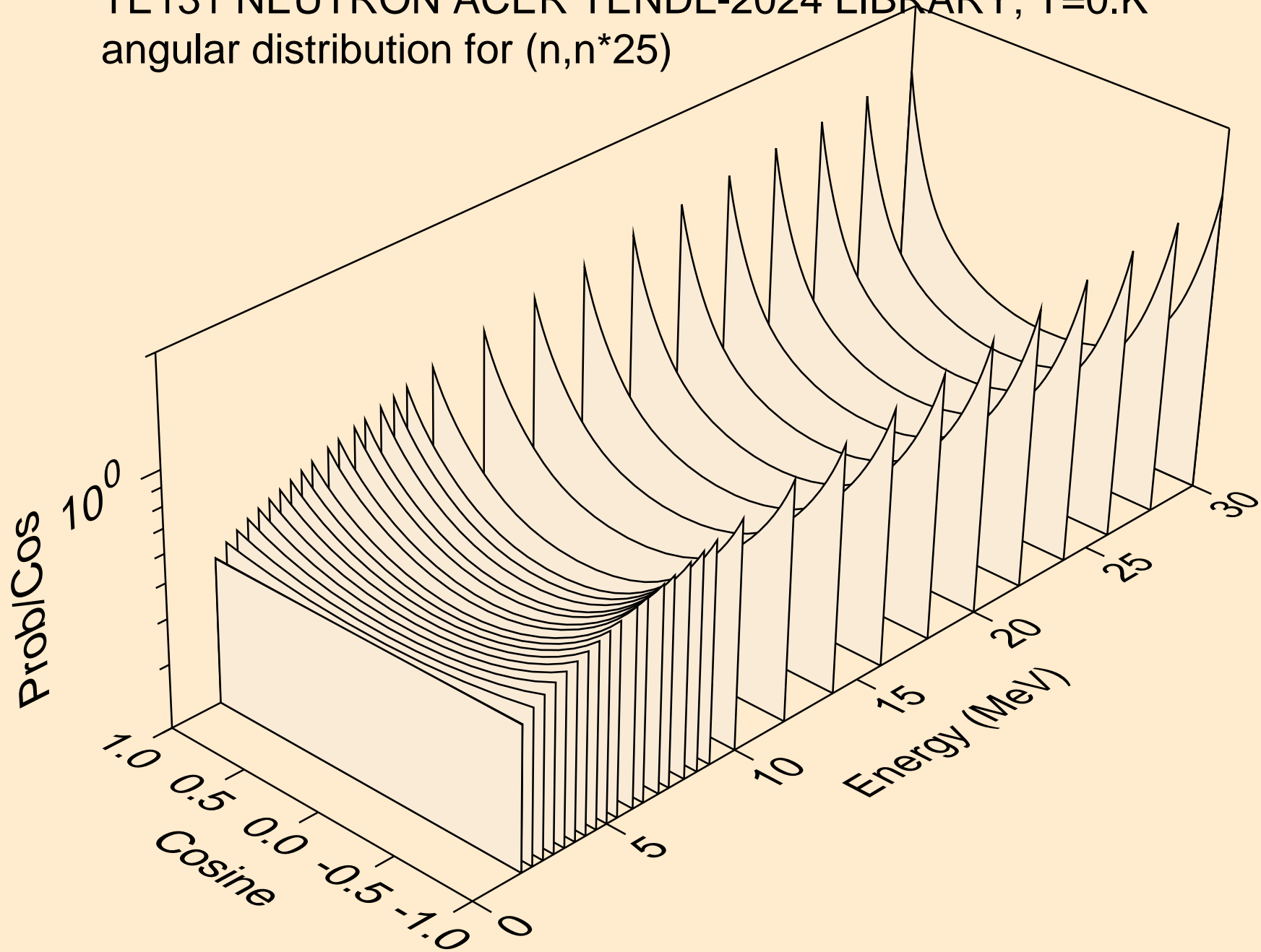
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



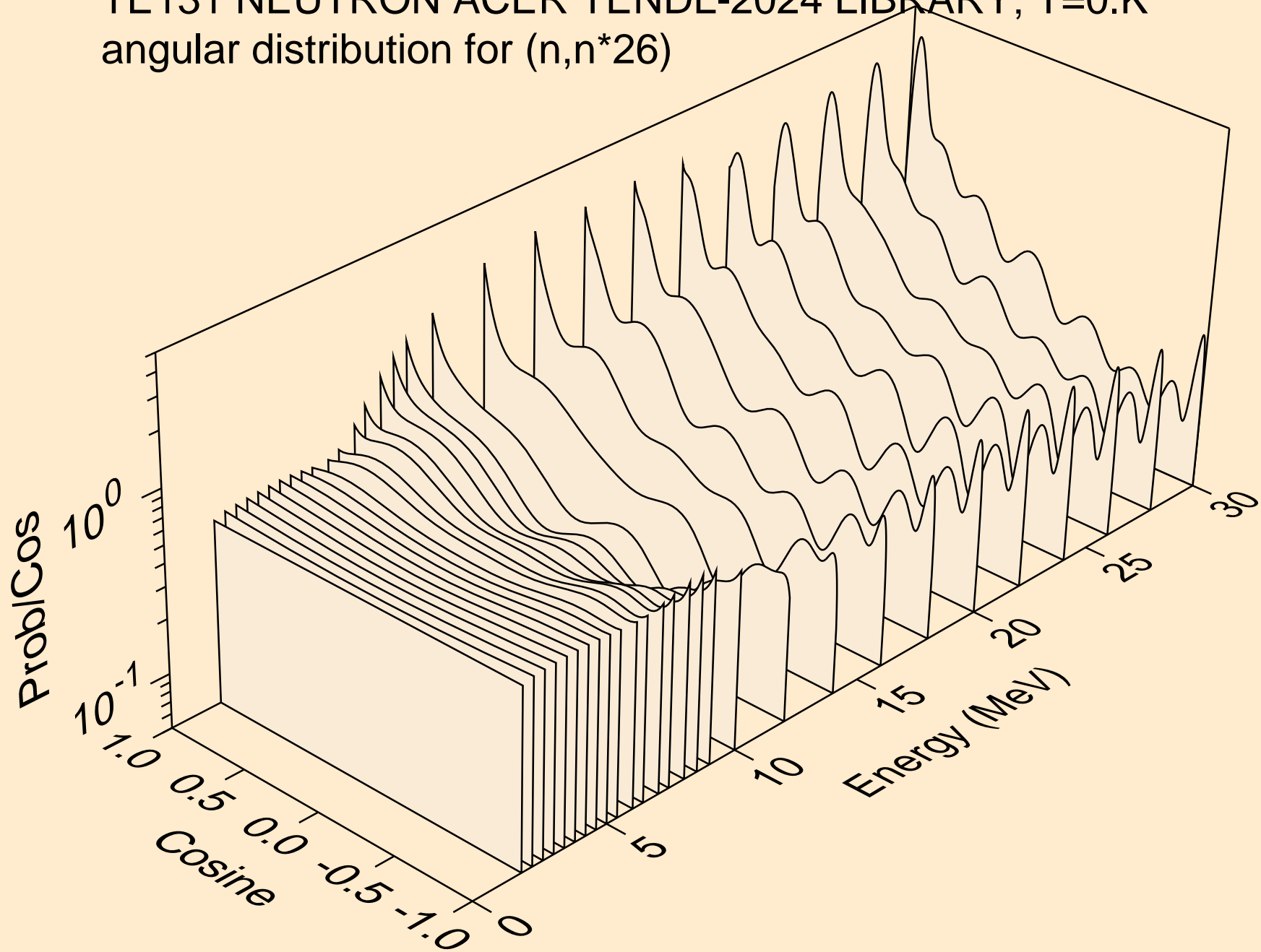
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



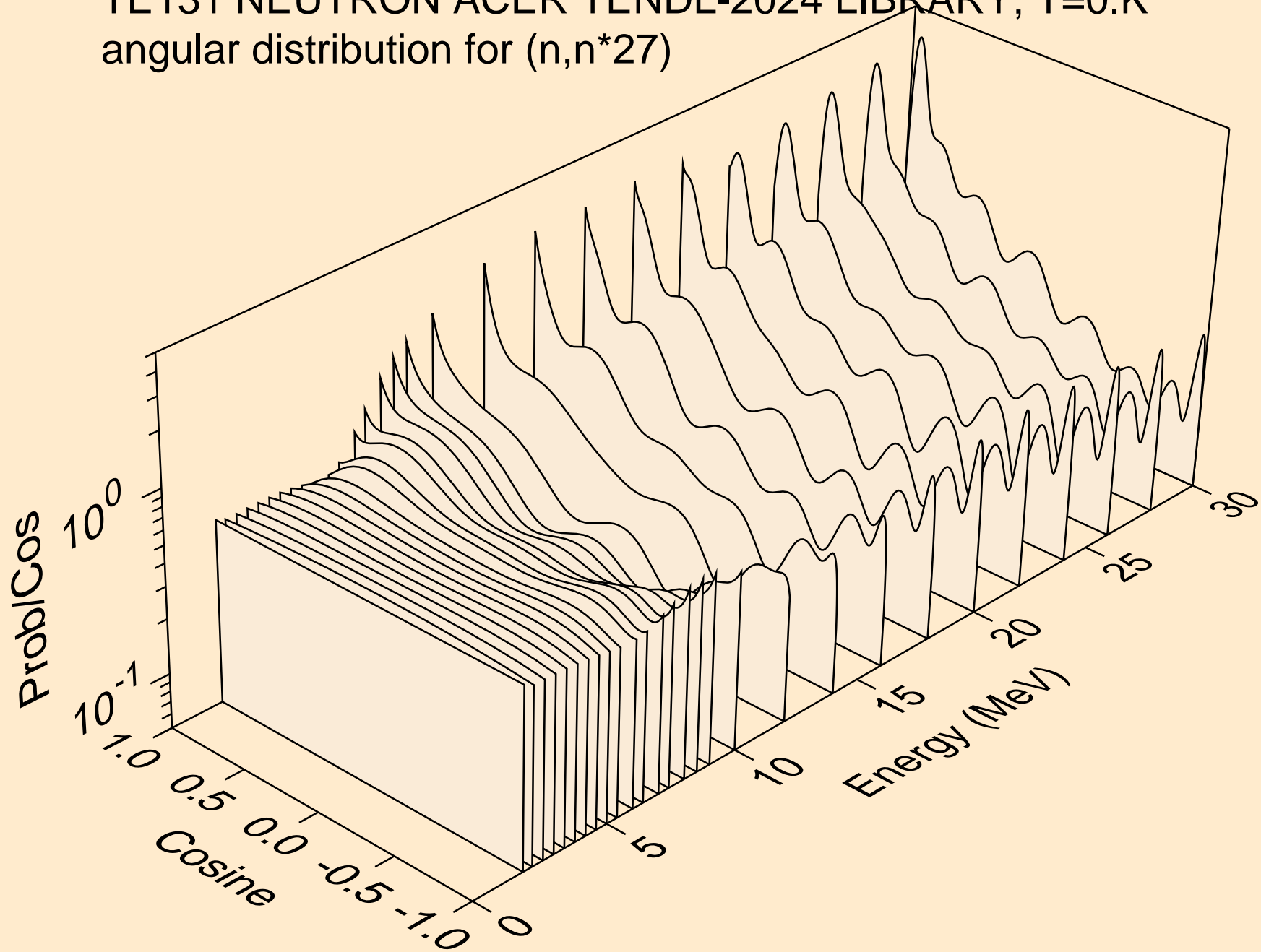
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



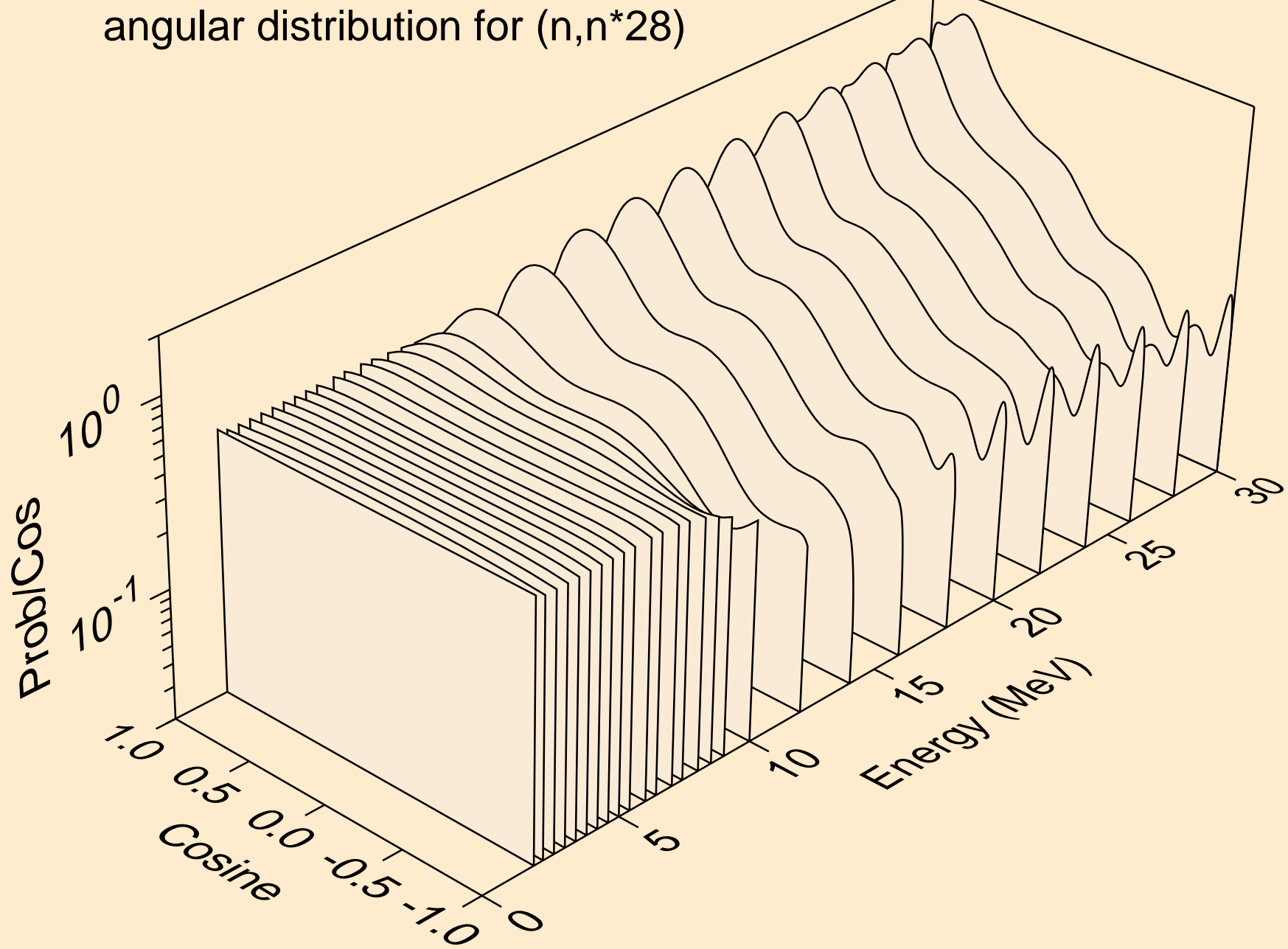
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

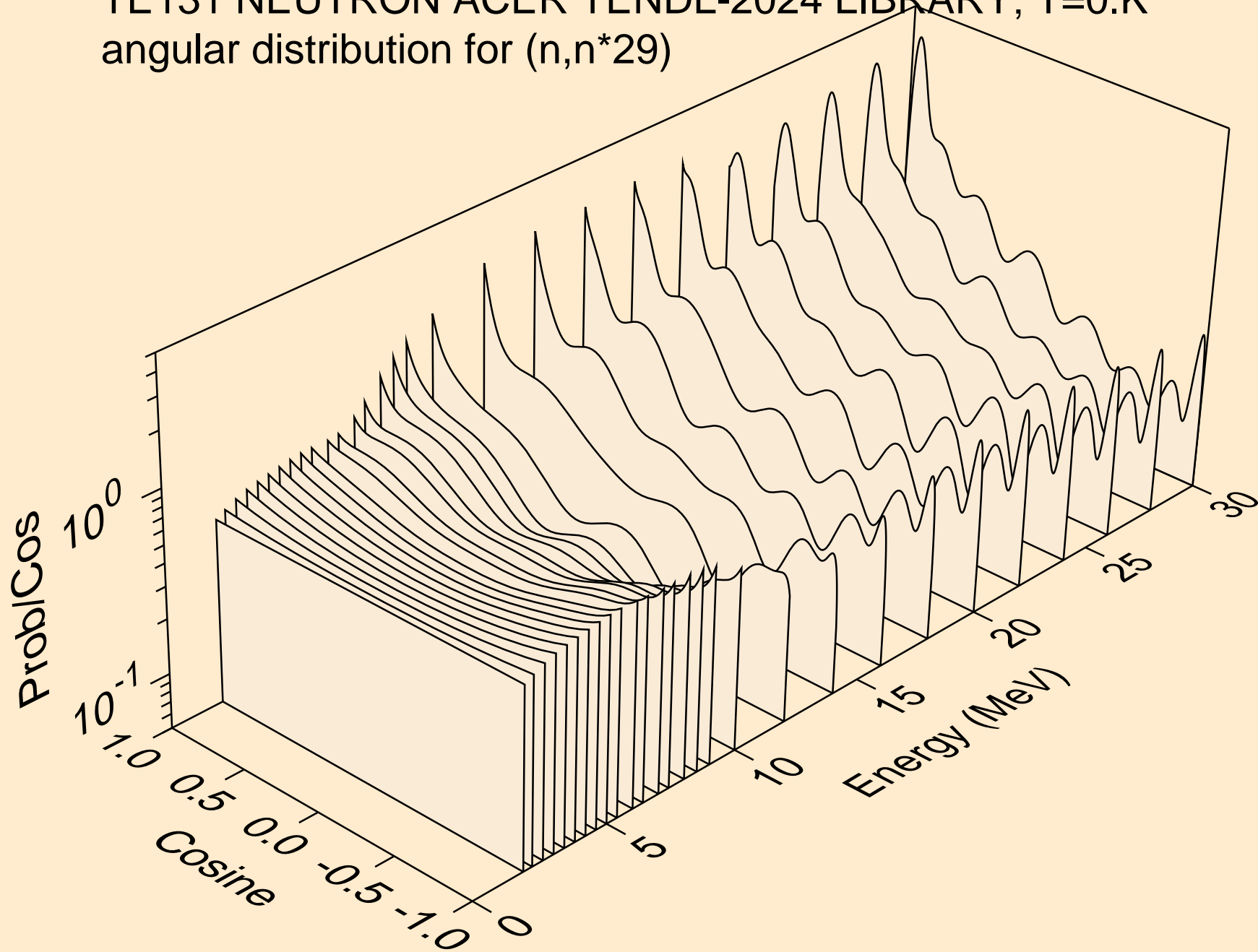


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

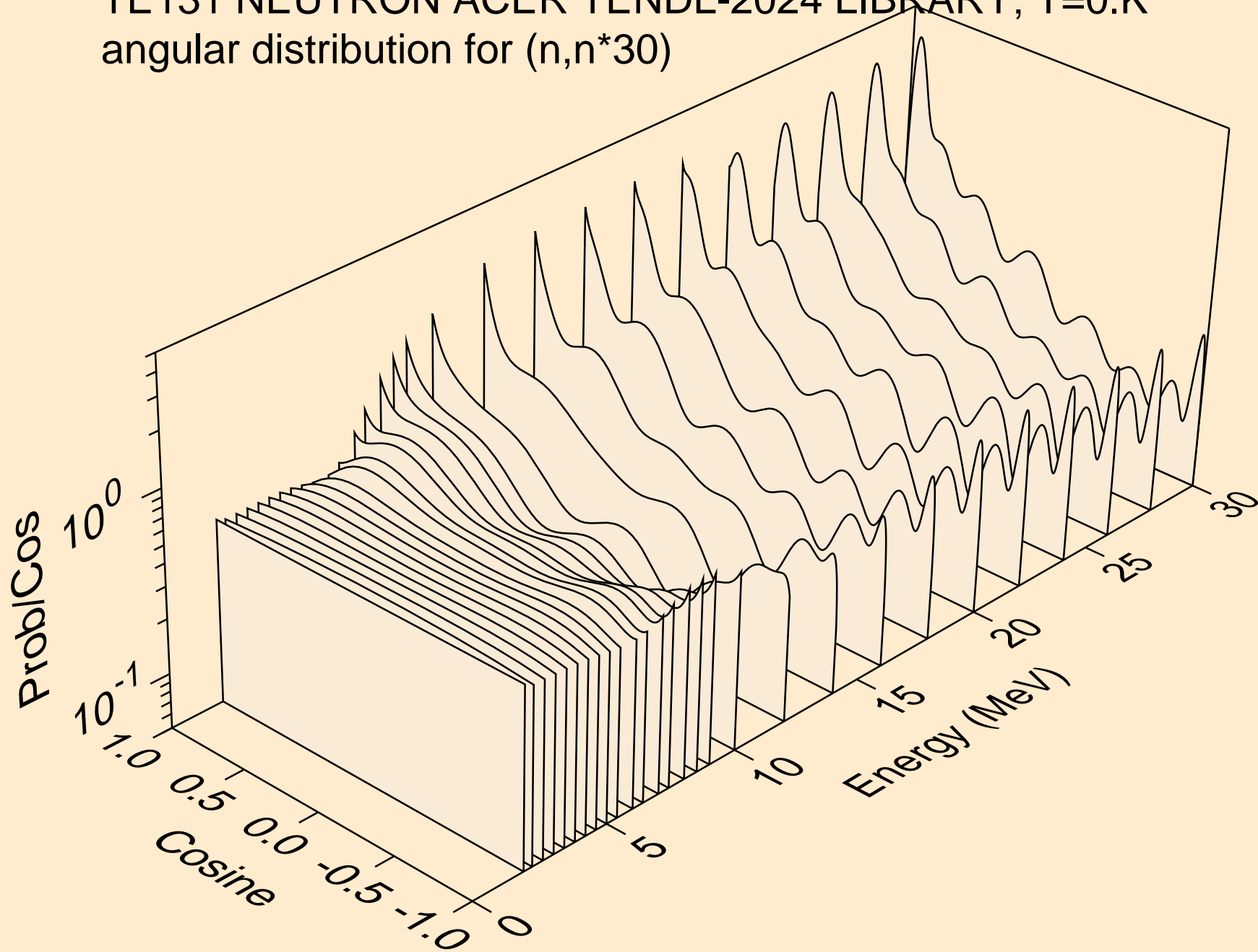




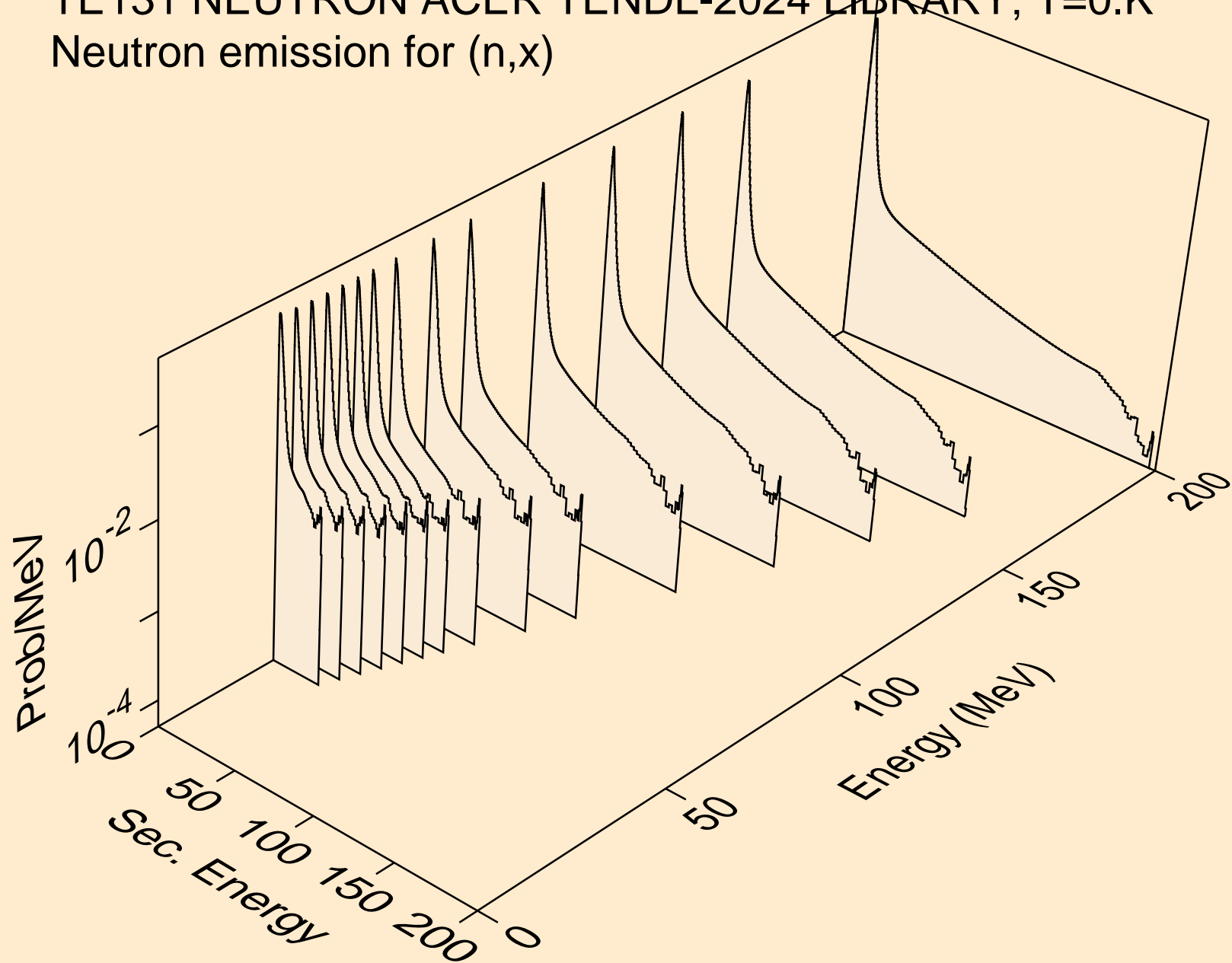
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



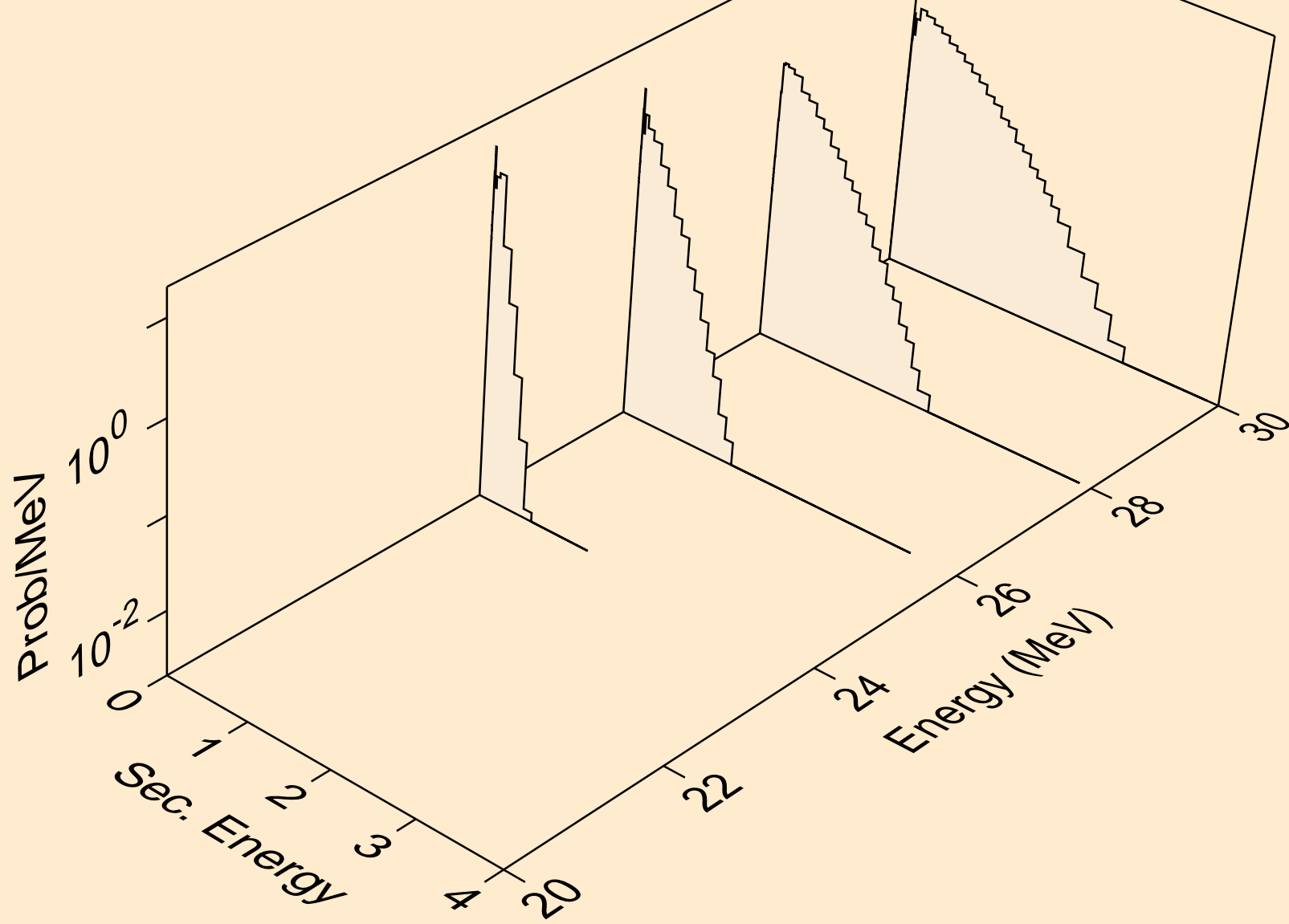
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



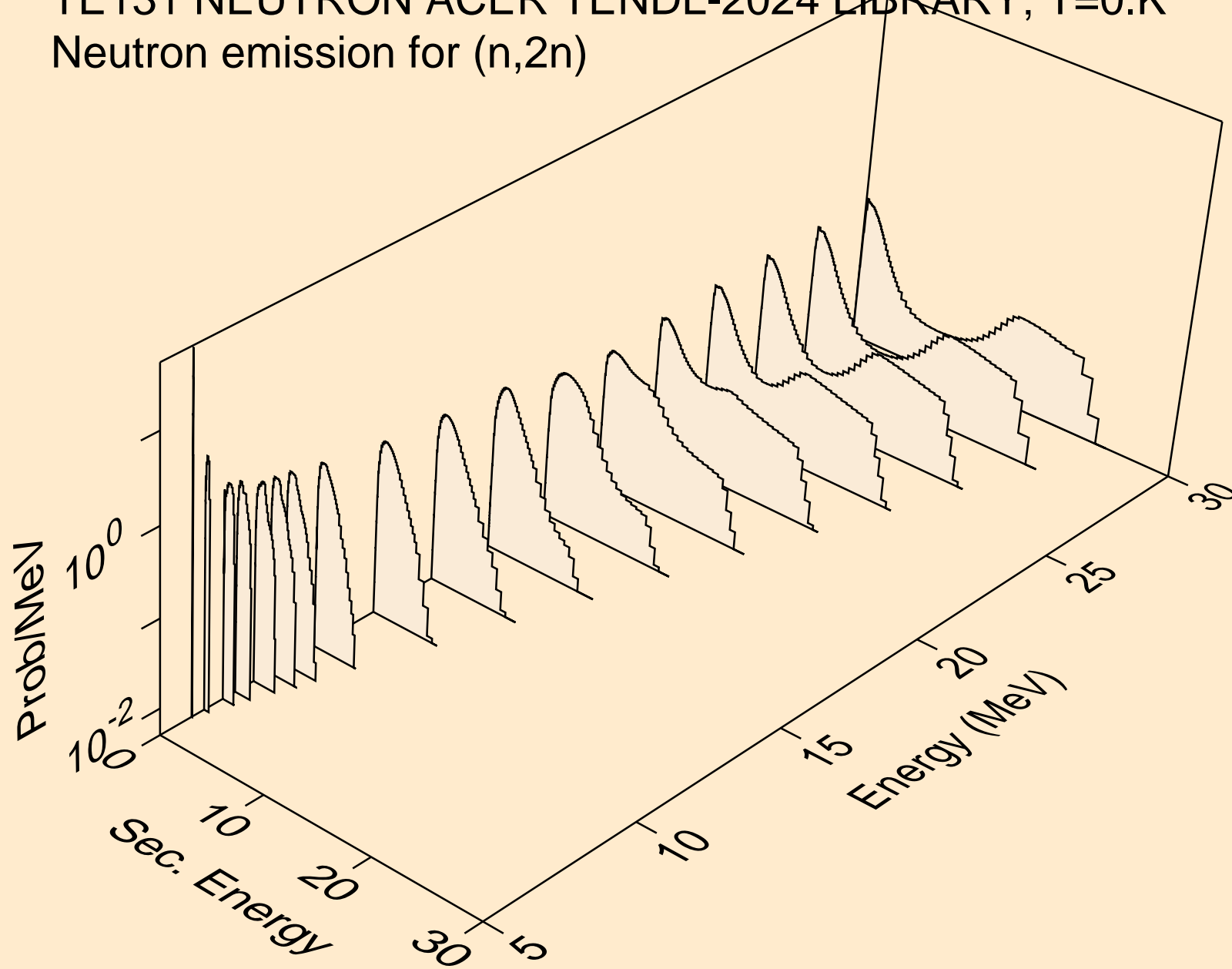
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



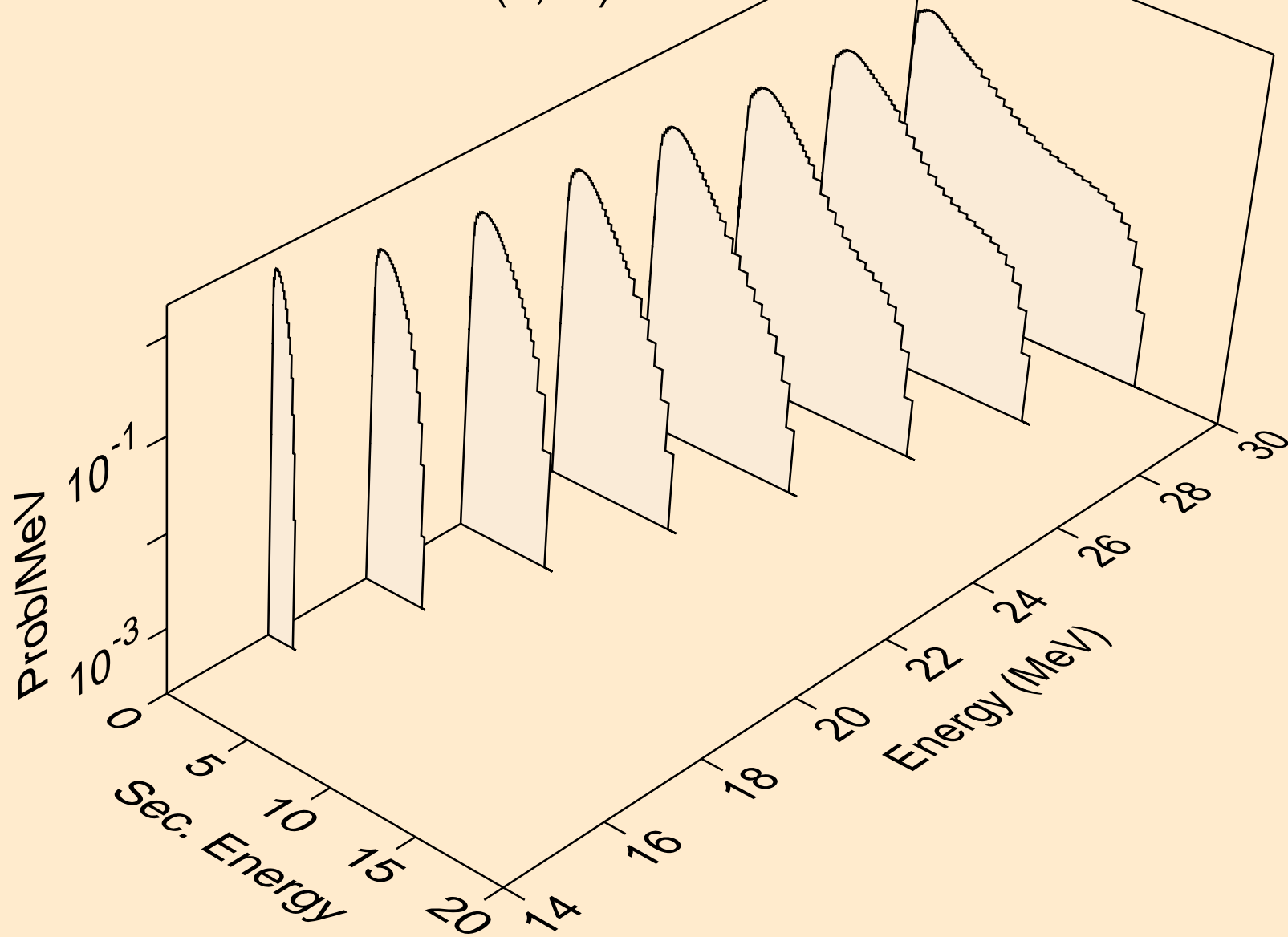
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



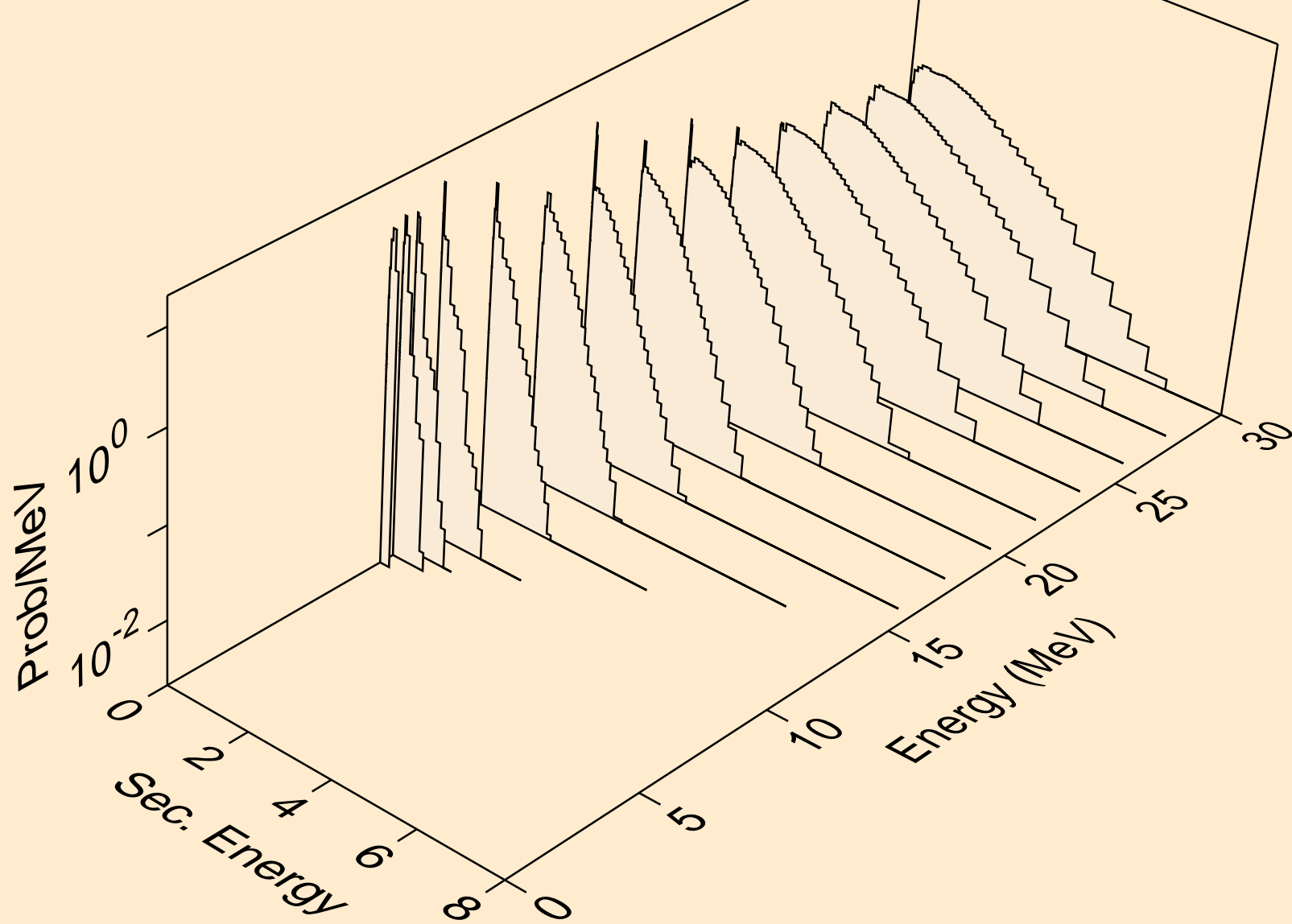
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



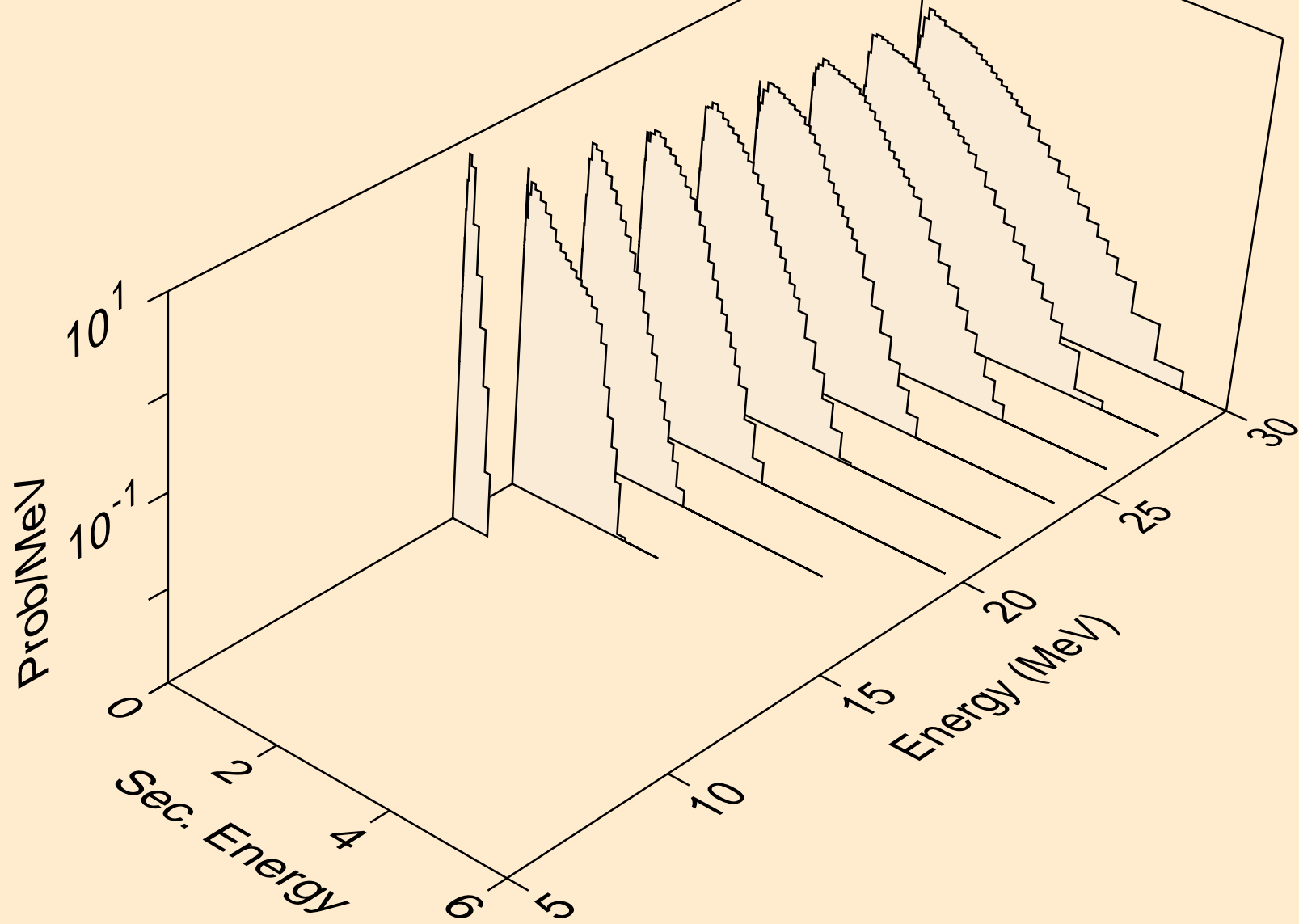
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

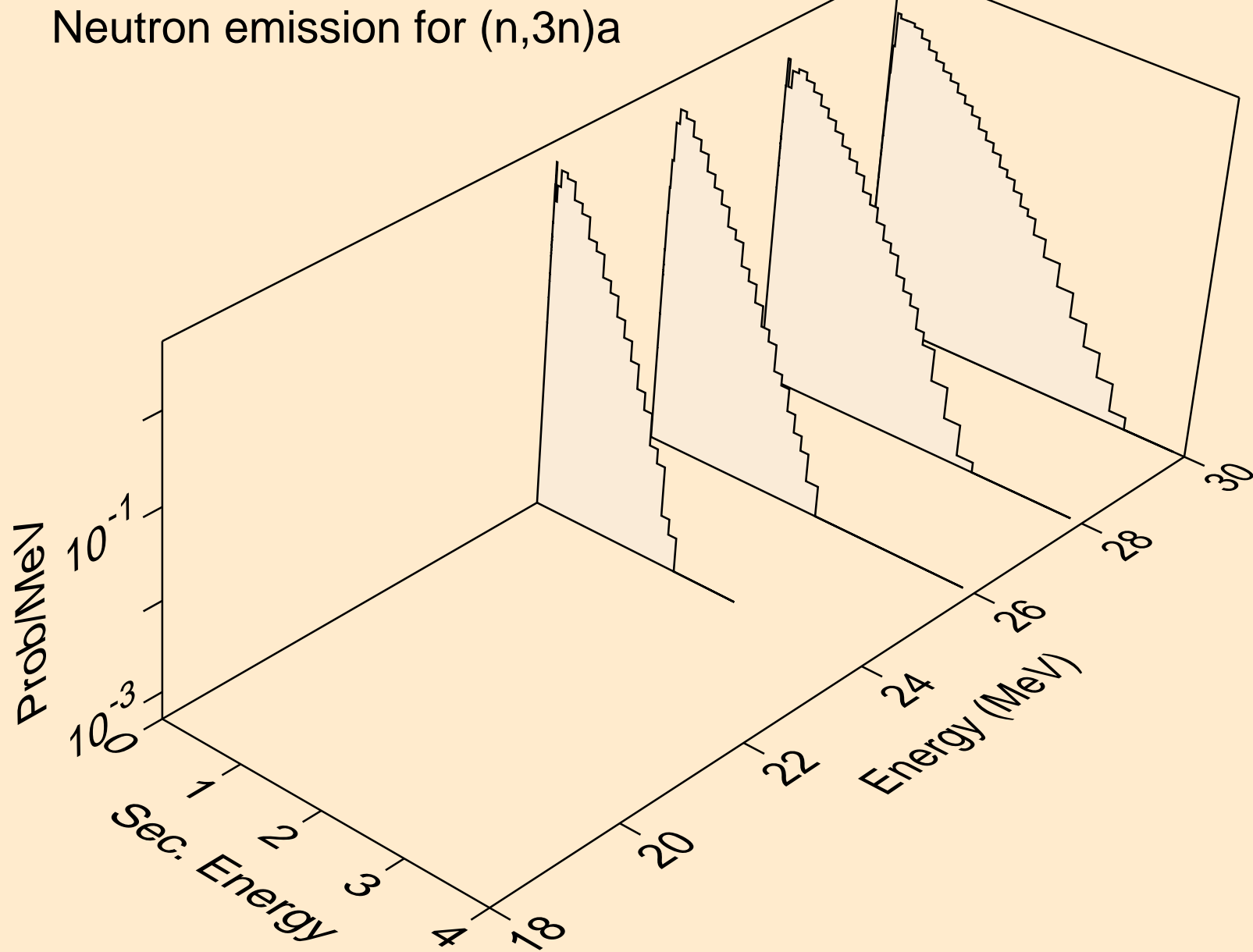


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

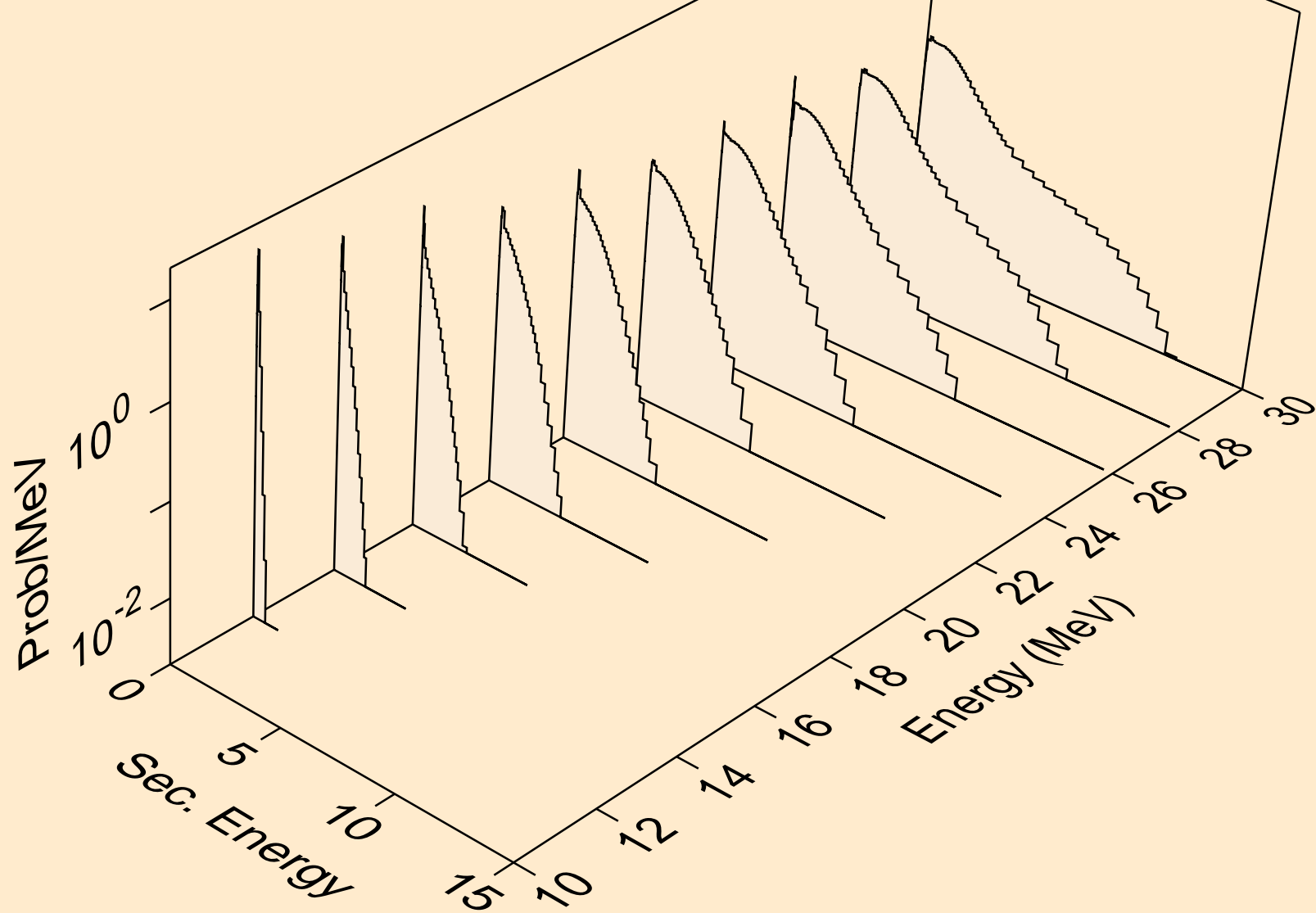




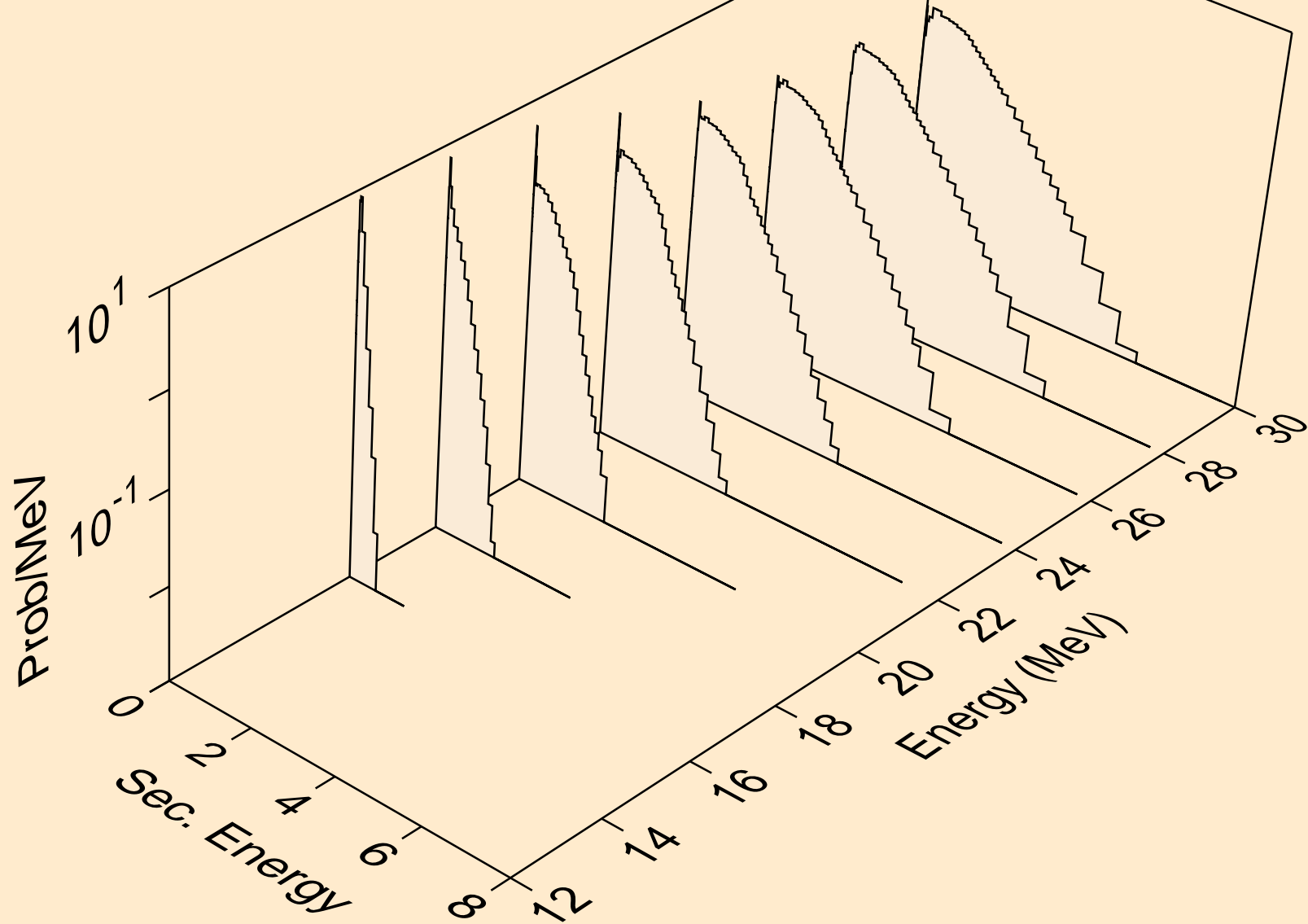
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



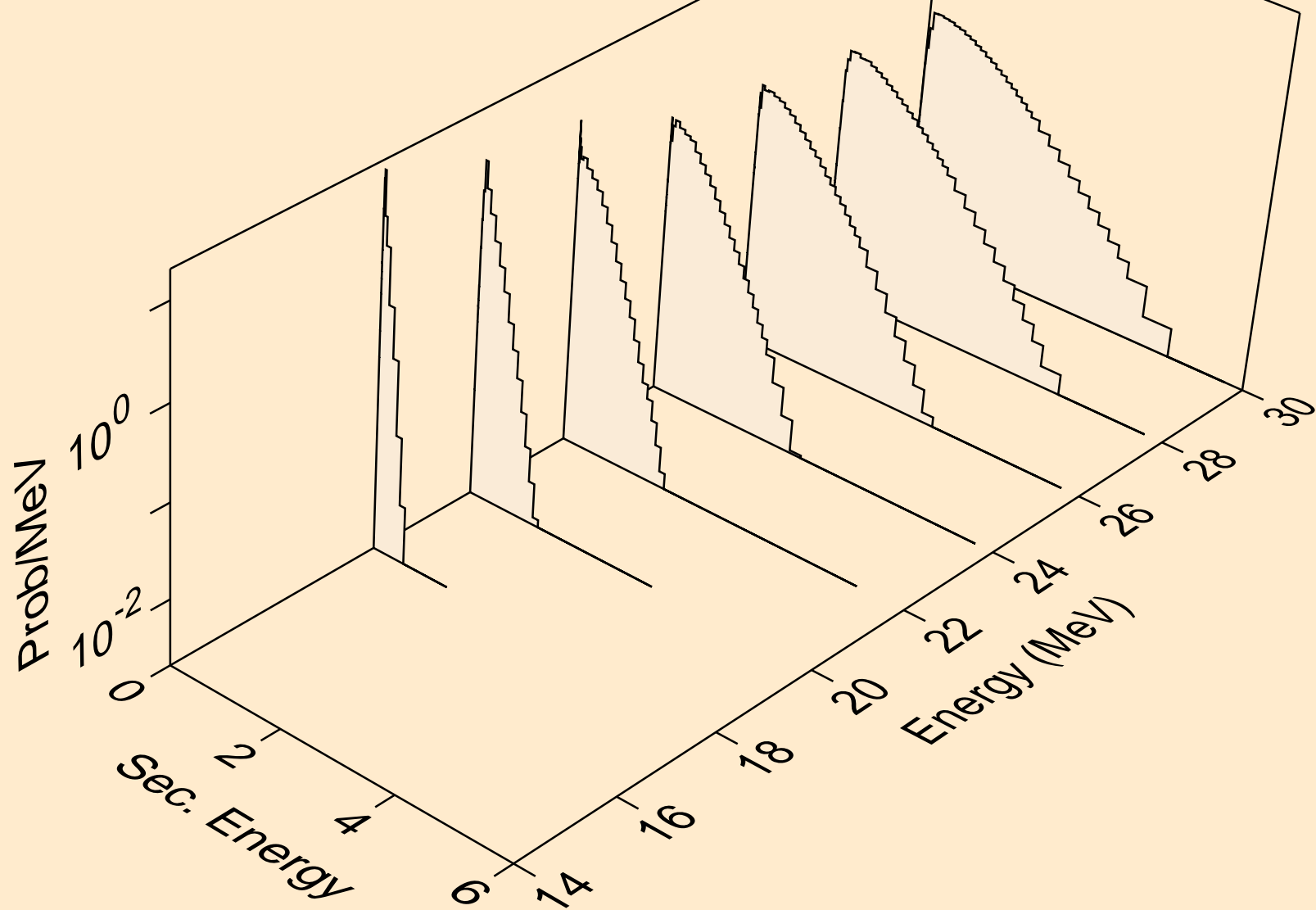
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



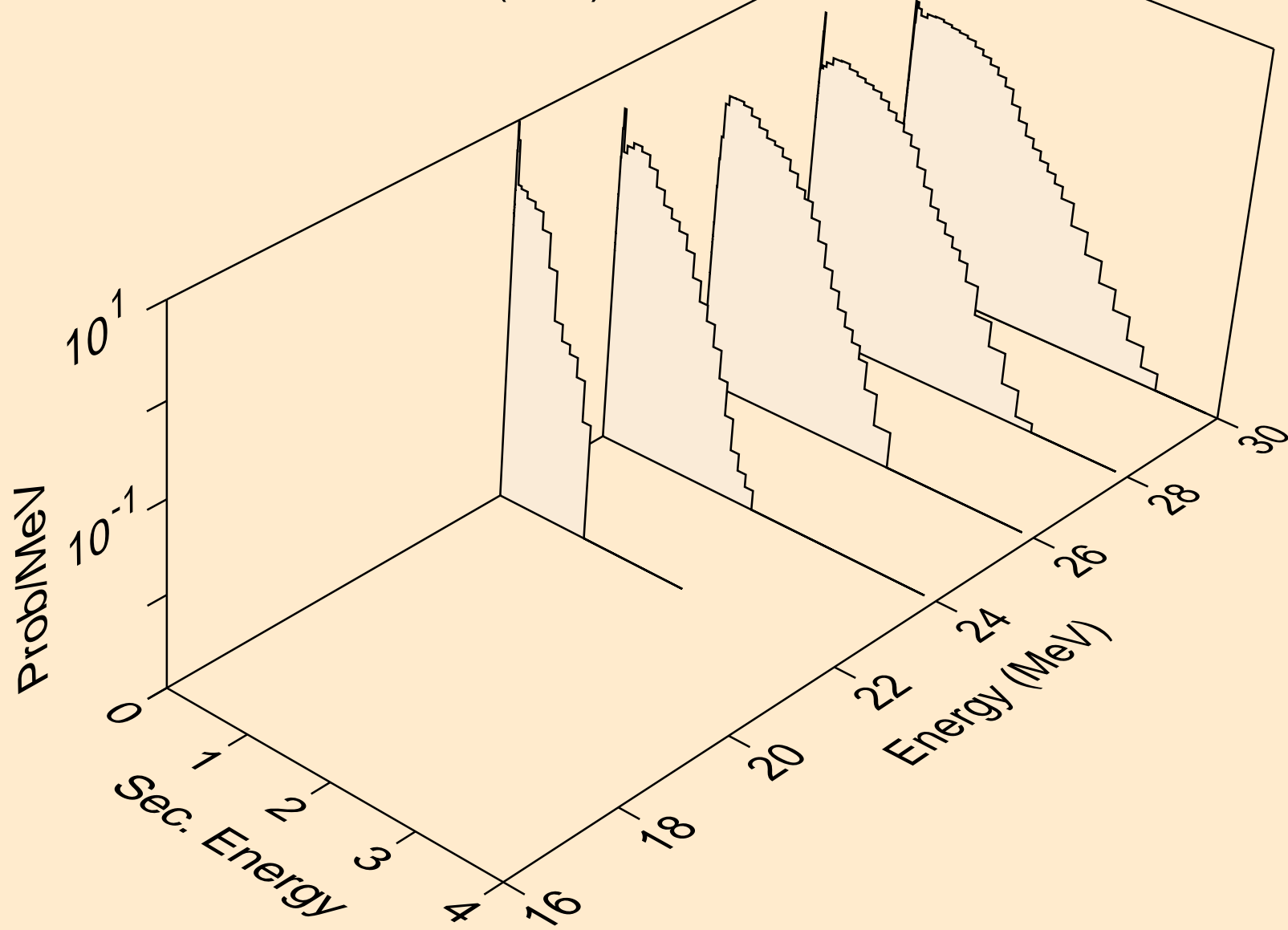
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



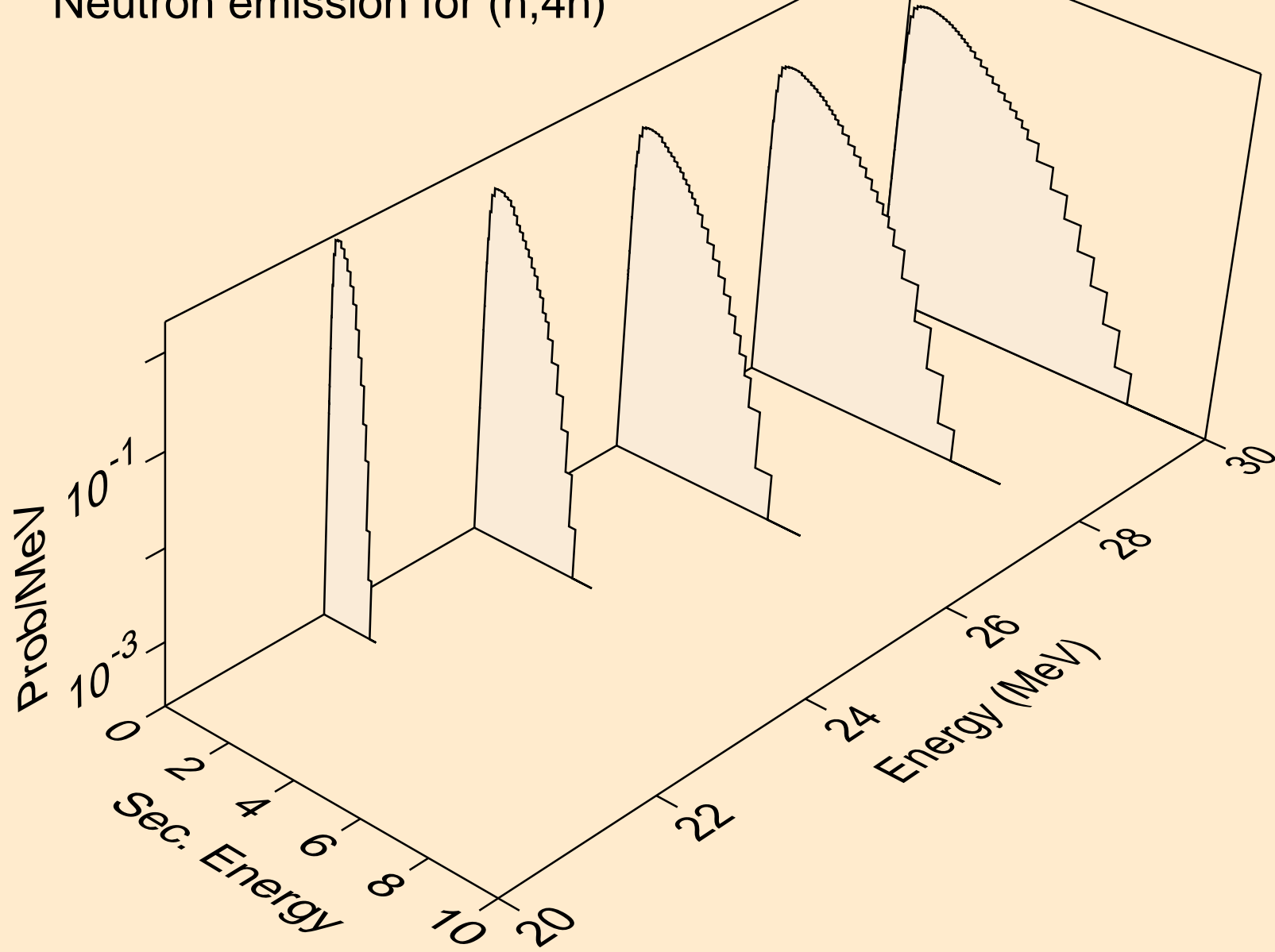
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



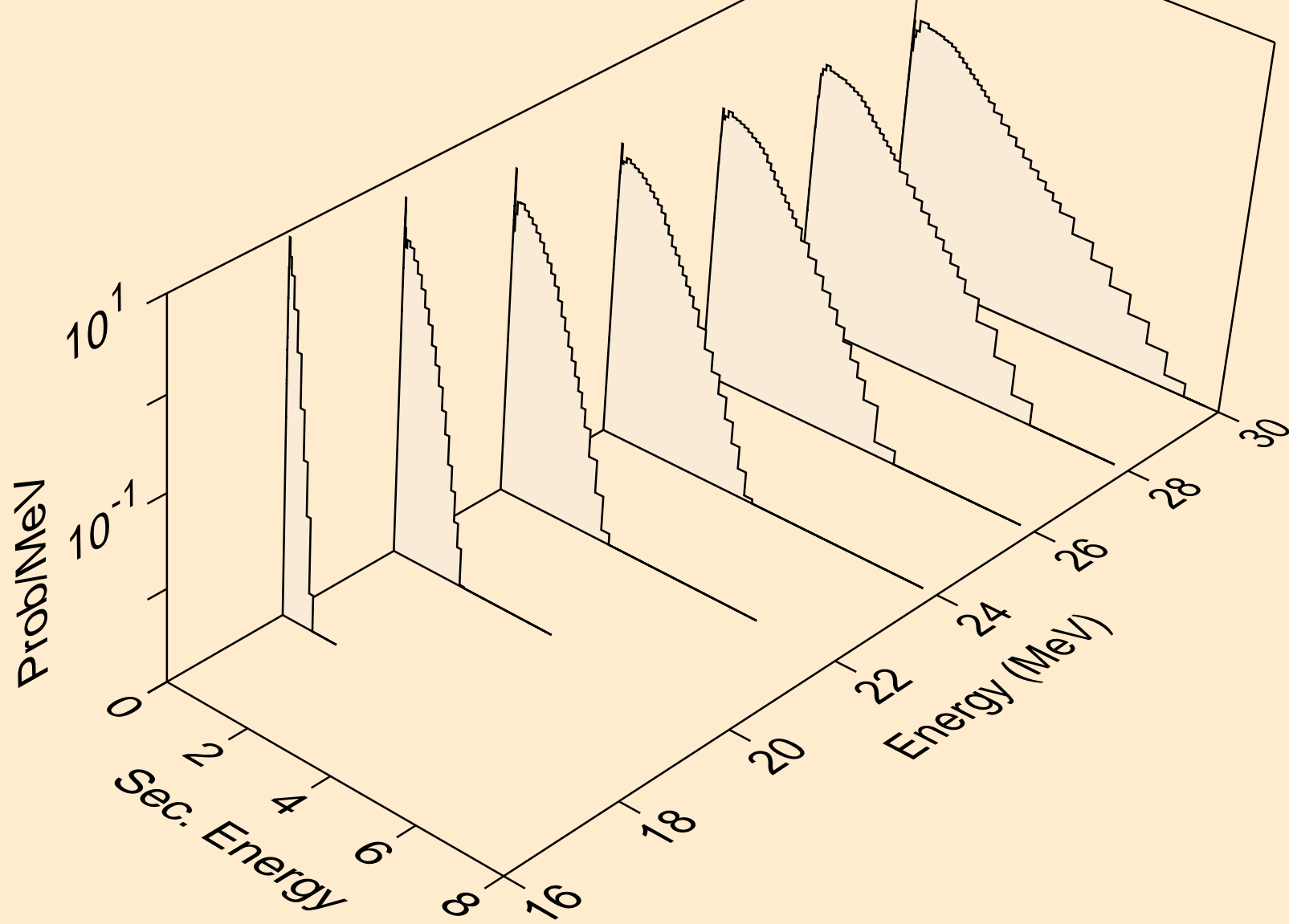
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



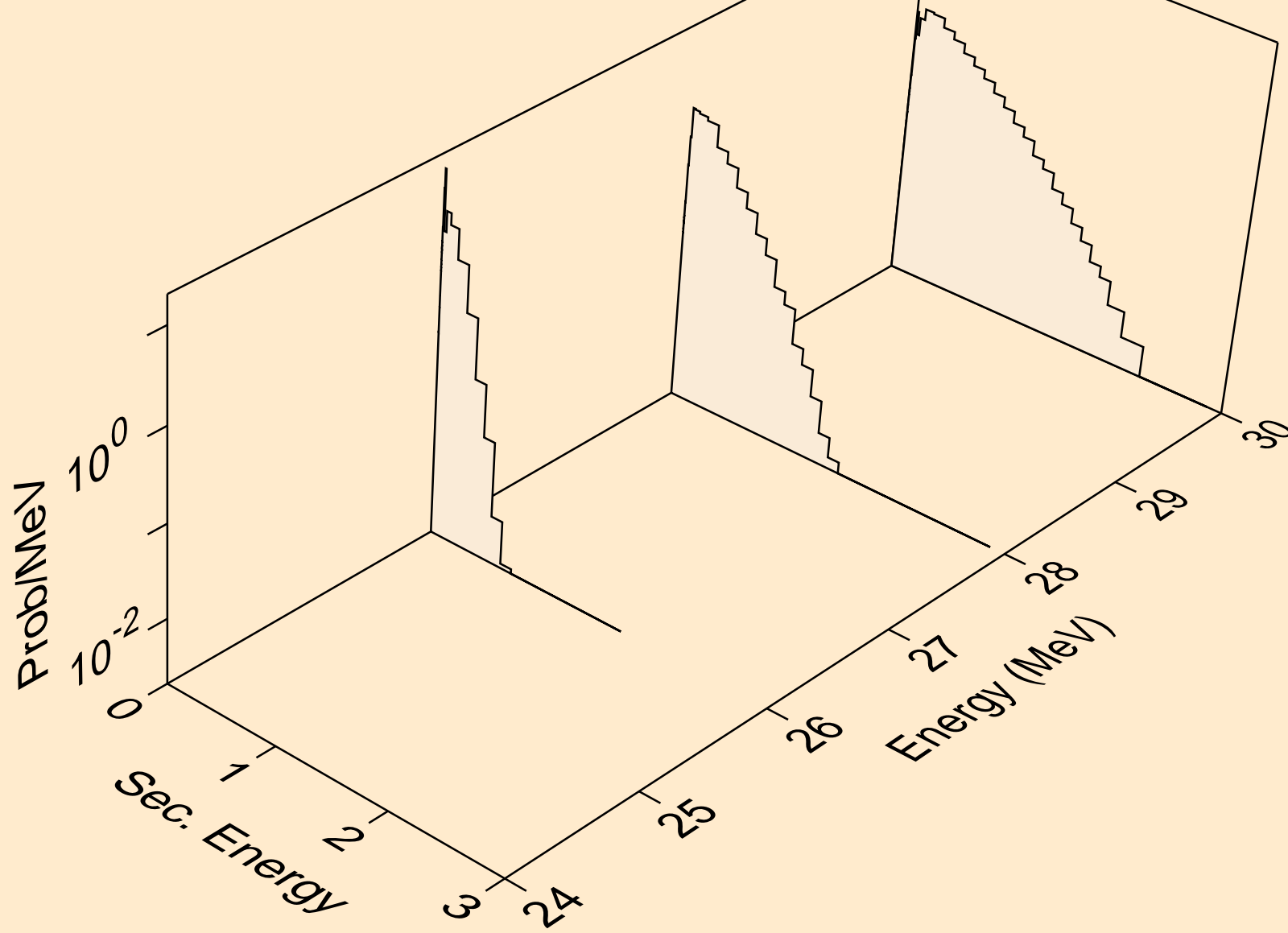
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

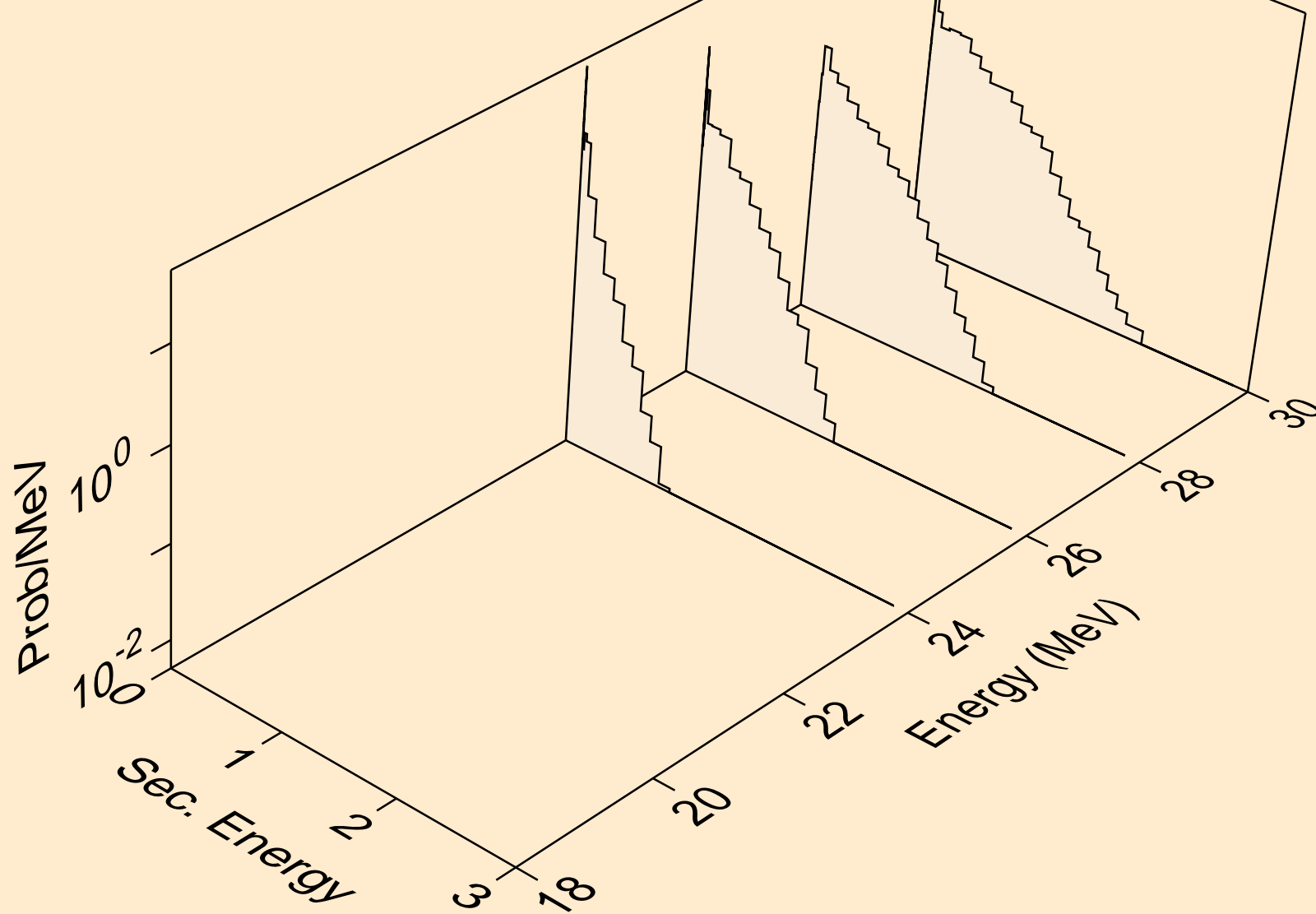


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

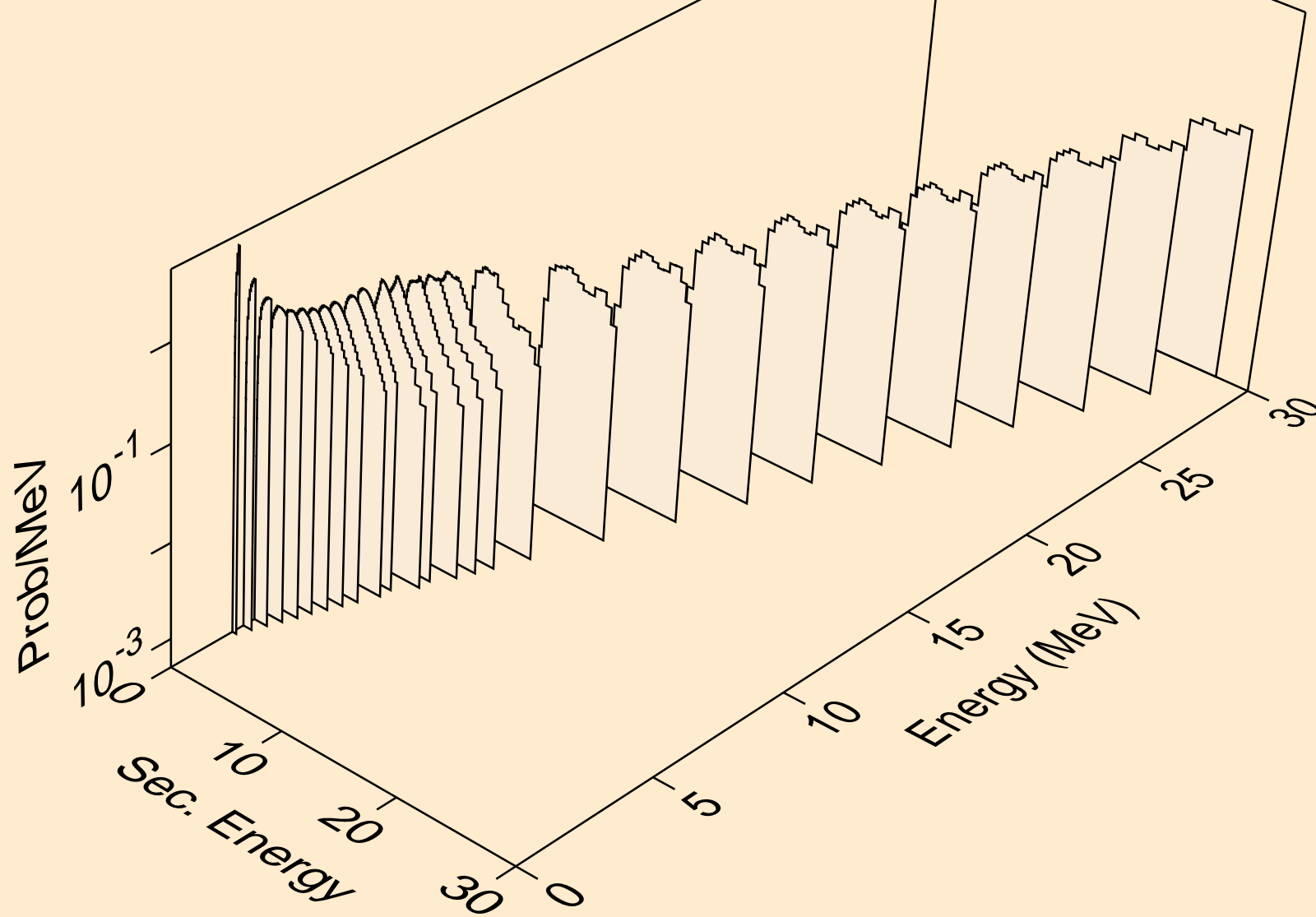




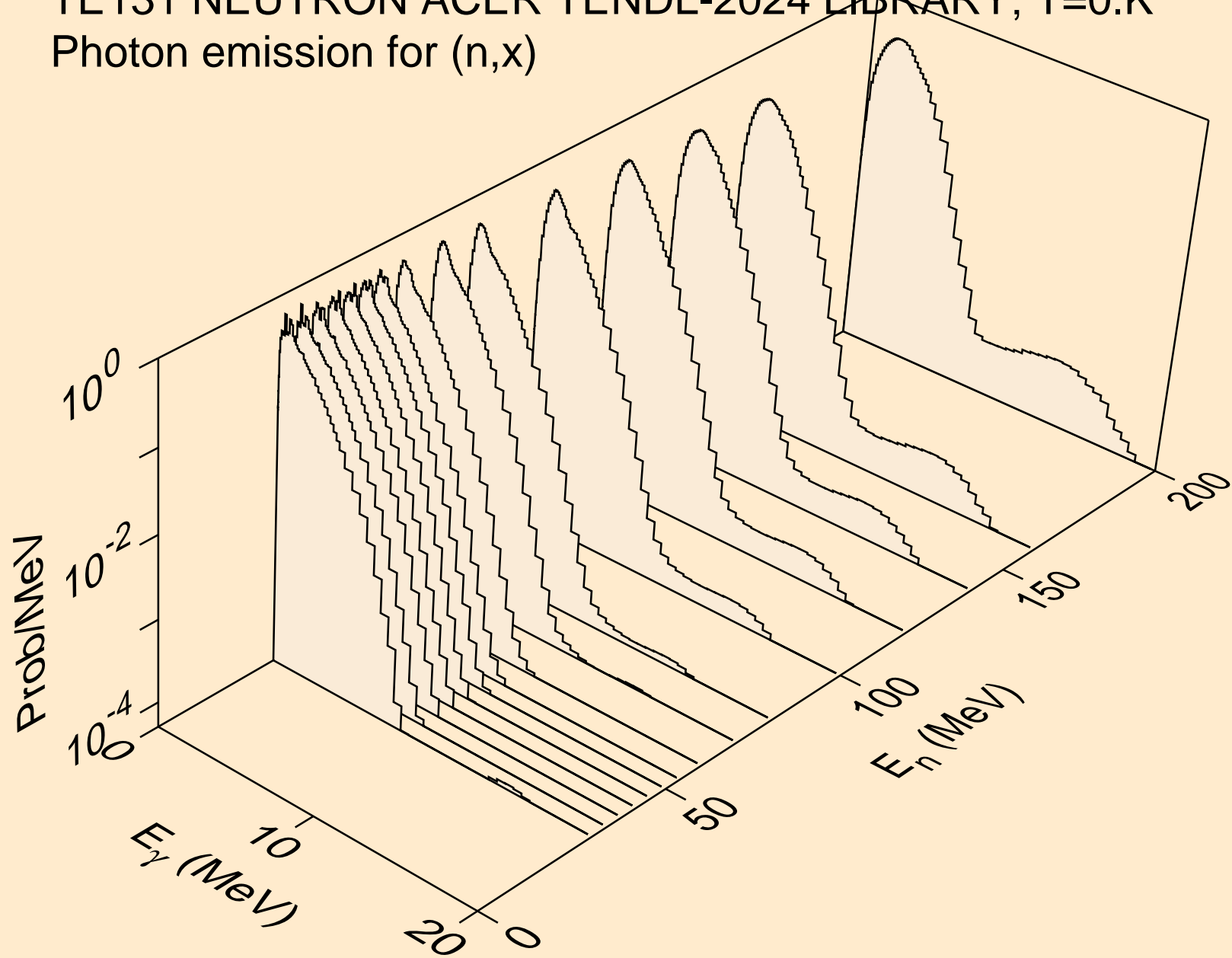
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



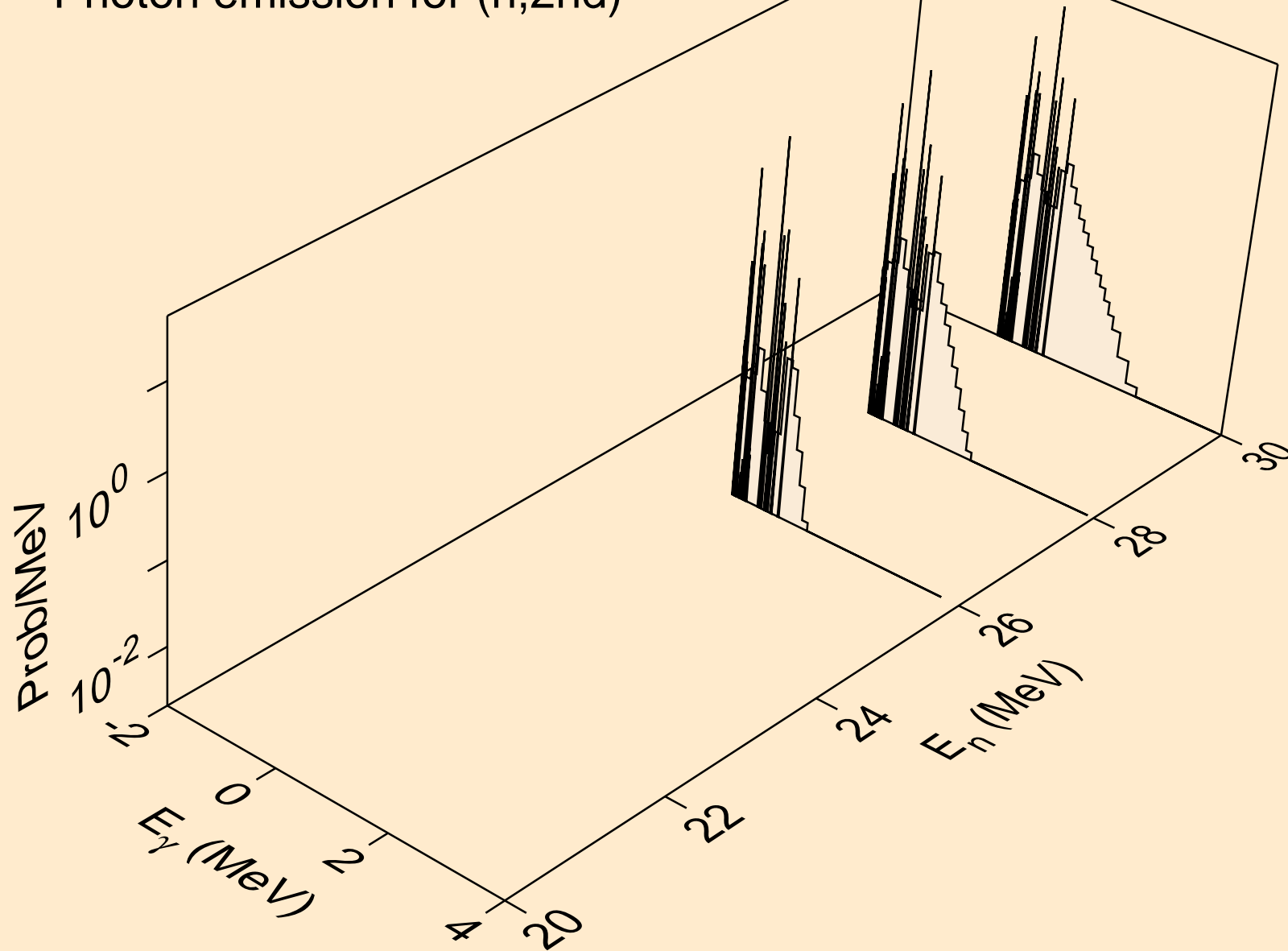
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



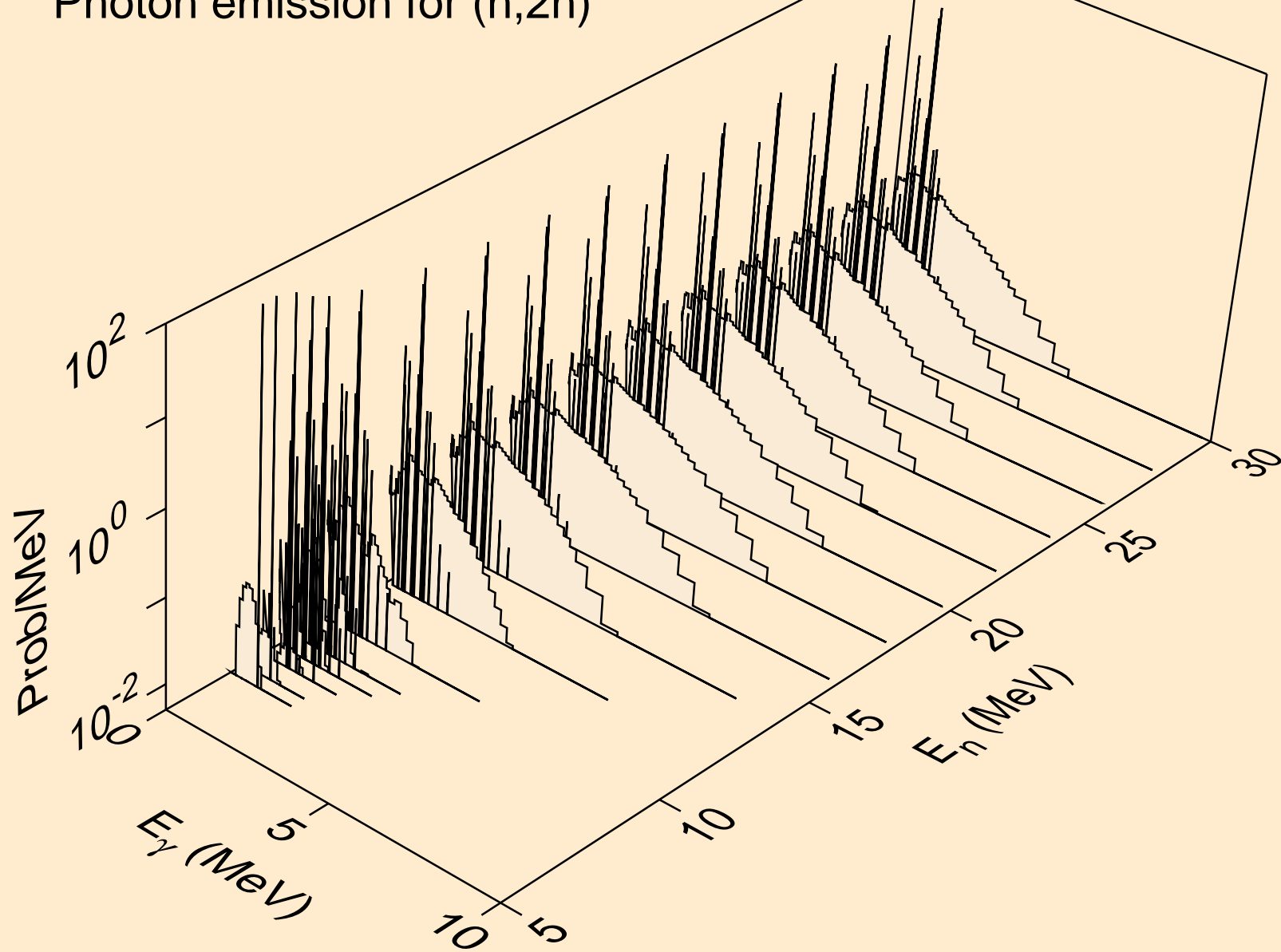
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



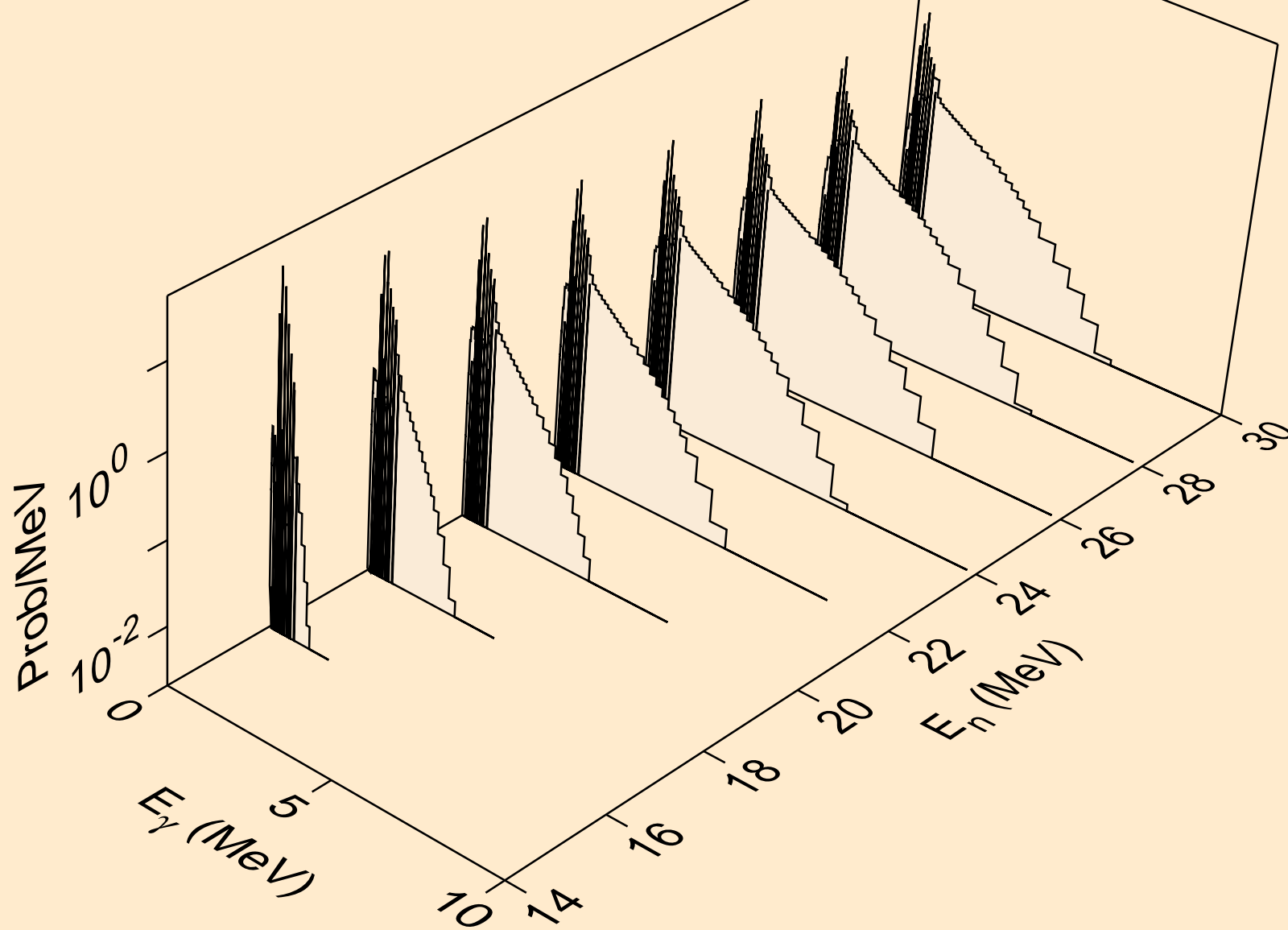
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



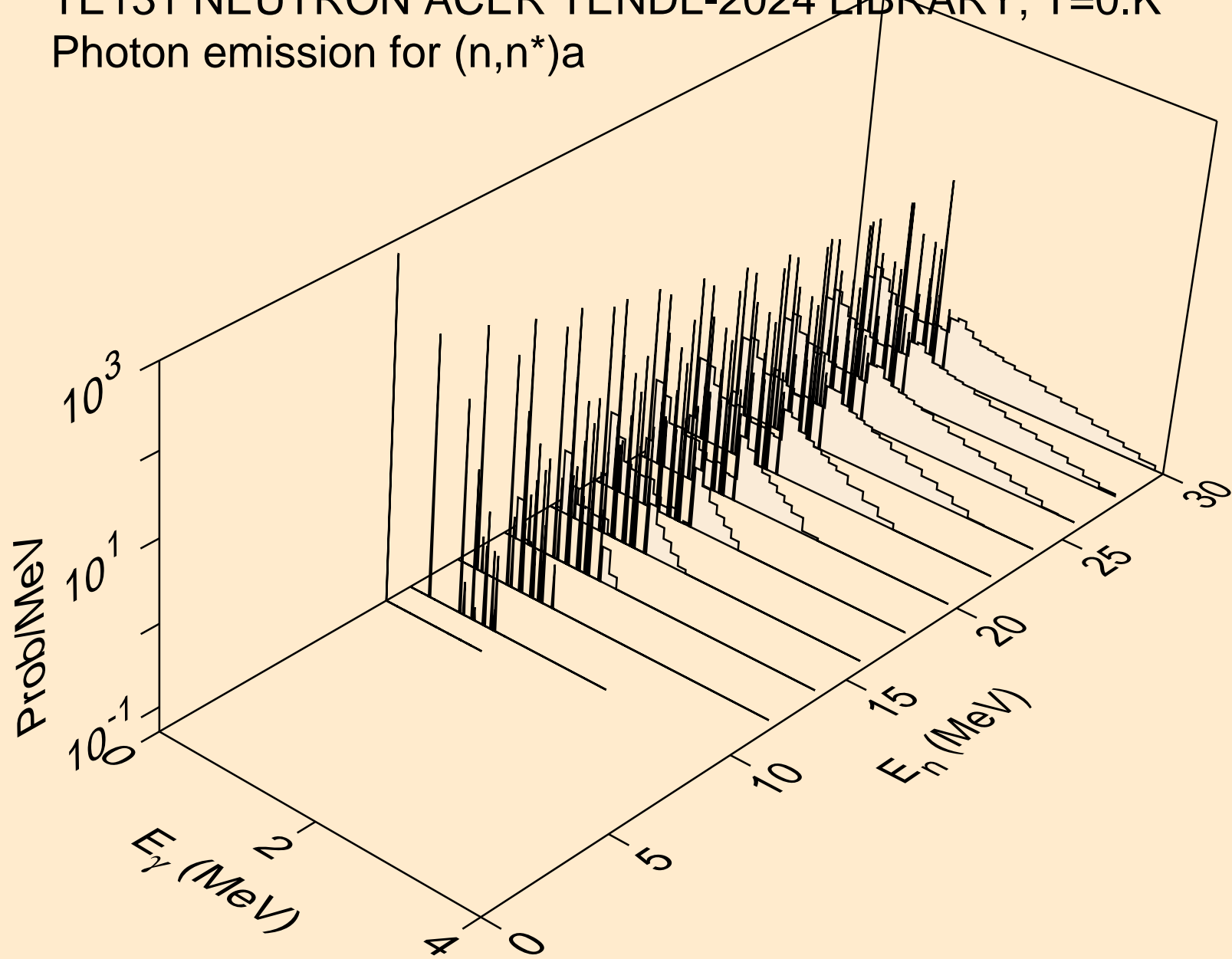
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



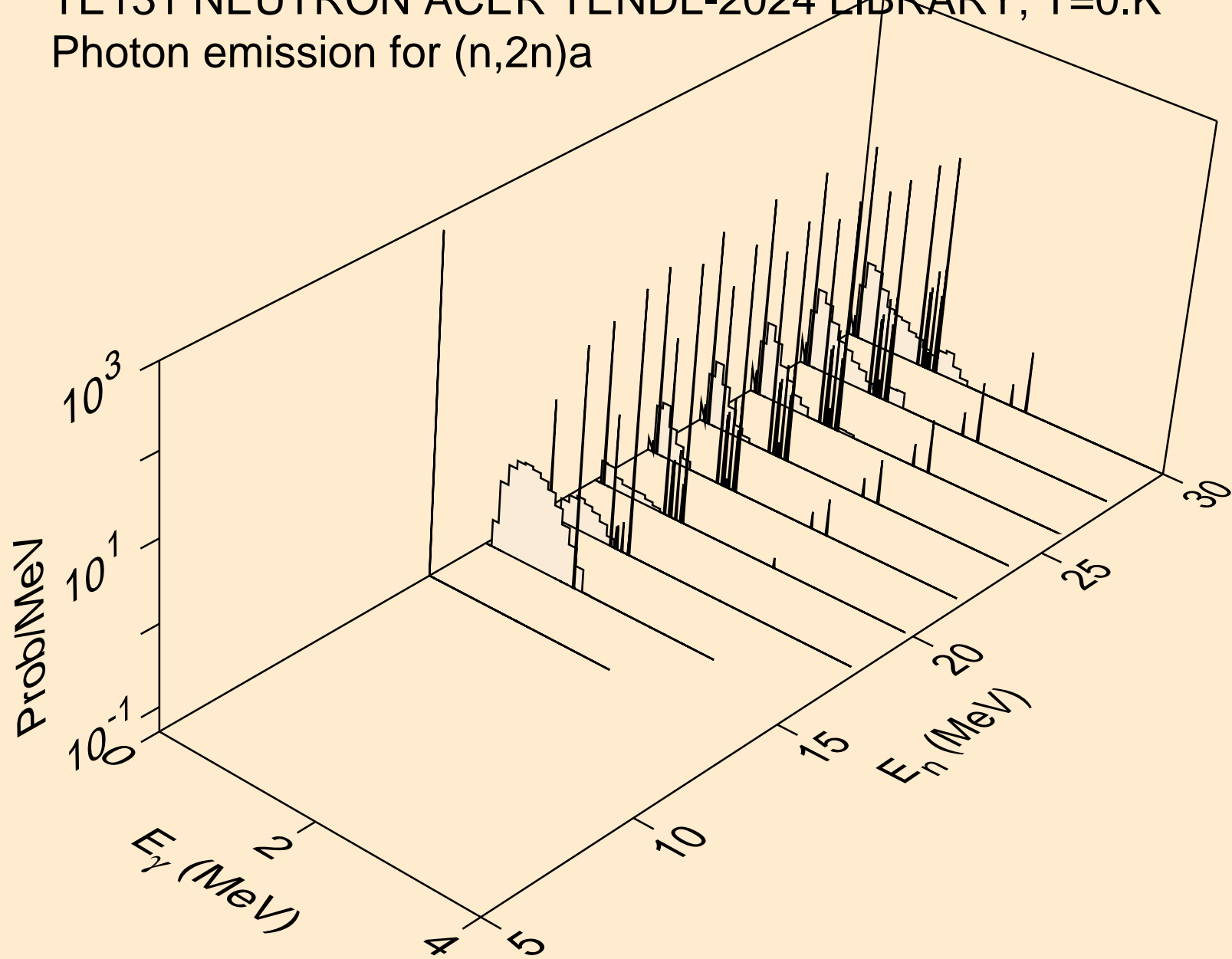
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

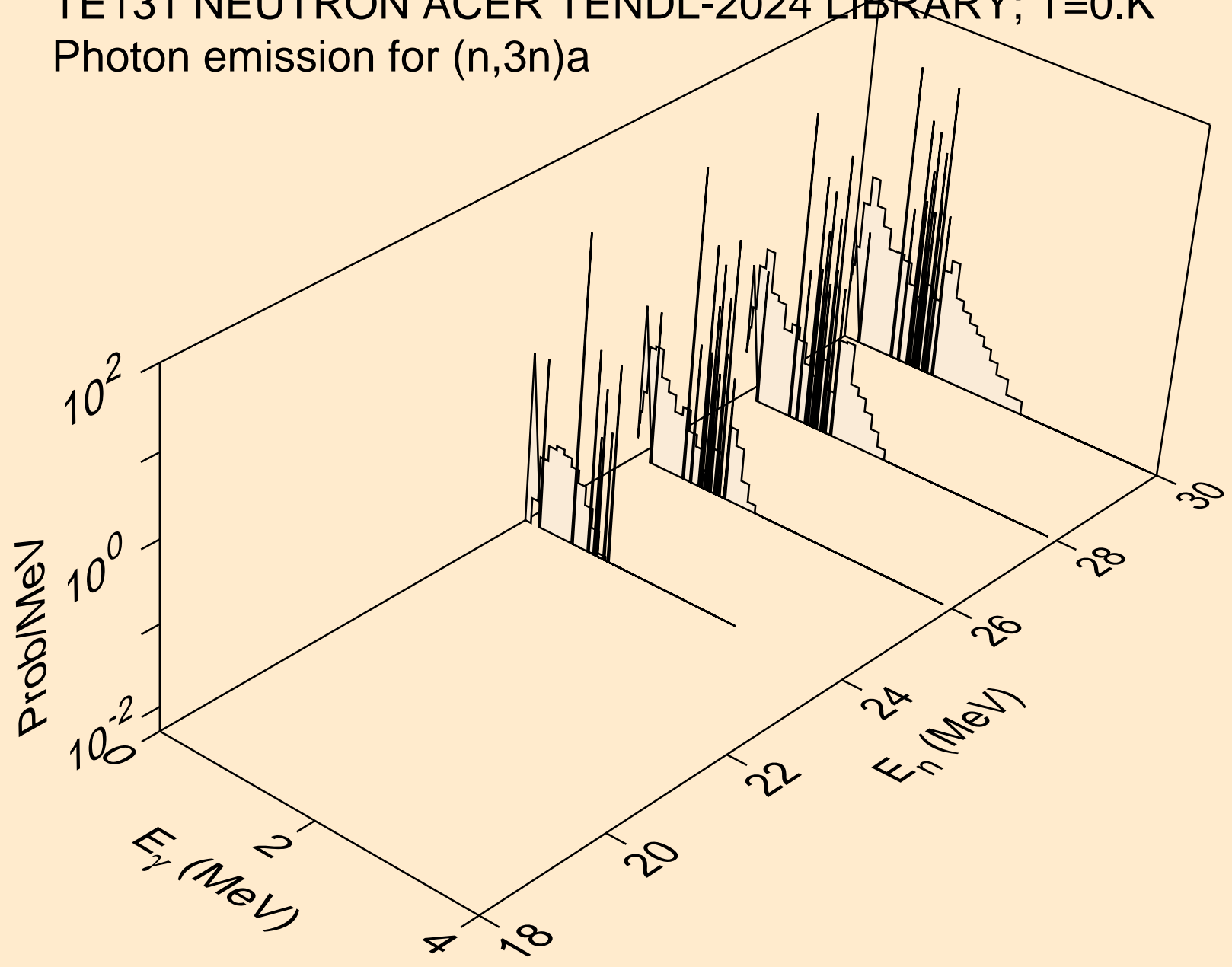


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

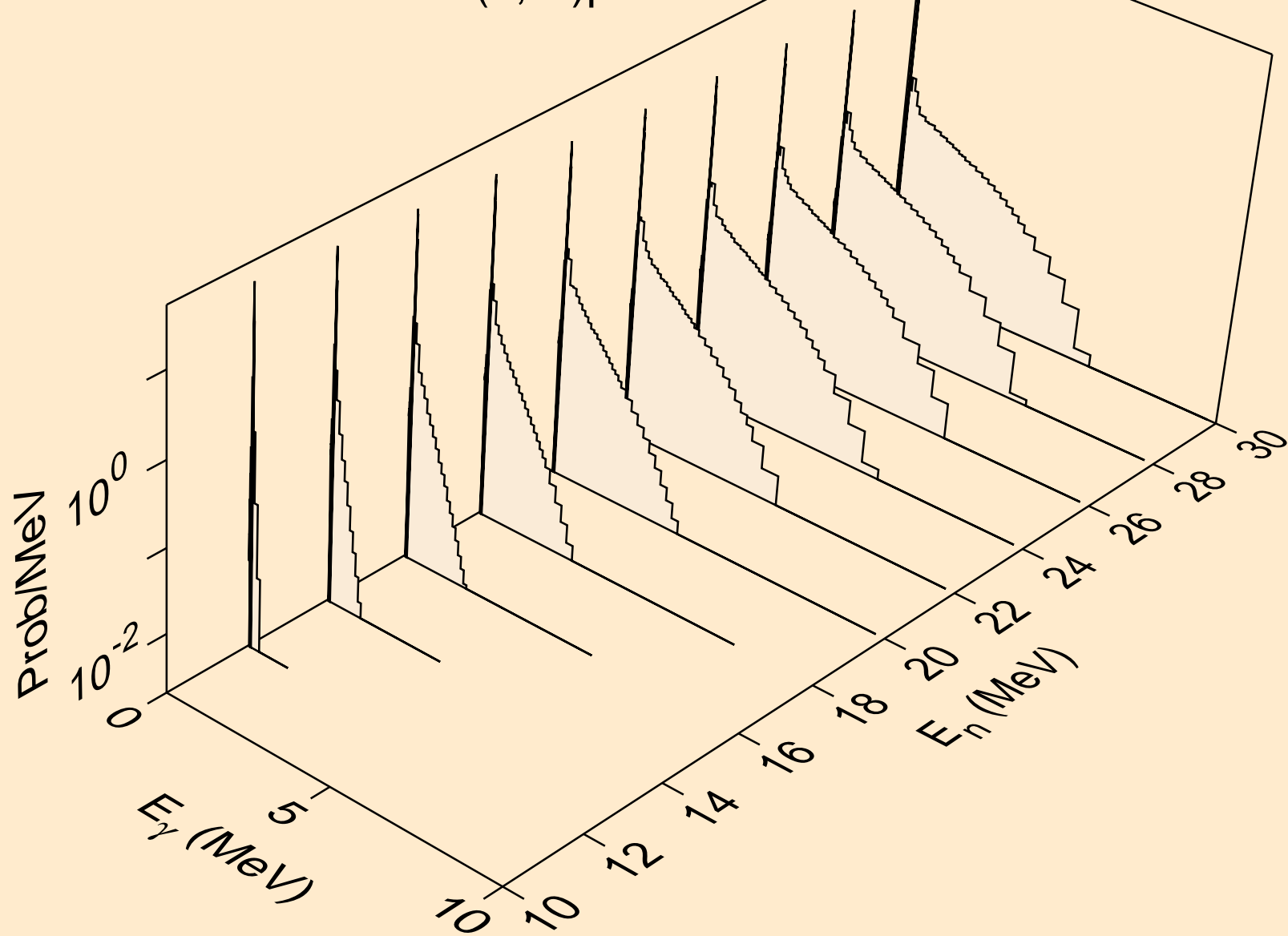




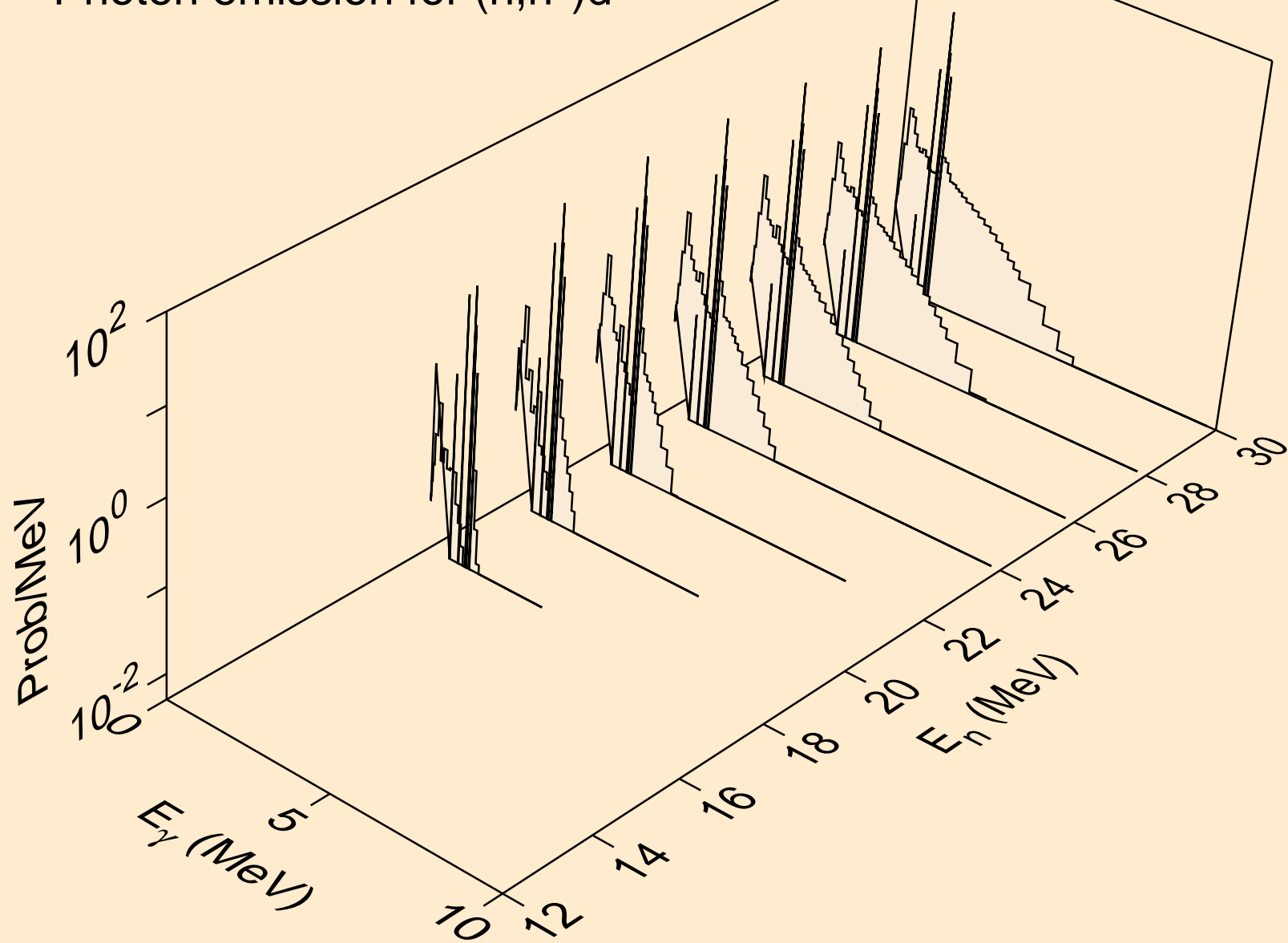
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



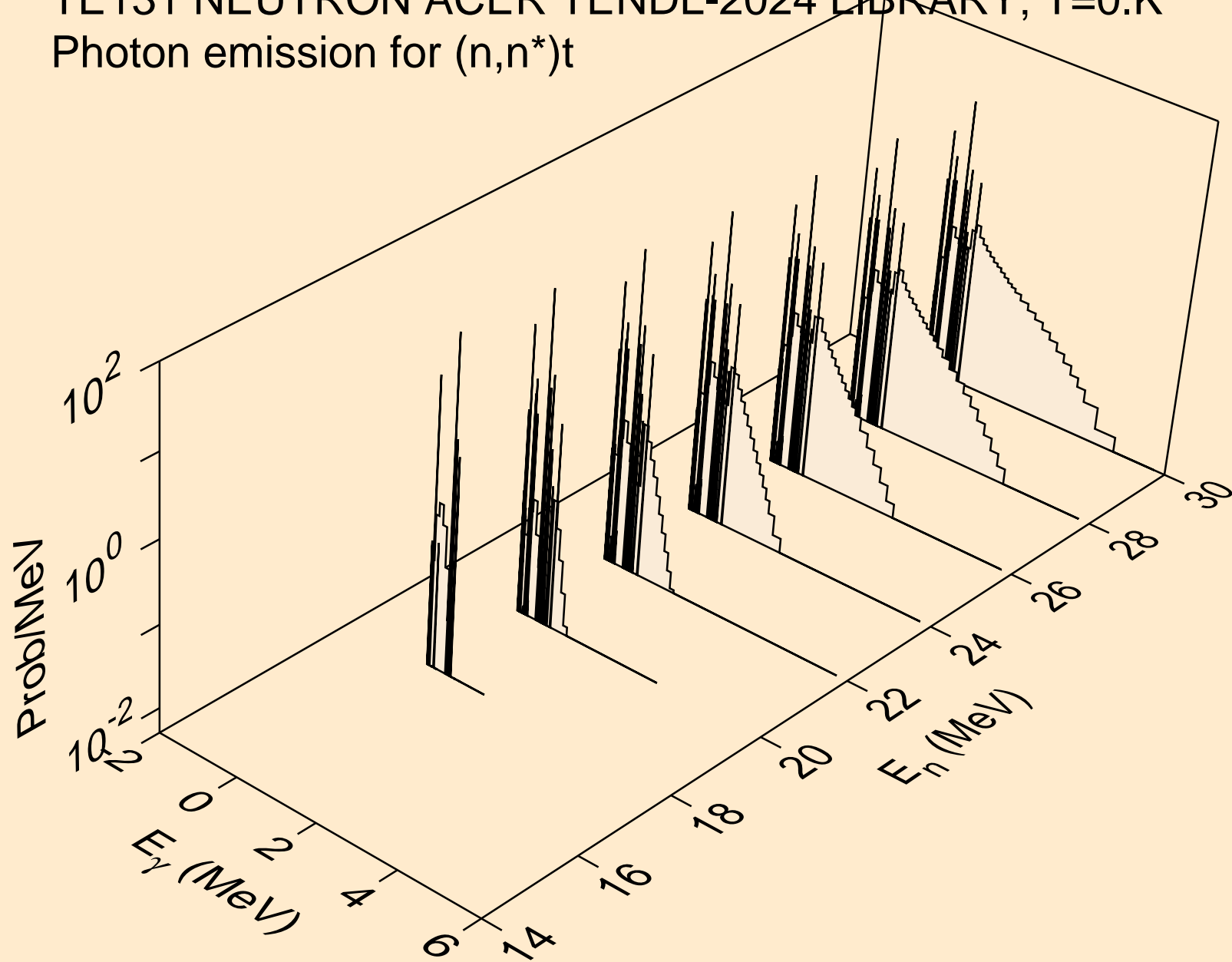
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



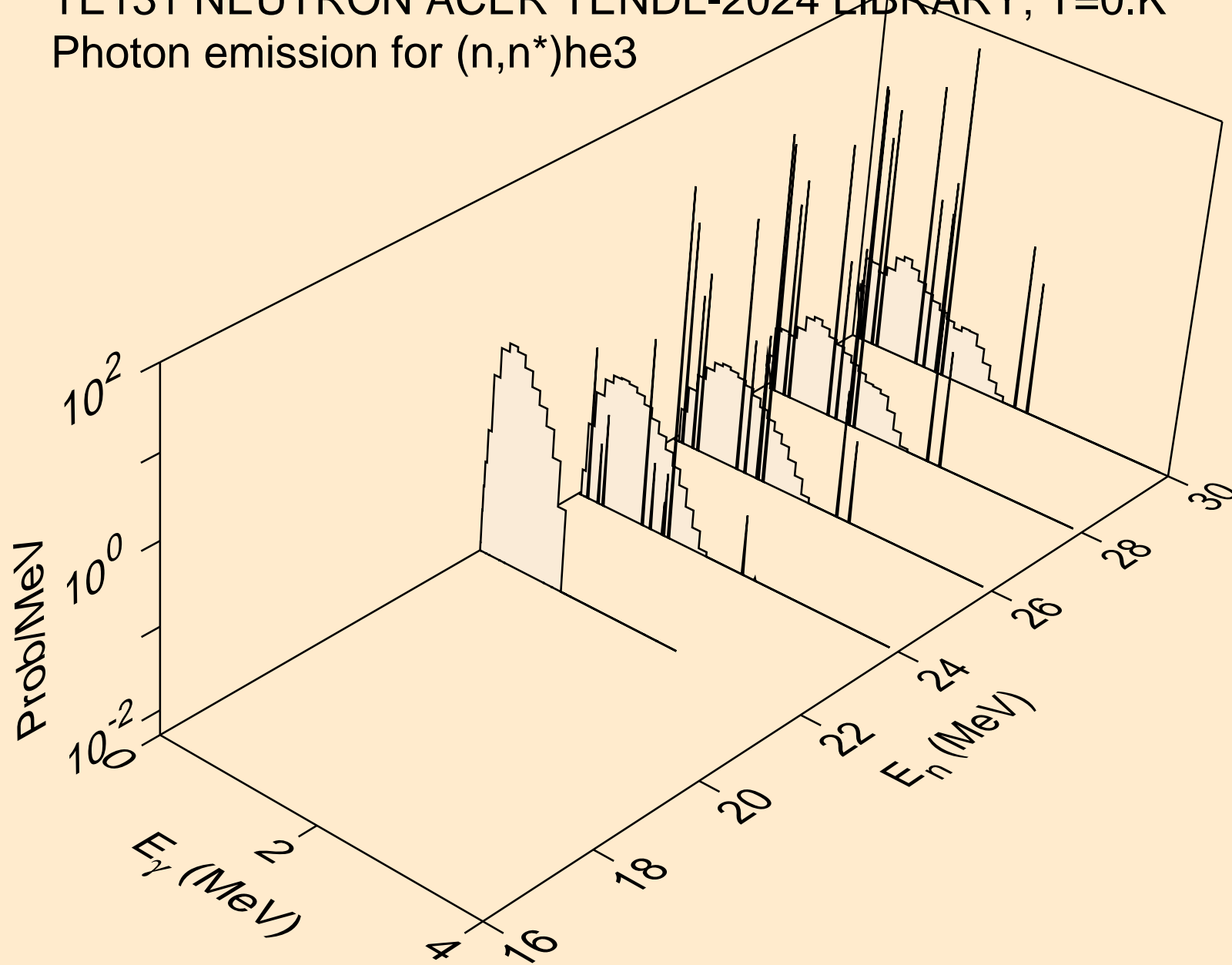
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



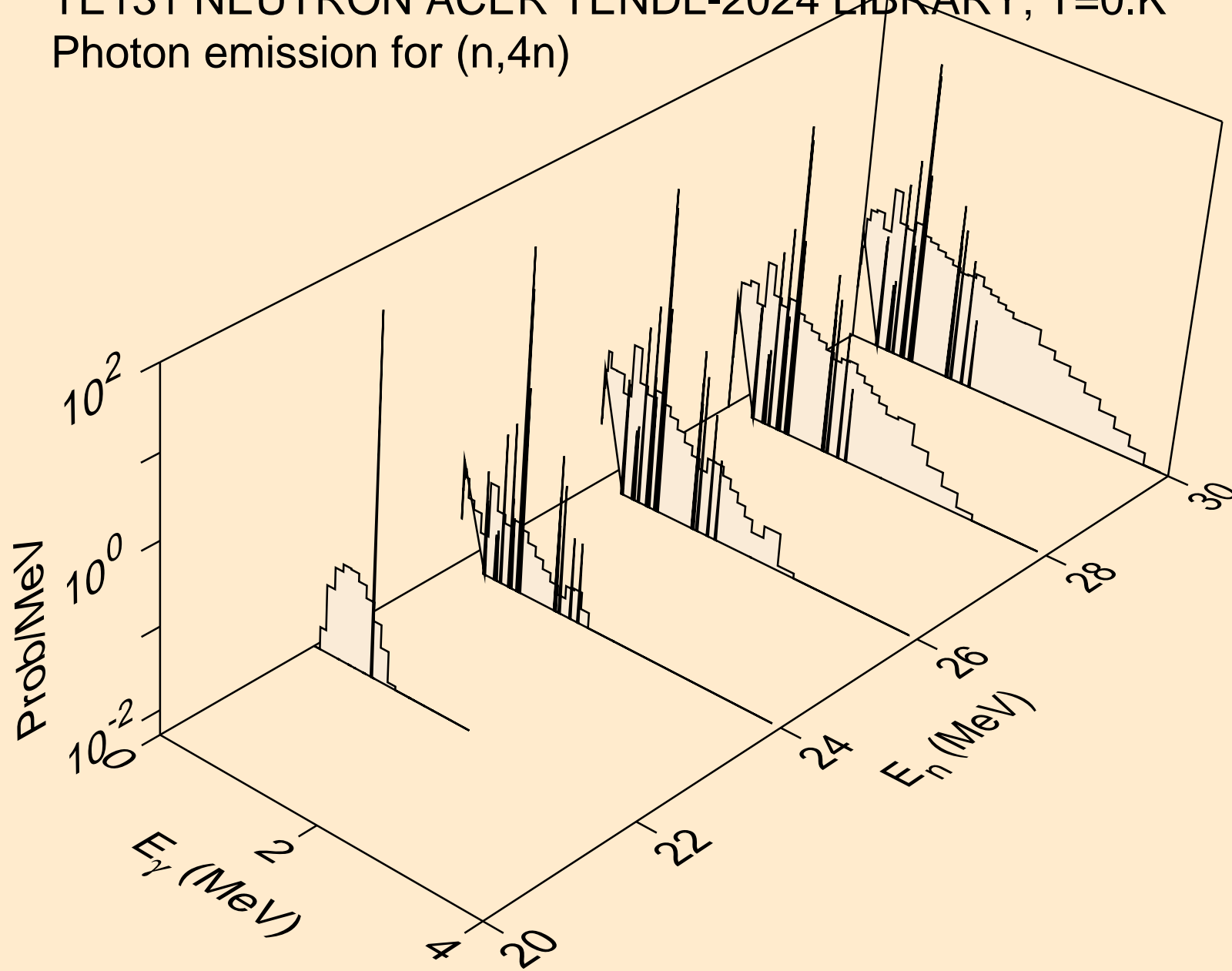
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



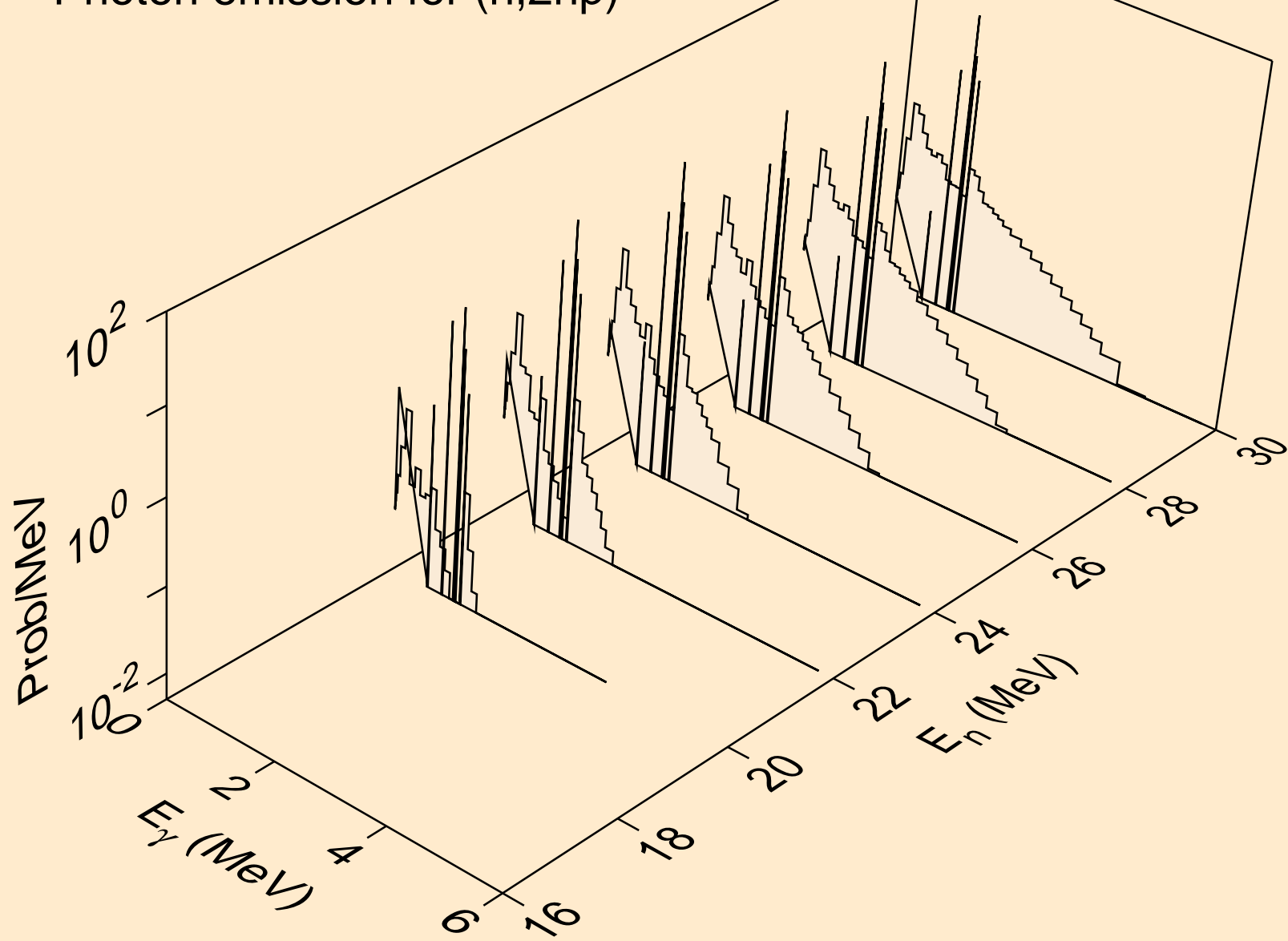
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



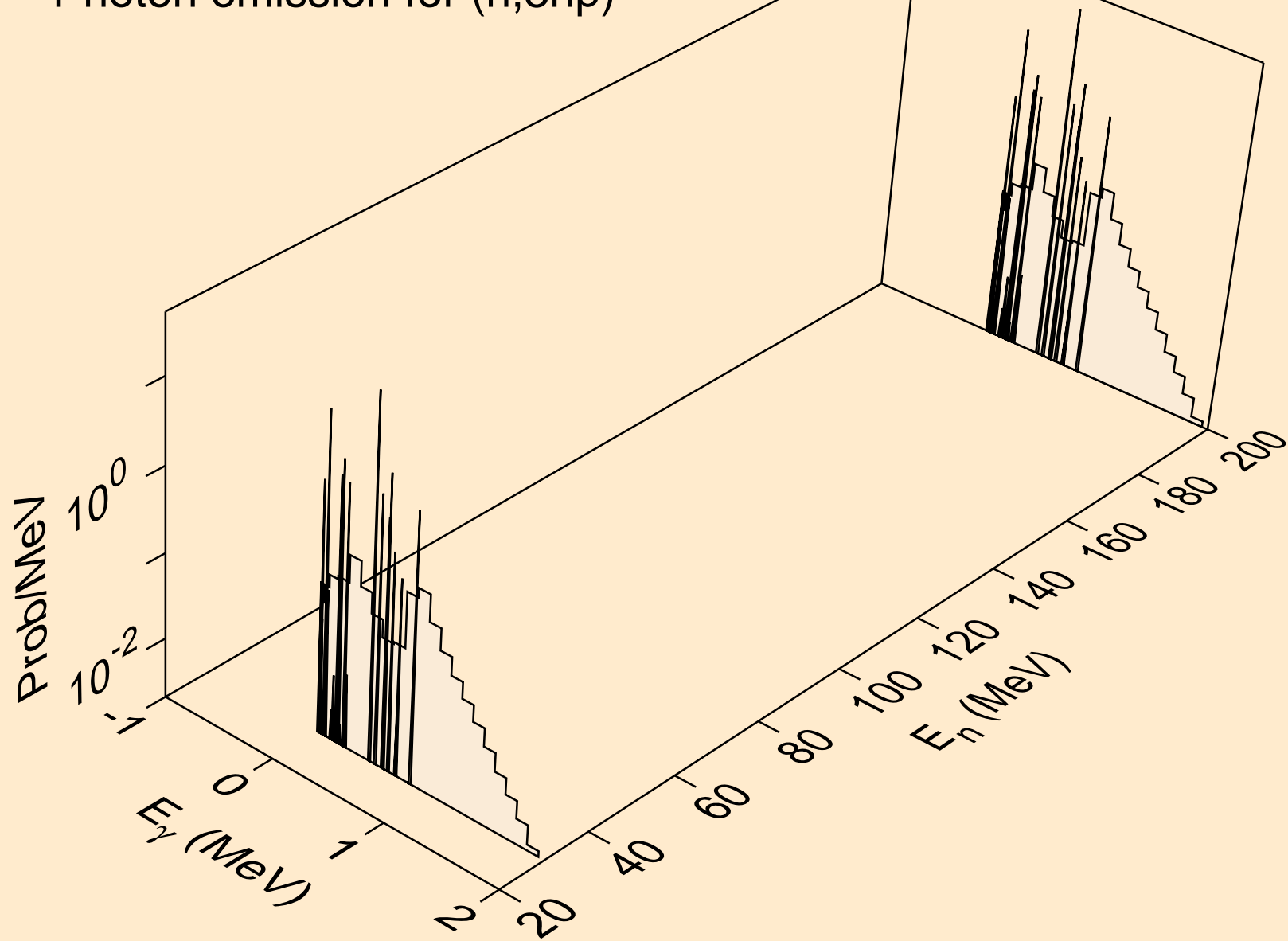
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

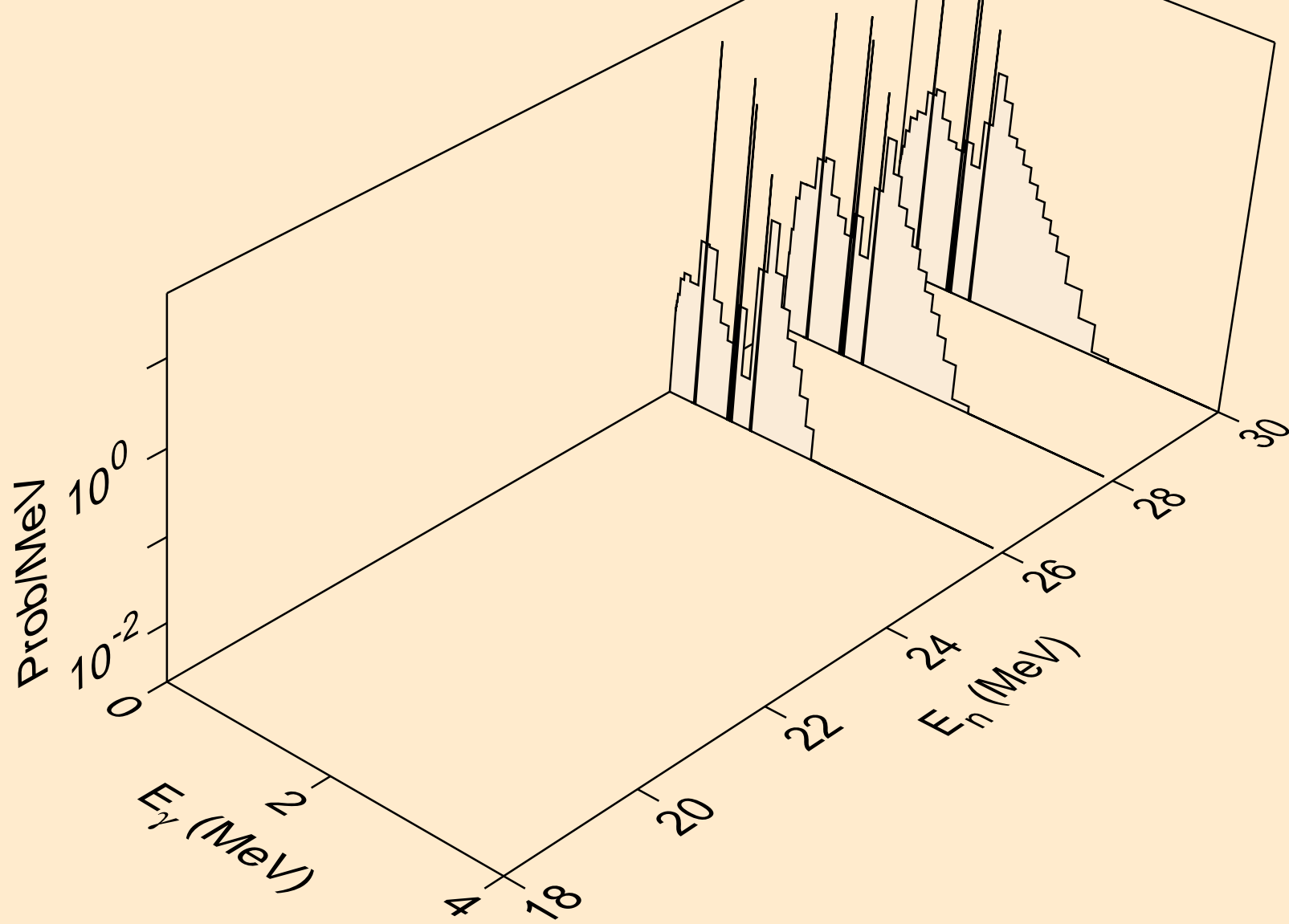


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Photon emission for (n,3np)

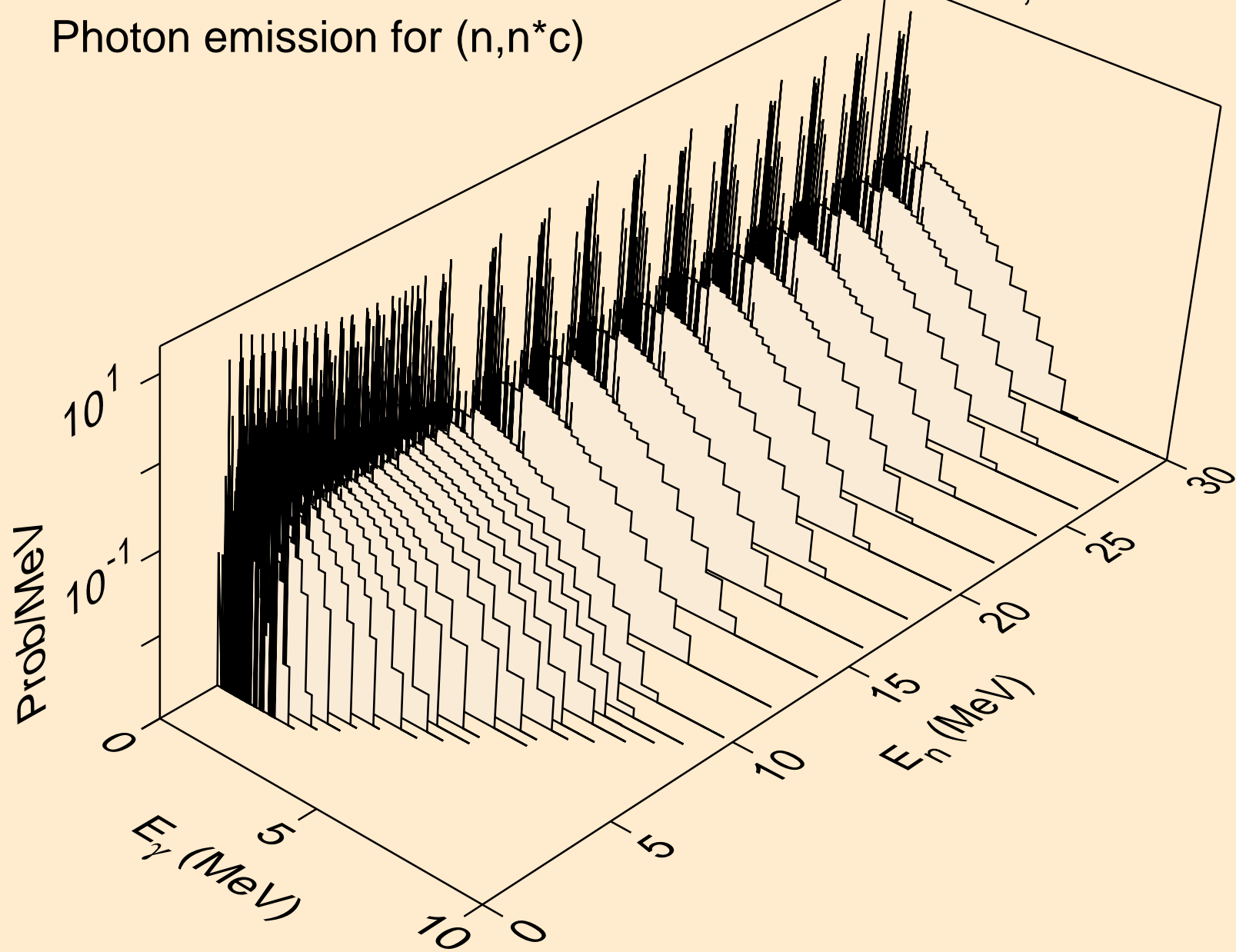




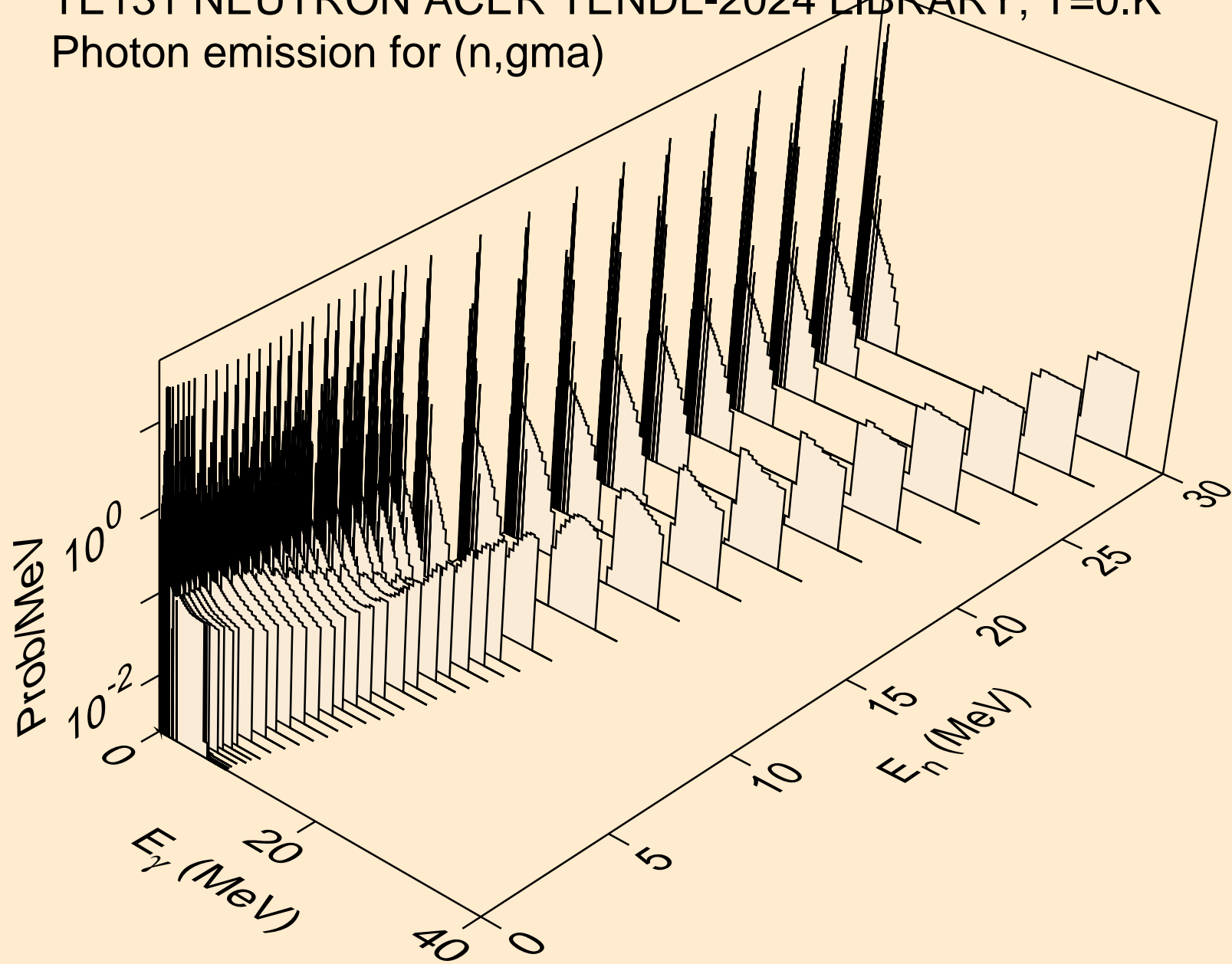
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



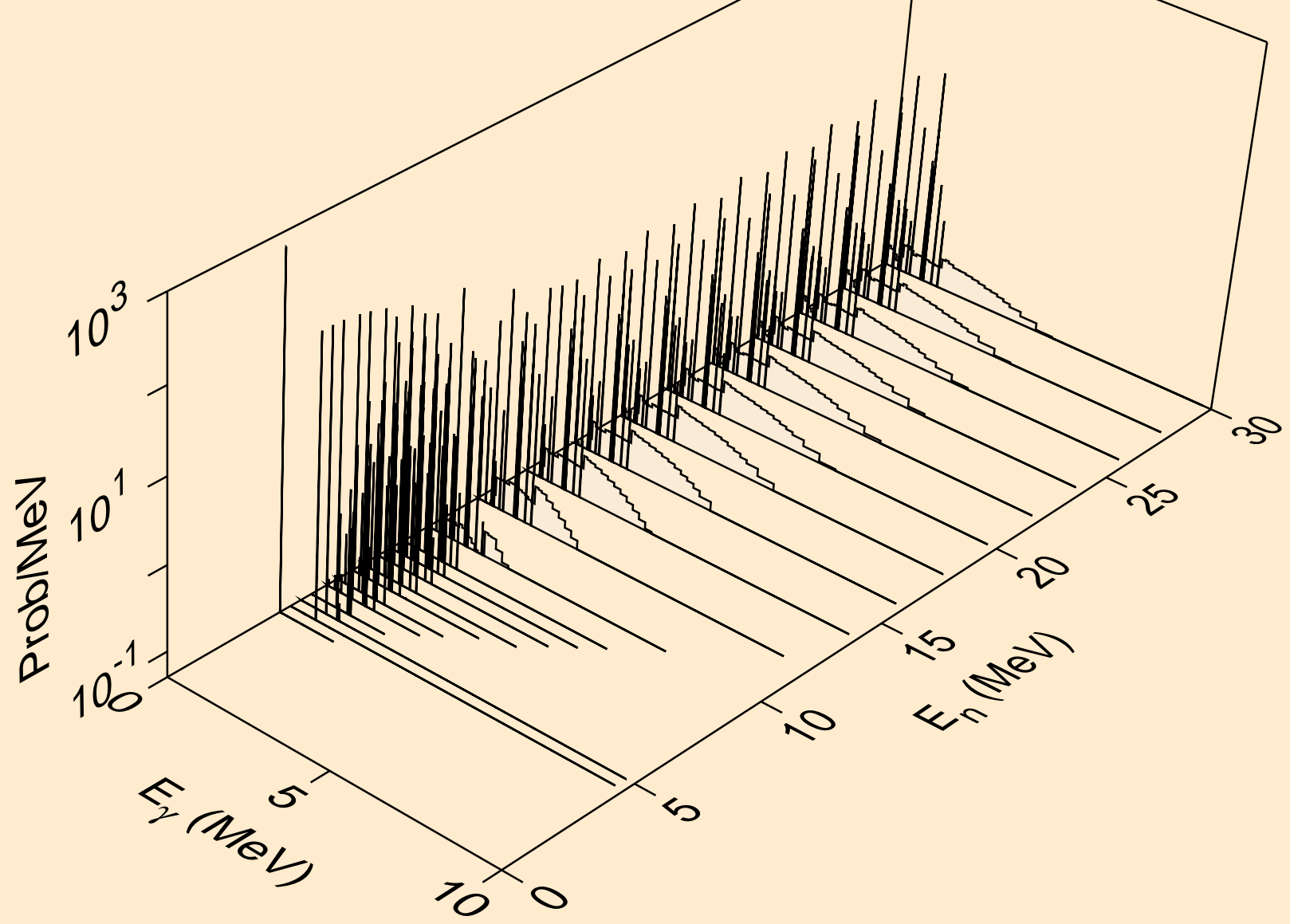
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



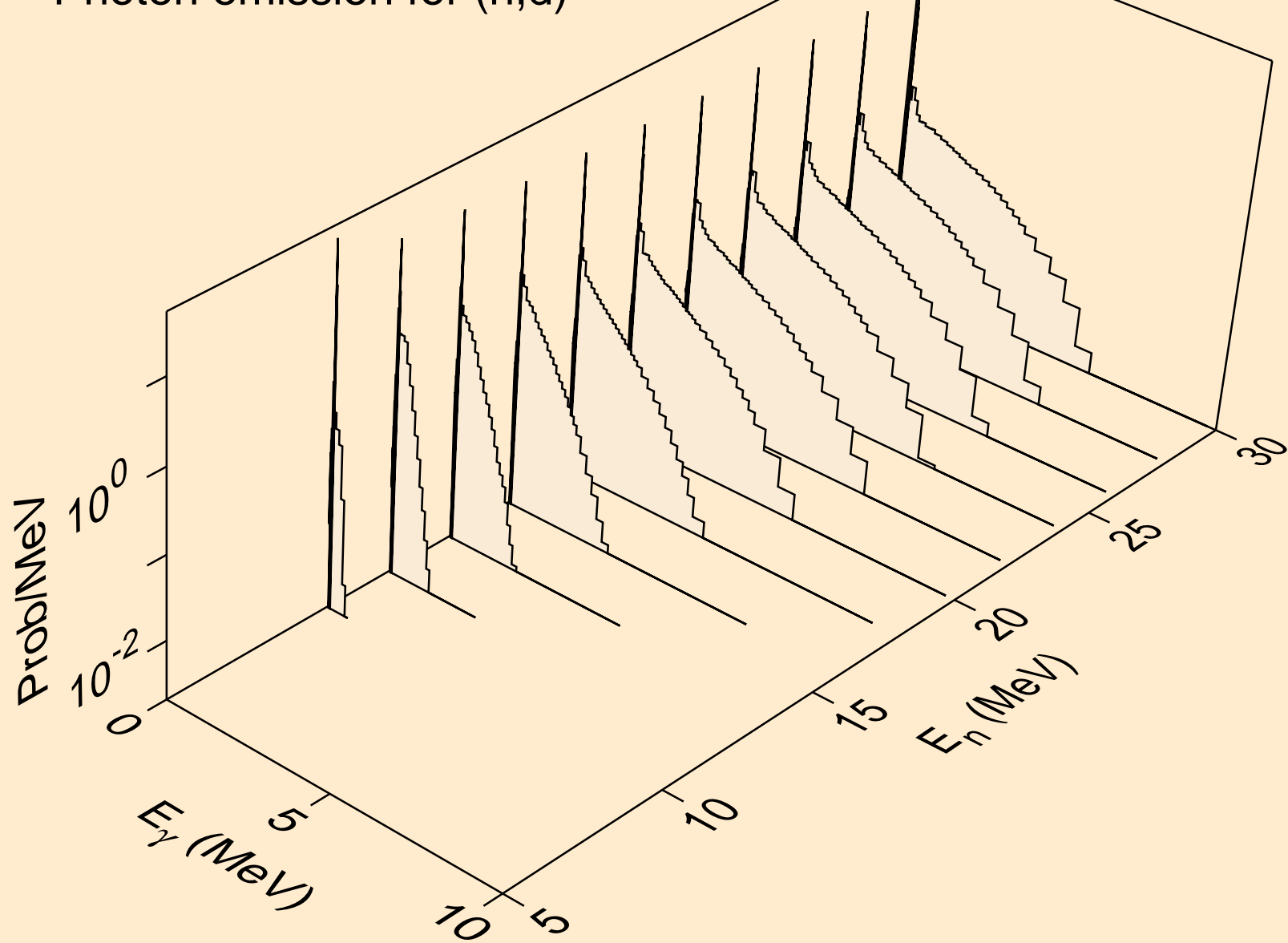
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



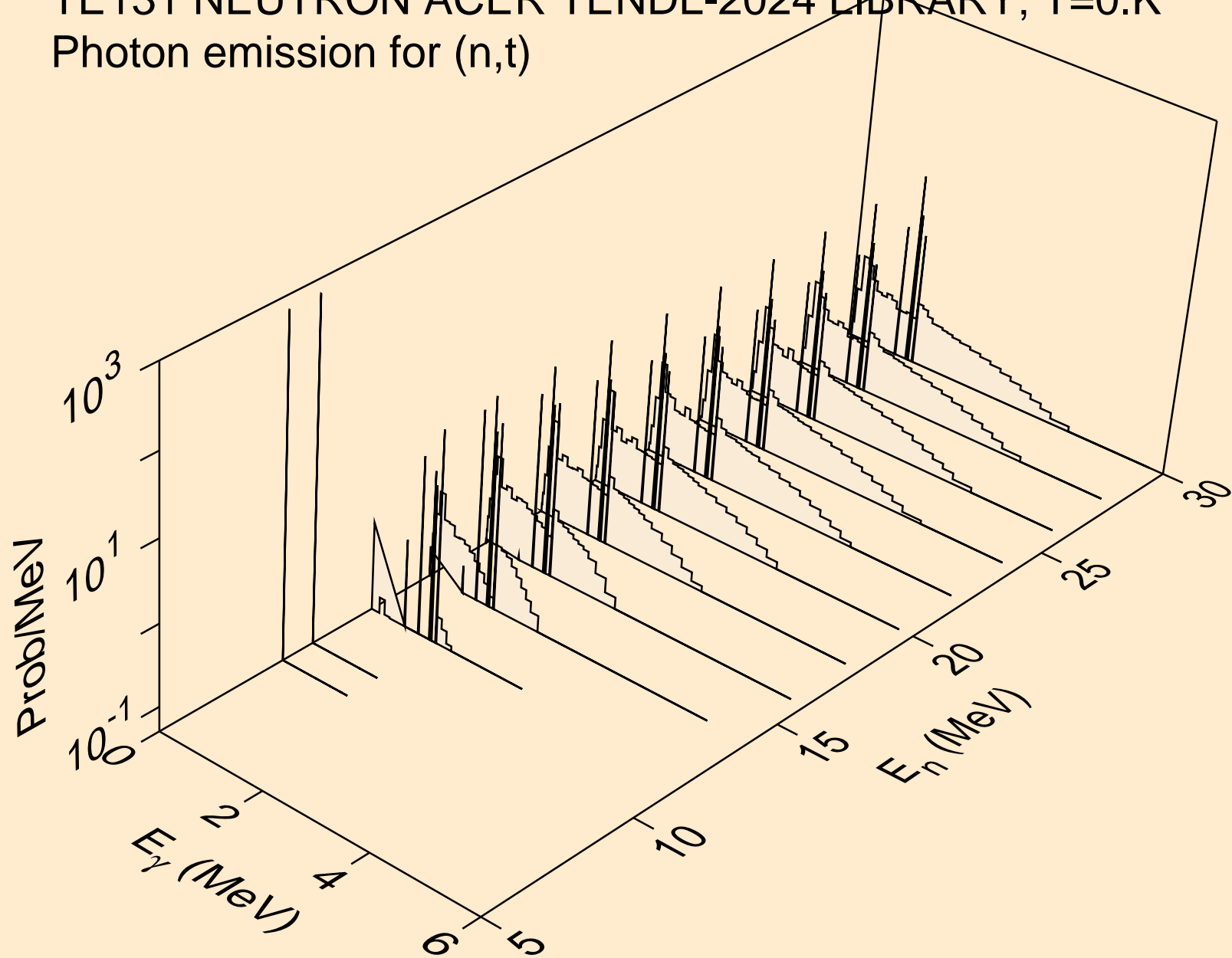
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



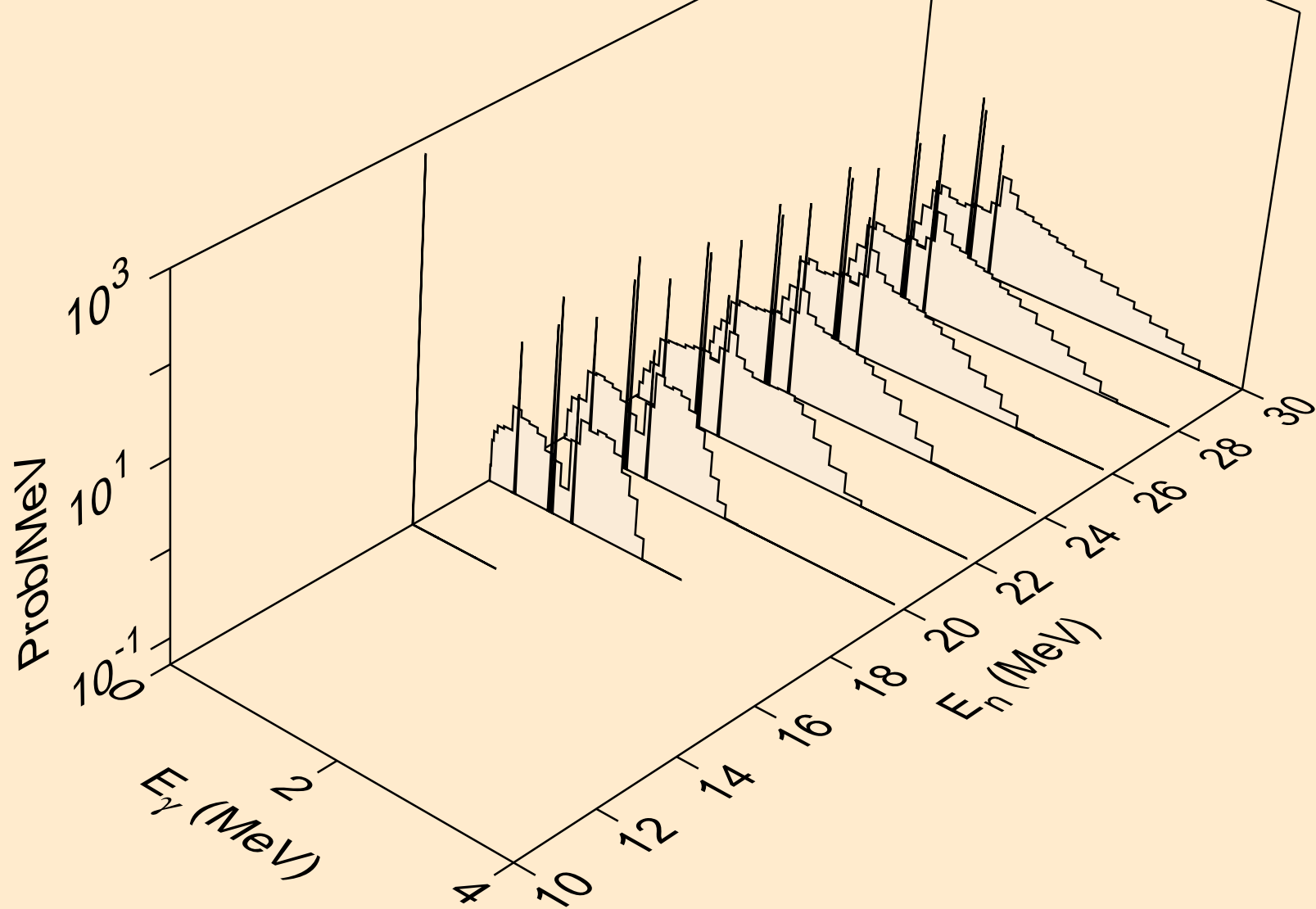
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Photon emission for (n,d)



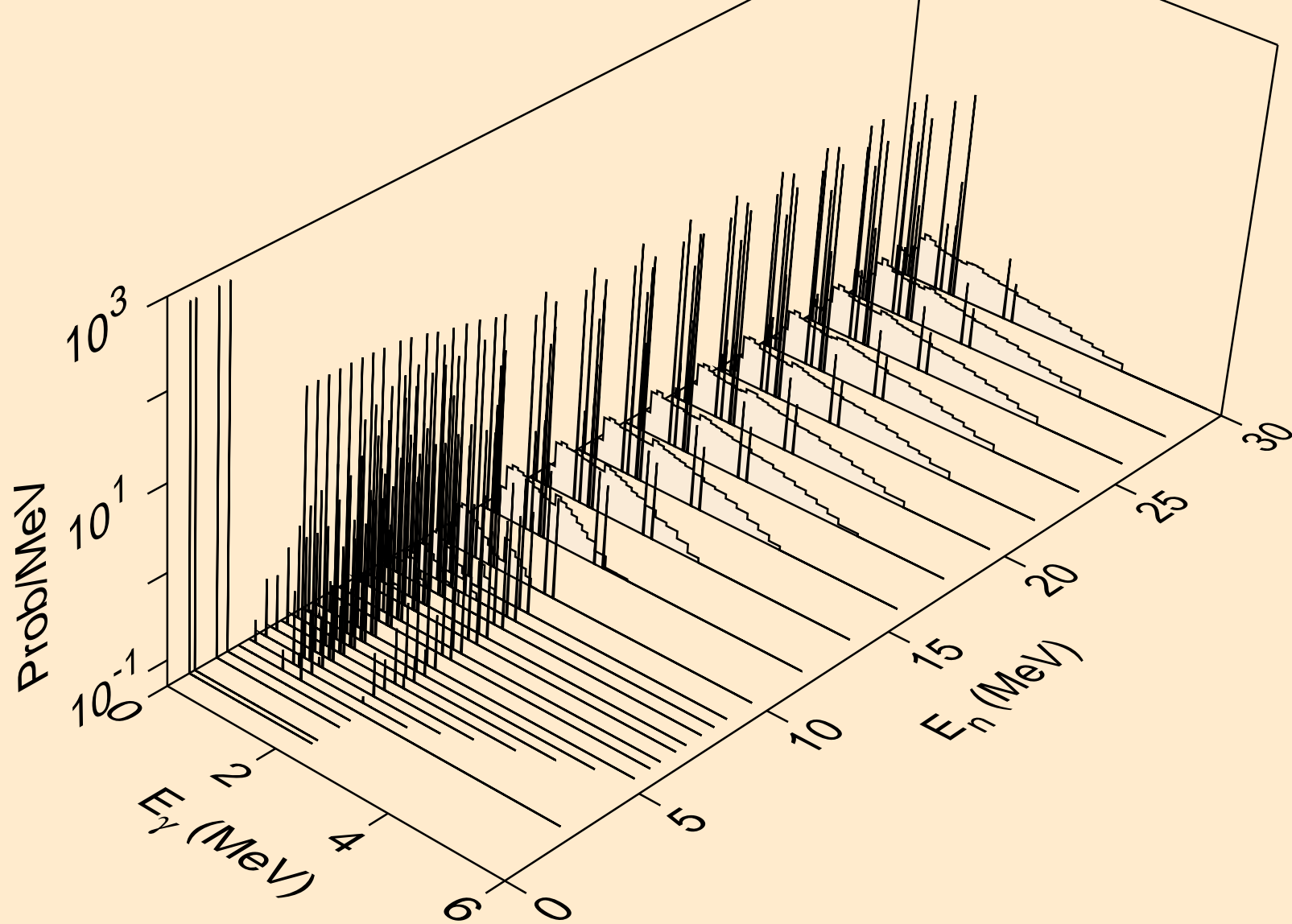
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

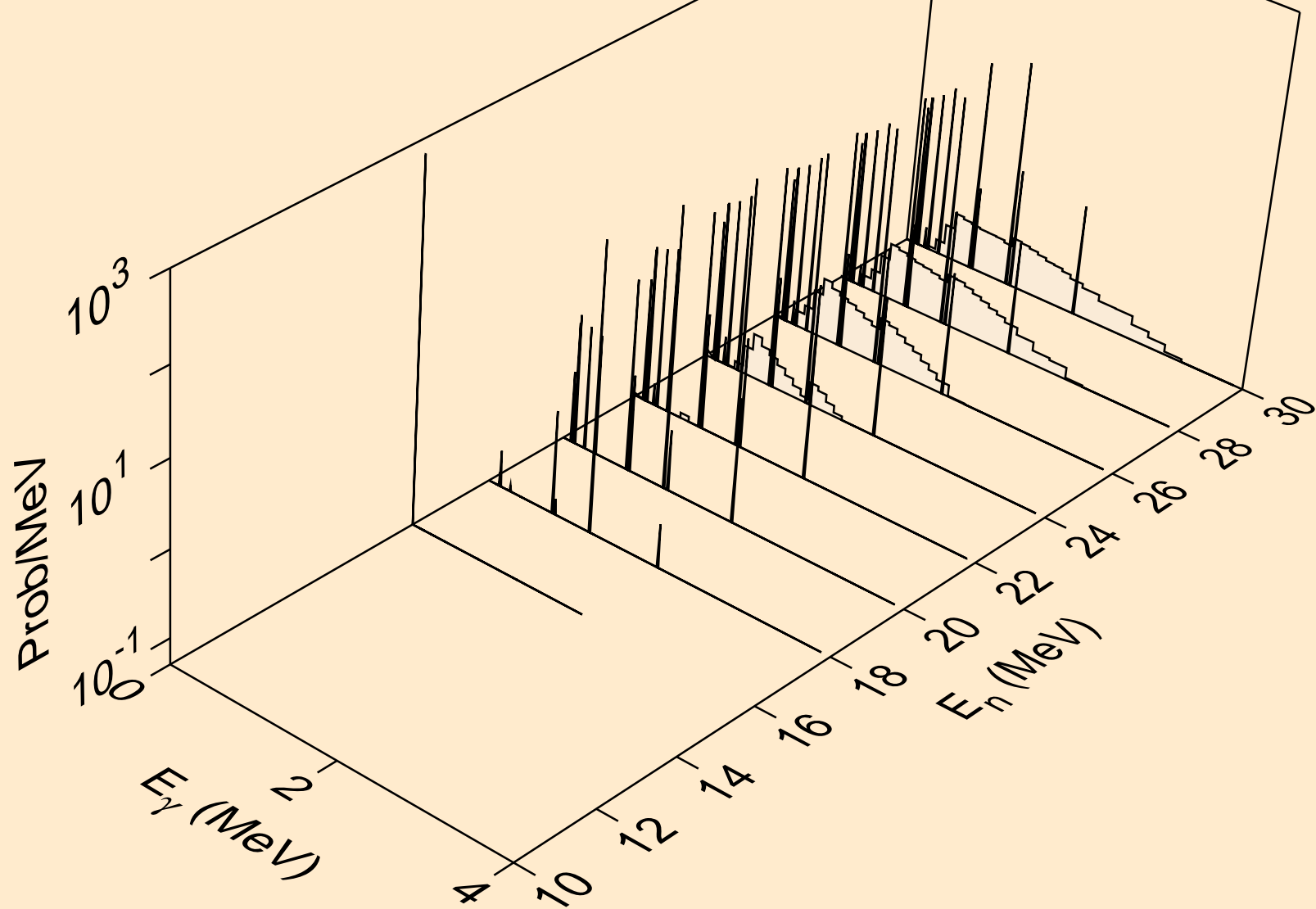


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

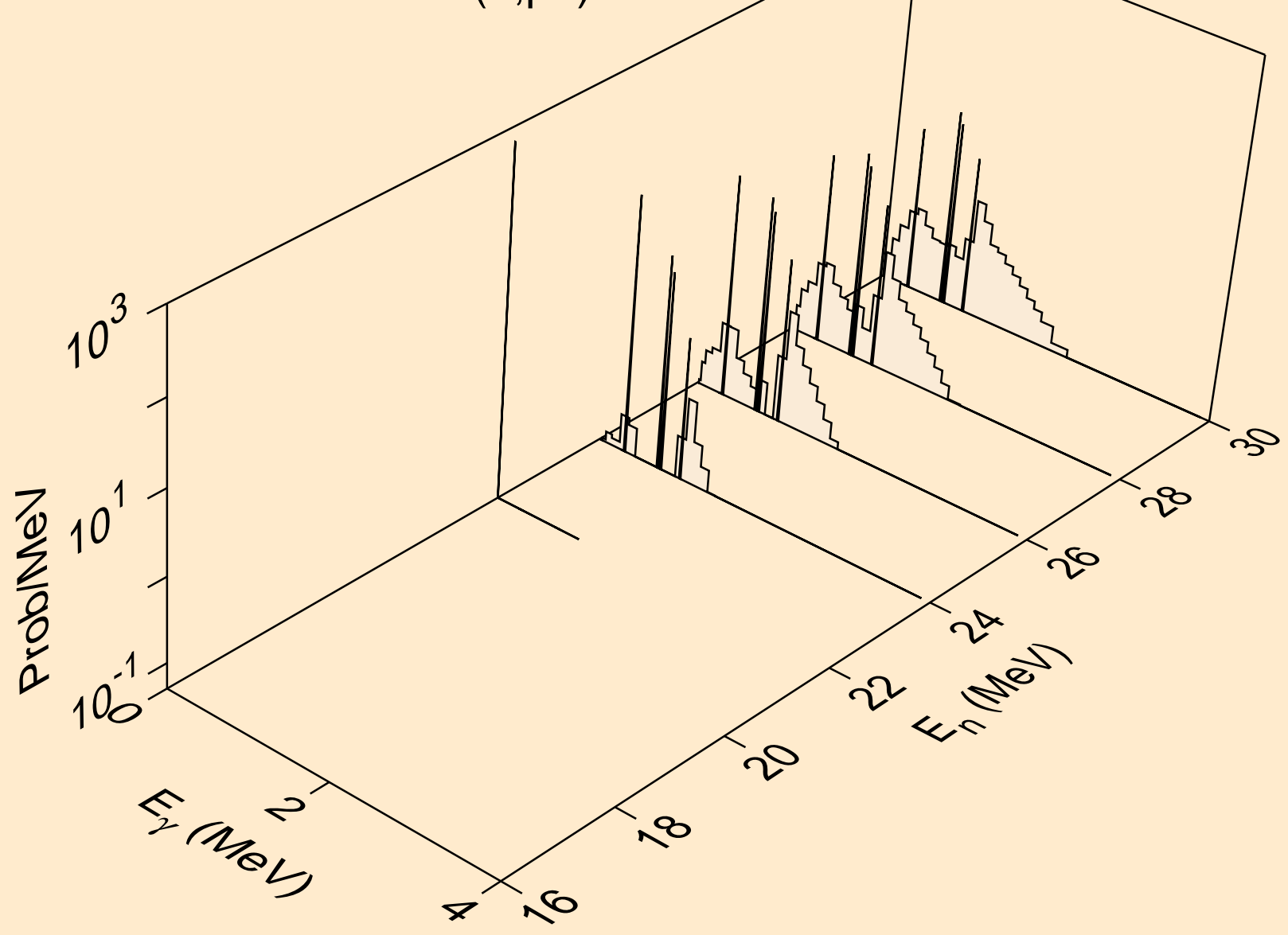




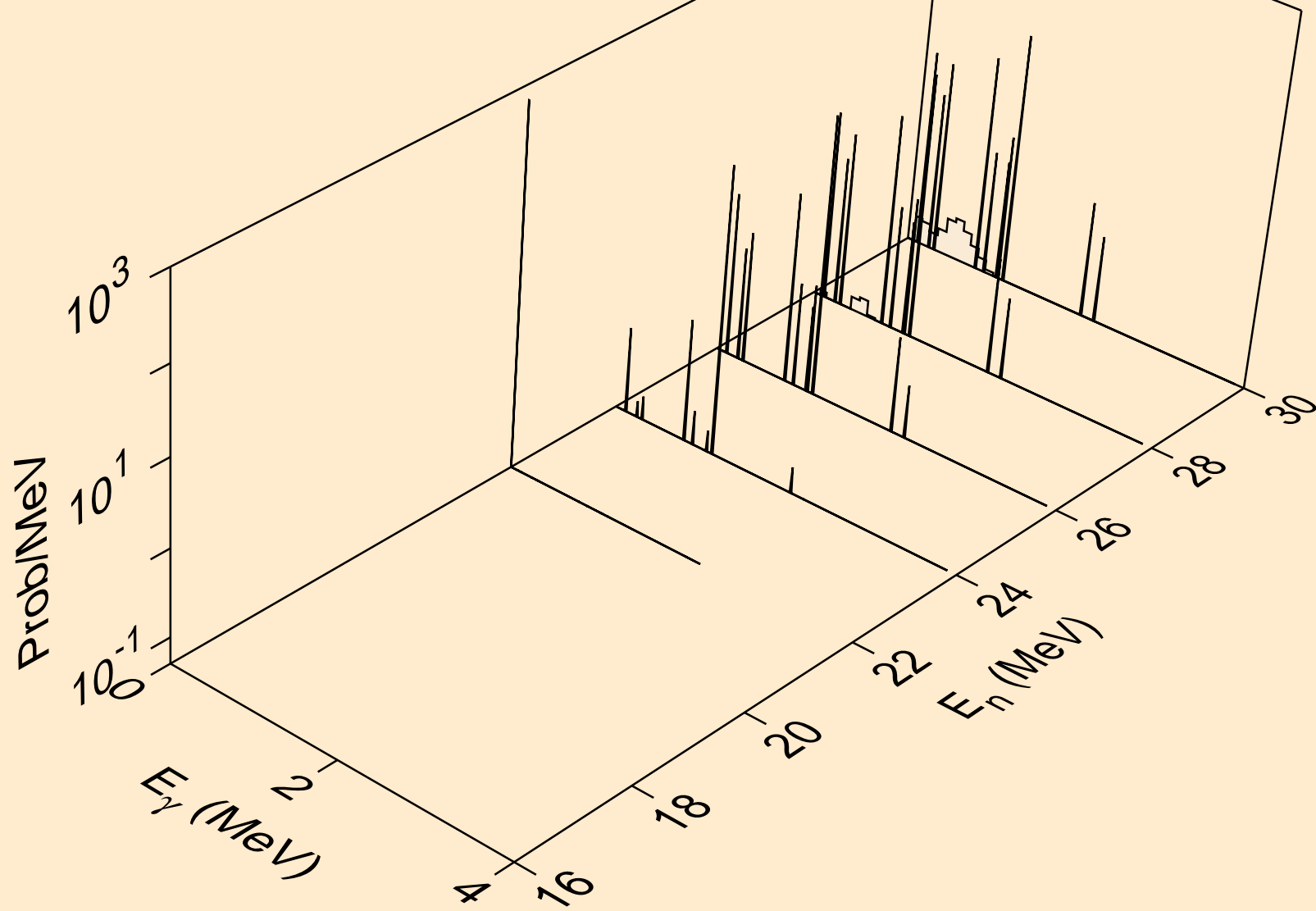
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



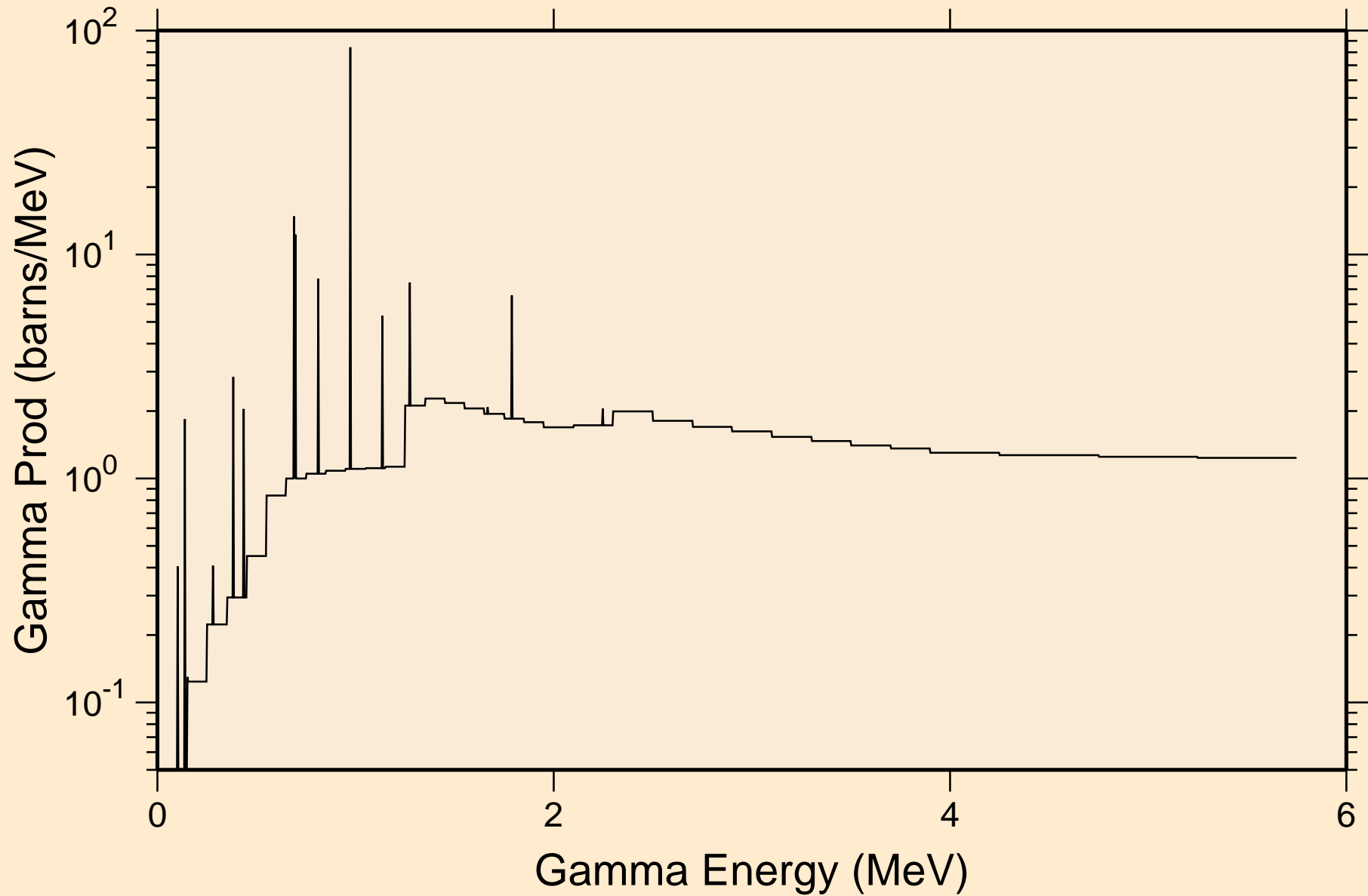
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



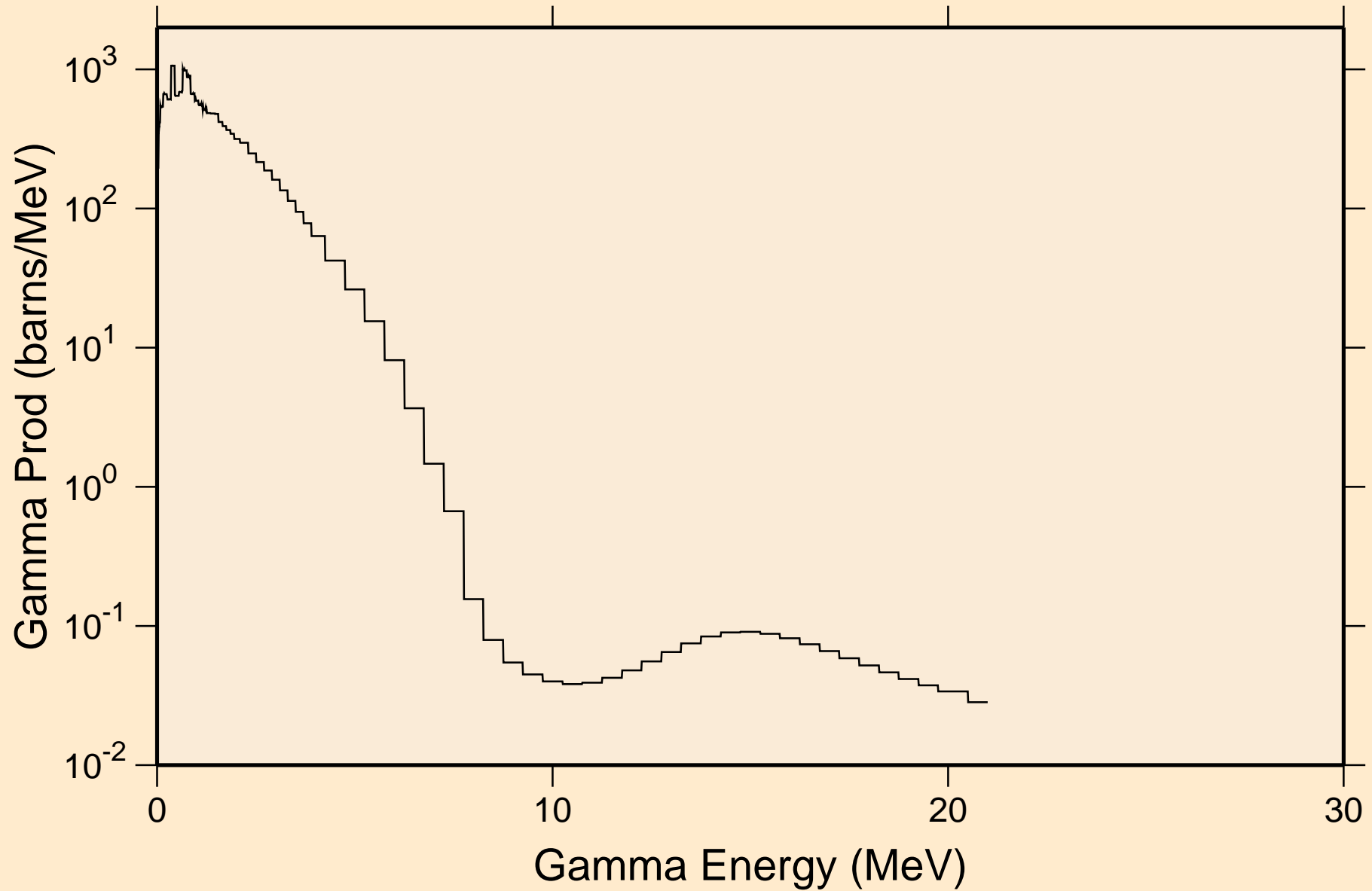
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

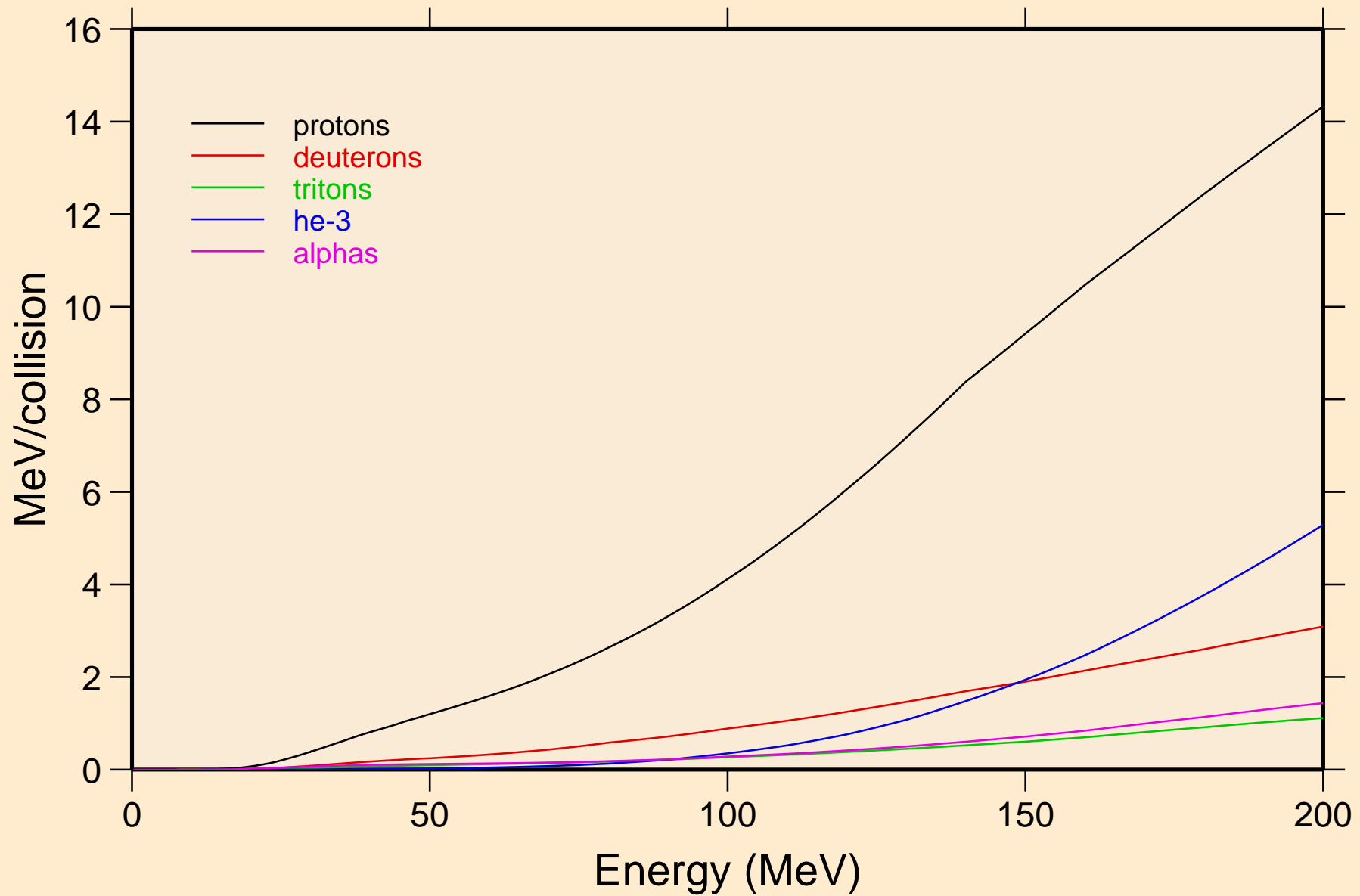


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

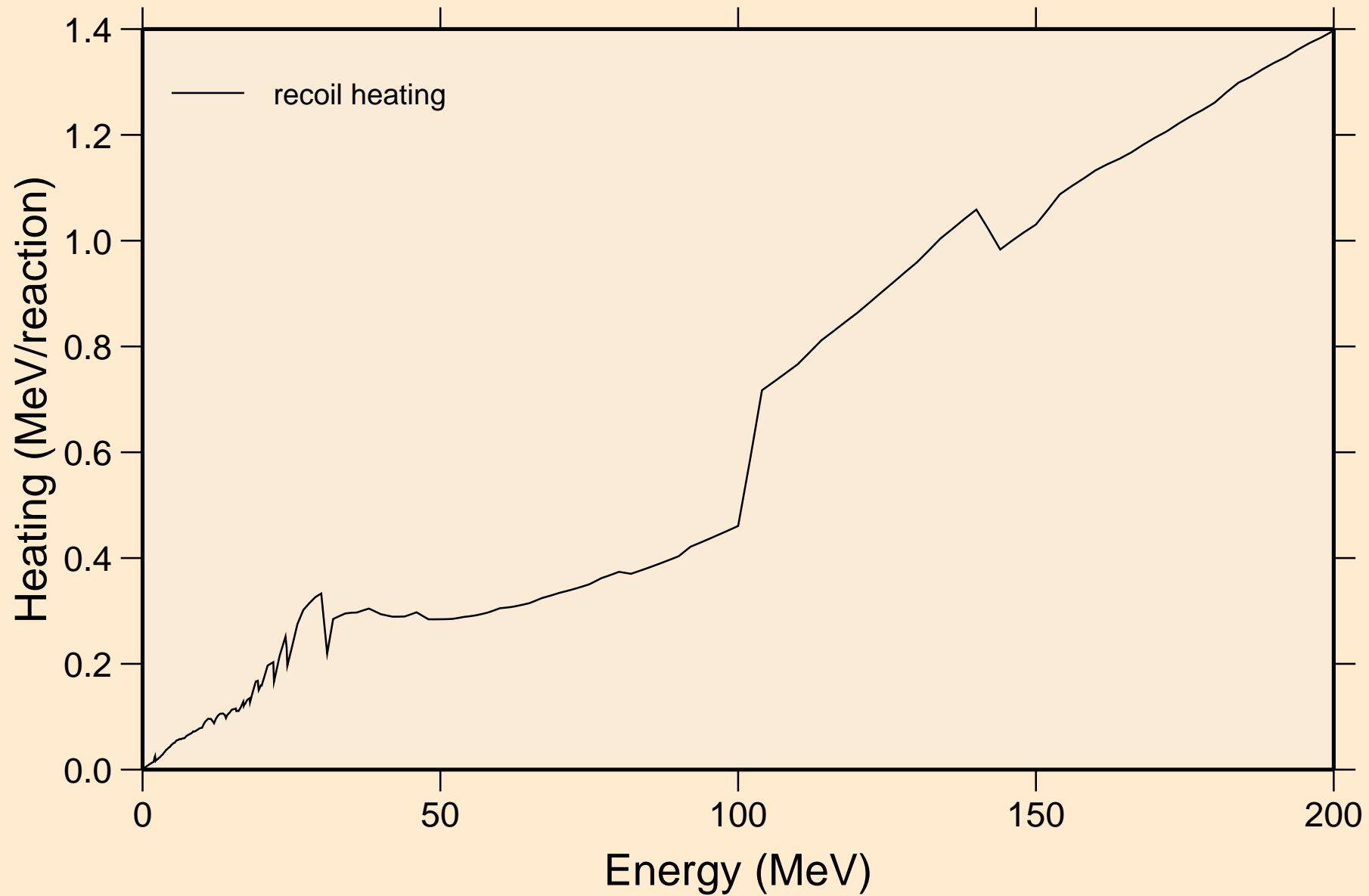


# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

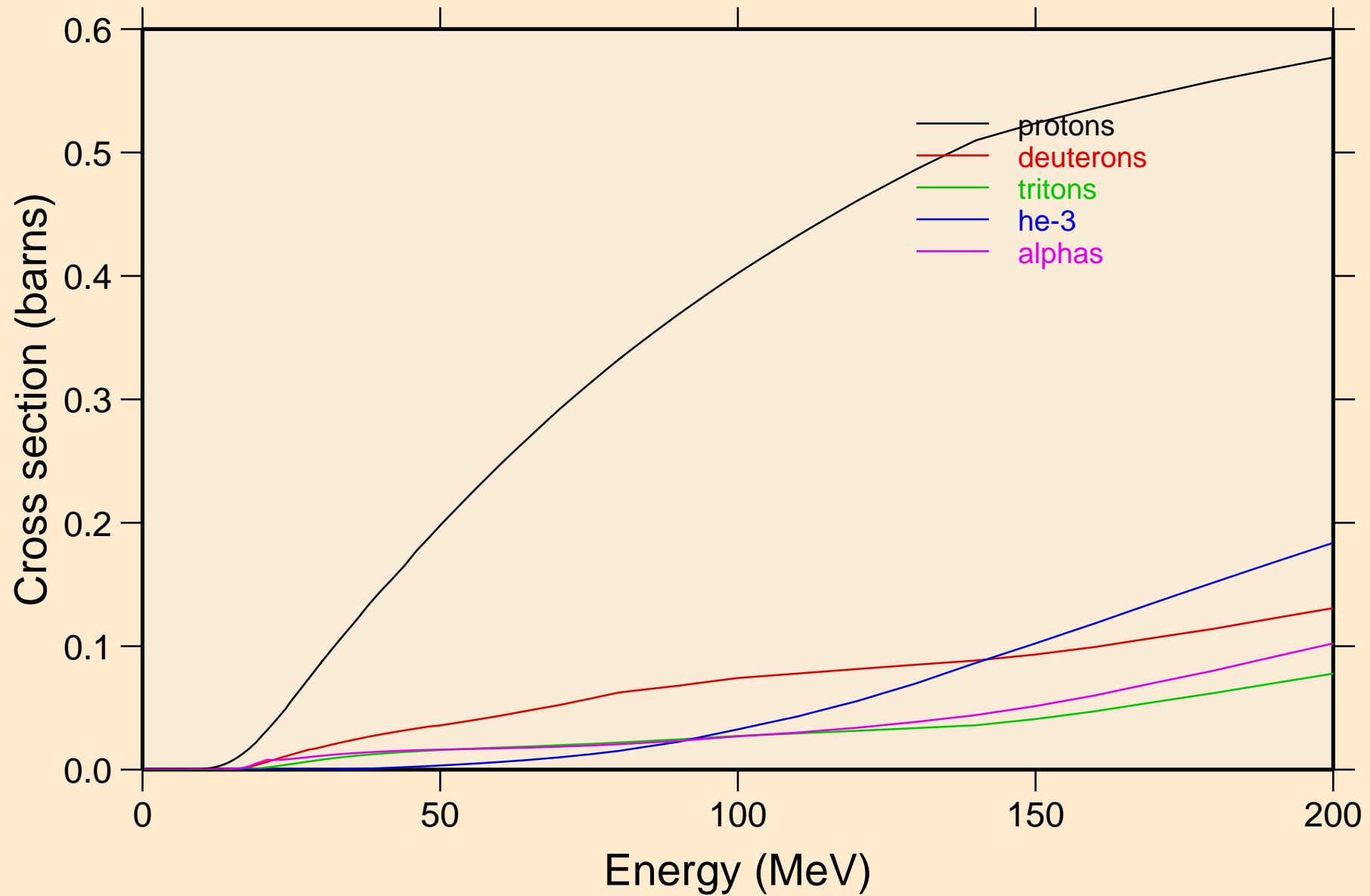


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



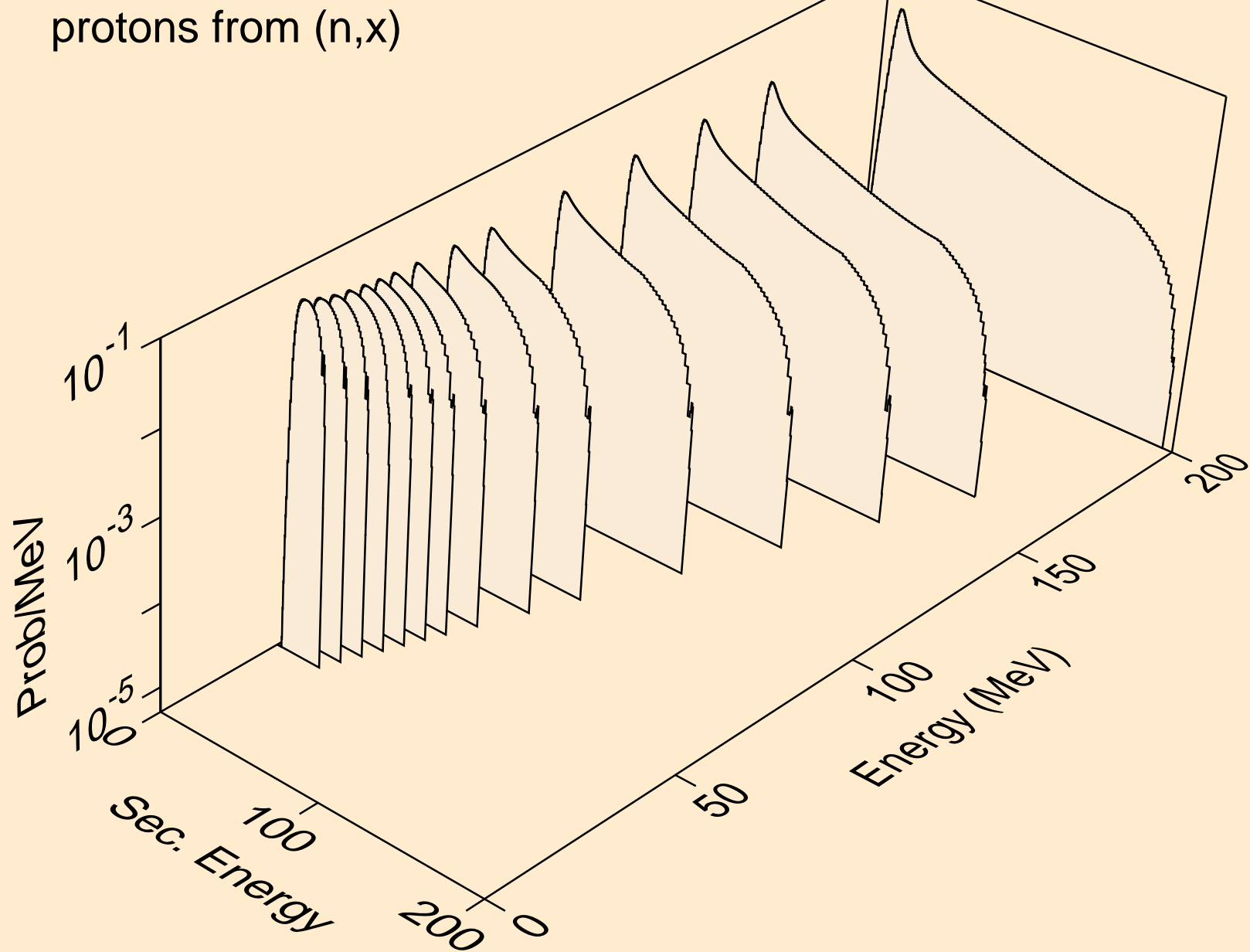
# TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

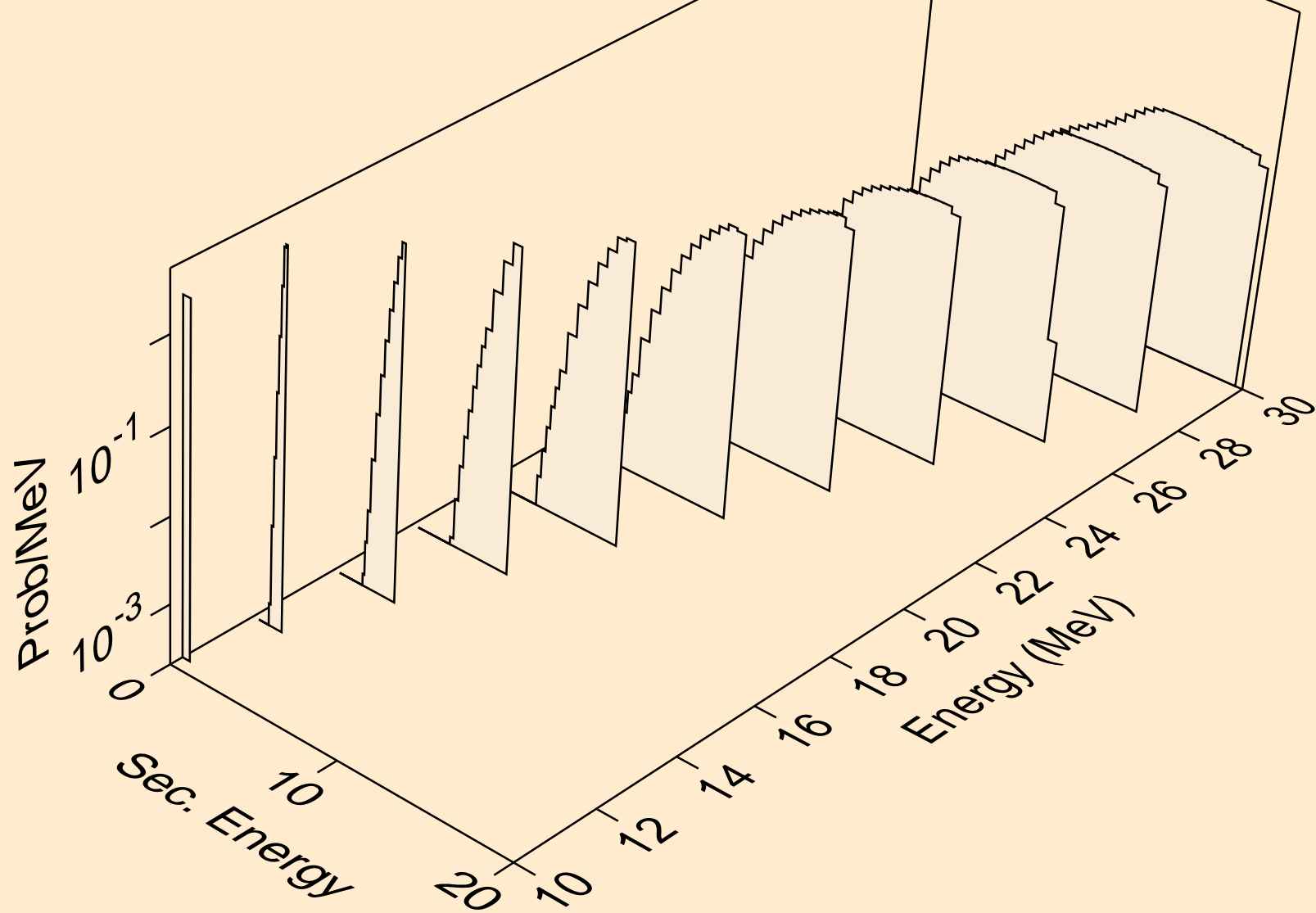




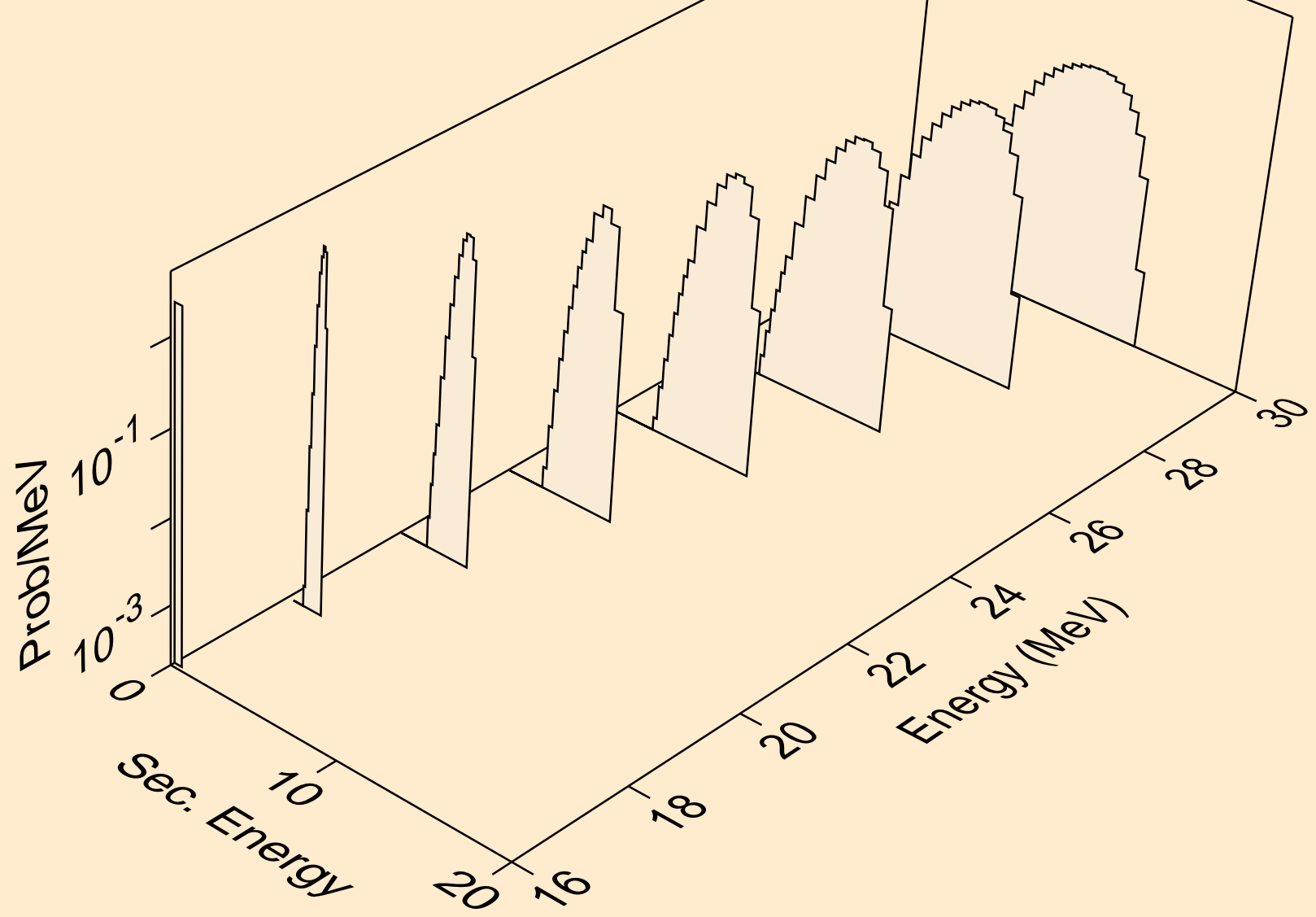
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



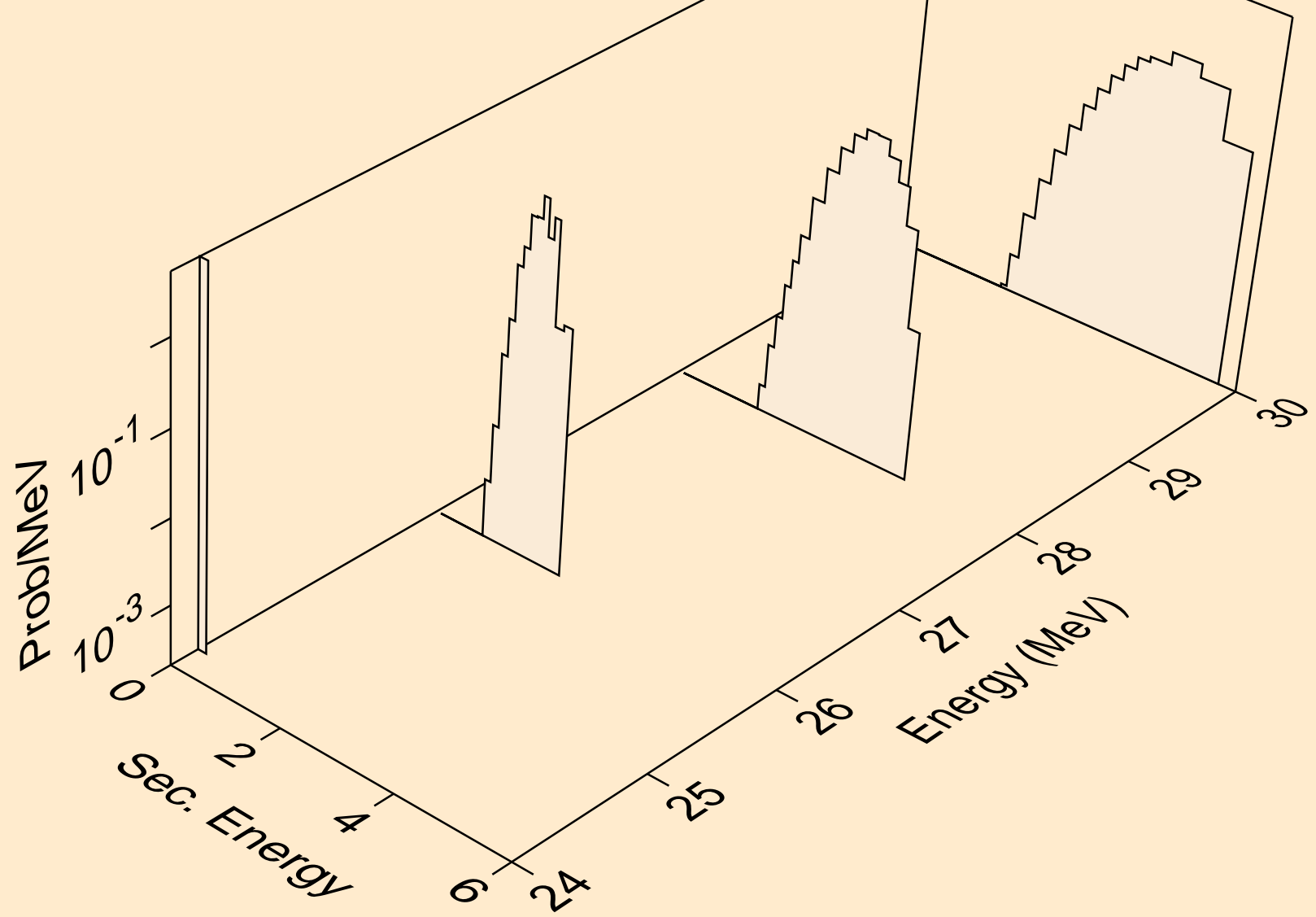
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



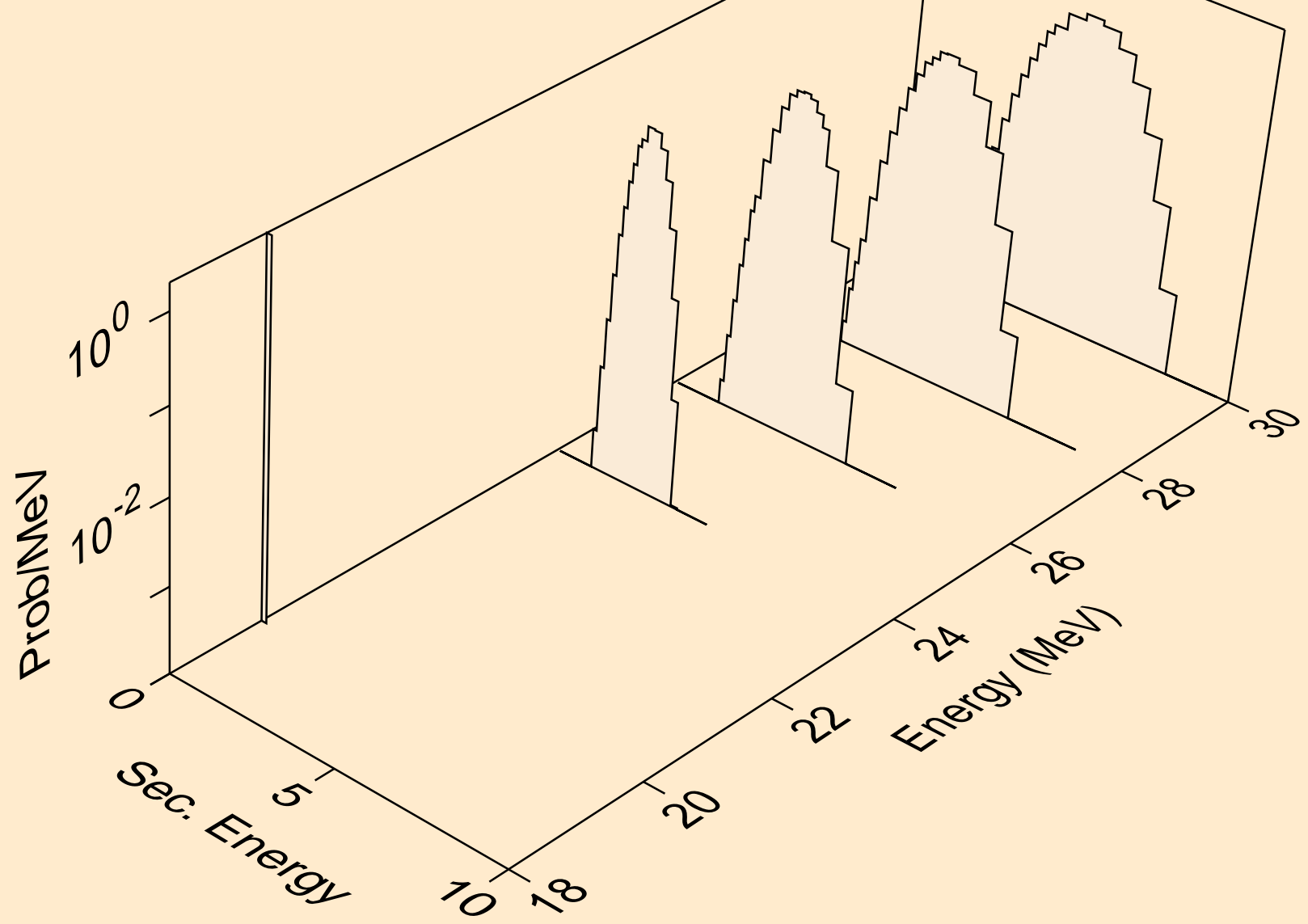
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protons from (n,2np)



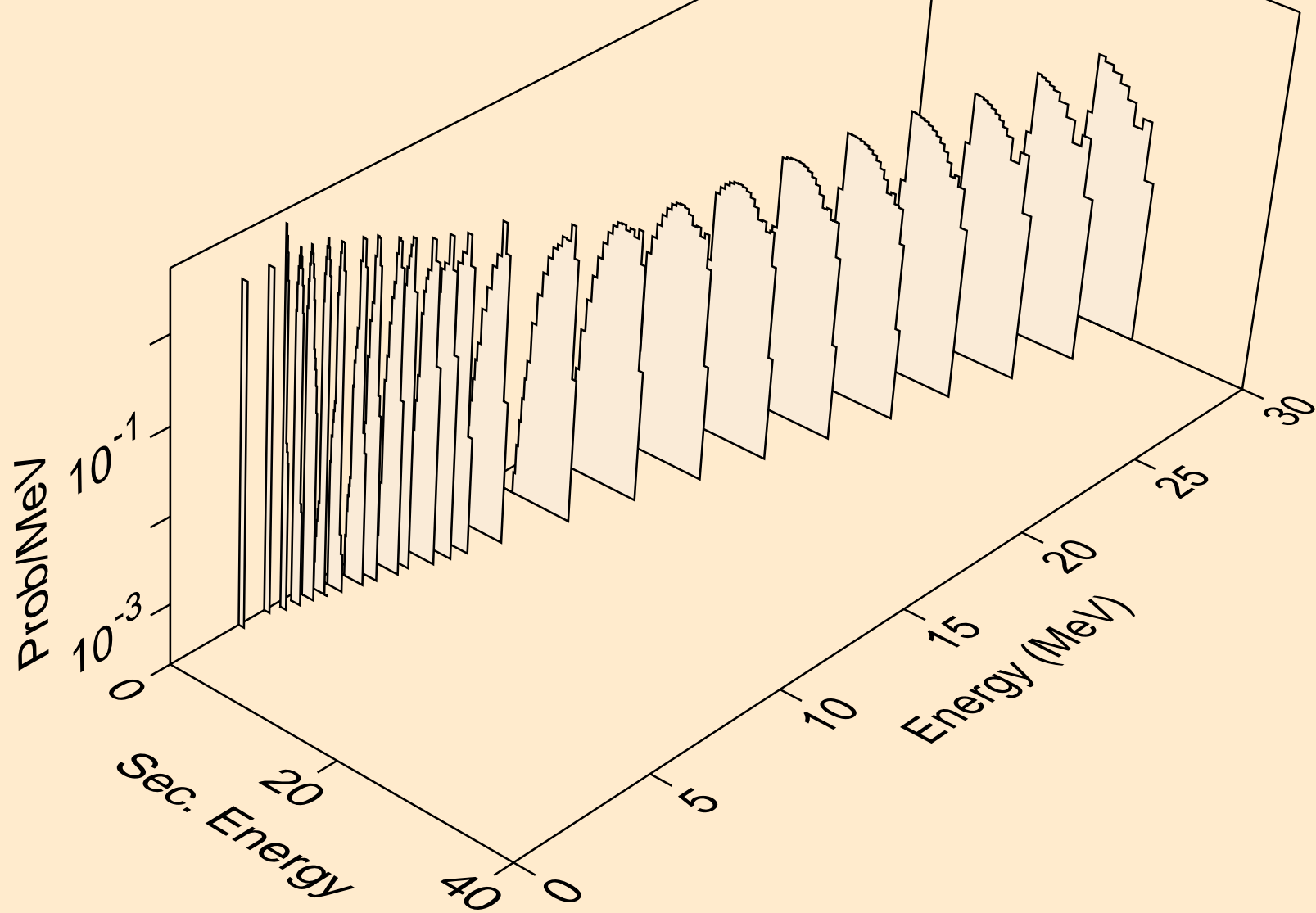
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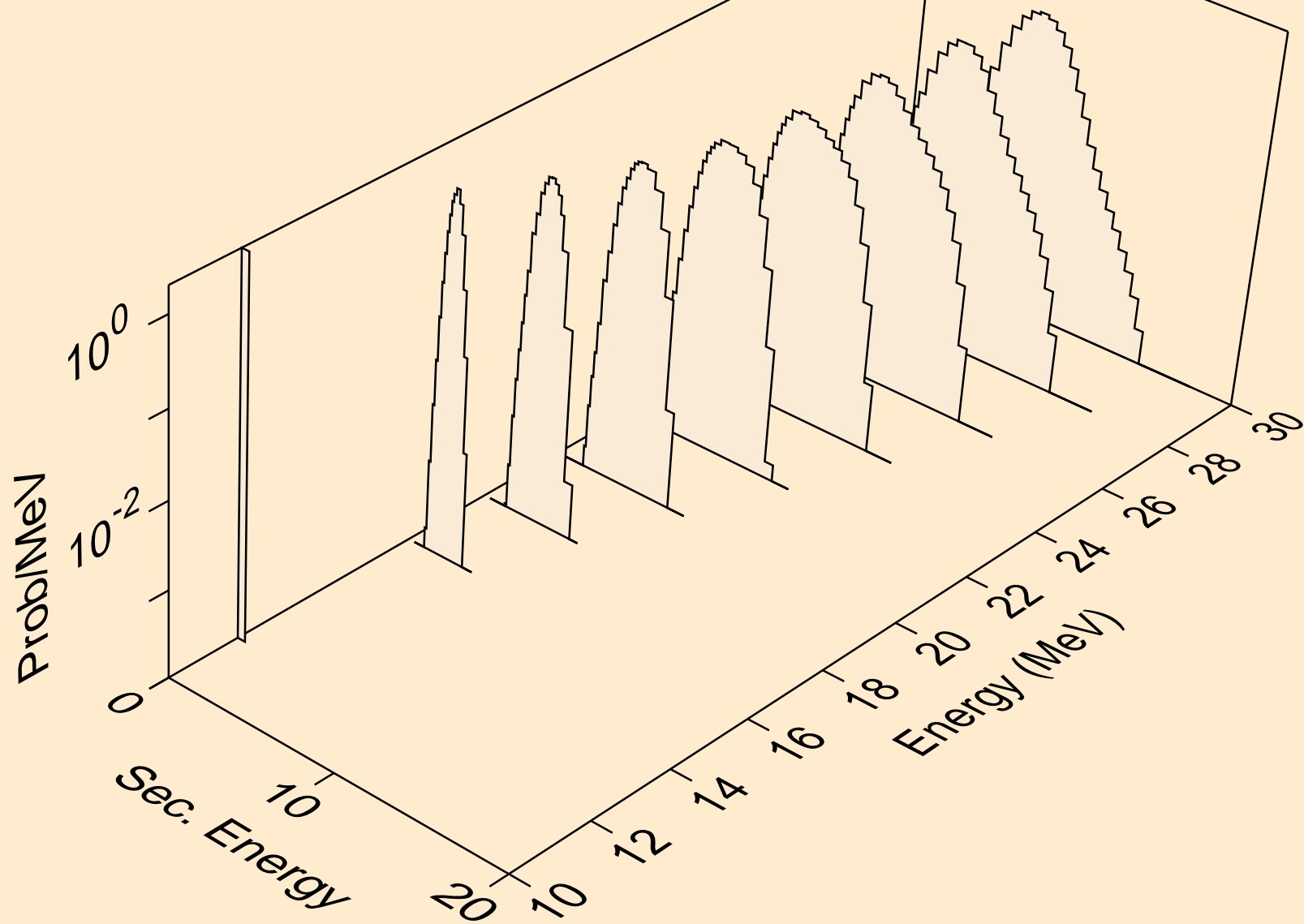
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protons from (n,n2p)



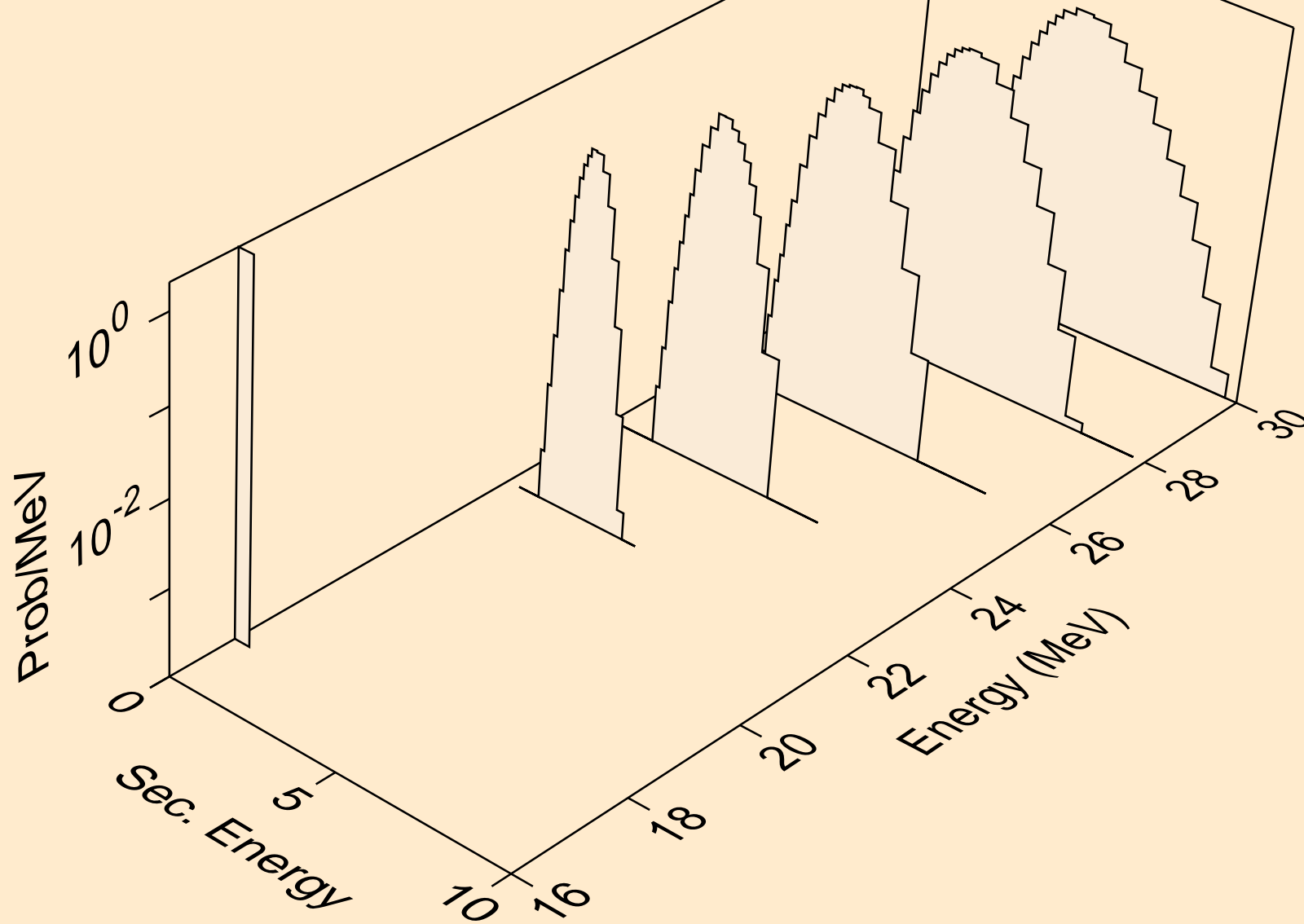
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protons from (n,p)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

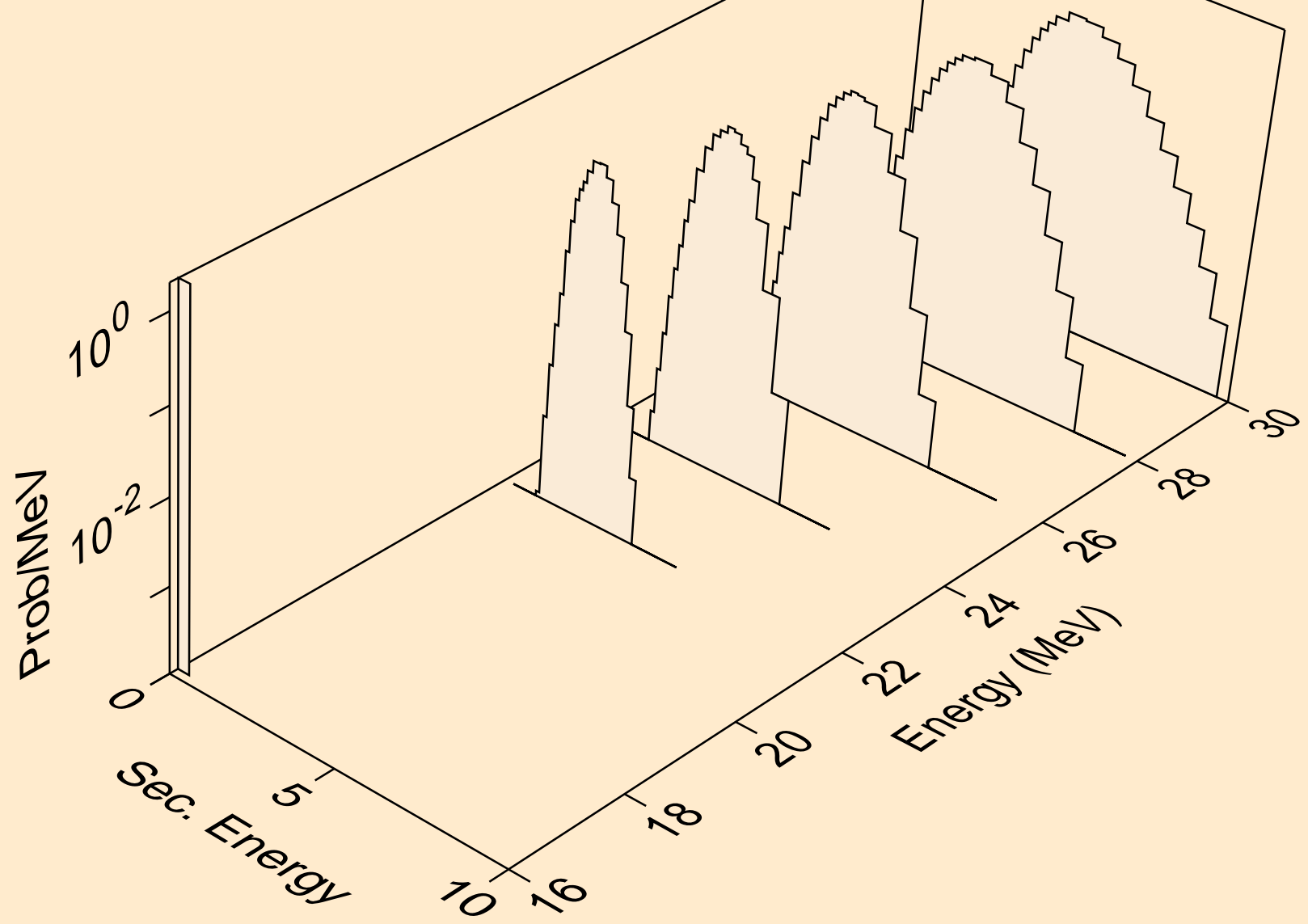


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

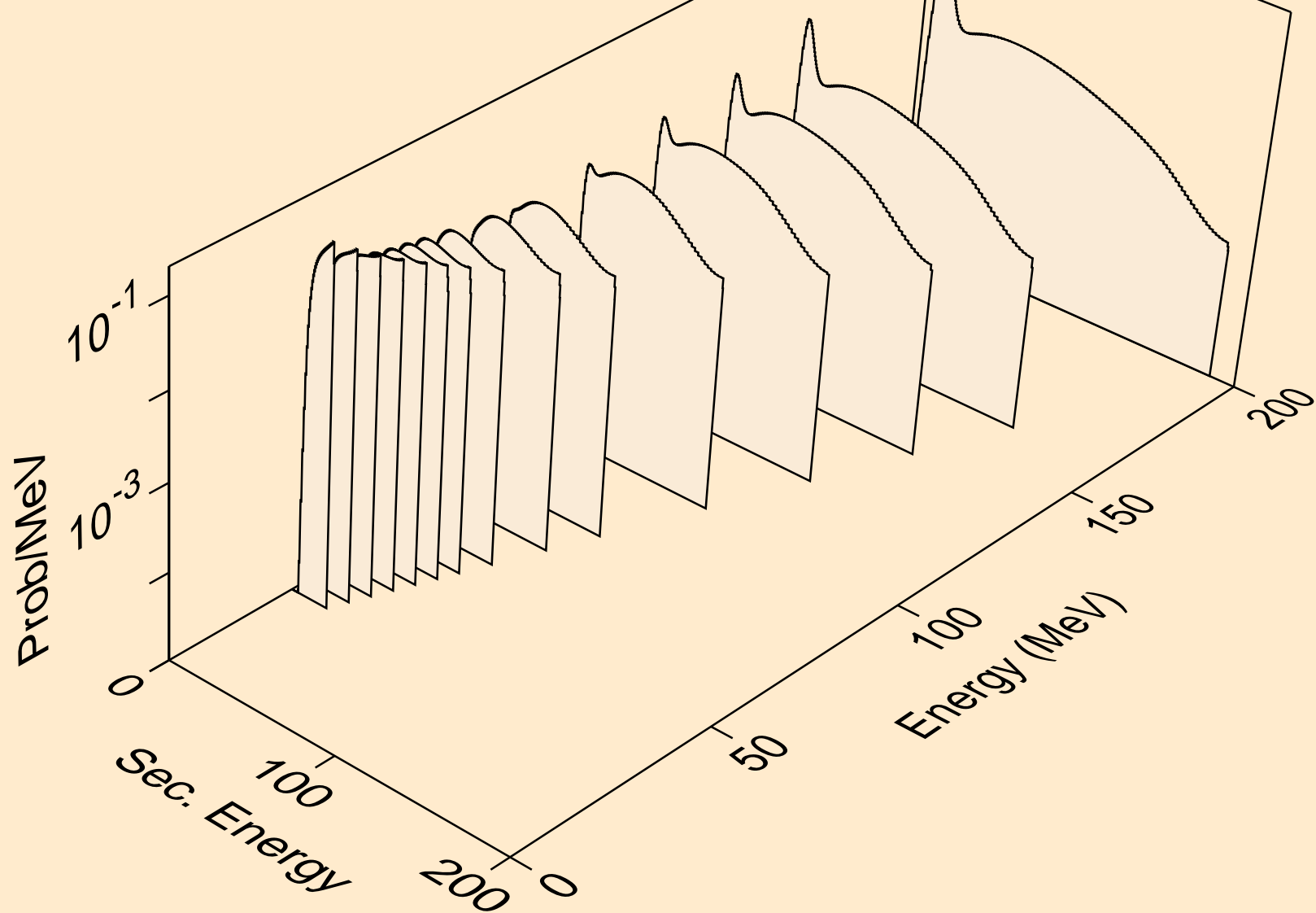




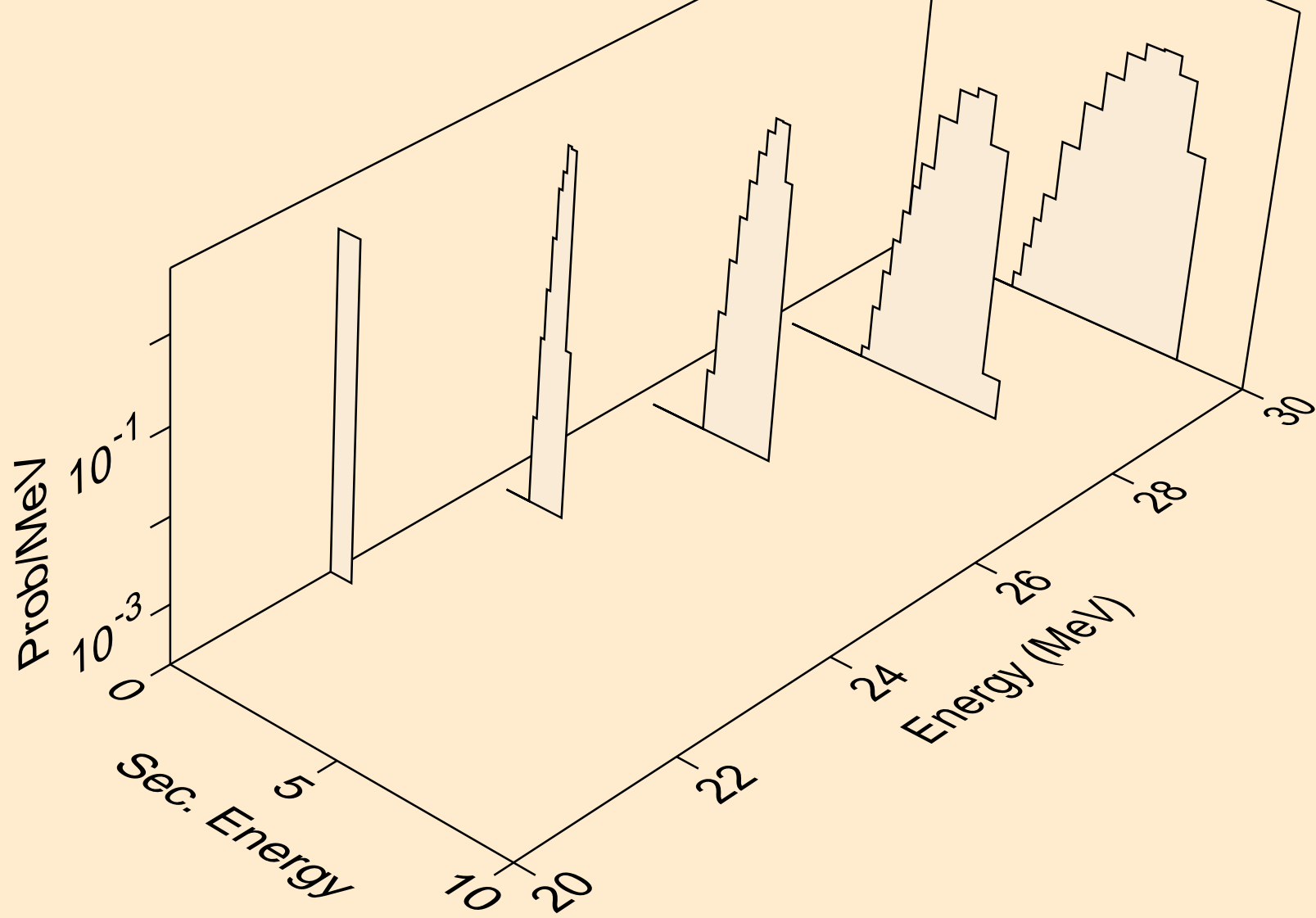
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protons from (n,pt)



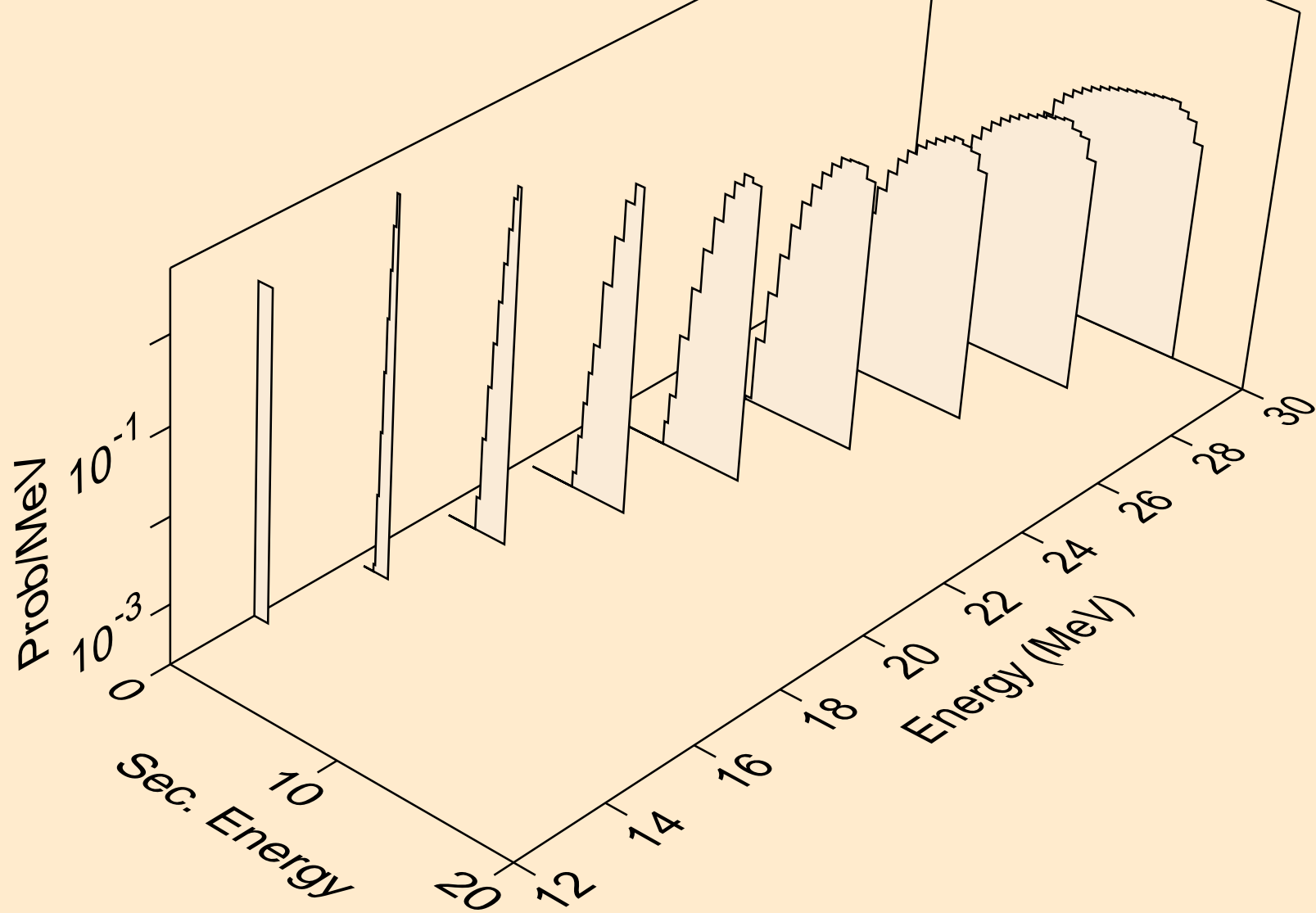
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deuterons from (n,x)



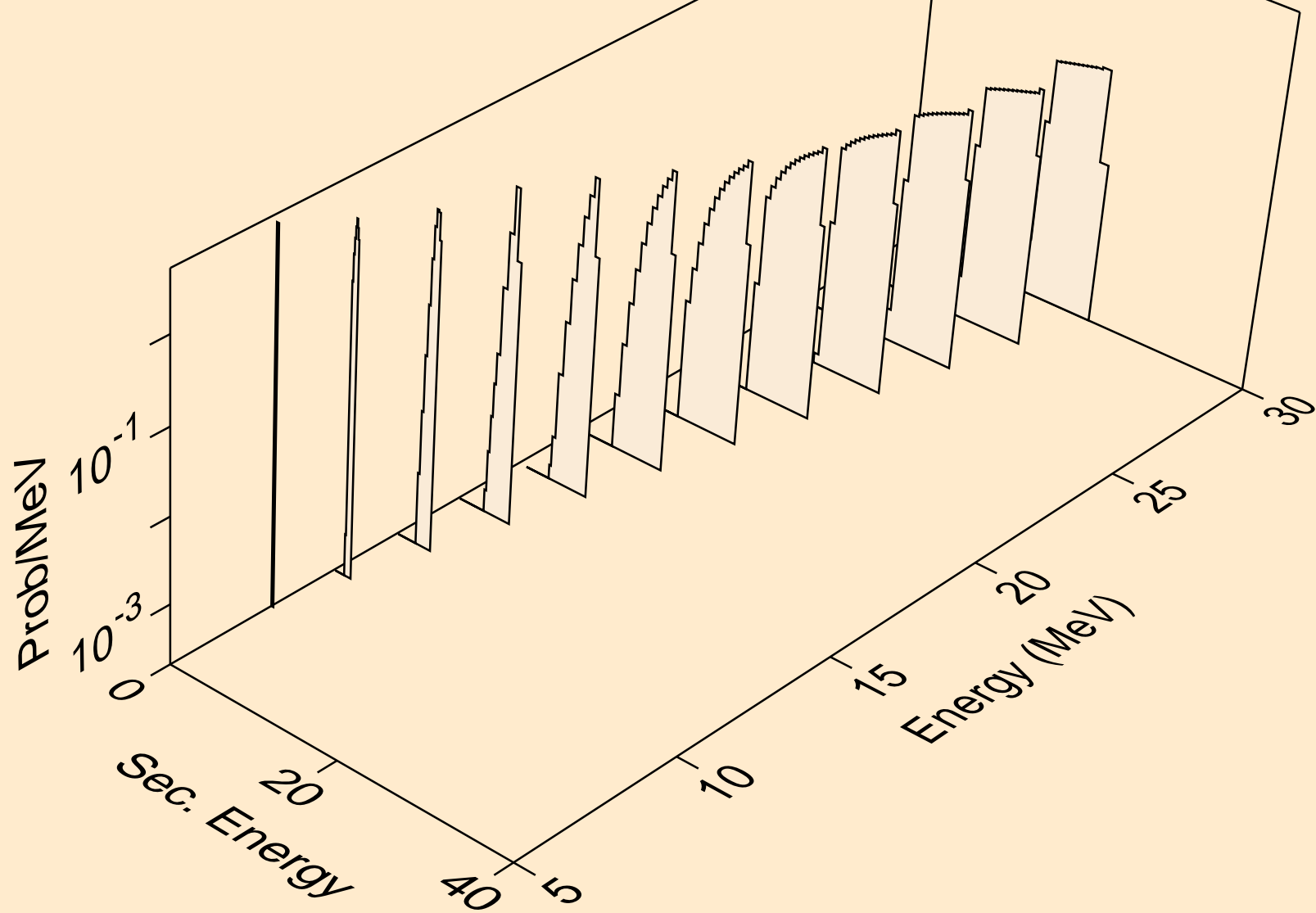
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deuterons from (n,2nd)



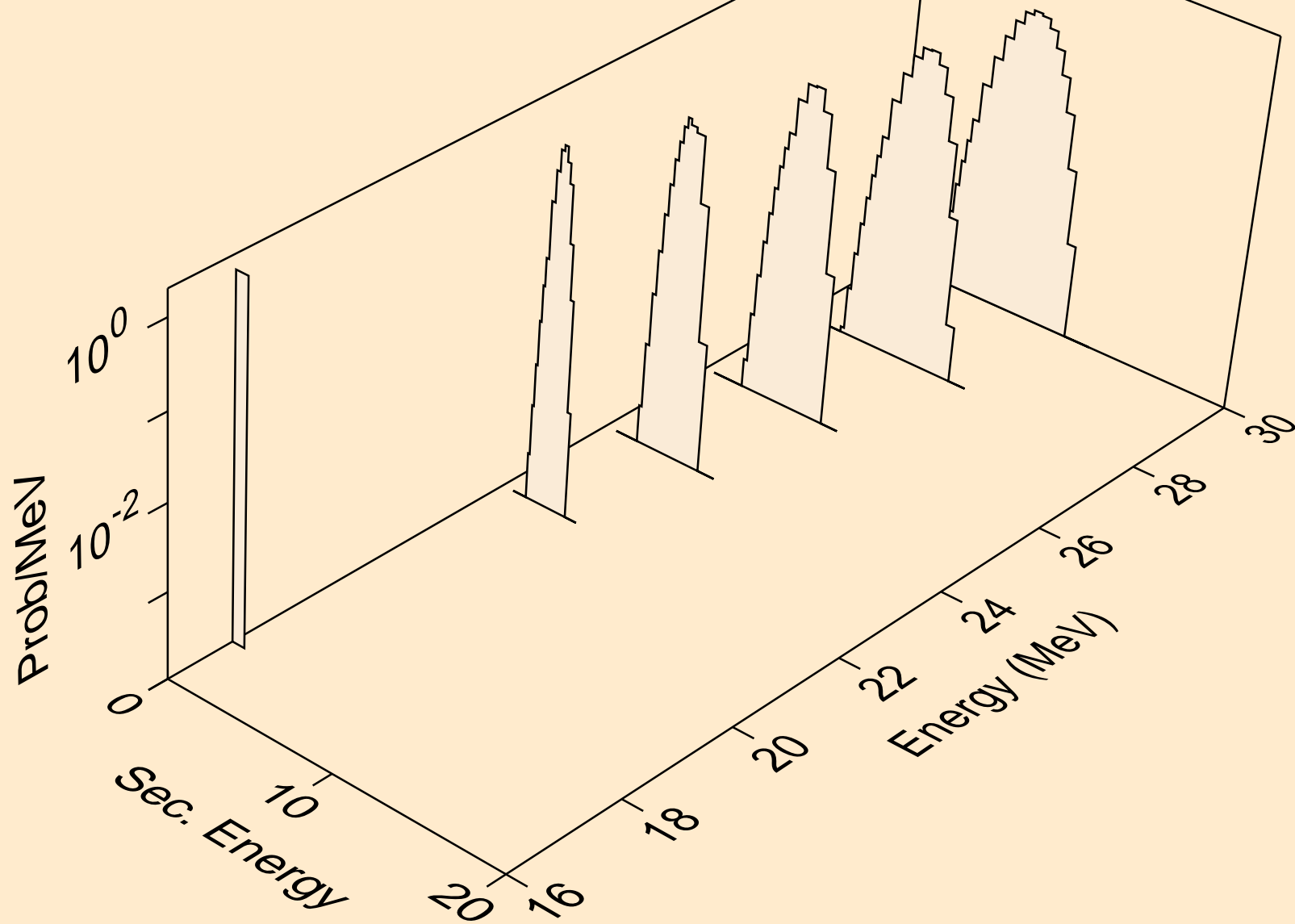
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deuterons from (n,n\*)d



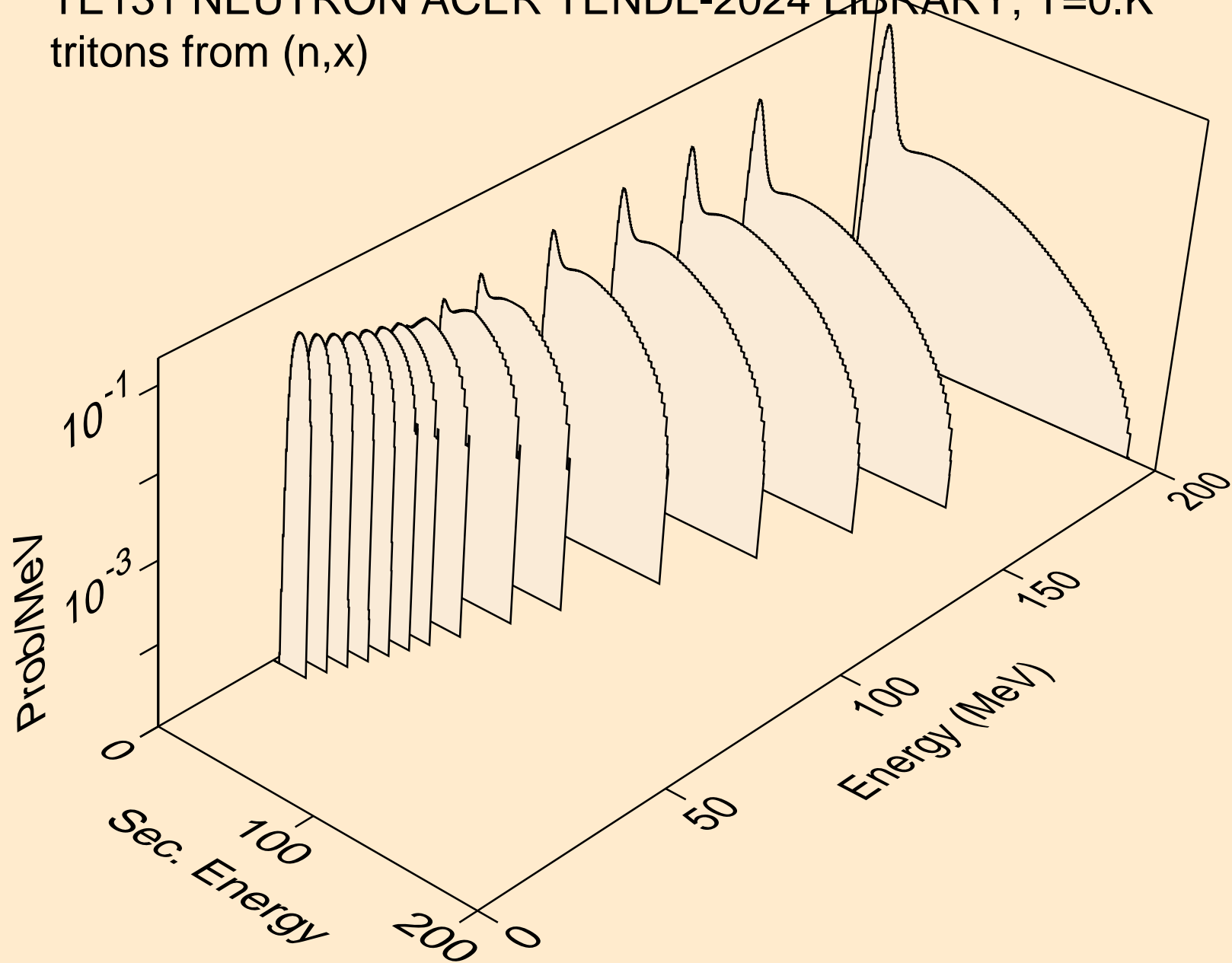
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deuterons from (n,d)



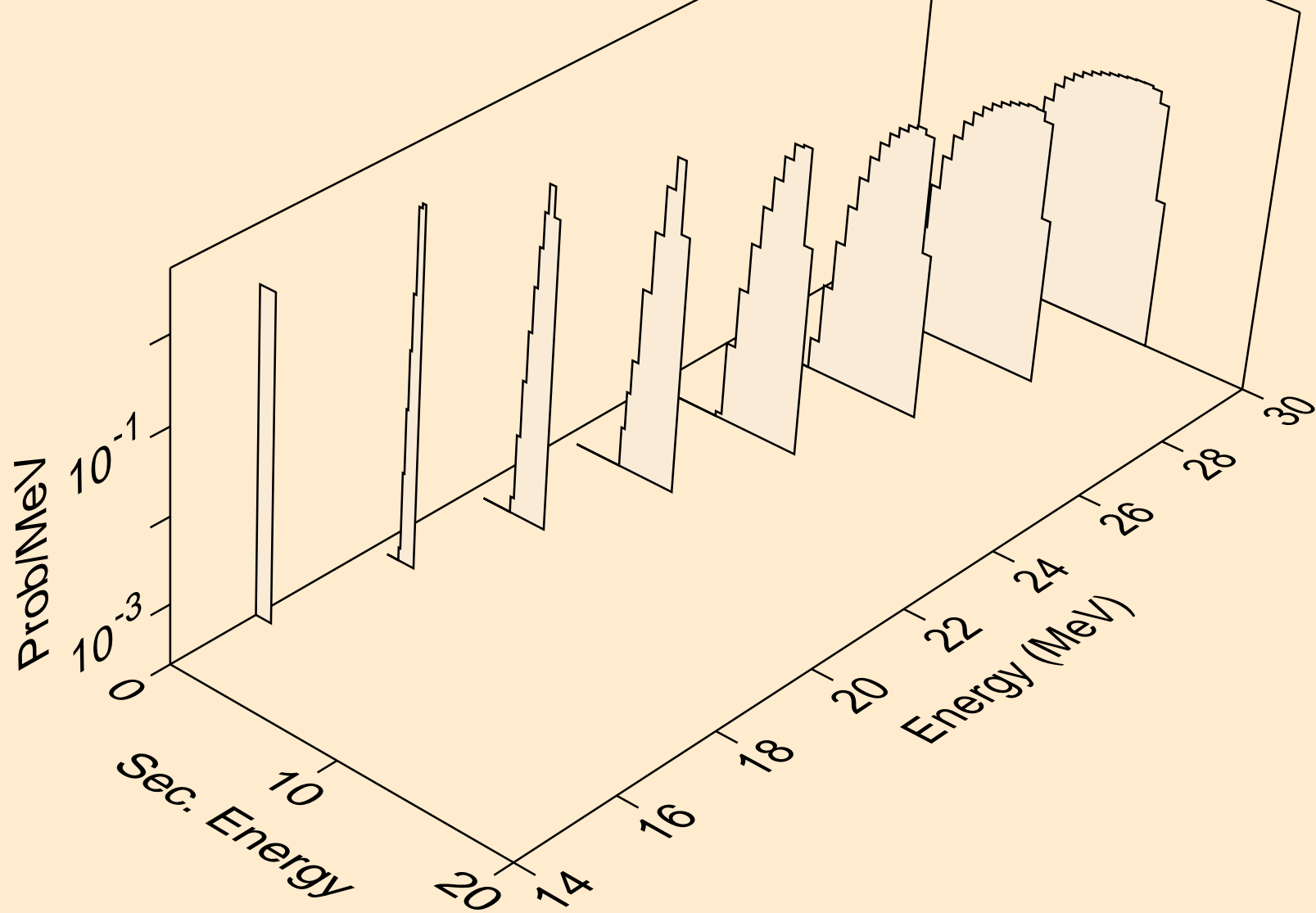
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

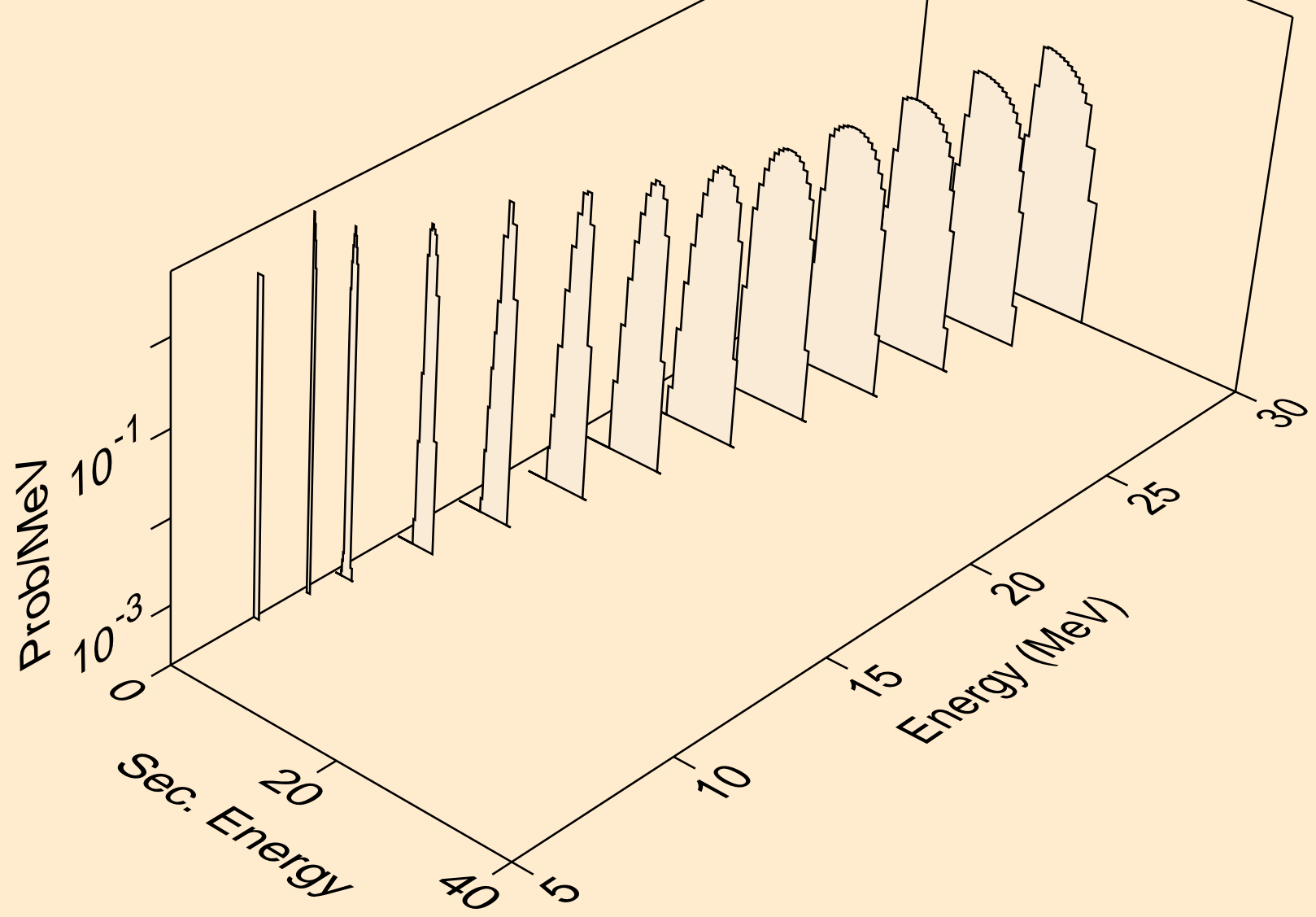


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

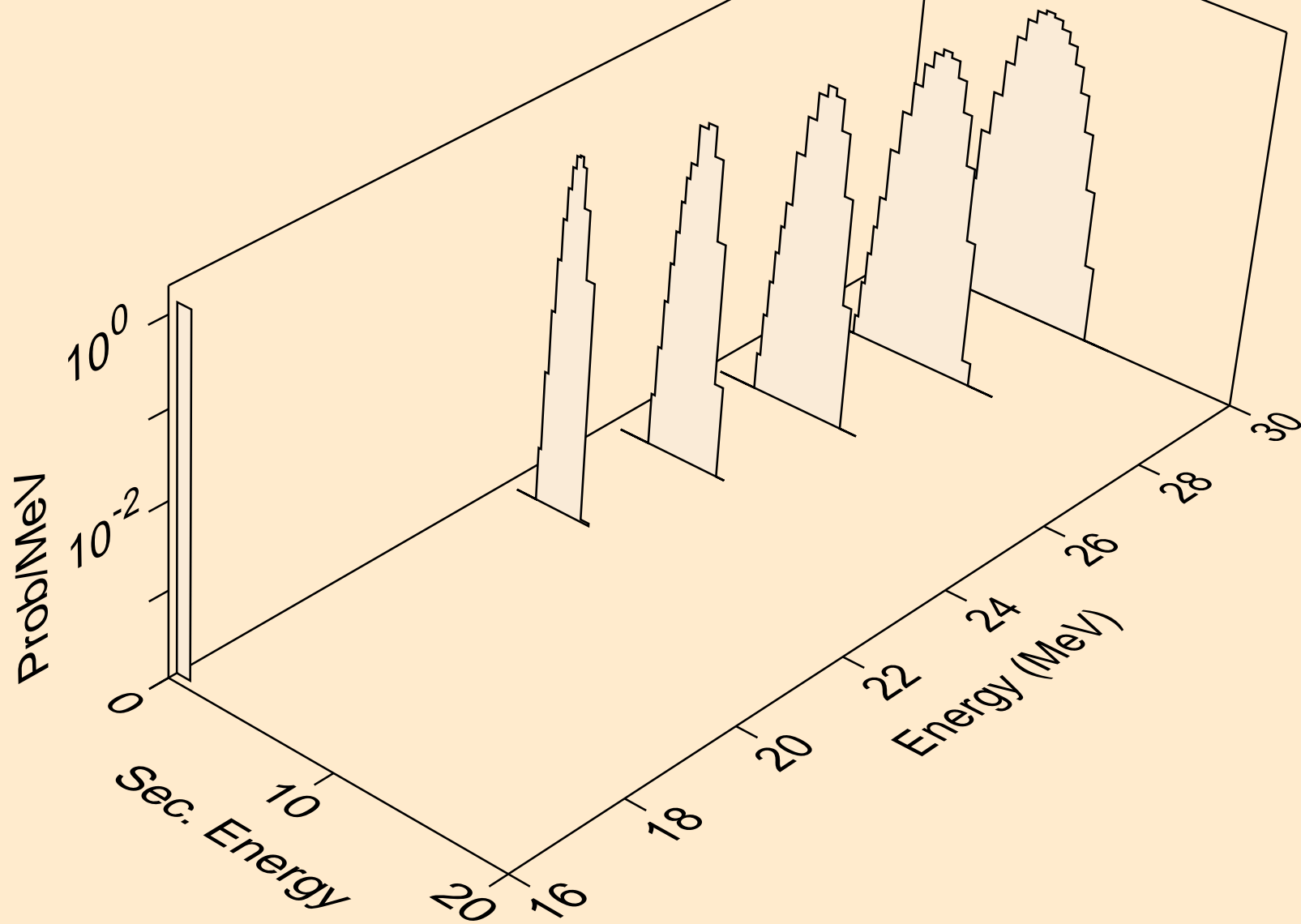




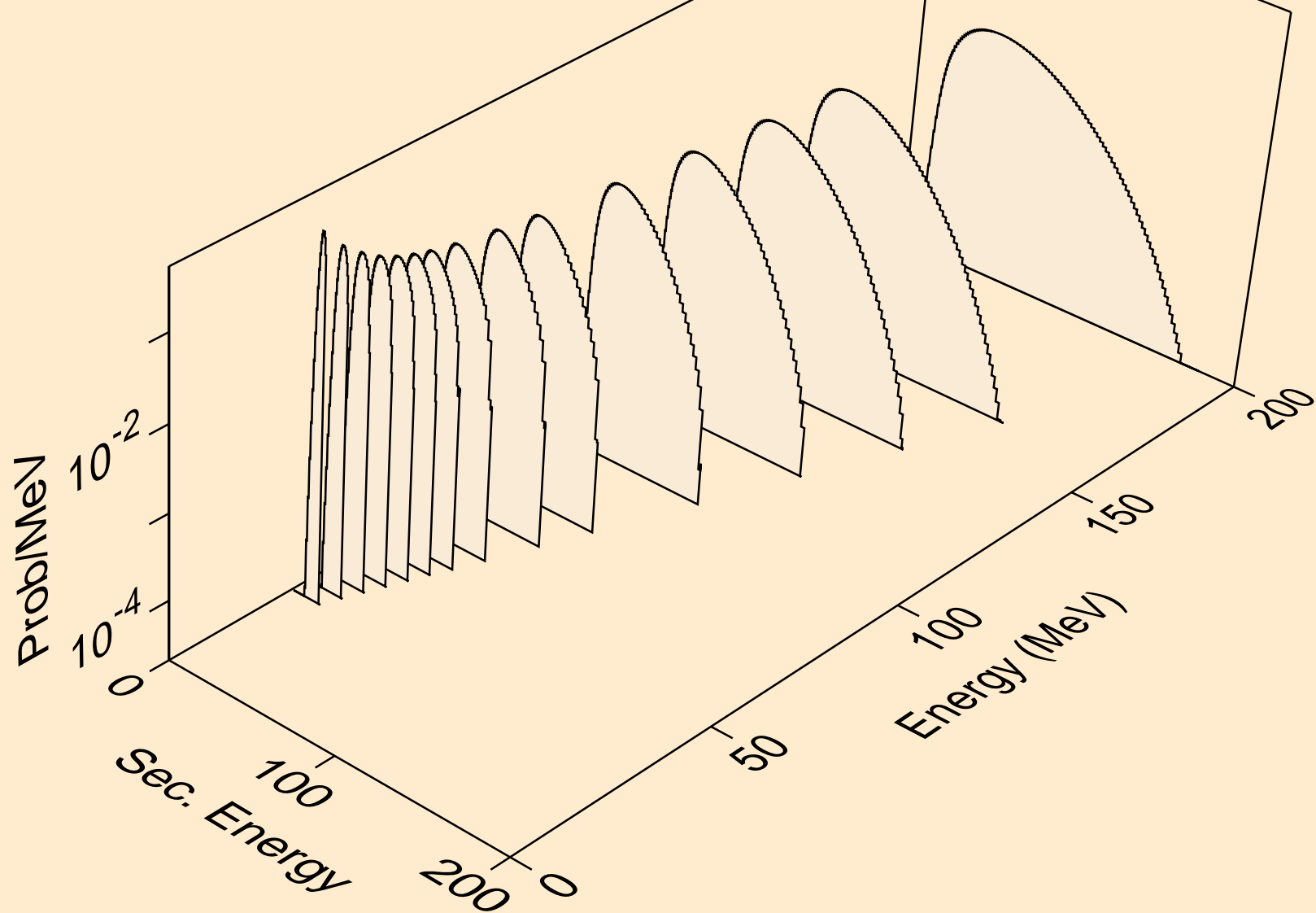
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



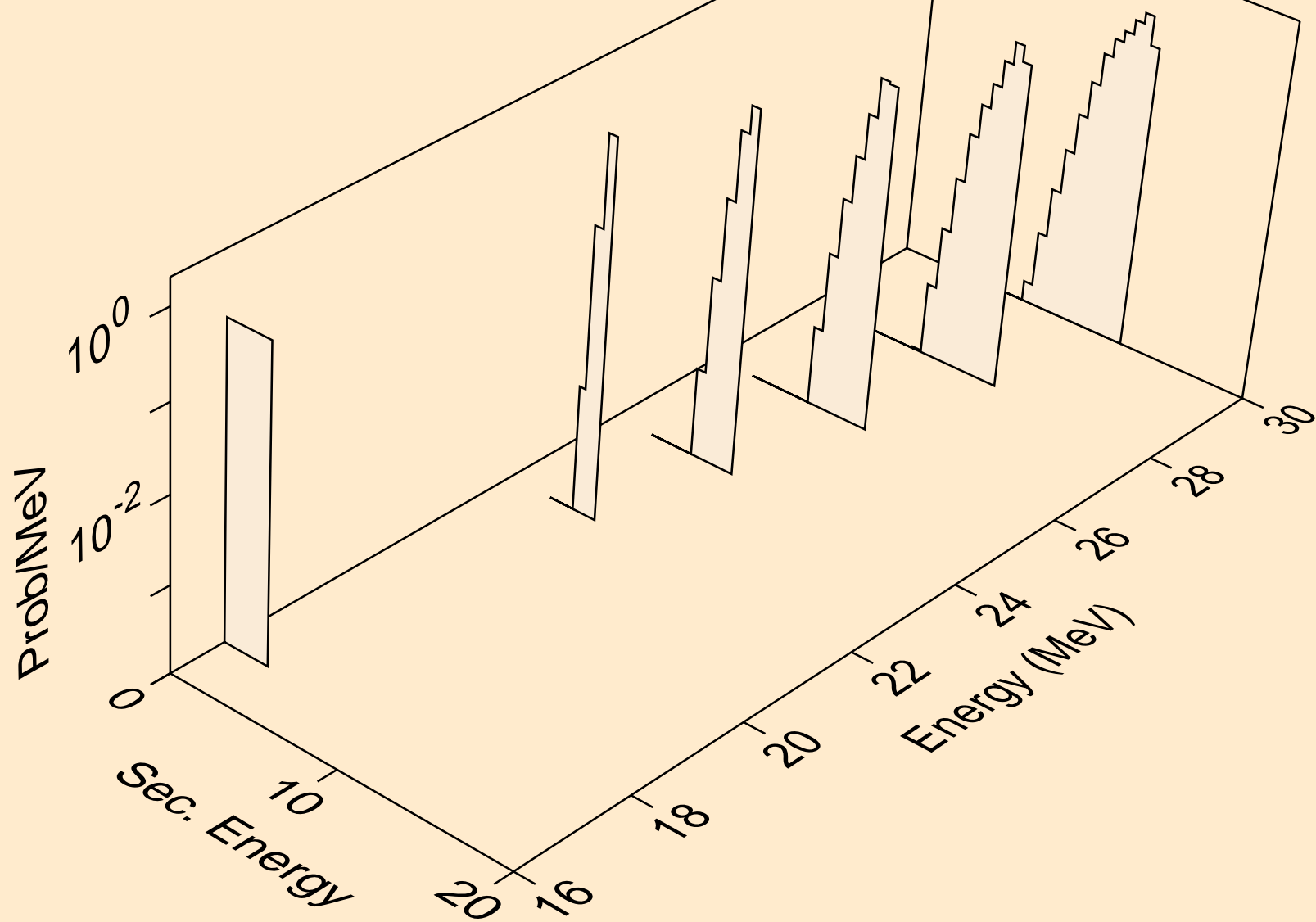
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



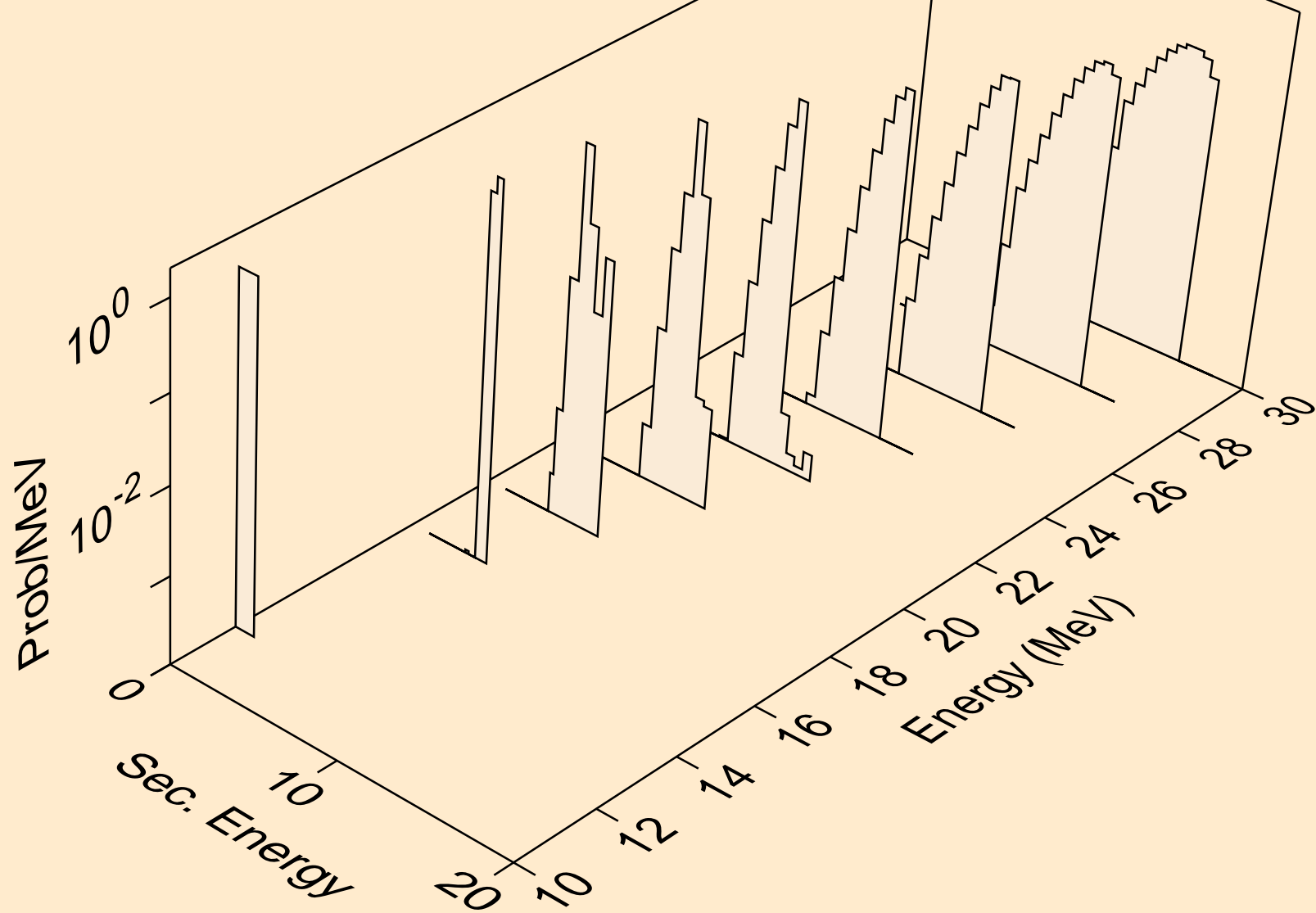
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



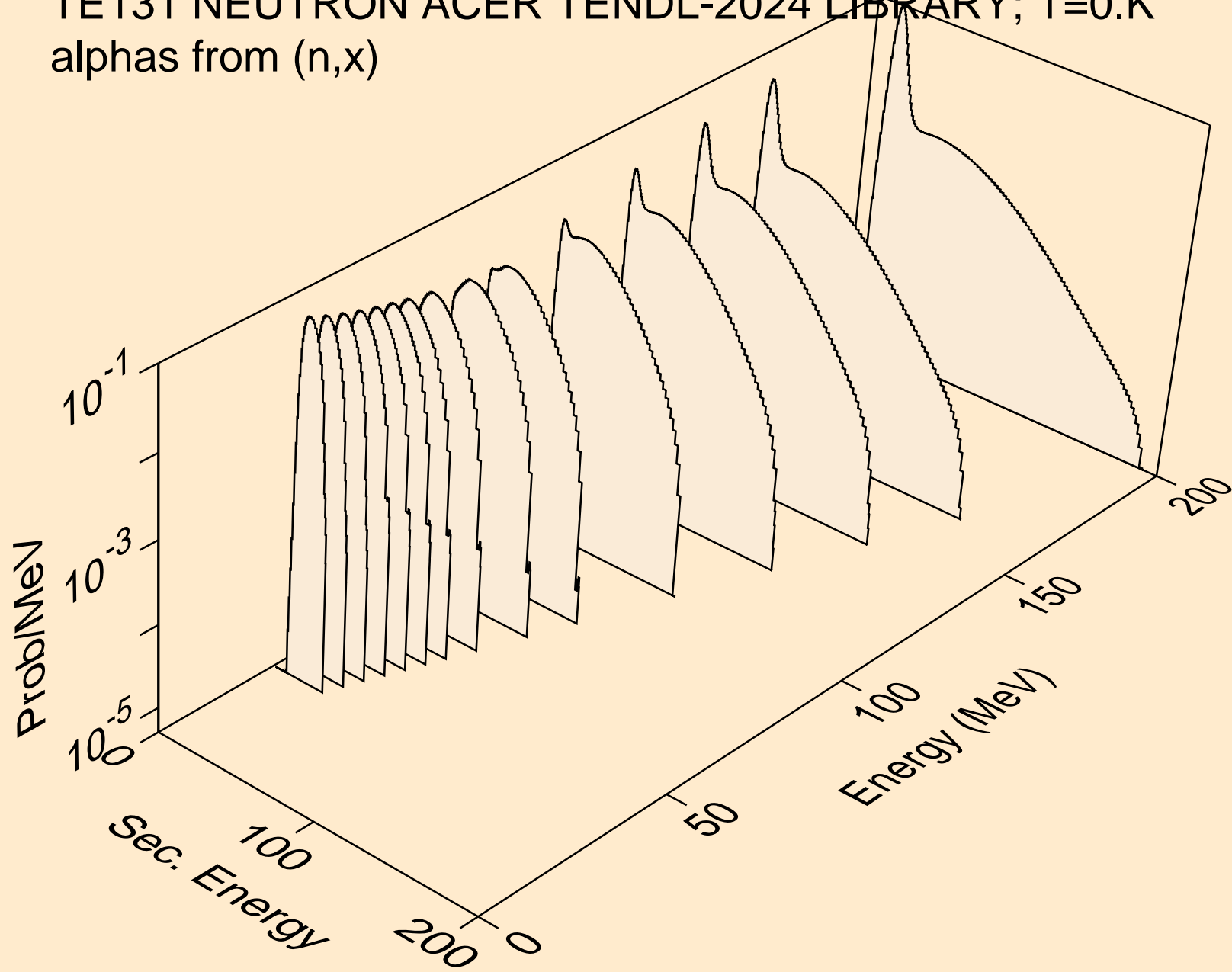
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



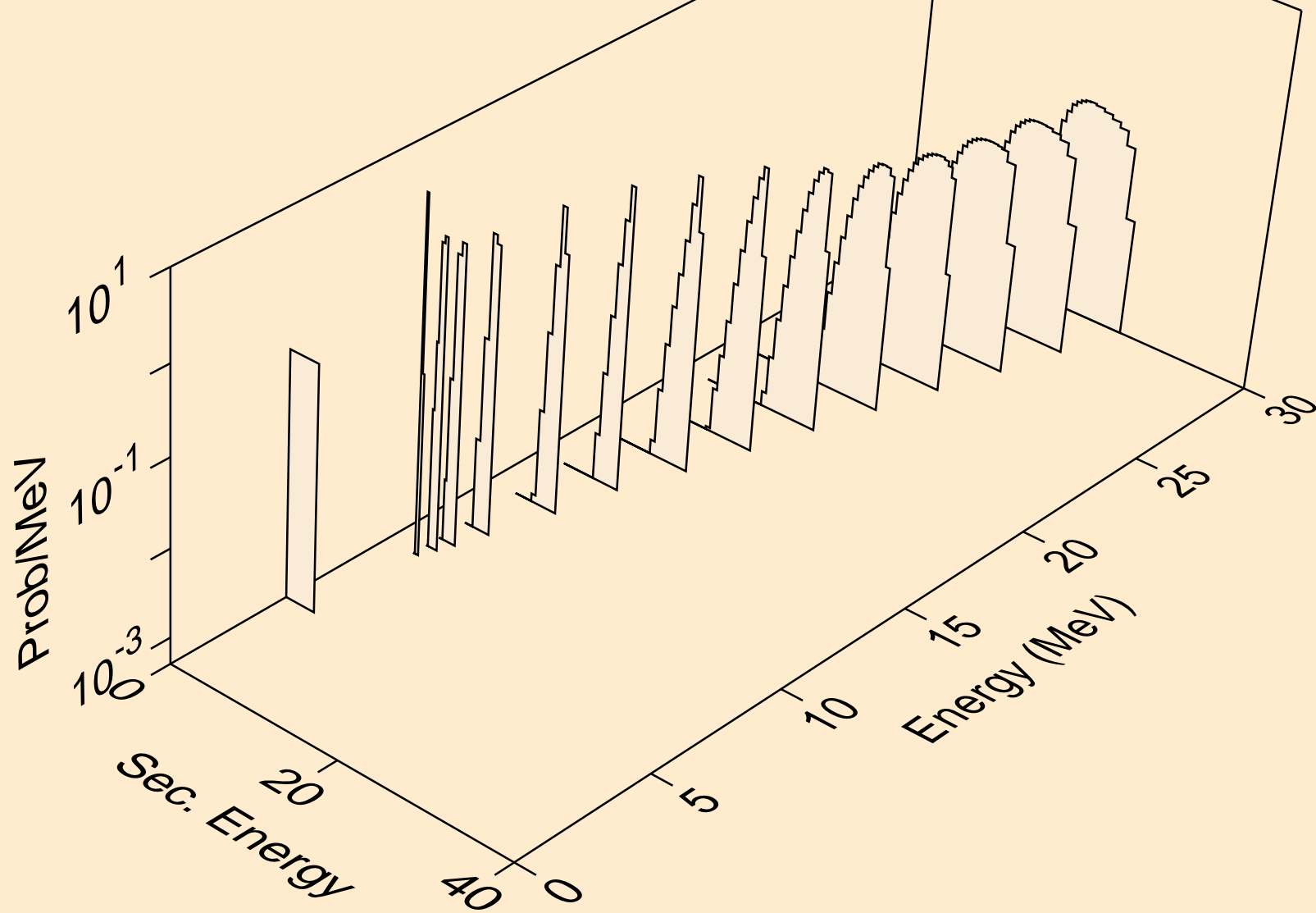
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



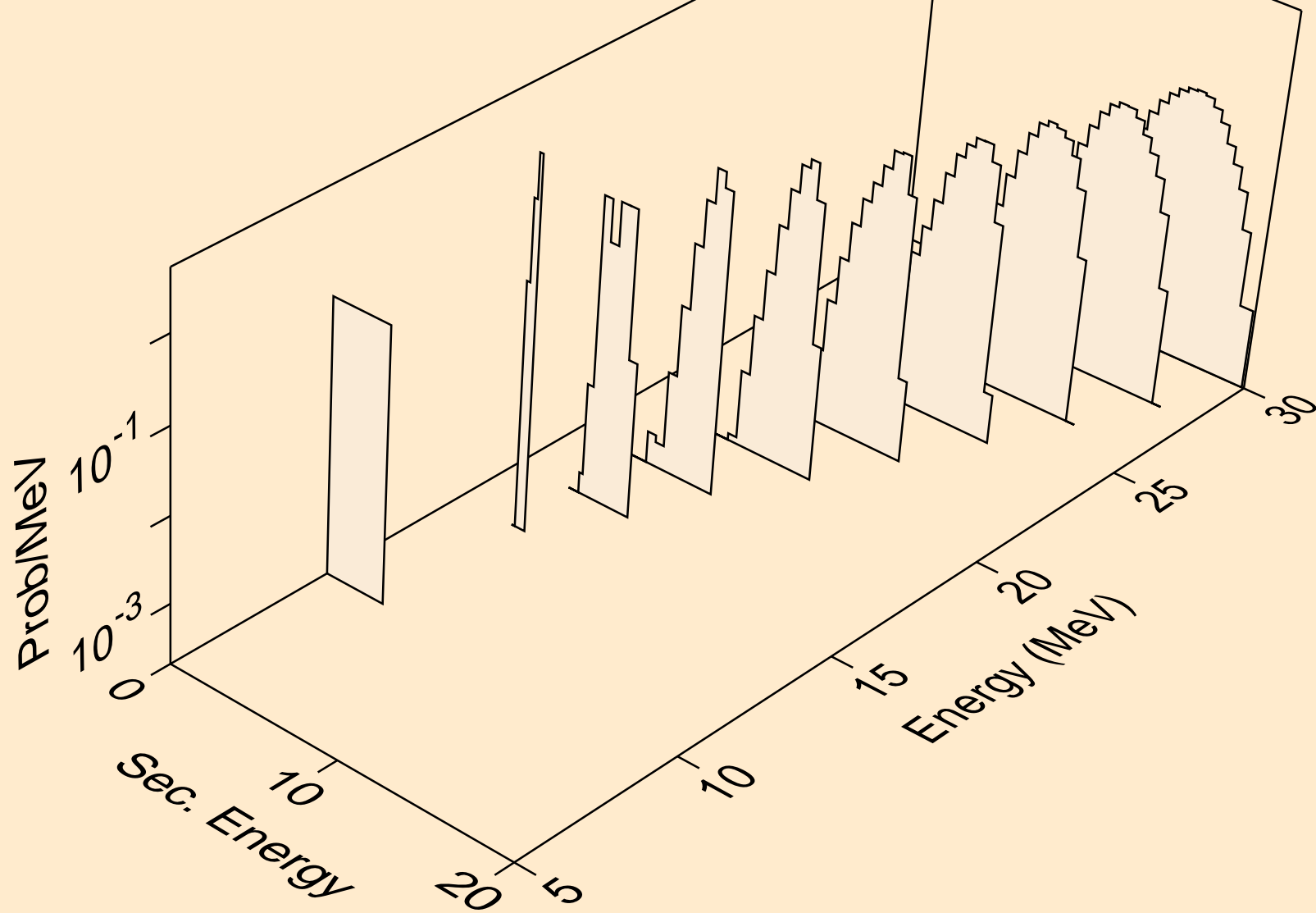
TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

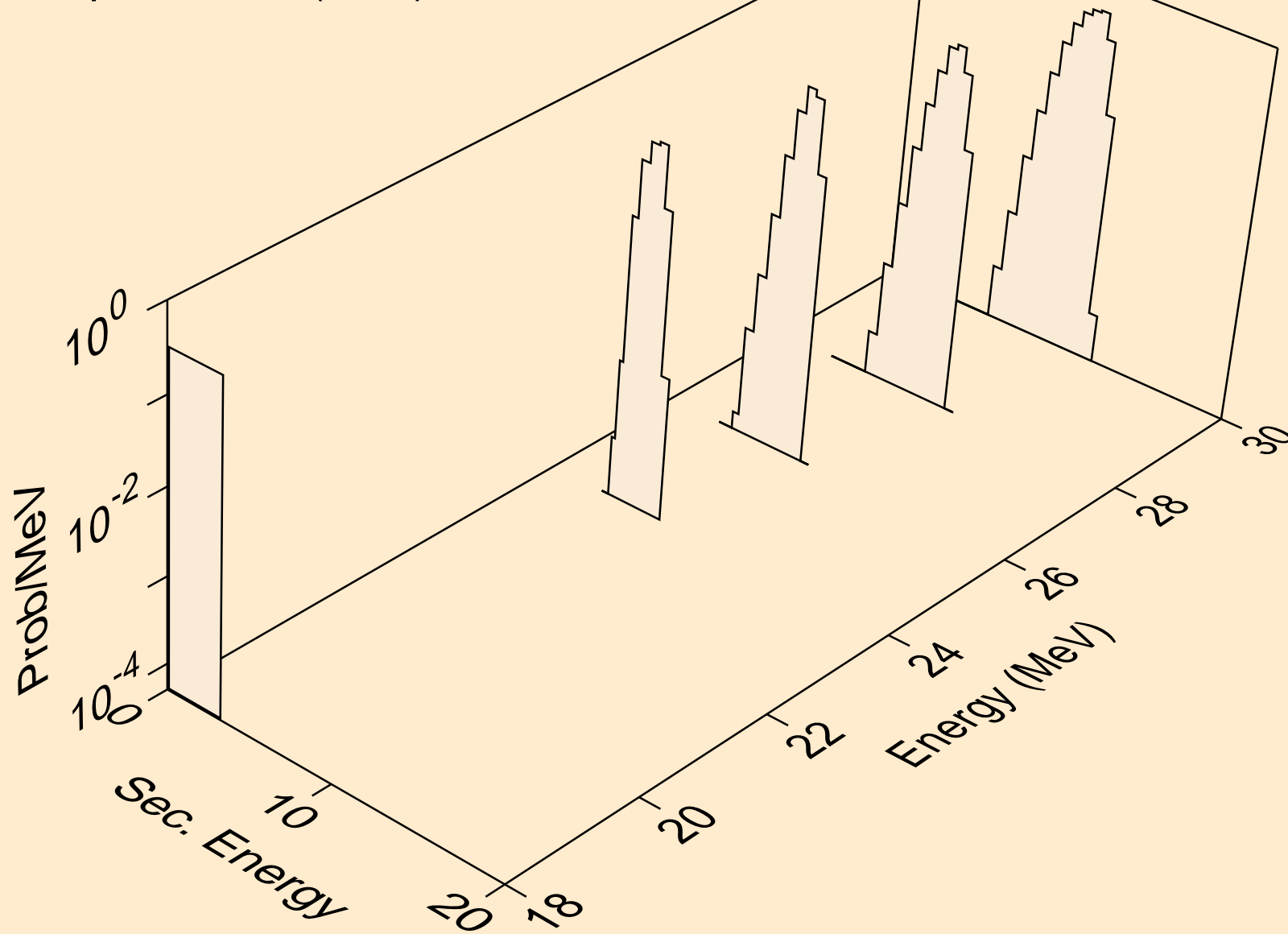


TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a





TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



TE131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

