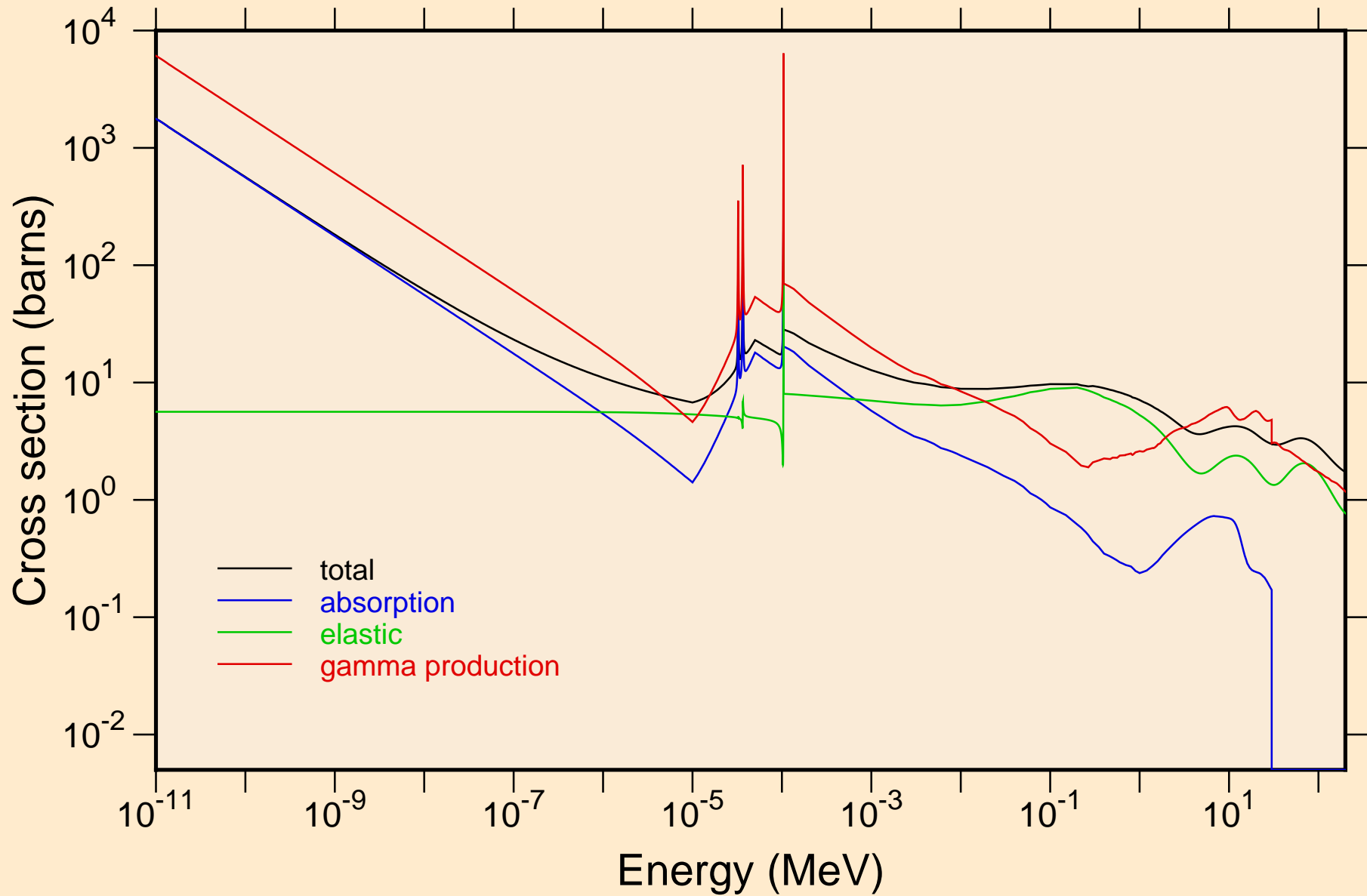
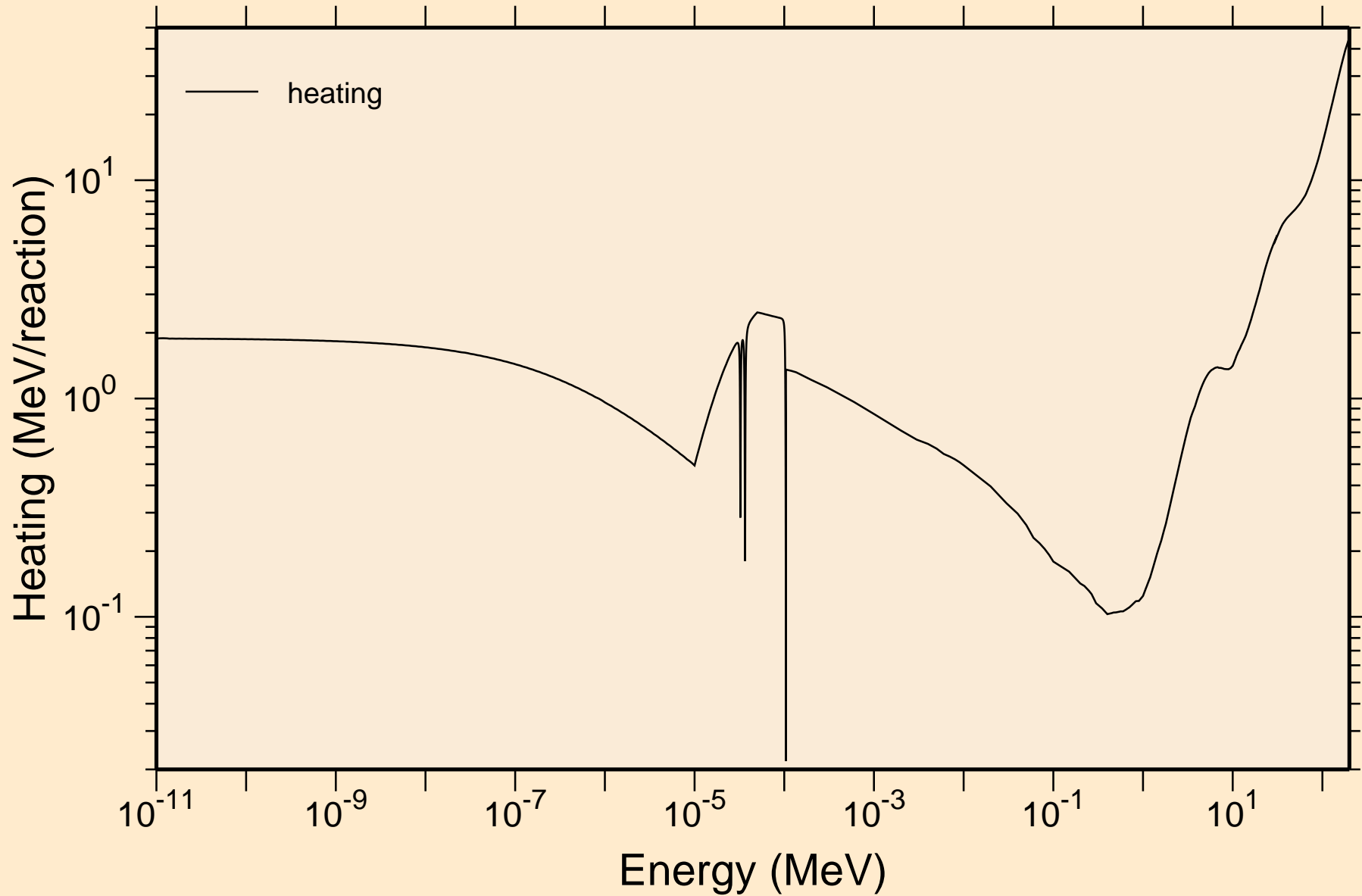


# PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

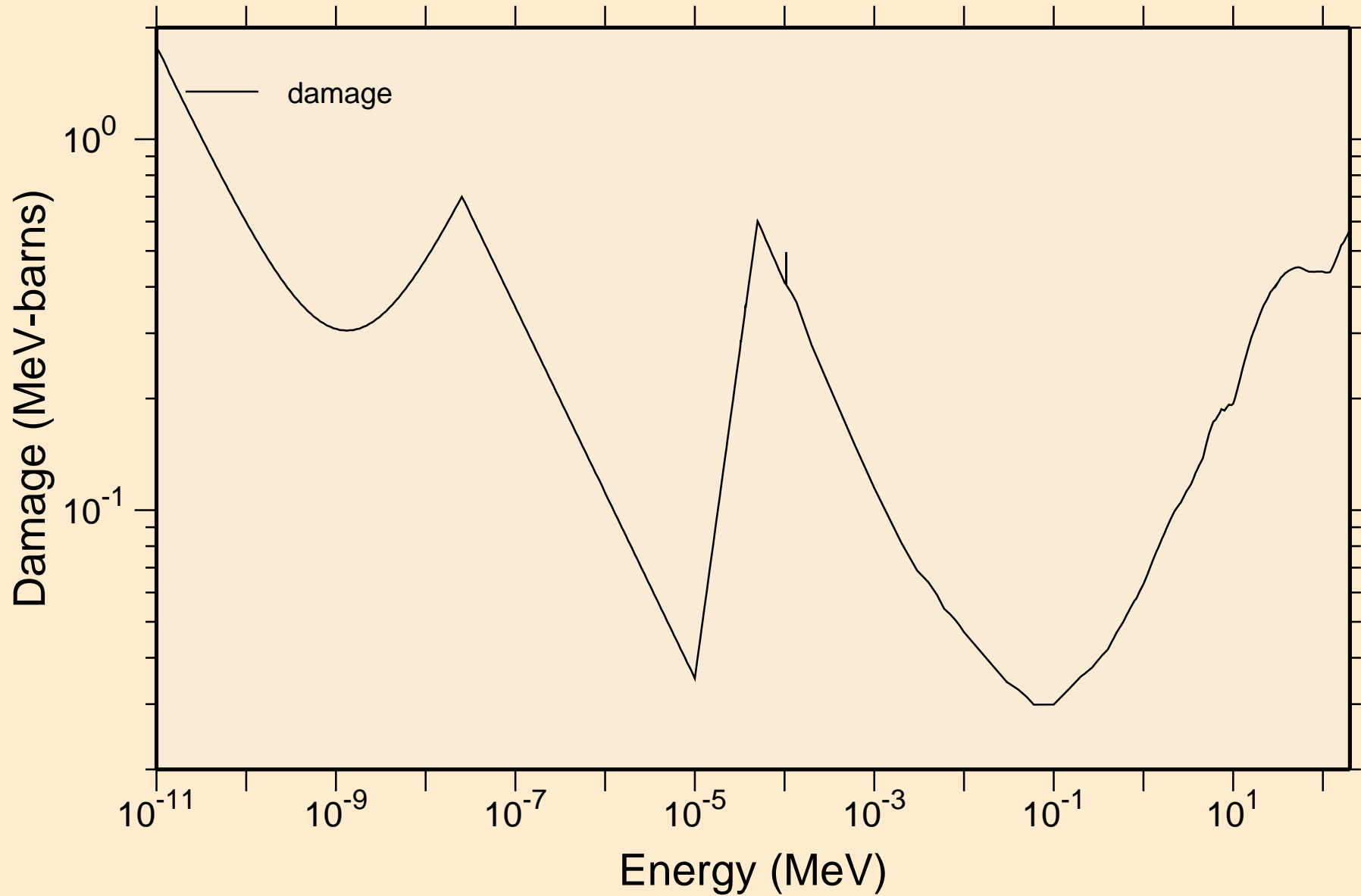
## Principal cross sections



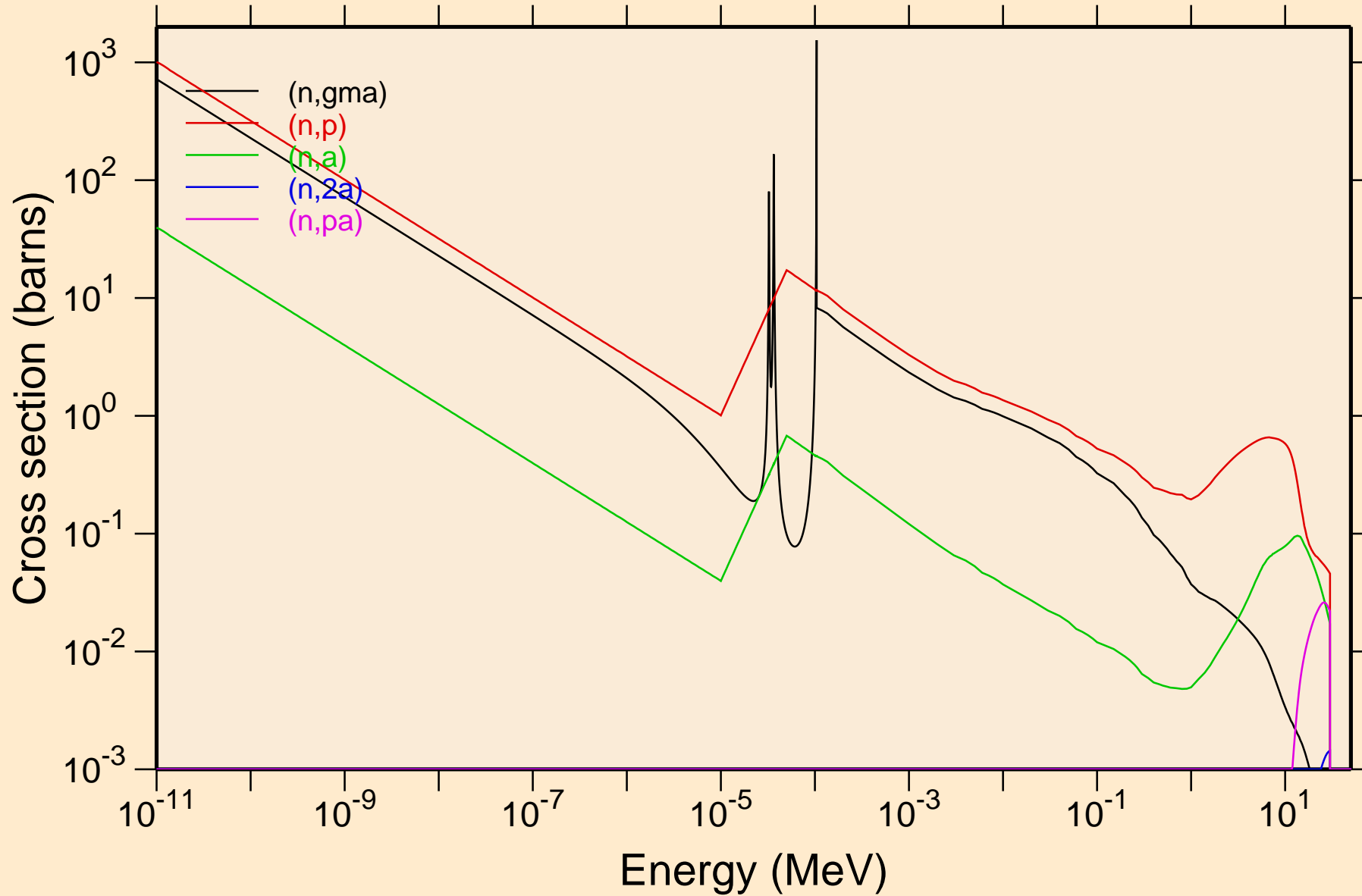
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



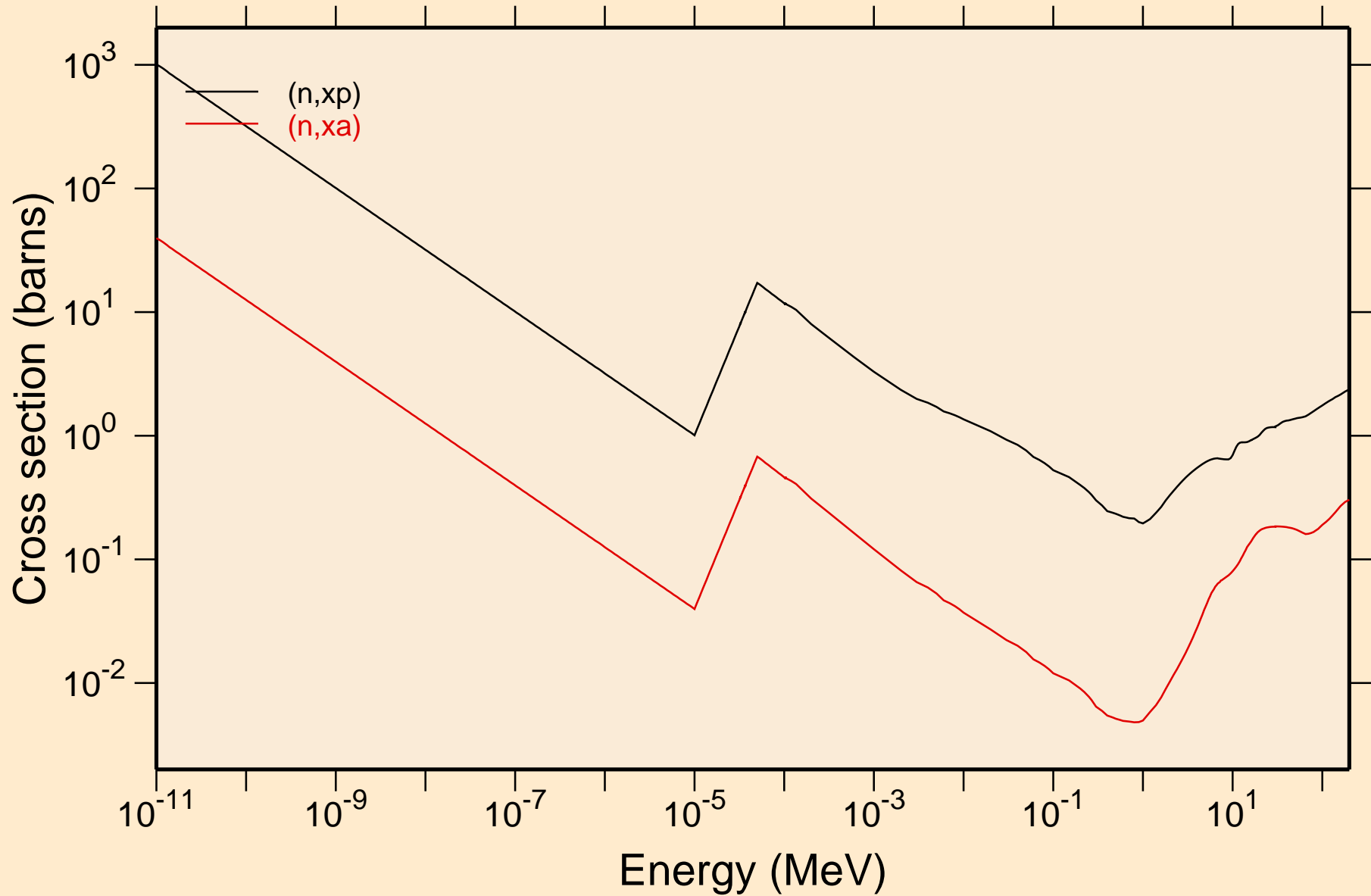
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

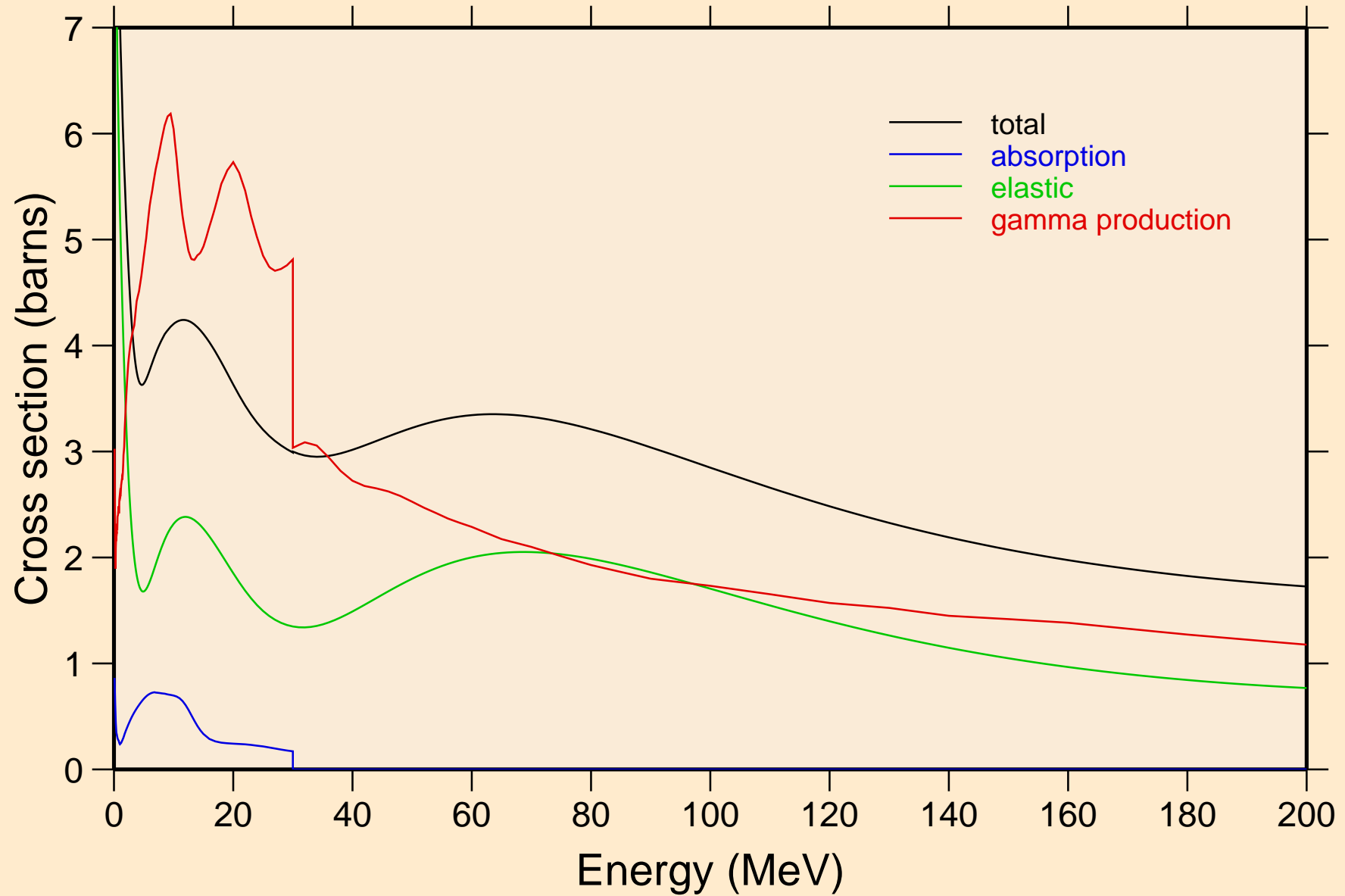


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



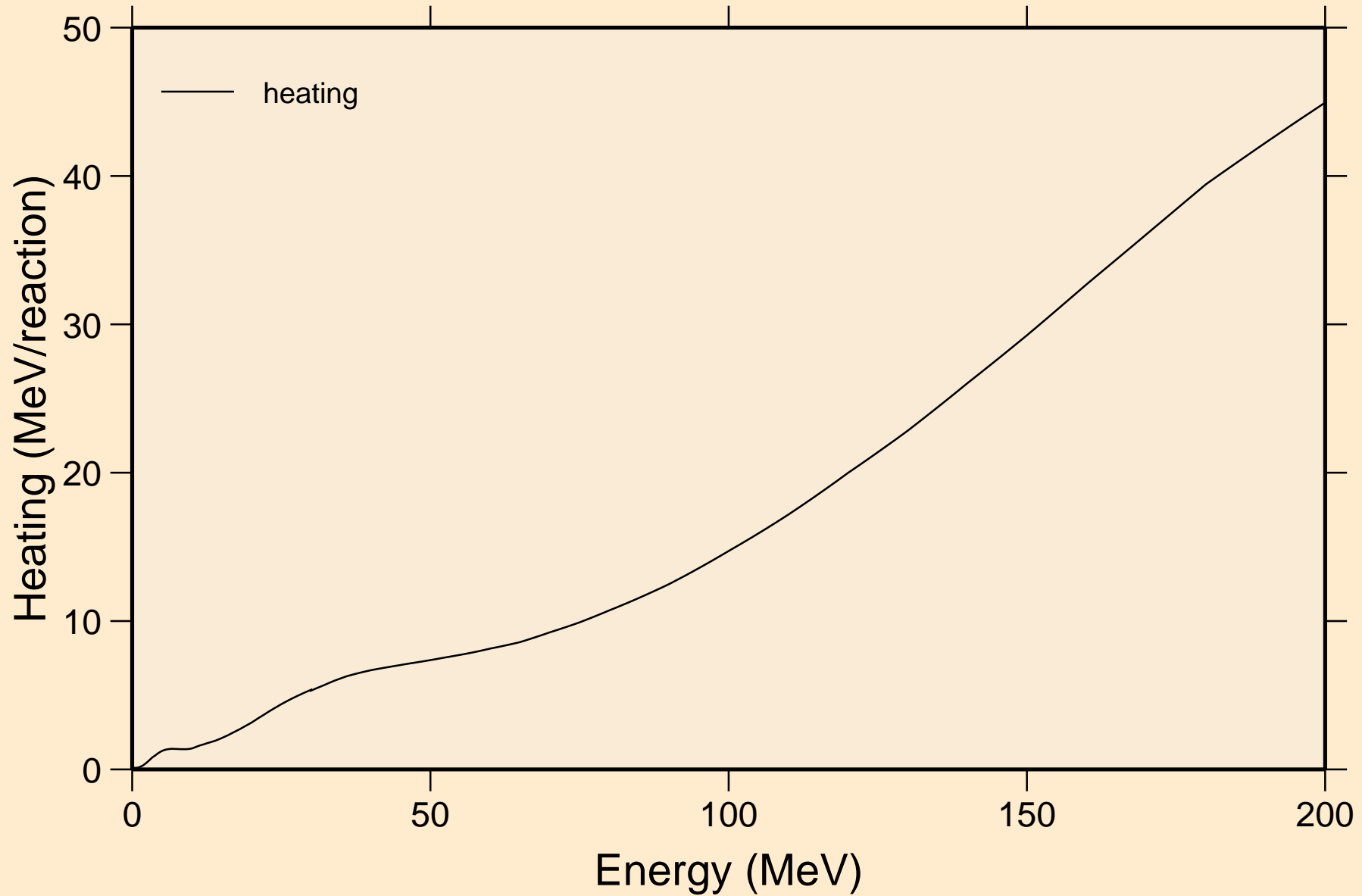
# PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

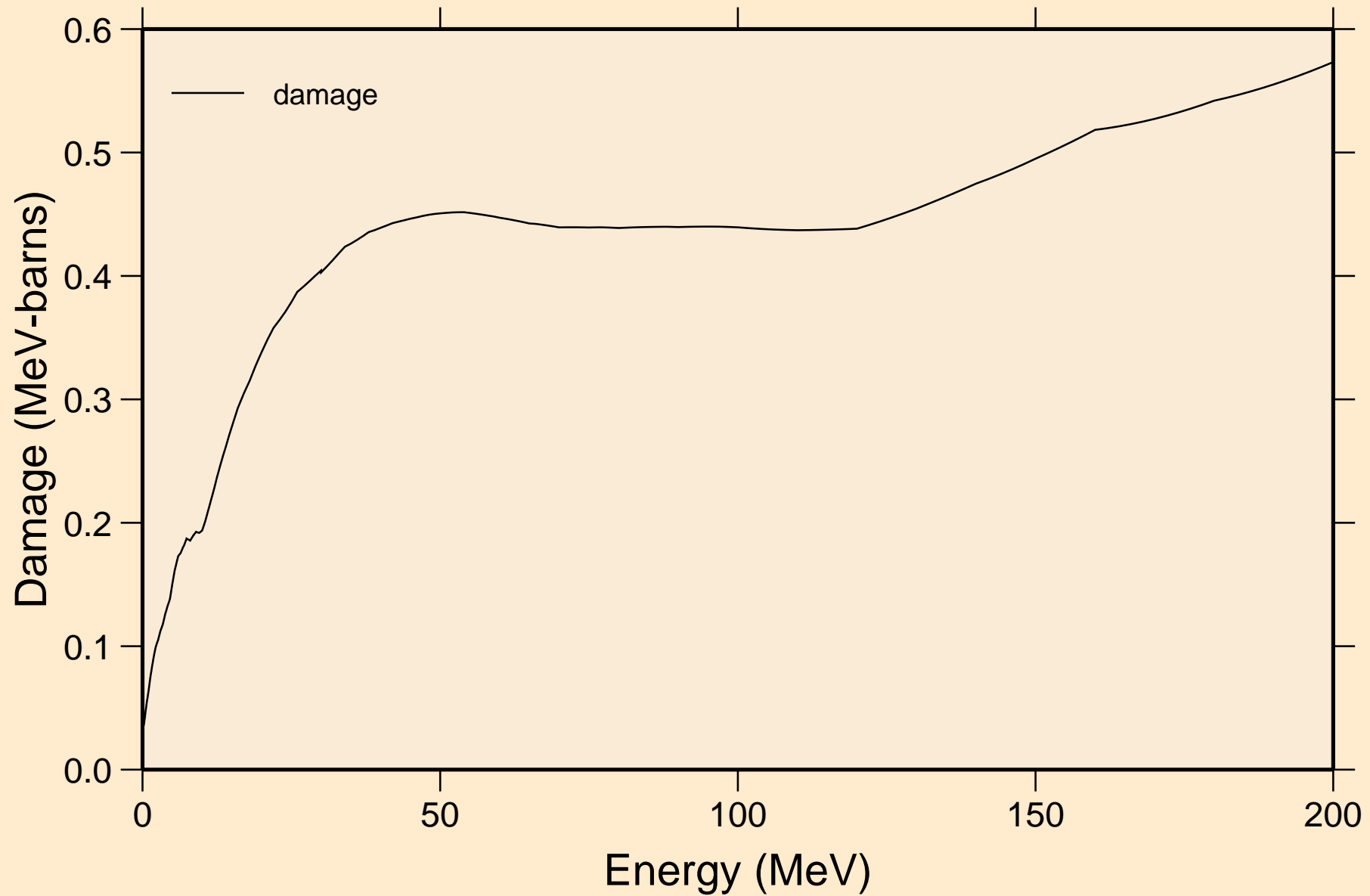


# PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

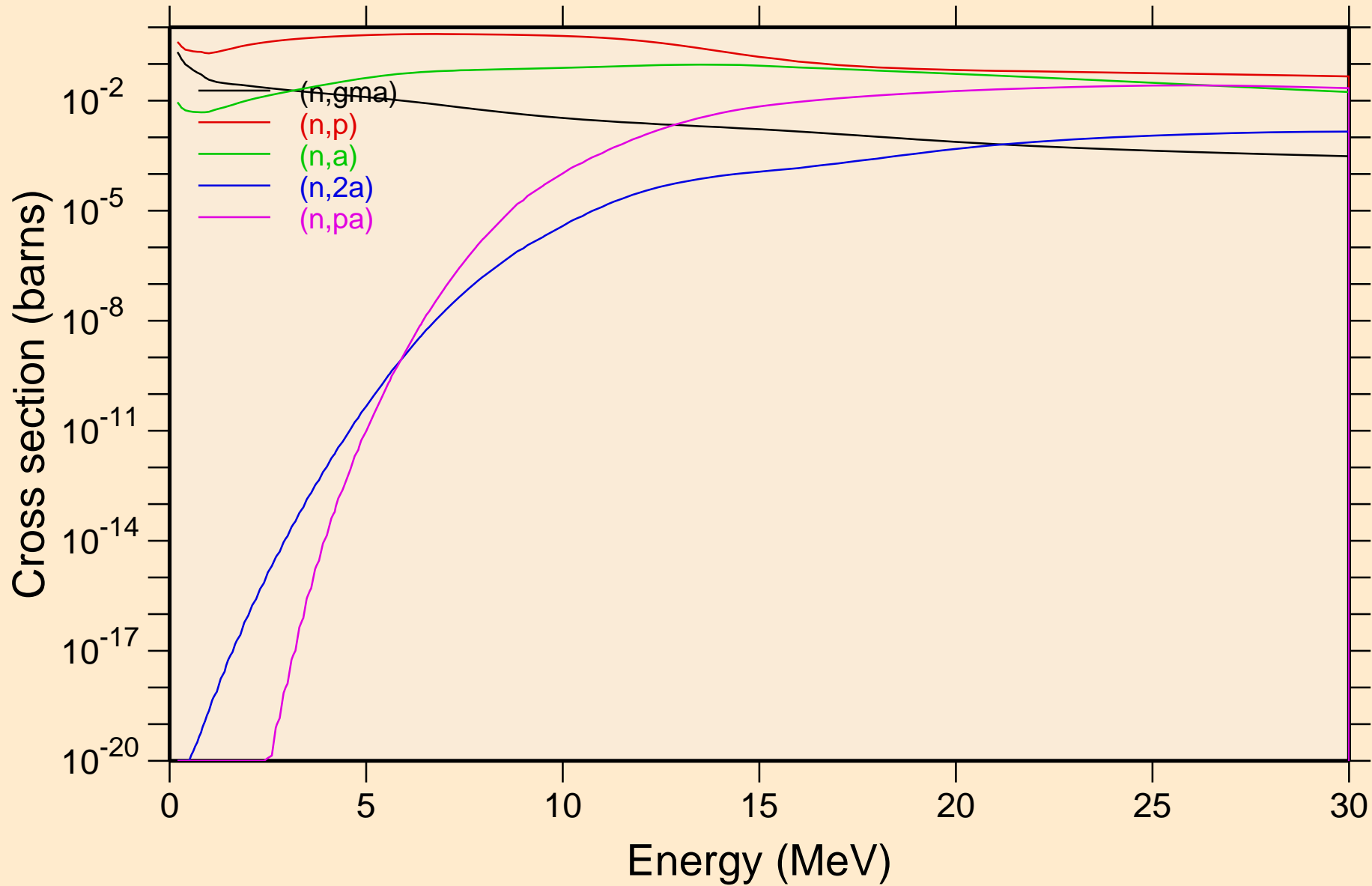


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

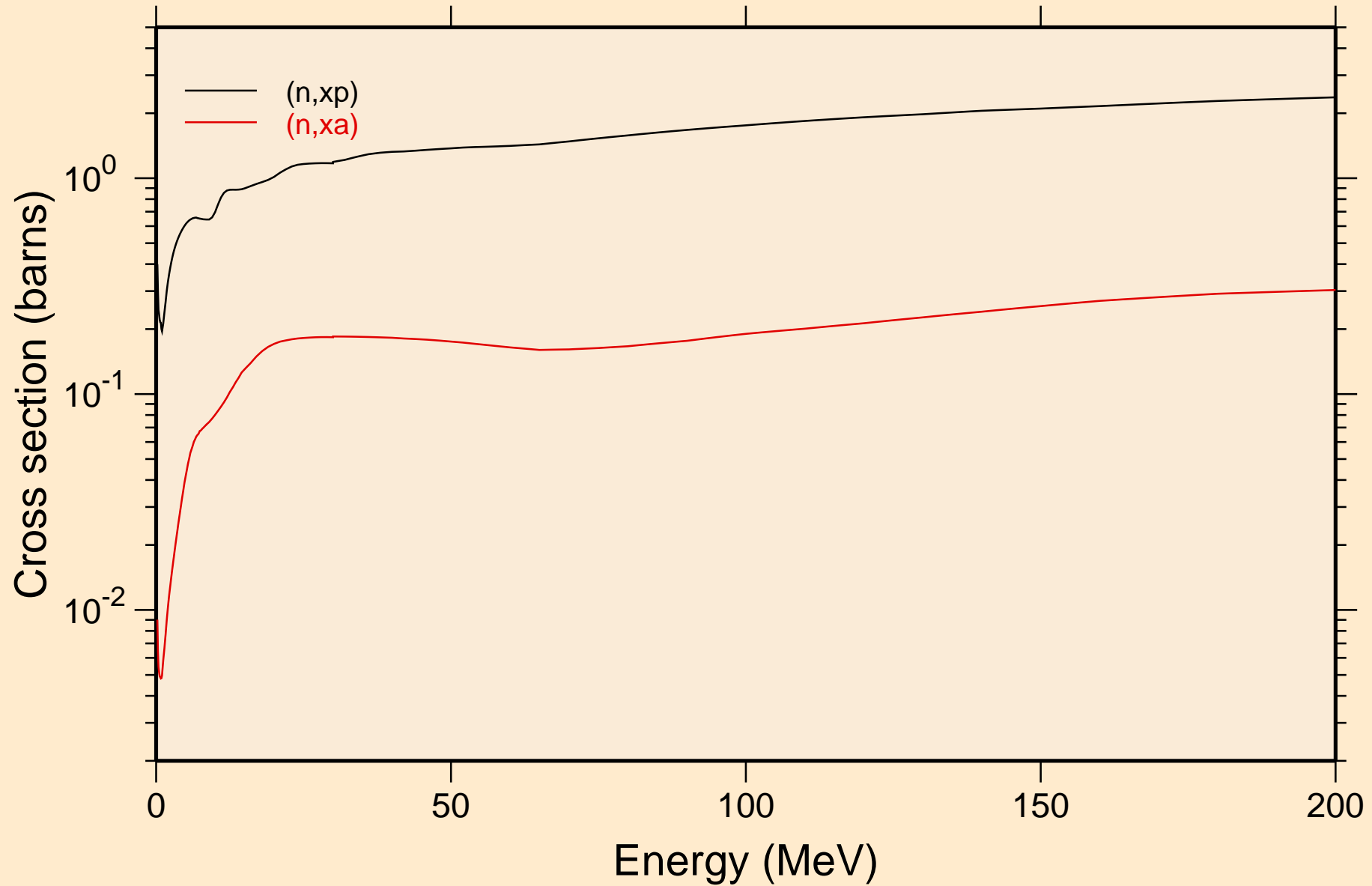




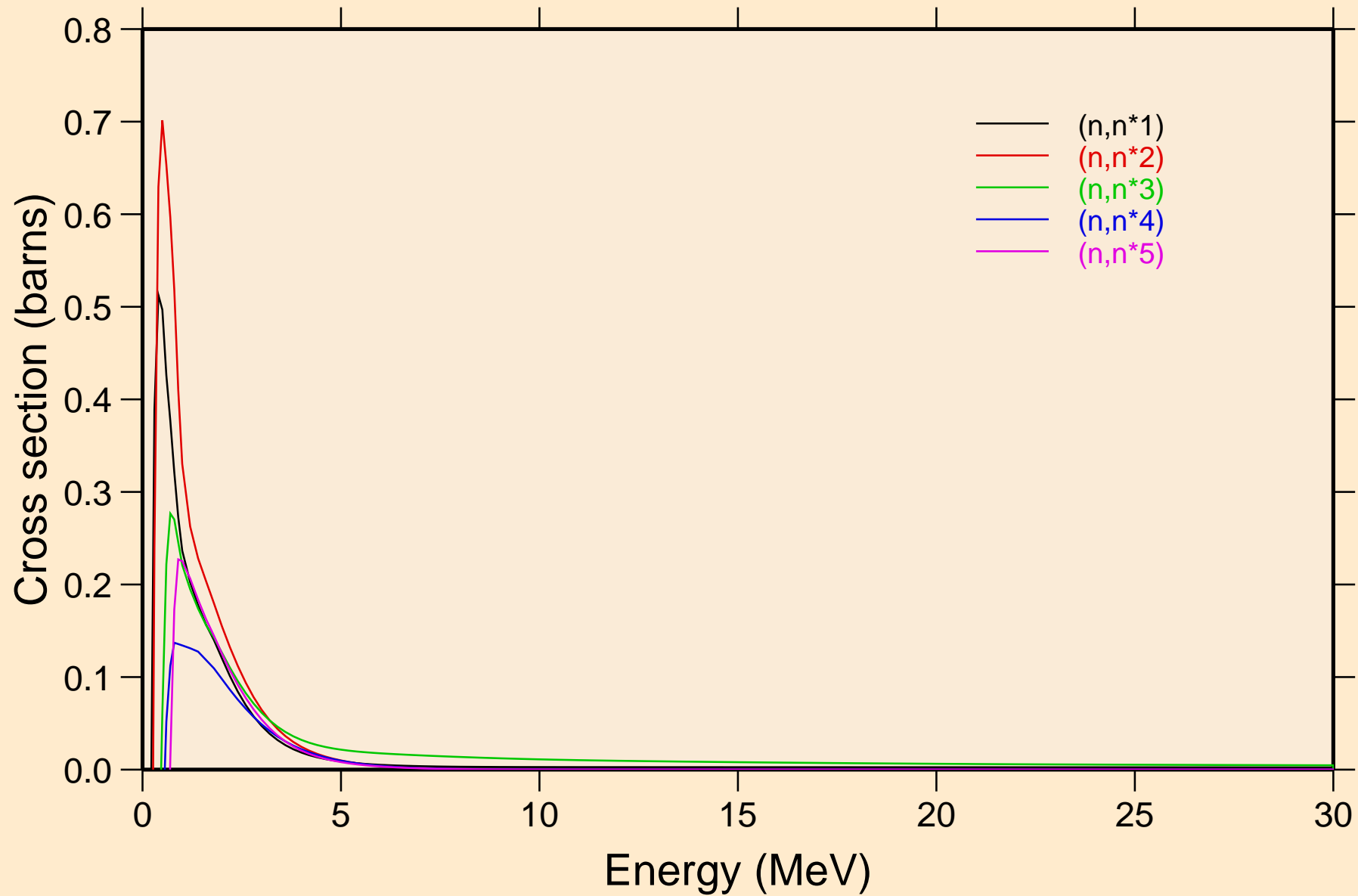
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



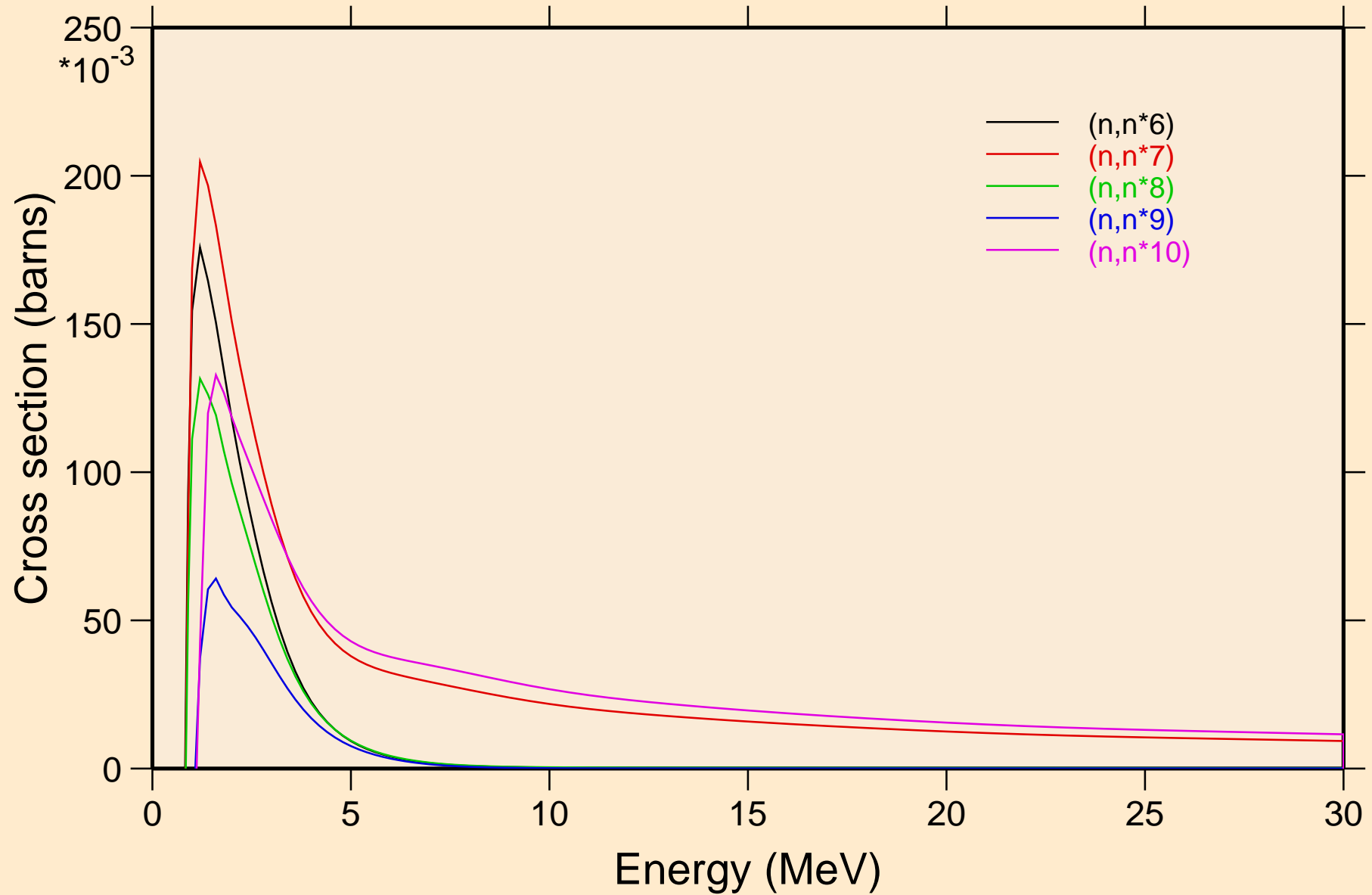
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



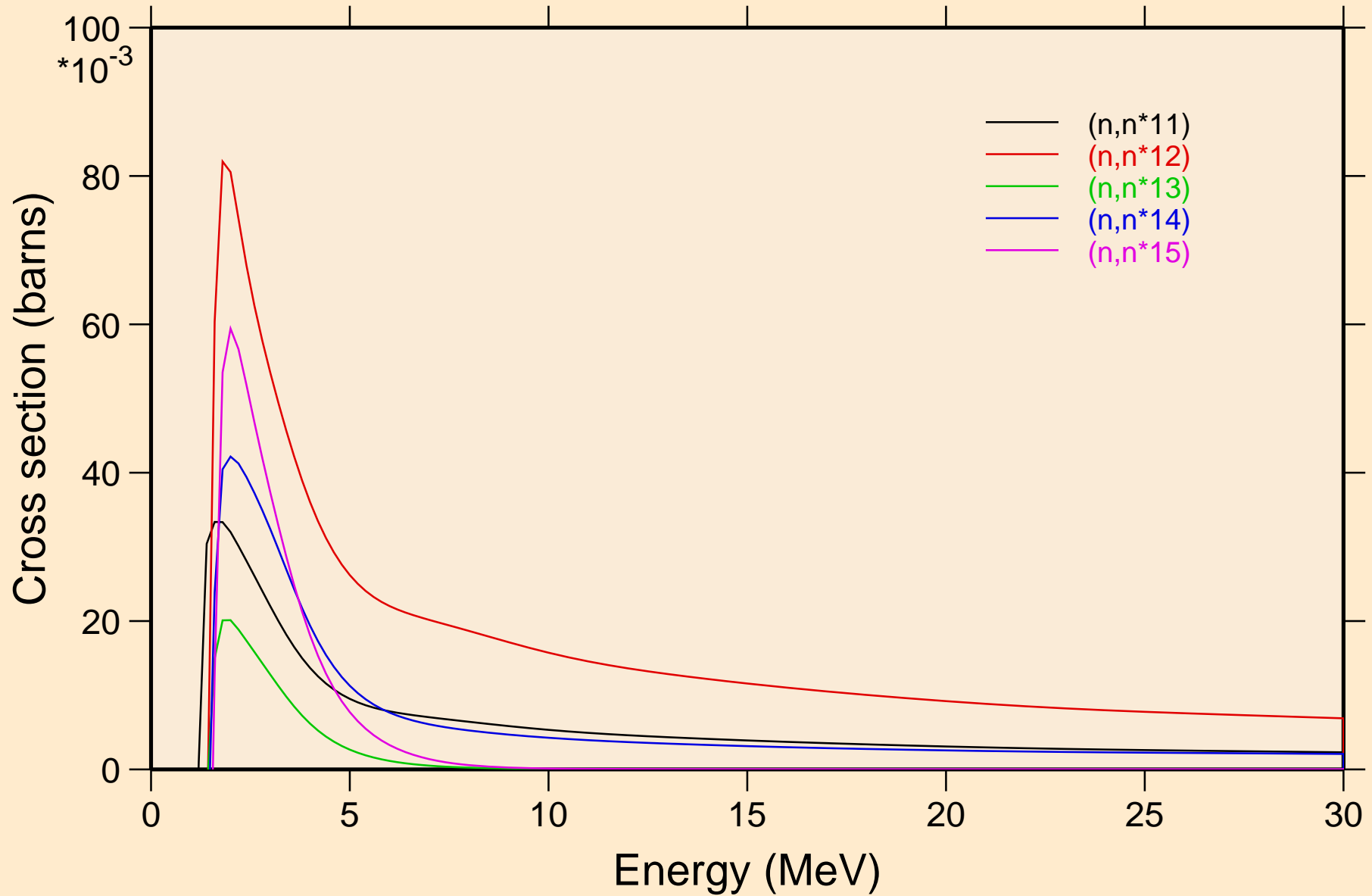
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



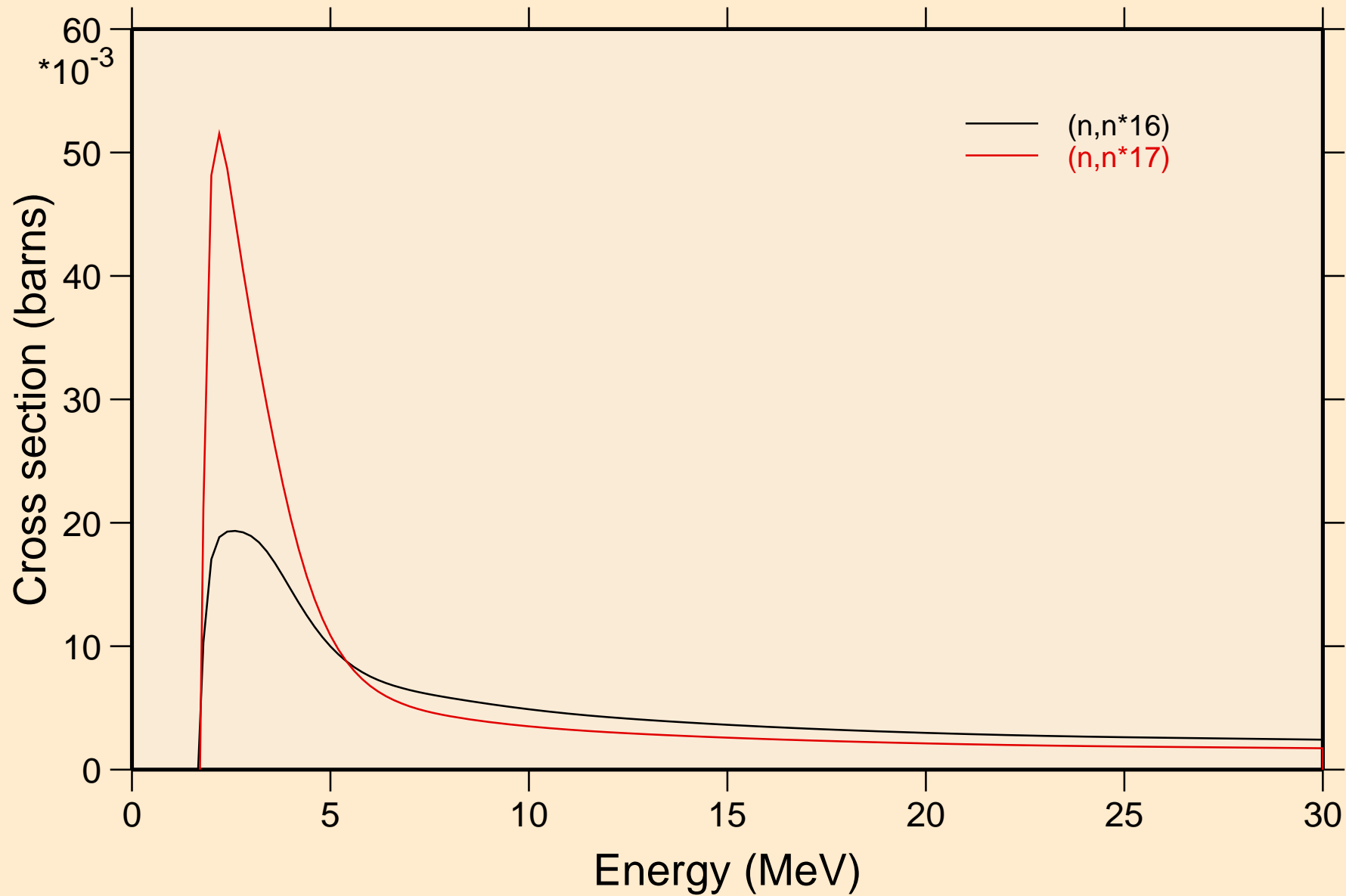
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



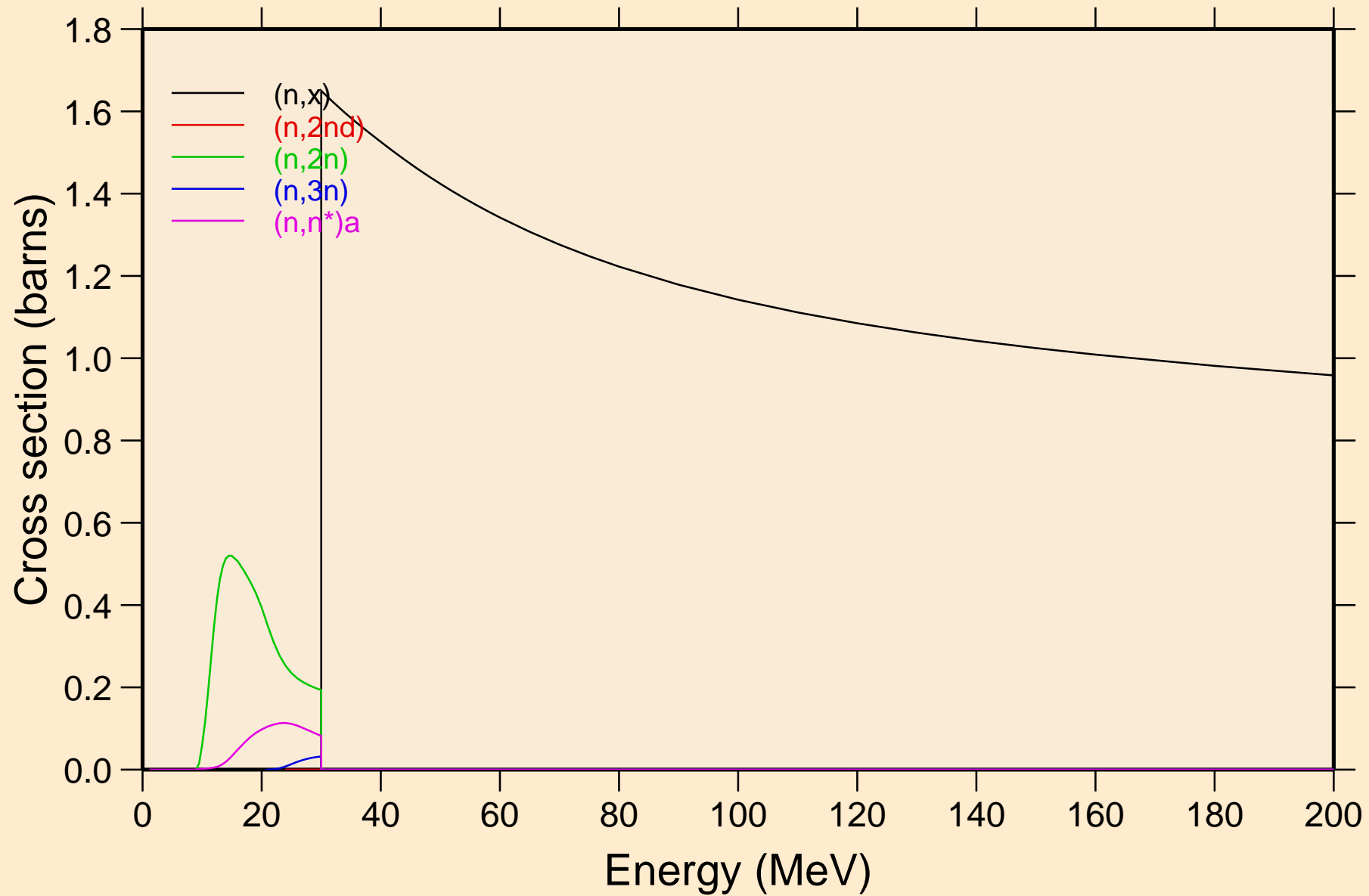
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



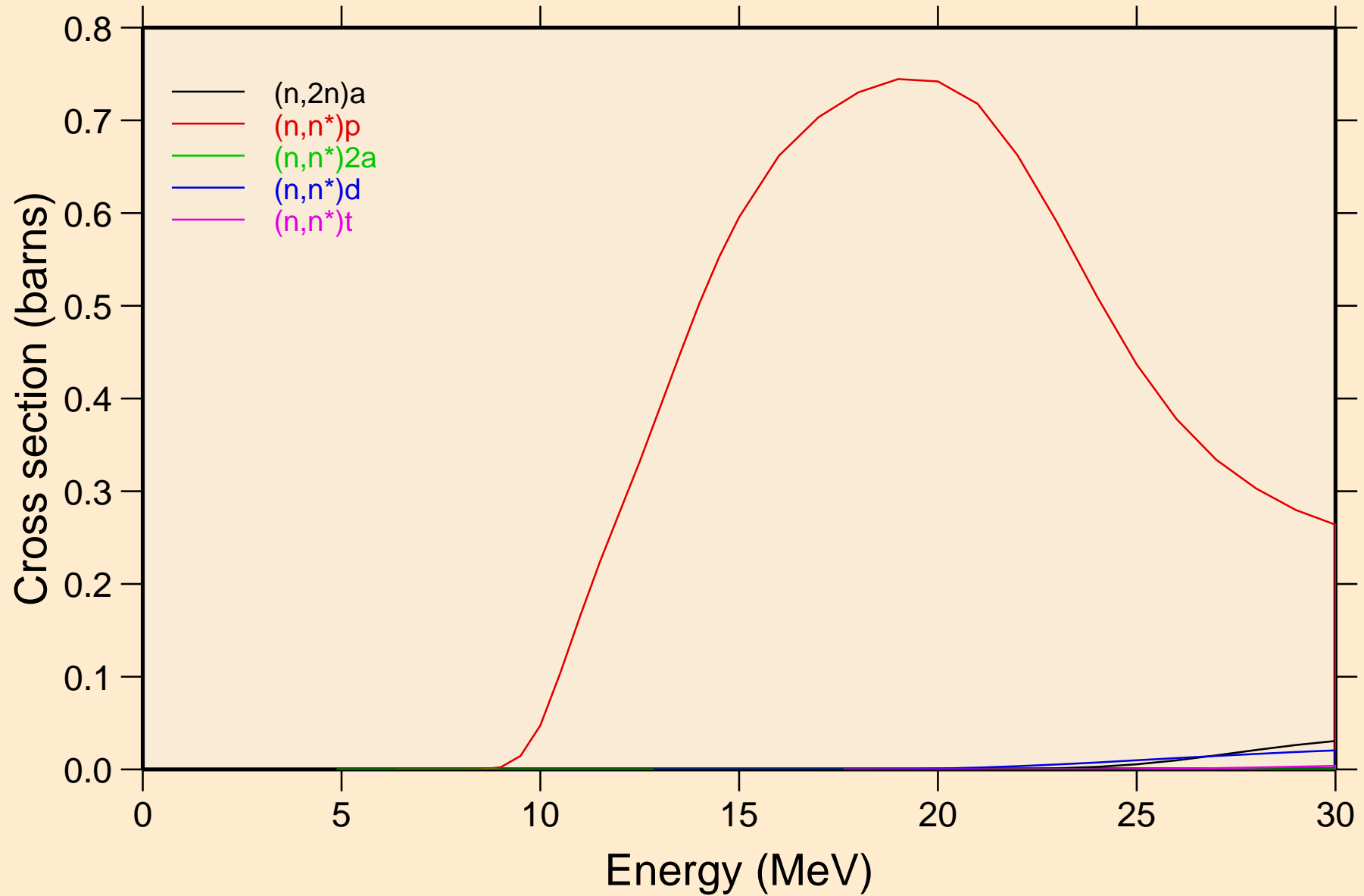
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

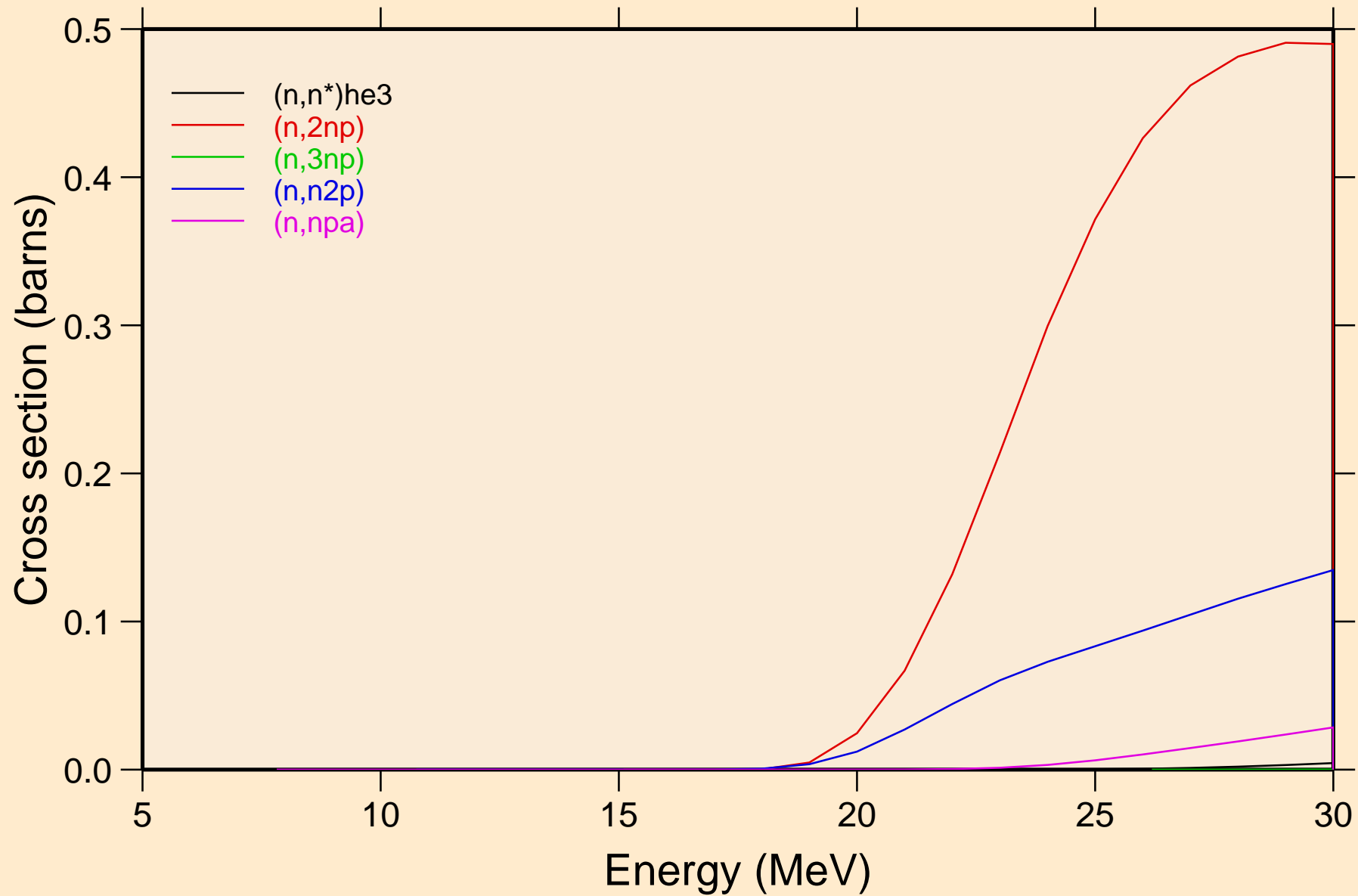


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

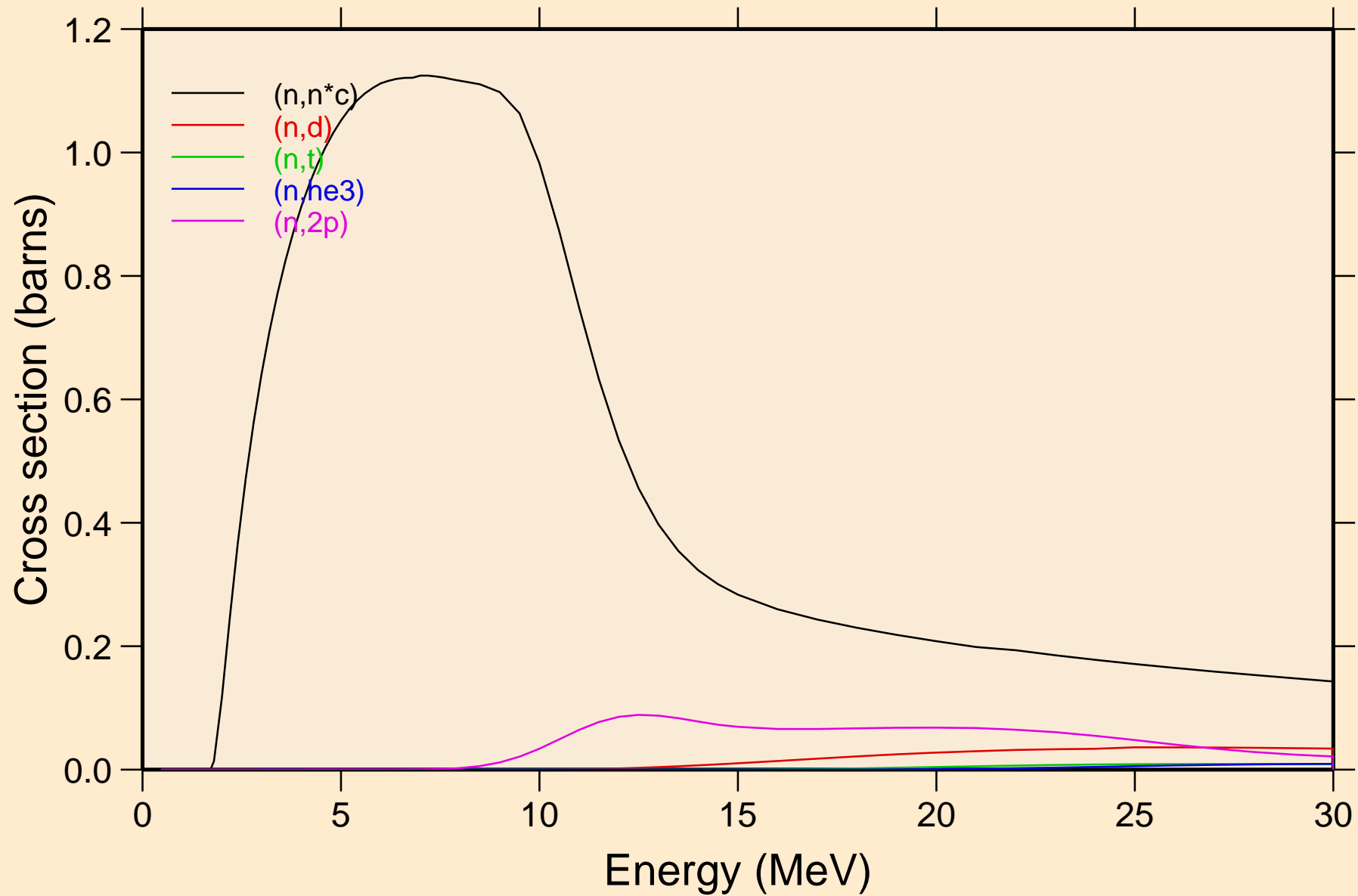




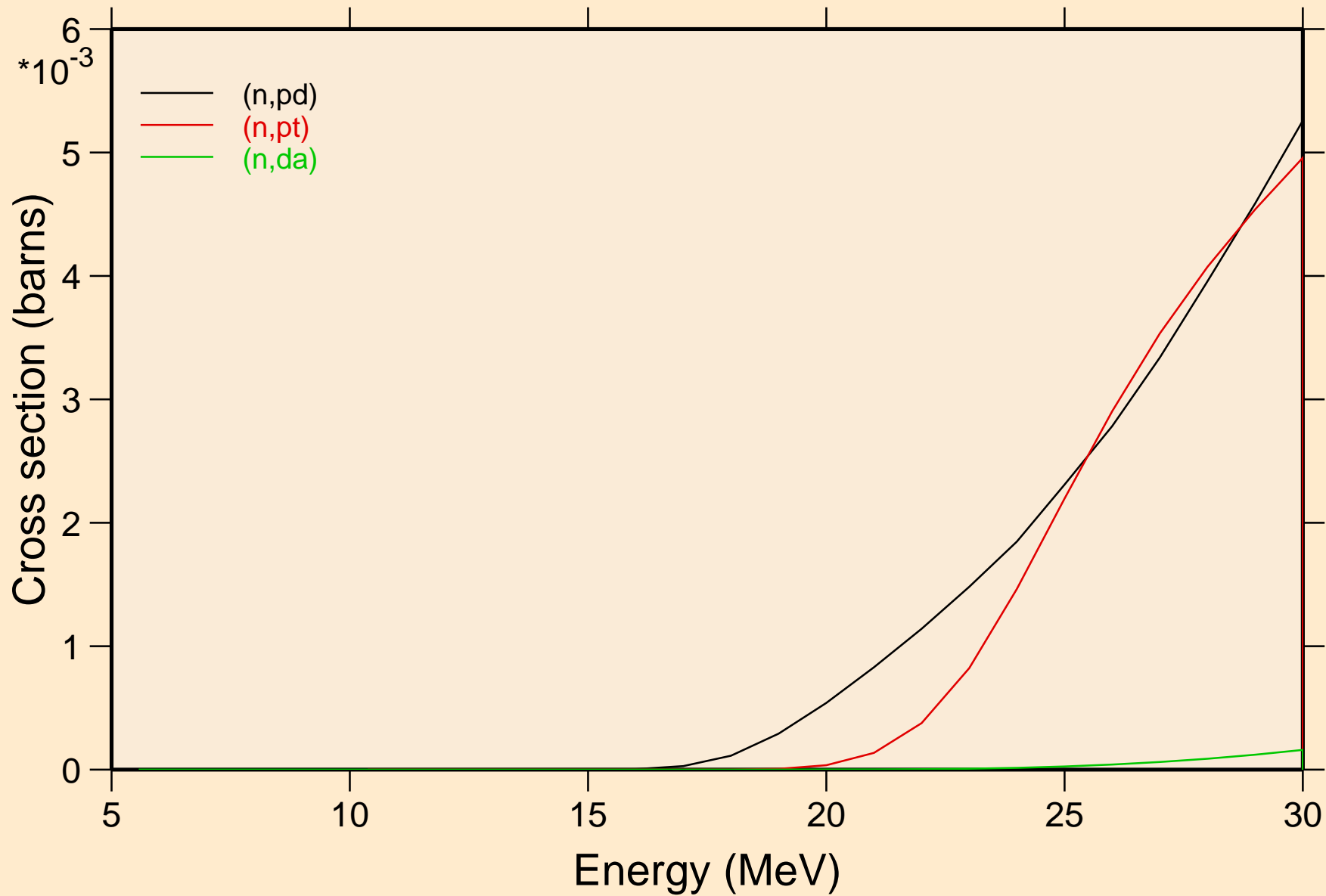
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



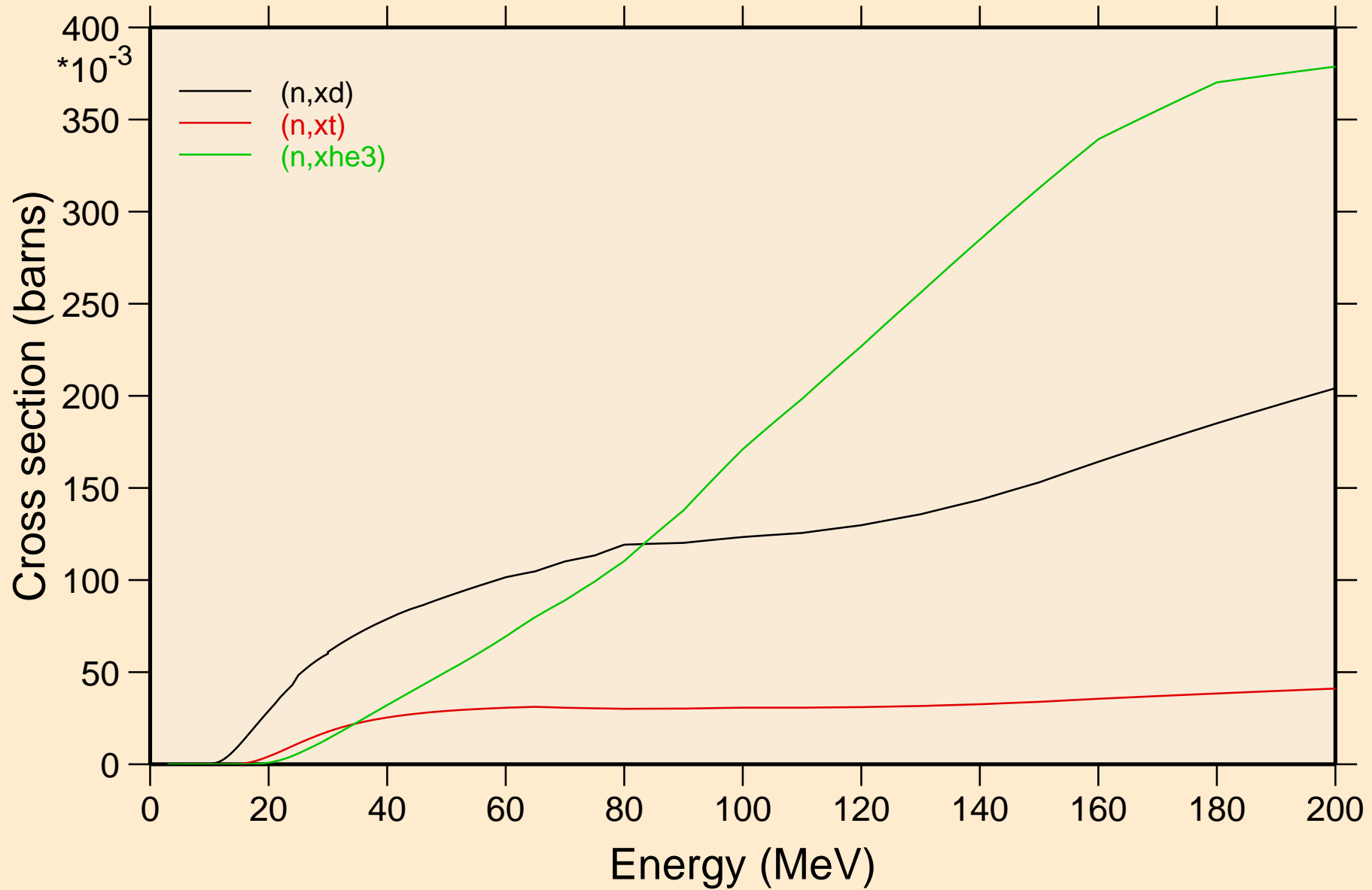
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



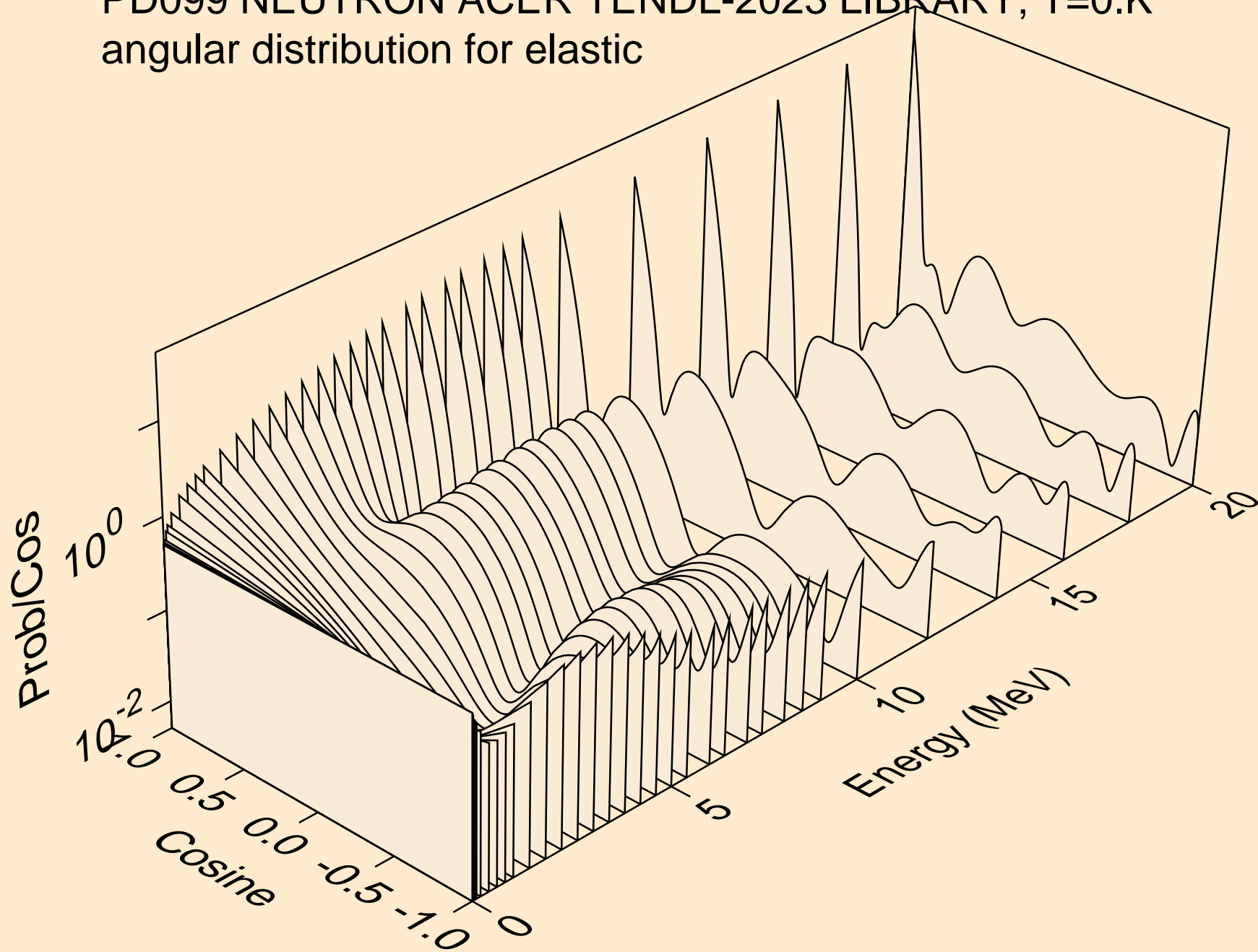
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



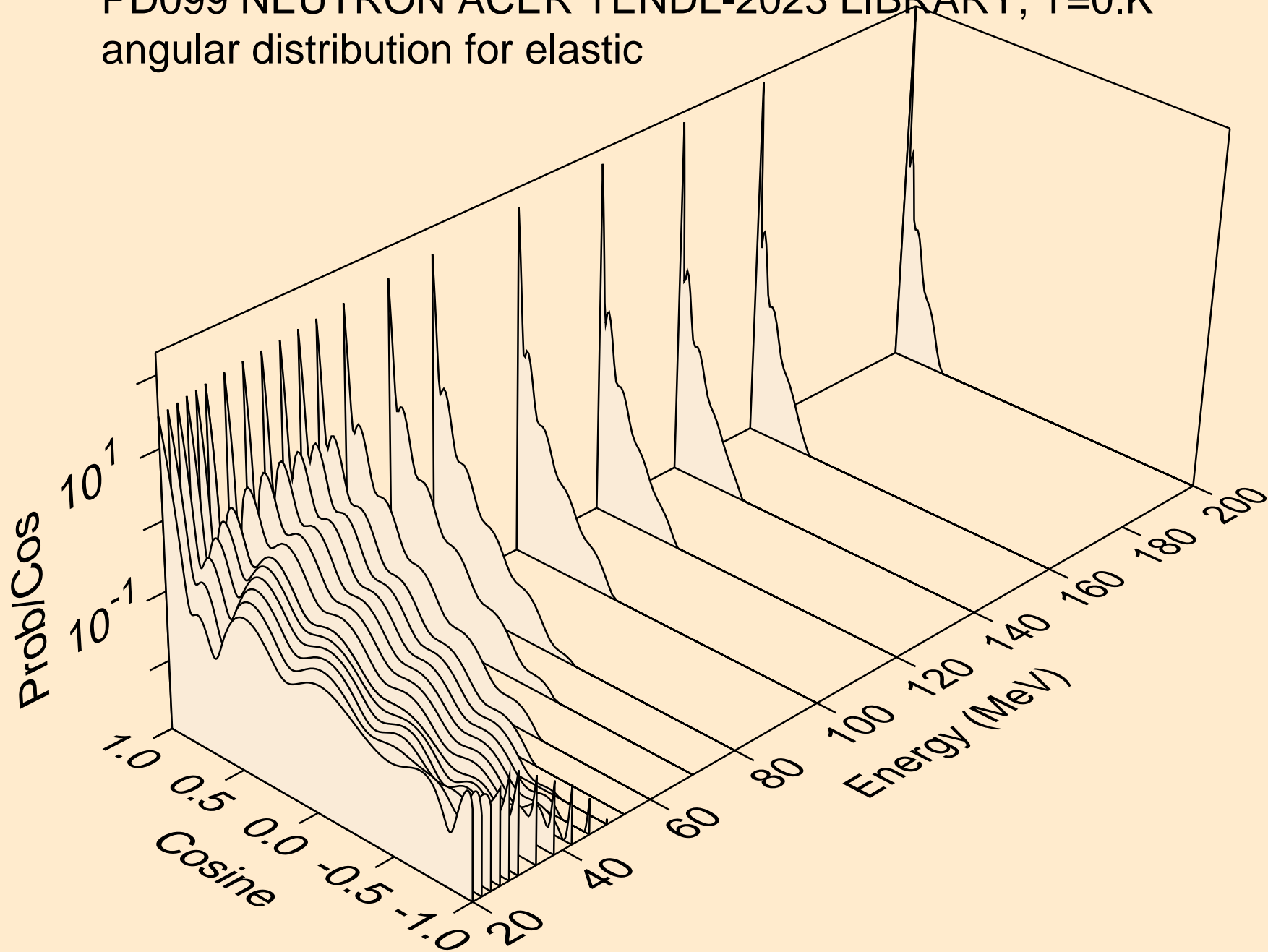
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



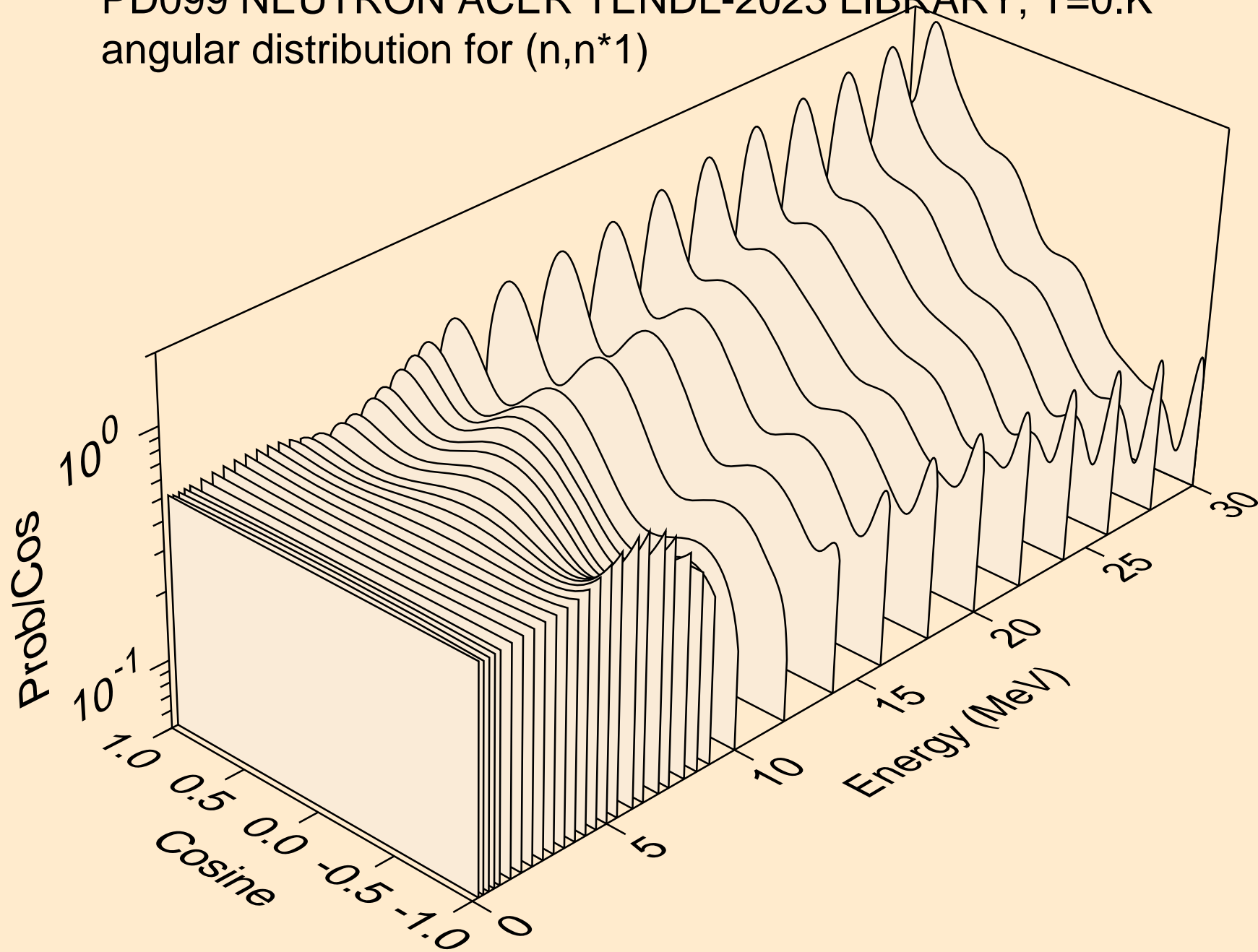
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



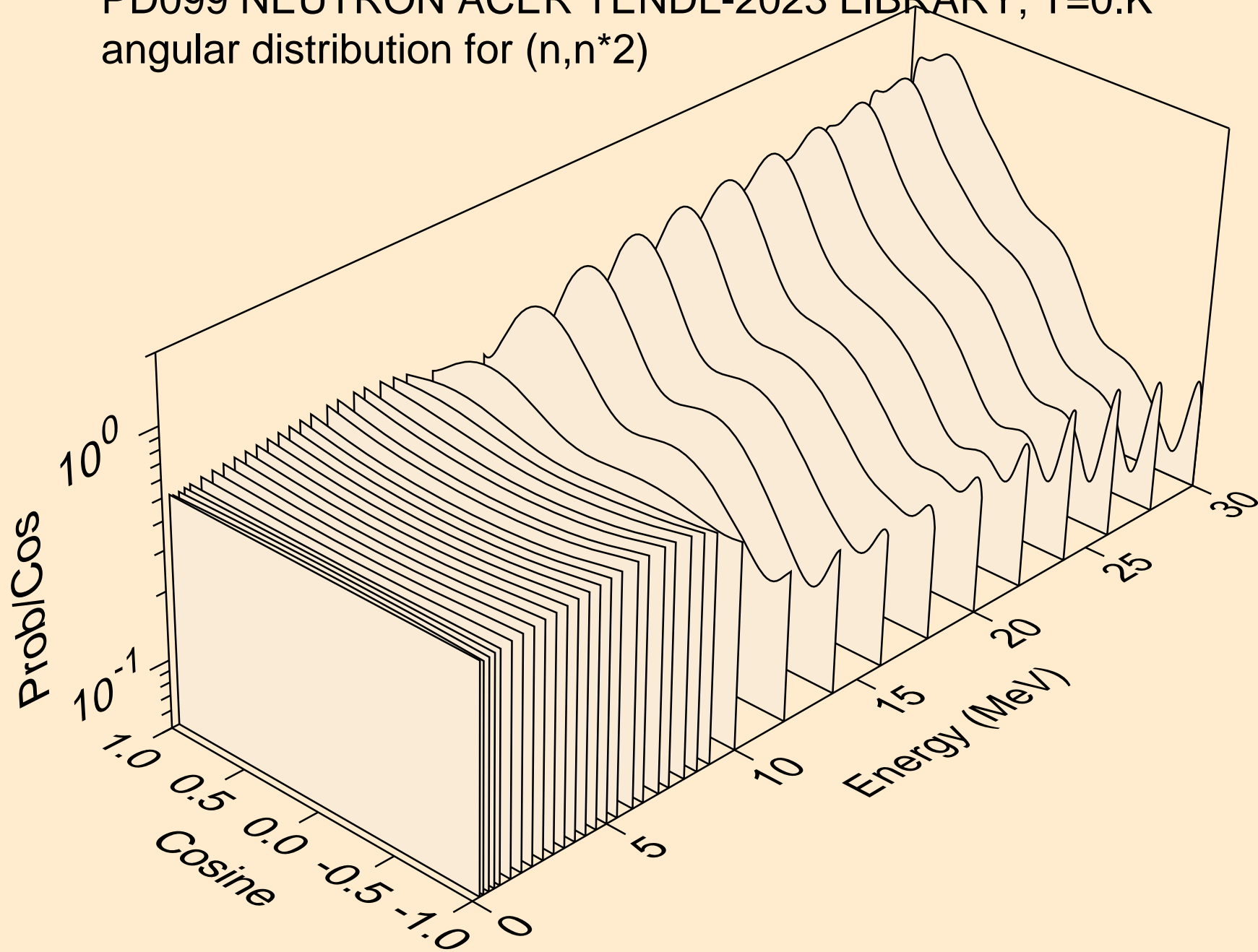
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

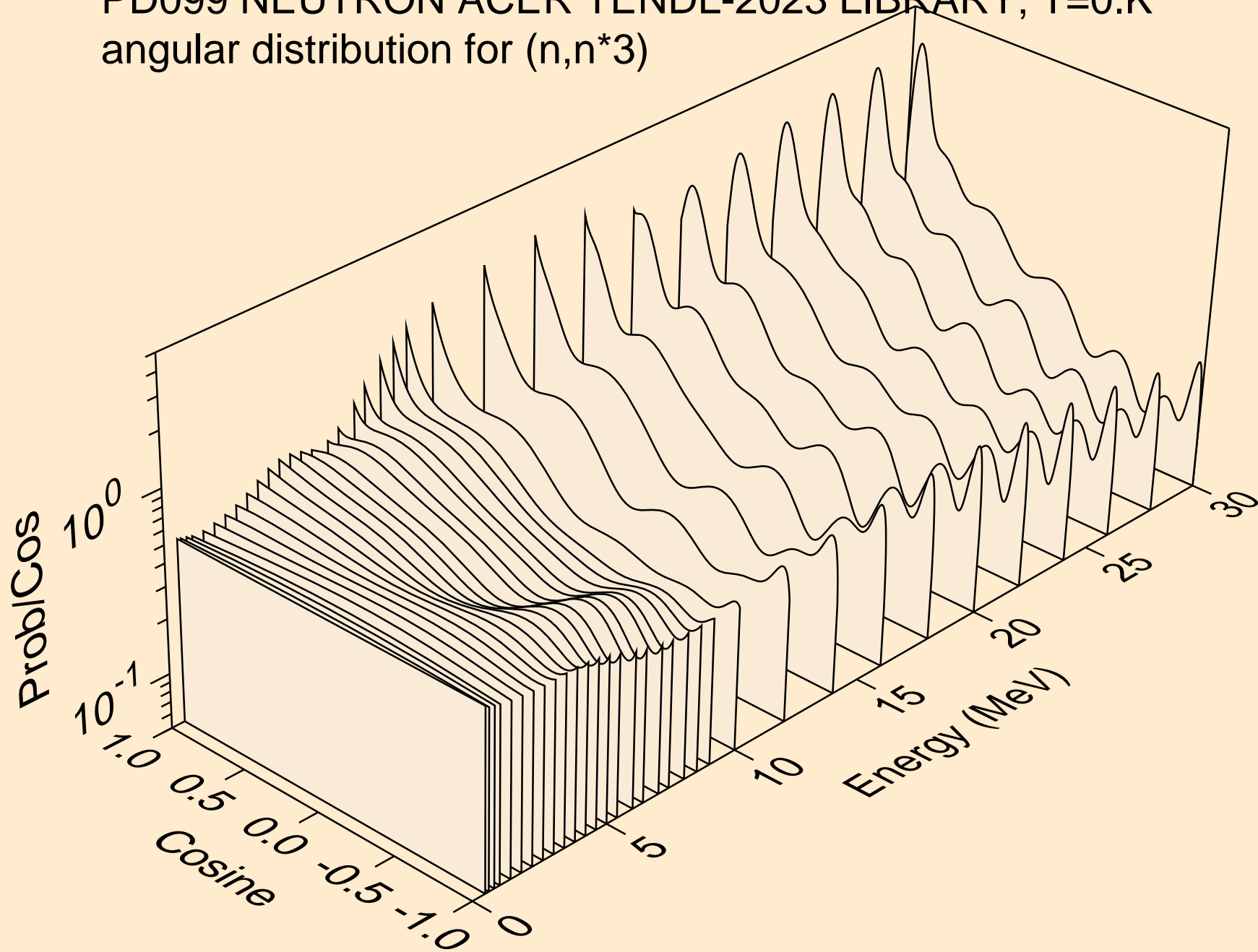


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

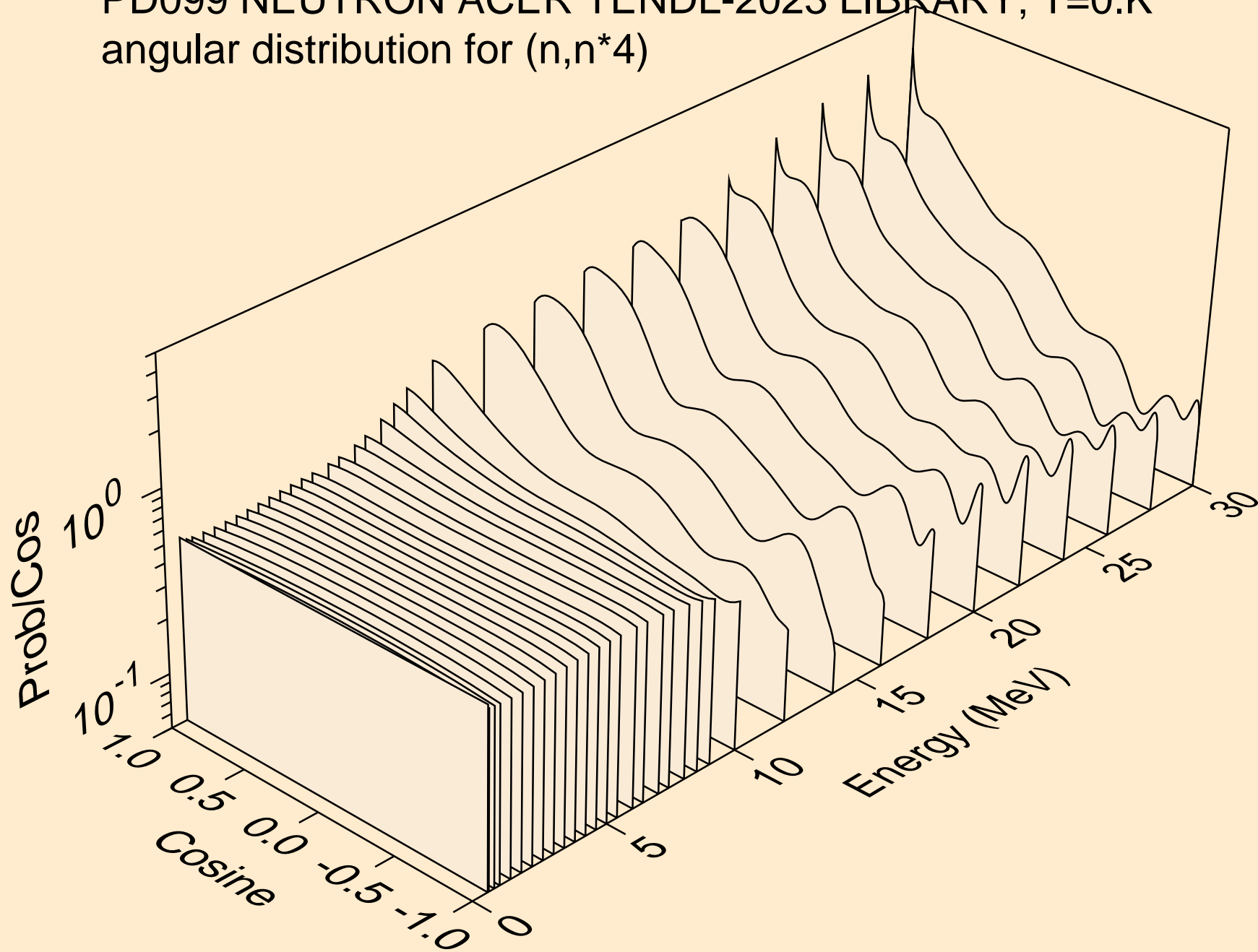




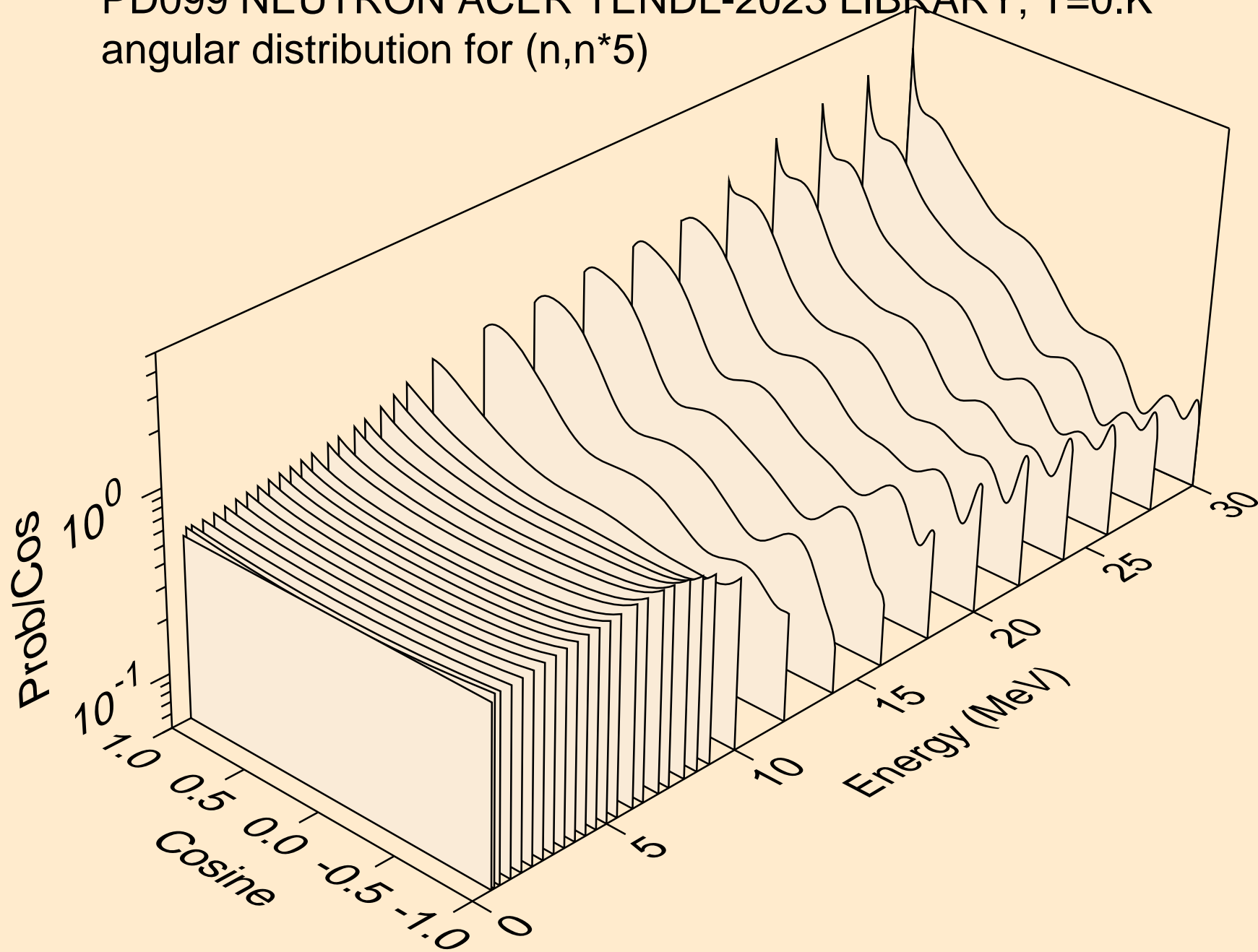
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



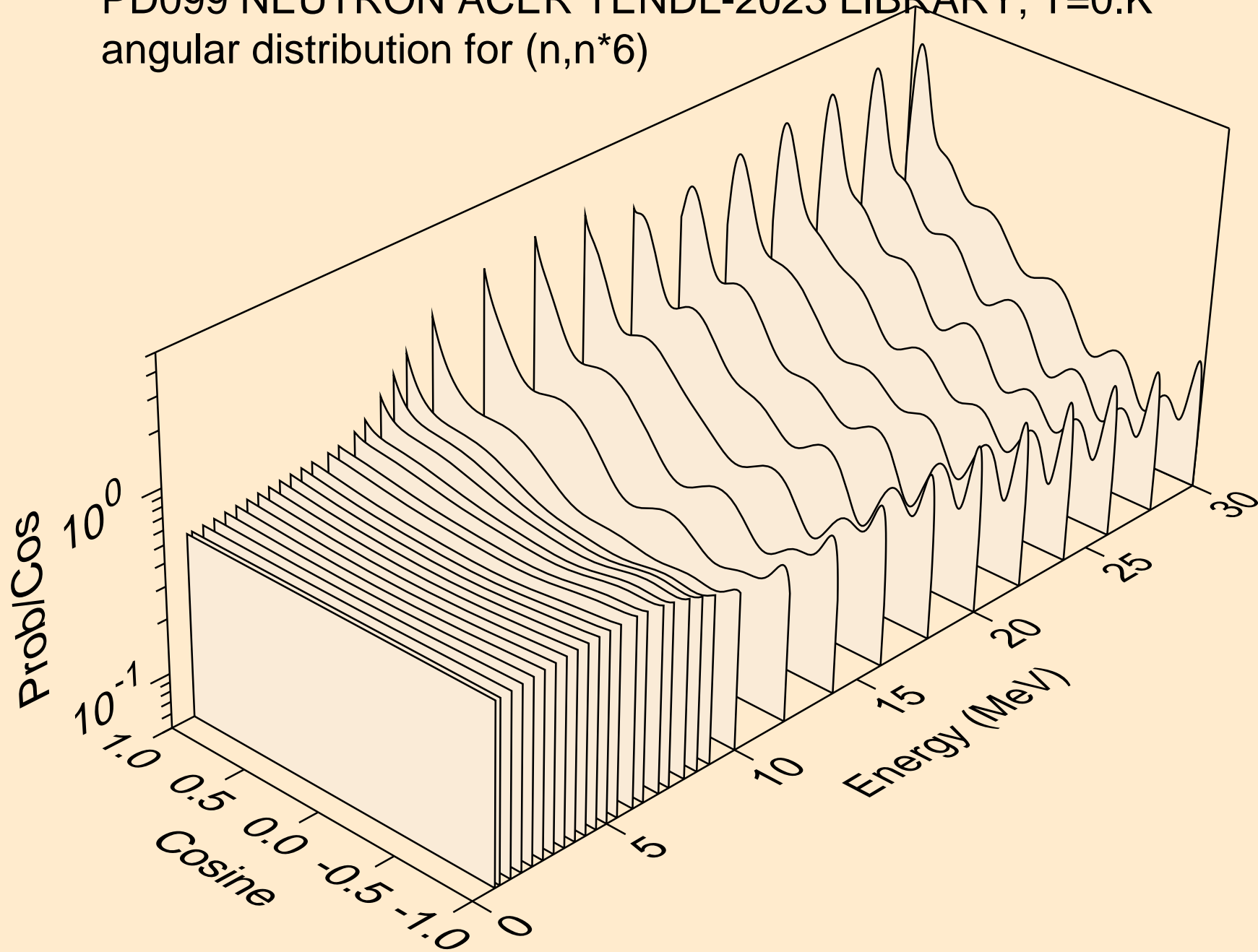
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



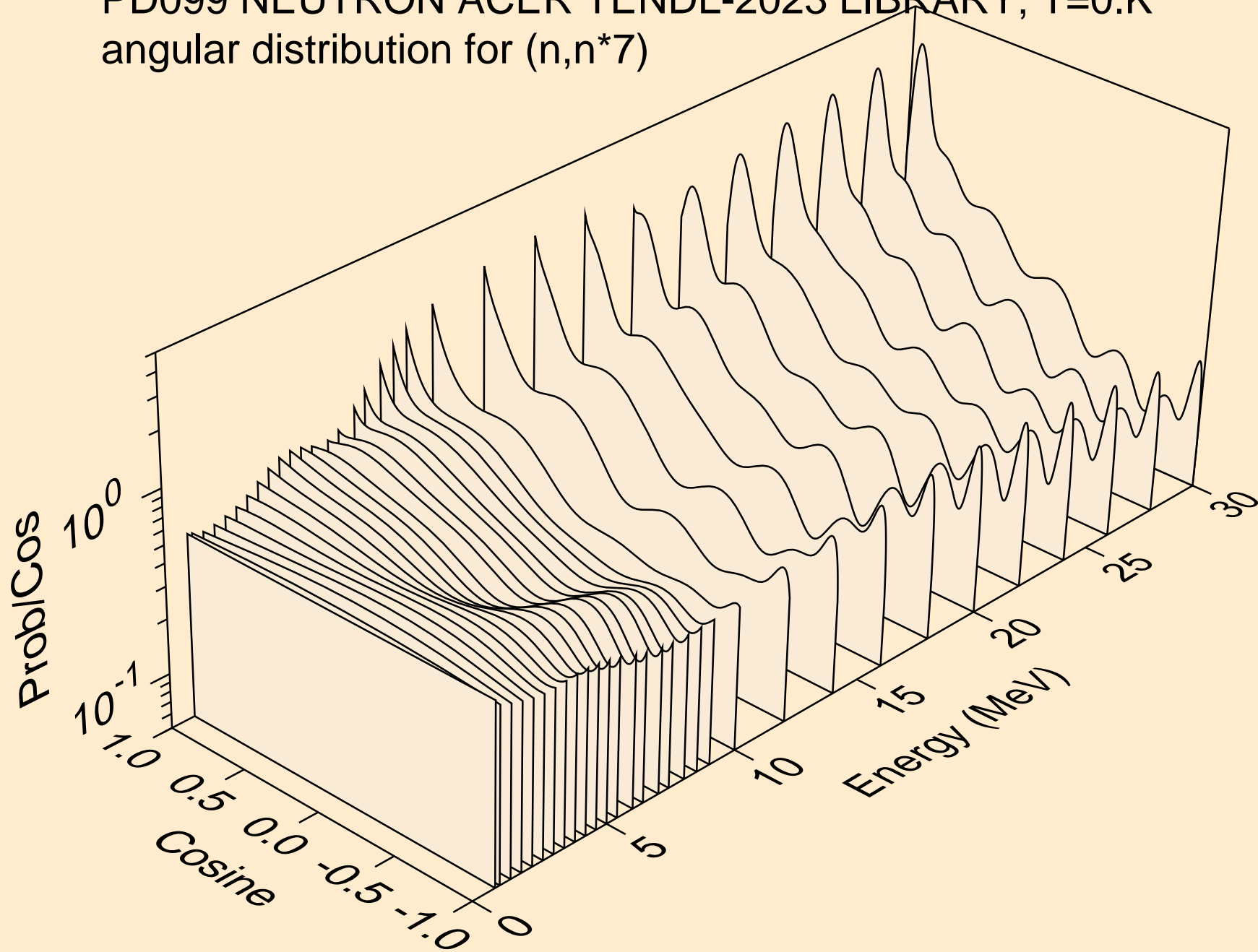
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angular distribution for (n,n\*5)



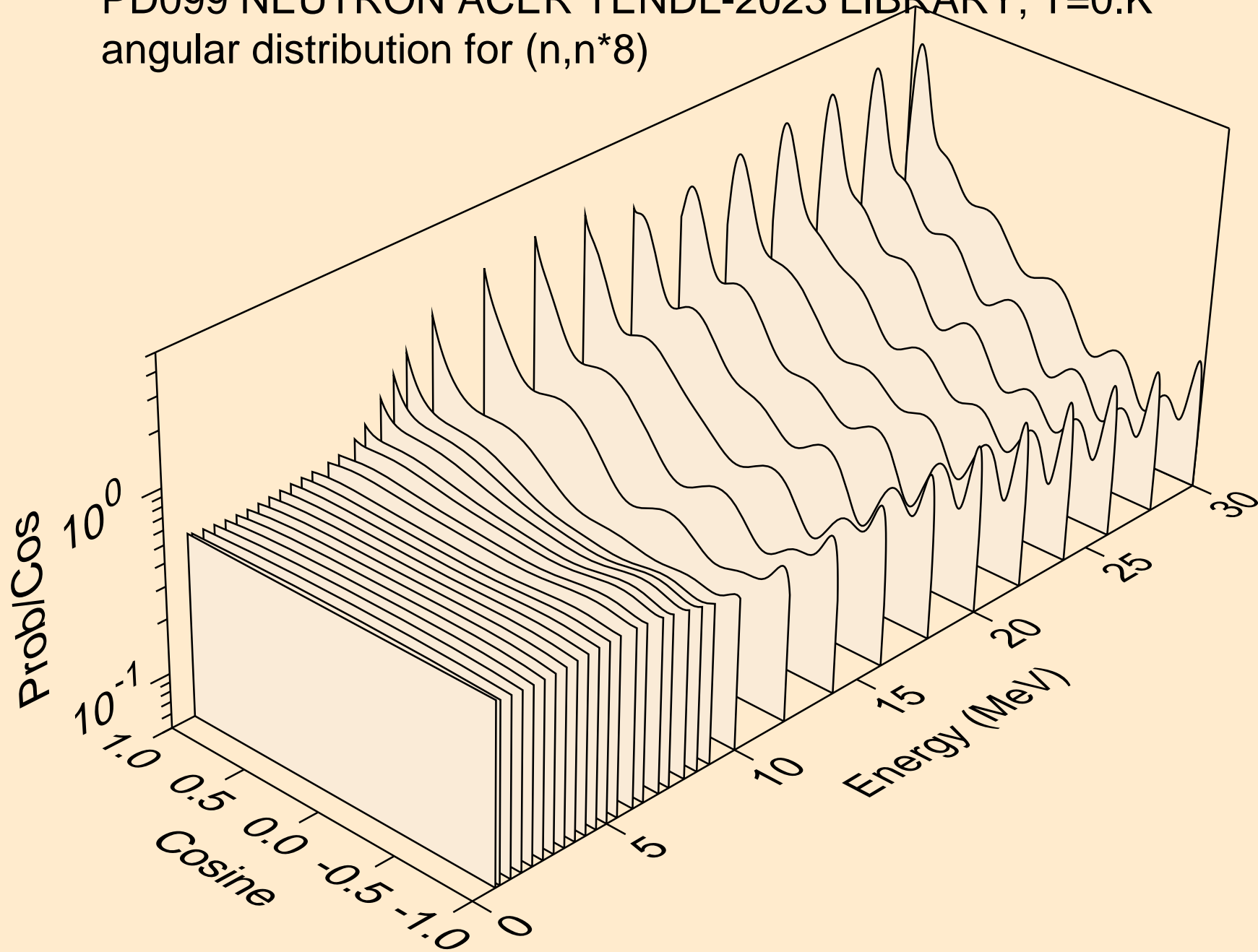
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



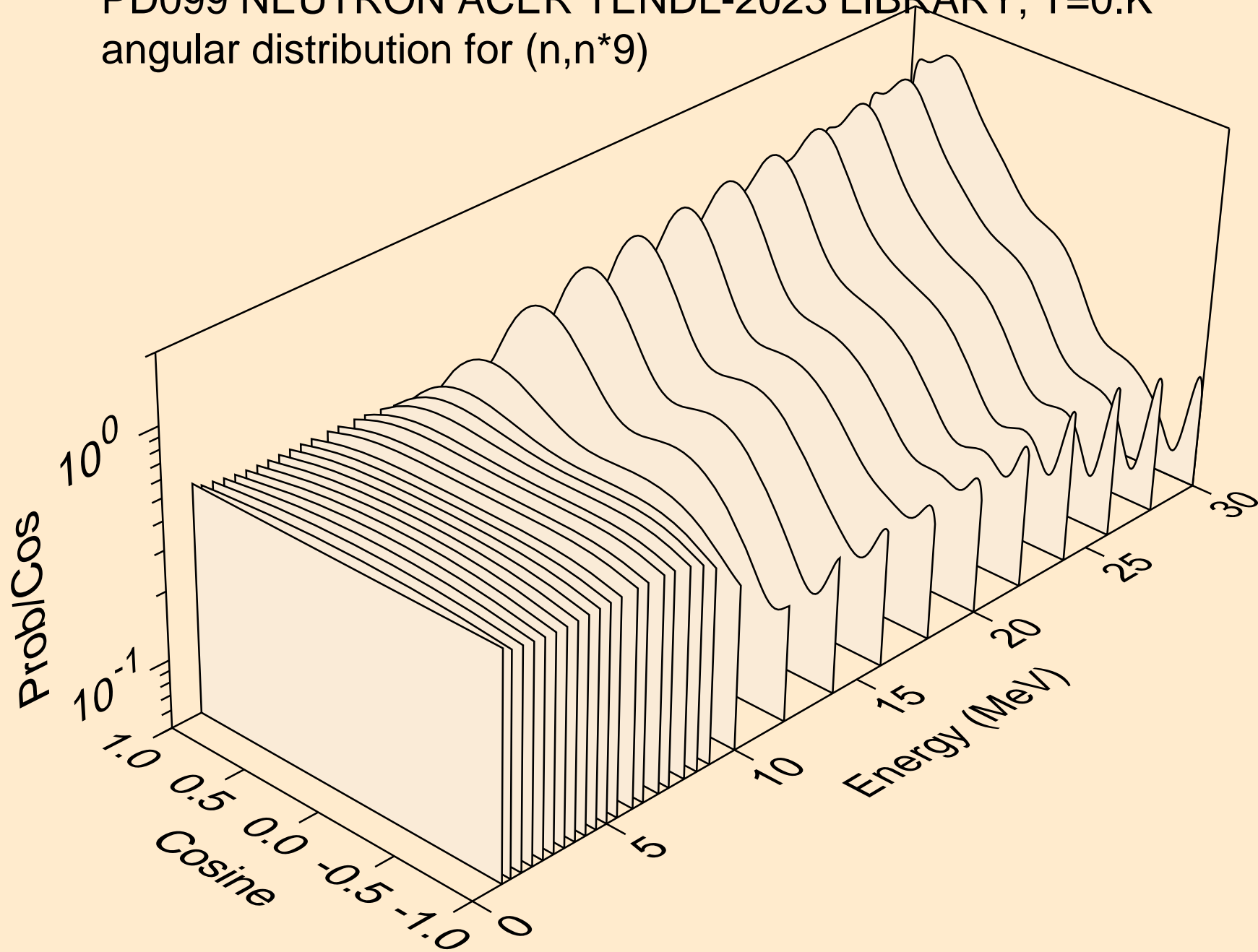
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



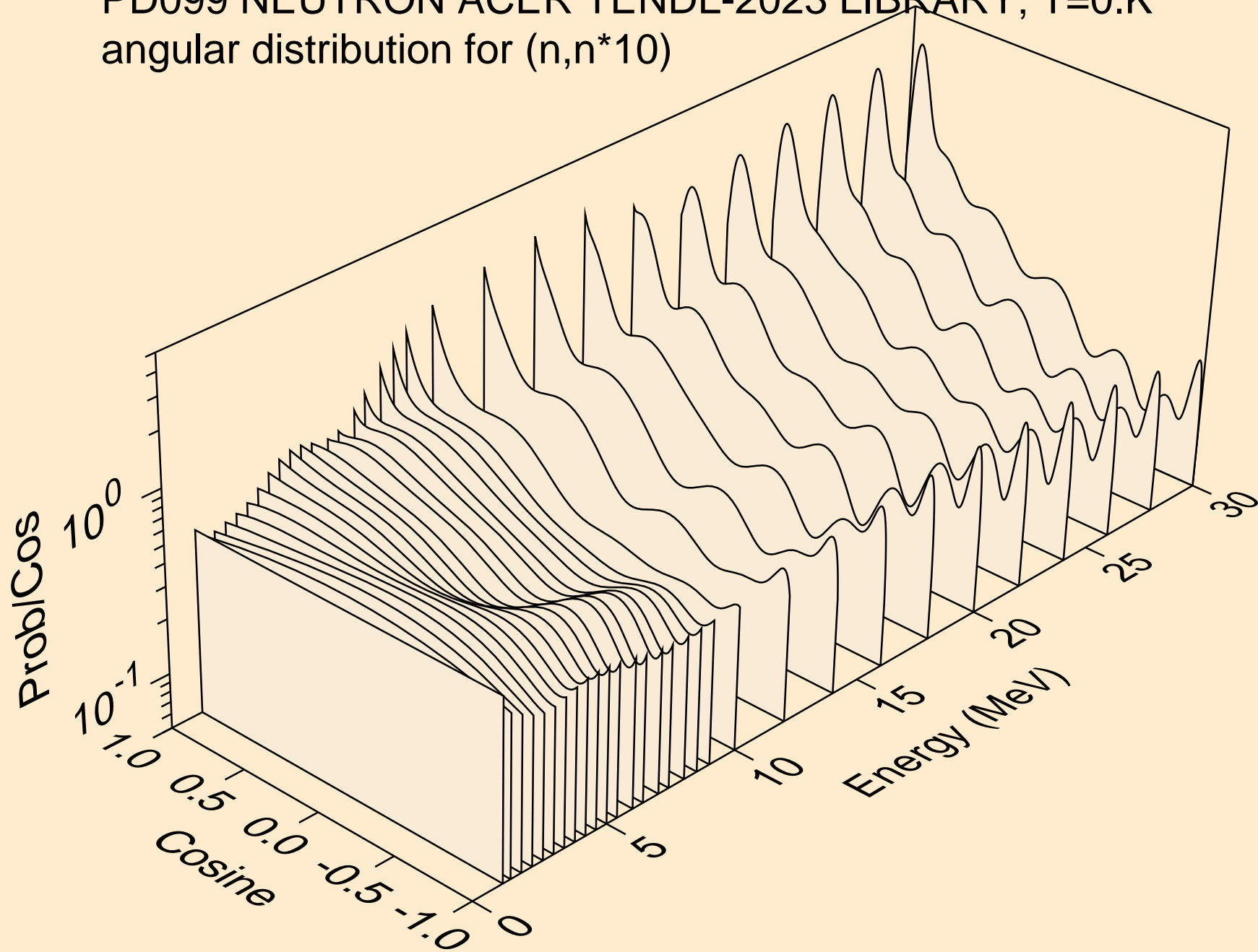
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

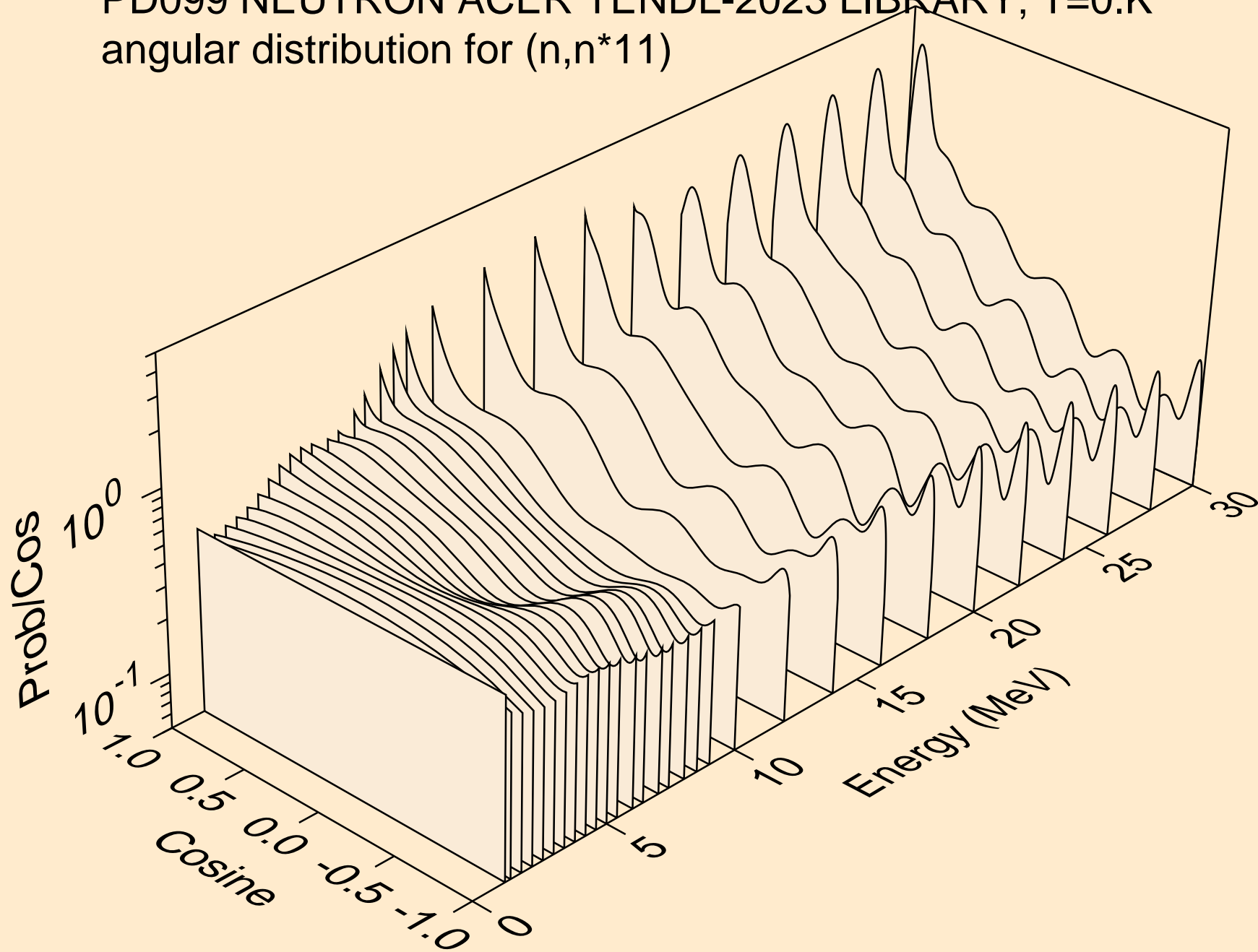


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

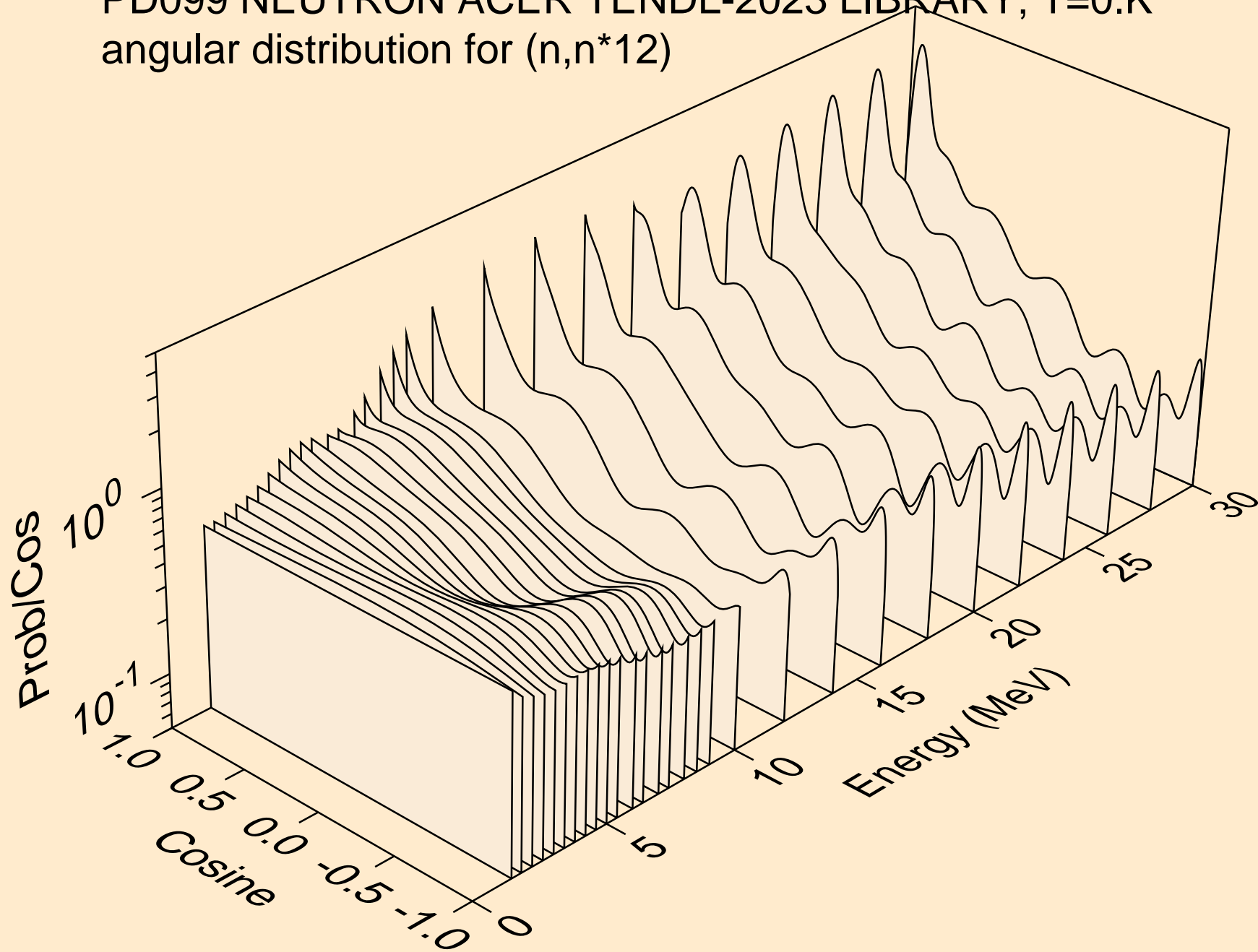




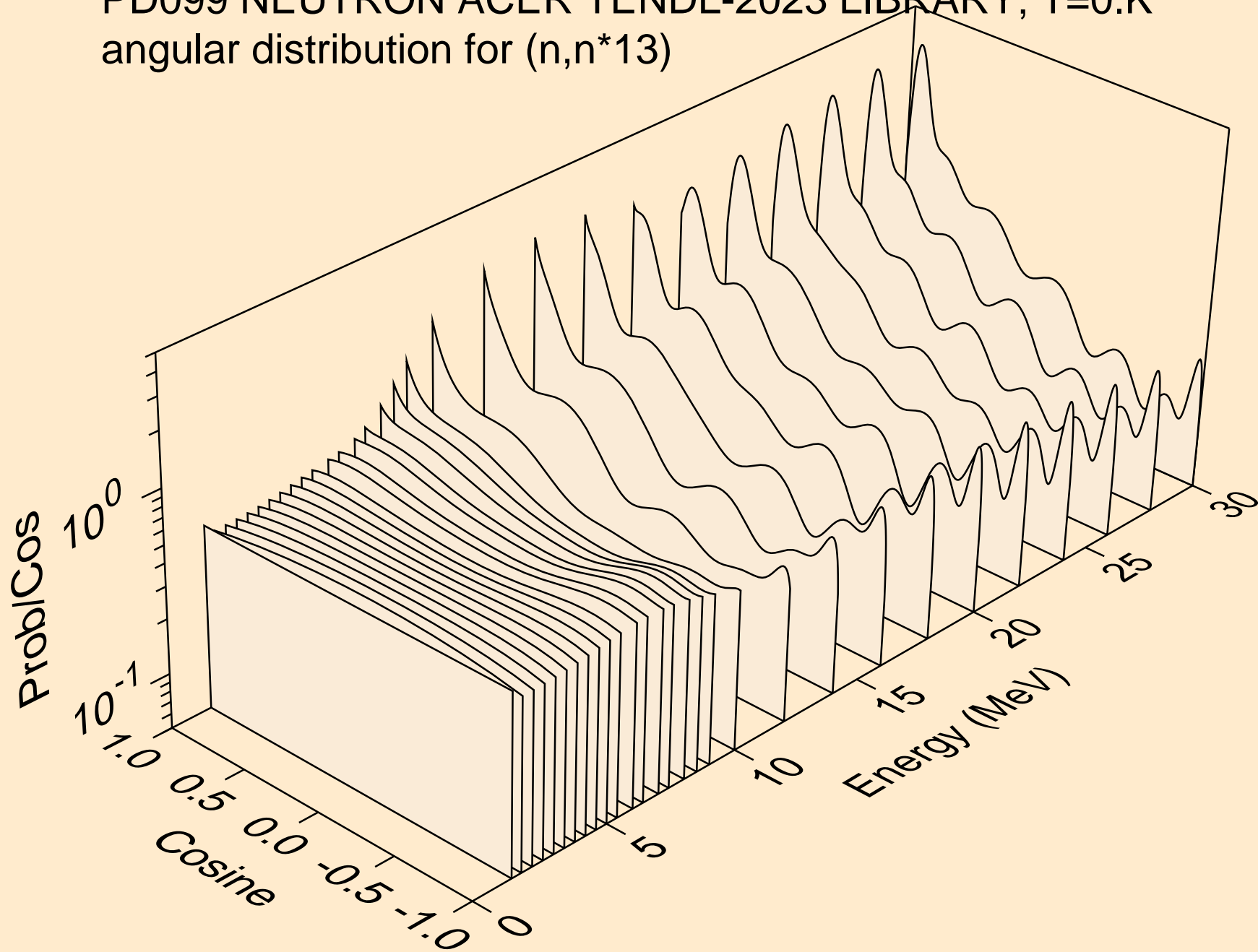
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



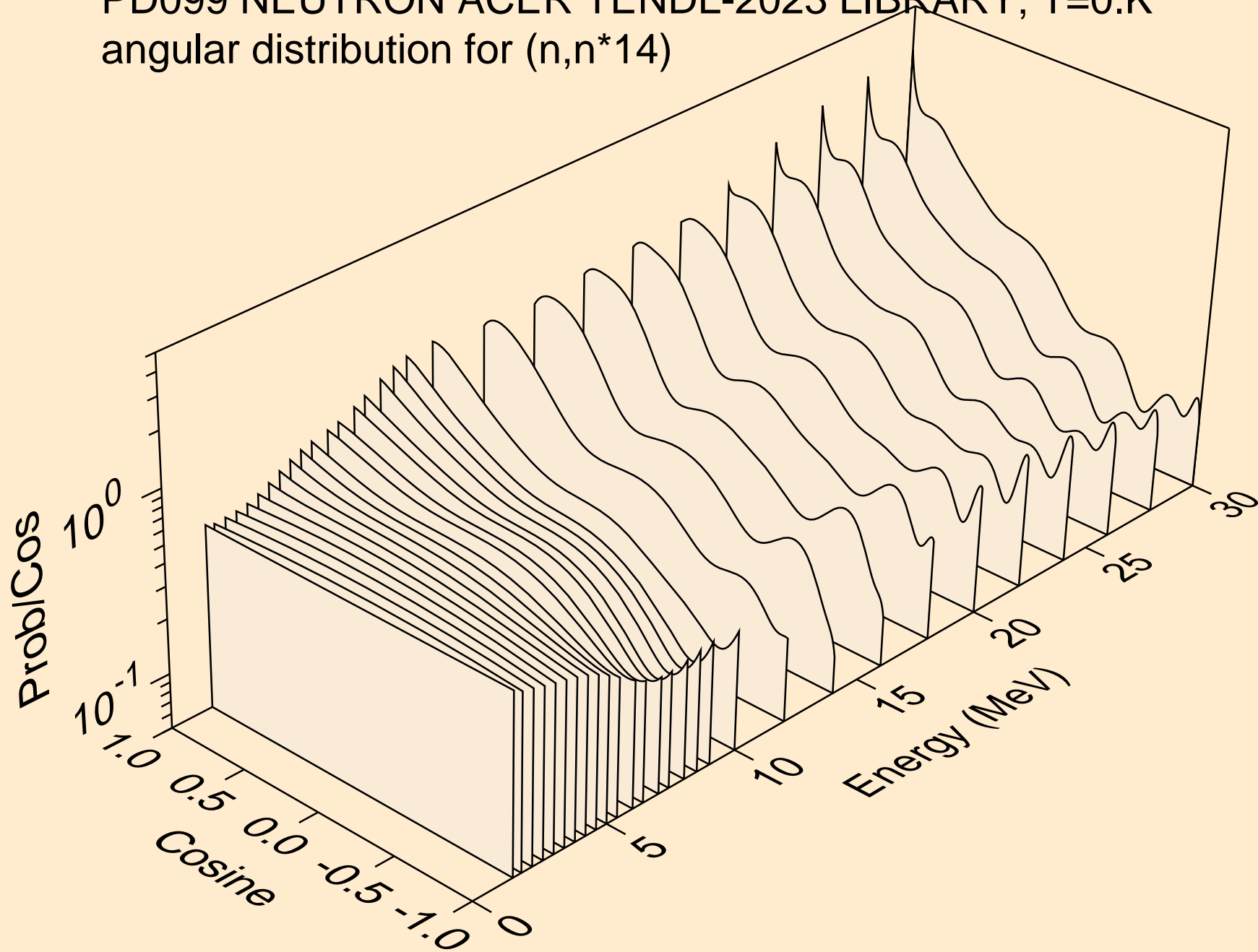
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angular distribution for (n,n\*12)



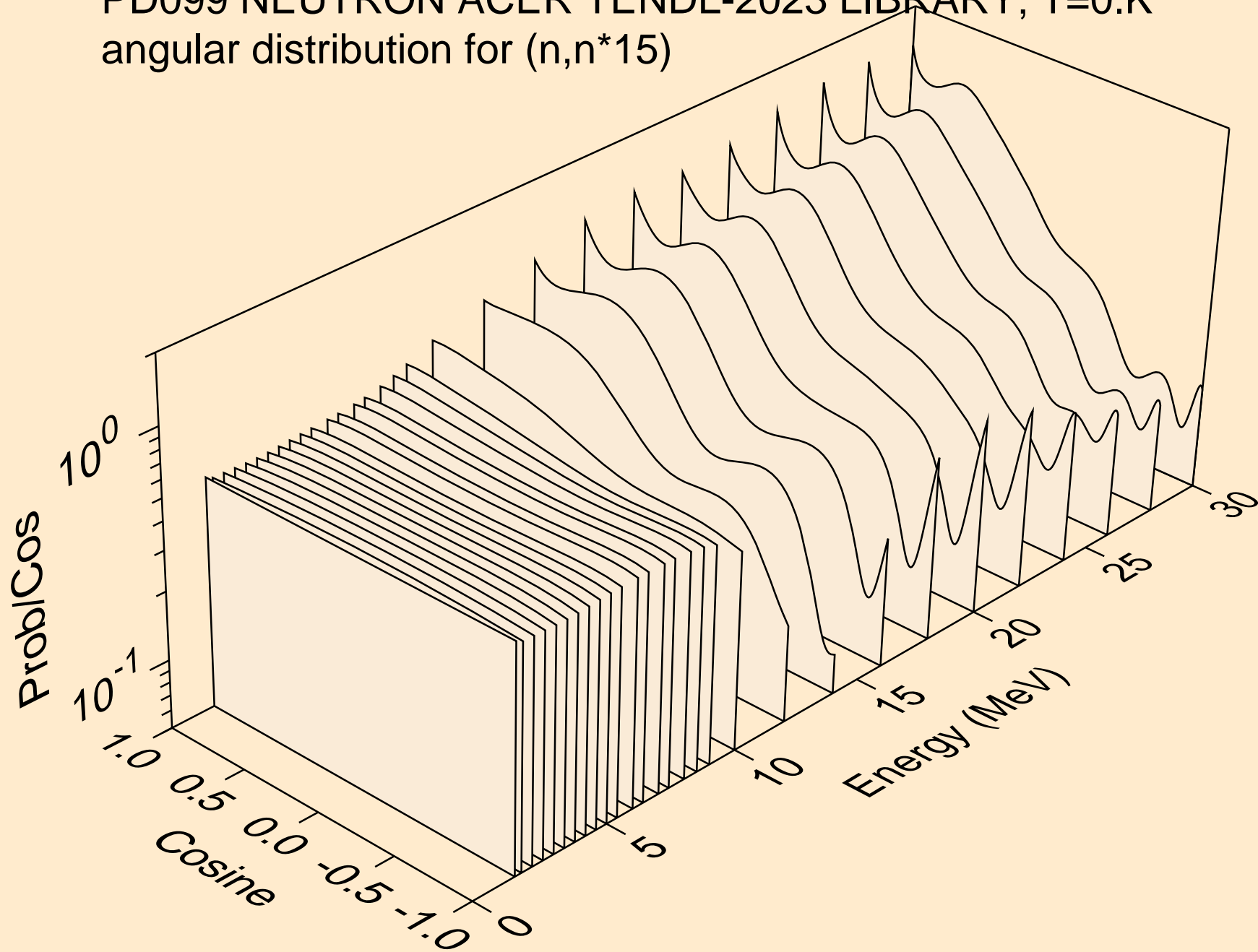
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angular distribution for (n,n\*13)



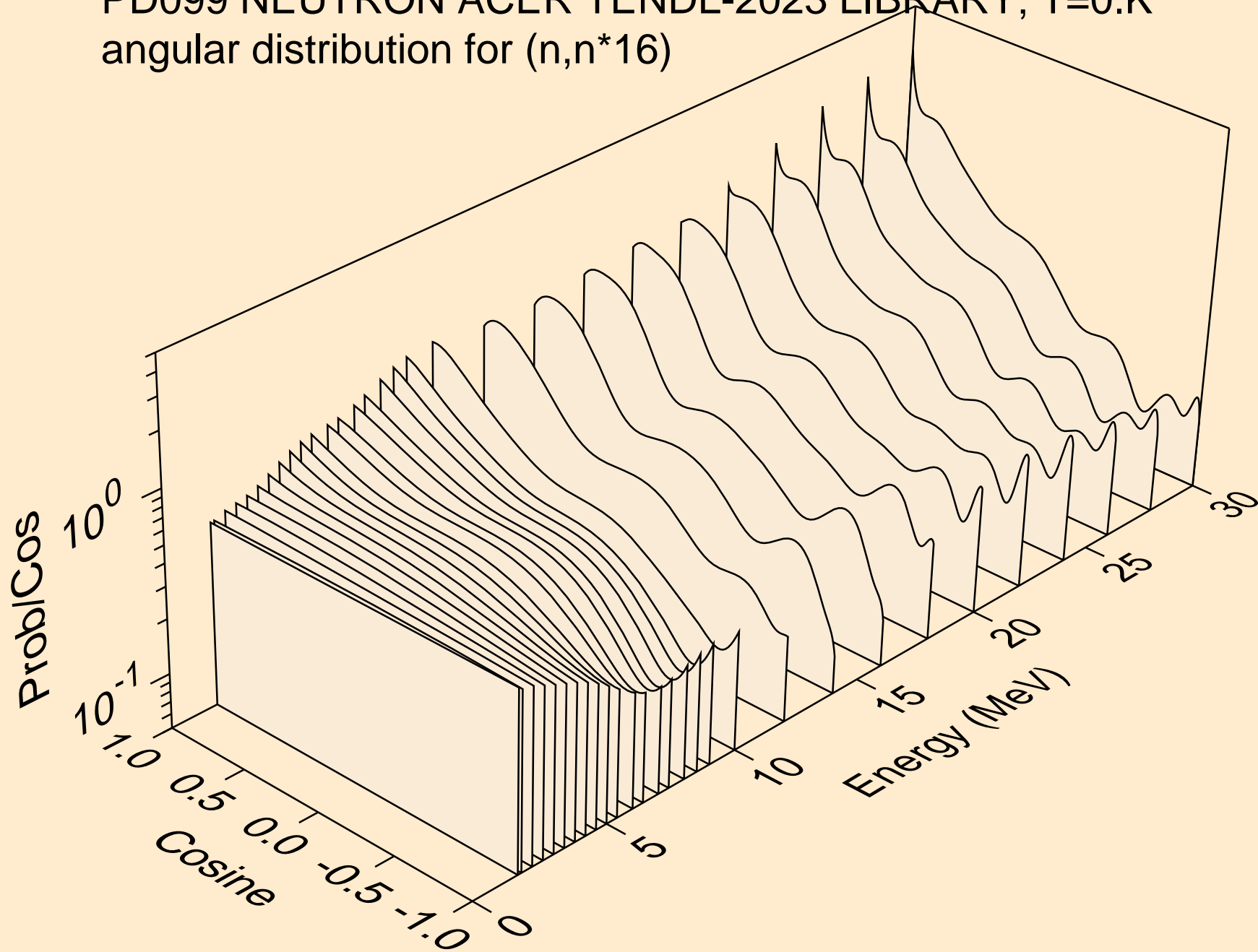
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angular distribution for (n,n\*14)



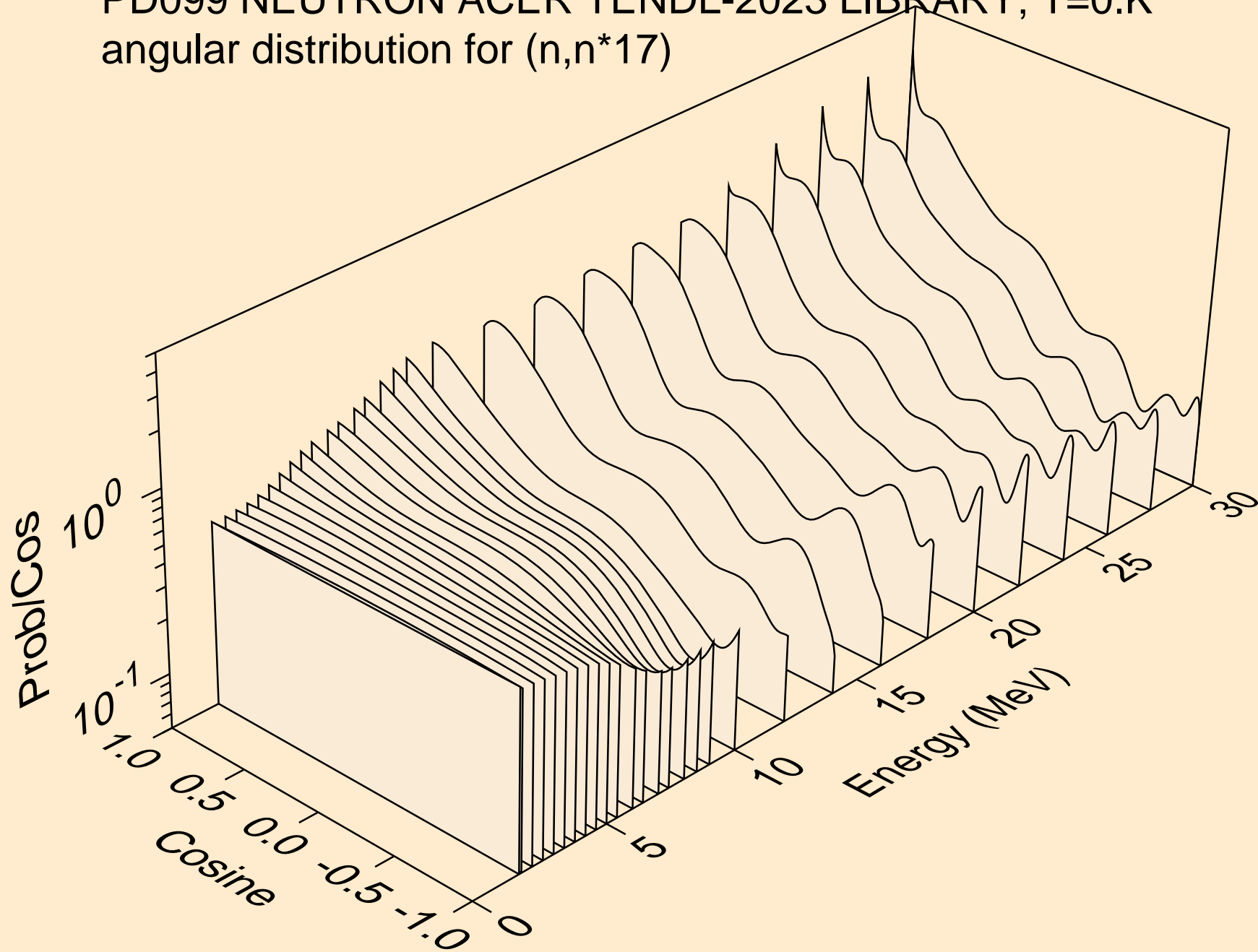
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angular distribution for (n,n\*15)



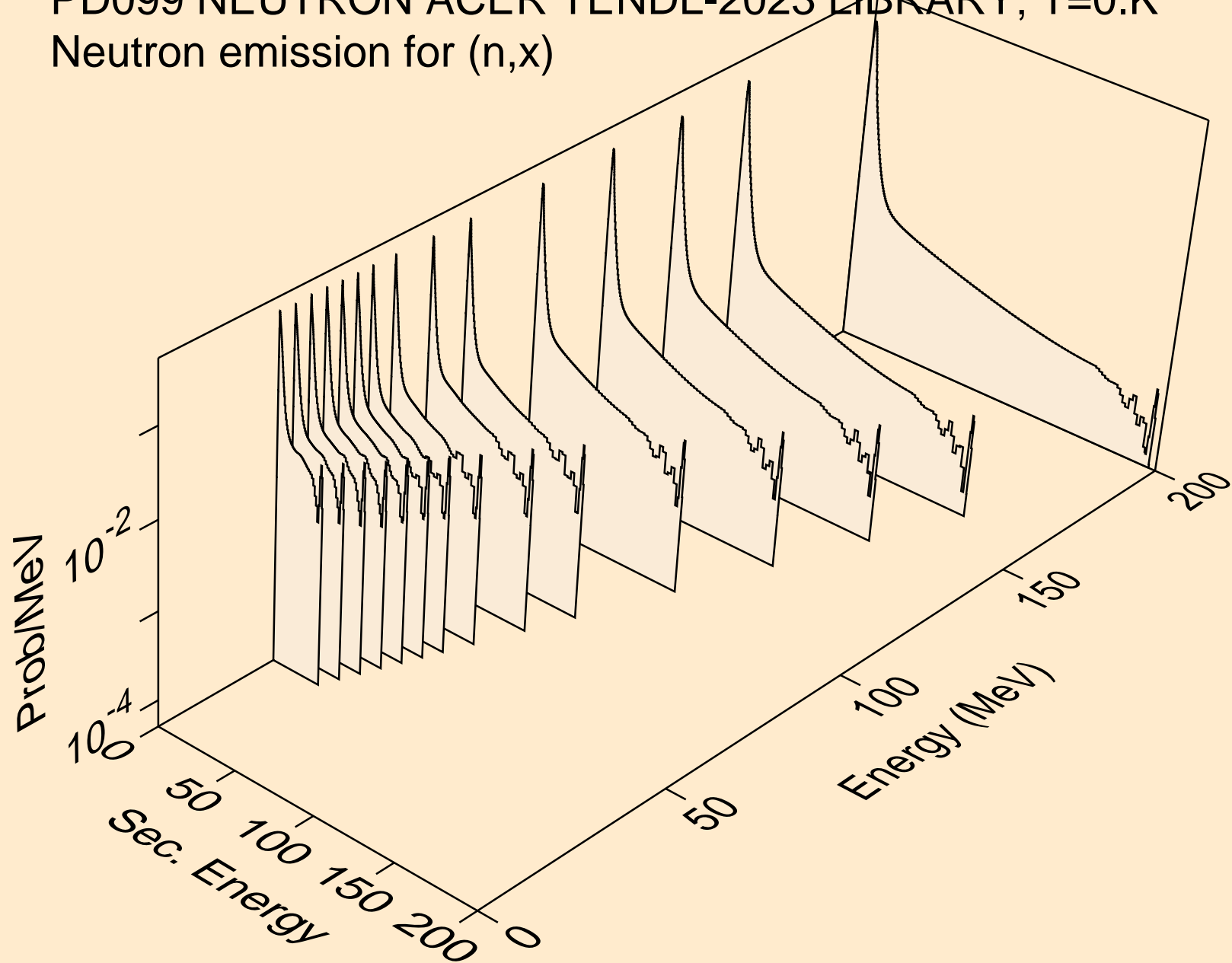
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

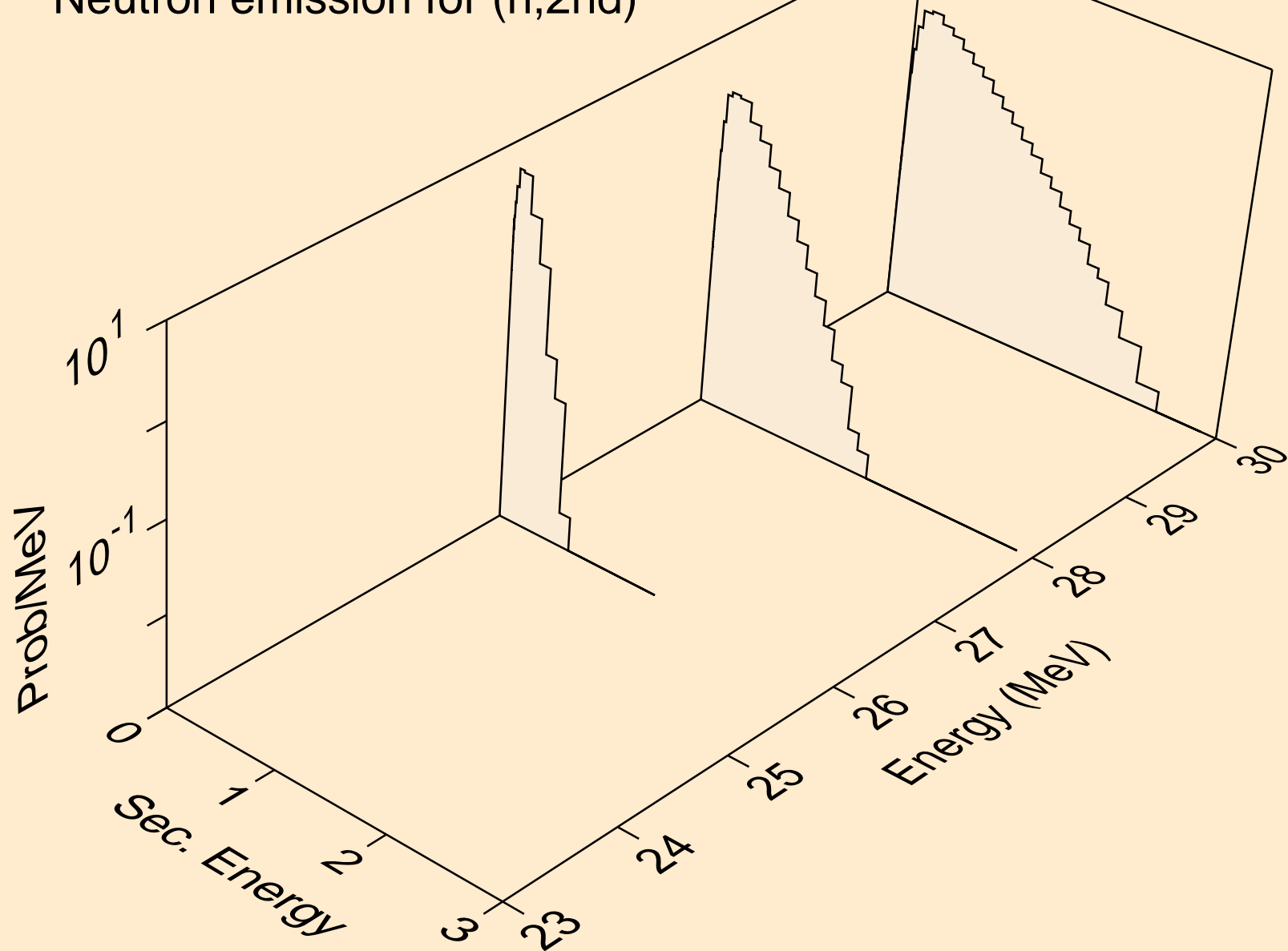


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

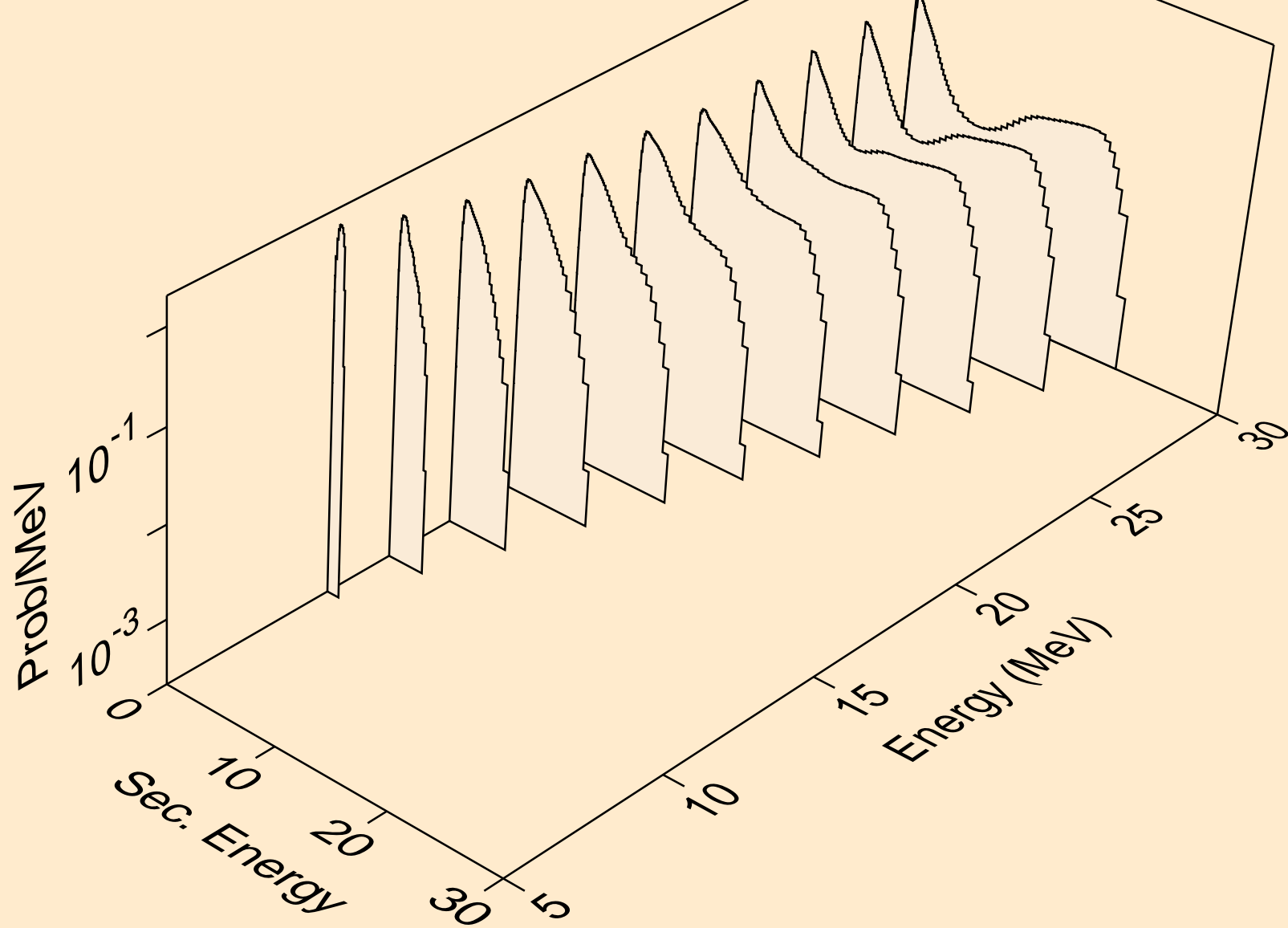




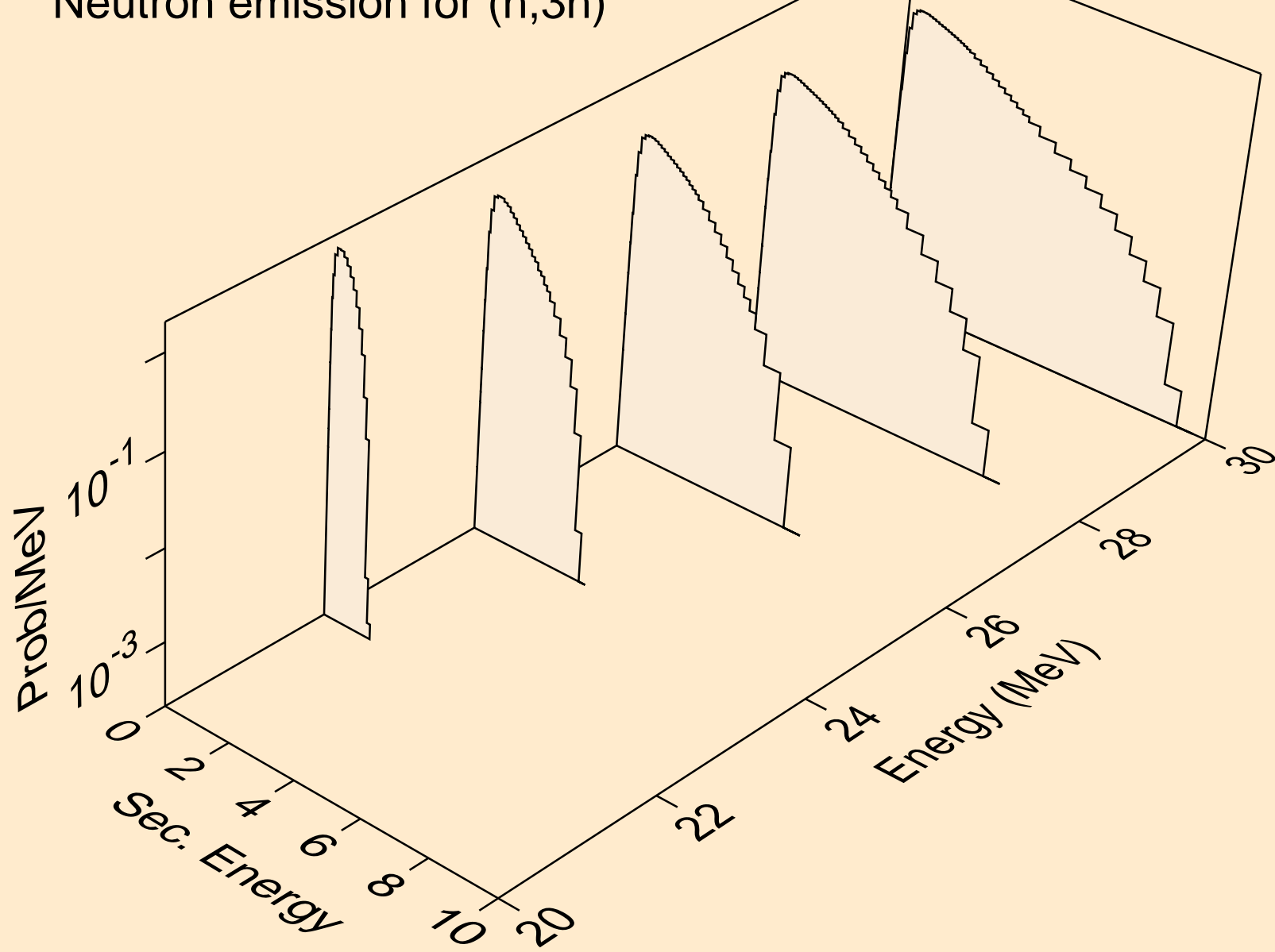
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



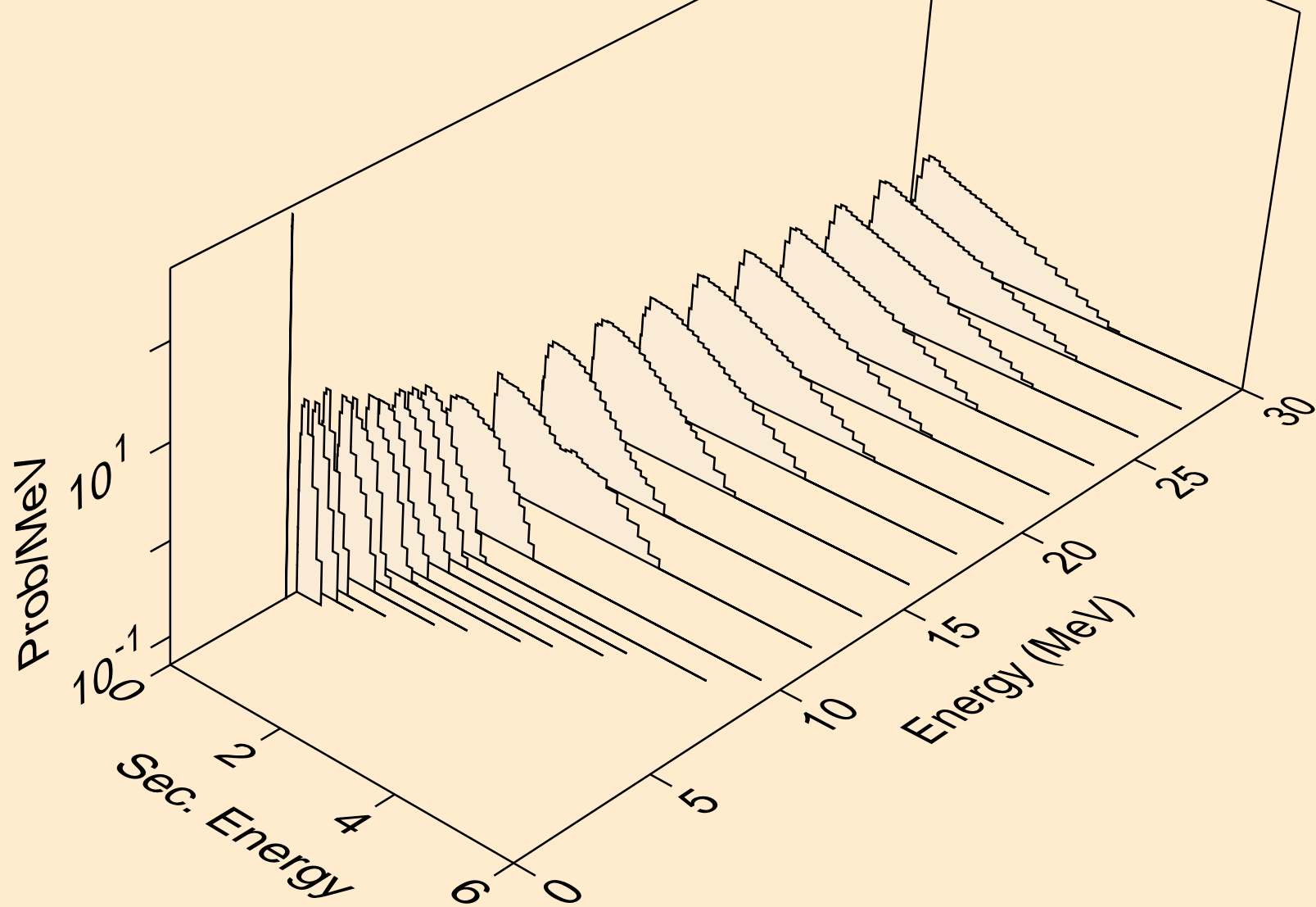
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



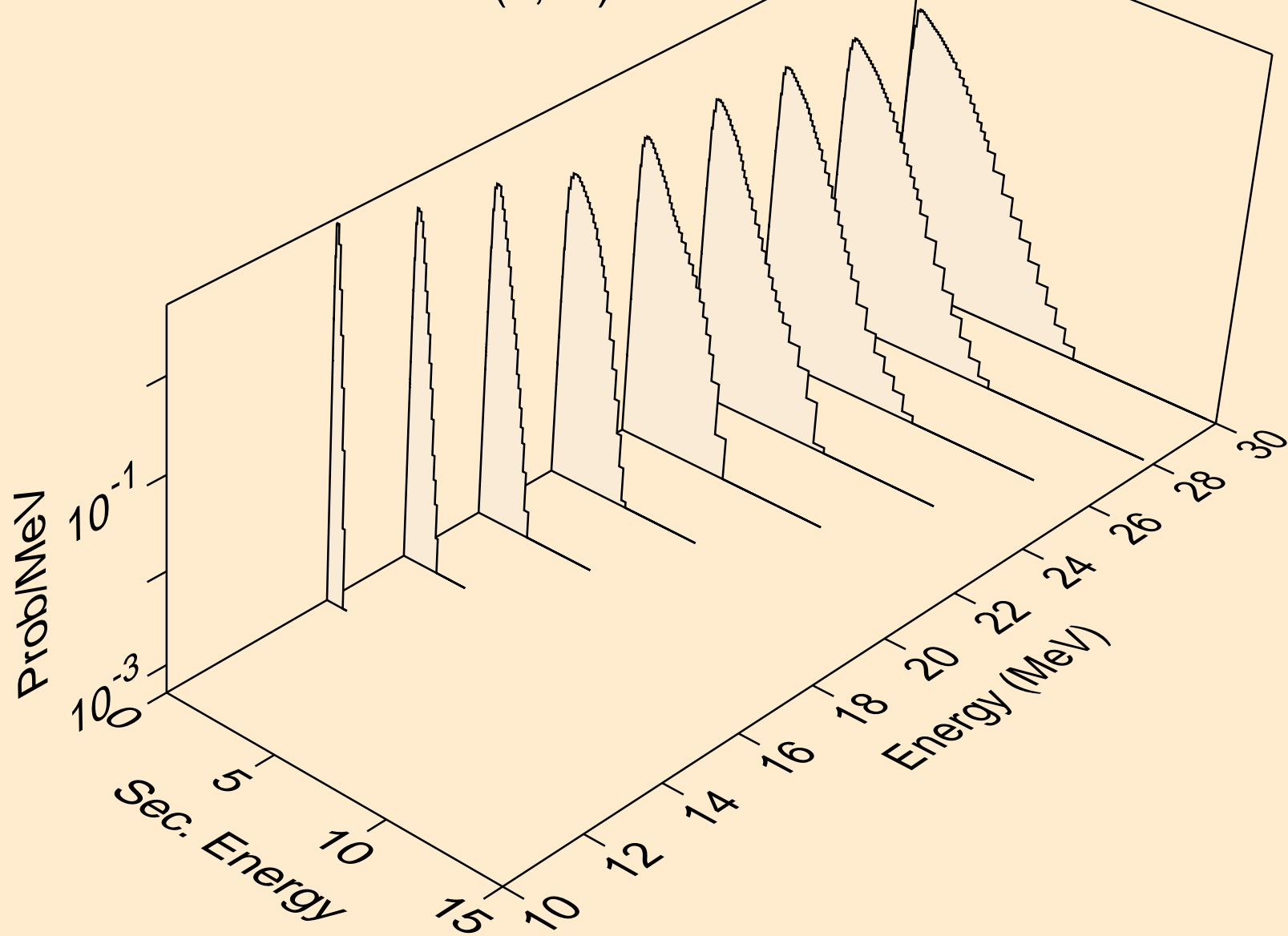
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



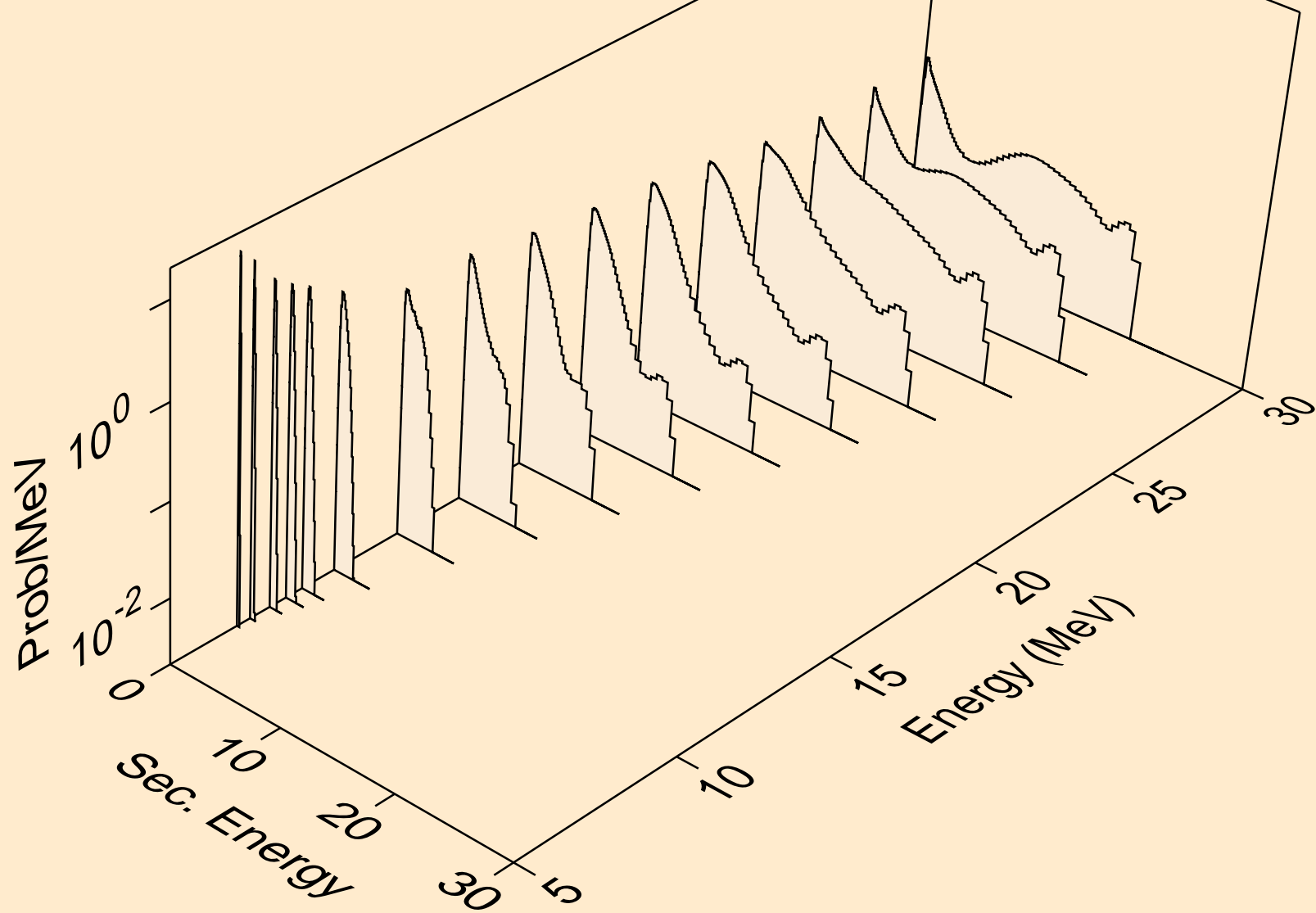
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



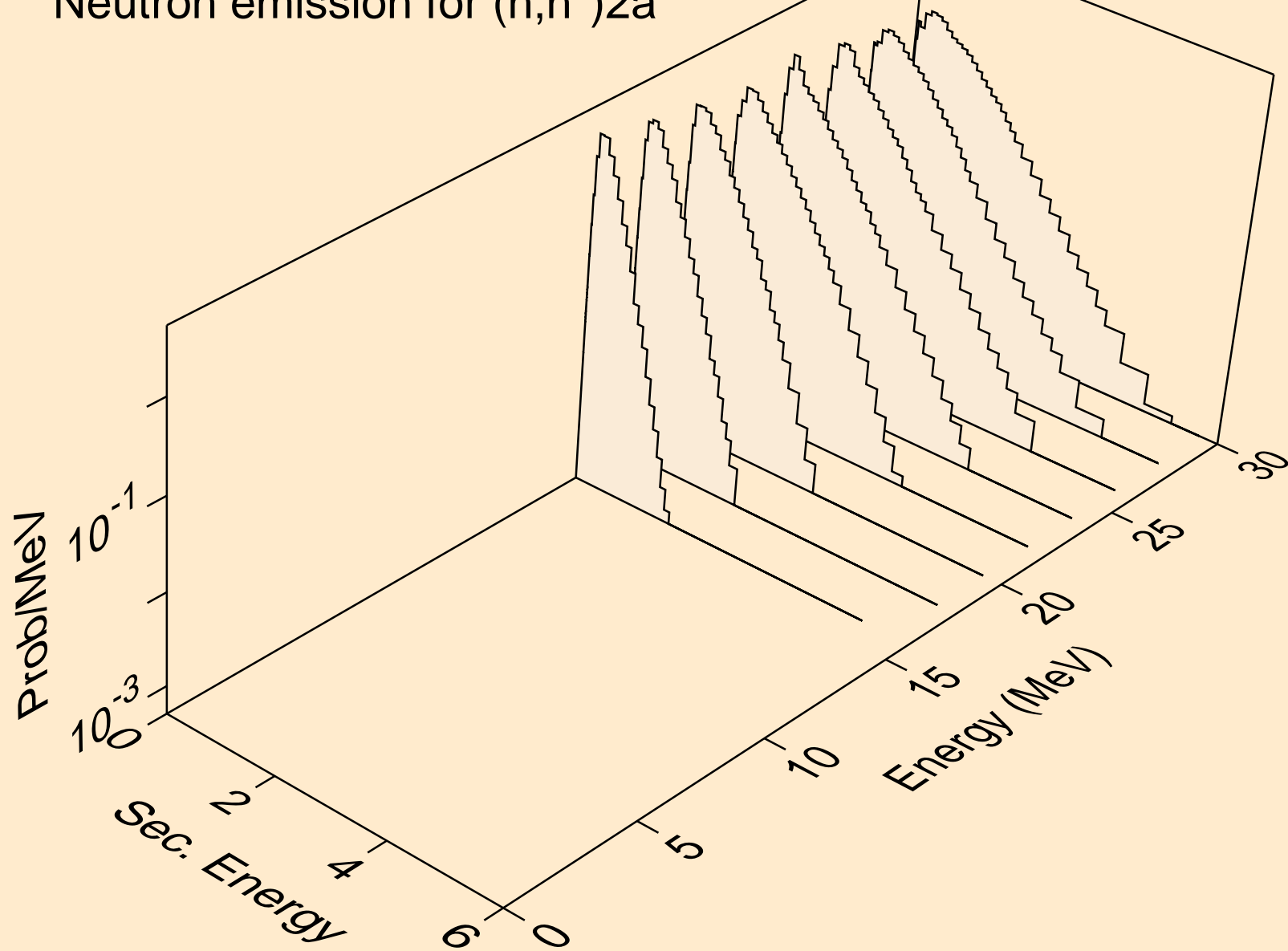
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



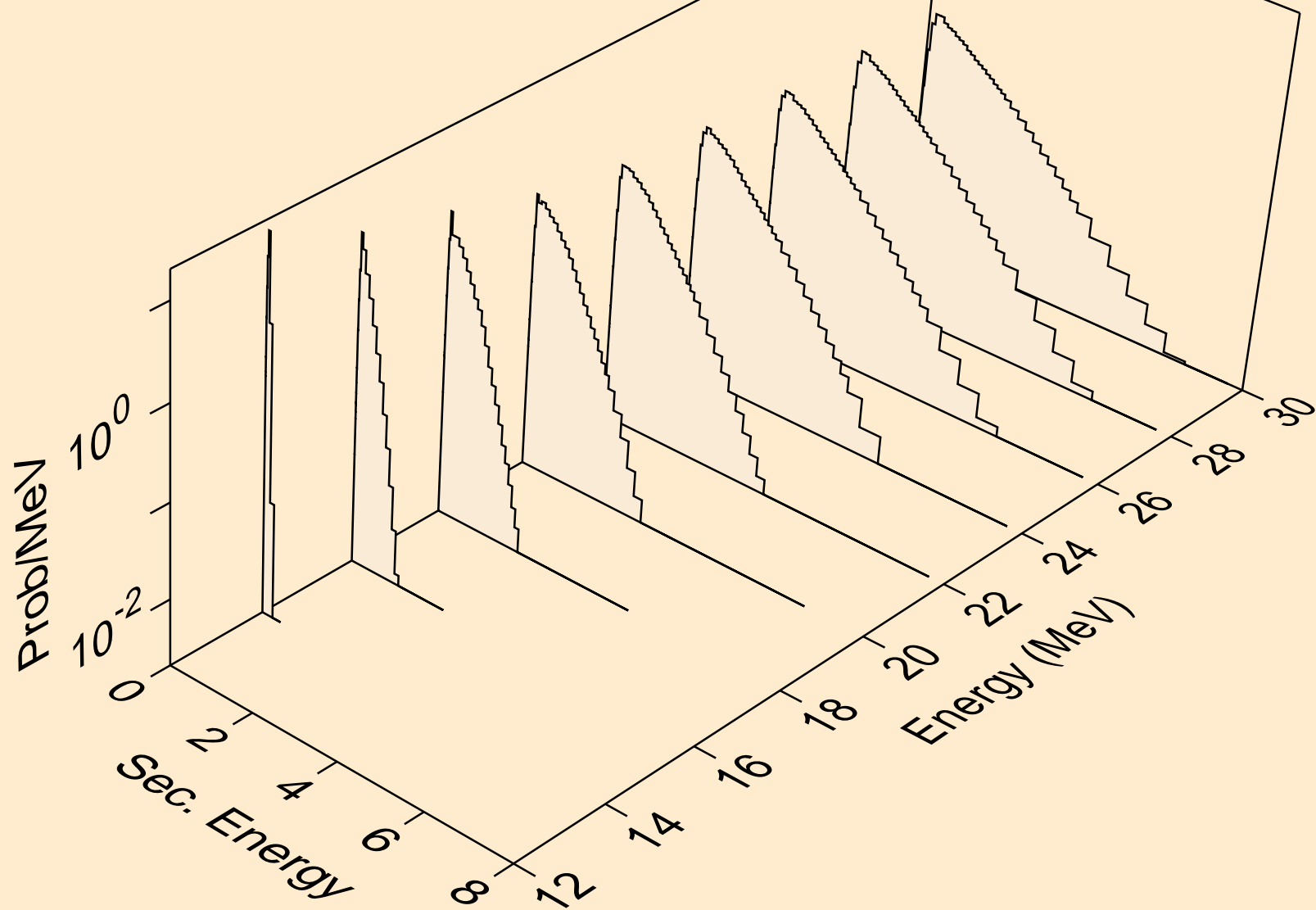
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

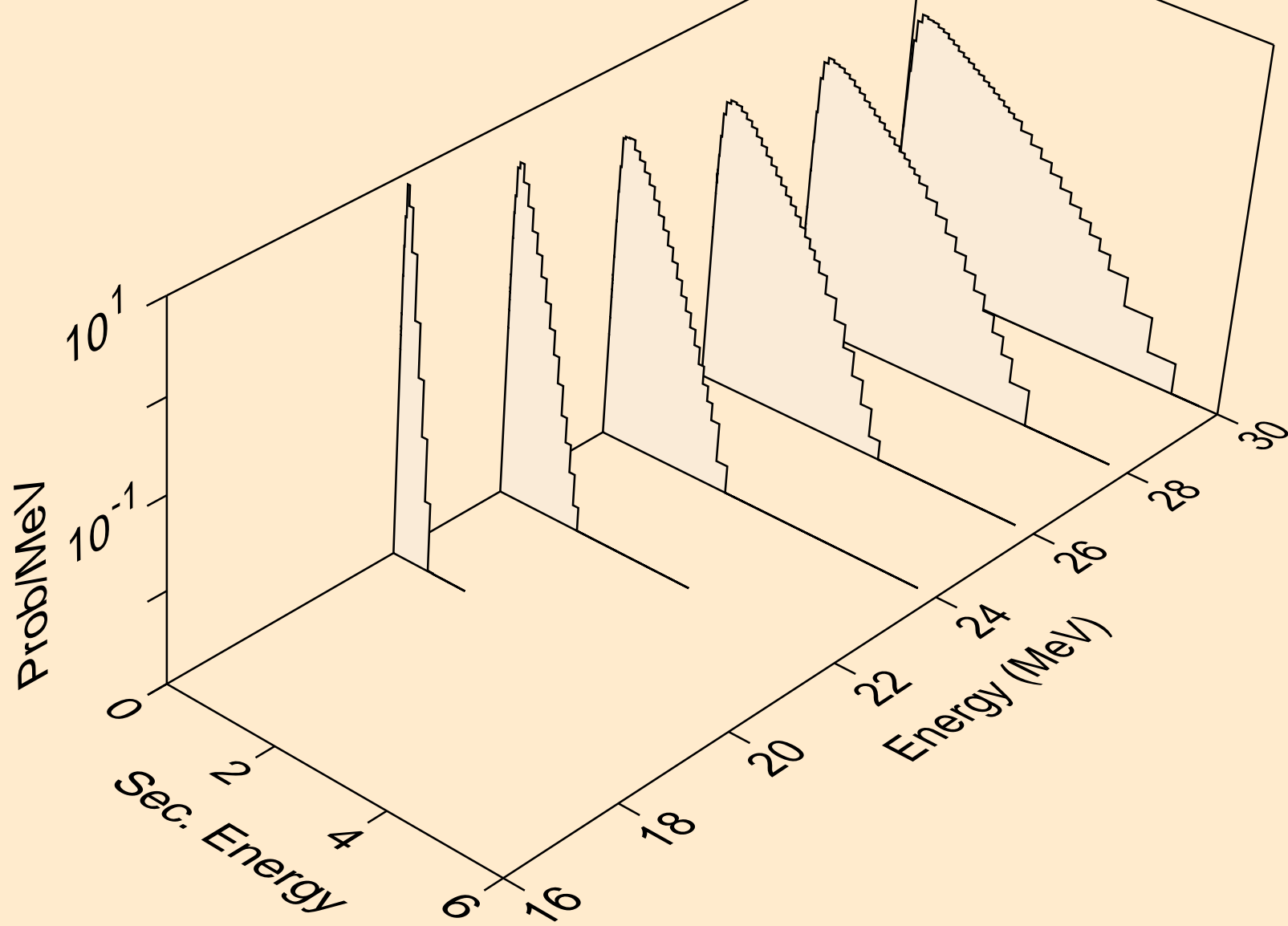


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

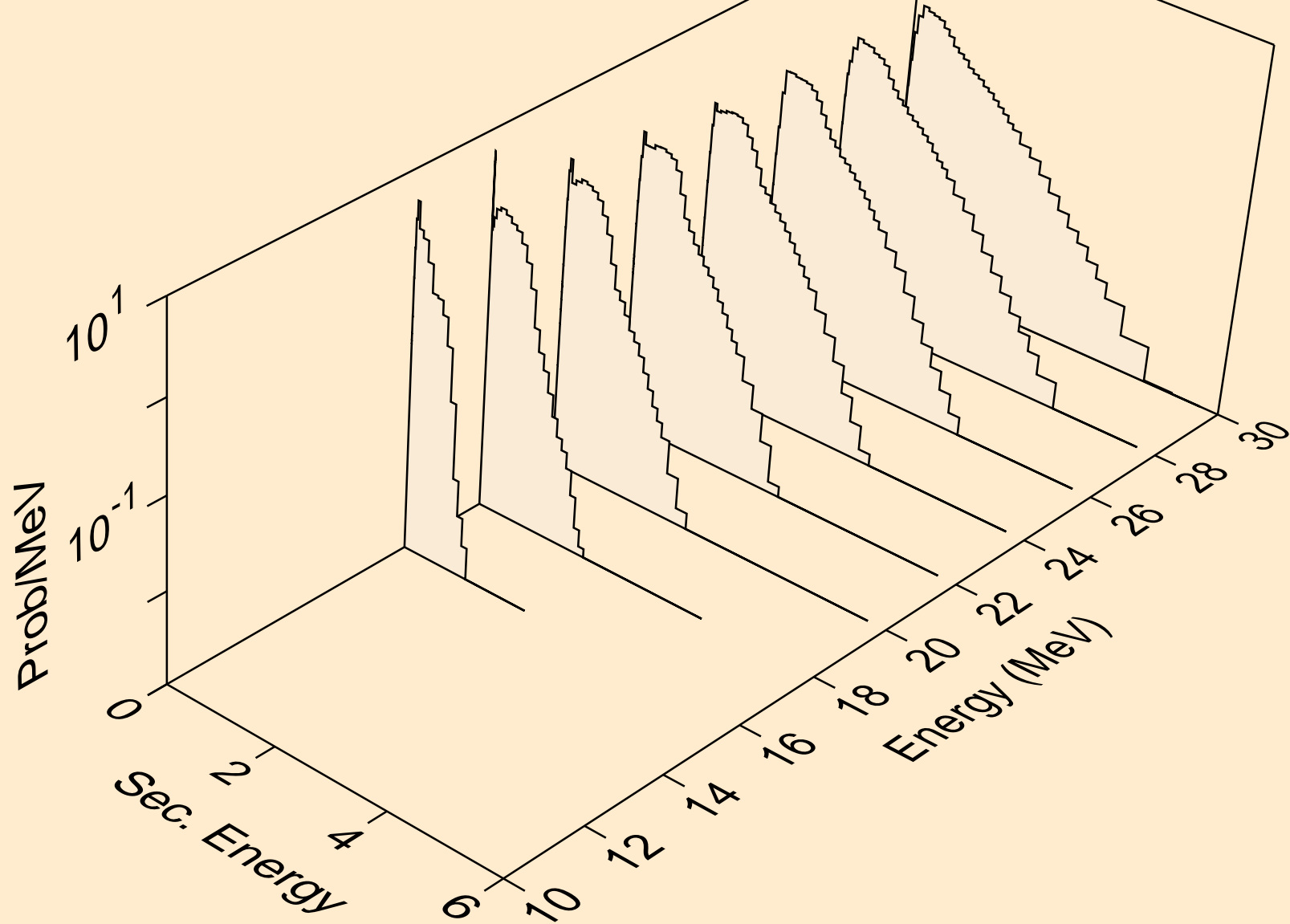




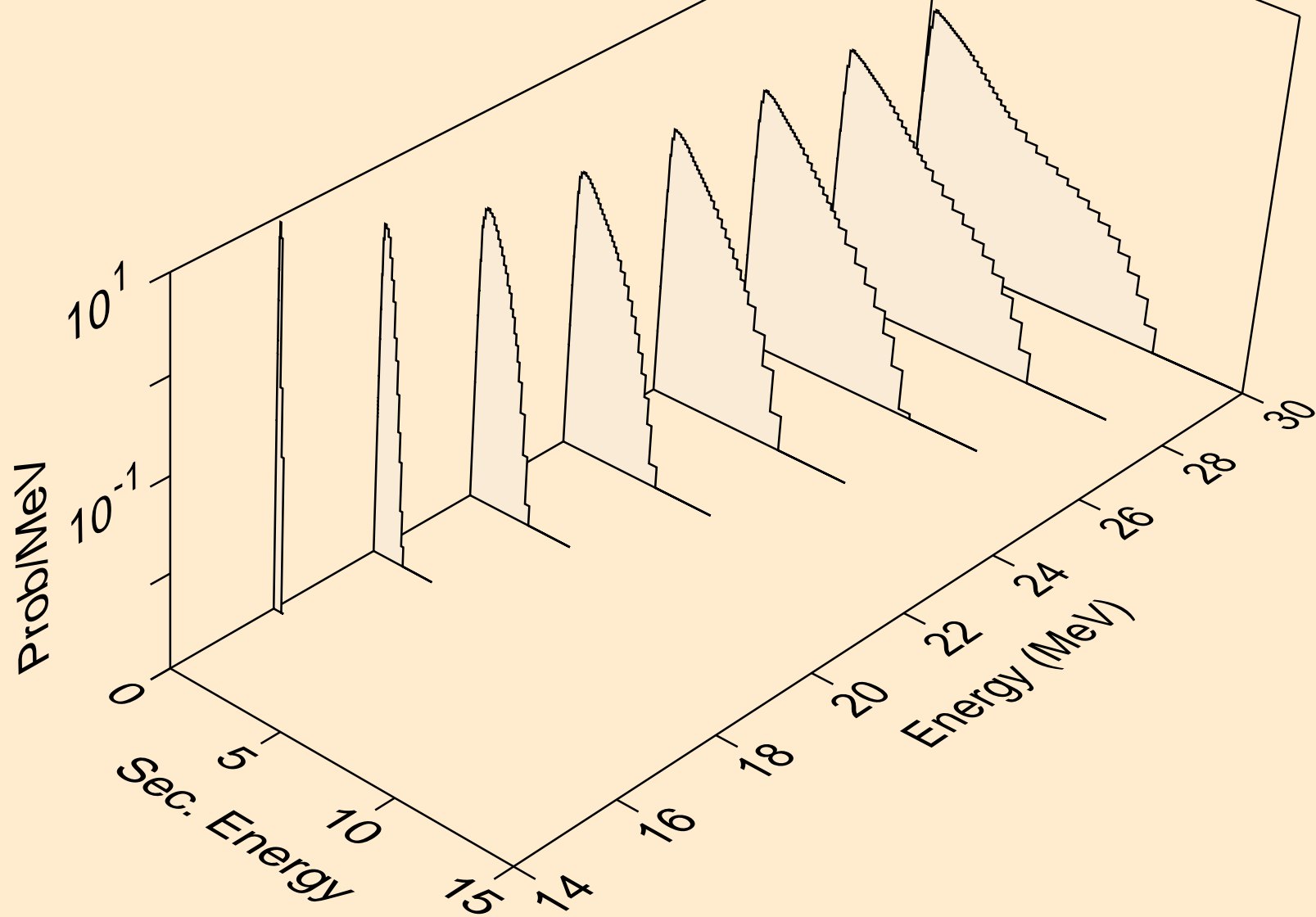
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



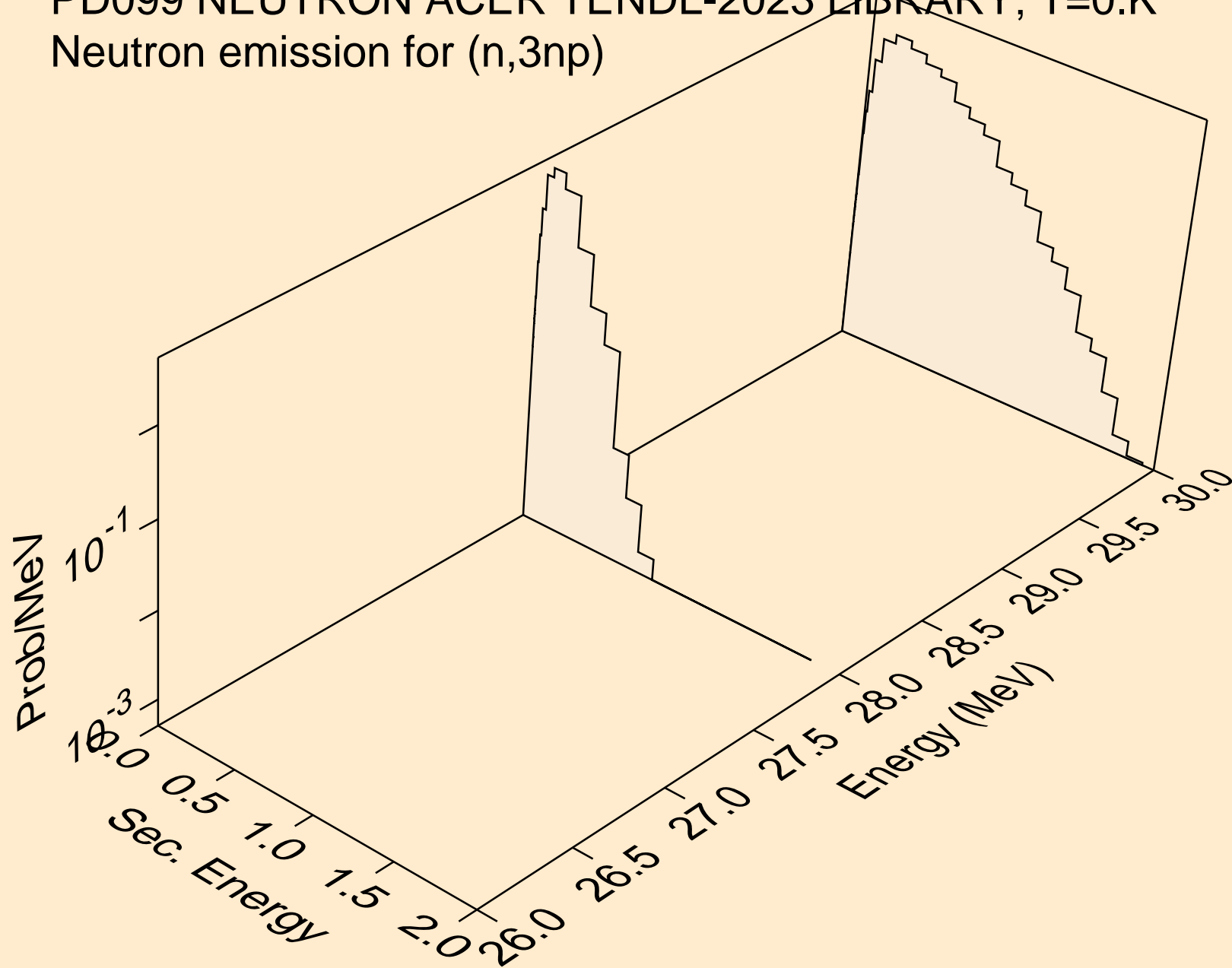
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



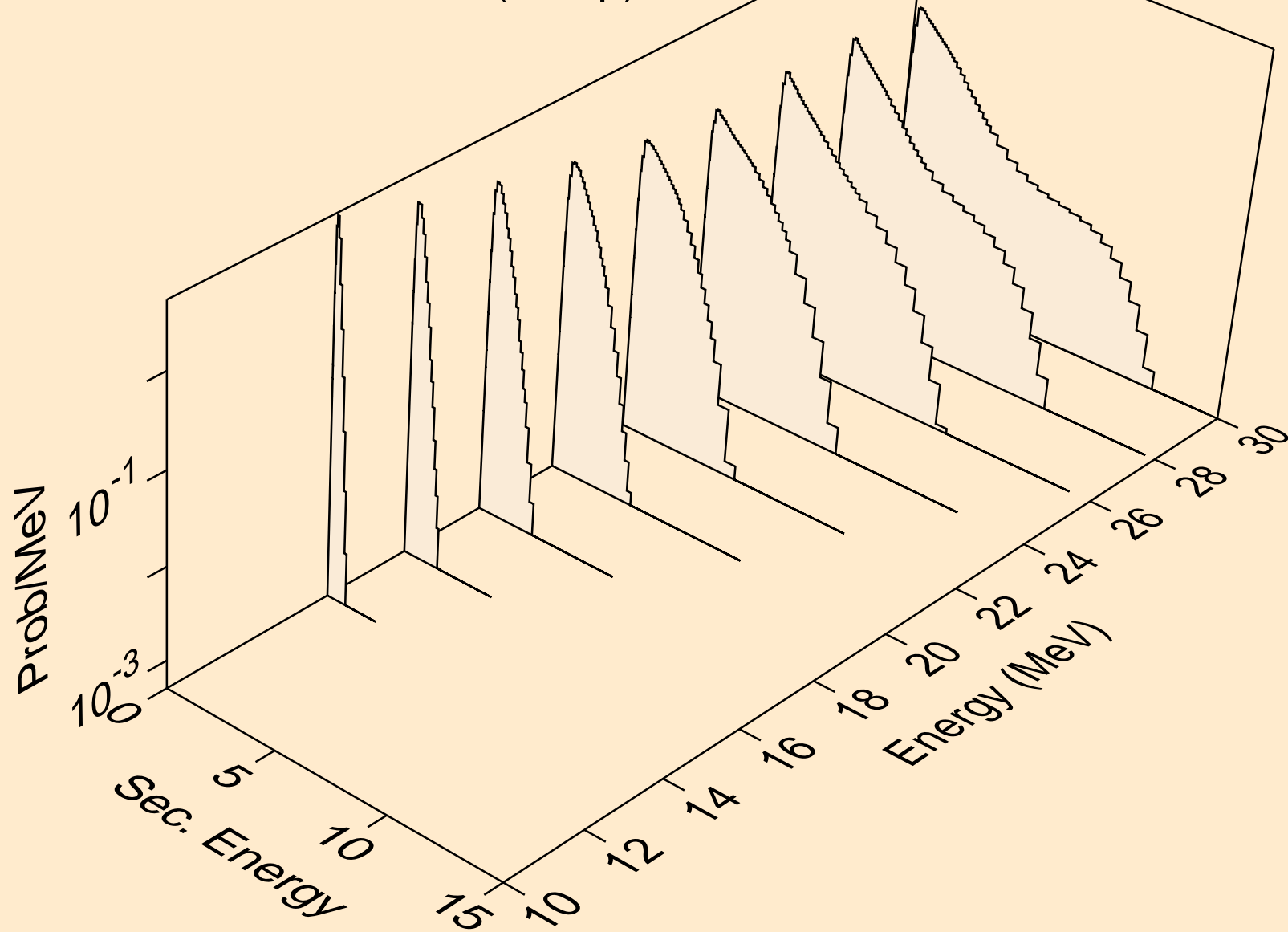
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



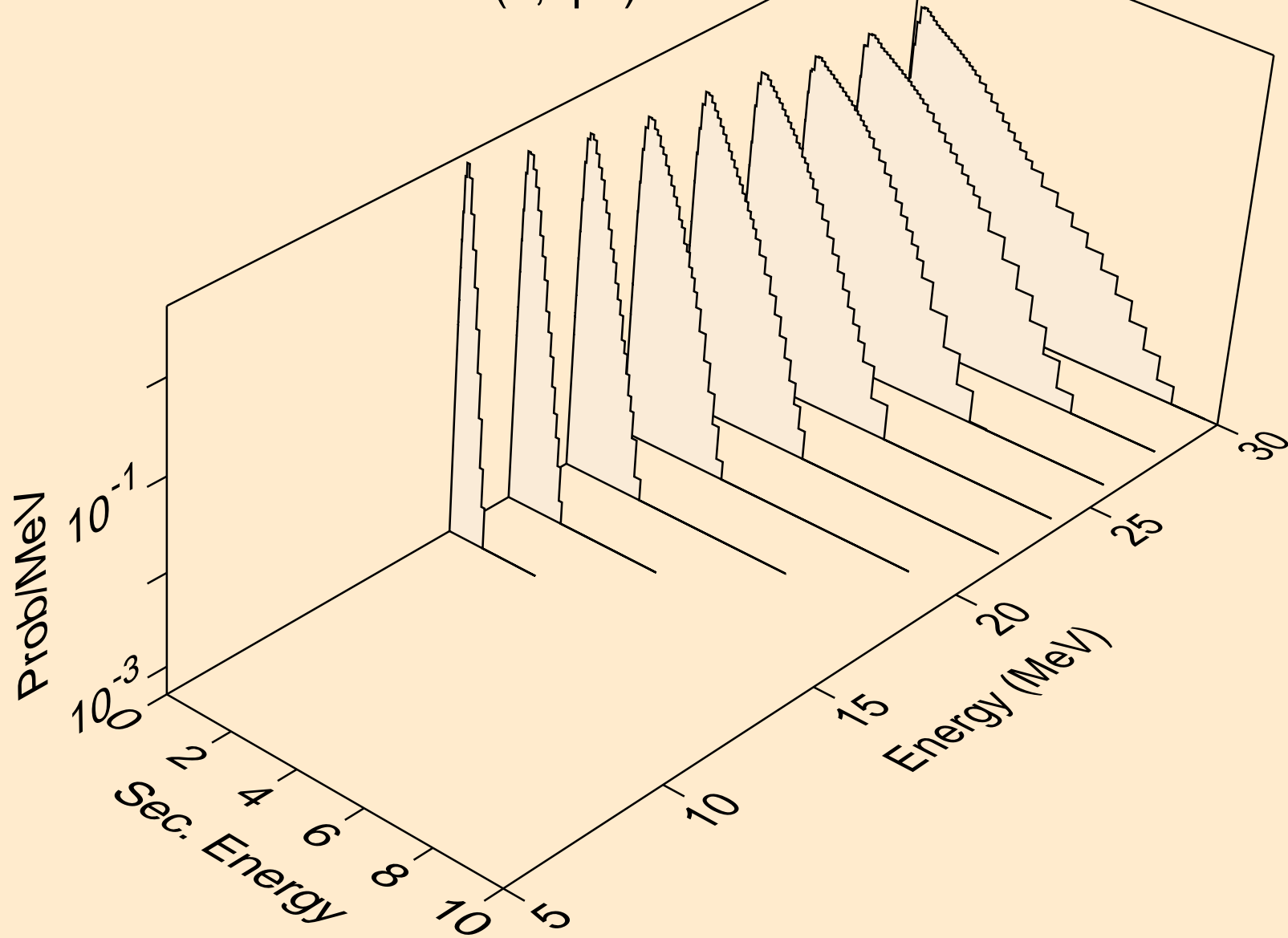
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



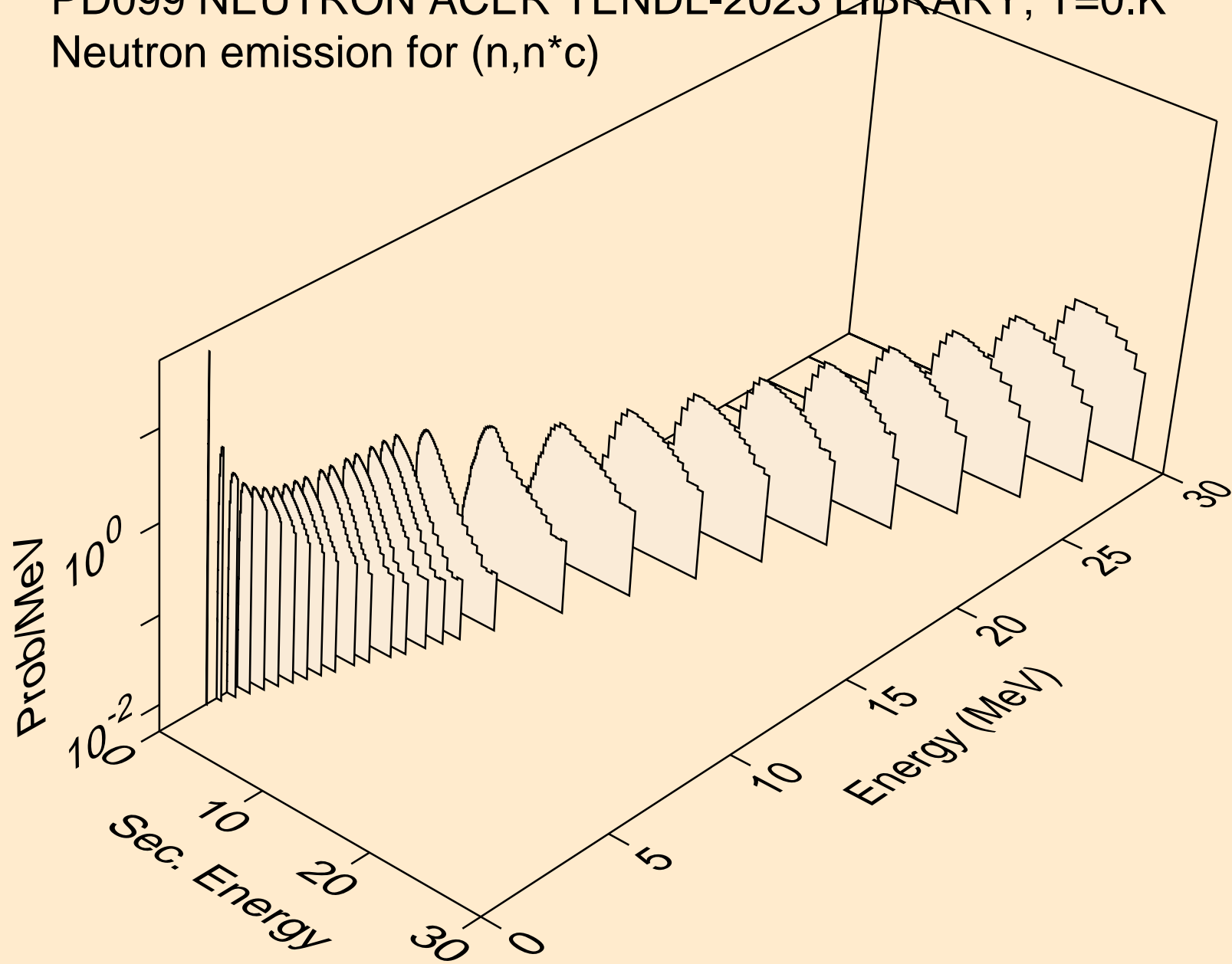
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



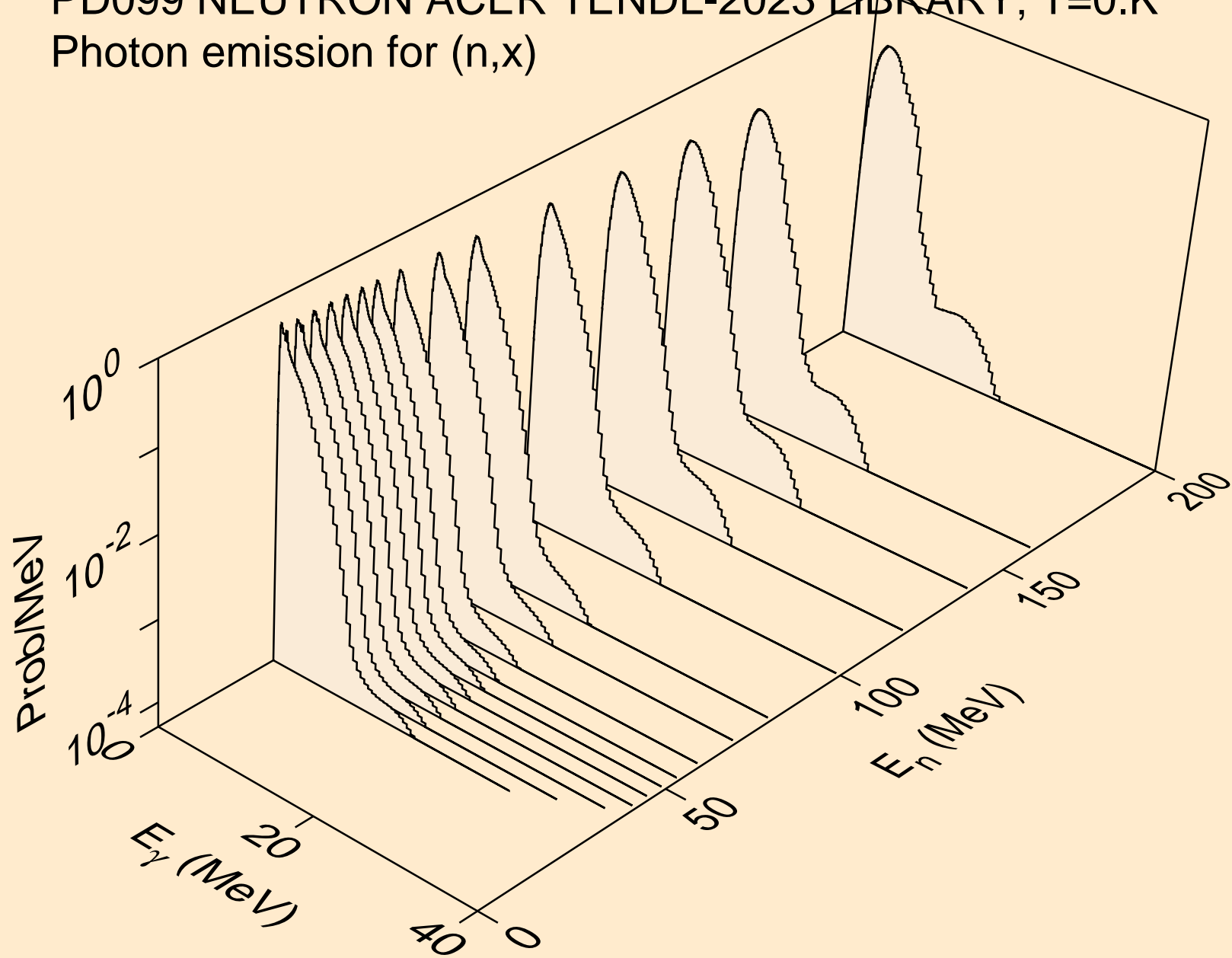
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

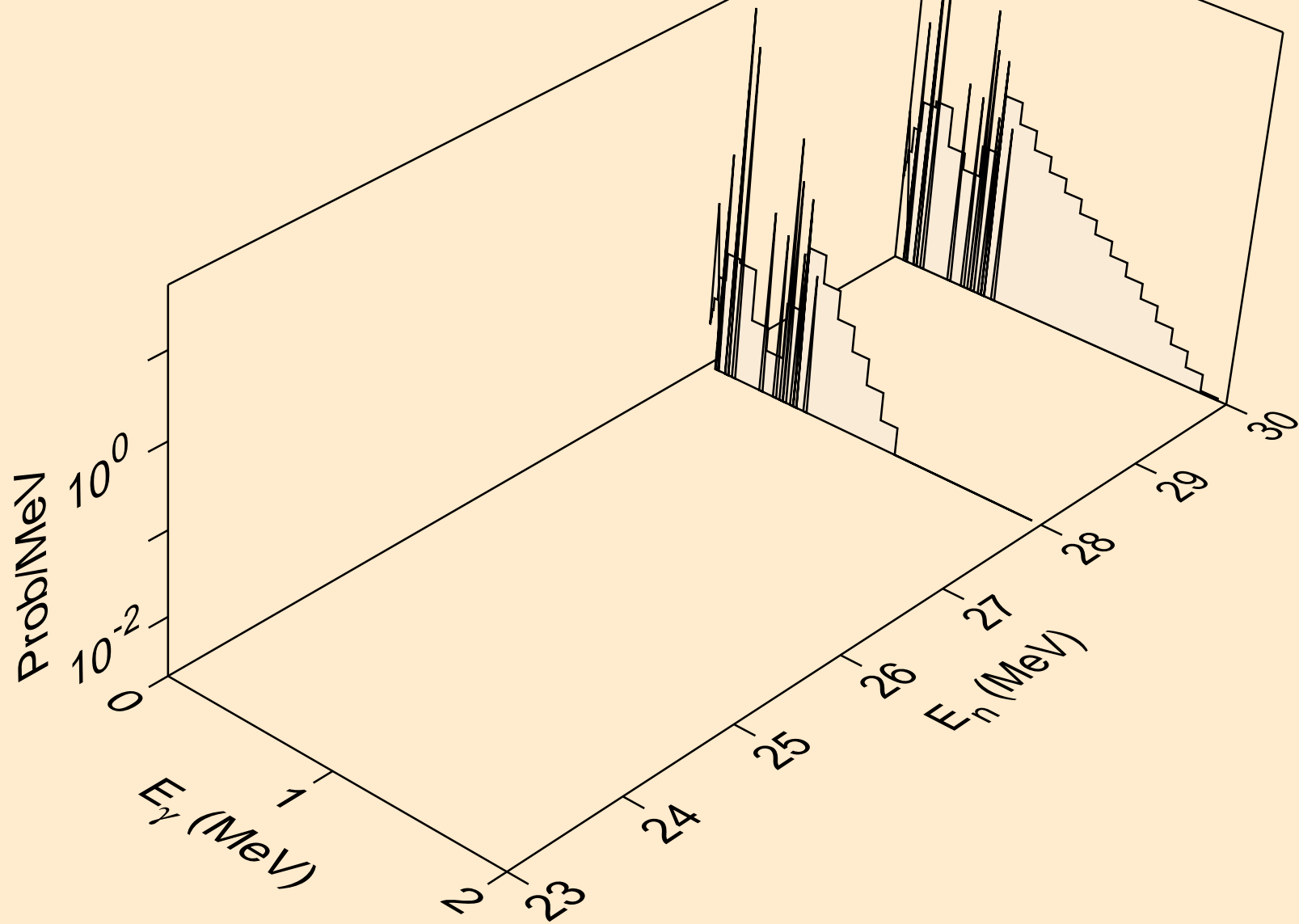


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

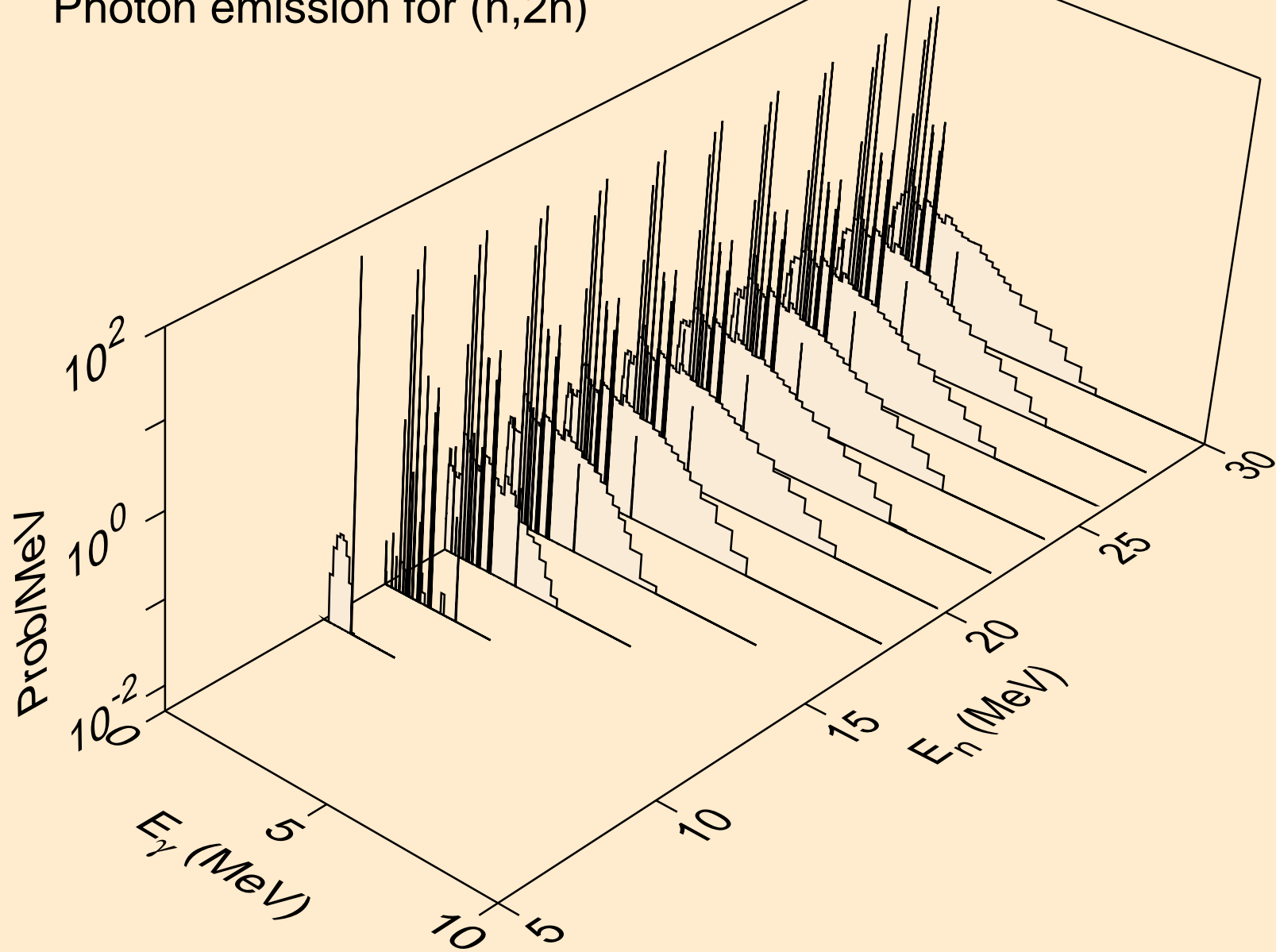




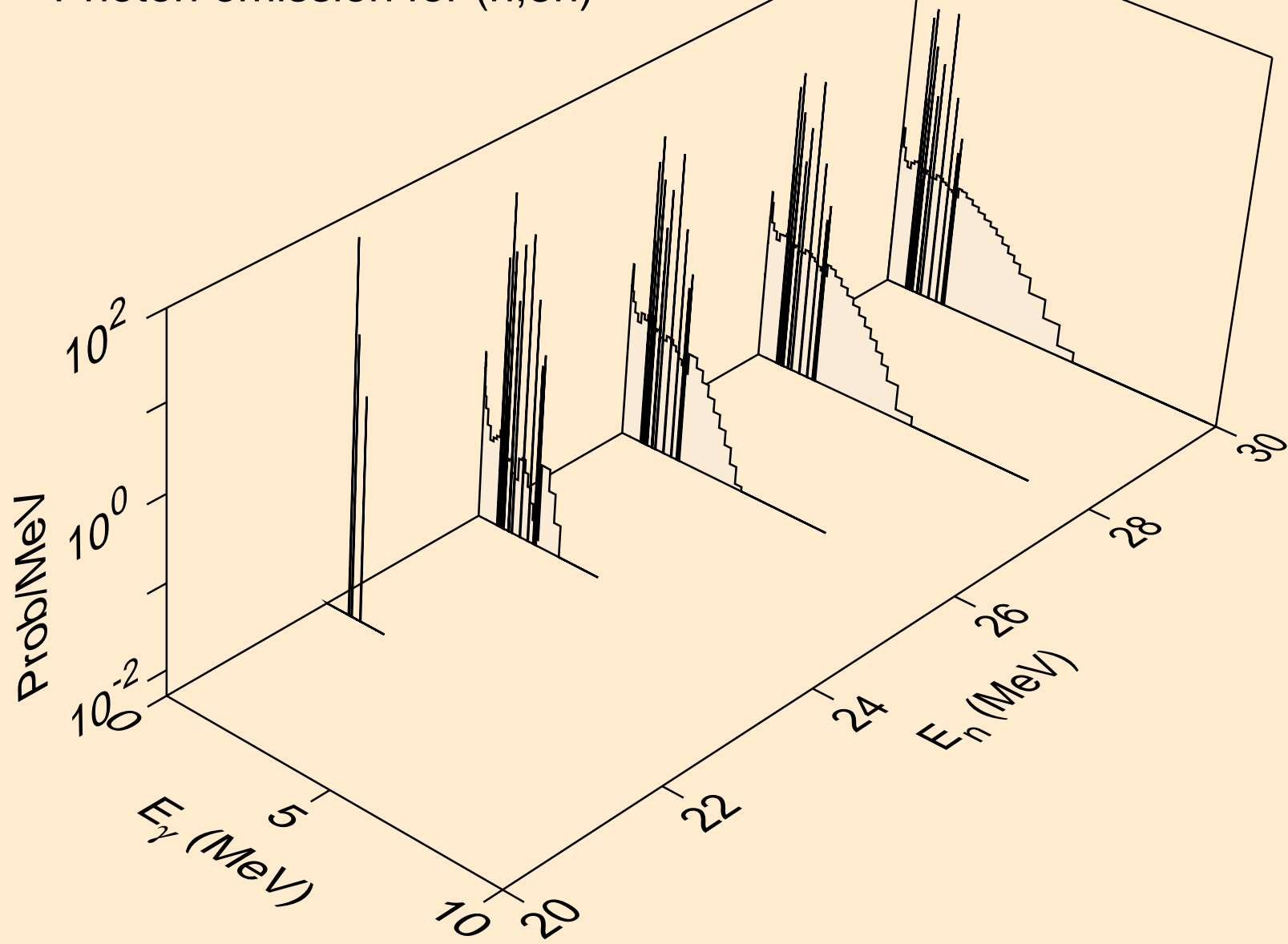
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



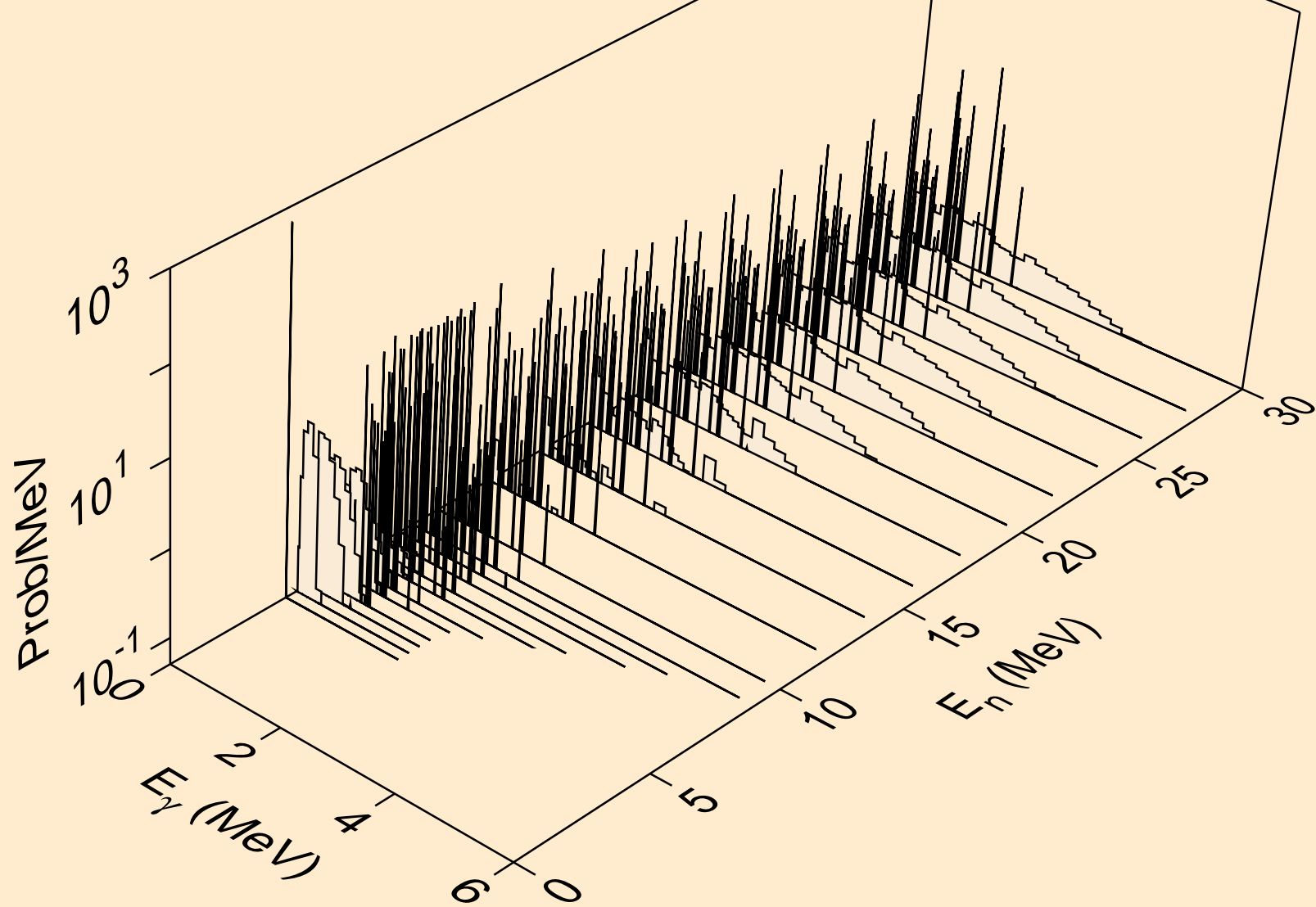
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



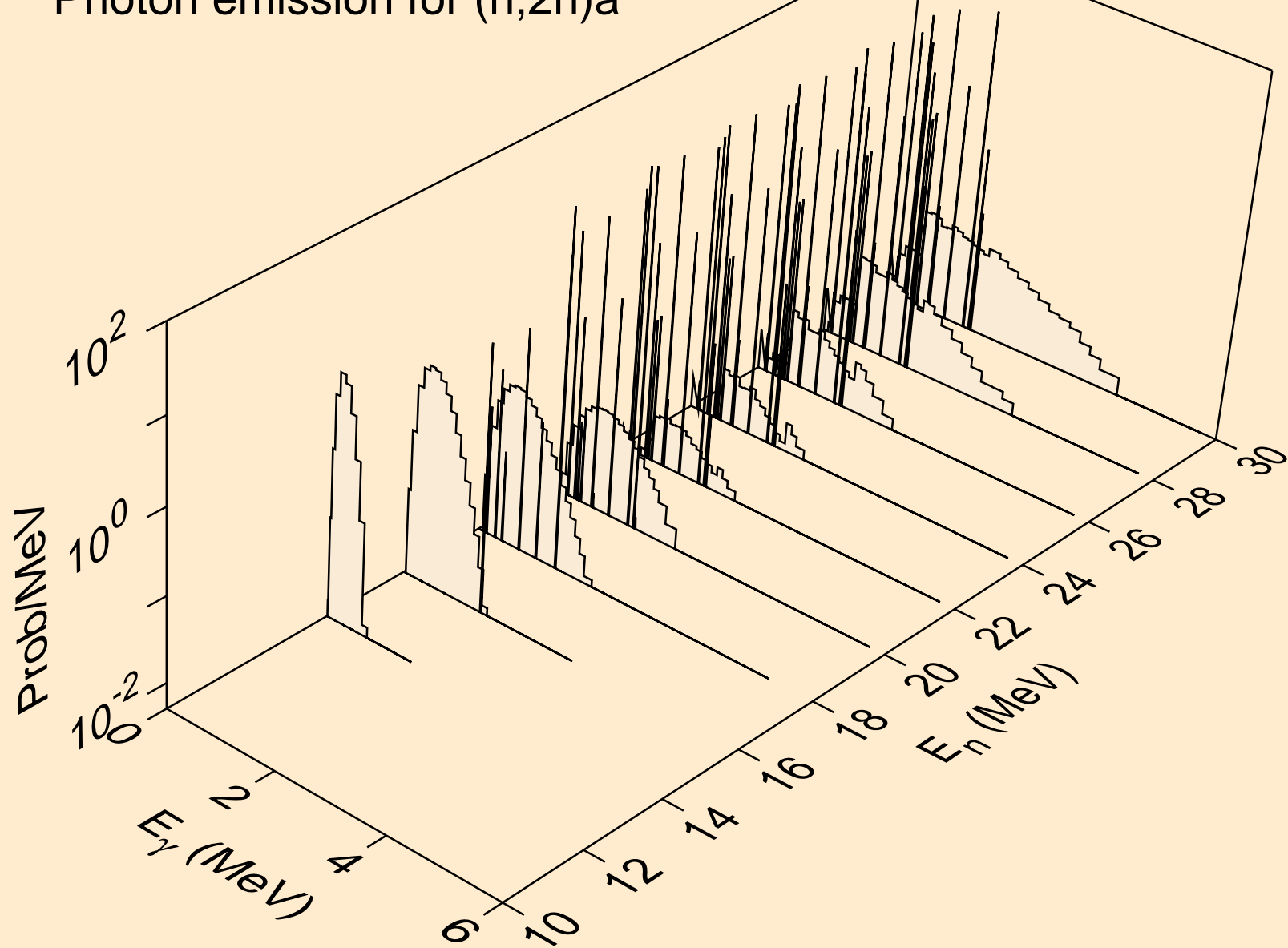
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



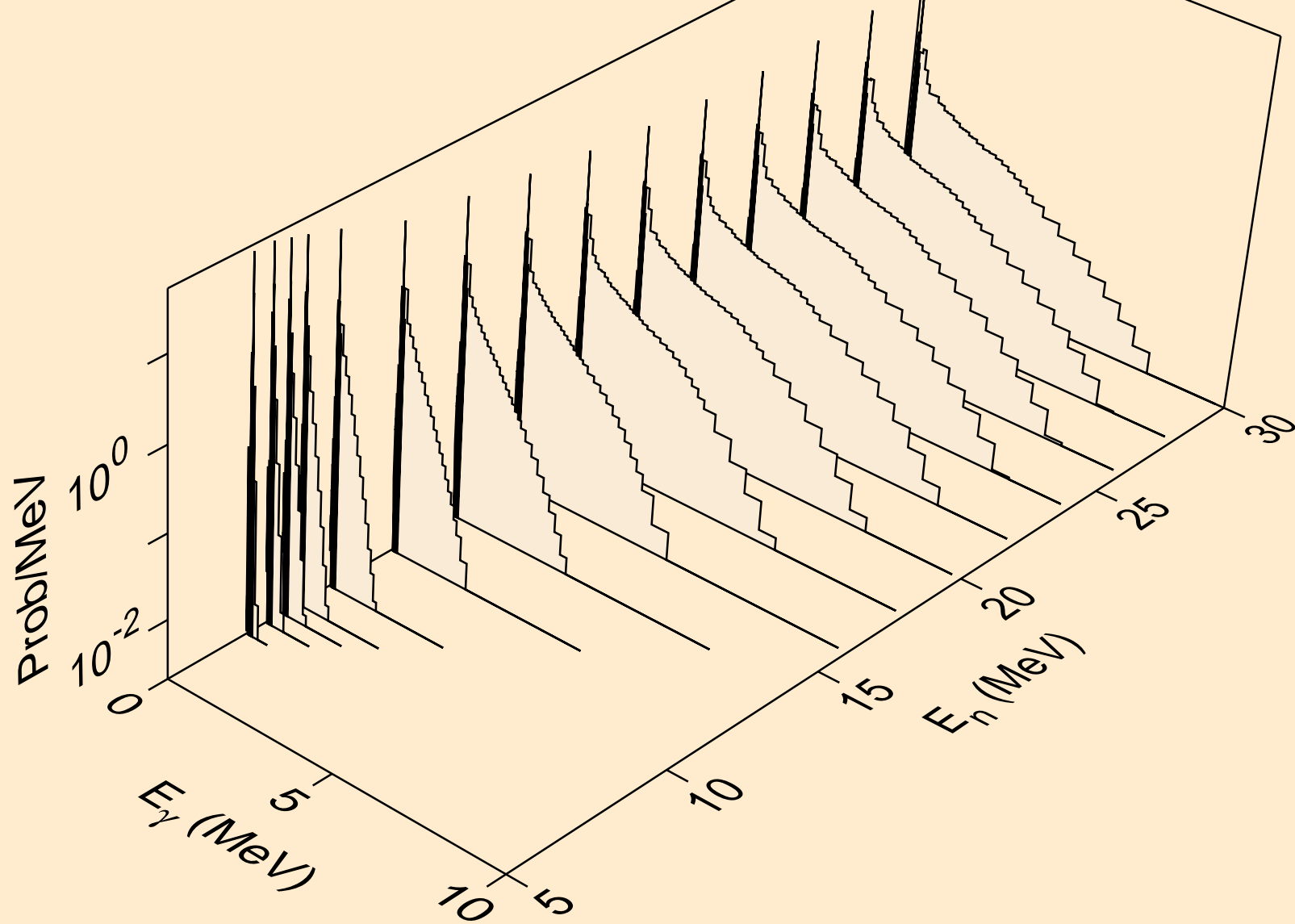
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



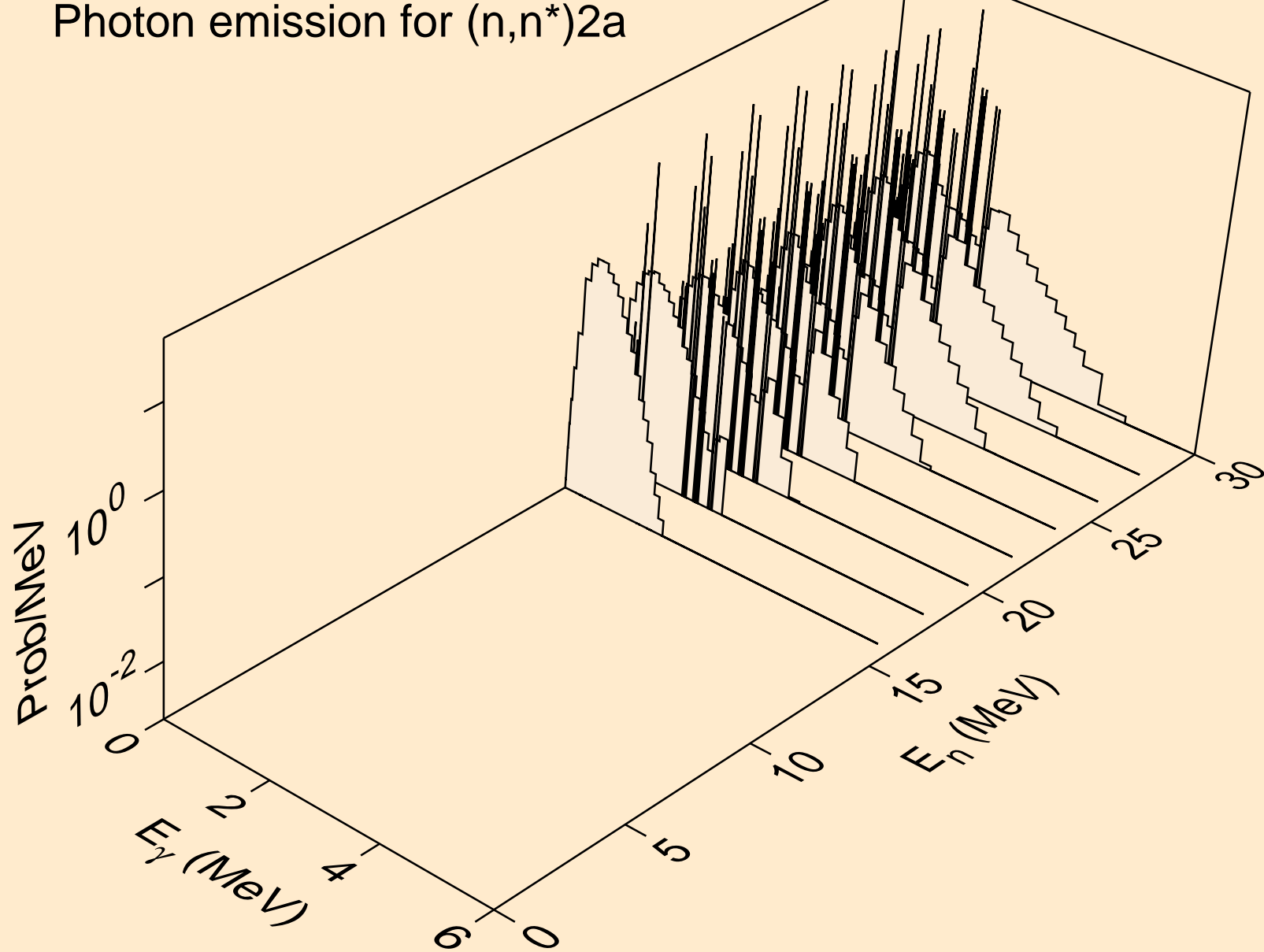
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



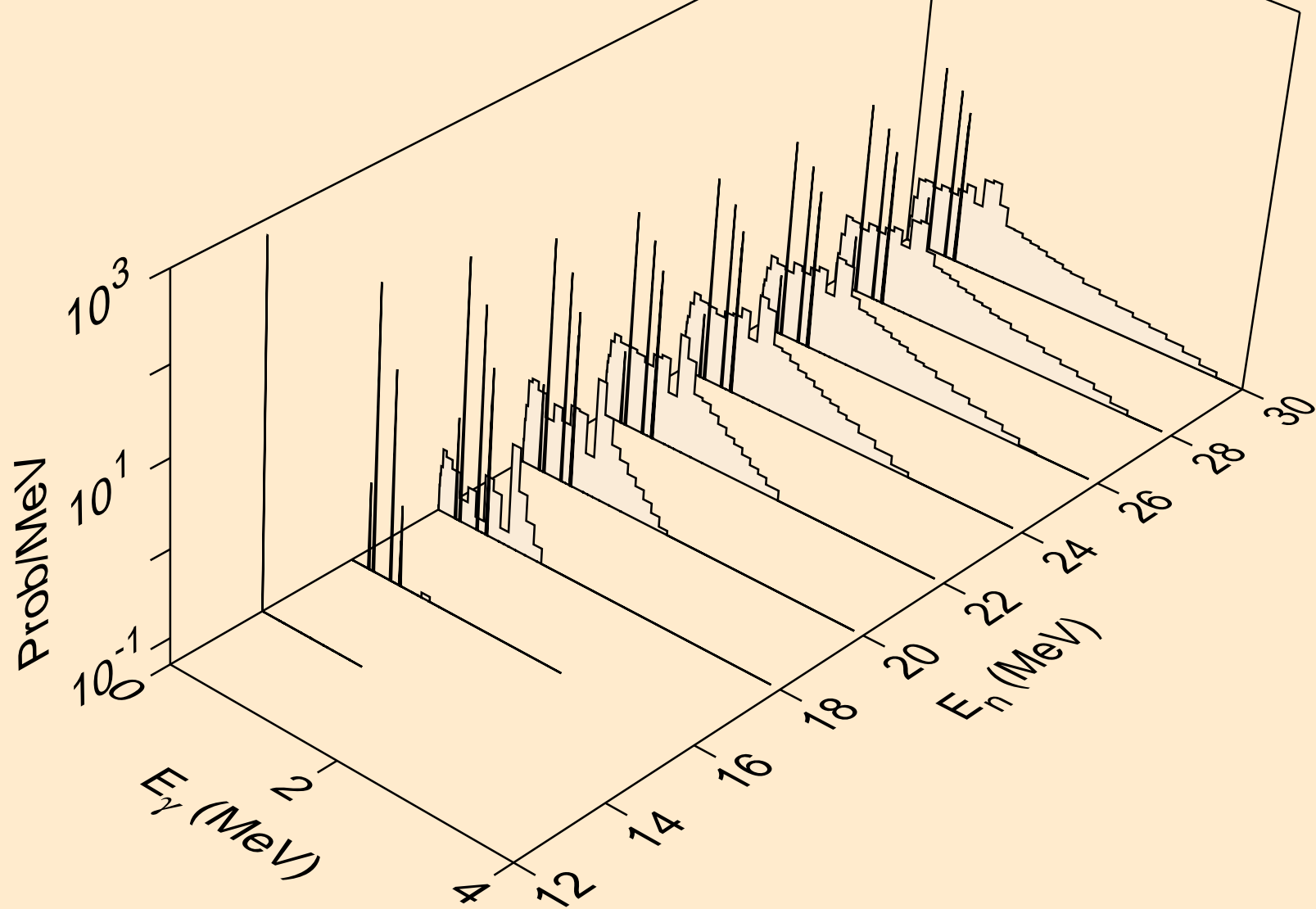
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

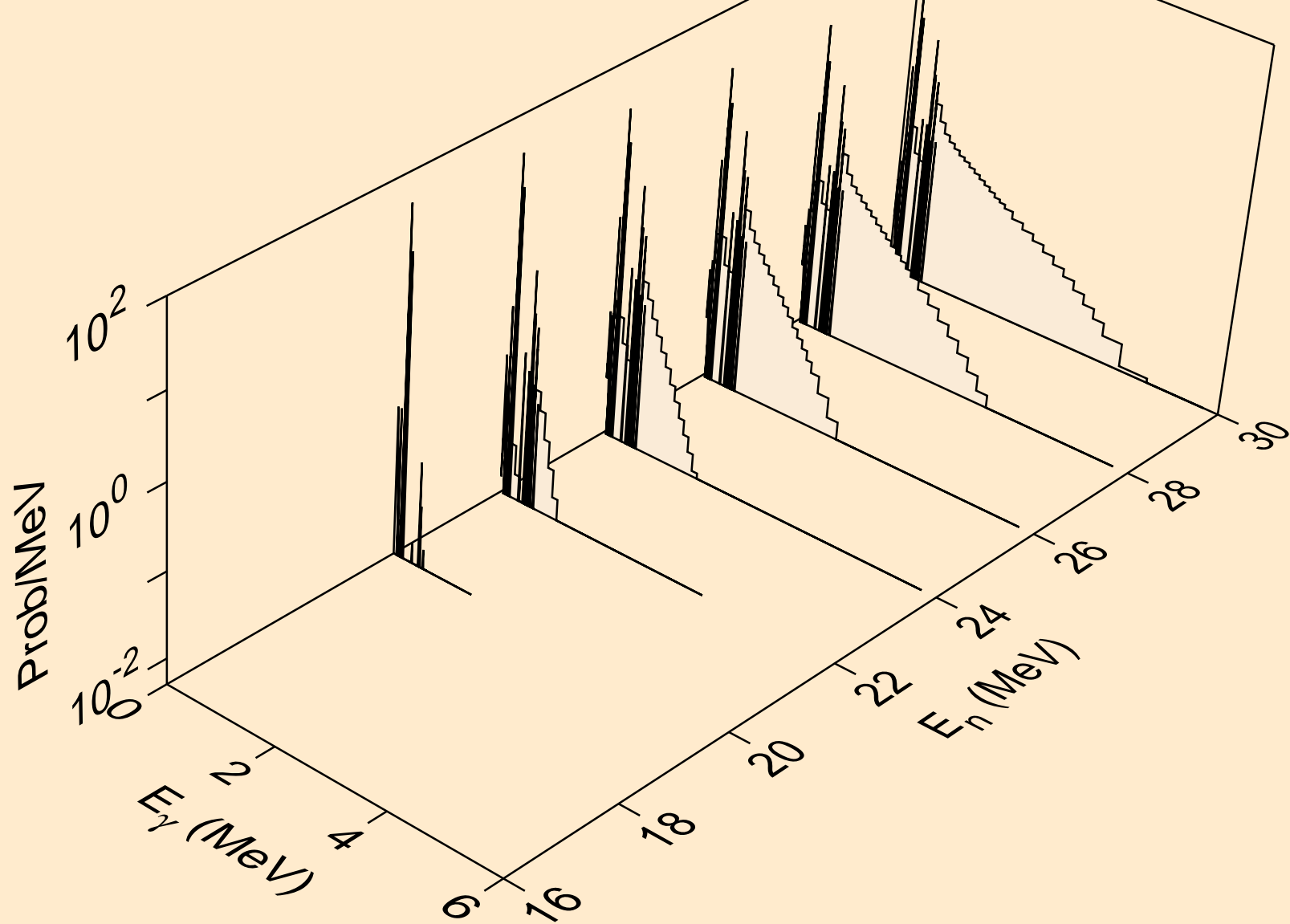


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

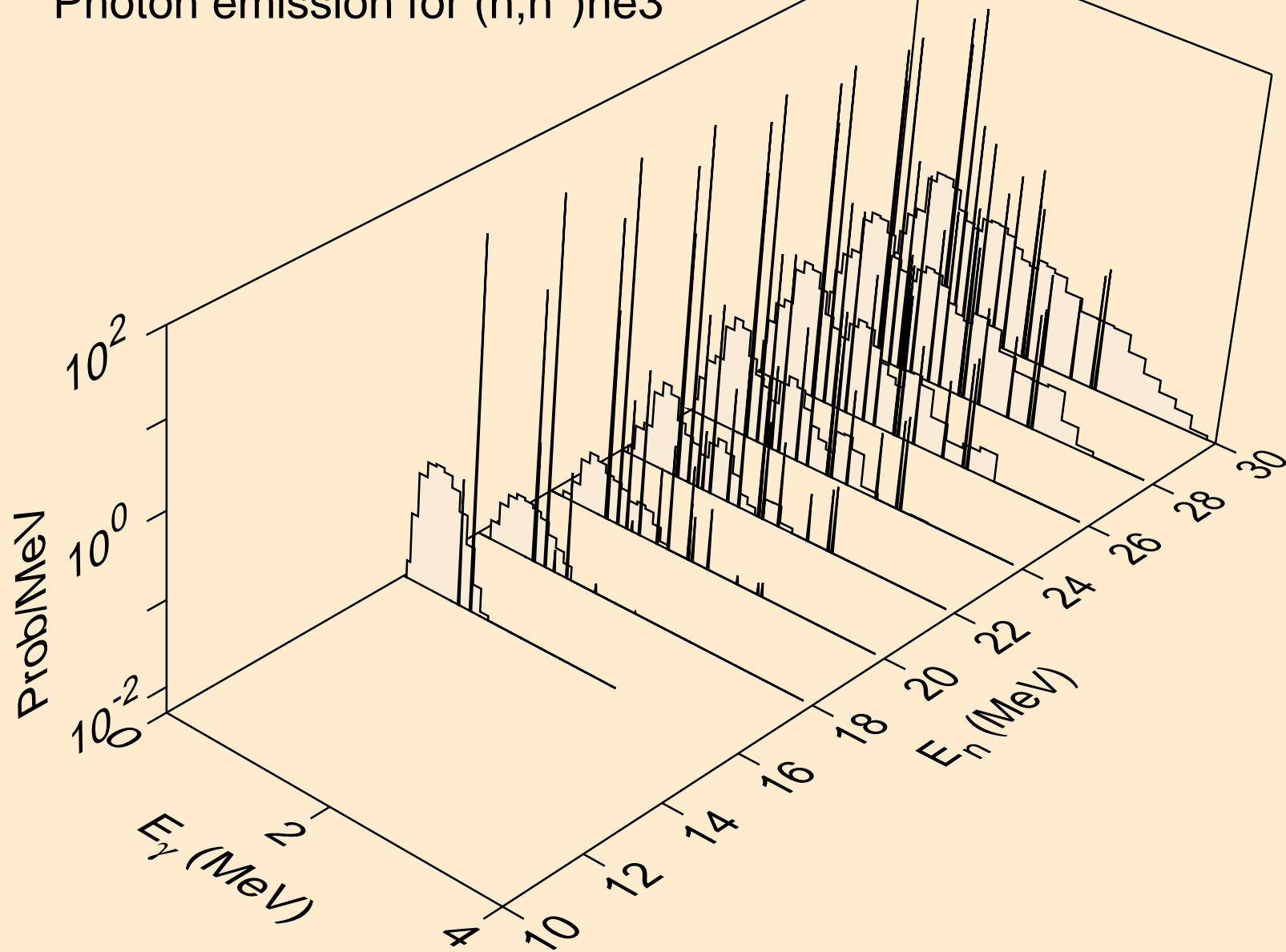




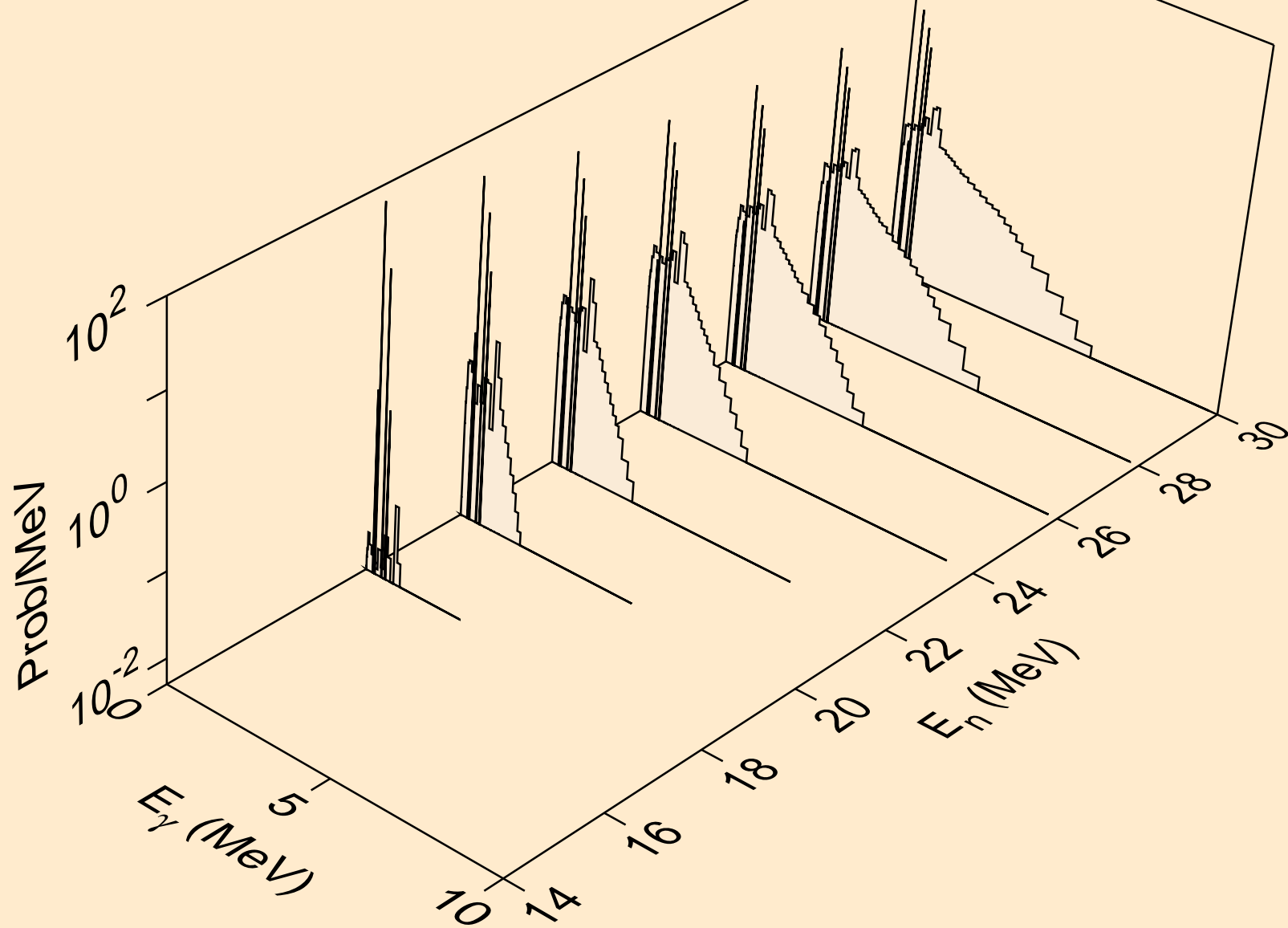
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



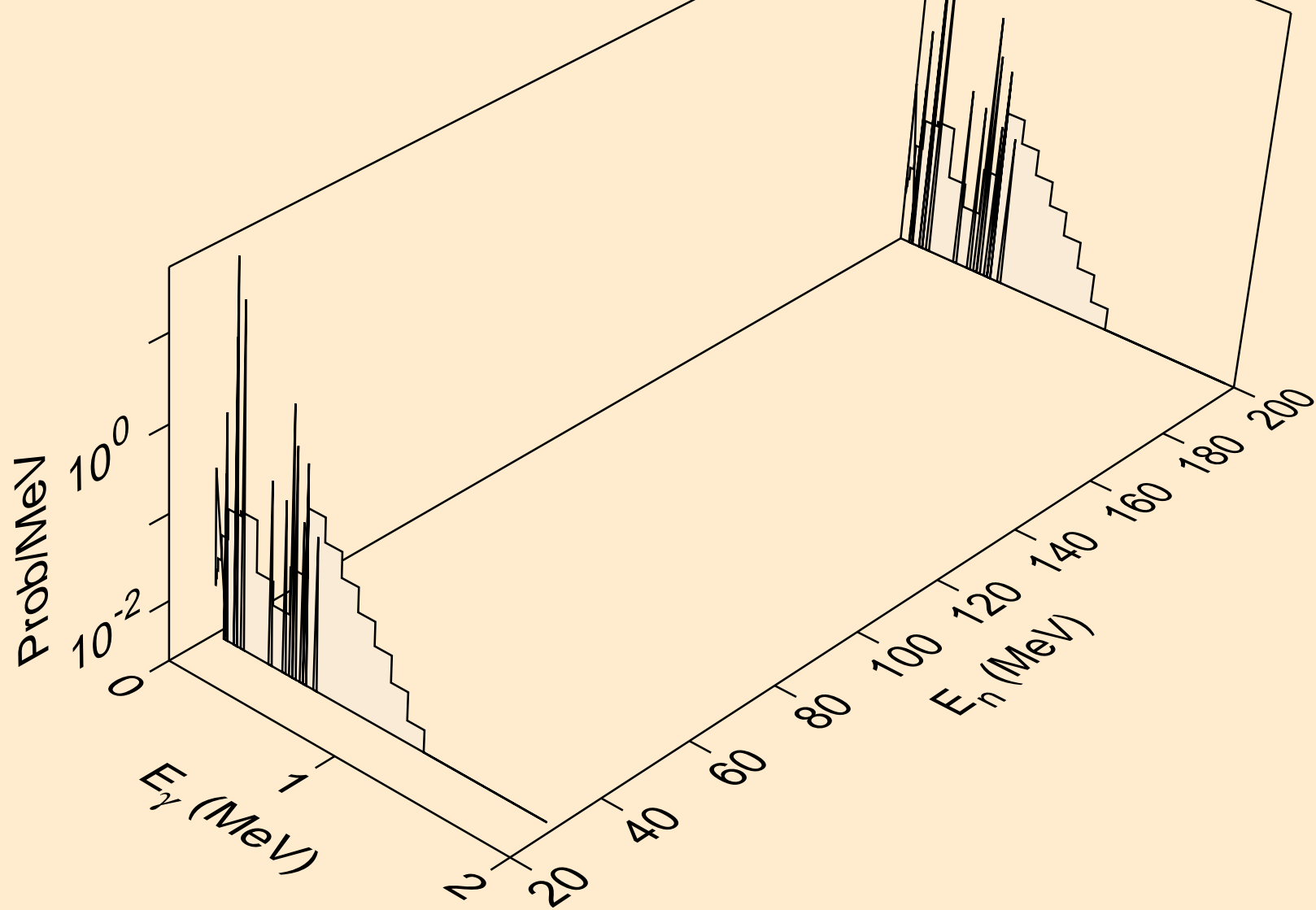
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



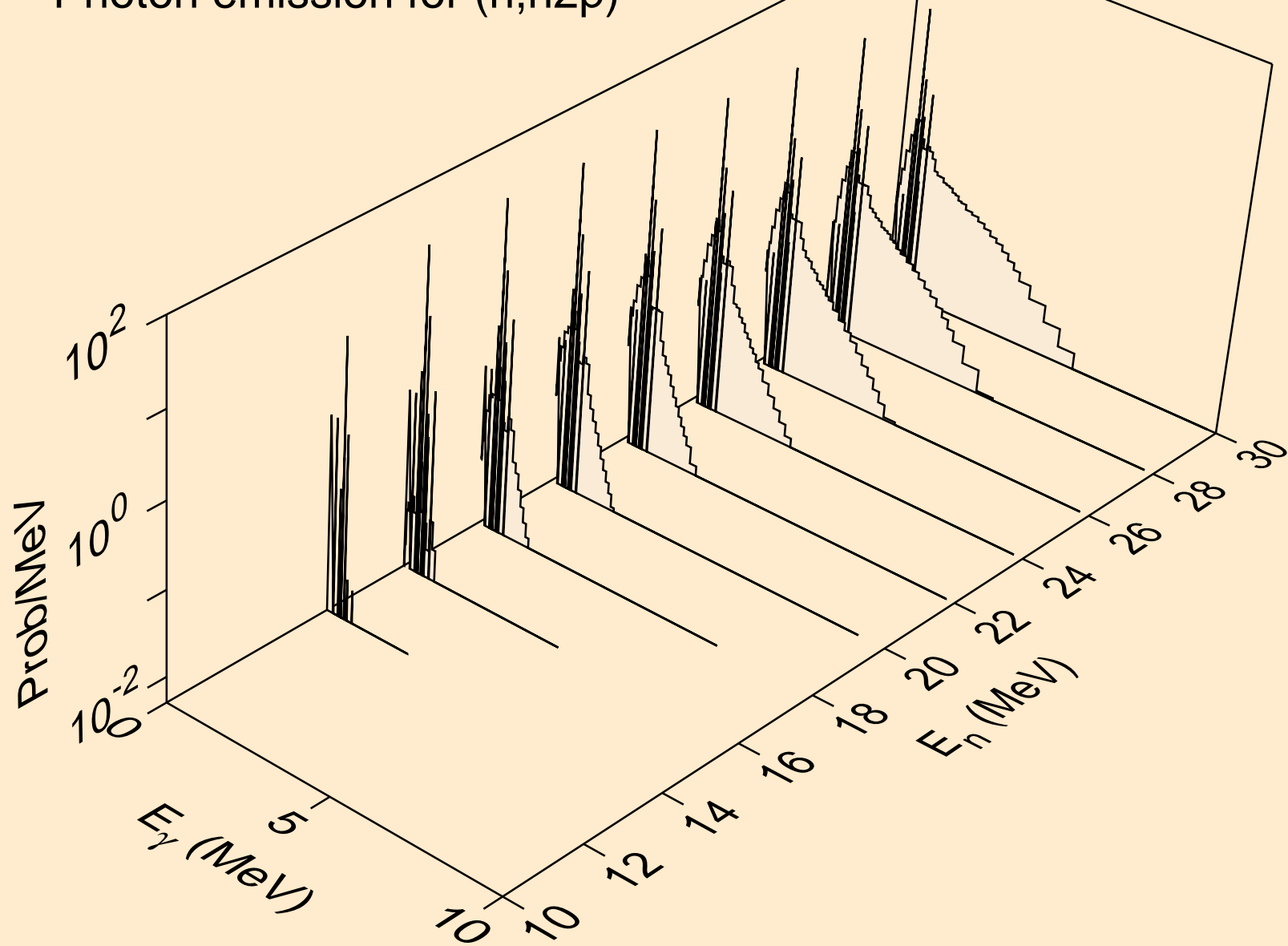
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



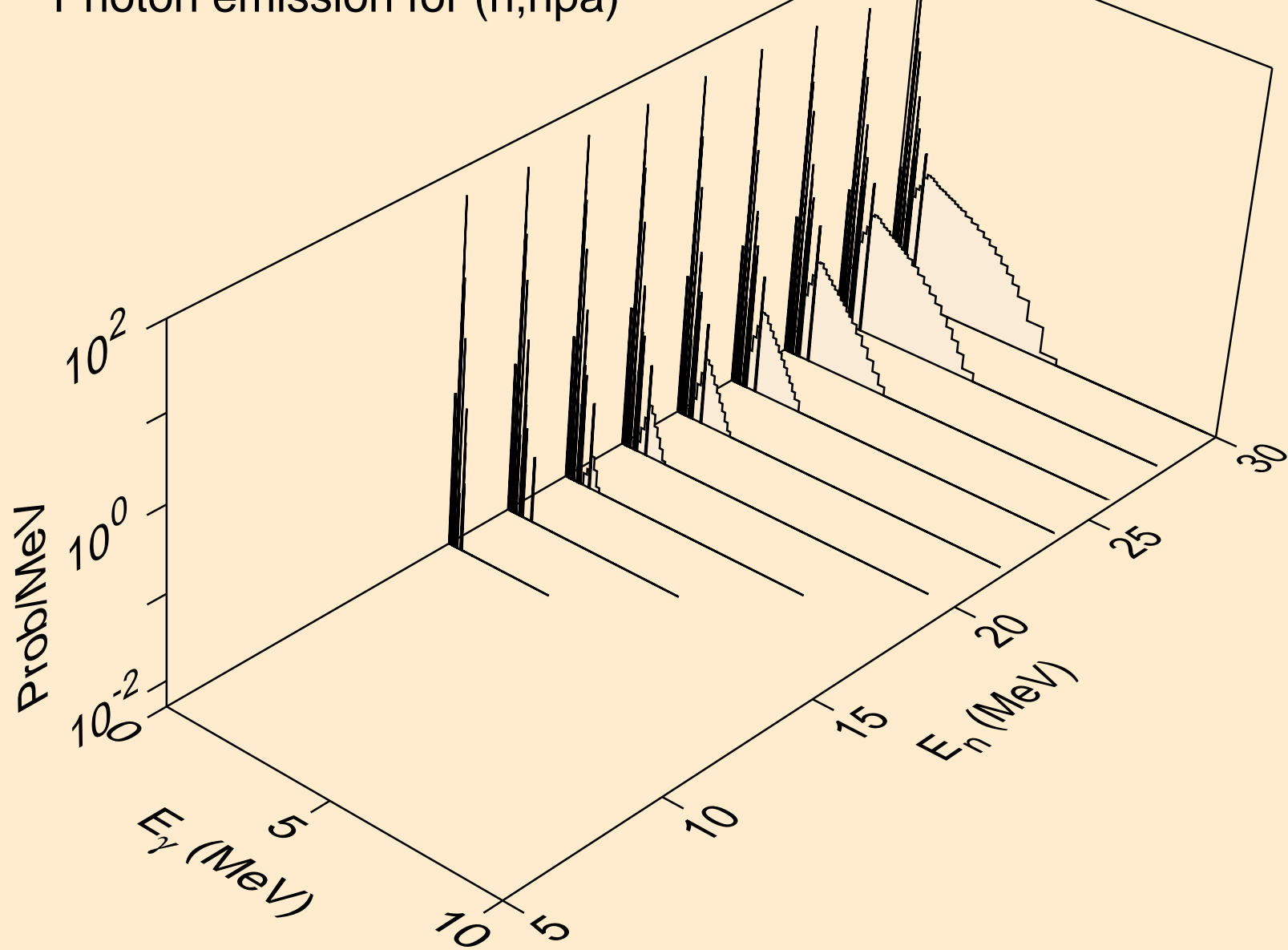
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



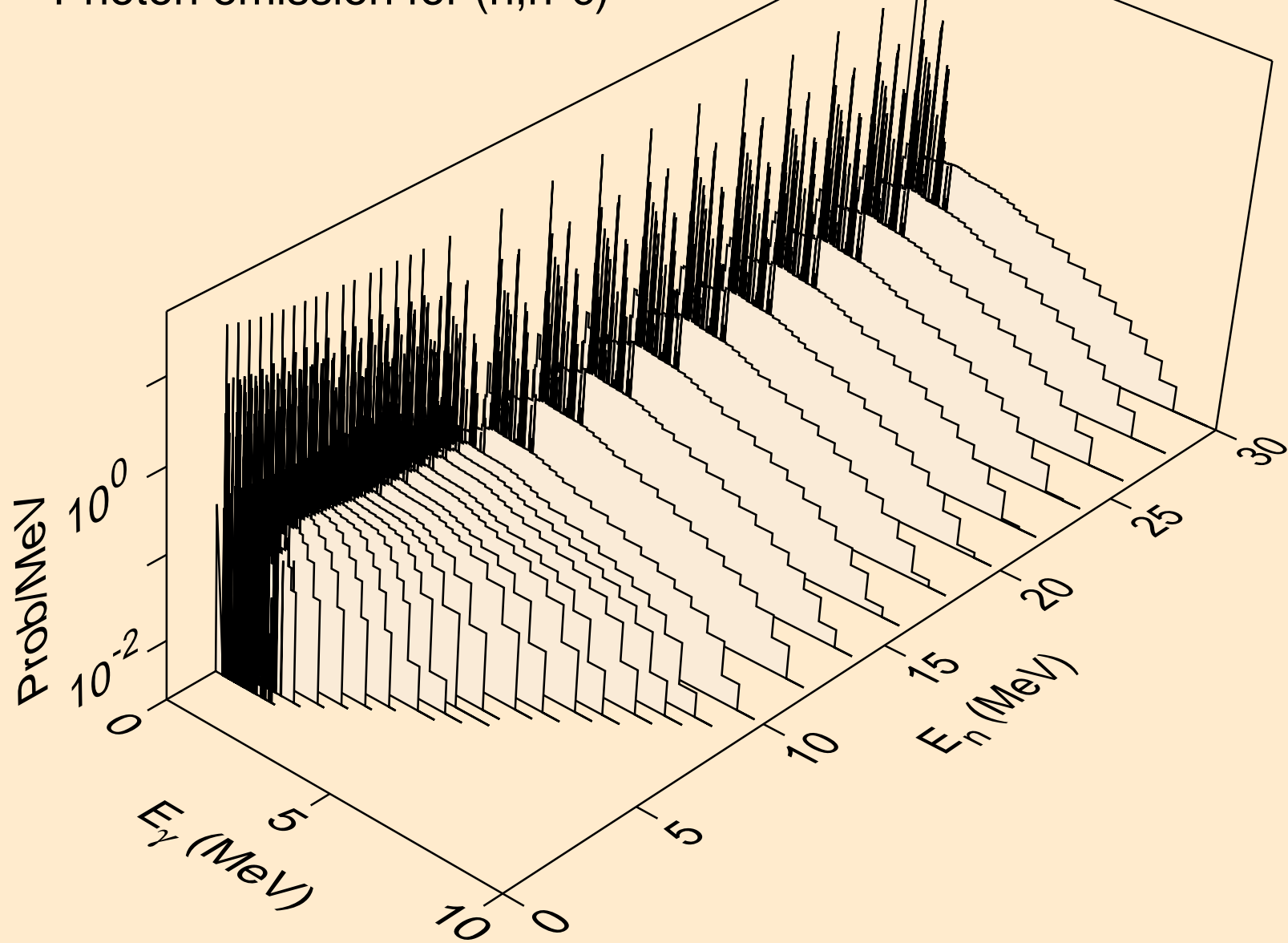
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



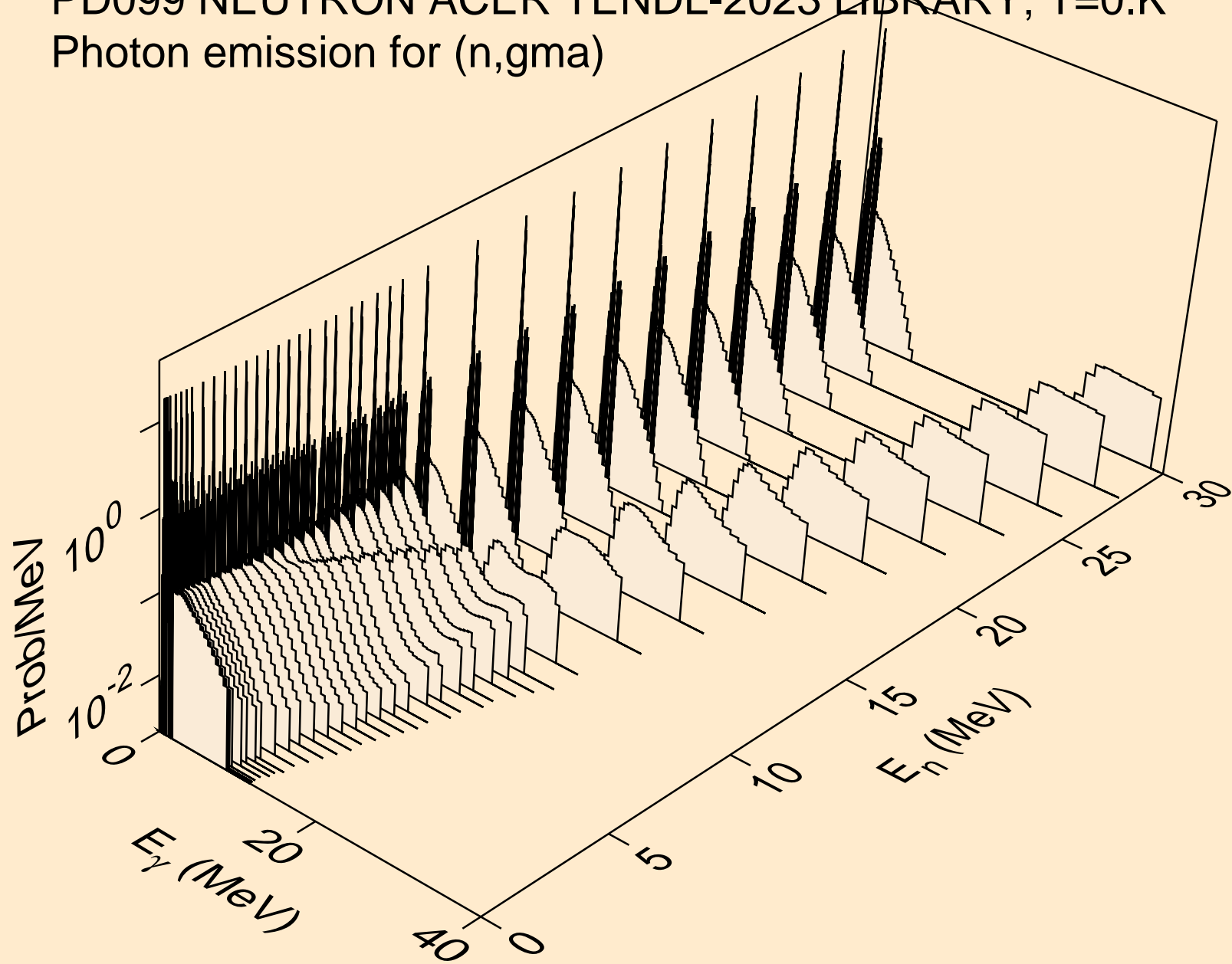
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

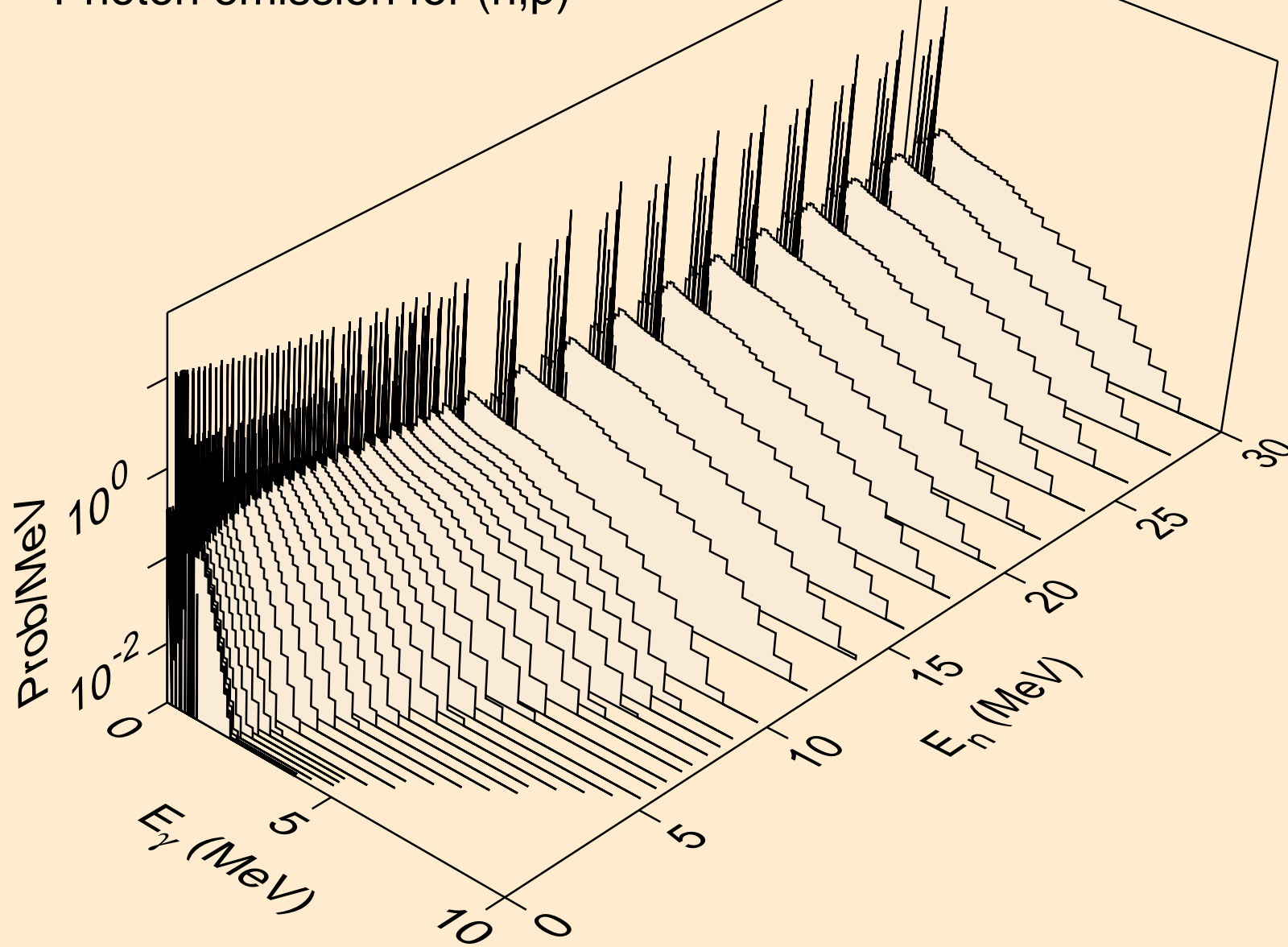


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

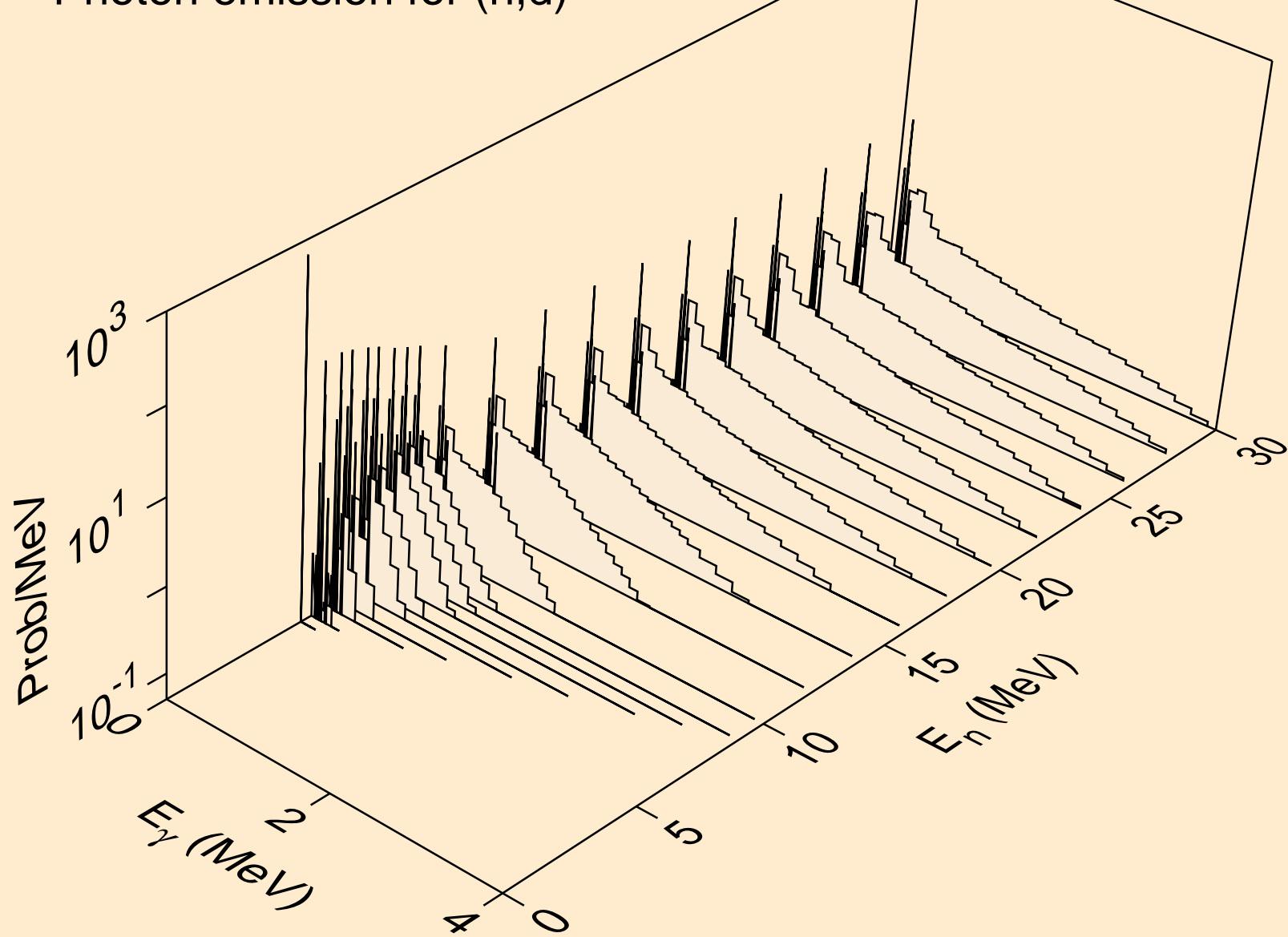




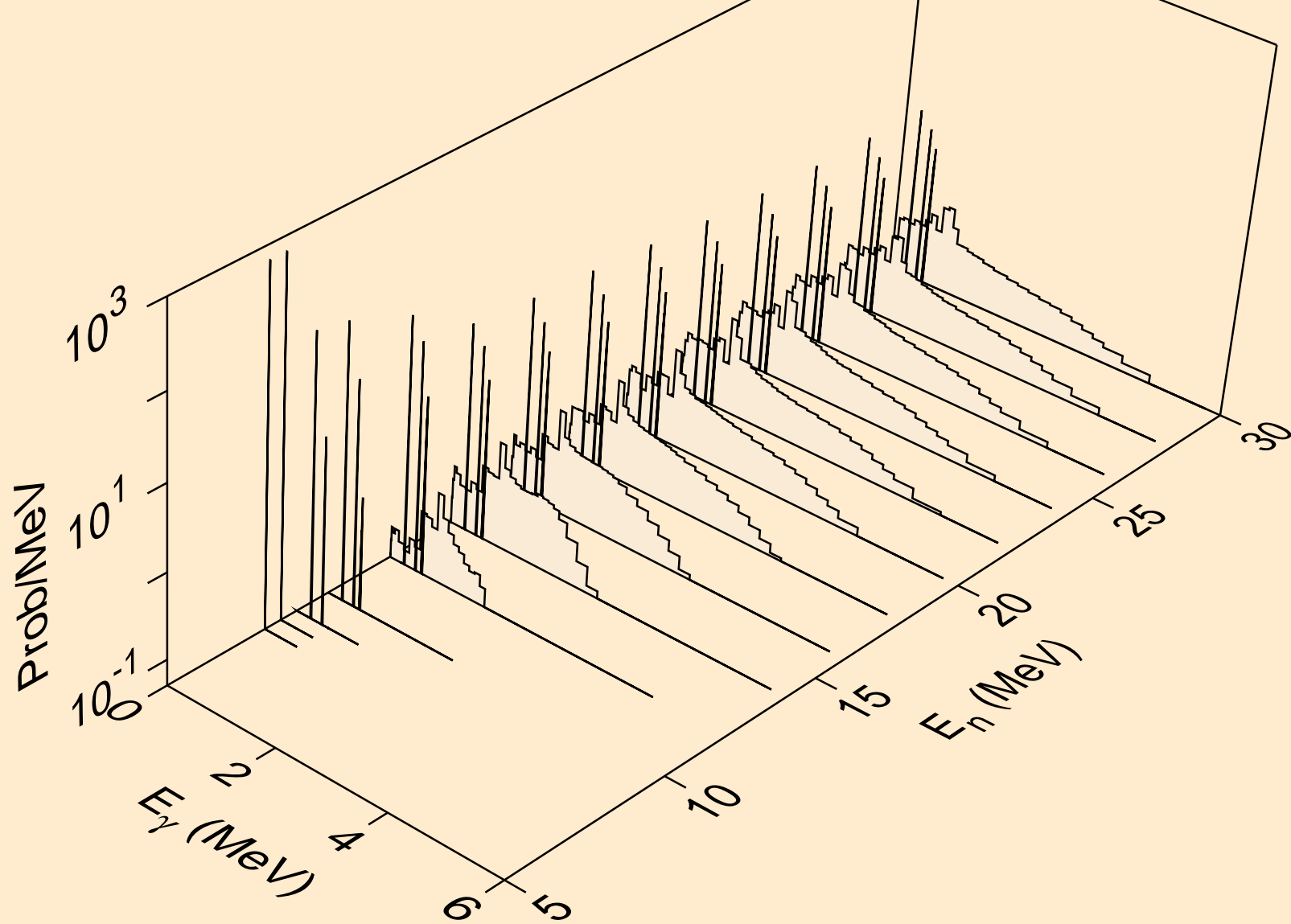
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



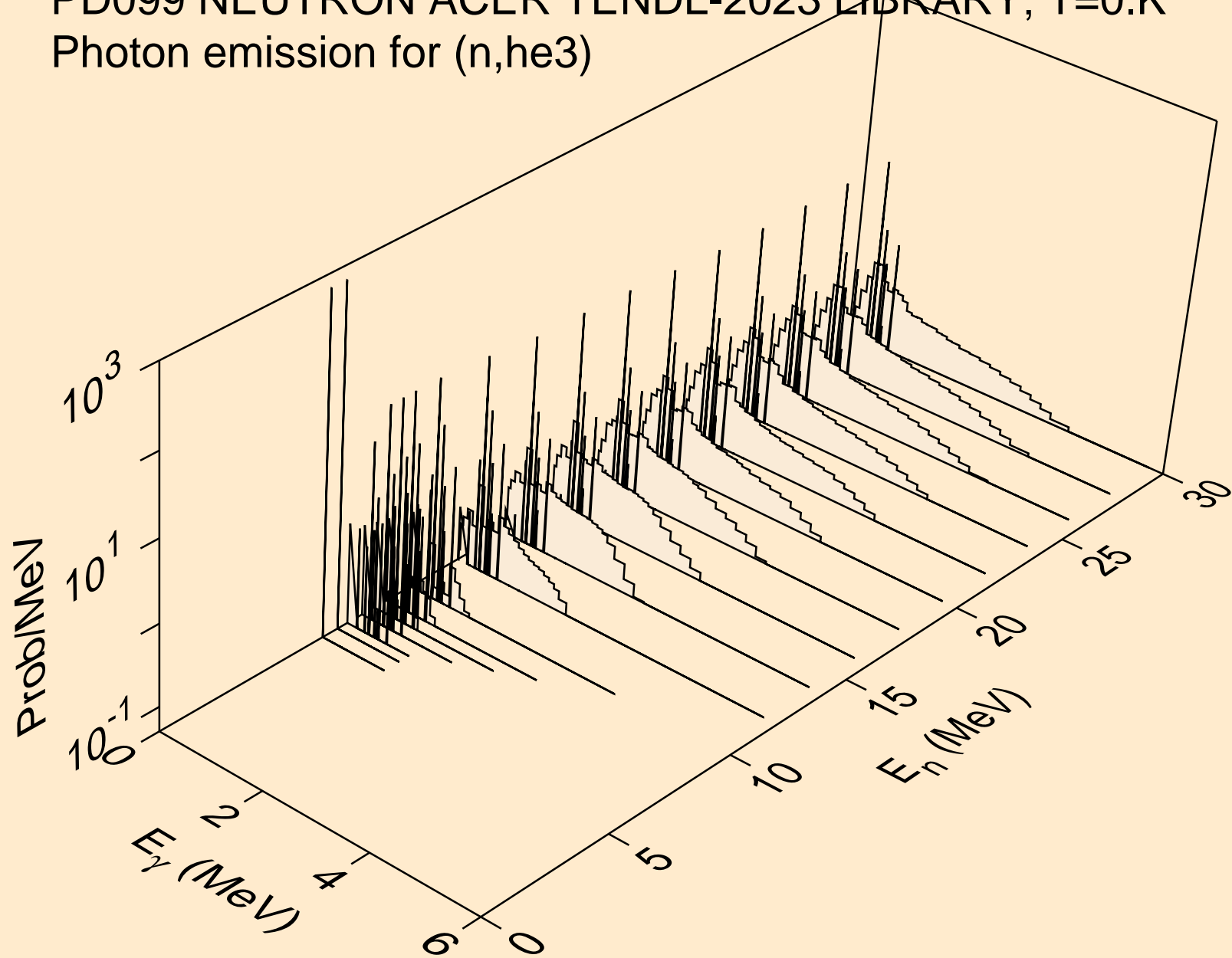
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



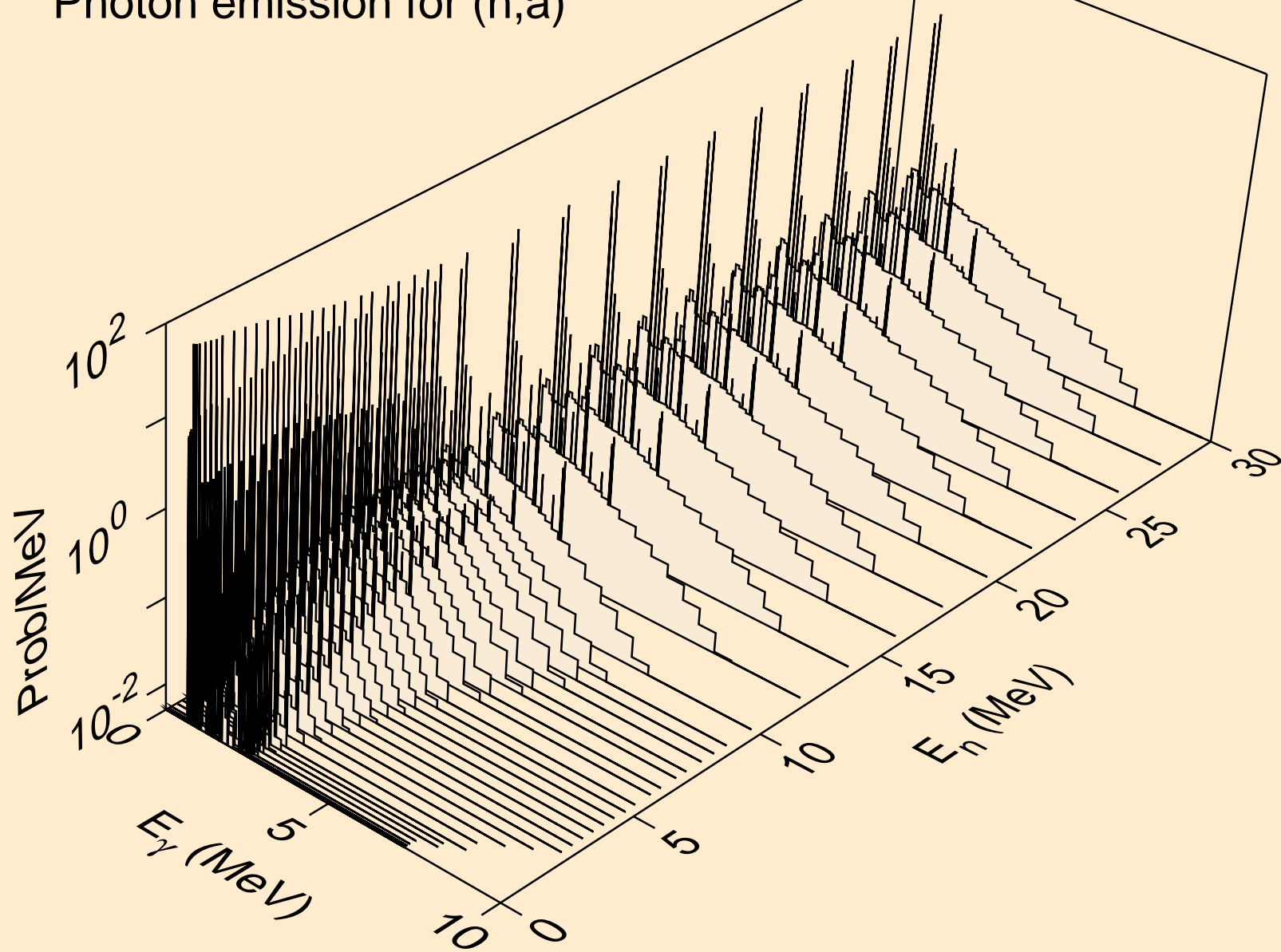
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



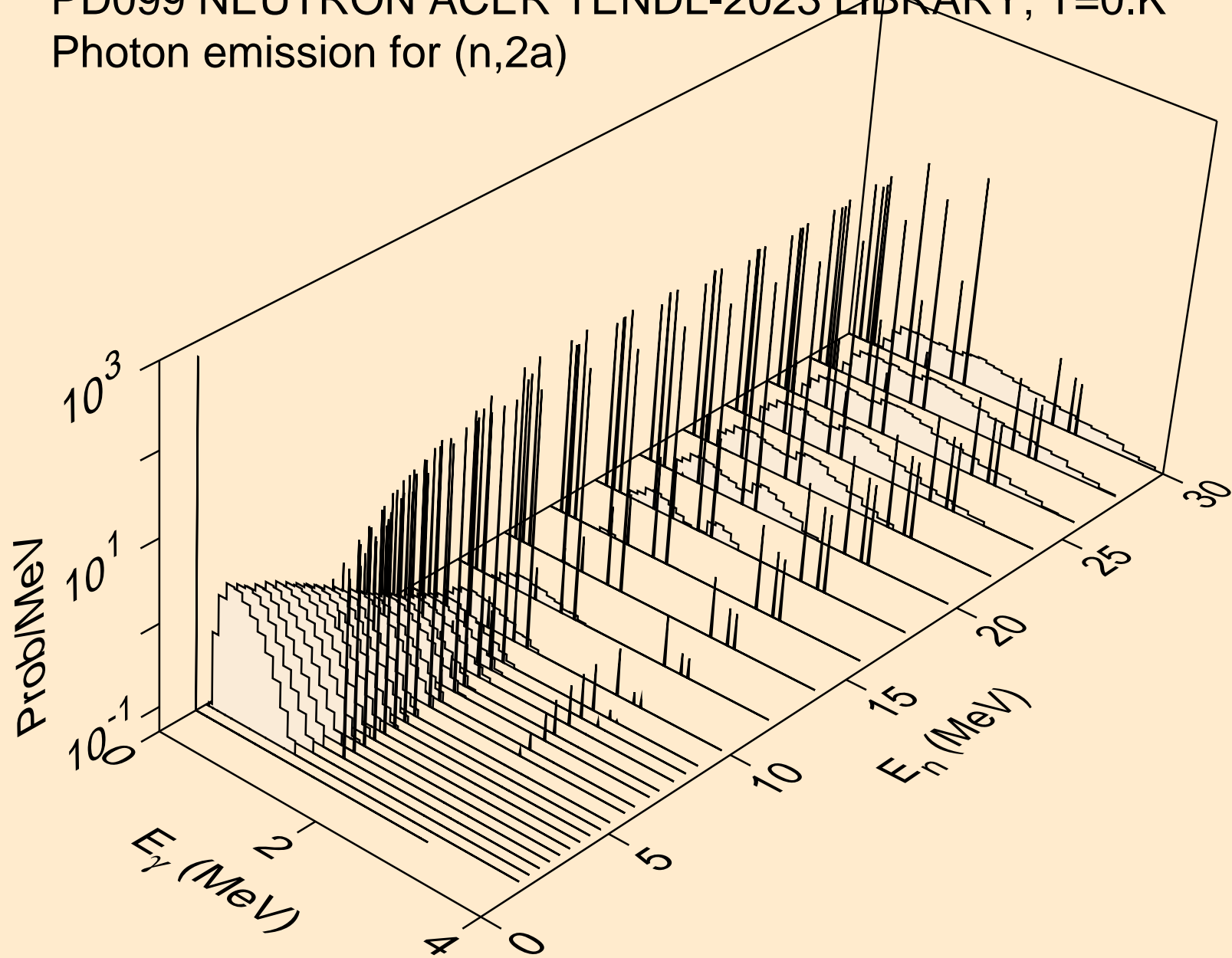
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



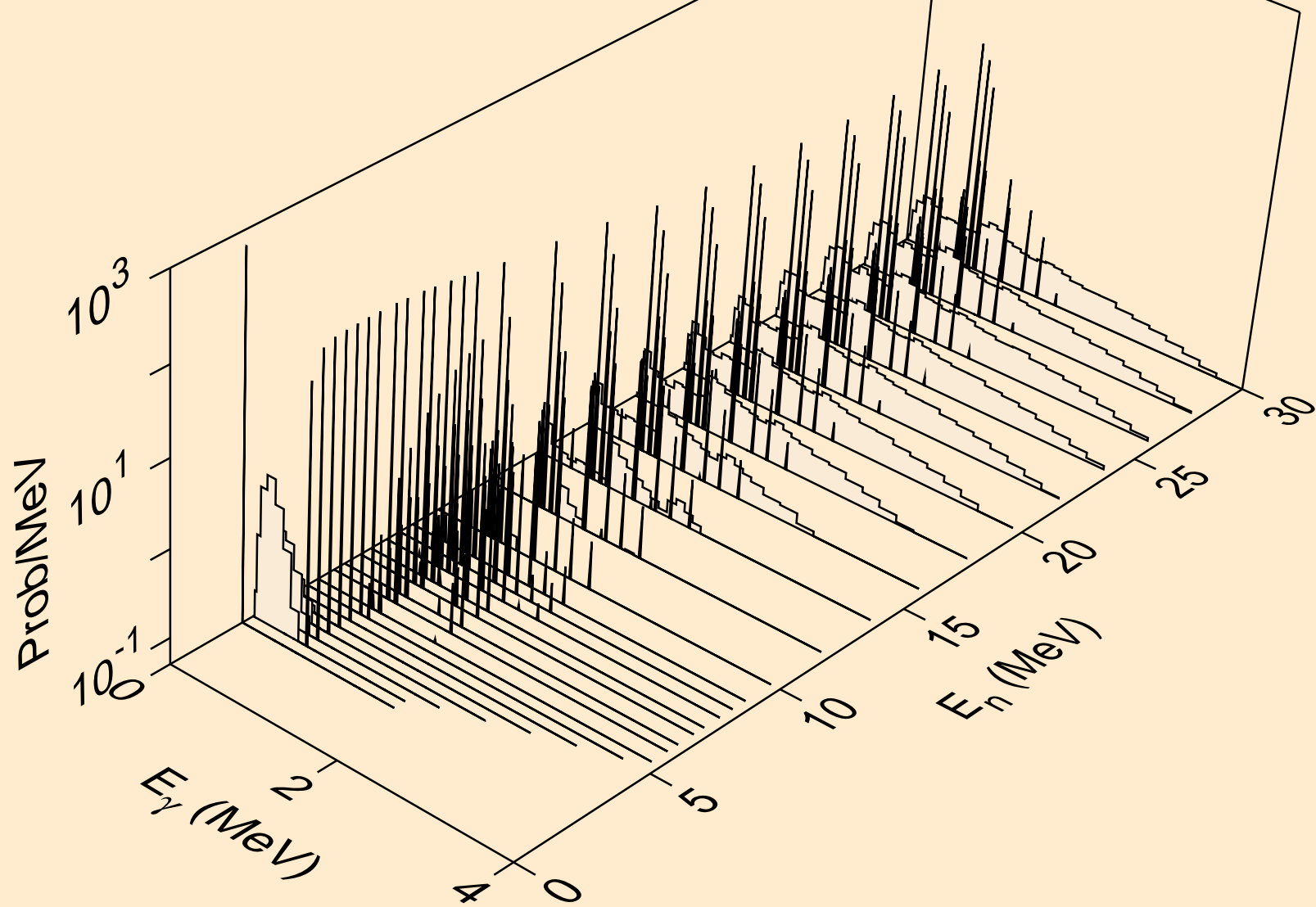
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



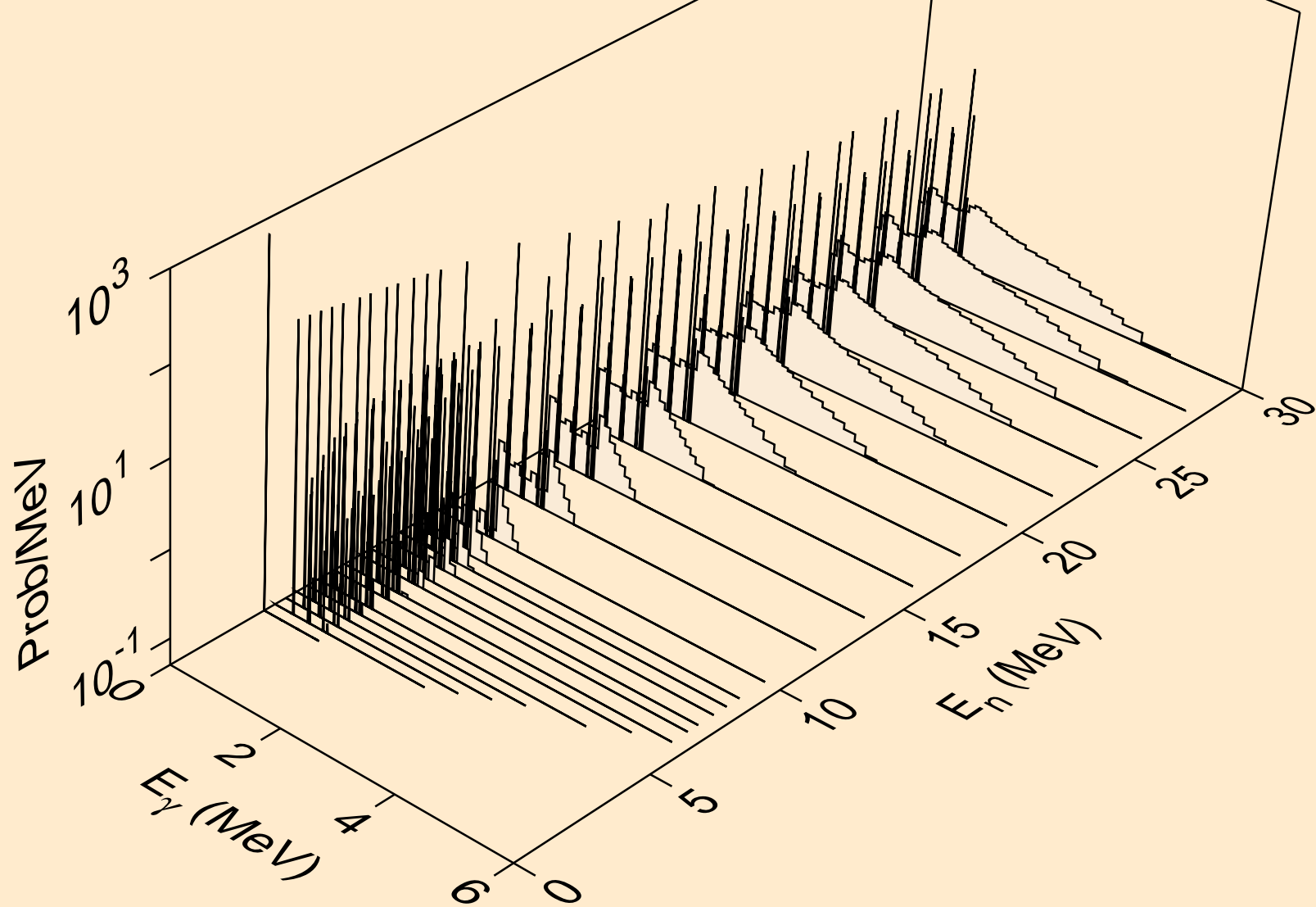
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

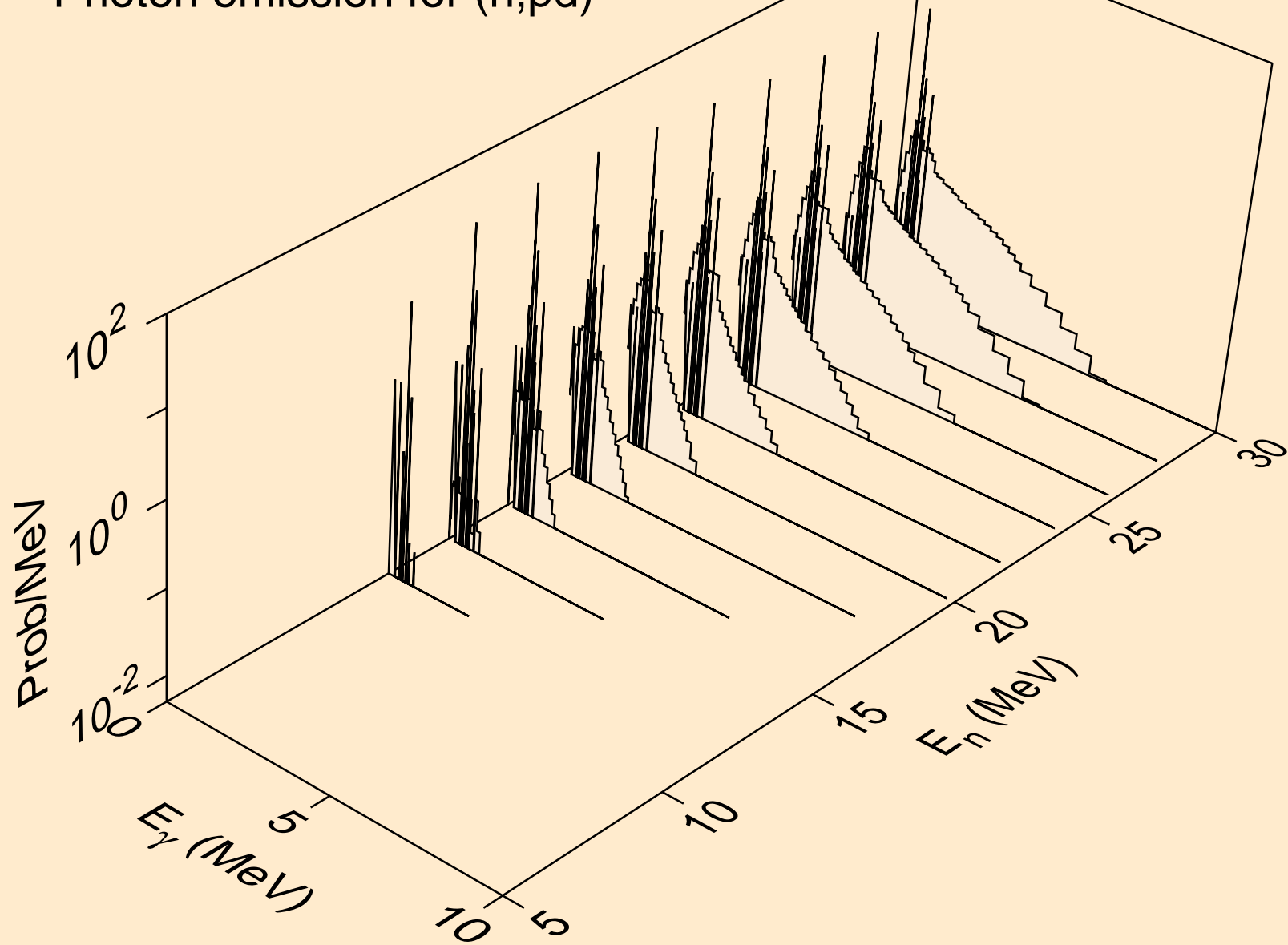


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

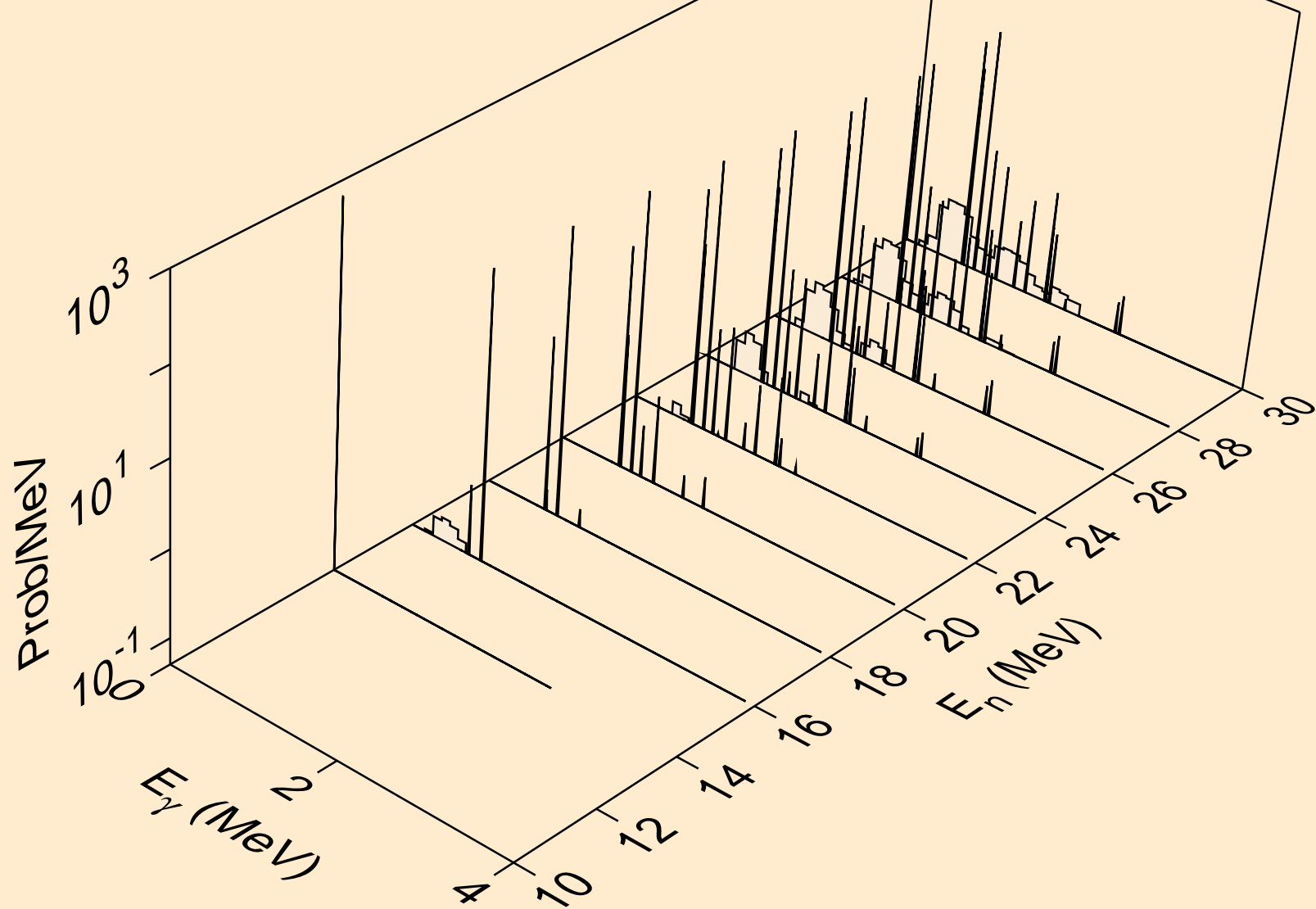




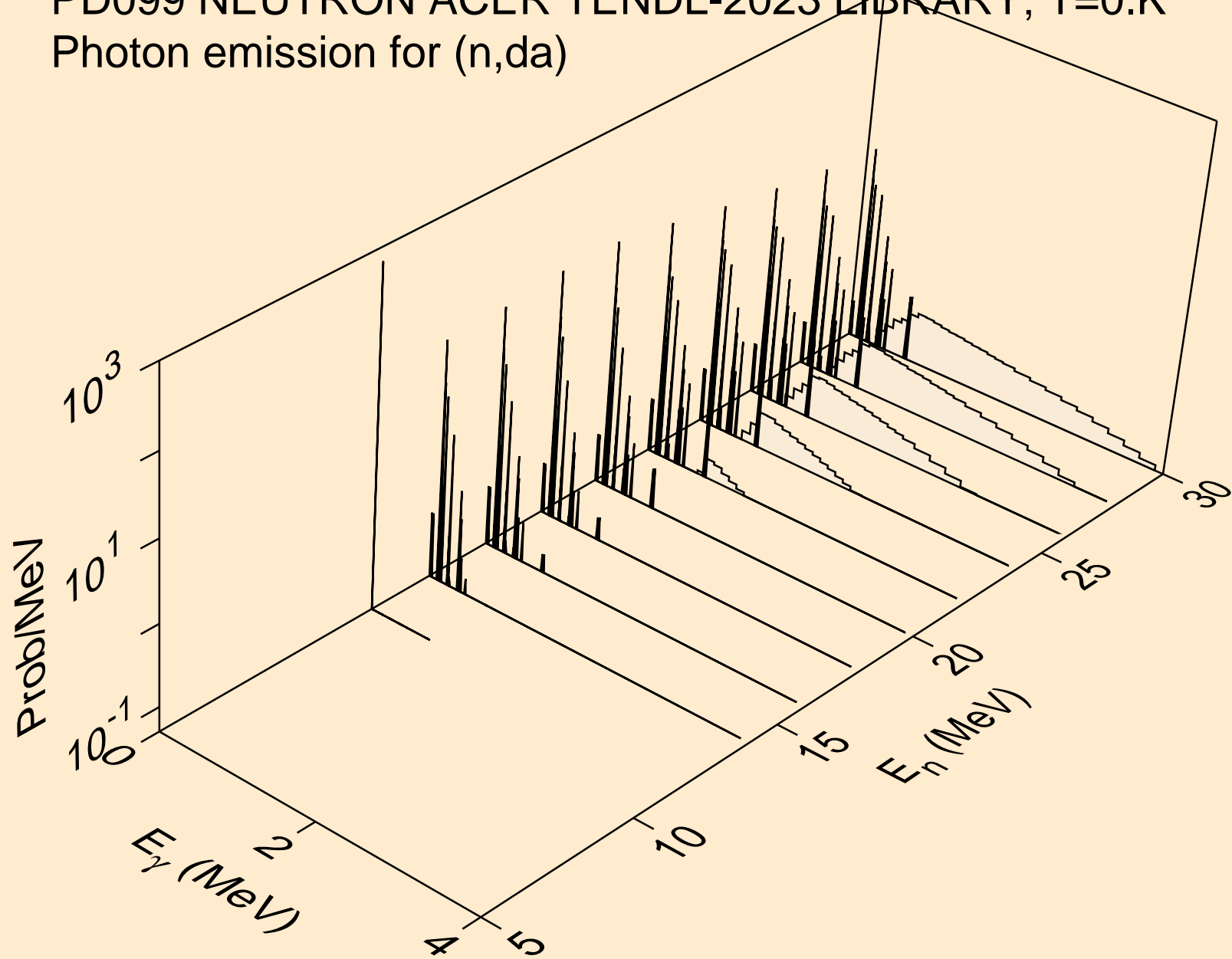
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



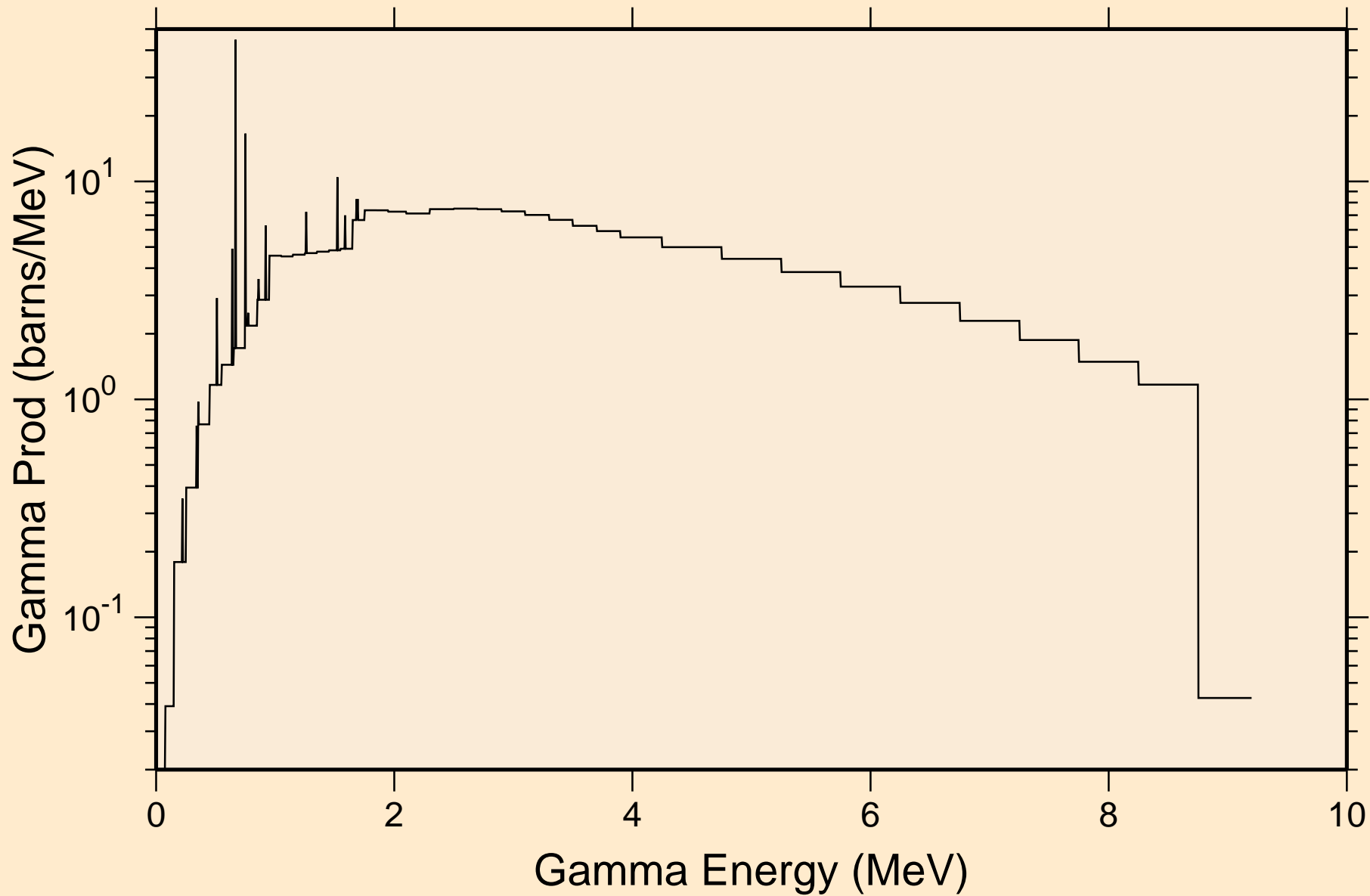
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



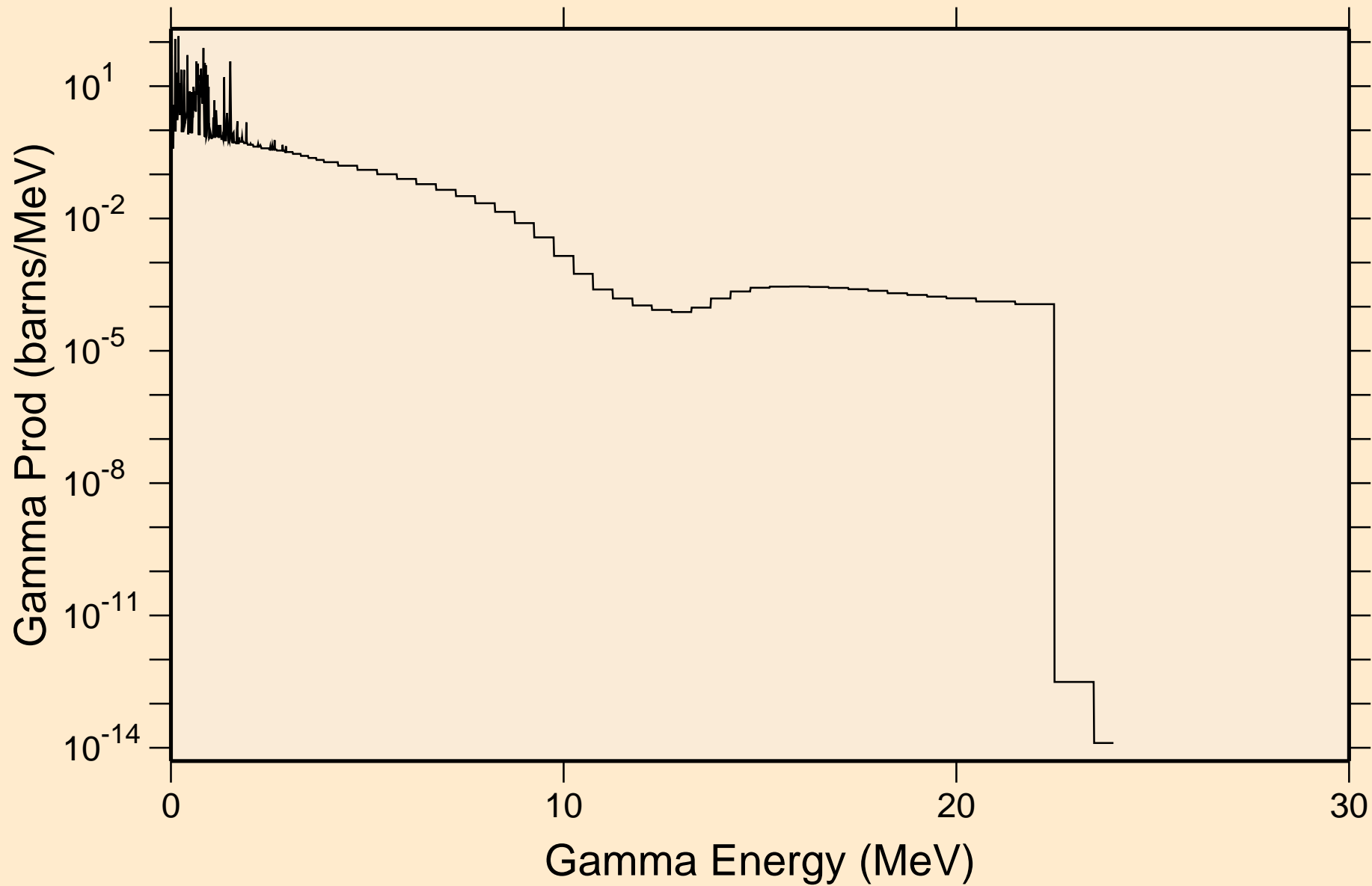
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

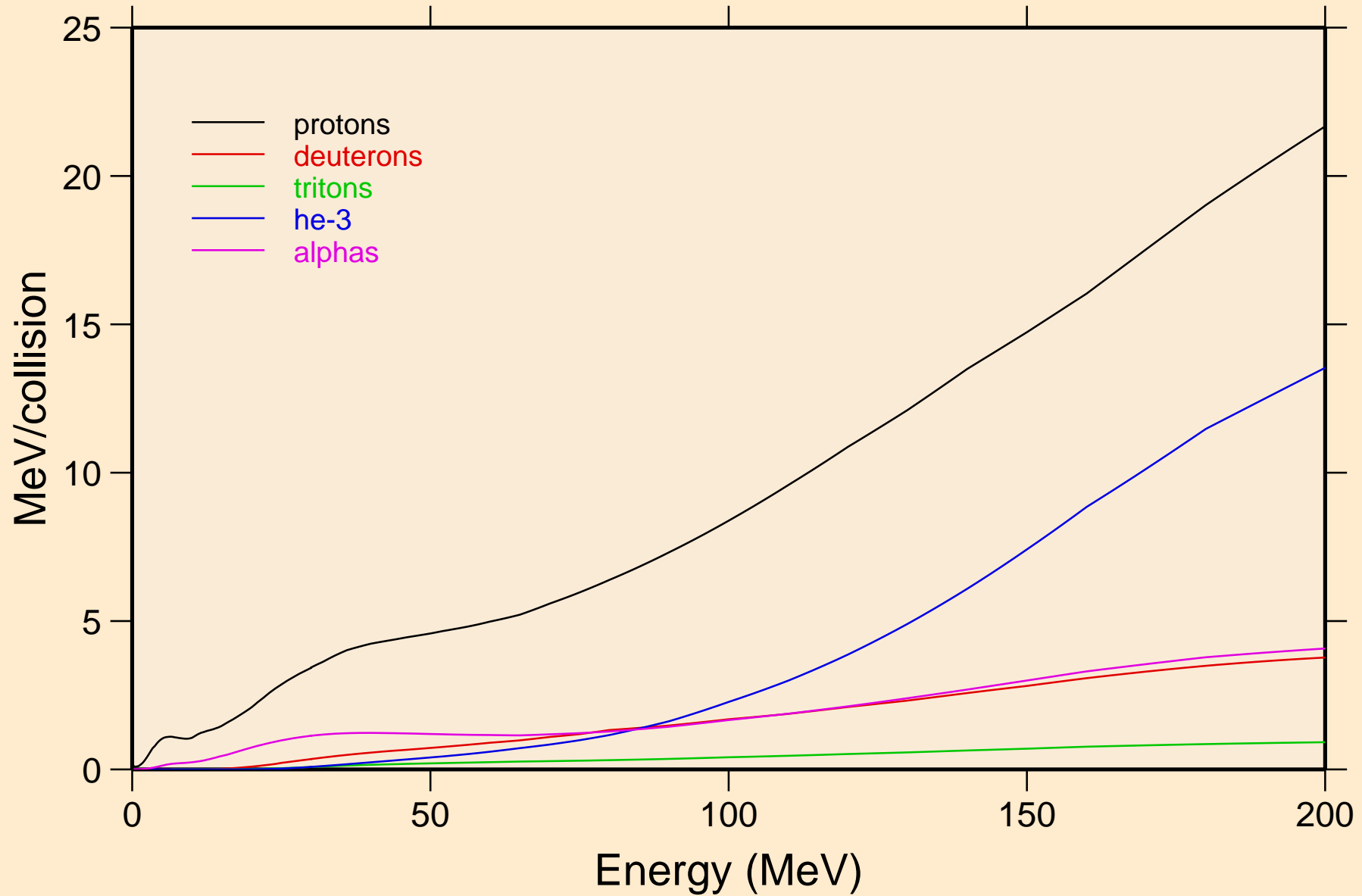


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

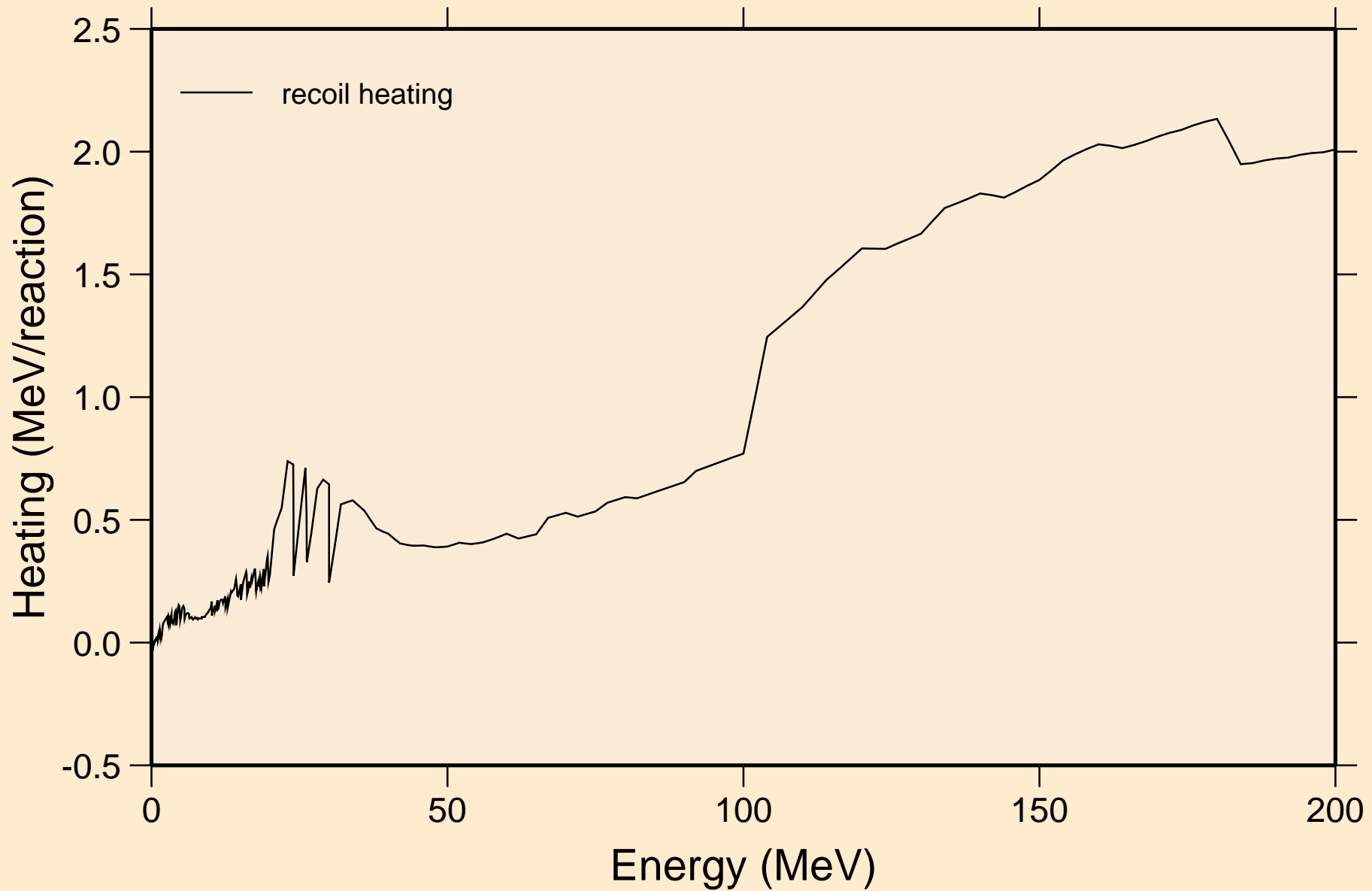


# PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

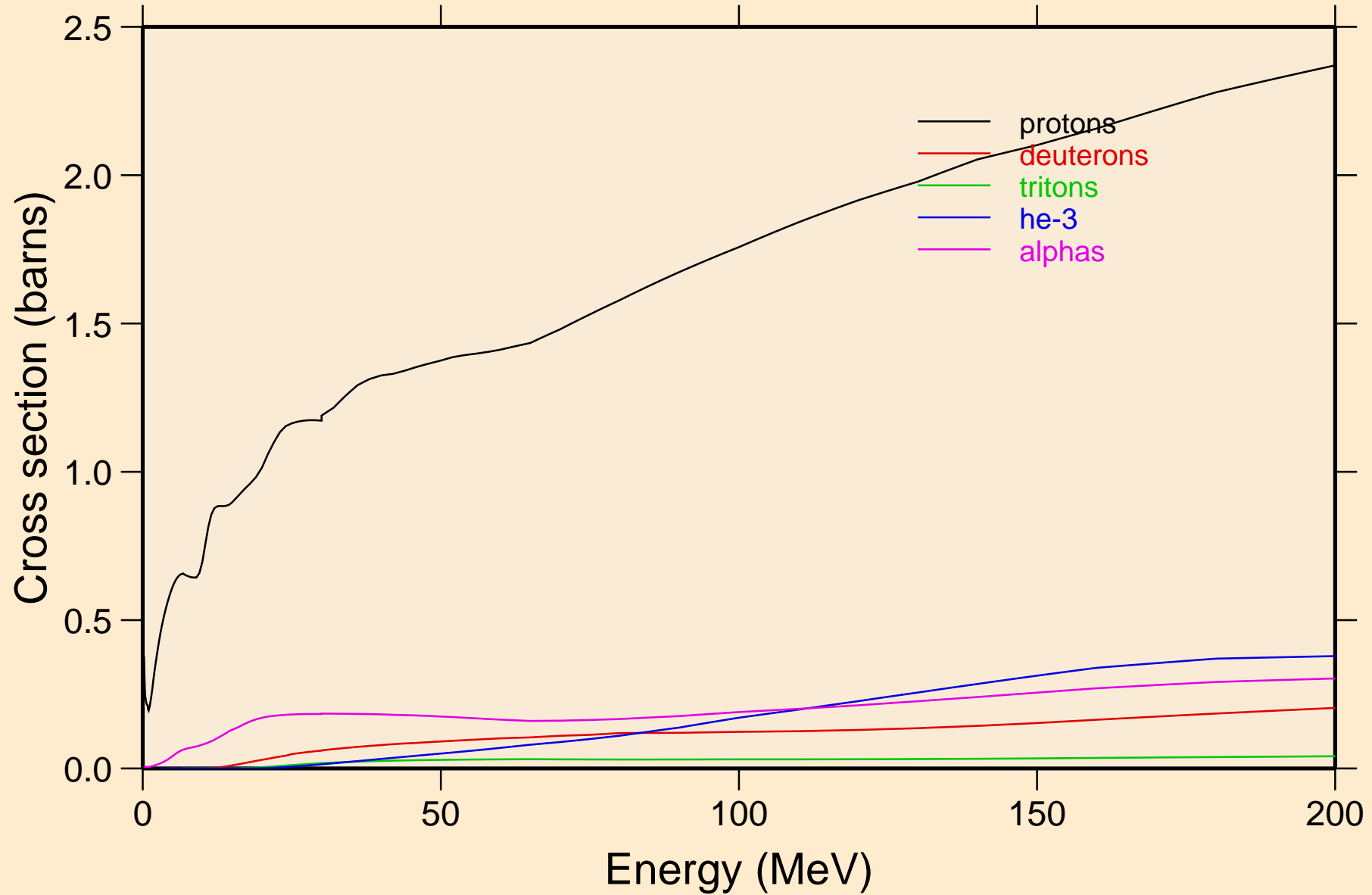
## Particle heating contributions



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

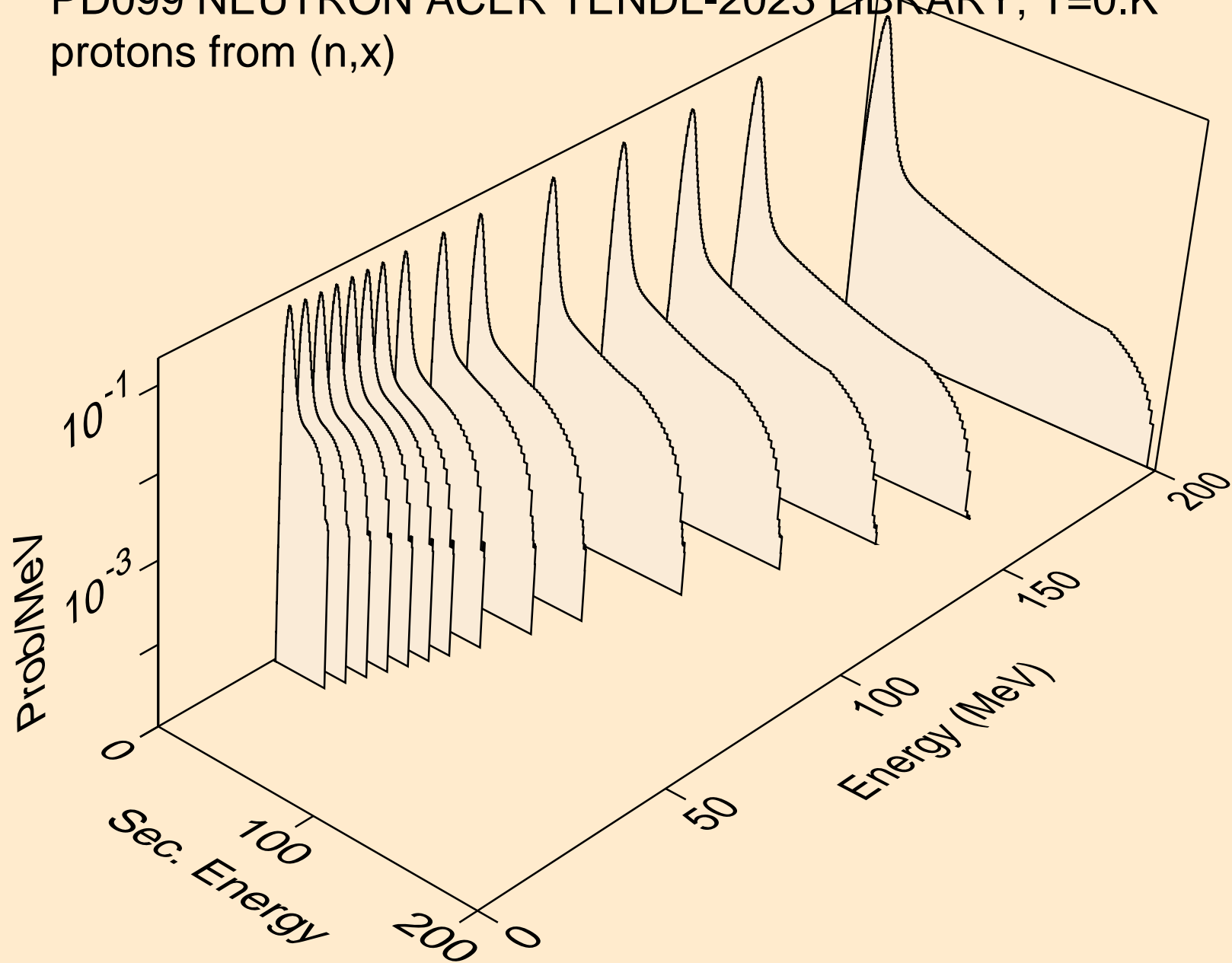


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

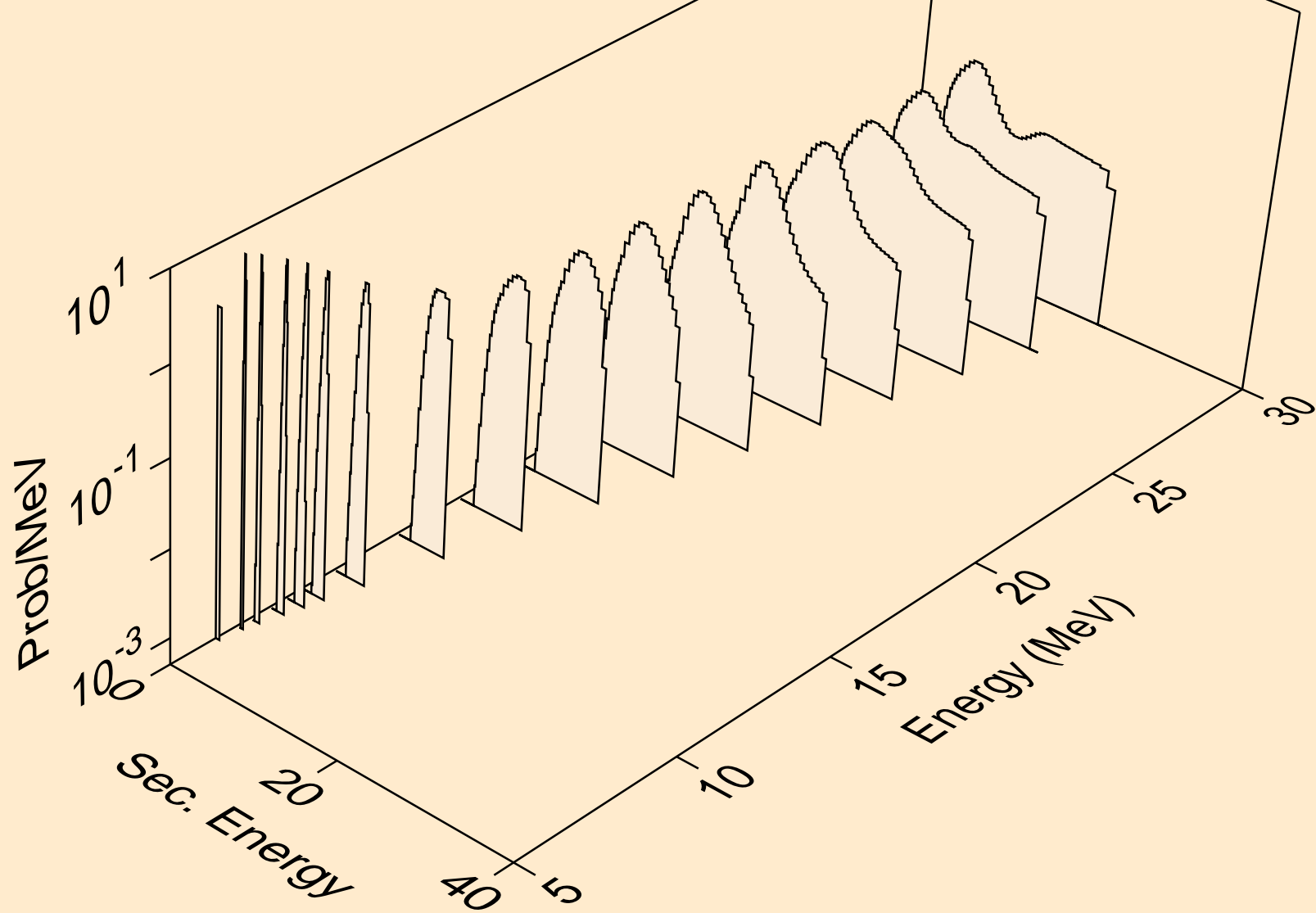




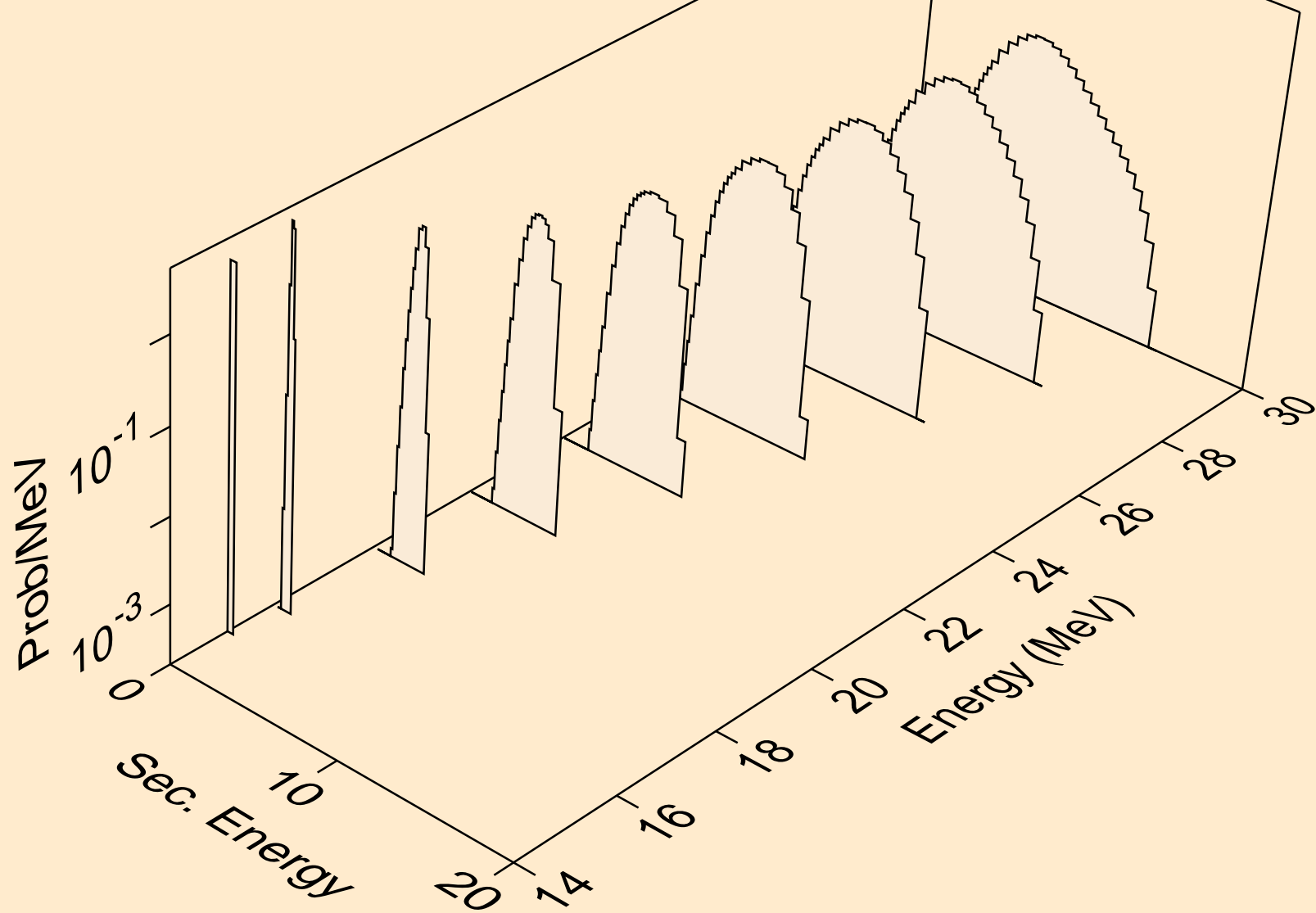
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



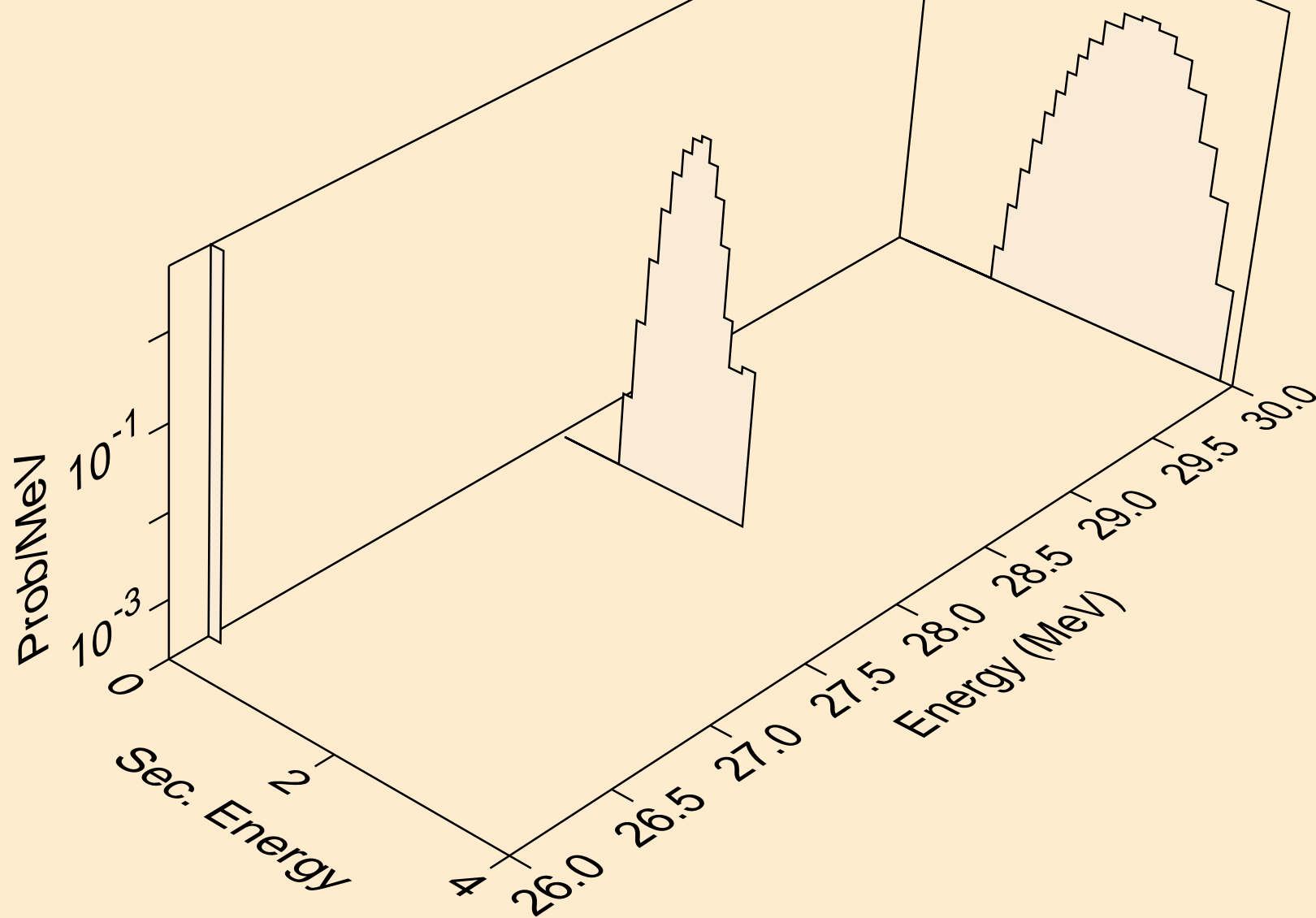
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



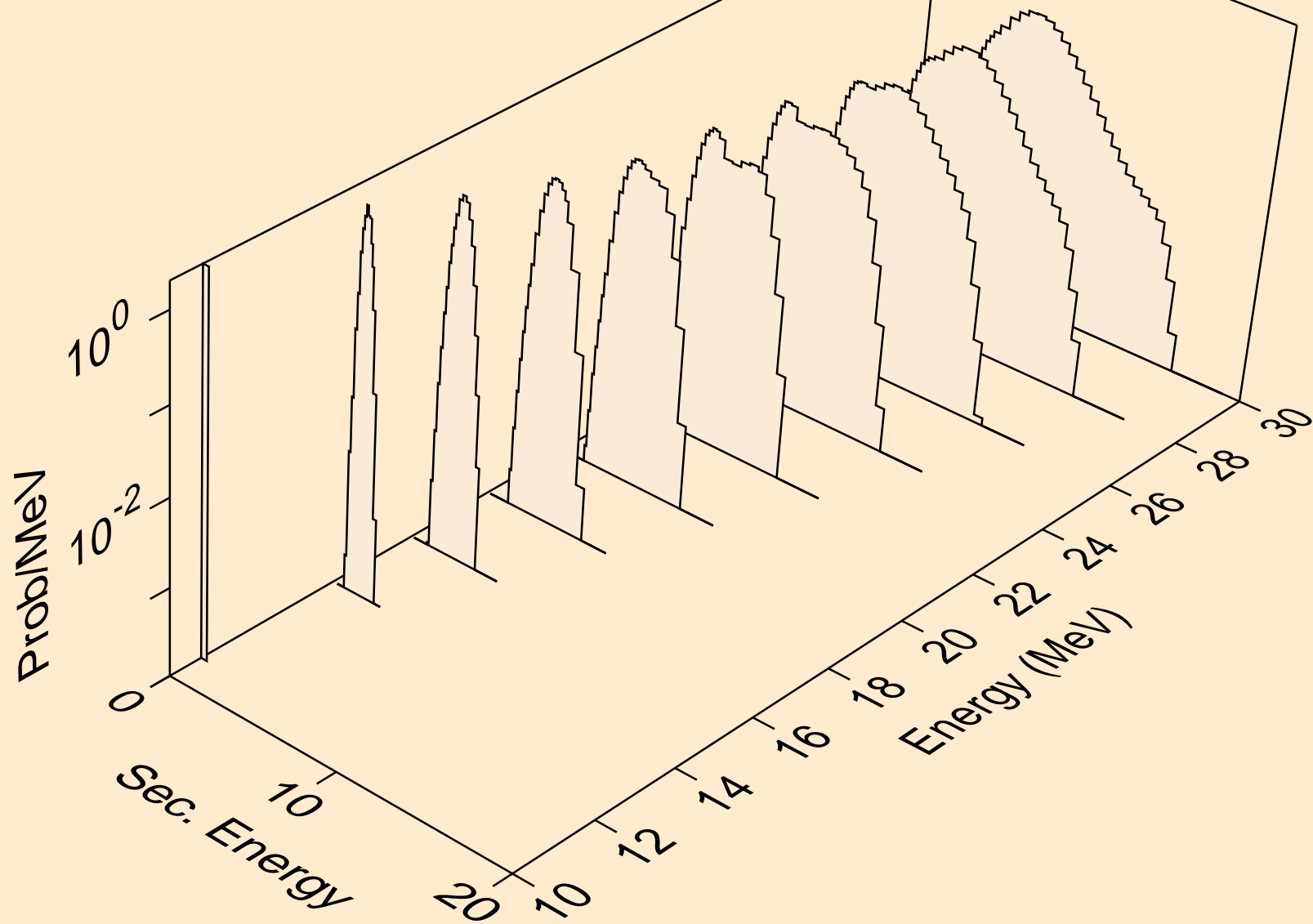
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



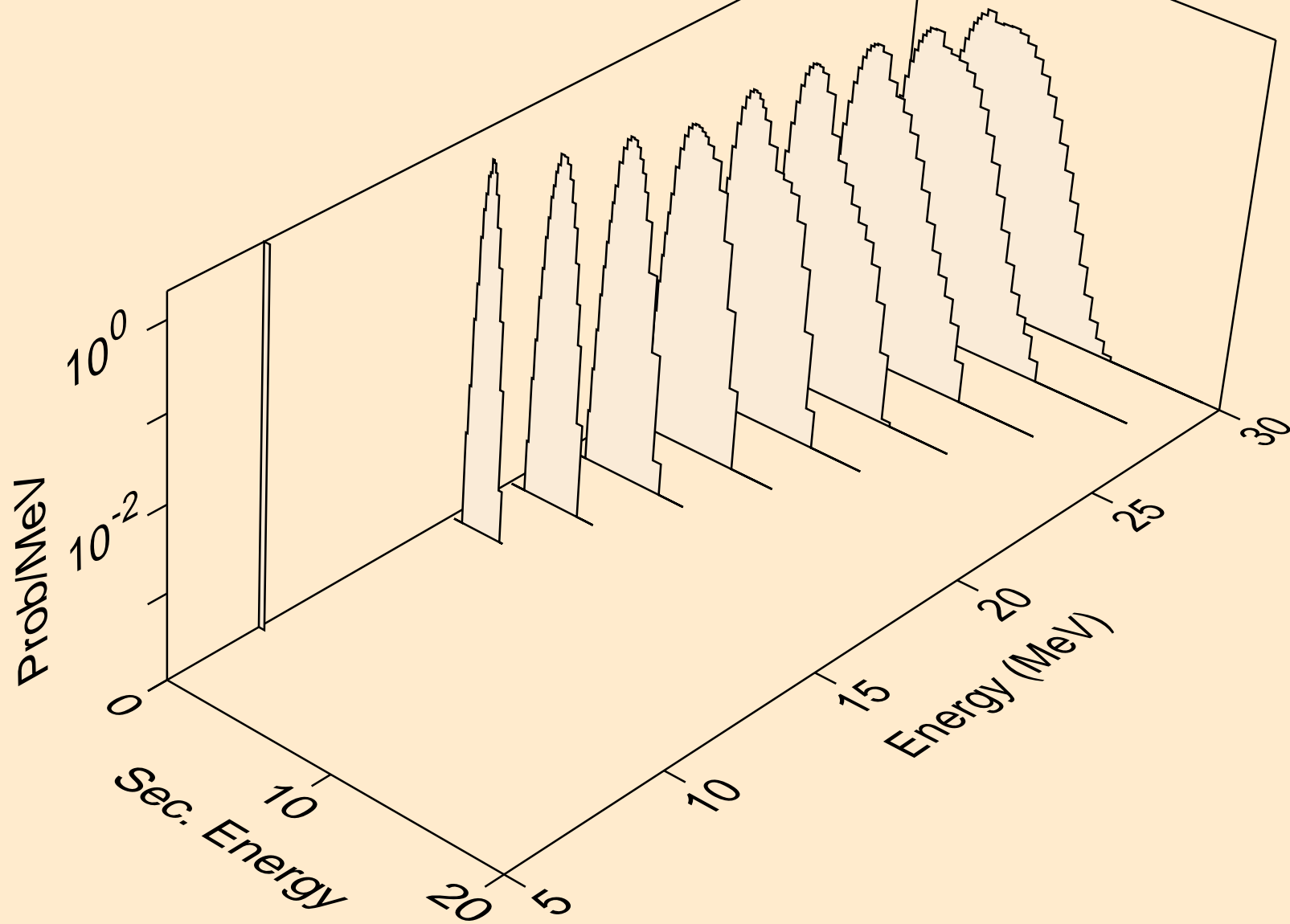
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



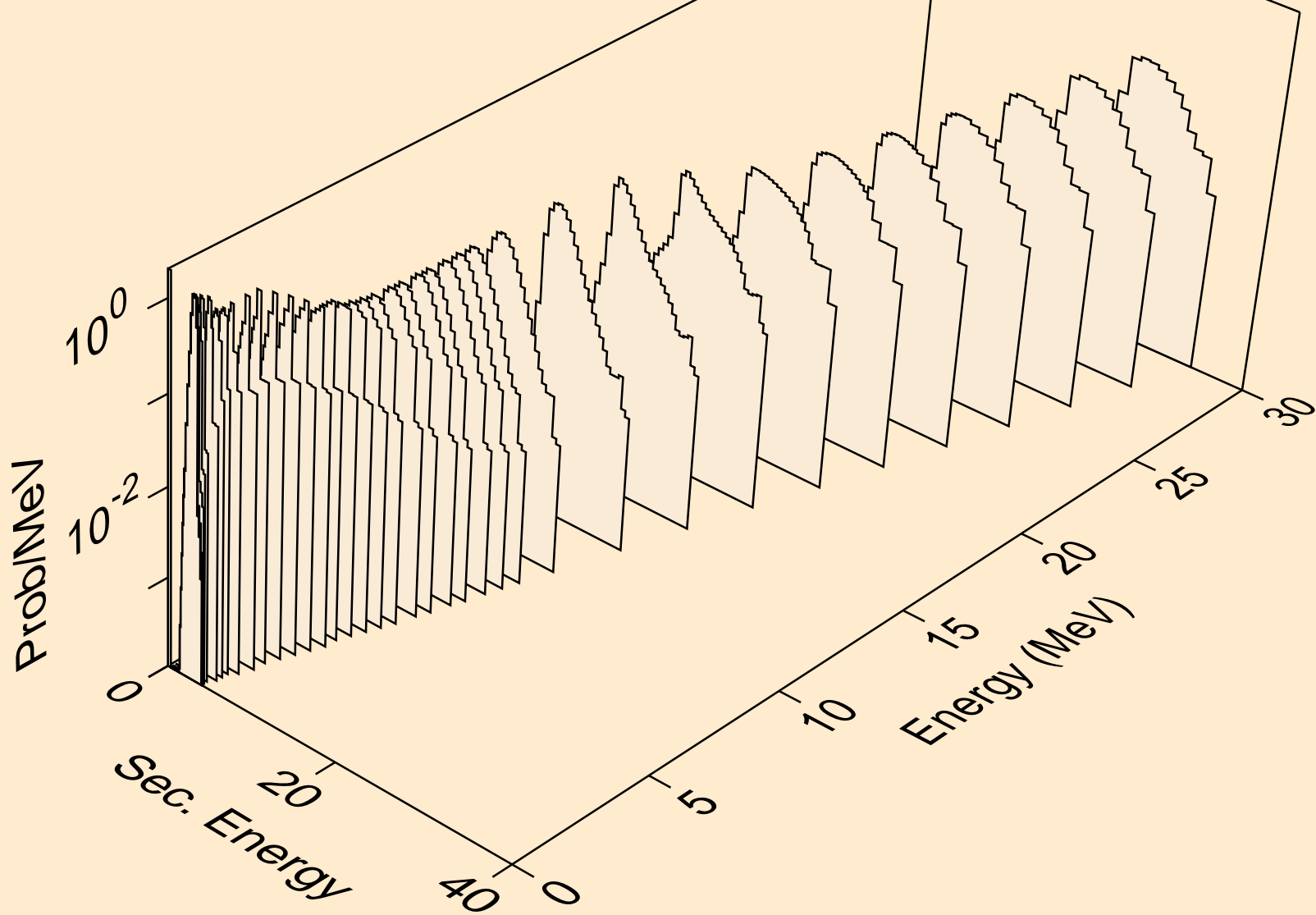
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



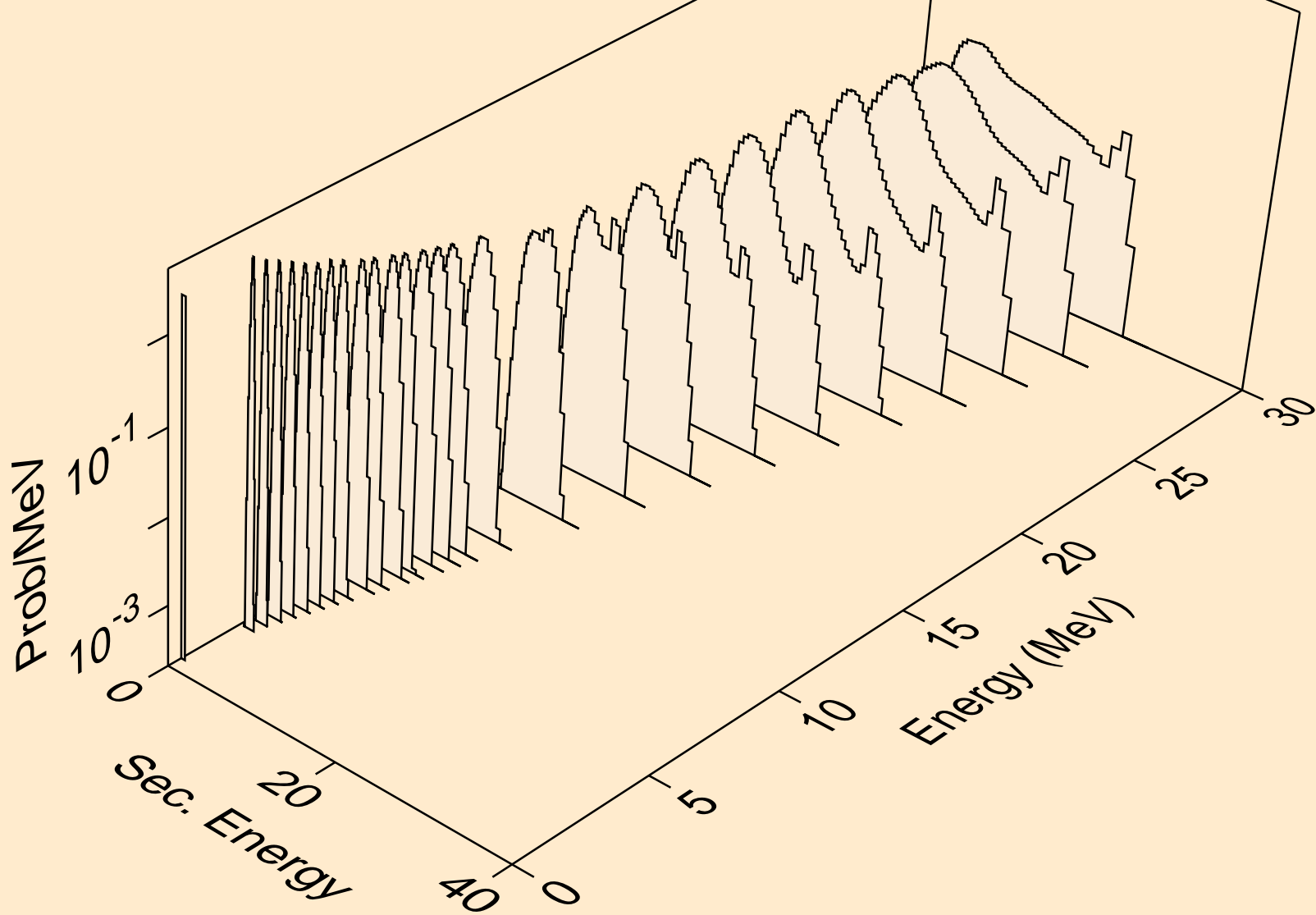
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

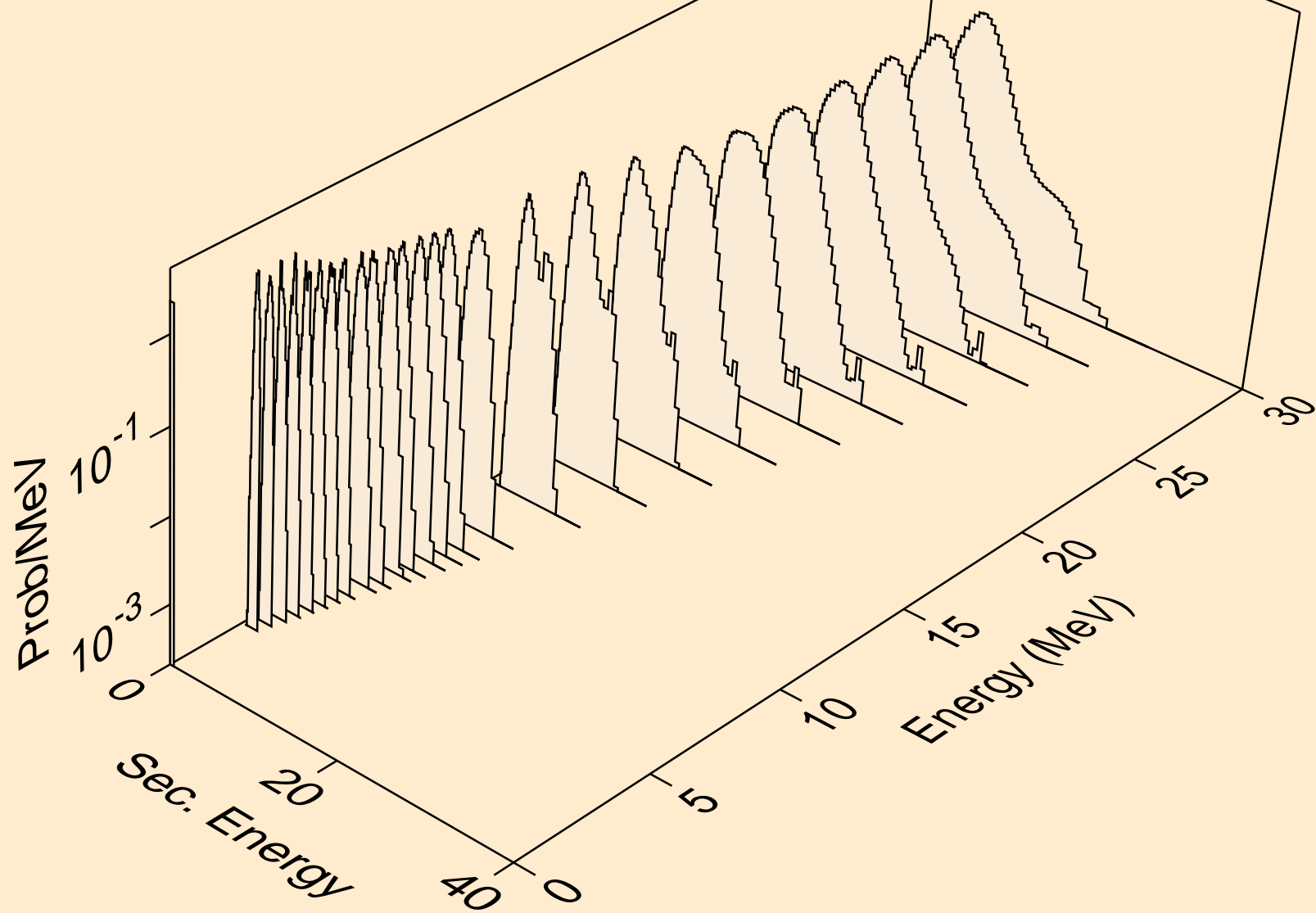


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

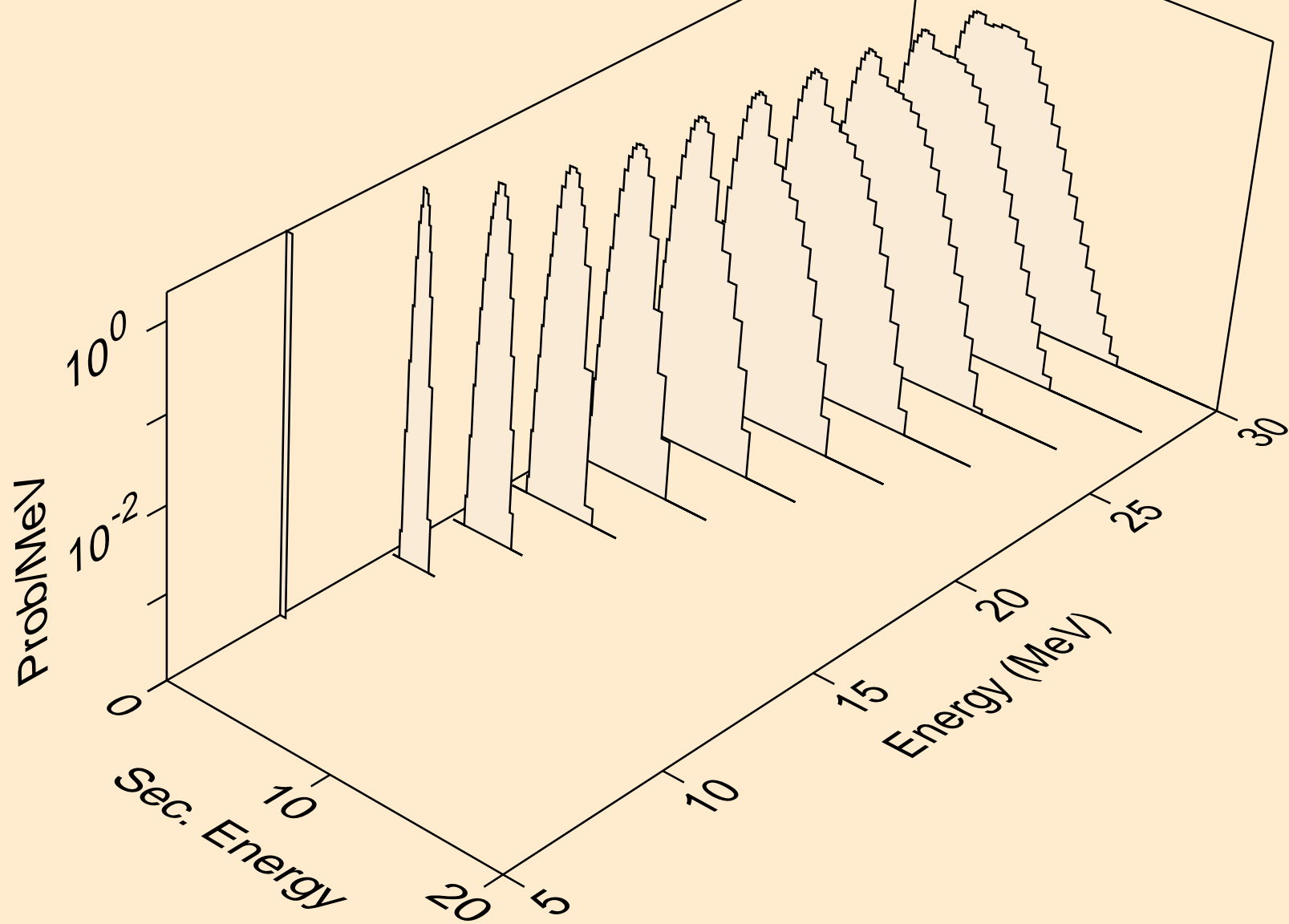




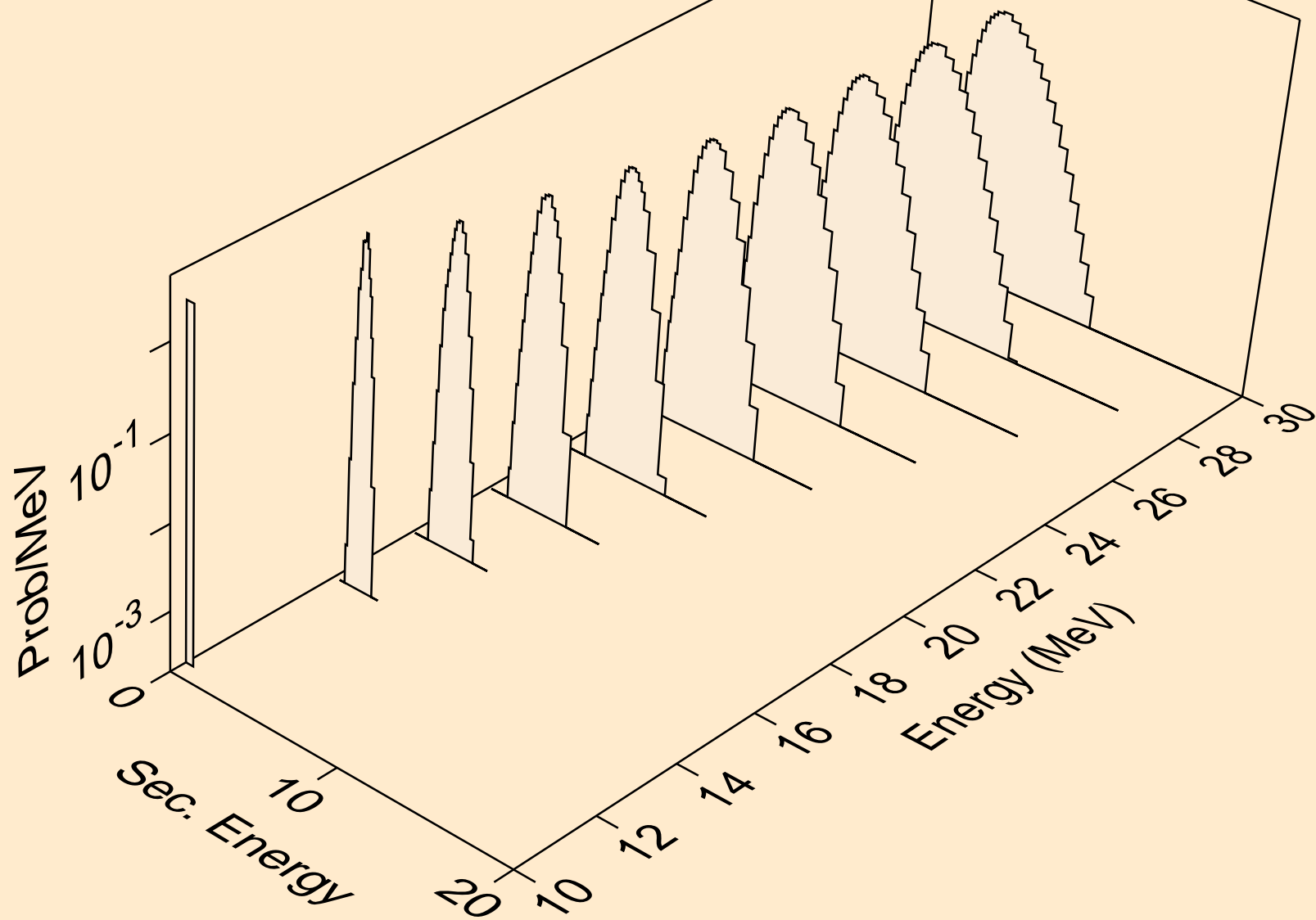
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protons from (n,p)



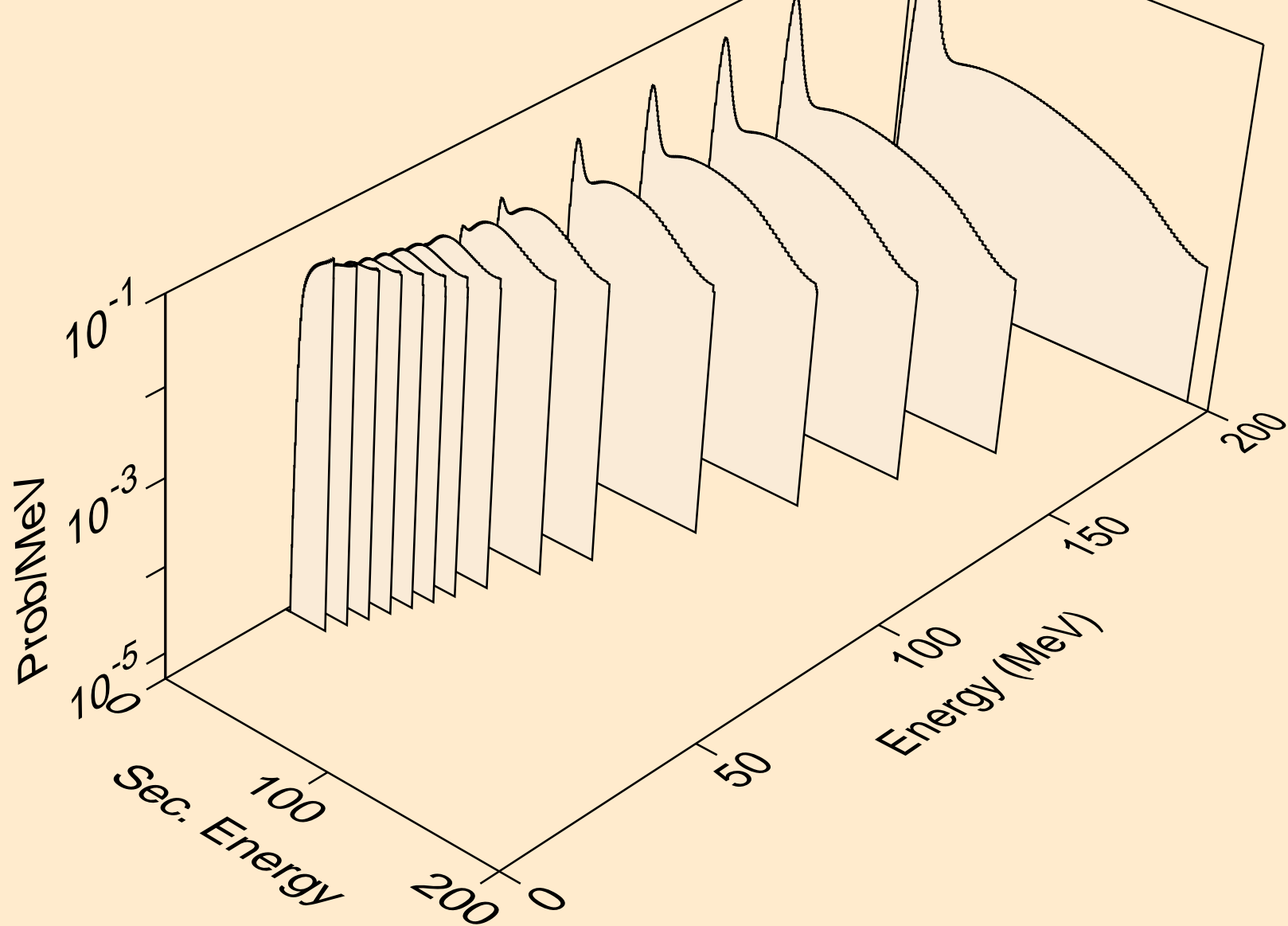
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



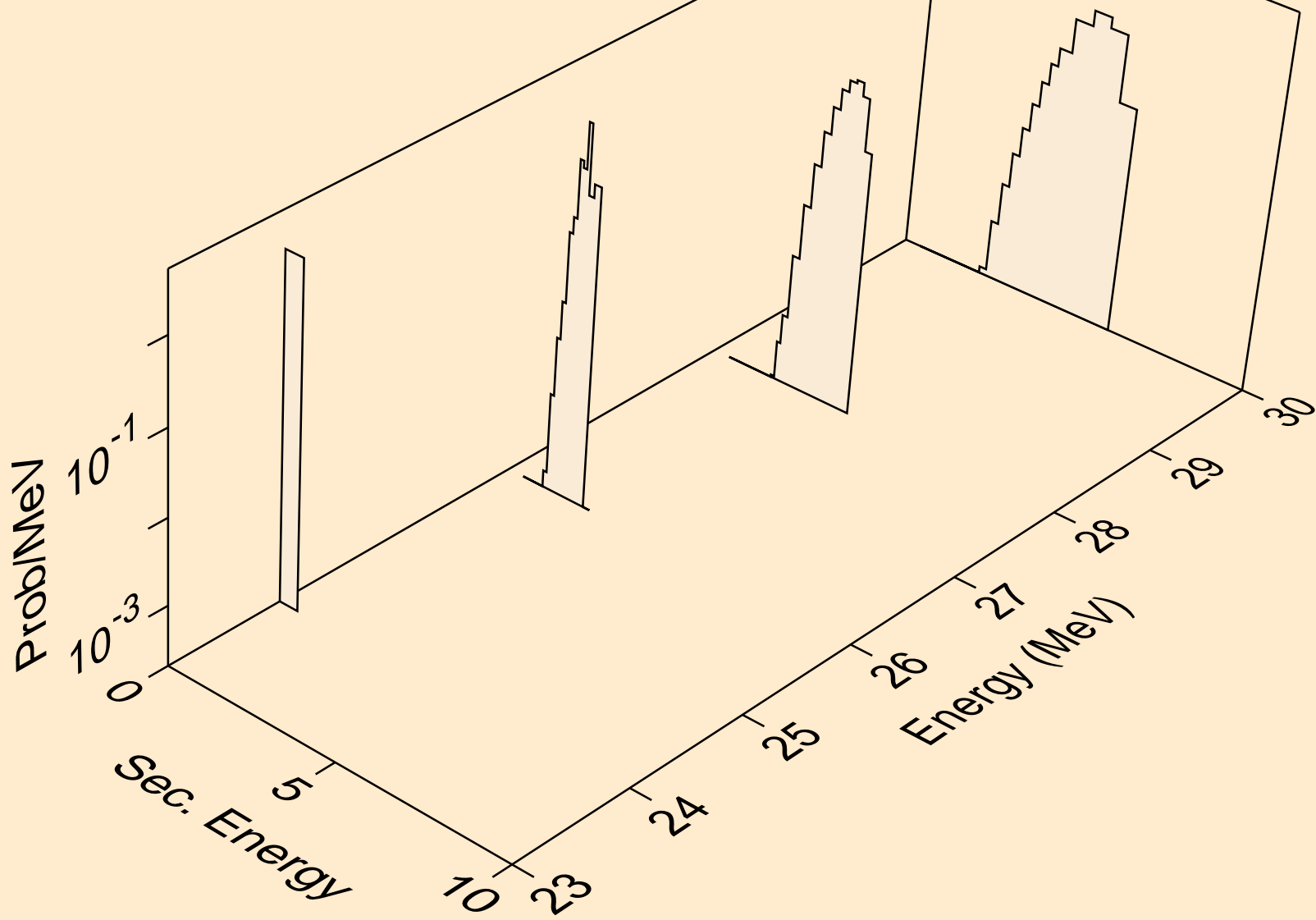
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



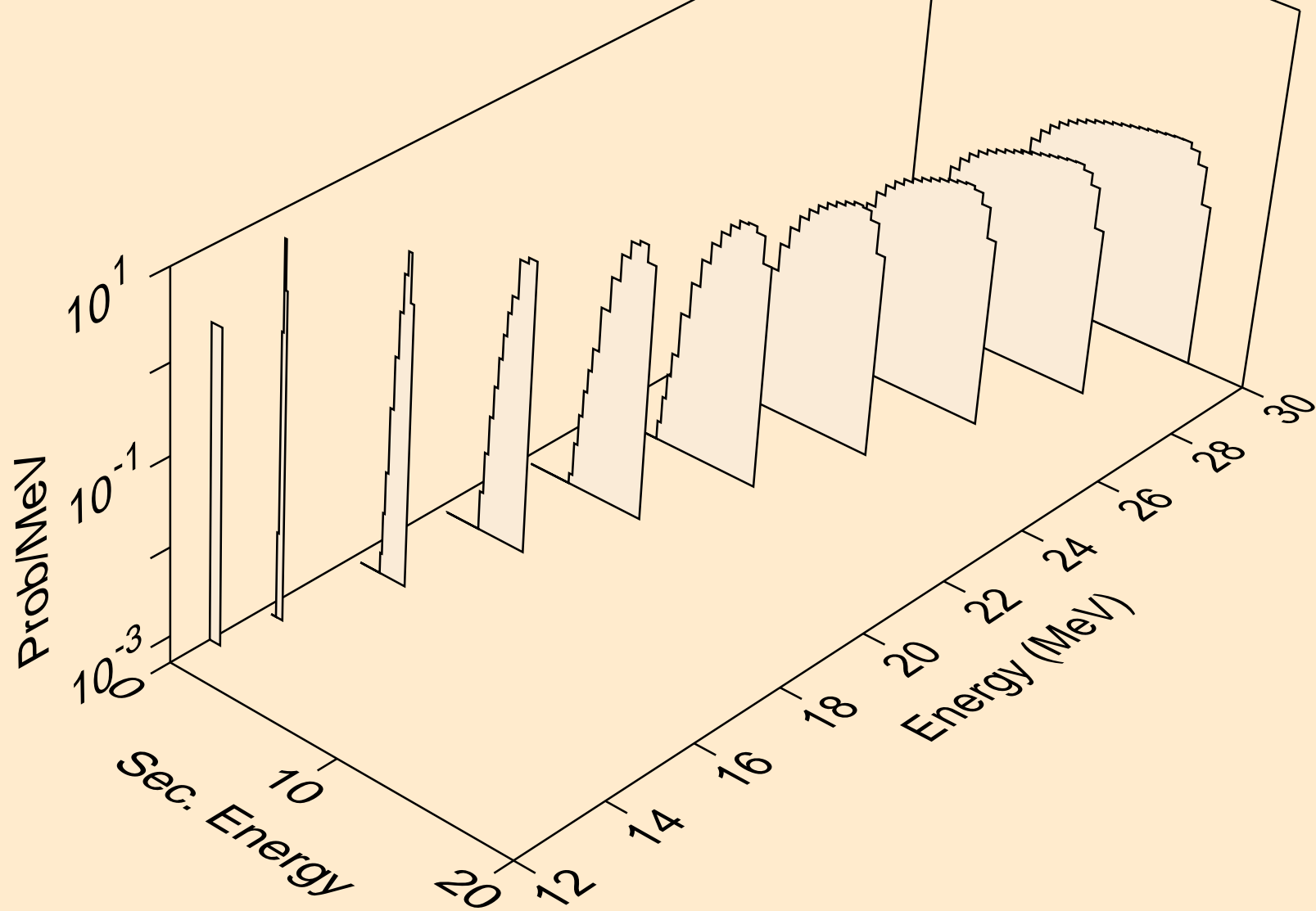
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



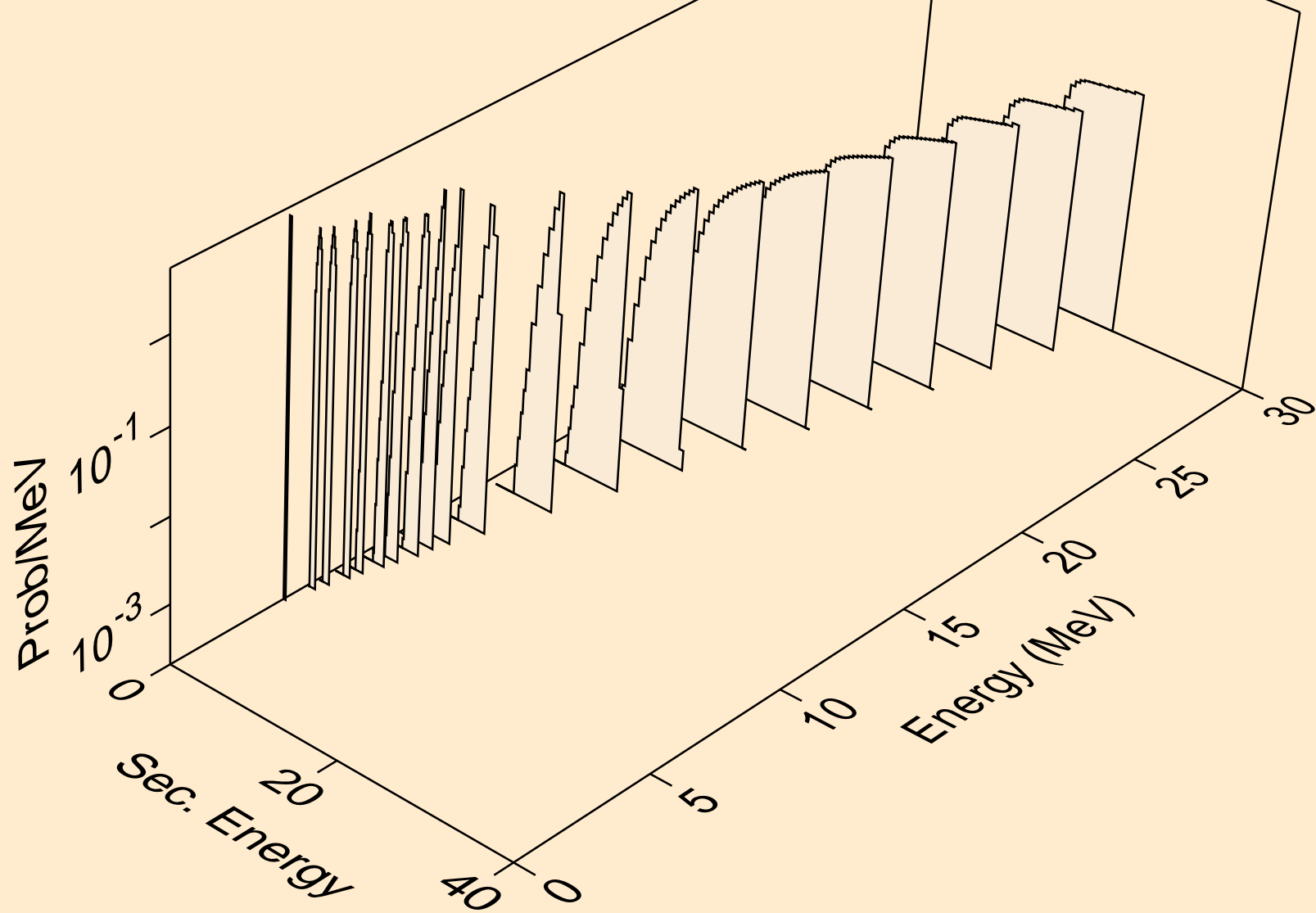
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



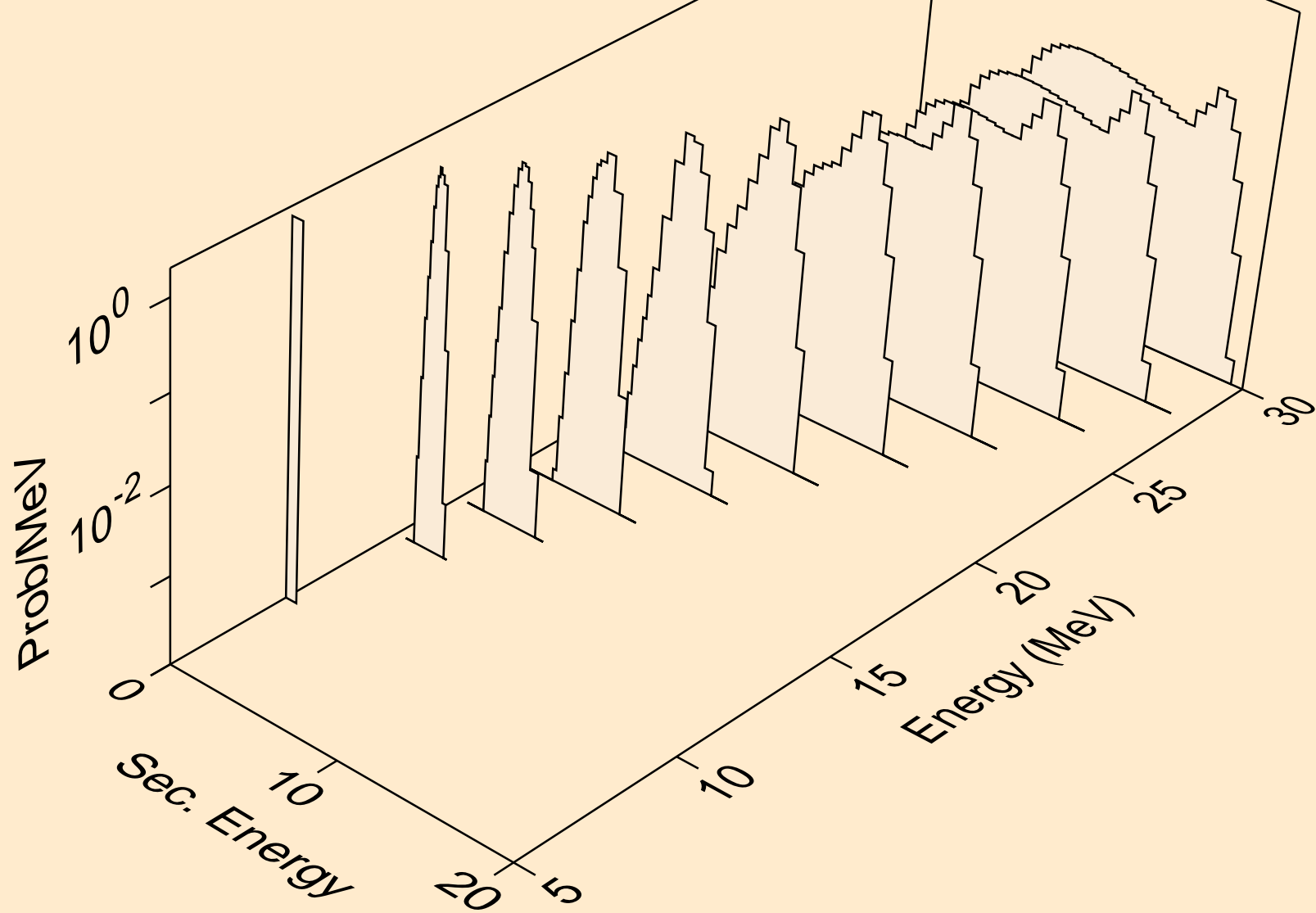
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

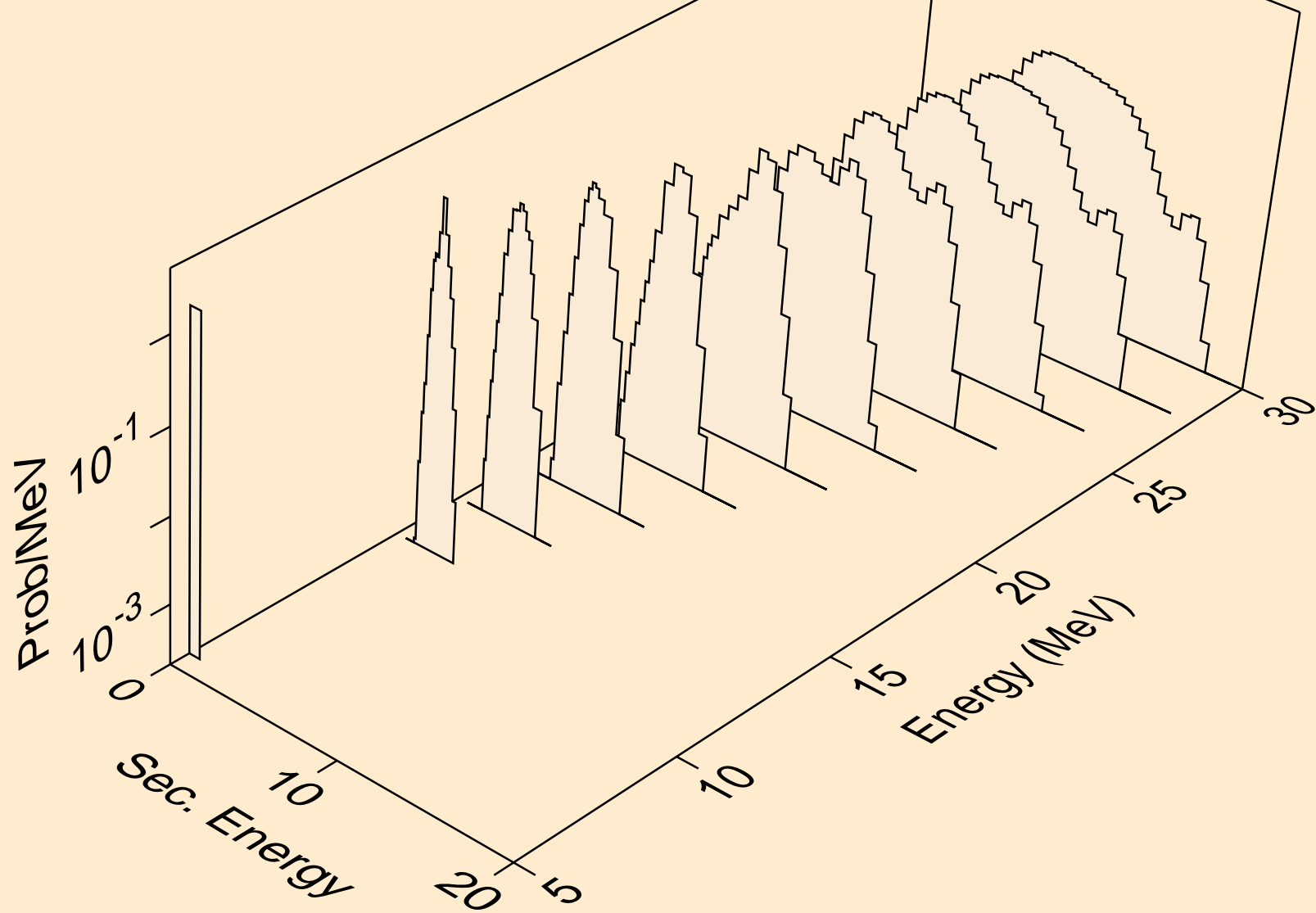


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

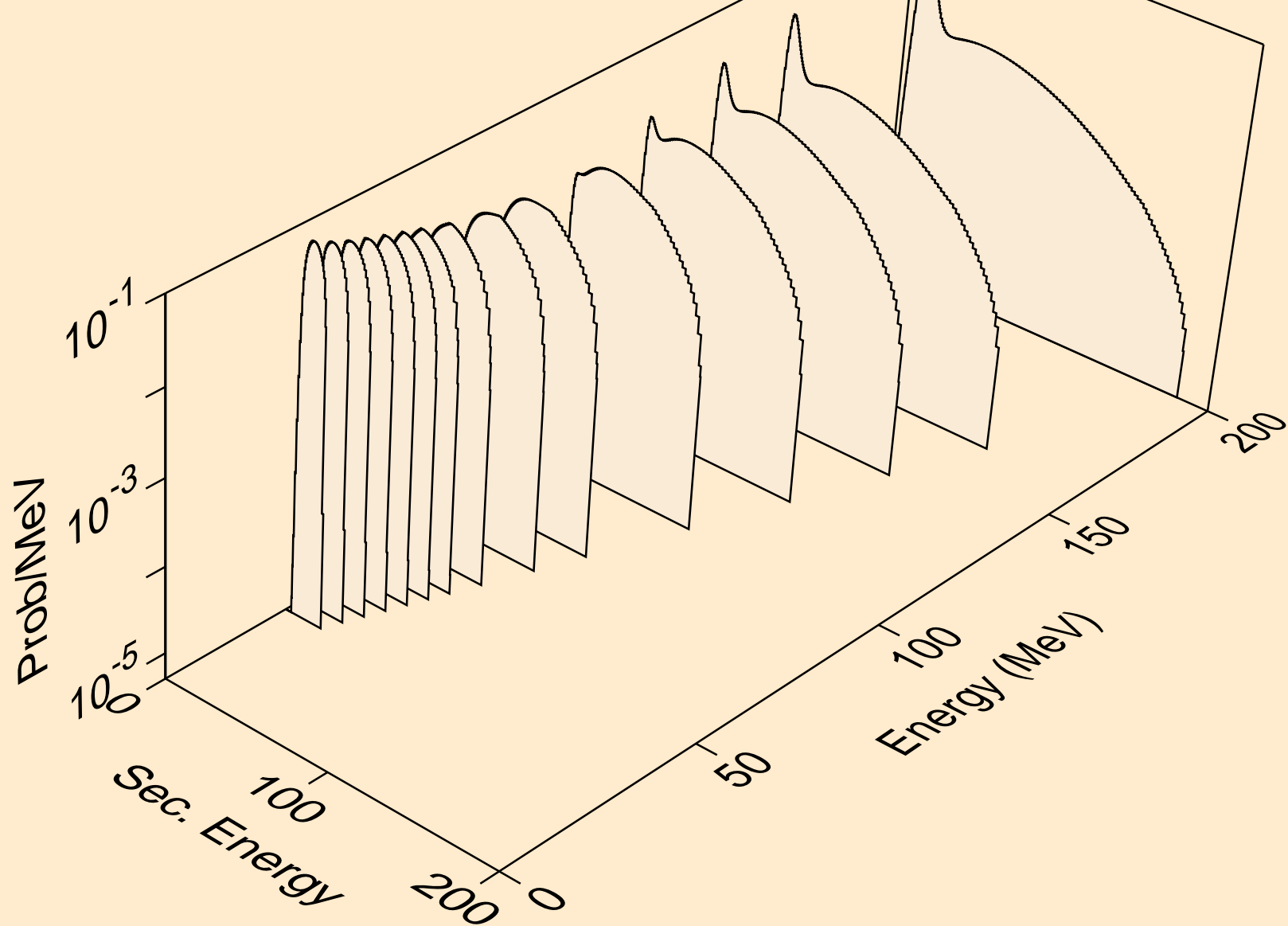




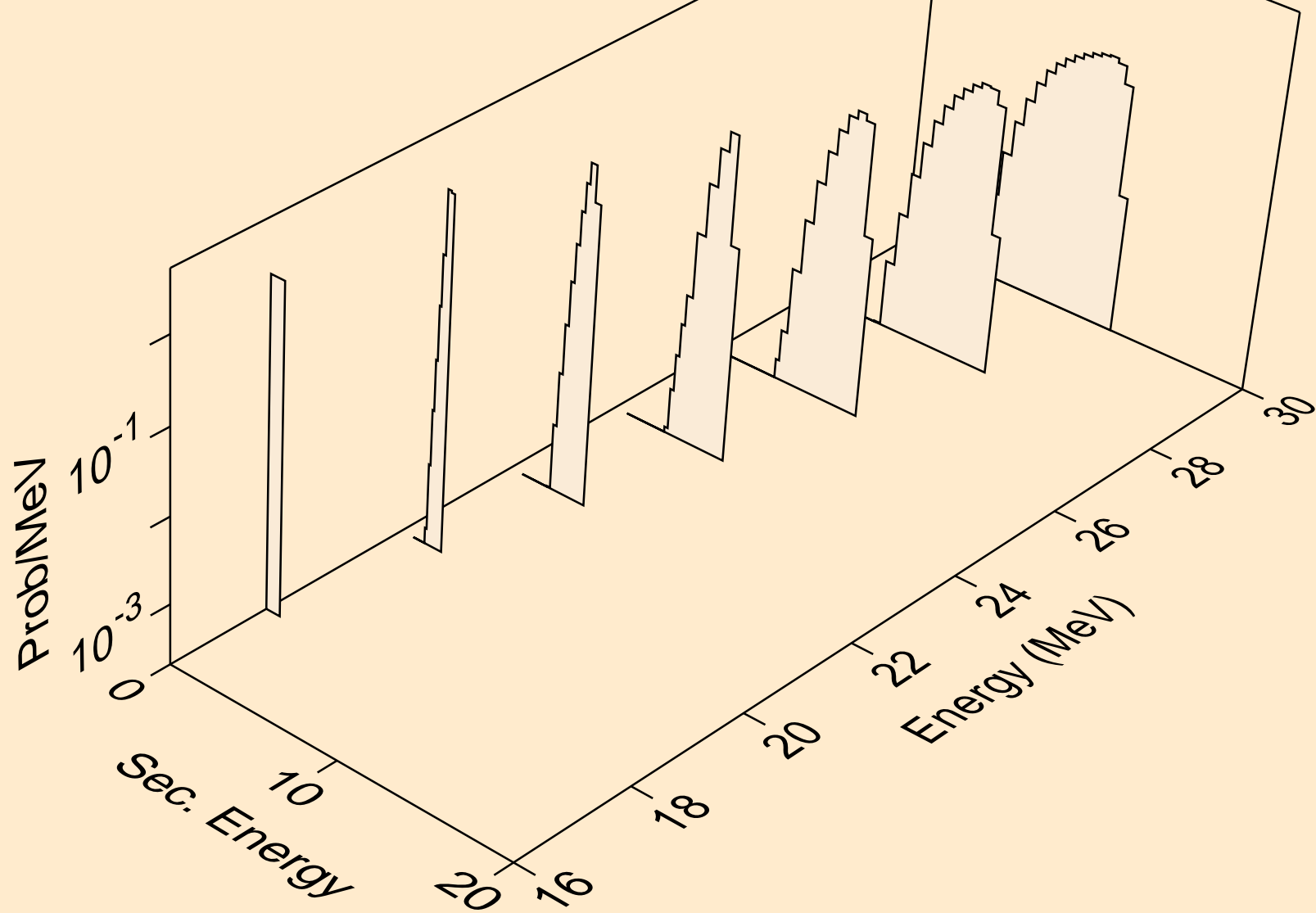
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



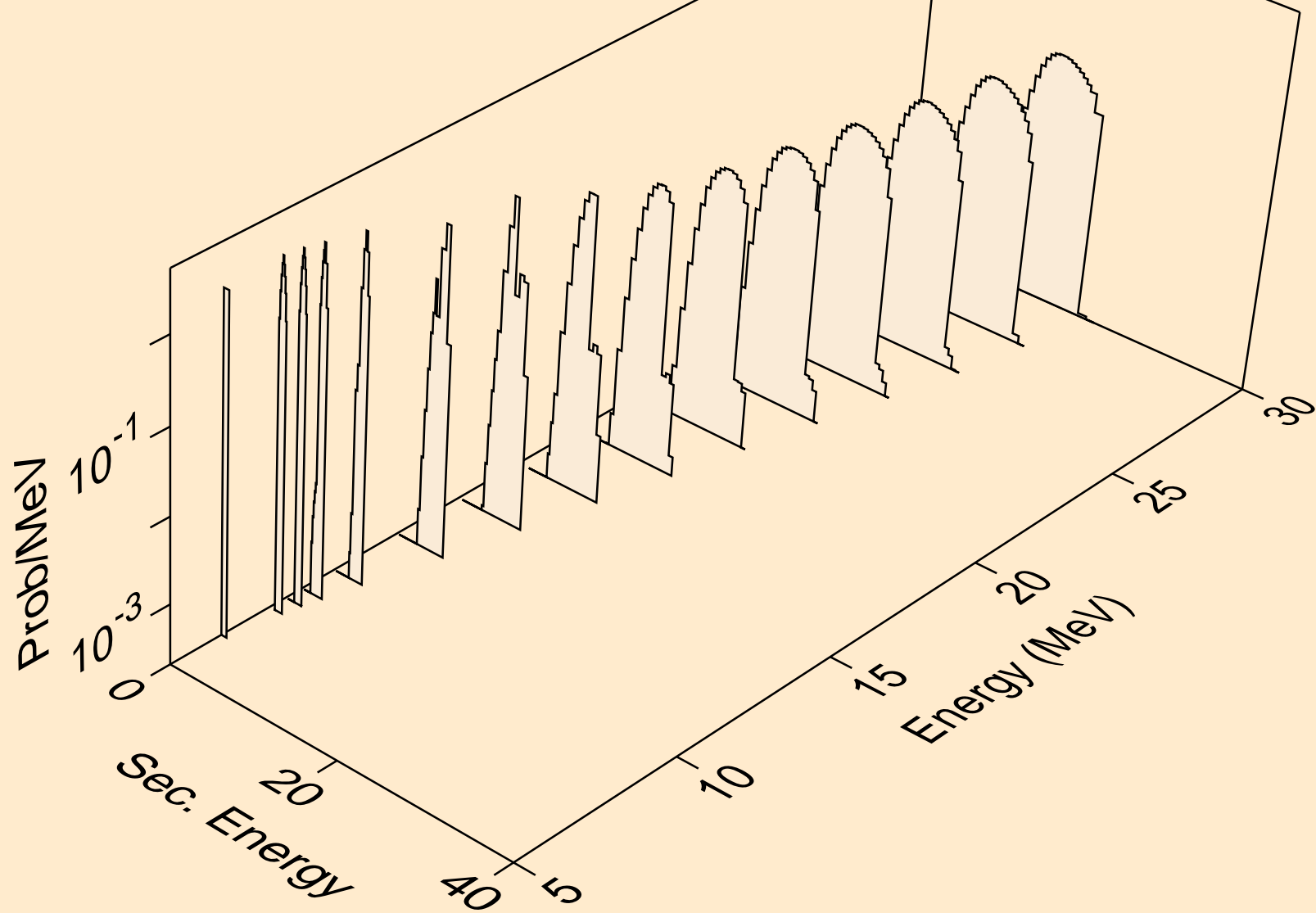
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



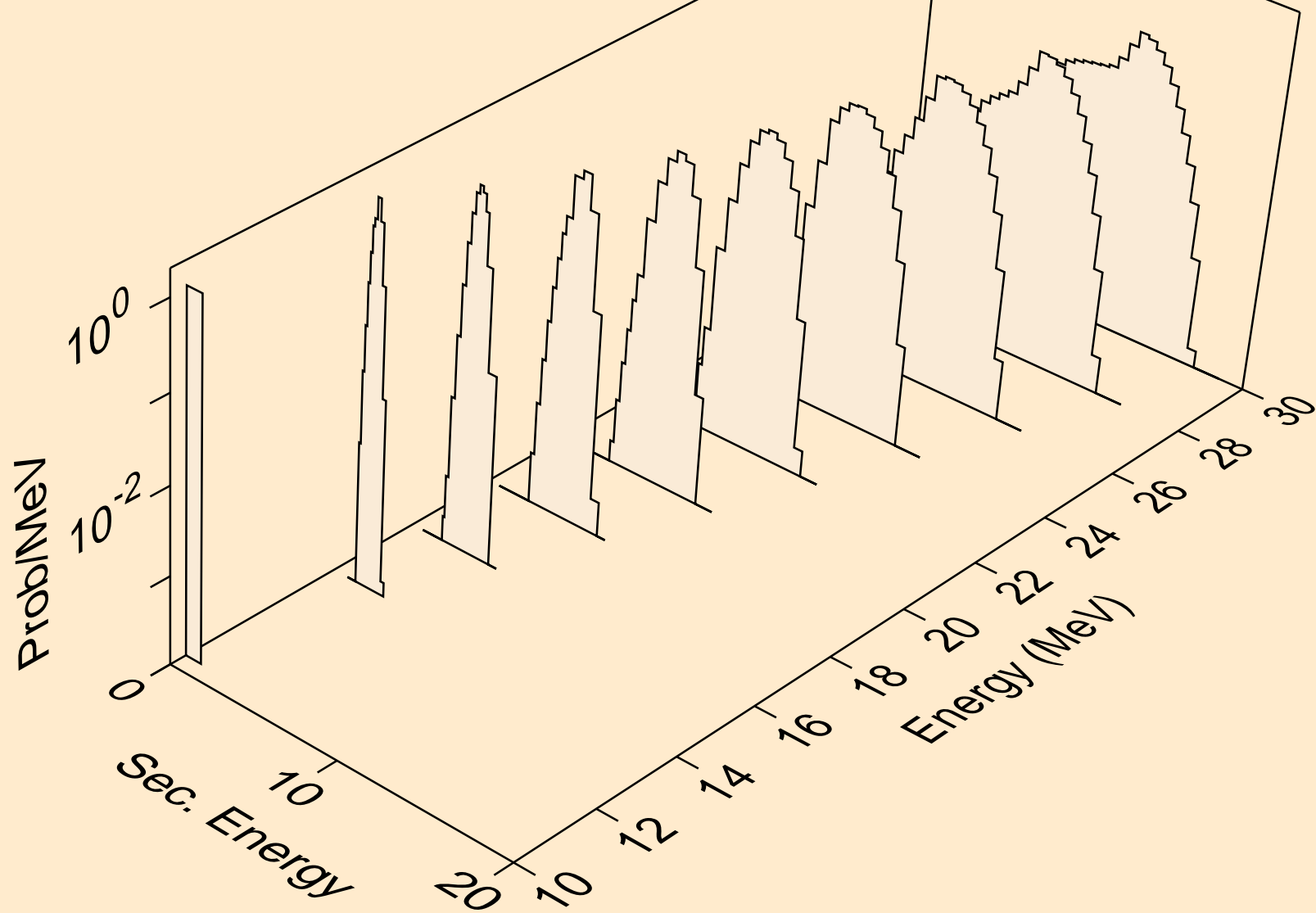
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



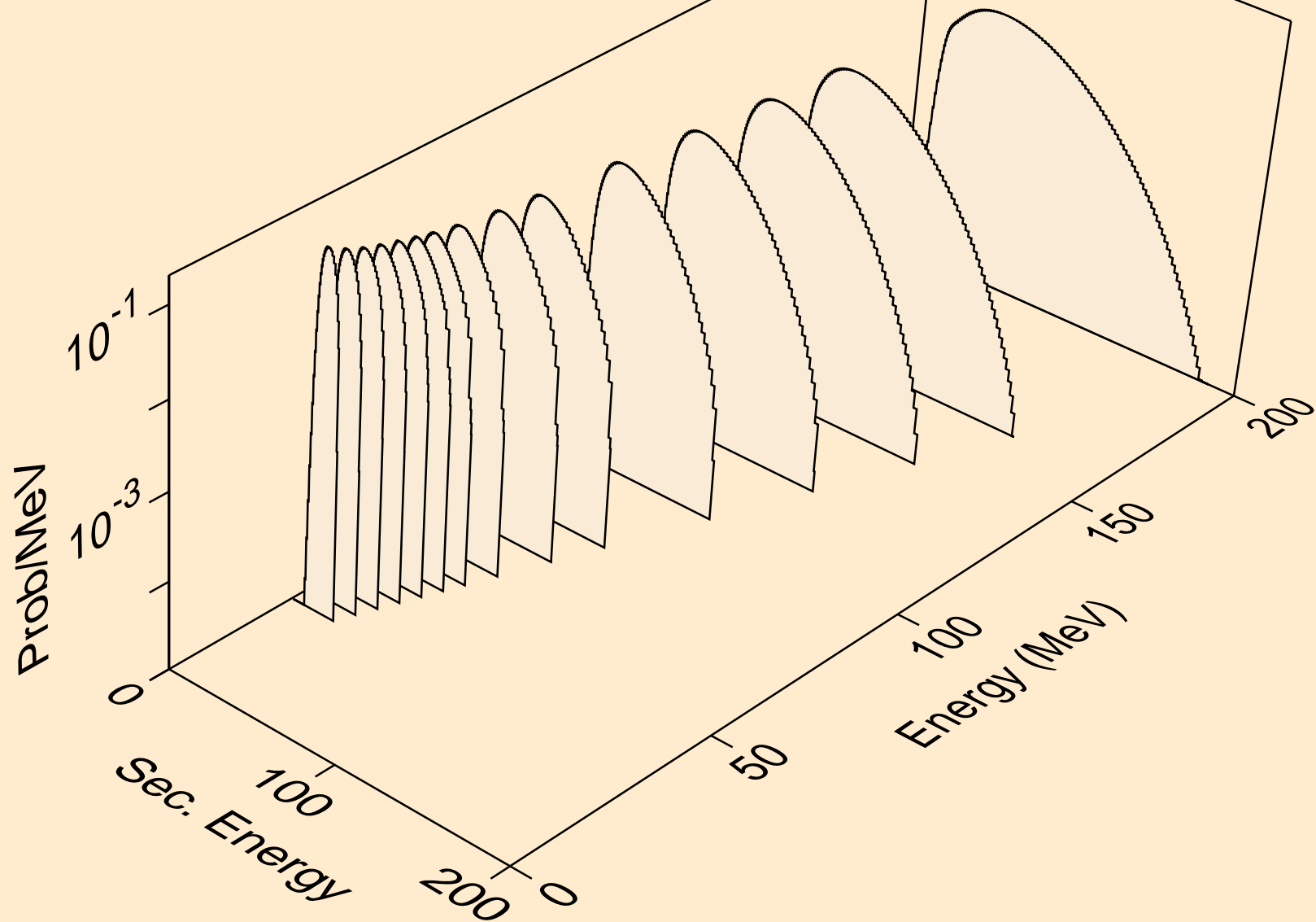
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tritons from (n,t)



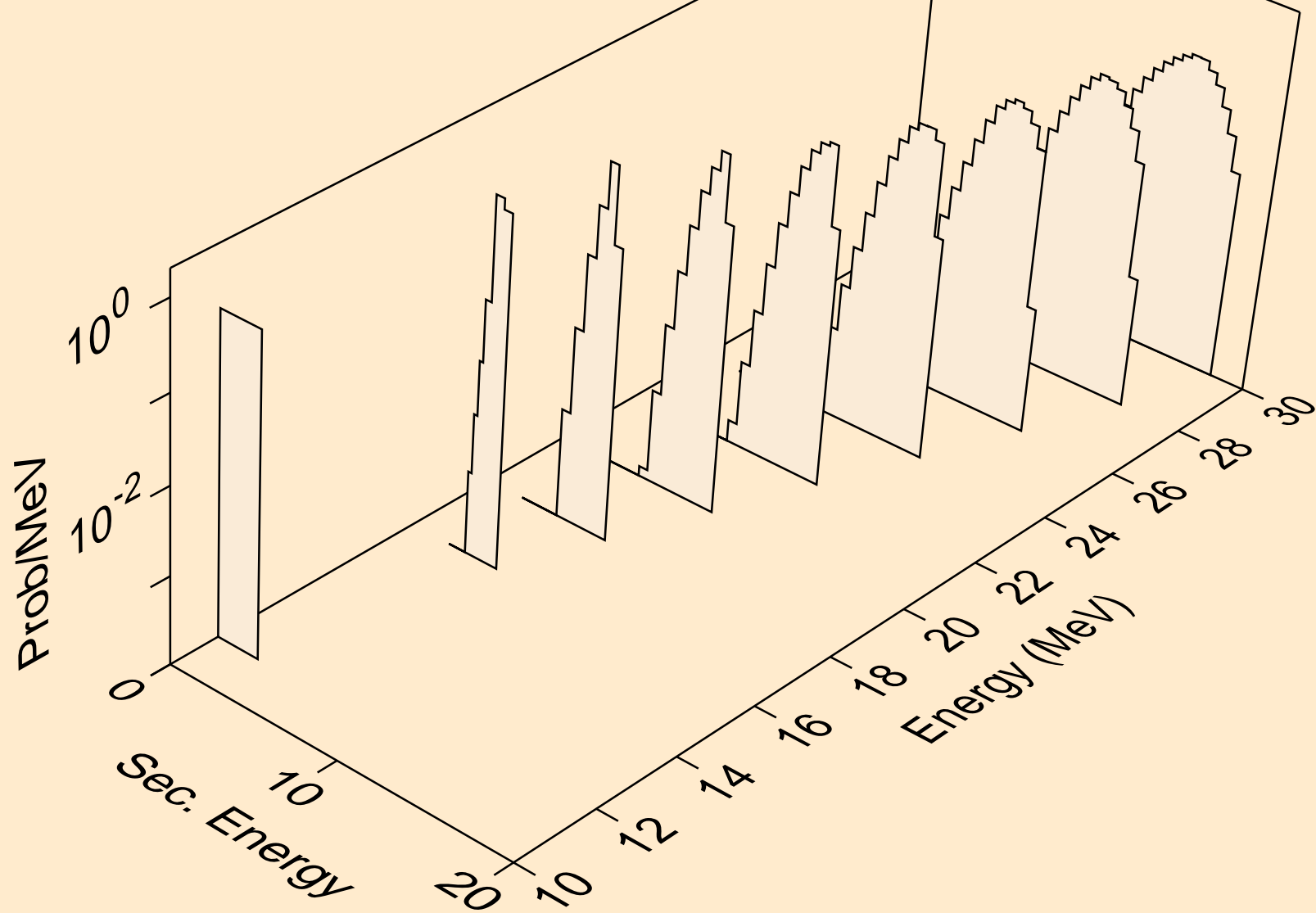
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



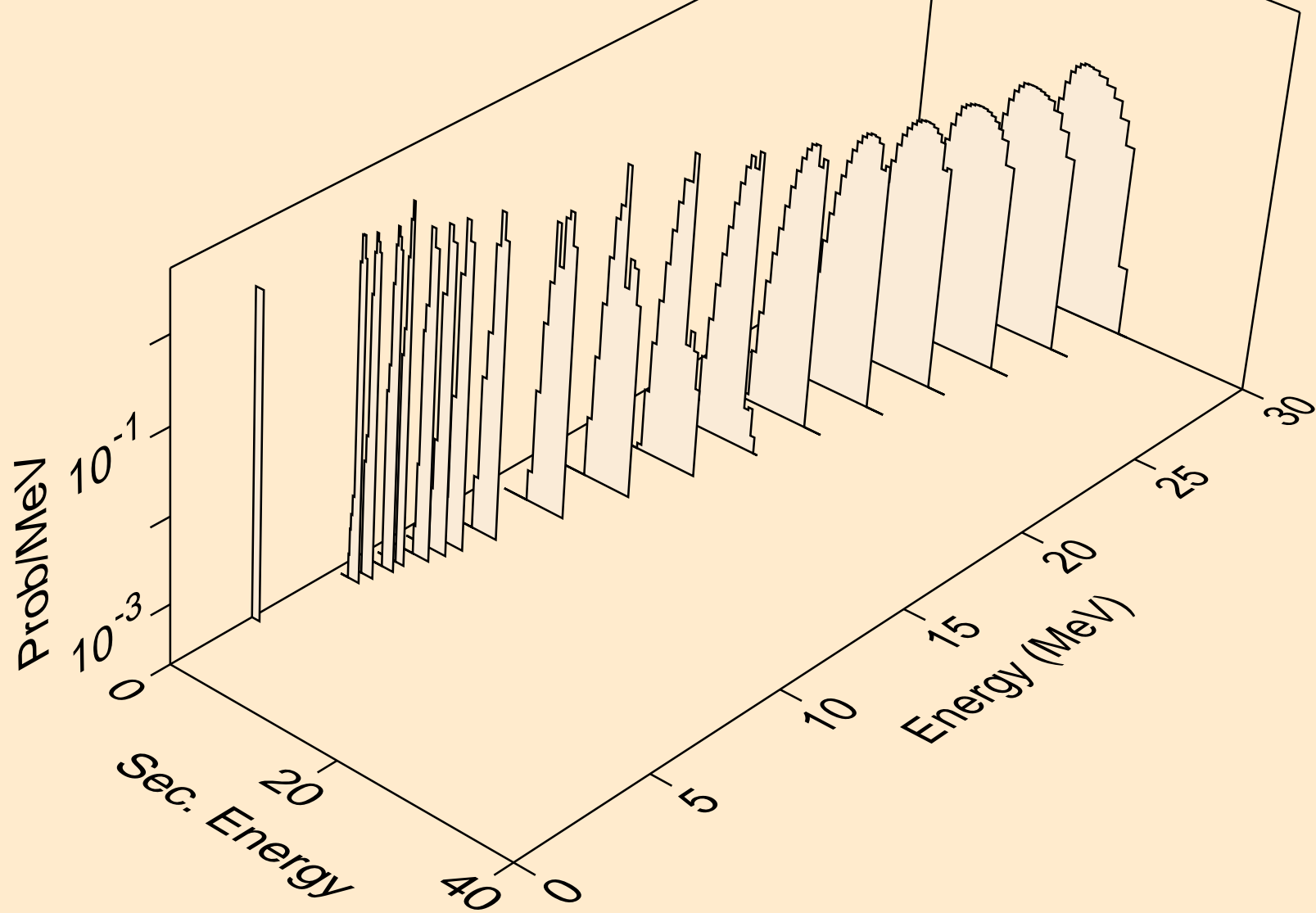
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

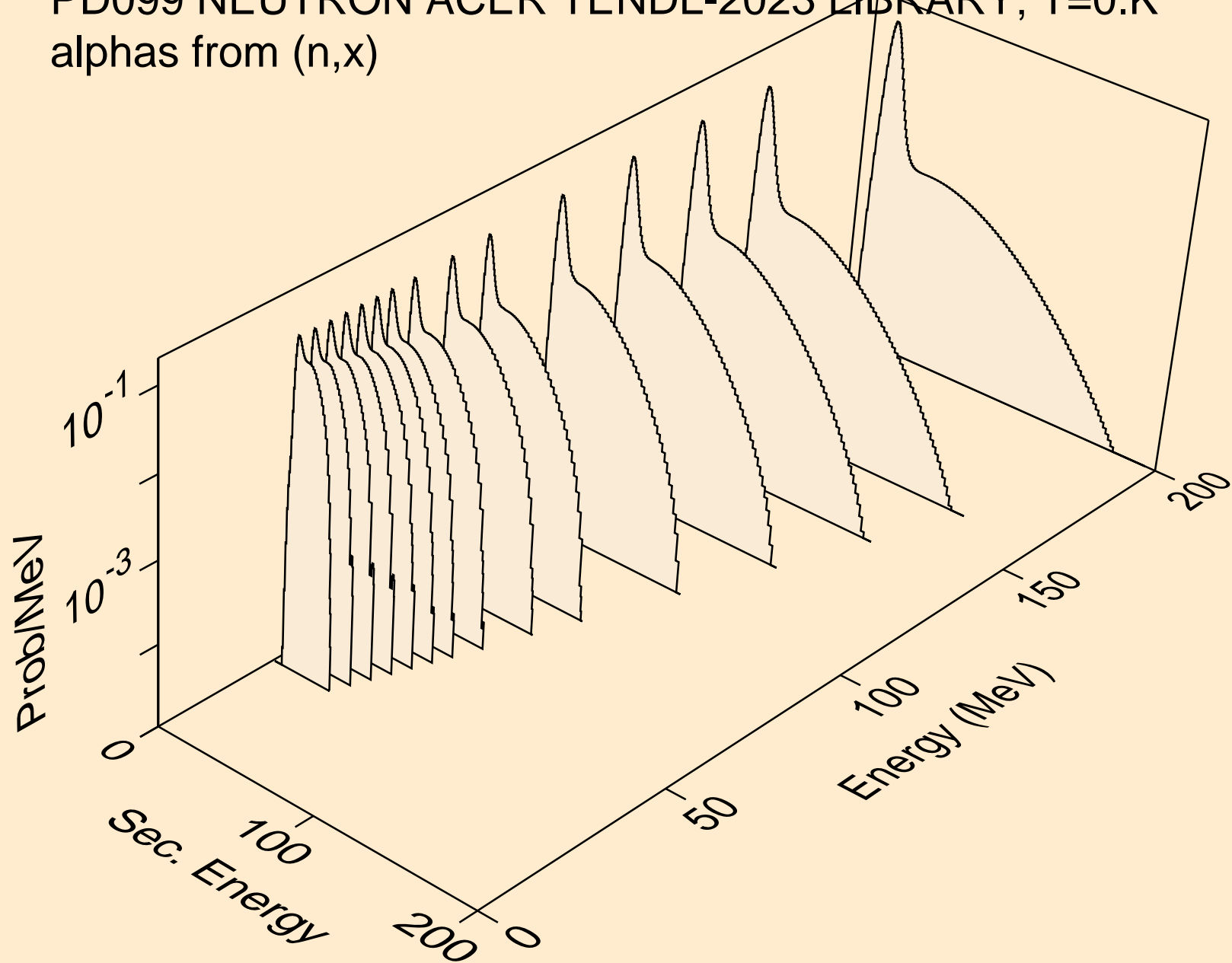


PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

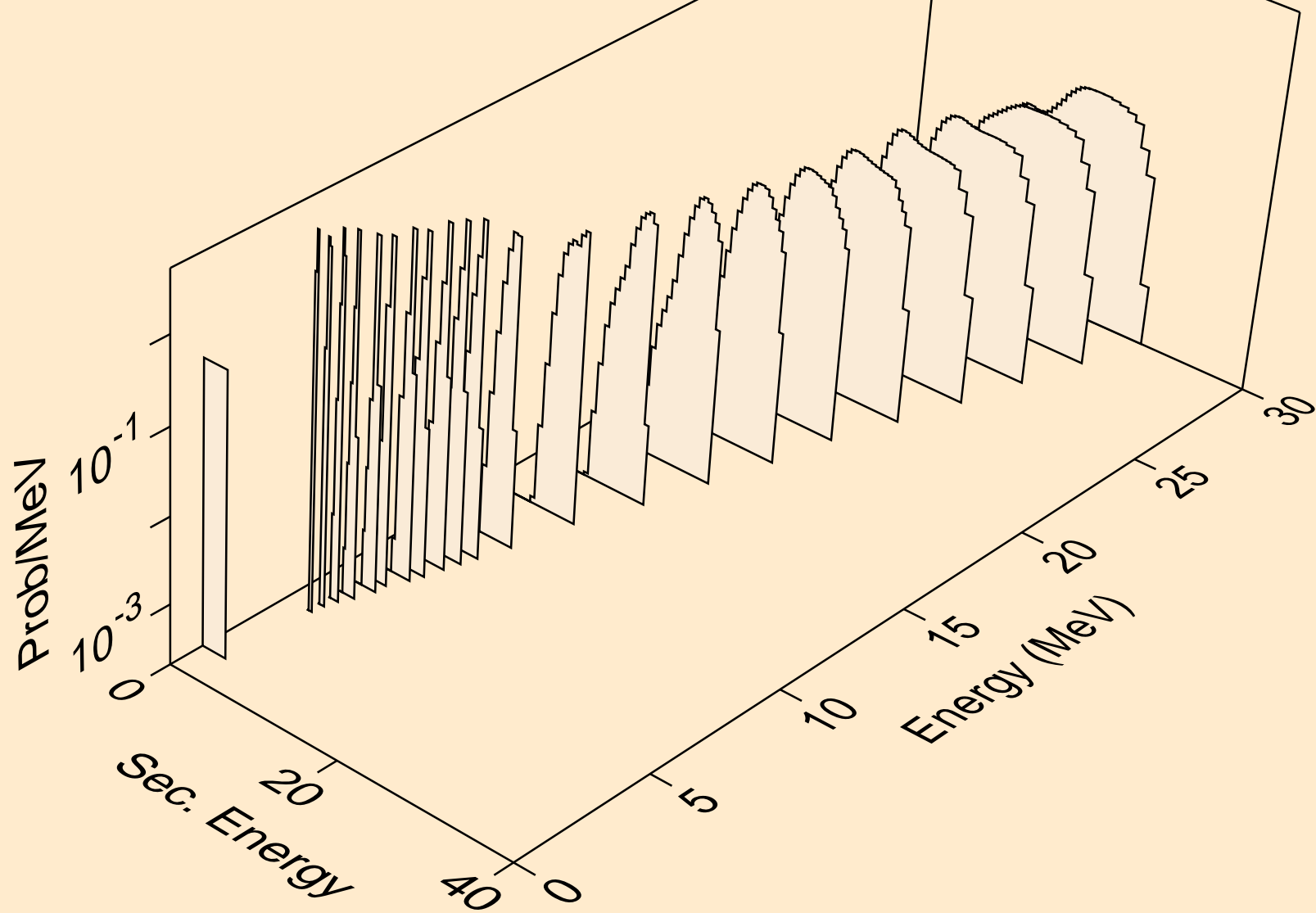




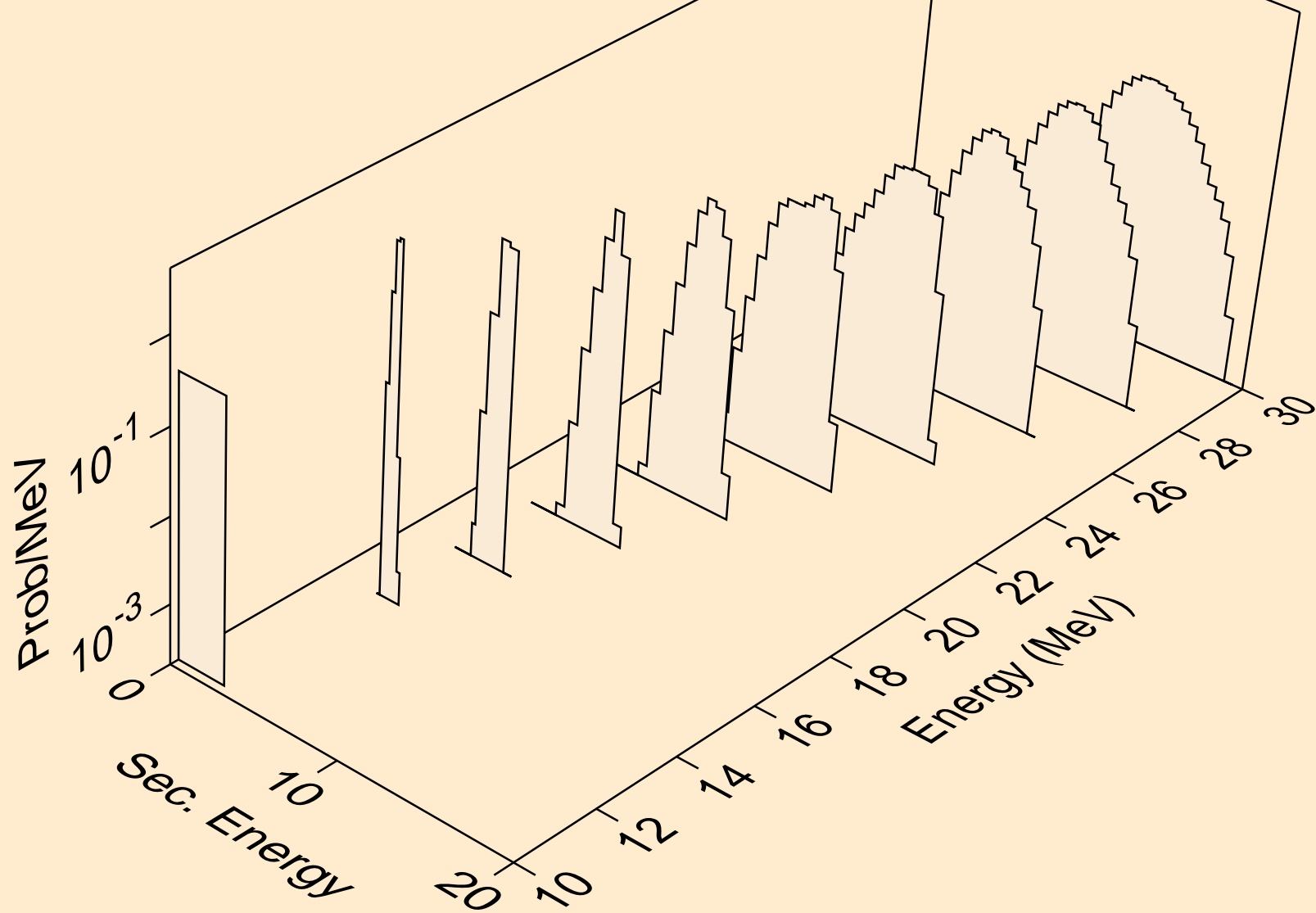
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



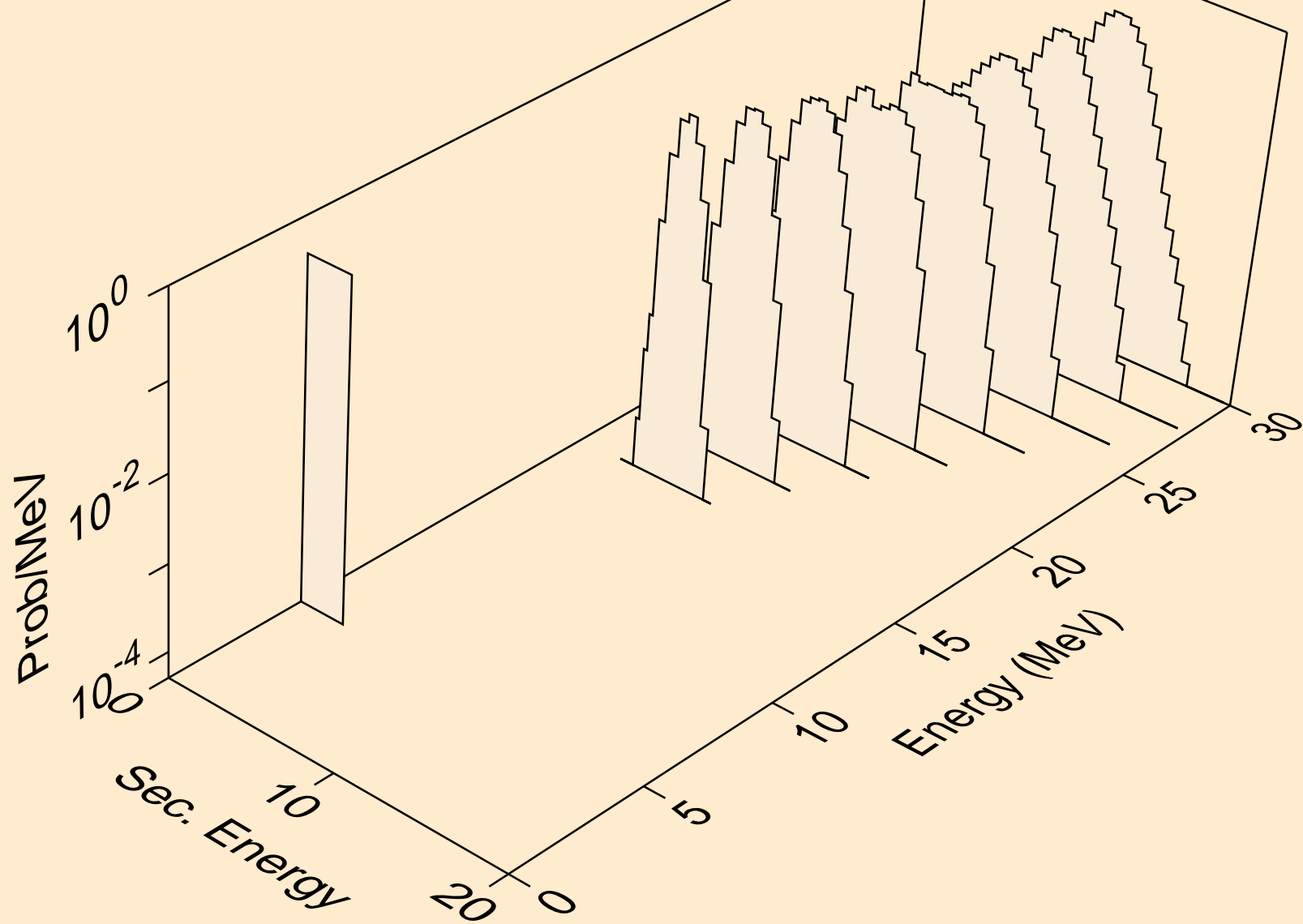
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



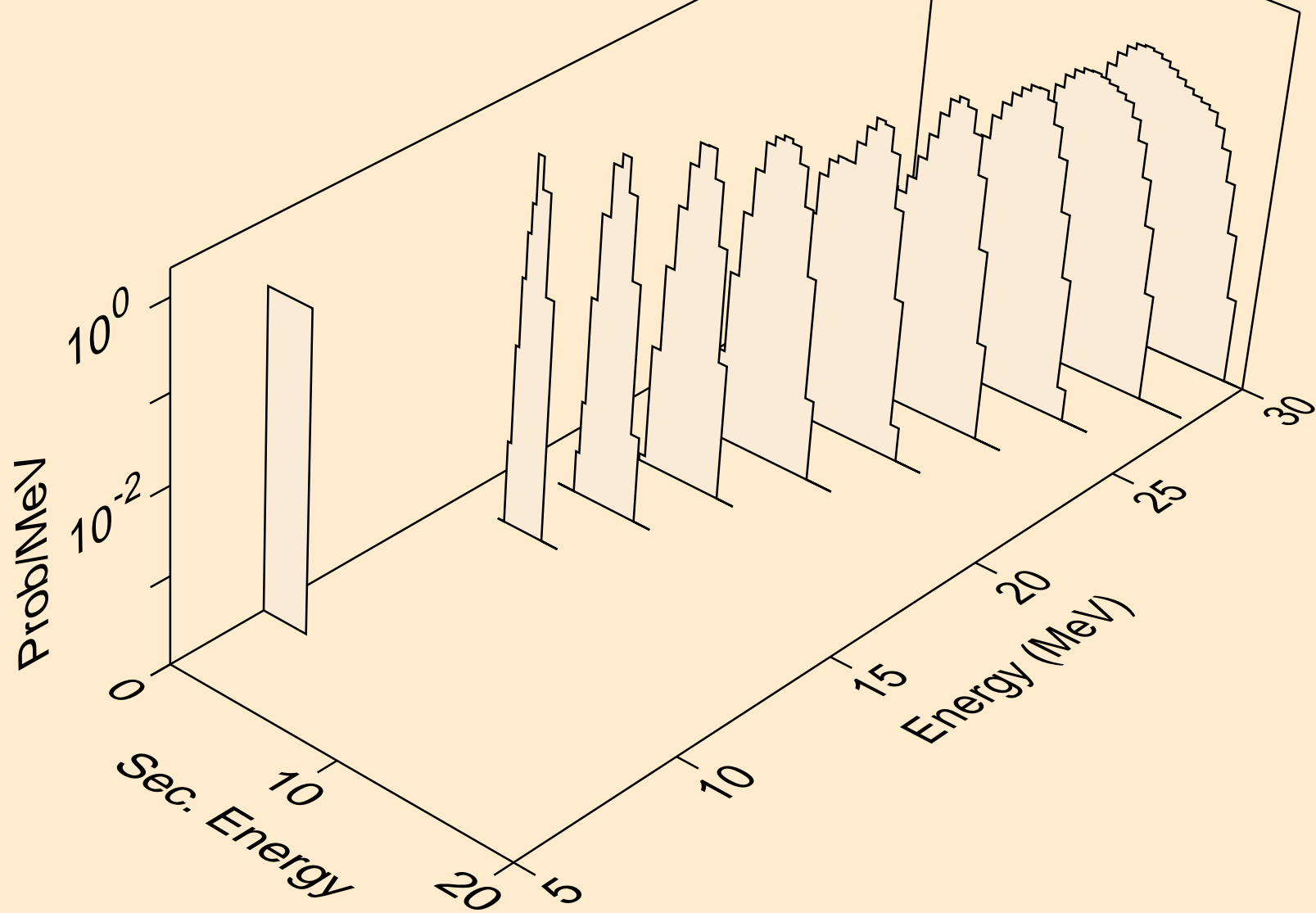
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



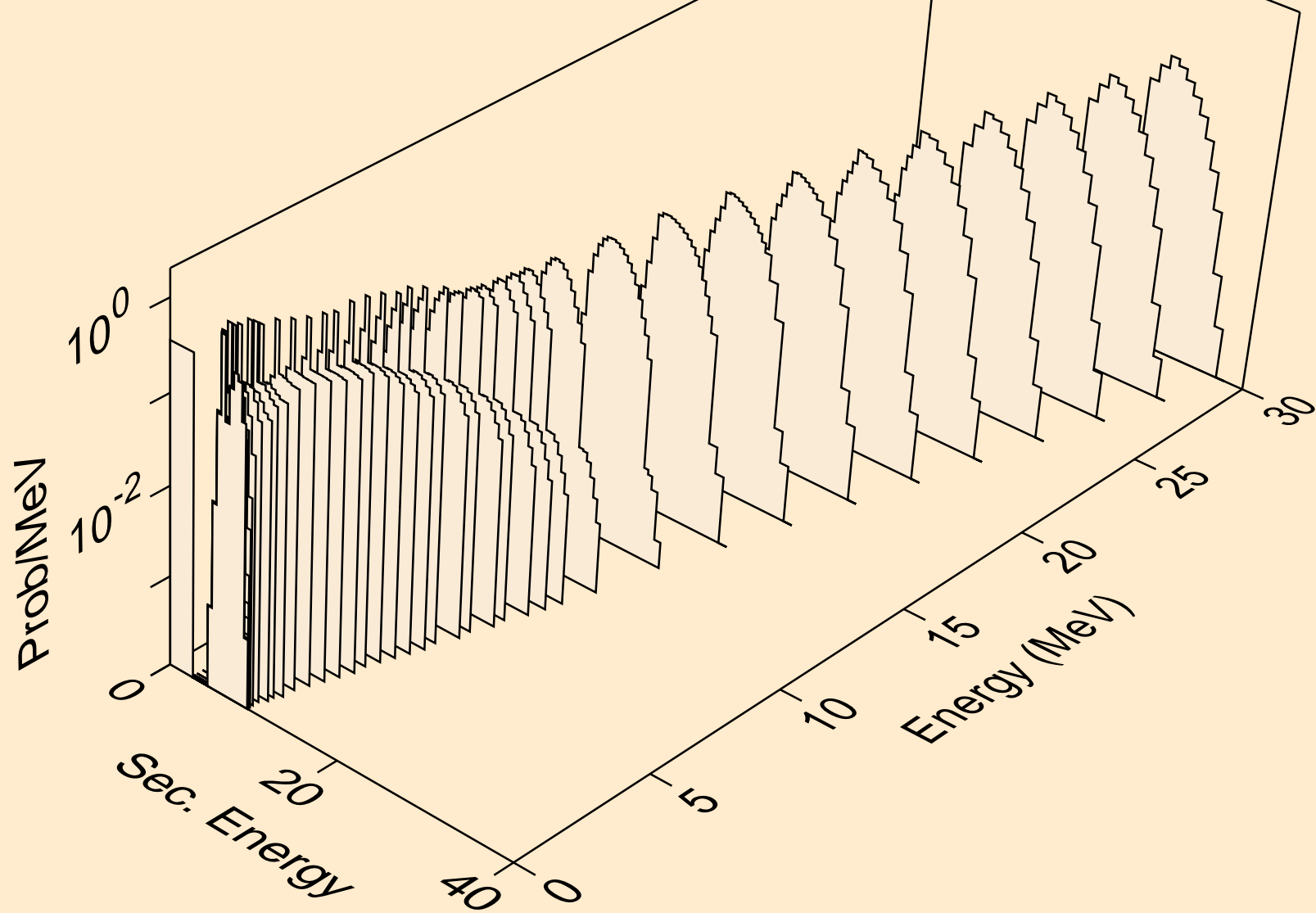
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



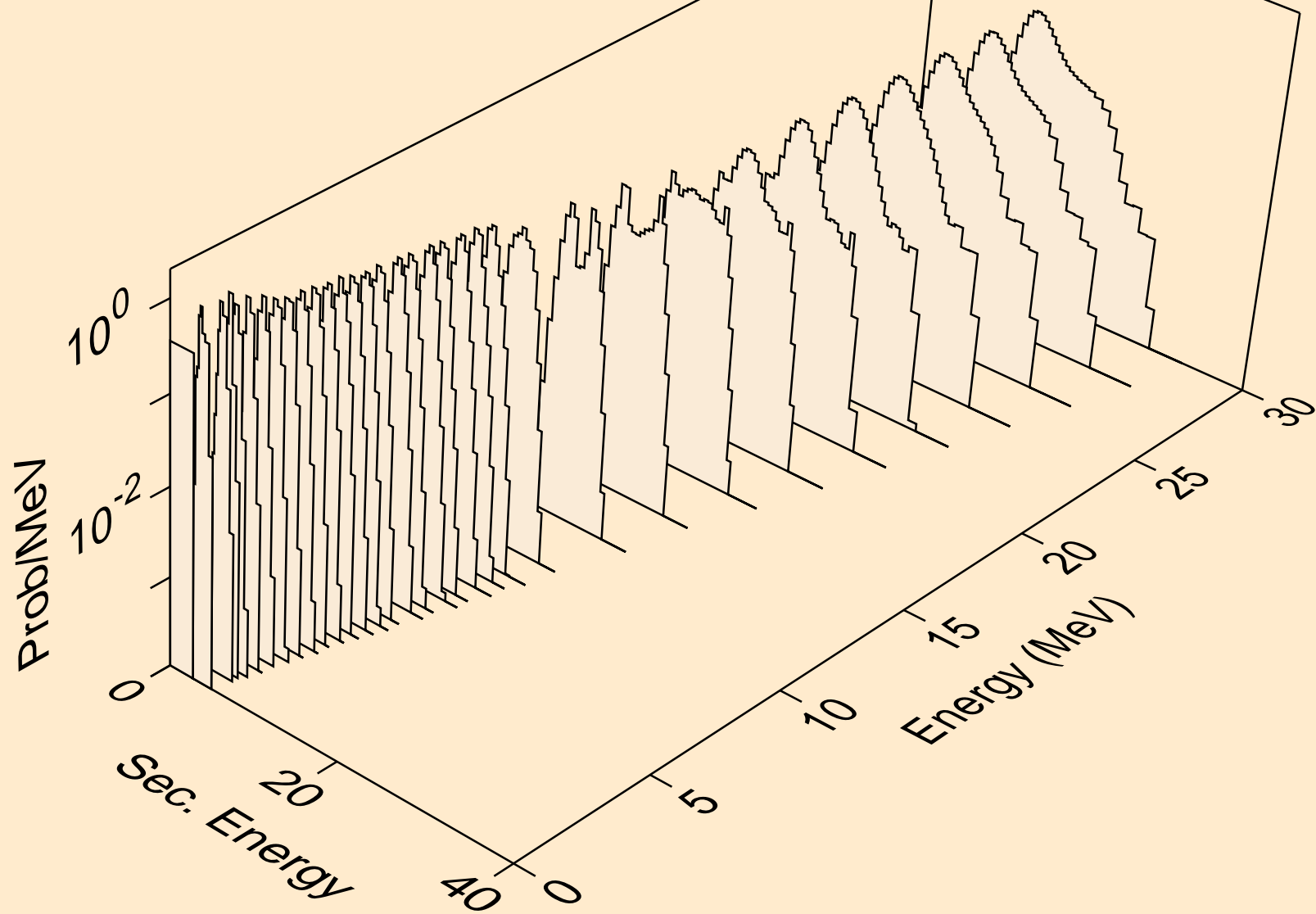
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



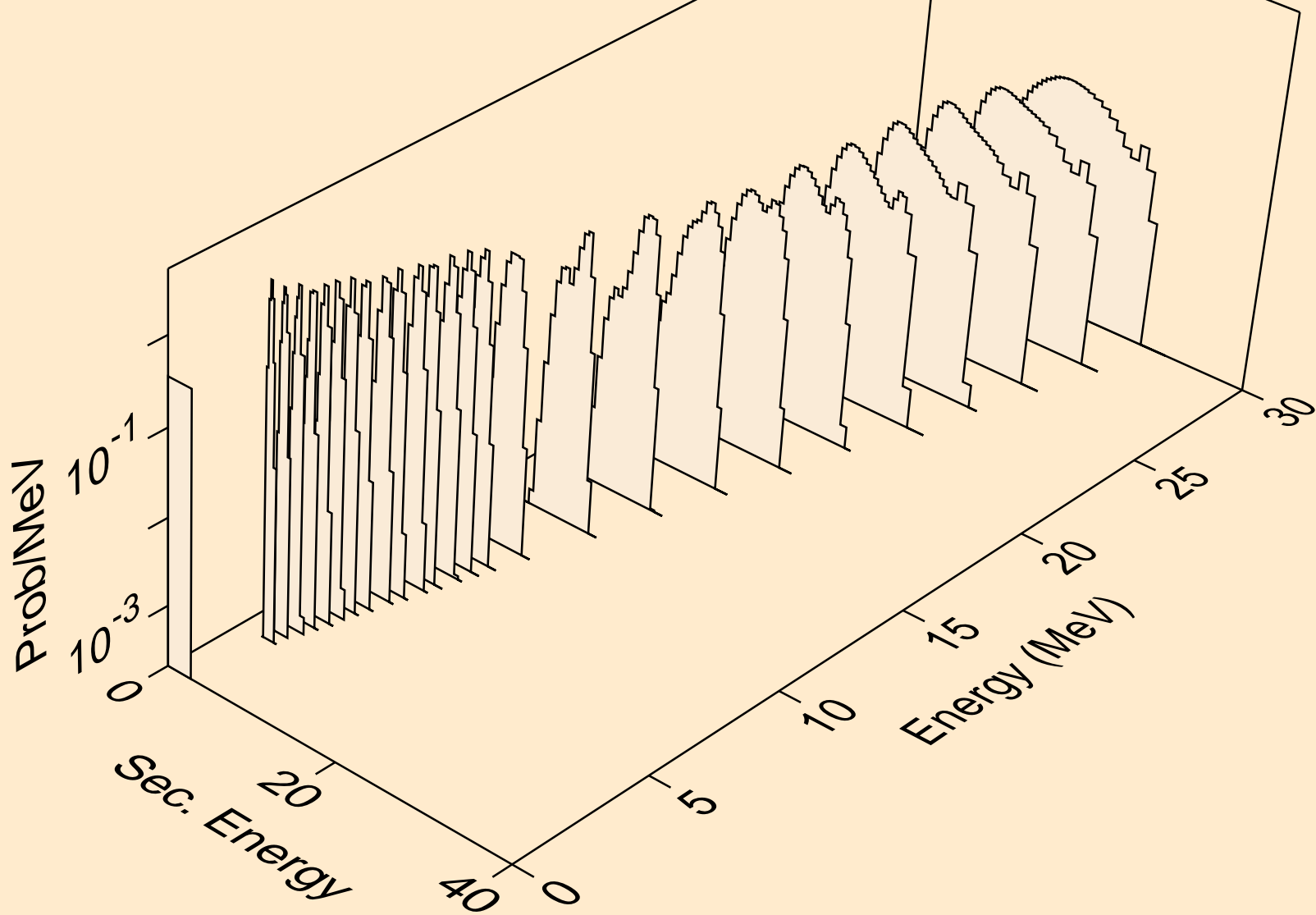
PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)





PD099 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

