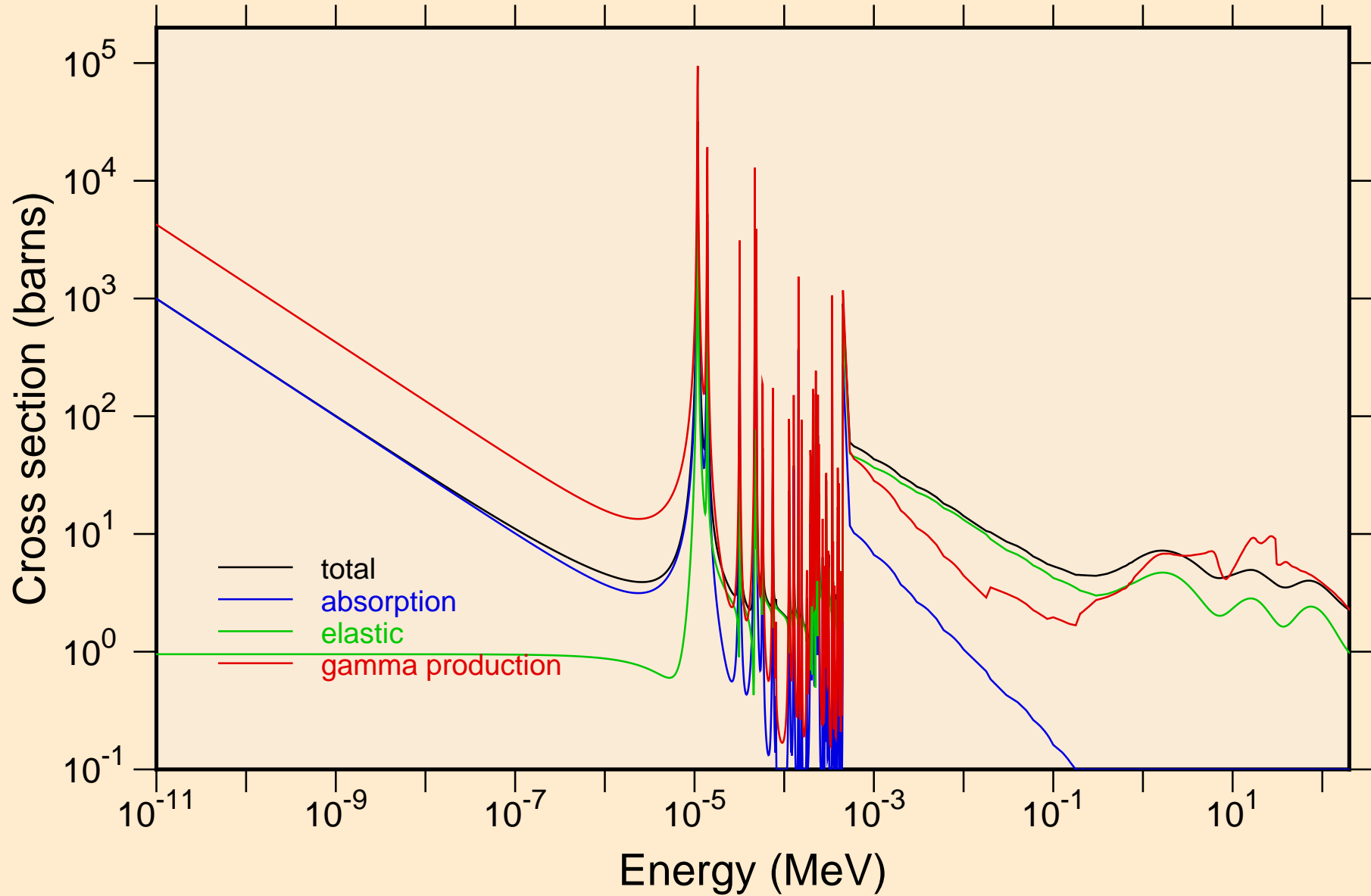
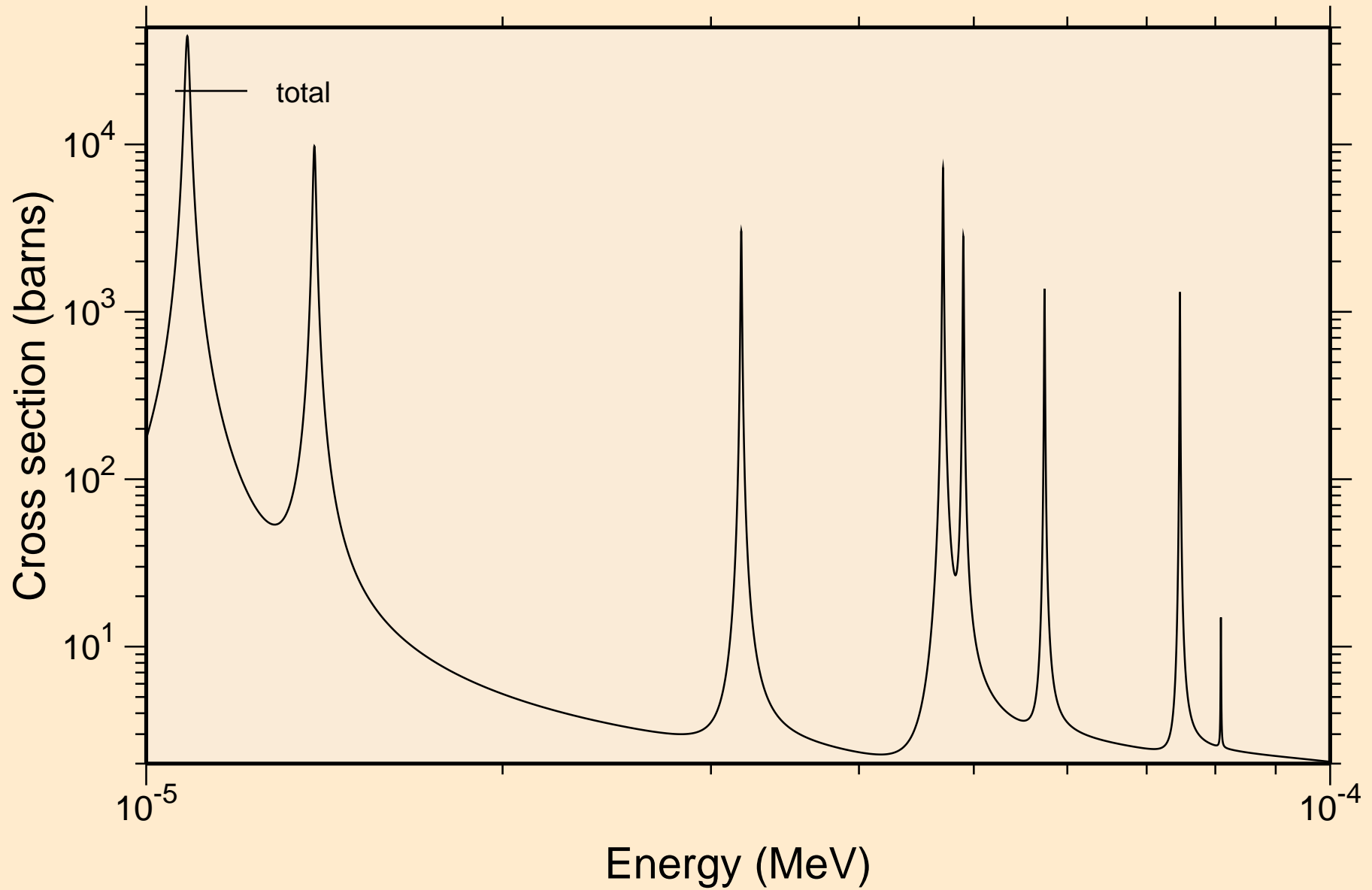


# PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

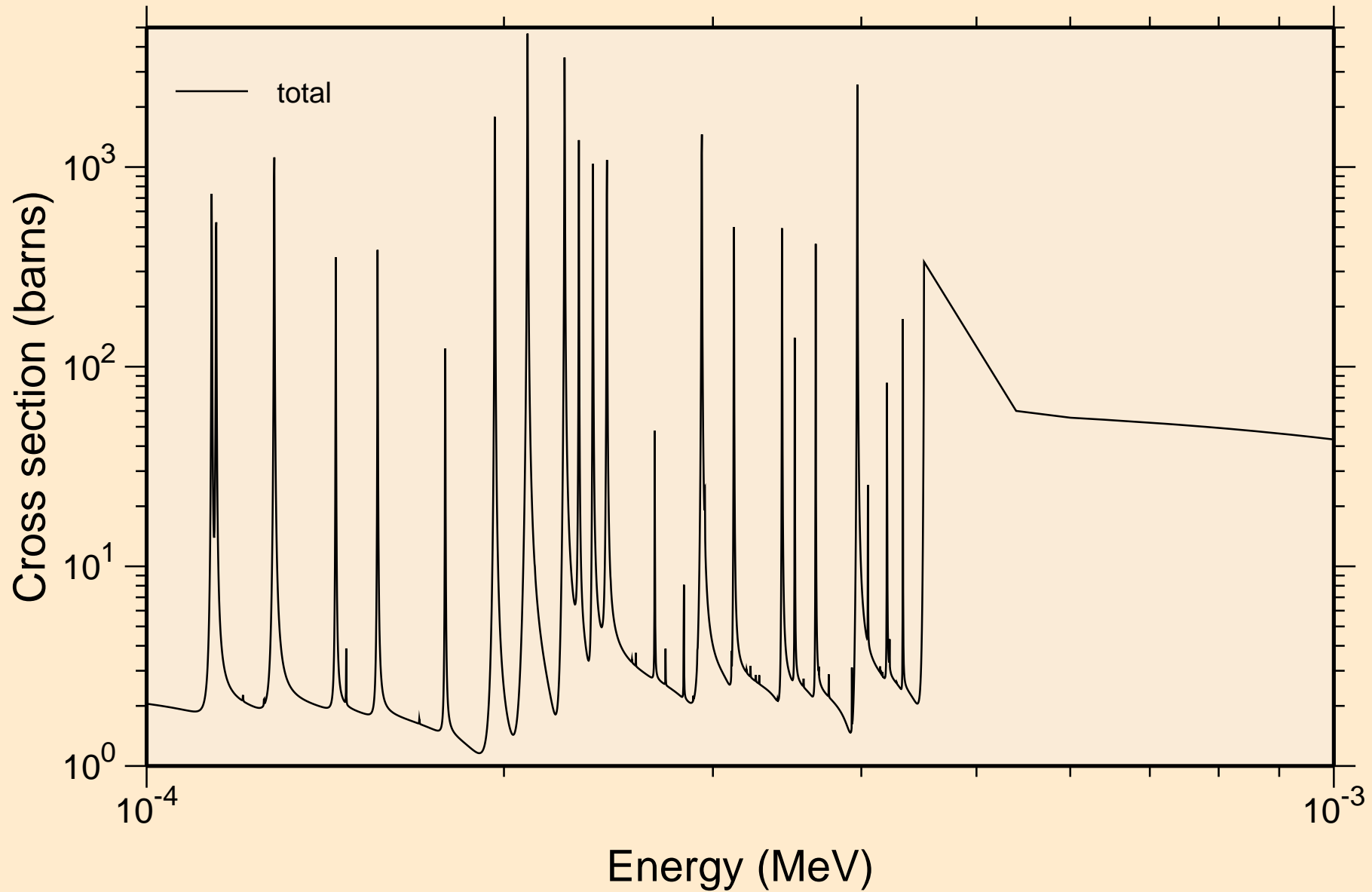
## Principal cross sections



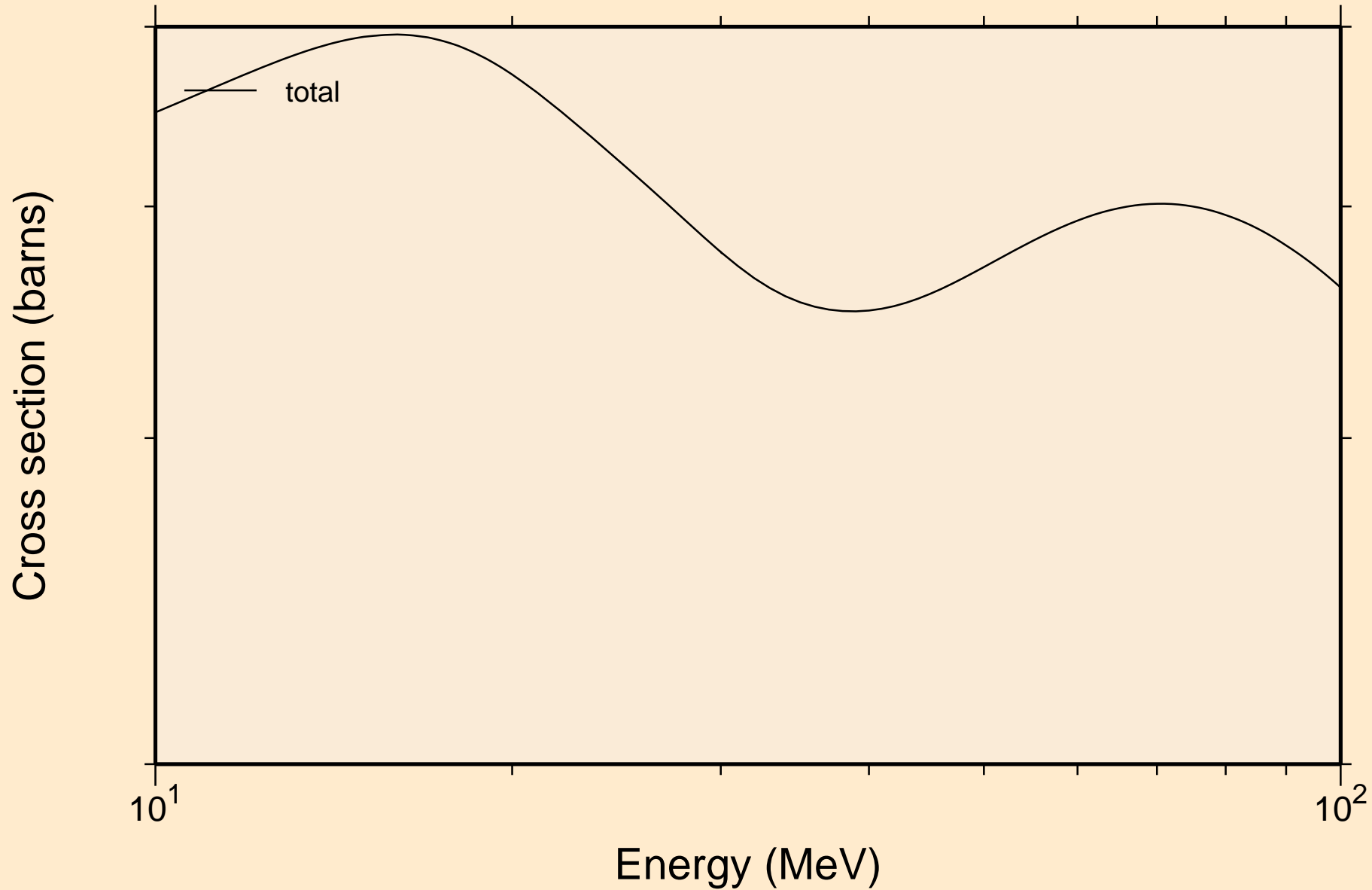
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



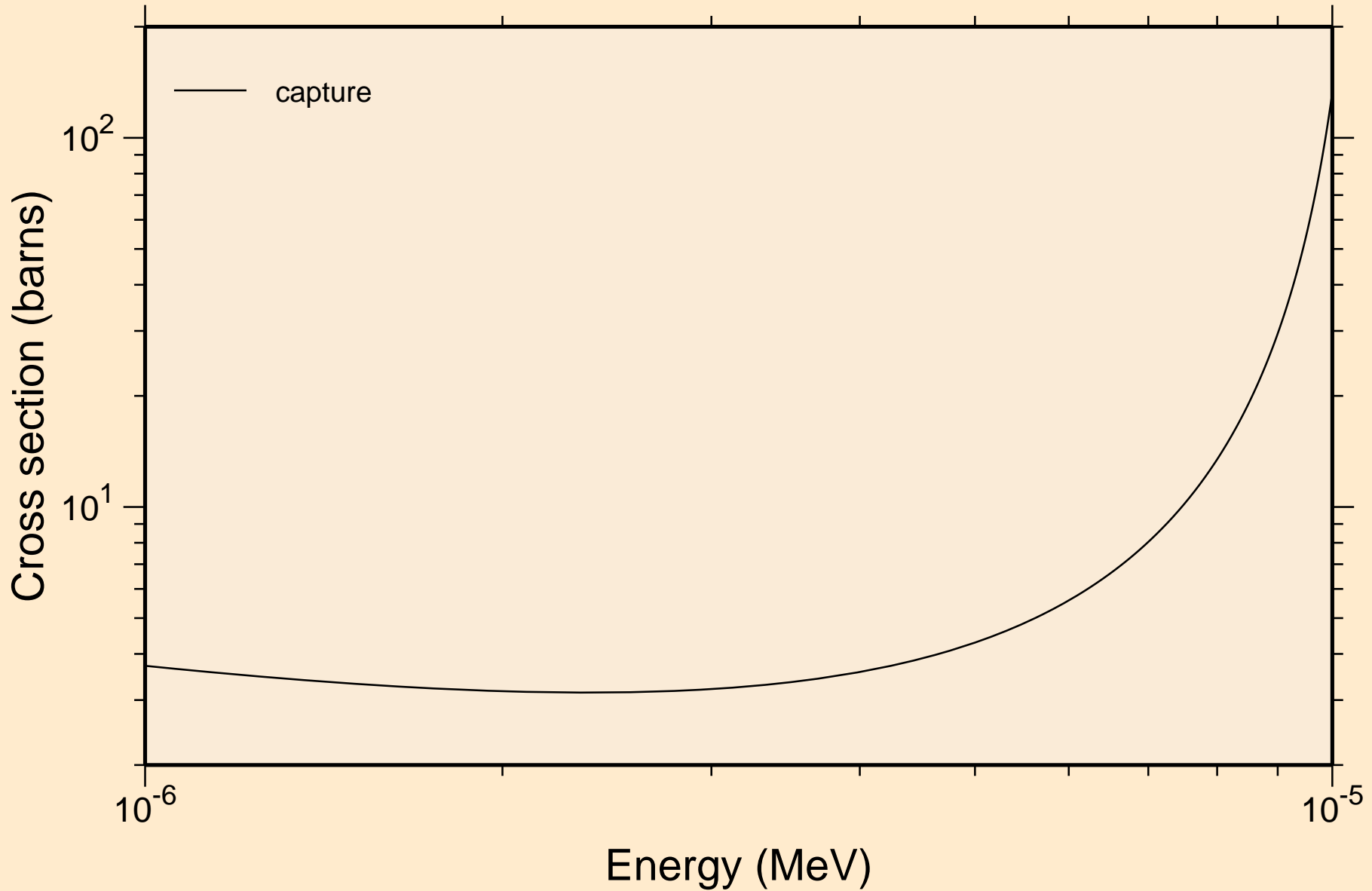
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



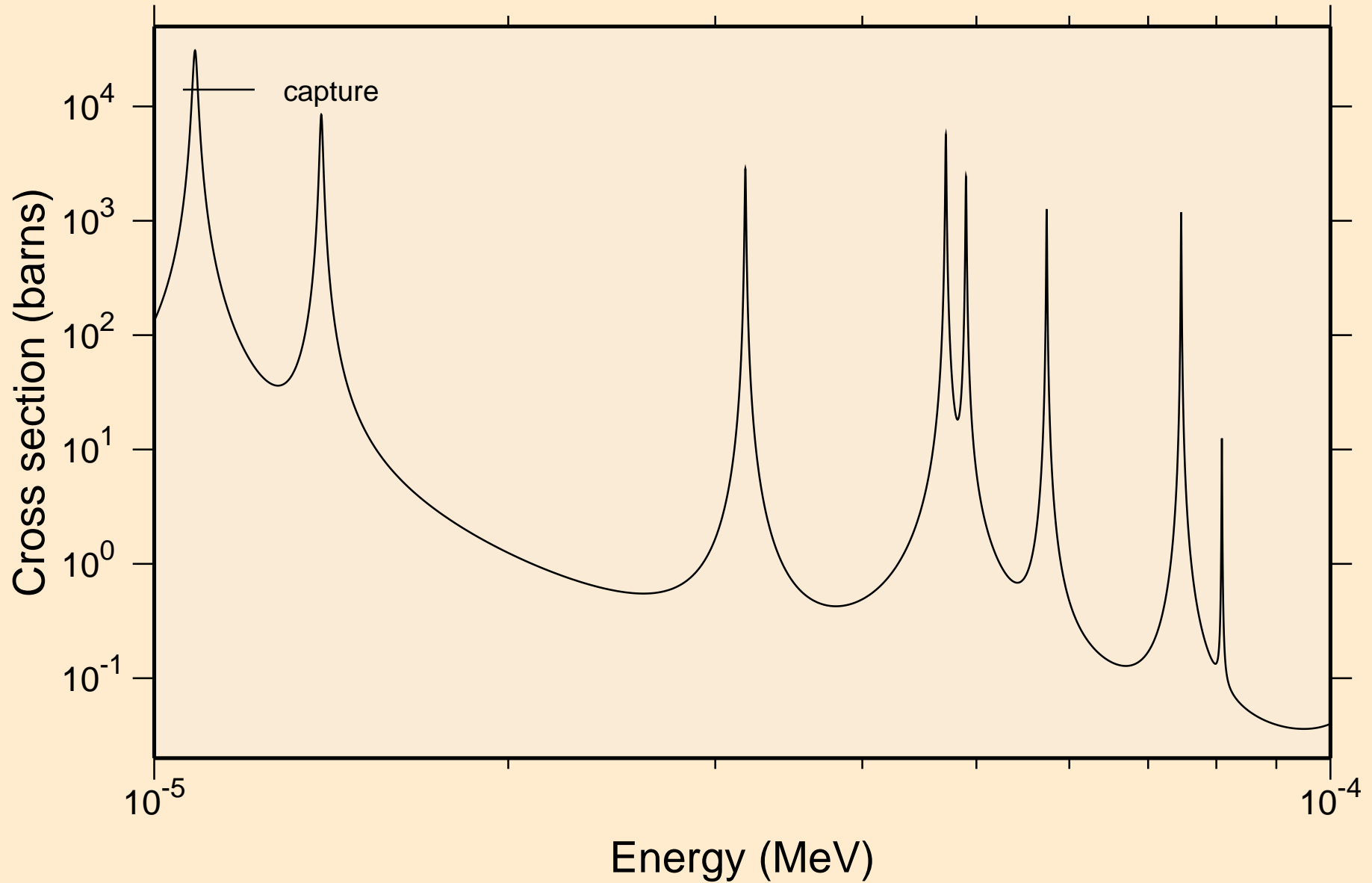
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



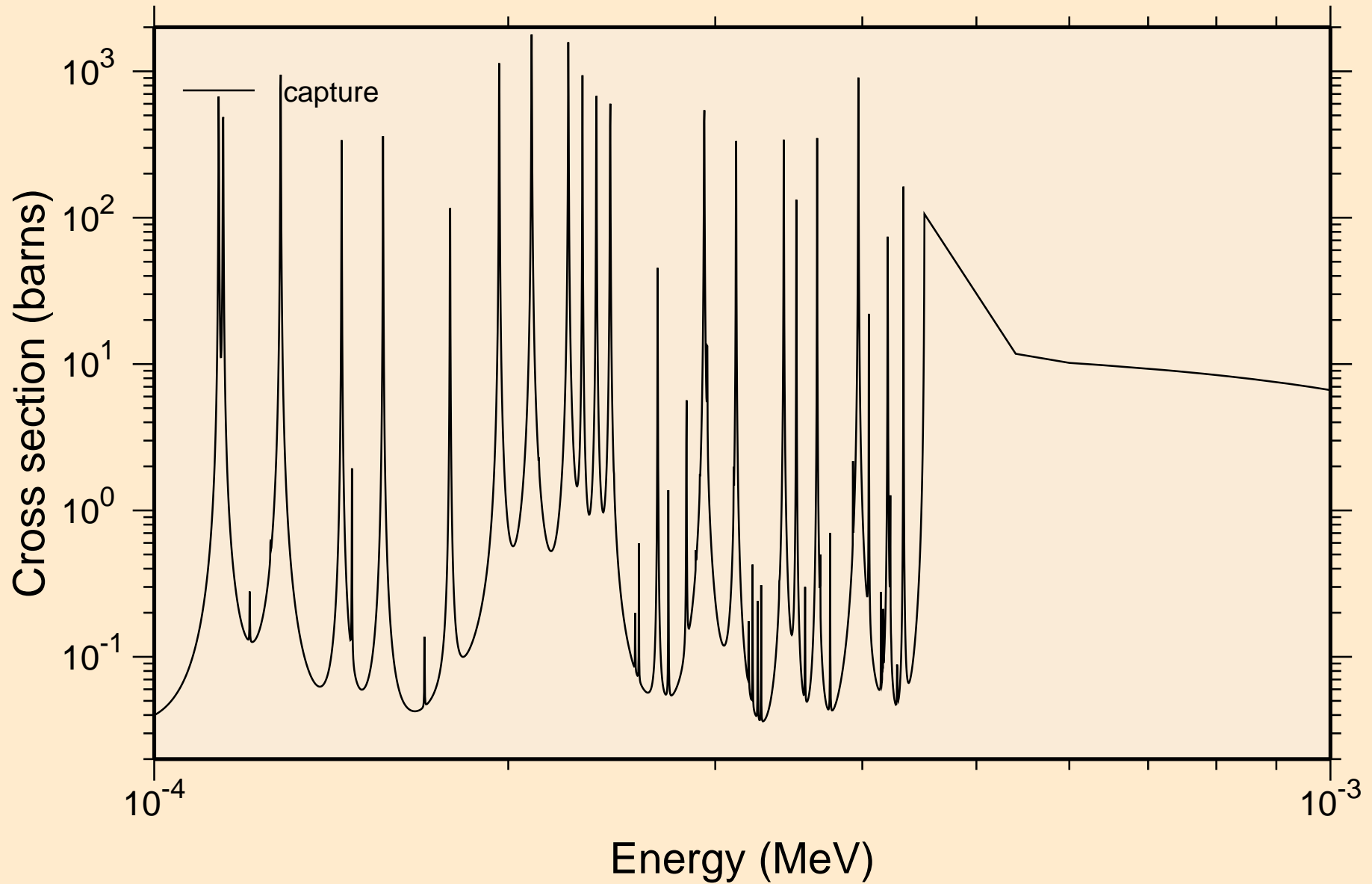
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



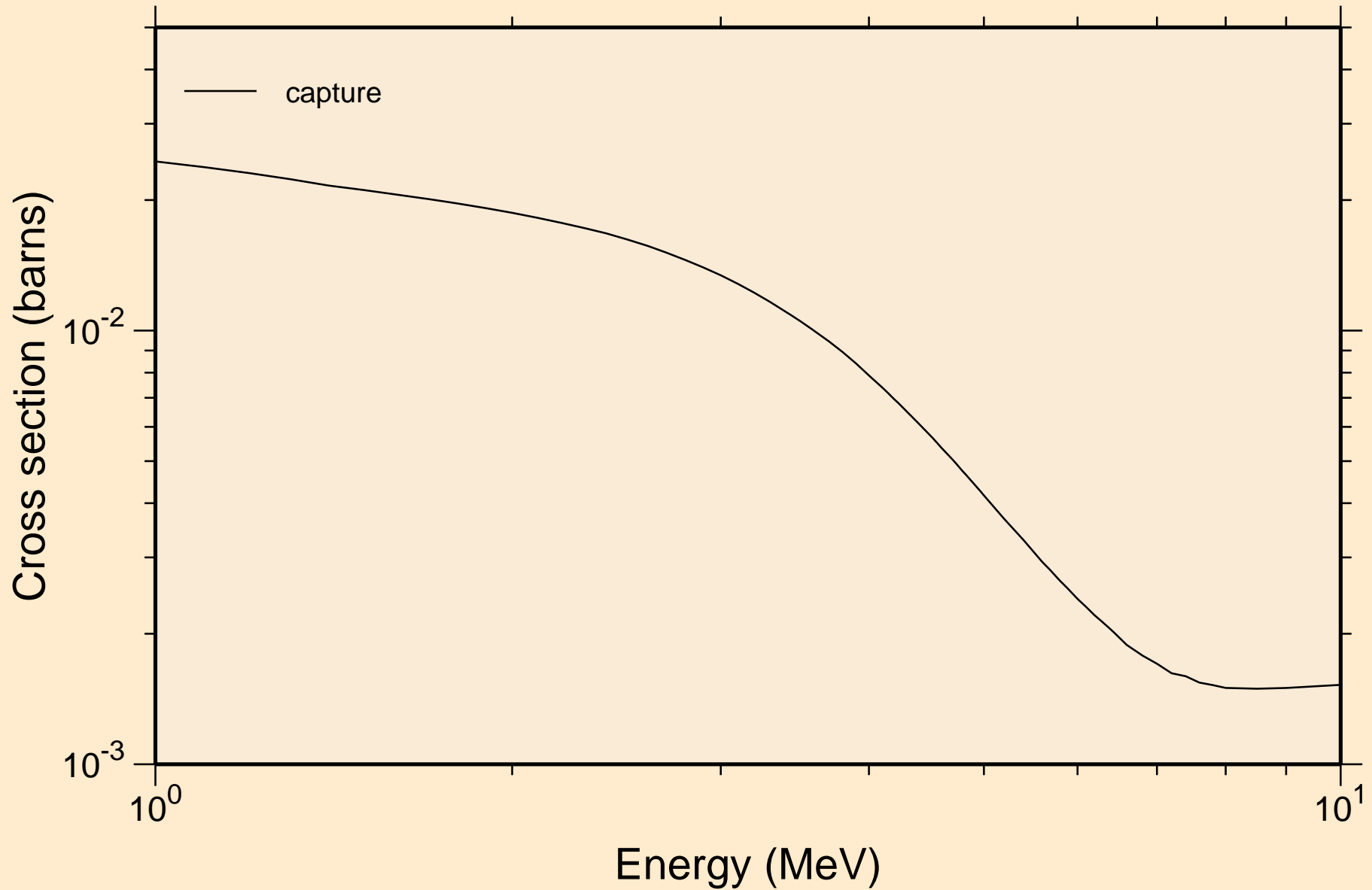
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



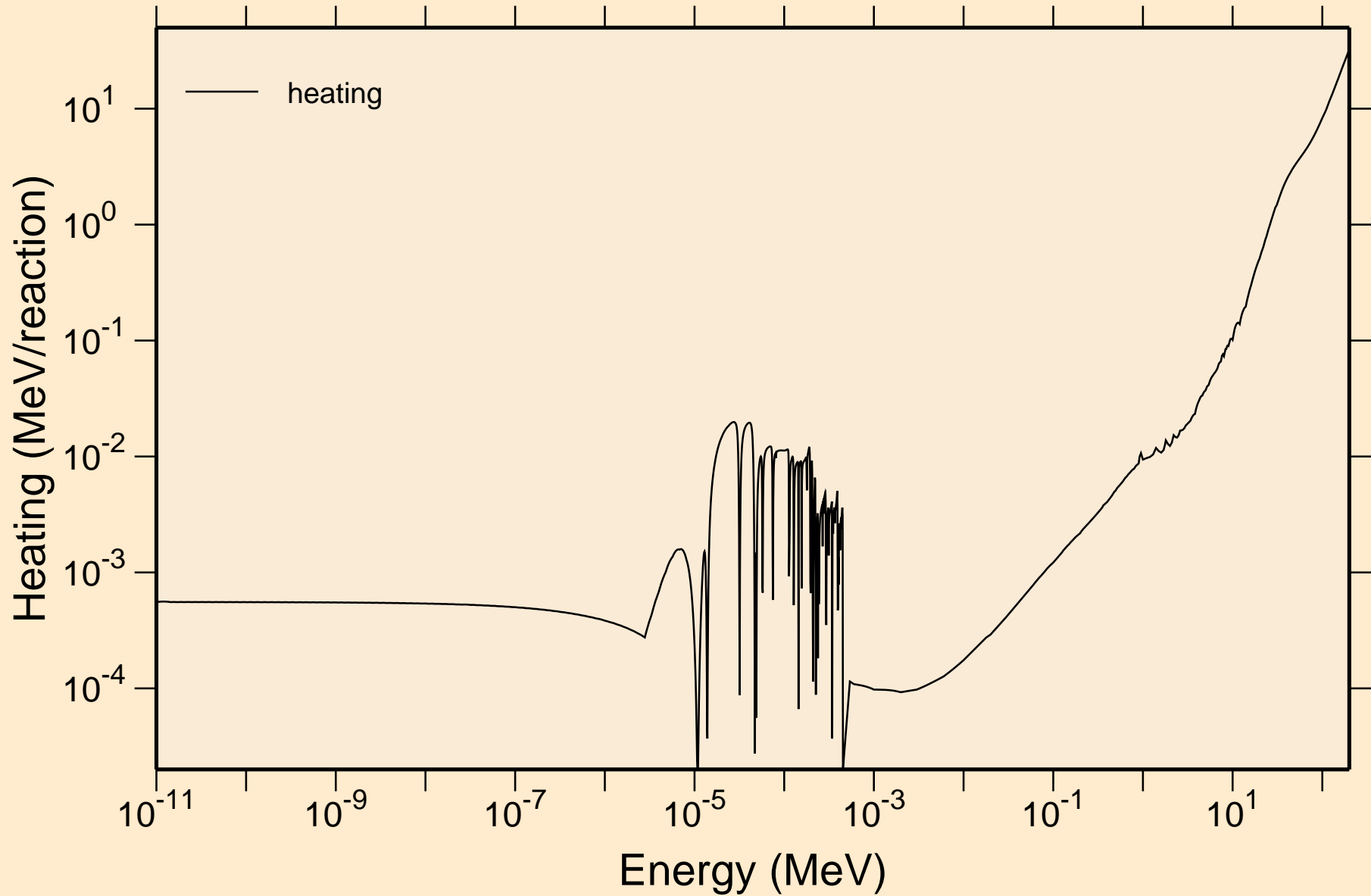
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



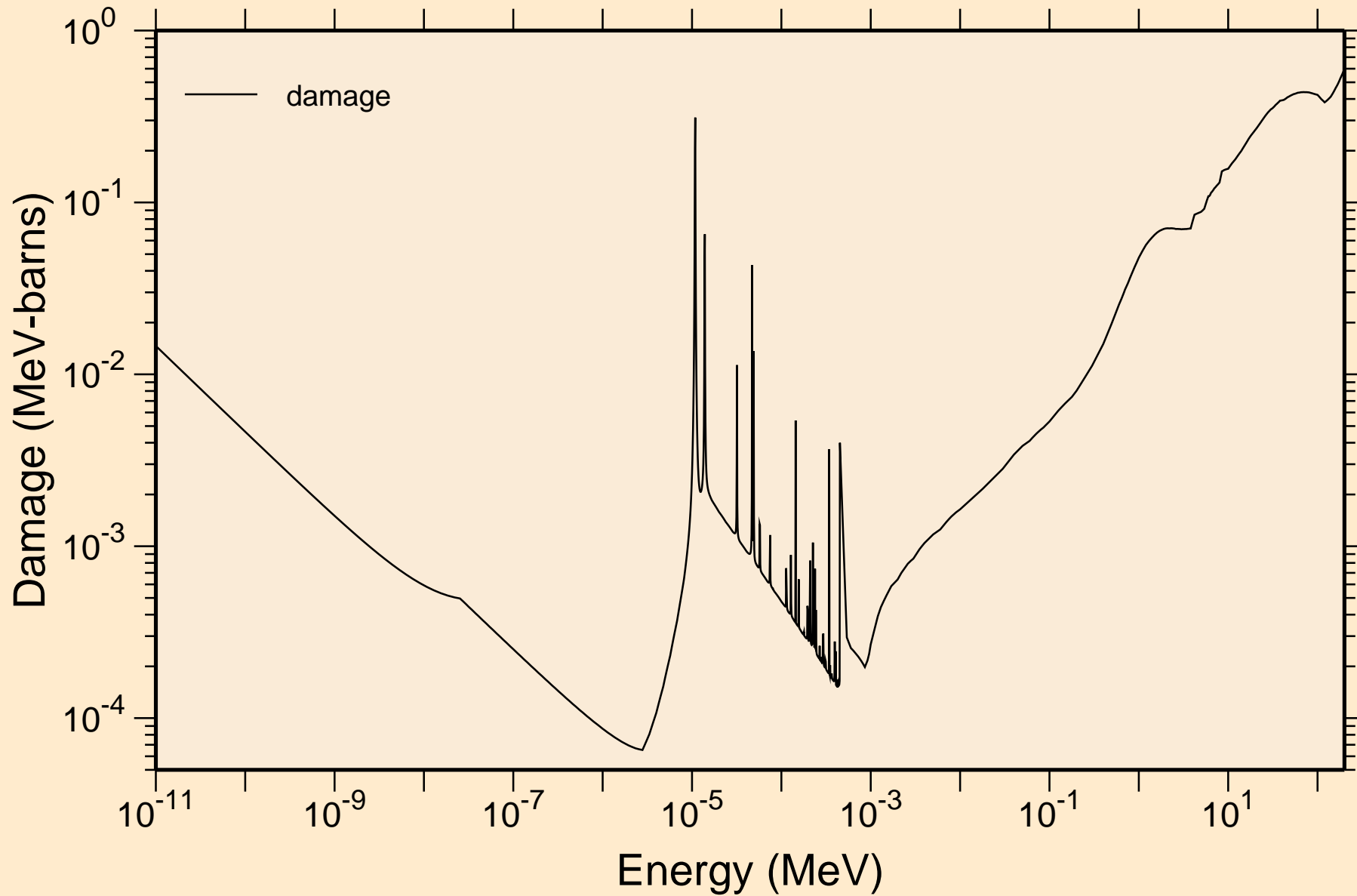


# PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

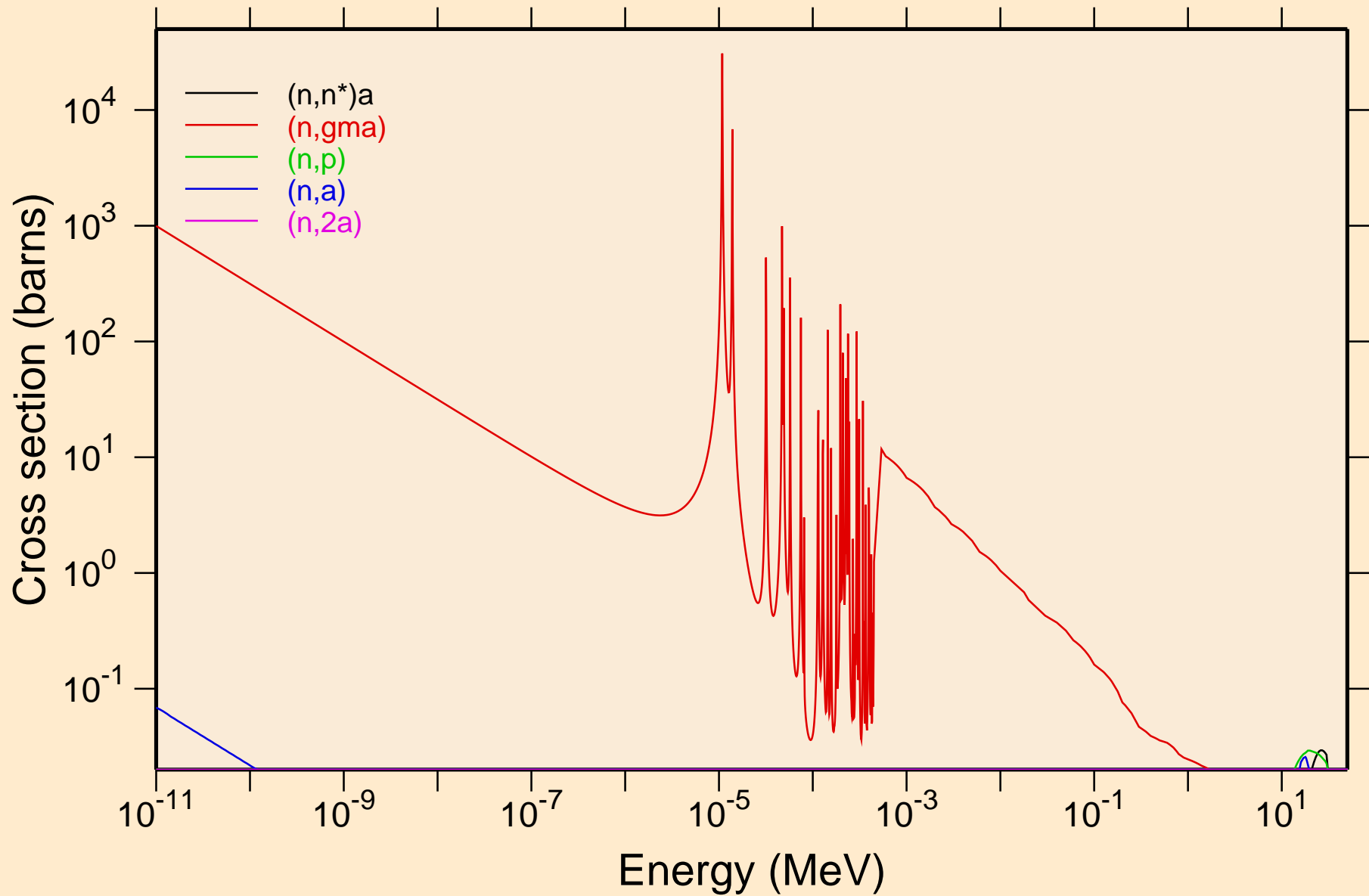
## Heating



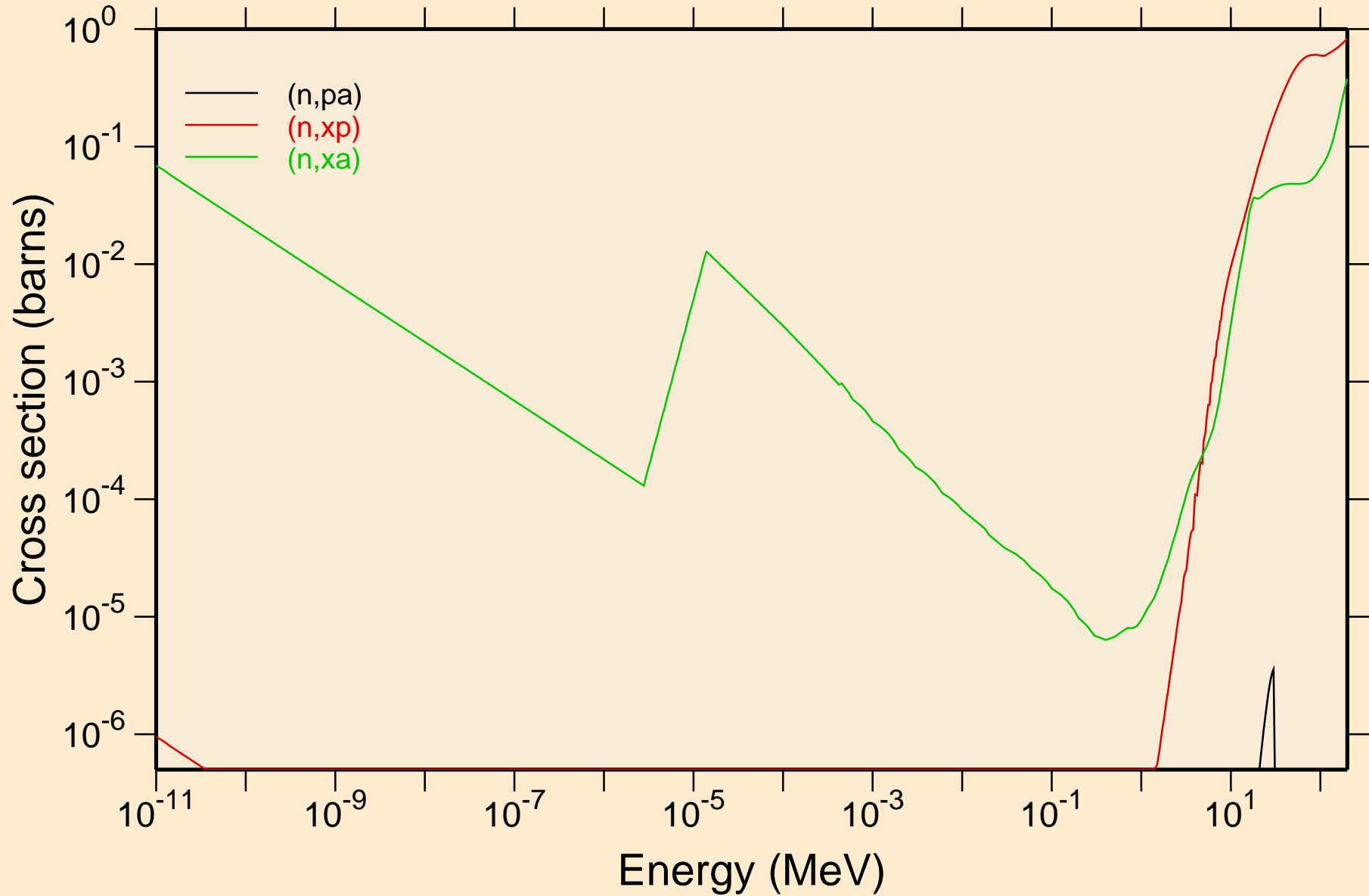
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



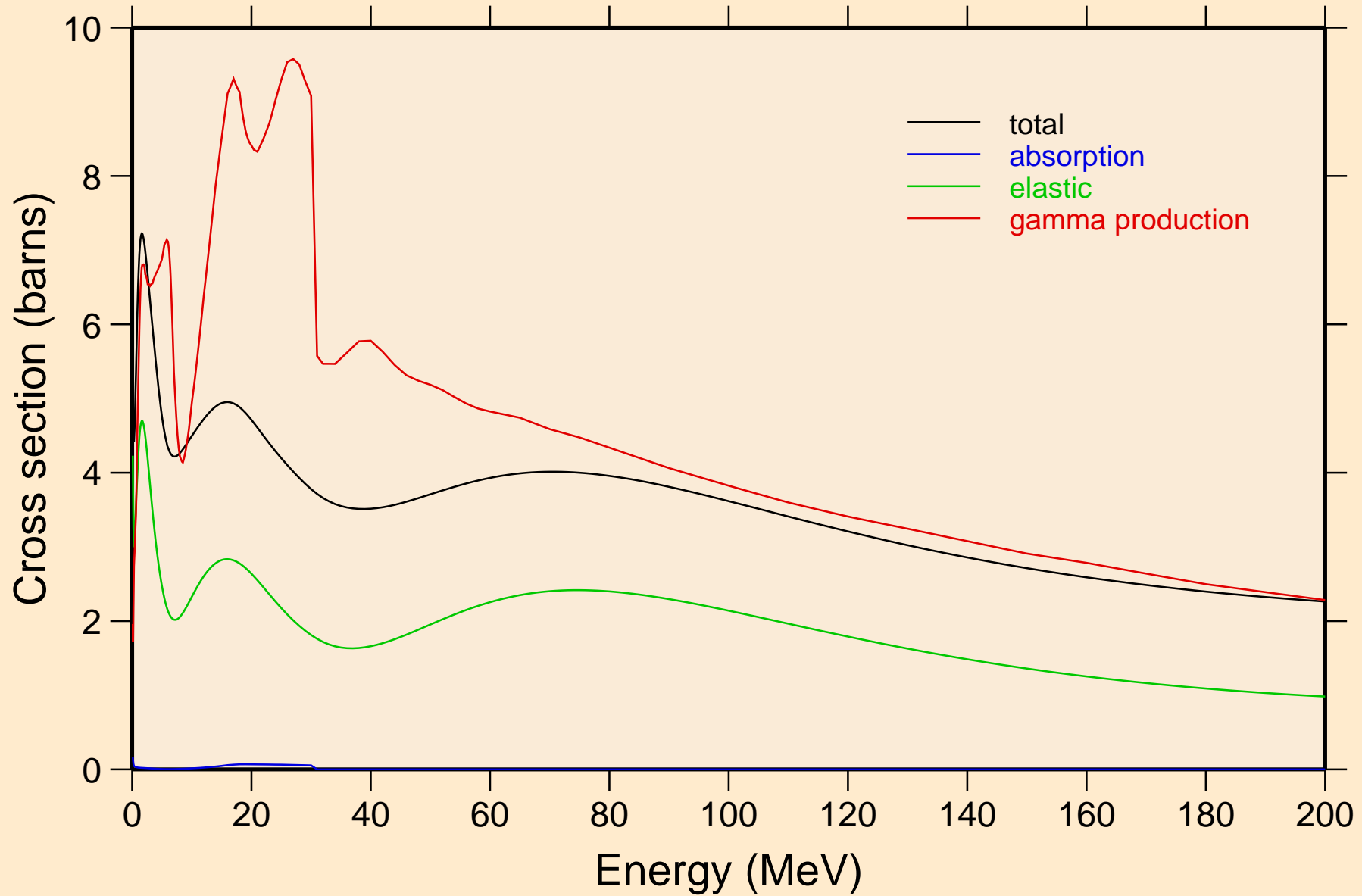
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

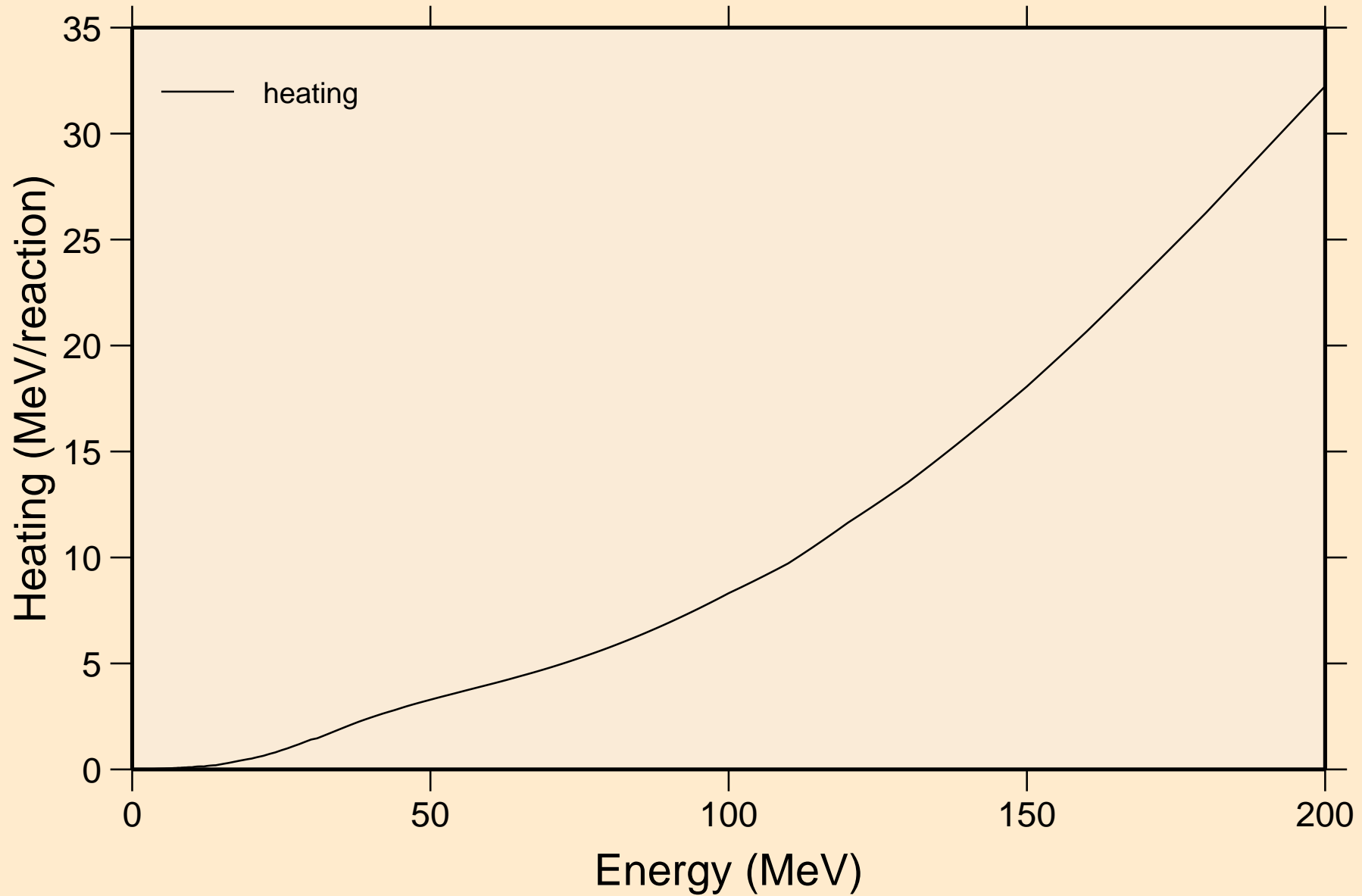


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

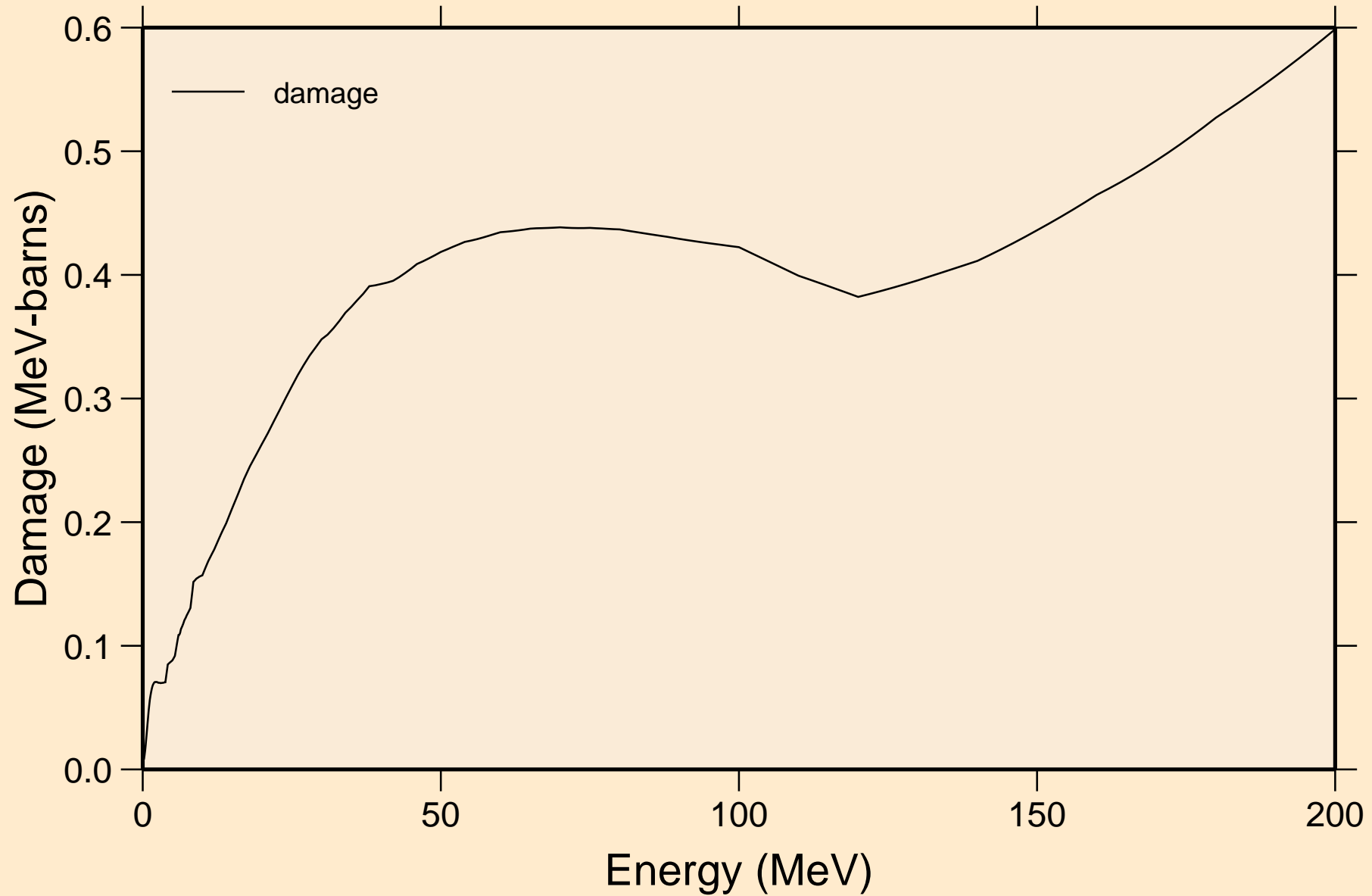


# PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

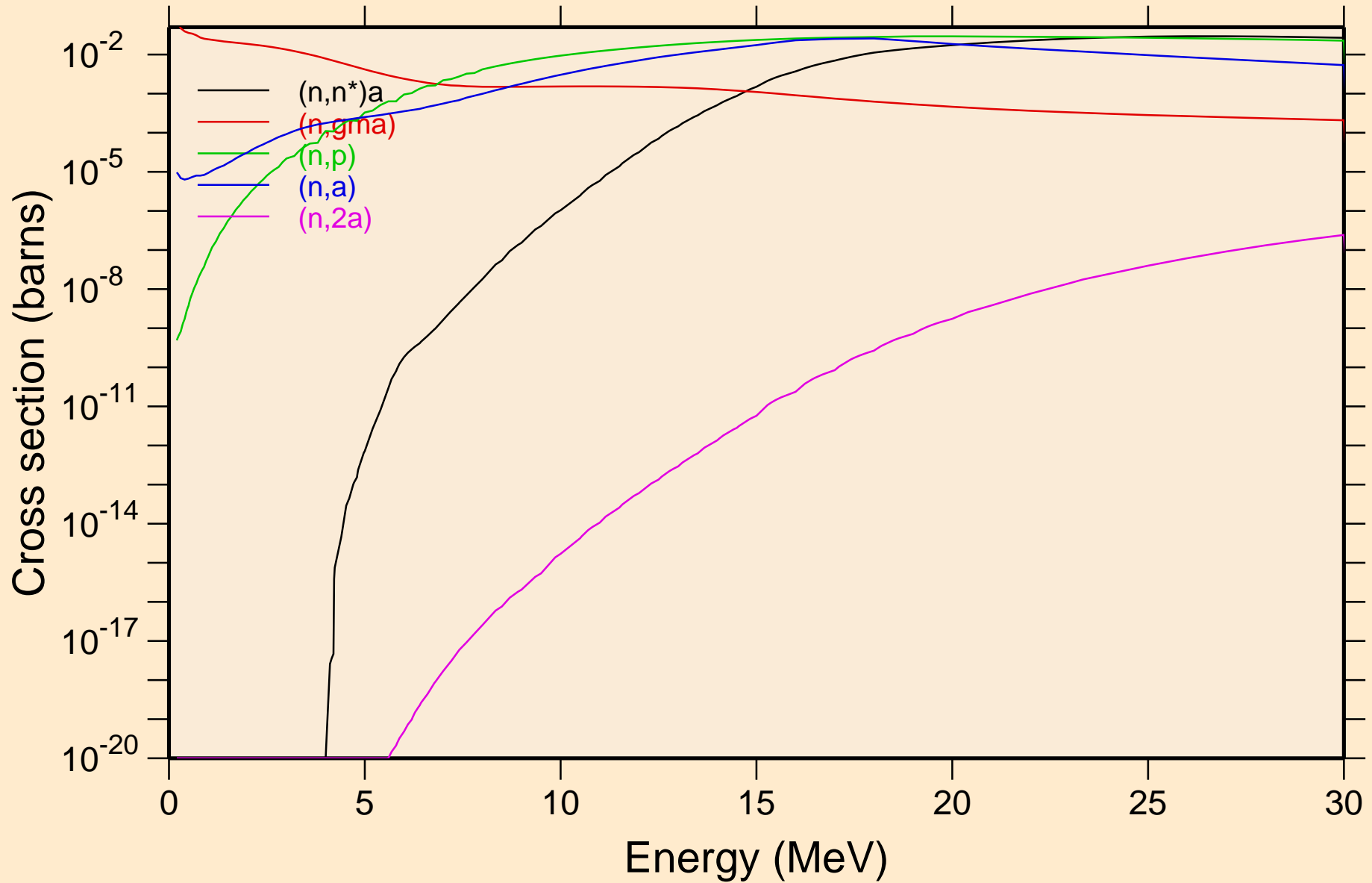
## Heating



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

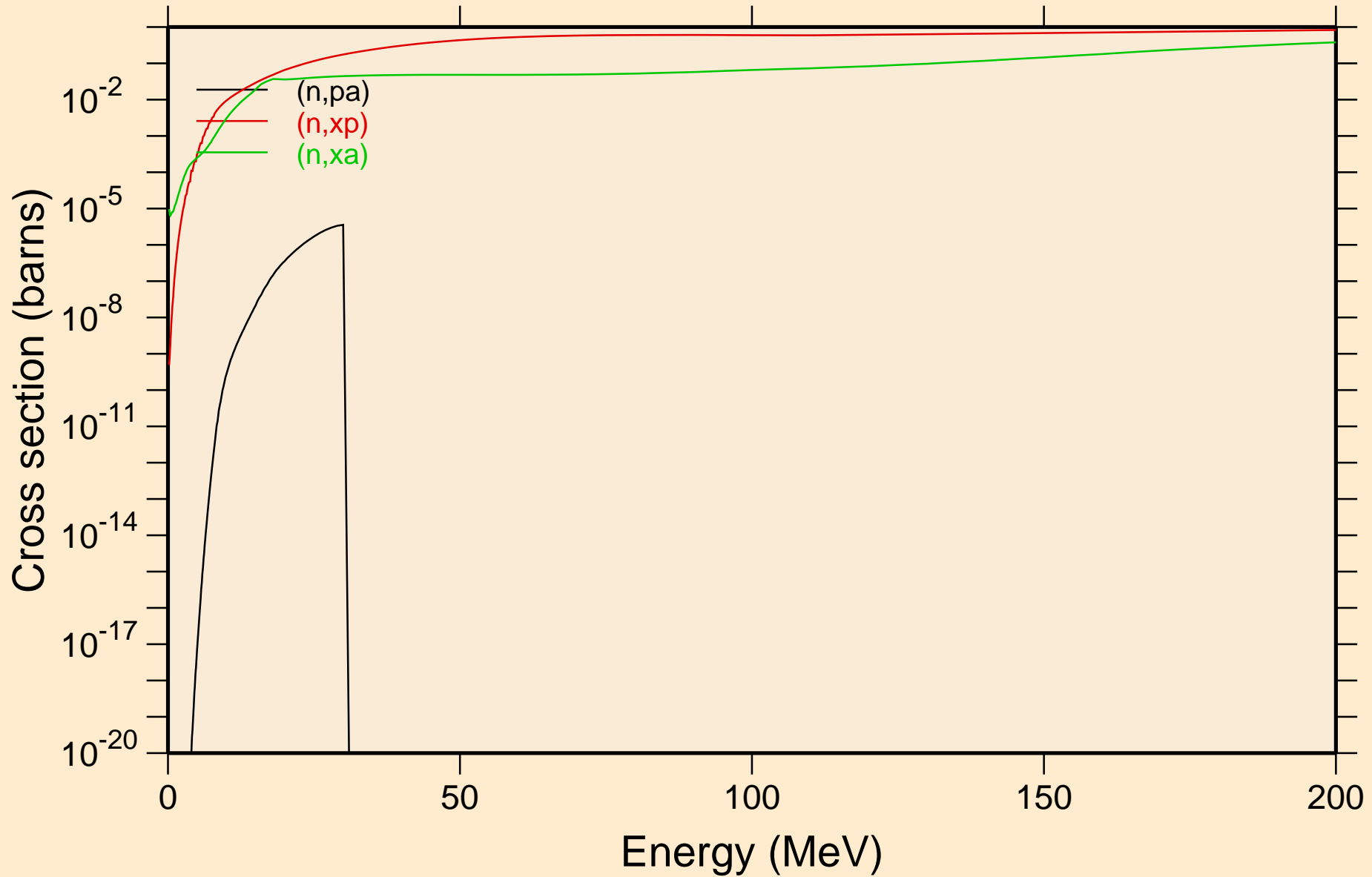


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

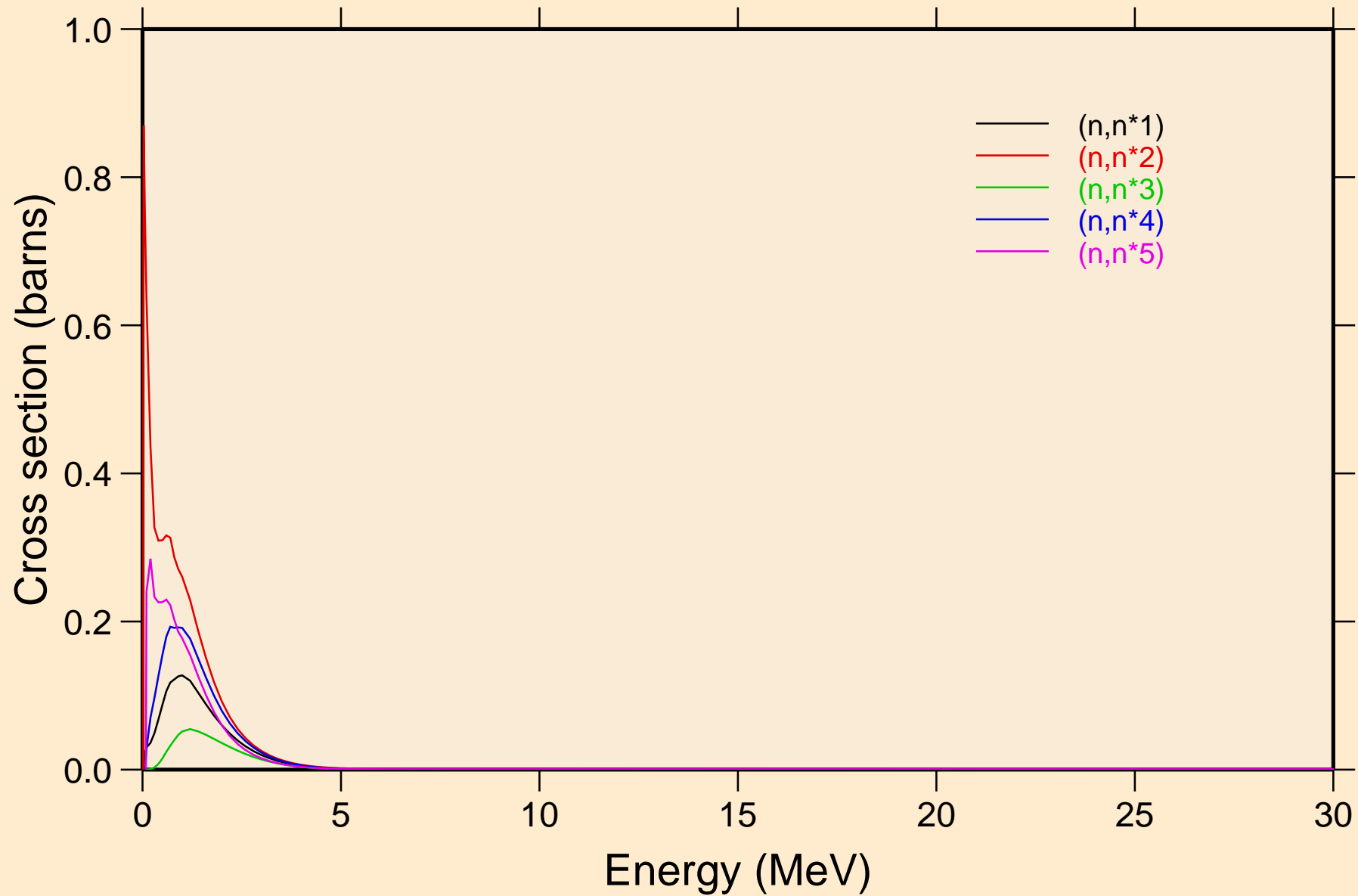




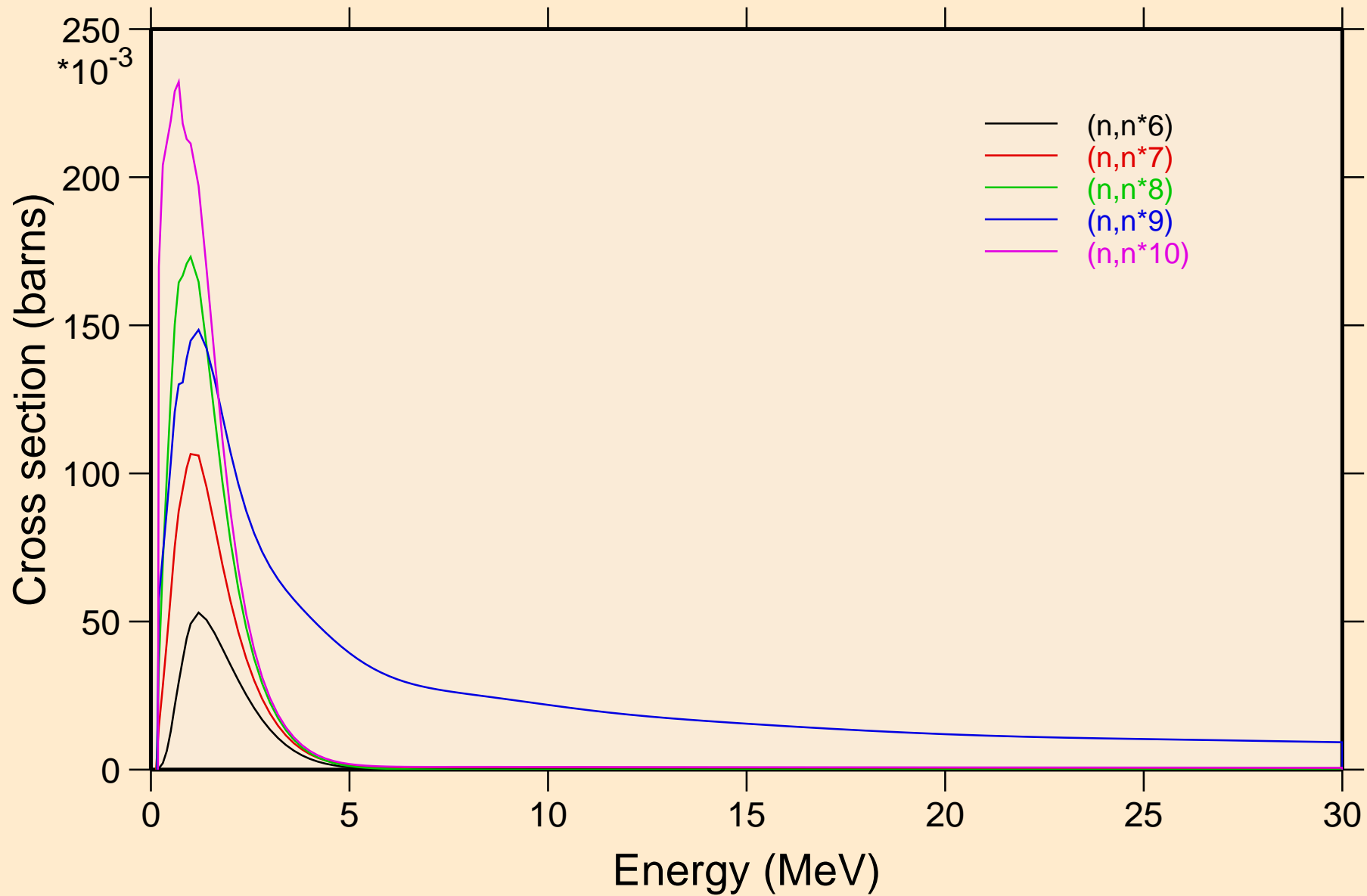
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



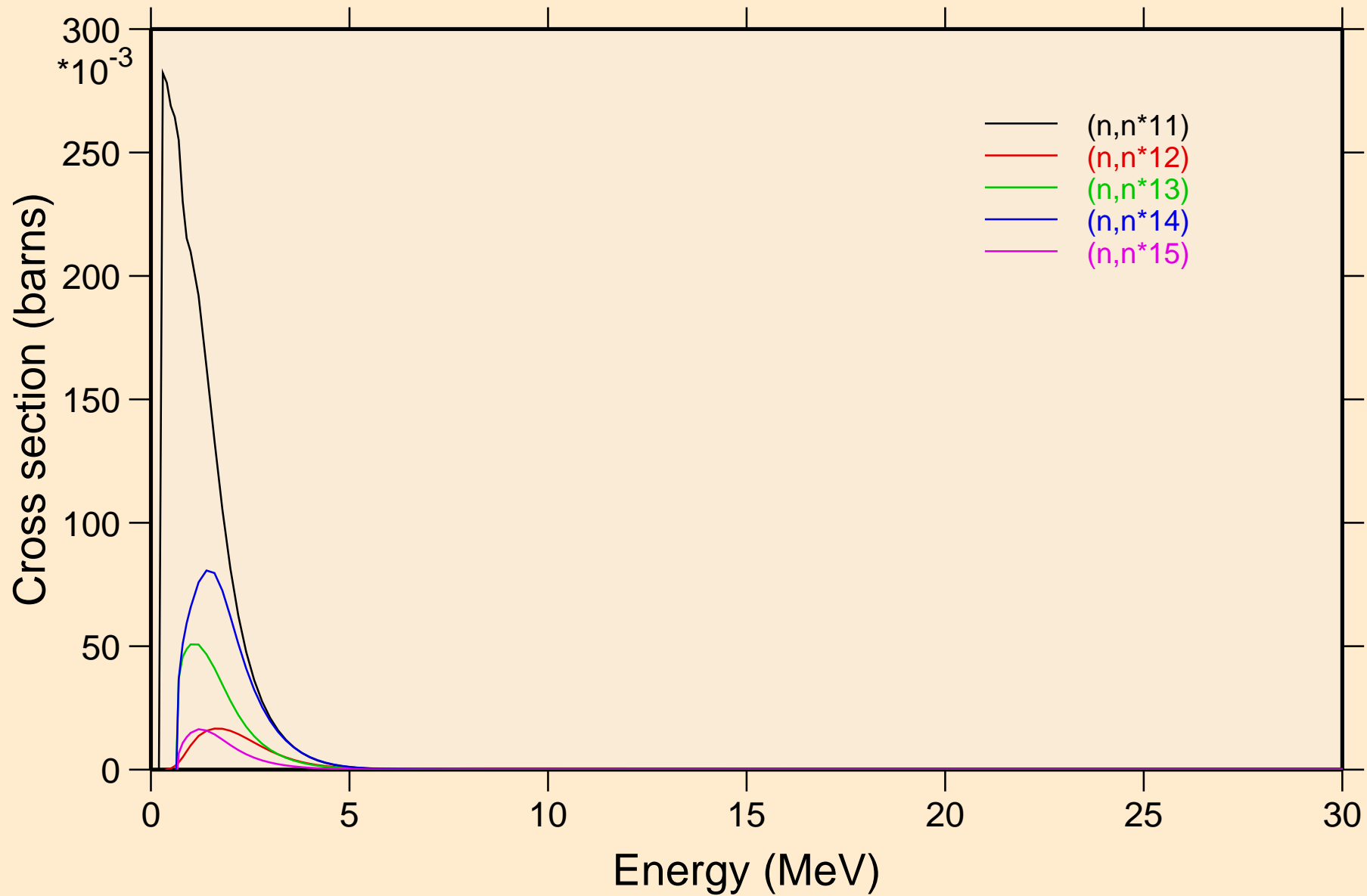
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



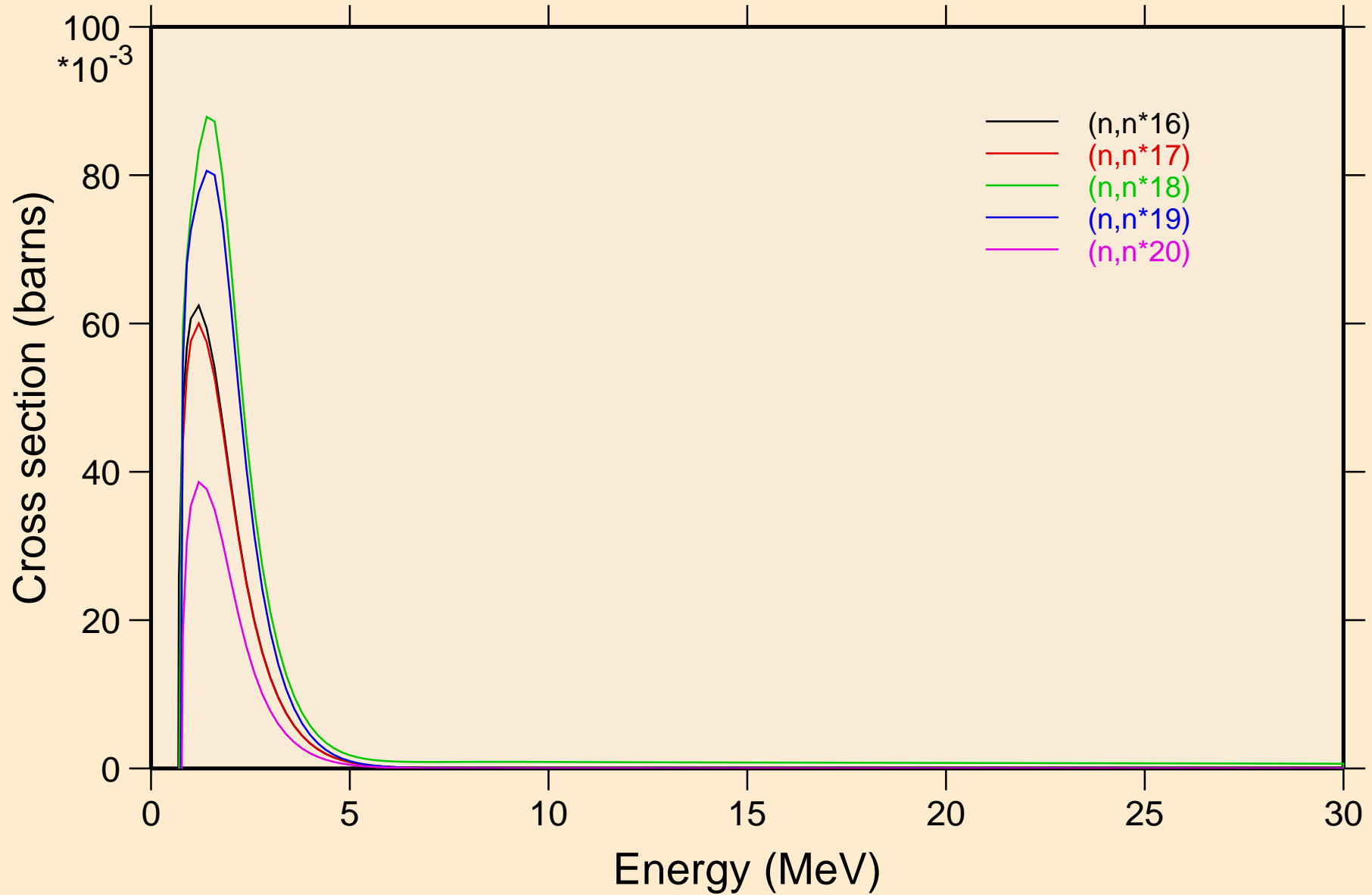
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



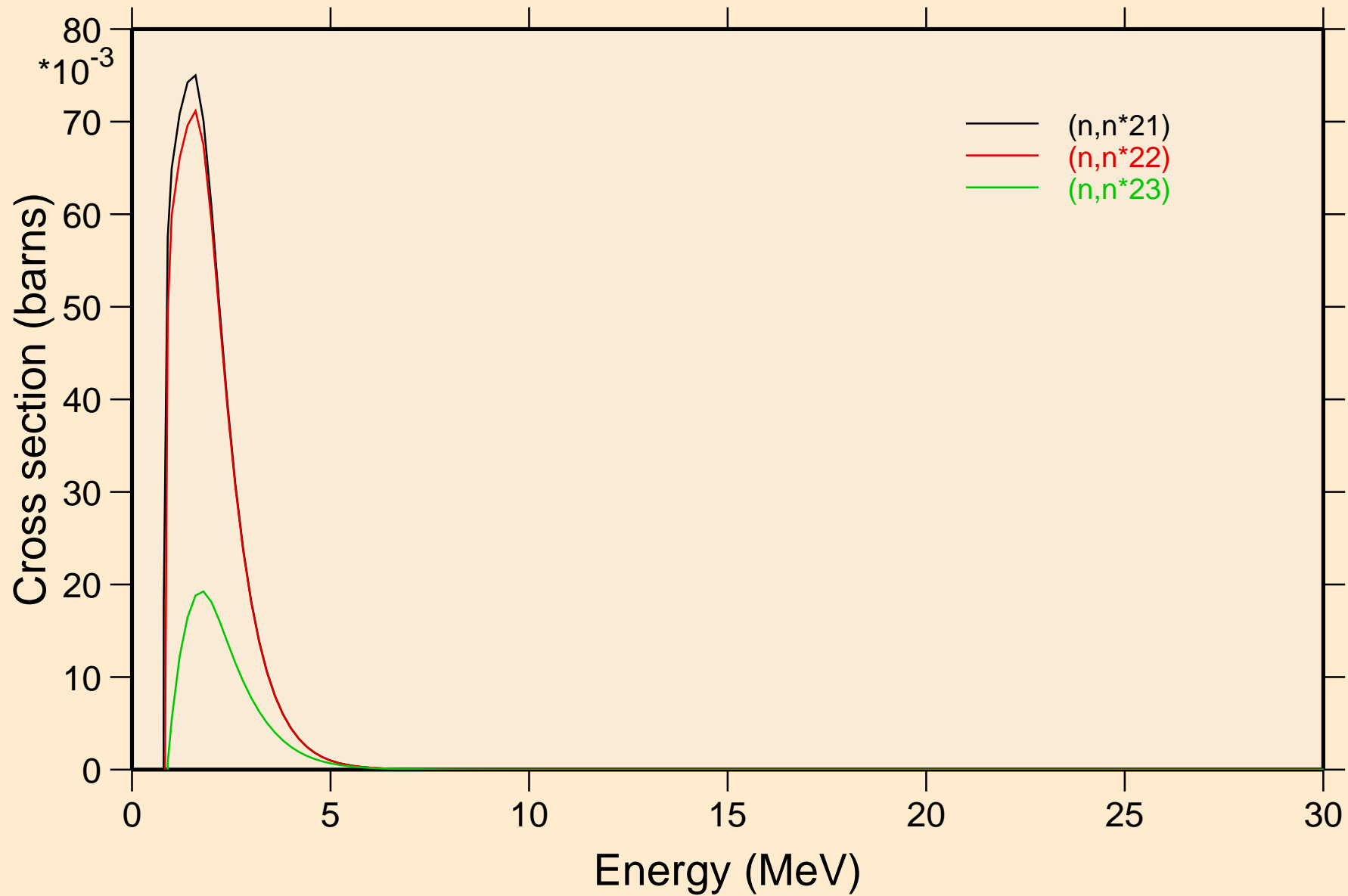
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



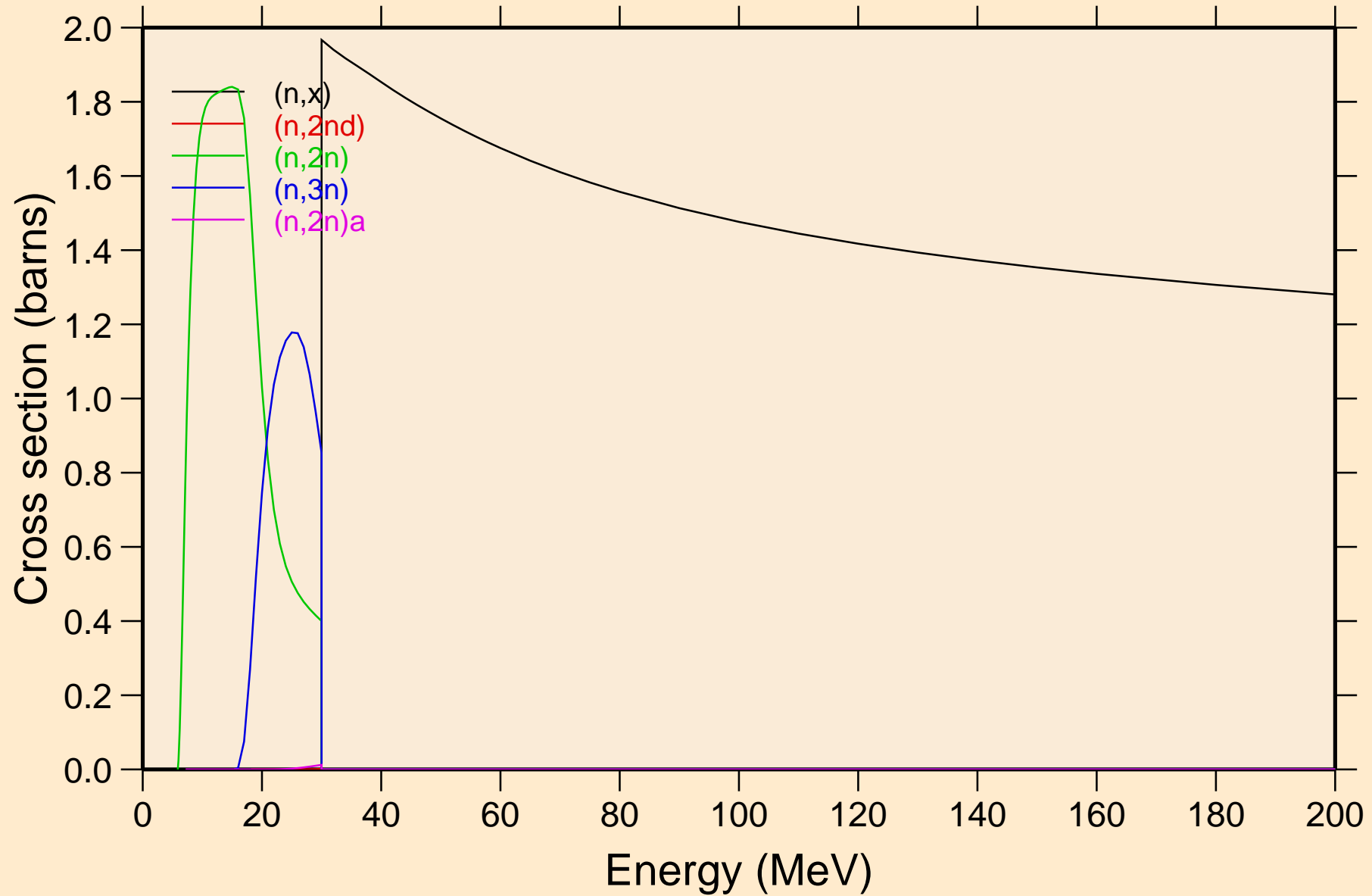
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



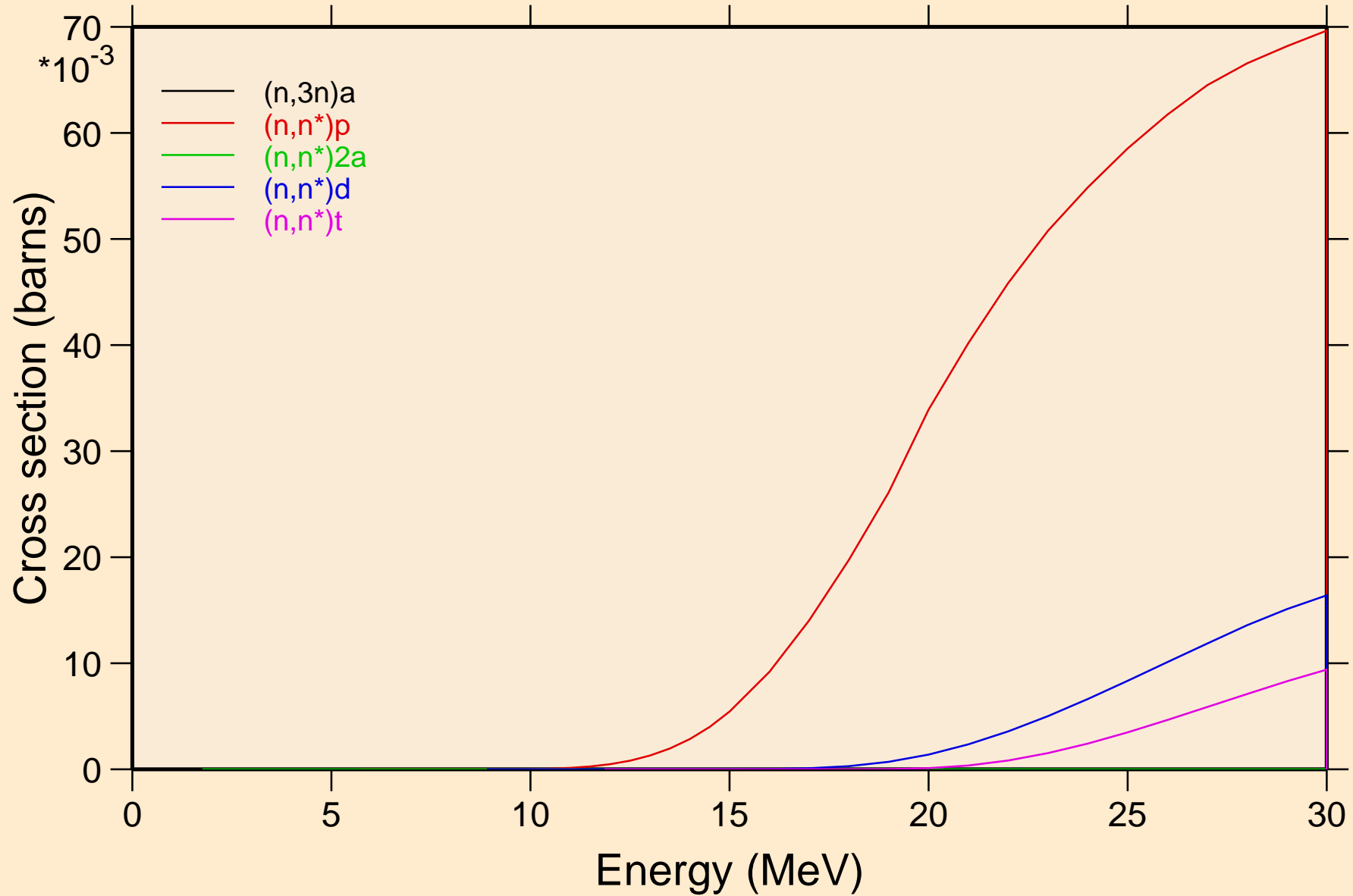
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

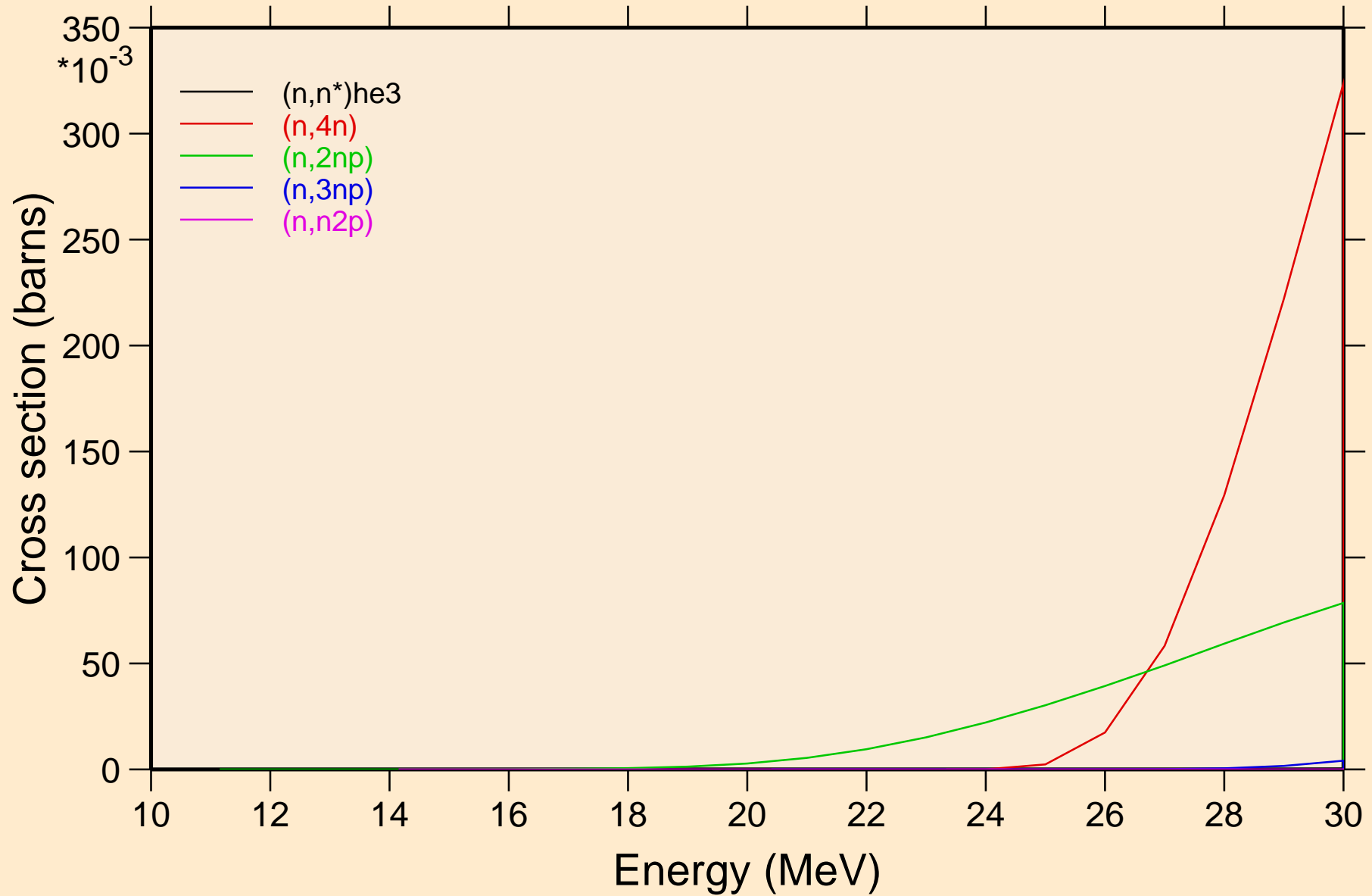


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

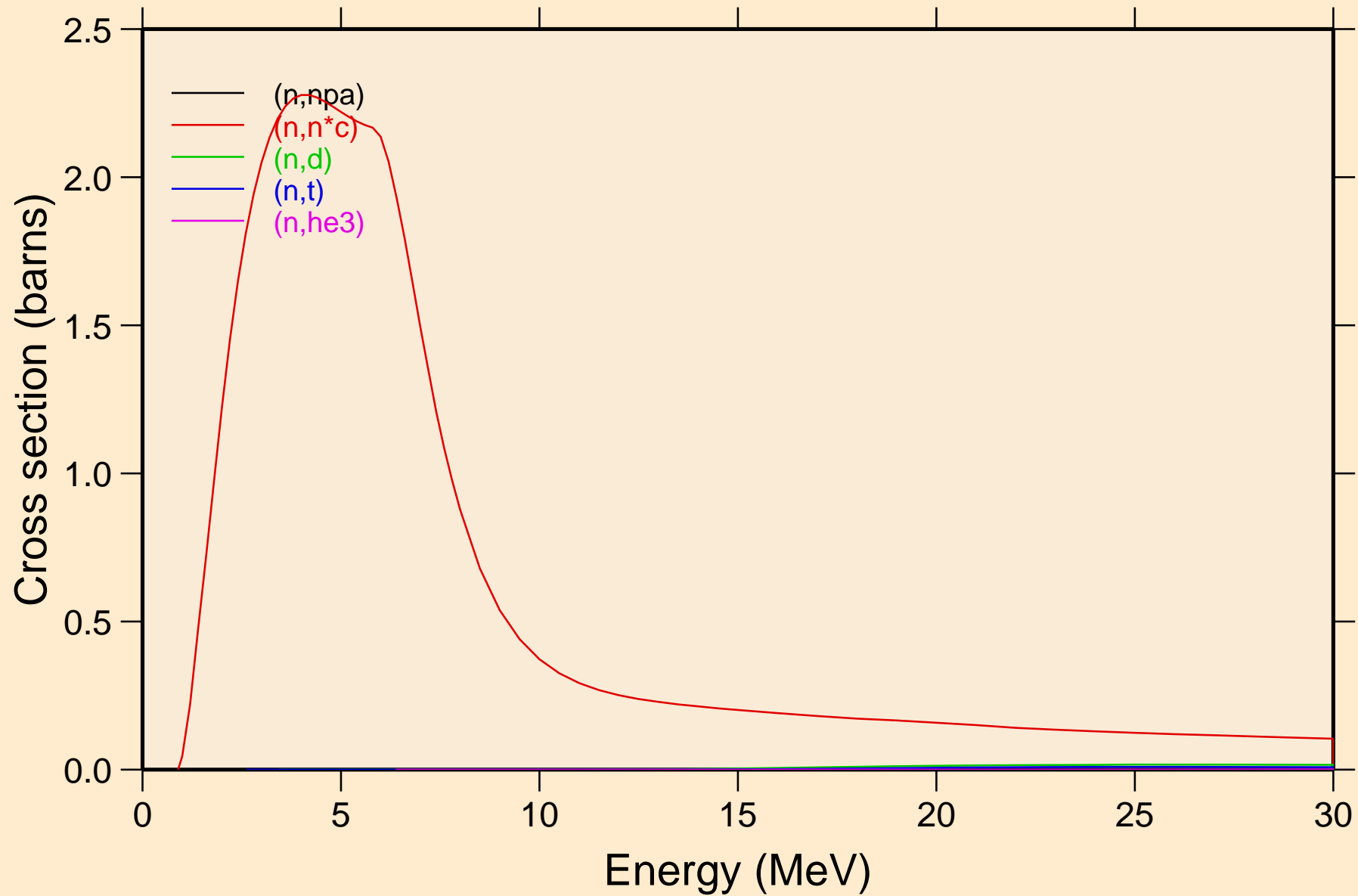




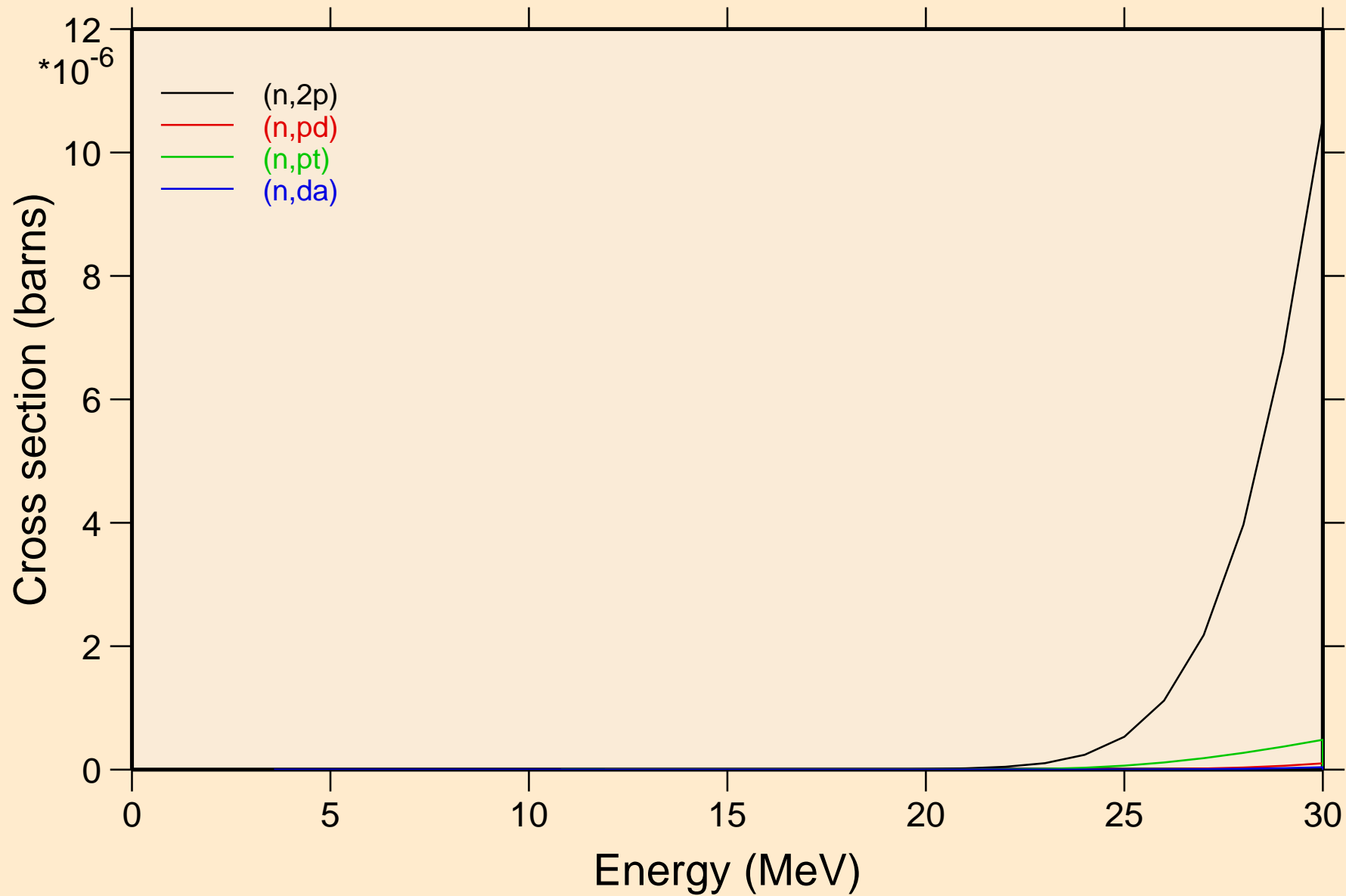
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



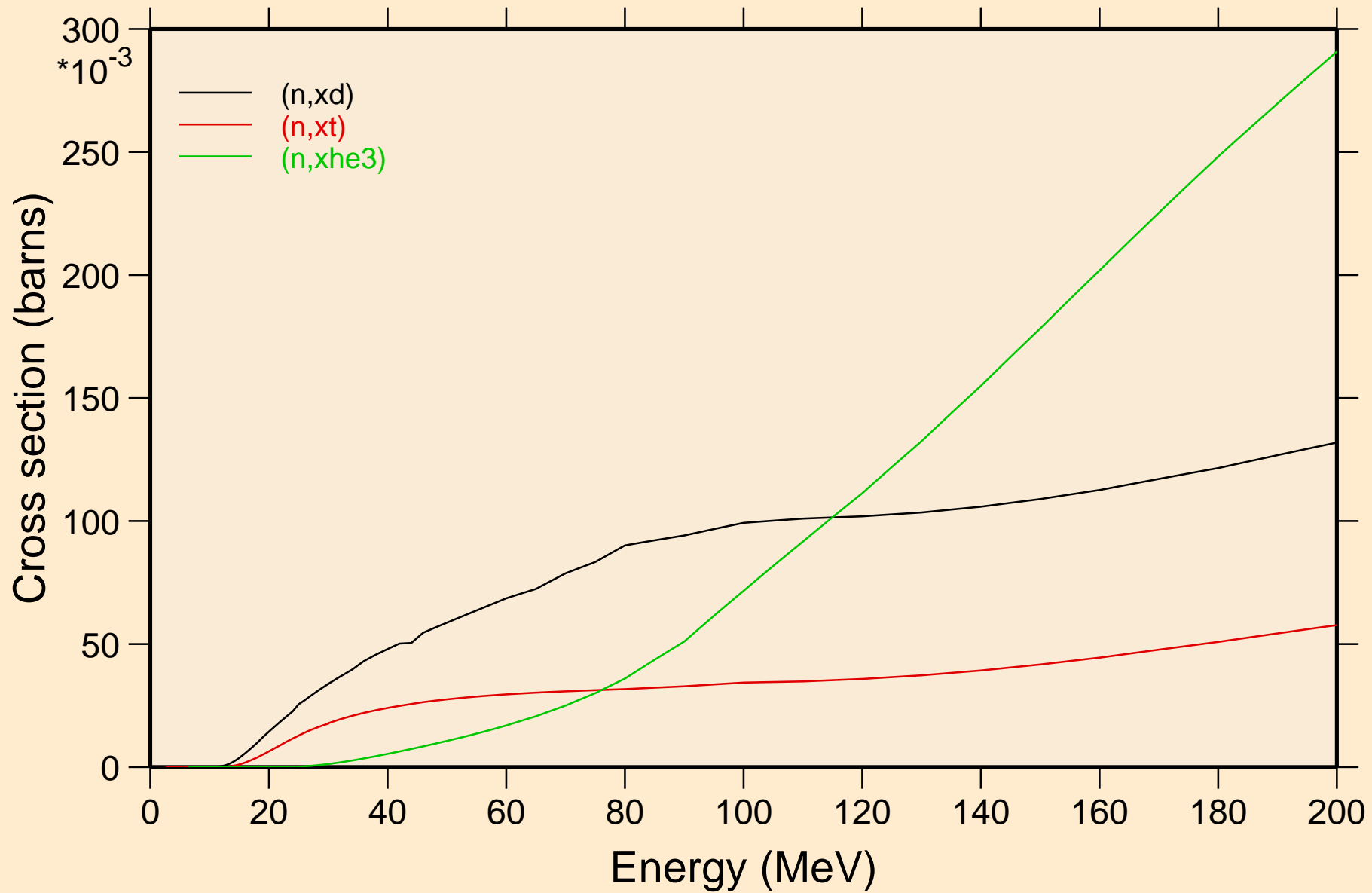
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



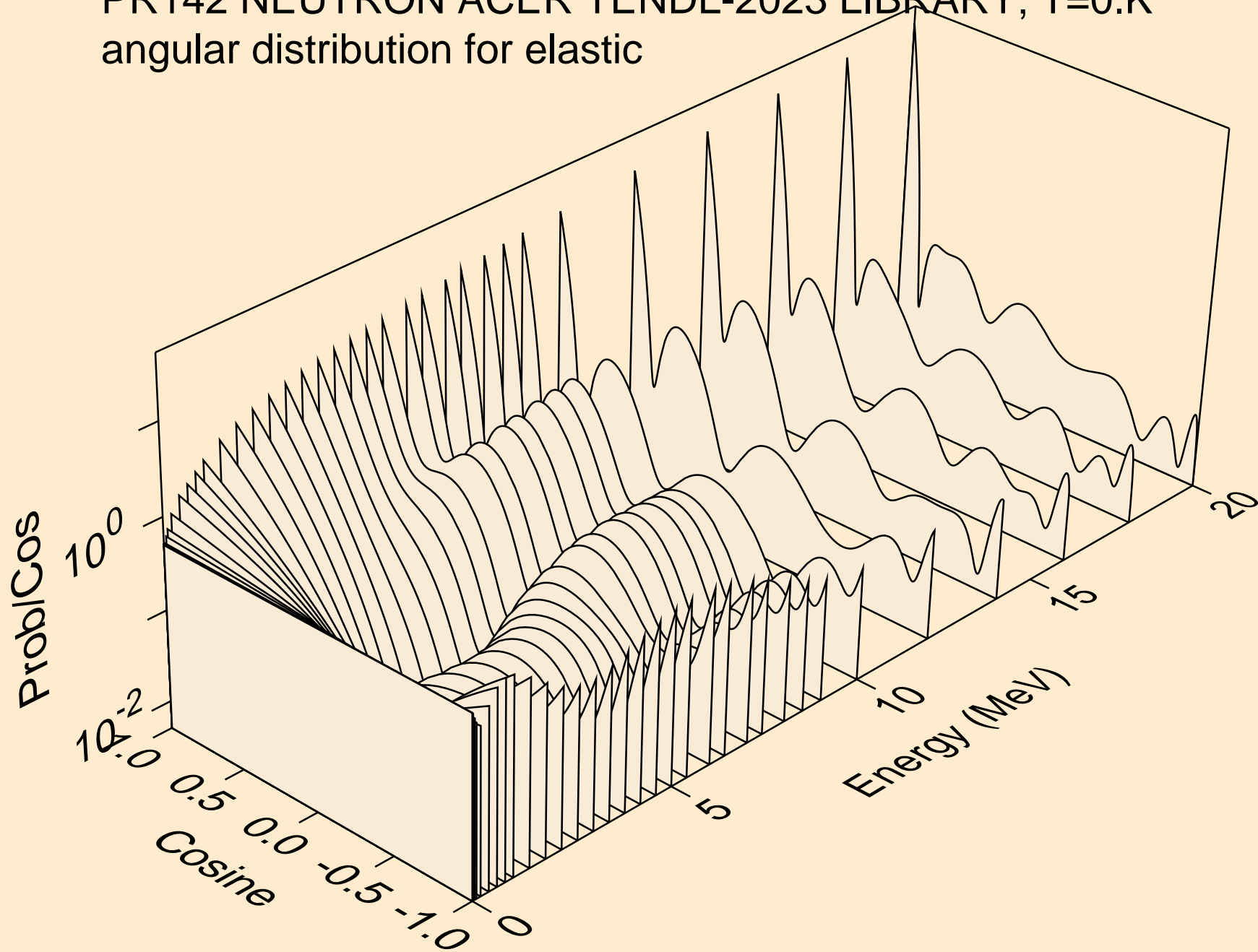
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



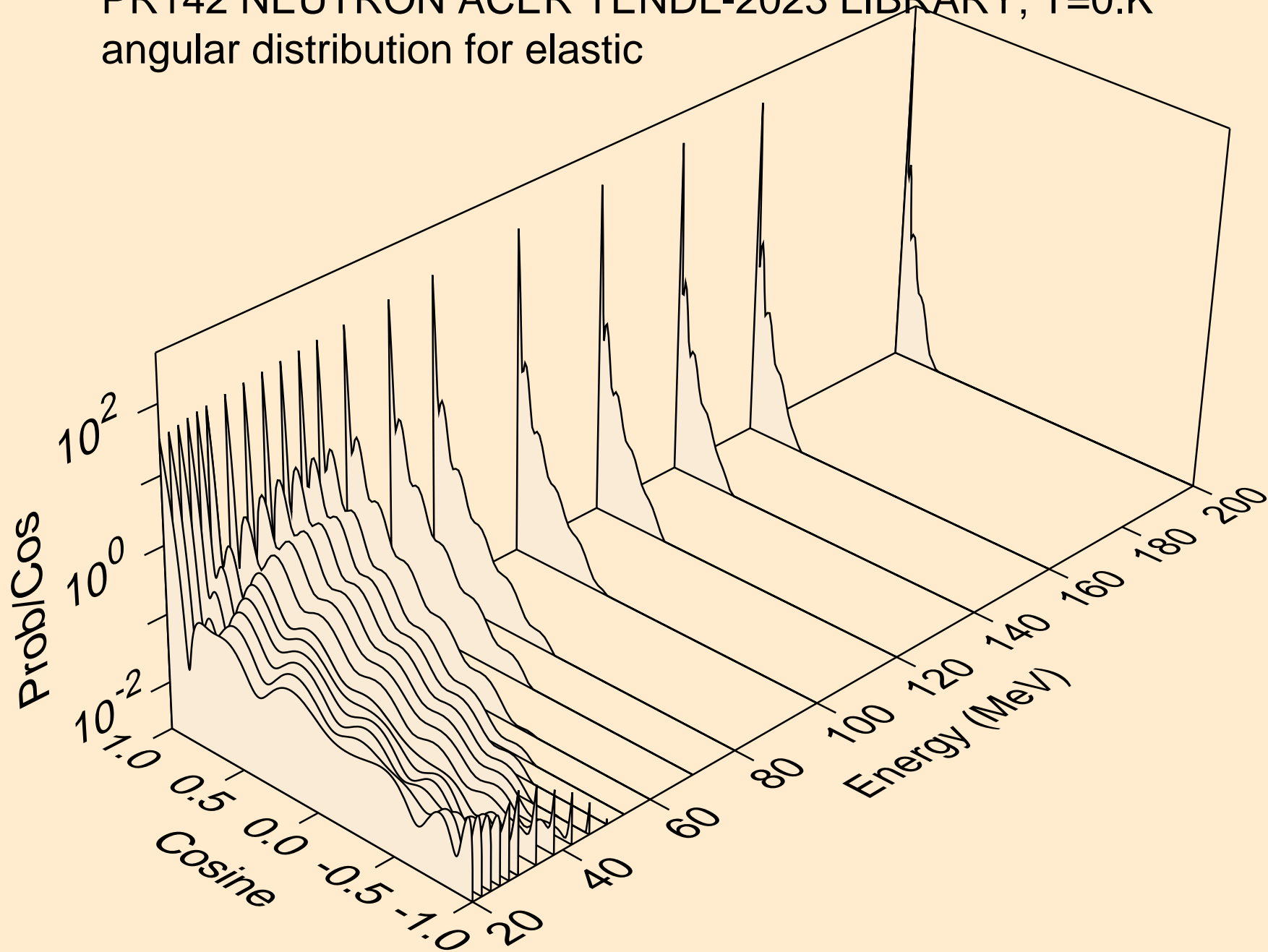
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



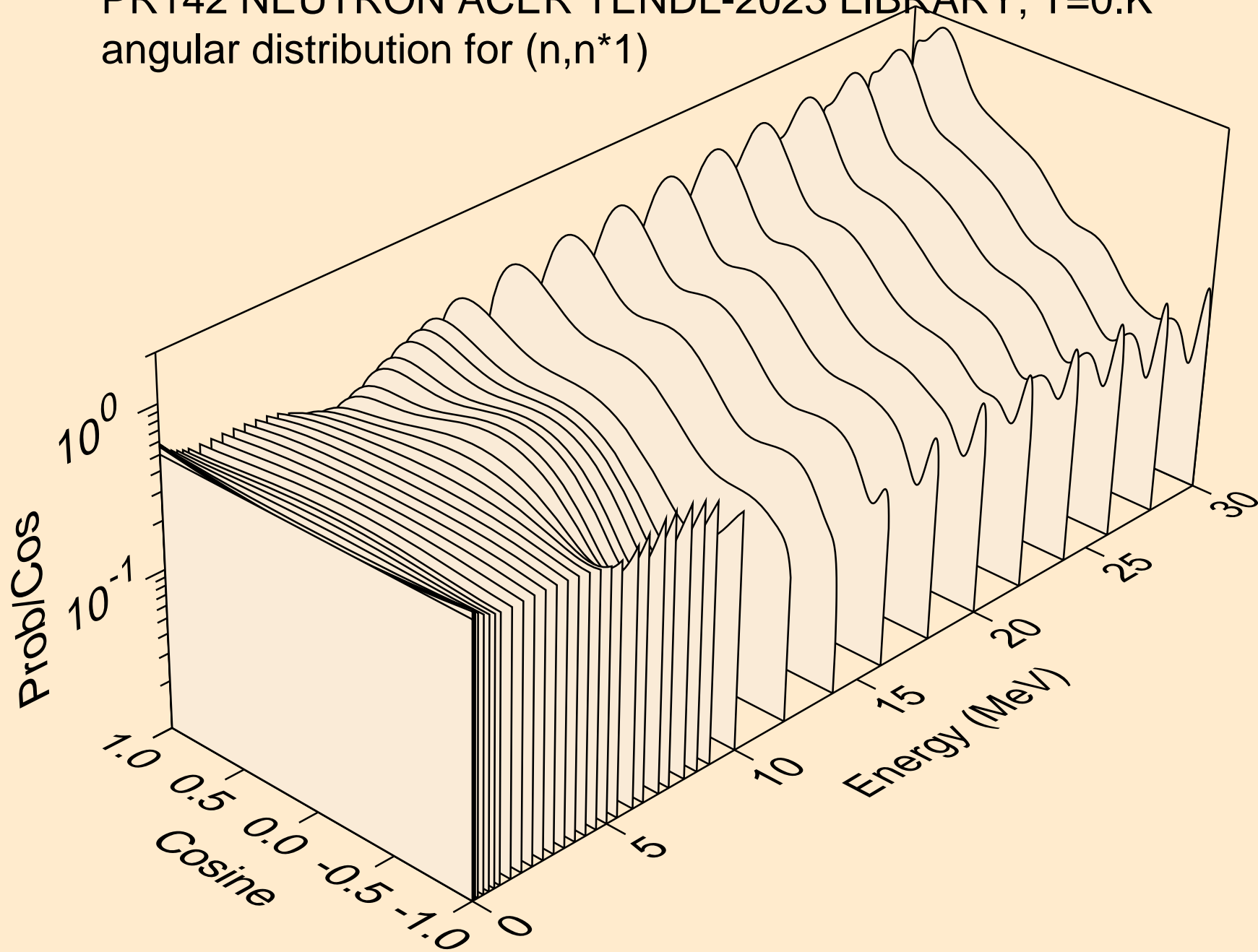
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



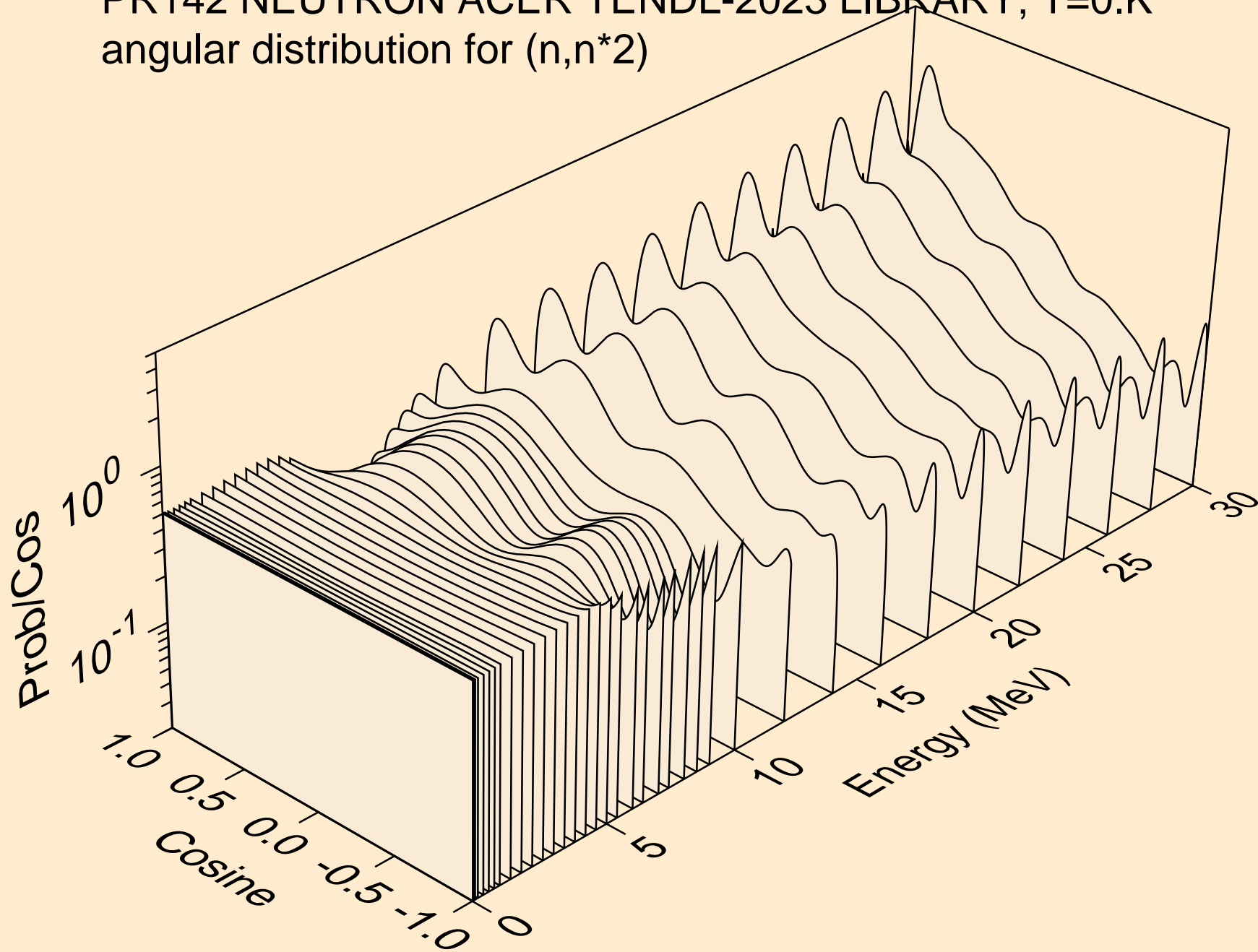
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

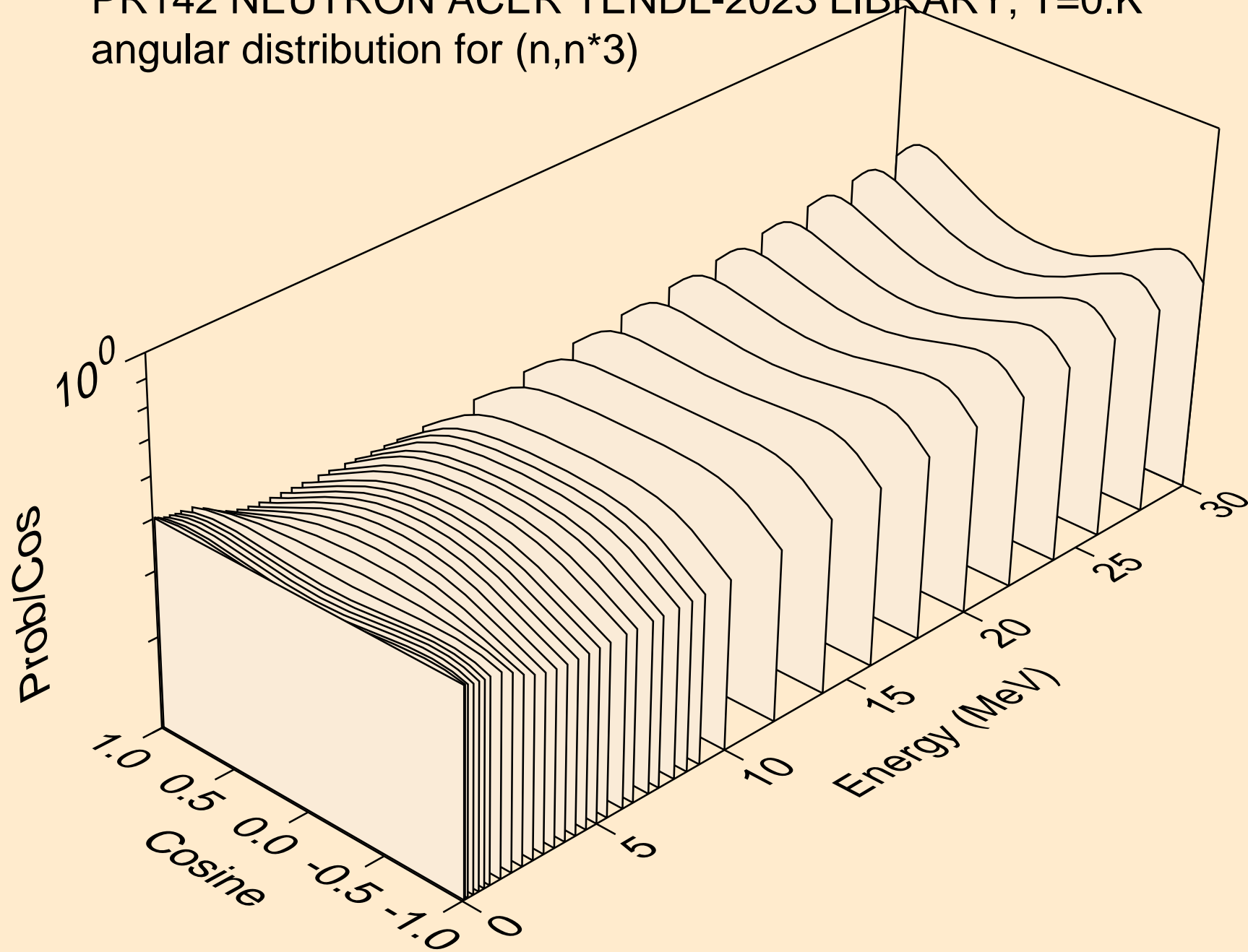


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

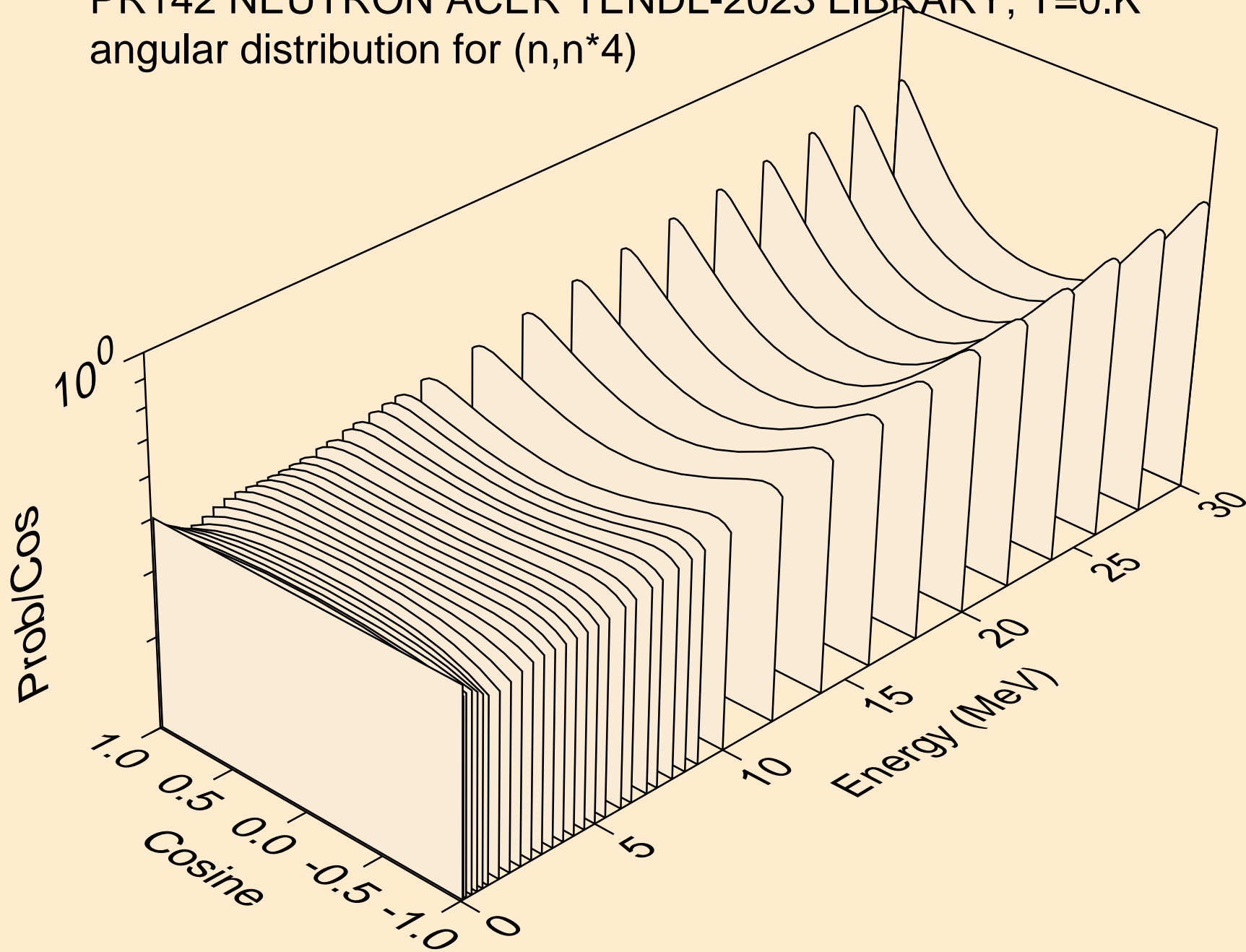




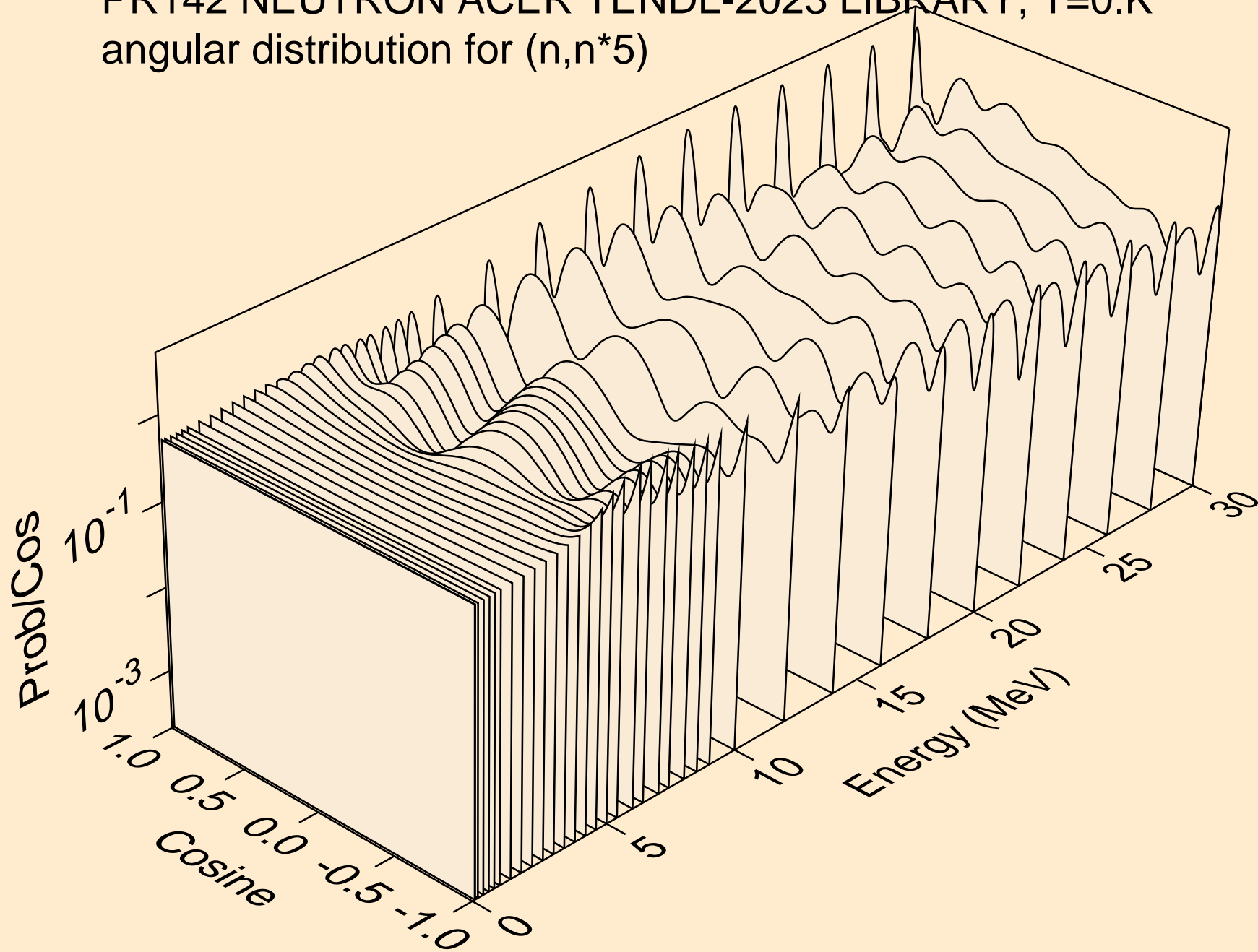
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



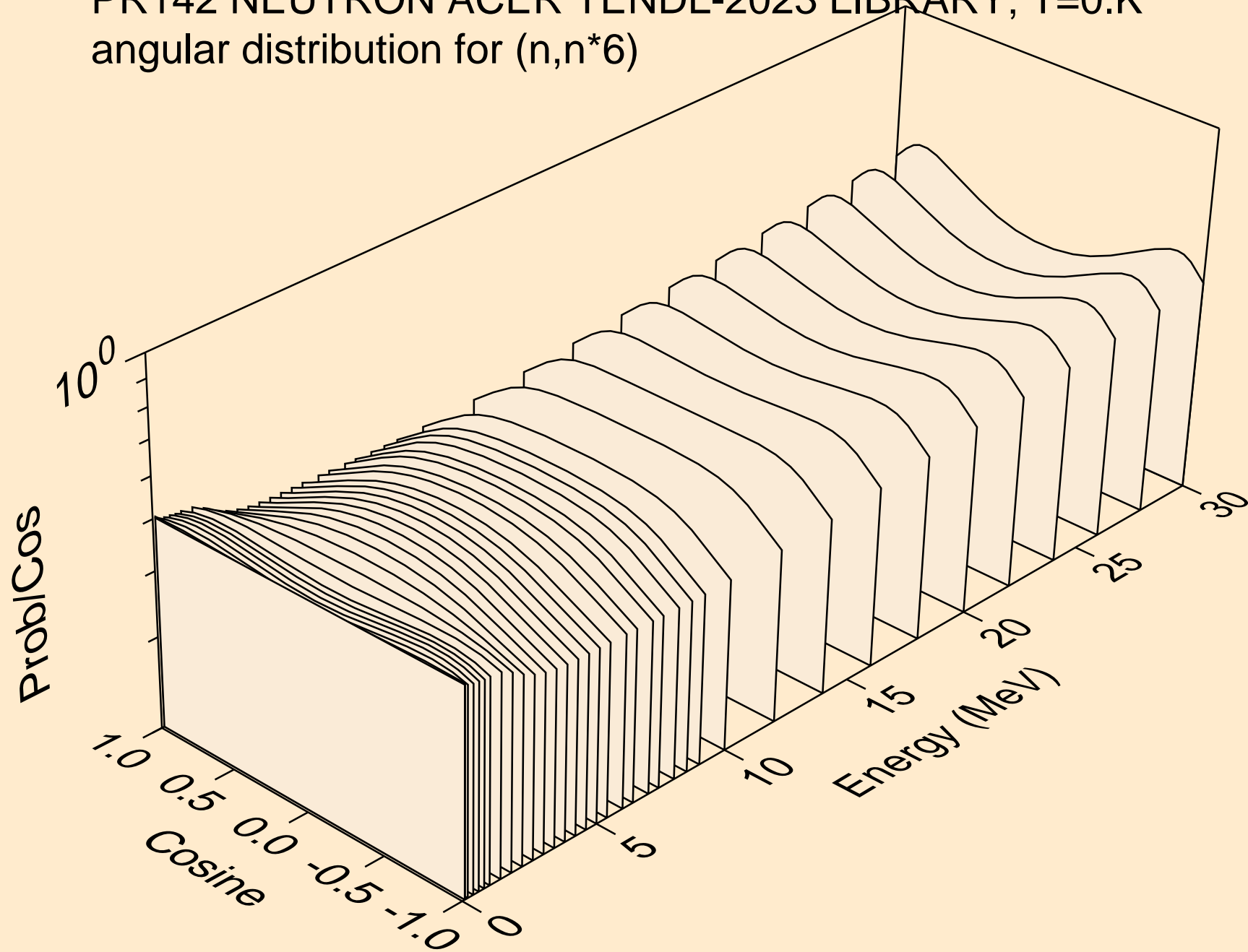
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



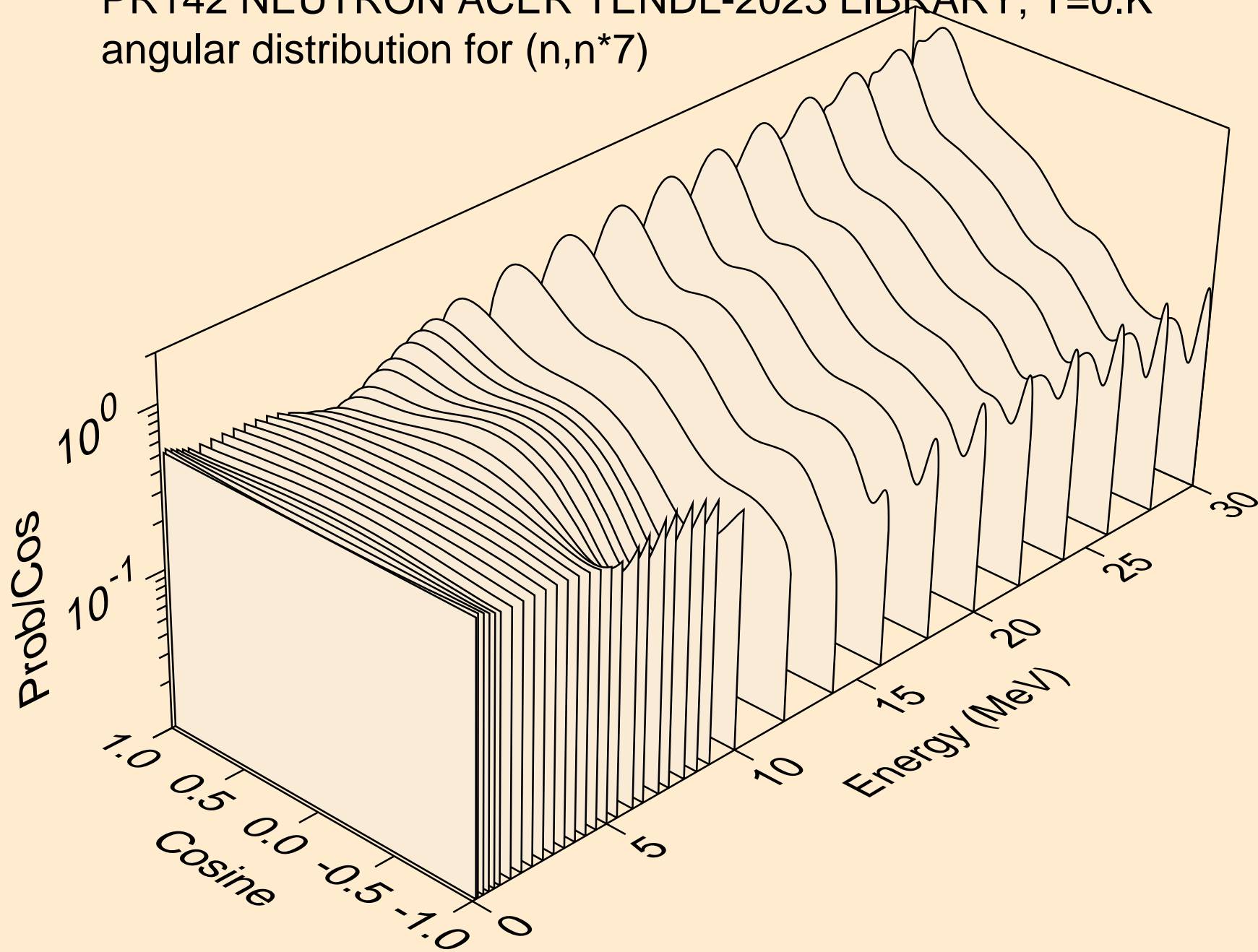
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



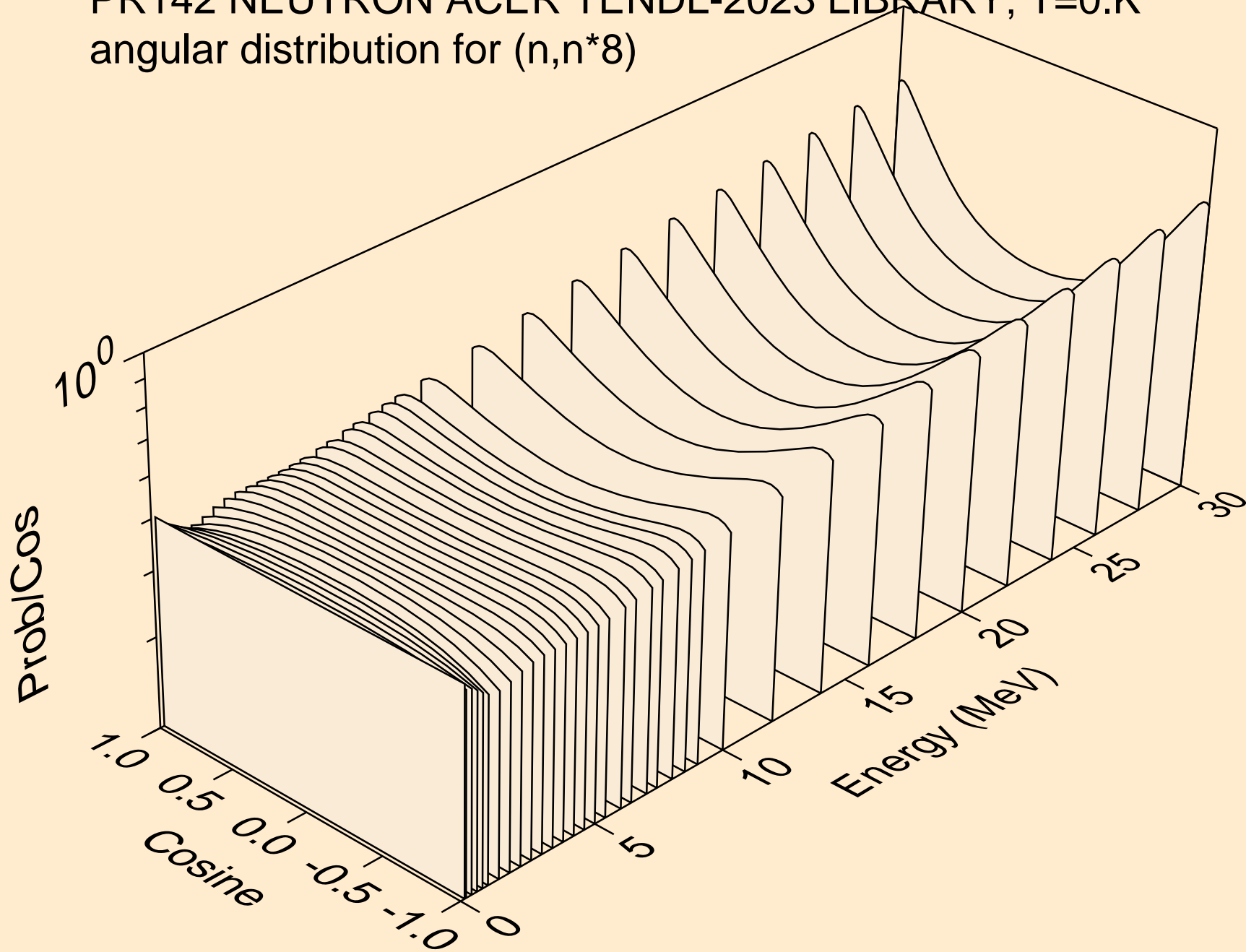
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



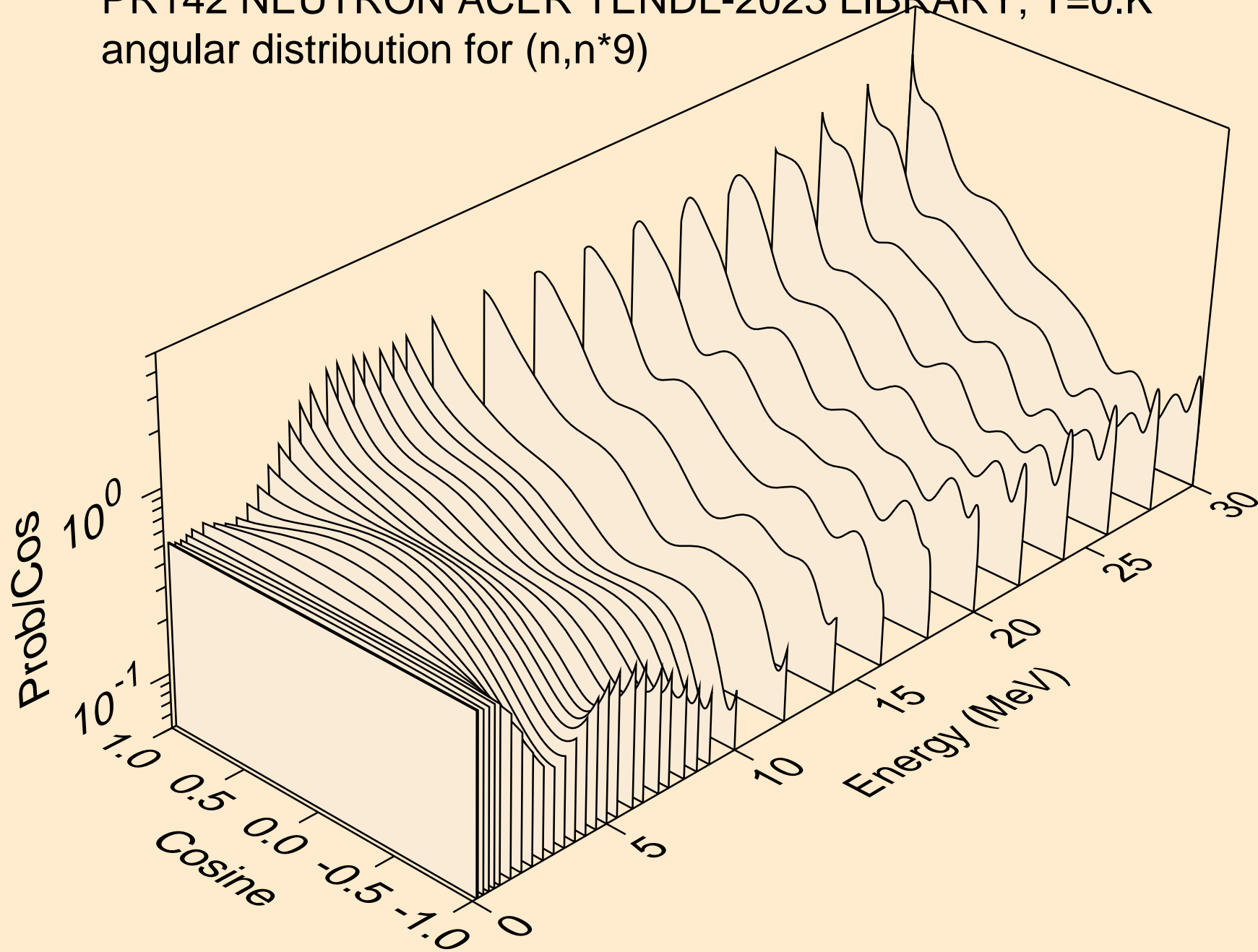
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



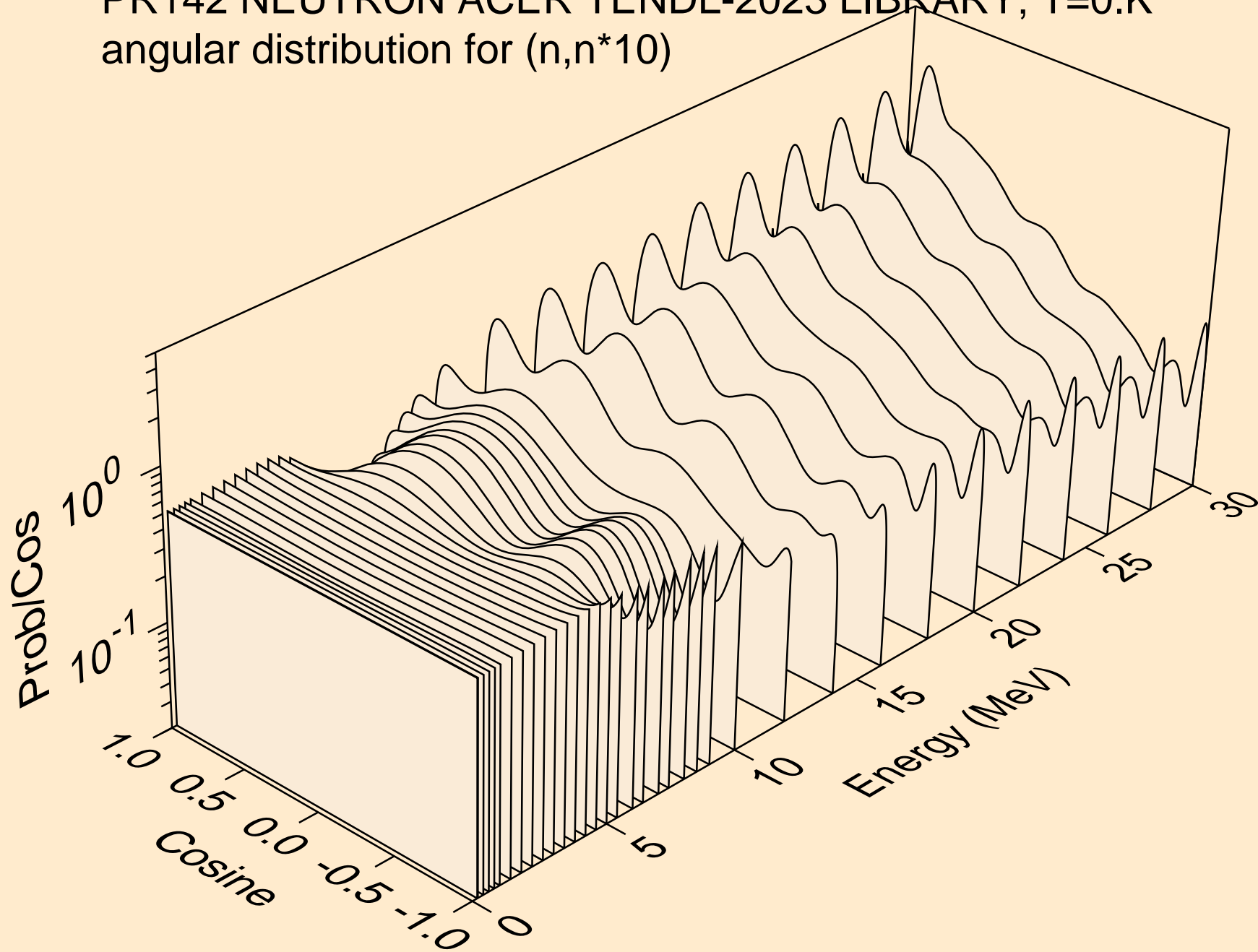
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

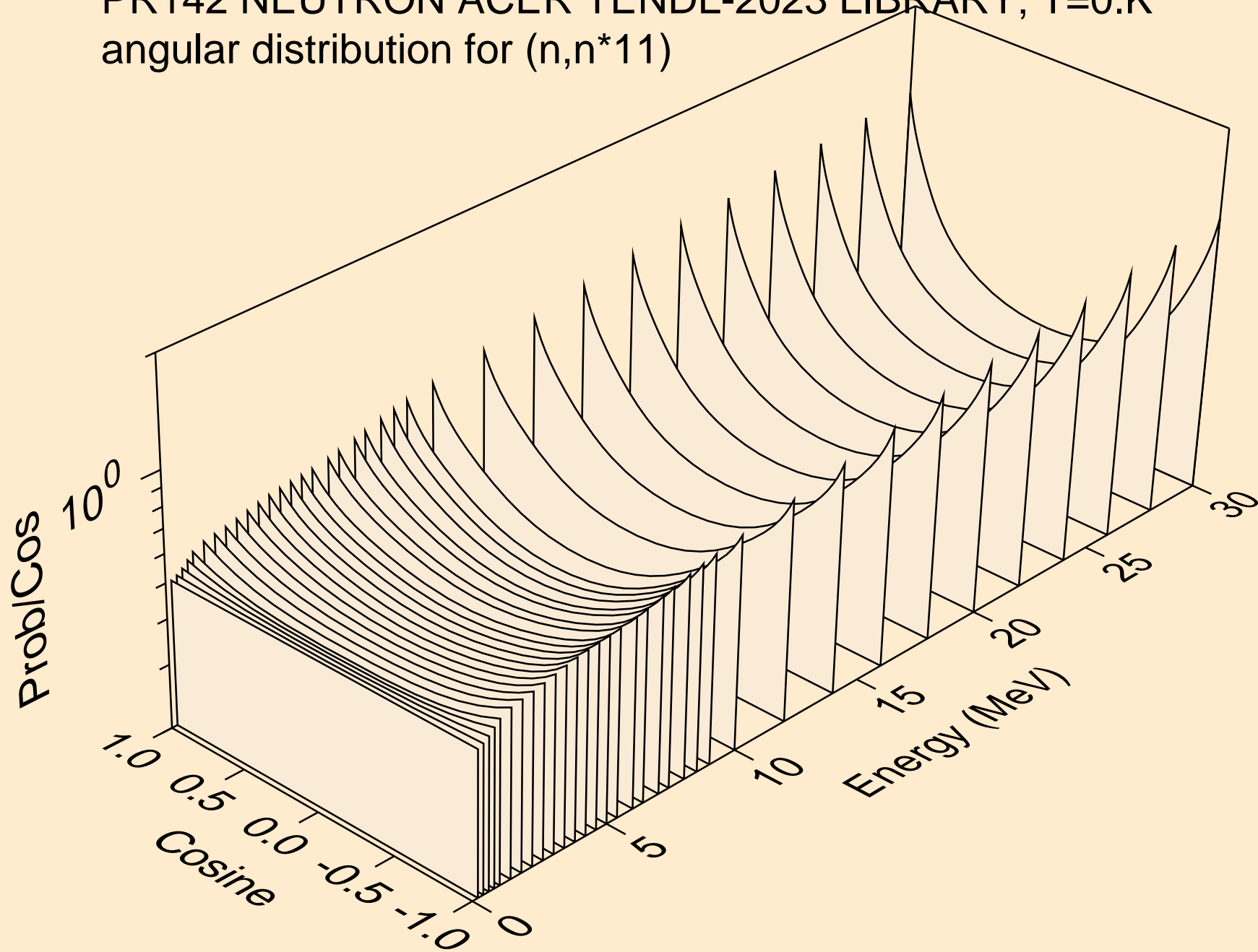


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

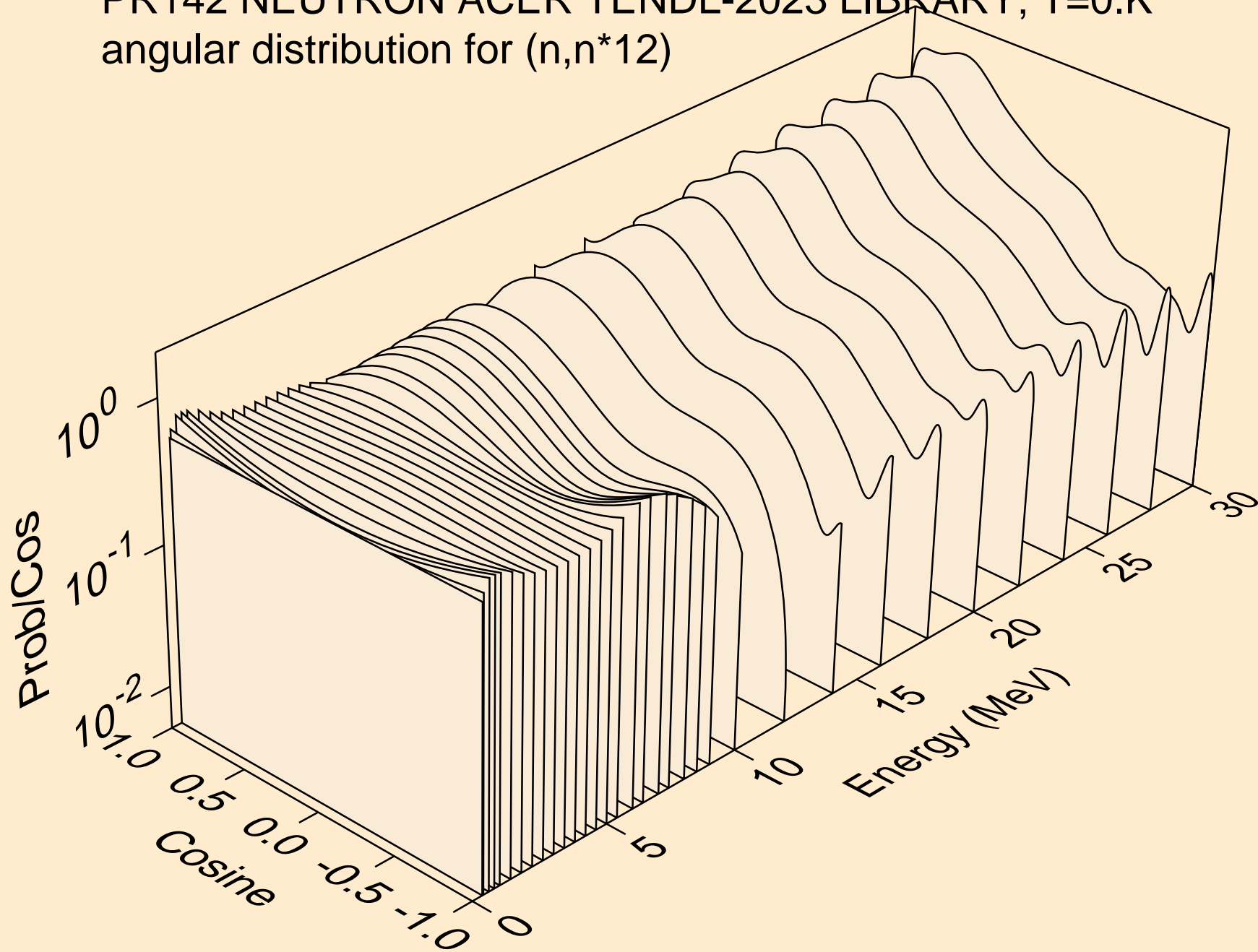




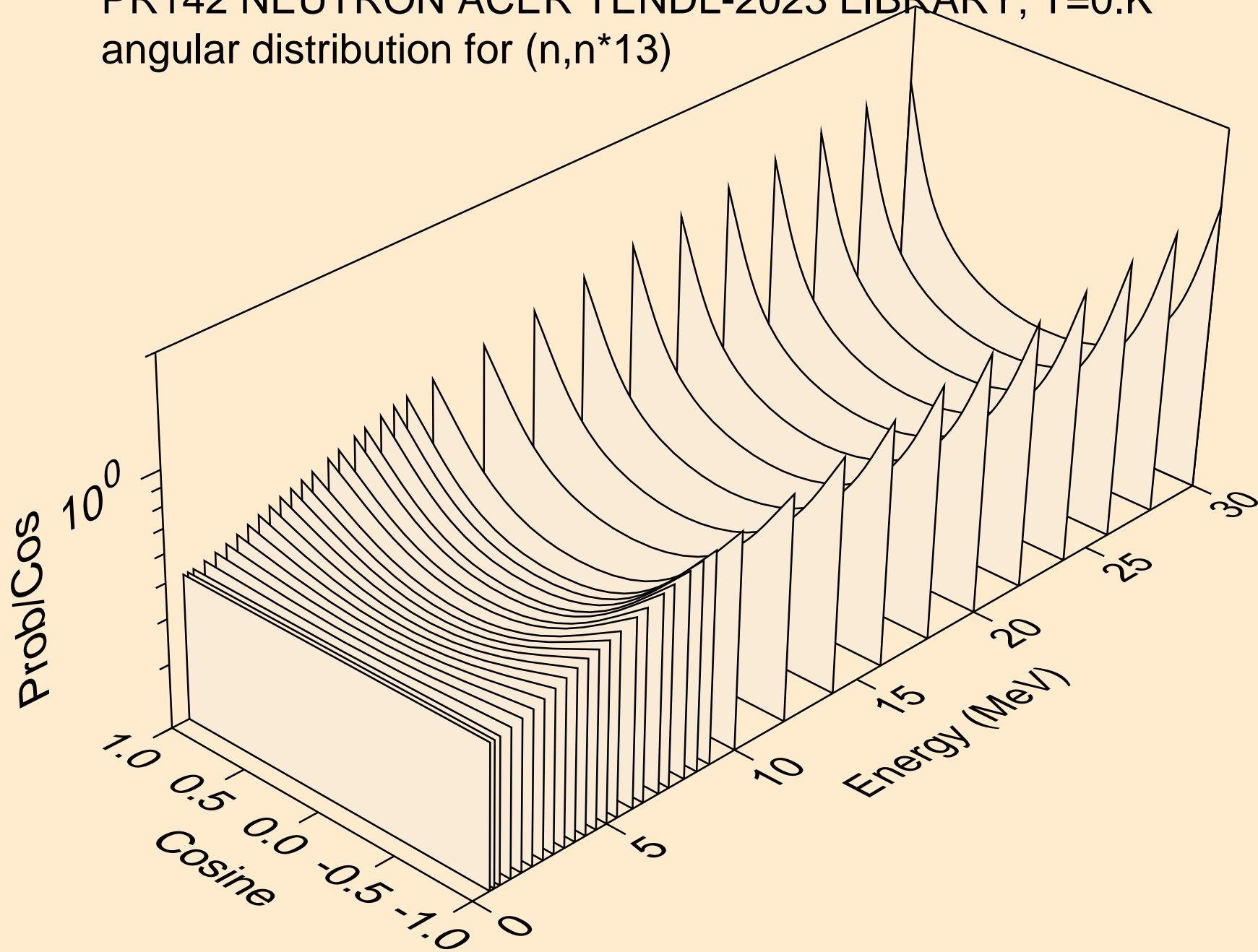
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



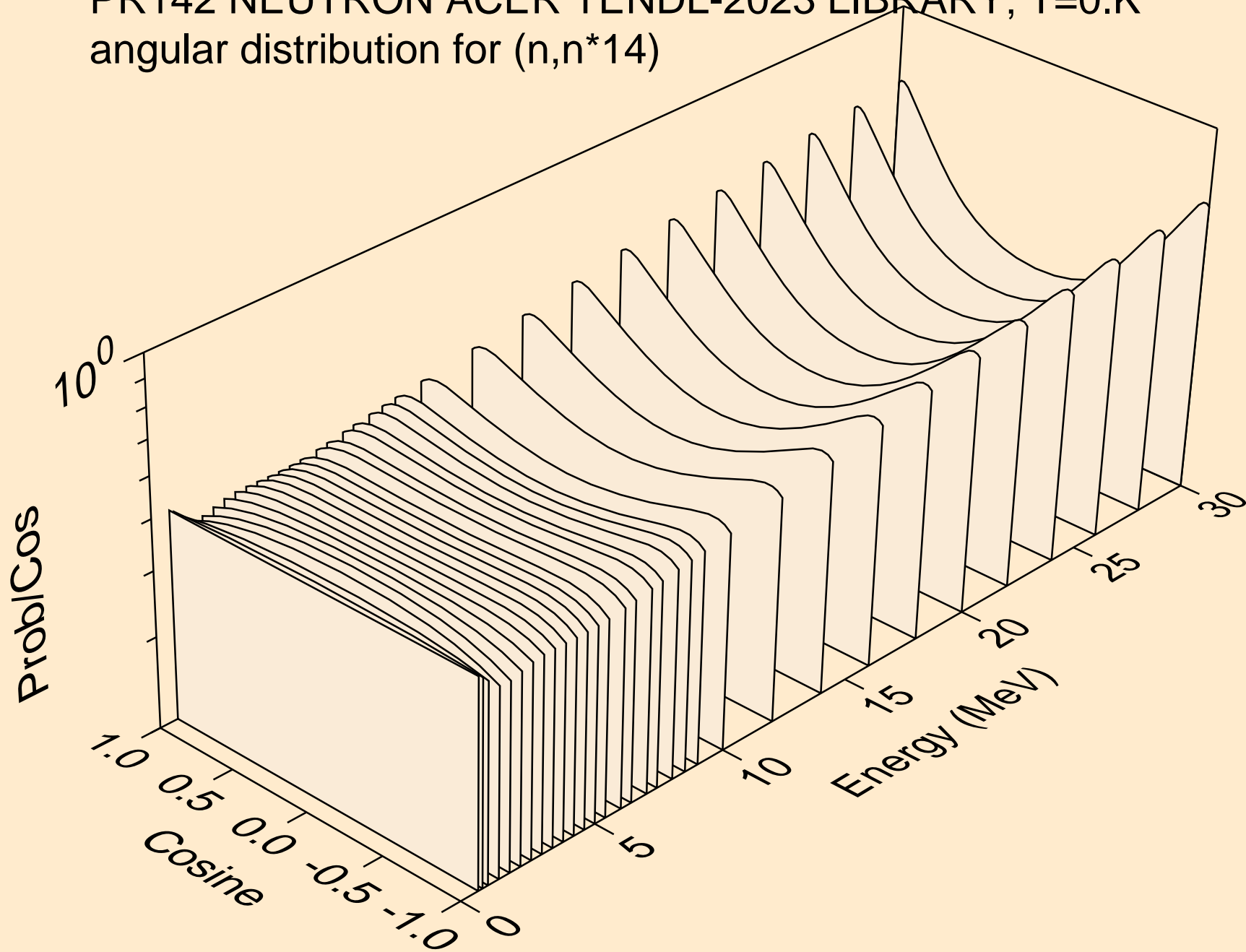
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



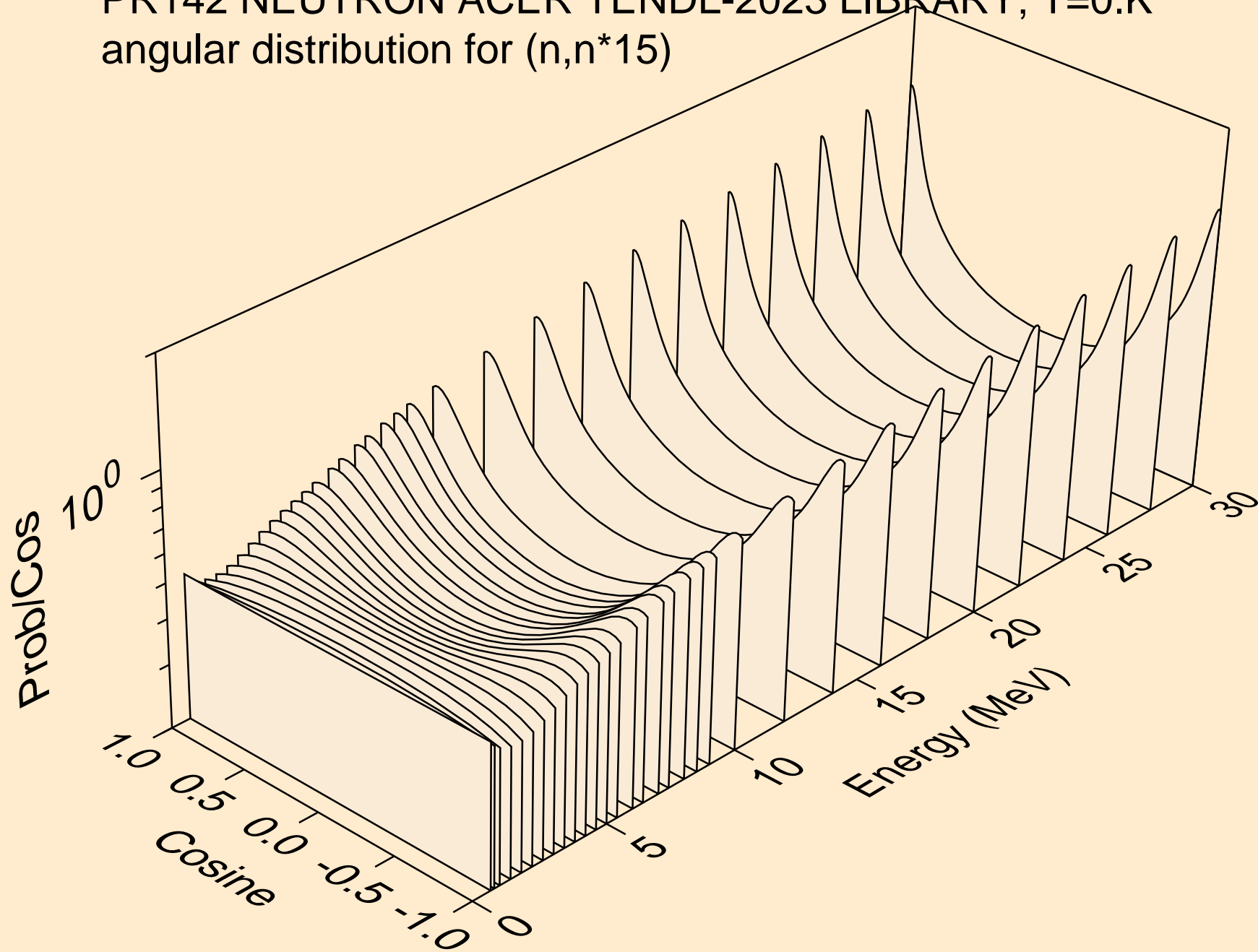
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



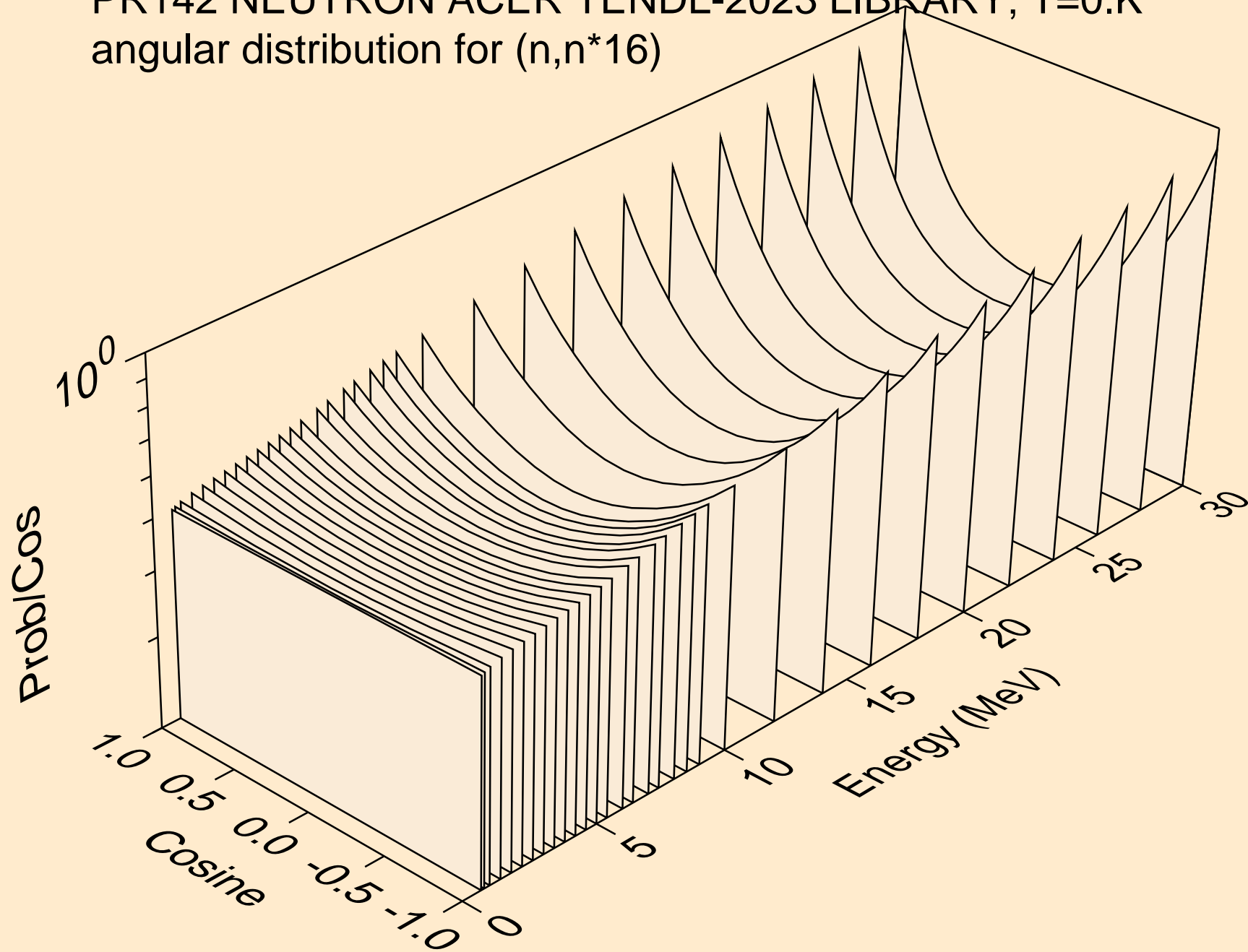
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



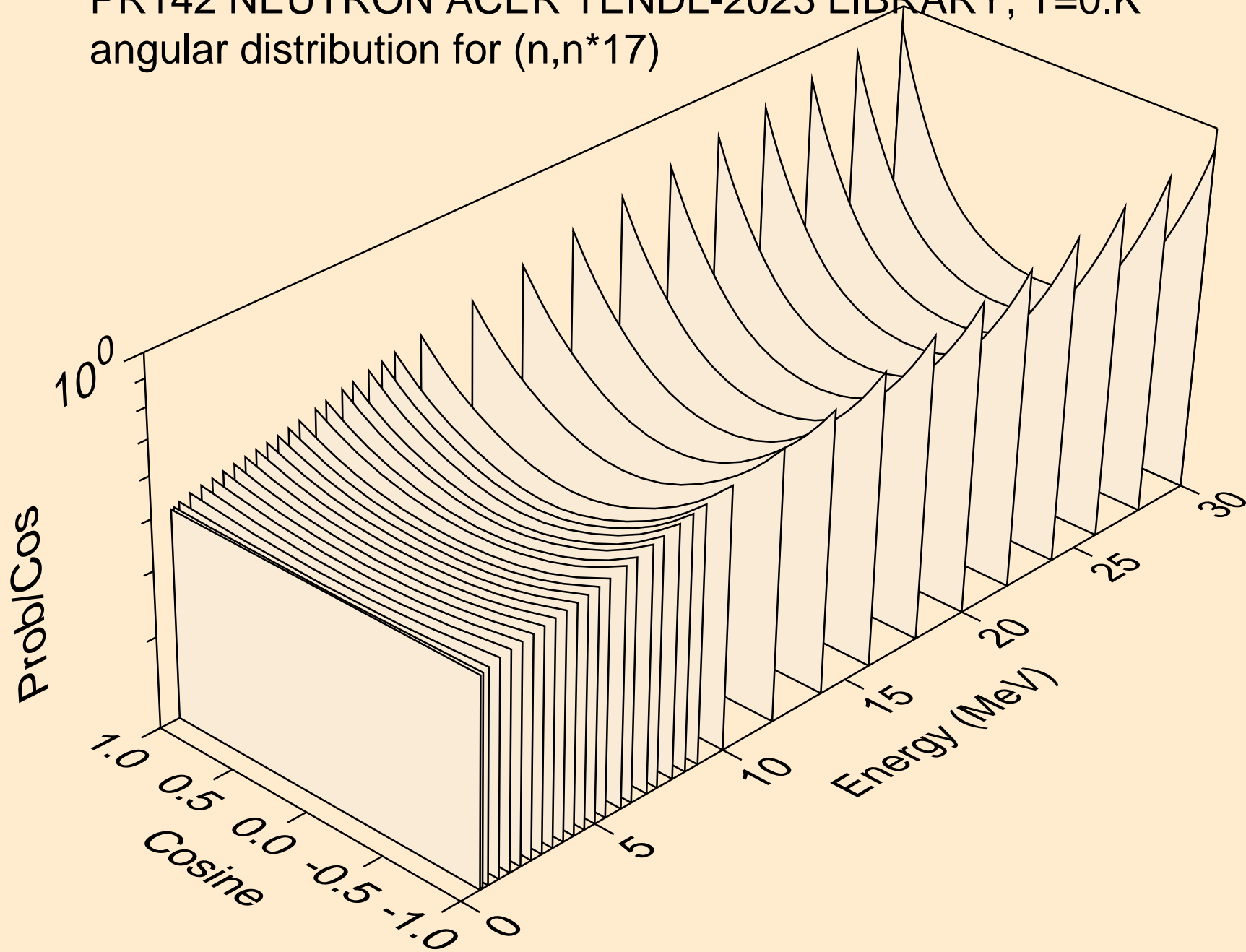
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



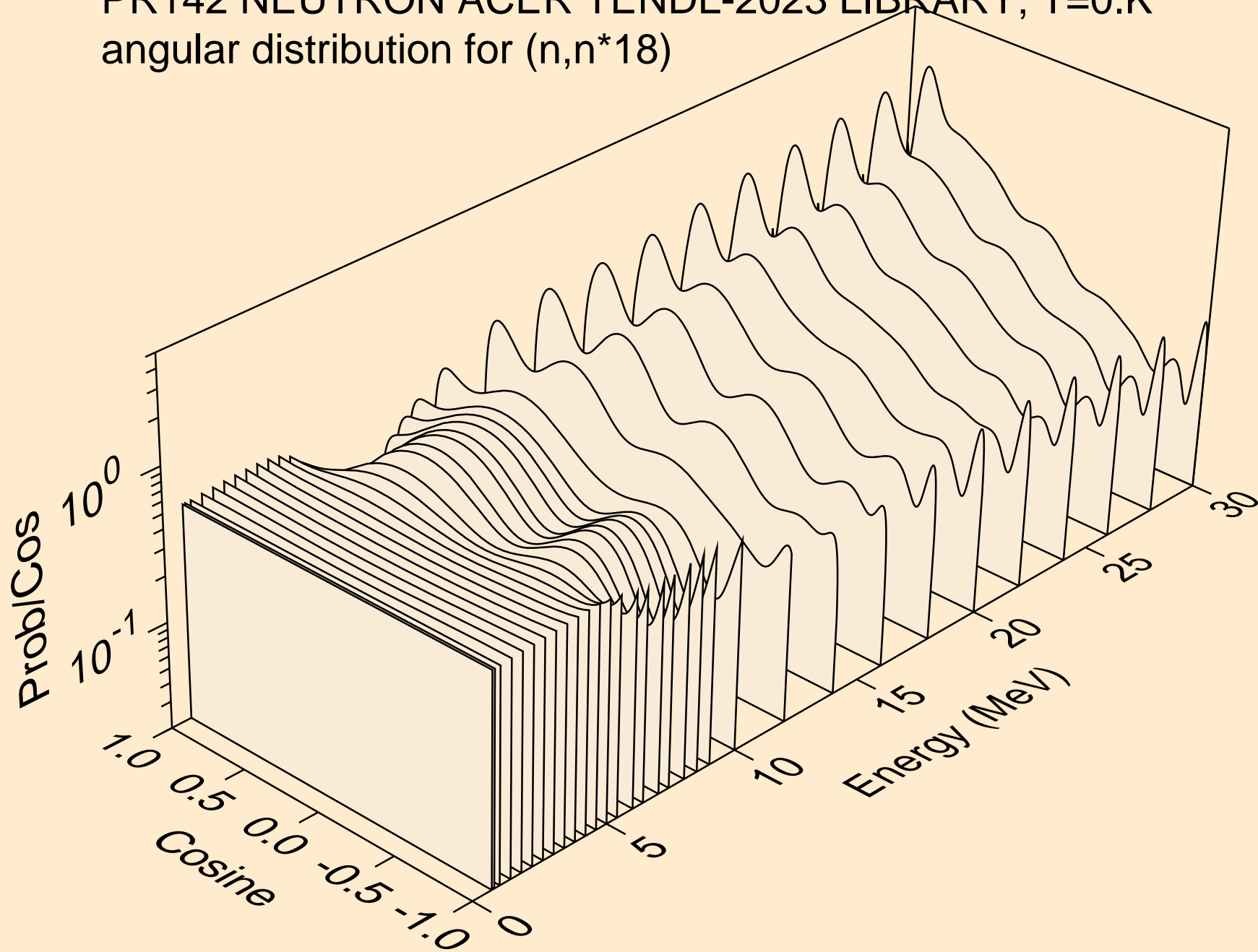
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

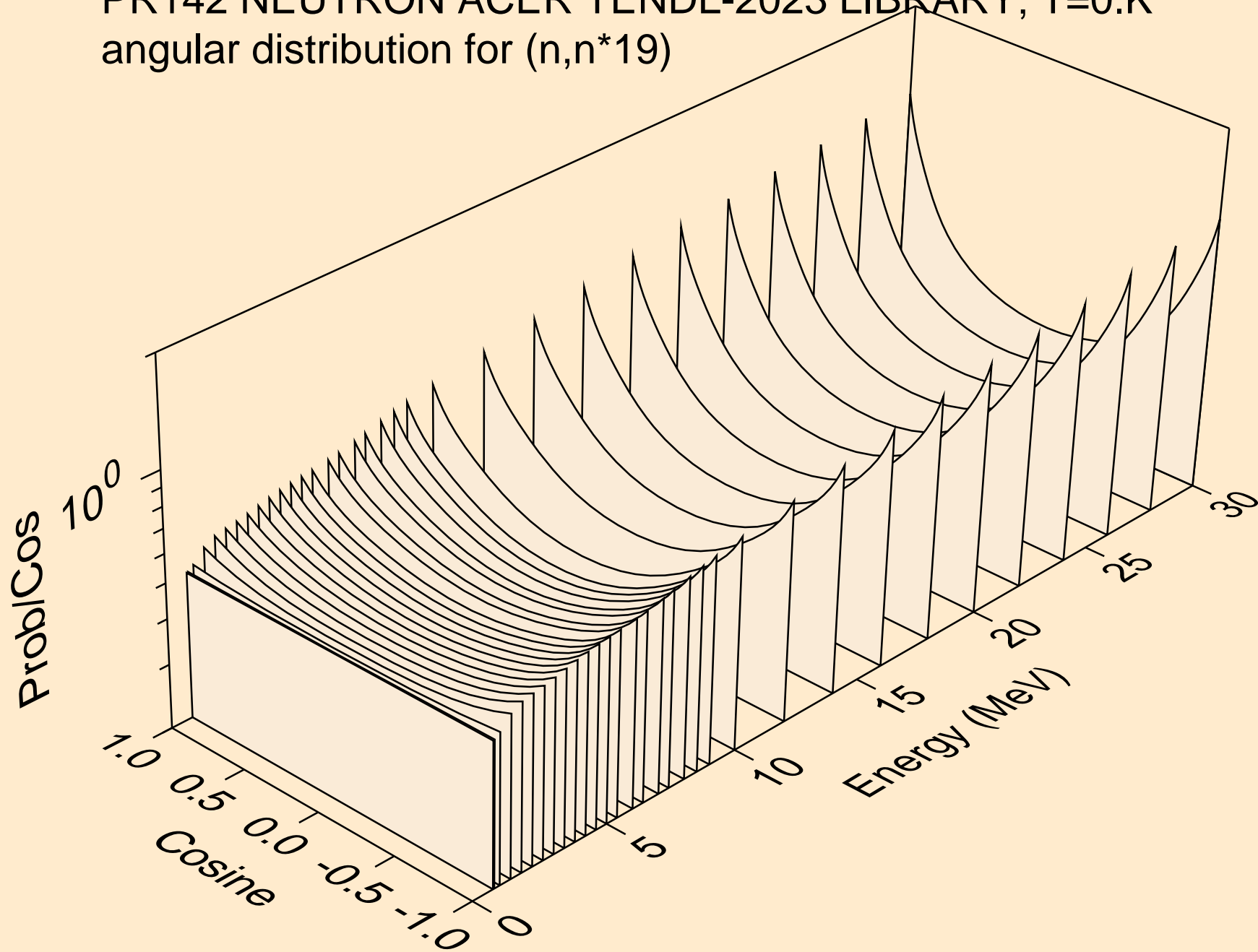


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

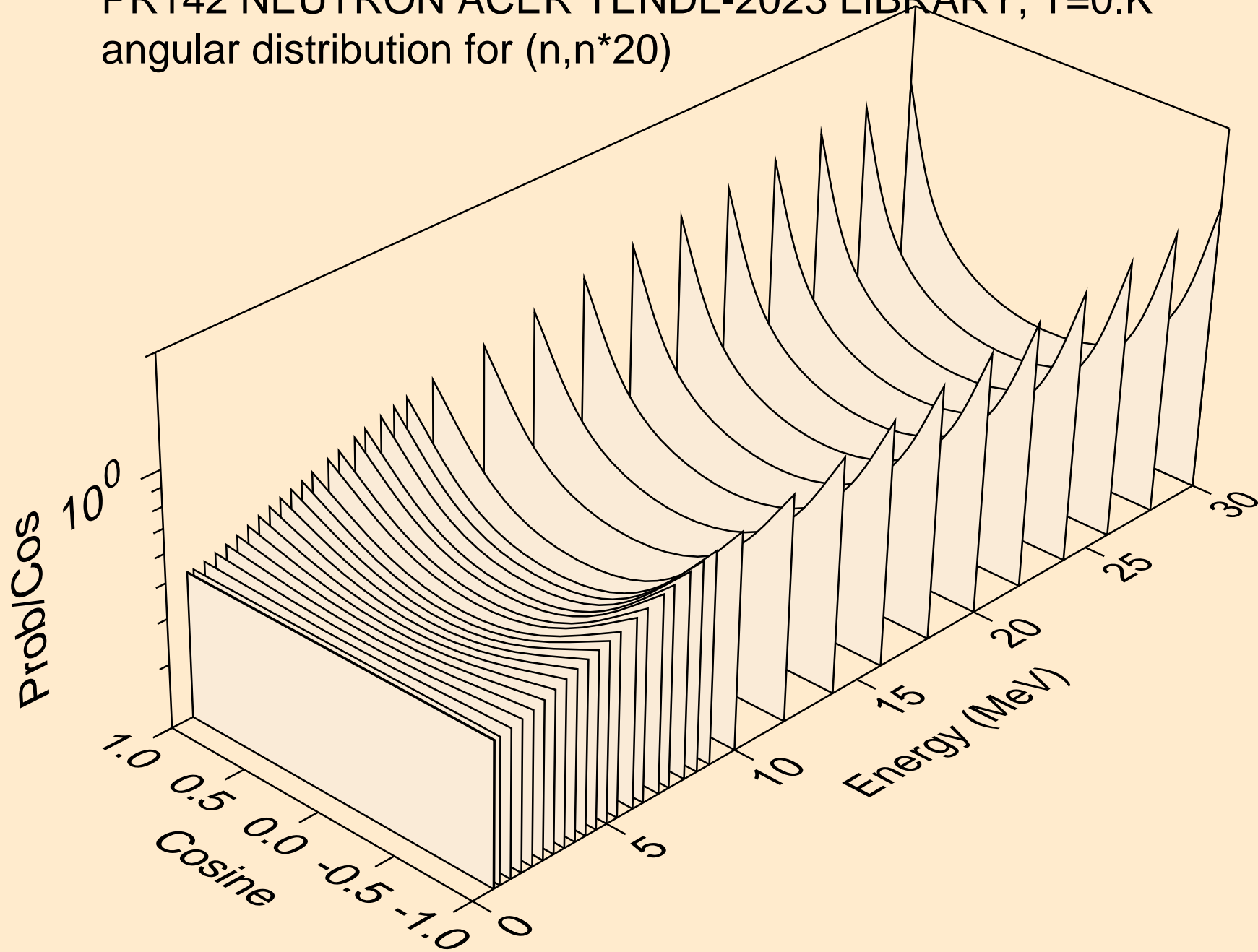




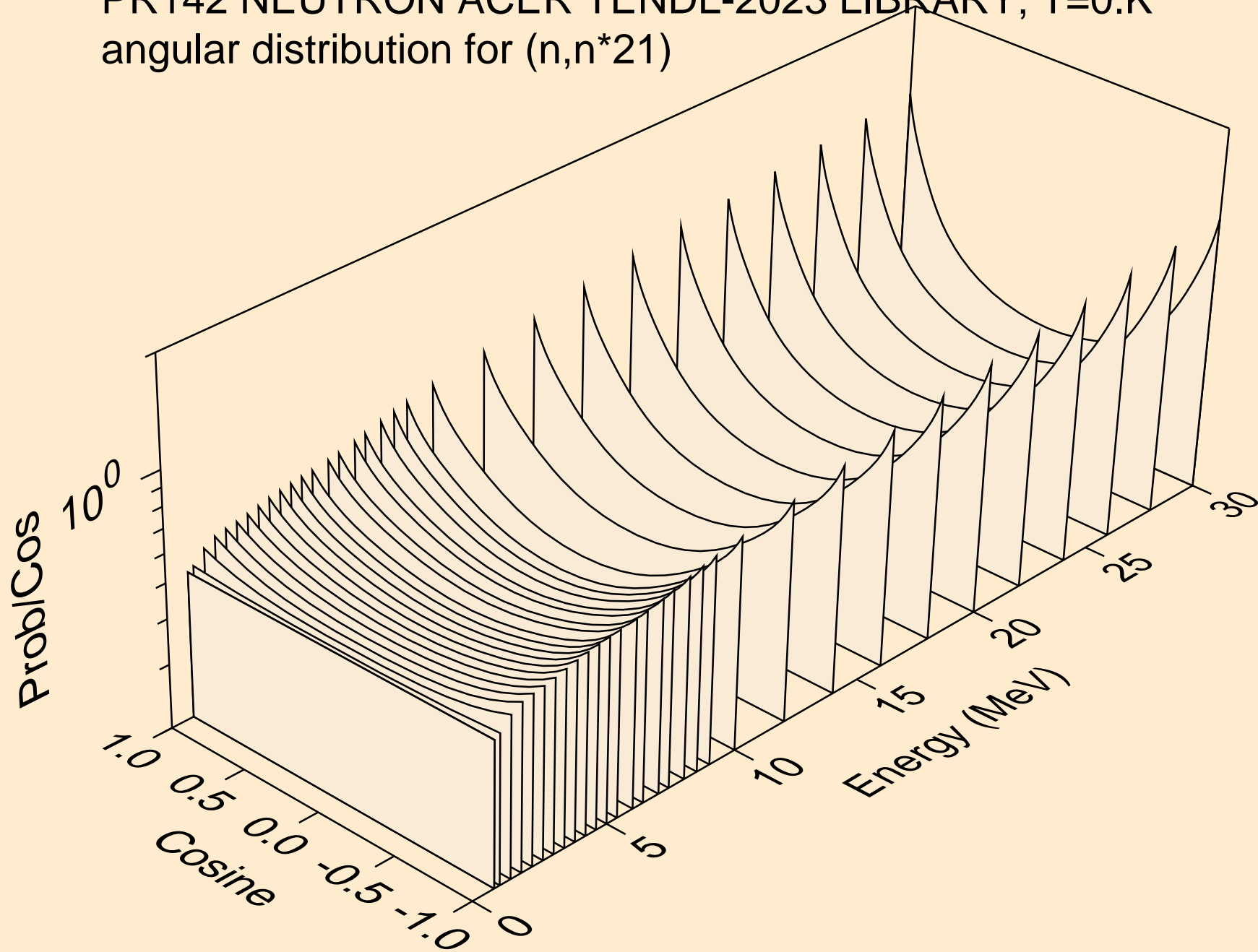
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



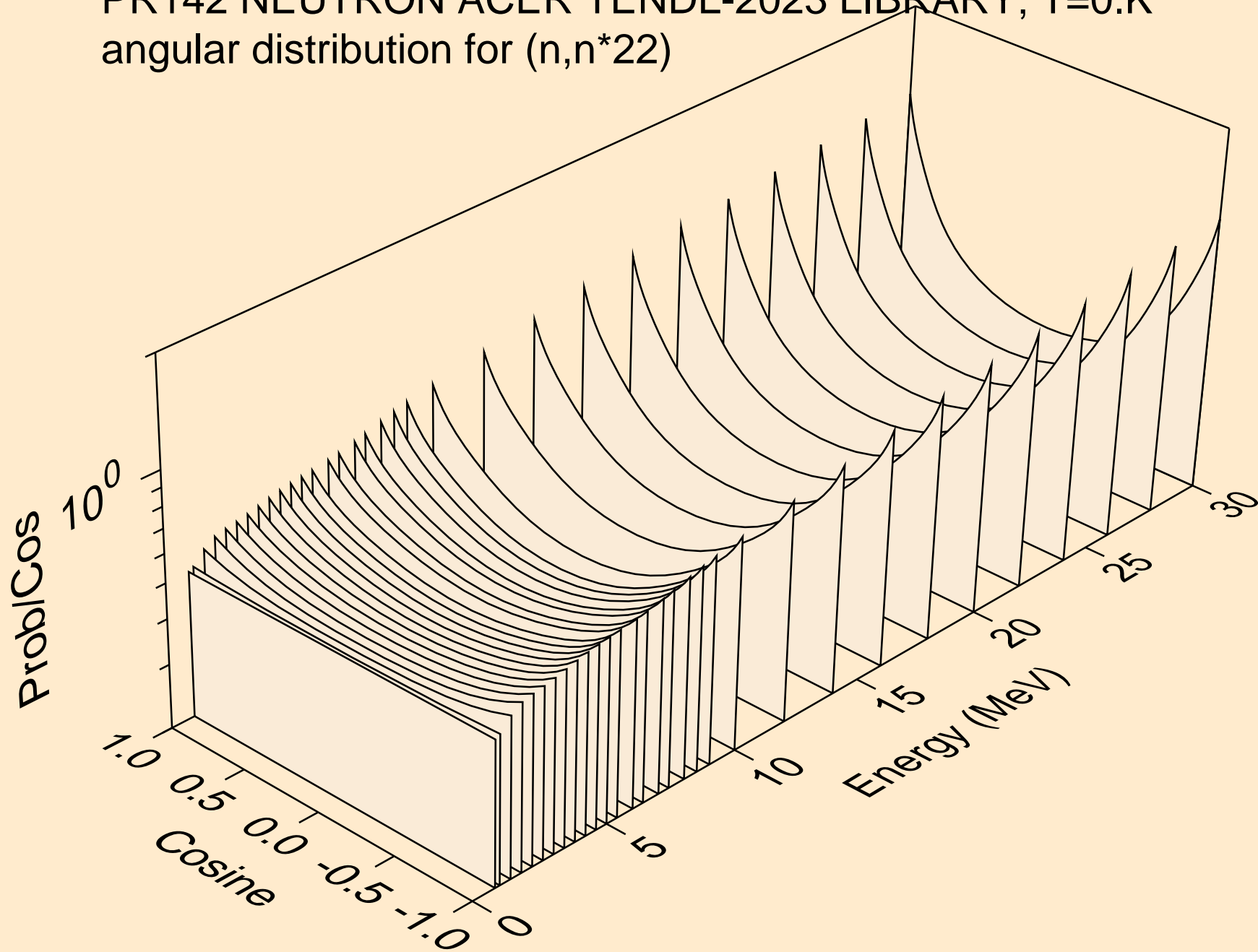
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



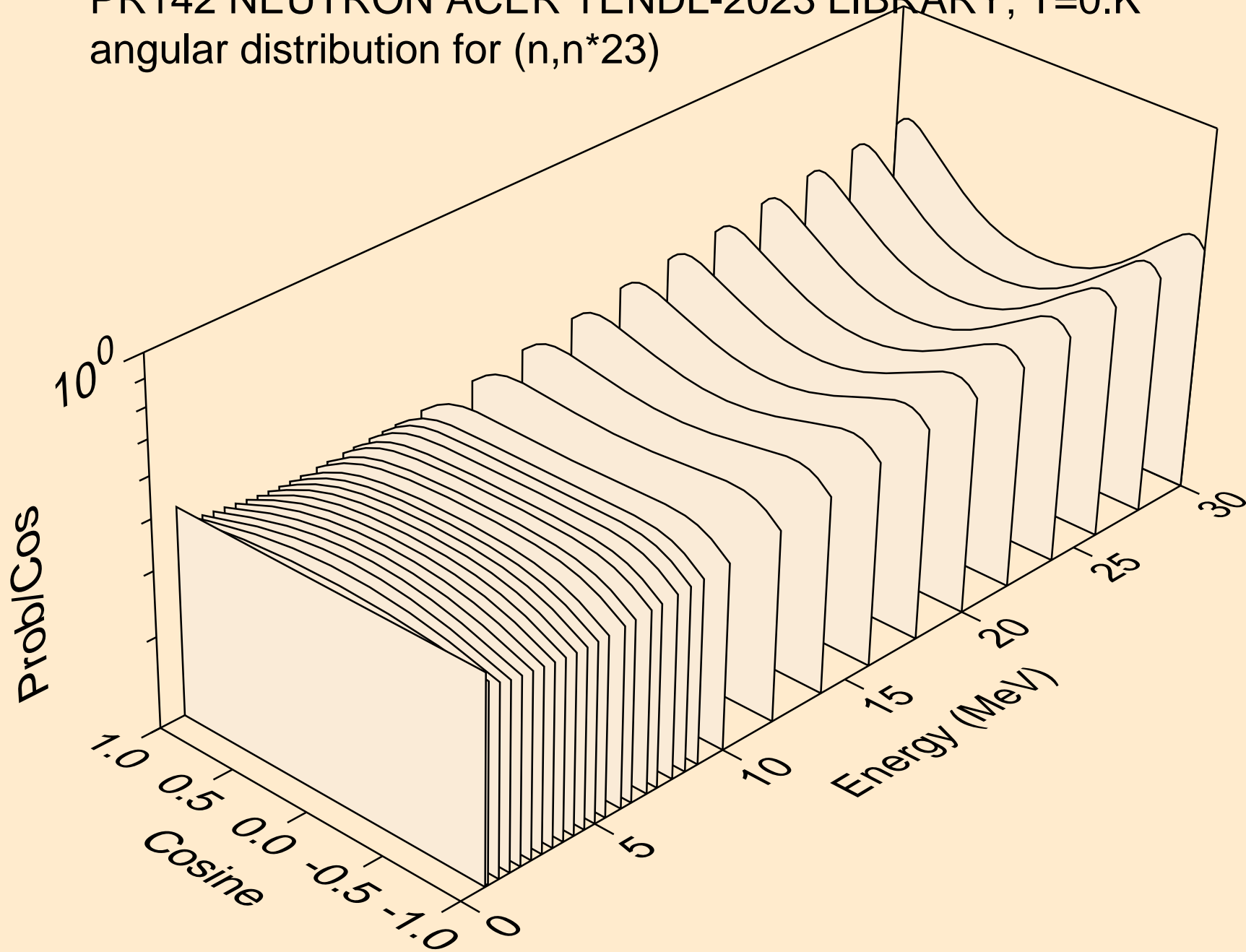
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



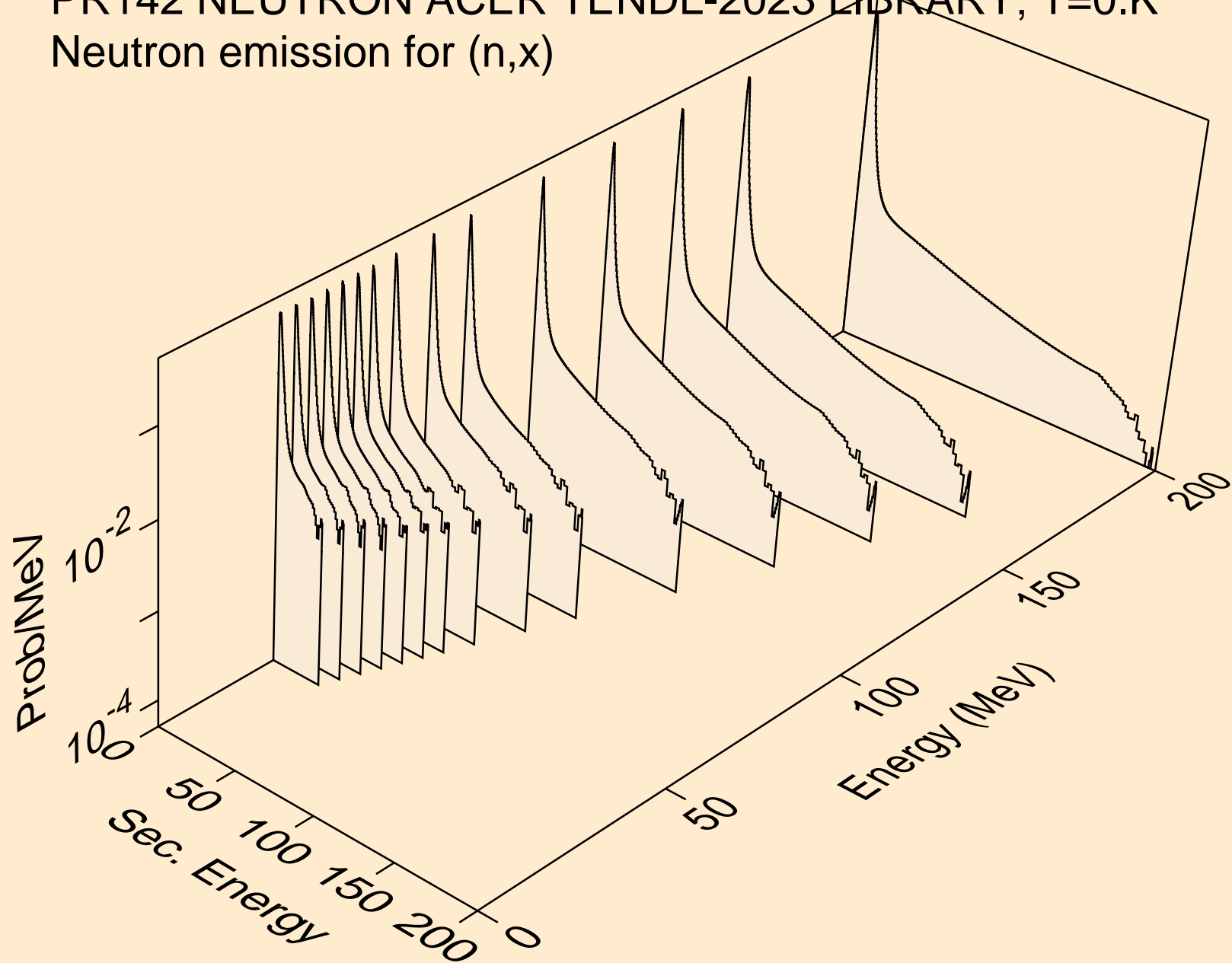
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



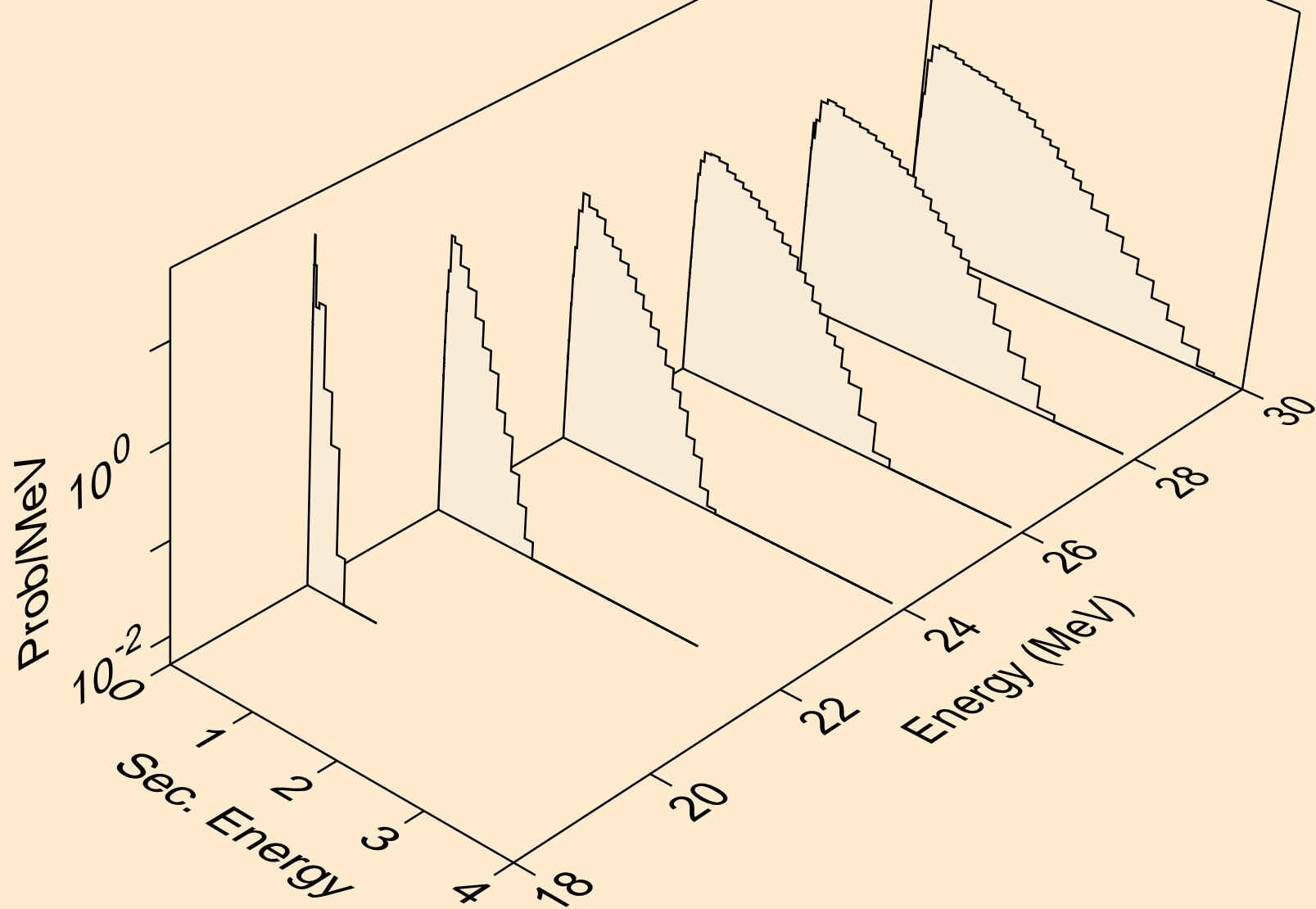
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



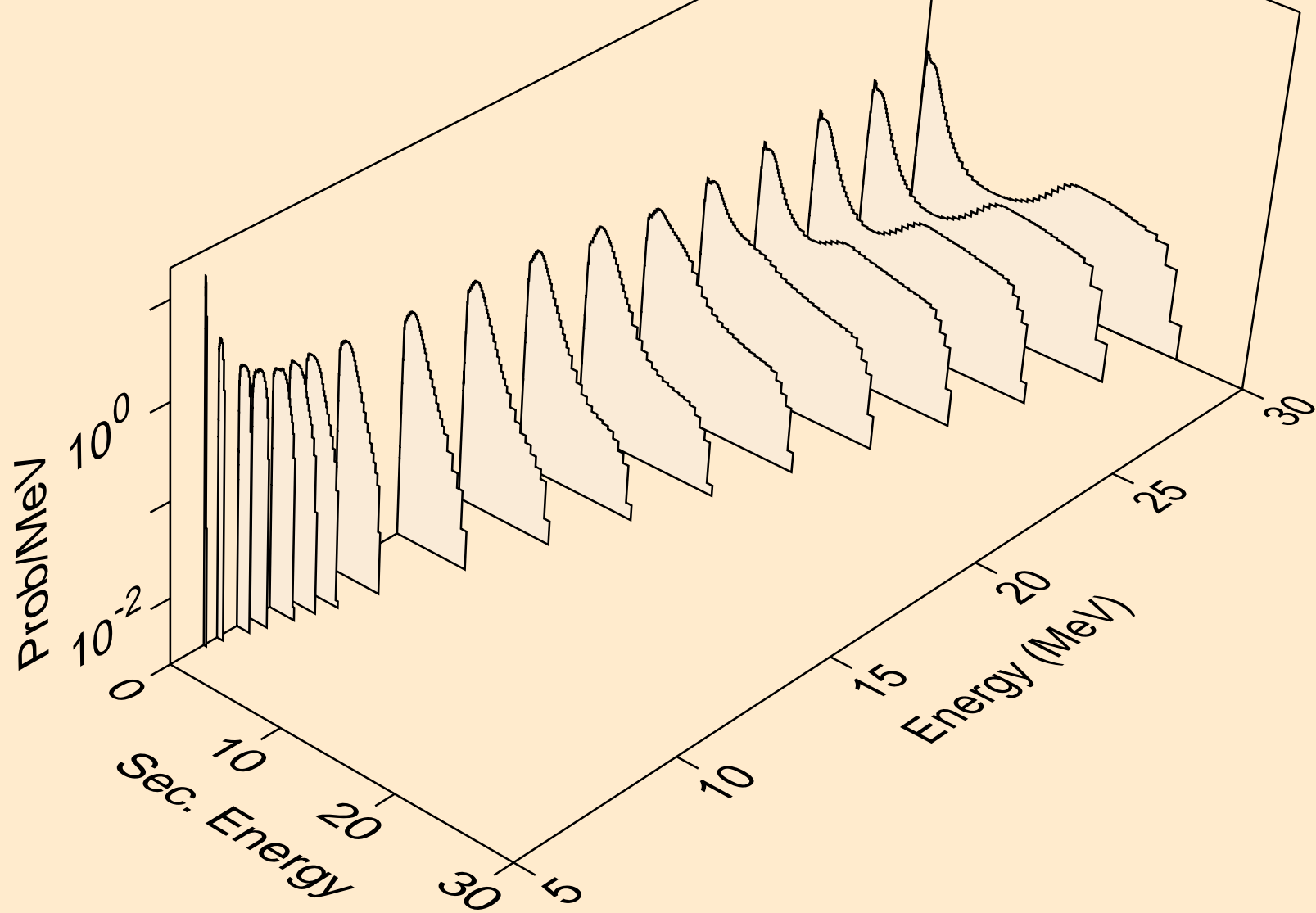
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

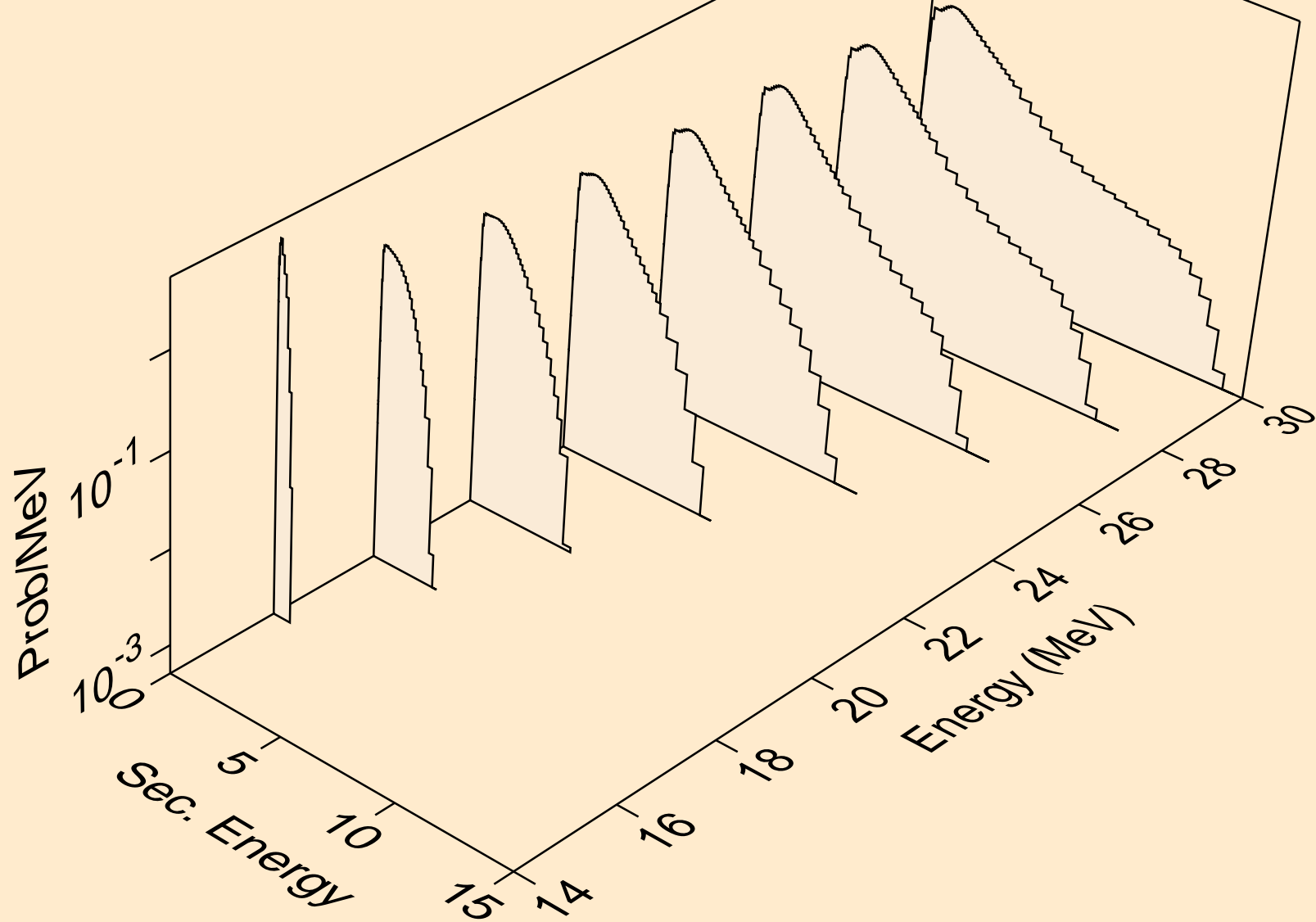


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

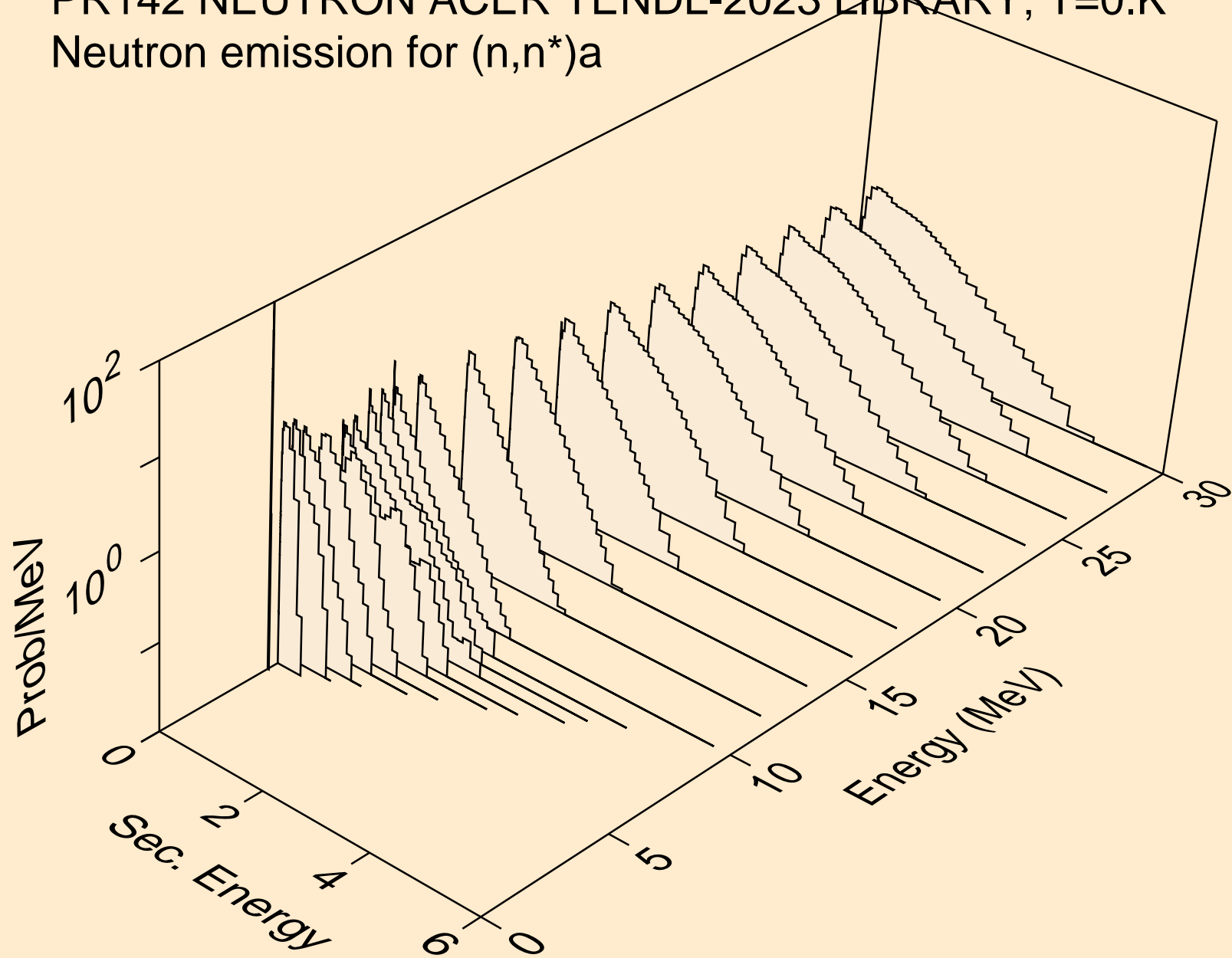




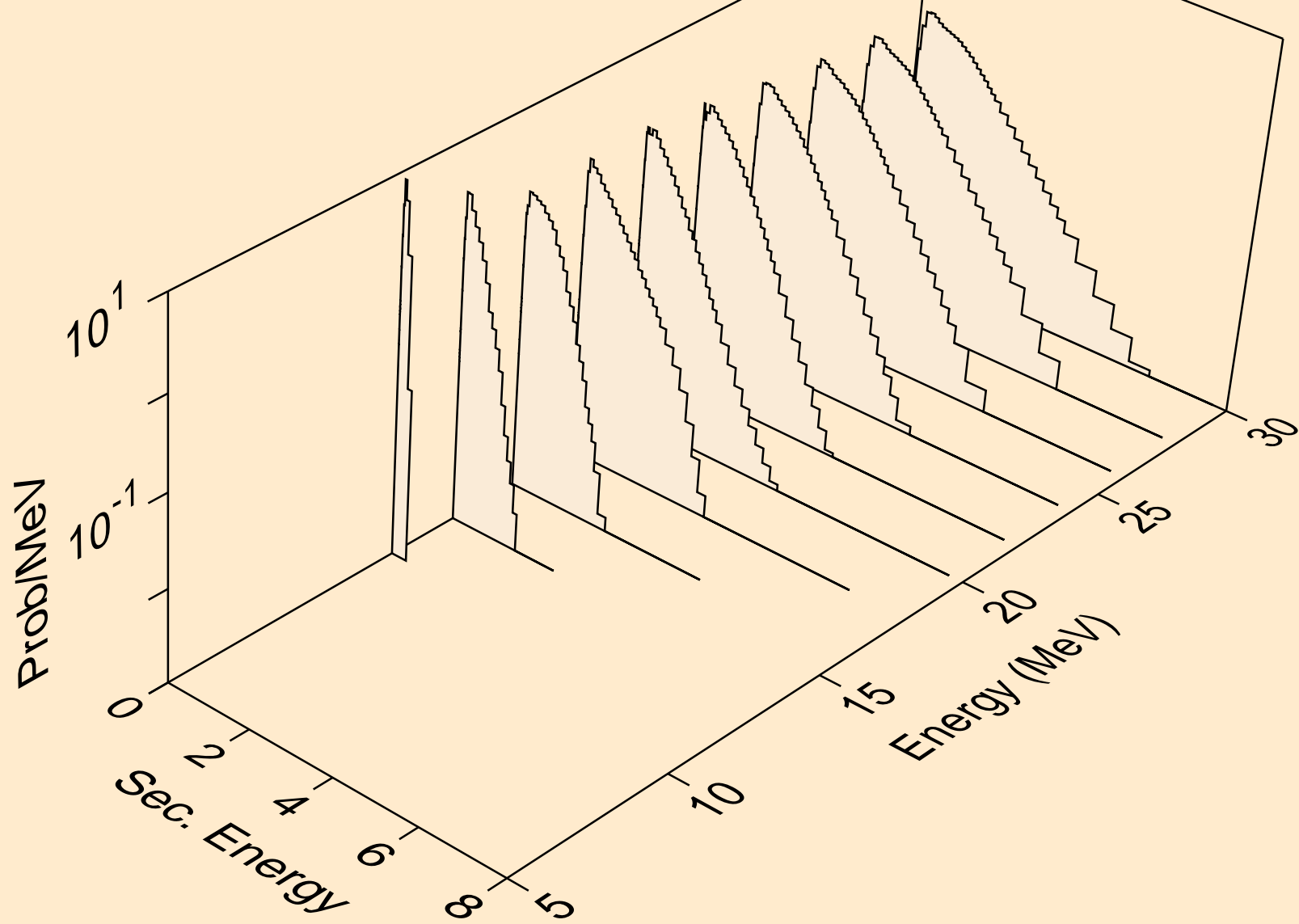
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



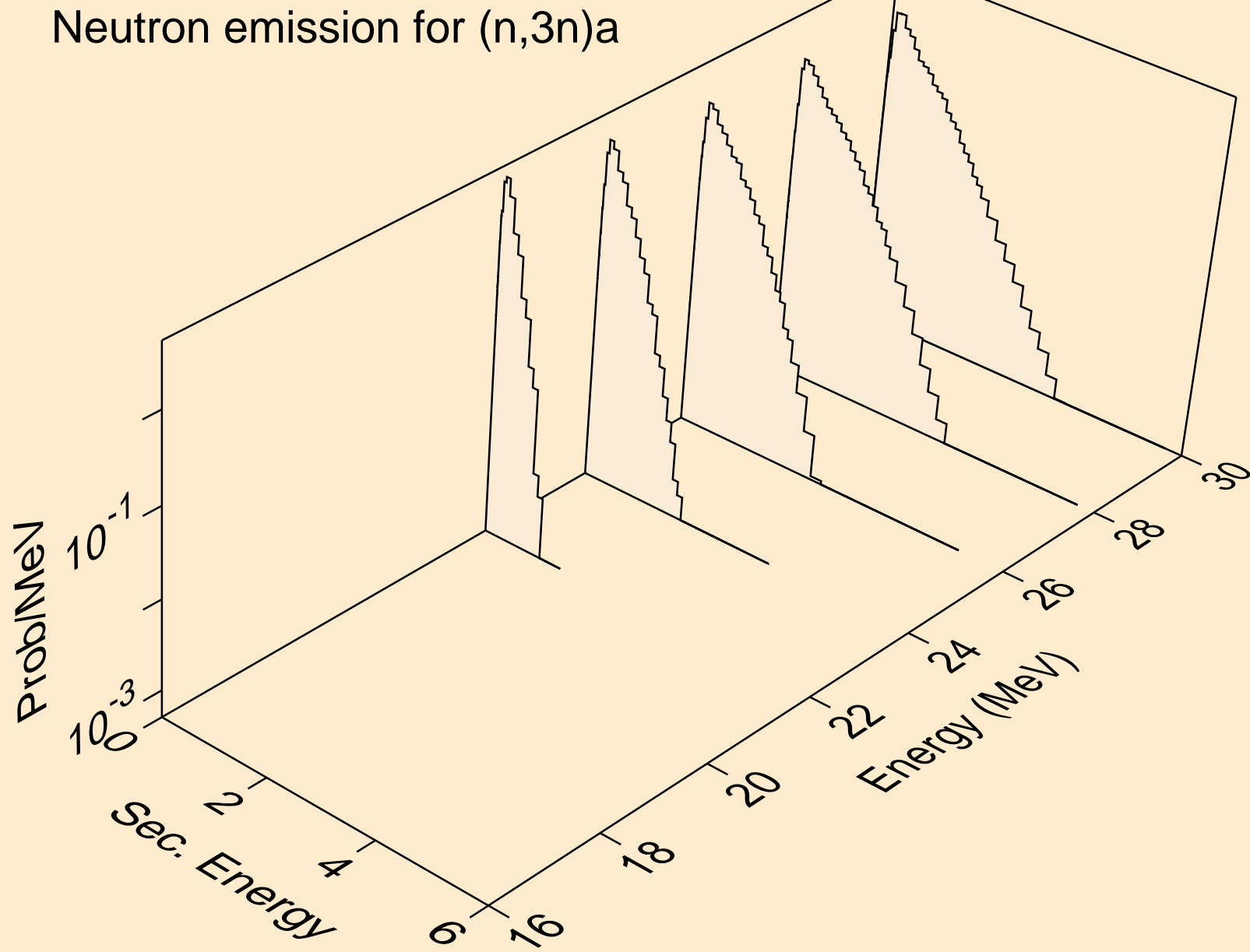
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



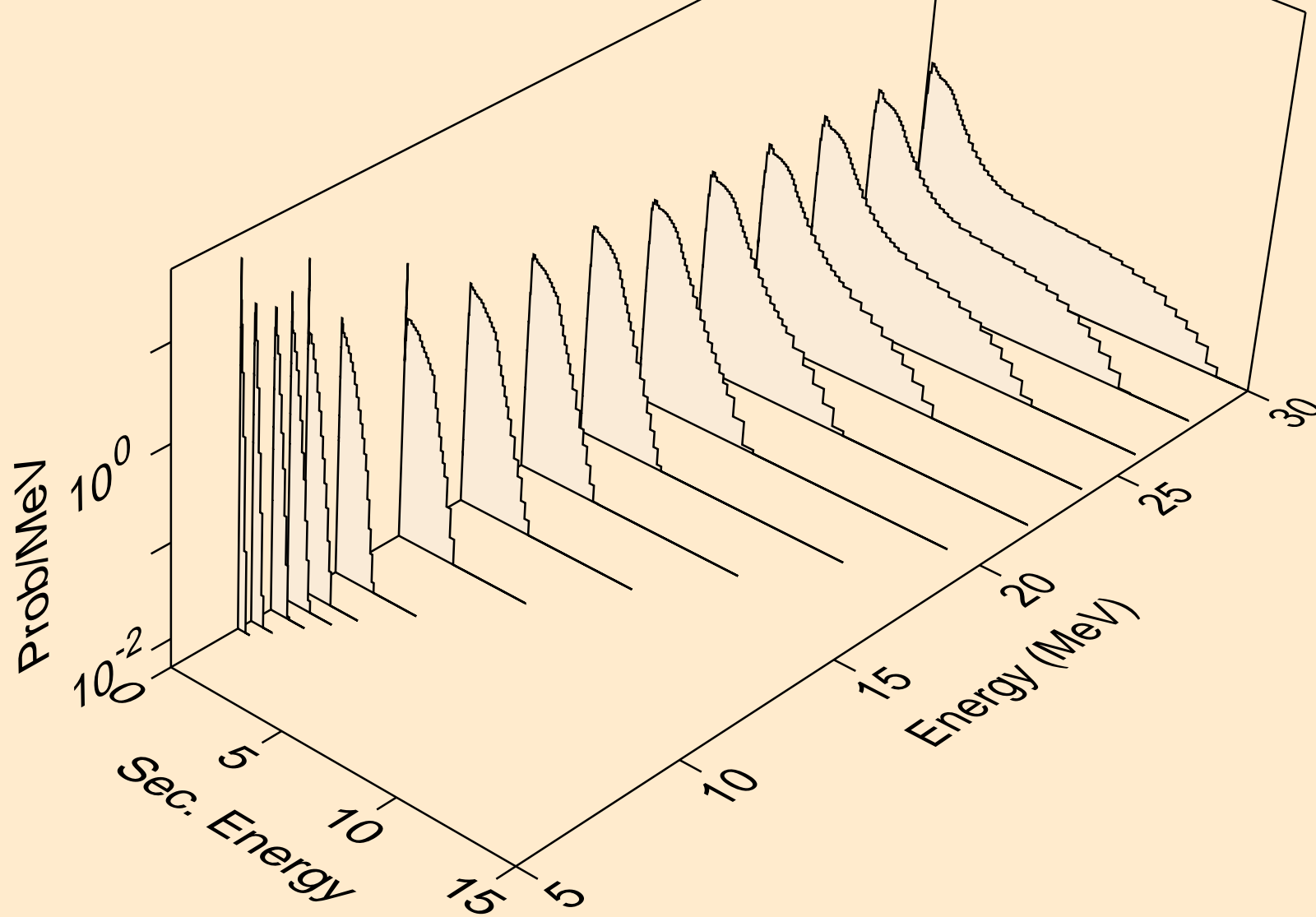
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



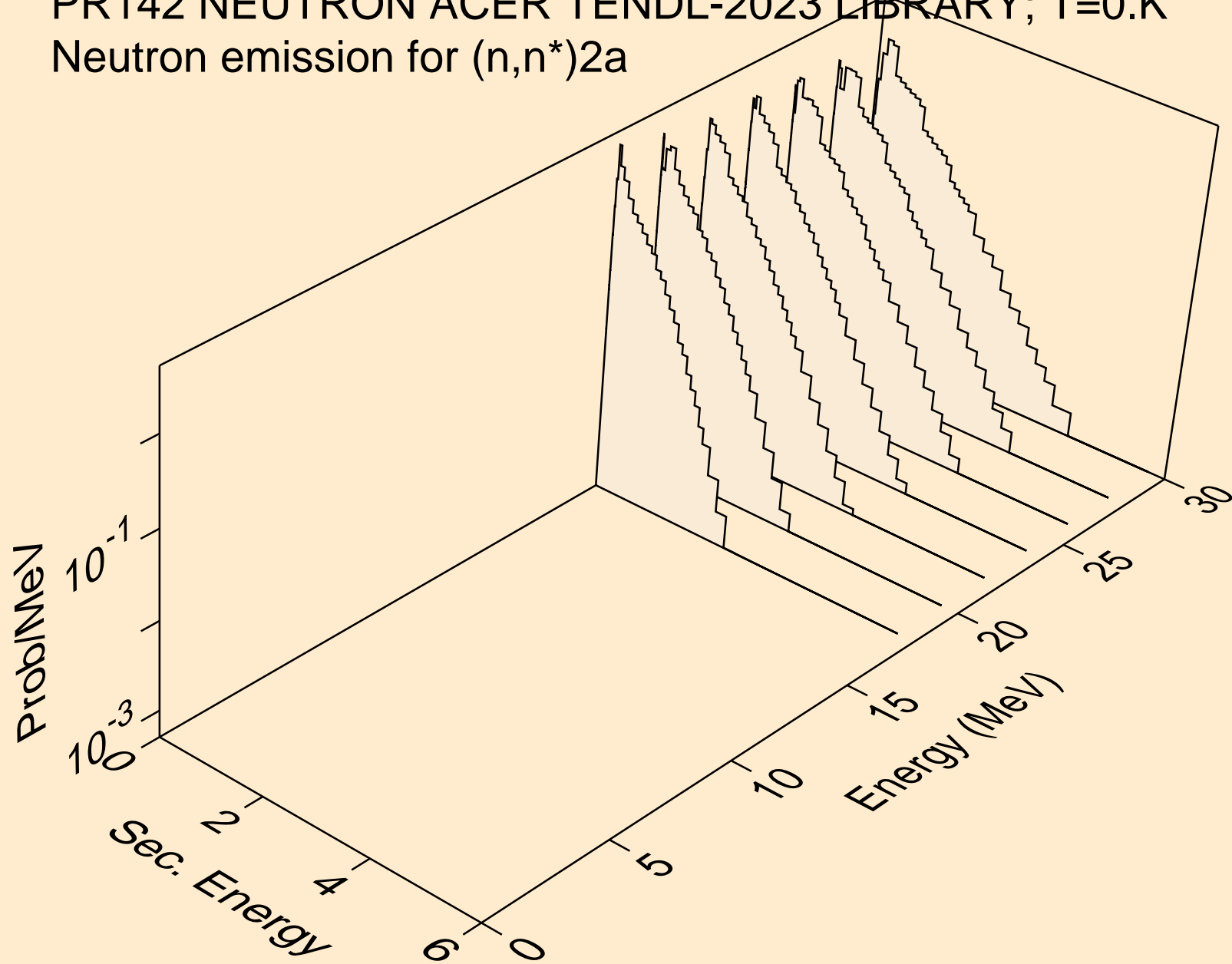
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



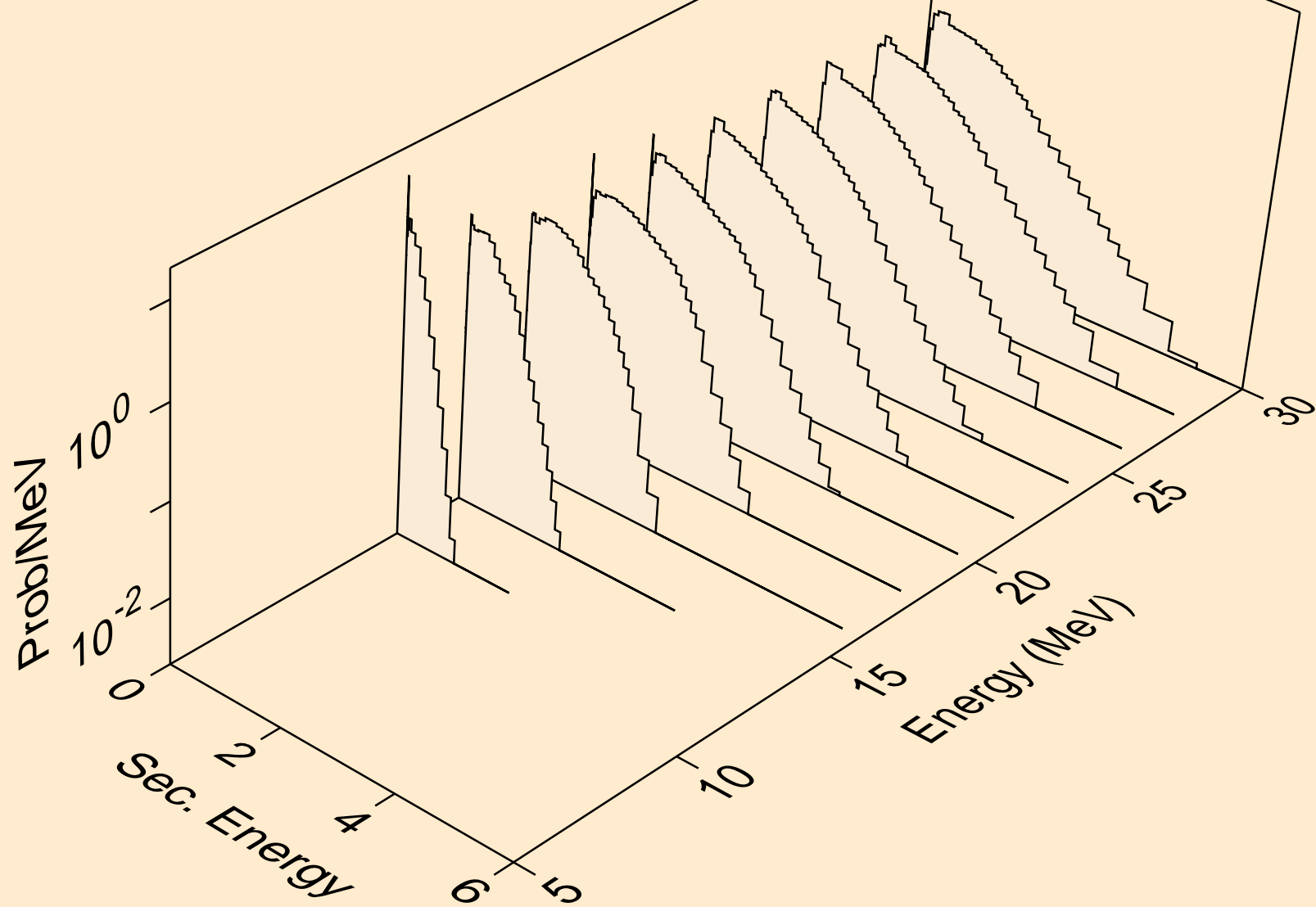
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



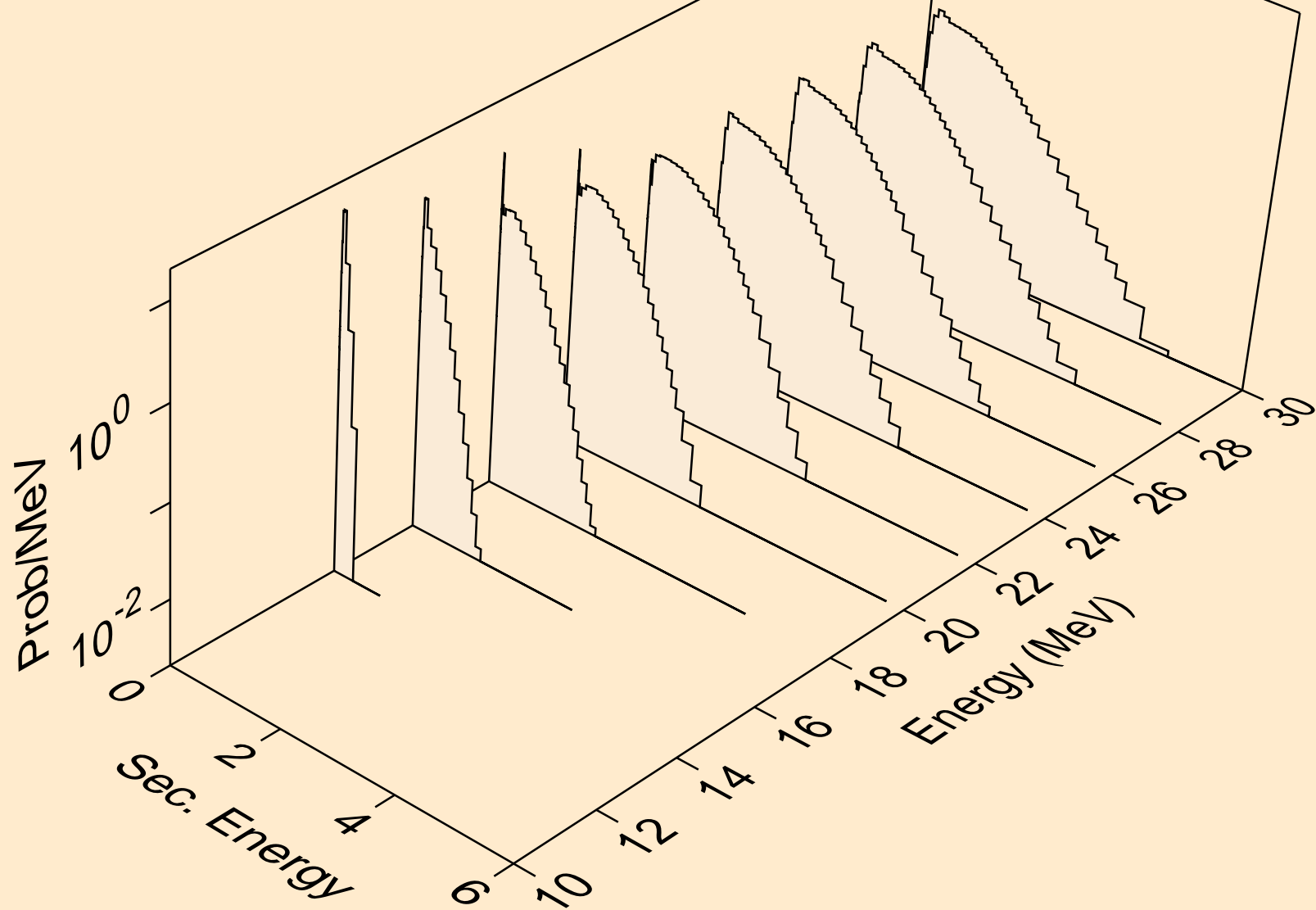
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

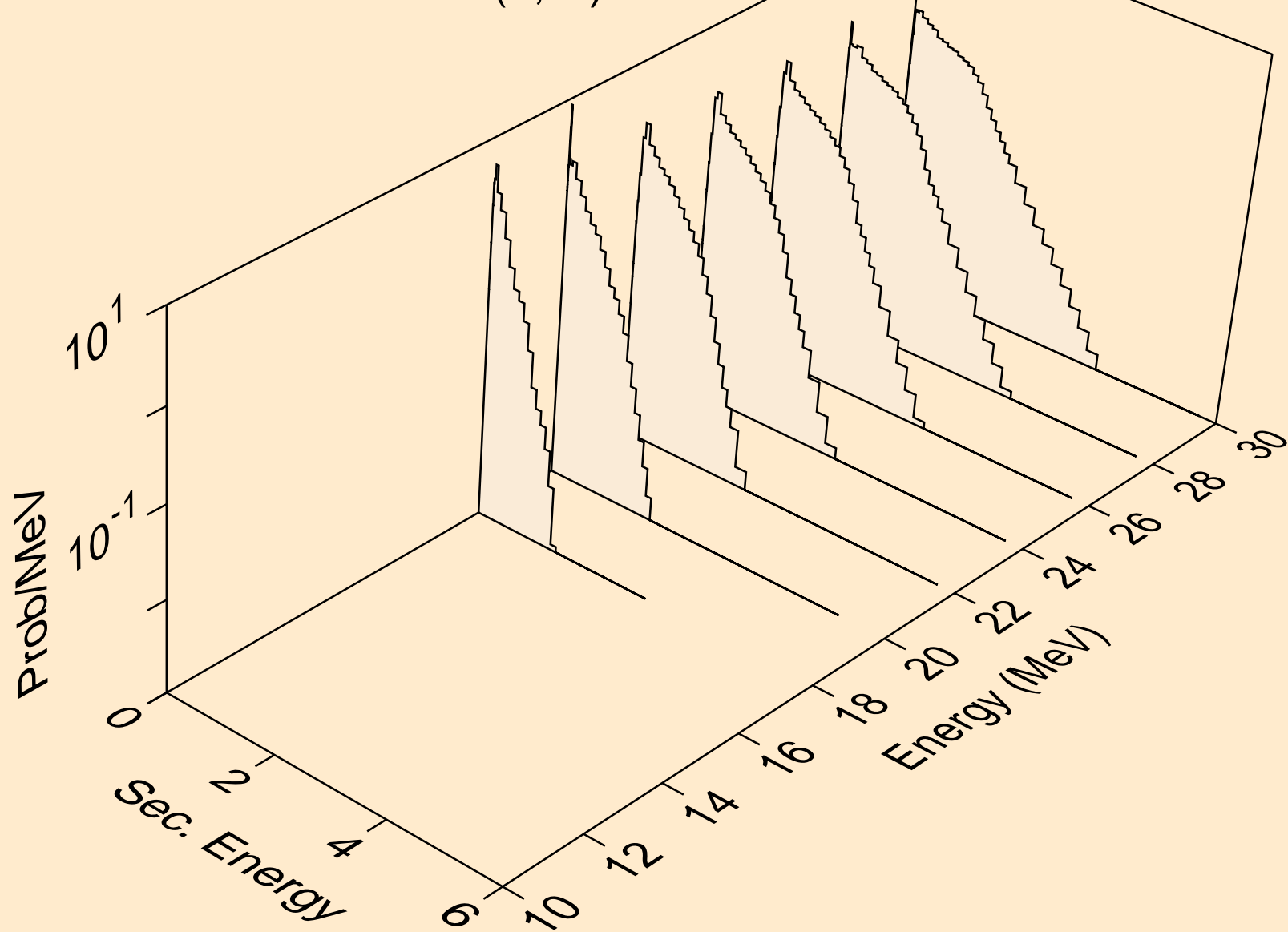


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

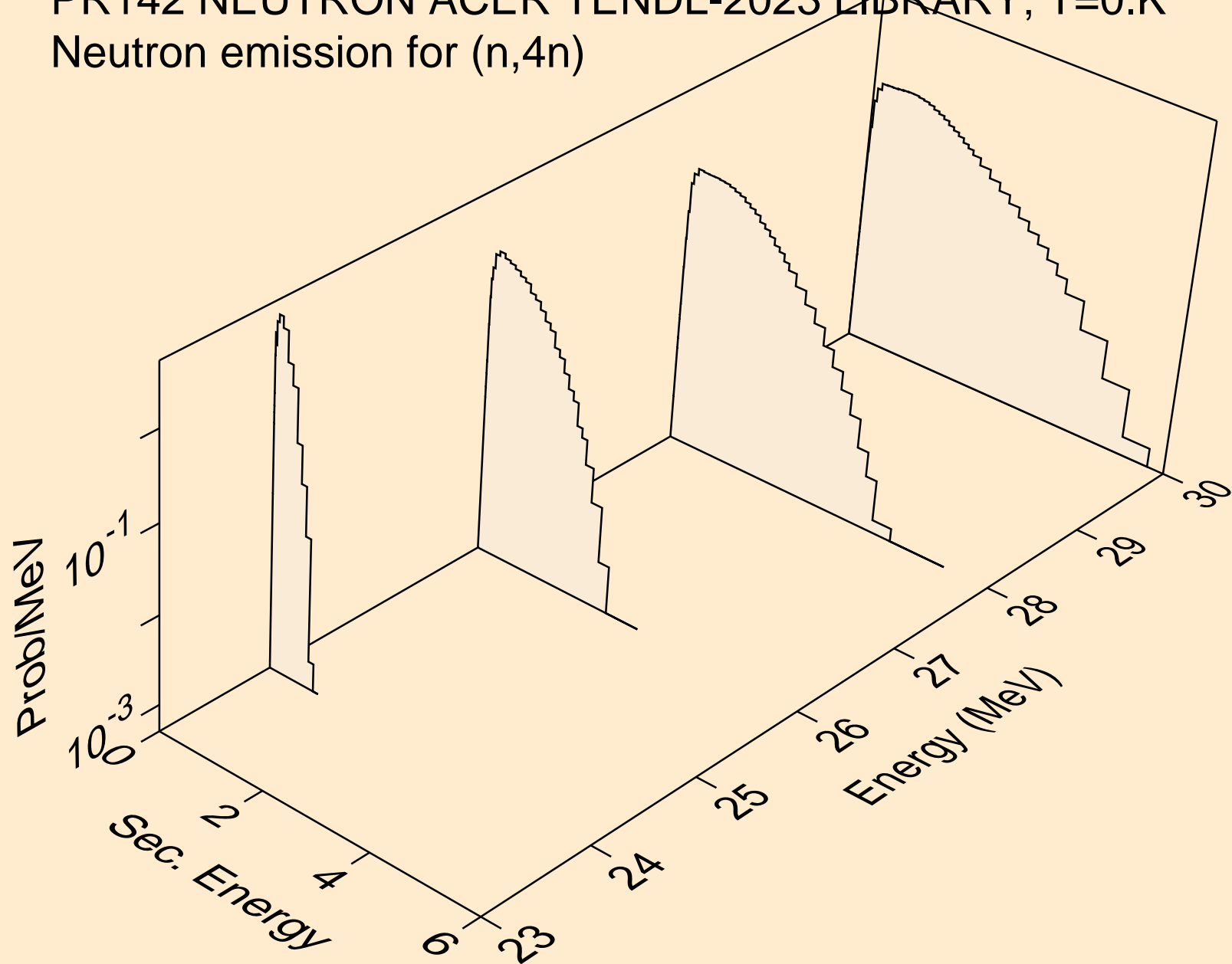




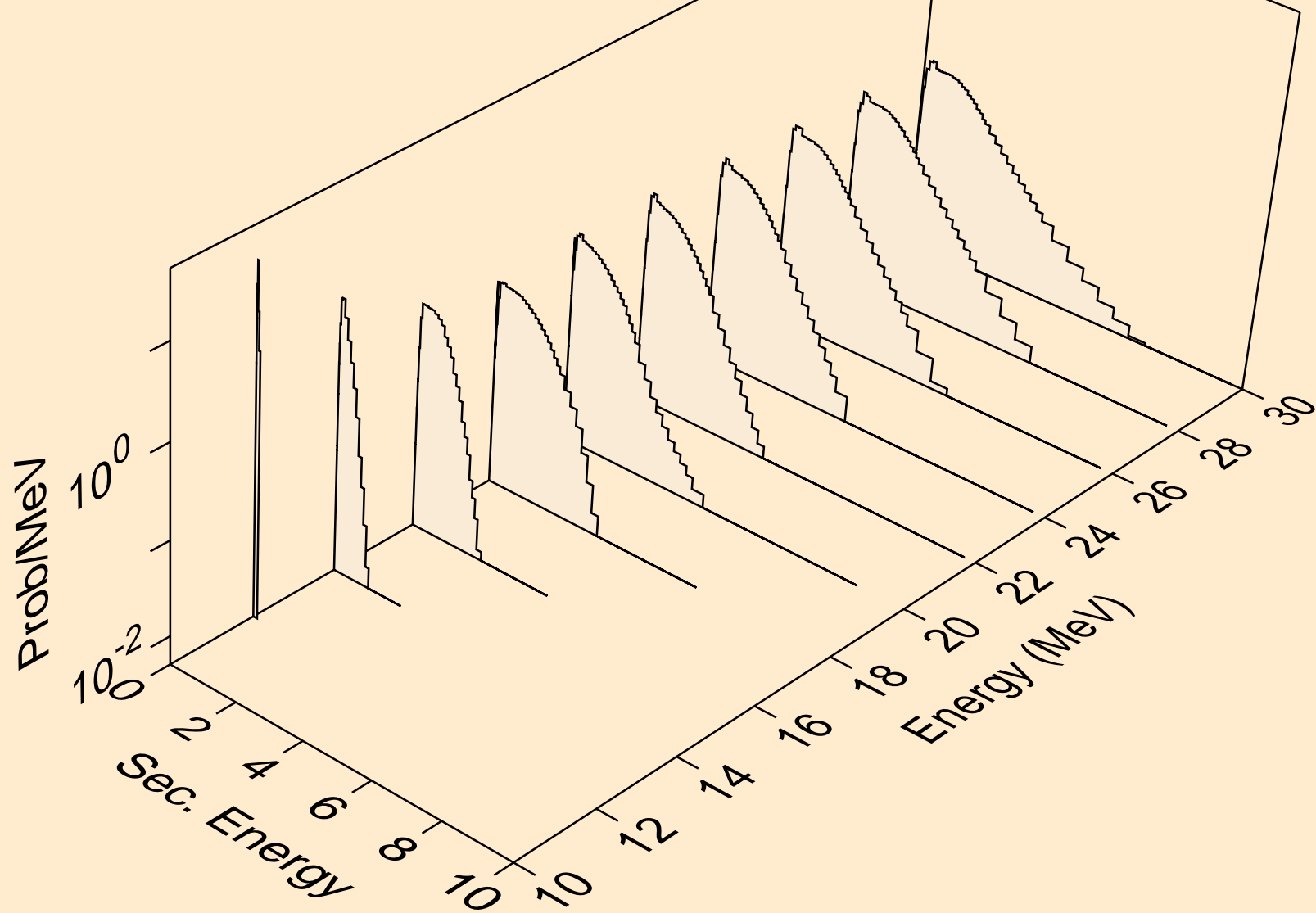
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



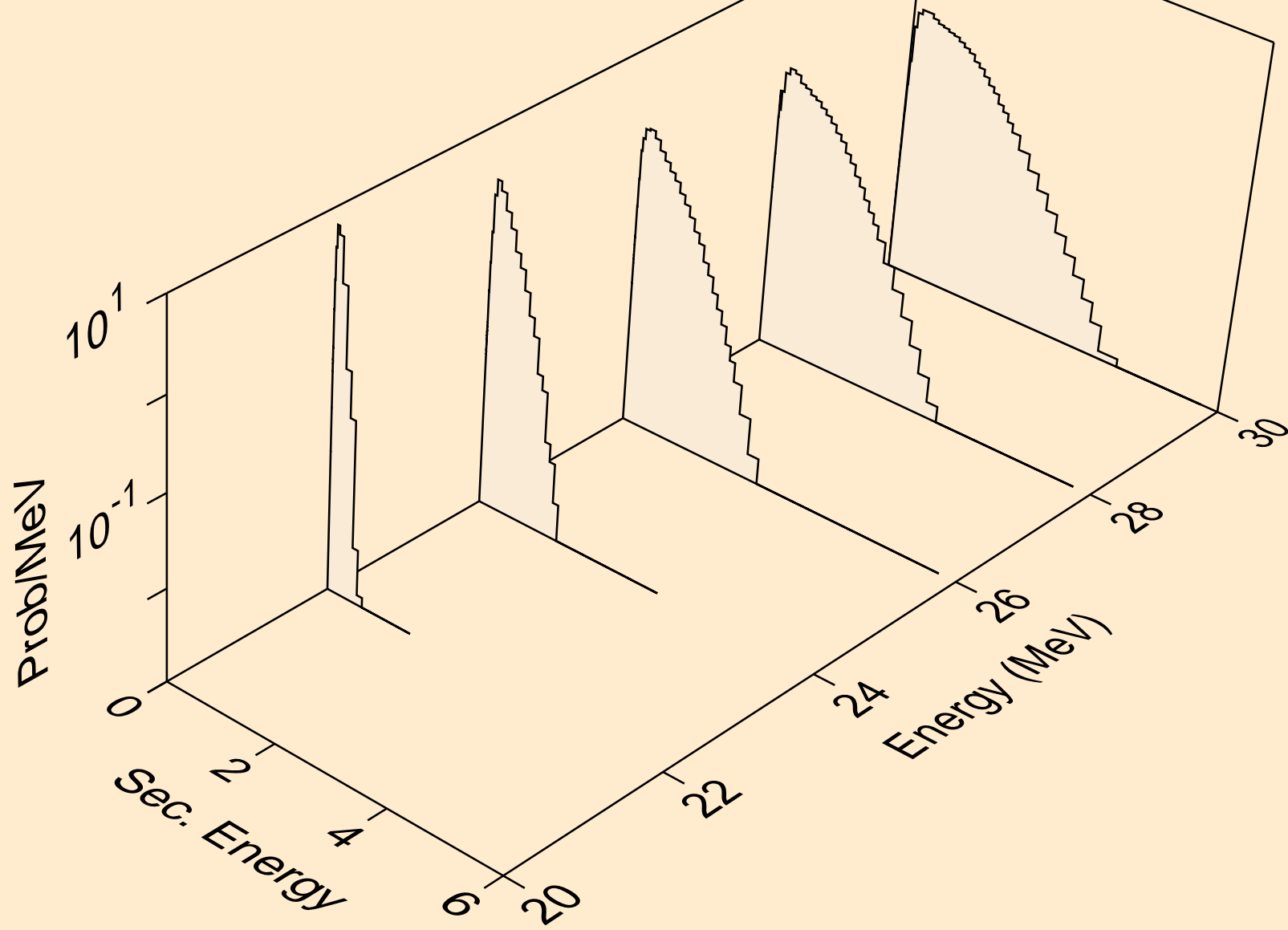
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



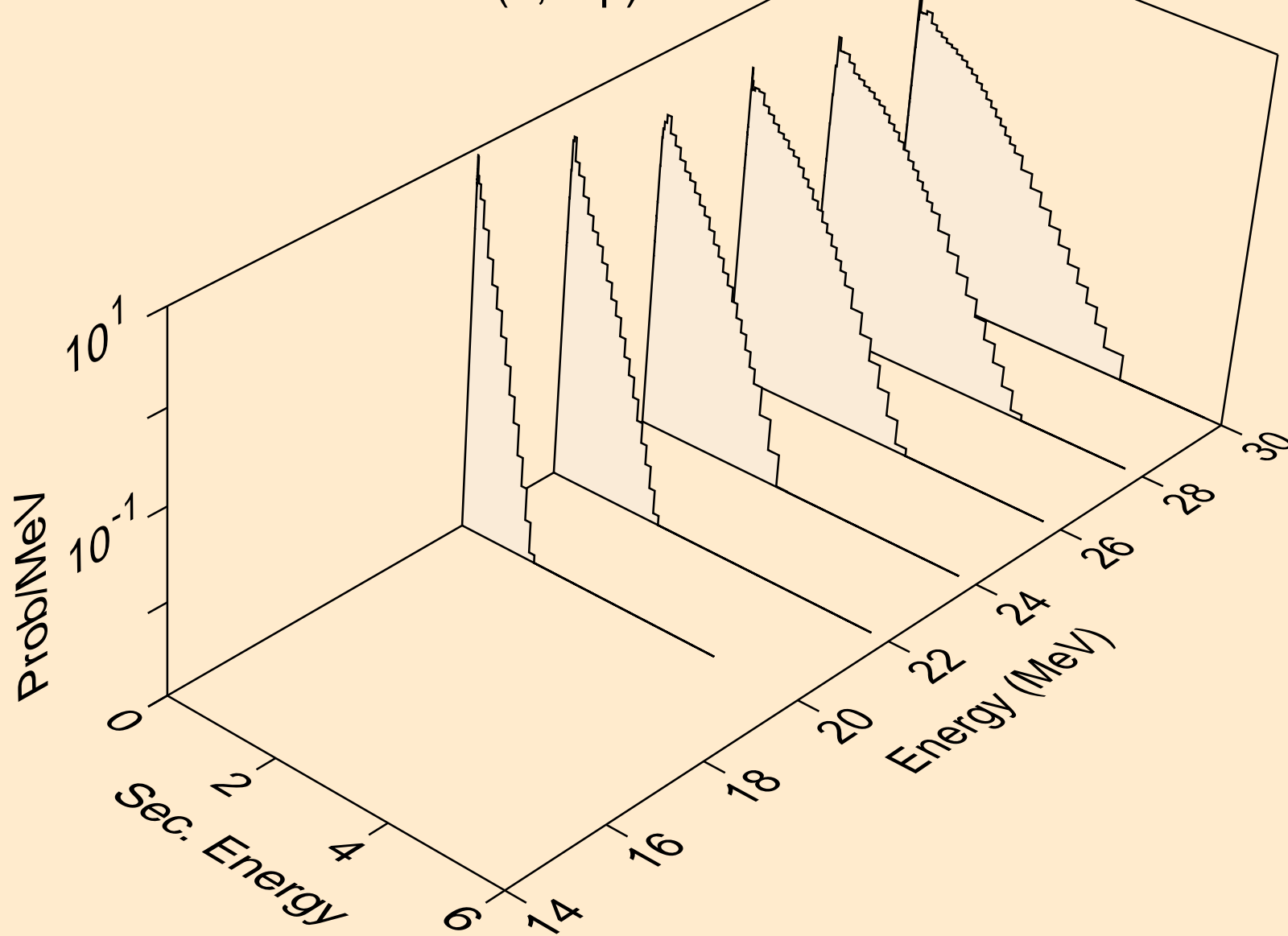
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



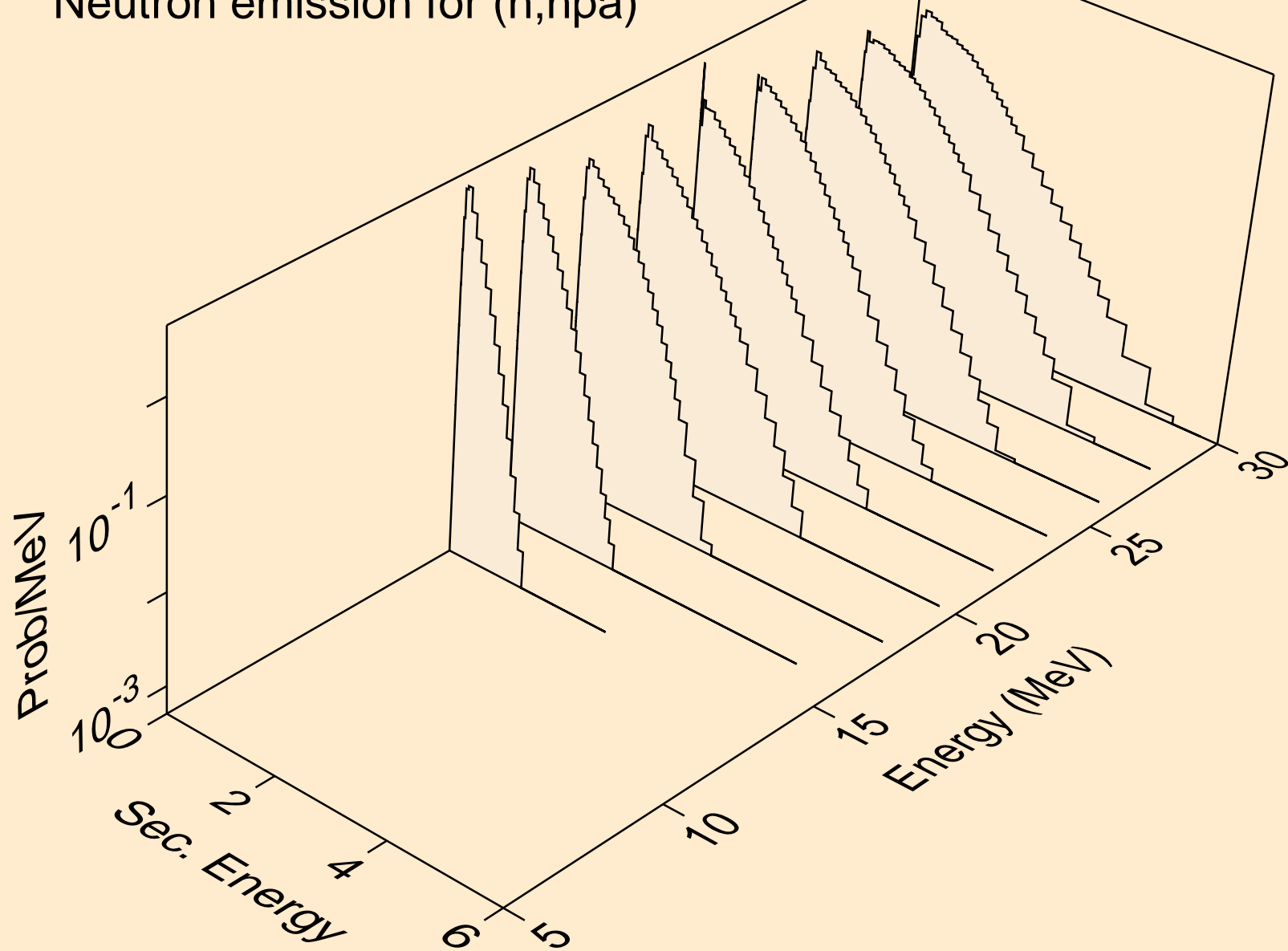
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



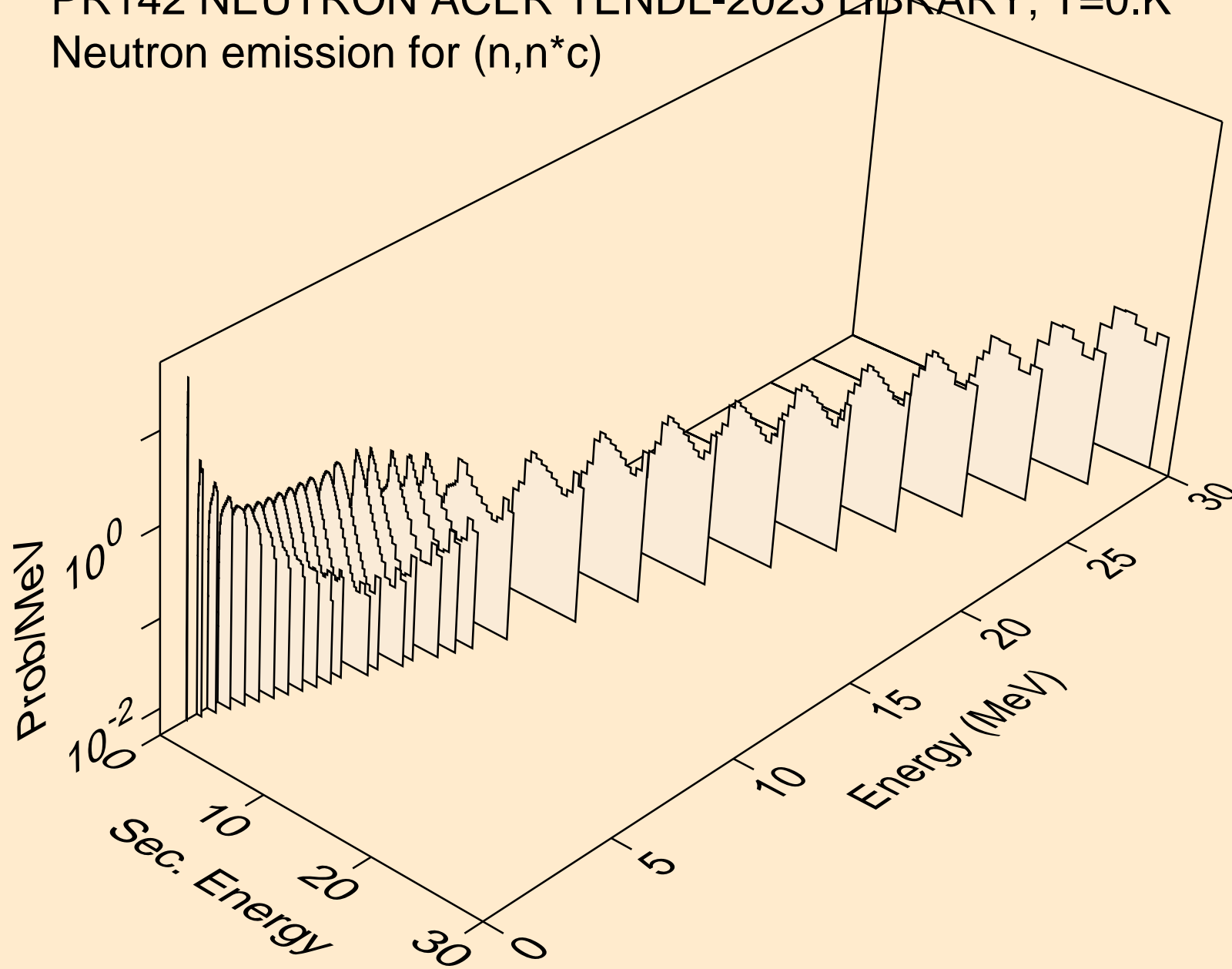
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



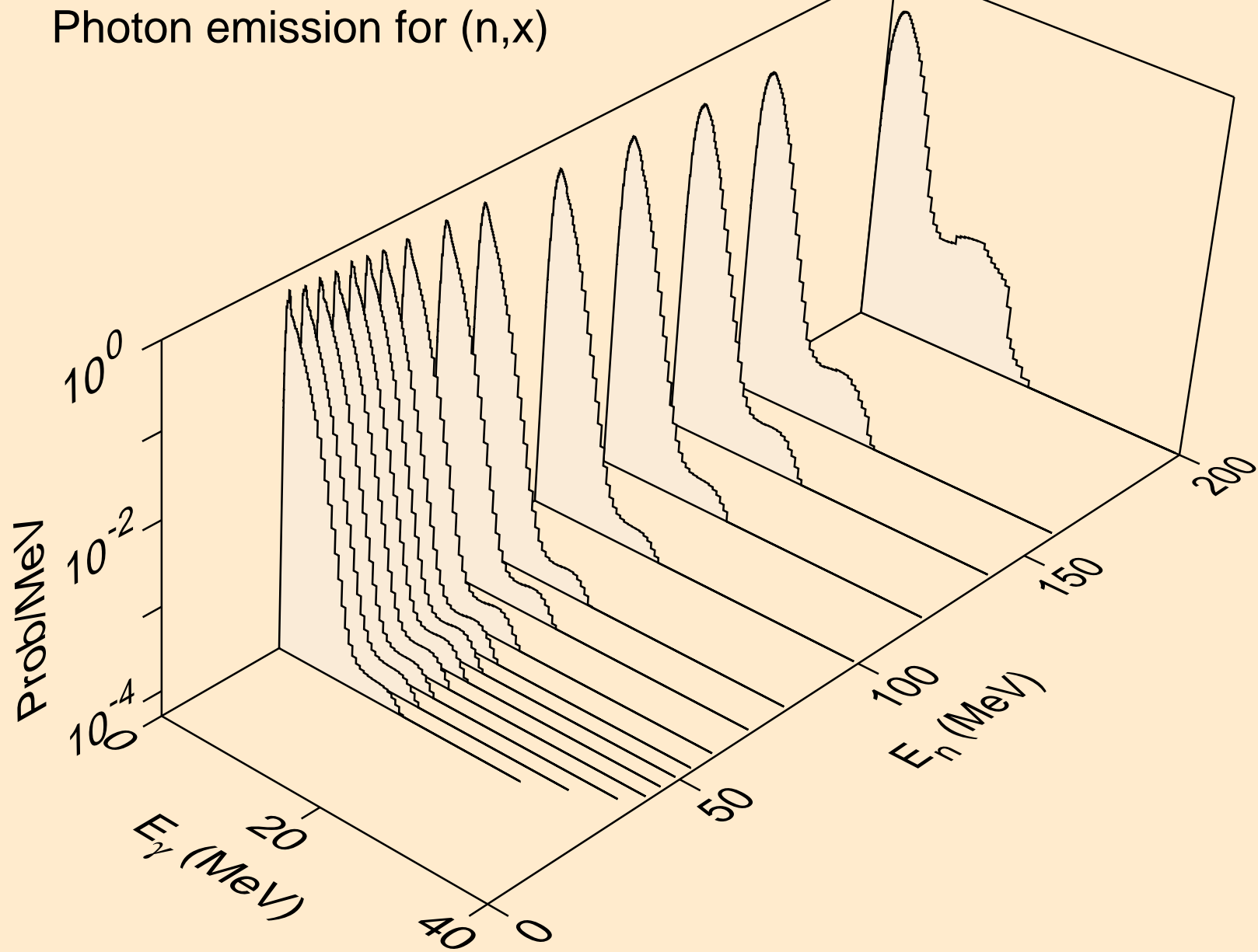
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

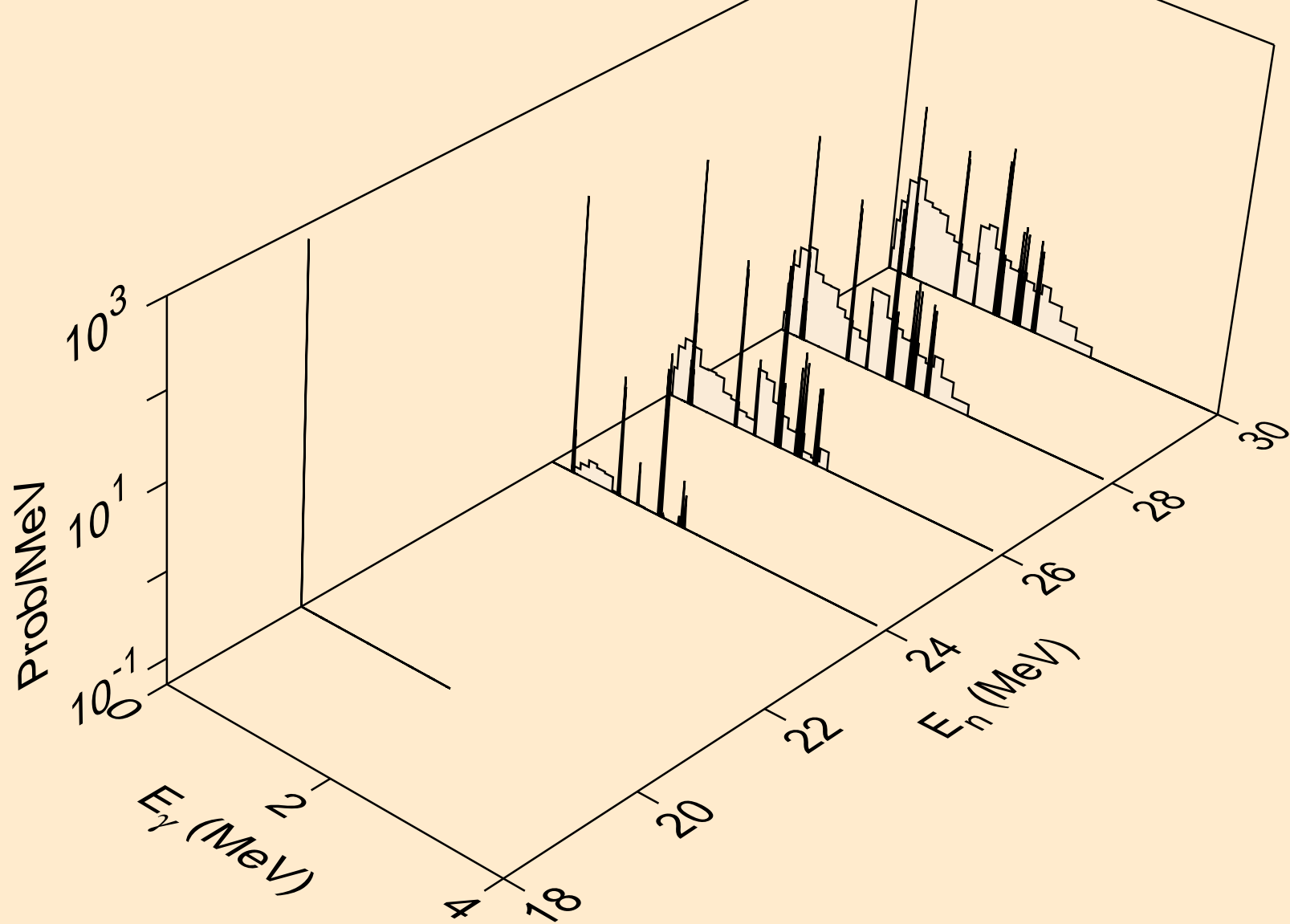


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

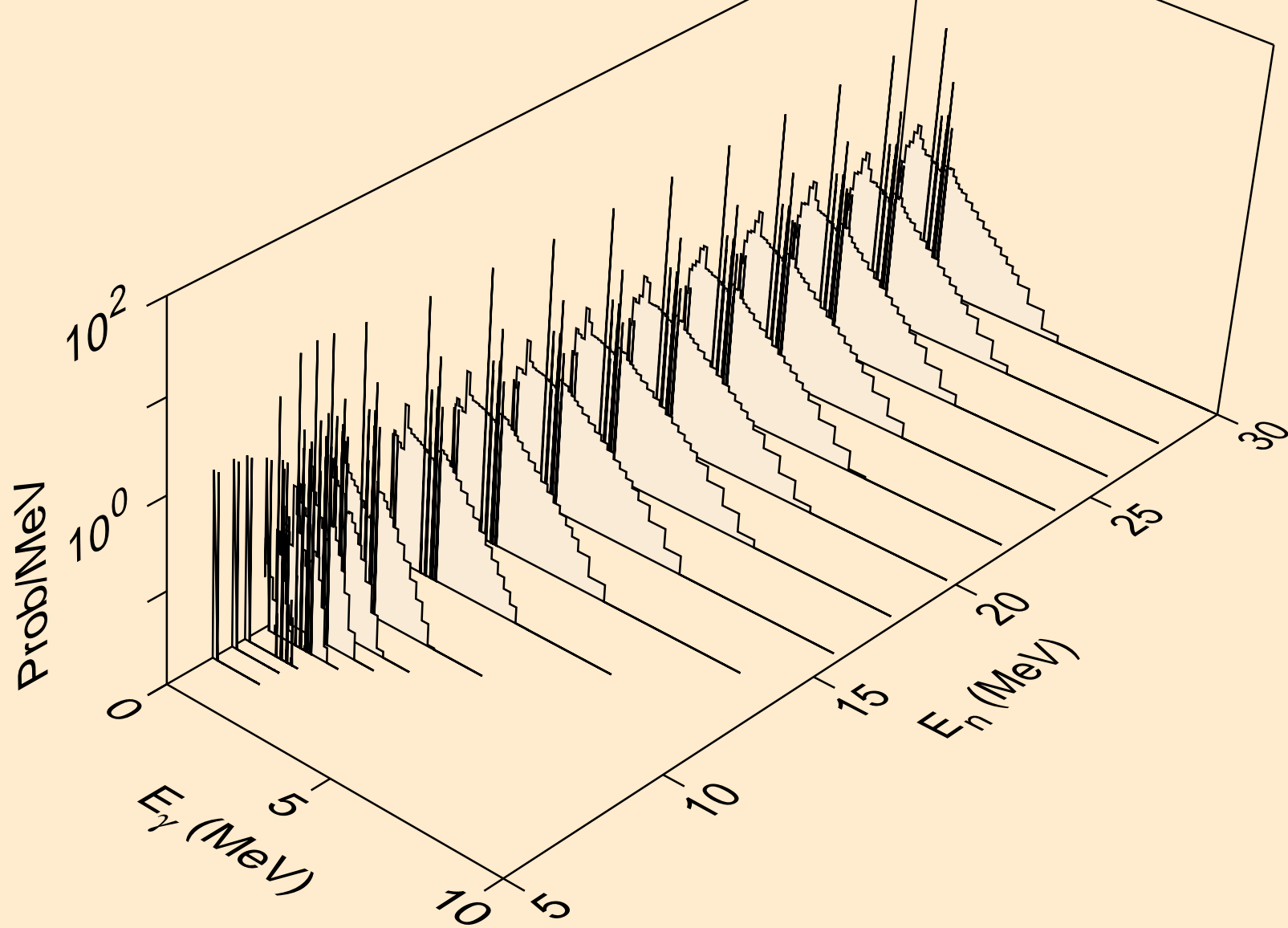




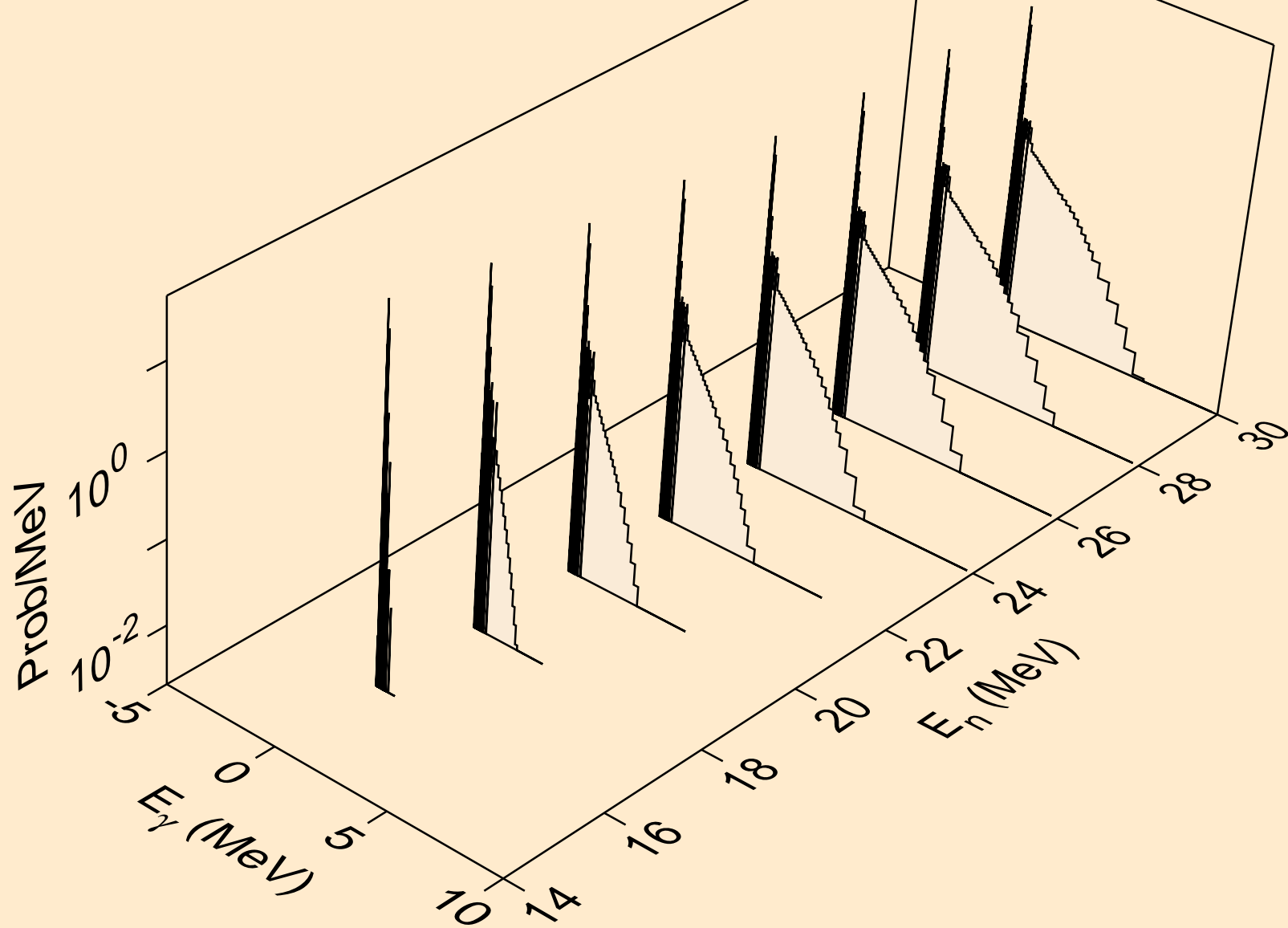
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



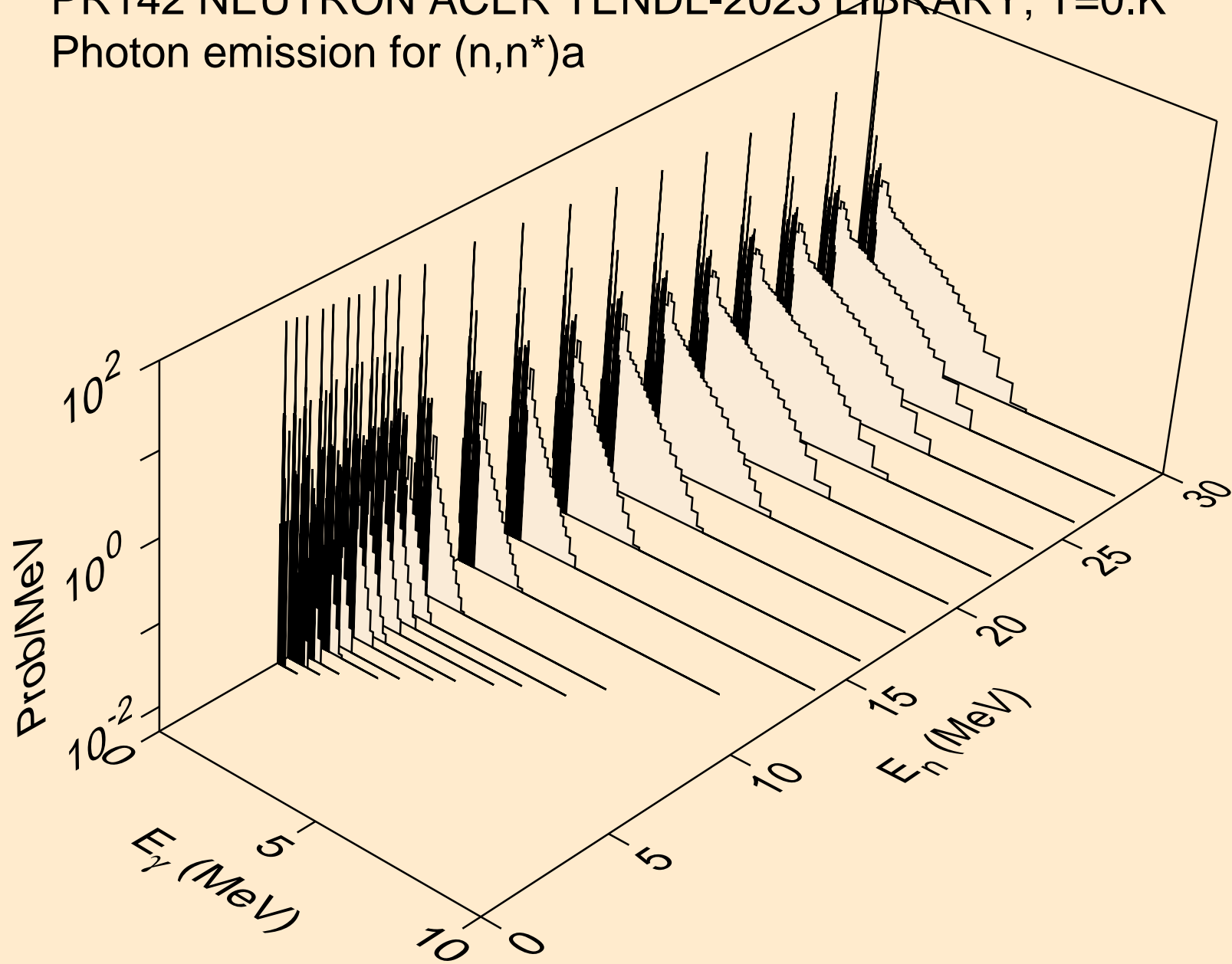
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



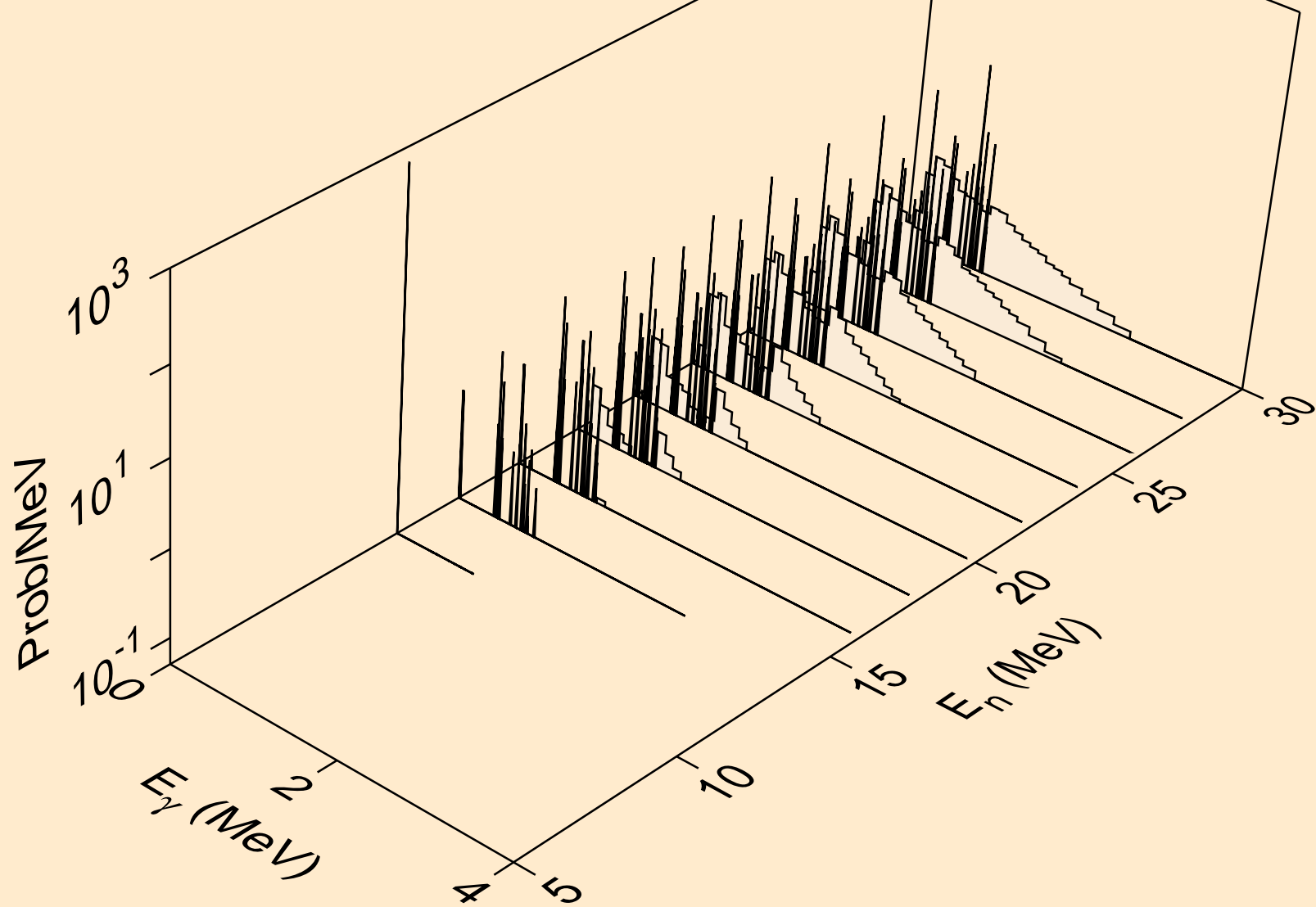
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



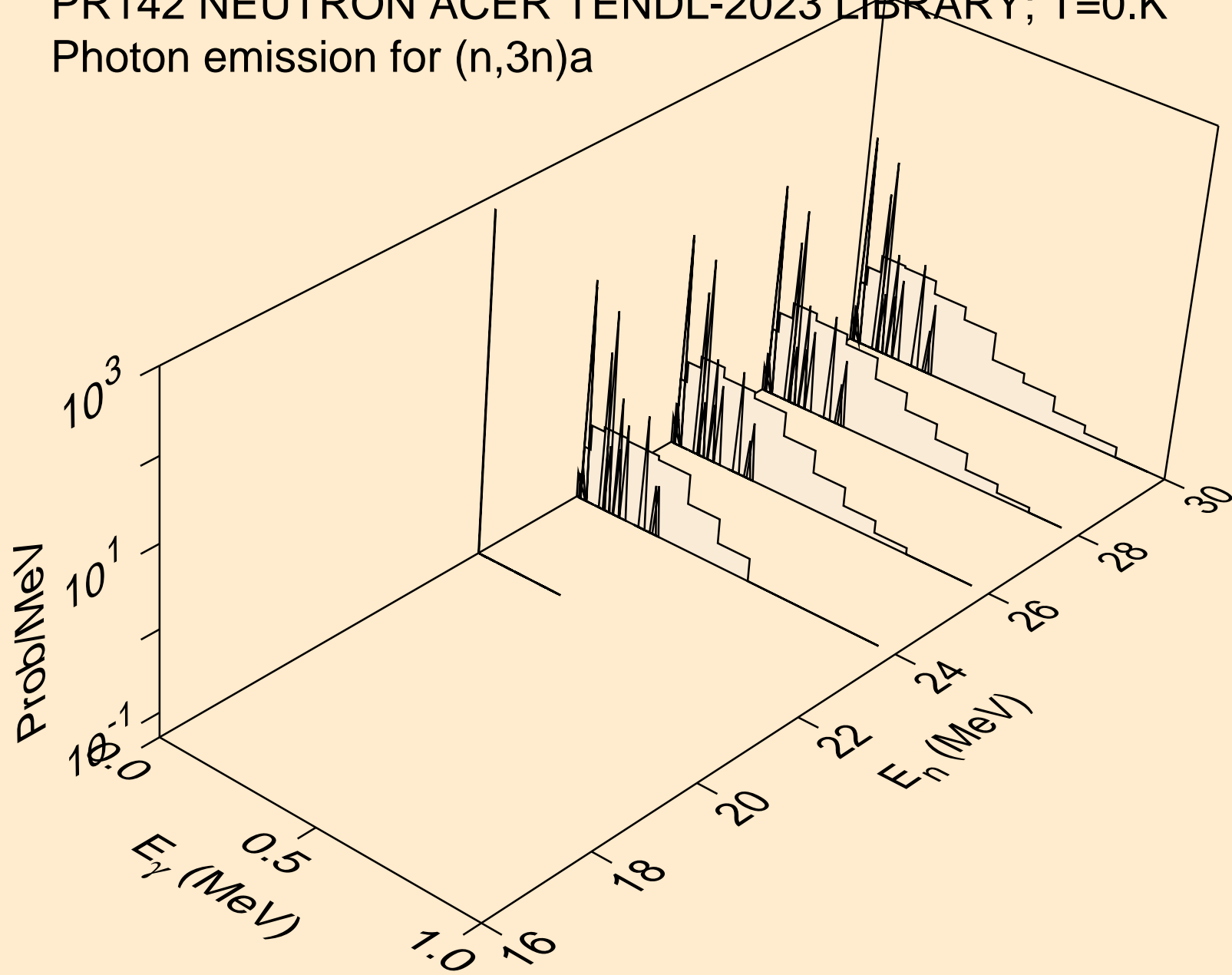
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



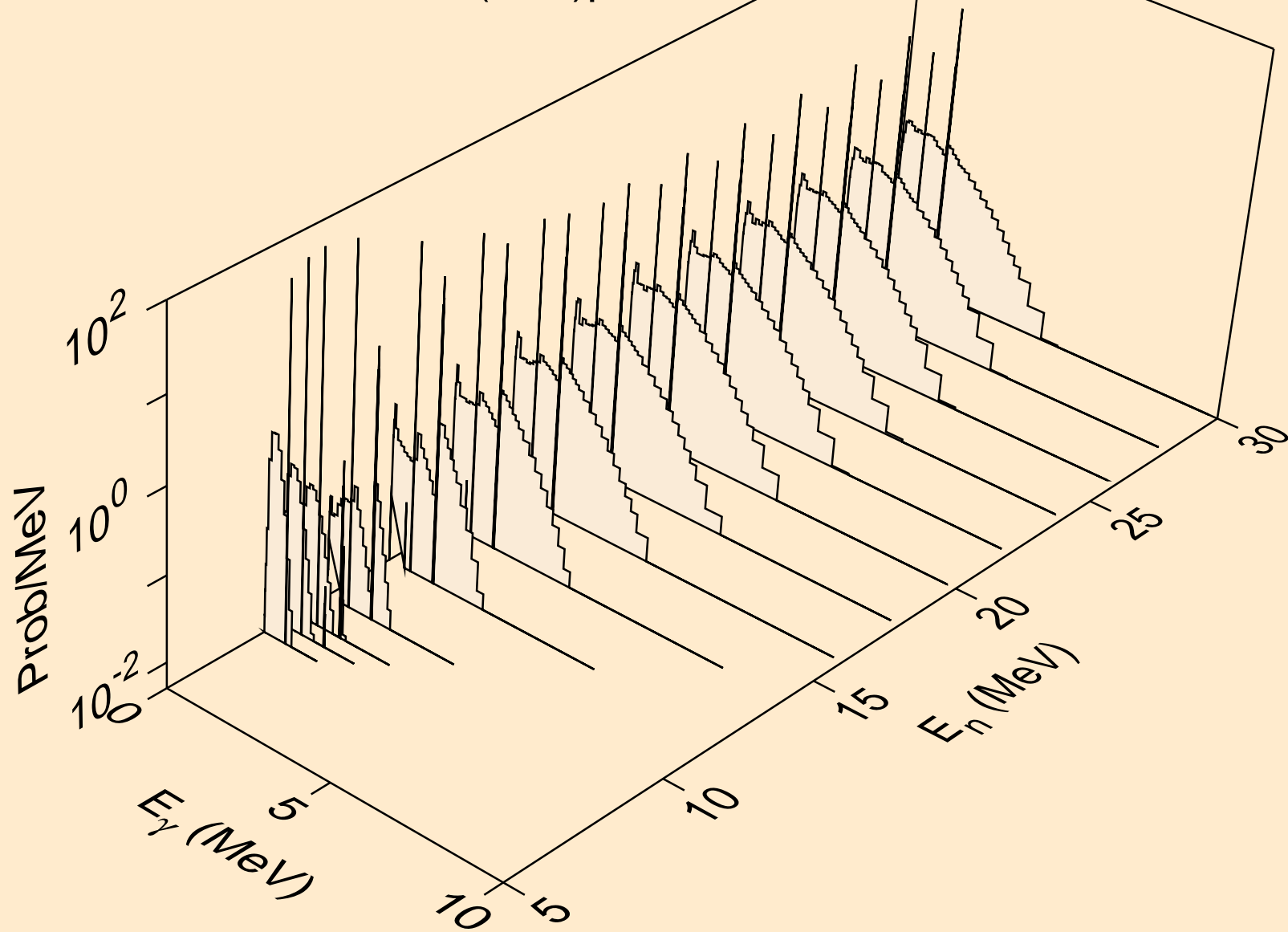
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



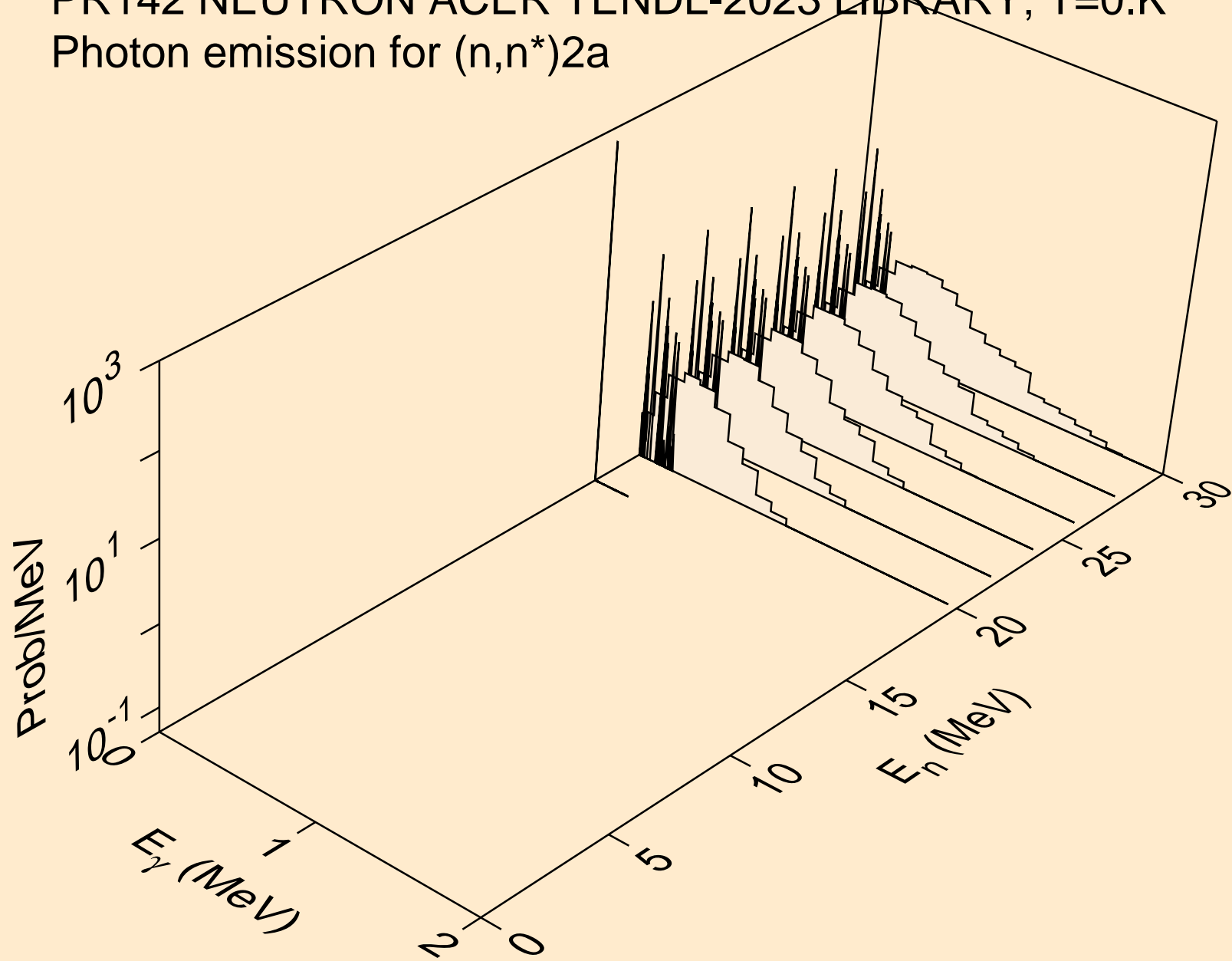
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

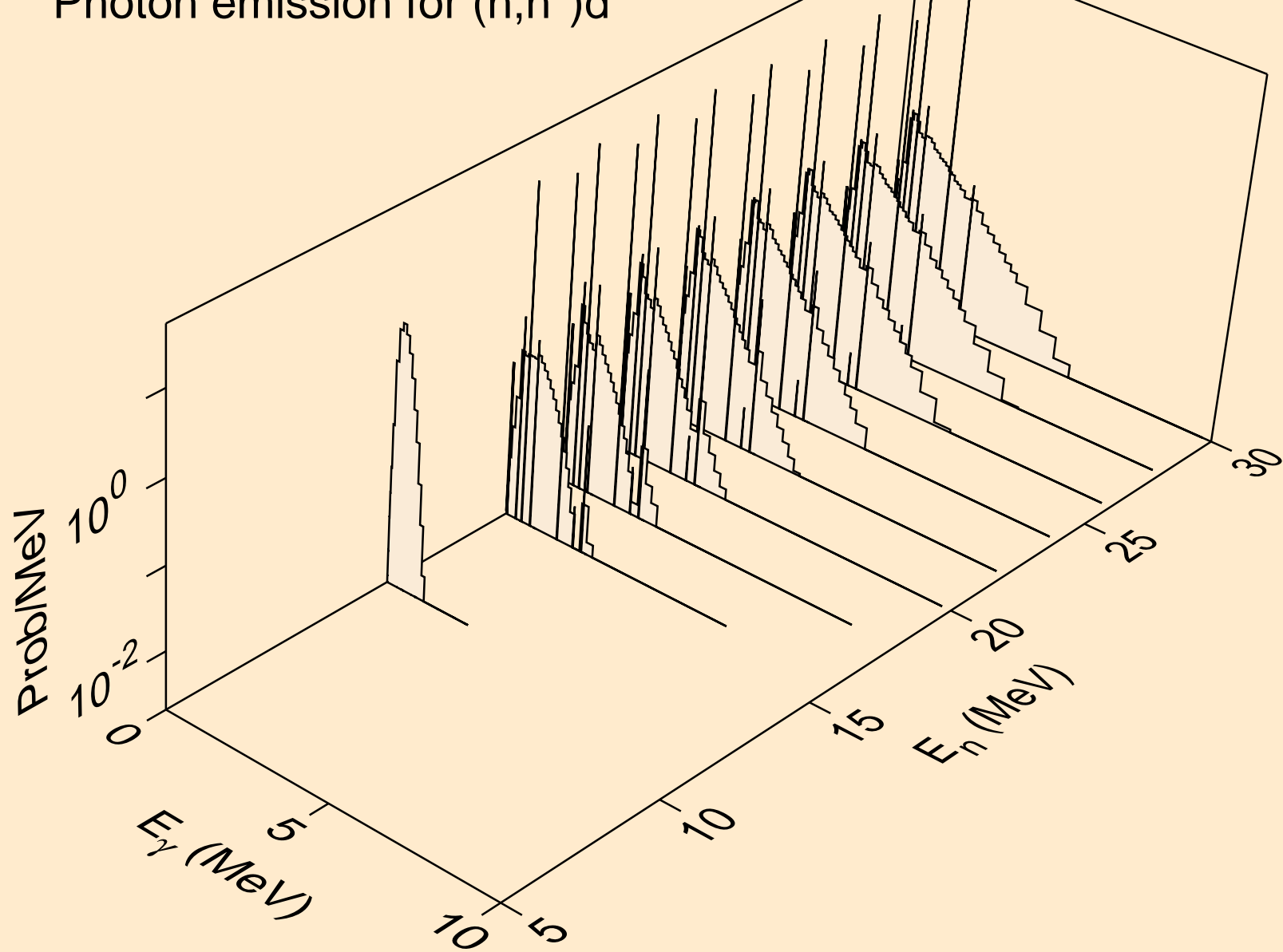


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

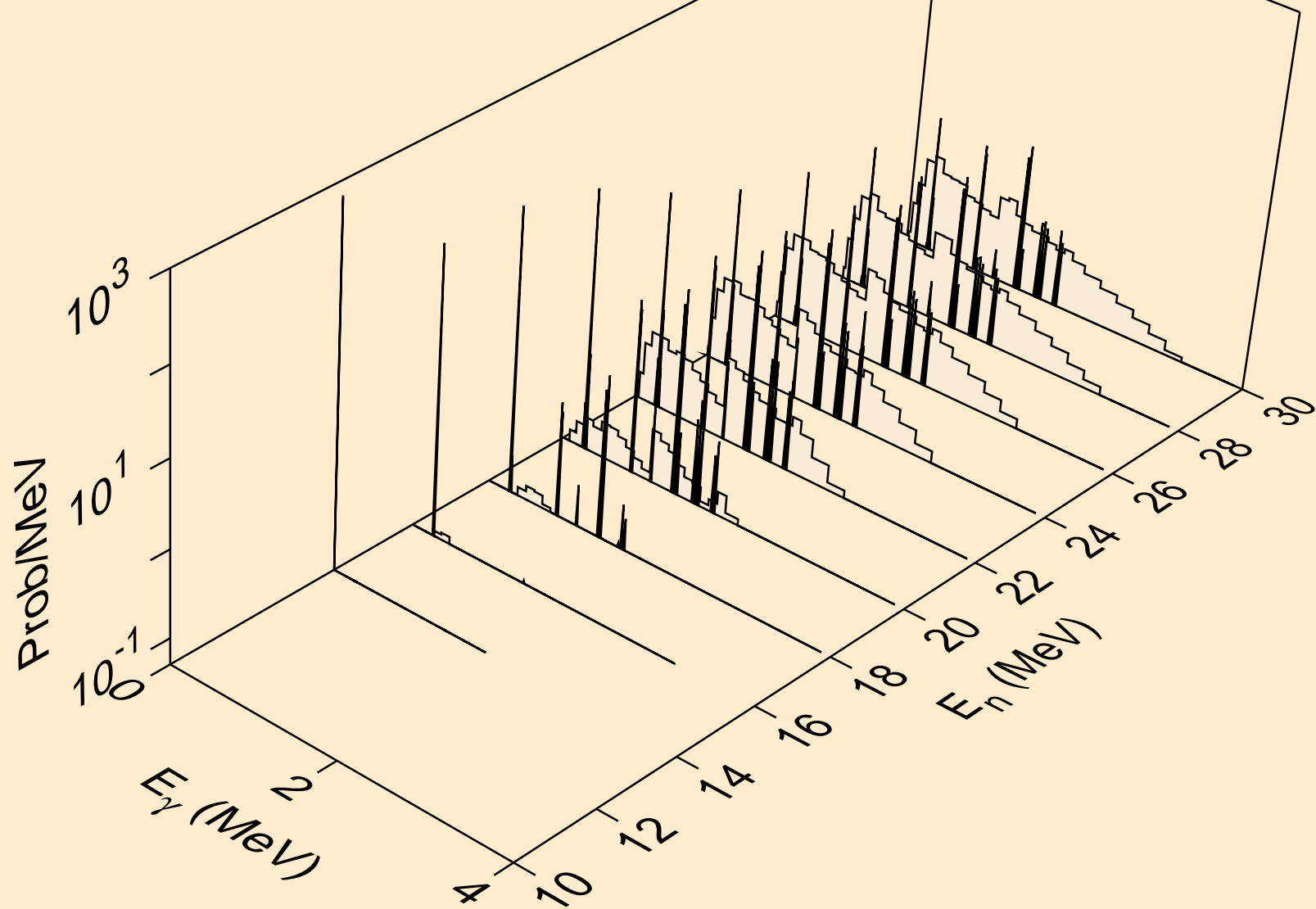




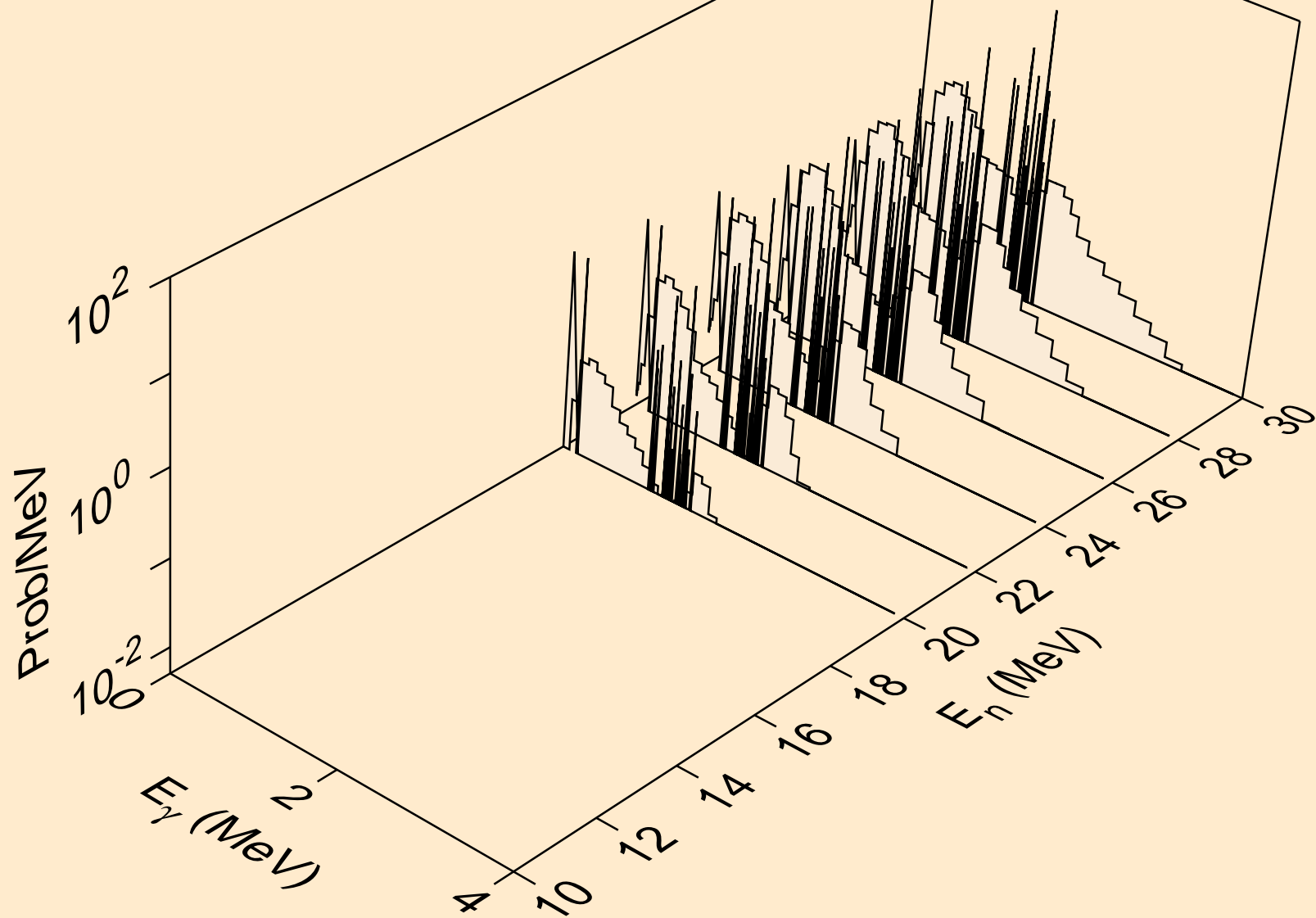
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



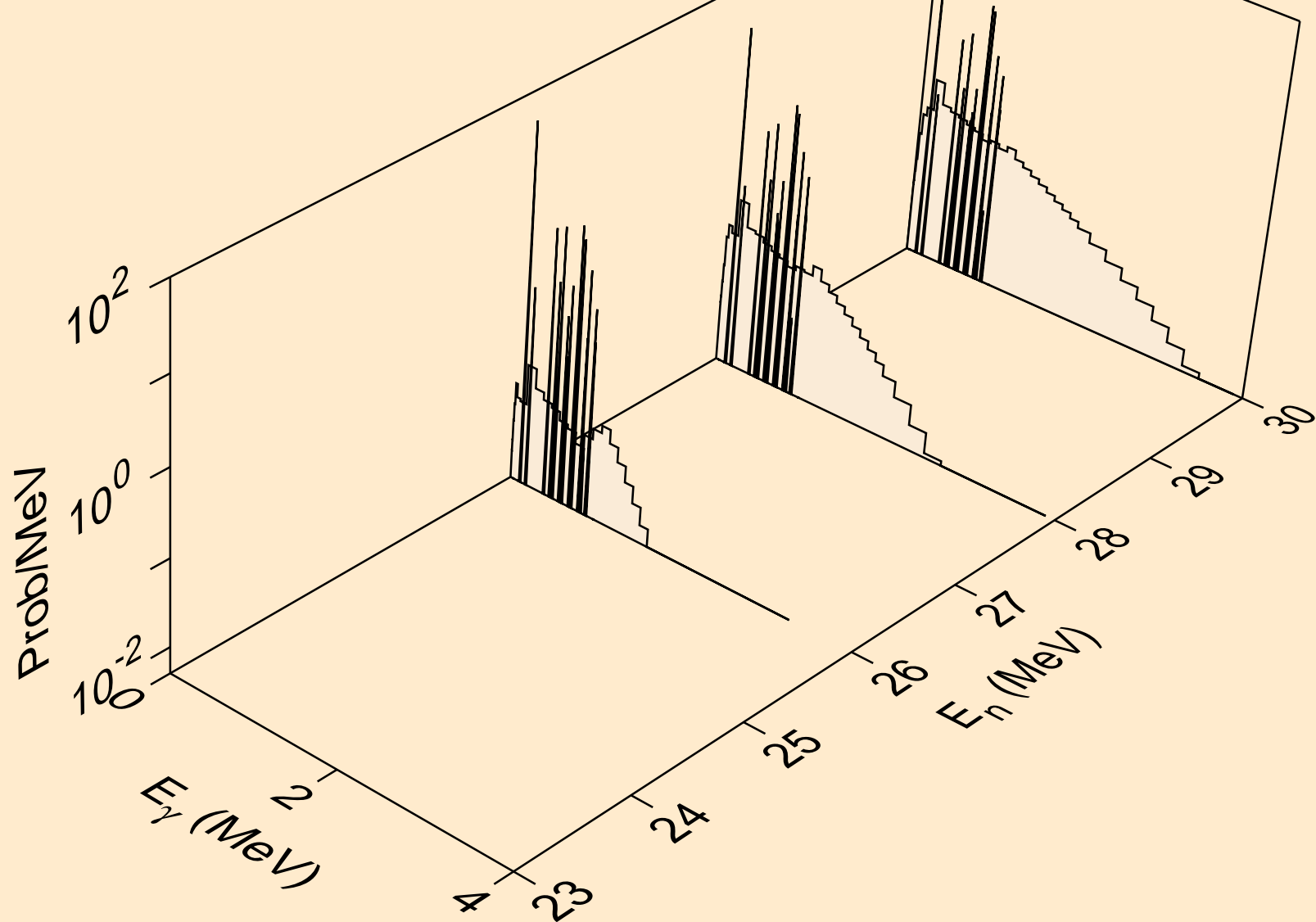
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



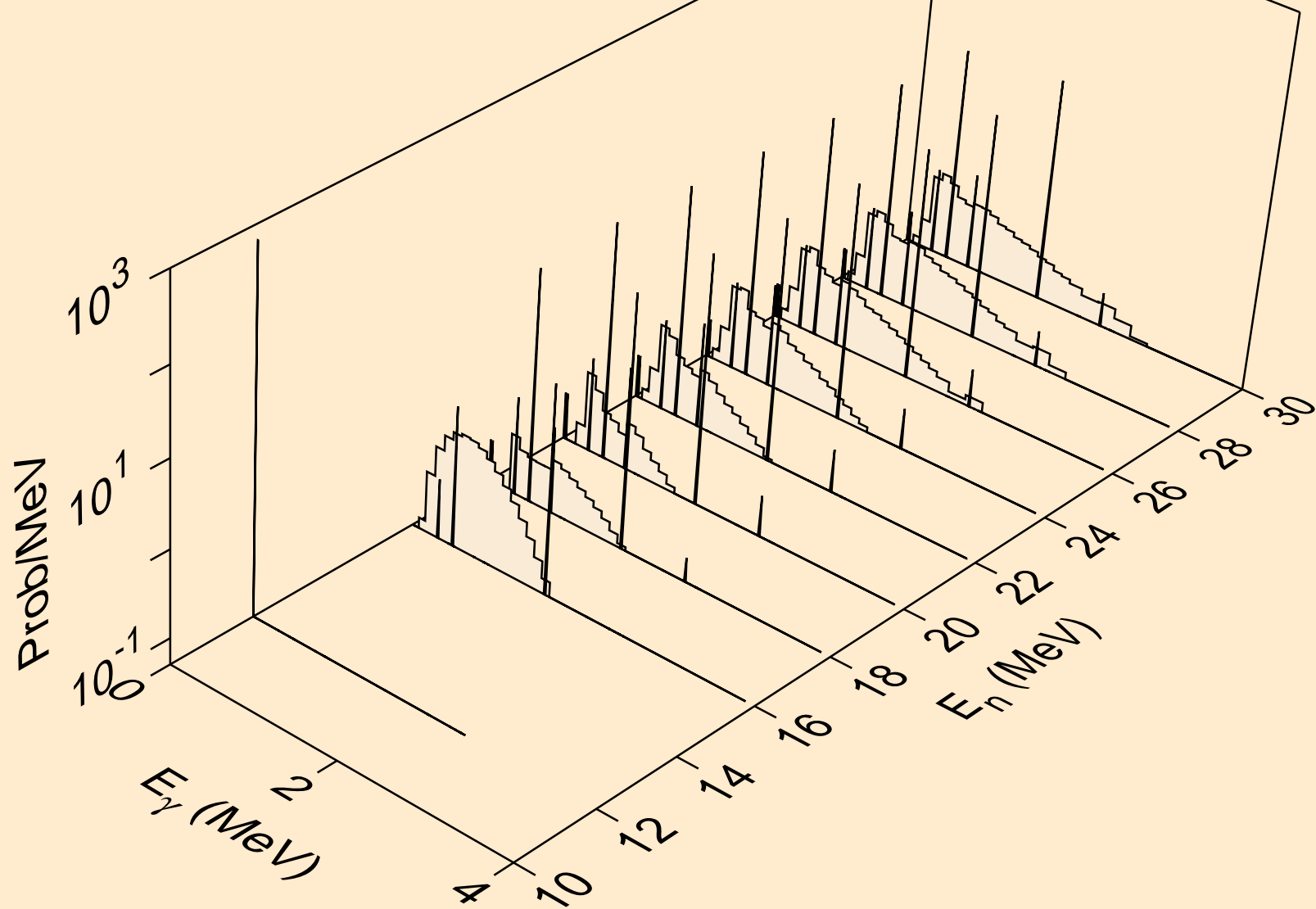
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



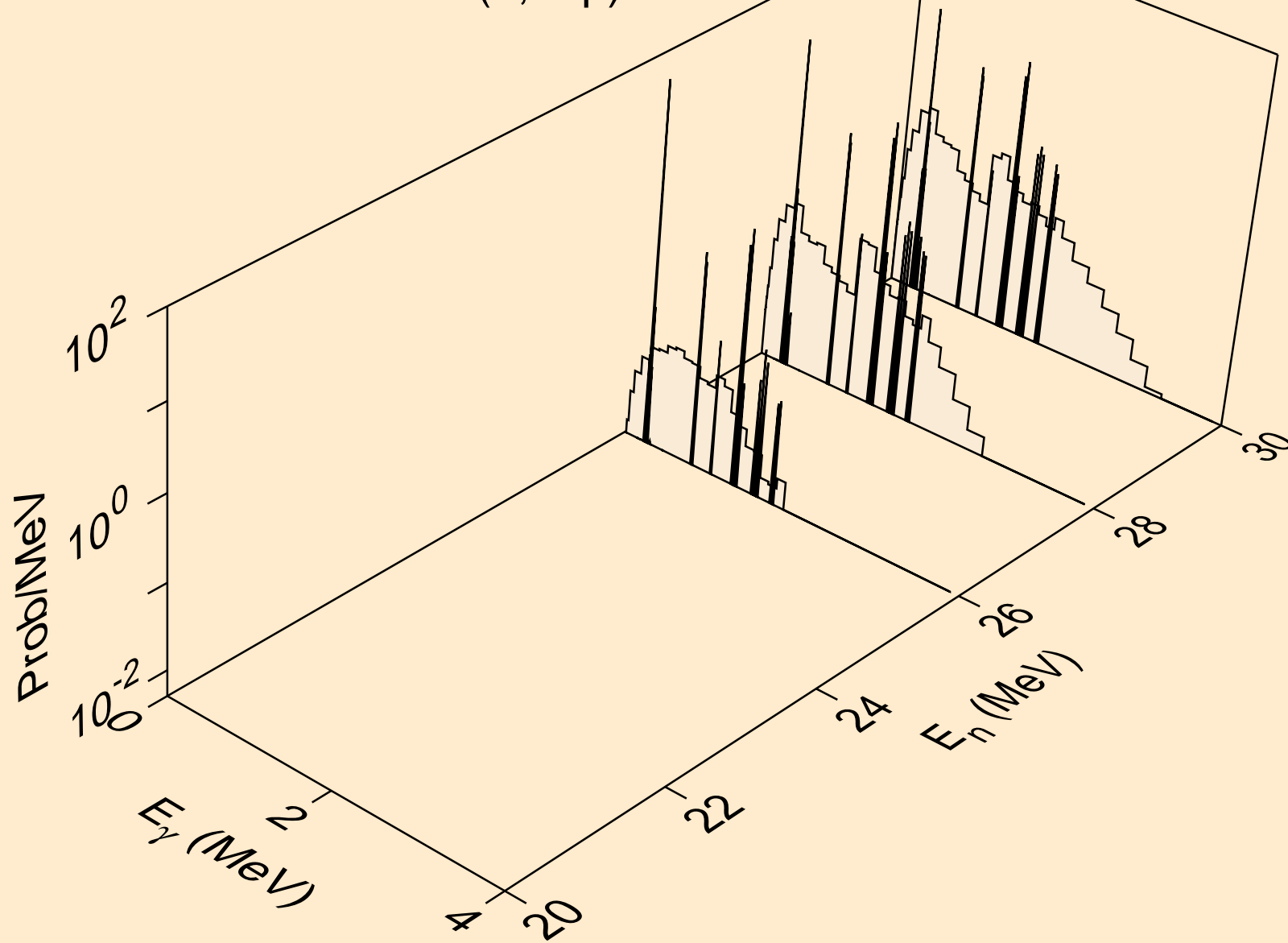
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



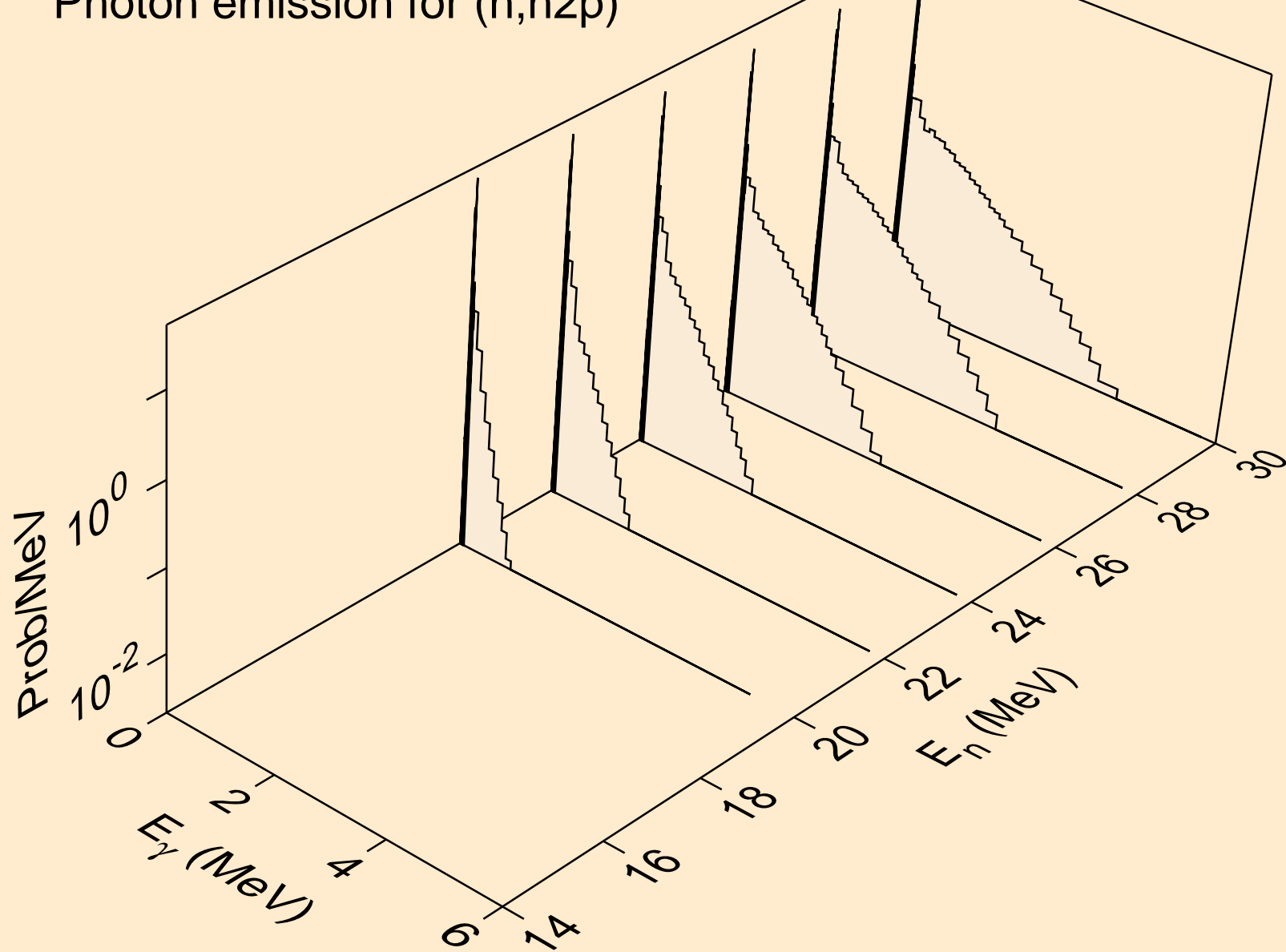
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



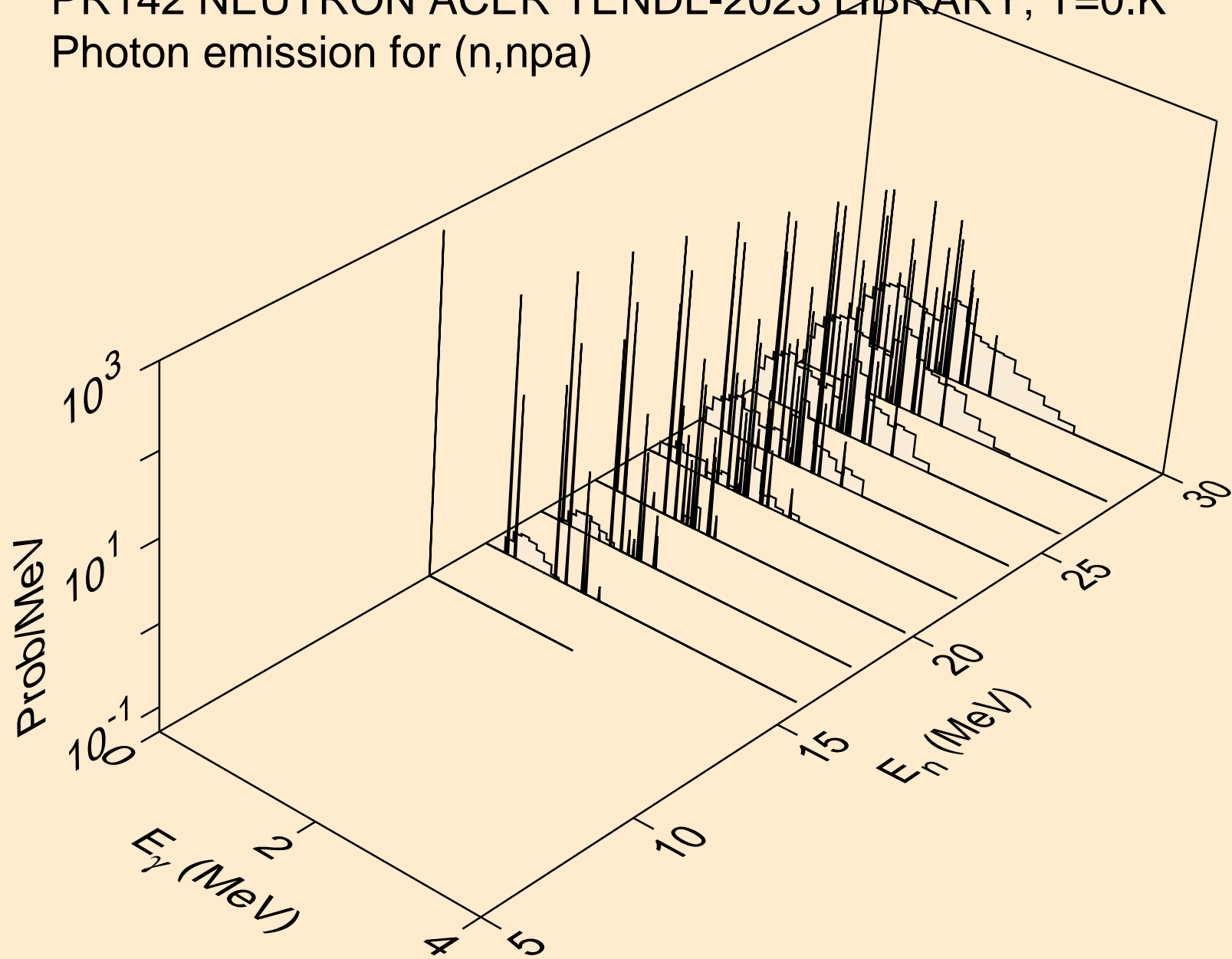
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

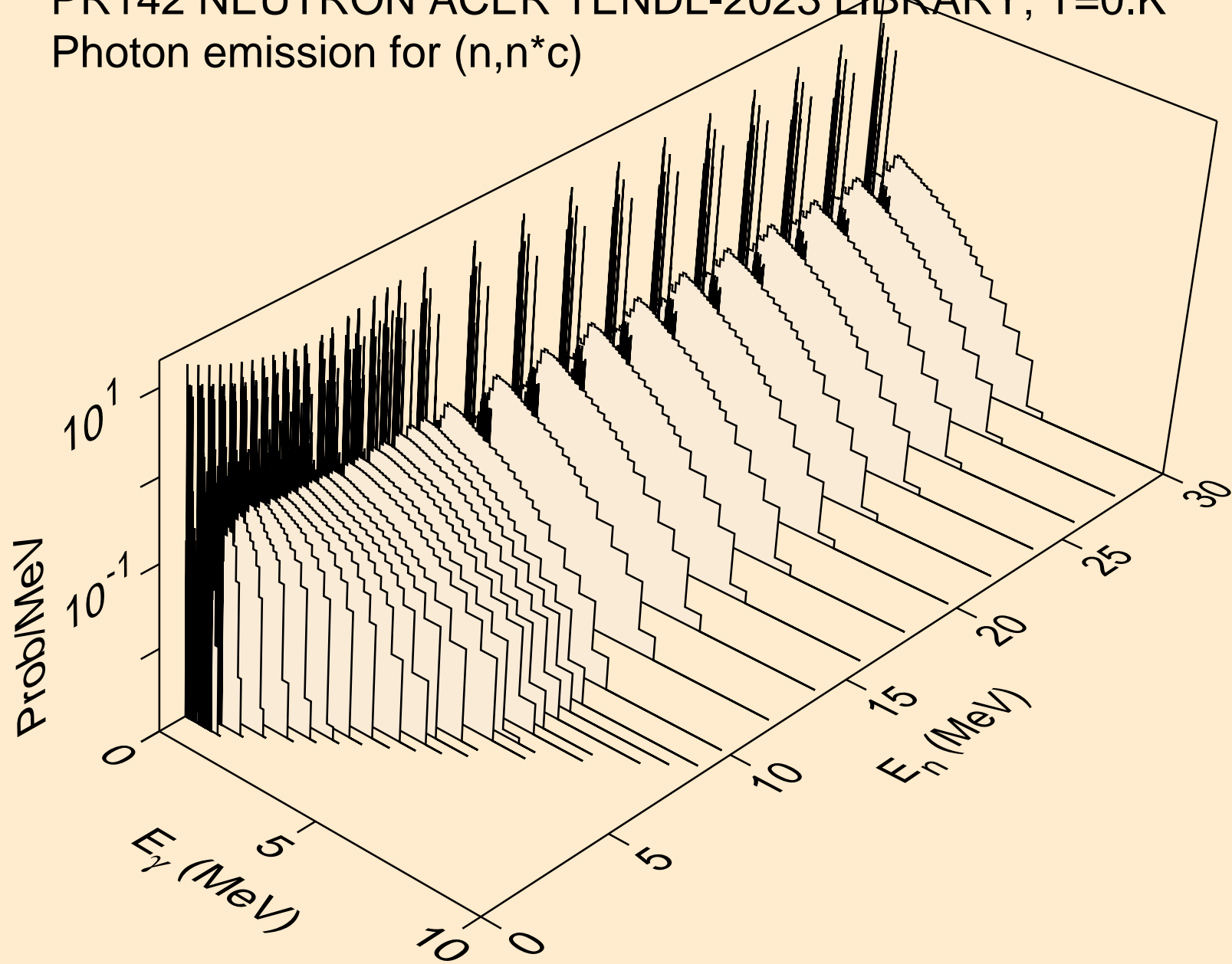


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

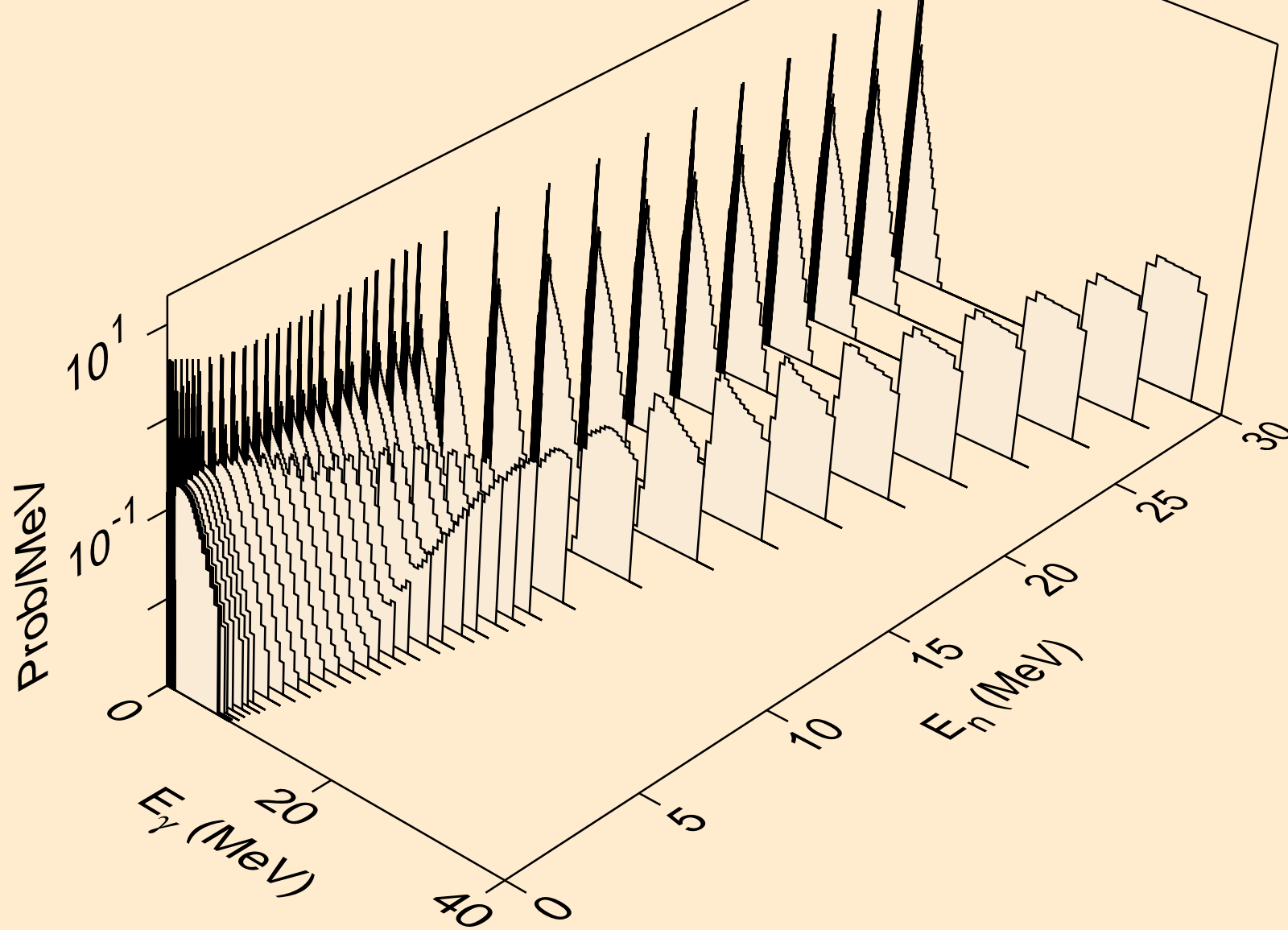




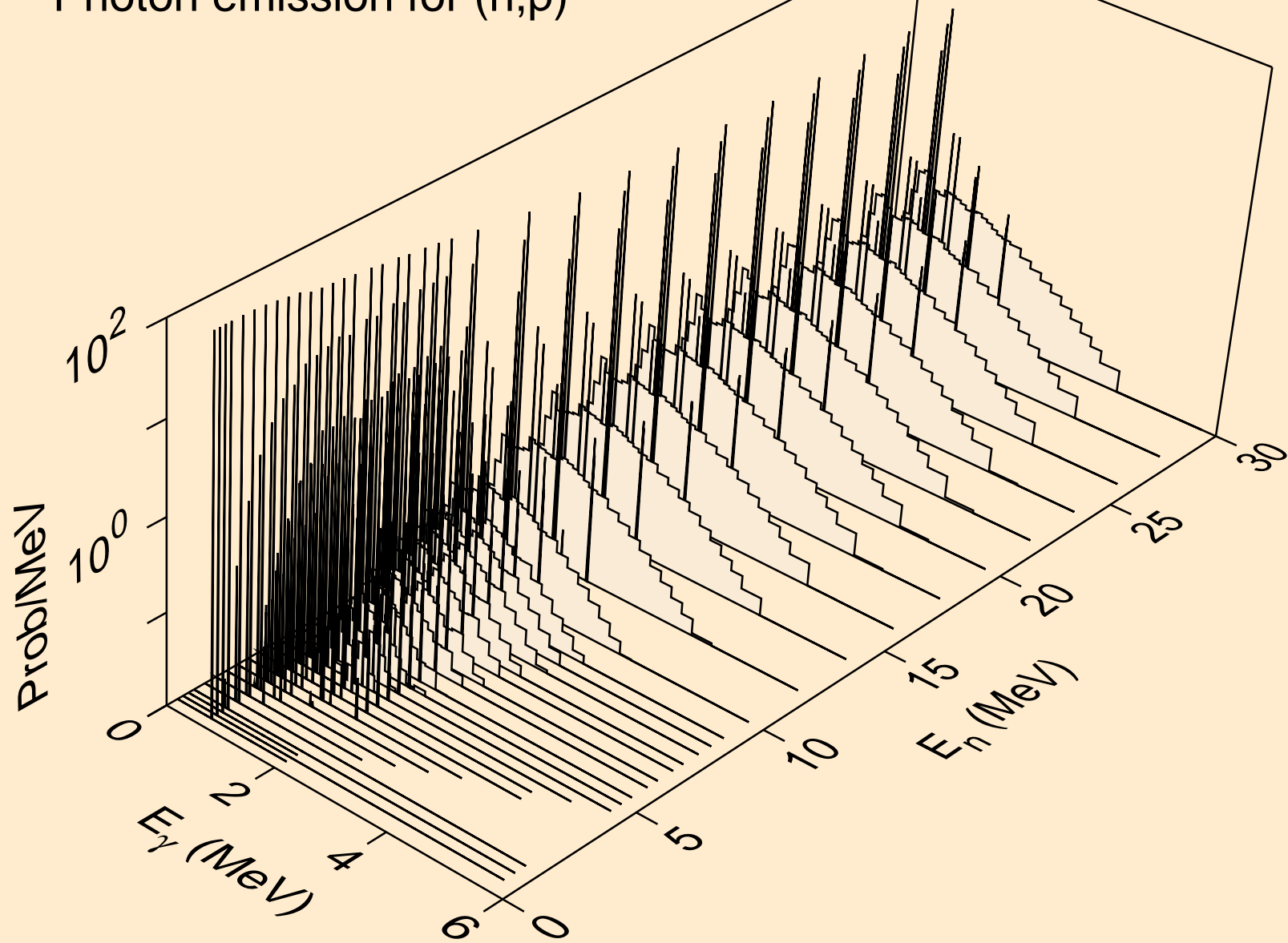
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



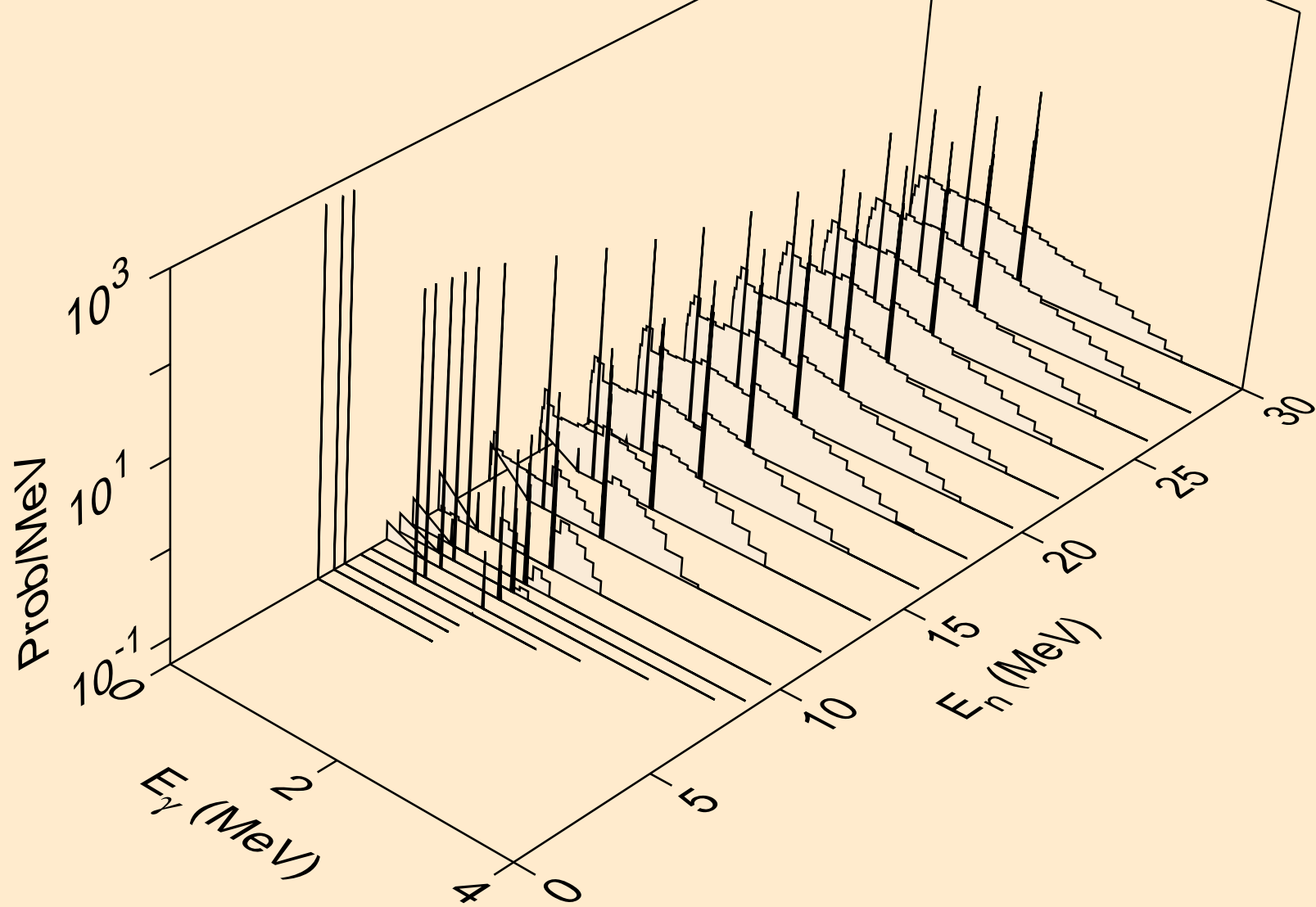
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



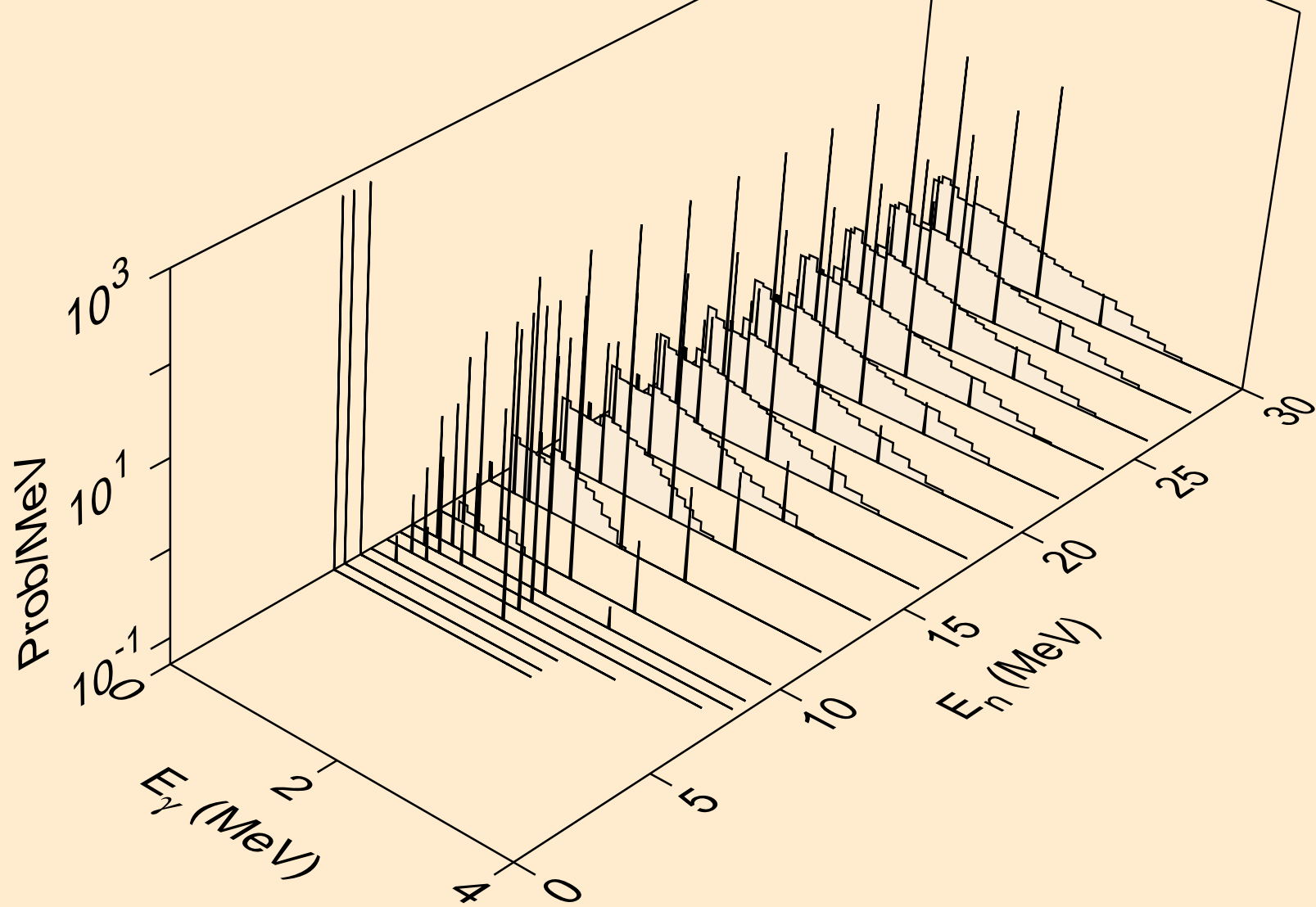
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



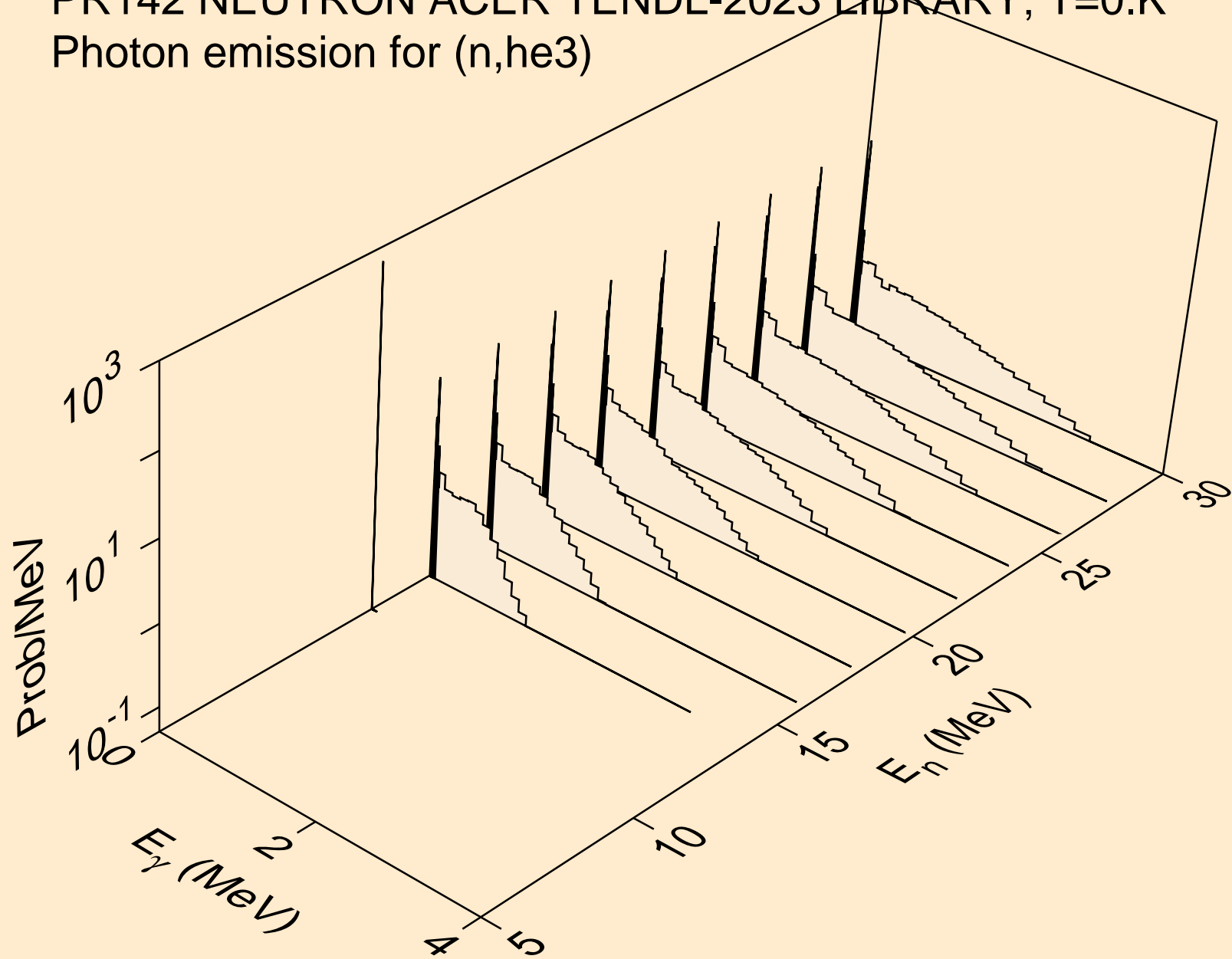
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



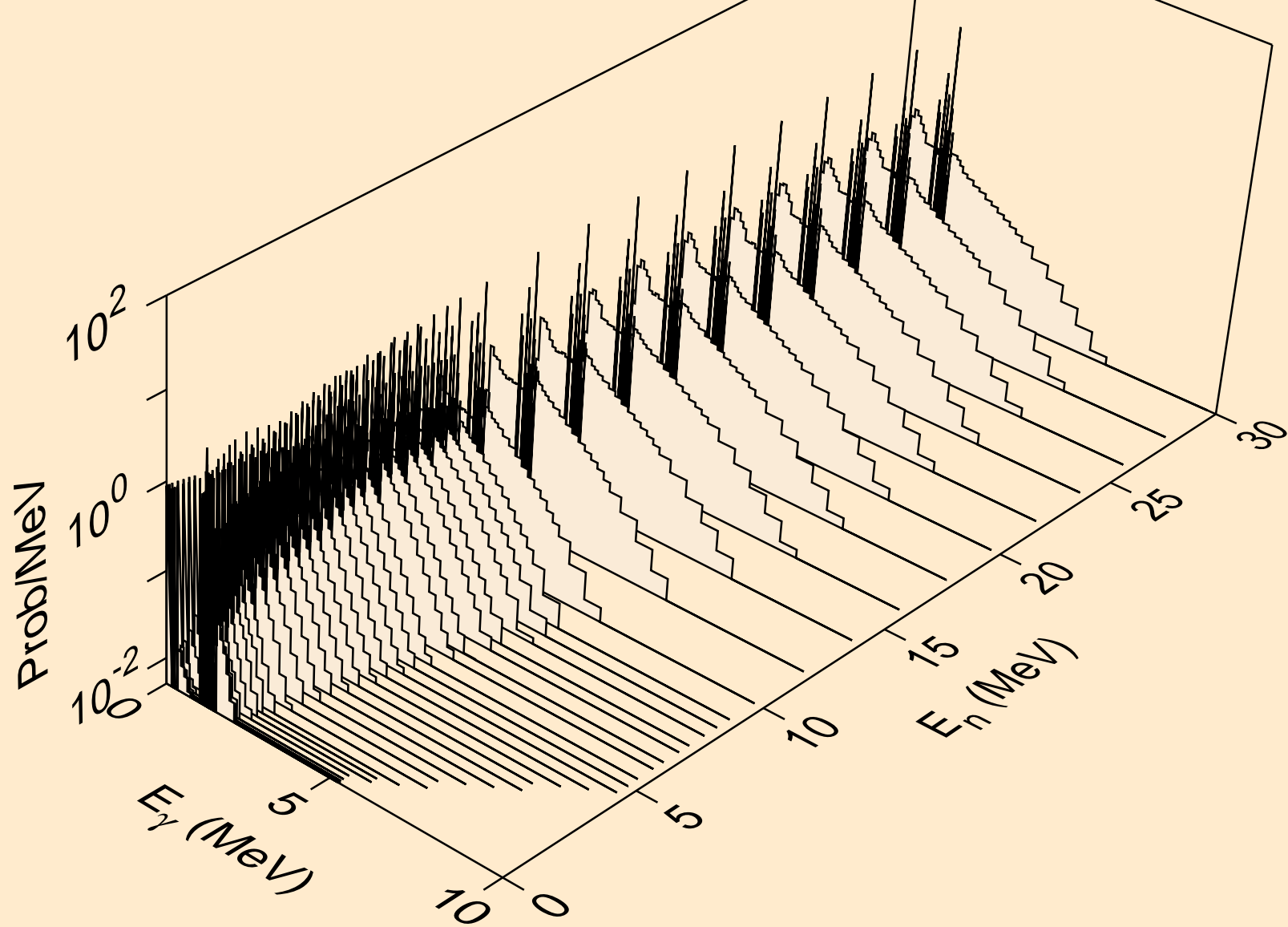
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



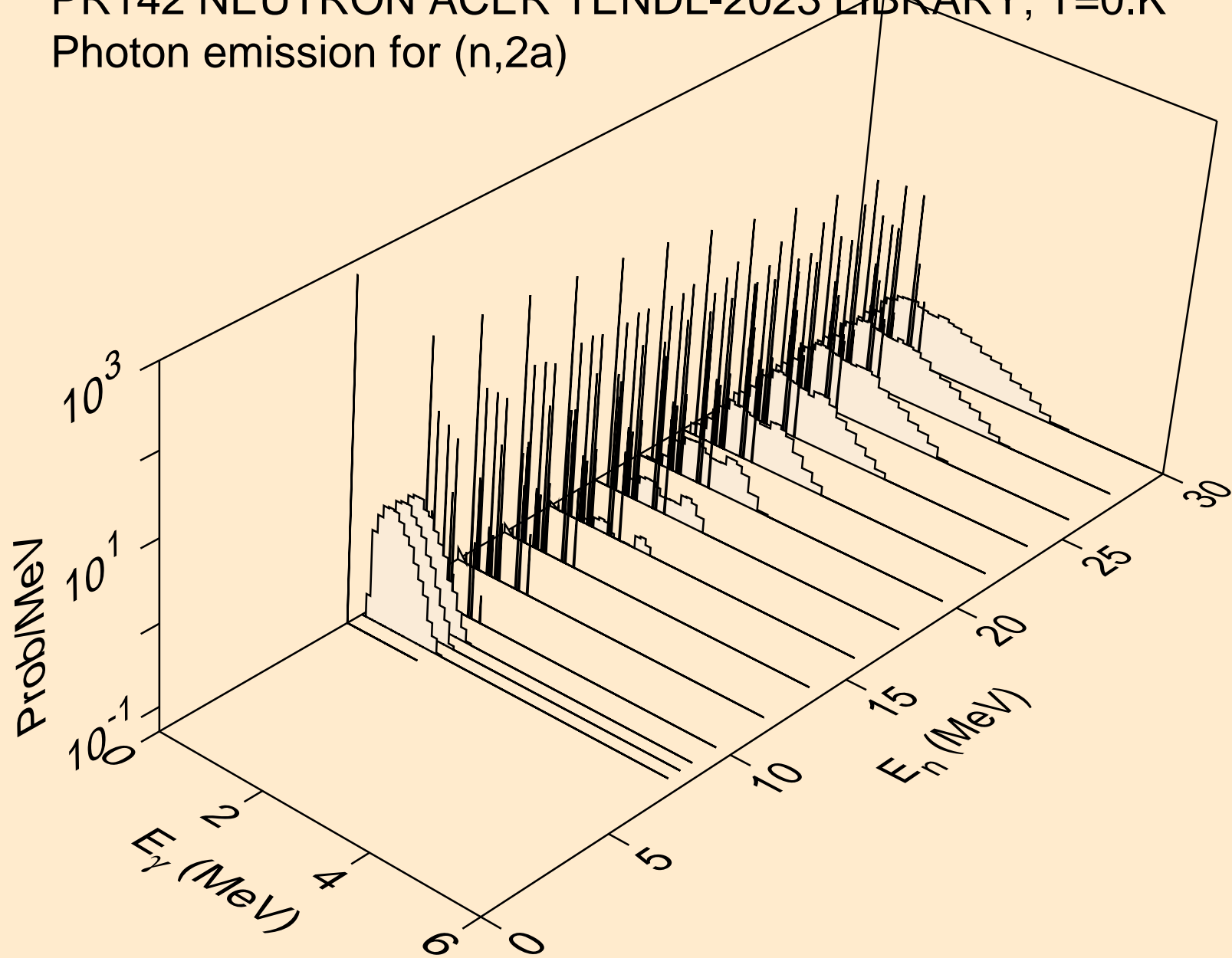
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

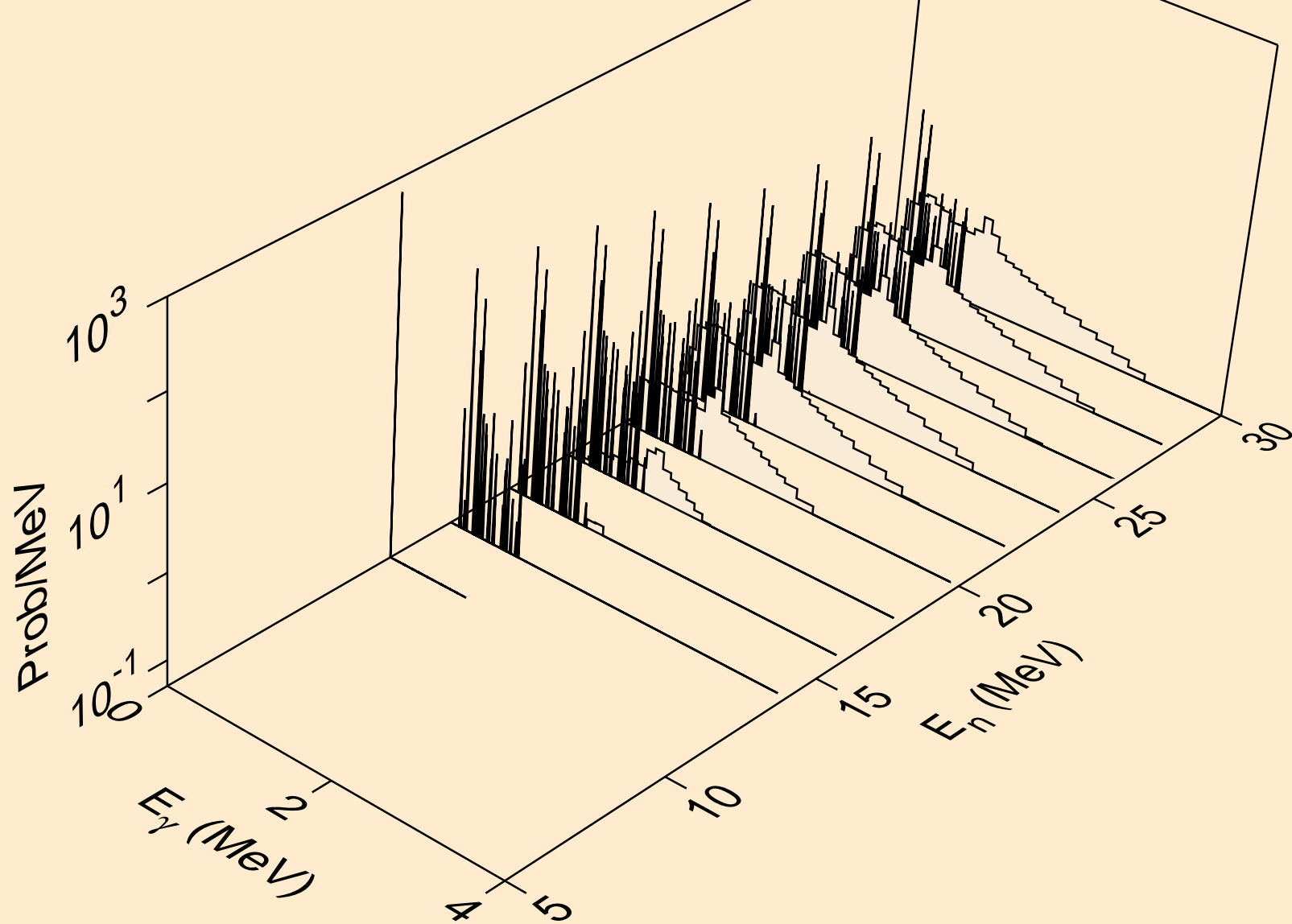


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

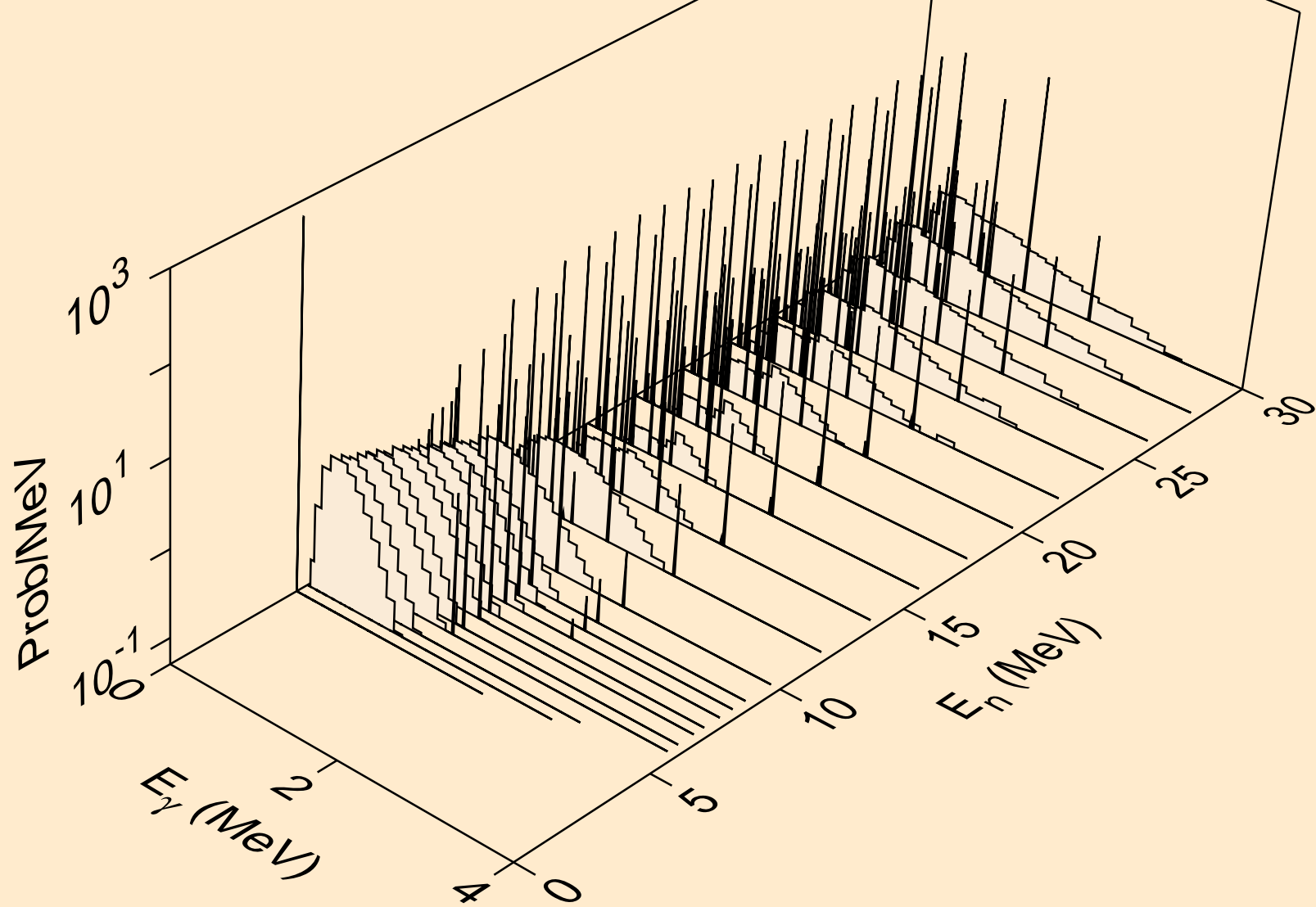




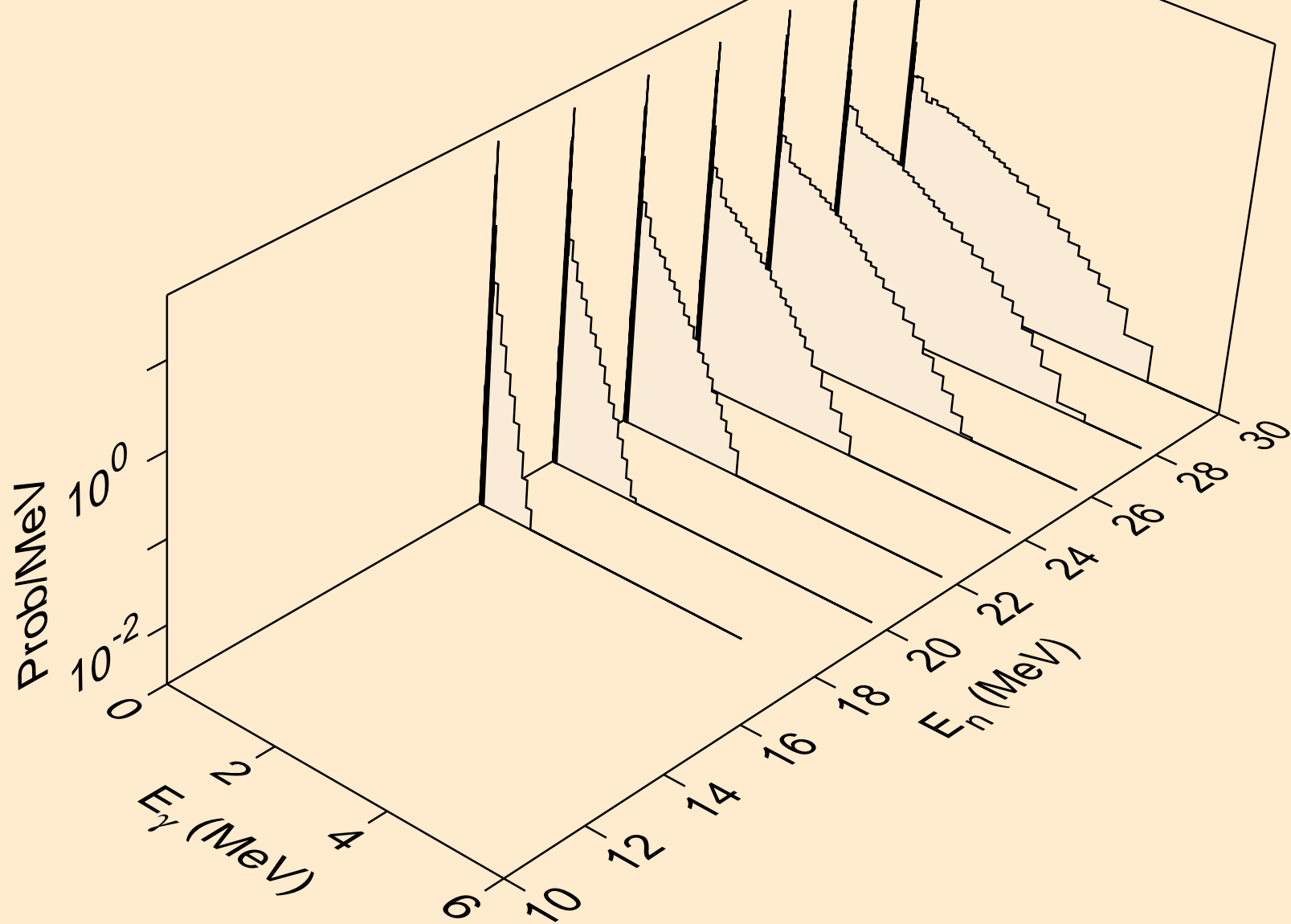
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



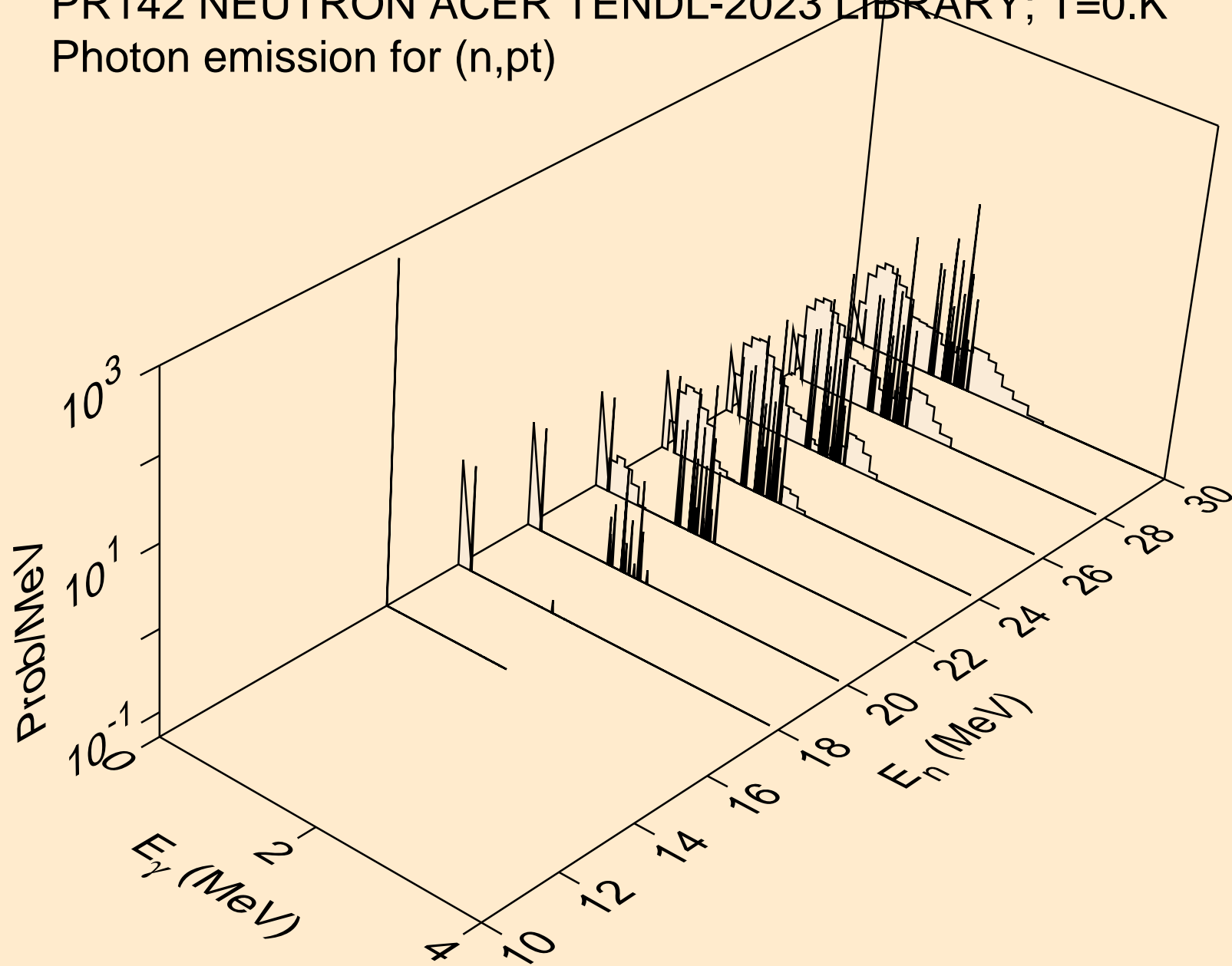
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



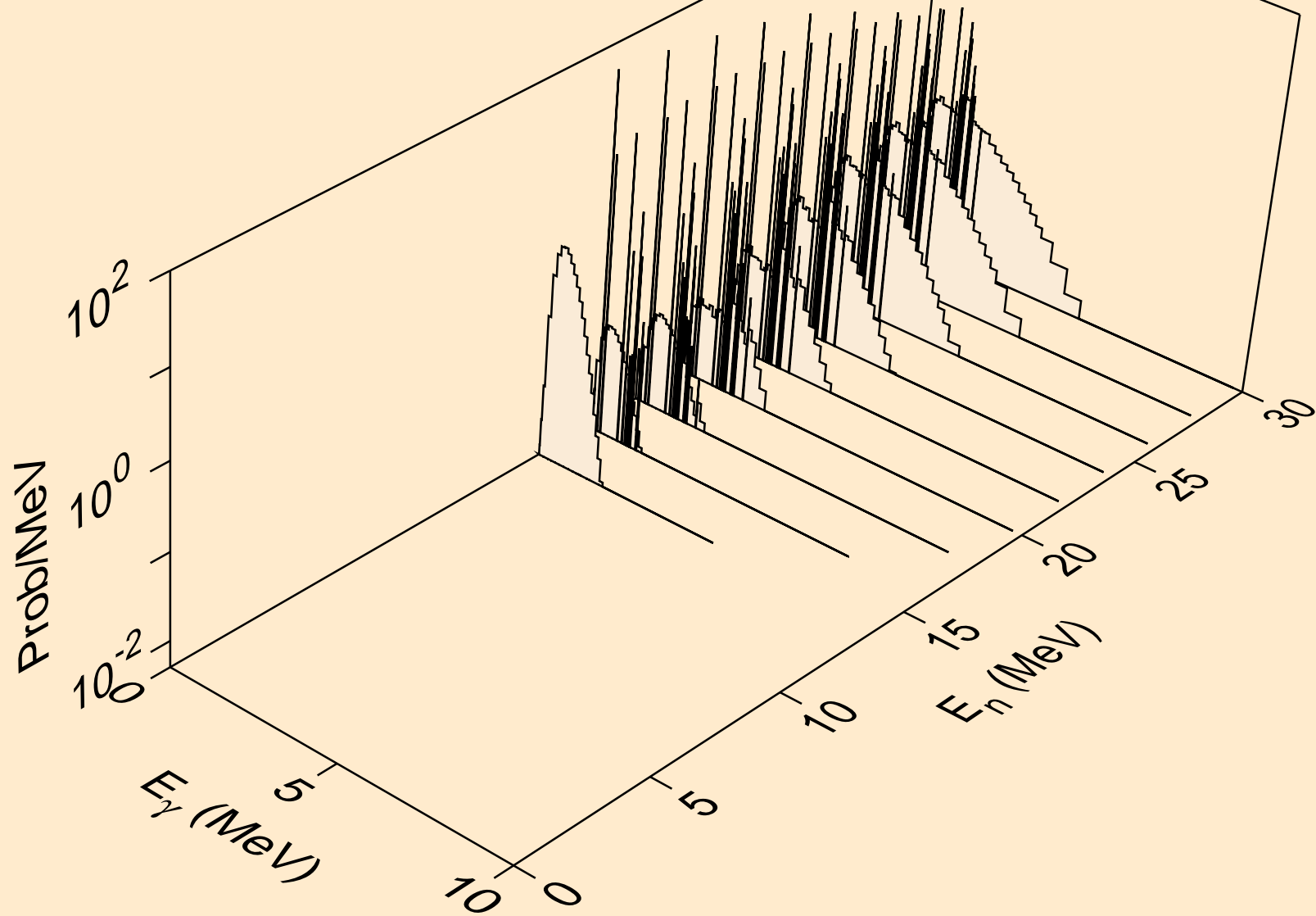
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



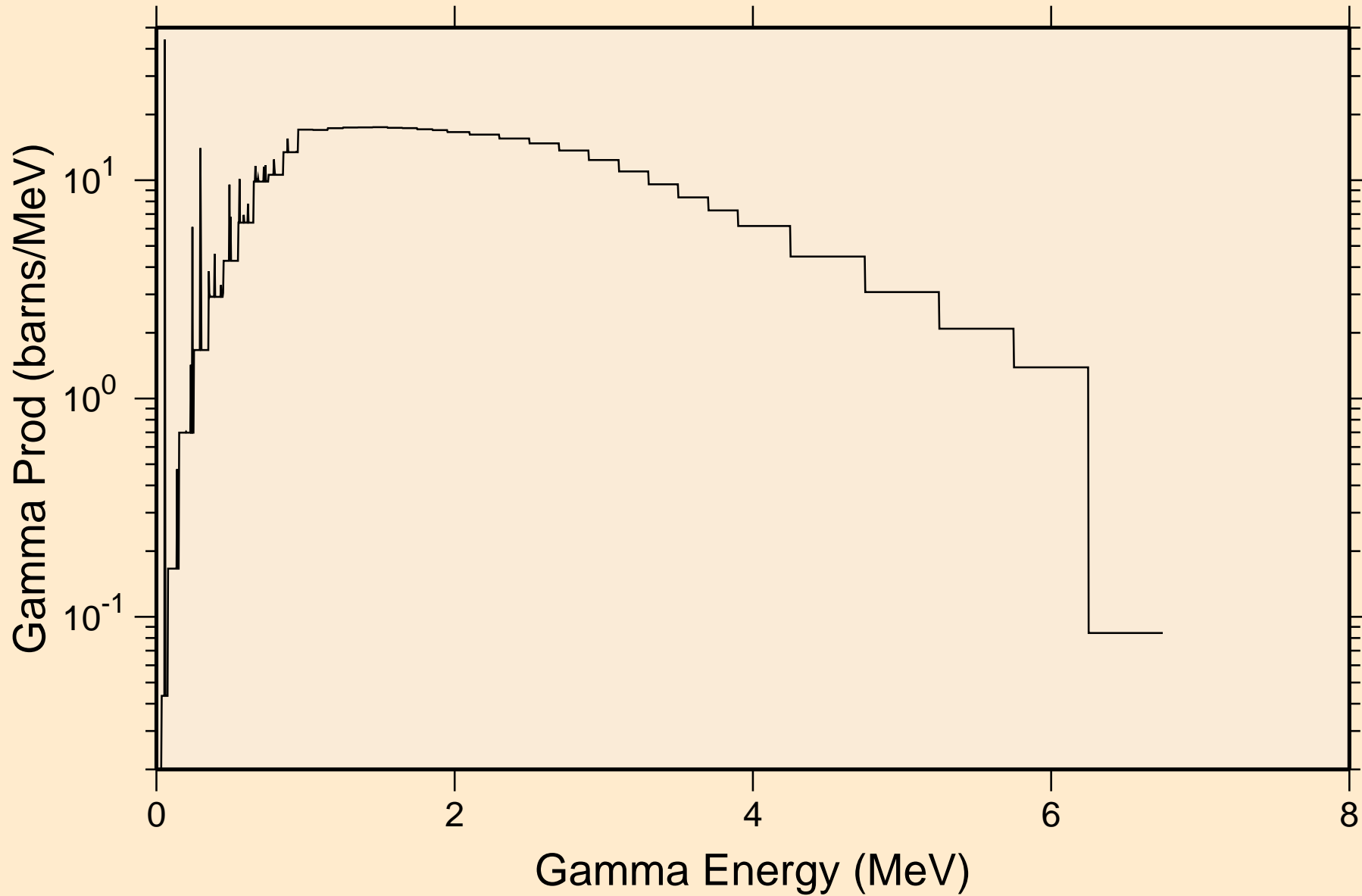
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



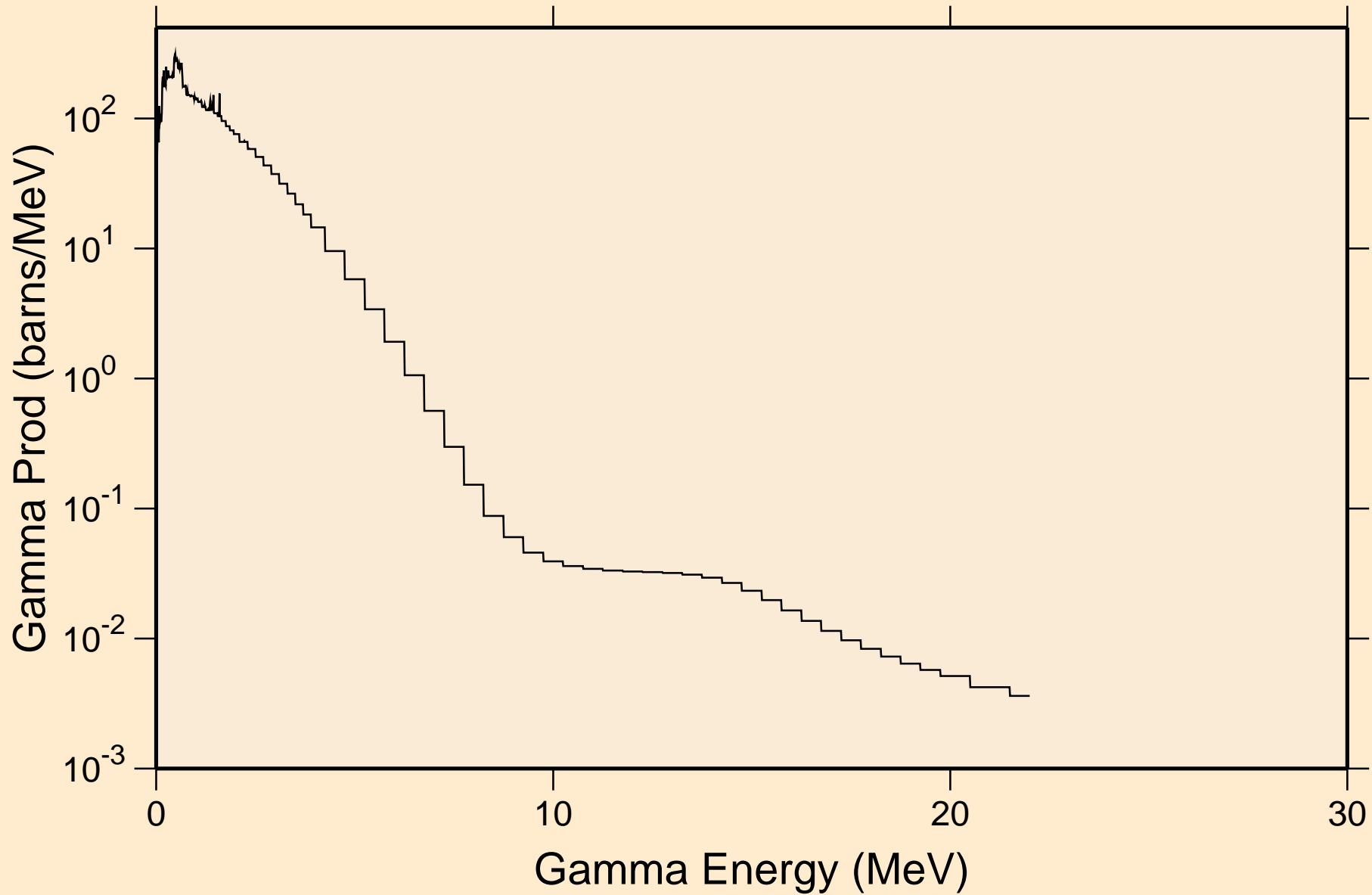
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



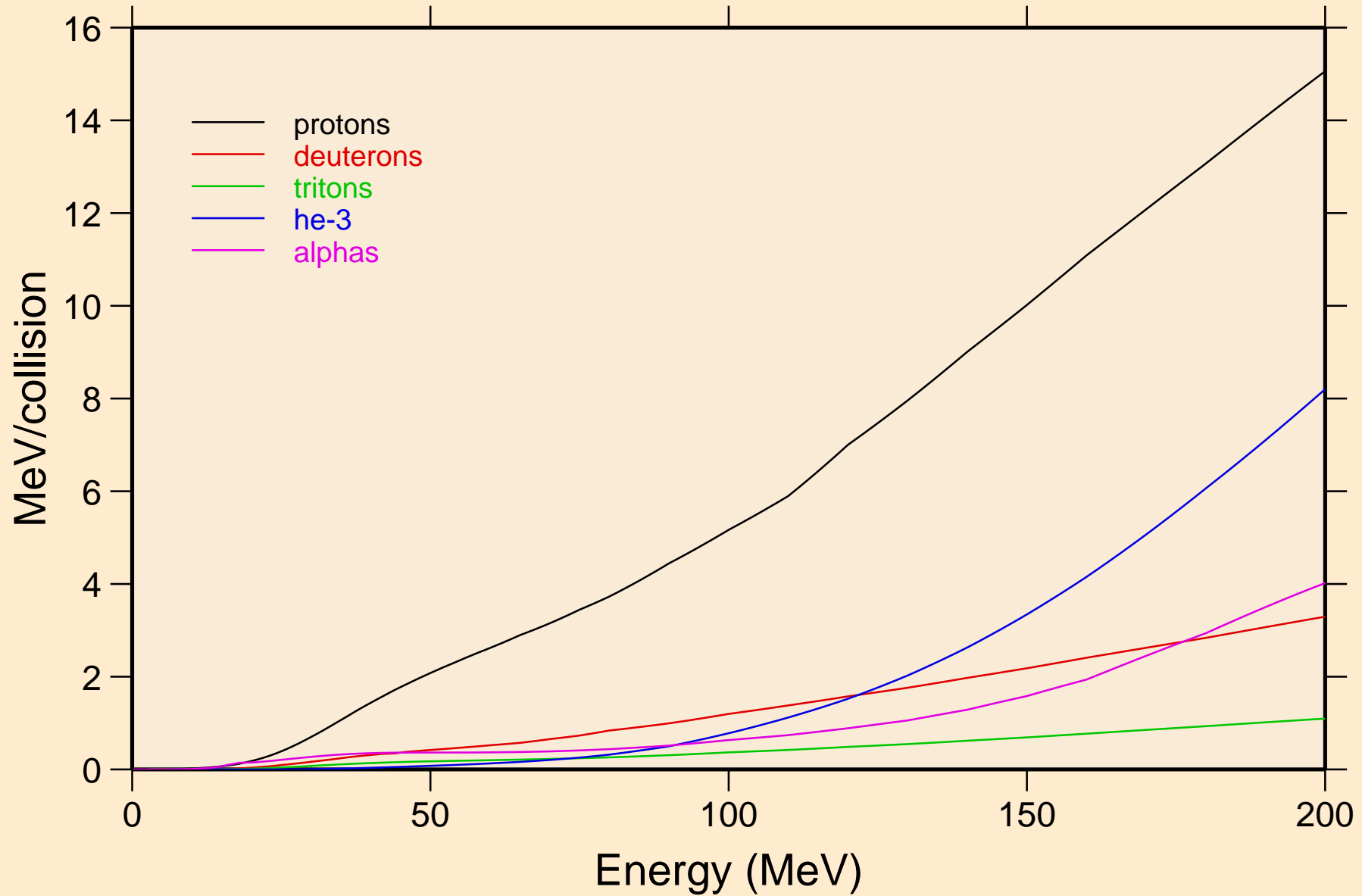
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

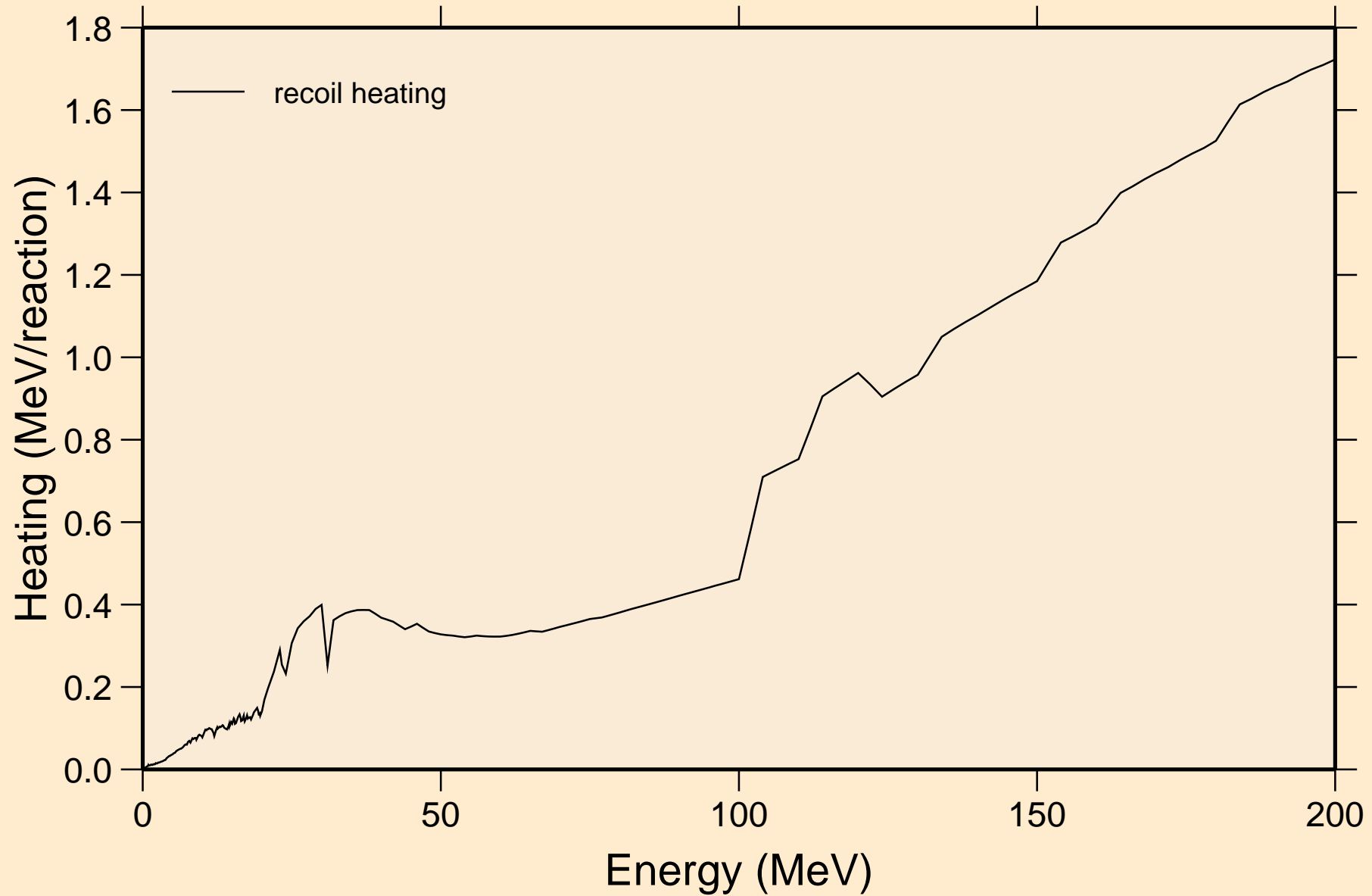


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

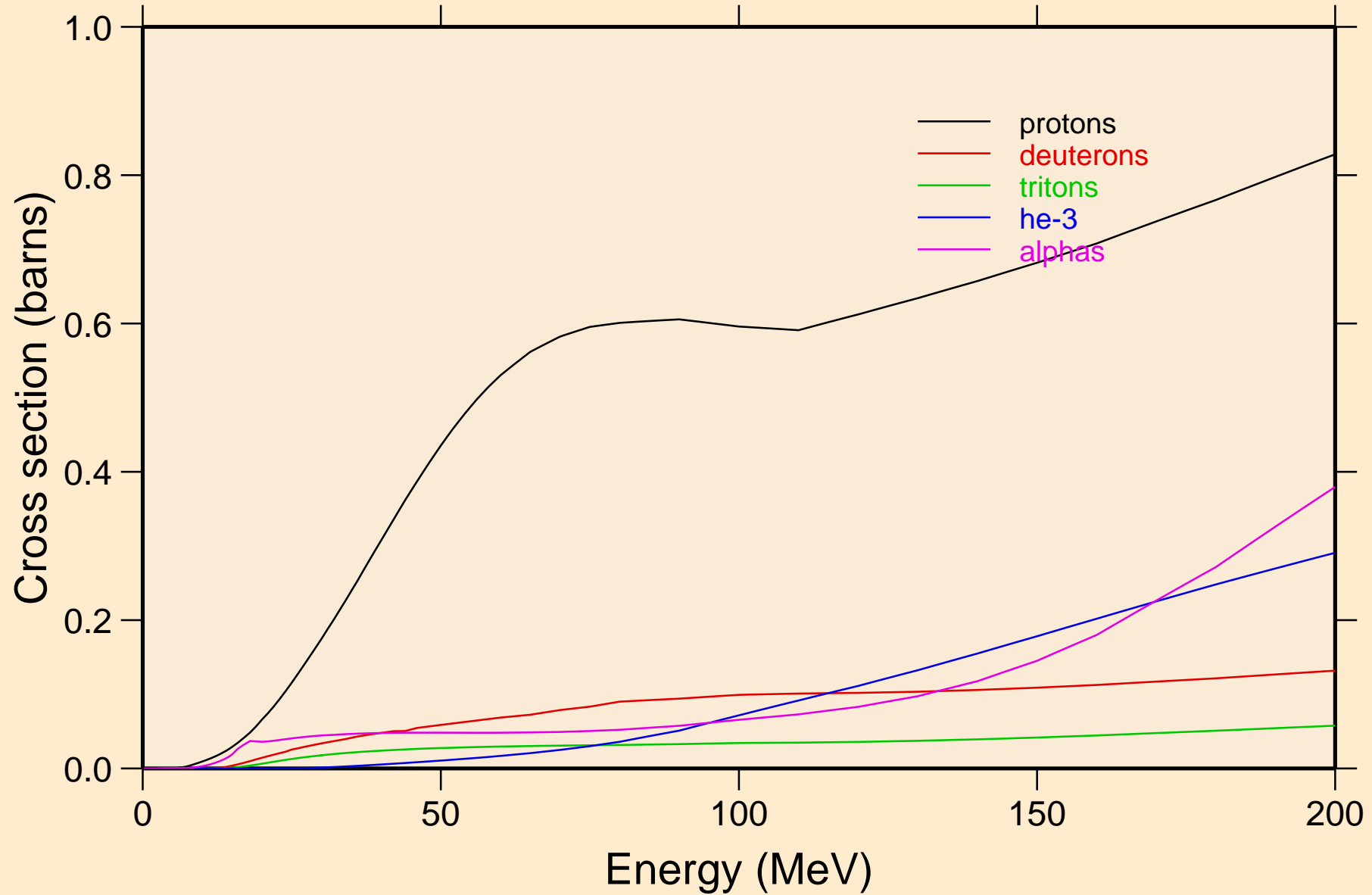




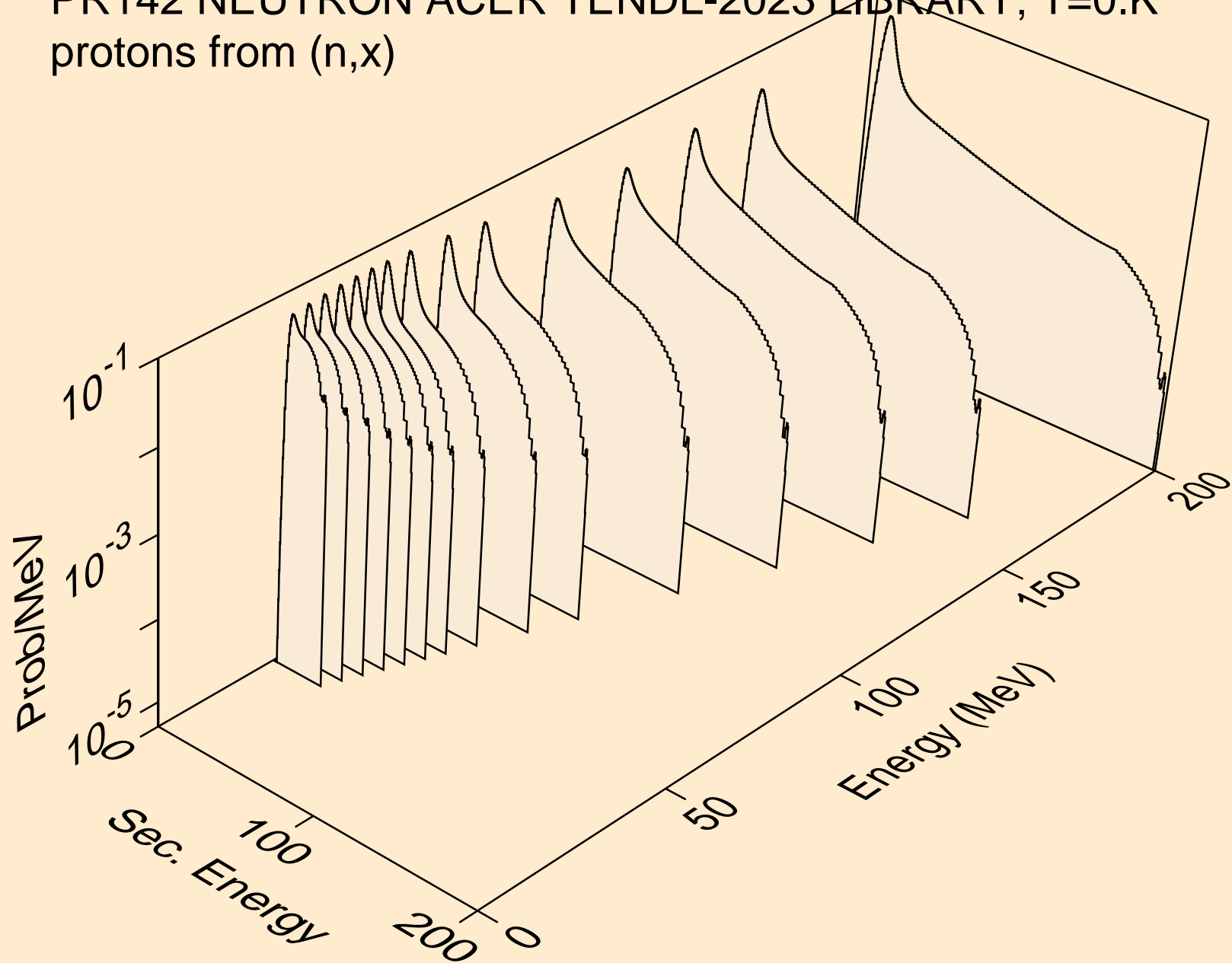
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



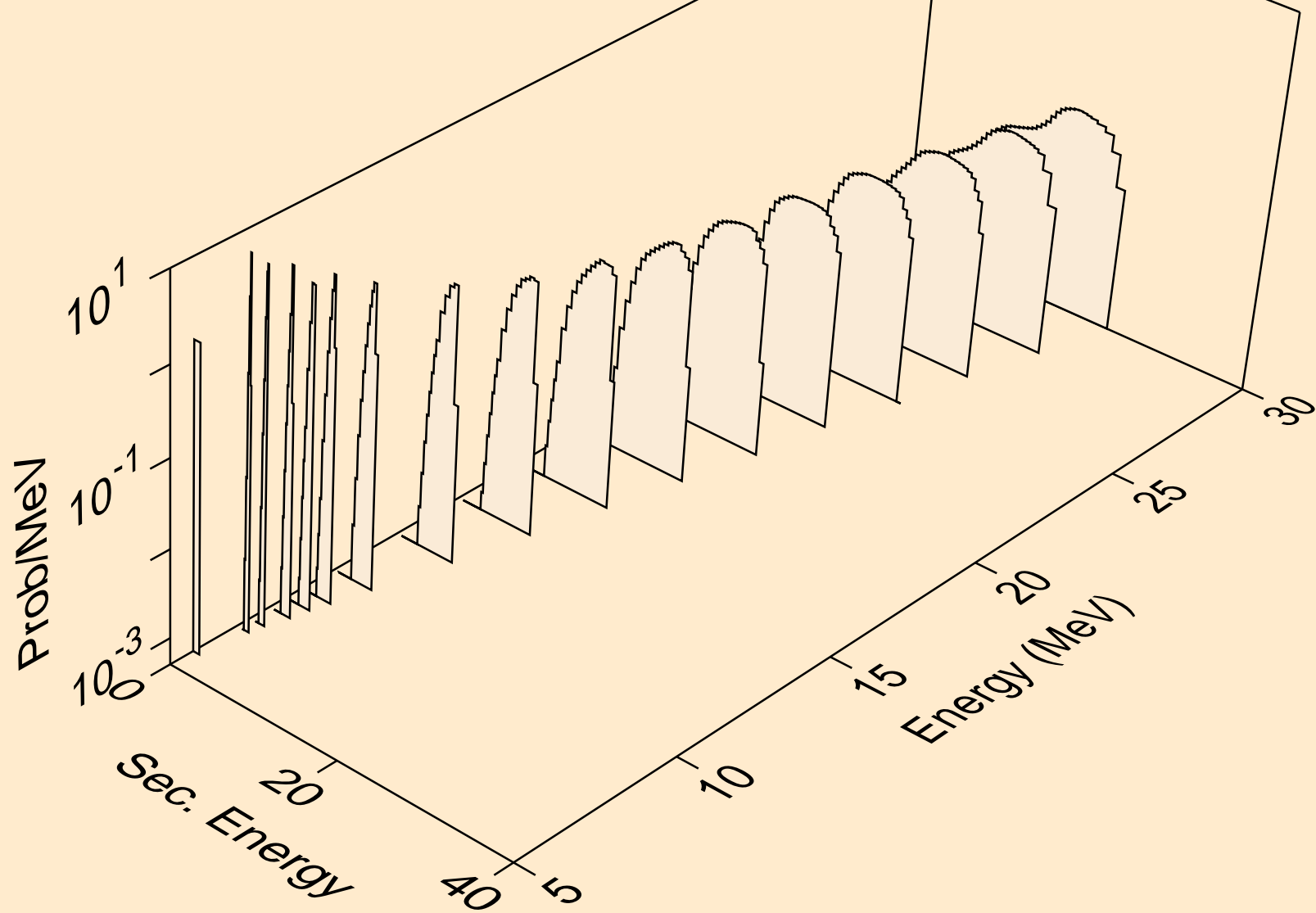
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



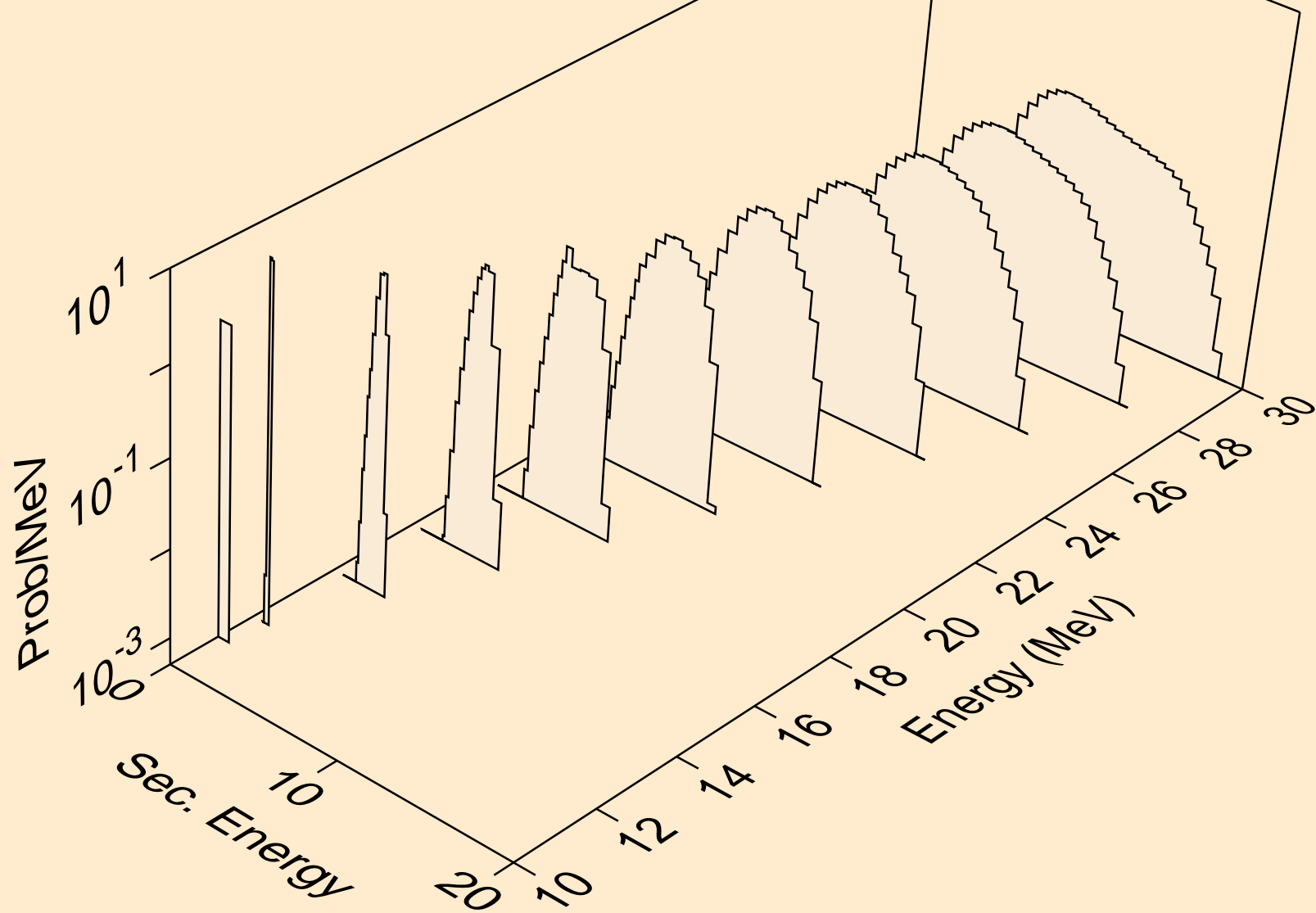
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



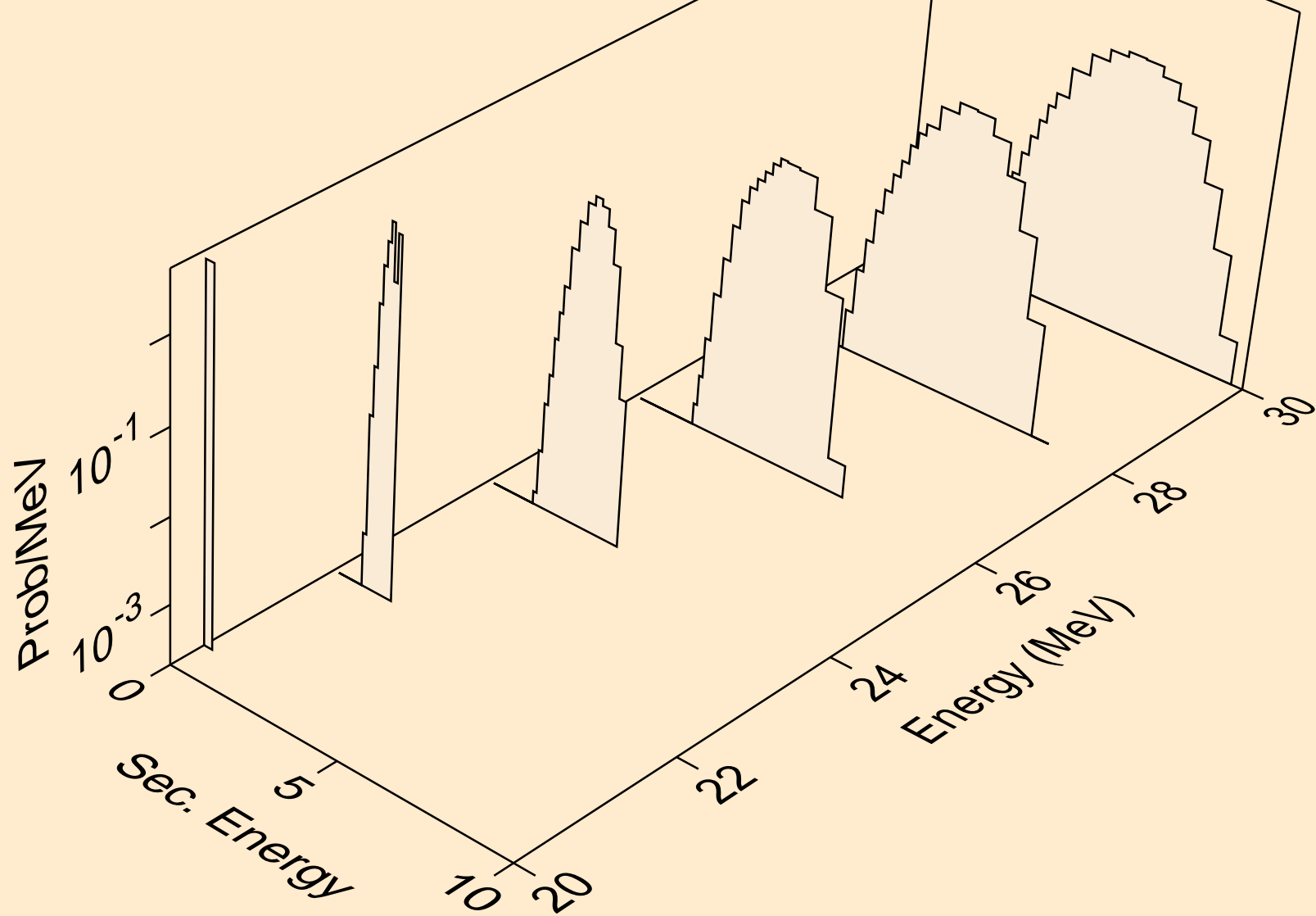
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



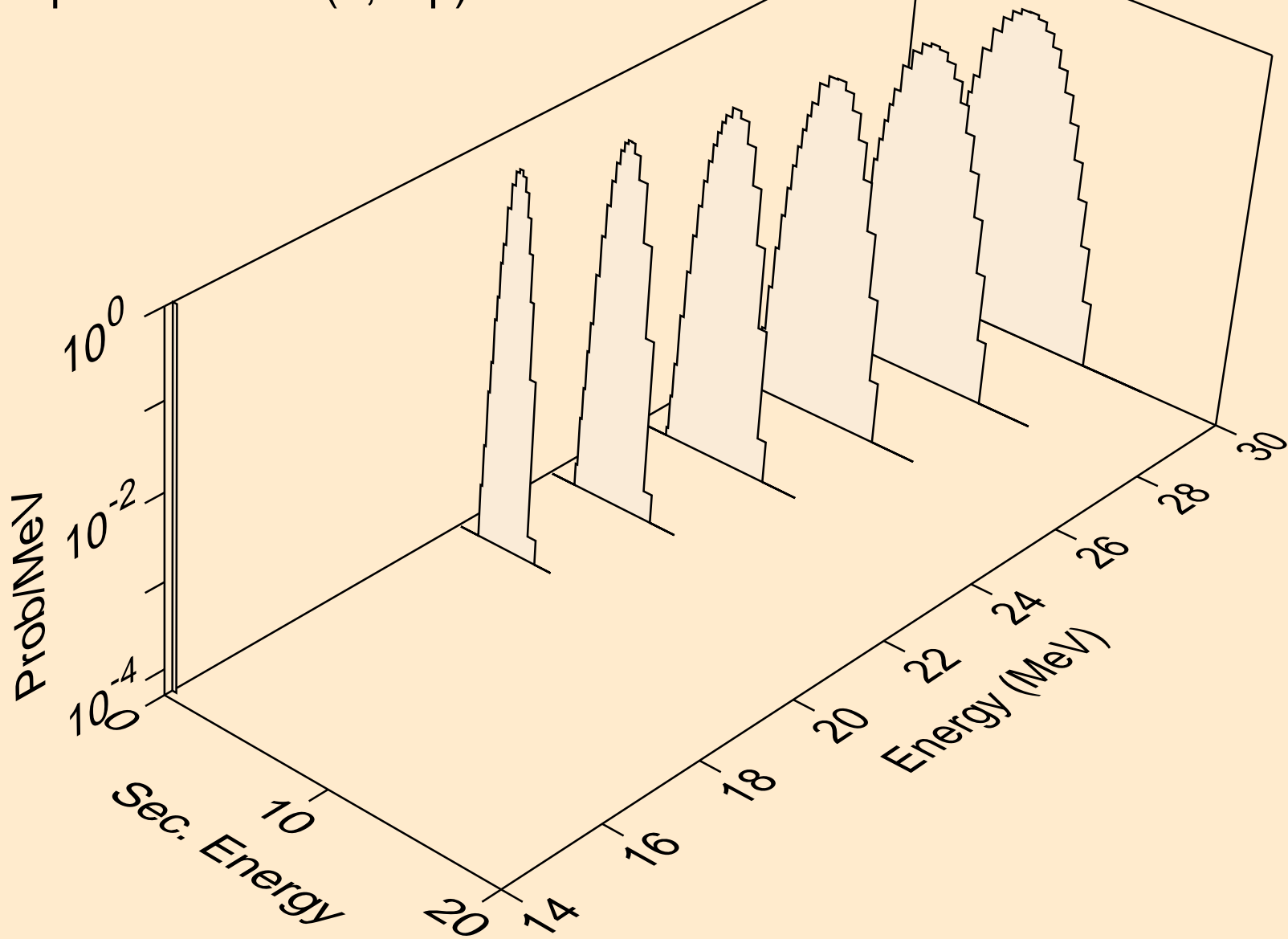
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



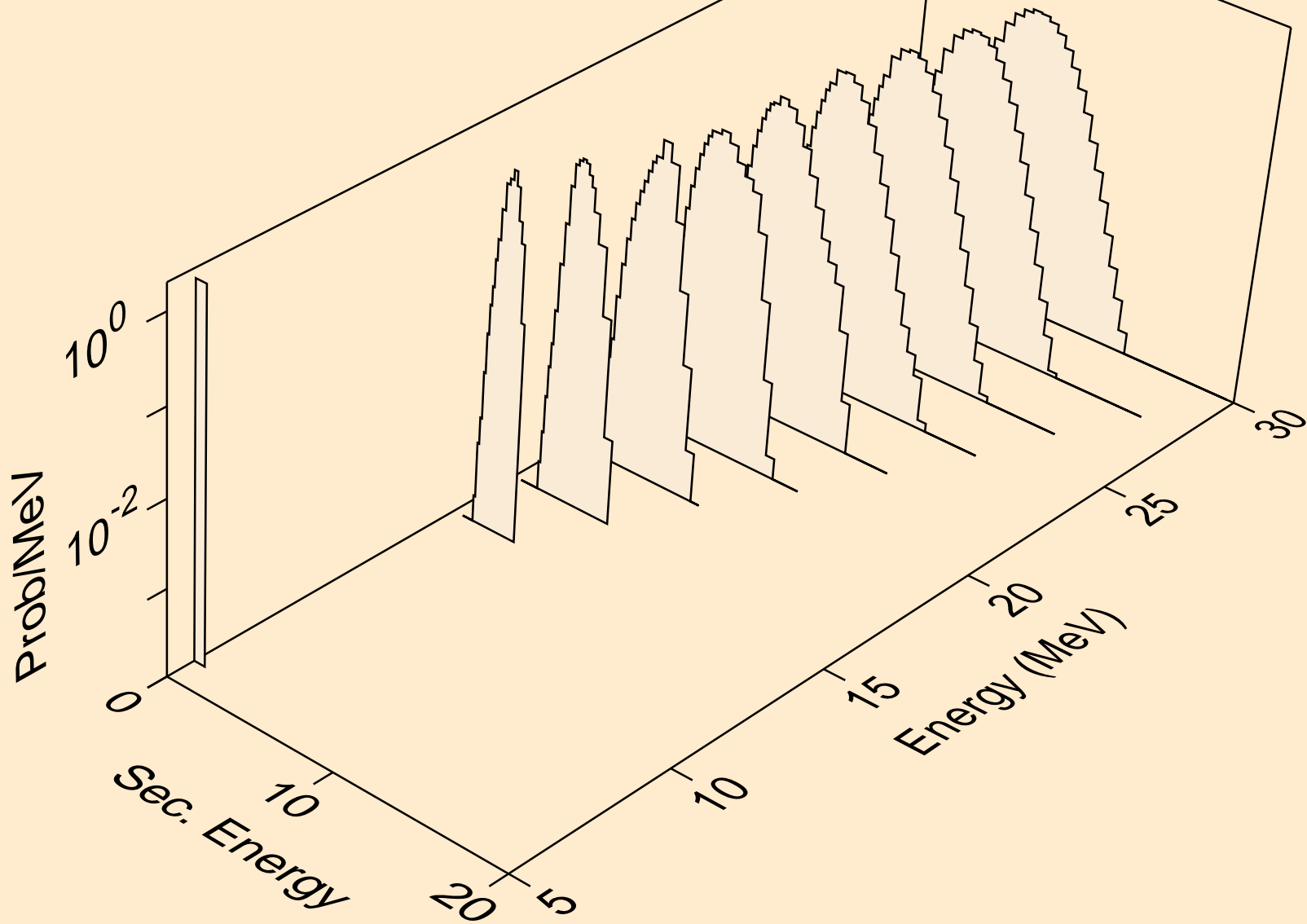
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

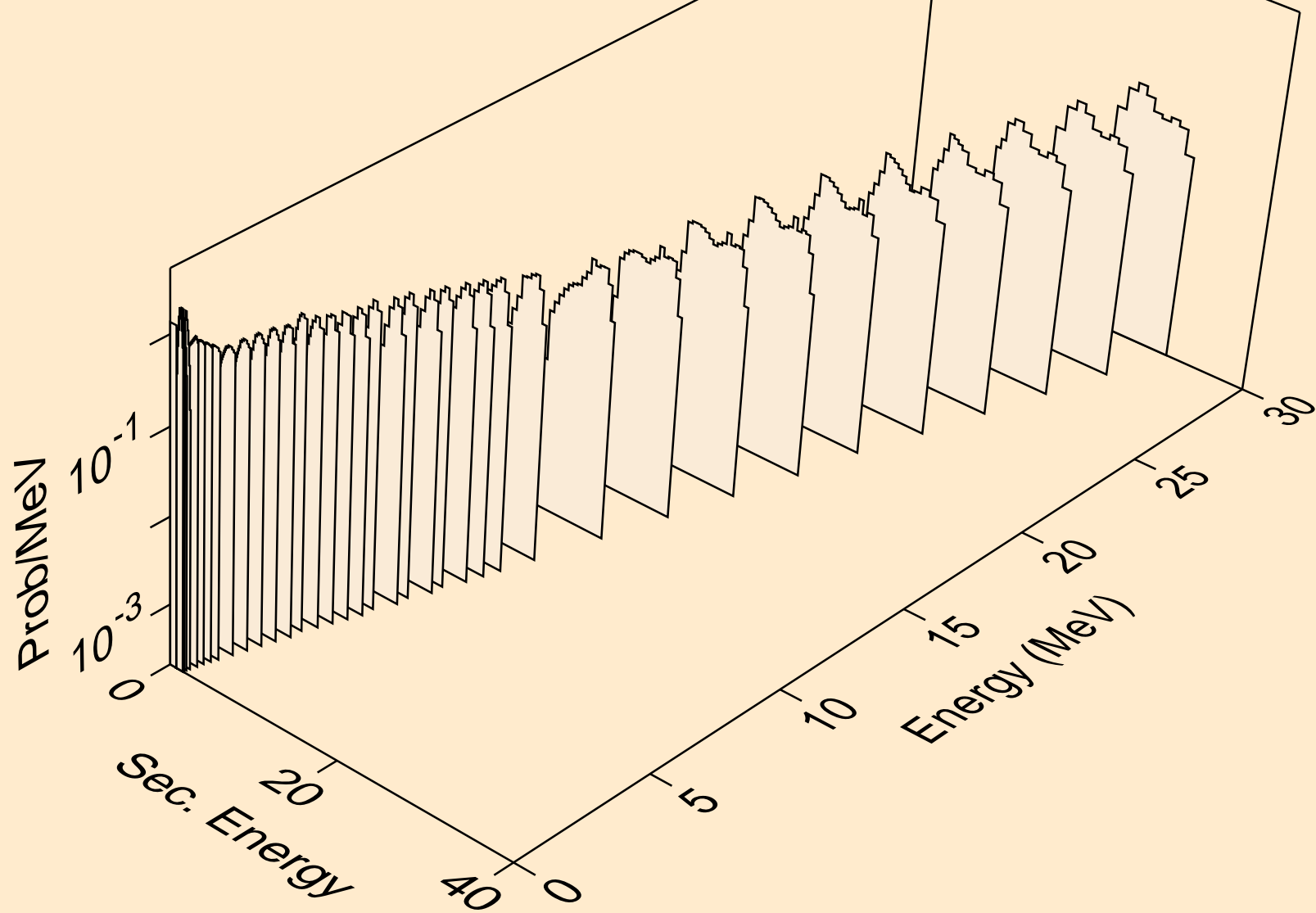


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

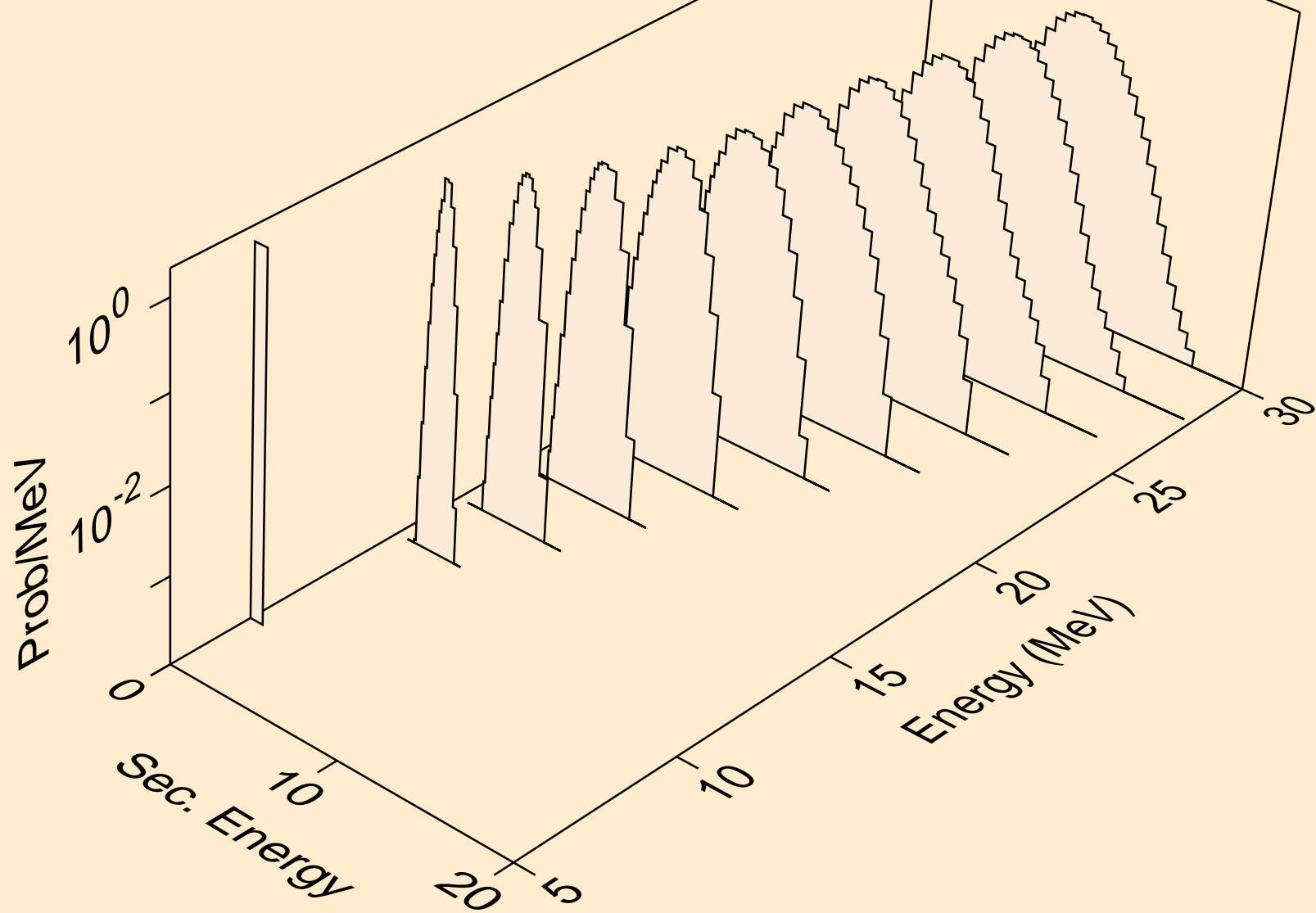




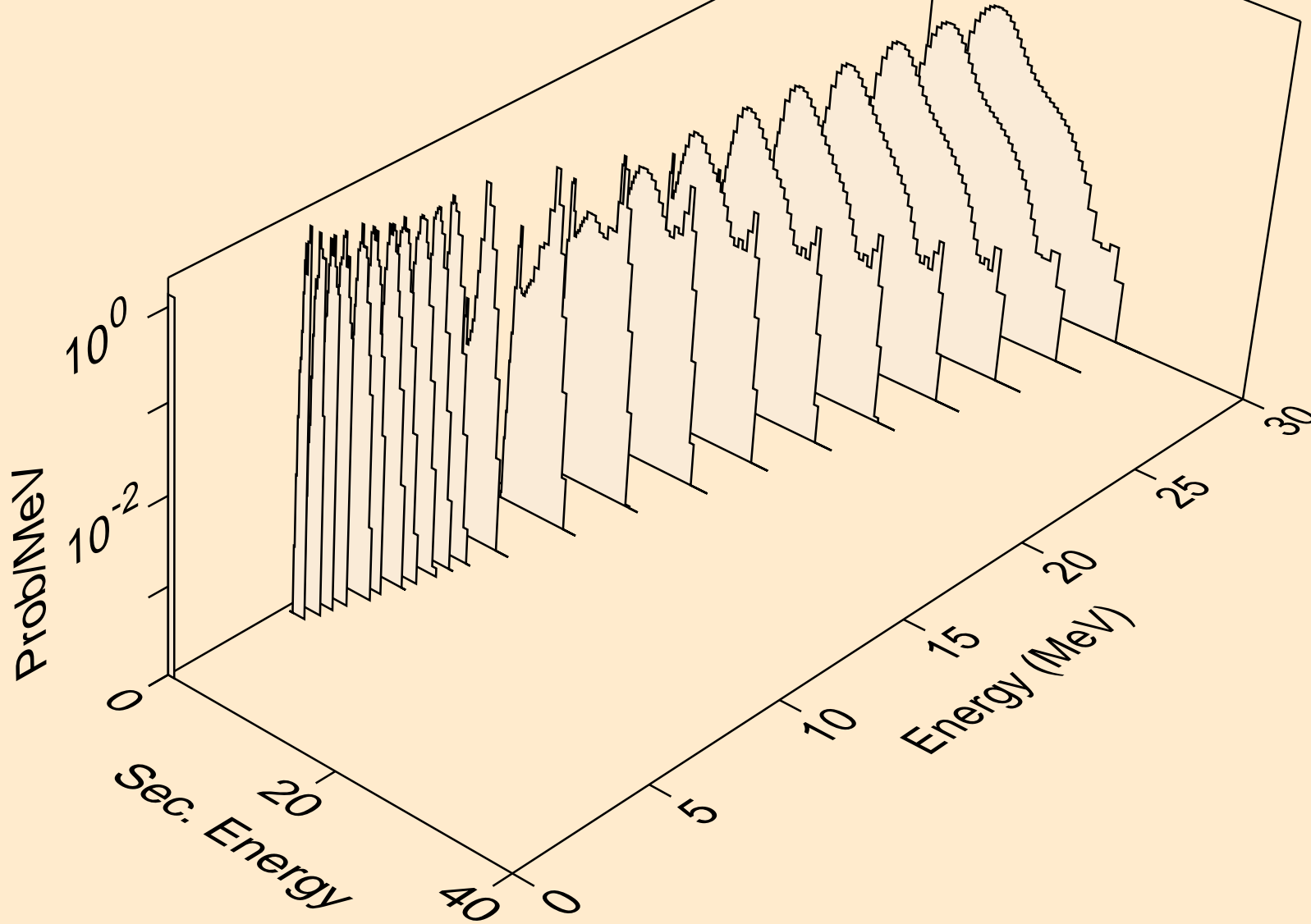
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protons from (n,p)



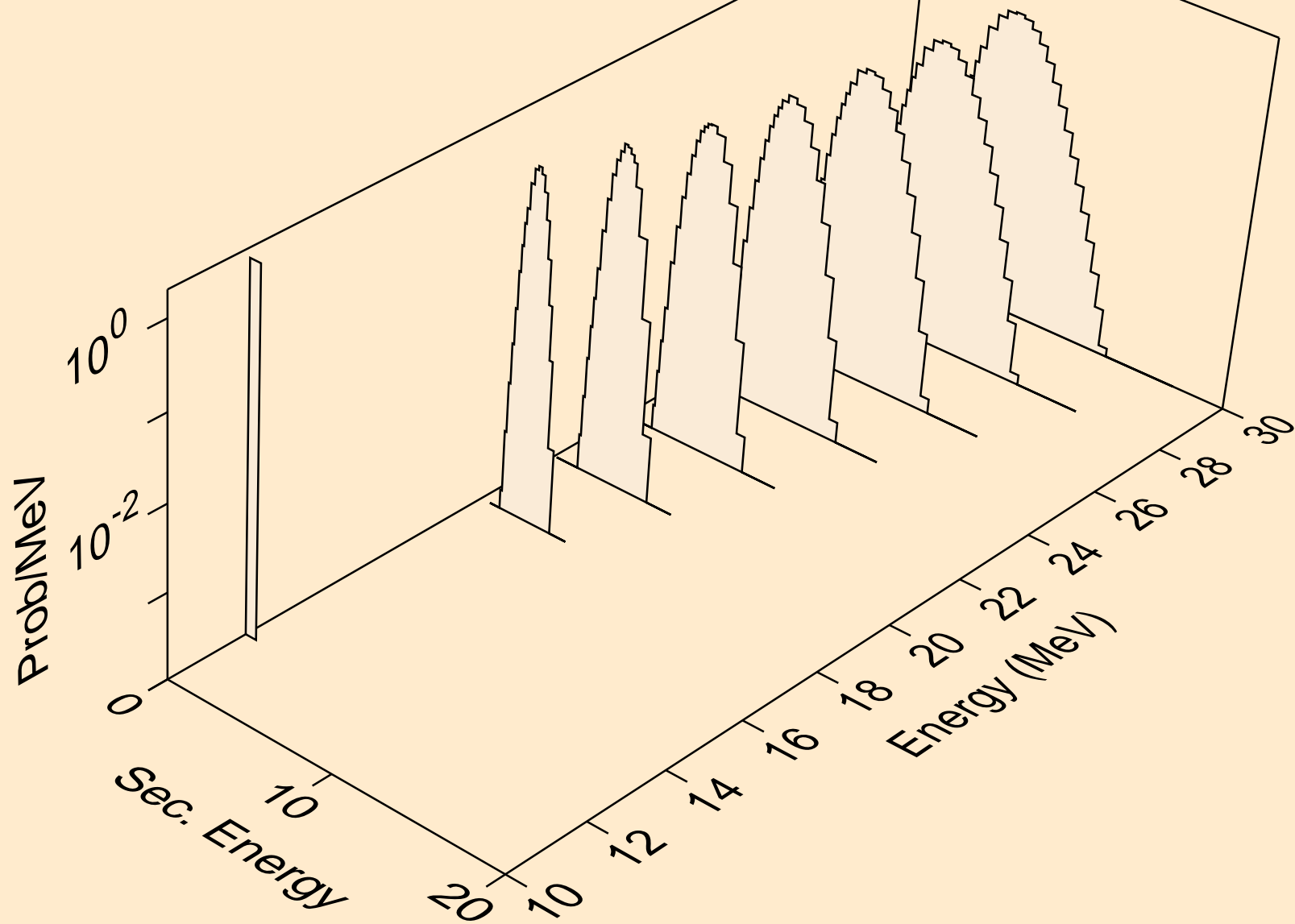
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



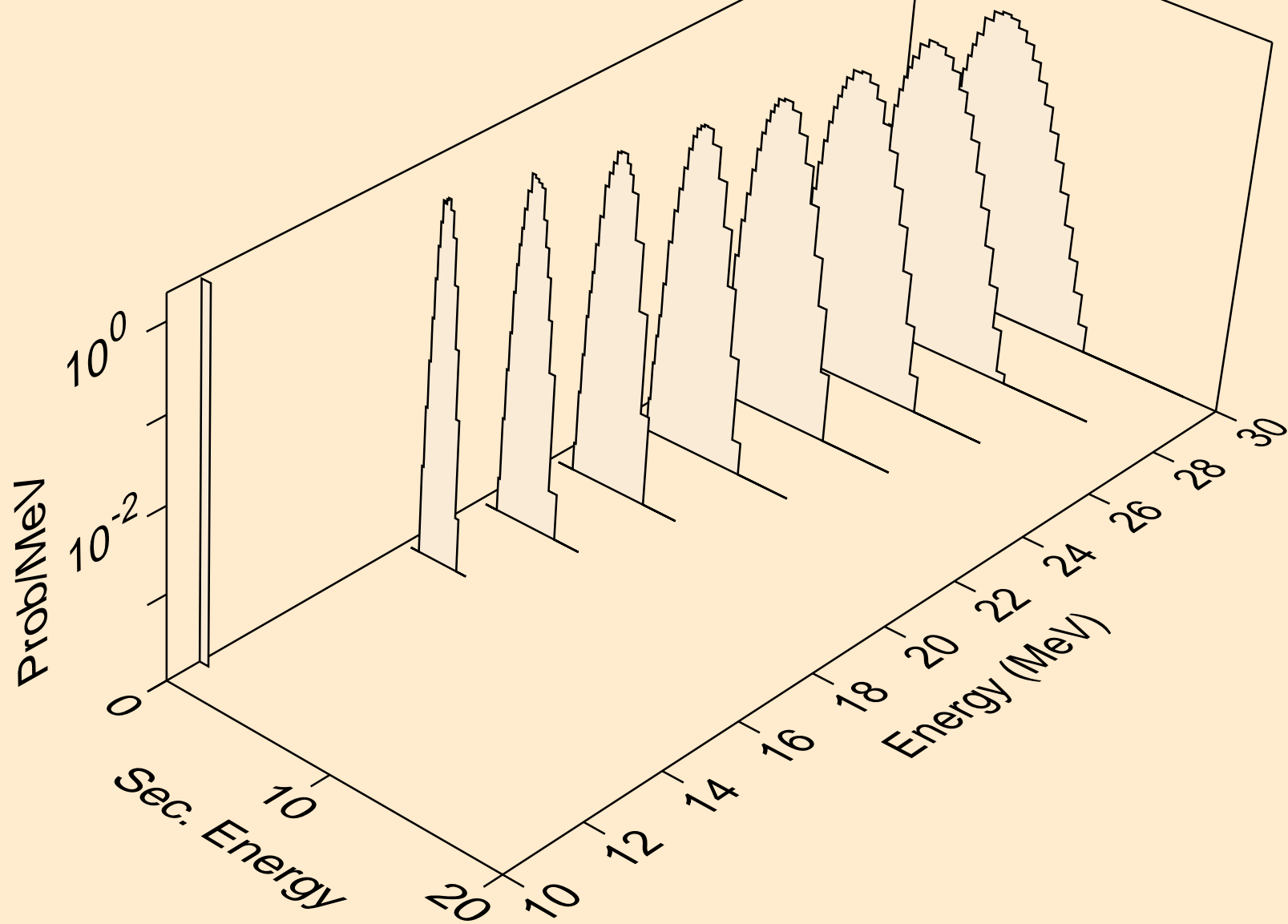
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protons from (n,p)



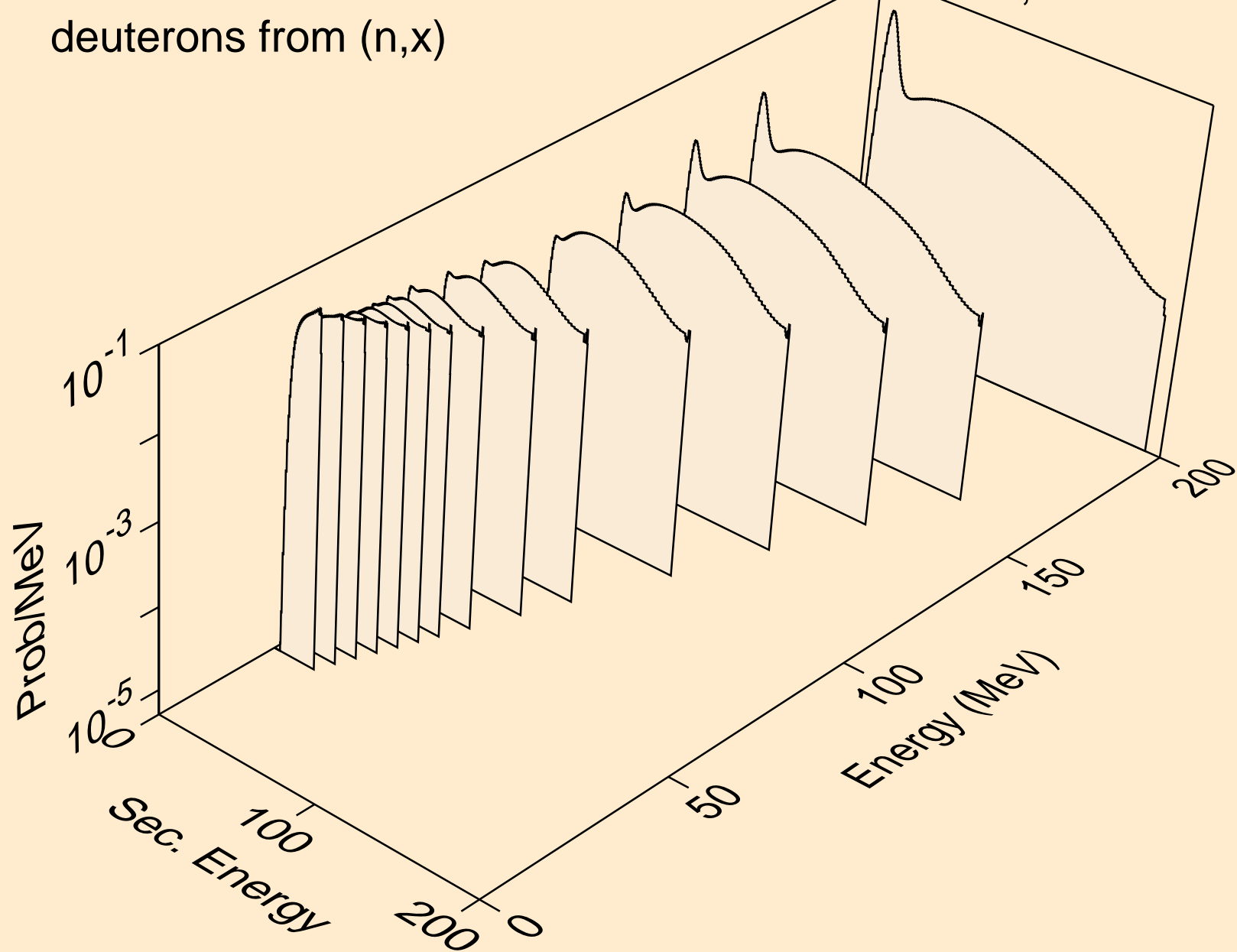
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



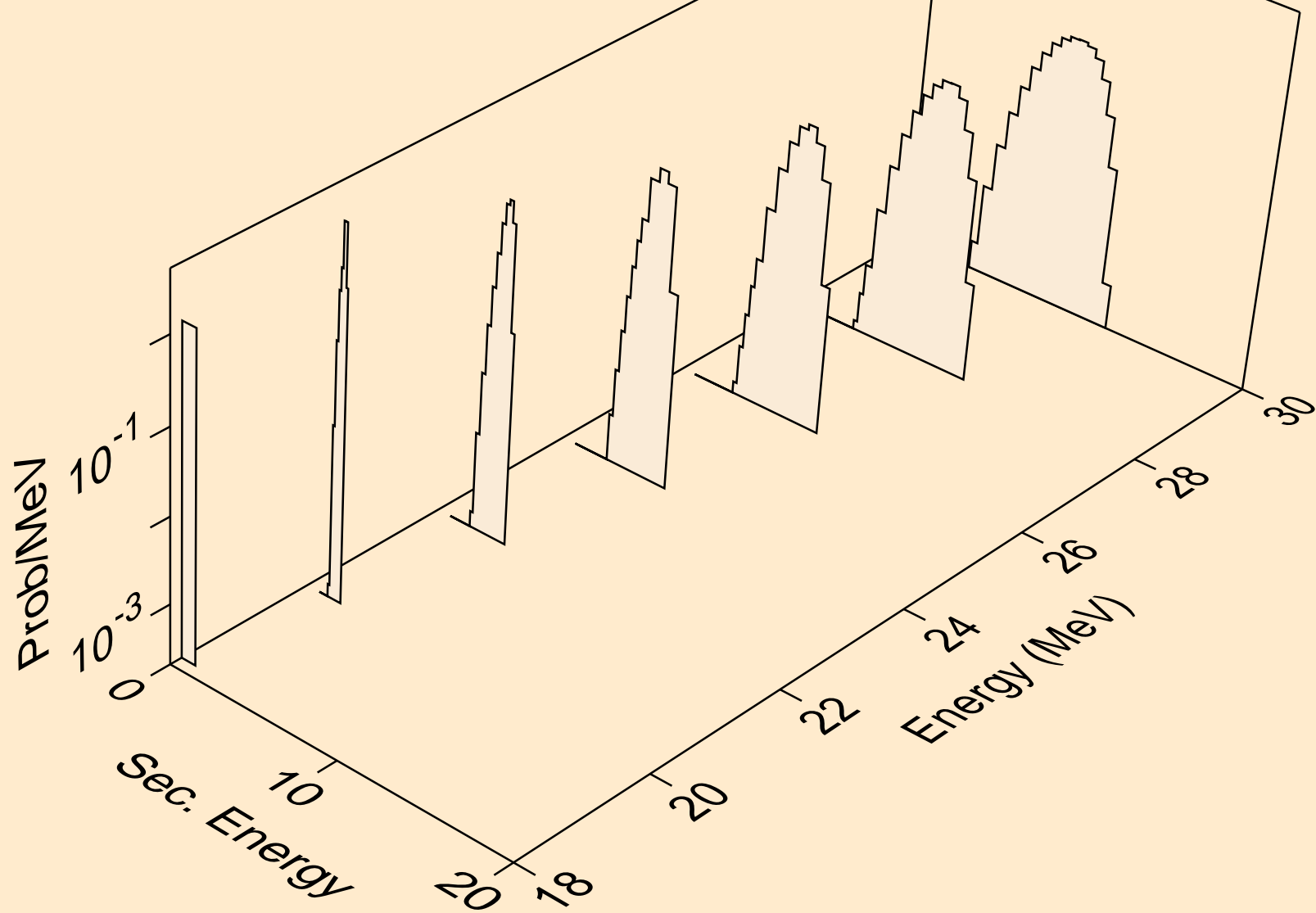
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



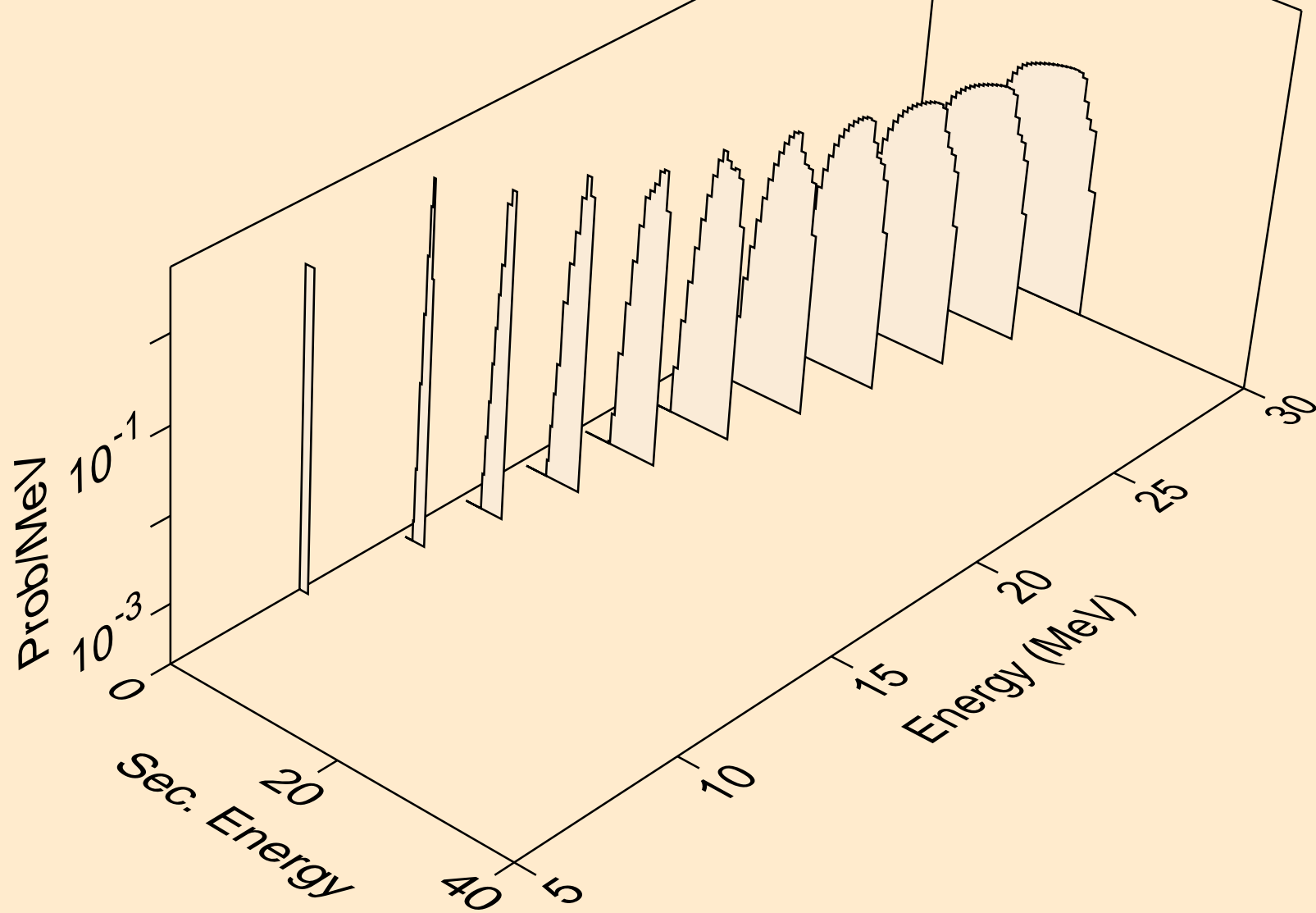
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

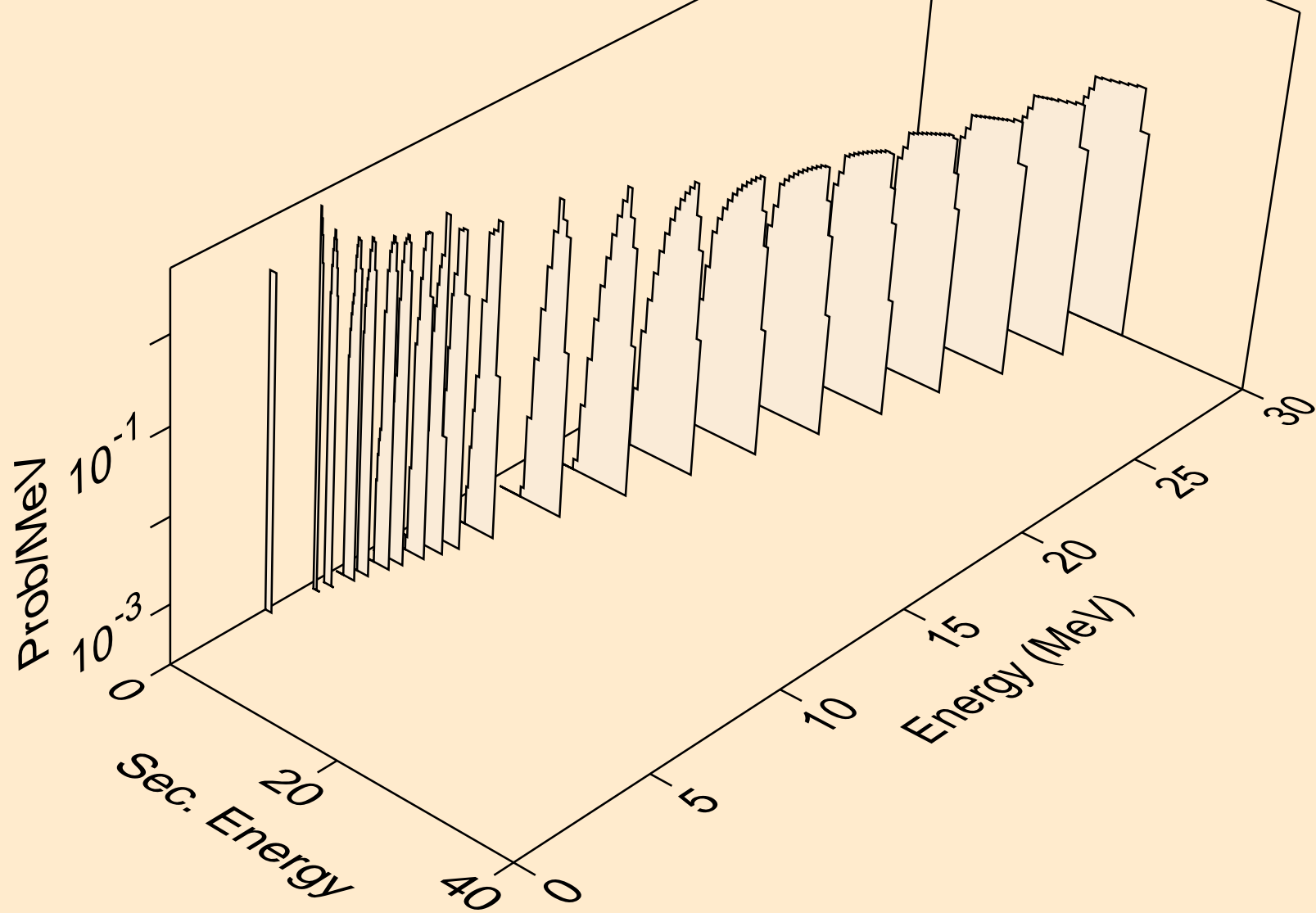


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

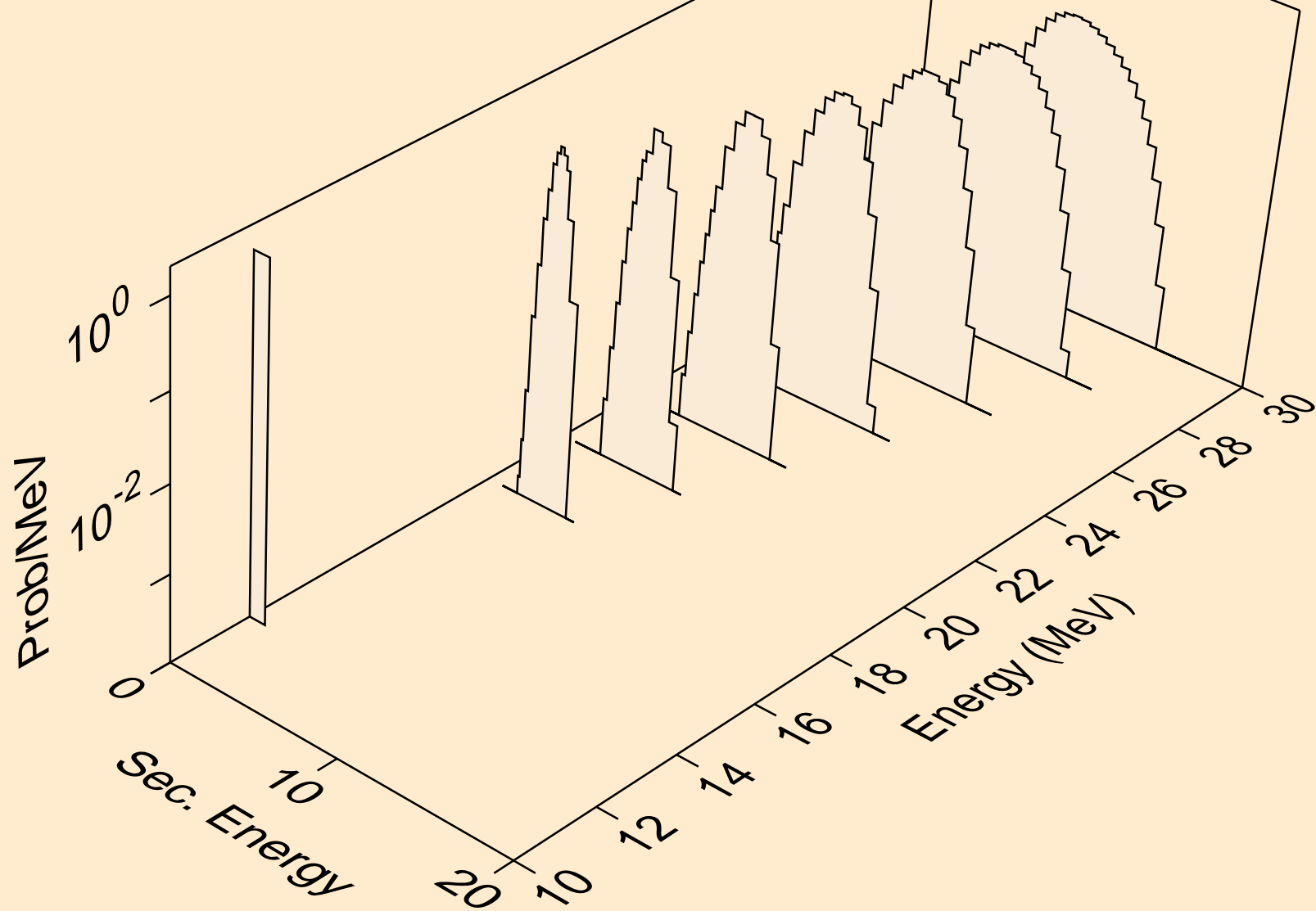




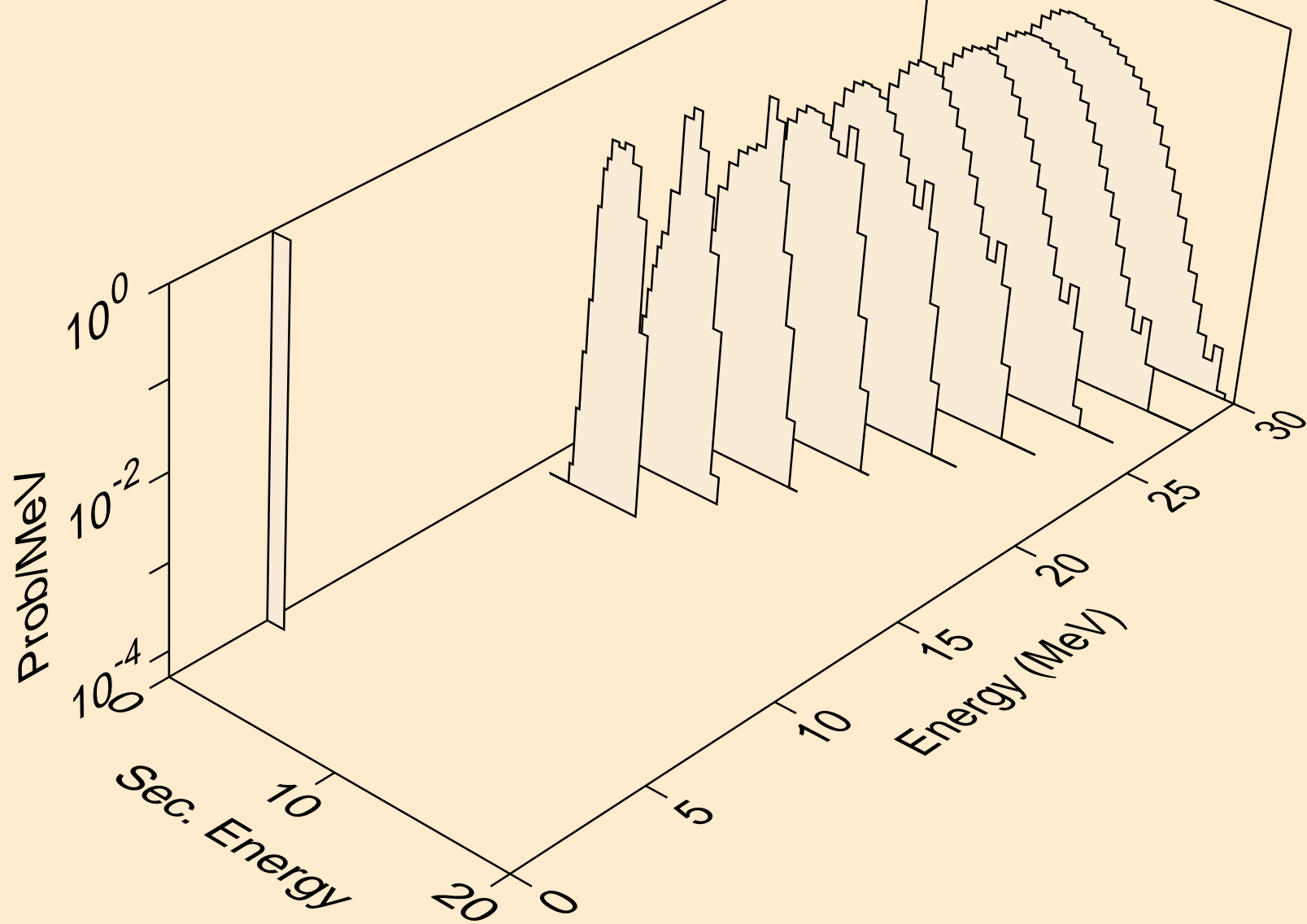
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



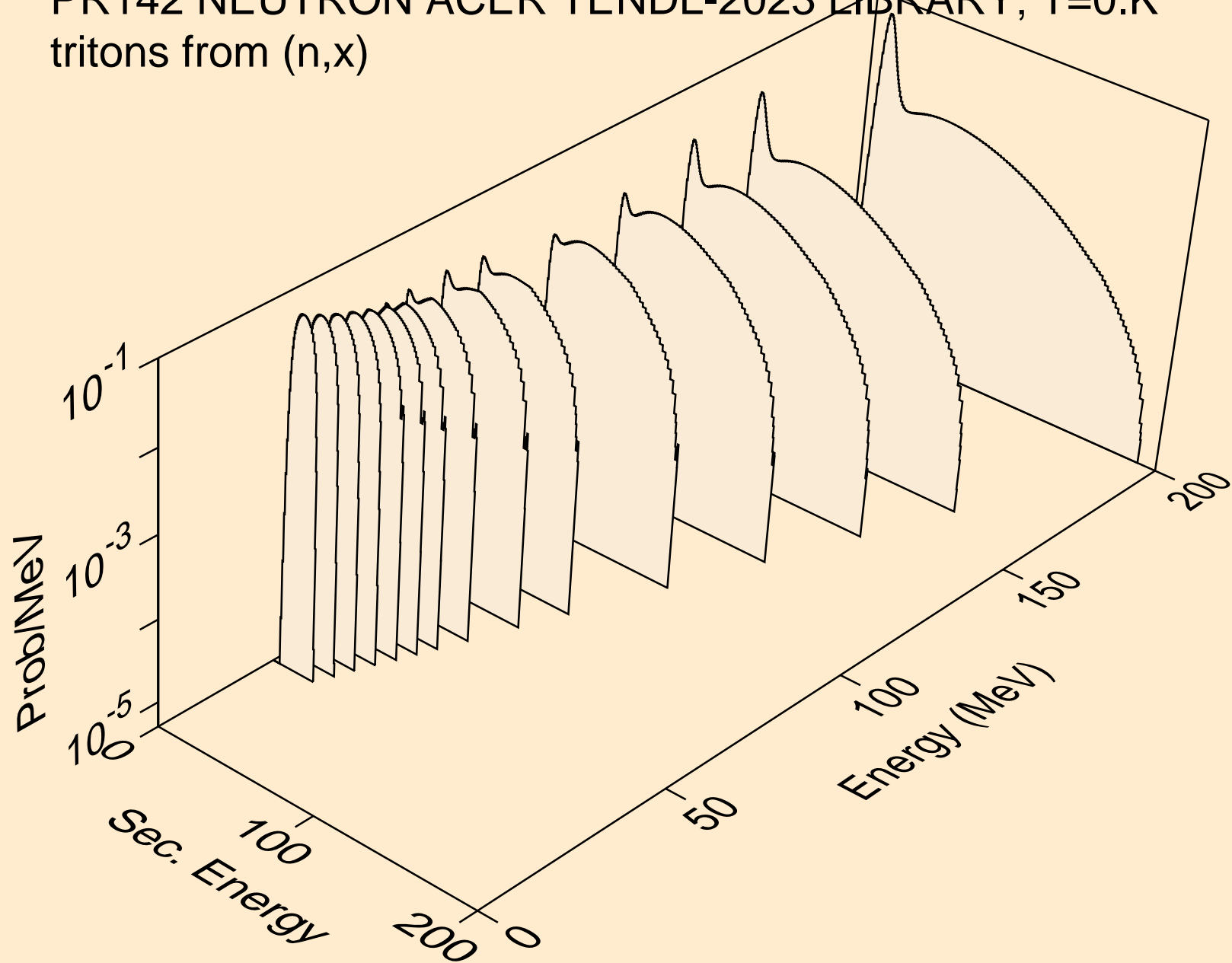
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



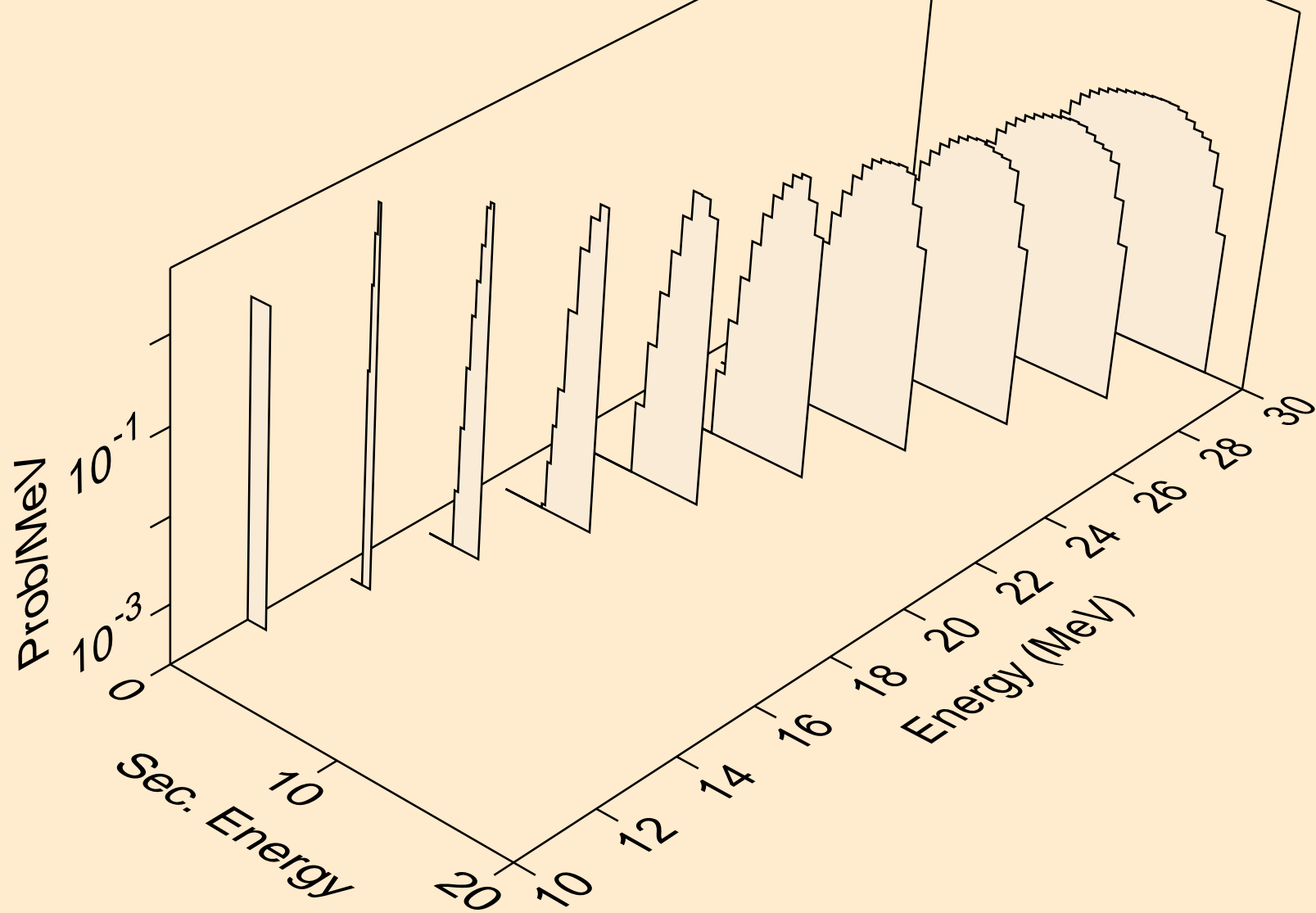
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



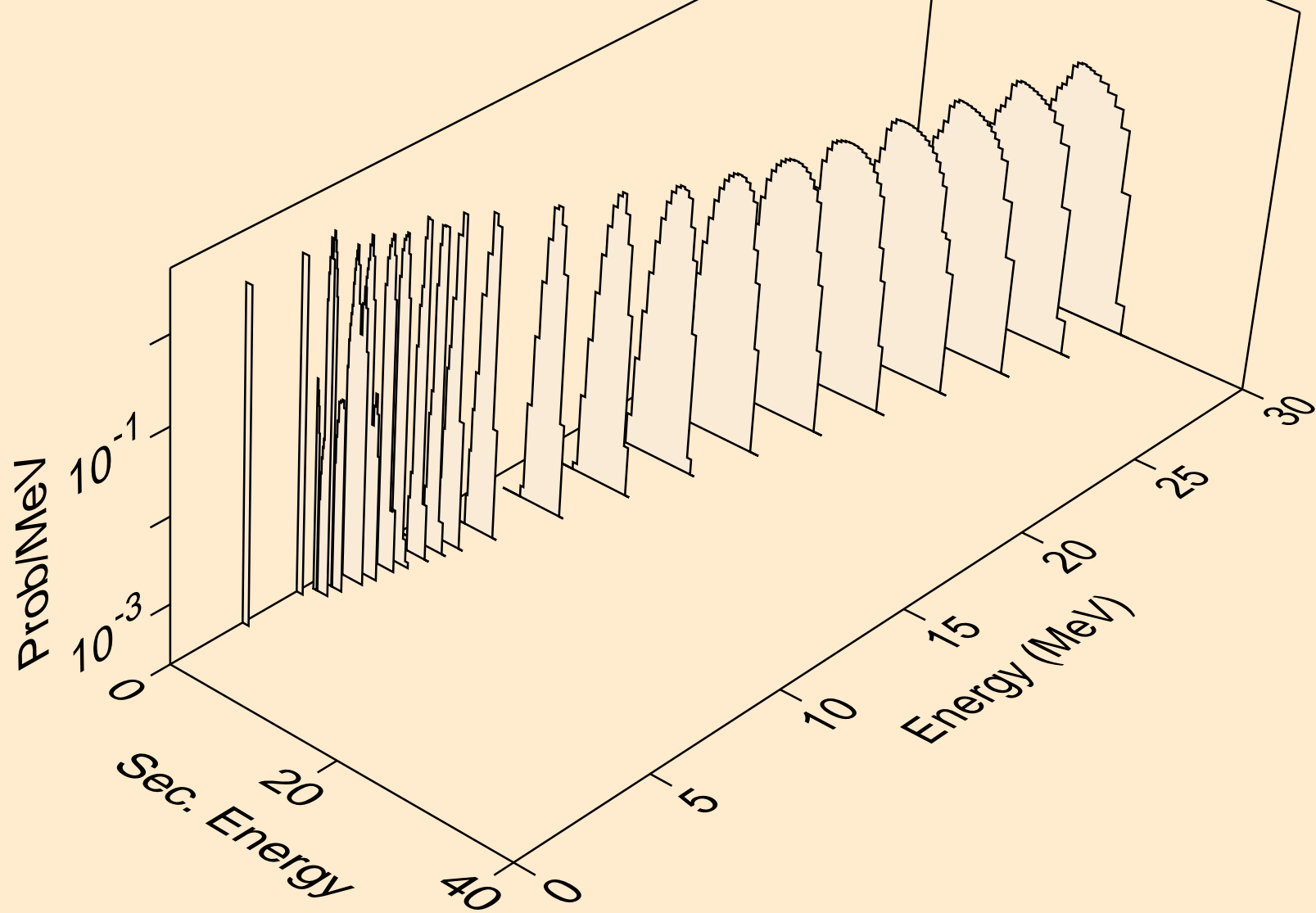
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



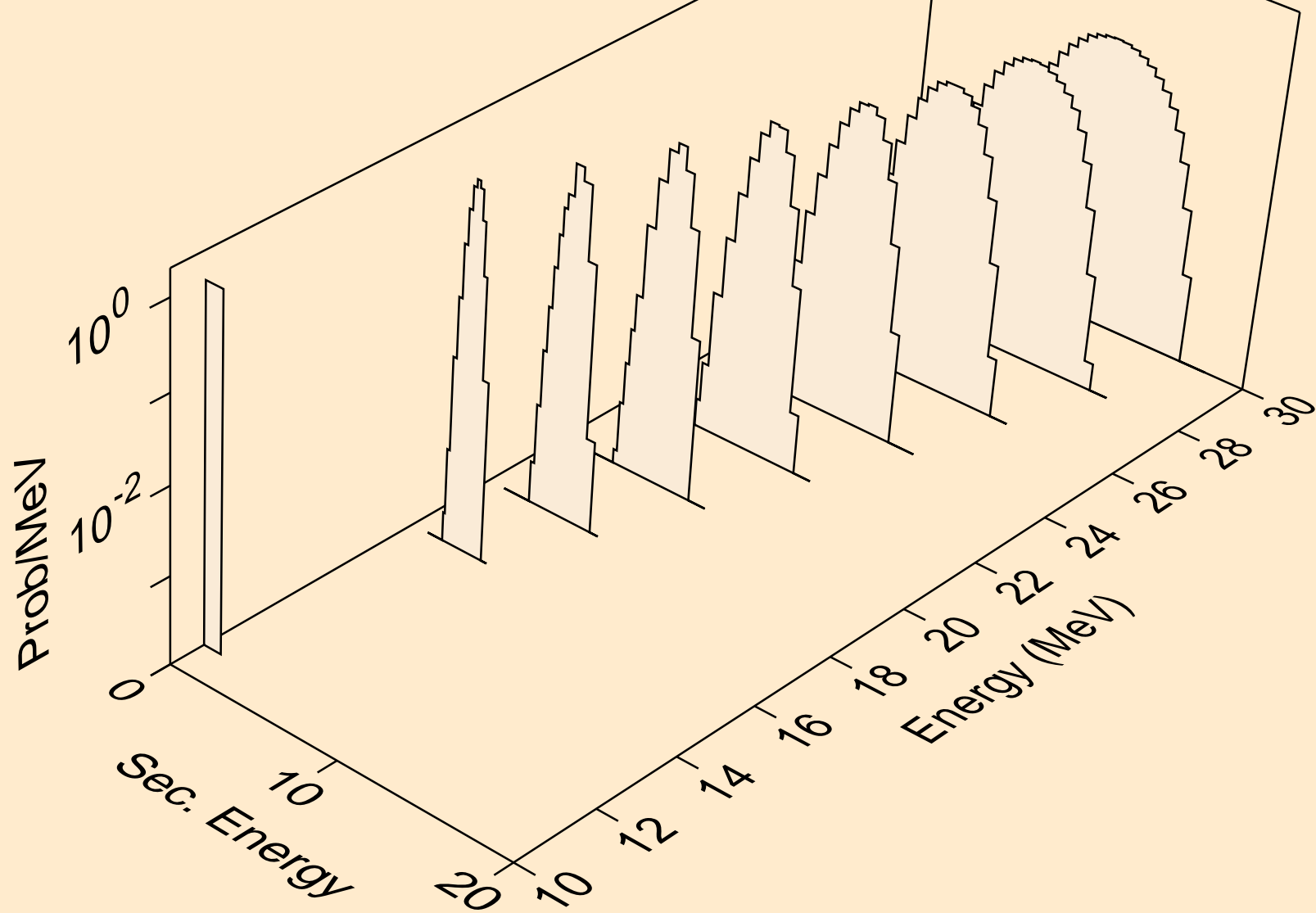
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



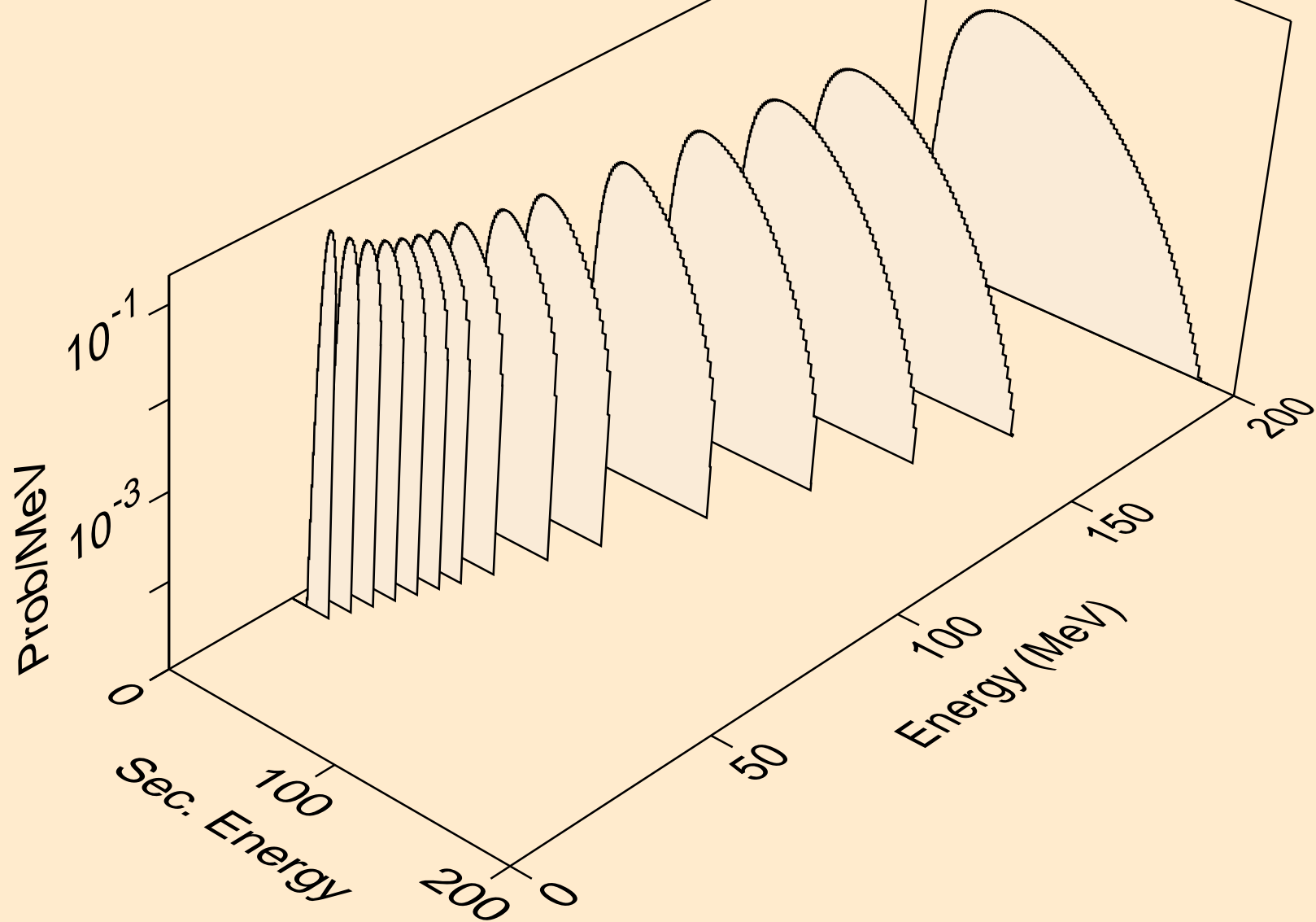
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

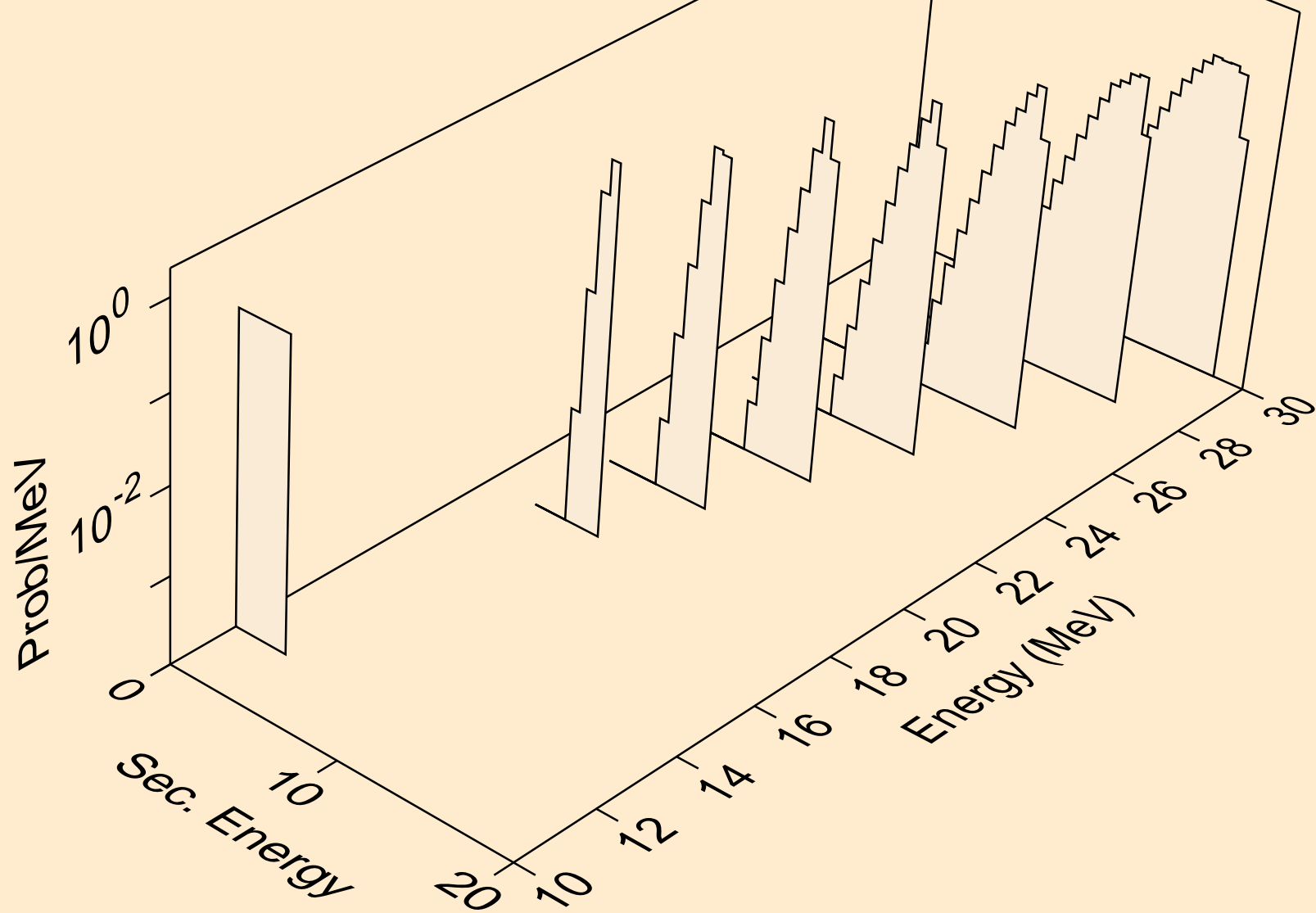


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

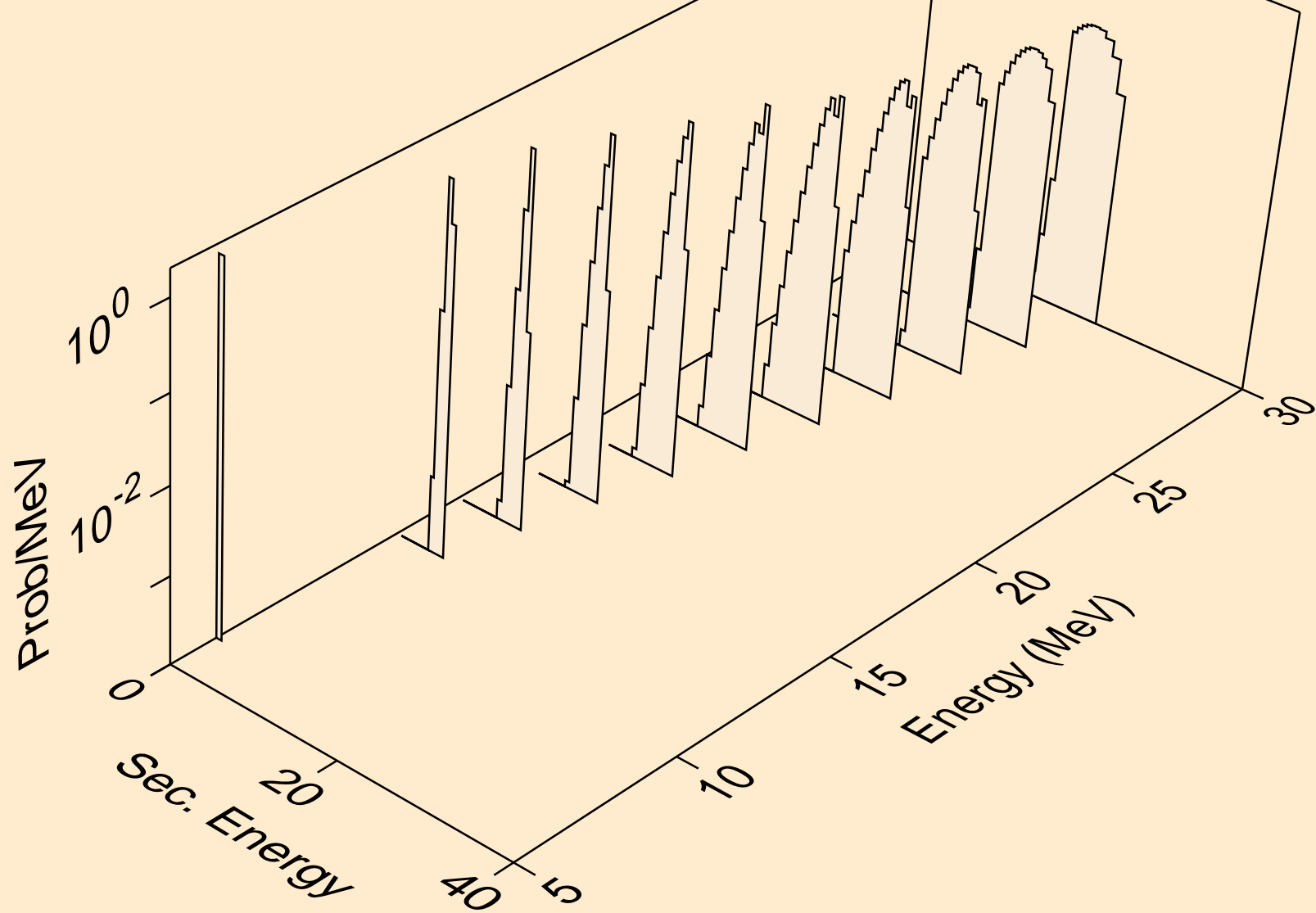




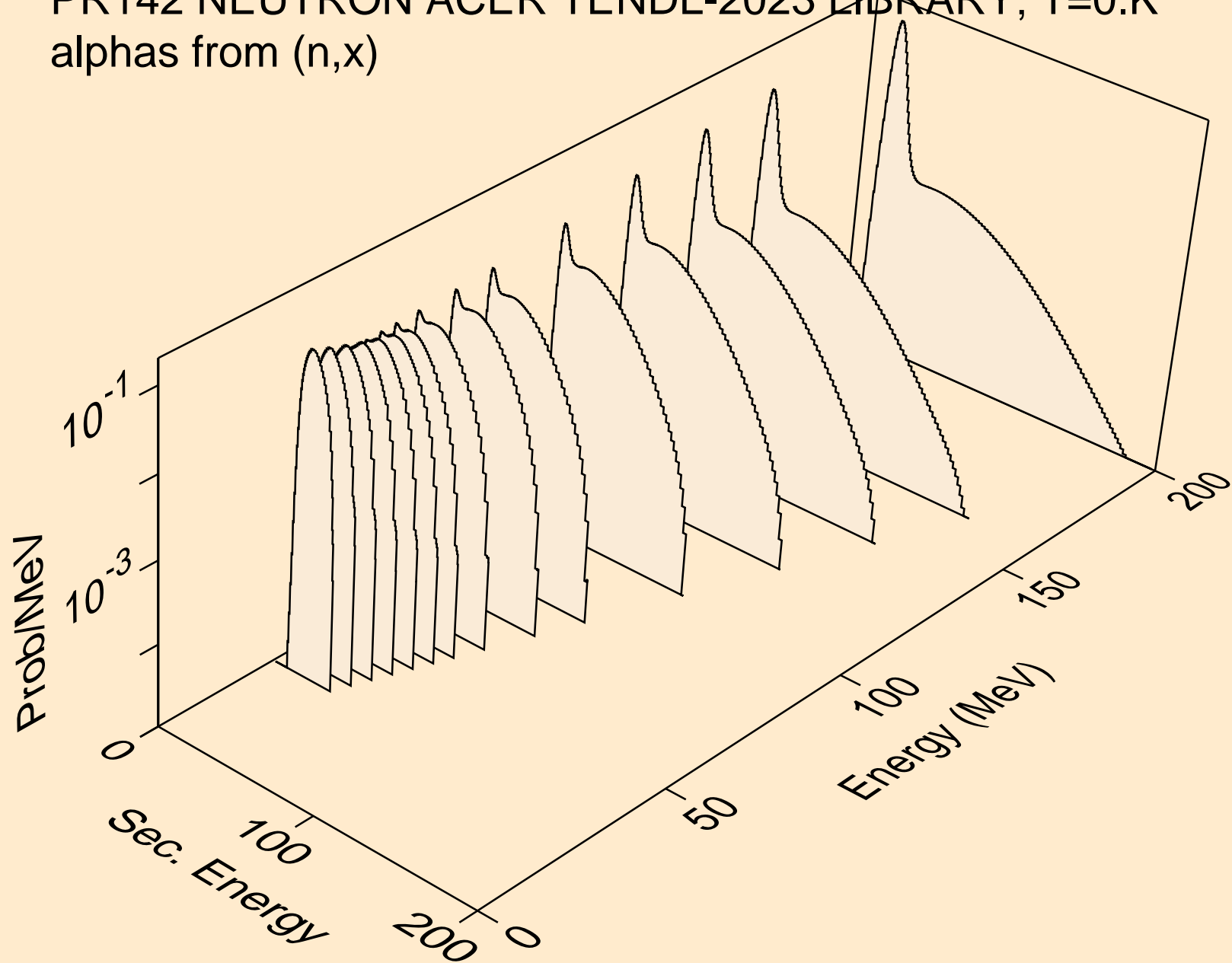
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



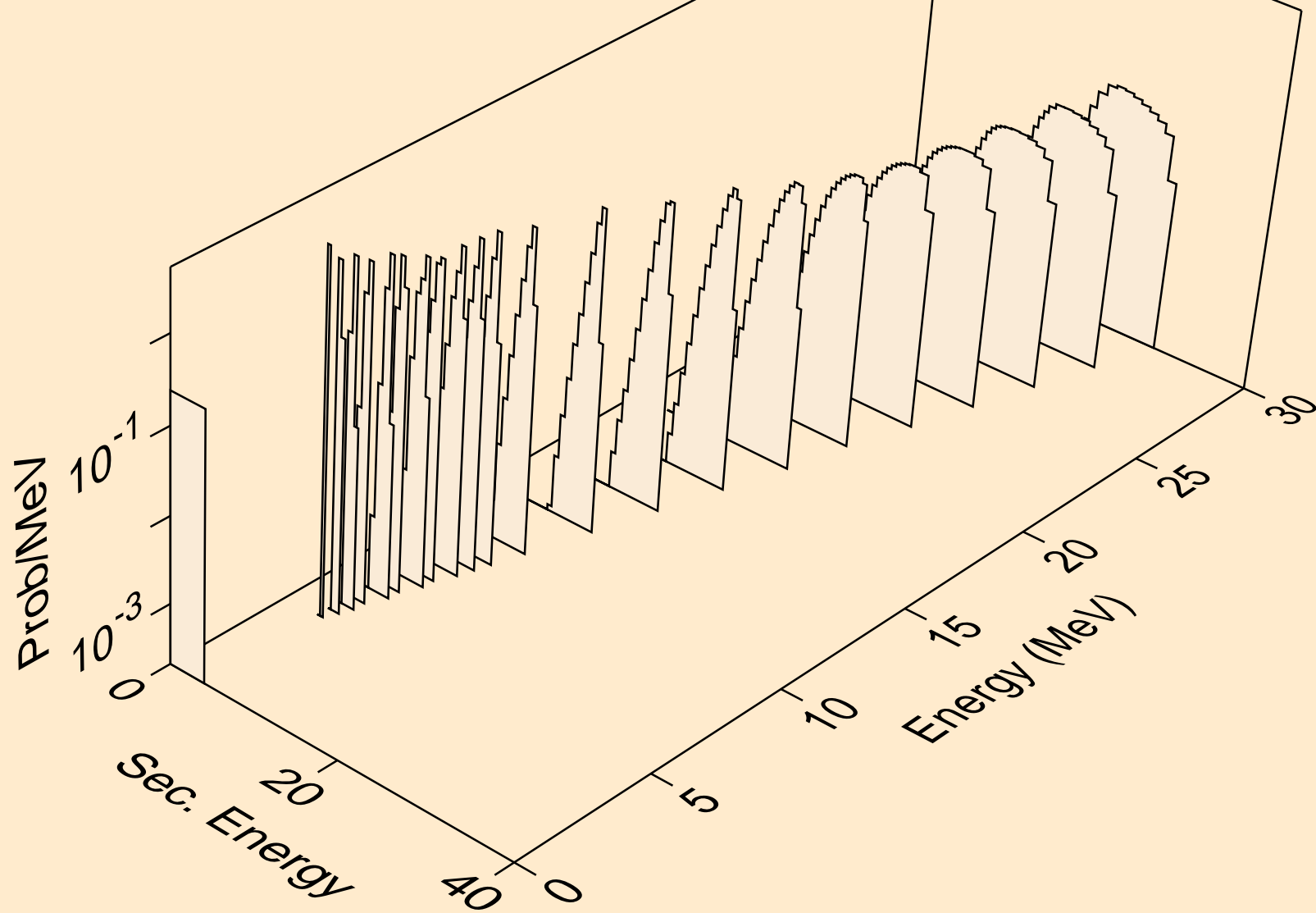
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



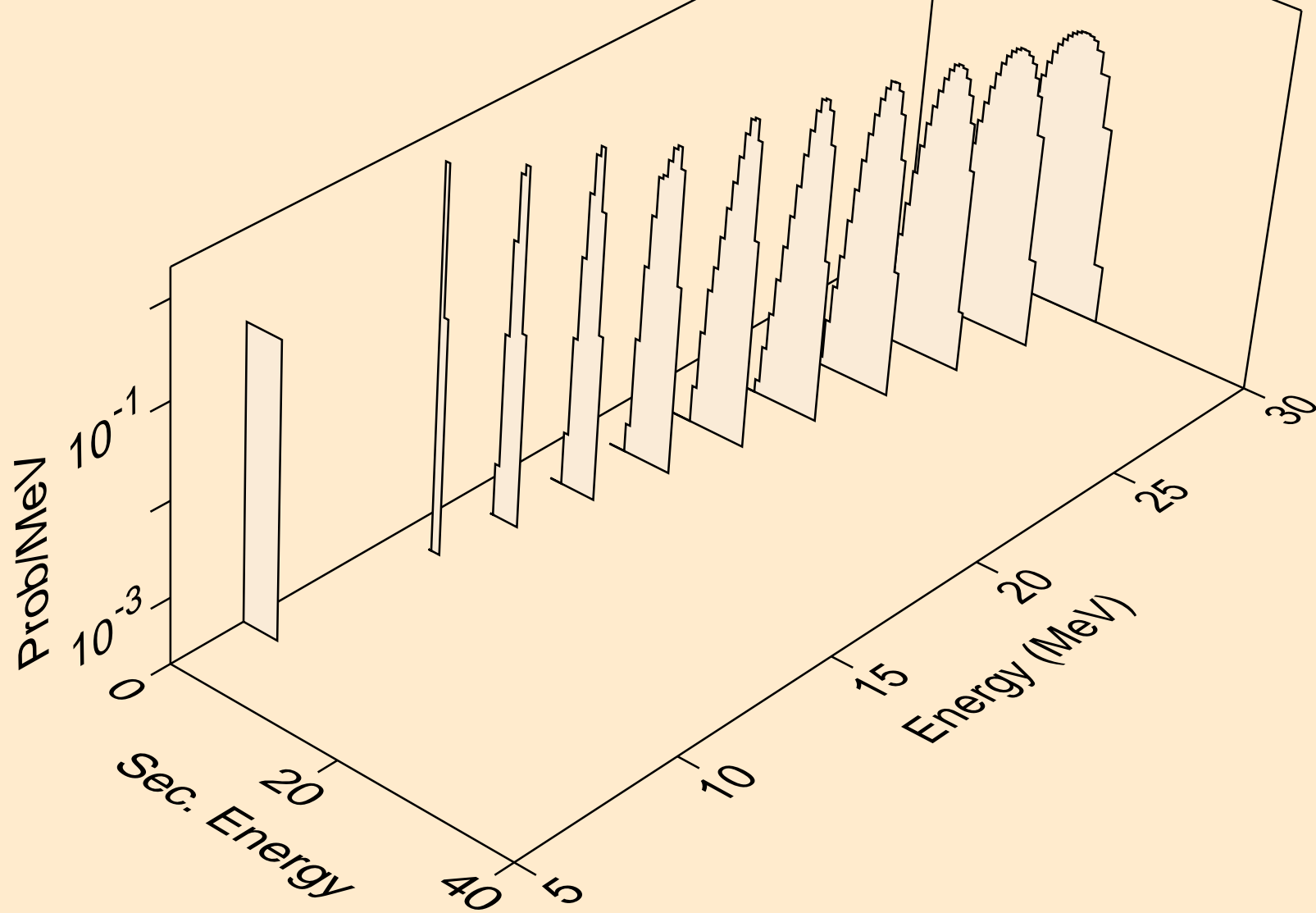
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



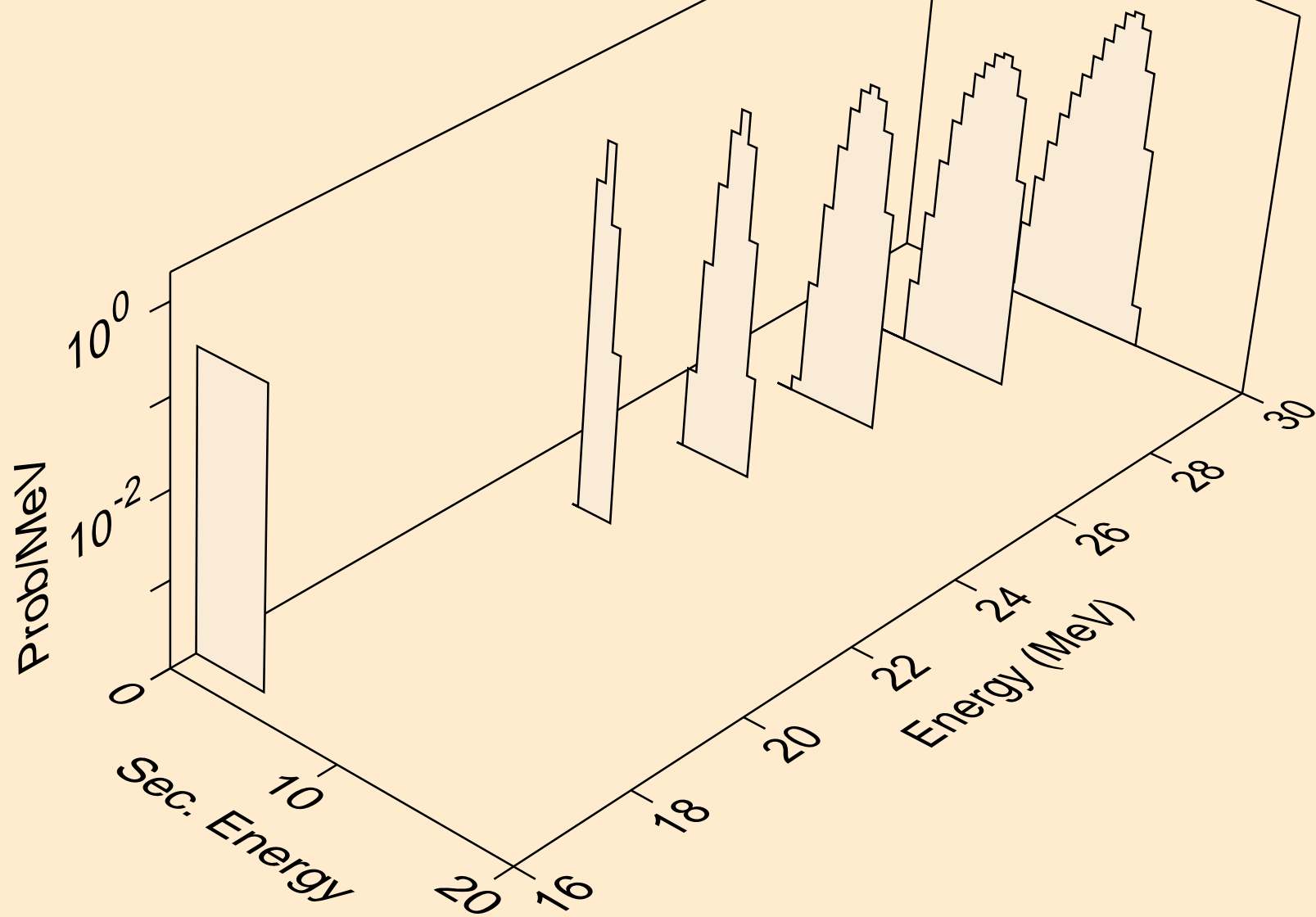
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



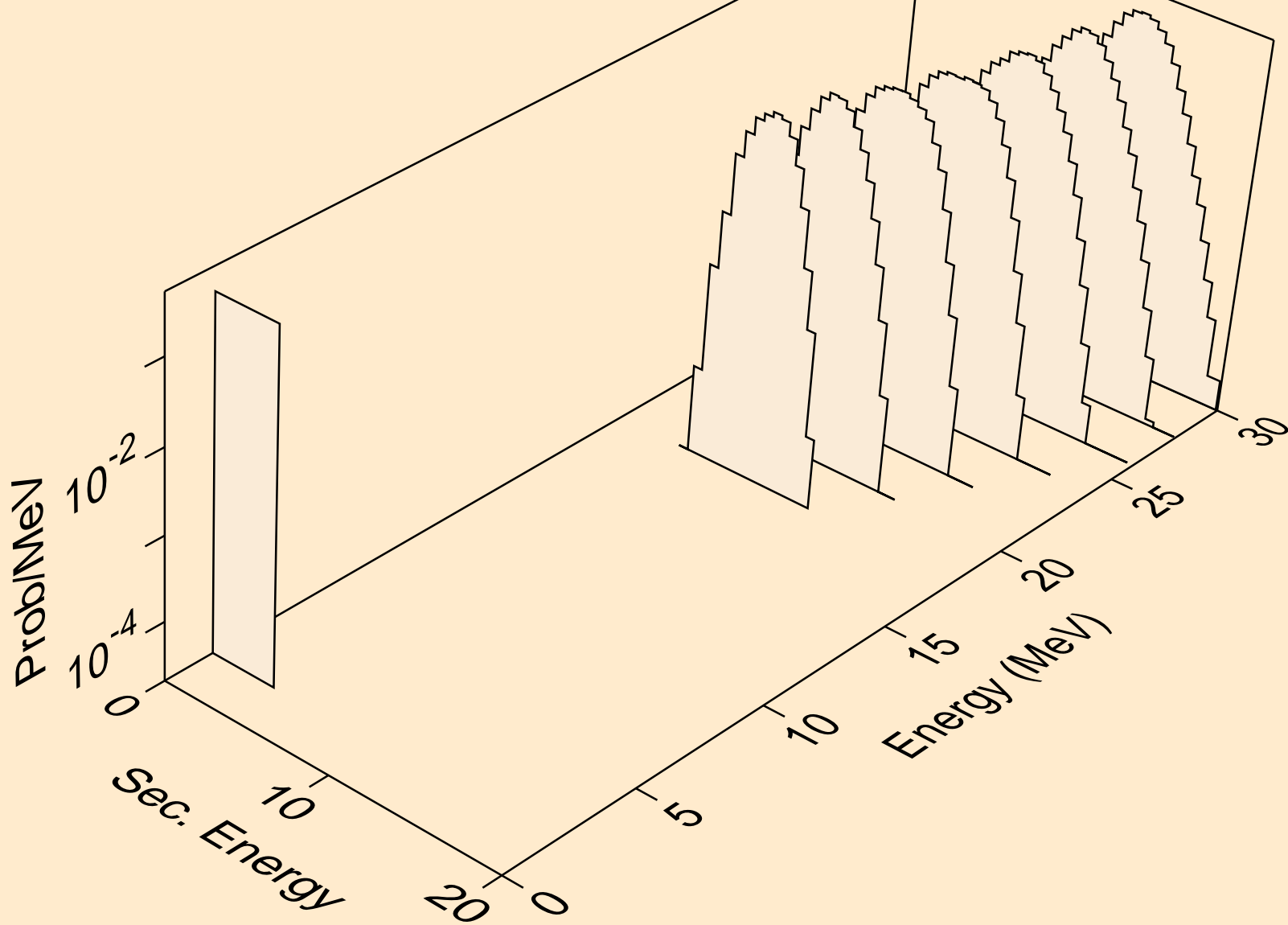
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



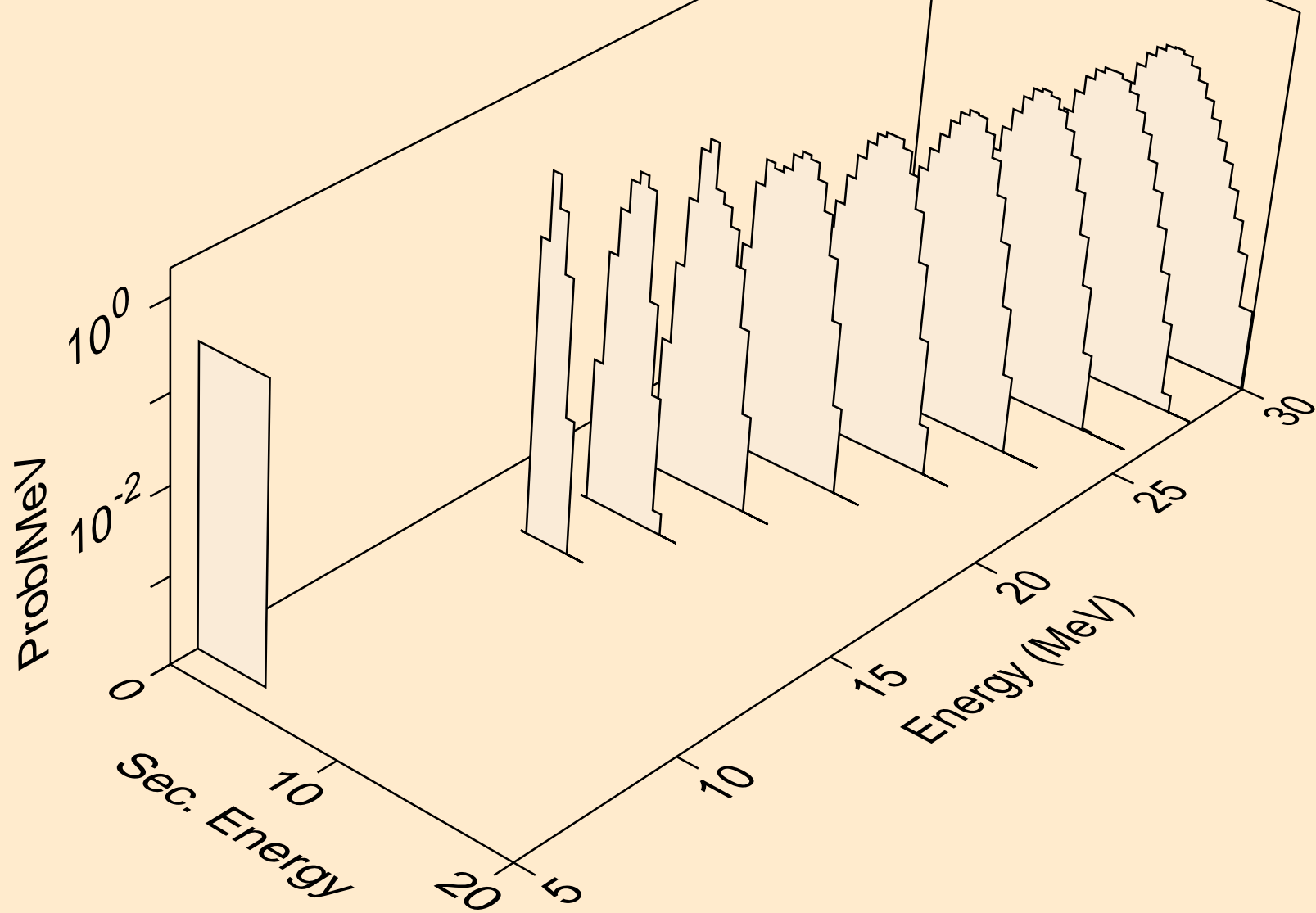
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

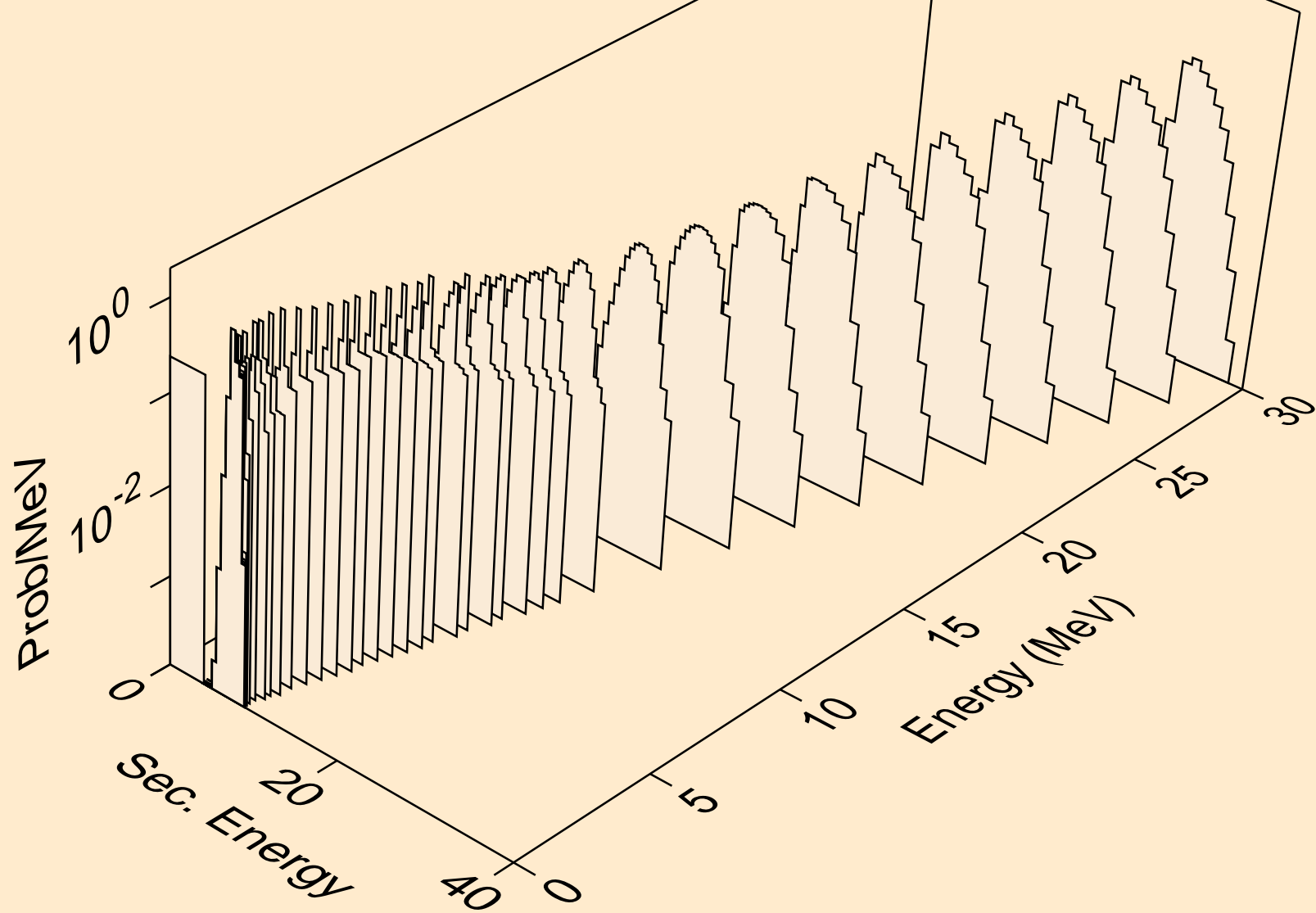


PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

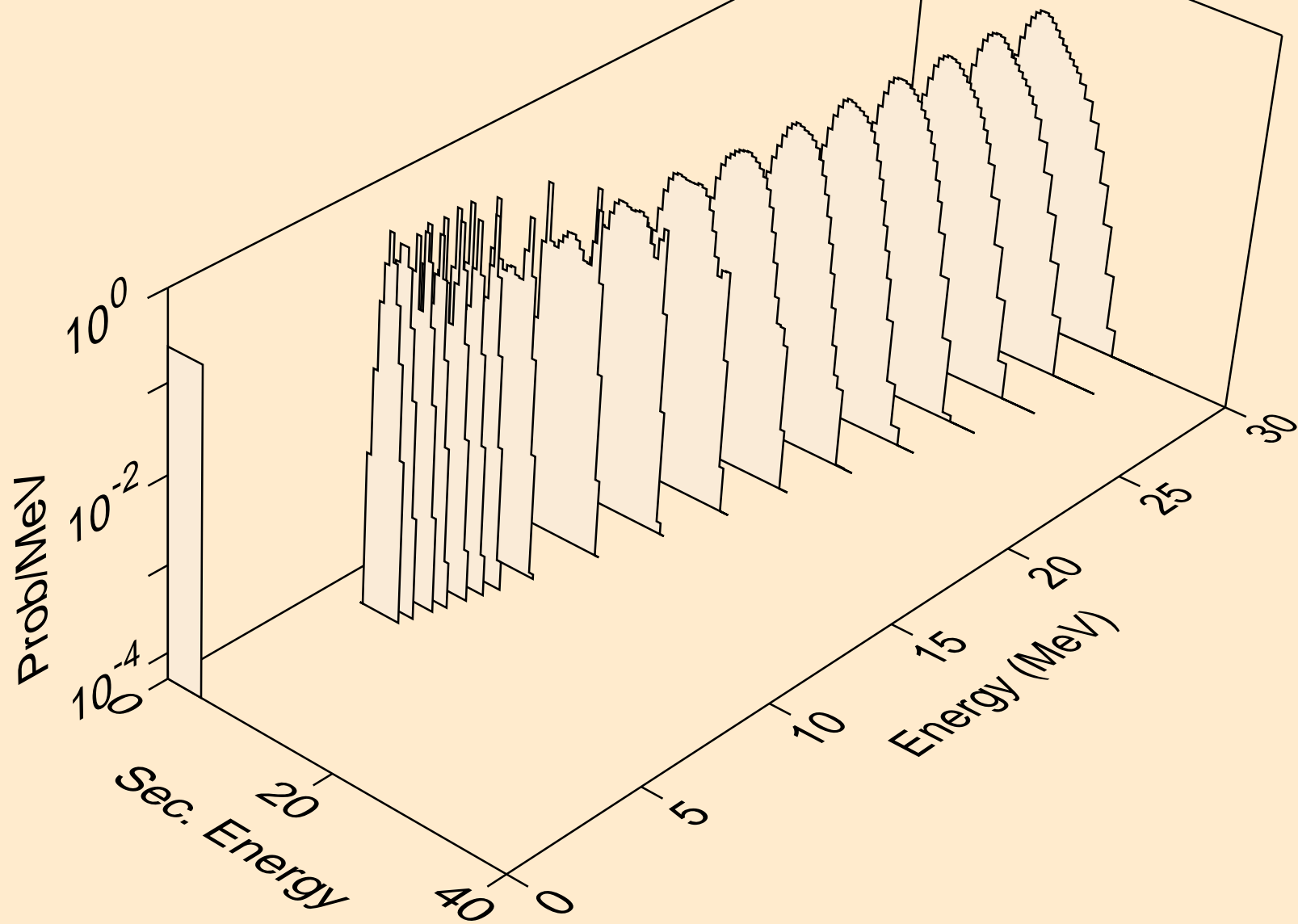




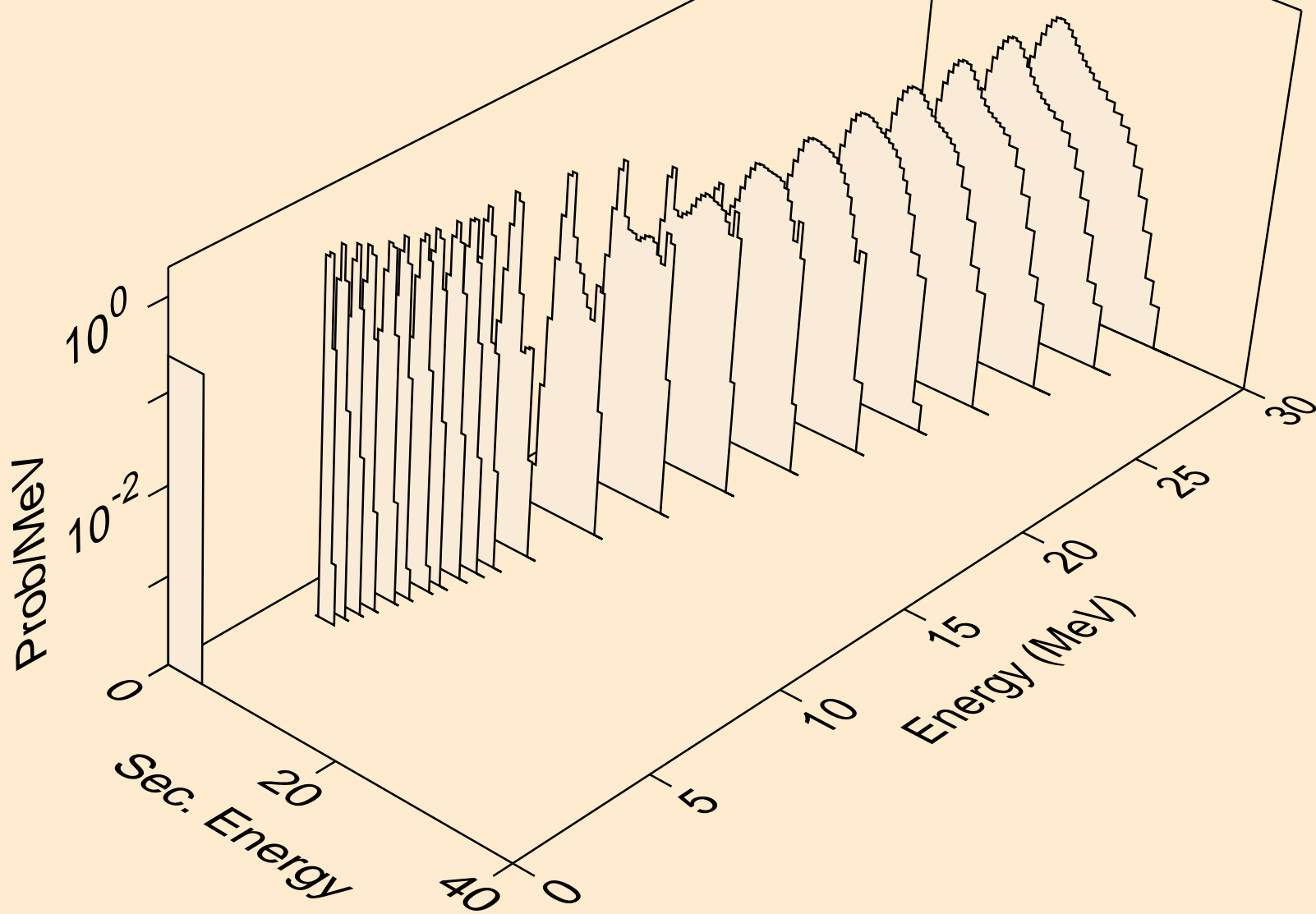
PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



PR142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

