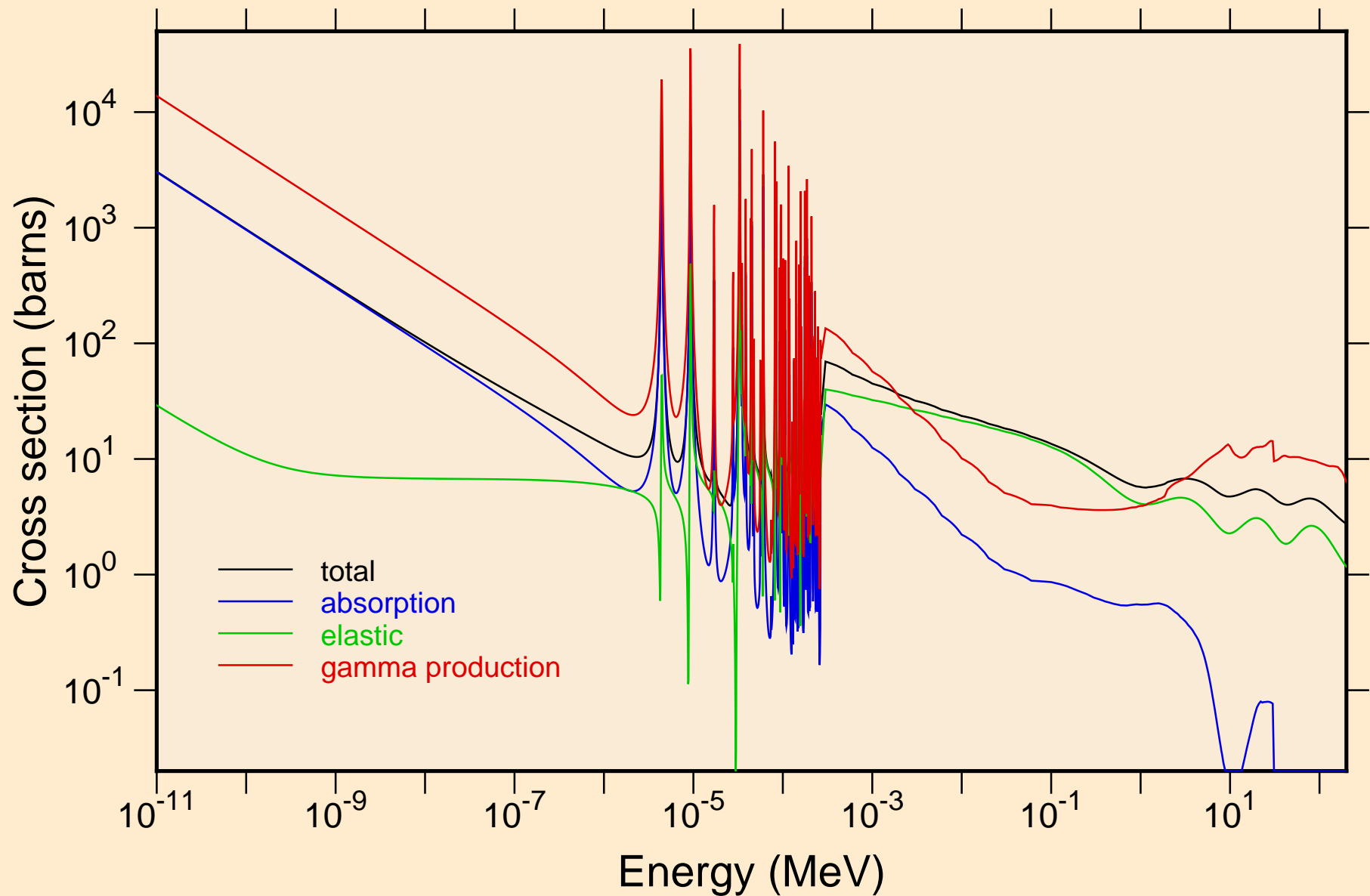
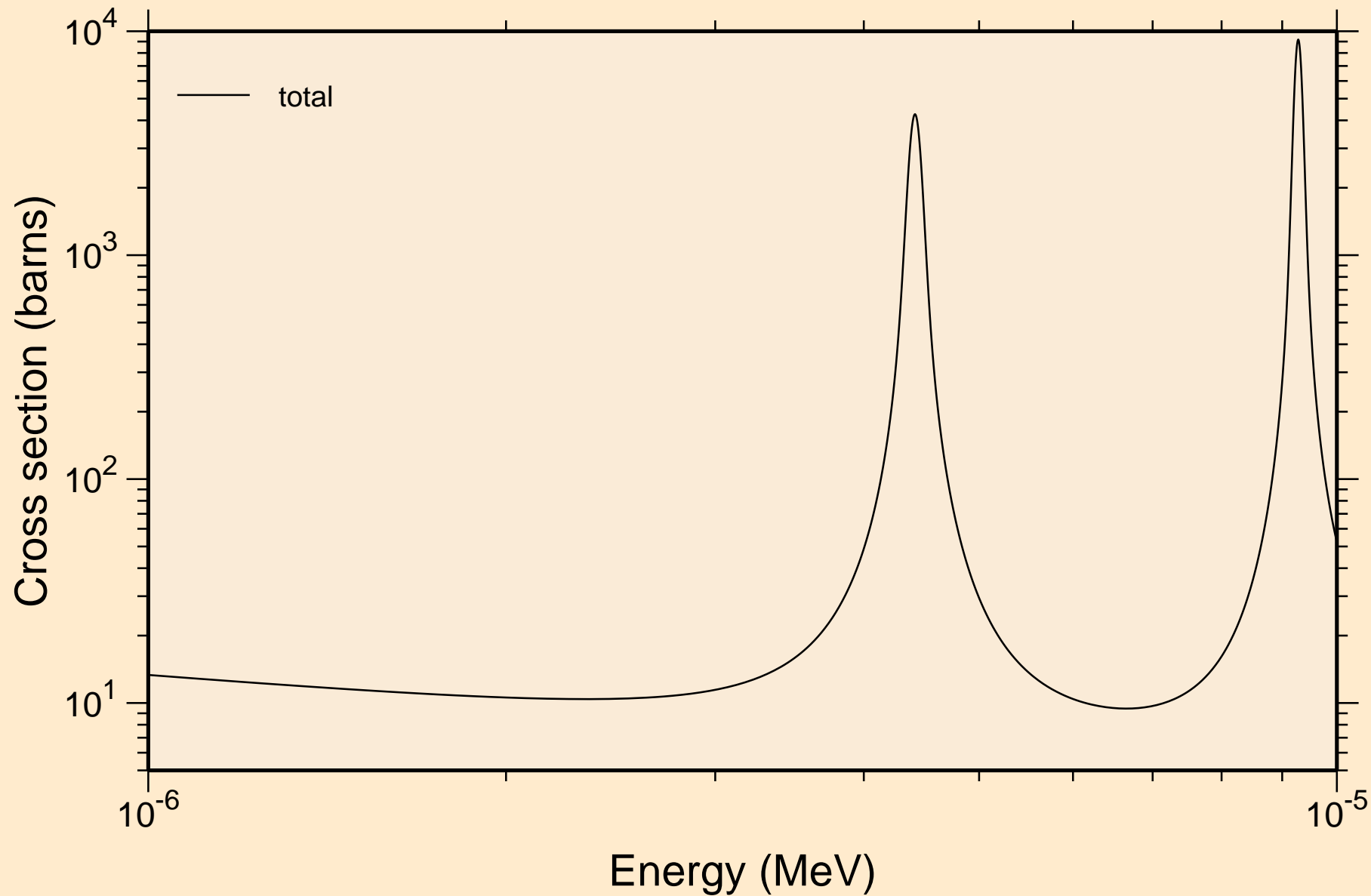


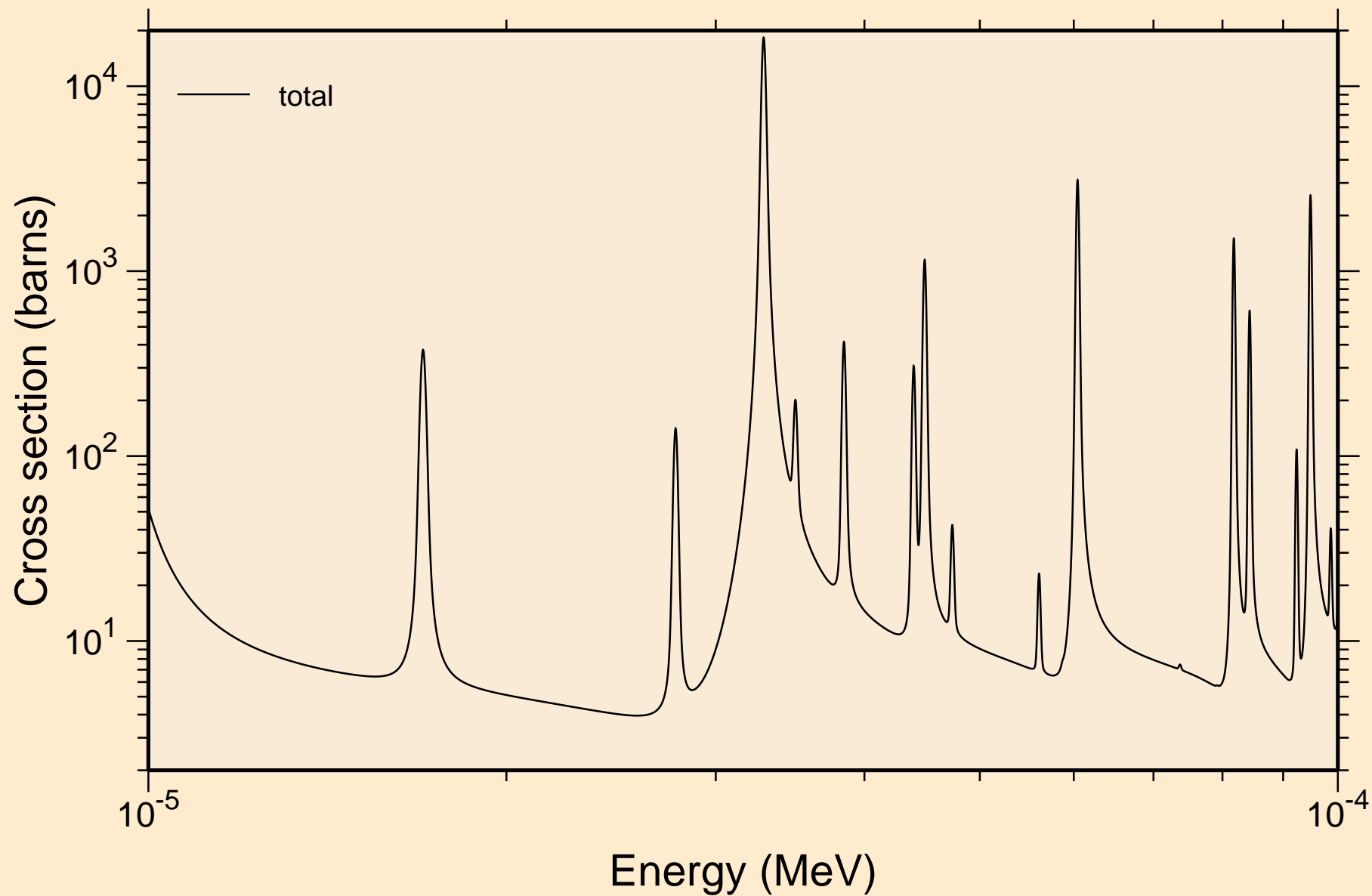
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



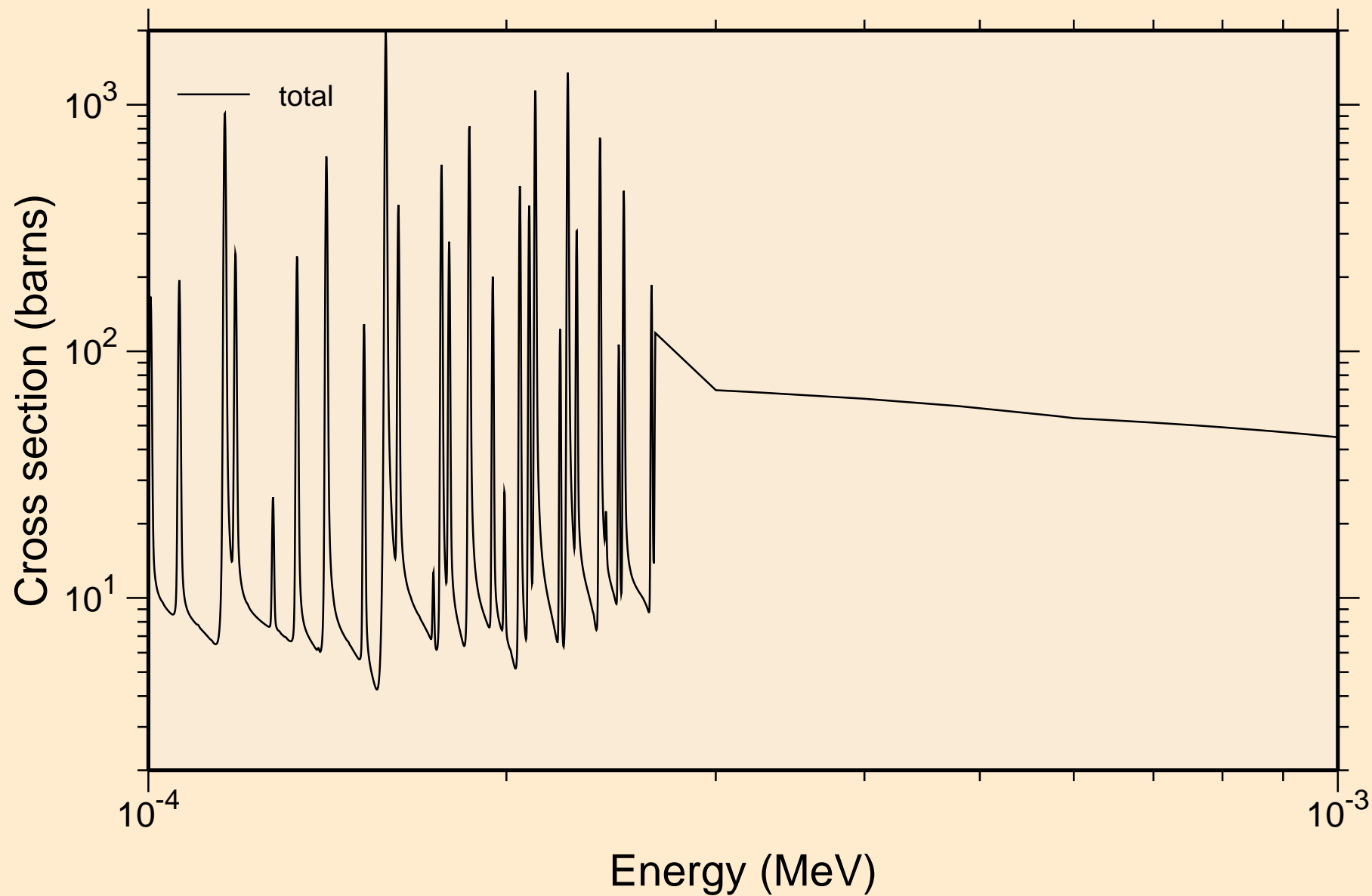
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



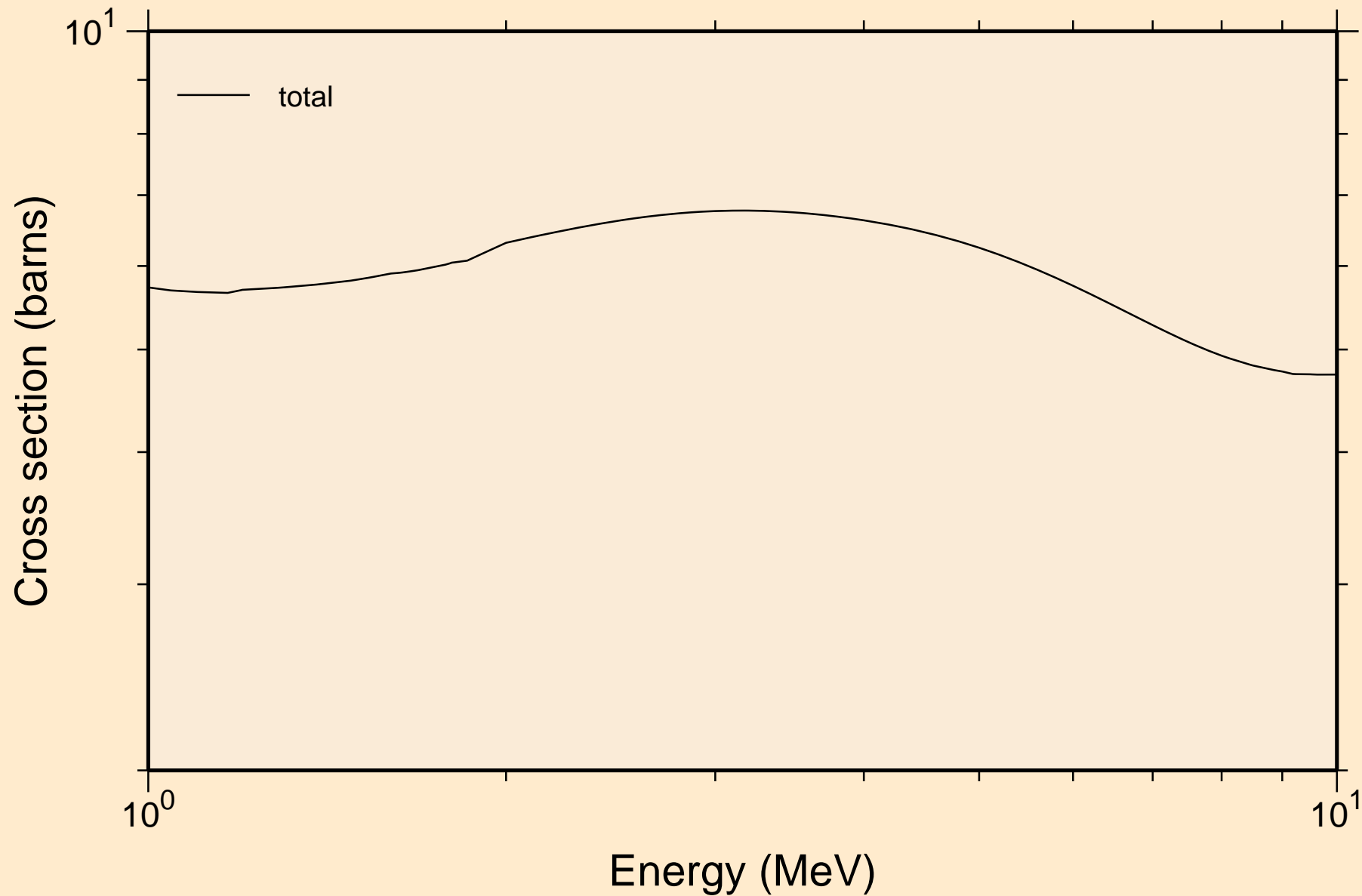
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



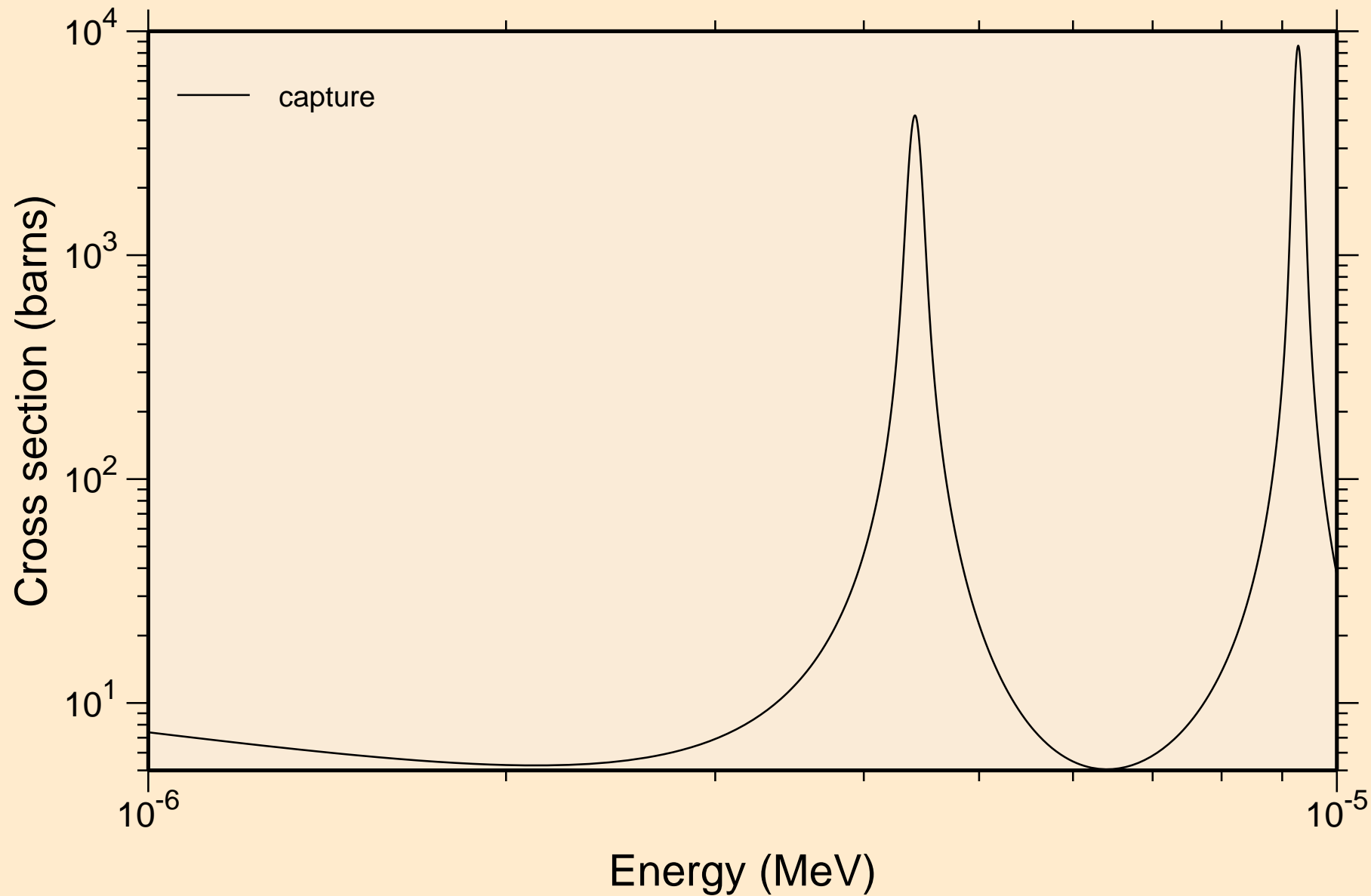
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



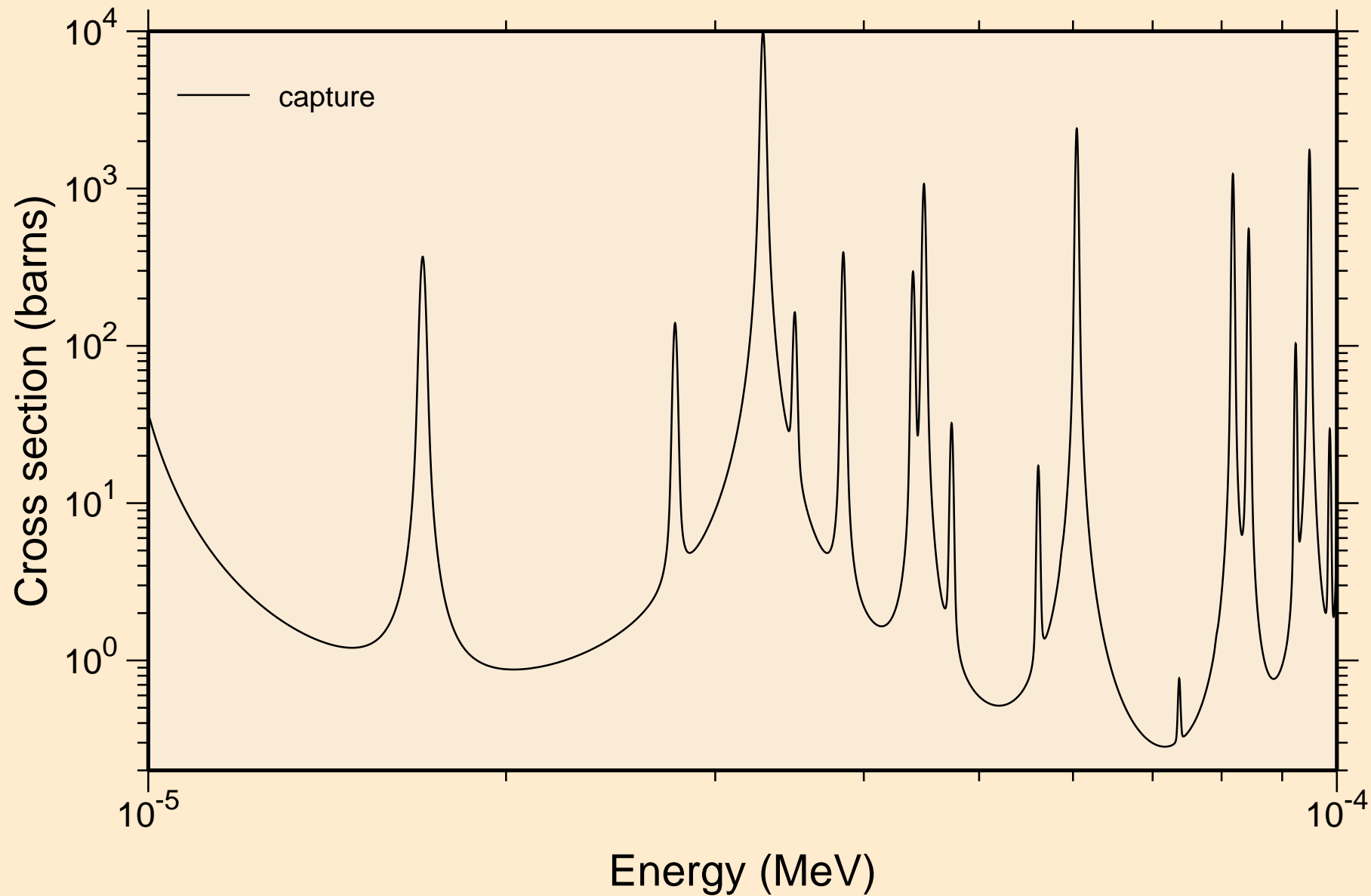
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



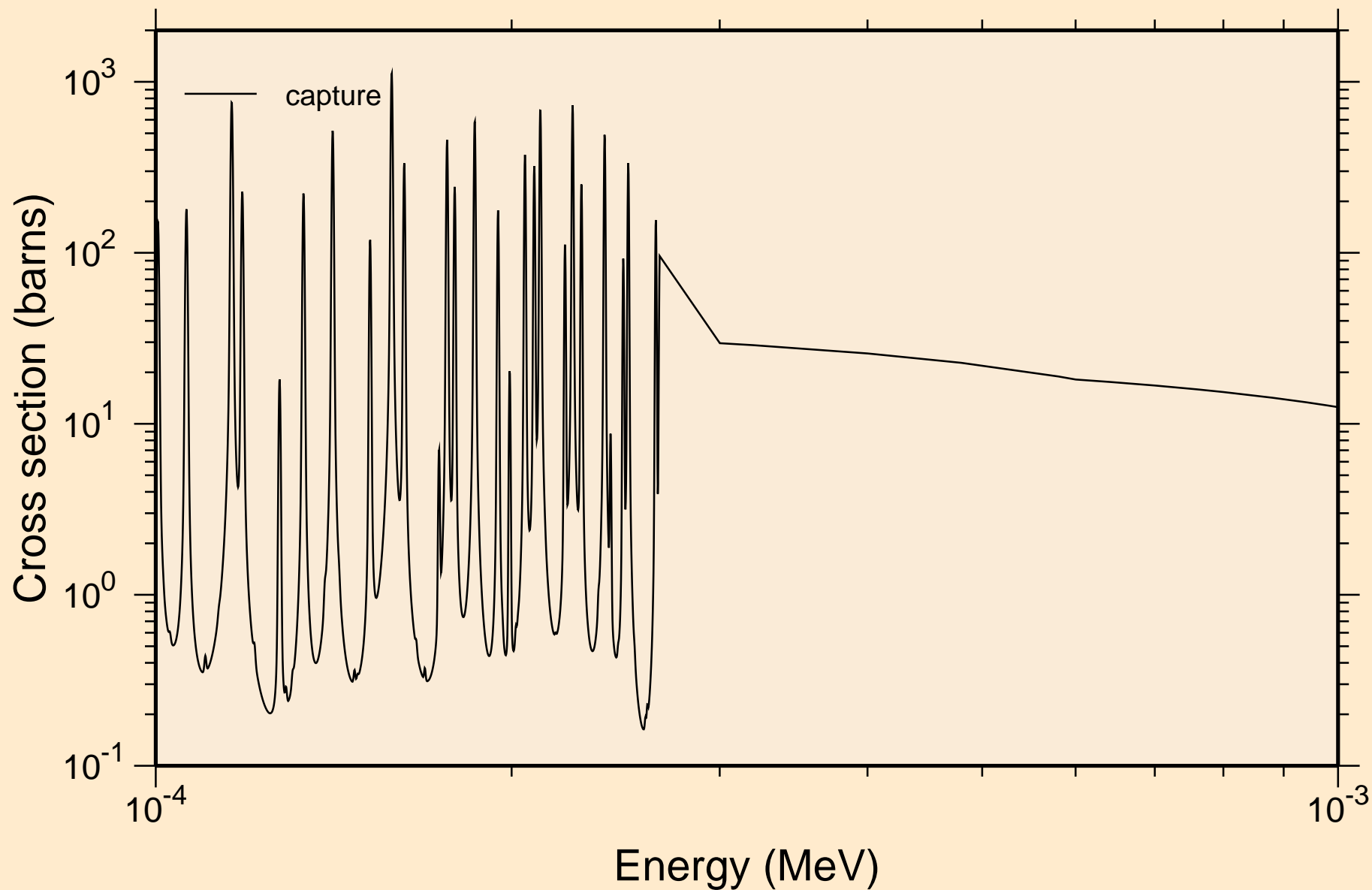
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

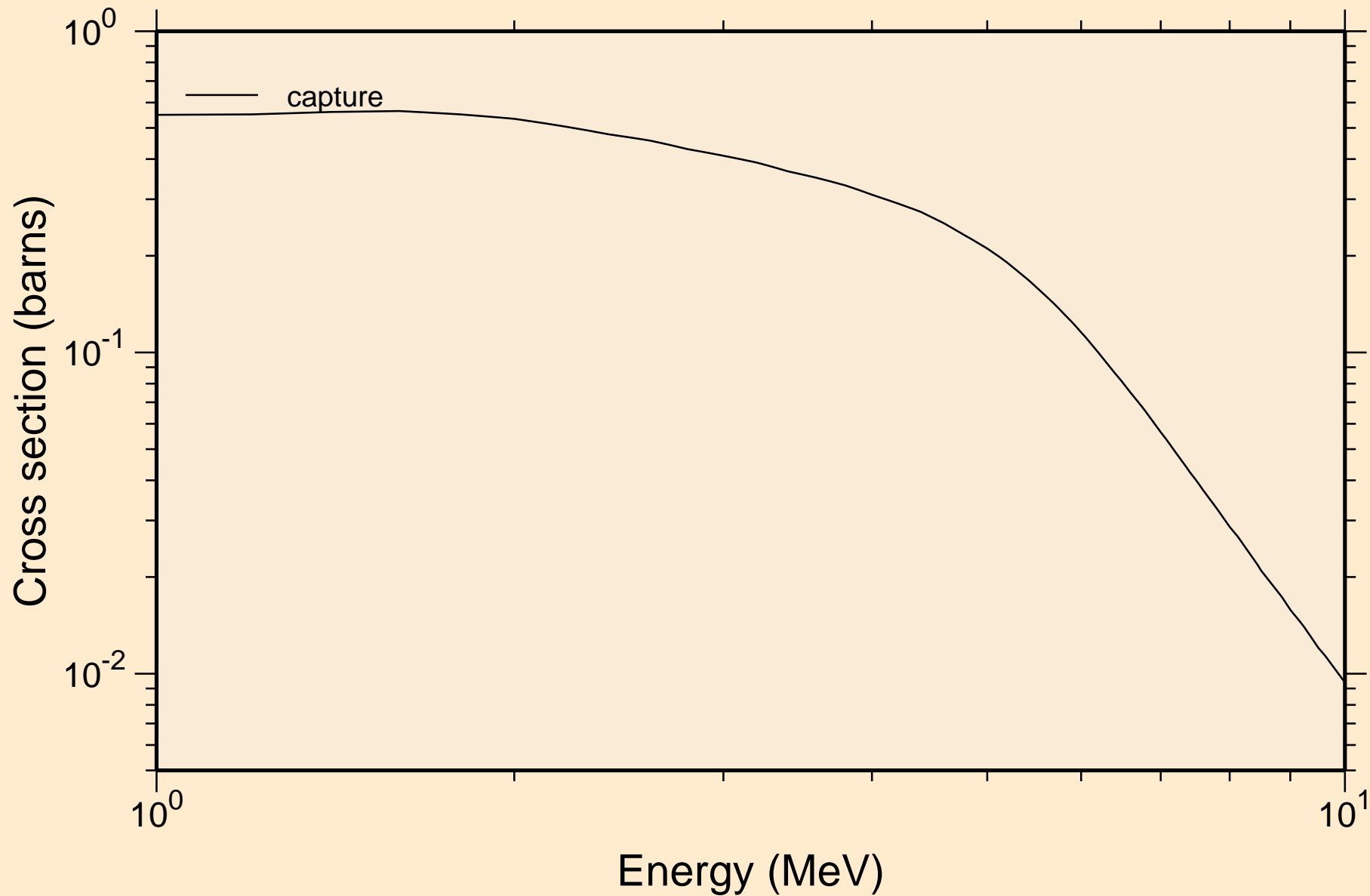


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

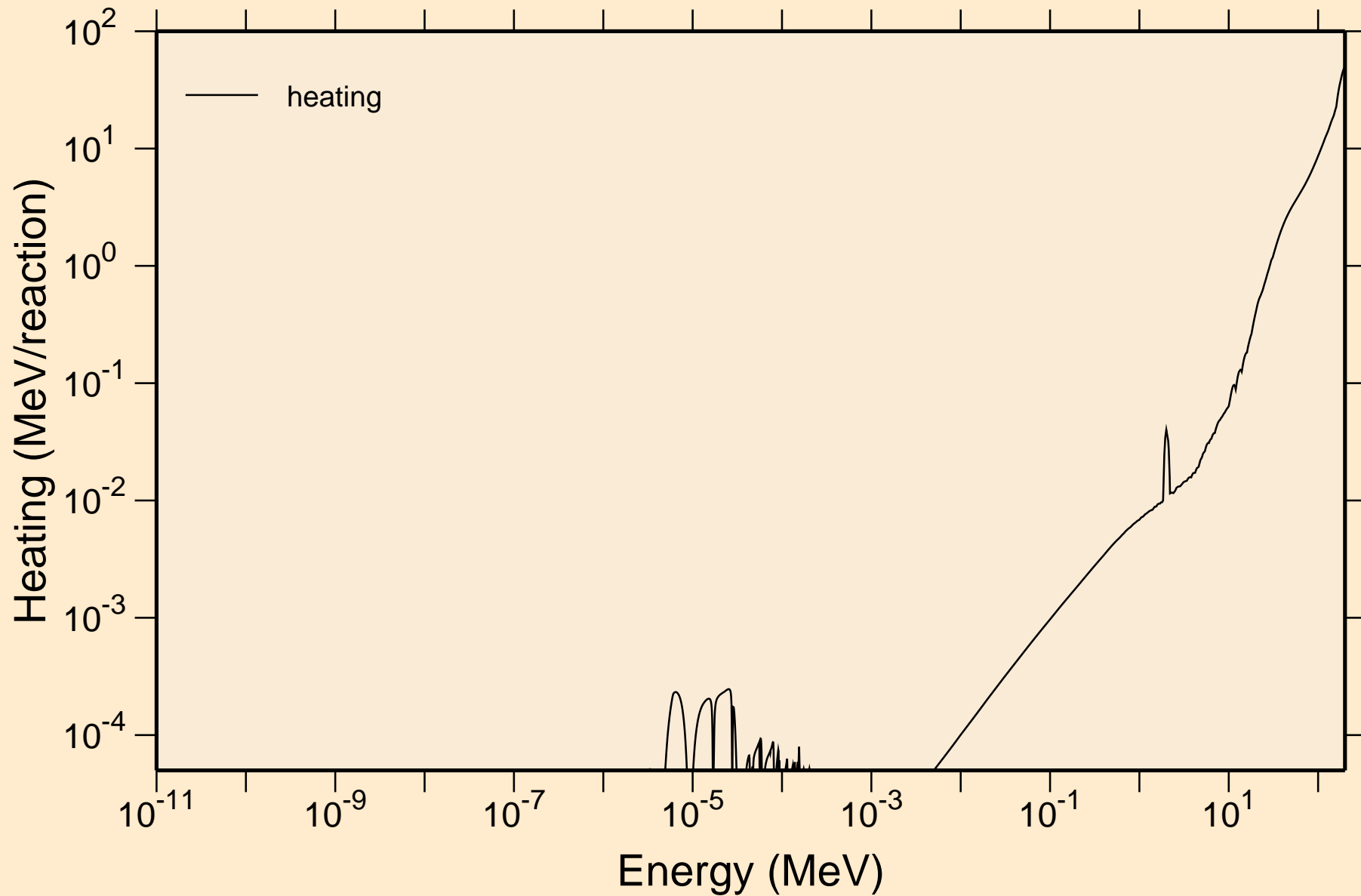




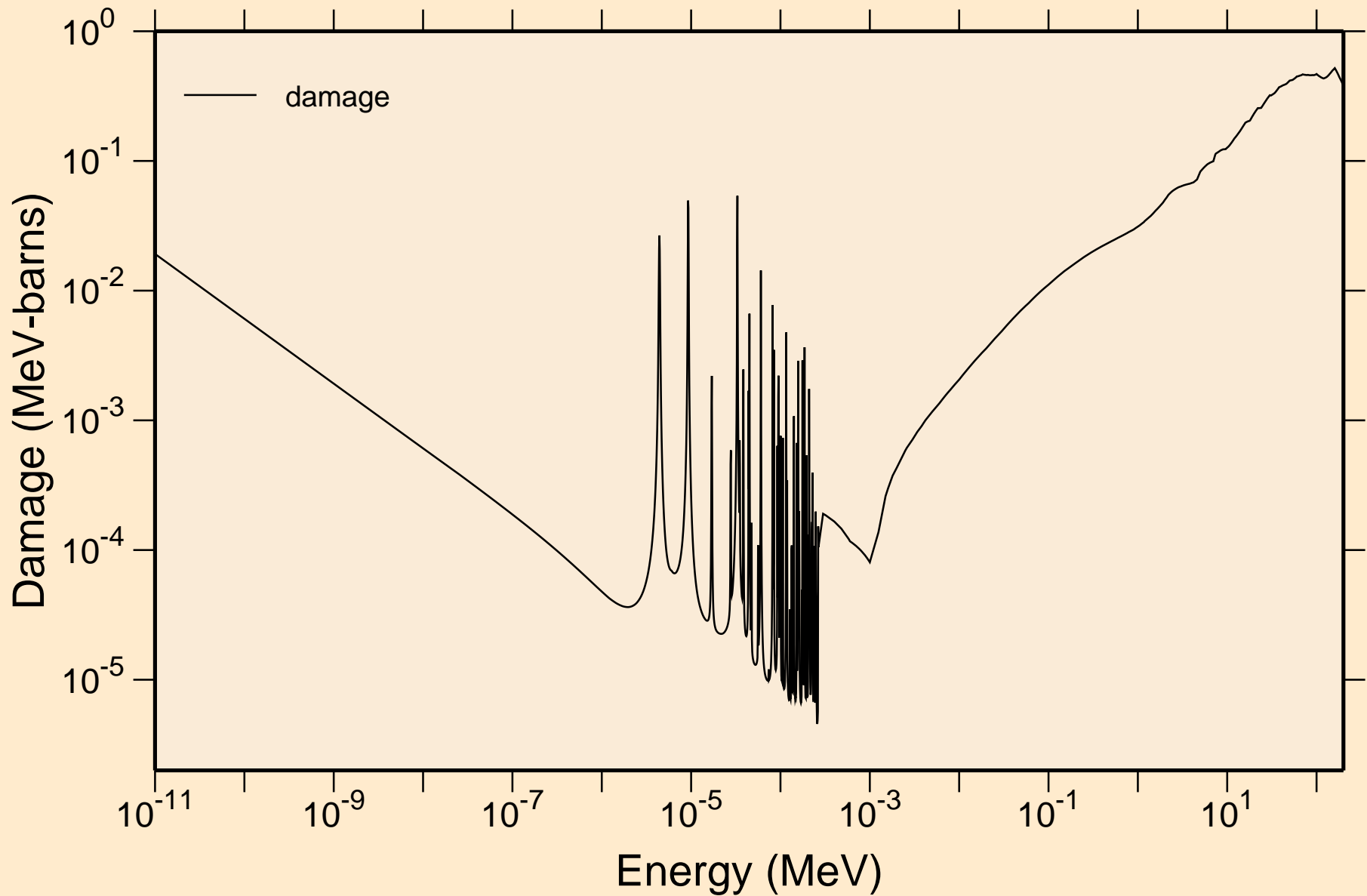
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



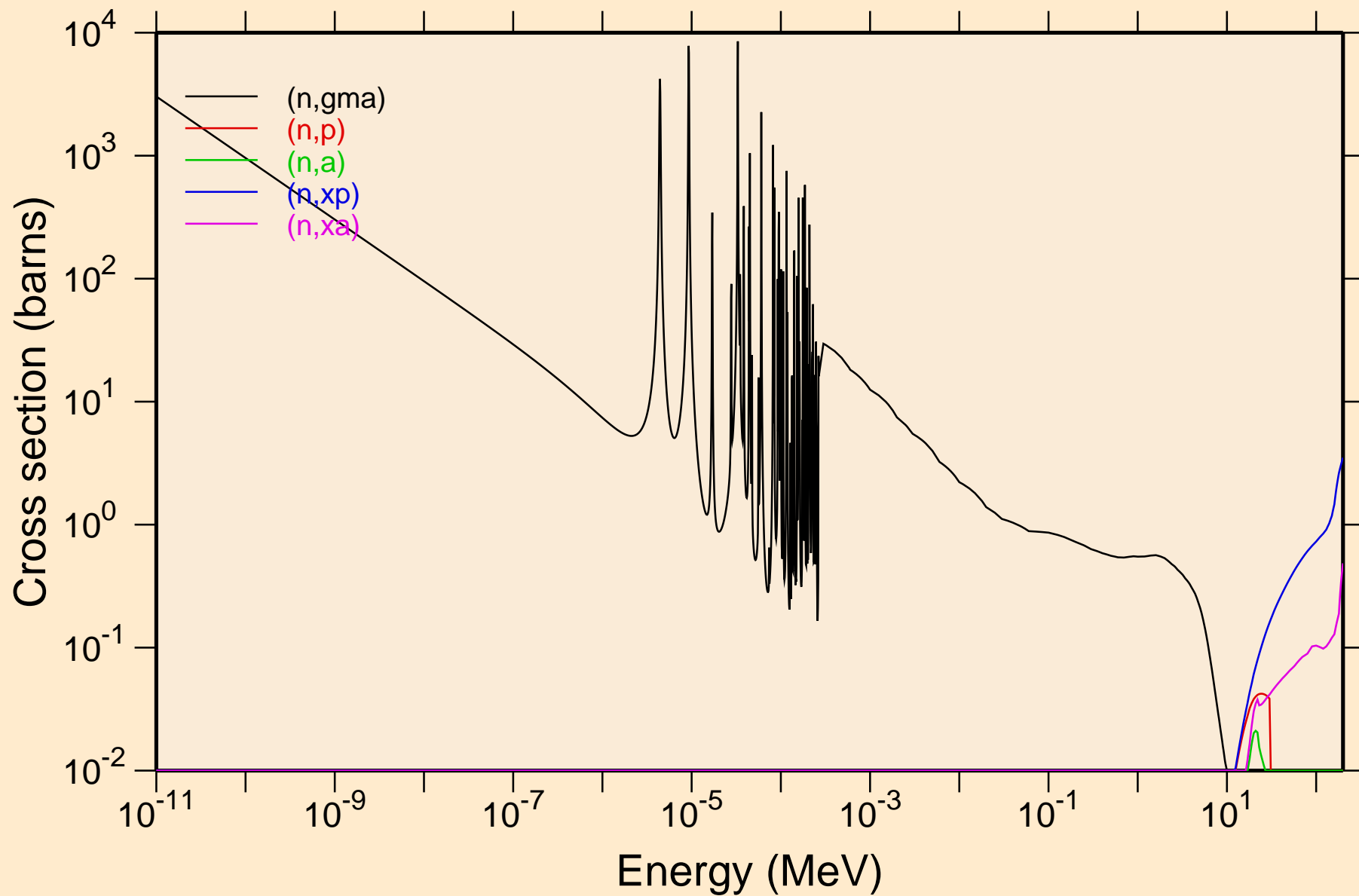
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

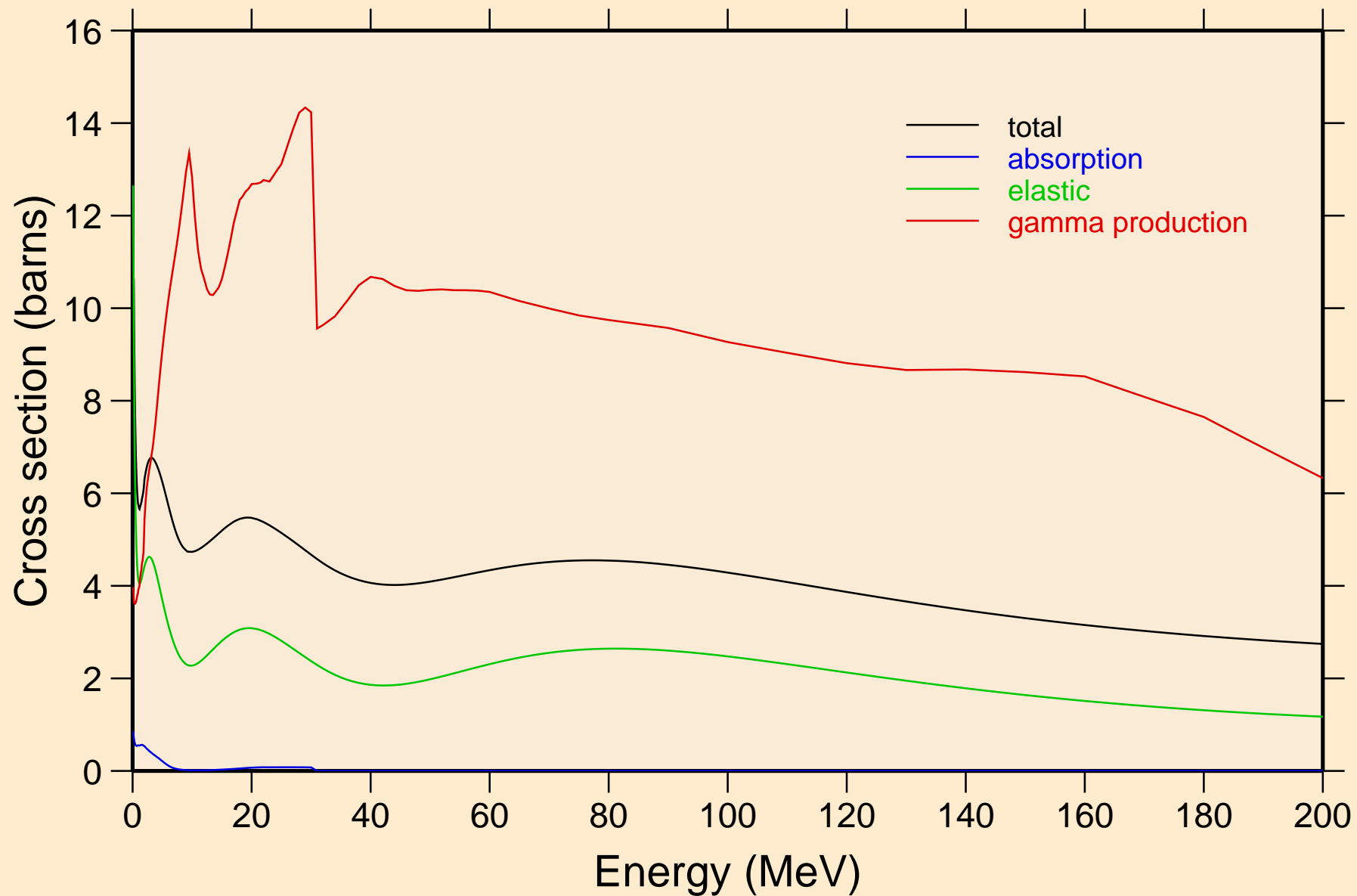


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

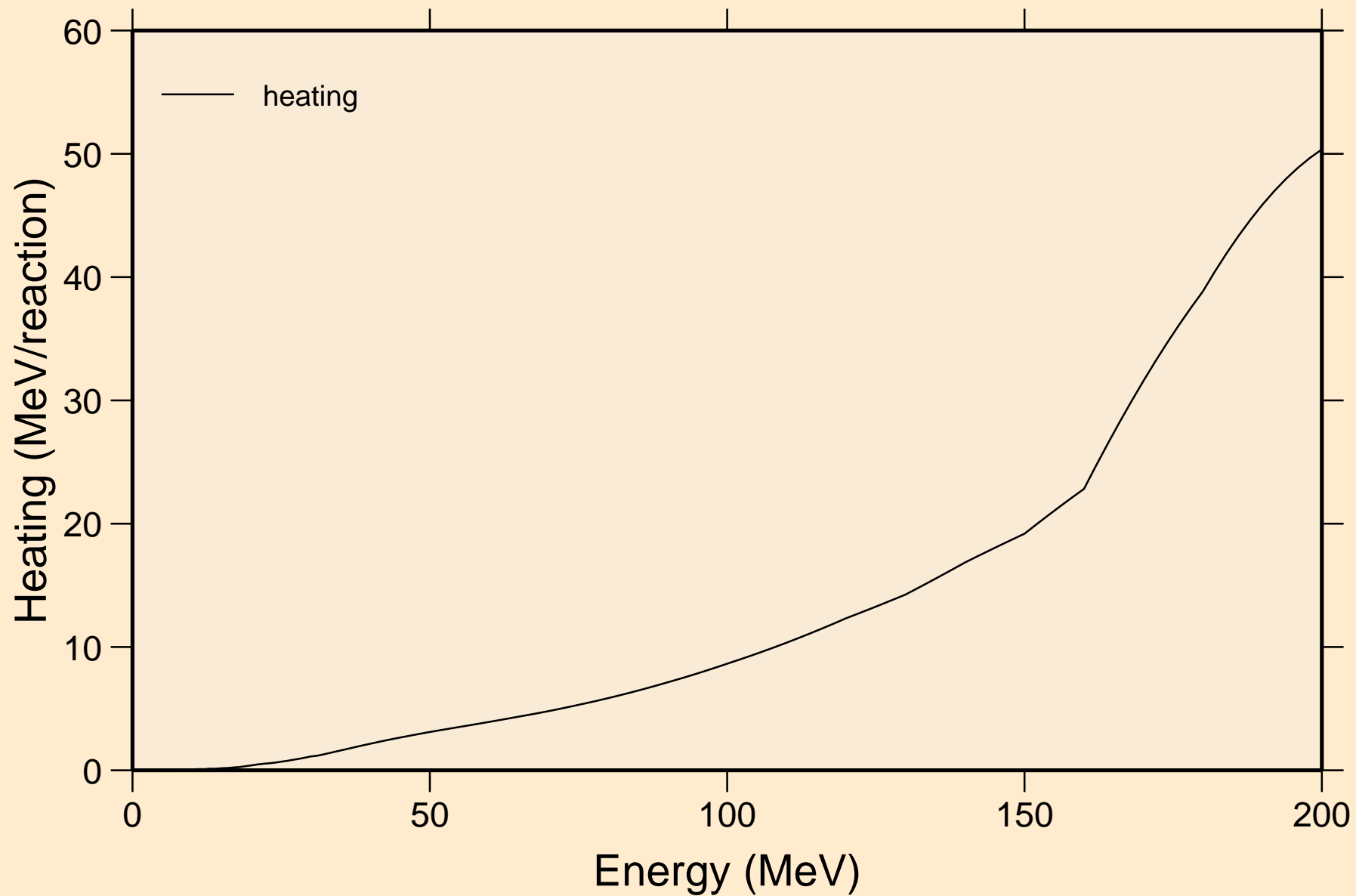


# OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

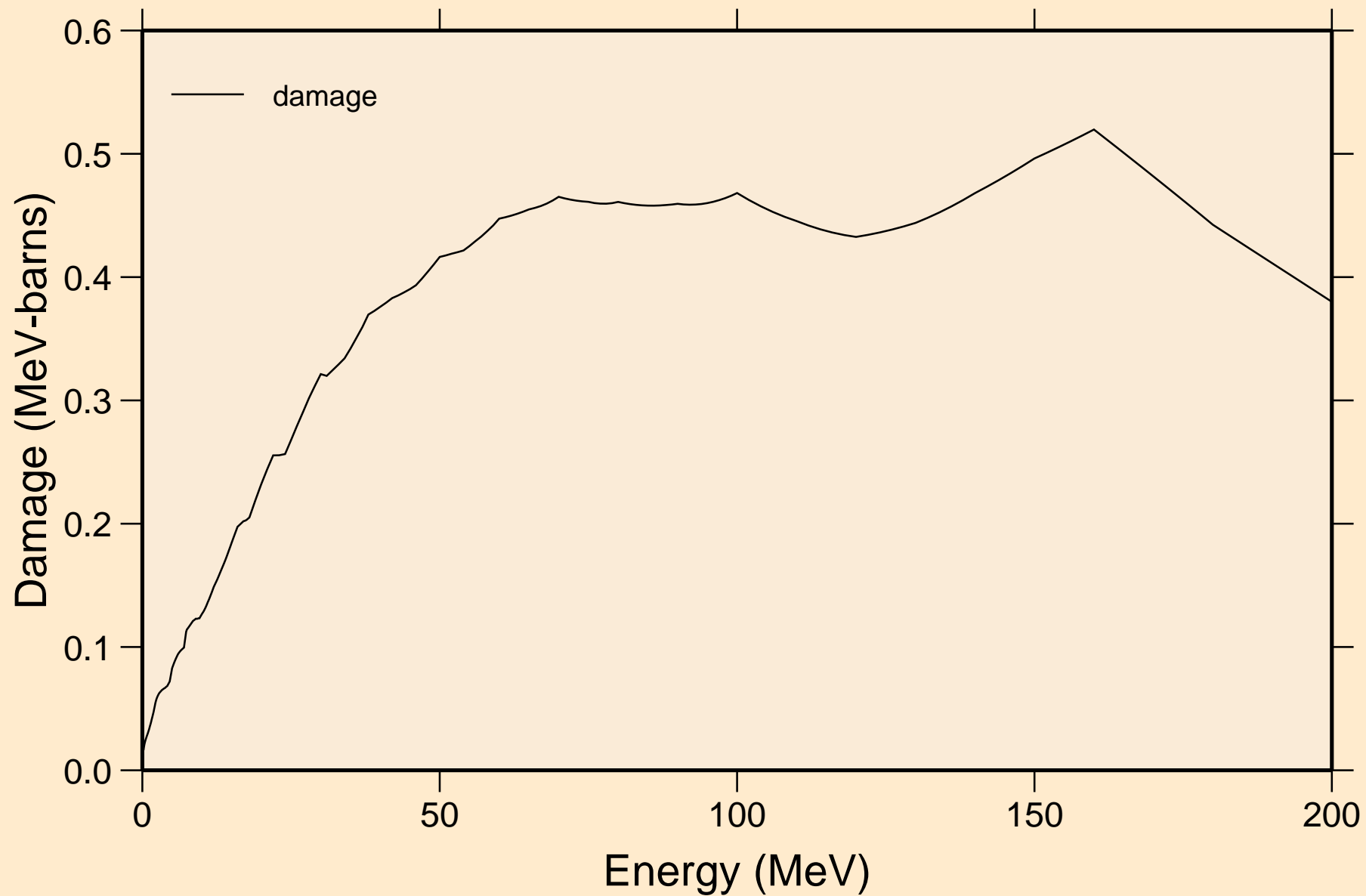
## Principal cross sections



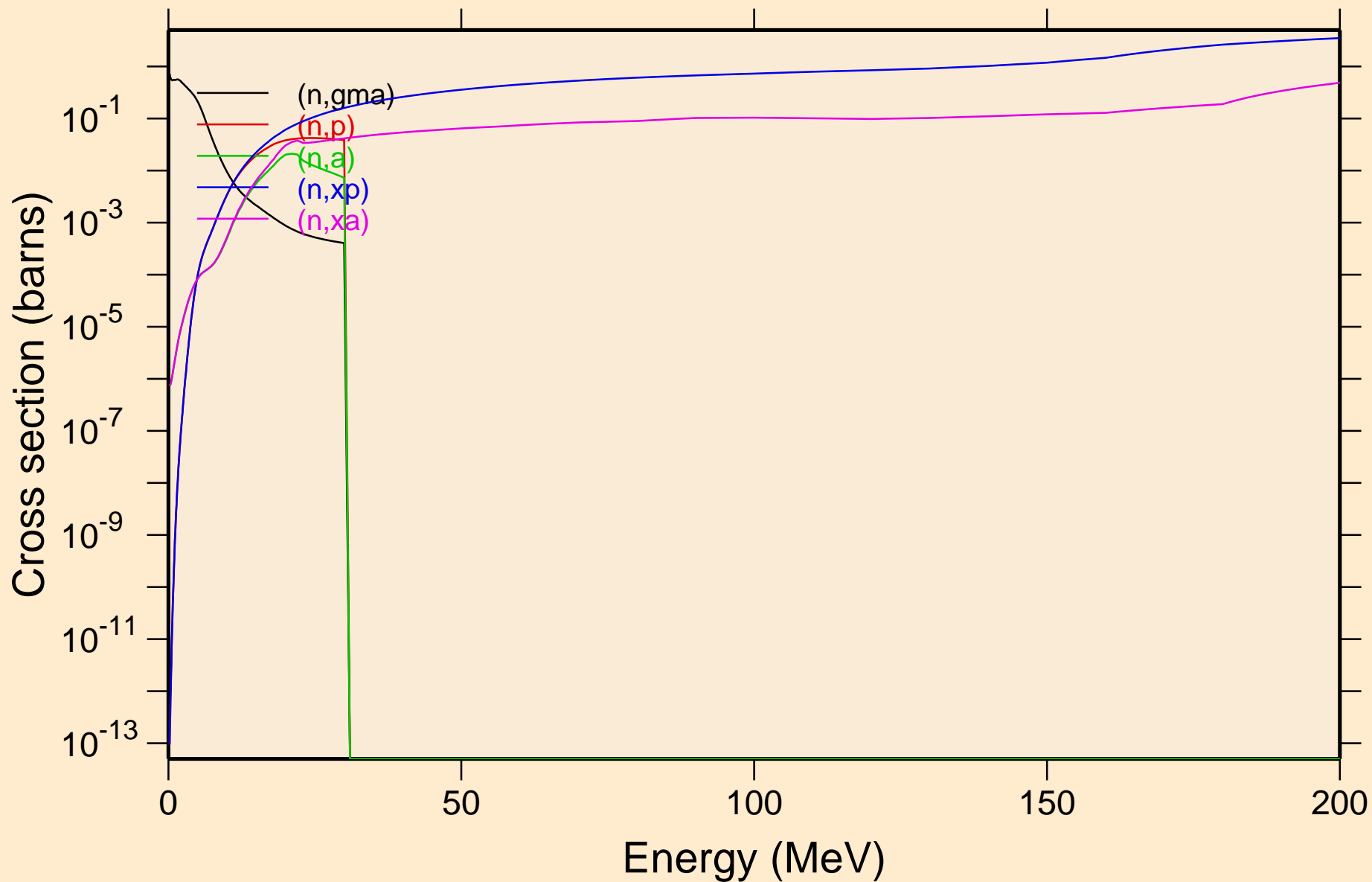
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

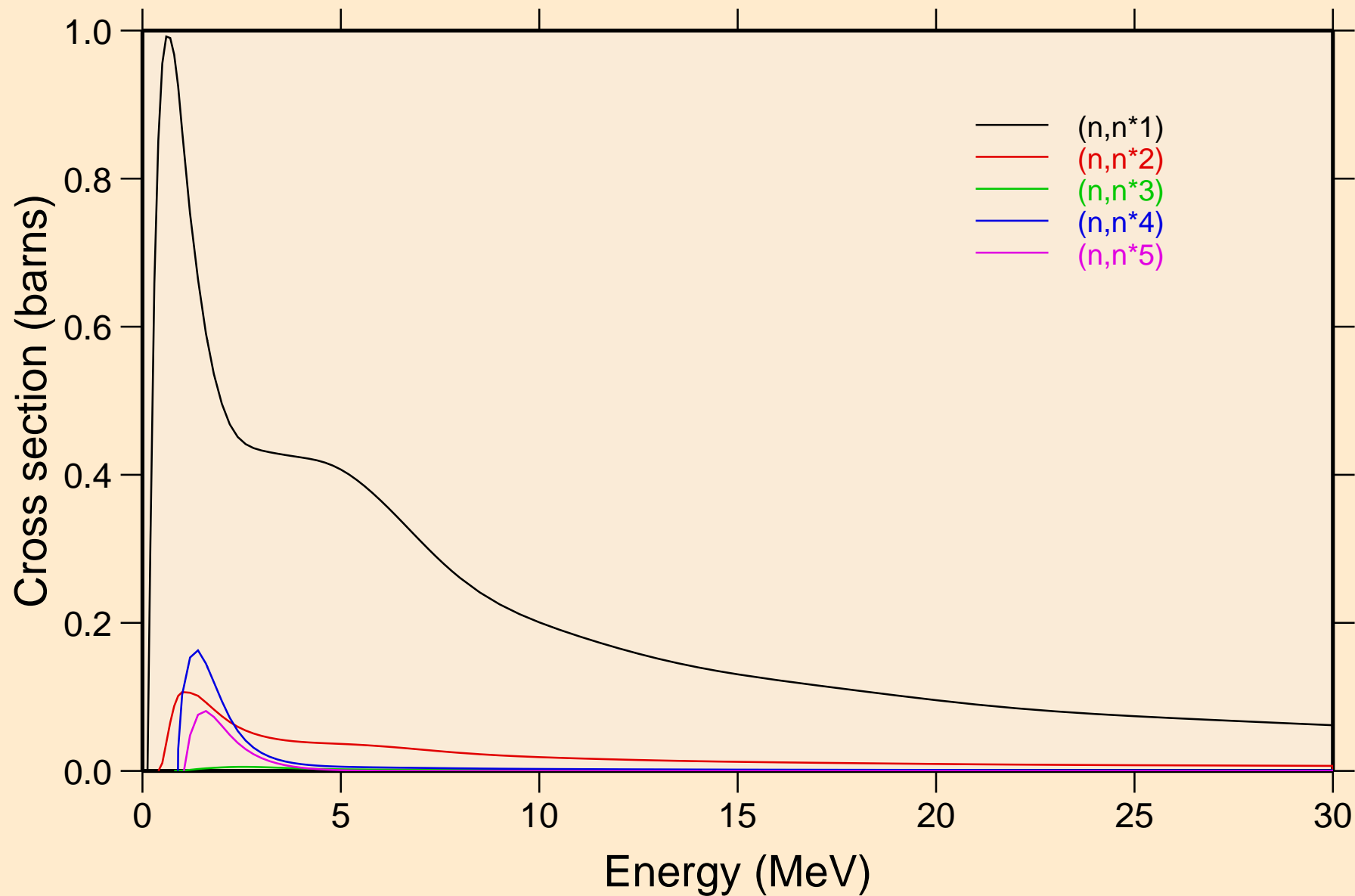


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

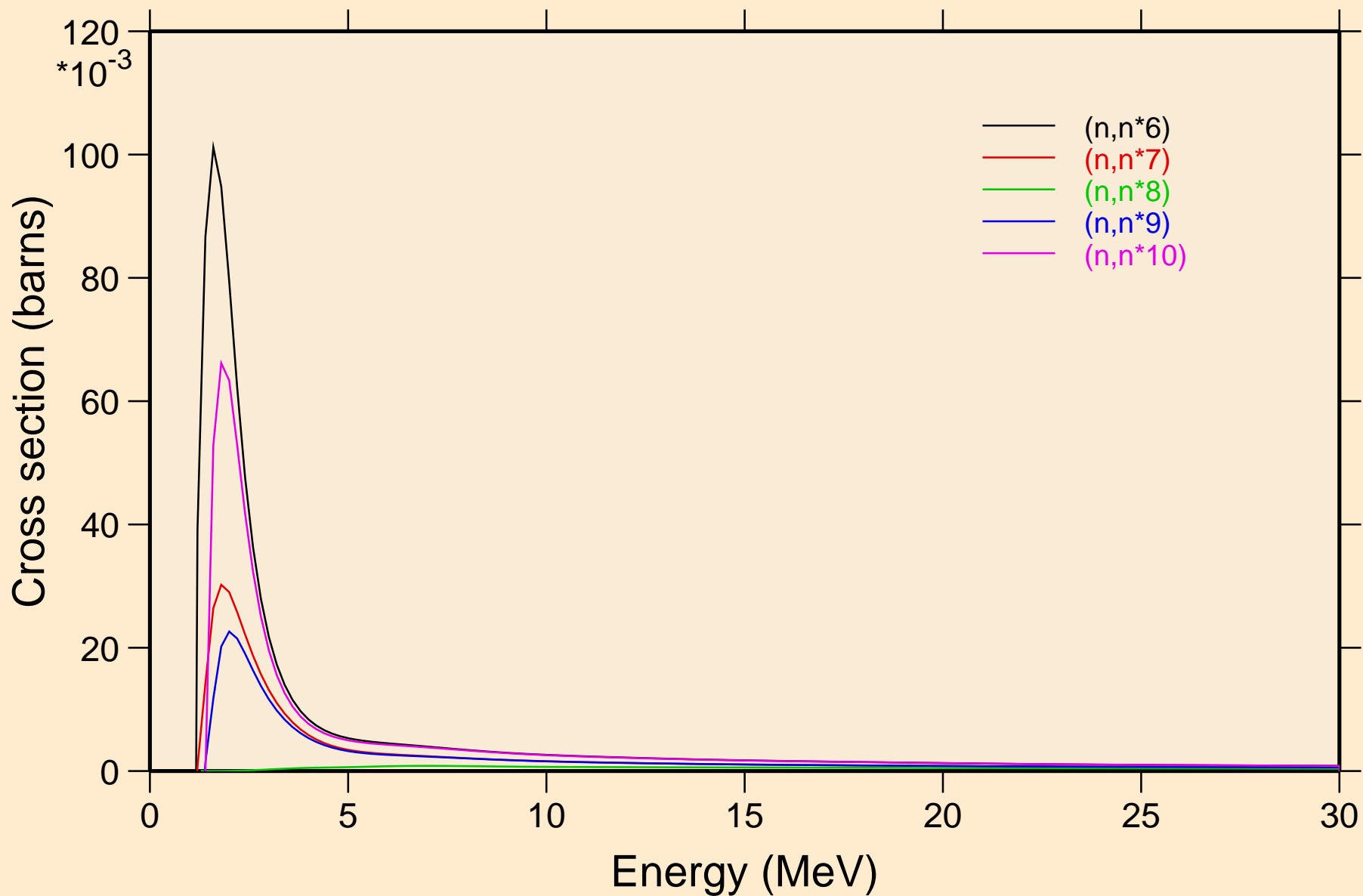




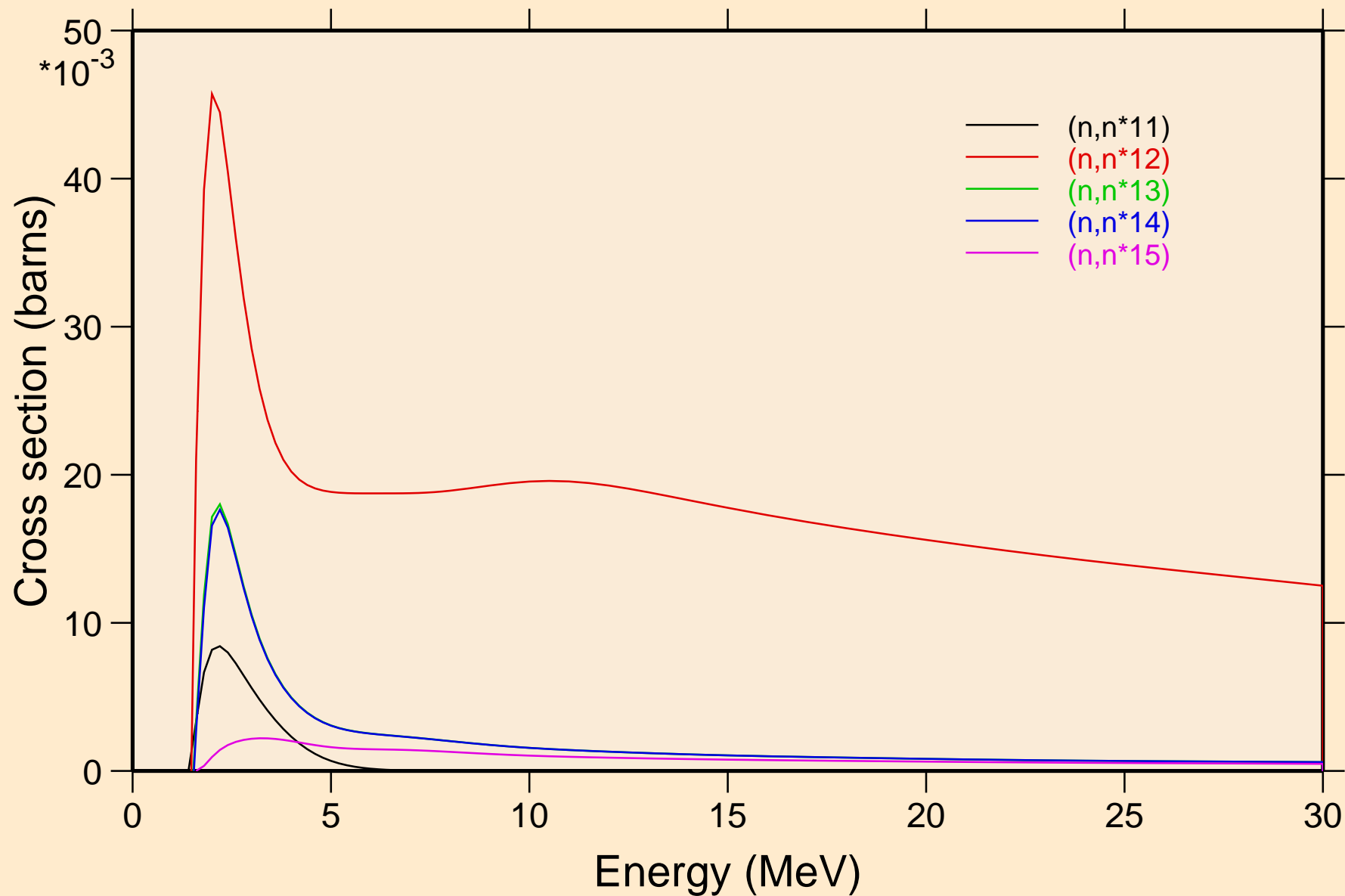
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



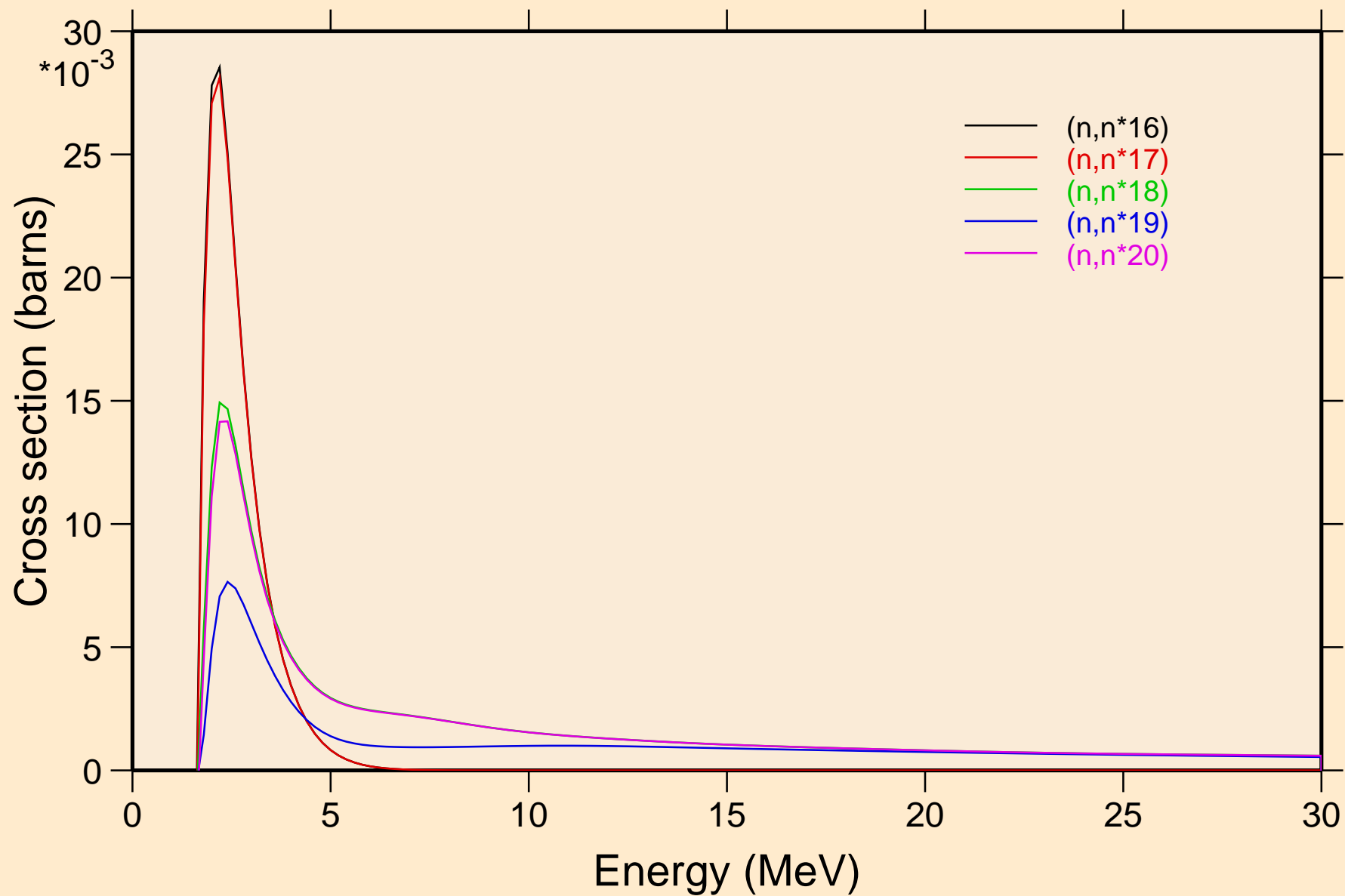
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



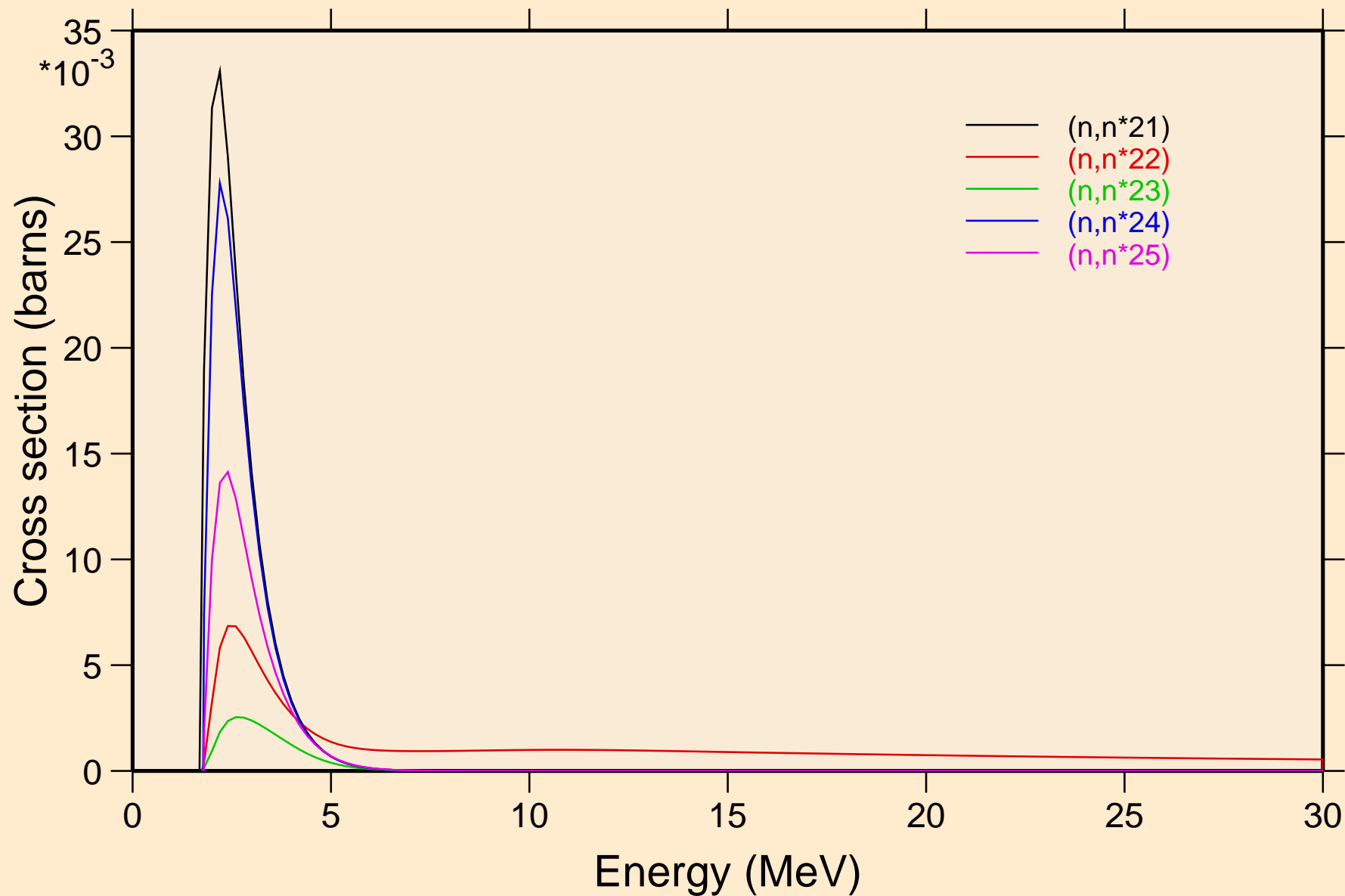
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



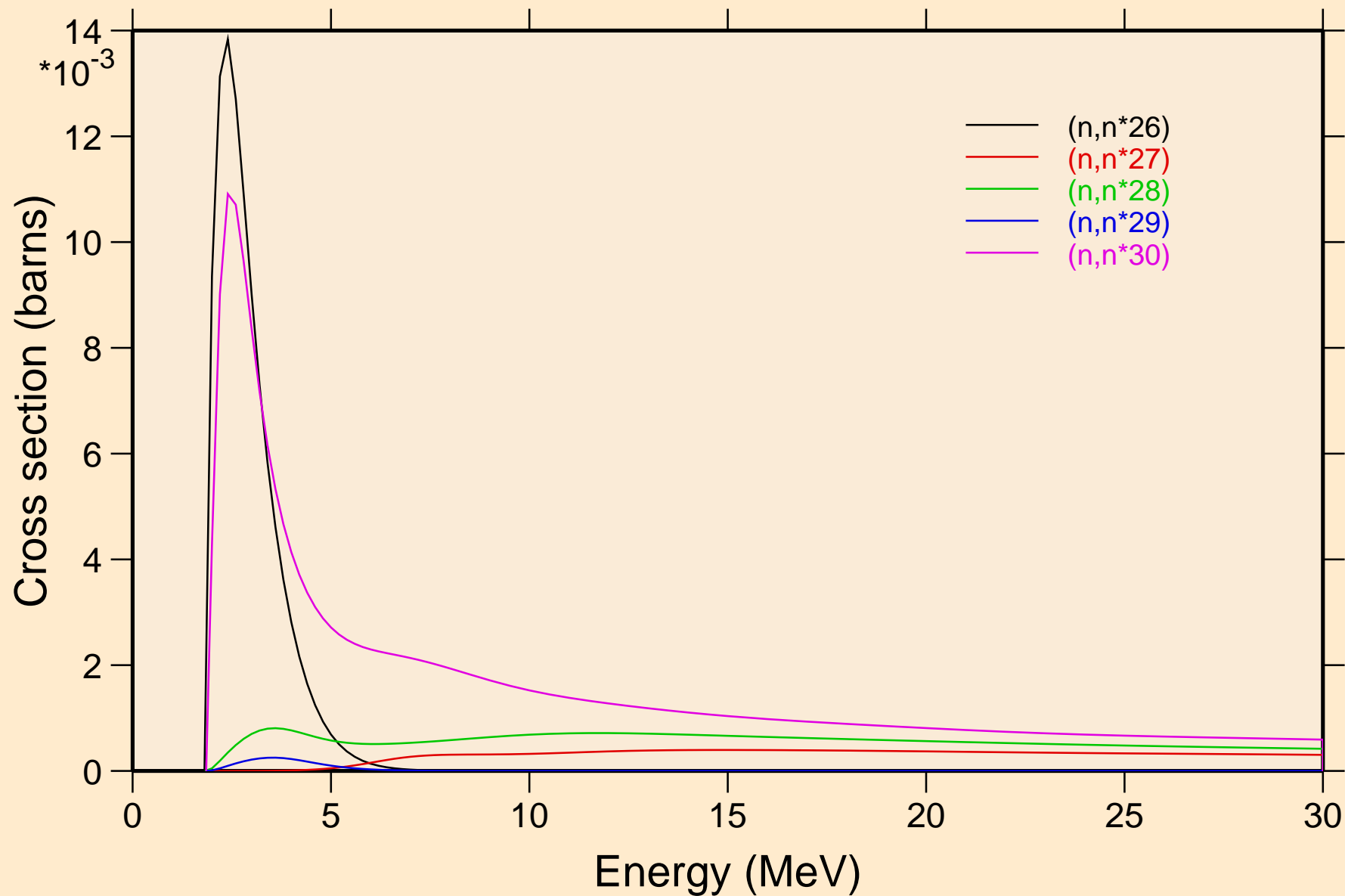
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



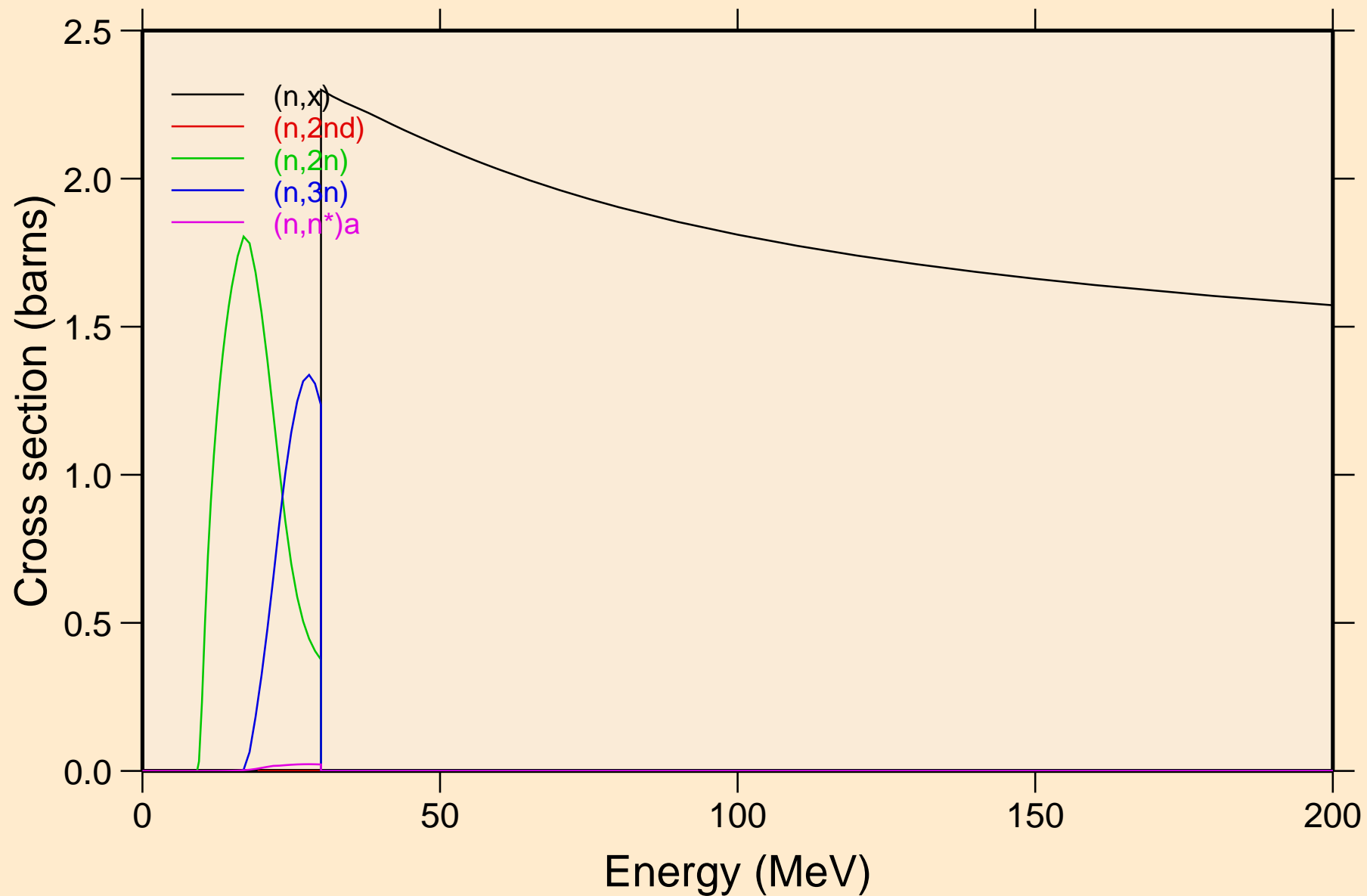
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



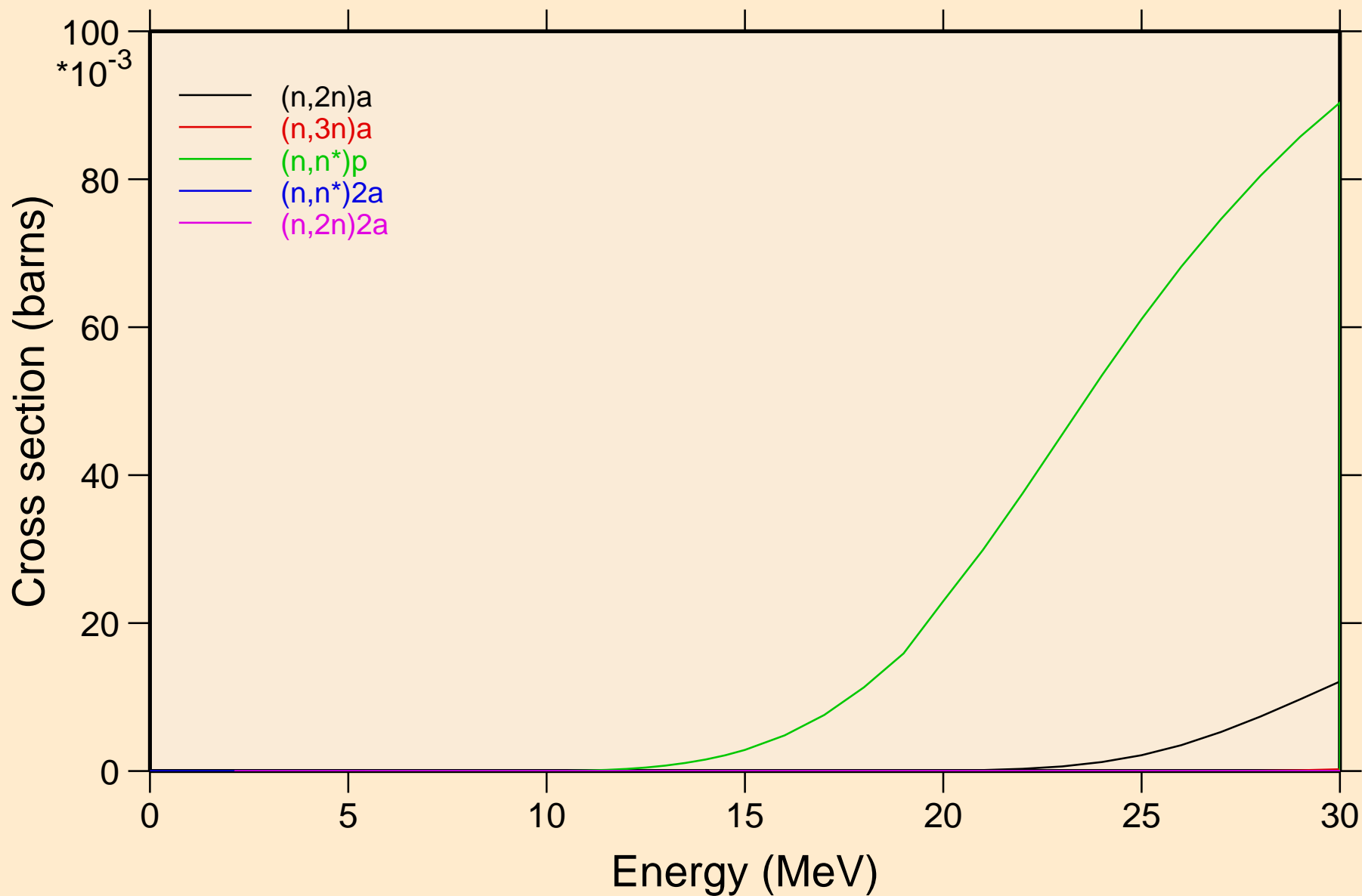
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

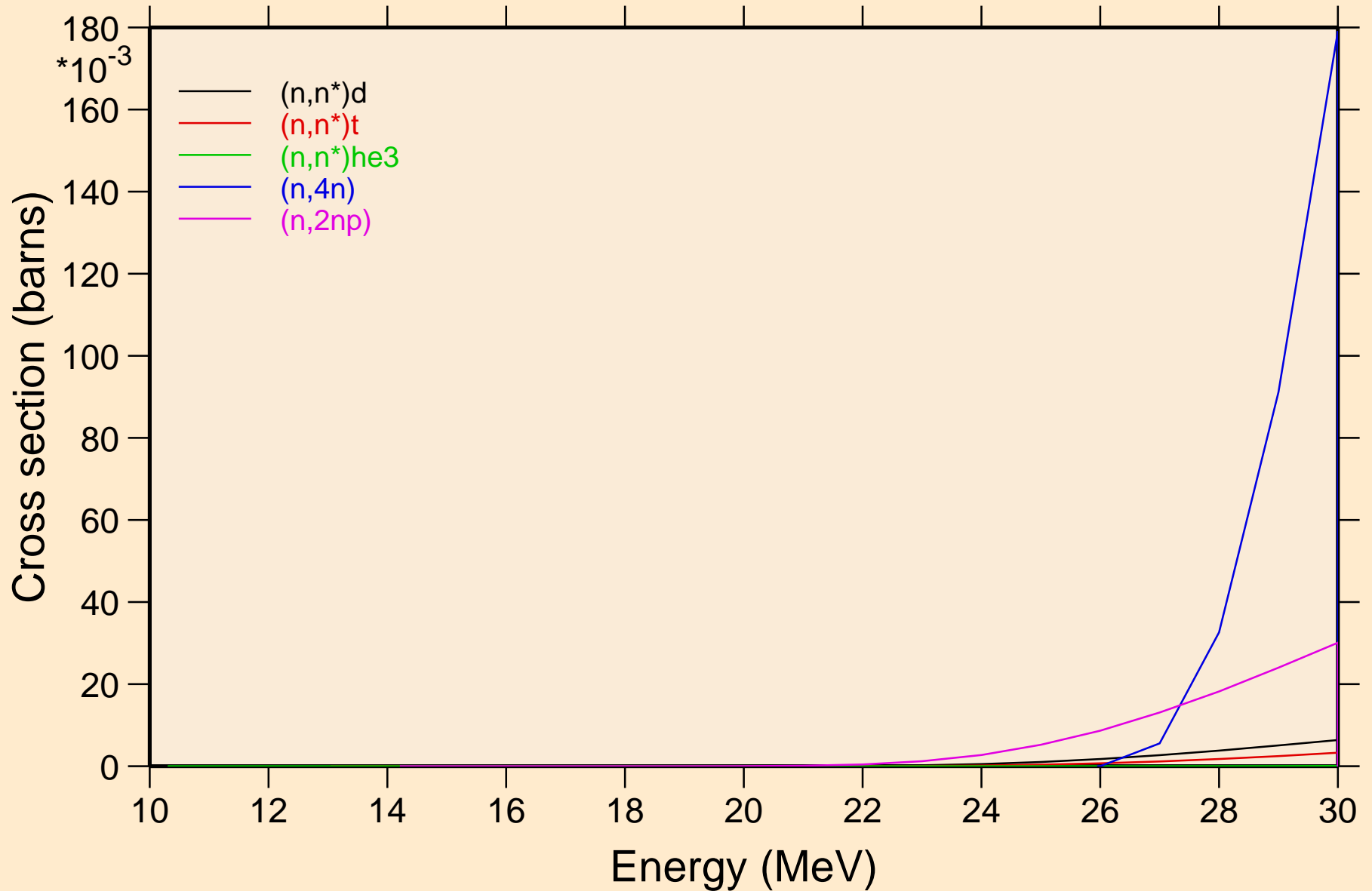


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

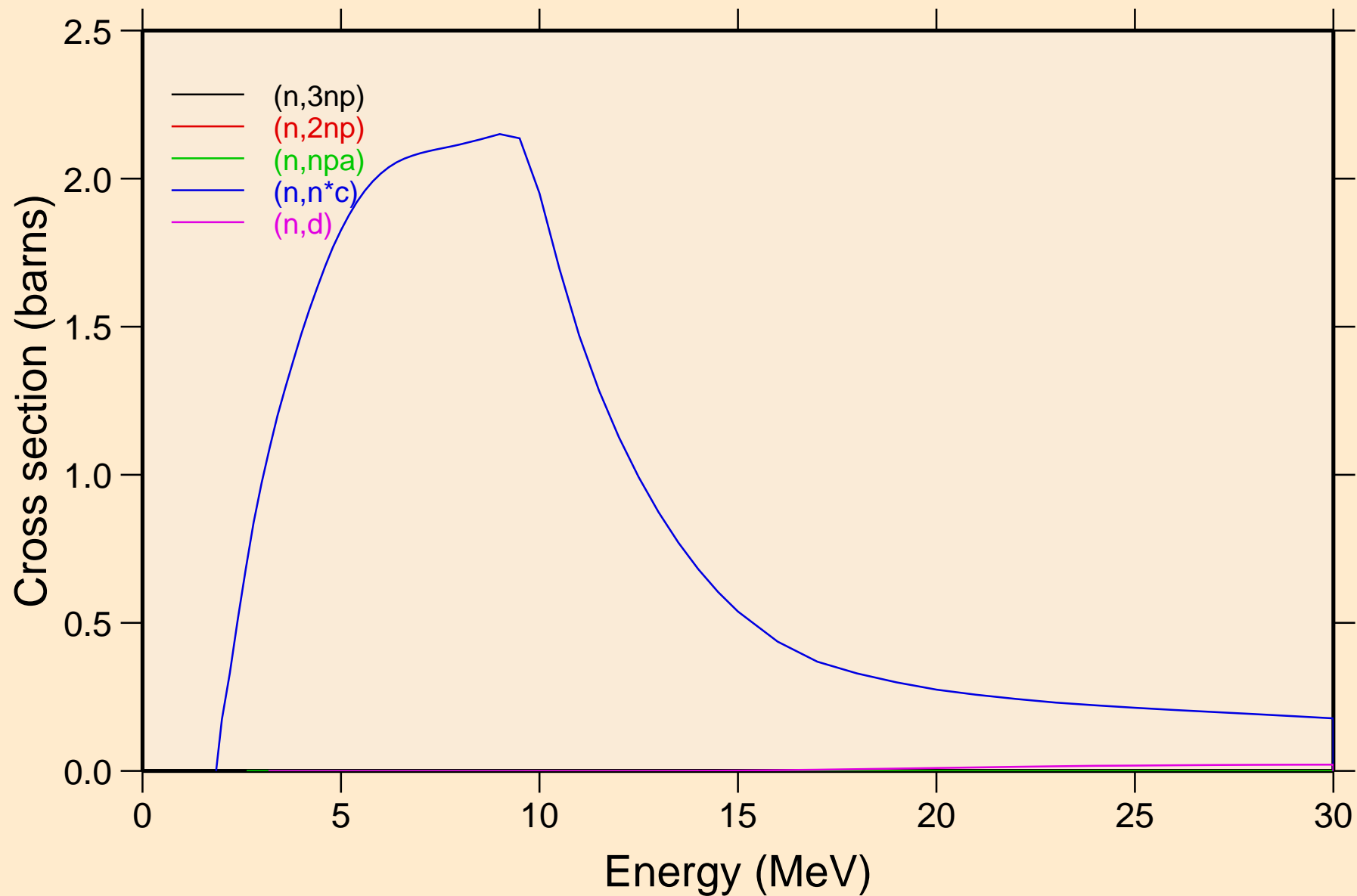




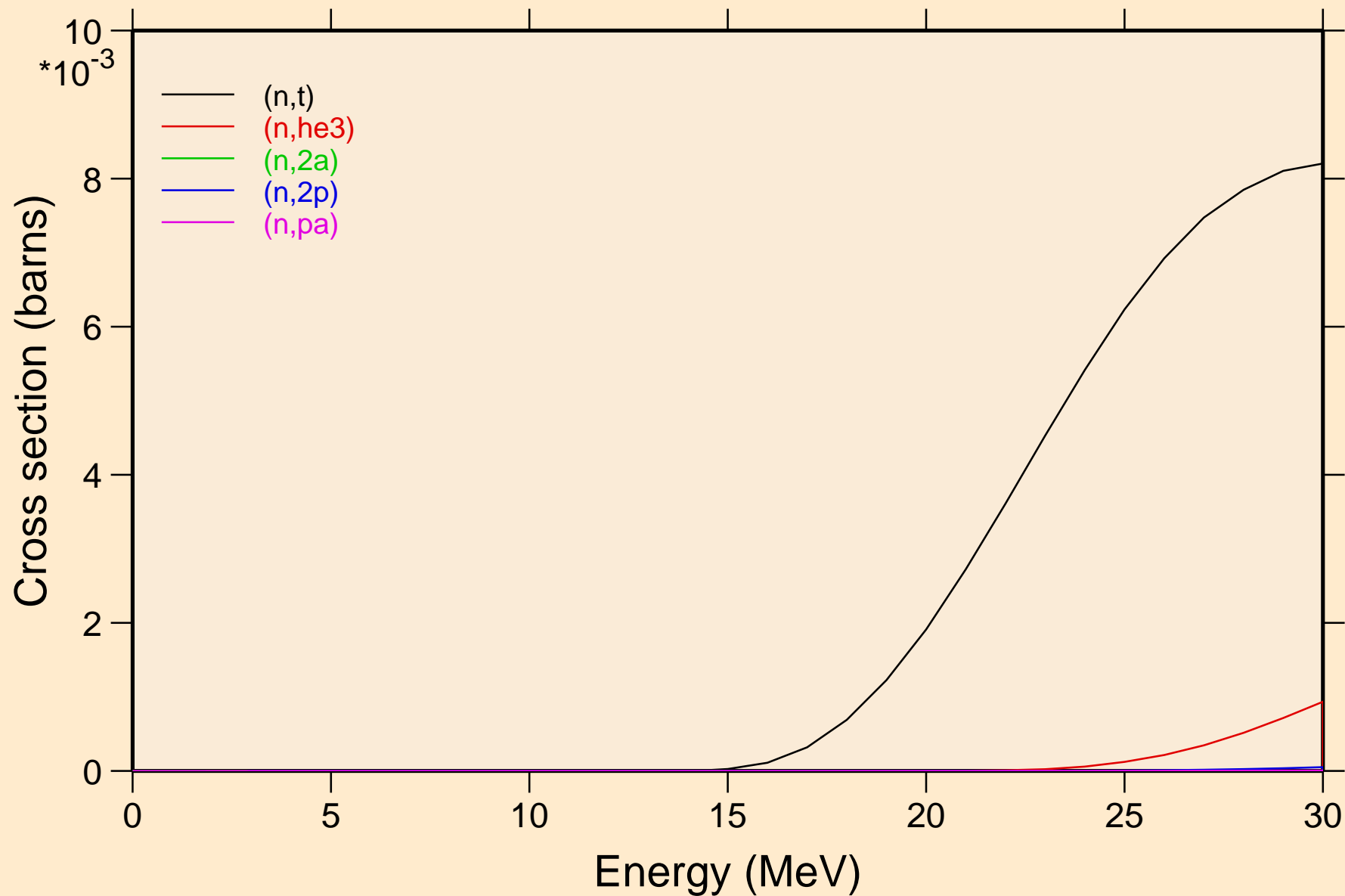
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



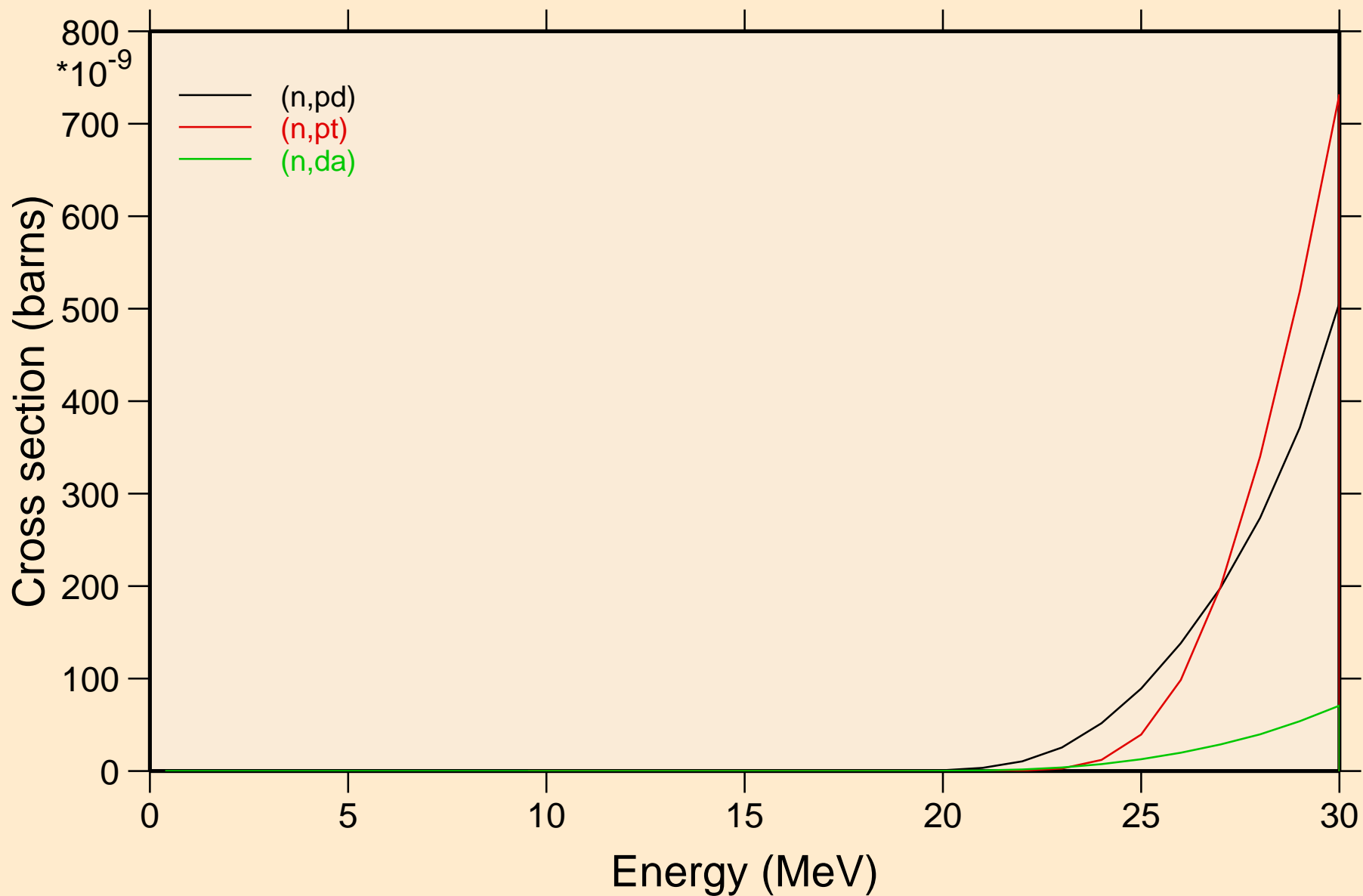
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



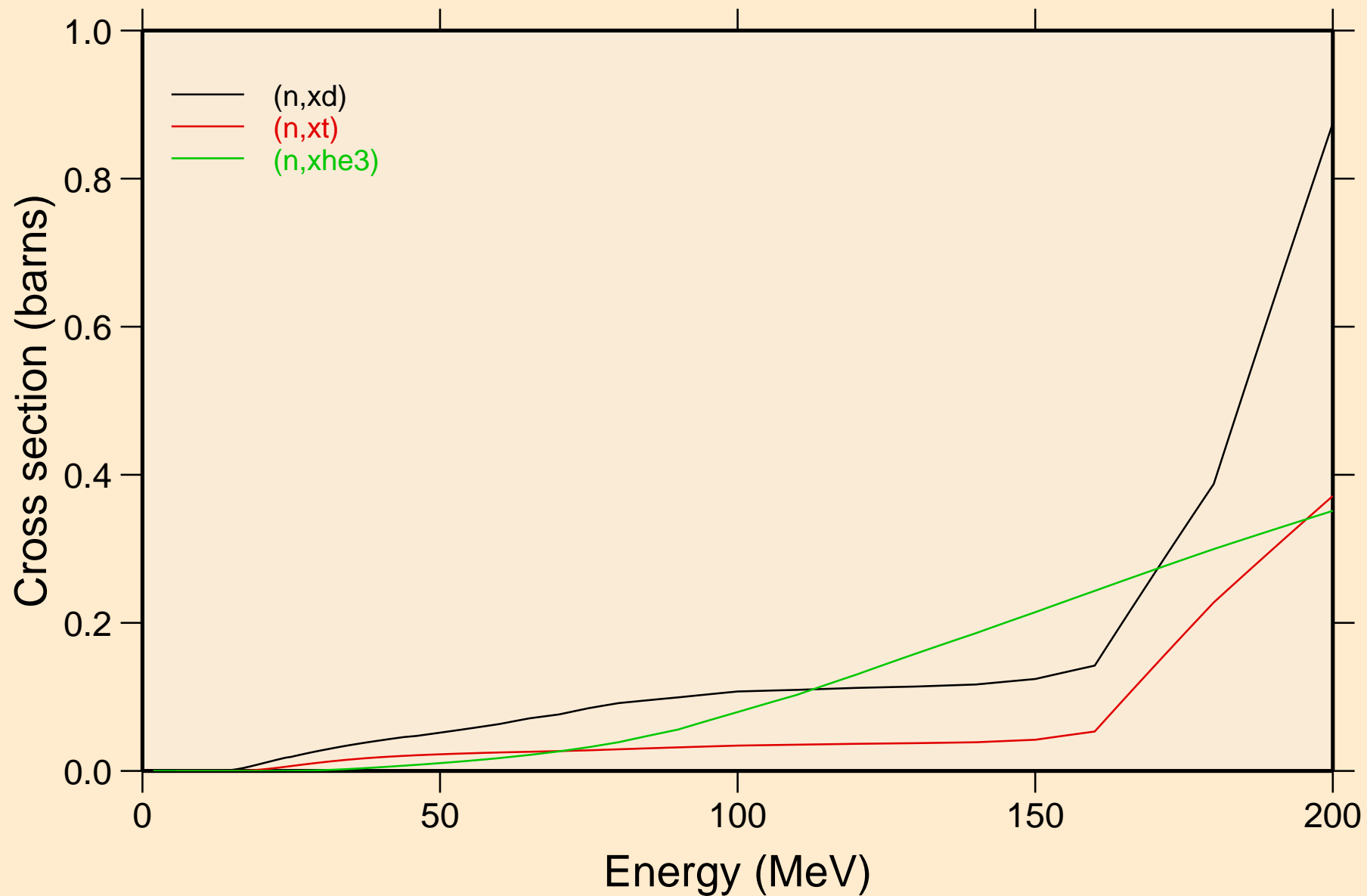
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



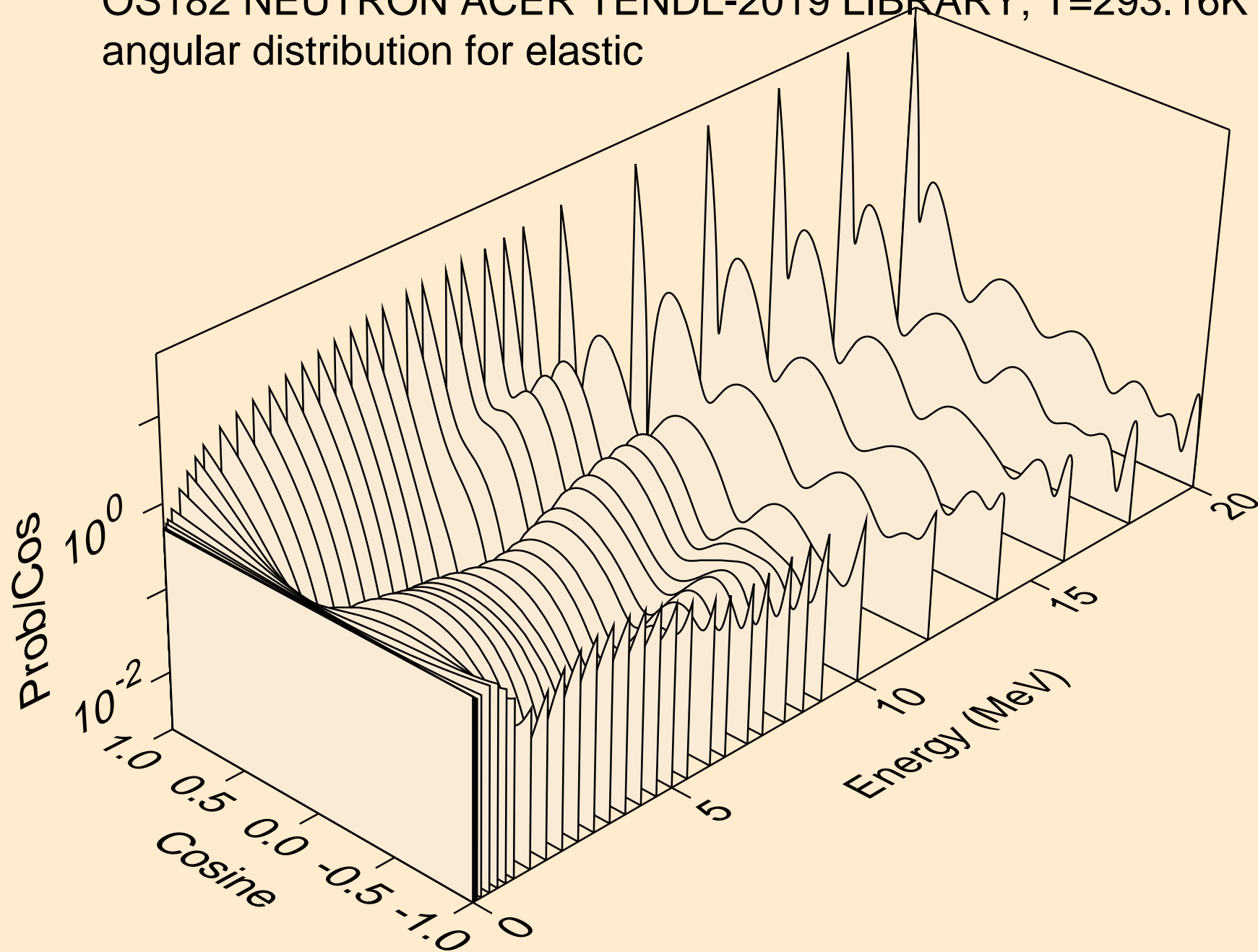
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



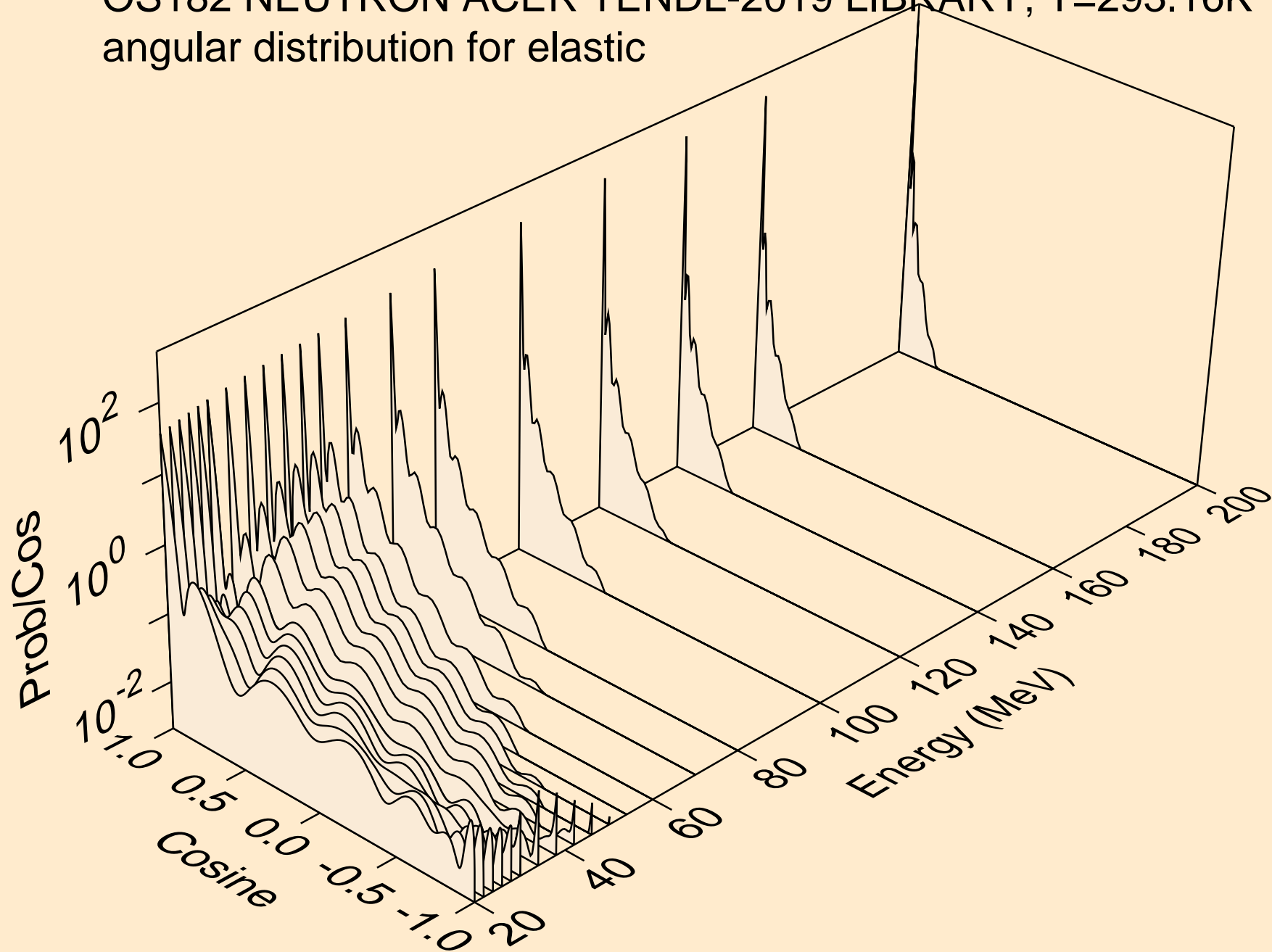
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



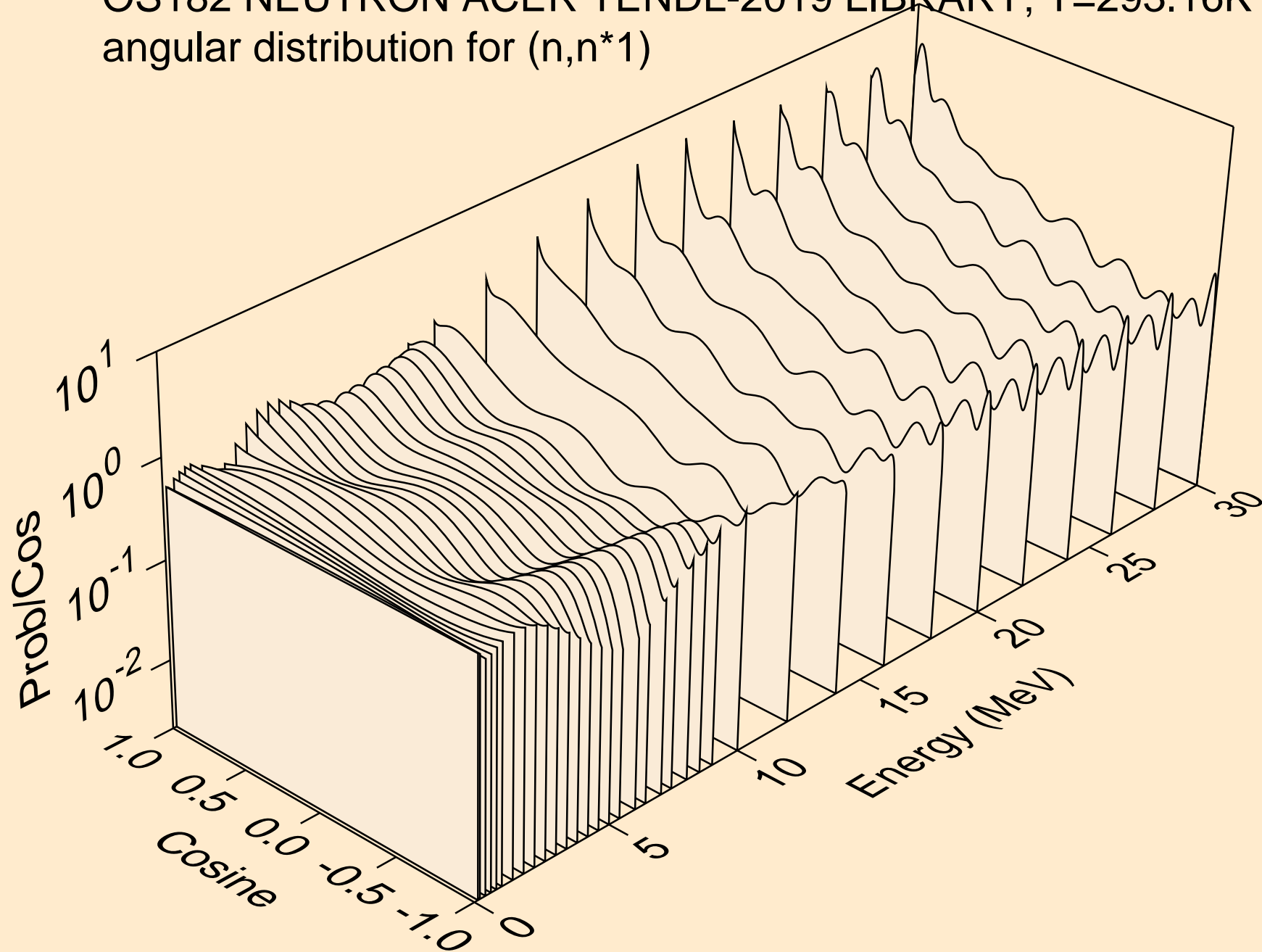
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

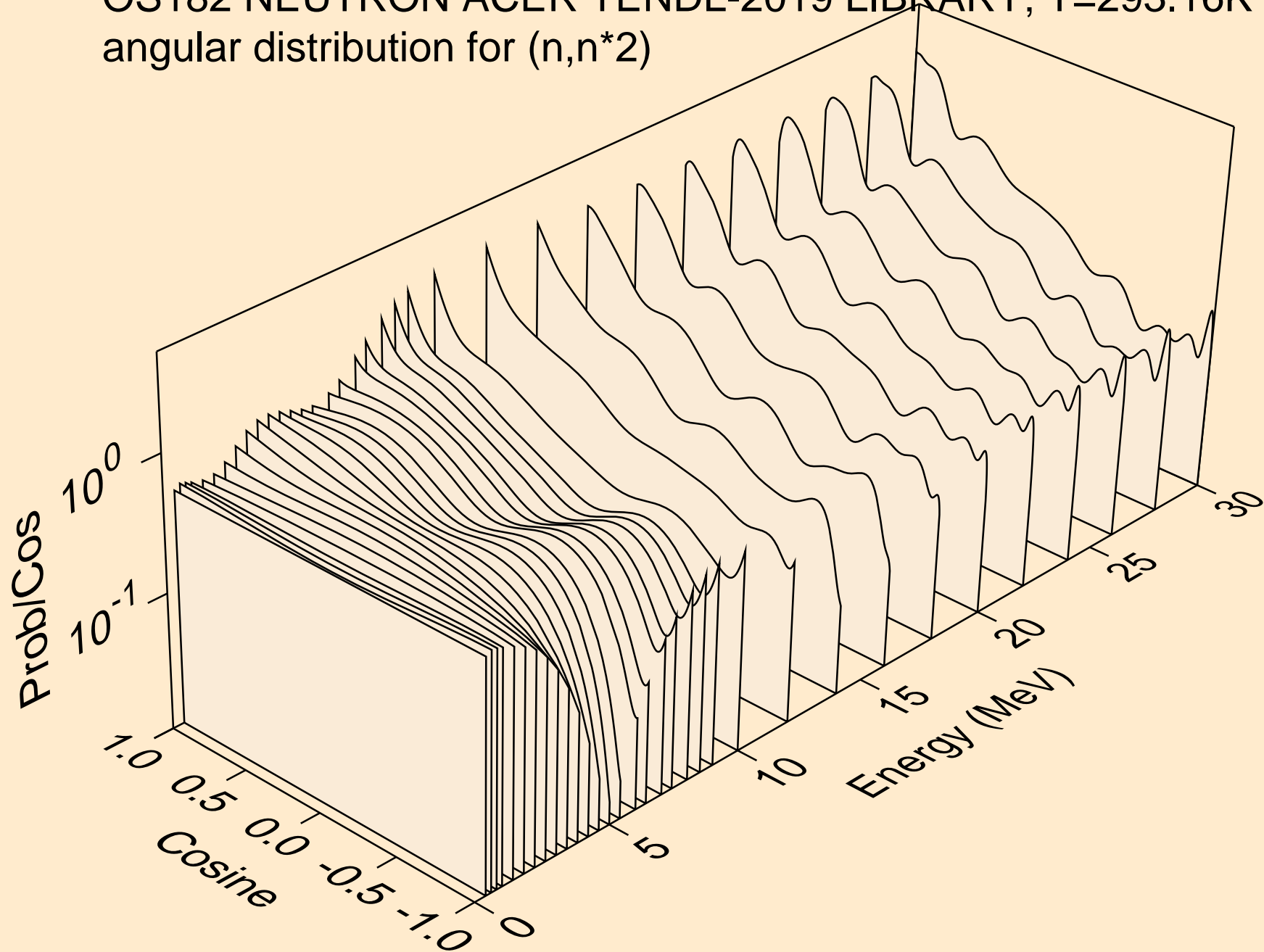


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

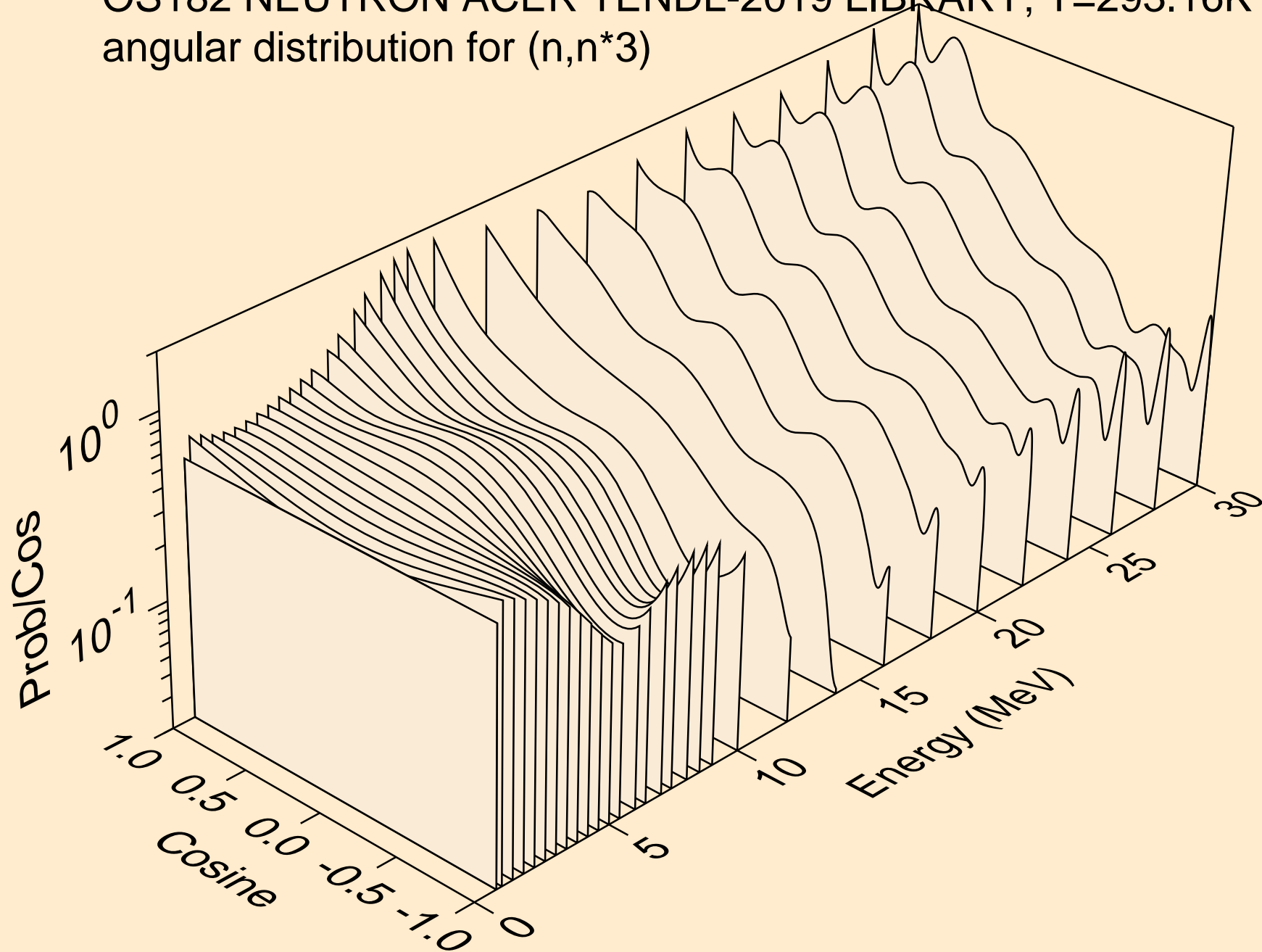




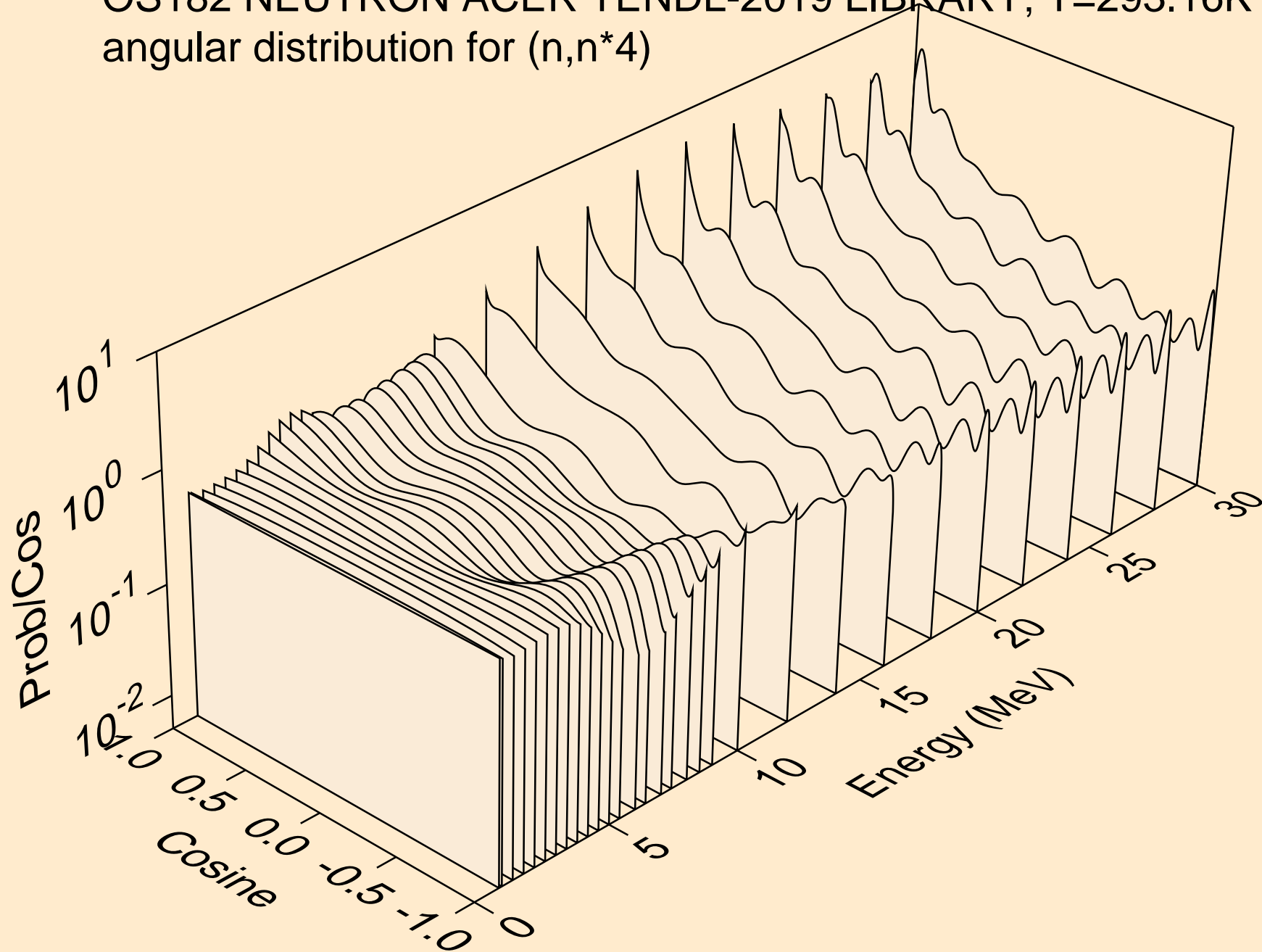
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



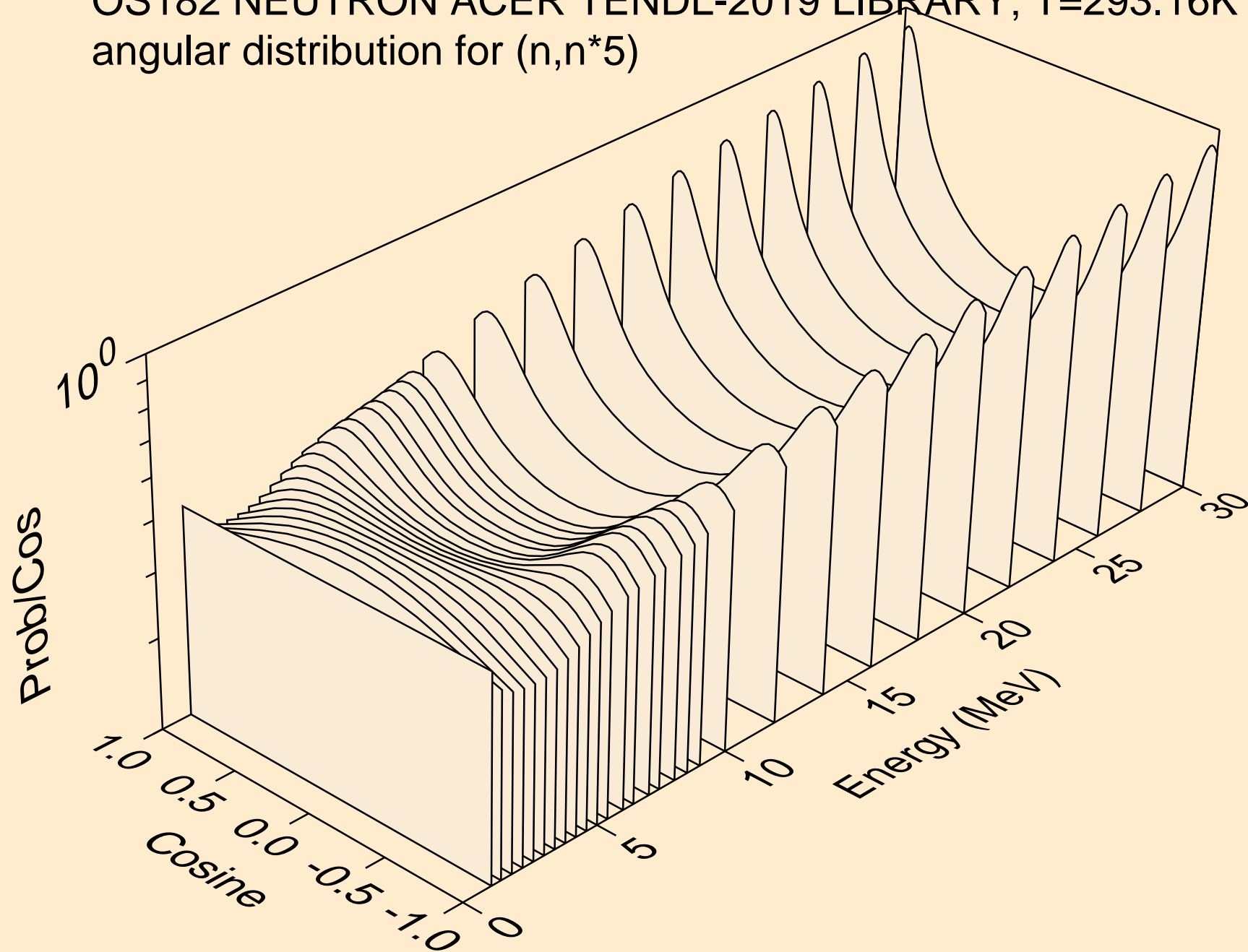
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



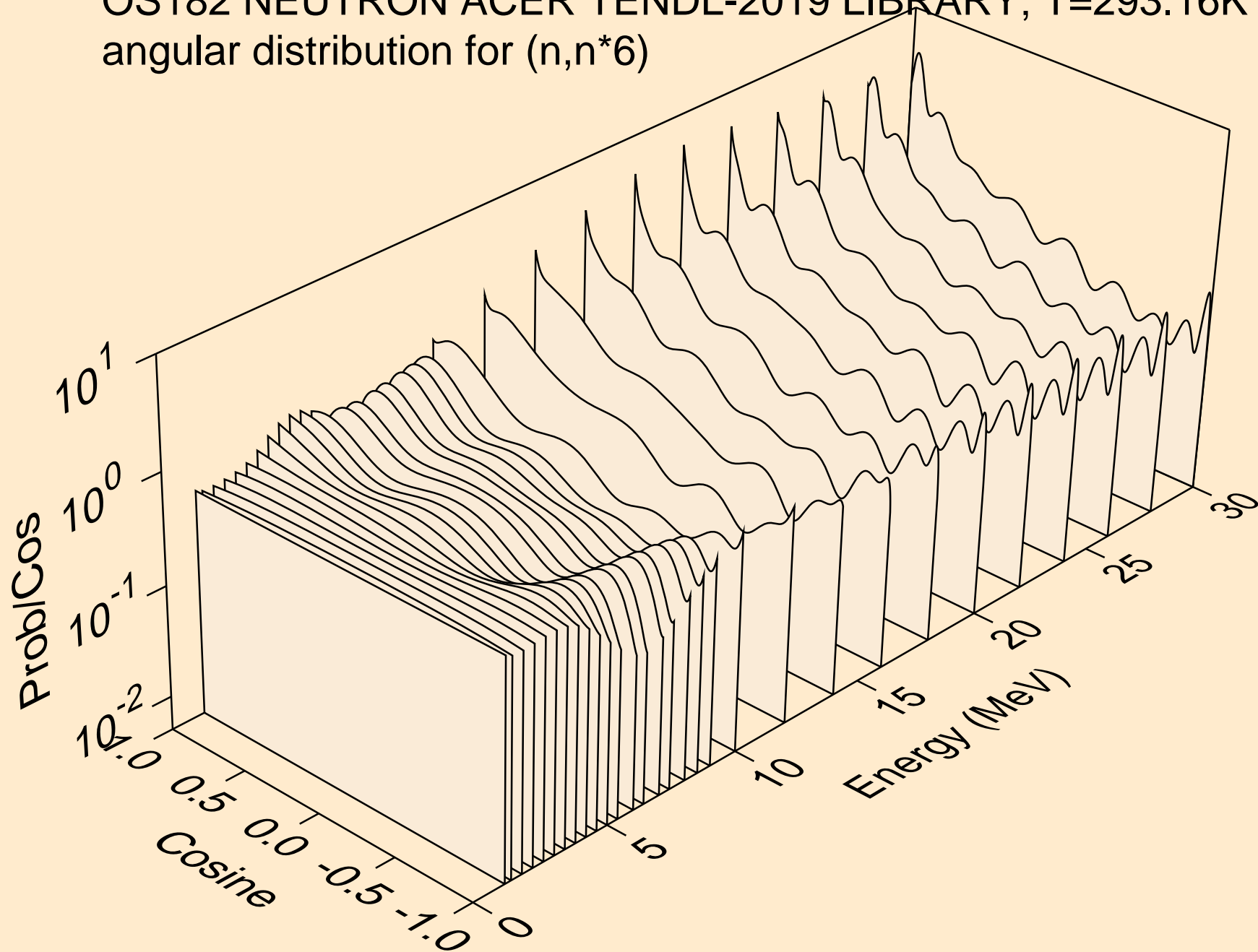
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



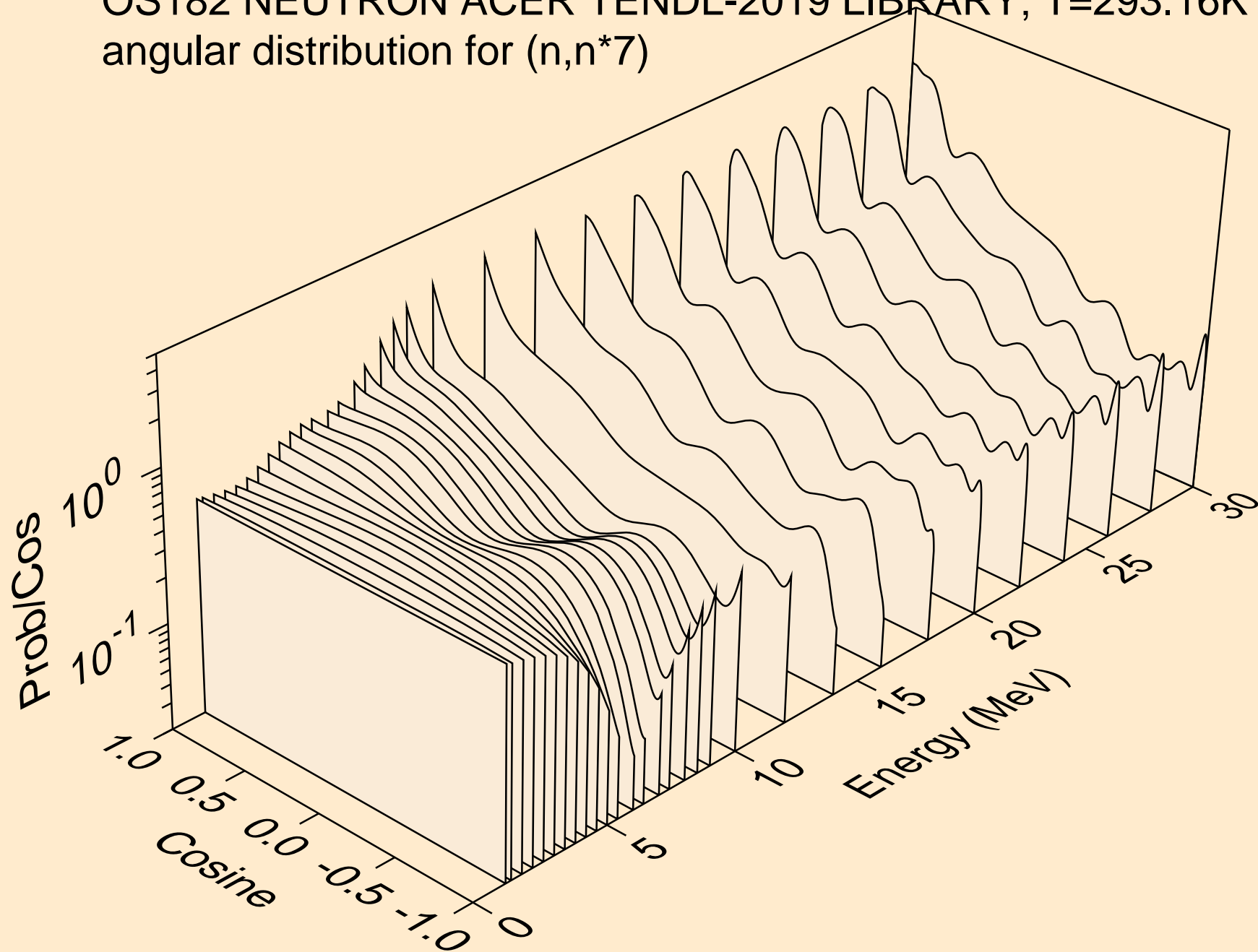
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



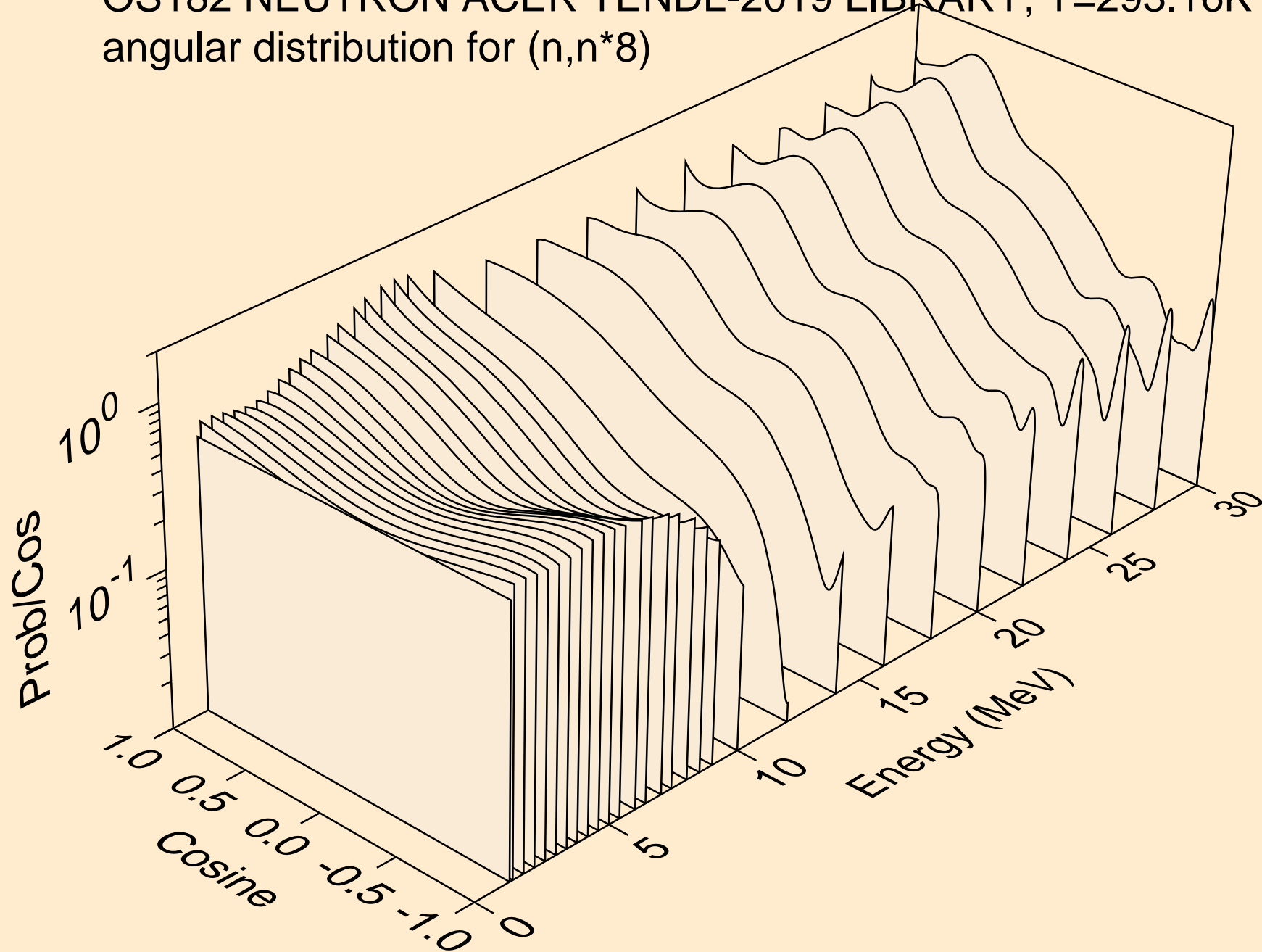
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



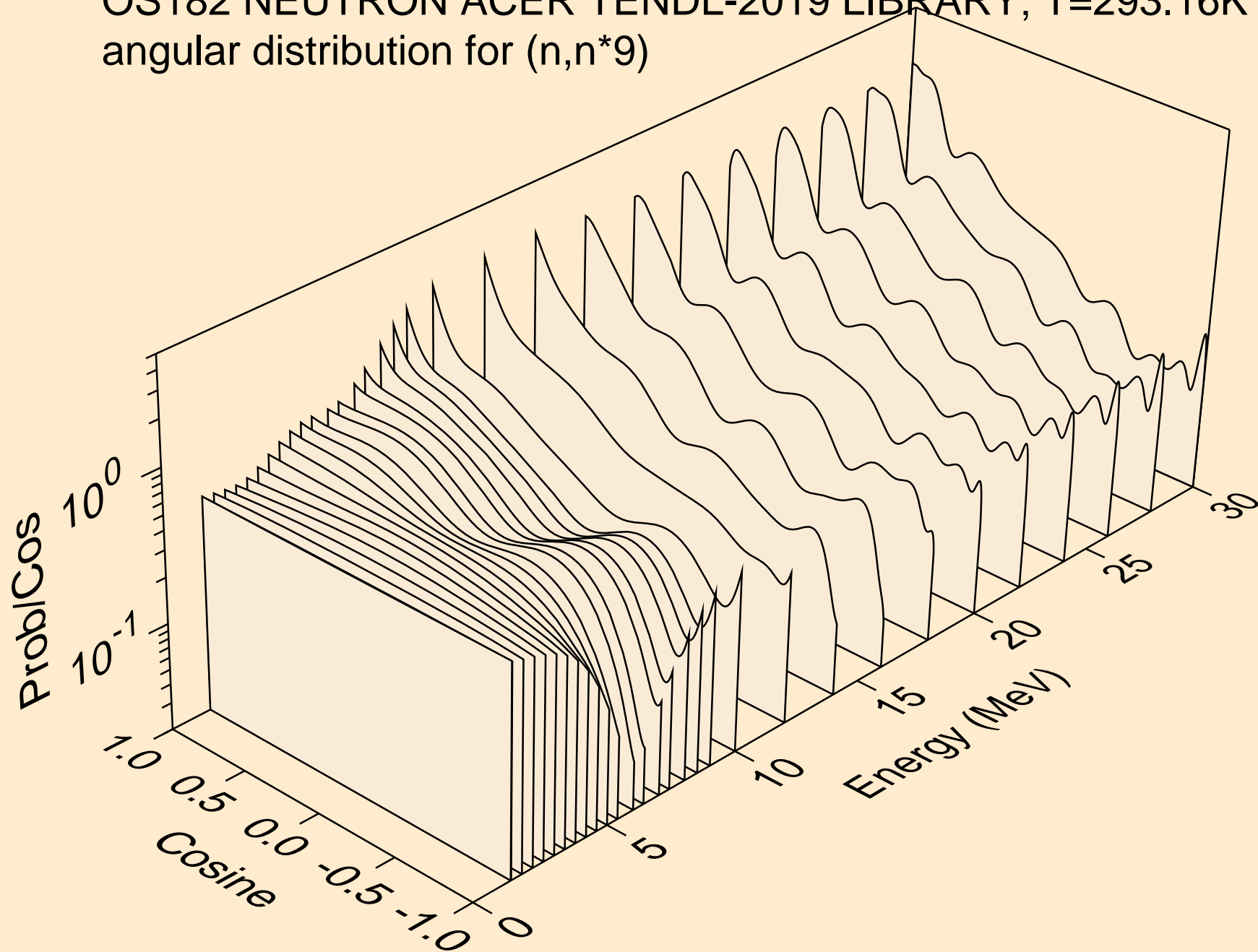
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

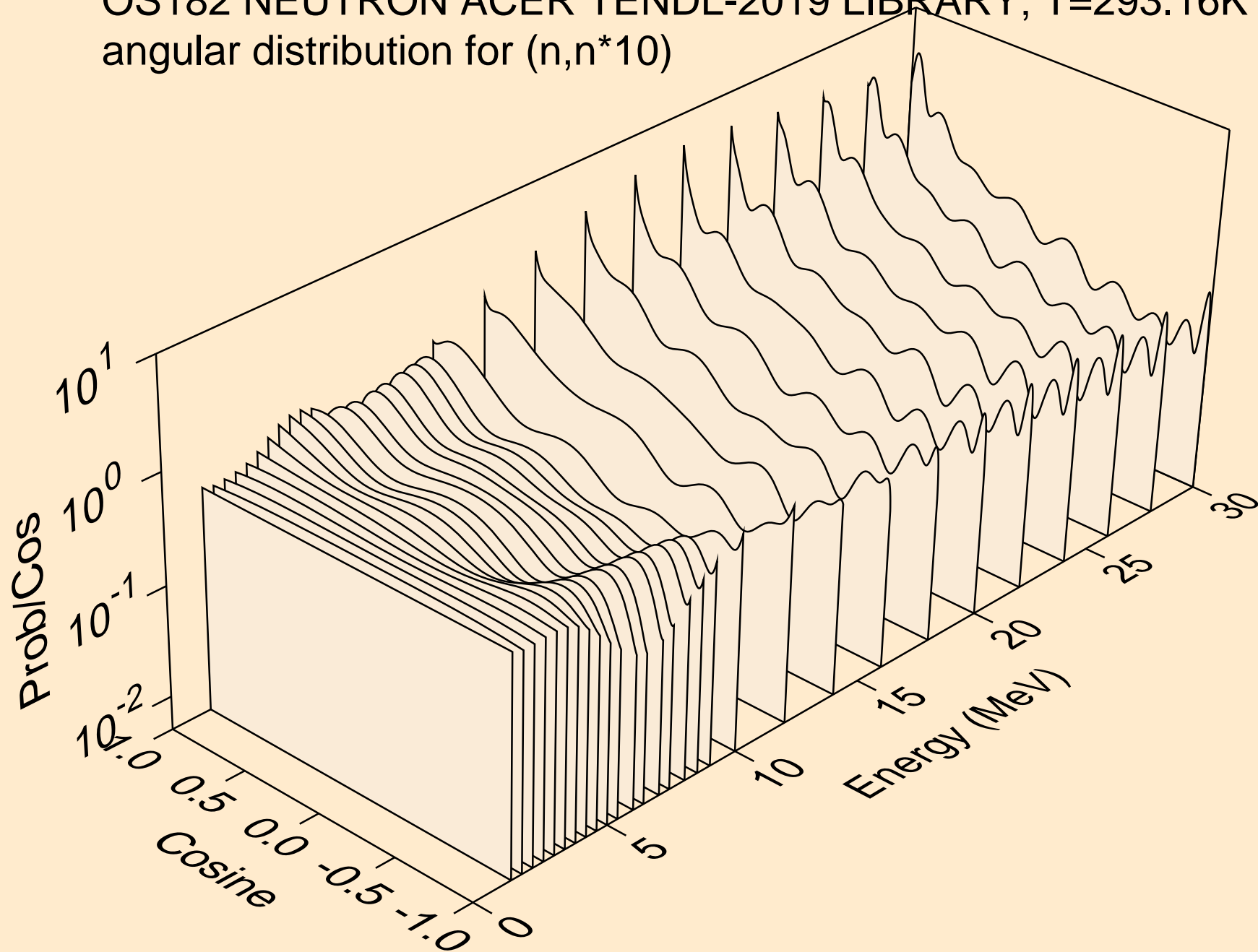


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

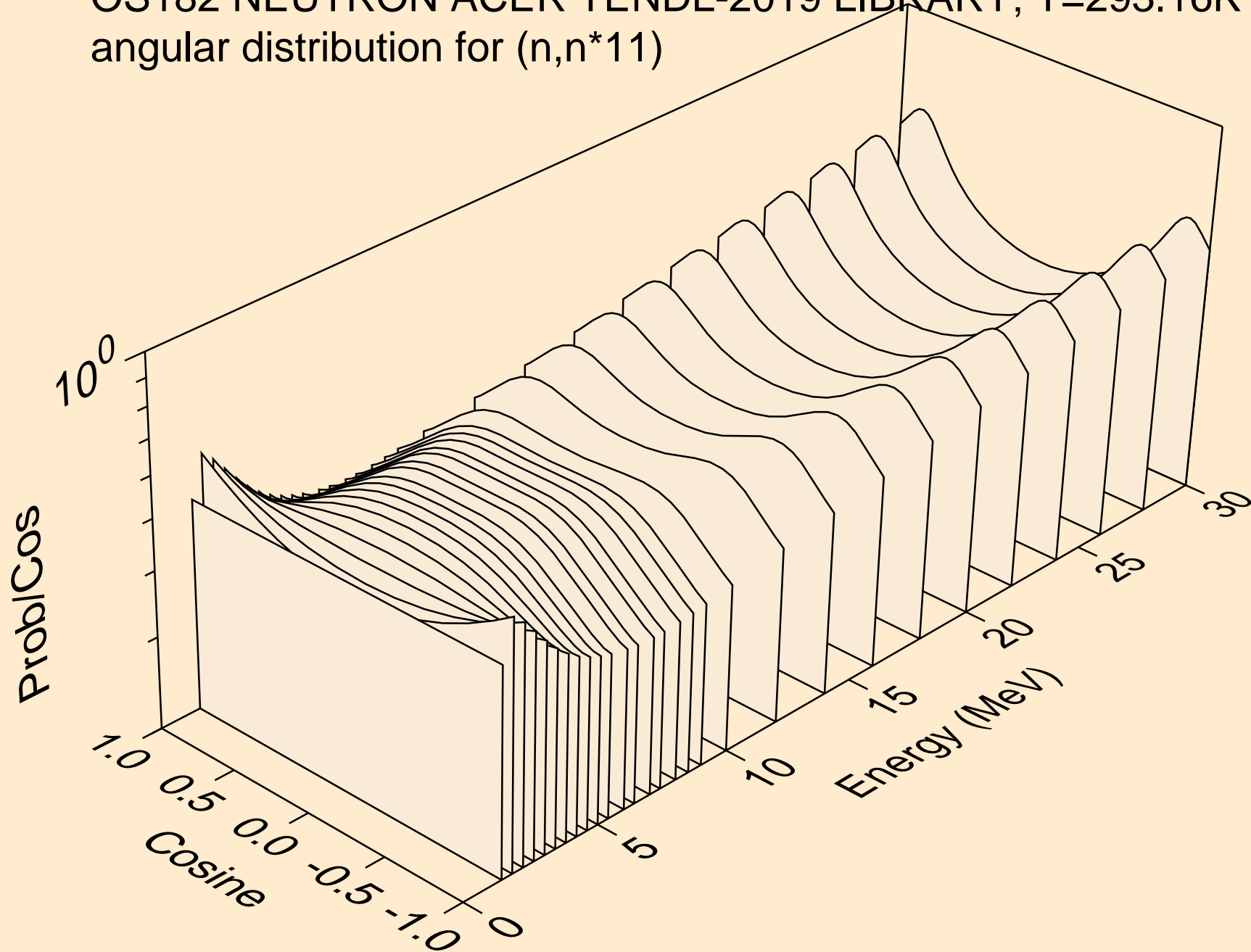




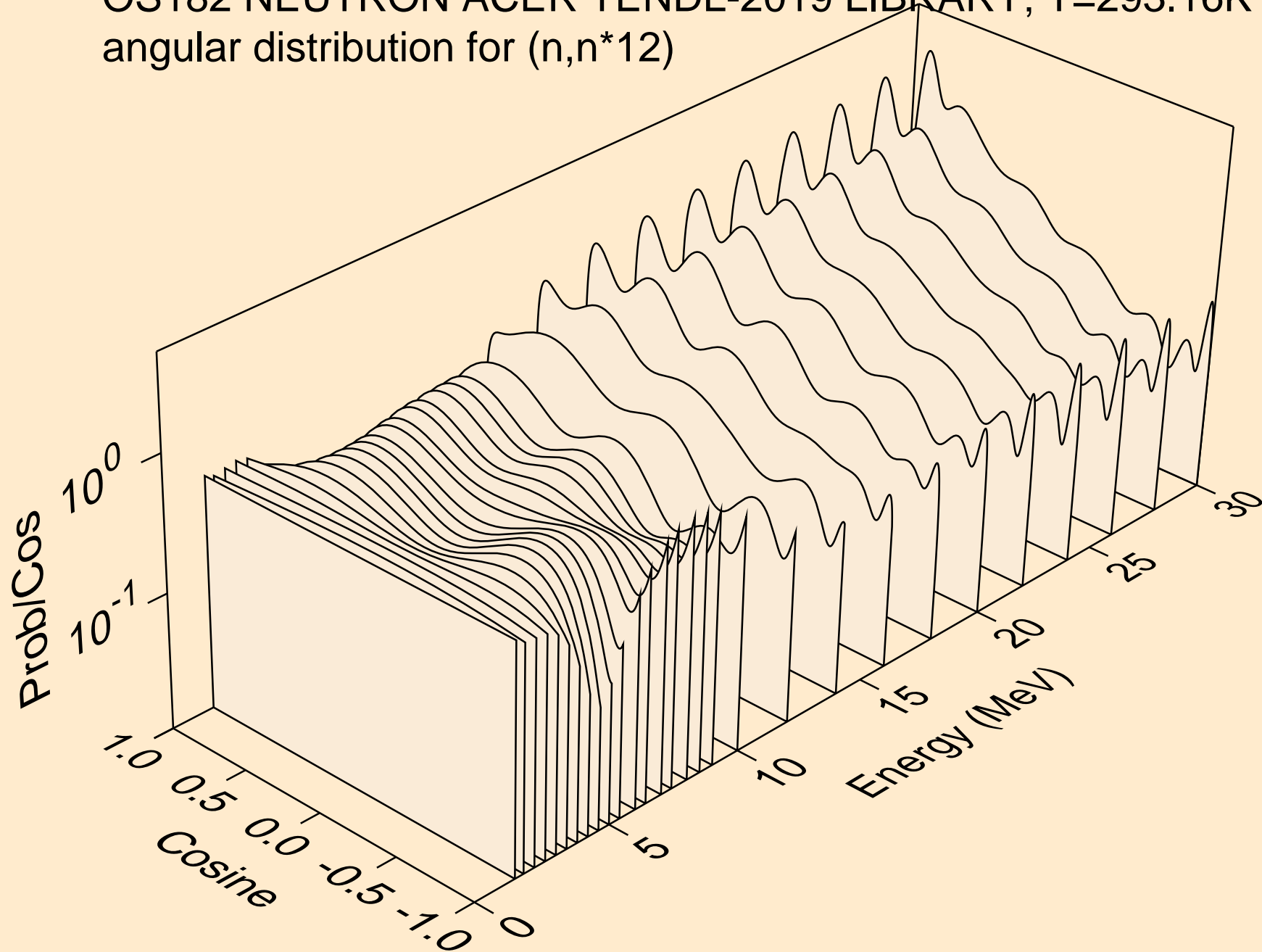
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



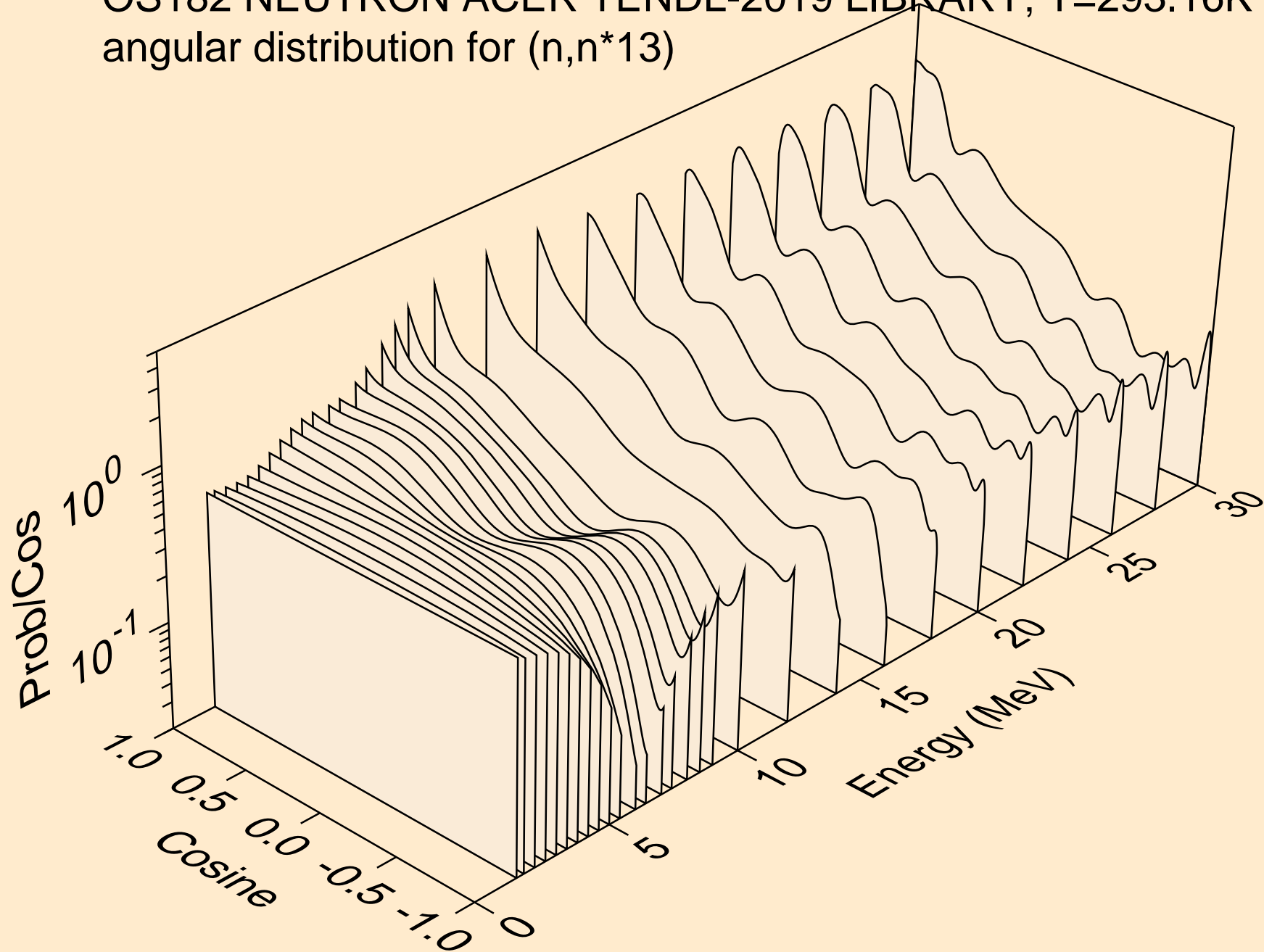
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



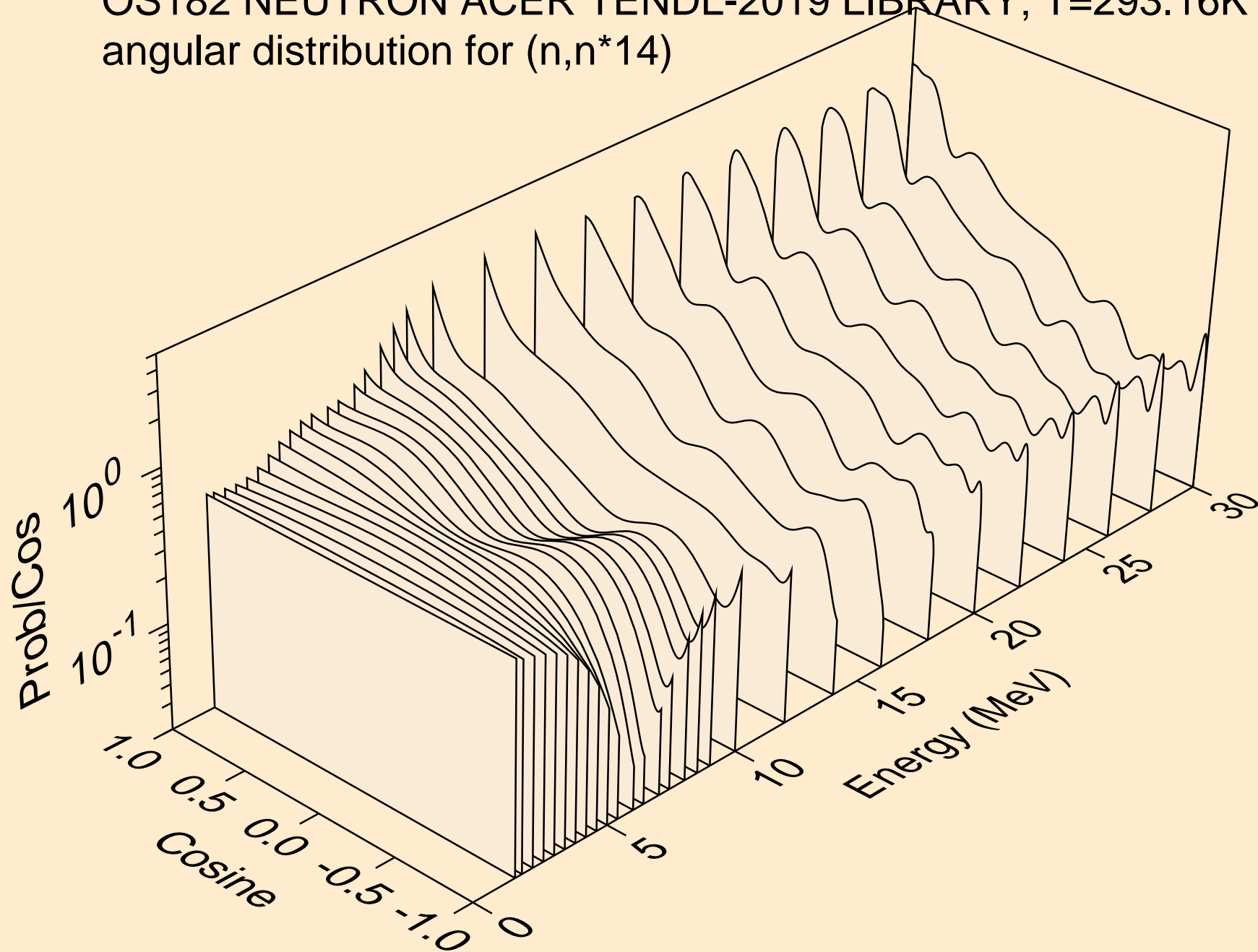
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



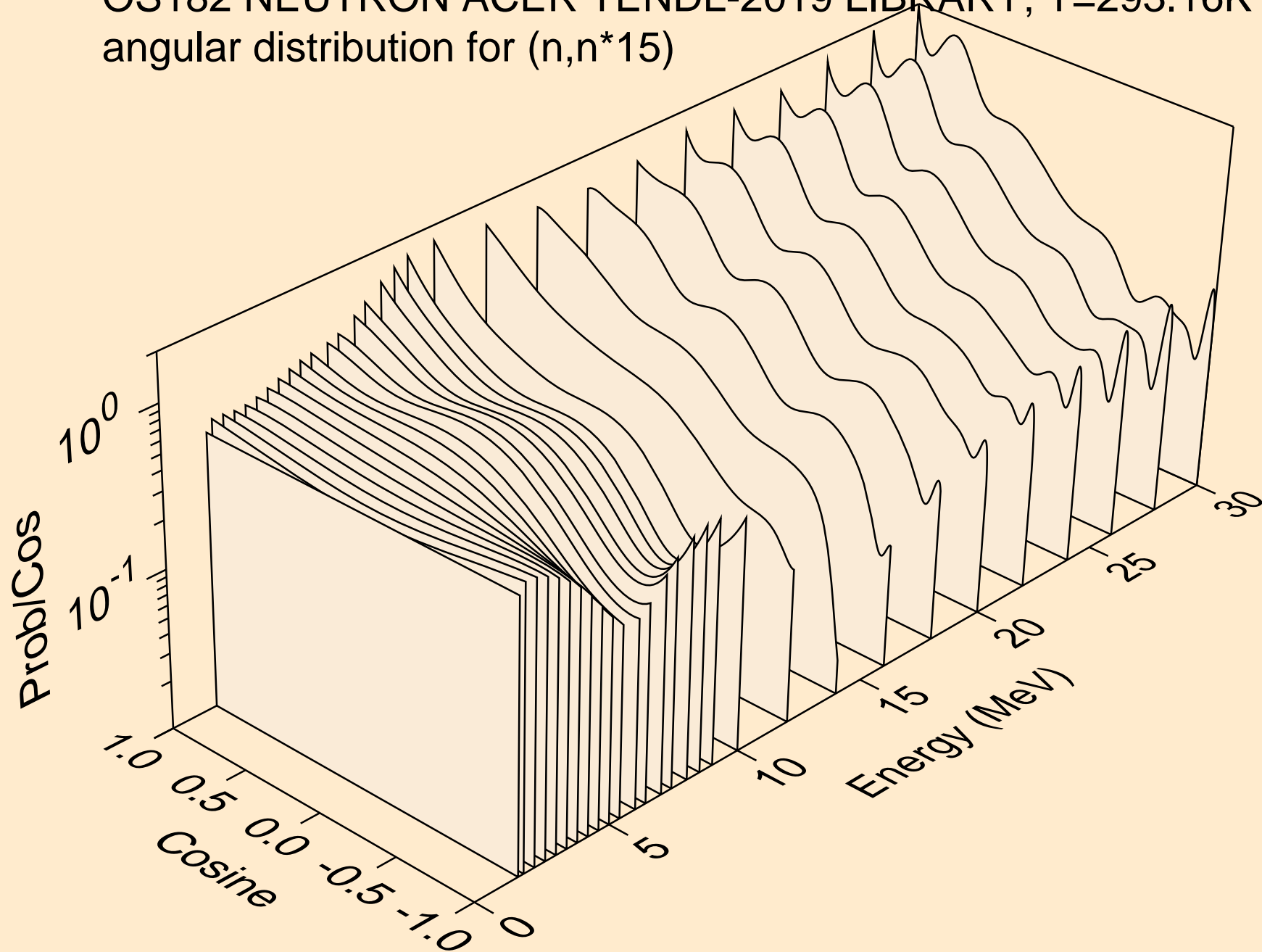
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



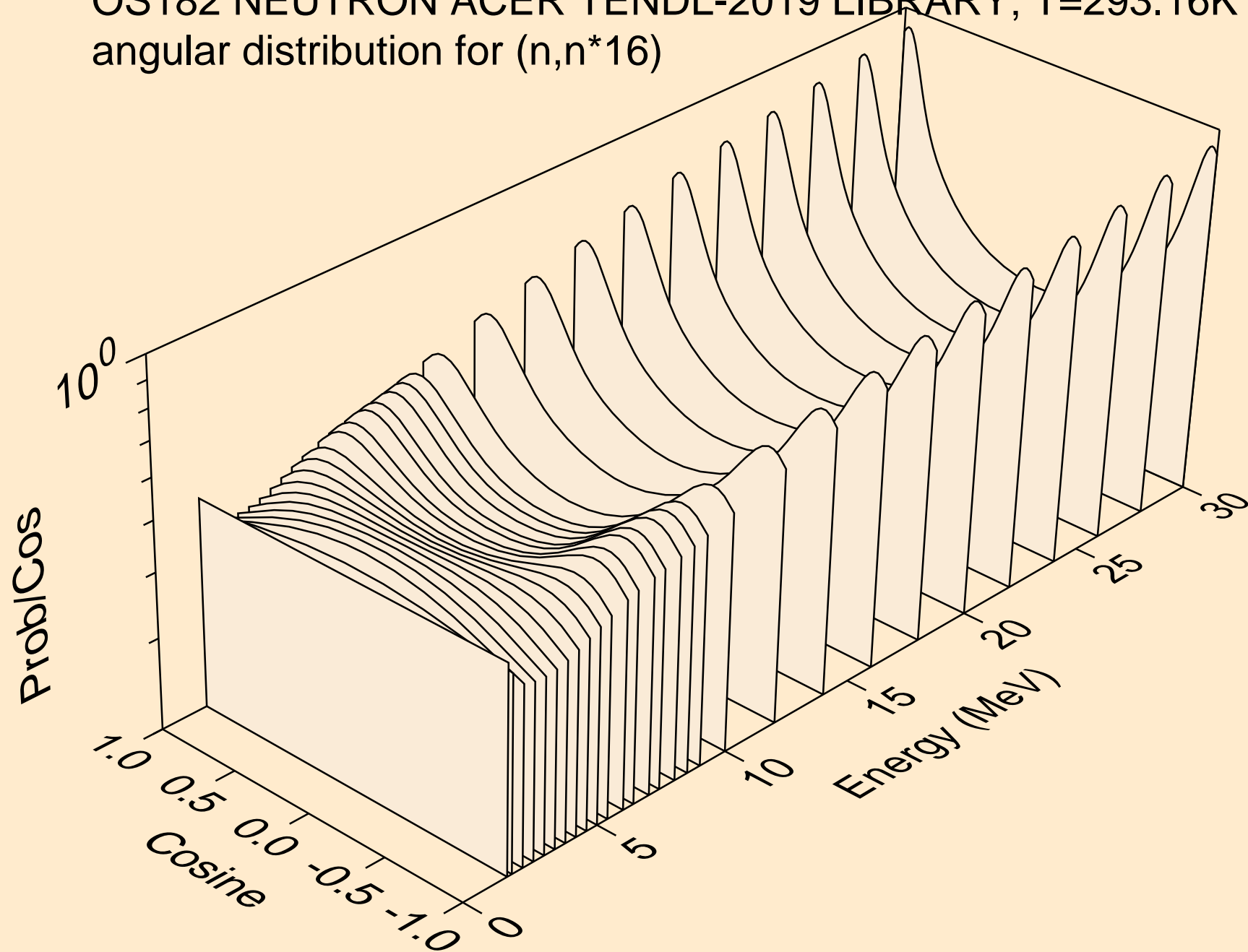
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



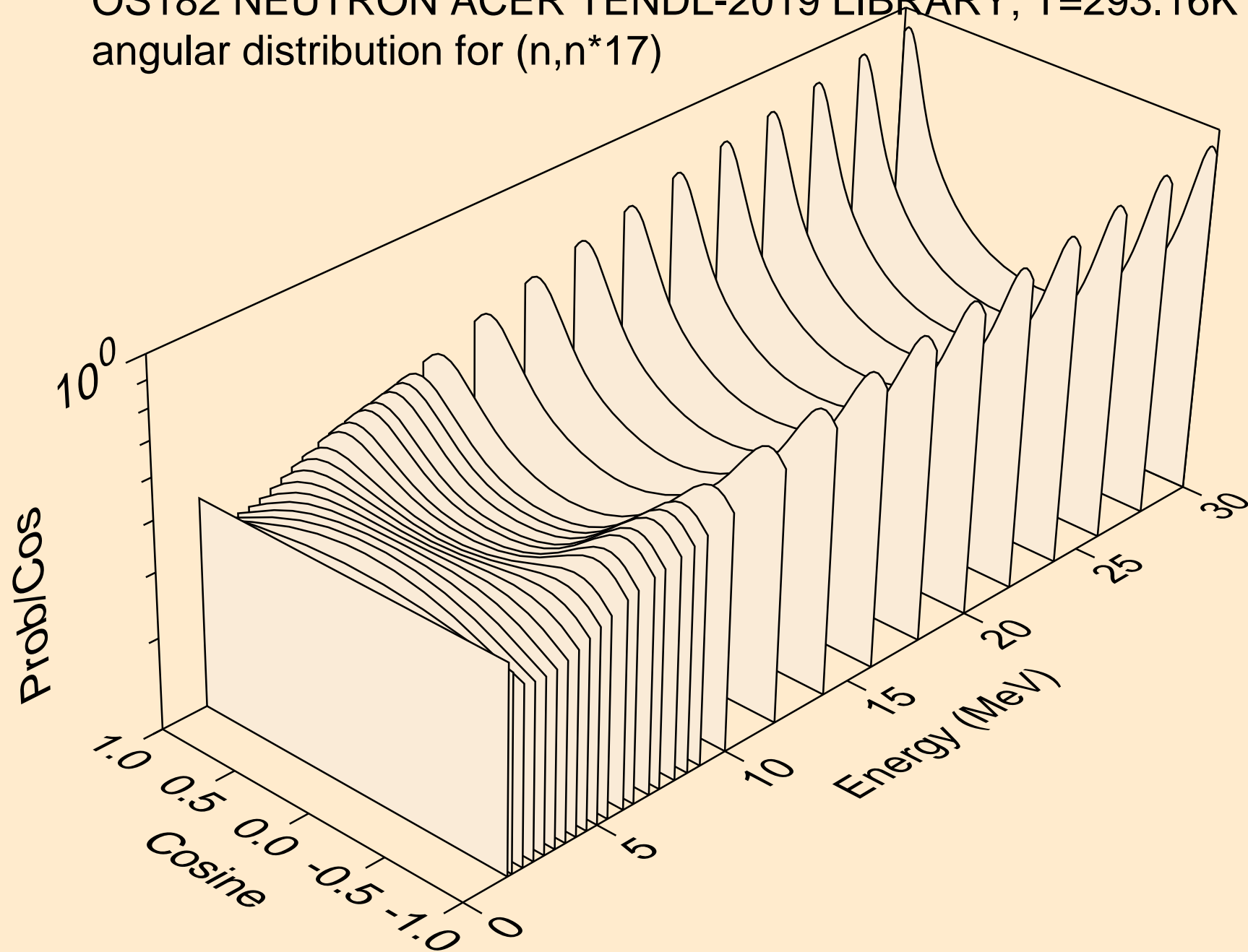
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)

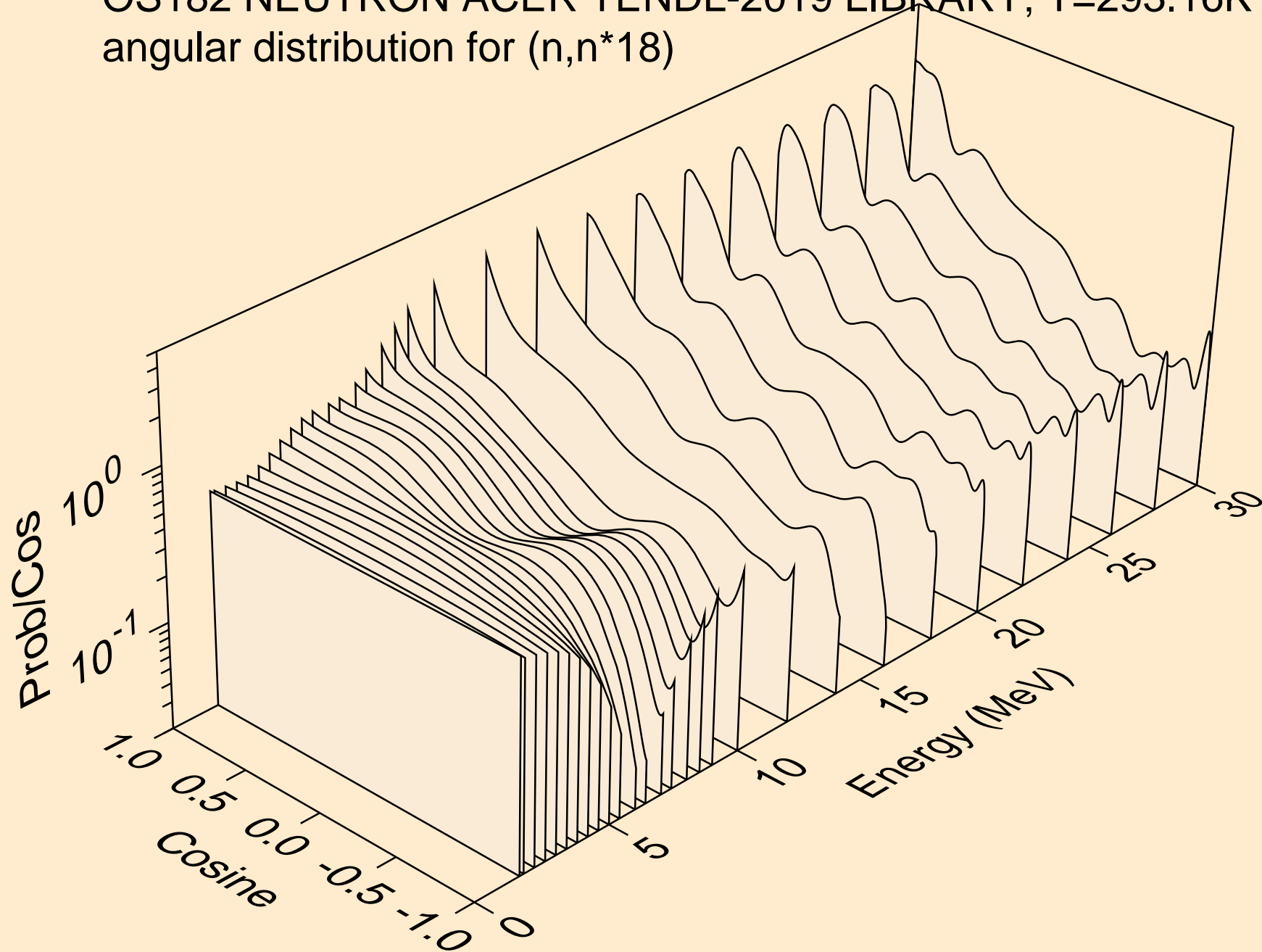


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

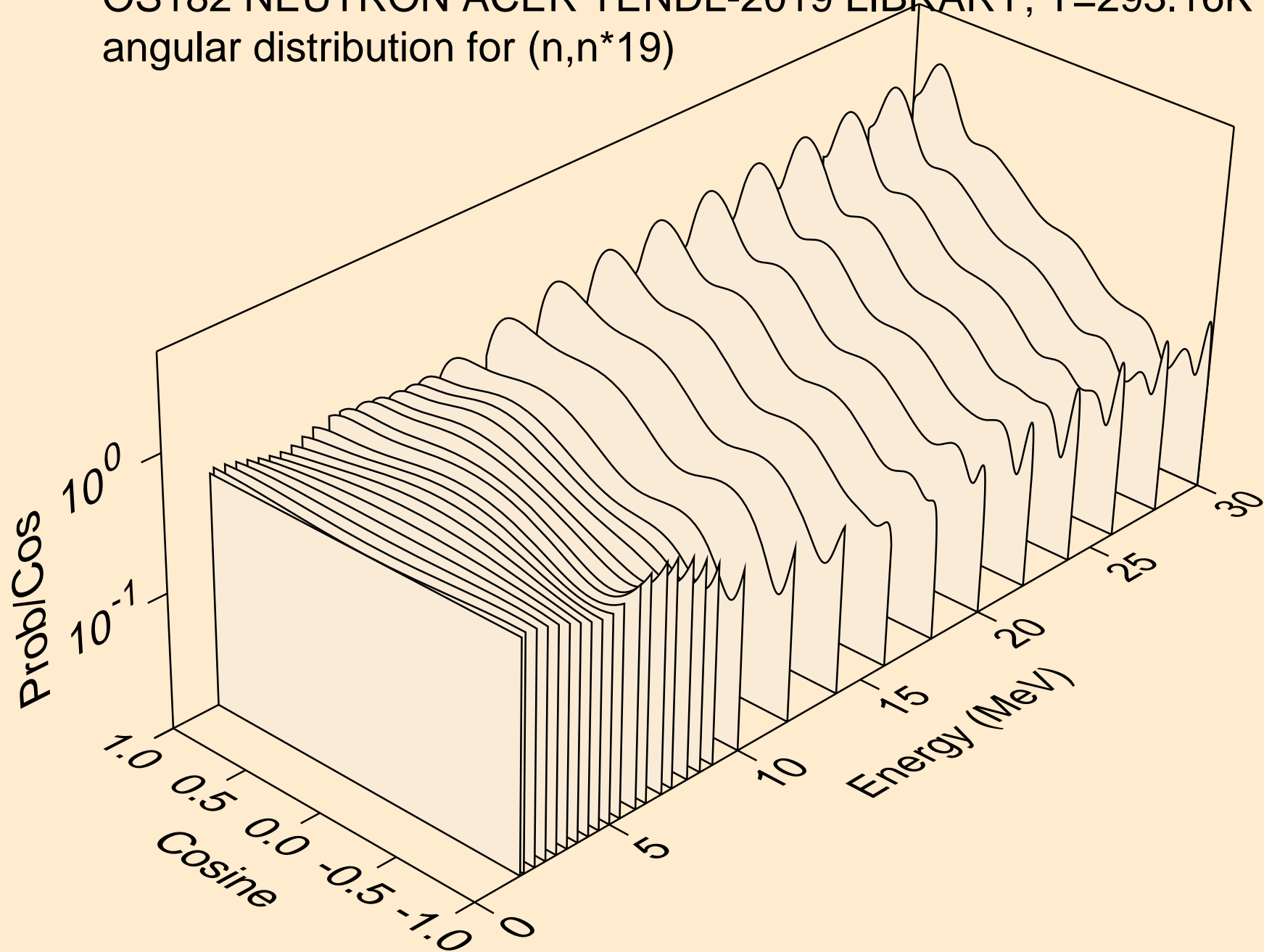




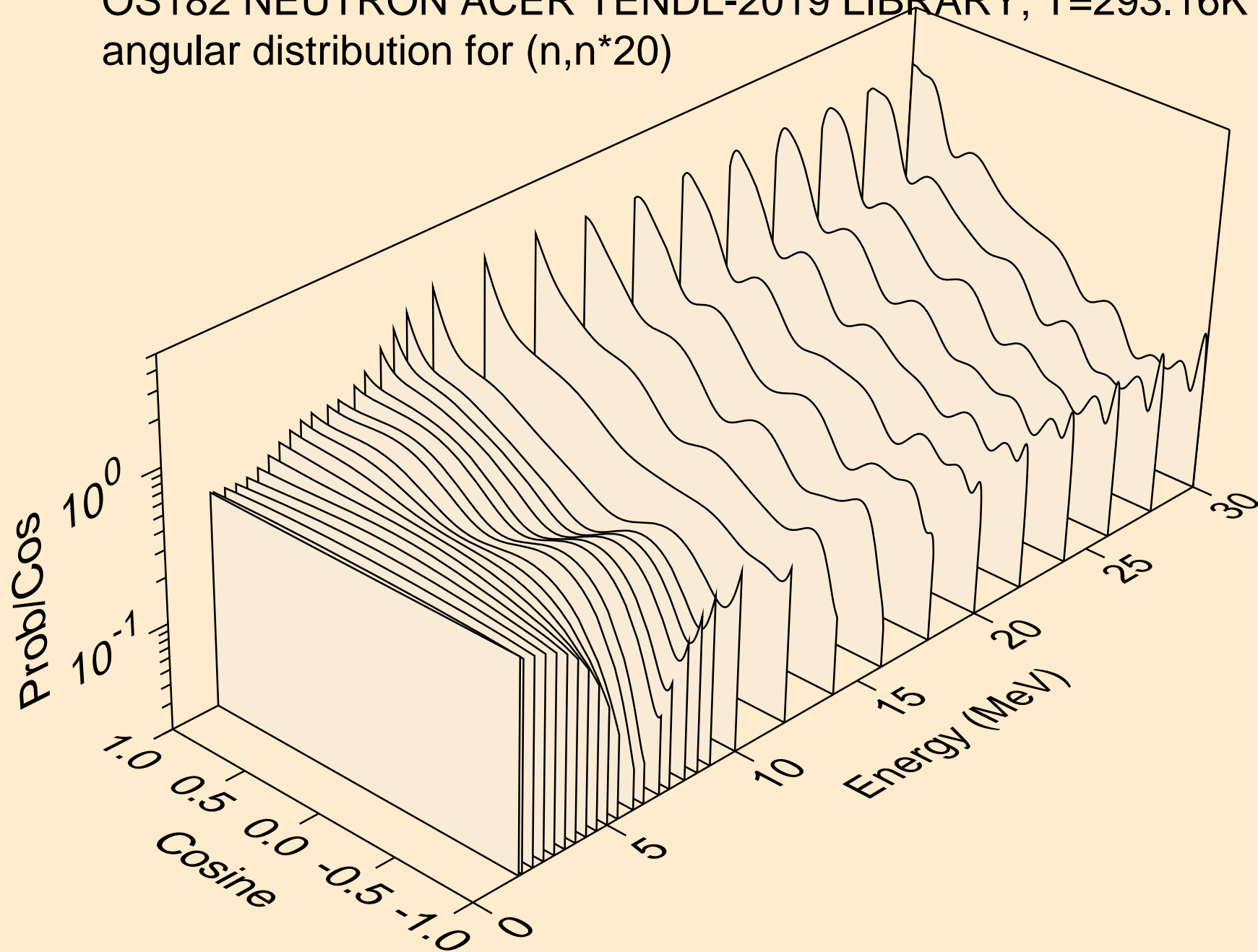
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



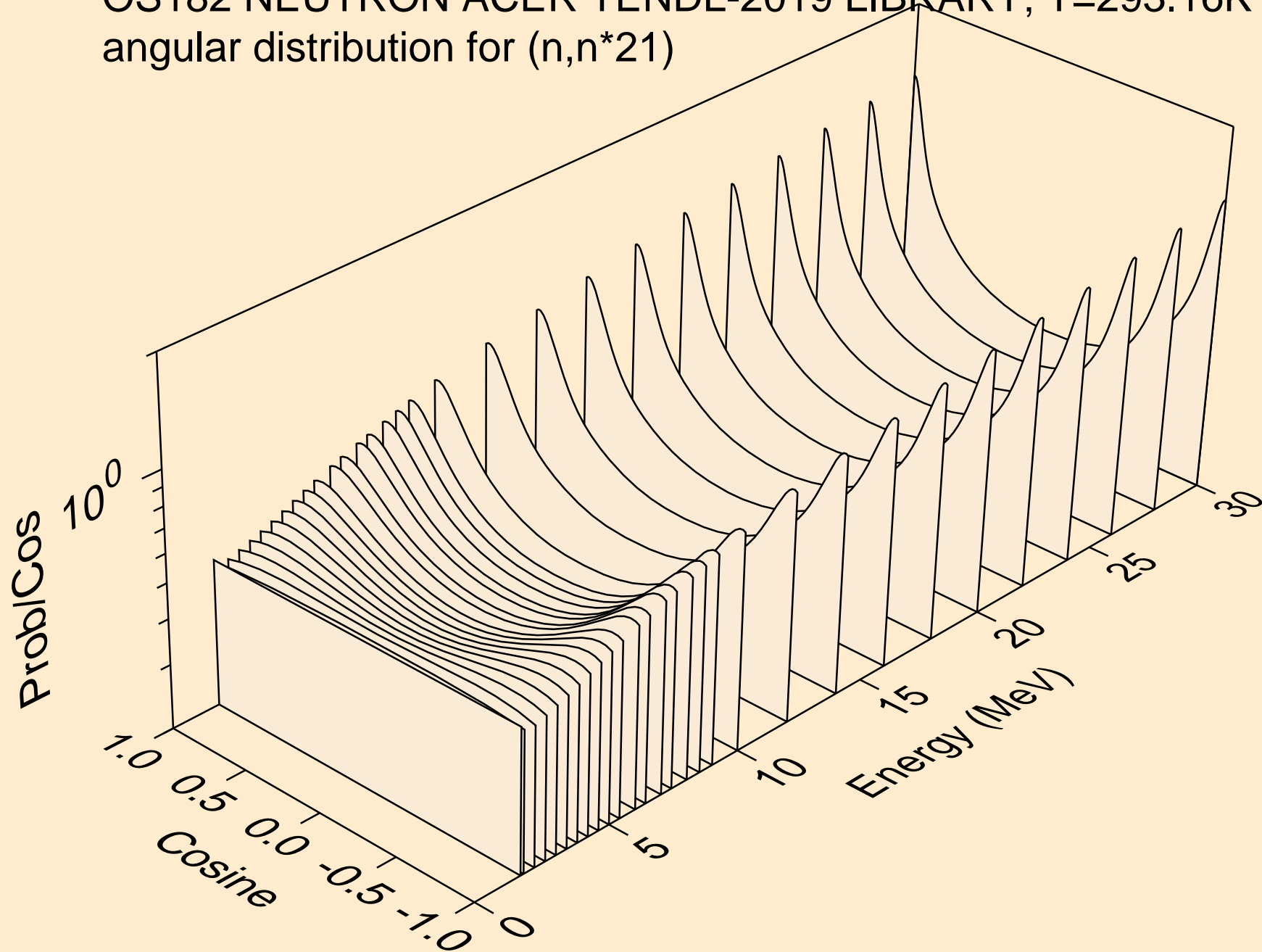
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



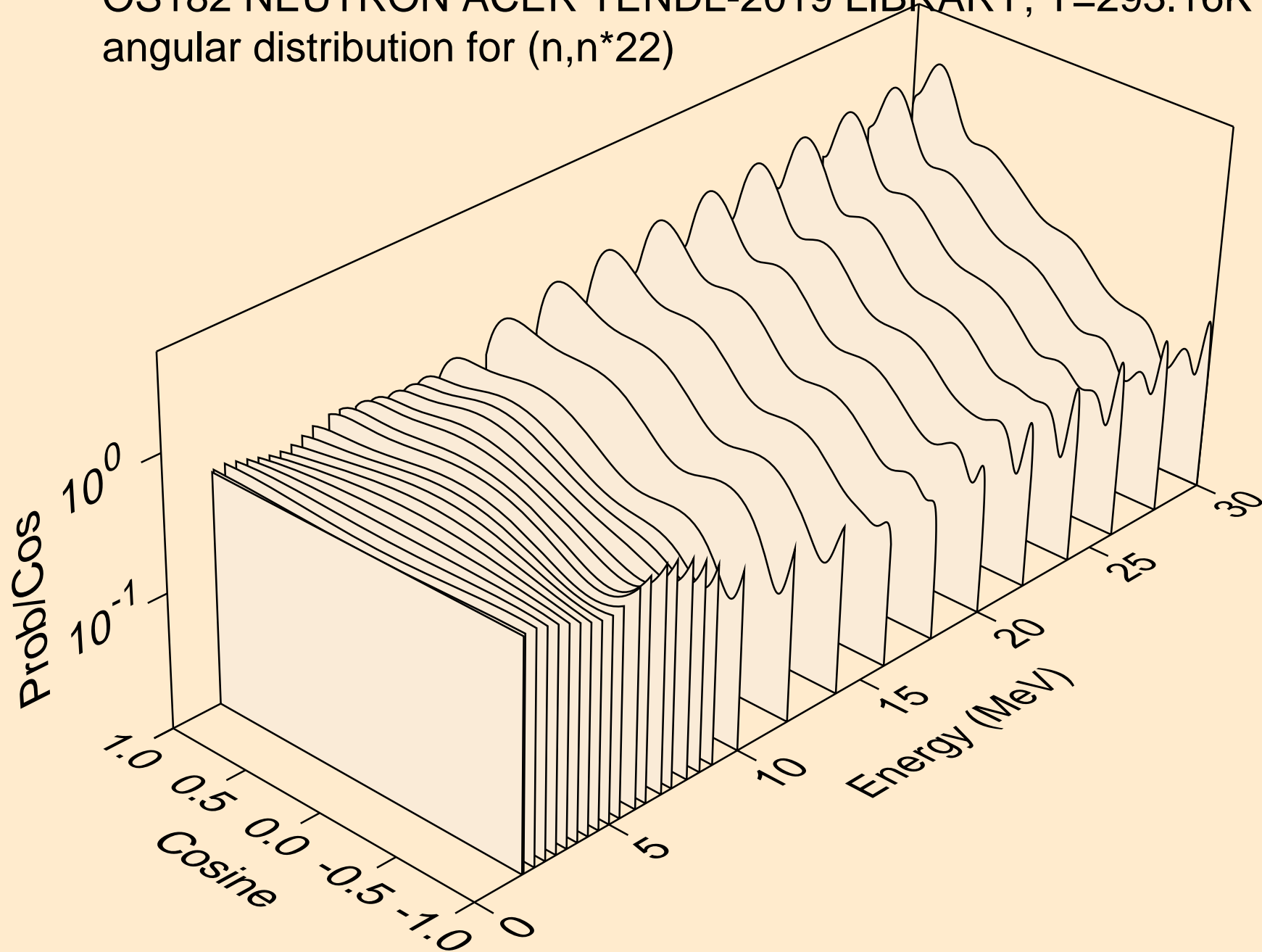
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



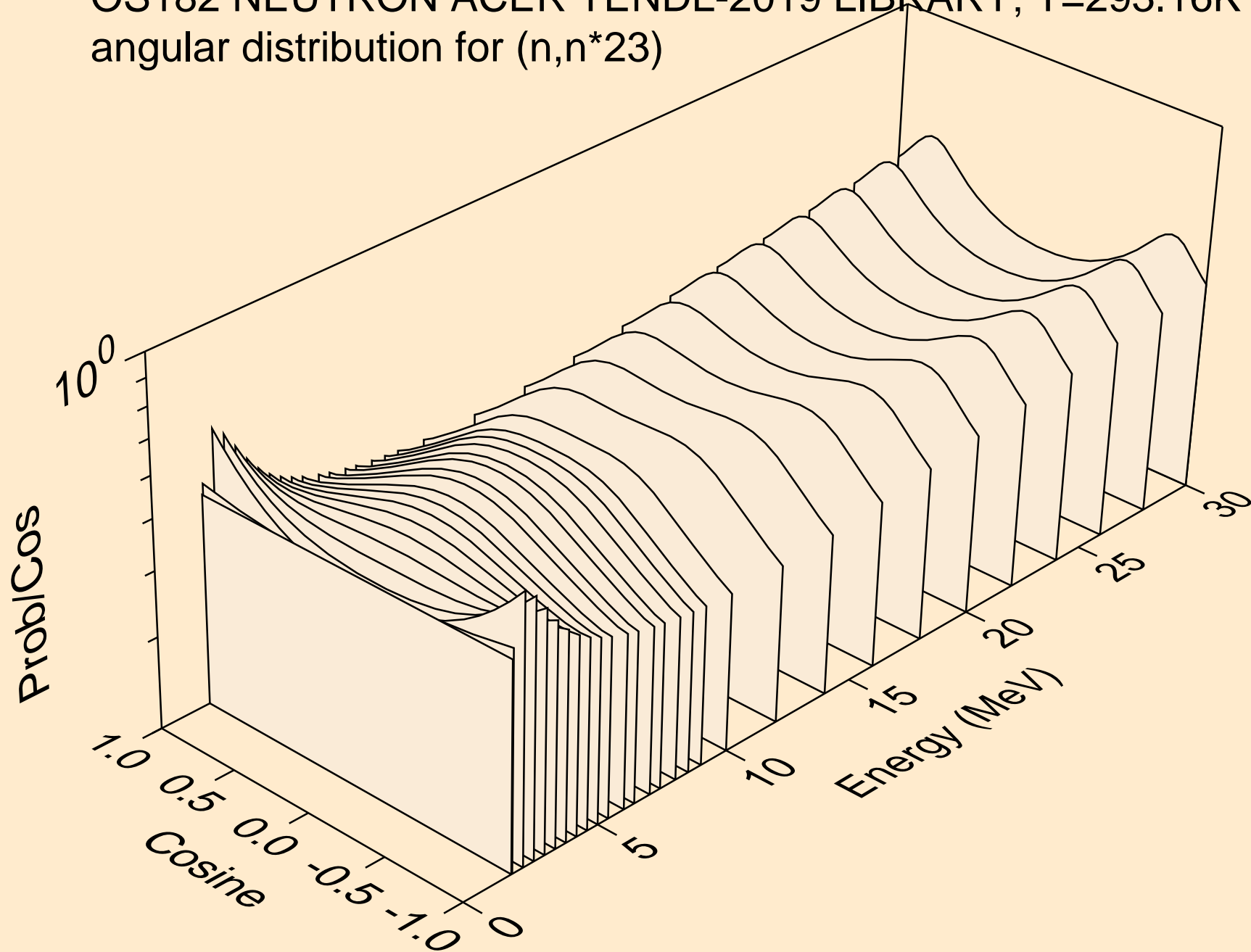
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



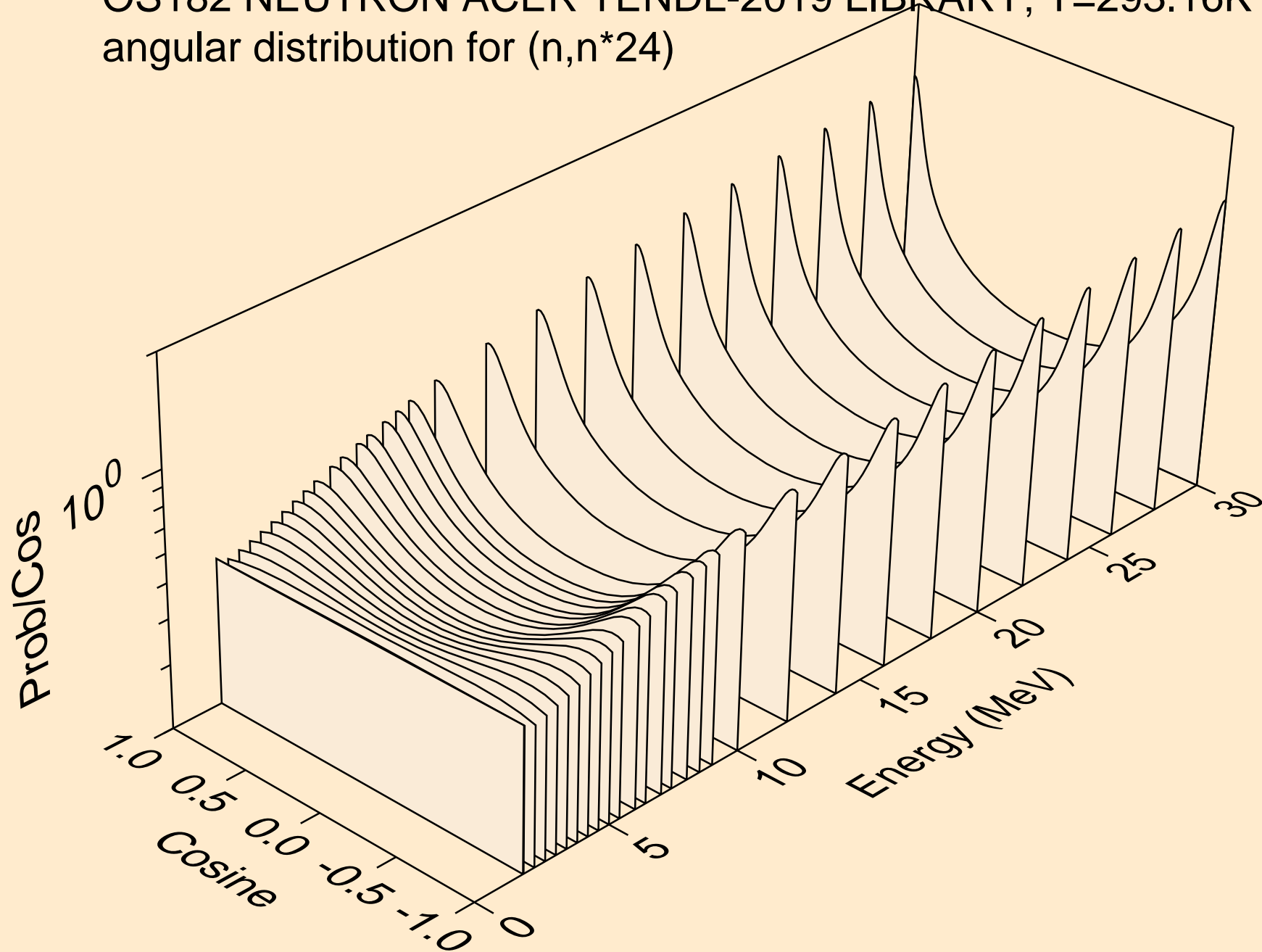
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



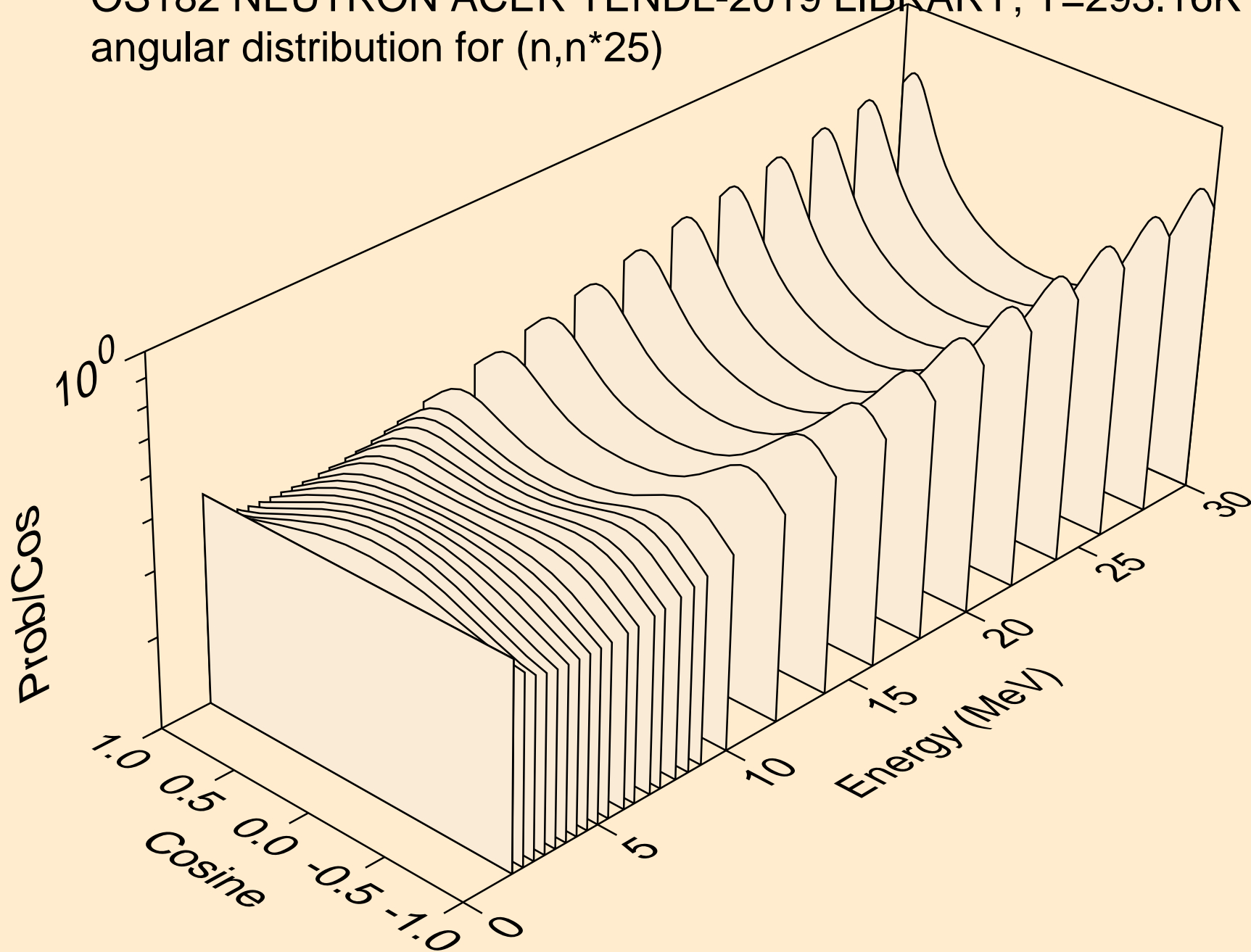
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)

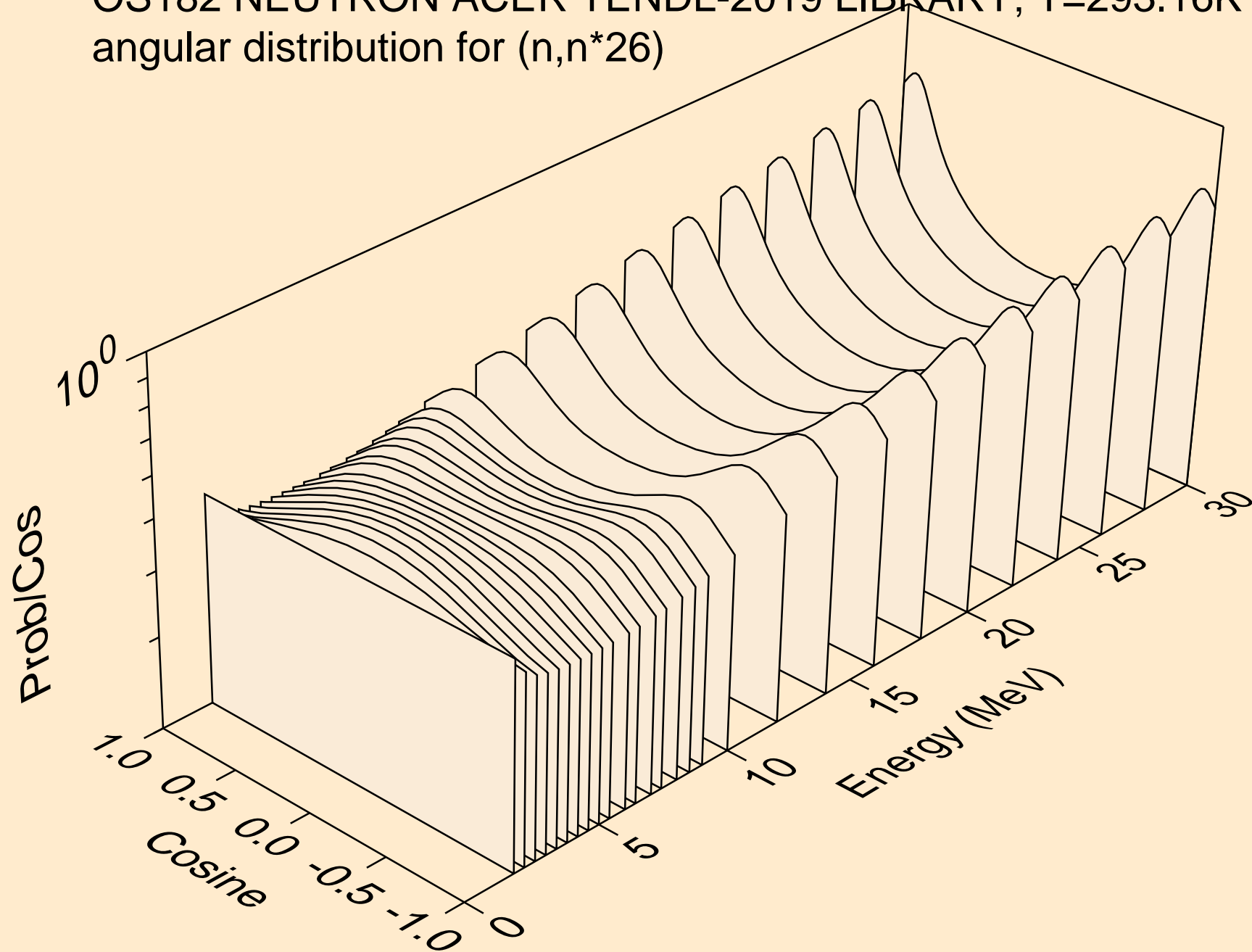


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

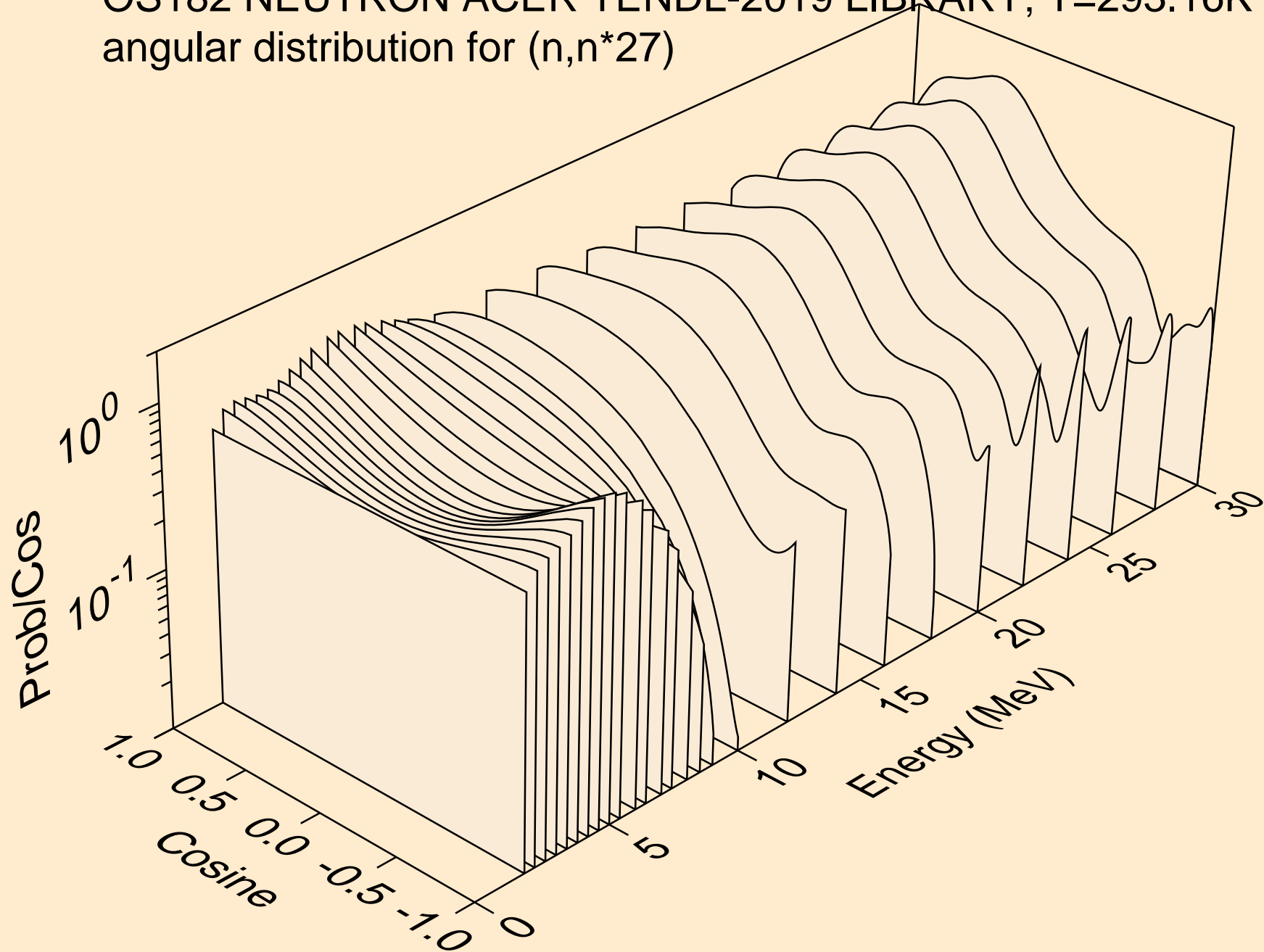




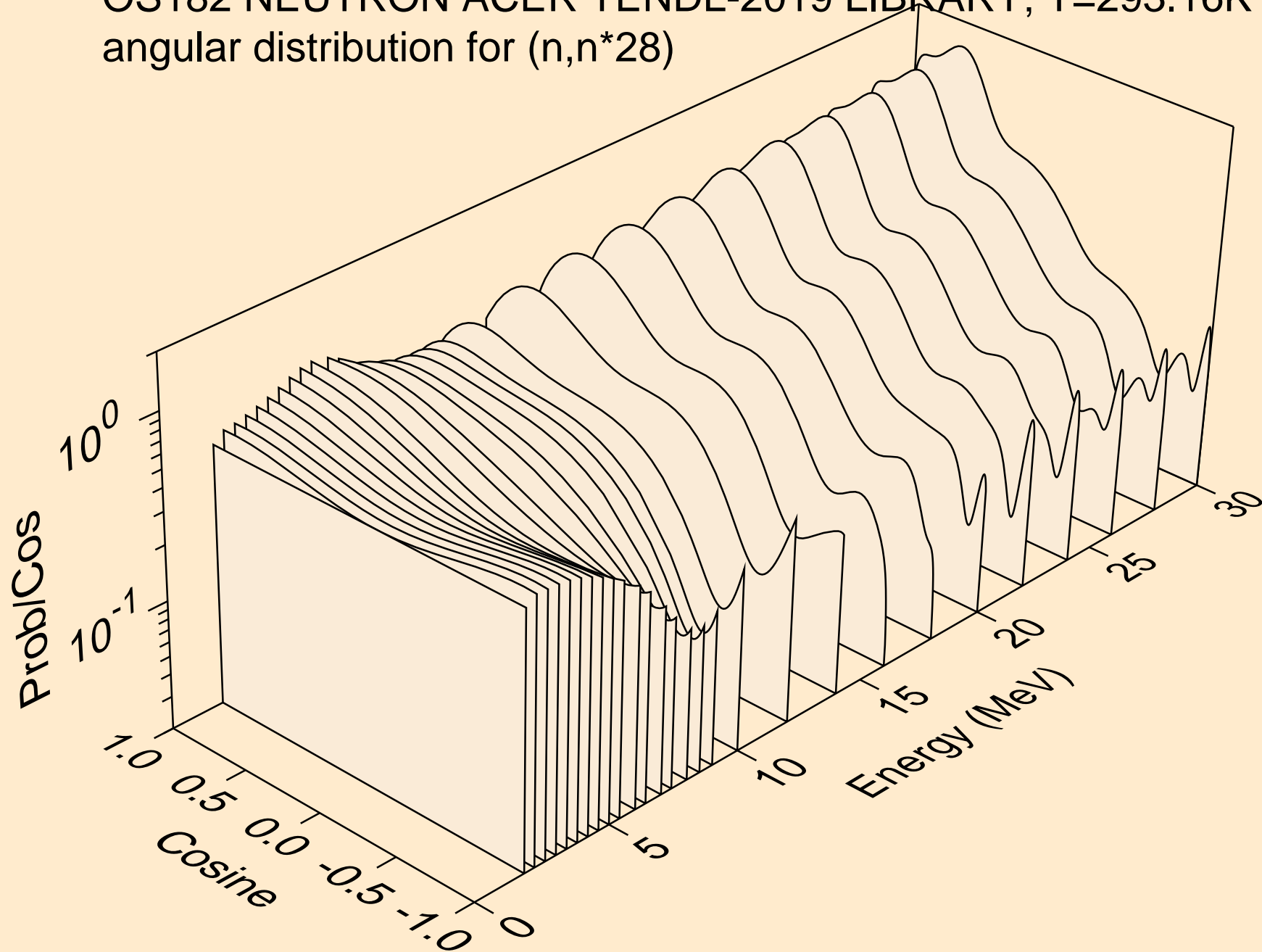
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



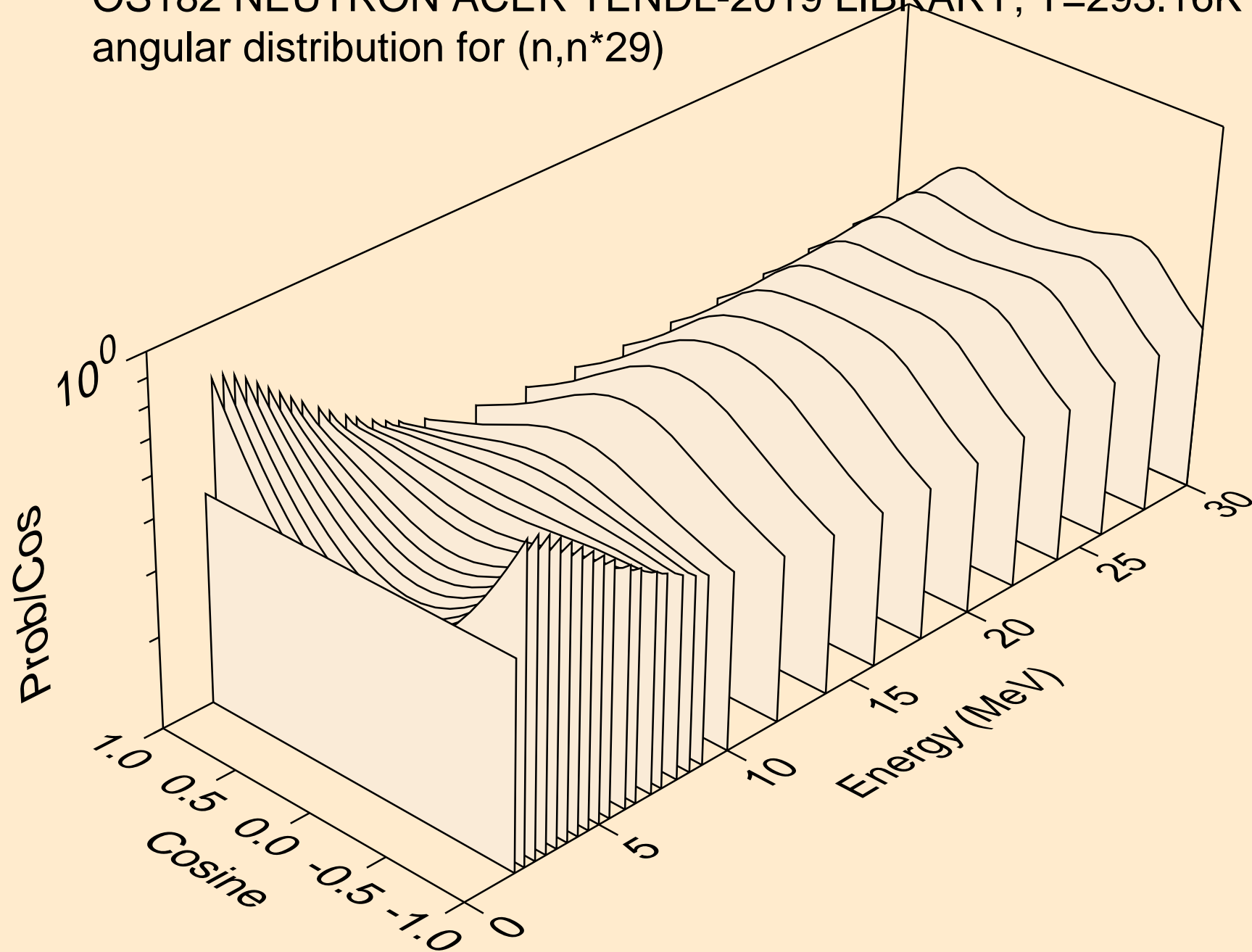
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



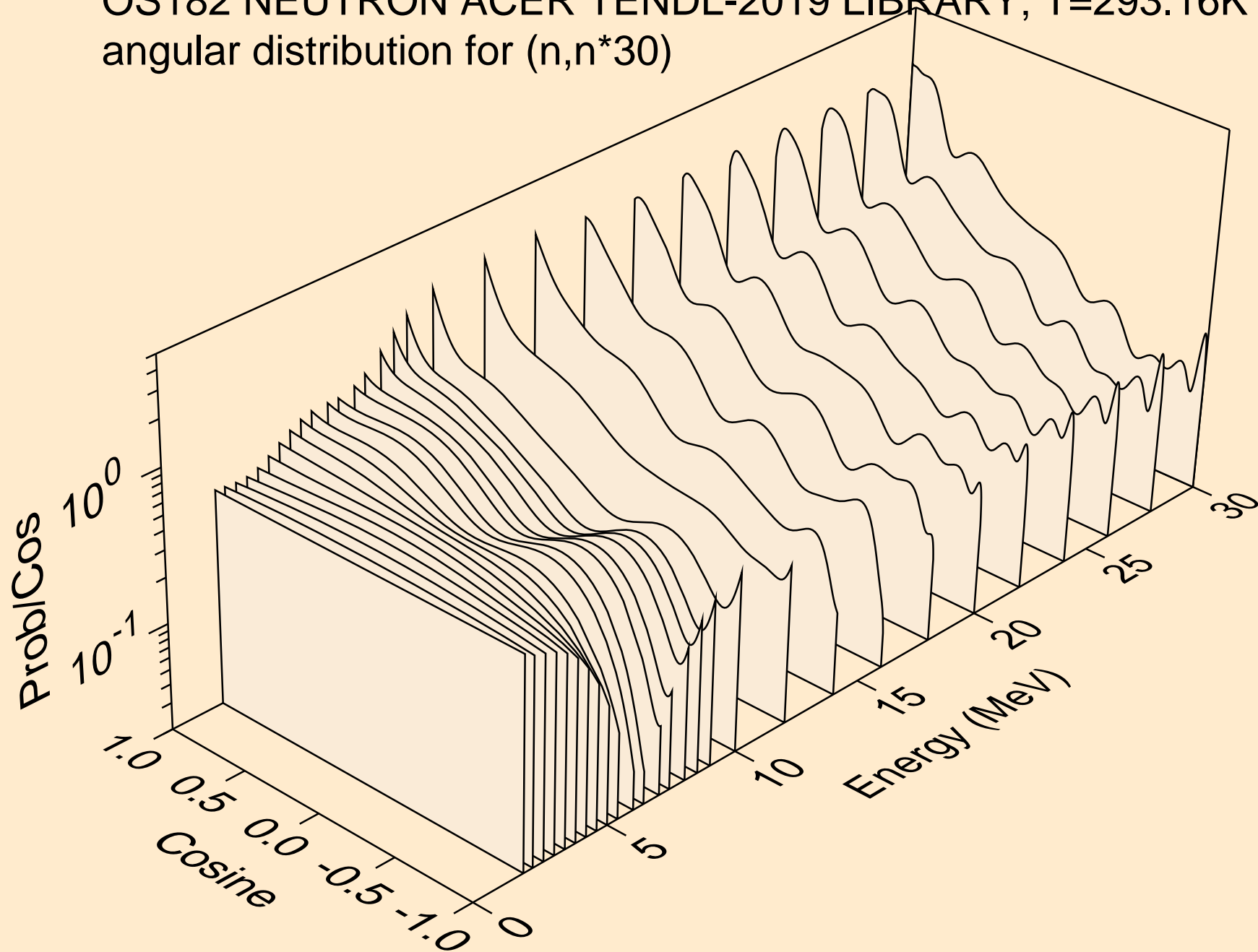
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



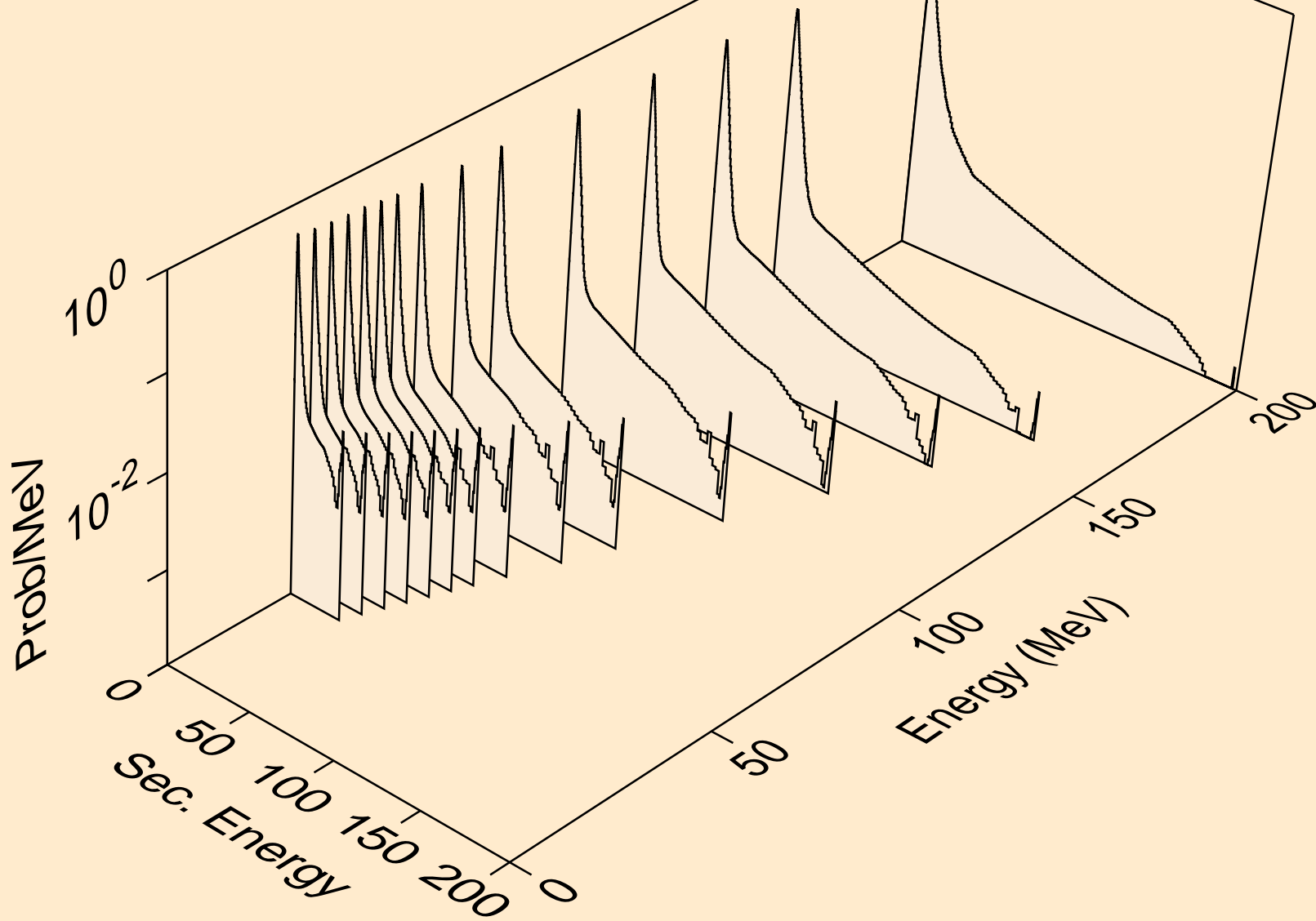
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



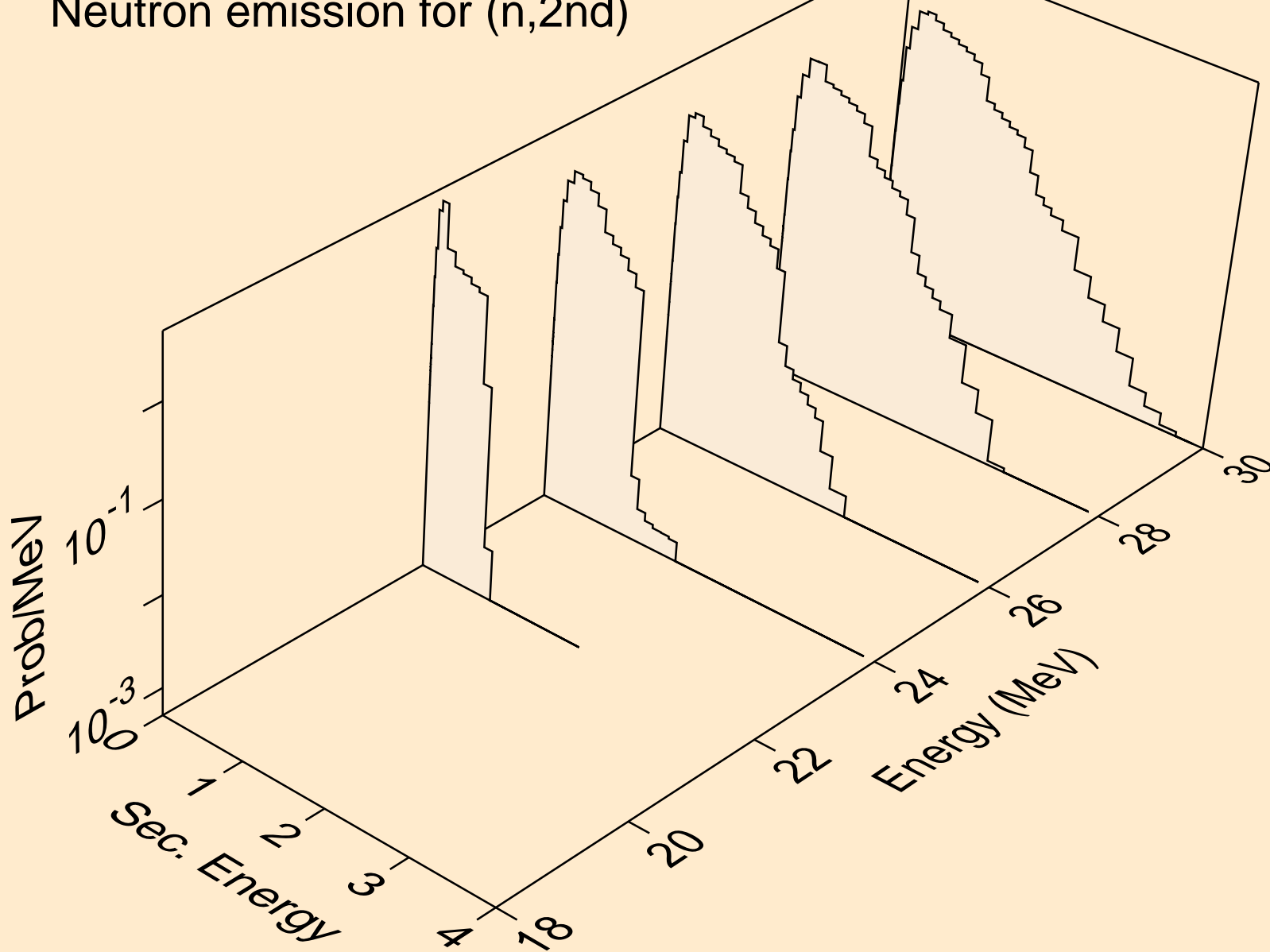
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



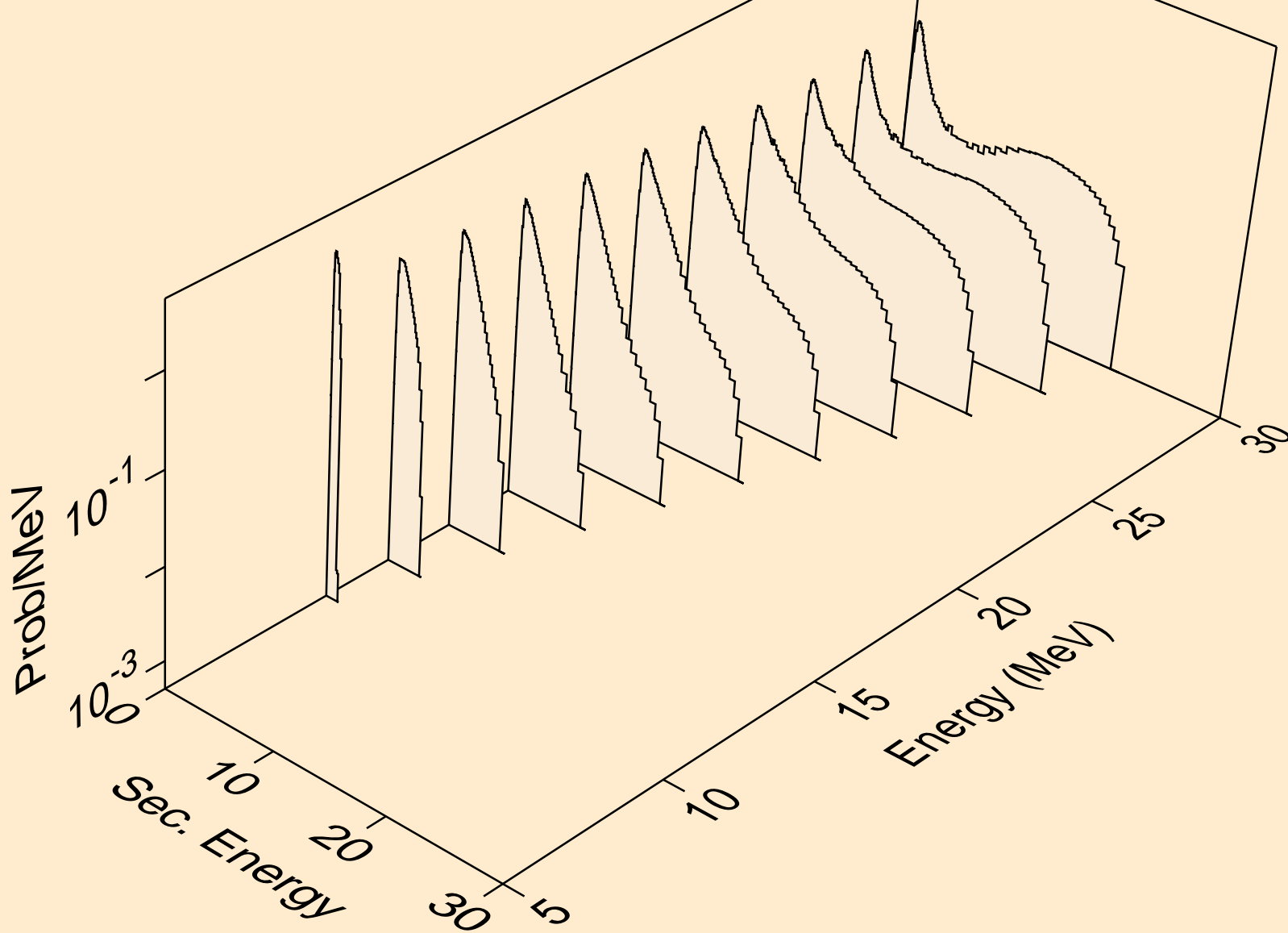
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

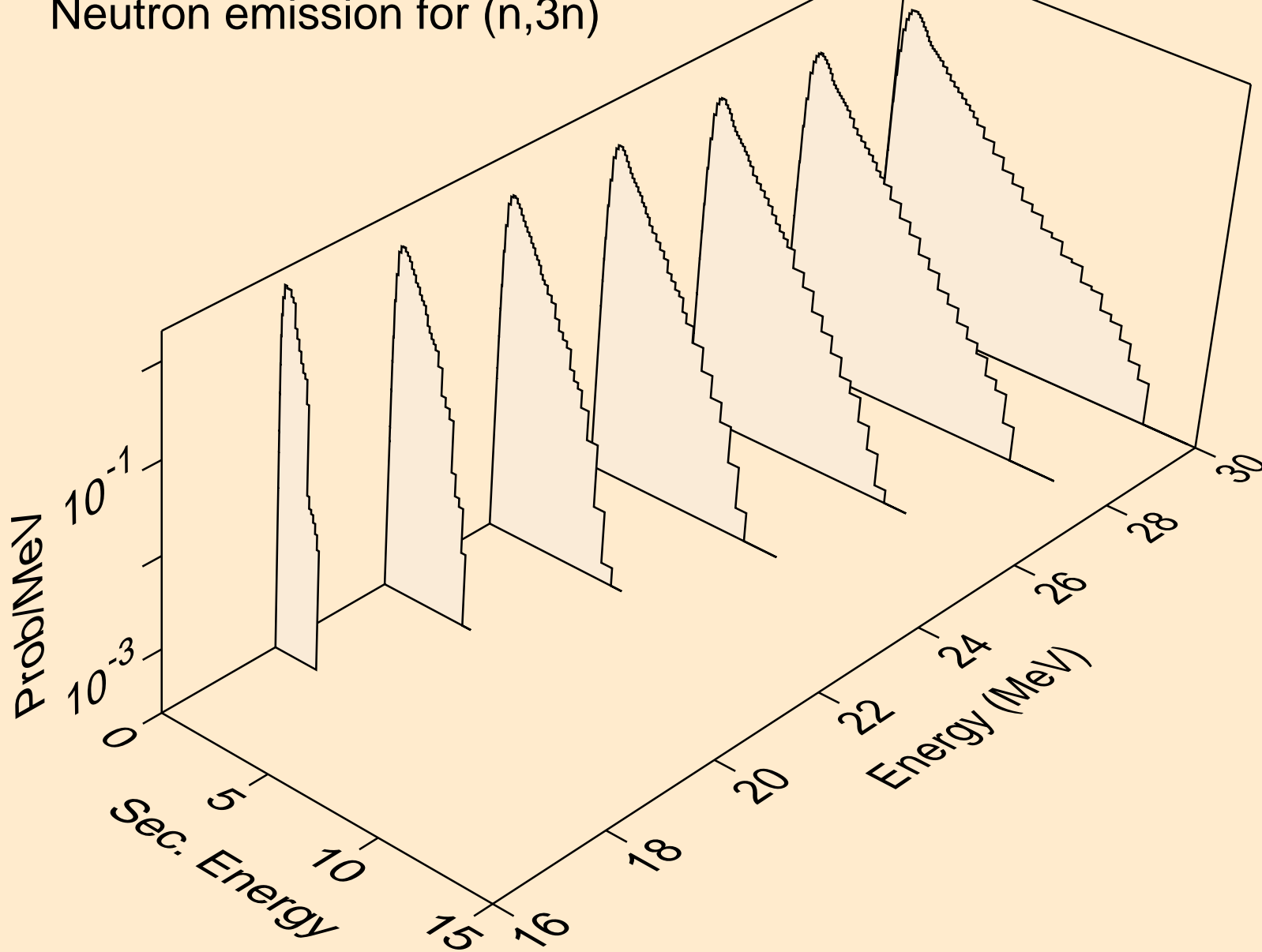


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

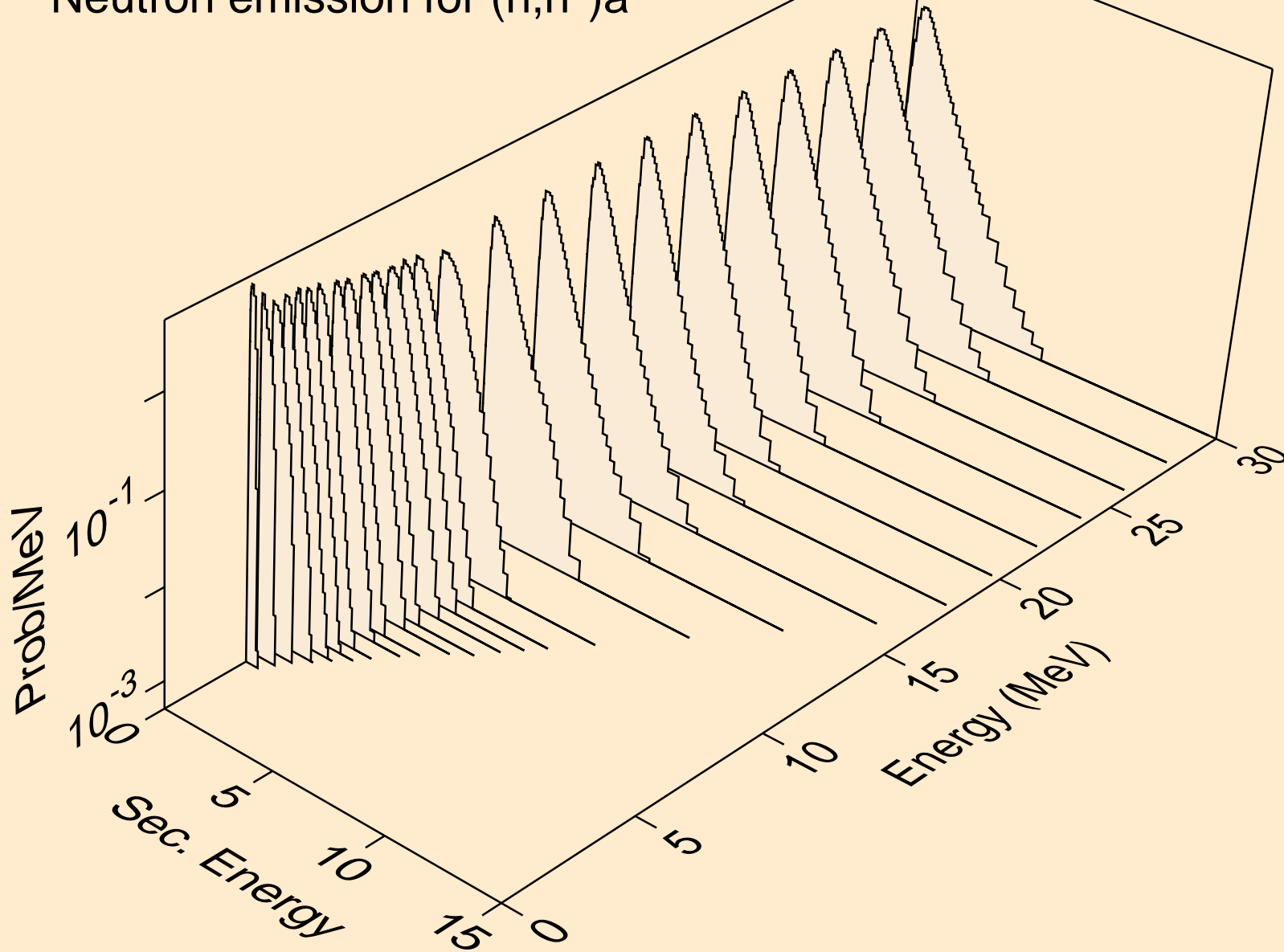




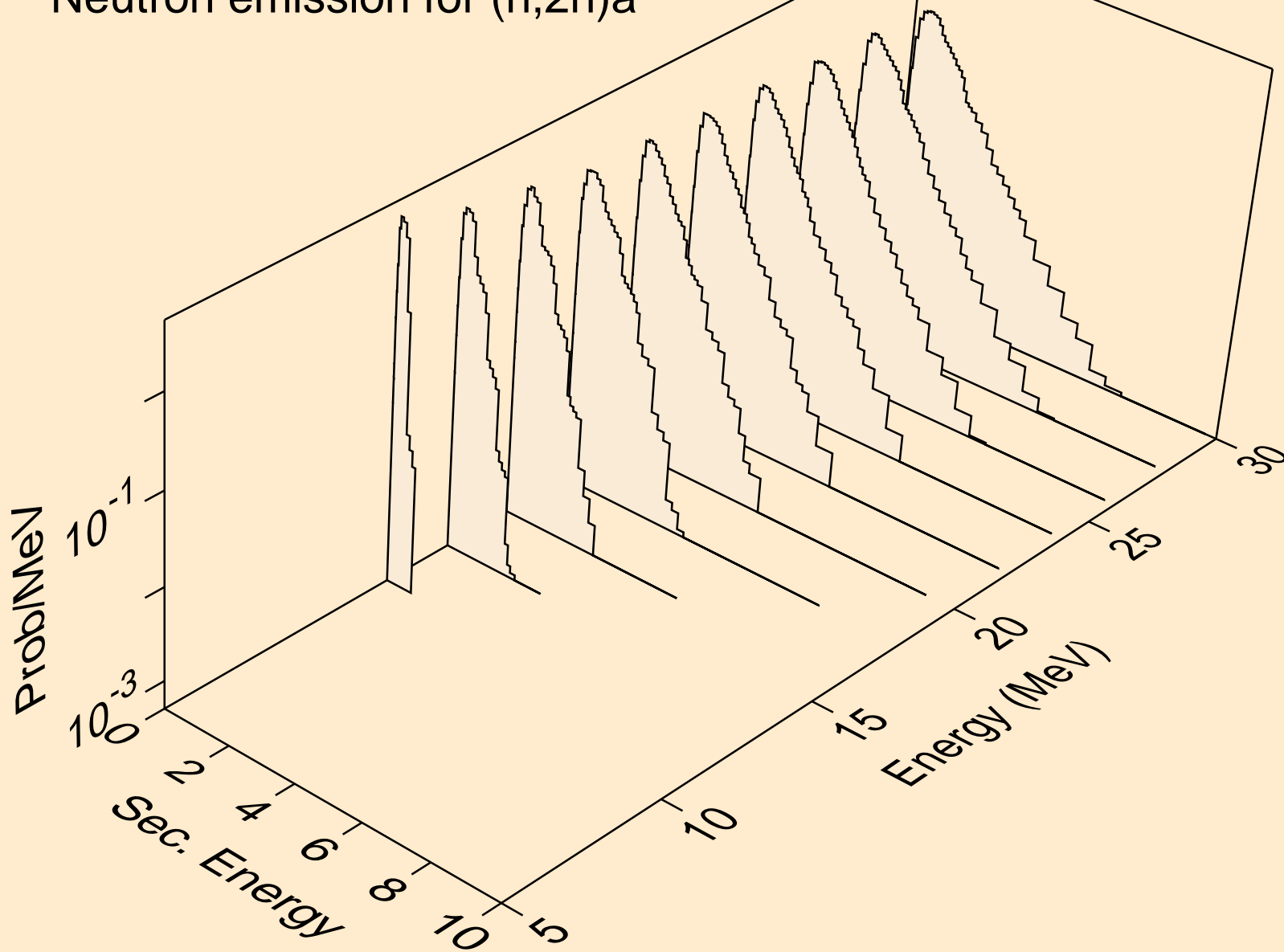
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



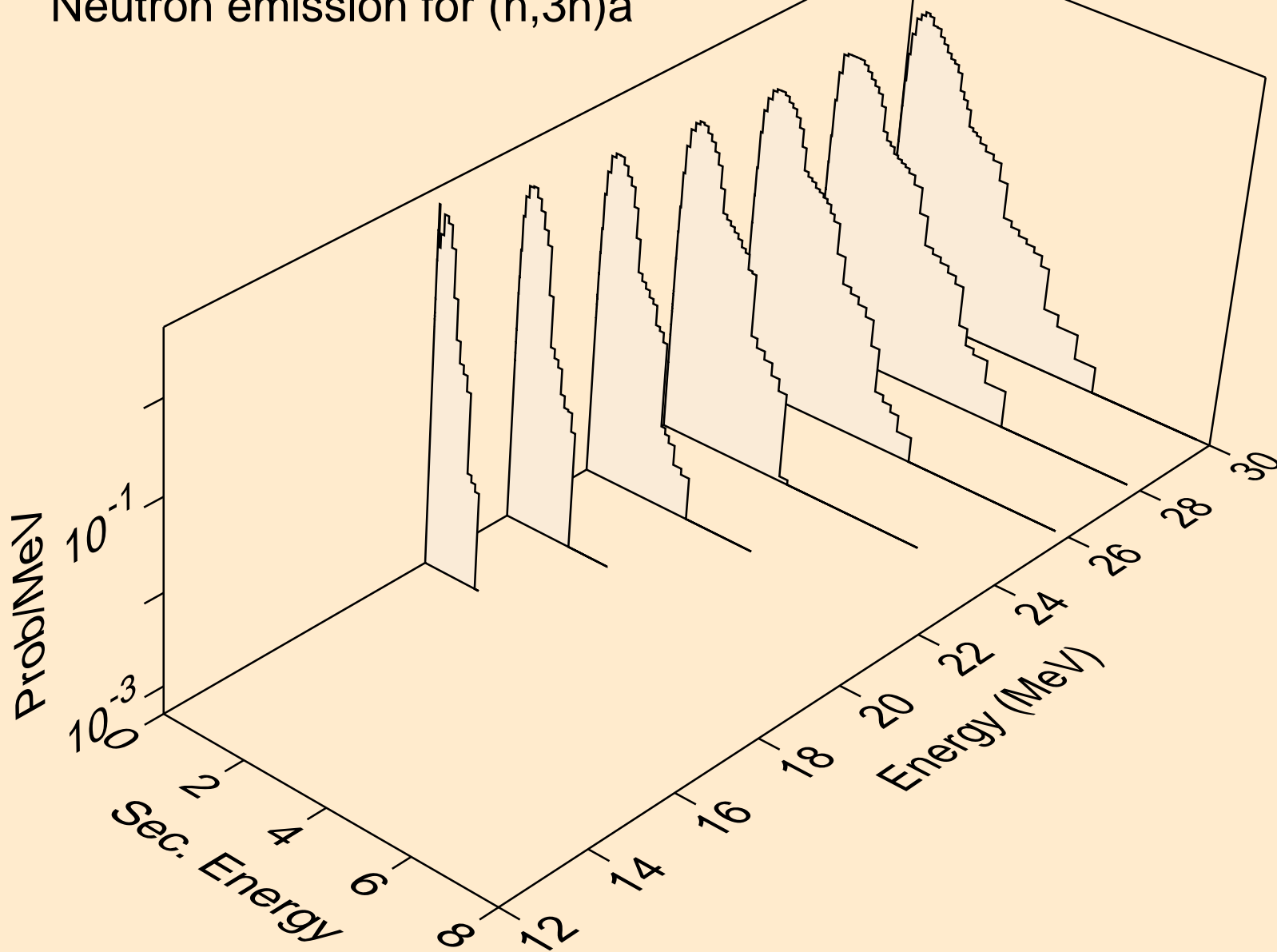
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



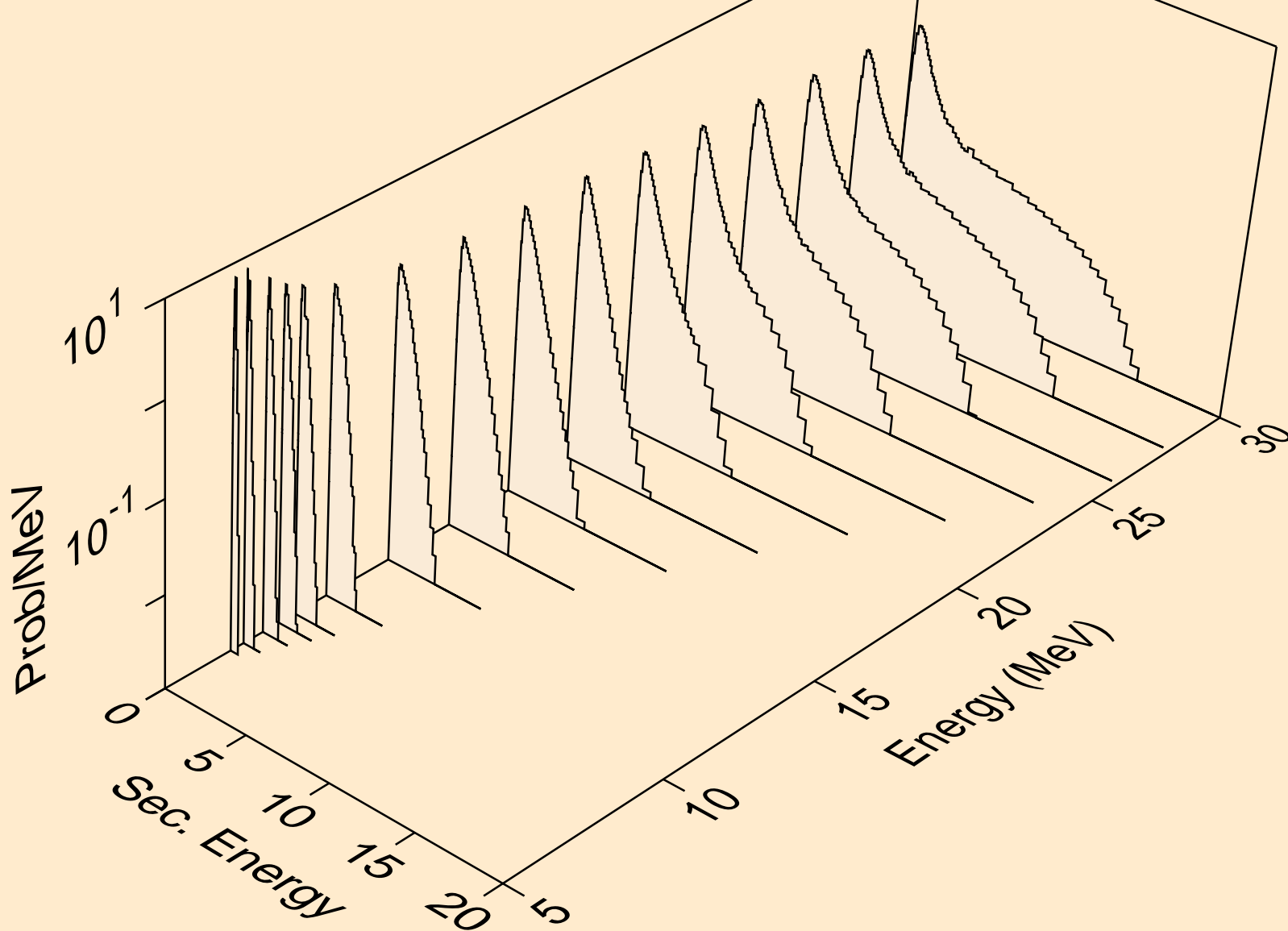
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



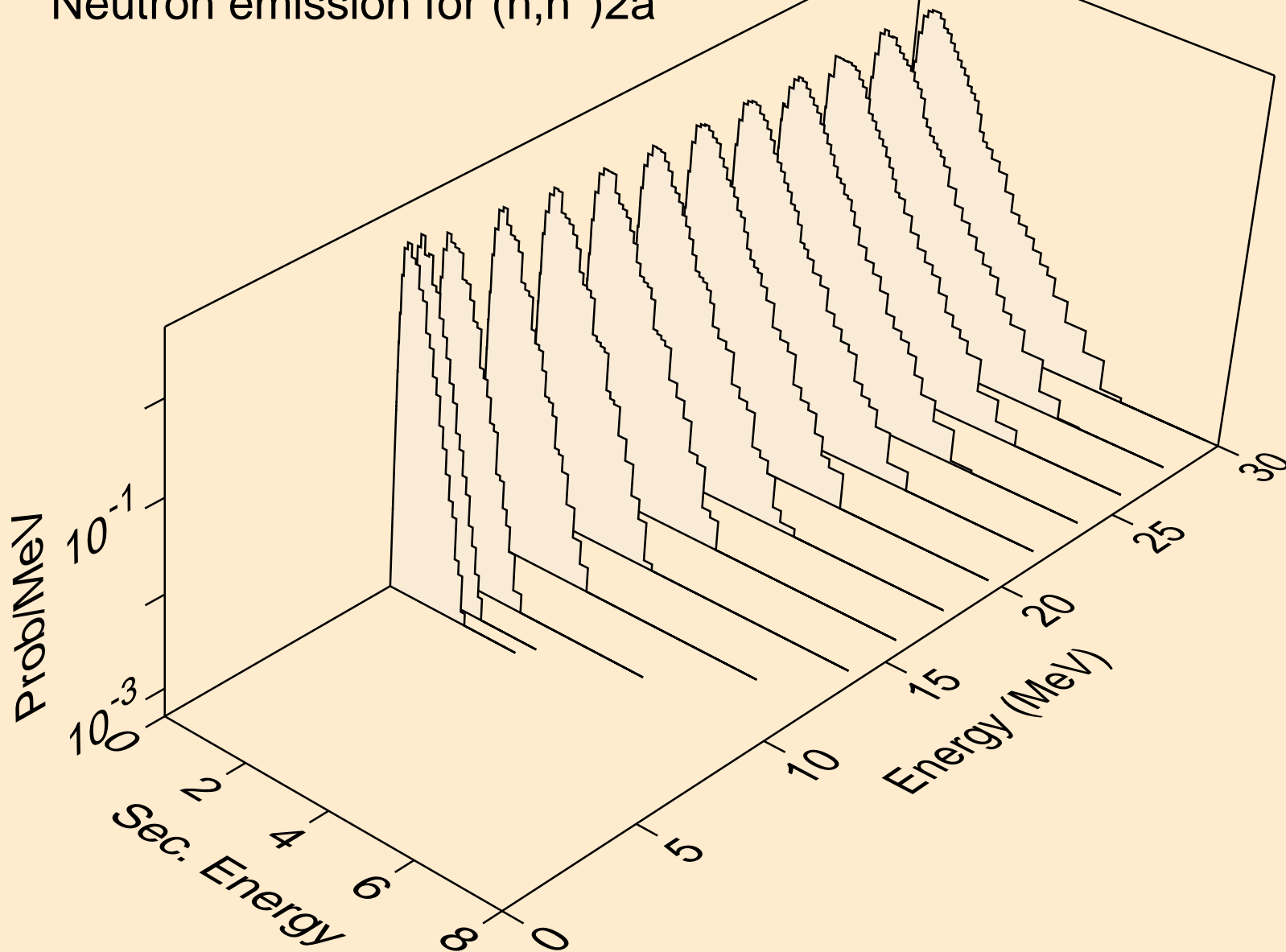
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



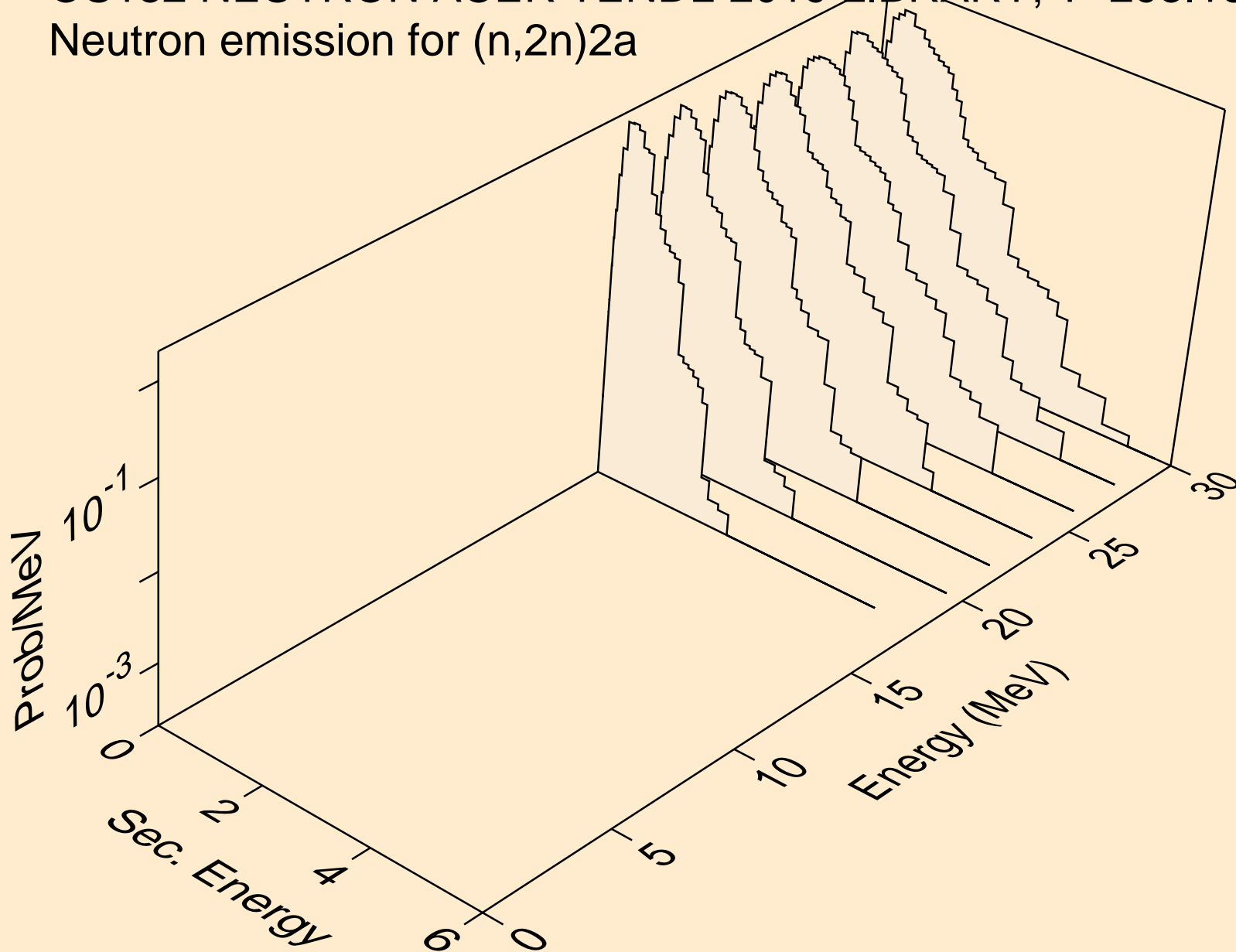
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



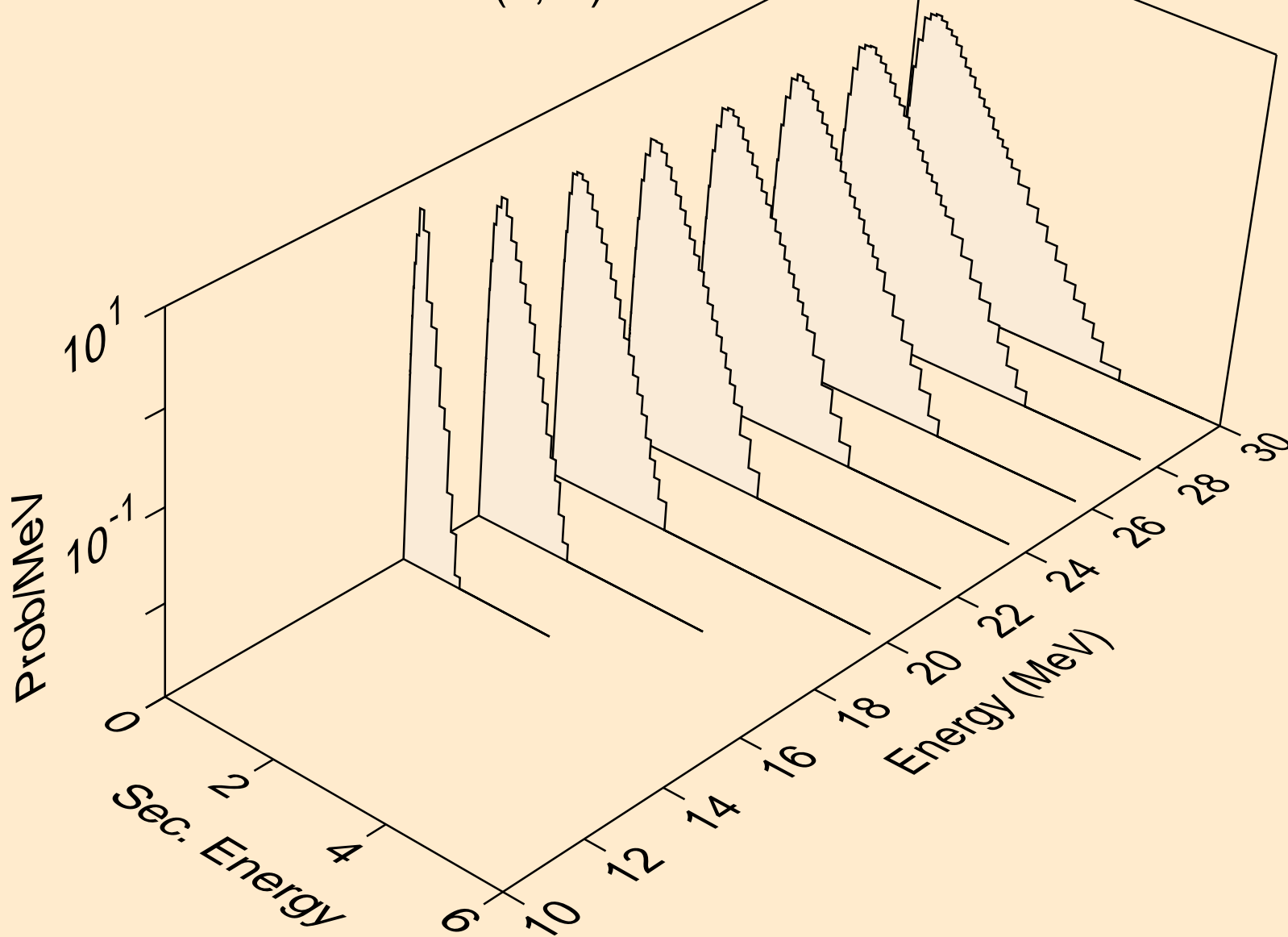
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a

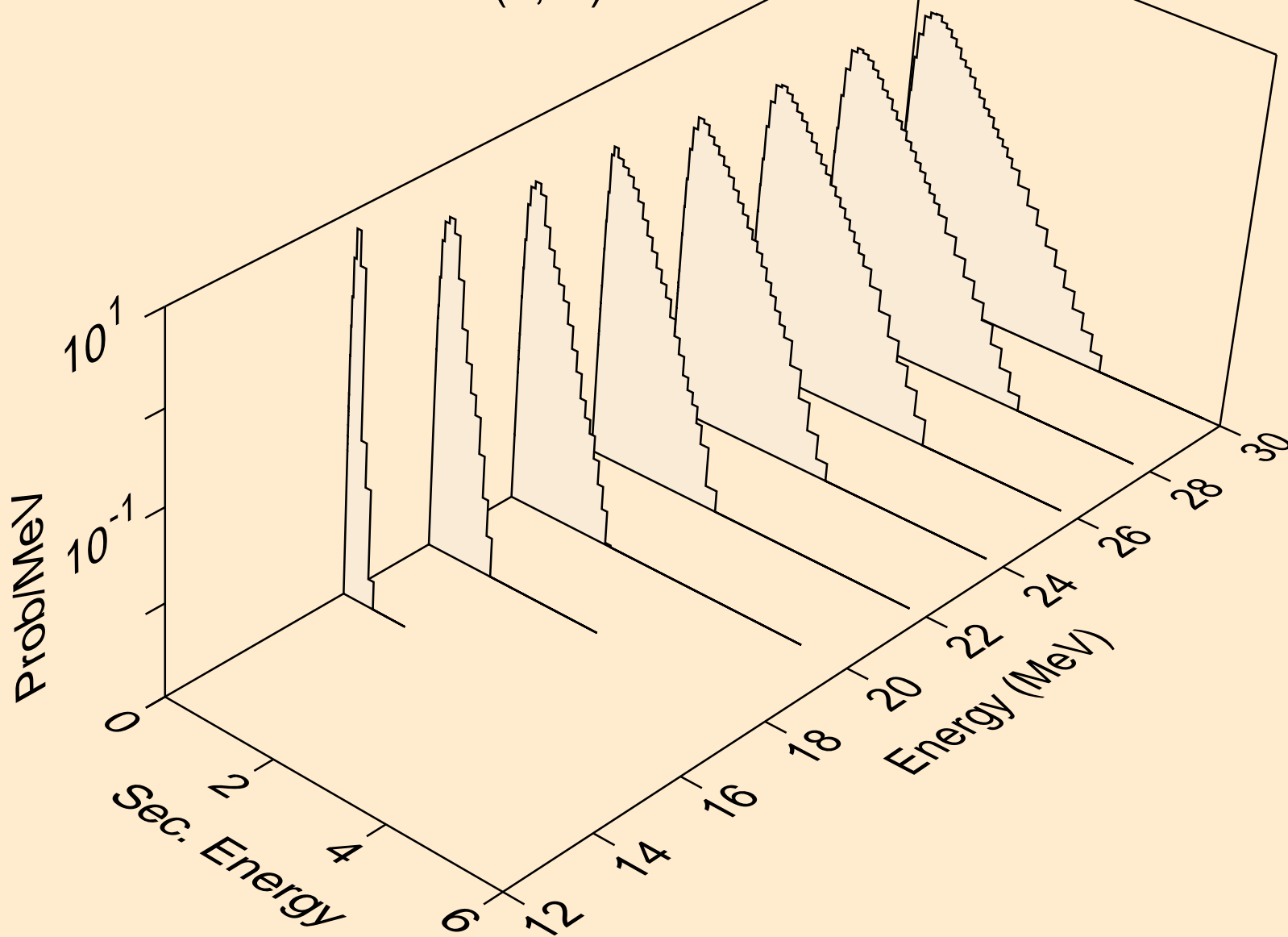


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

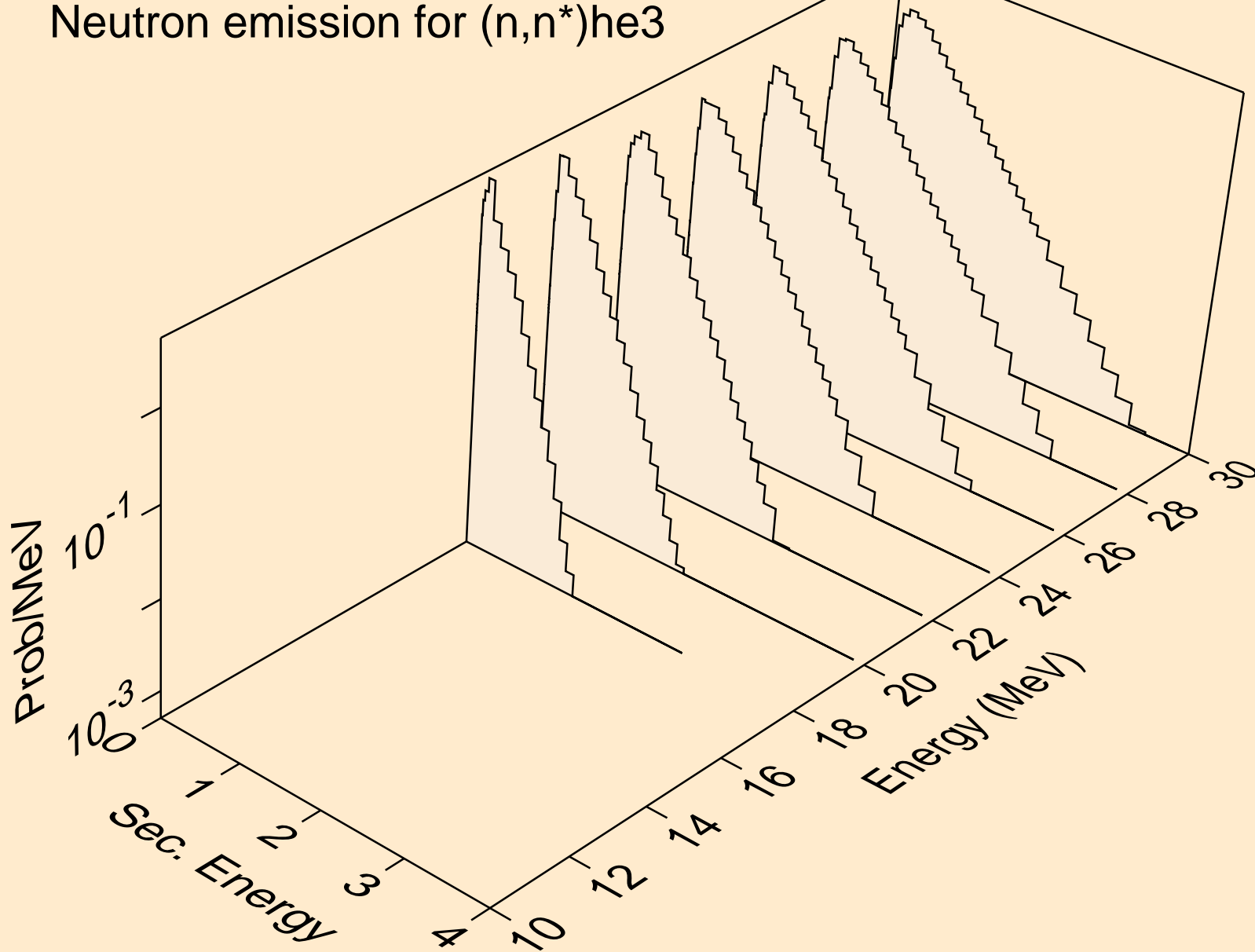




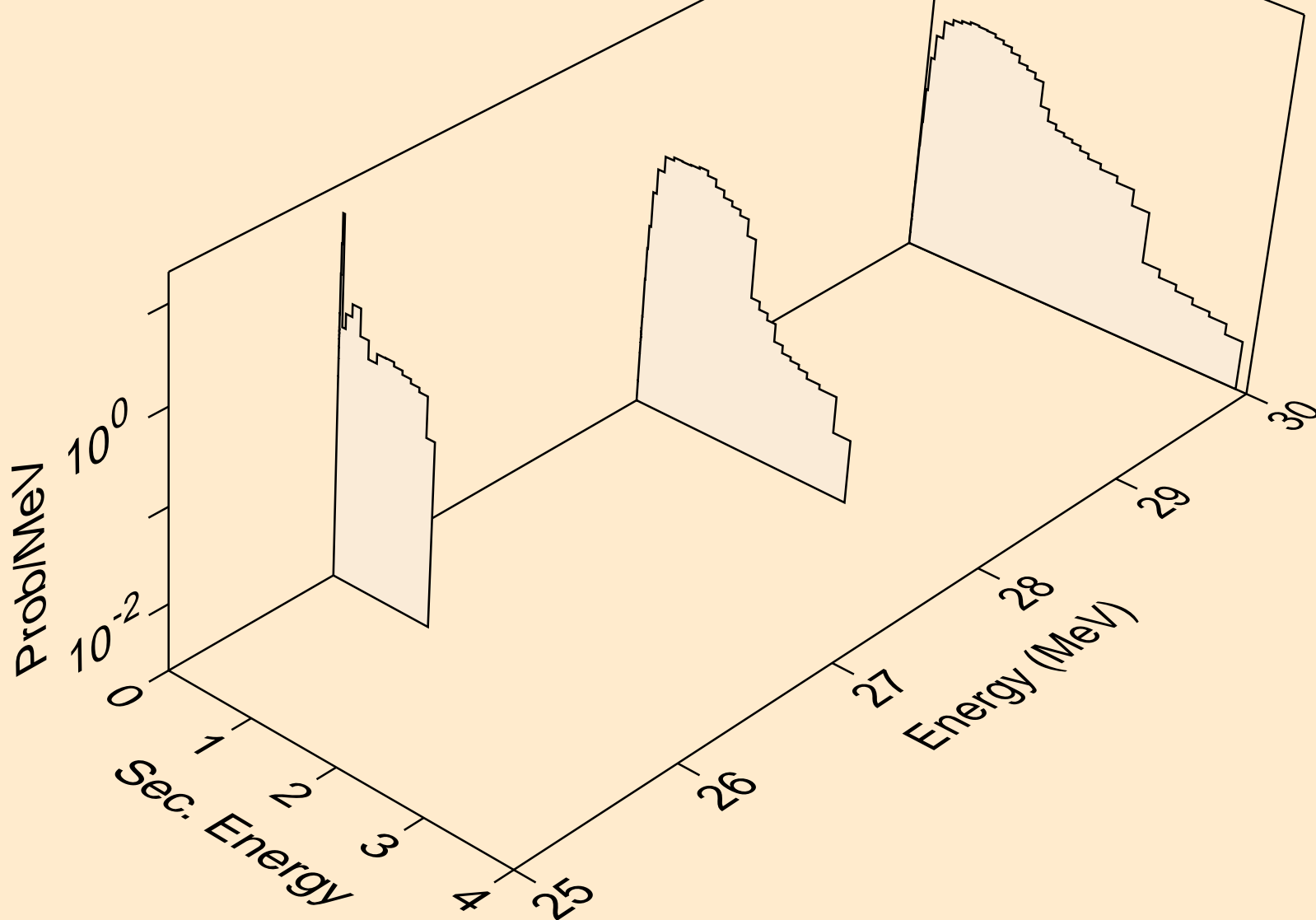
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



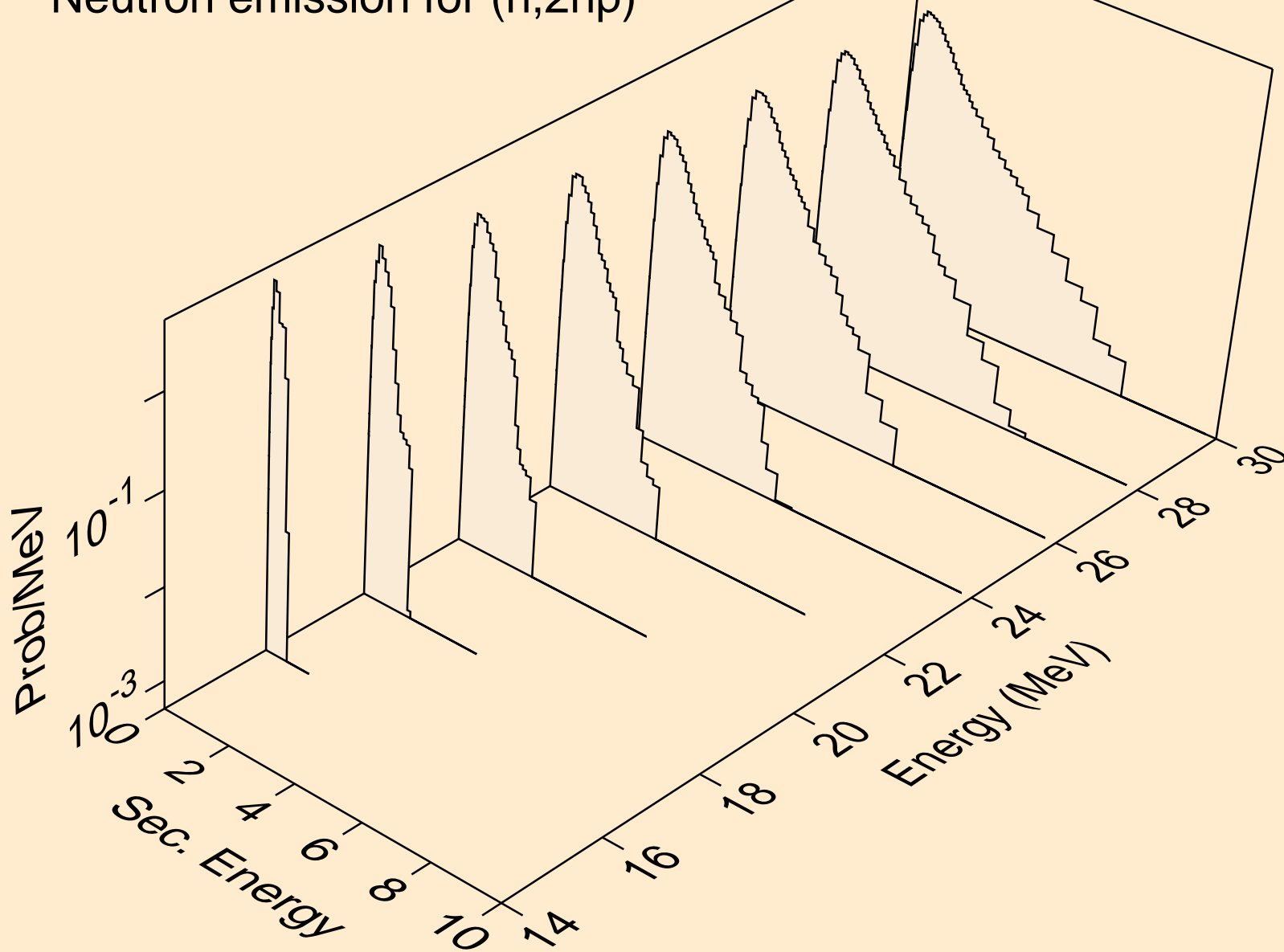
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



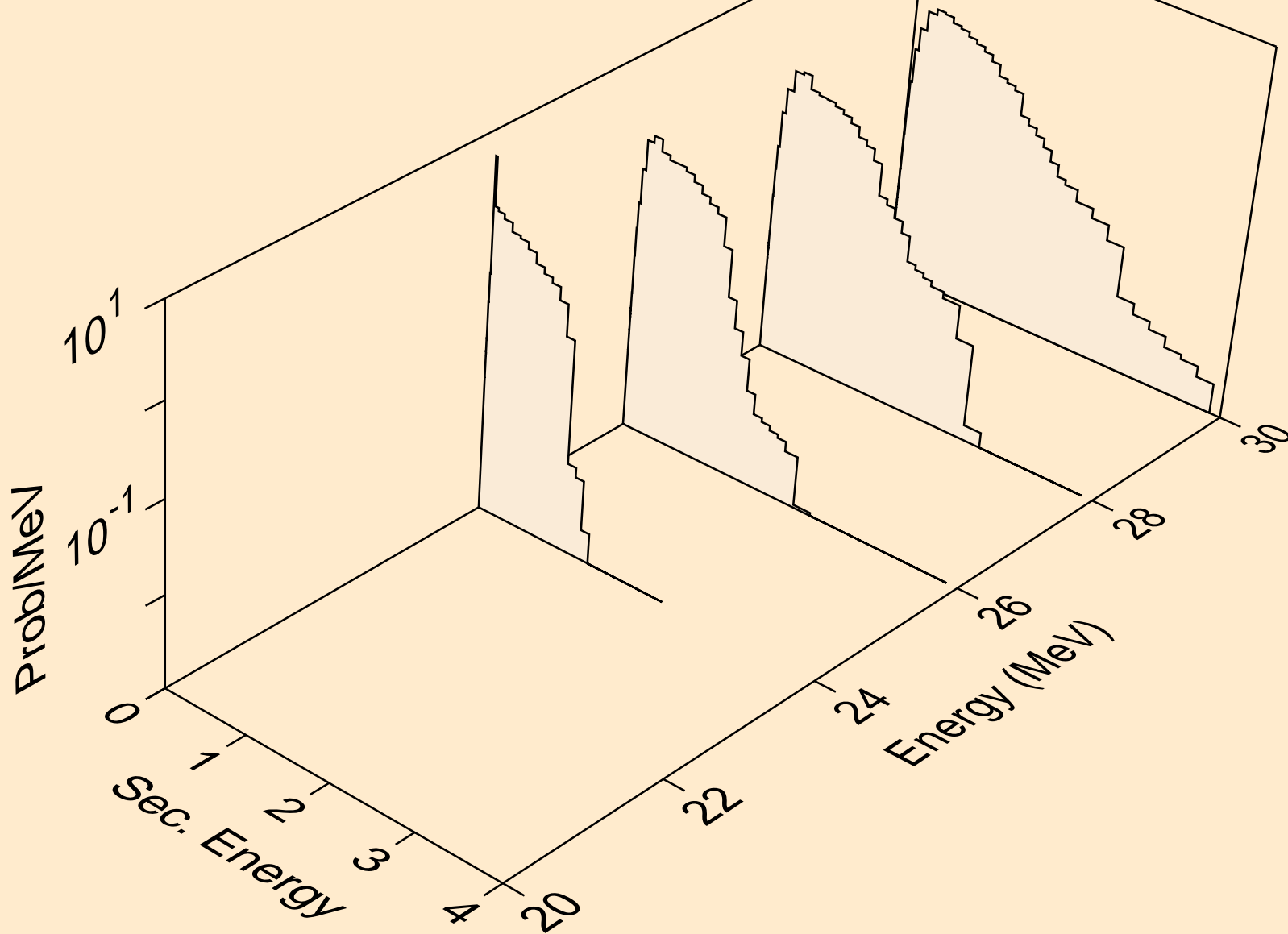
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



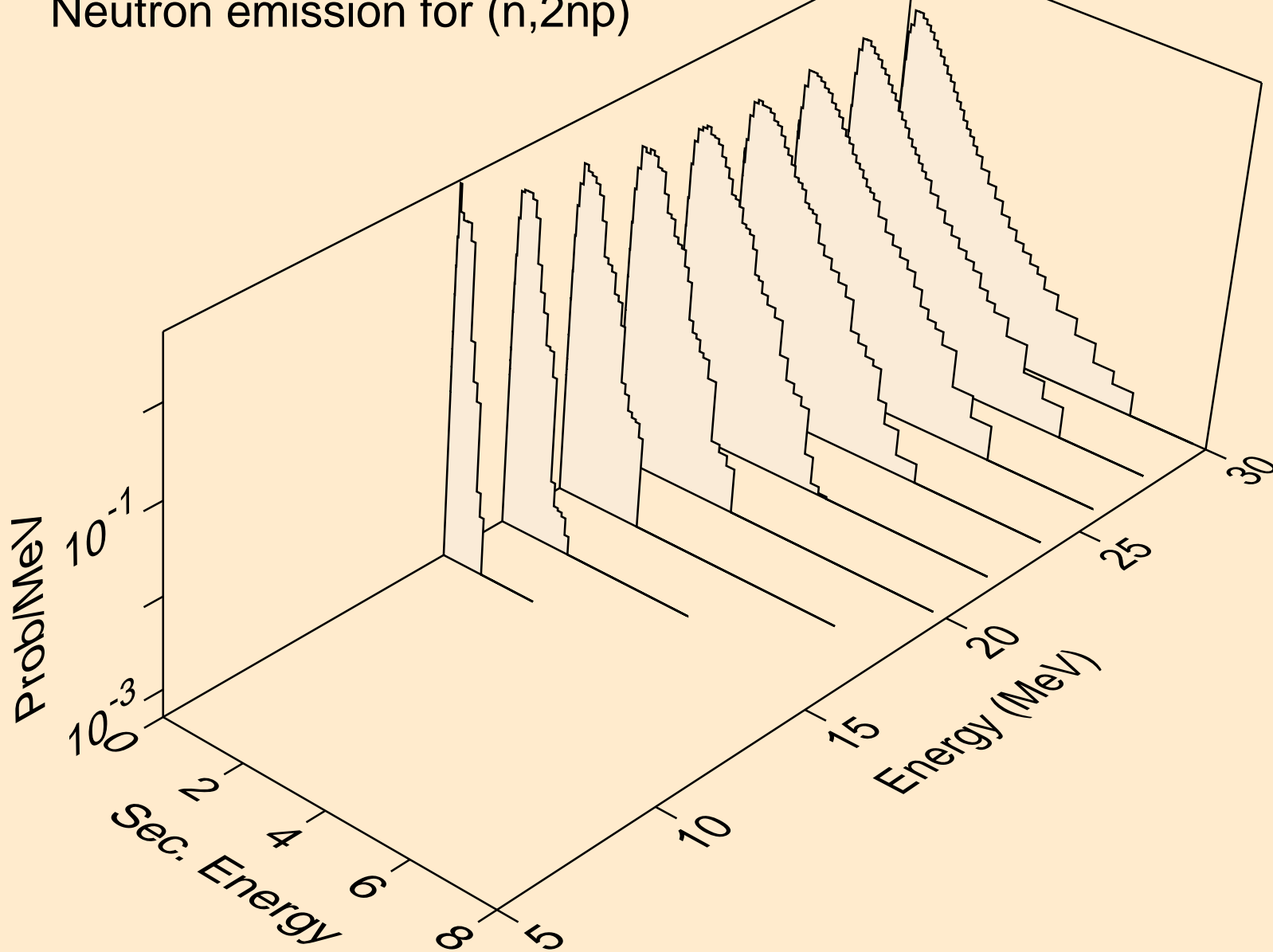
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



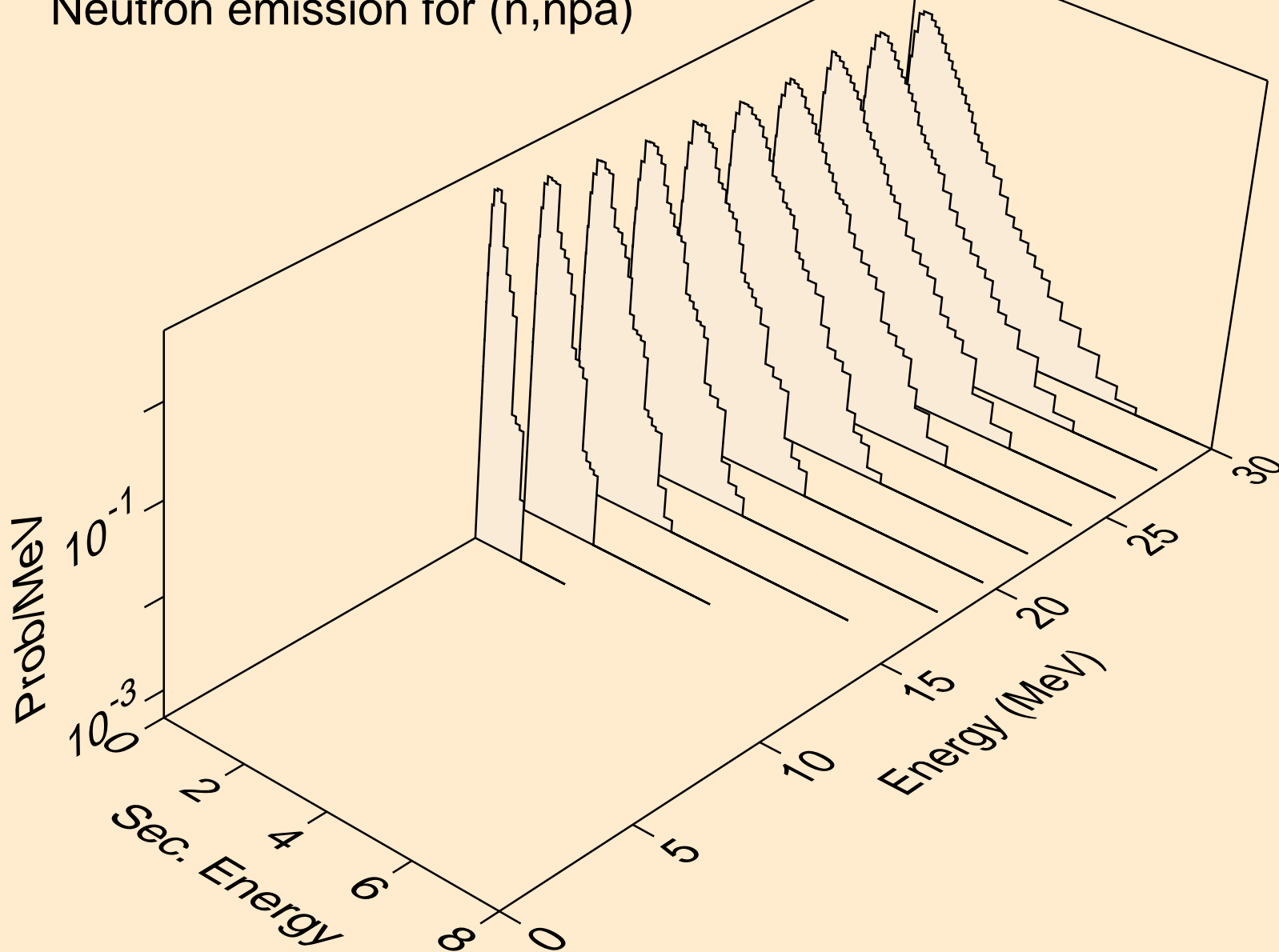
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



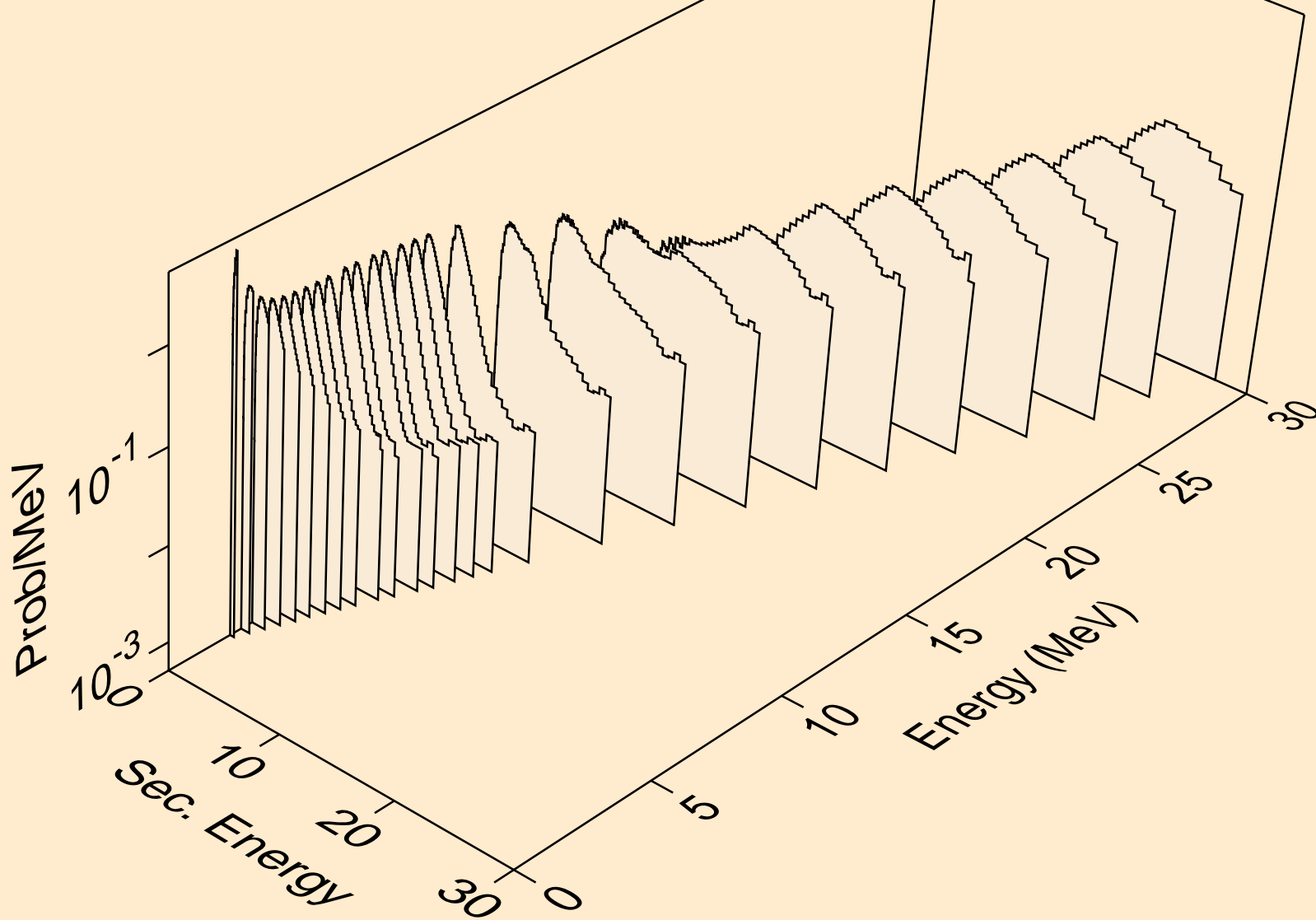
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

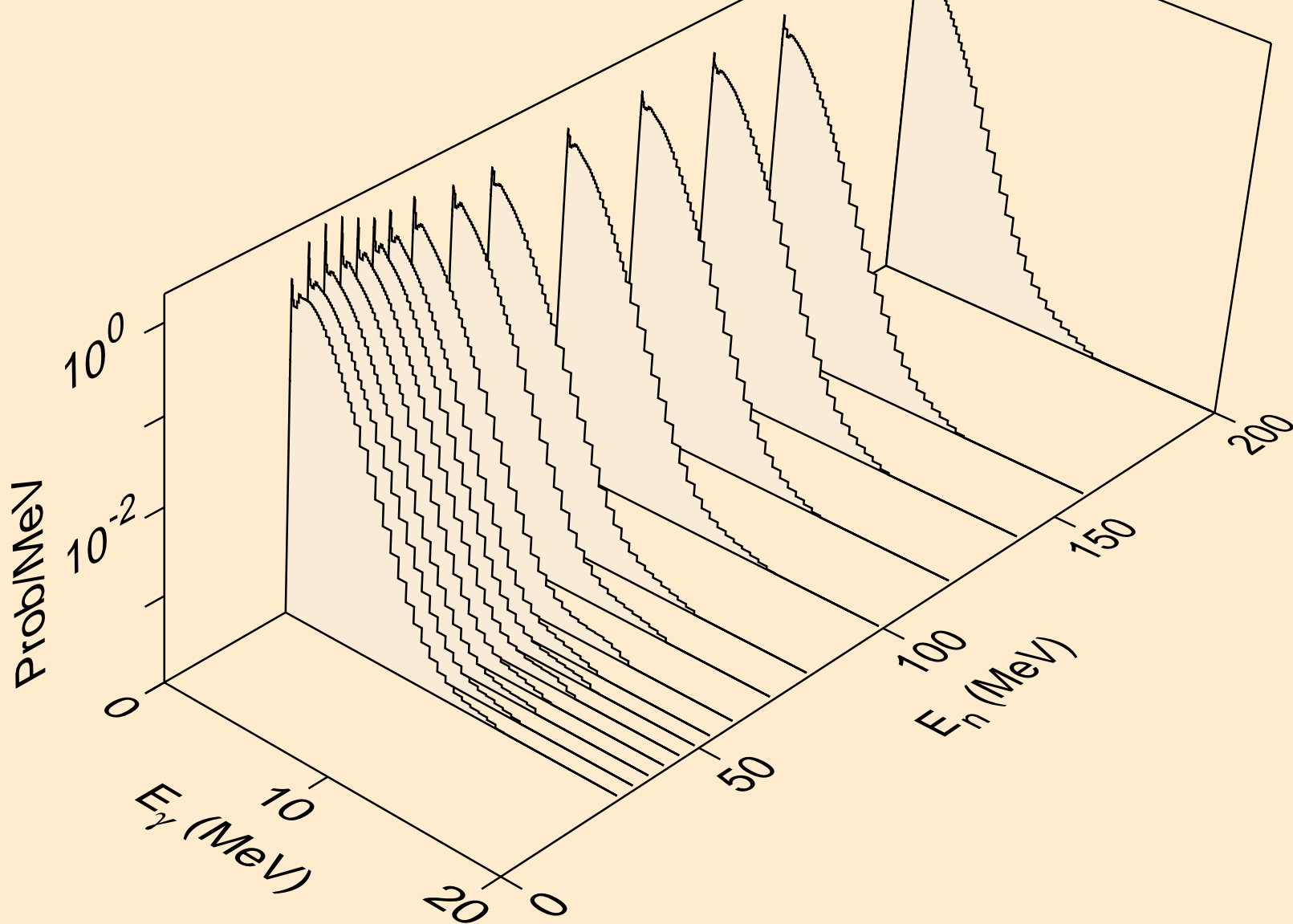


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

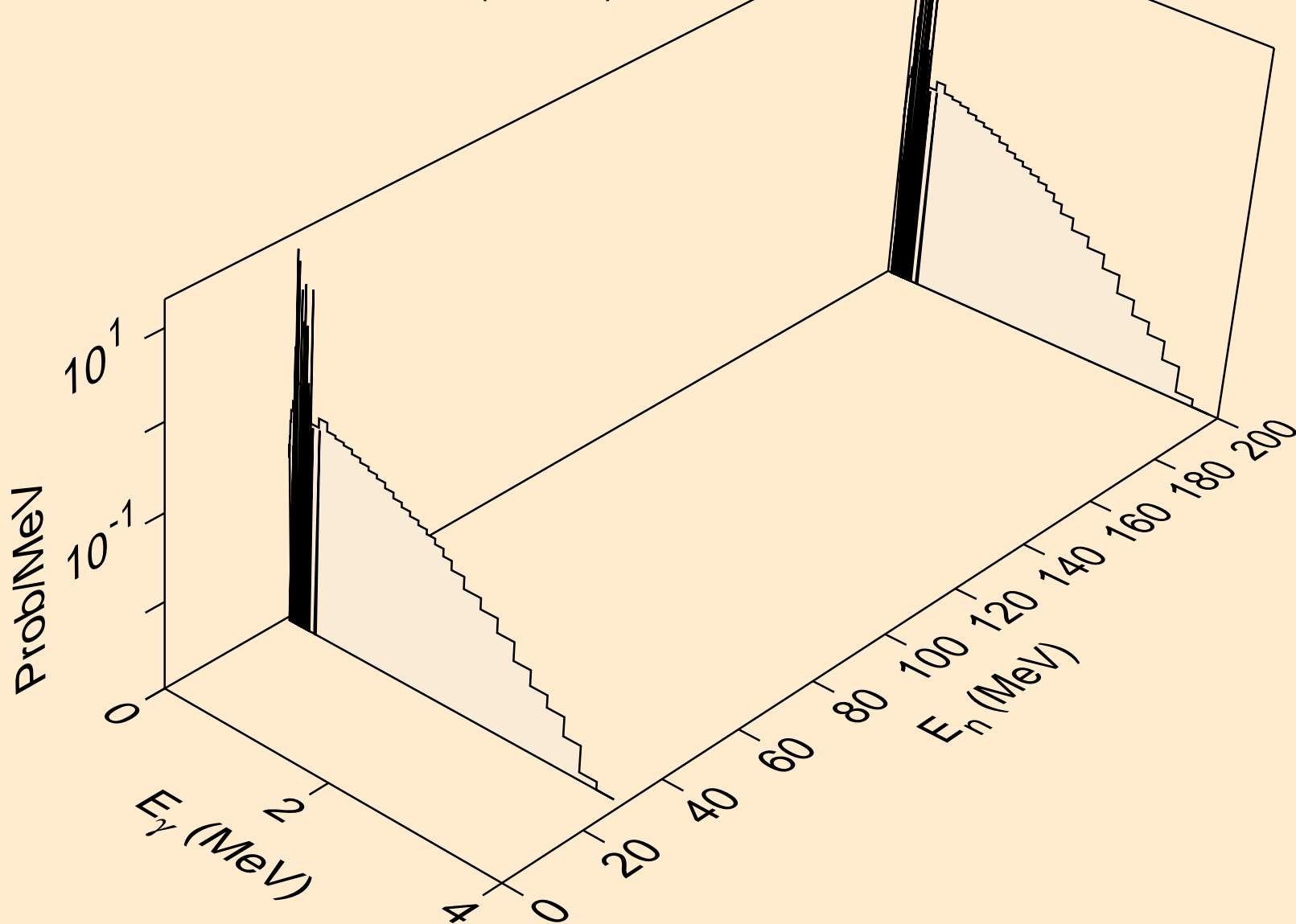




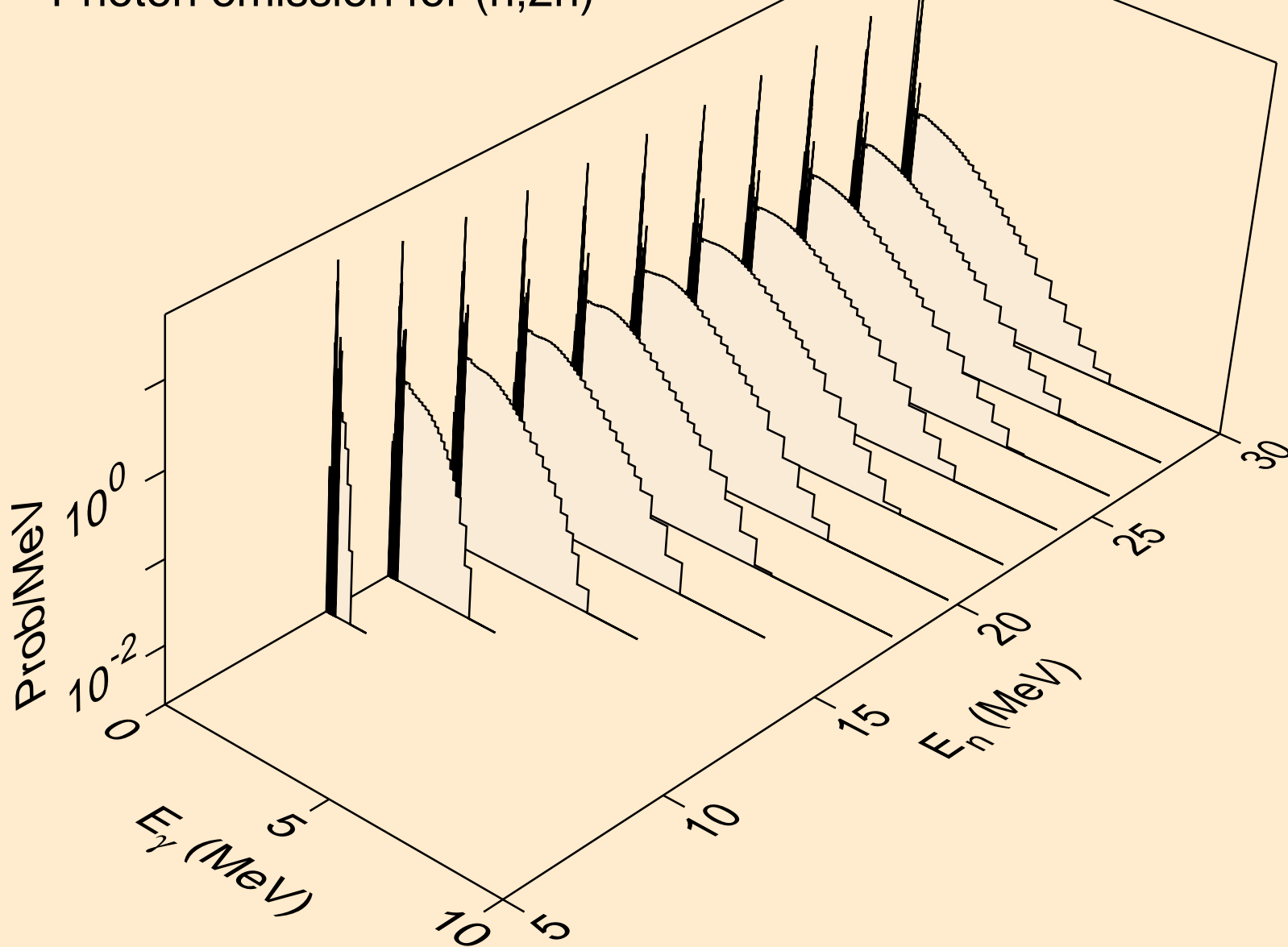
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



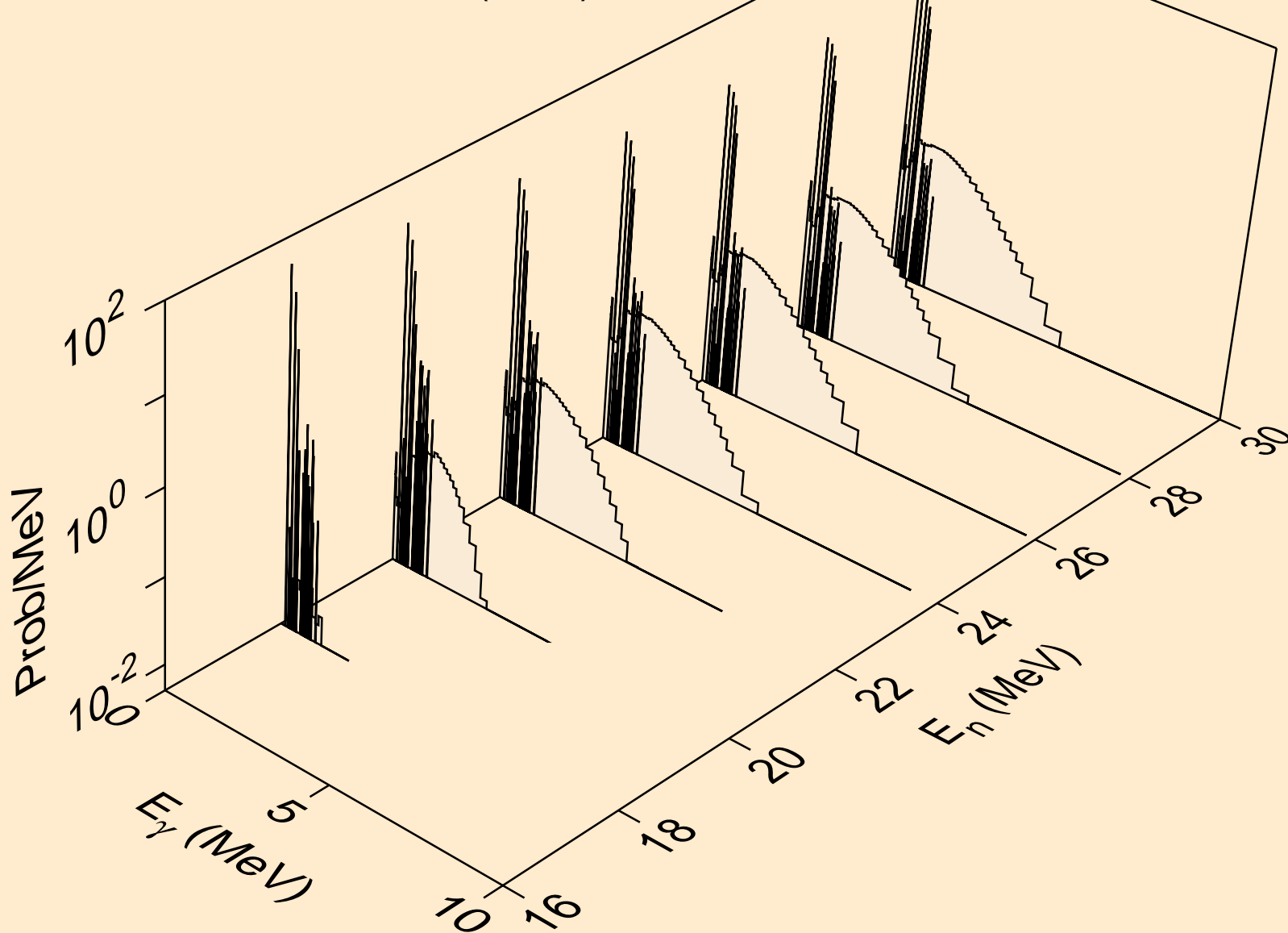
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



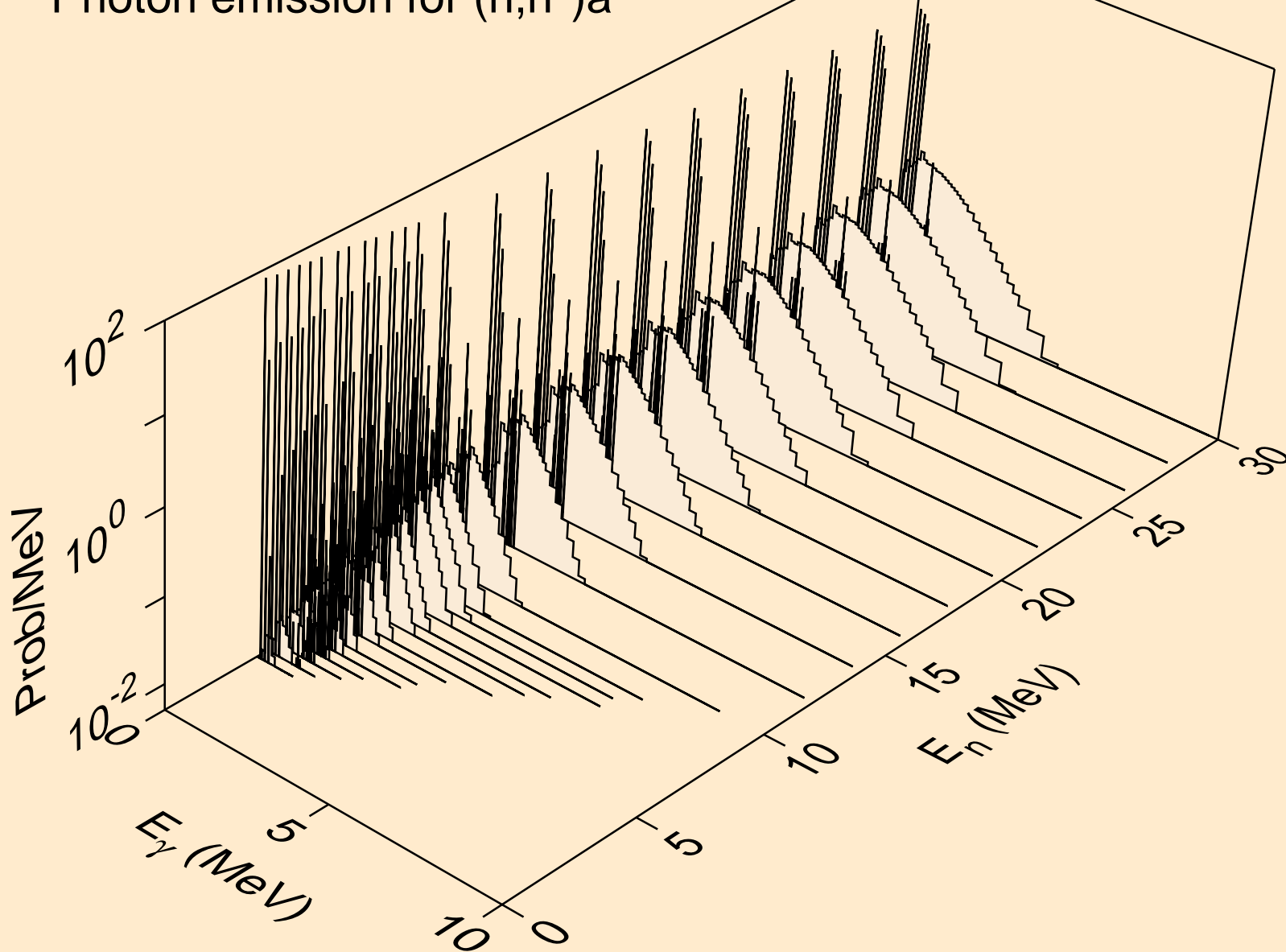
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



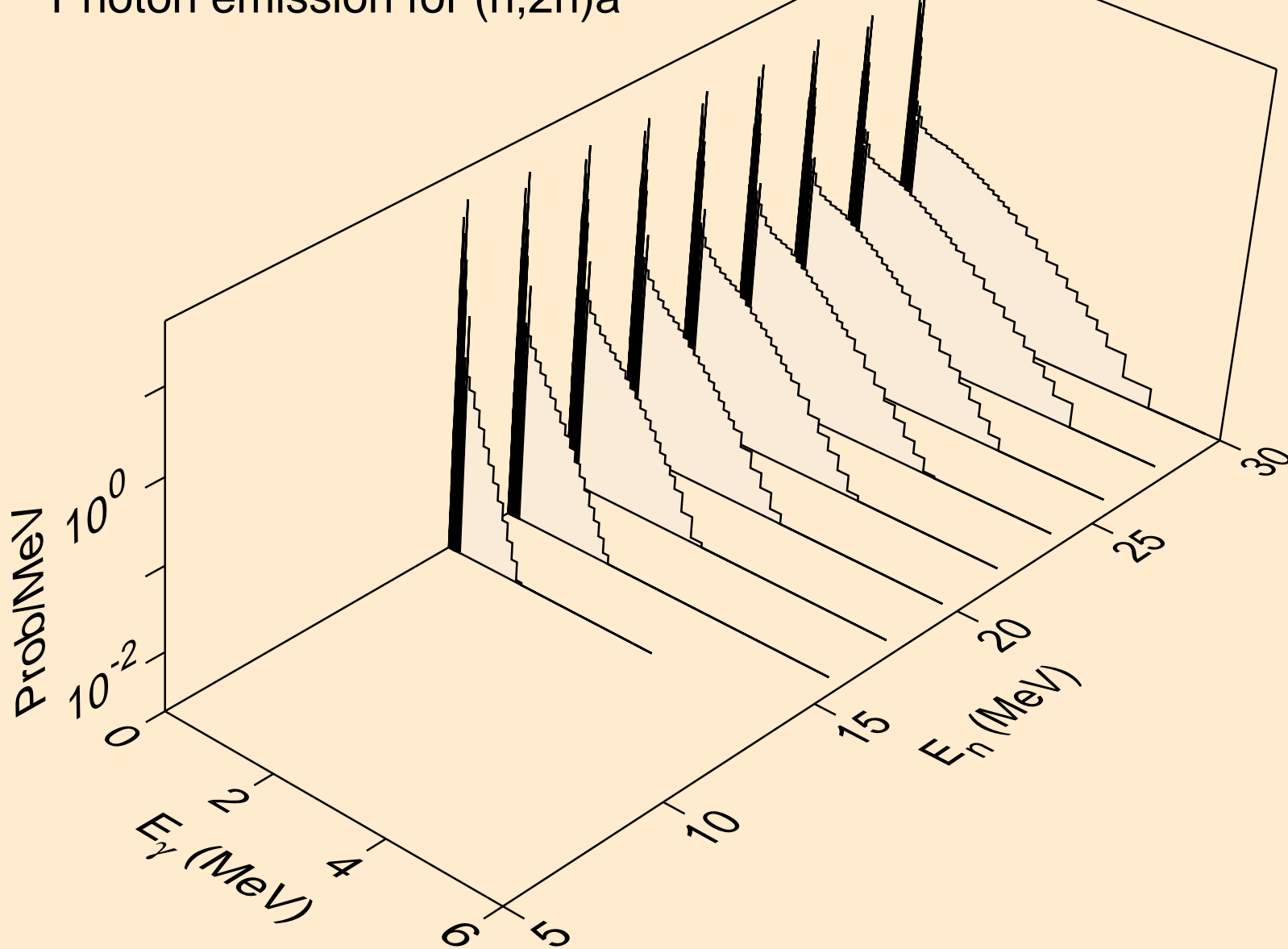
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



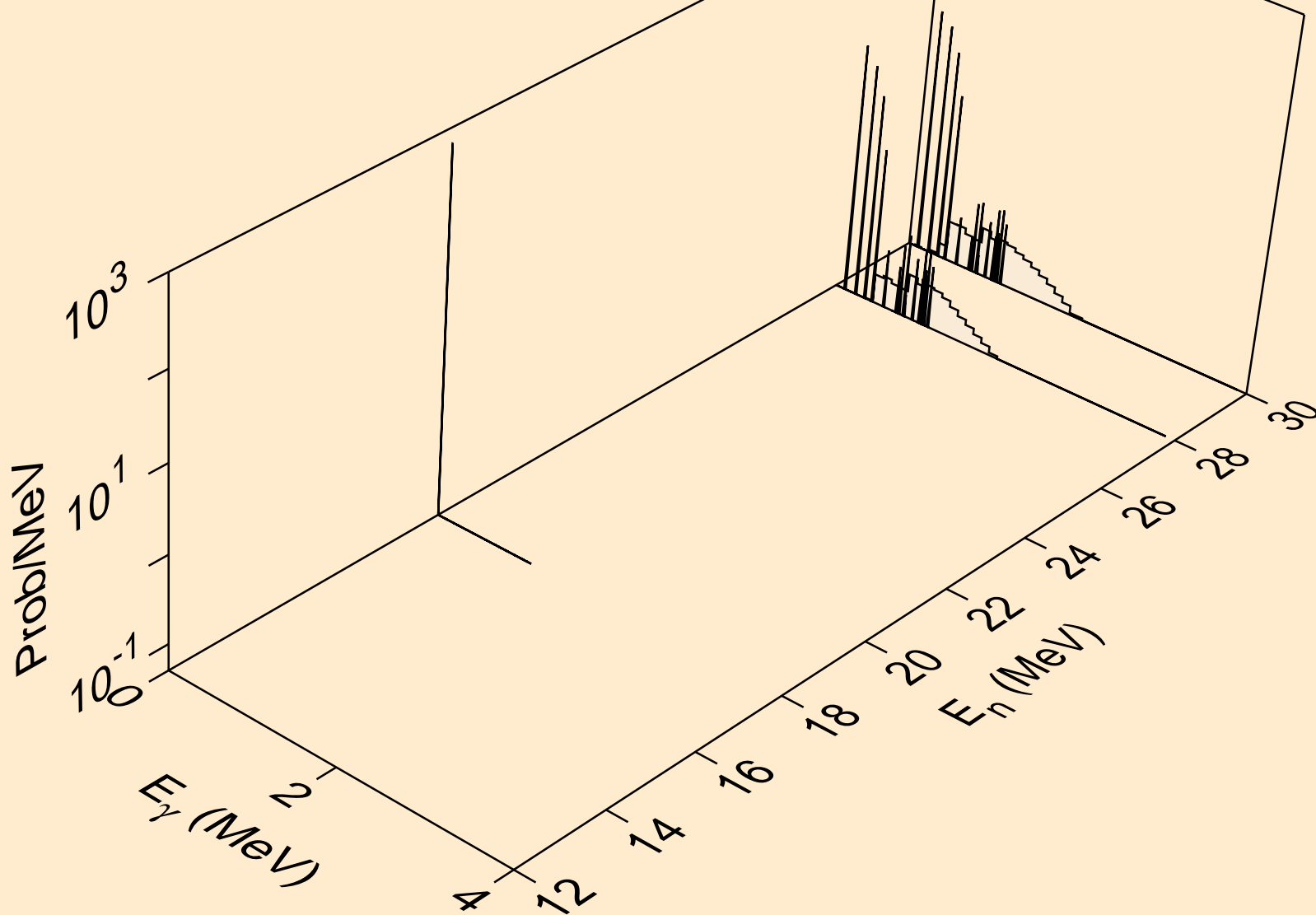
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



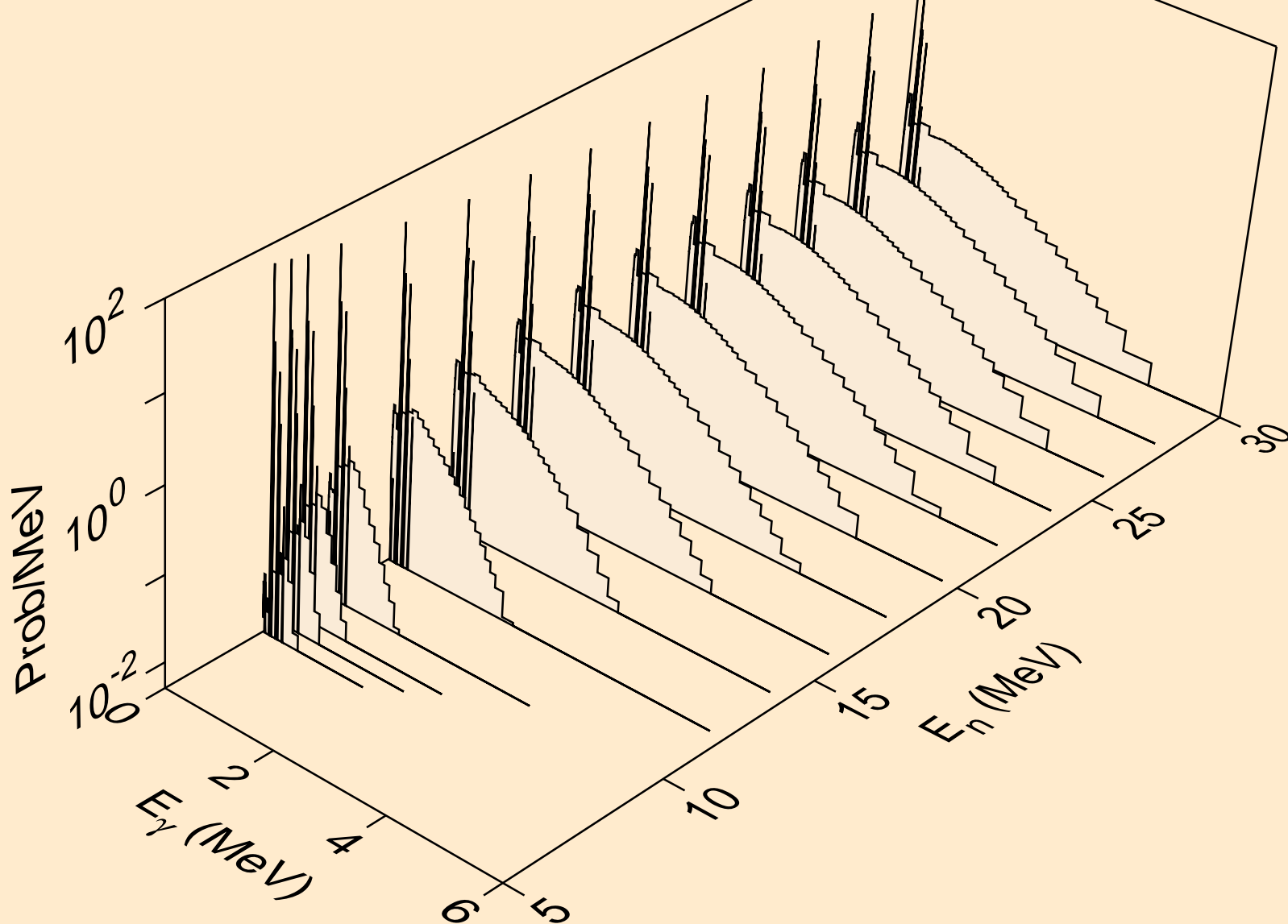
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

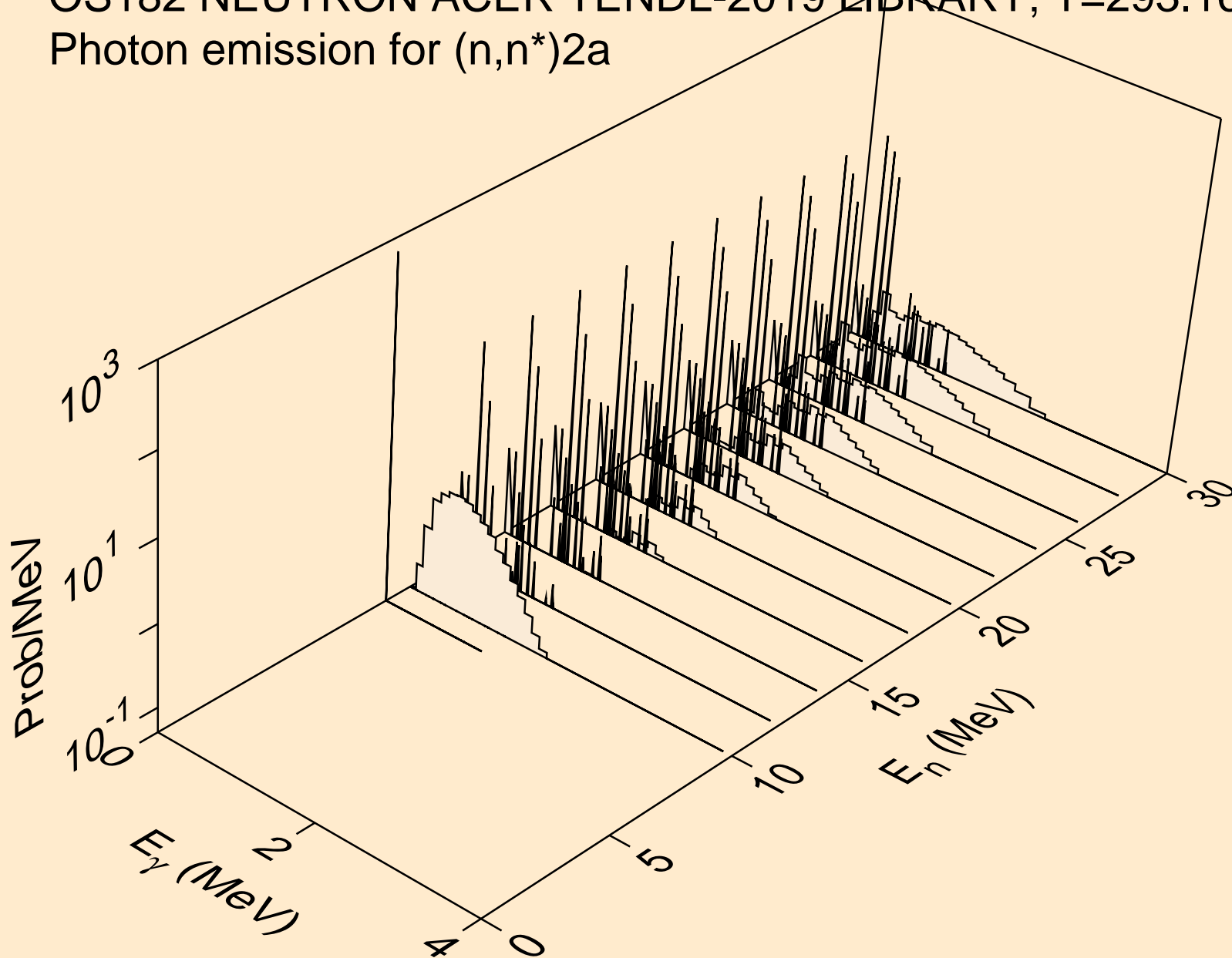


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

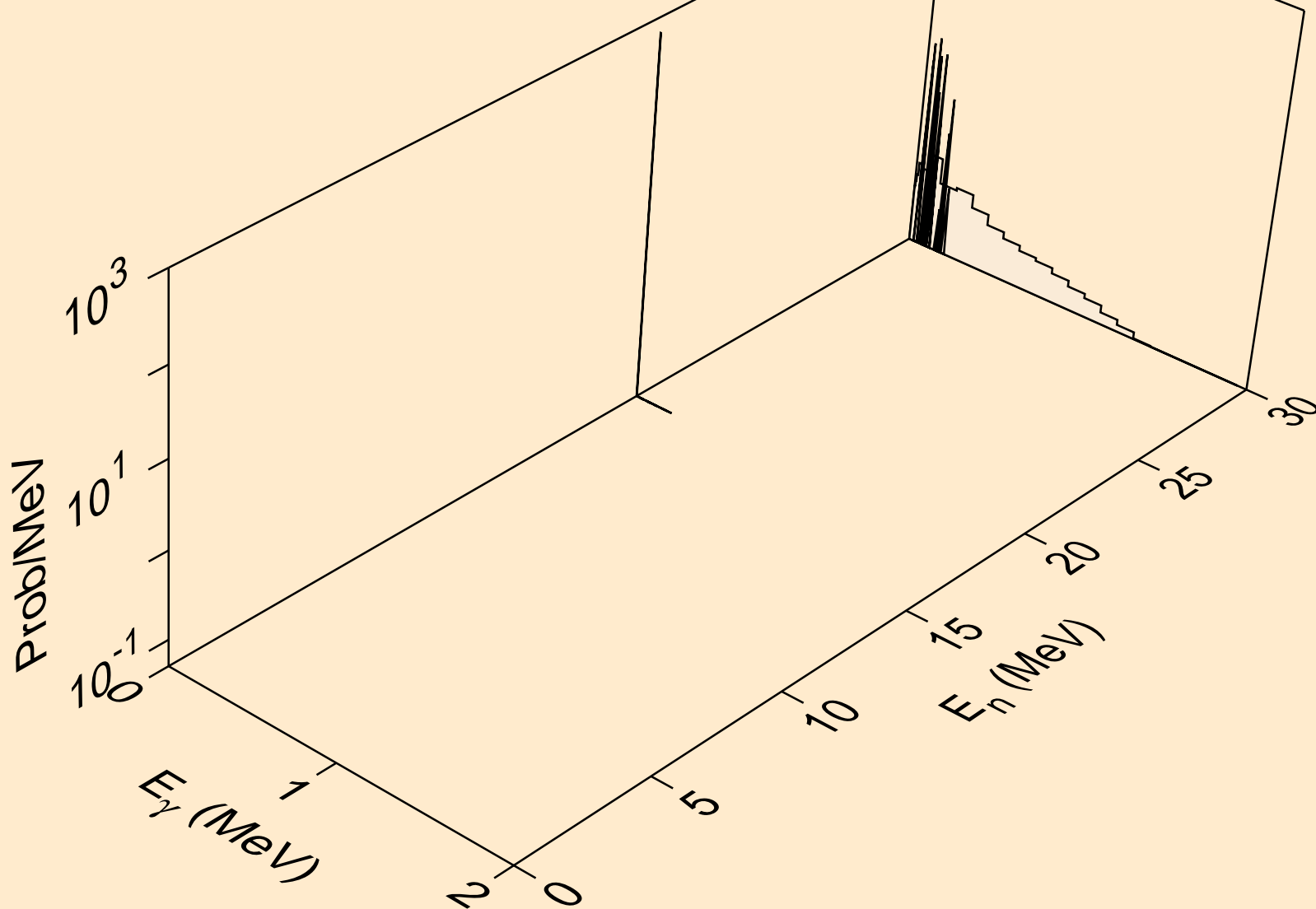




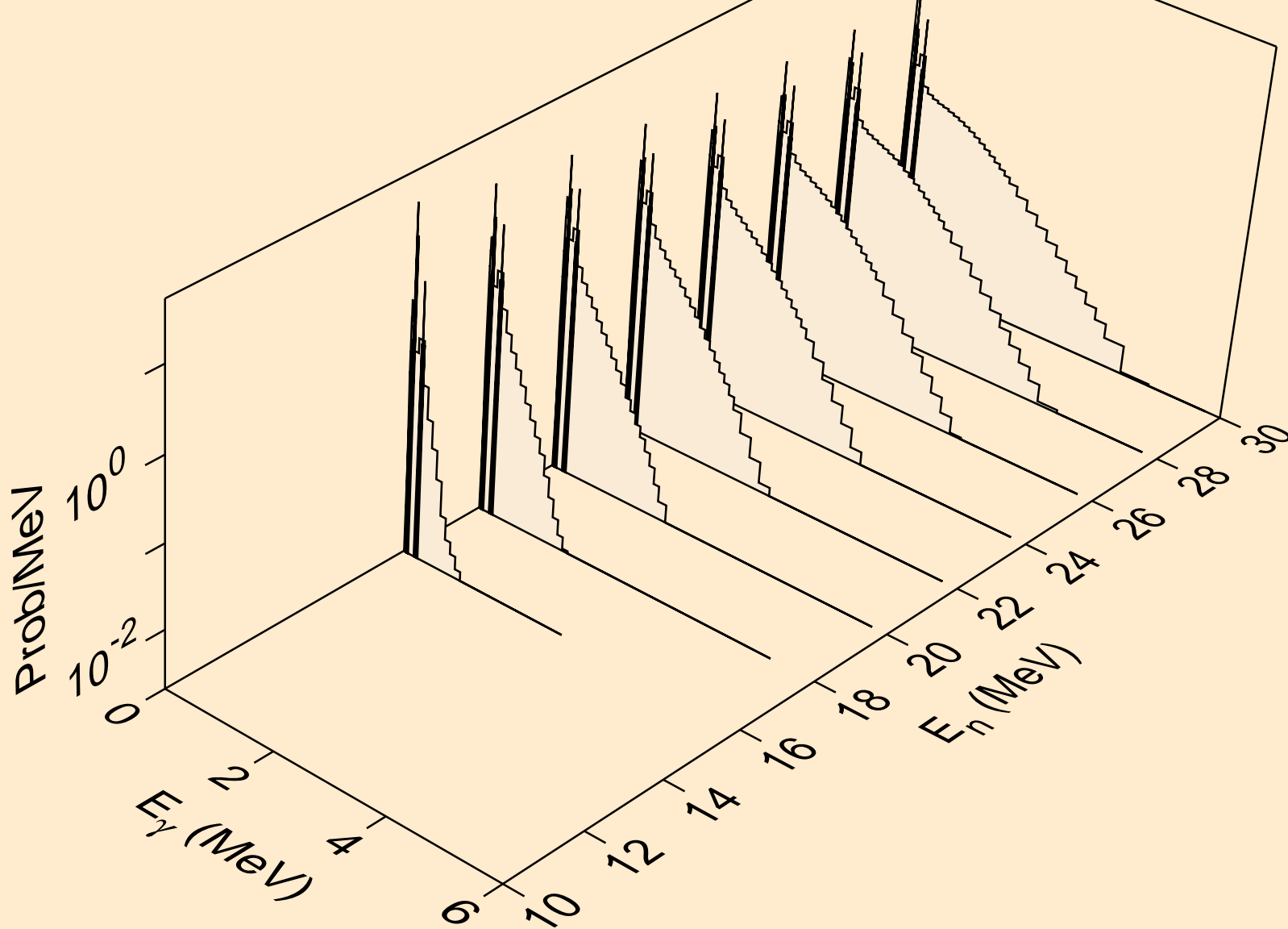
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



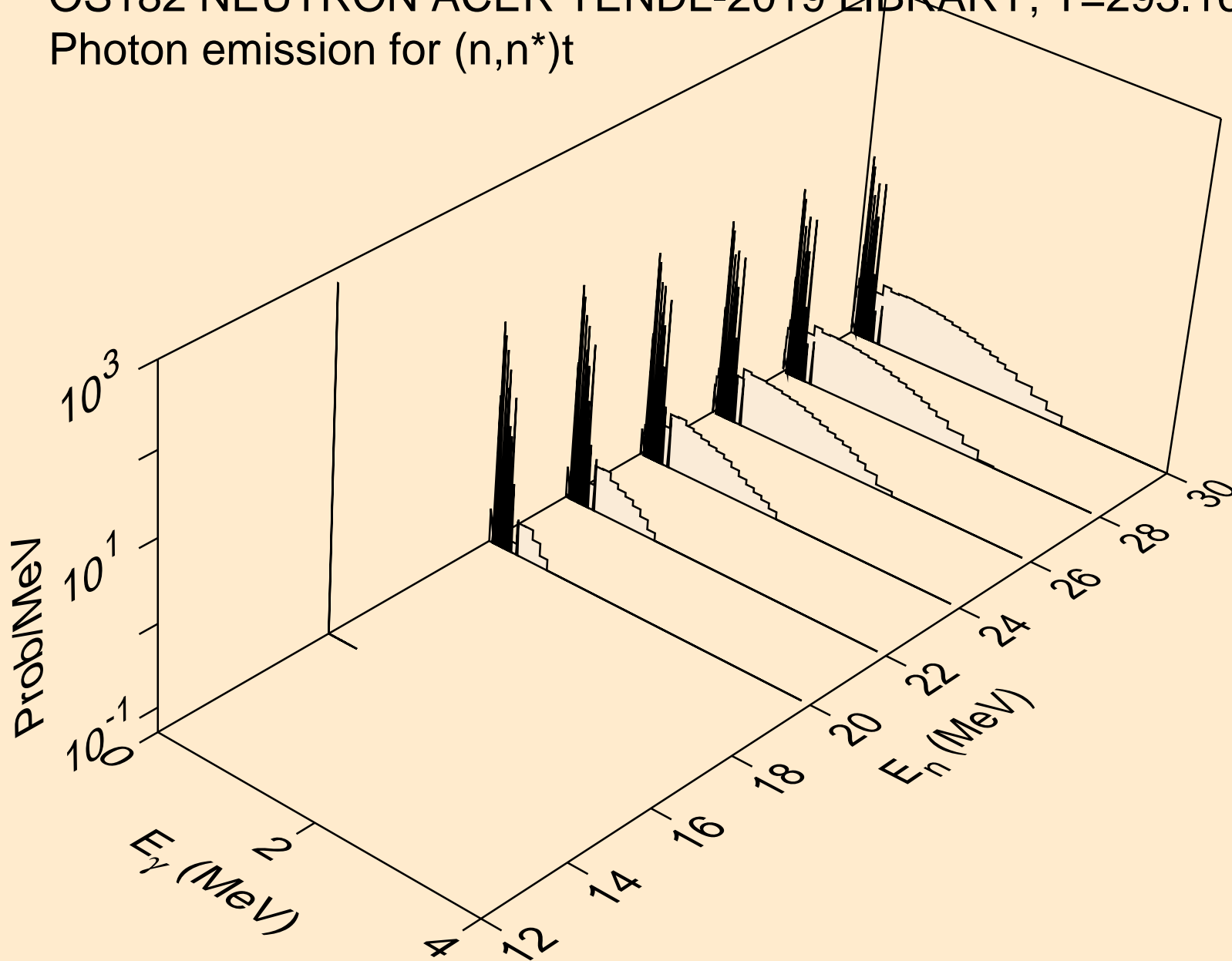
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



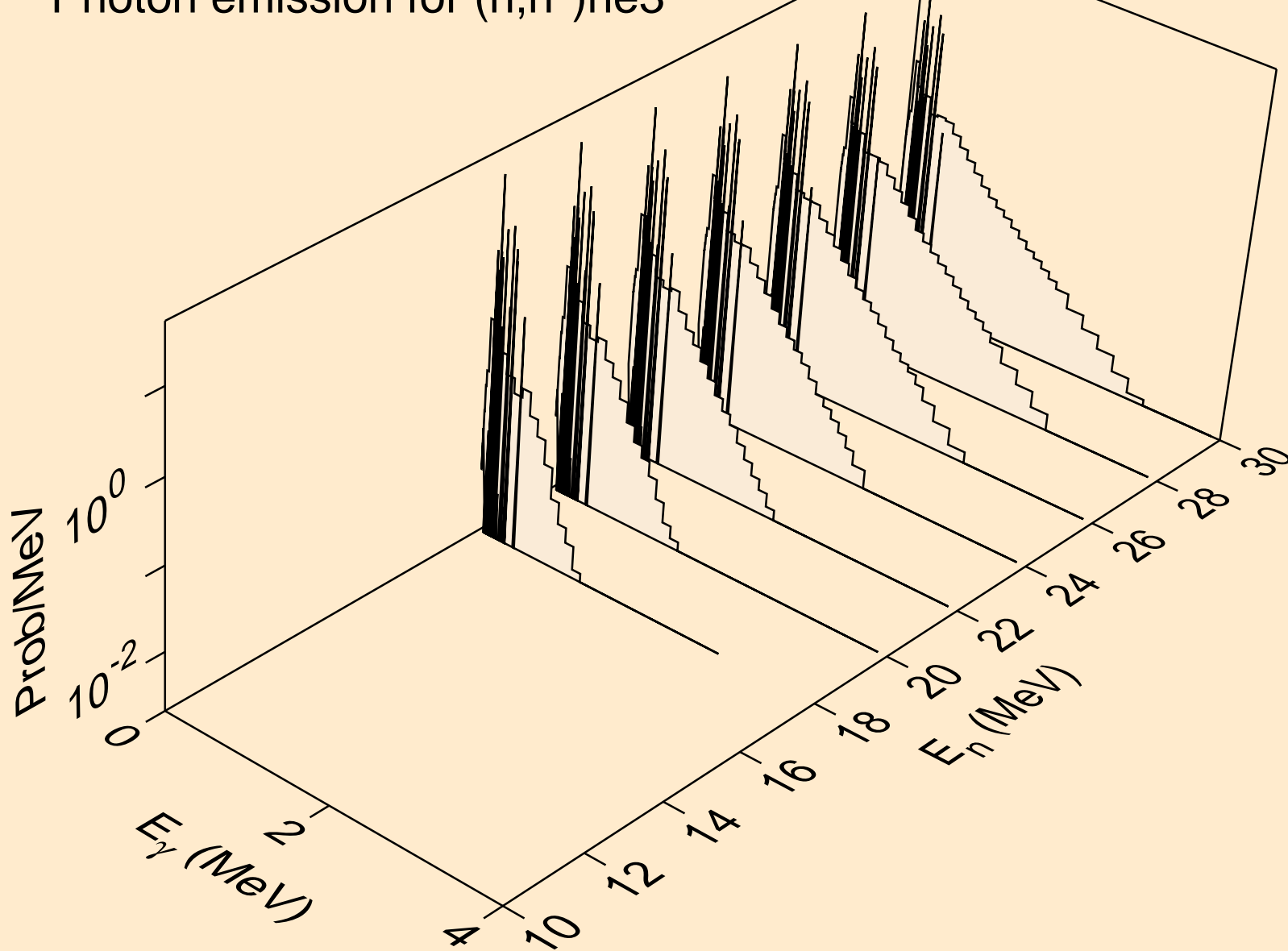
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



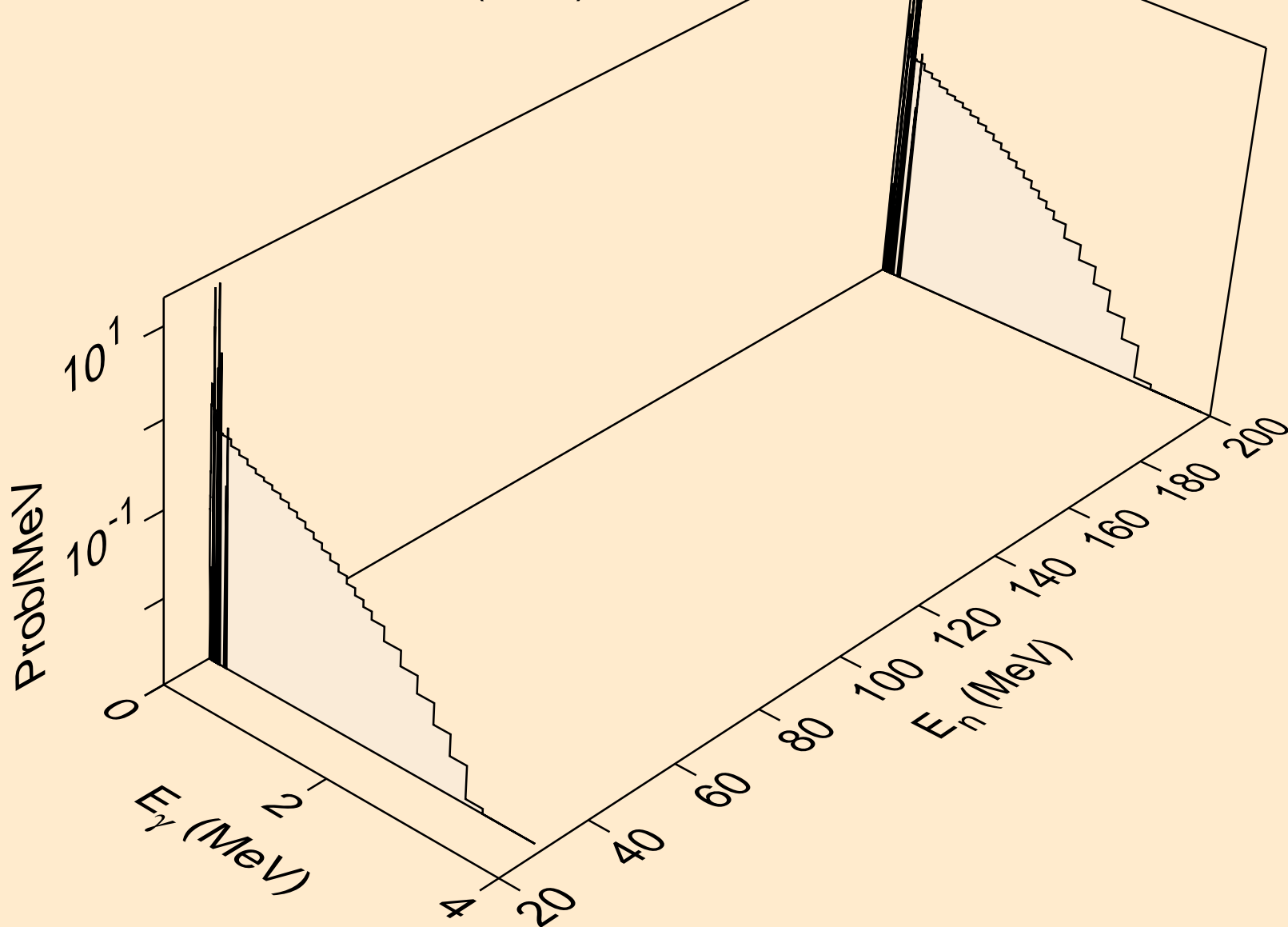
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



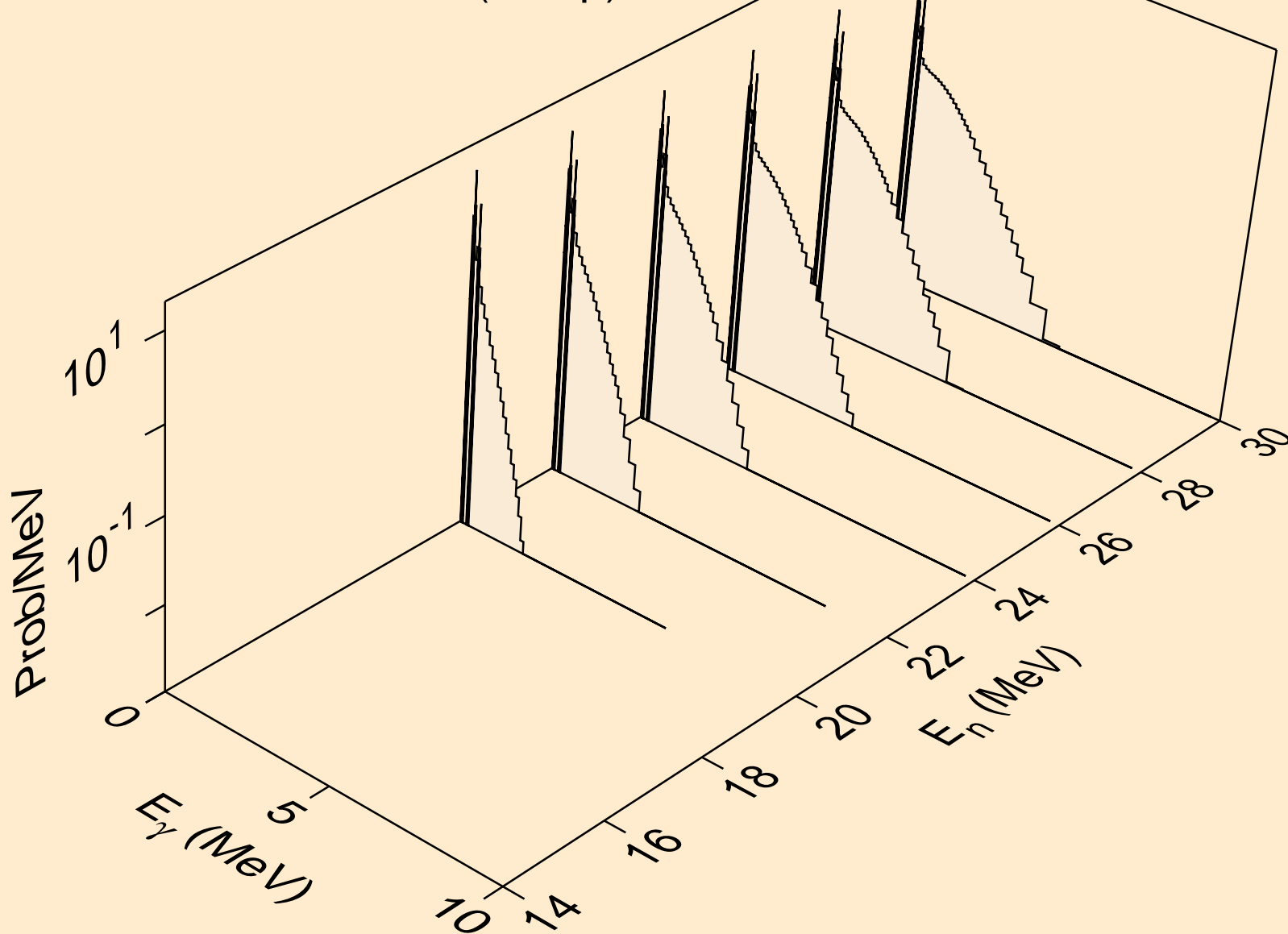
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



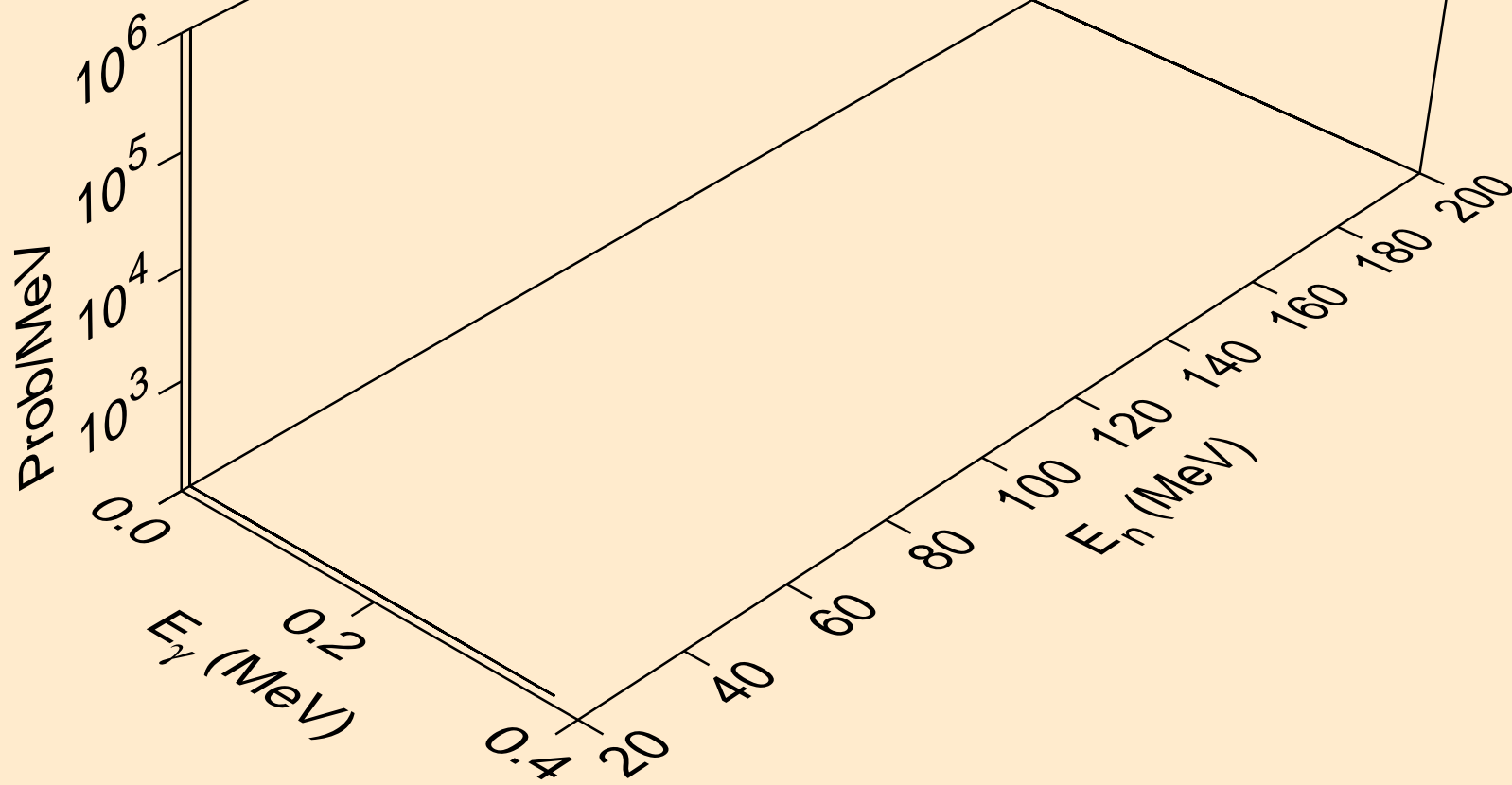
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

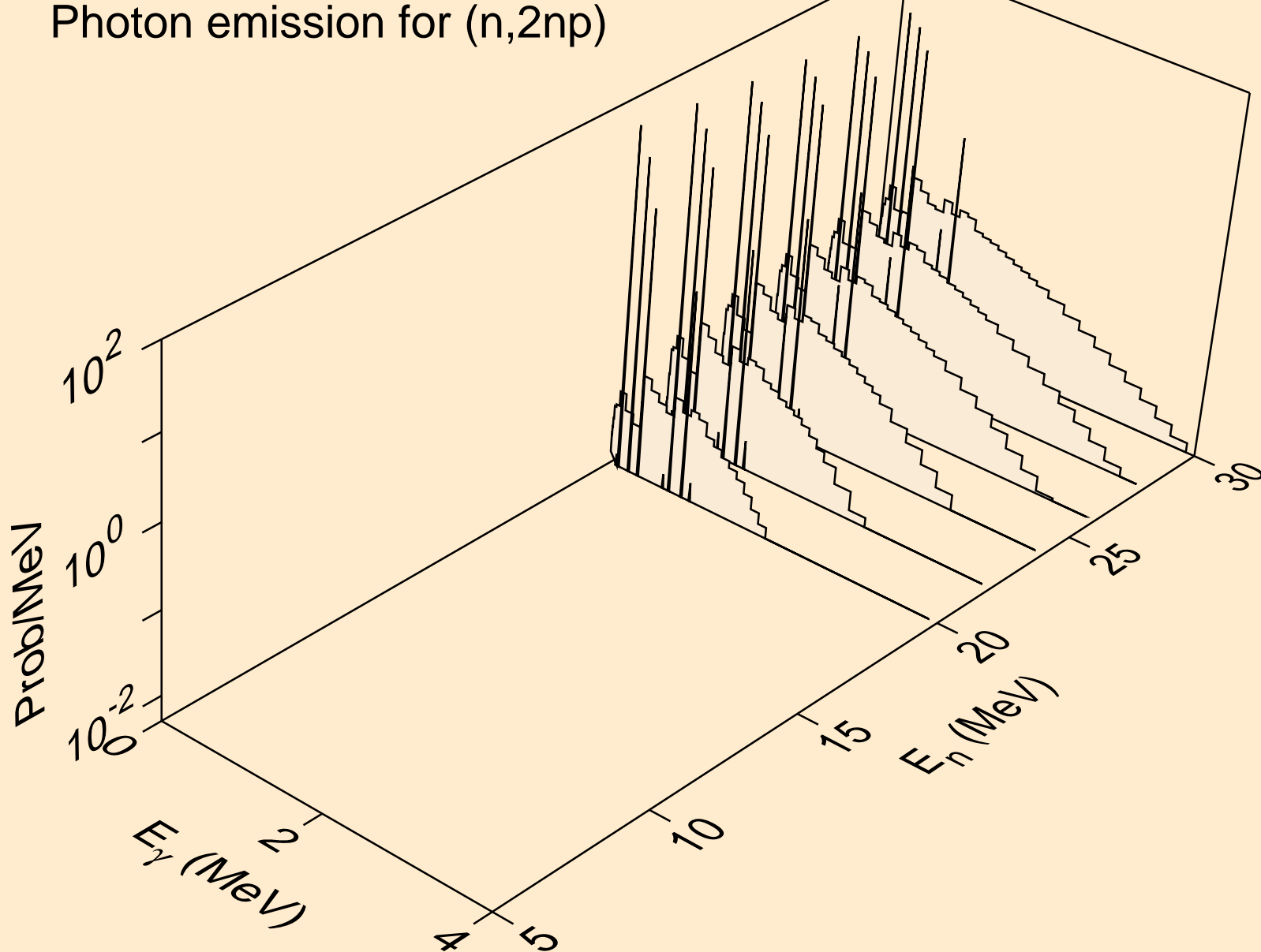


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

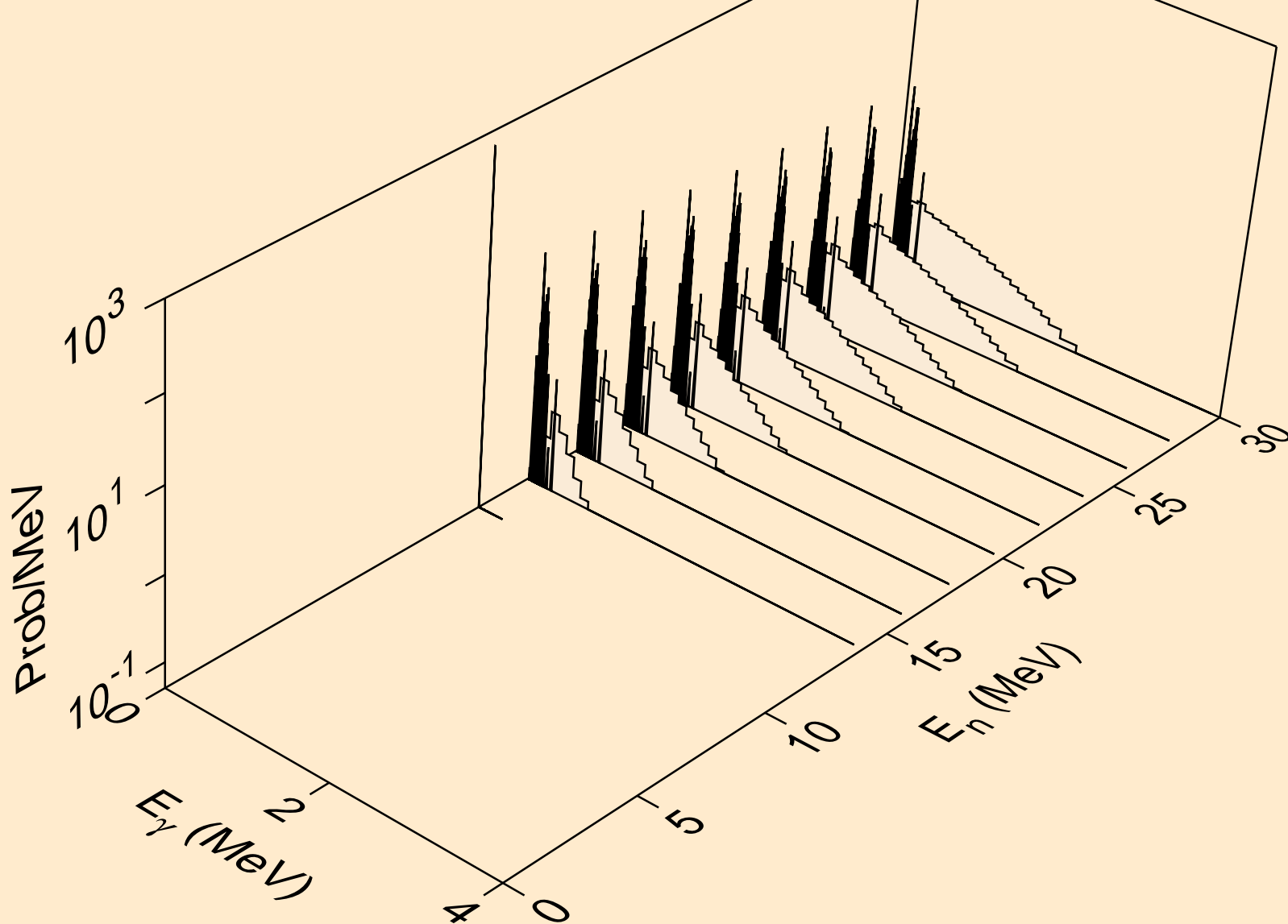




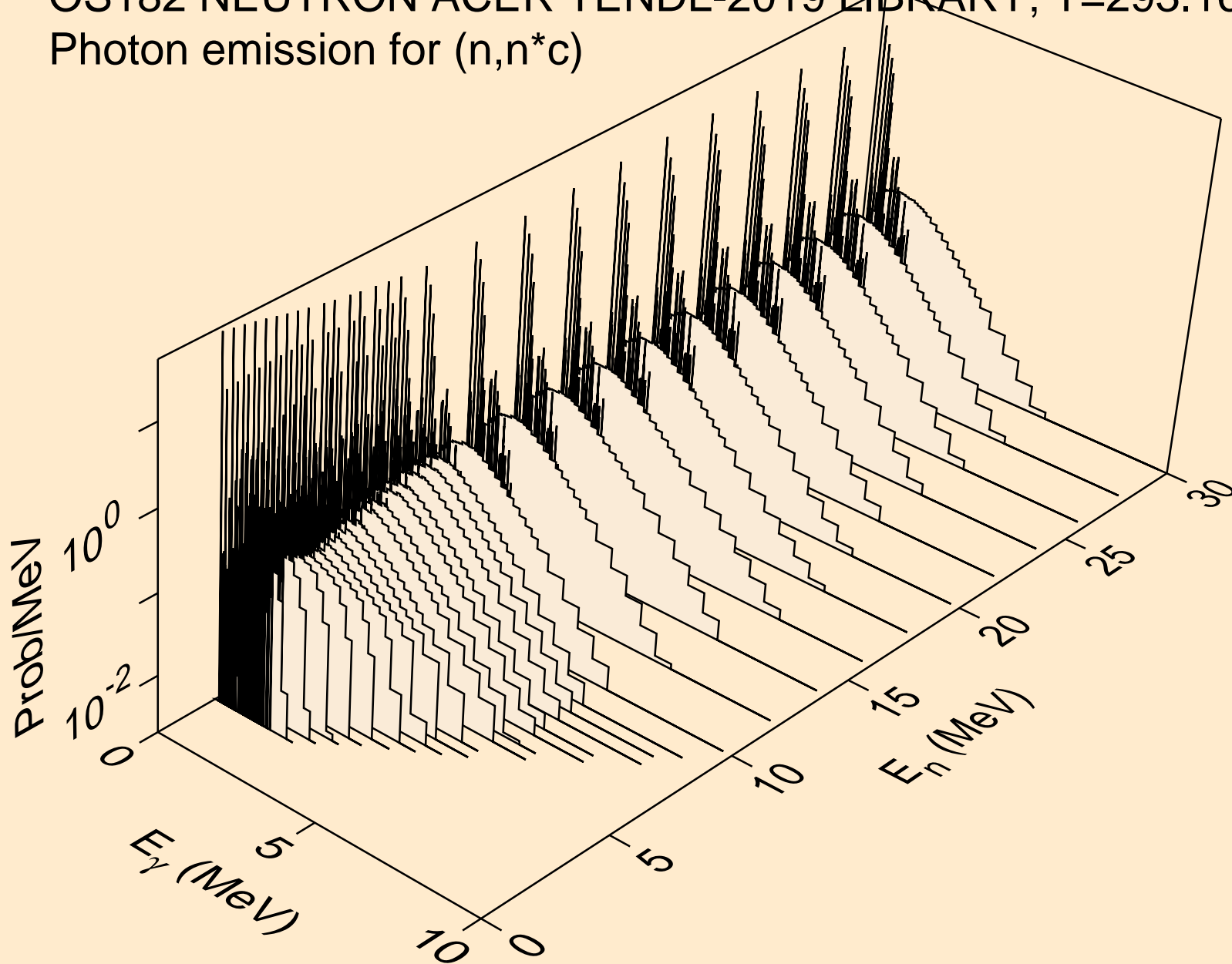
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



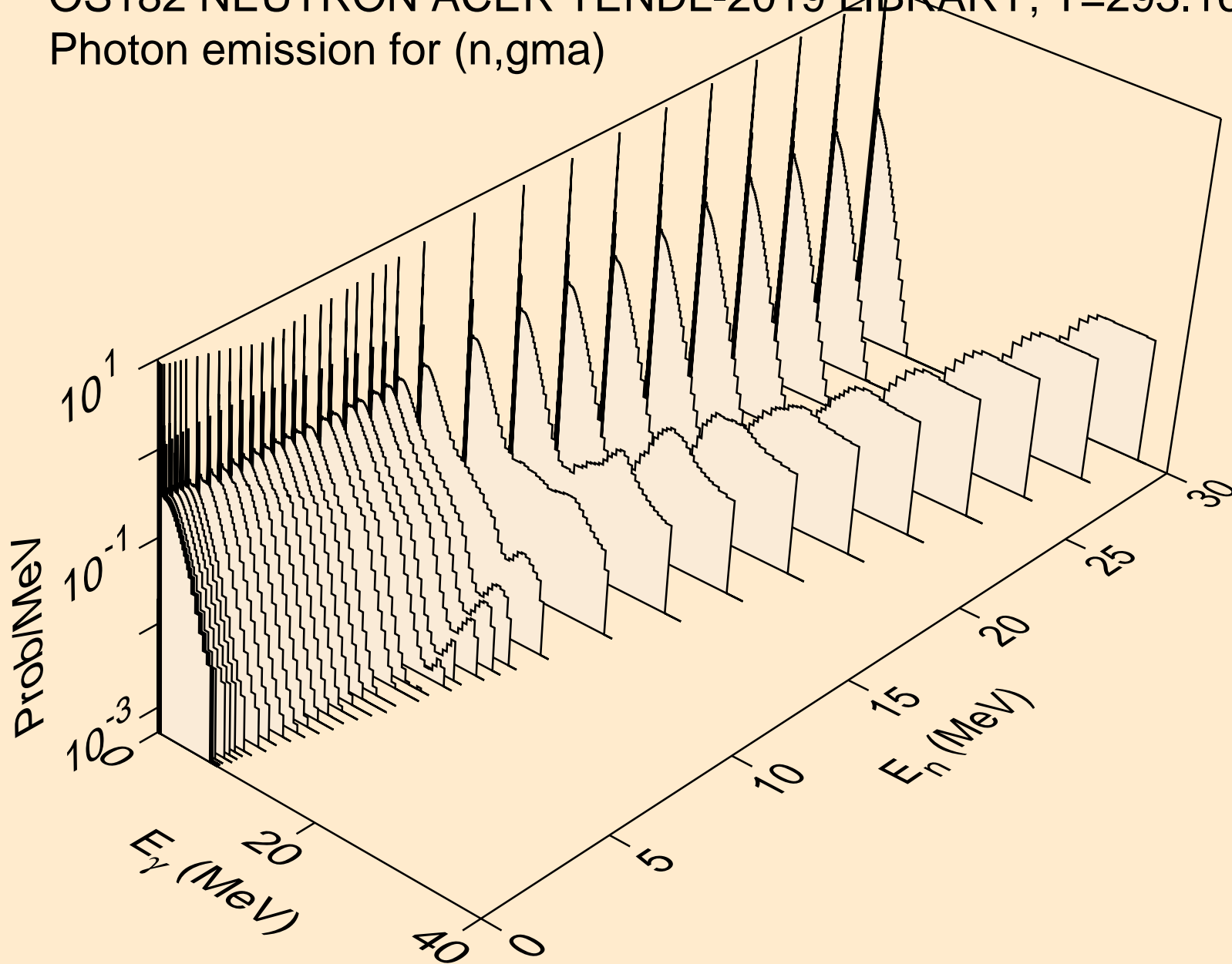
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



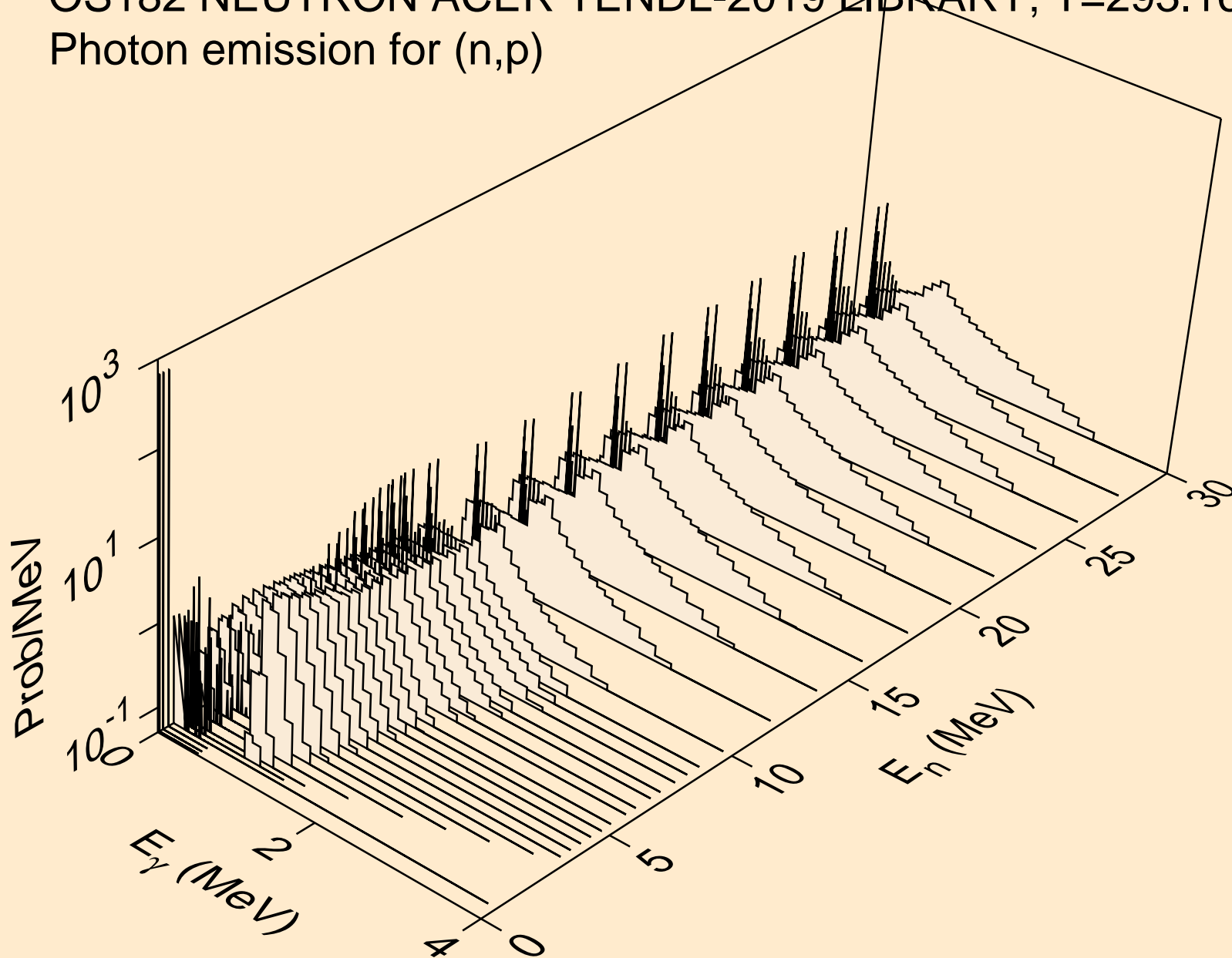
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



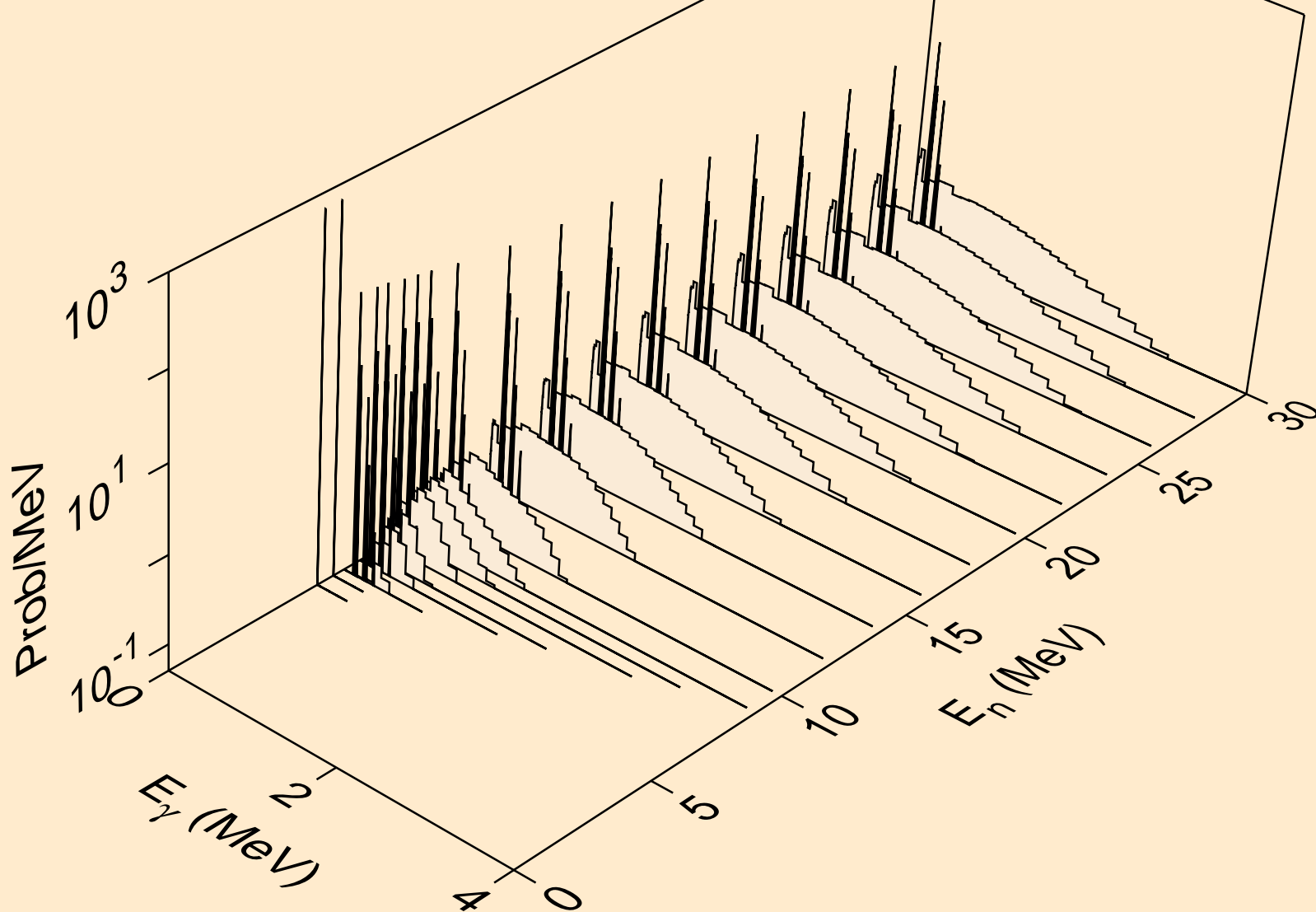
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



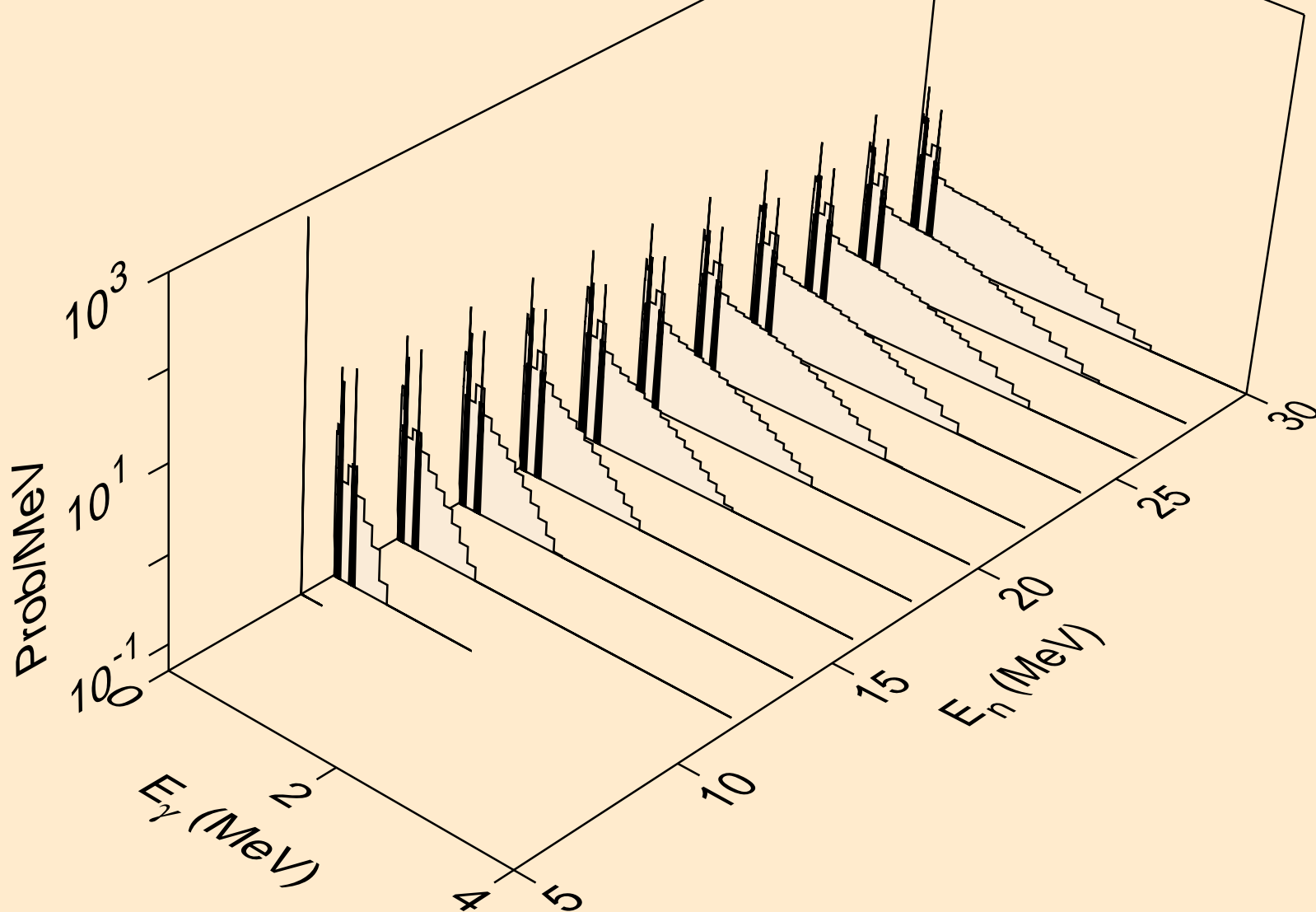
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



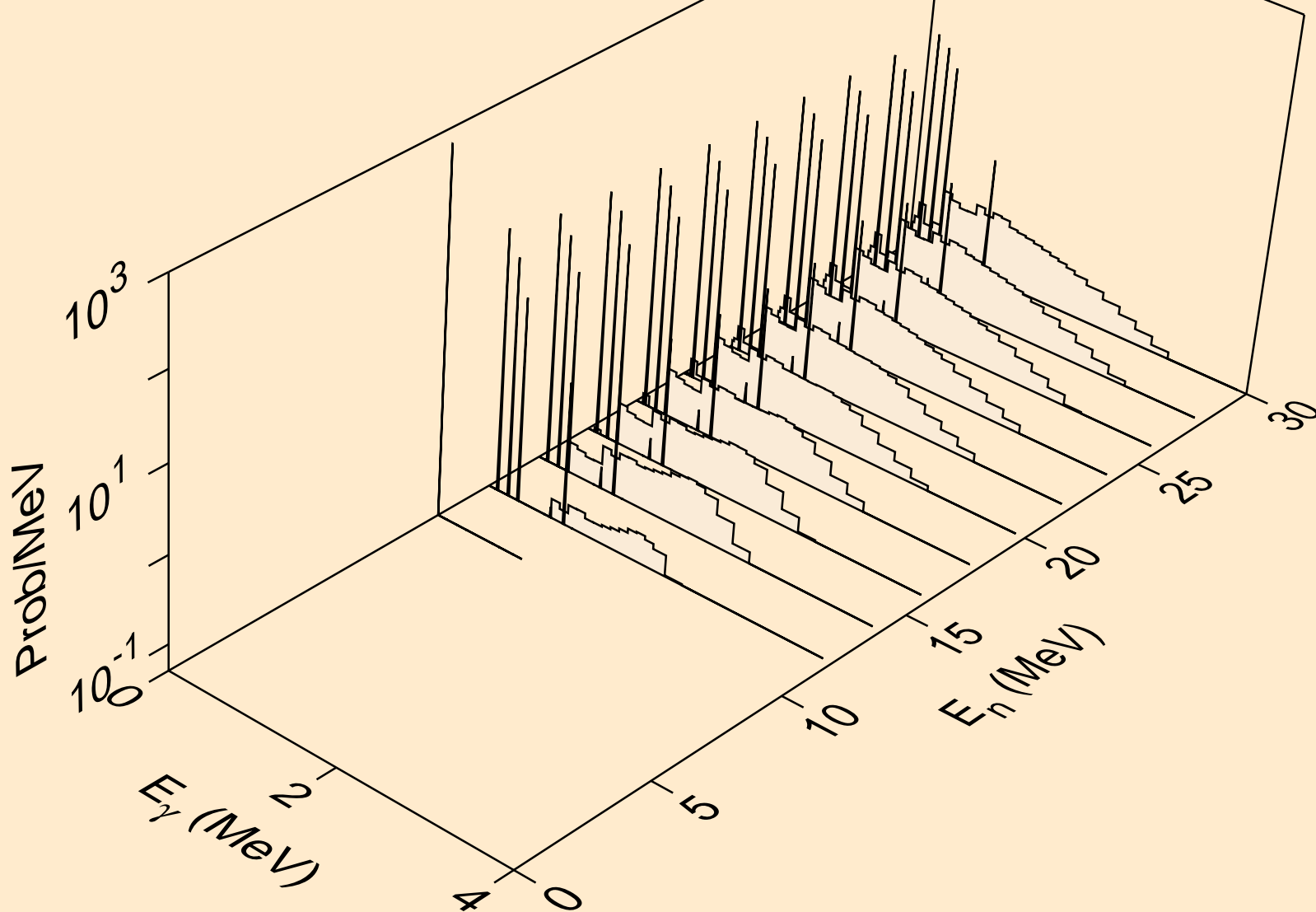
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

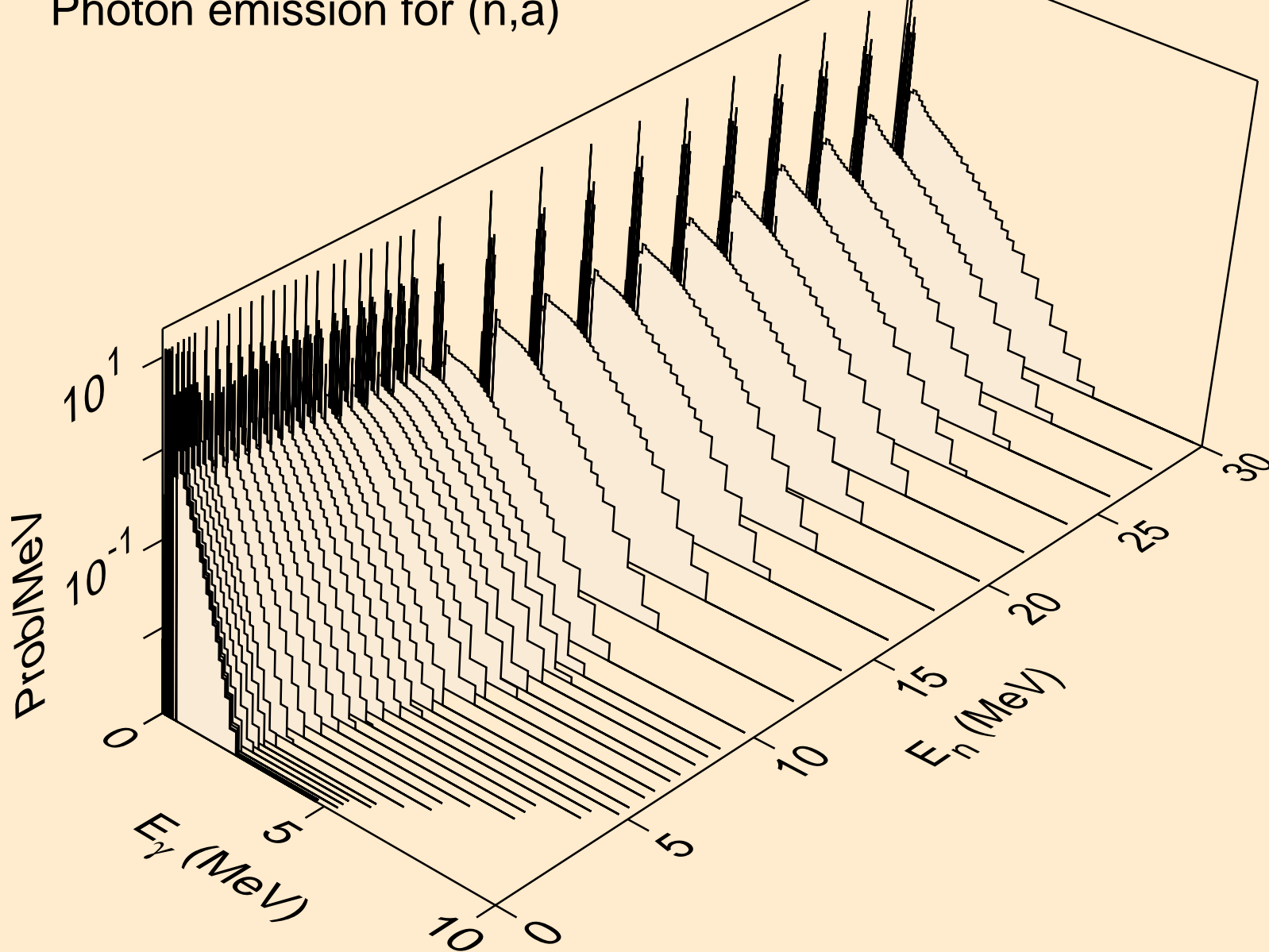


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

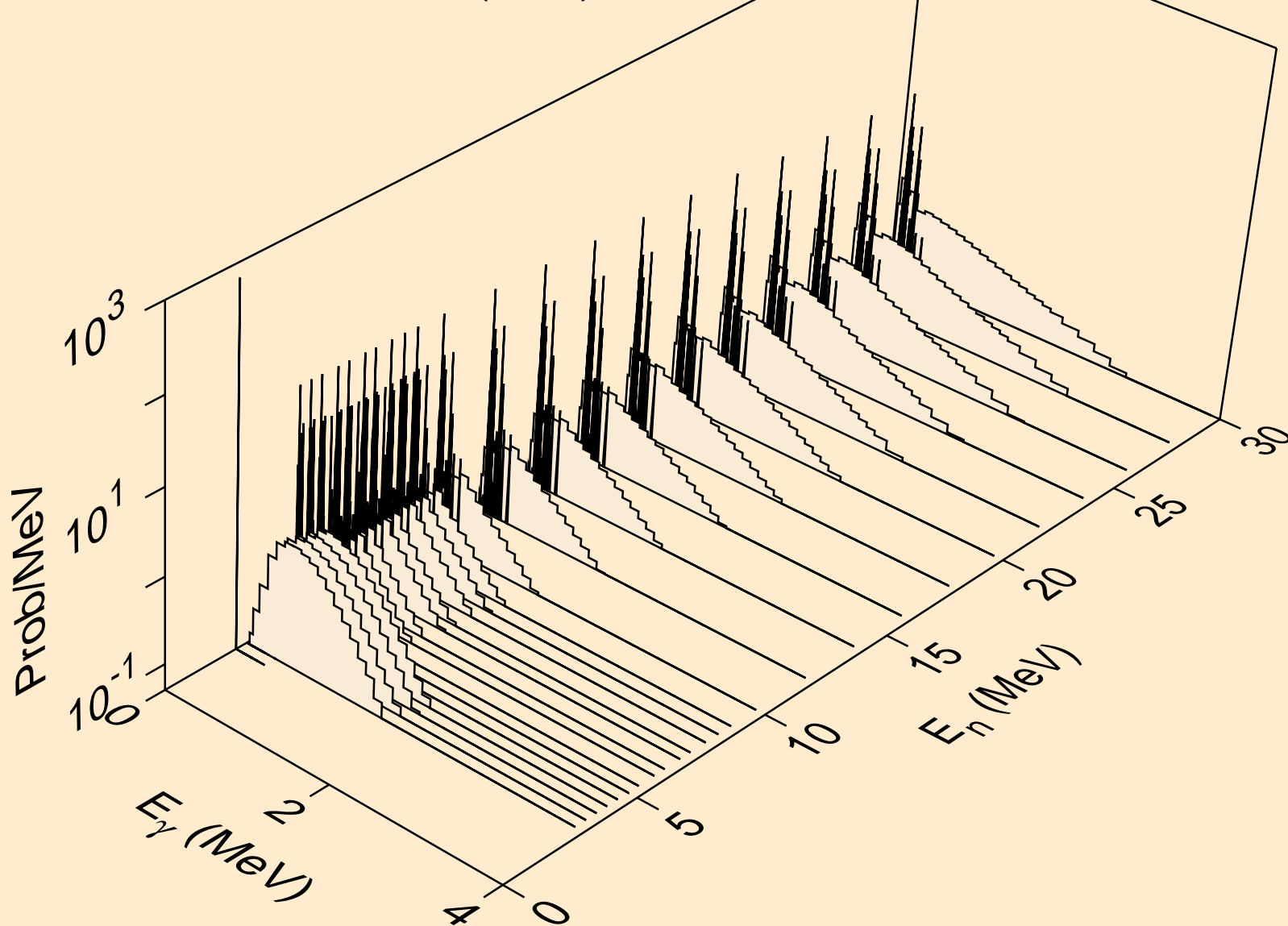




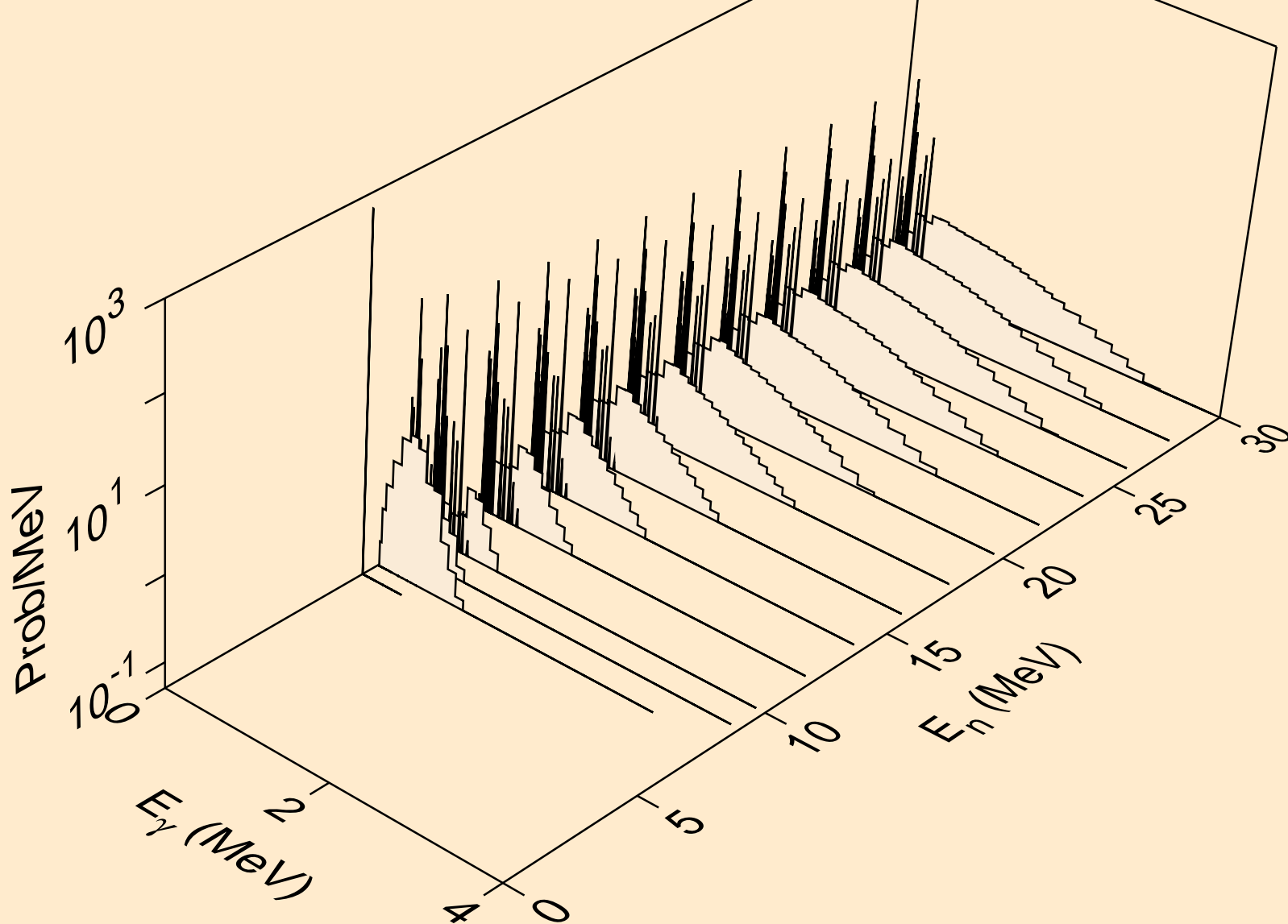
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



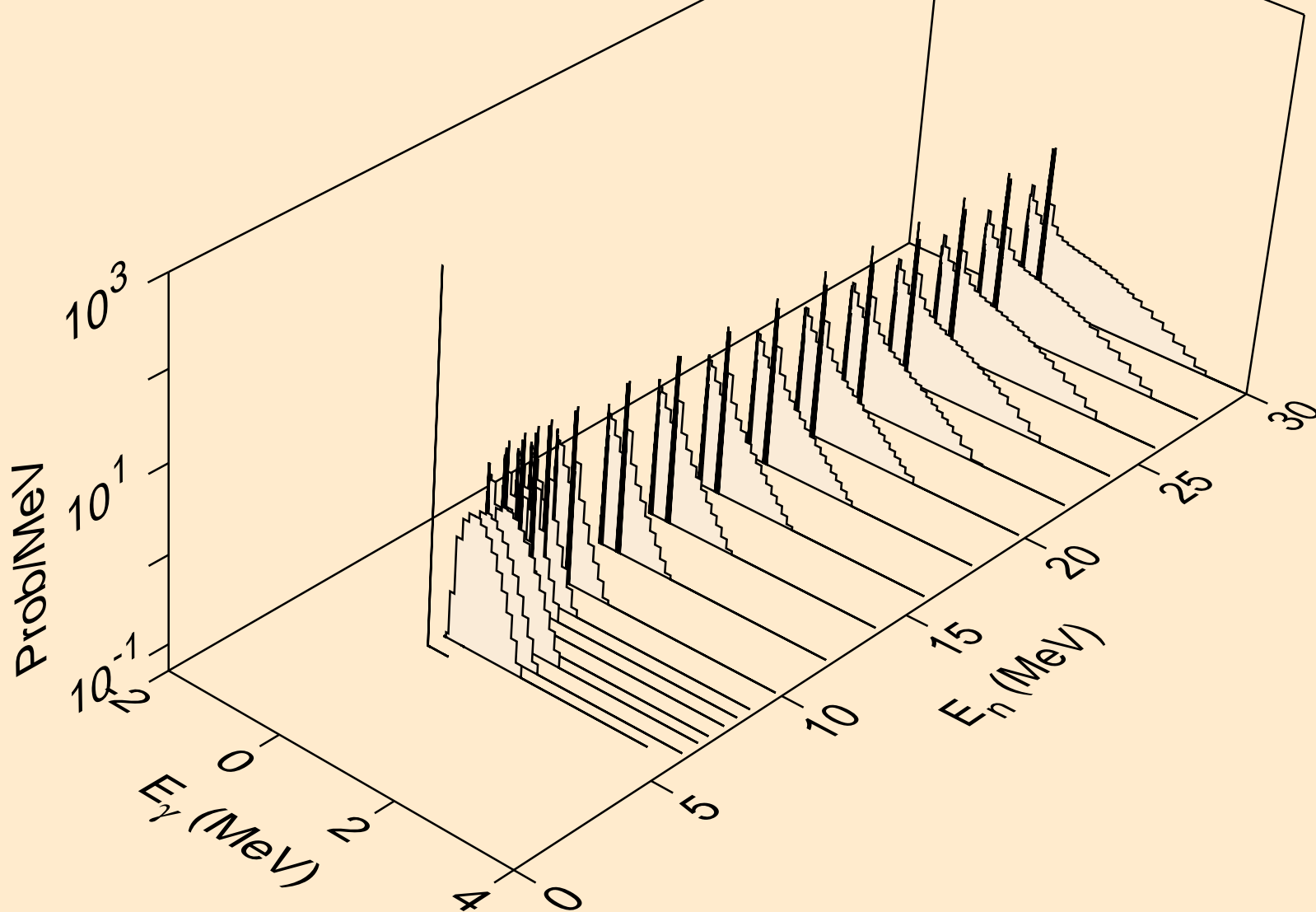
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



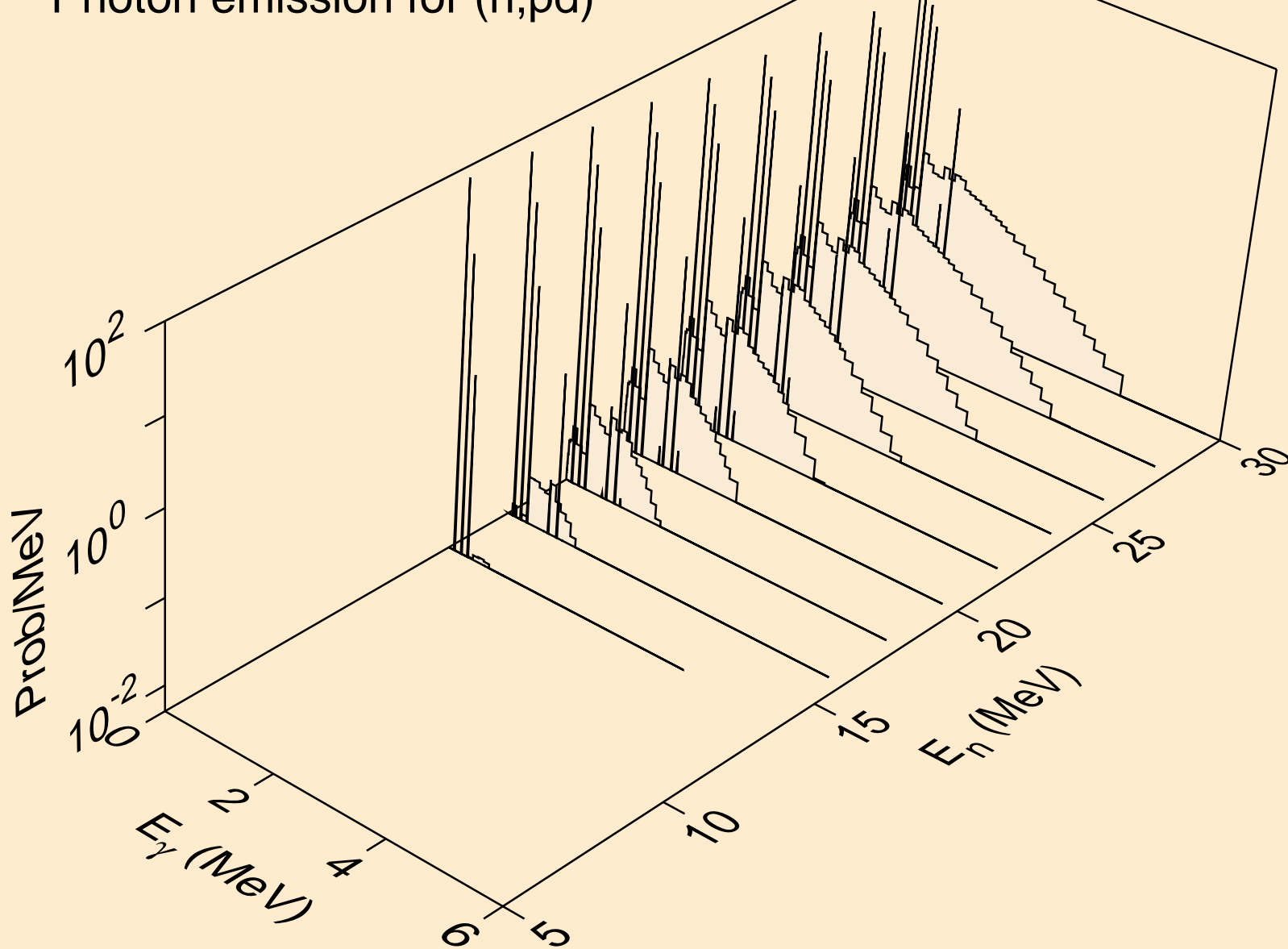
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



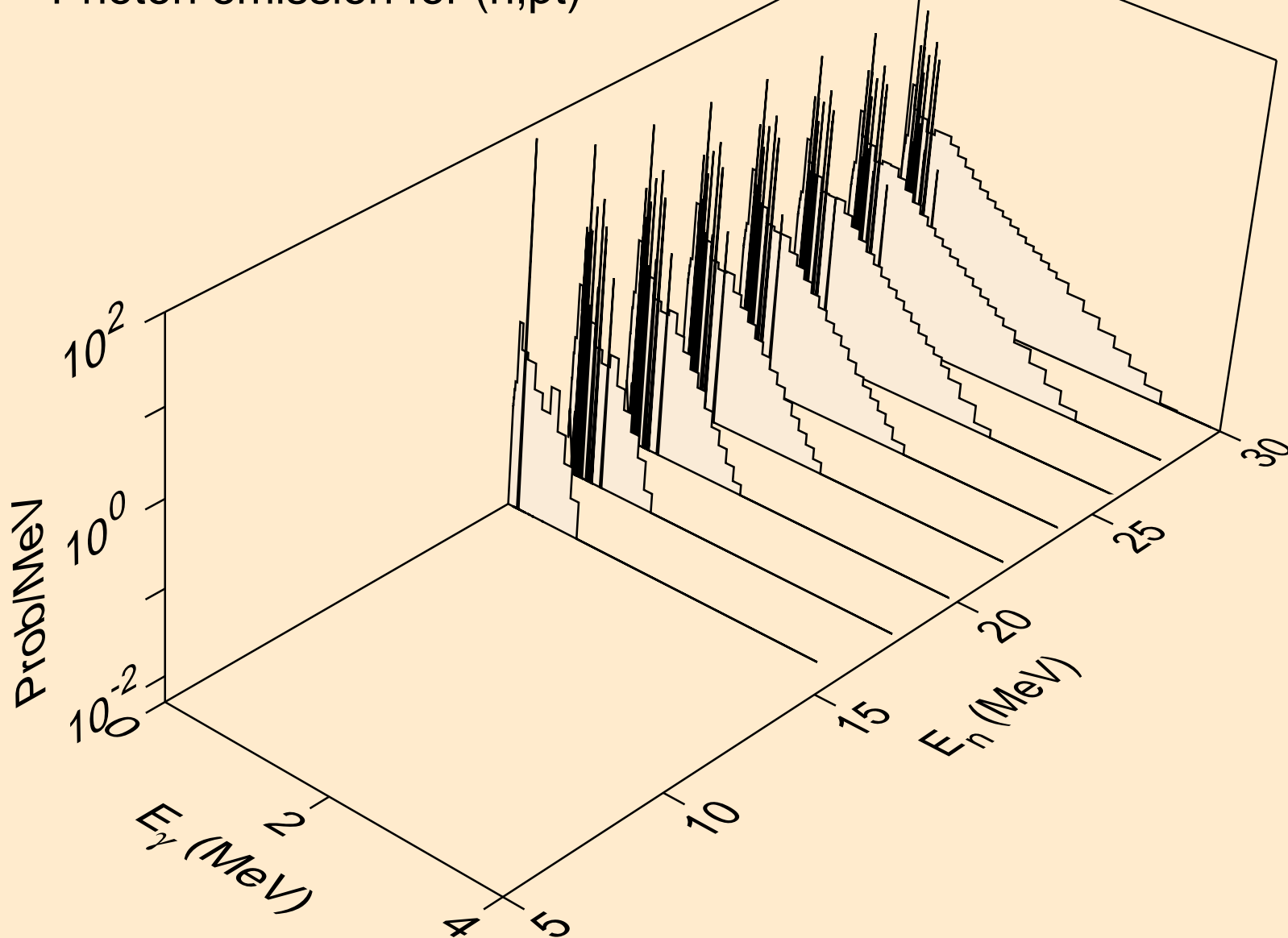
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



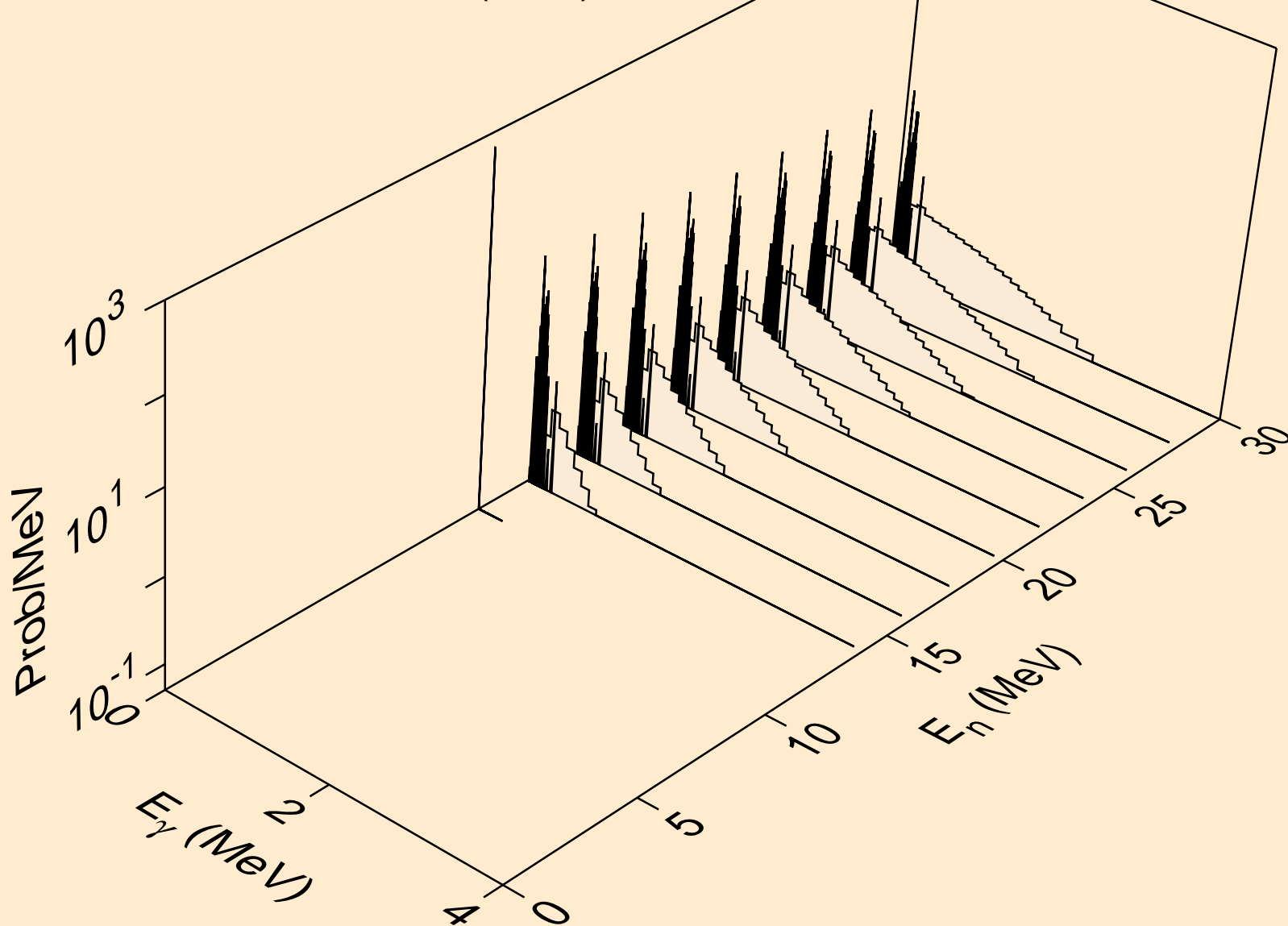
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



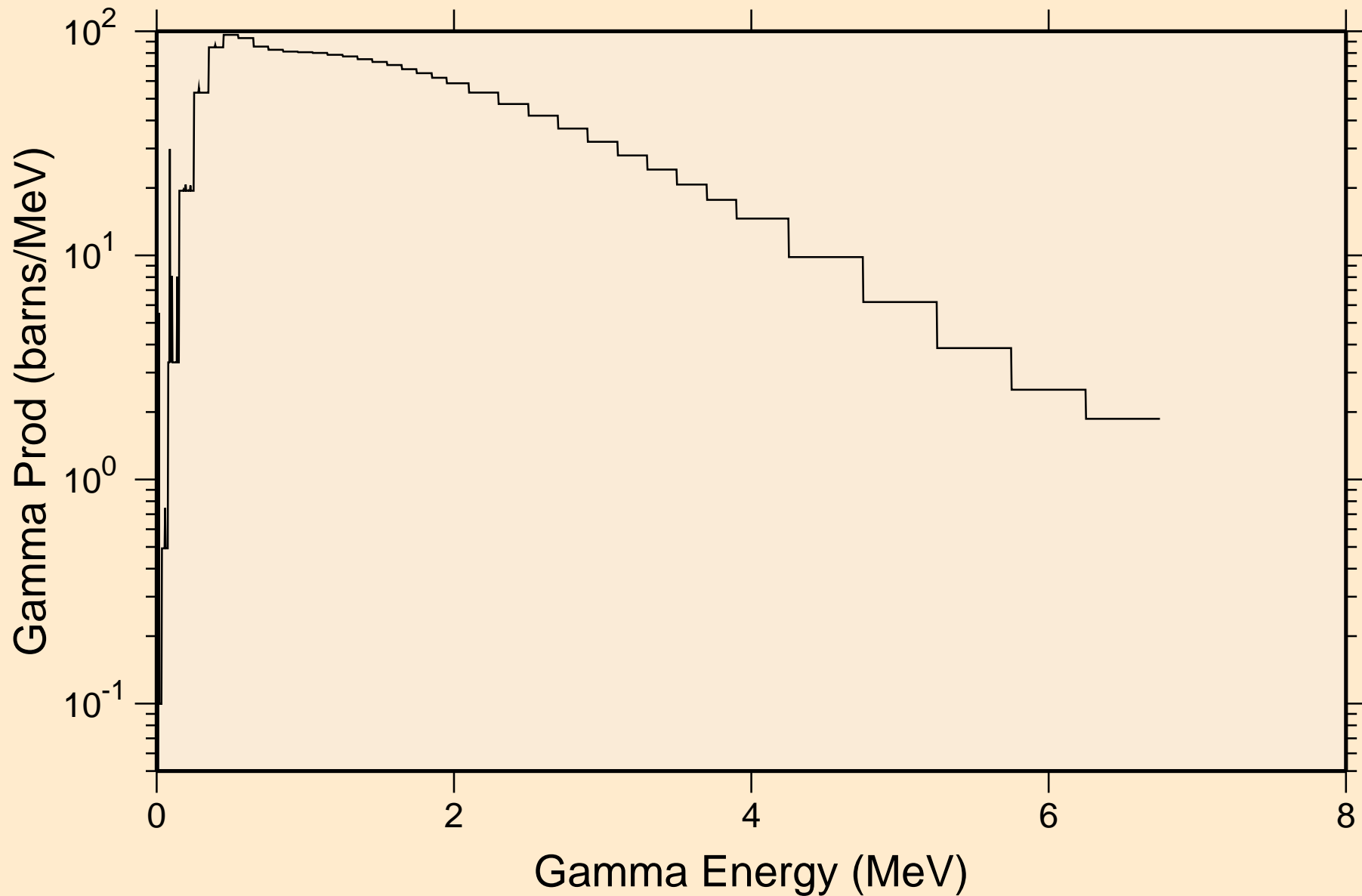
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

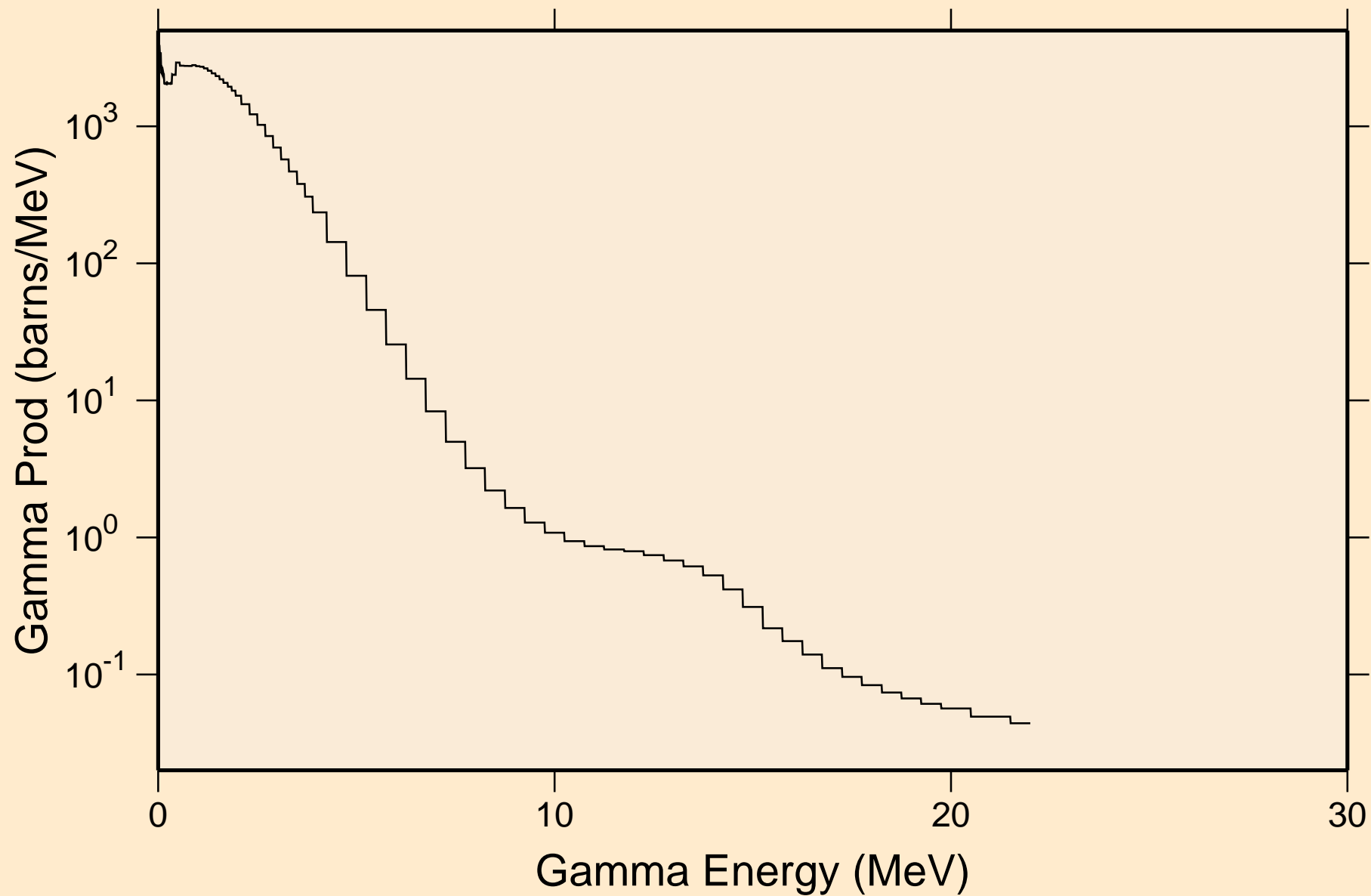


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

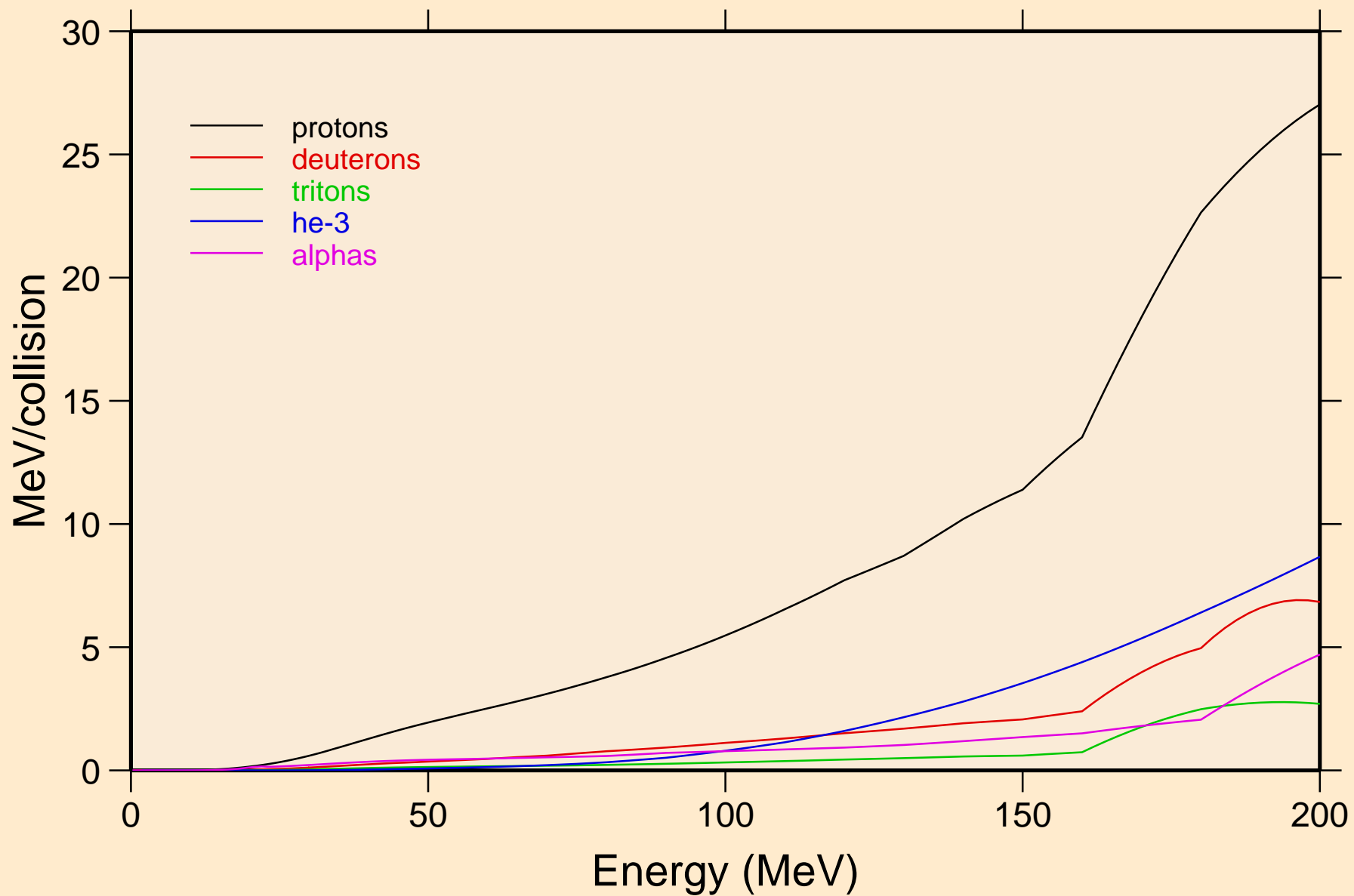




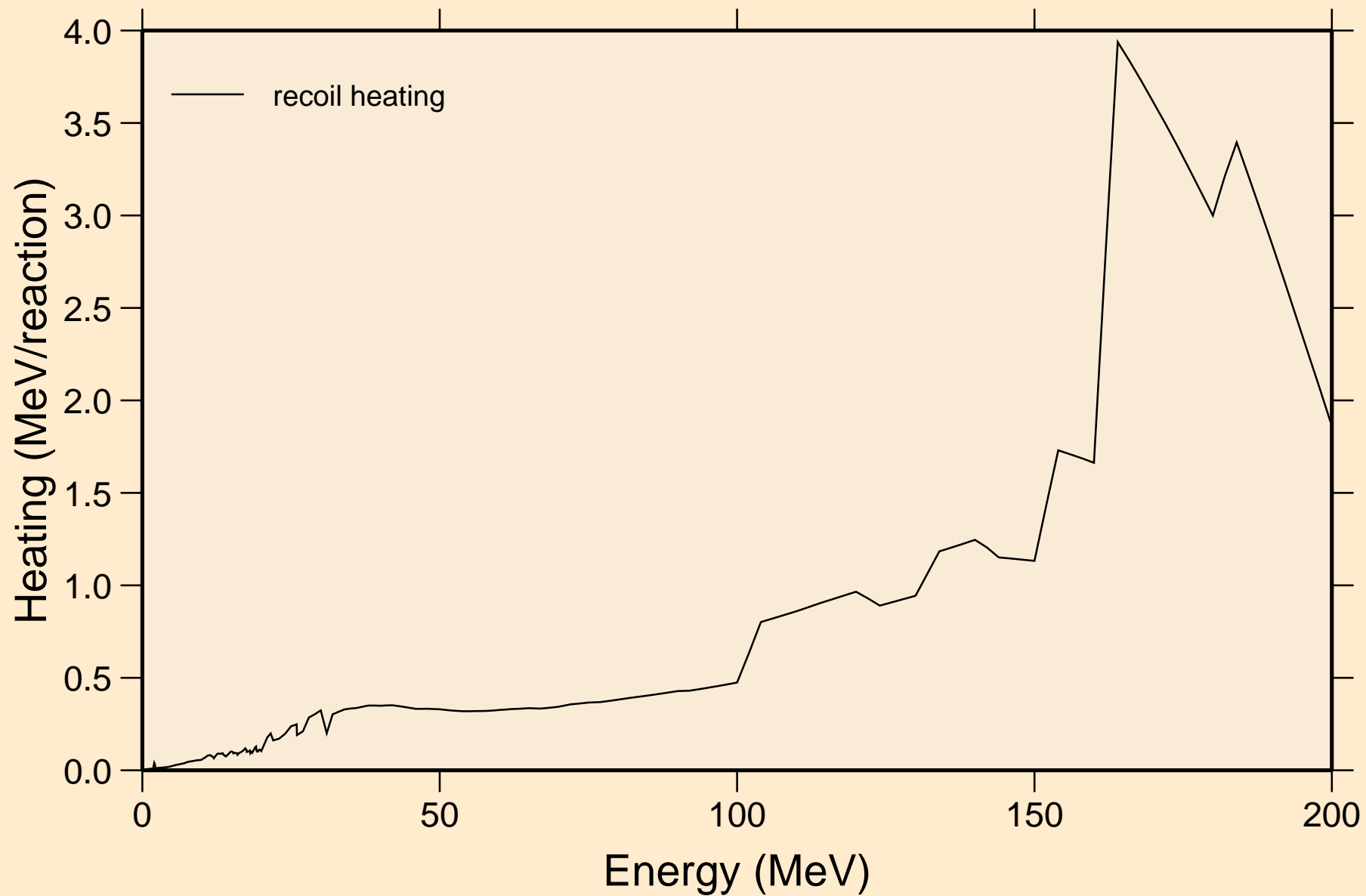
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



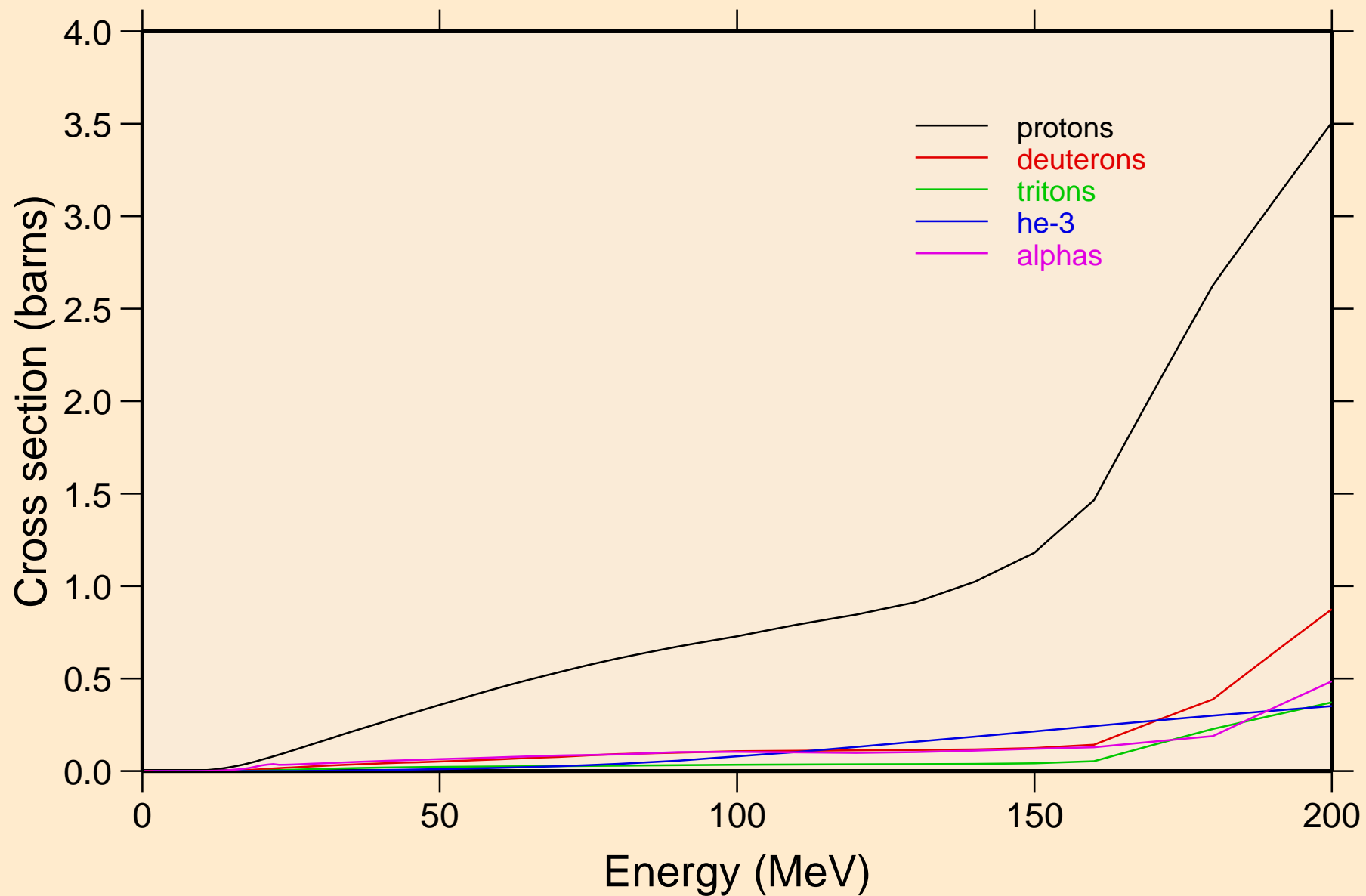
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



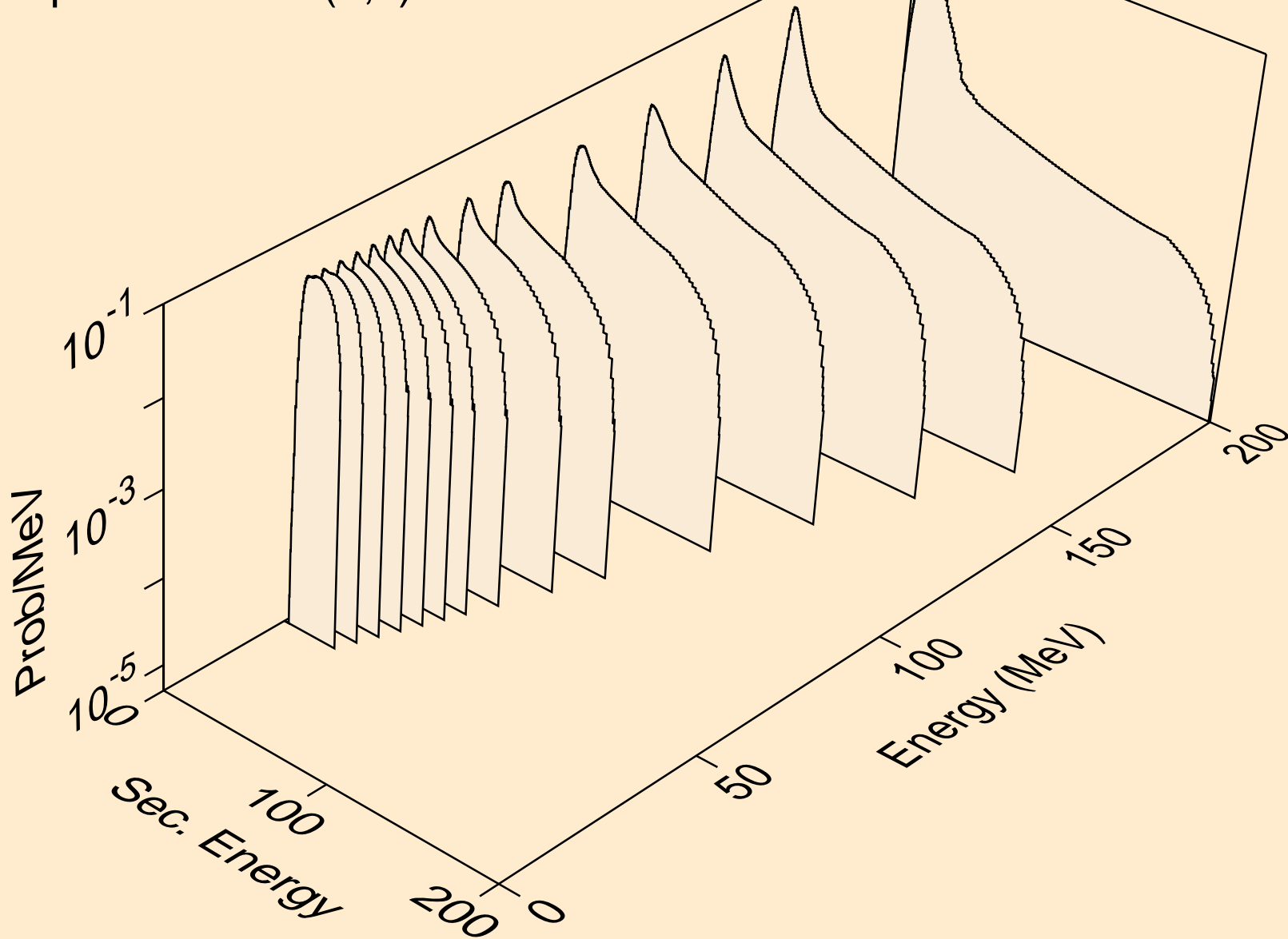
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



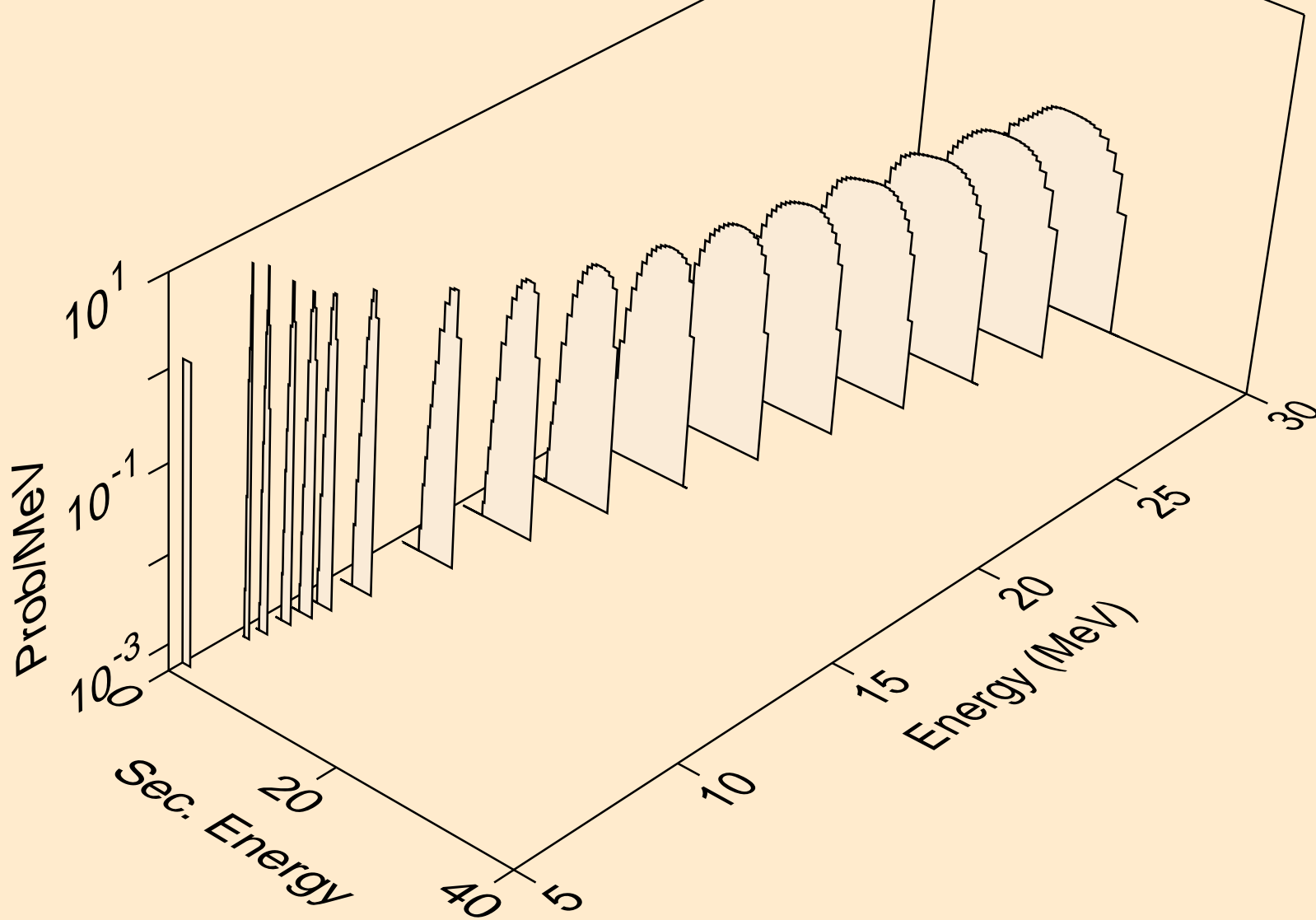
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



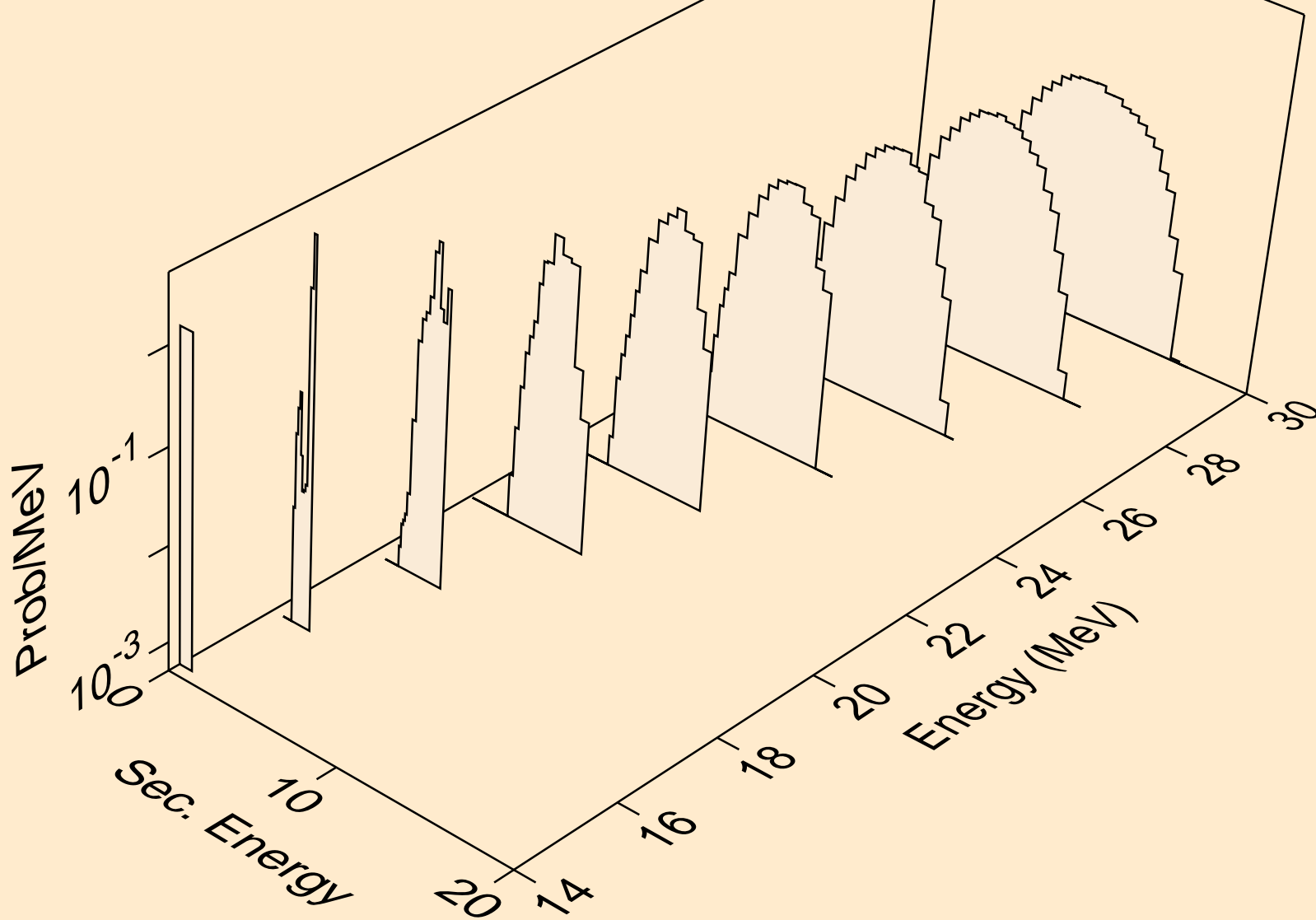
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



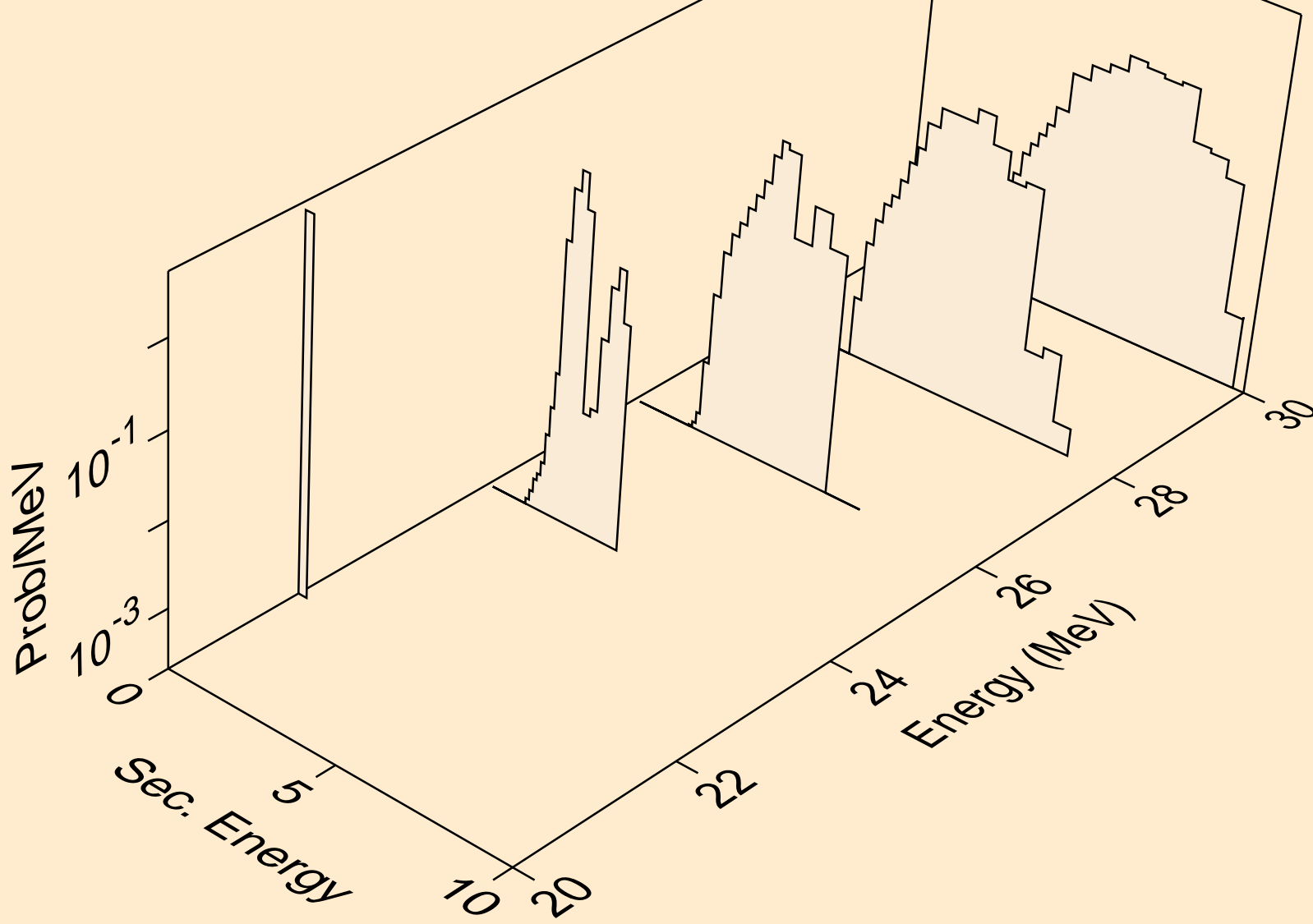
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

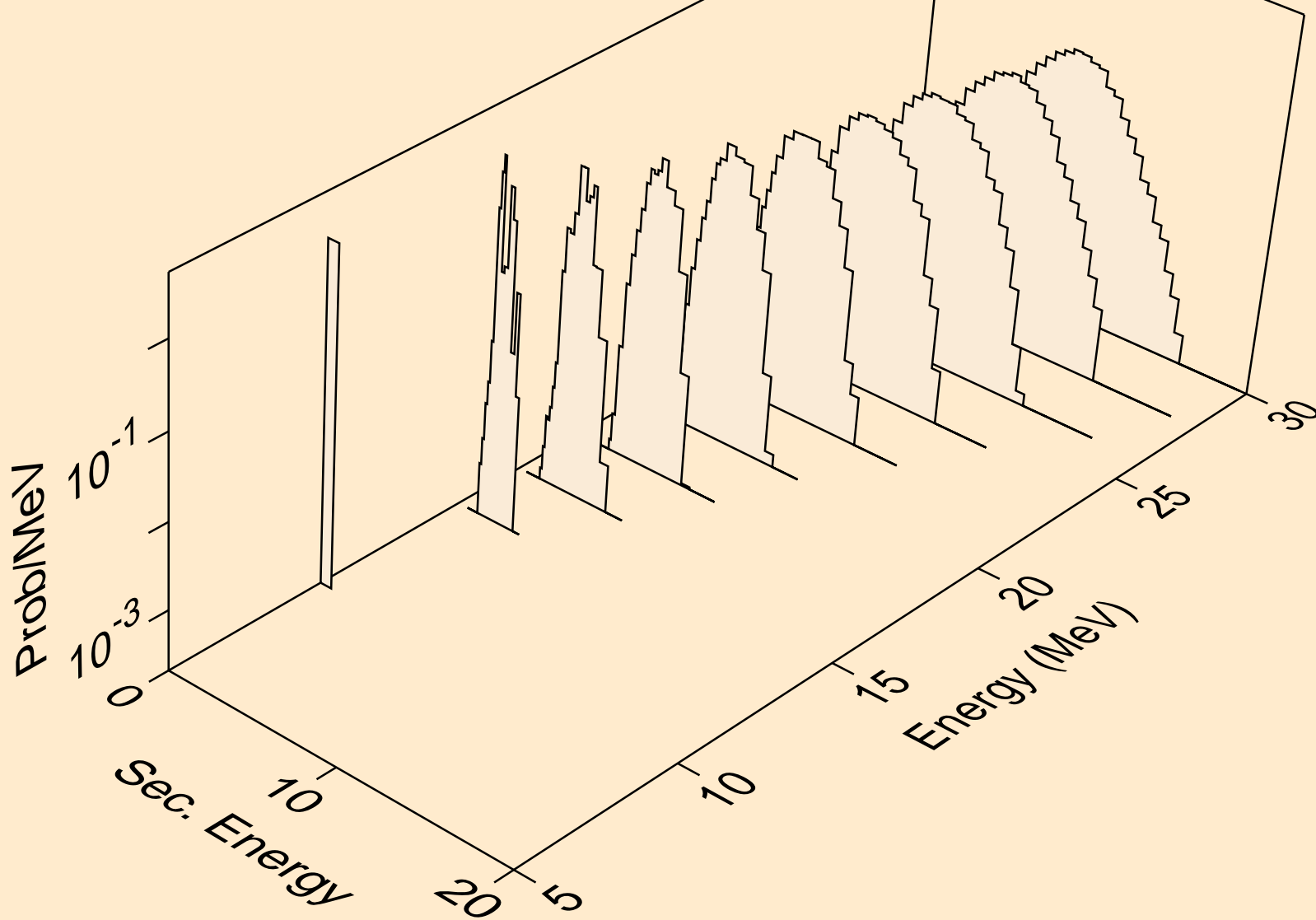


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

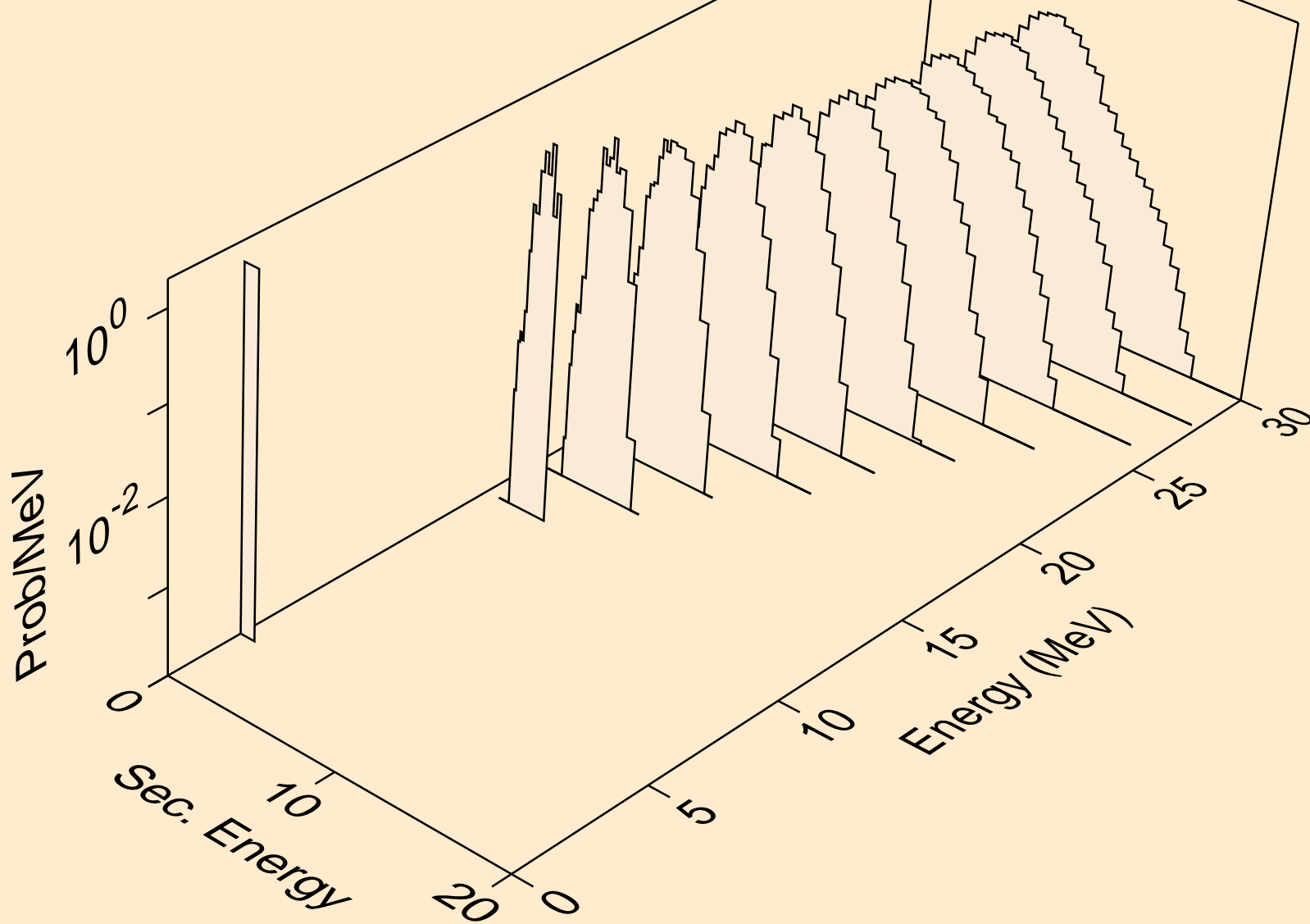




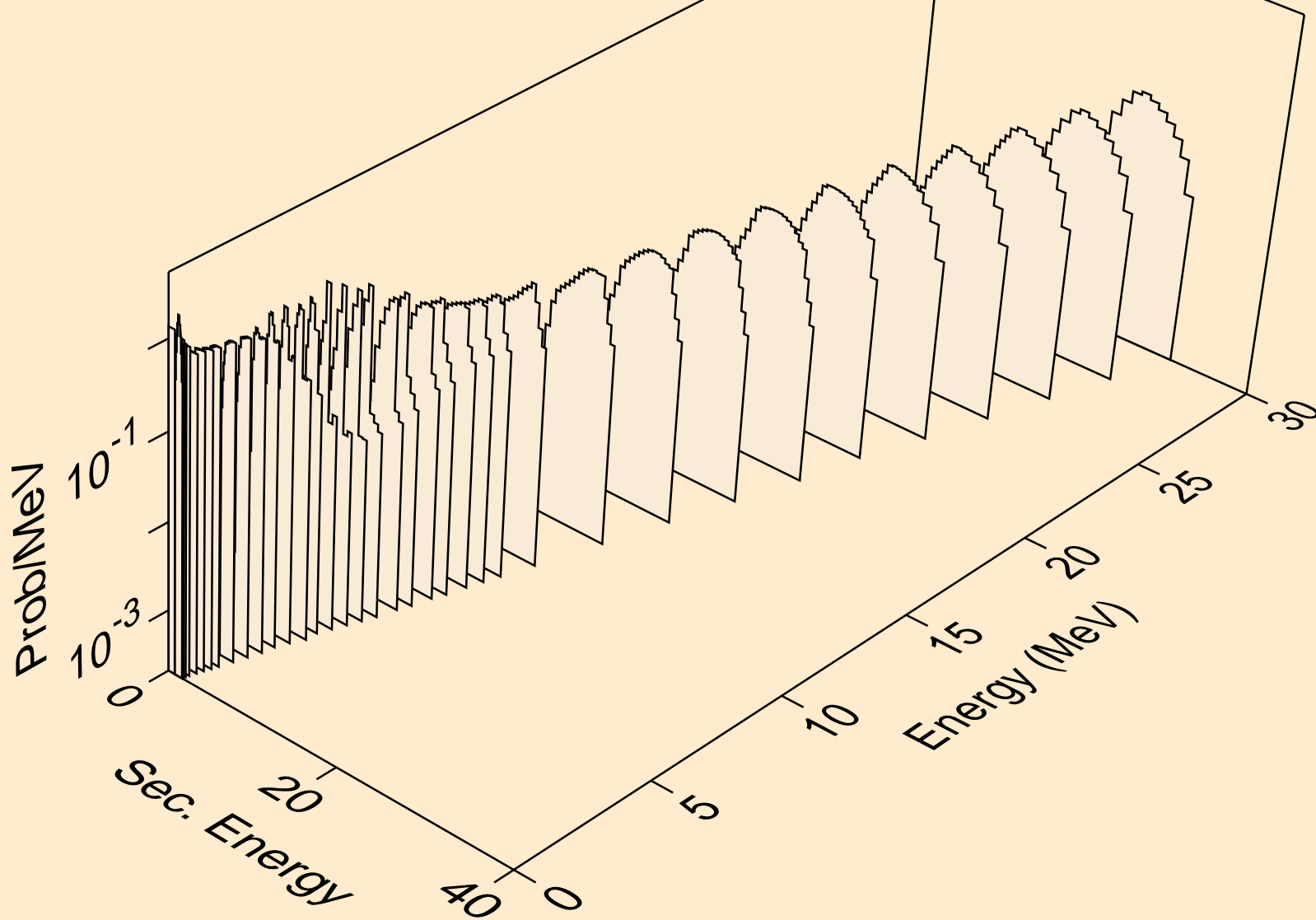
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



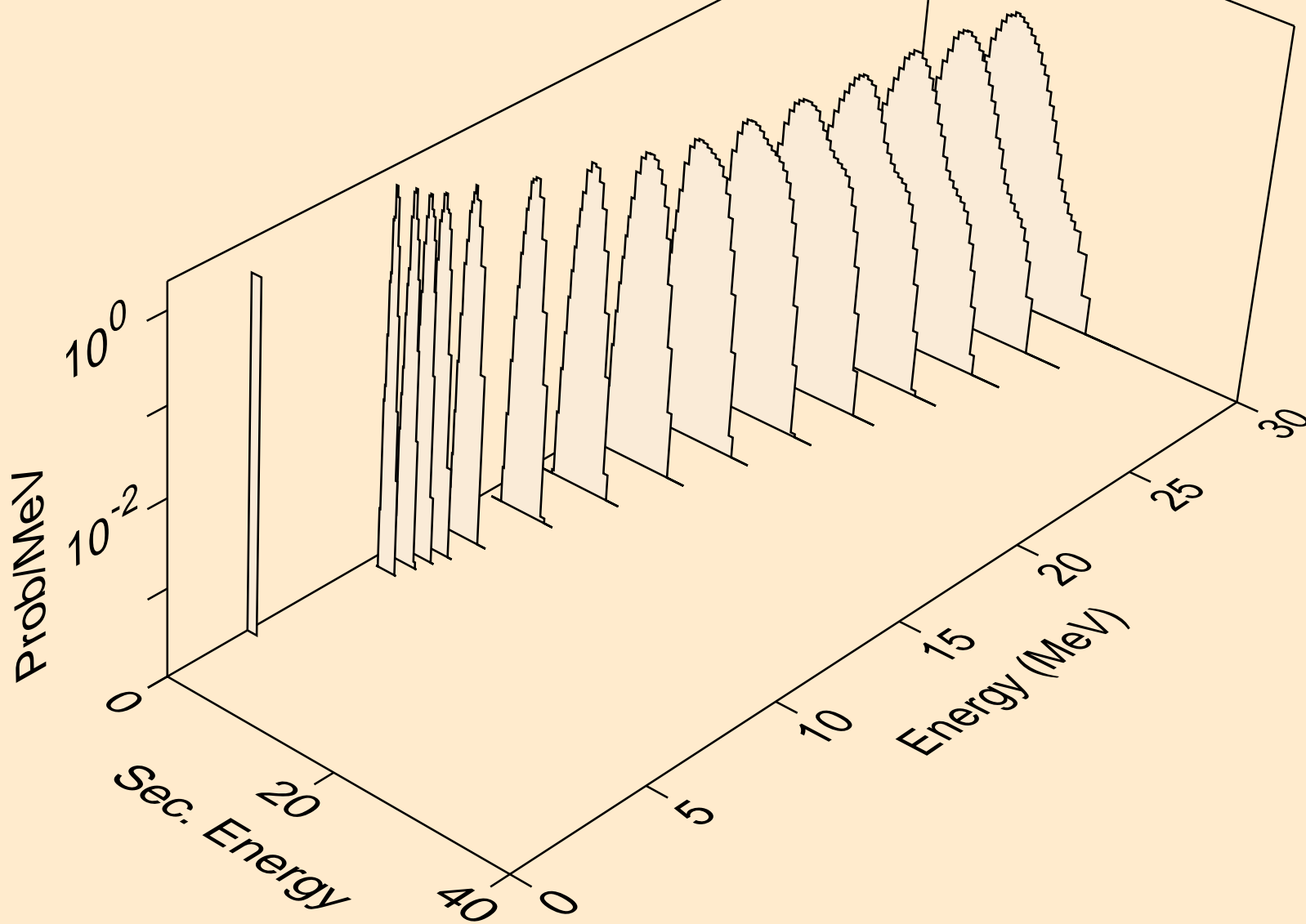
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



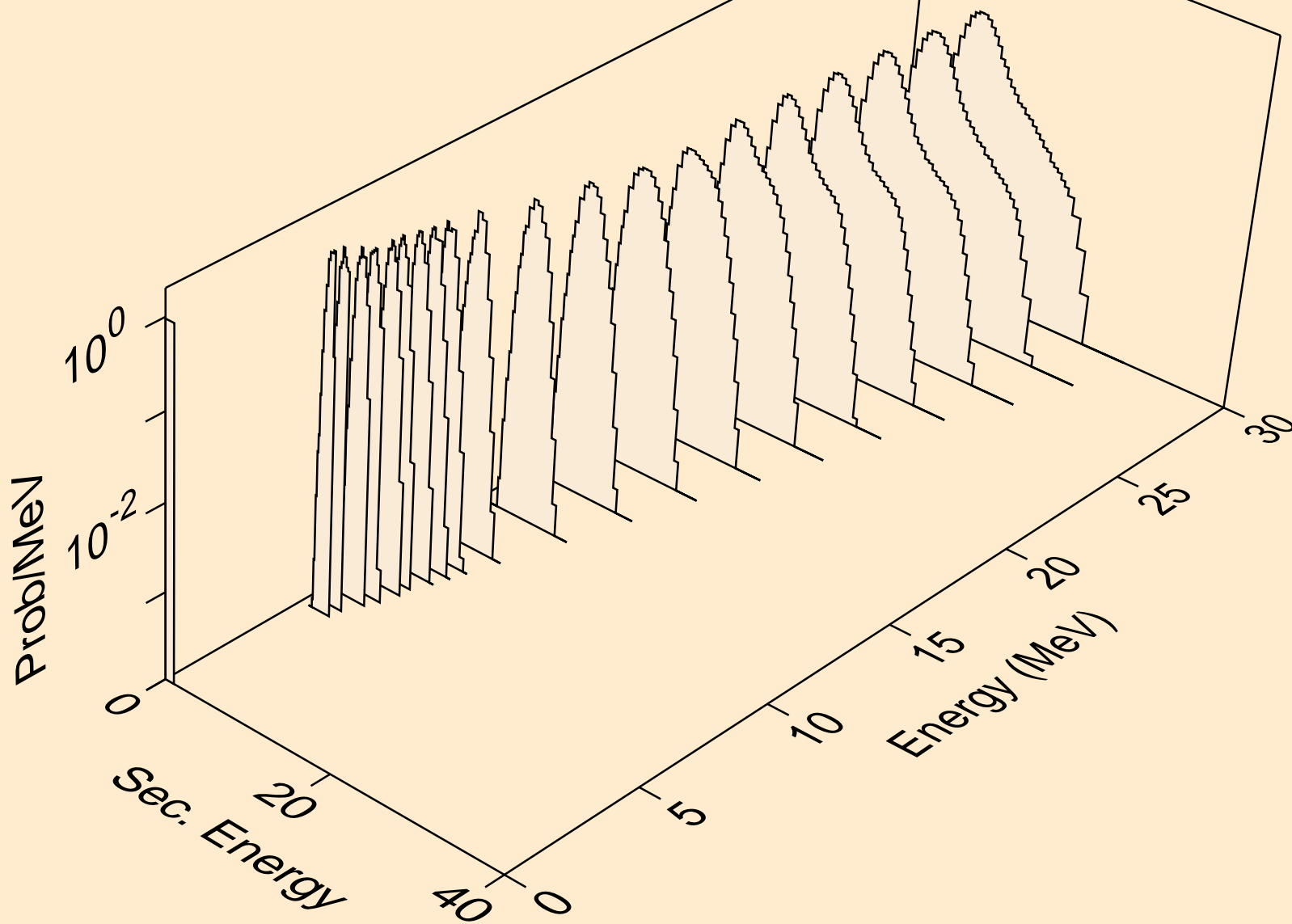
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



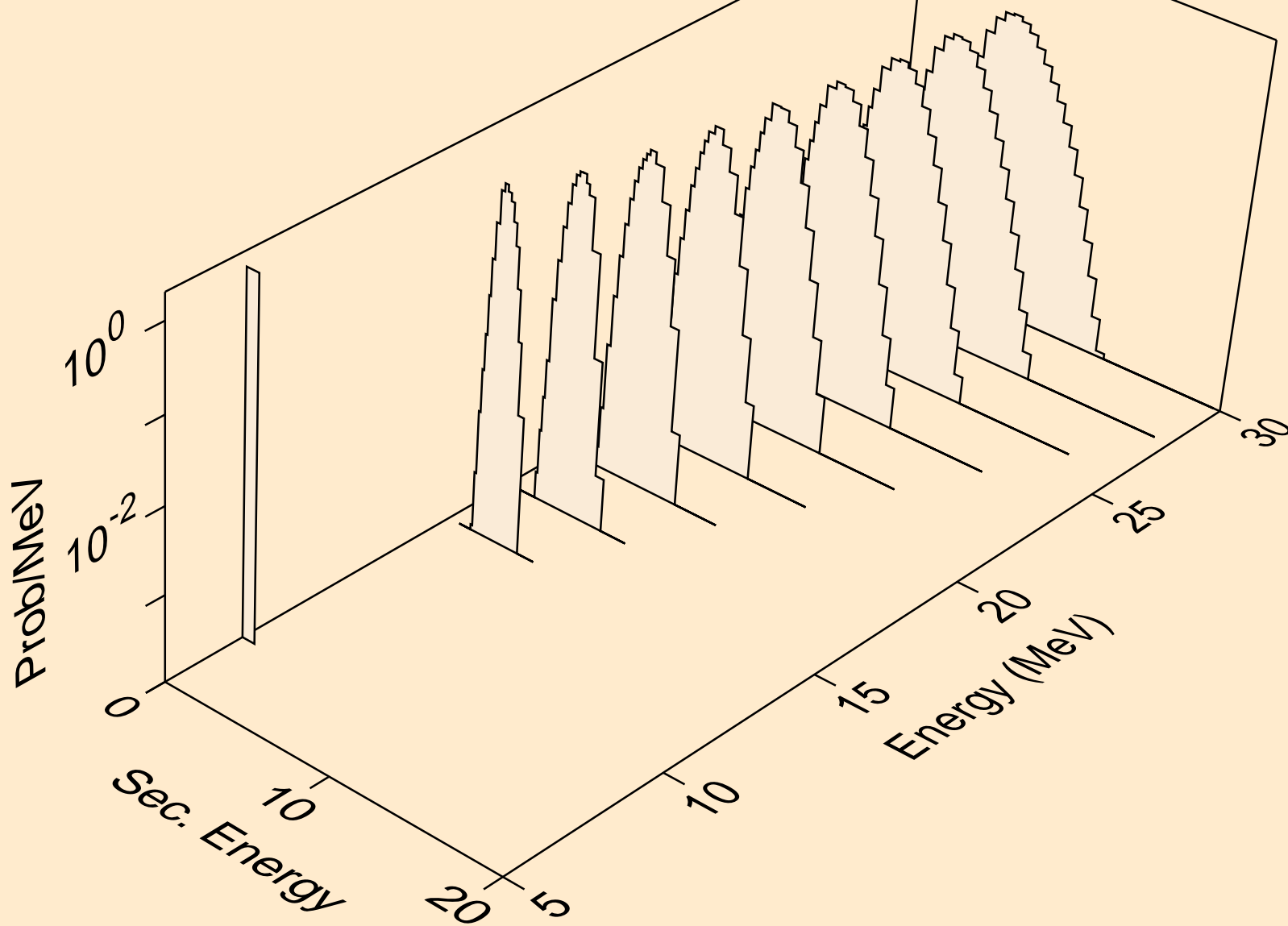
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



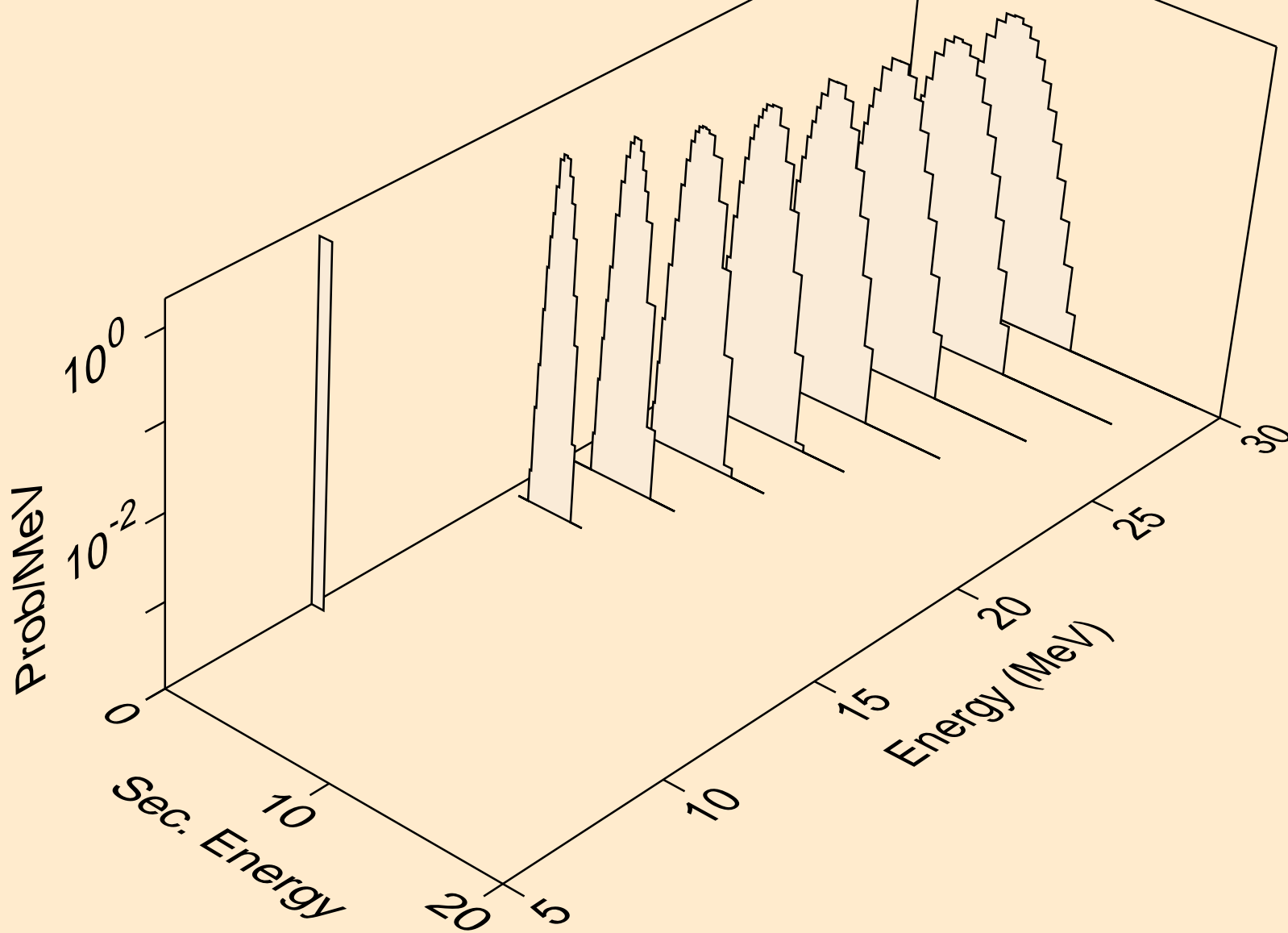
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



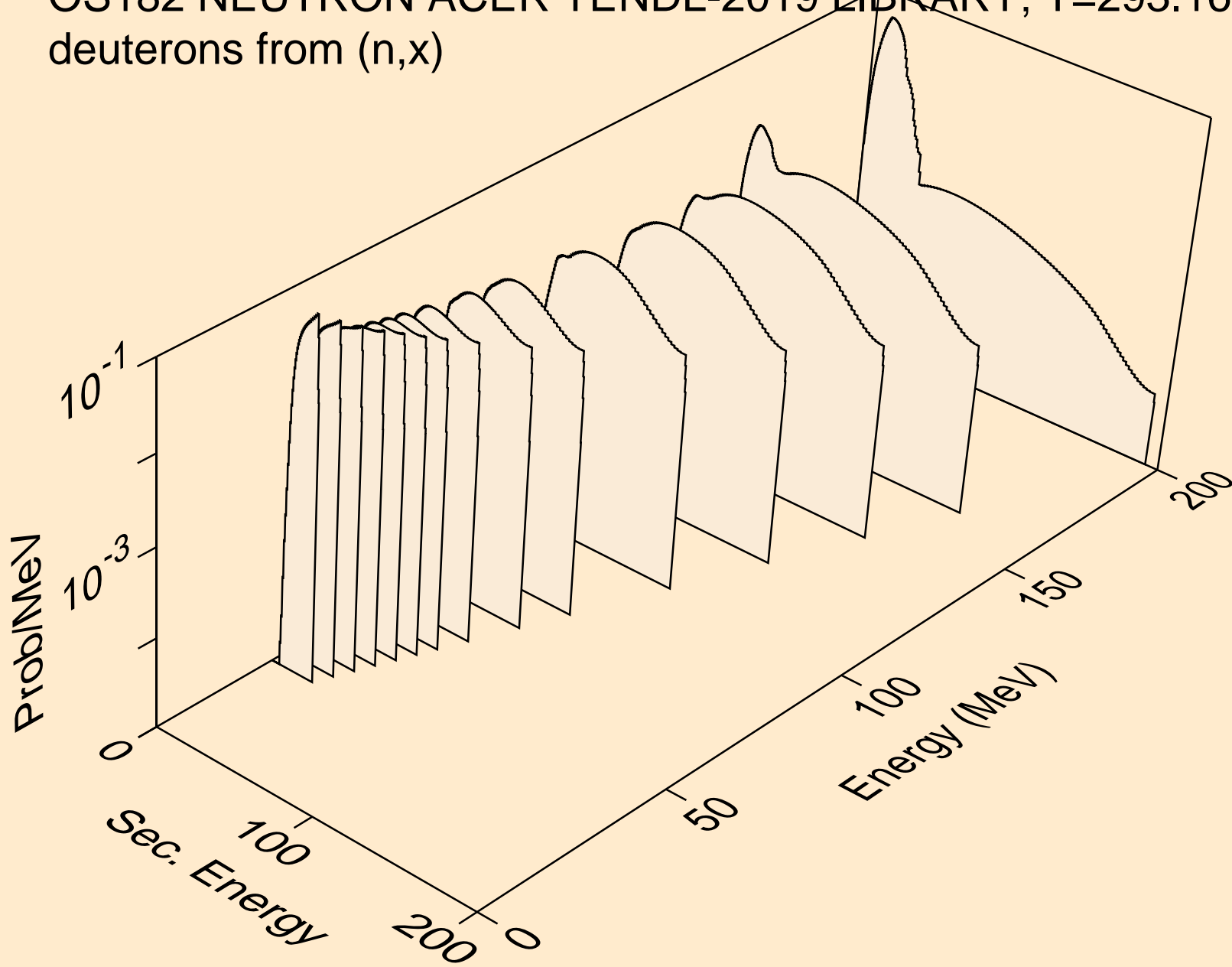
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

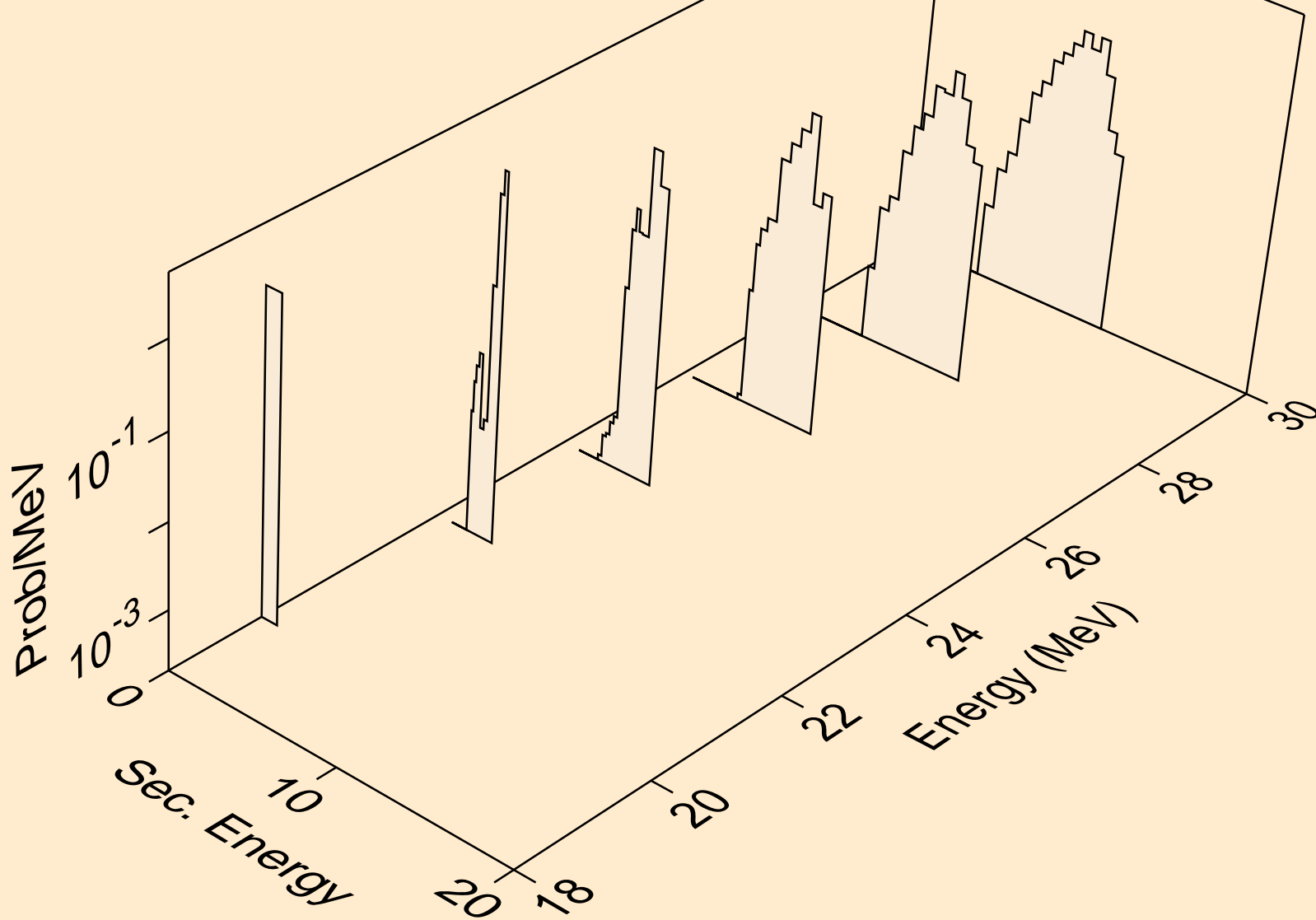


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

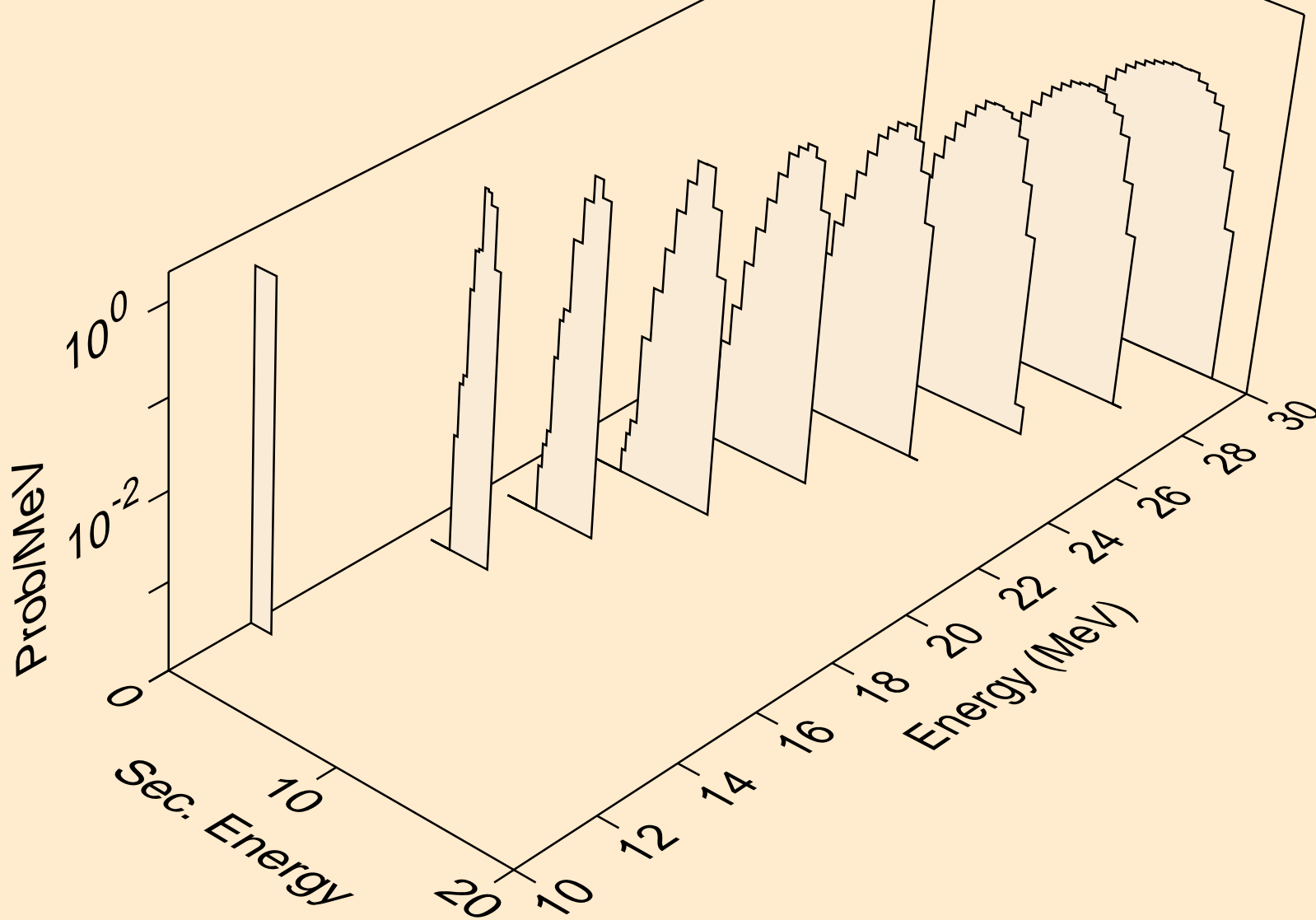




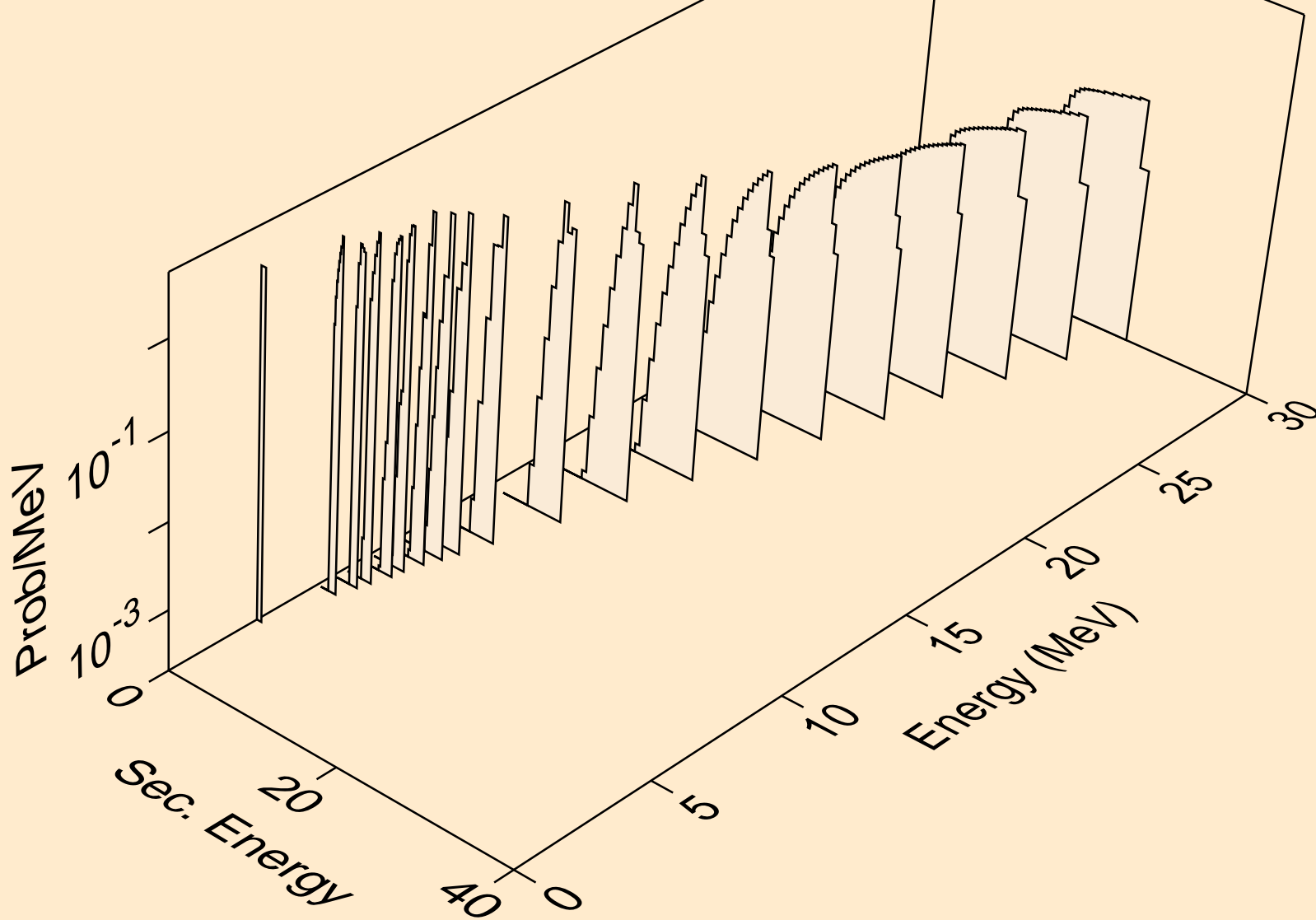
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



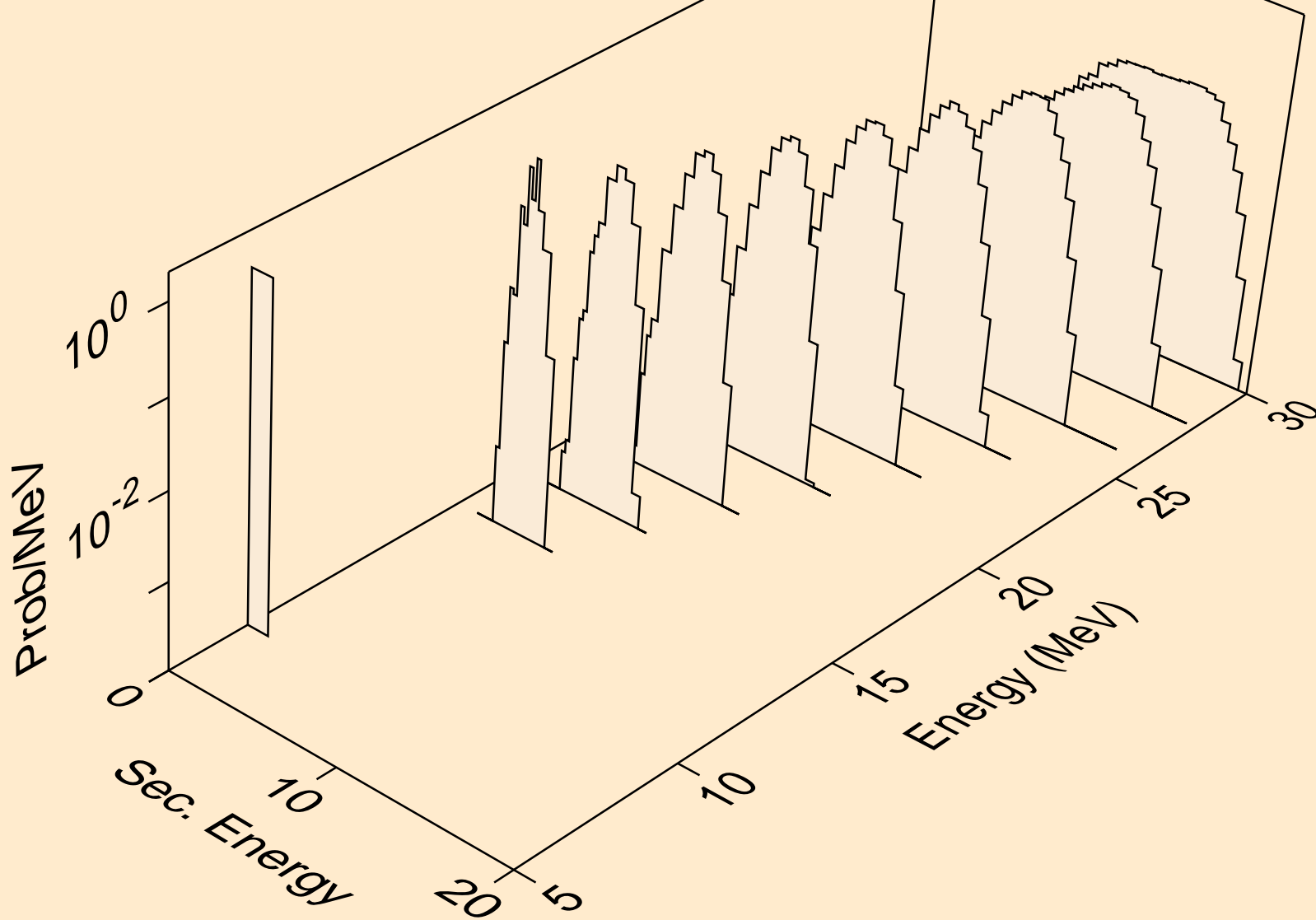
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



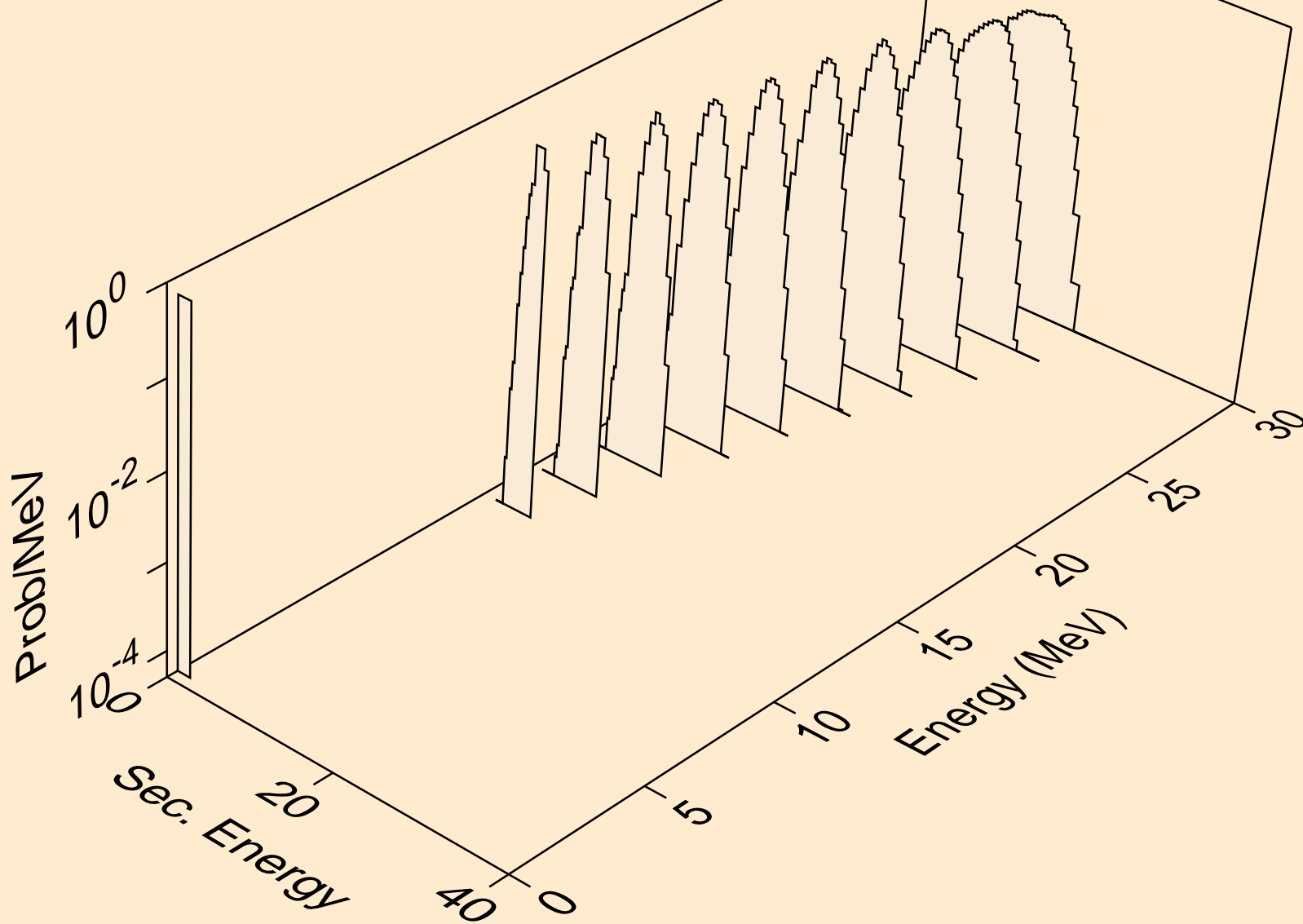
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



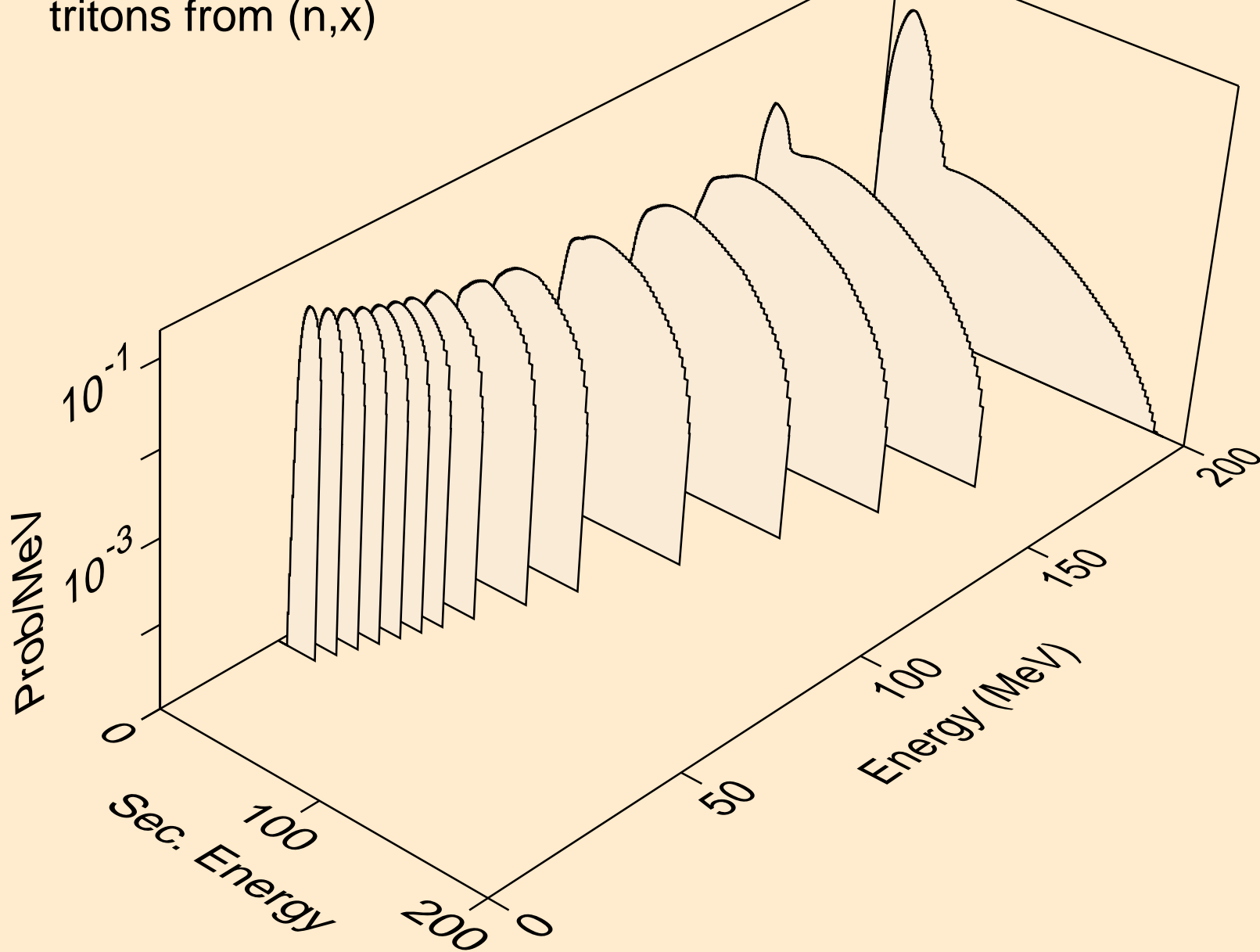
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



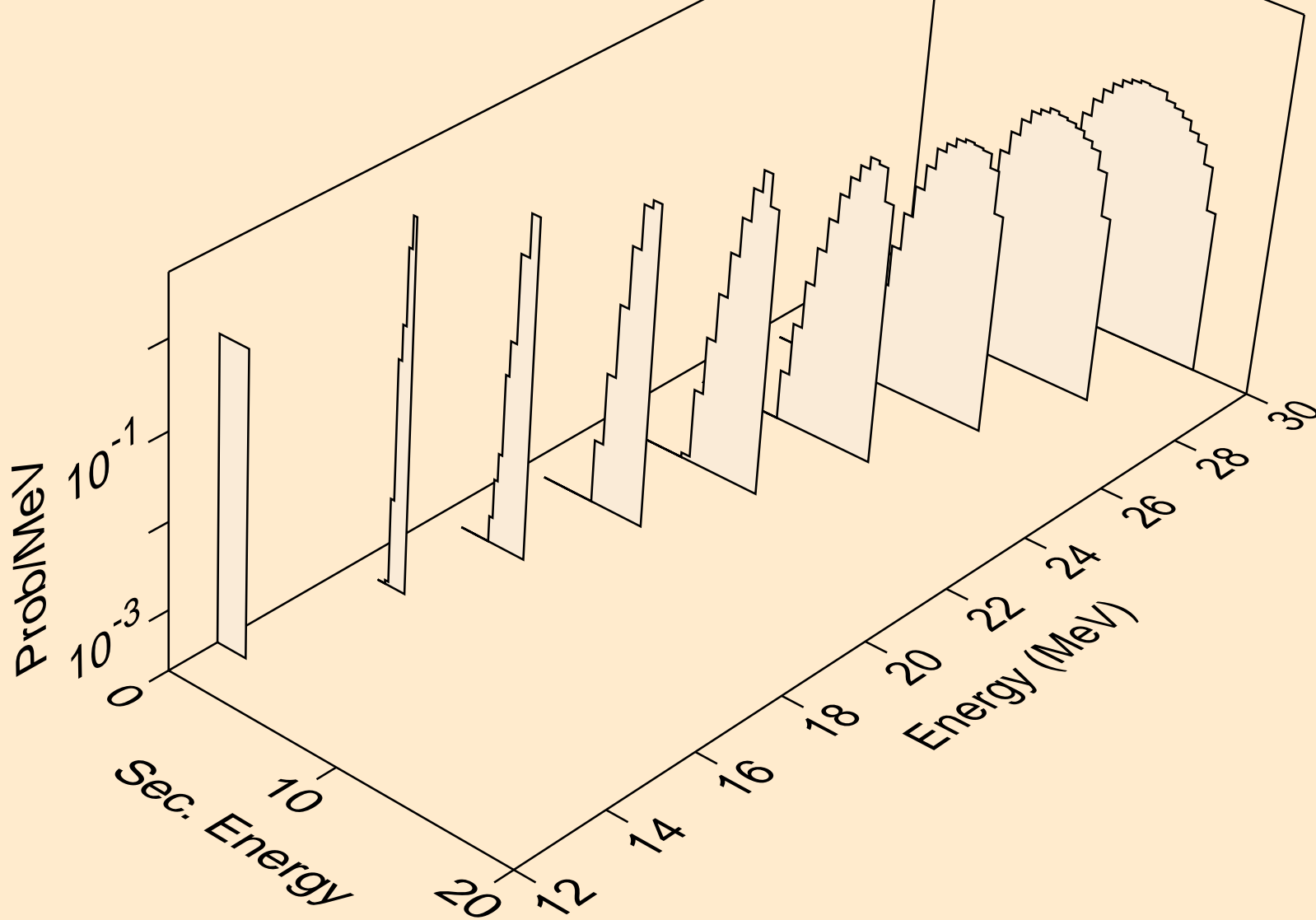
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



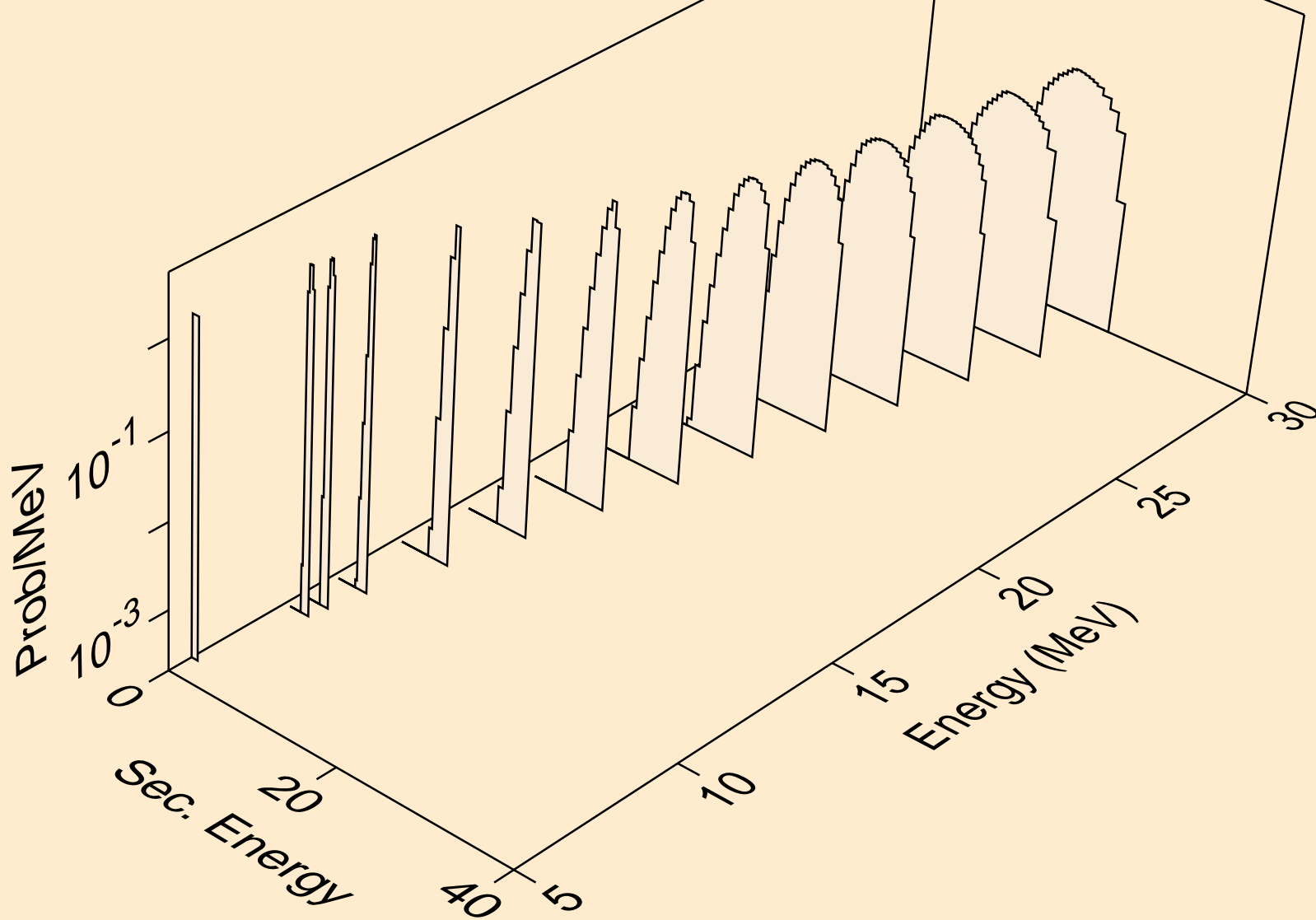
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

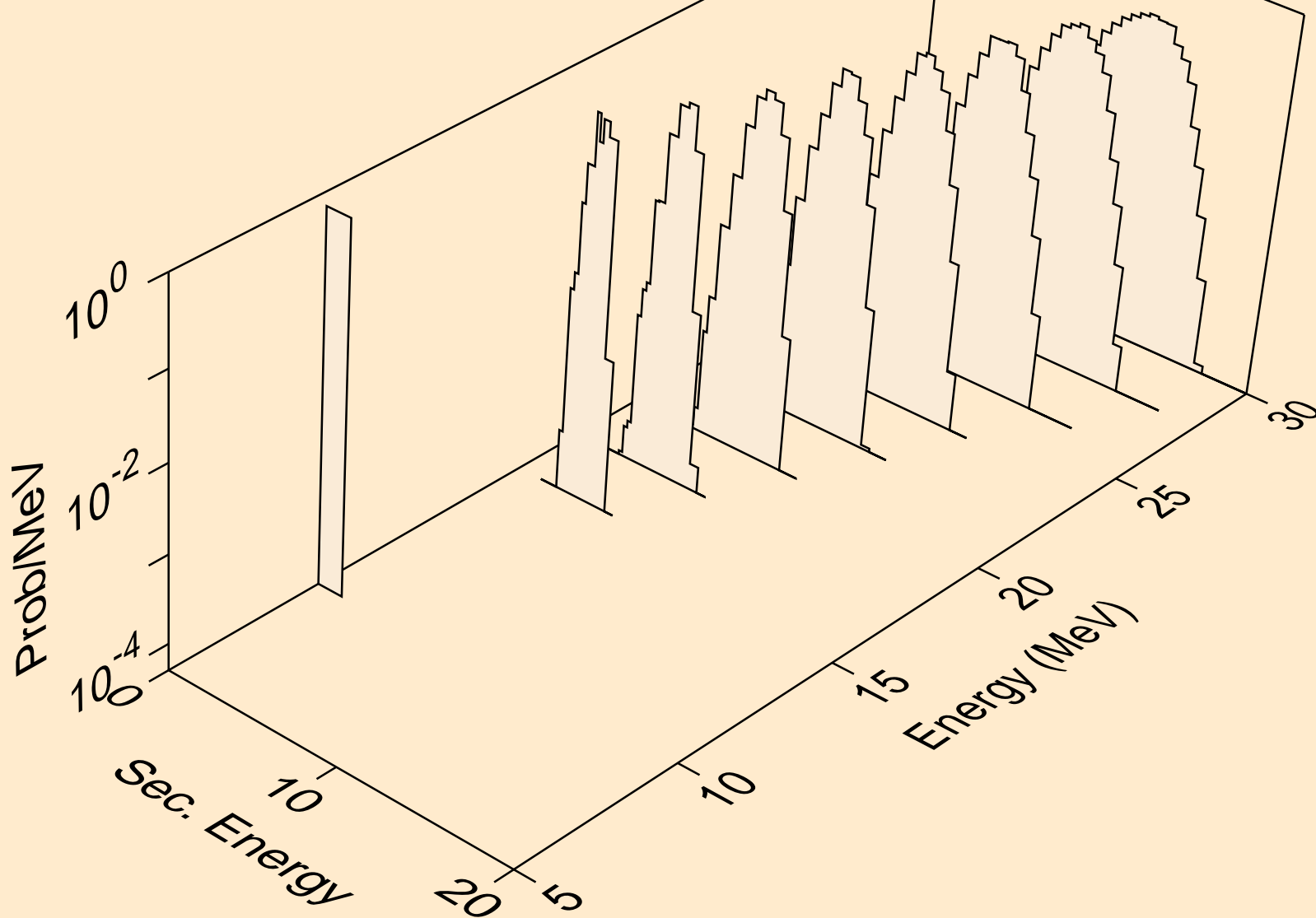


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

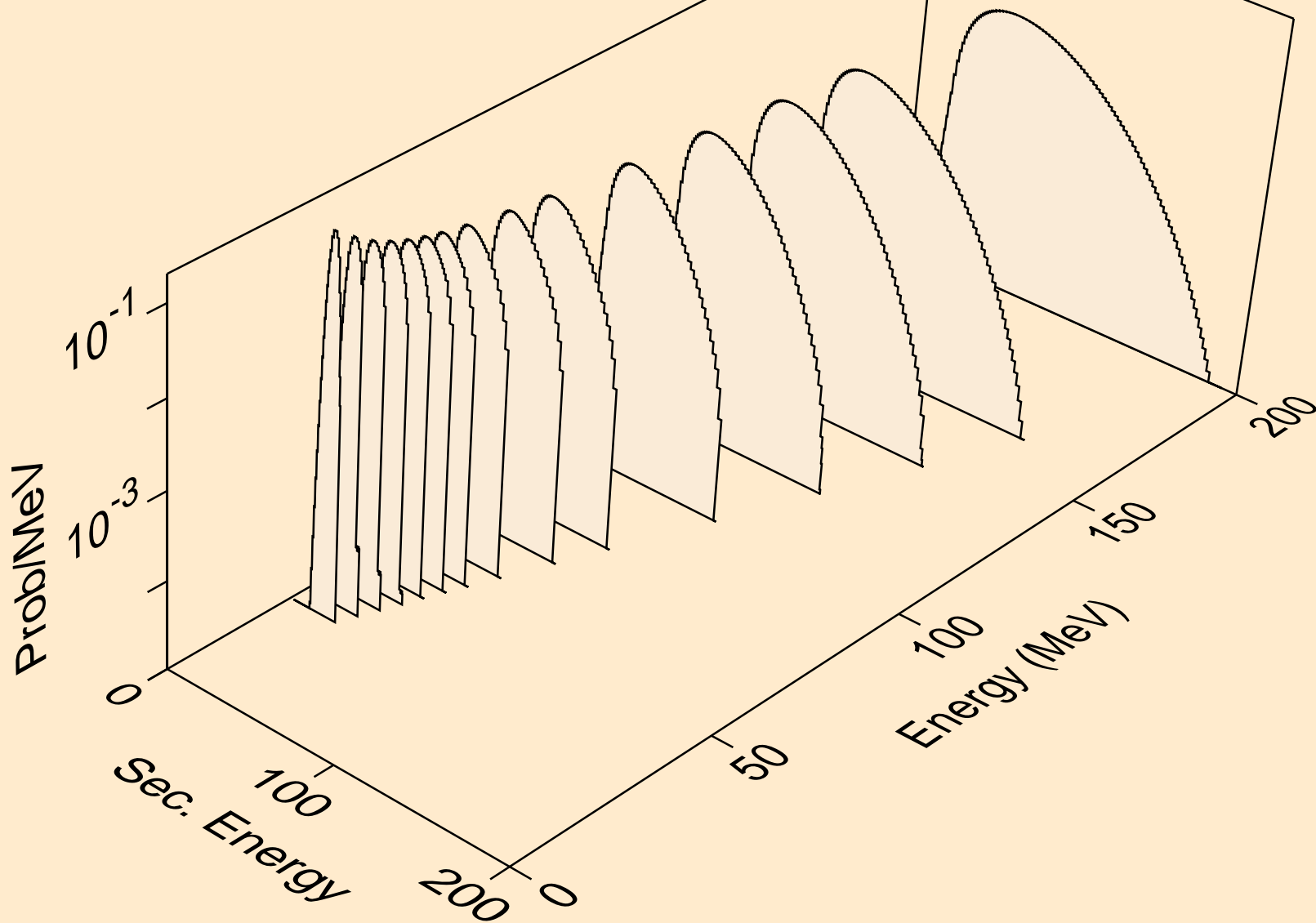




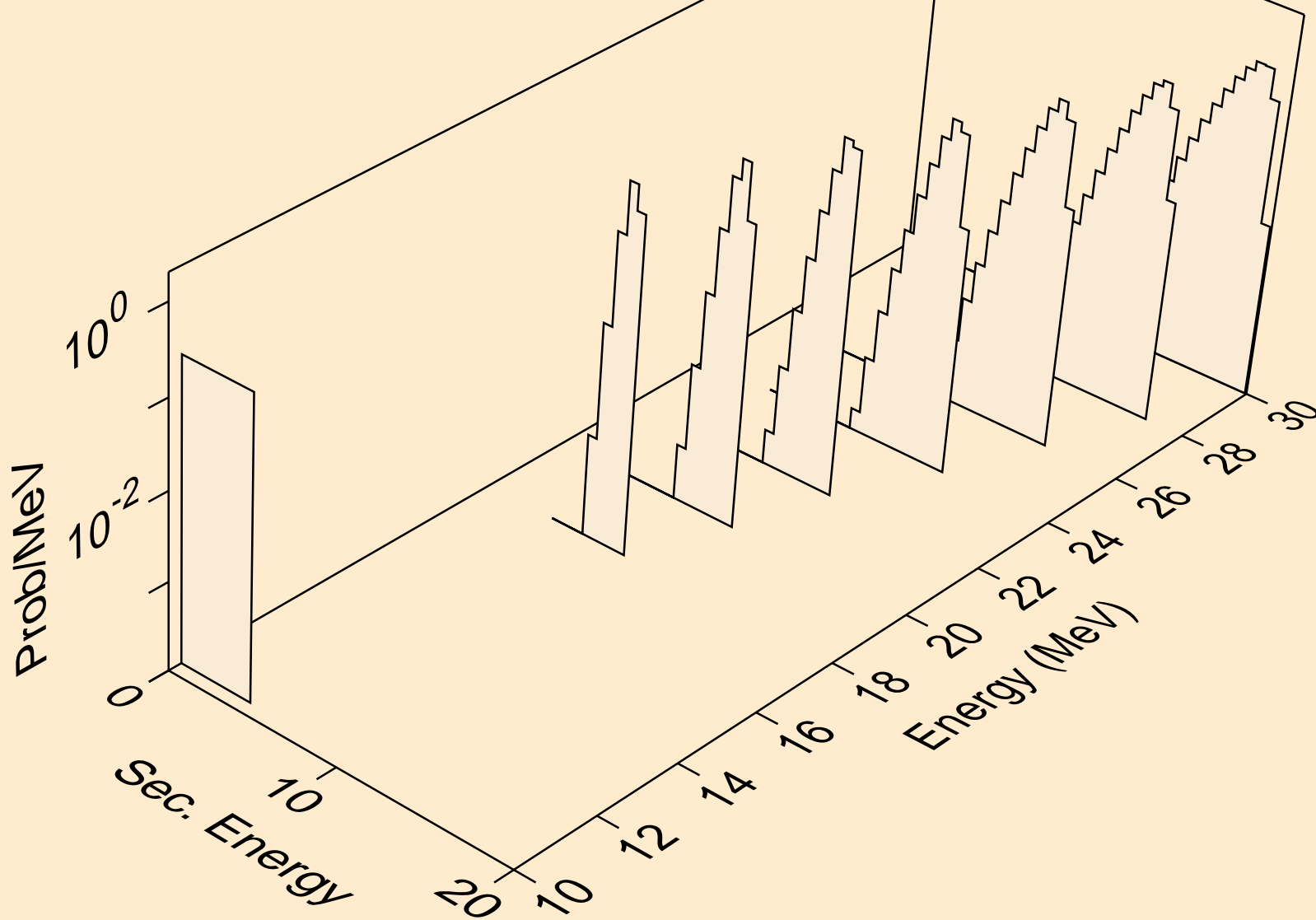
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



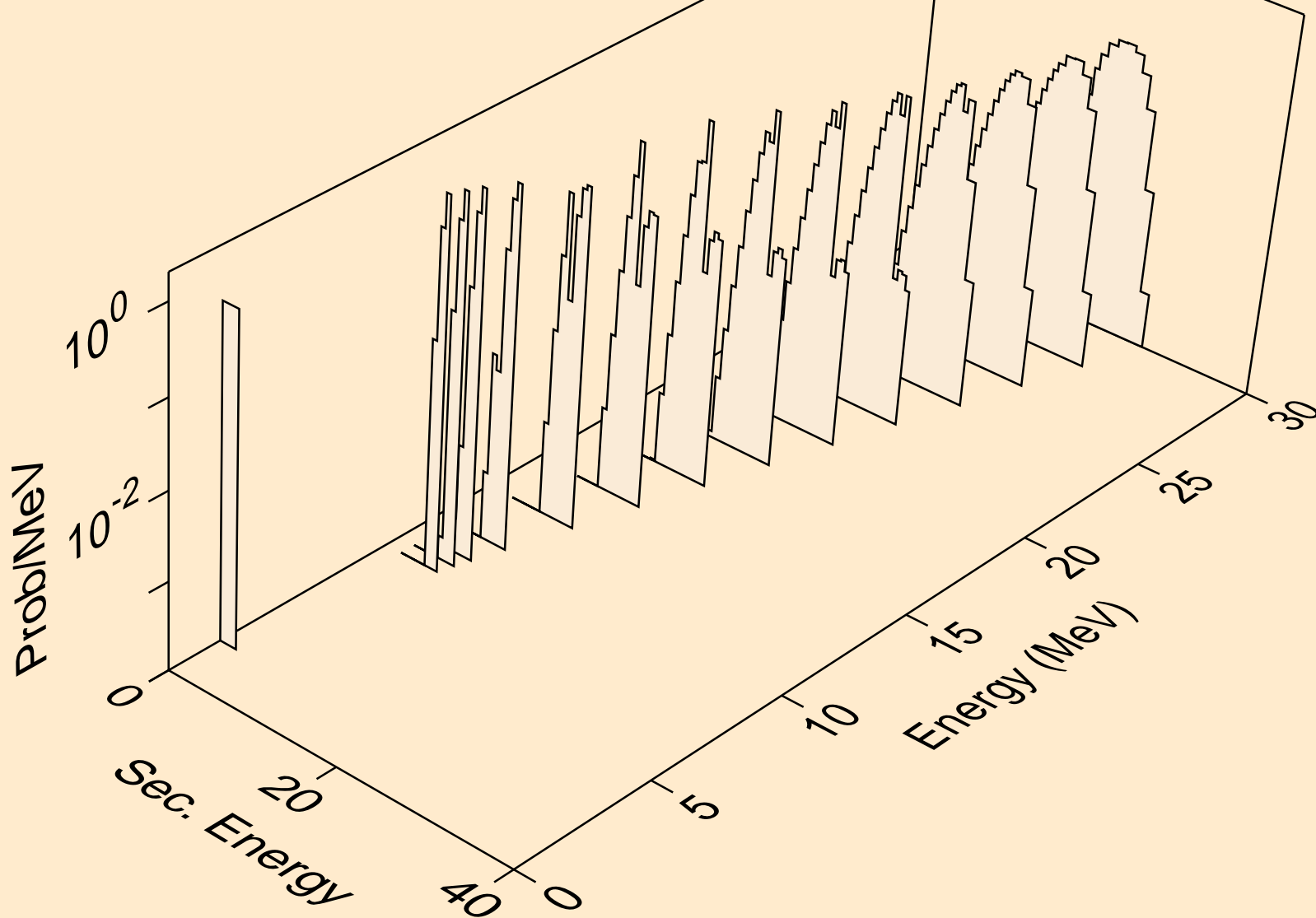
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



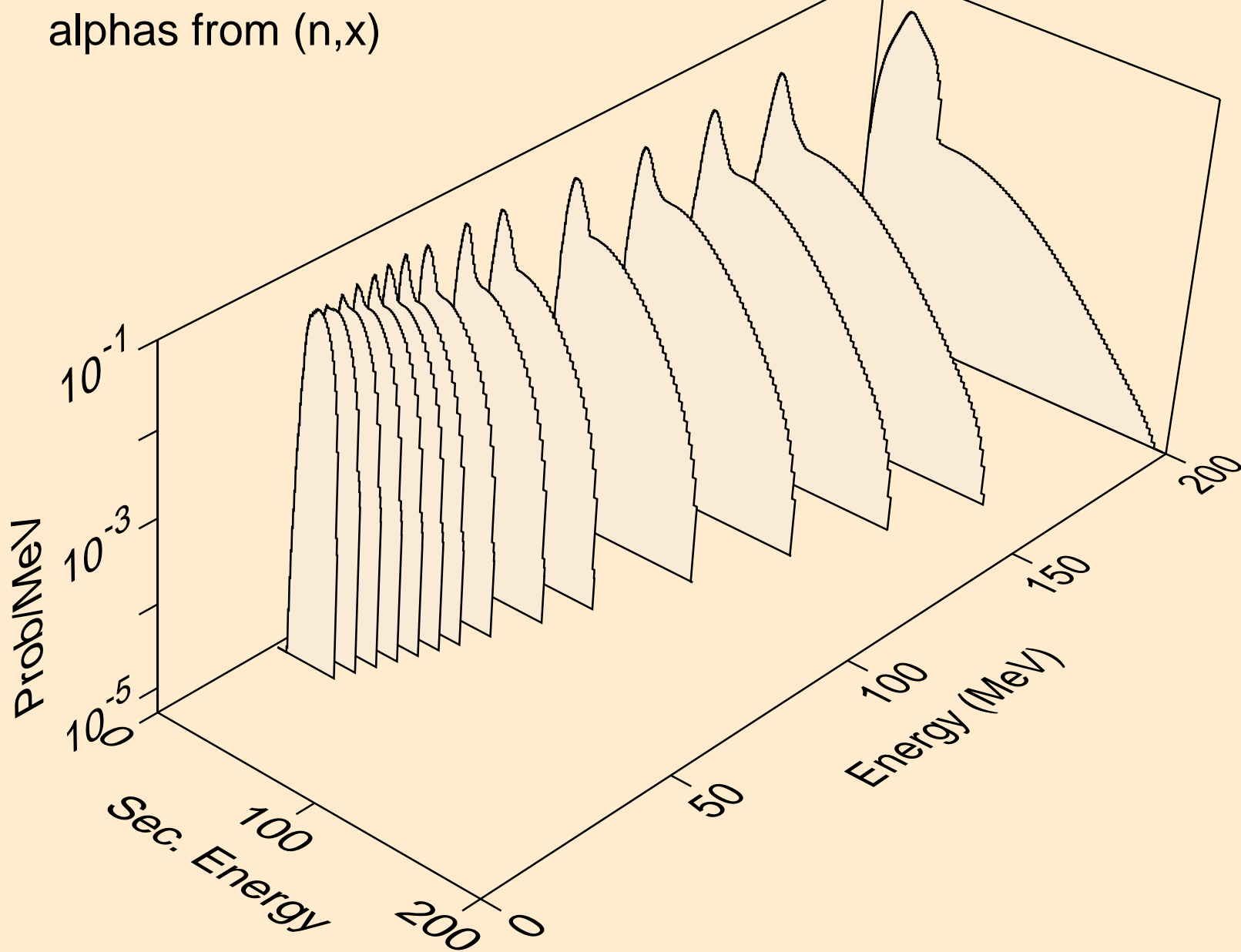
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



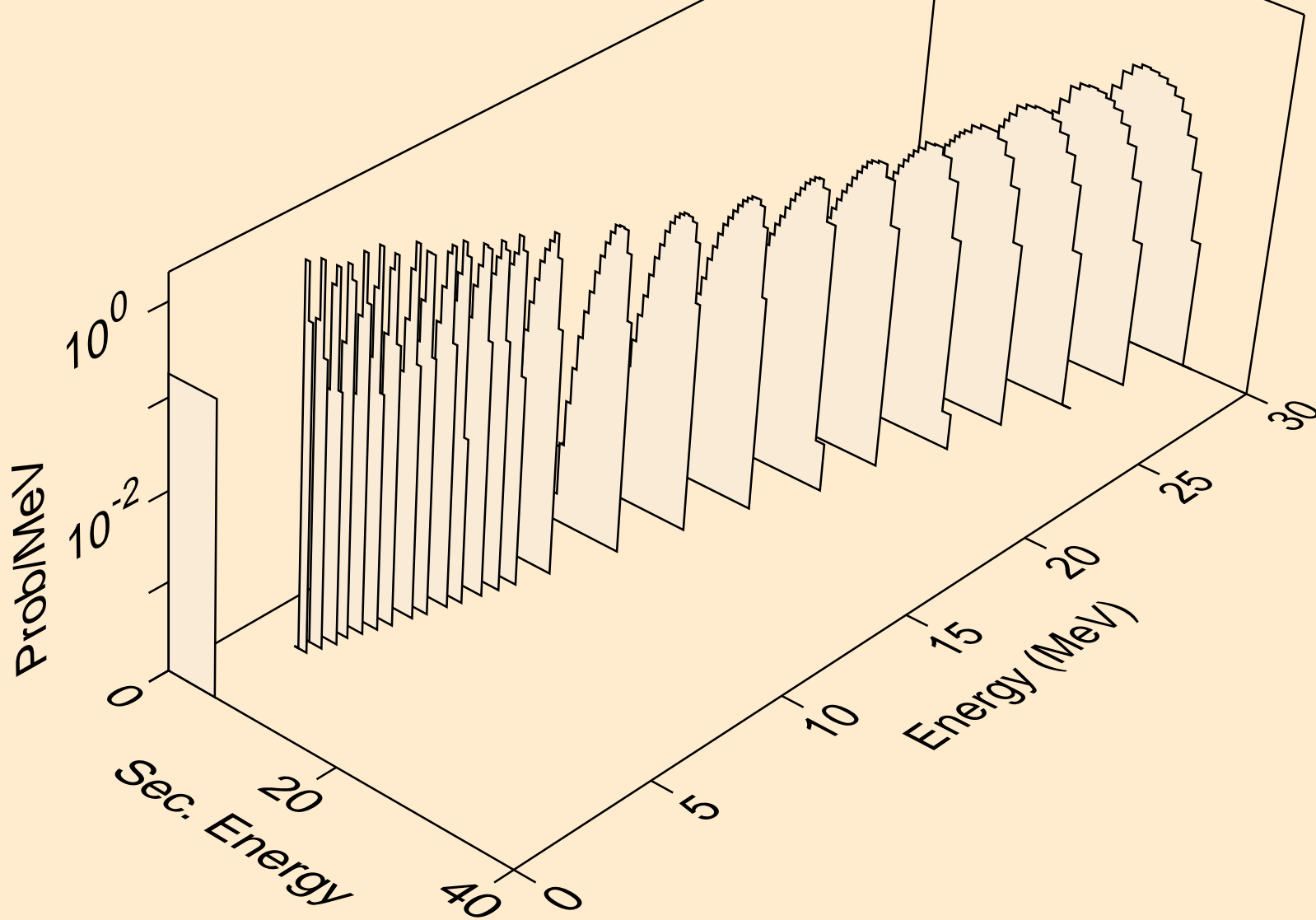
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



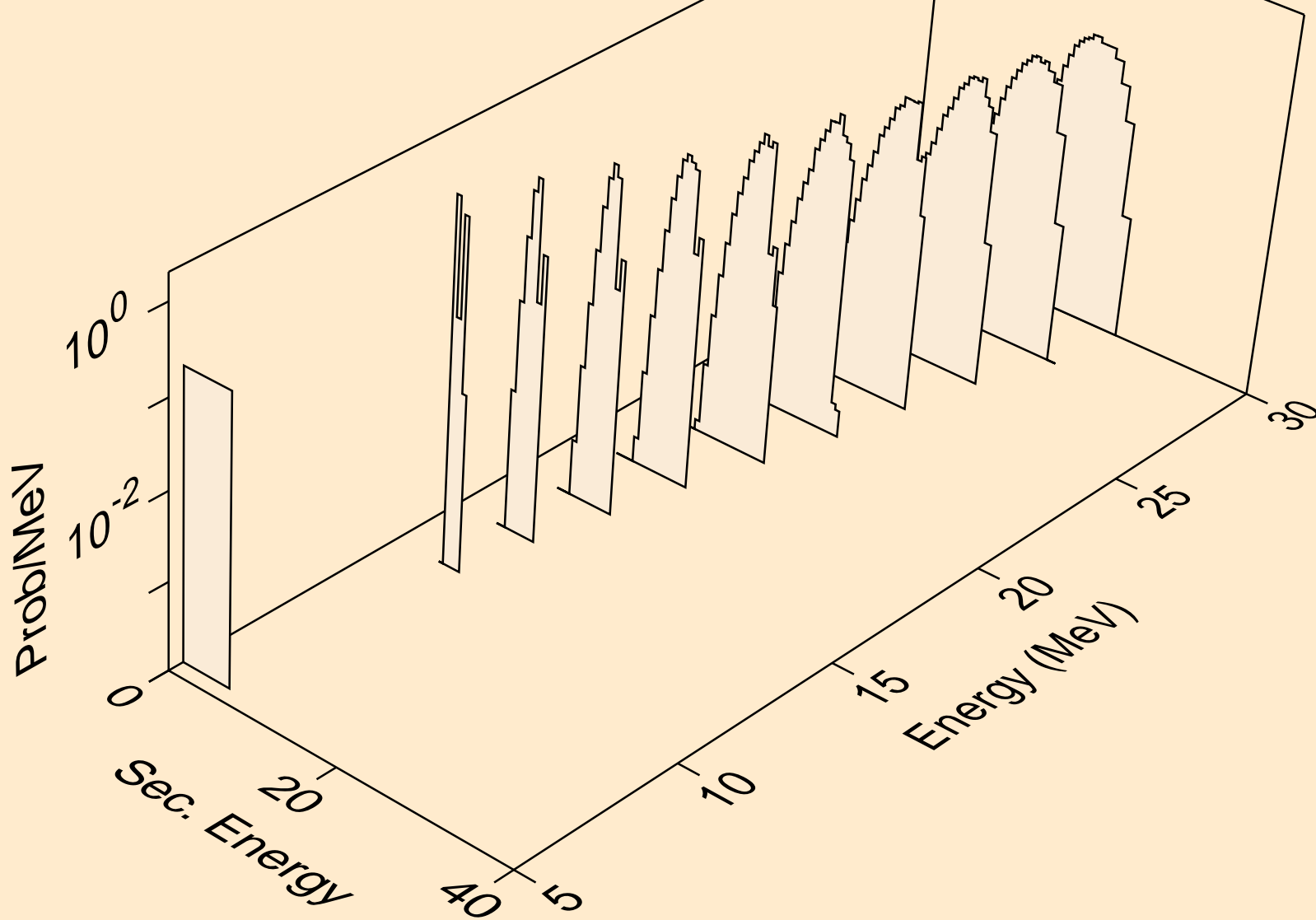
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



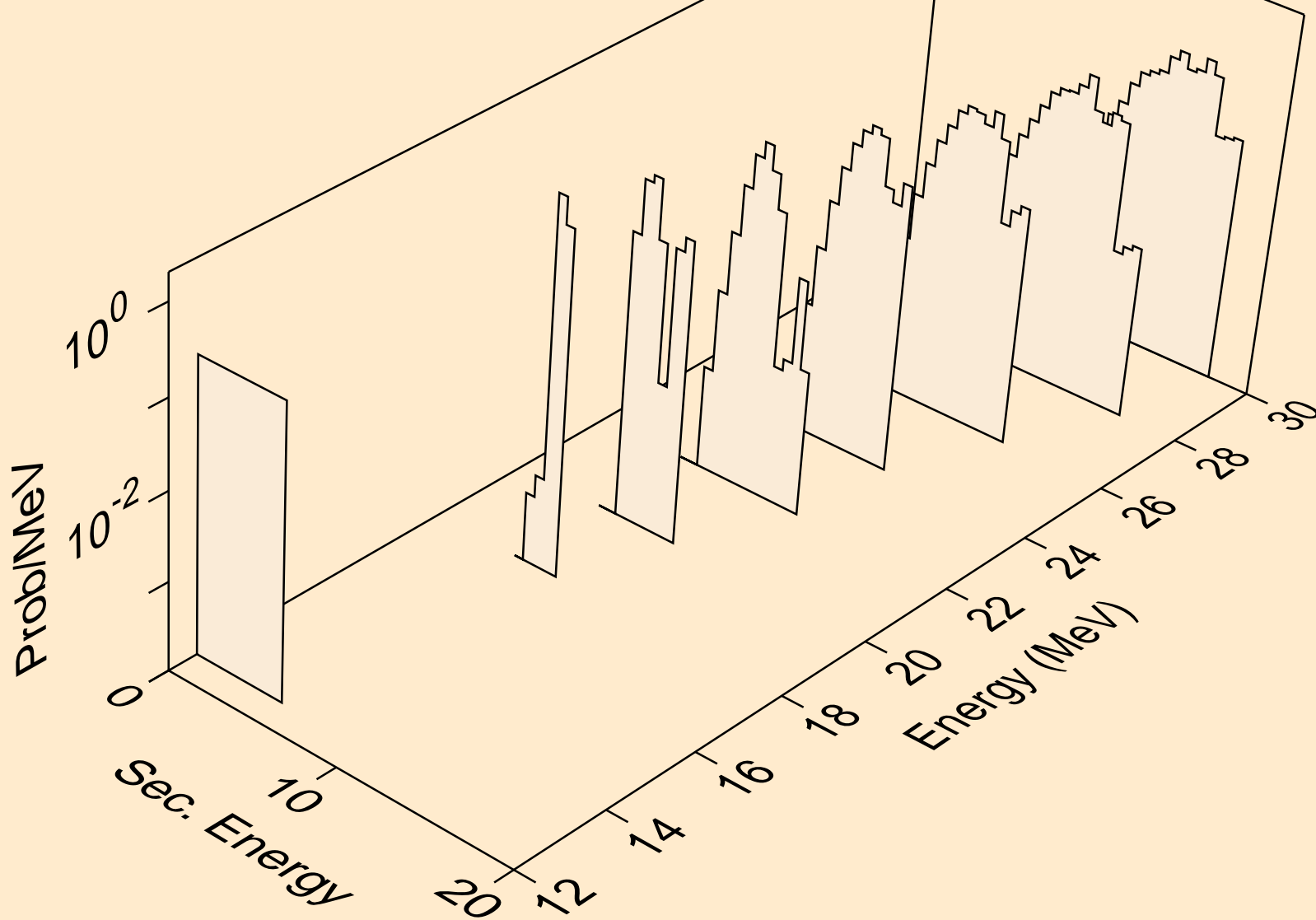
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

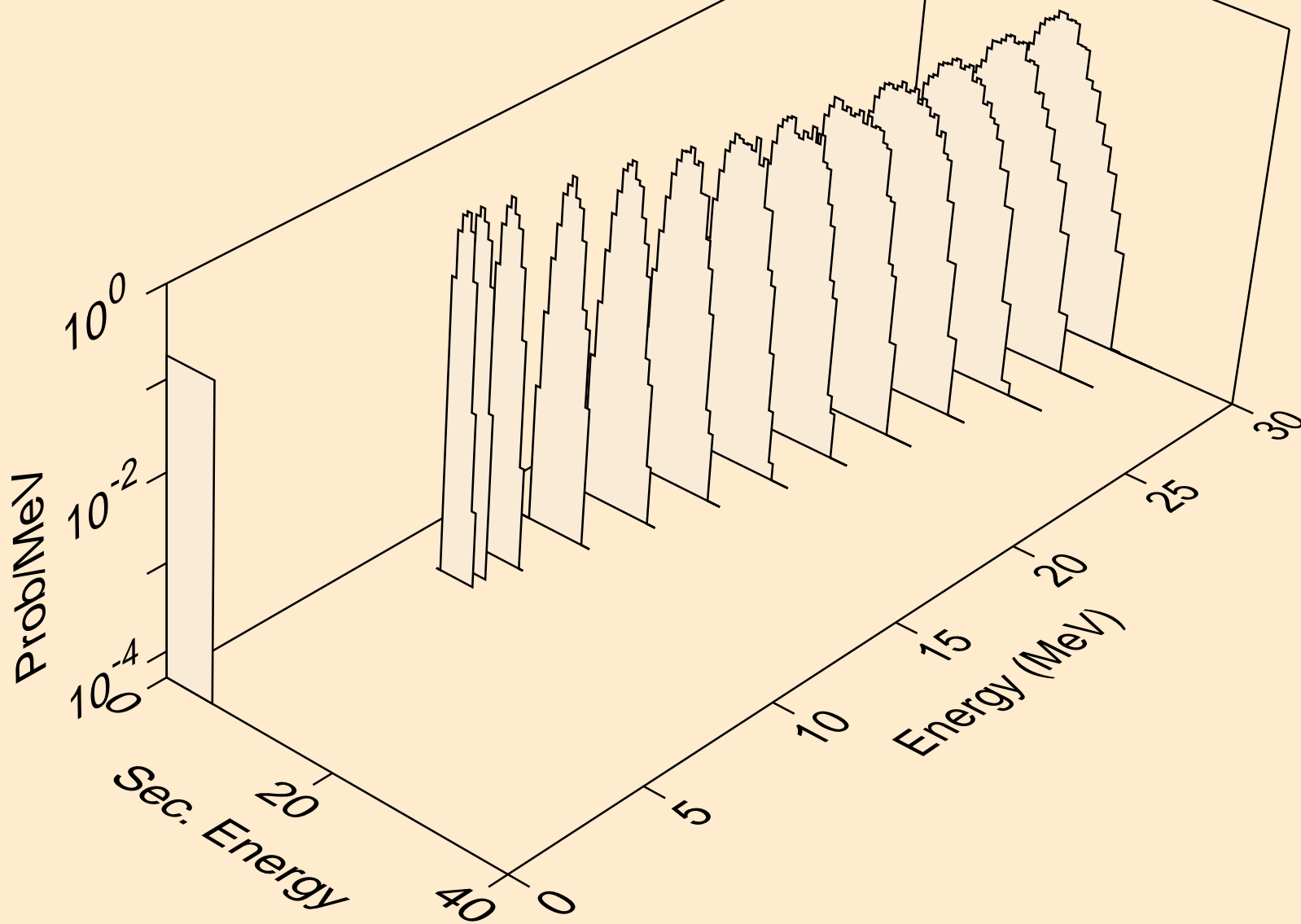


OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

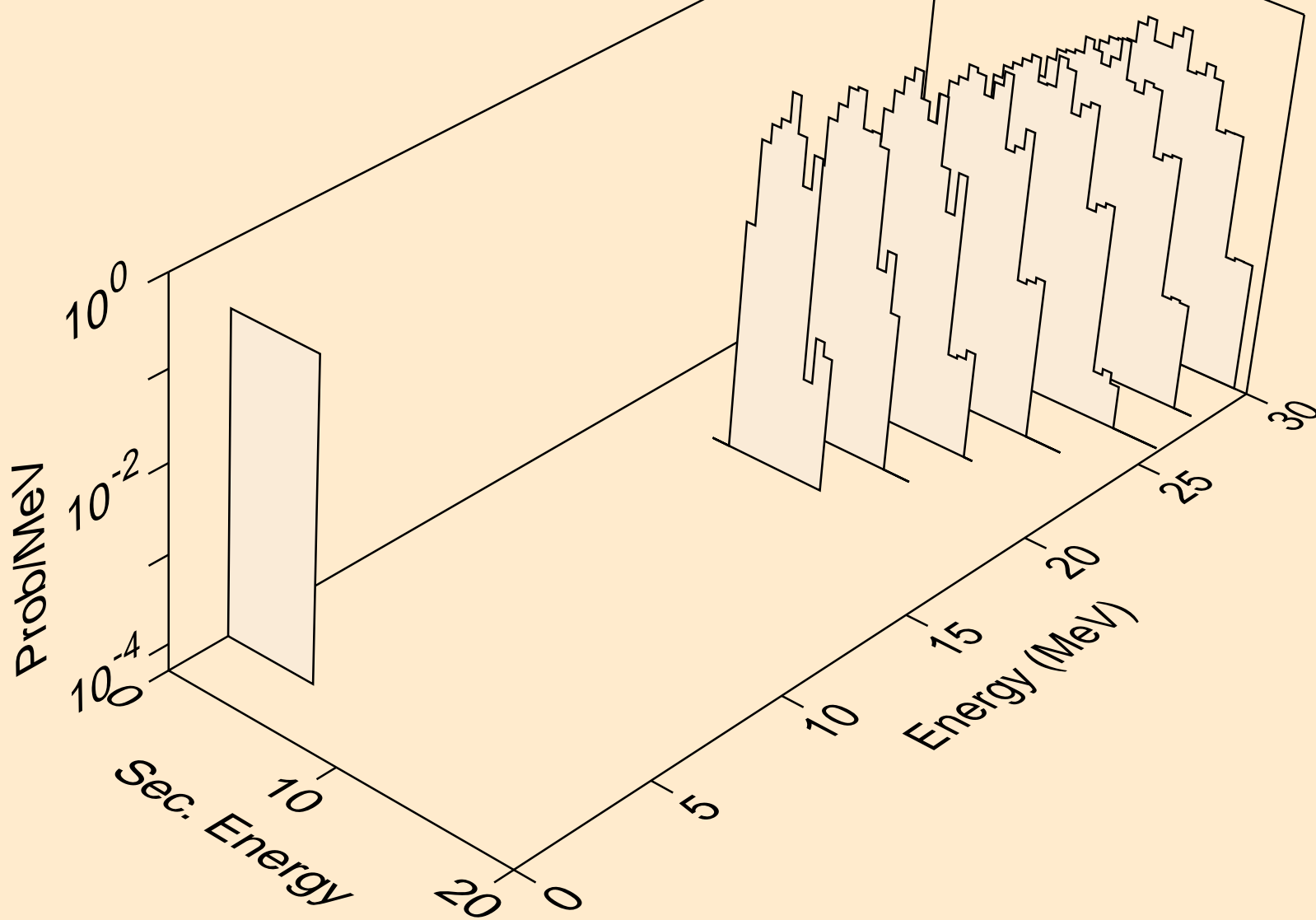




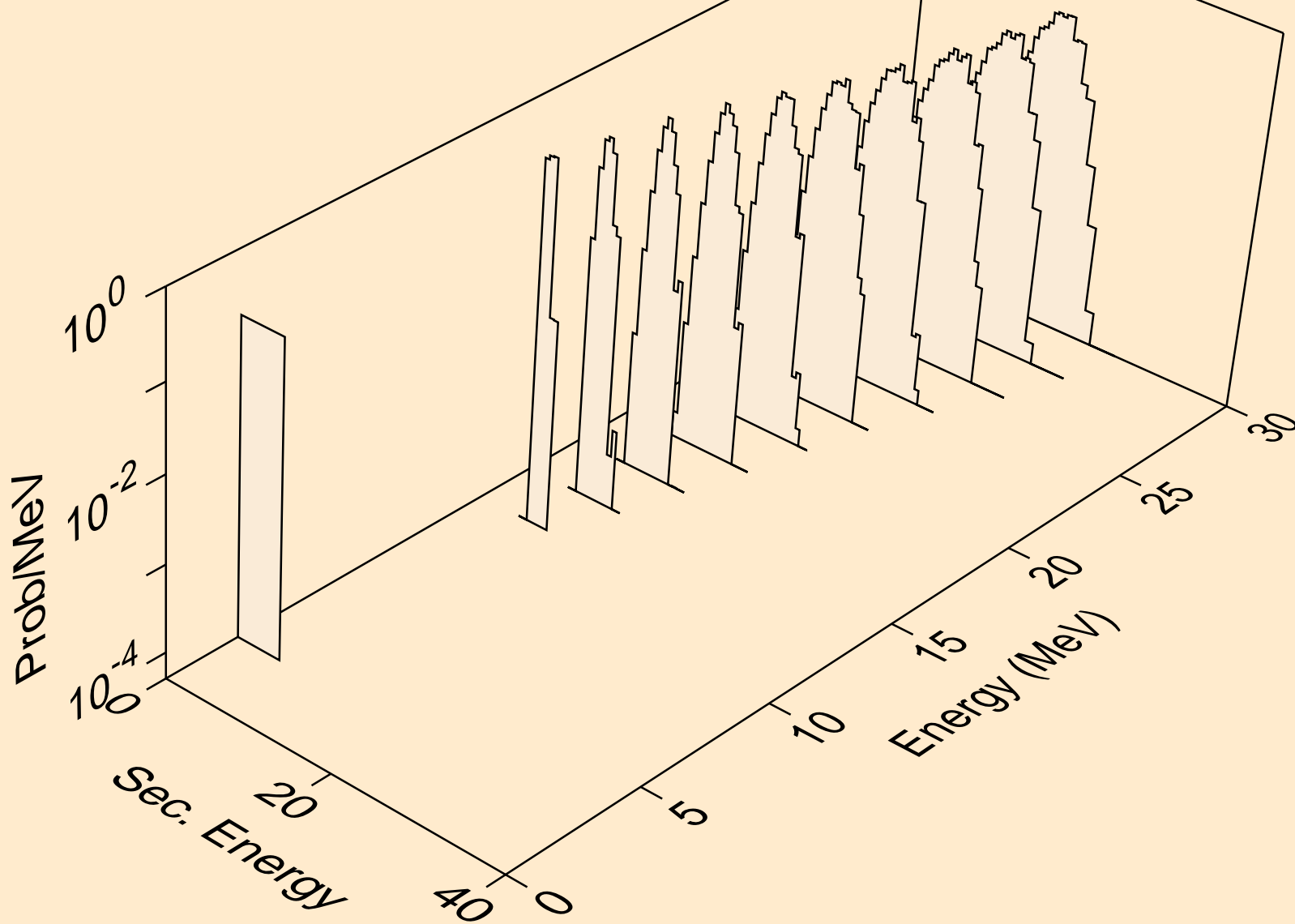
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



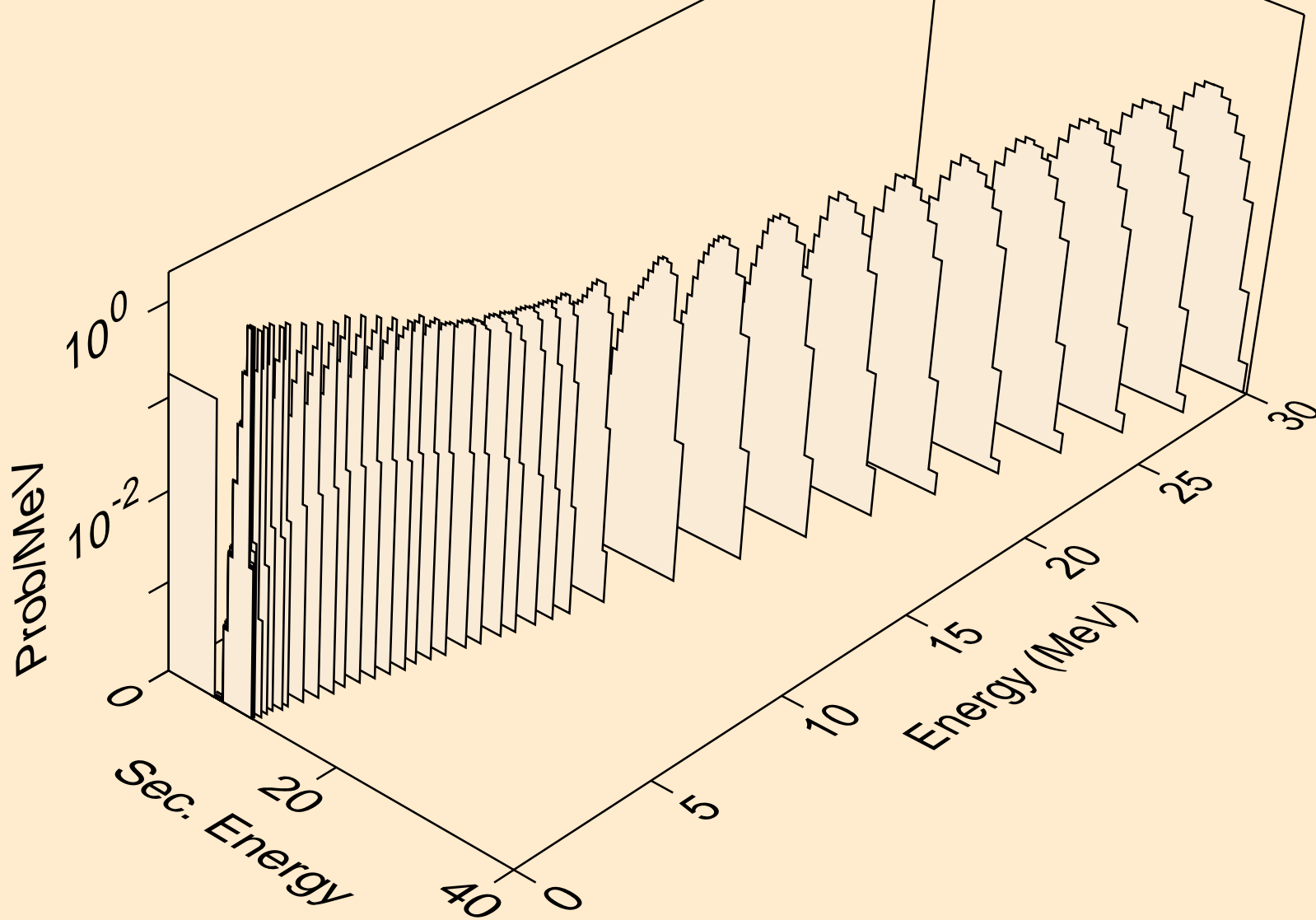
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



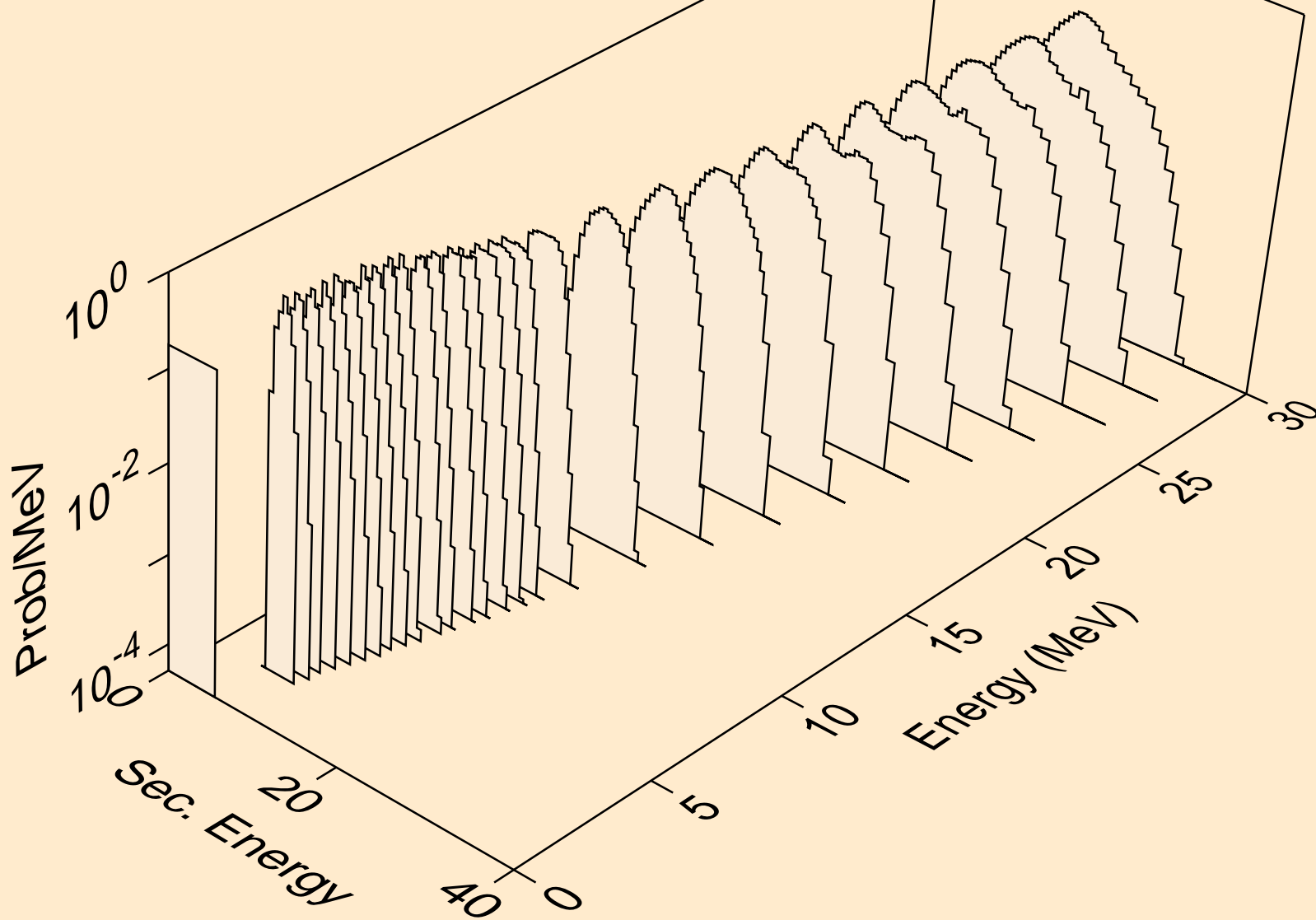
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



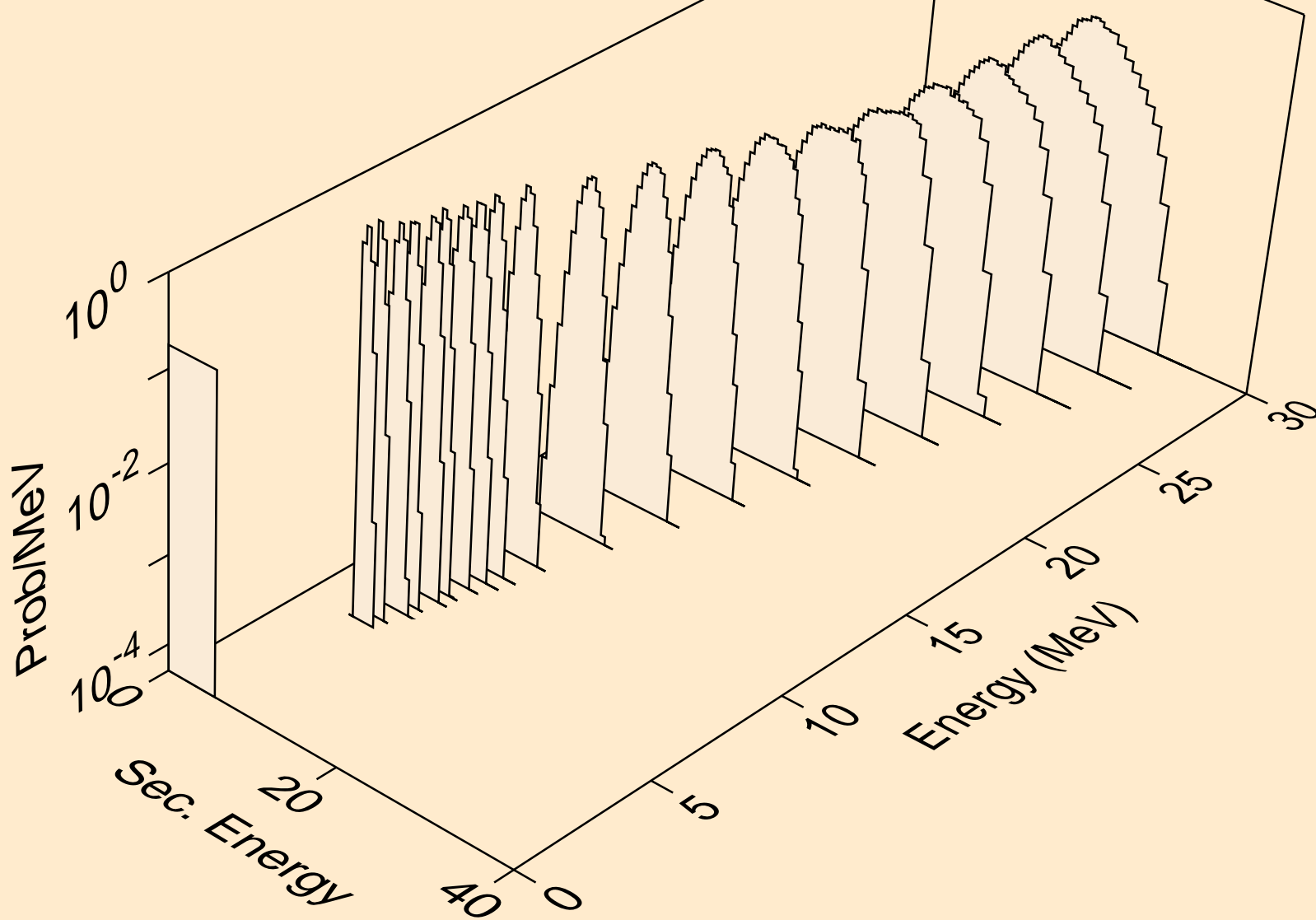
OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



OS182 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

