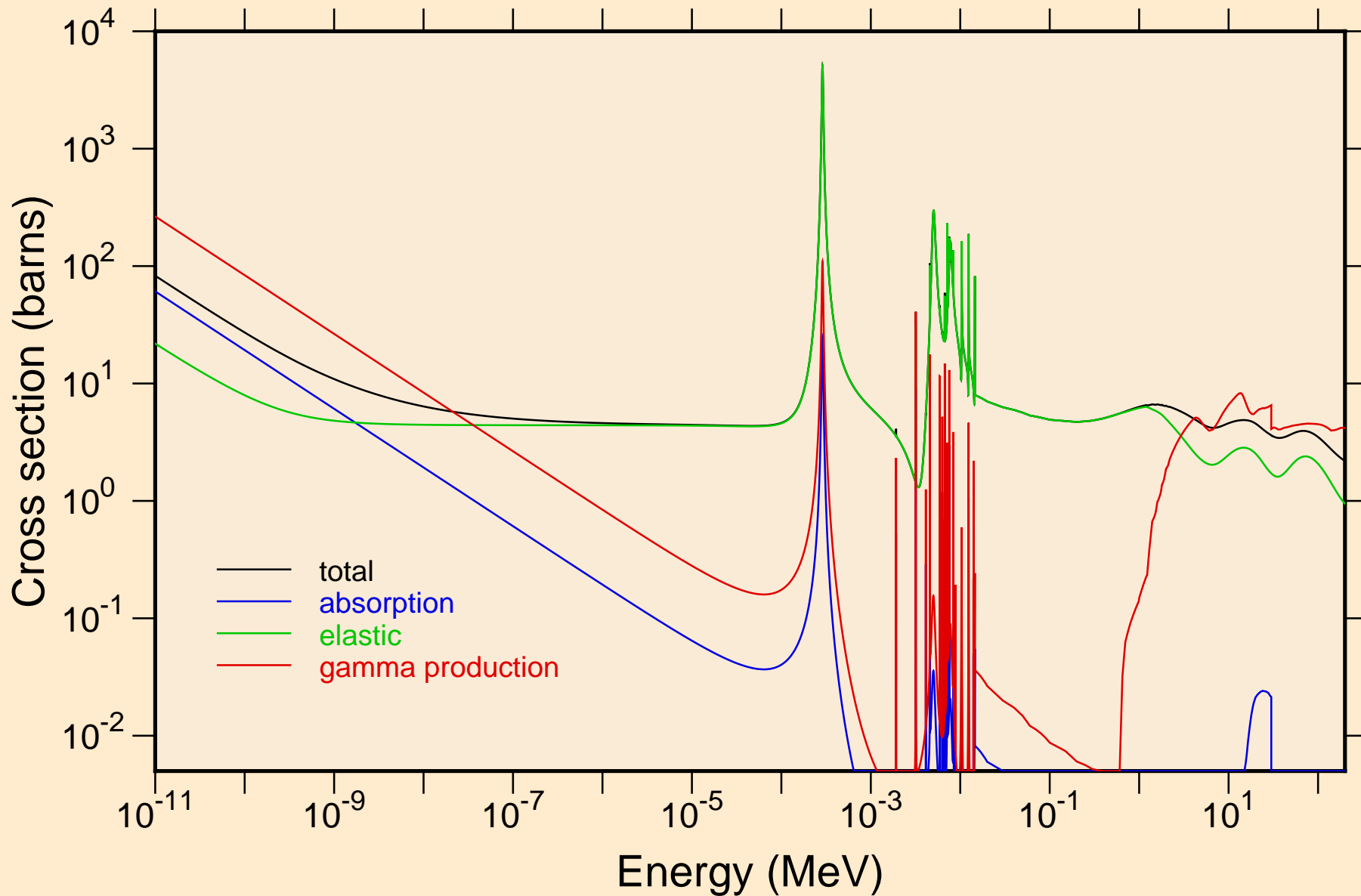
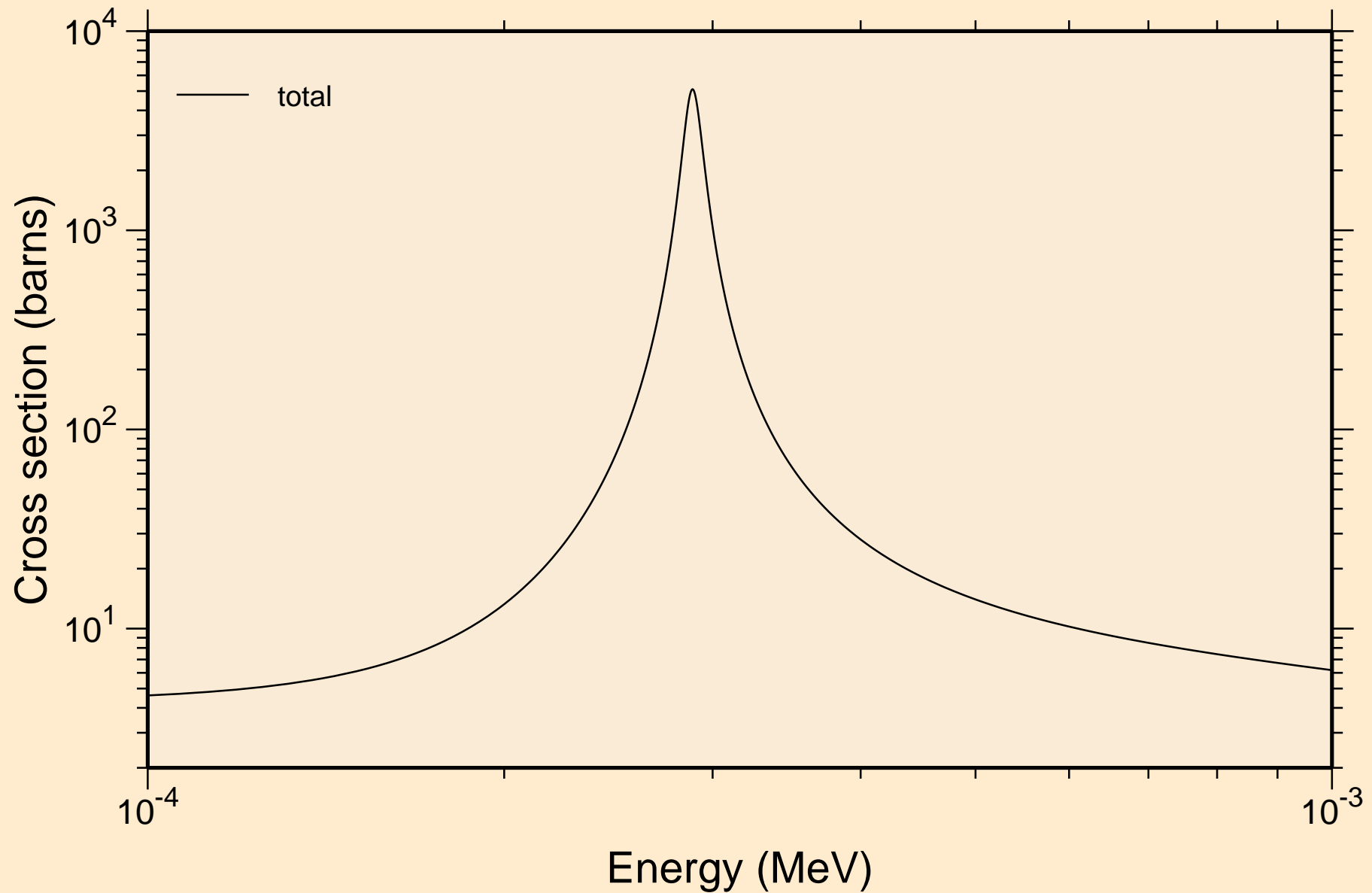


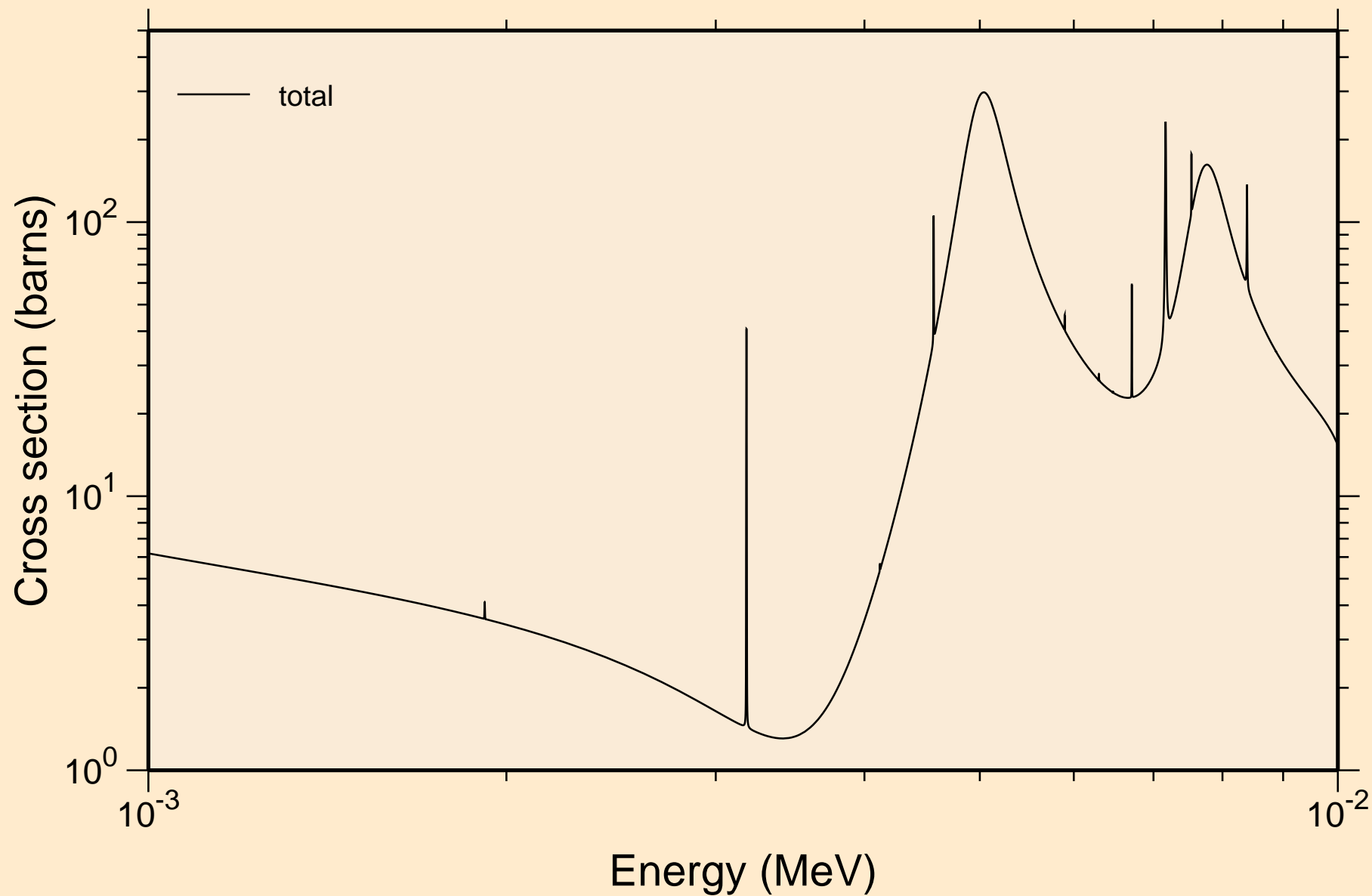
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



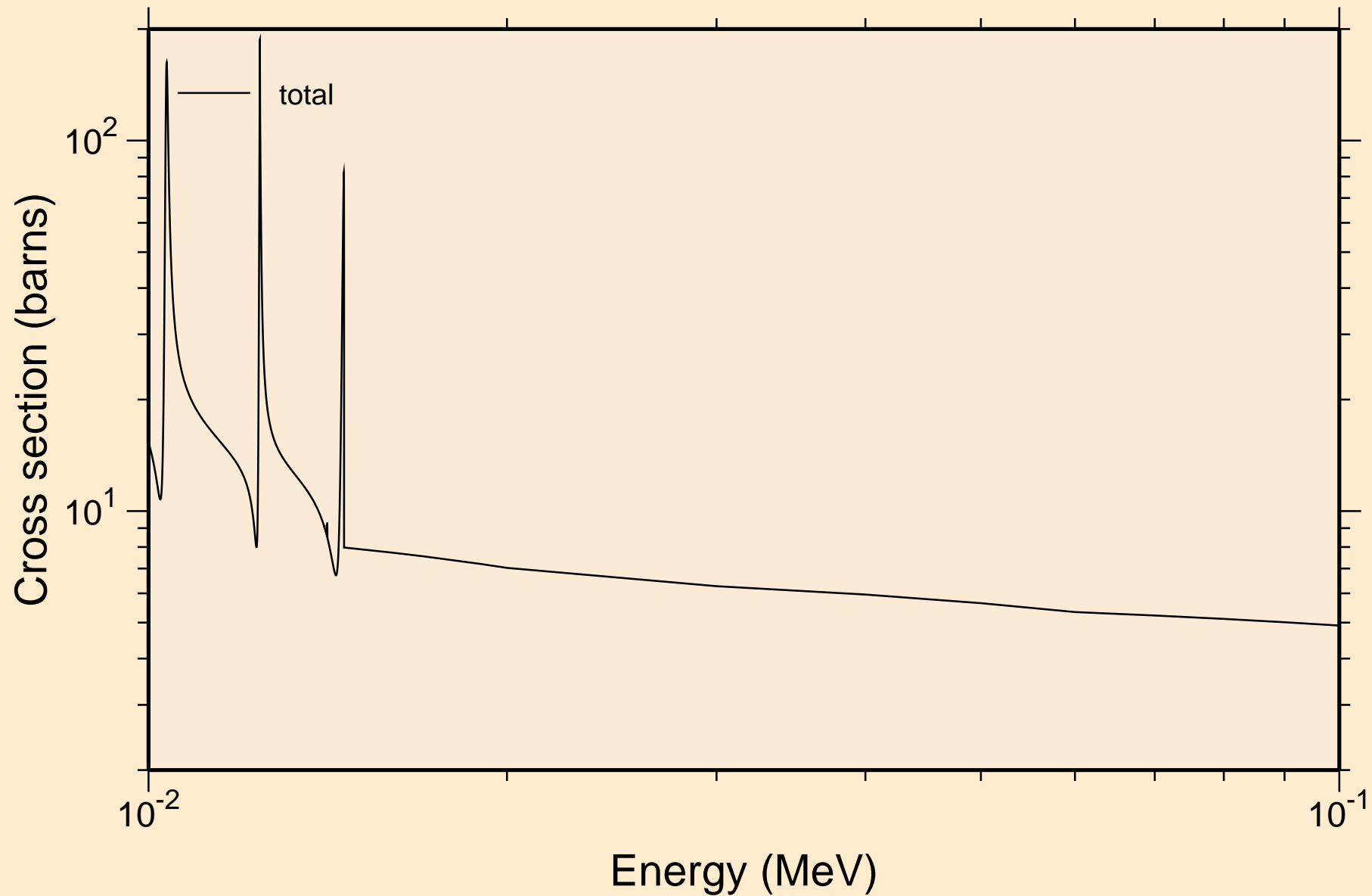
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



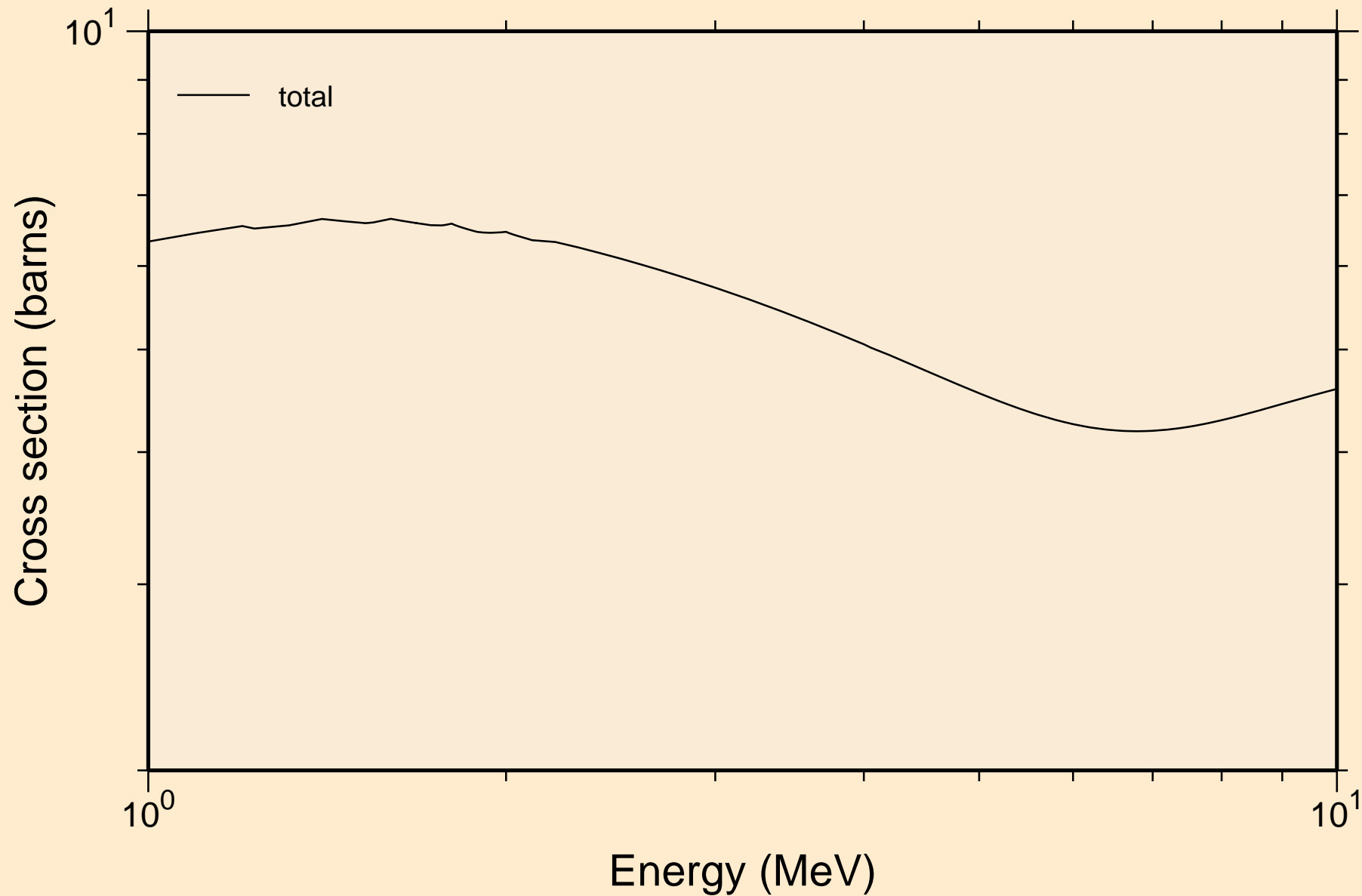
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



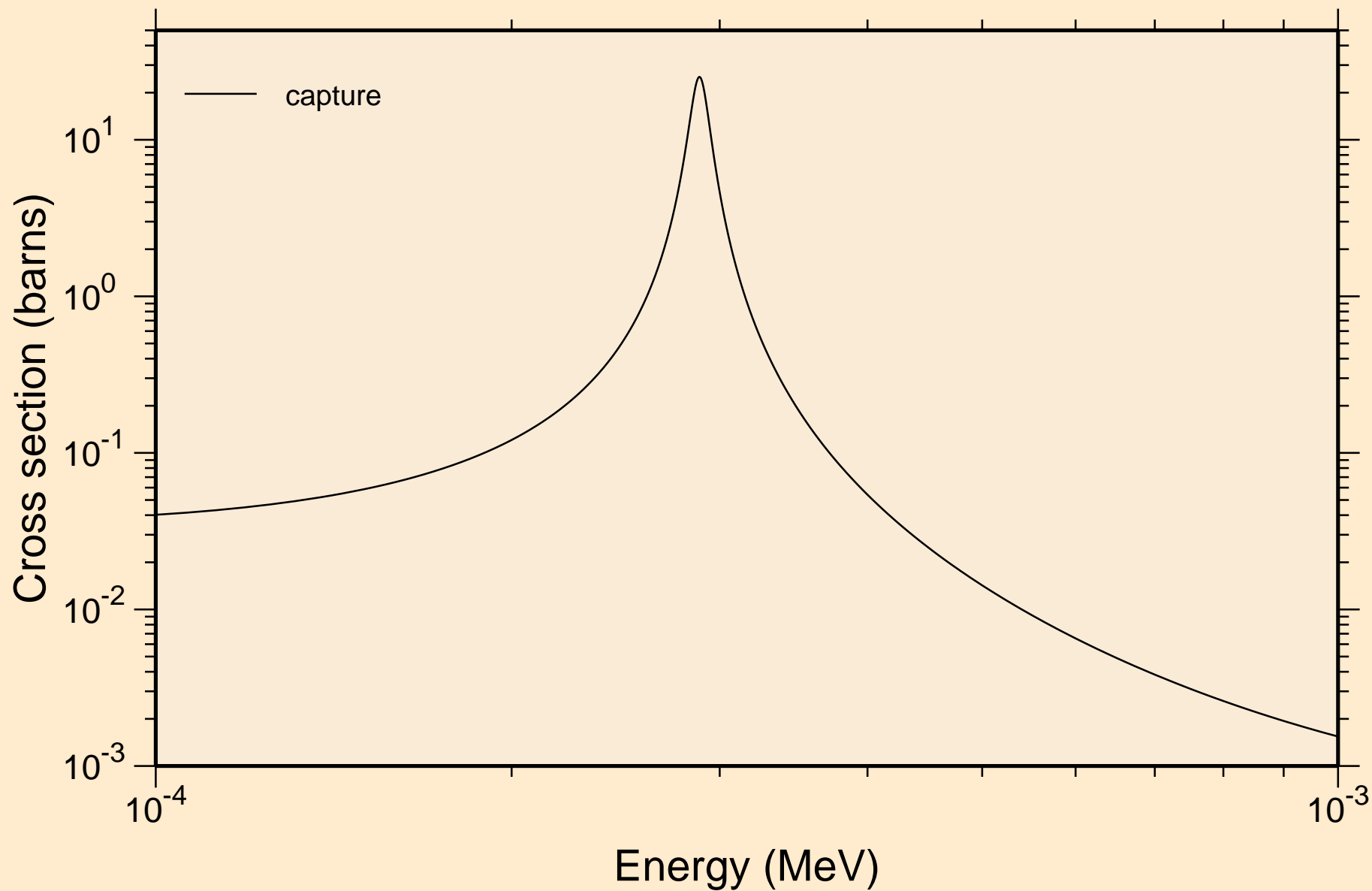
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



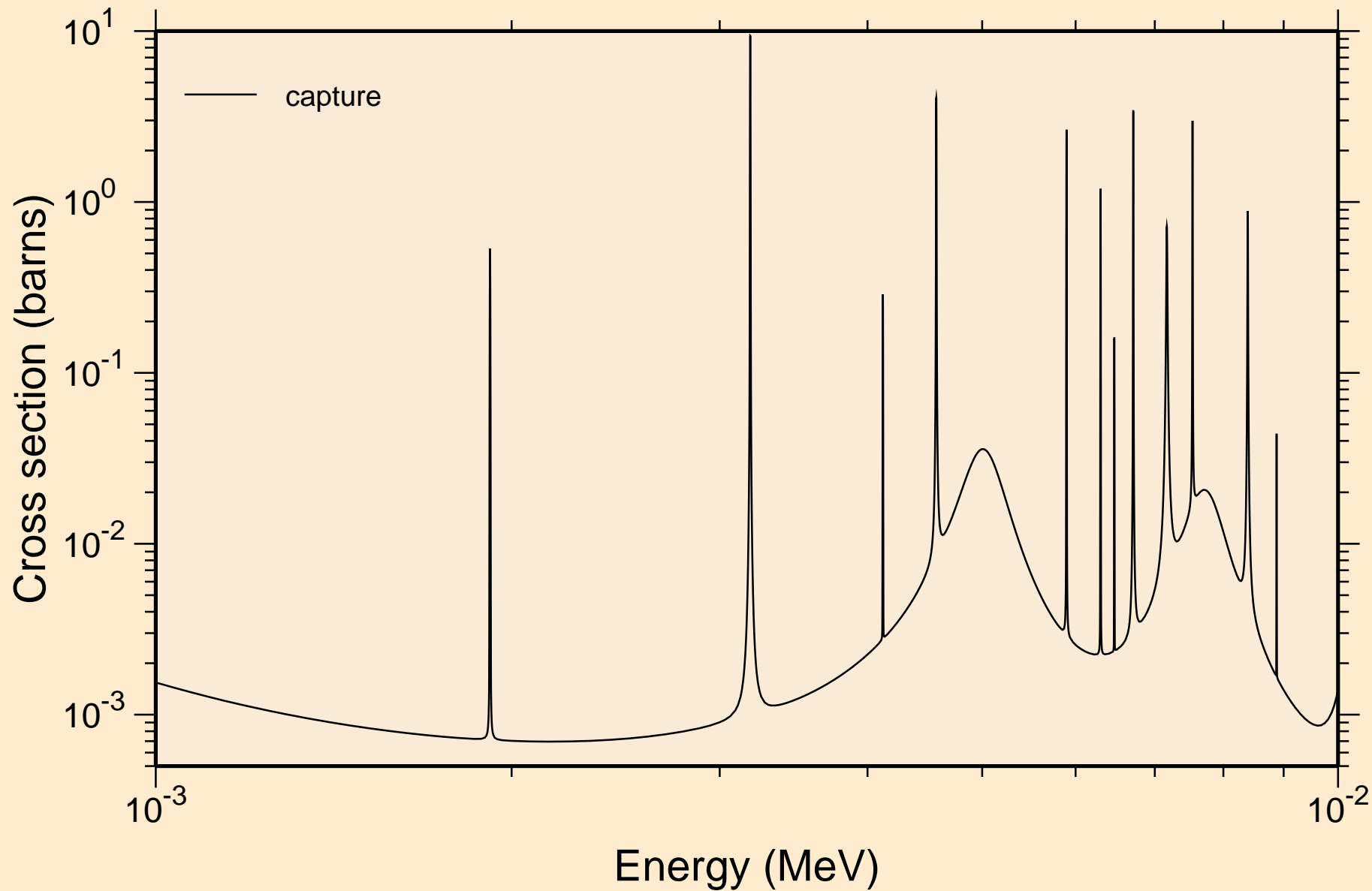
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



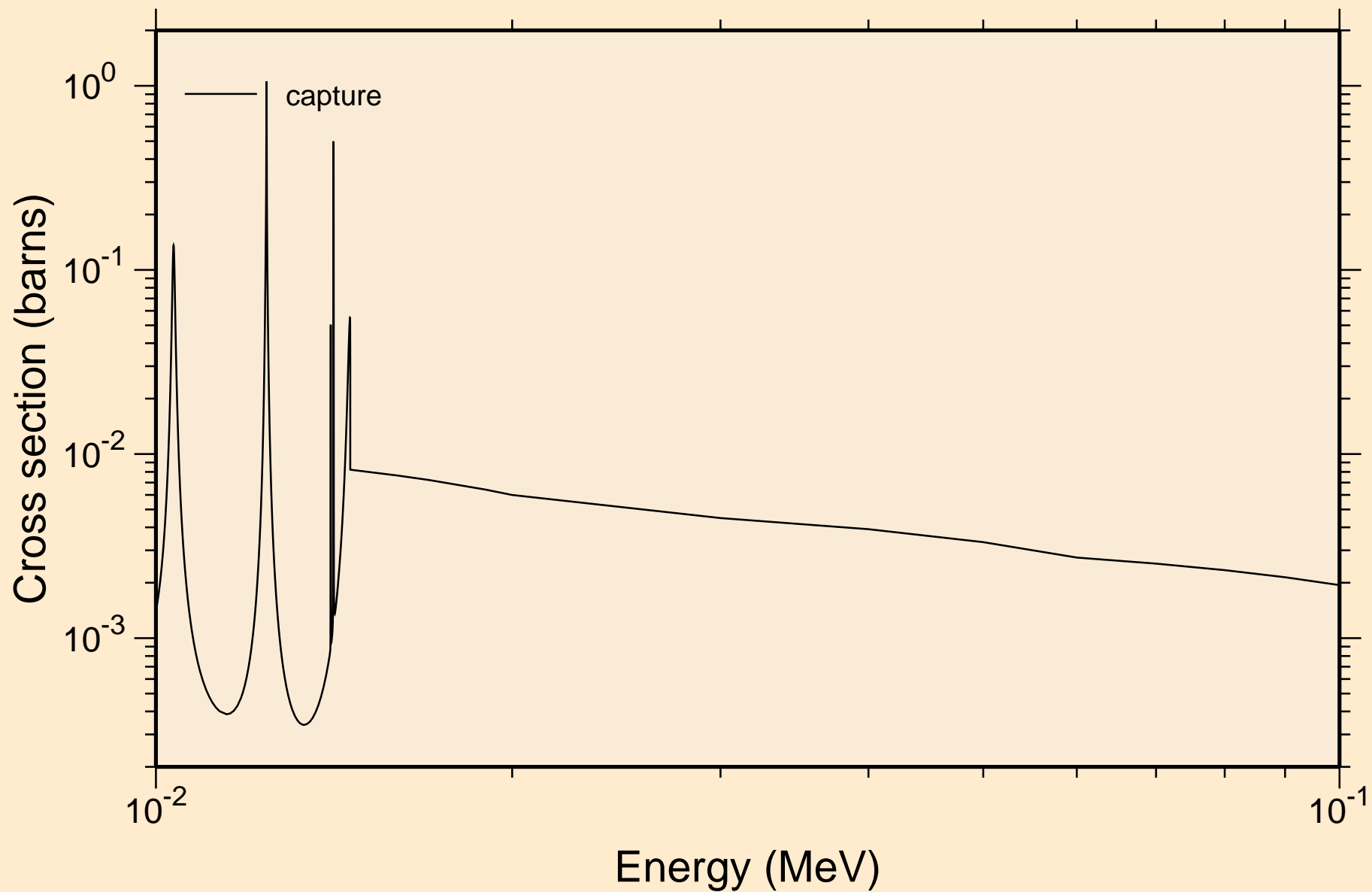
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

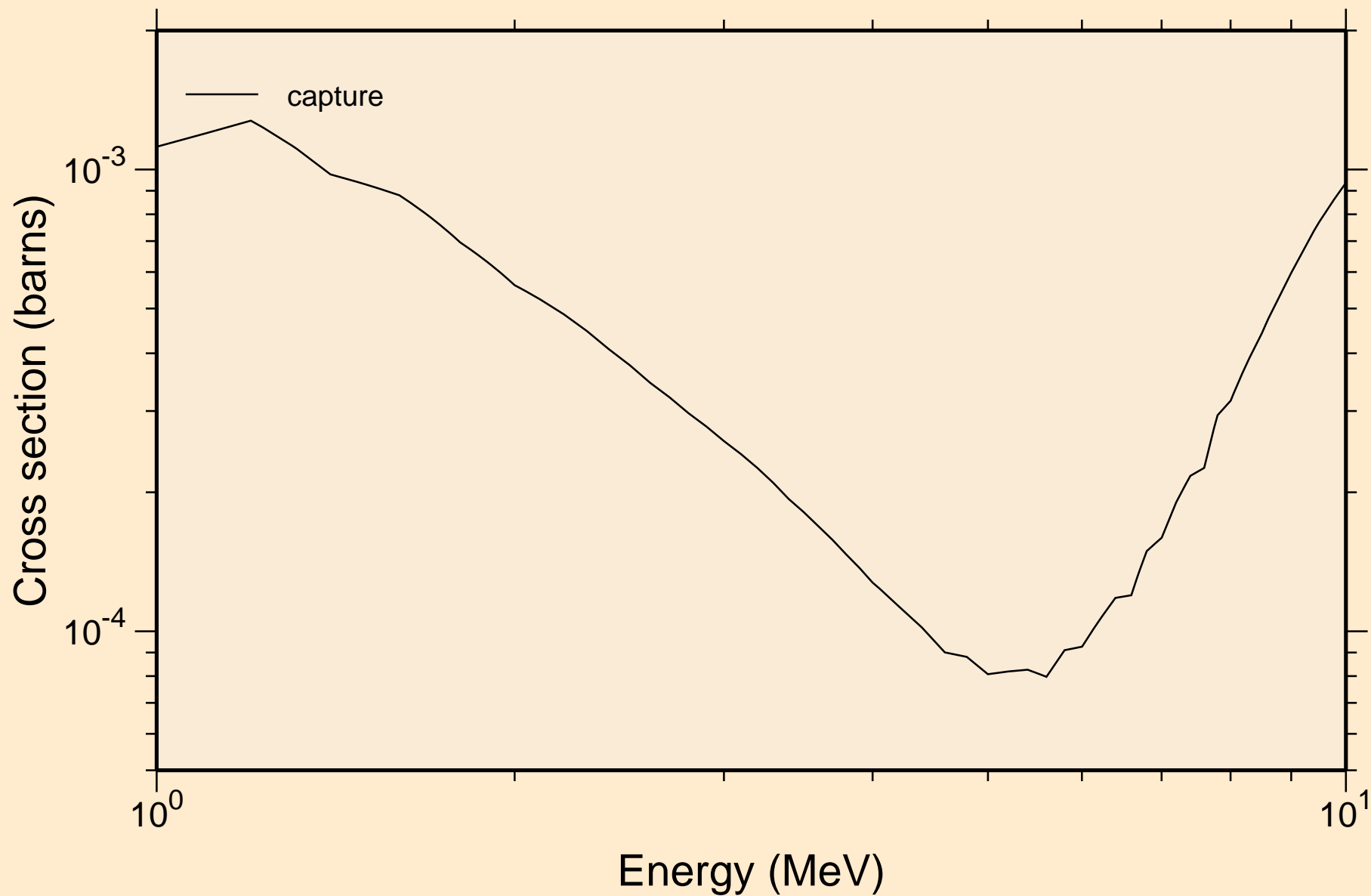


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

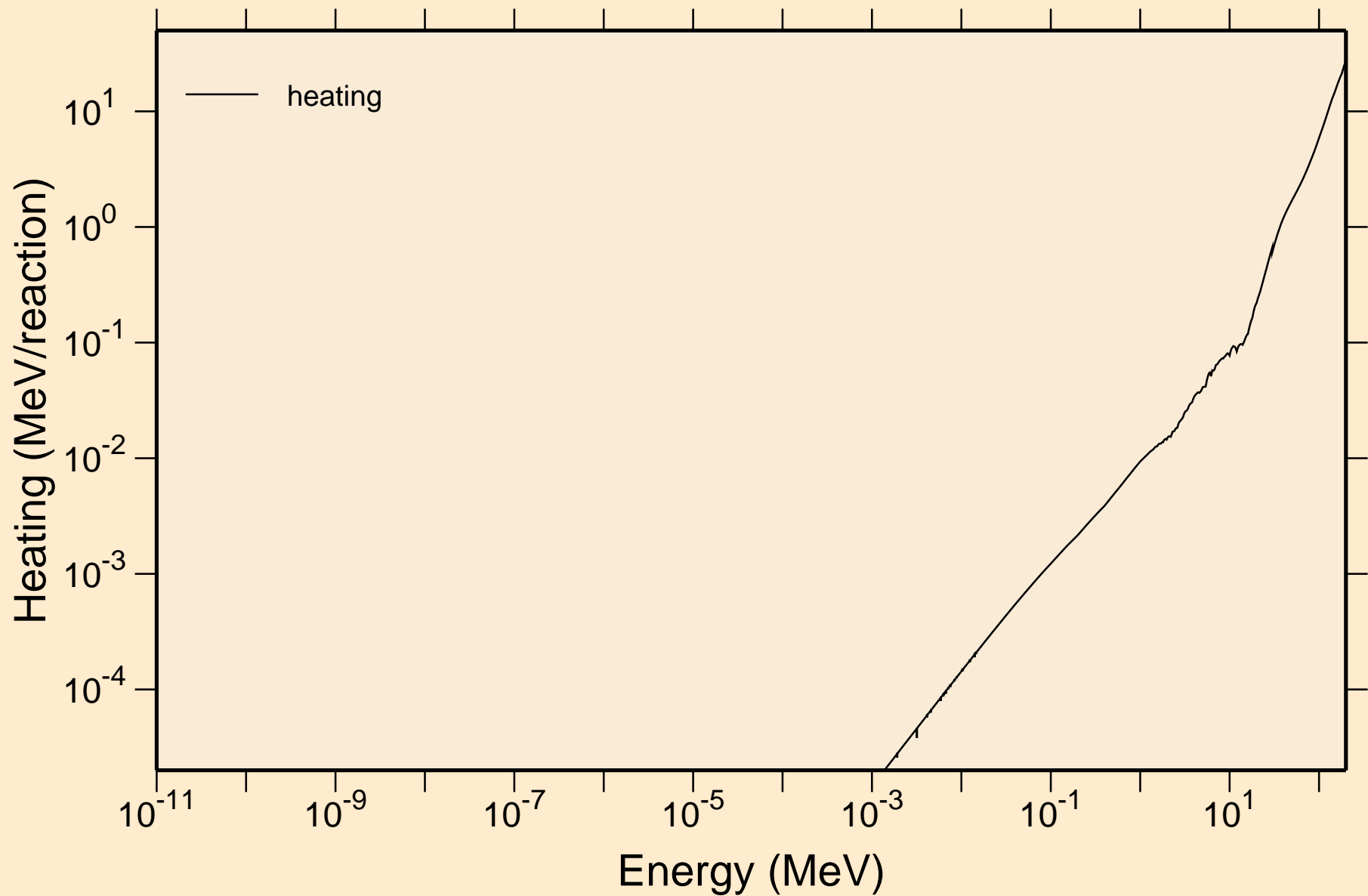




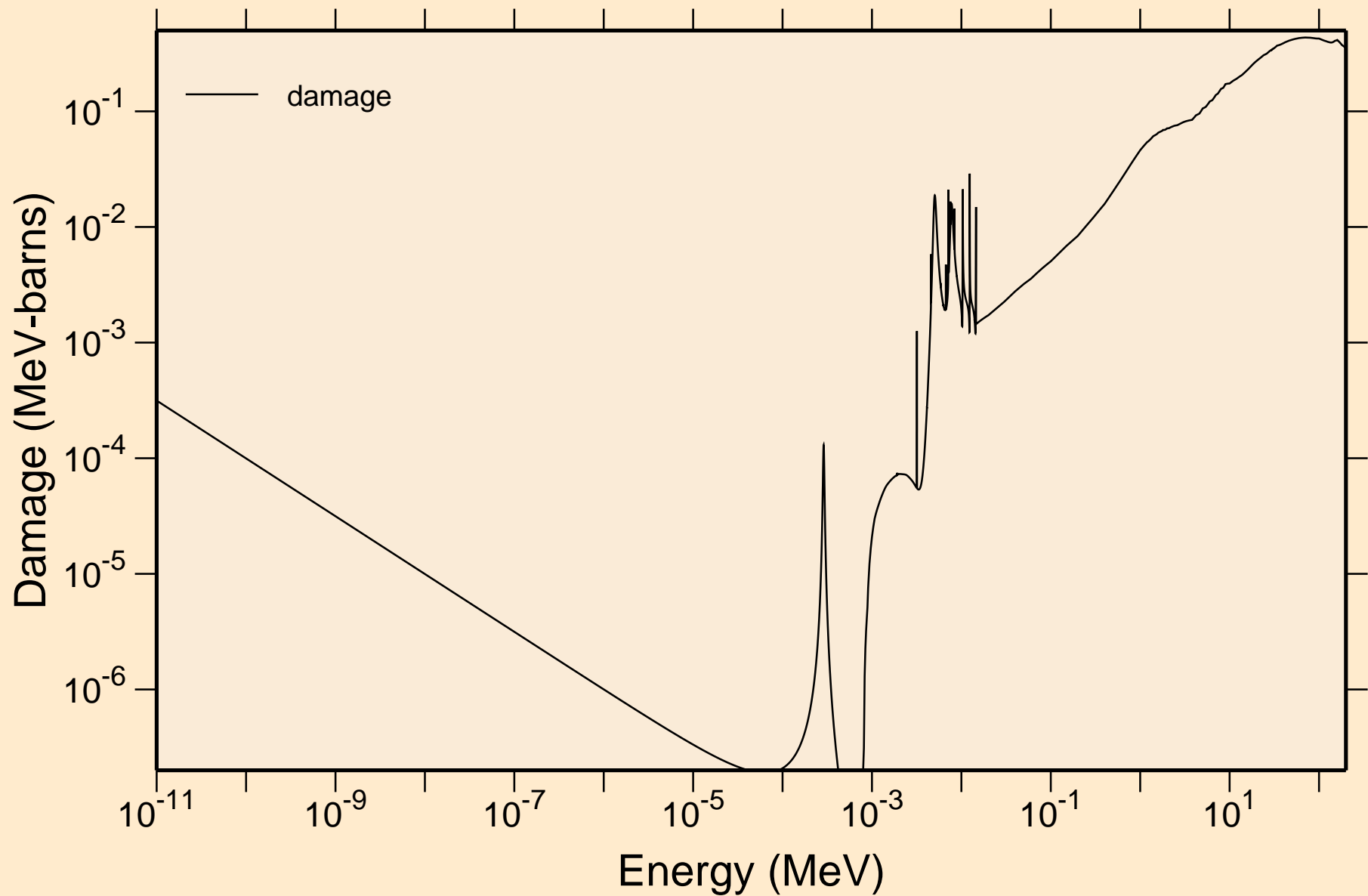
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



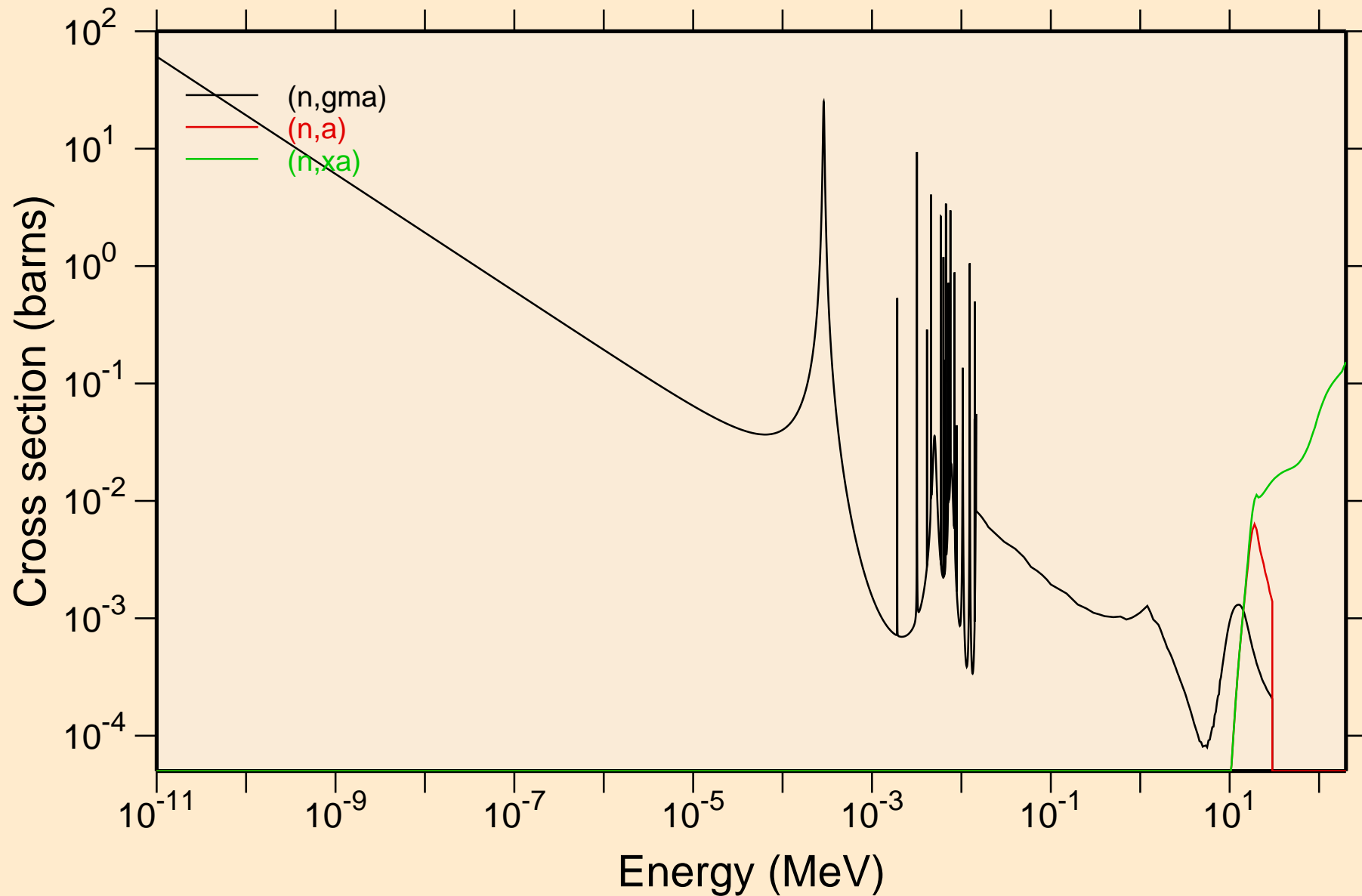
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



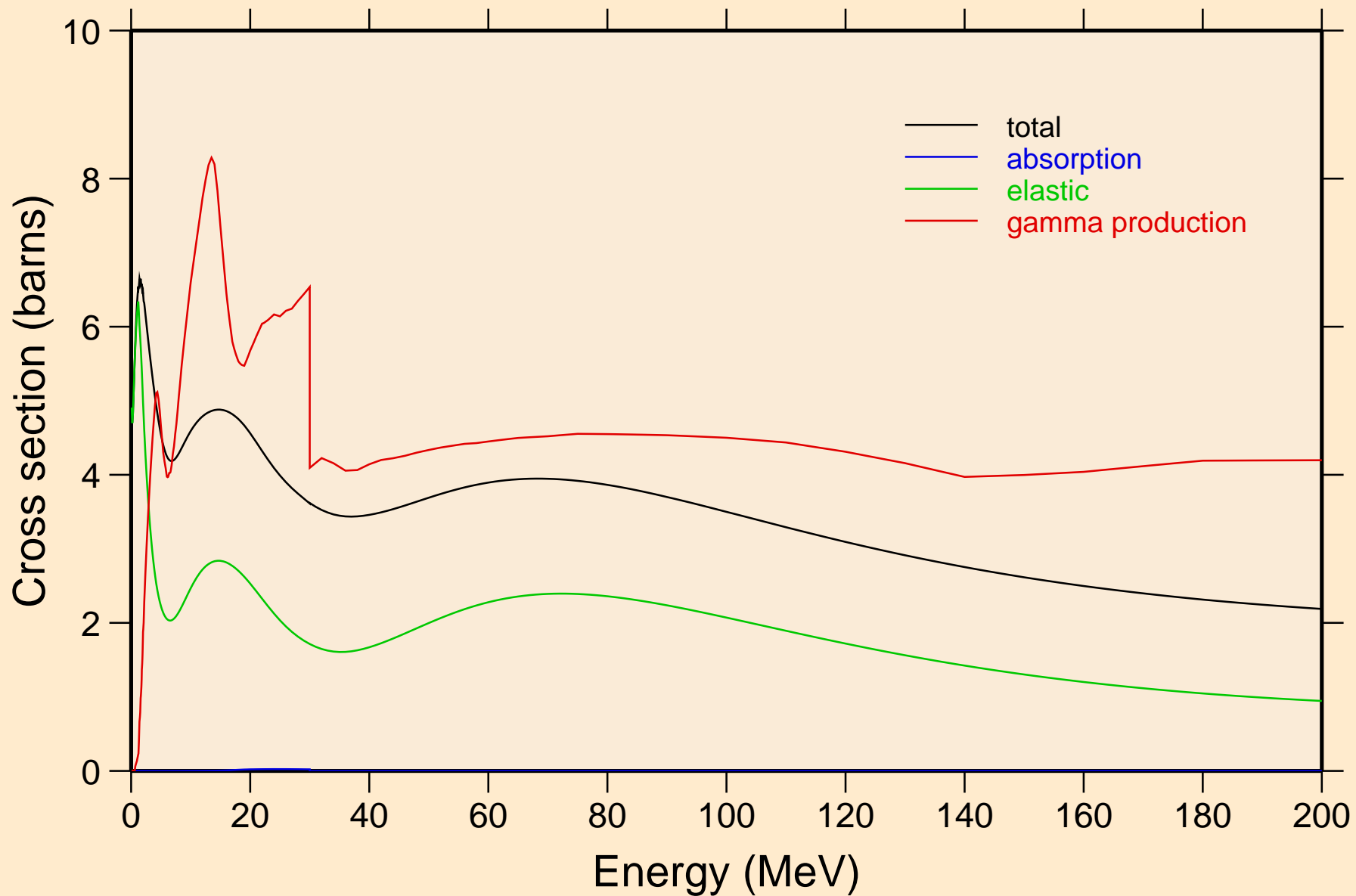
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



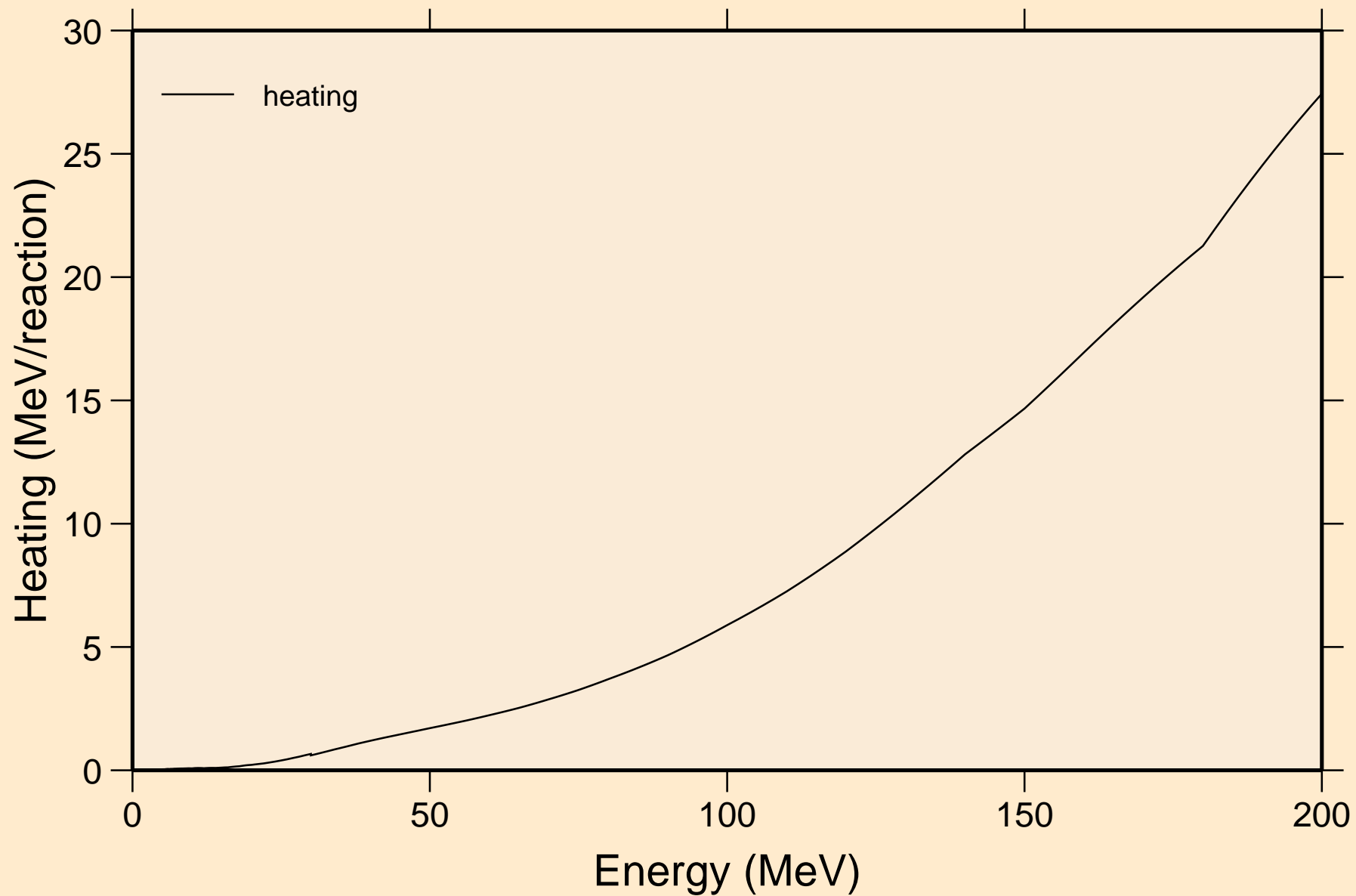
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



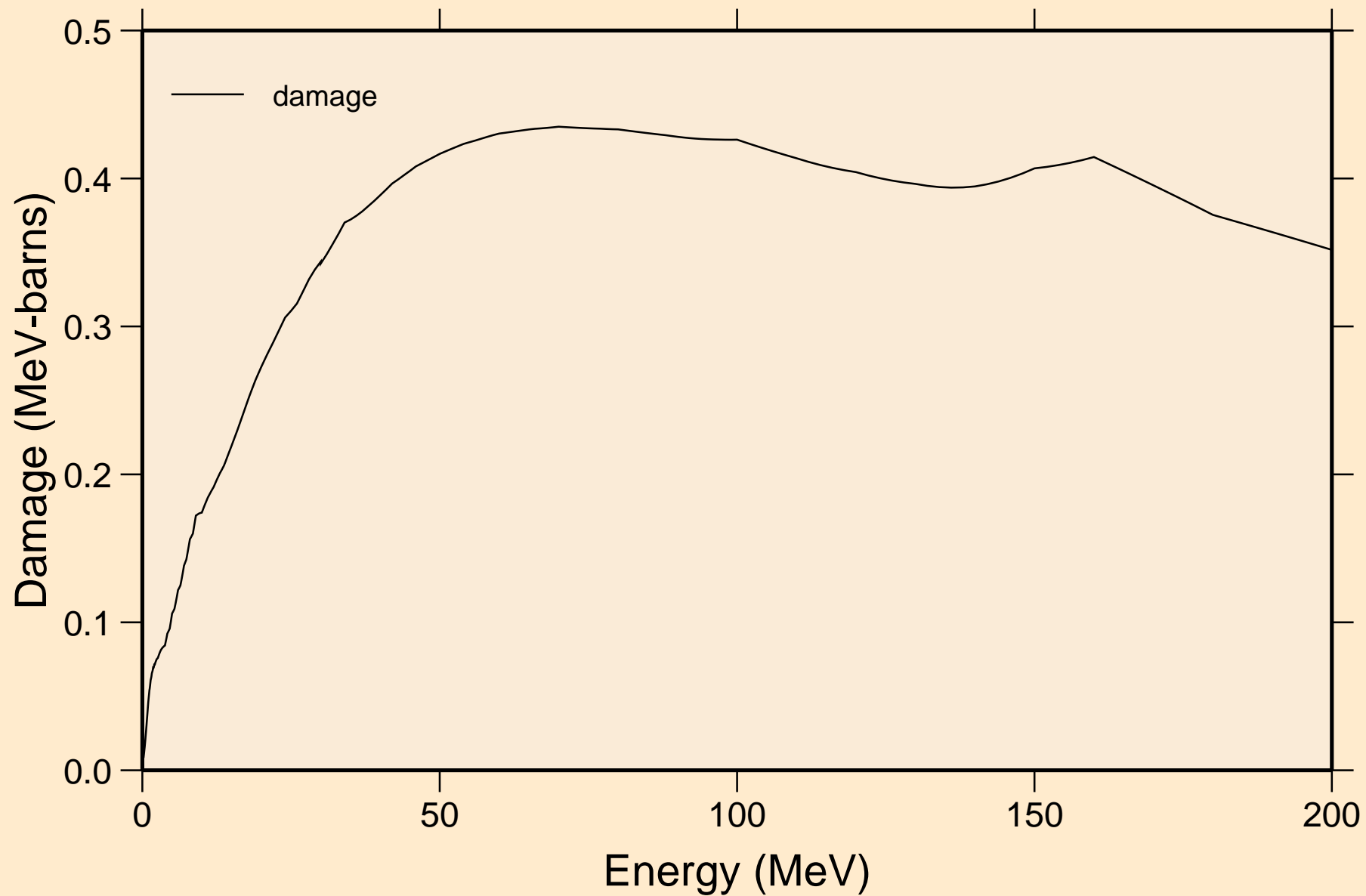
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



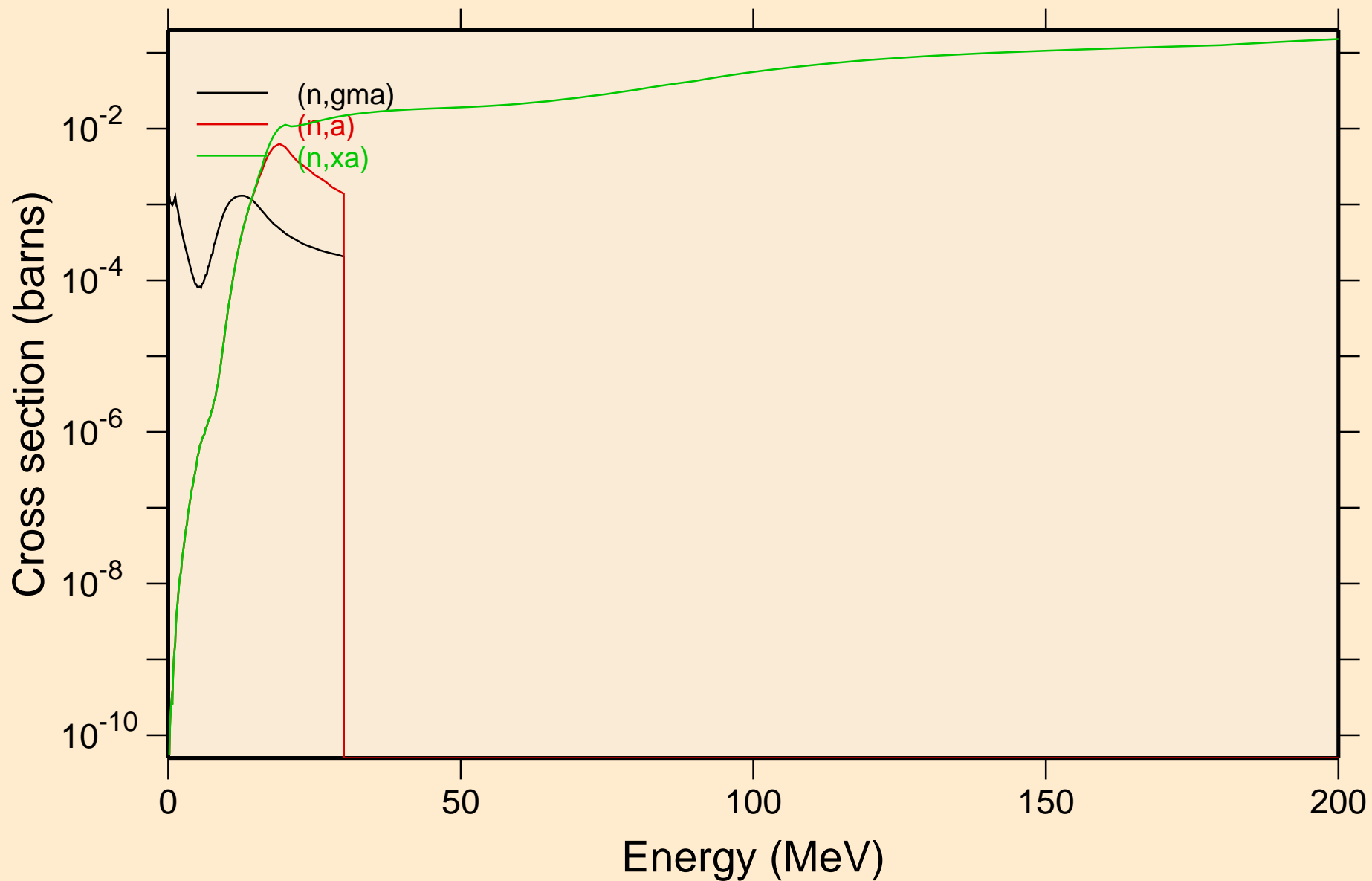
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

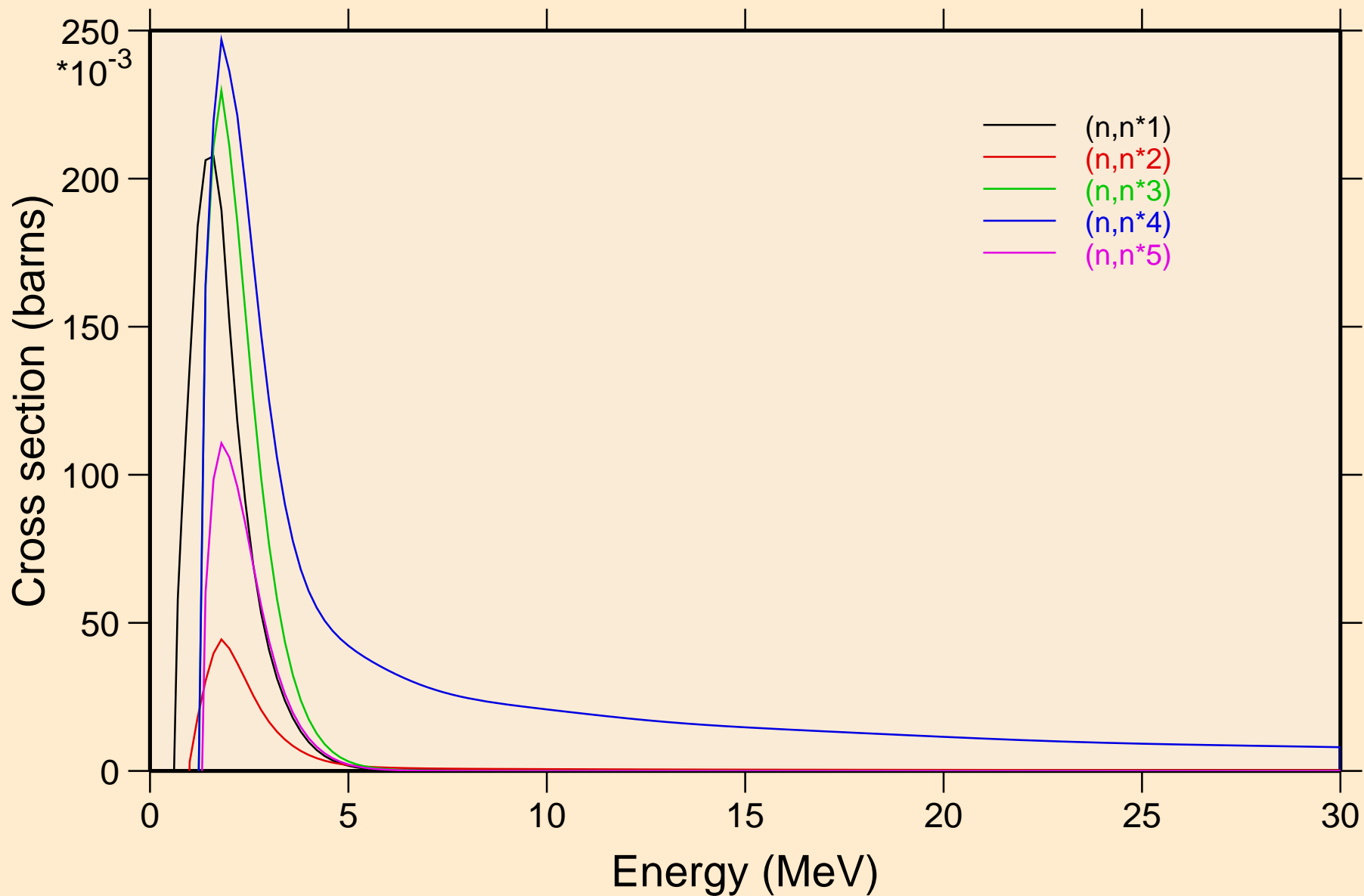


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

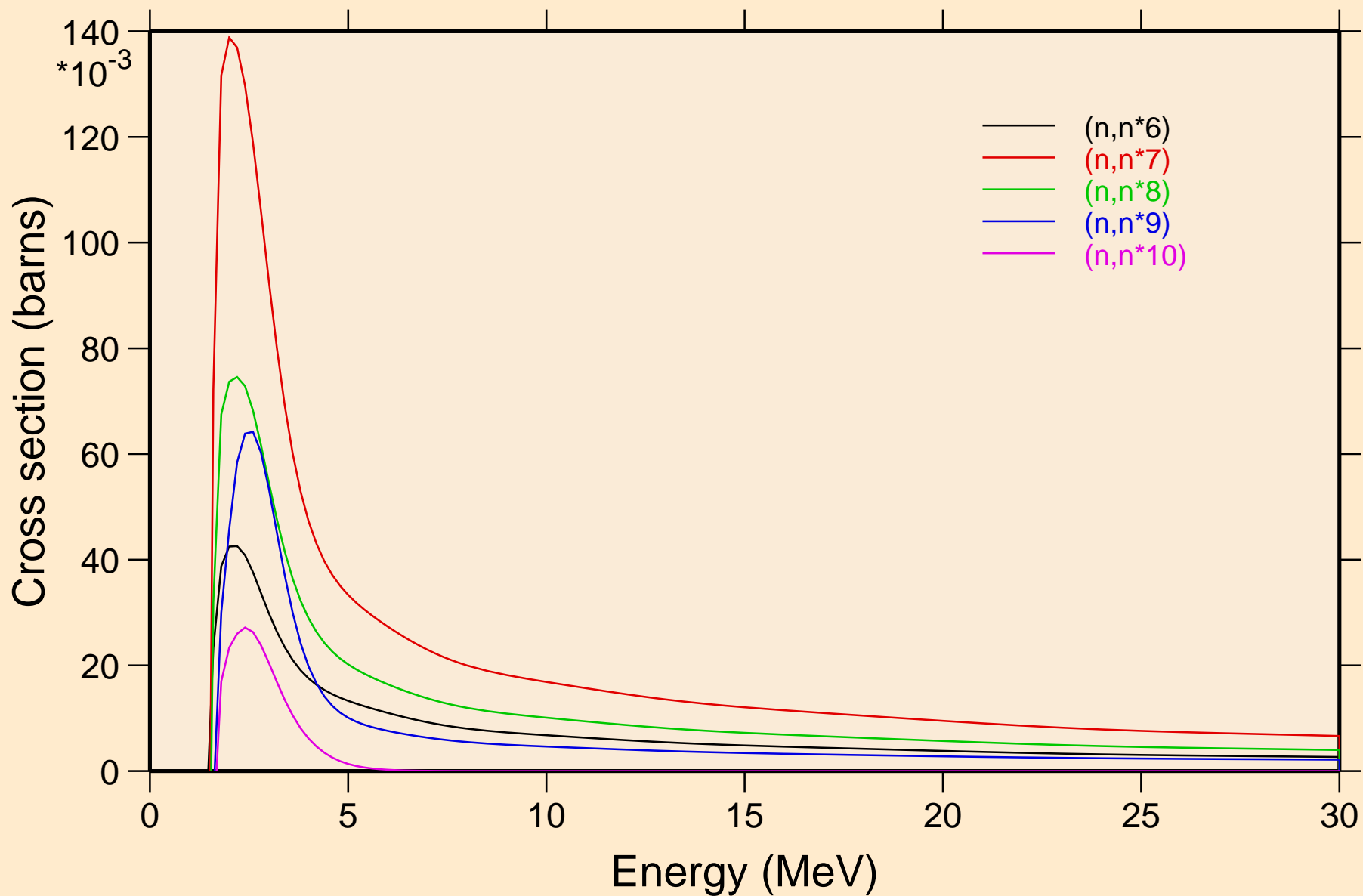




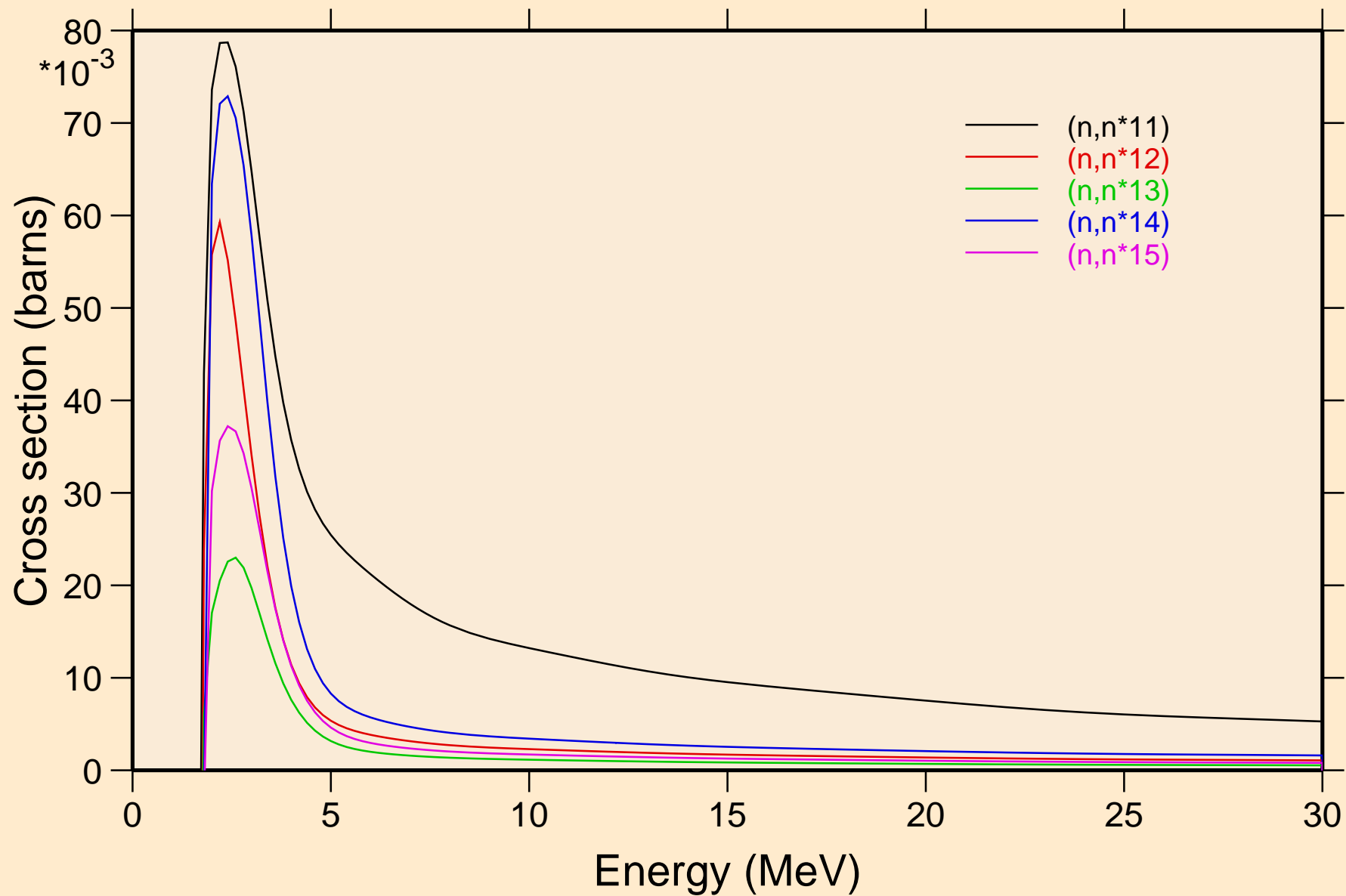
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



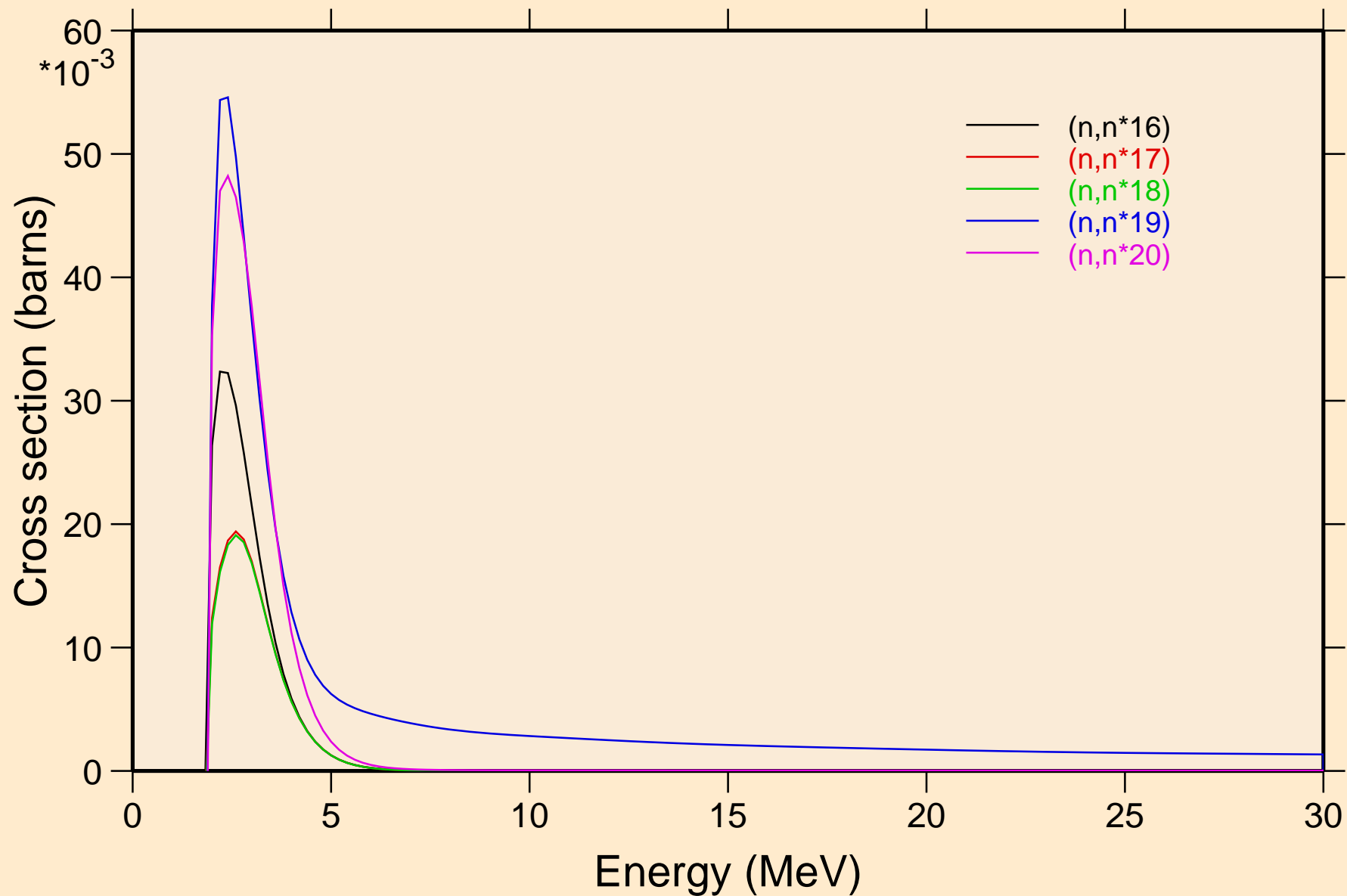
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



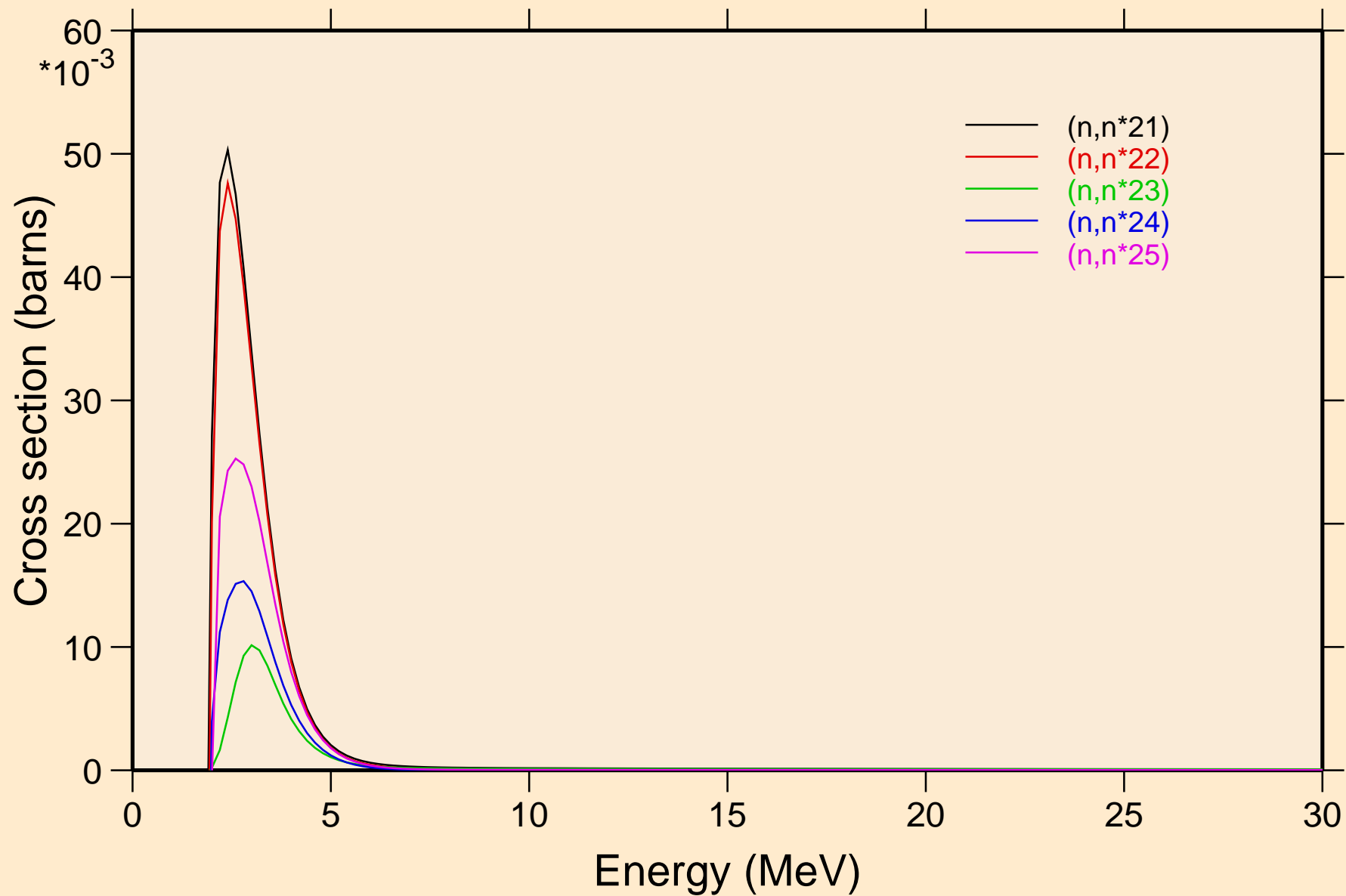
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



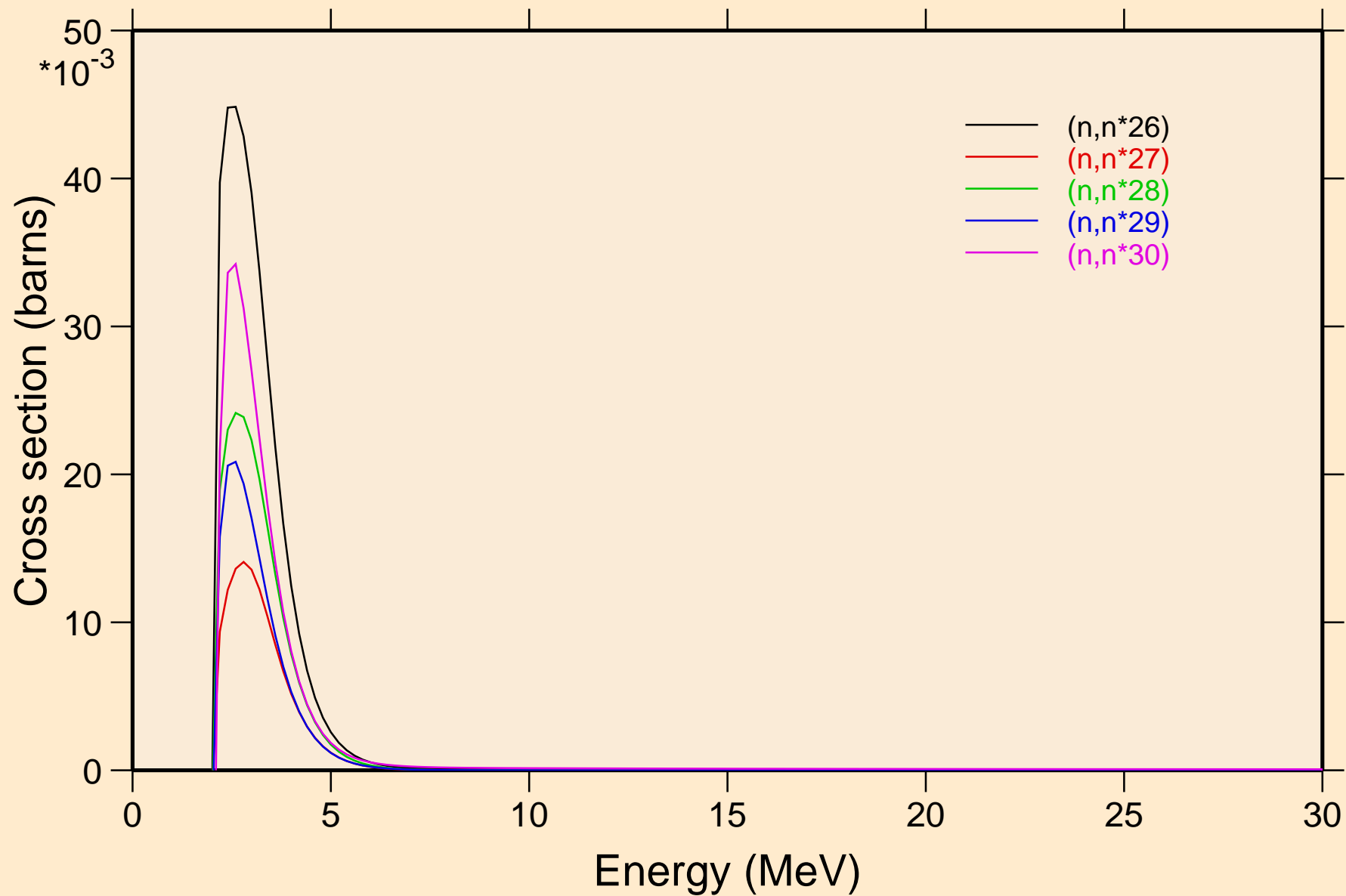
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



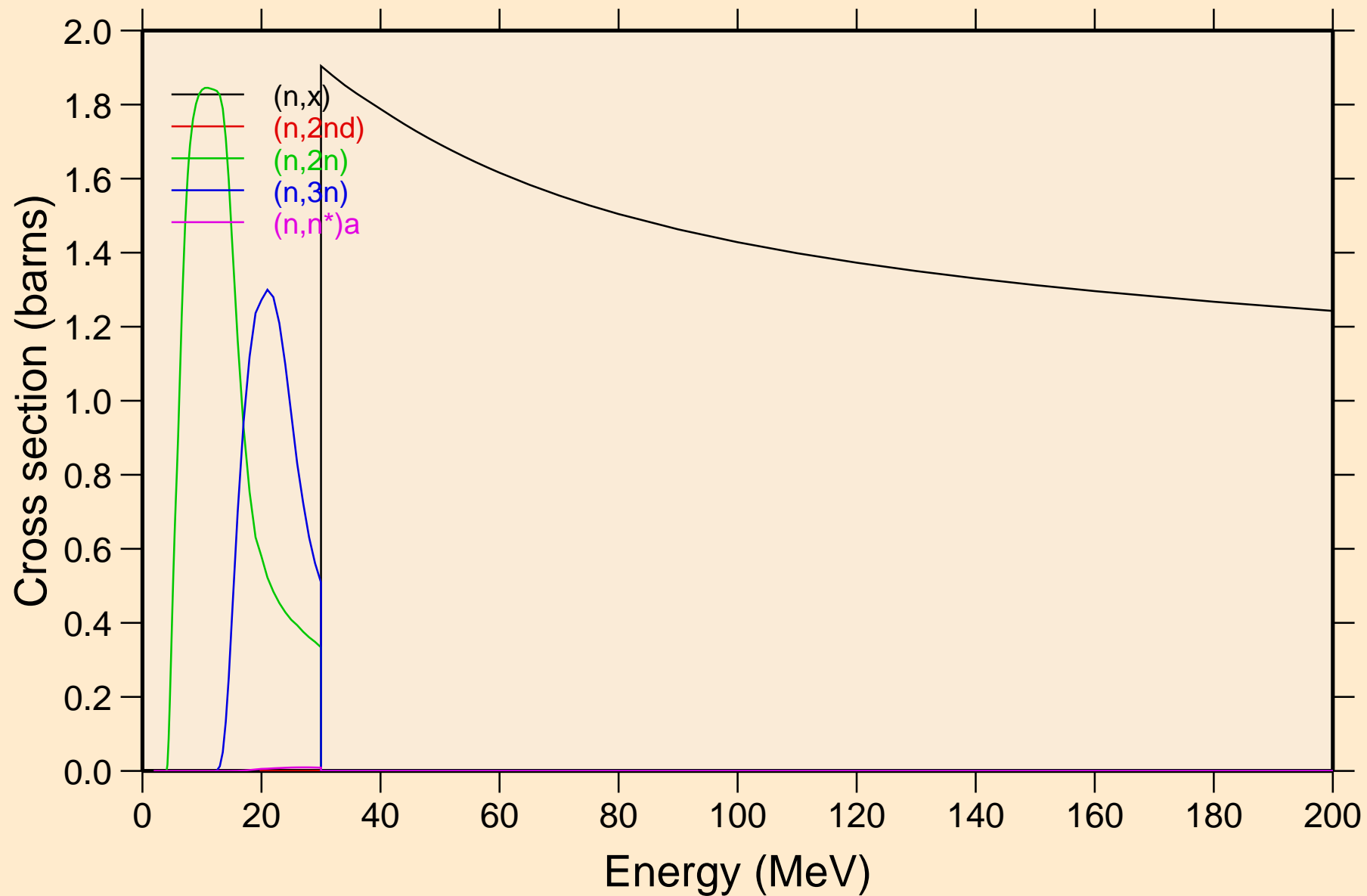
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



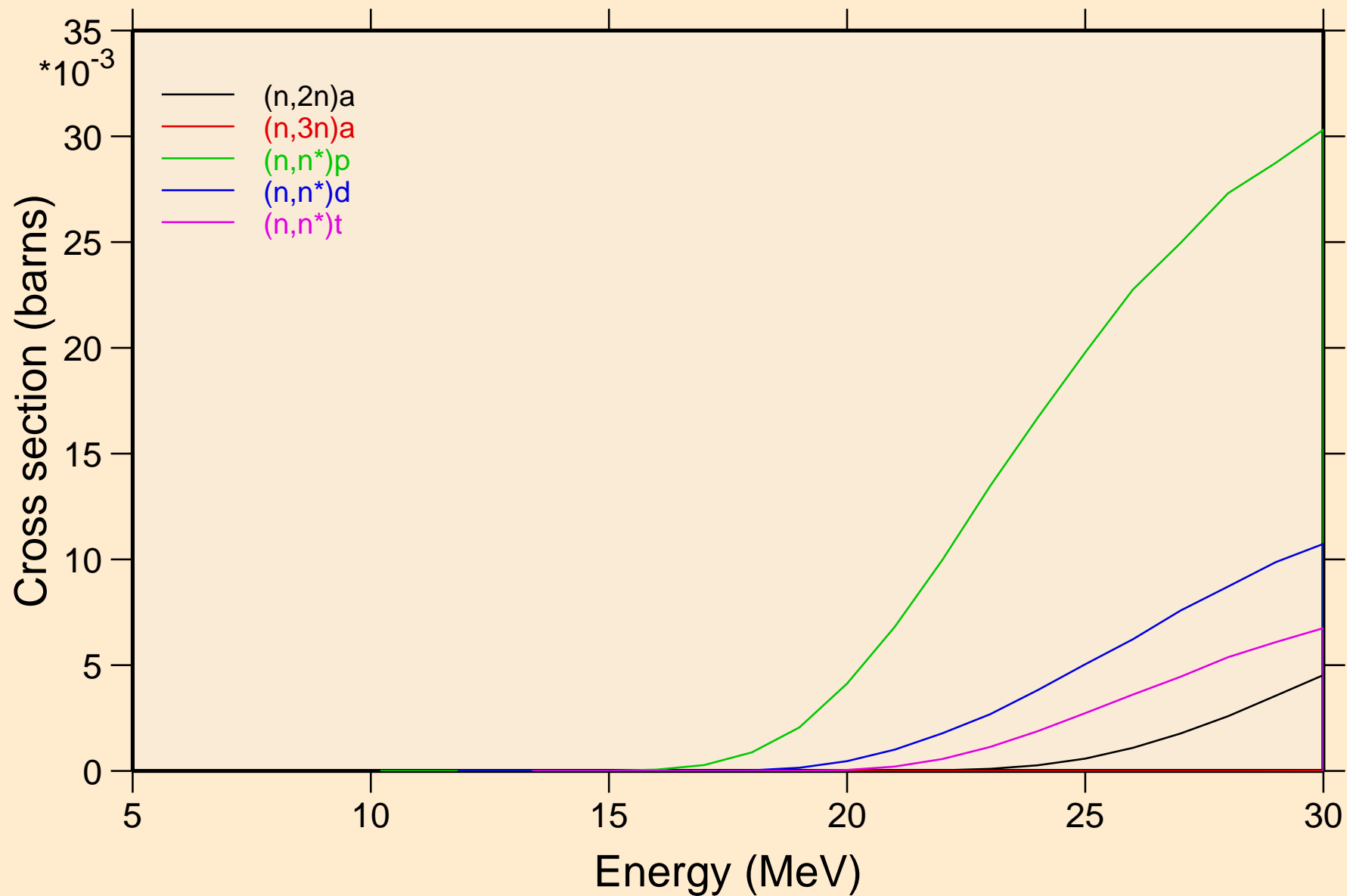
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

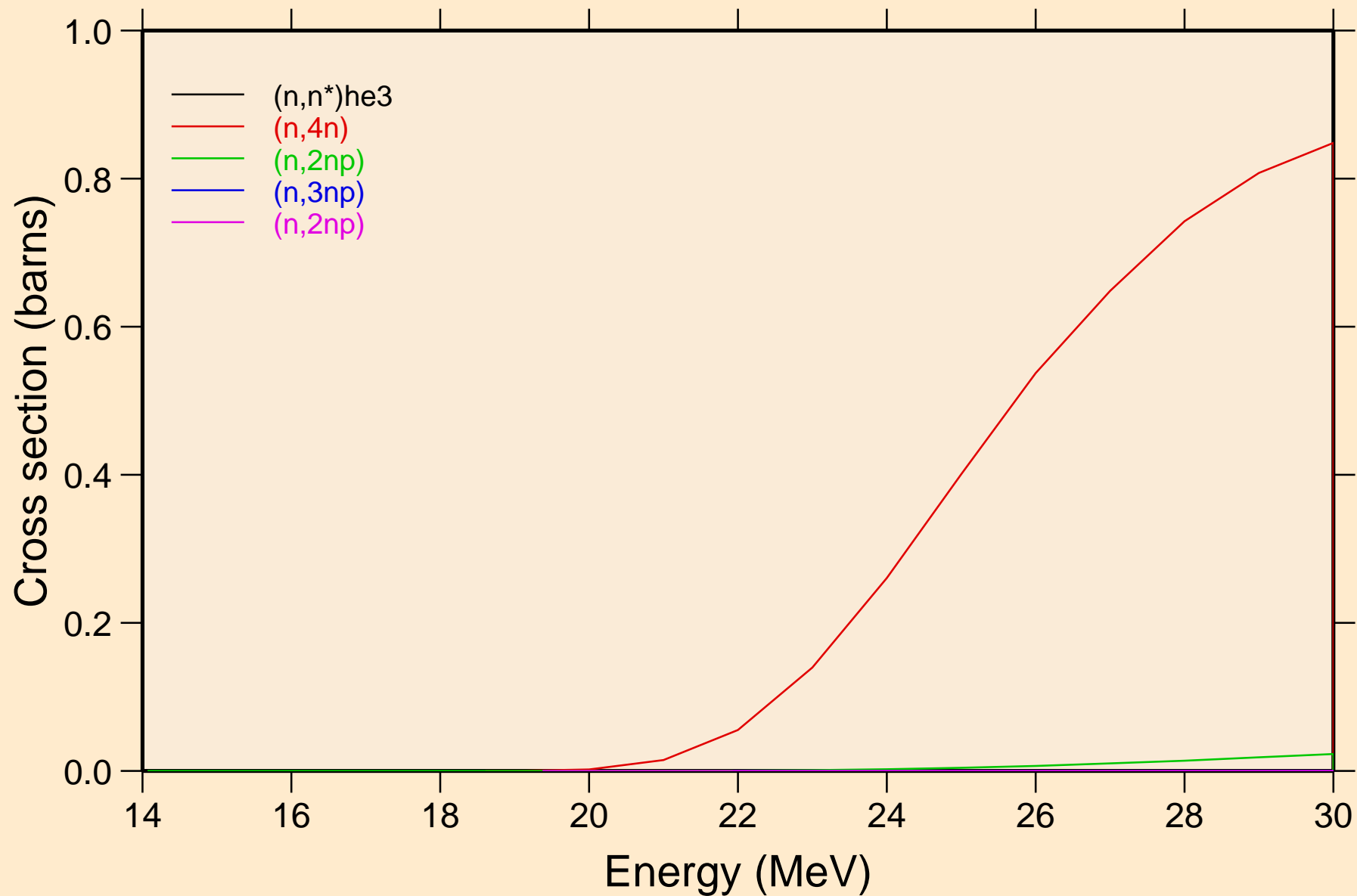


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

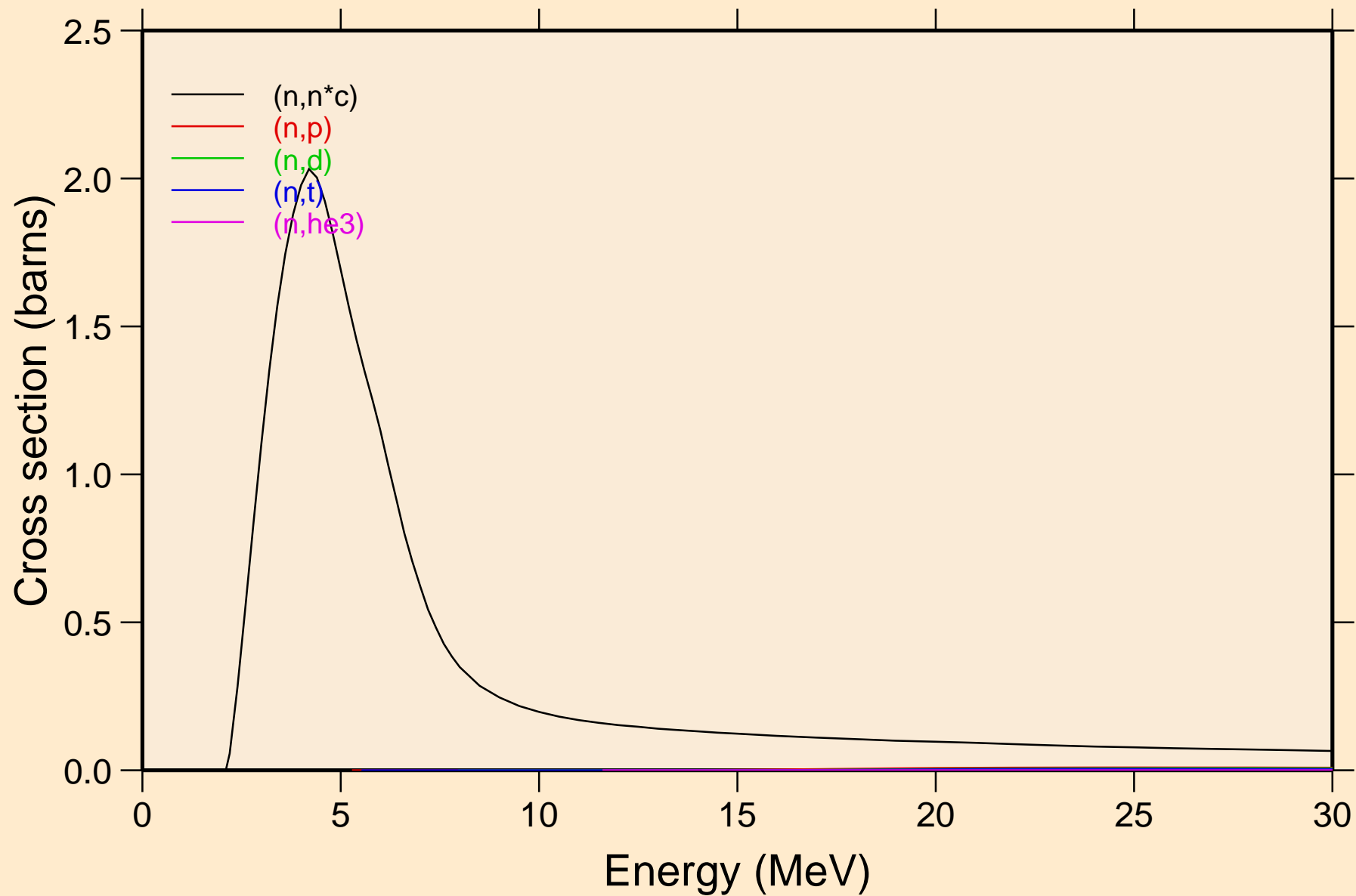




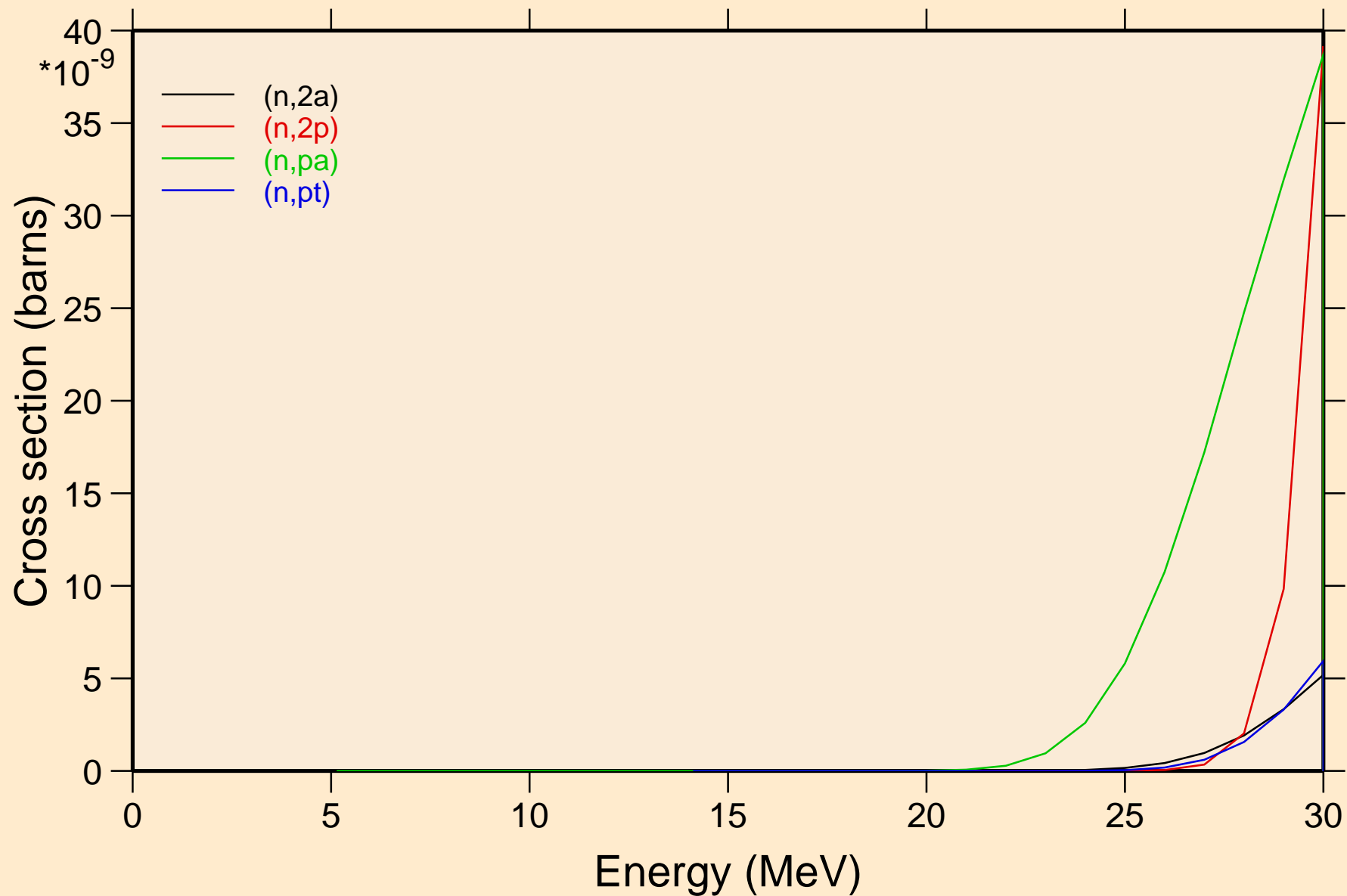
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



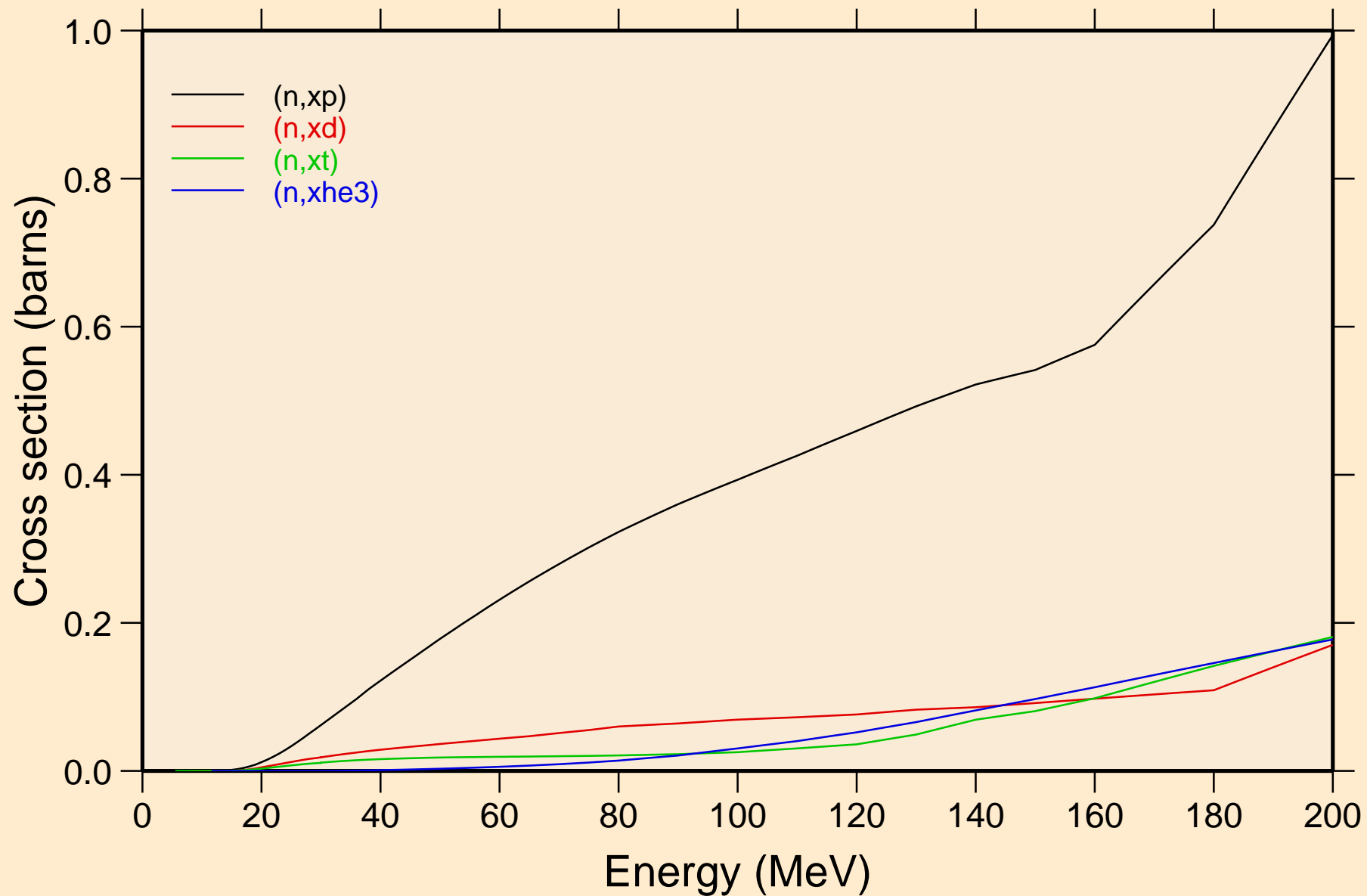
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



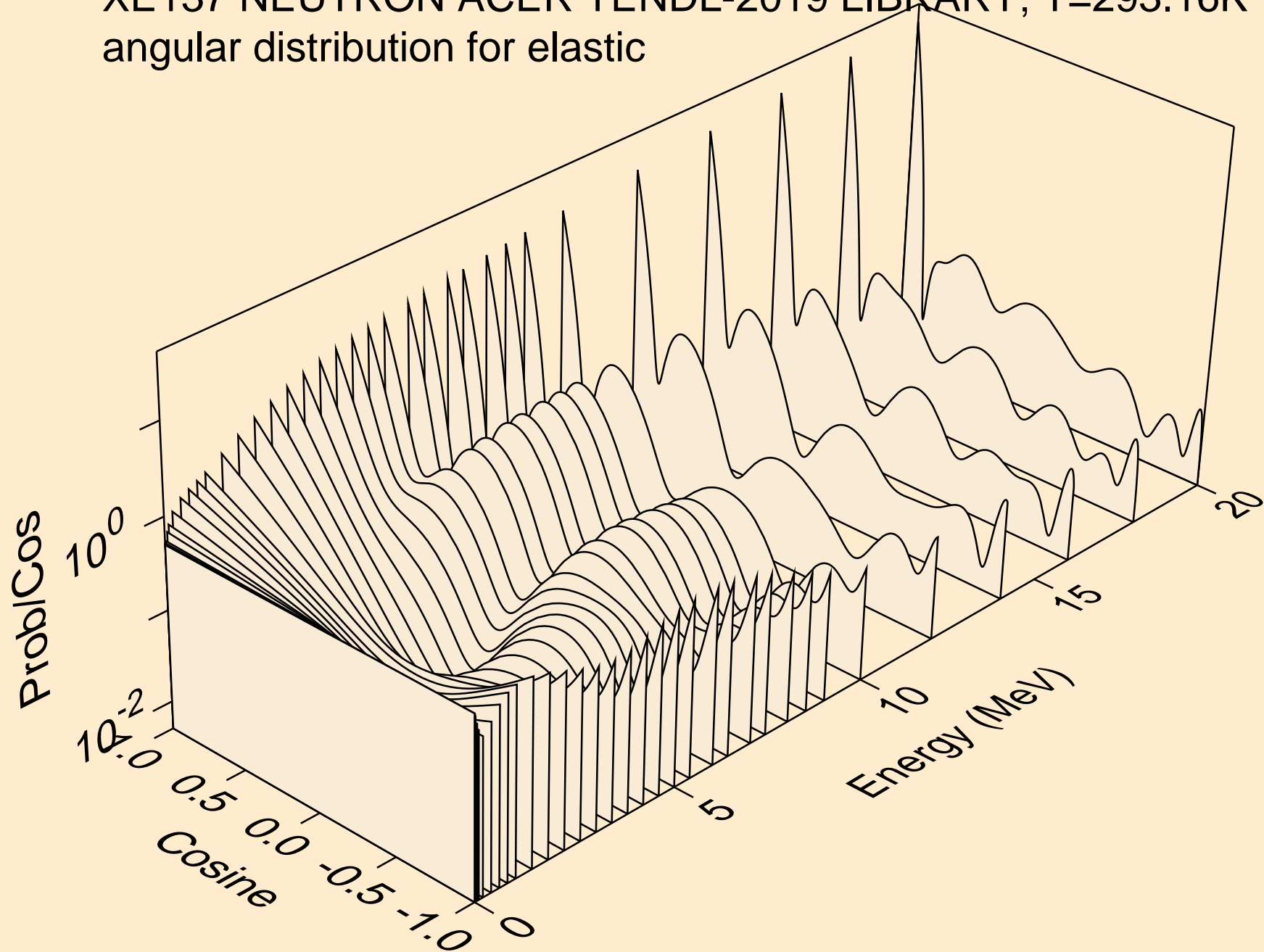
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



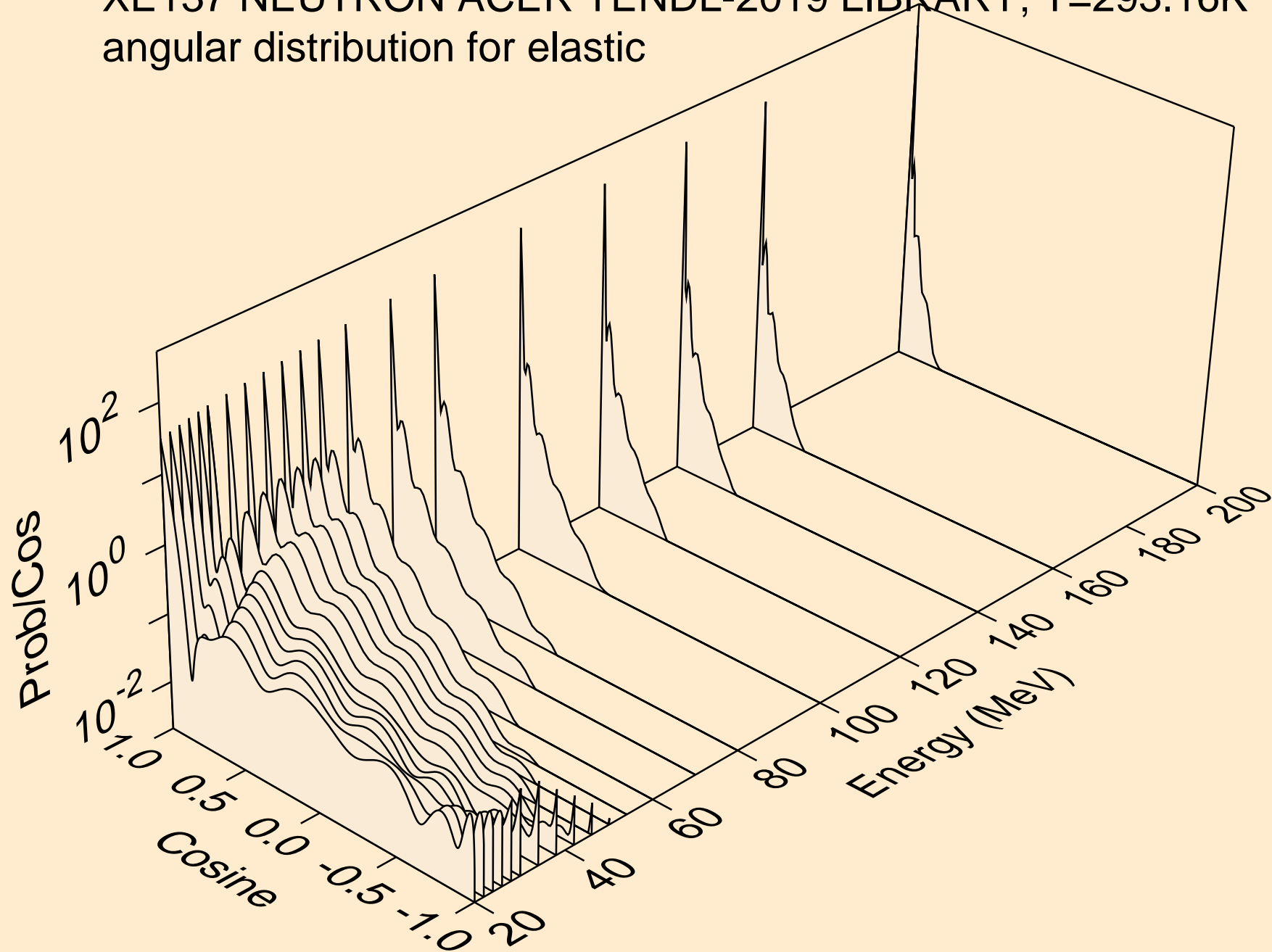
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



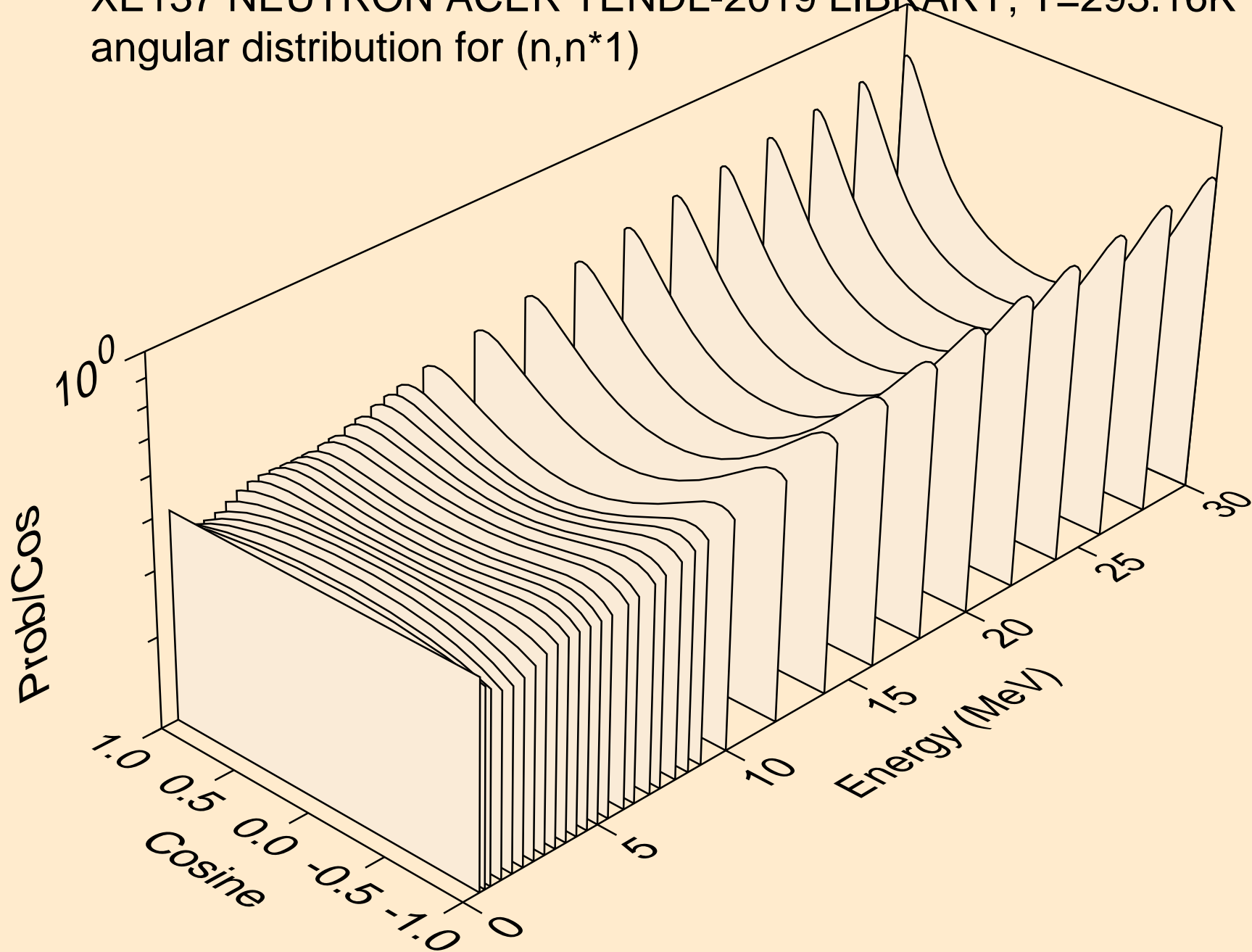
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



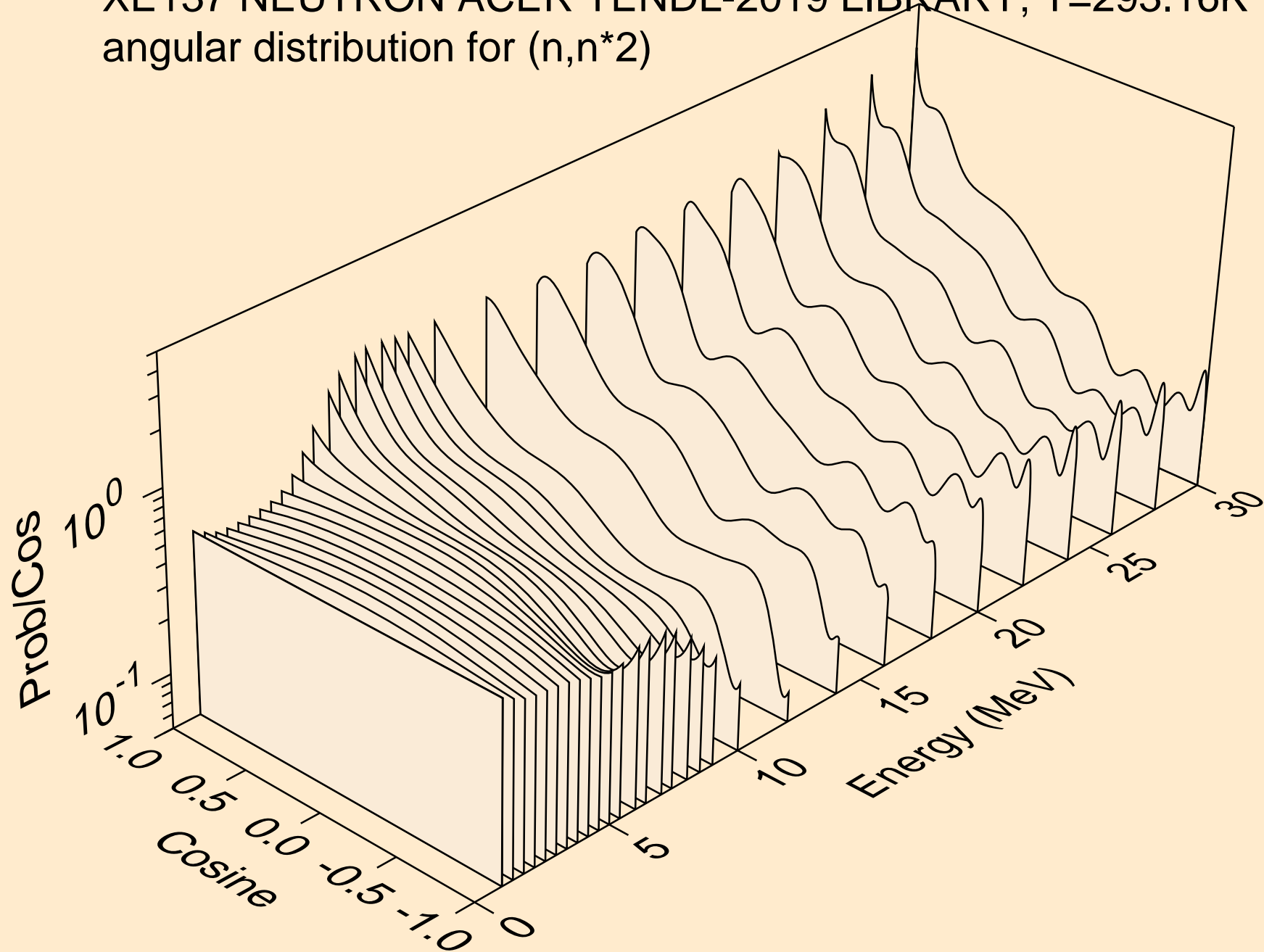
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

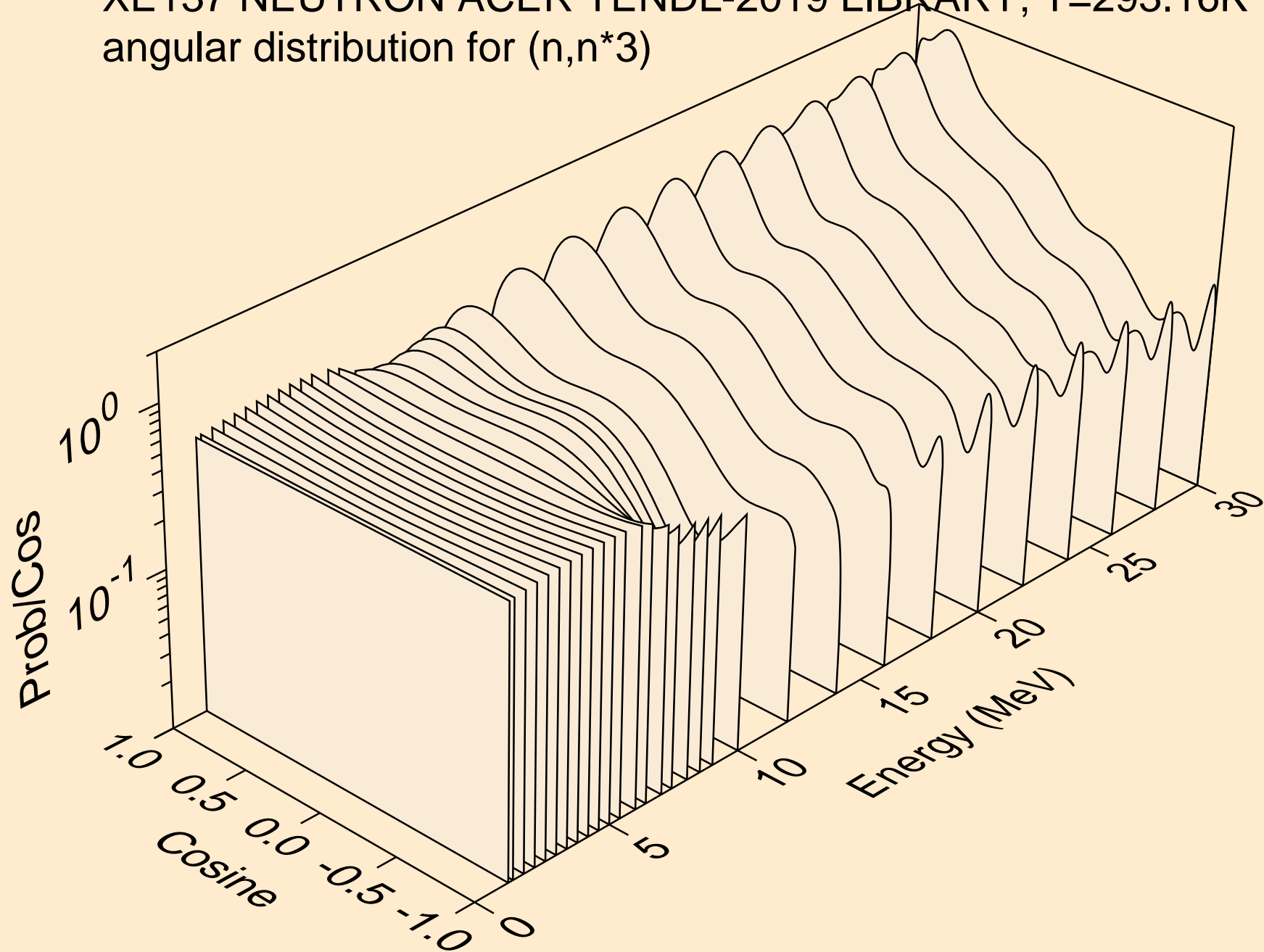


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

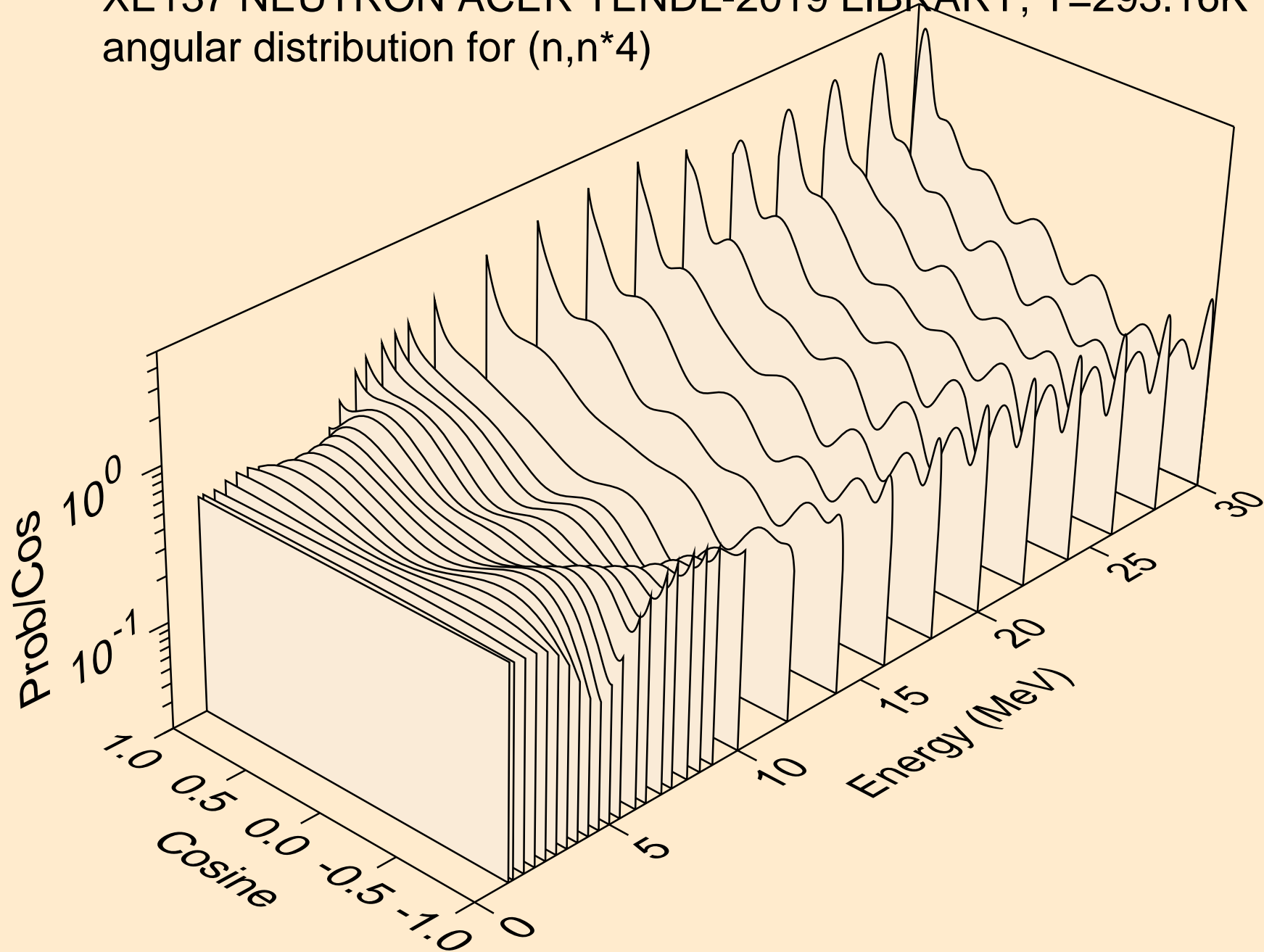




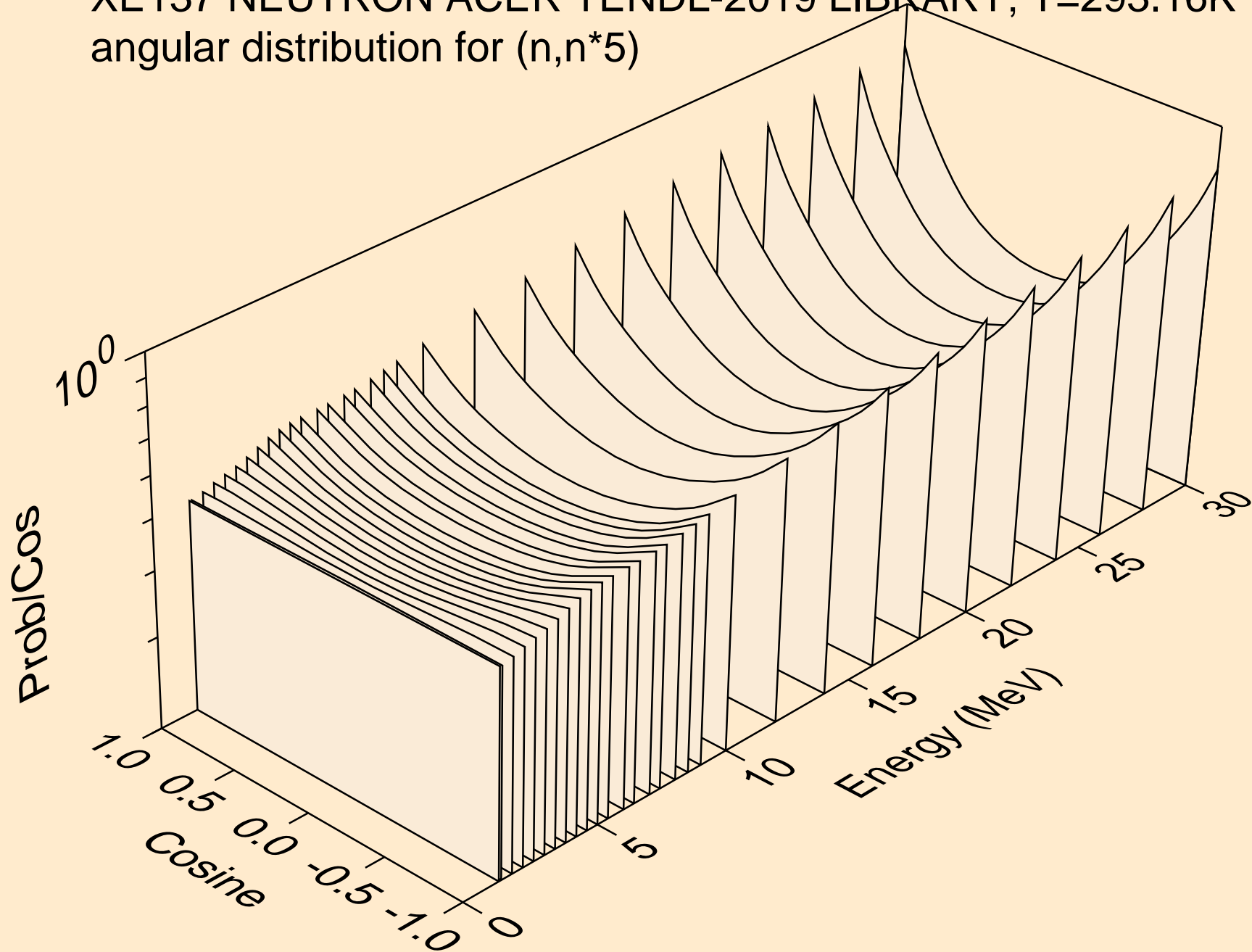
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



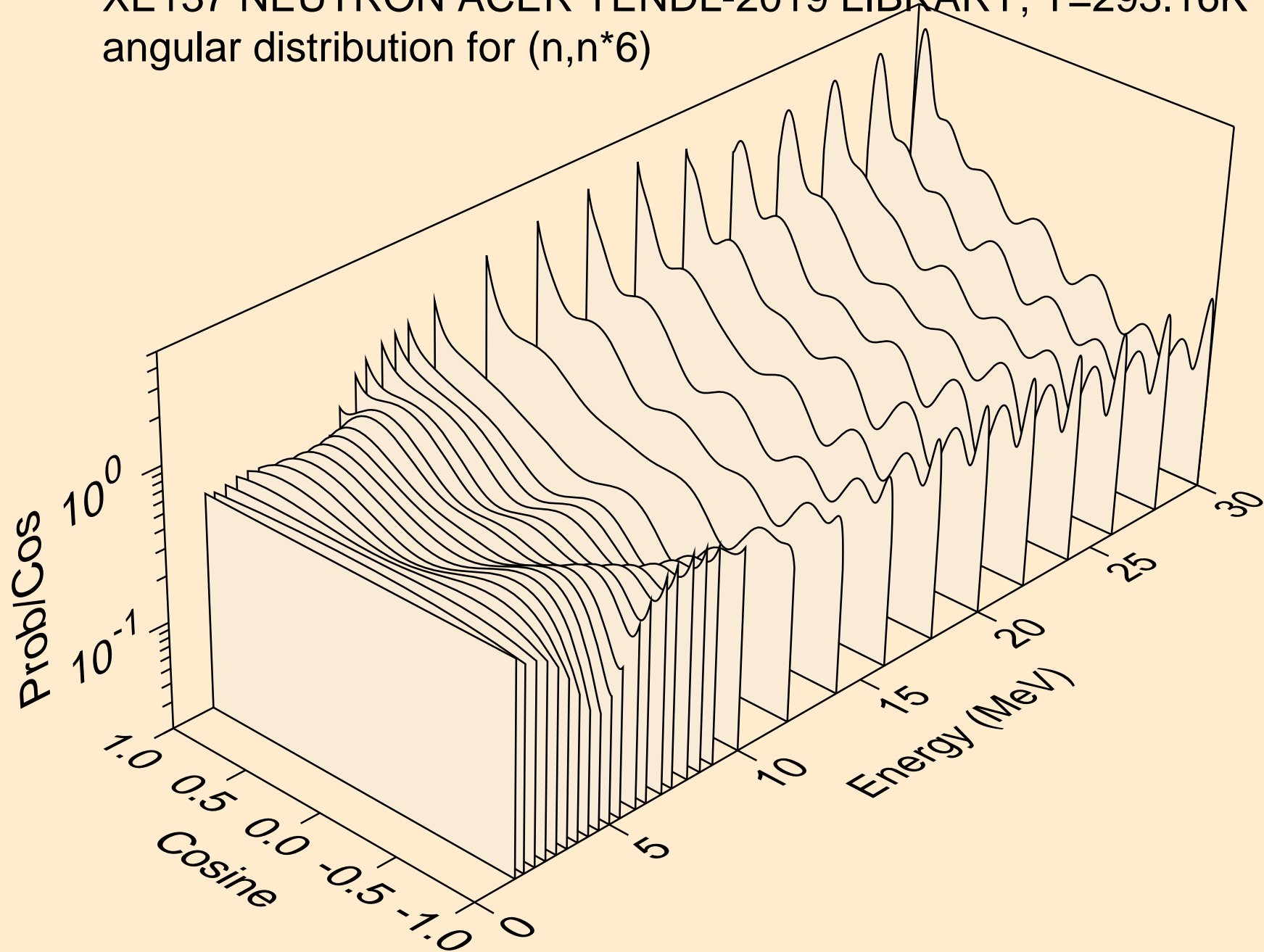
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



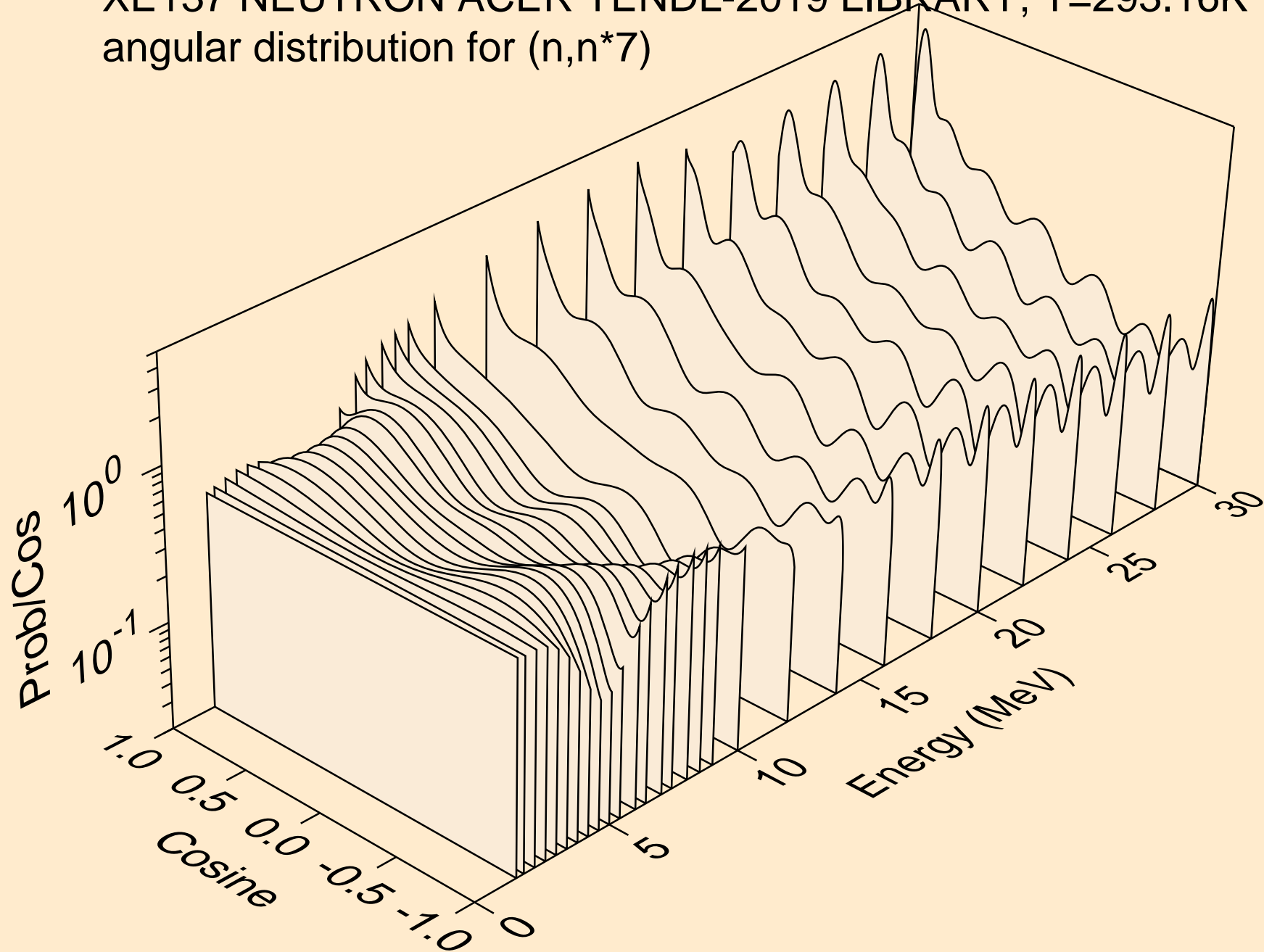
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



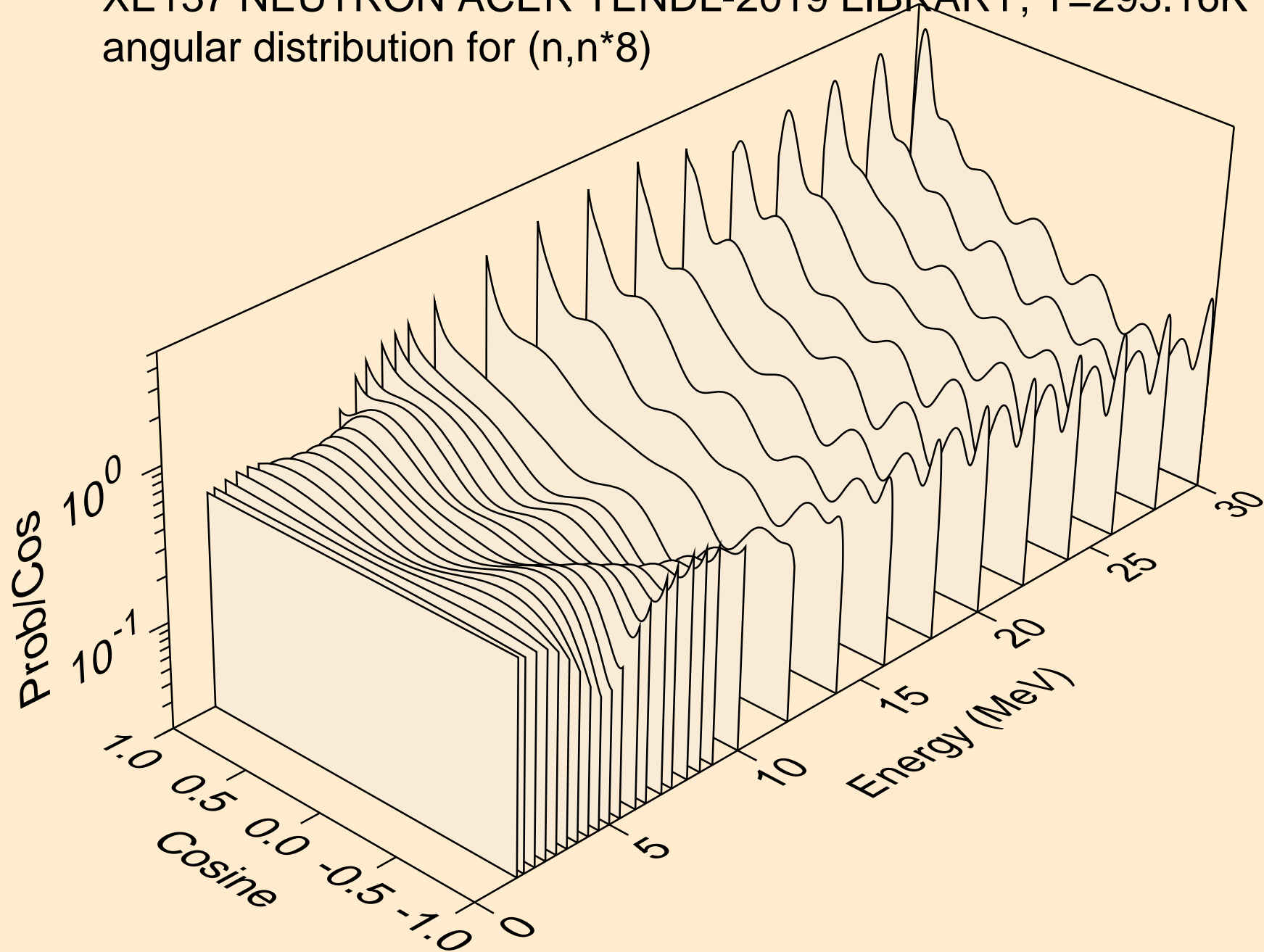
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



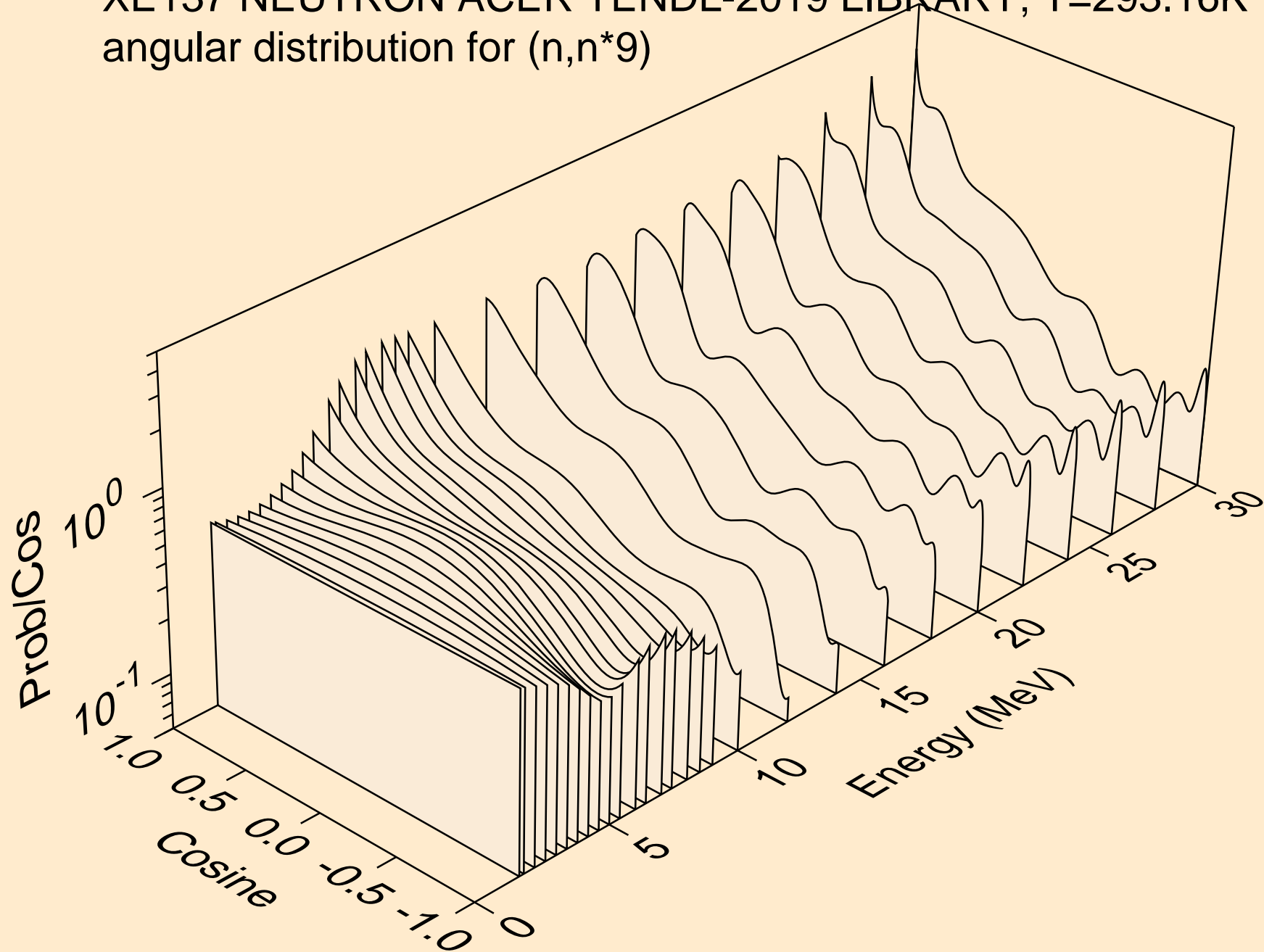
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



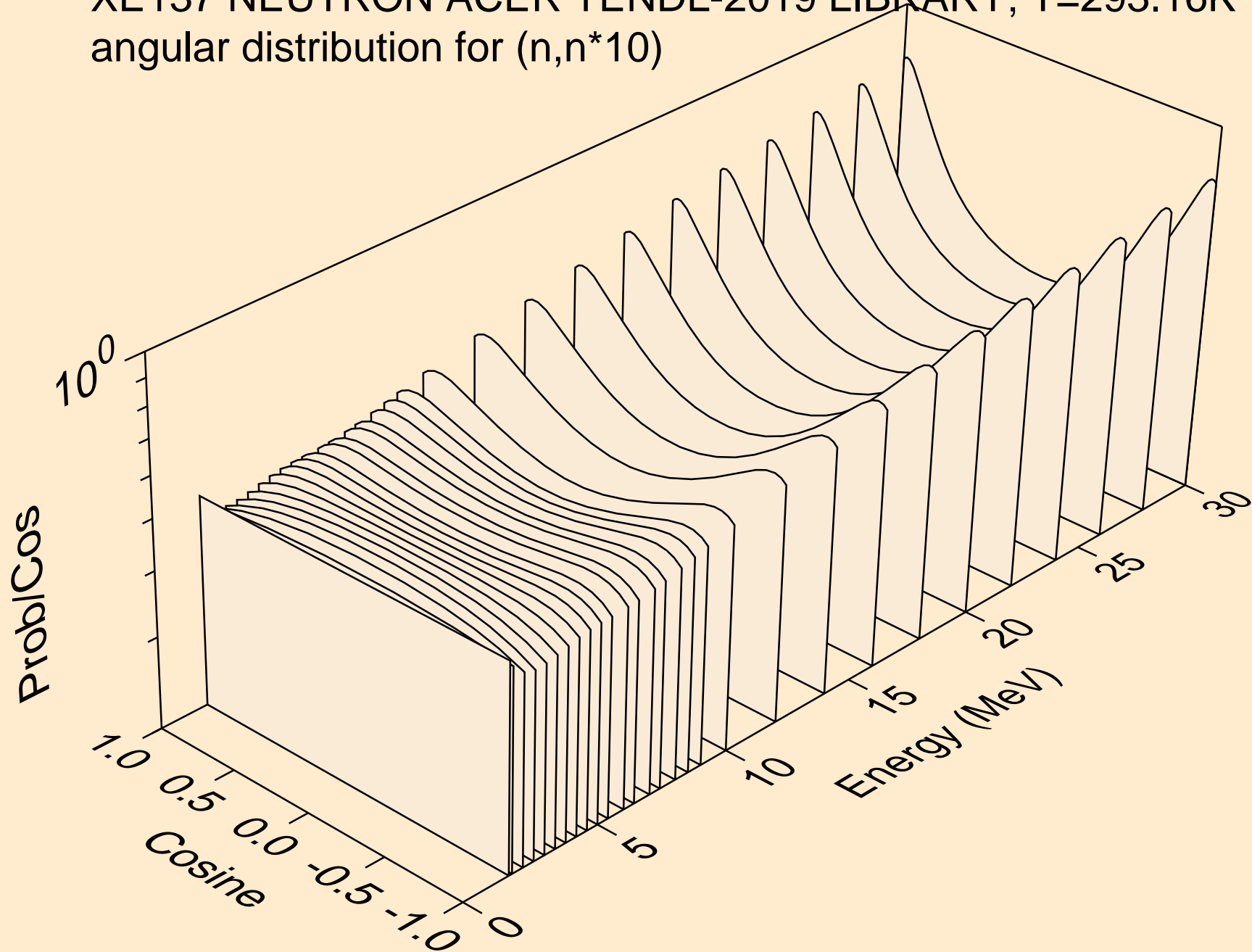
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

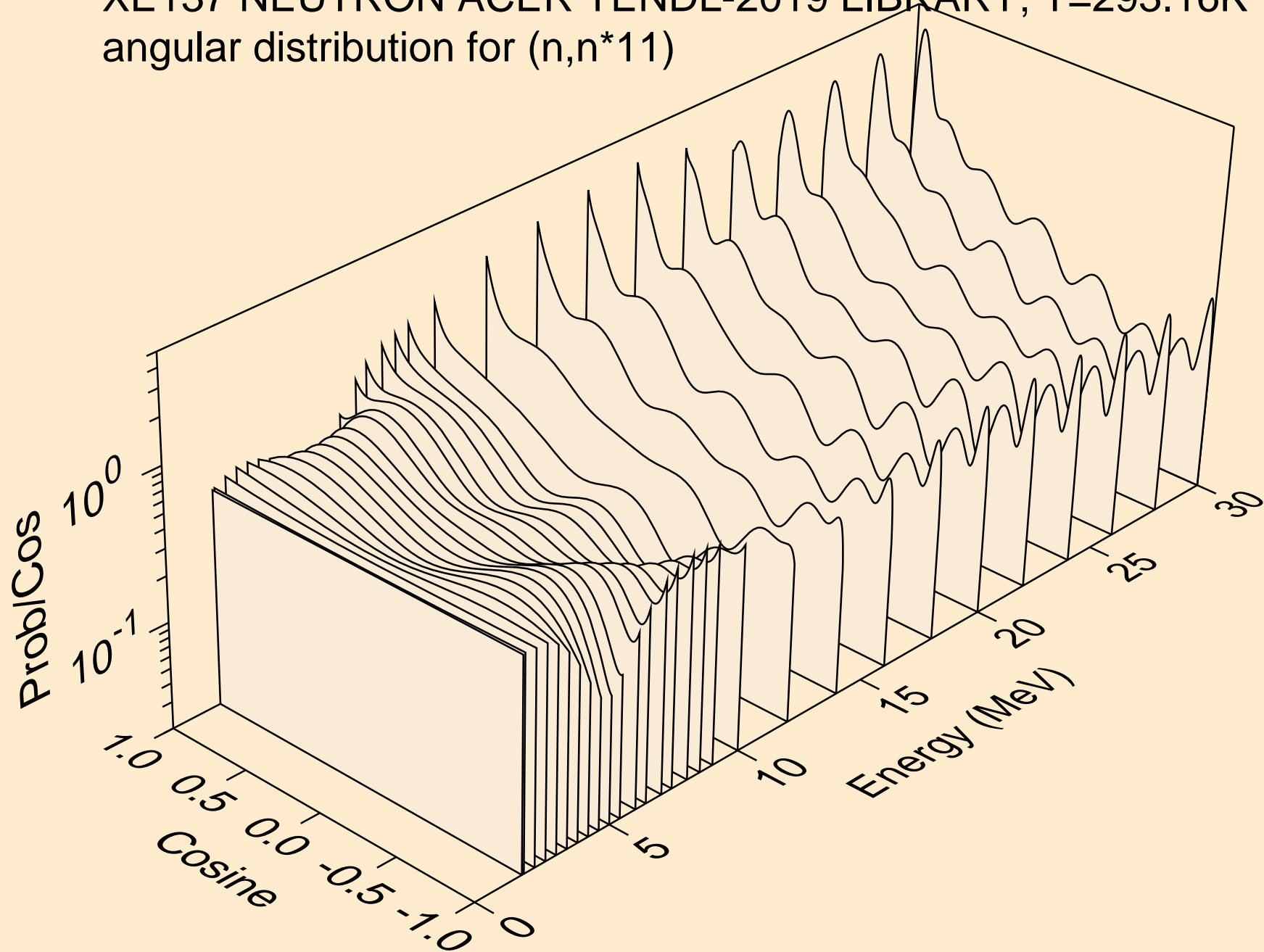


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

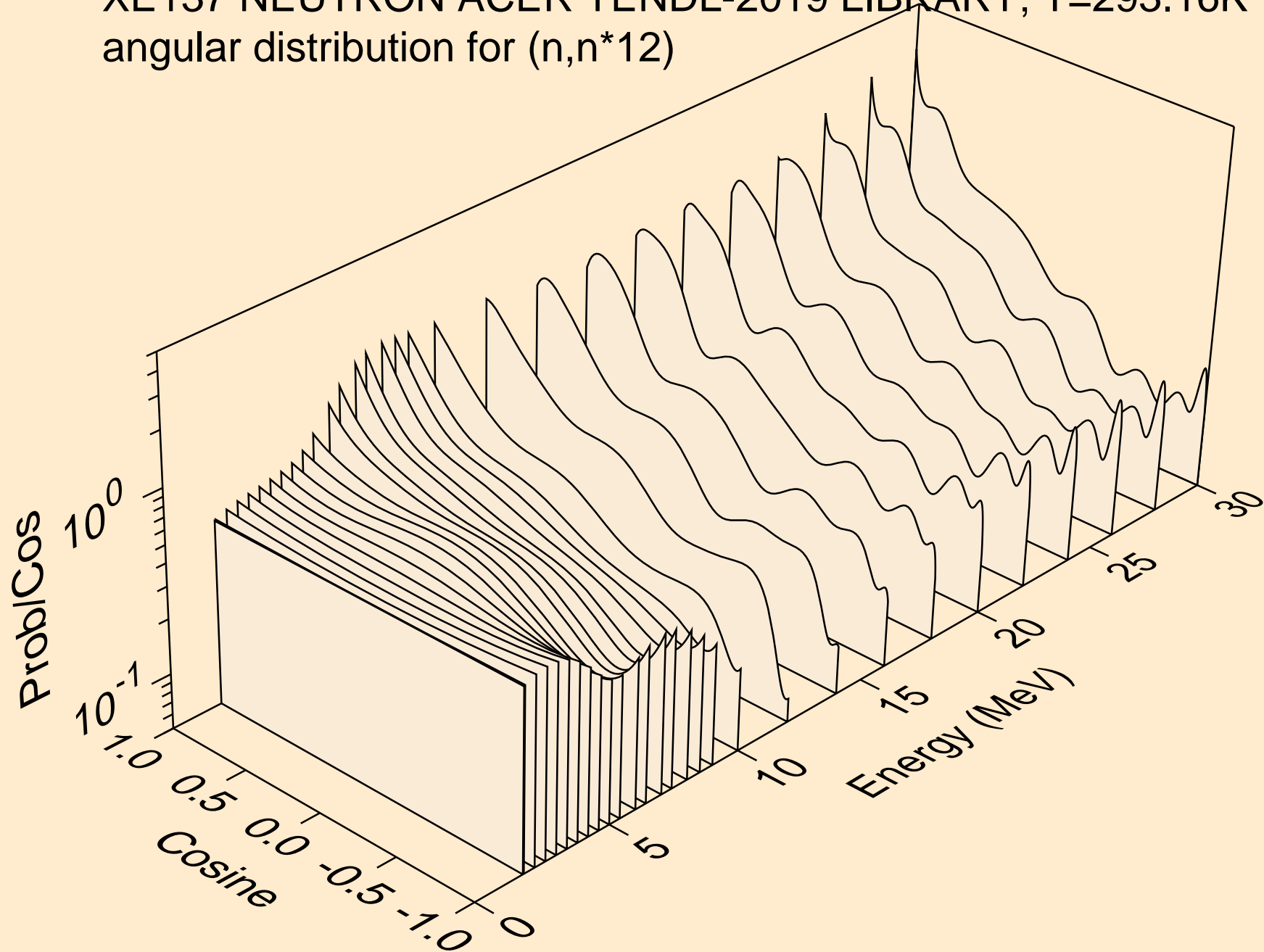




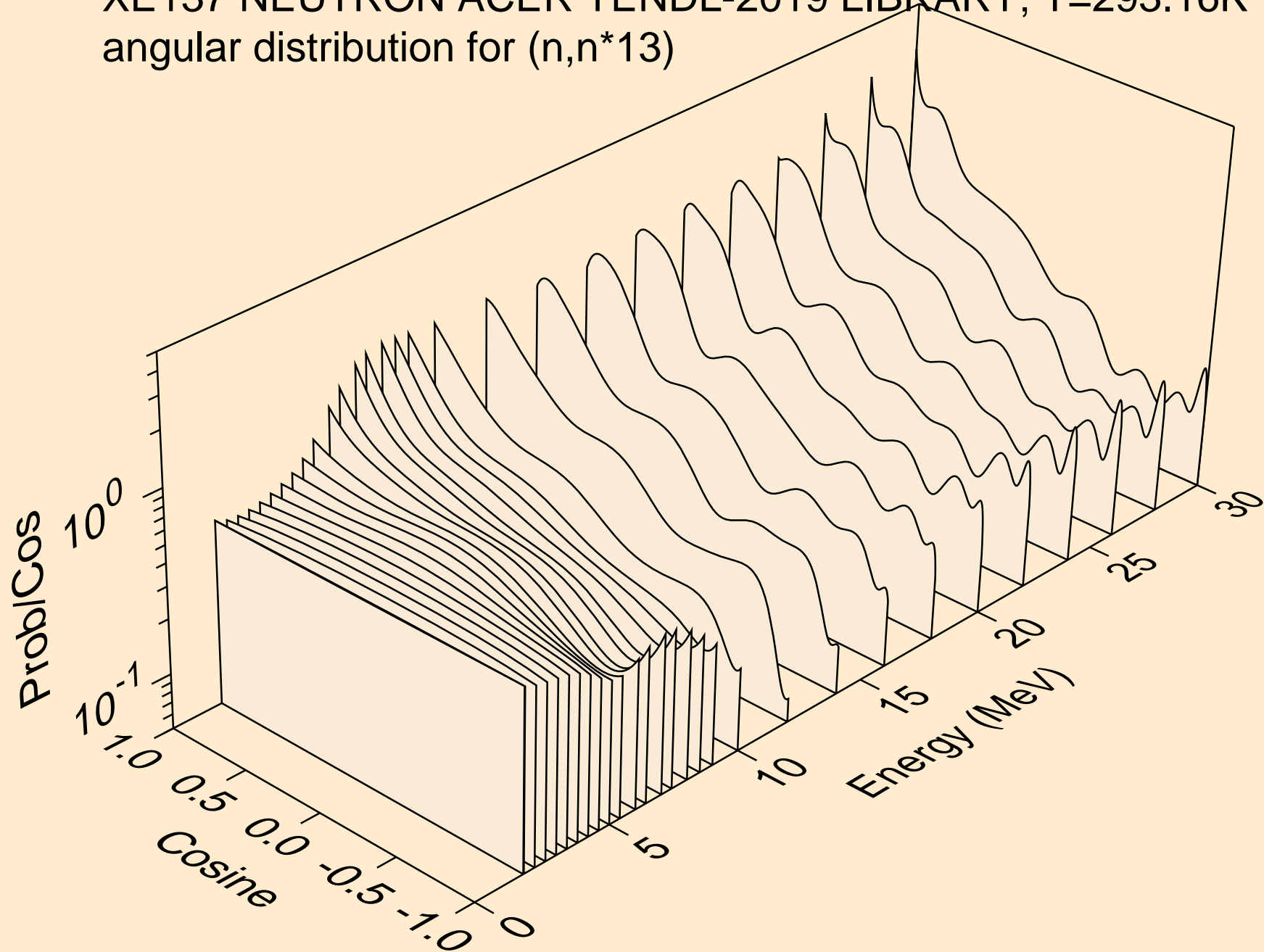
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



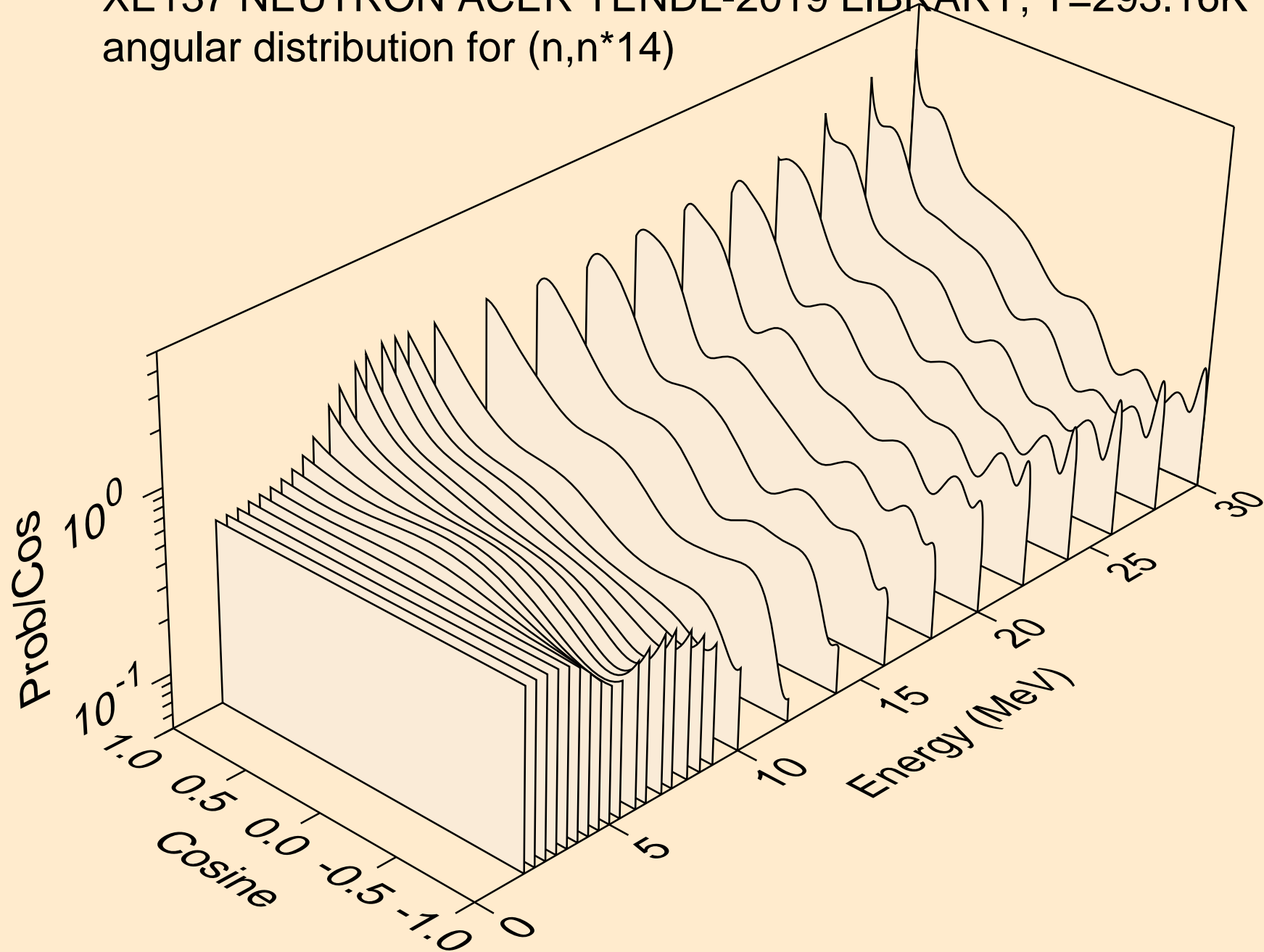
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



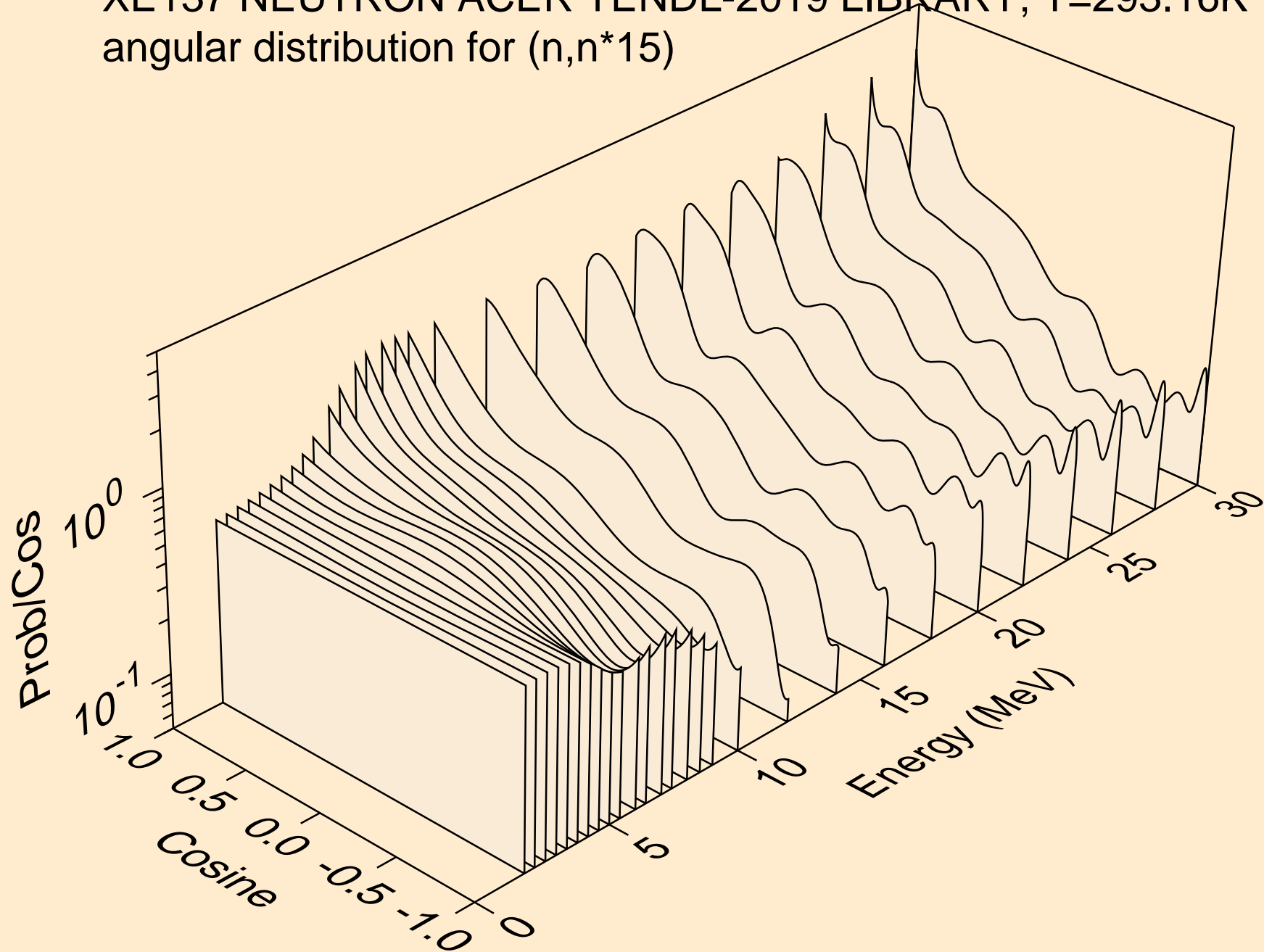
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



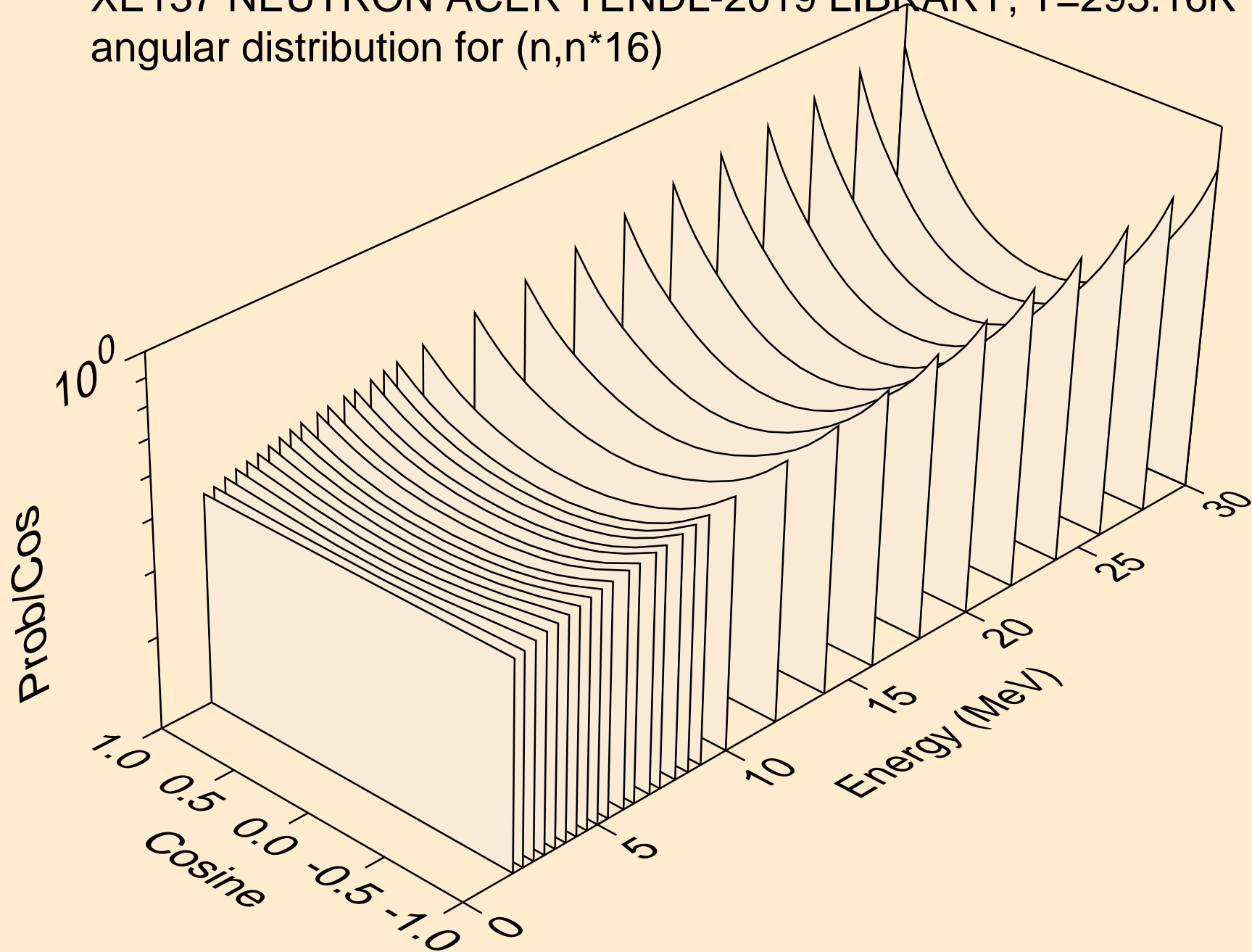
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



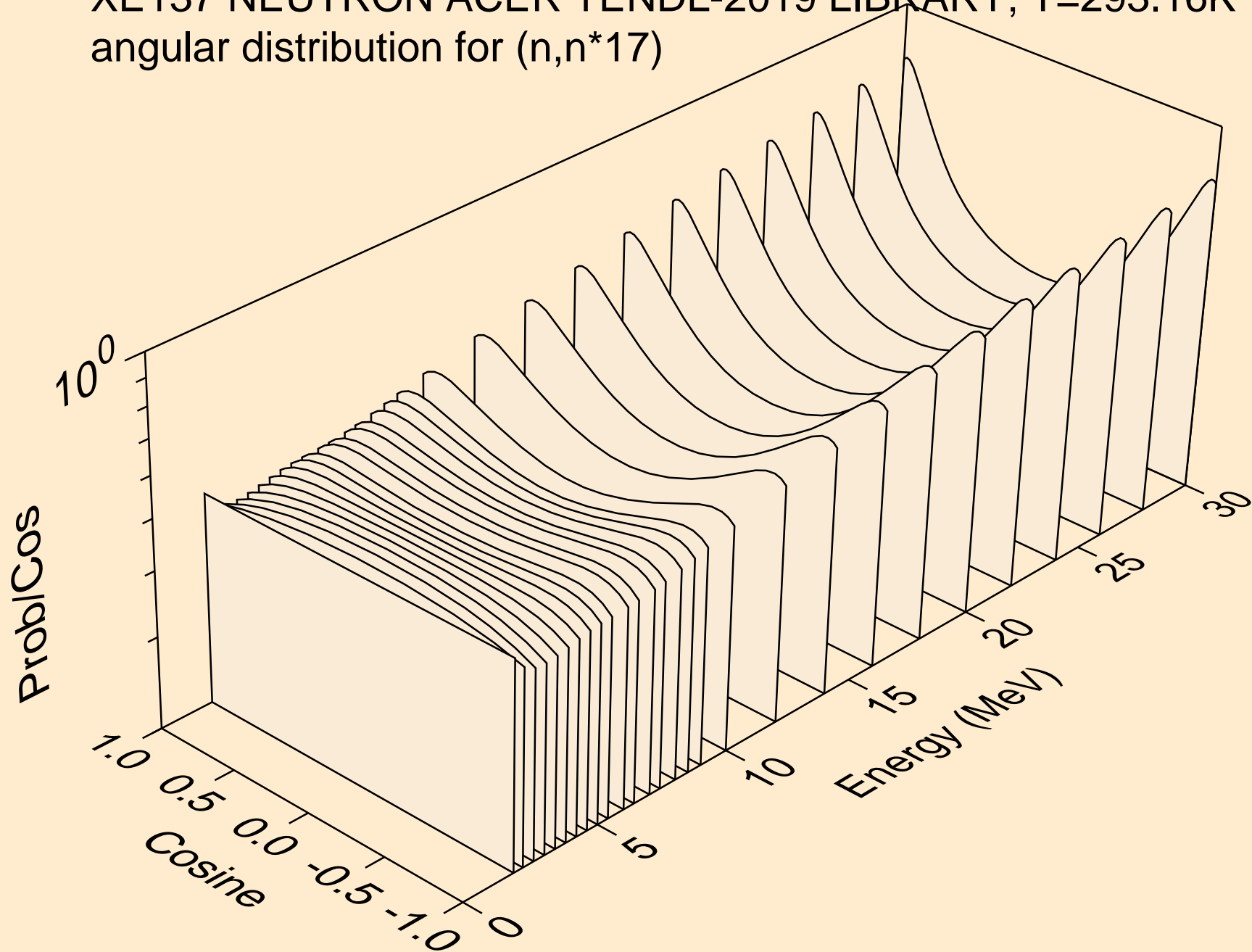
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



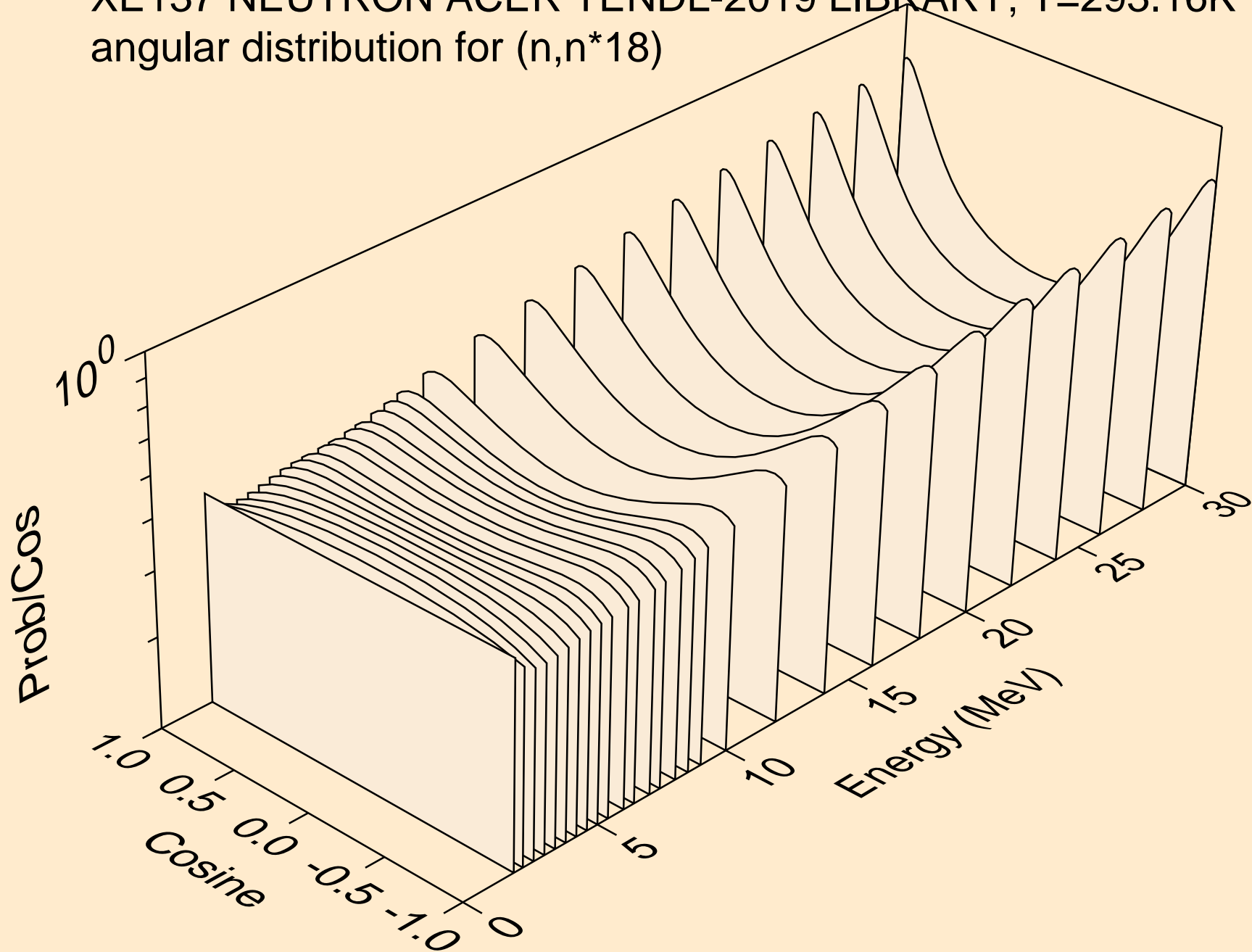
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

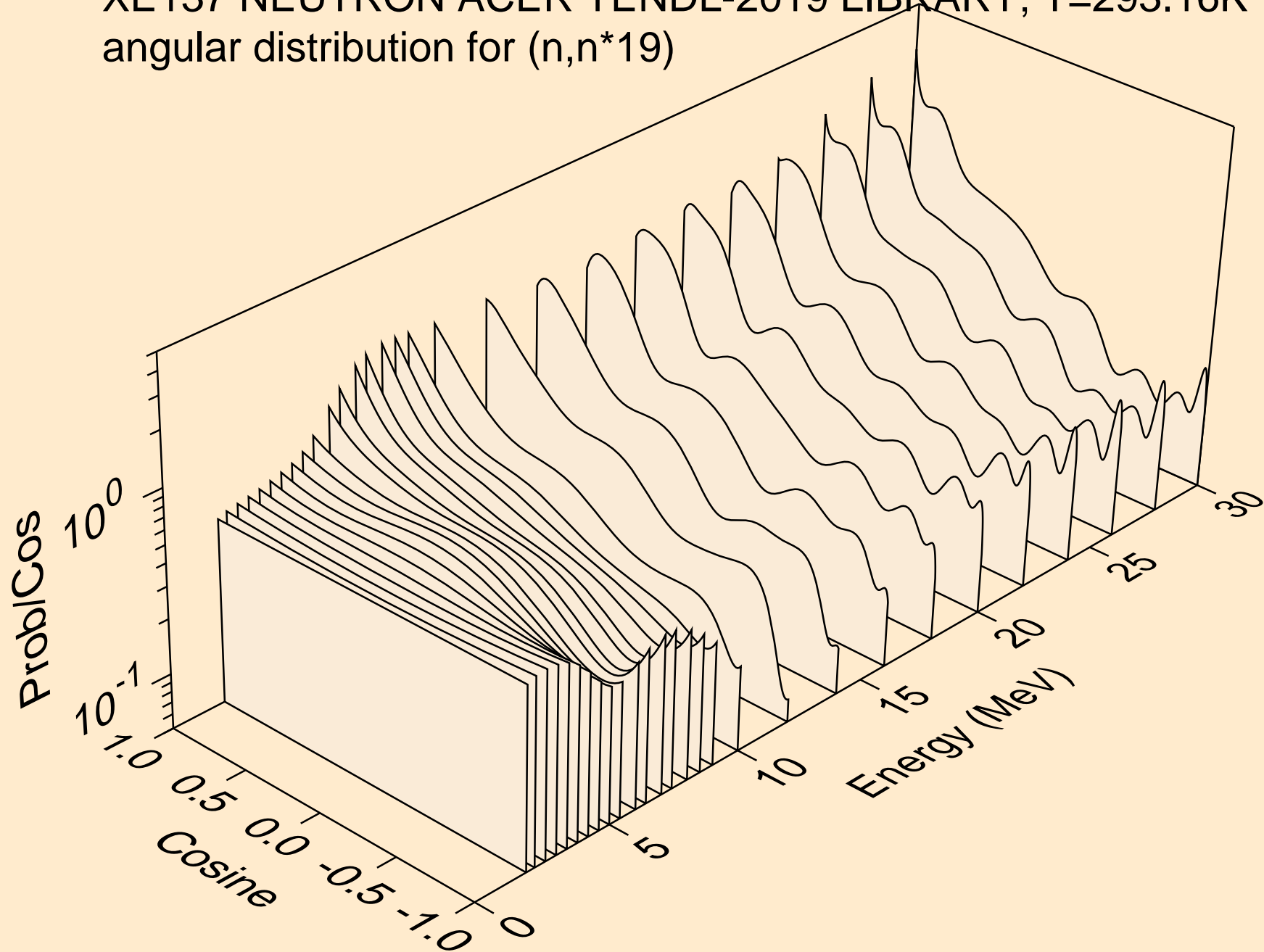


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

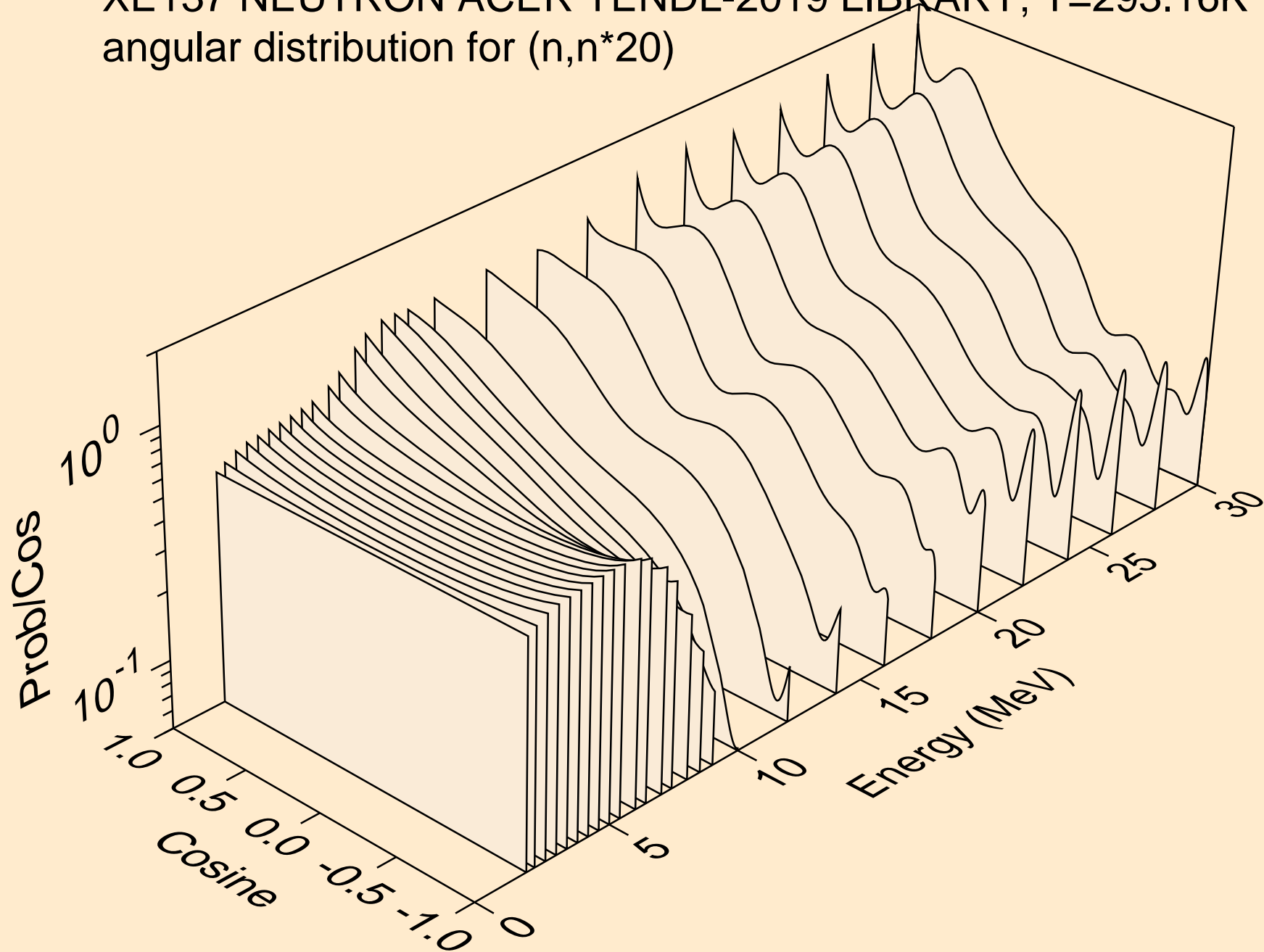




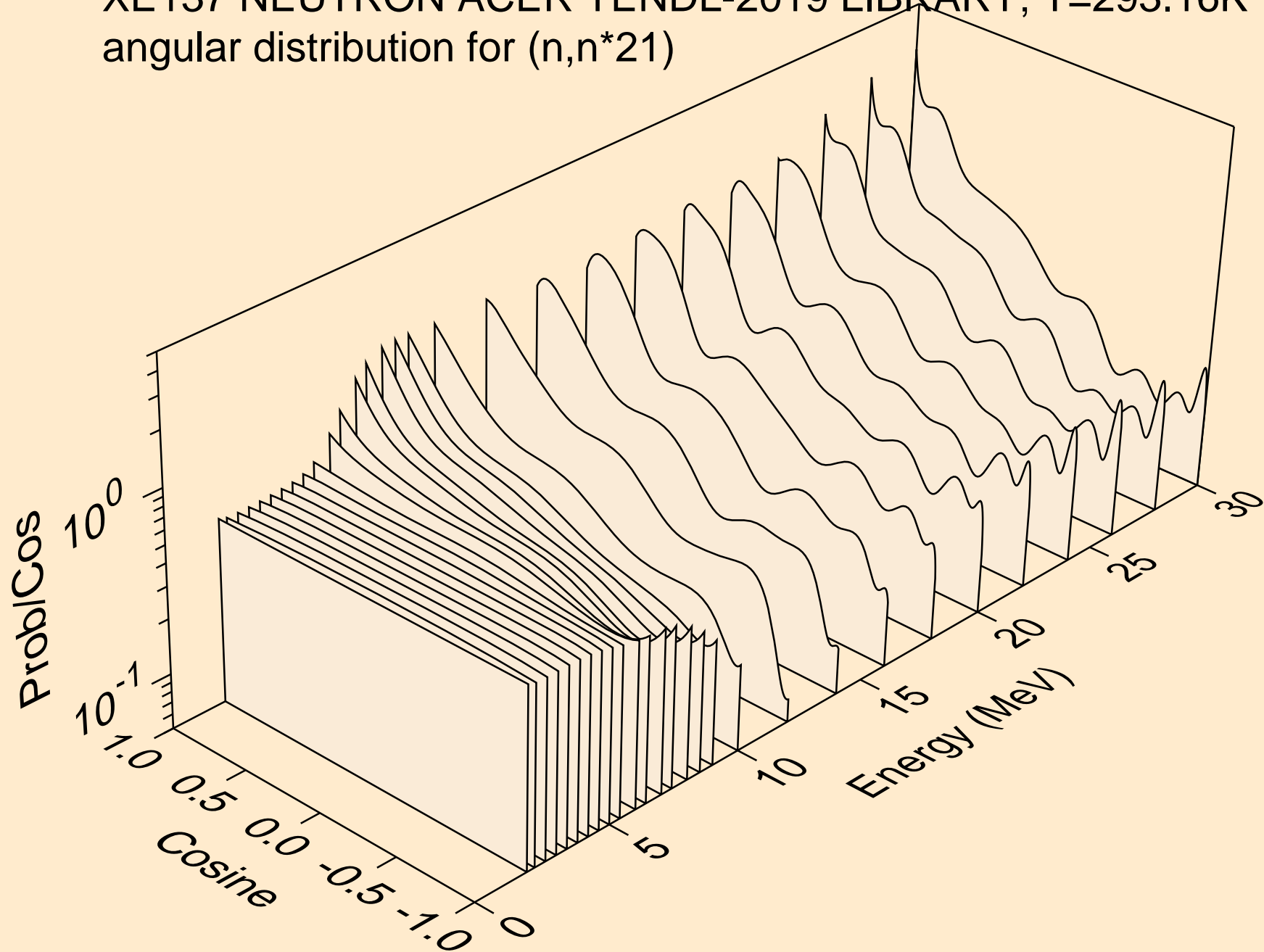
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



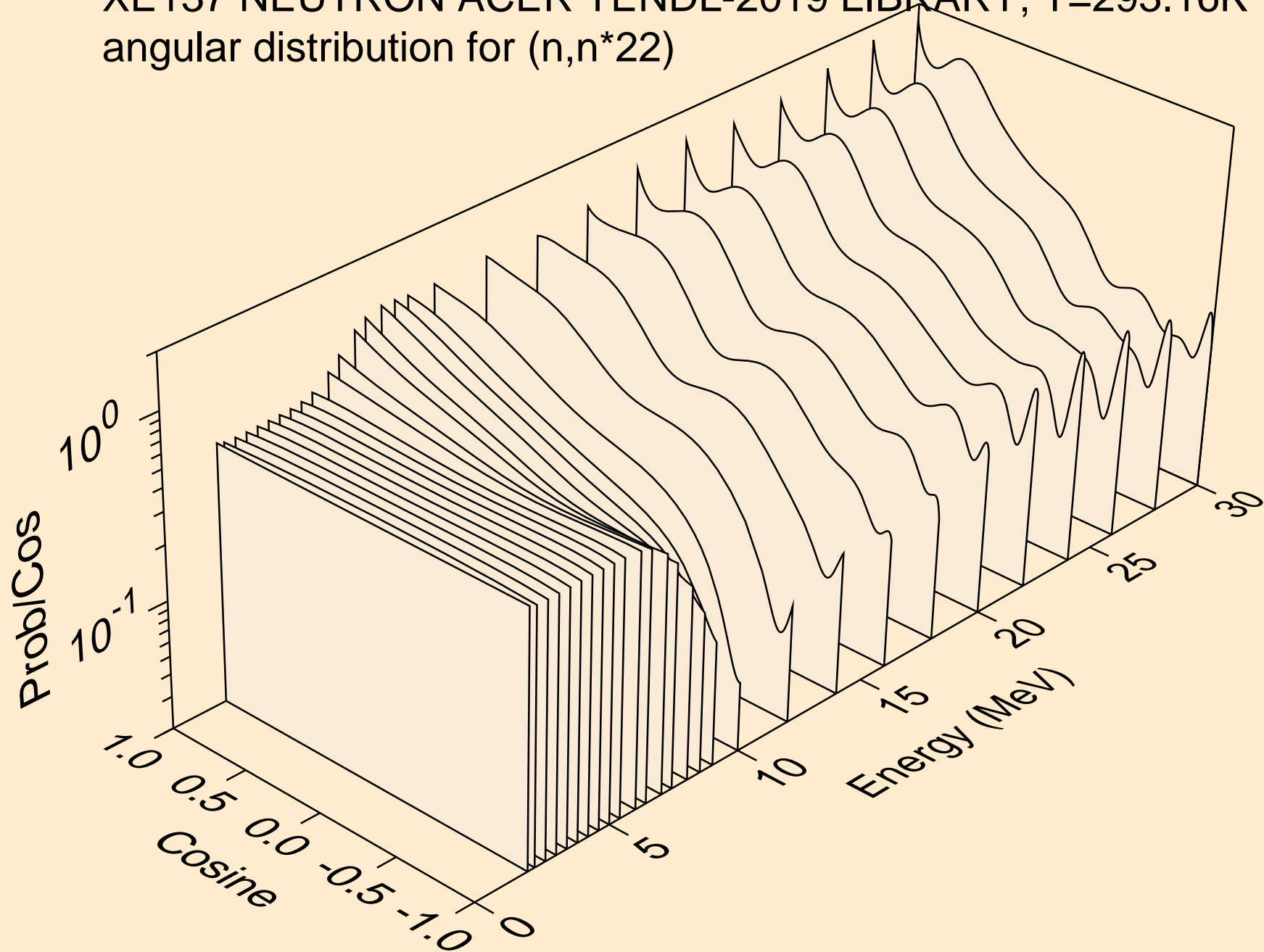
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



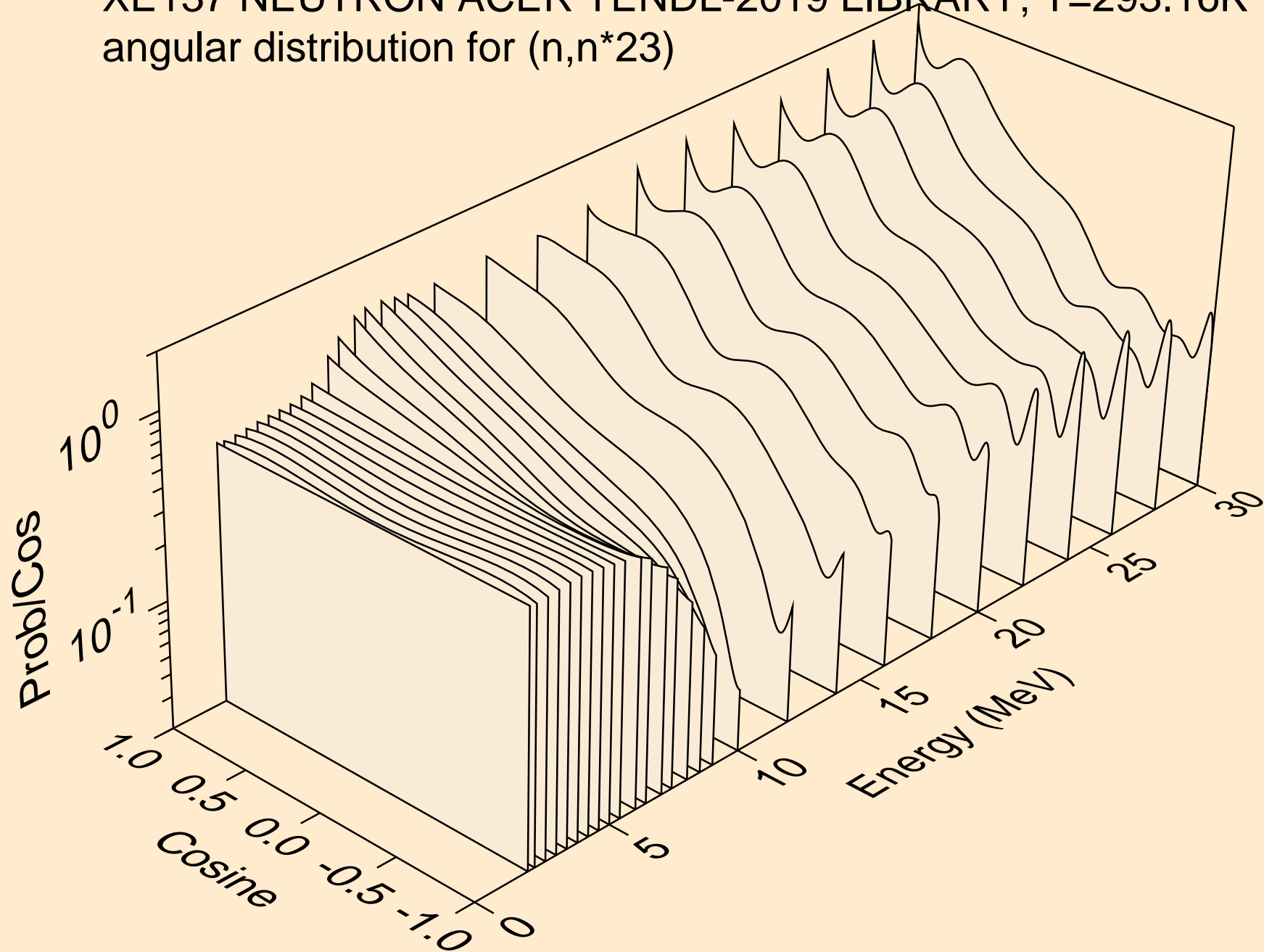
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



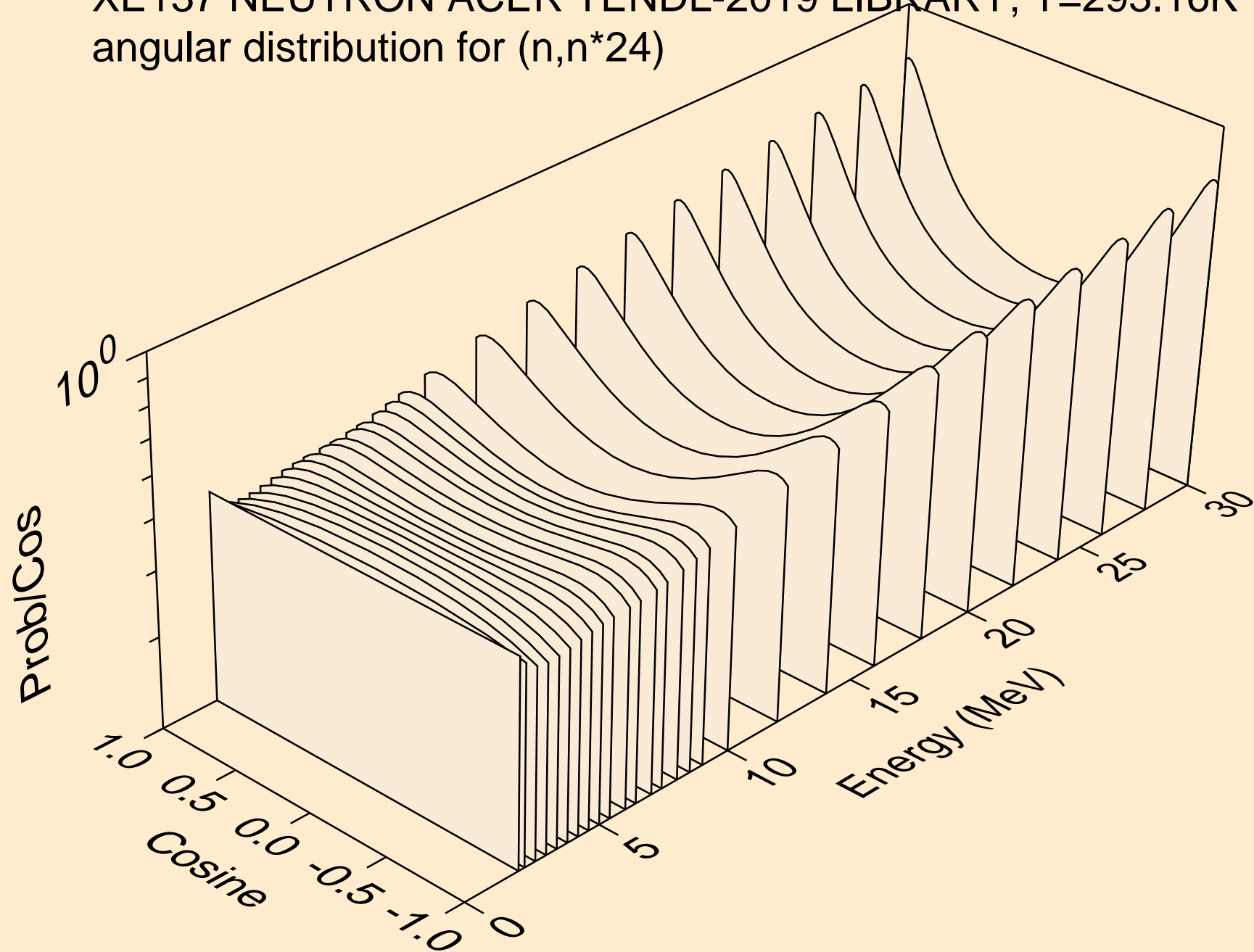
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



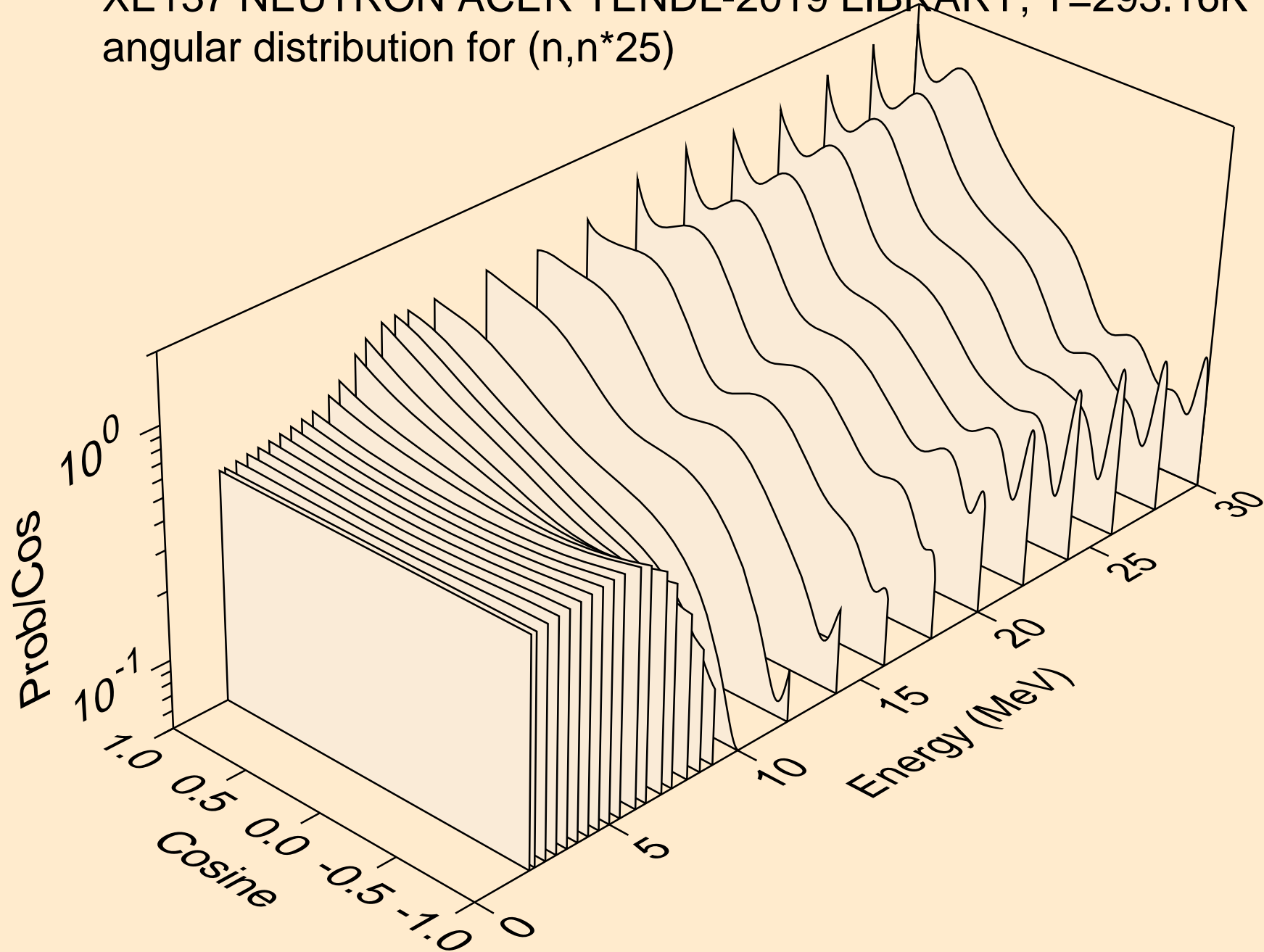
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



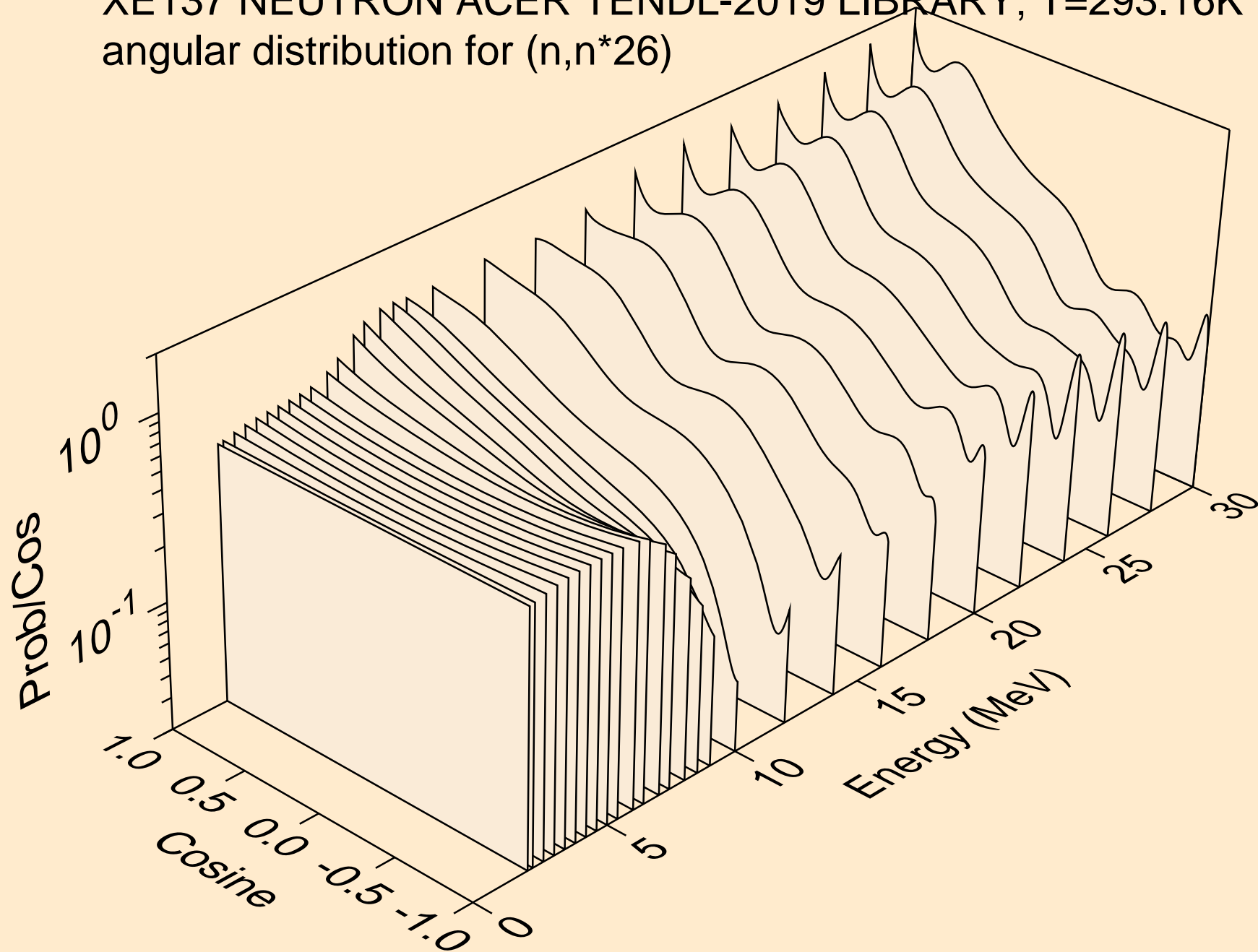
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

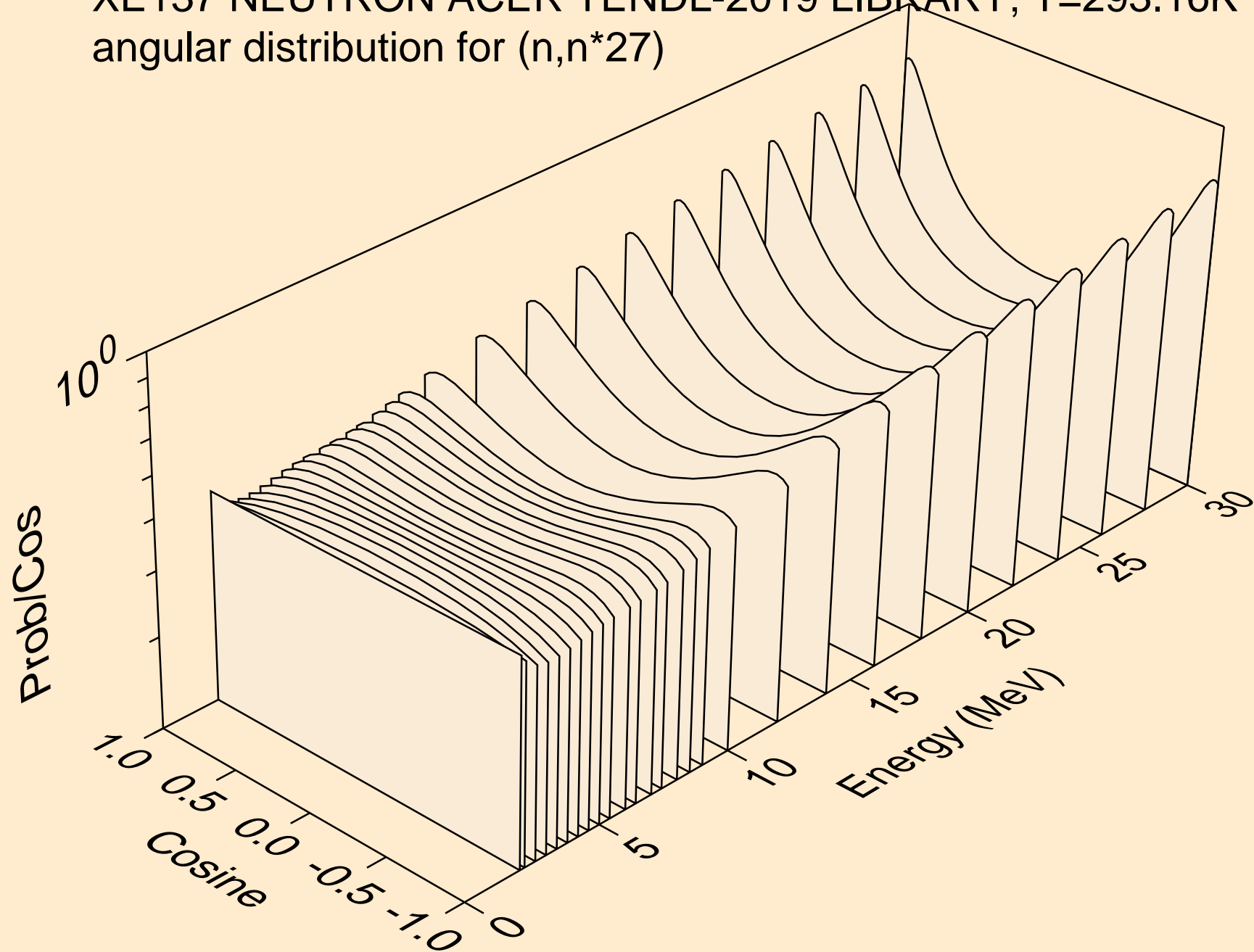


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

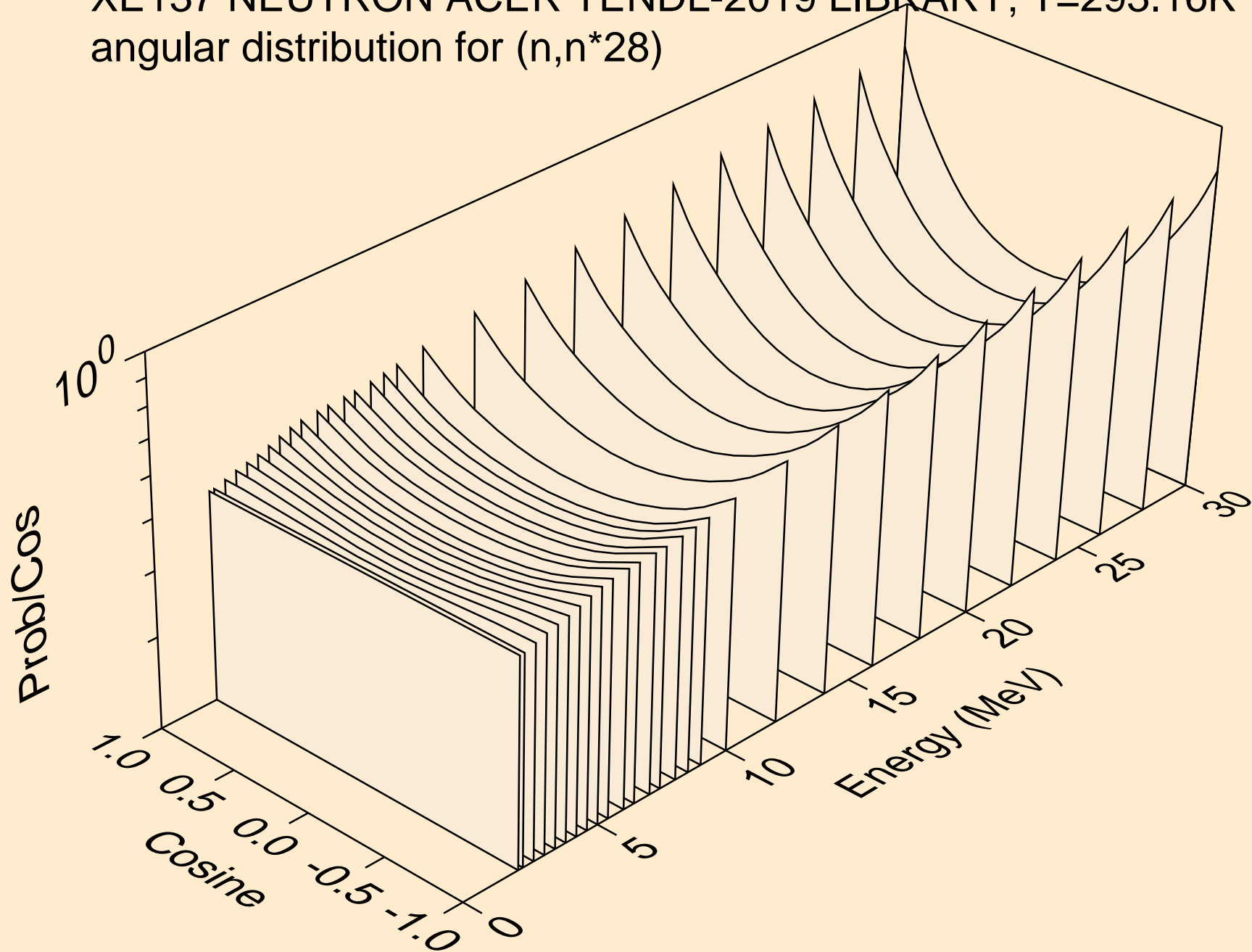




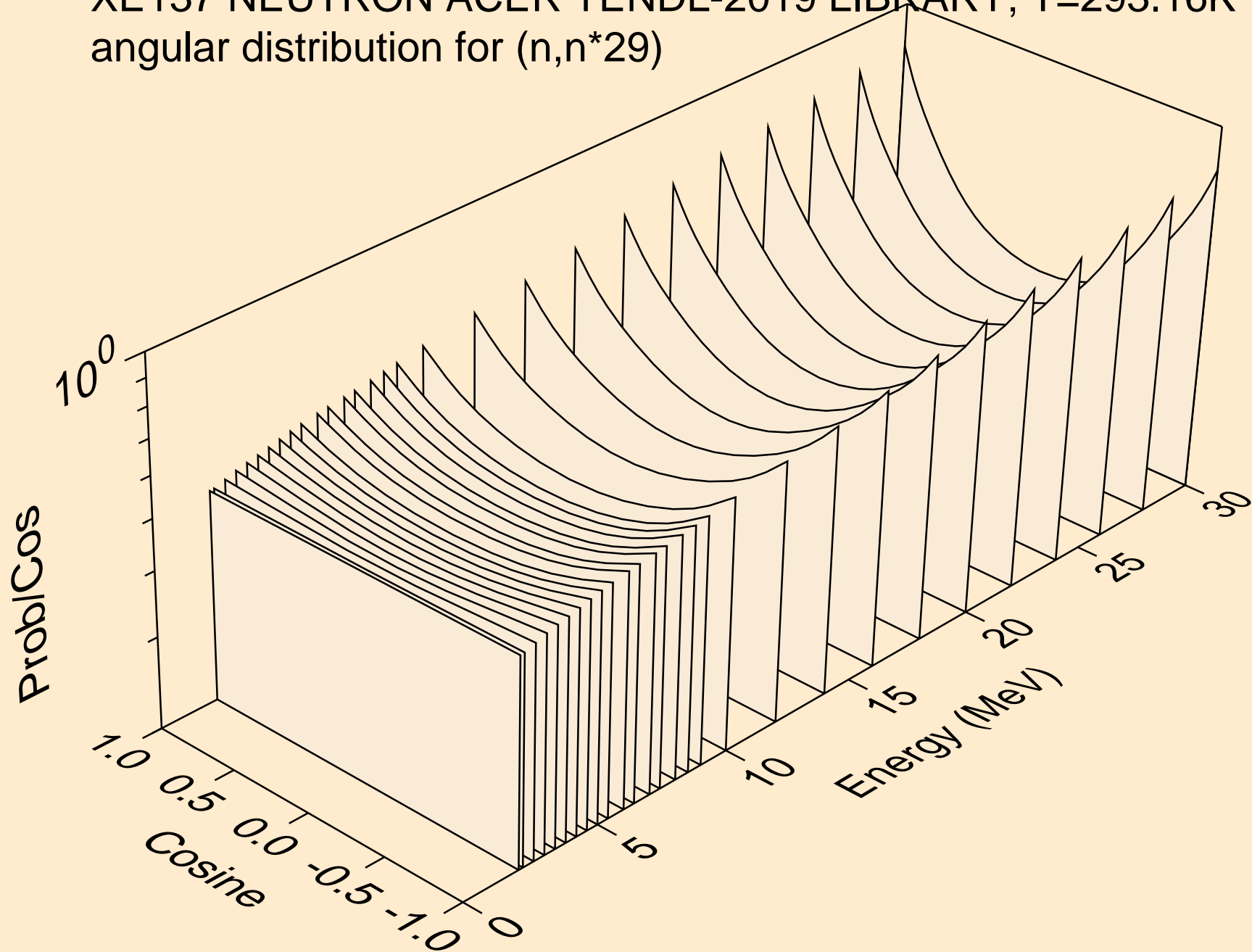
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



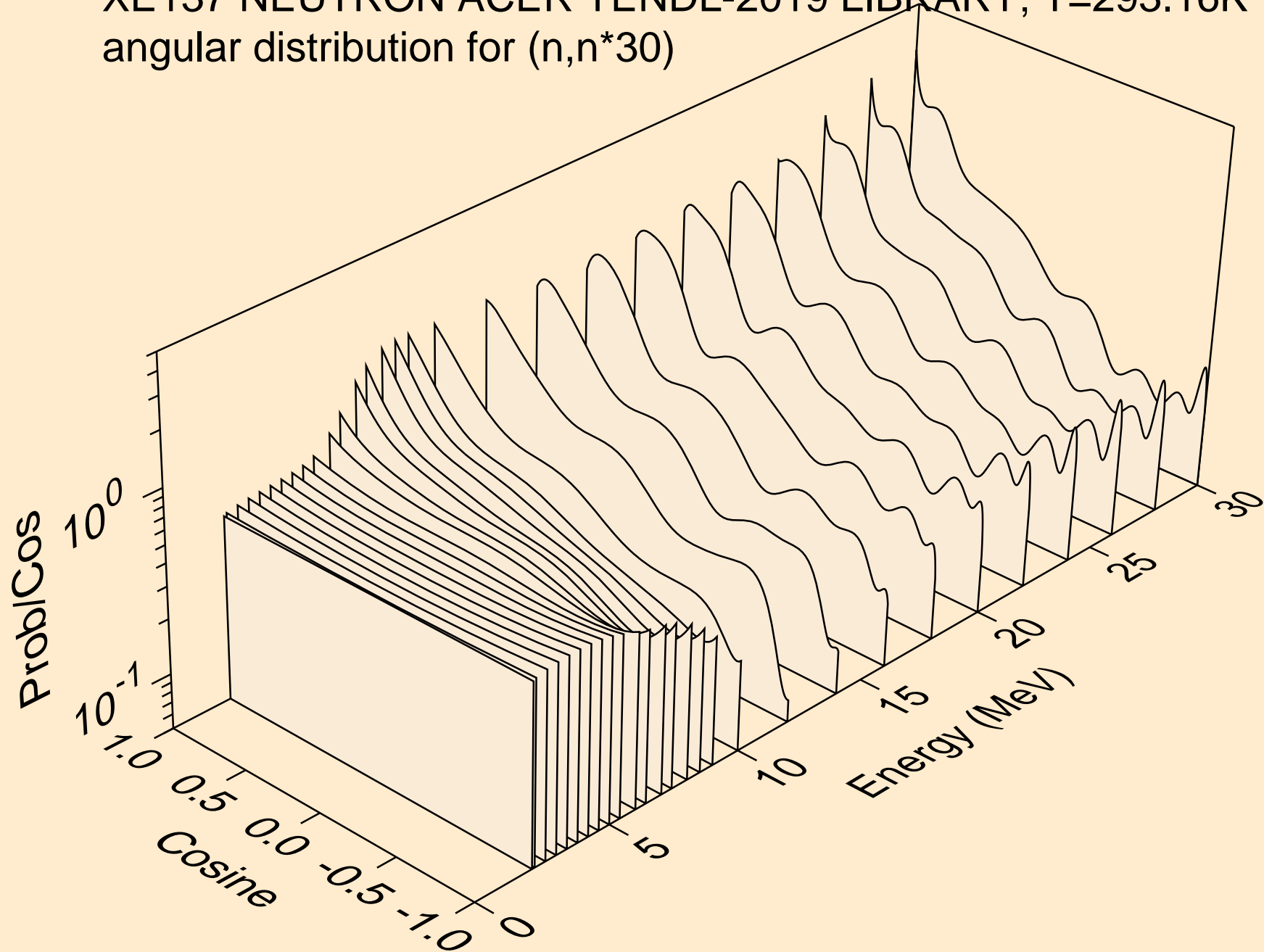
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



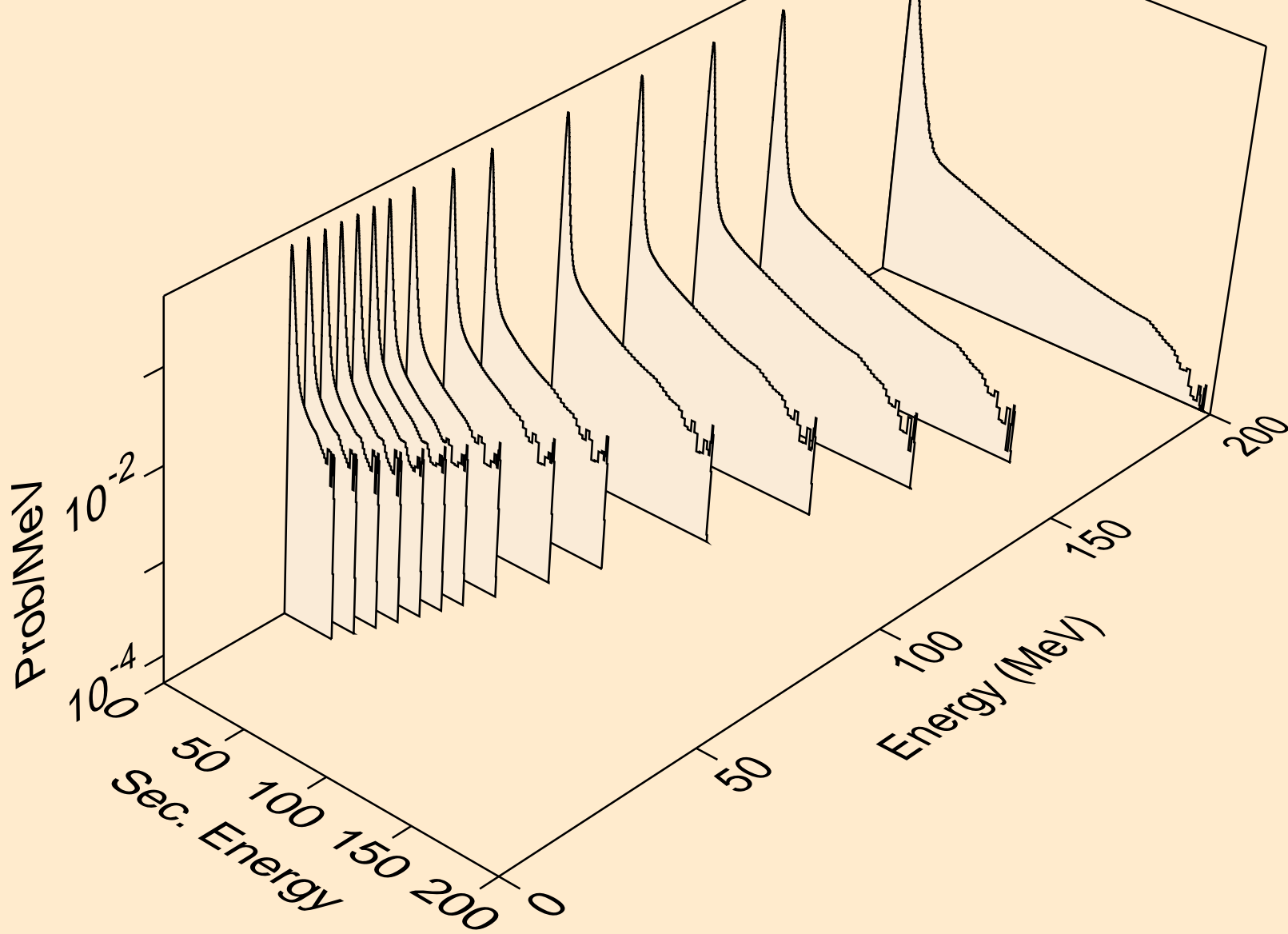
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



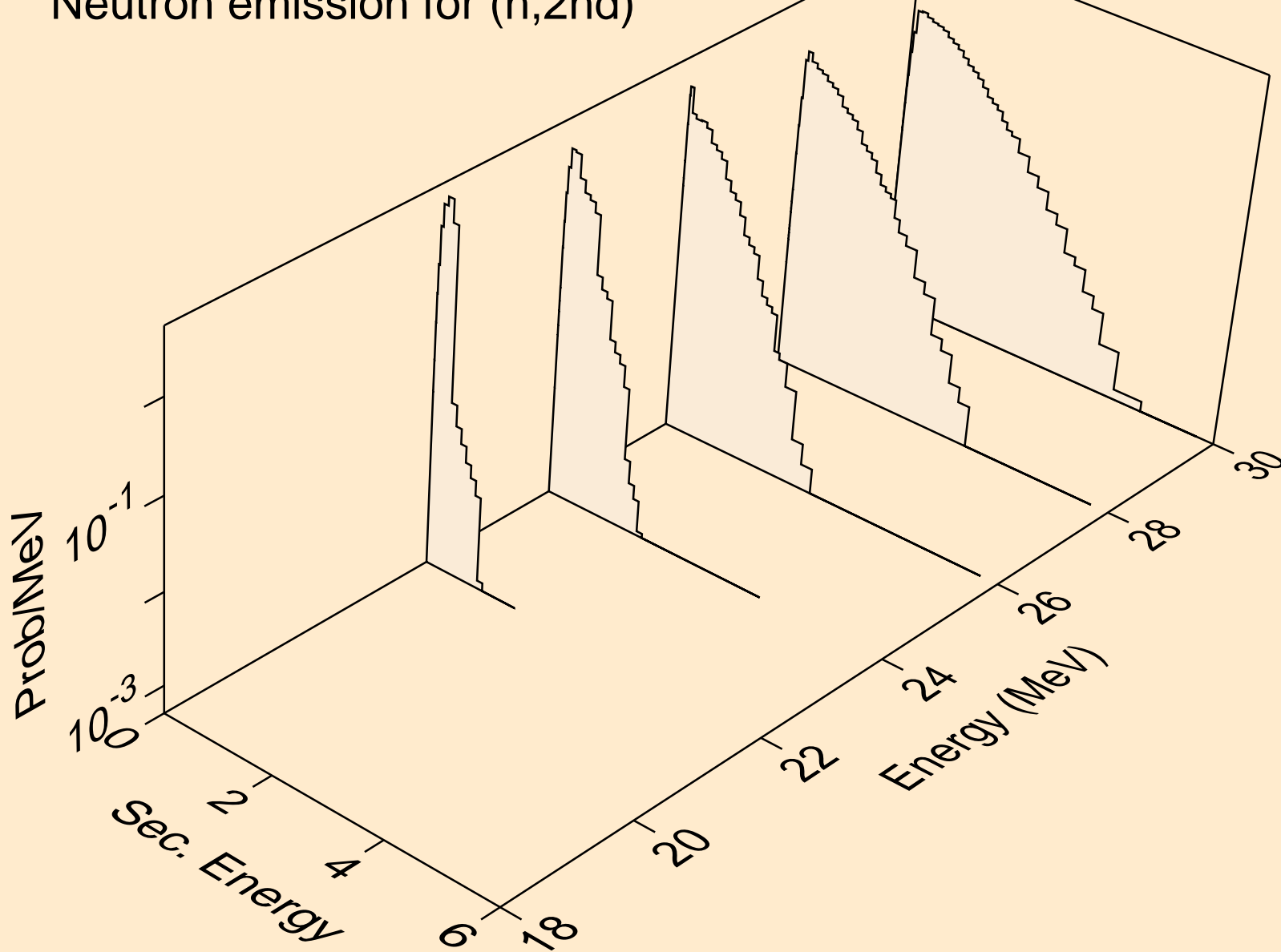
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



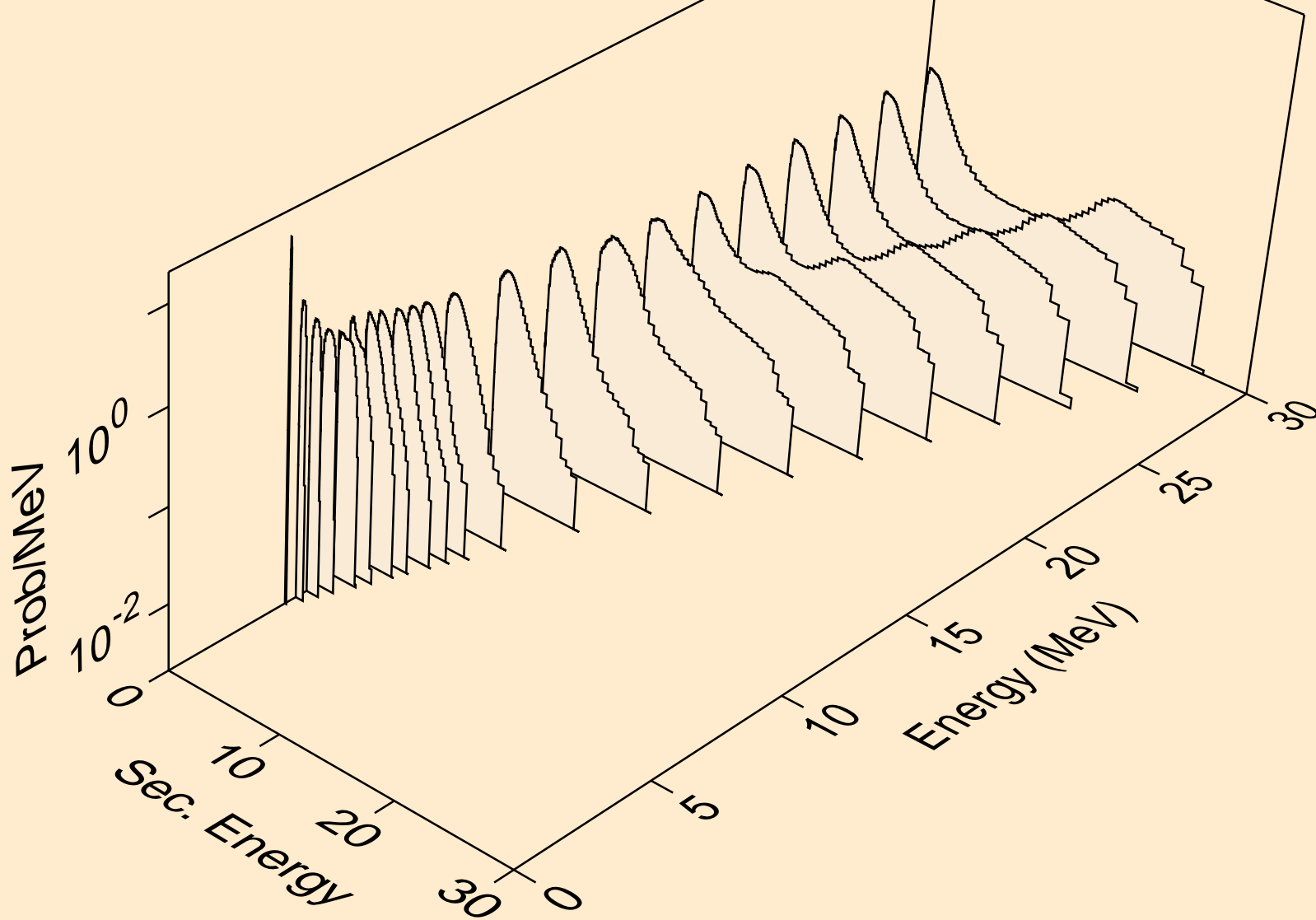
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



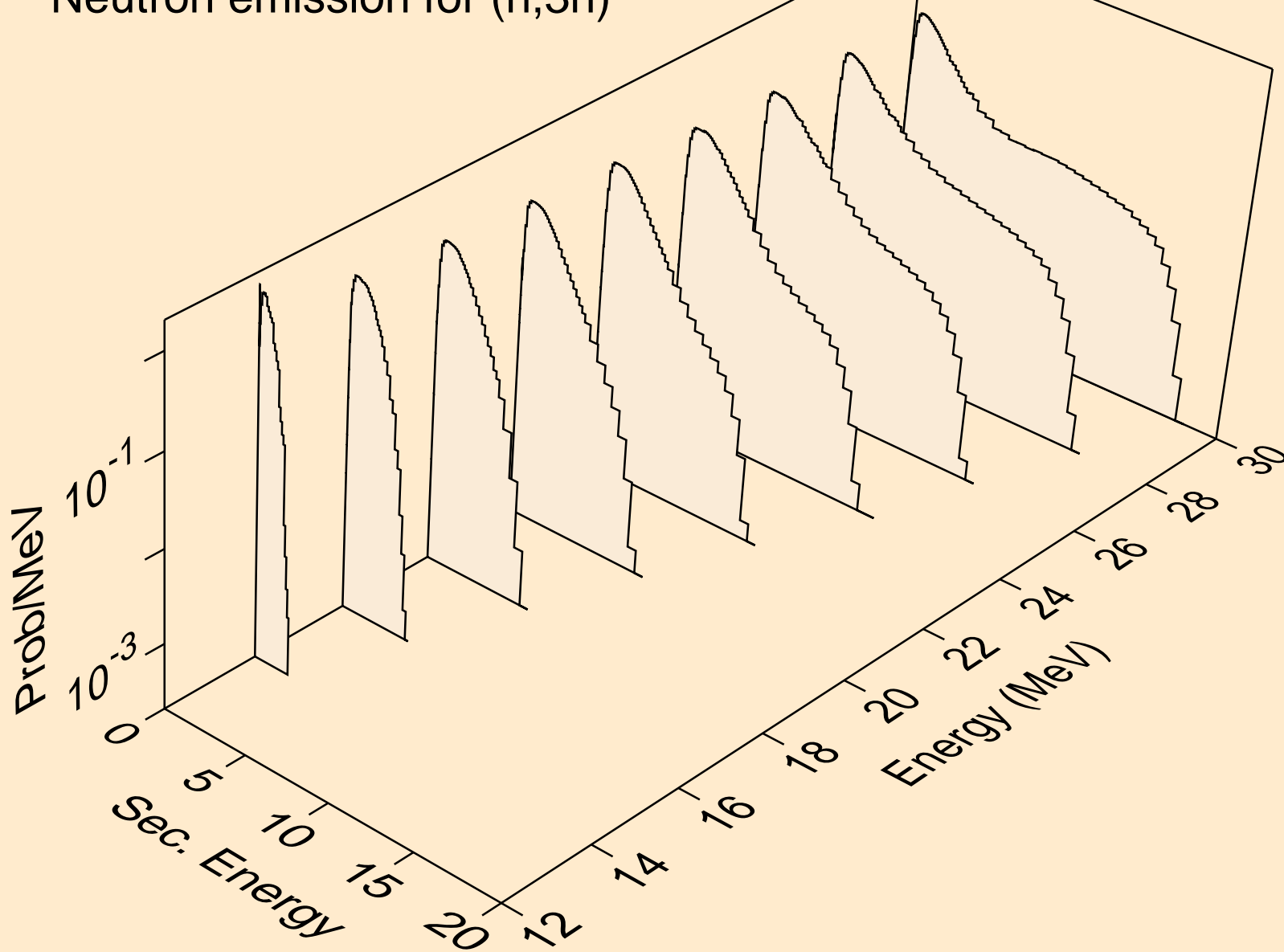
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

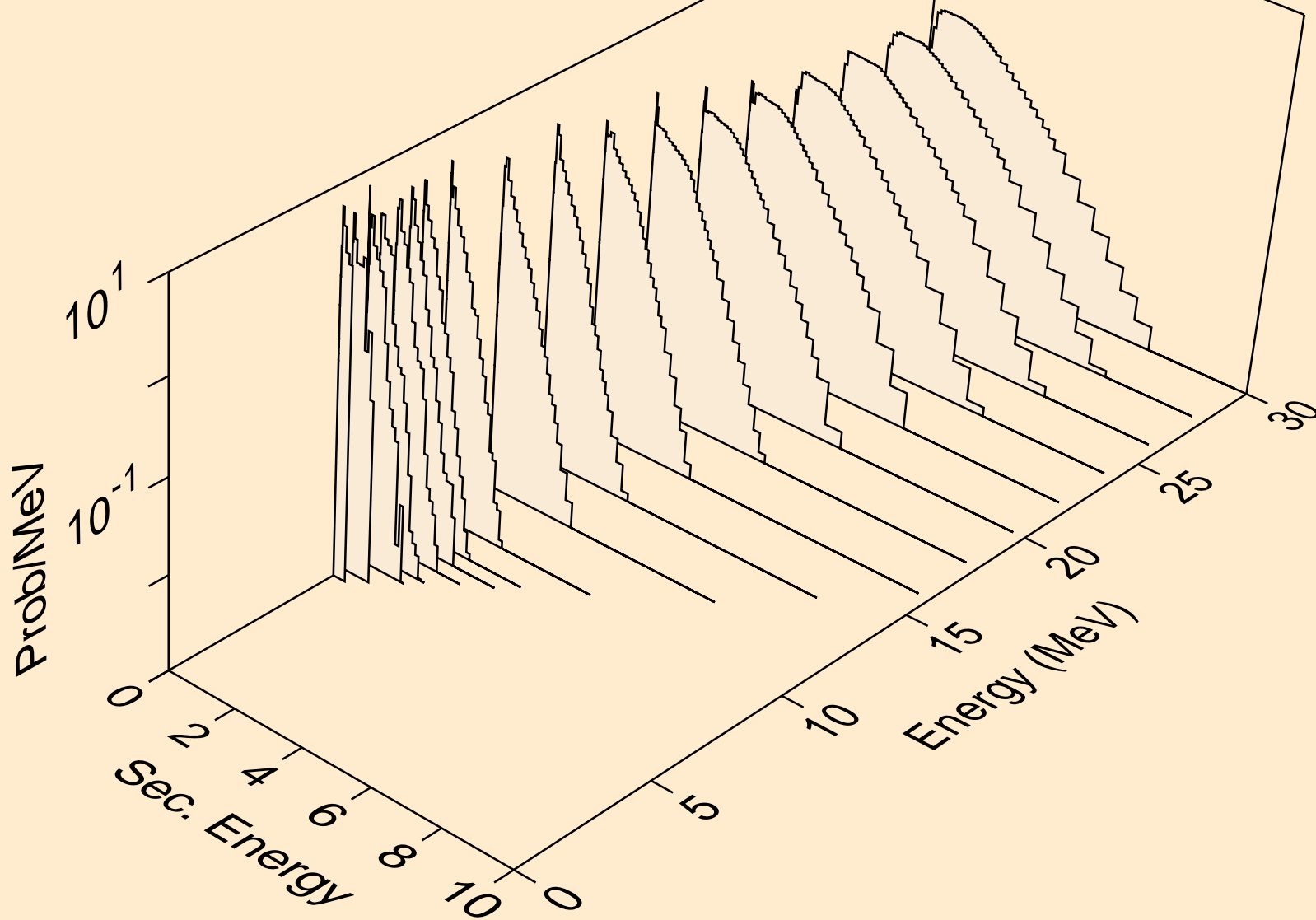


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

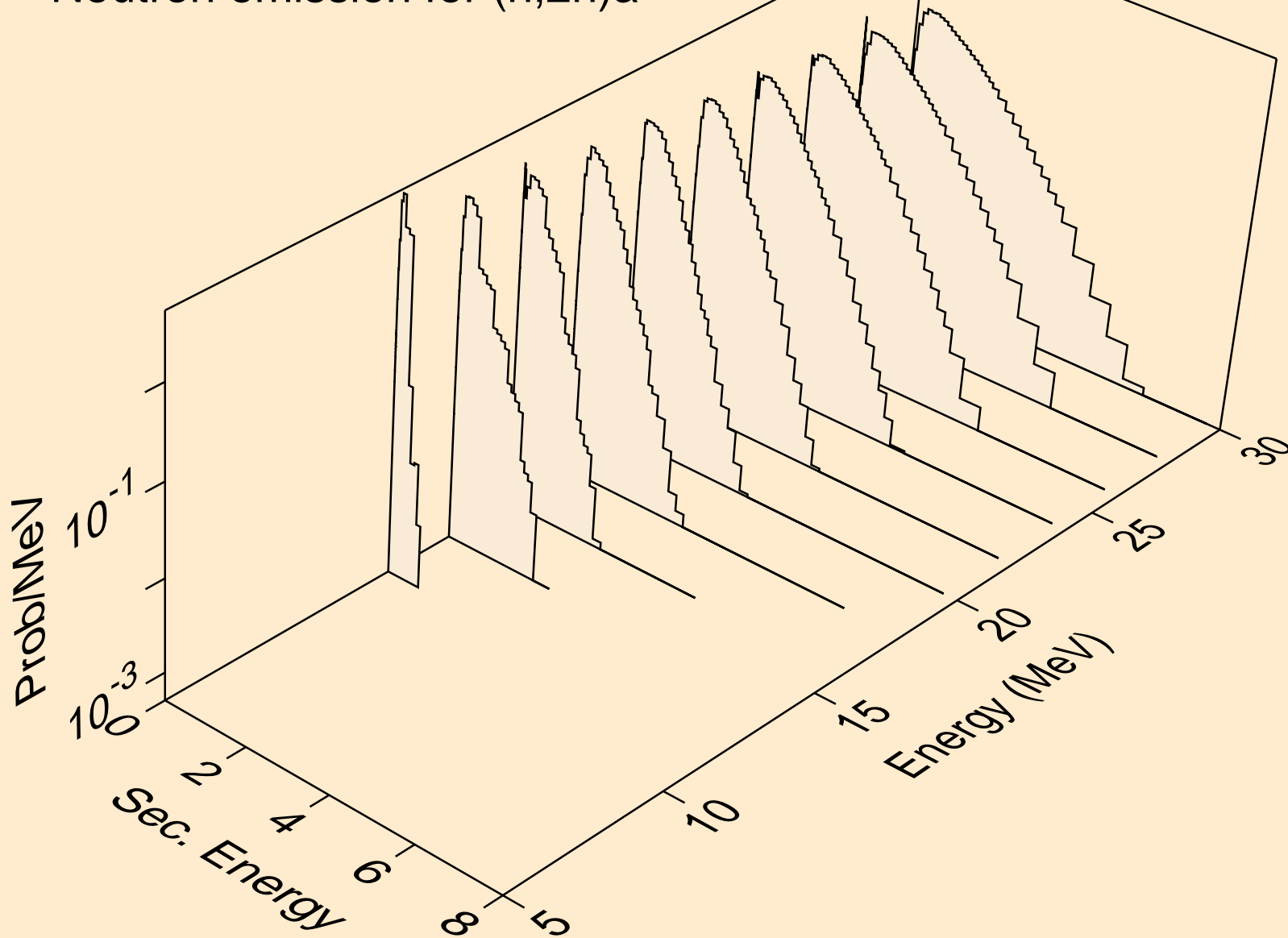




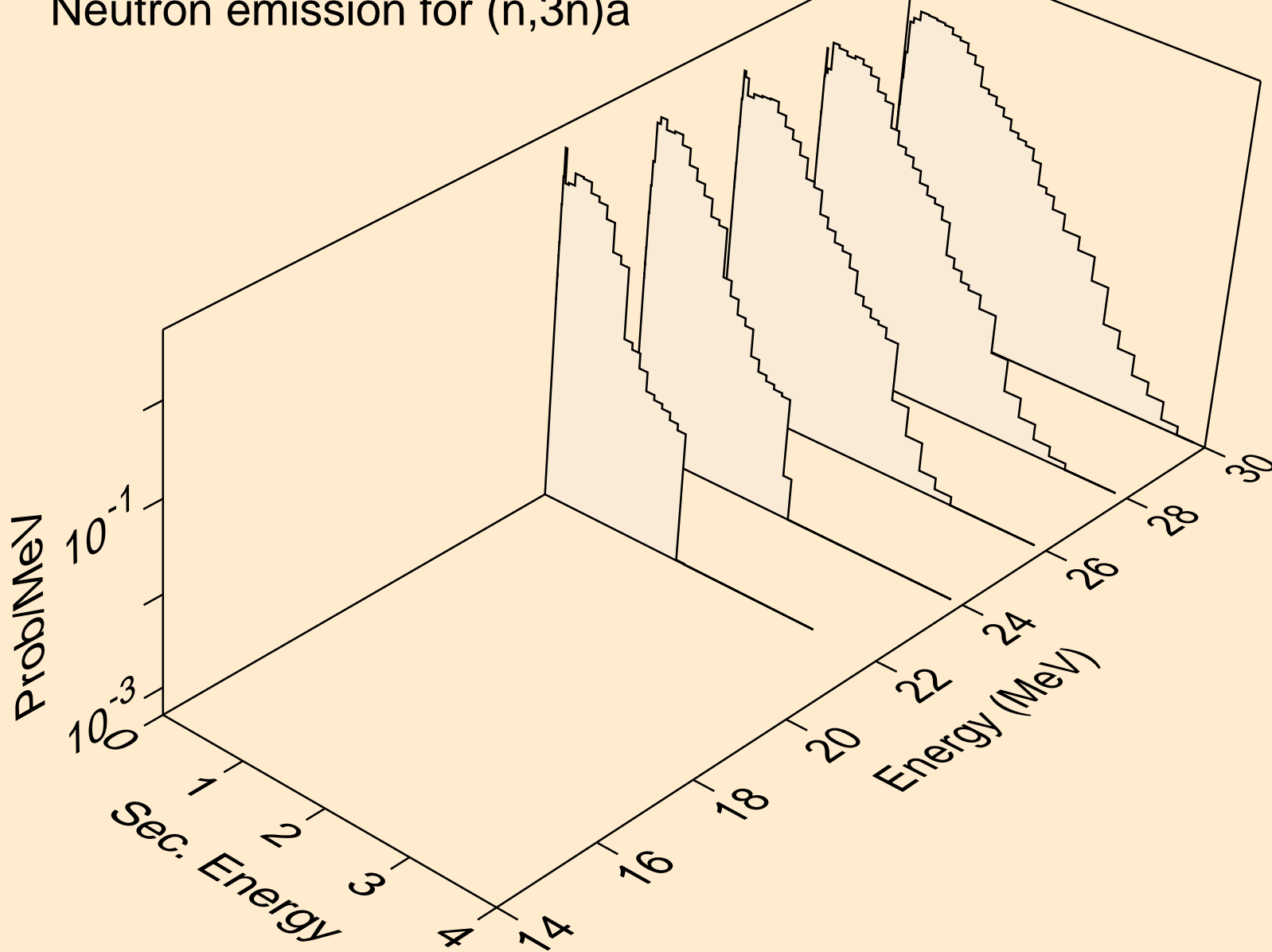
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



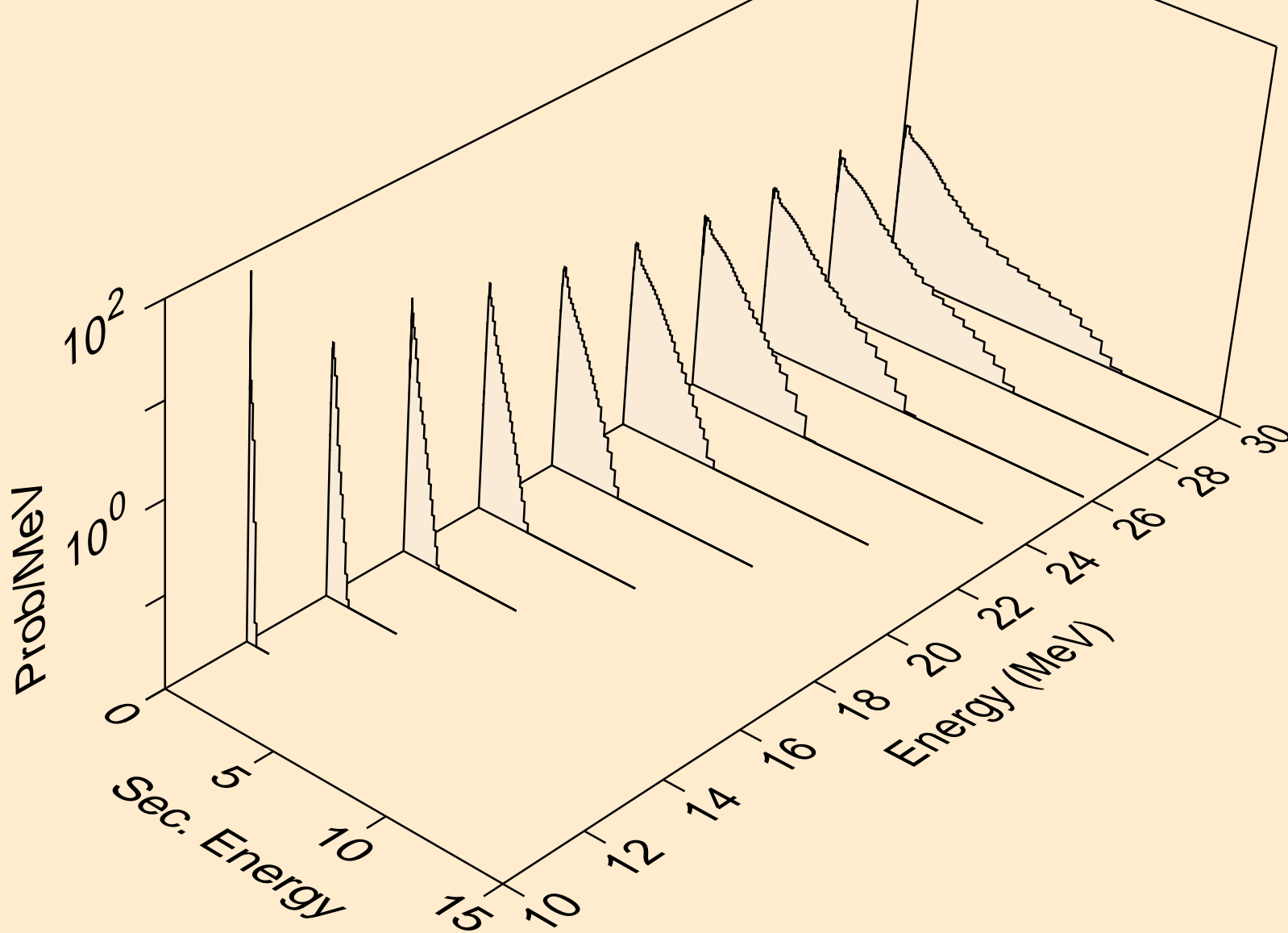
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)<sub>a</sub>



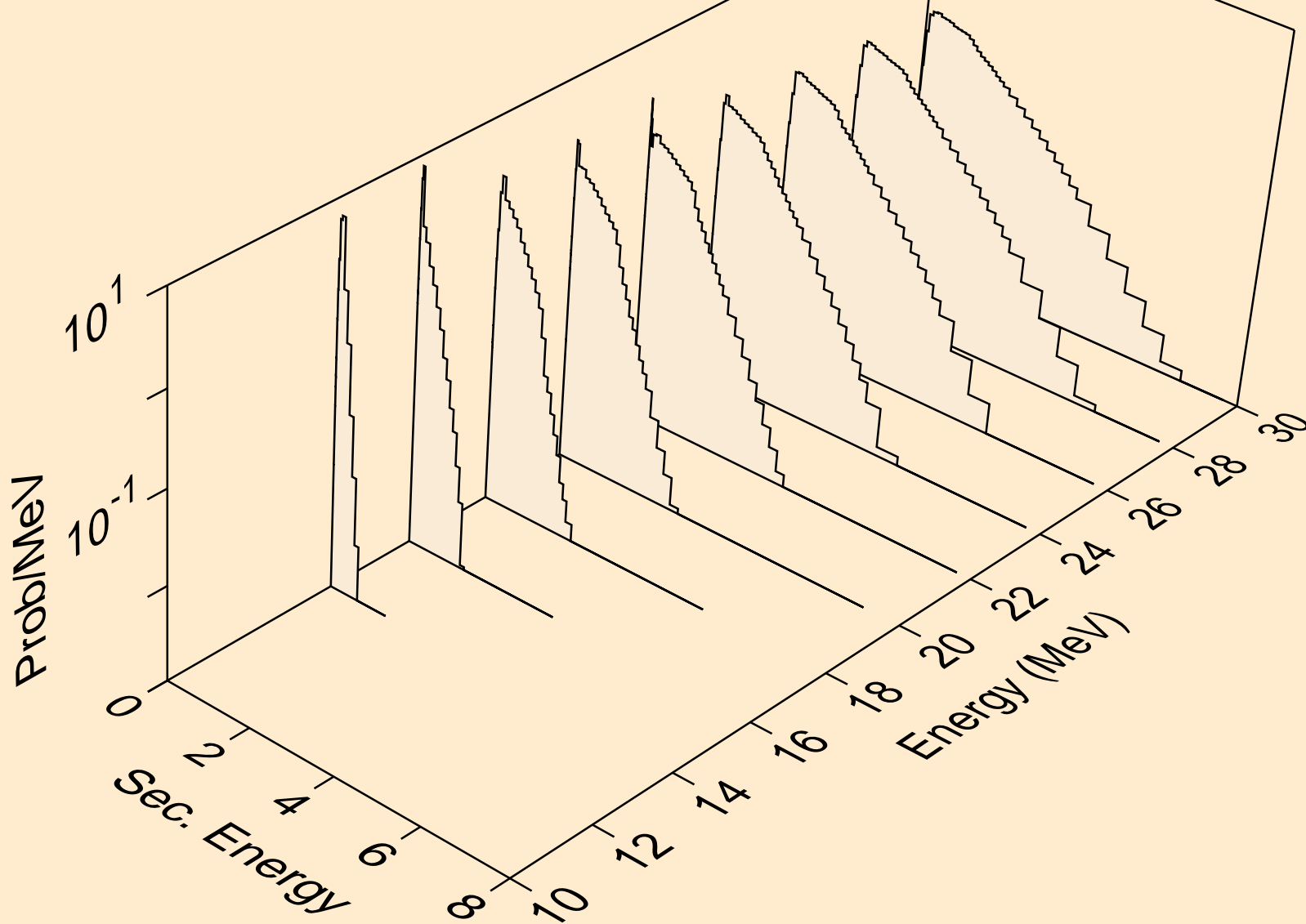
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



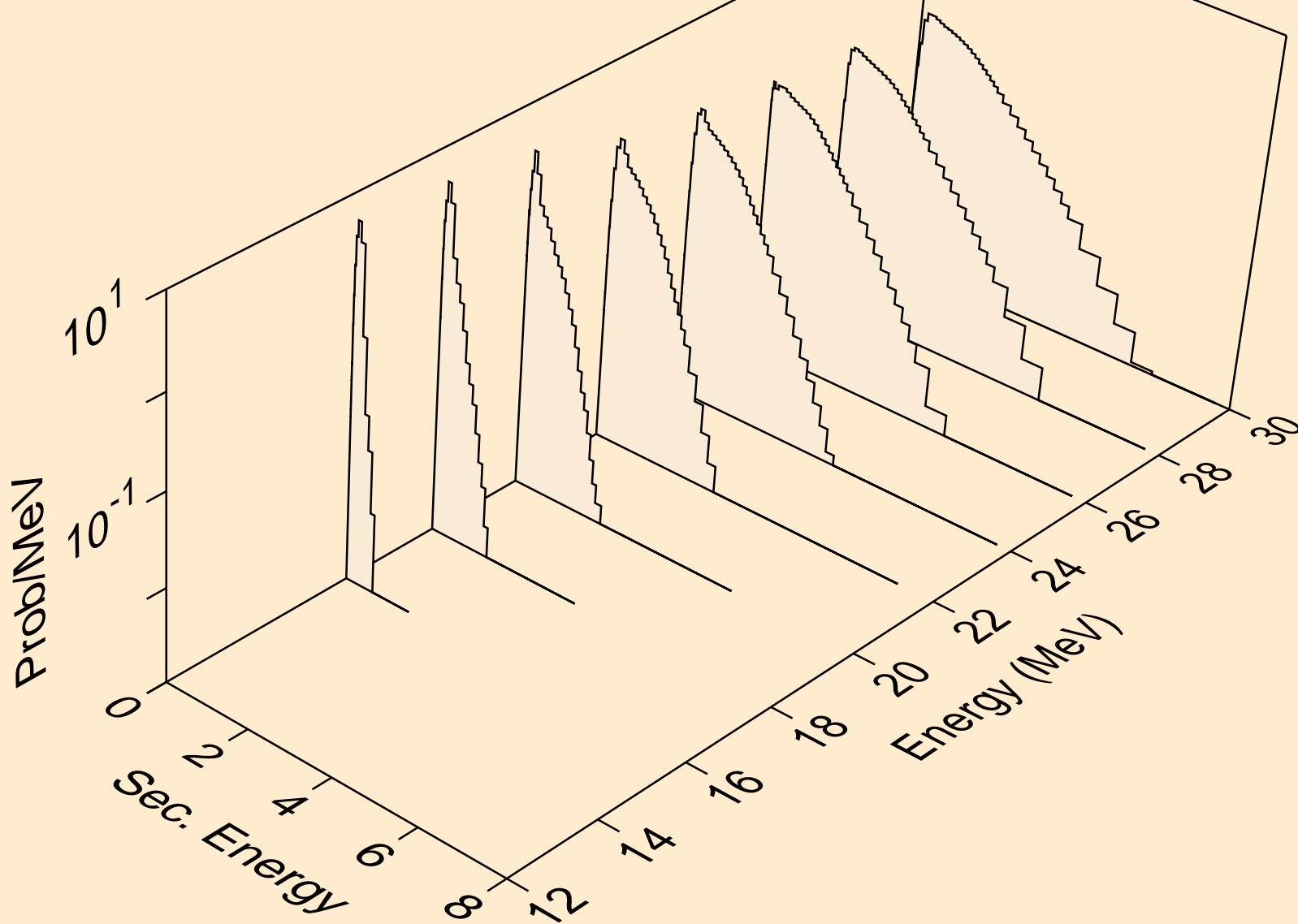
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



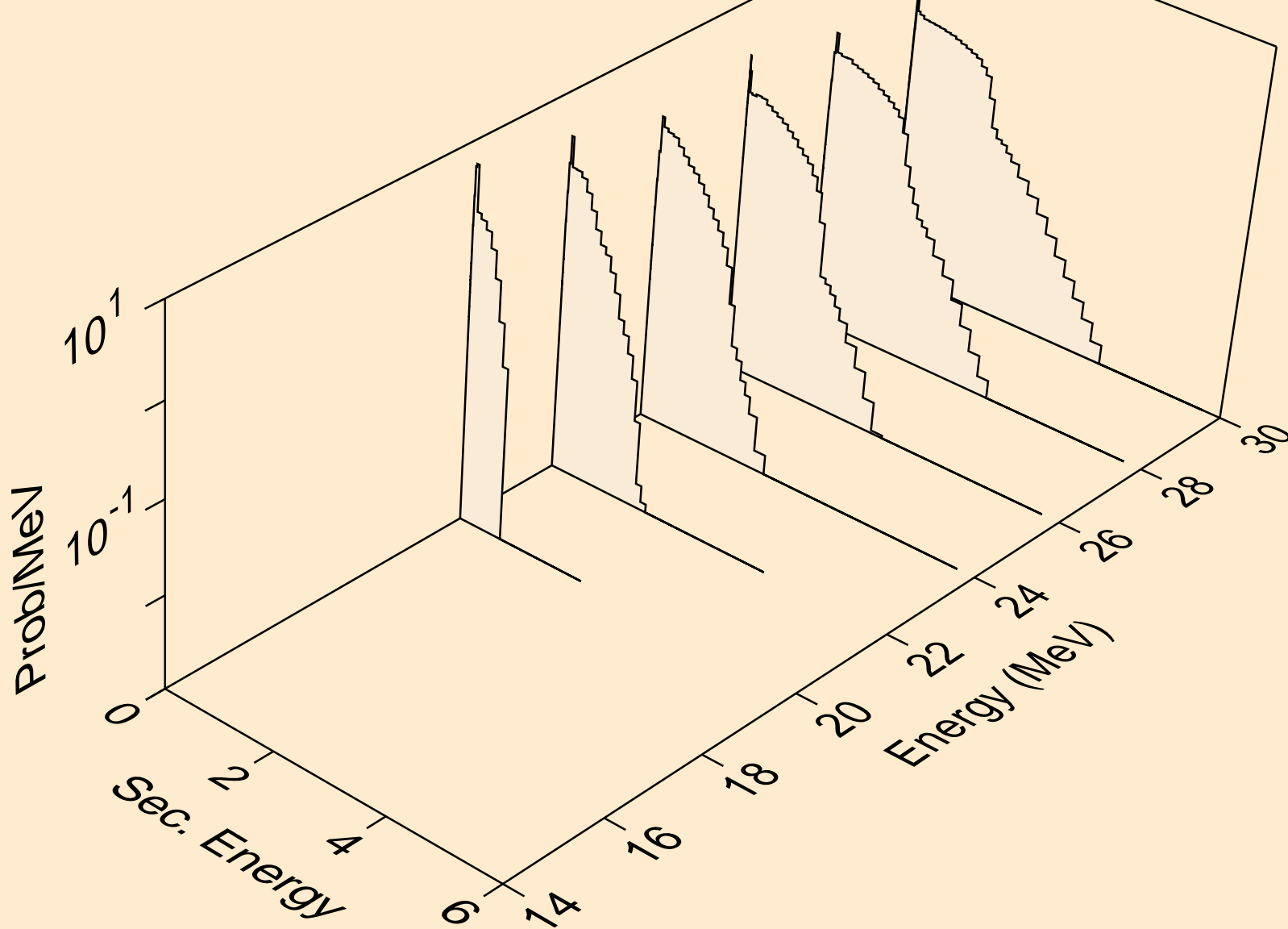
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



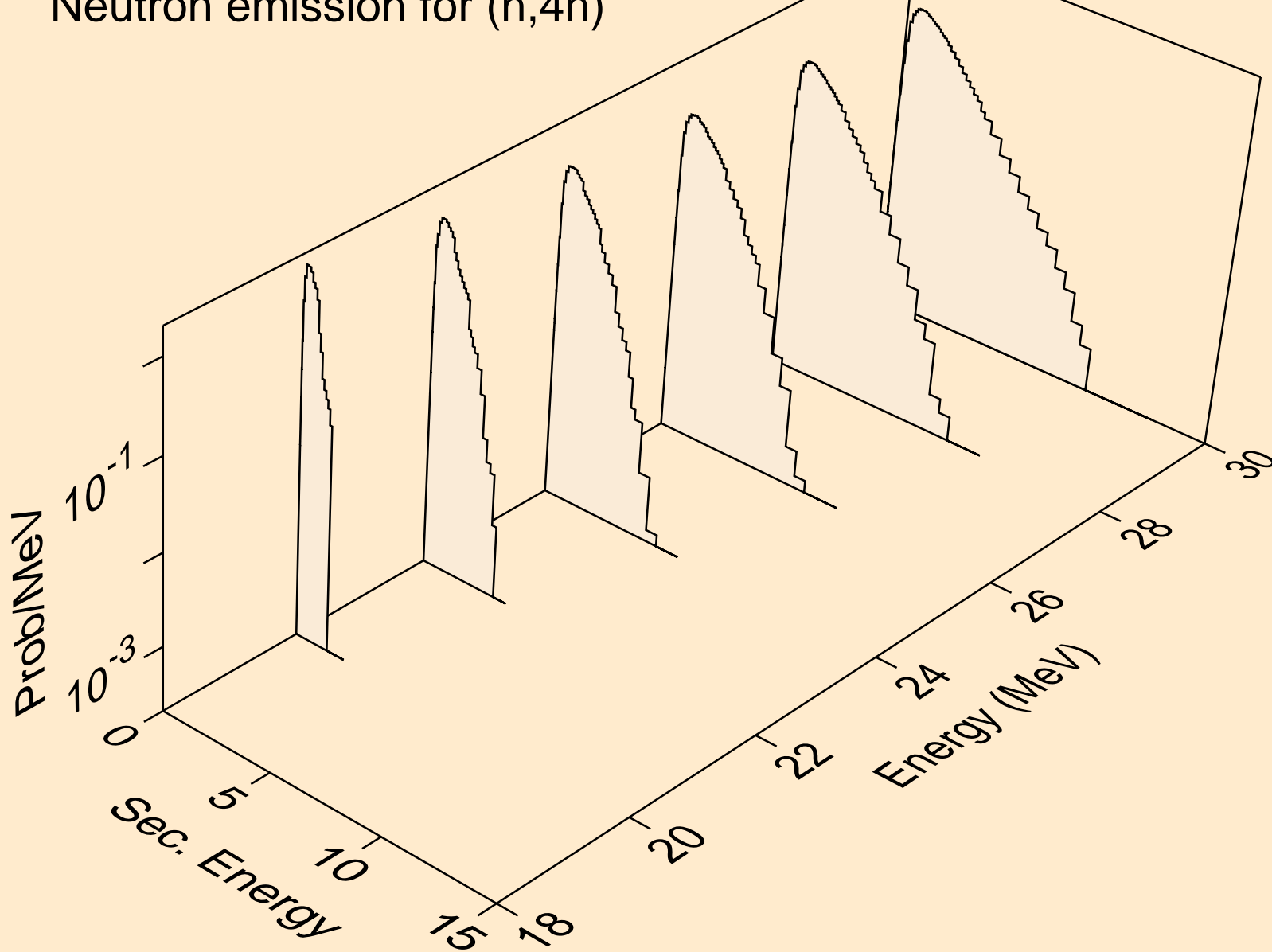
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

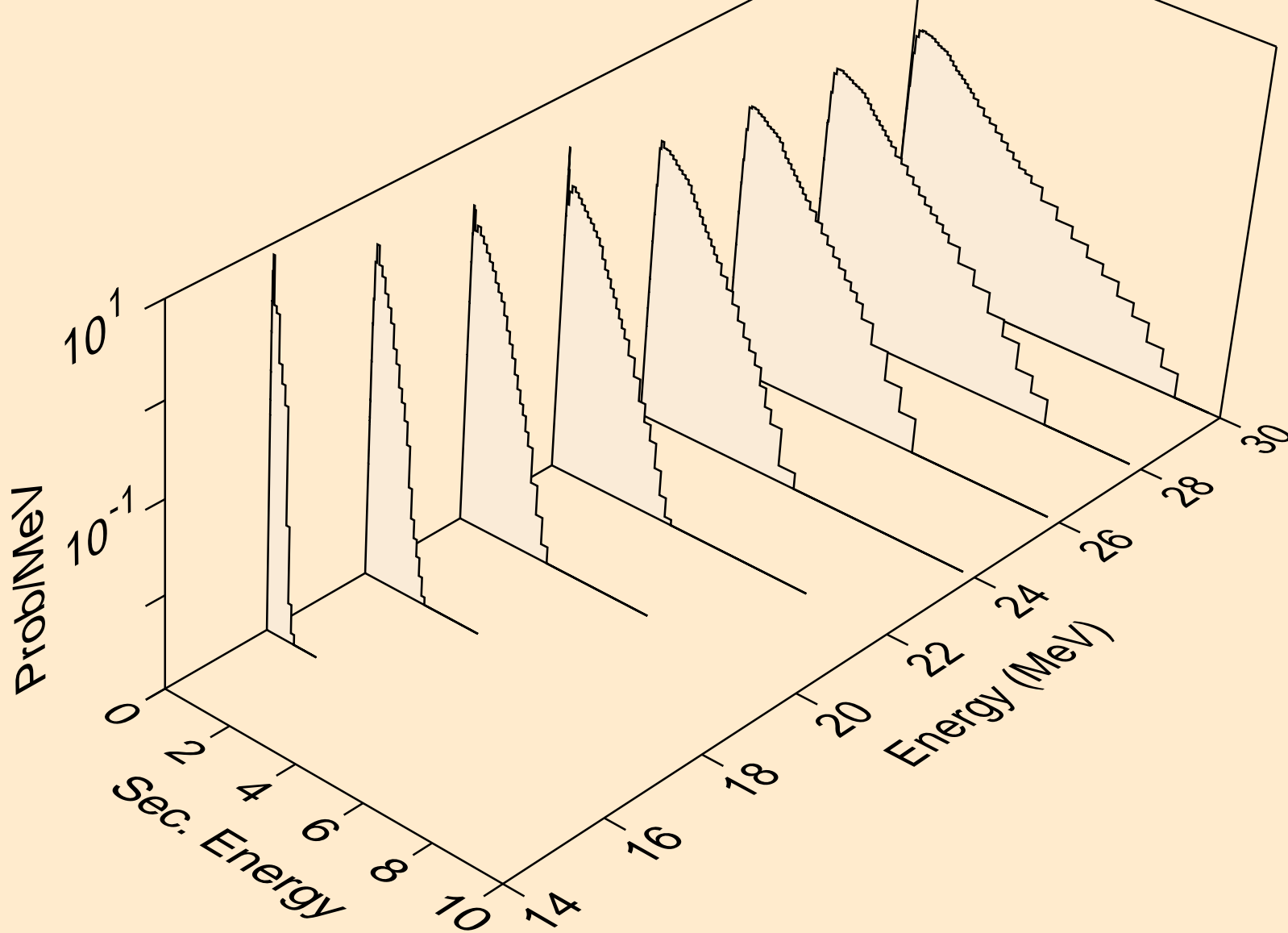


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

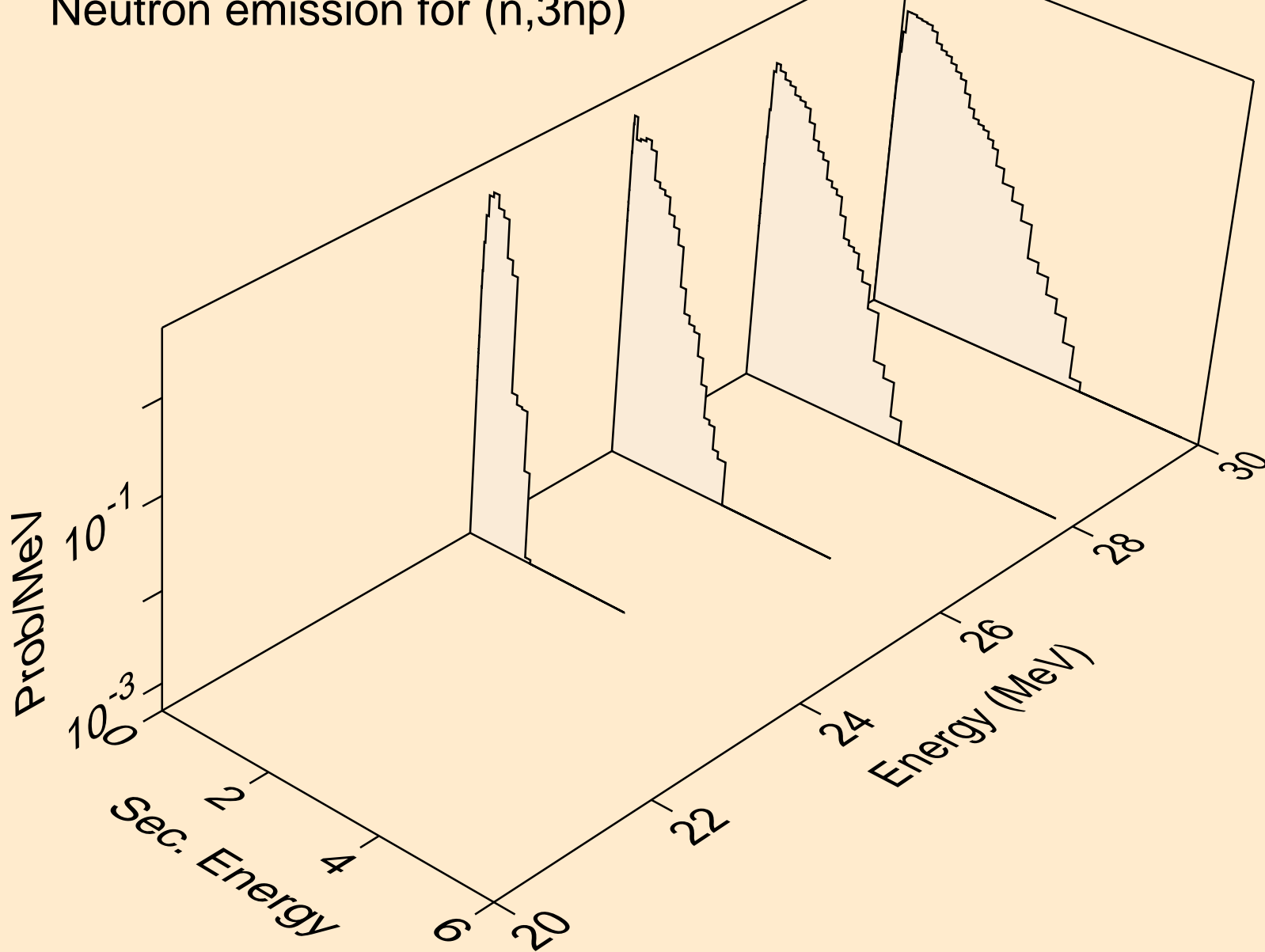




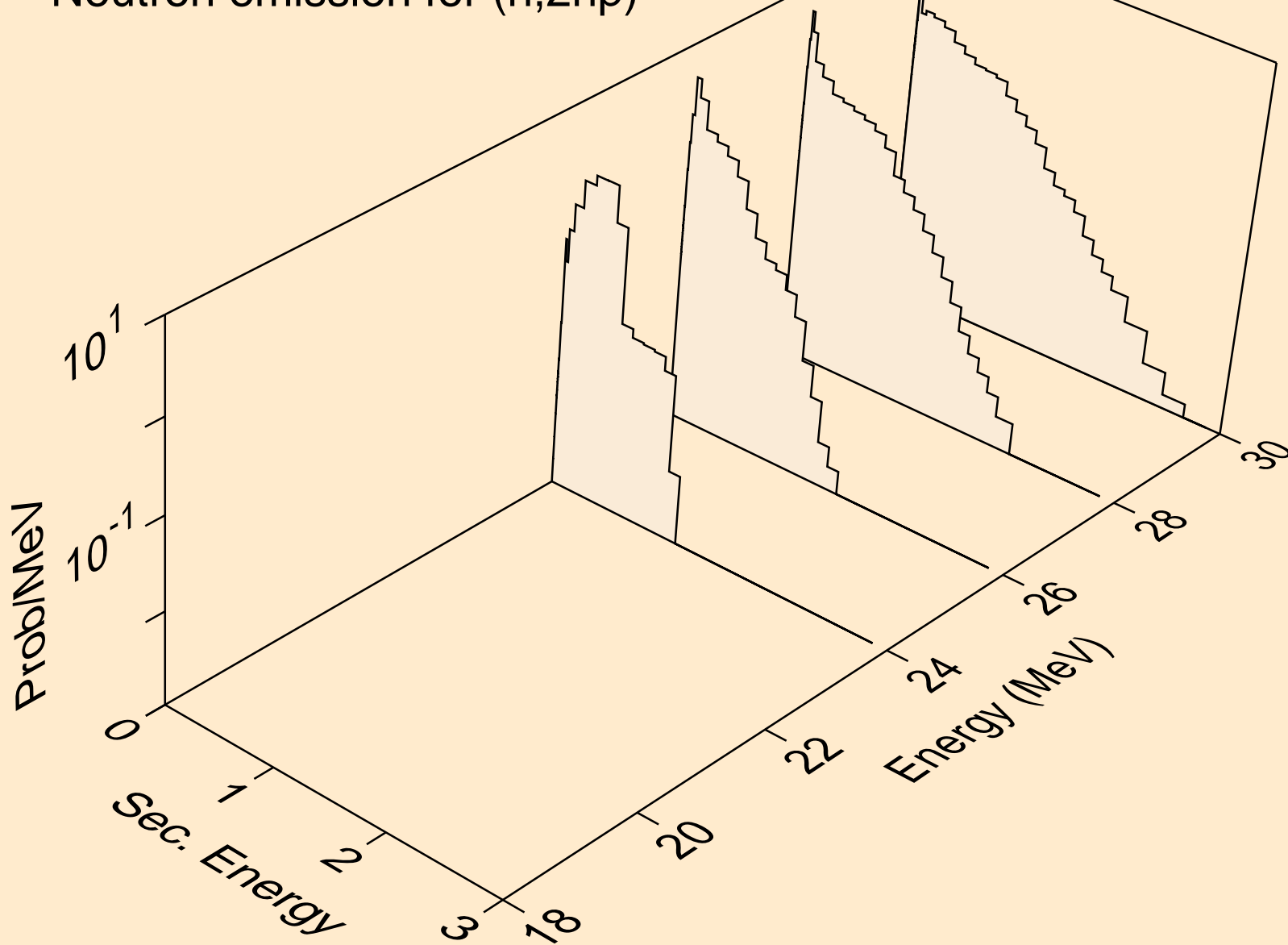
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



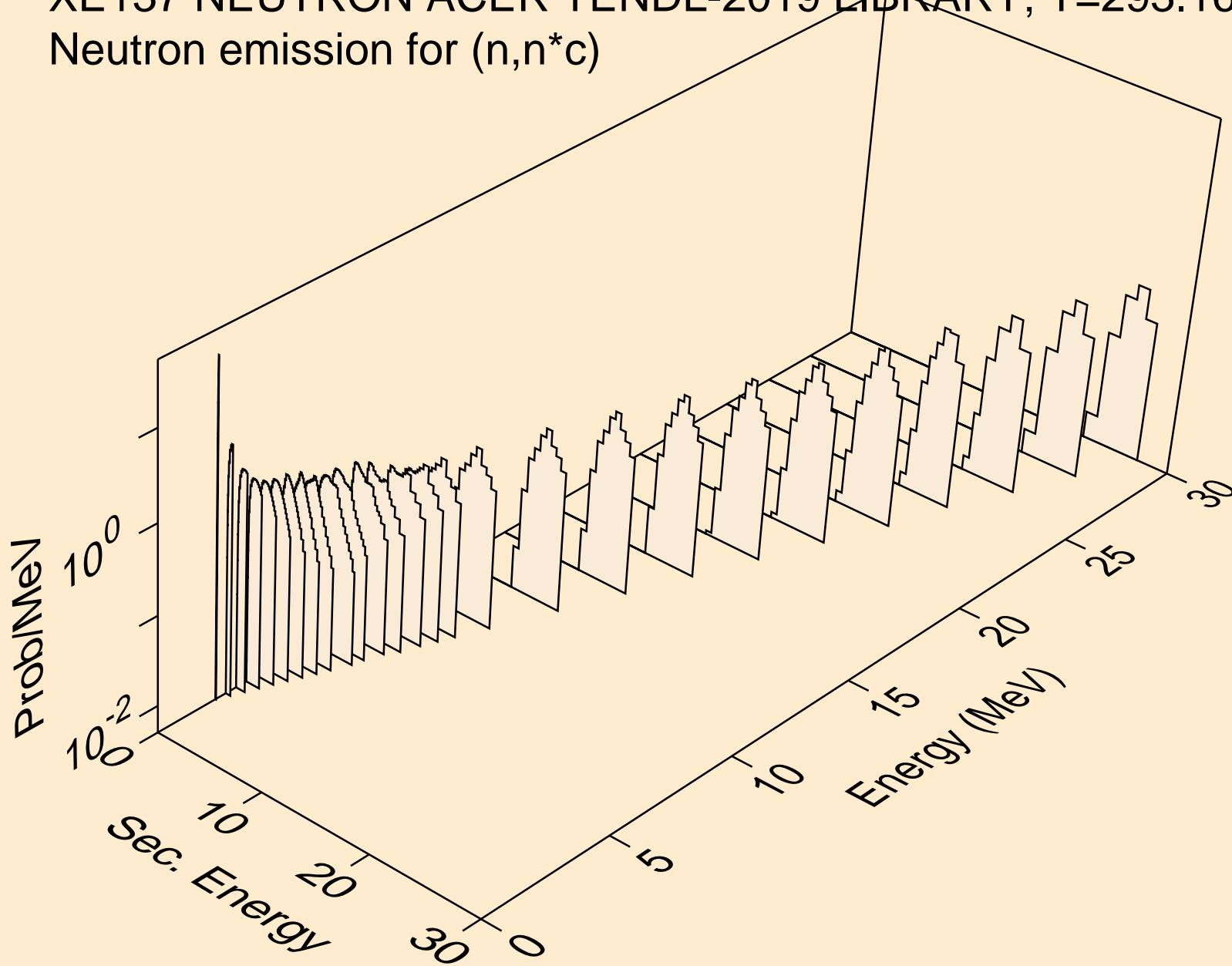
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



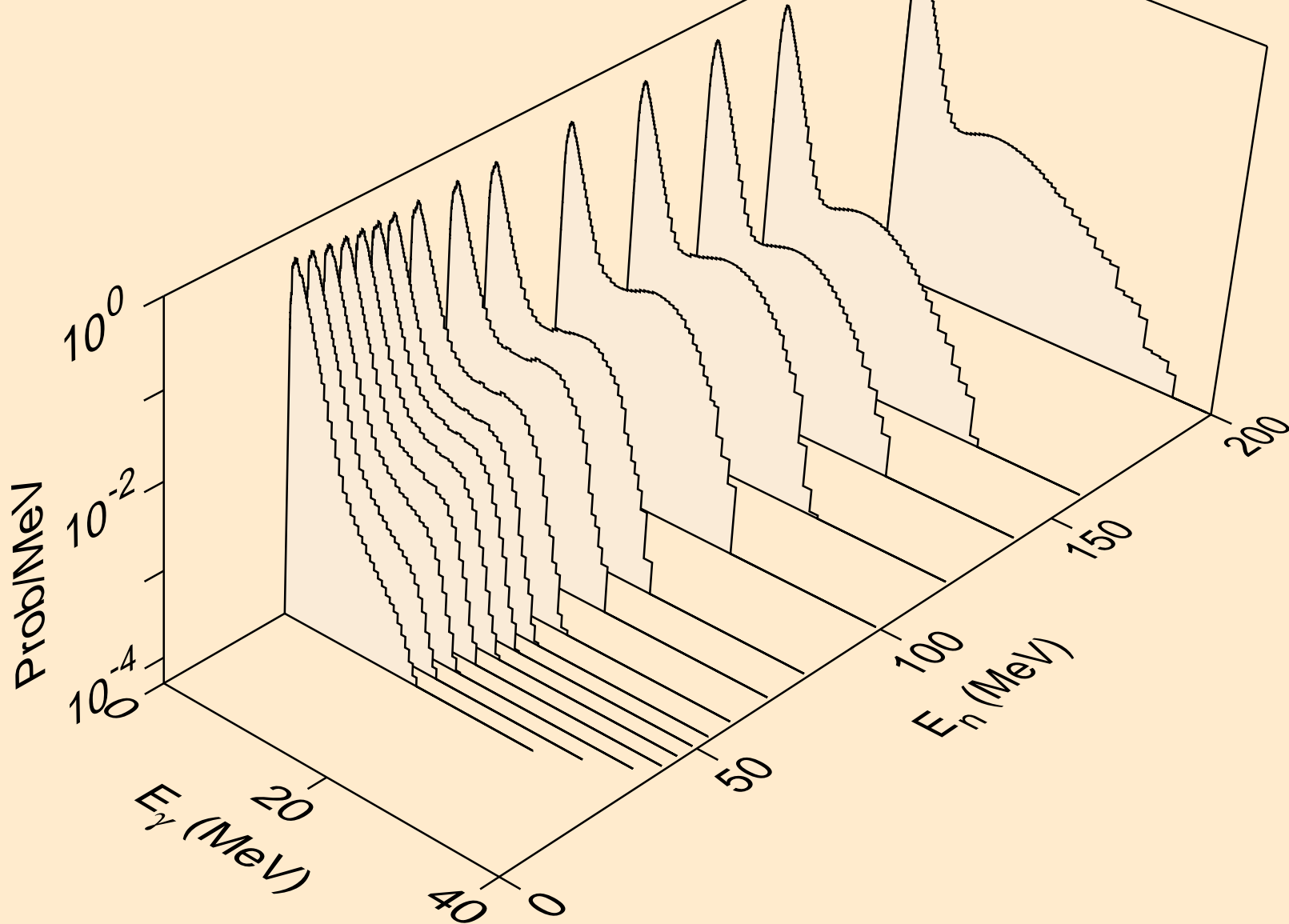
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



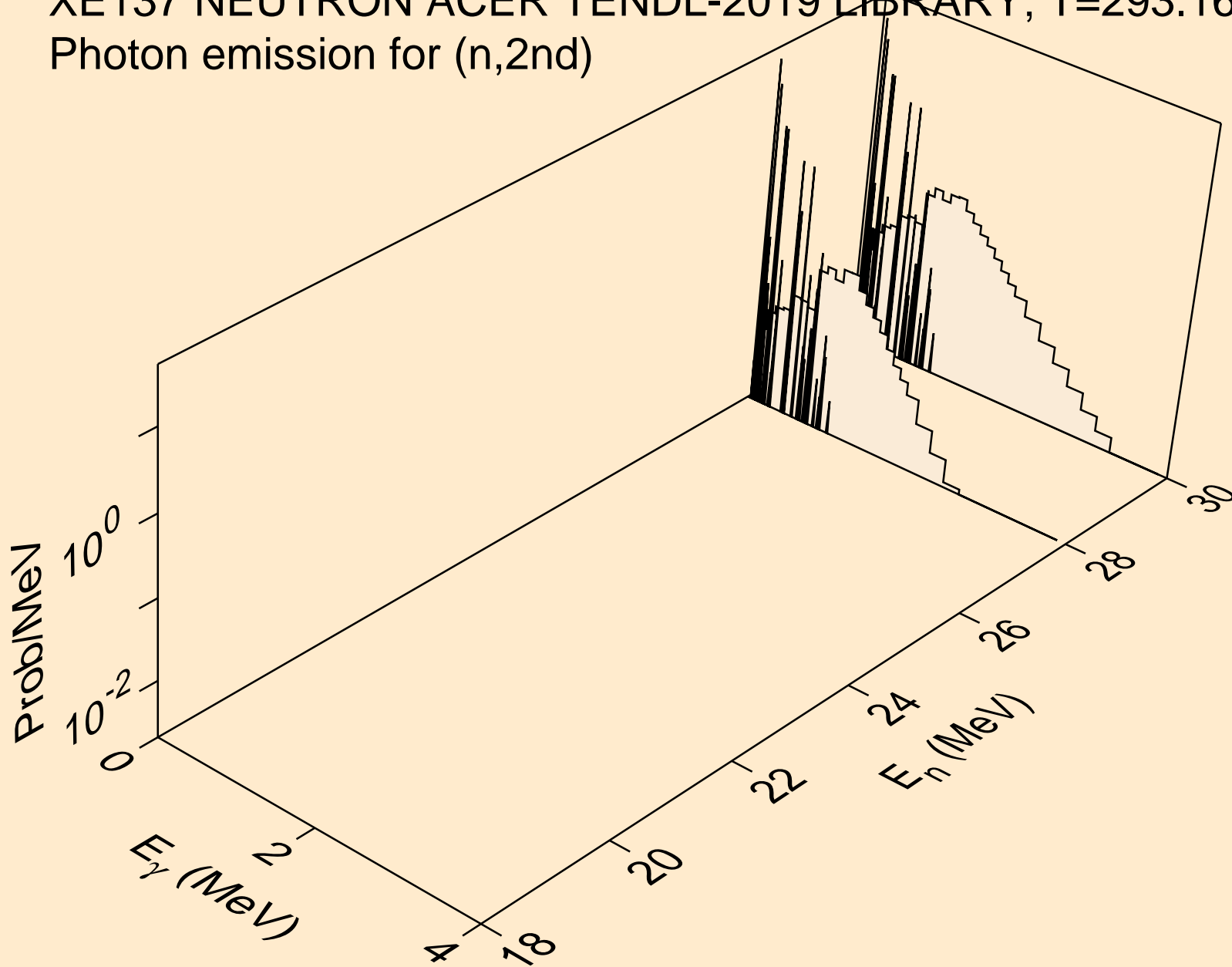
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



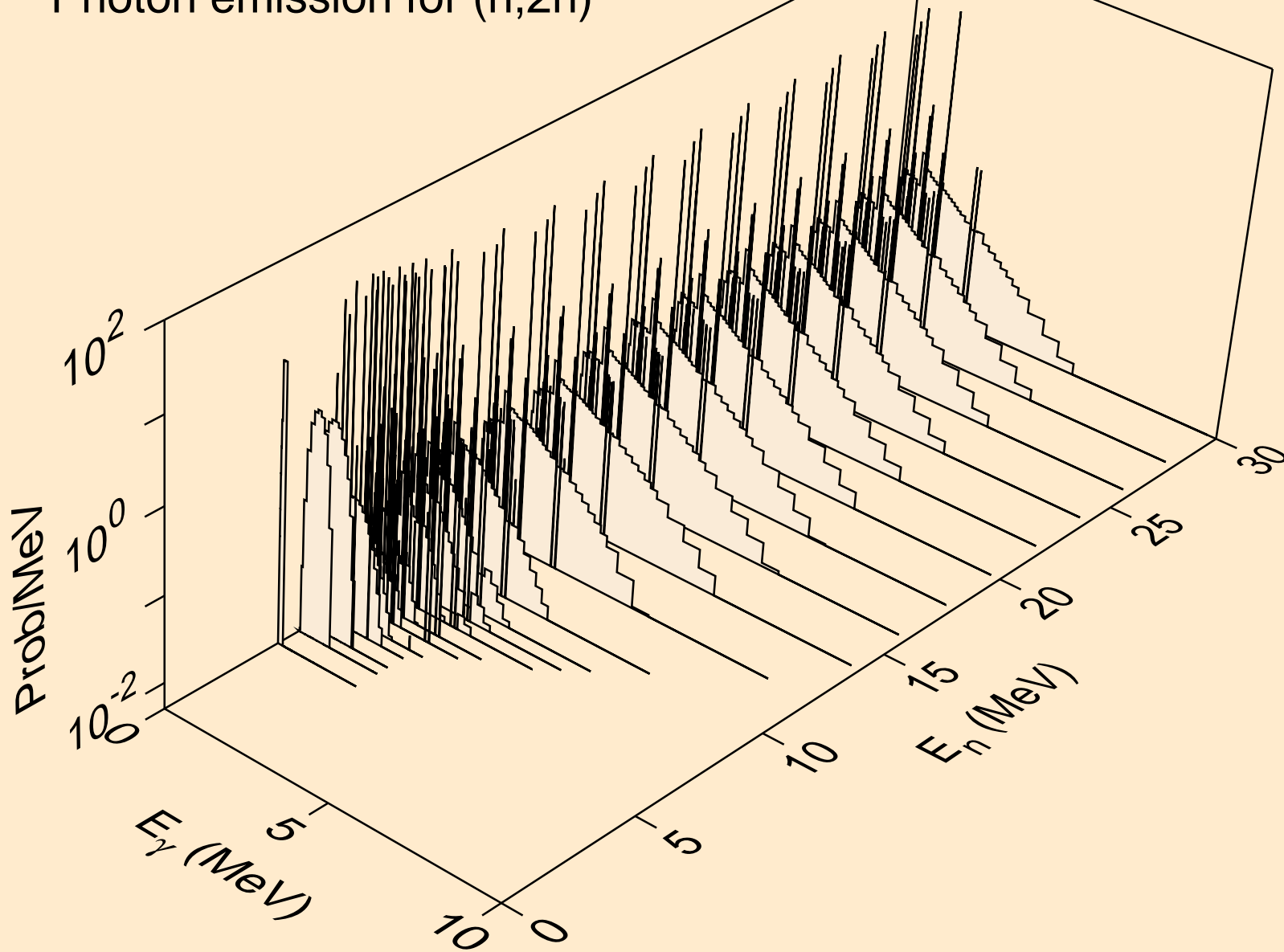
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



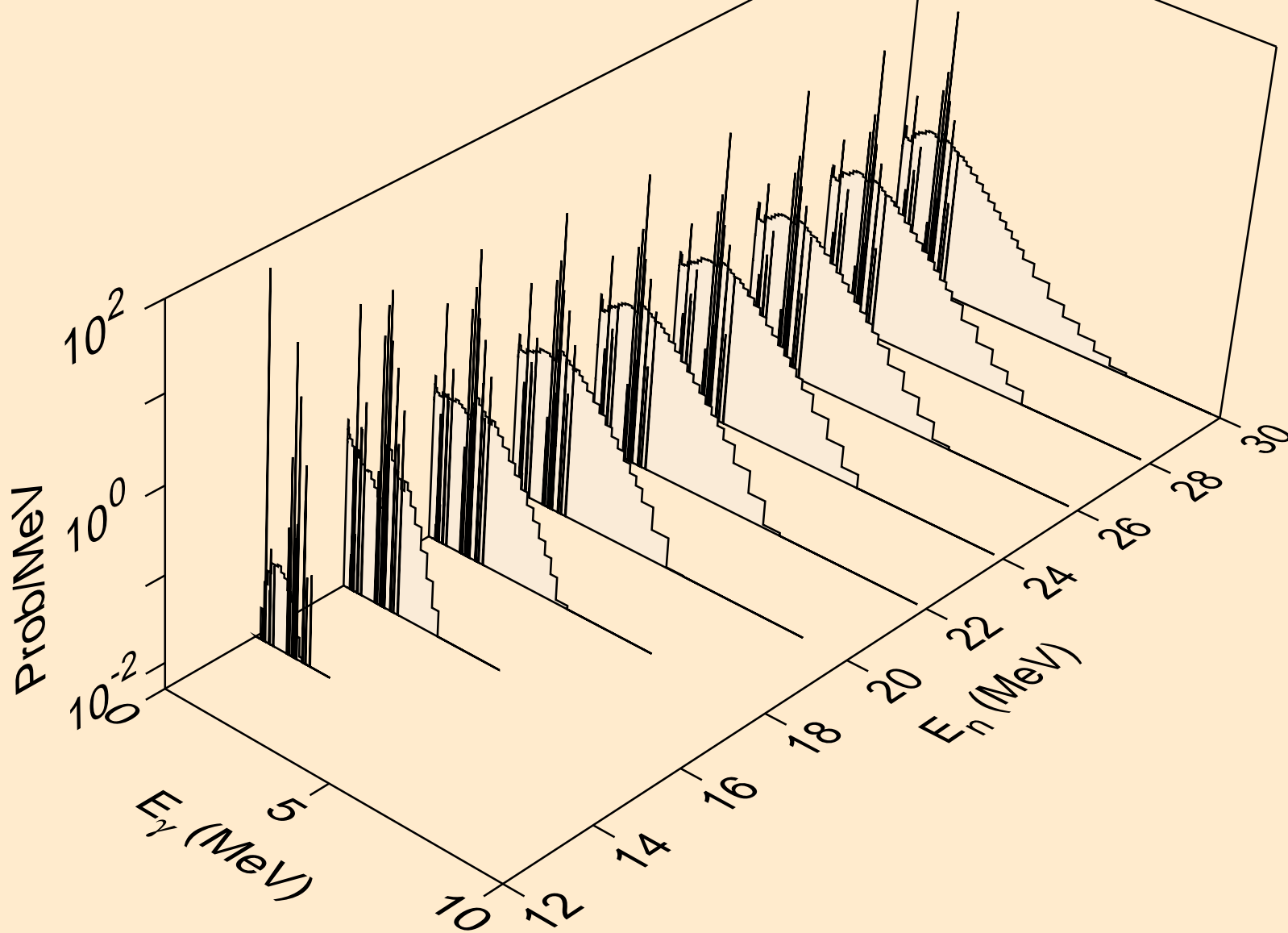
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

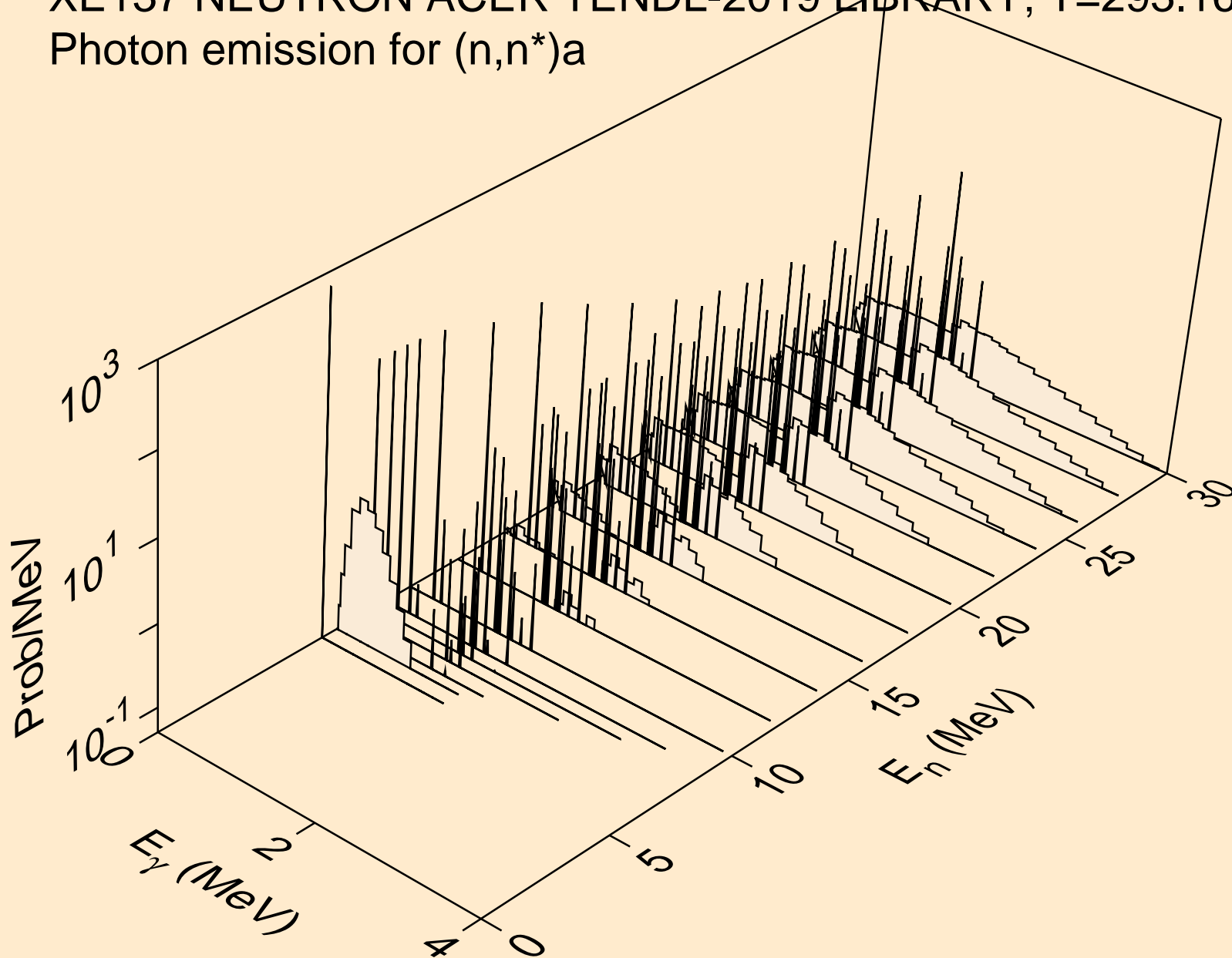


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

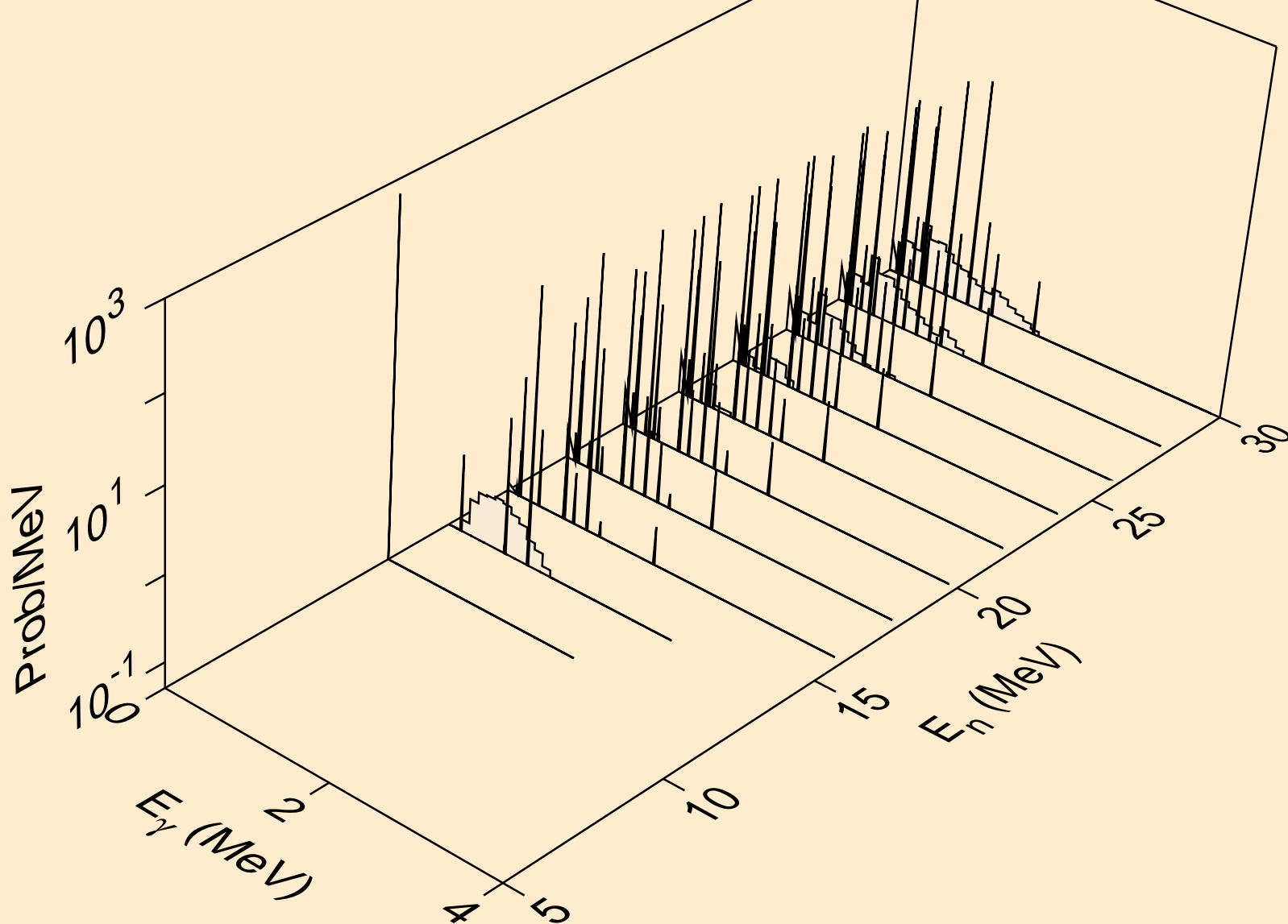




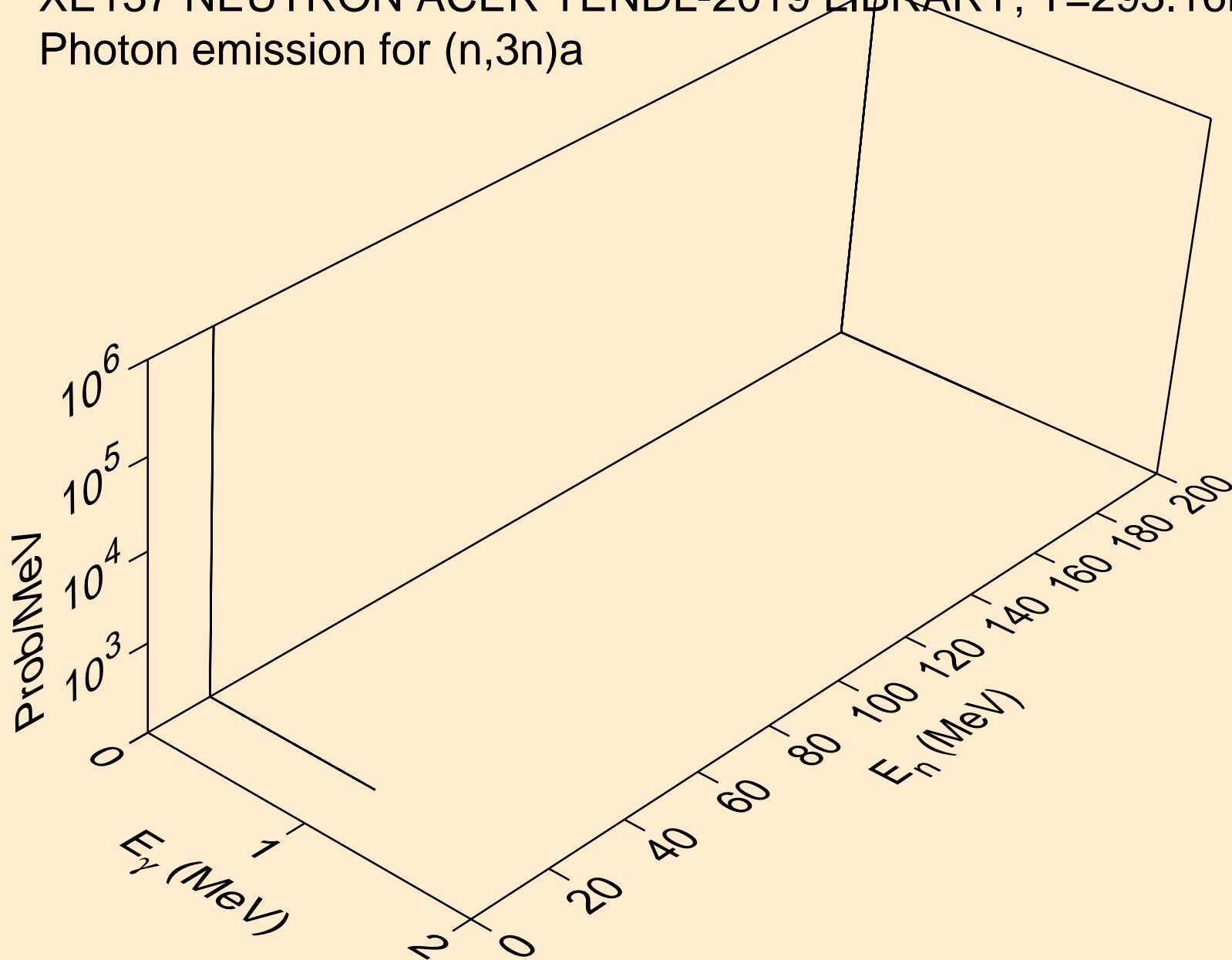
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



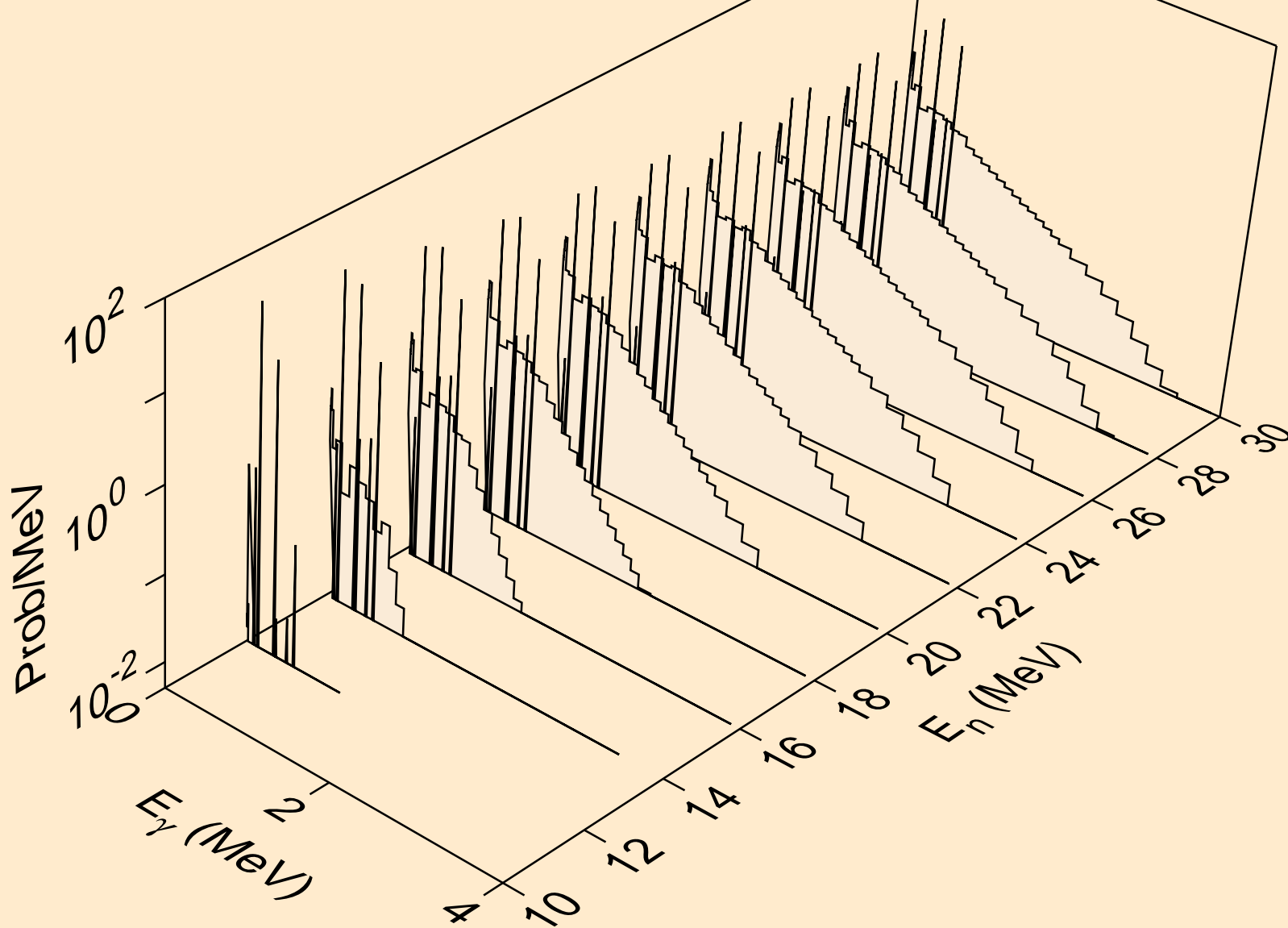
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



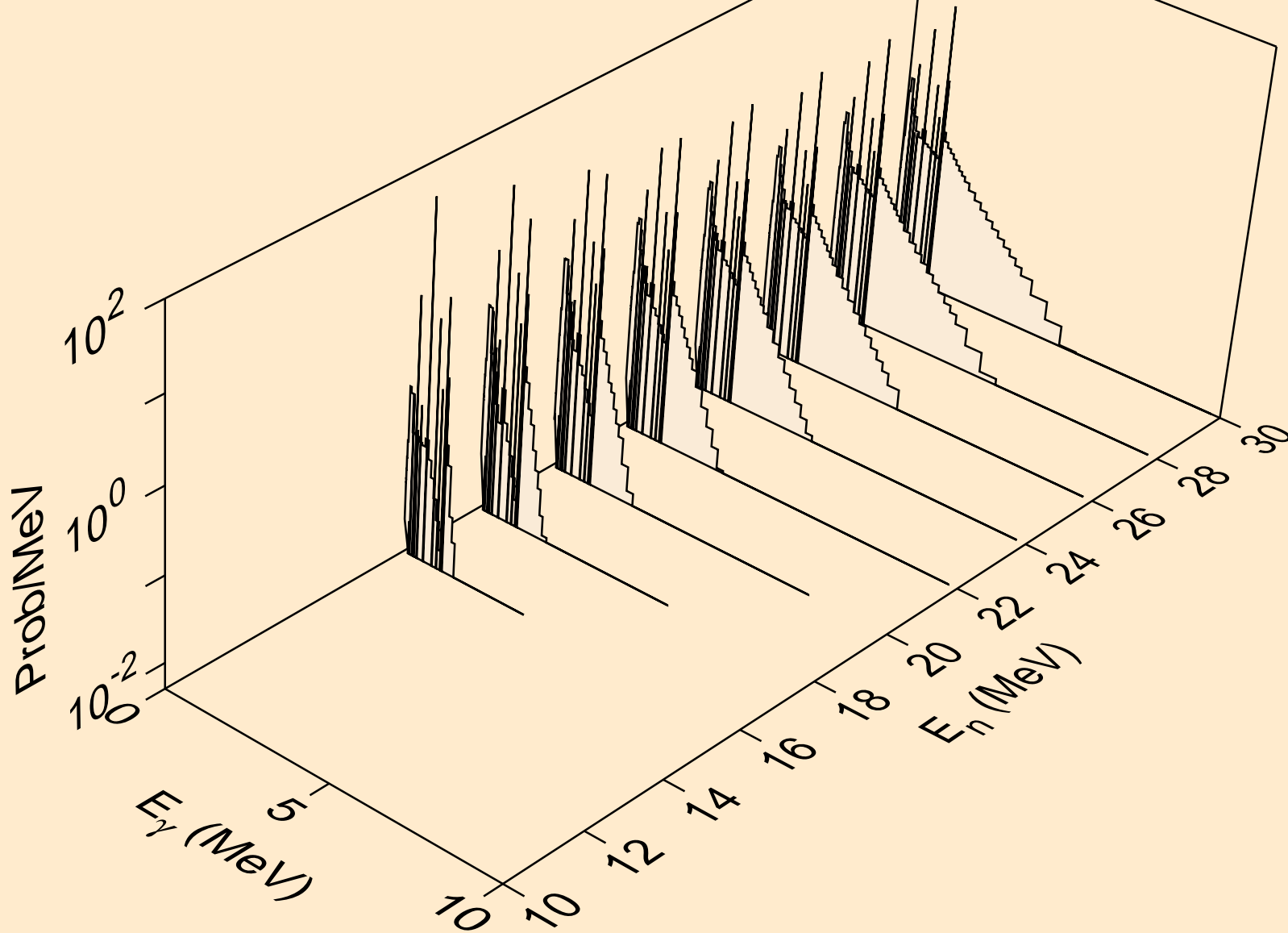
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



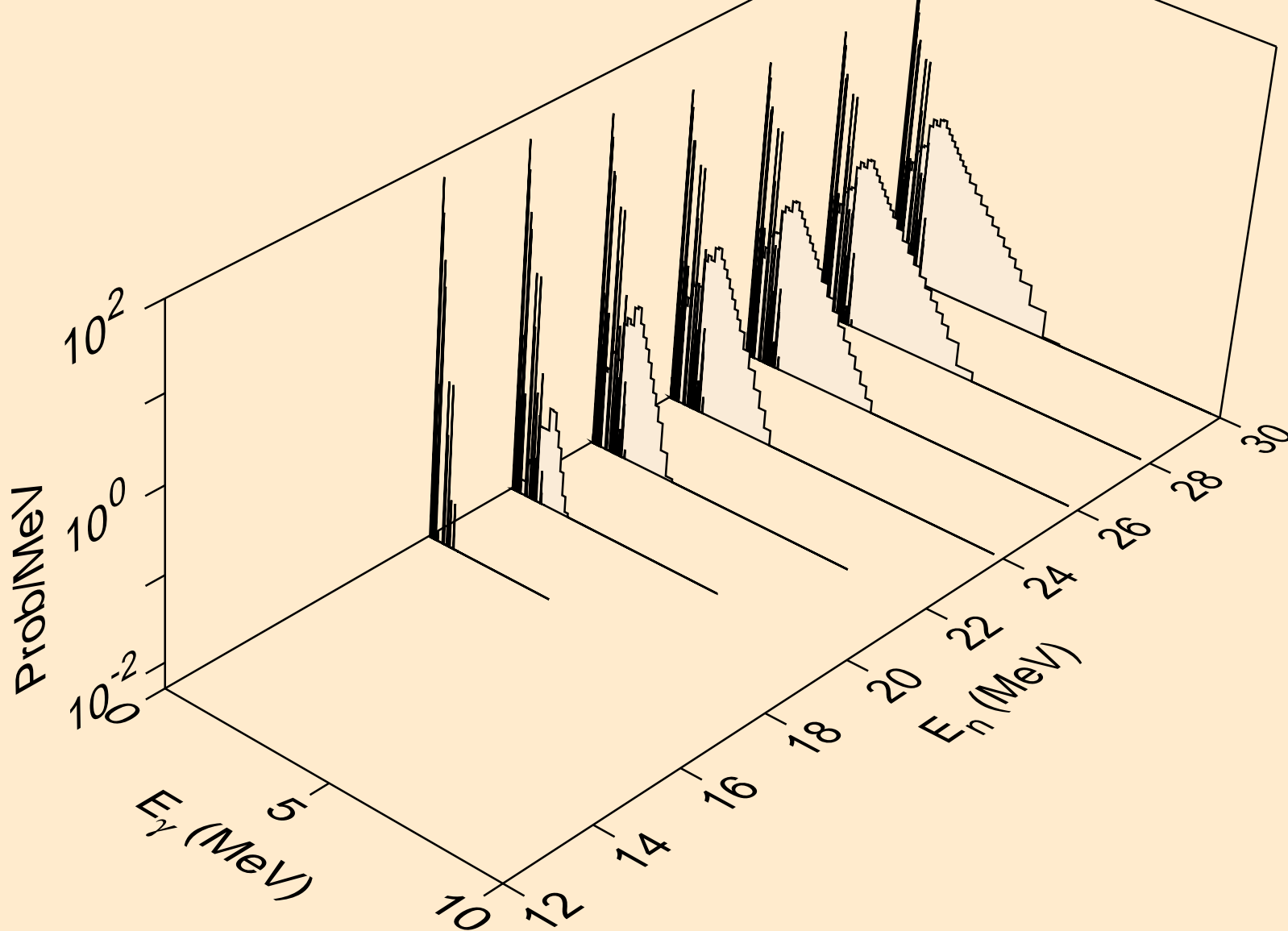
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



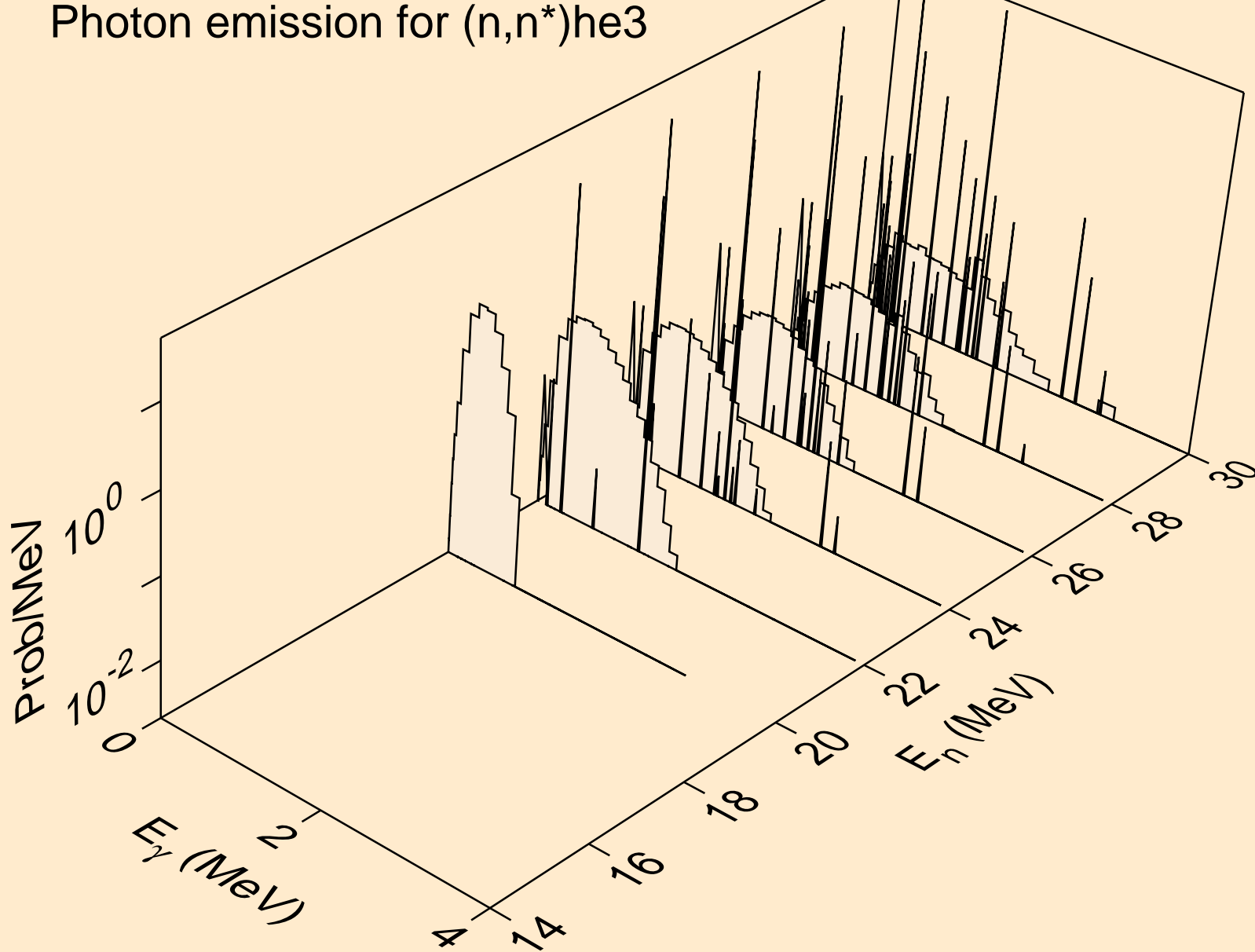
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



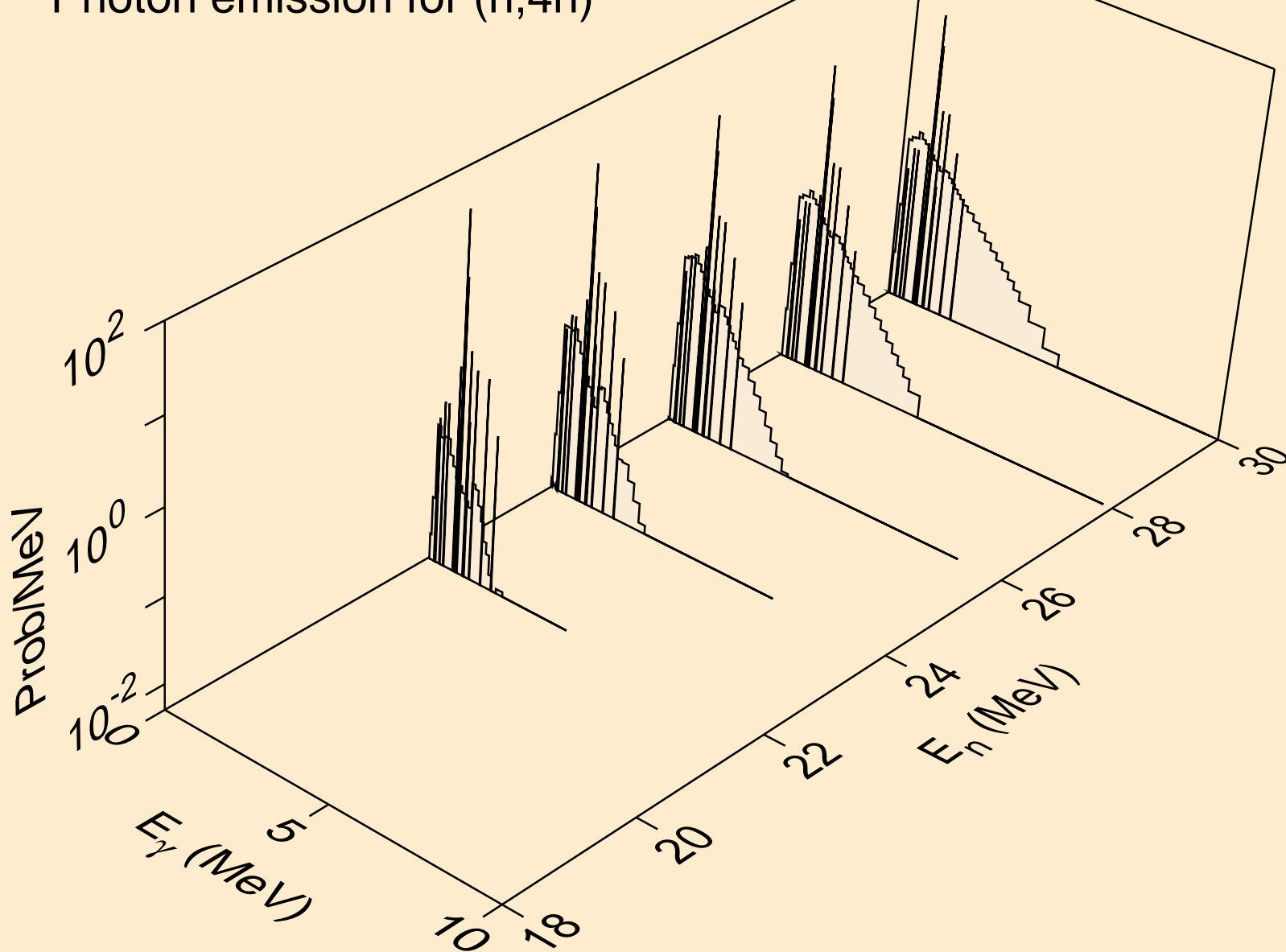
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

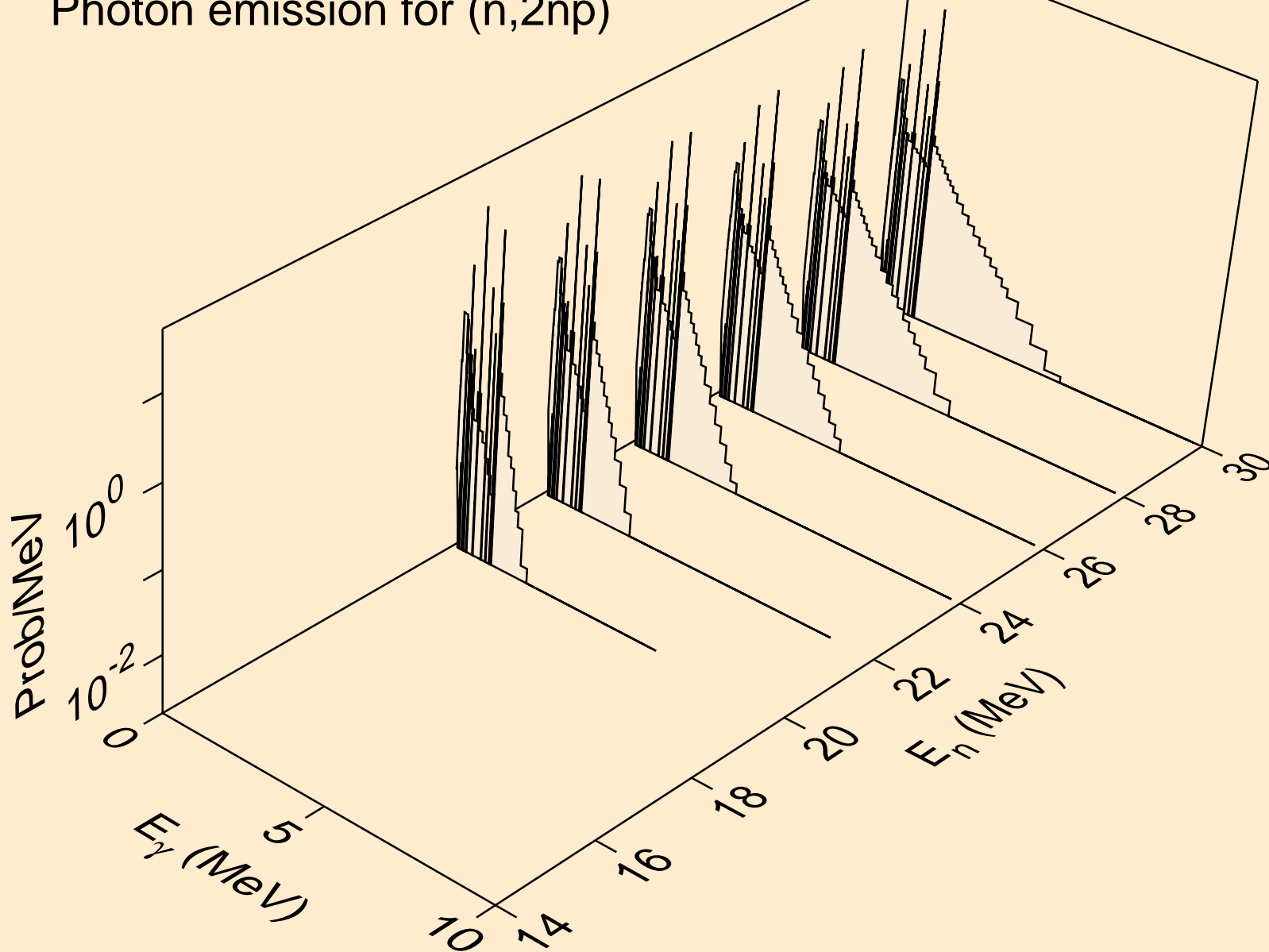


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)

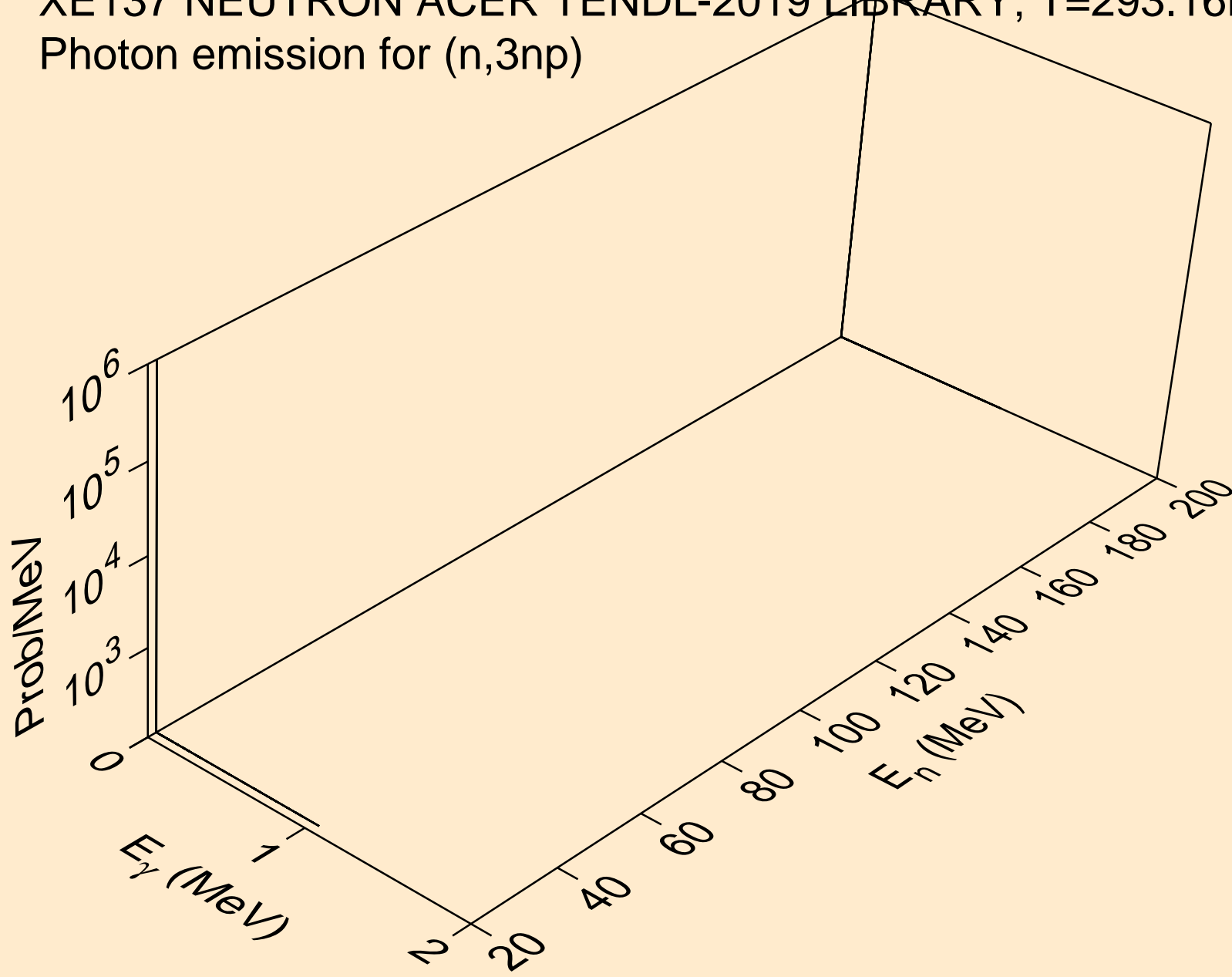




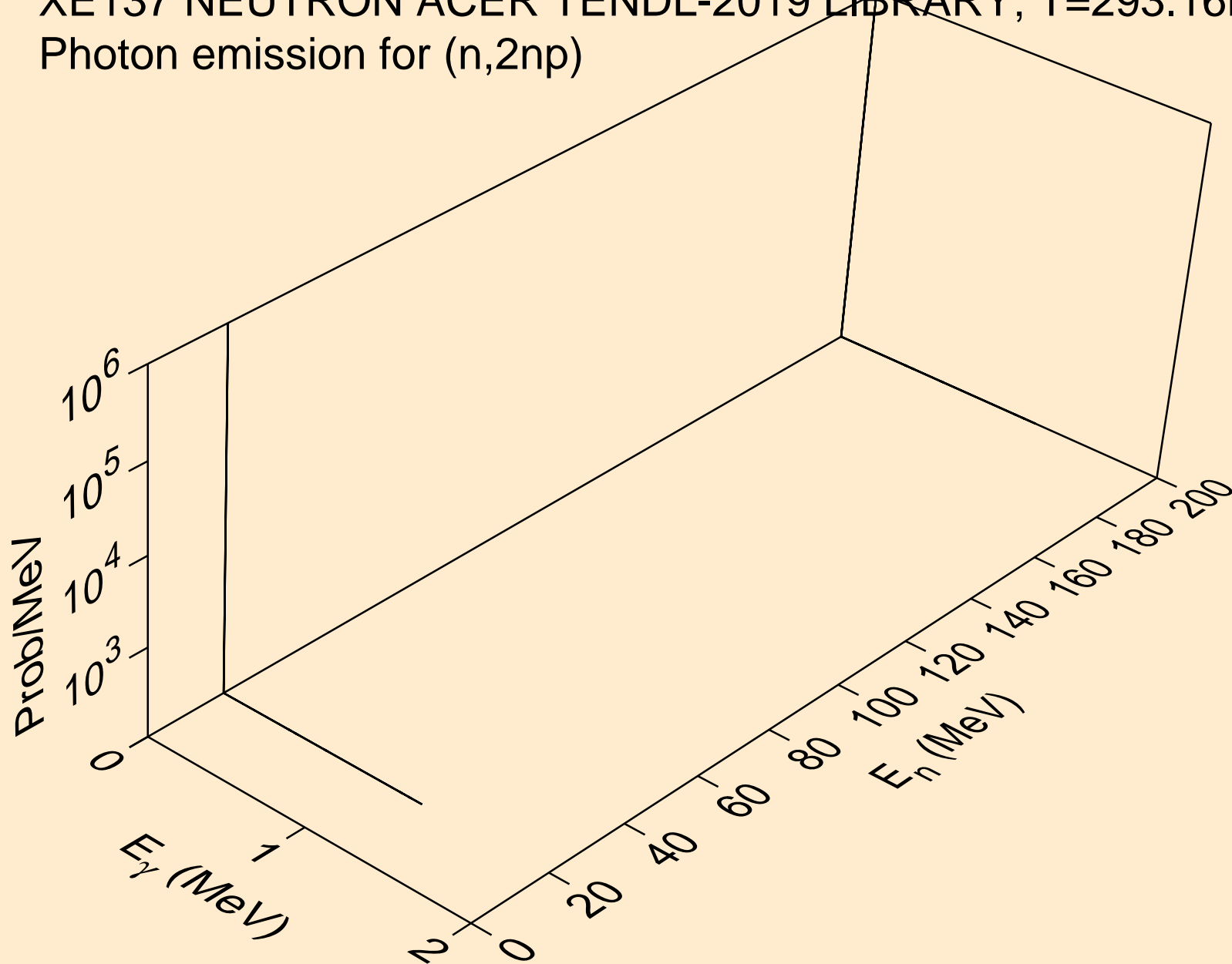
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



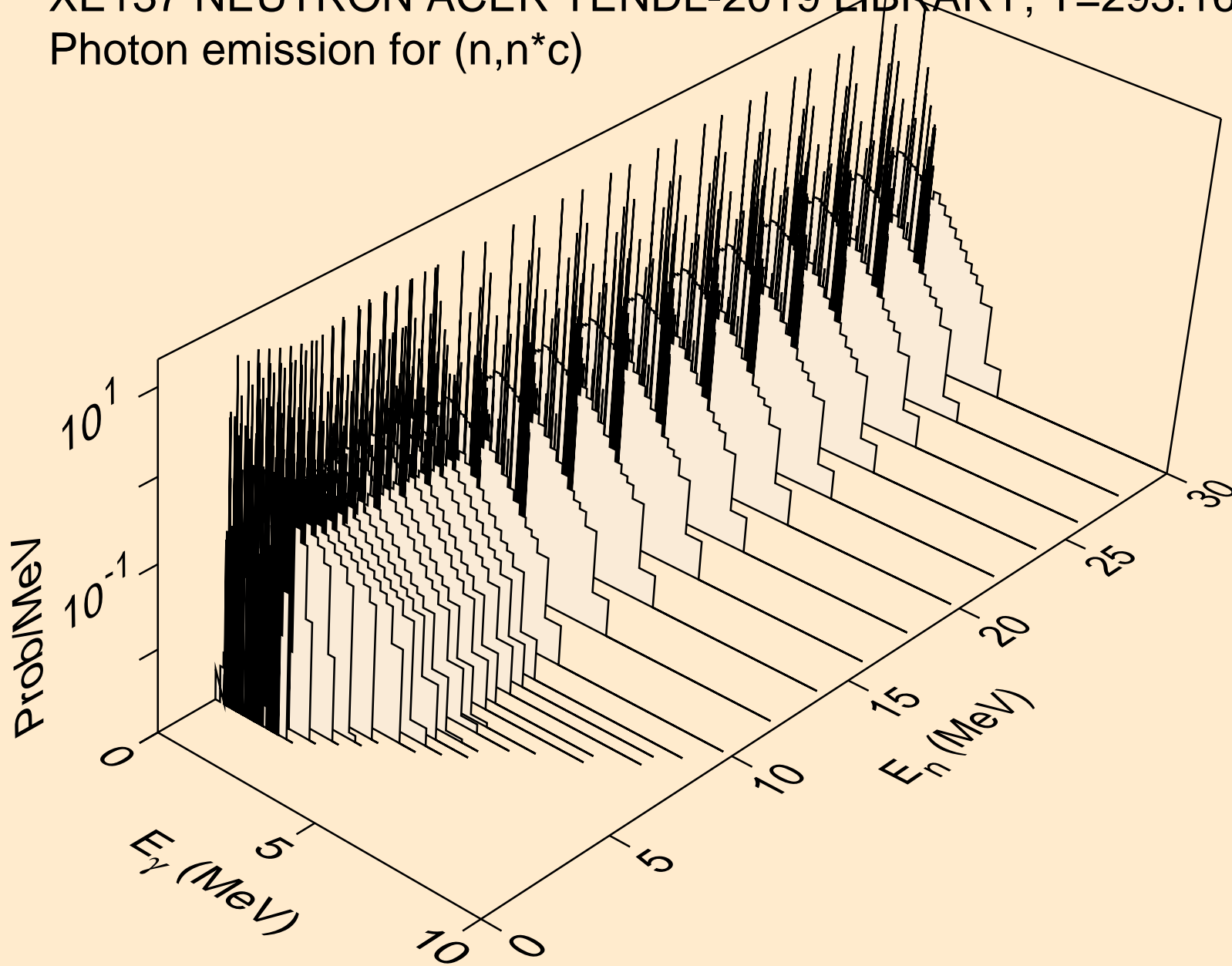
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



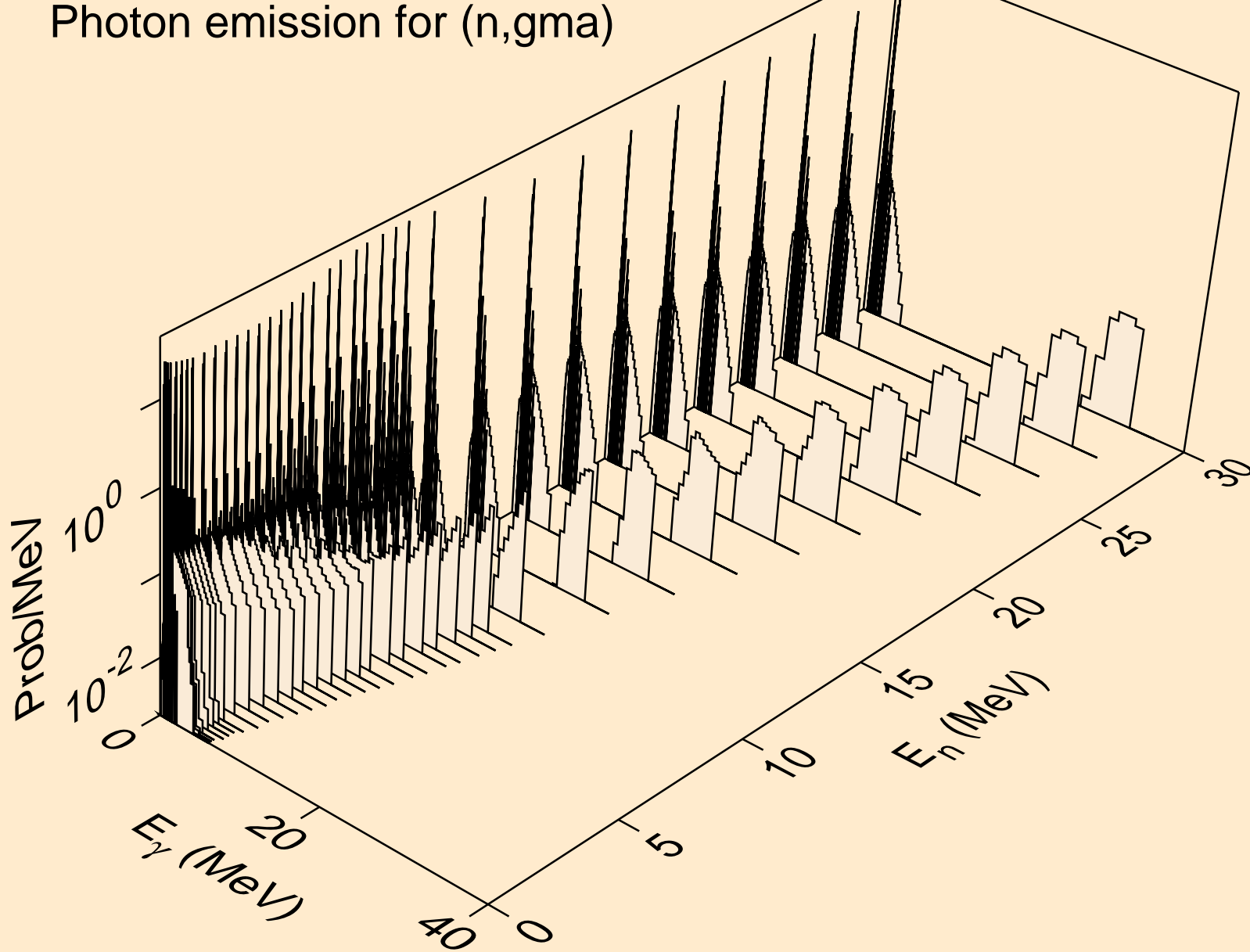
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



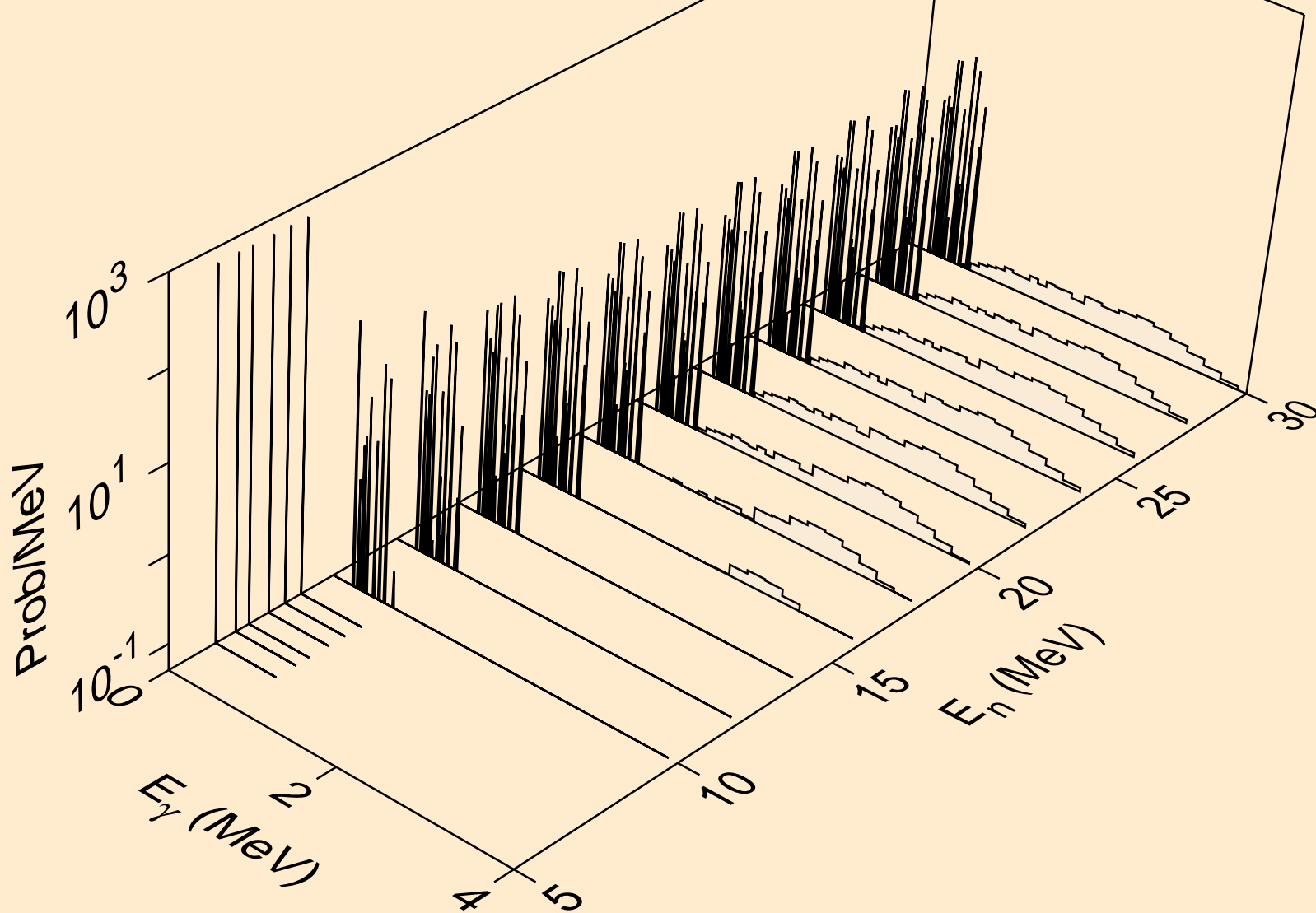
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



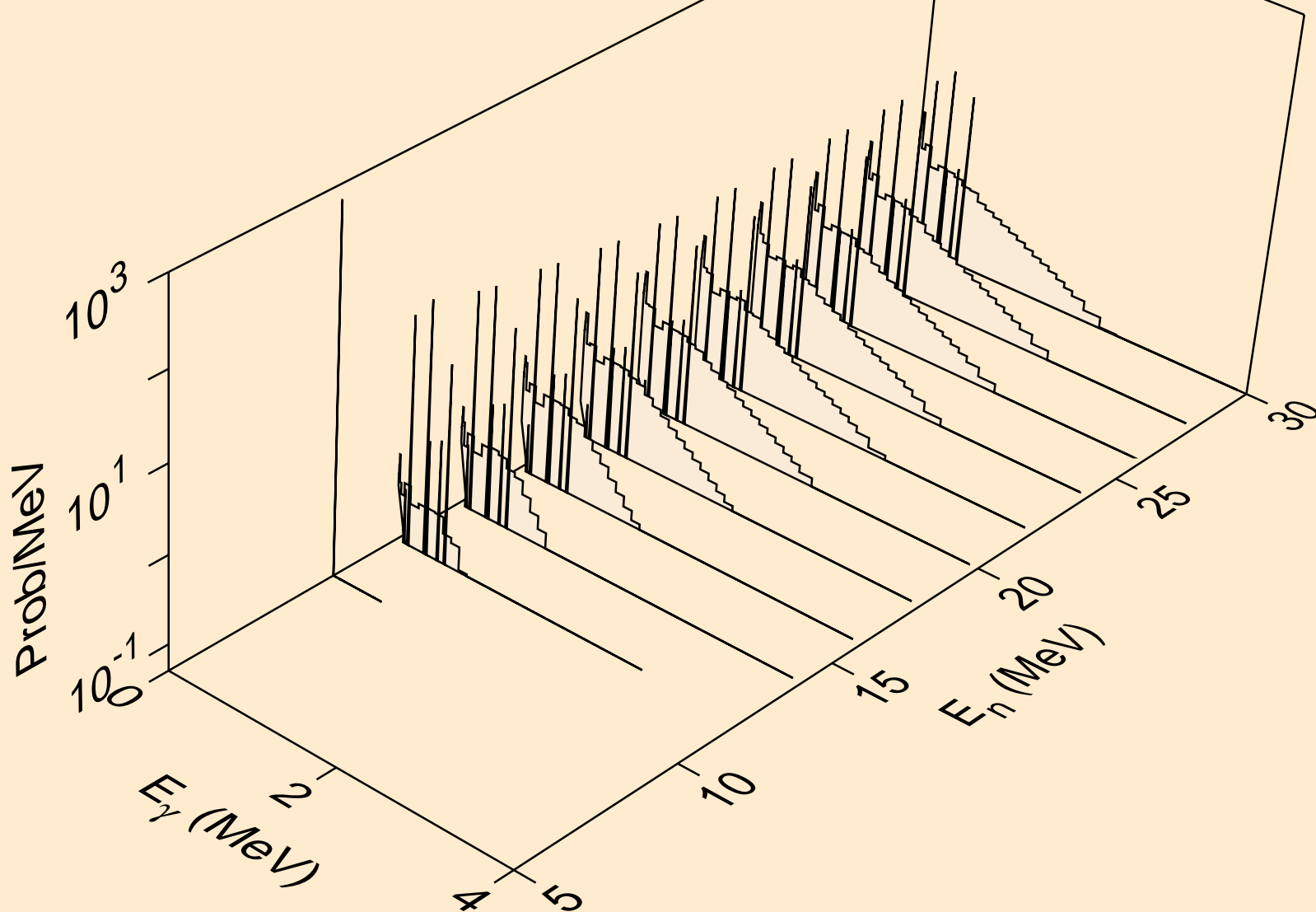
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



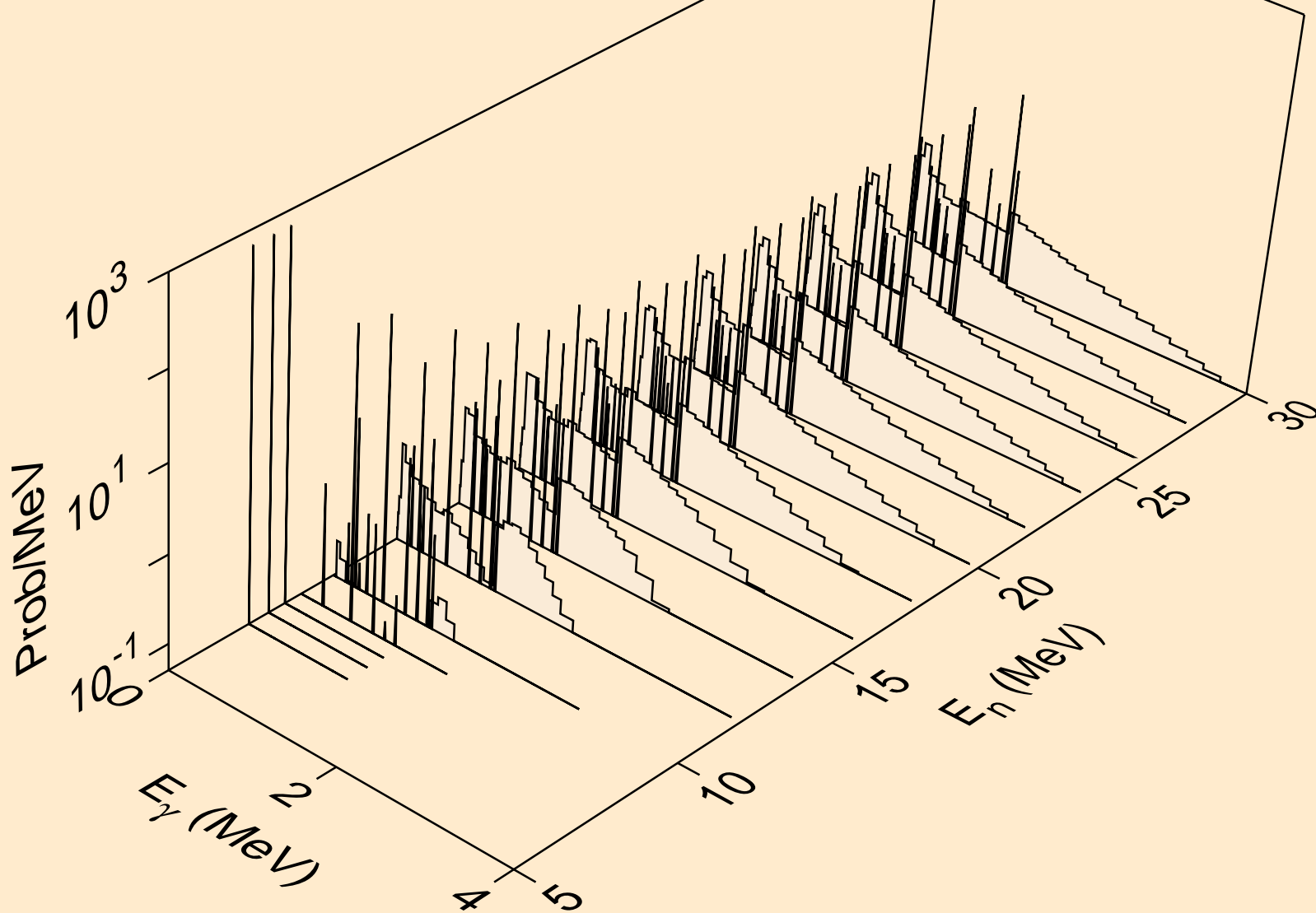
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

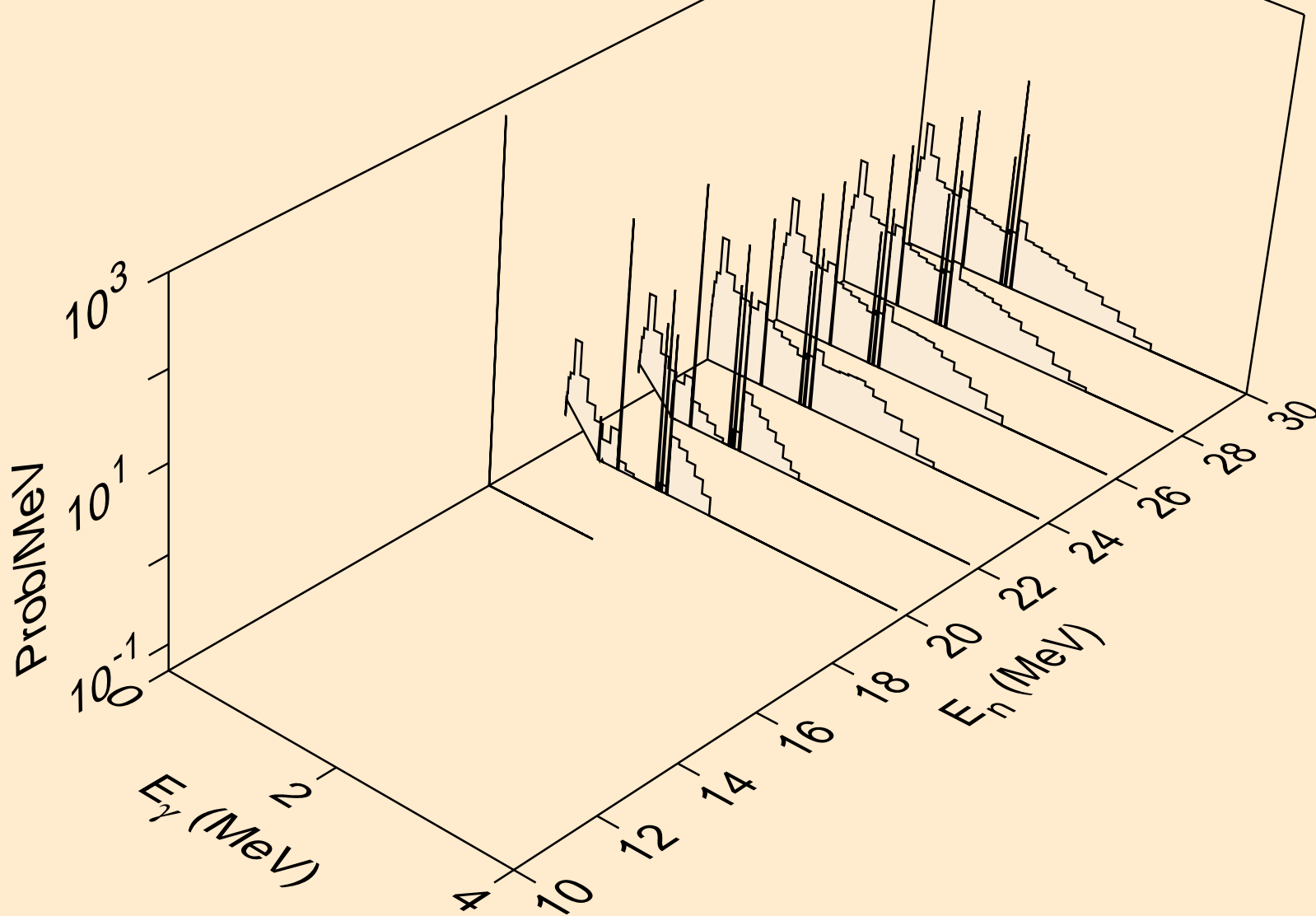


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

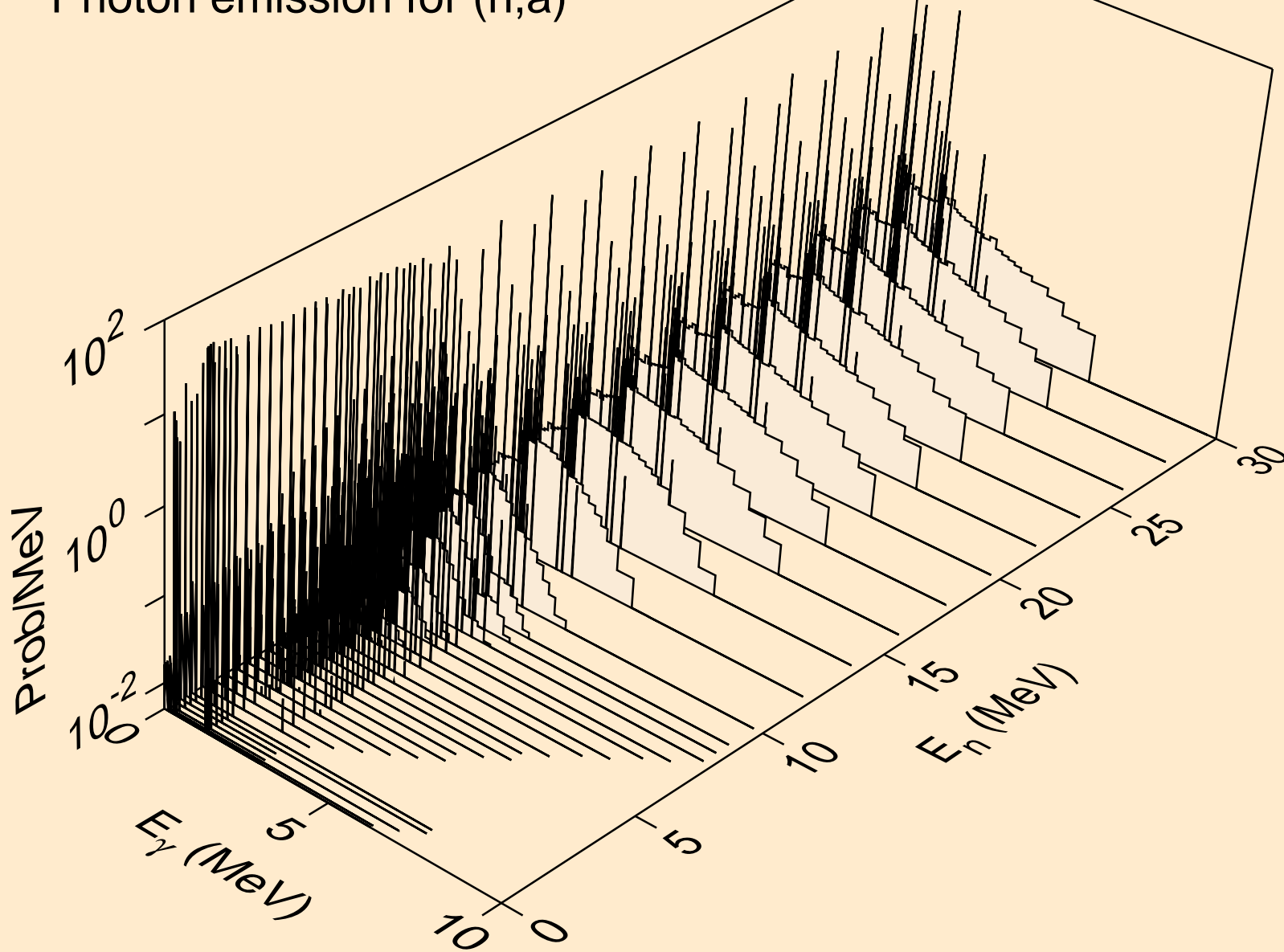




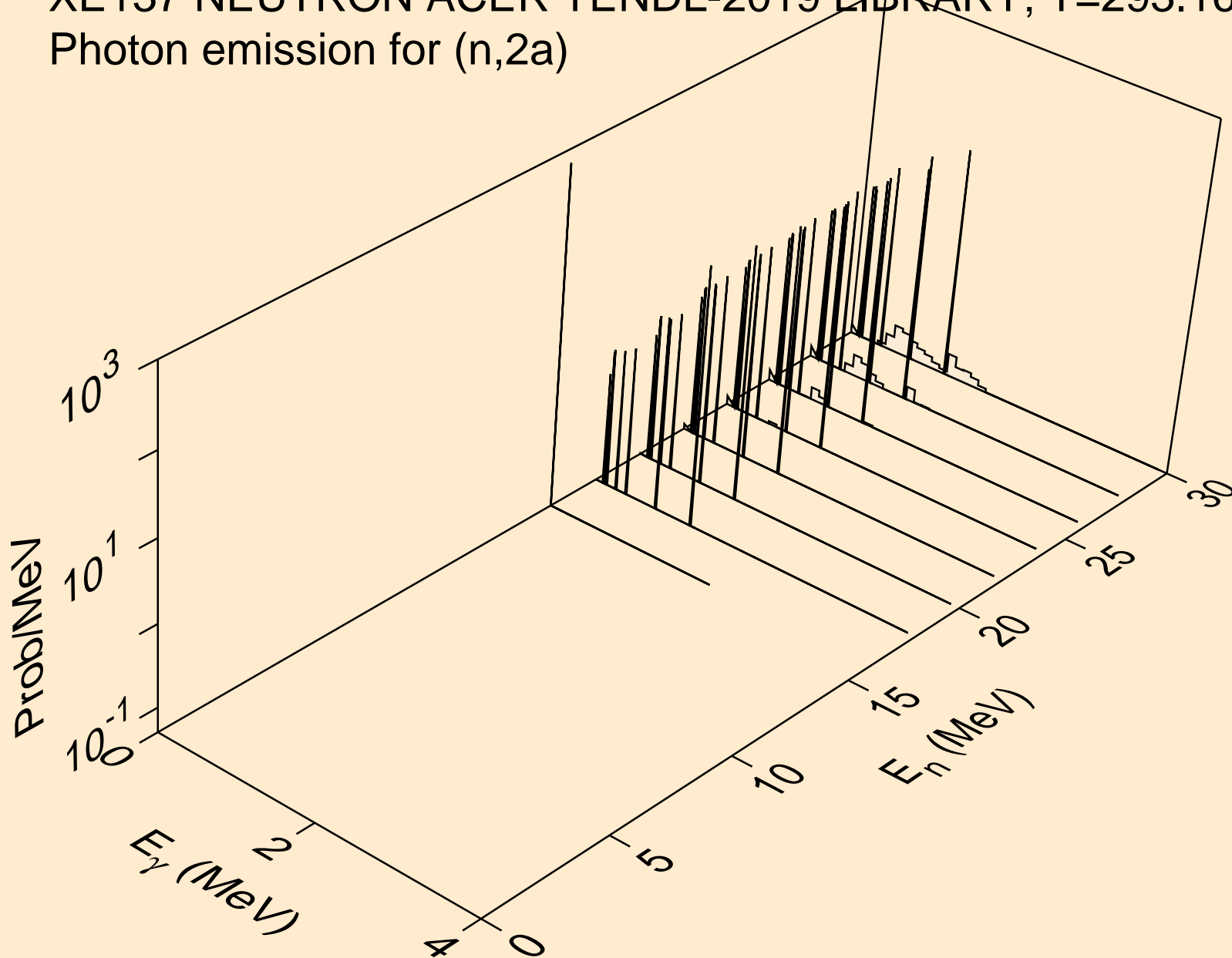
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



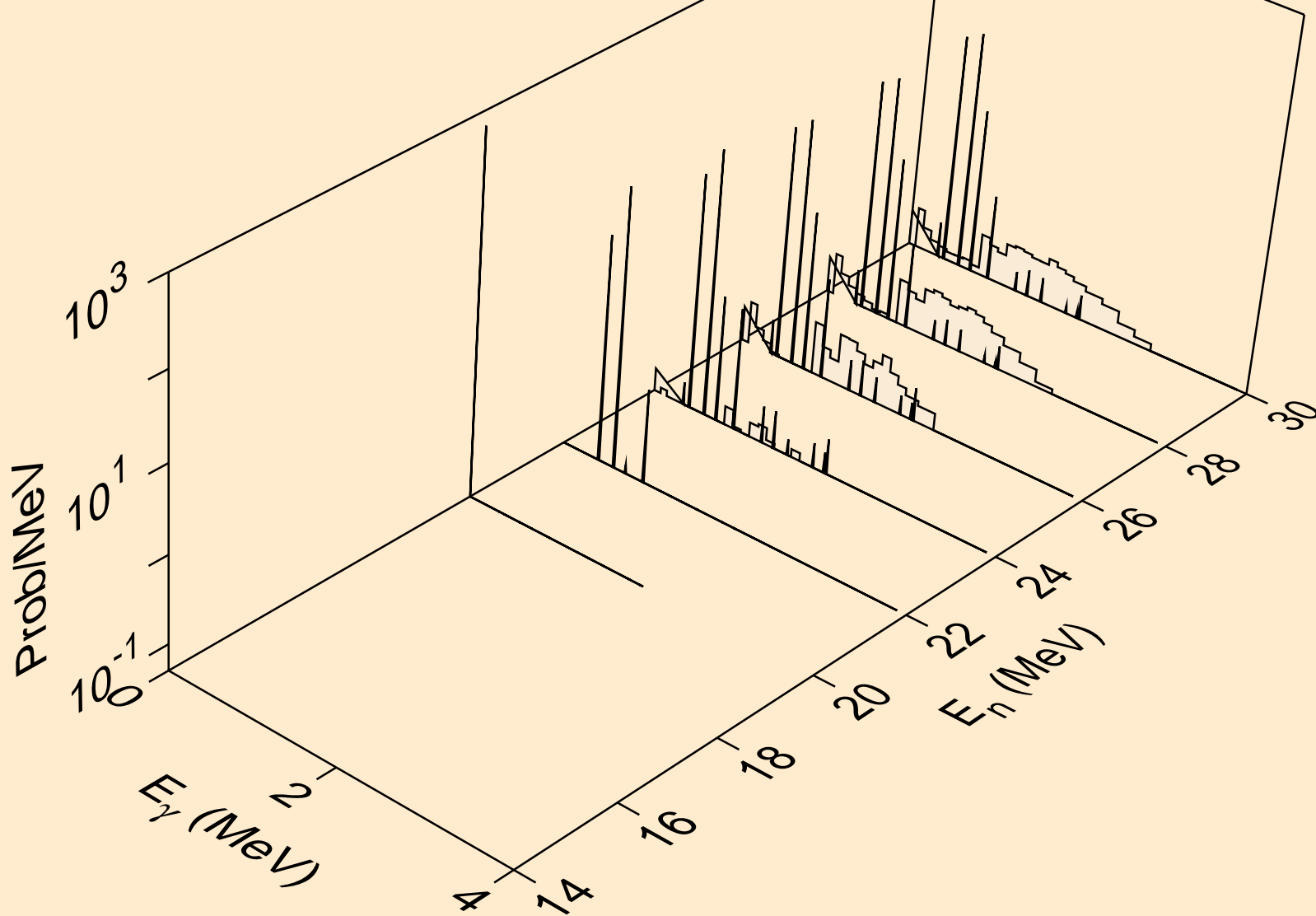
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



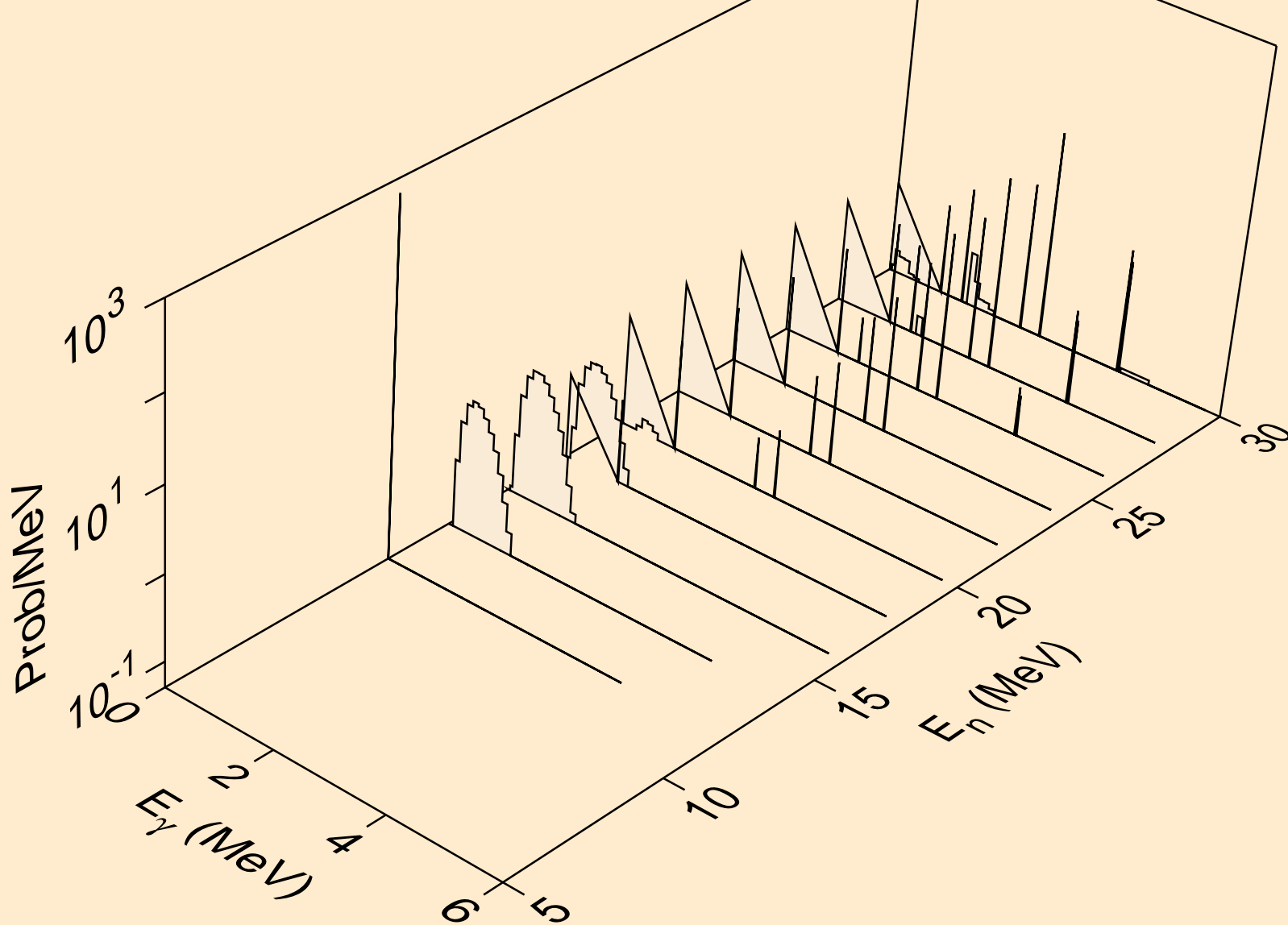
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



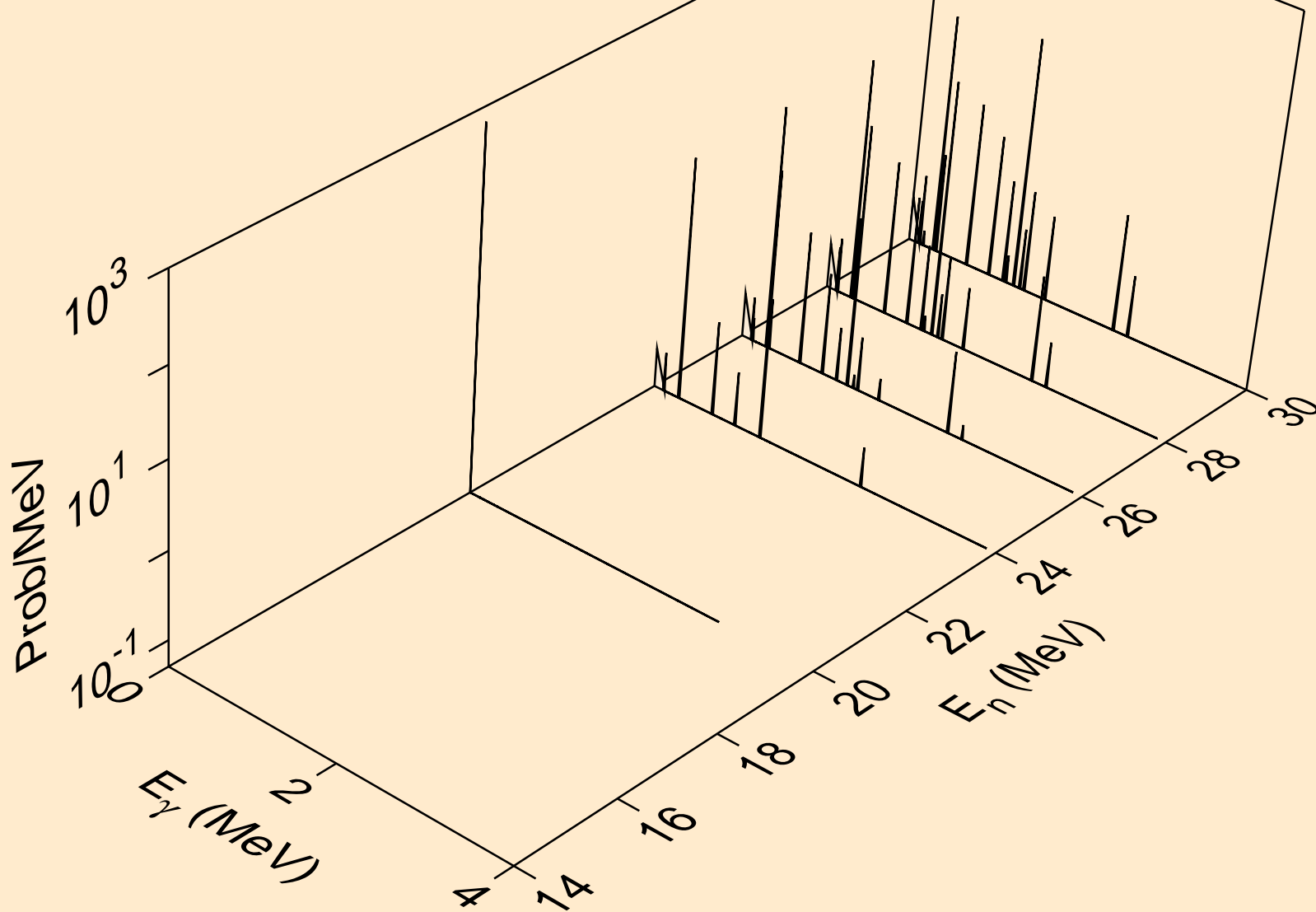
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



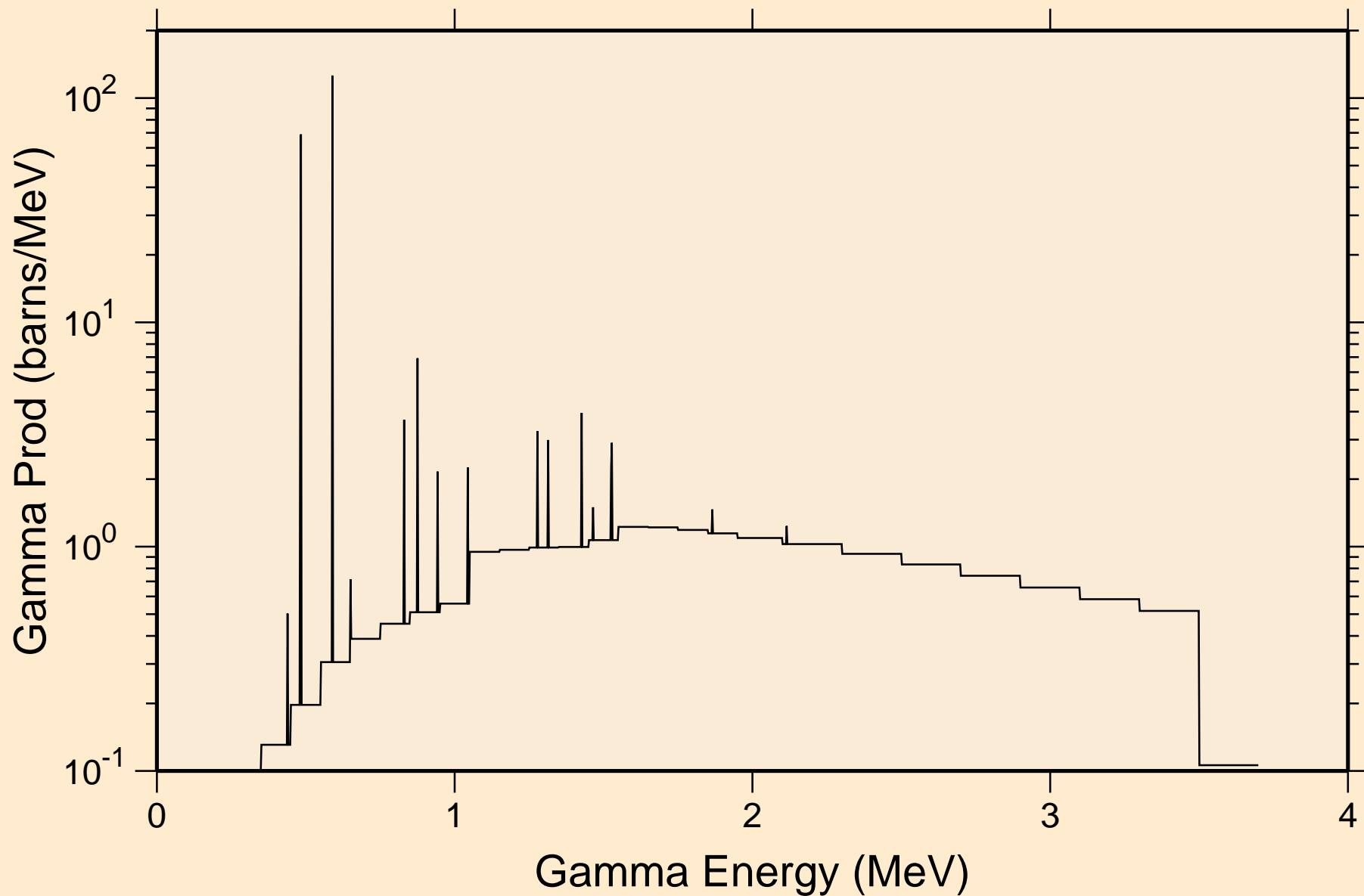
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



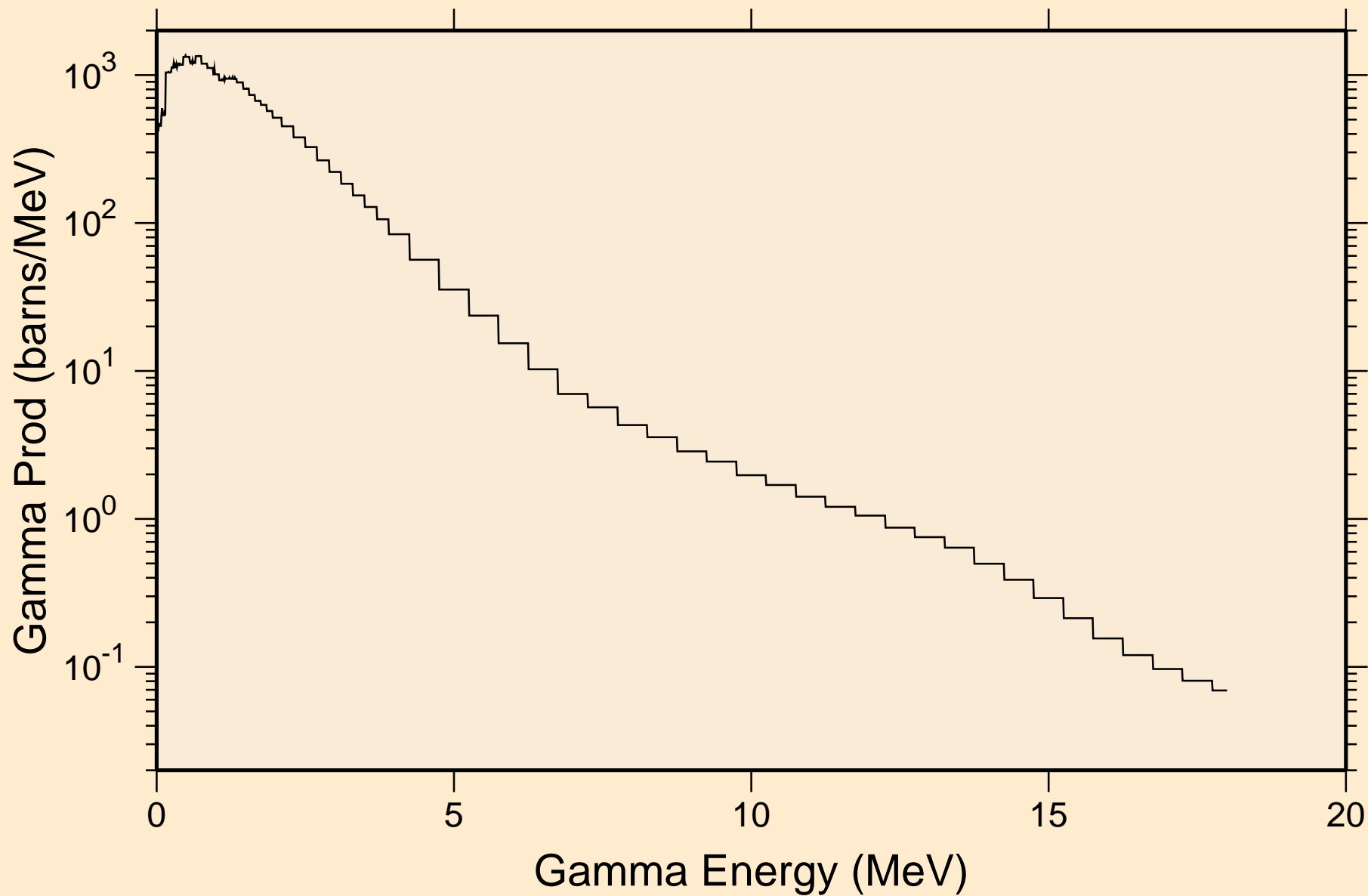
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



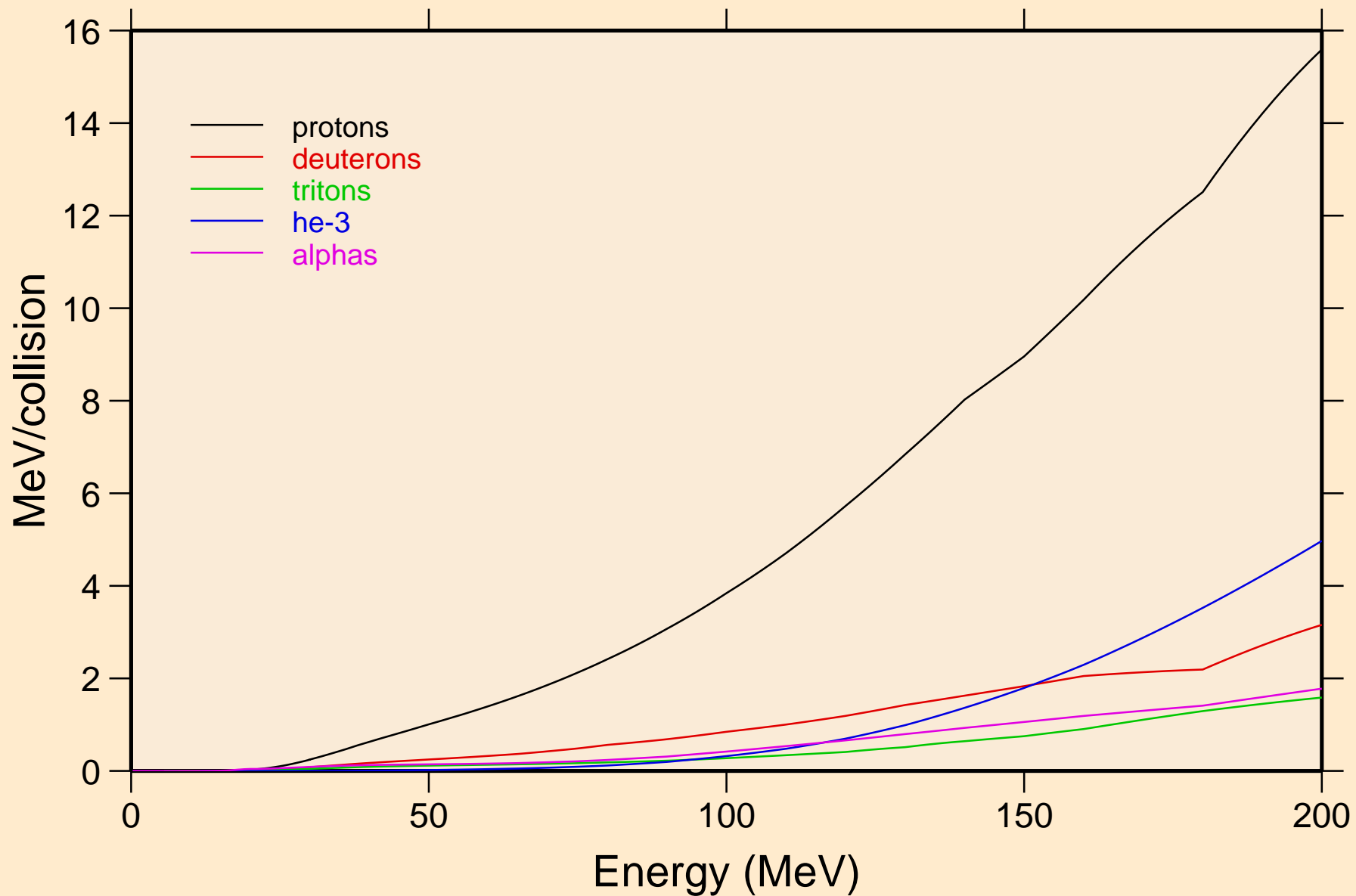
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



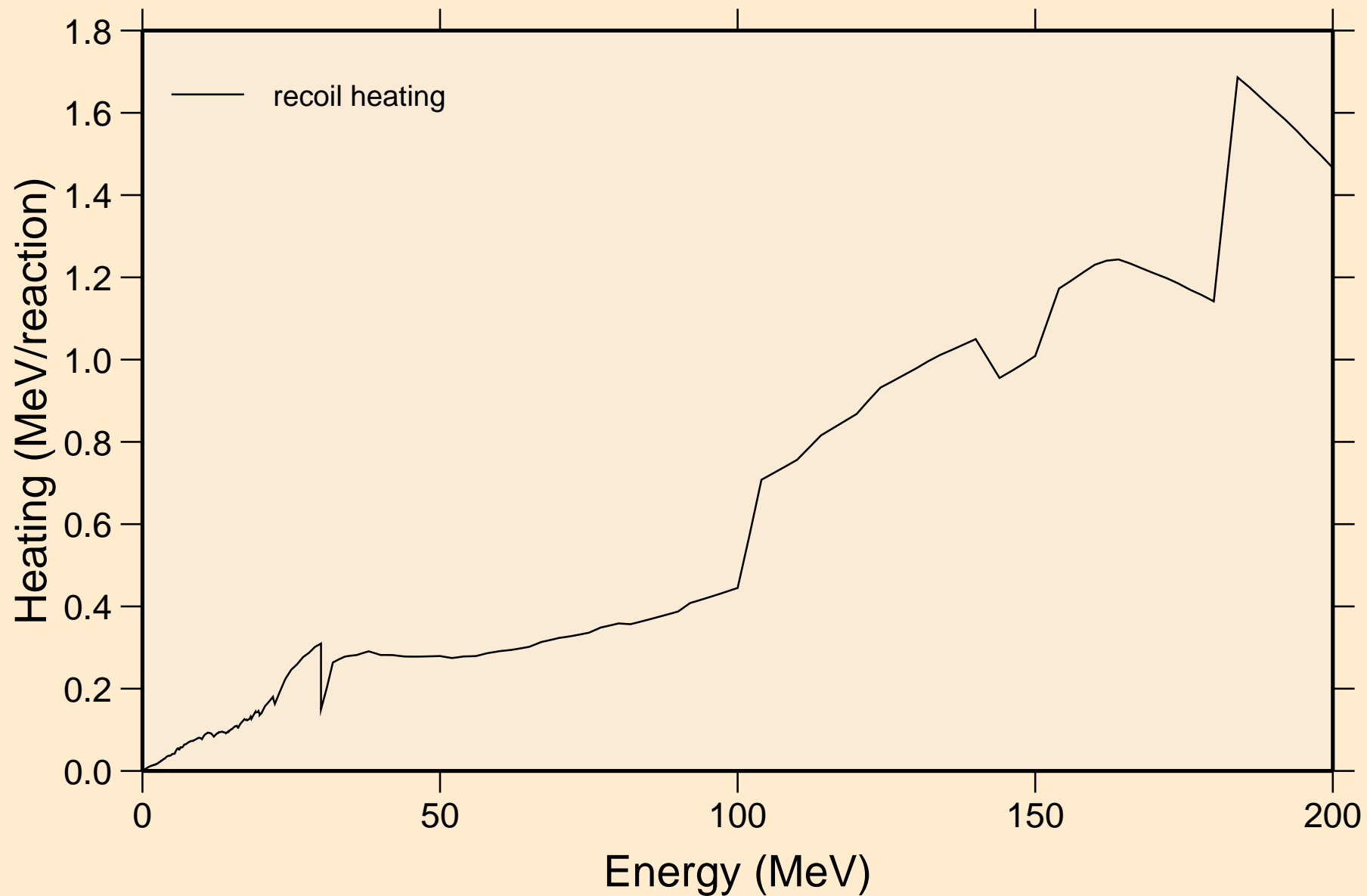


# XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

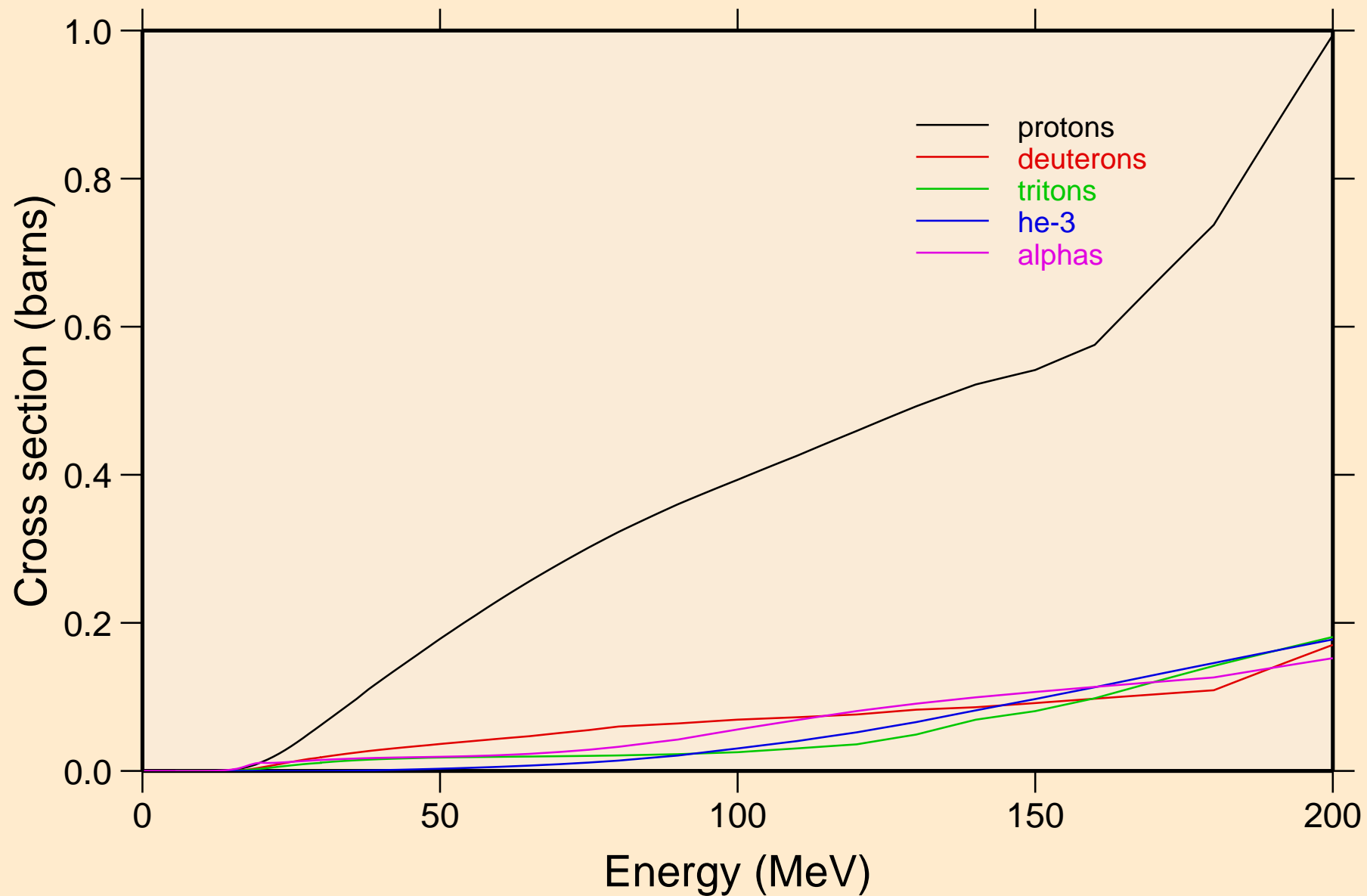
## Particle heating contributions



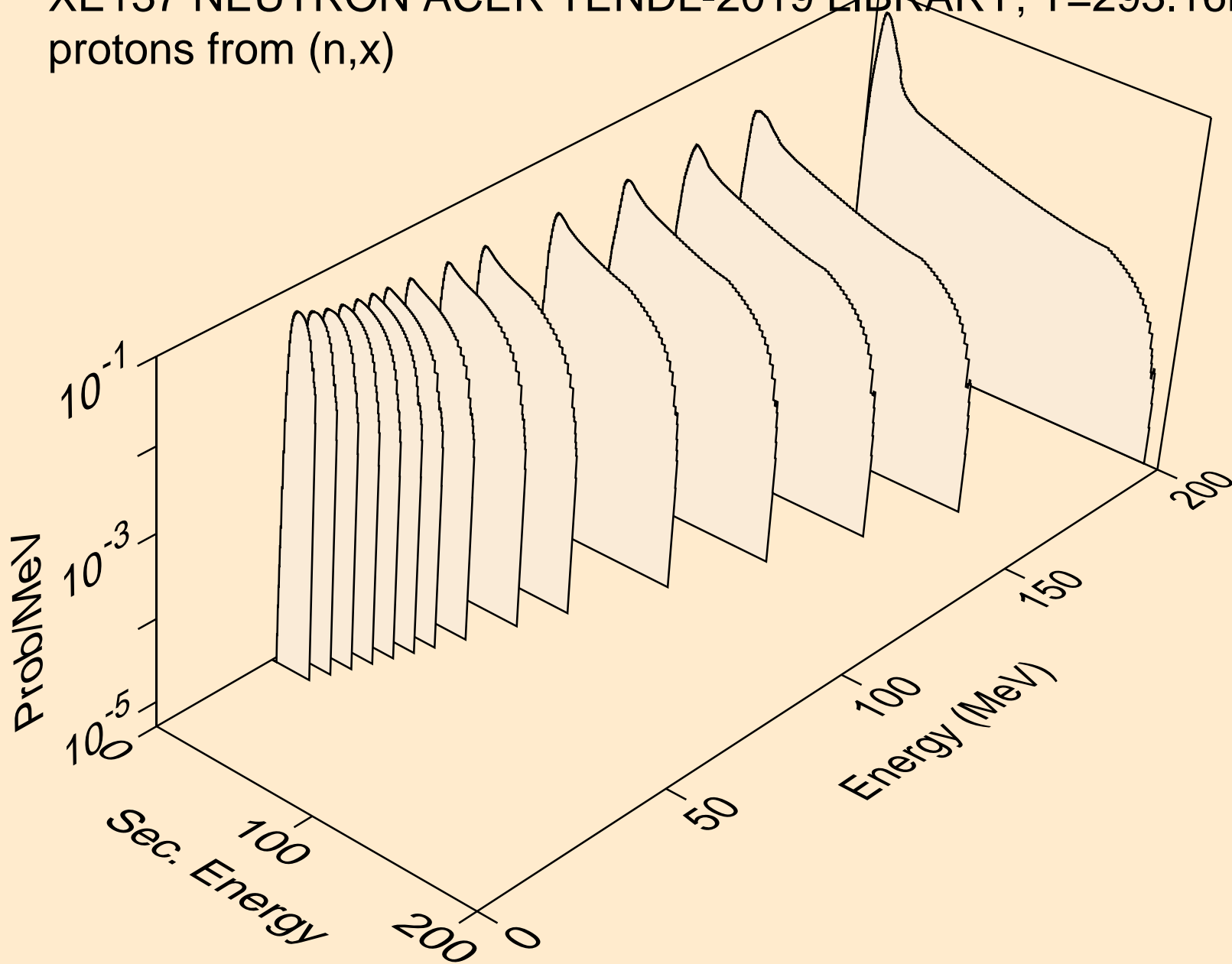
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



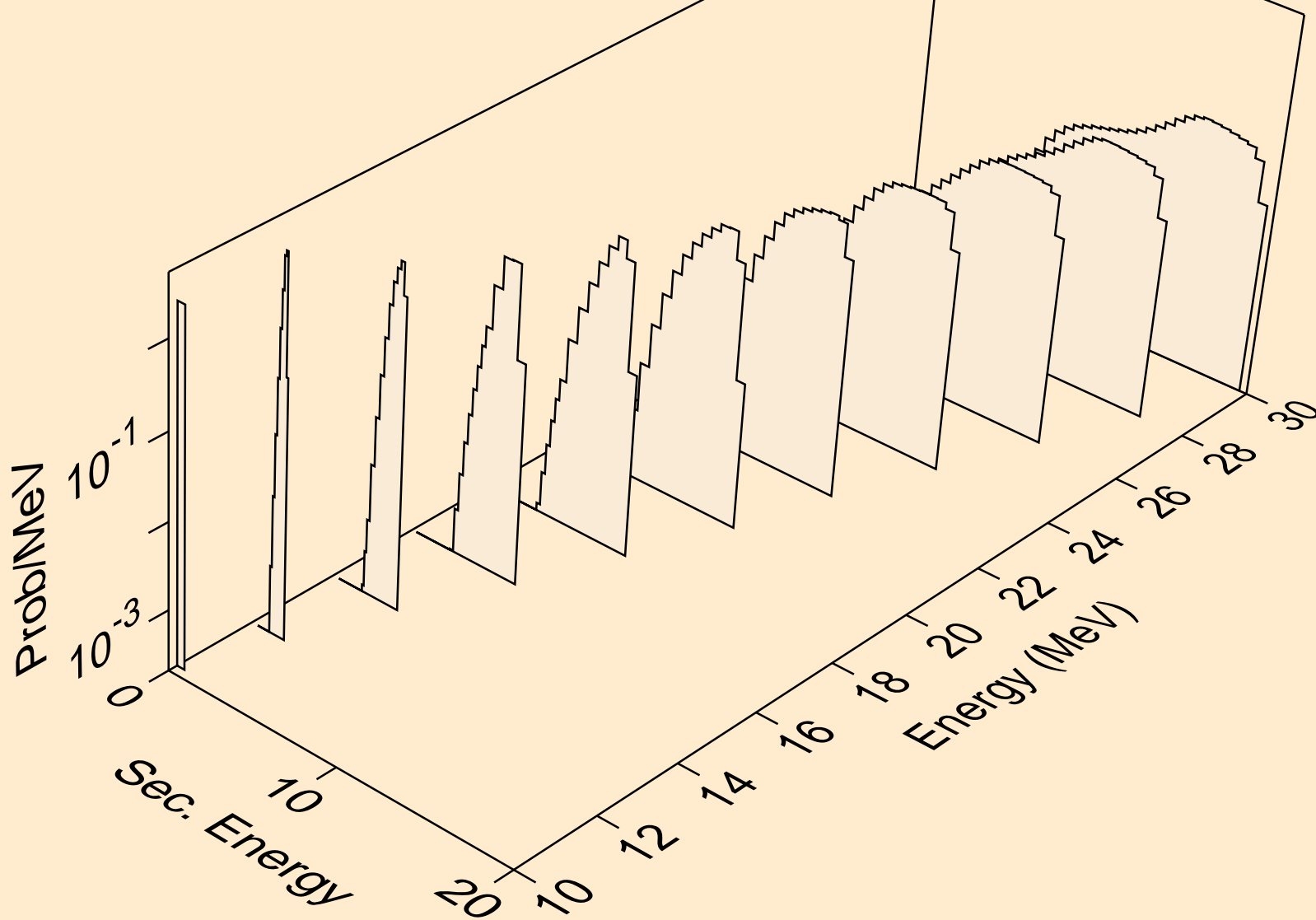
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



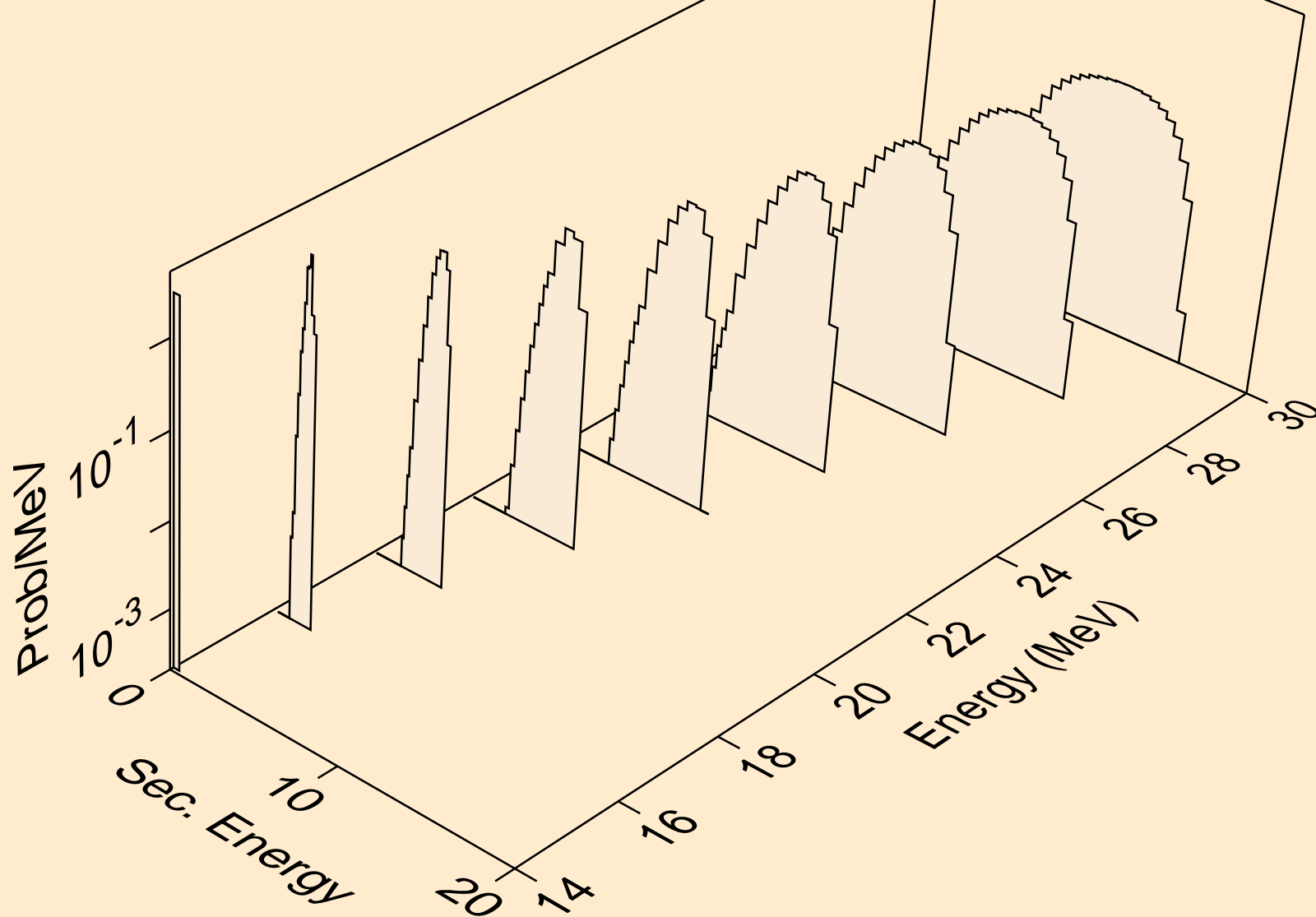
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



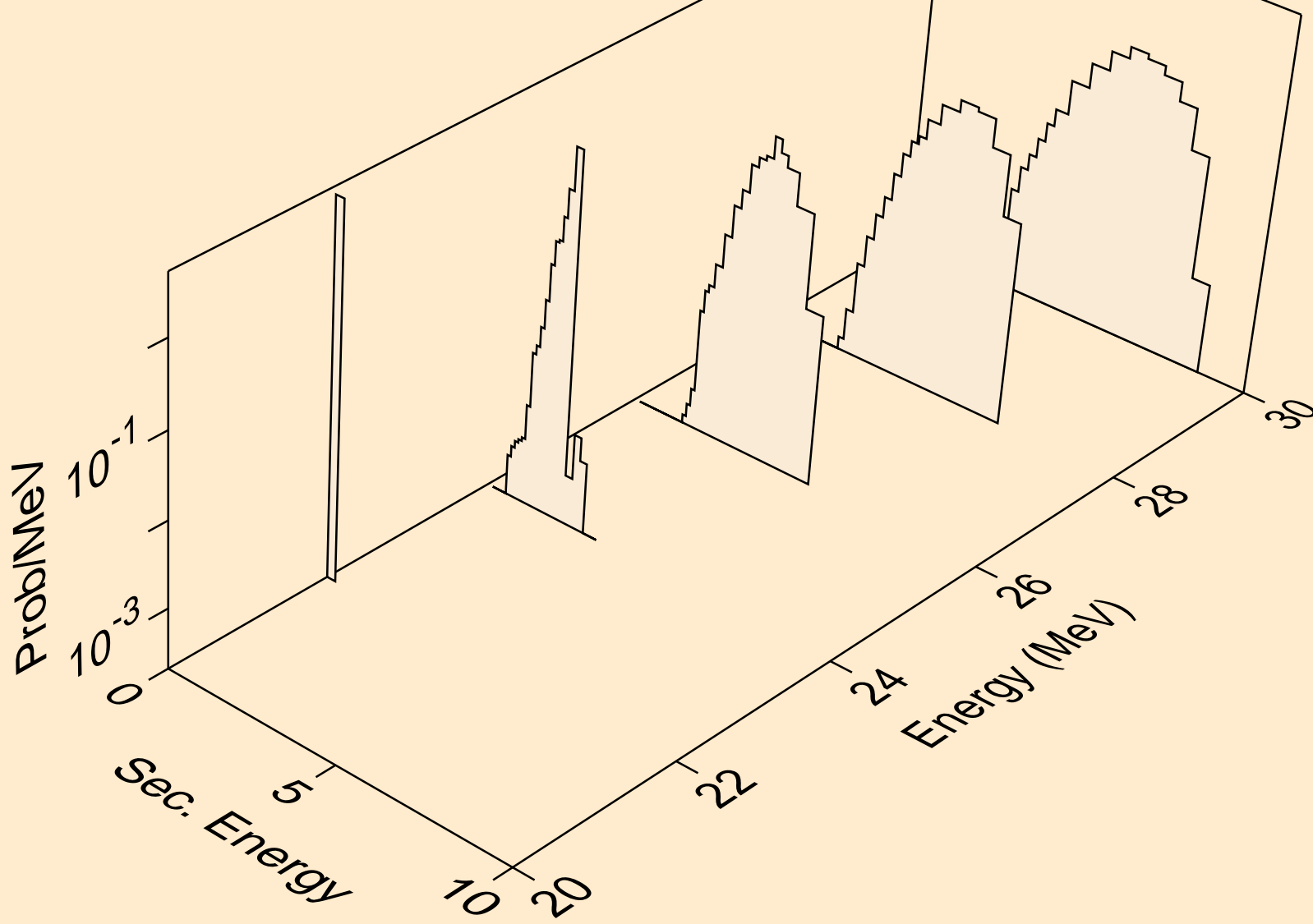
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



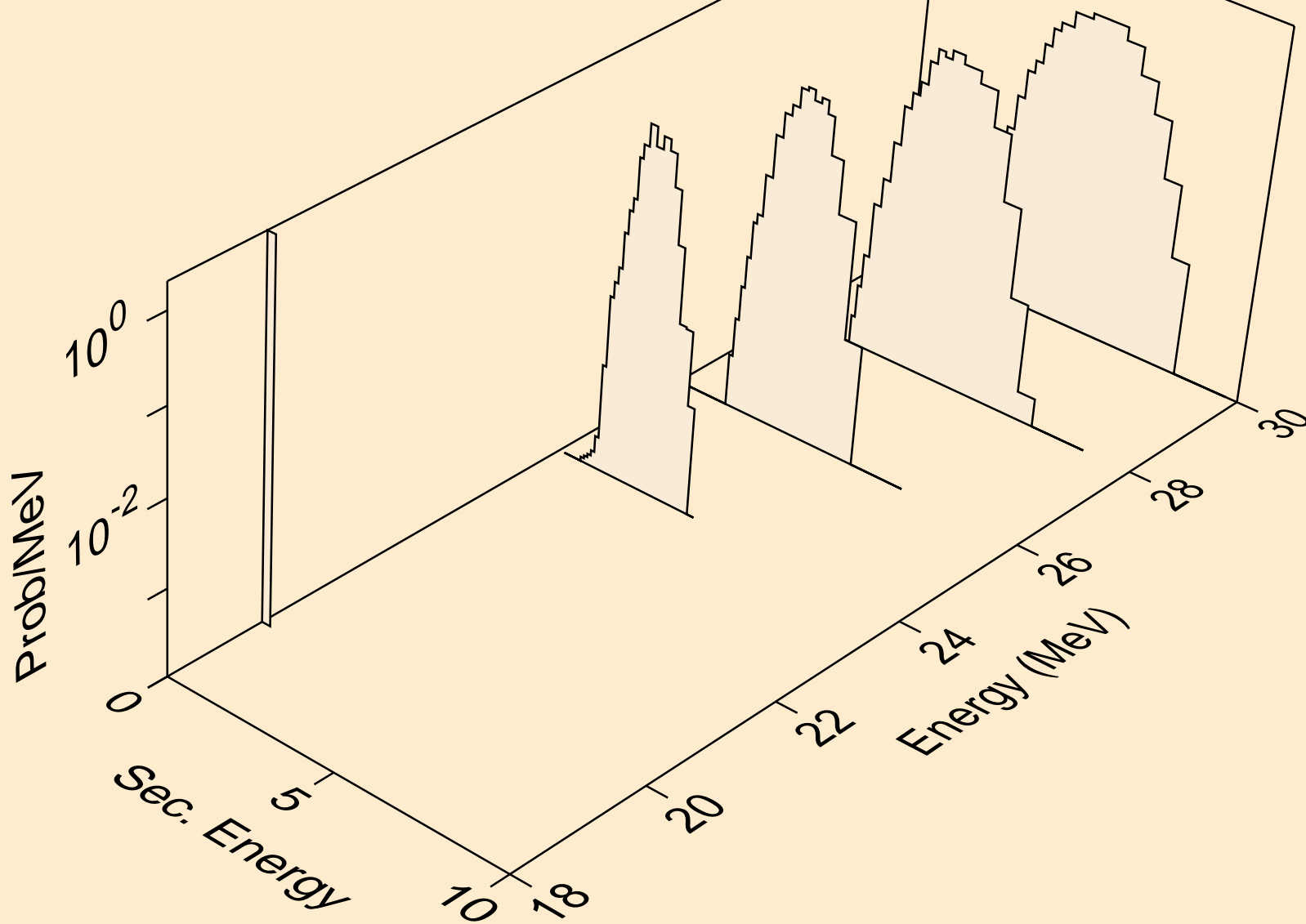
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

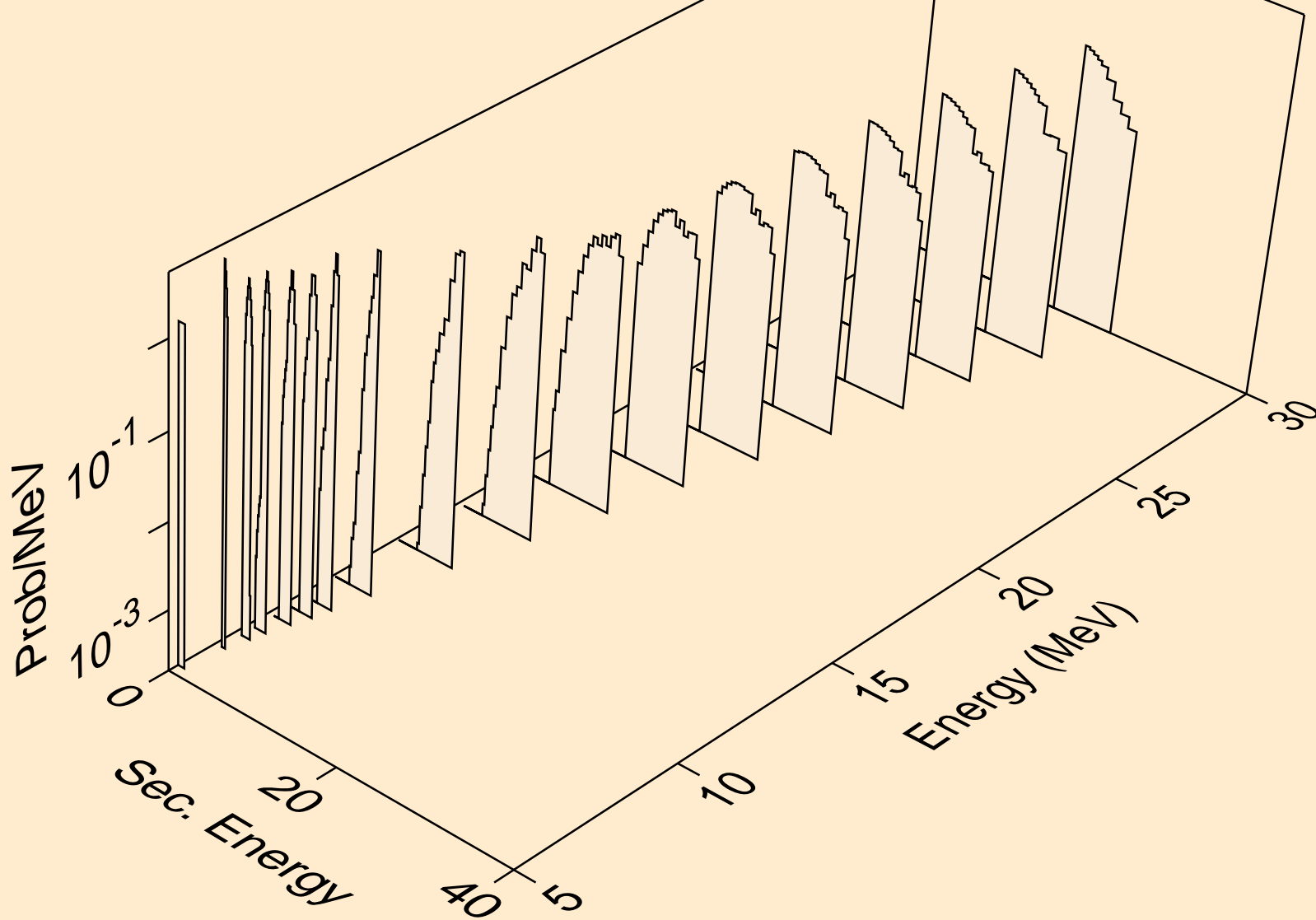


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

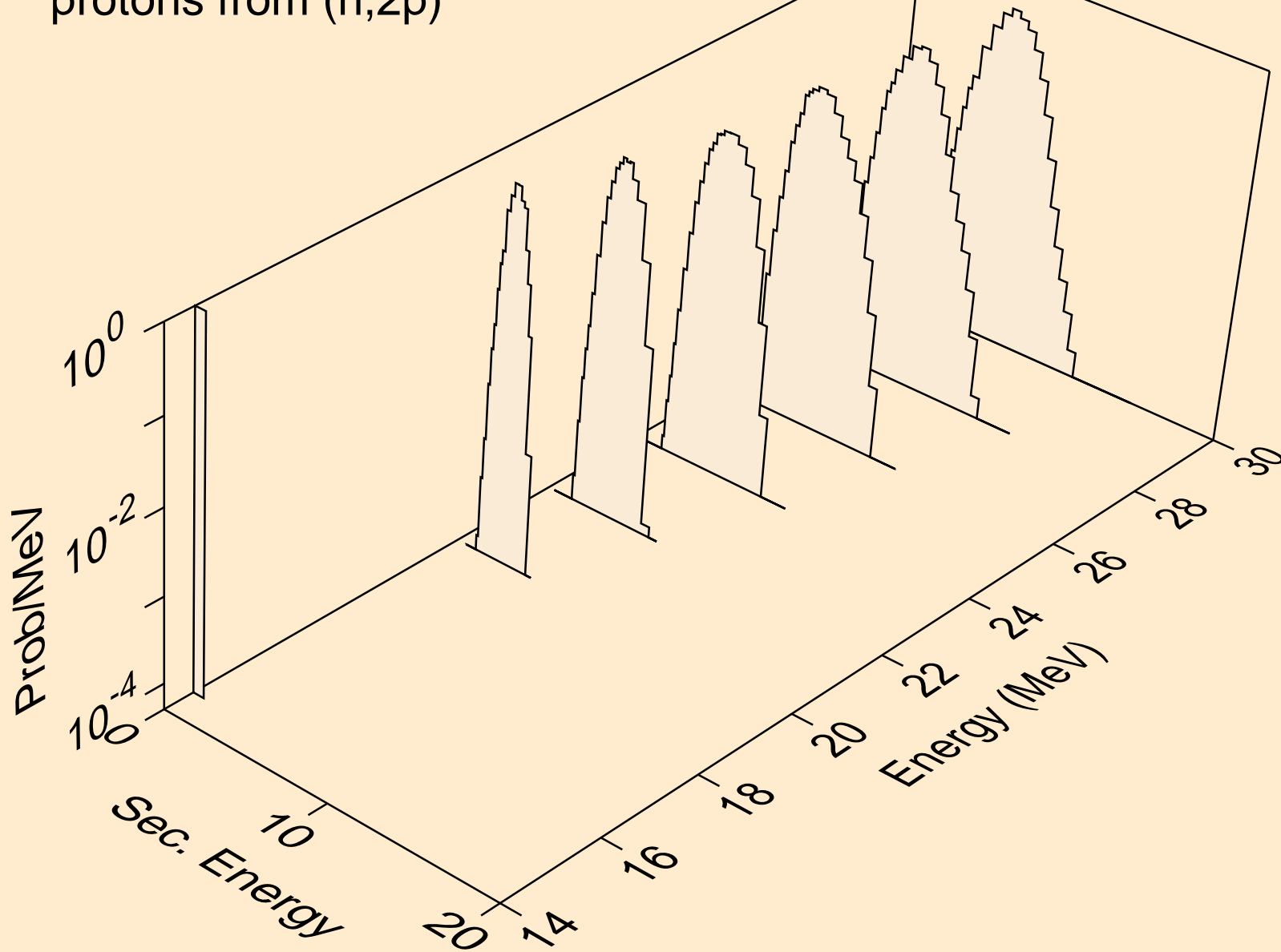




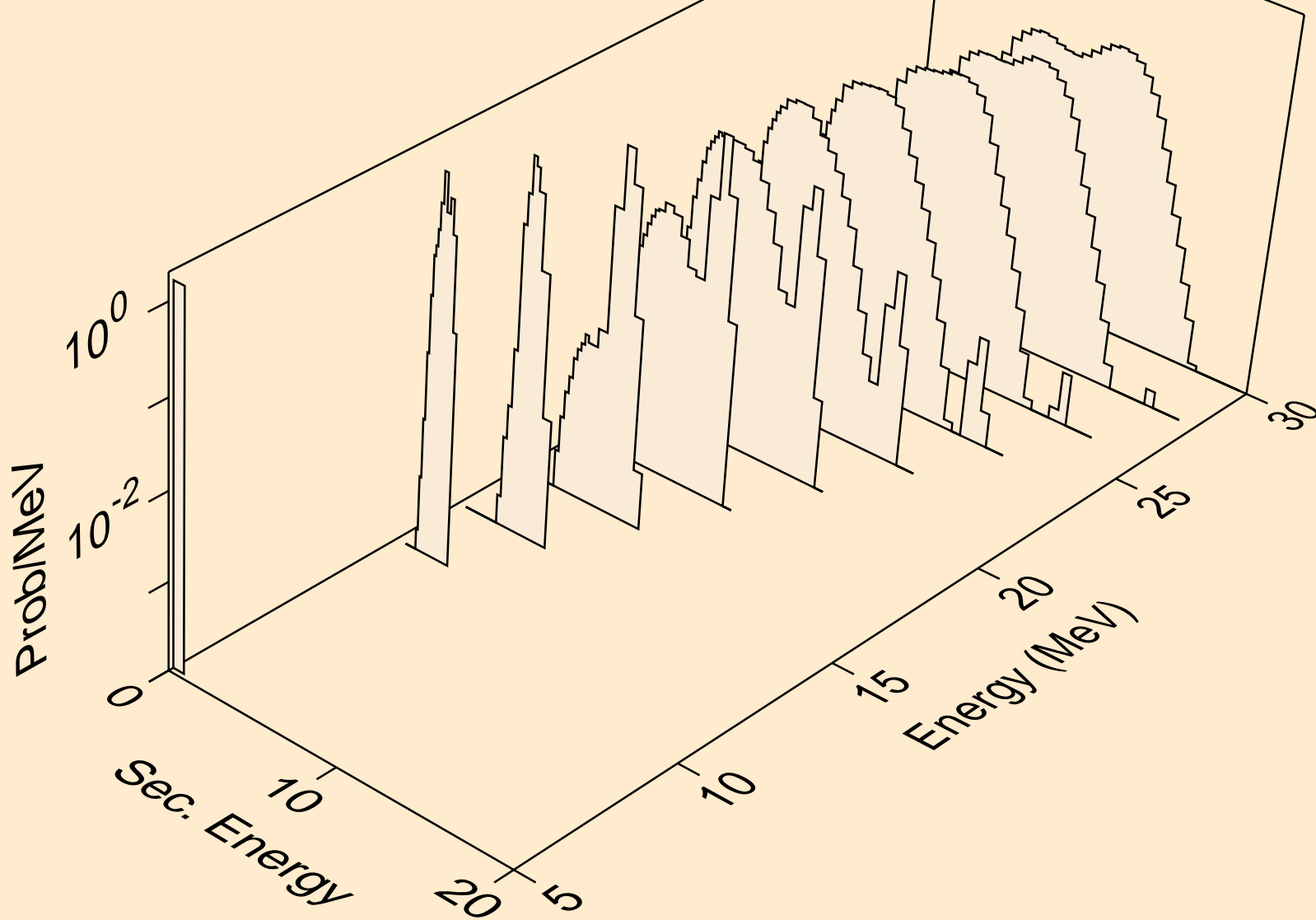
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



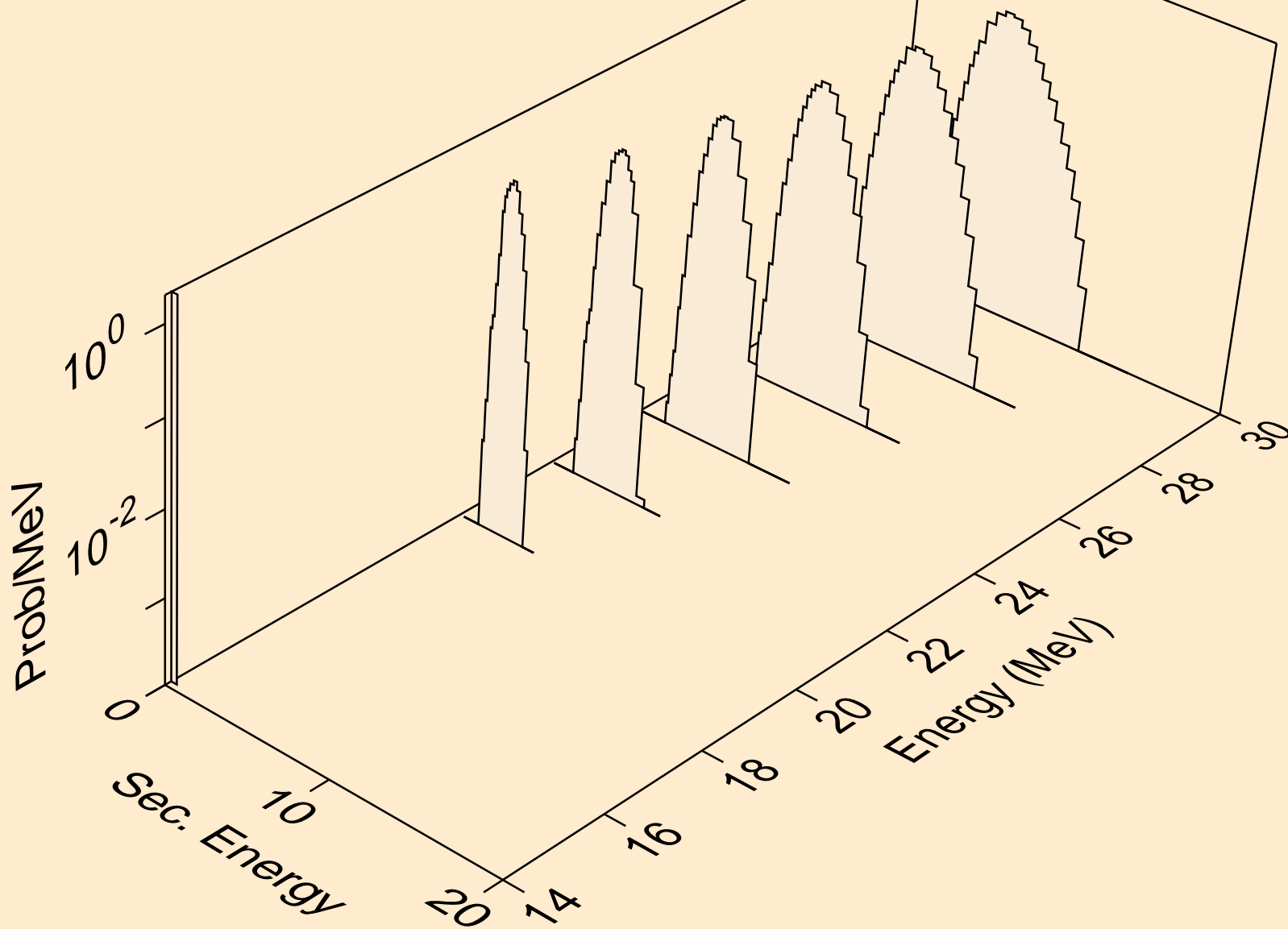
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



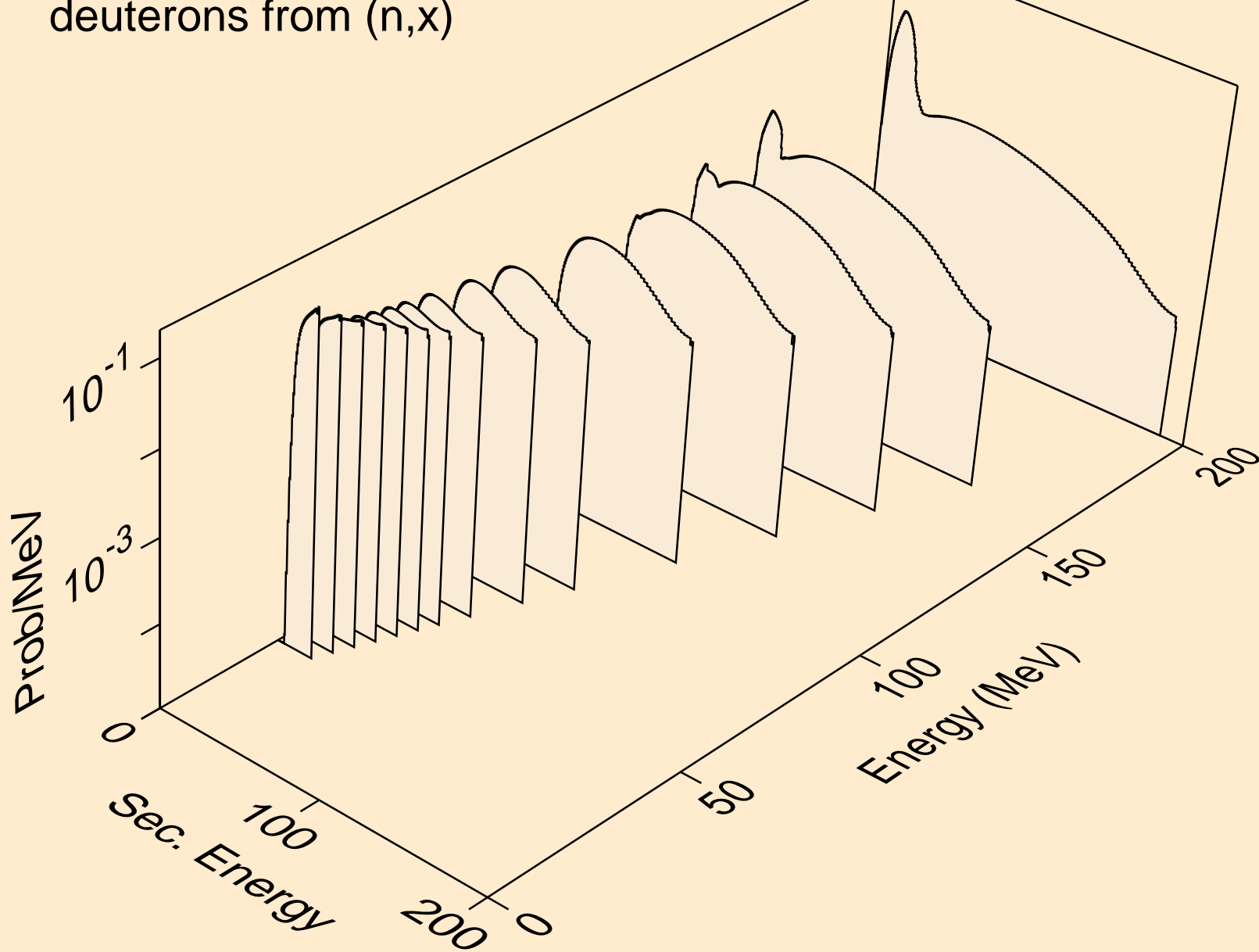
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



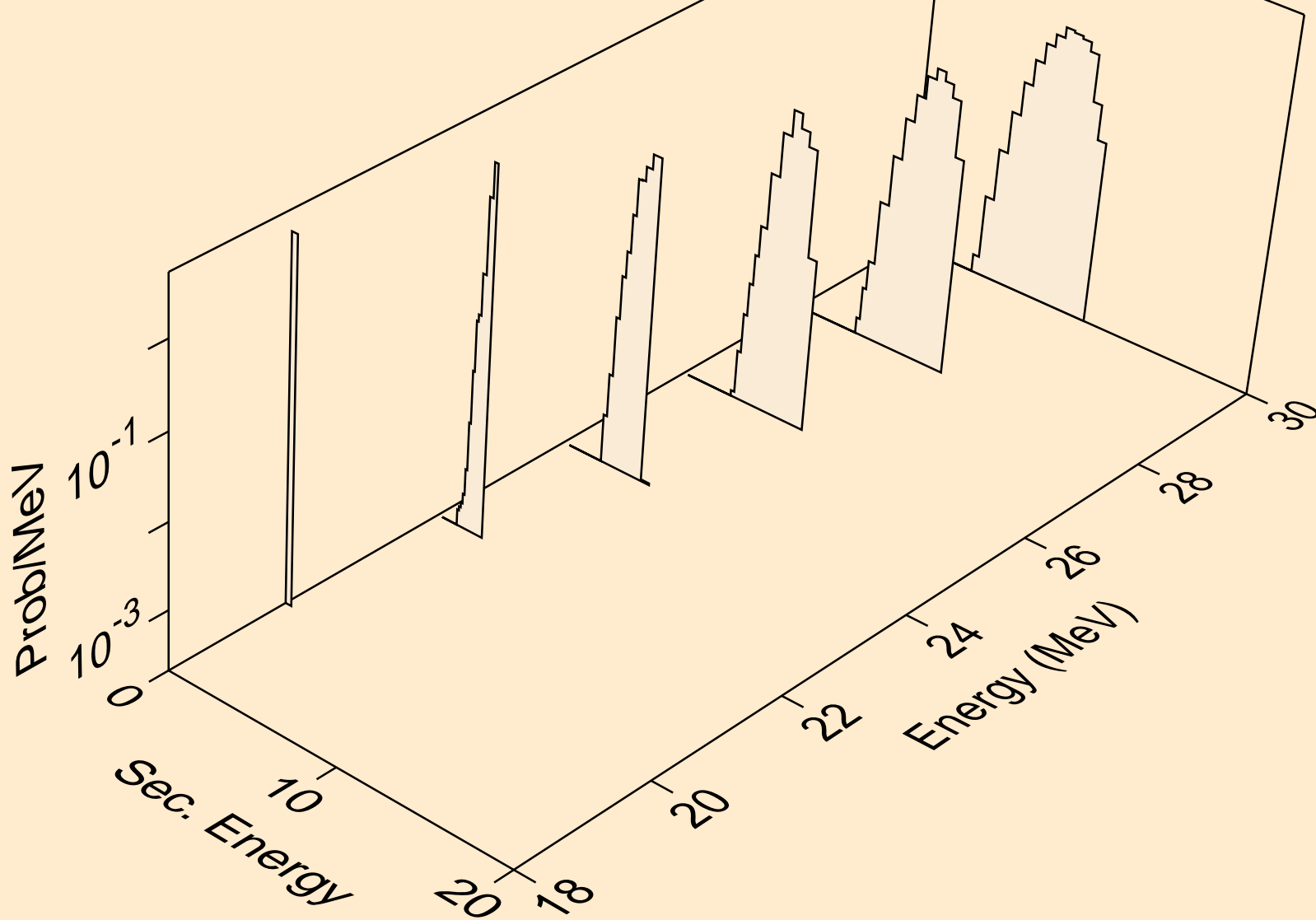
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



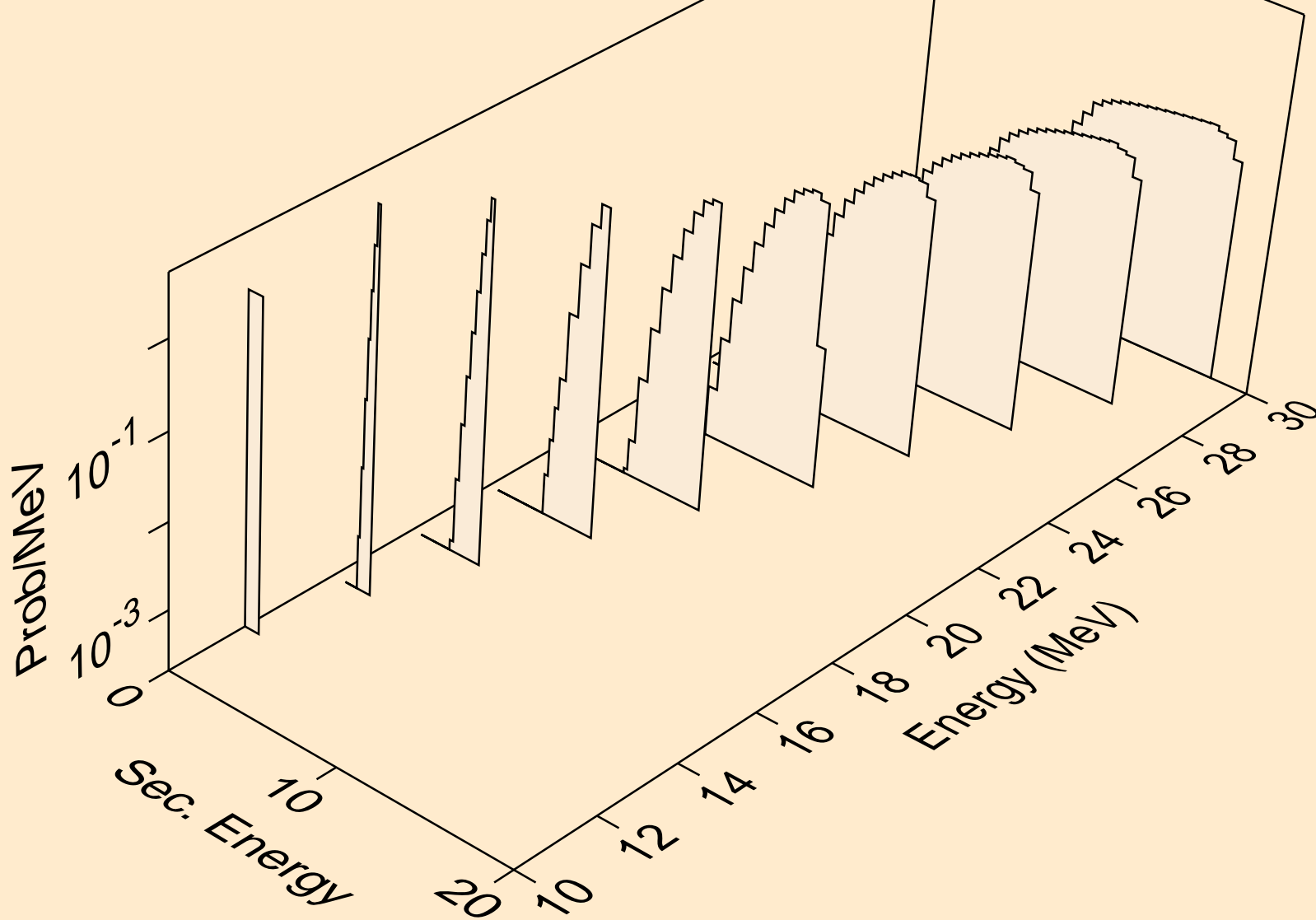
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



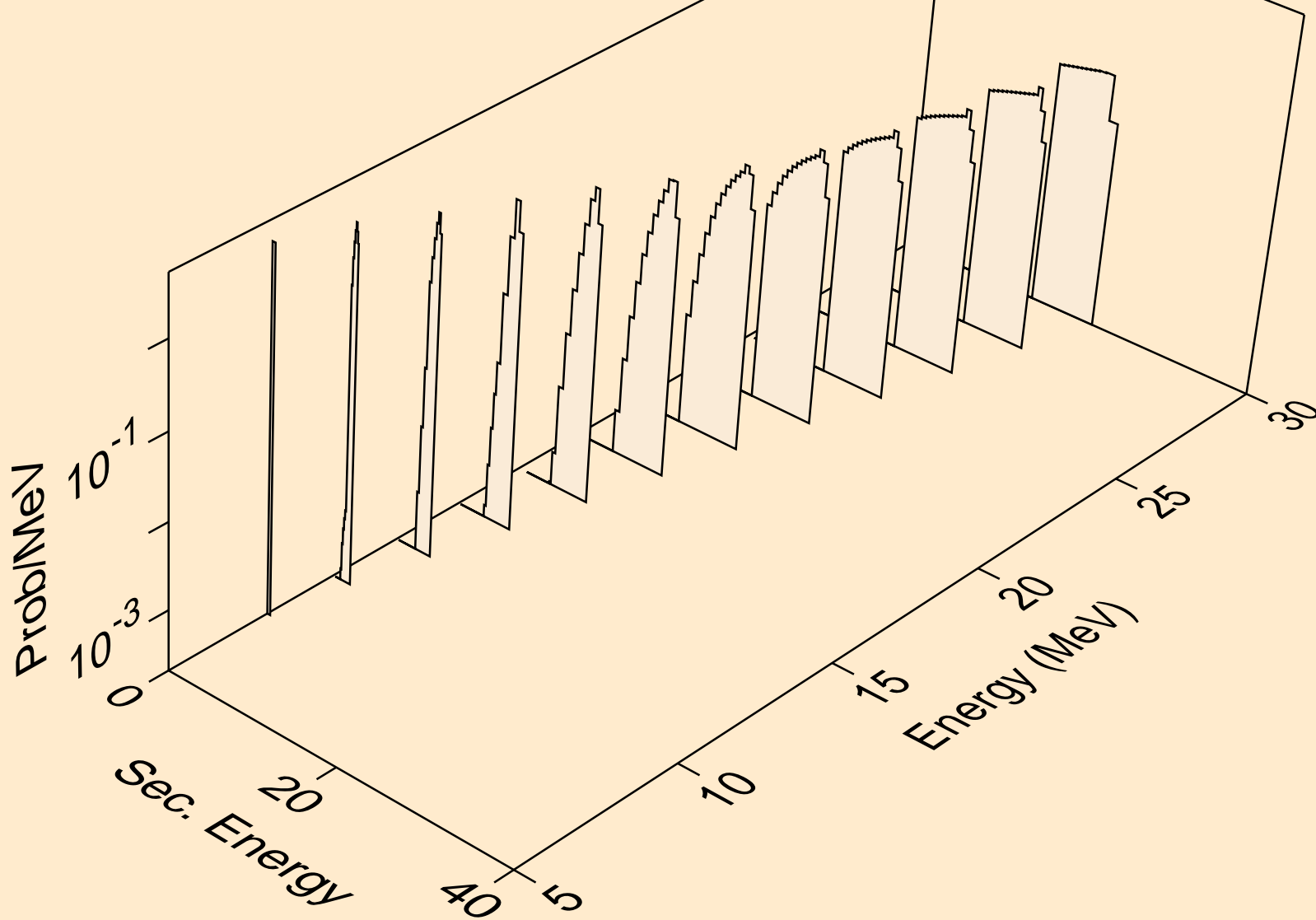
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

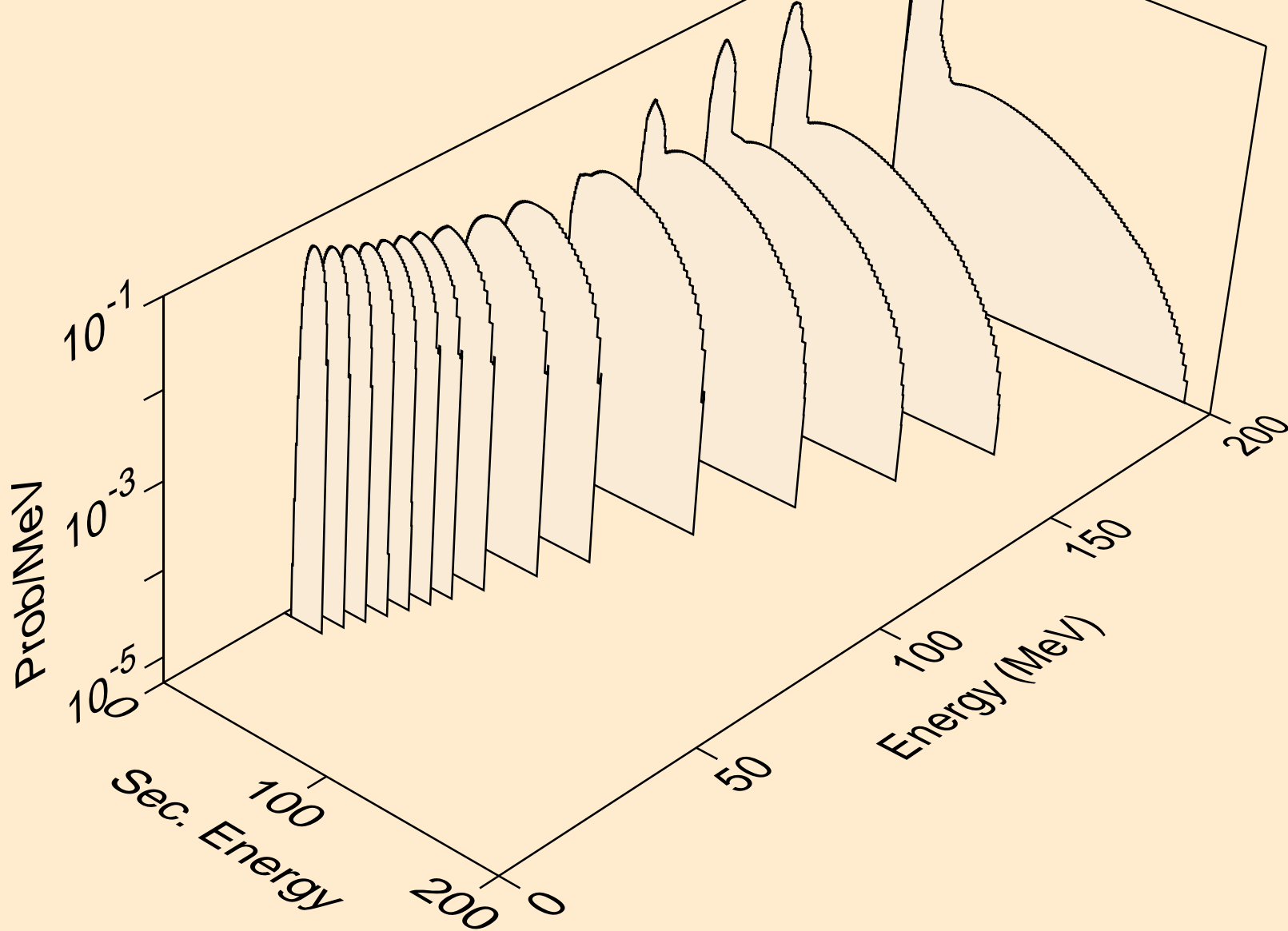


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

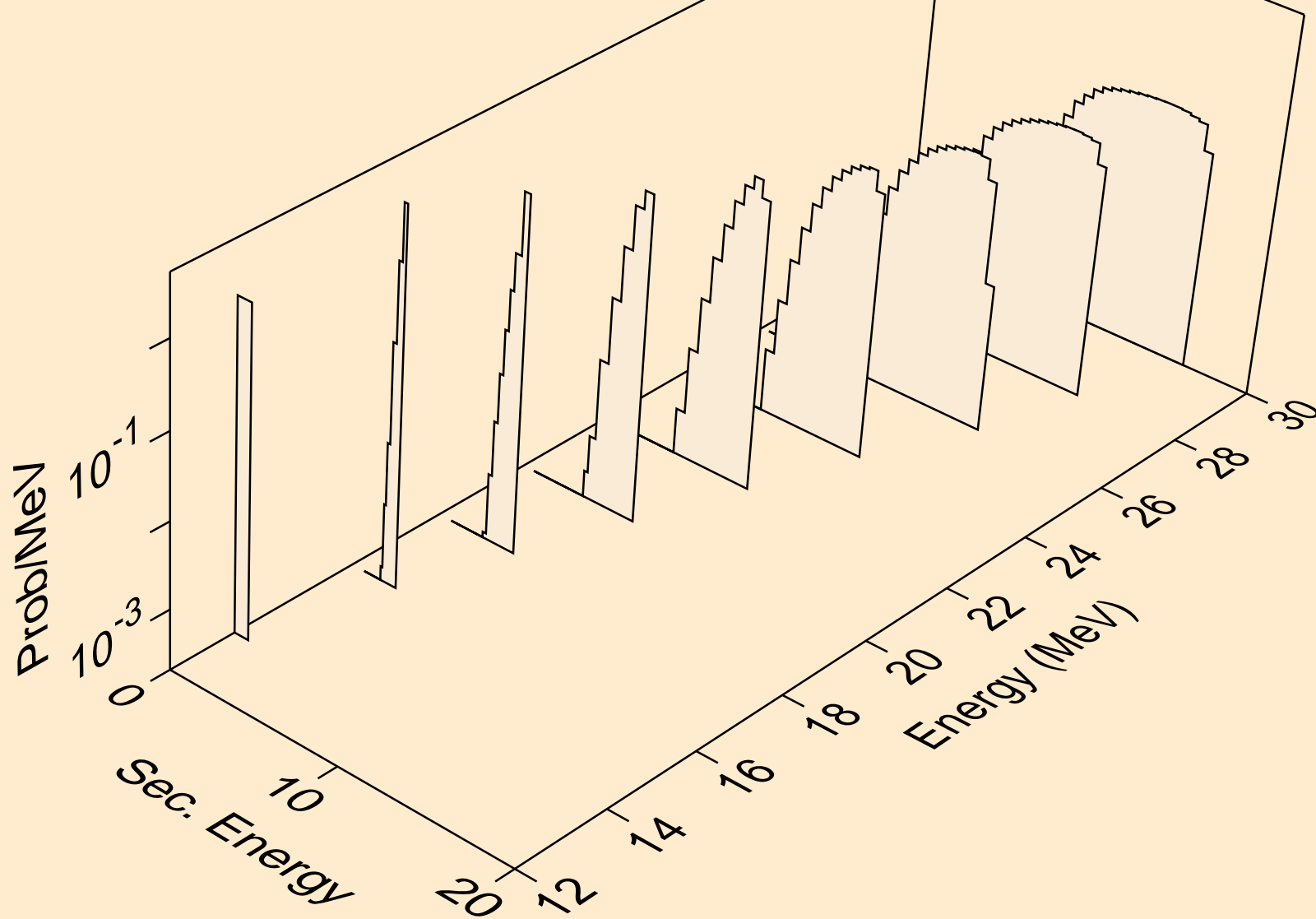




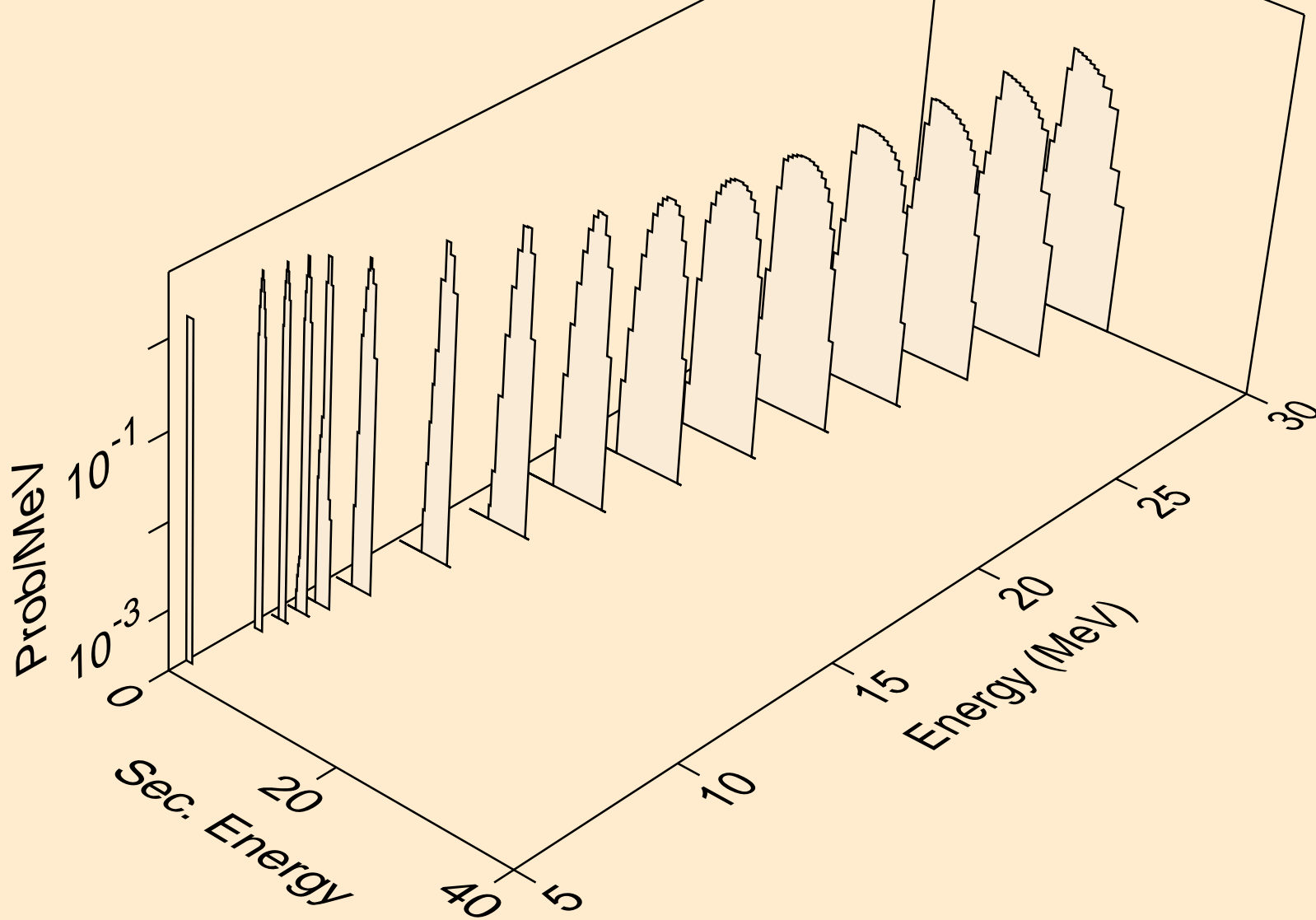
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



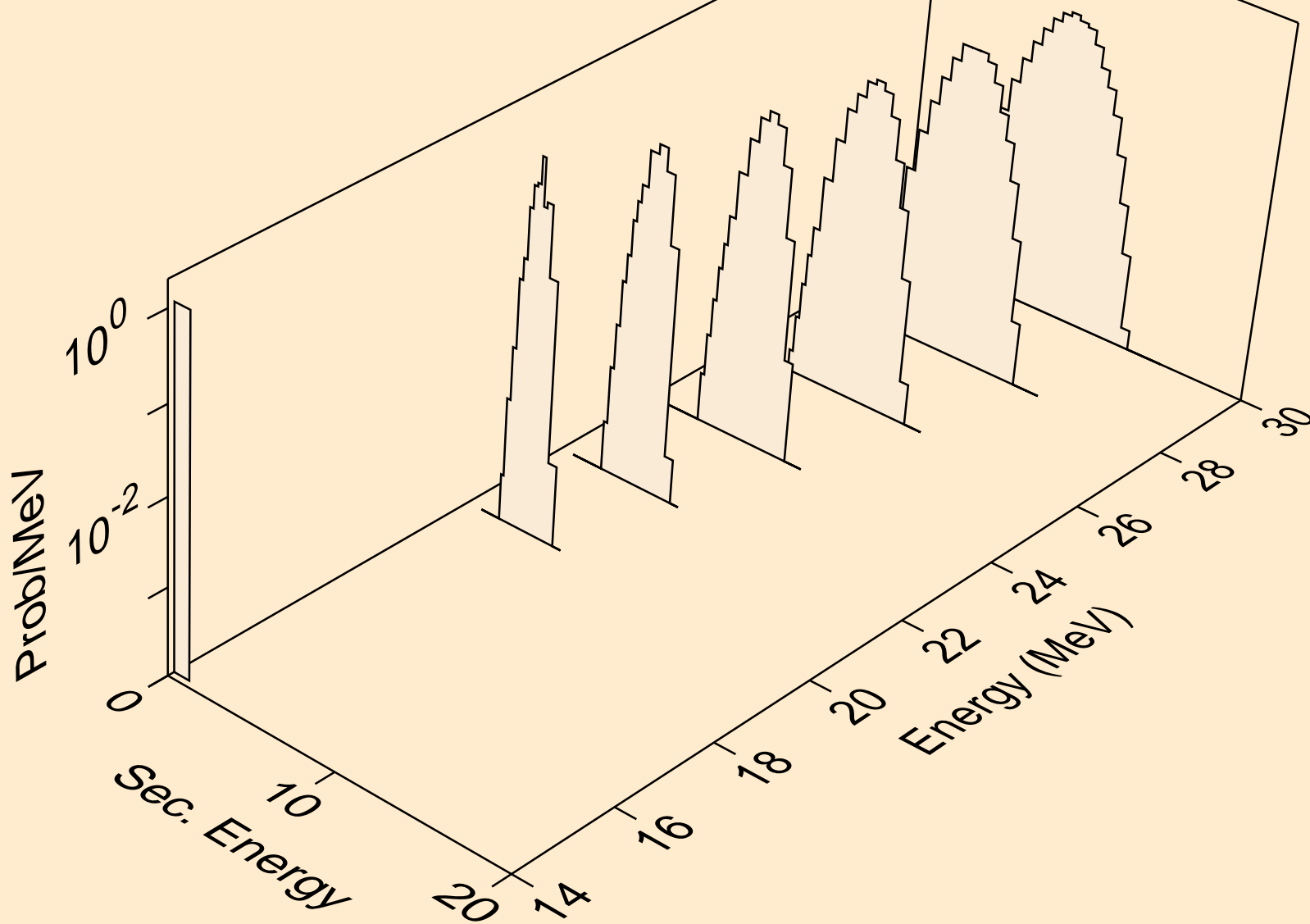
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



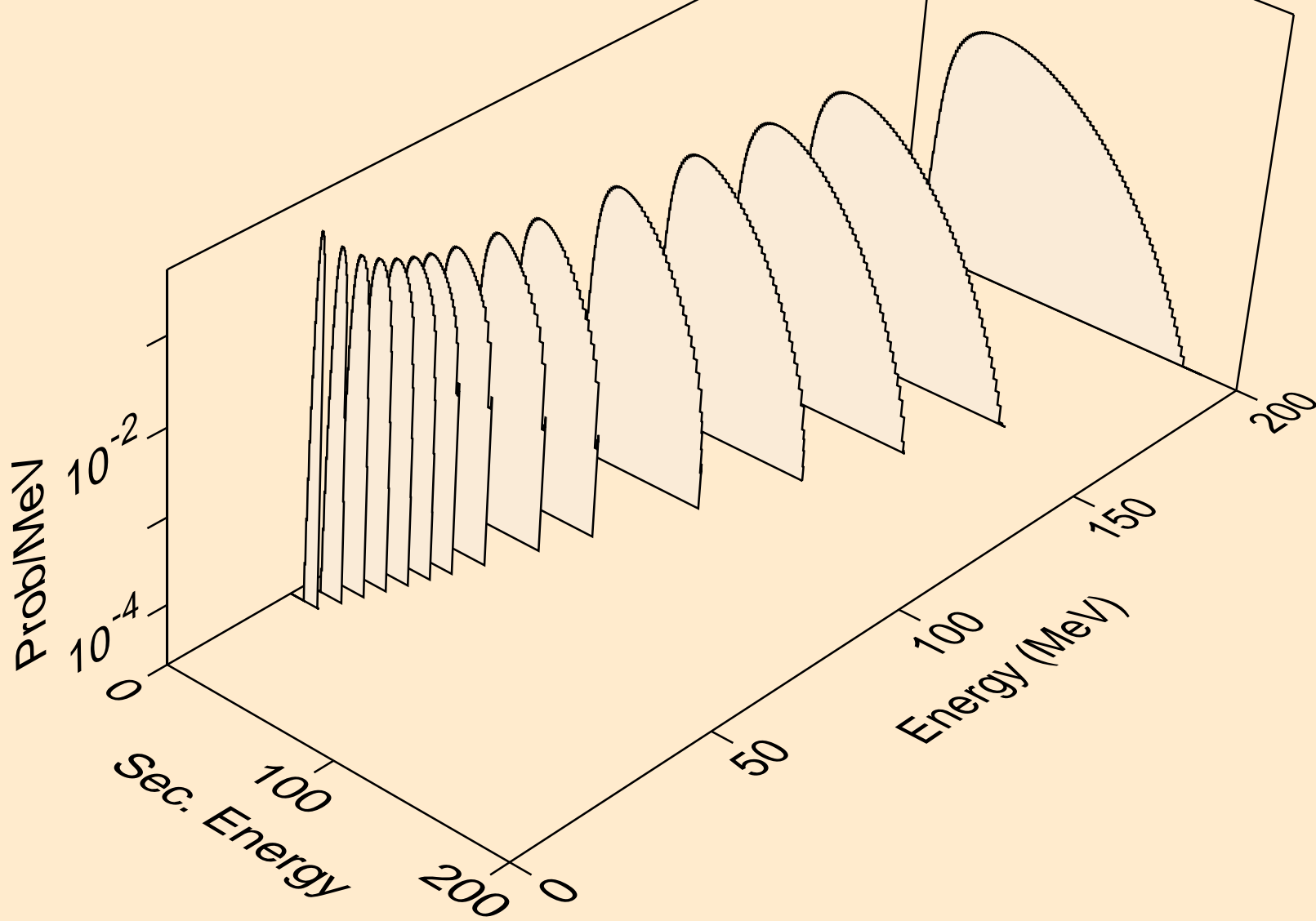
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



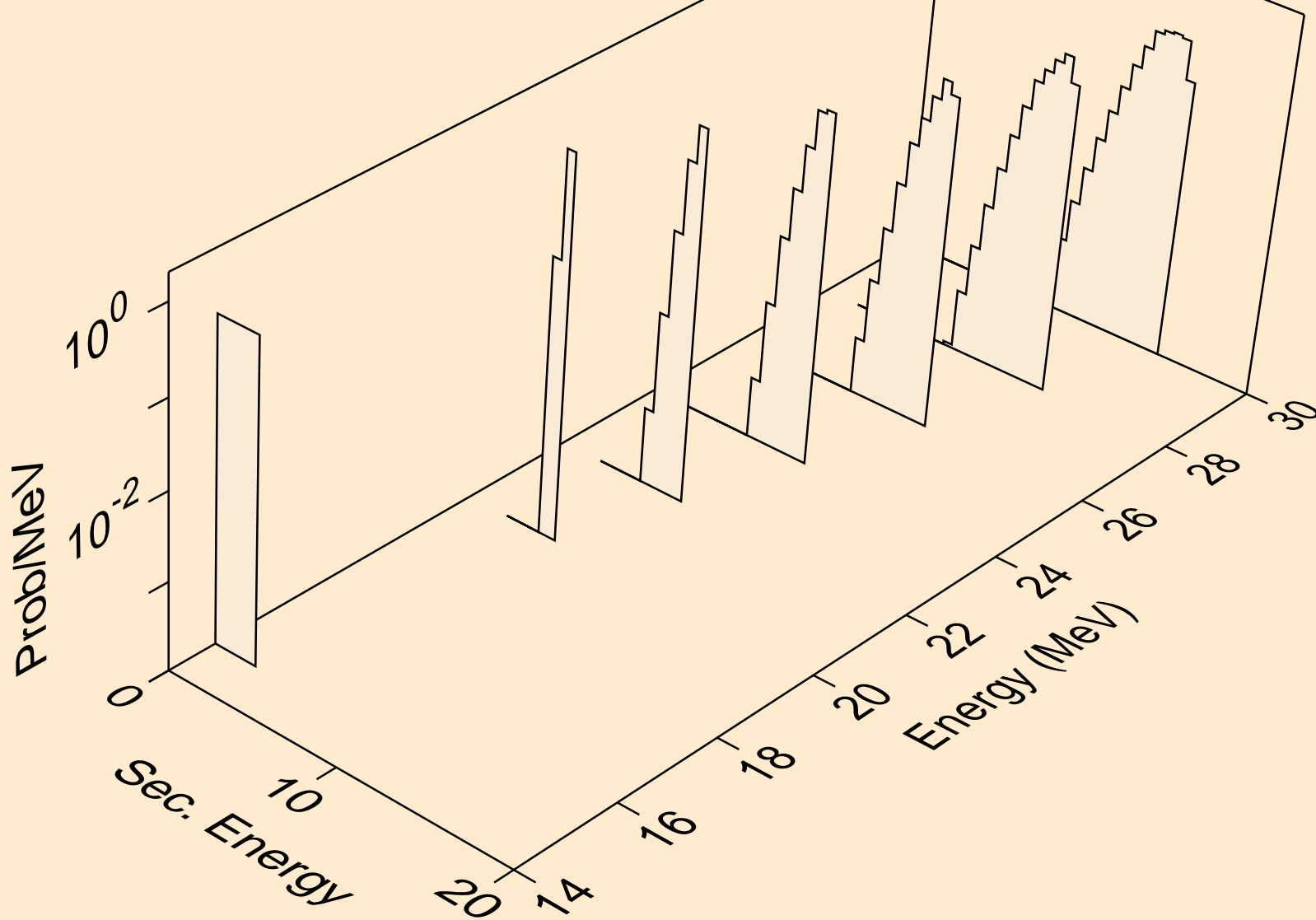
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



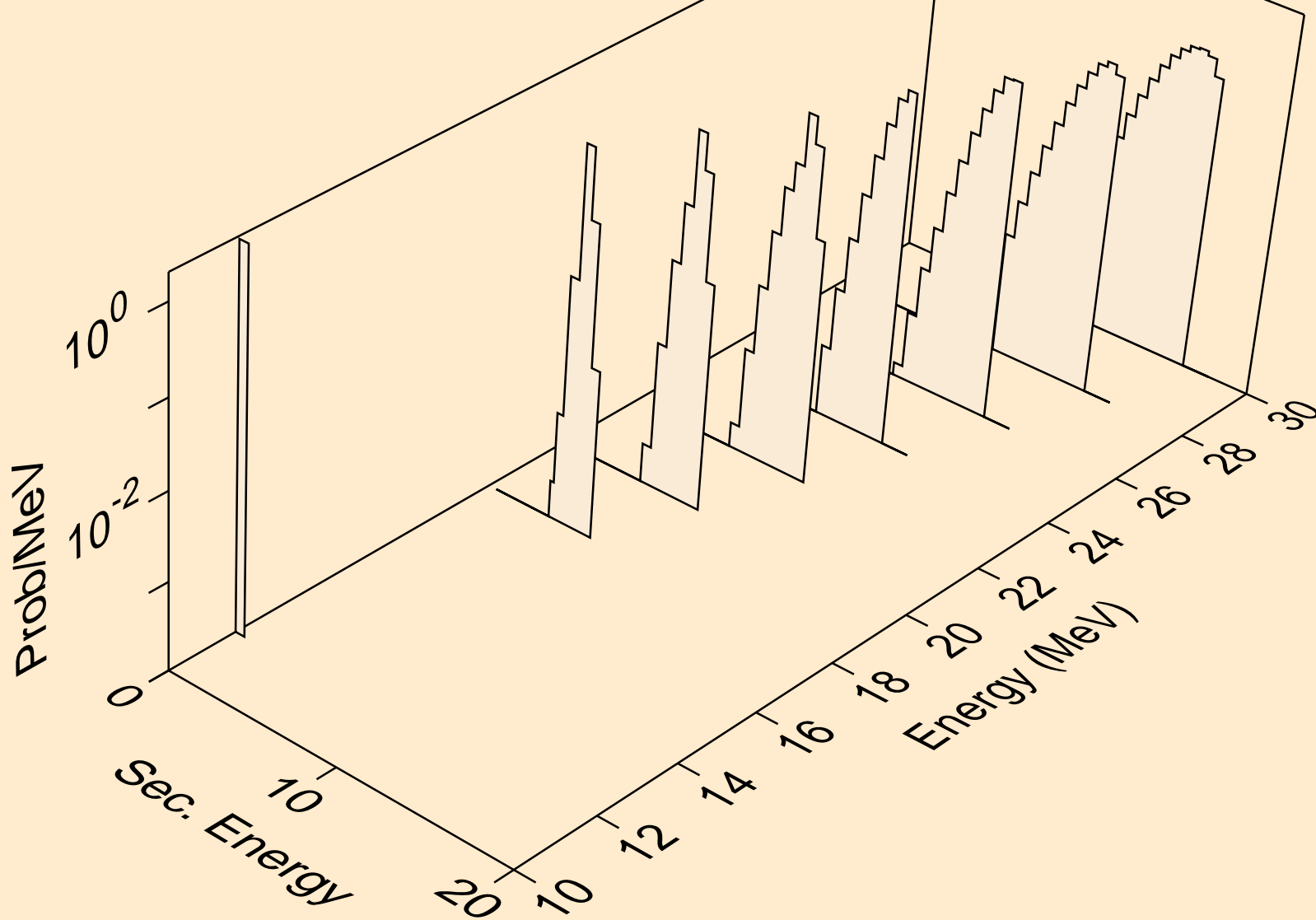
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



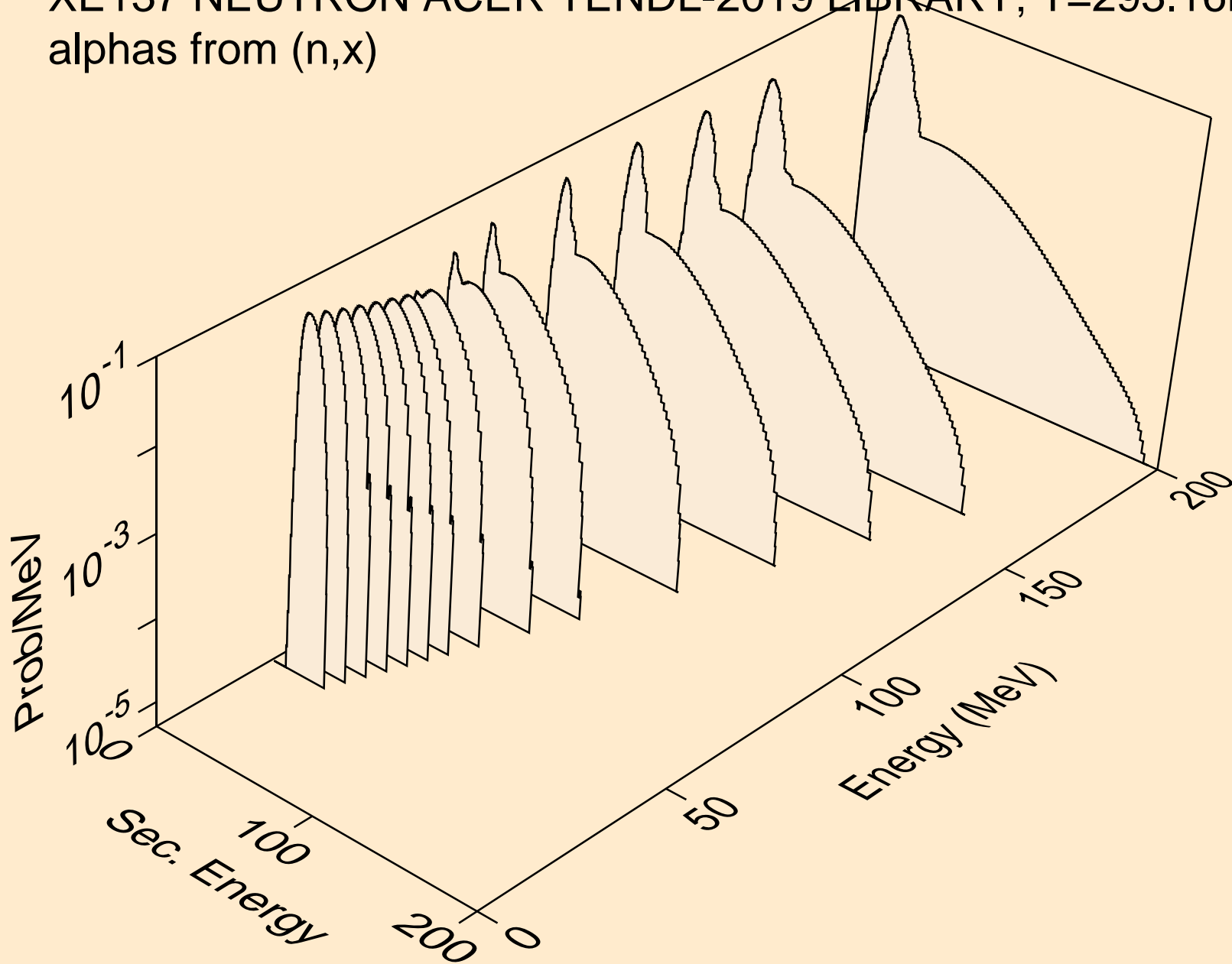
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

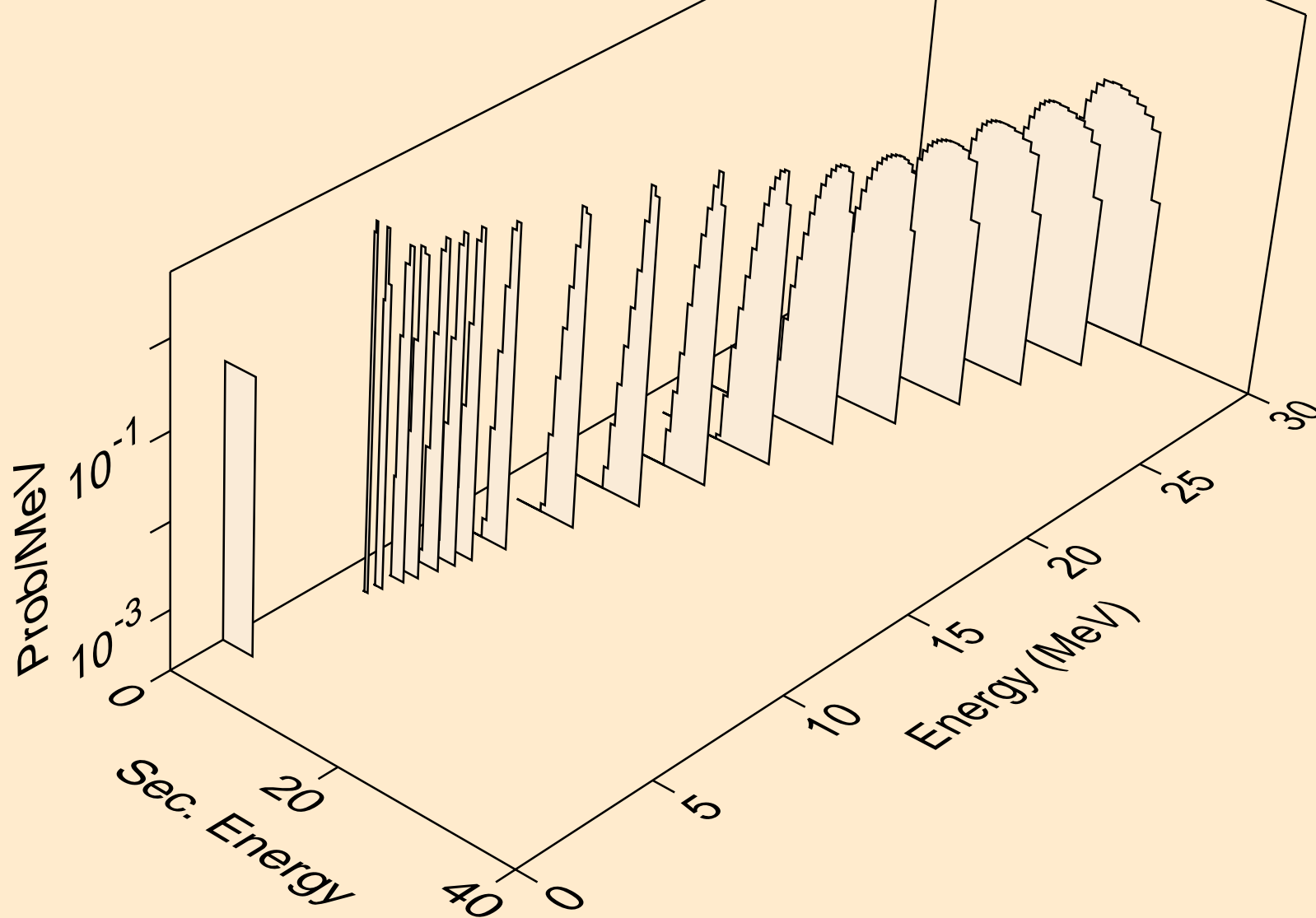


XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

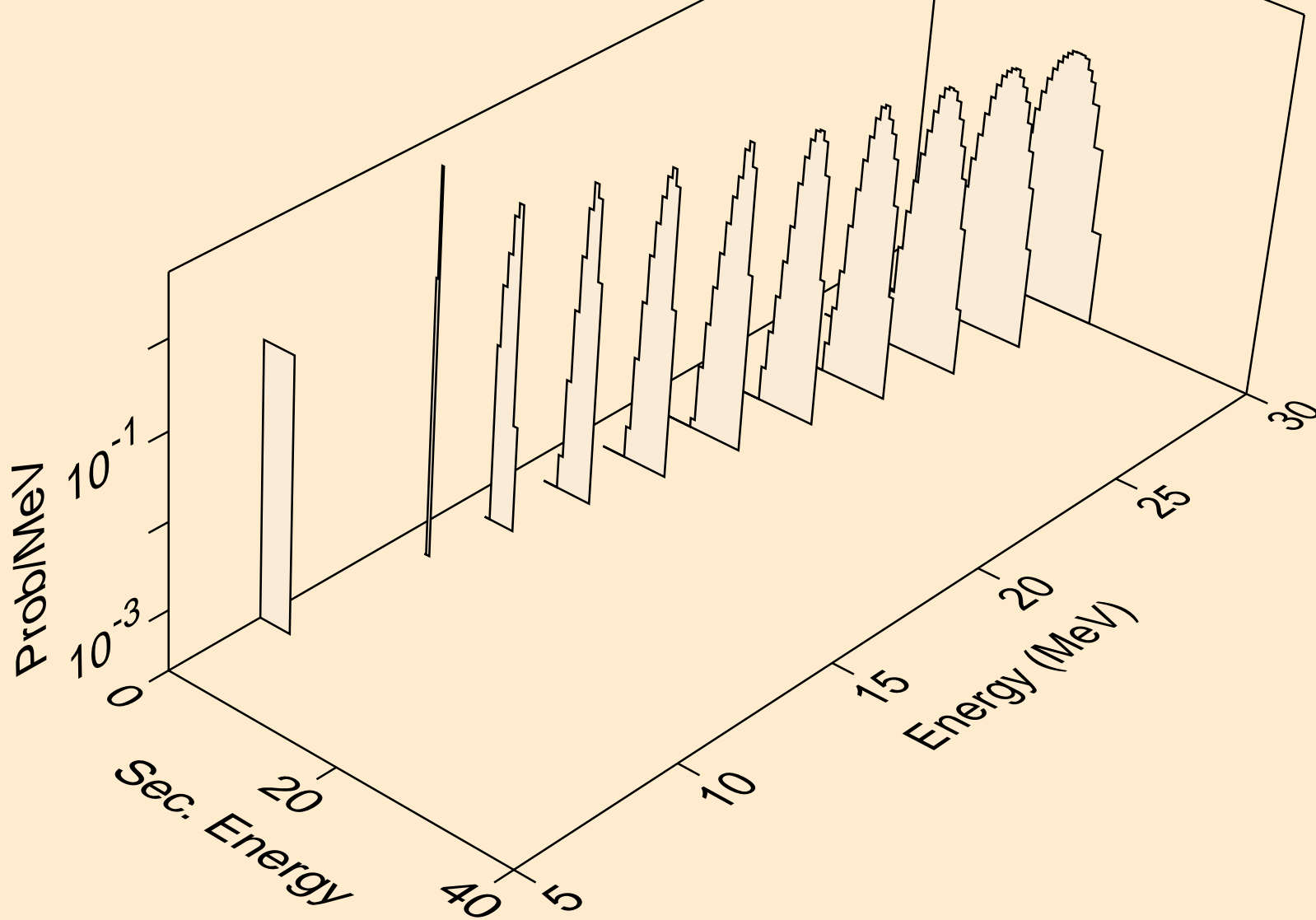




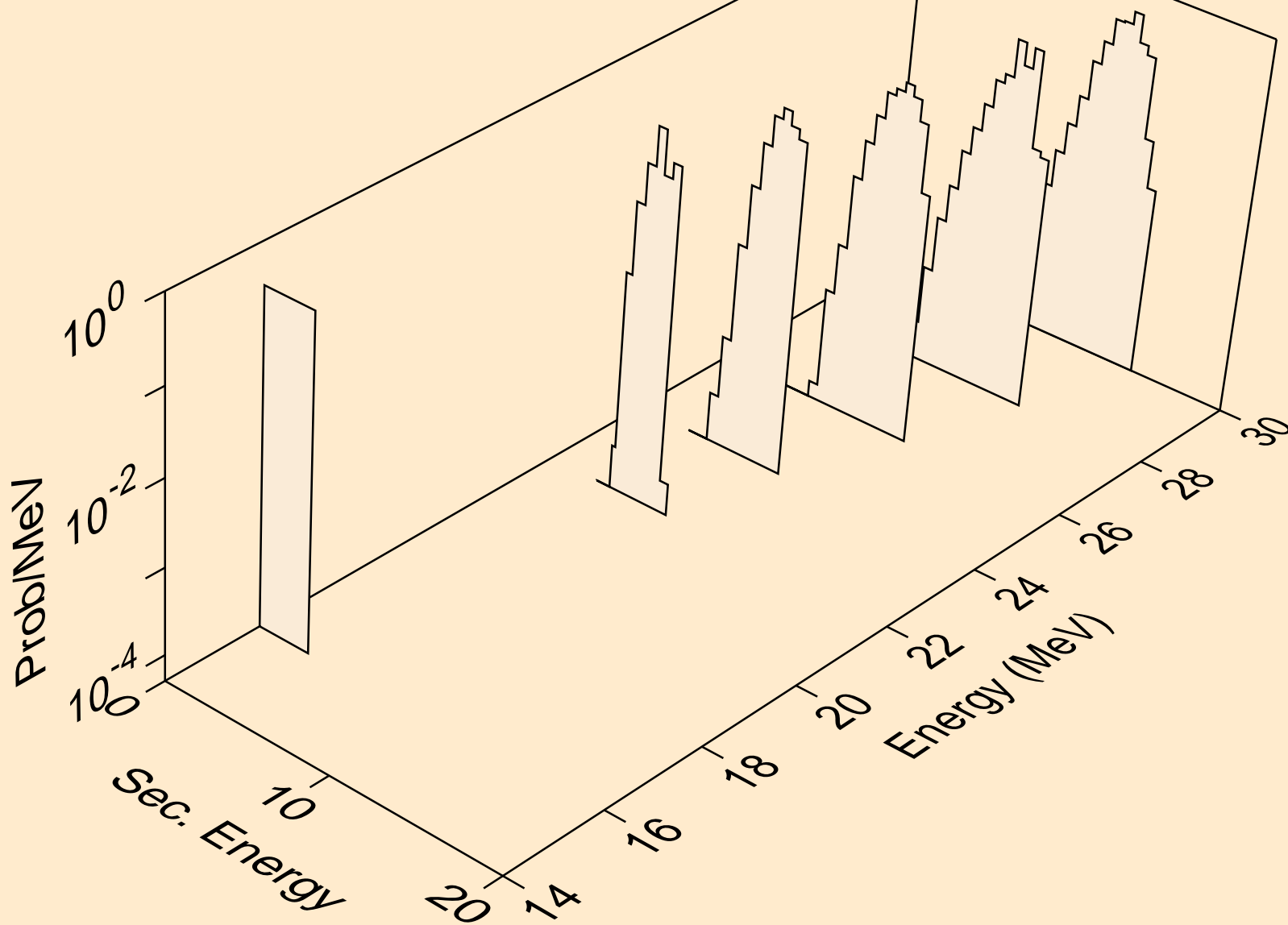
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



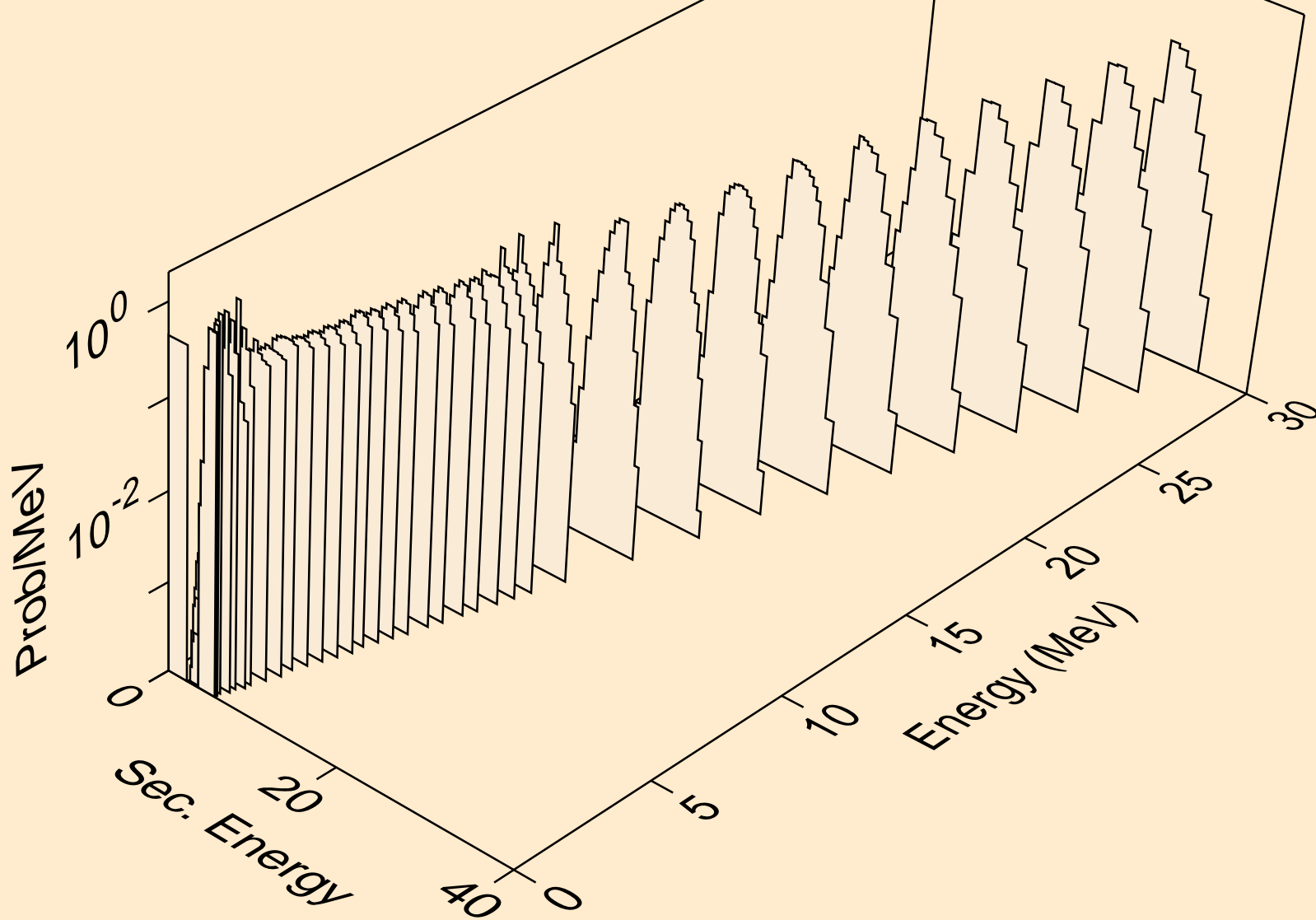
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



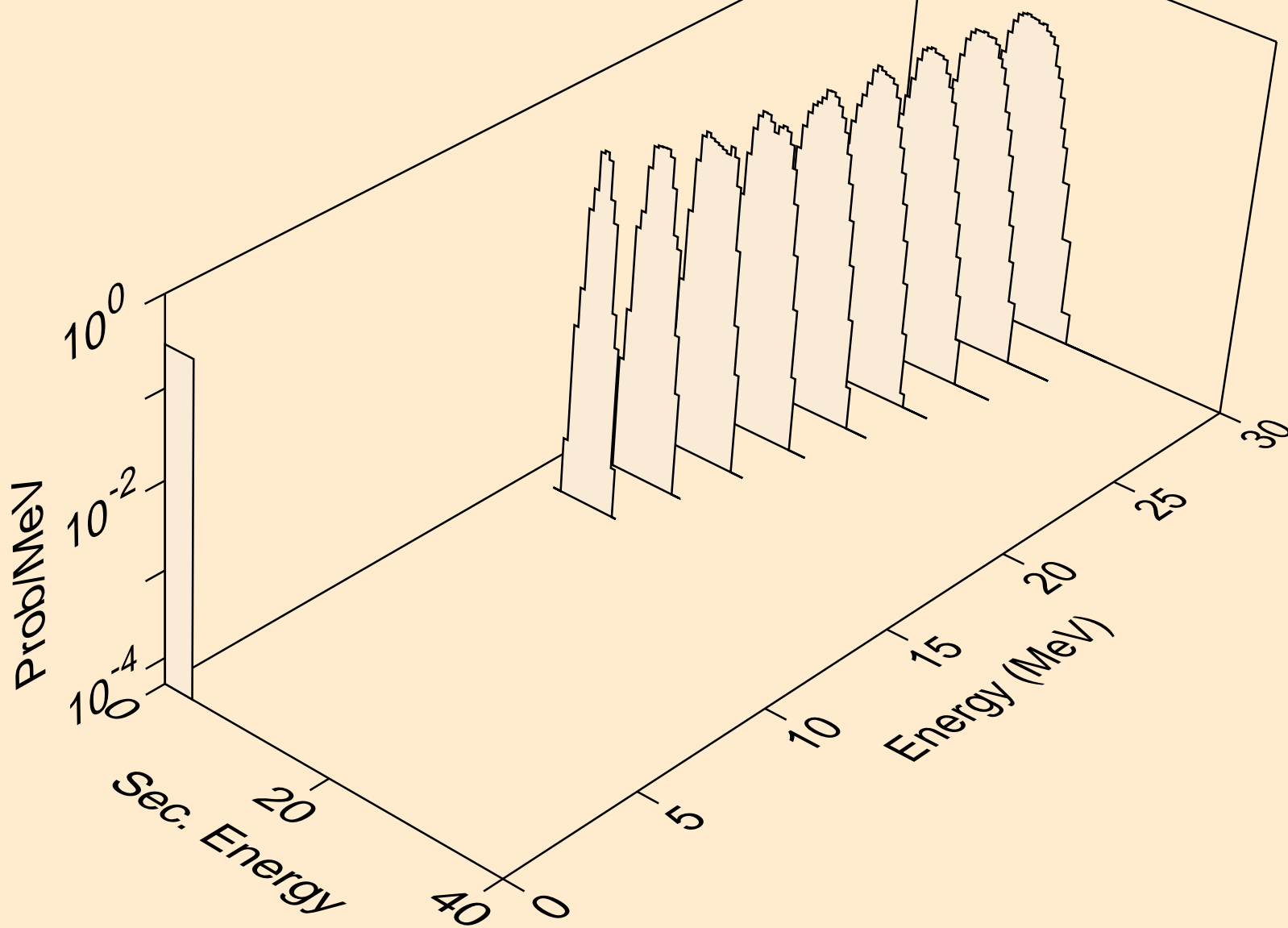
XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



XE137 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)

