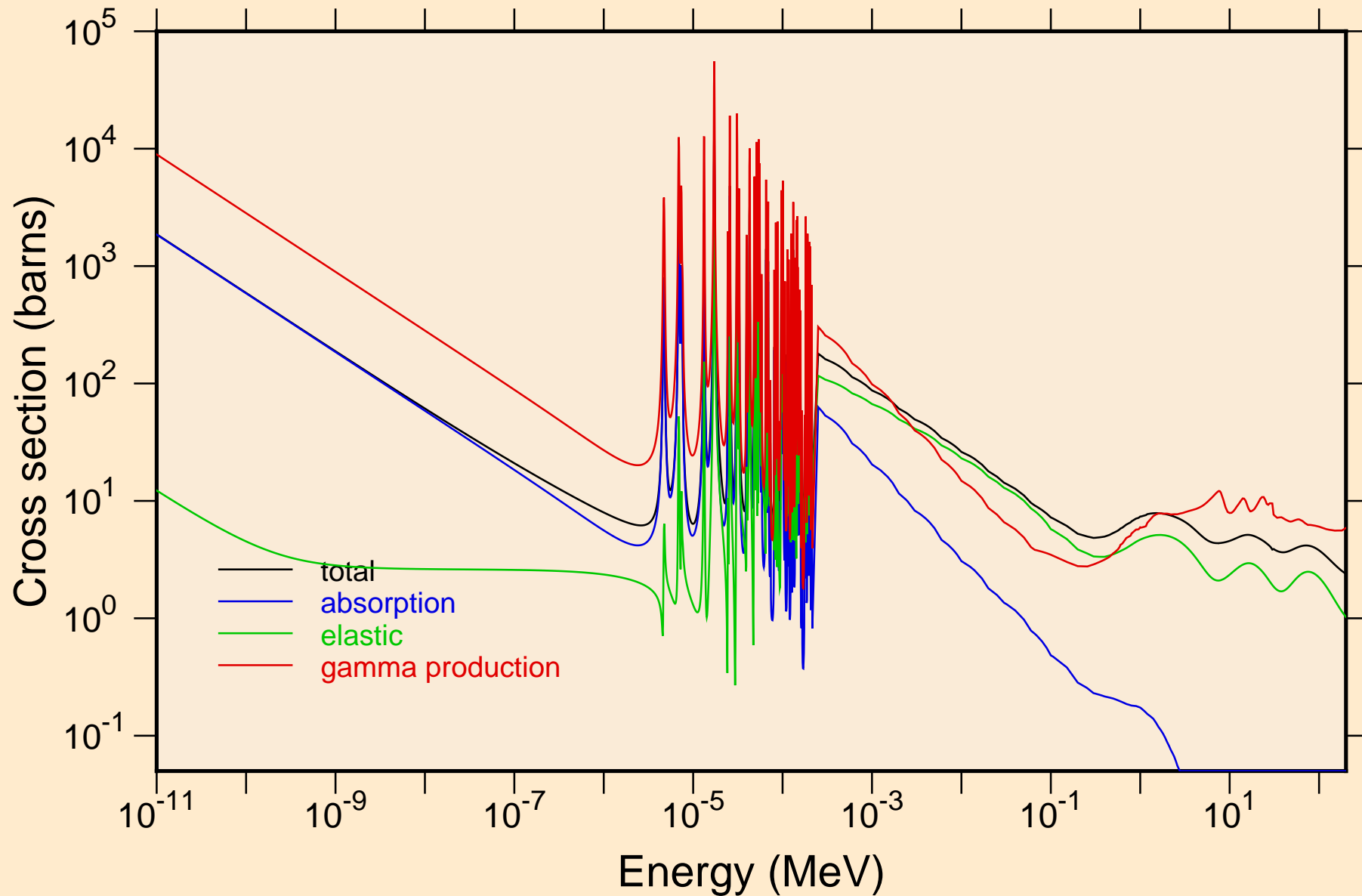
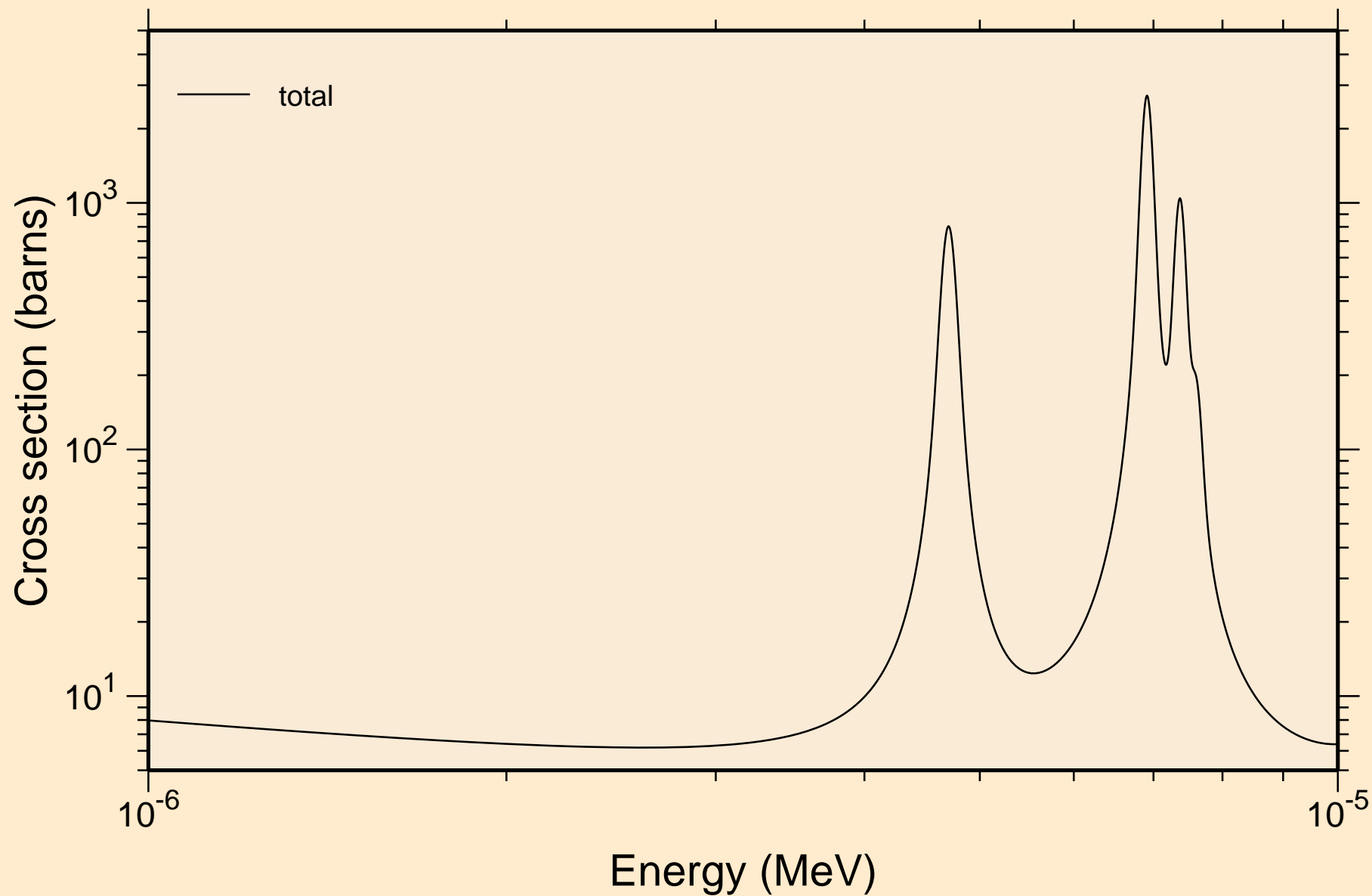


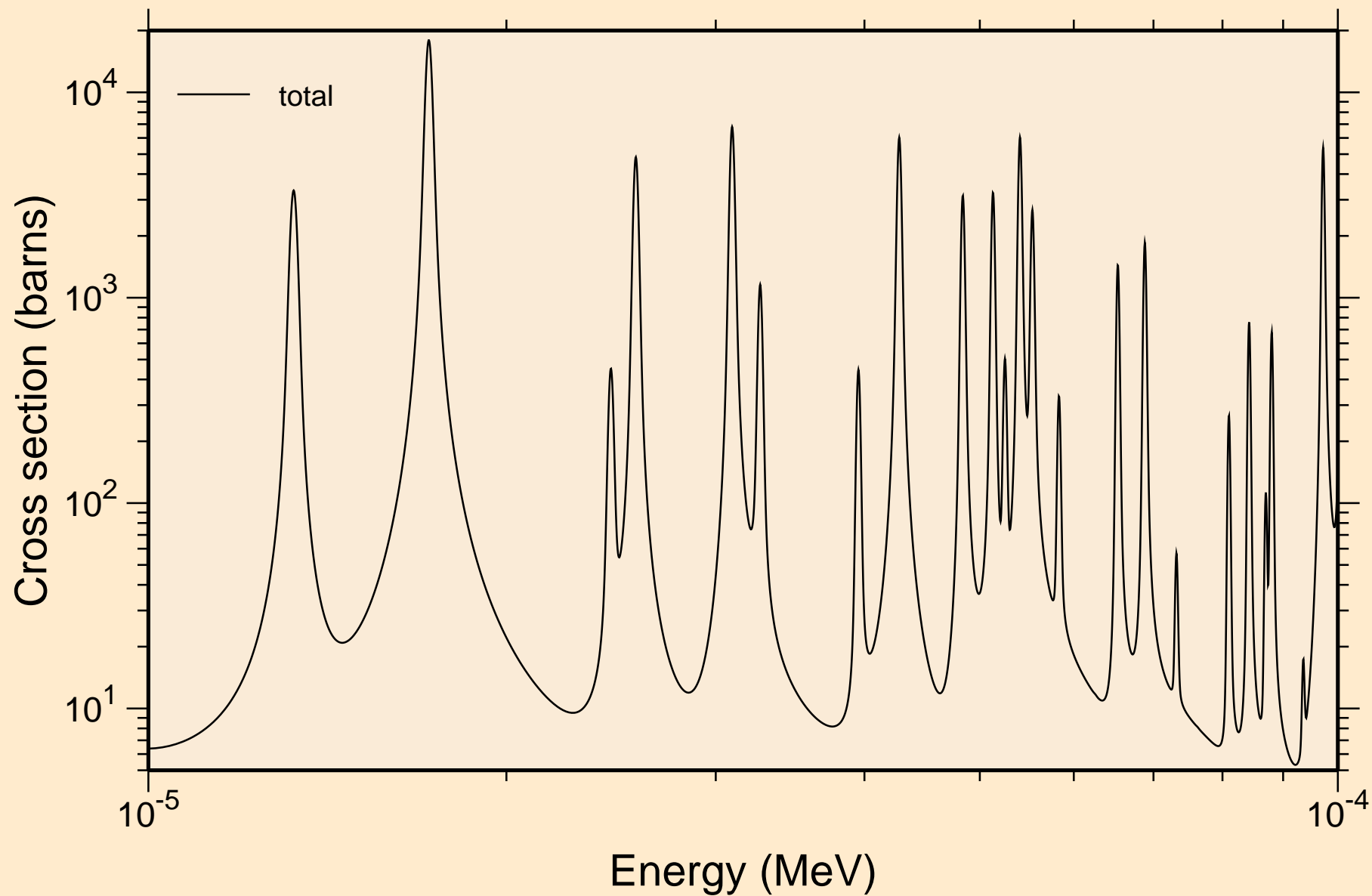
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



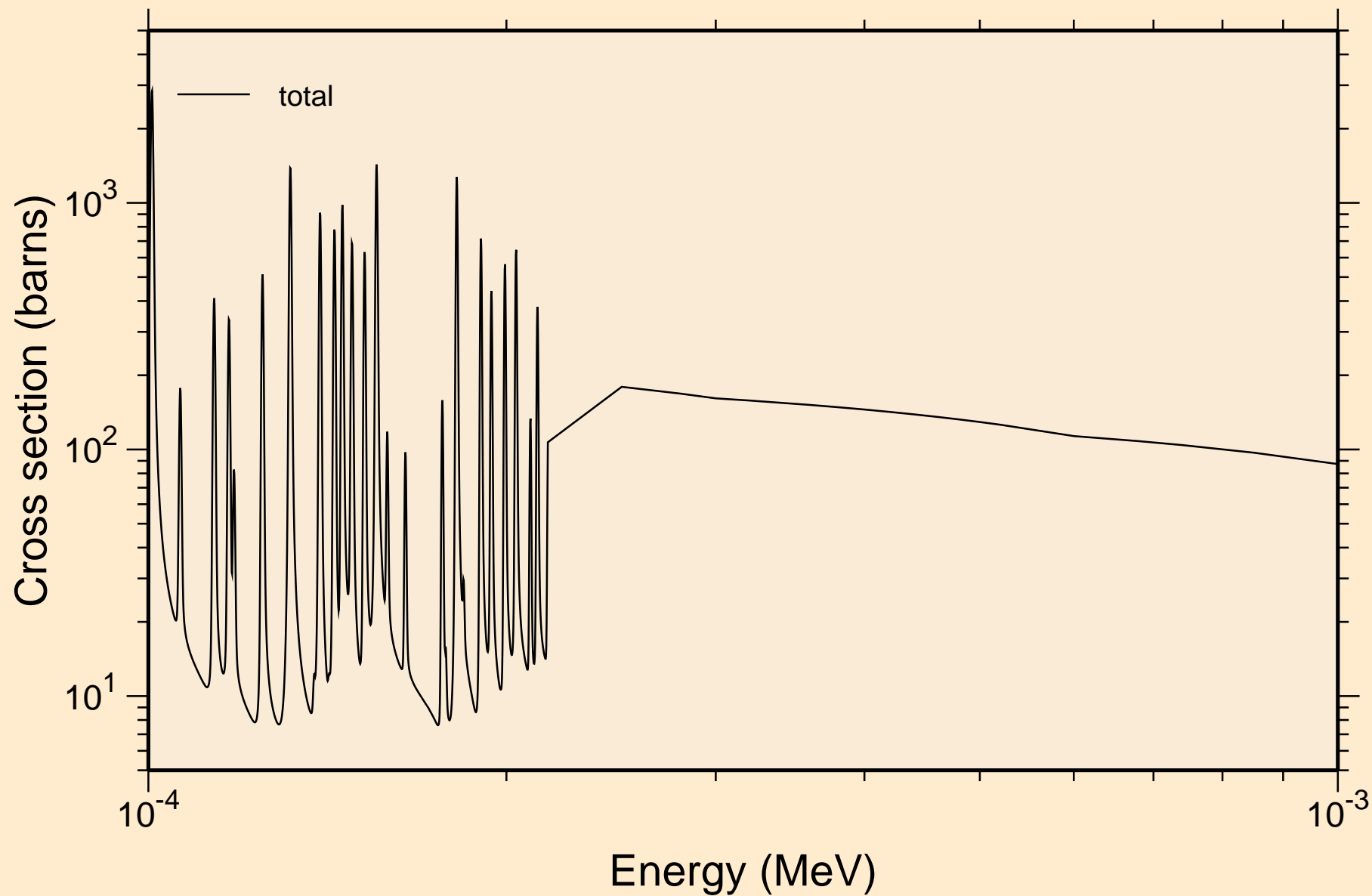
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



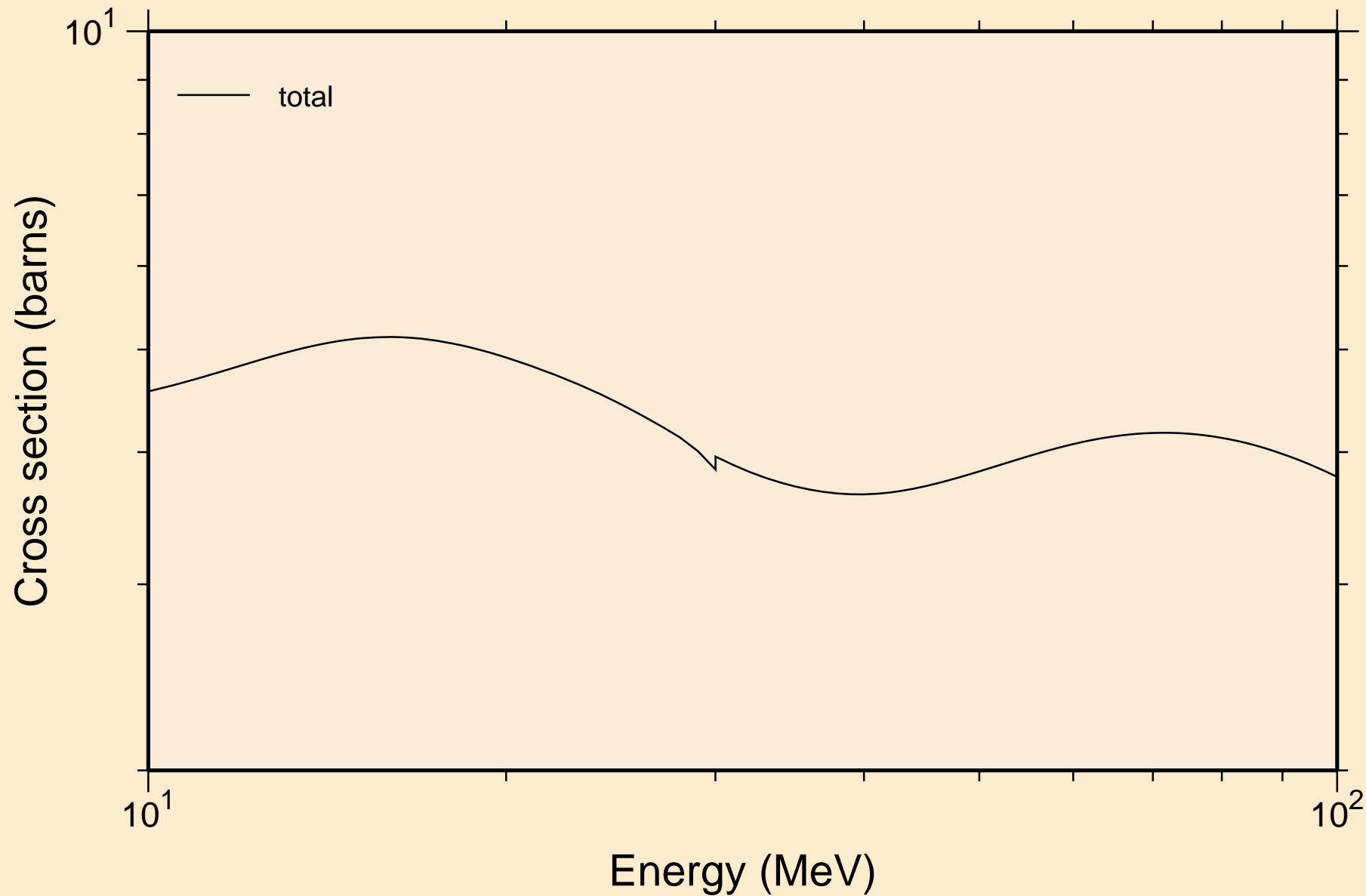
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



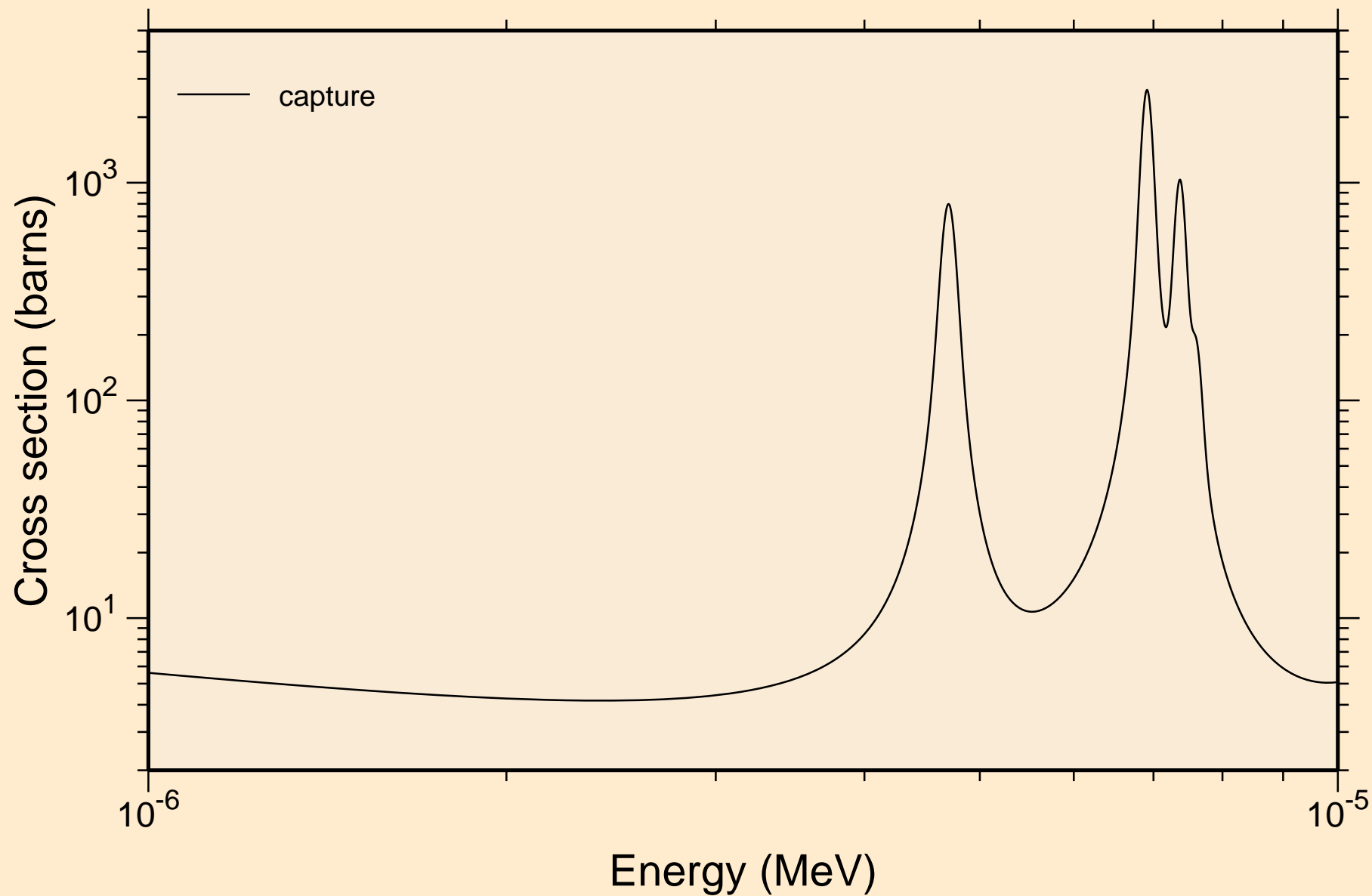
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



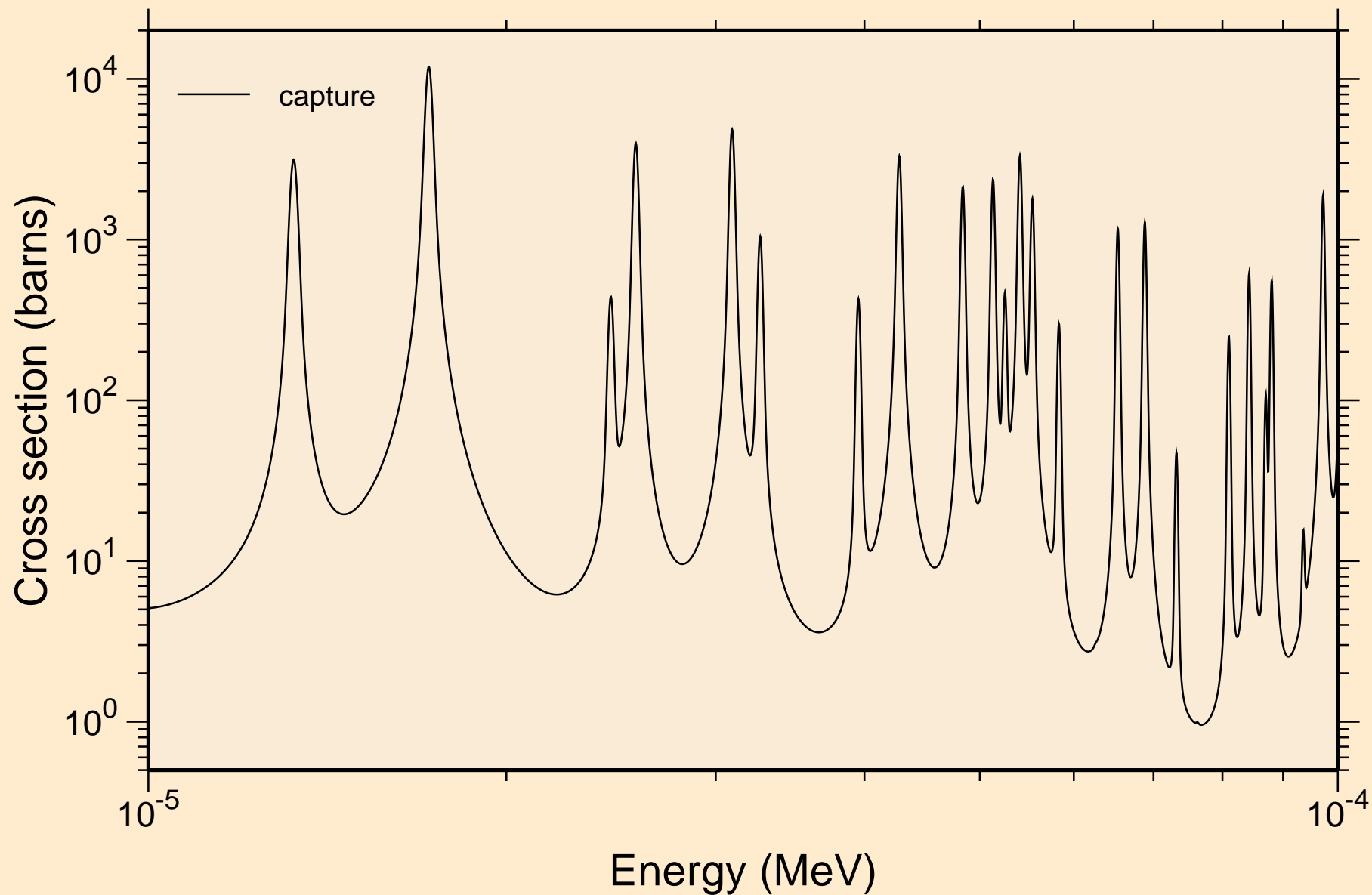
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



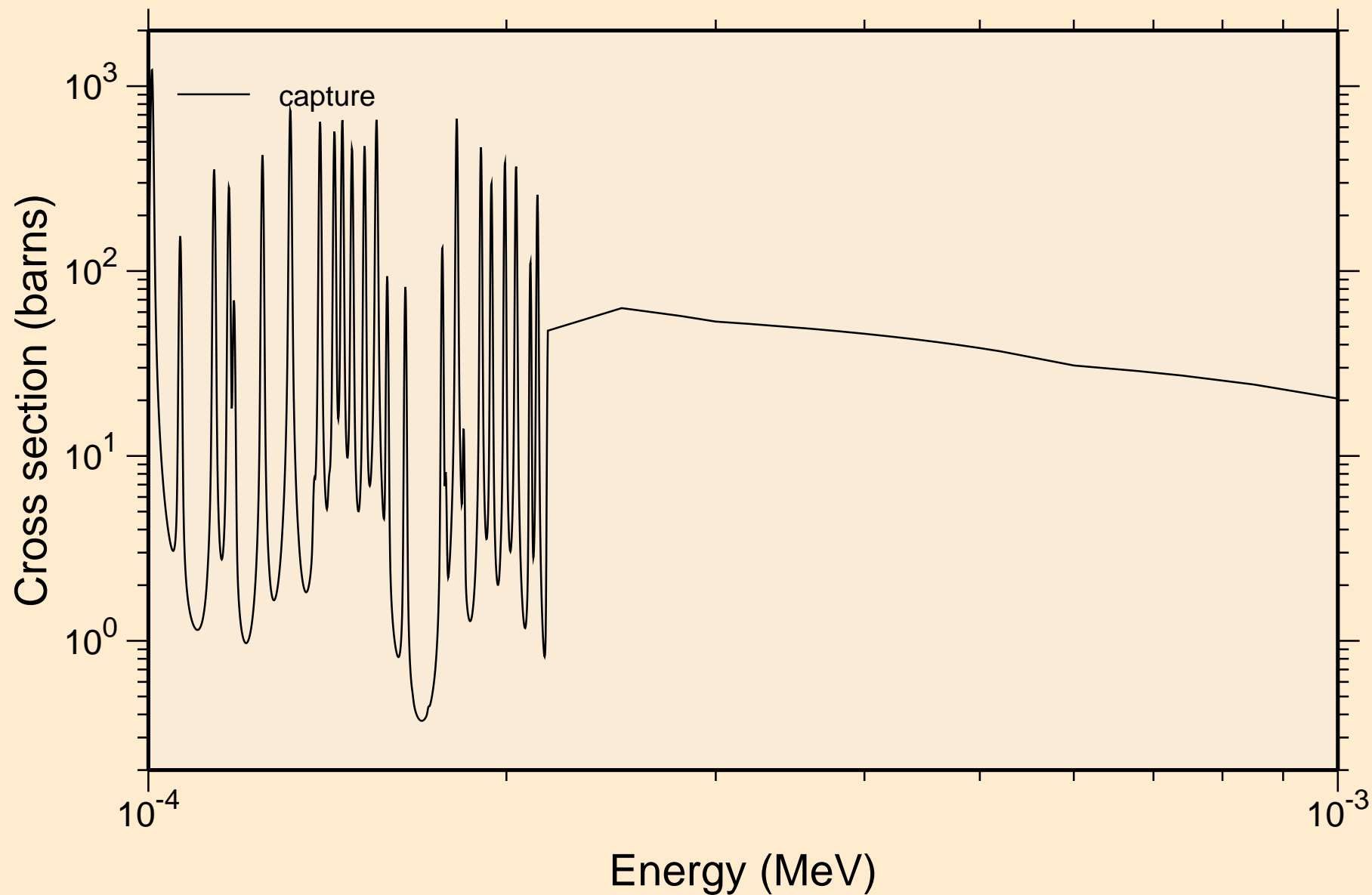
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

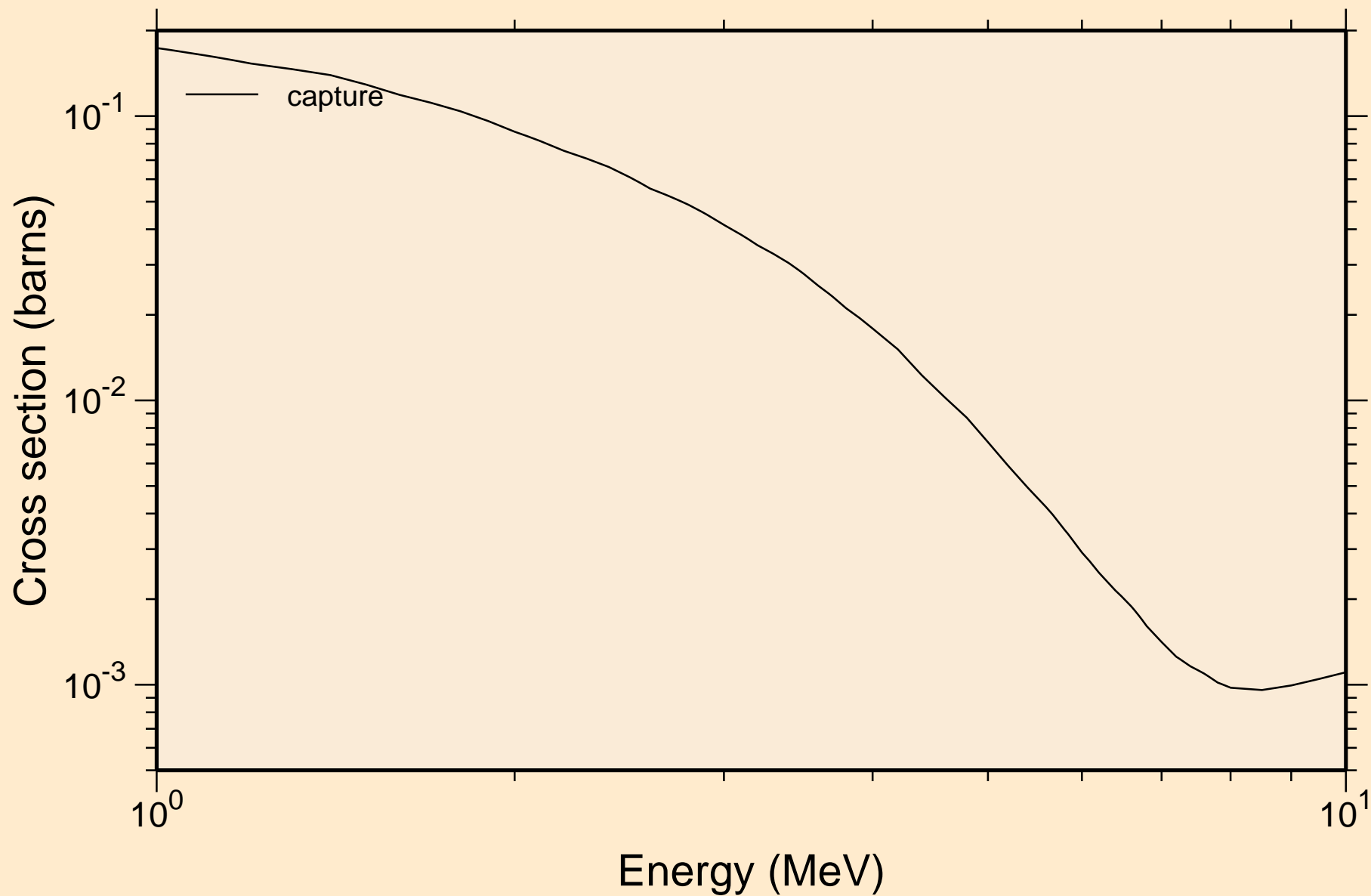


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

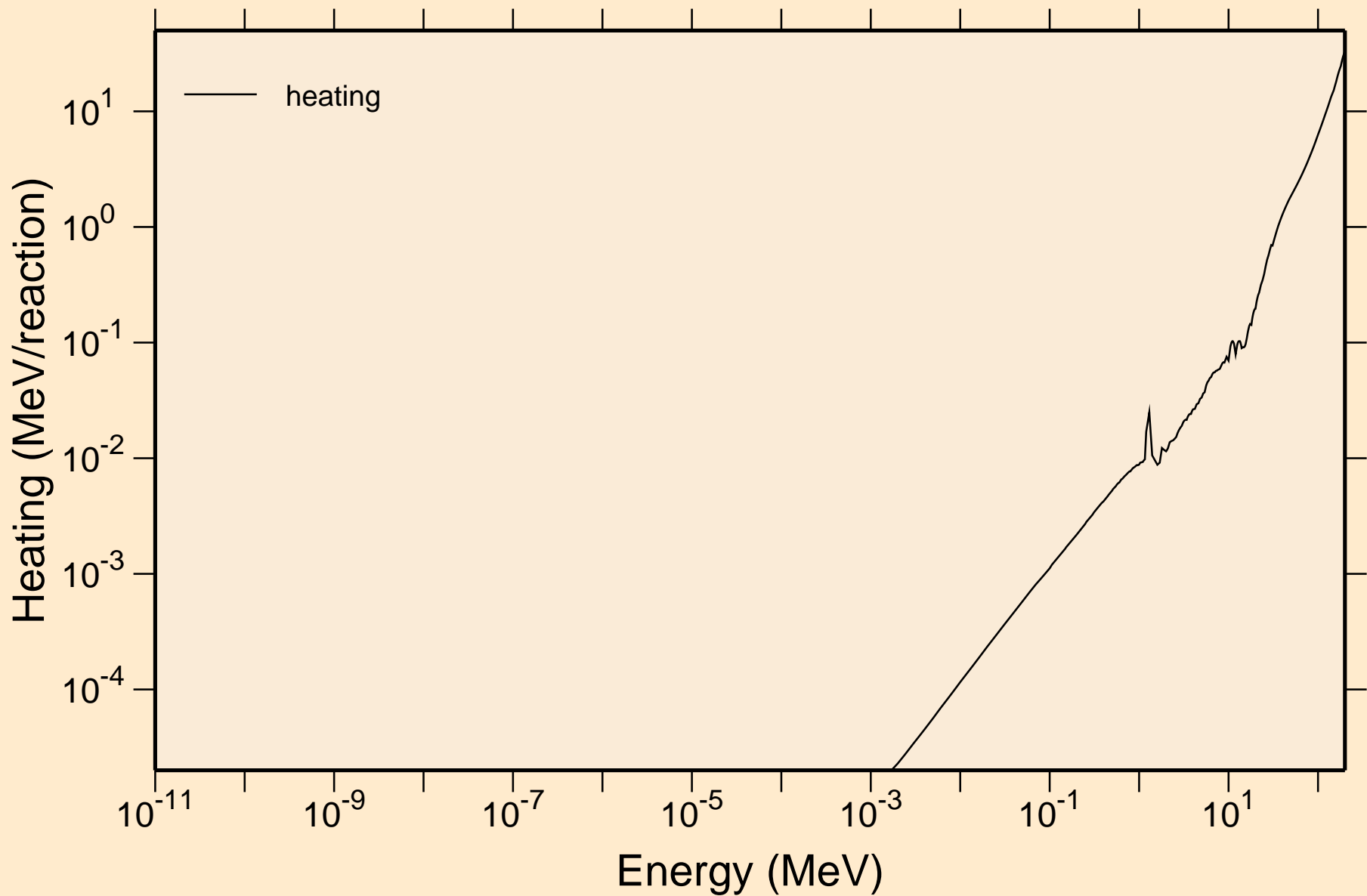




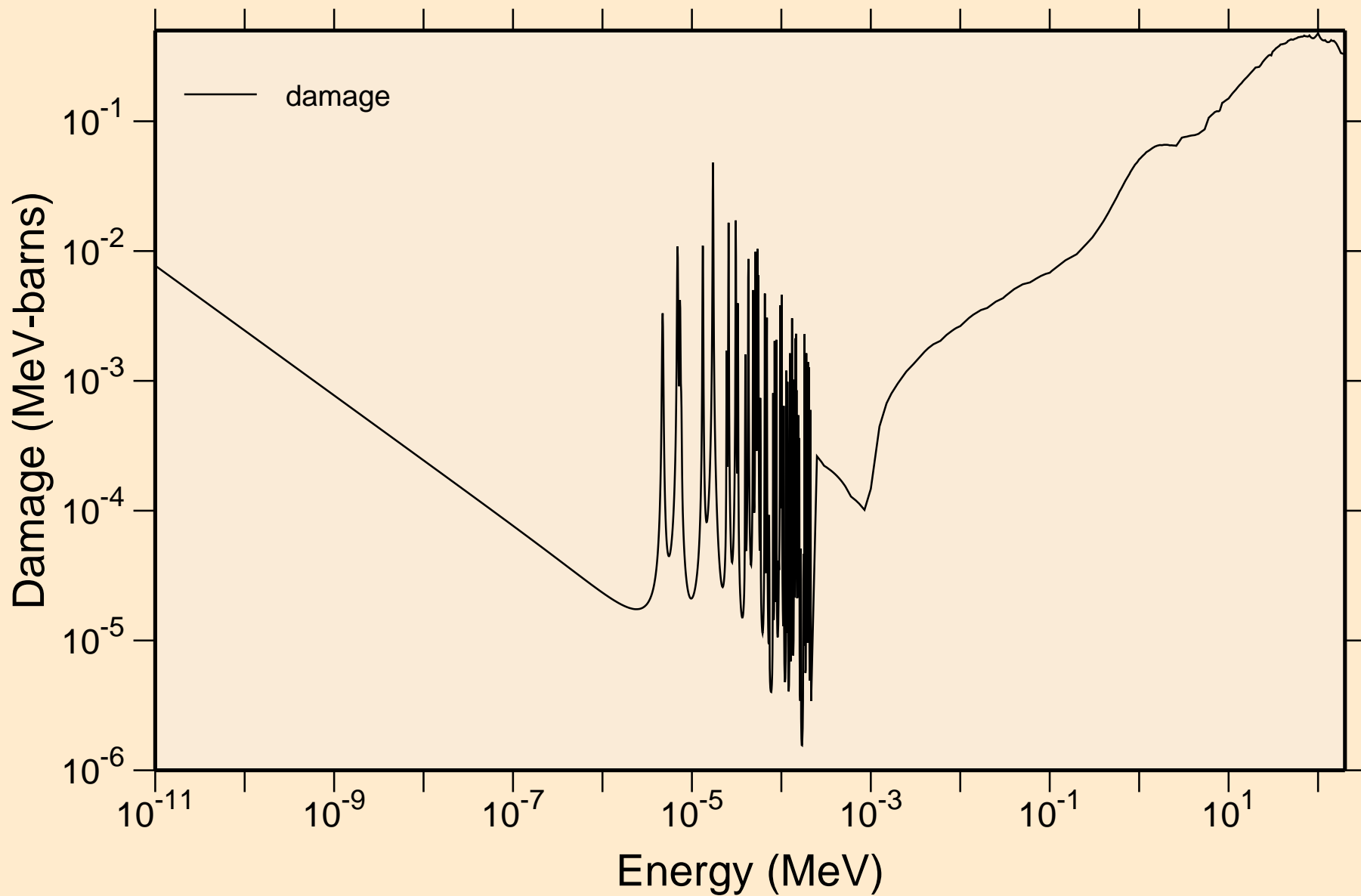
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



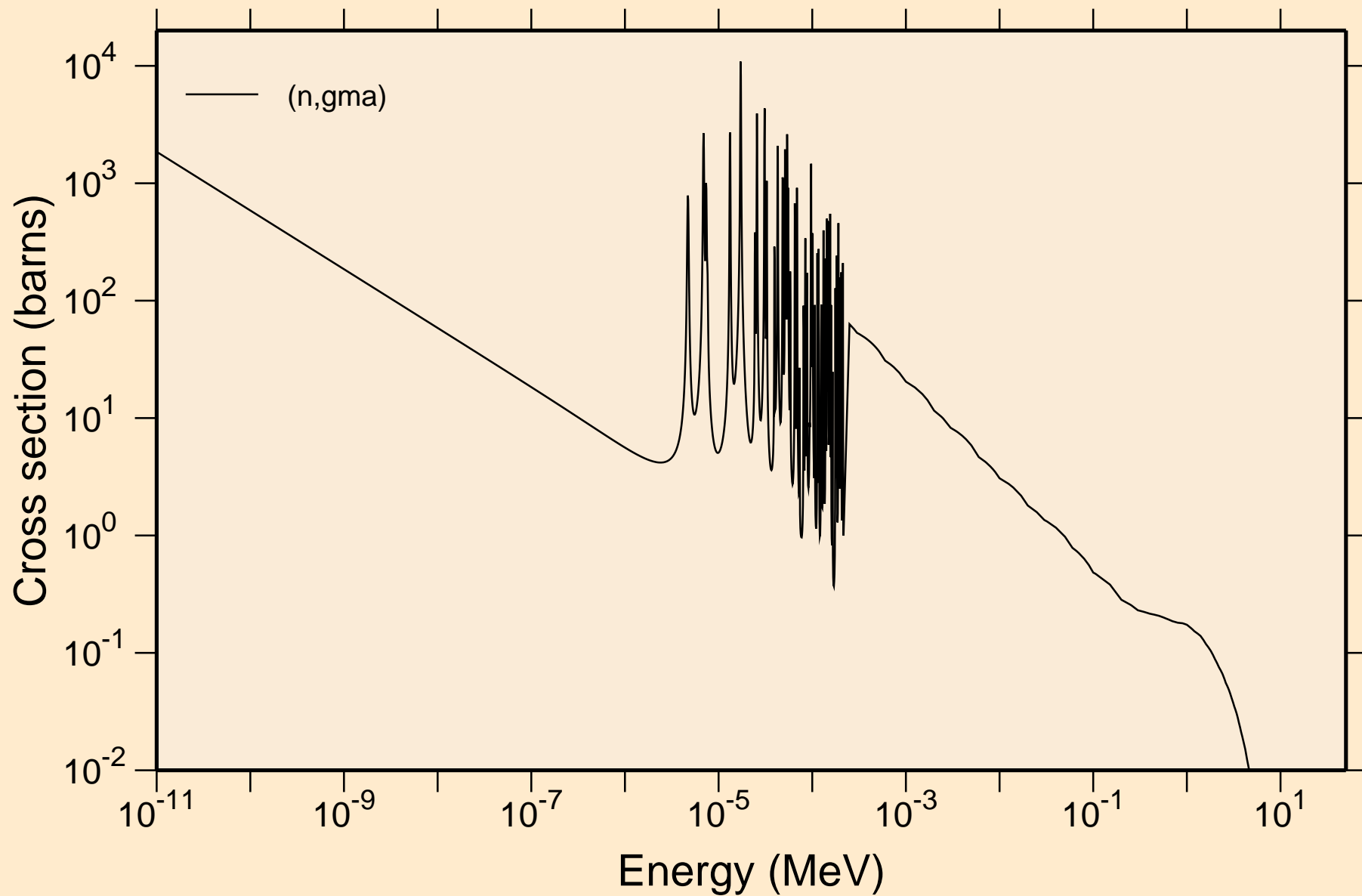
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



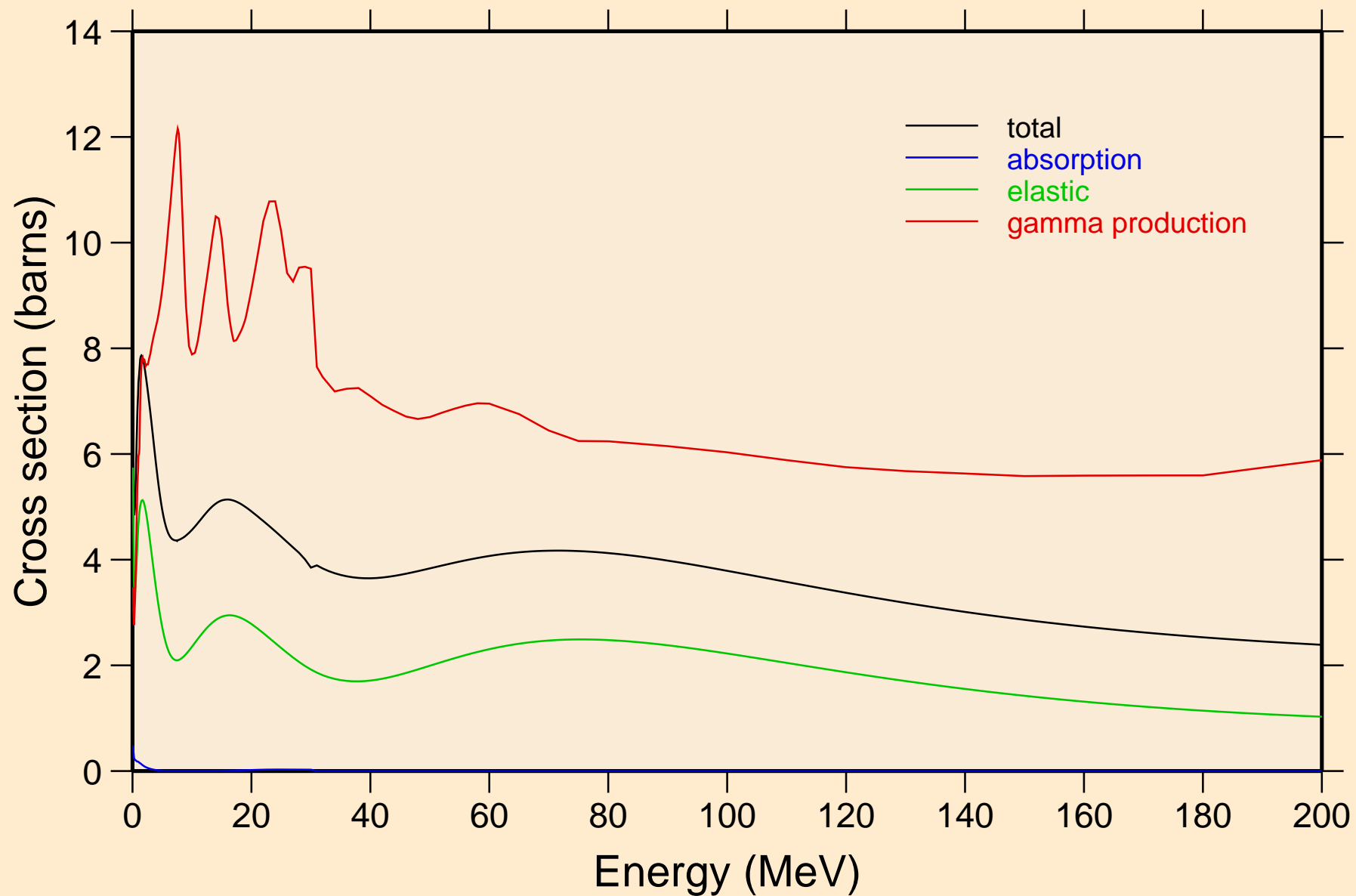
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



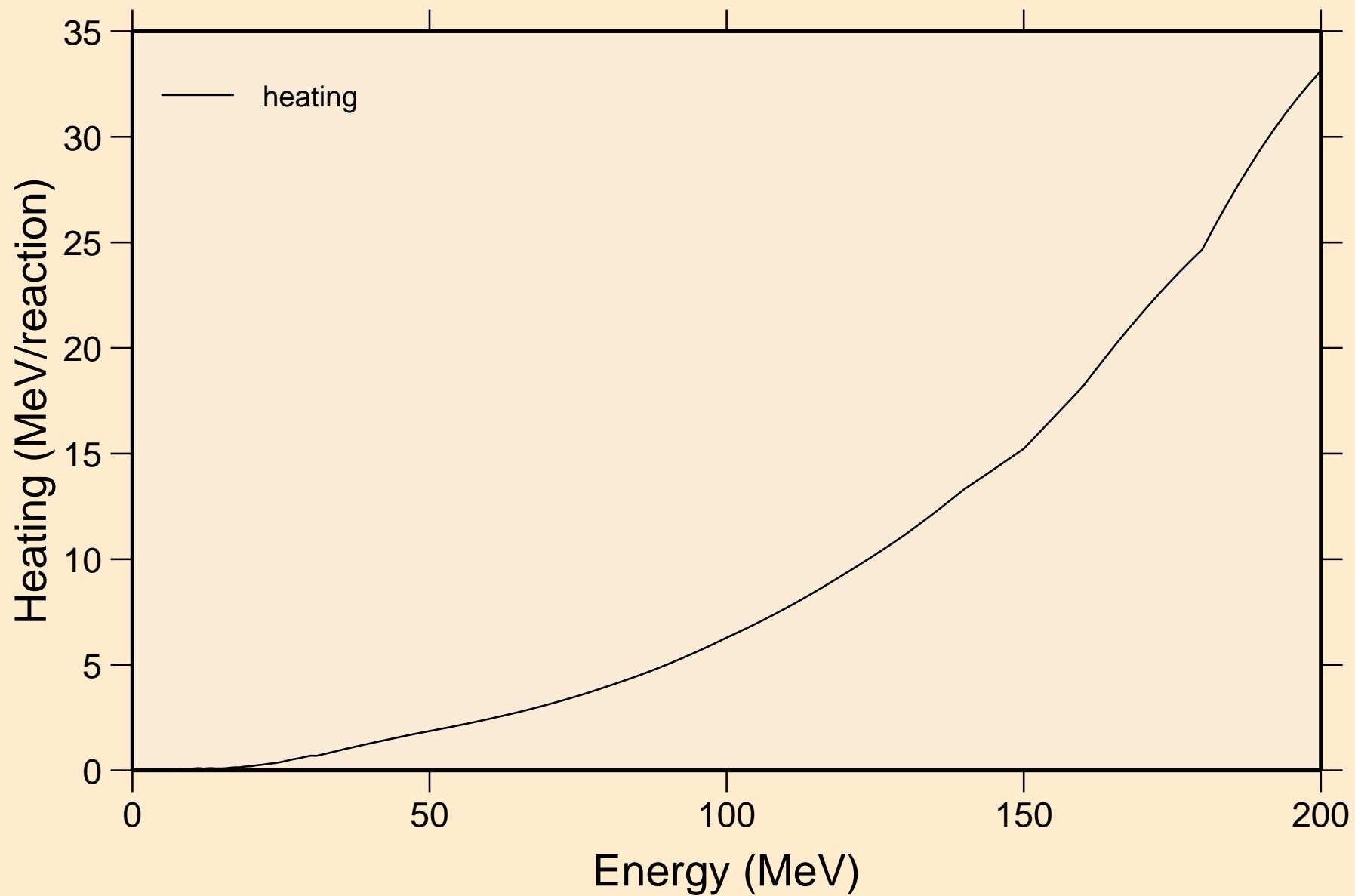
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



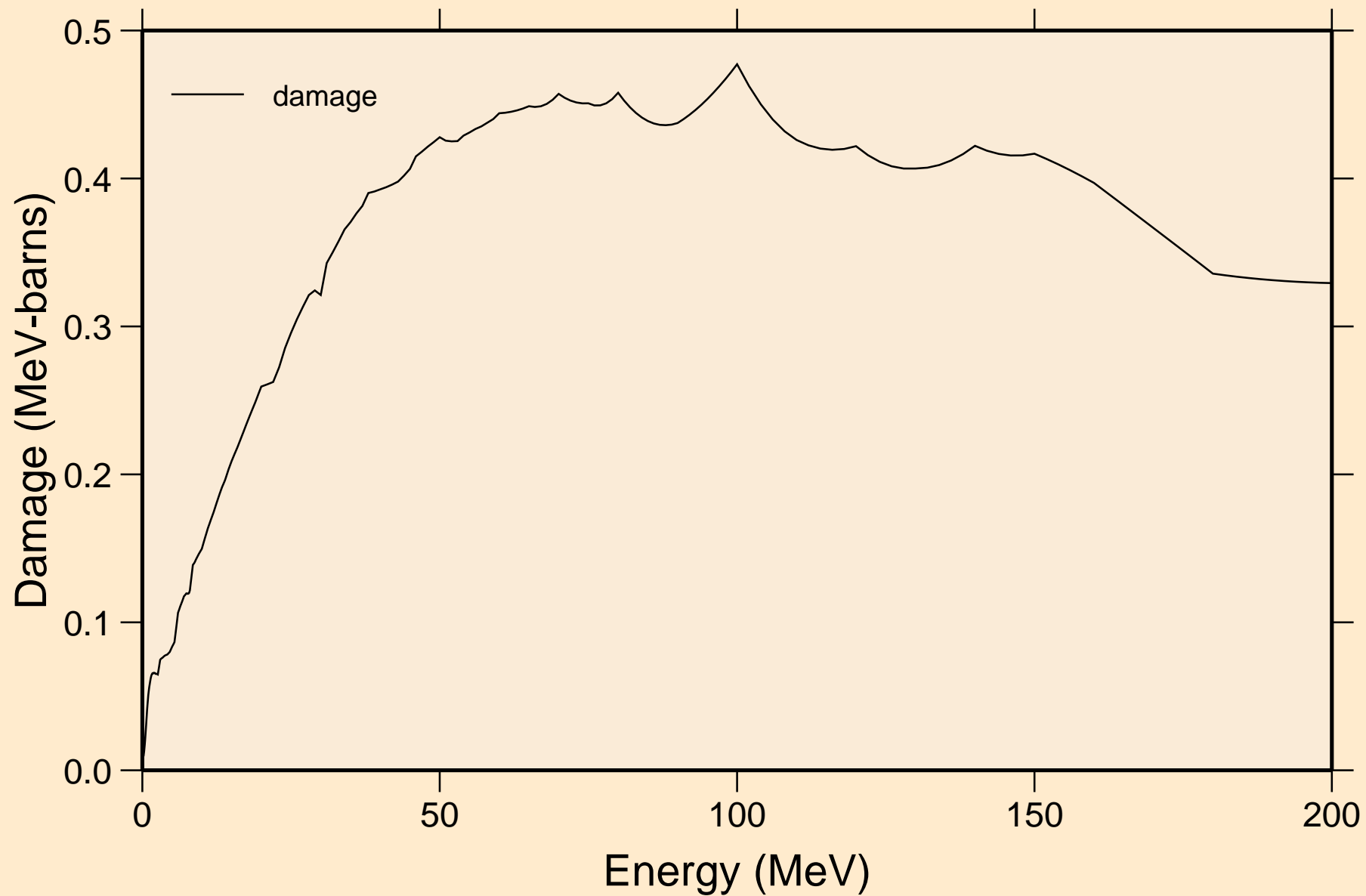
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



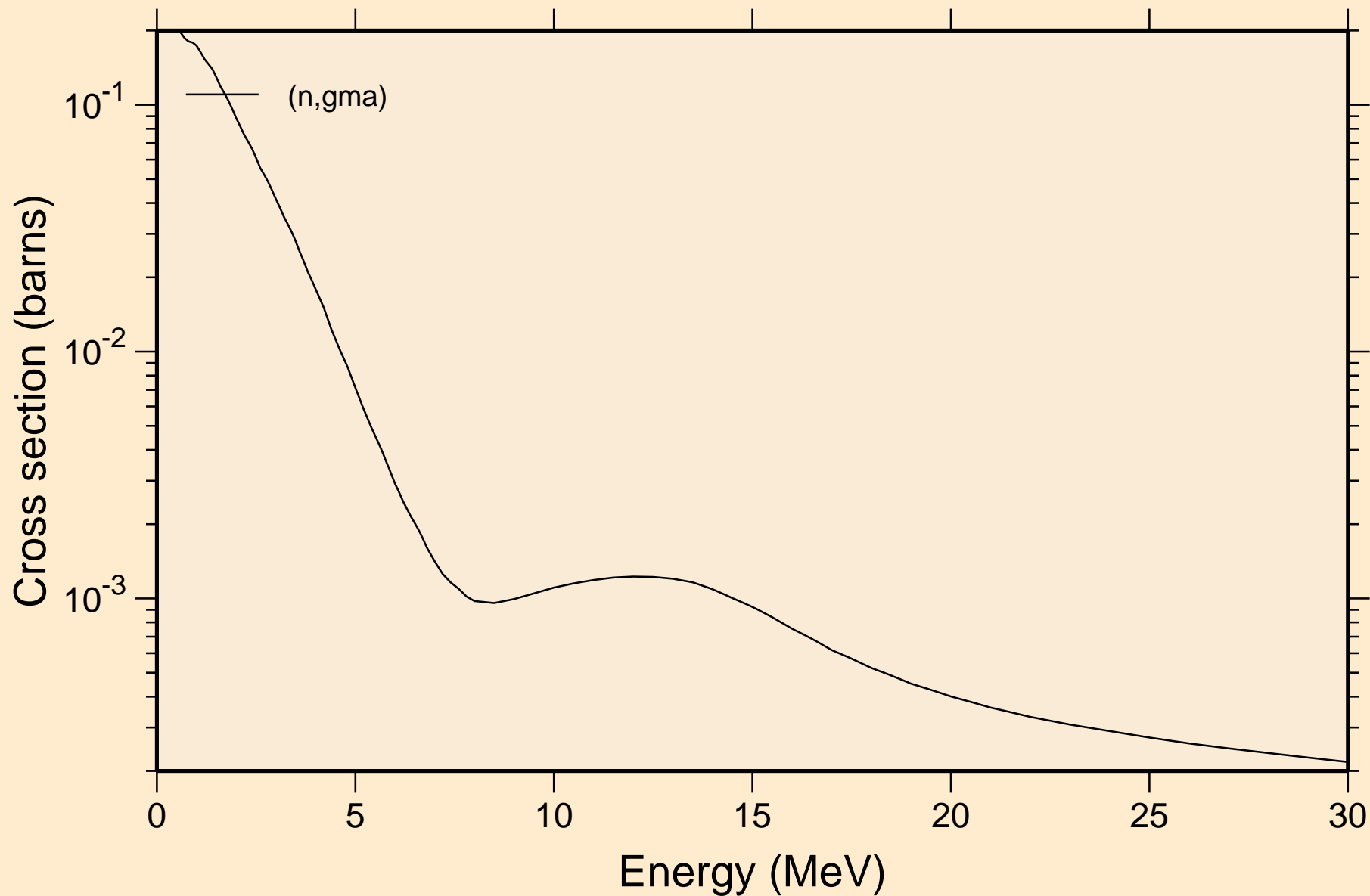
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

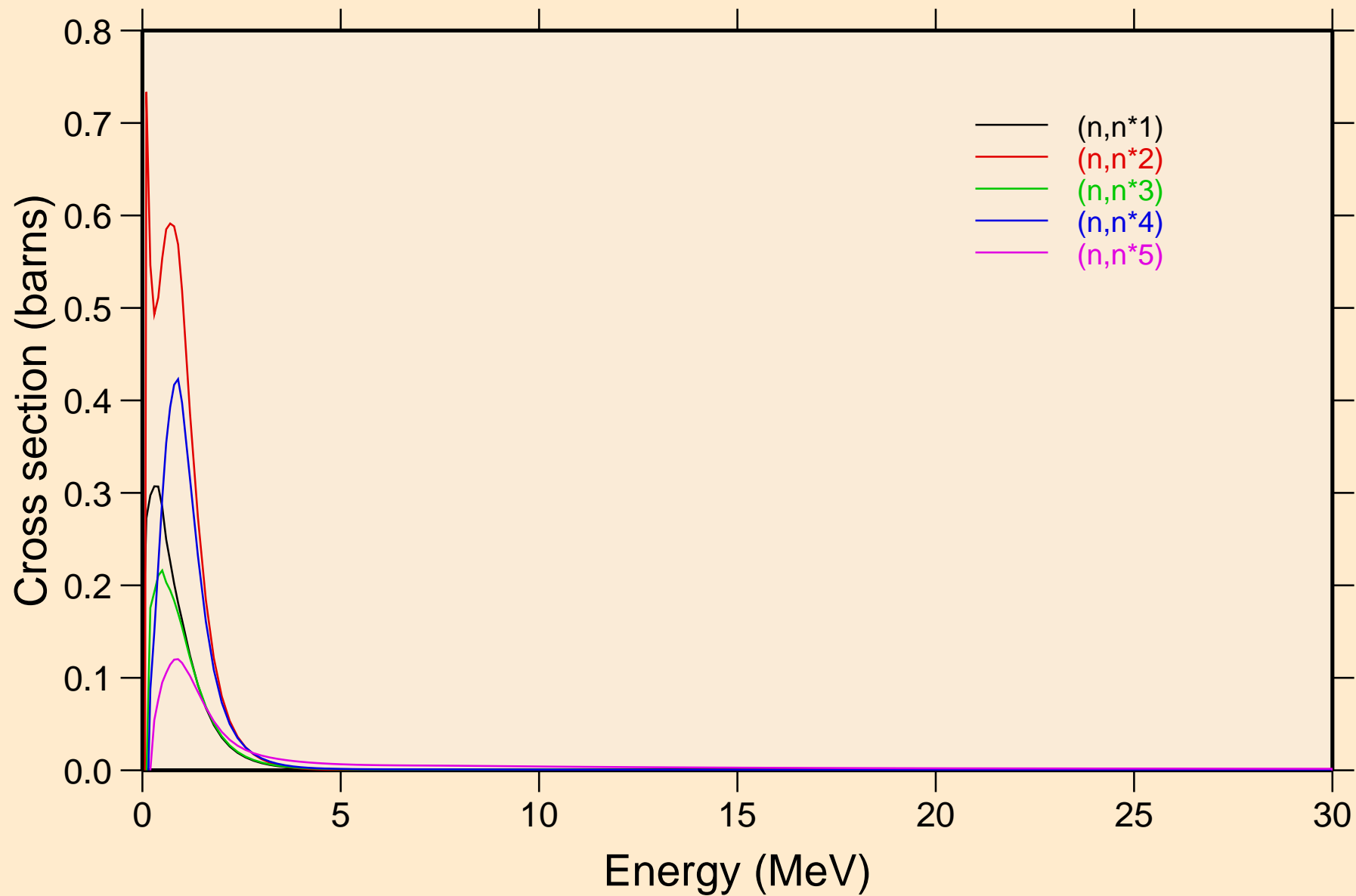


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

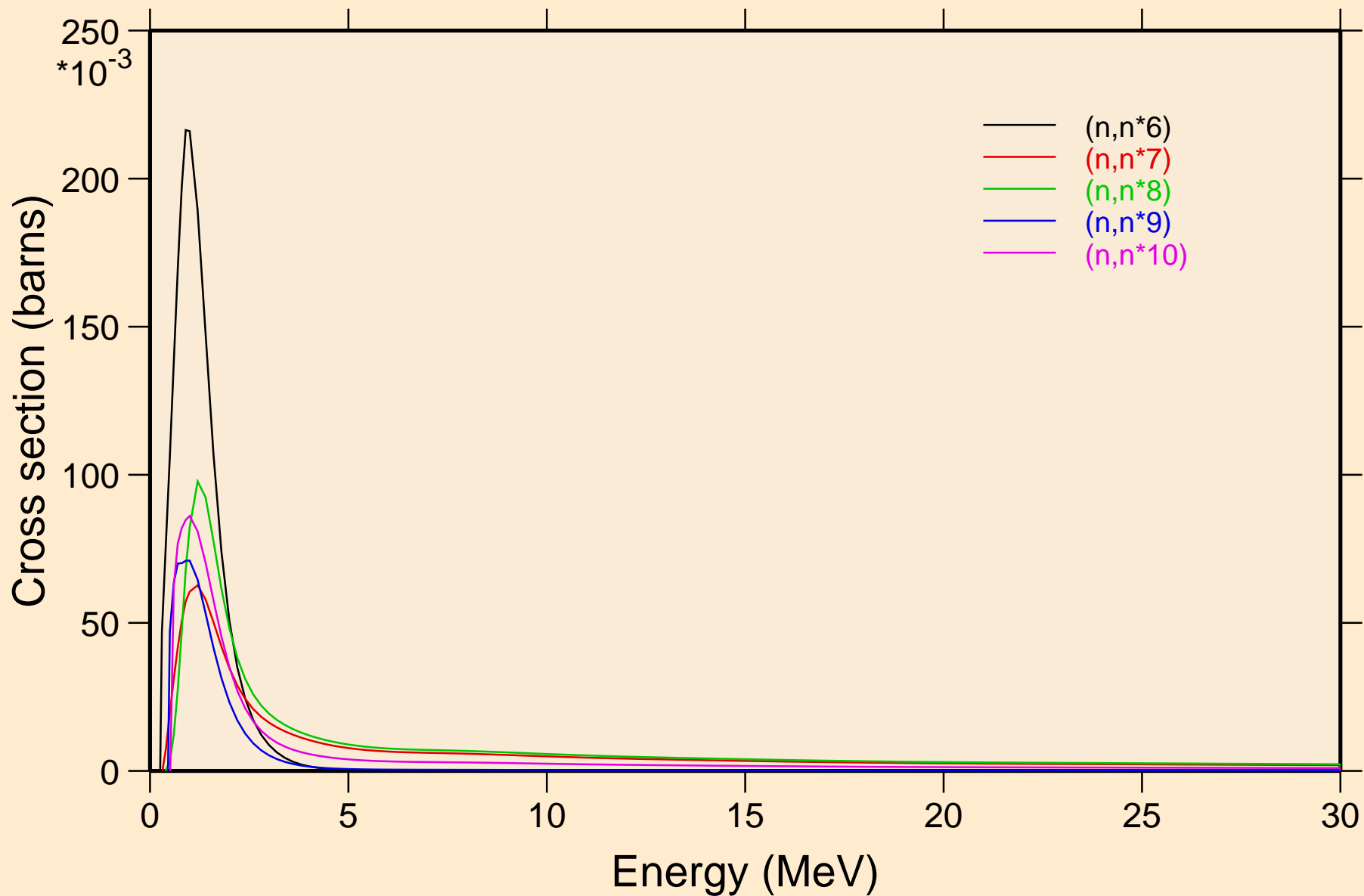




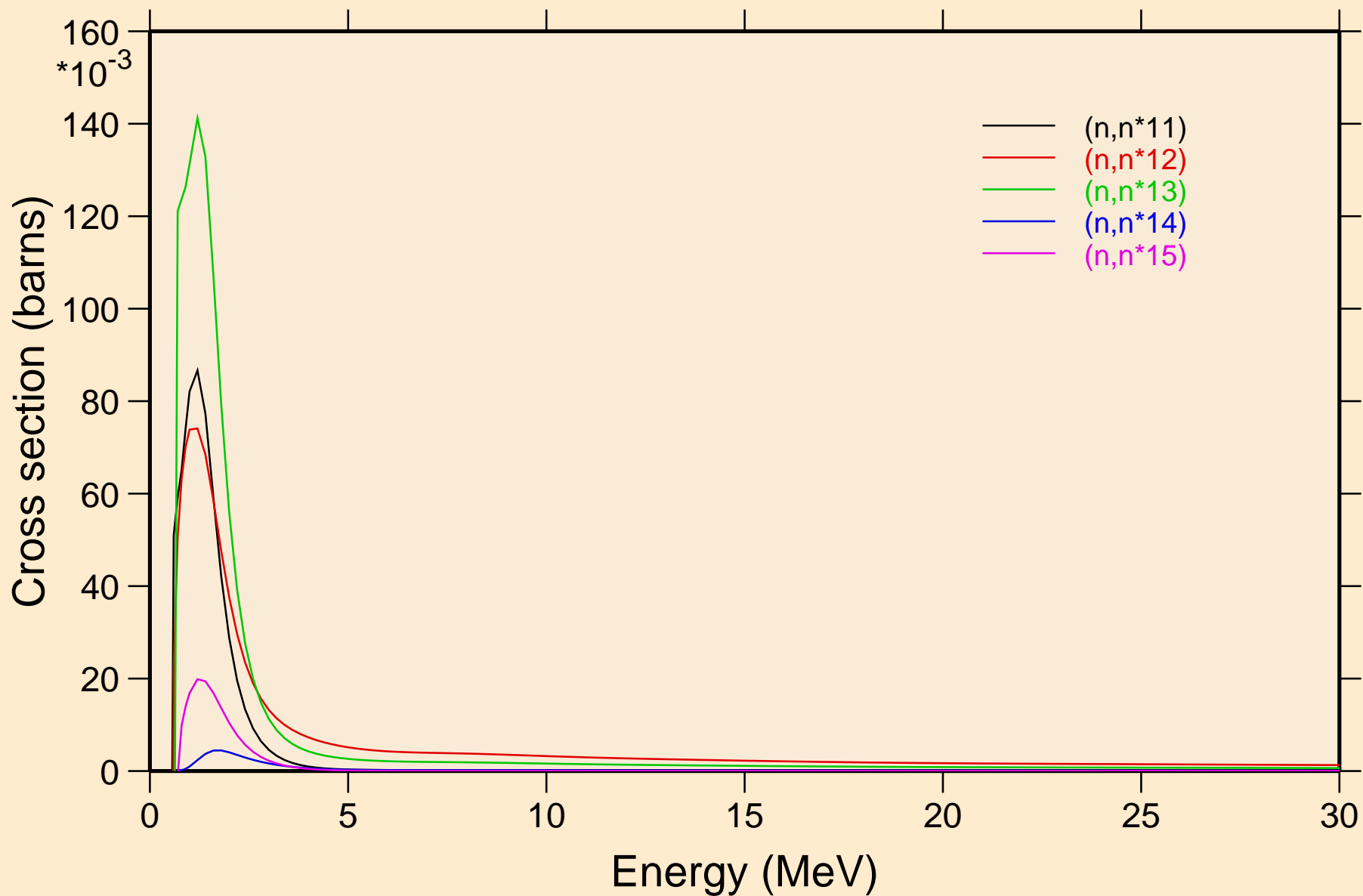
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



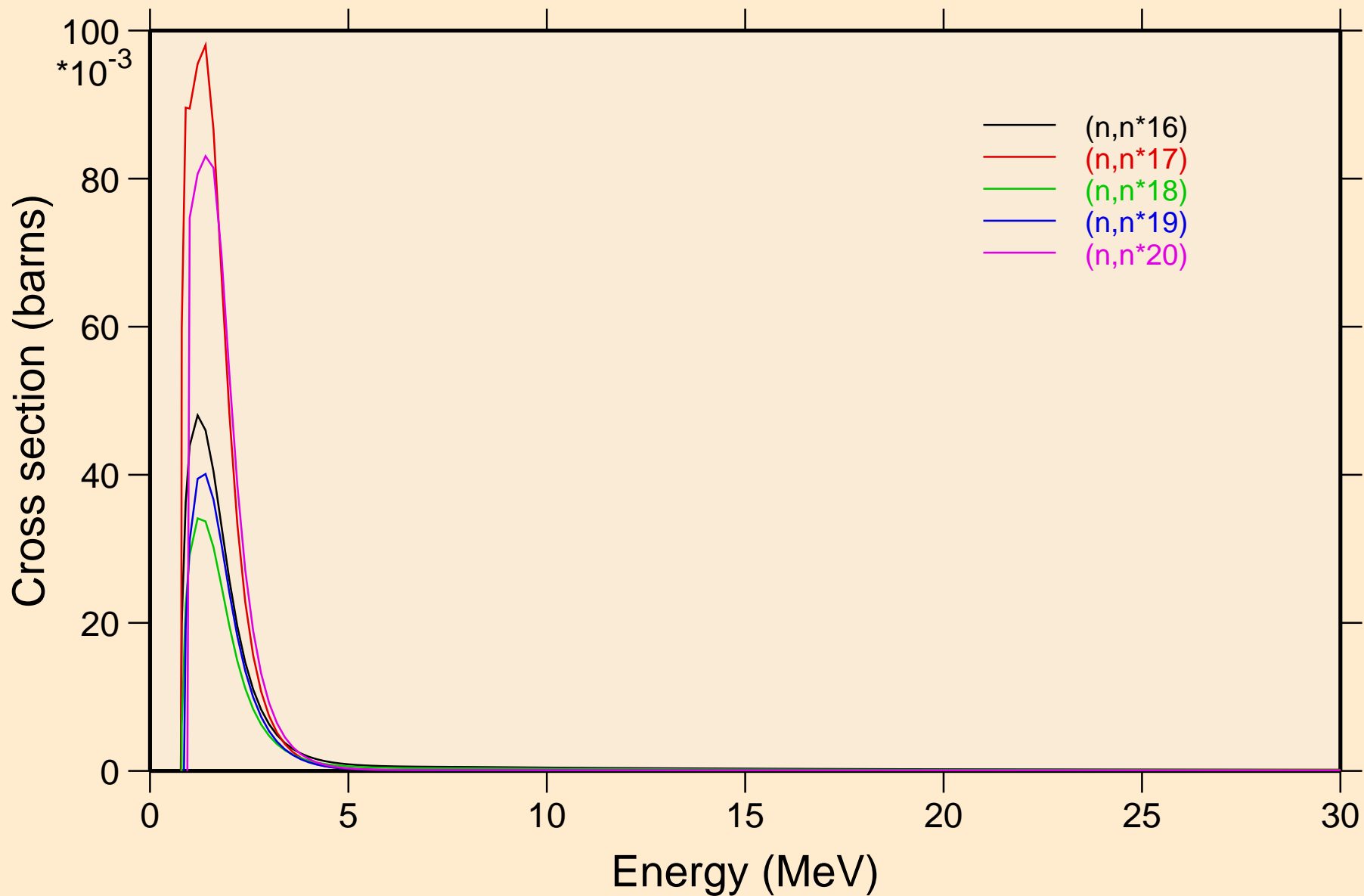
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



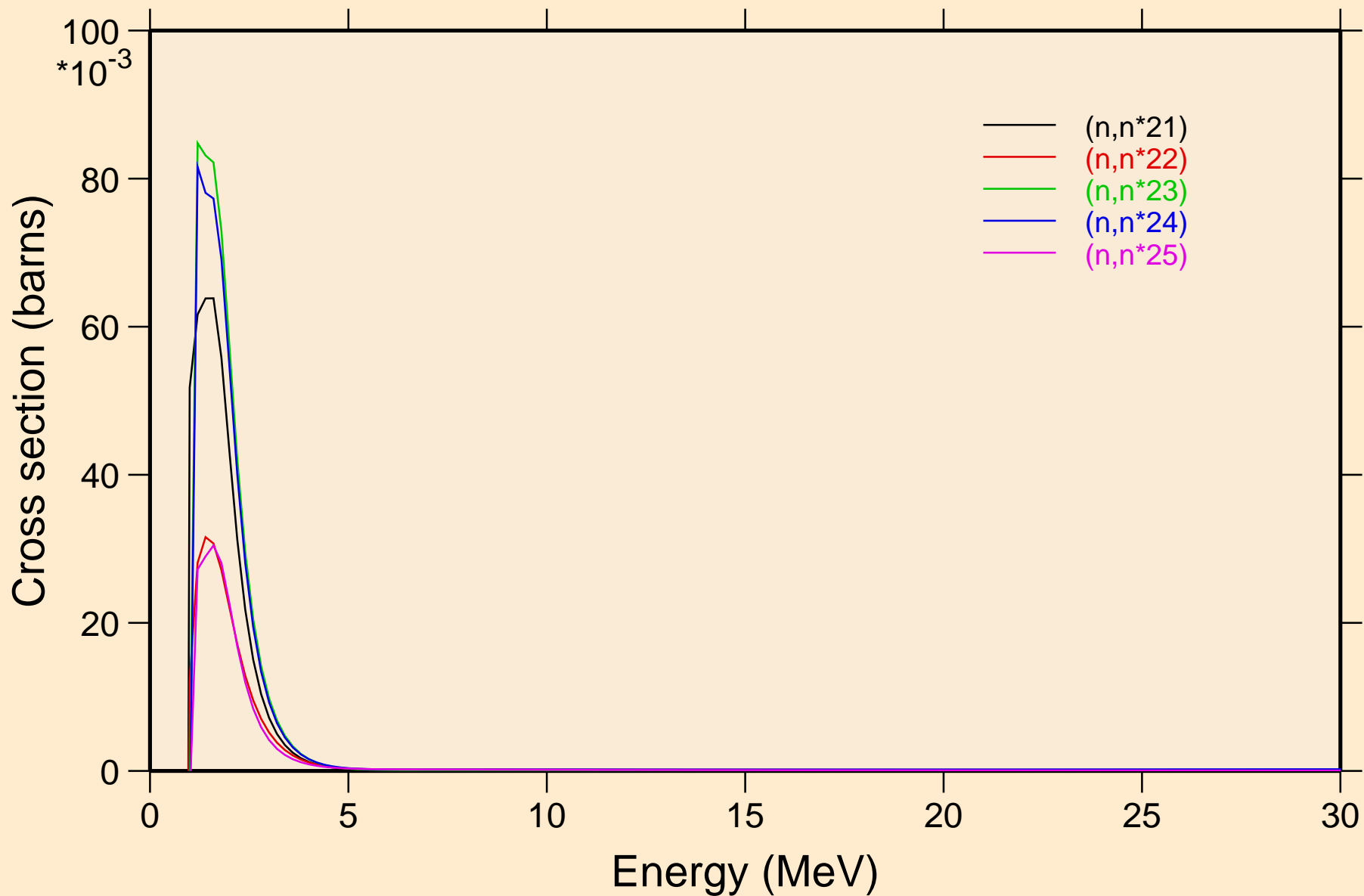
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



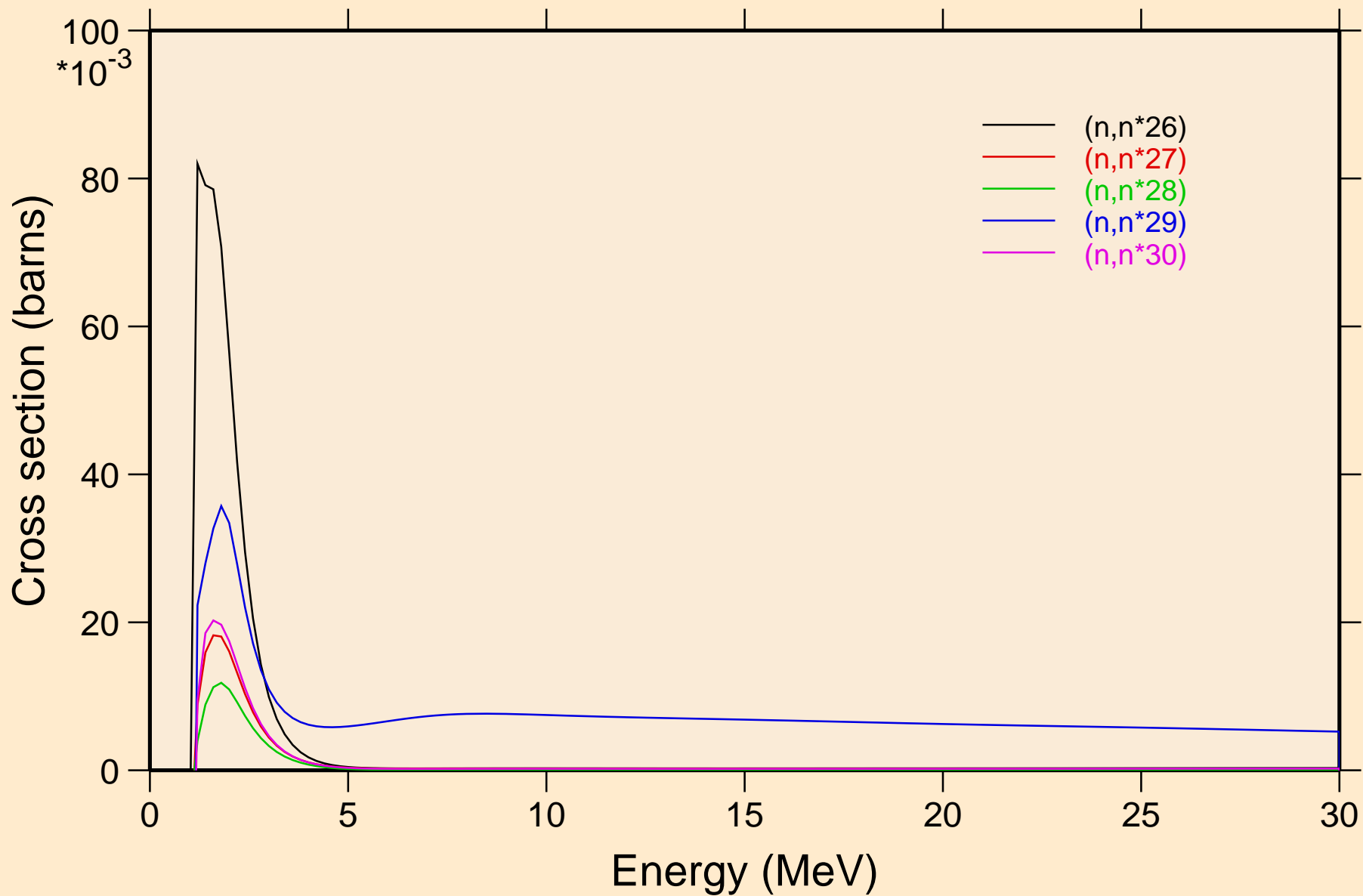
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



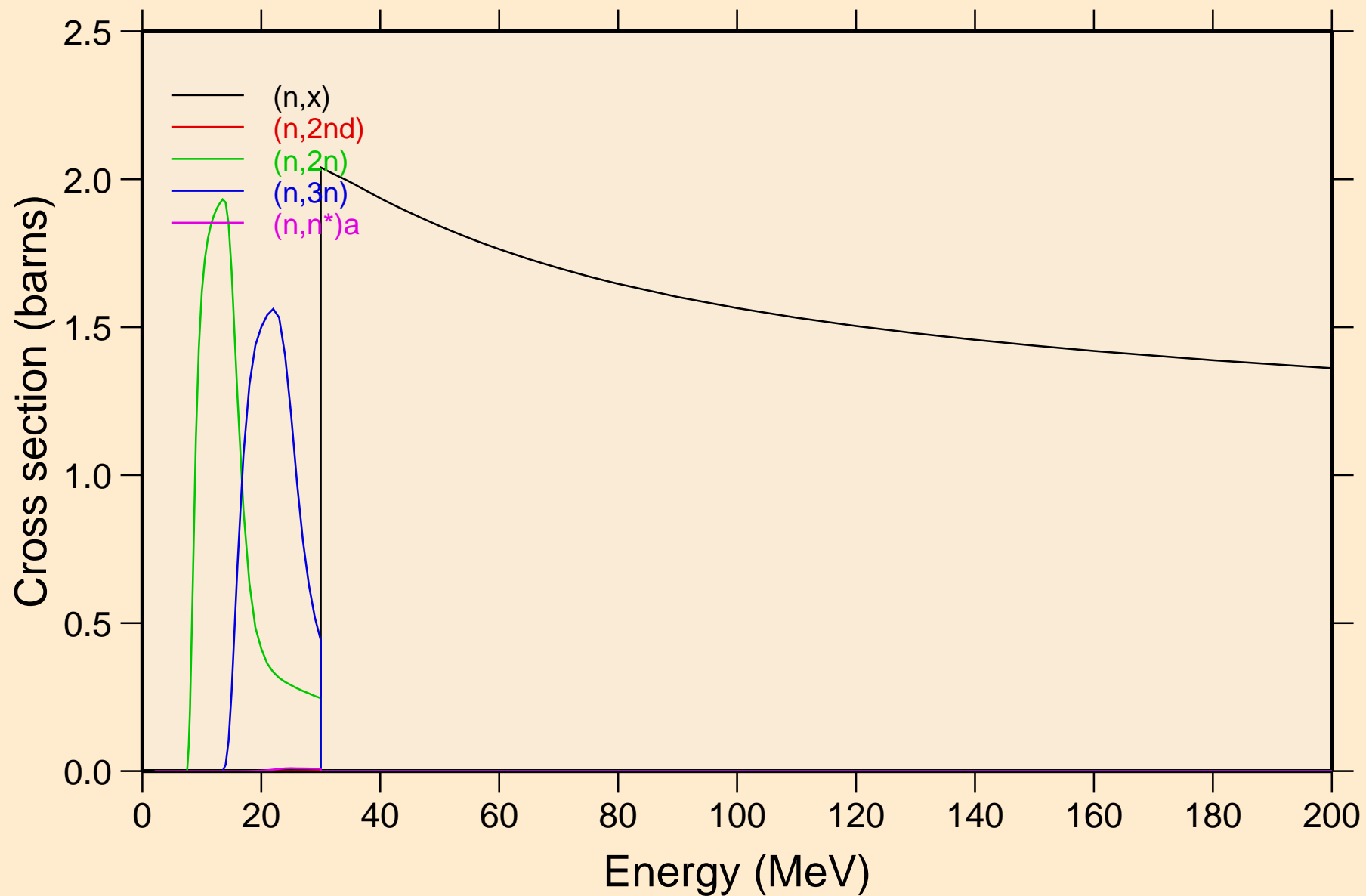
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



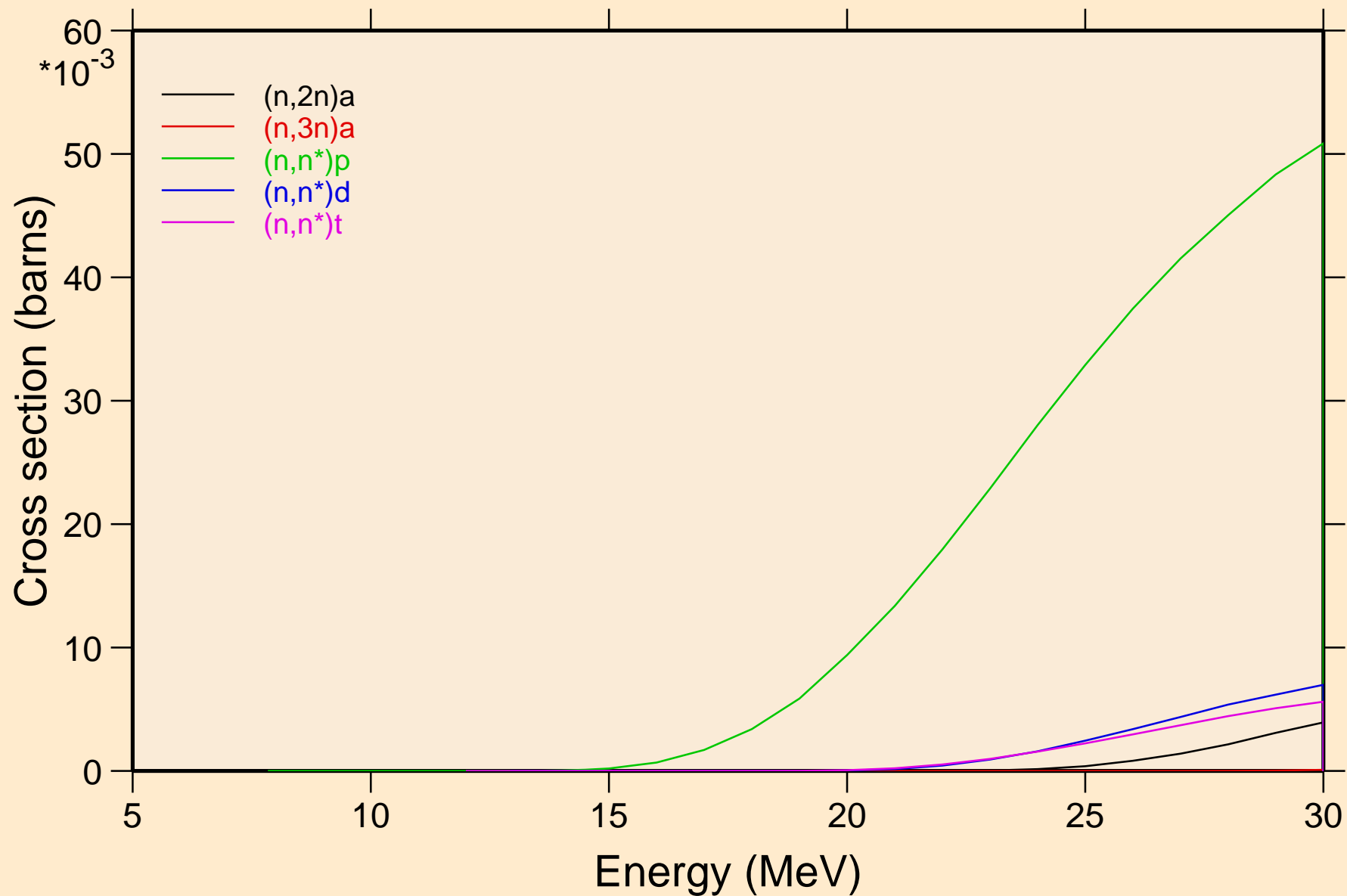
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

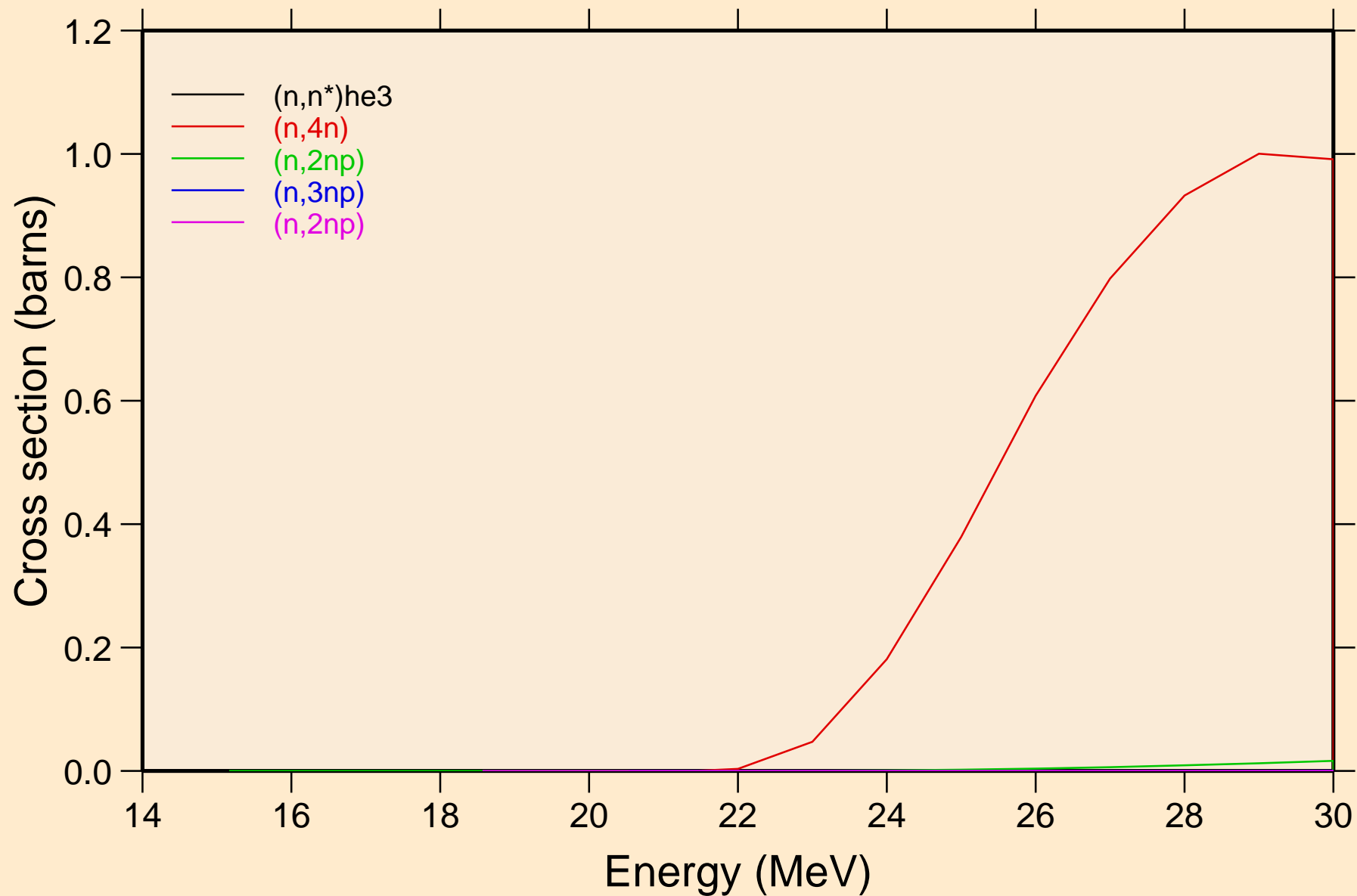


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

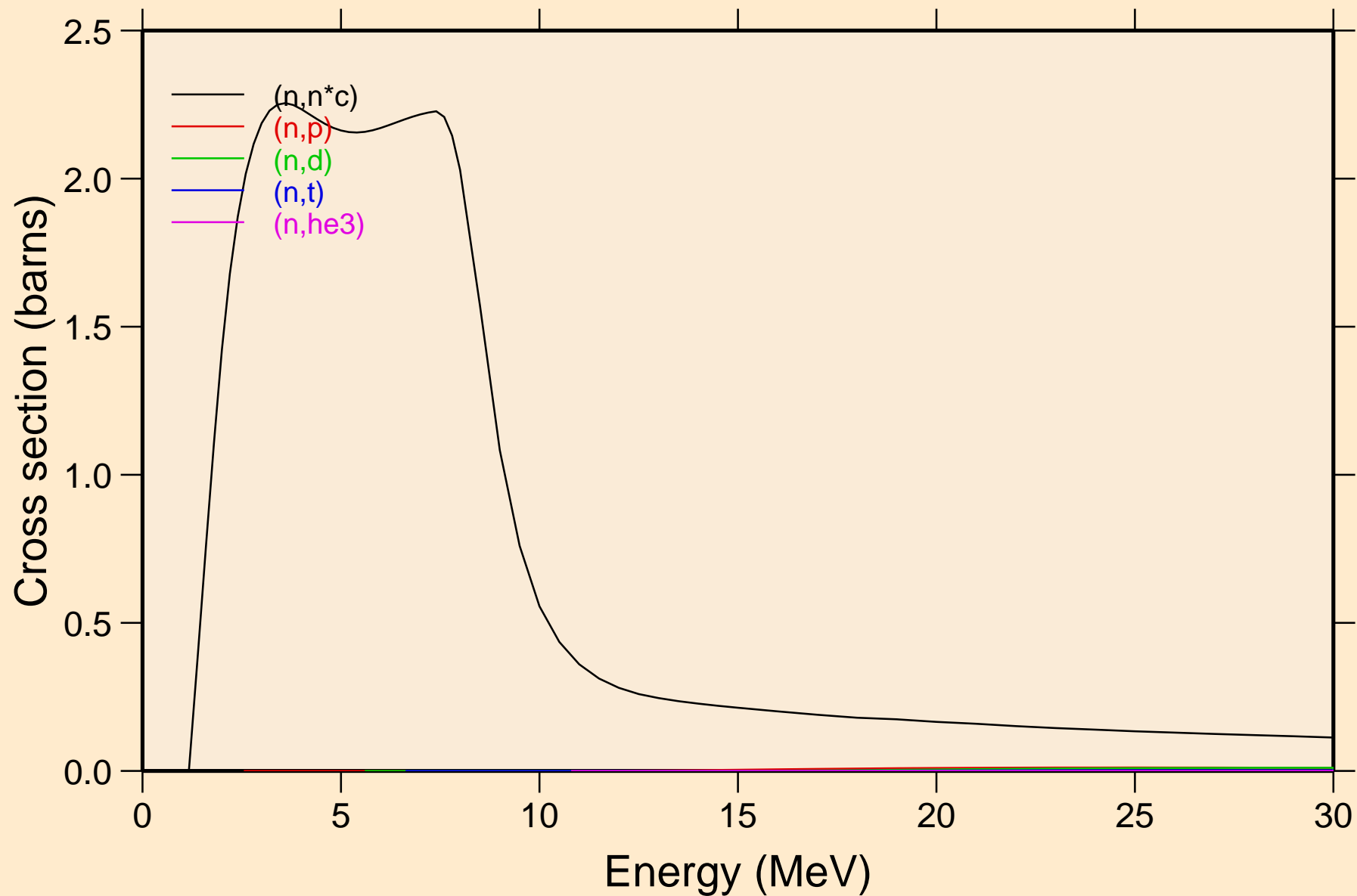




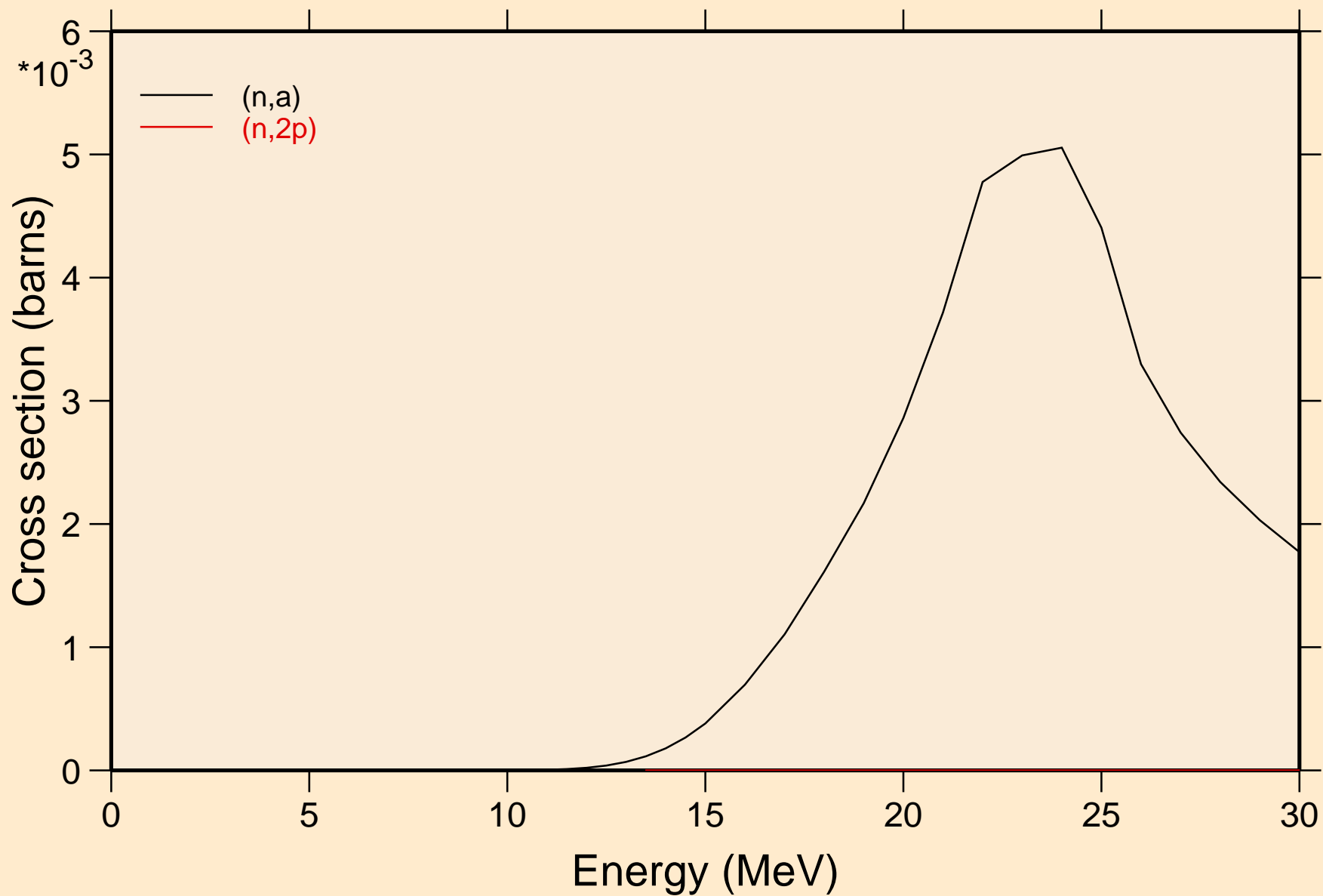
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



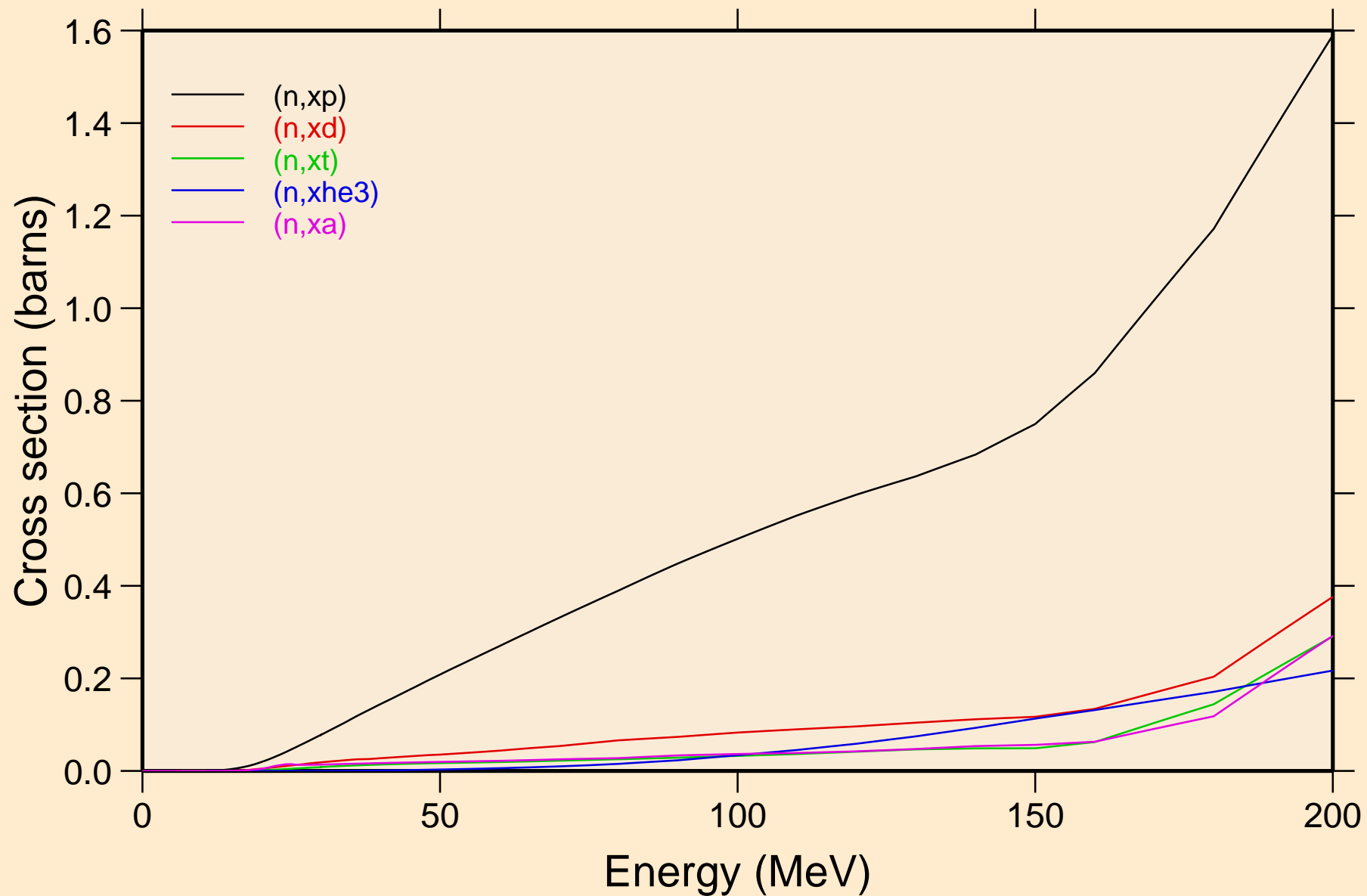
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



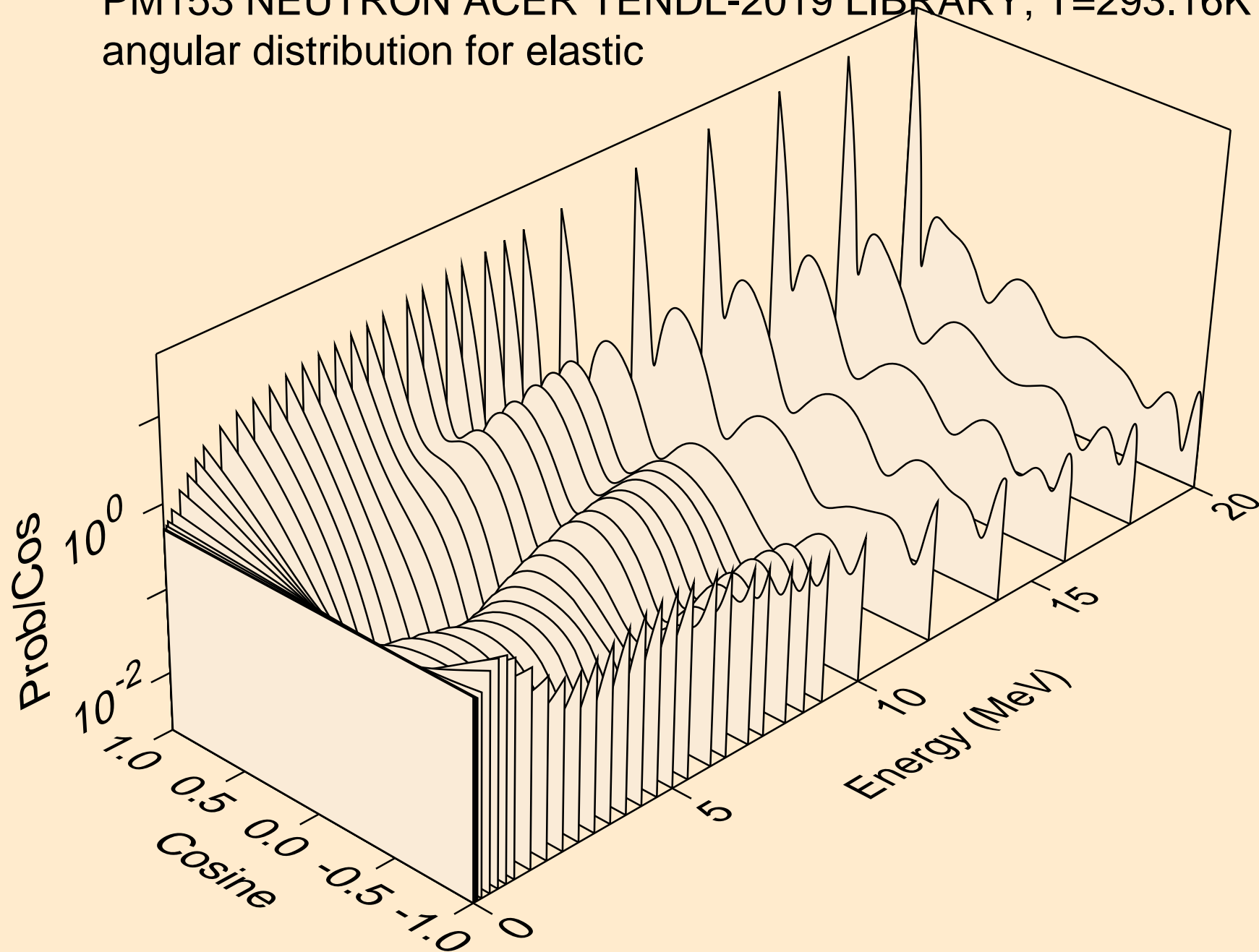
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



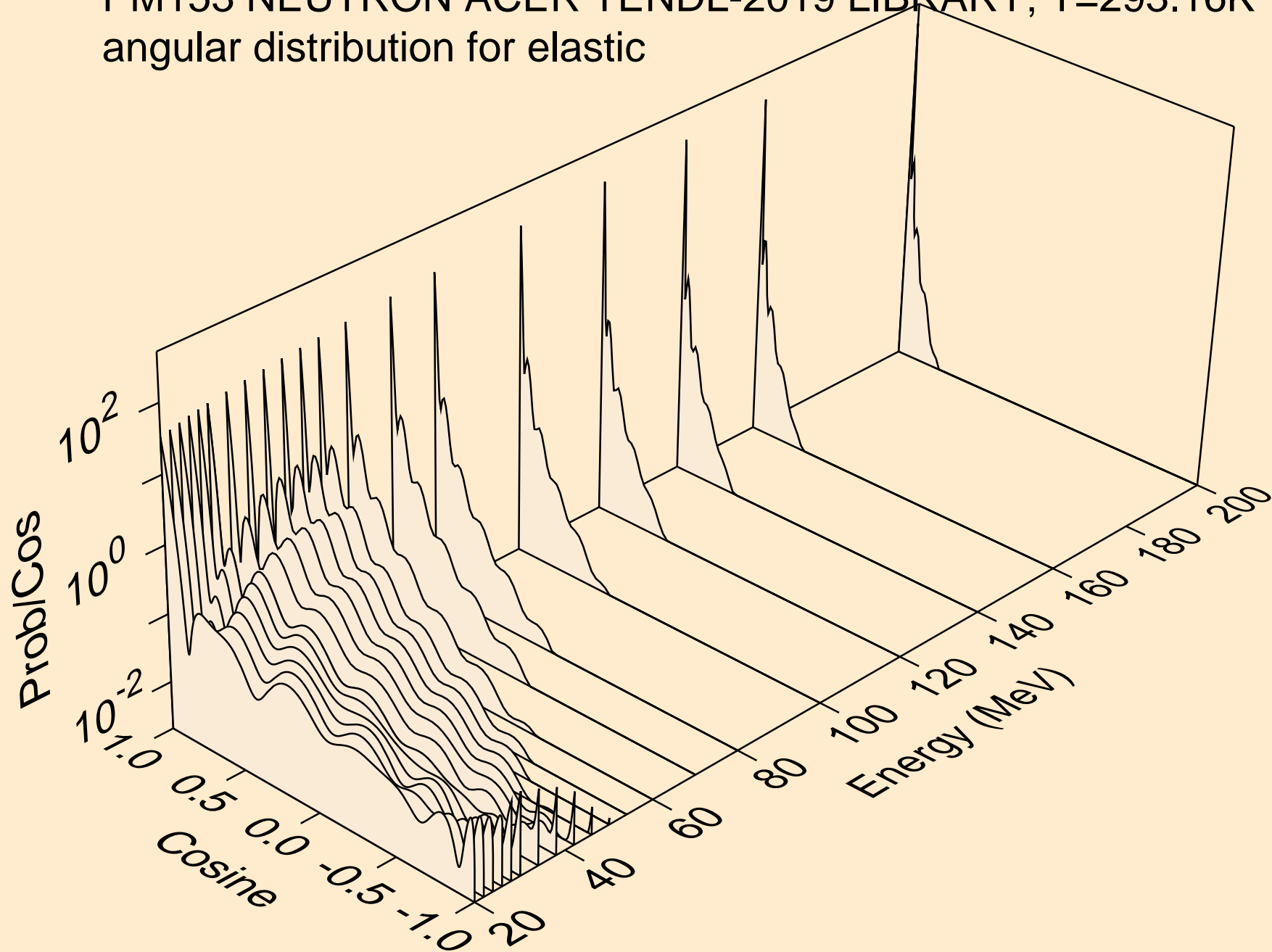
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



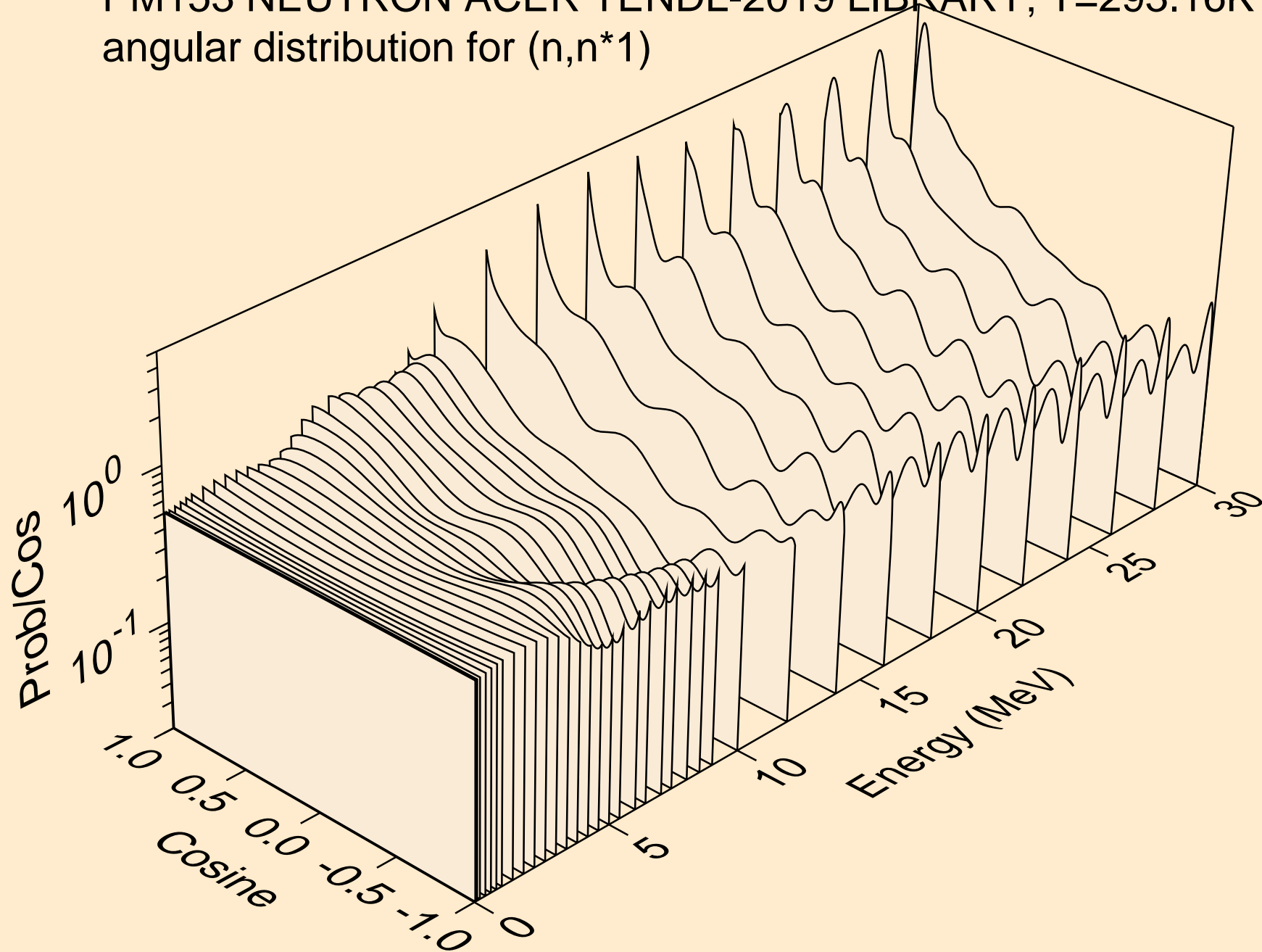
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



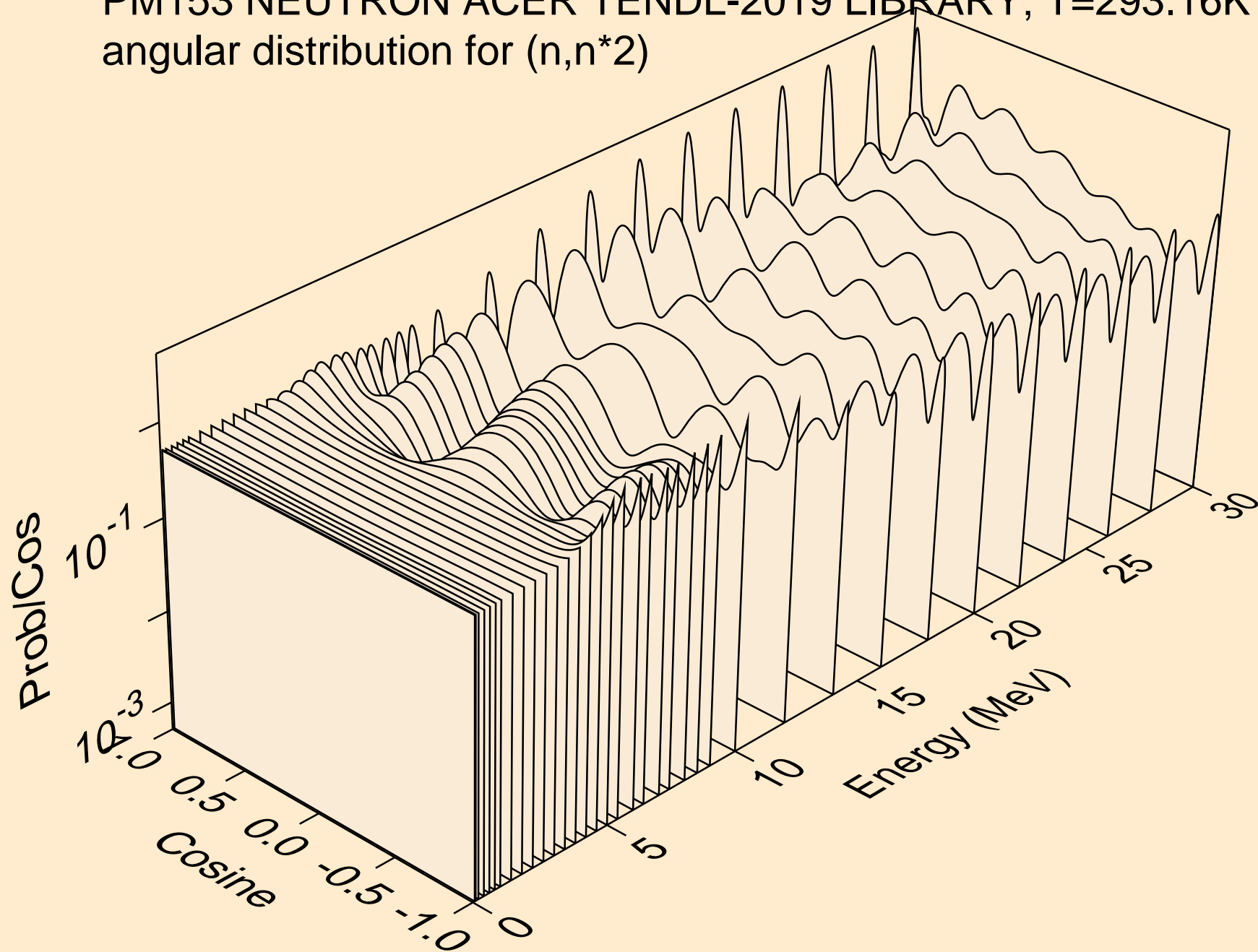
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

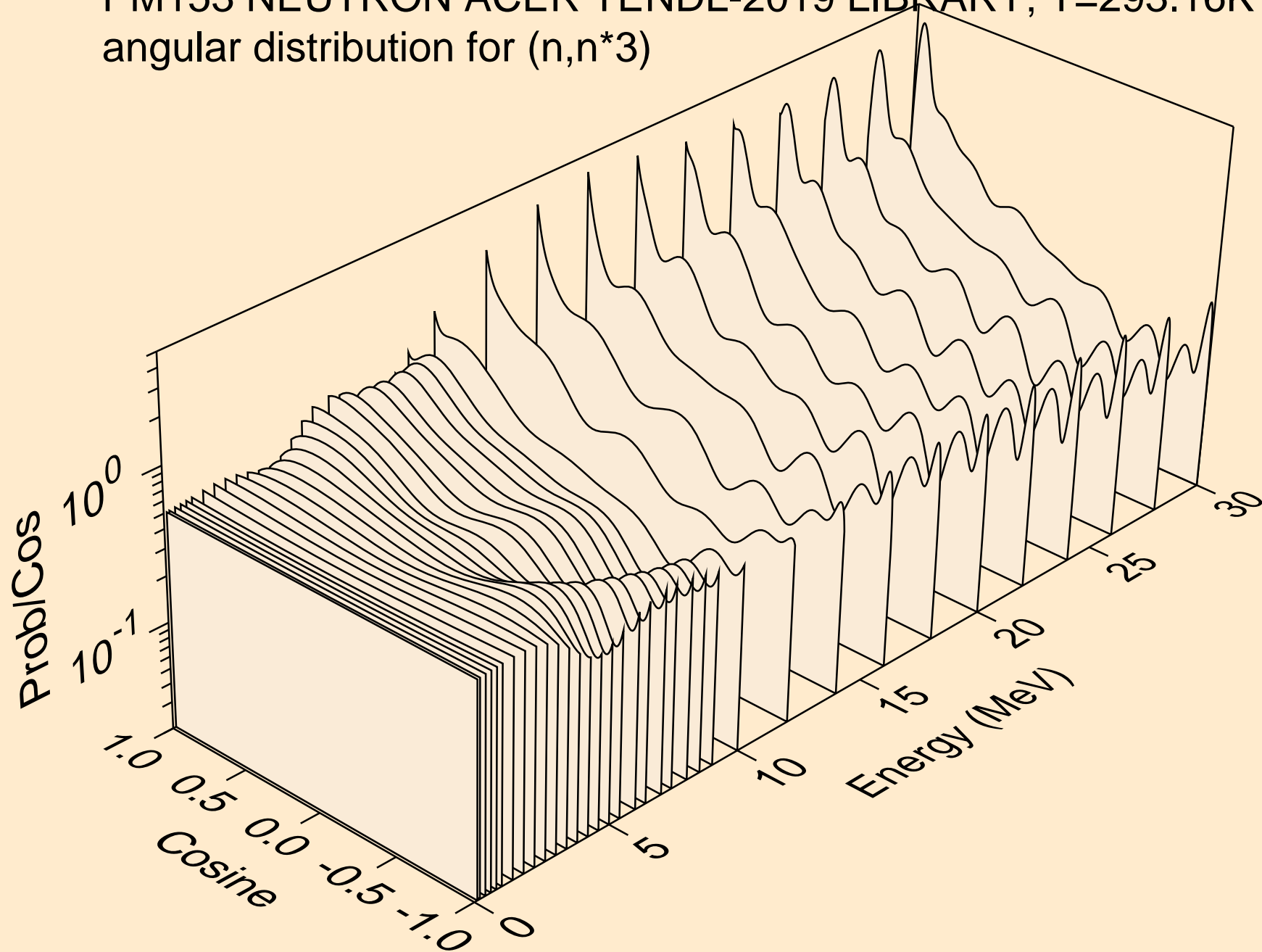


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

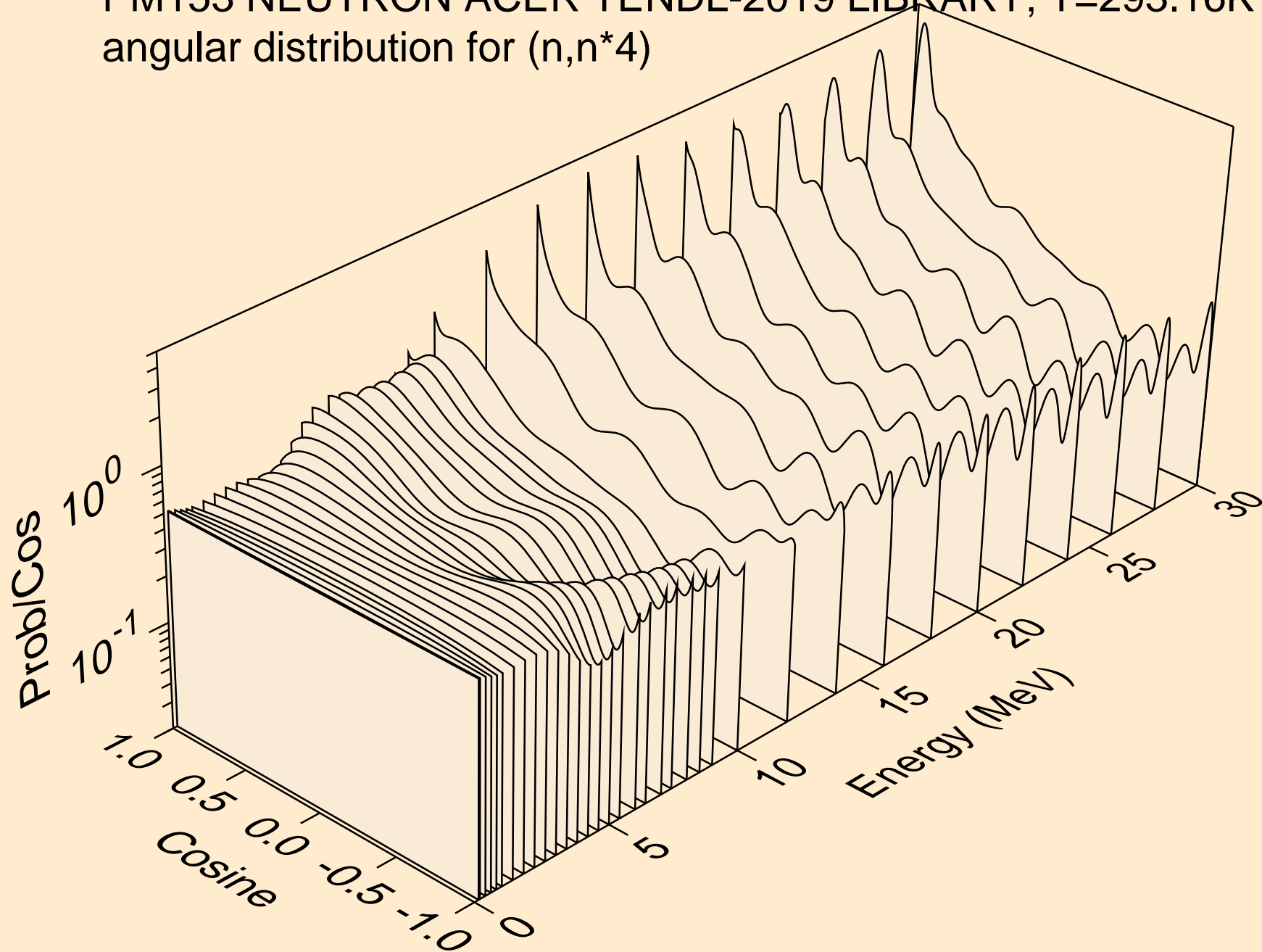




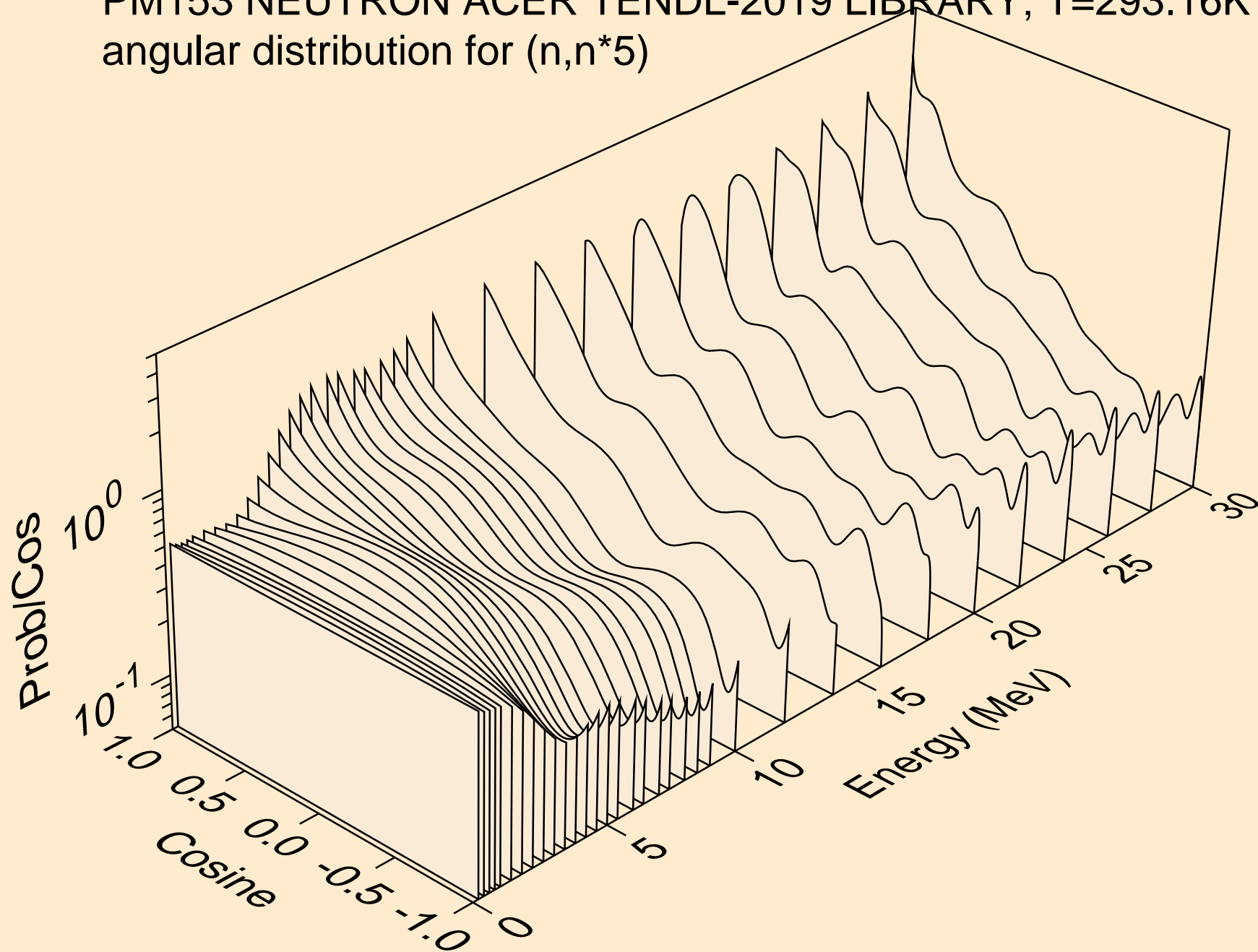
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



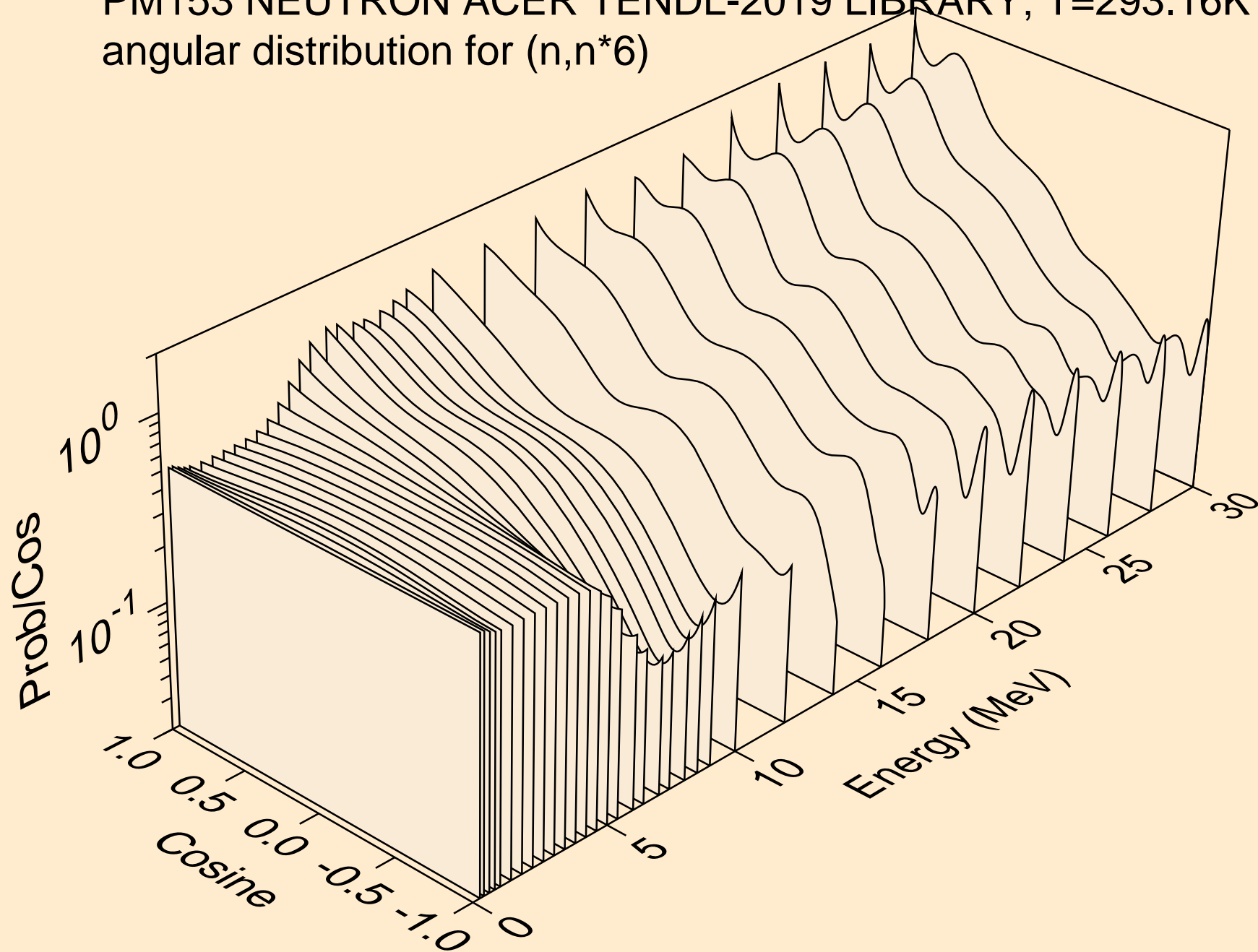
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



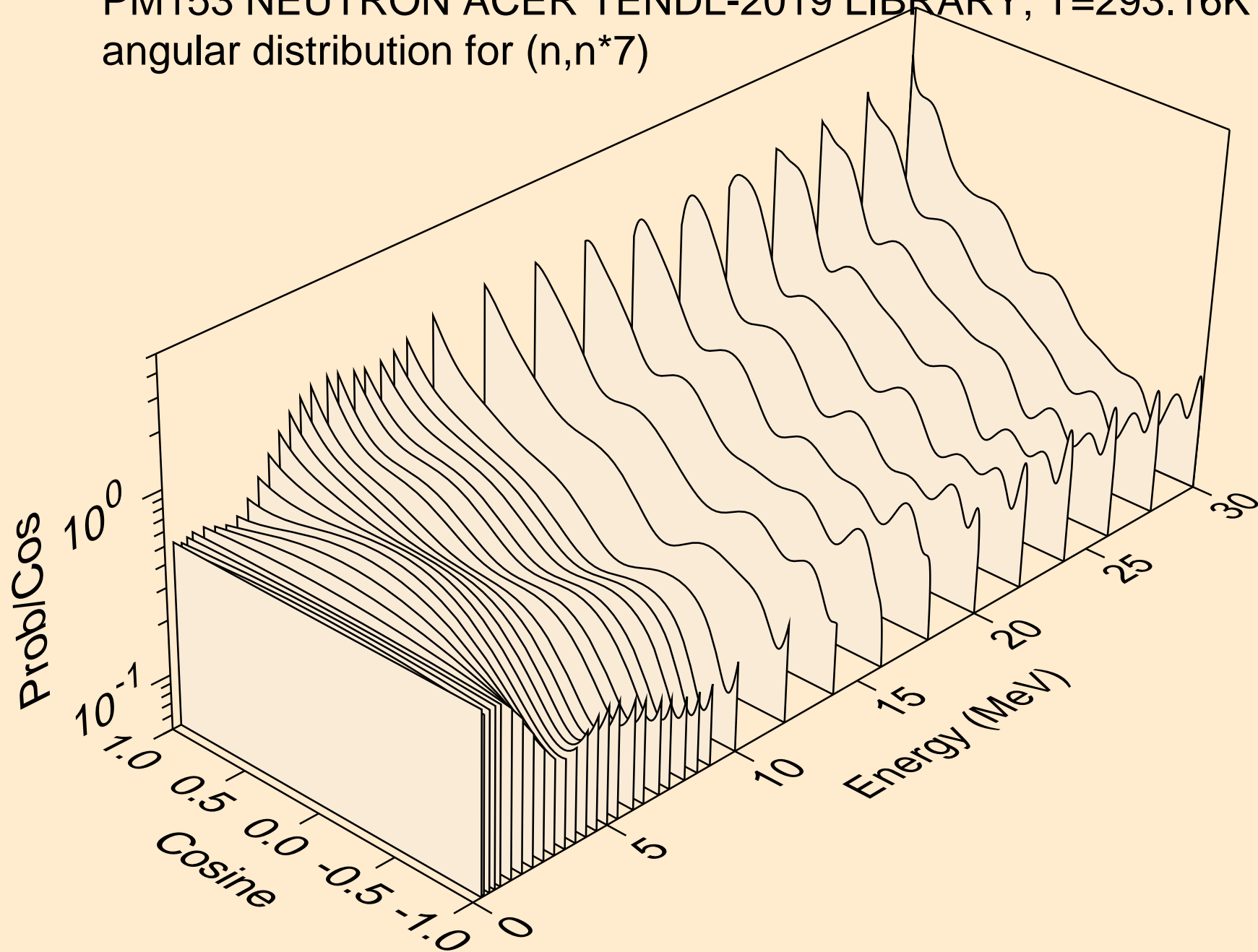
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



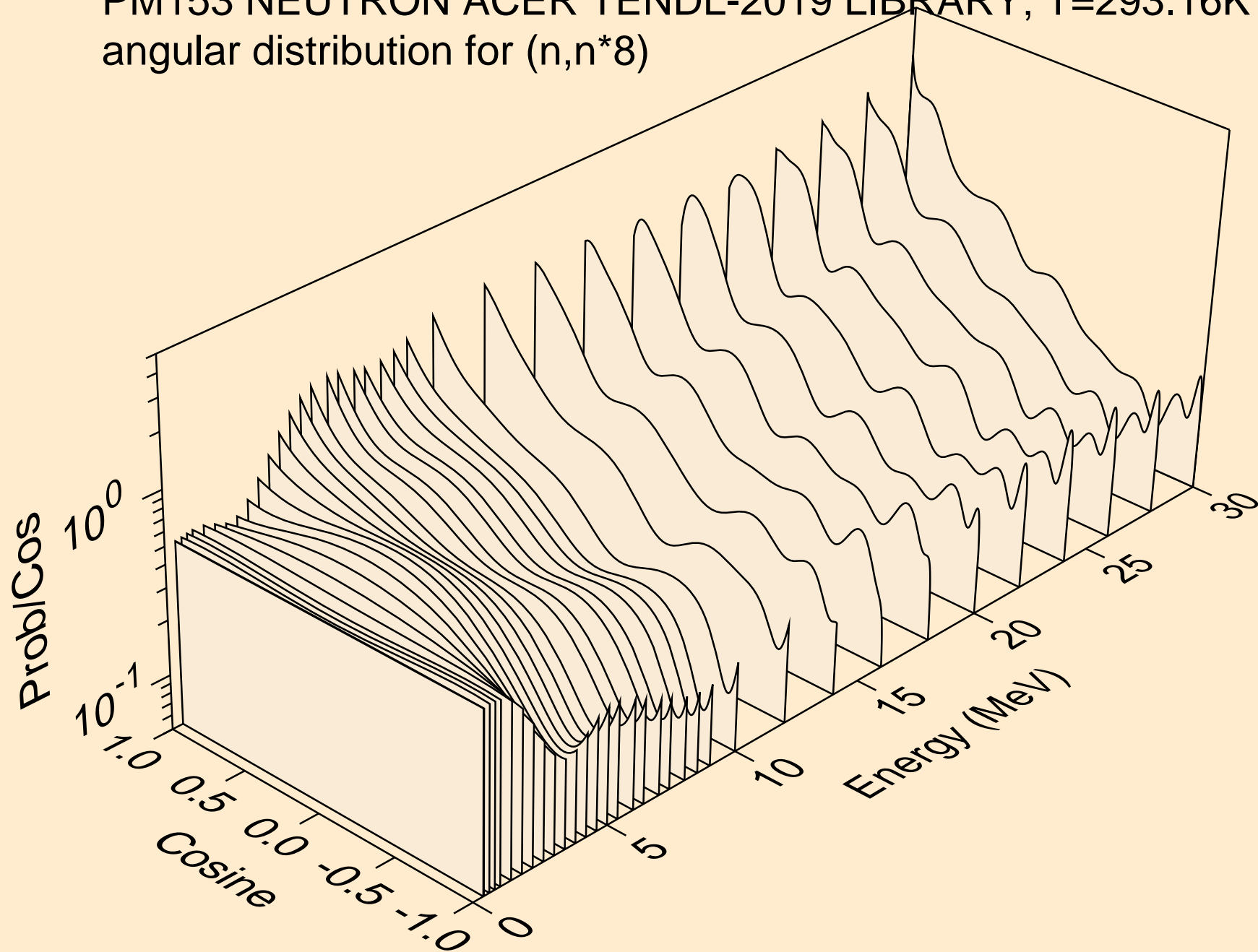
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



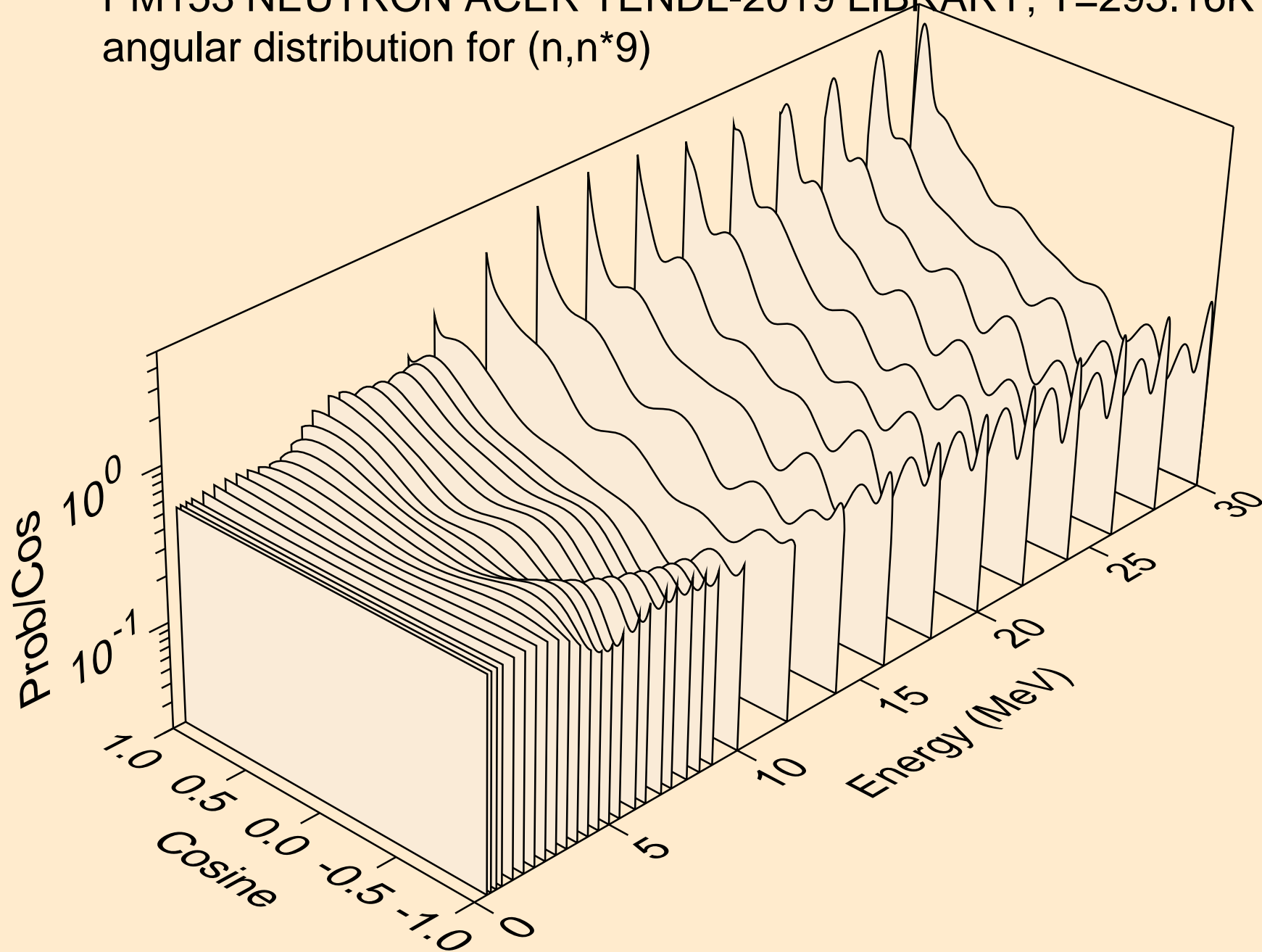
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

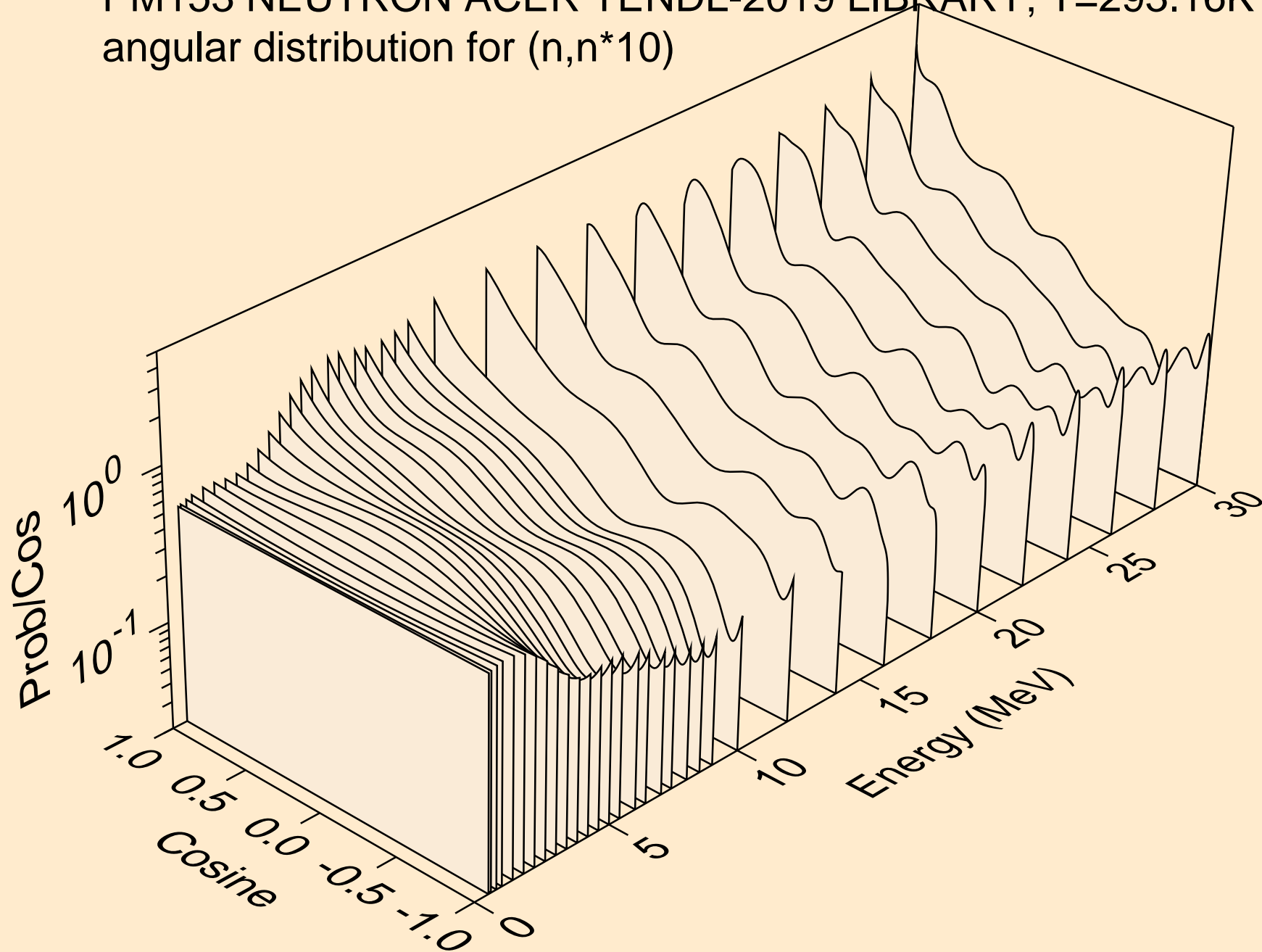


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



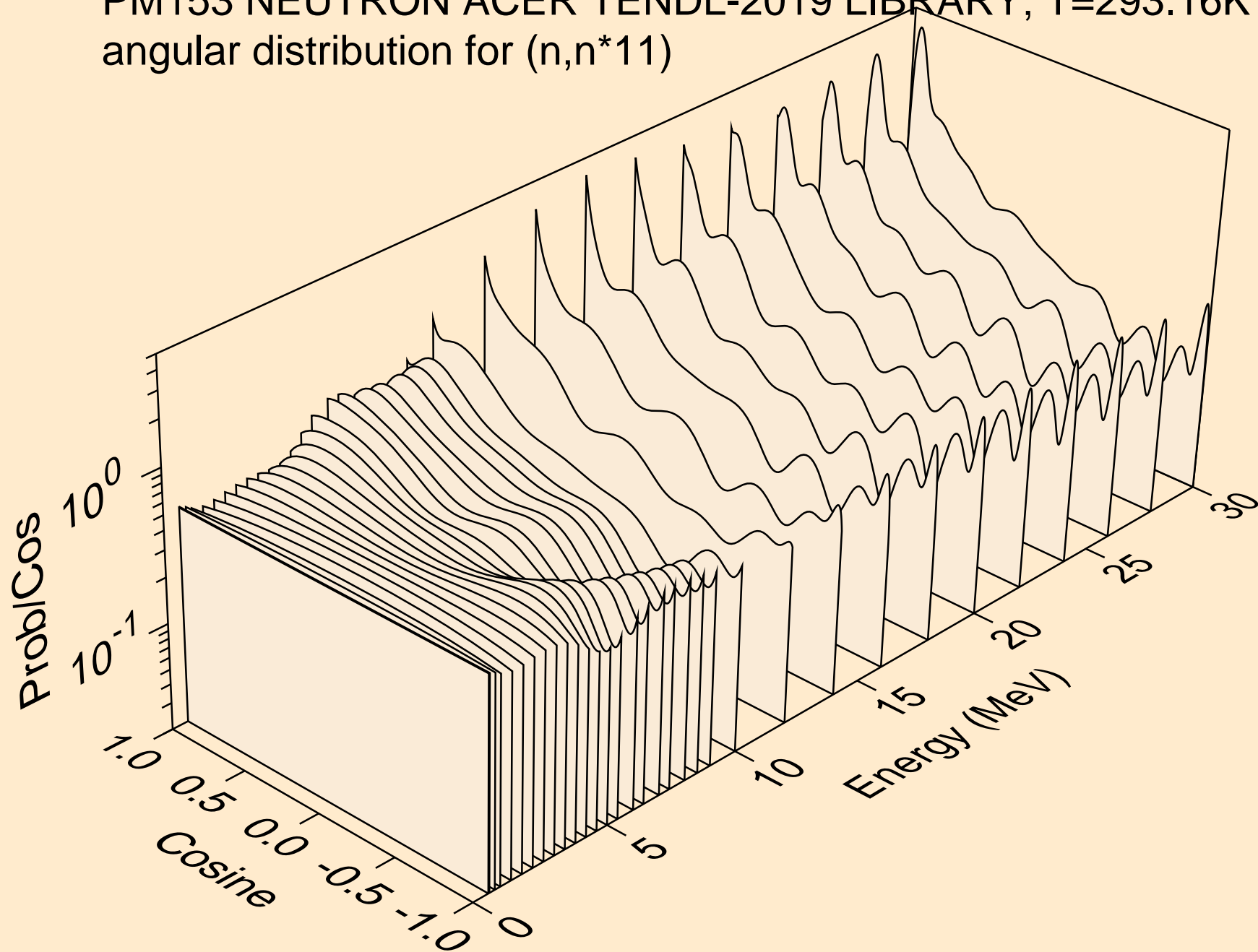


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

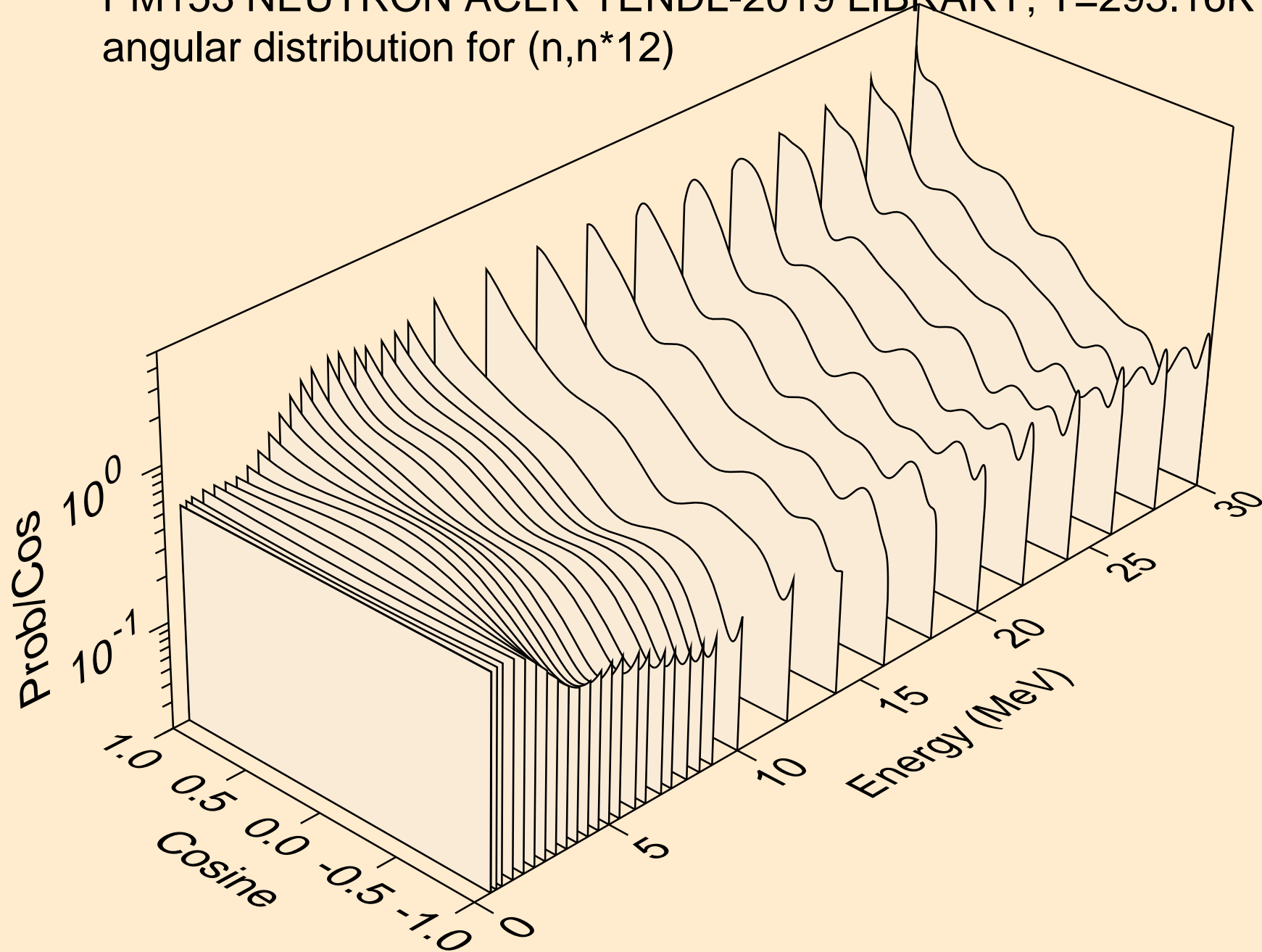




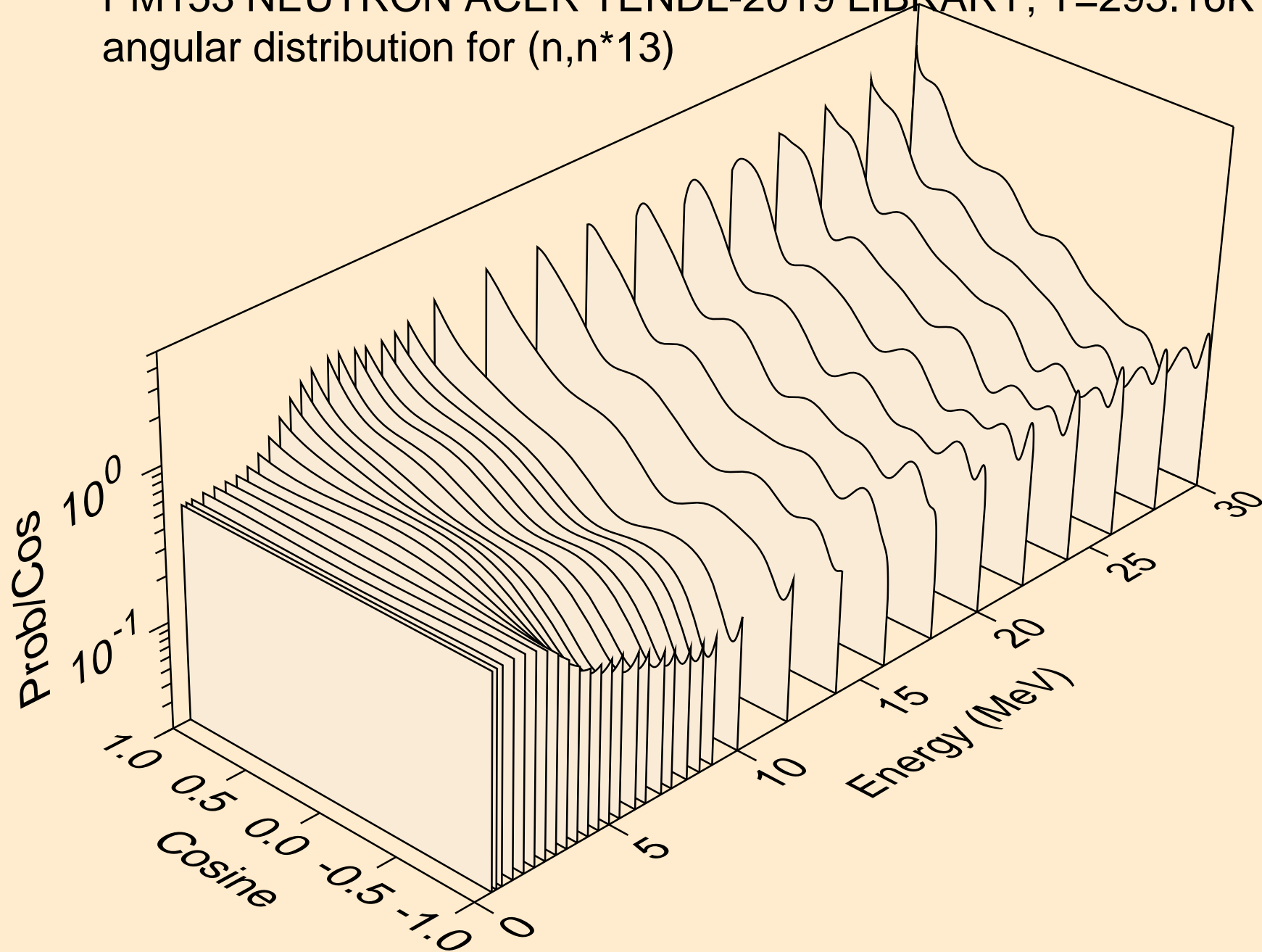
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



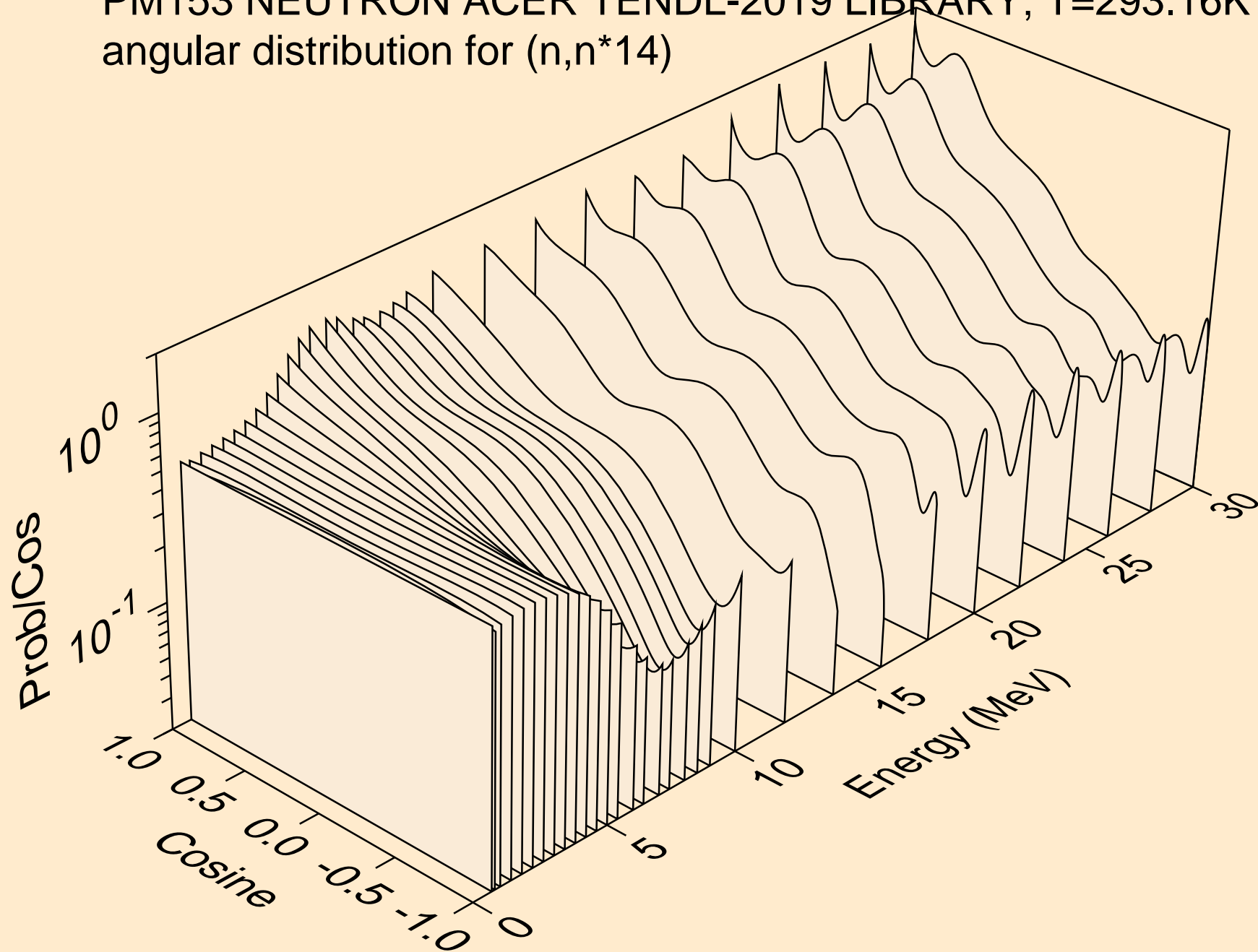
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



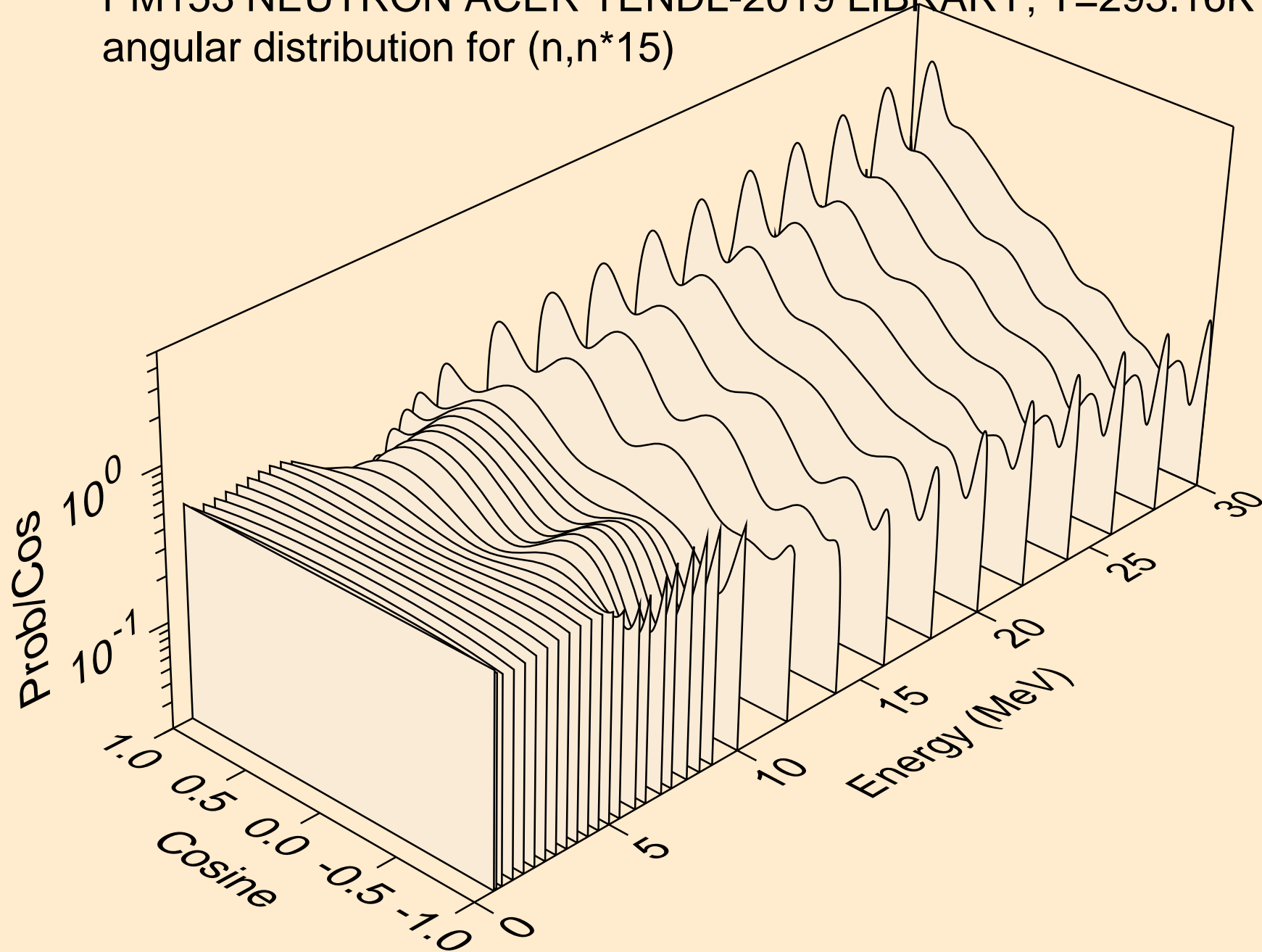
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



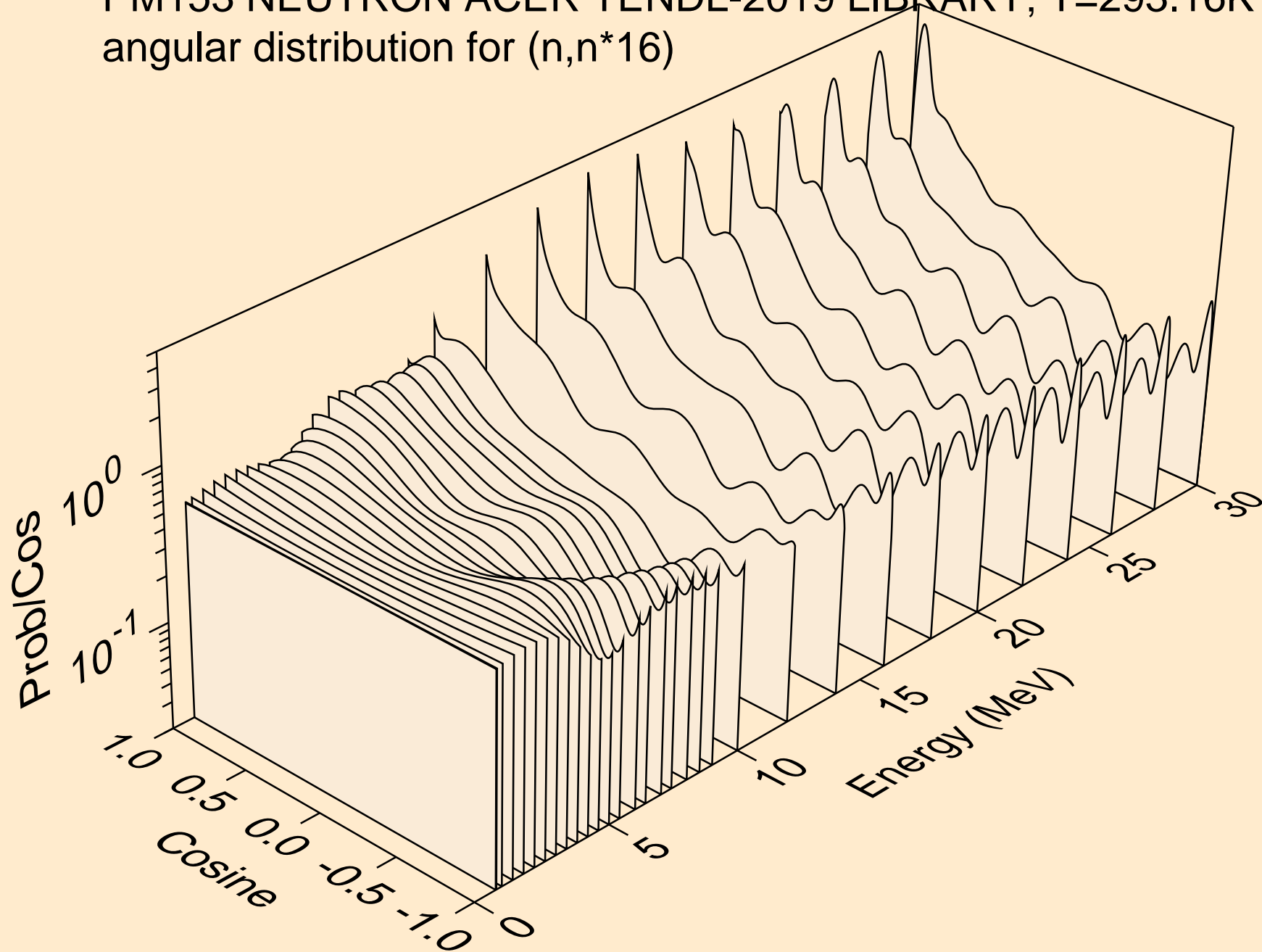
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



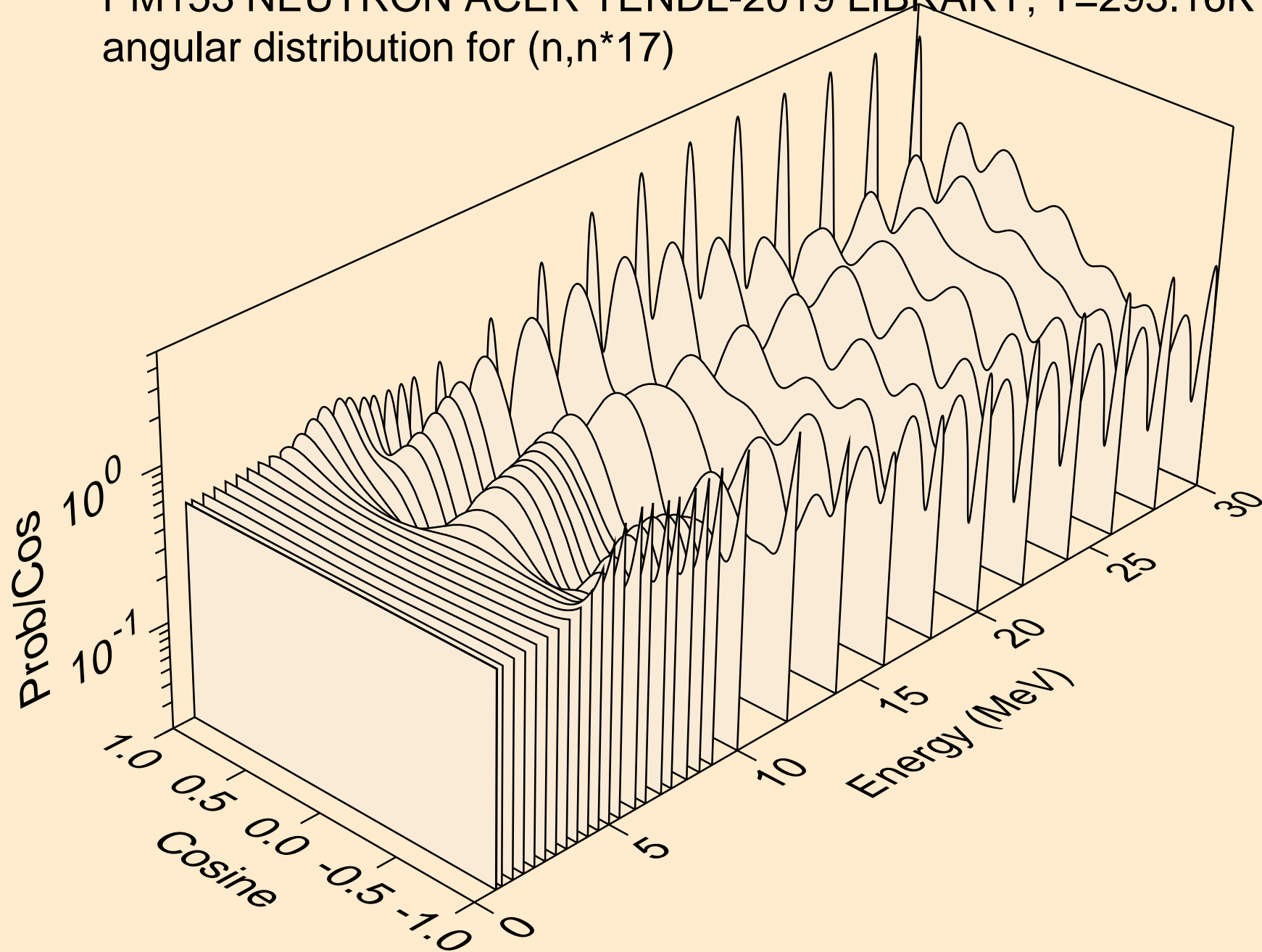
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)

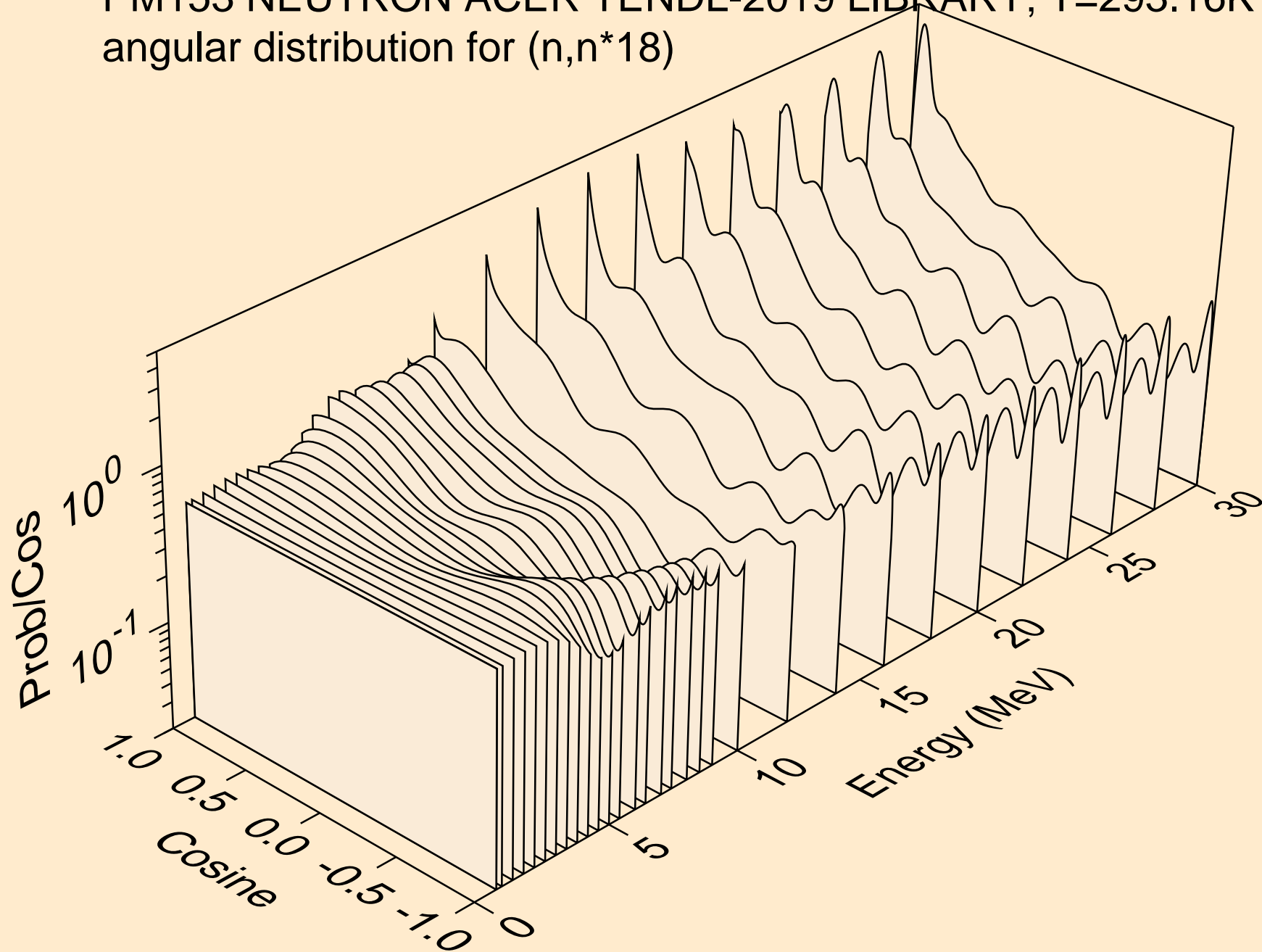


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



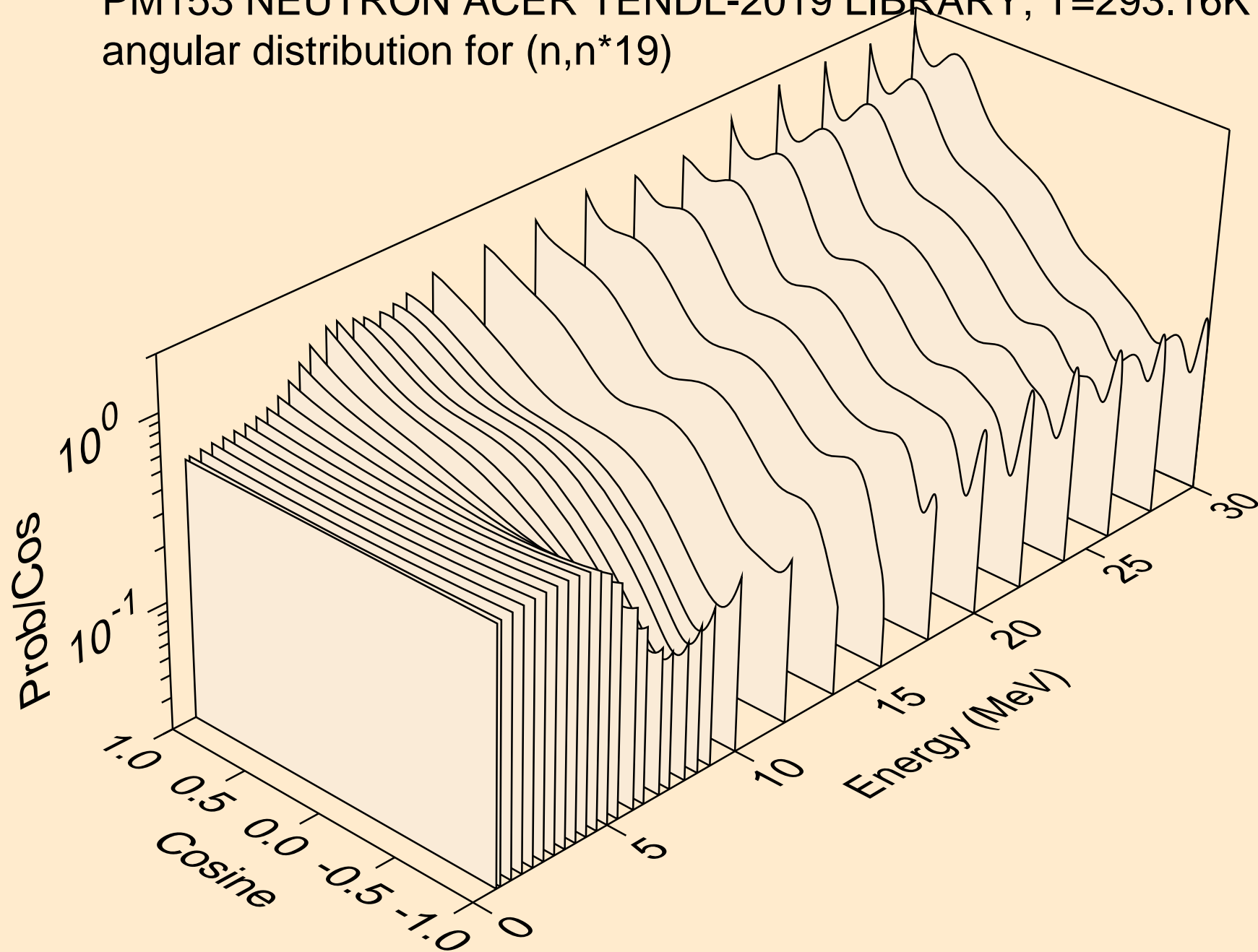


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

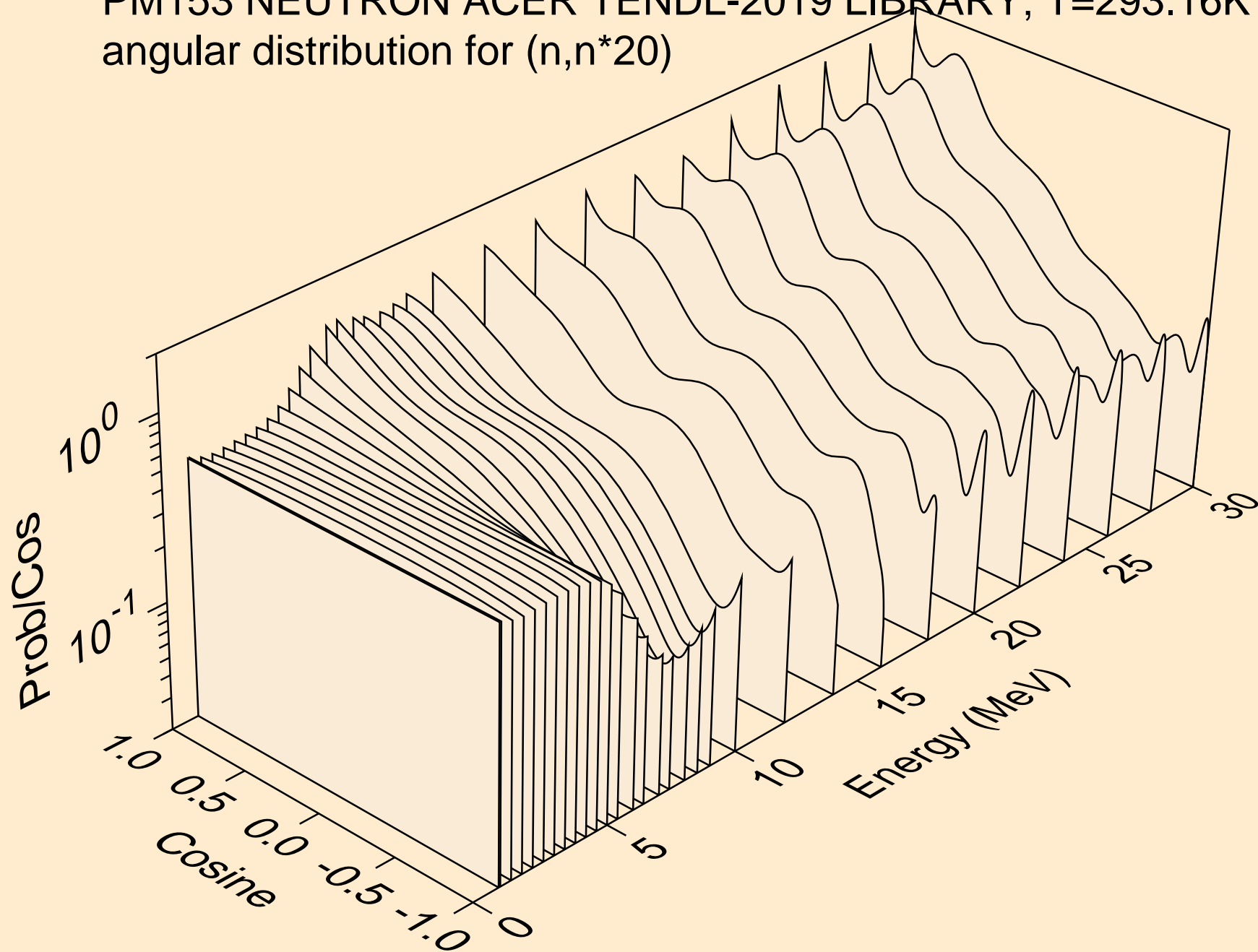




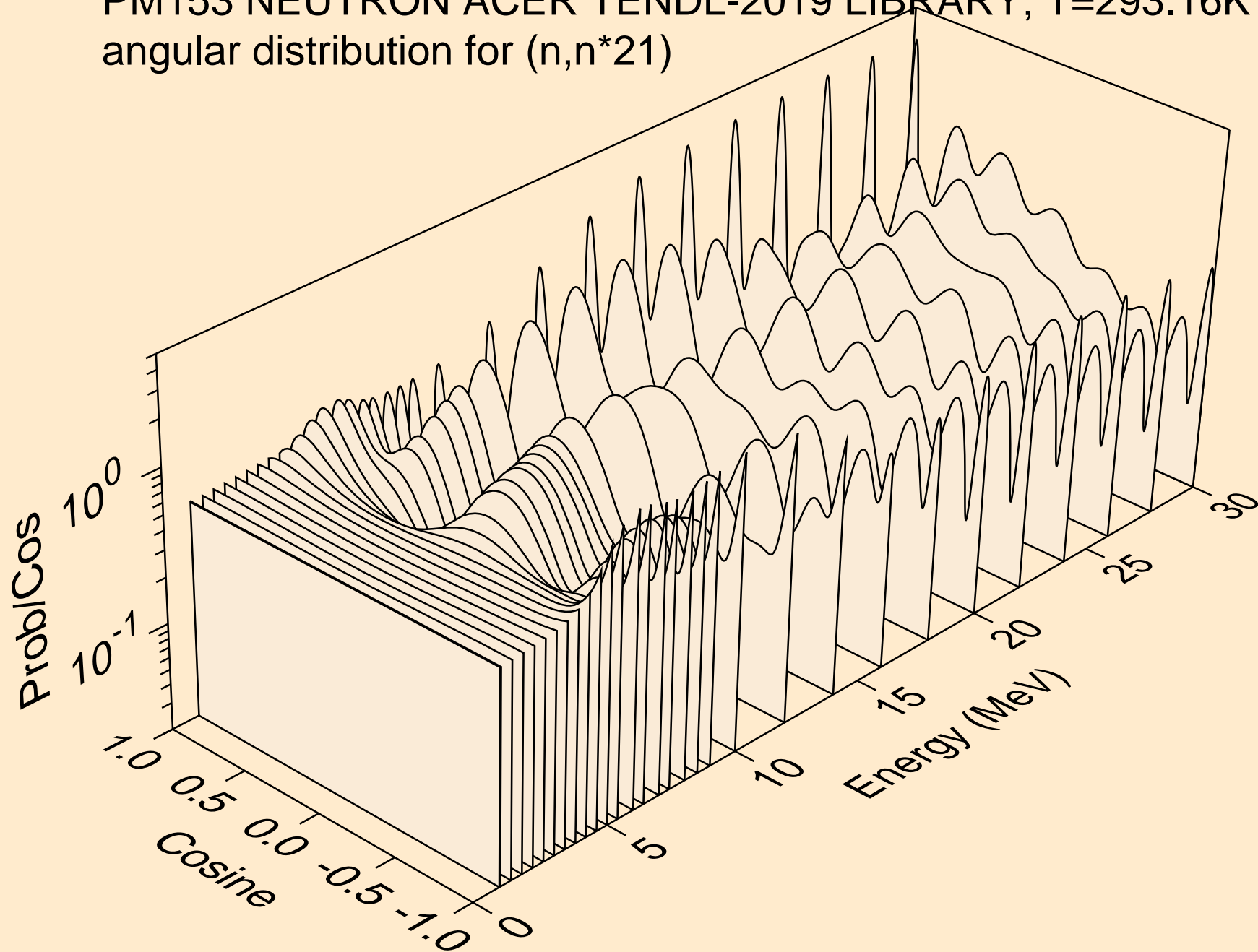
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



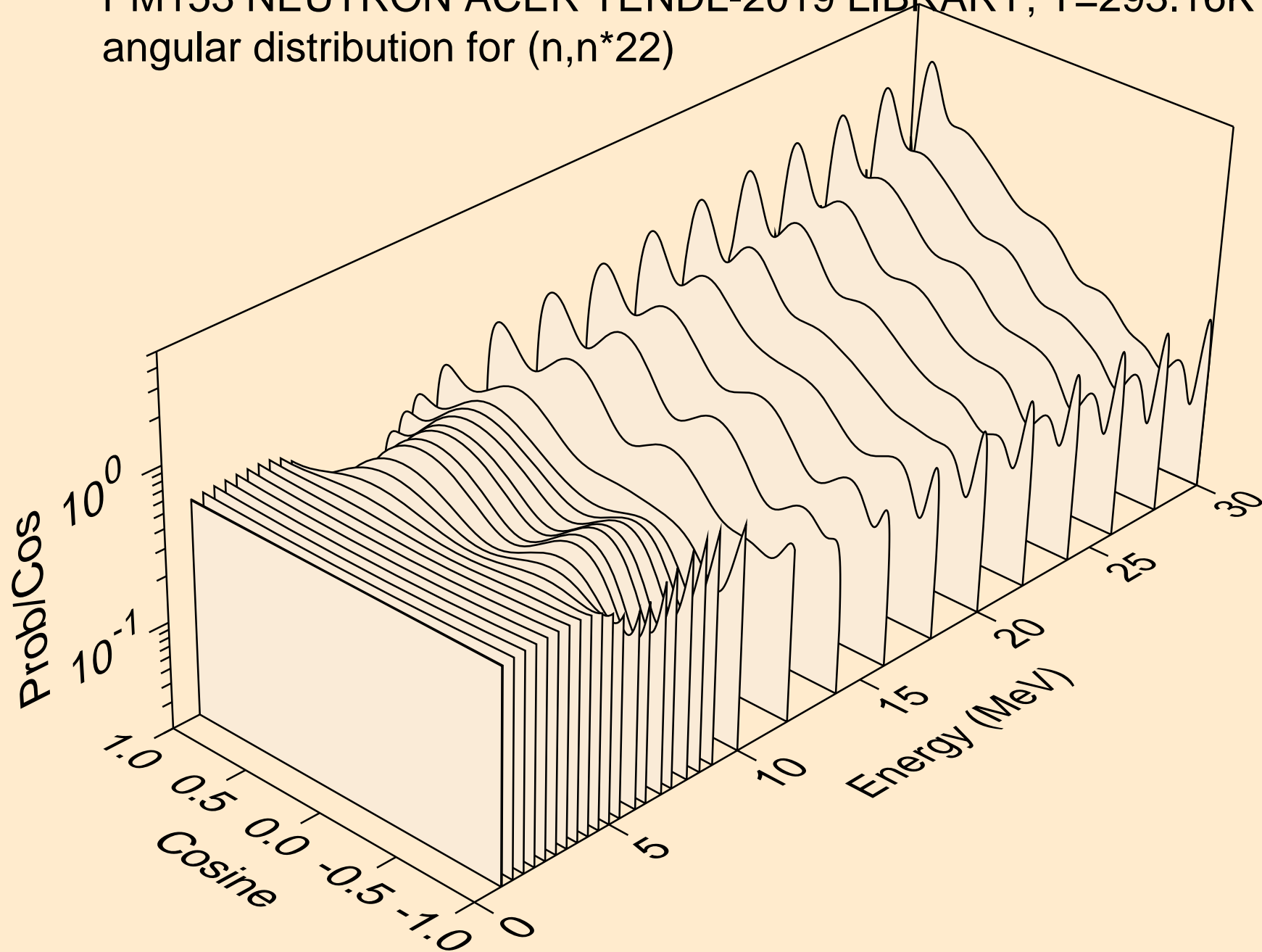
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



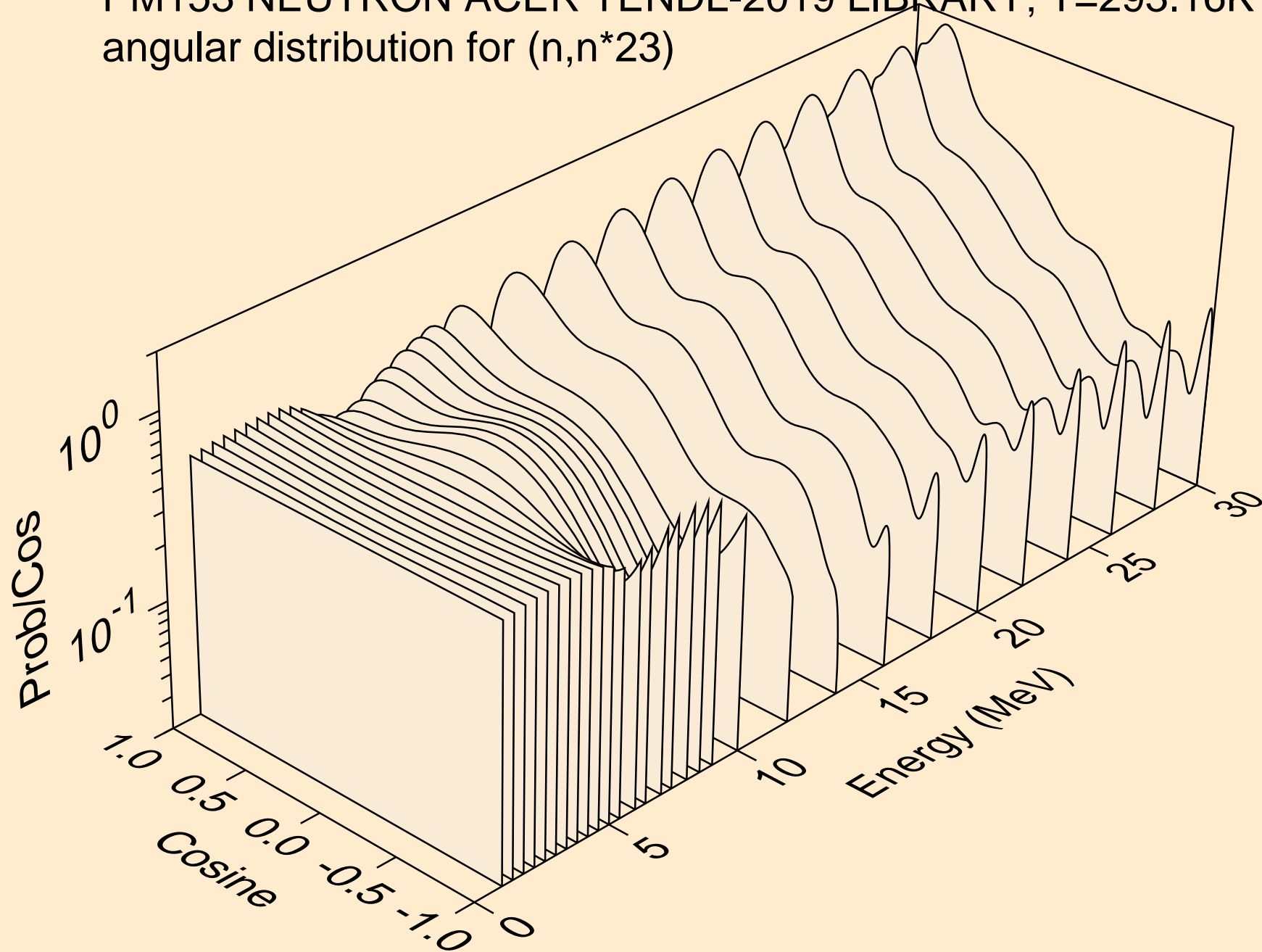
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



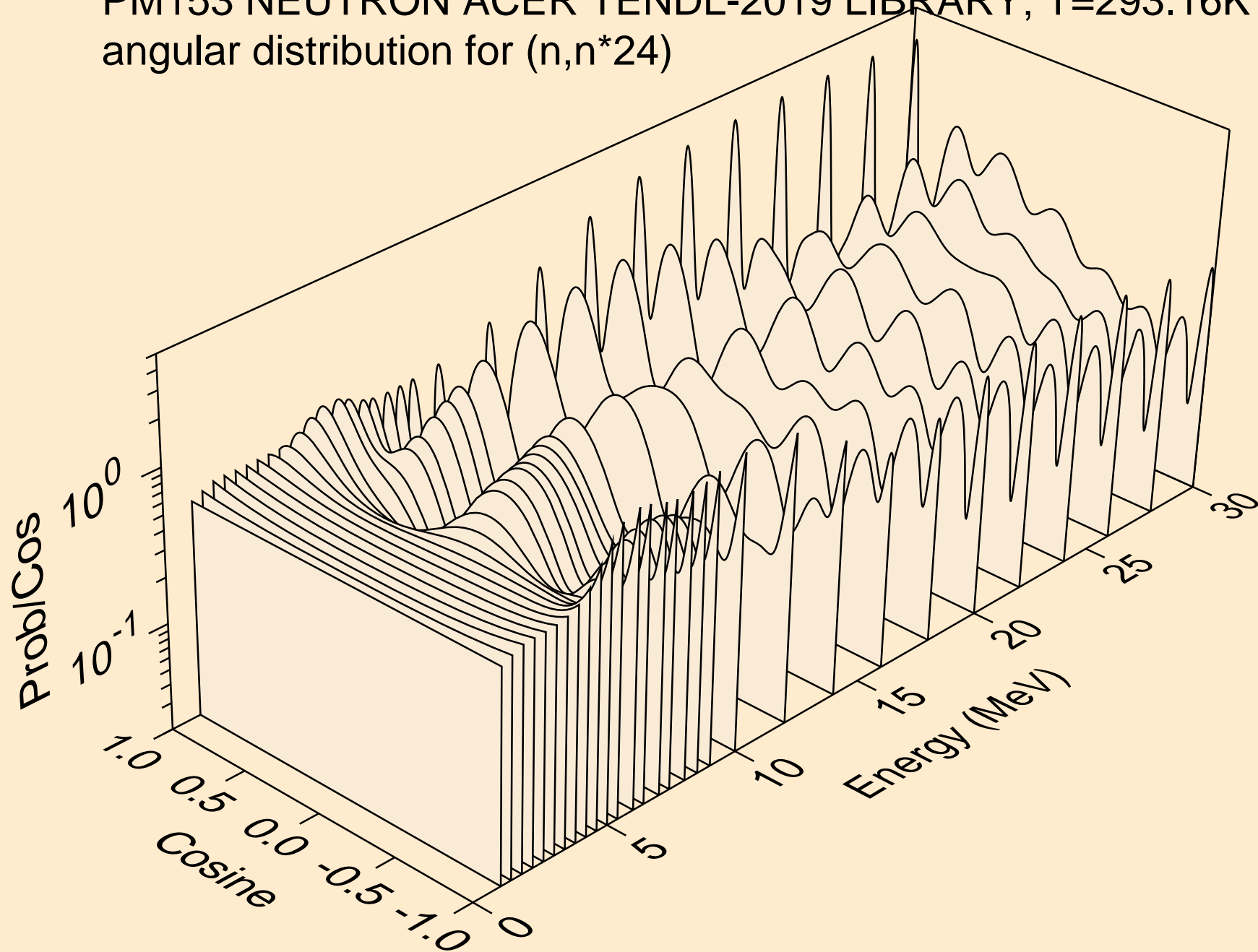
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



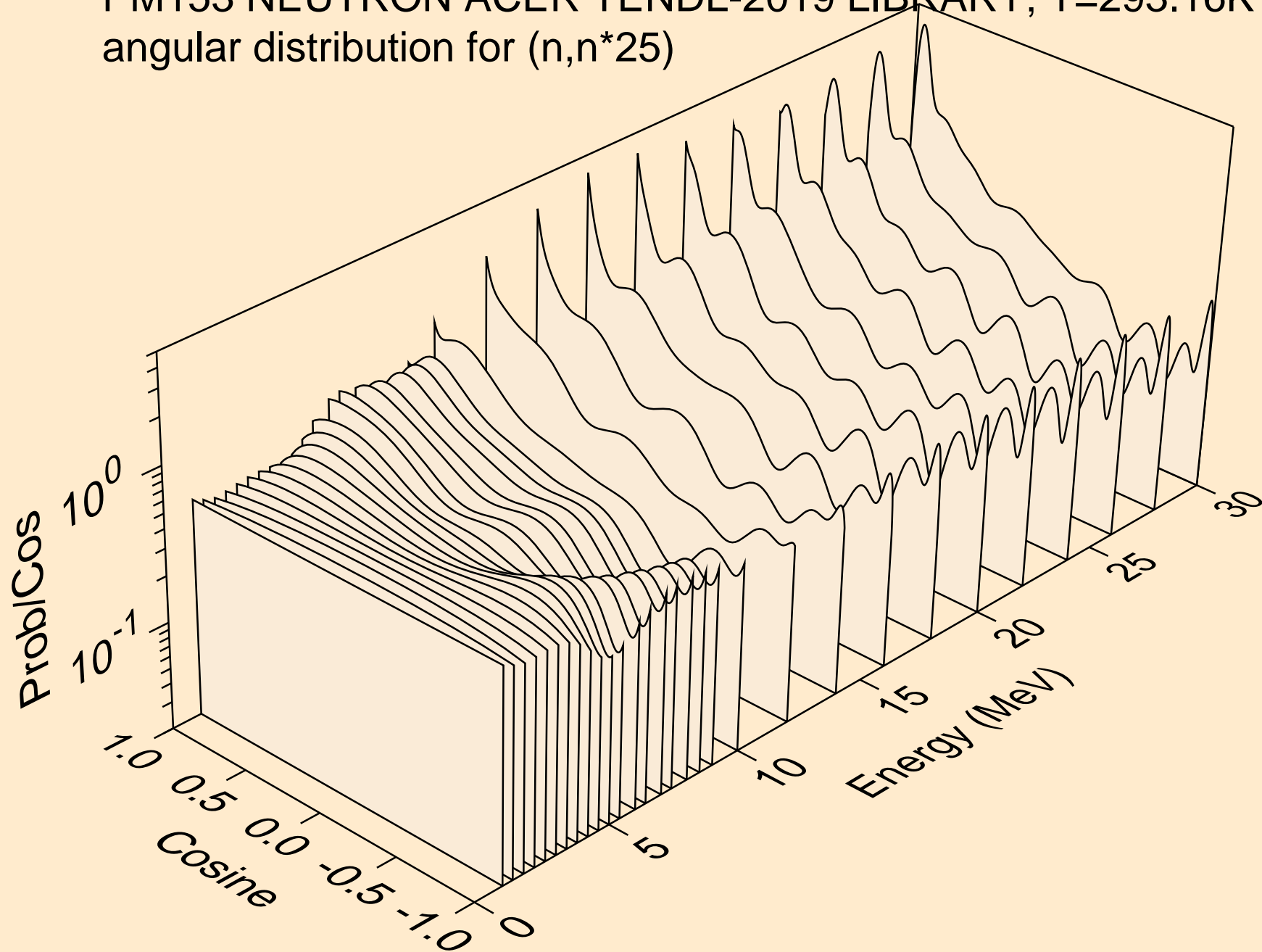
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



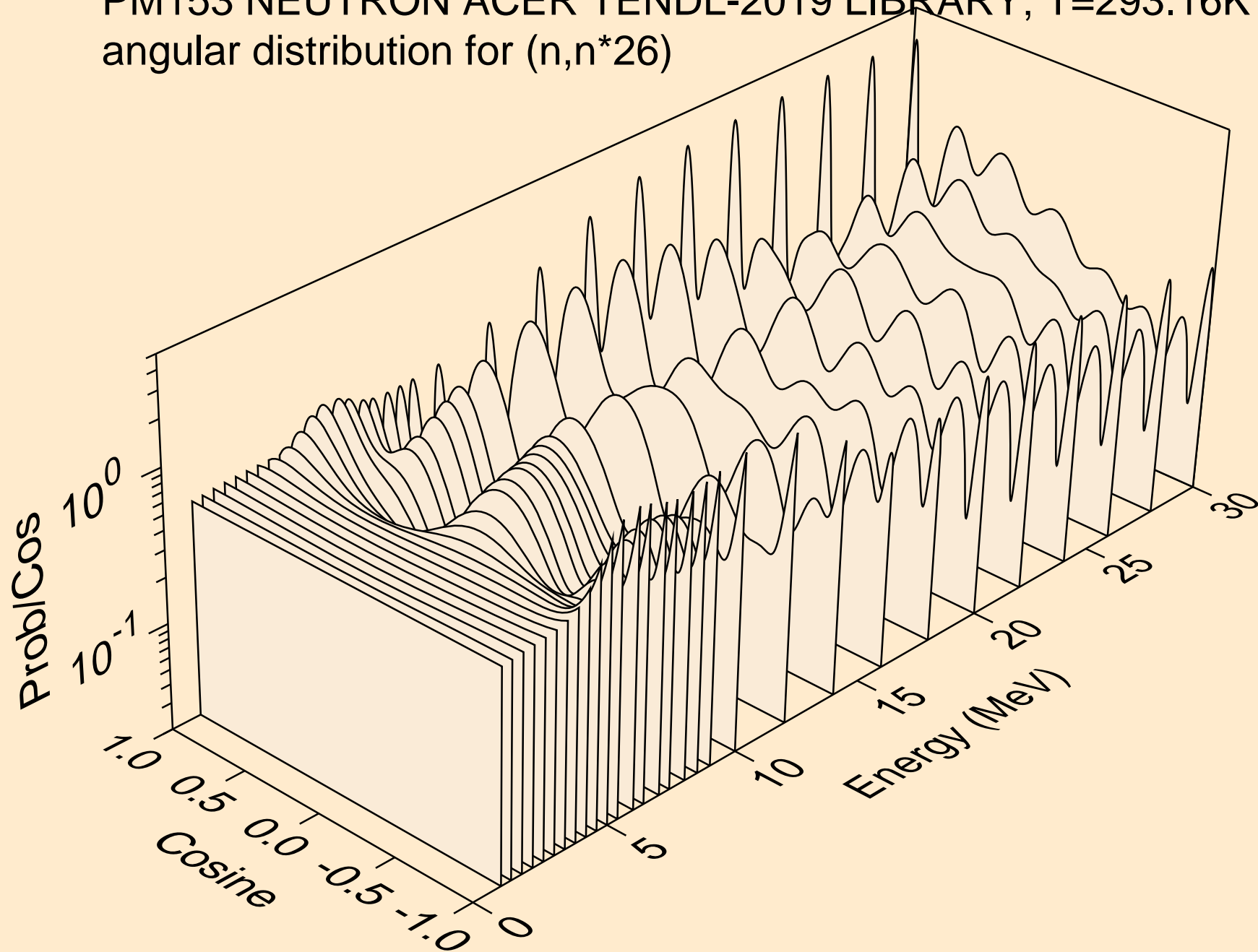
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

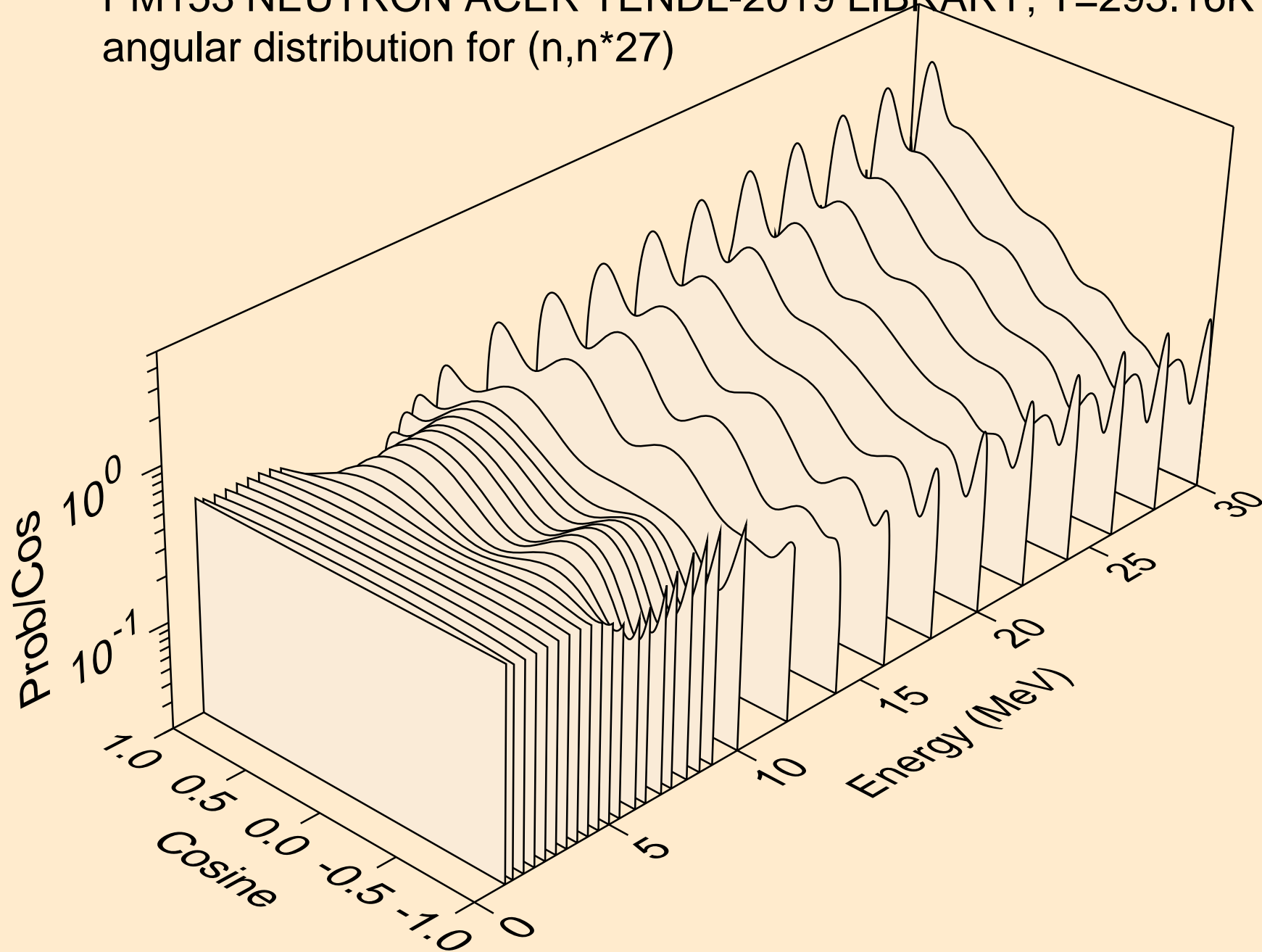


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

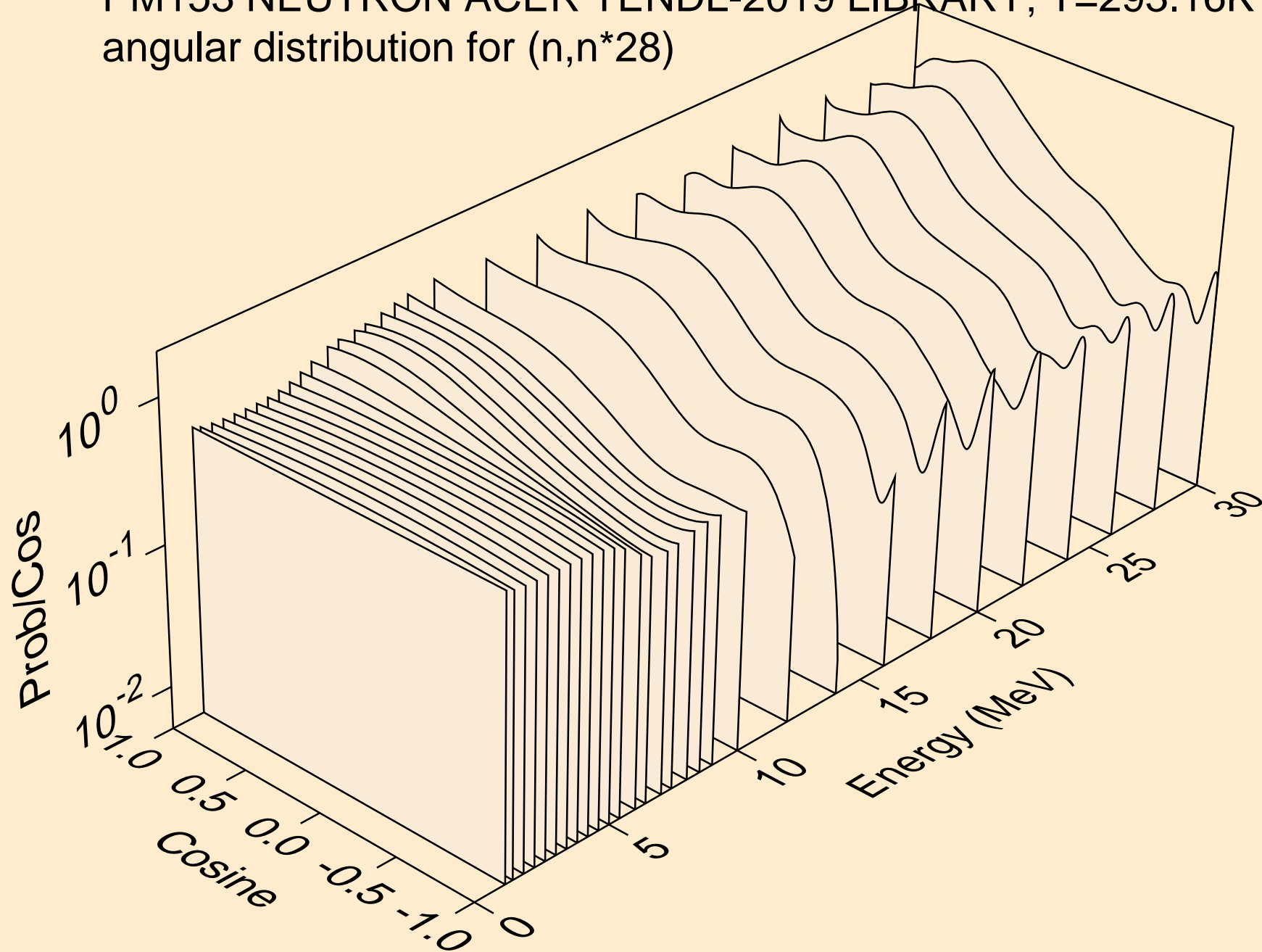




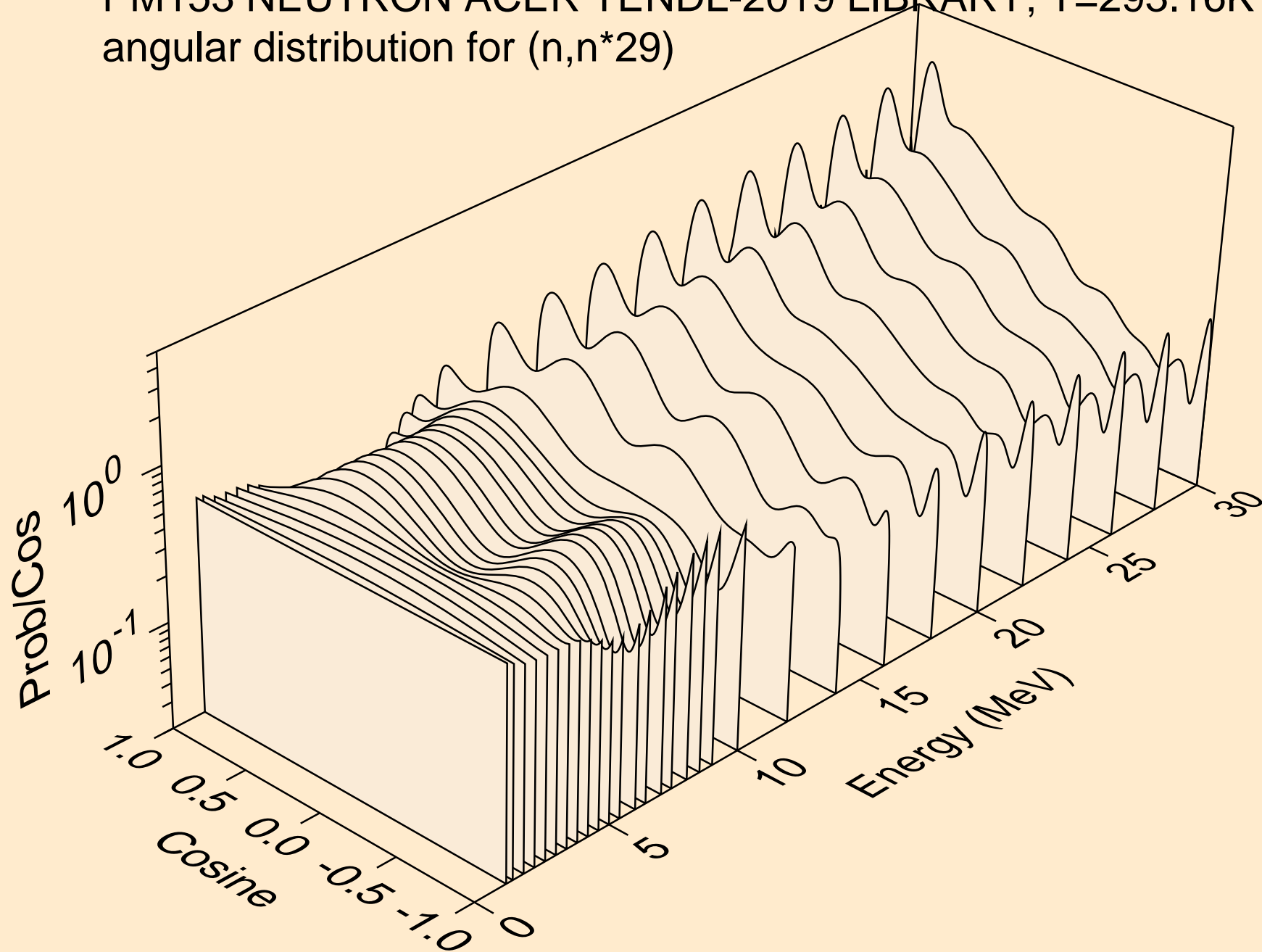
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



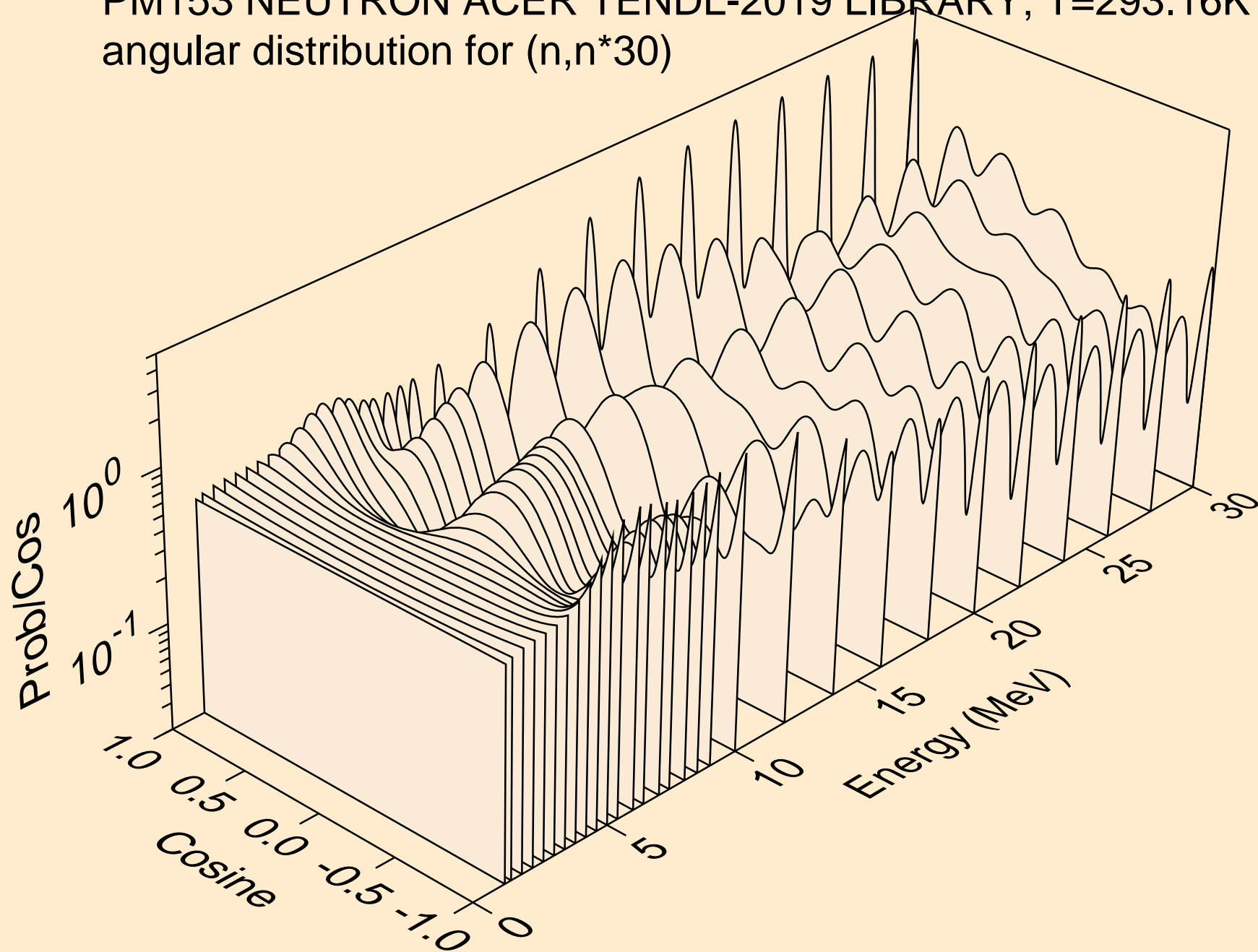
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



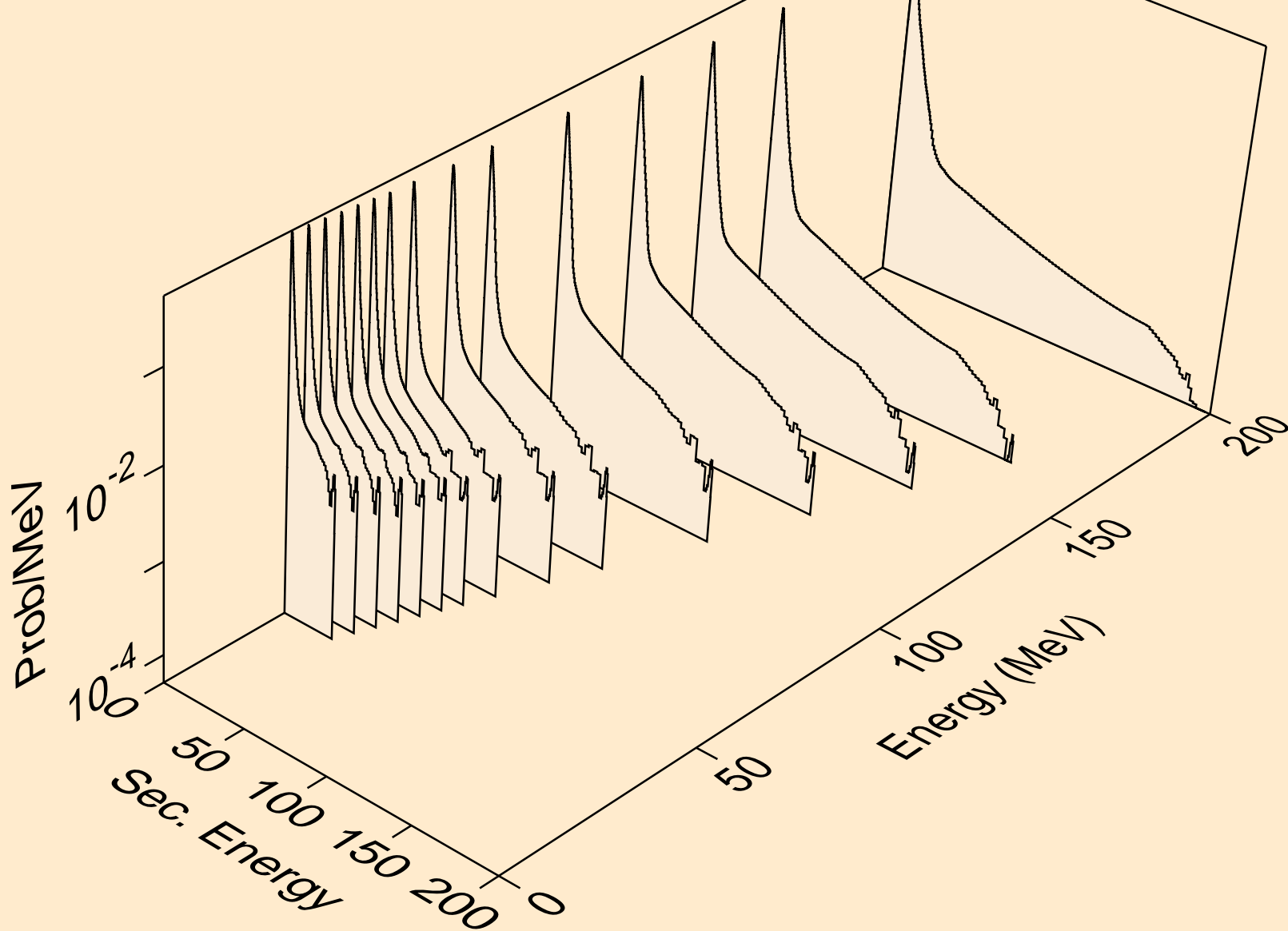
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



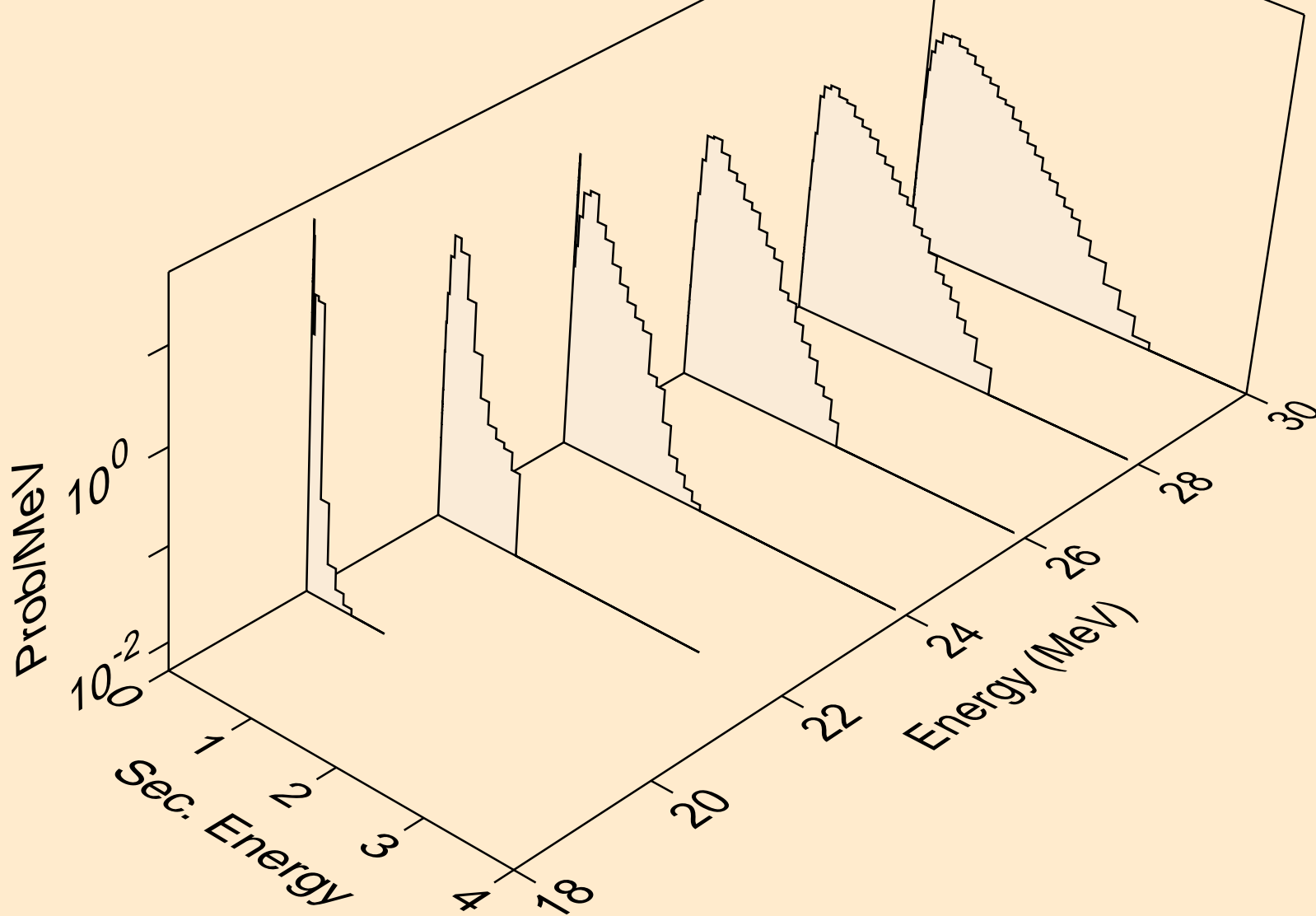
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



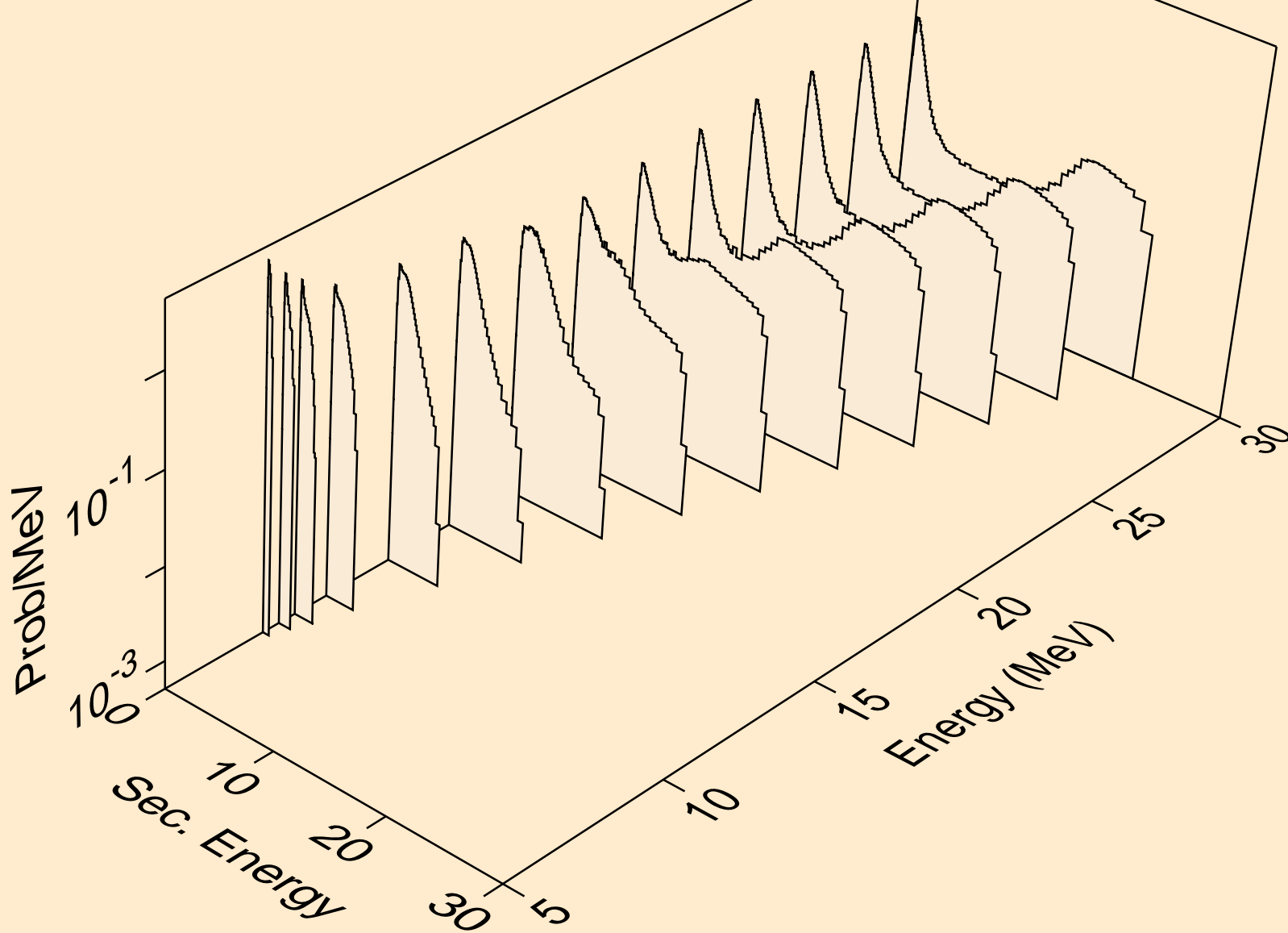
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



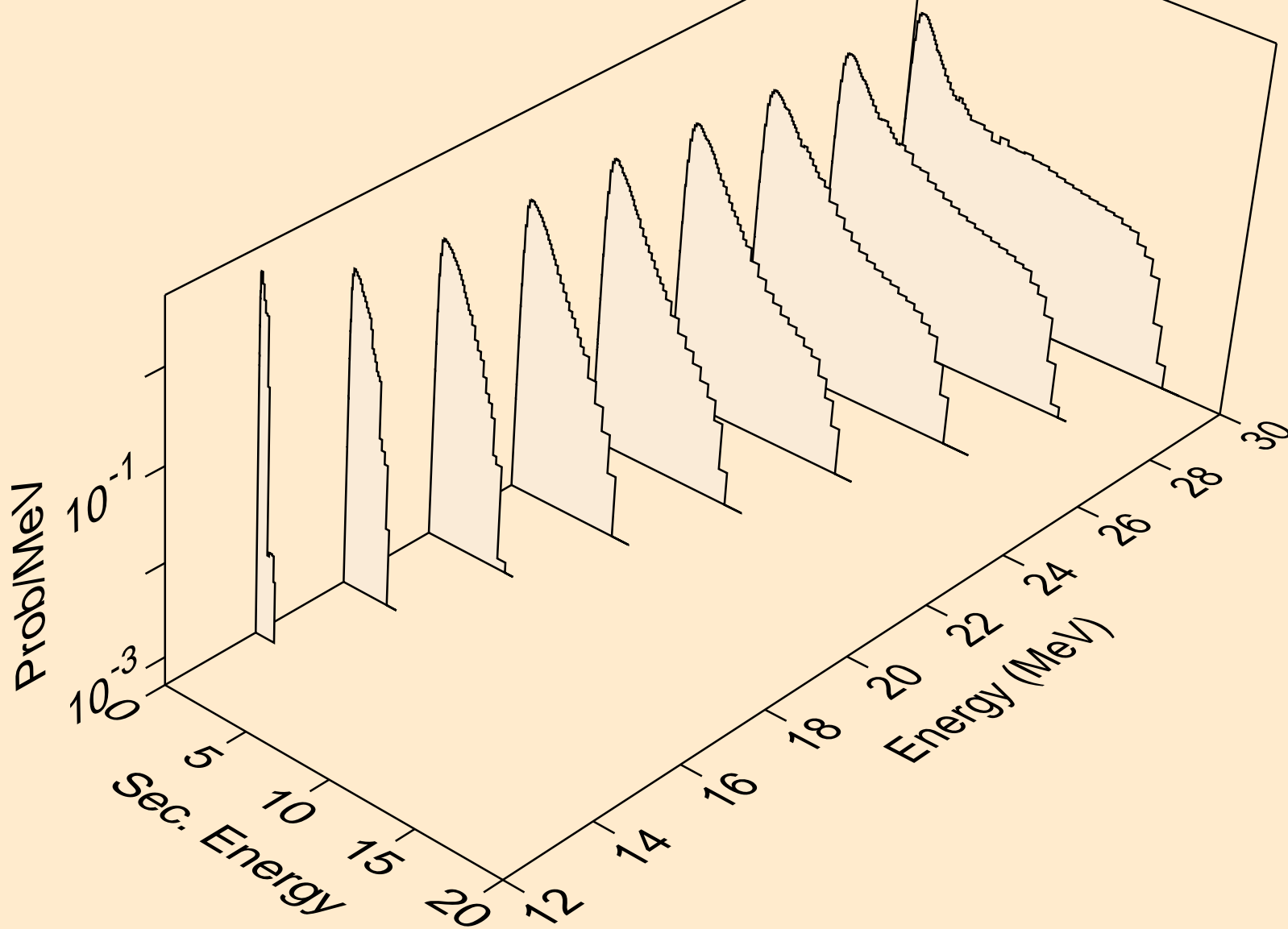
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

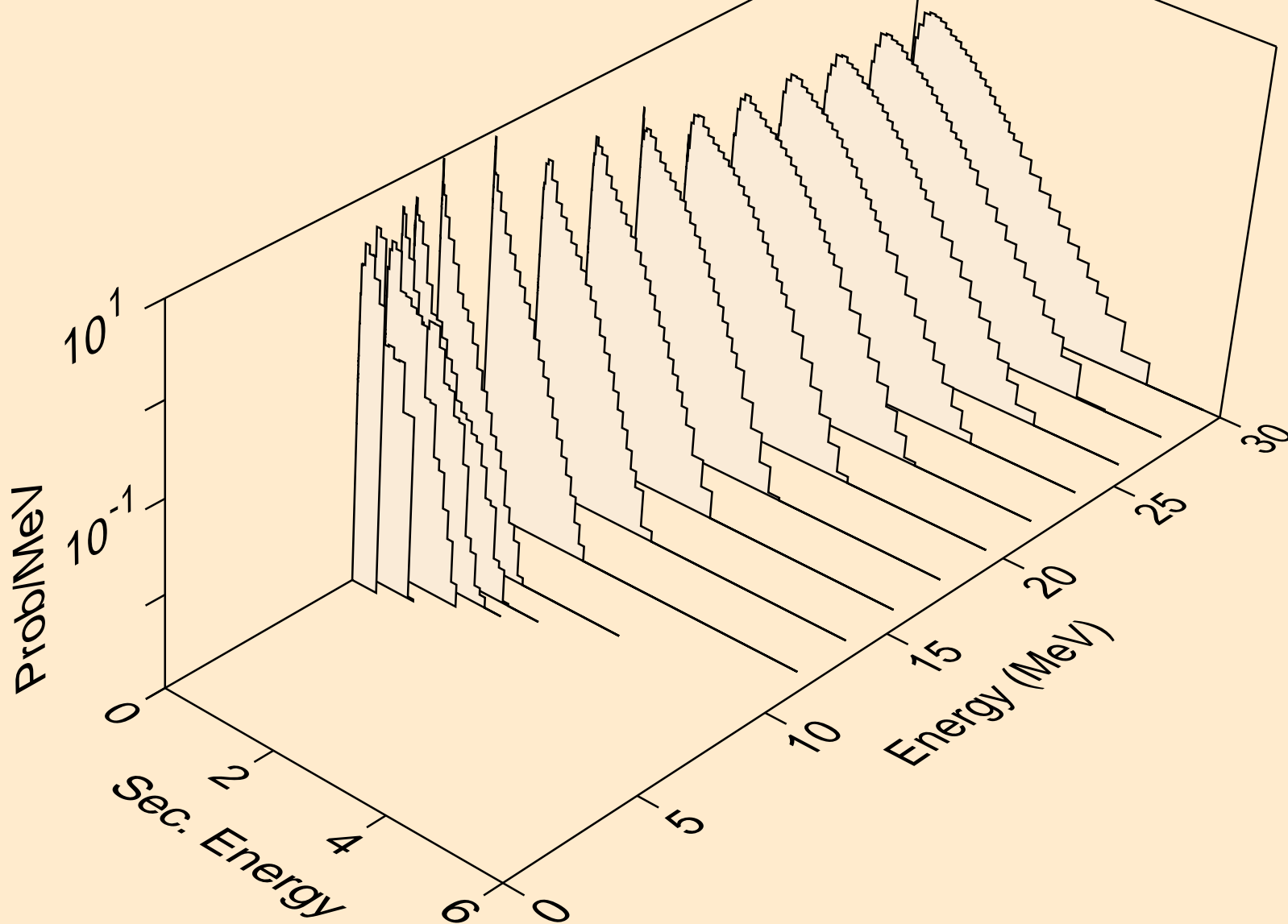


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

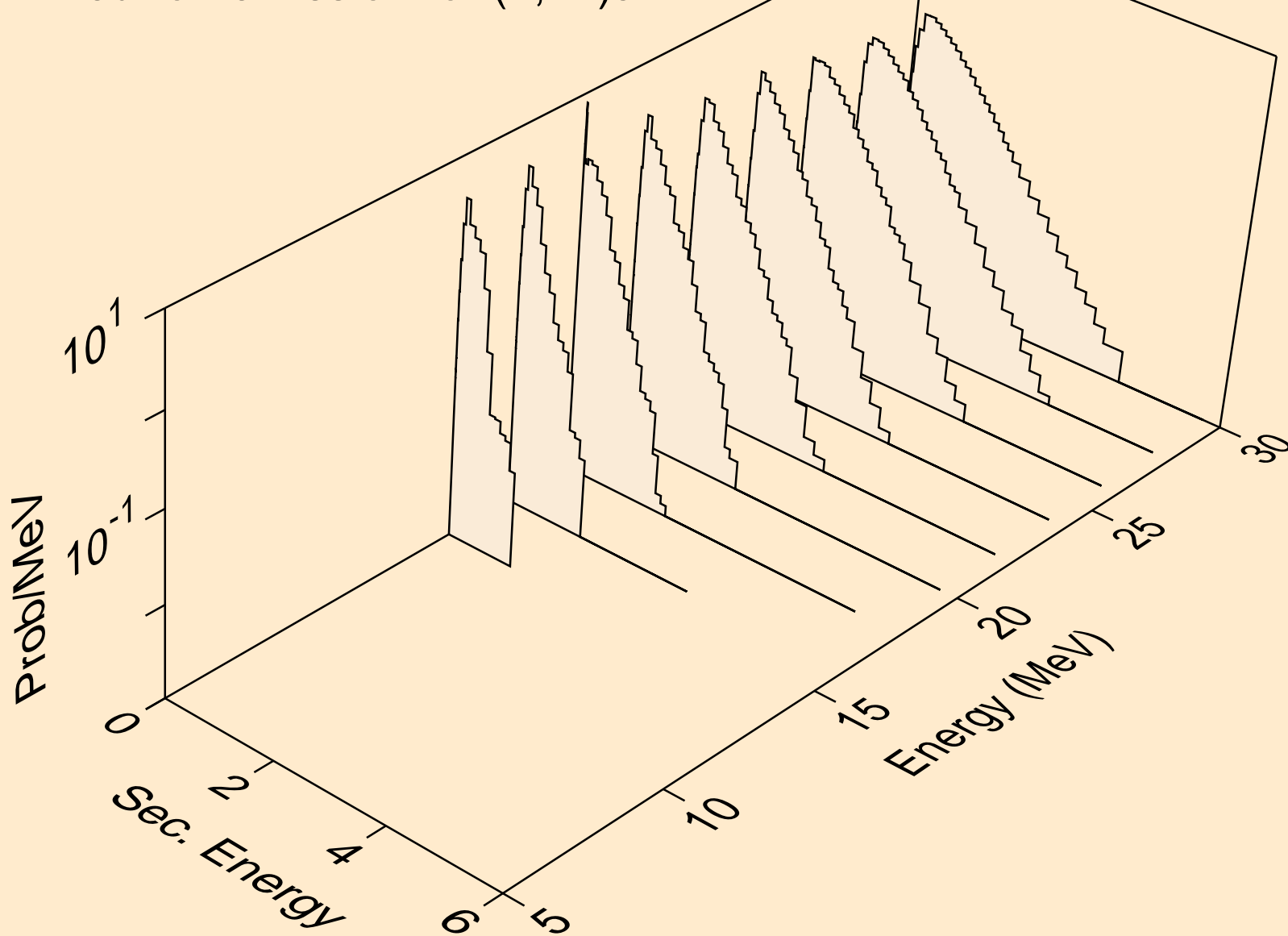




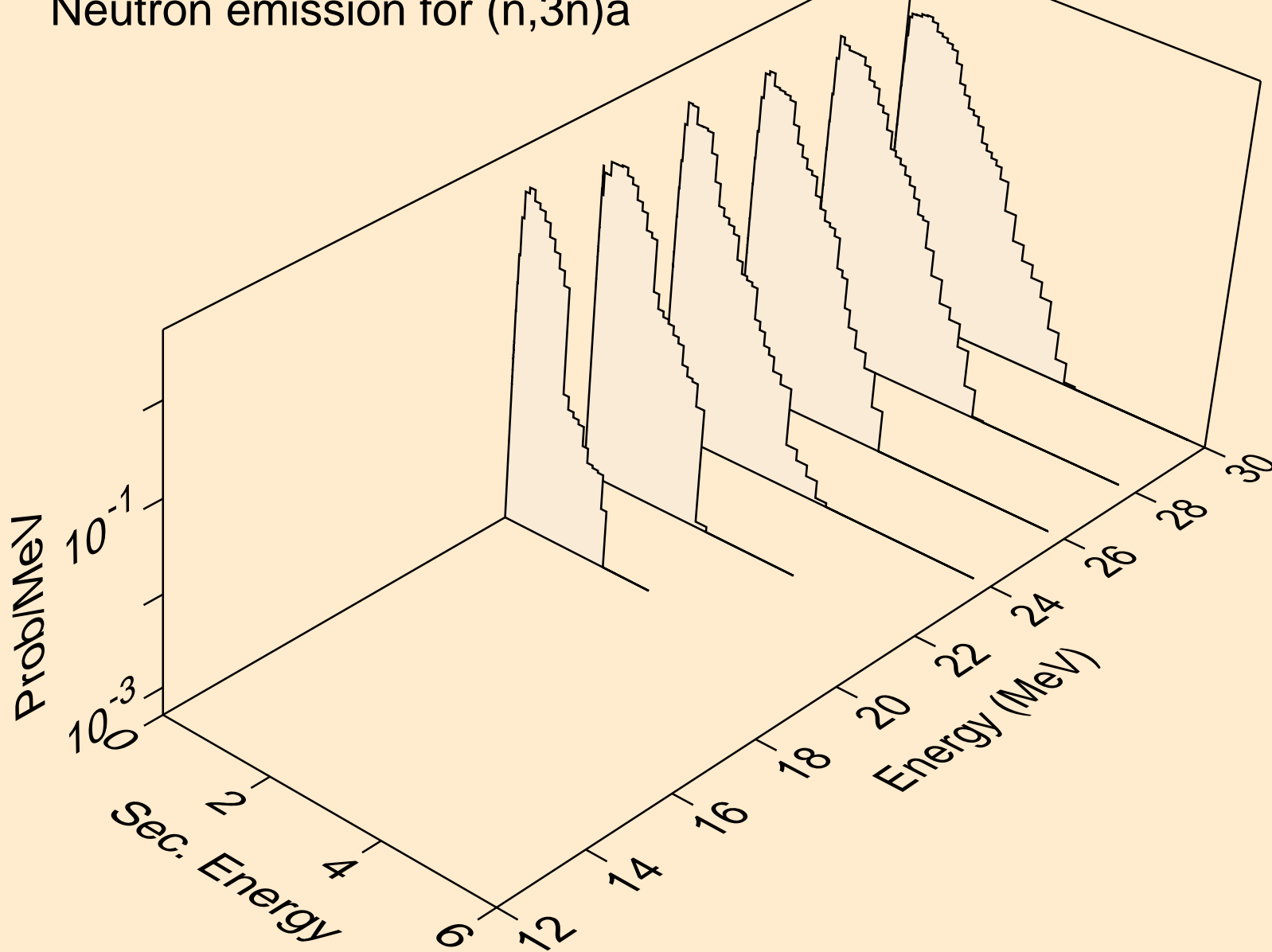
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



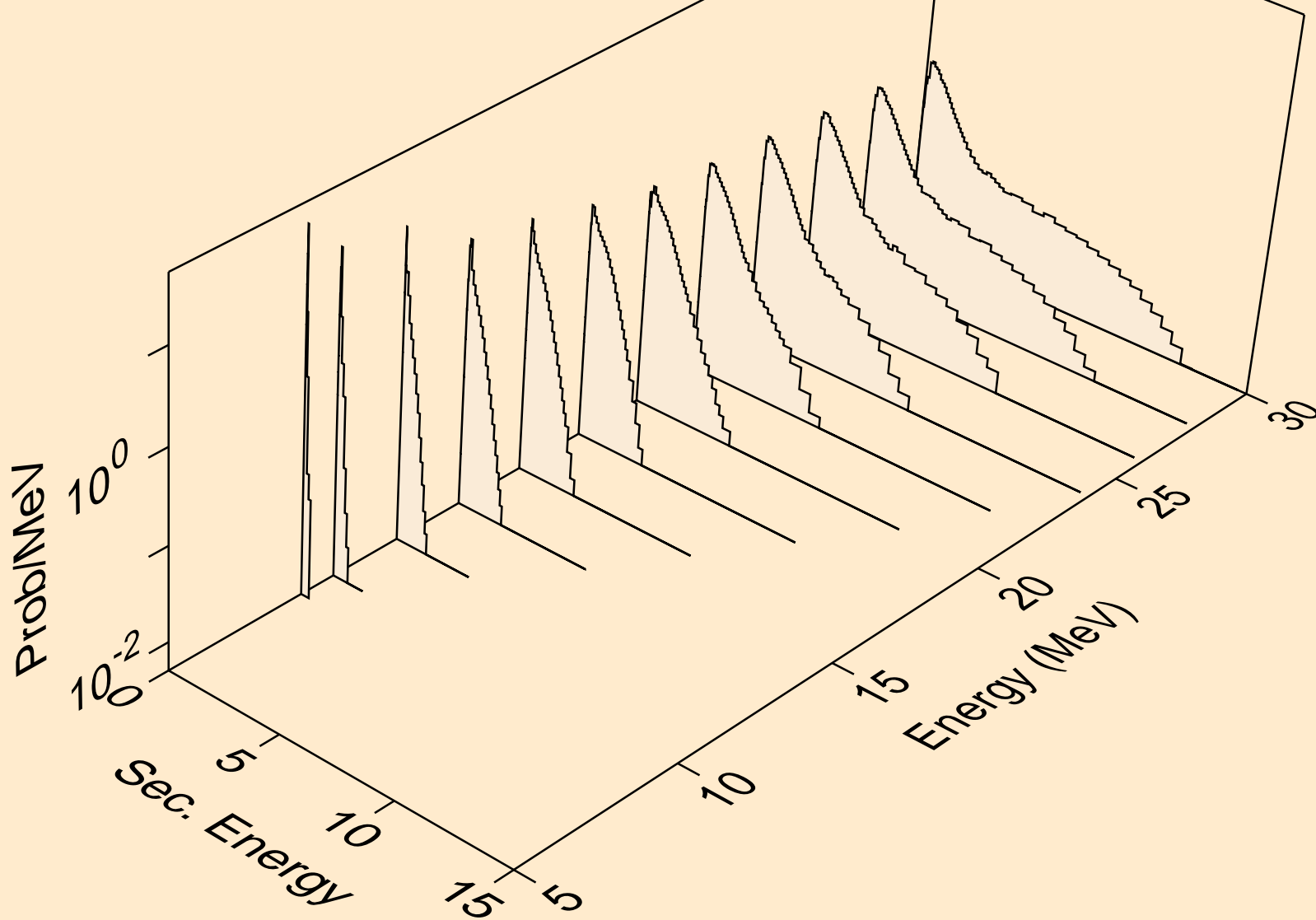
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)<sub>a</sub>



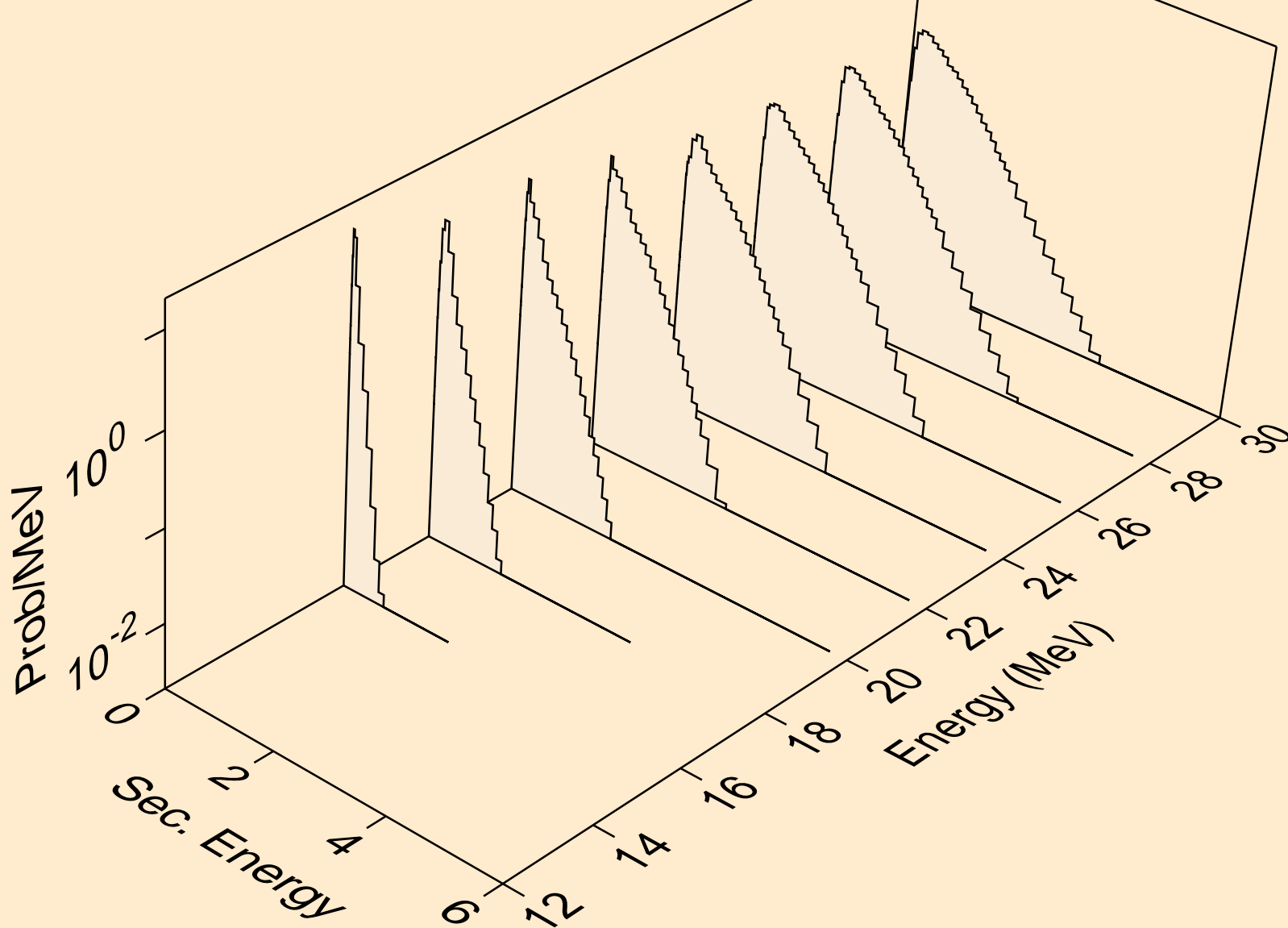
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



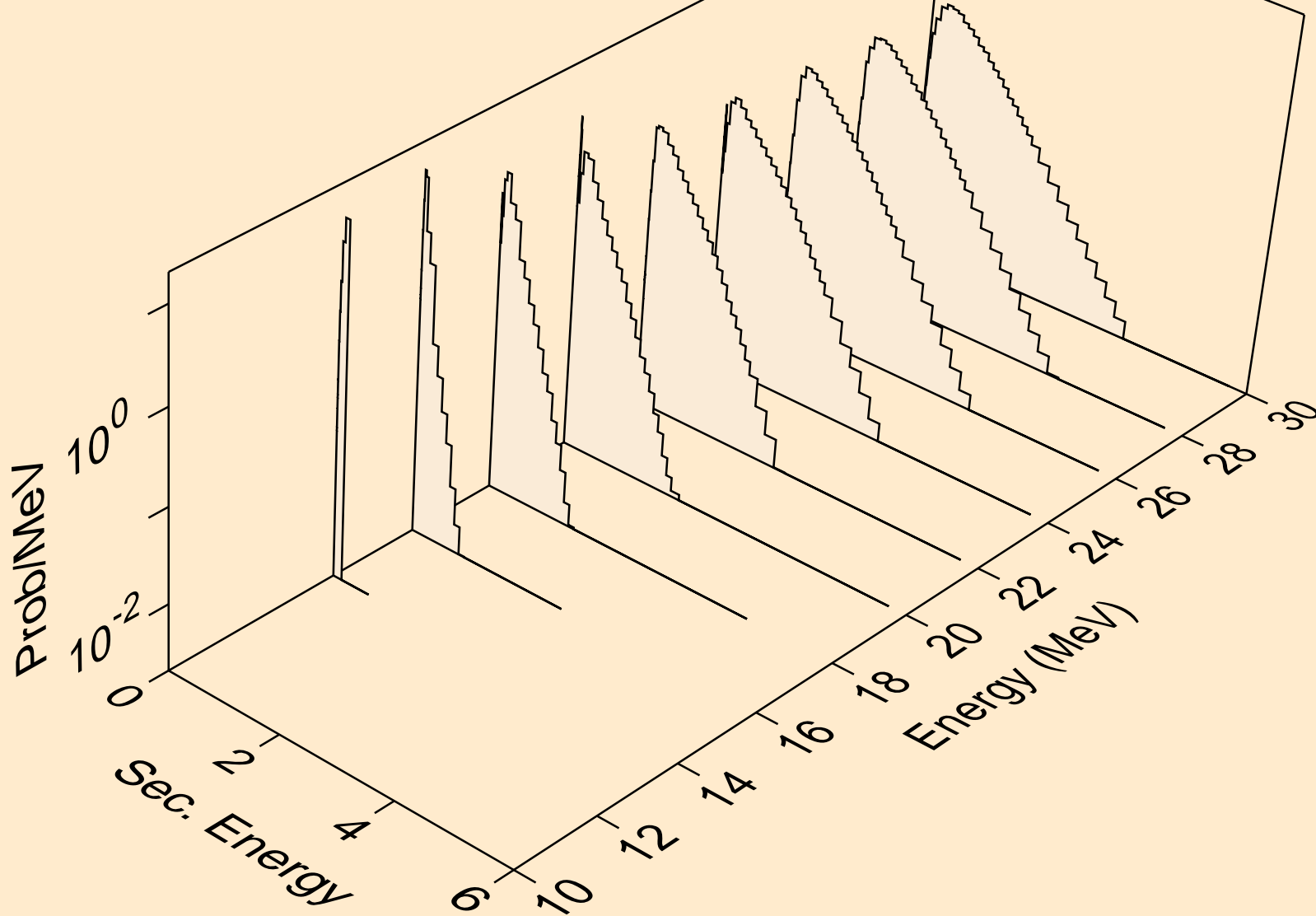
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



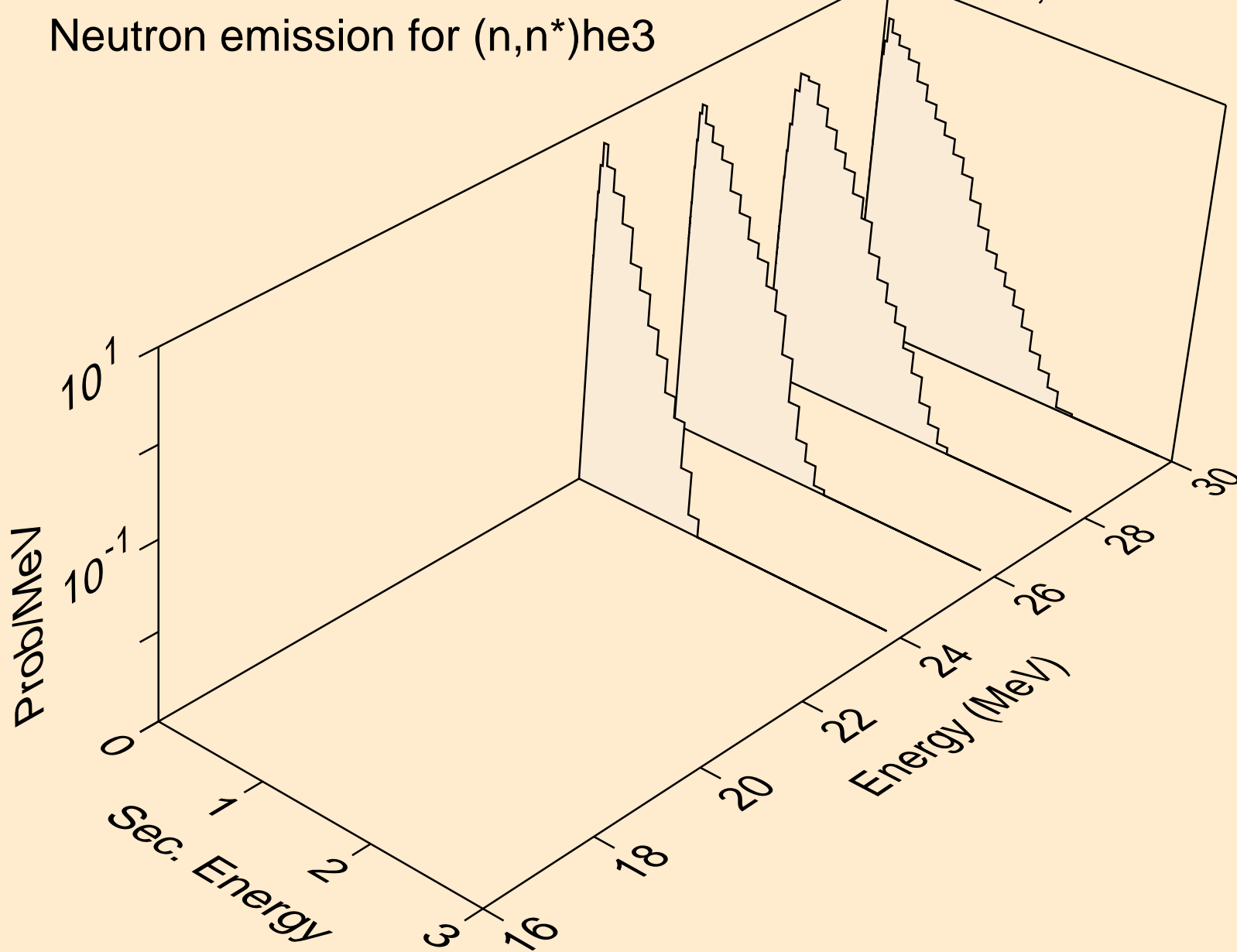
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



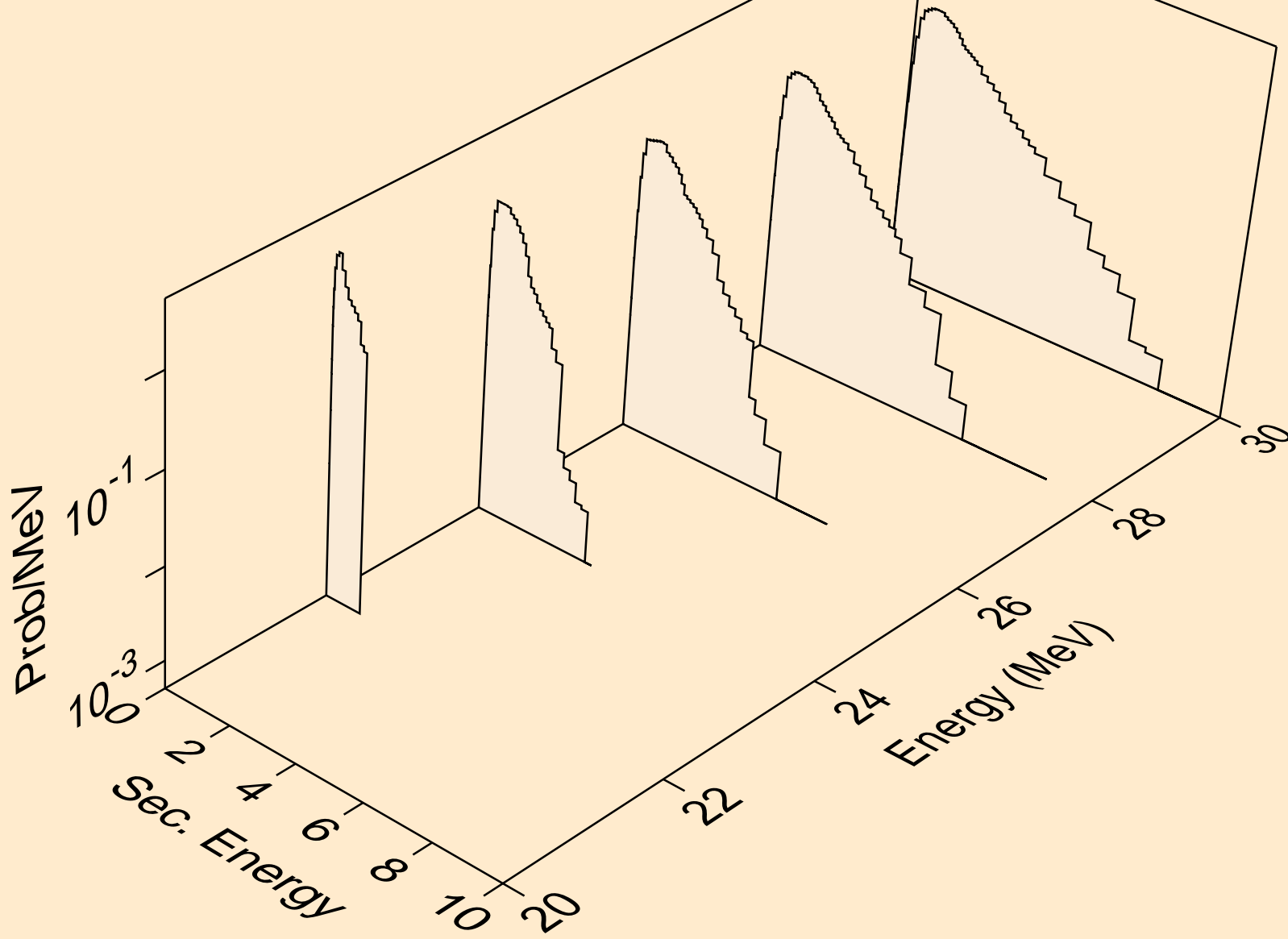
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

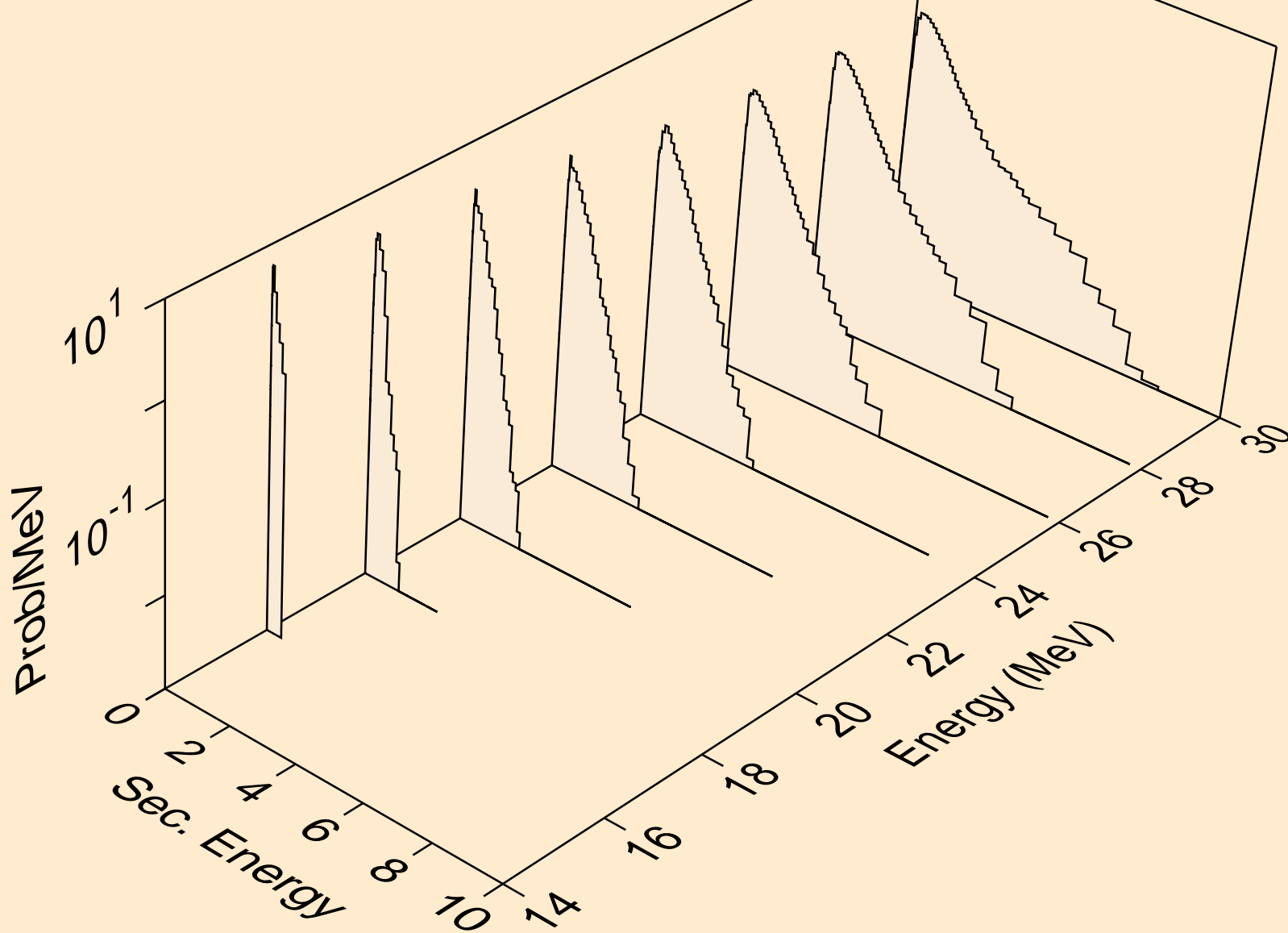


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

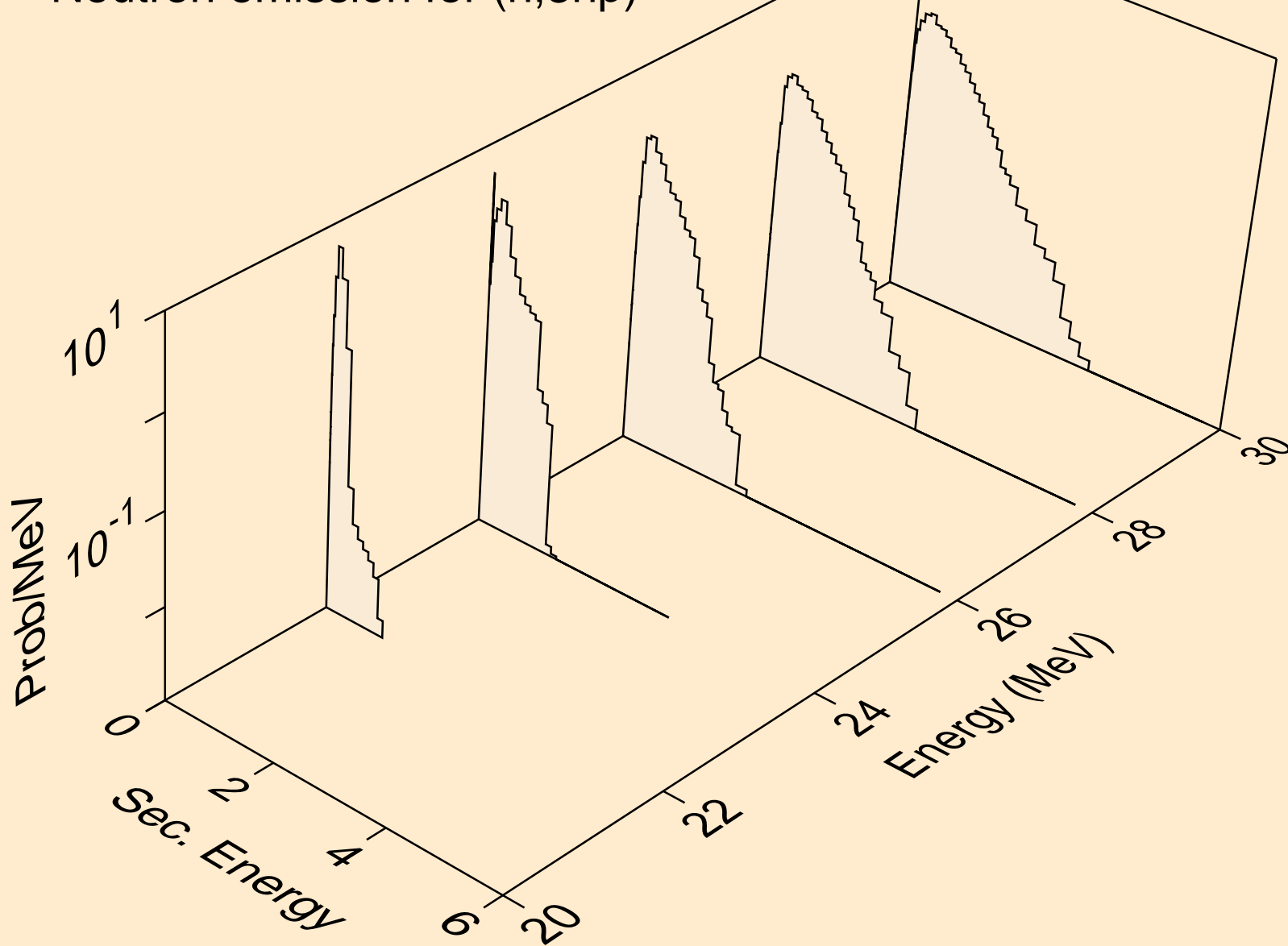




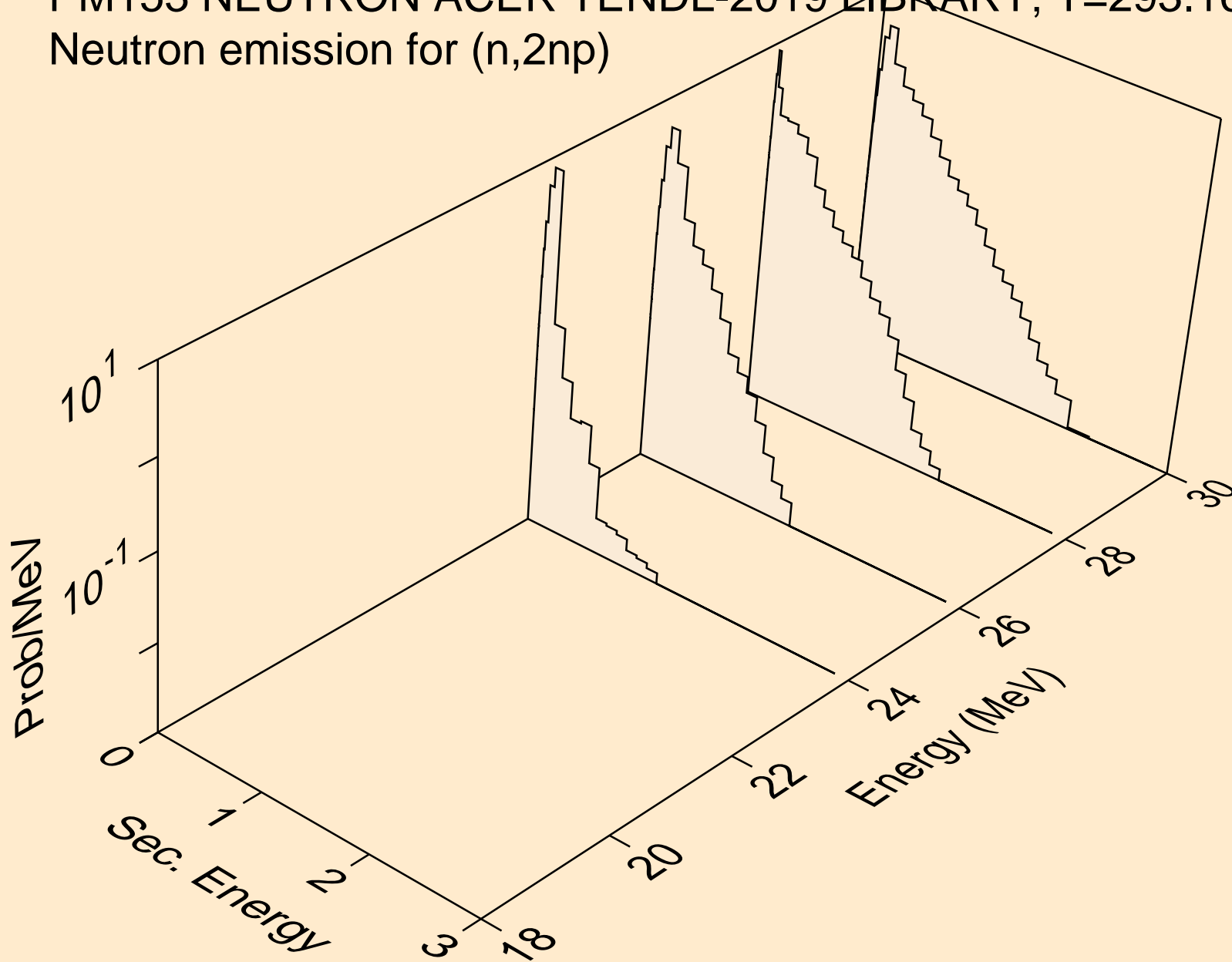
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



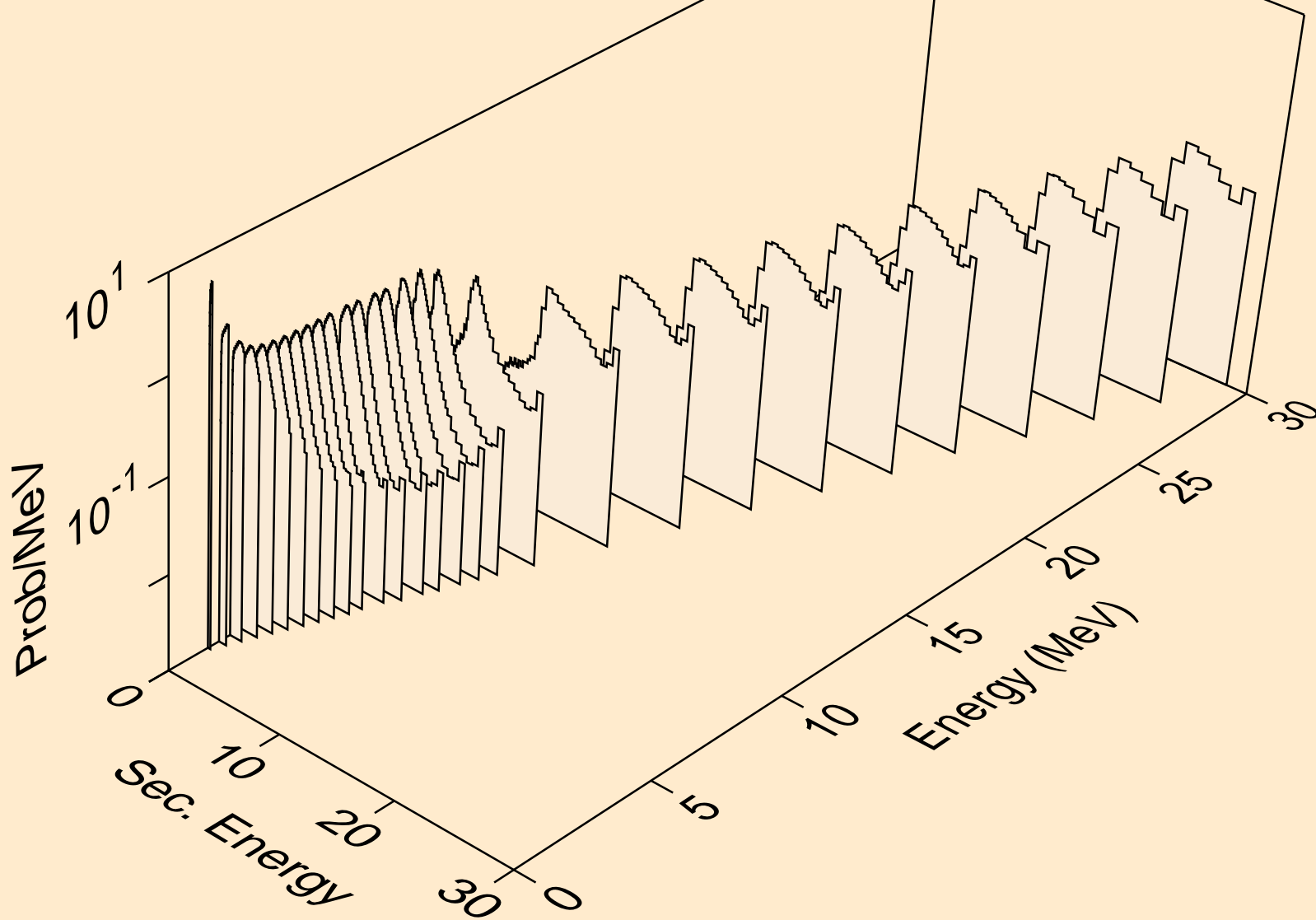
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



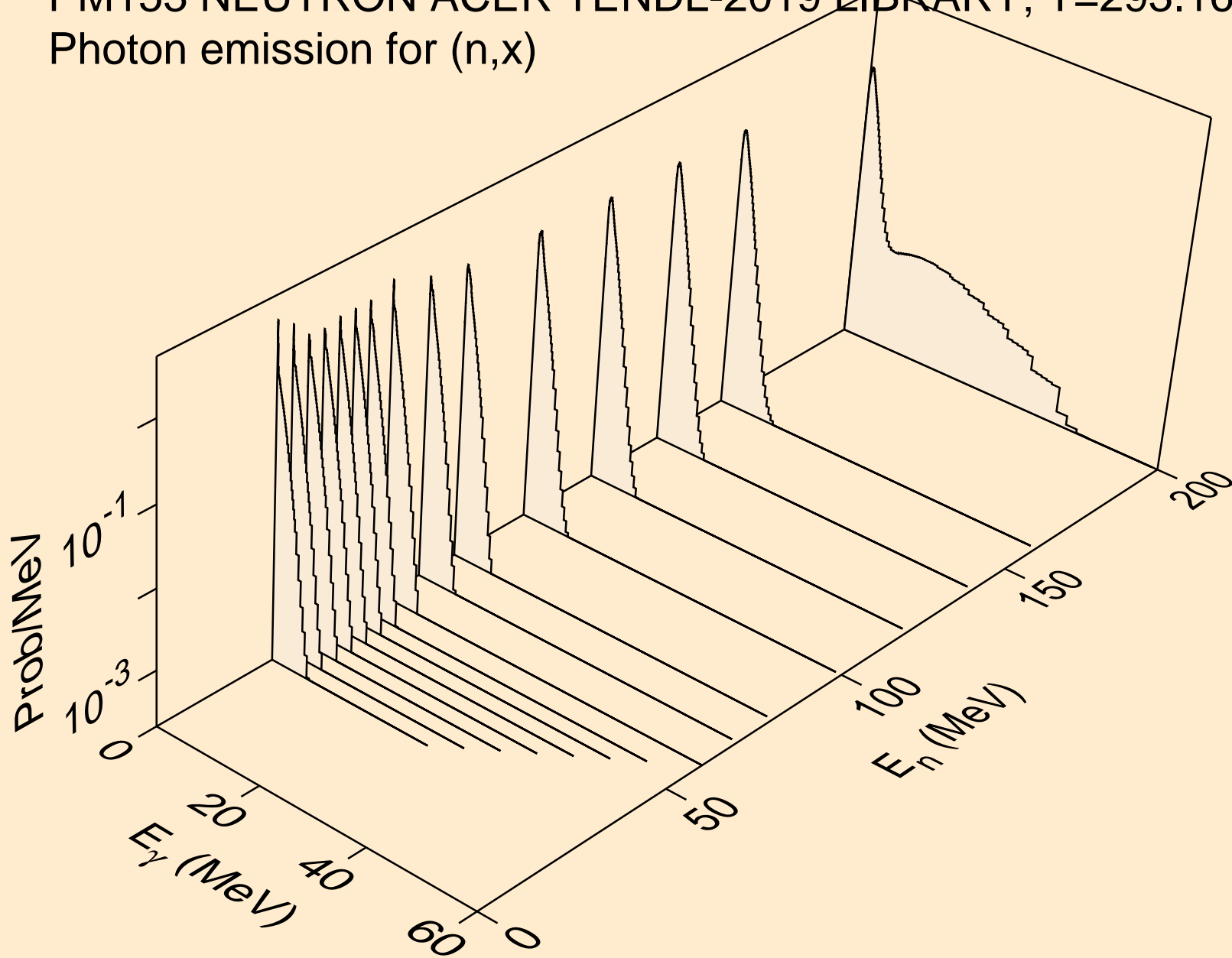
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



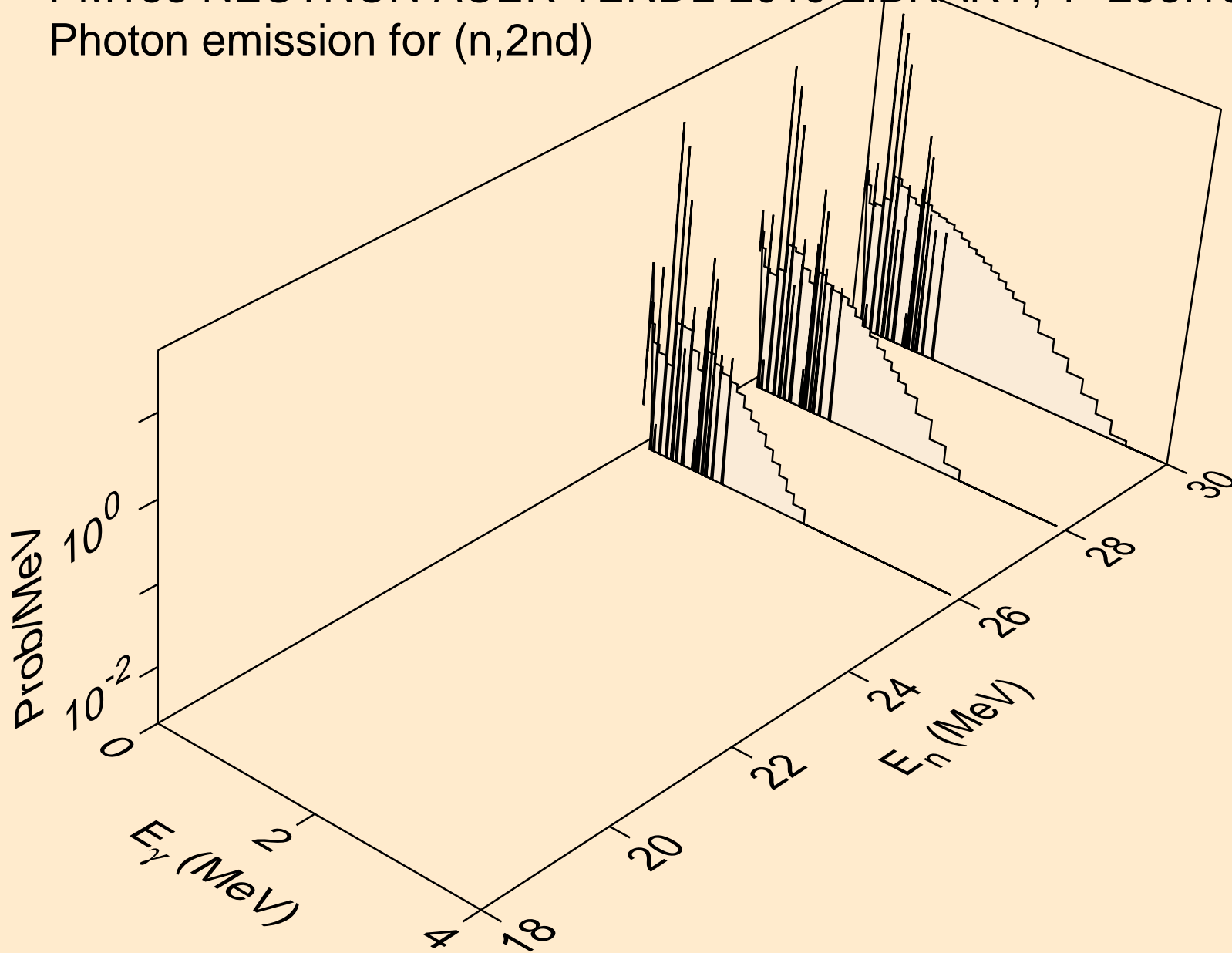
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



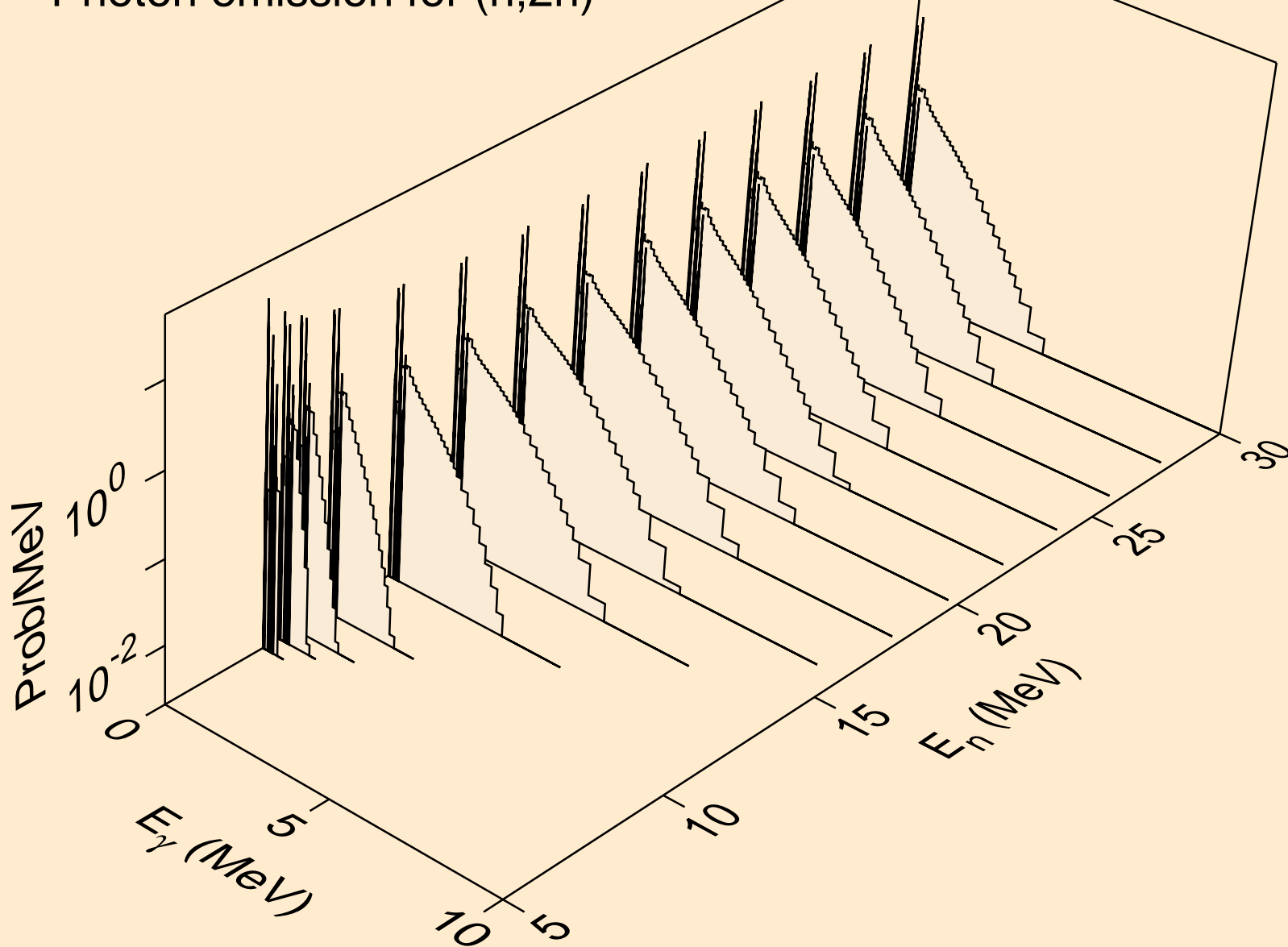
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



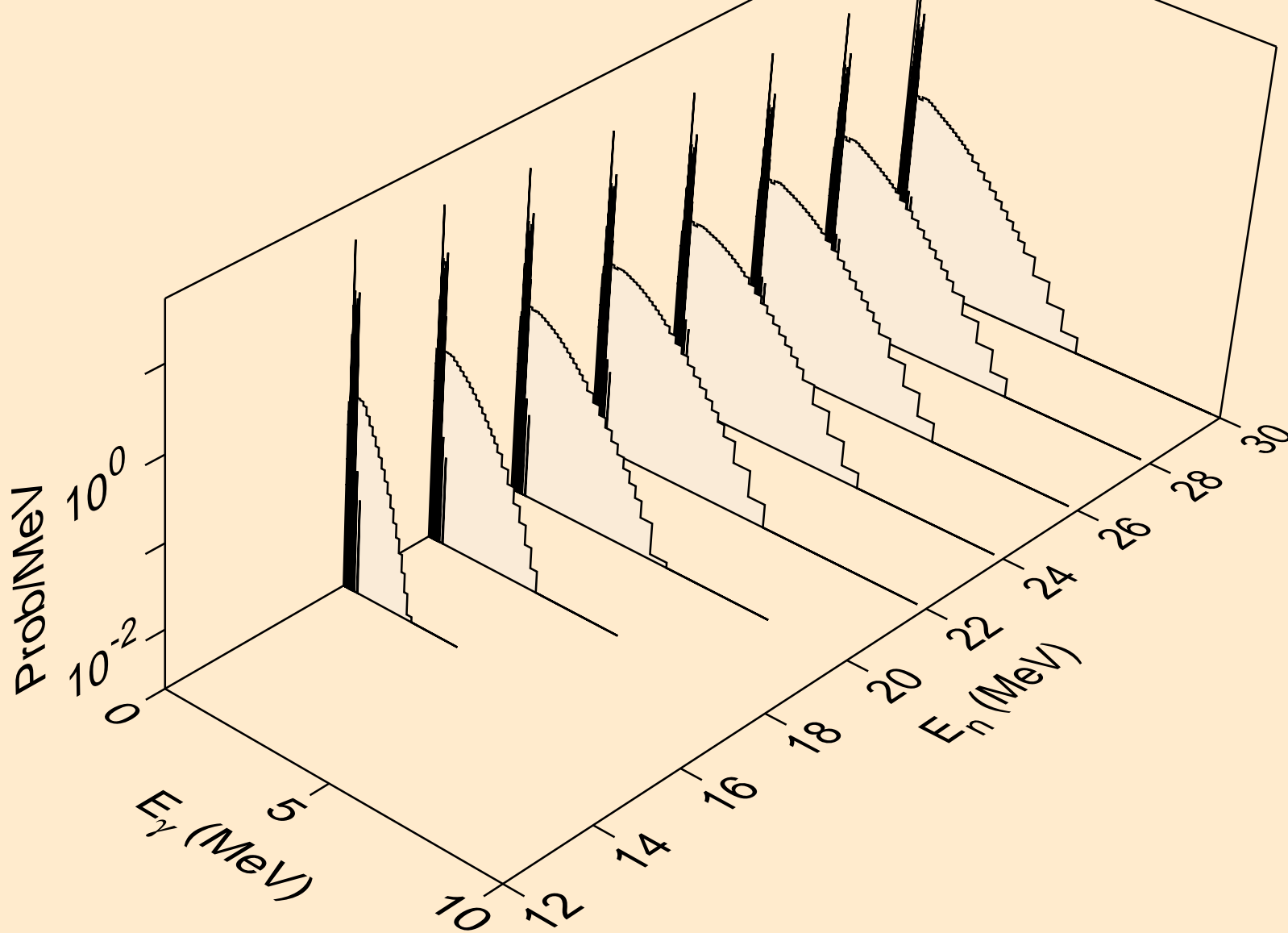
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

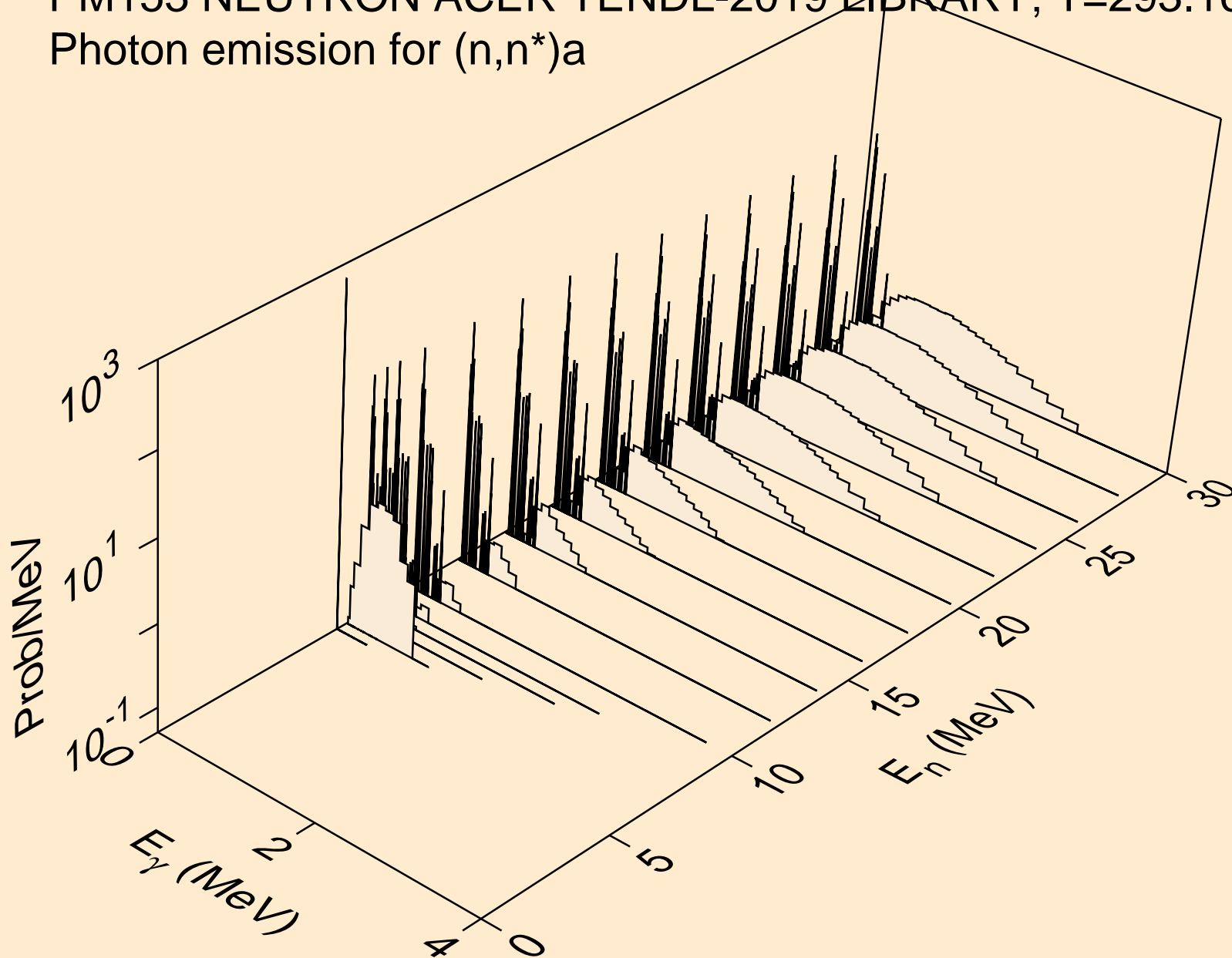


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

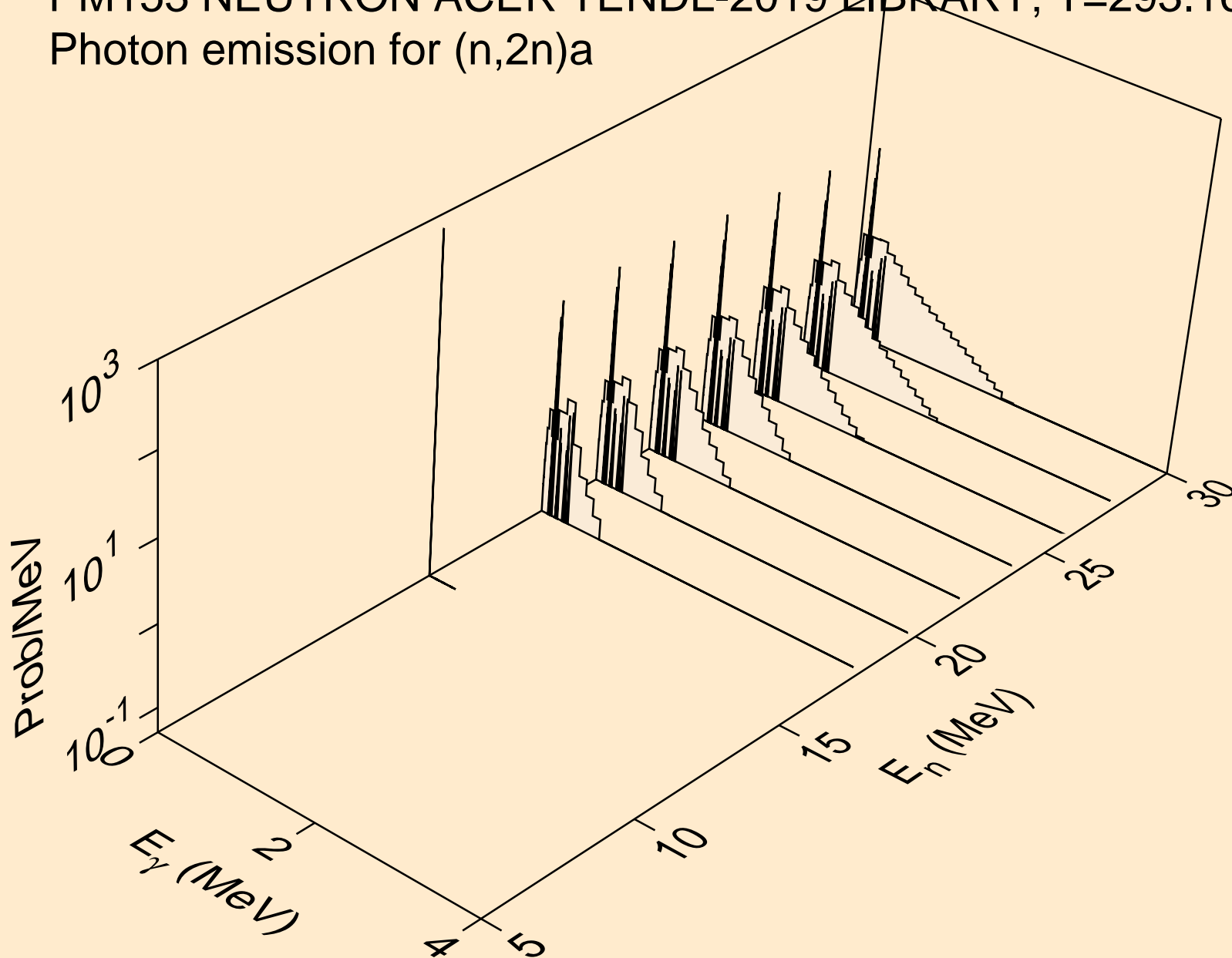




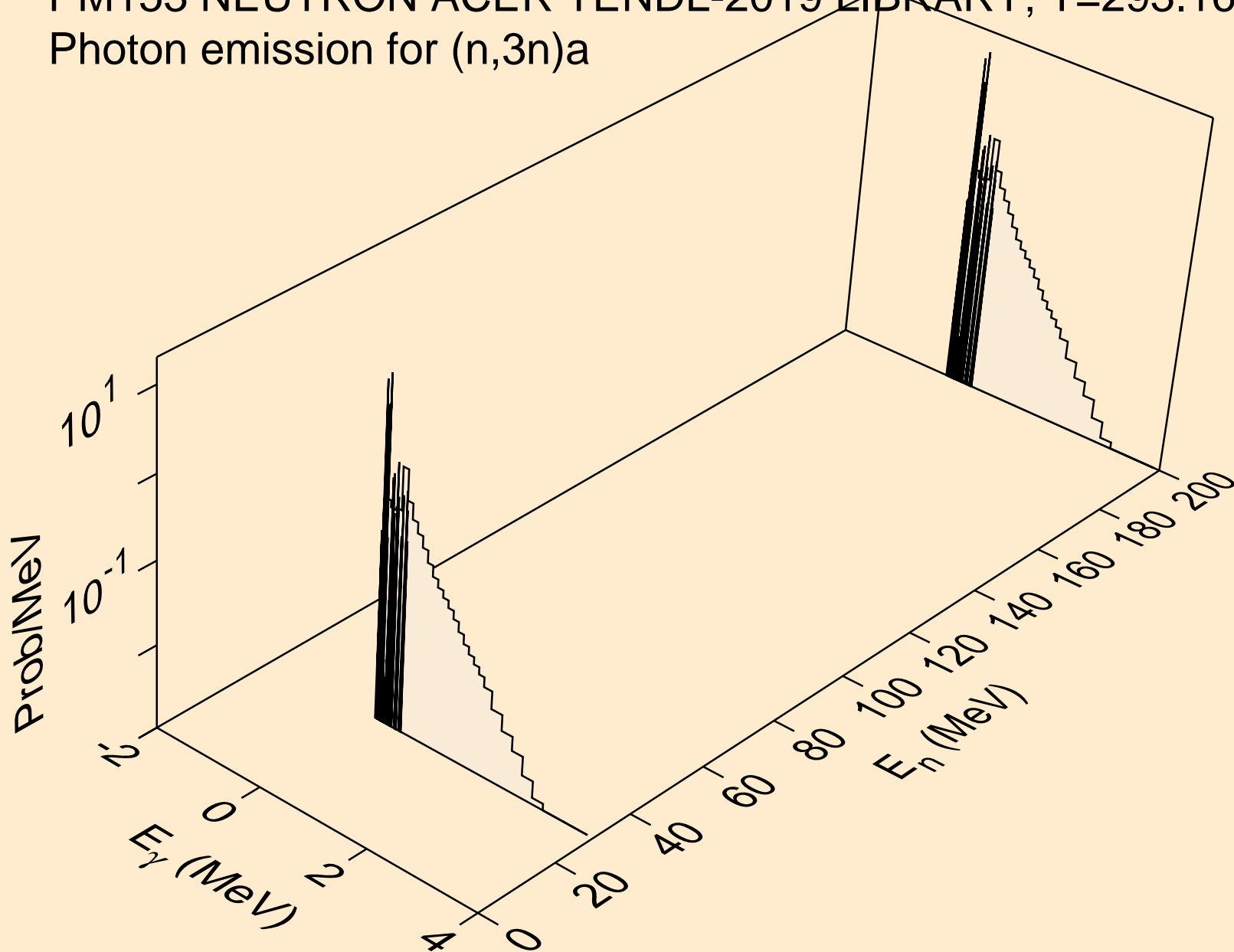
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



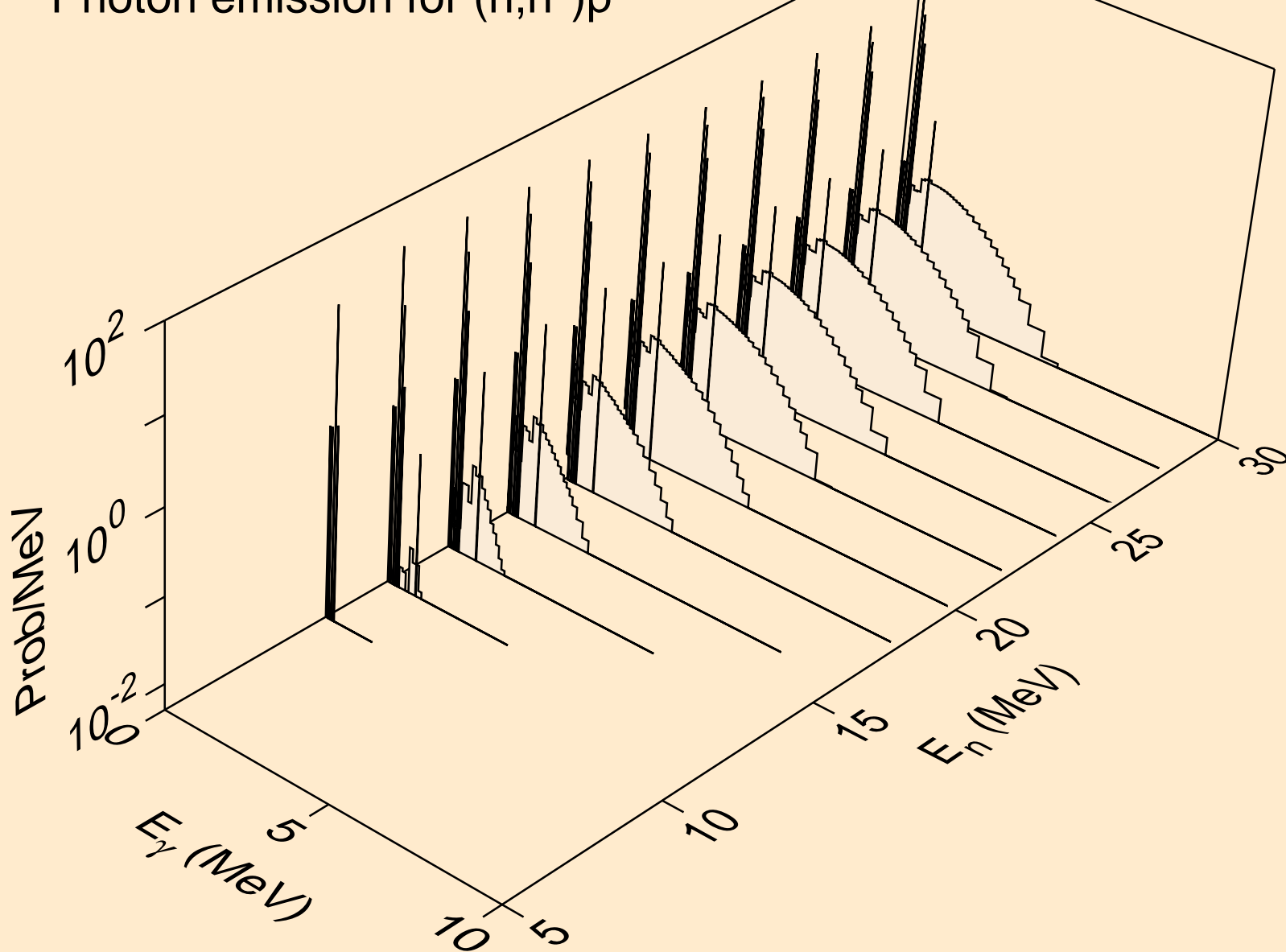
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



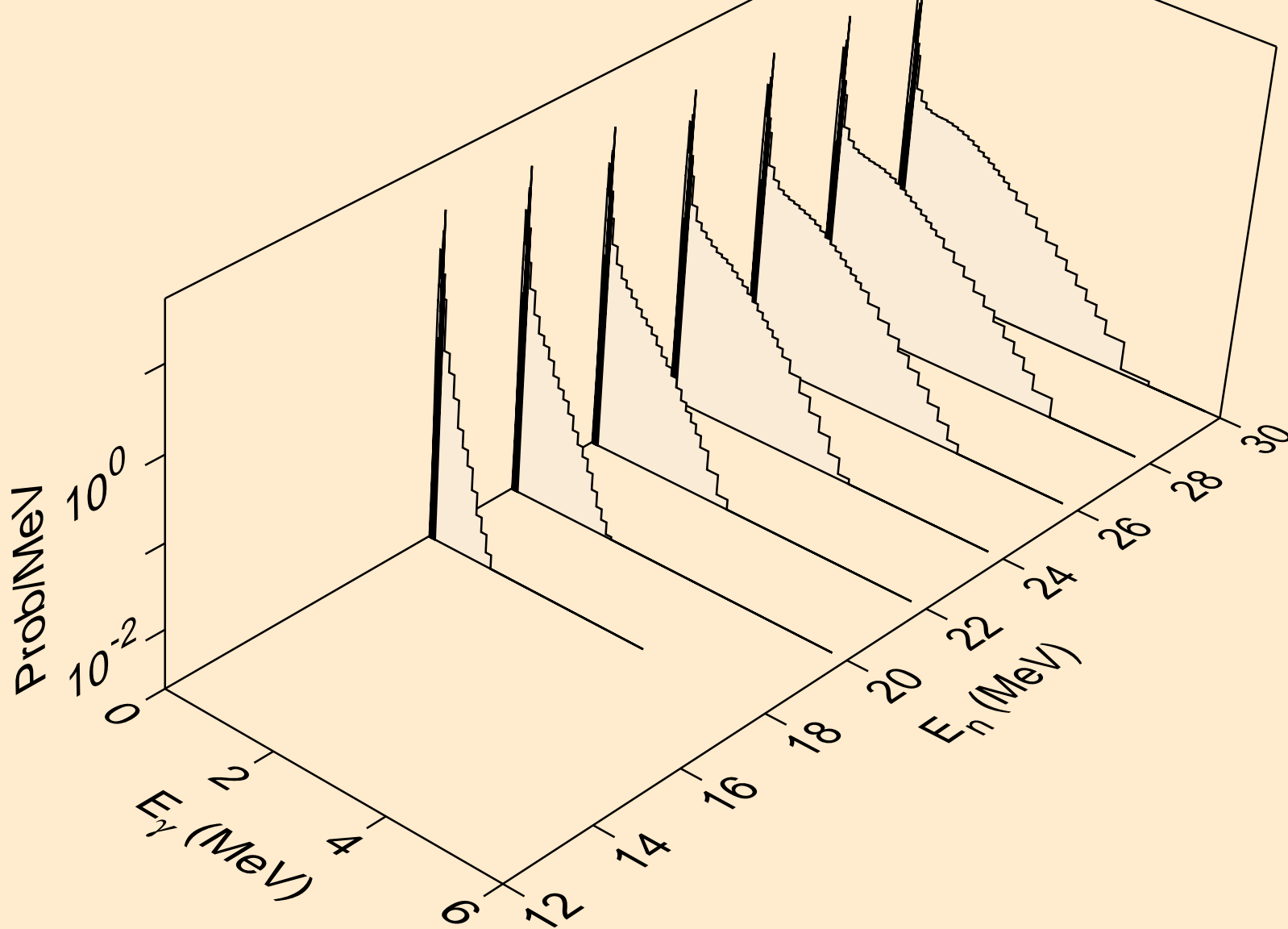
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



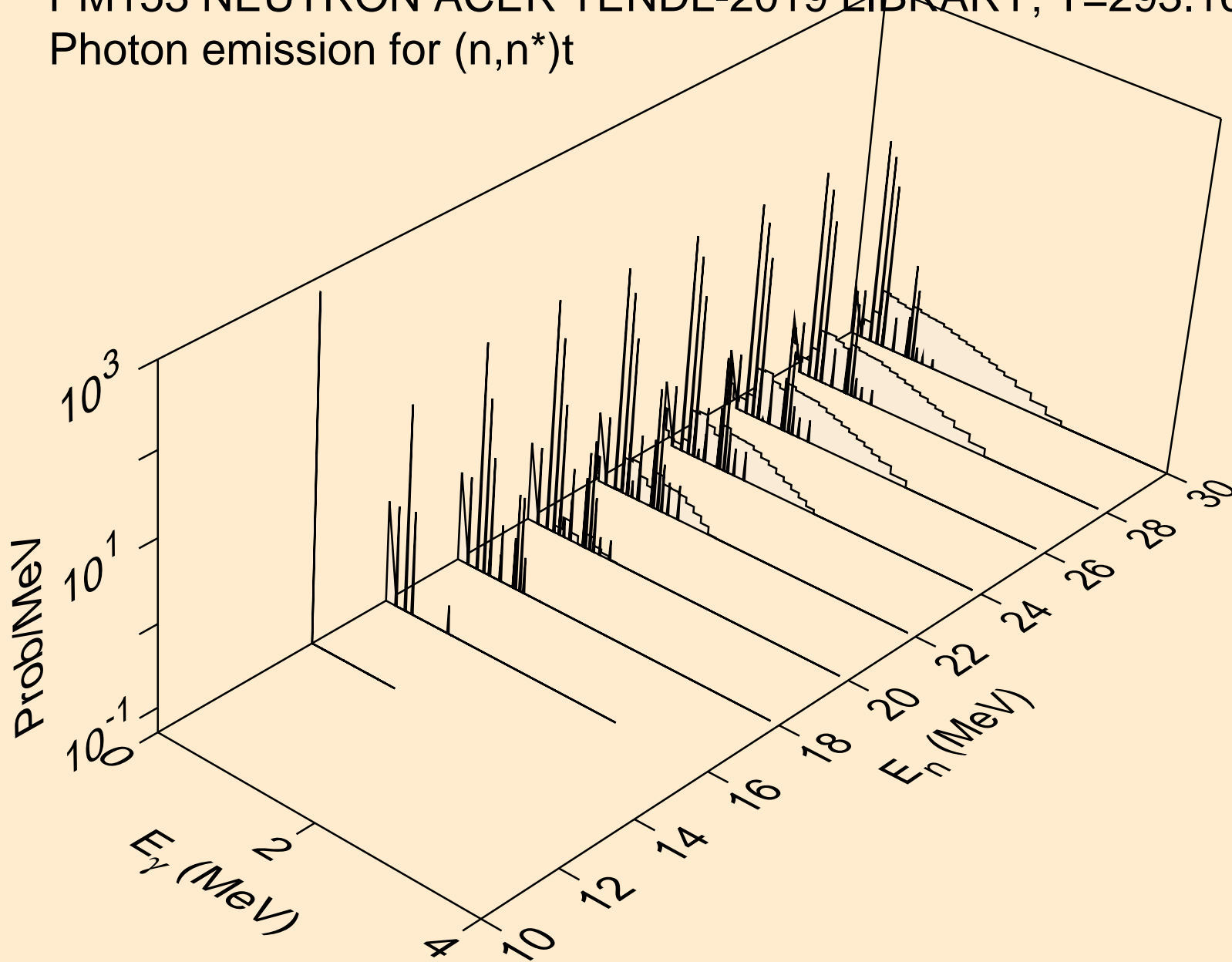
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



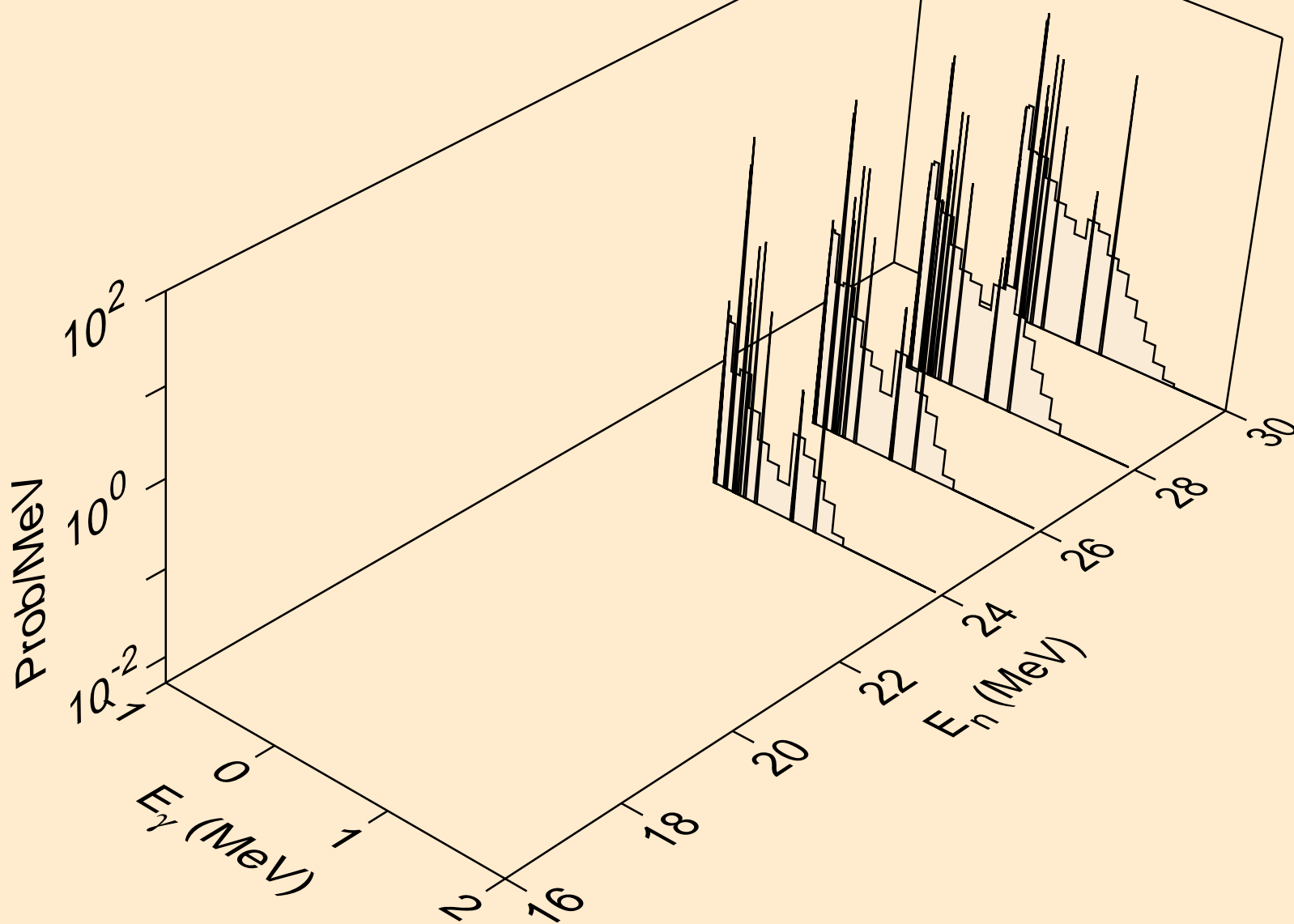
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



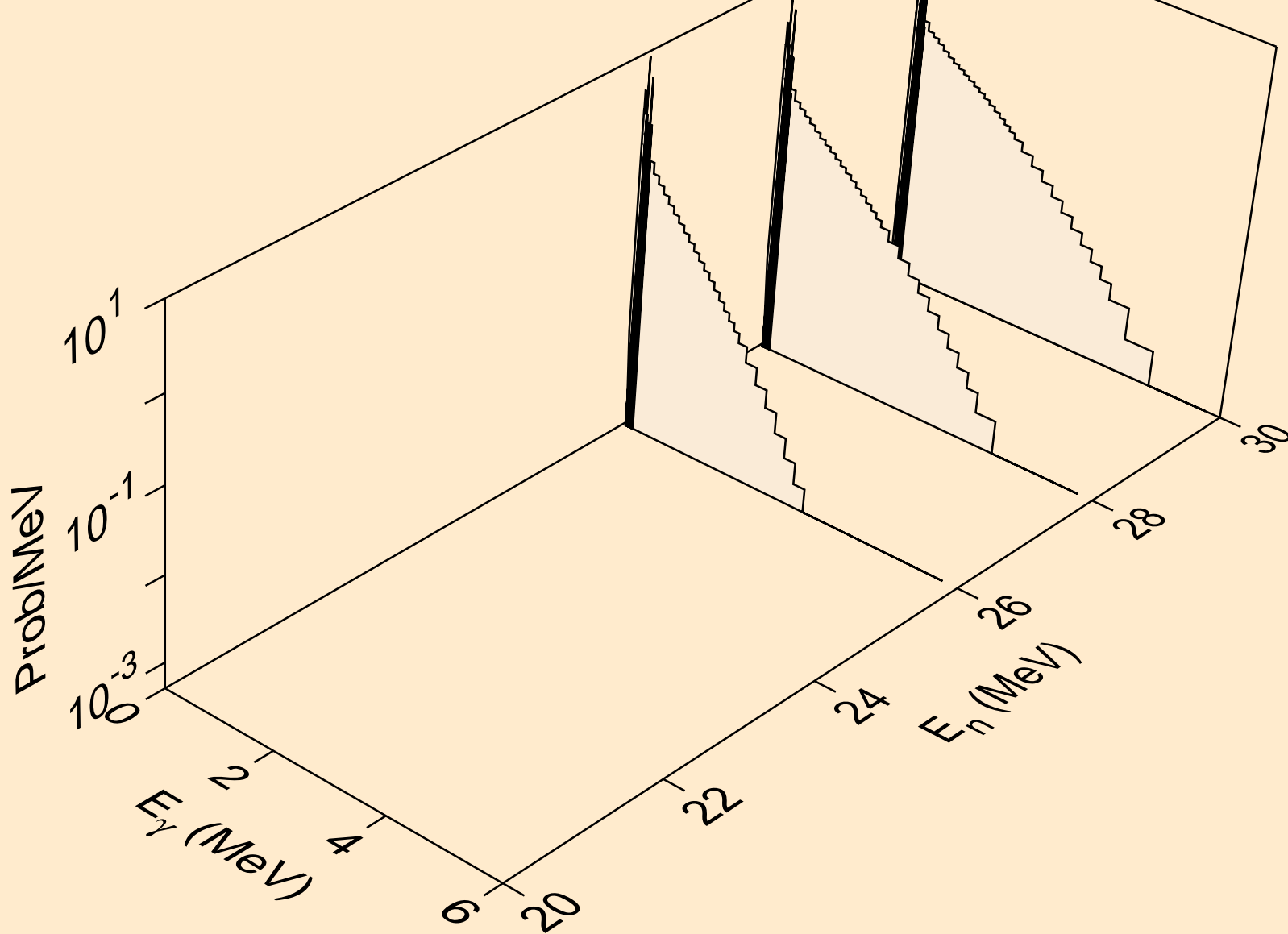
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

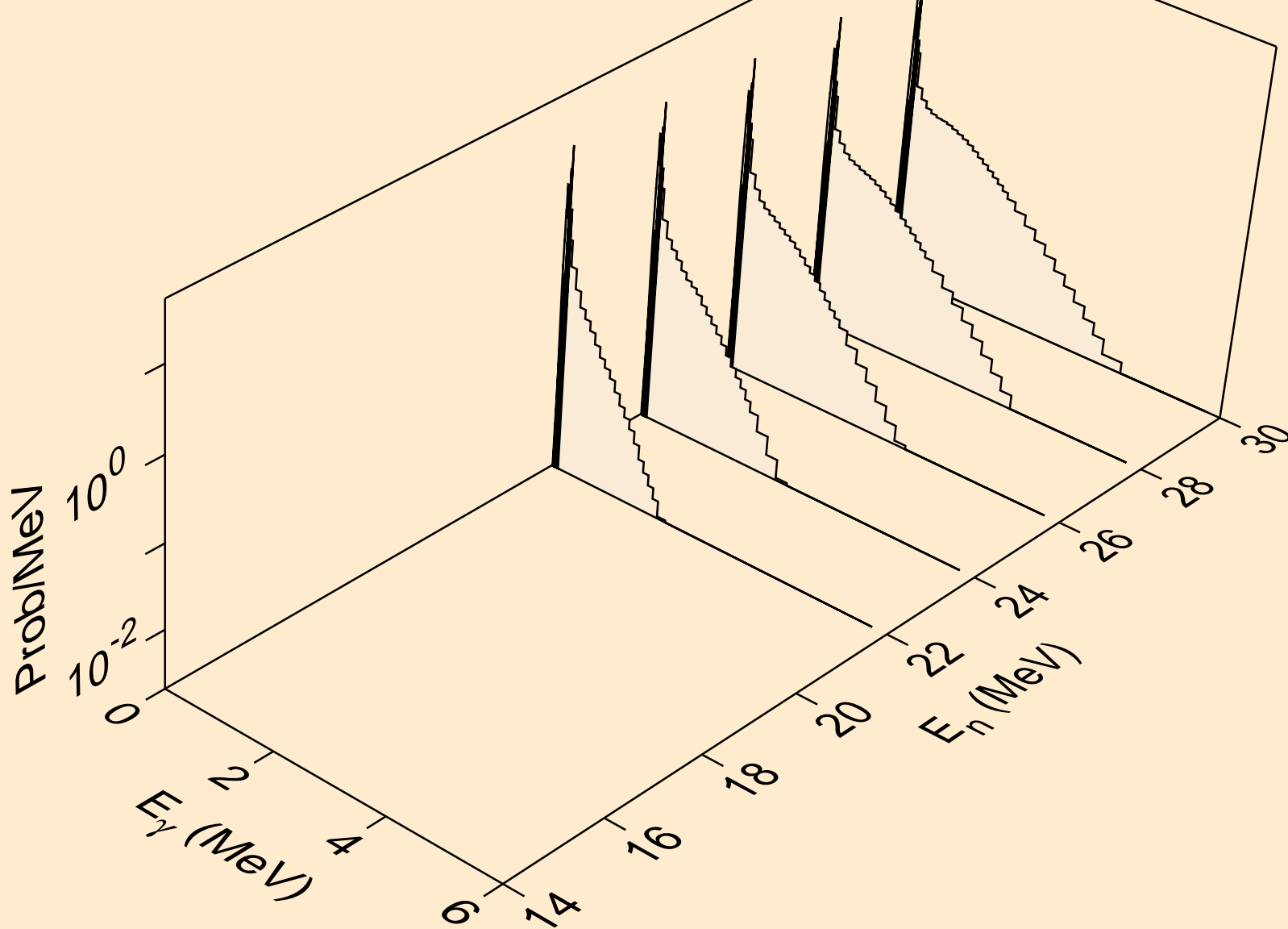


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)

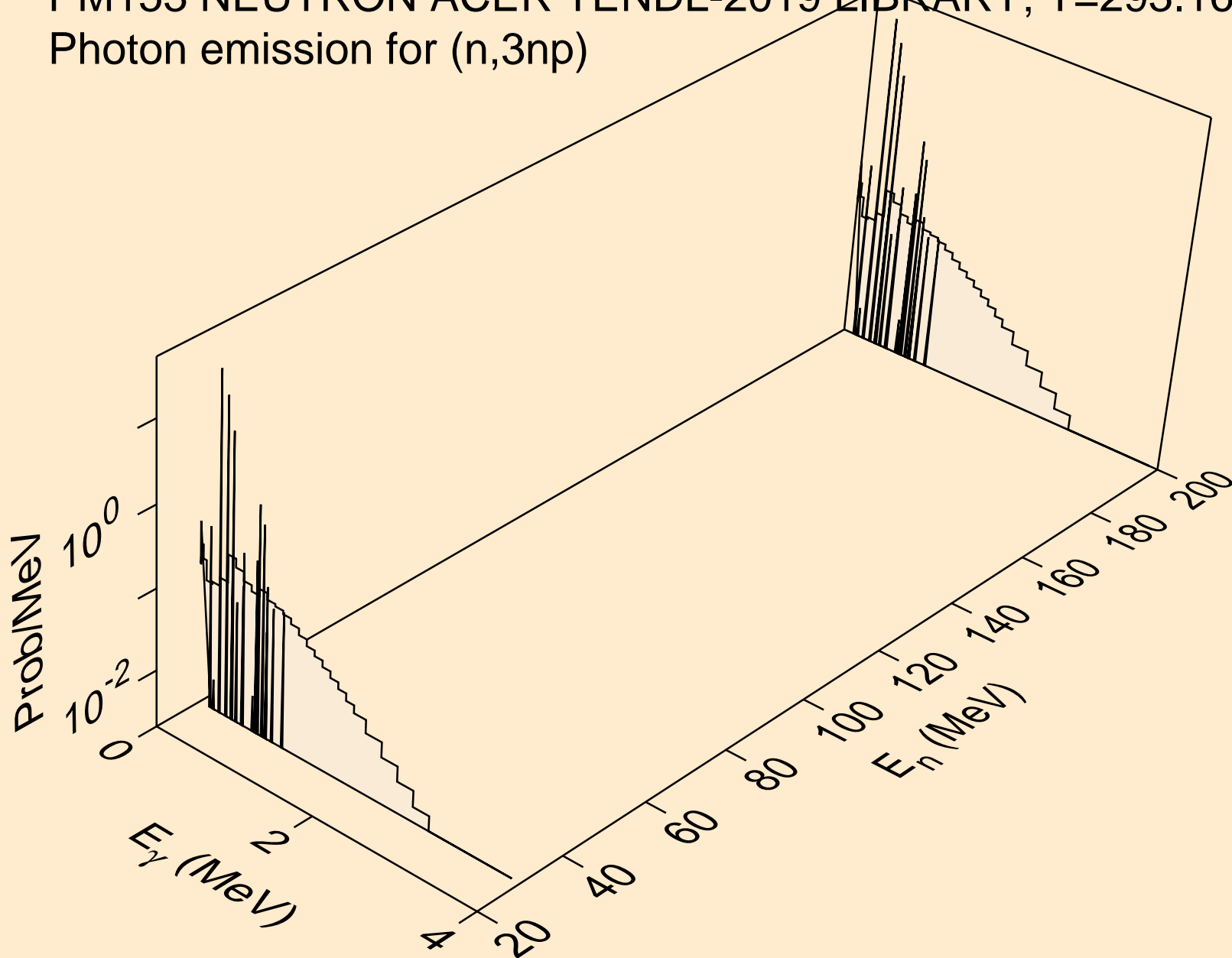




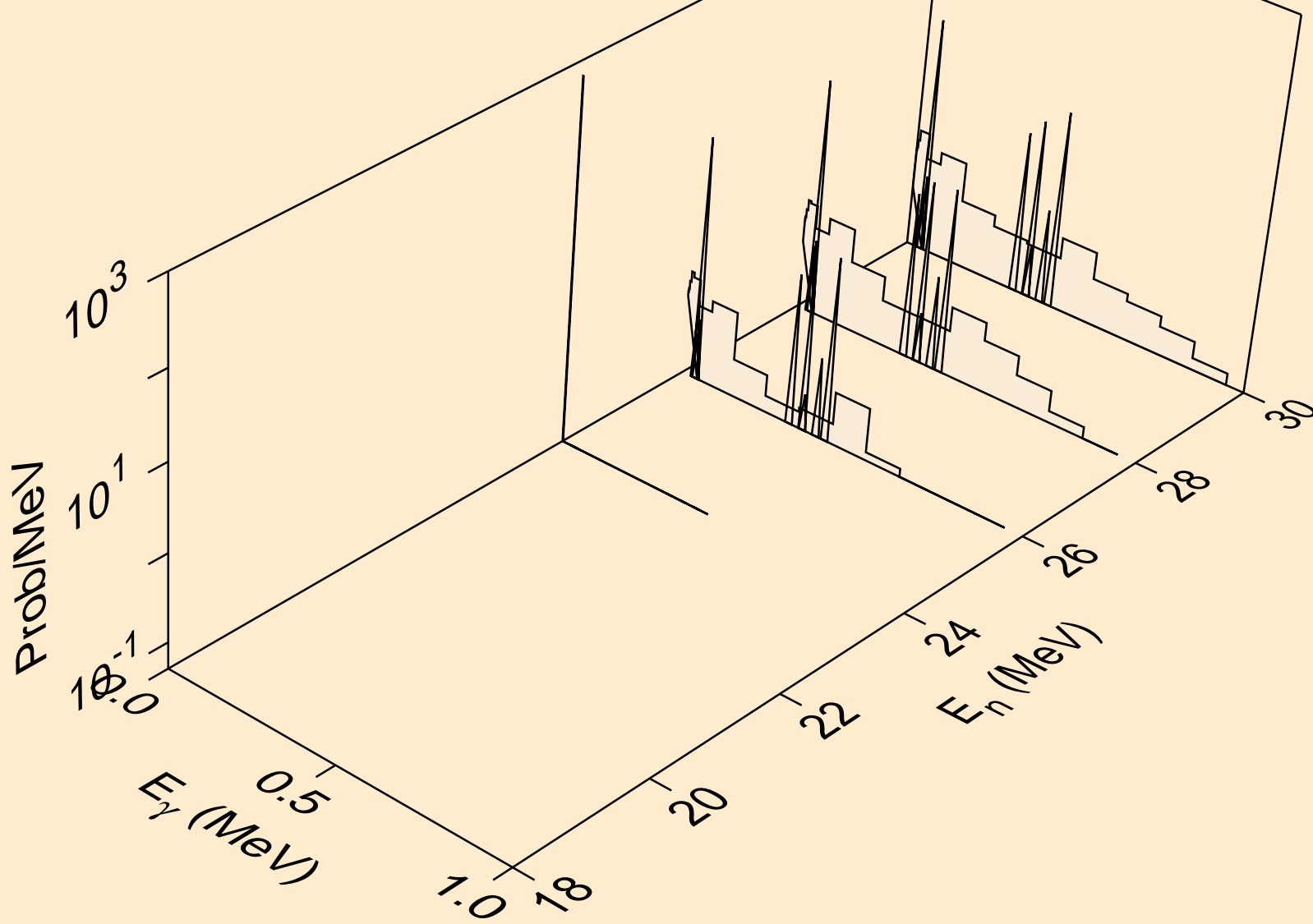
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



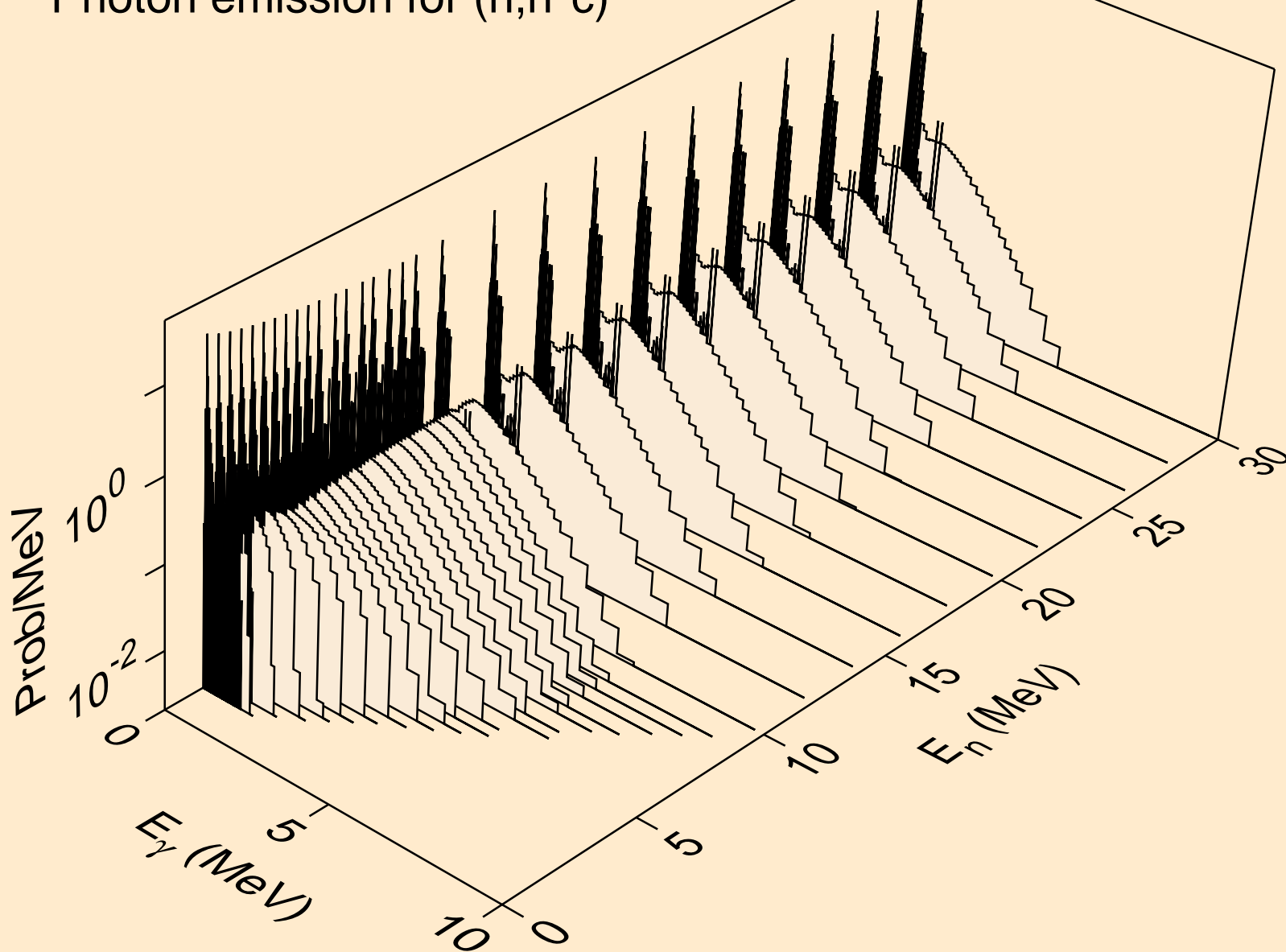
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



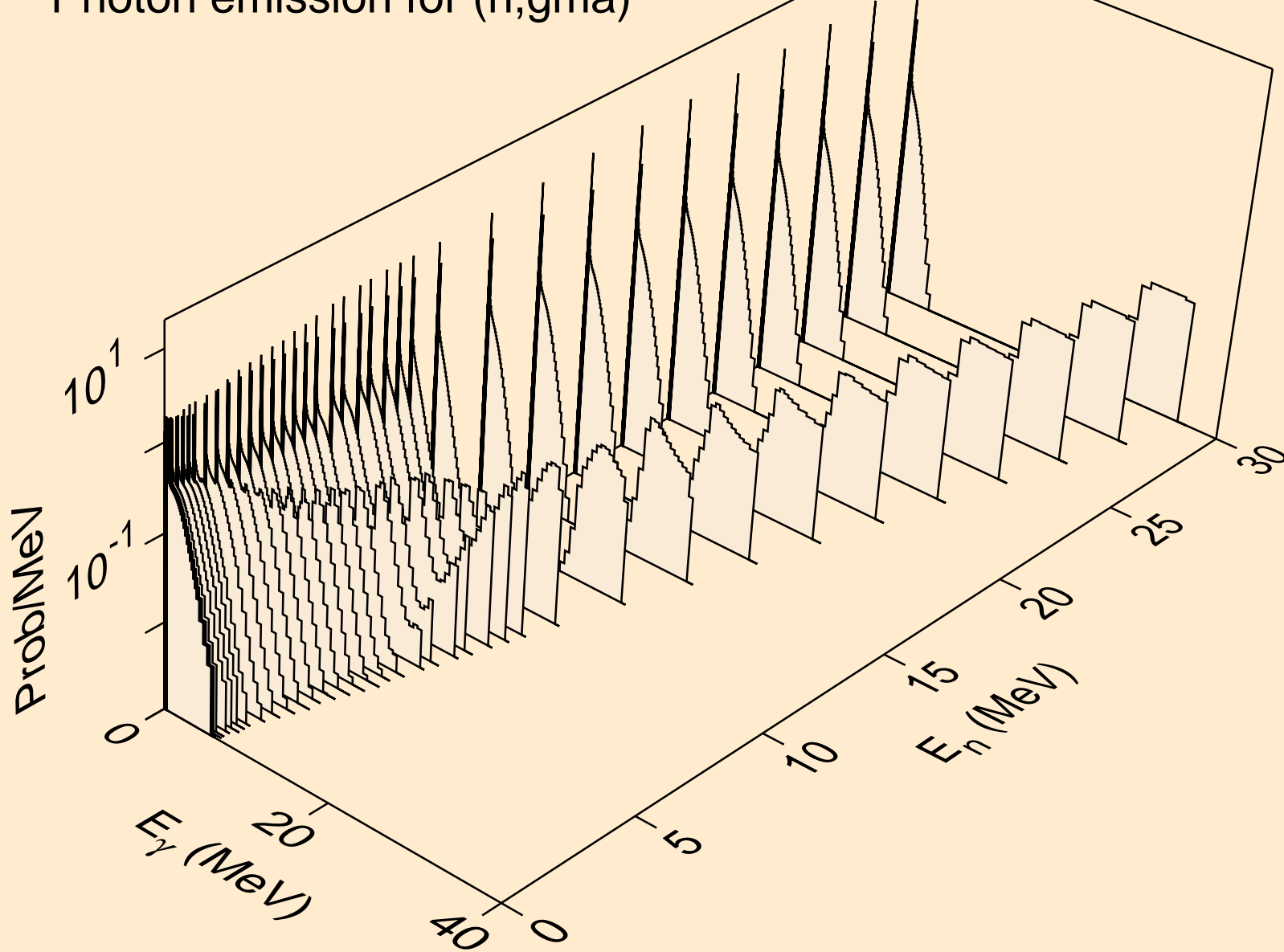
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



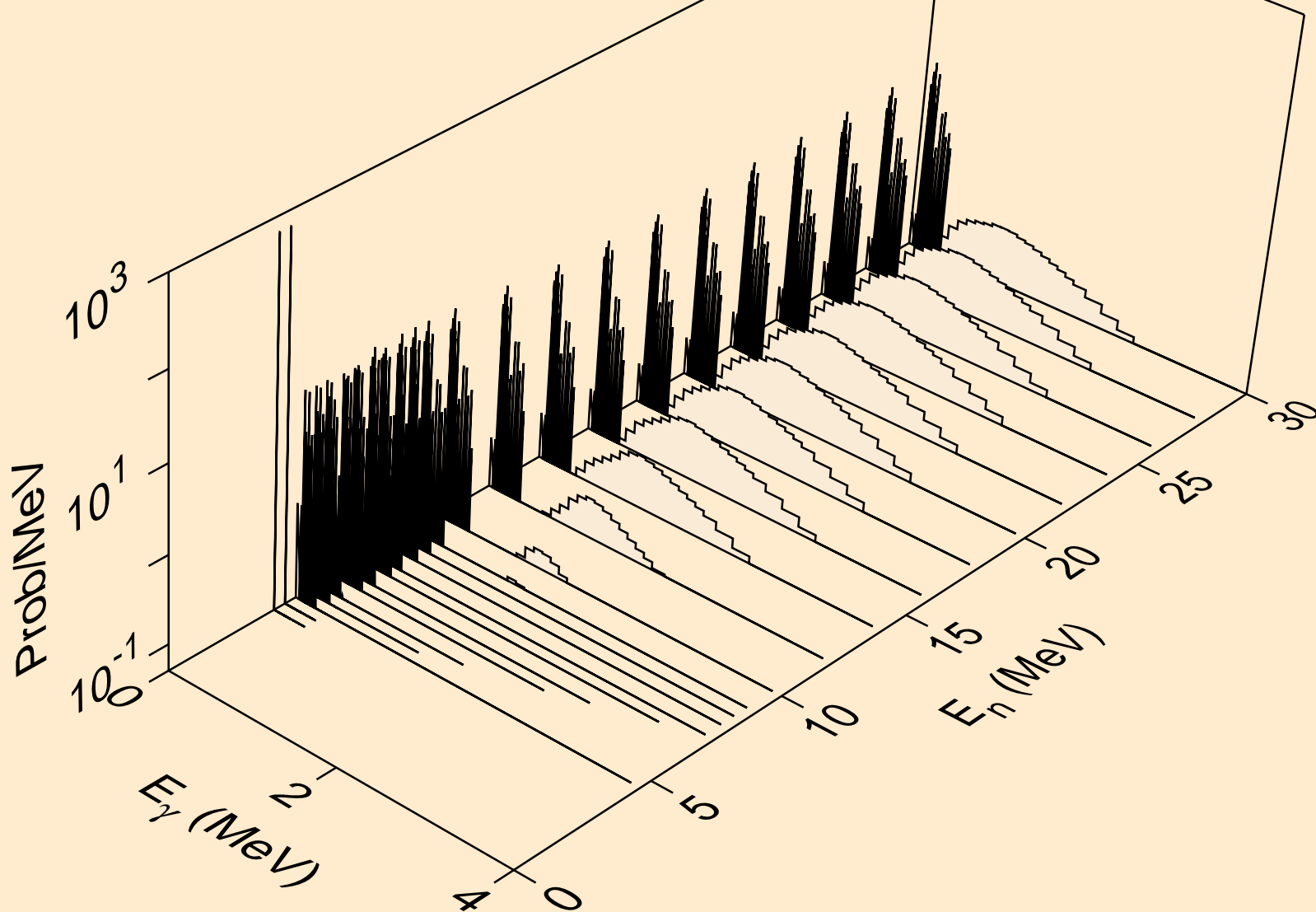
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



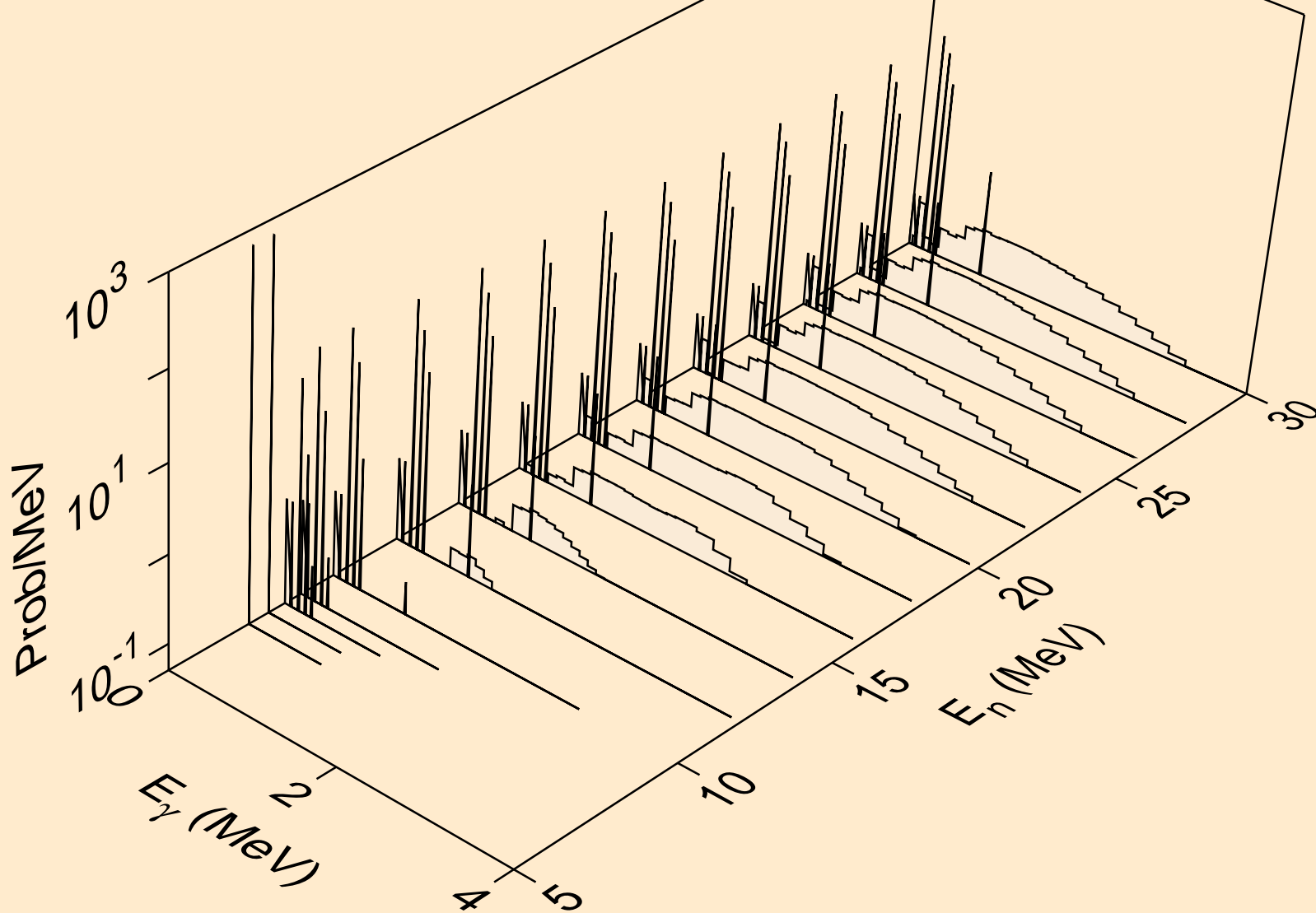
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



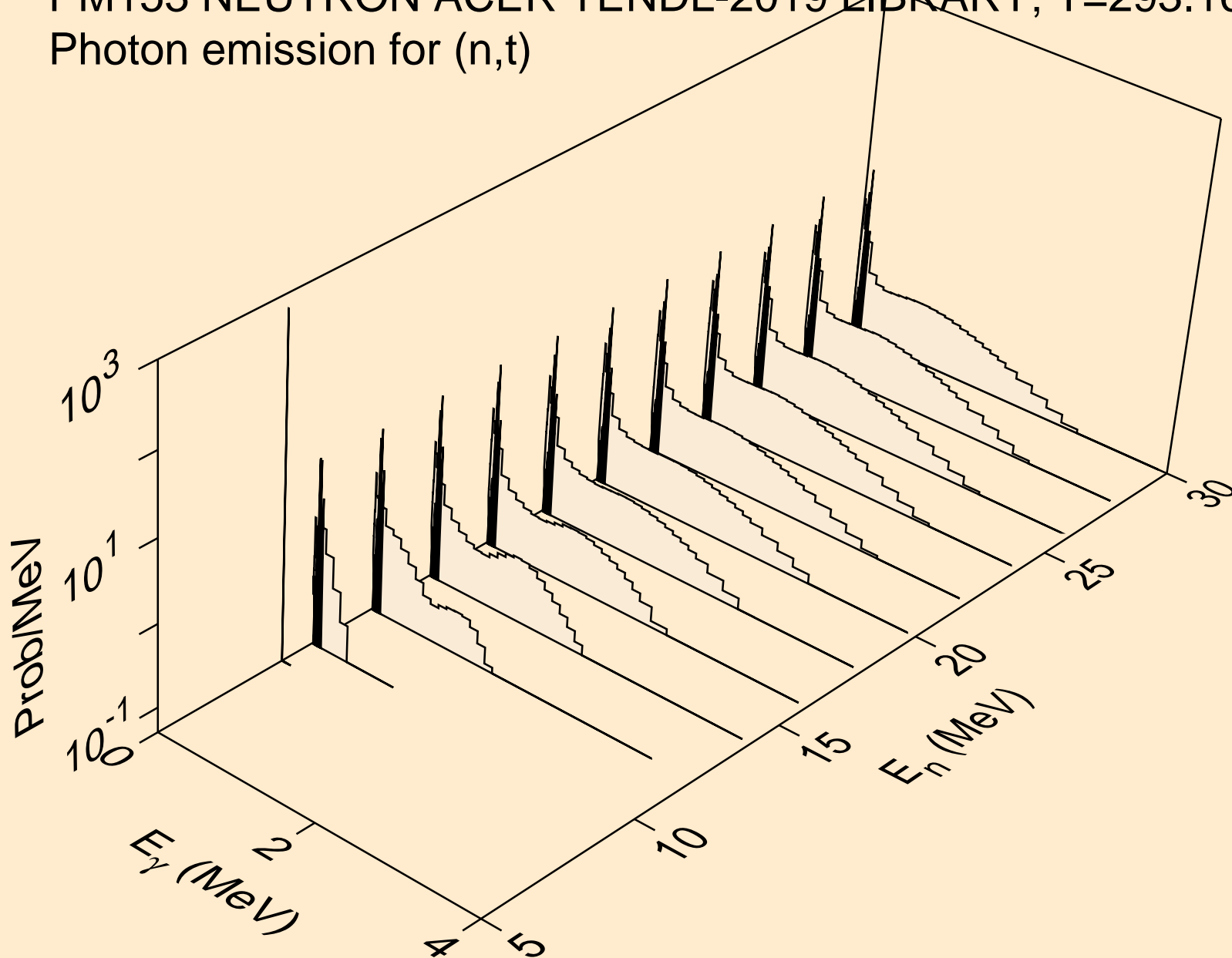
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

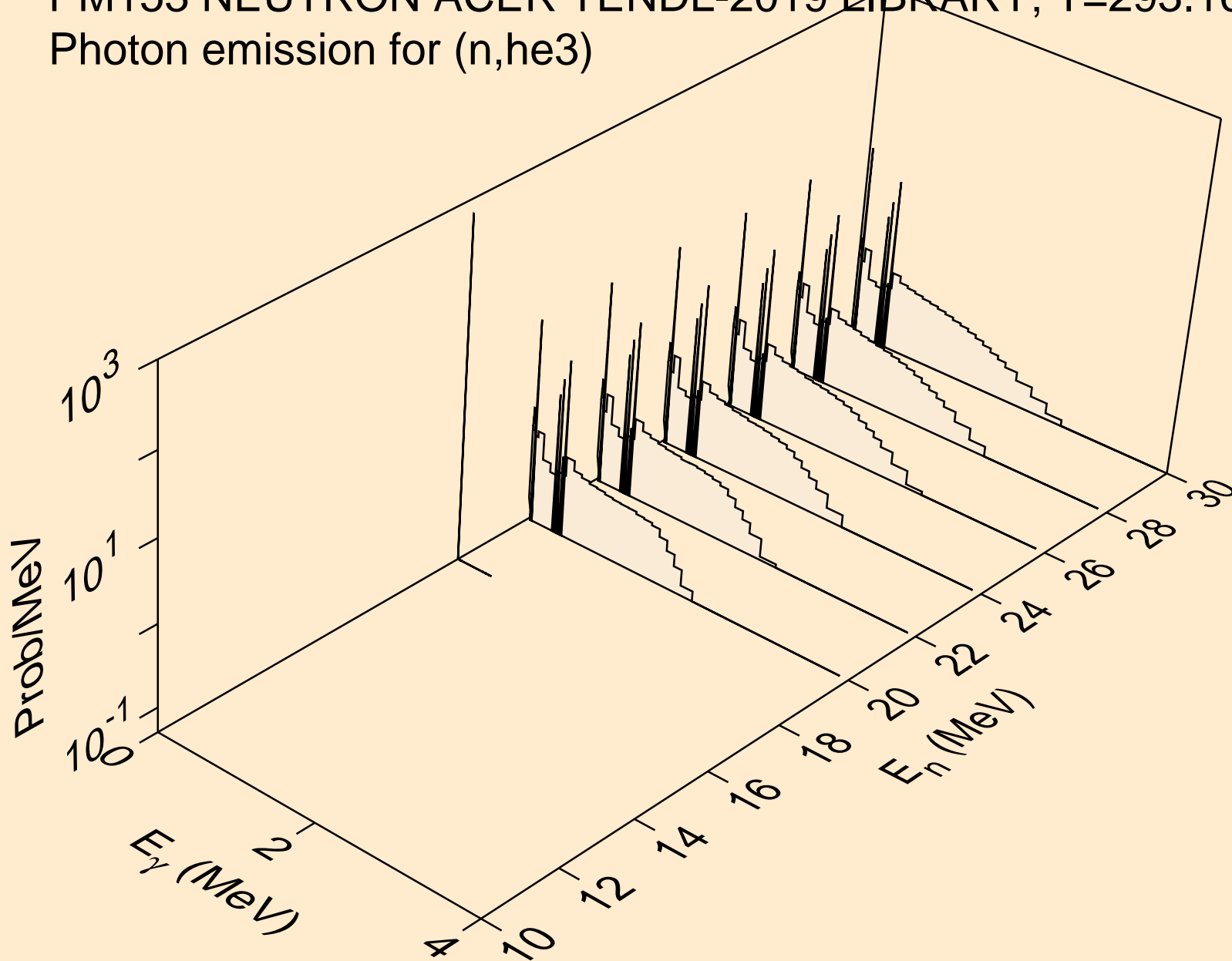


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

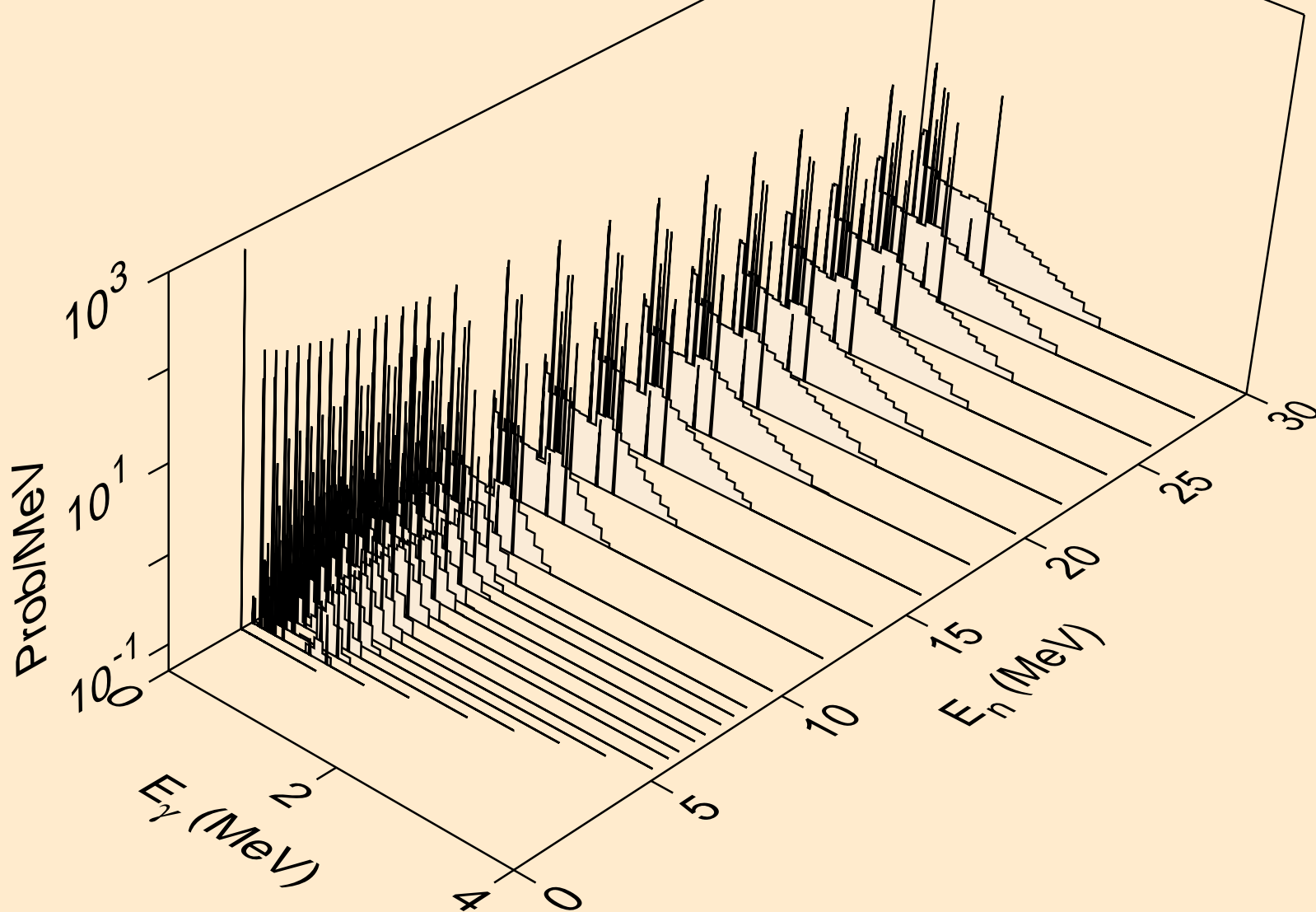




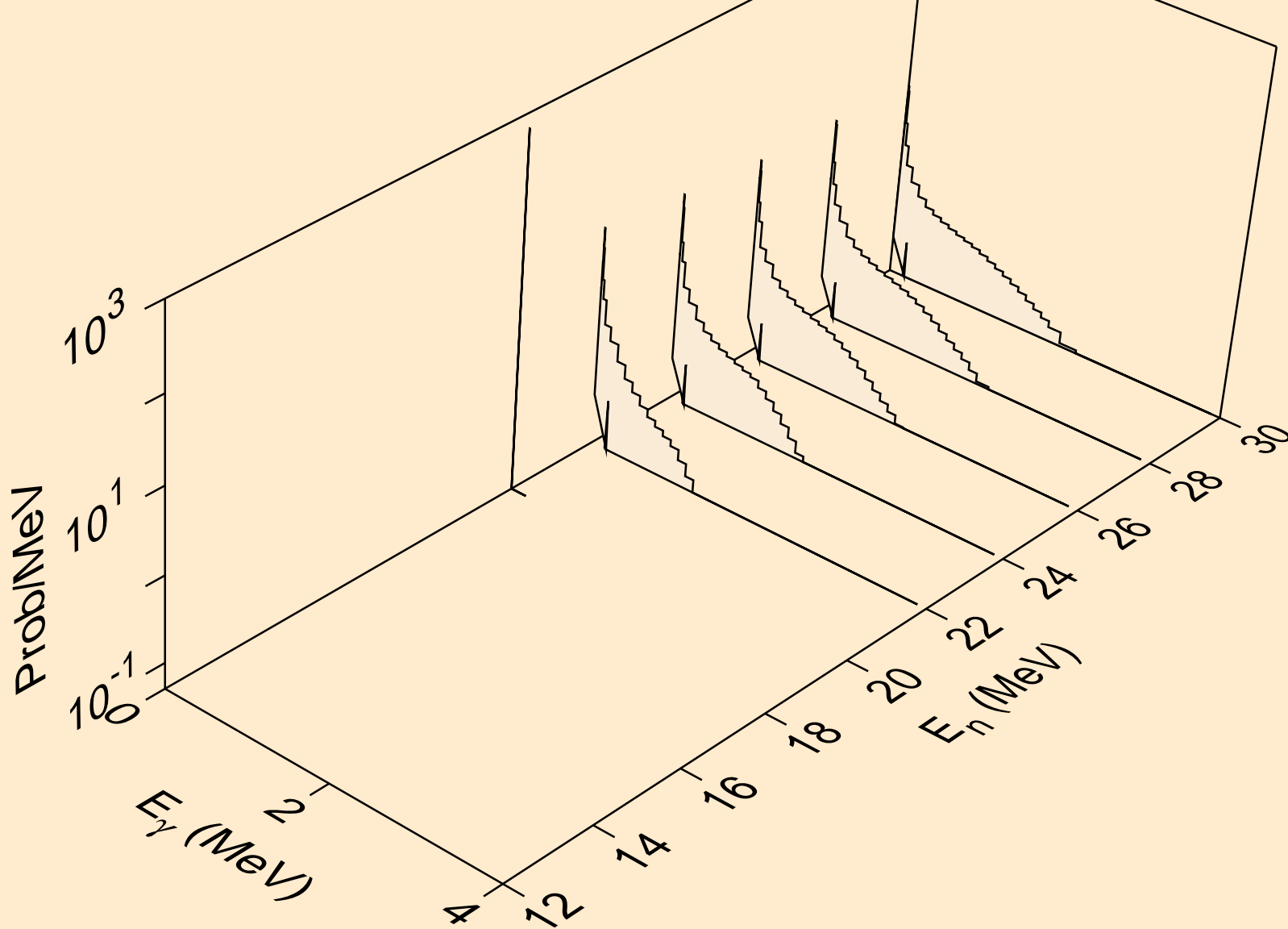
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



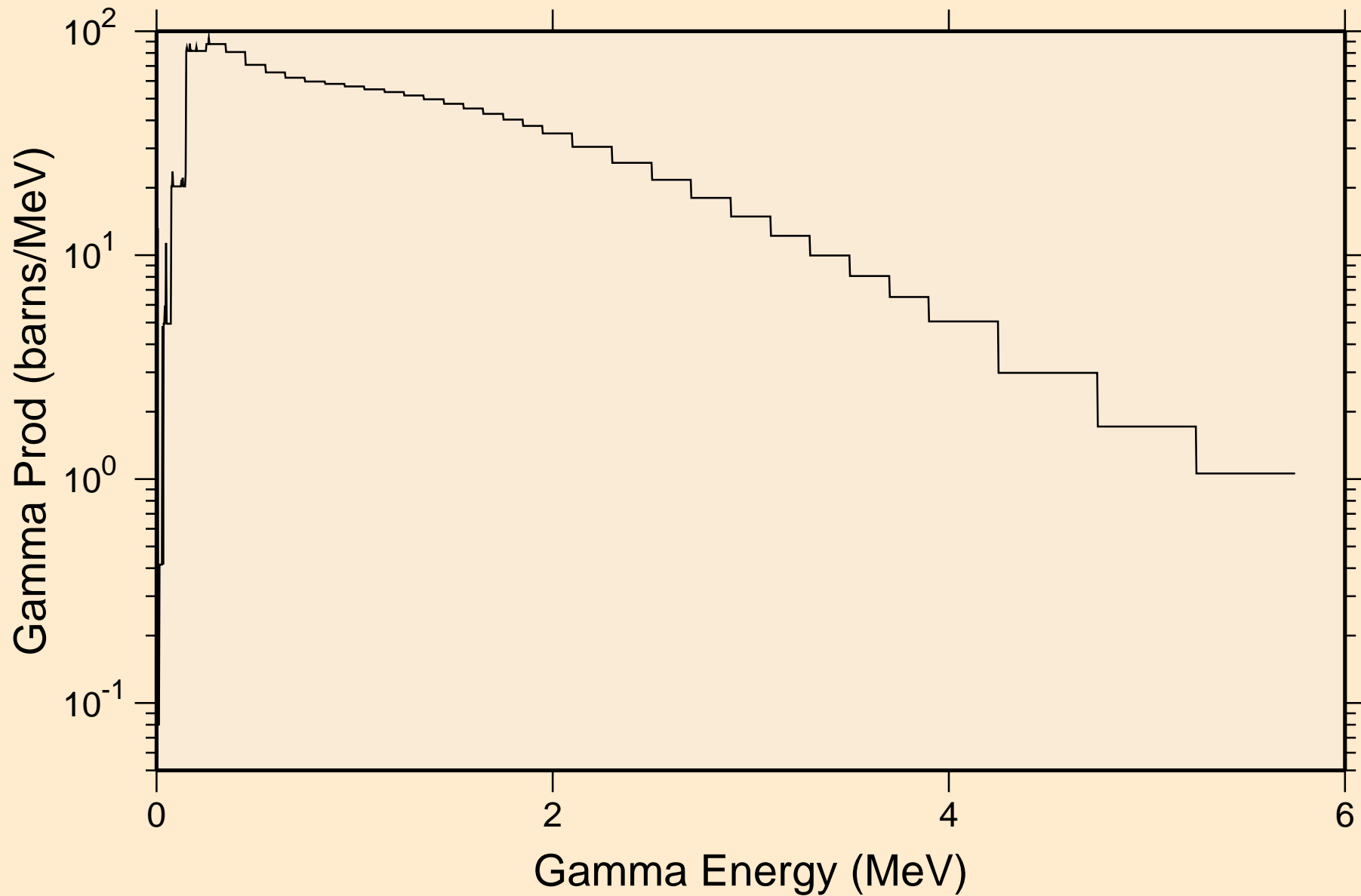
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



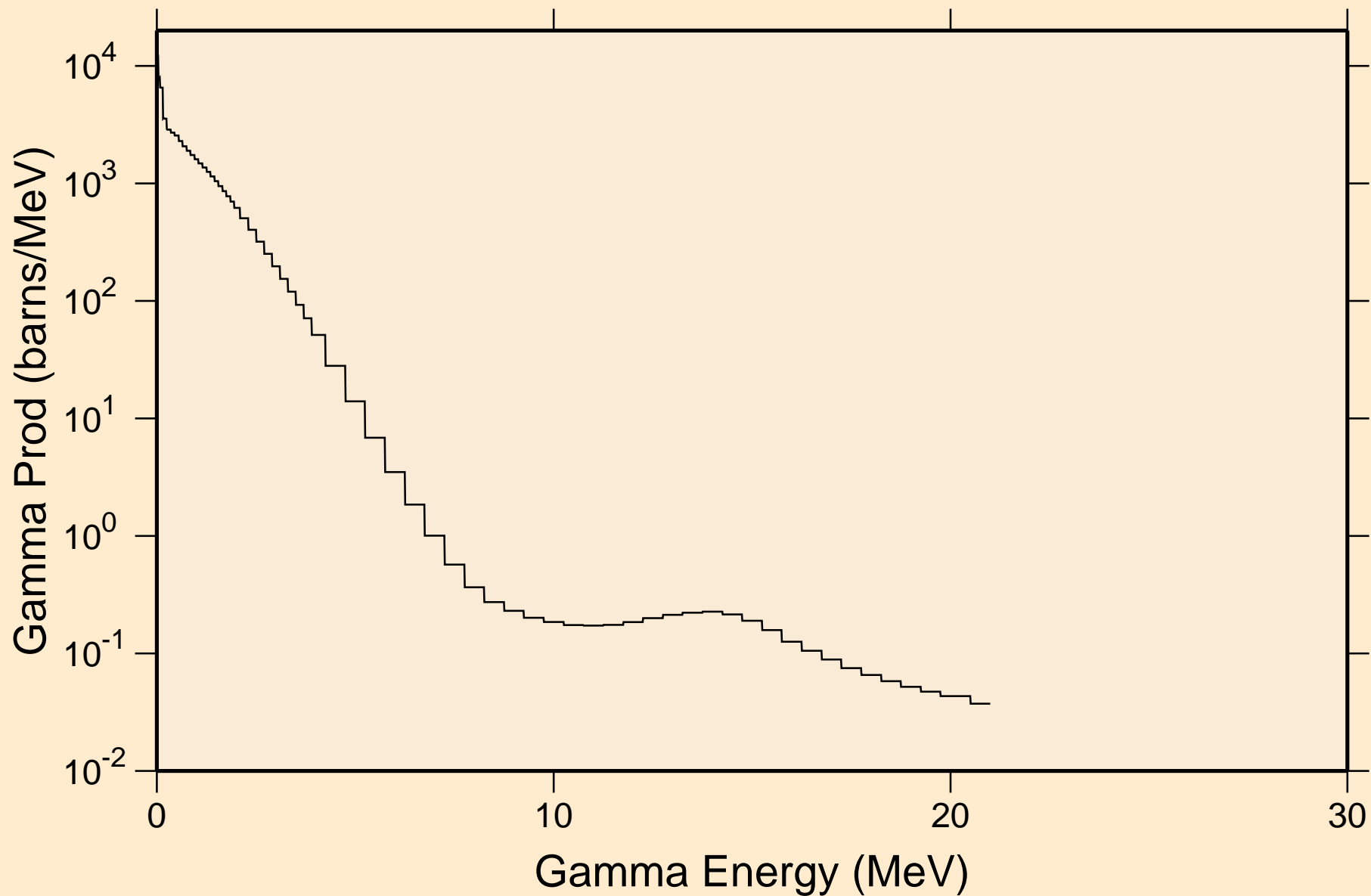
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



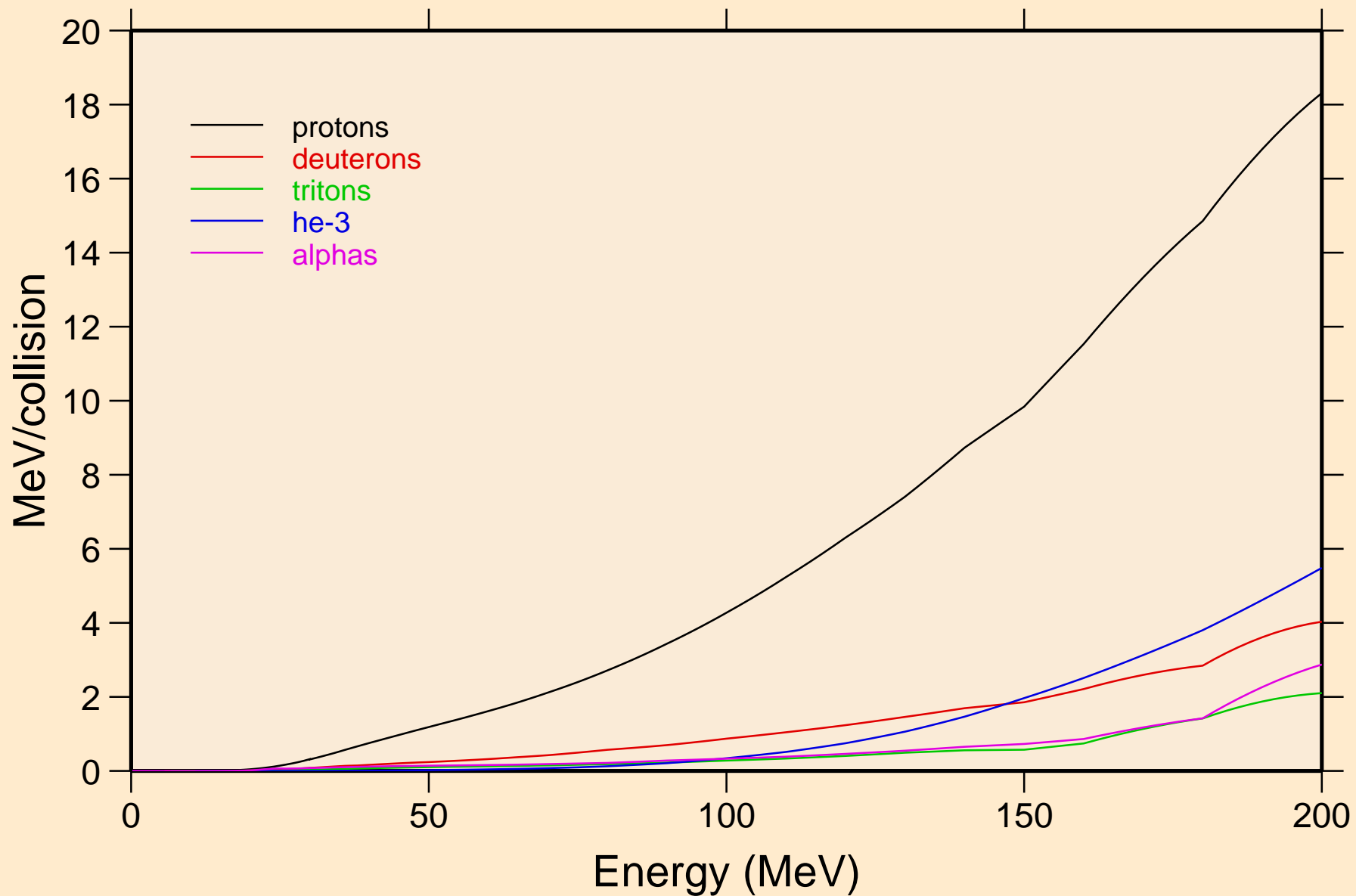
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



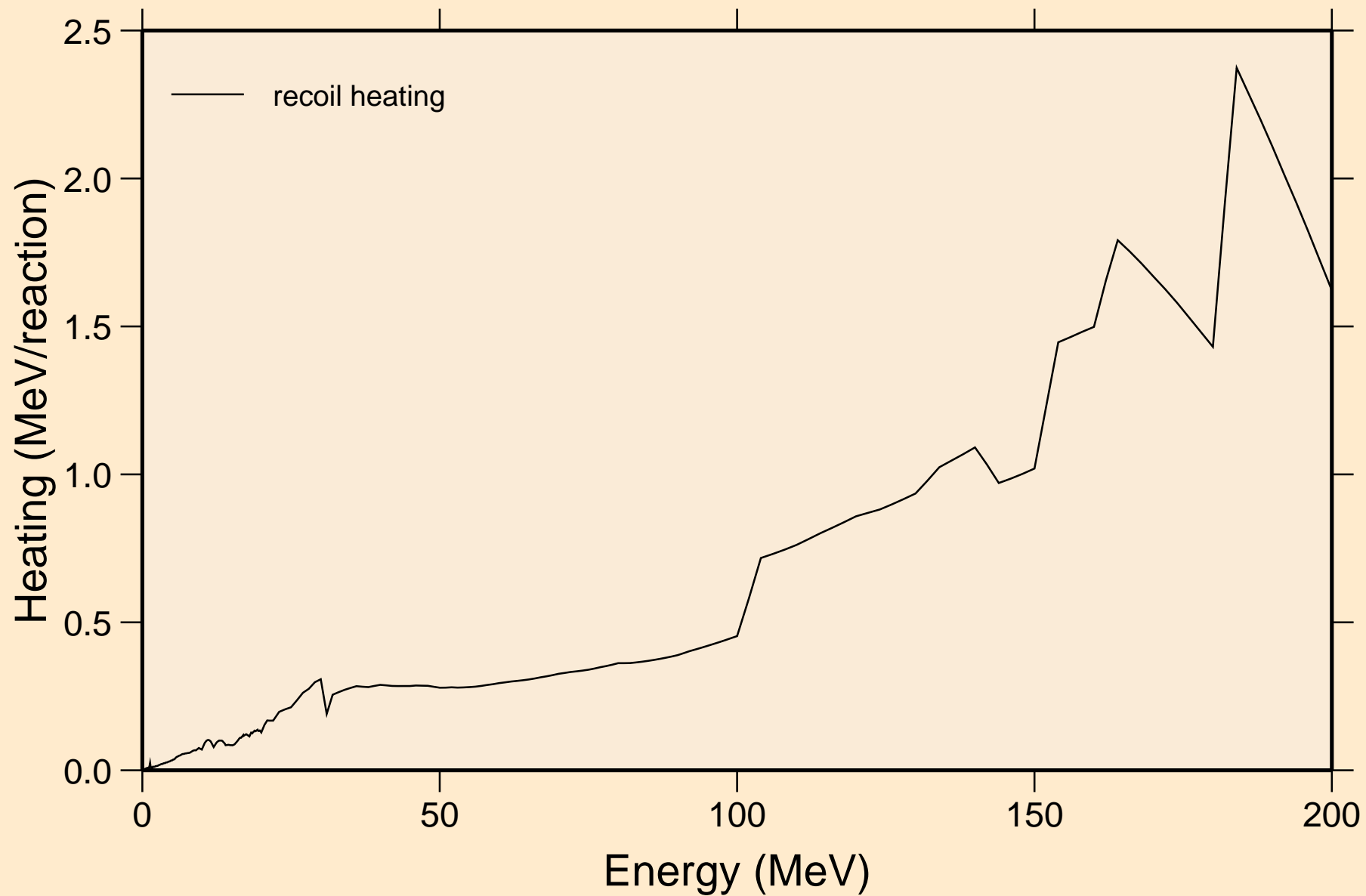
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



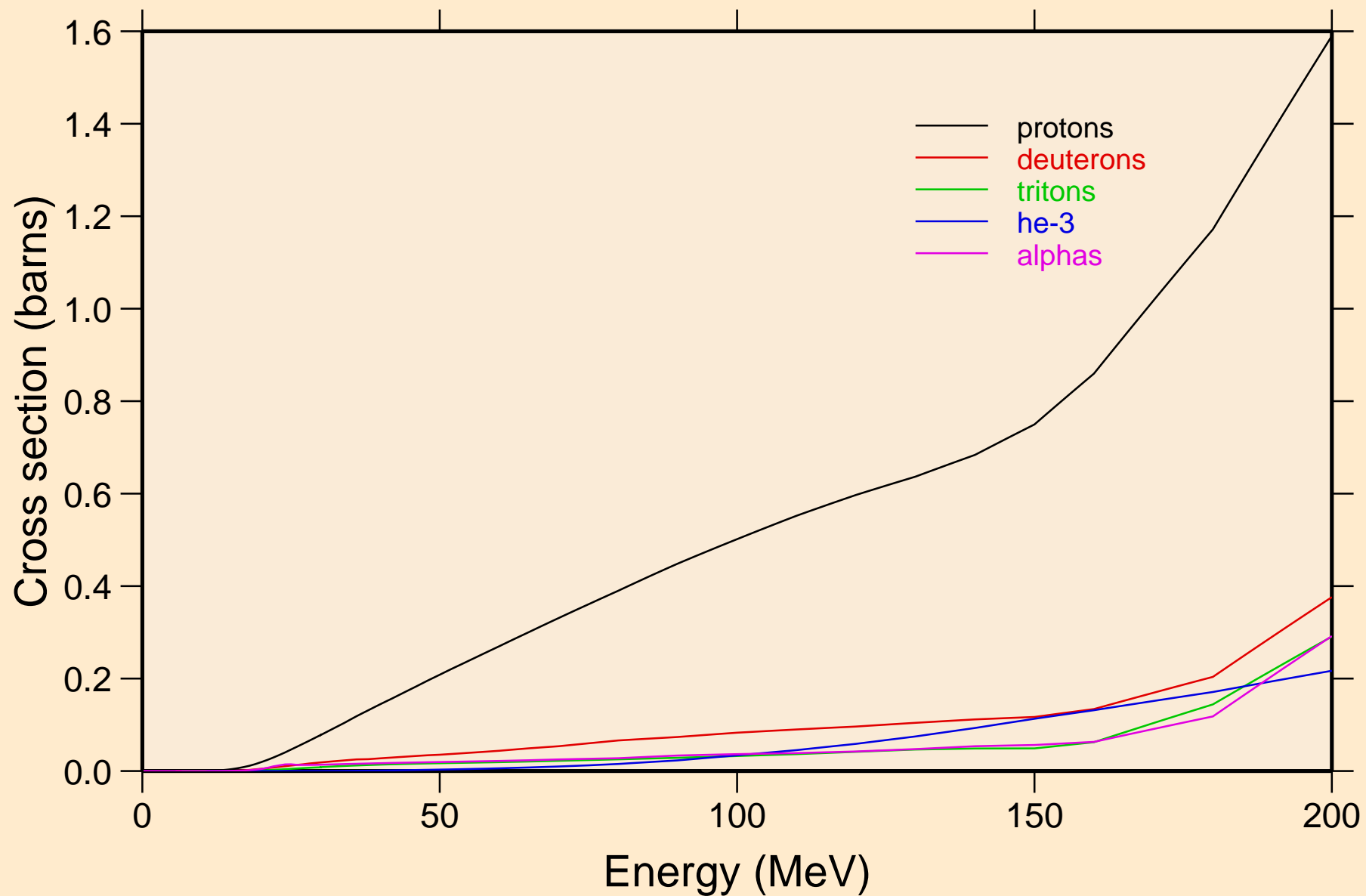
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

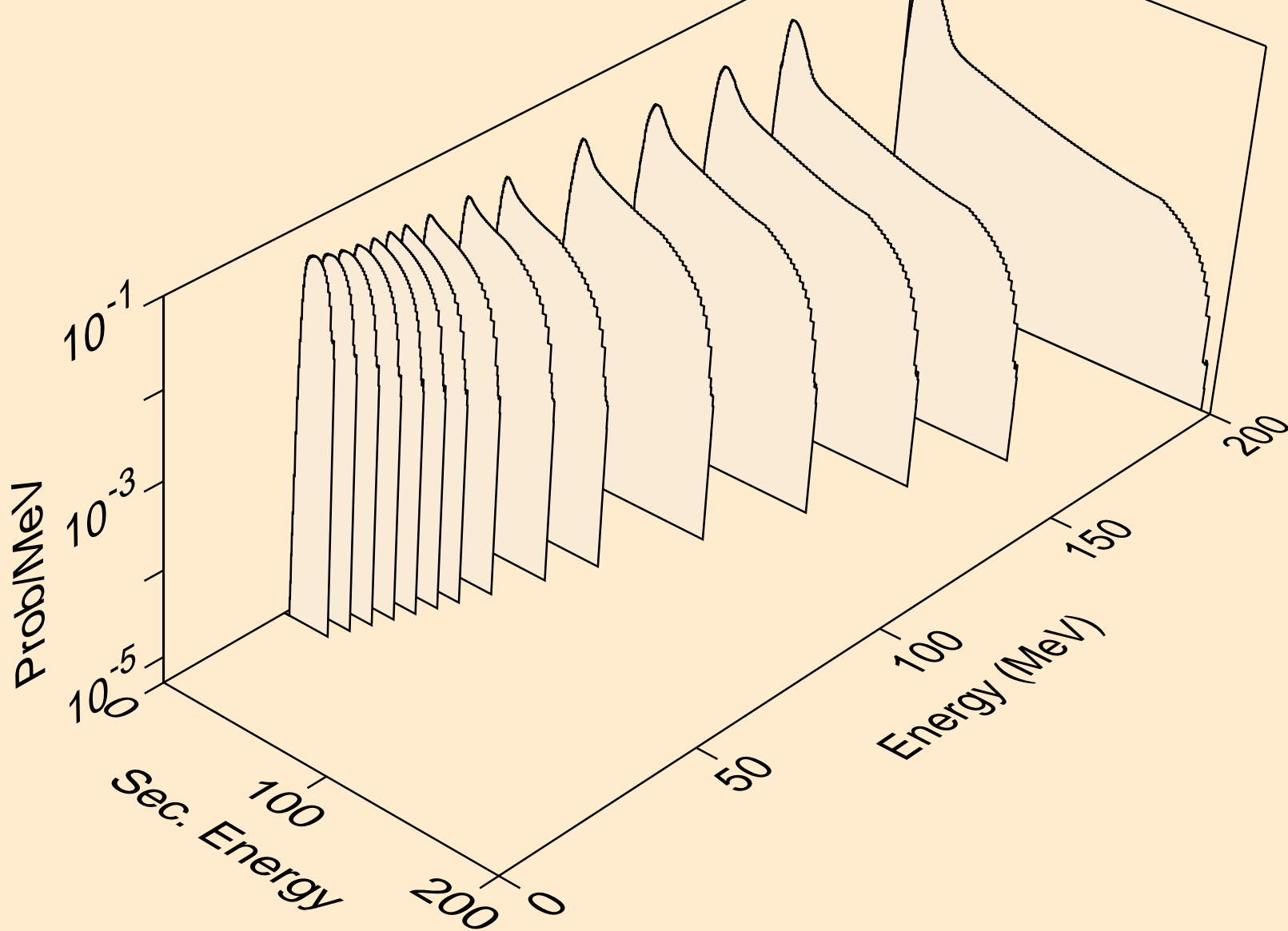


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

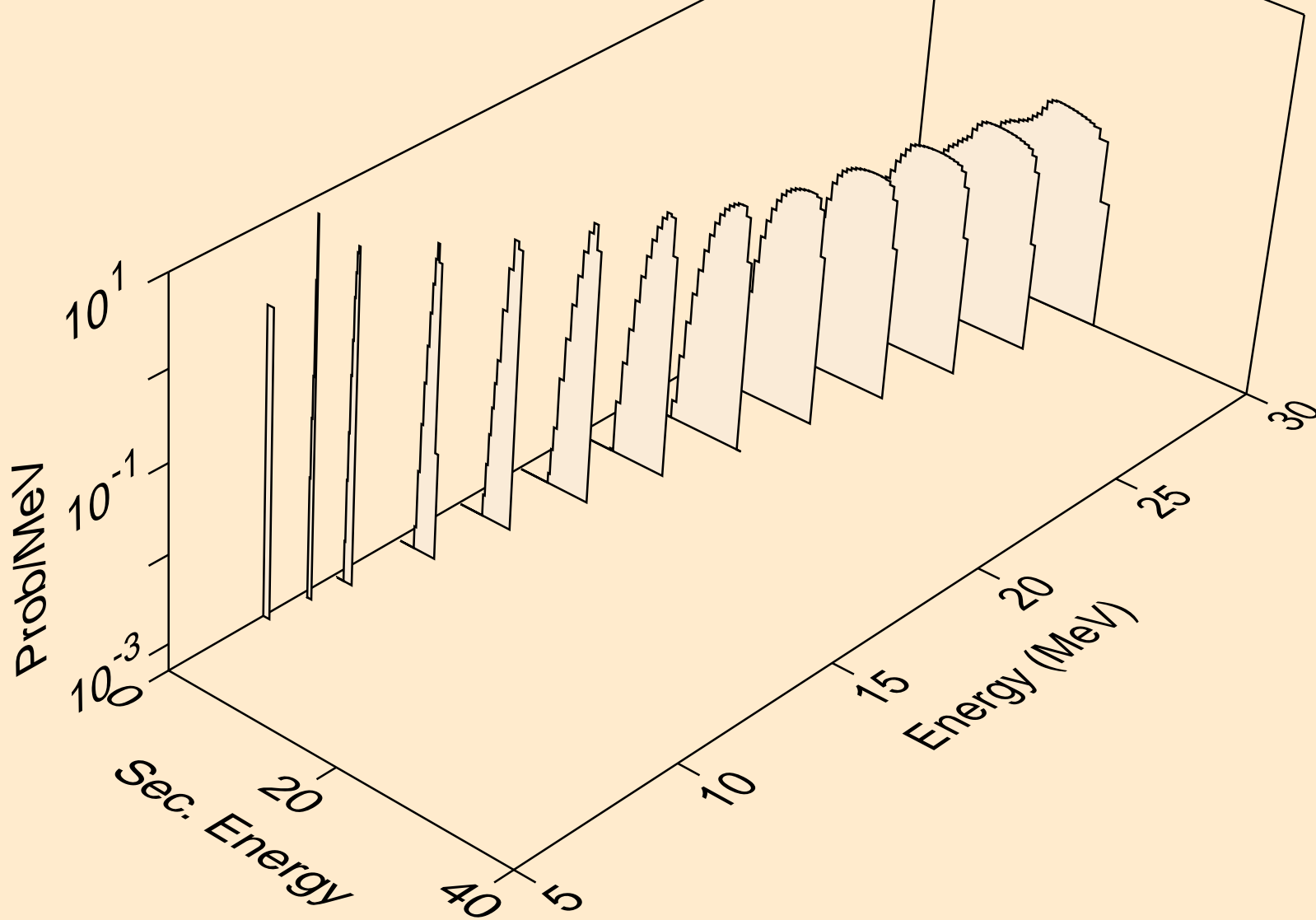




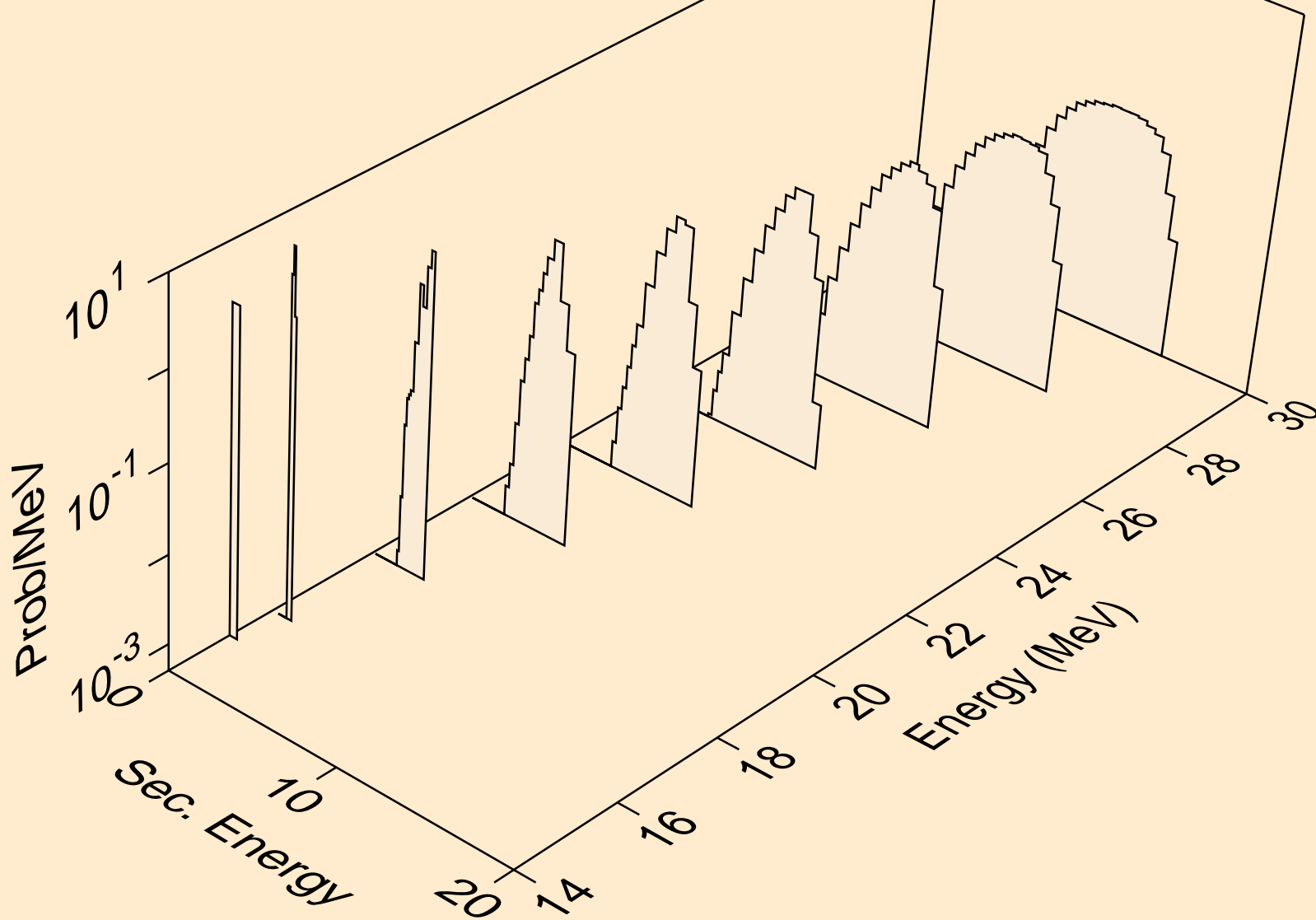
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



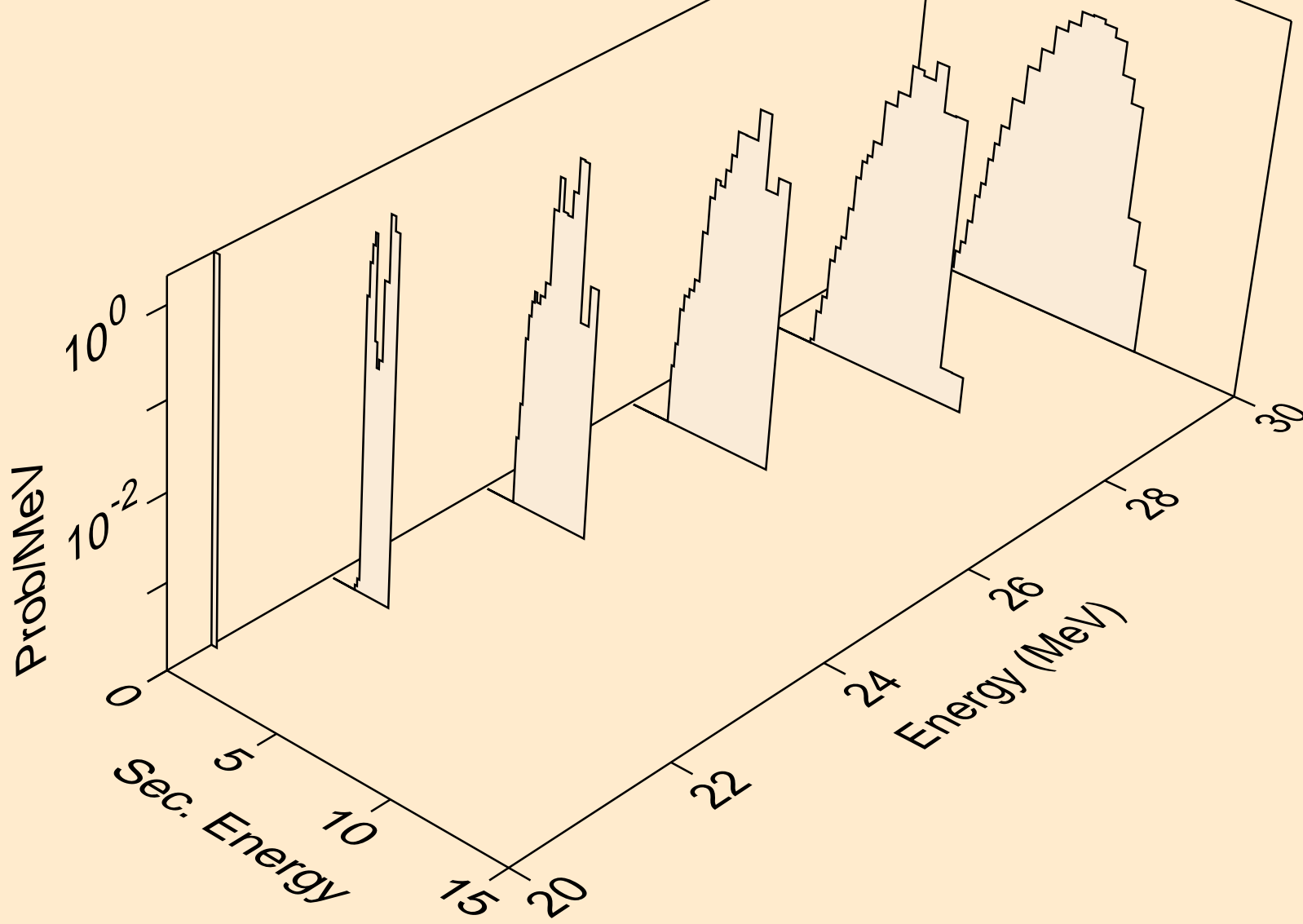
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



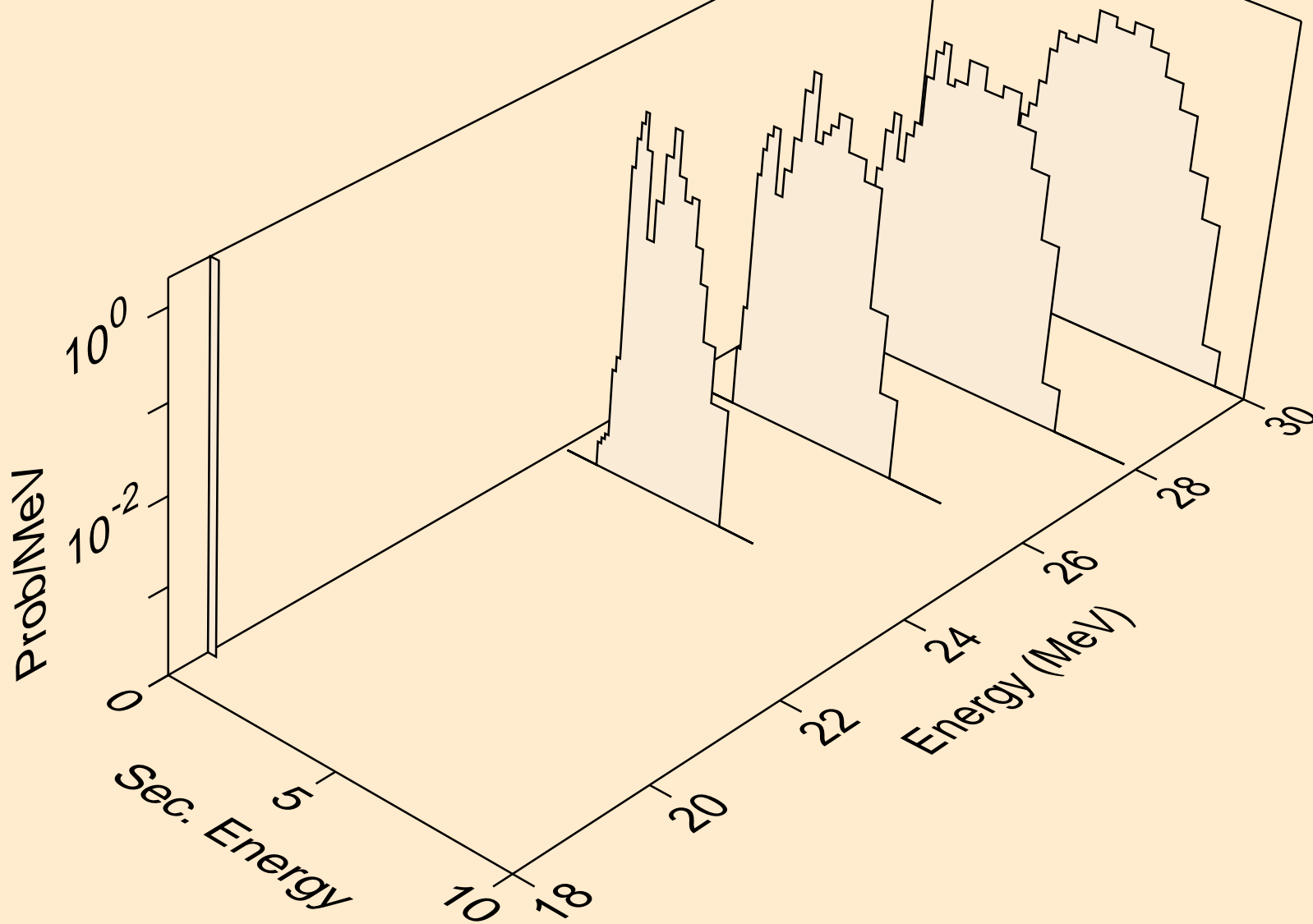
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



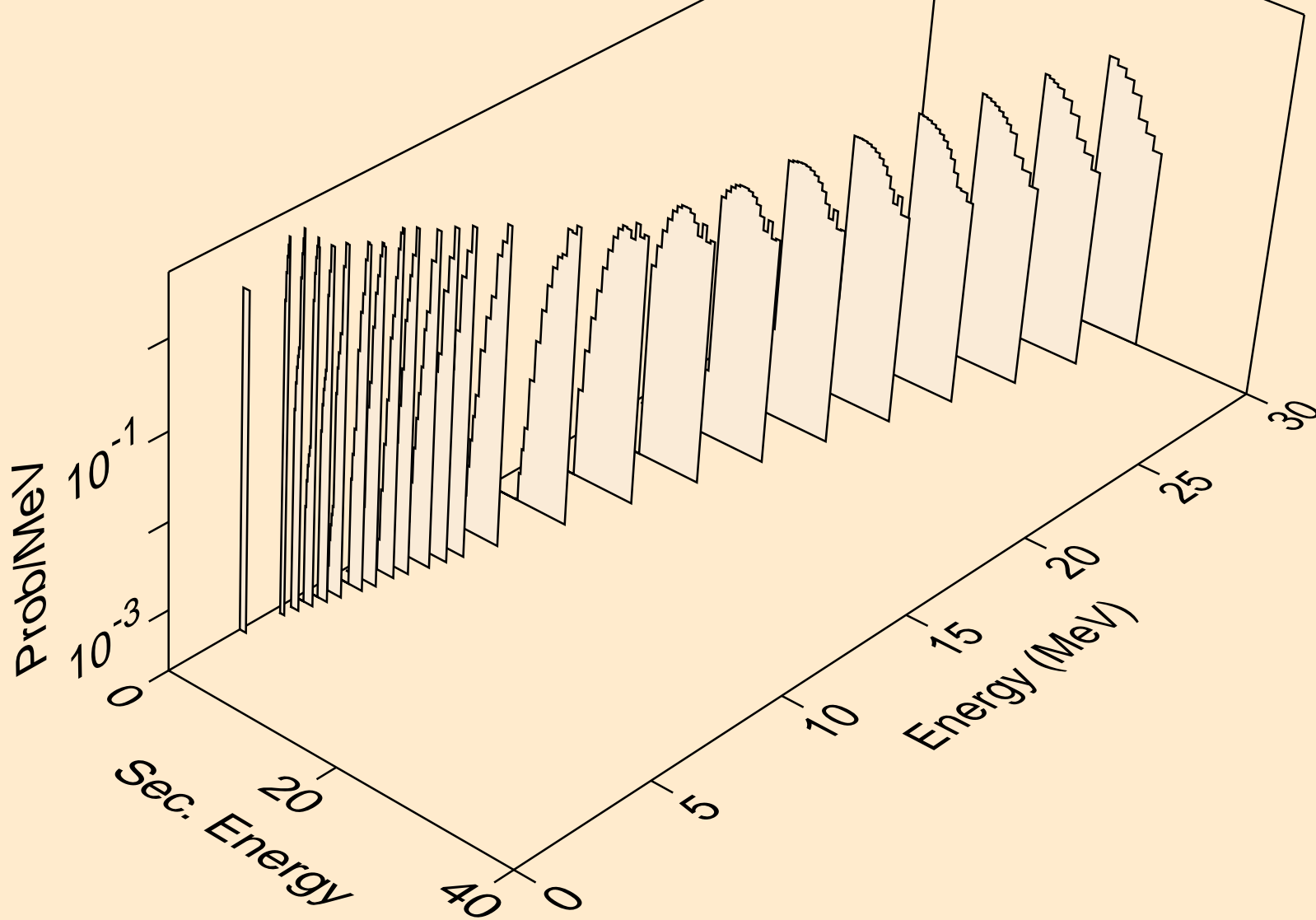
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



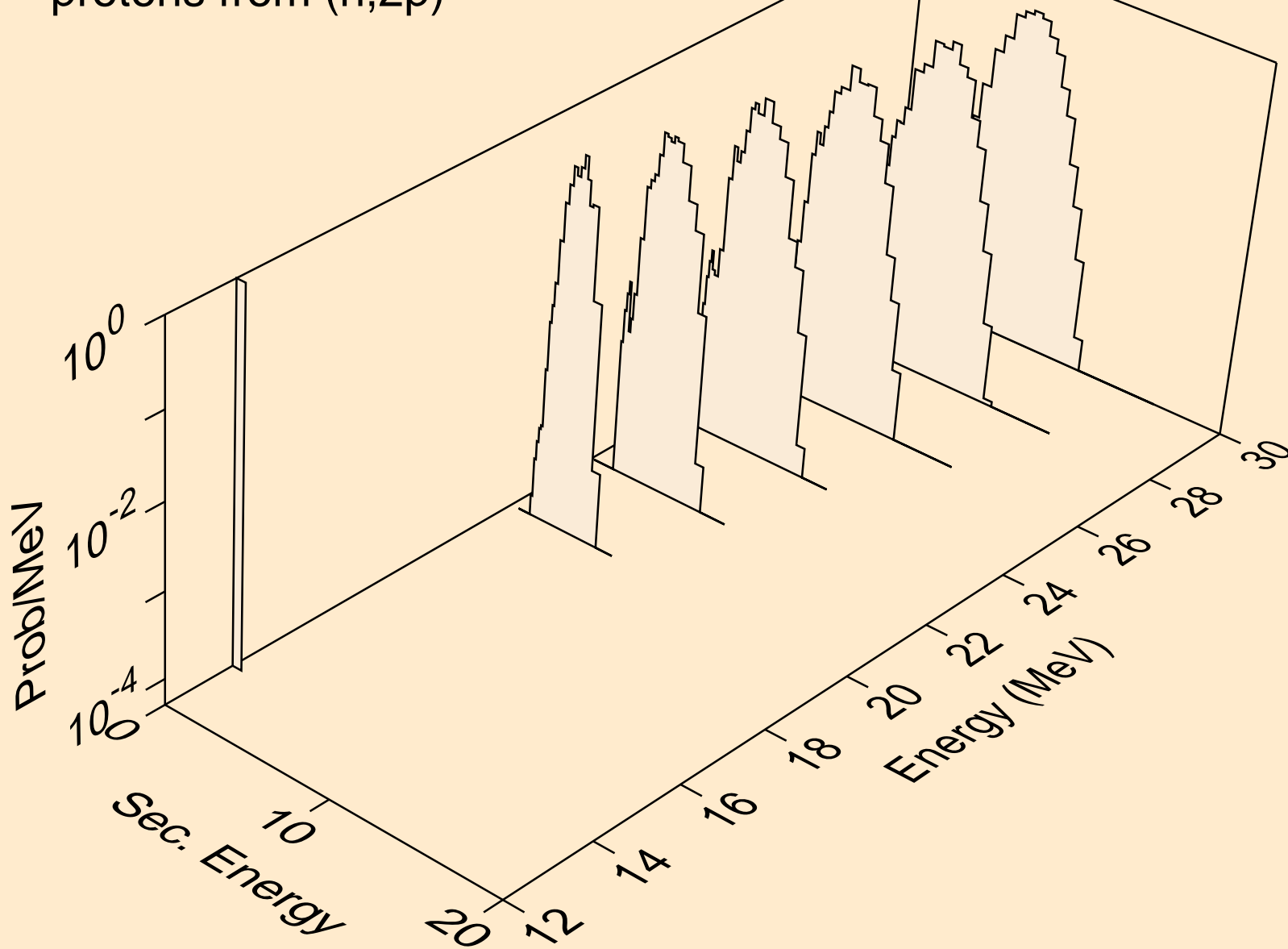
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



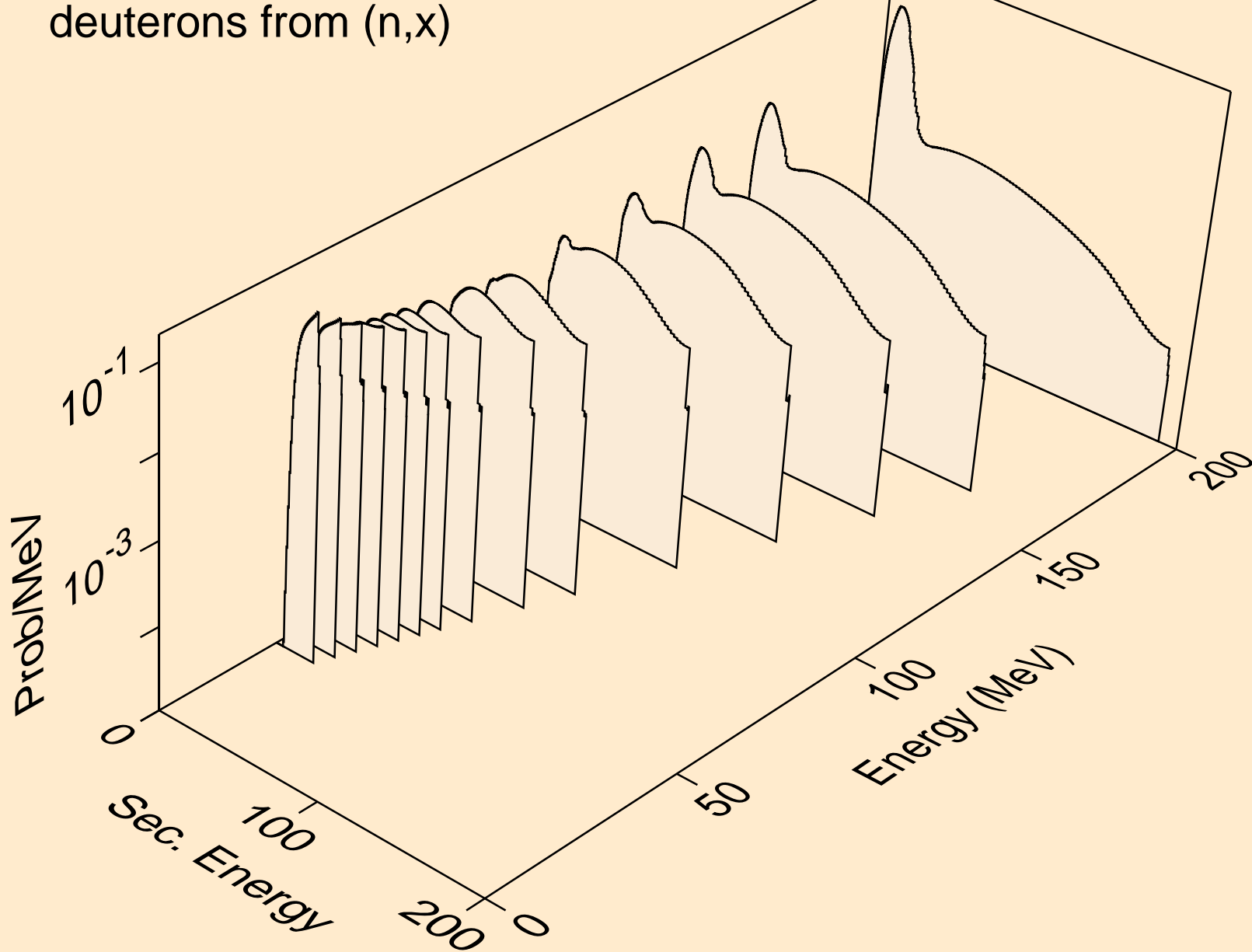
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)

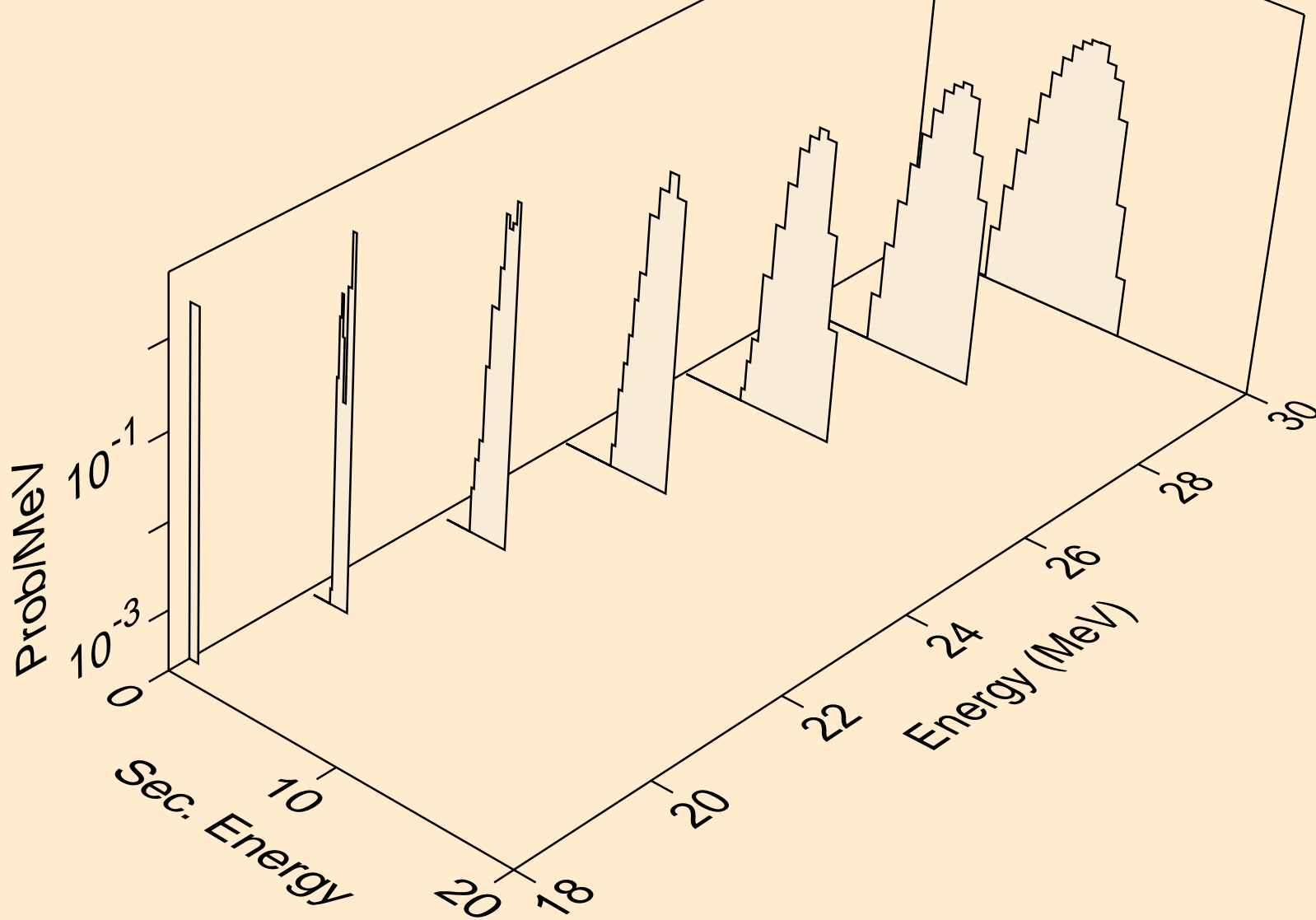


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

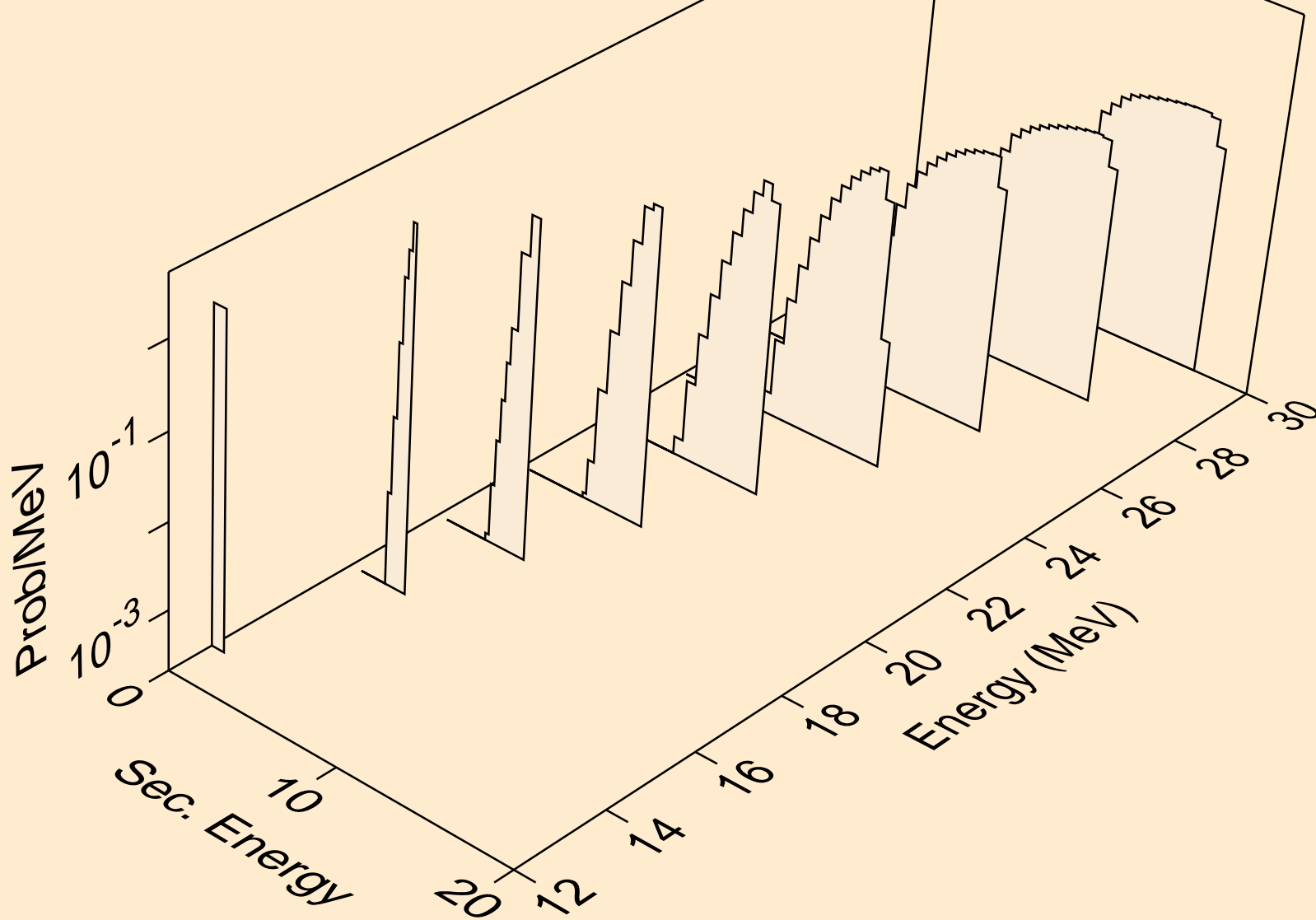




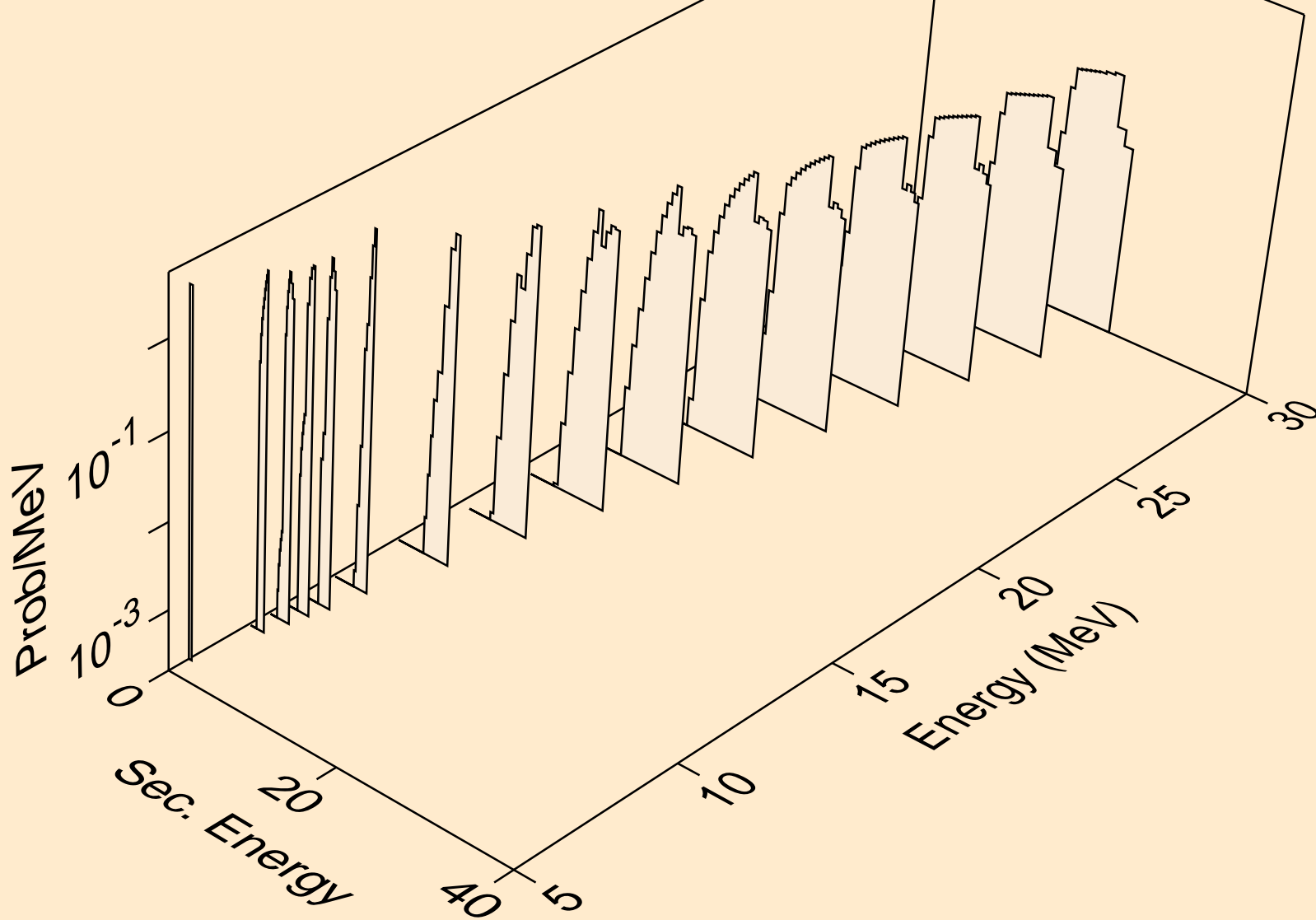
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



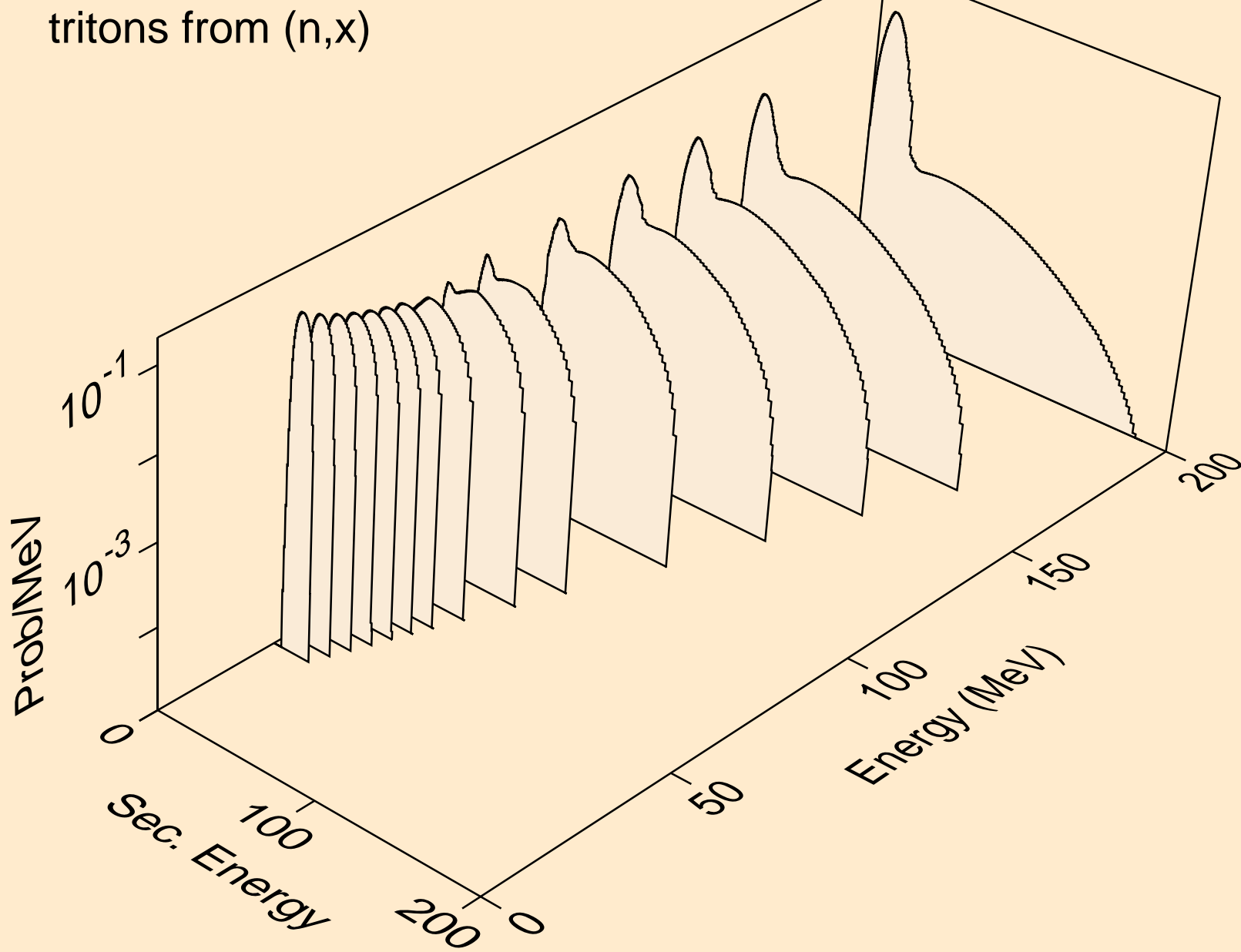
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



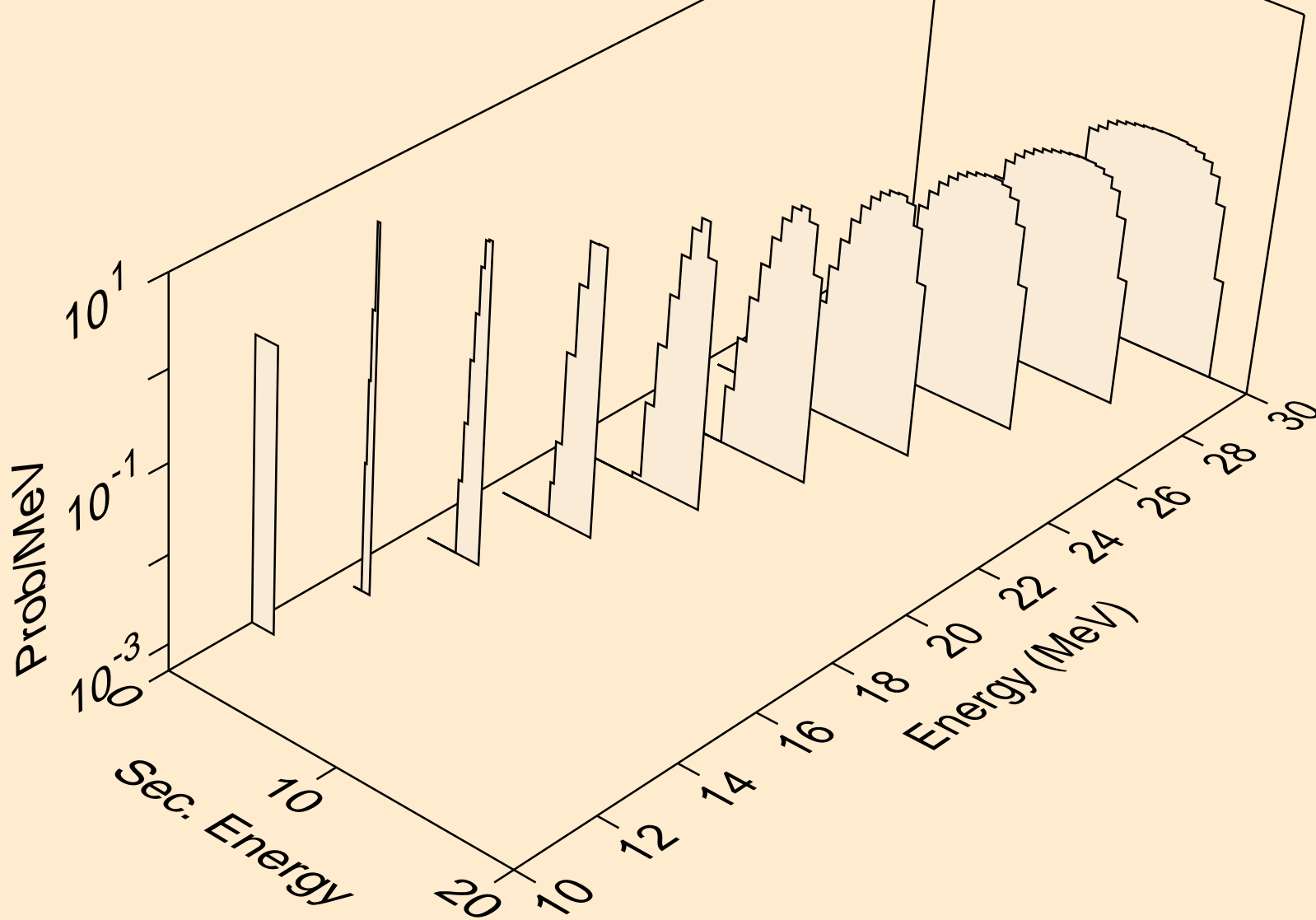
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



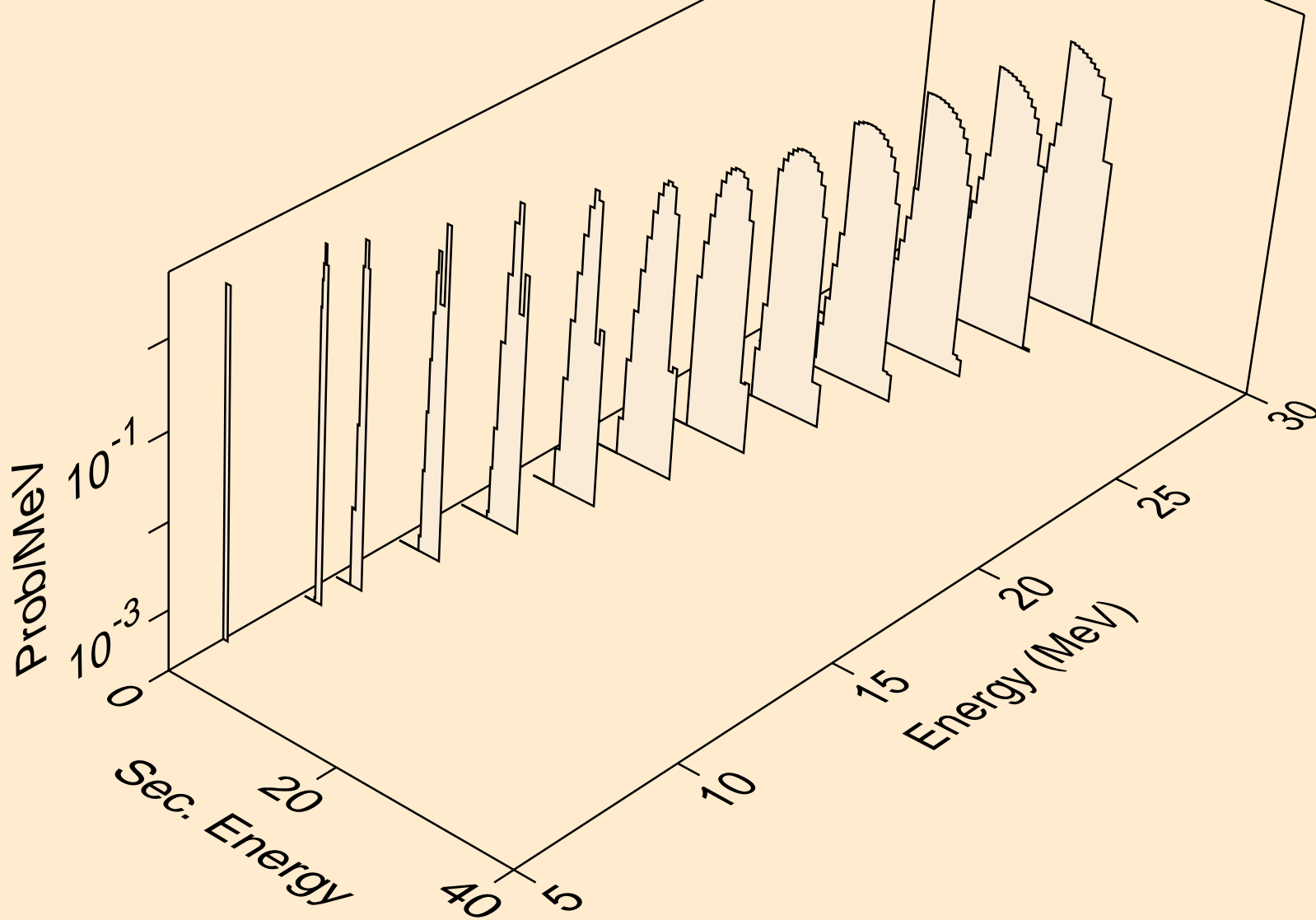
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



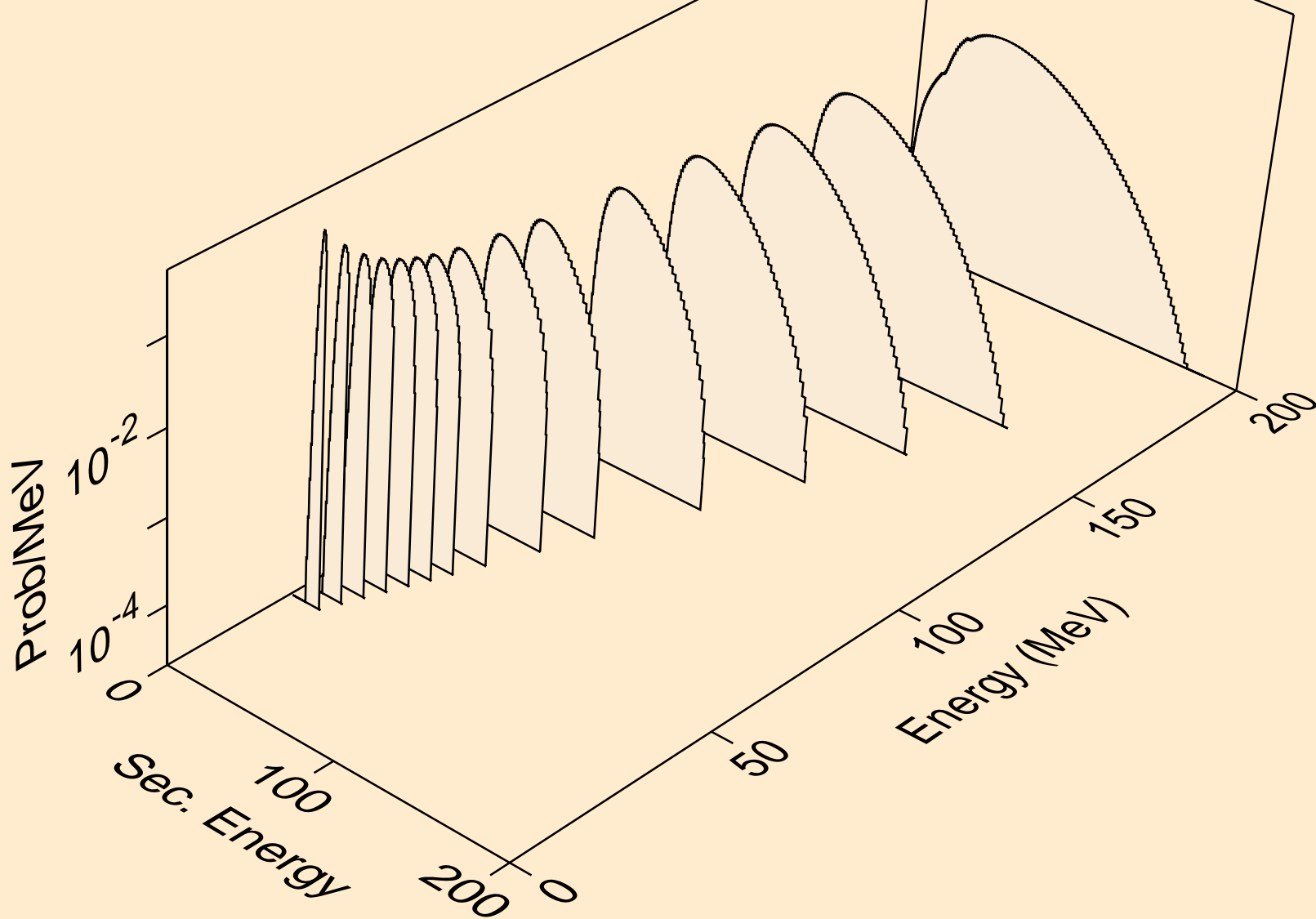
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



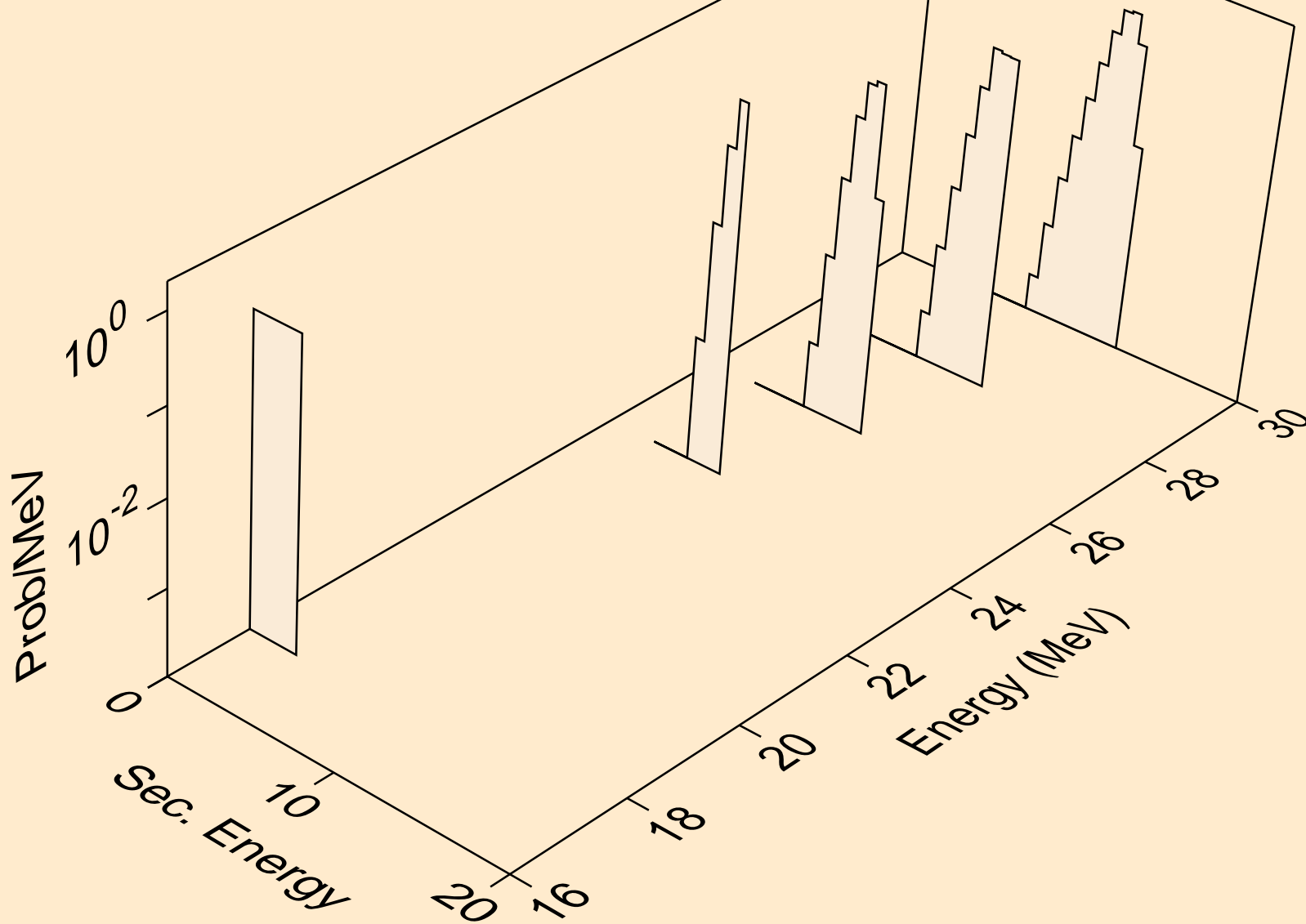
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

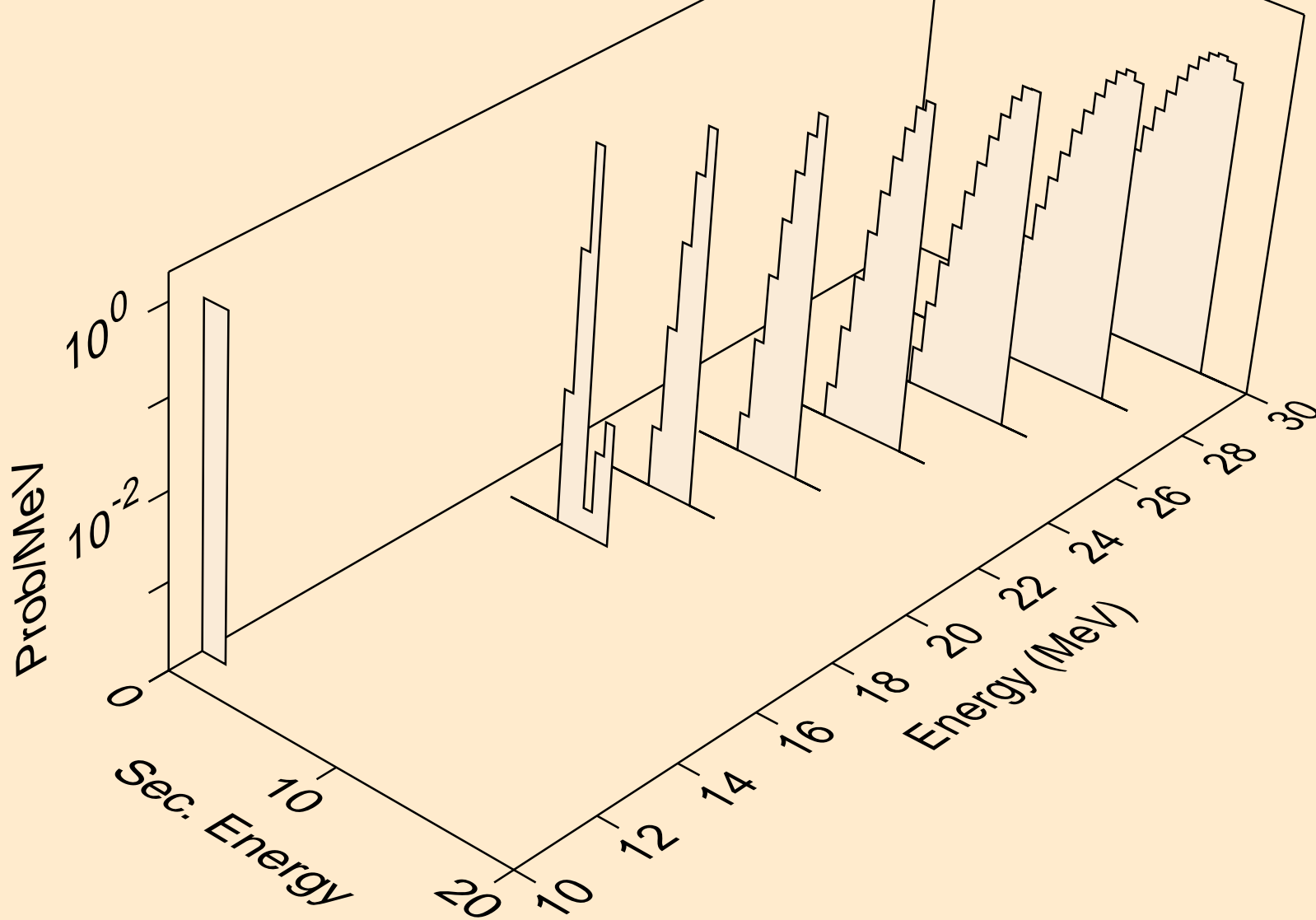


PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

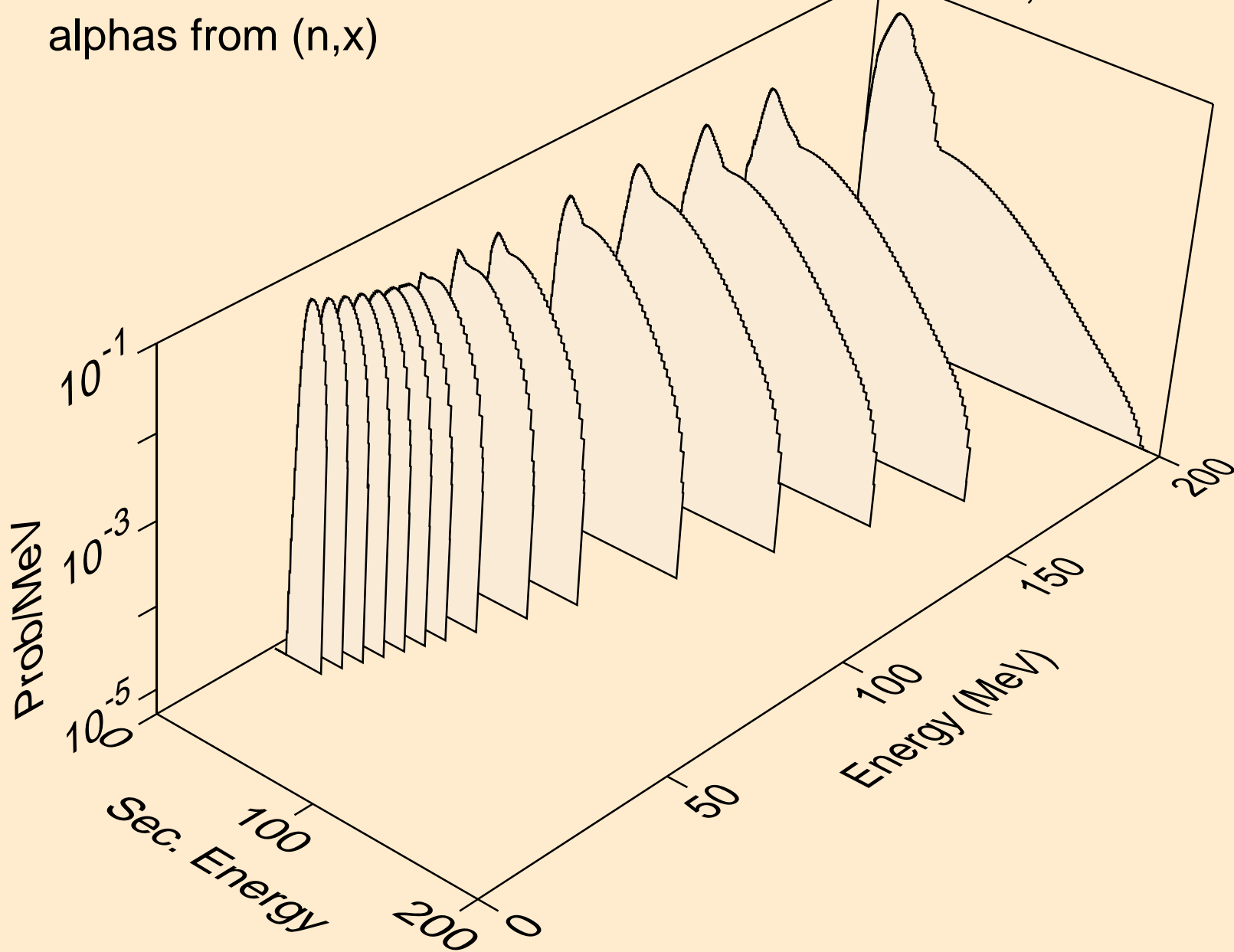




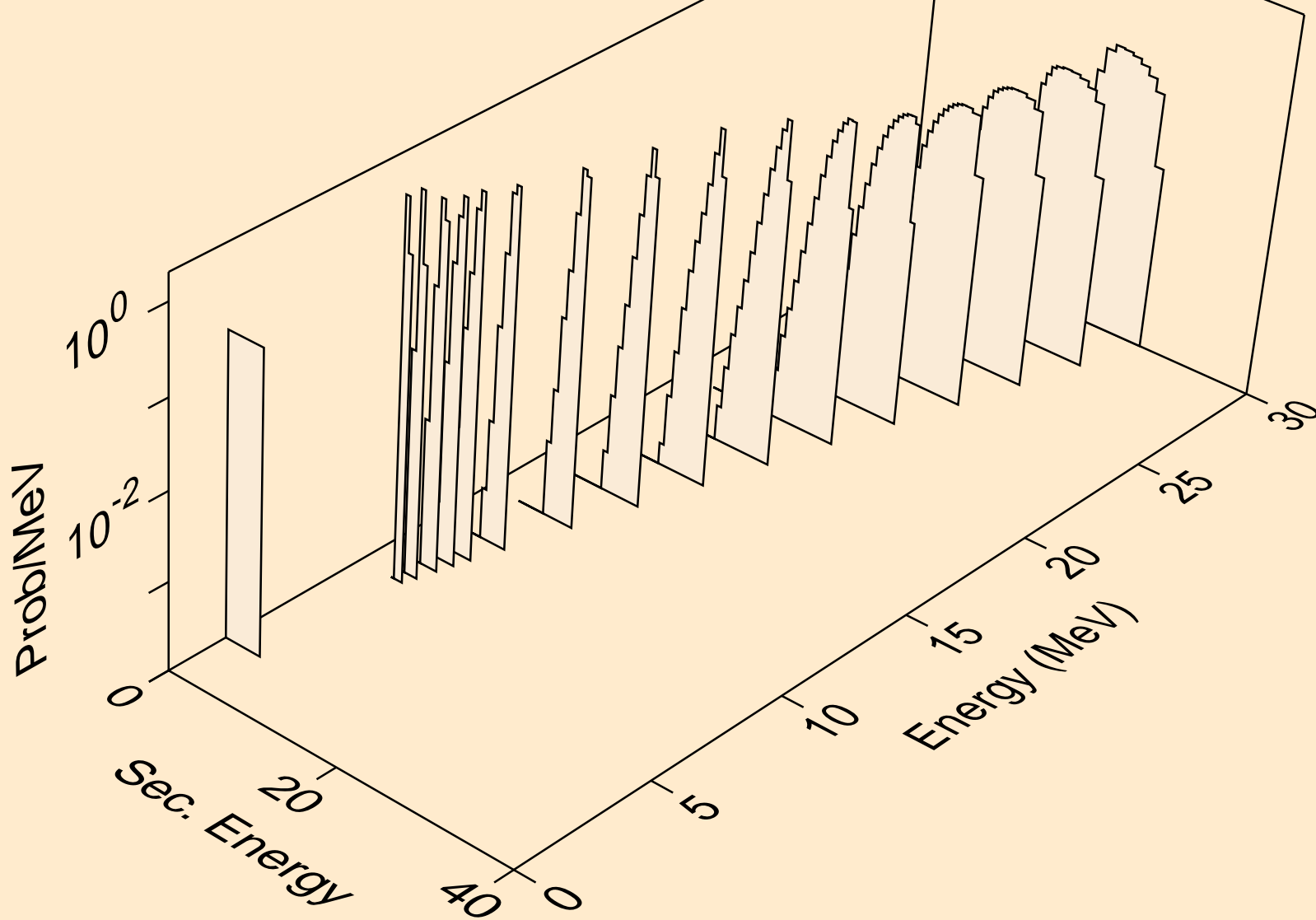
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



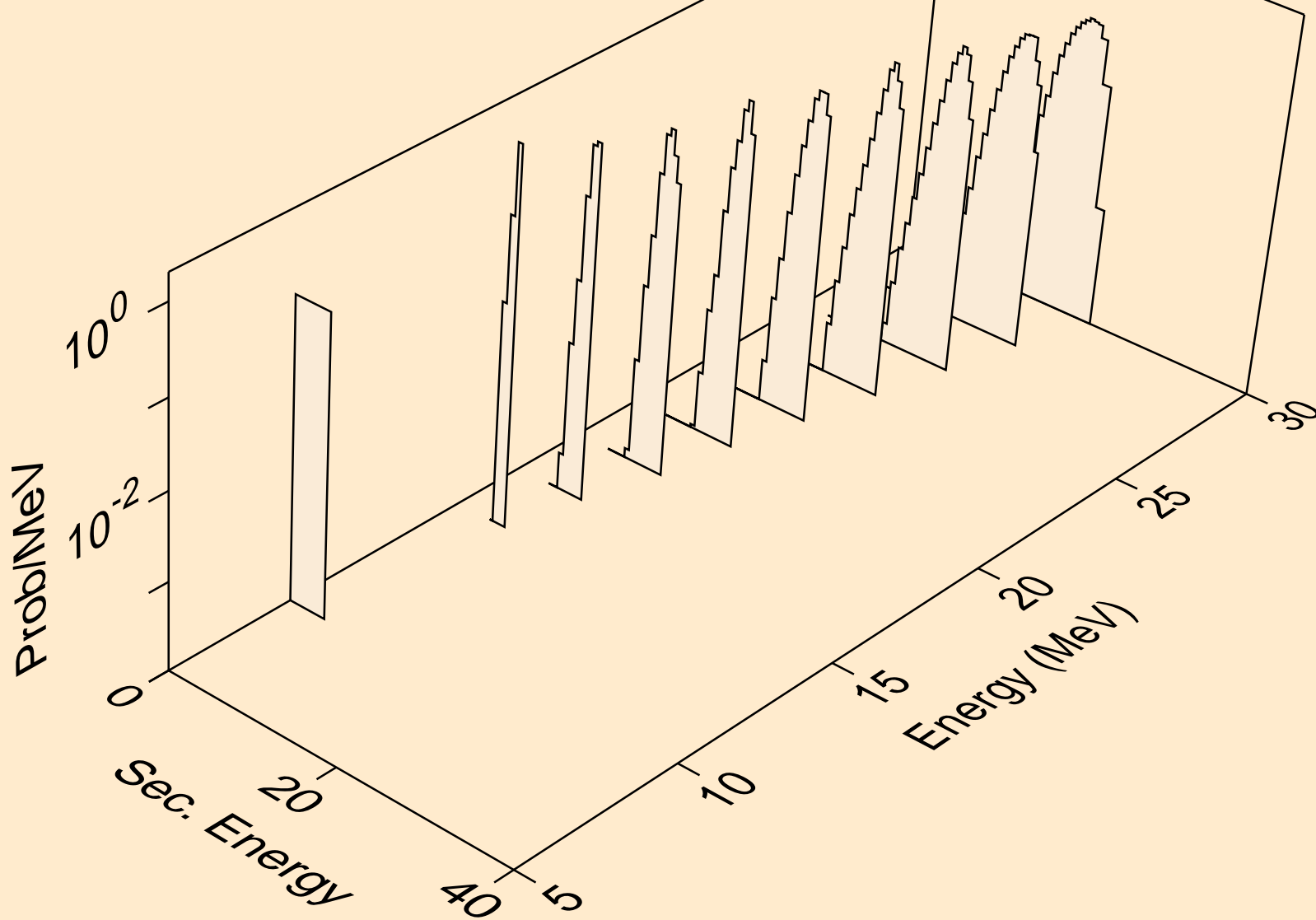
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



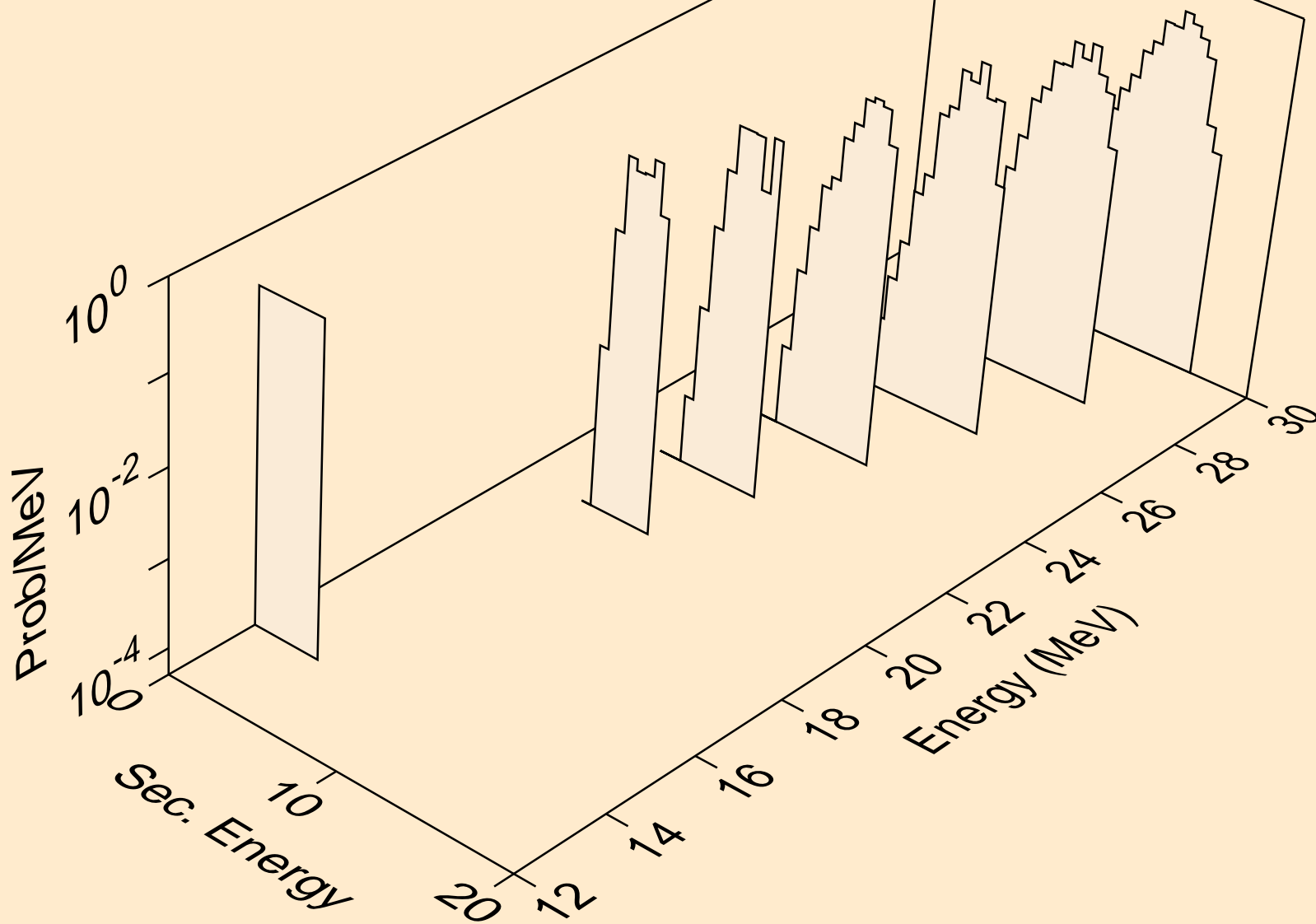
PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



PM153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

