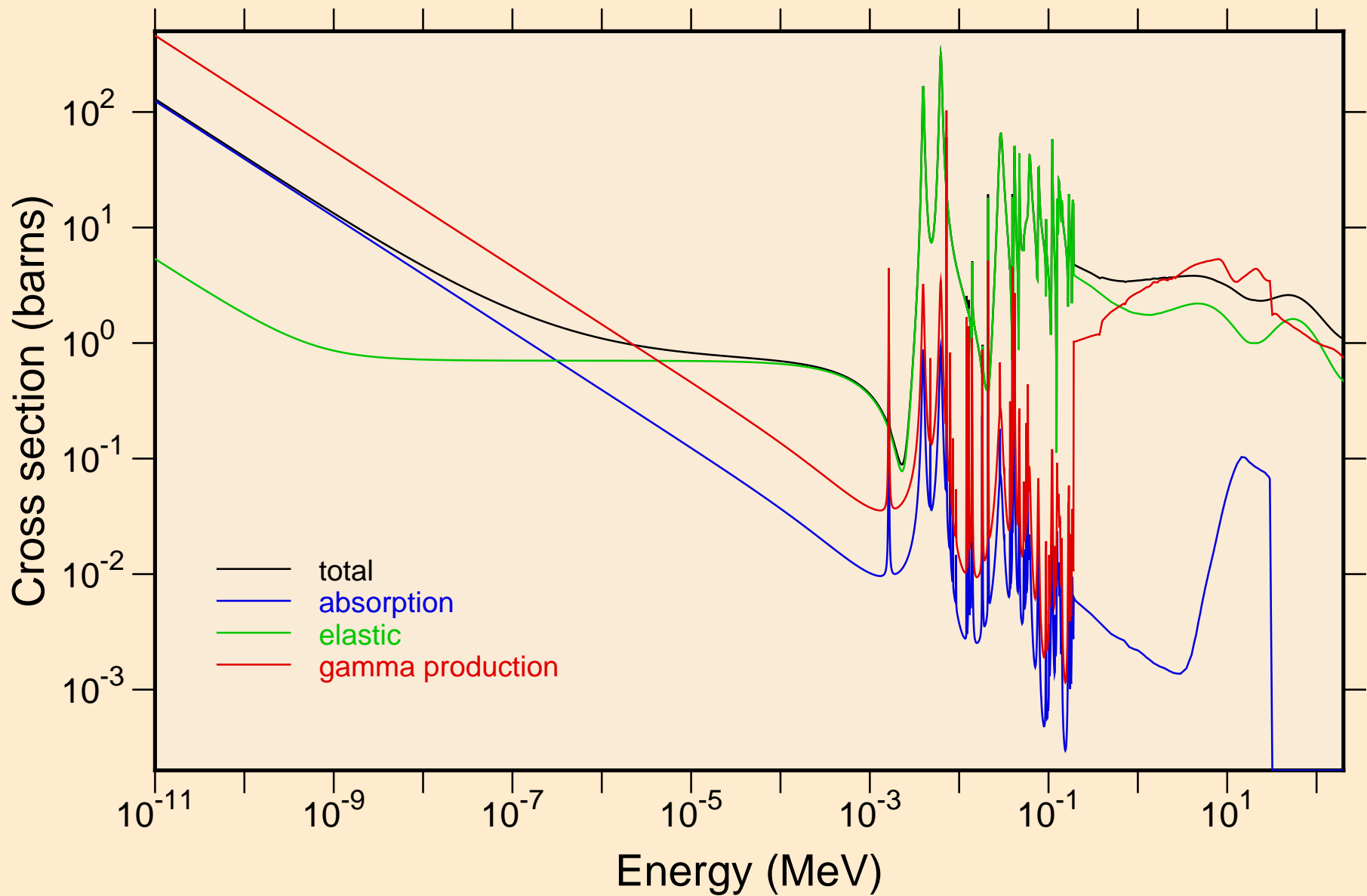
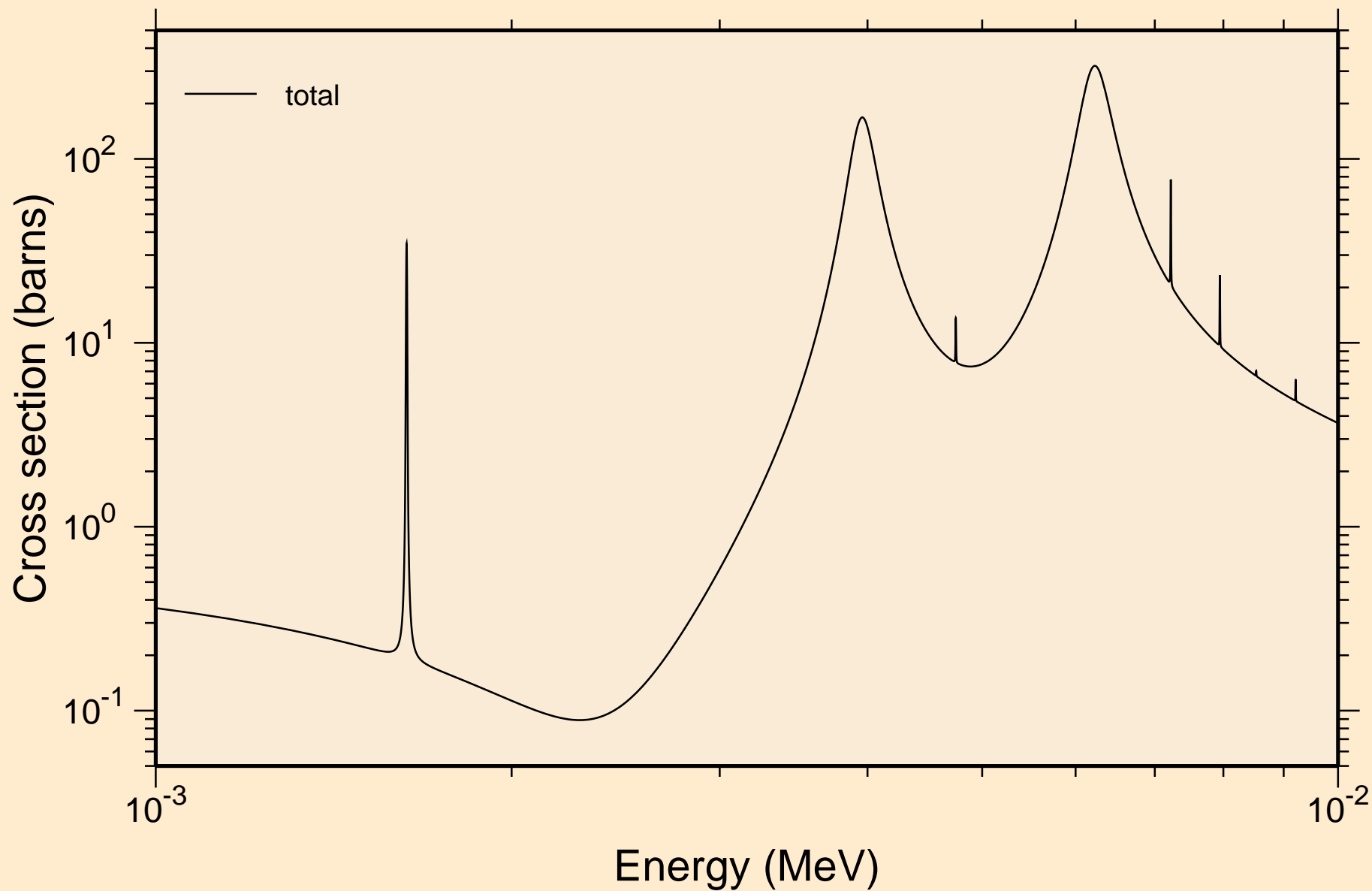


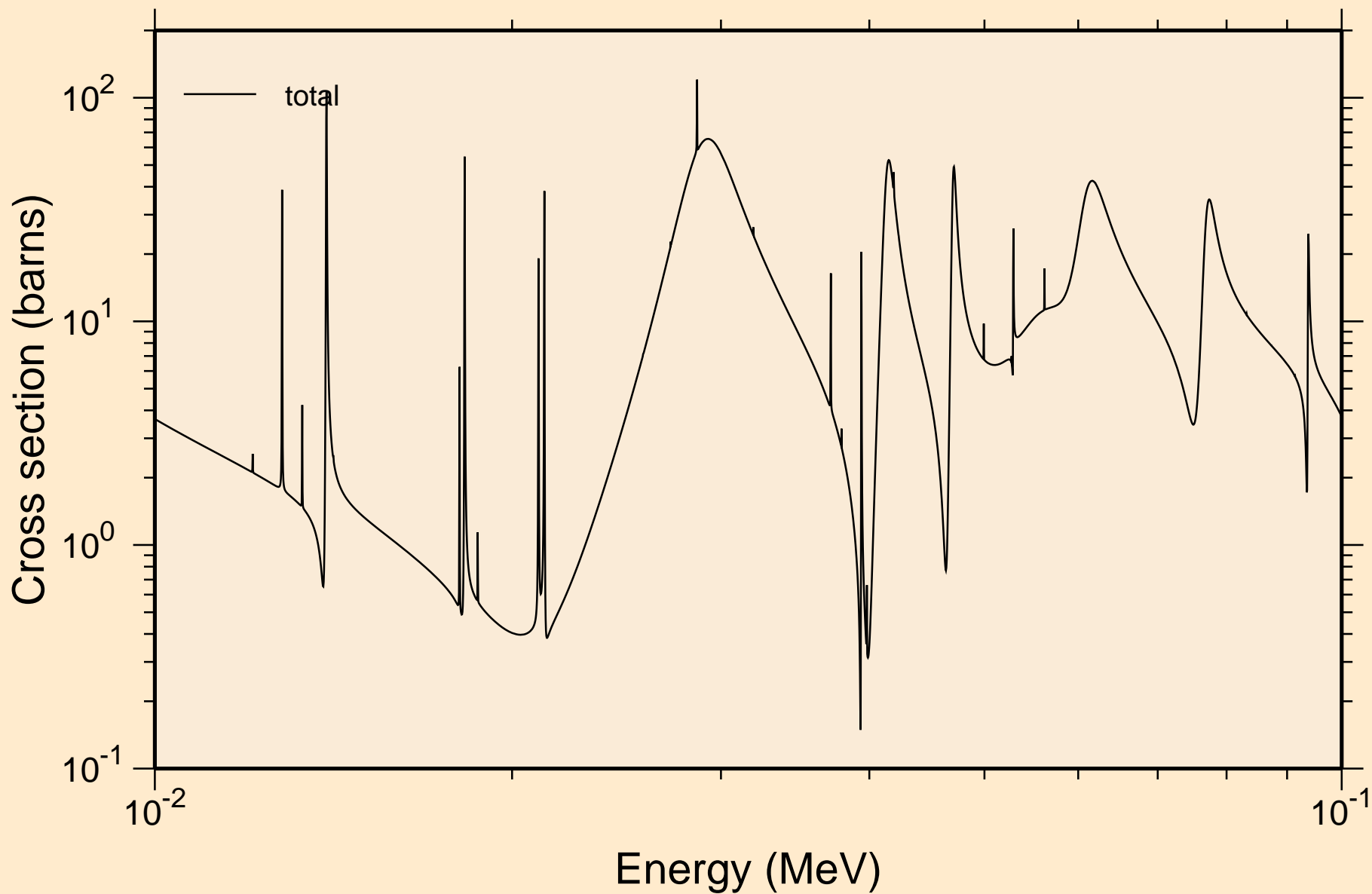
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



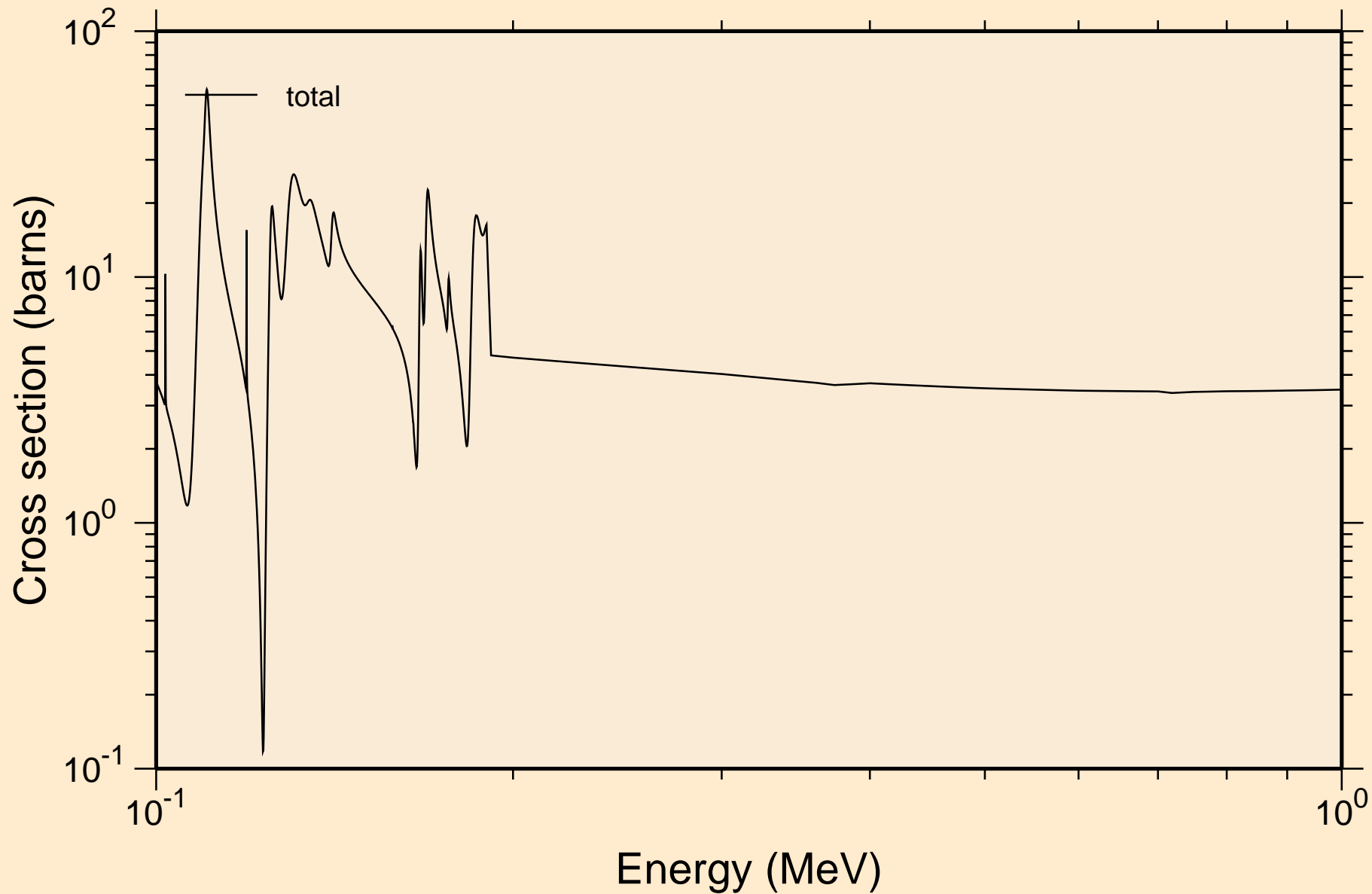
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



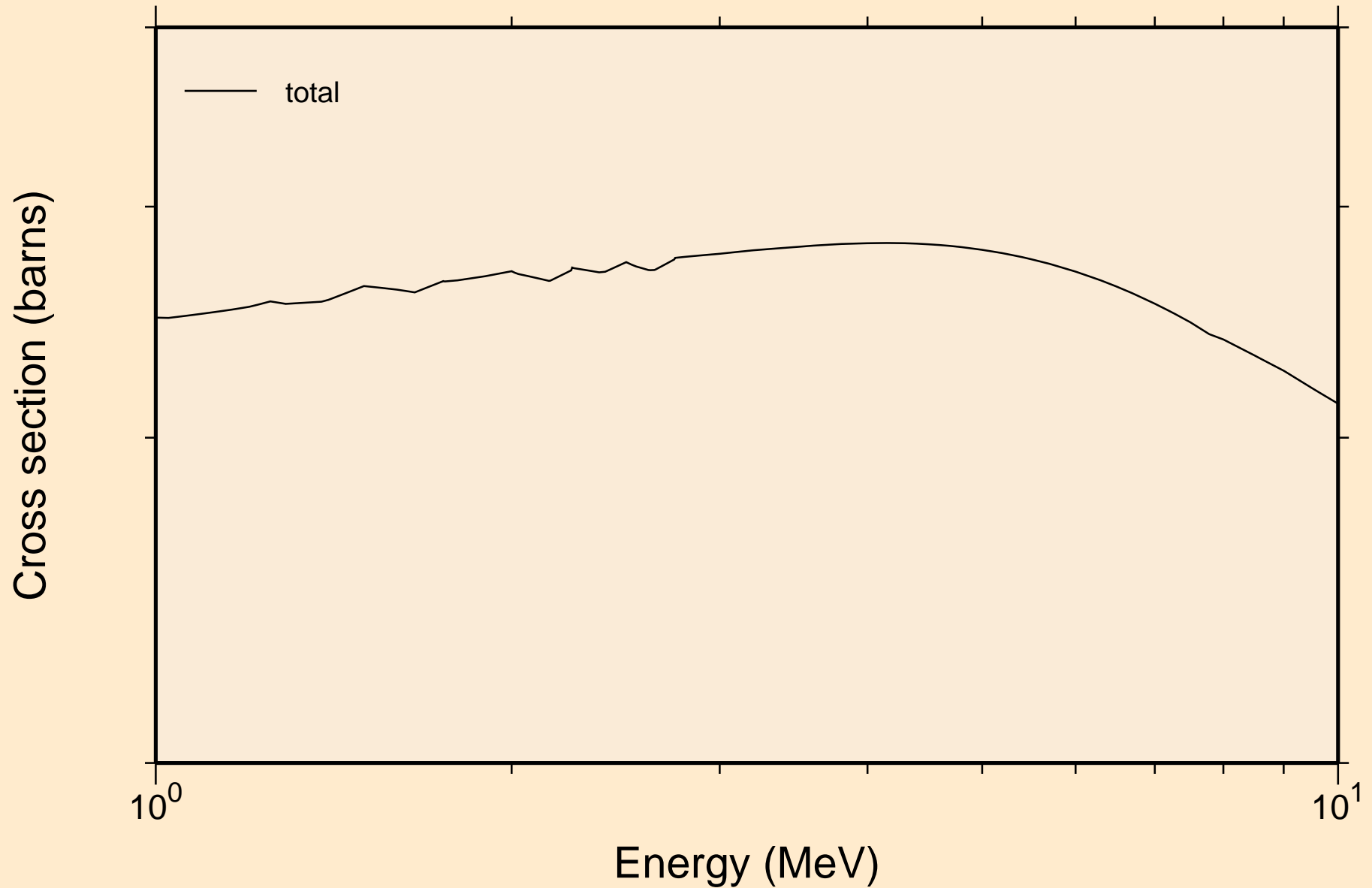
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



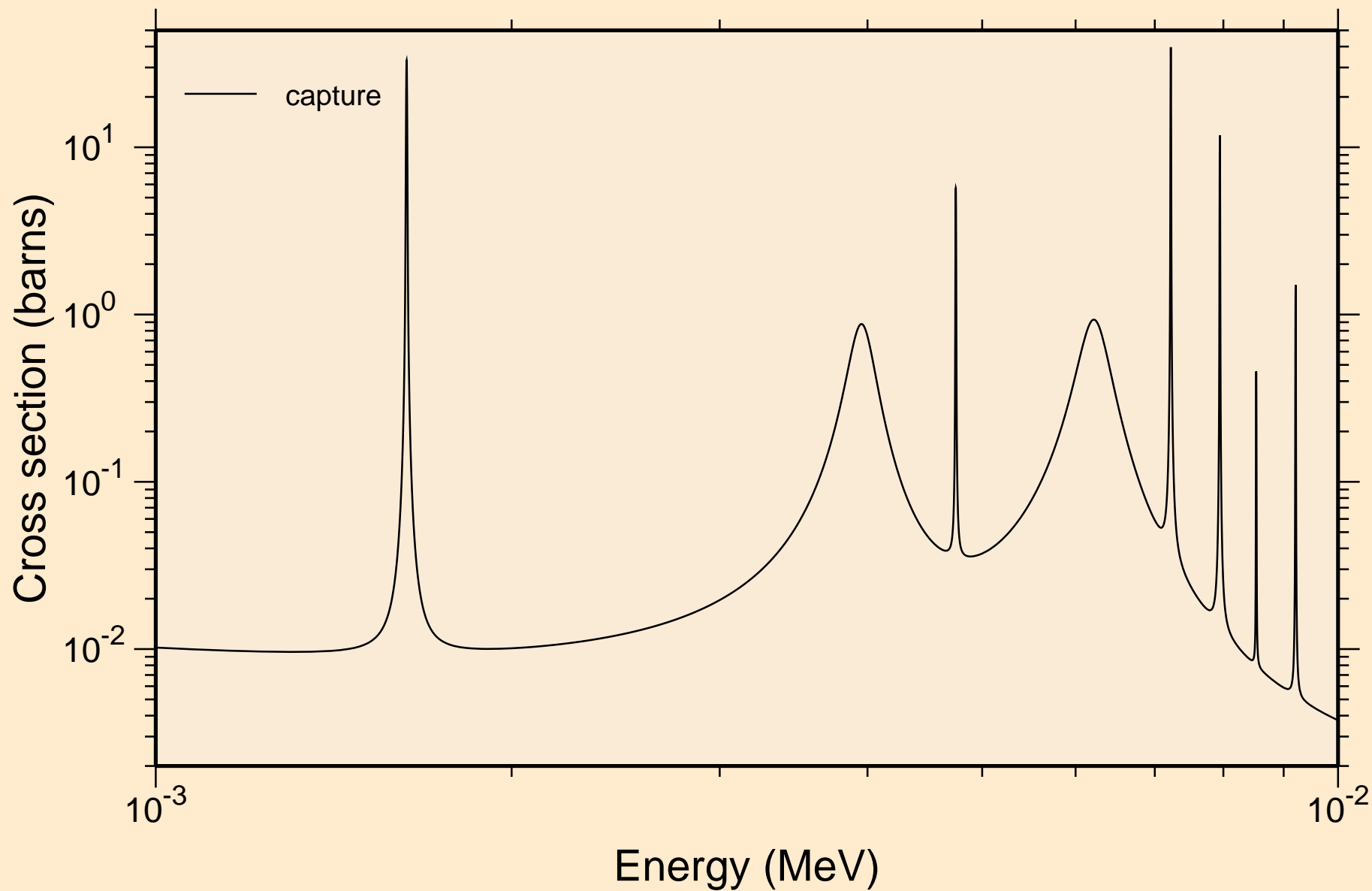
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



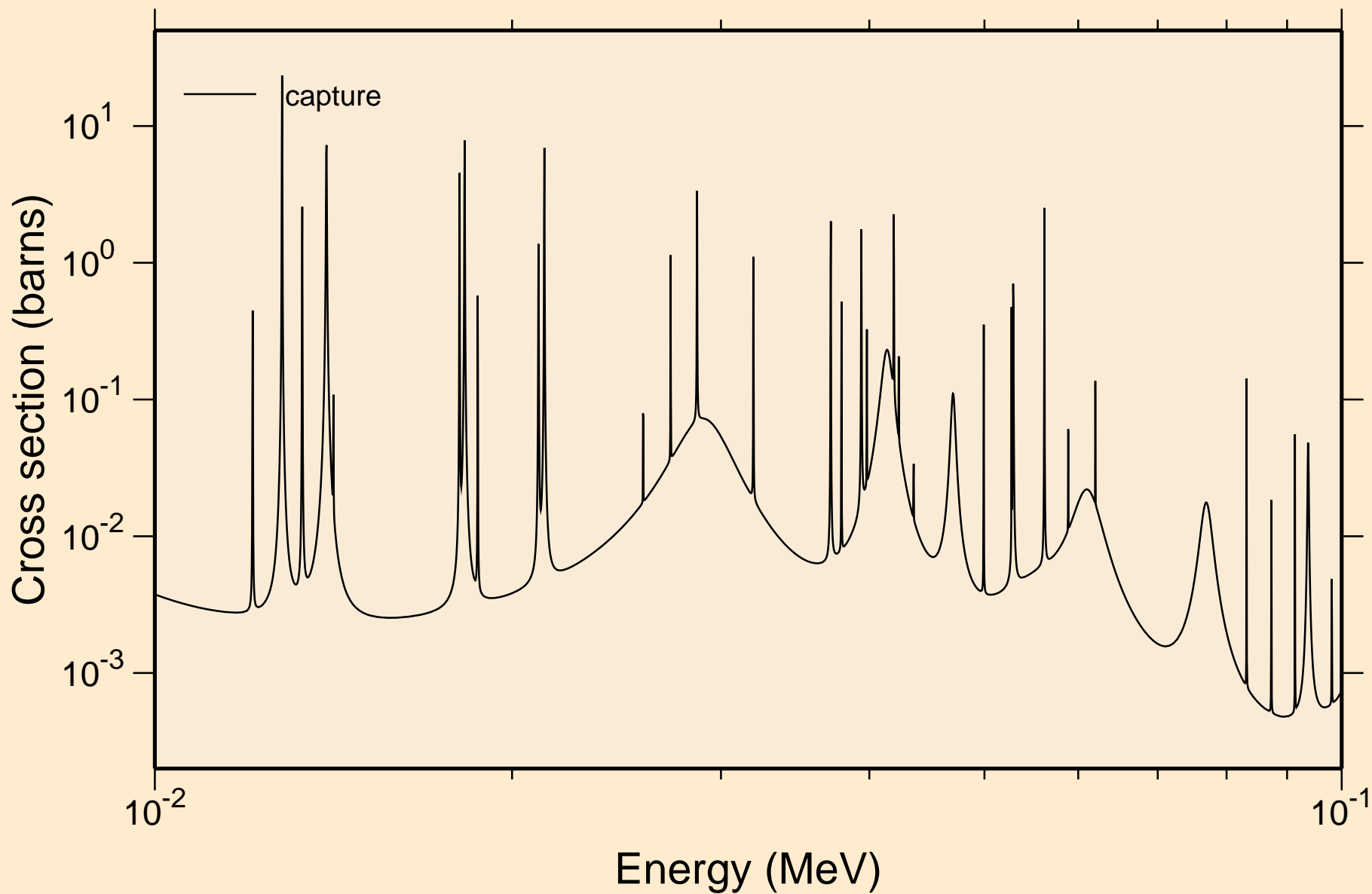
F<sub>57</sub> NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



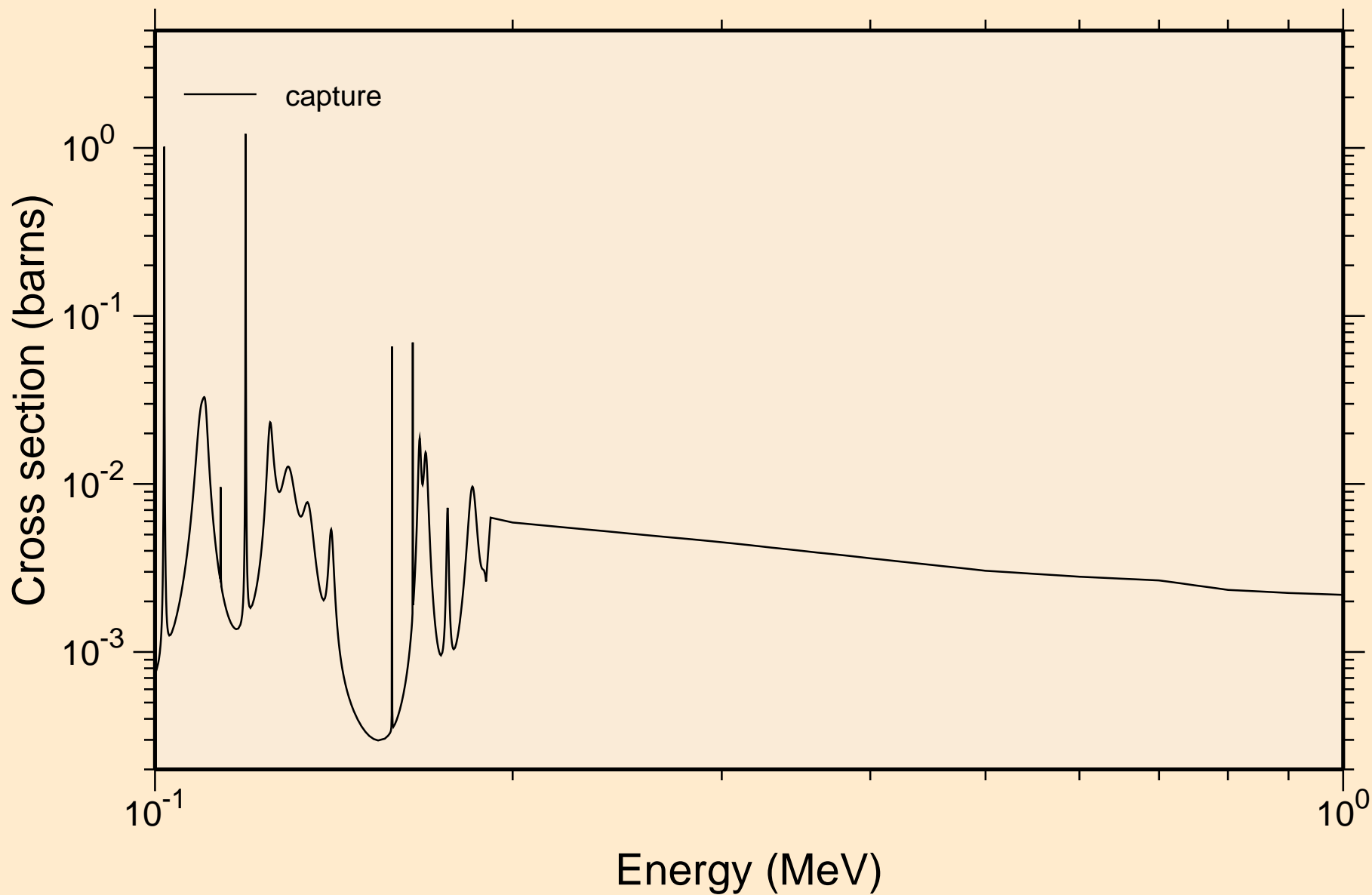
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

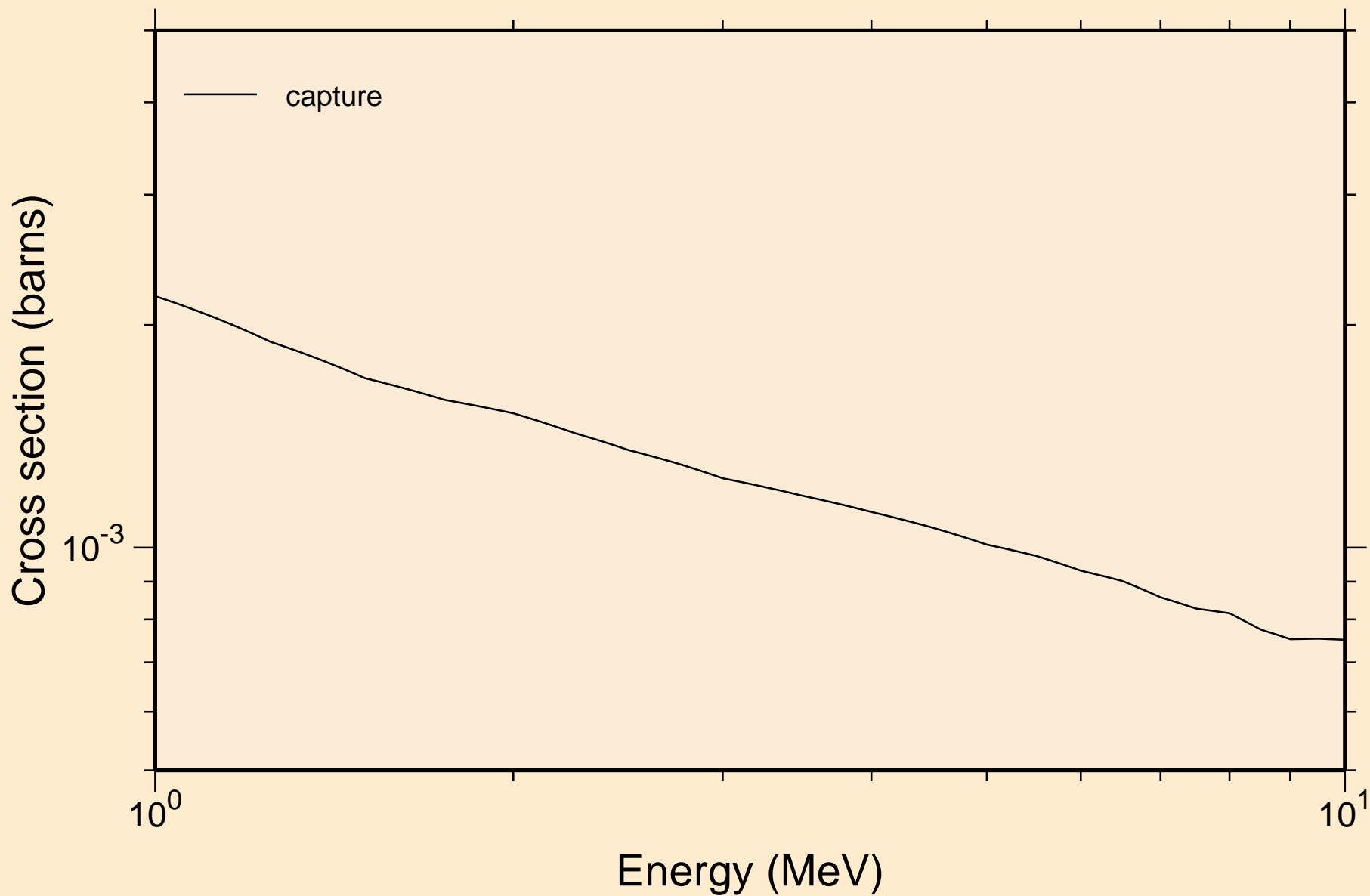


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

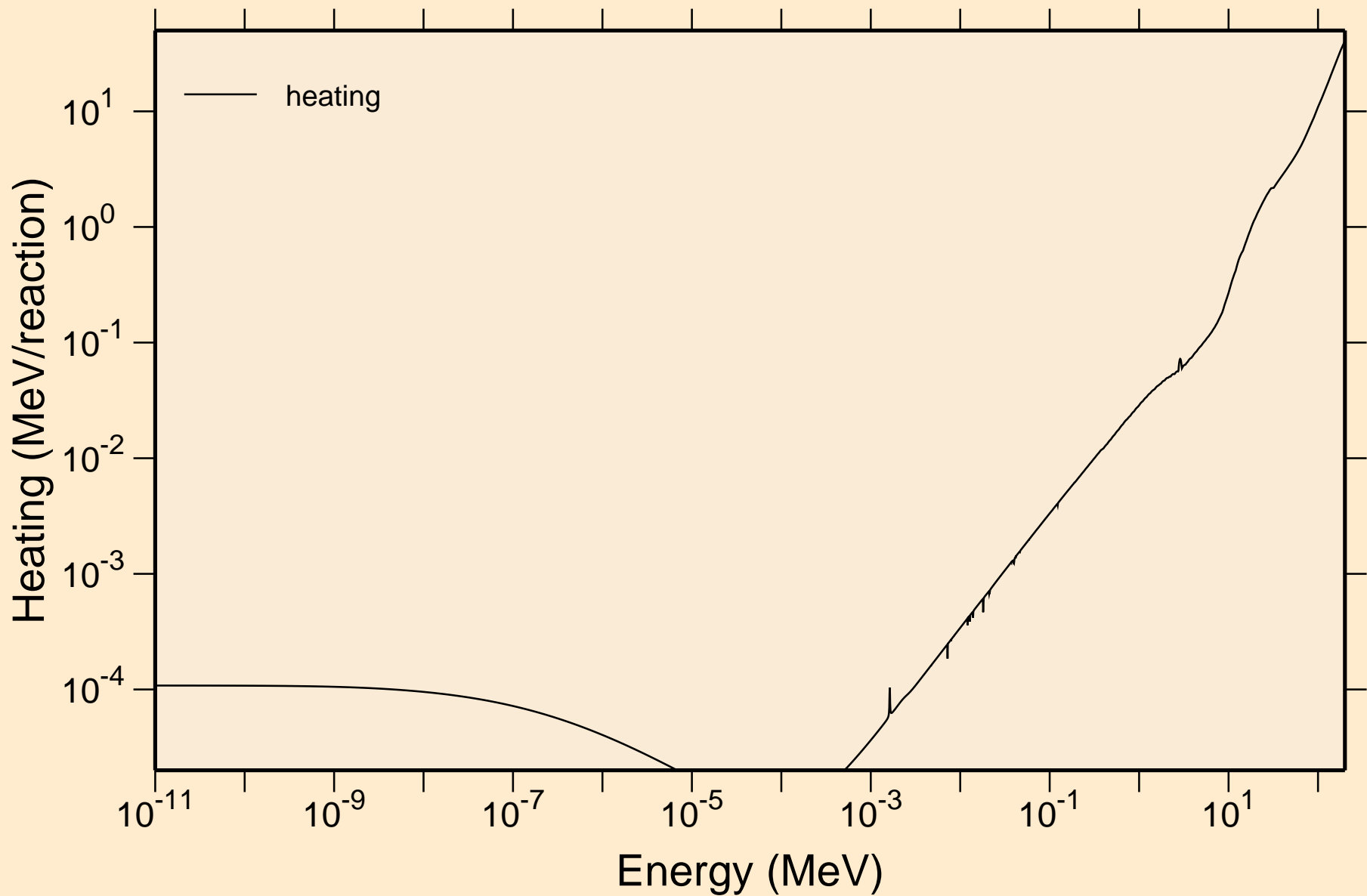




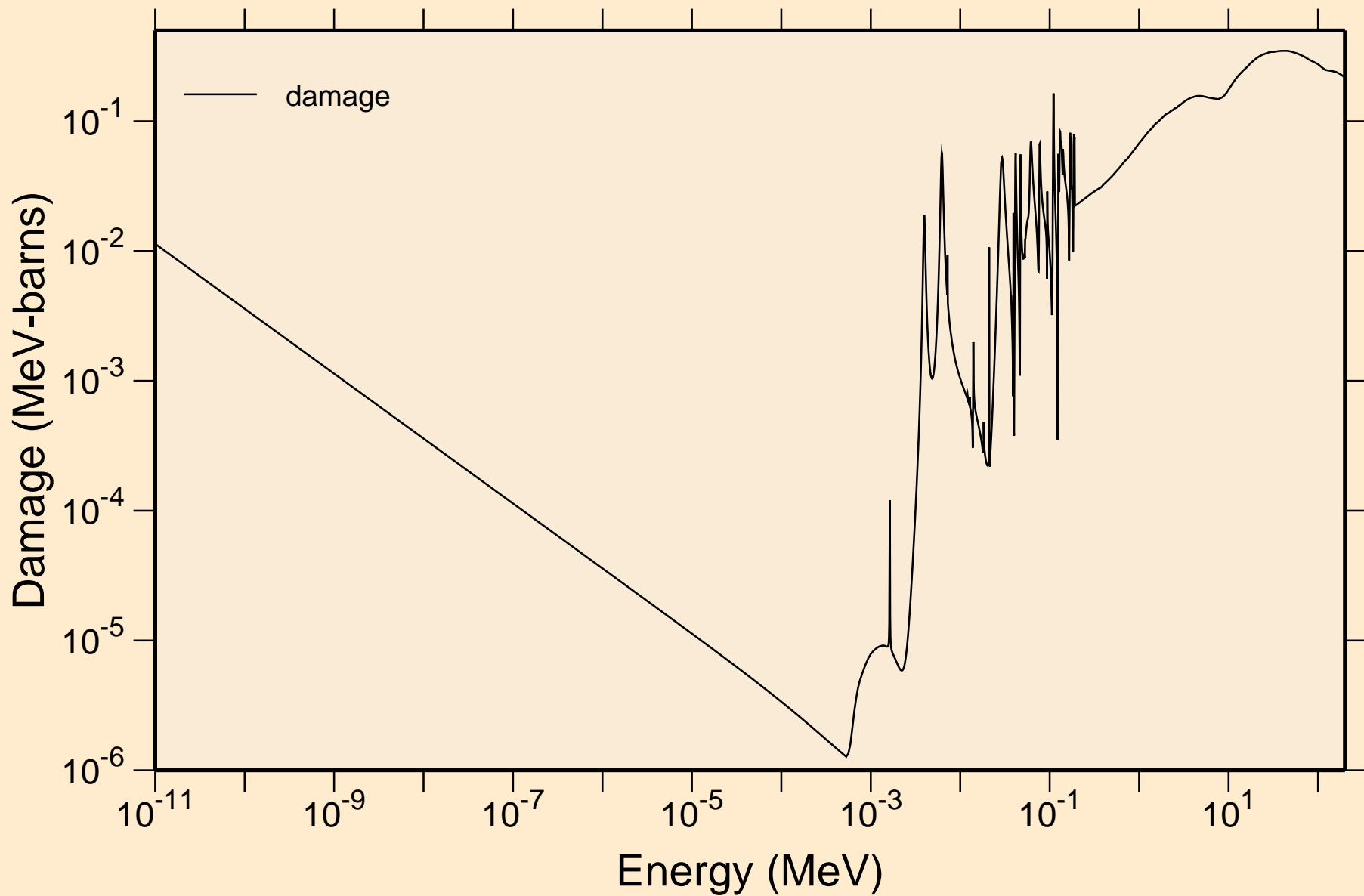
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



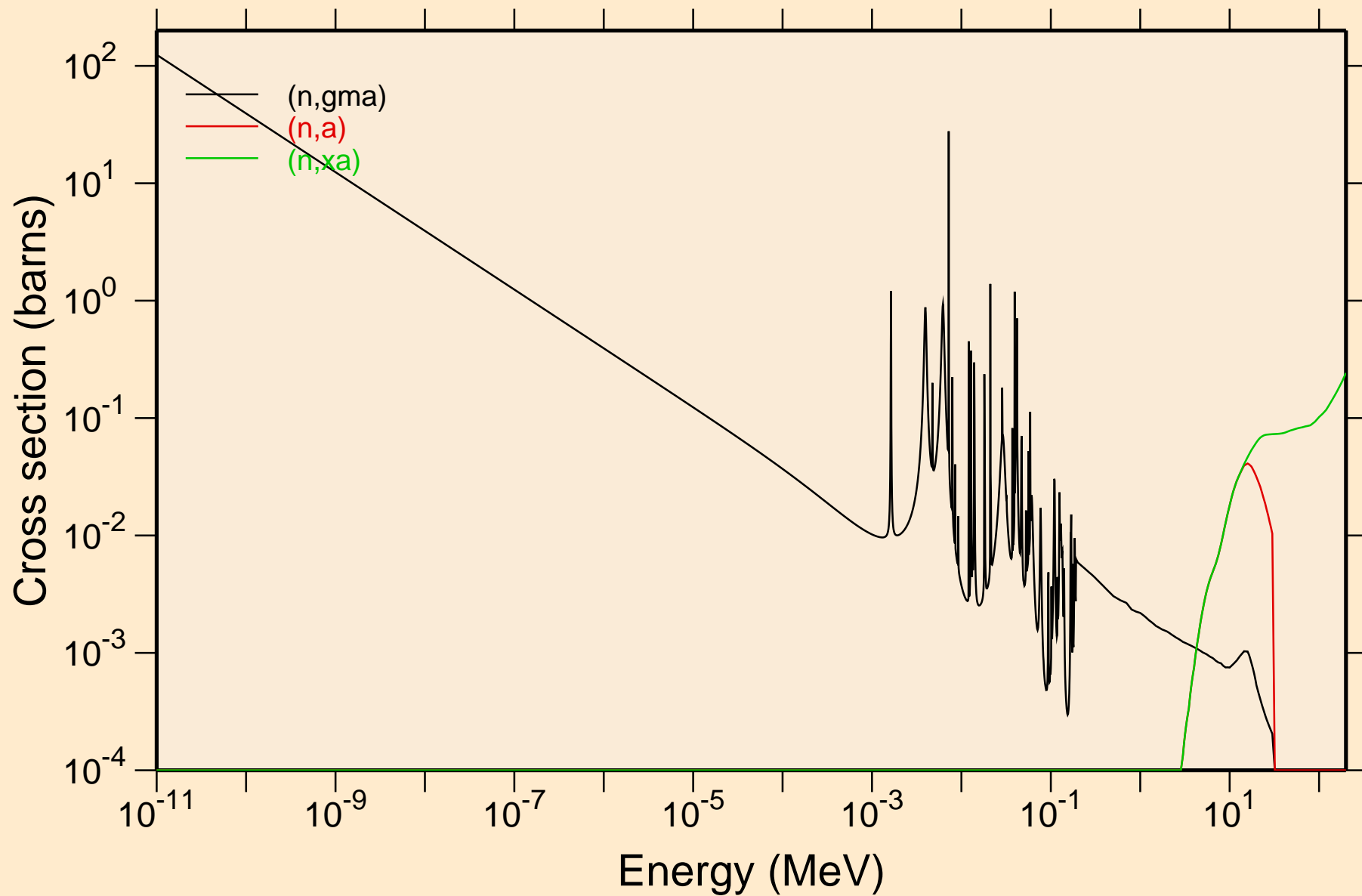
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



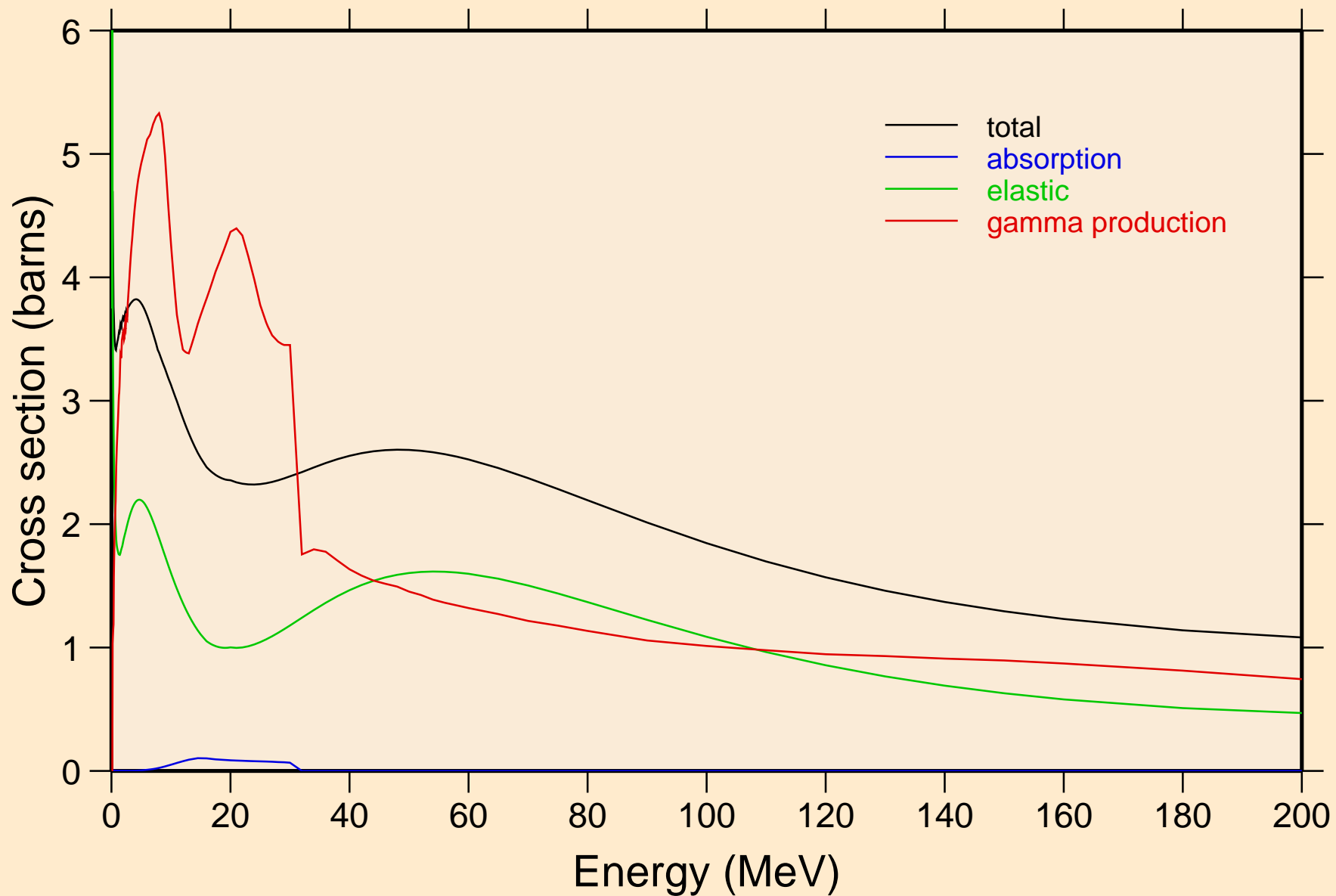
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



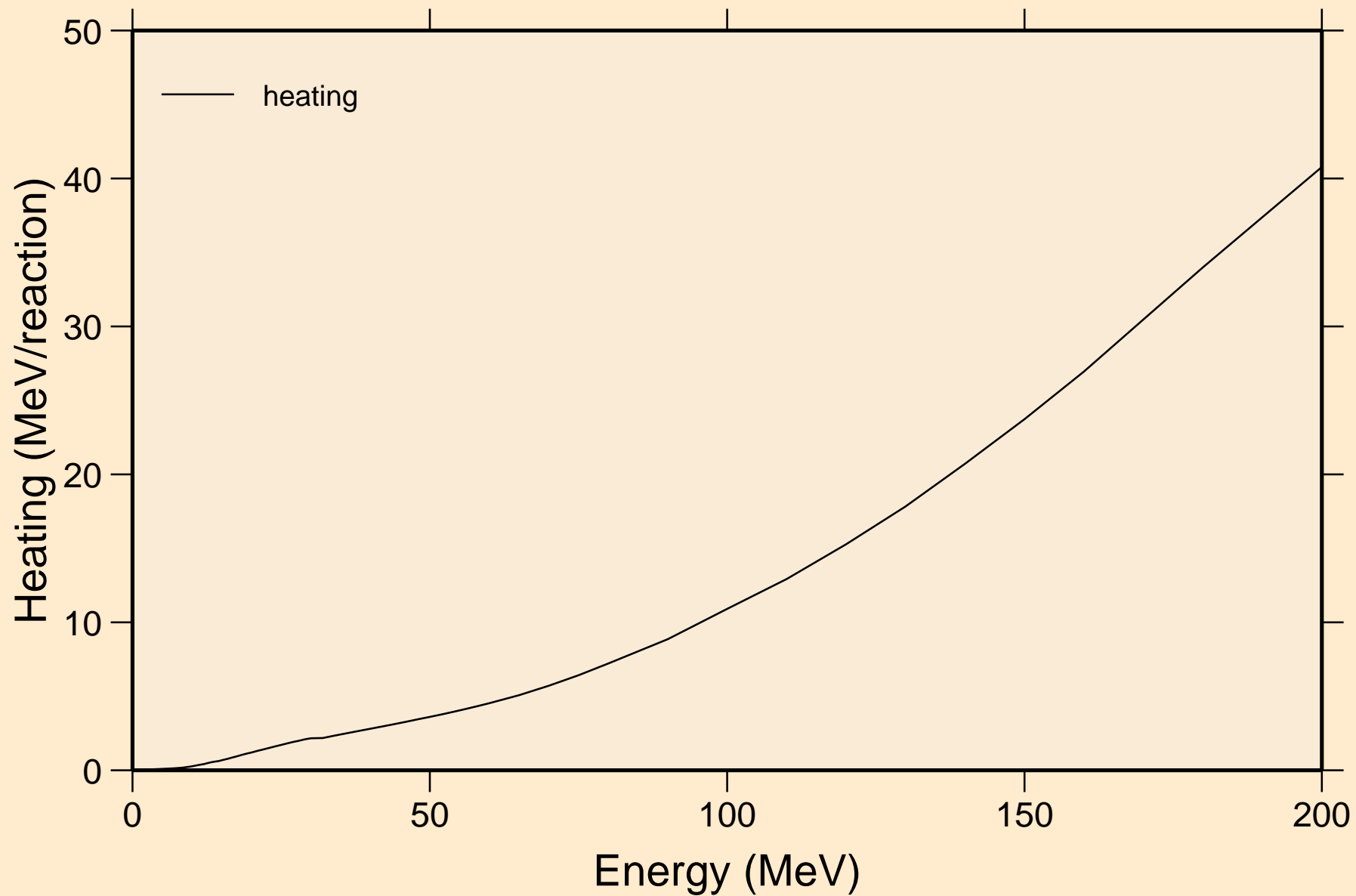
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



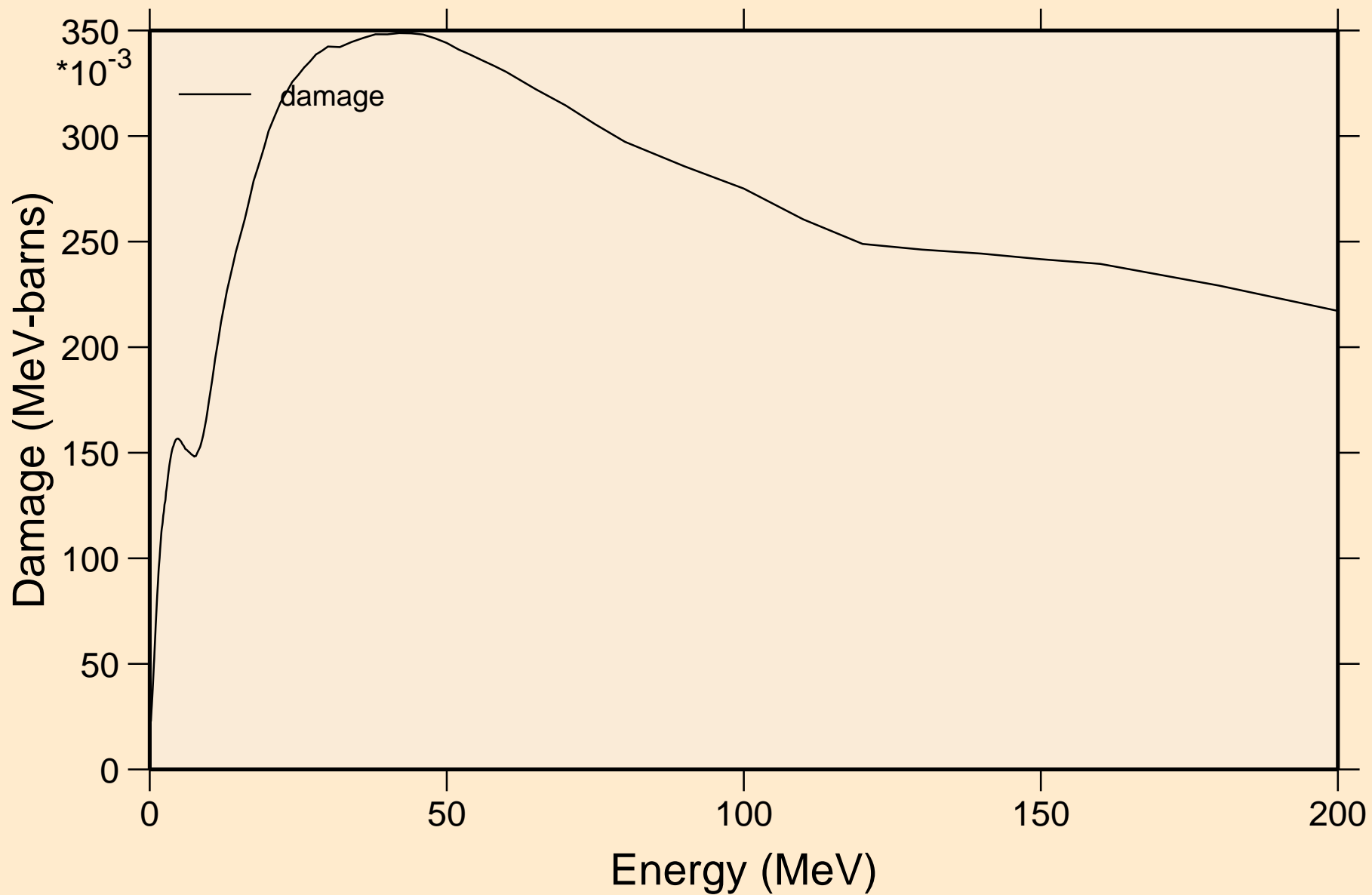
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



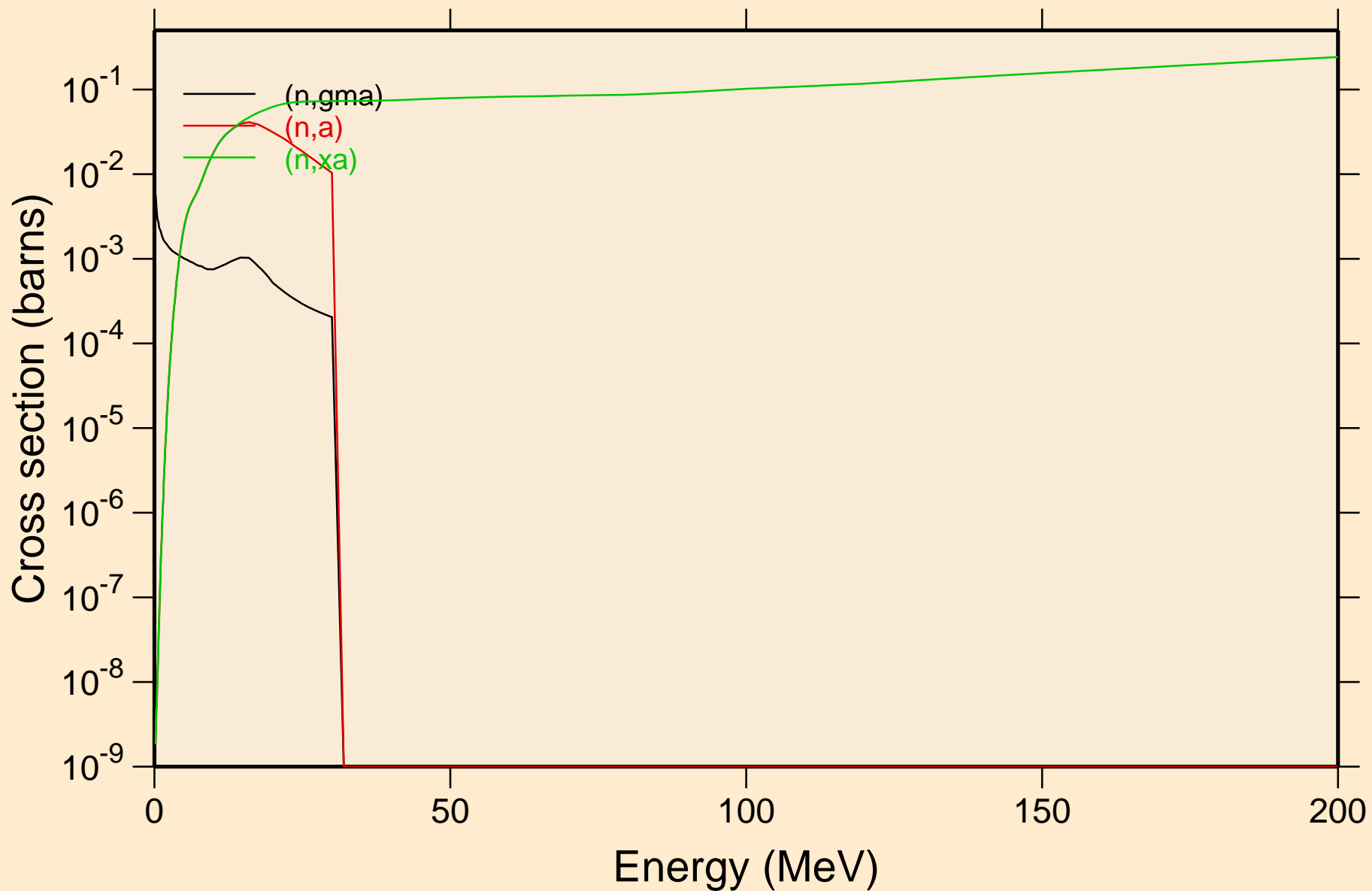
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

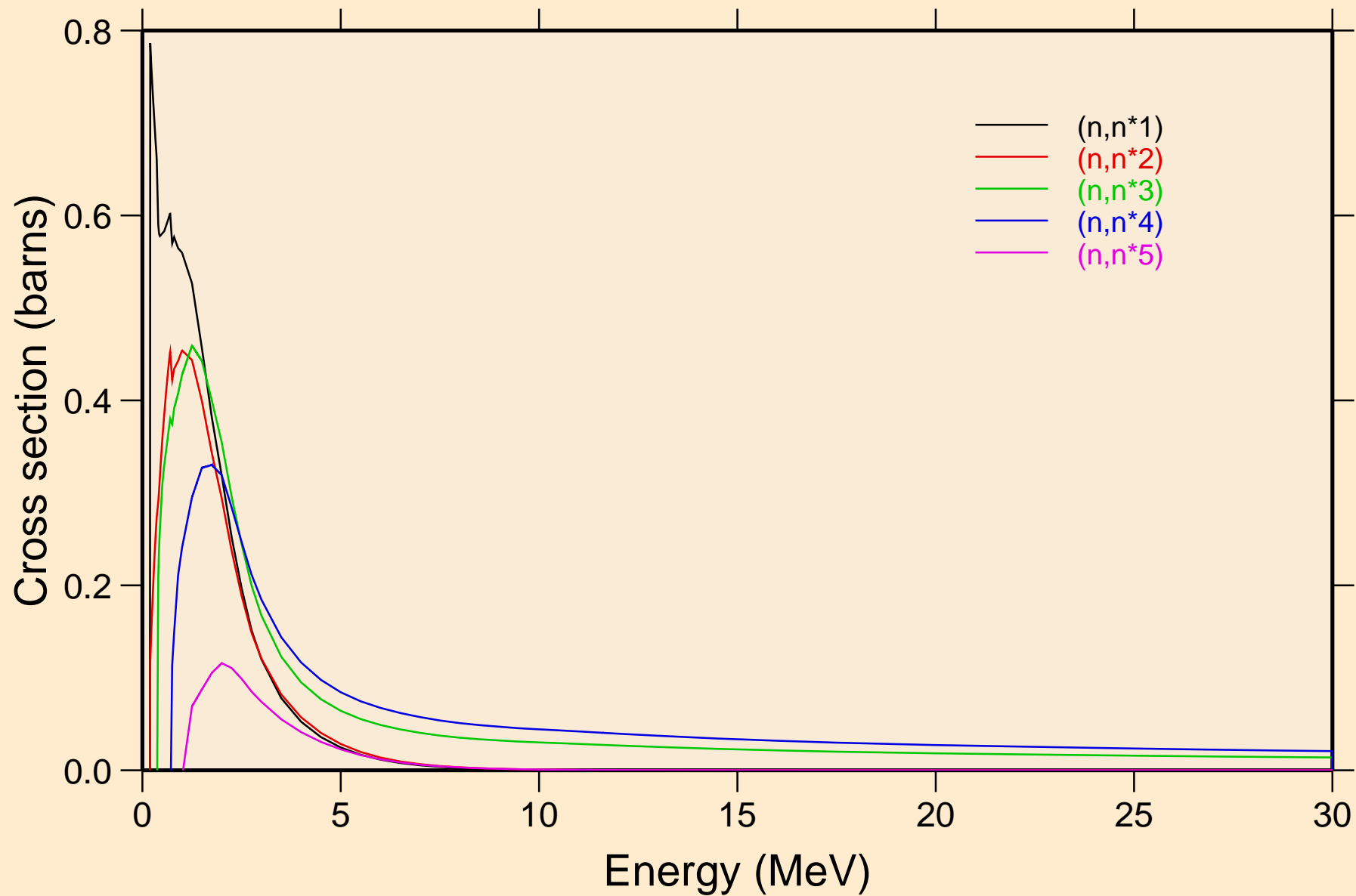


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

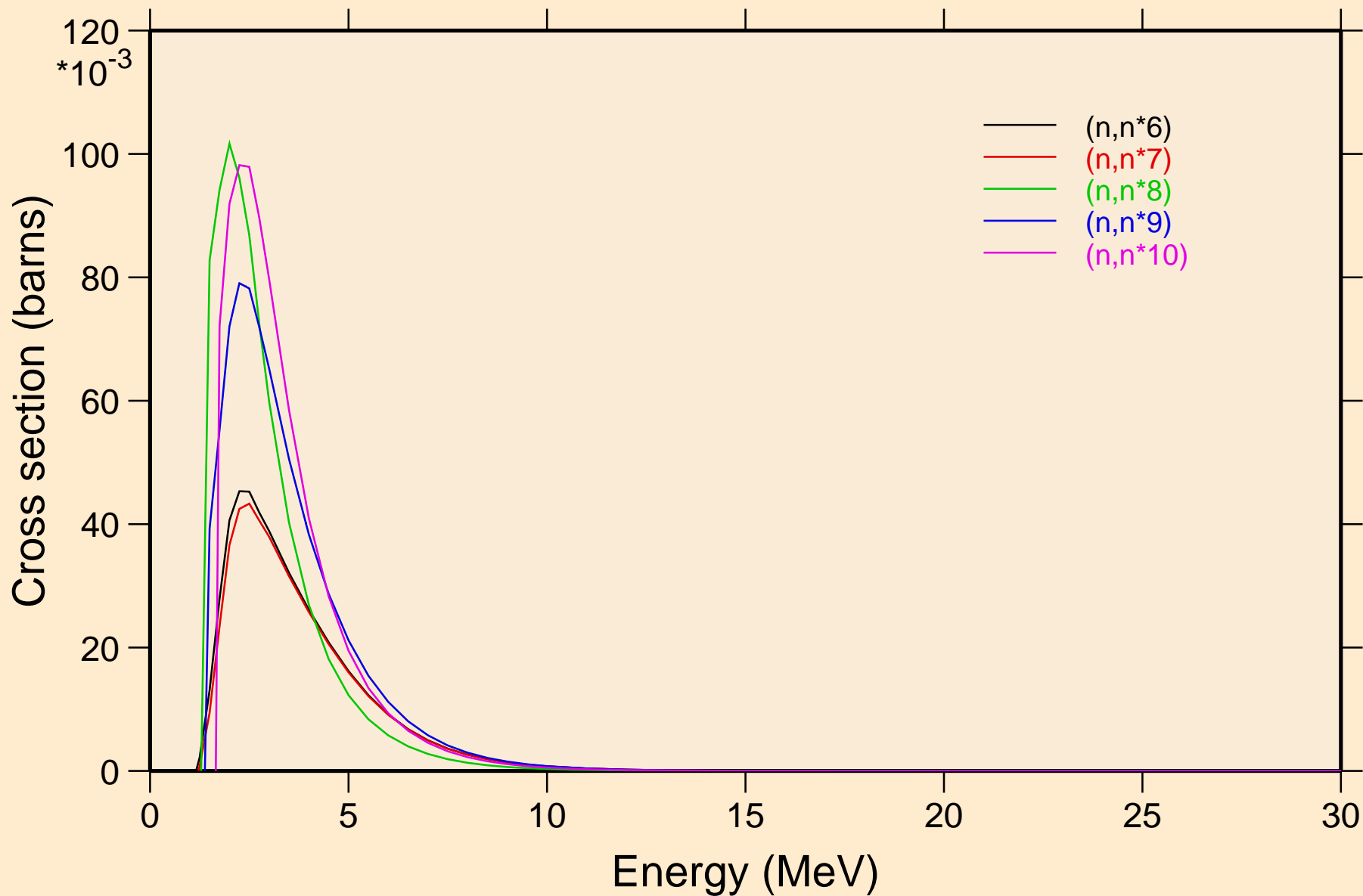




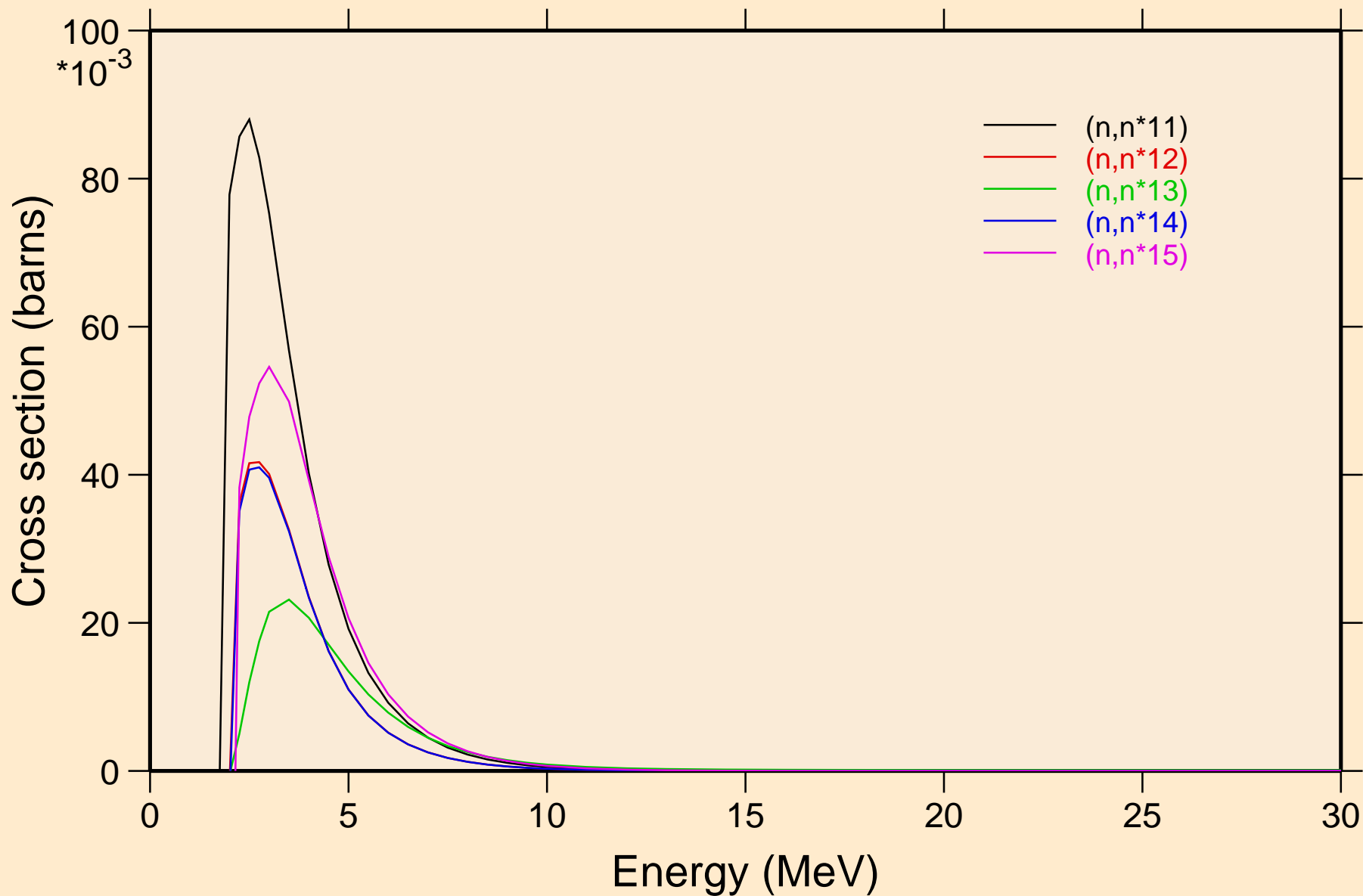
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



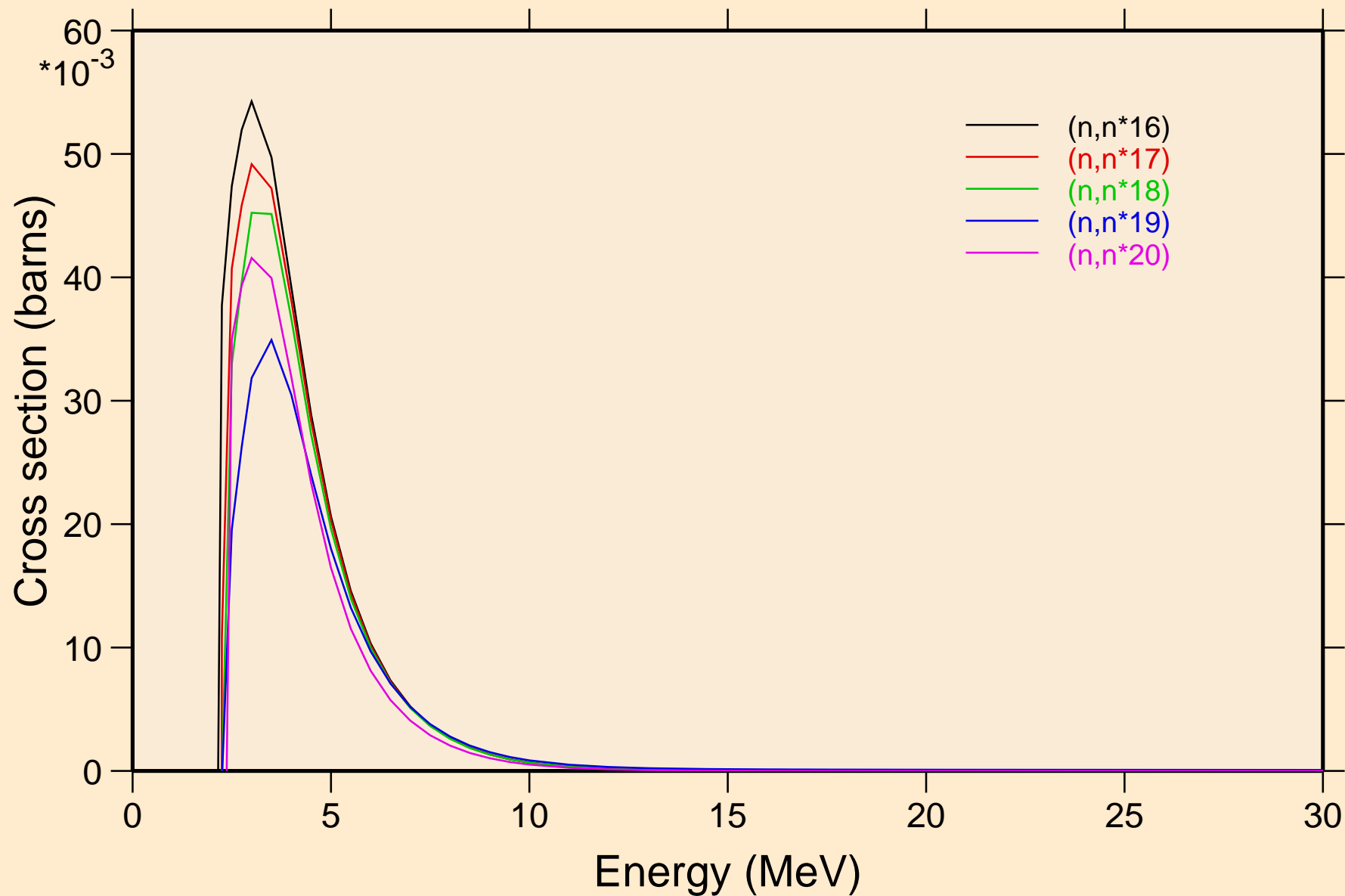
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



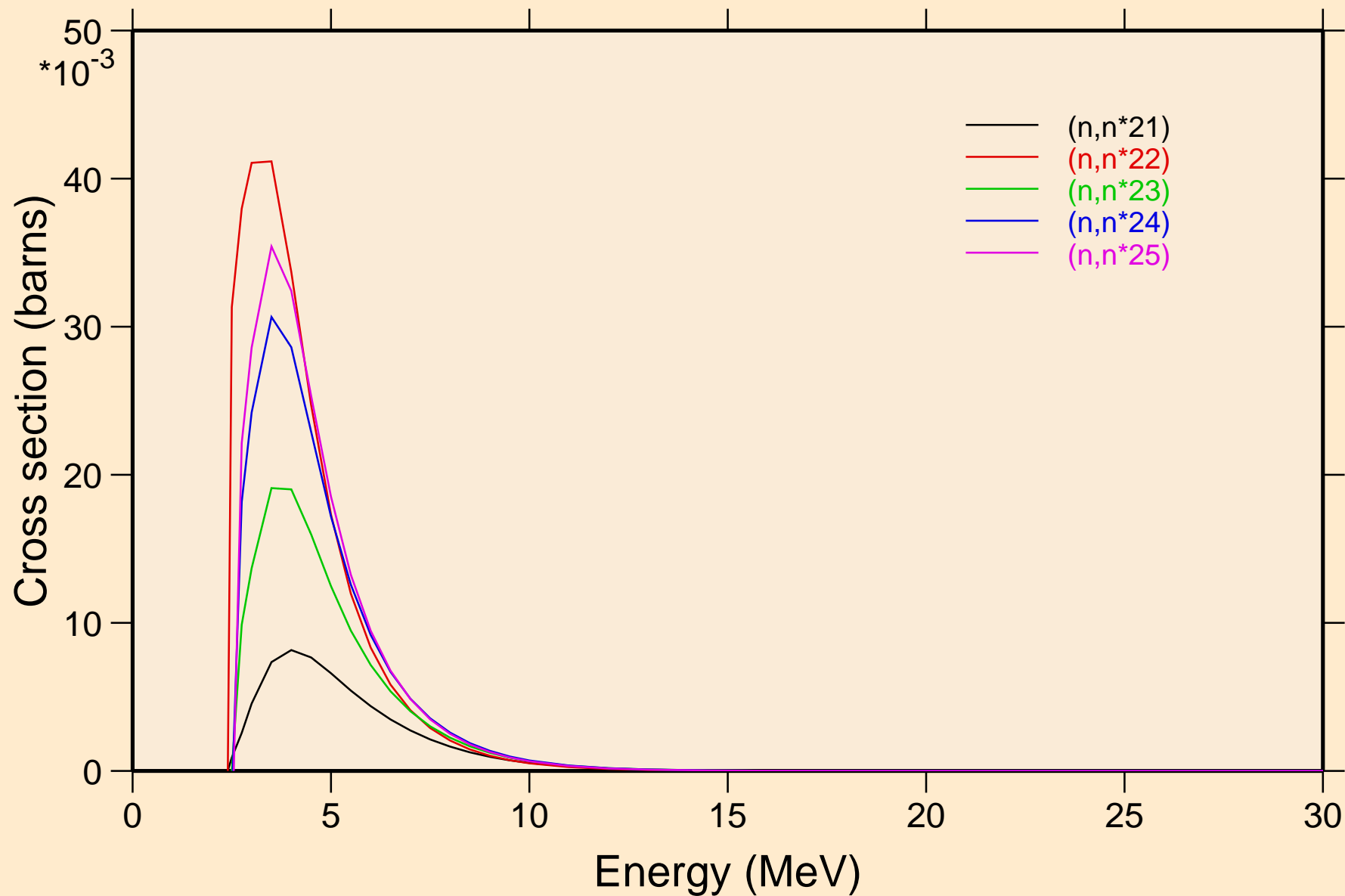
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



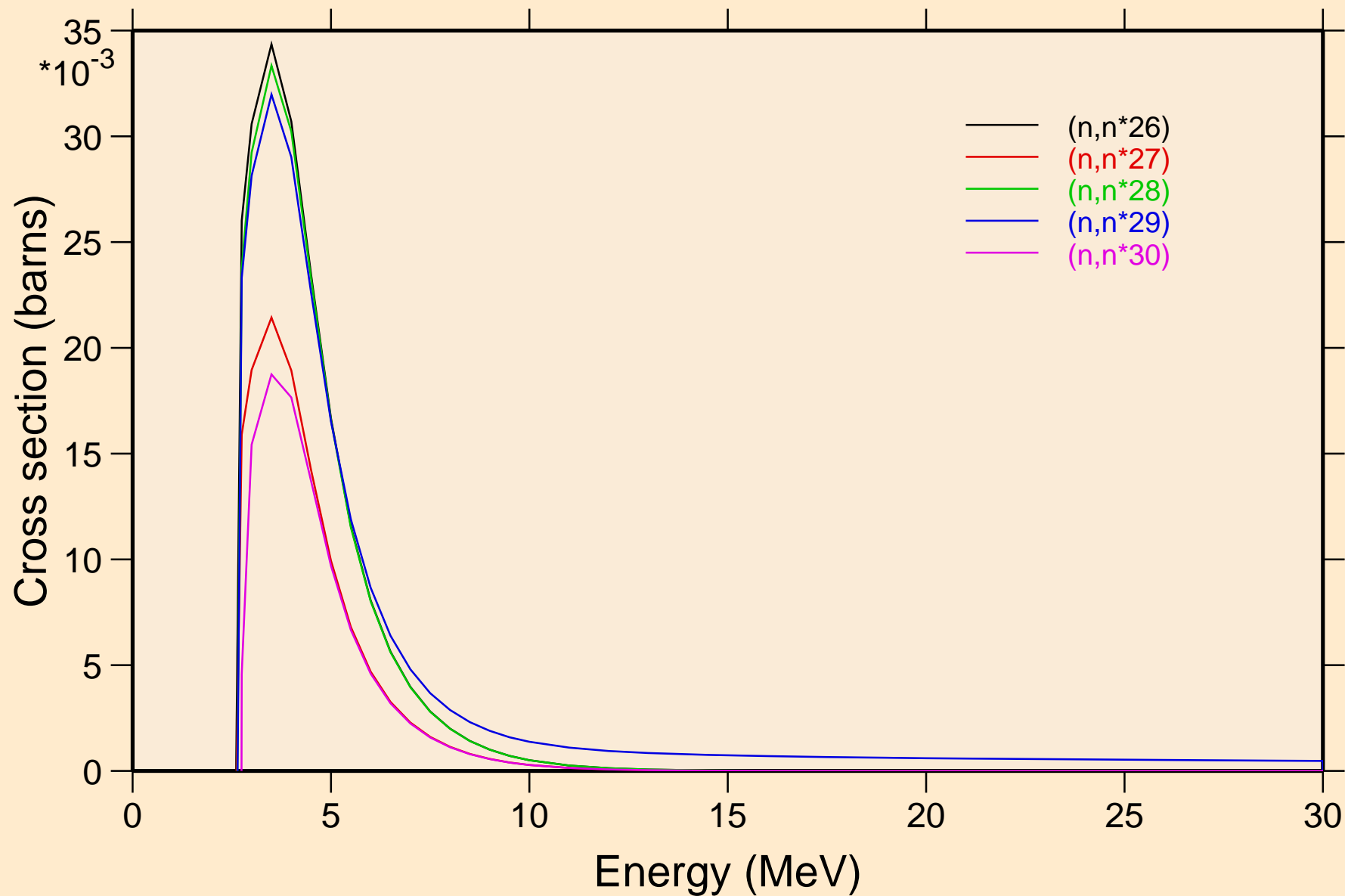
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



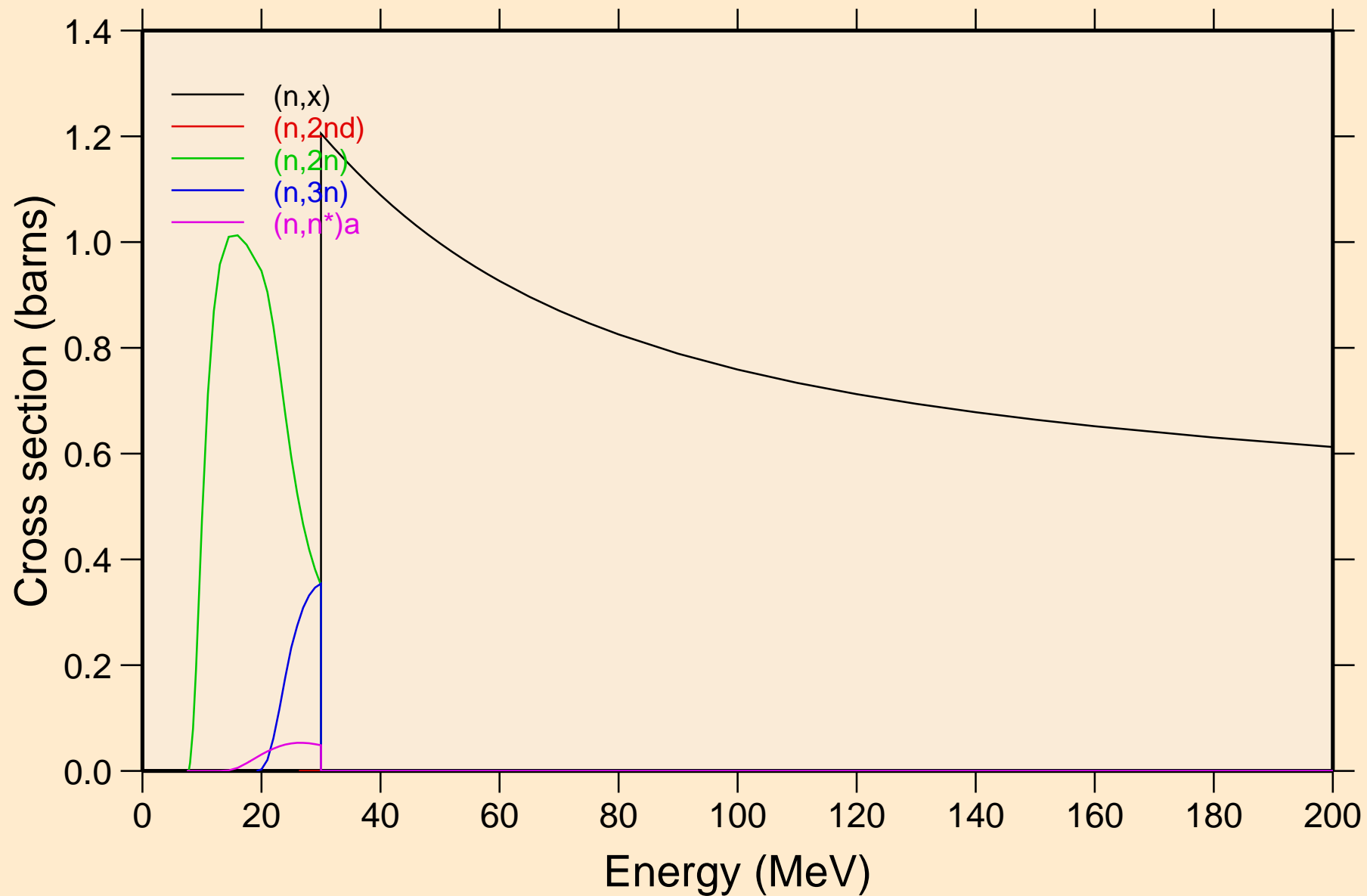
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



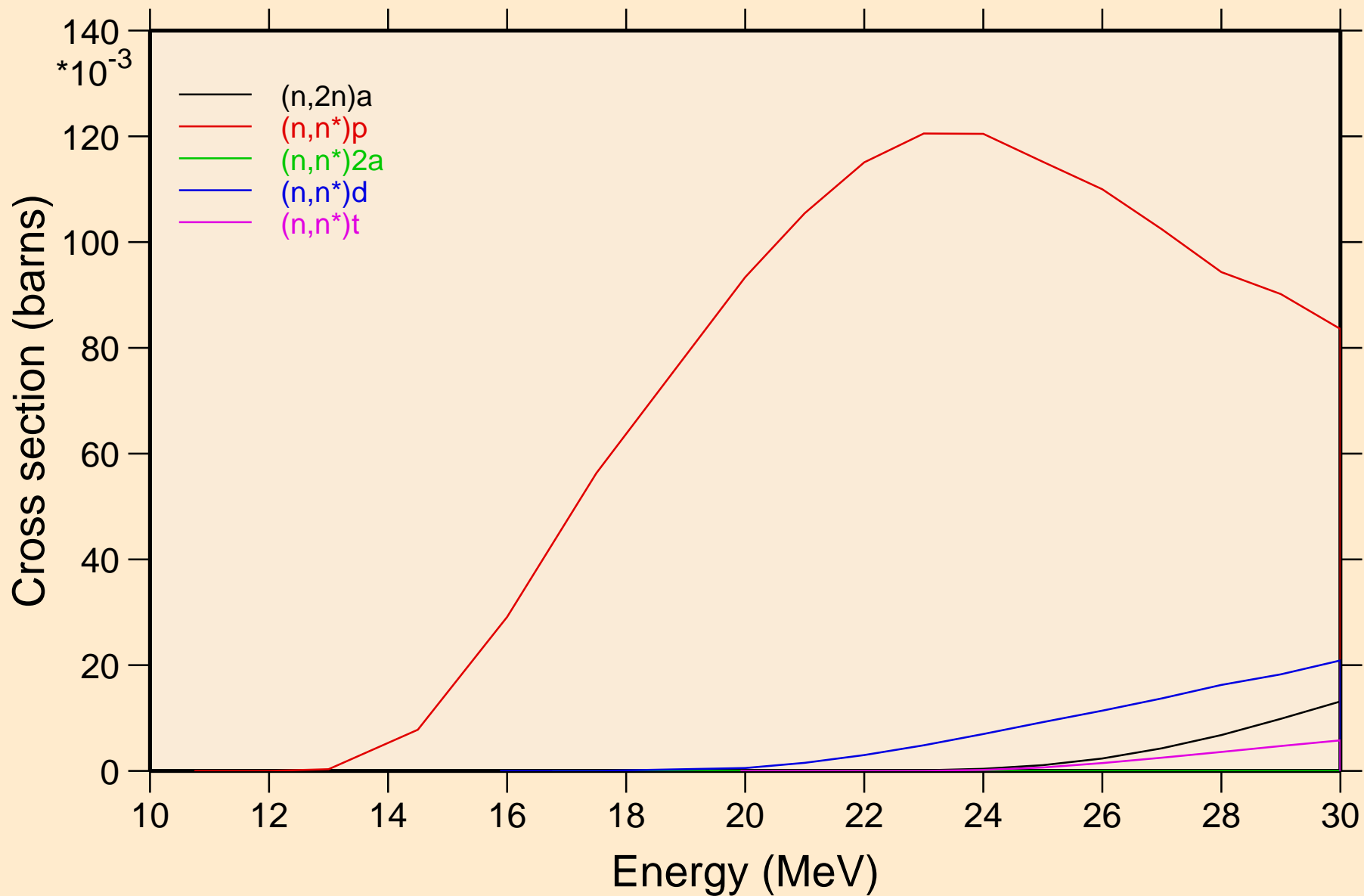
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

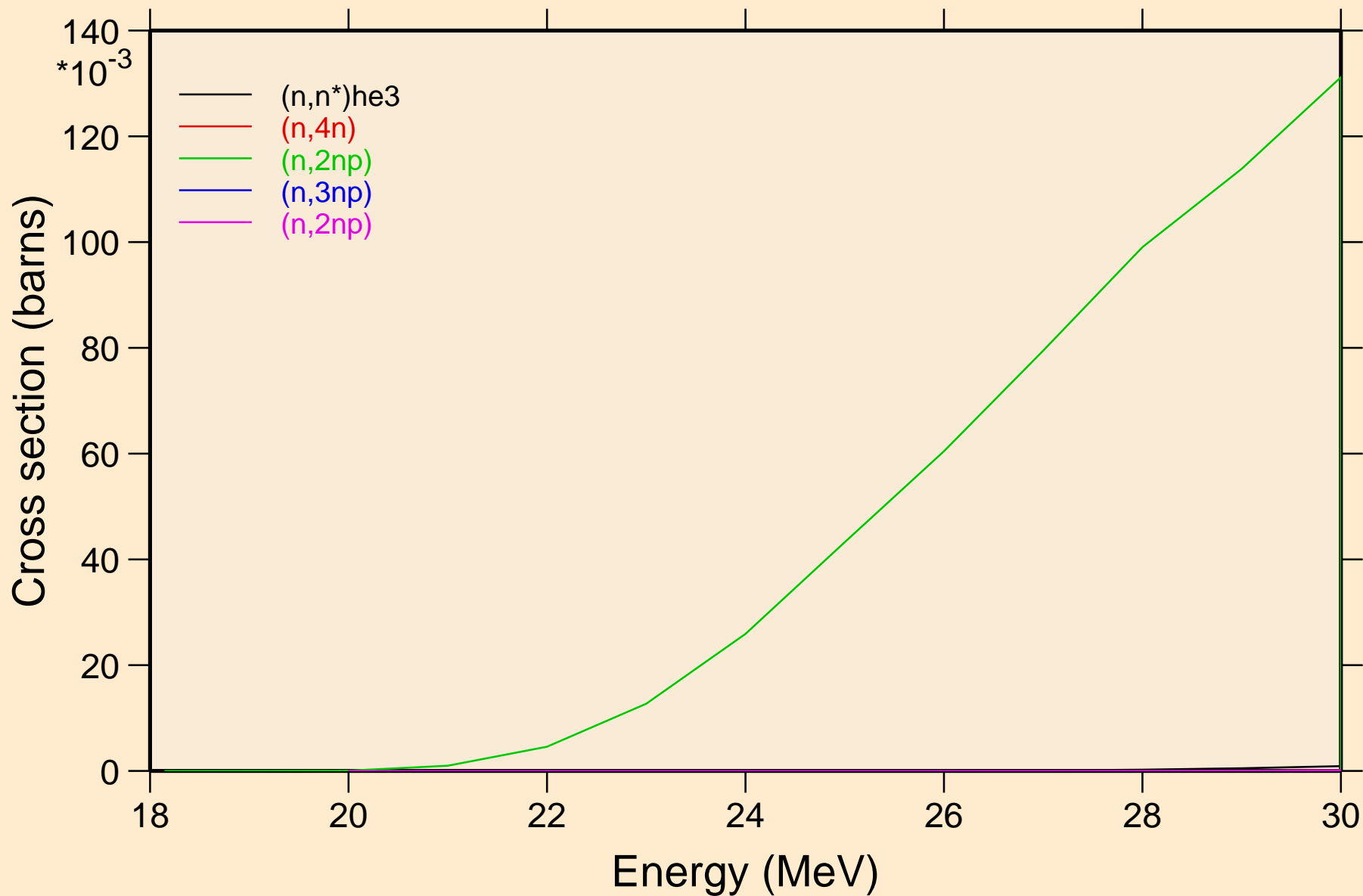


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

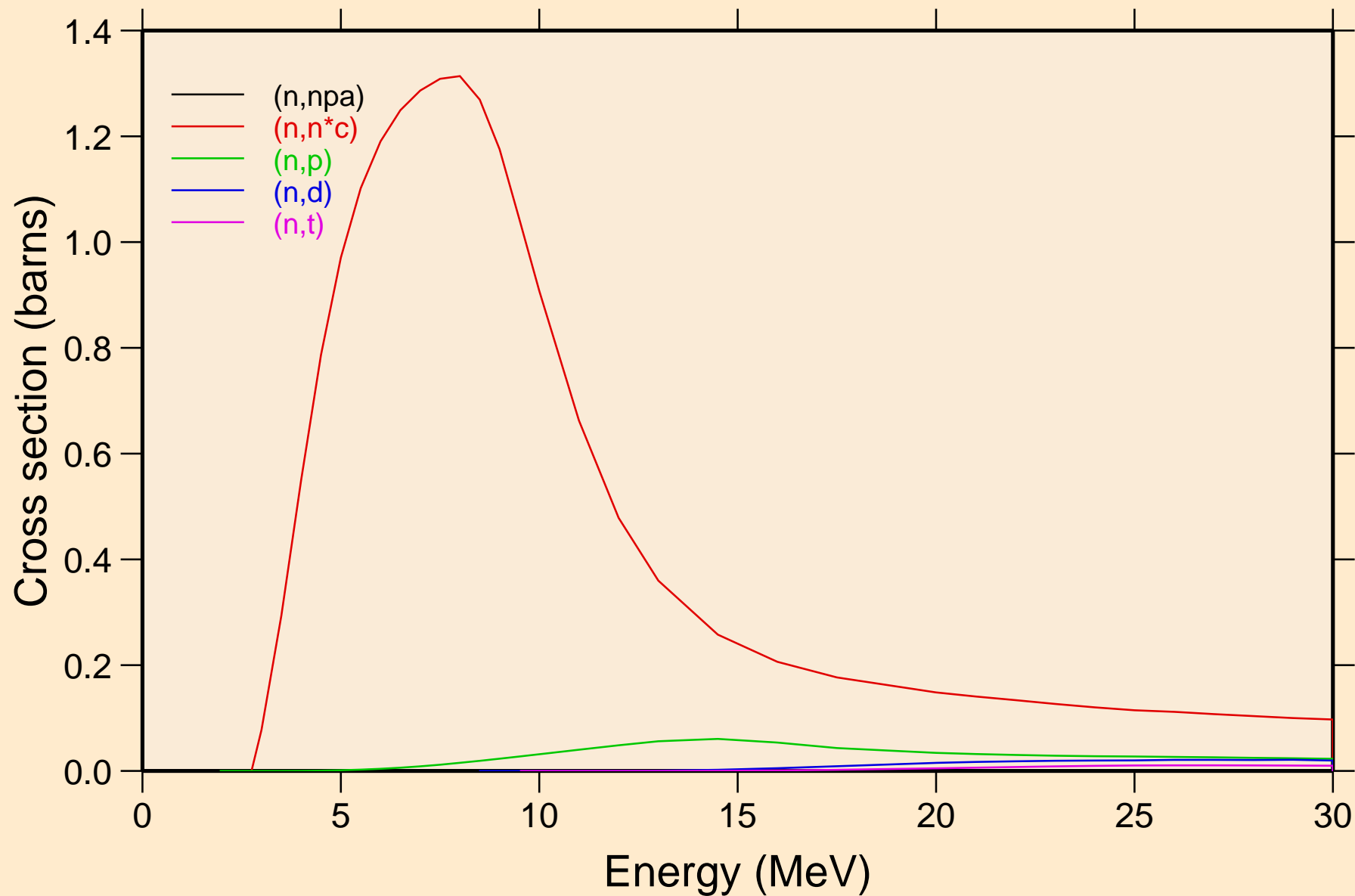




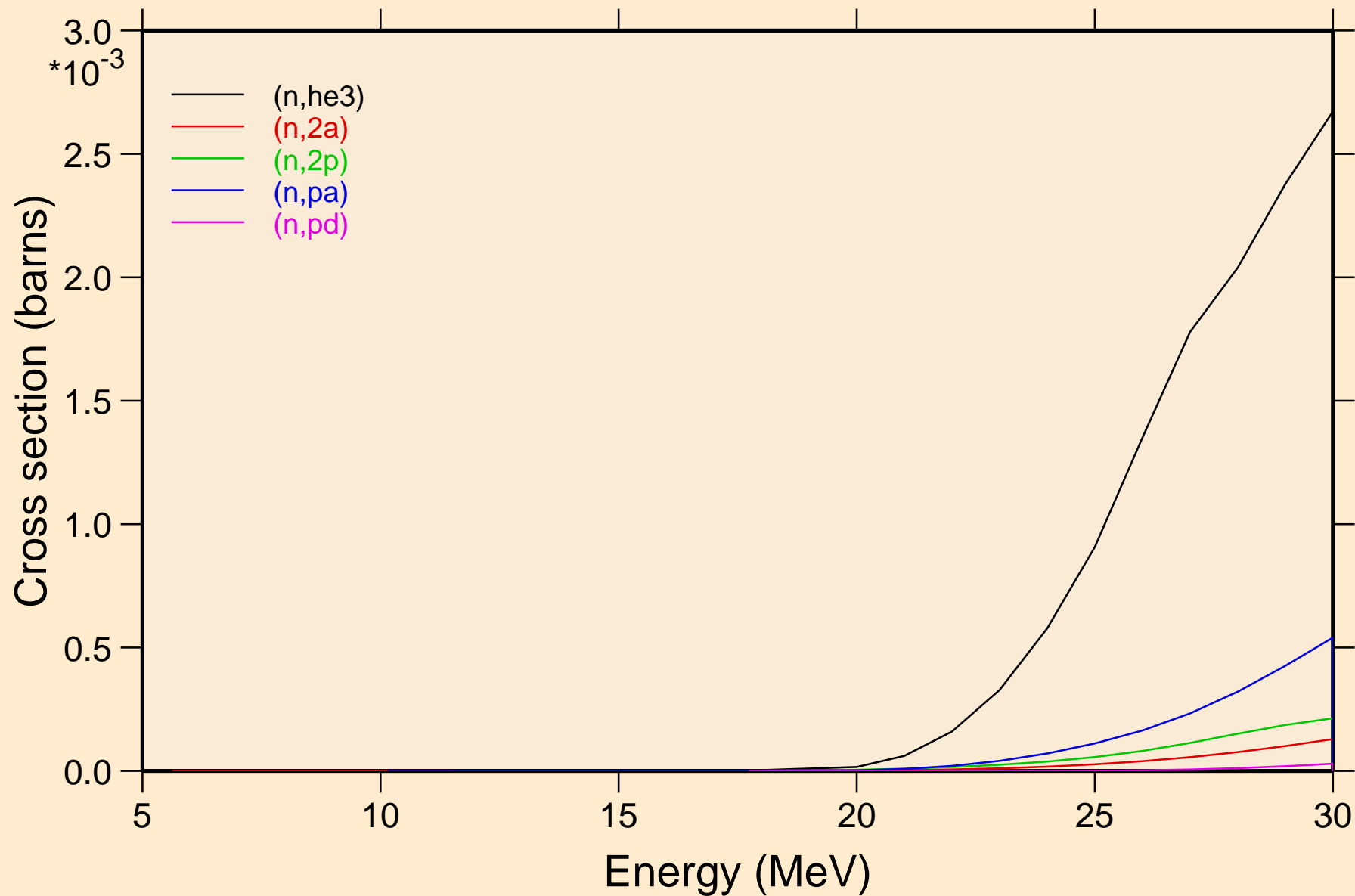
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



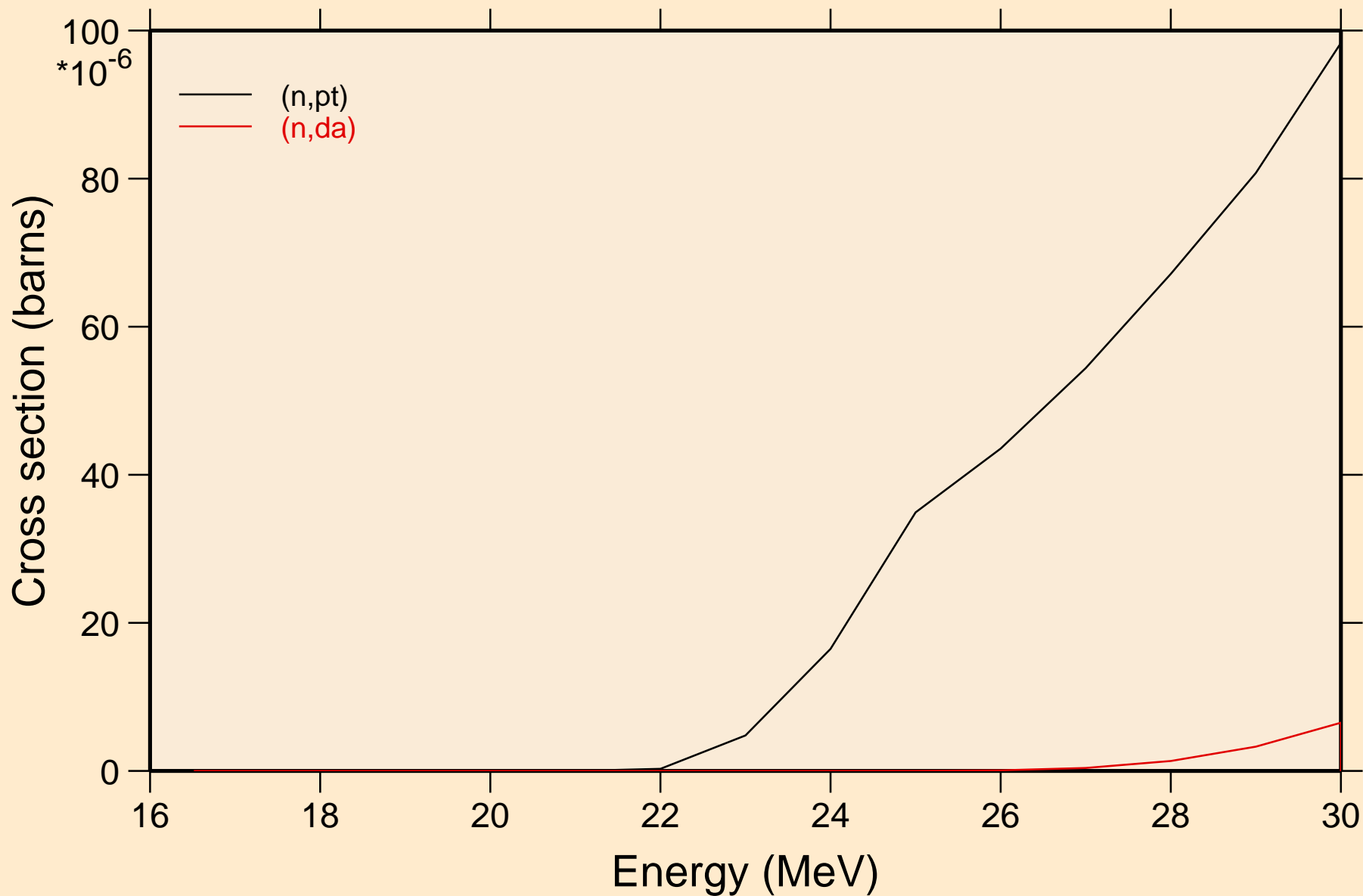
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



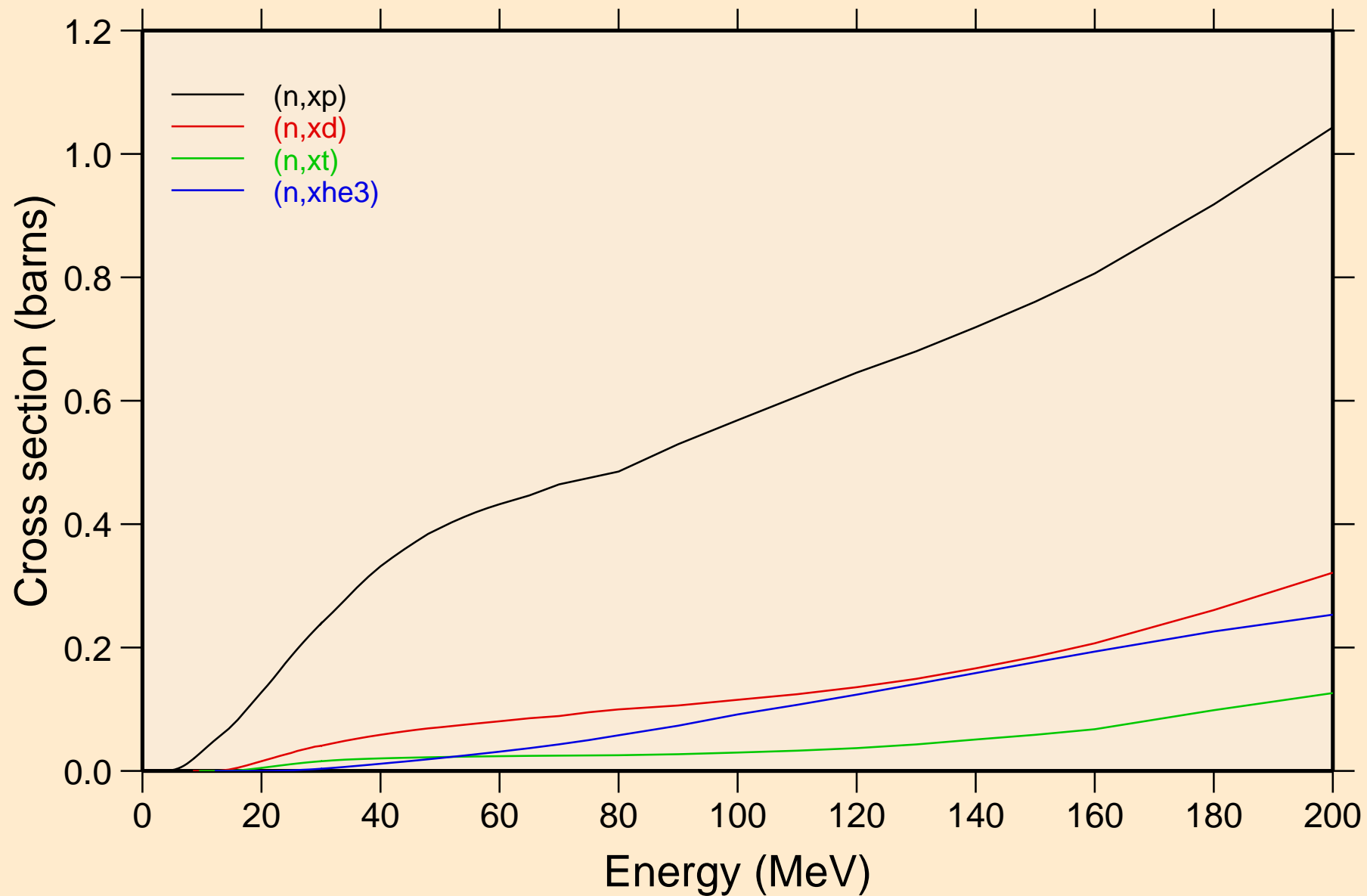
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



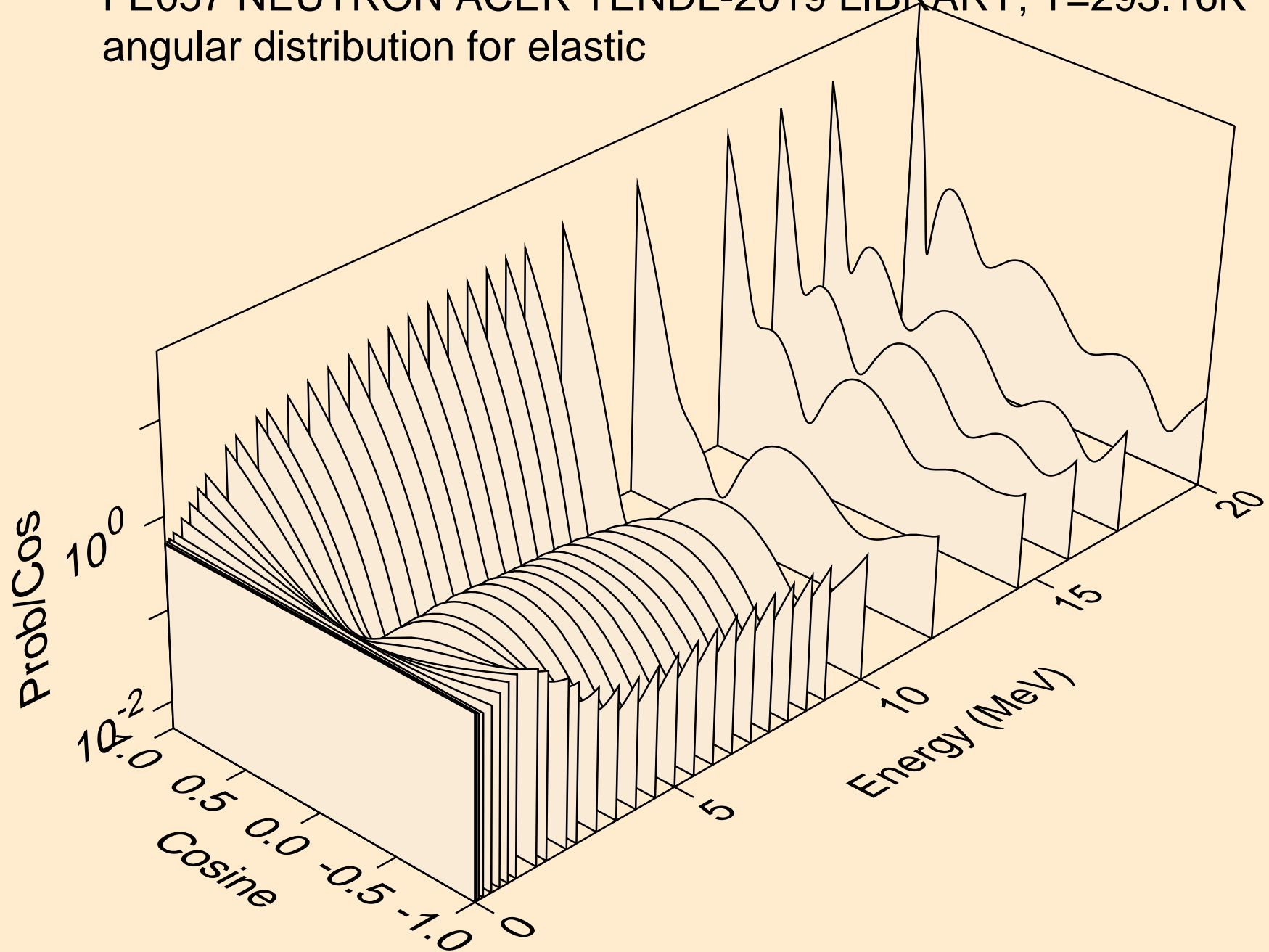
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



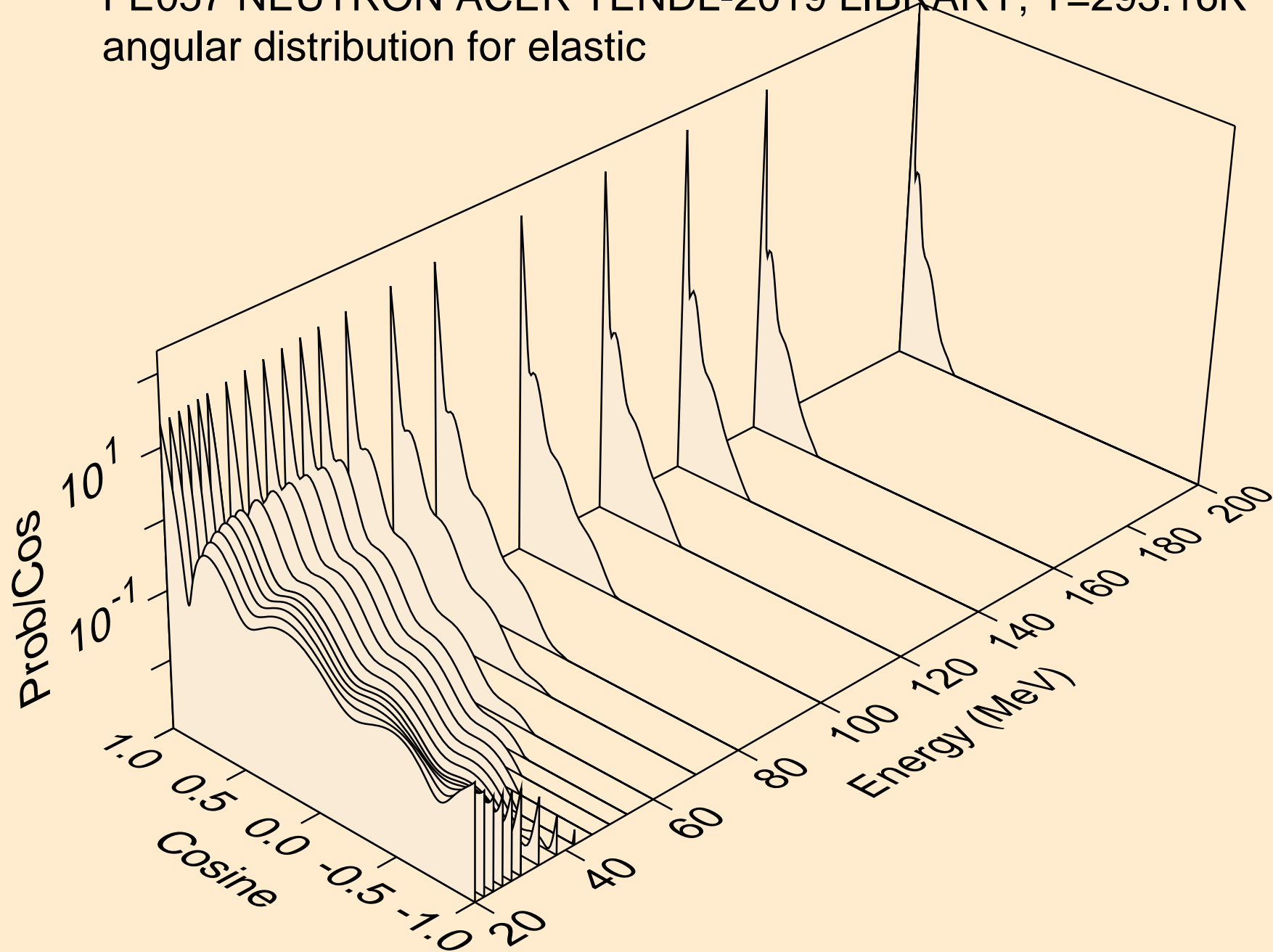
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



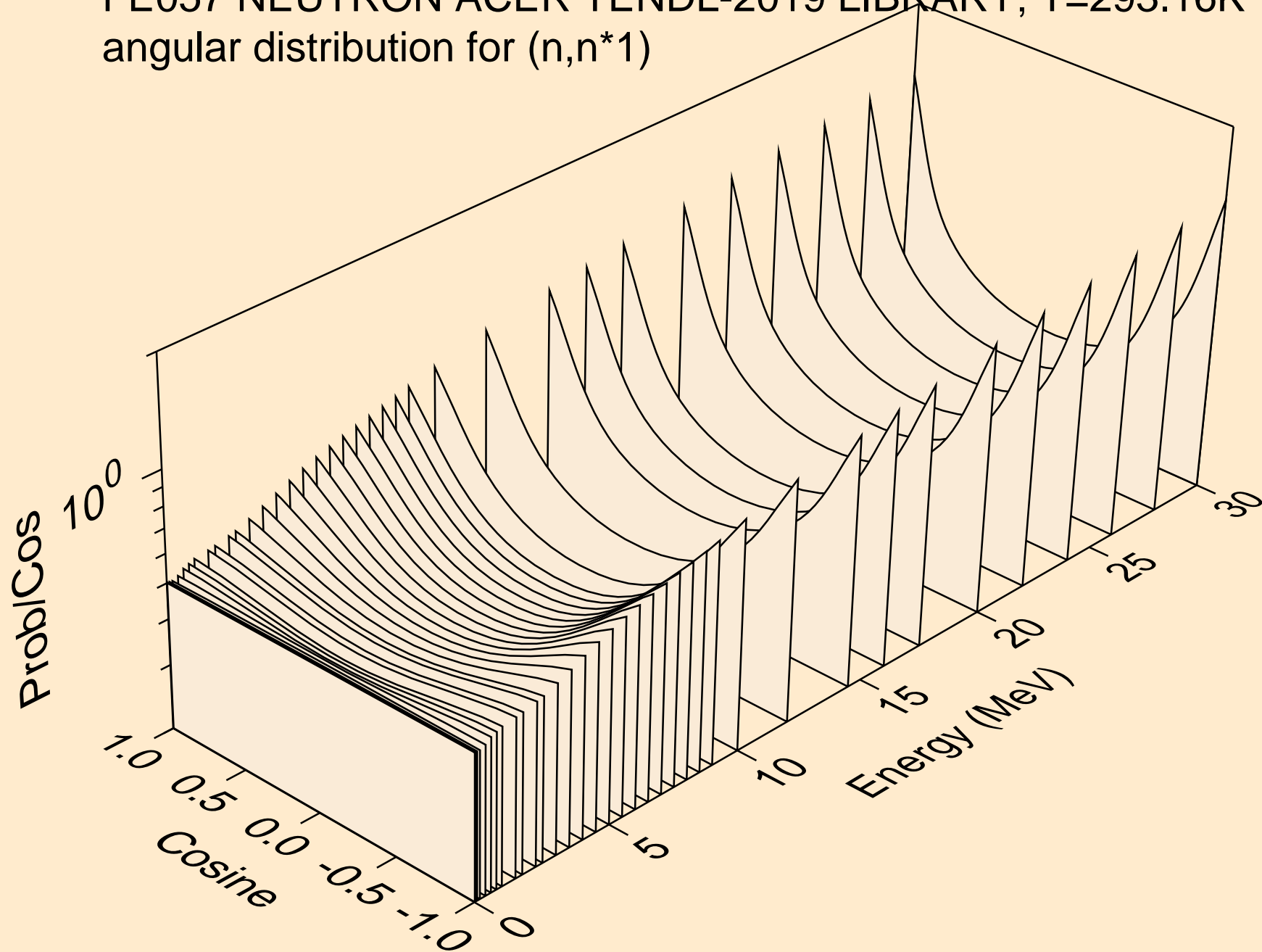
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

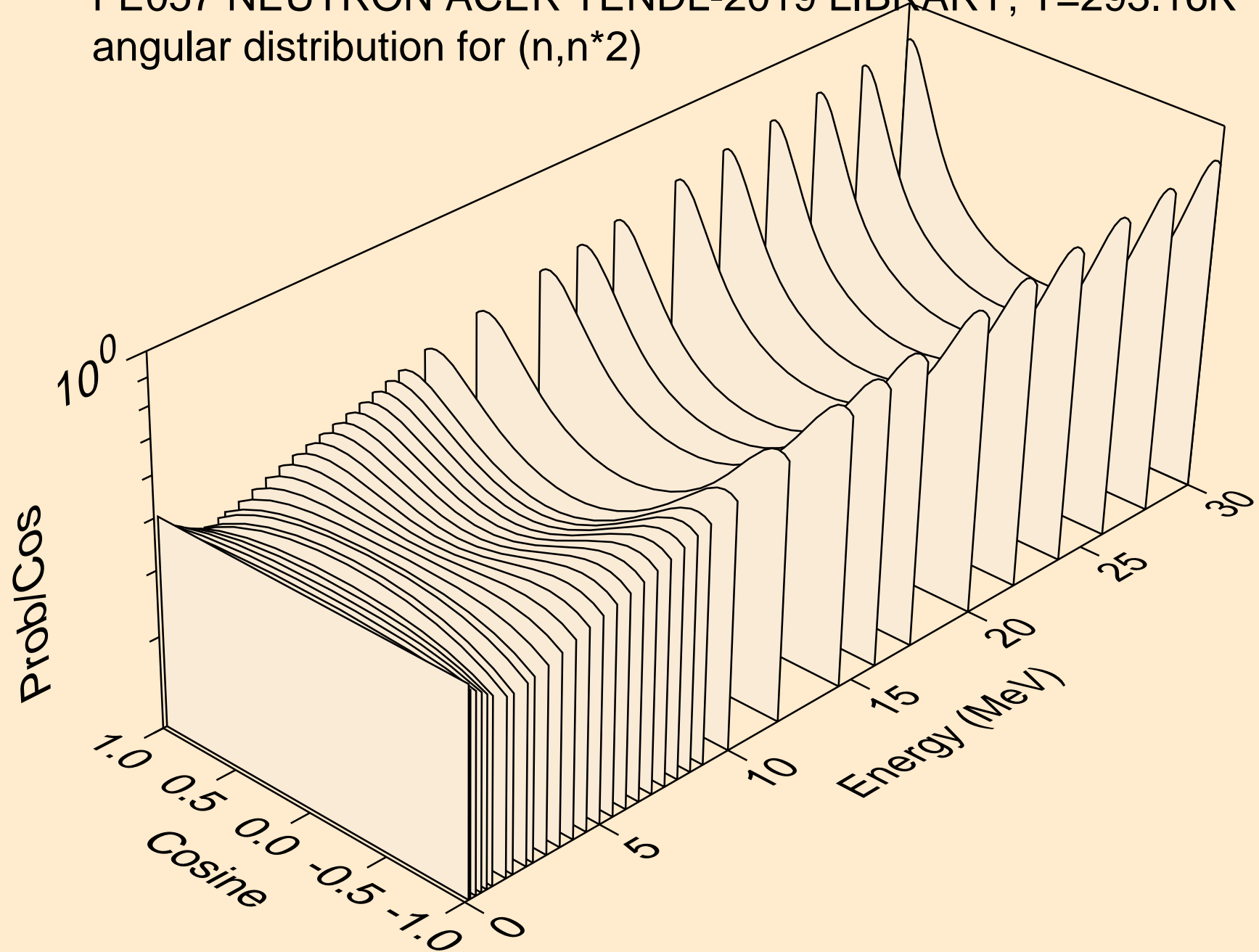


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

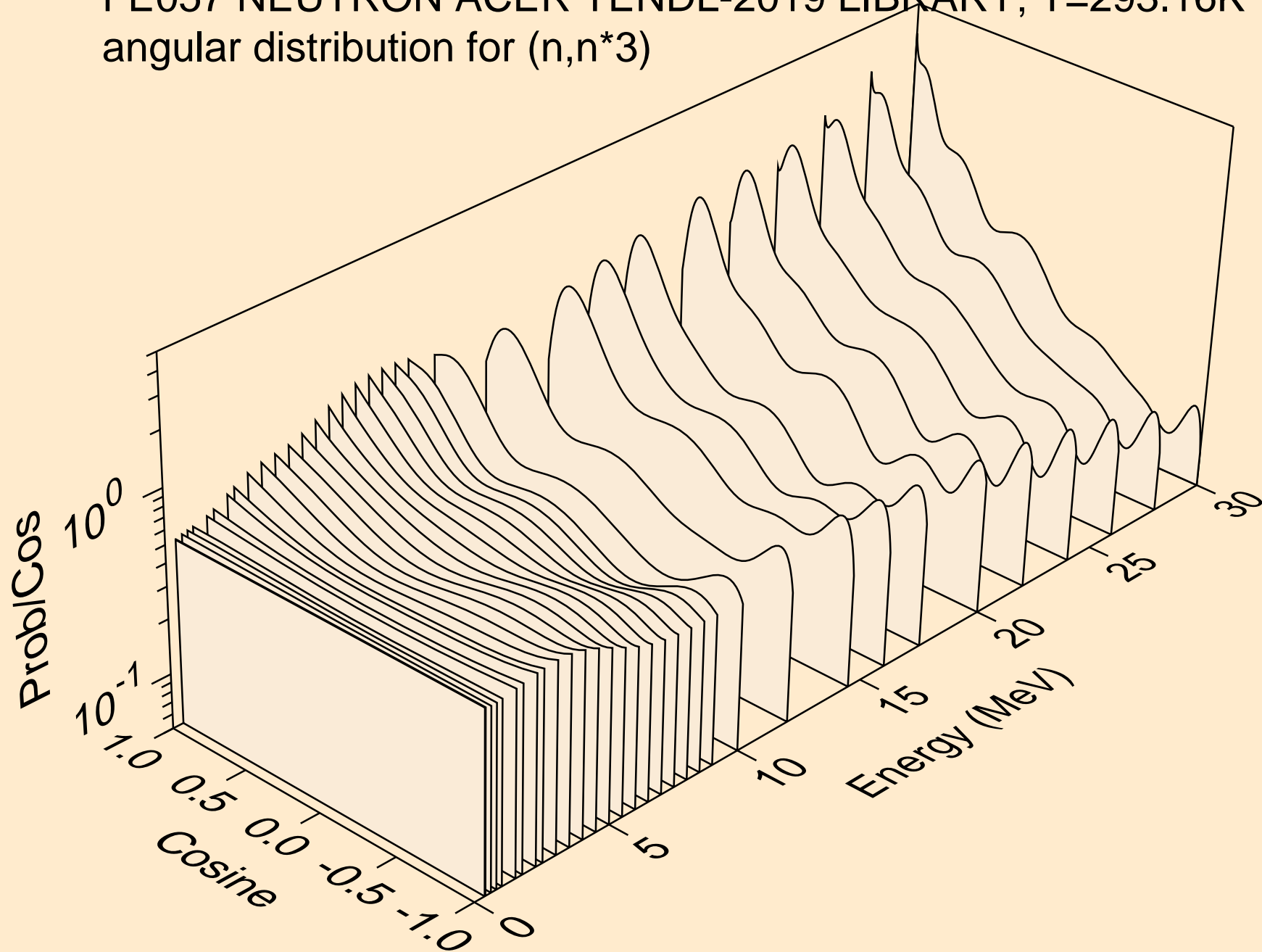




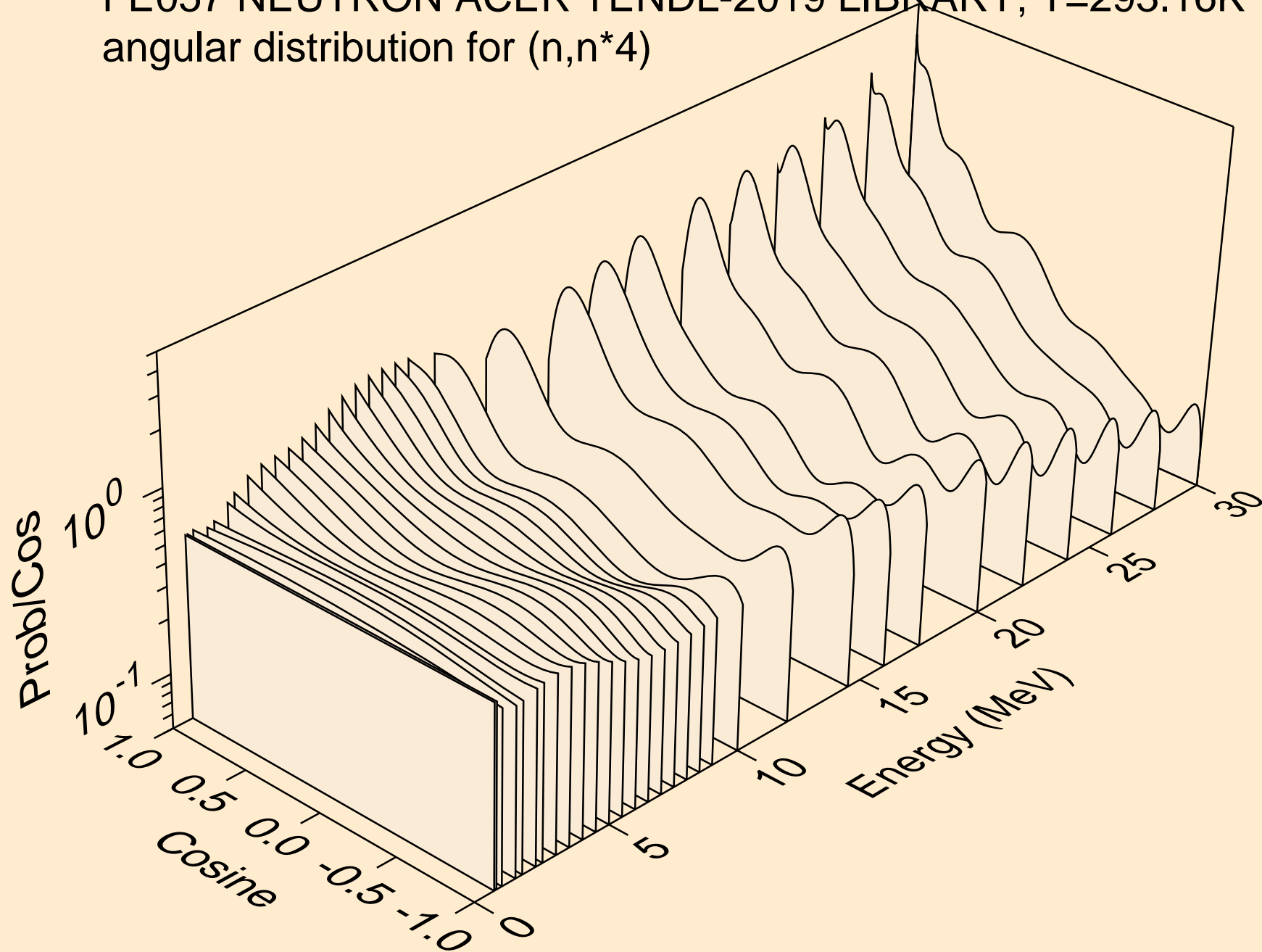
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



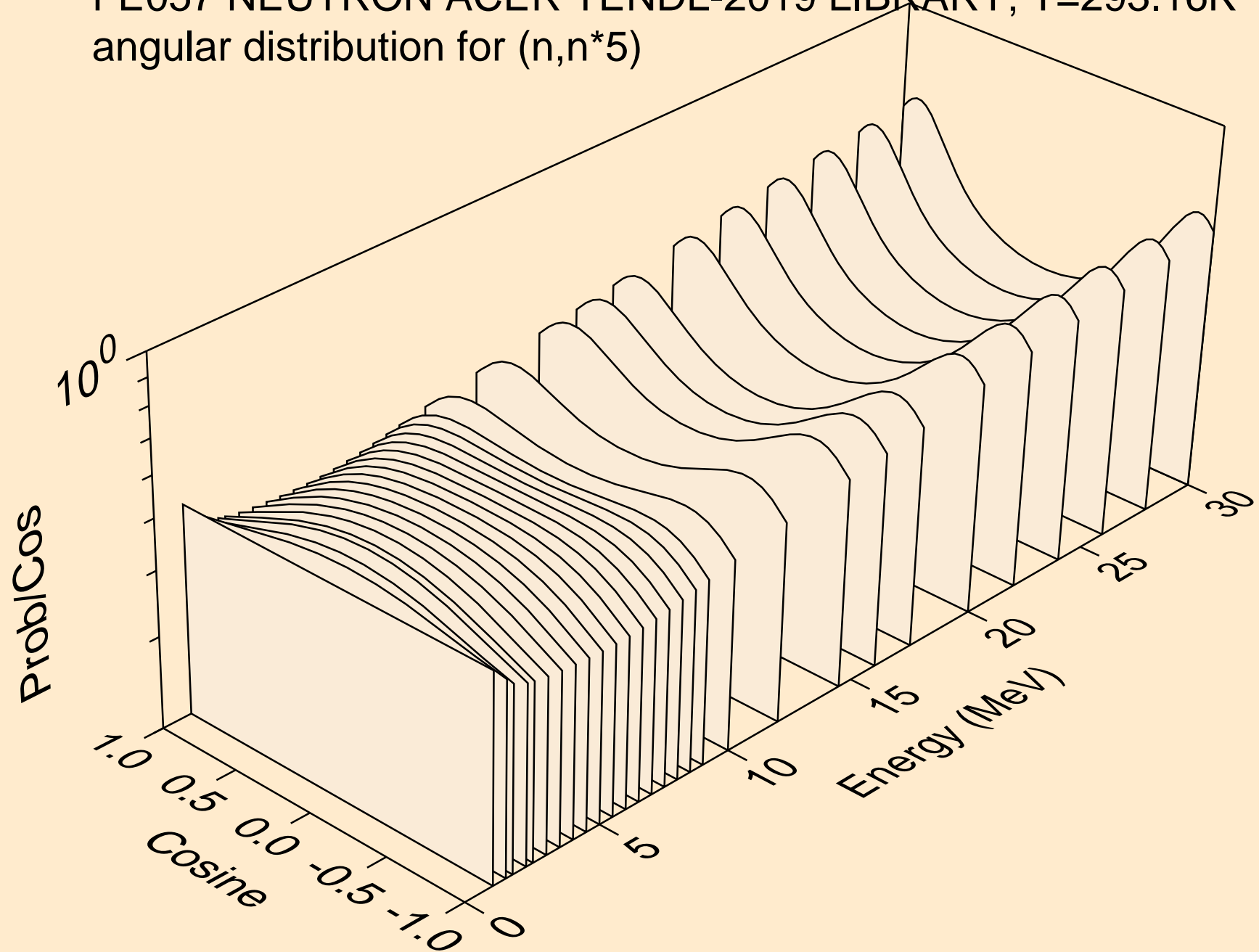
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



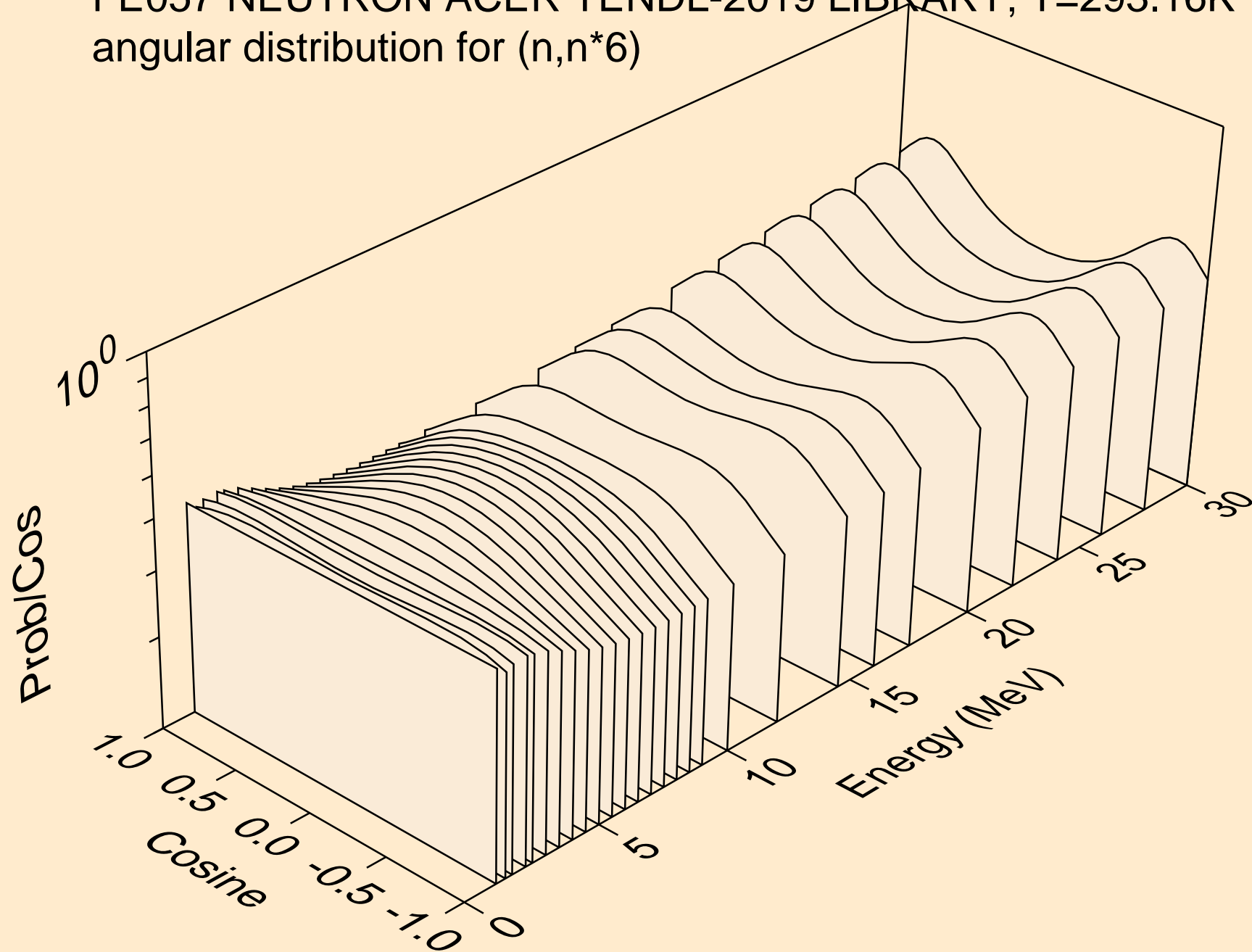
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



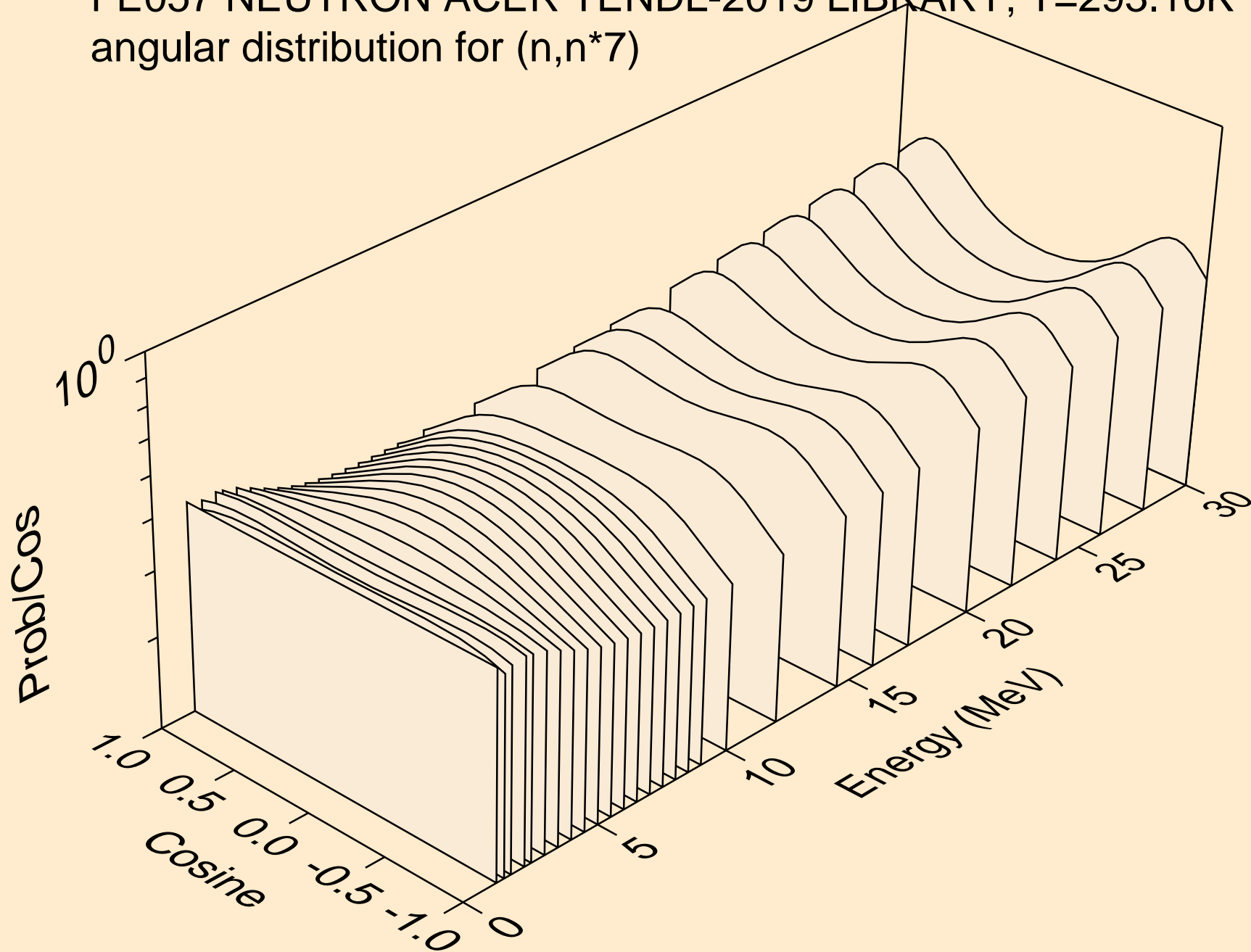
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



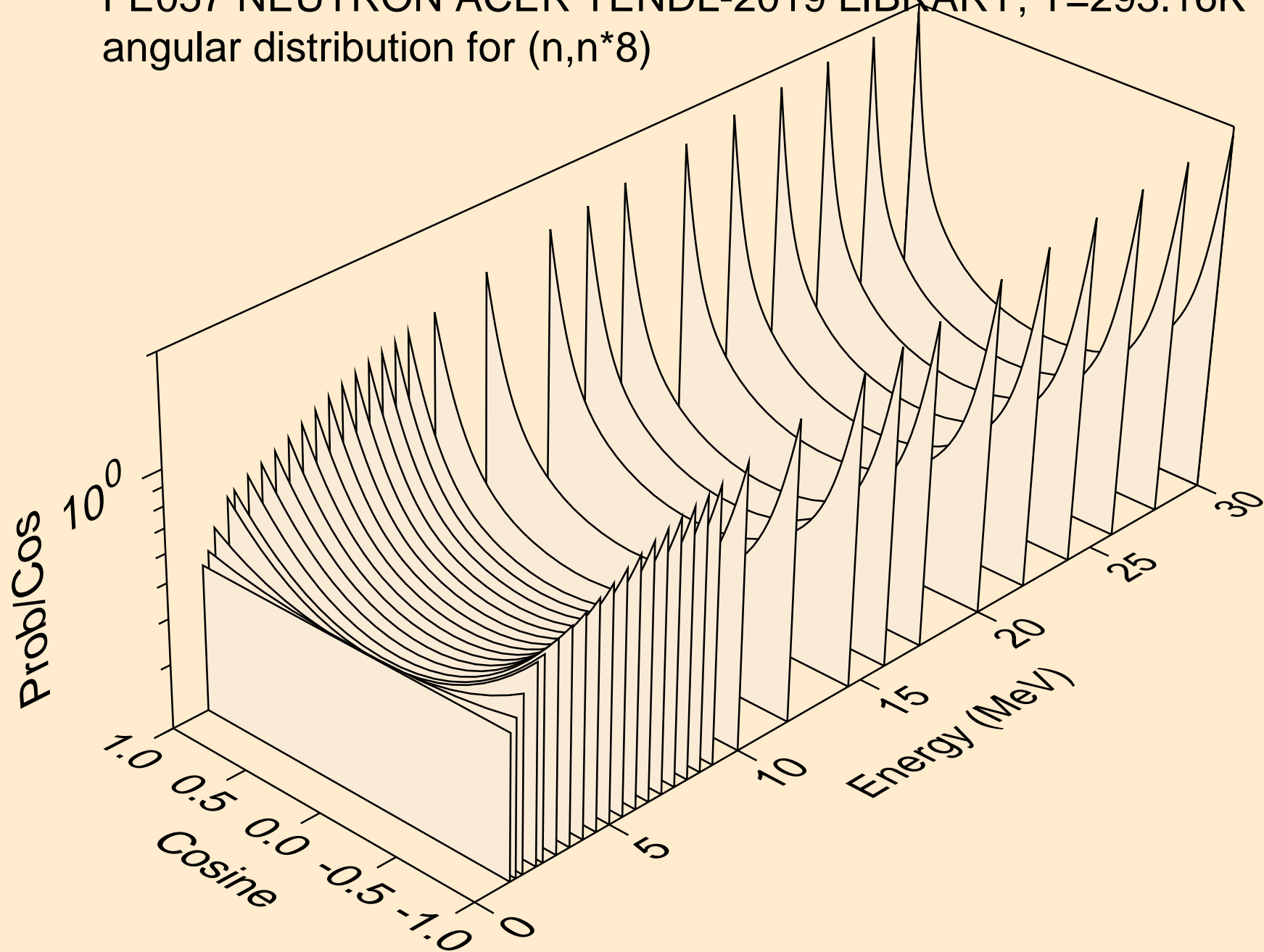
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



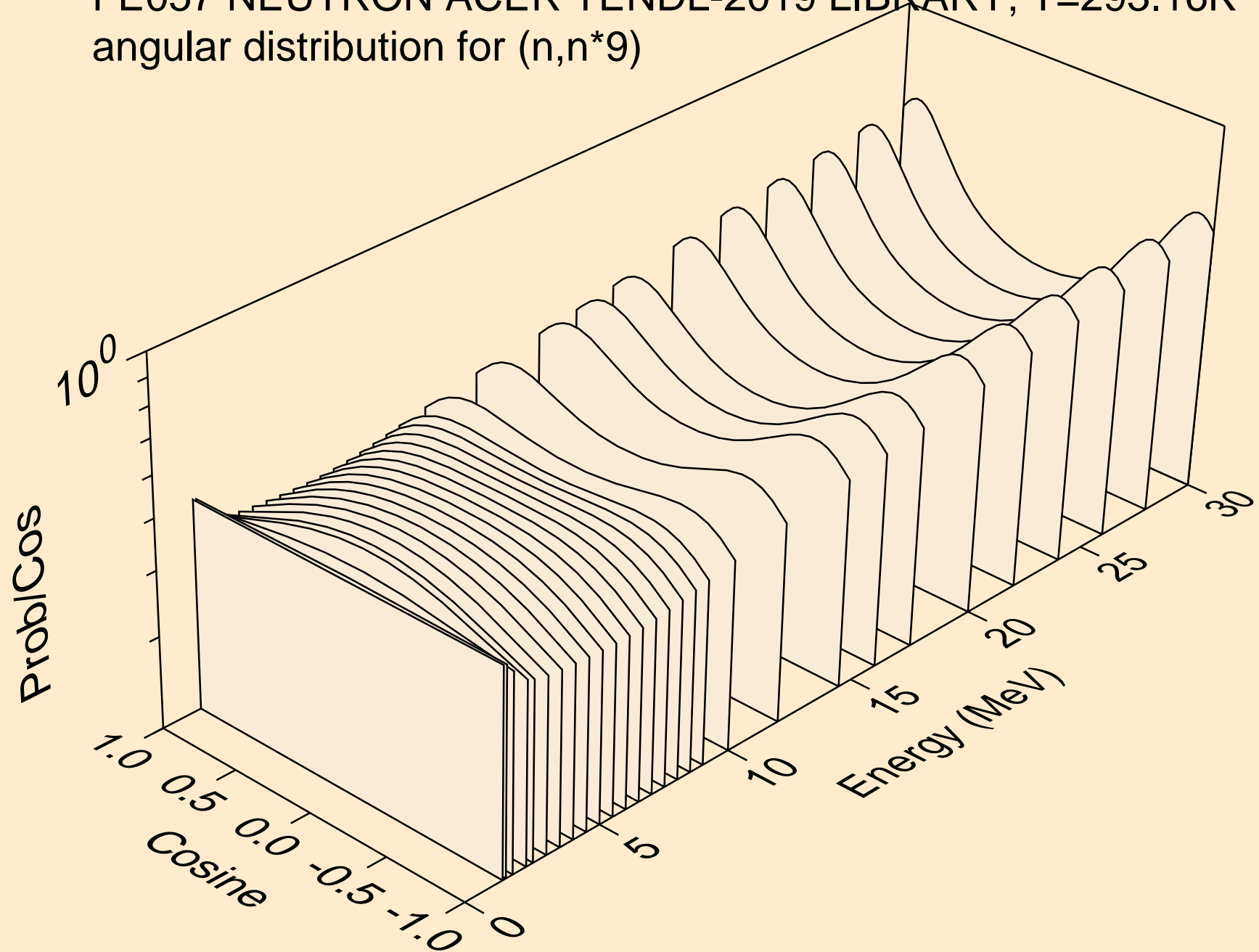
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

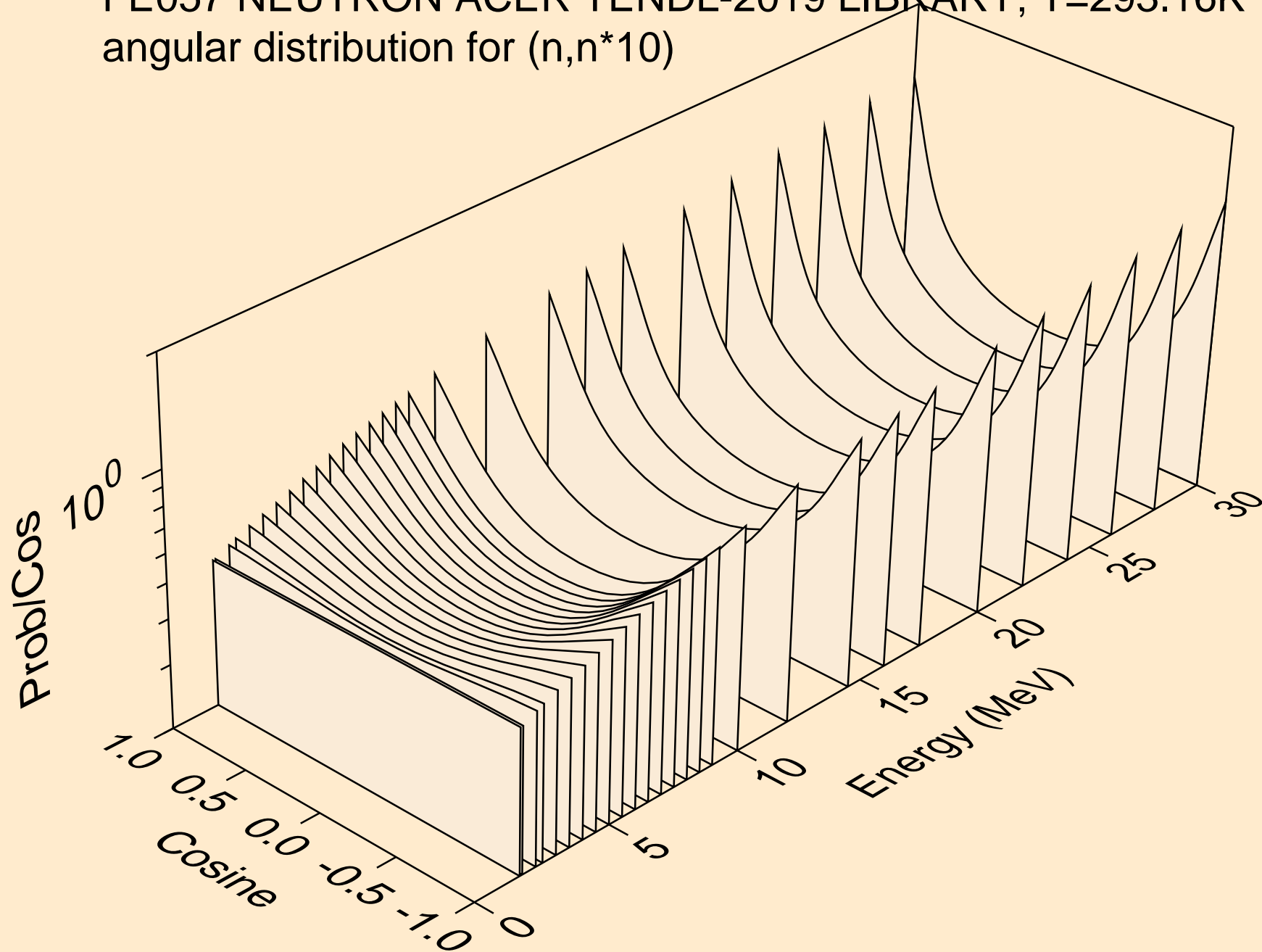


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

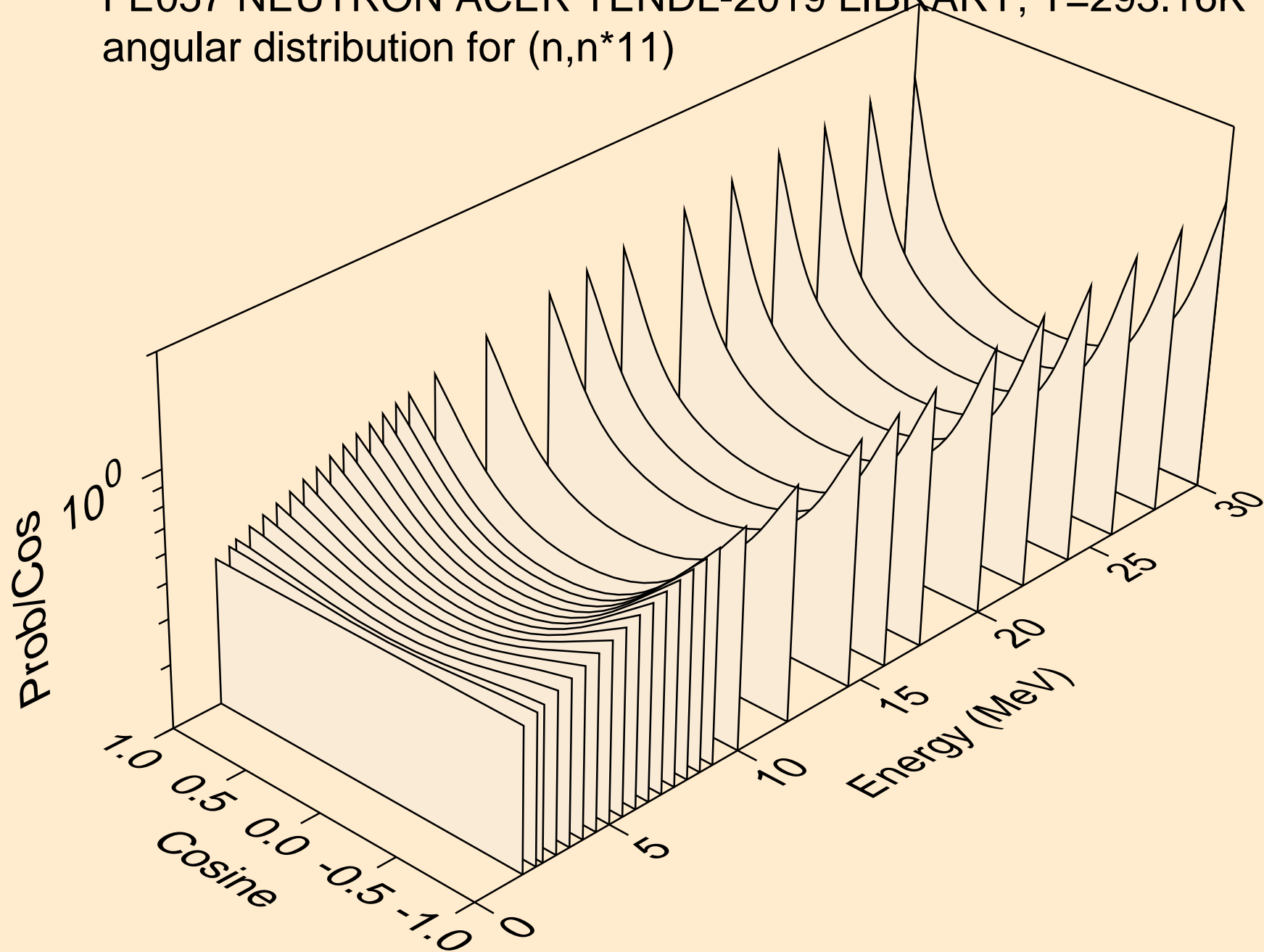




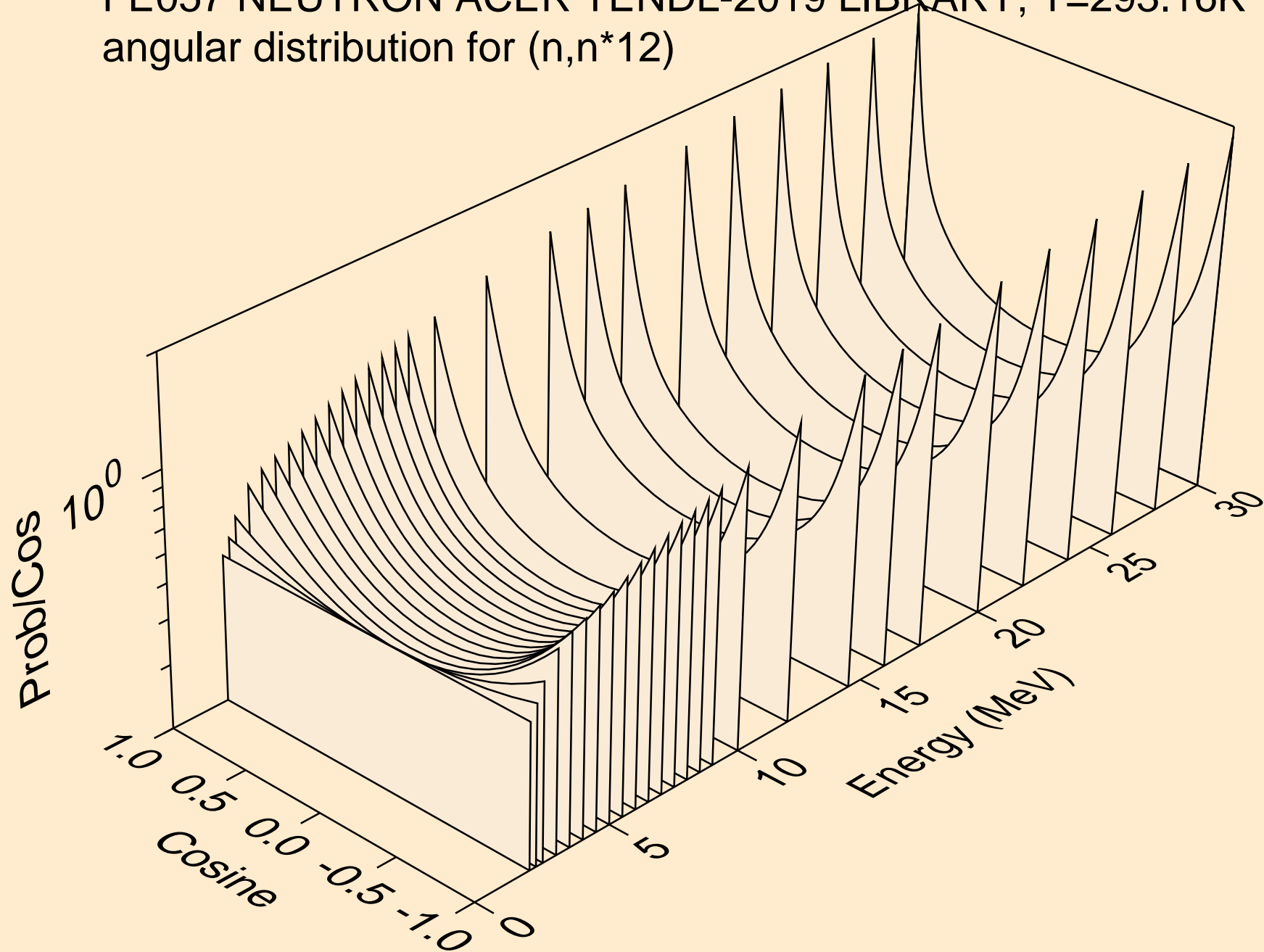
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



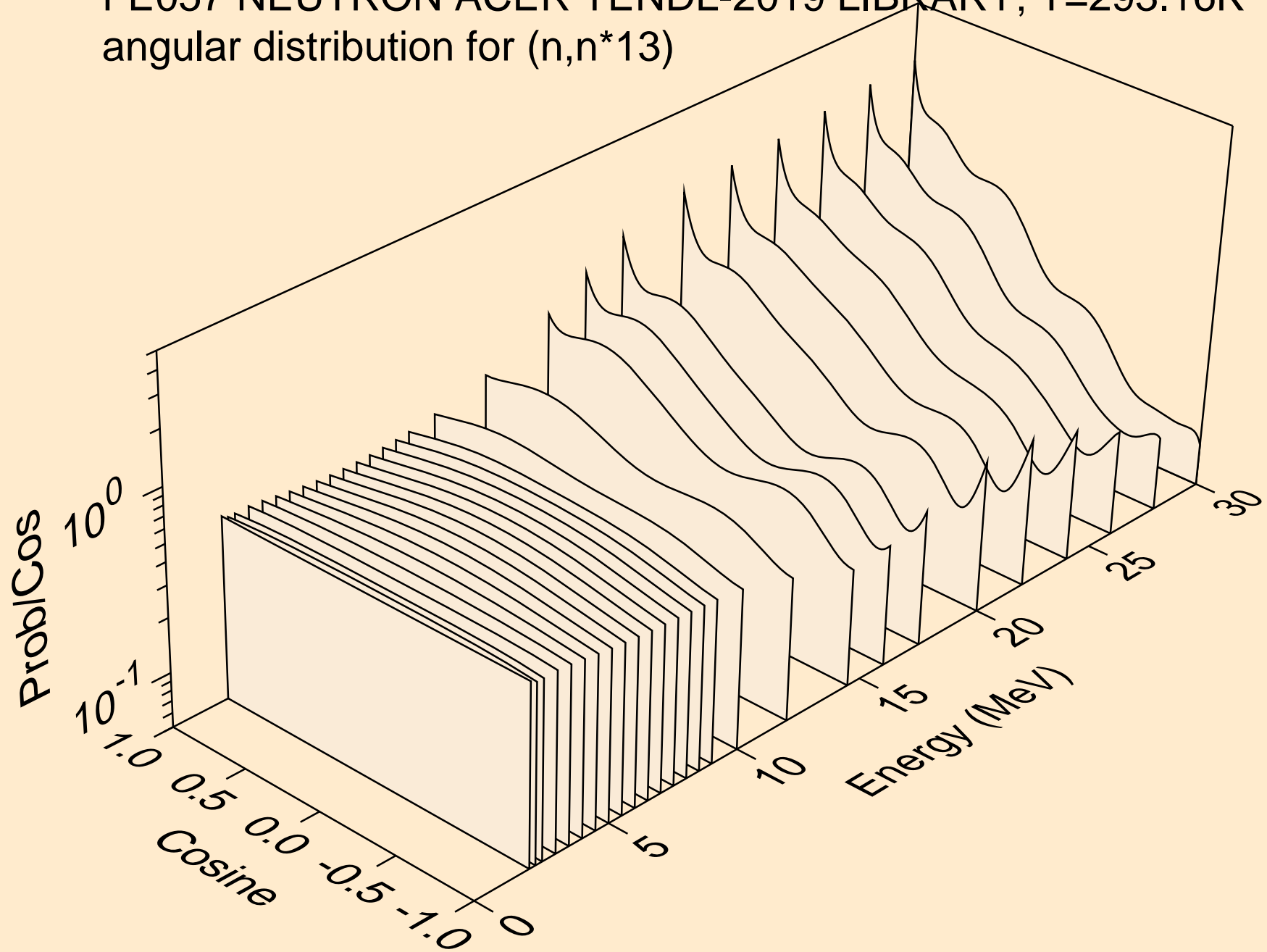
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



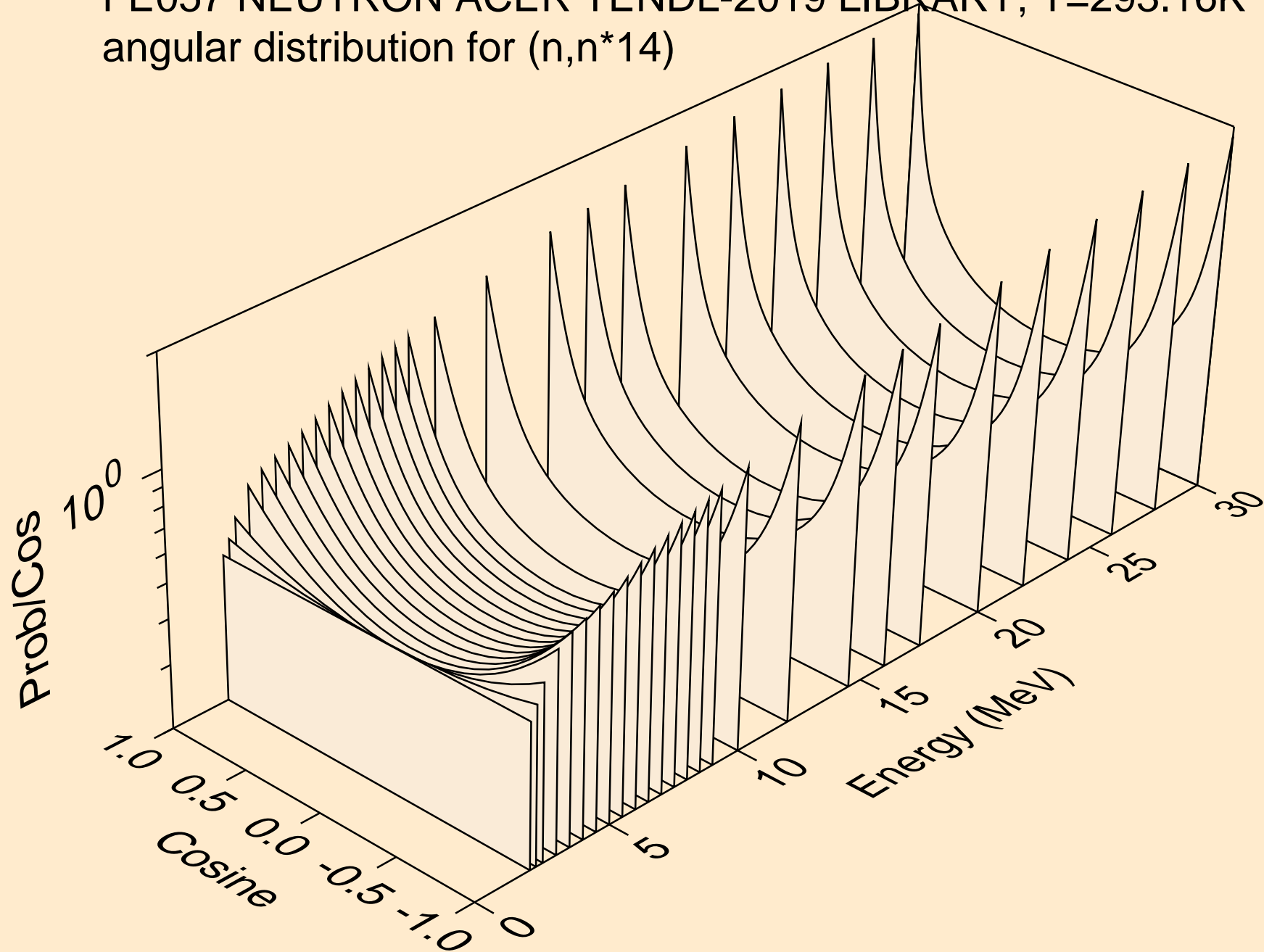
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



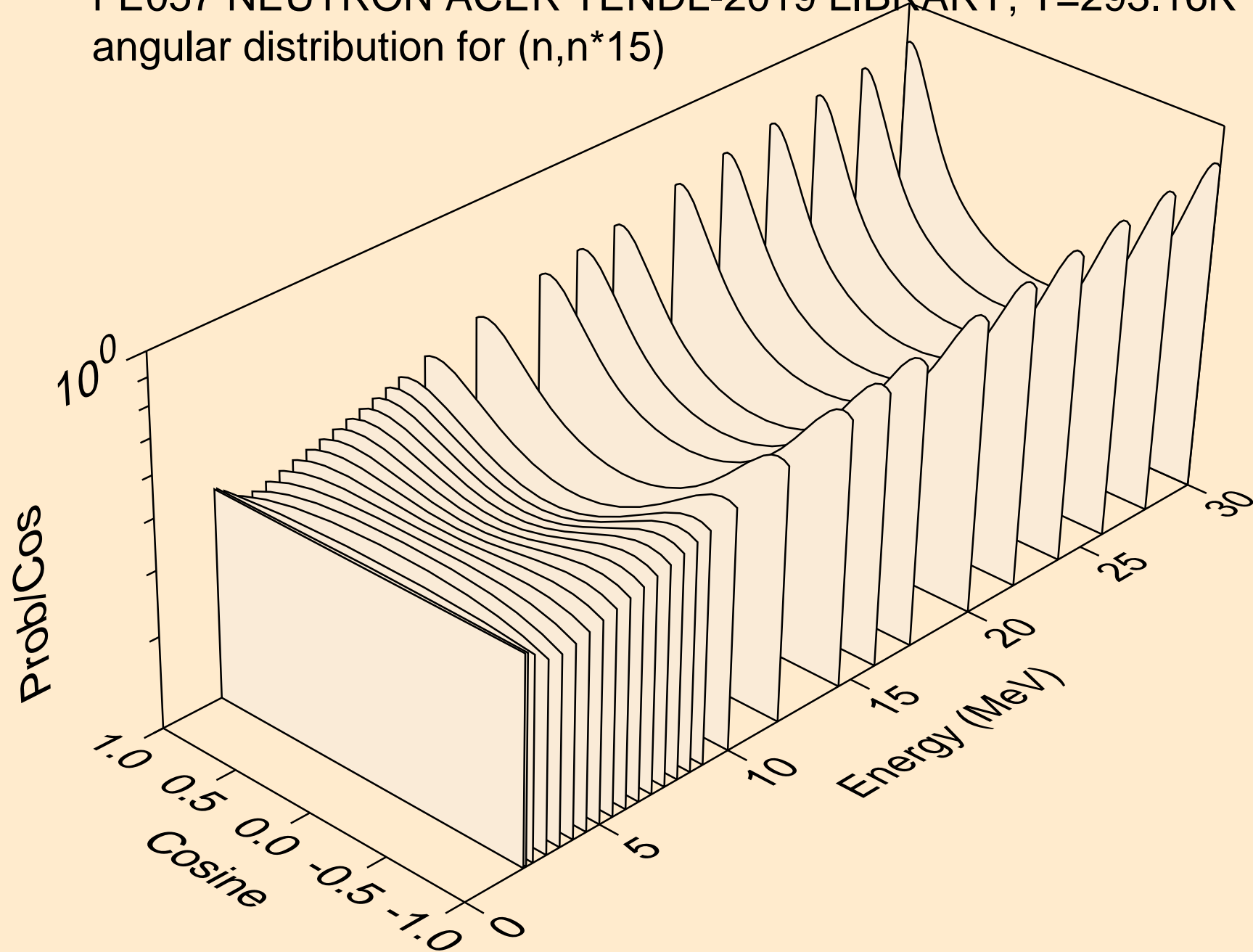
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



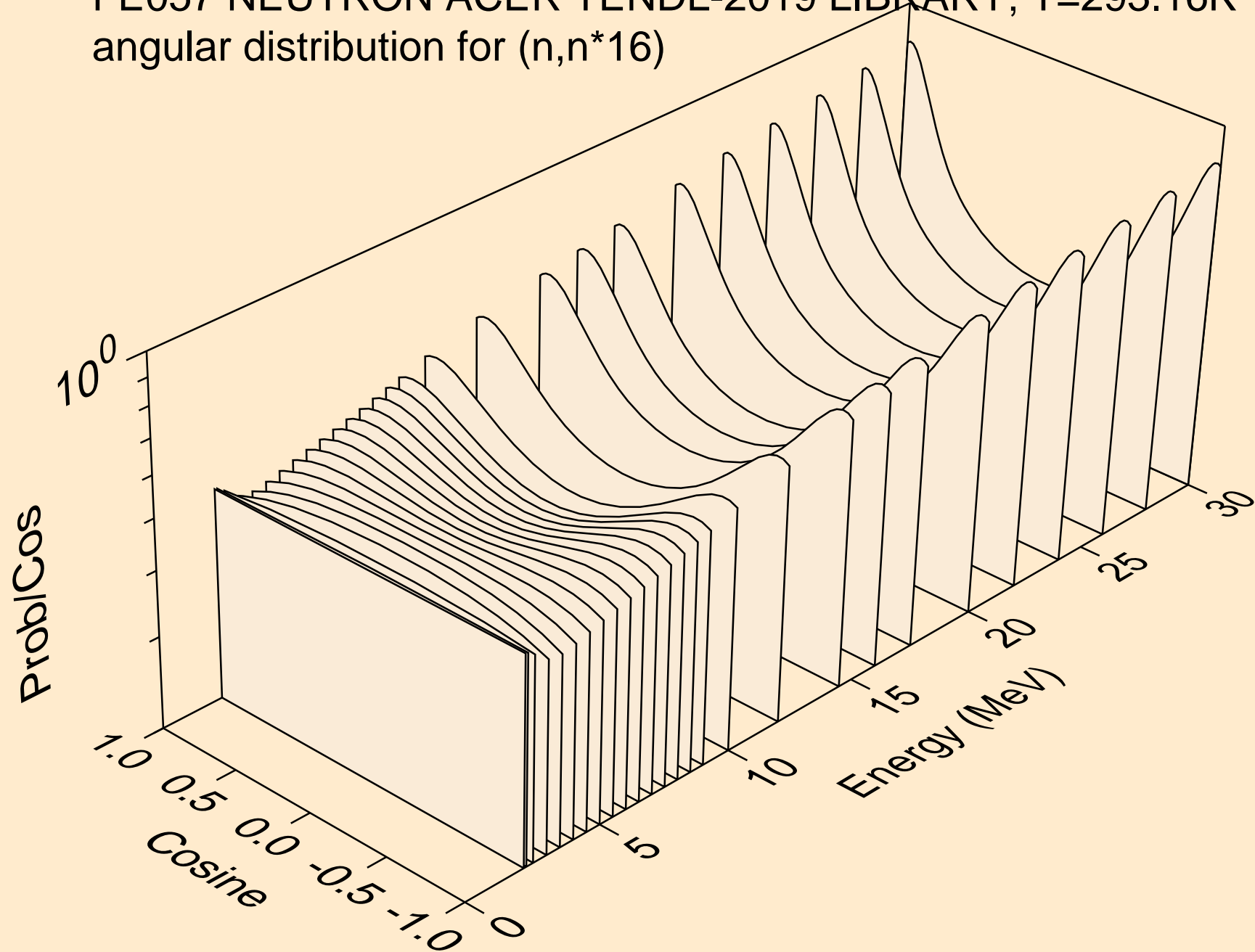
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



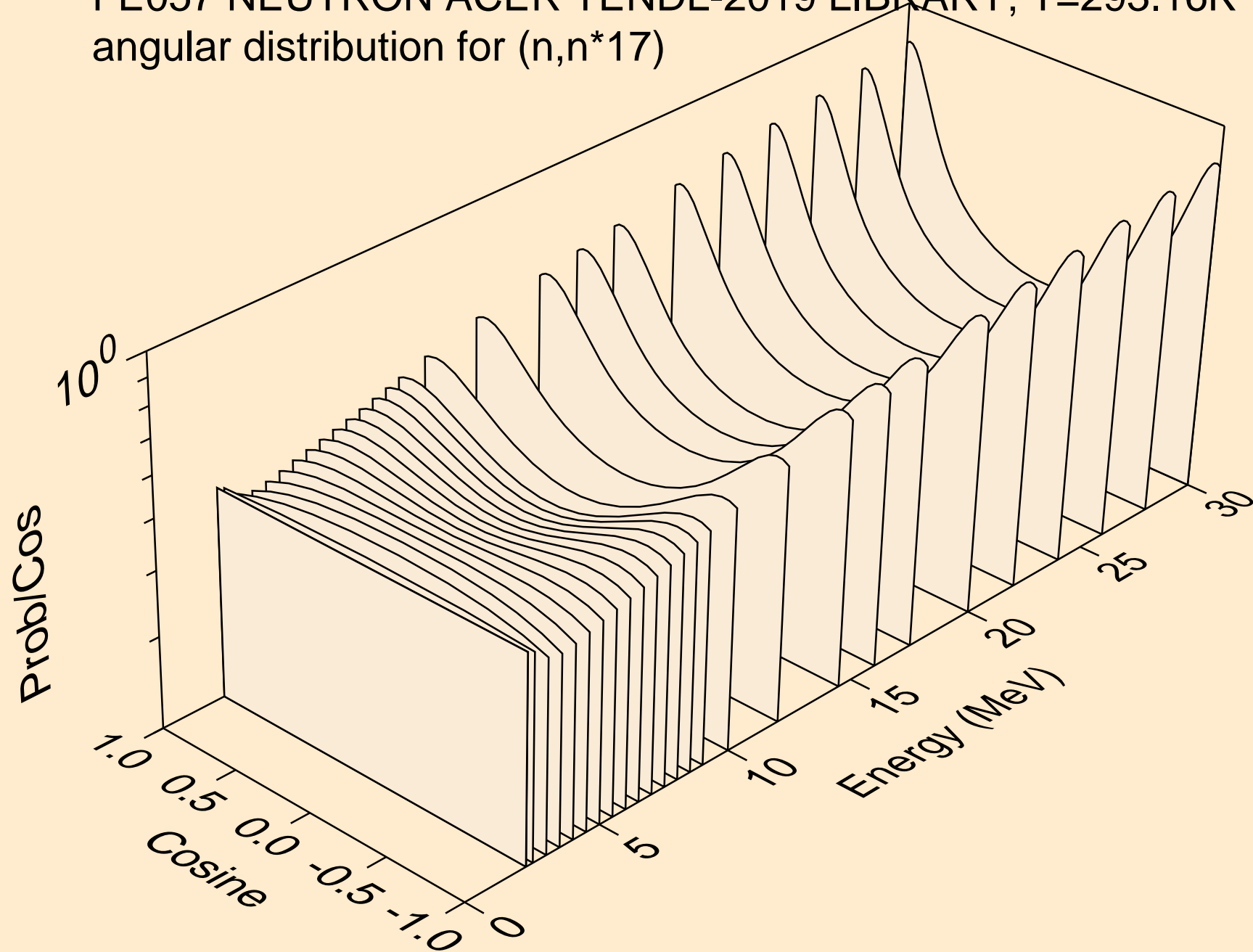
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)

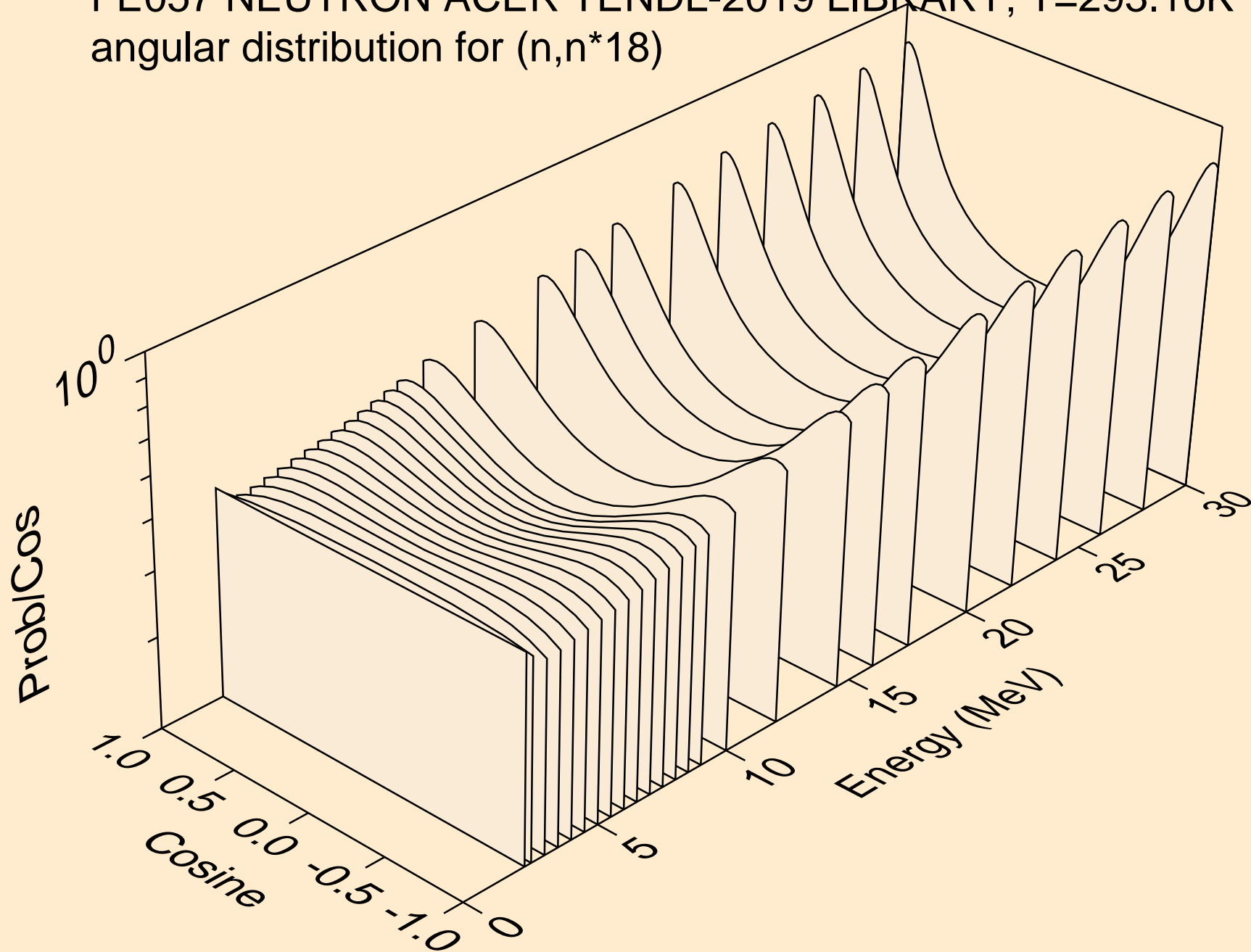


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

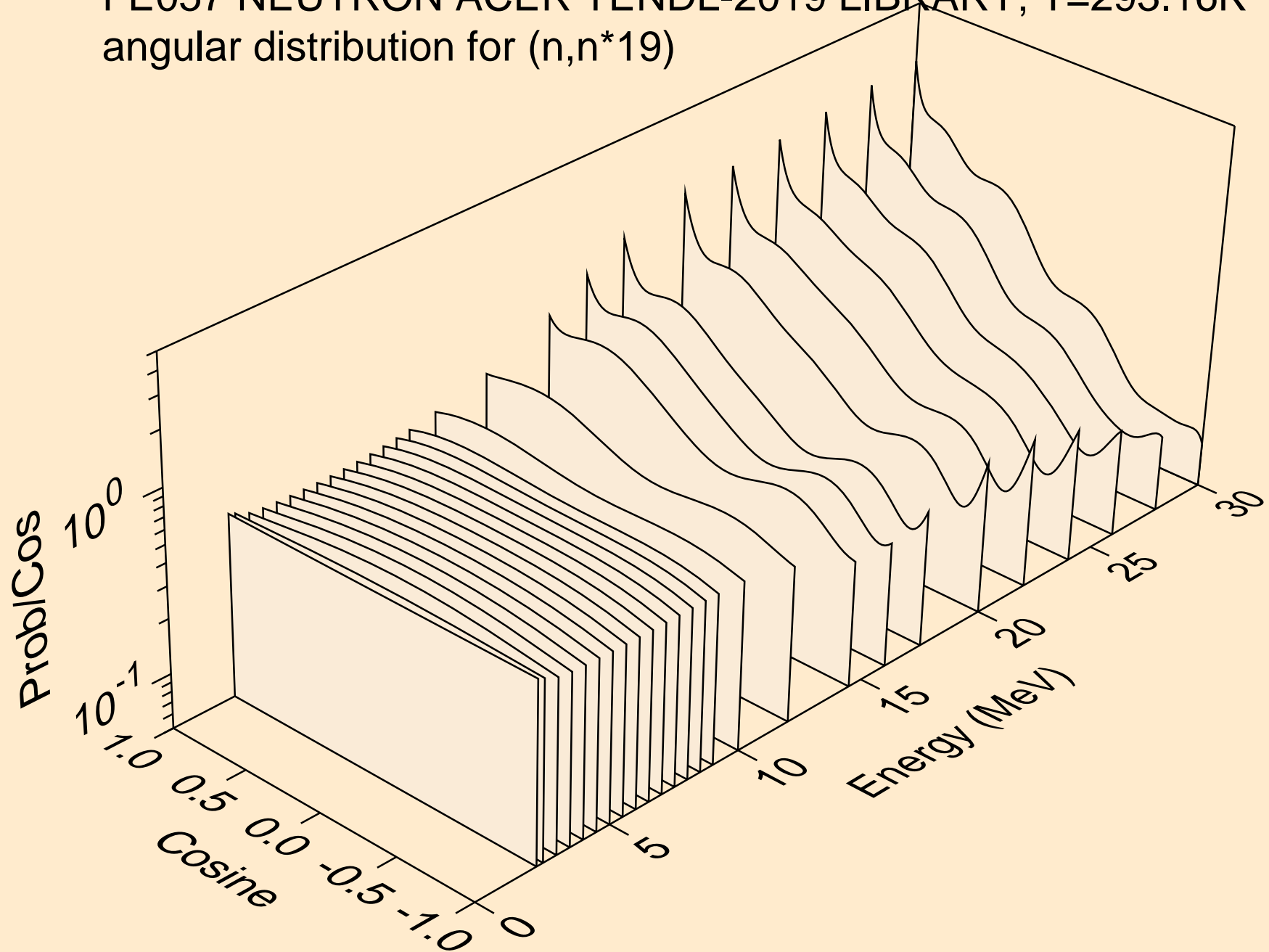




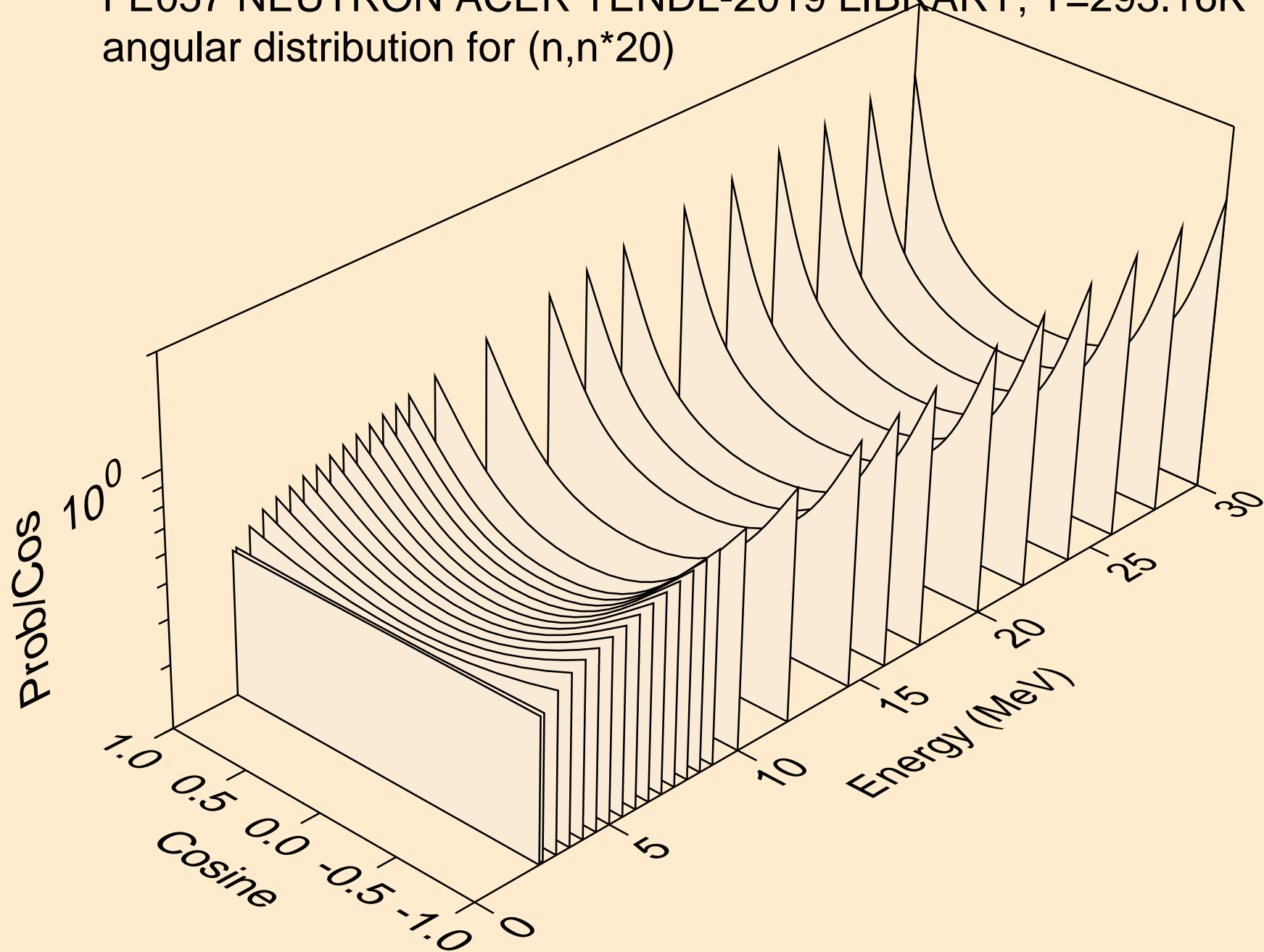
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



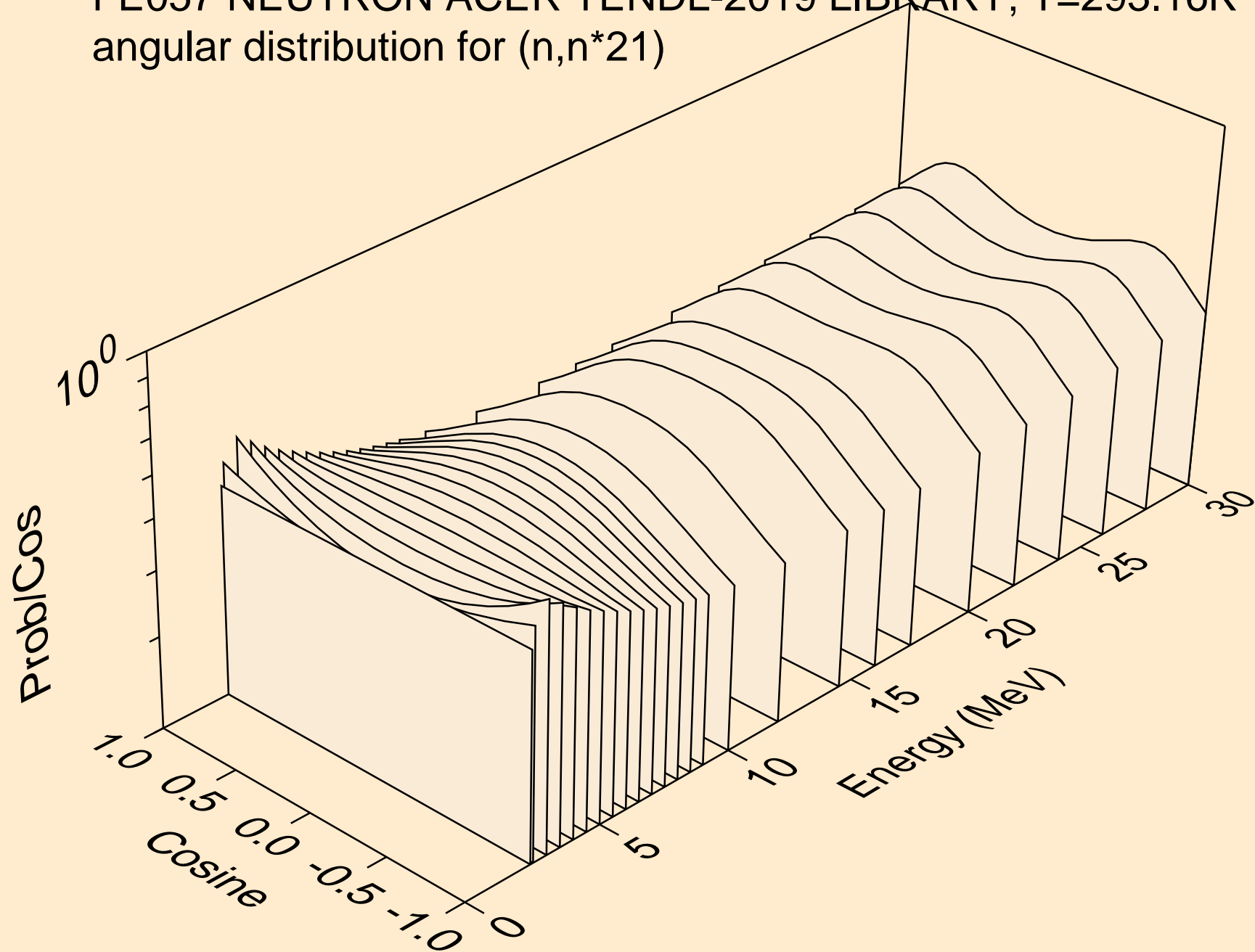
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



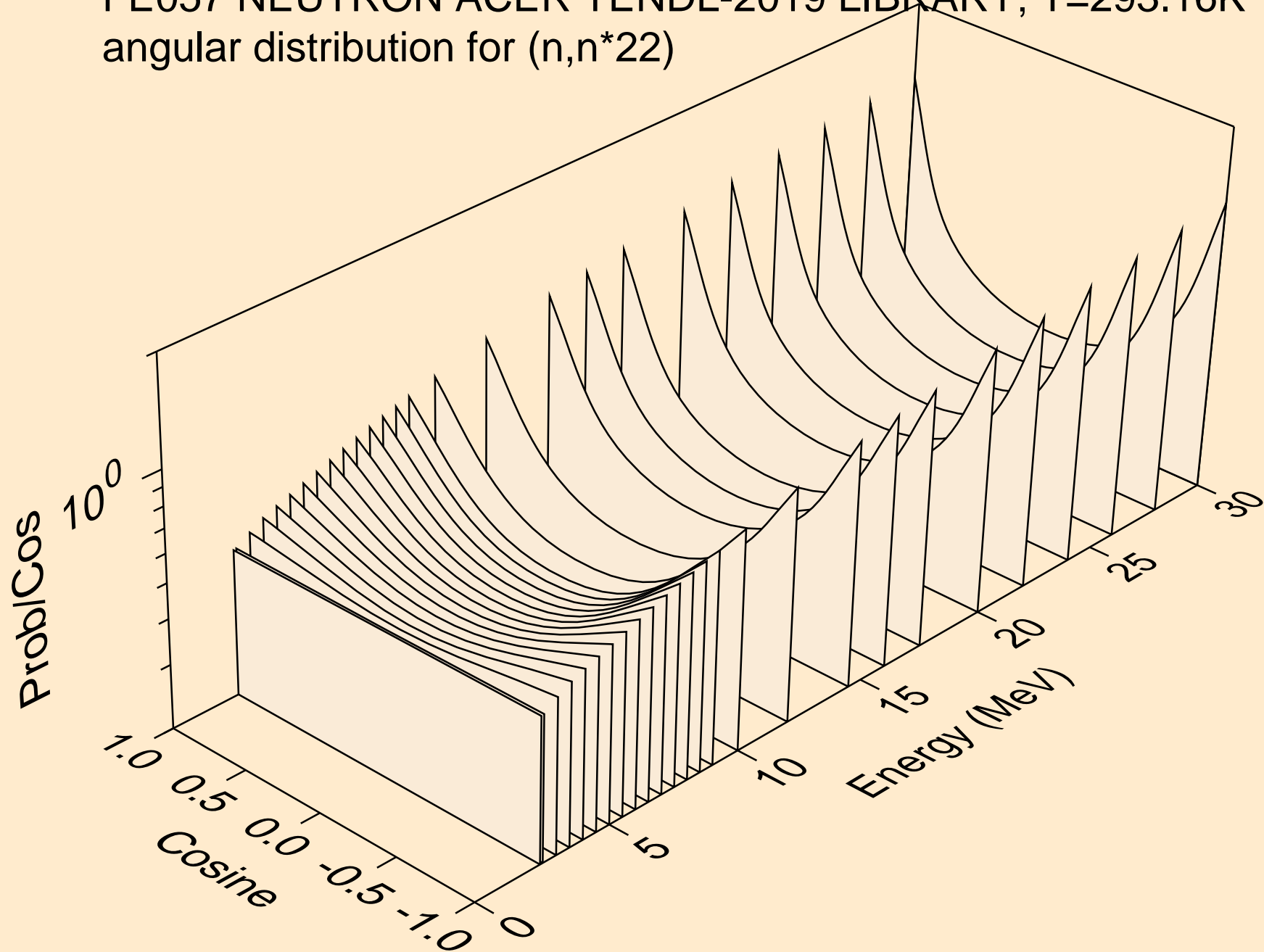
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



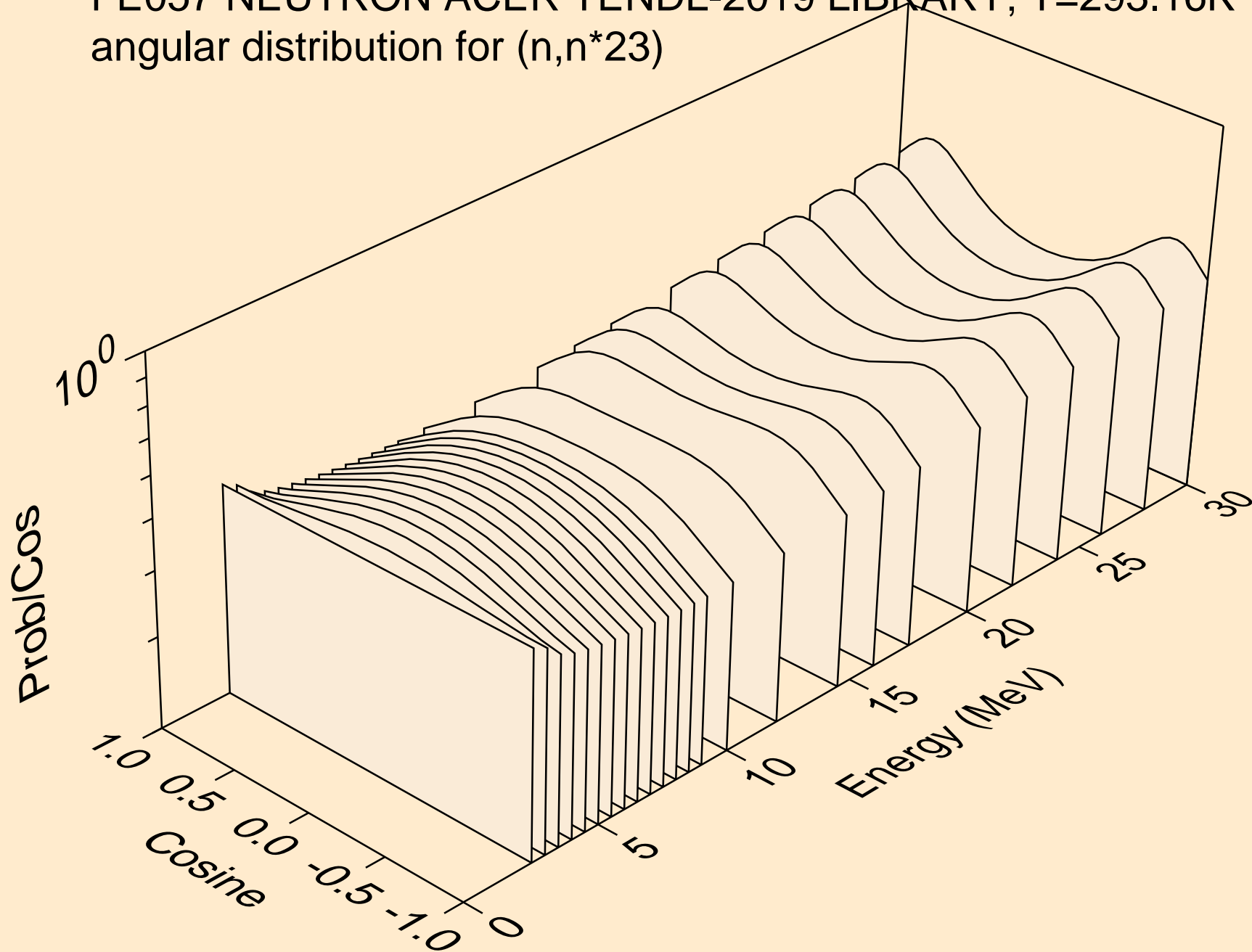
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



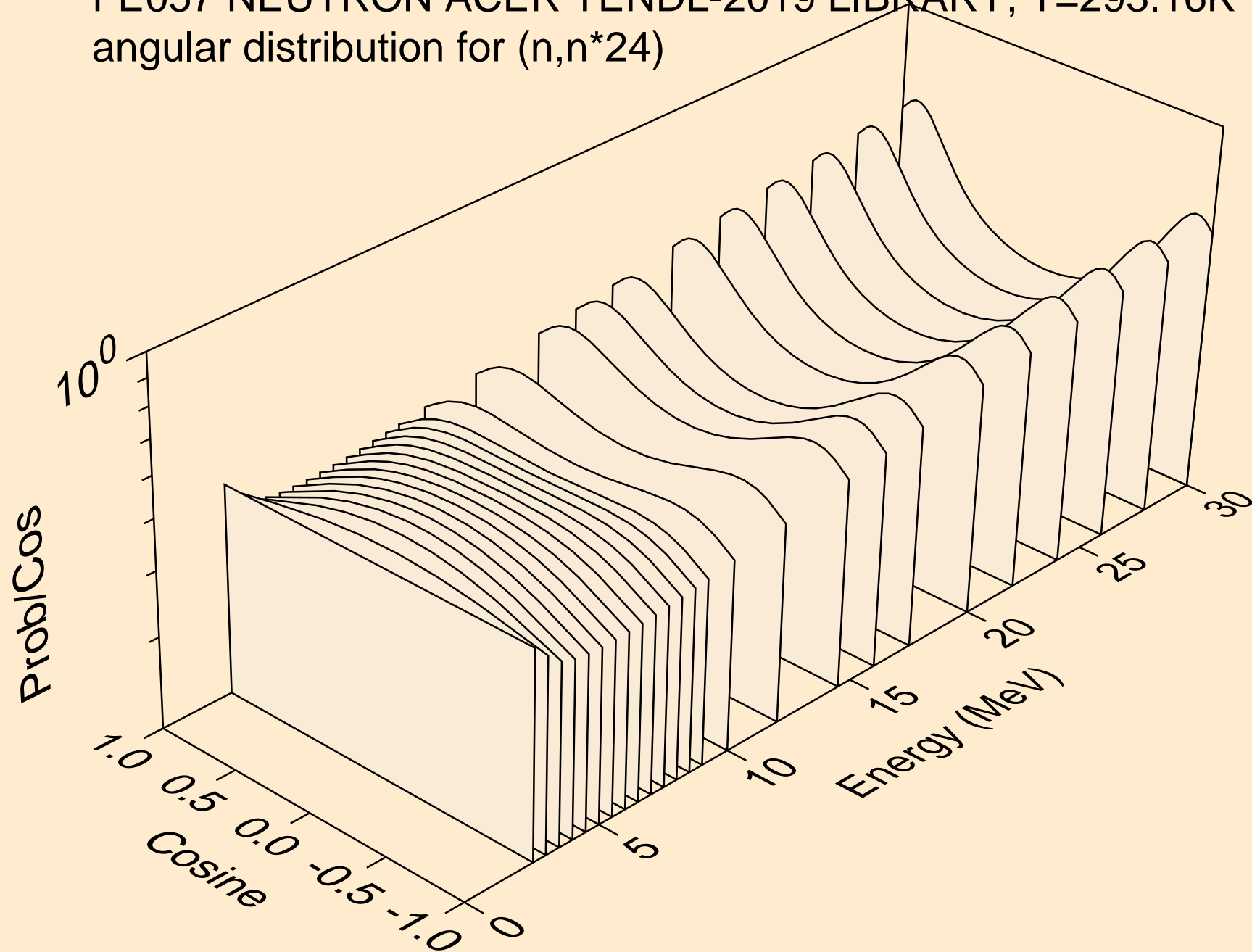
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



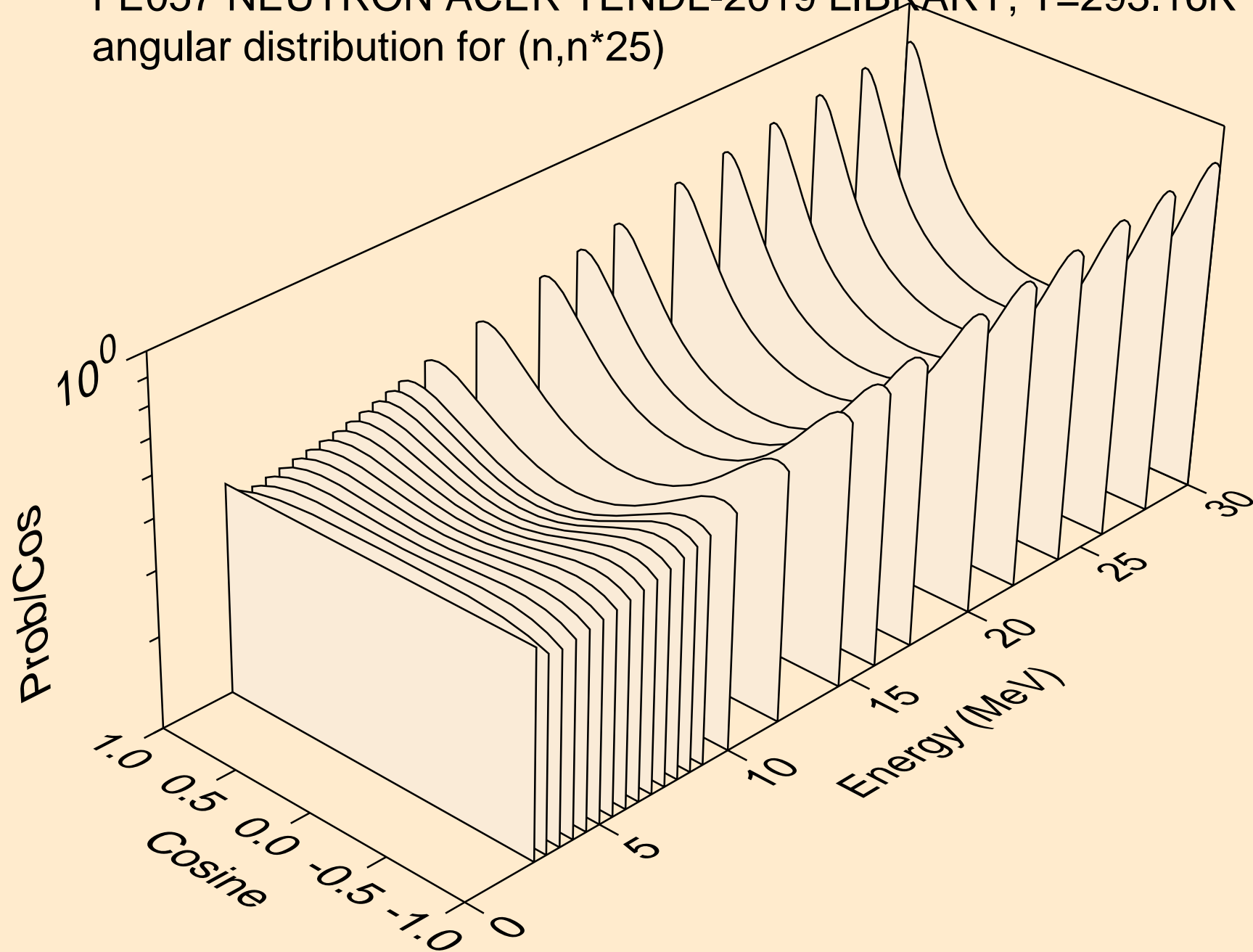
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)

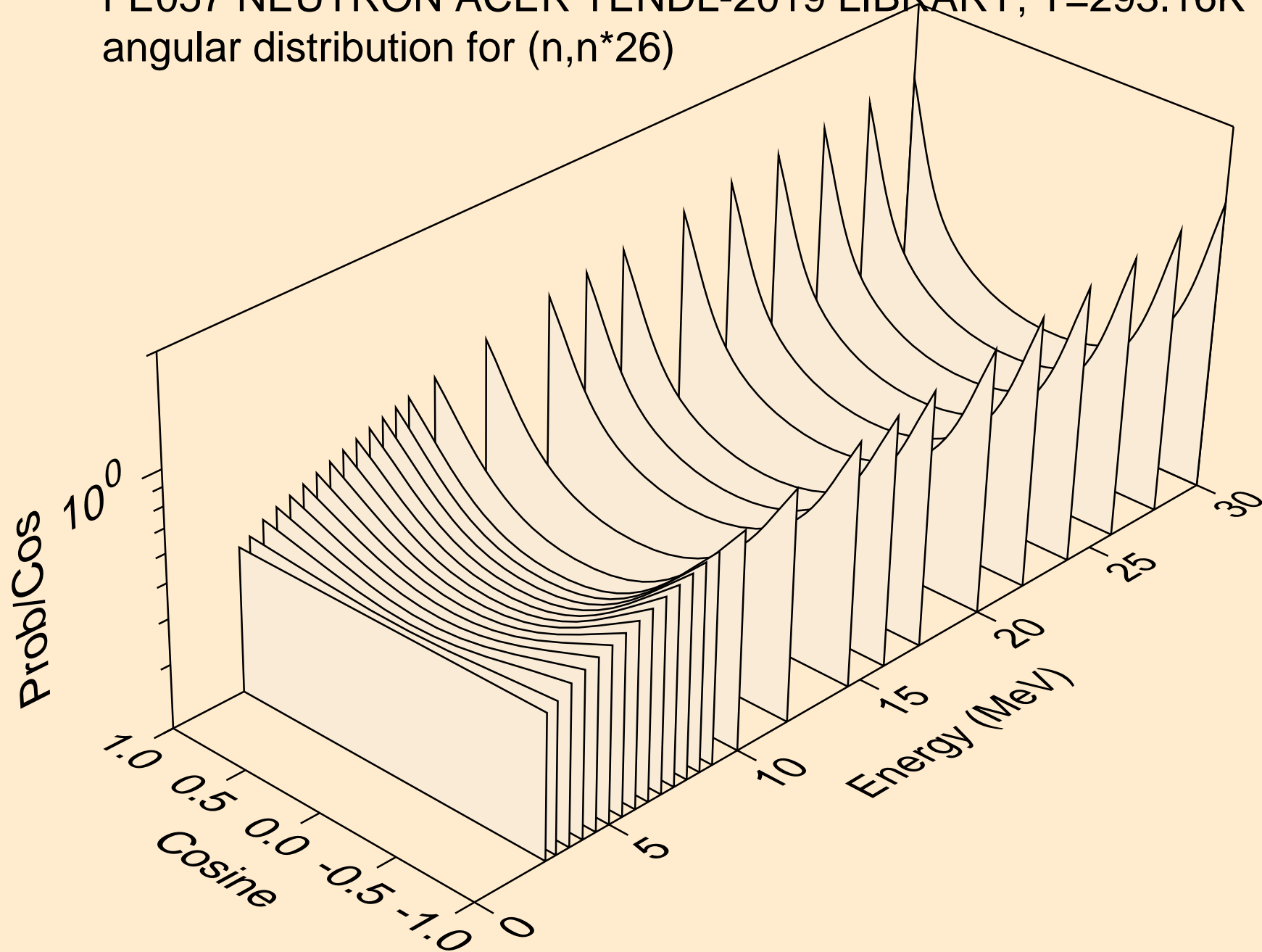


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

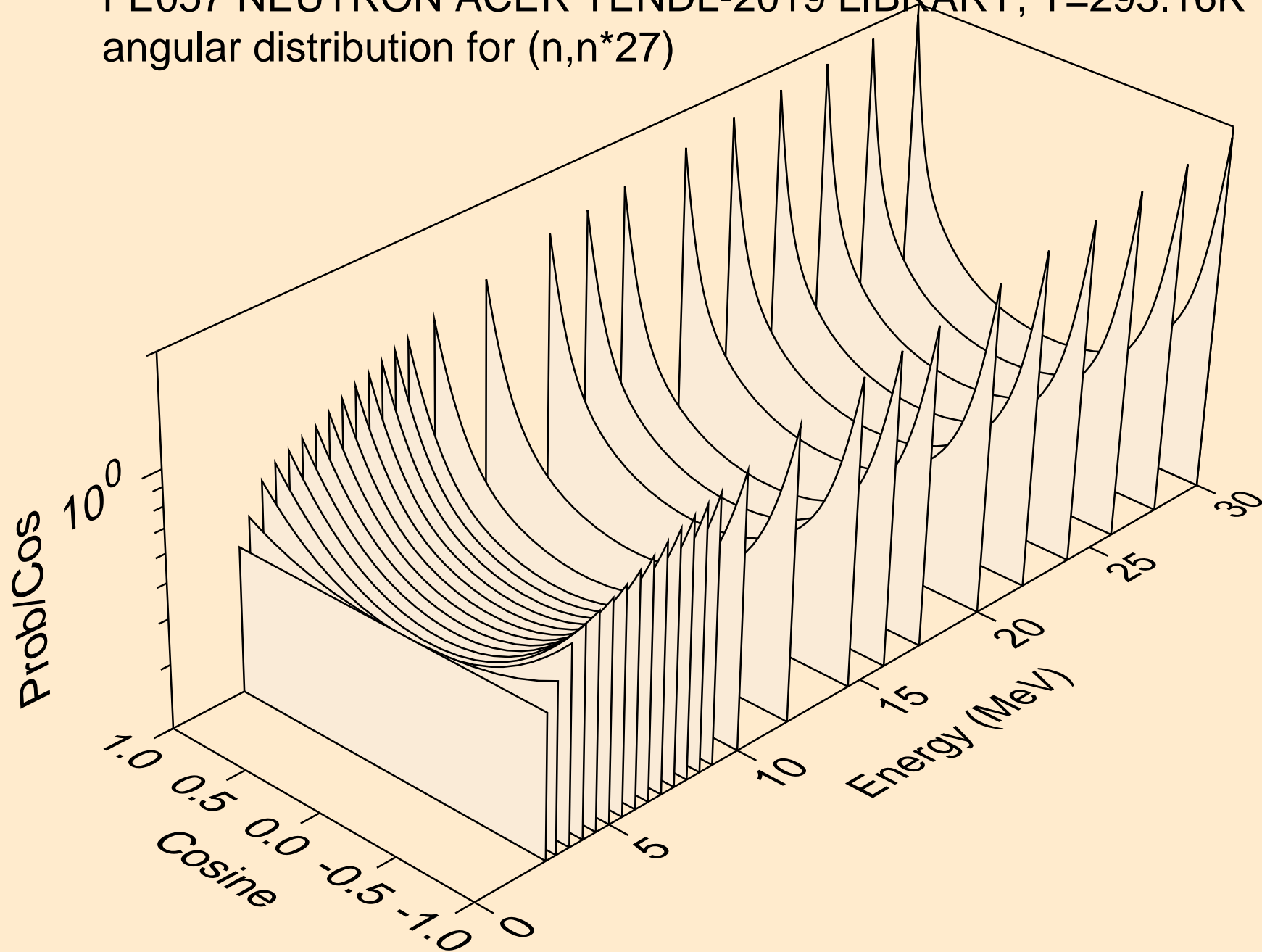




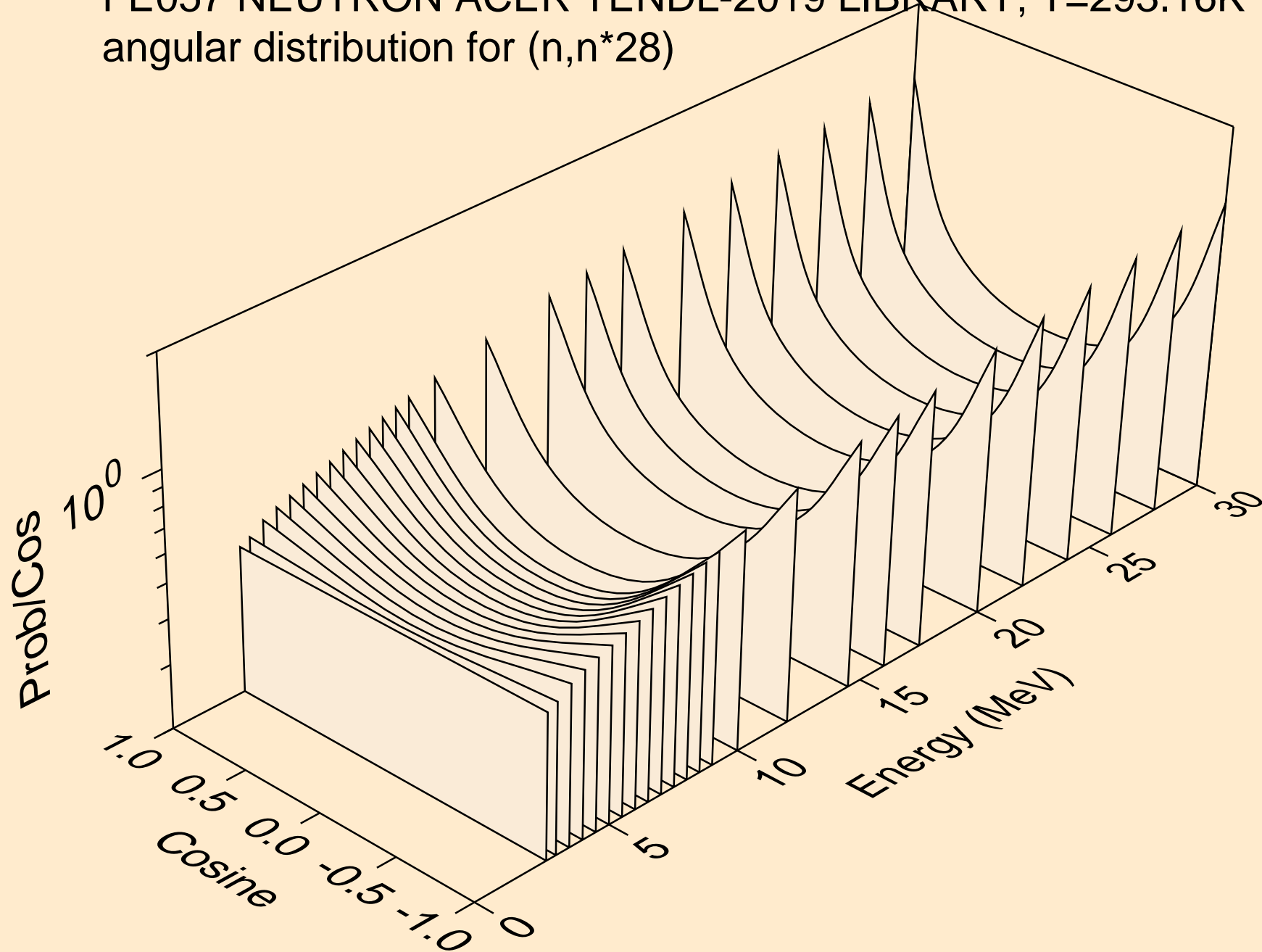
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



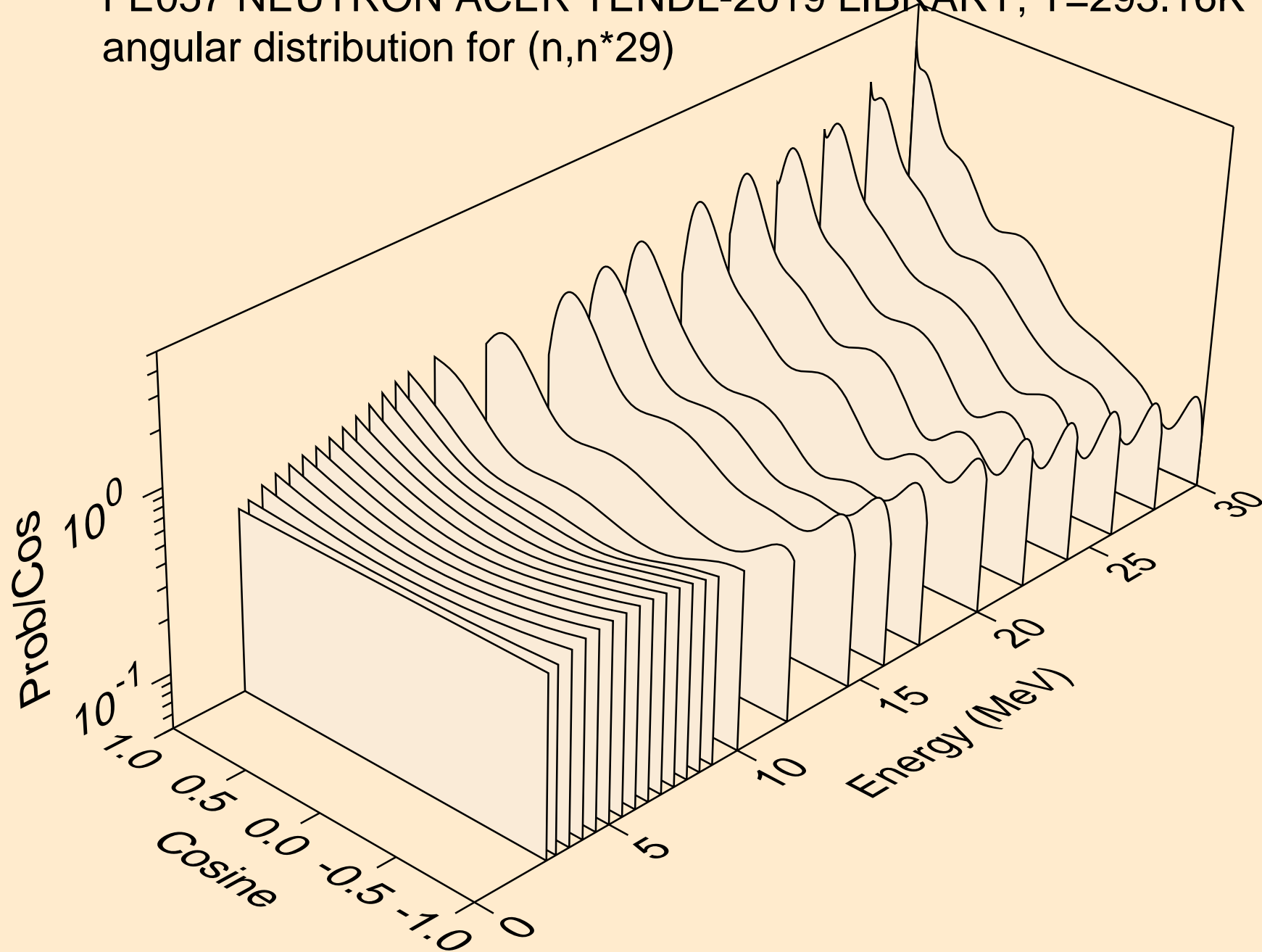
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



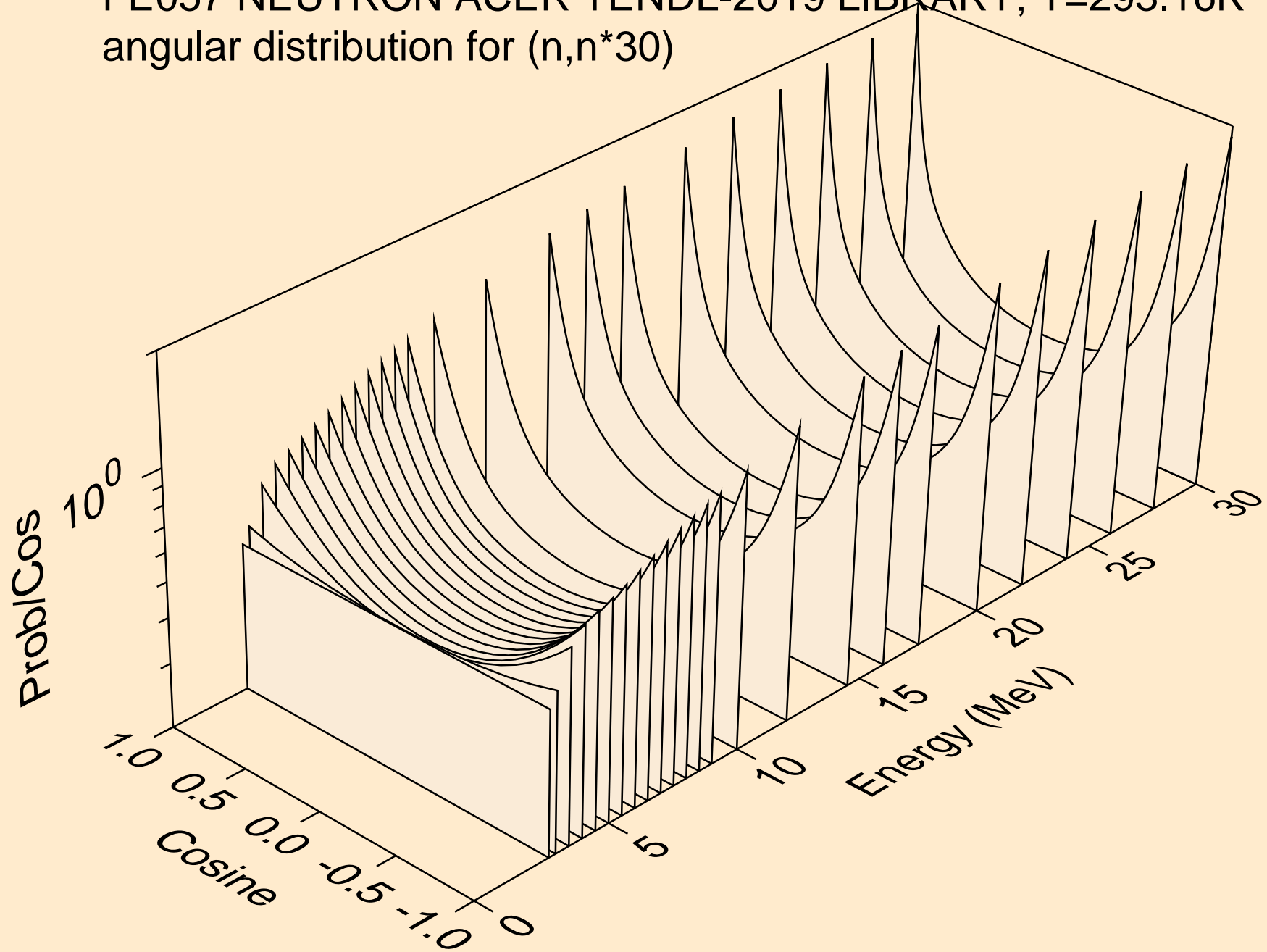
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



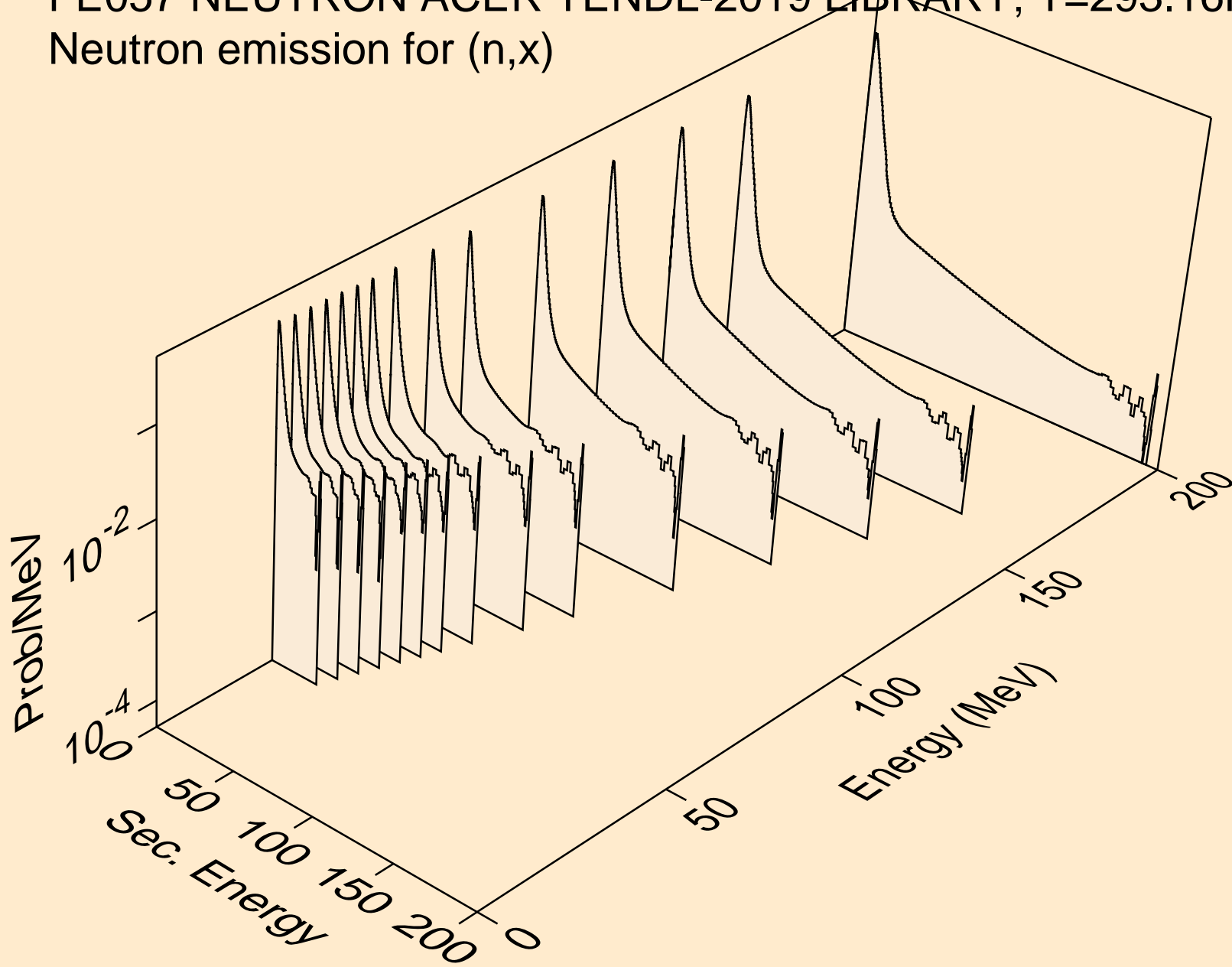
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



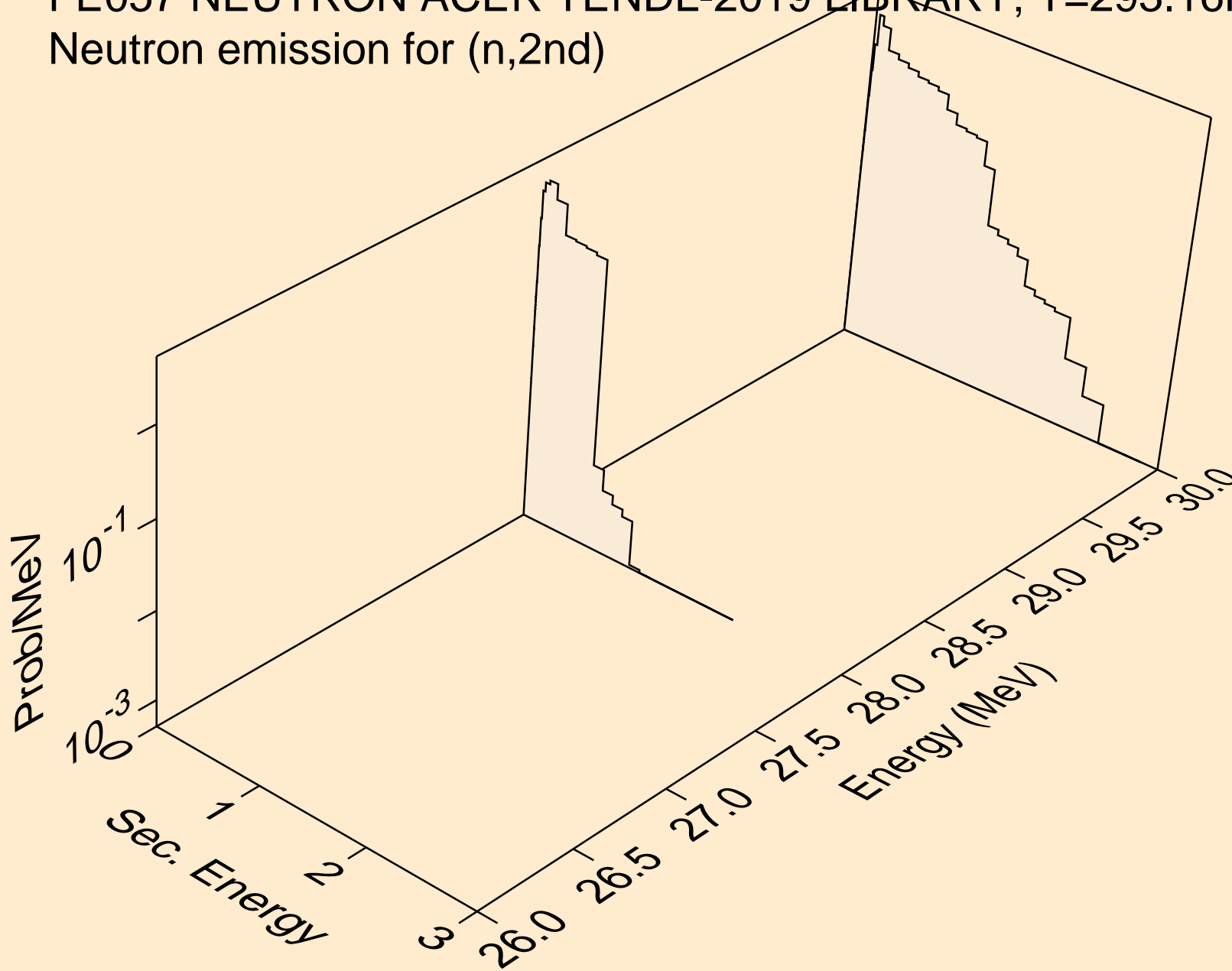
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



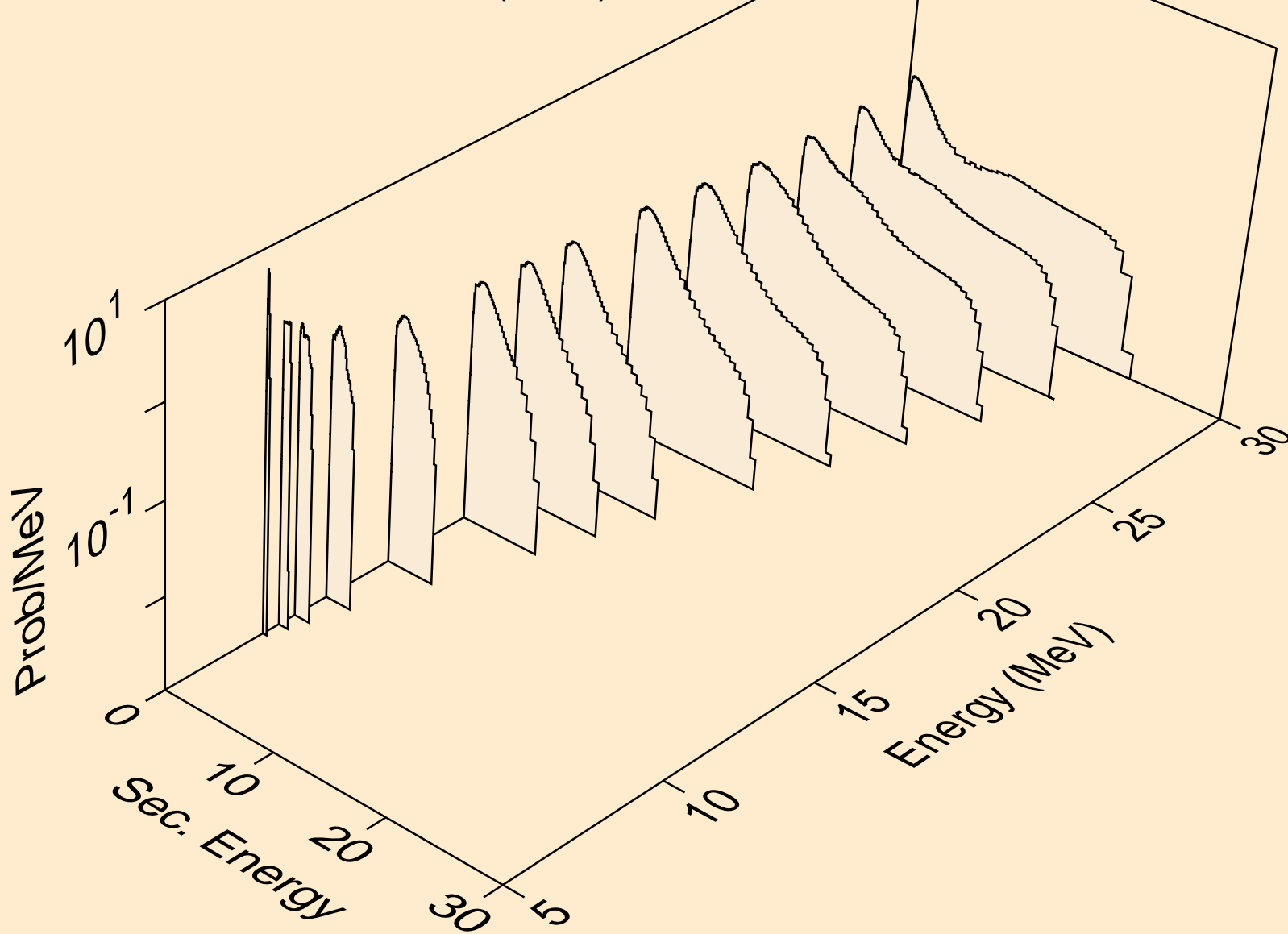
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

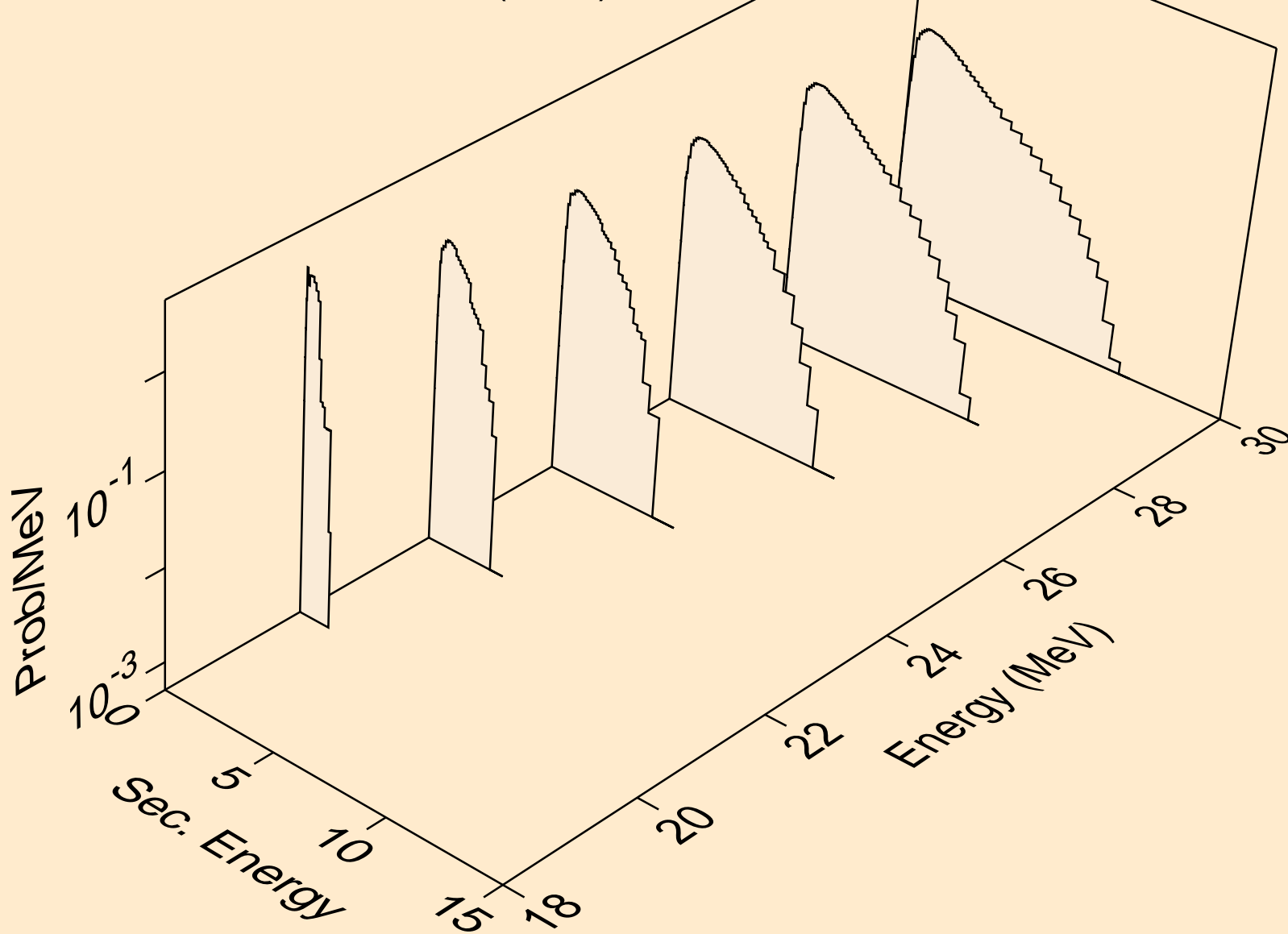


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

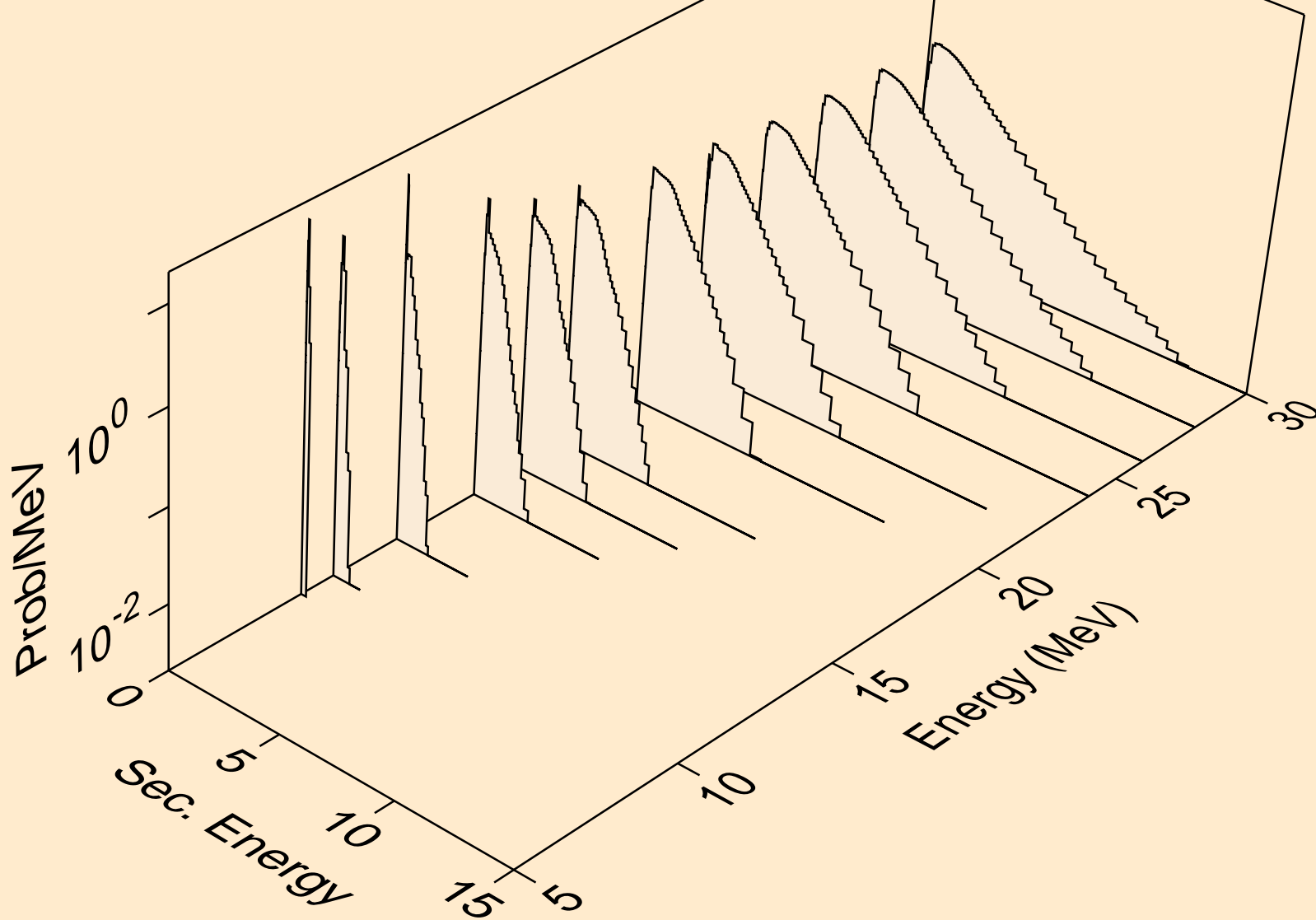




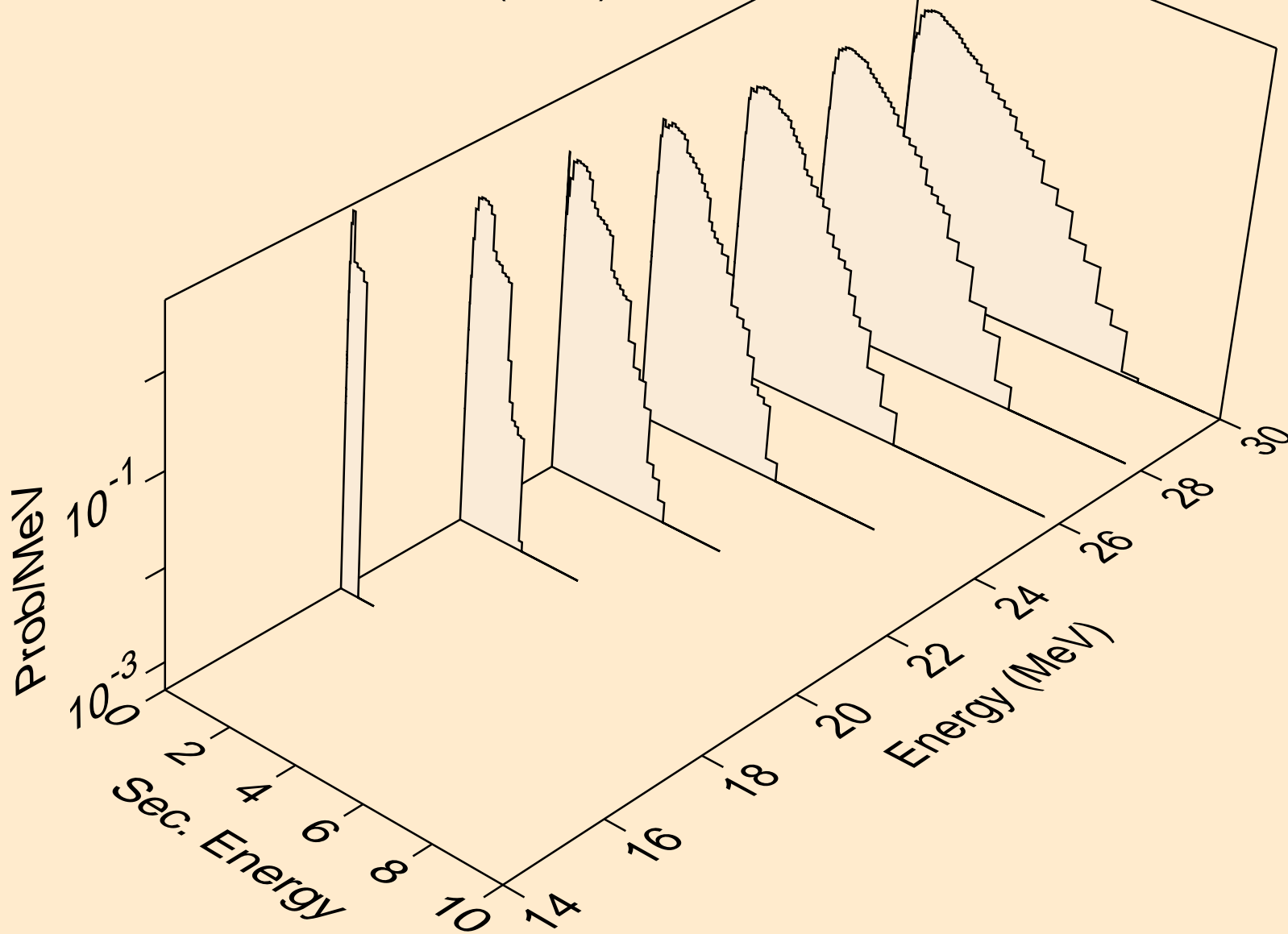
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



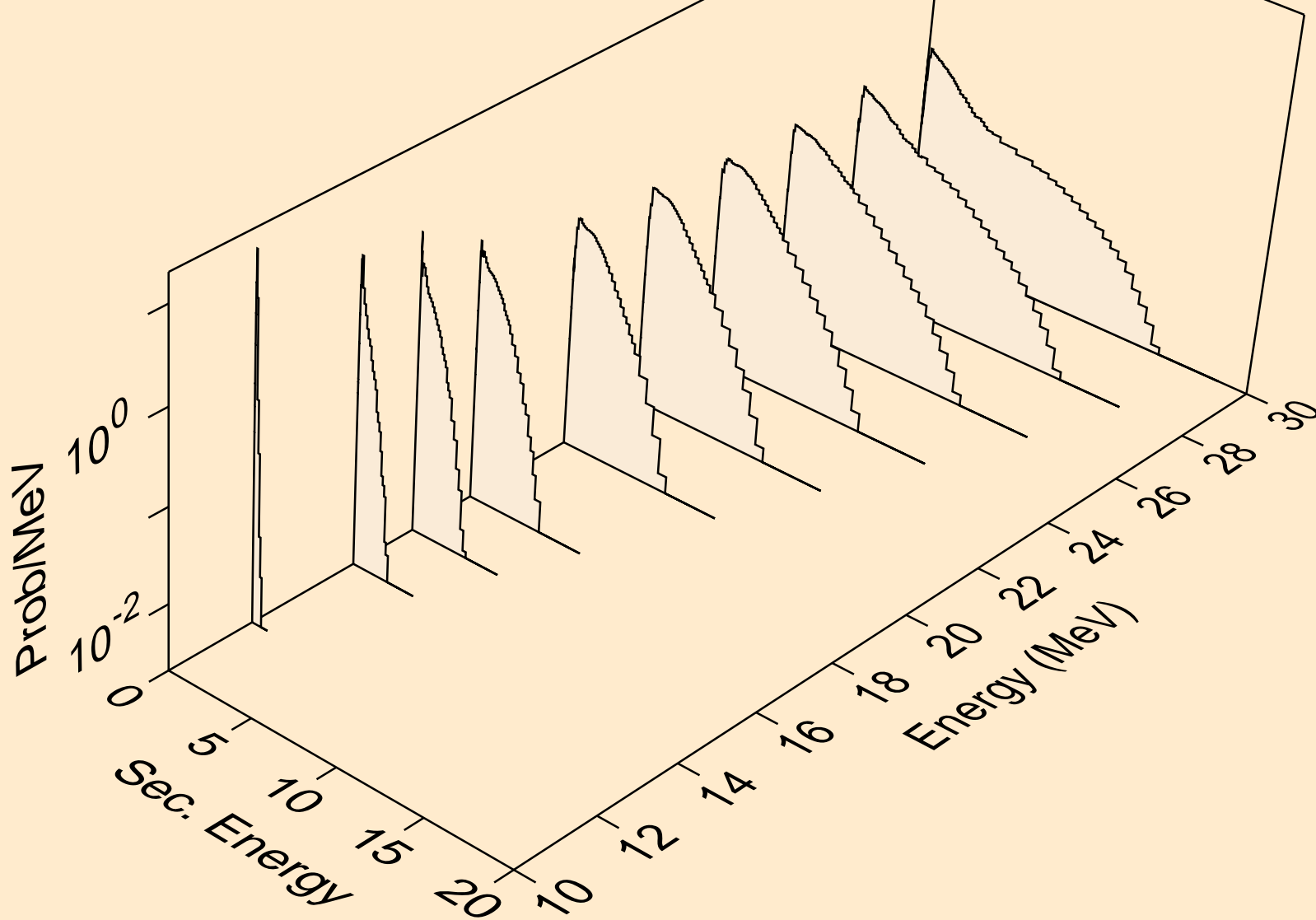
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



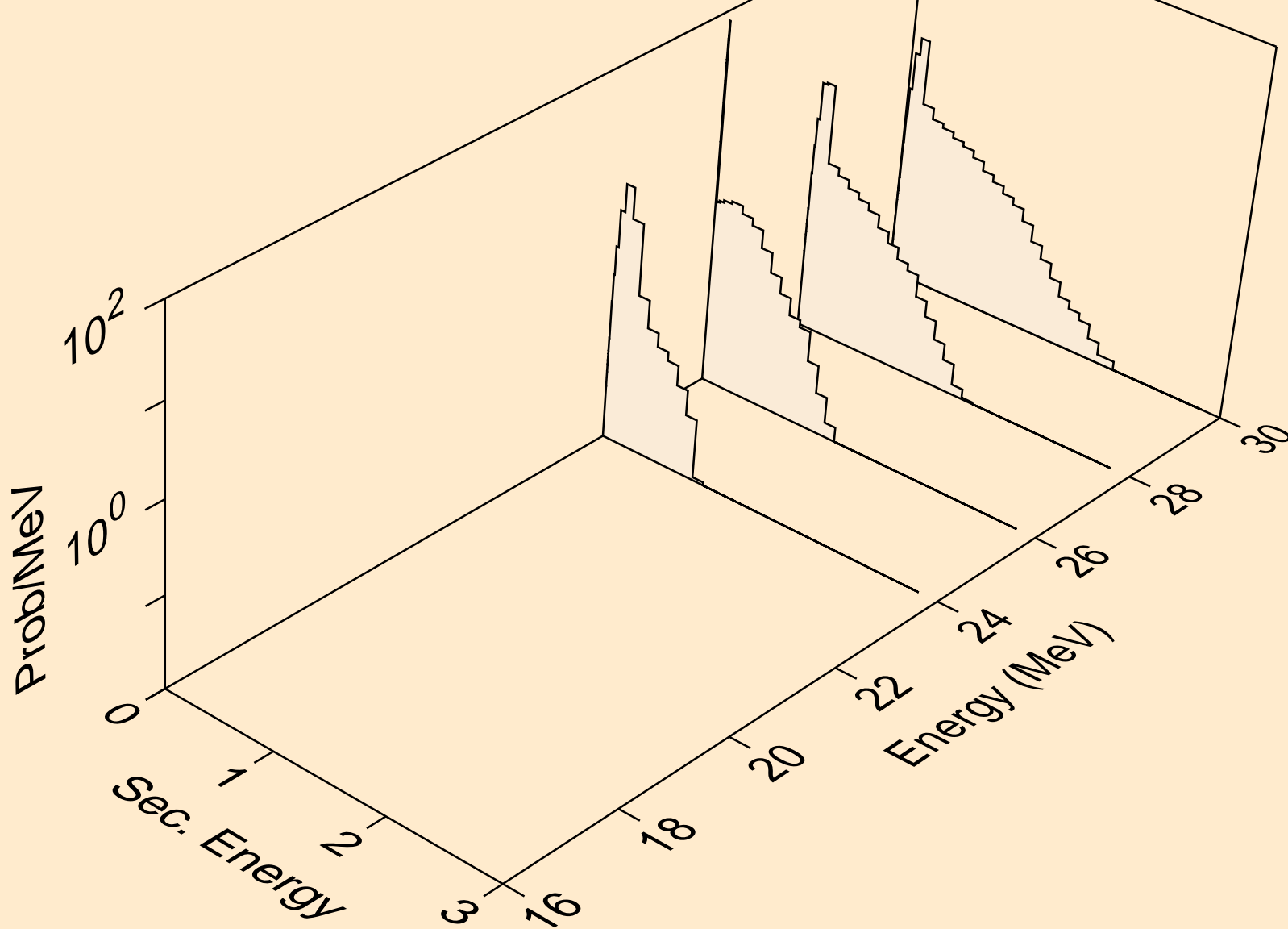
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



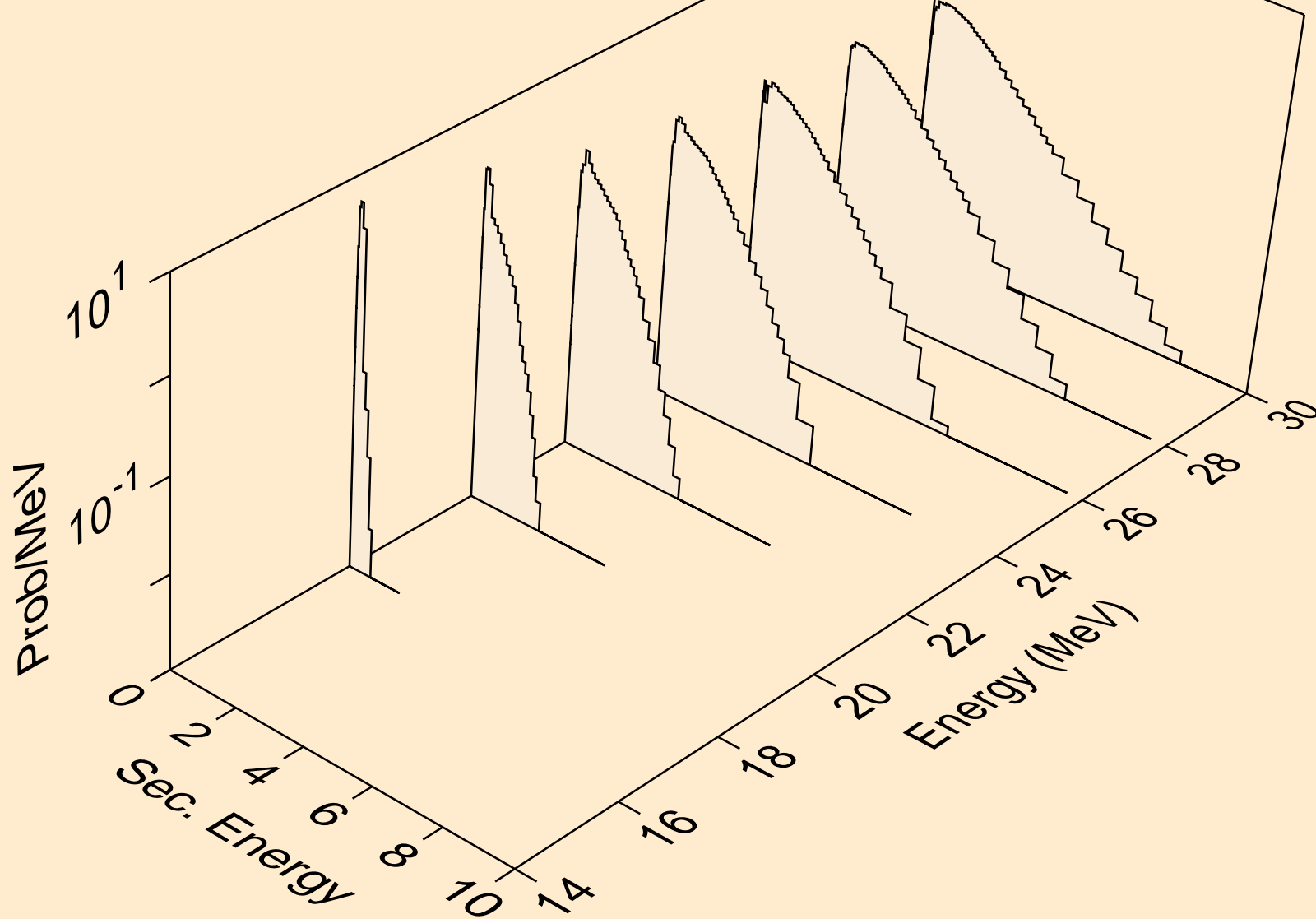
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



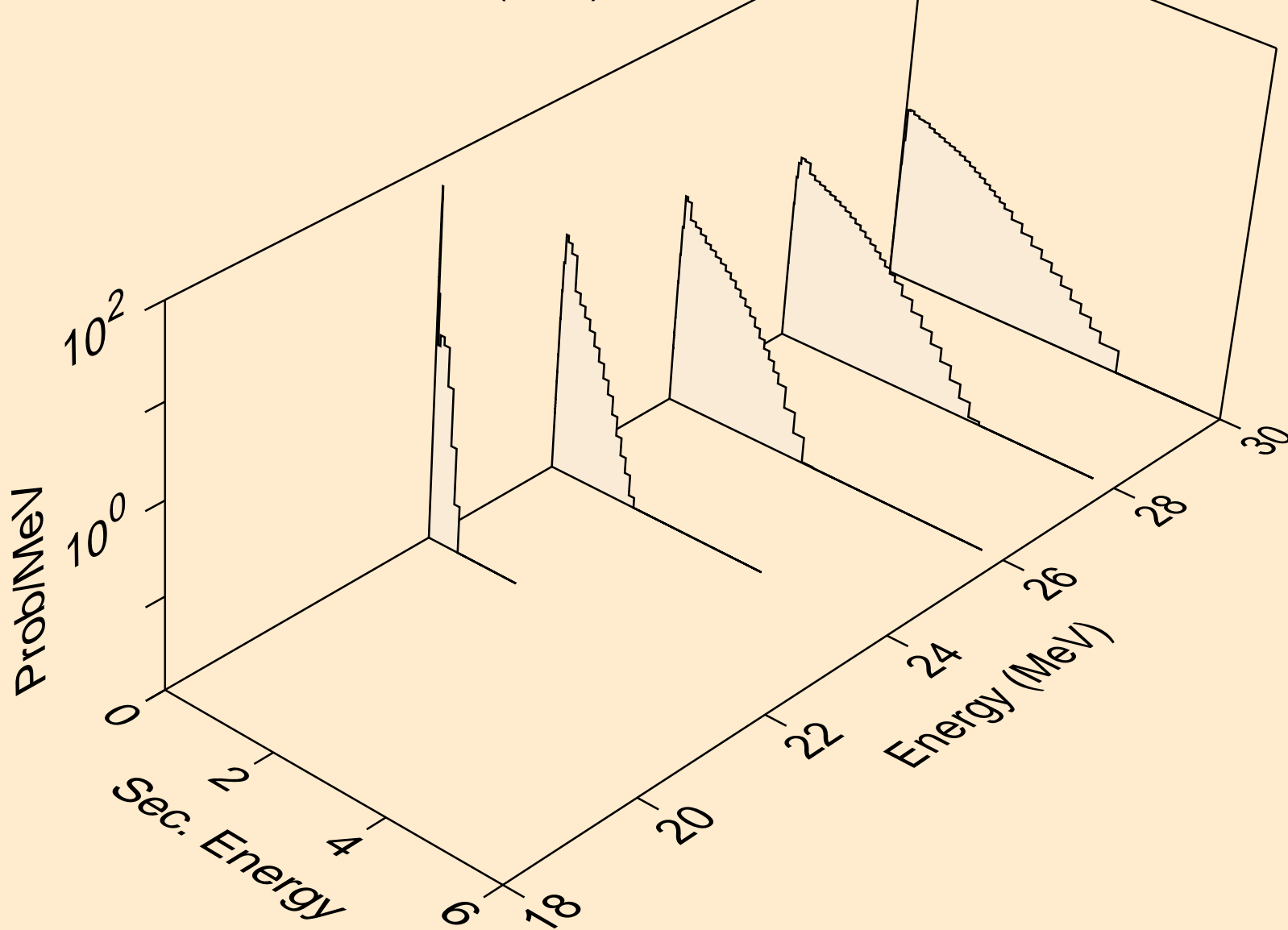
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



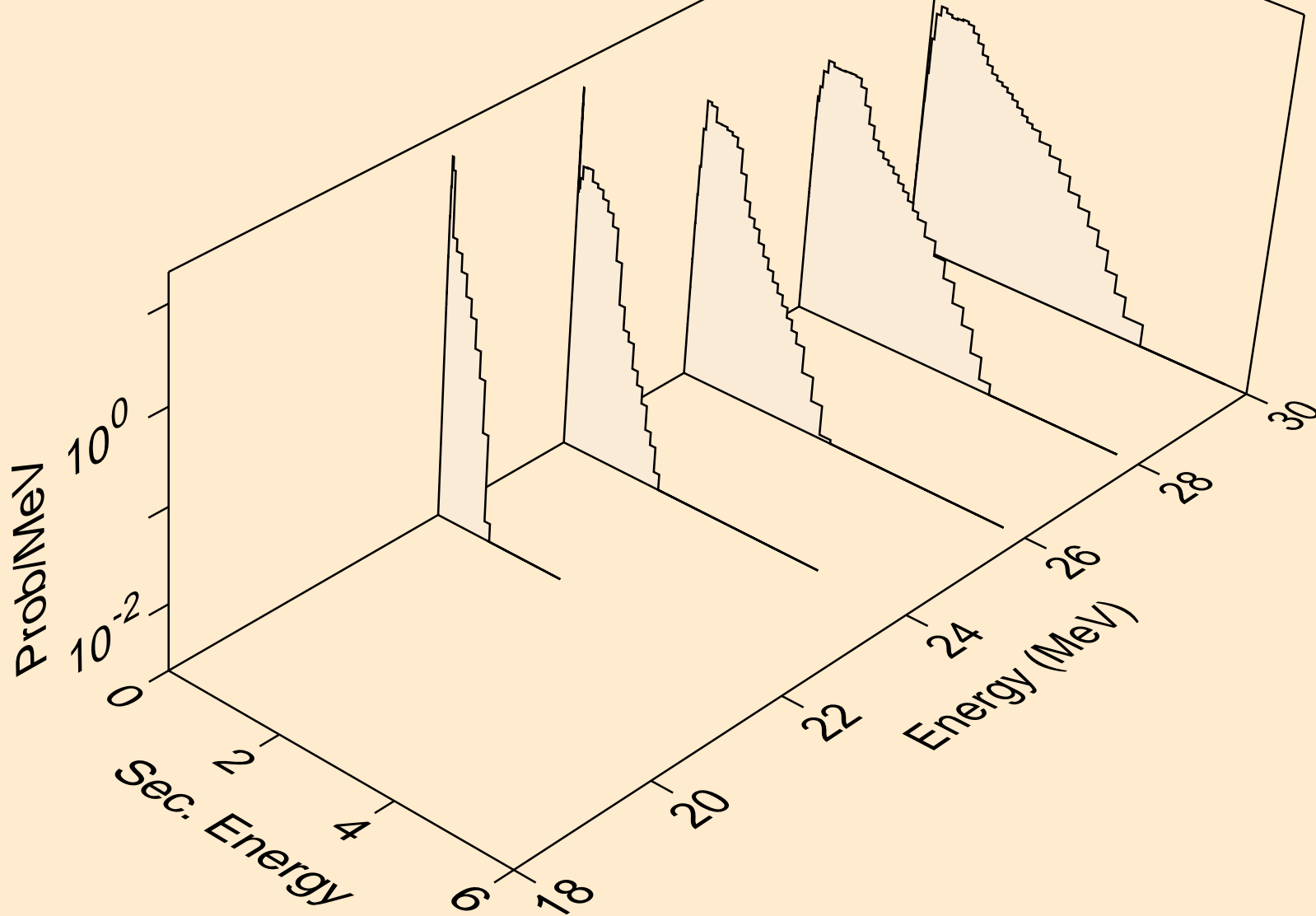
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

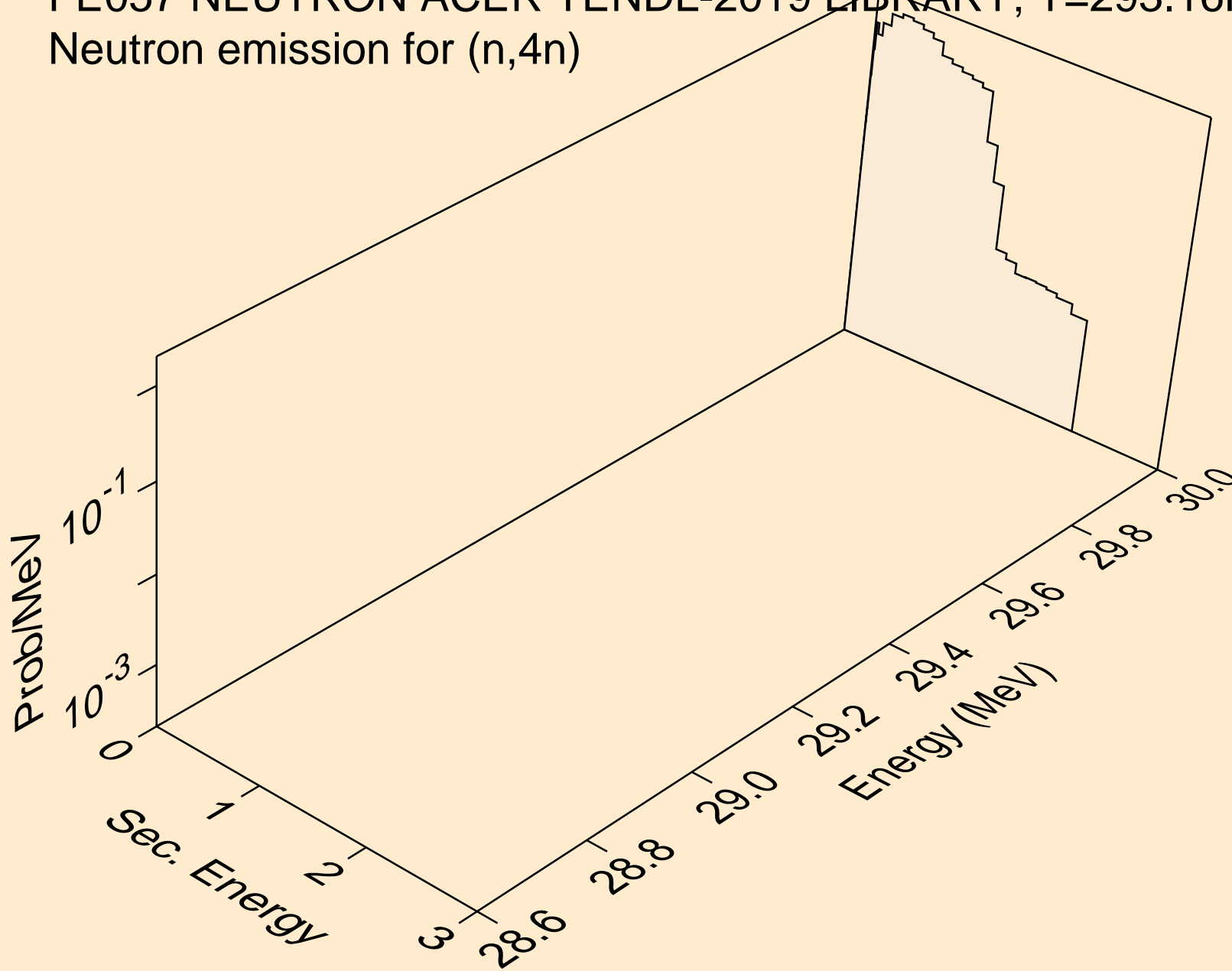


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

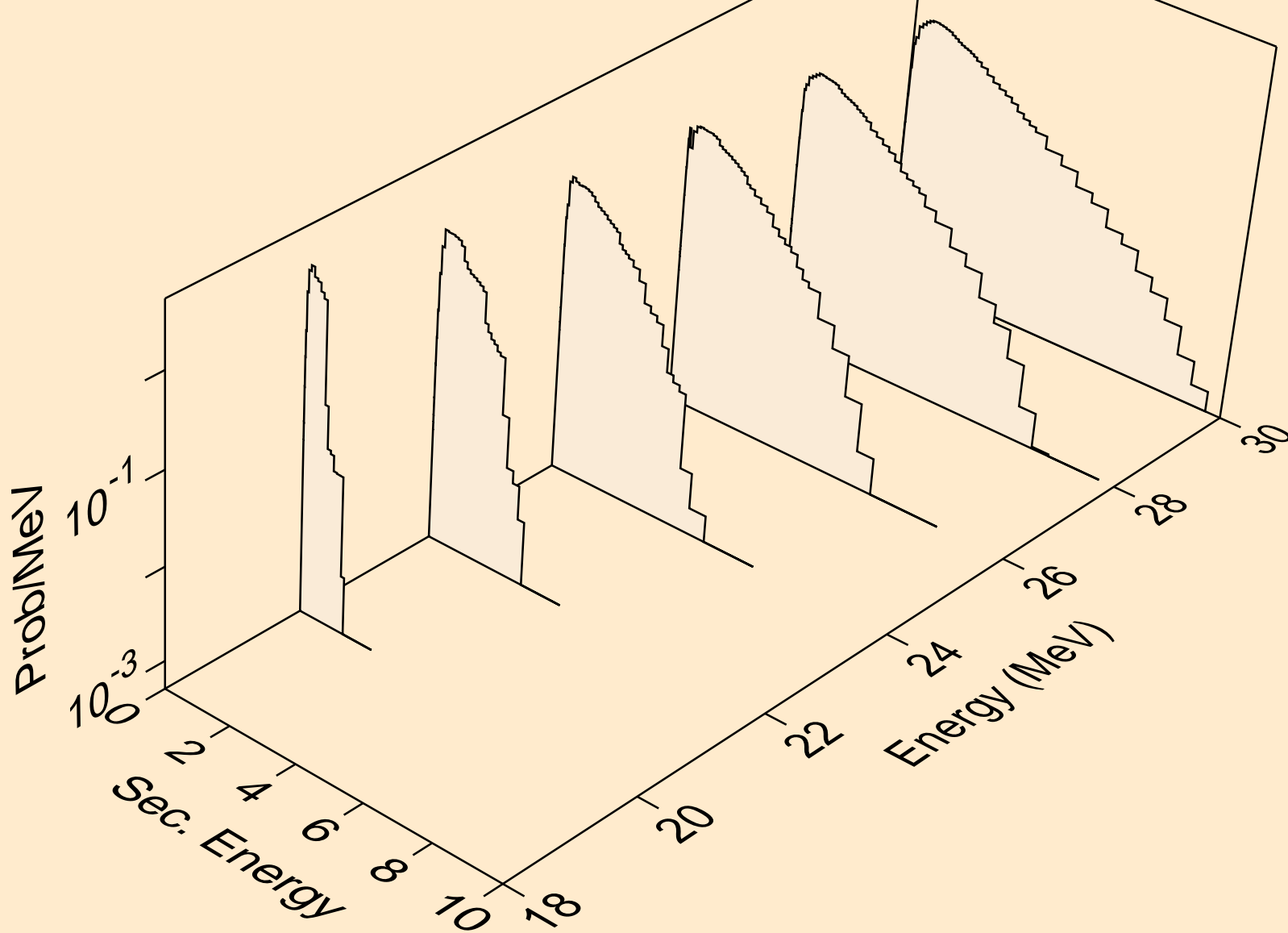




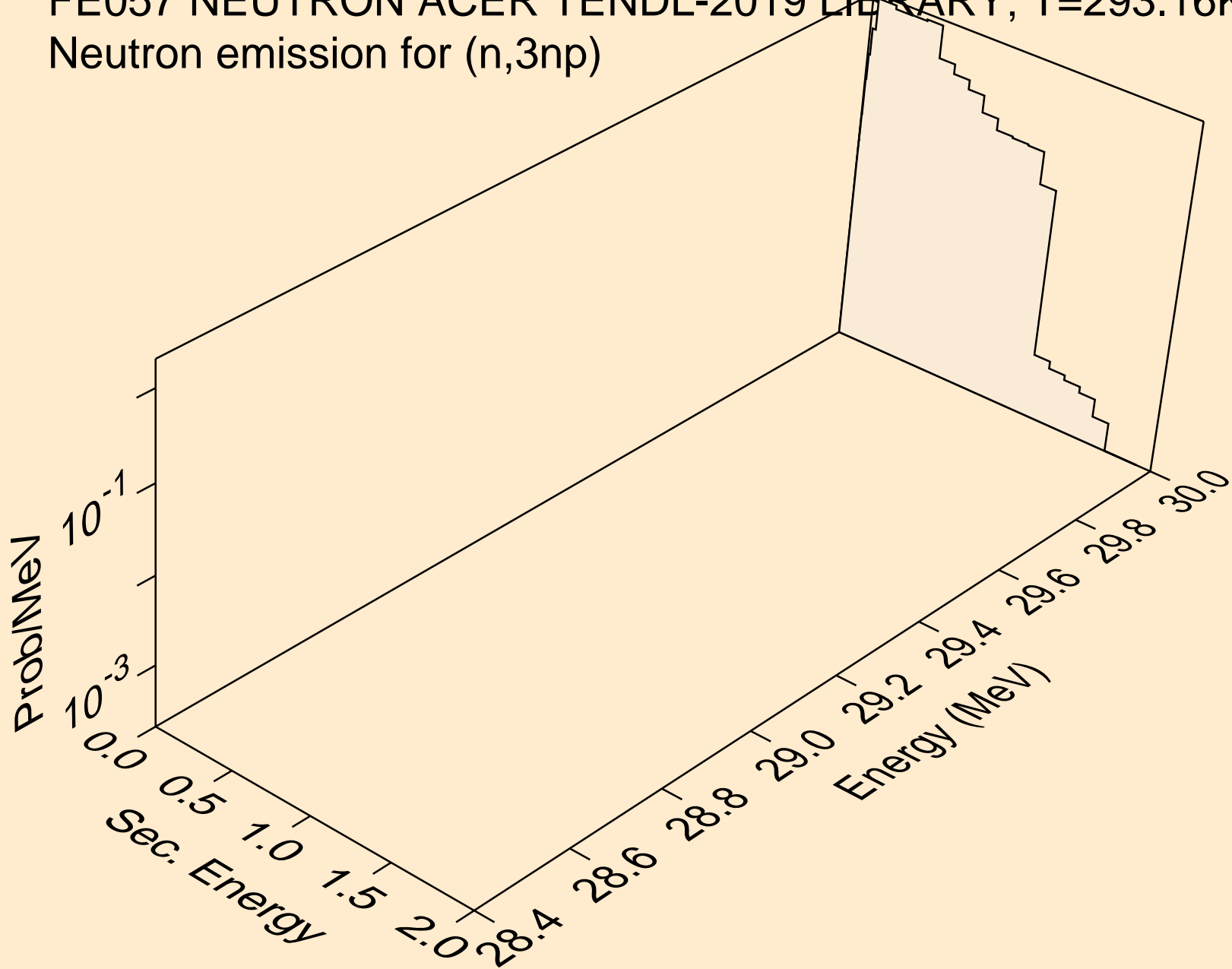
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



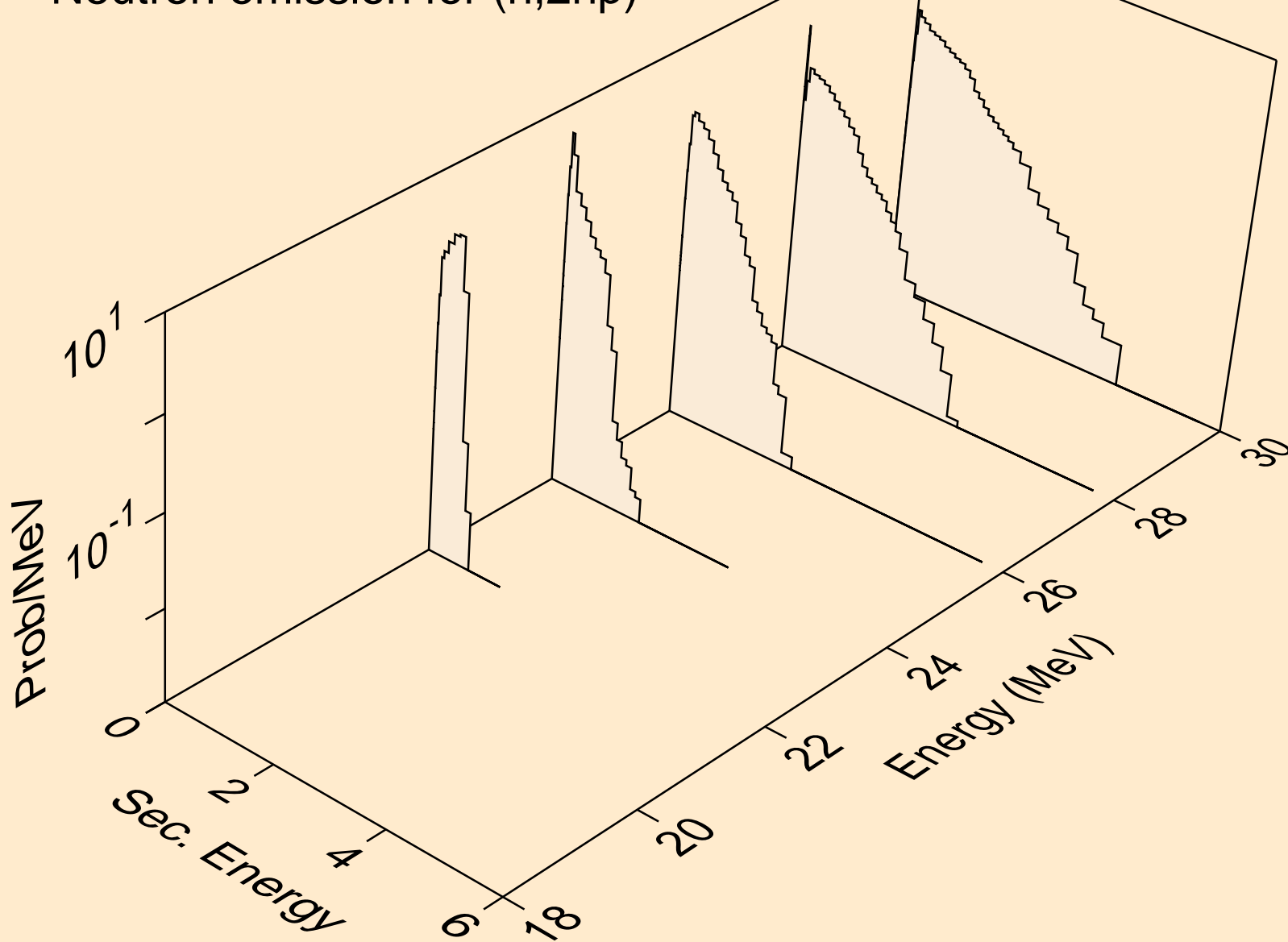
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



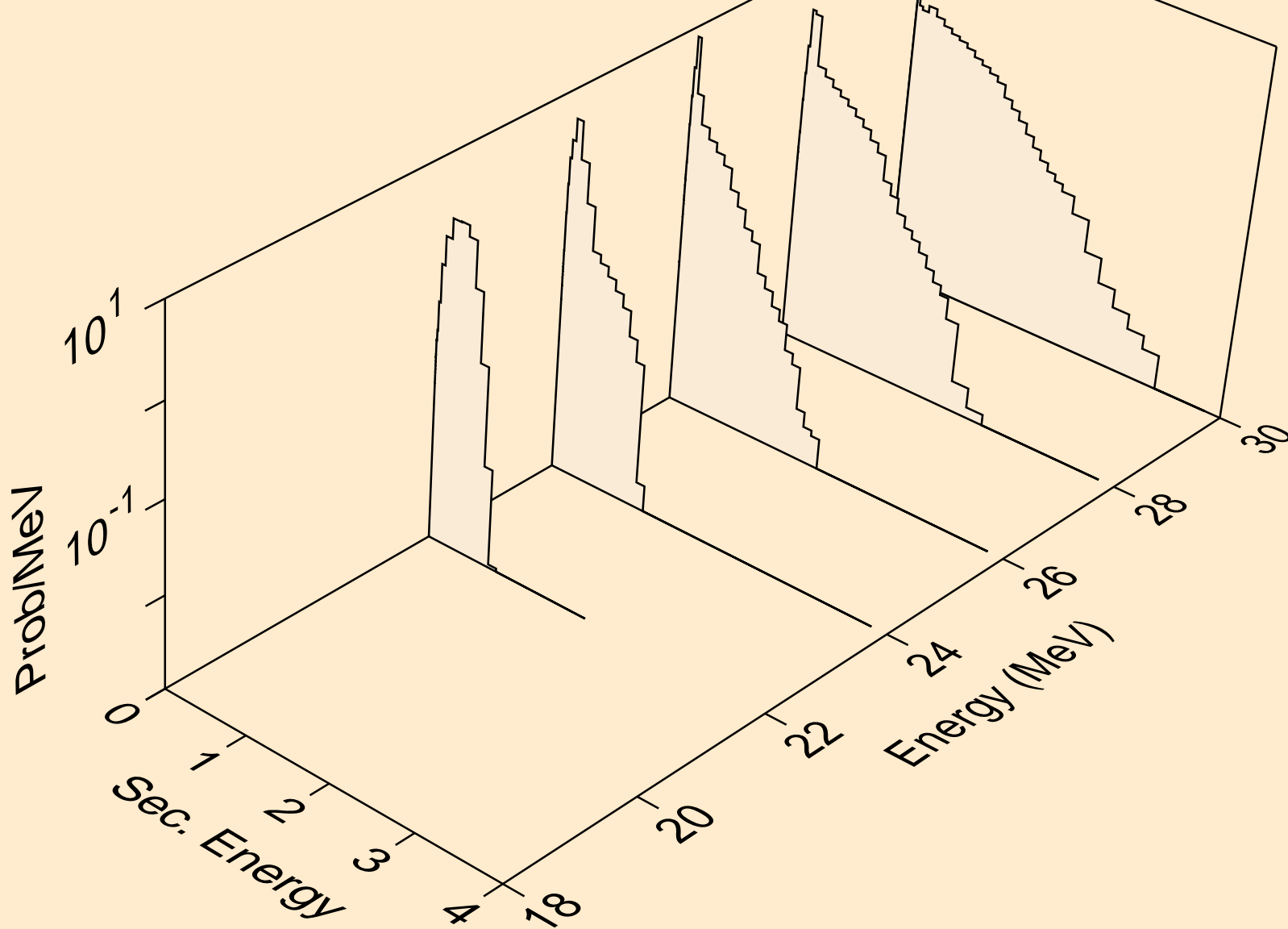
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



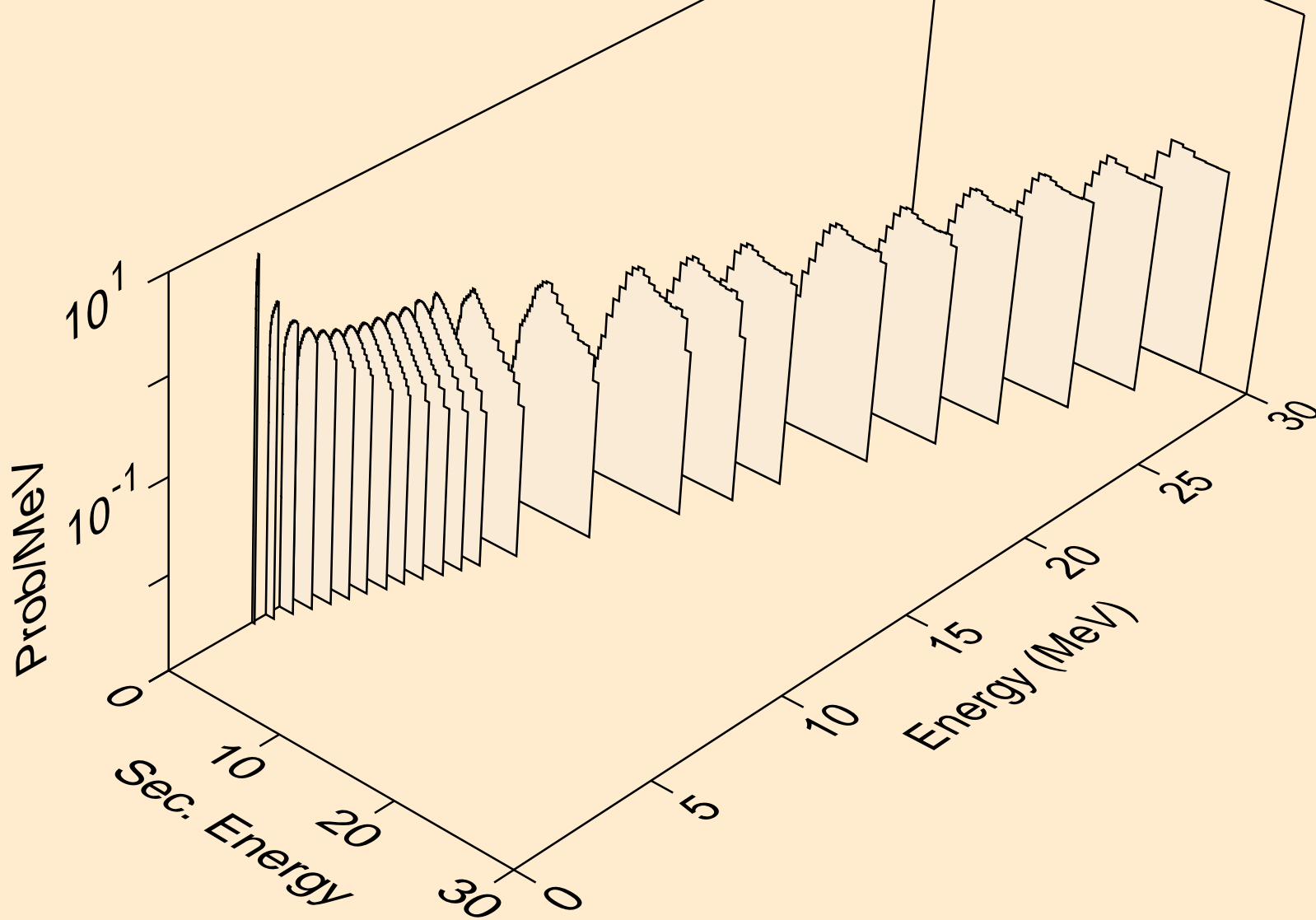
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



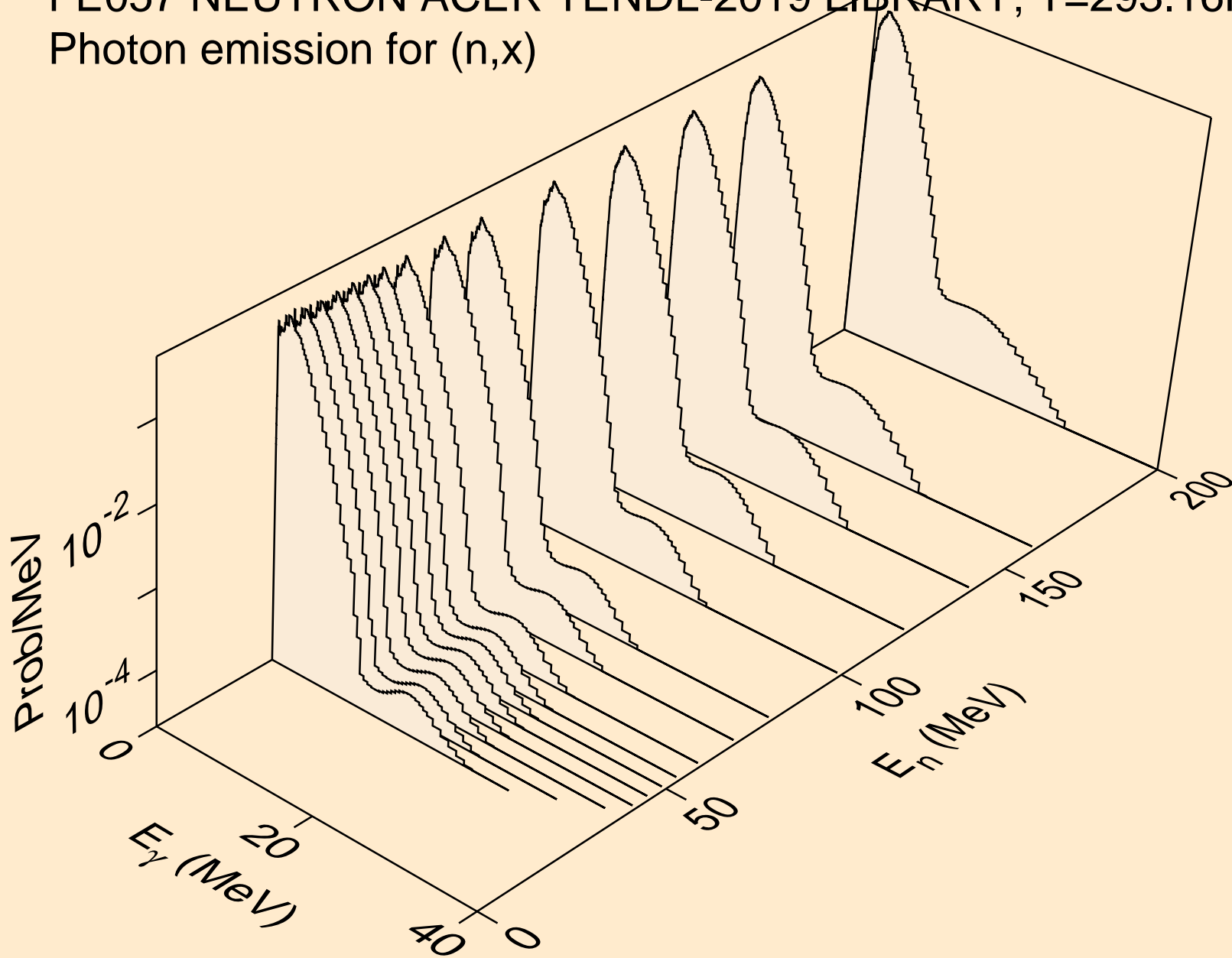
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



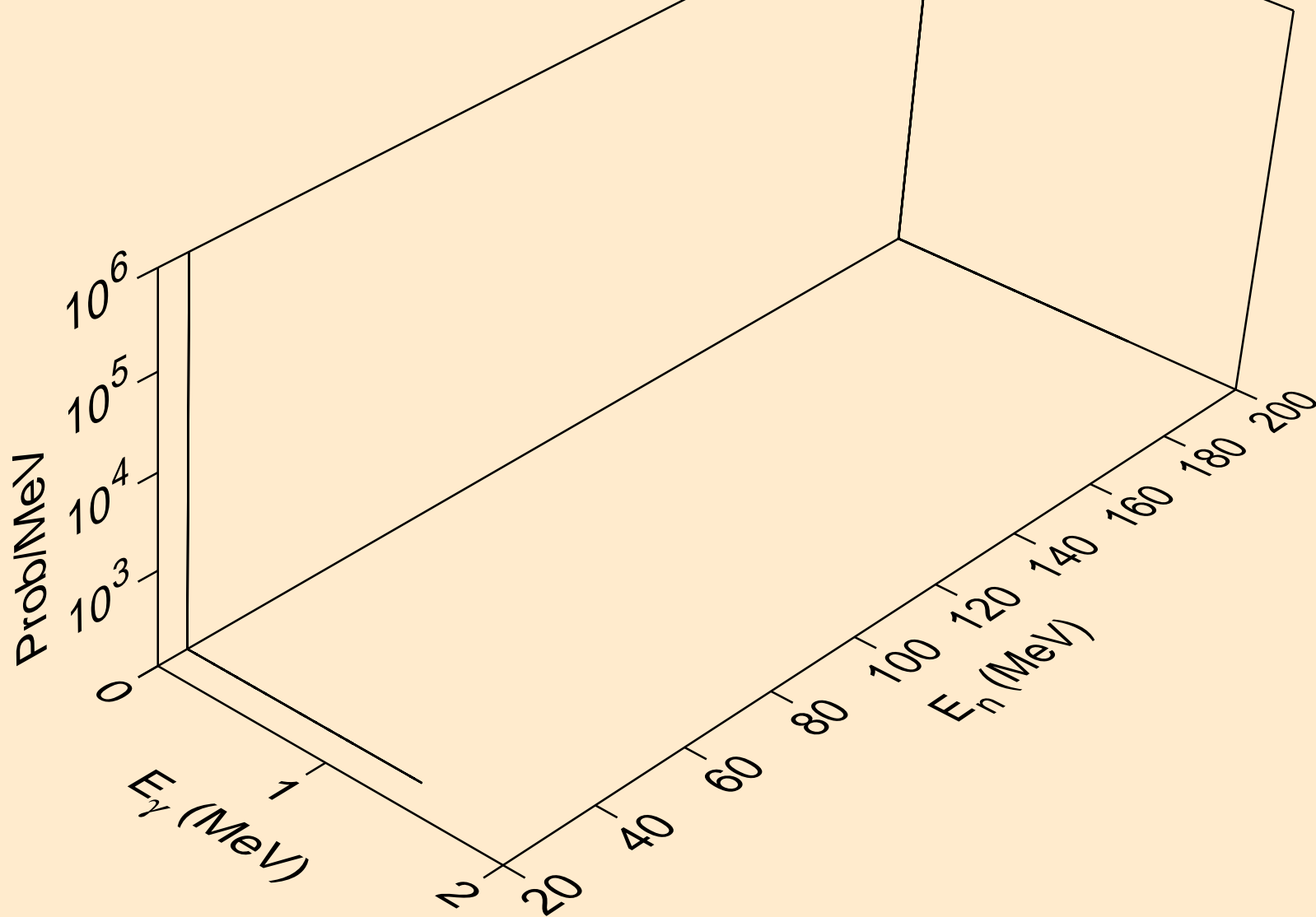
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

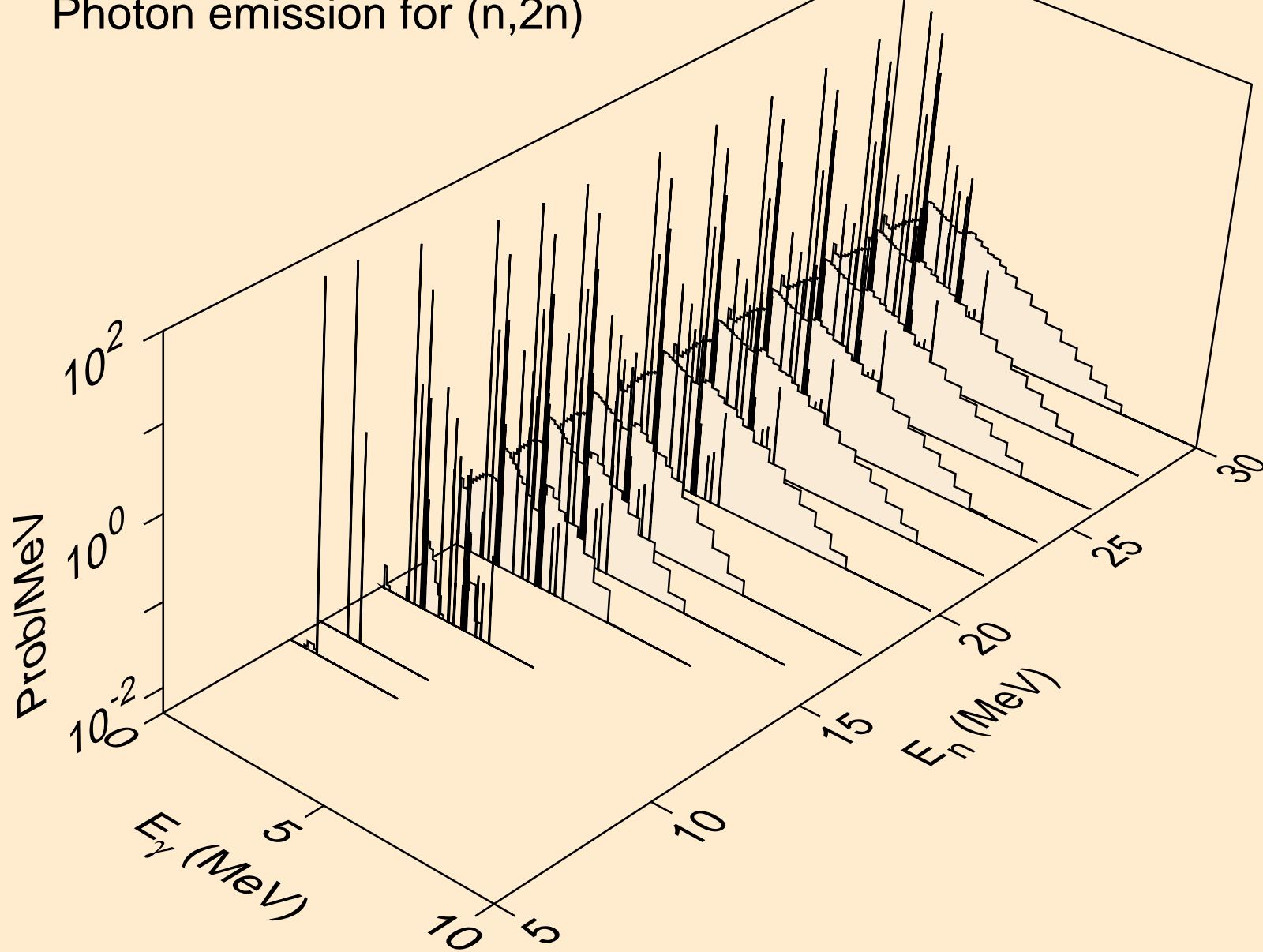


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

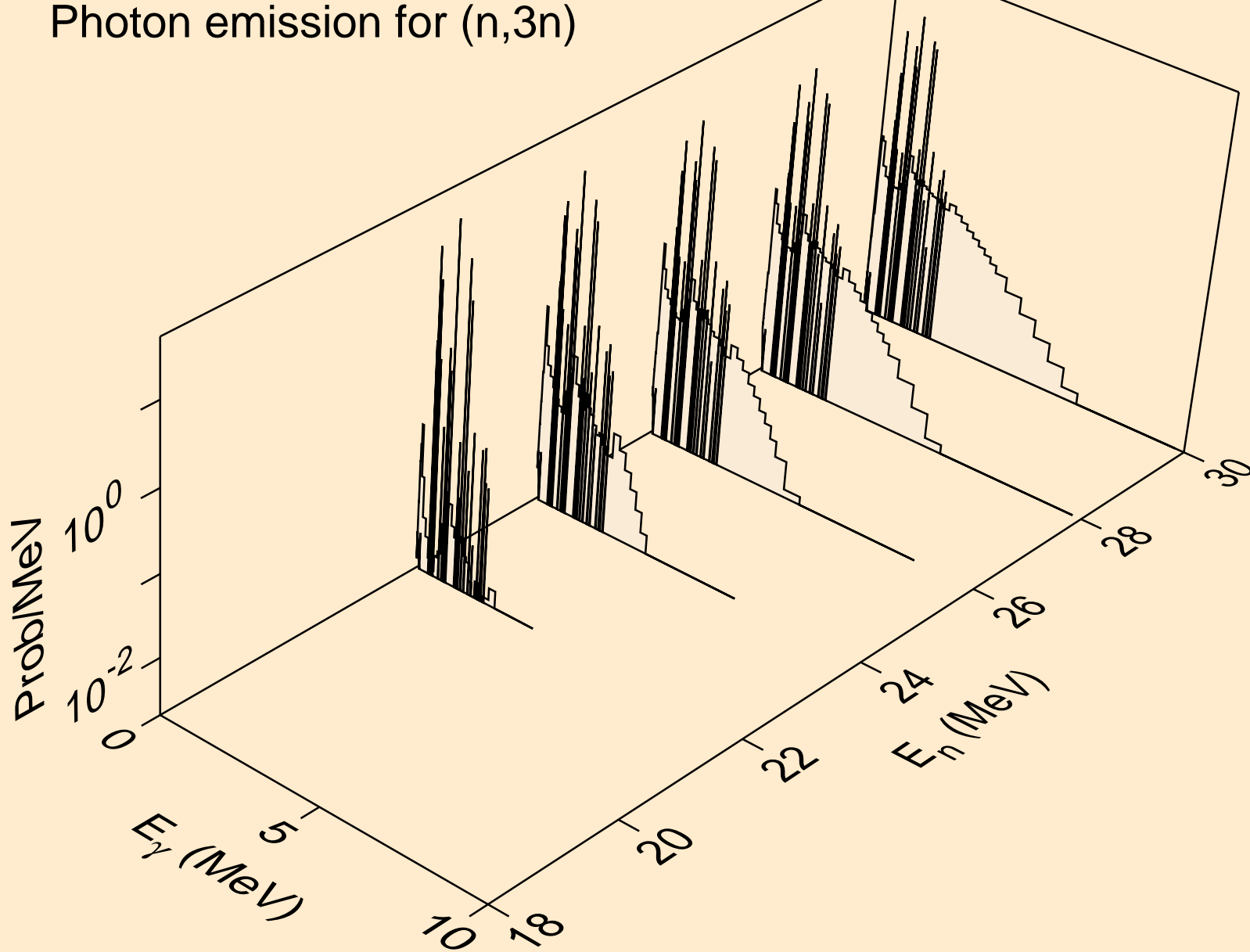




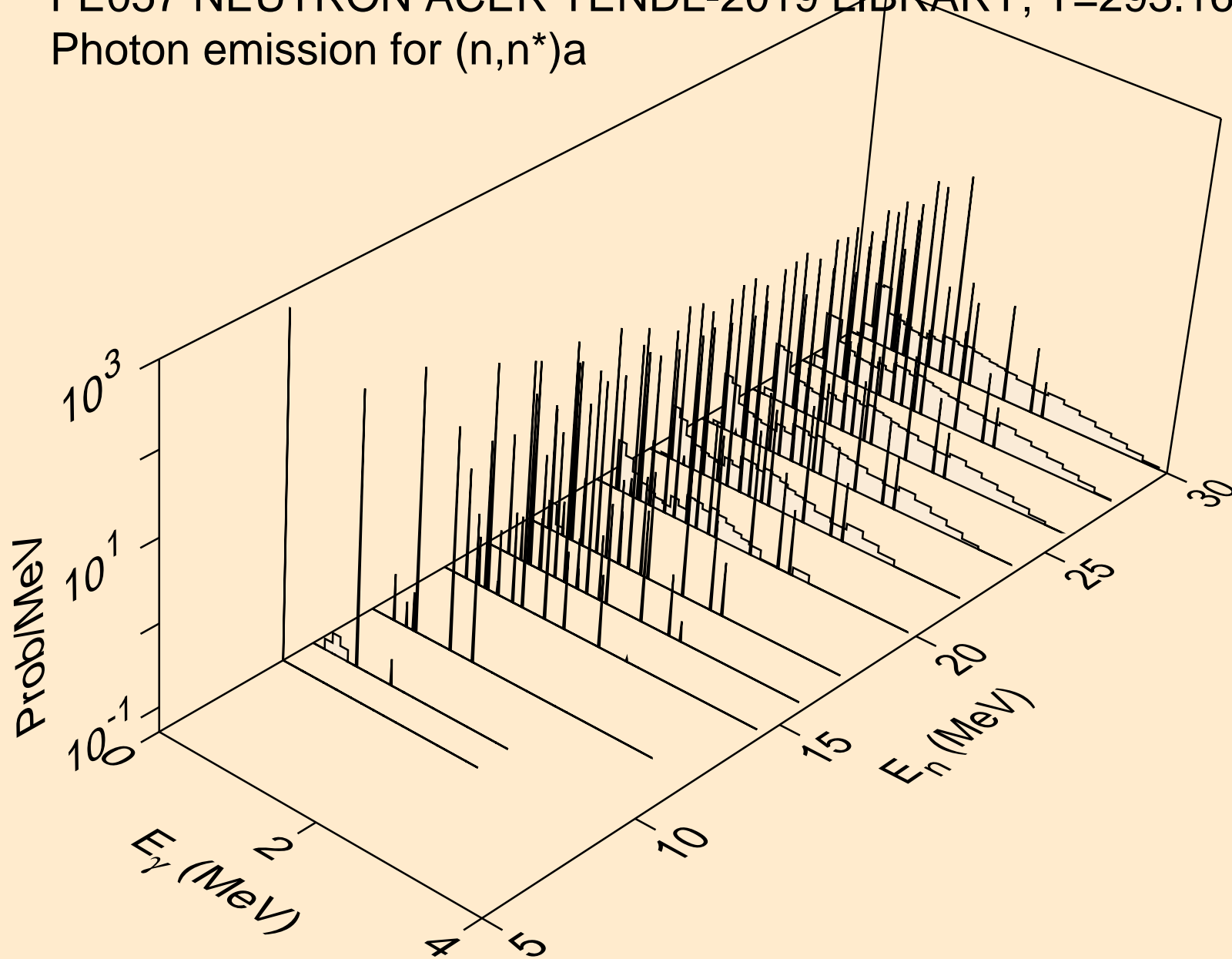
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



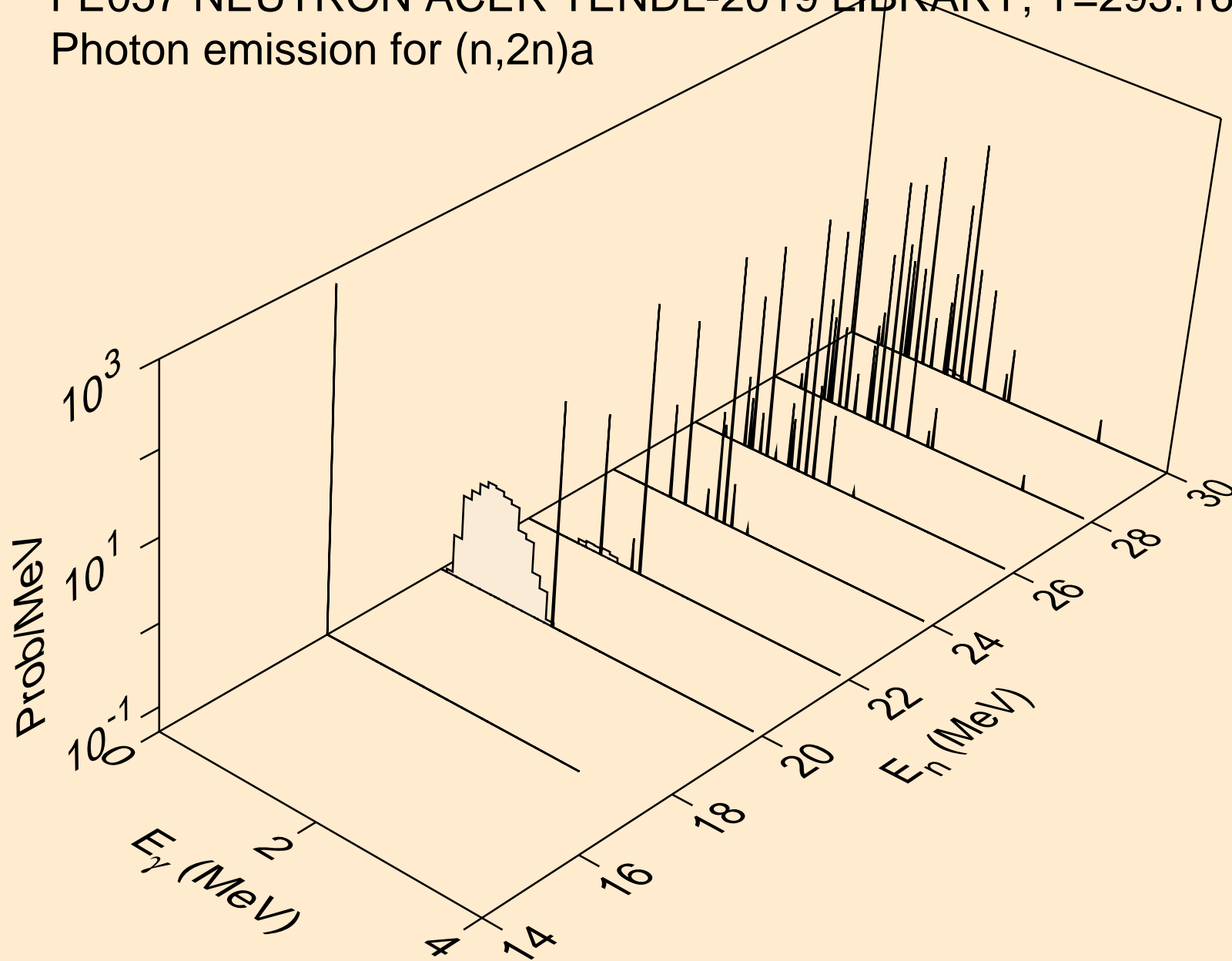
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



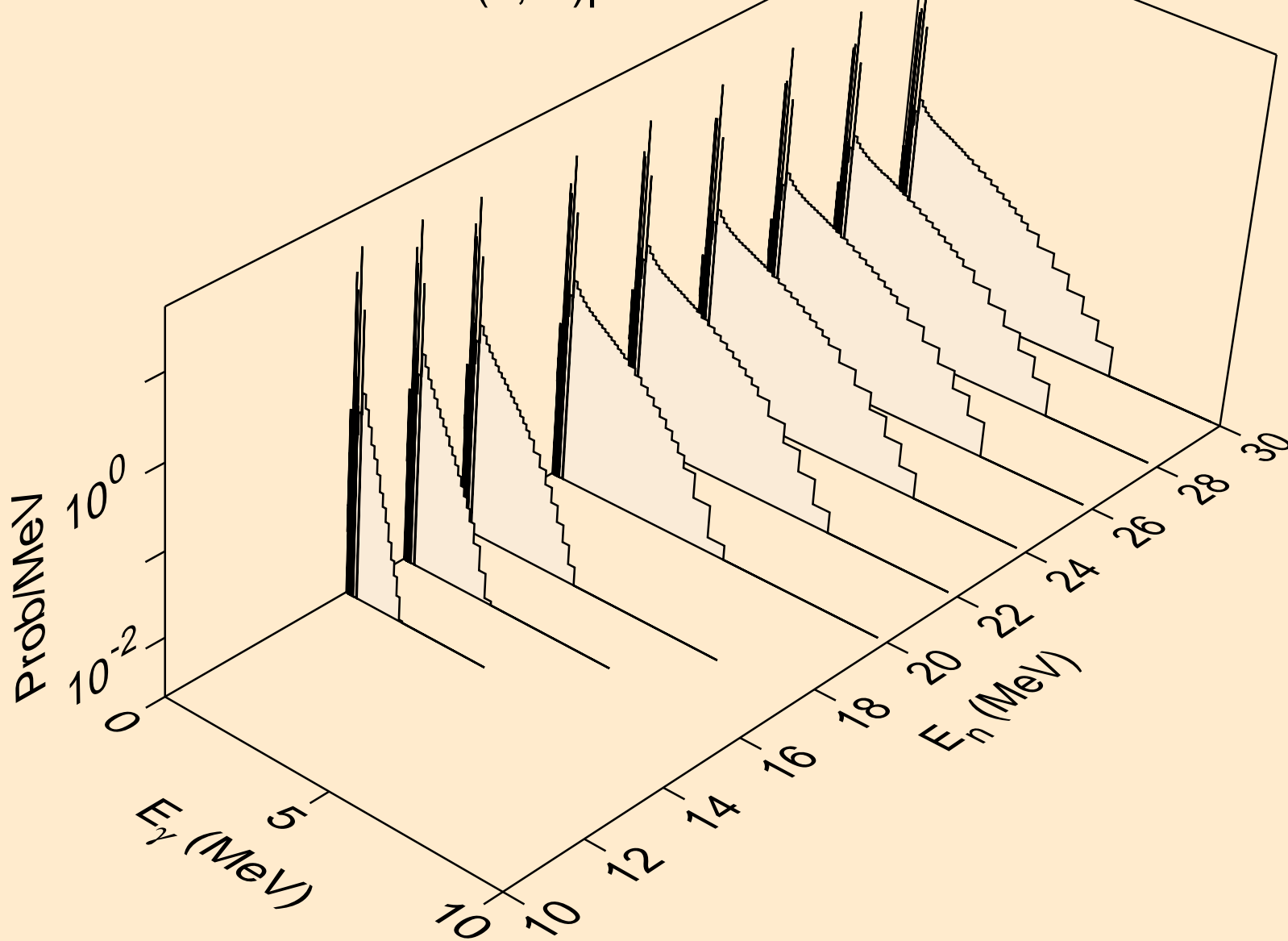
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



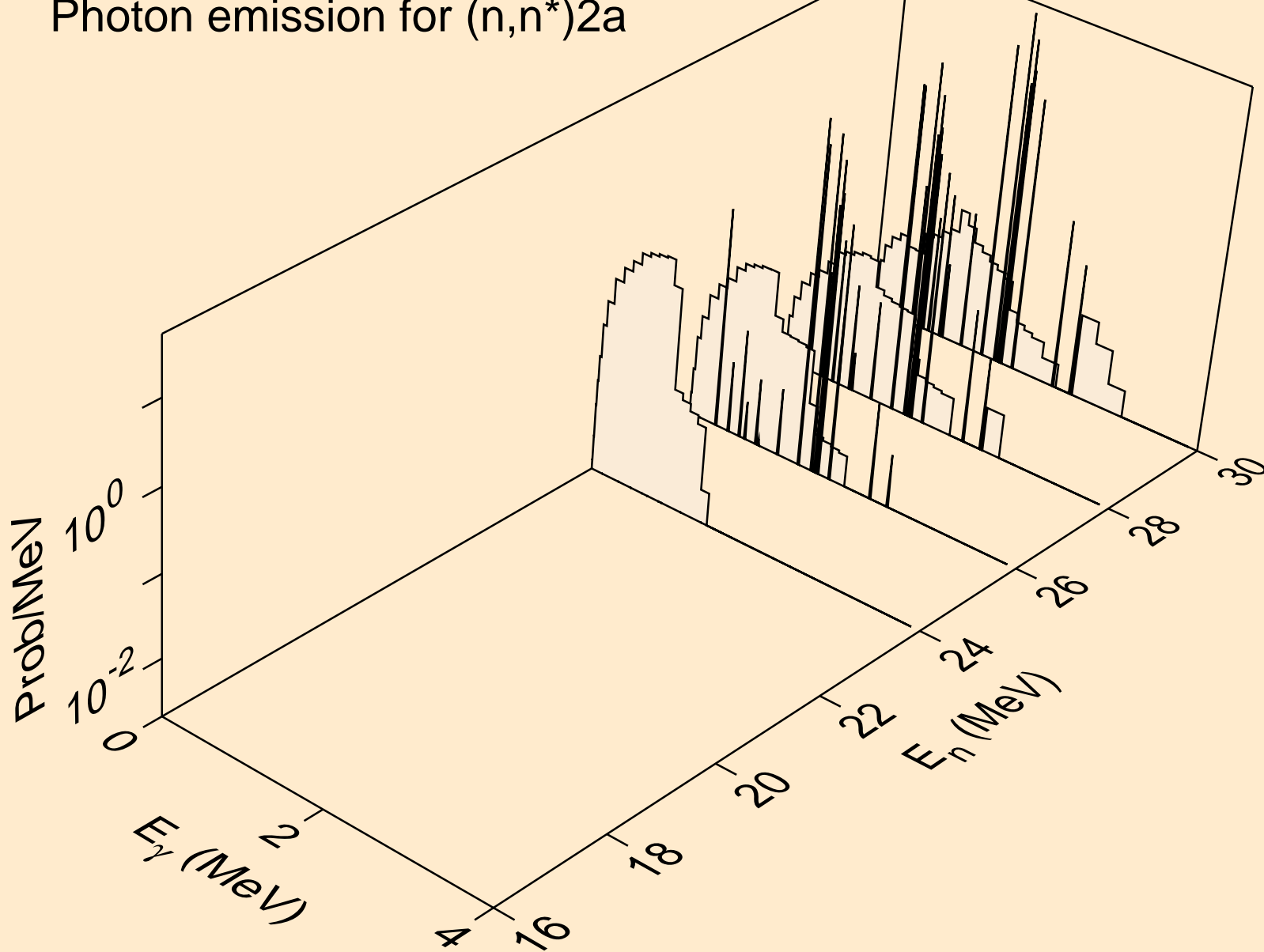
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



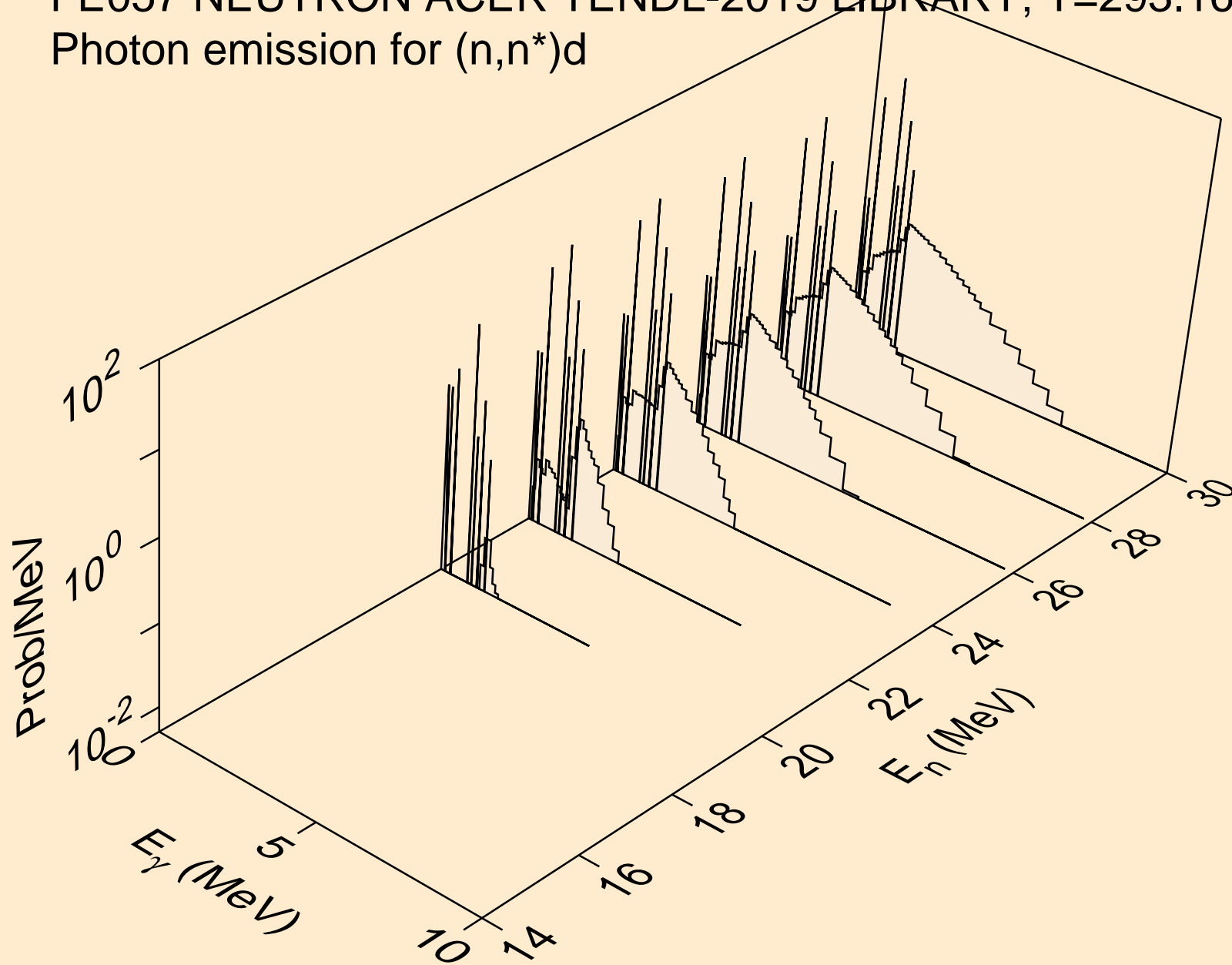
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



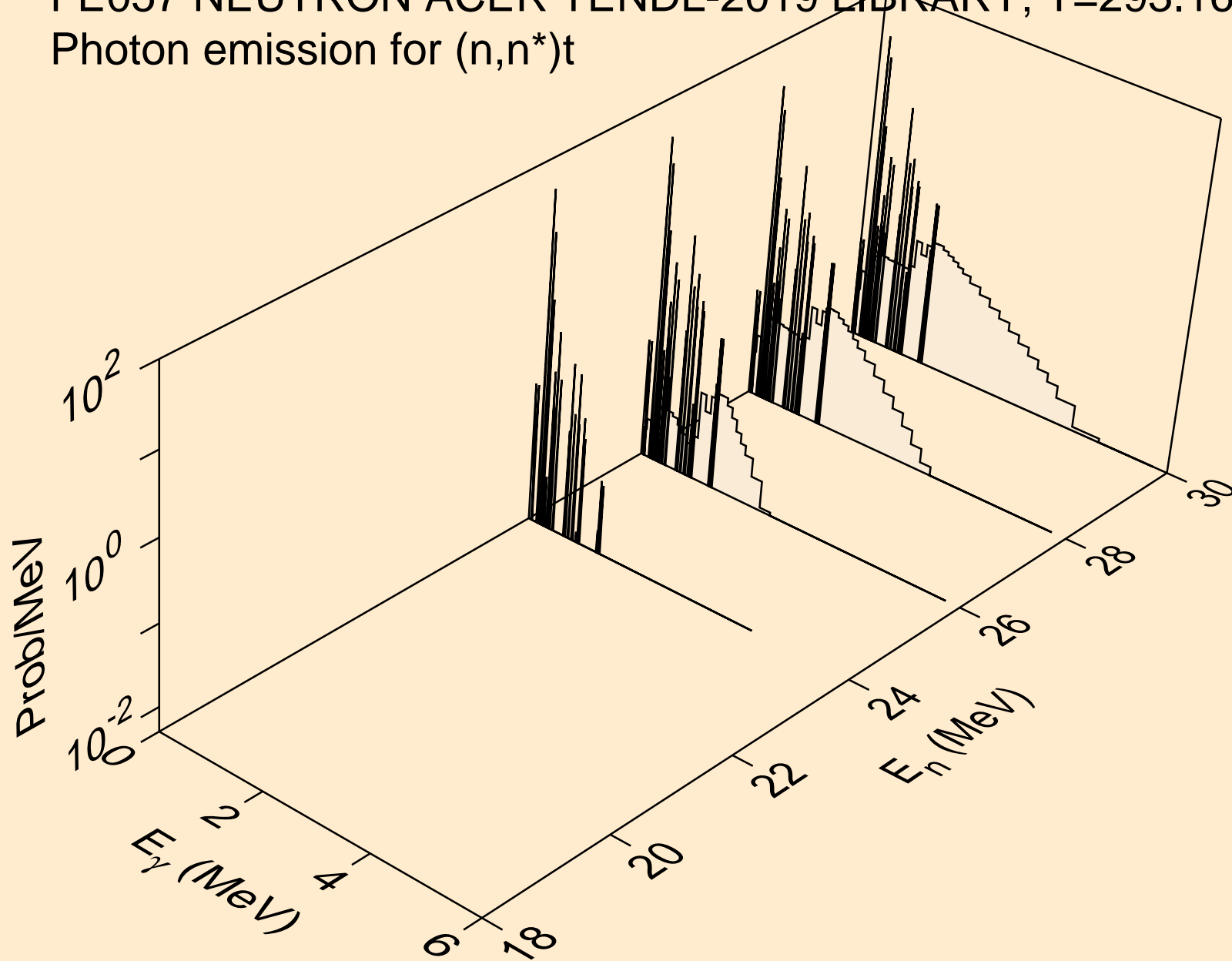
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

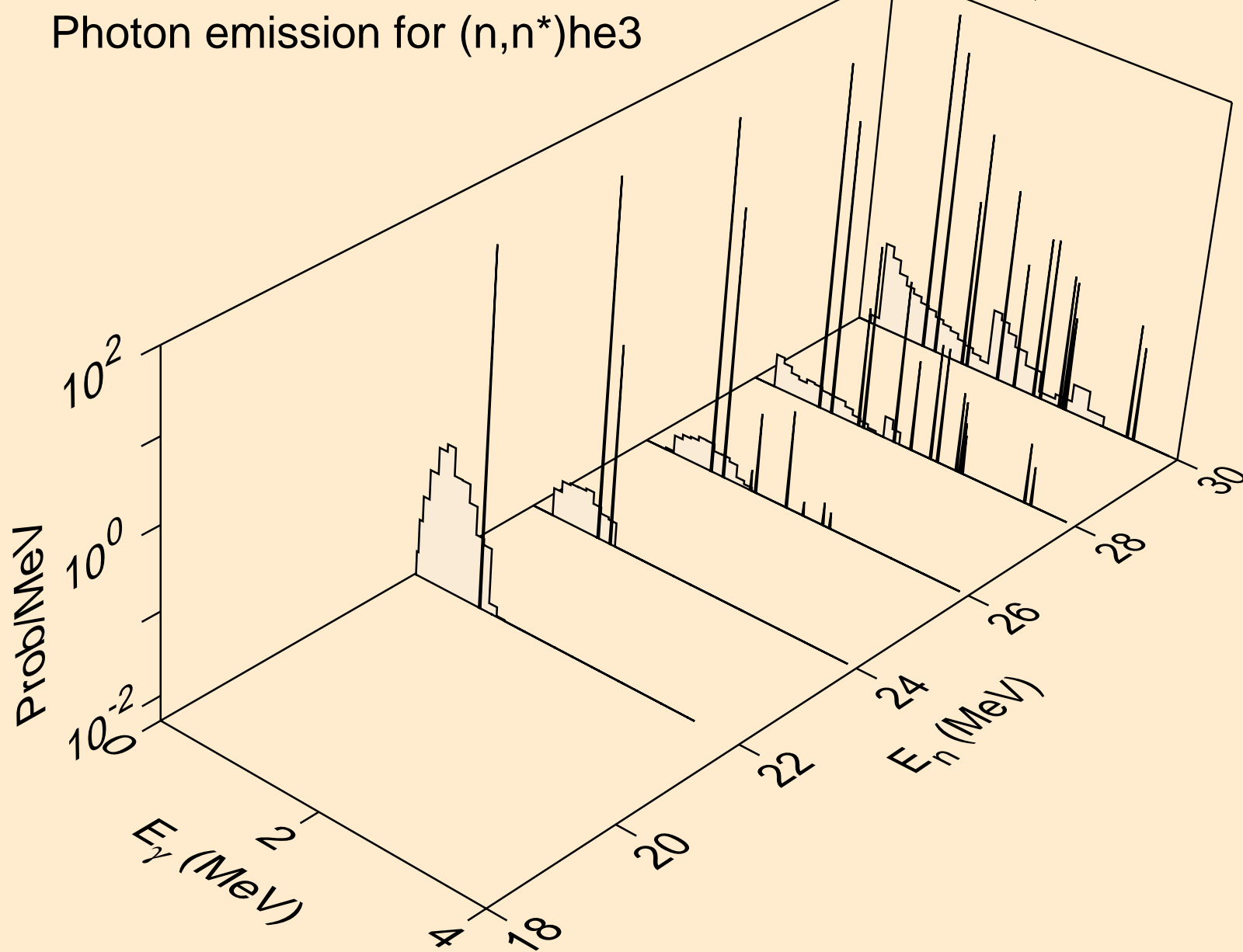


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

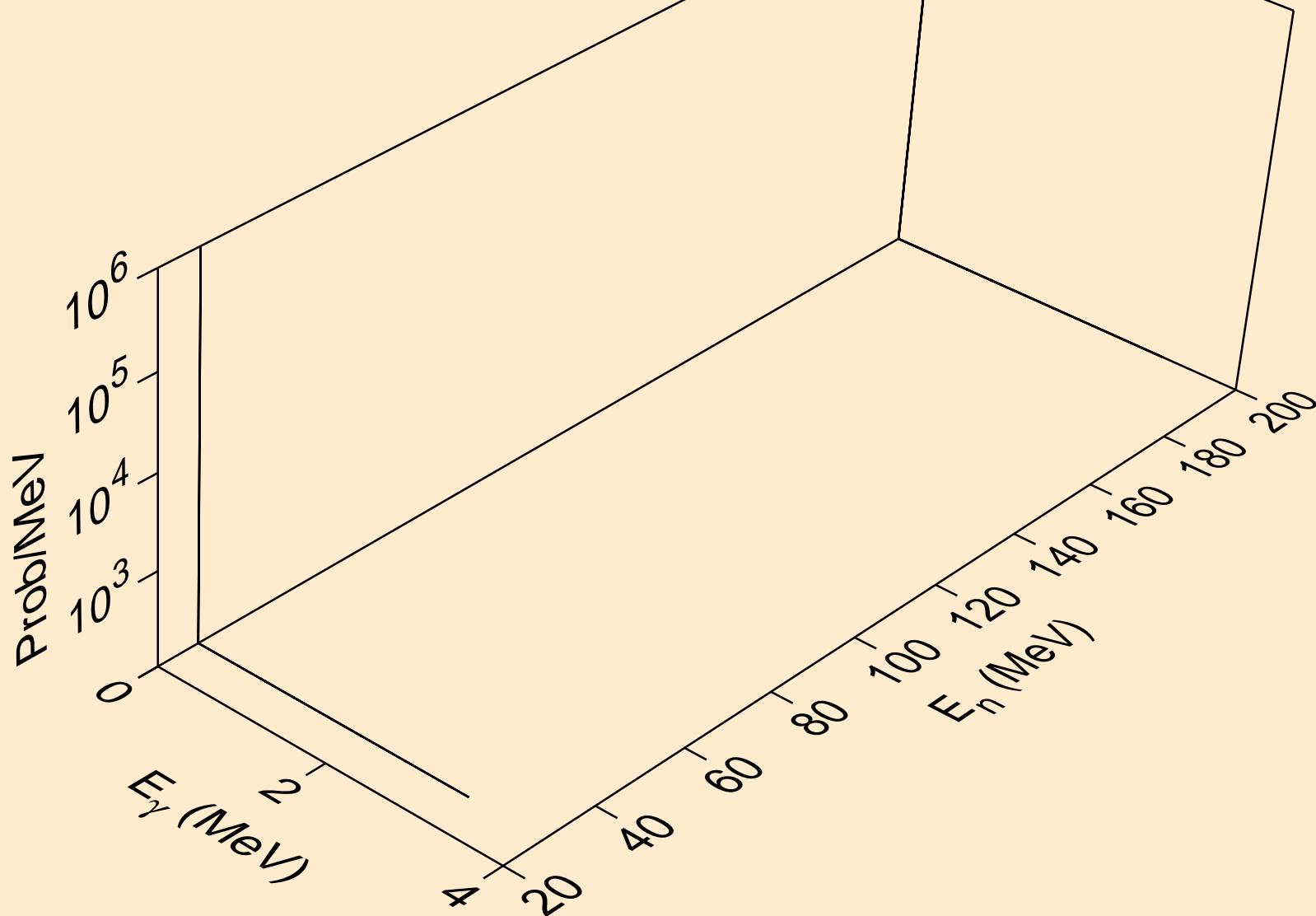




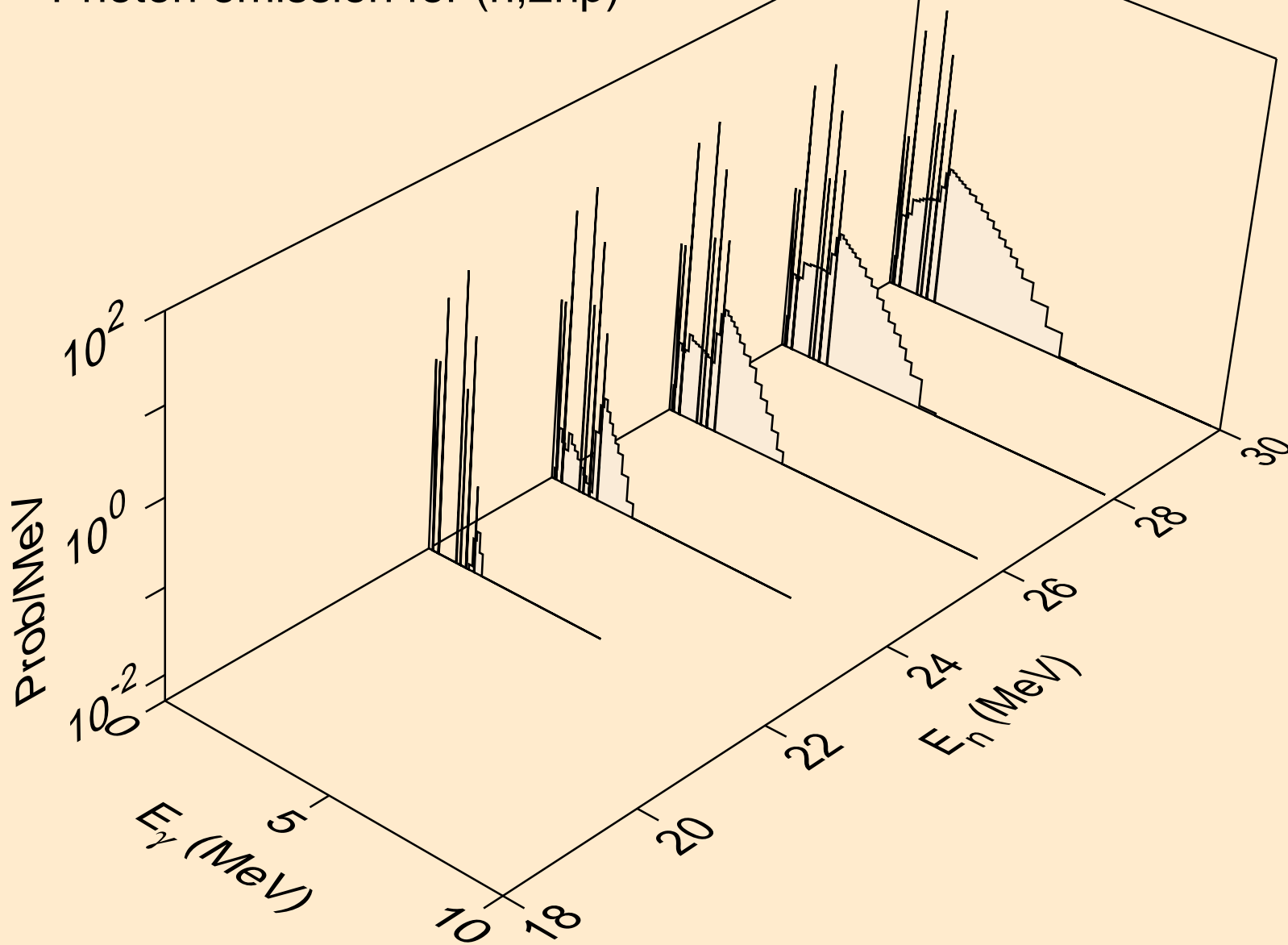
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



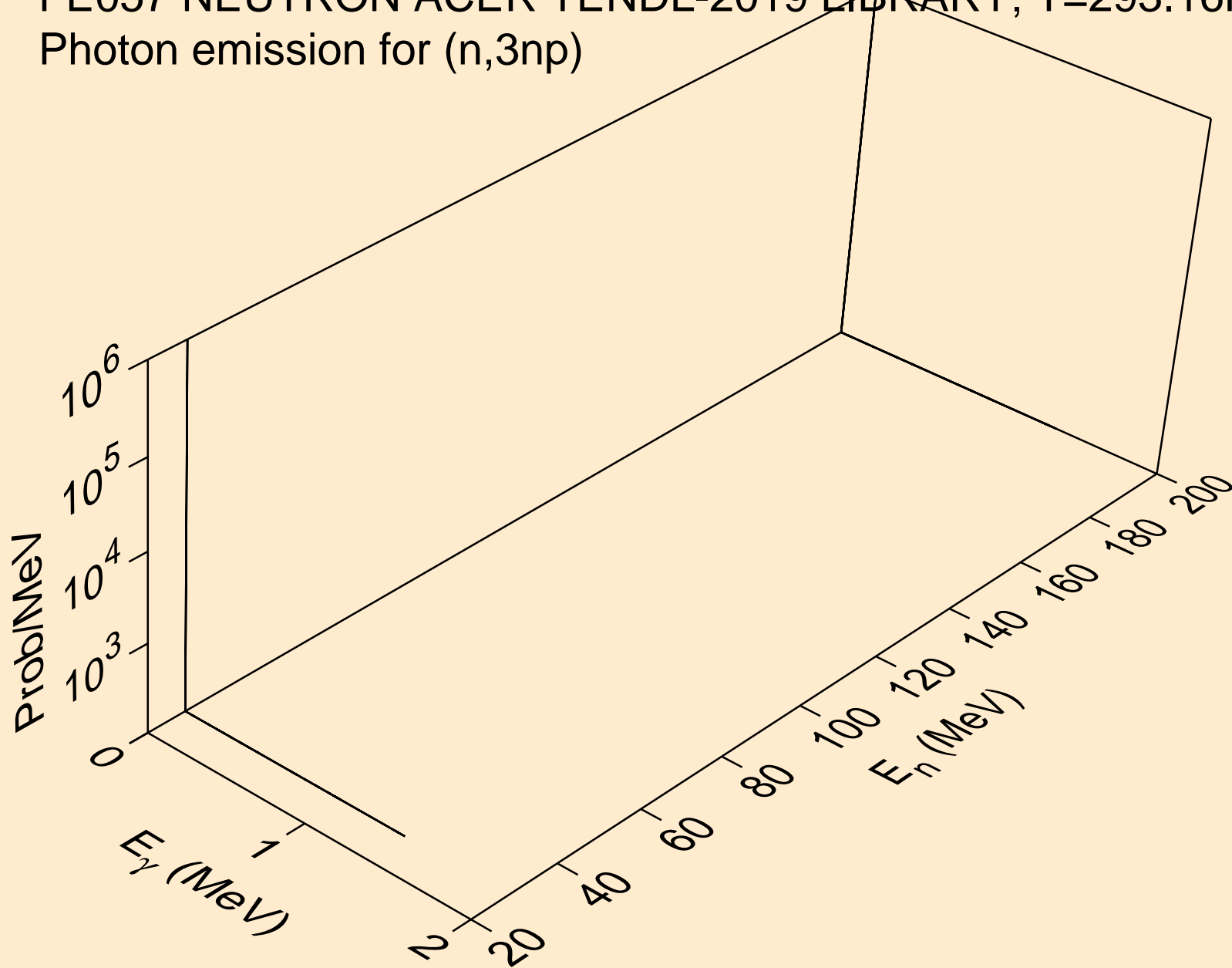
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



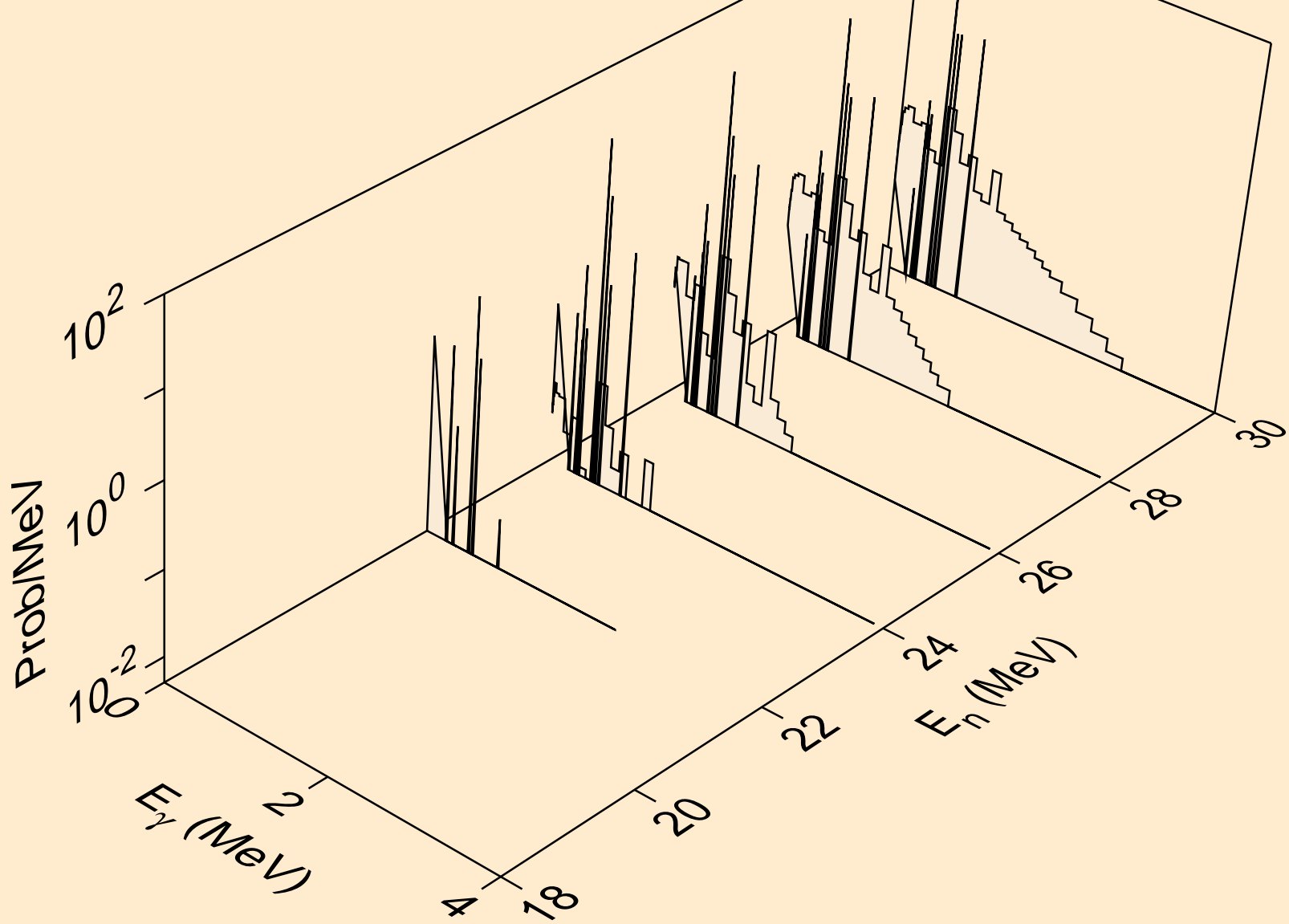
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



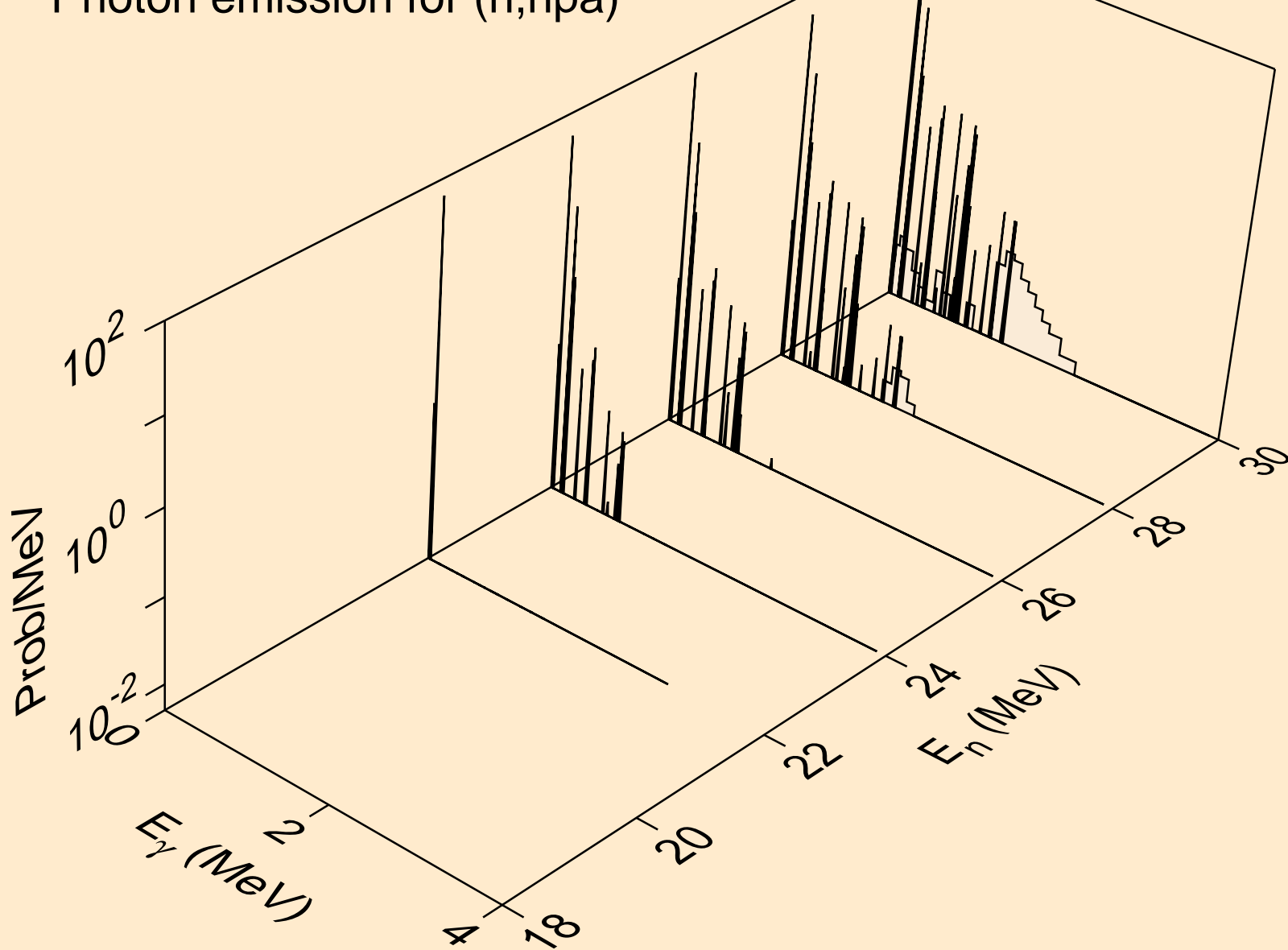
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



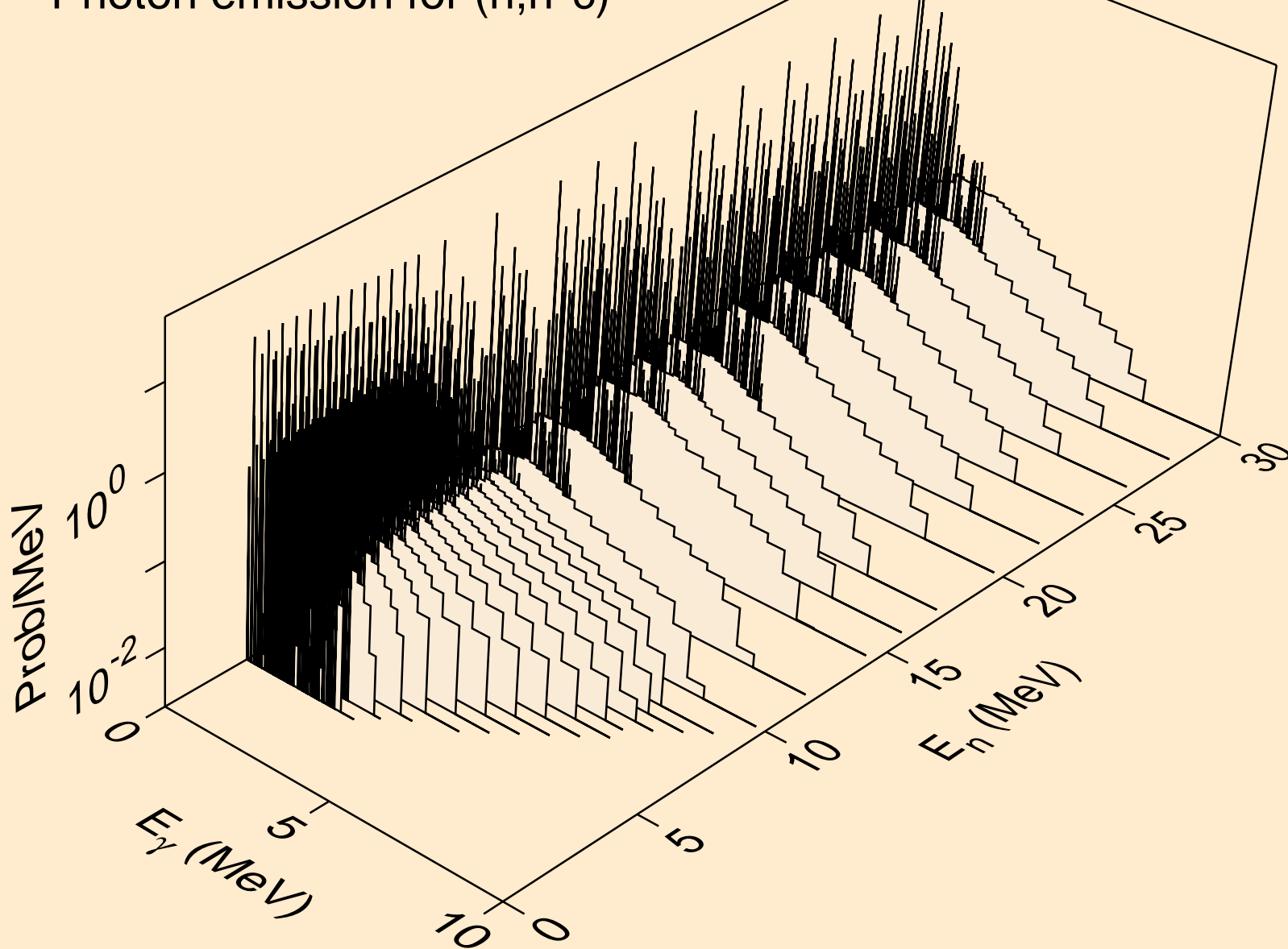
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



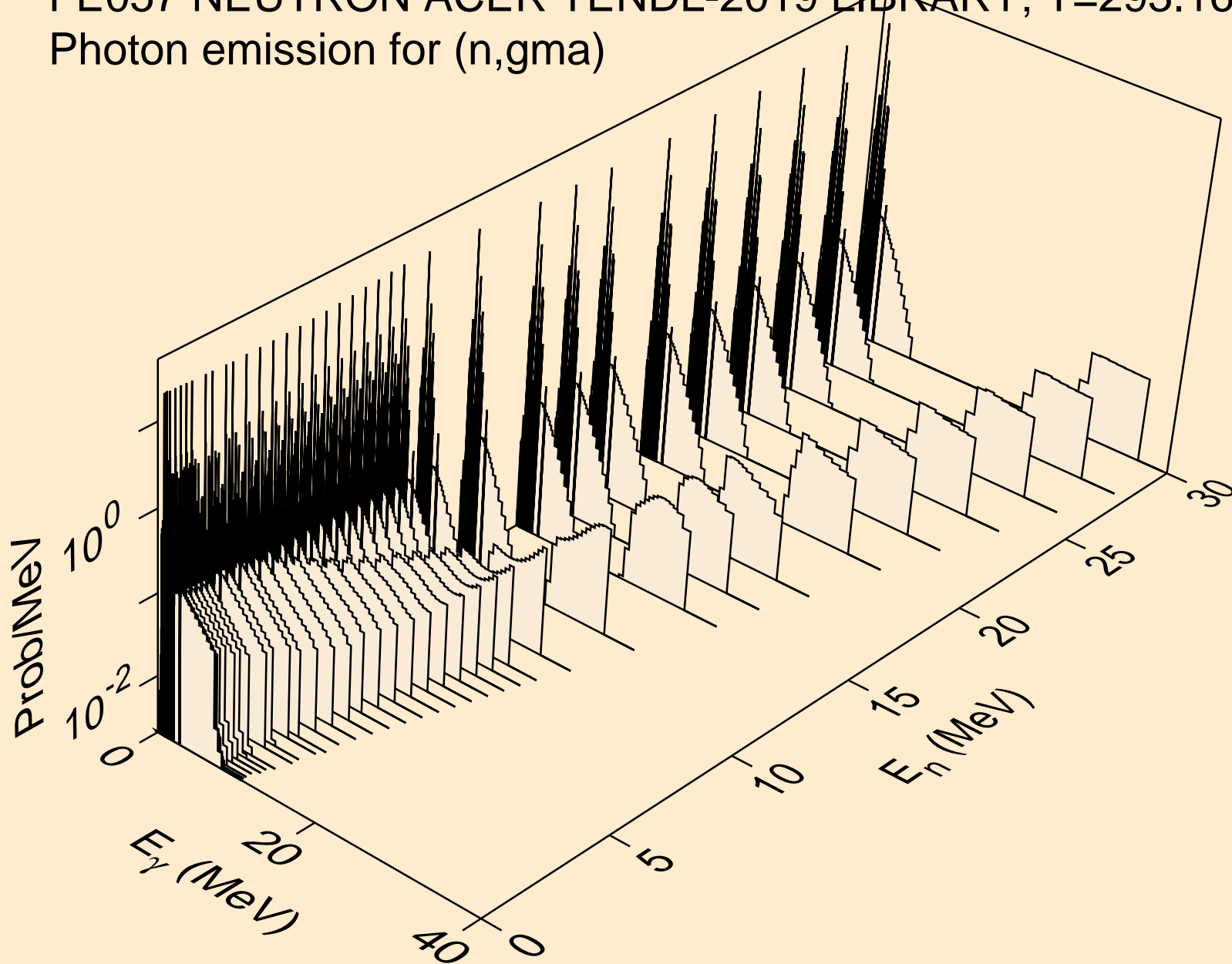
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

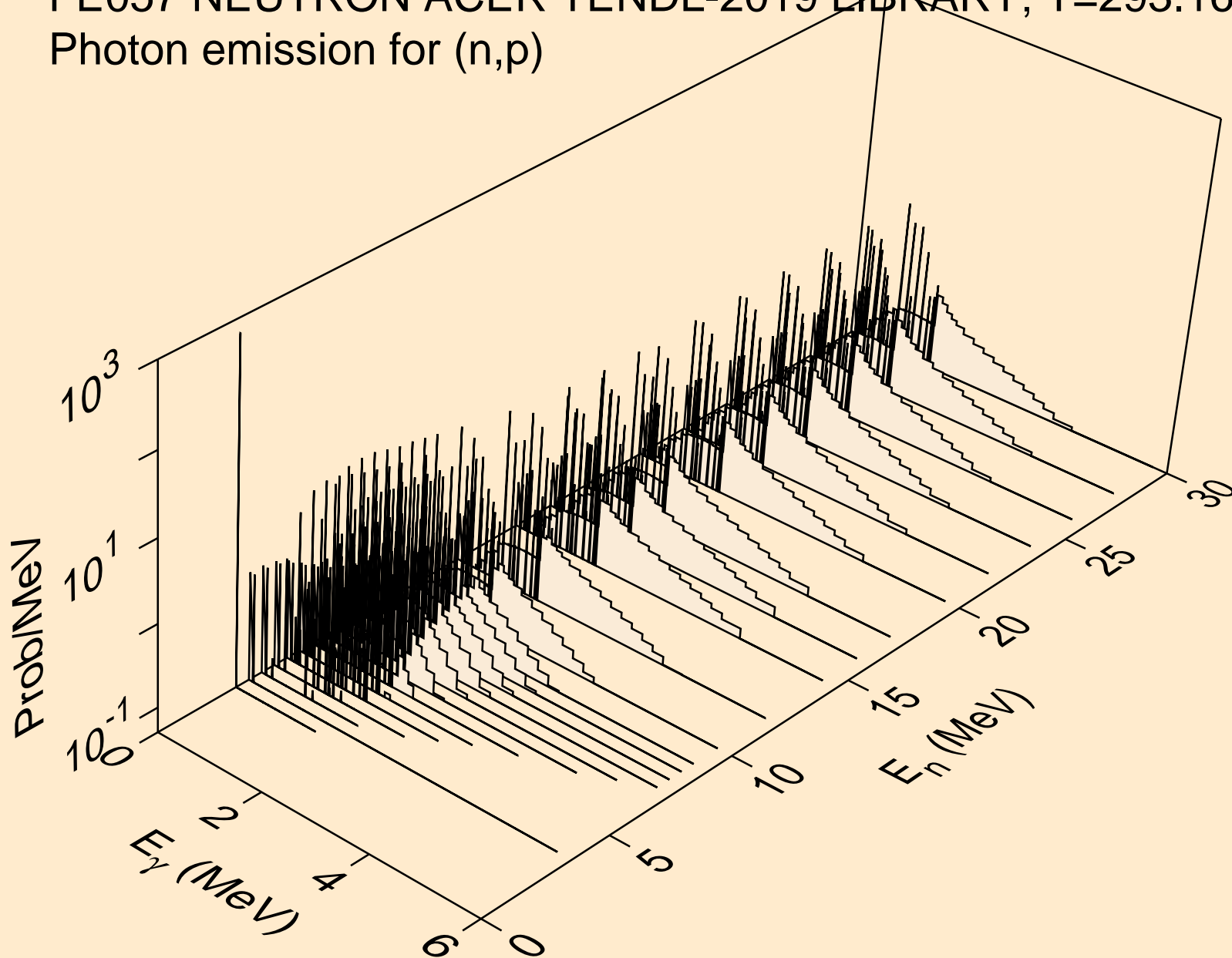


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

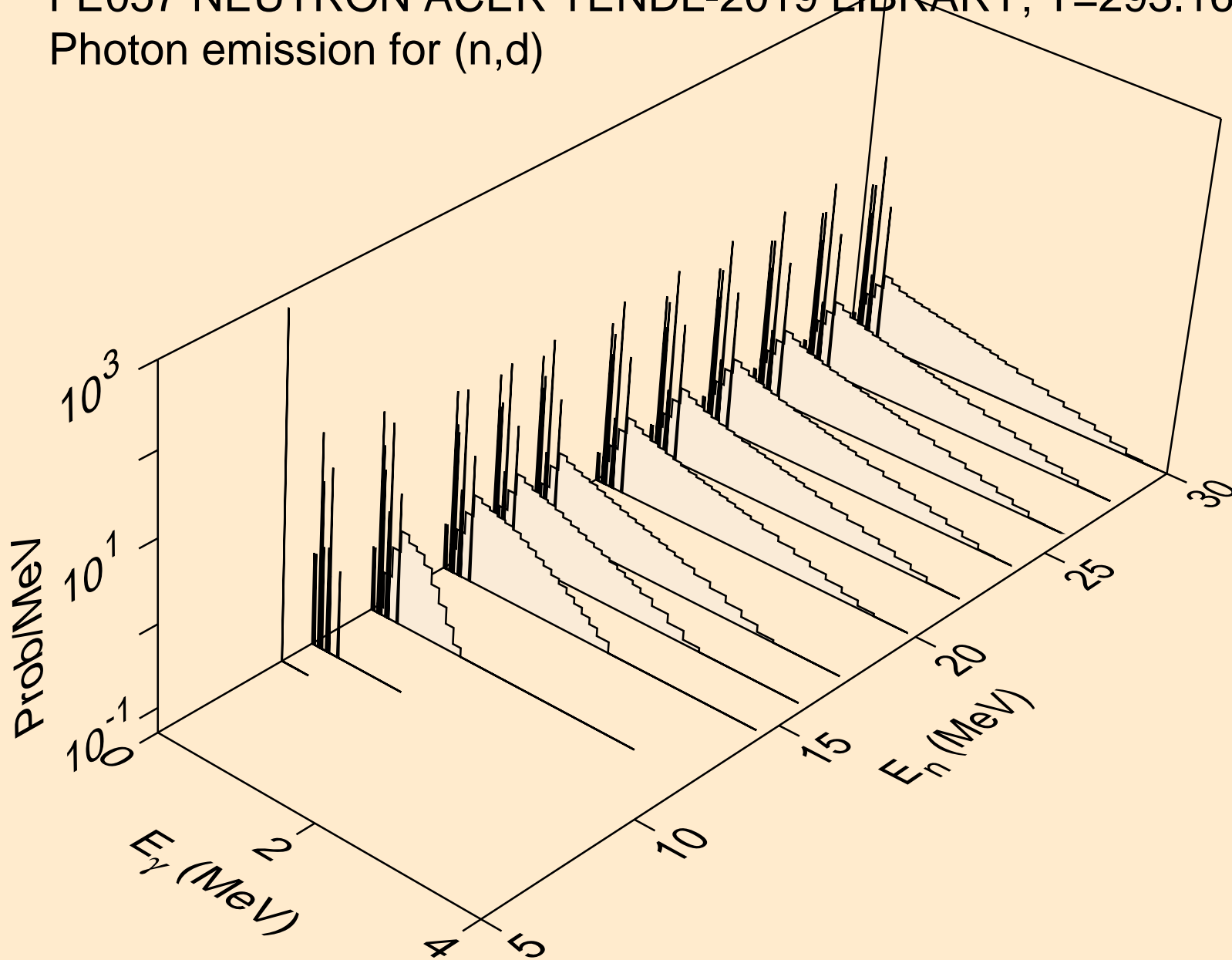




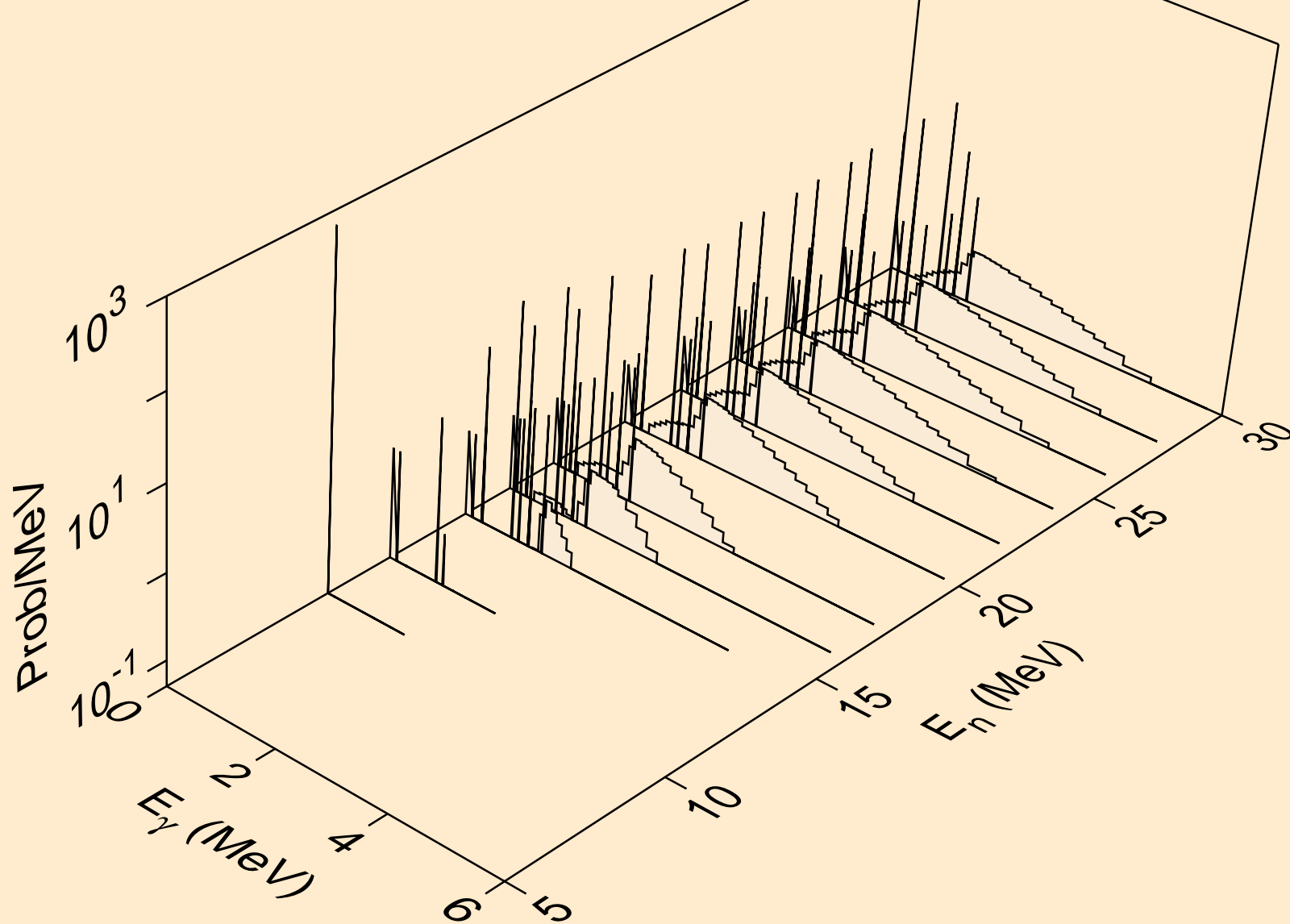
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



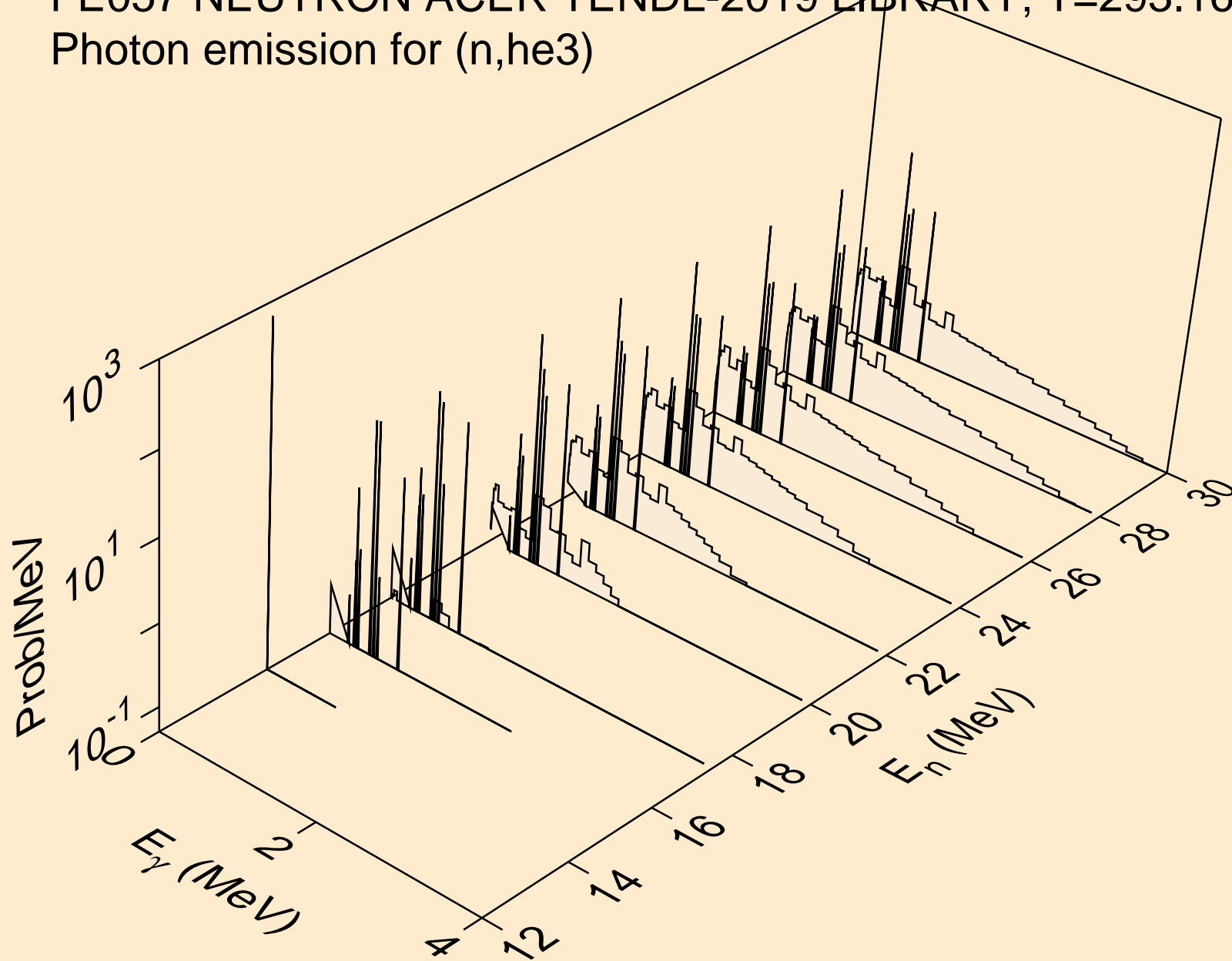
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



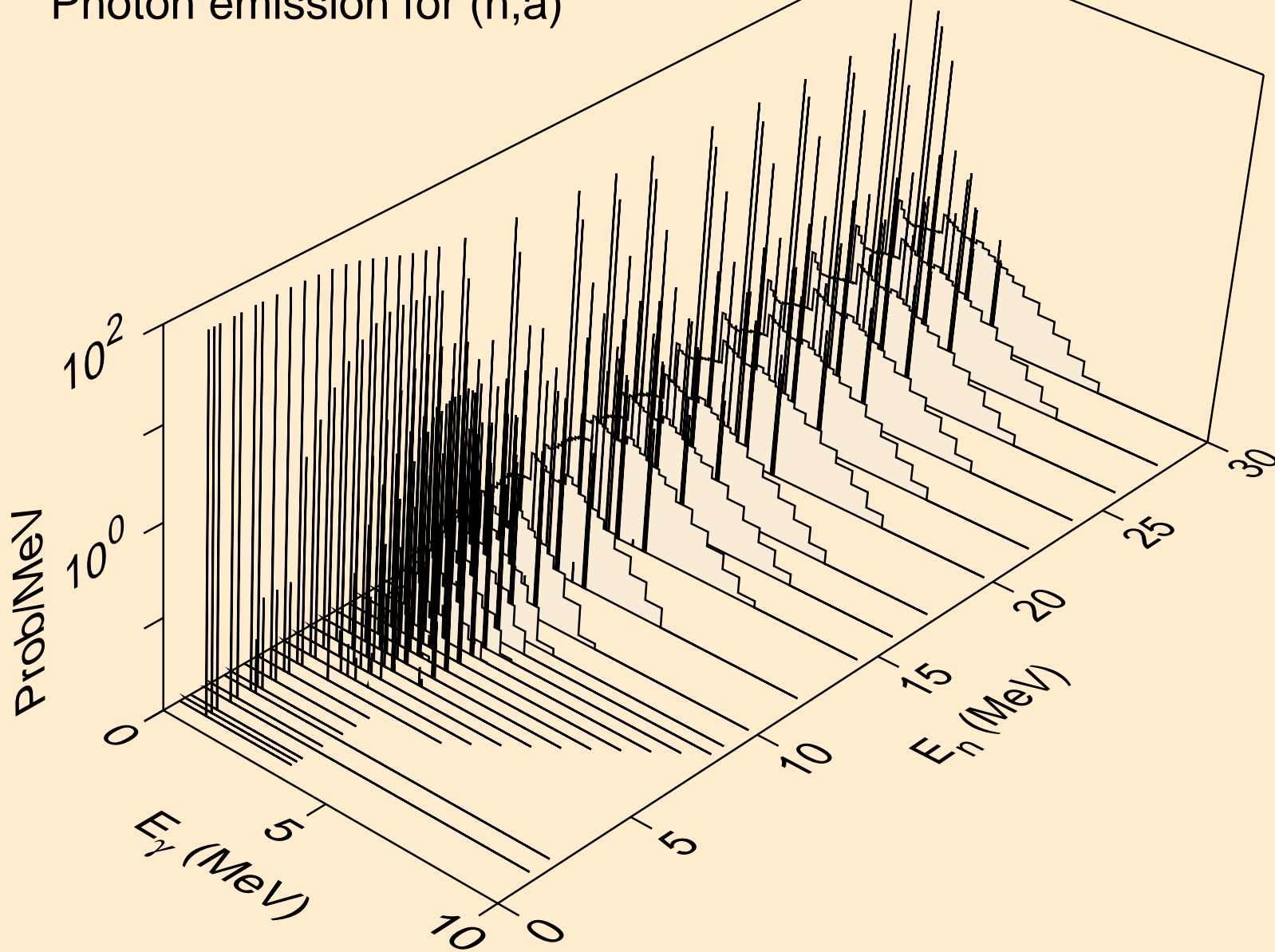
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



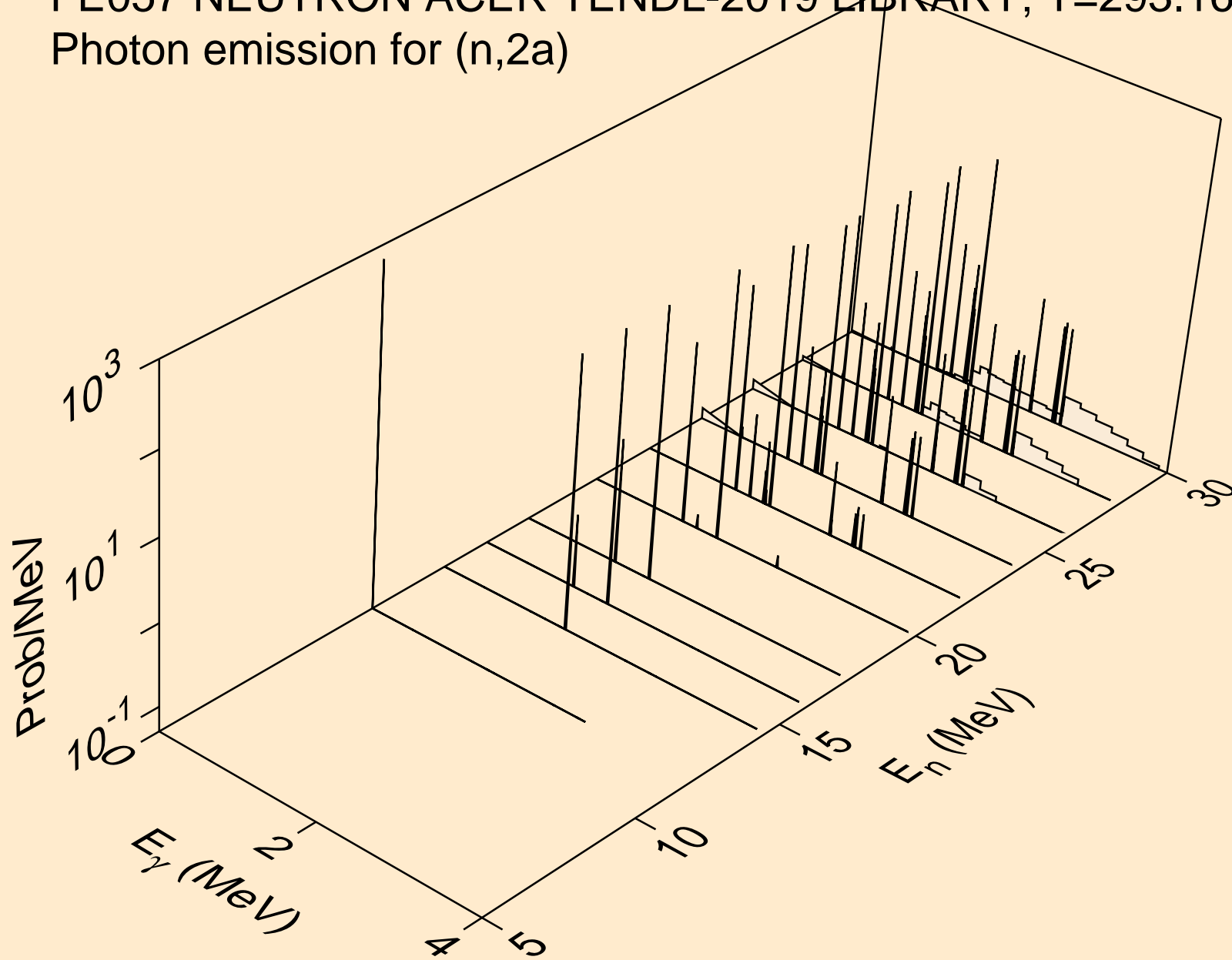
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



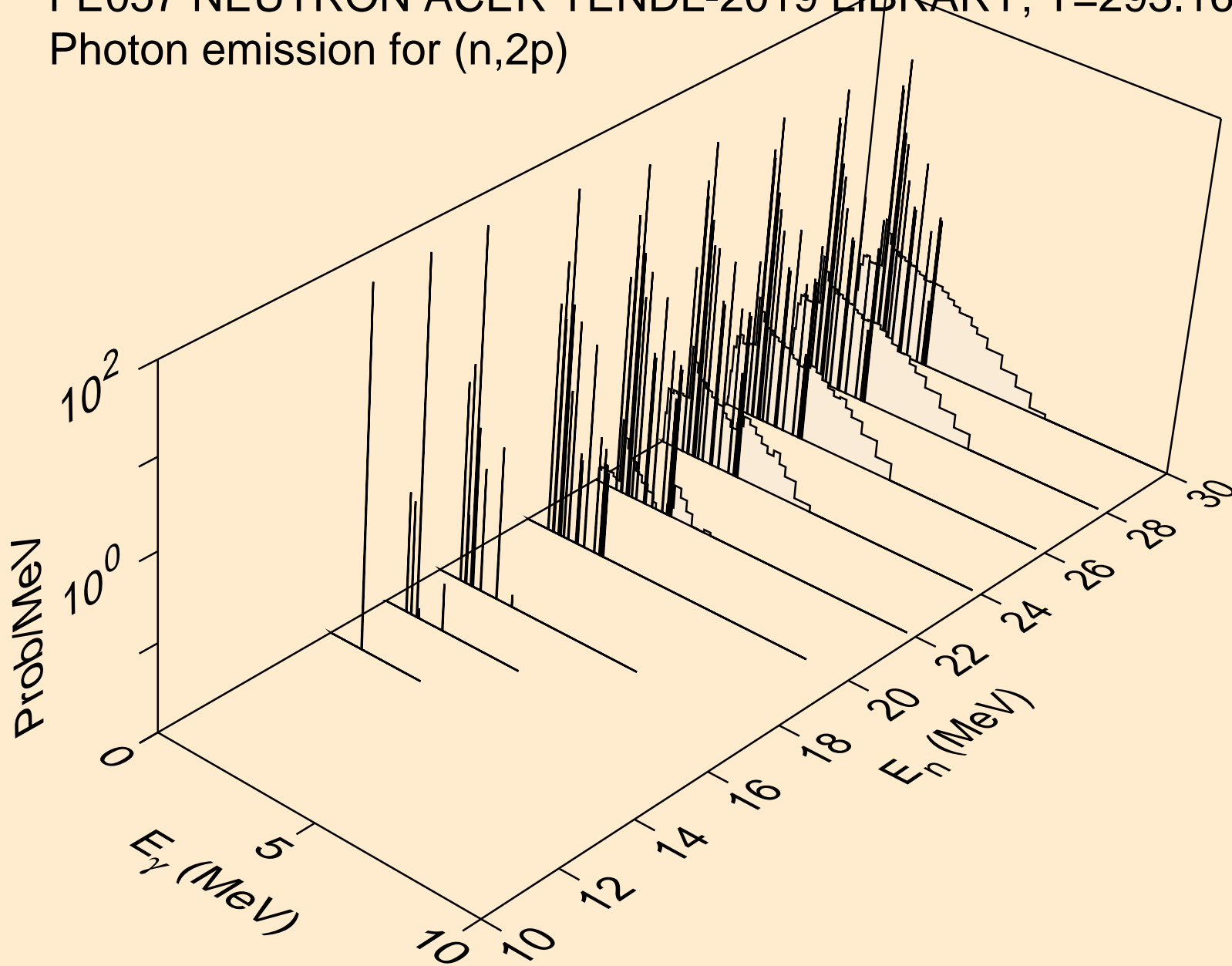
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



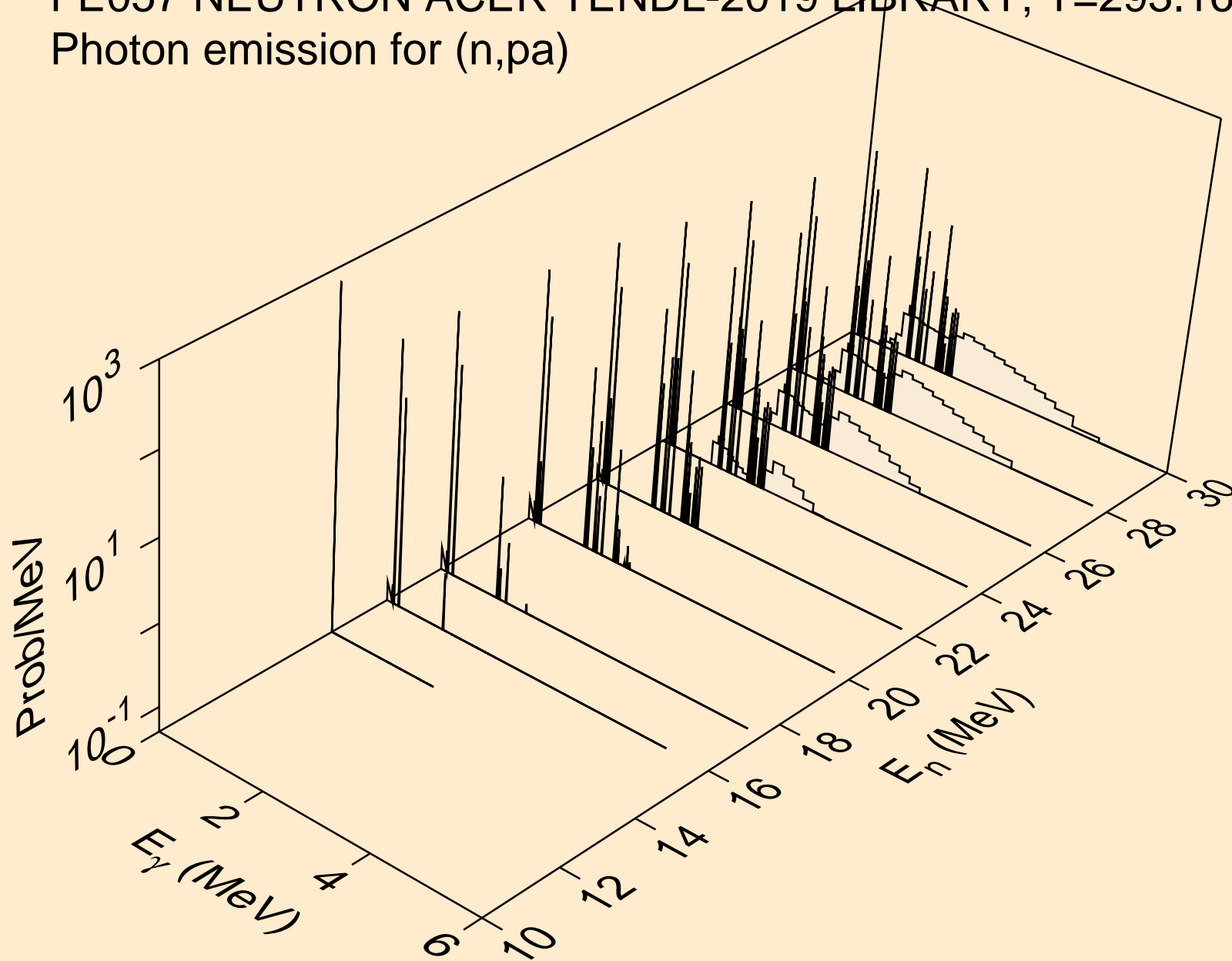
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

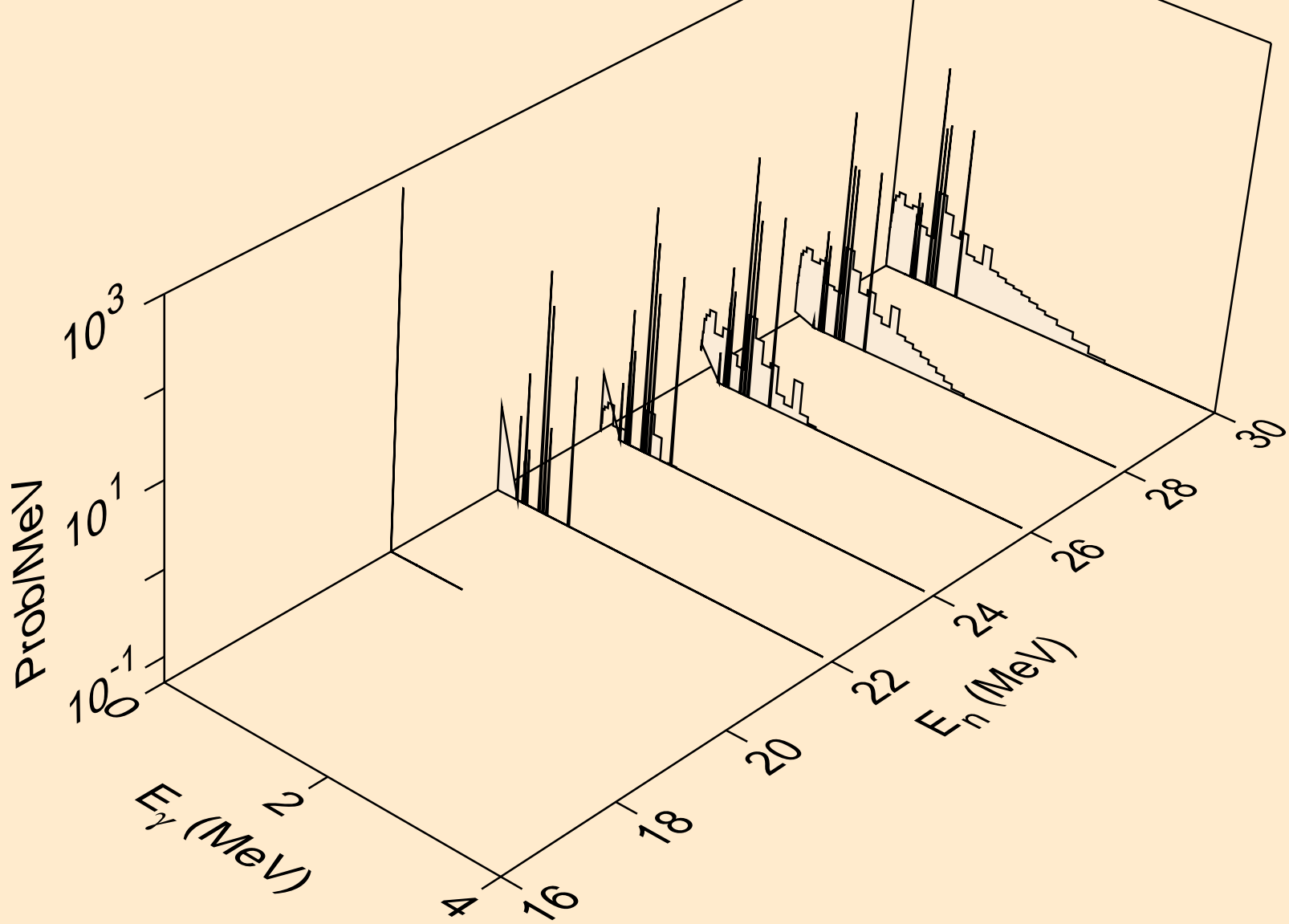


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

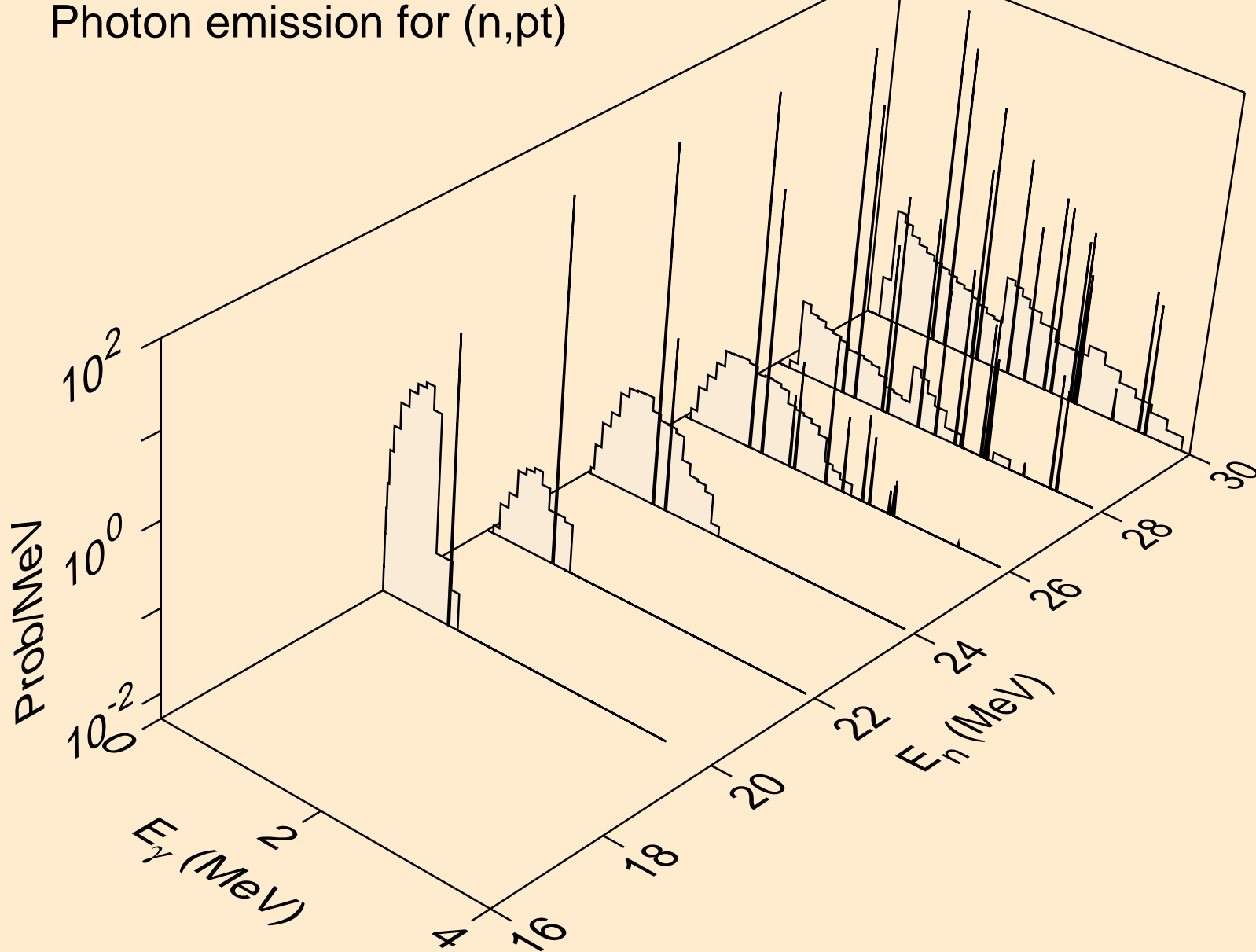




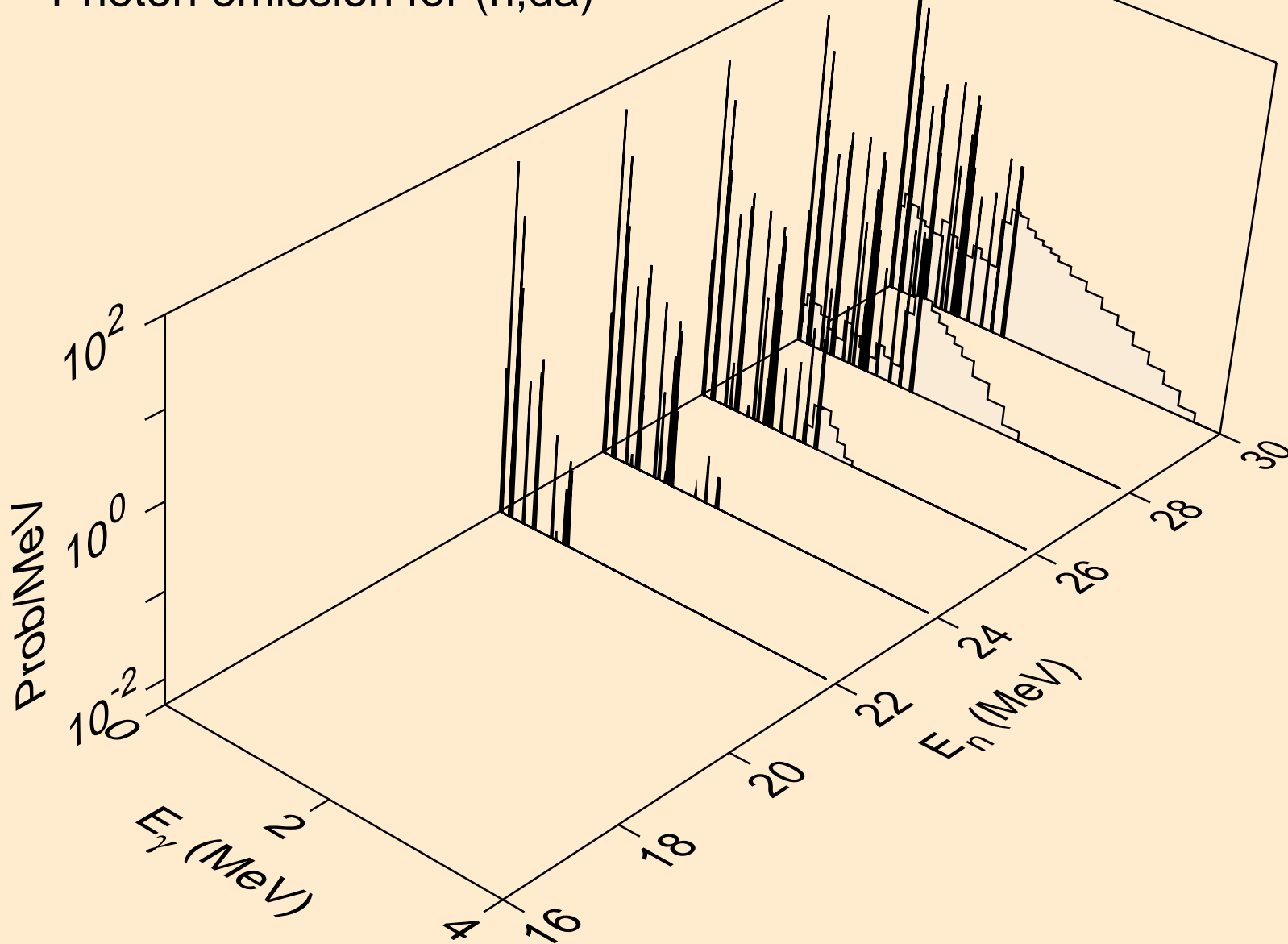
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



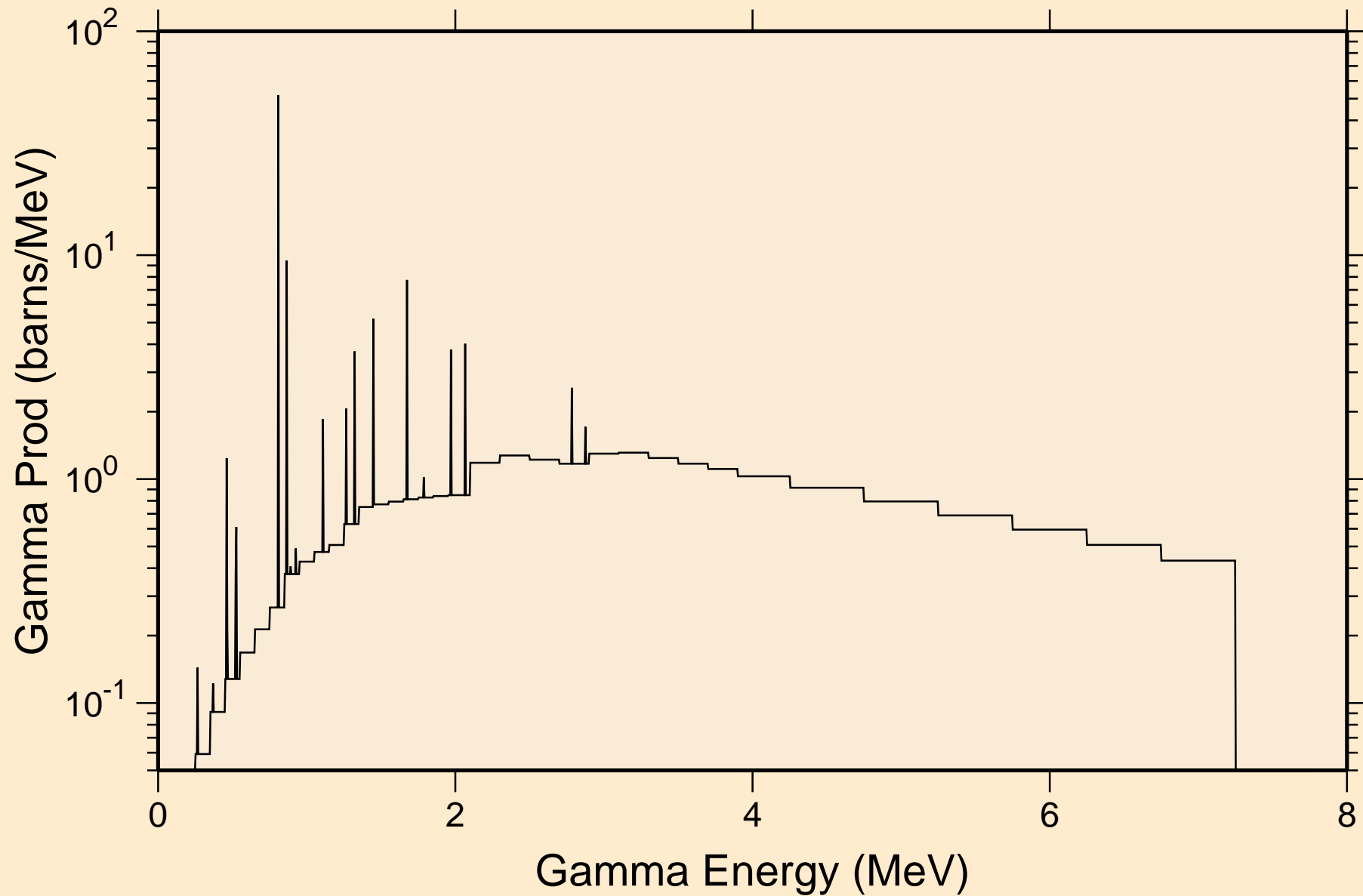
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



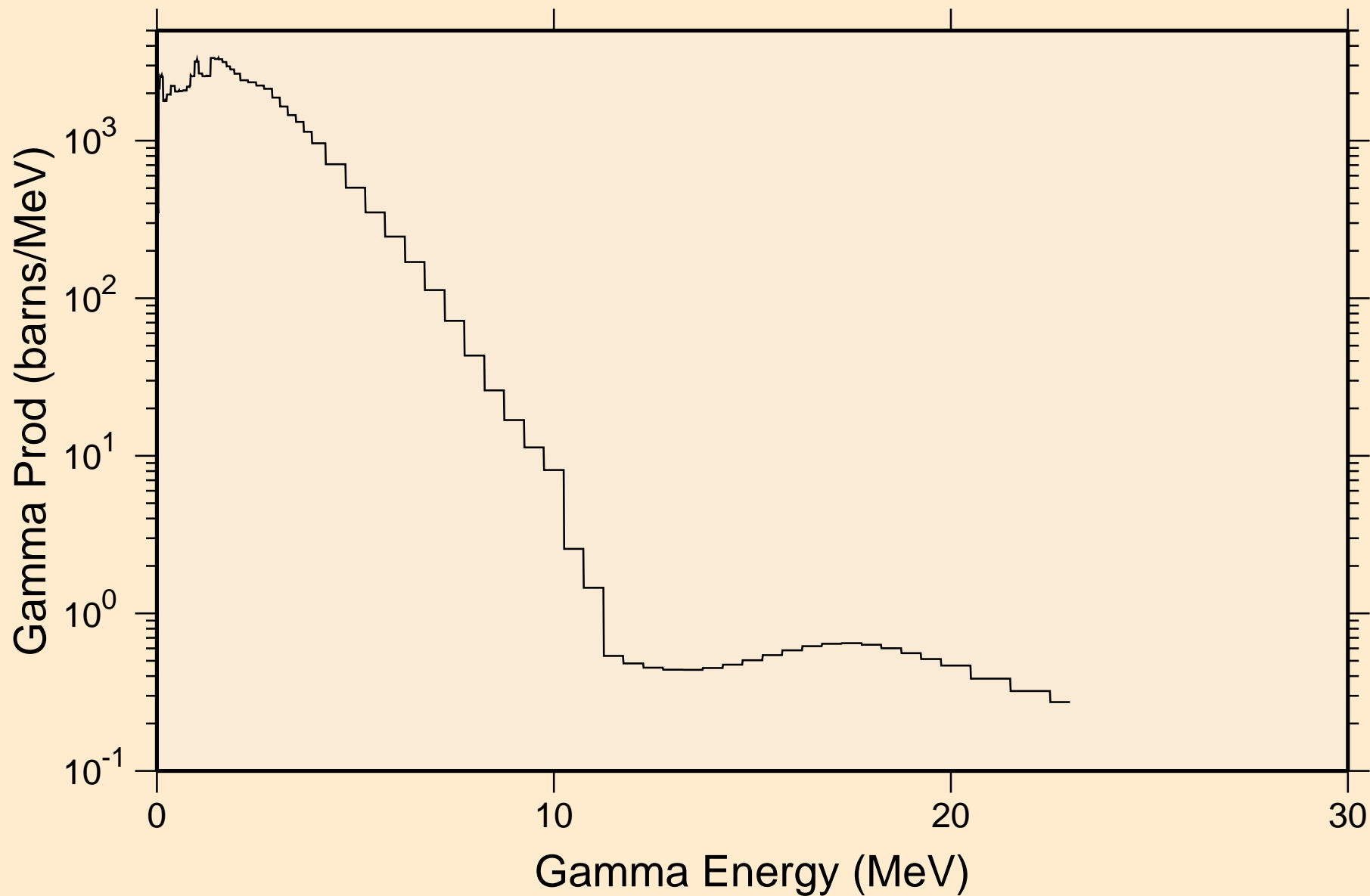
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

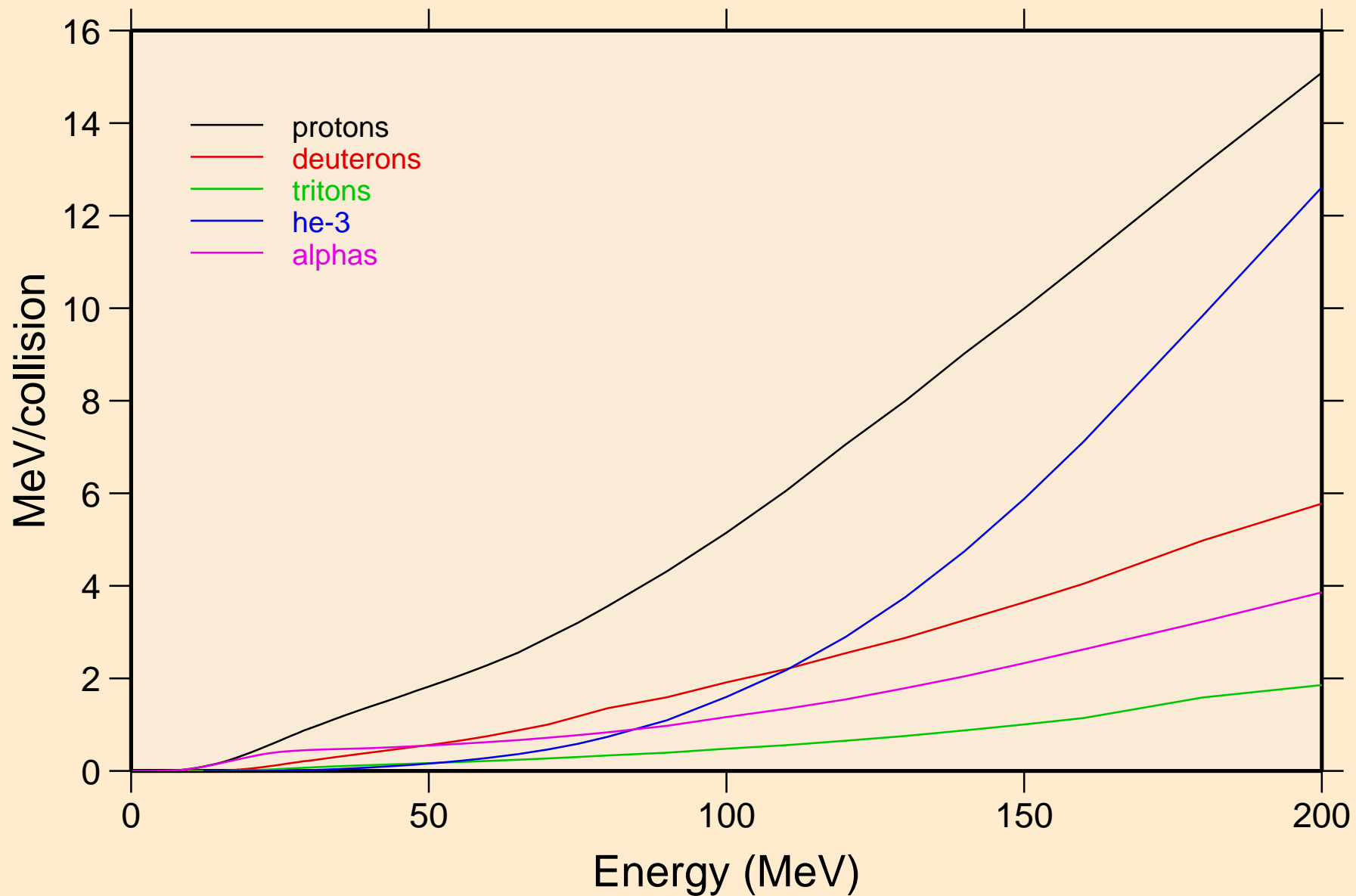


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

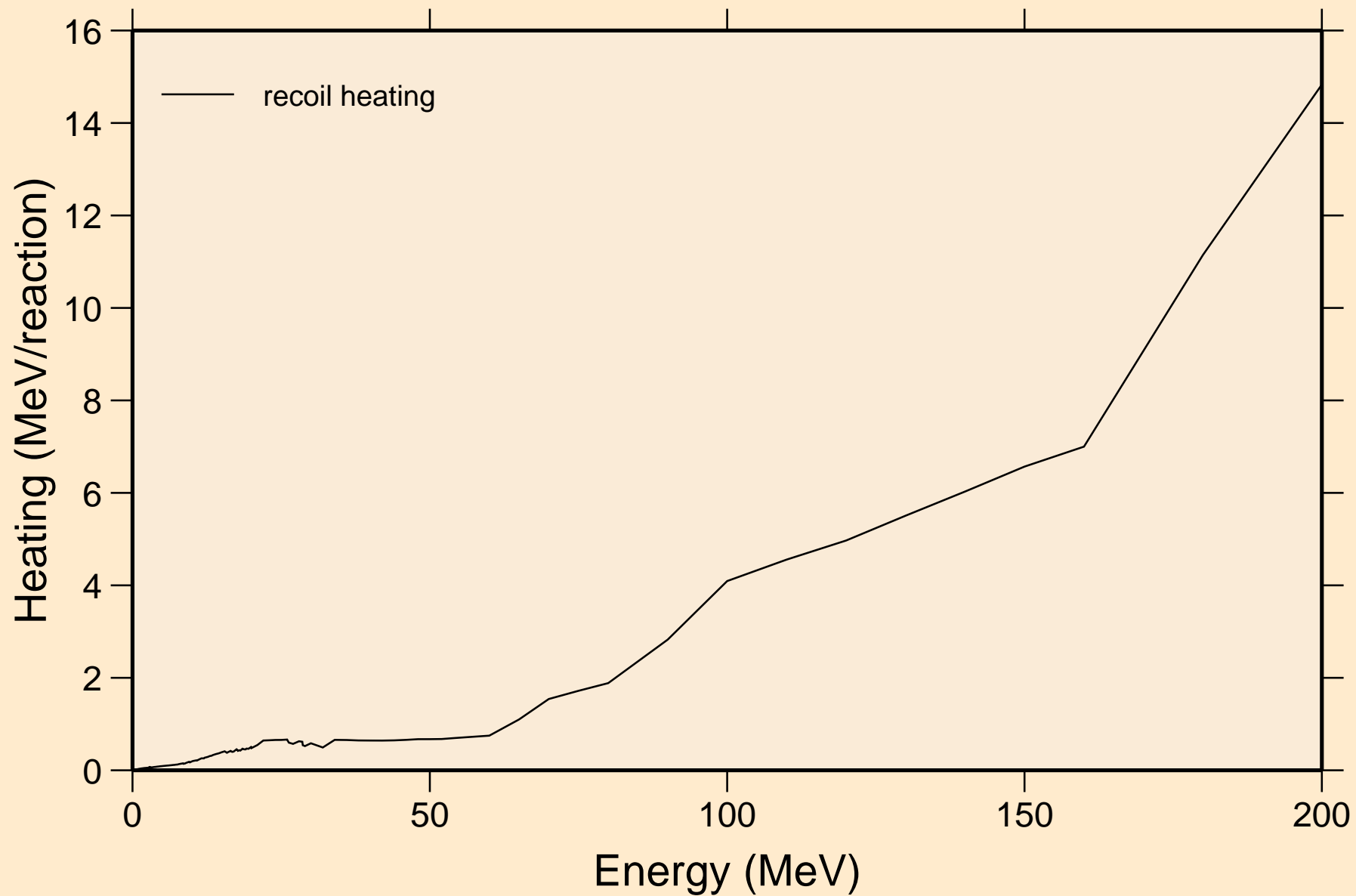


# FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

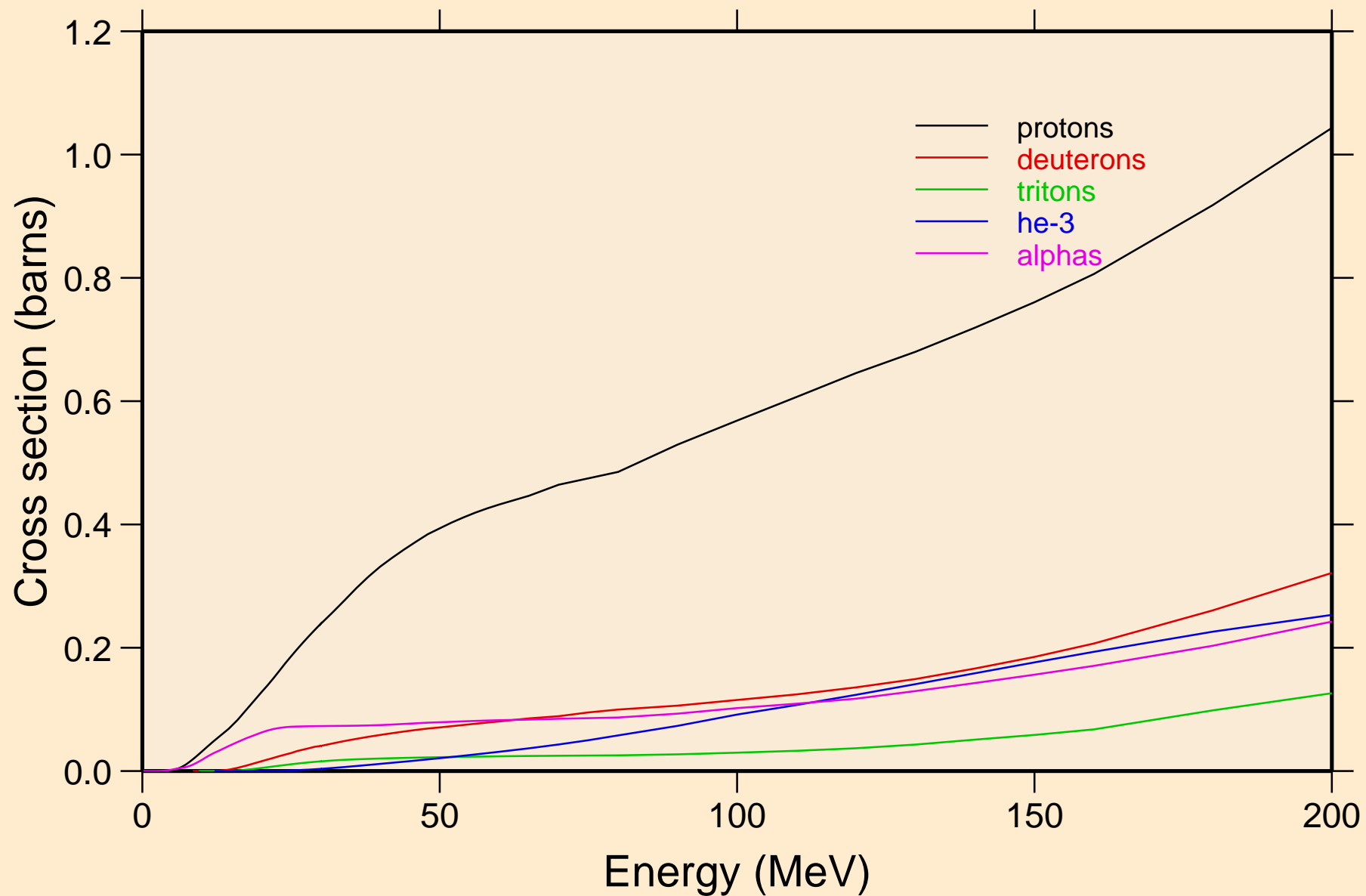
## Particle heating contributions



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

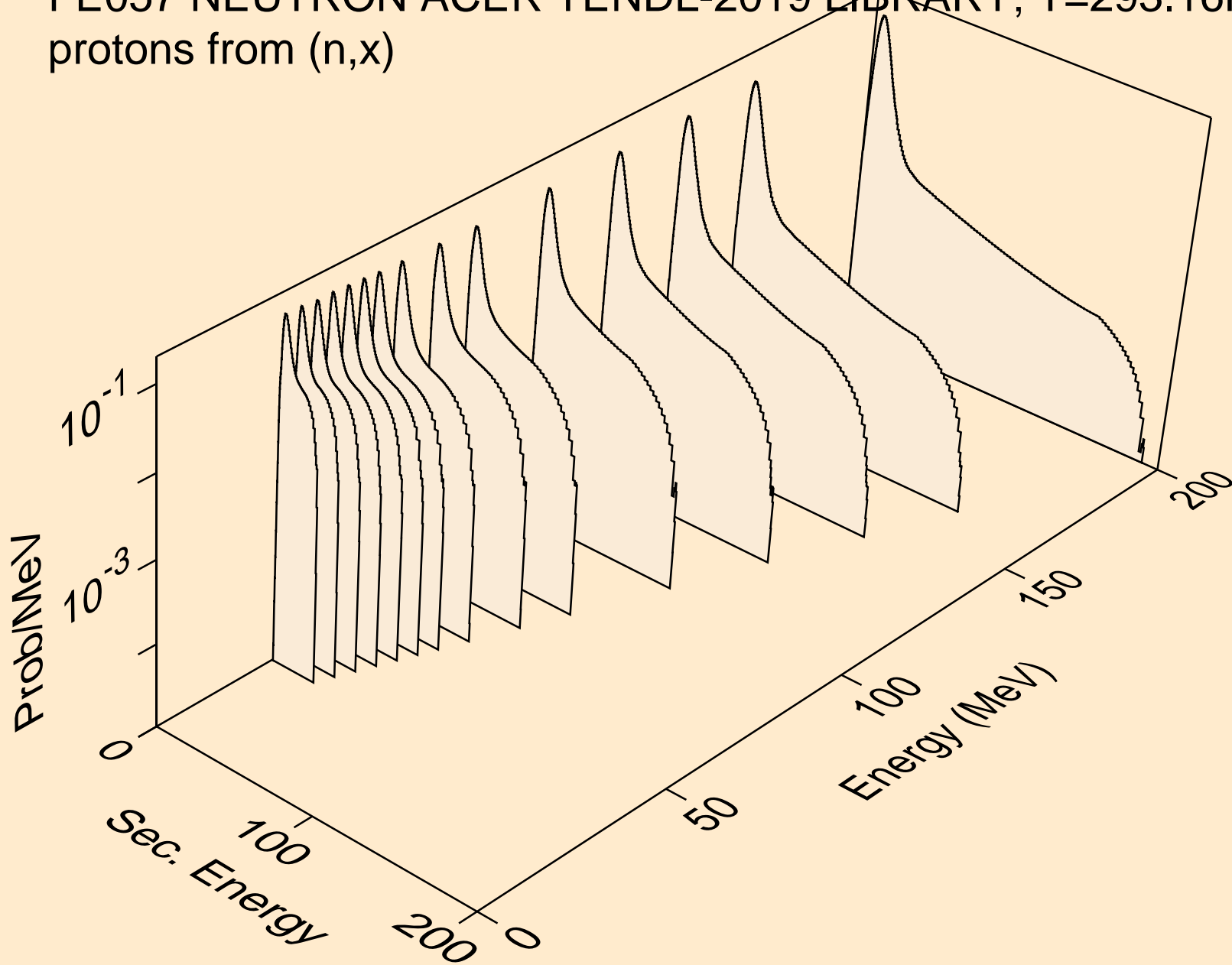


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

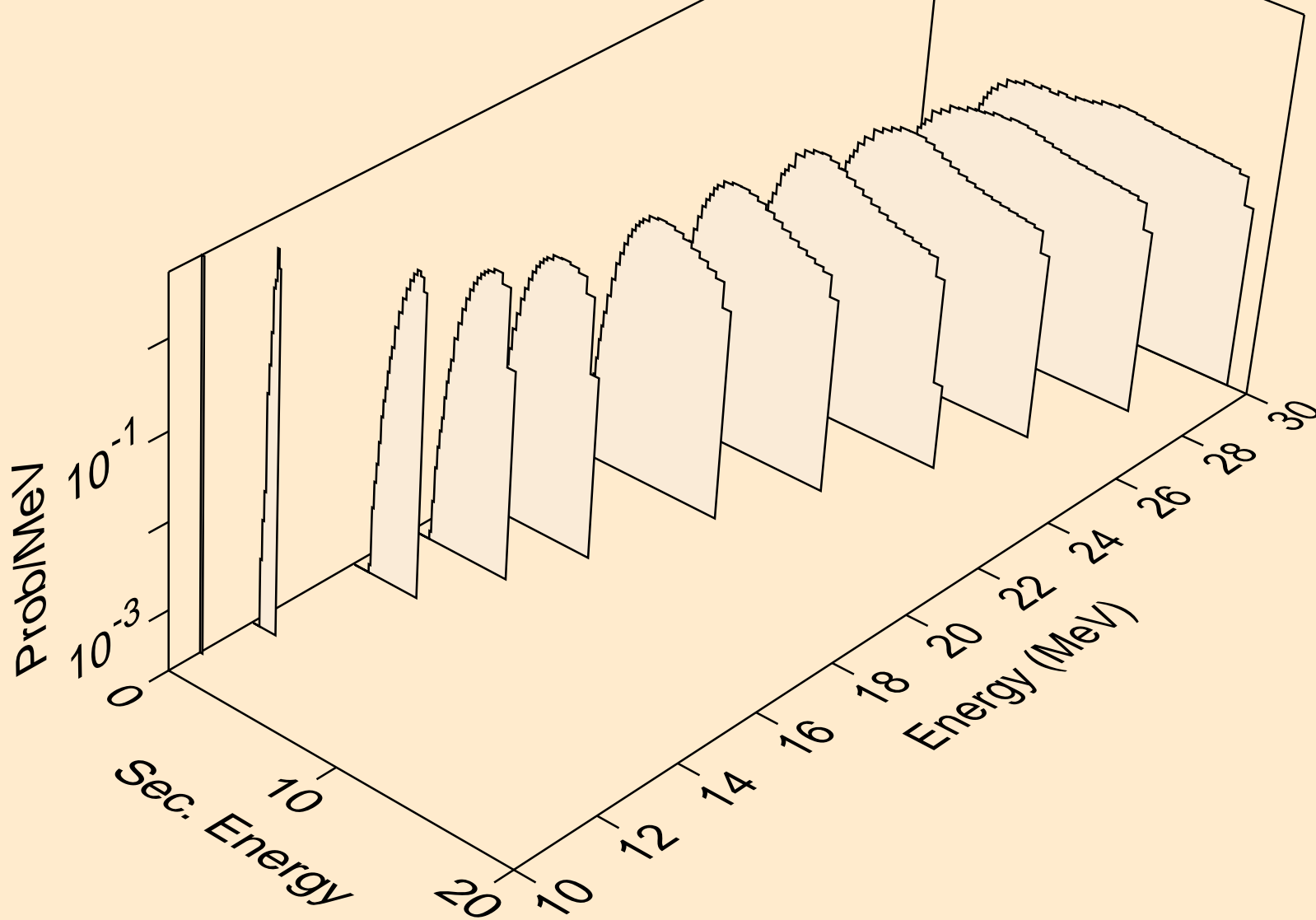




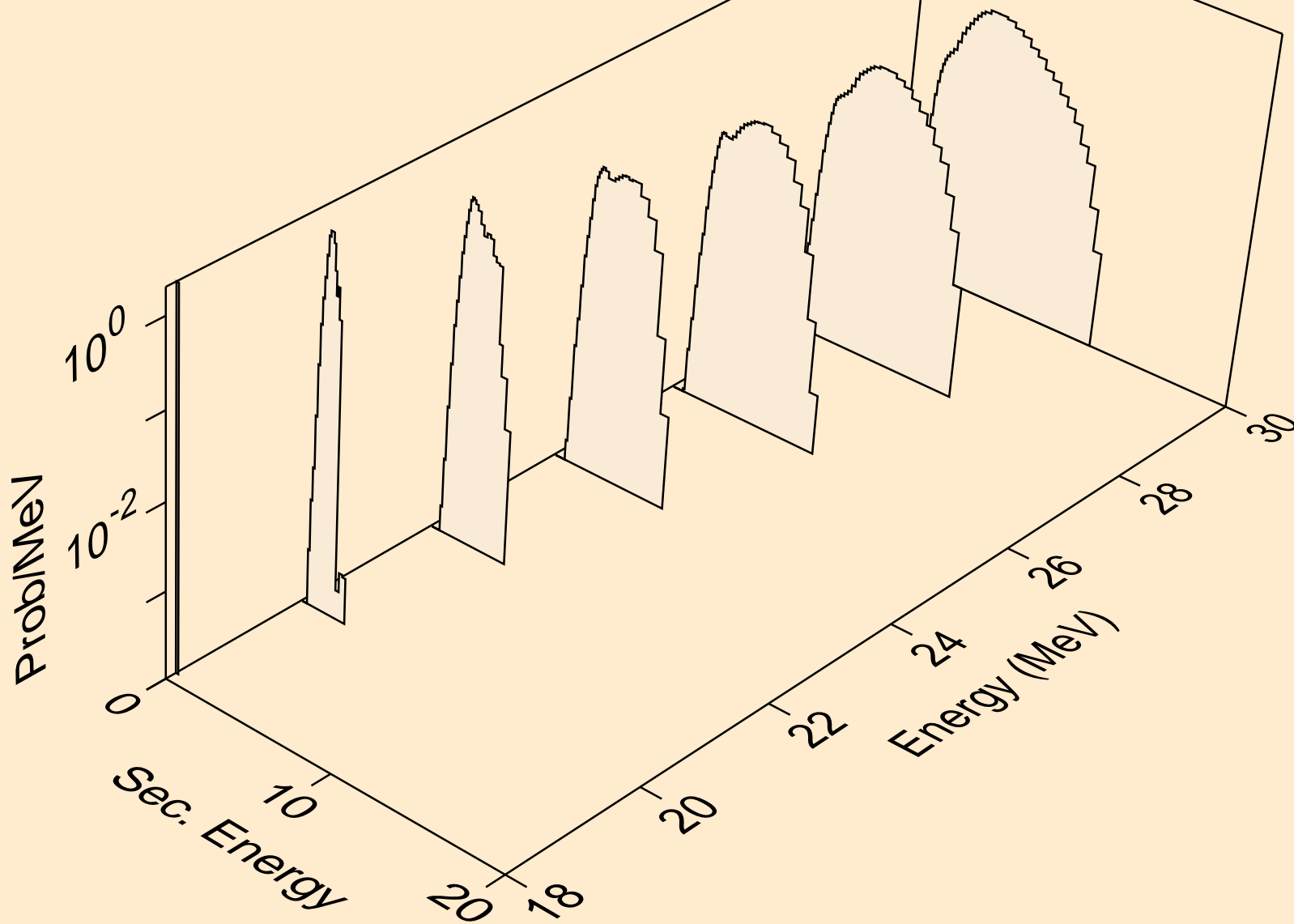
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



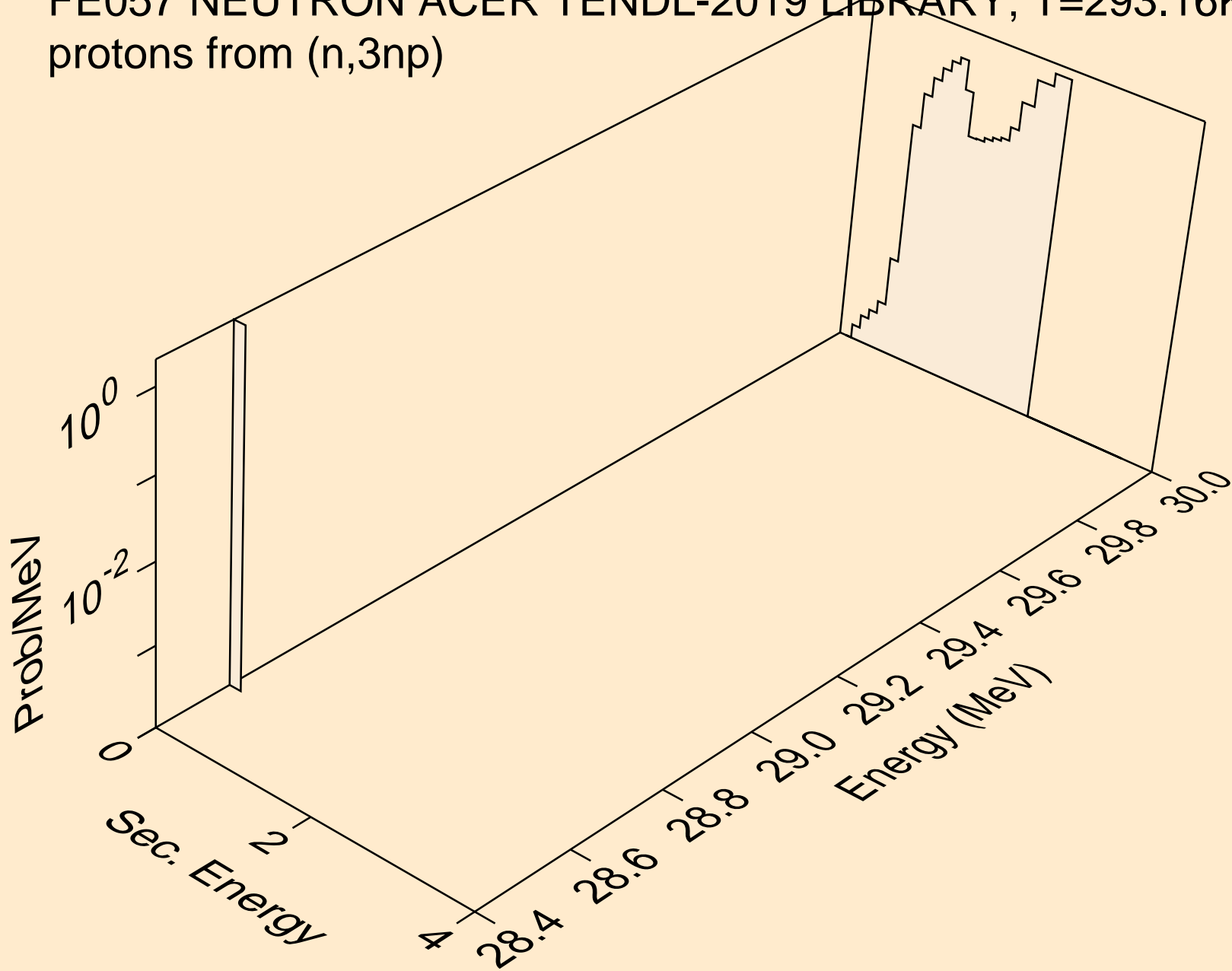
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



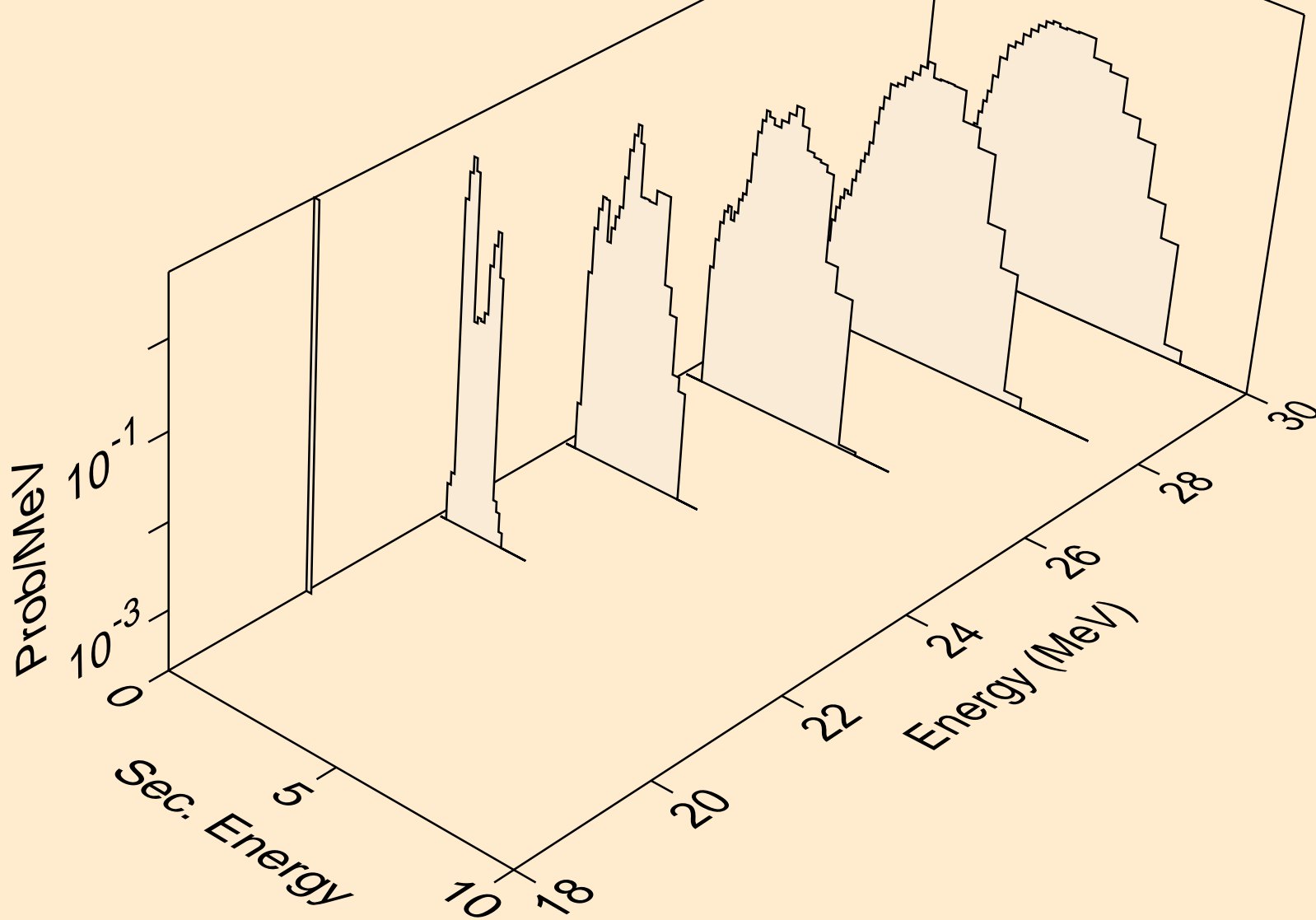
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



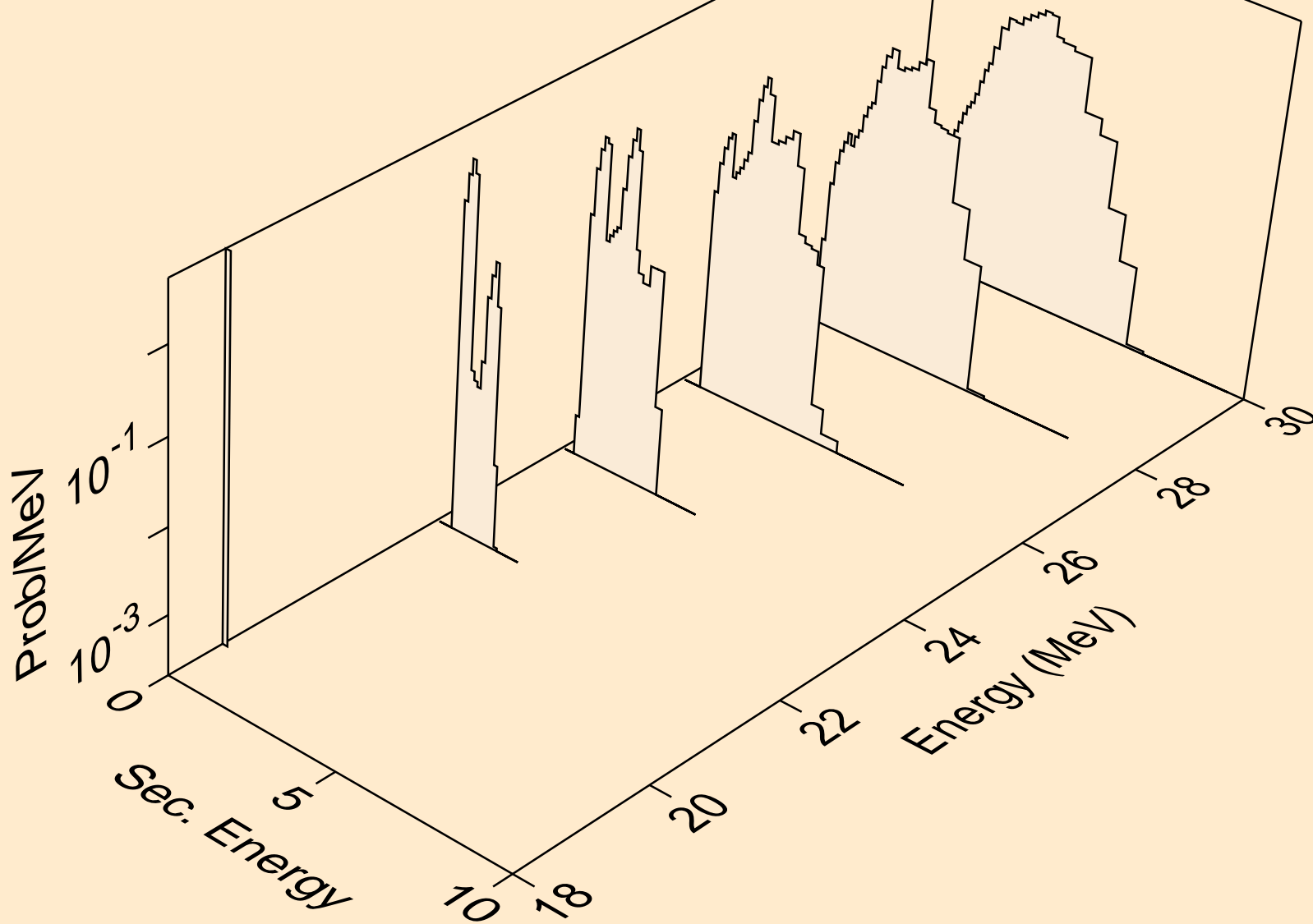
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



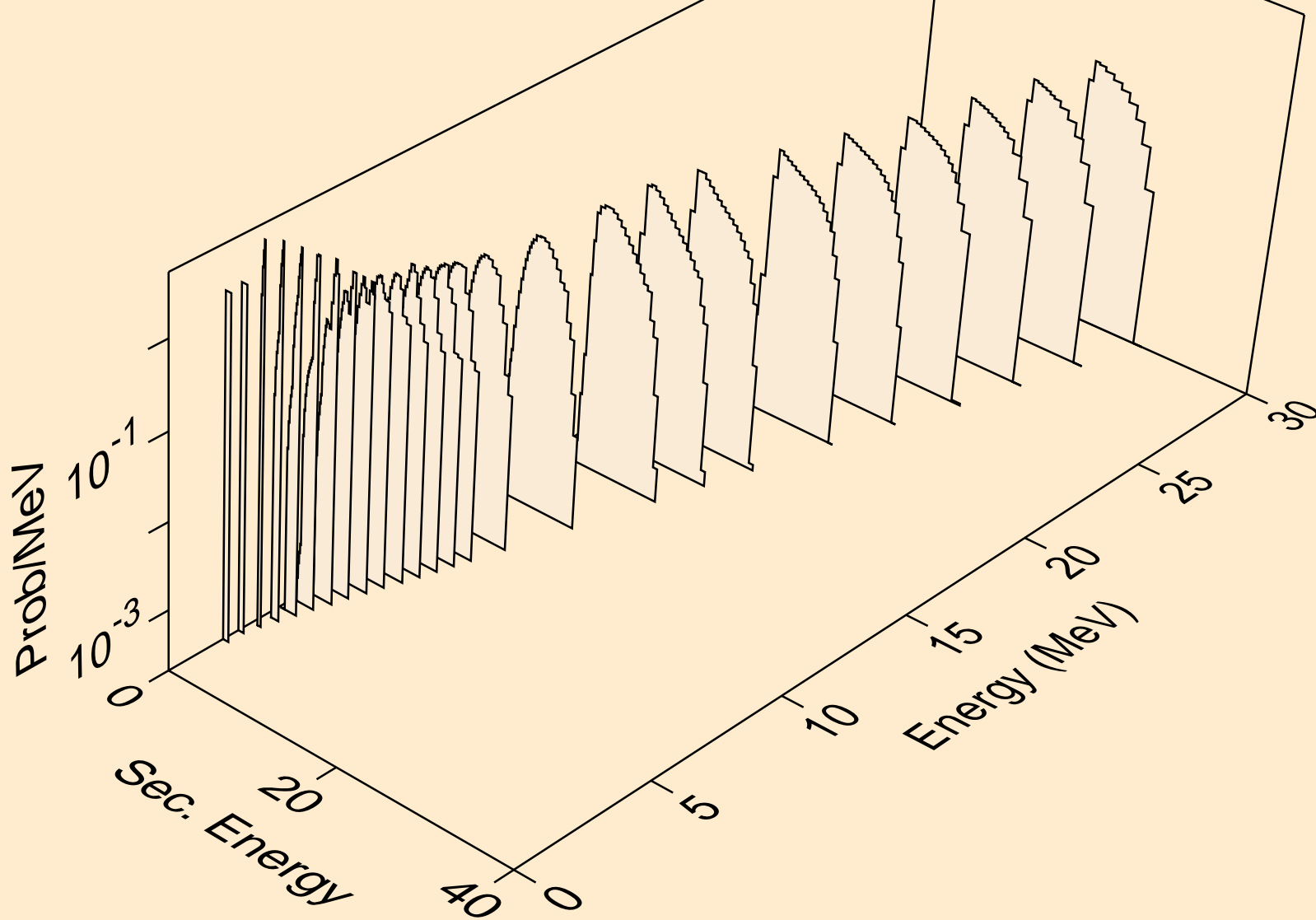
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



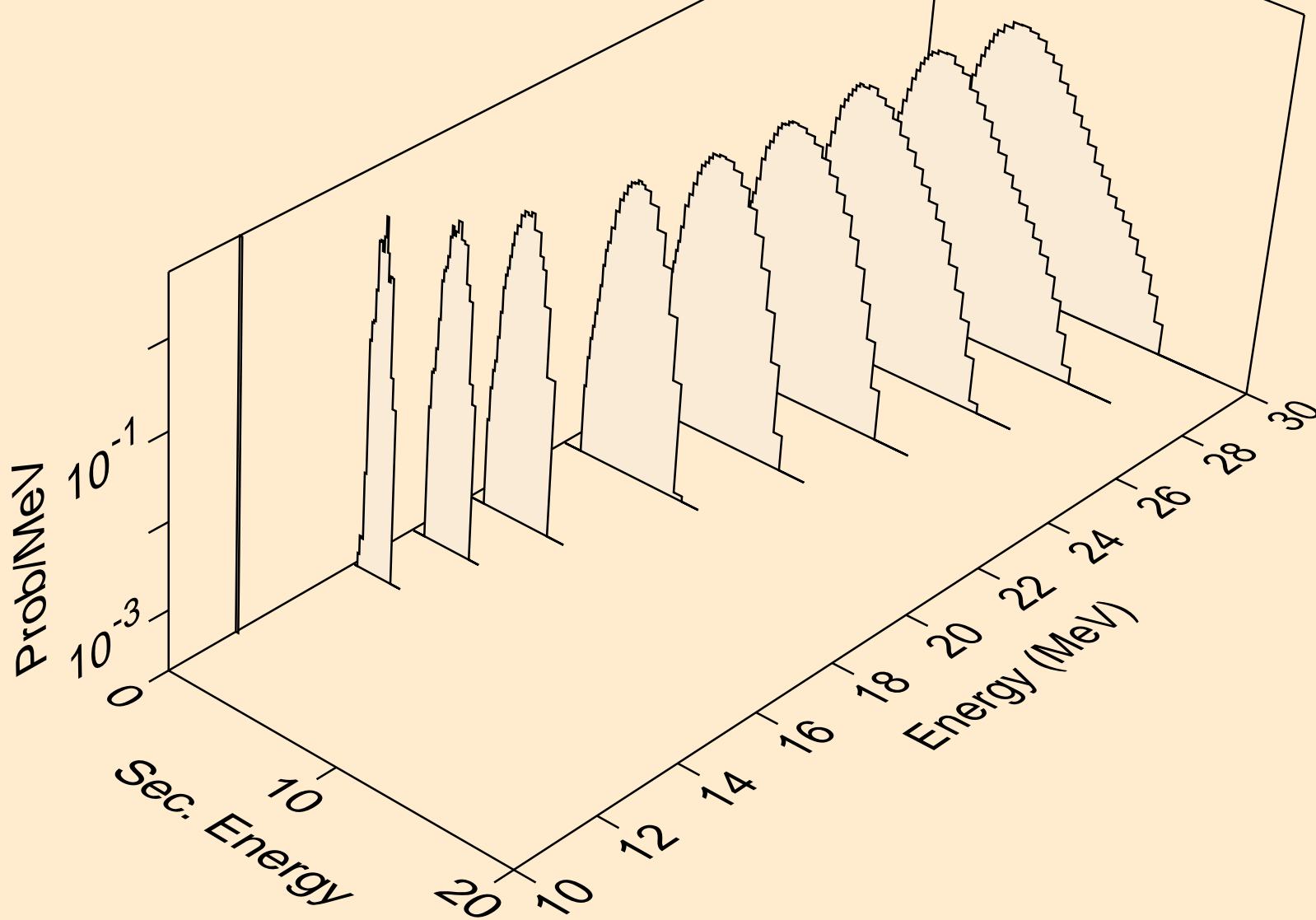
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

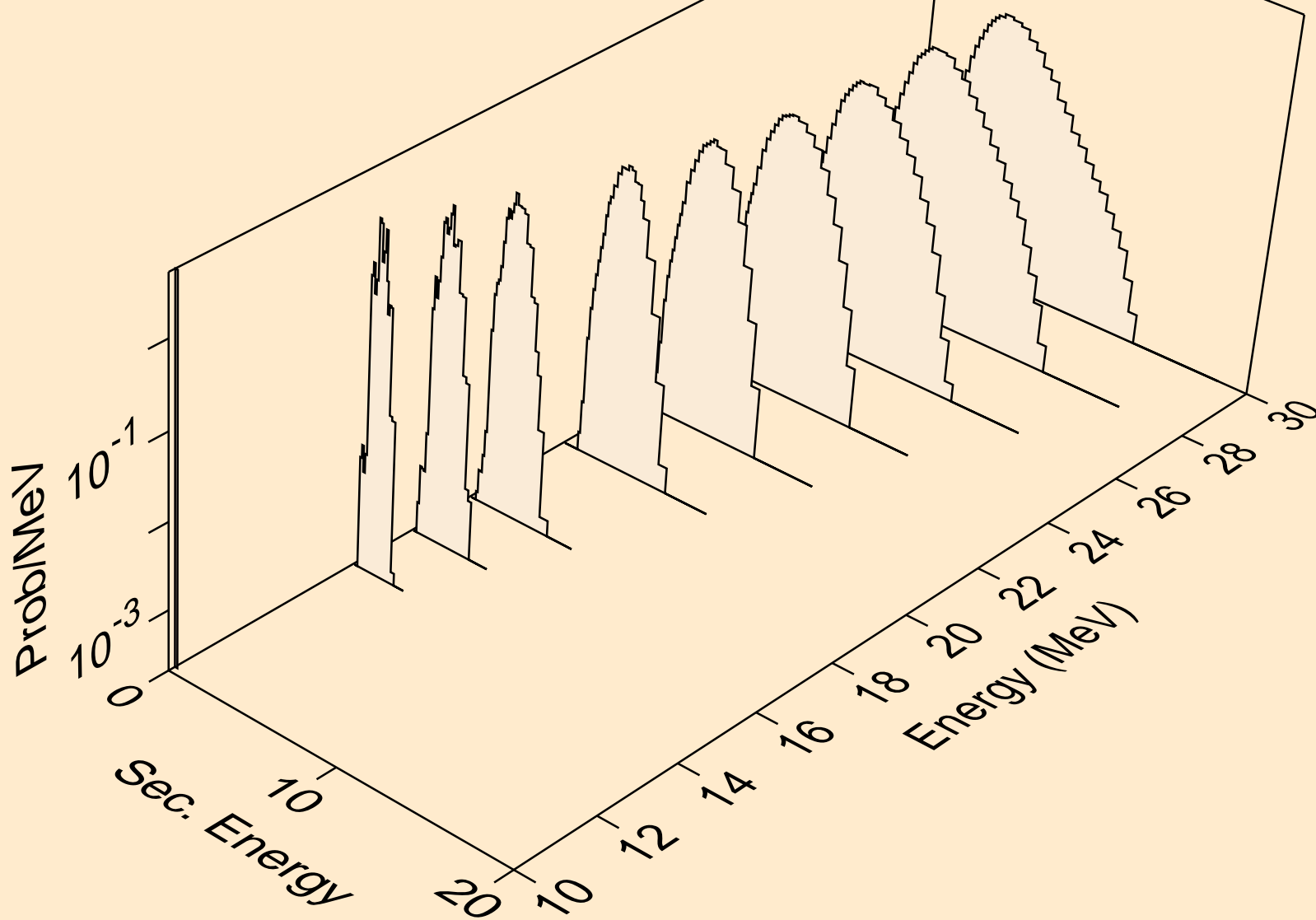


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)

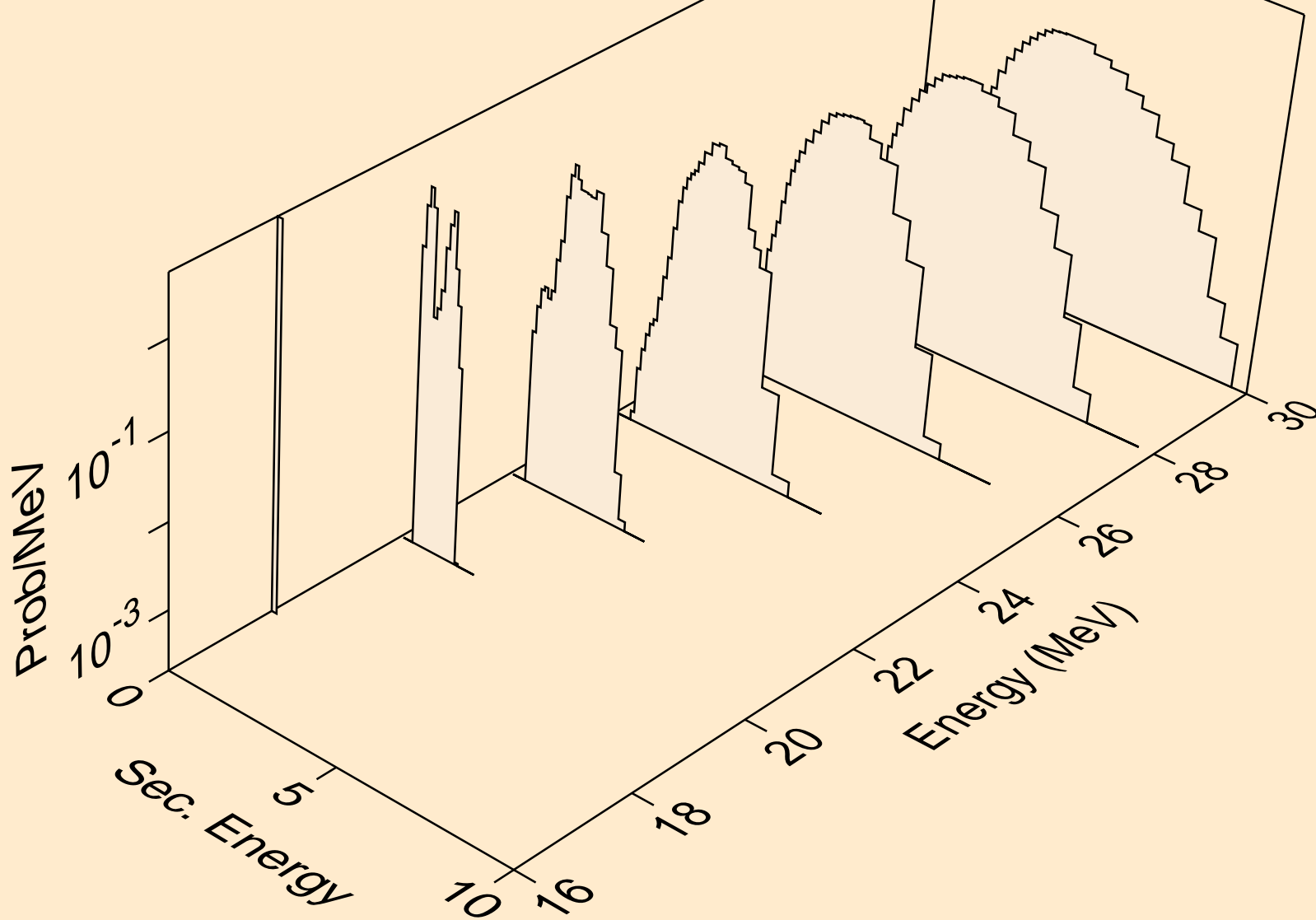




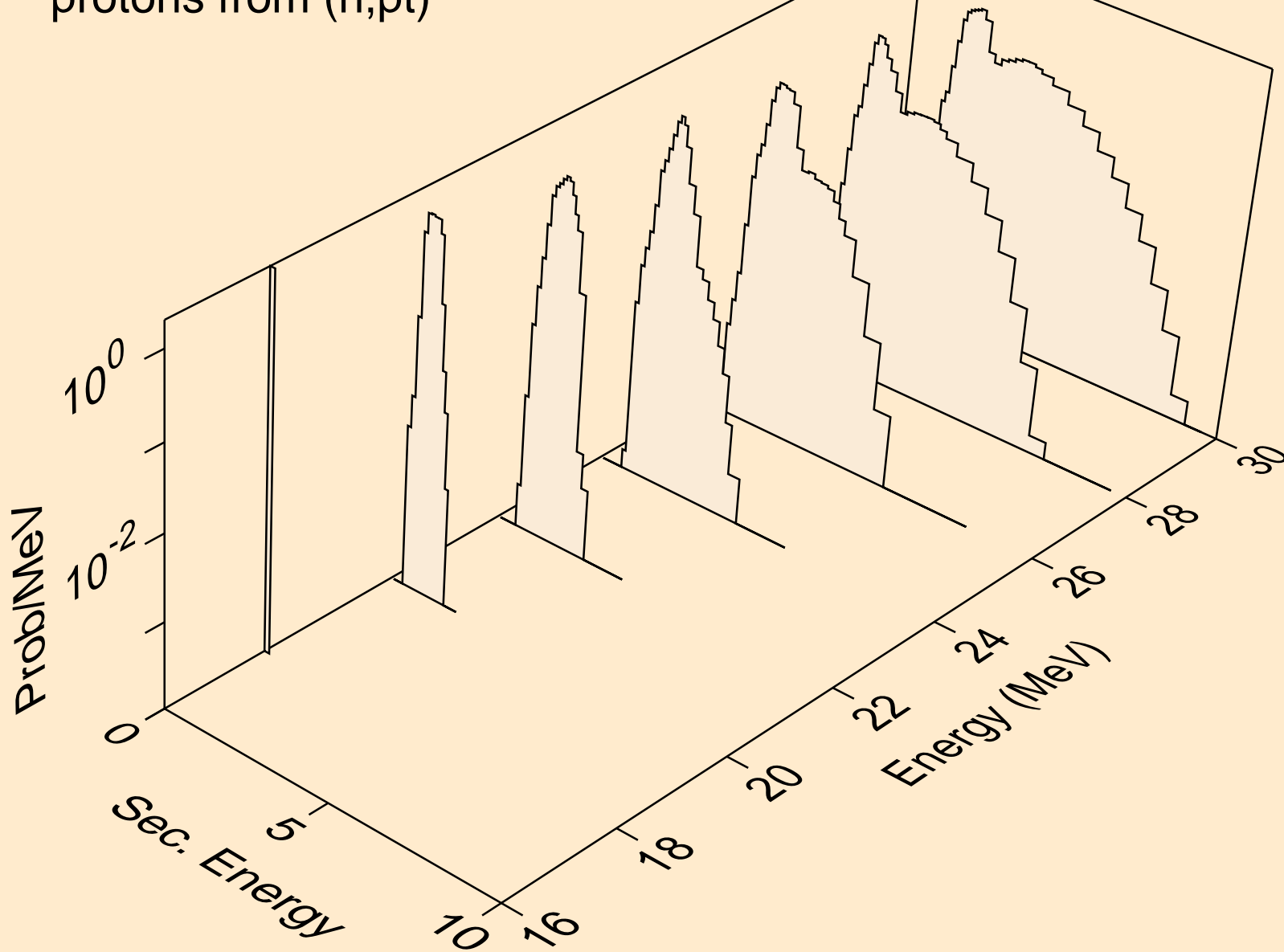
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



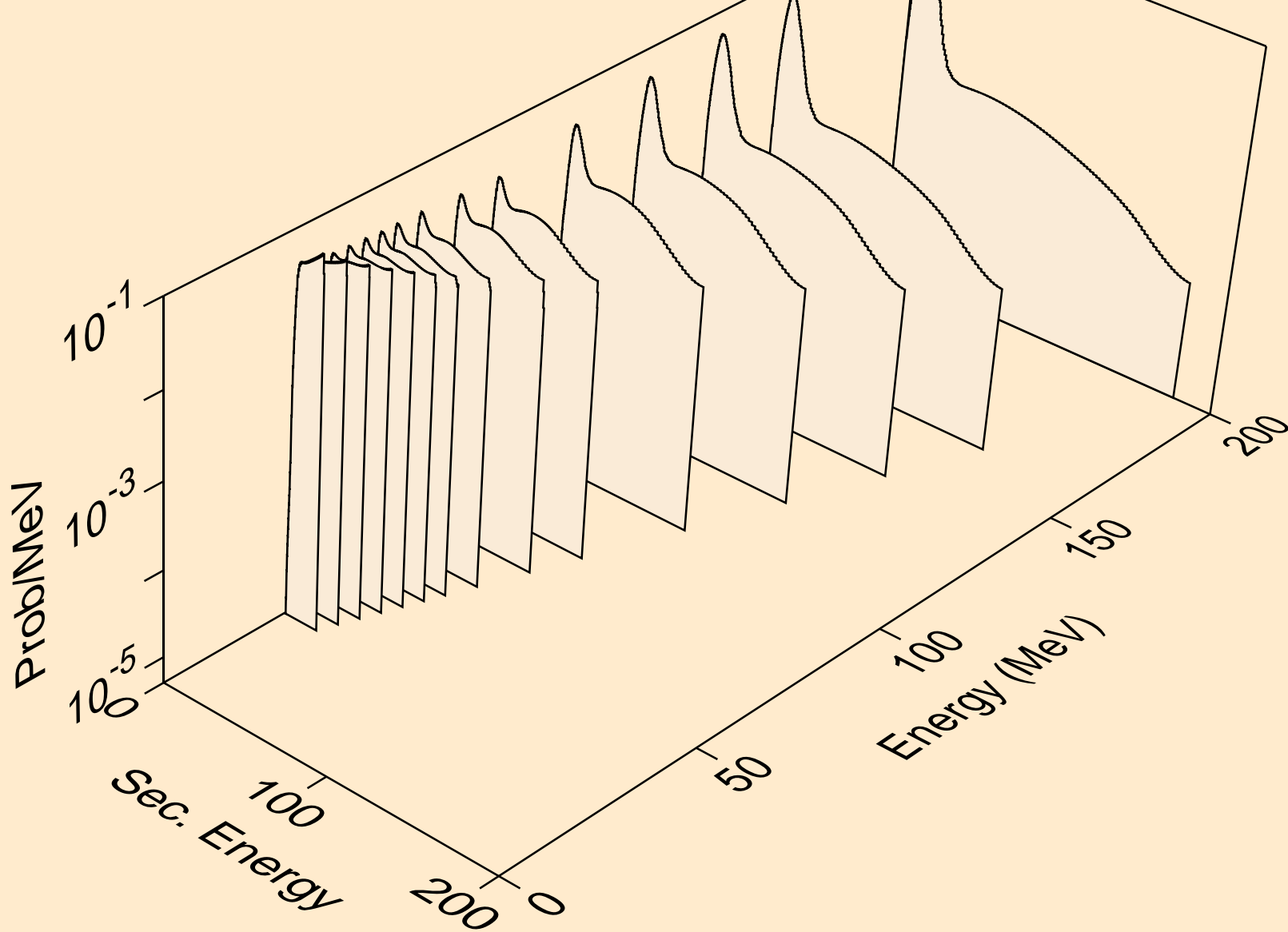
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



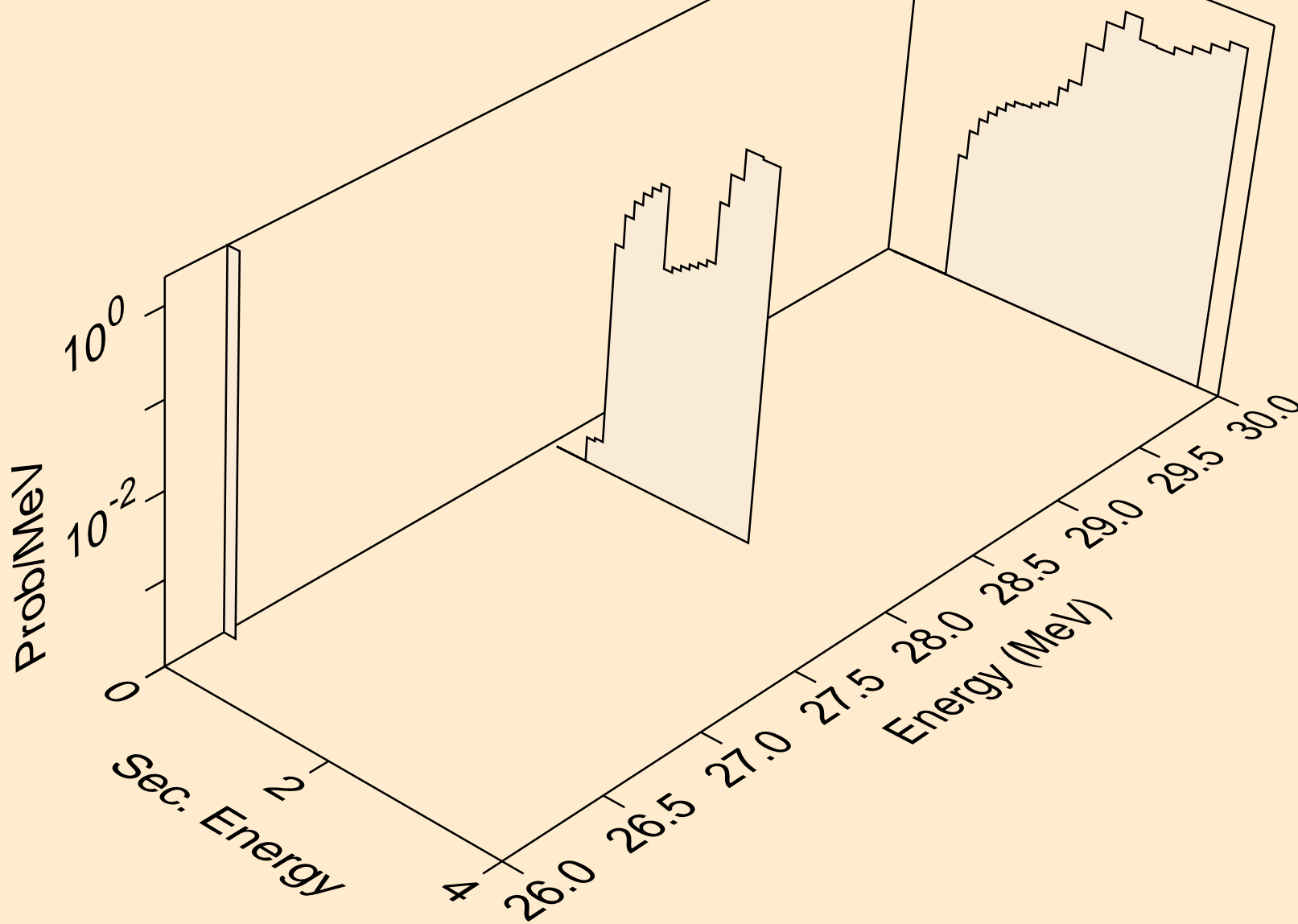
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



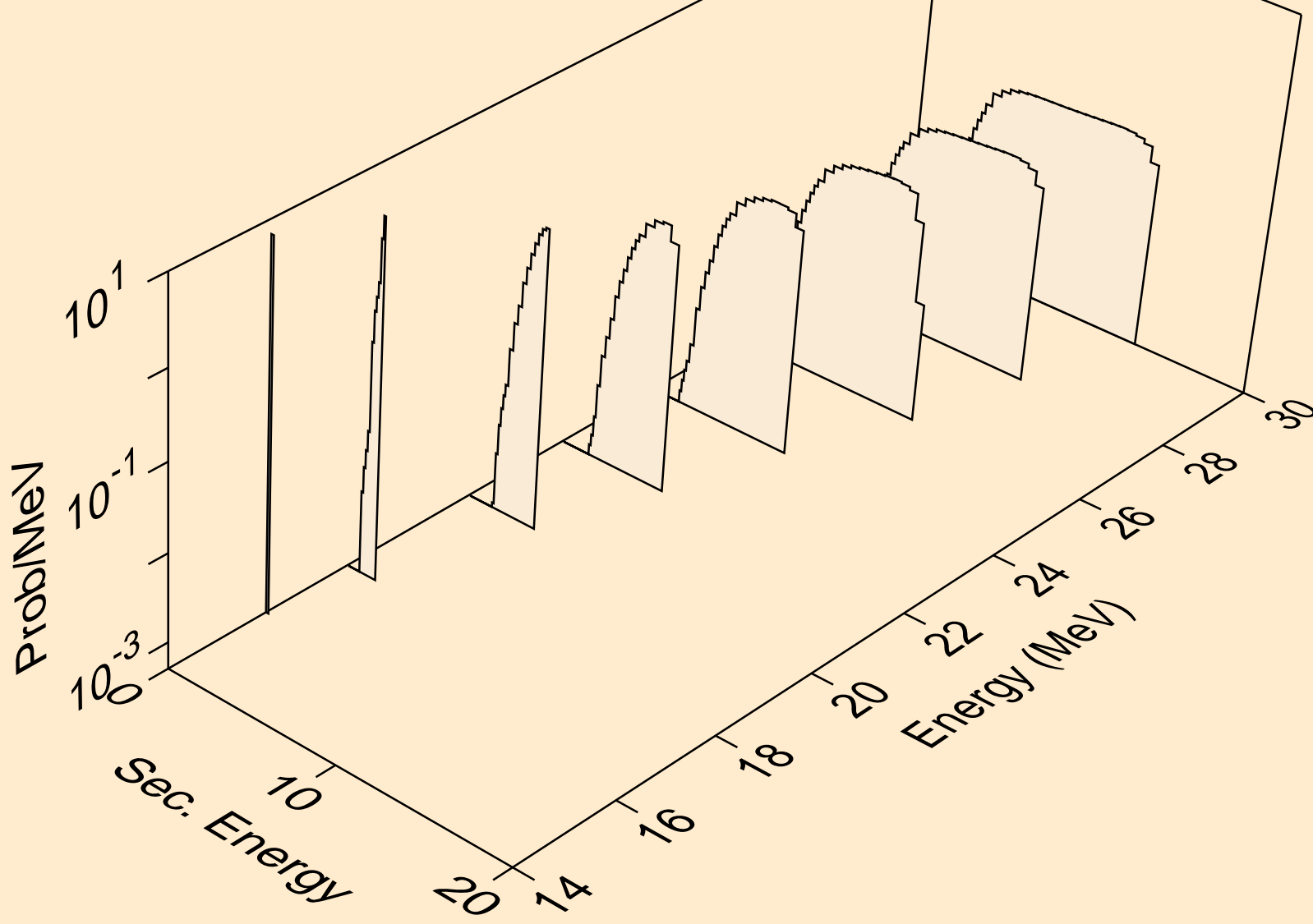
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



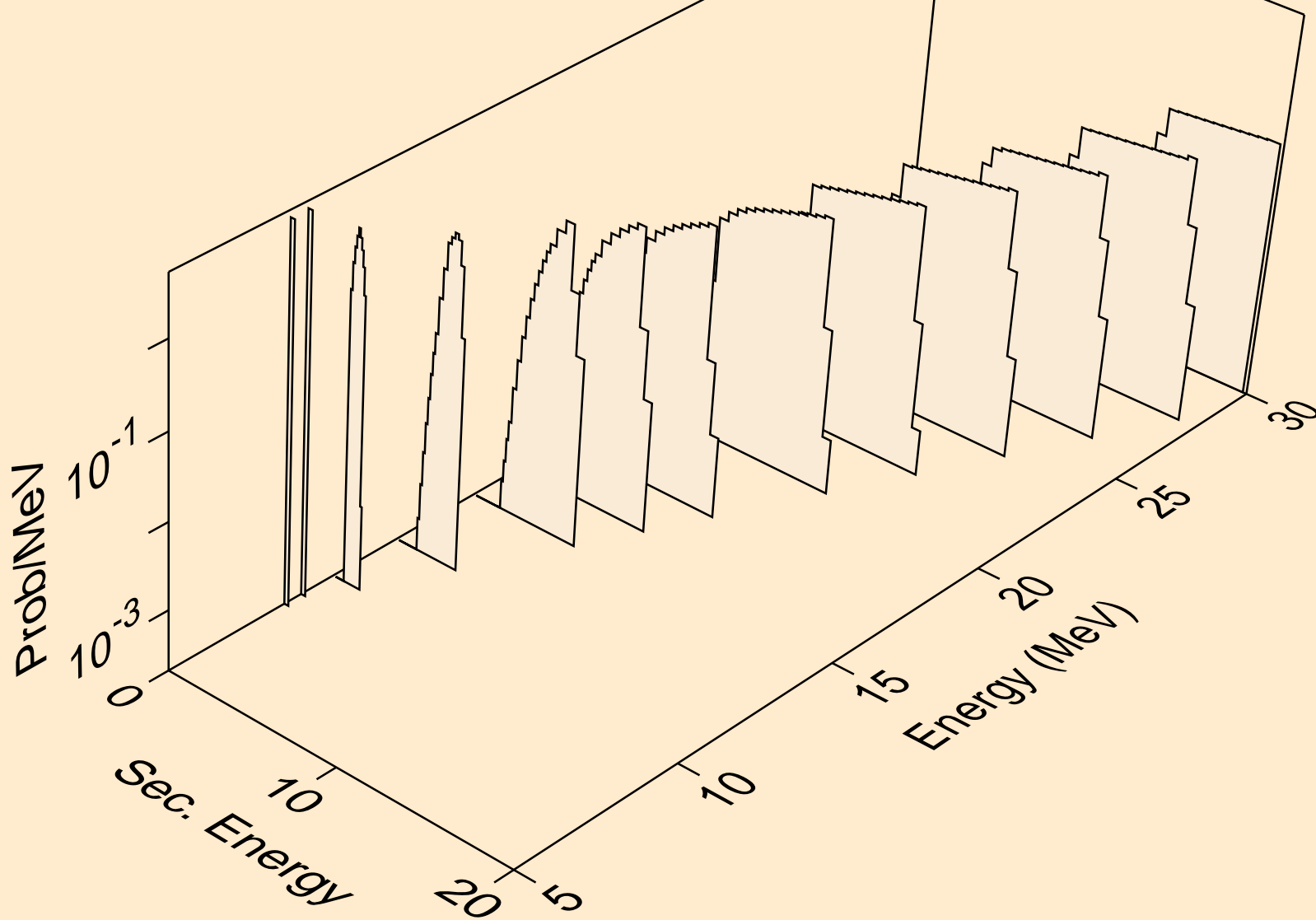
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



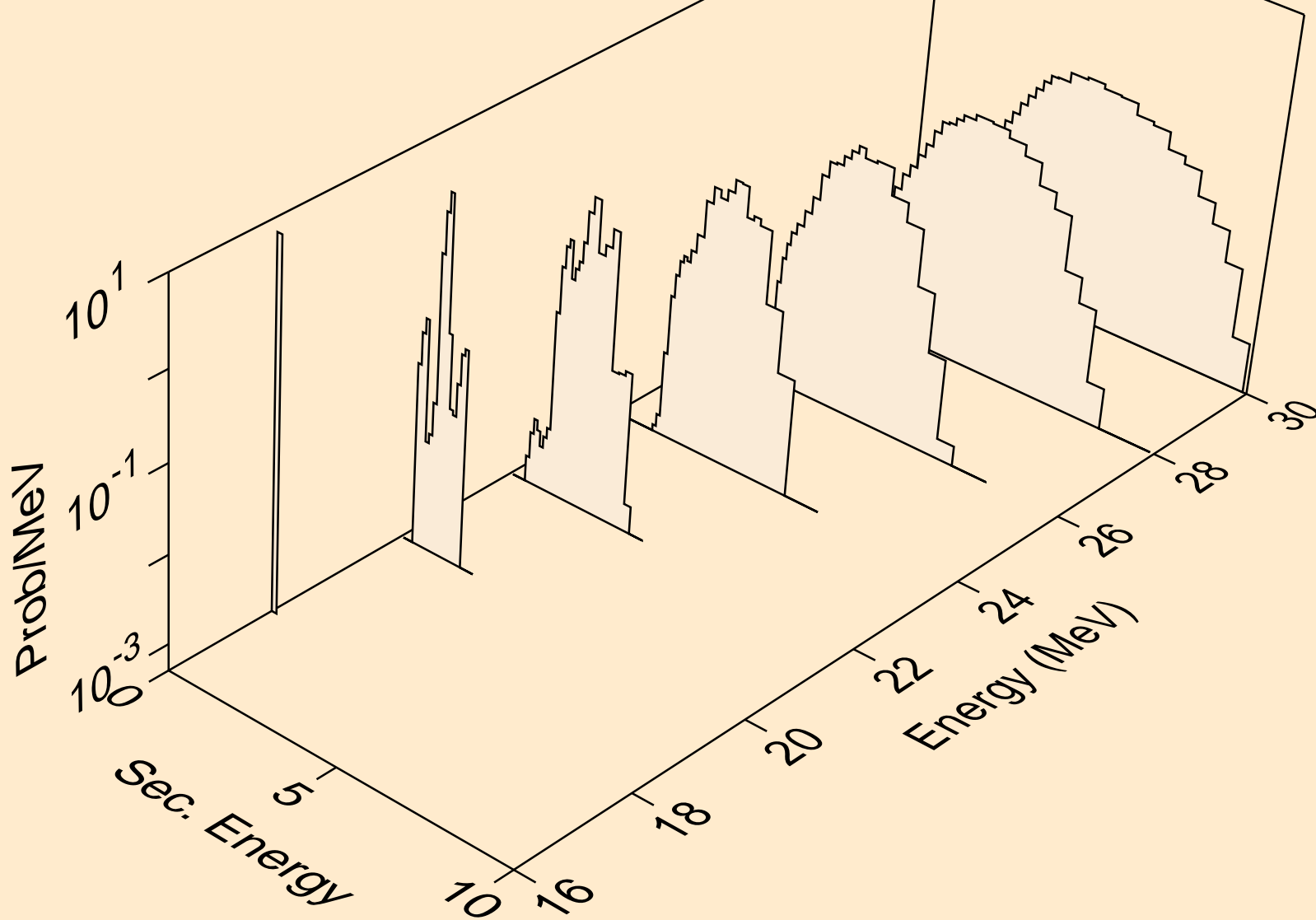
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

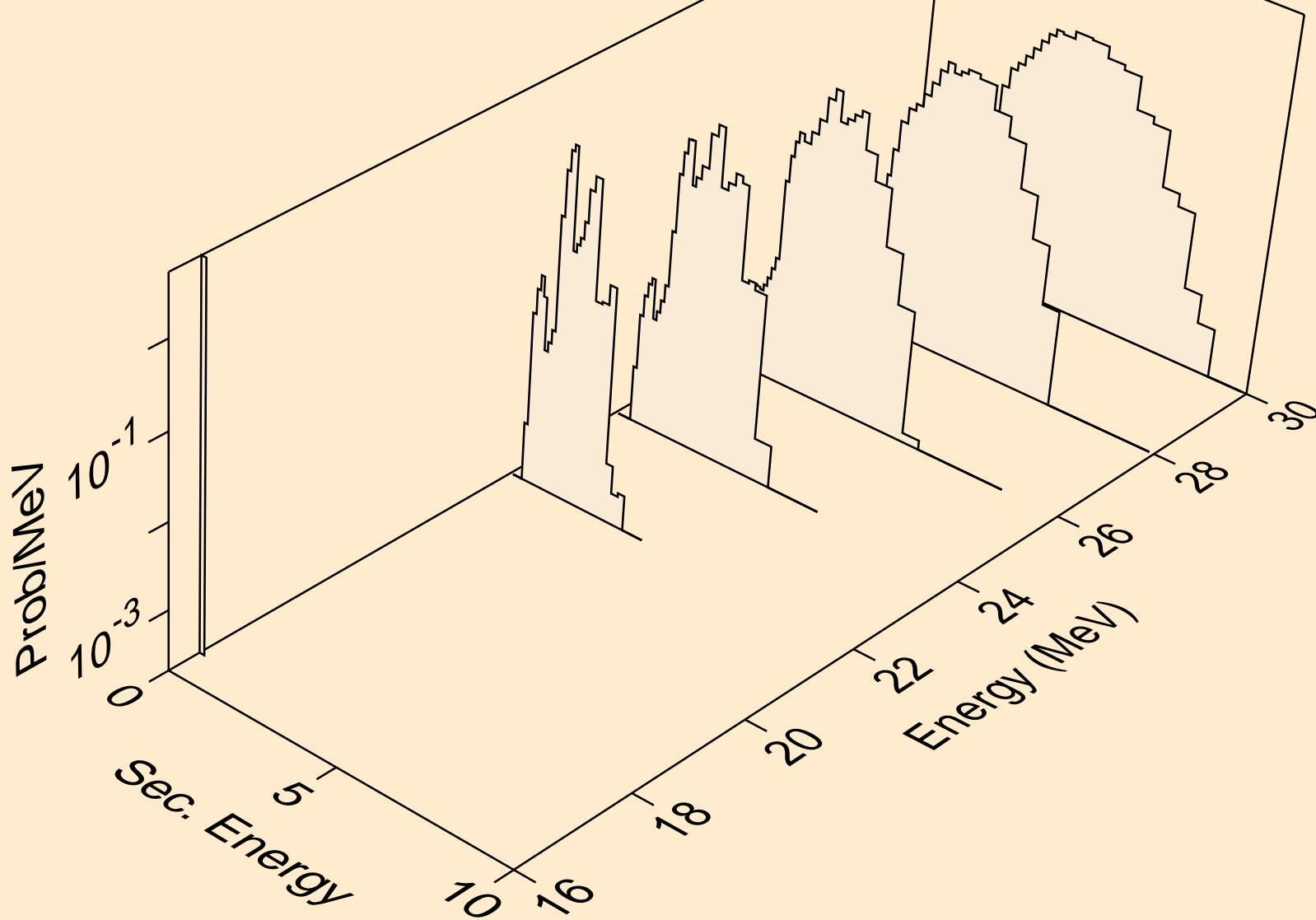


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)

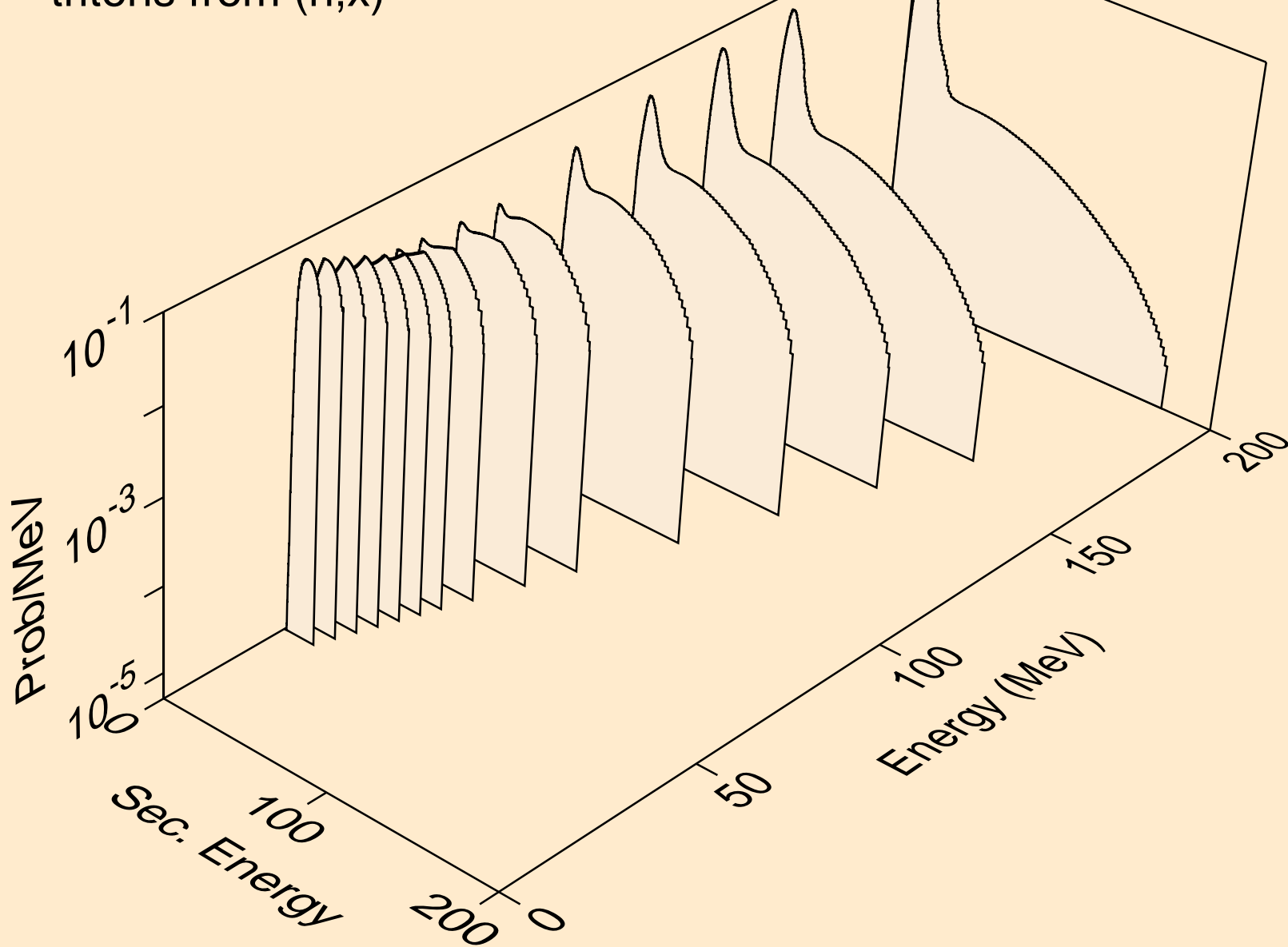




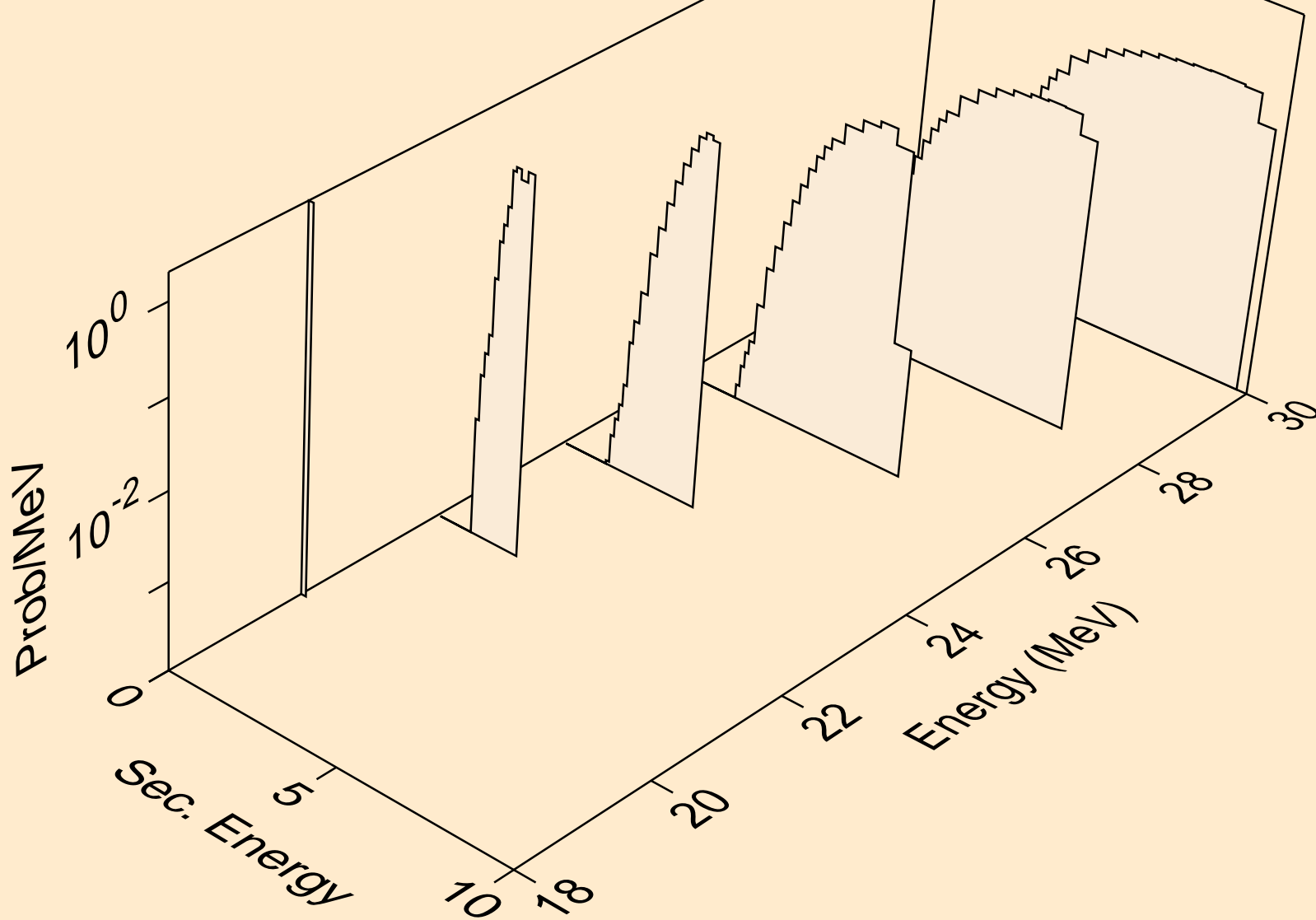
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



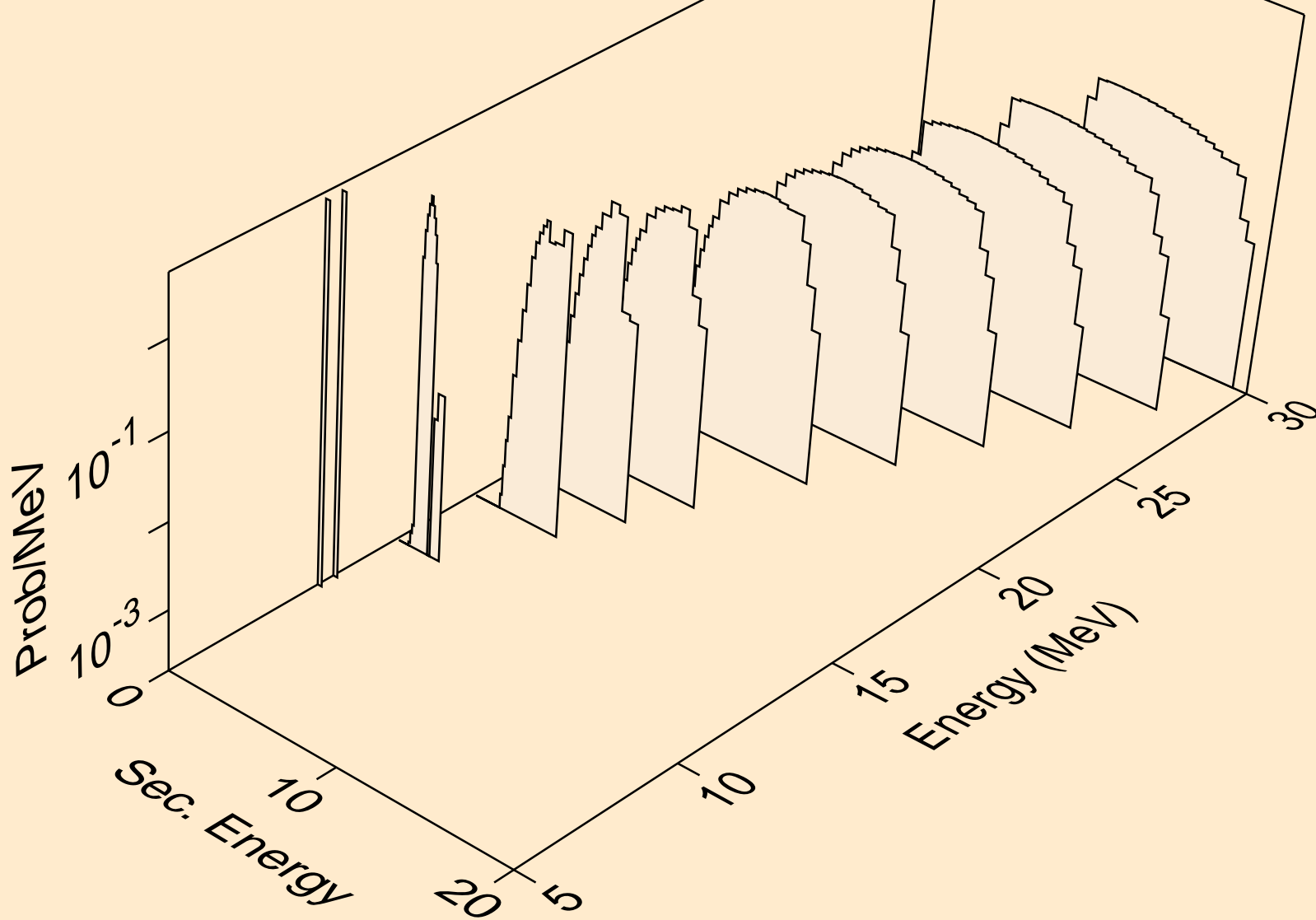
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



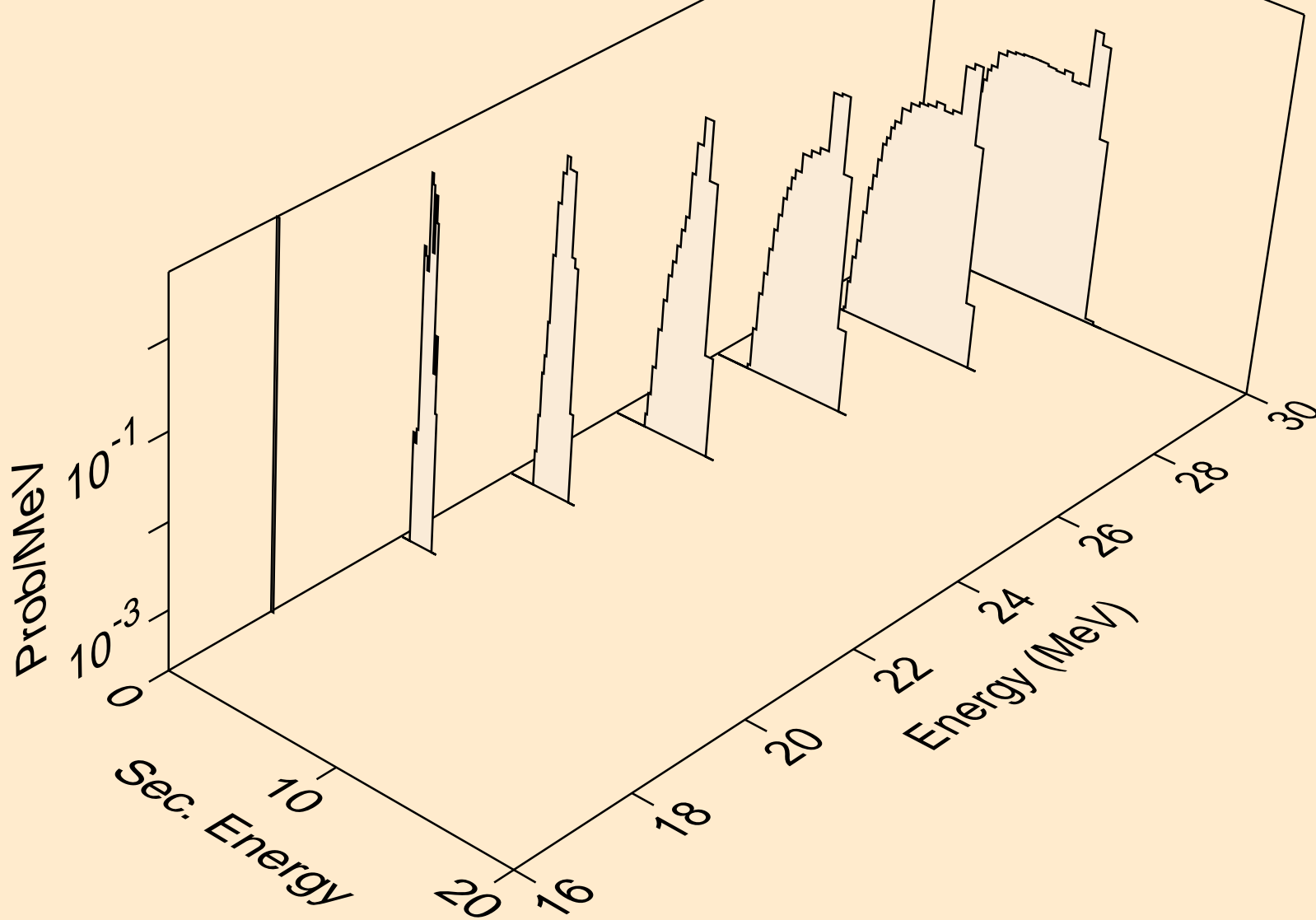
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



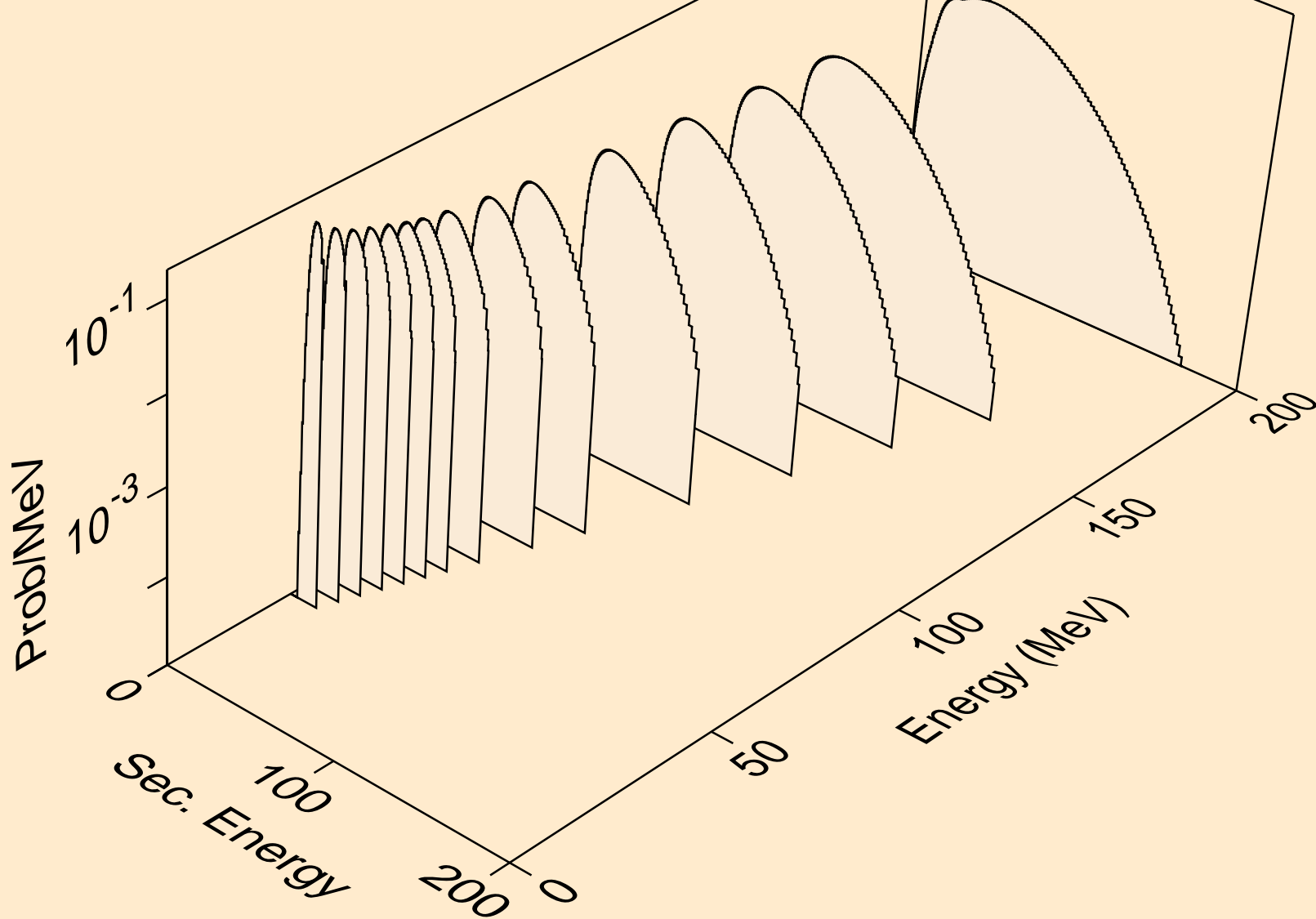
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



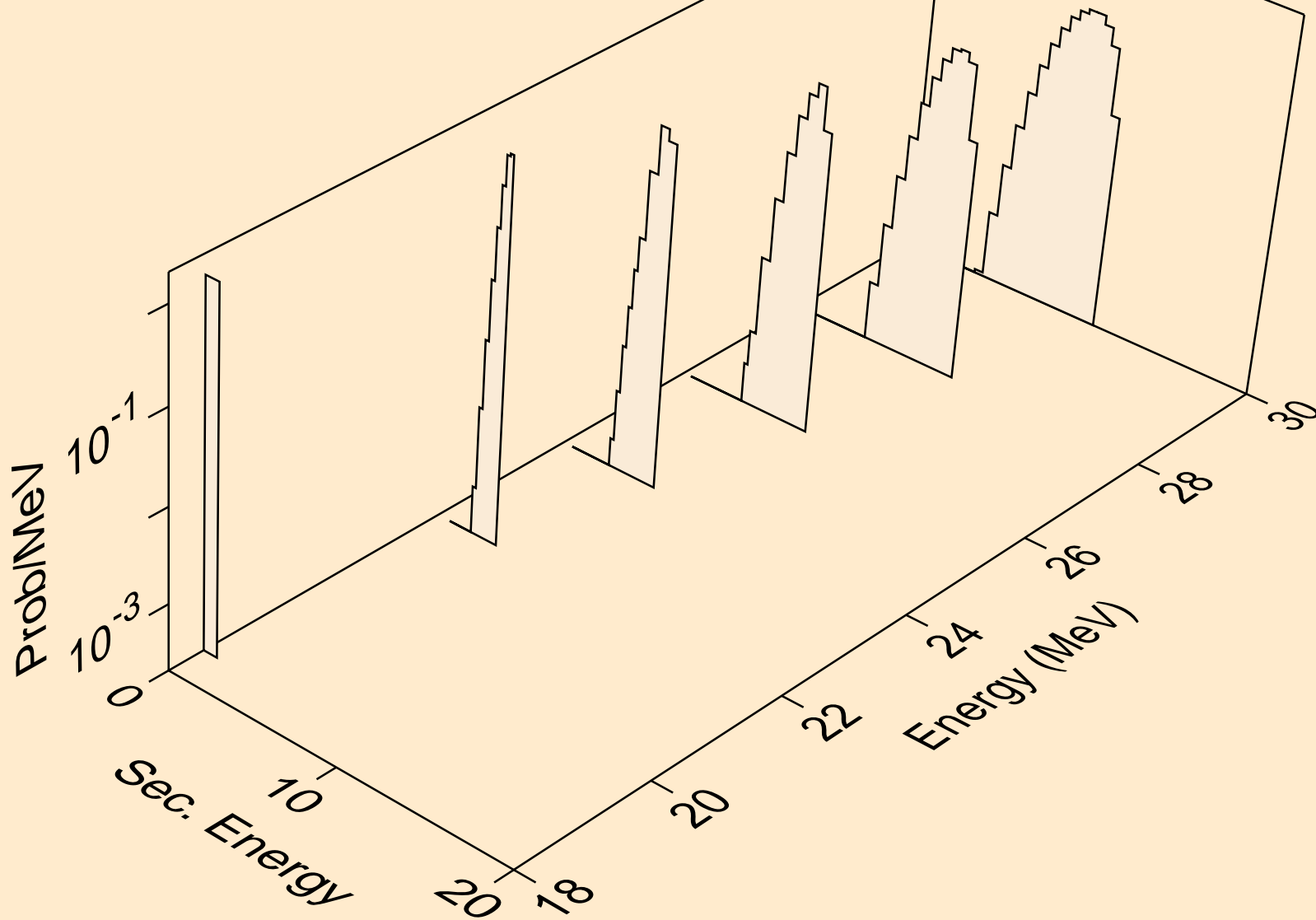
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



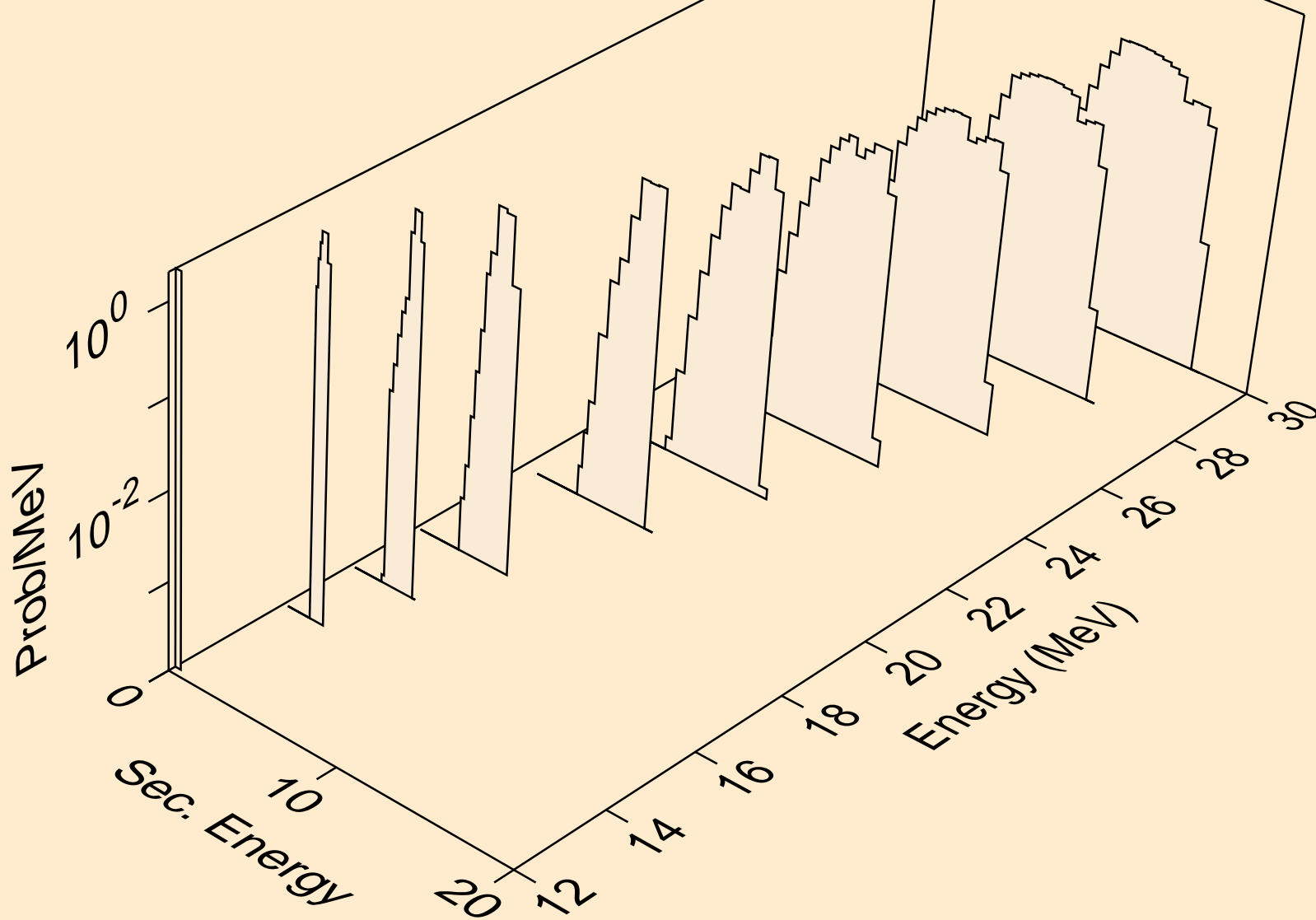
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

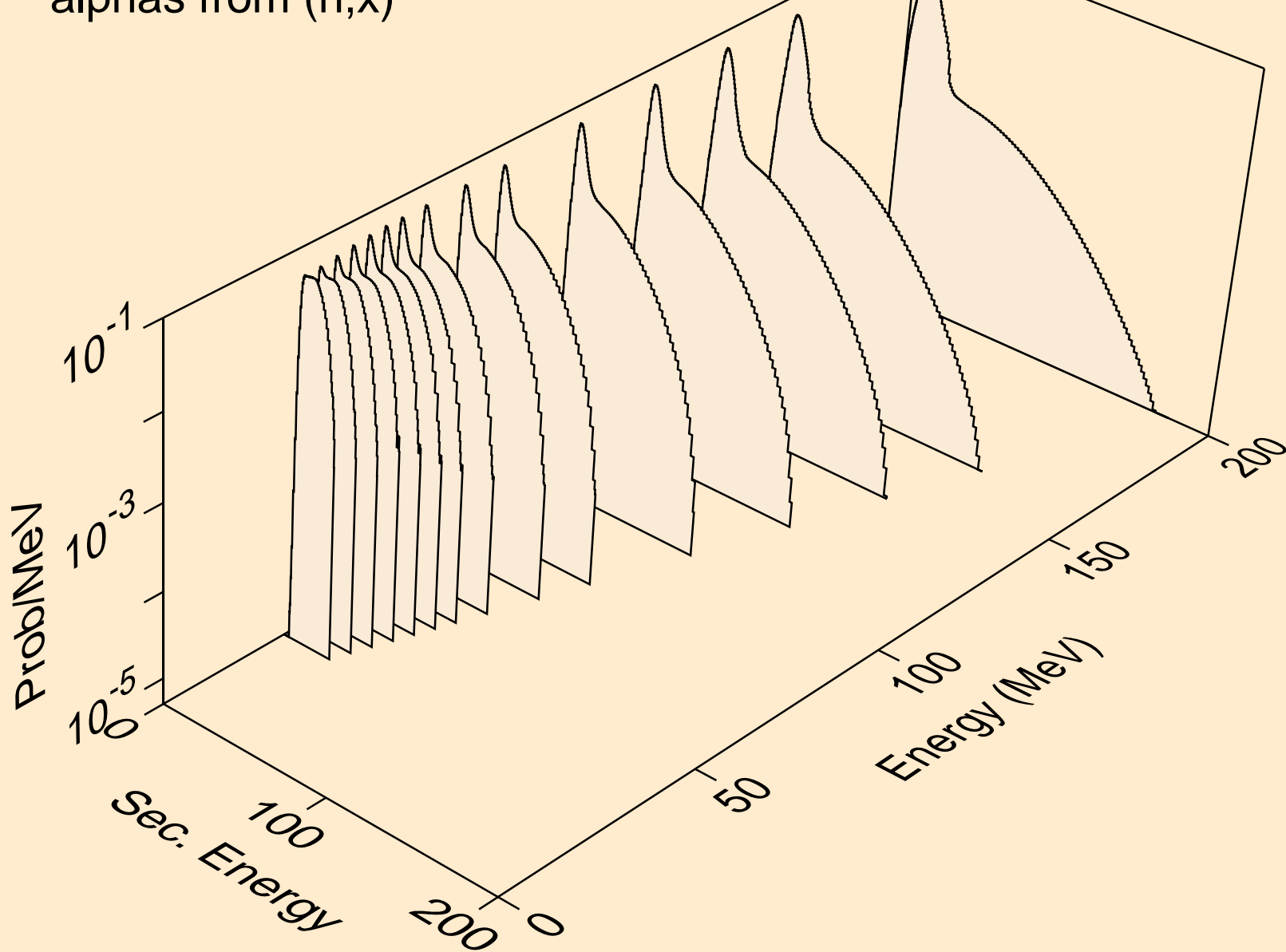


FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

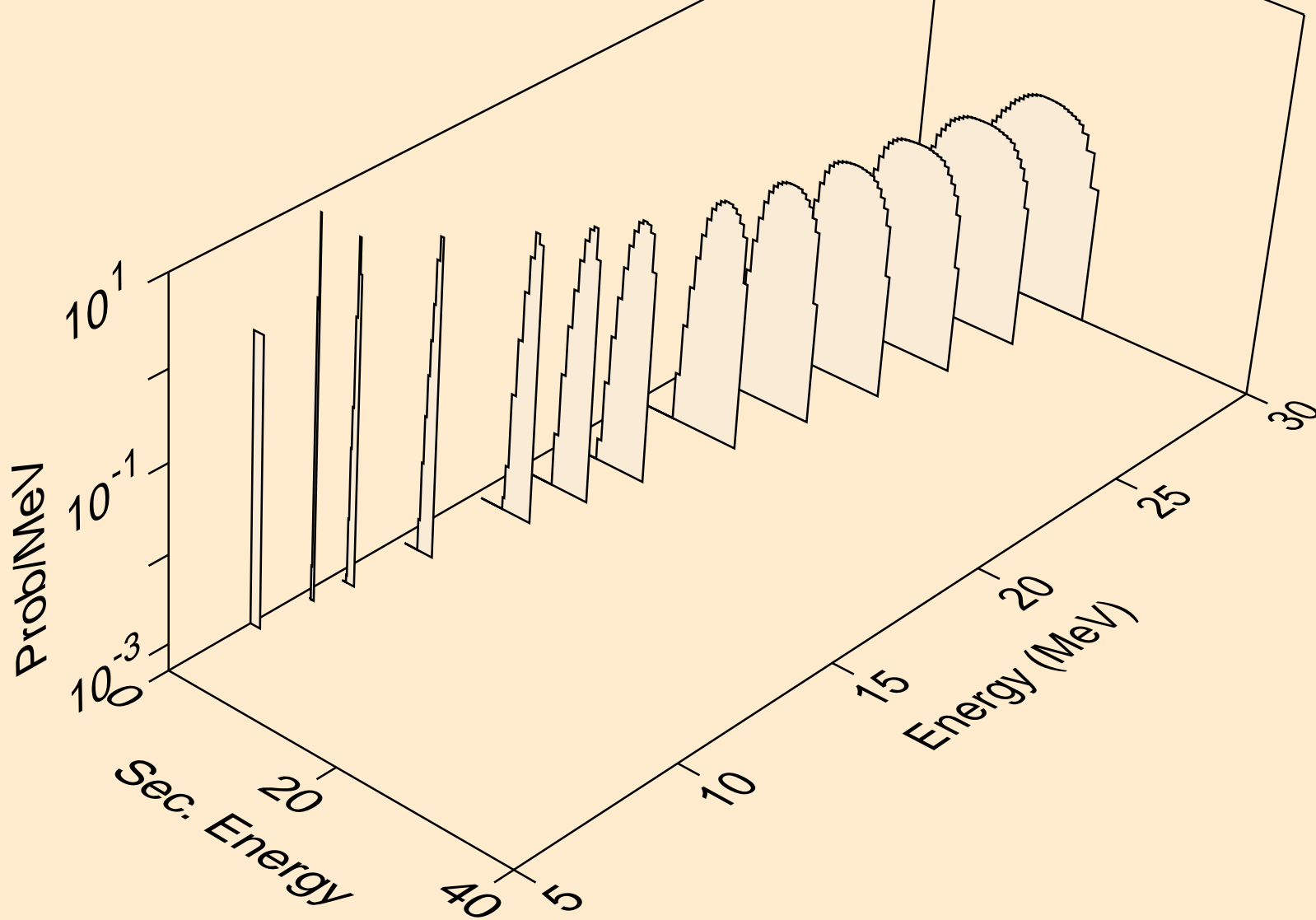




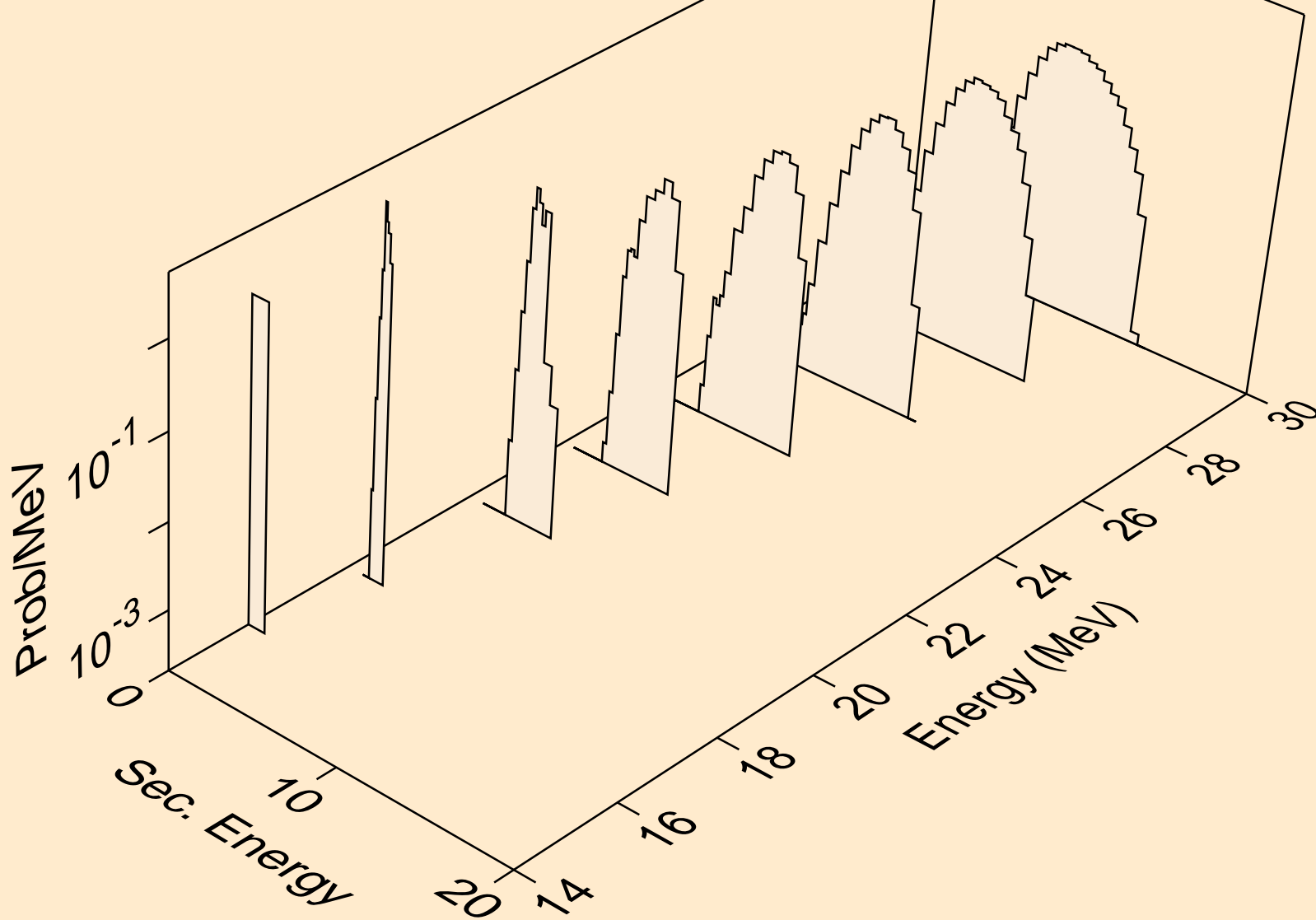
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



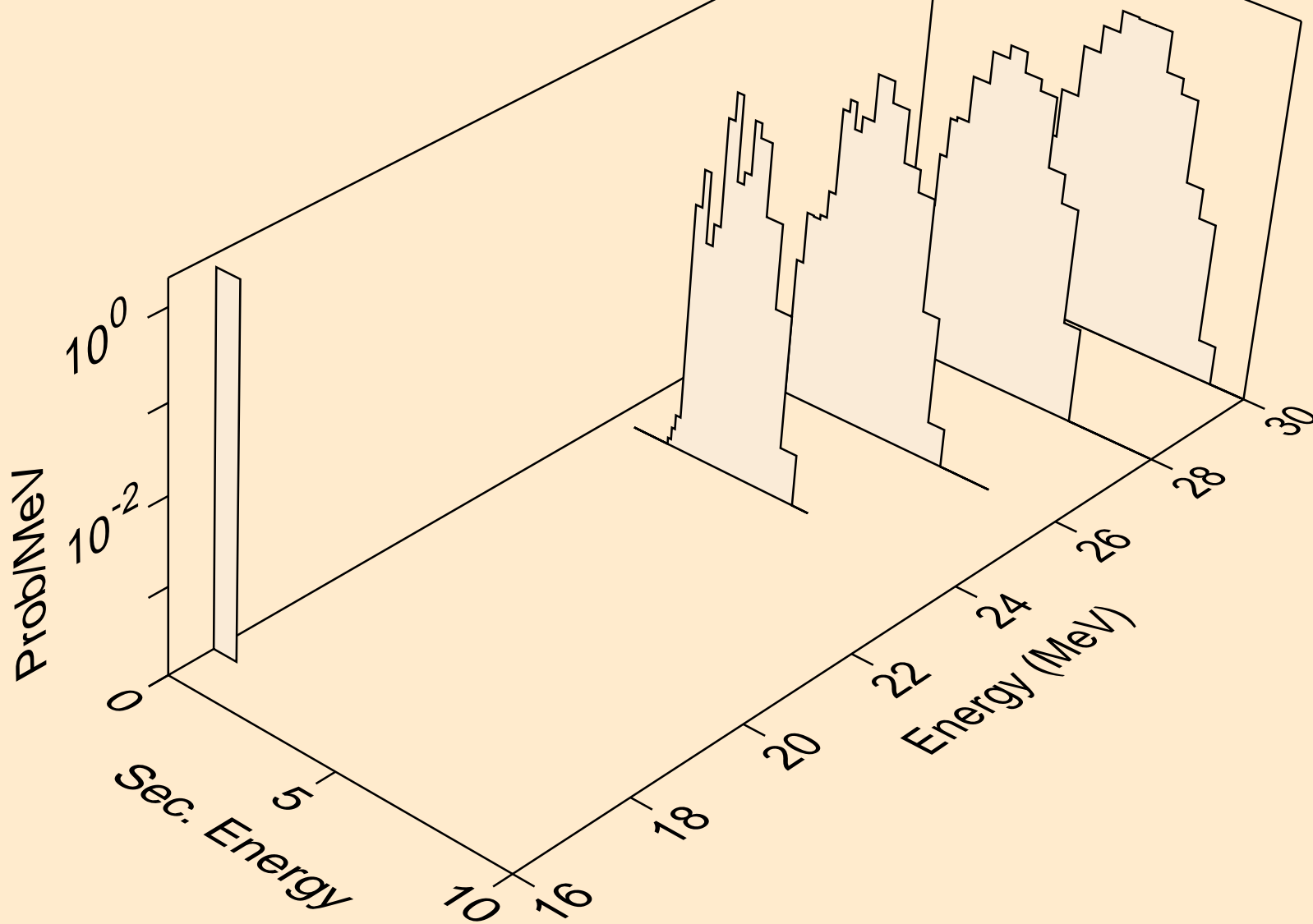
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



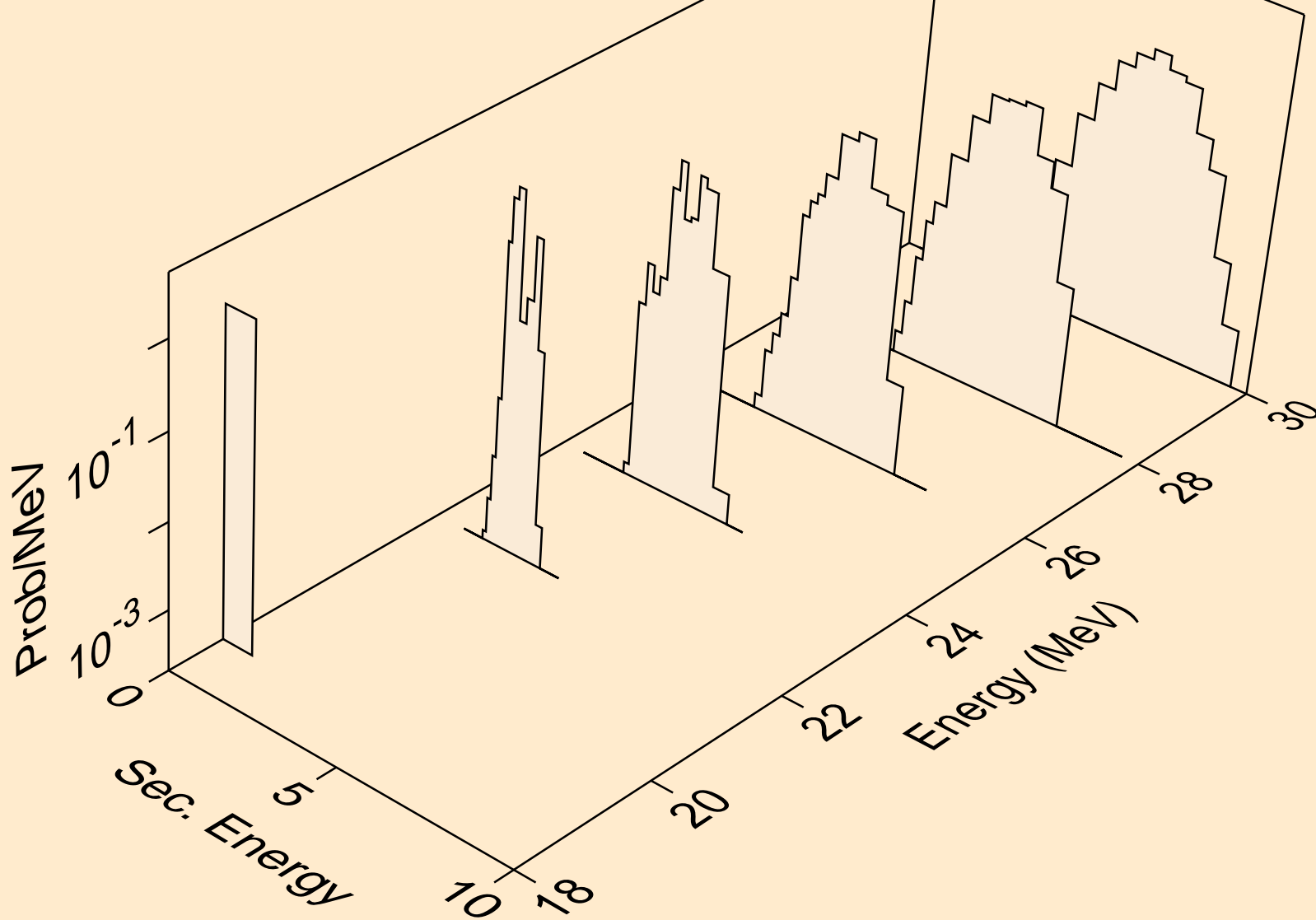
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



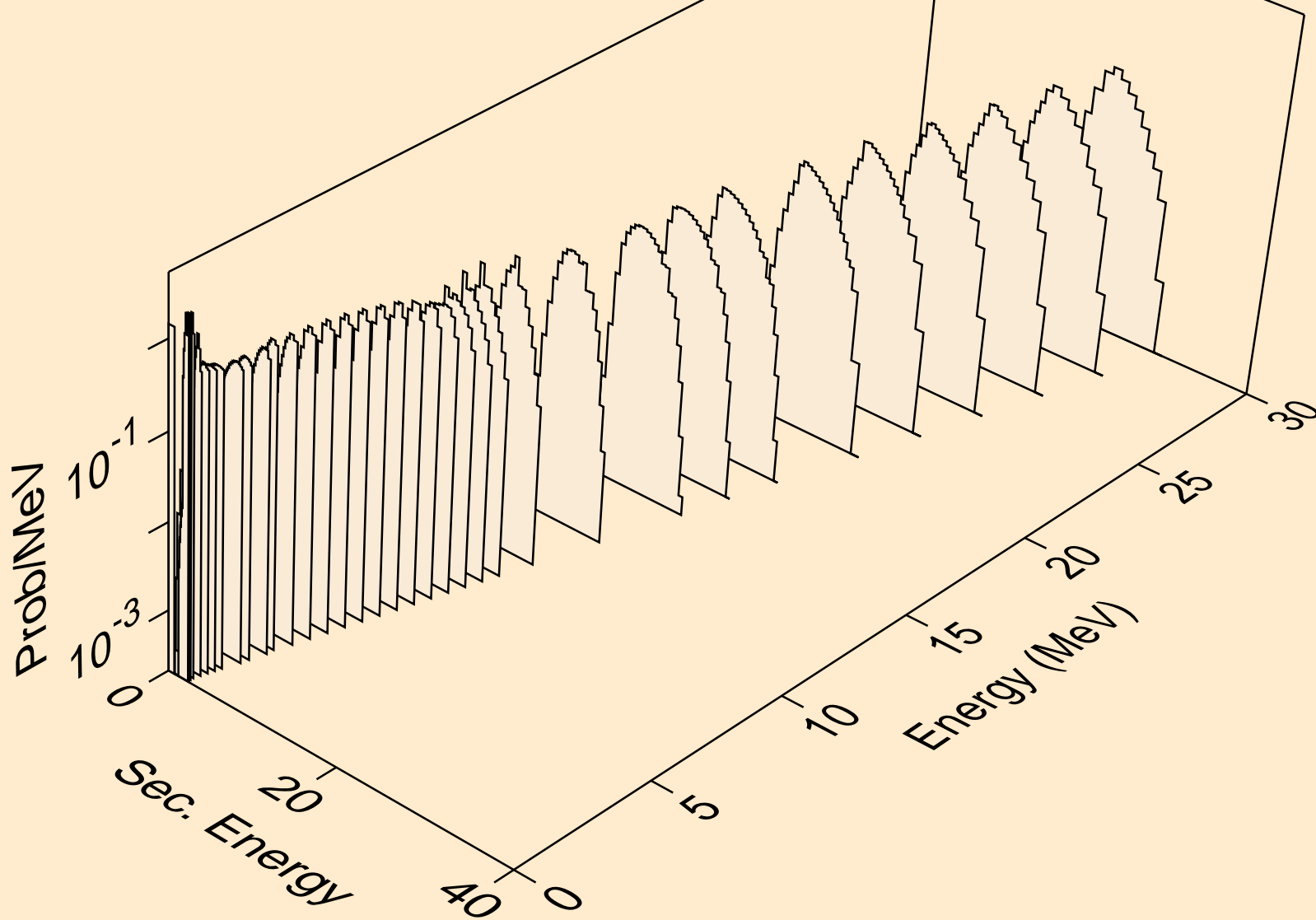
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



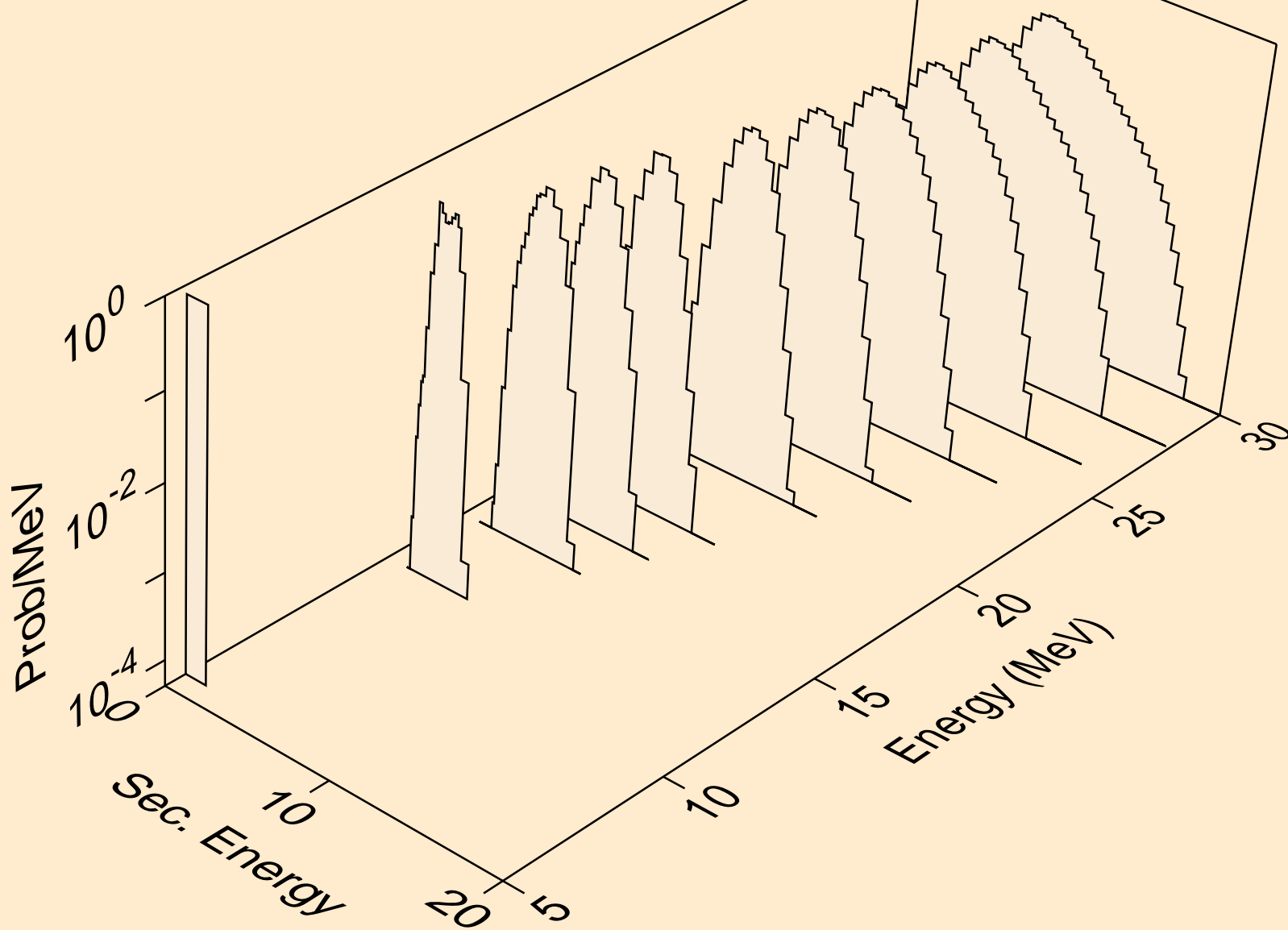
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



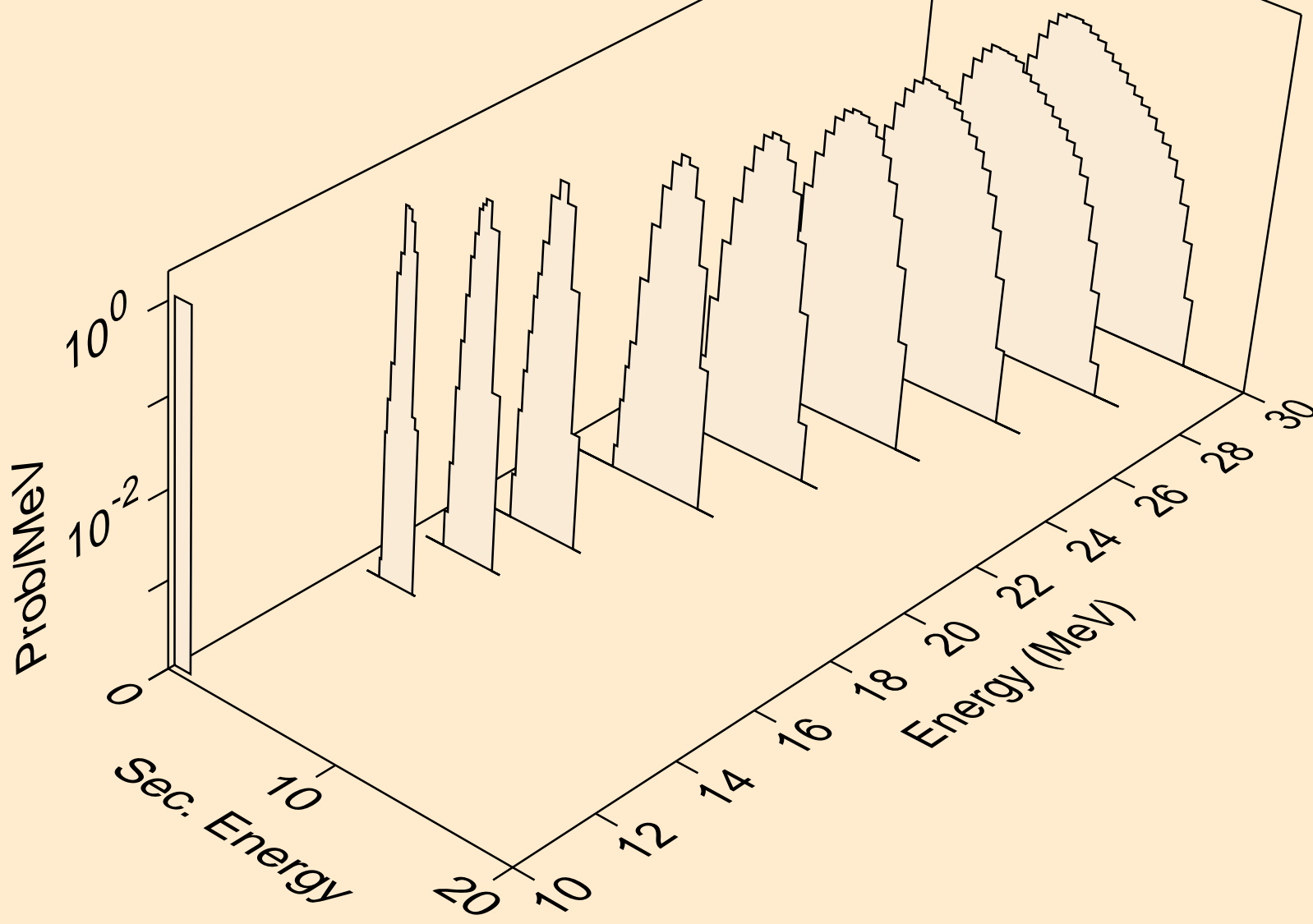
FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)





FE057 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

