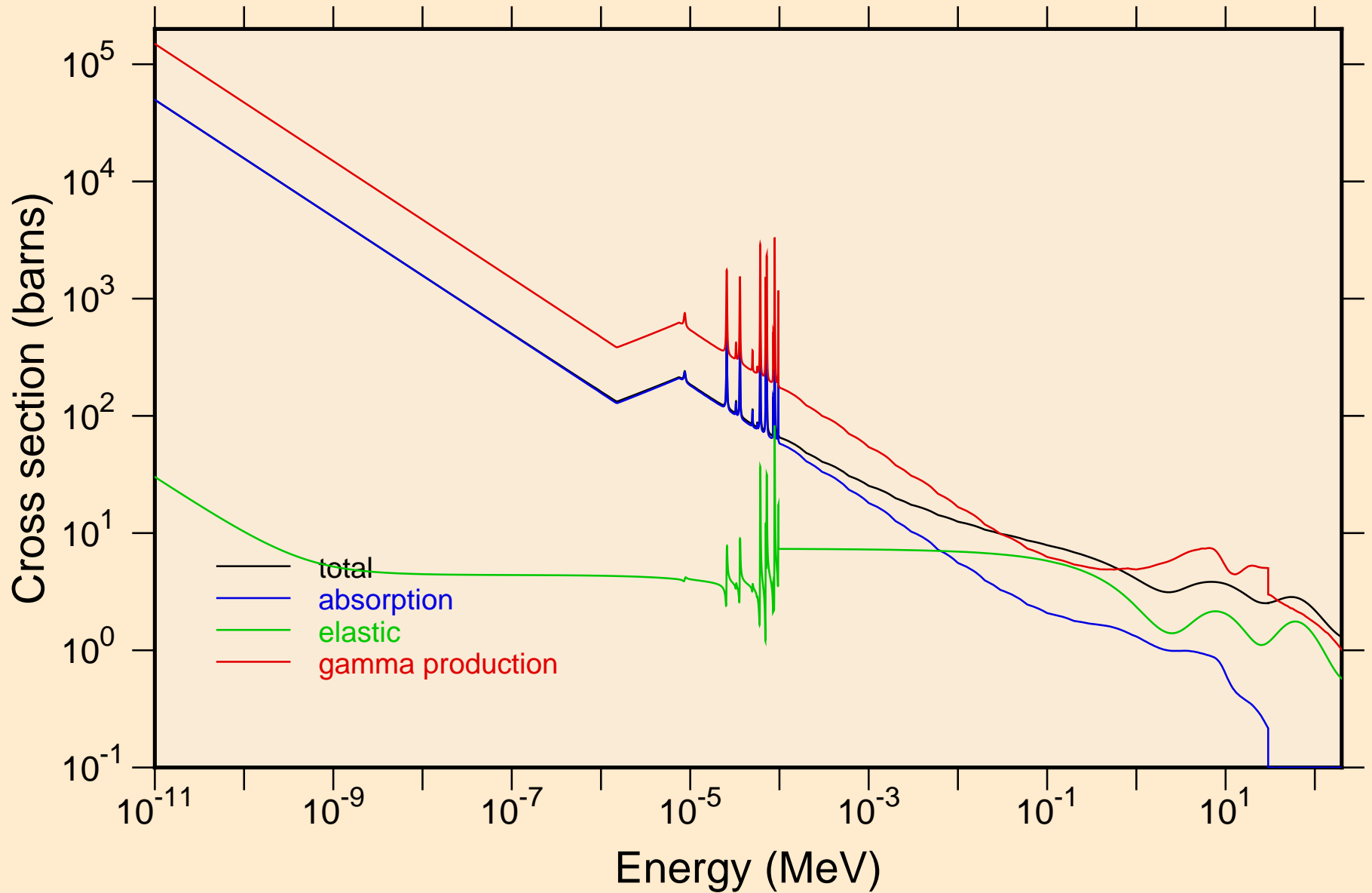
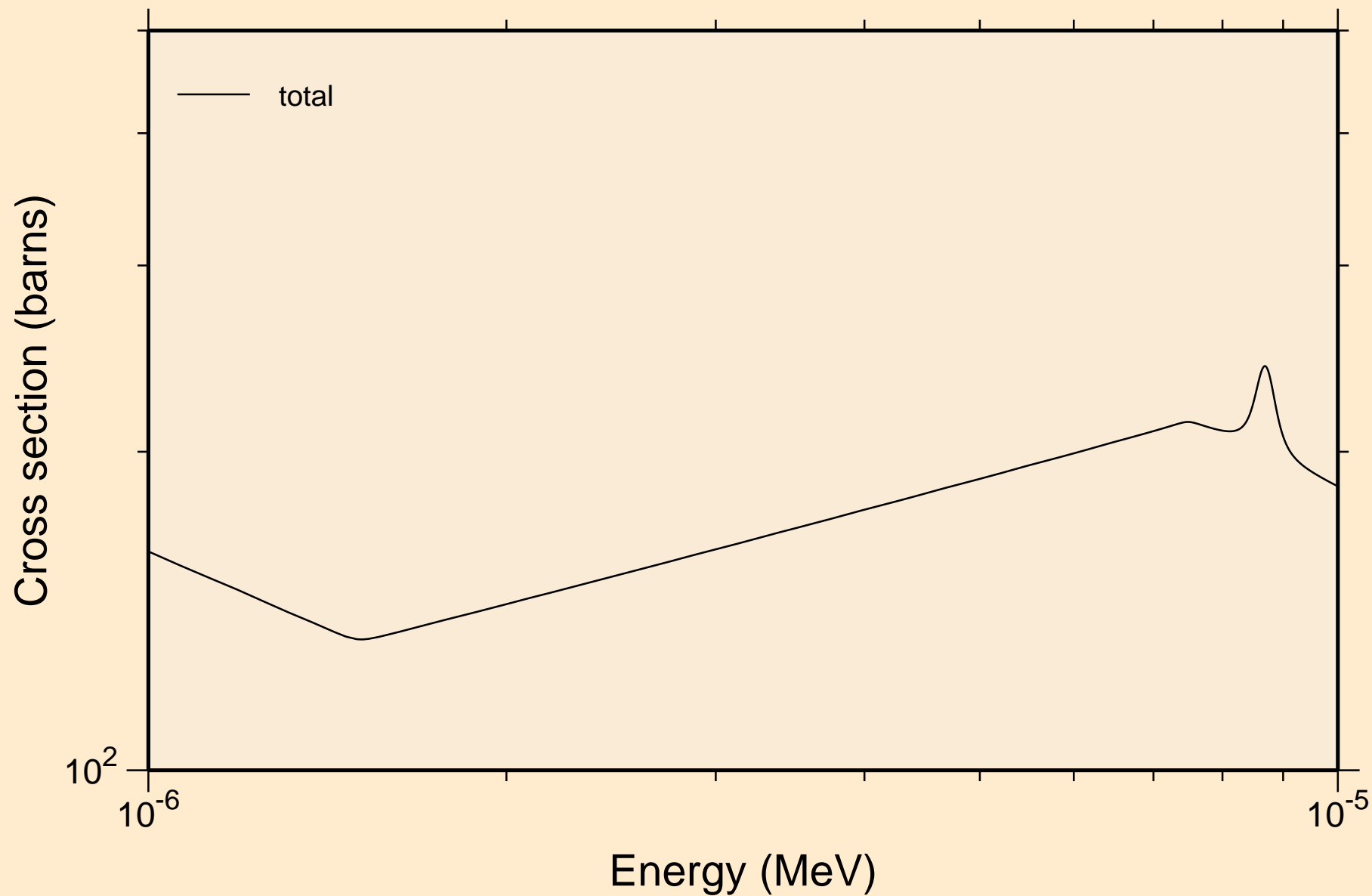


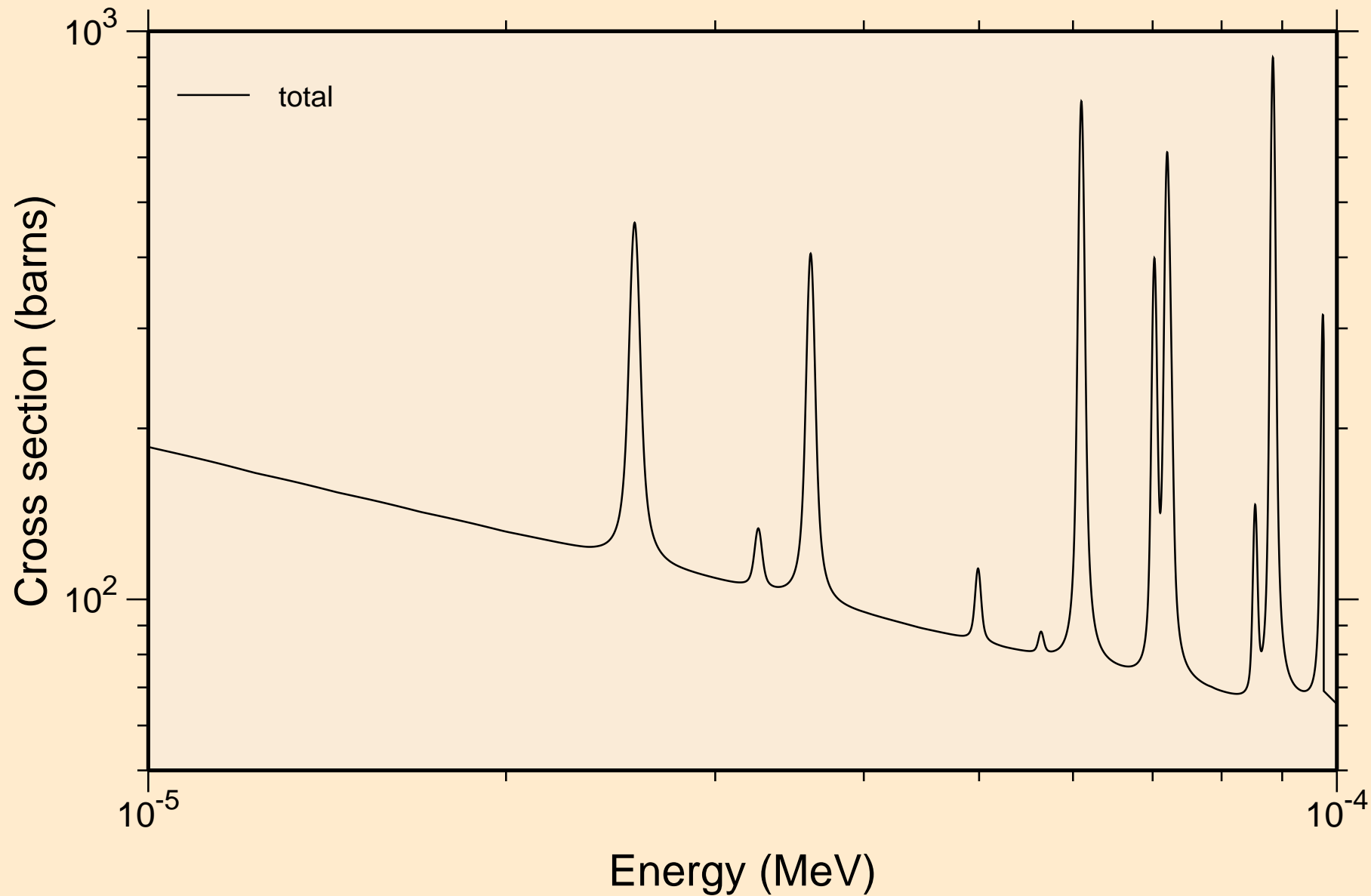
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



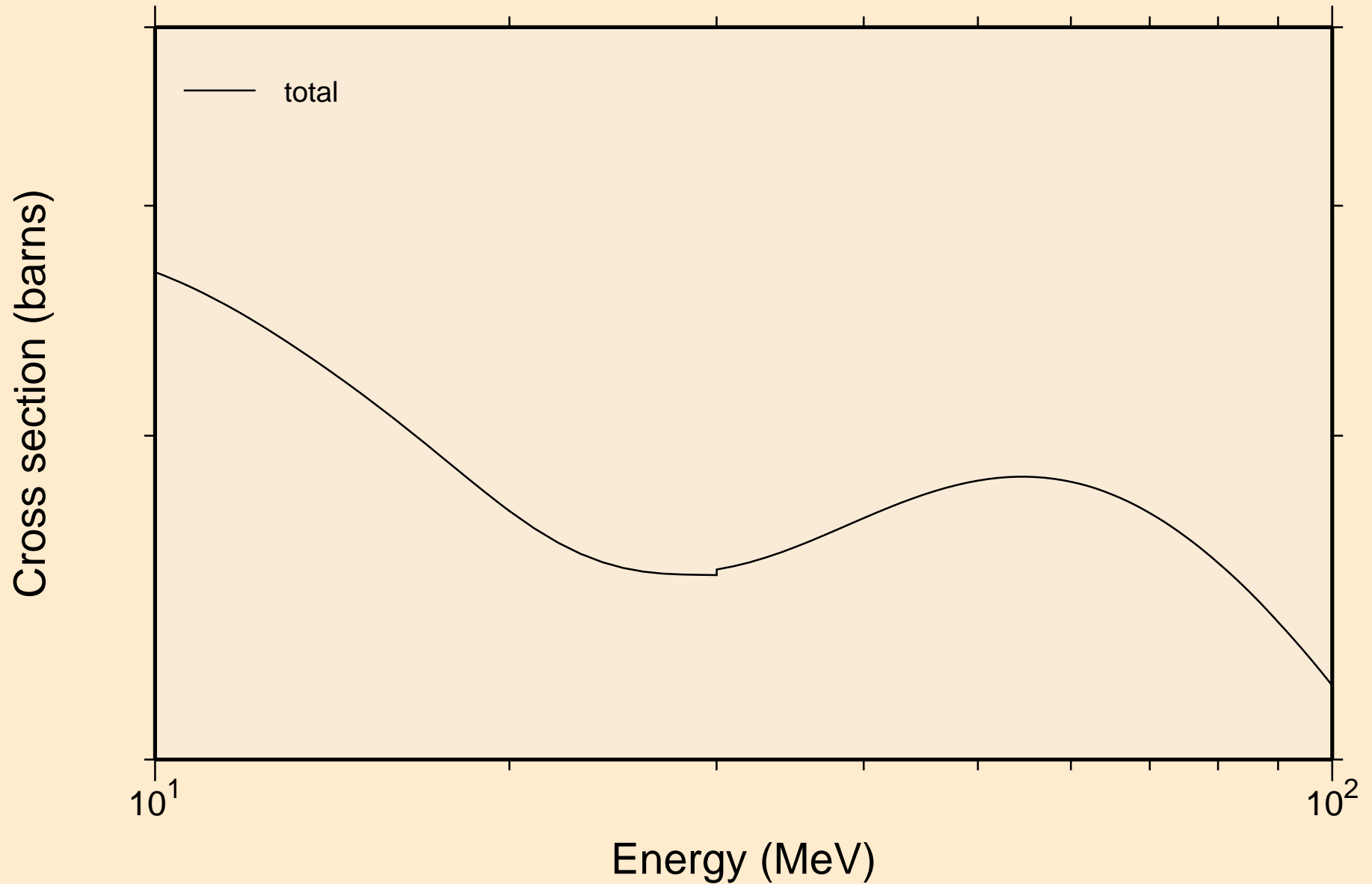
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



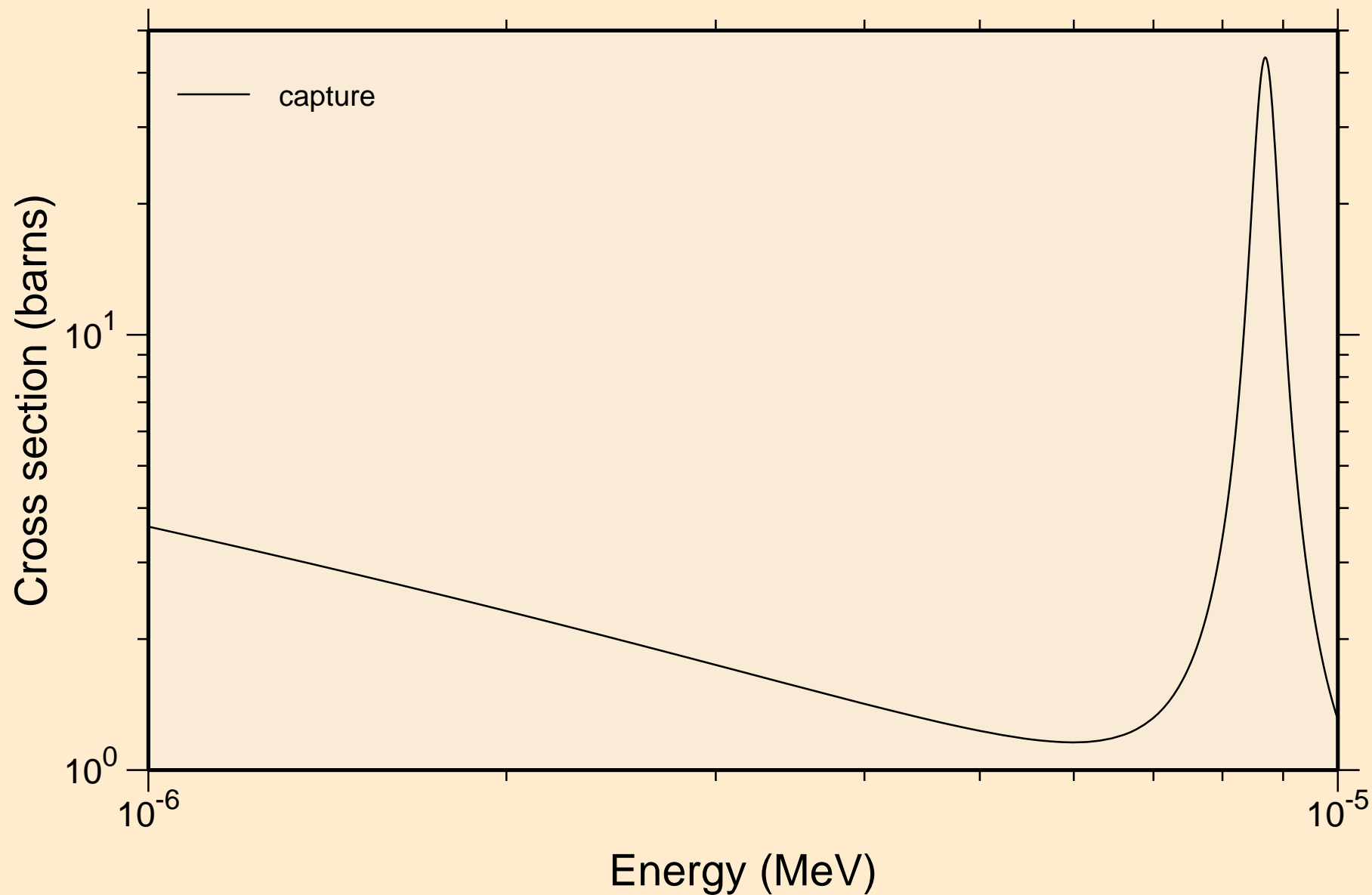
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



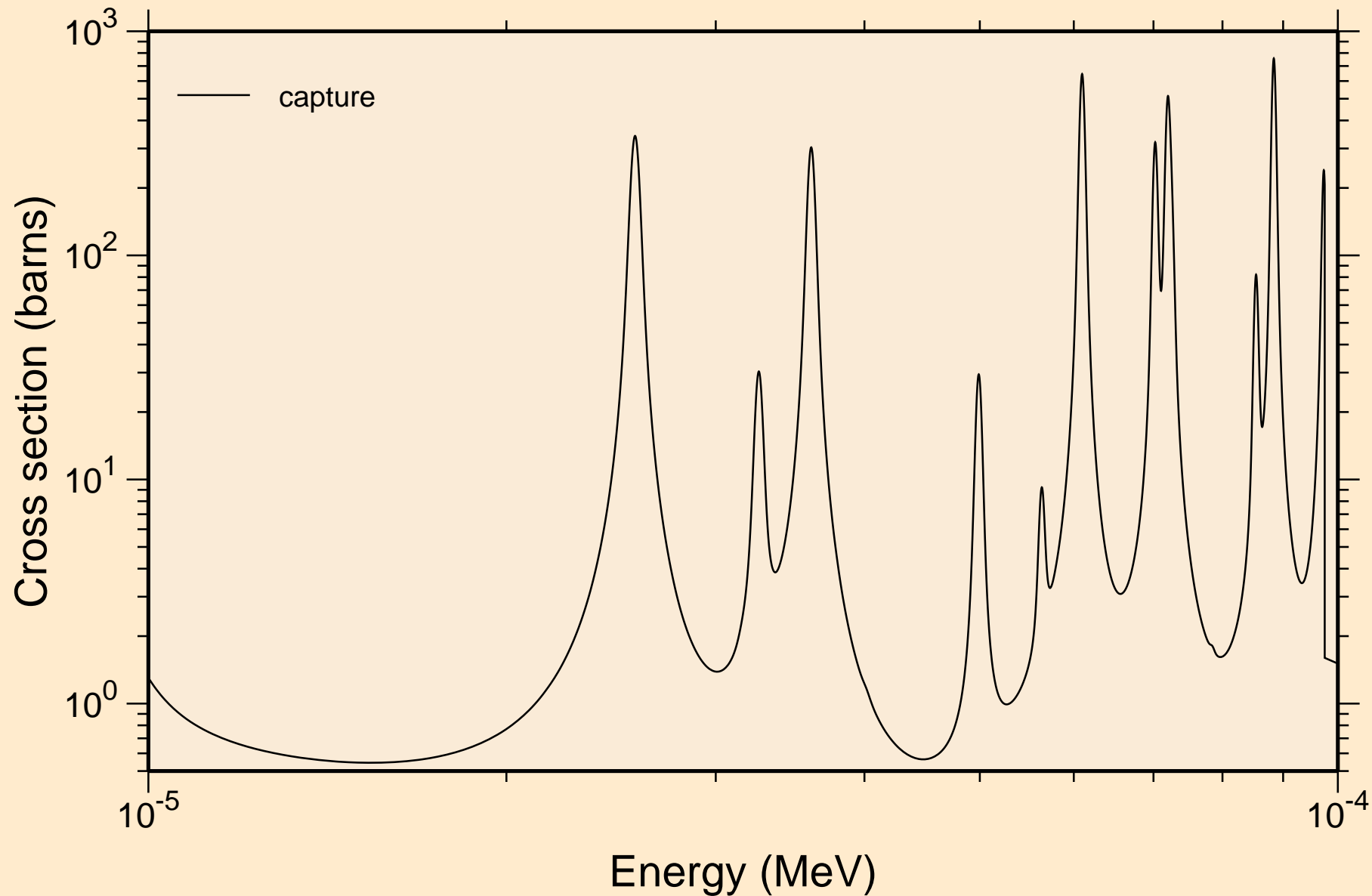
A5070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



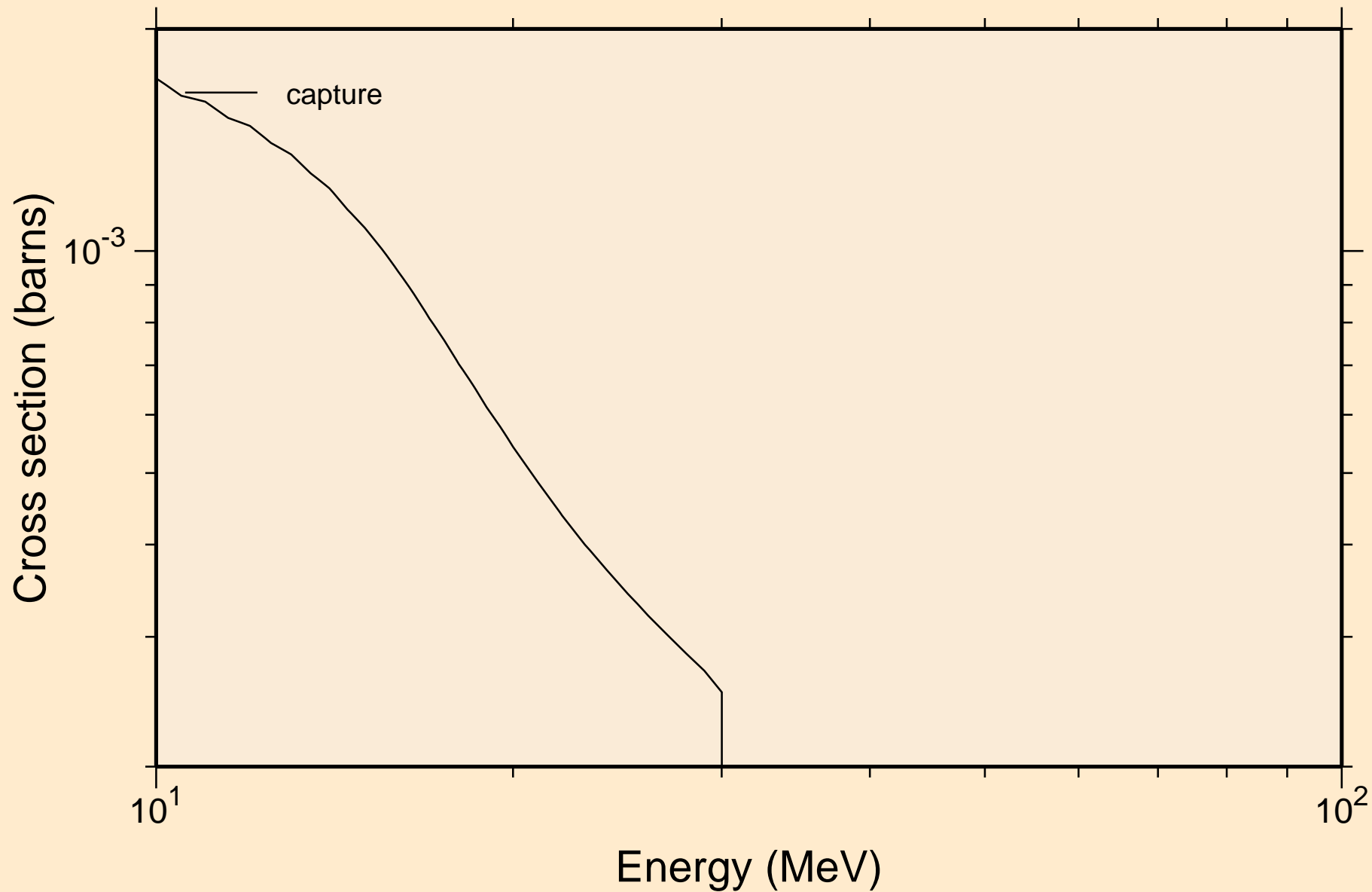
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



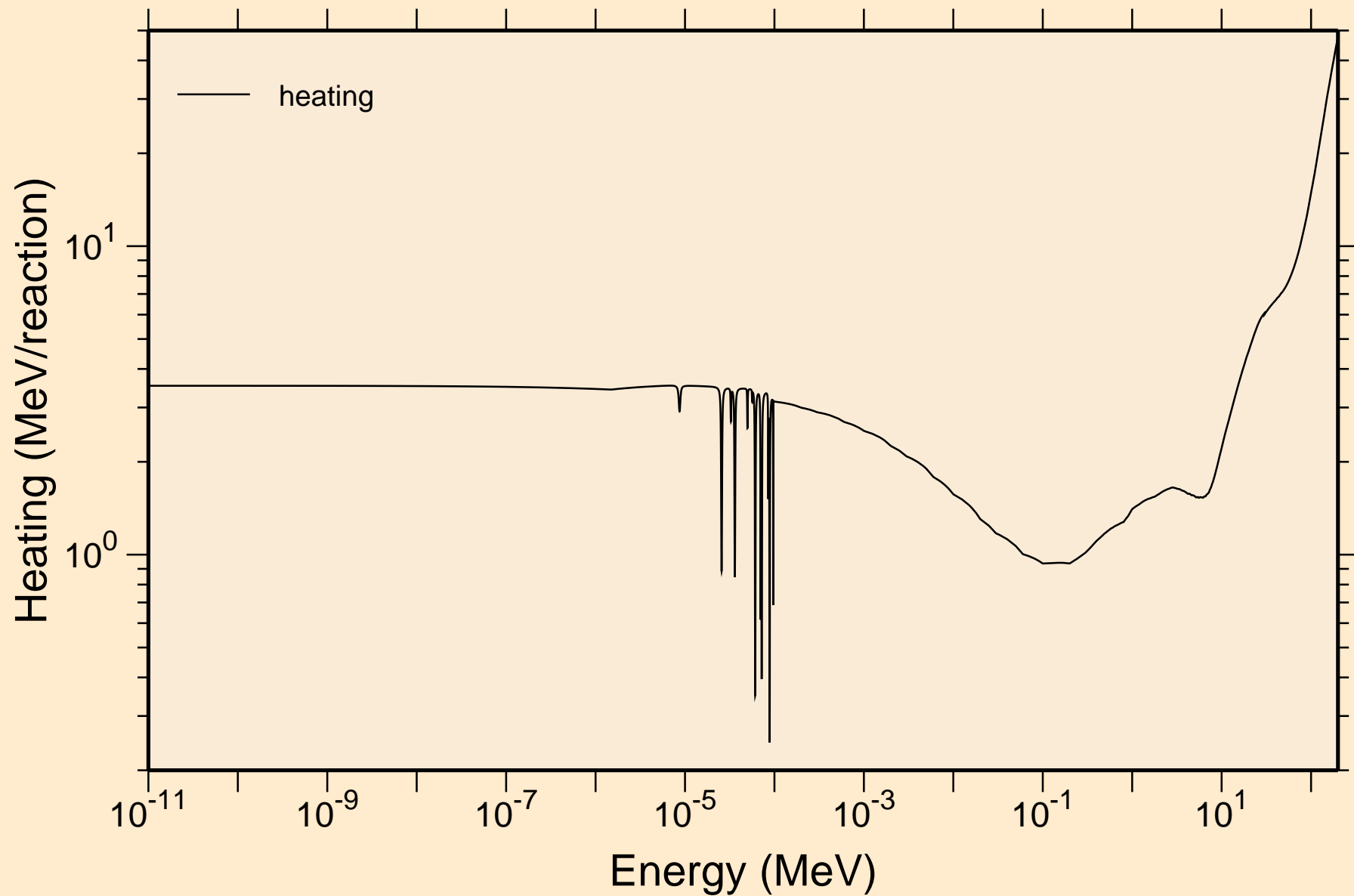
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

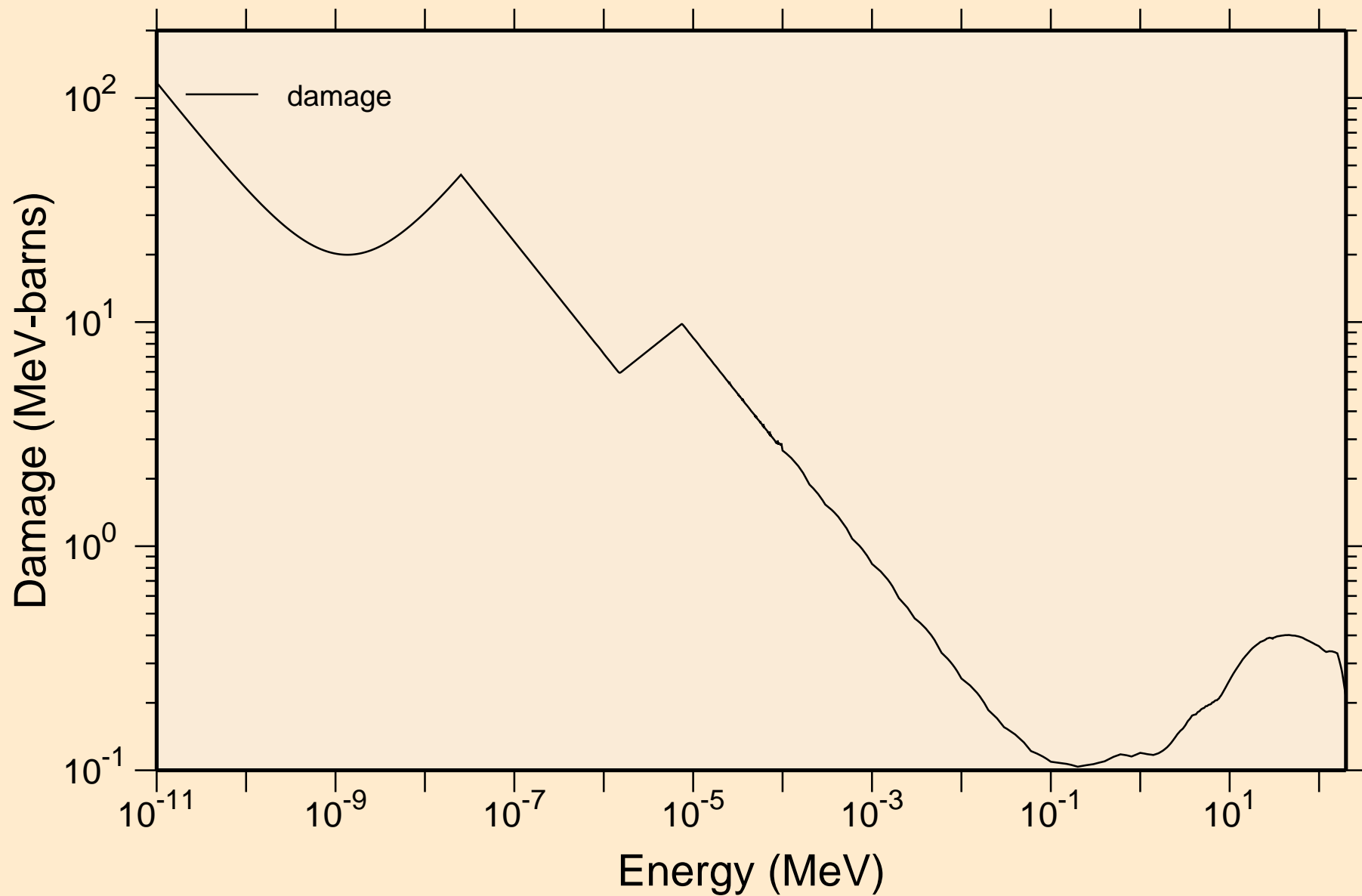


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

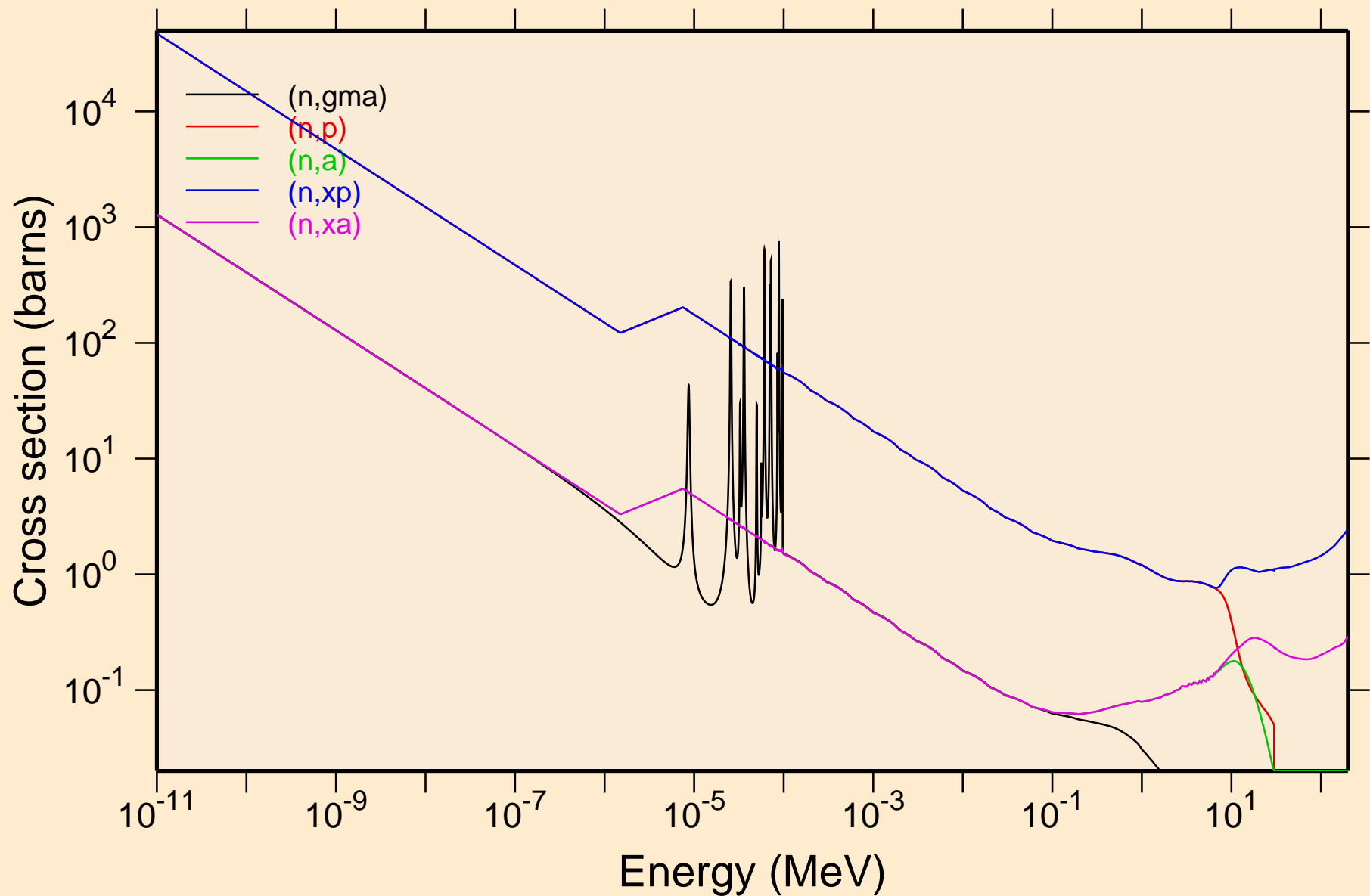




AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

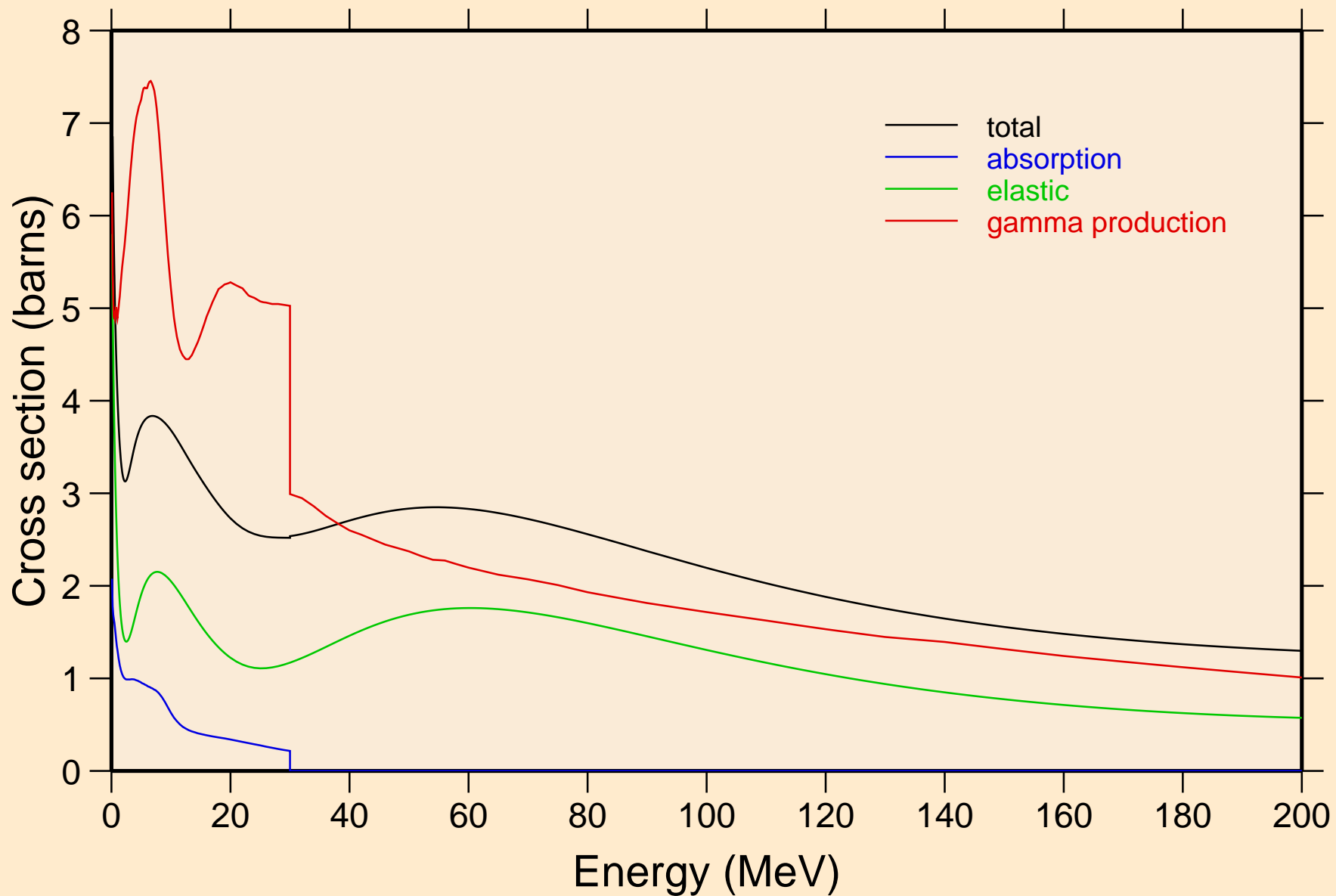


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

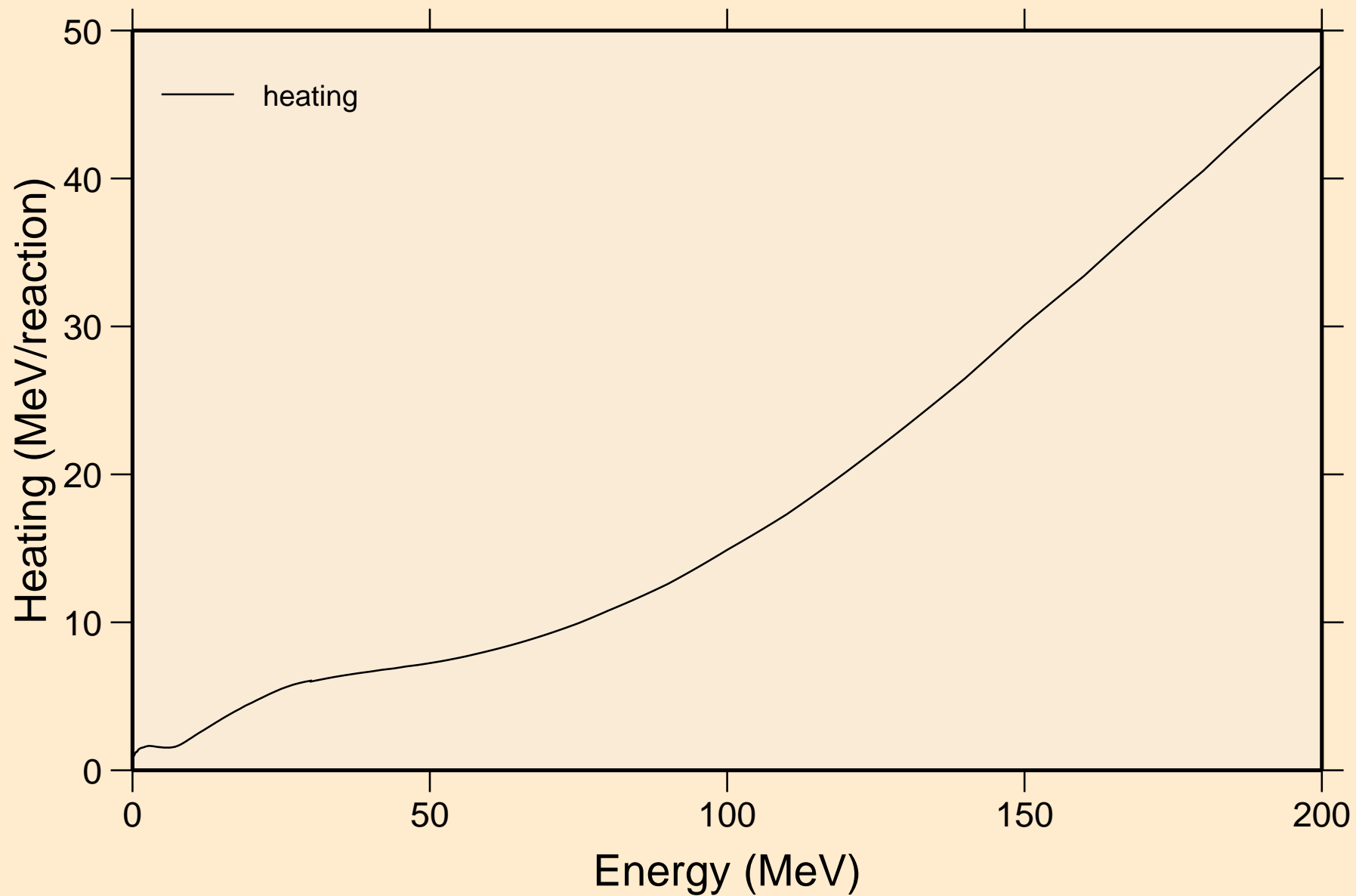


# AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

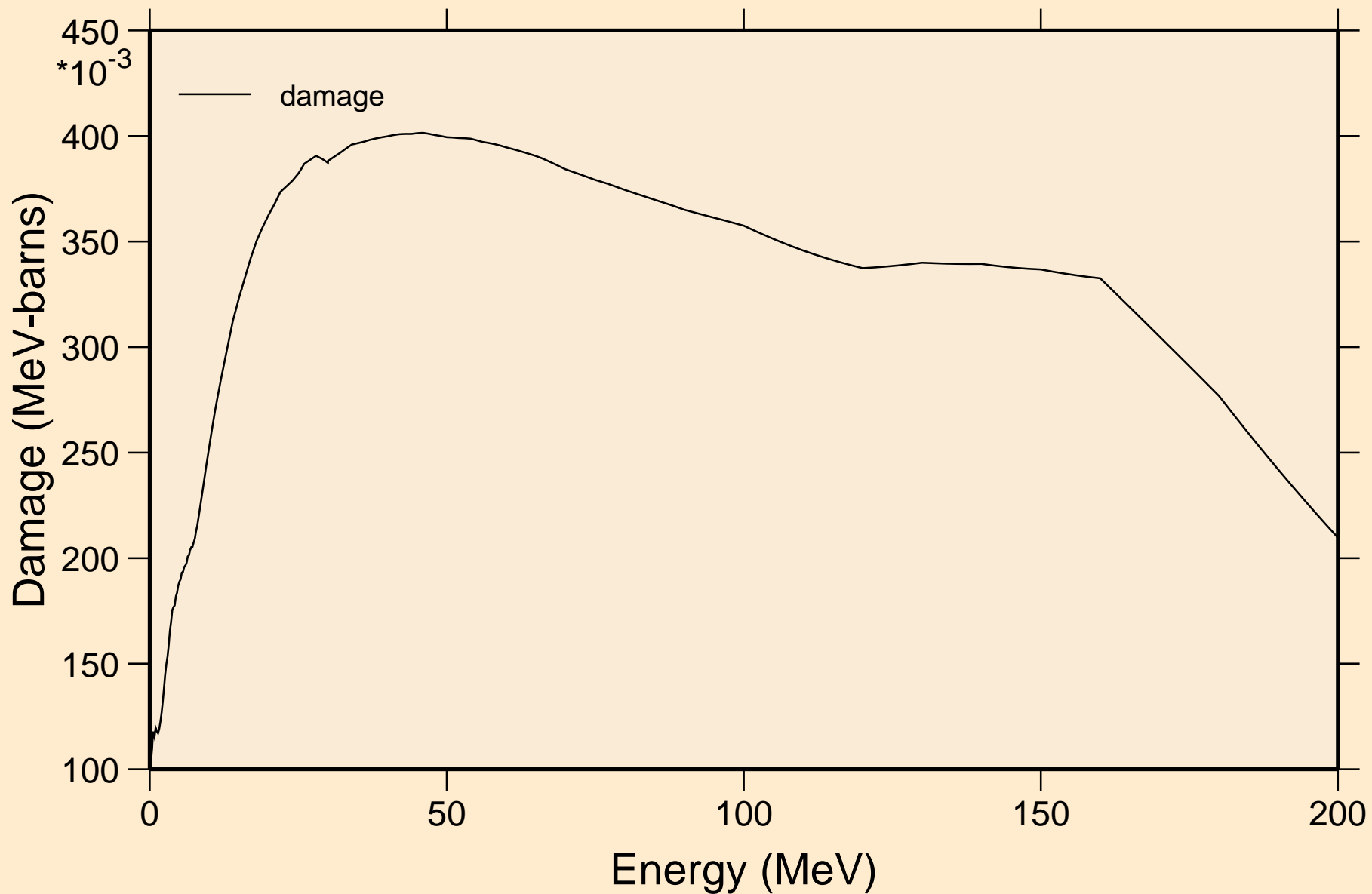
## Principal cross sections



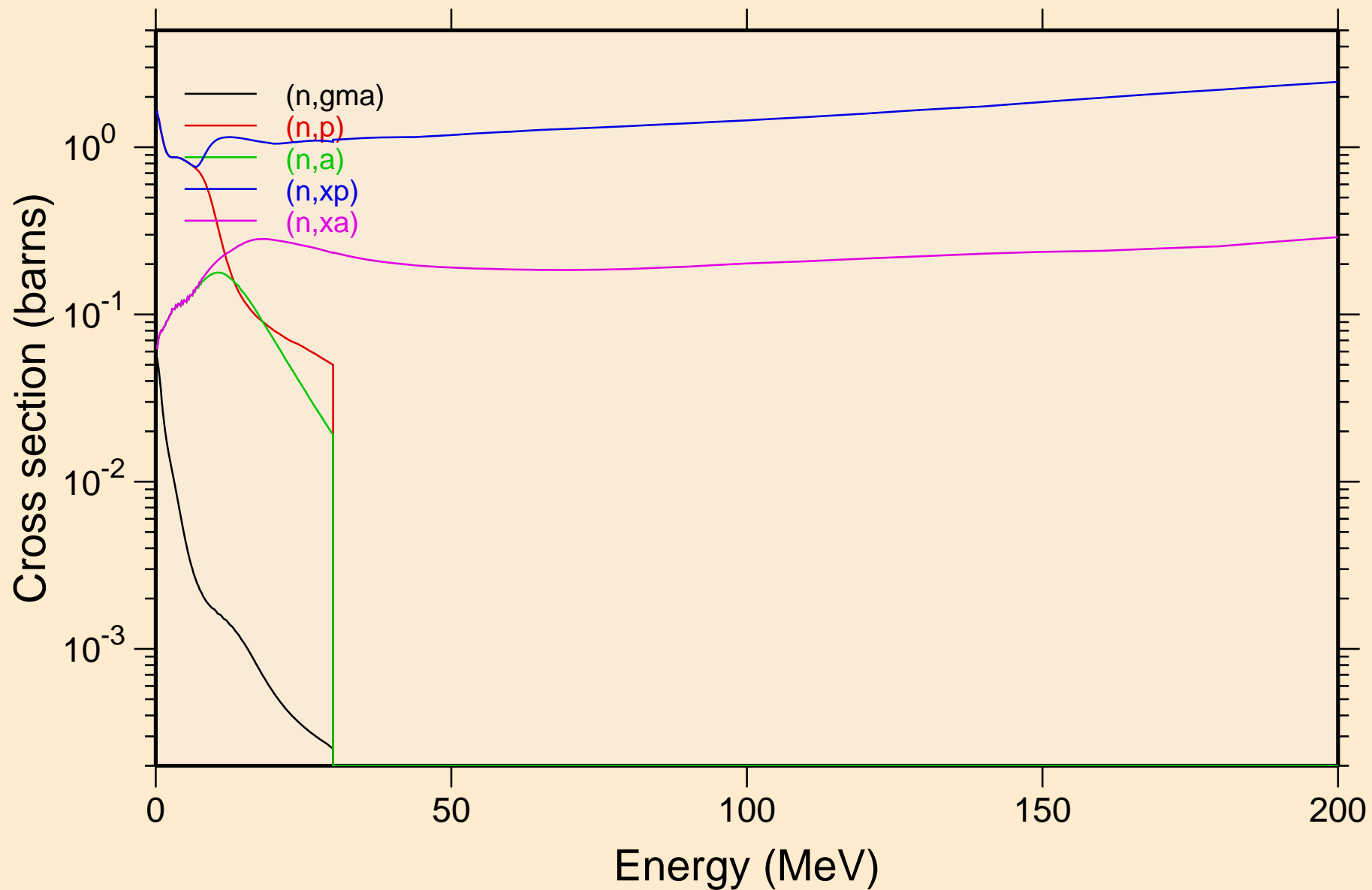
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



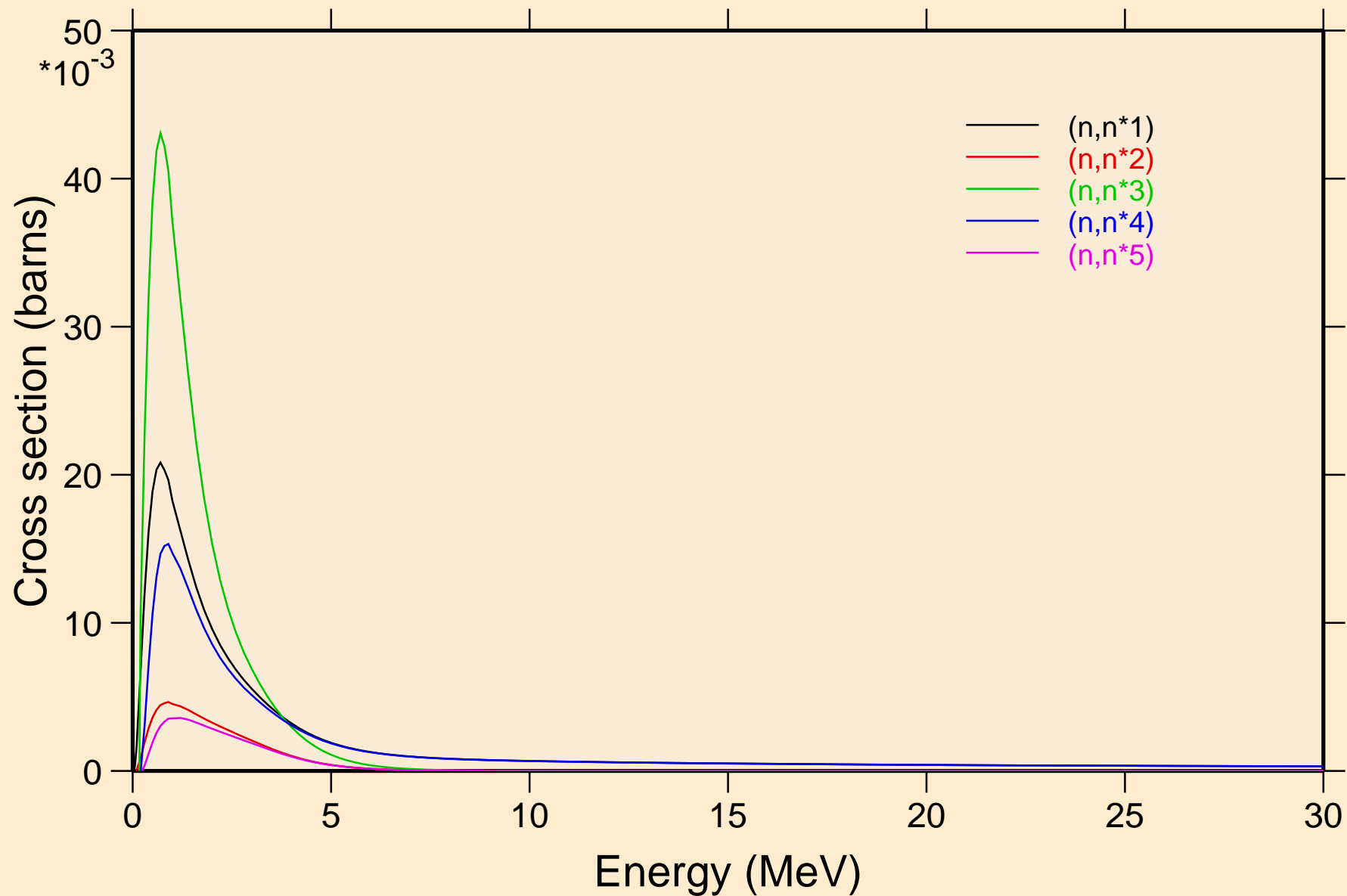
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



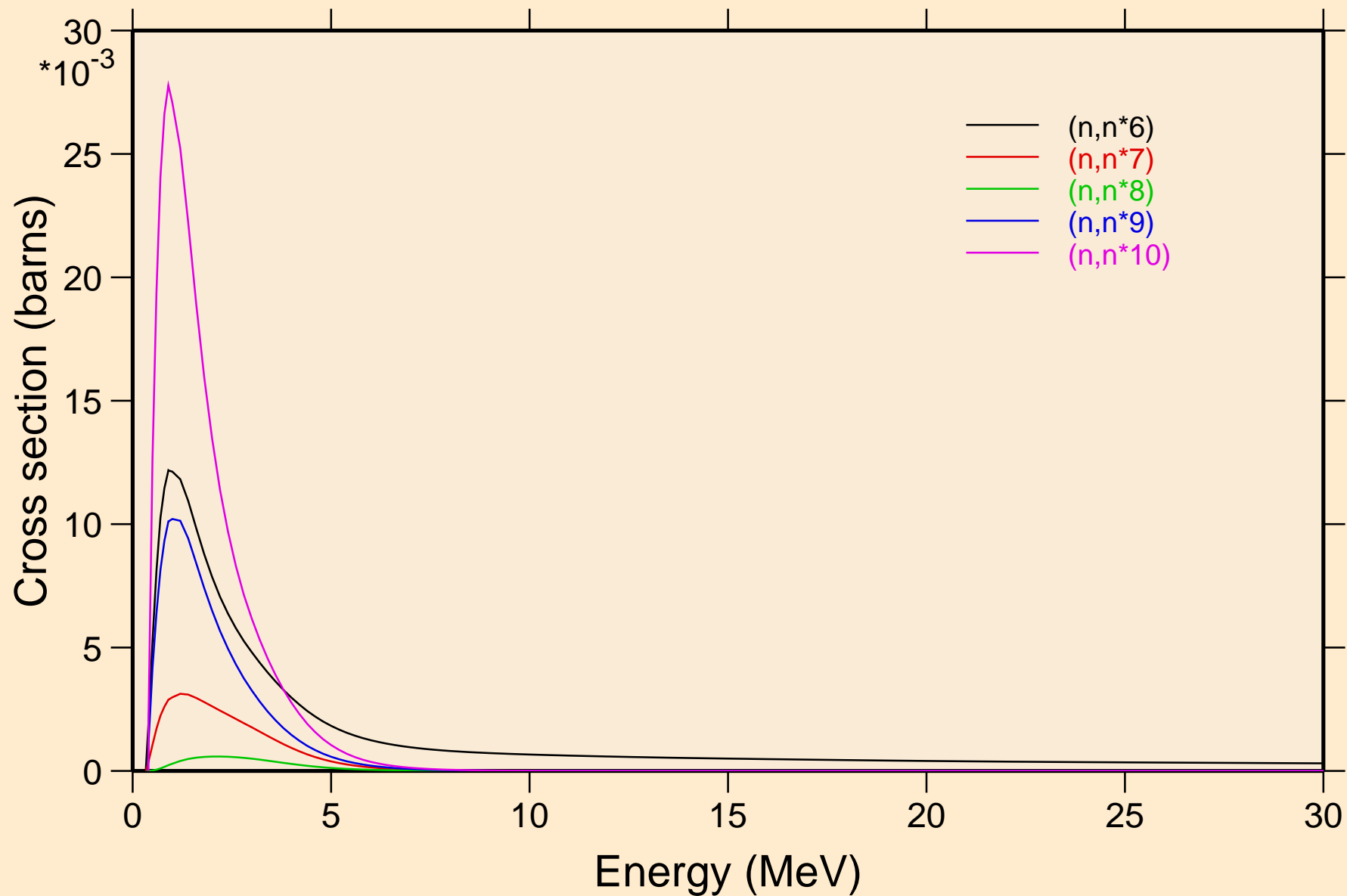
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

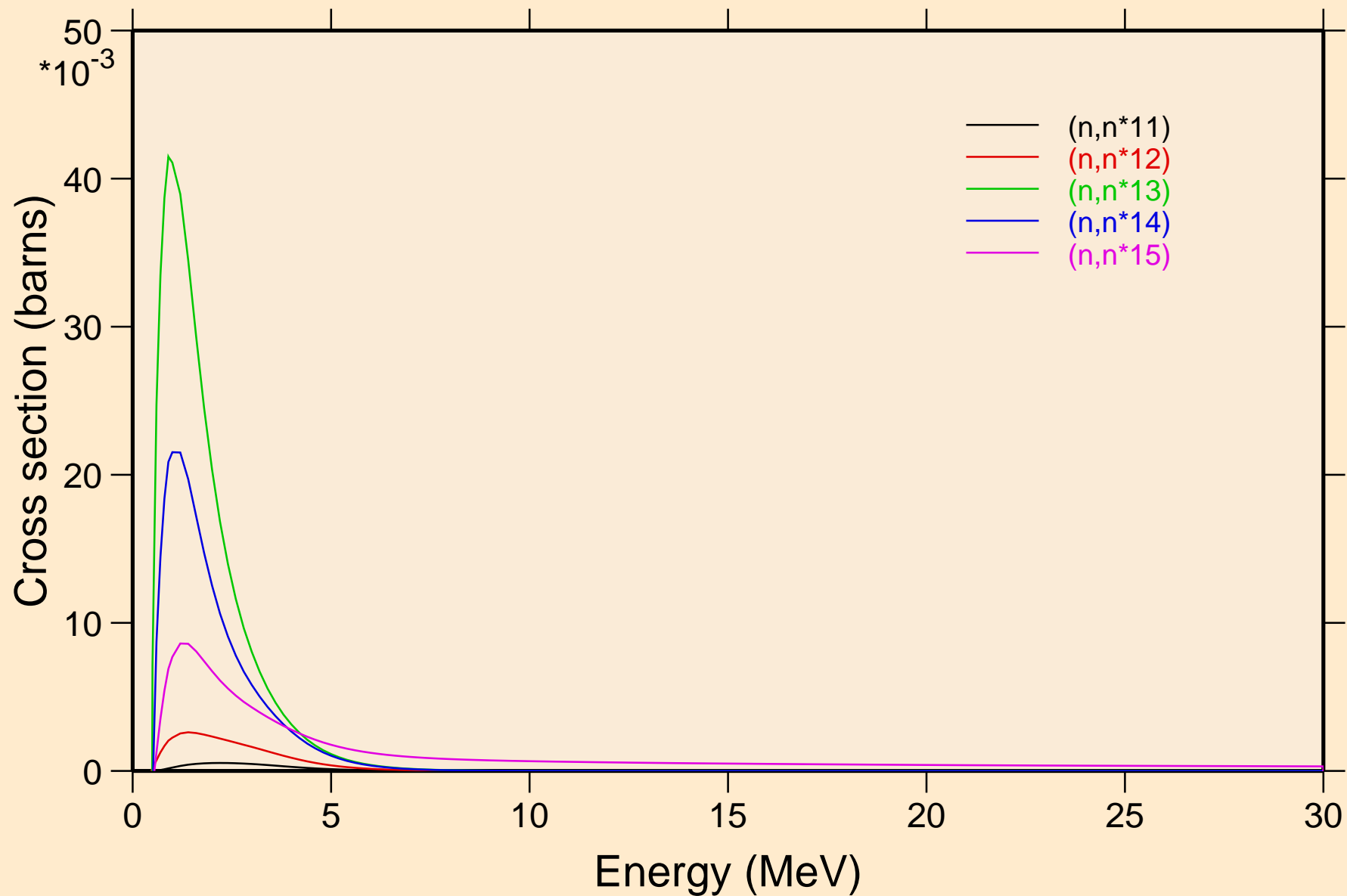


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

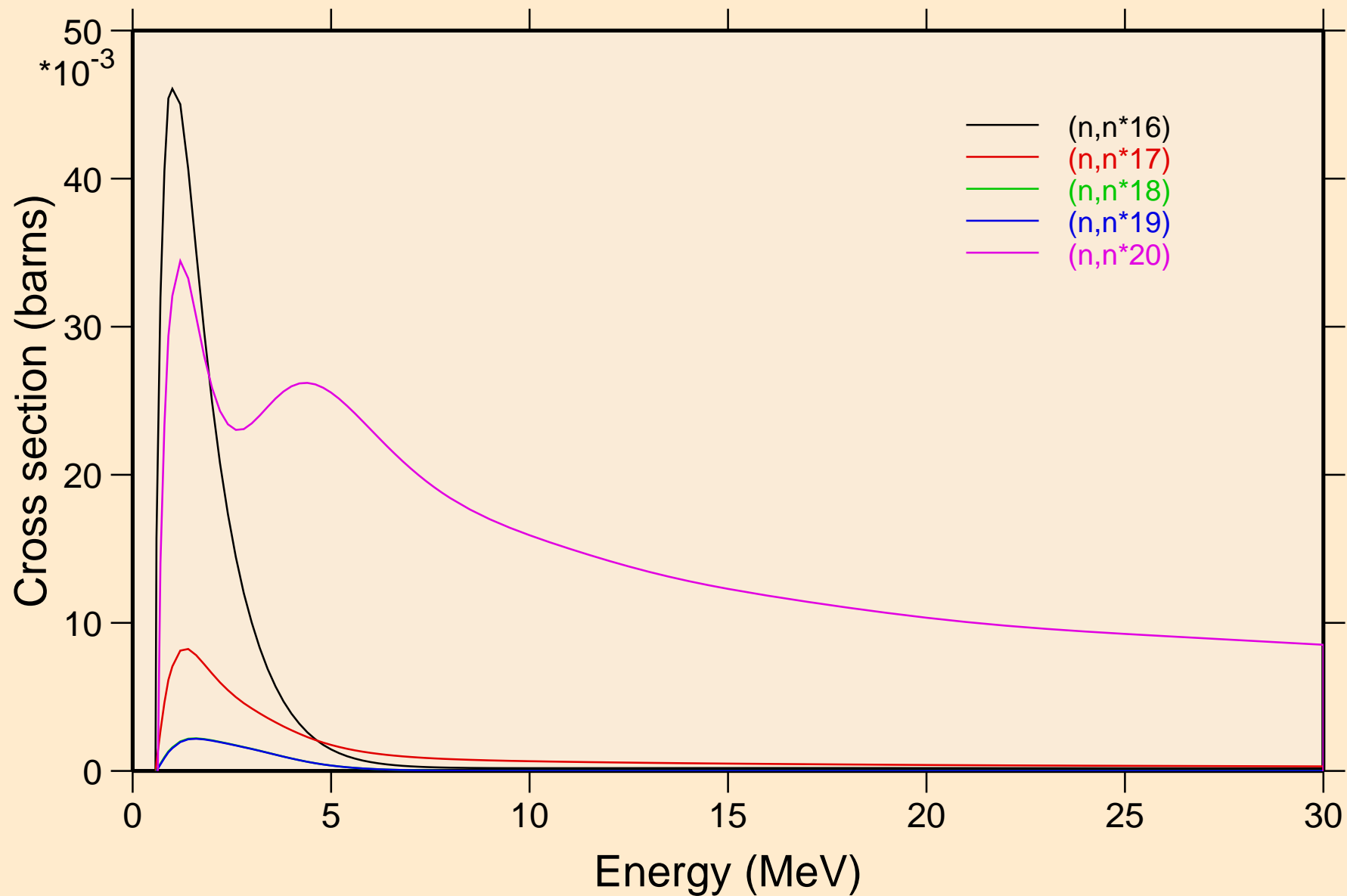




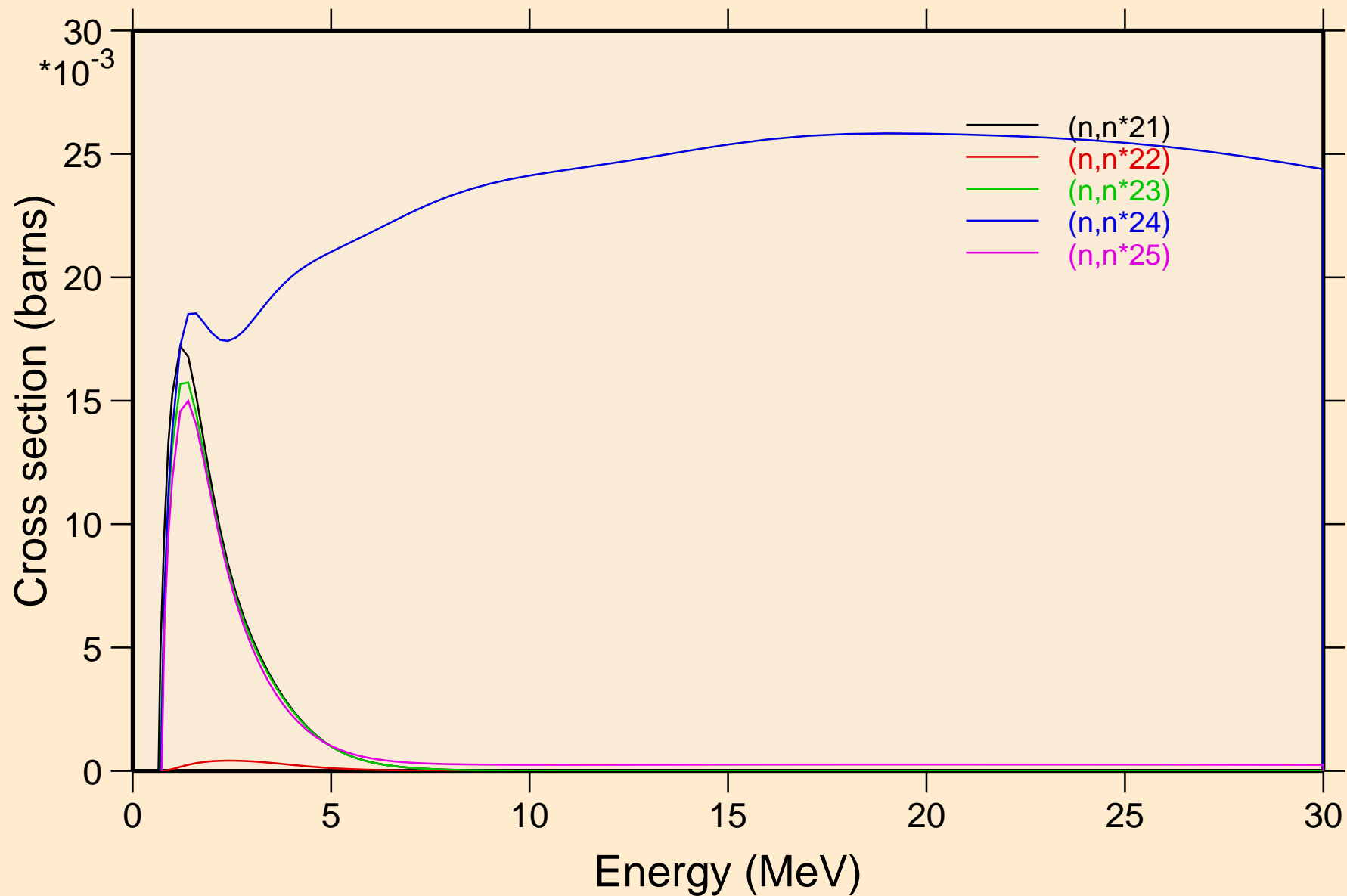
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



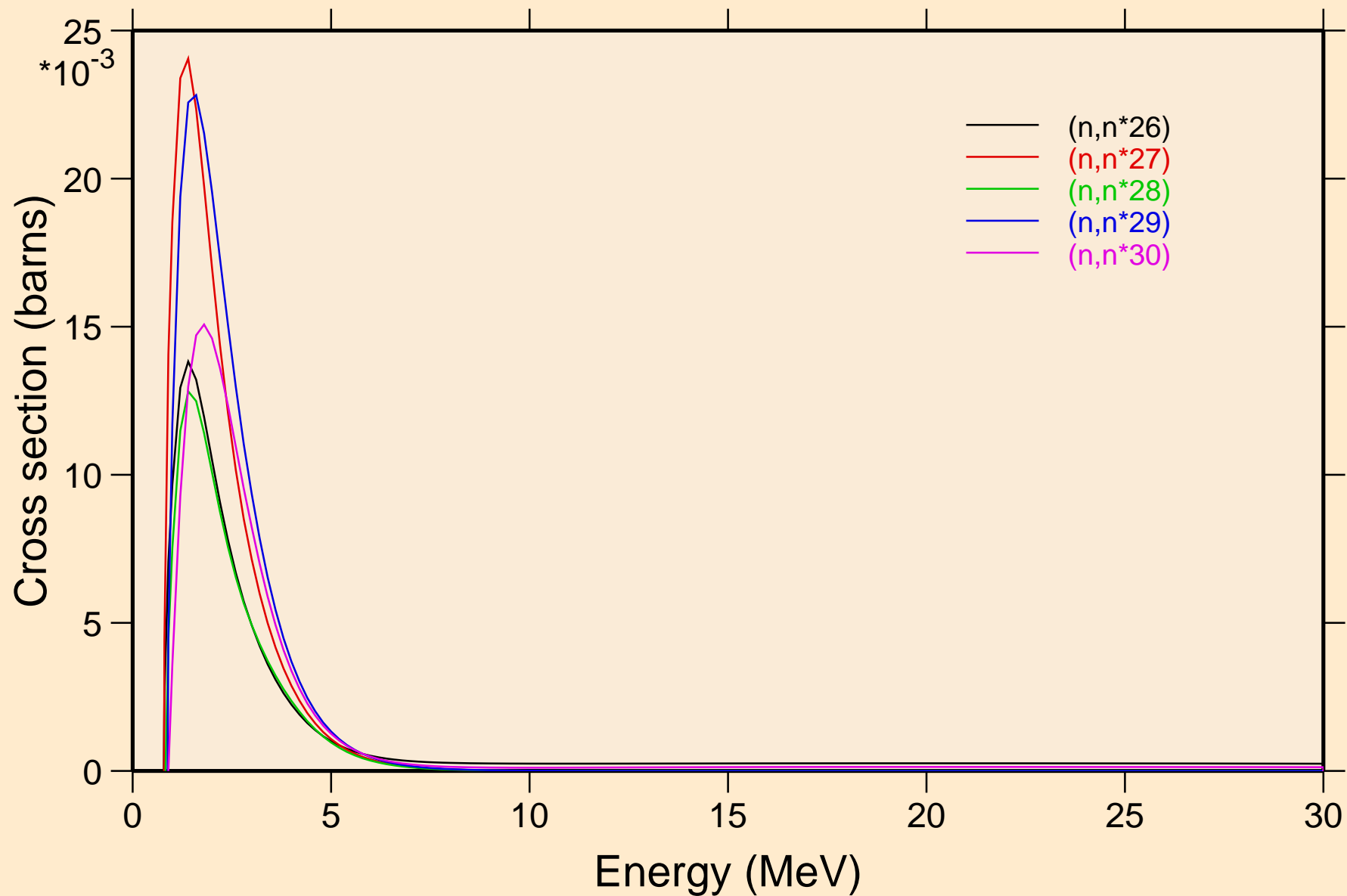
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



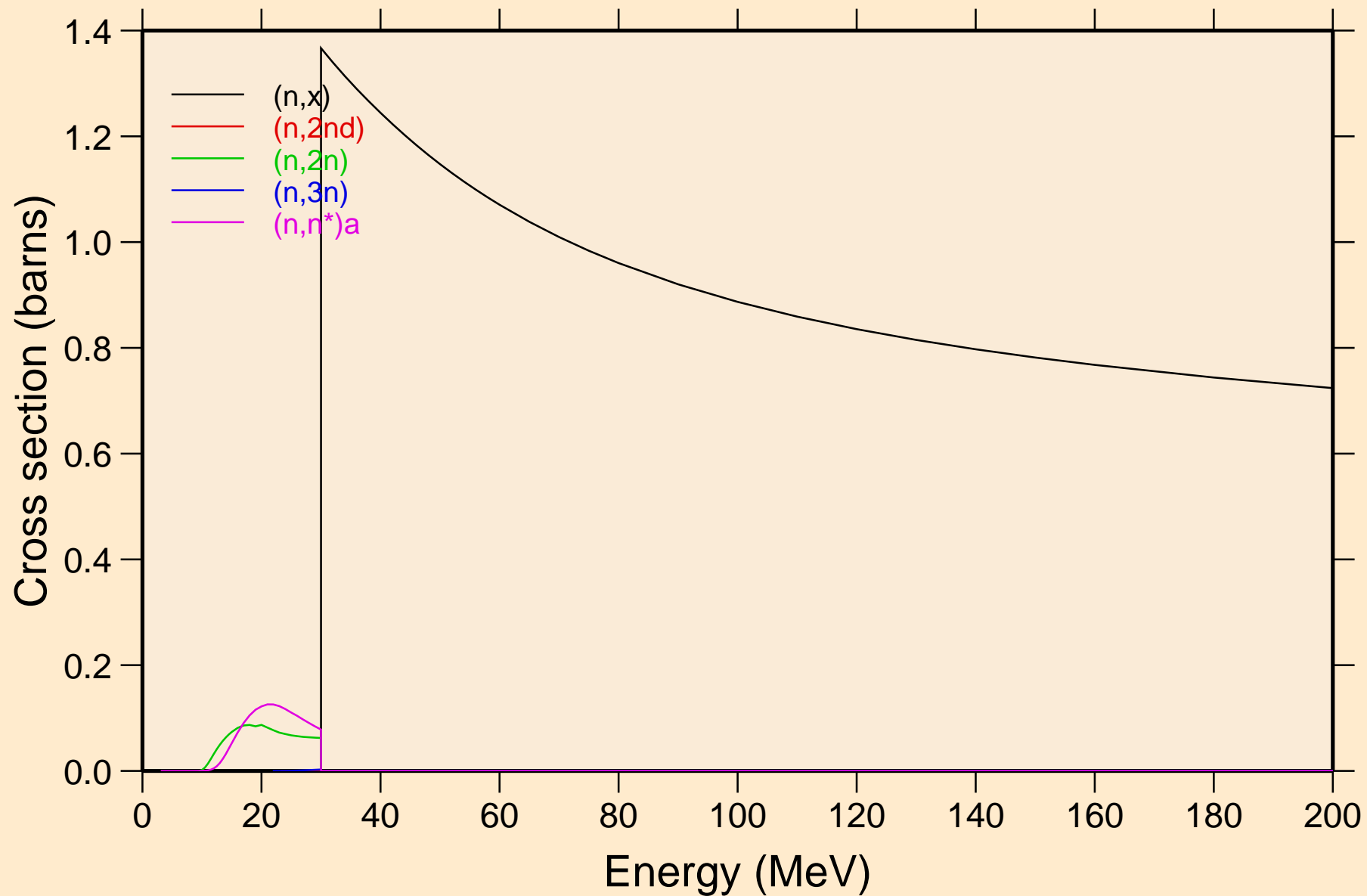
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



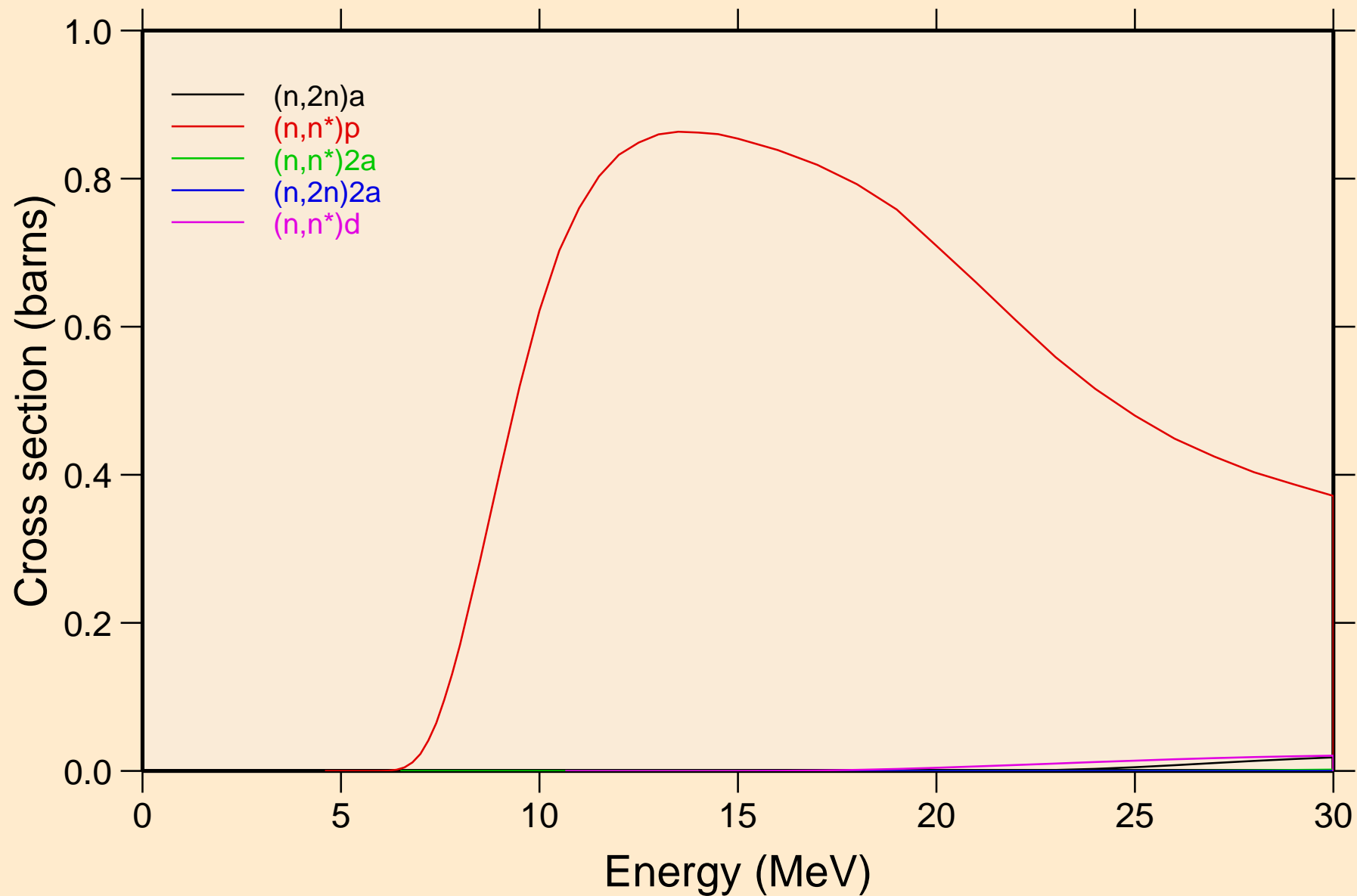
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



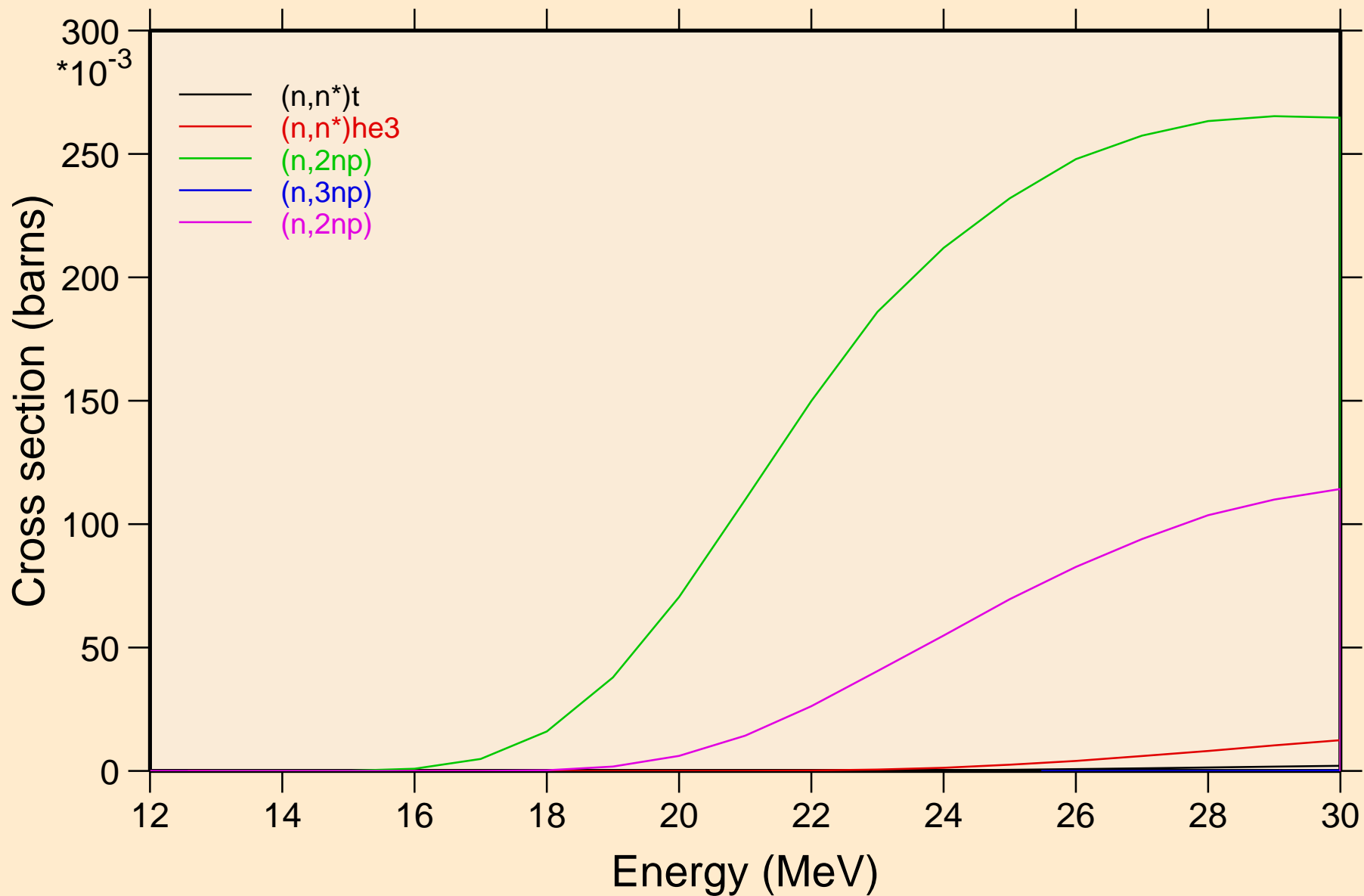
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



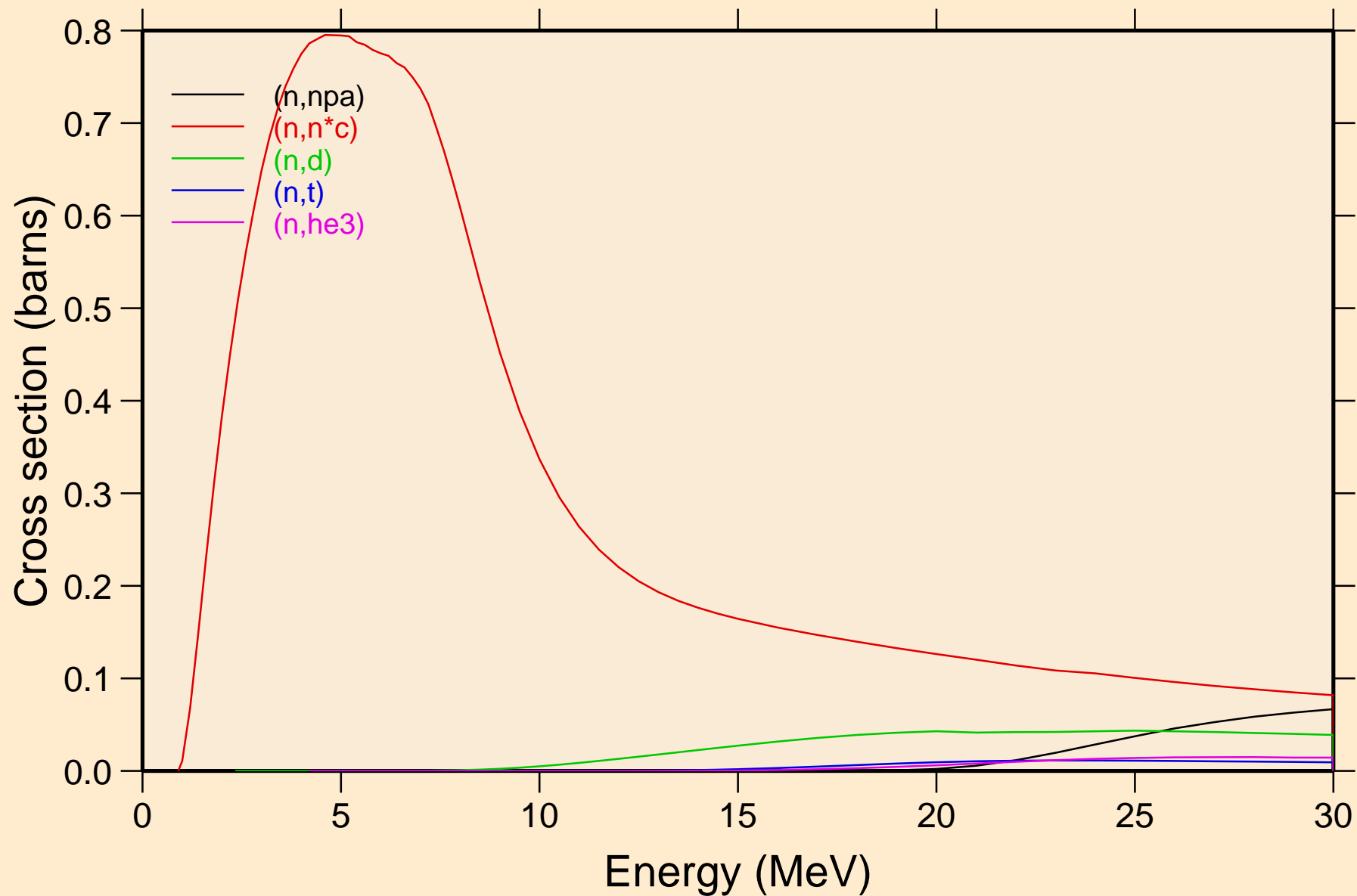
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

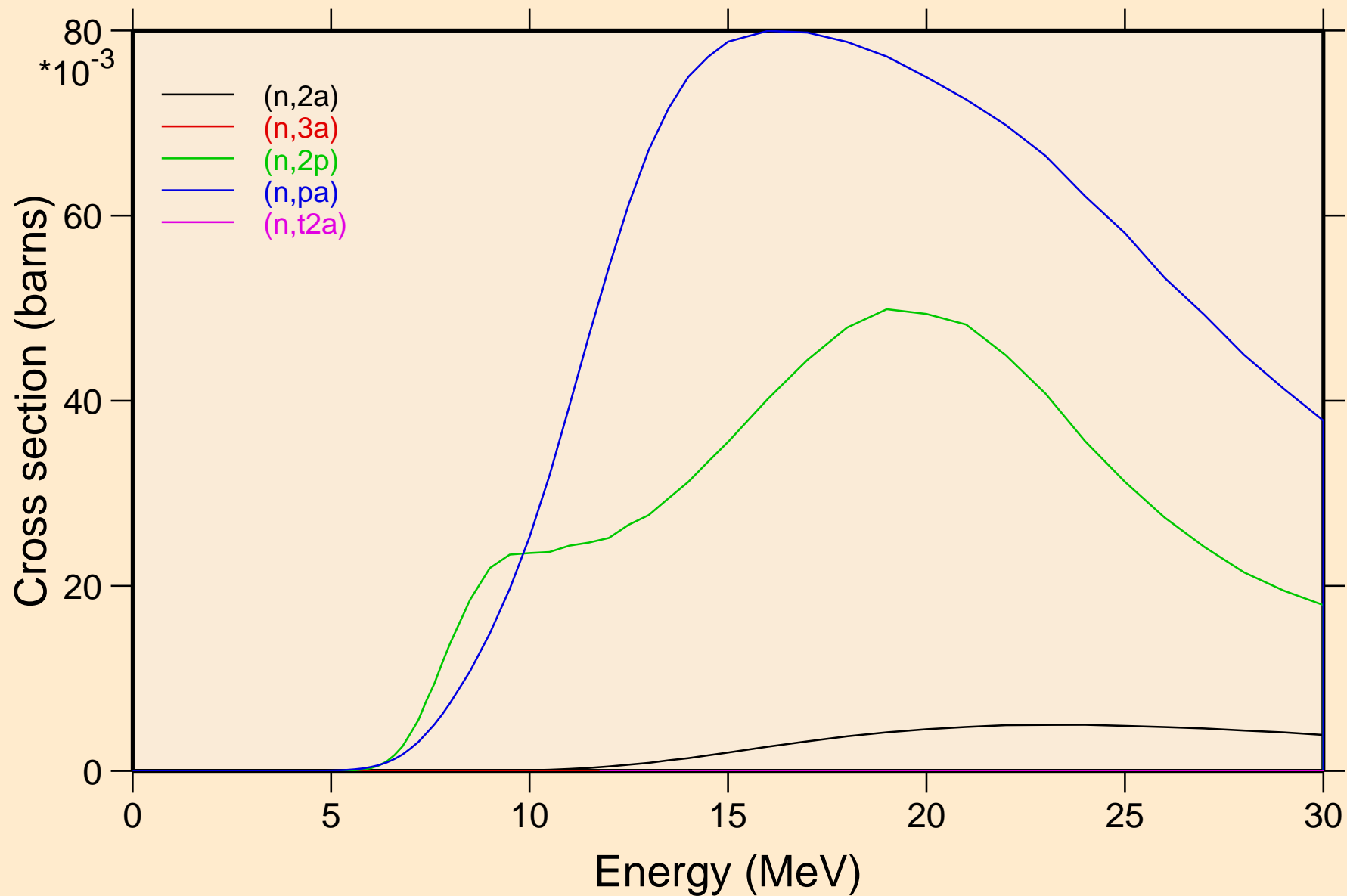


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

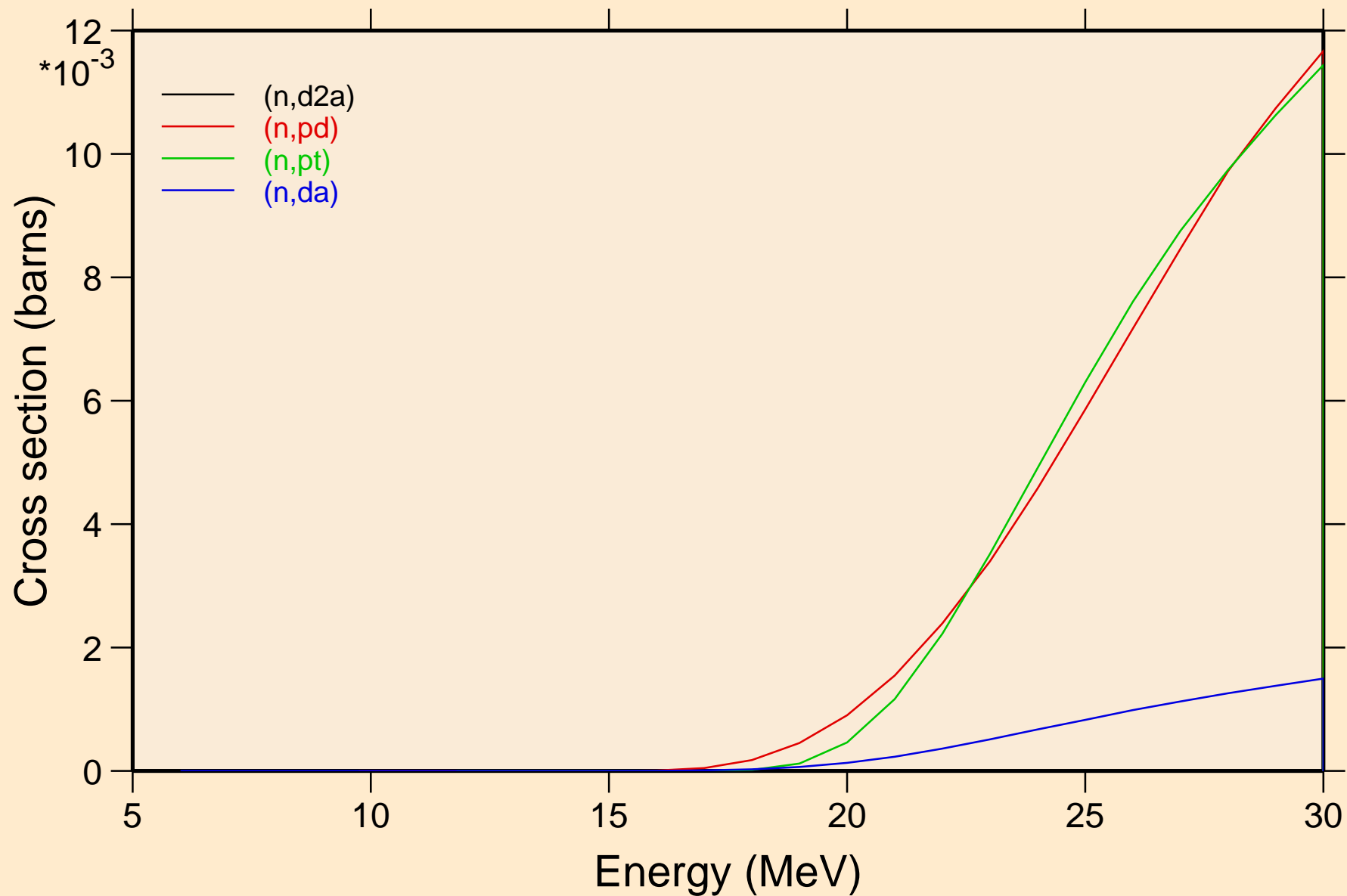




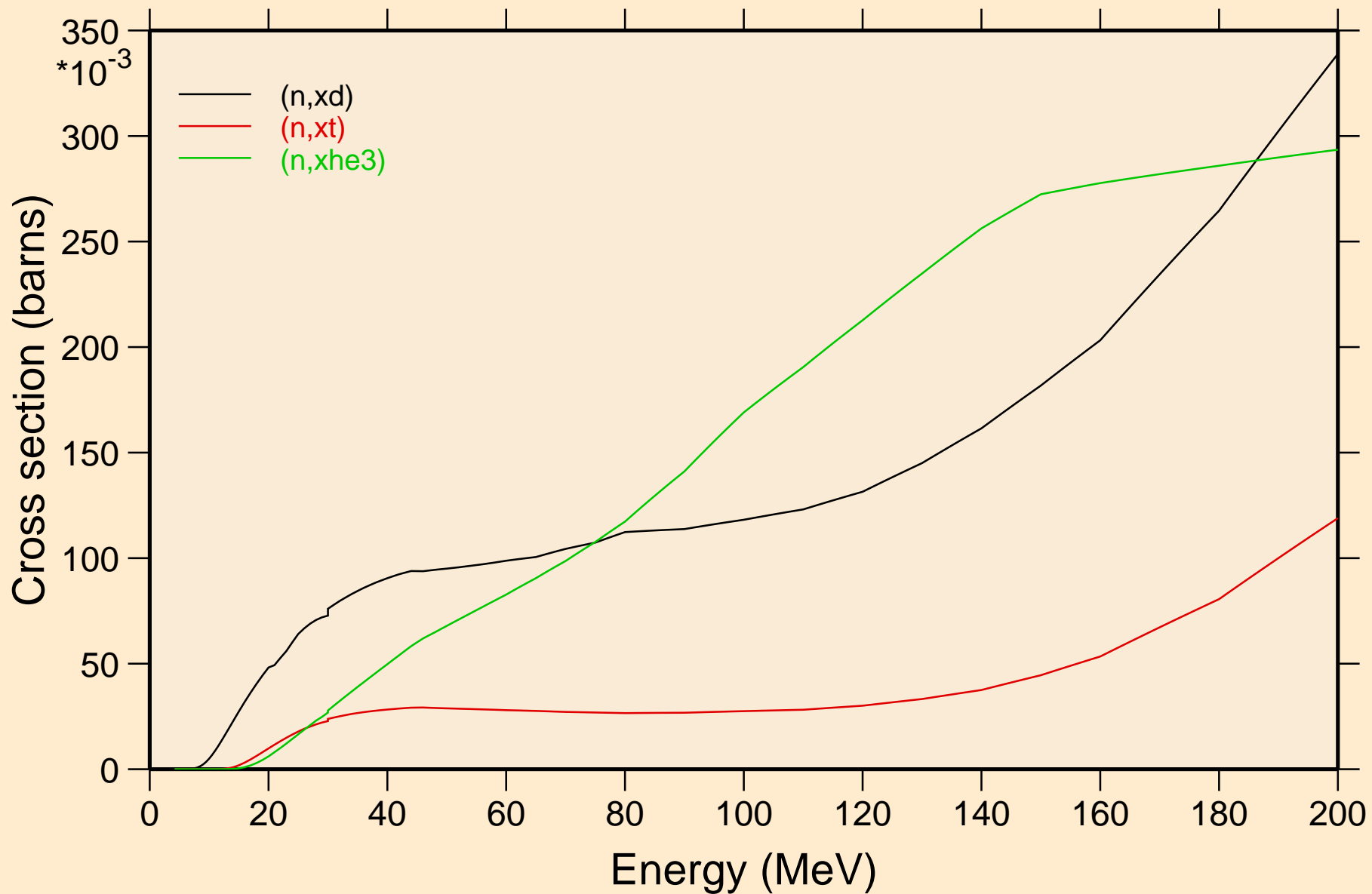
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



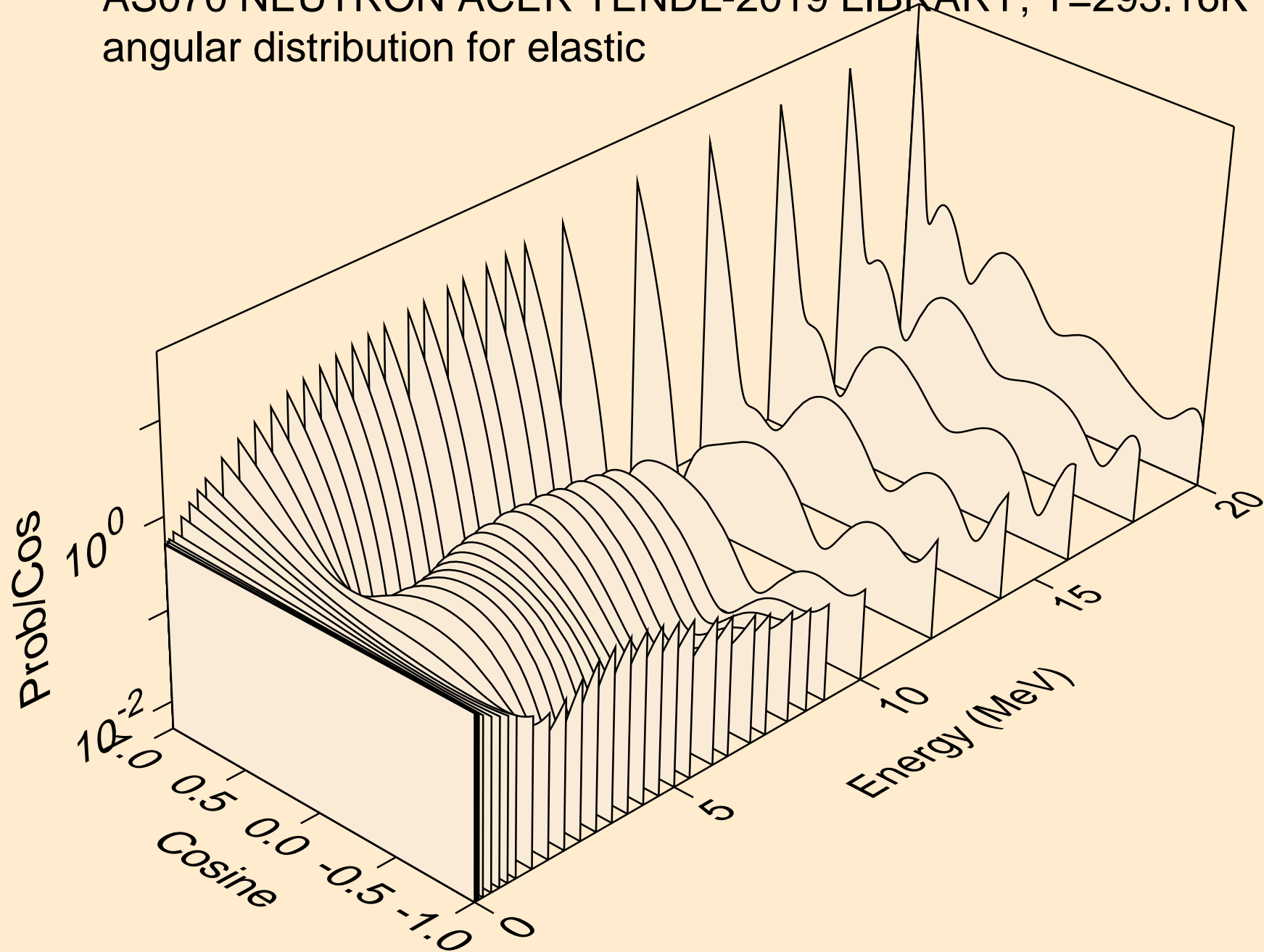
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



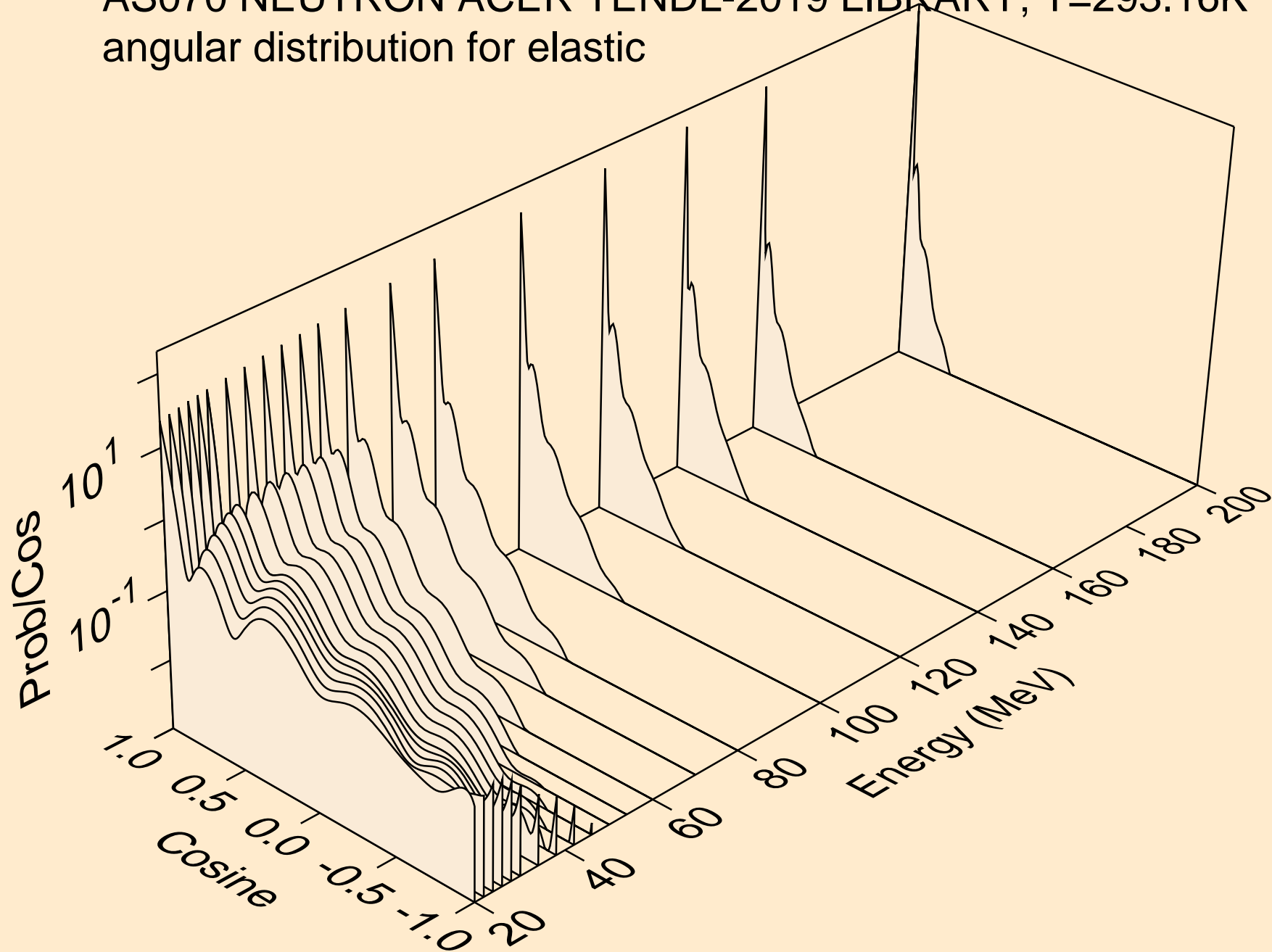
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



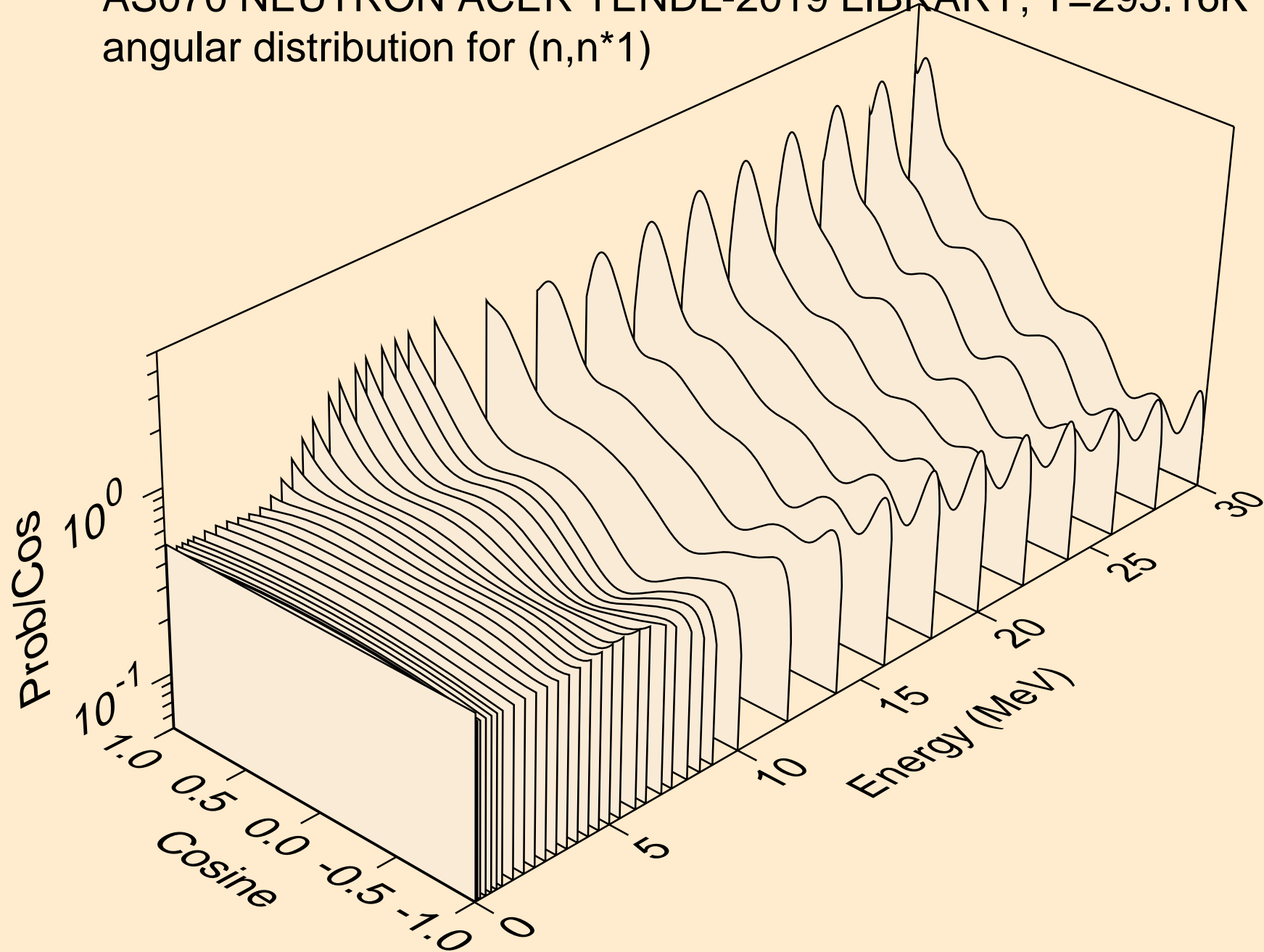
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



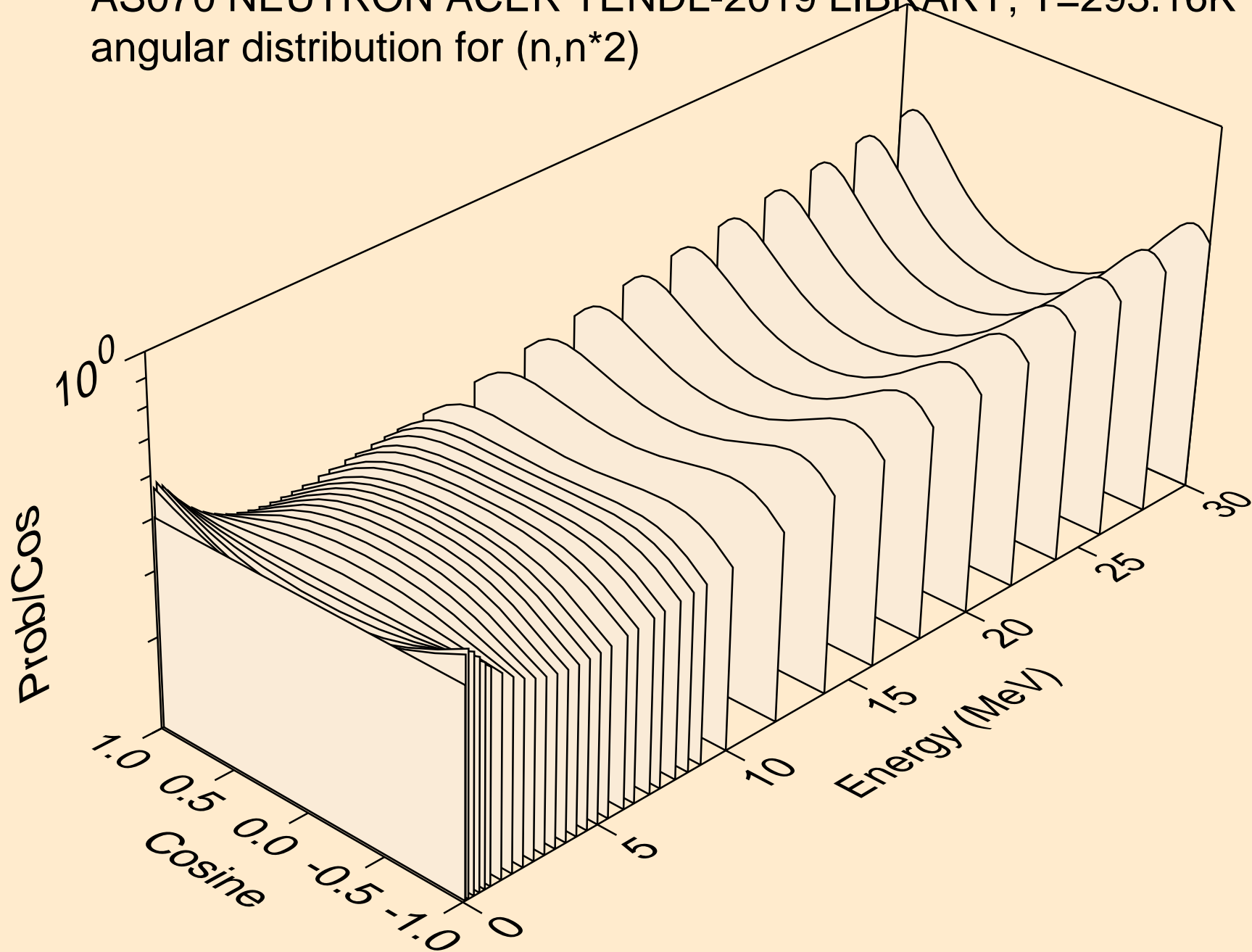
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



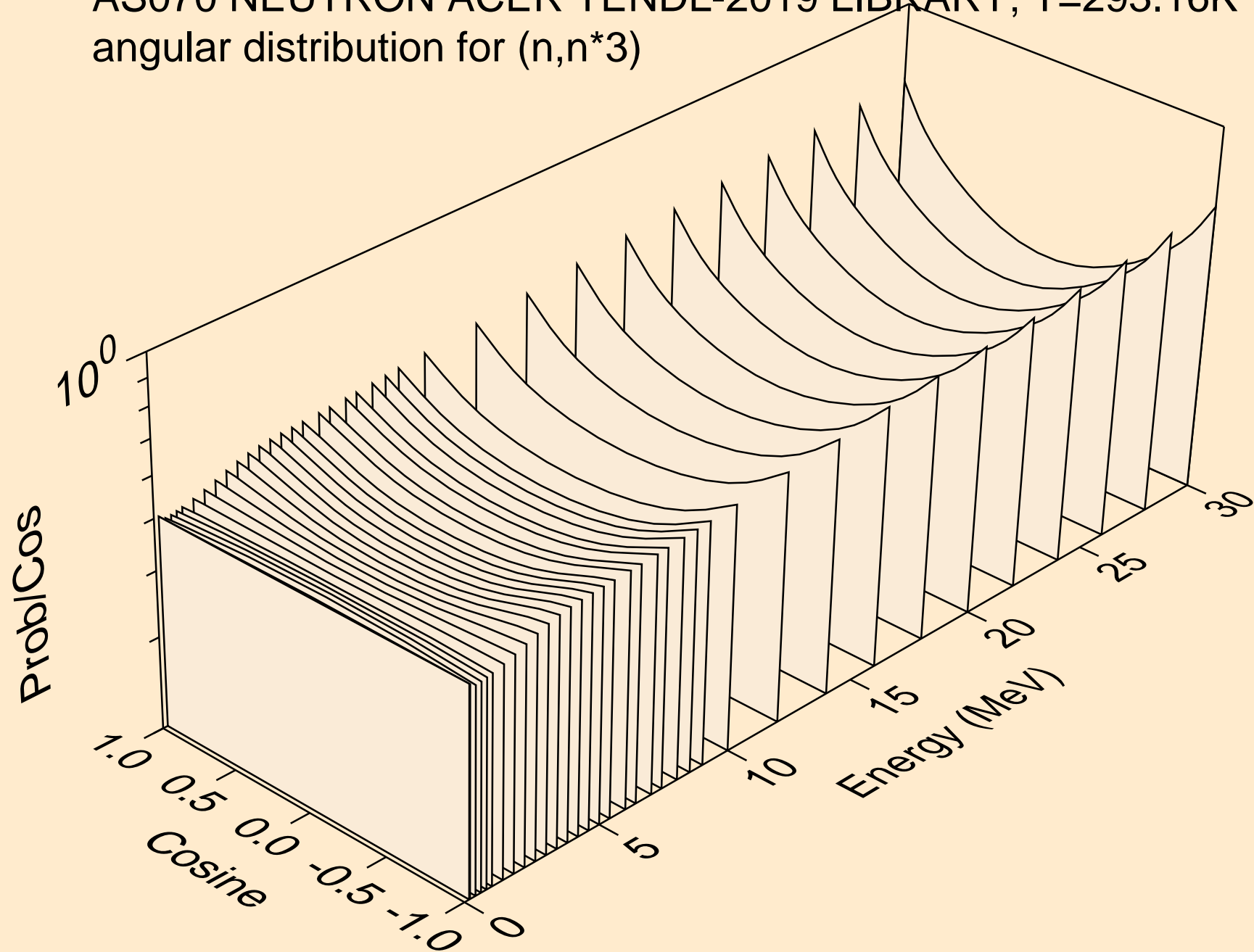
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

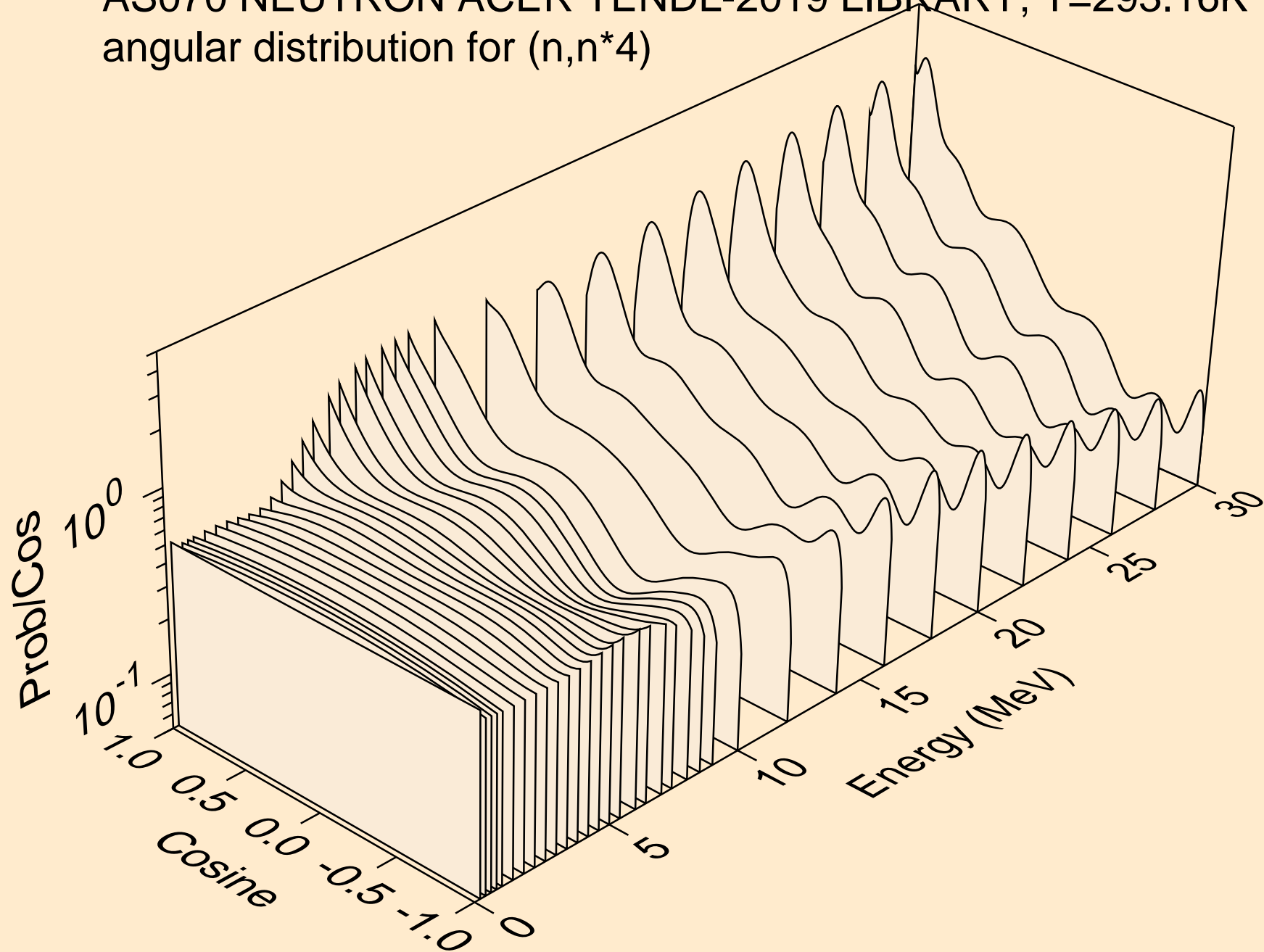


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

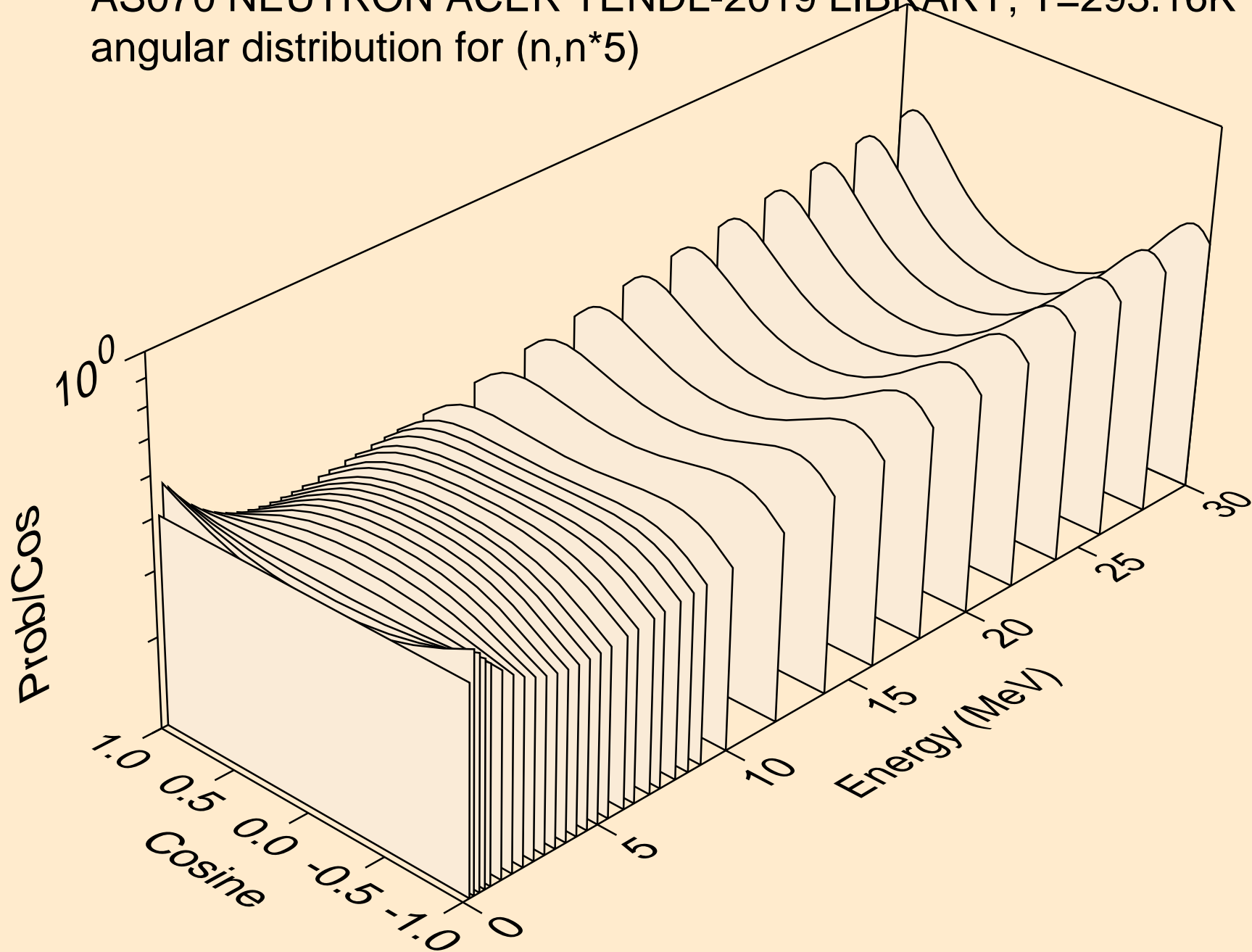




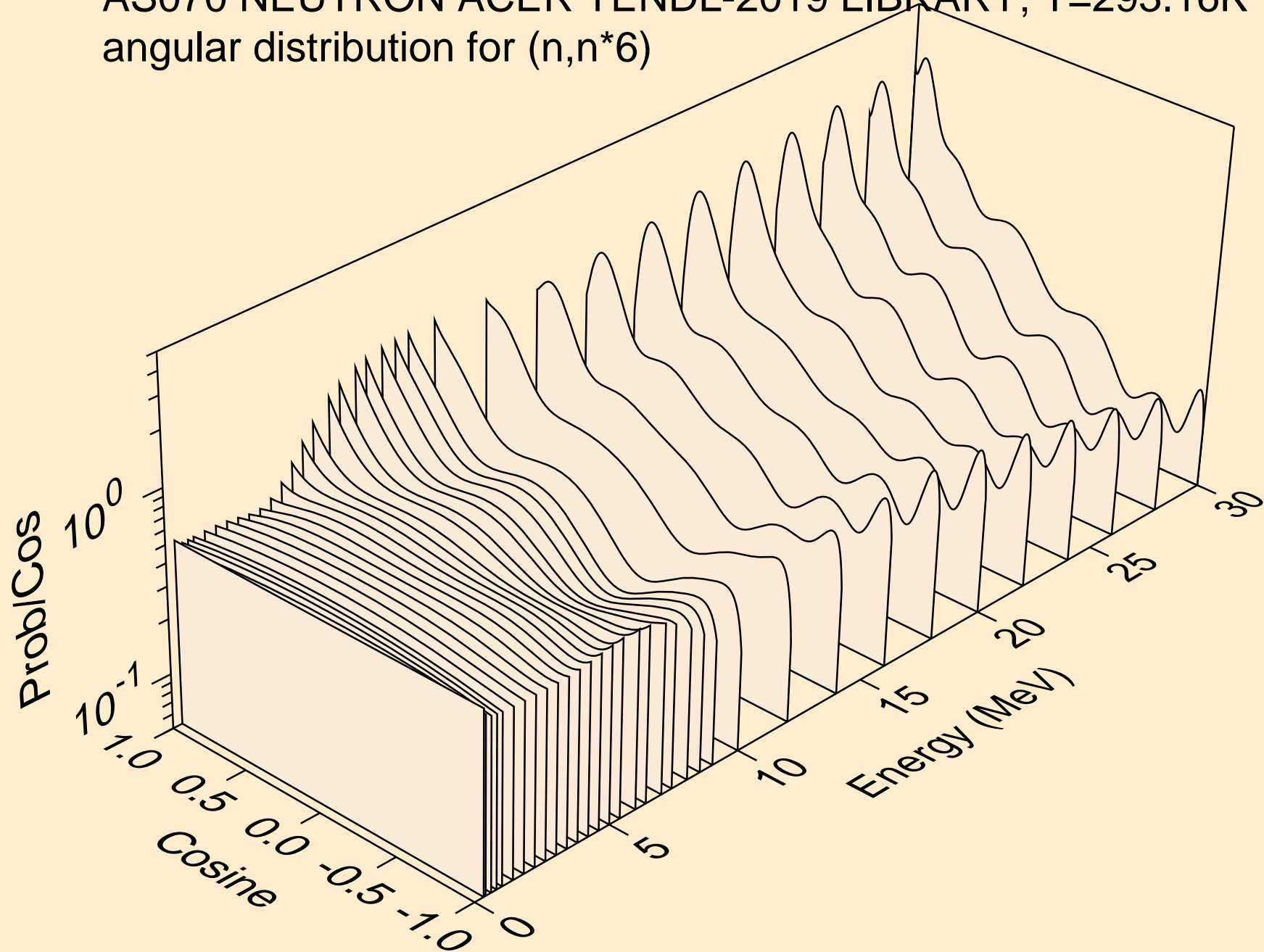
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



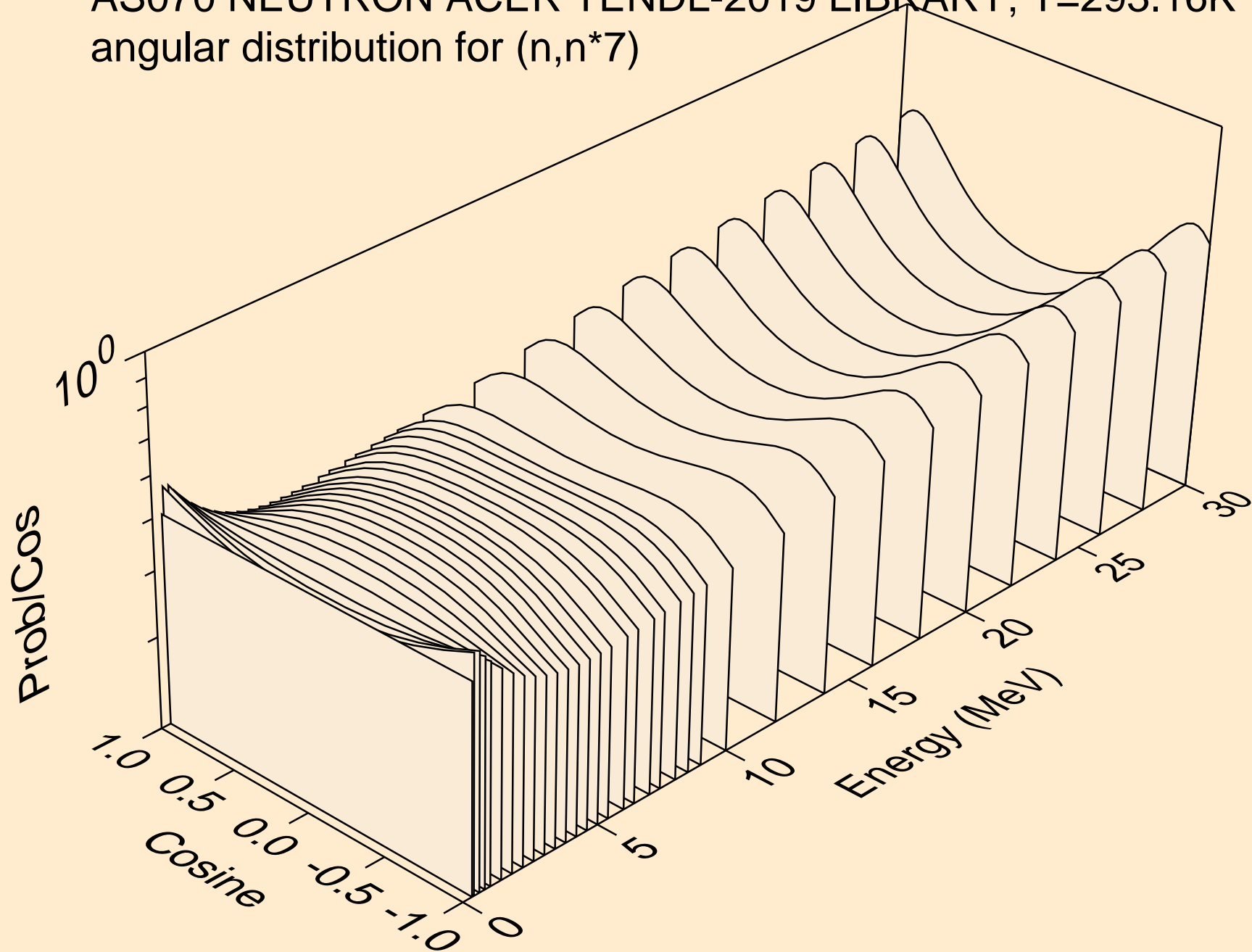
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



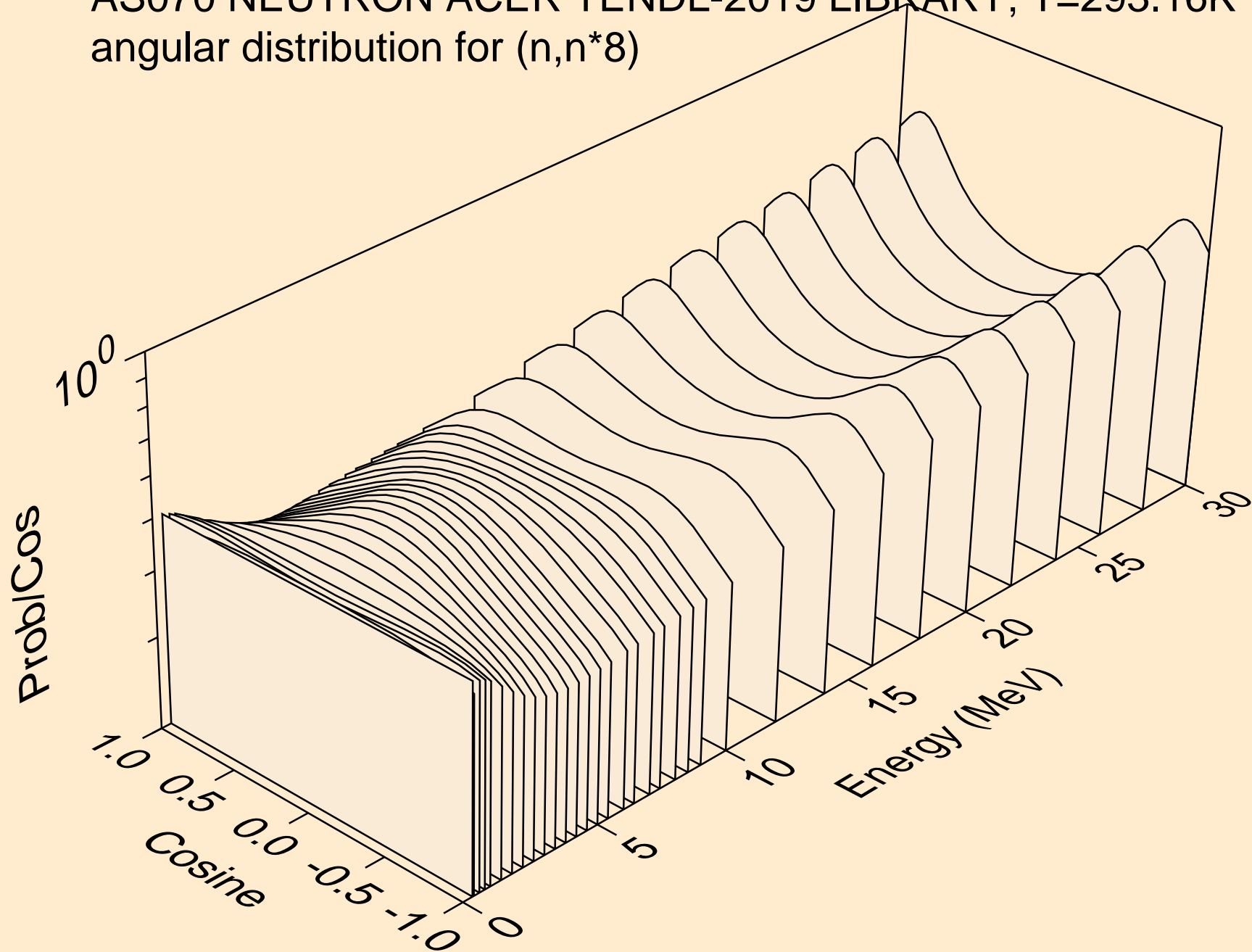
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



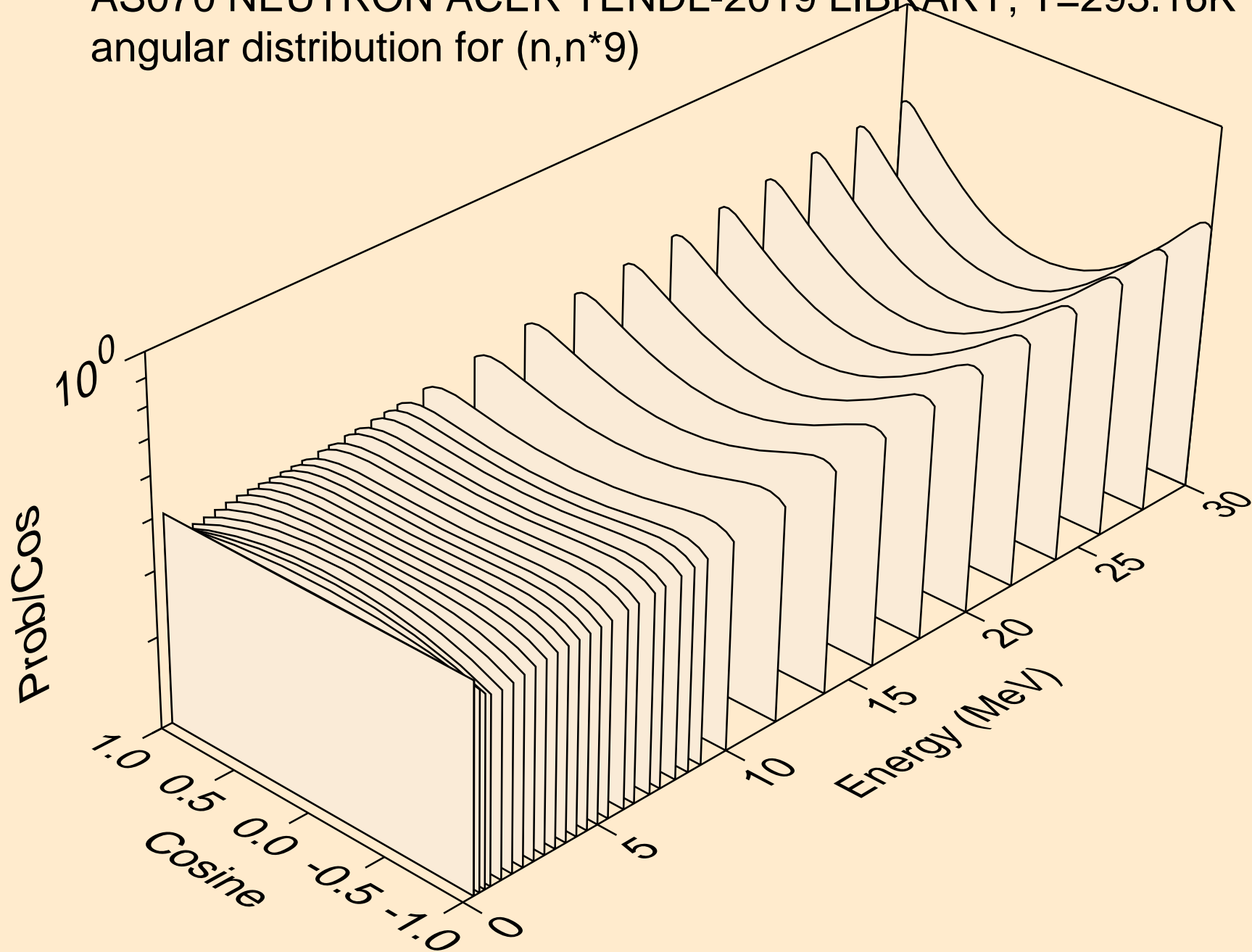
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



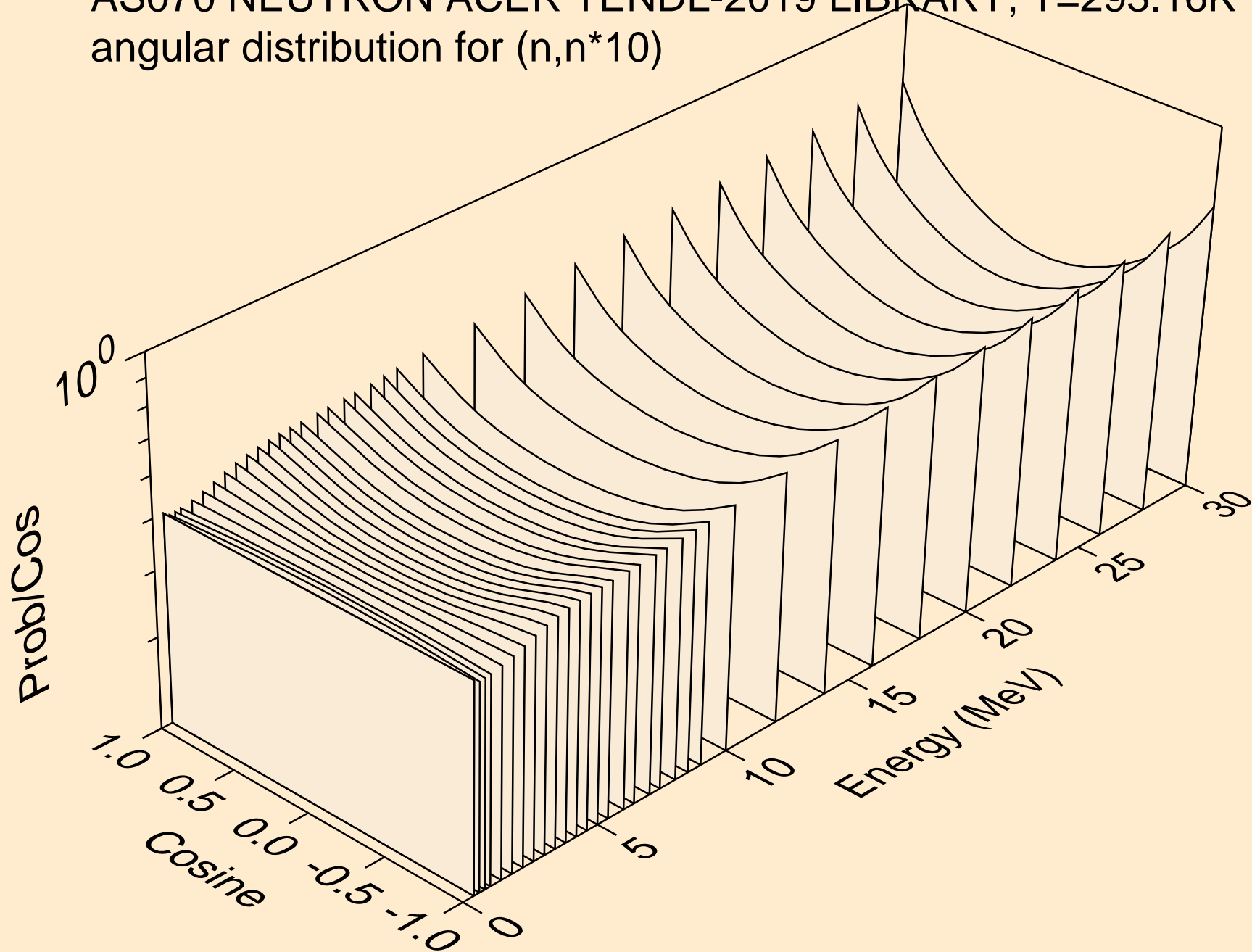
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



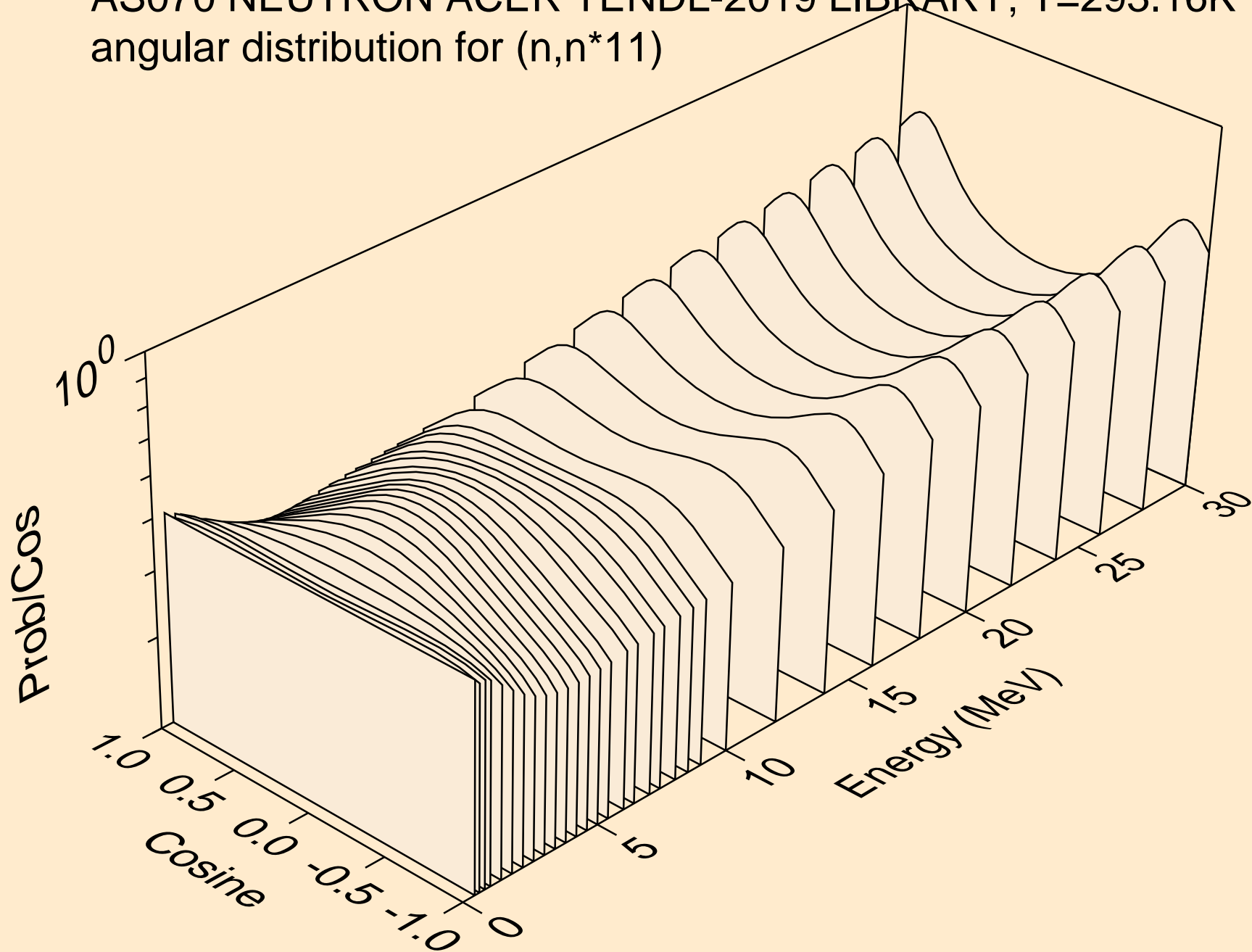
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

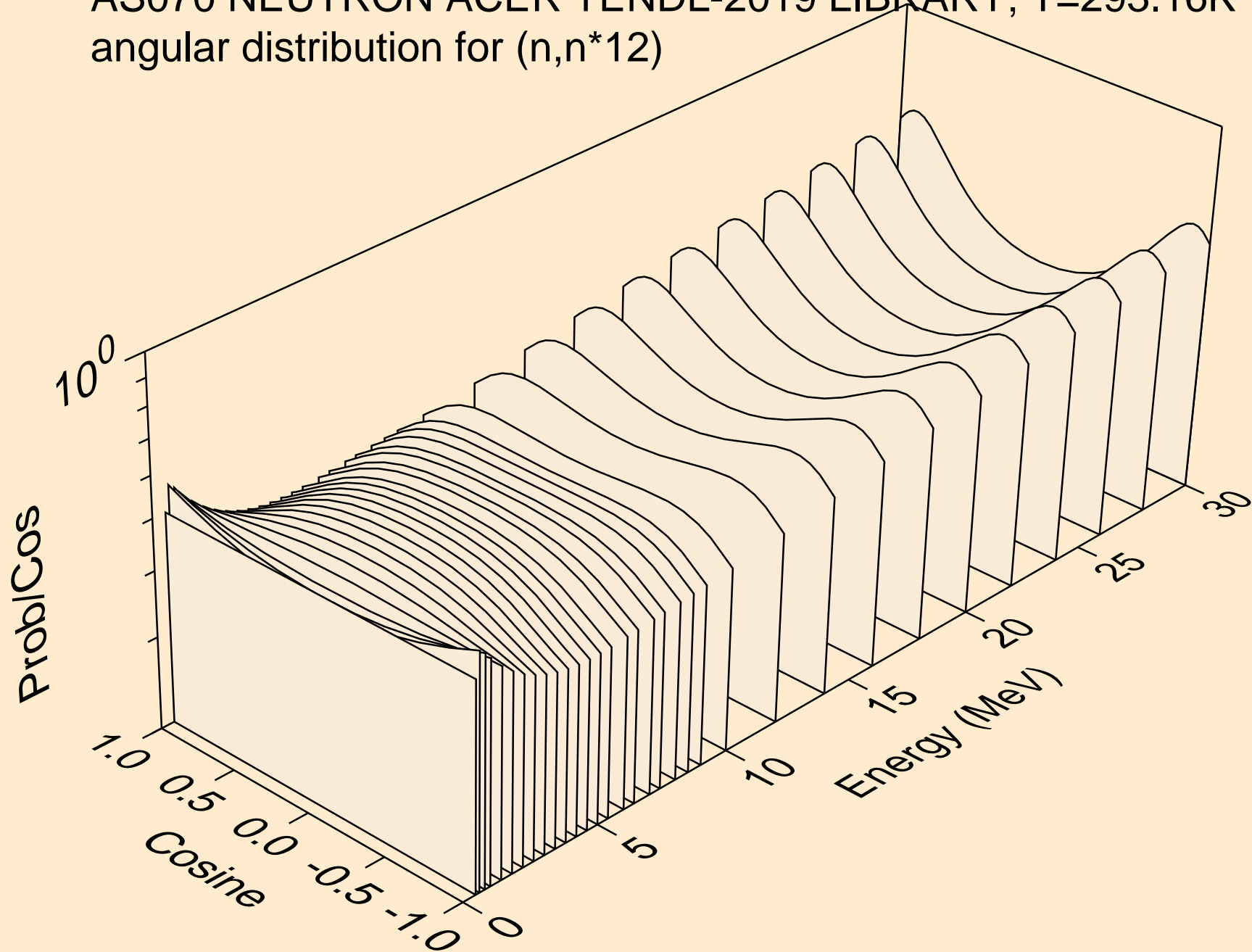


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

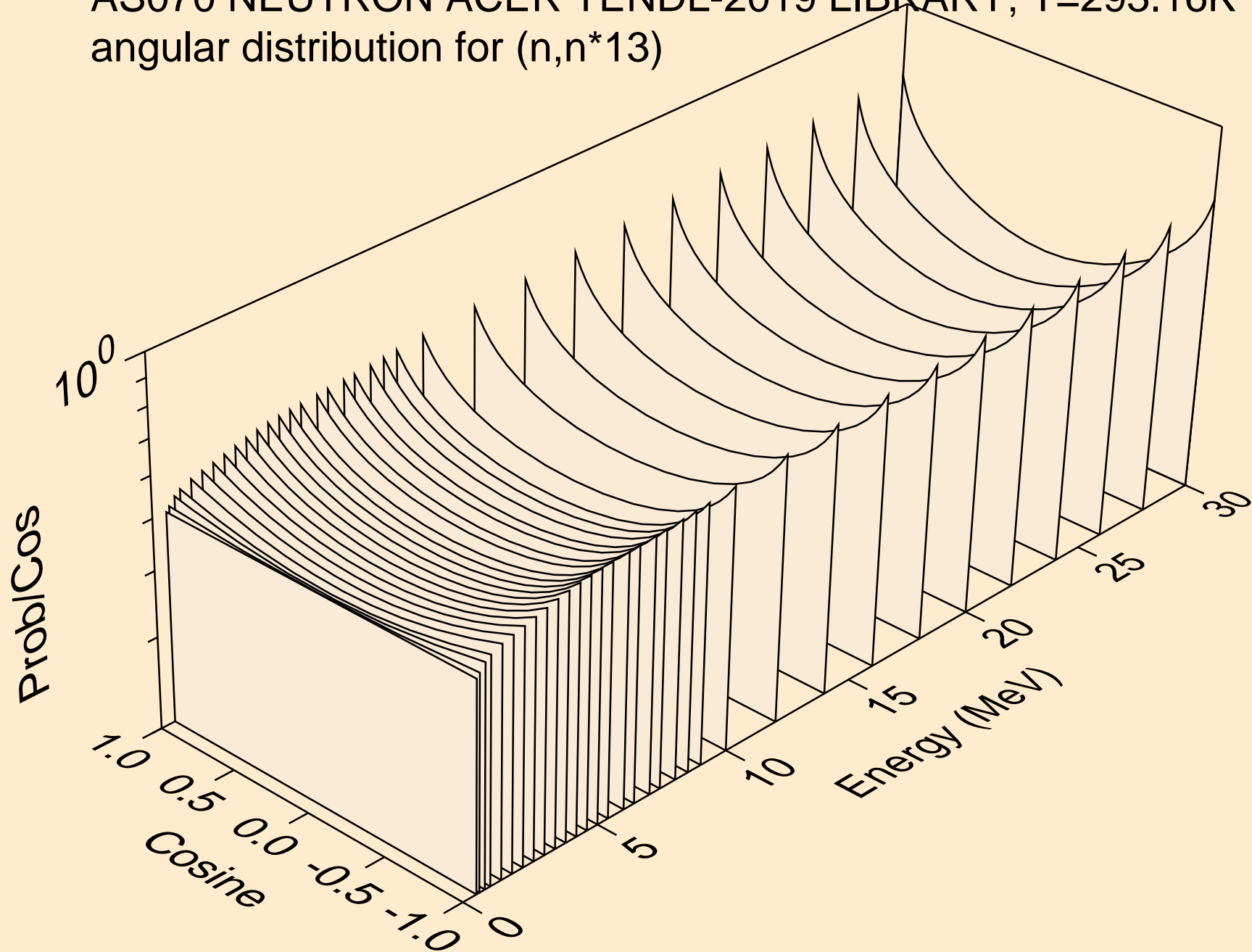




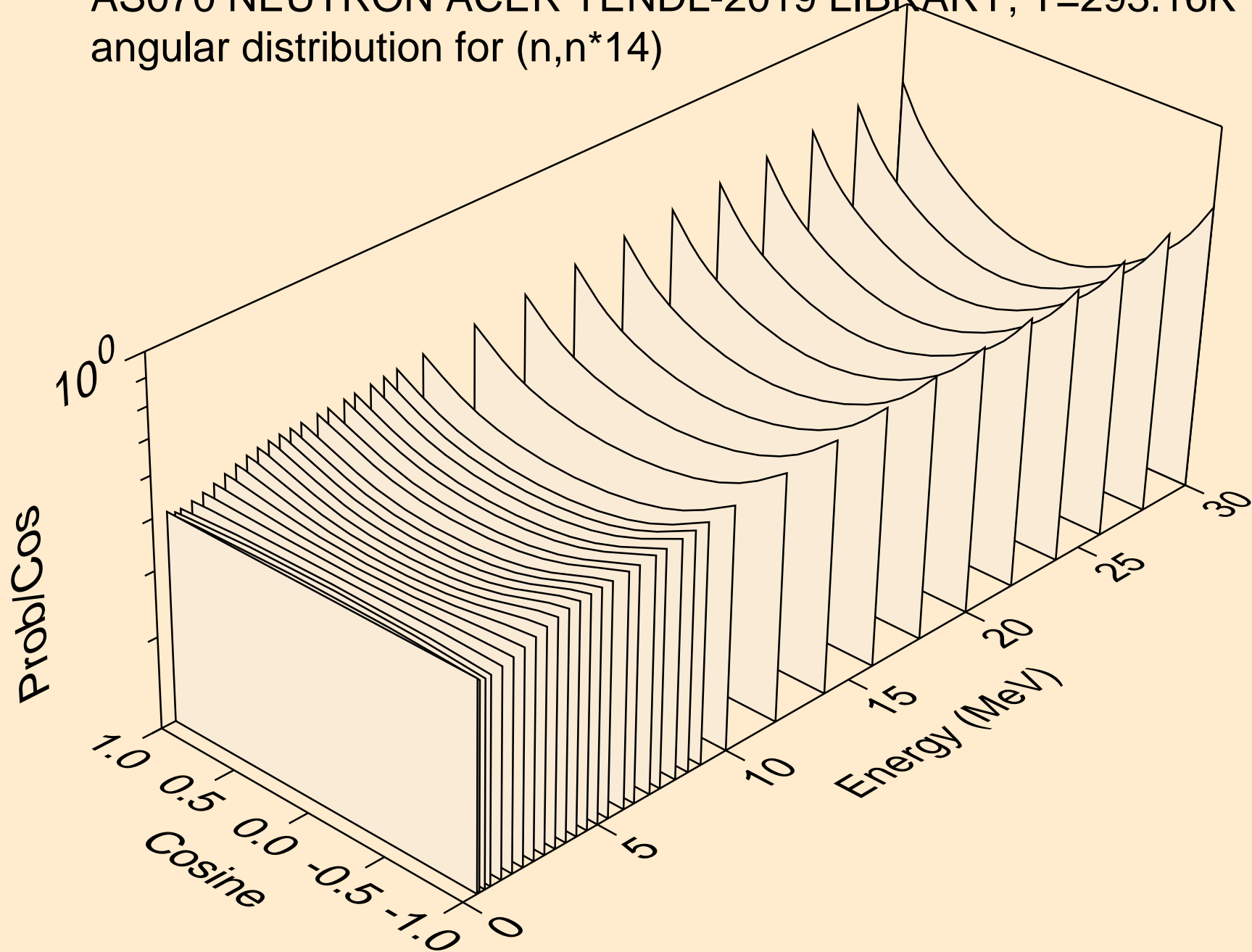
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



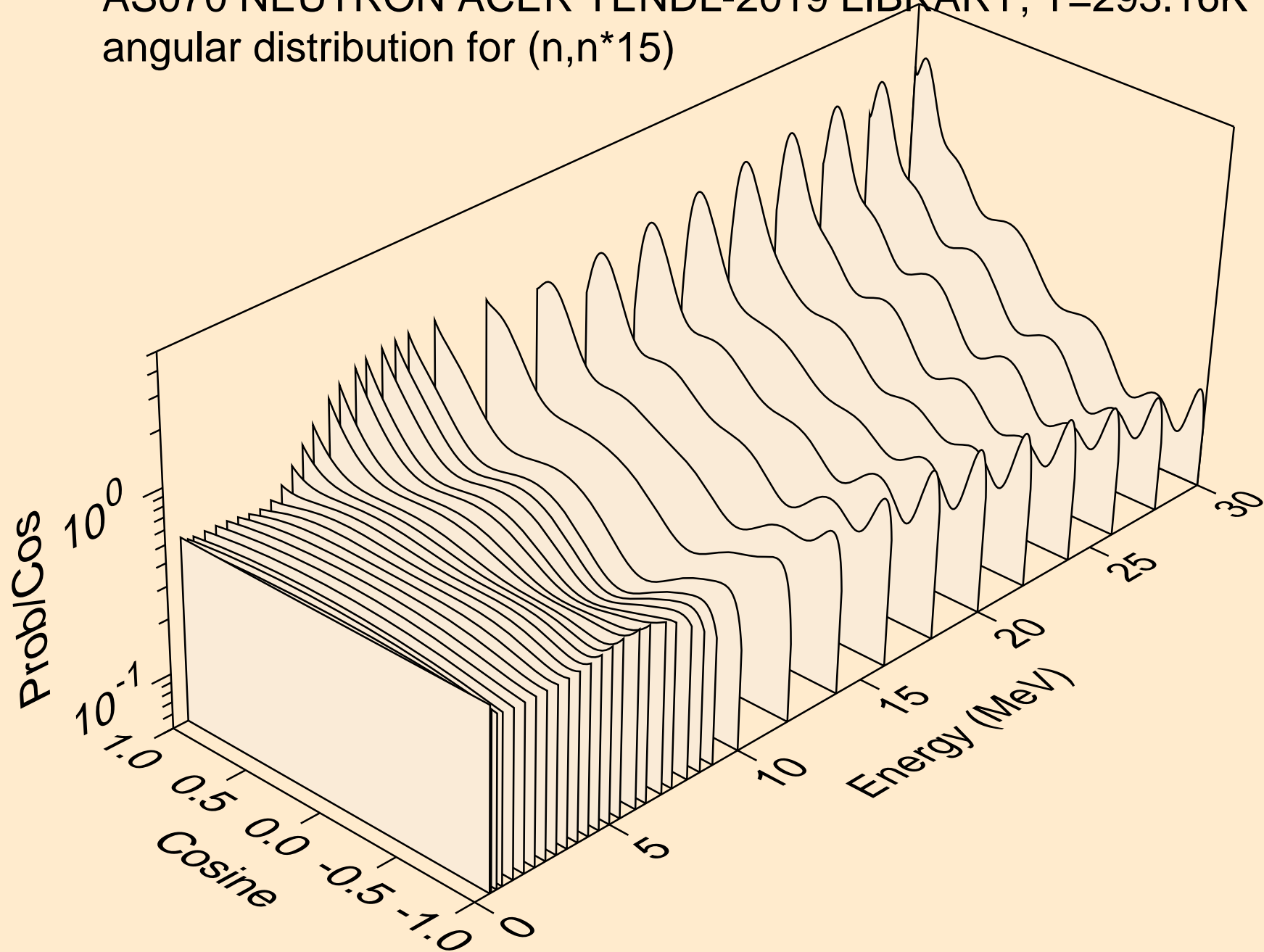
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



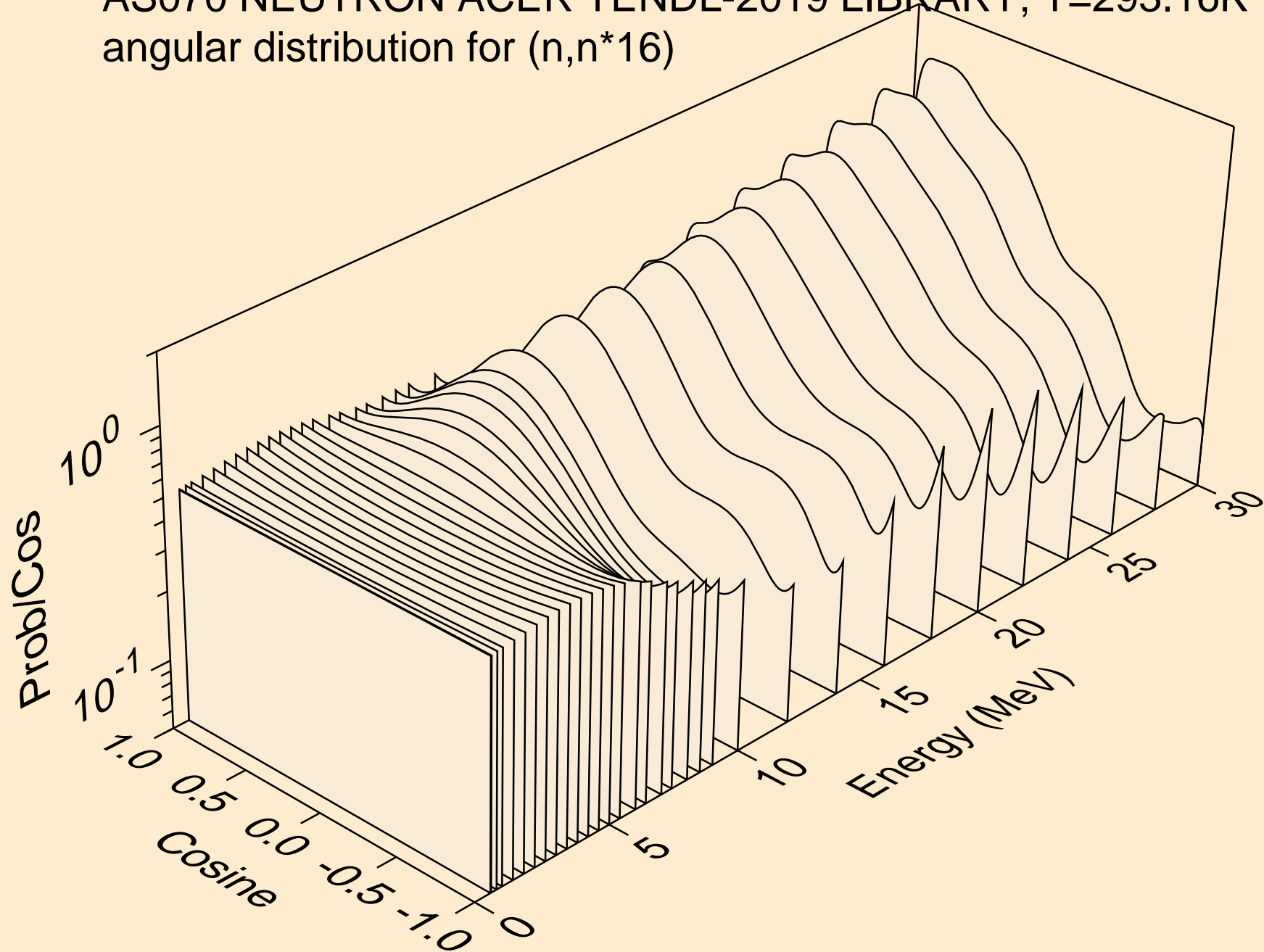
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



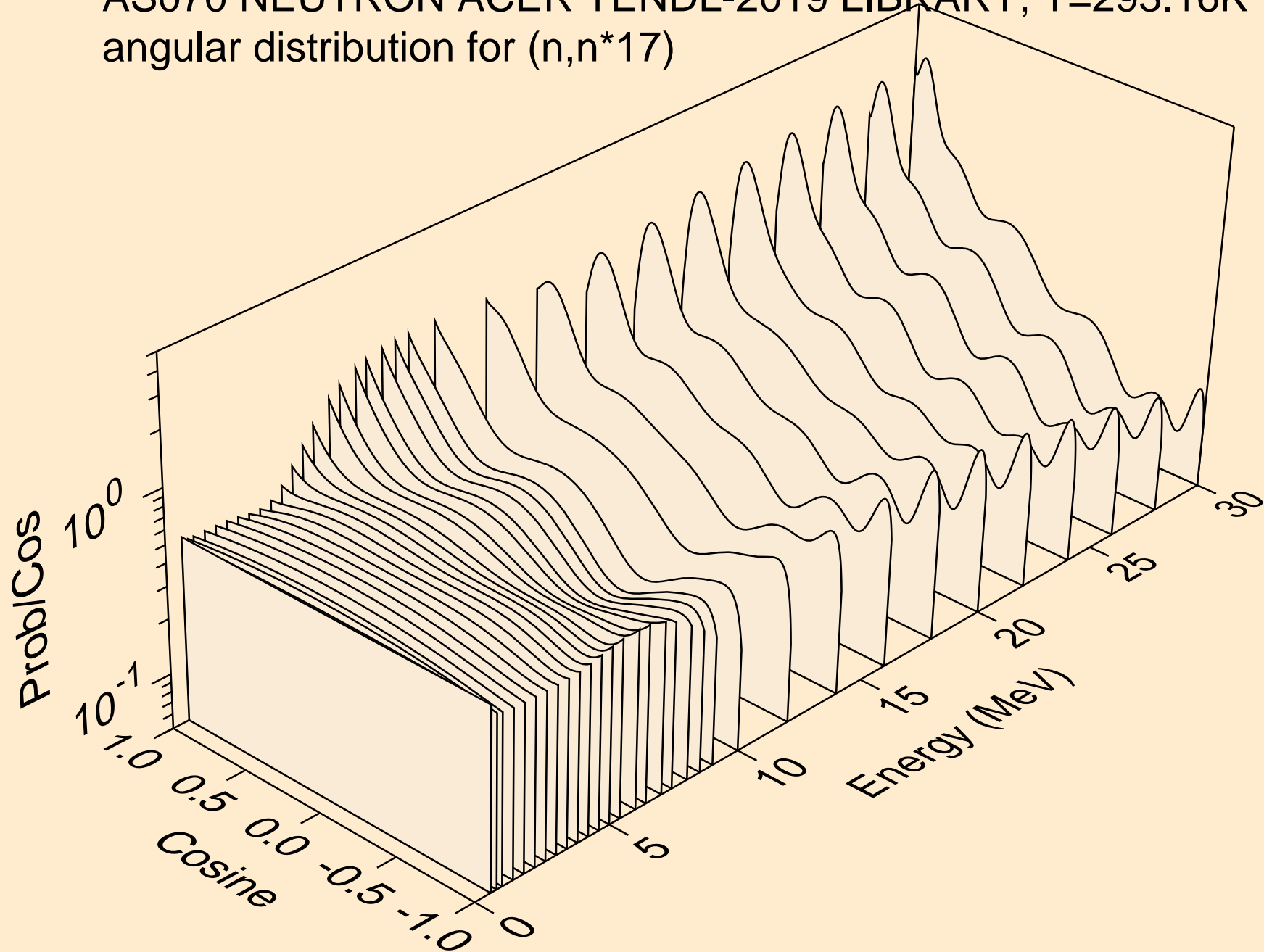
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



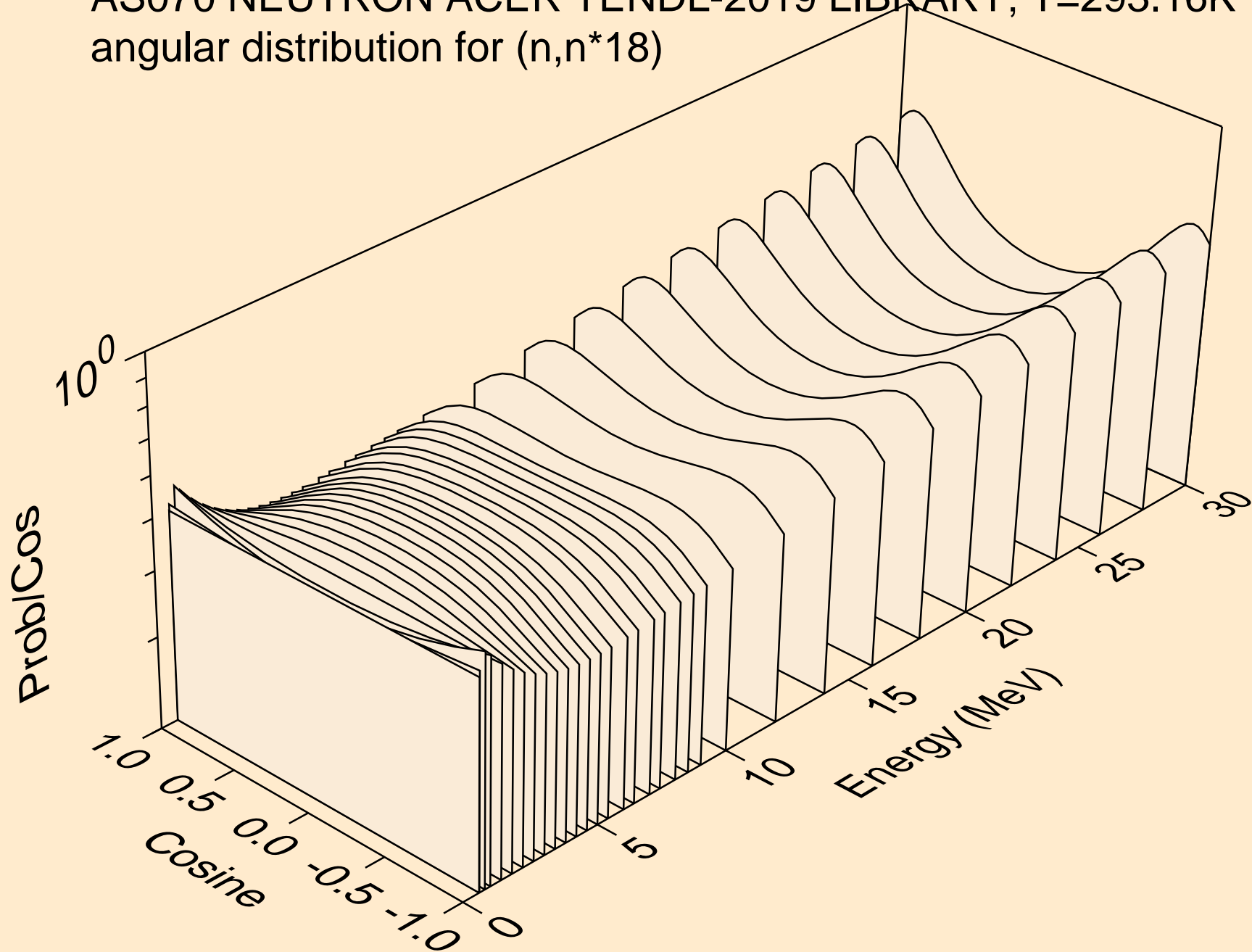
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



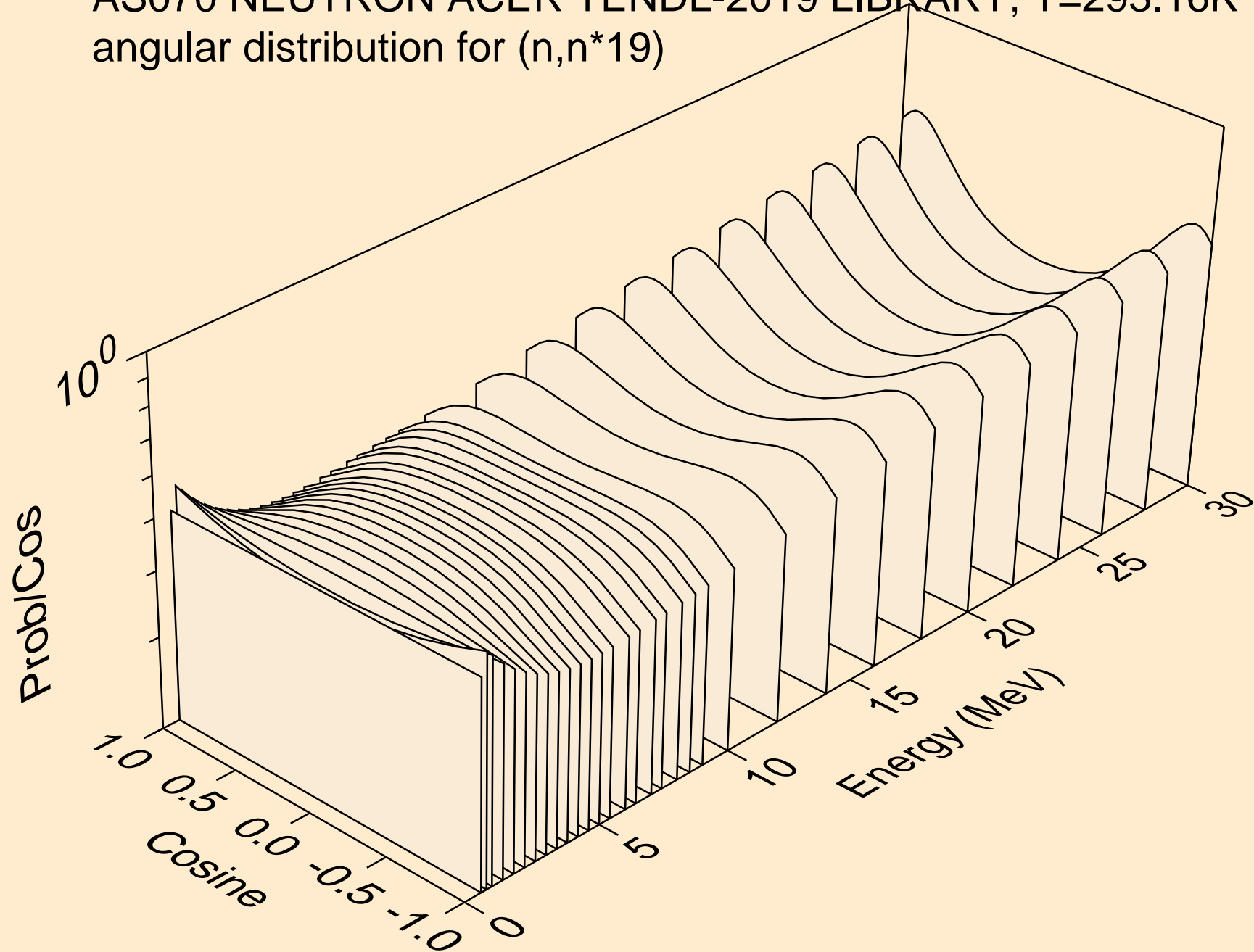
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

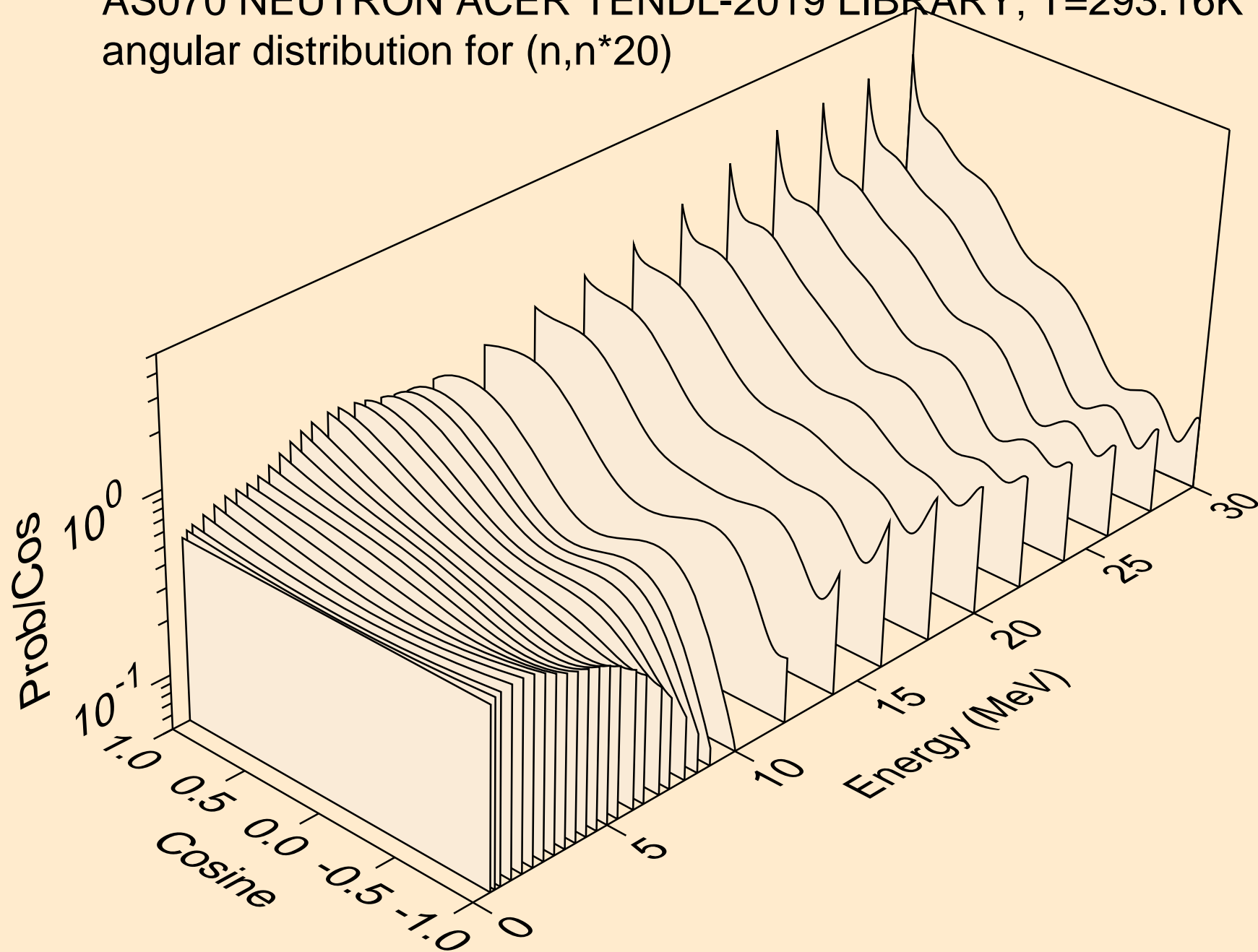


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)

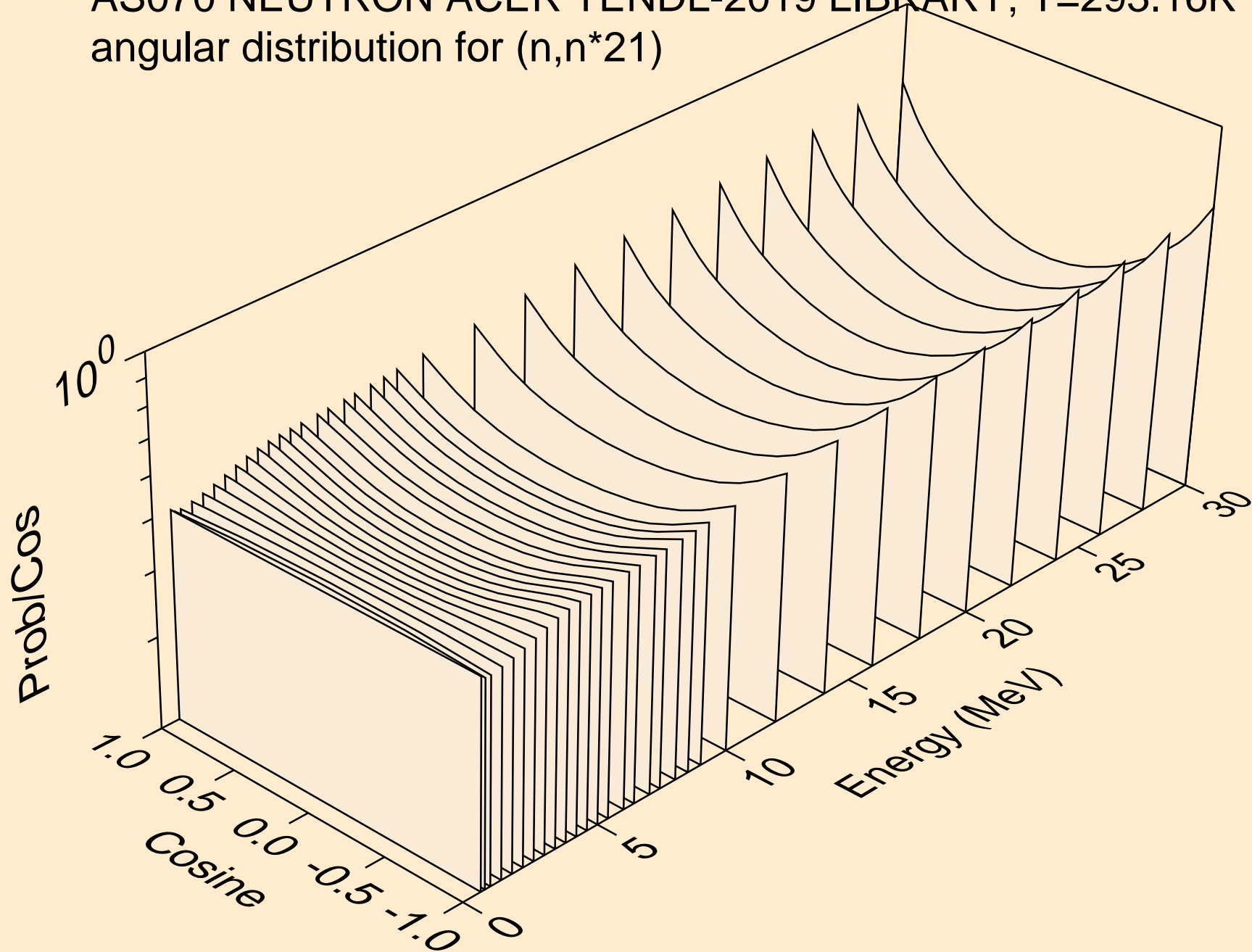




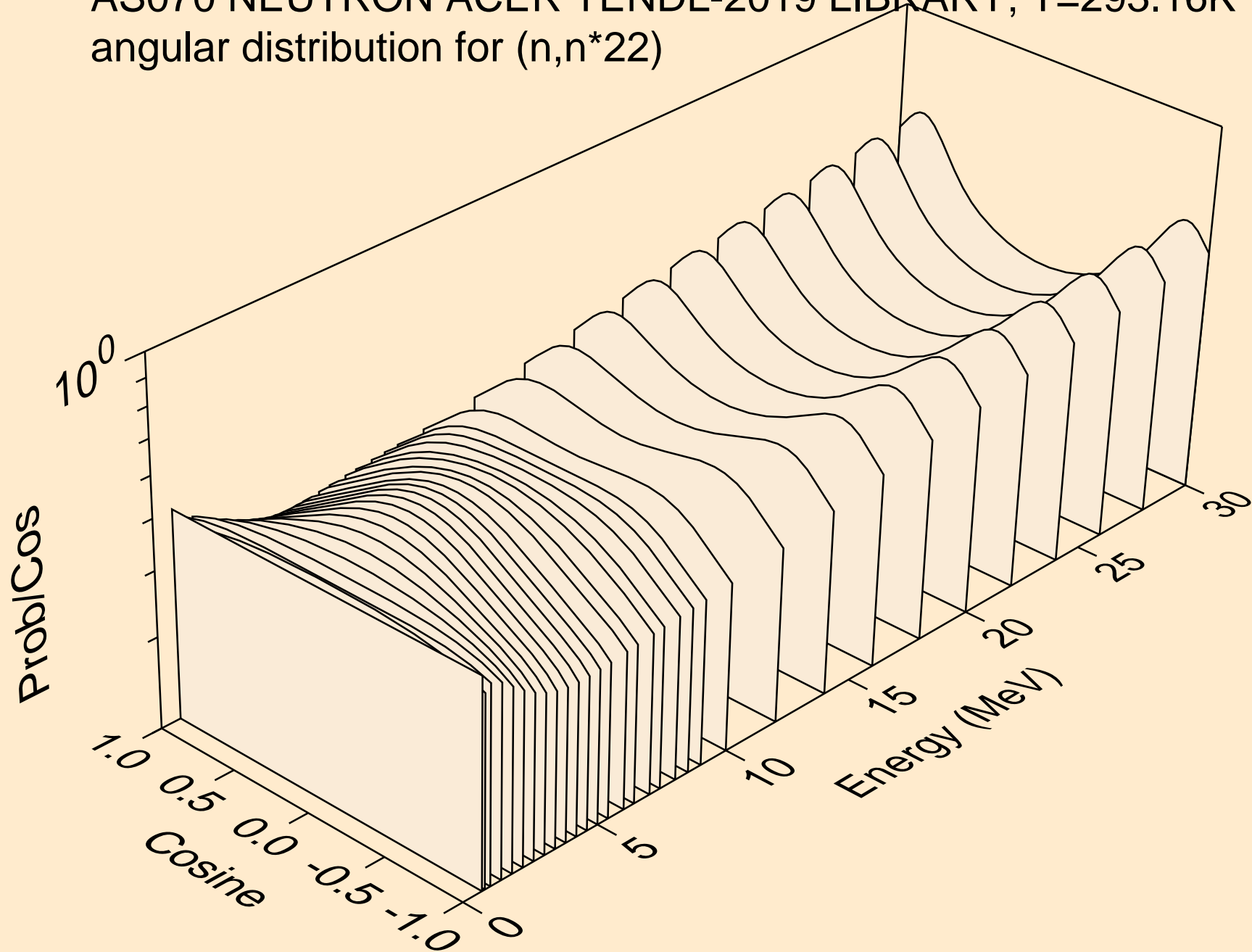
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



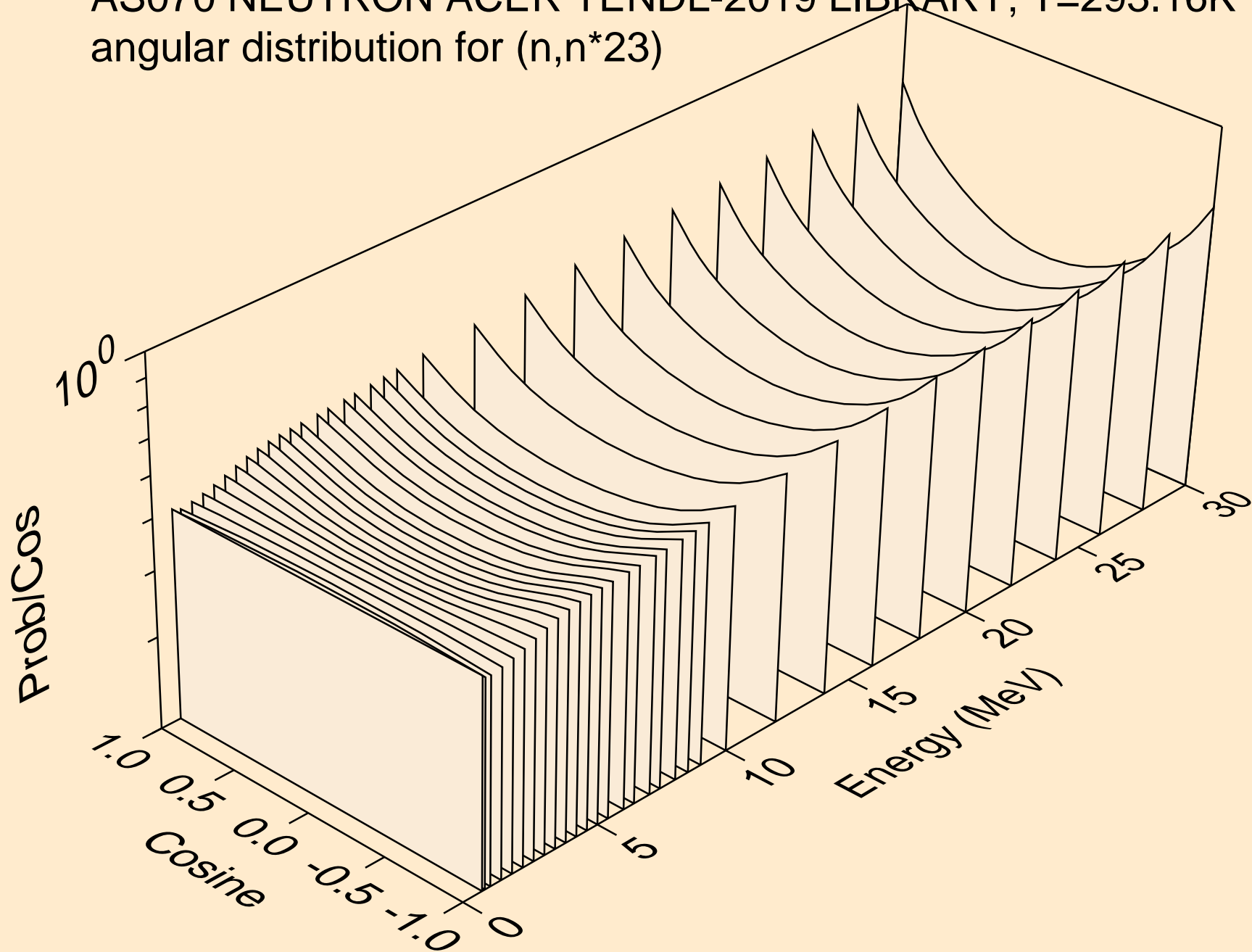
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



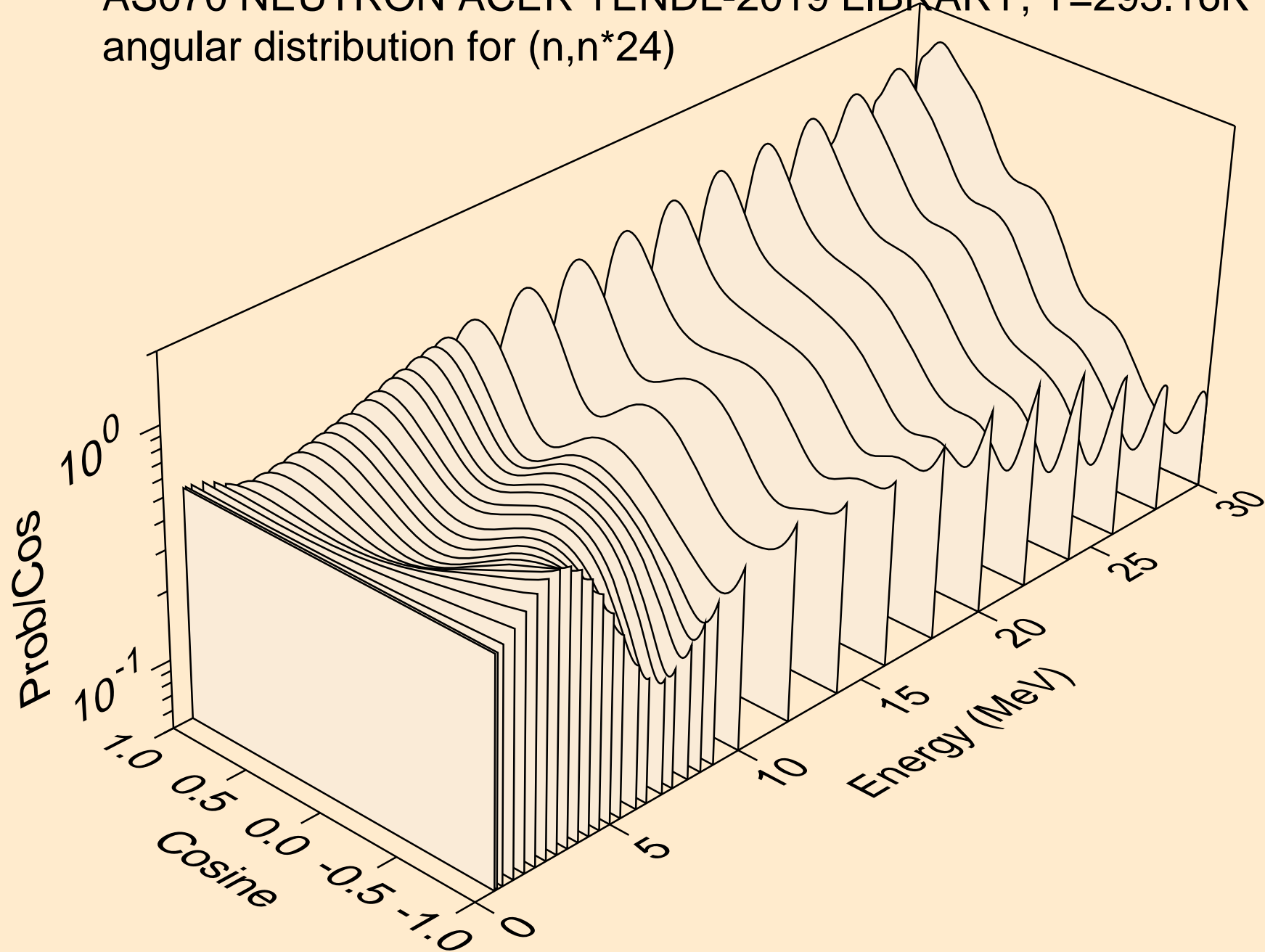
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



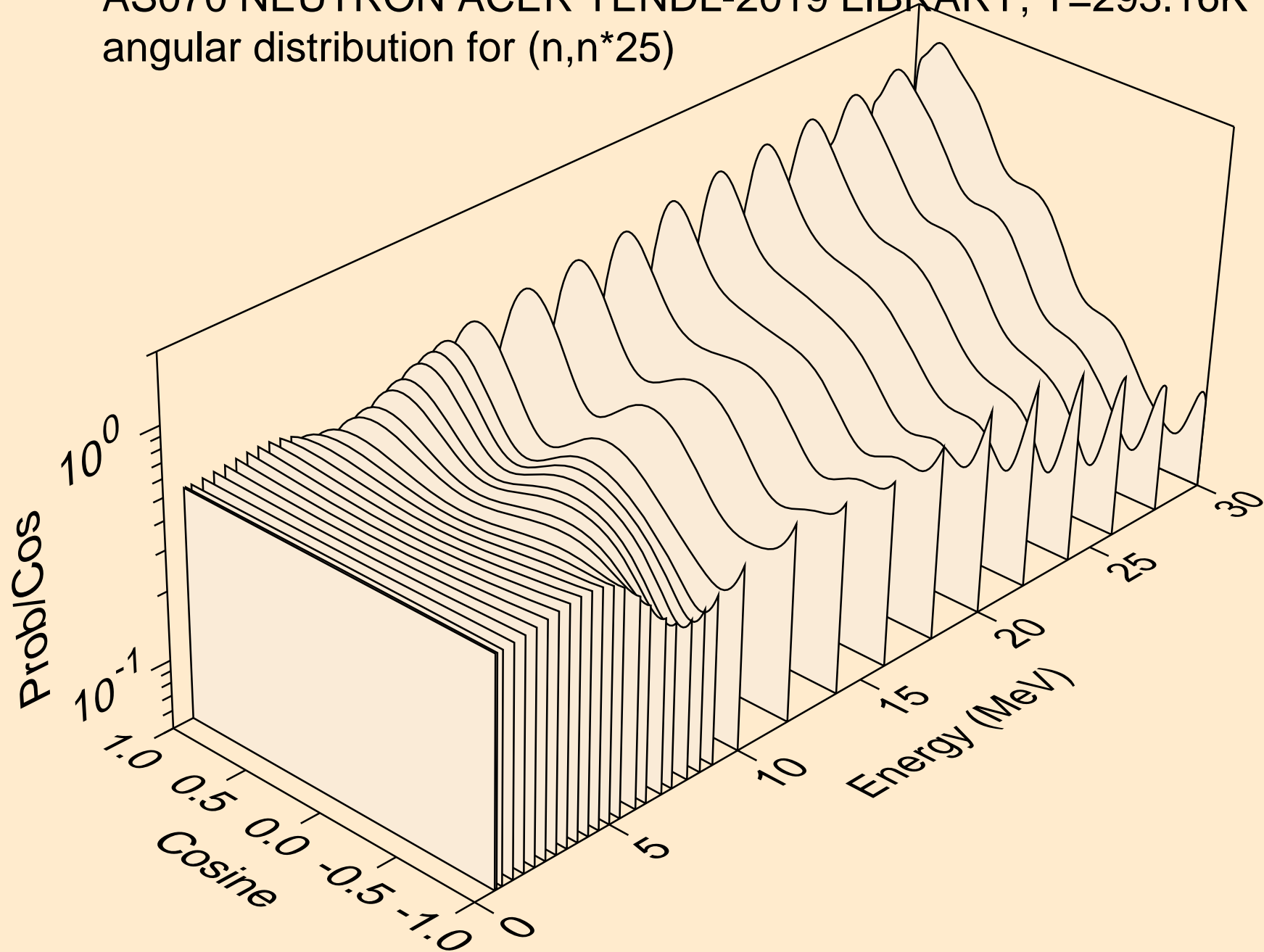
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



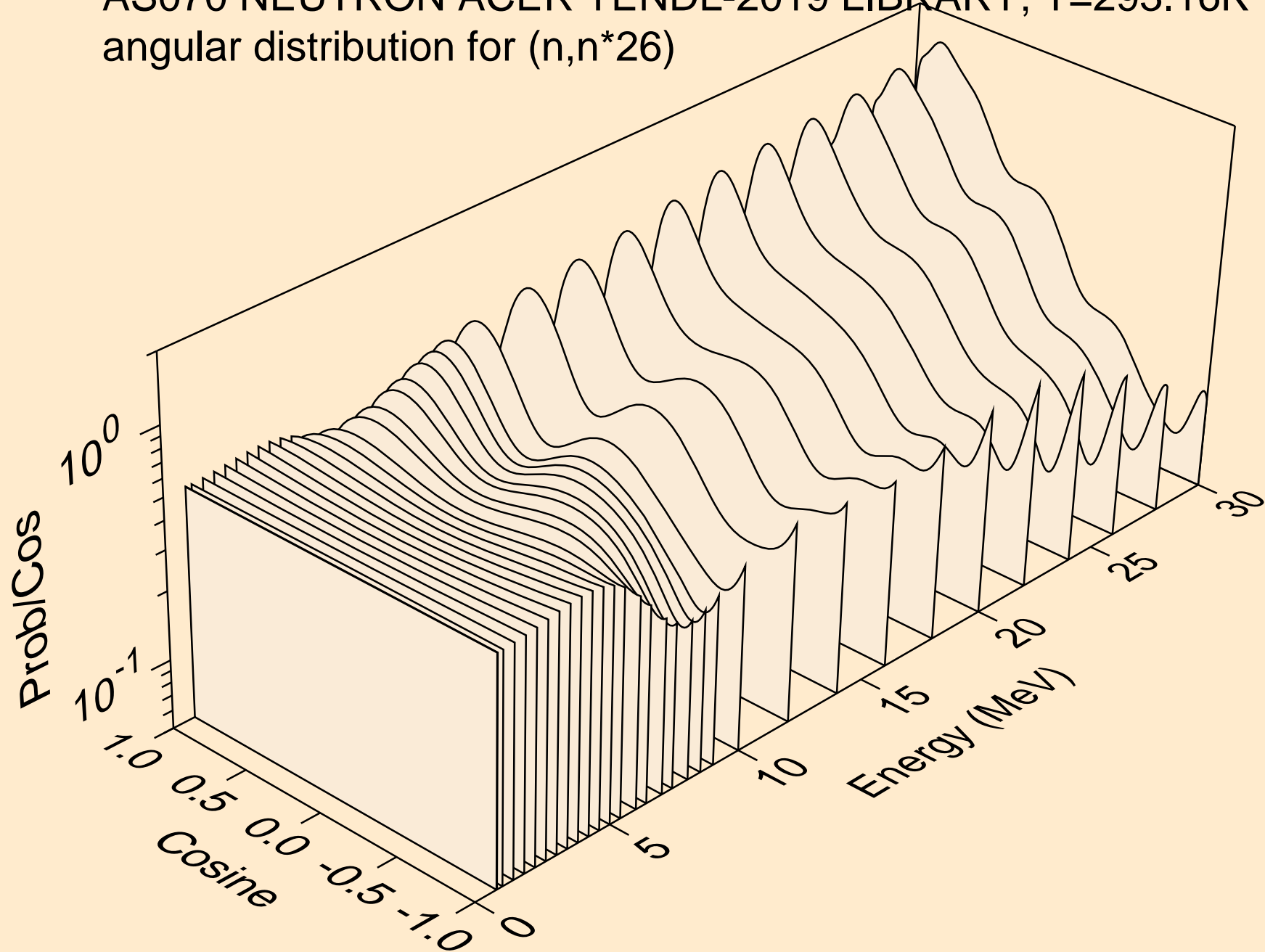
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



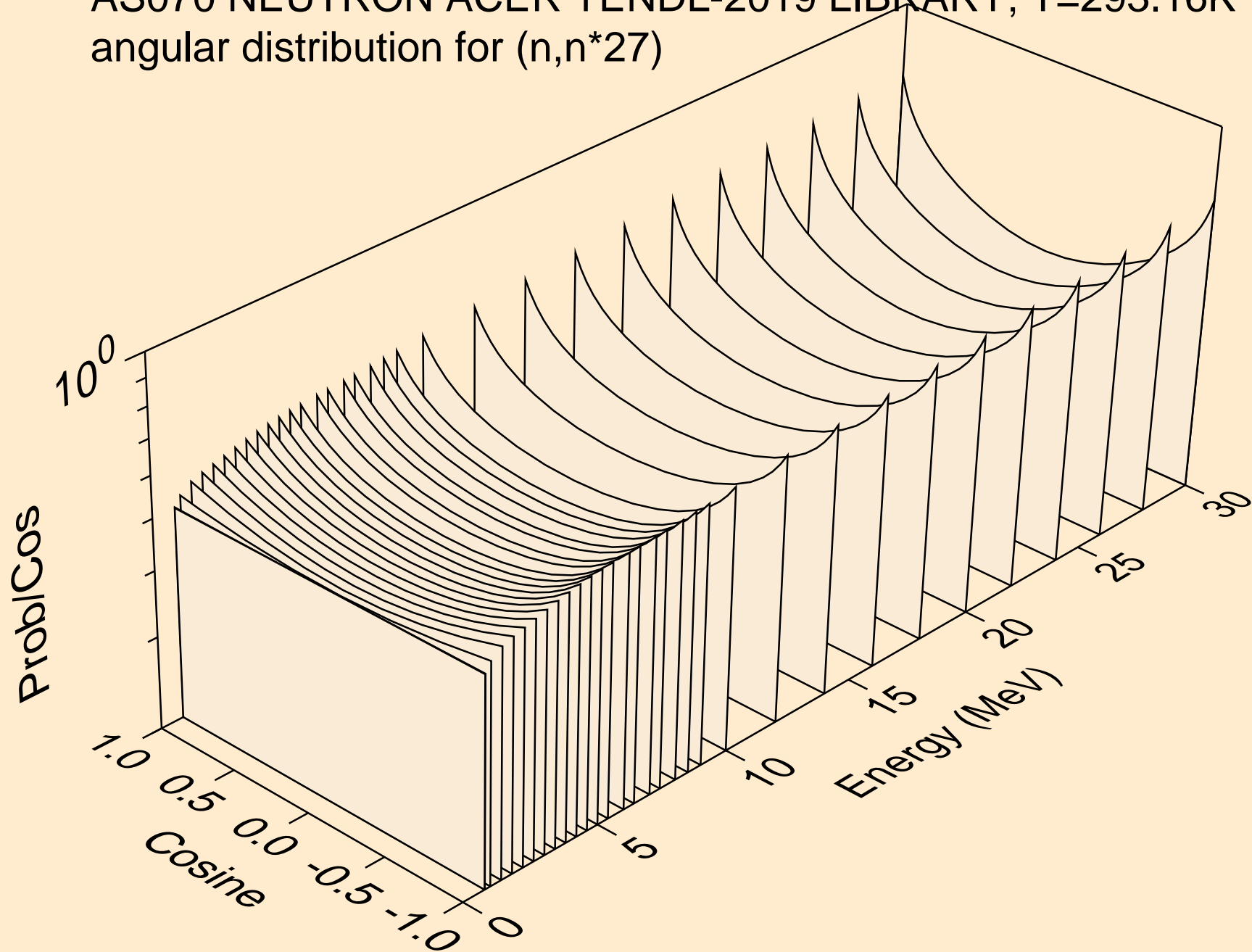
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

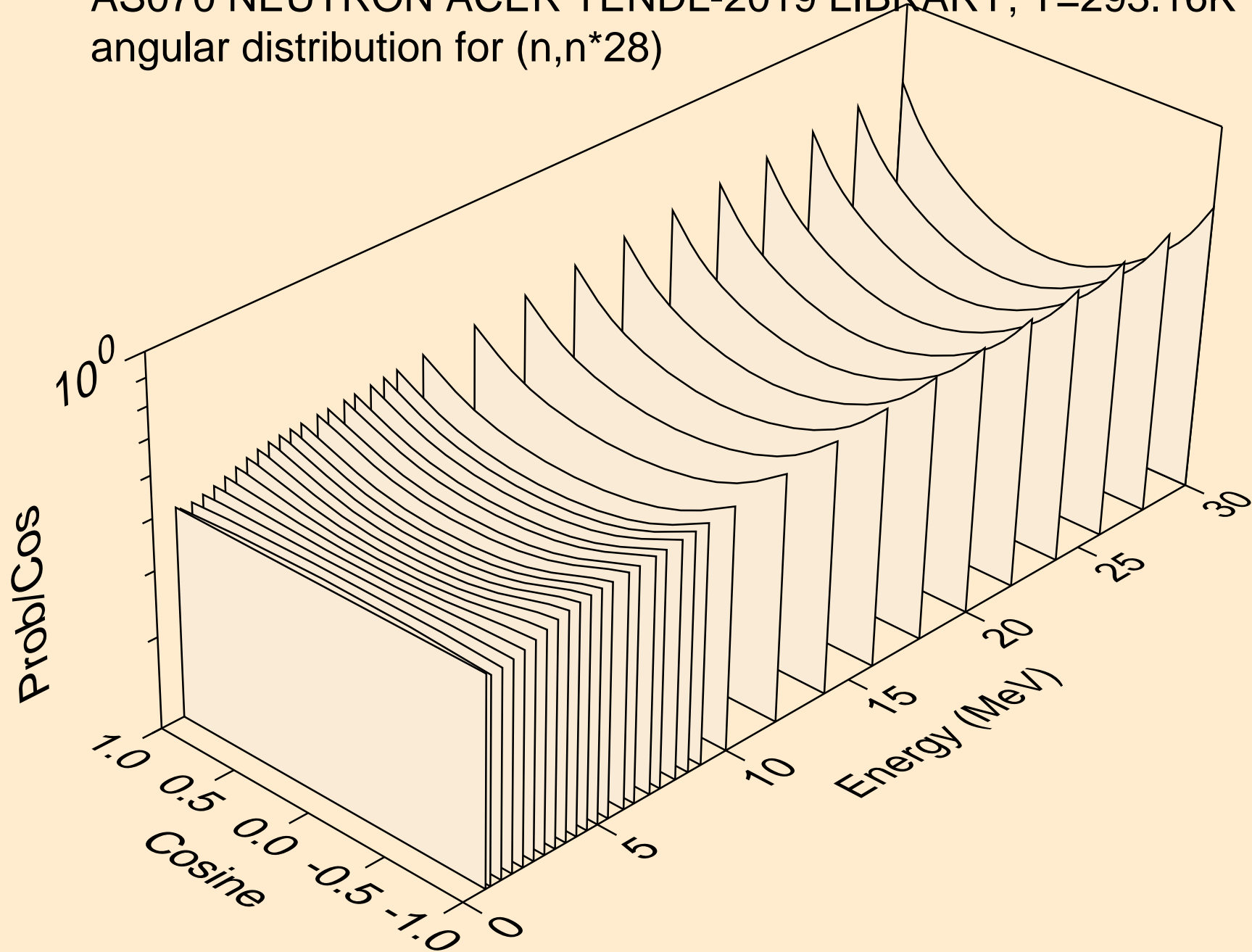


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

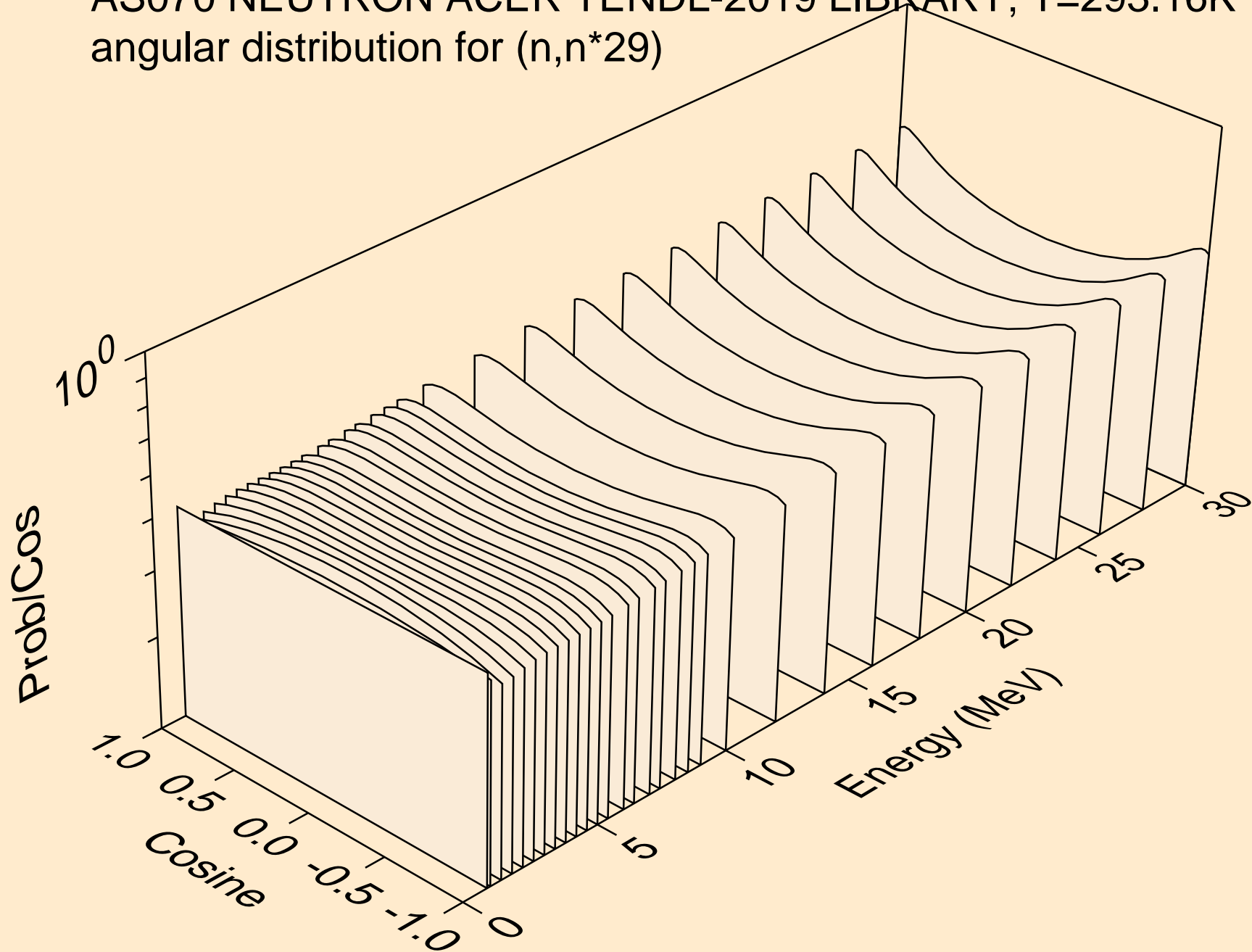




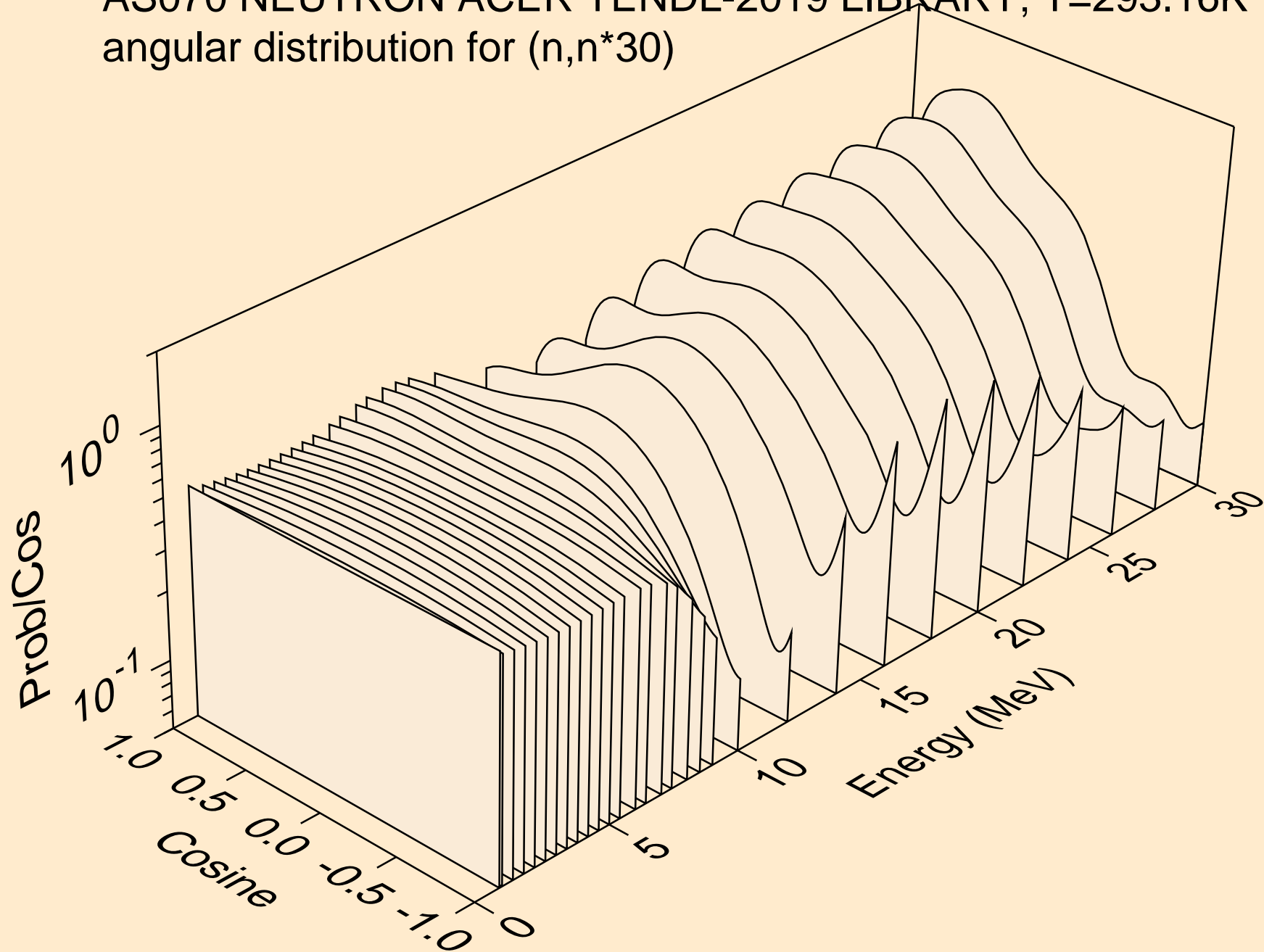
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



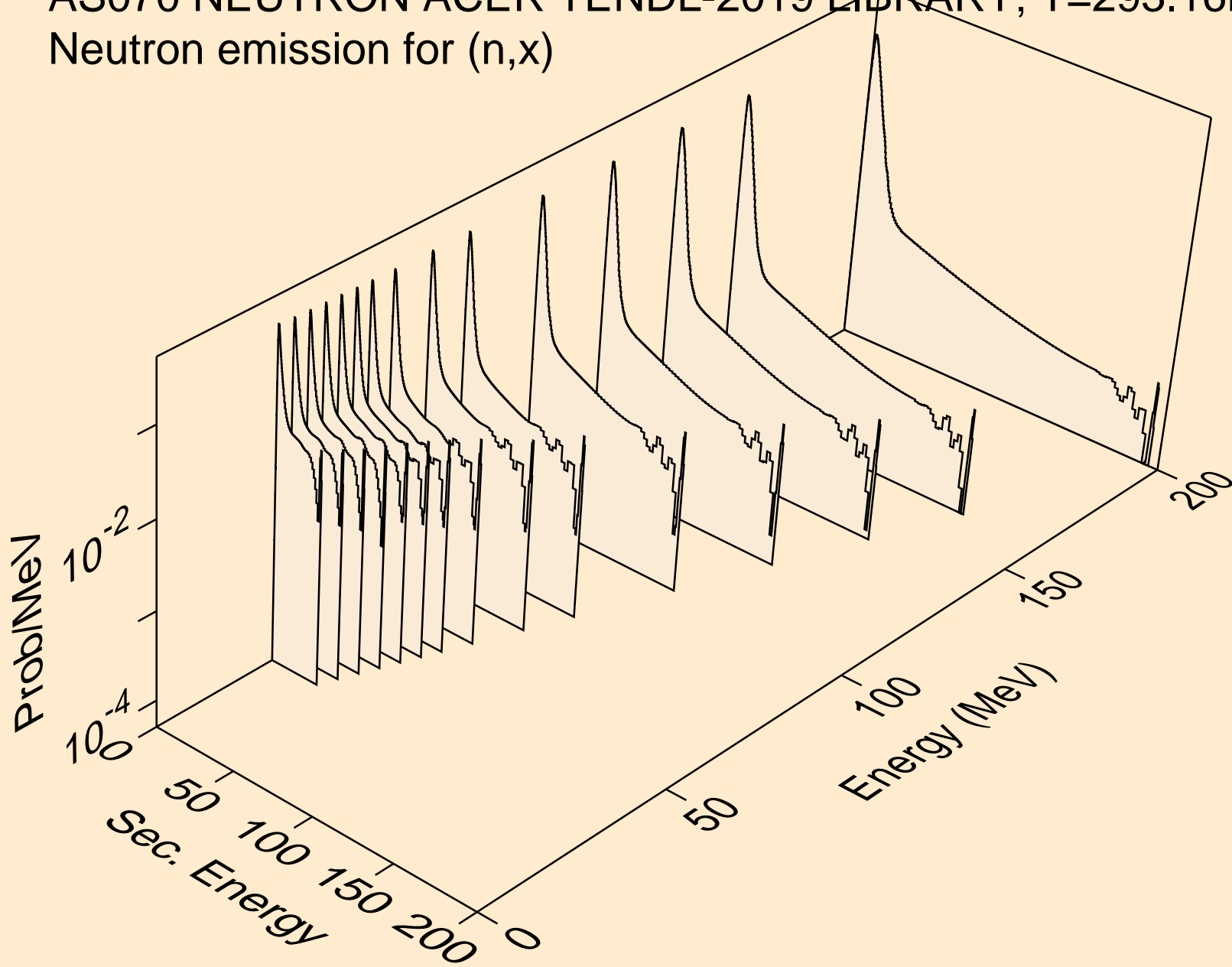
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



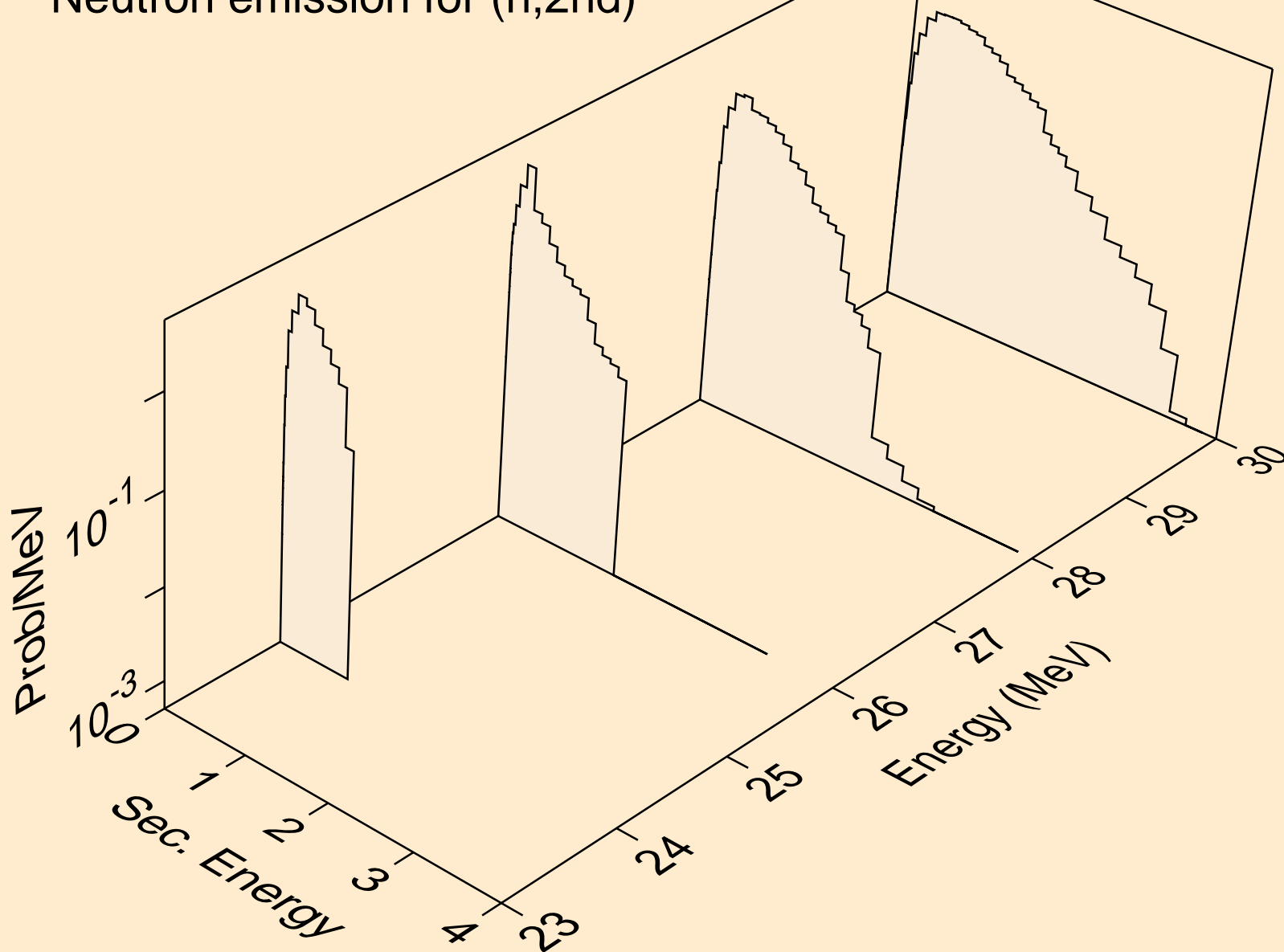
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



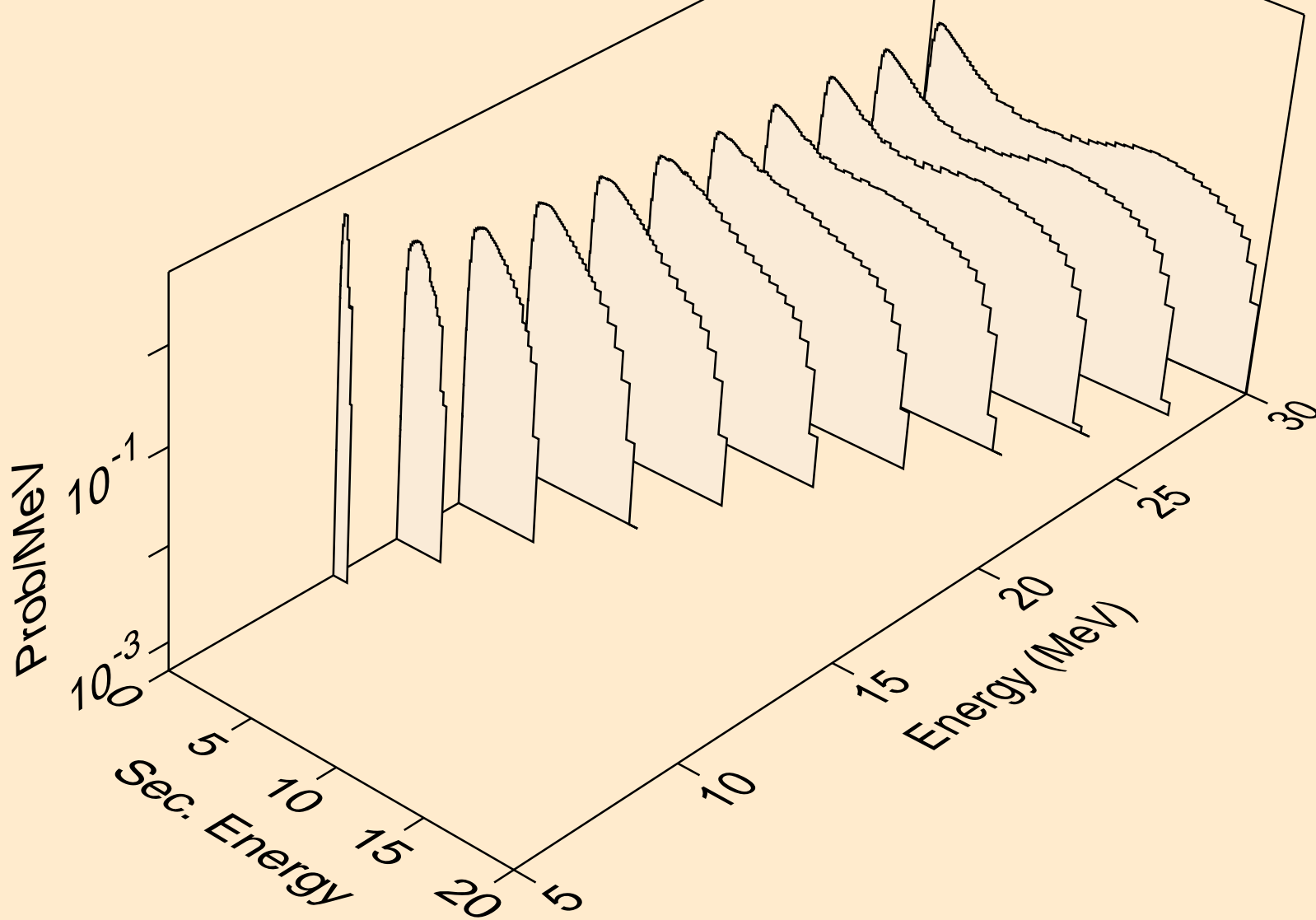
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



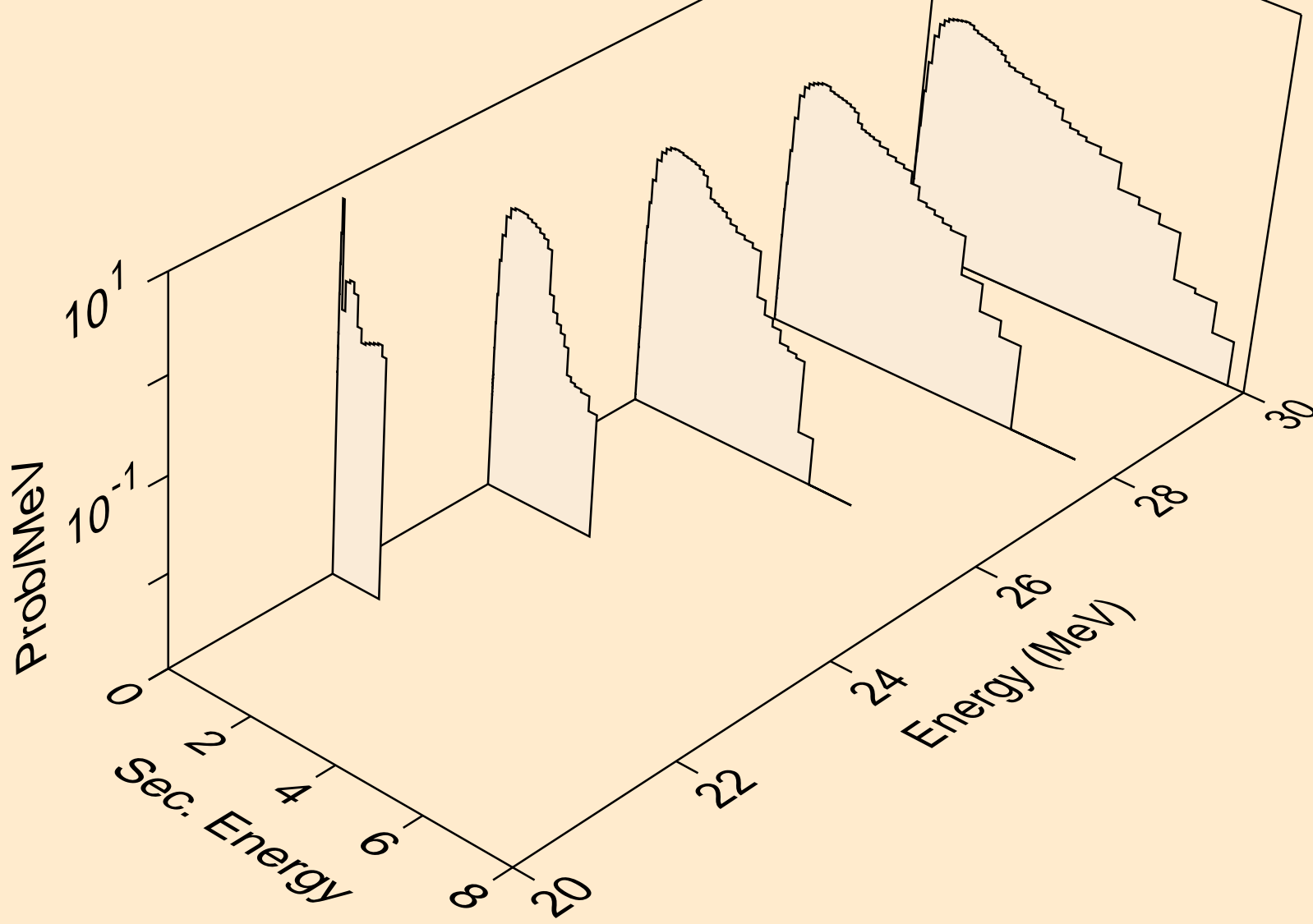
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



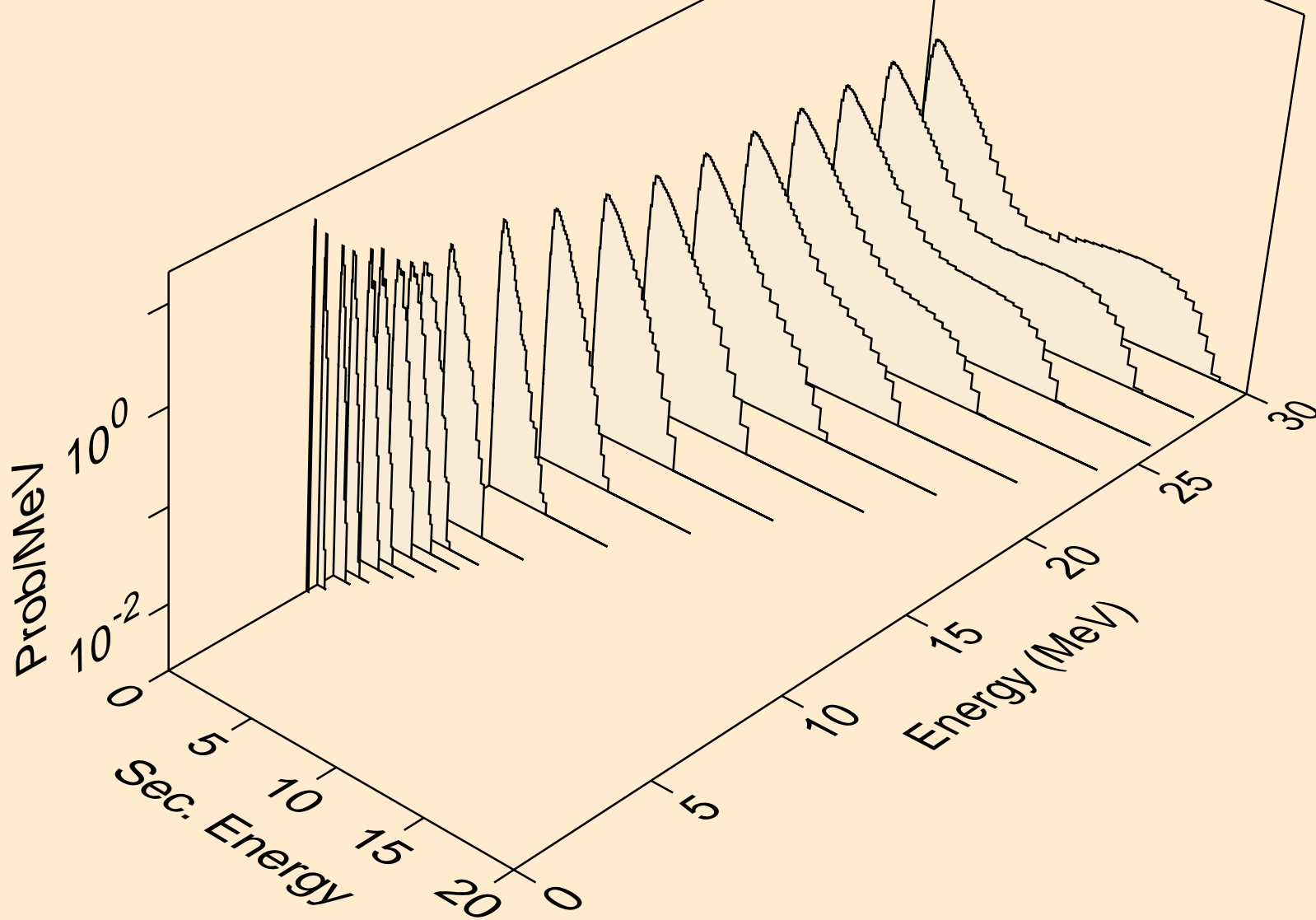
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

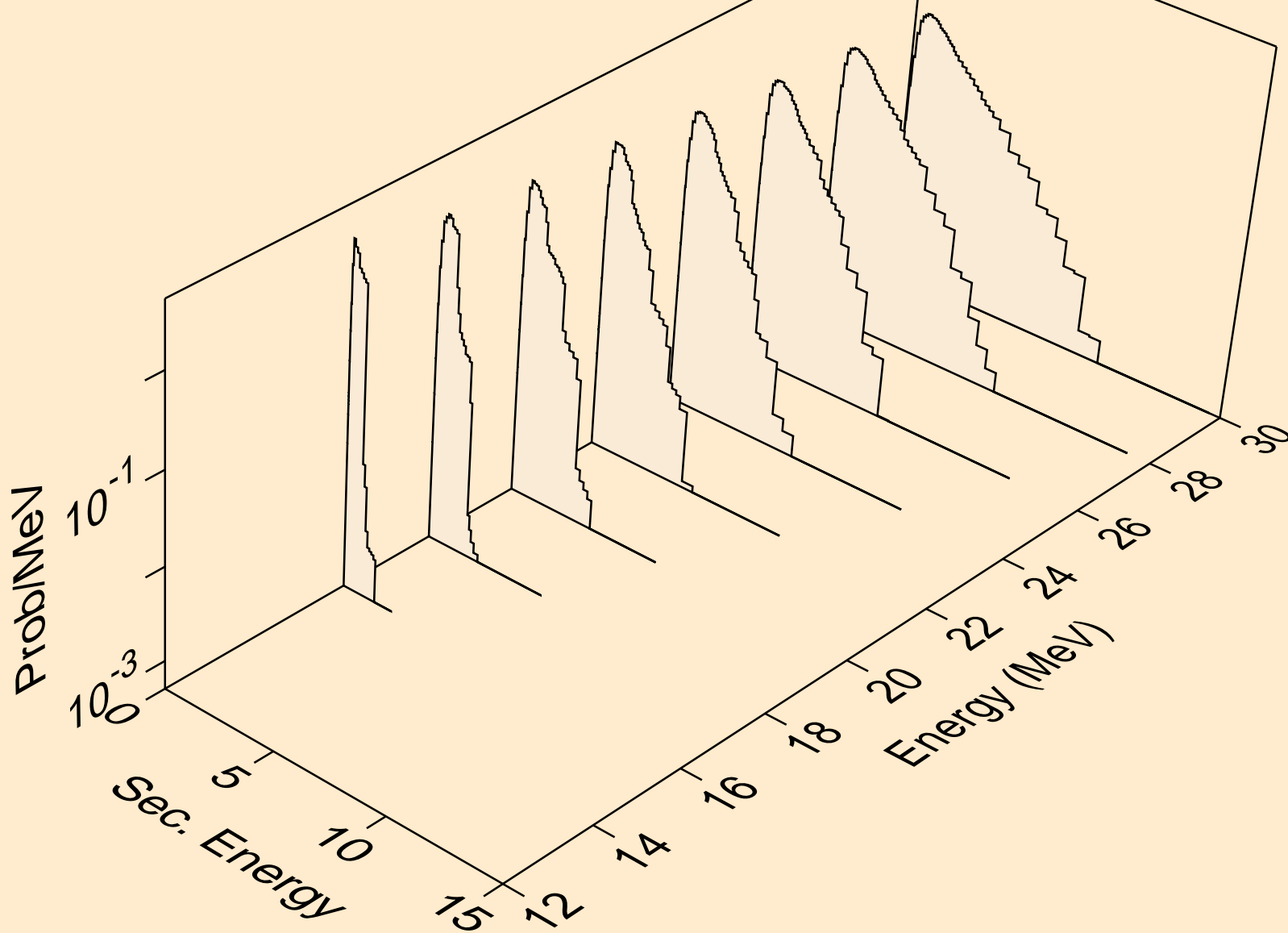


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

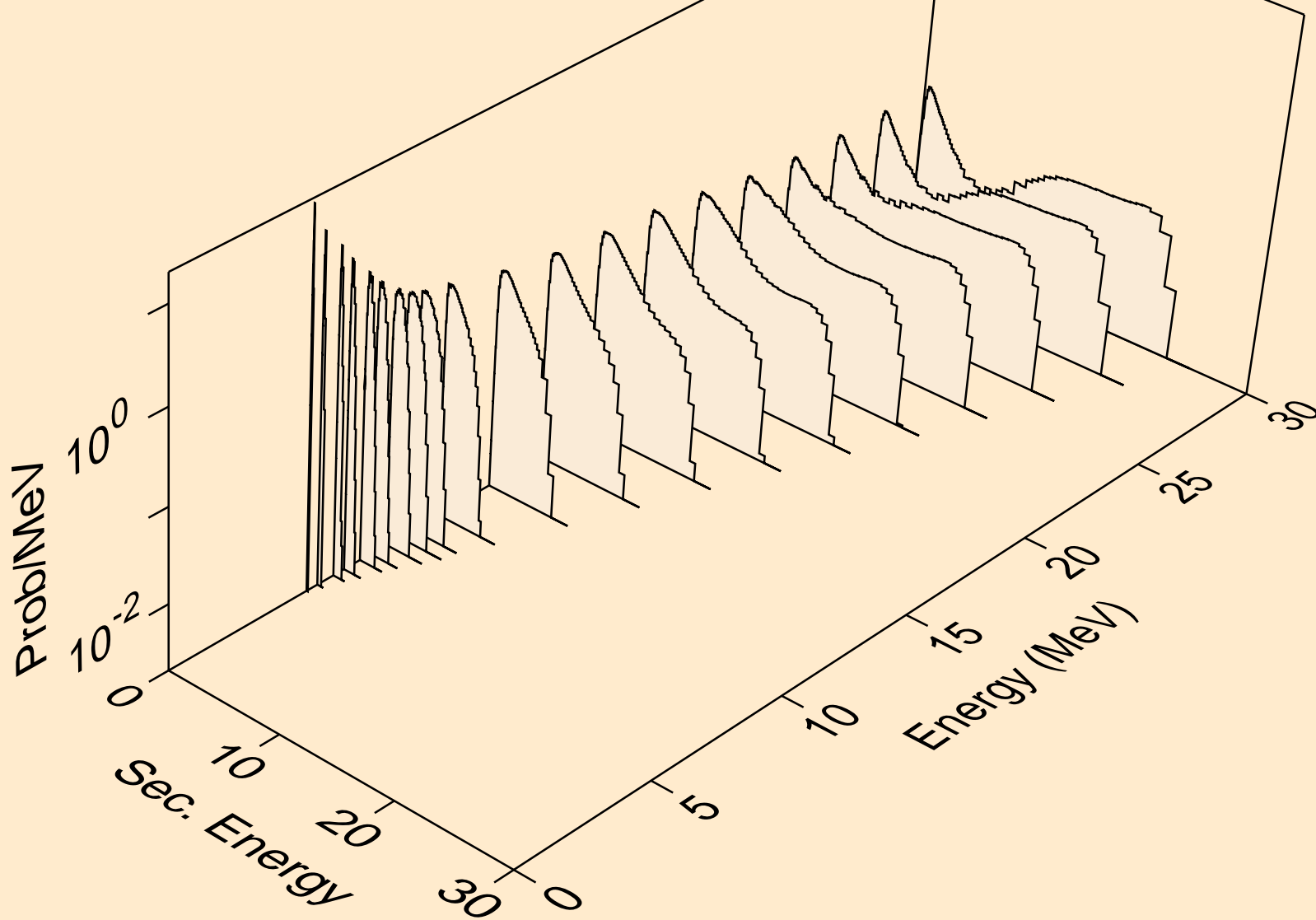




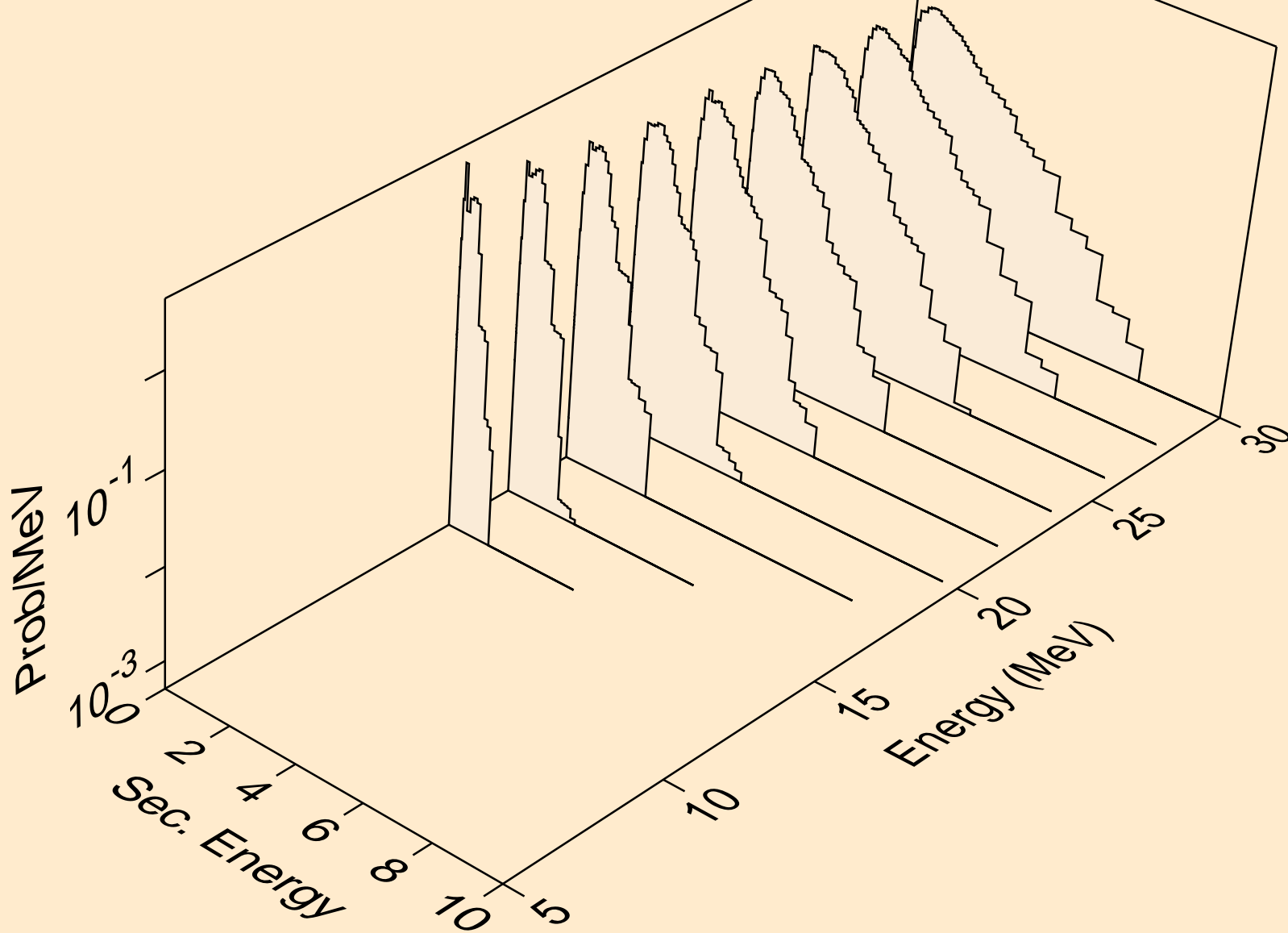
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



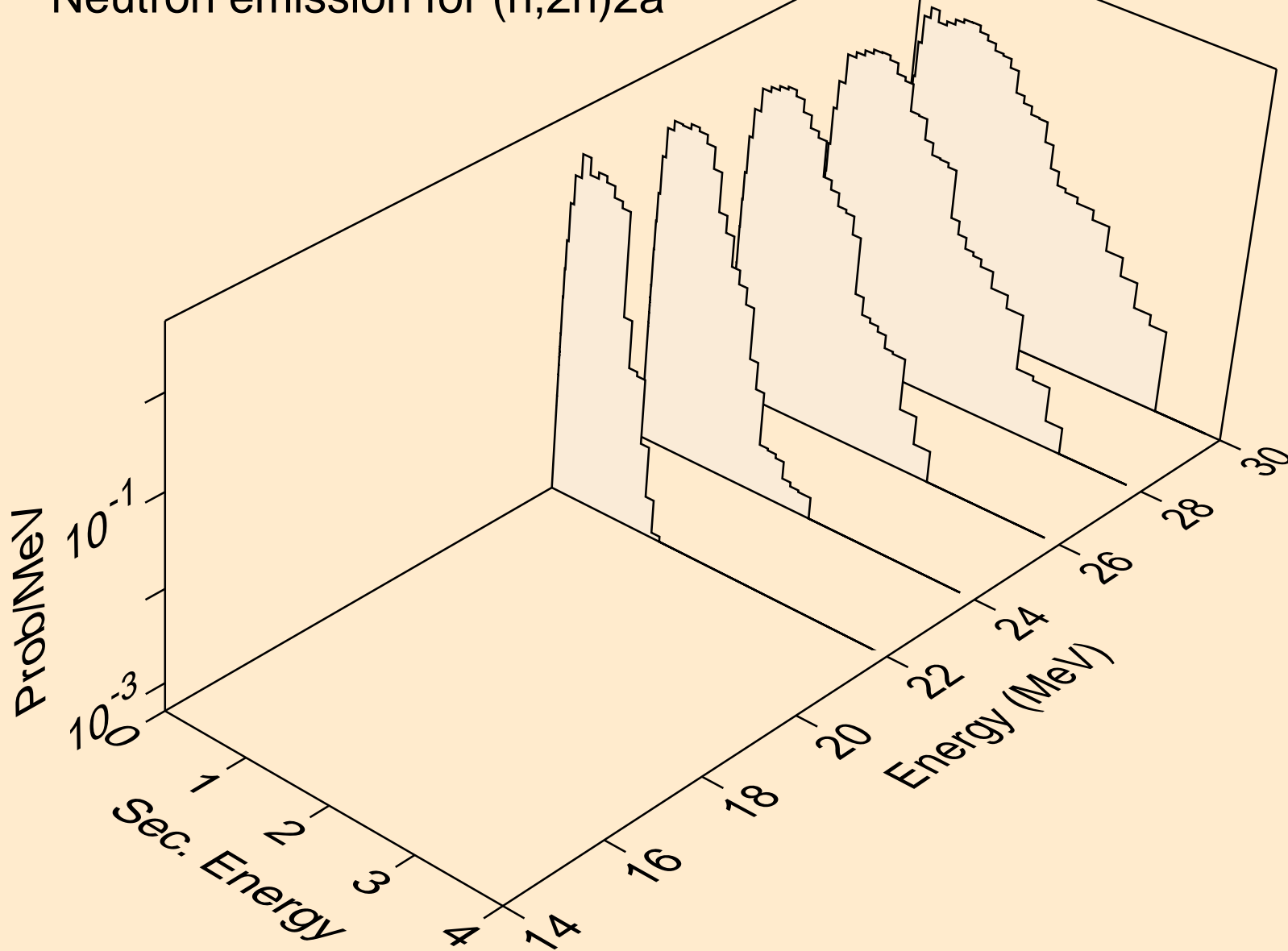
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



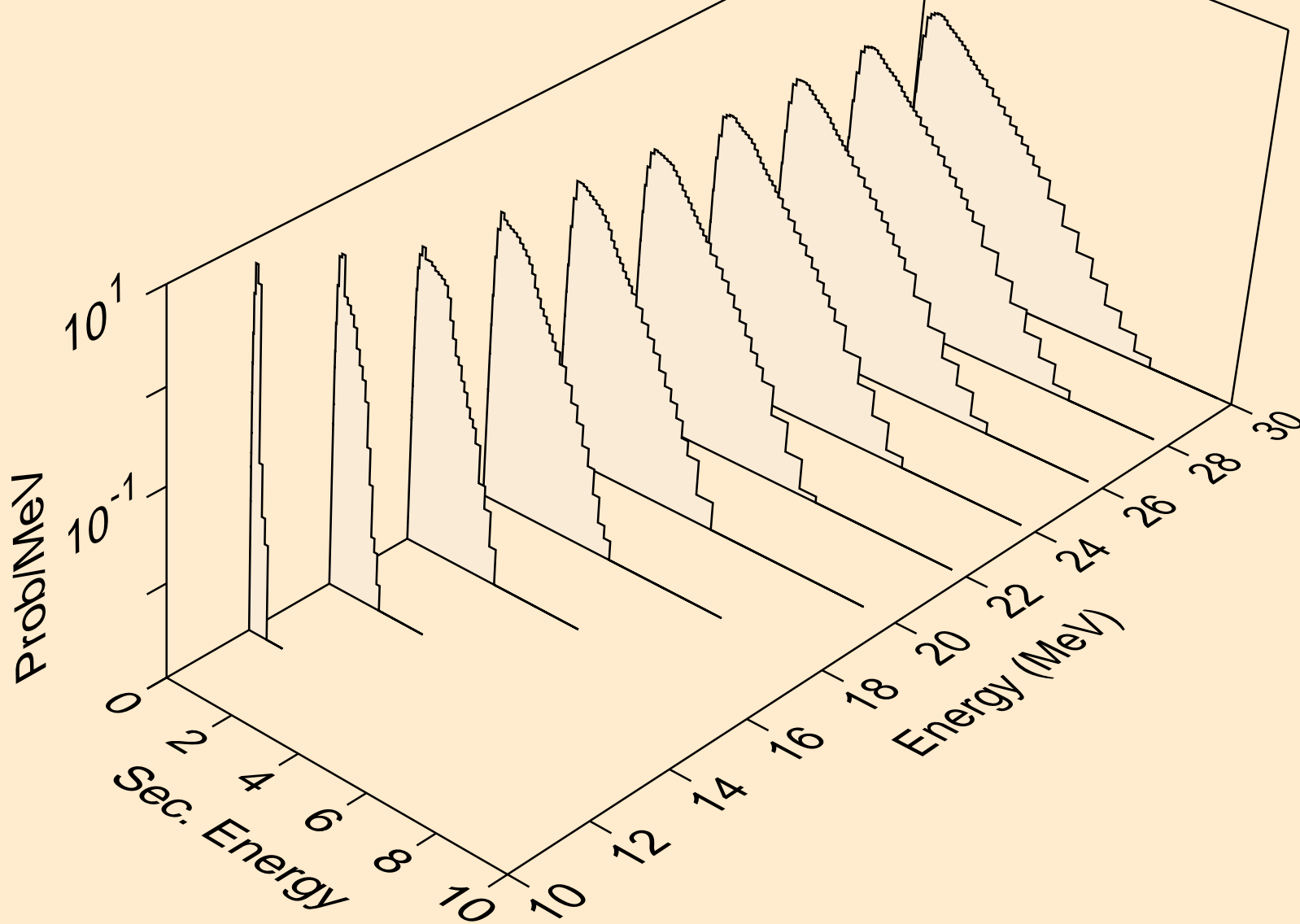
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



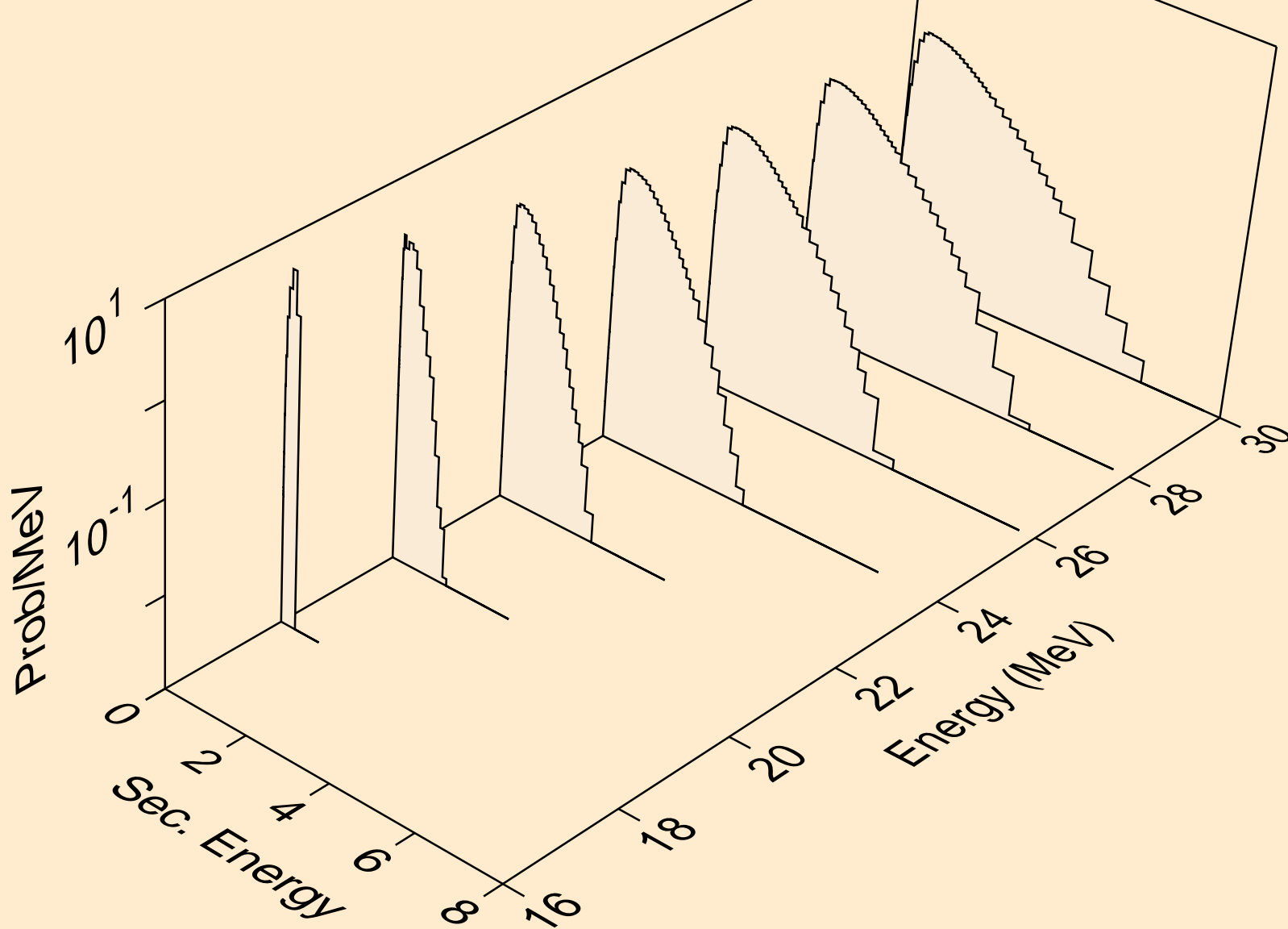
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



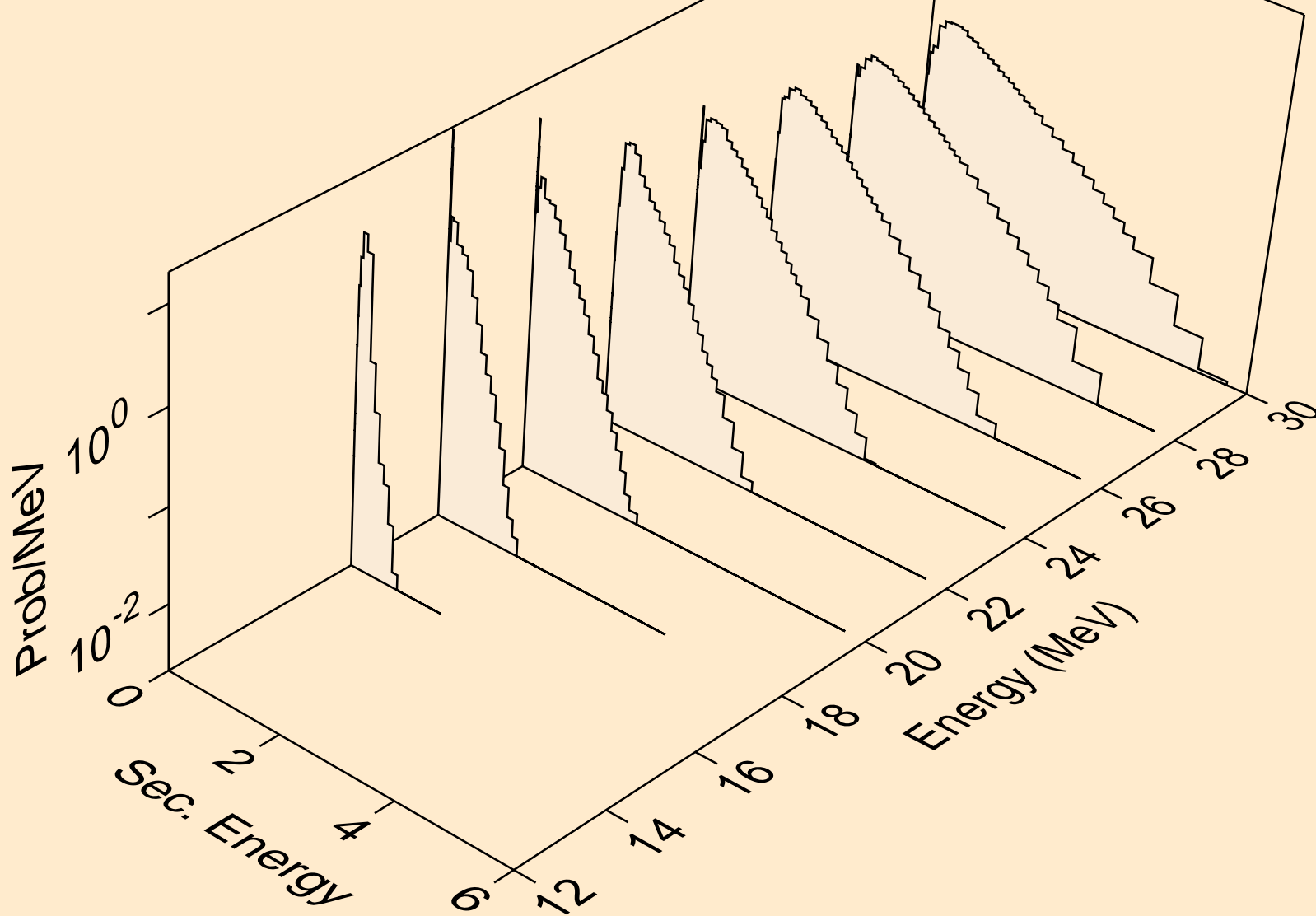
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



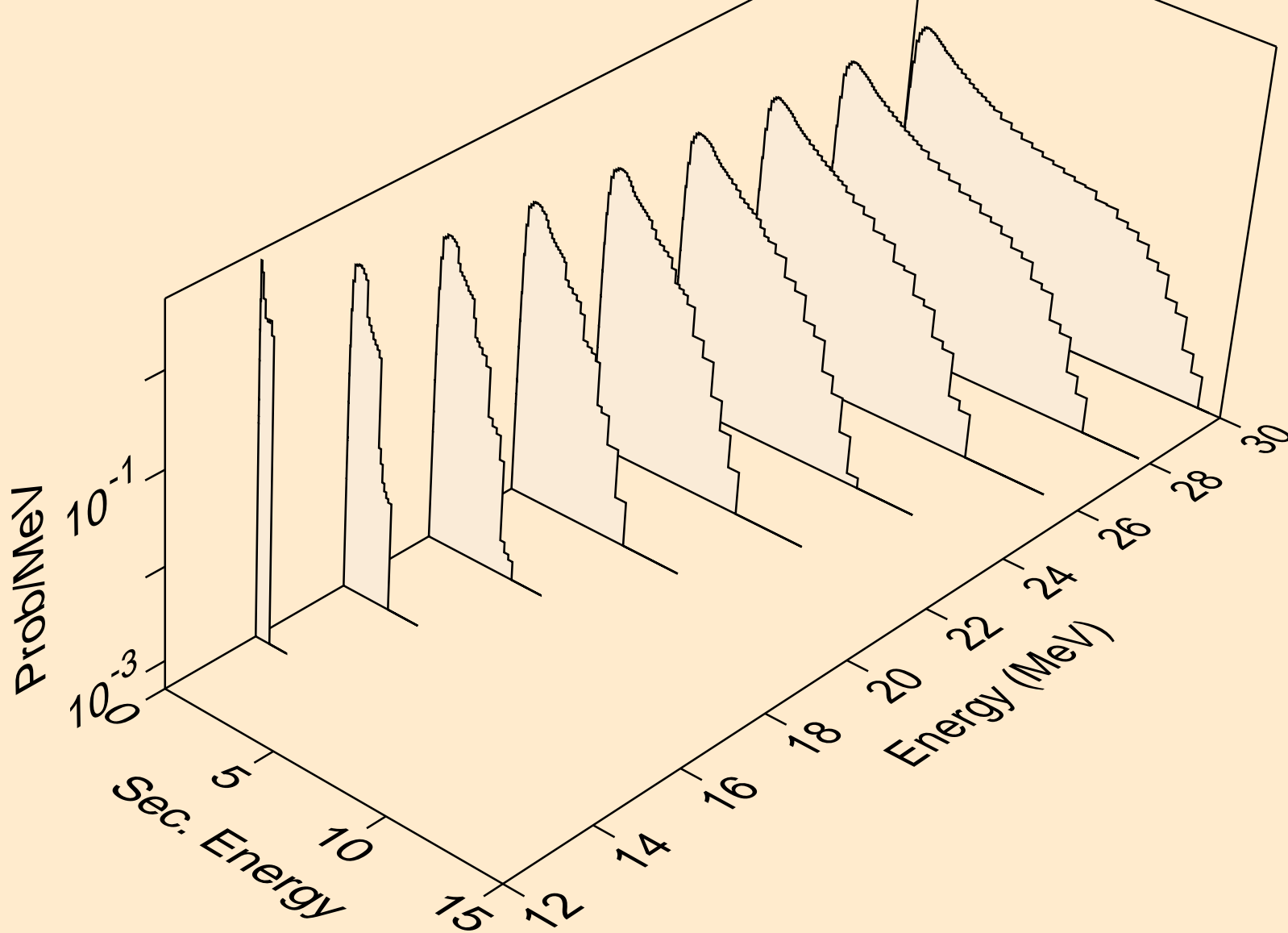
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

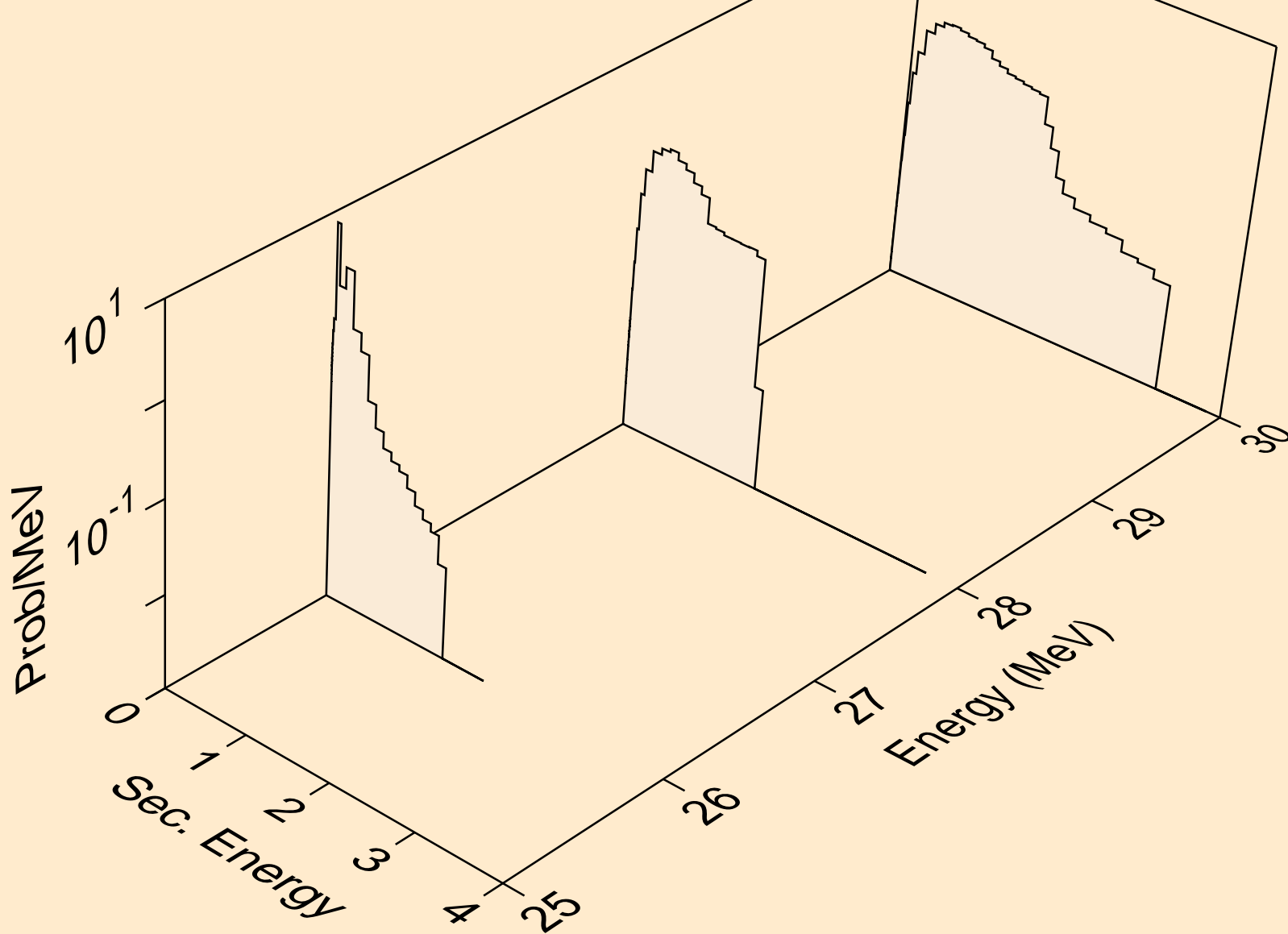


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

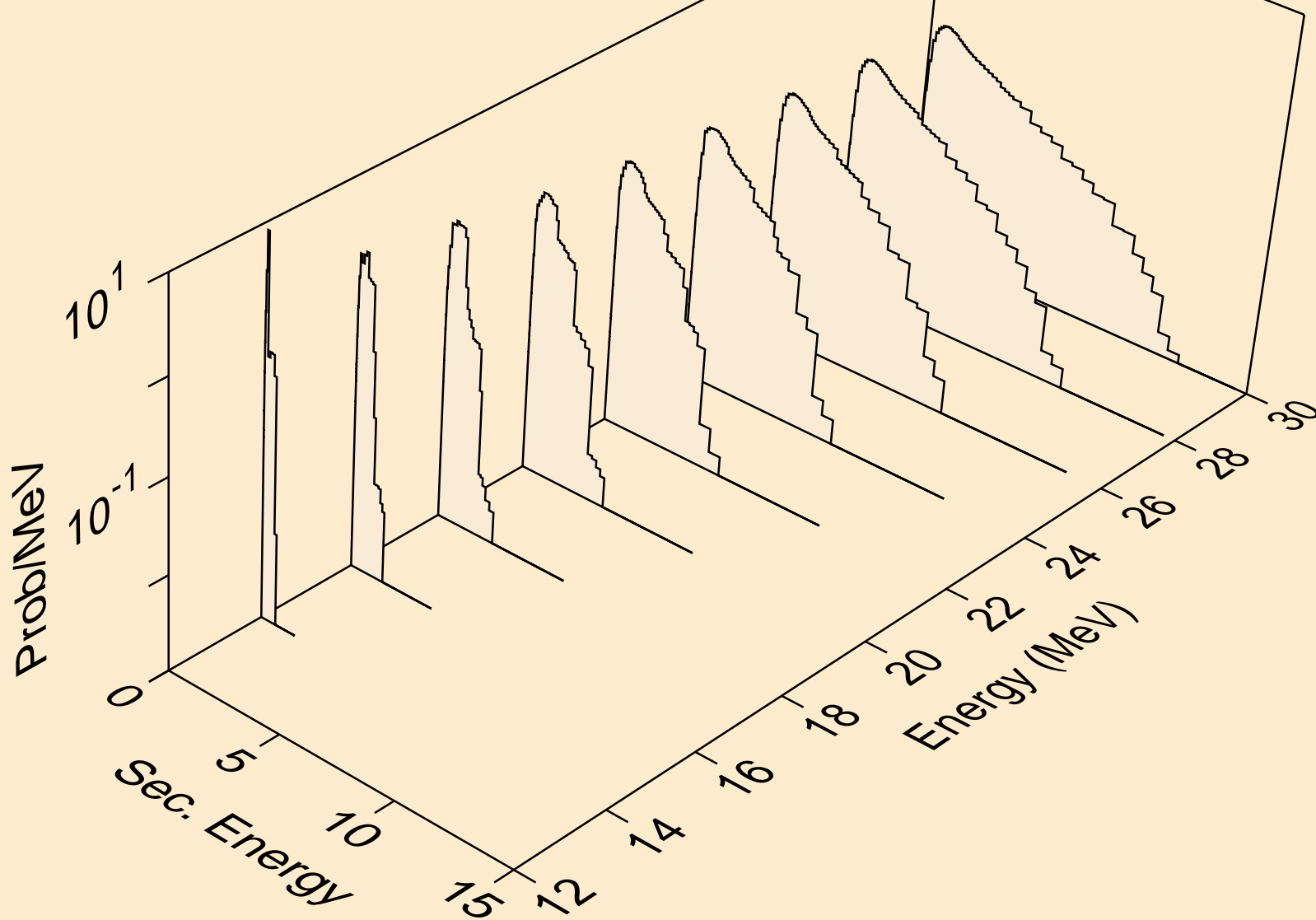




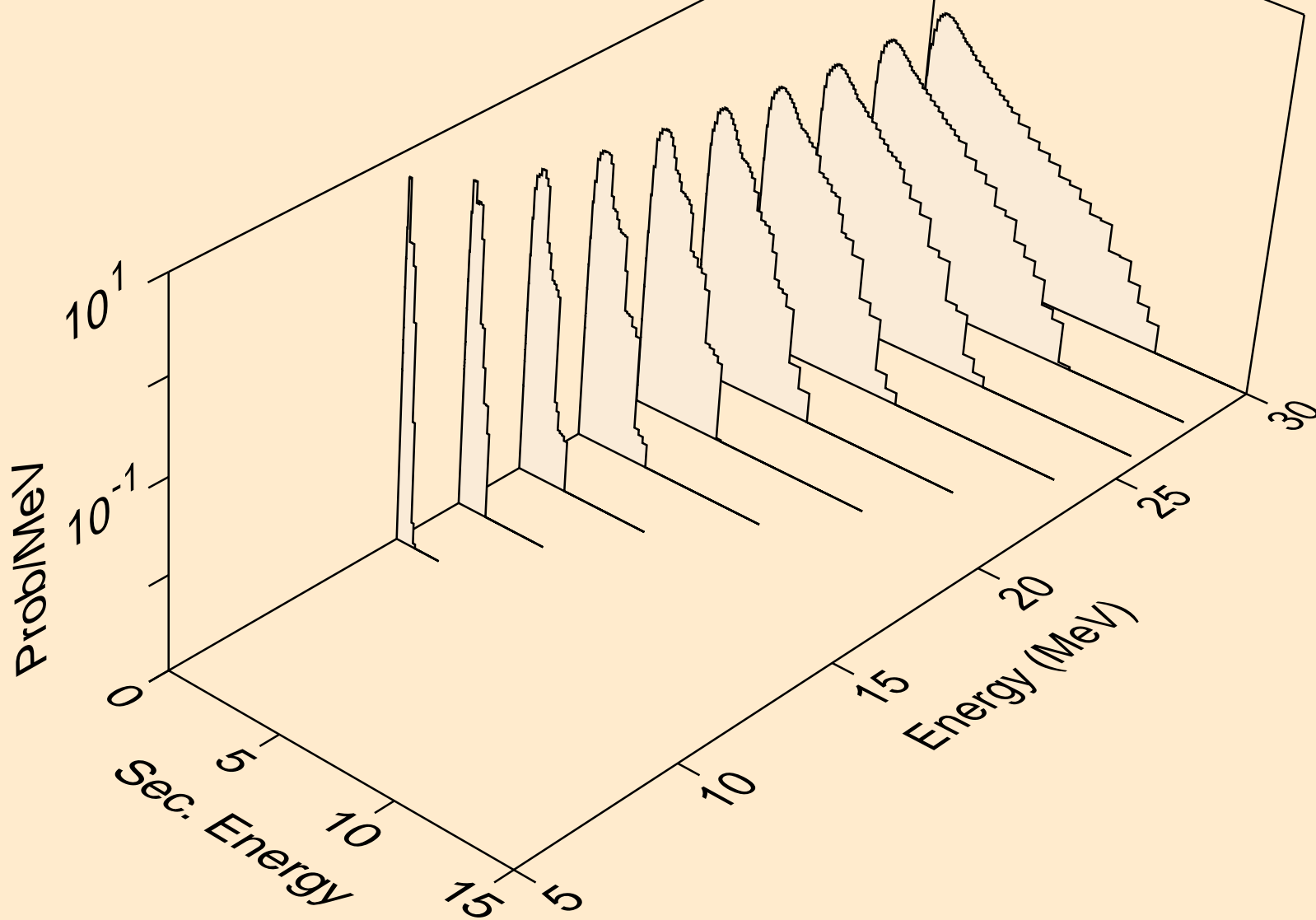
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



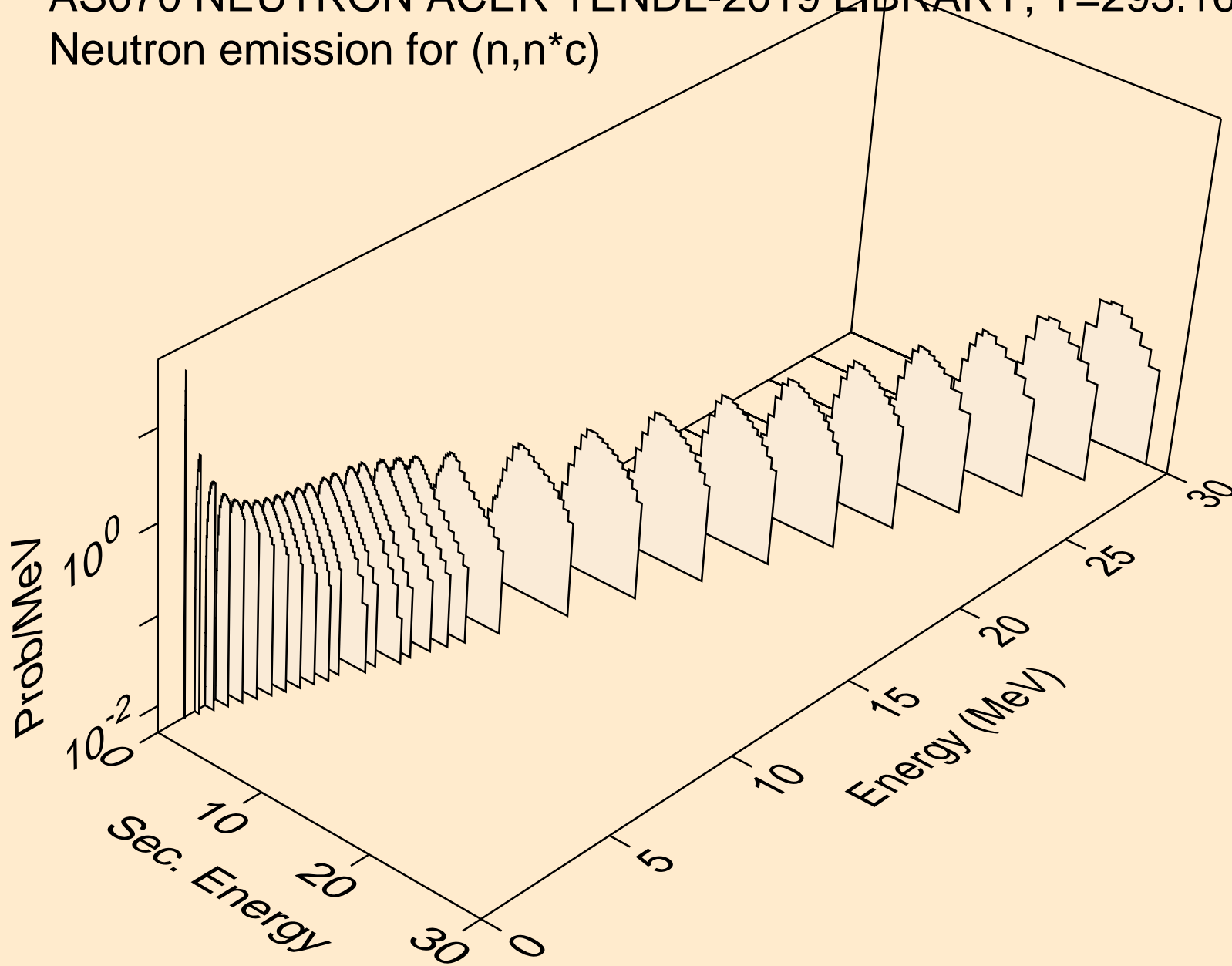
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



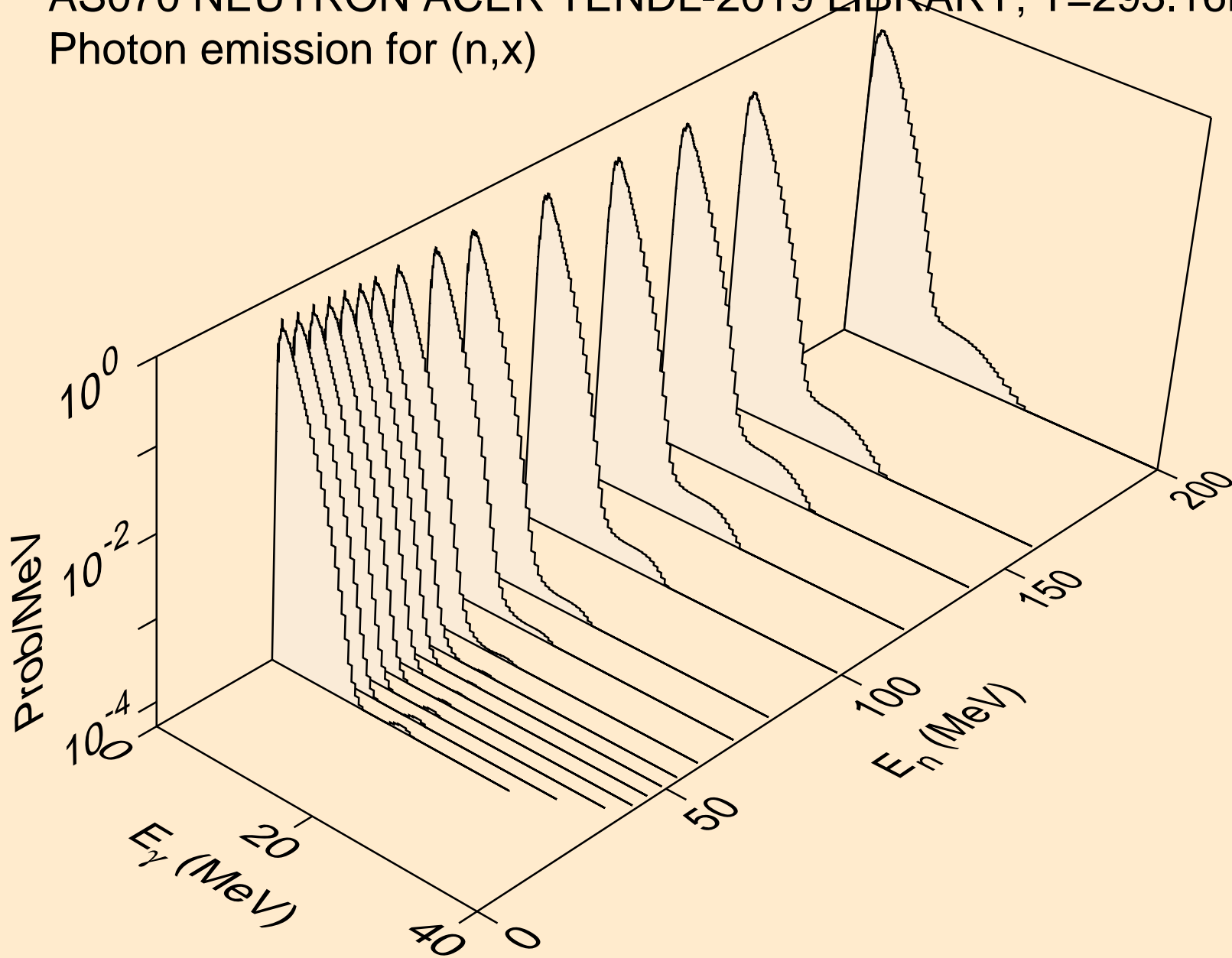
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



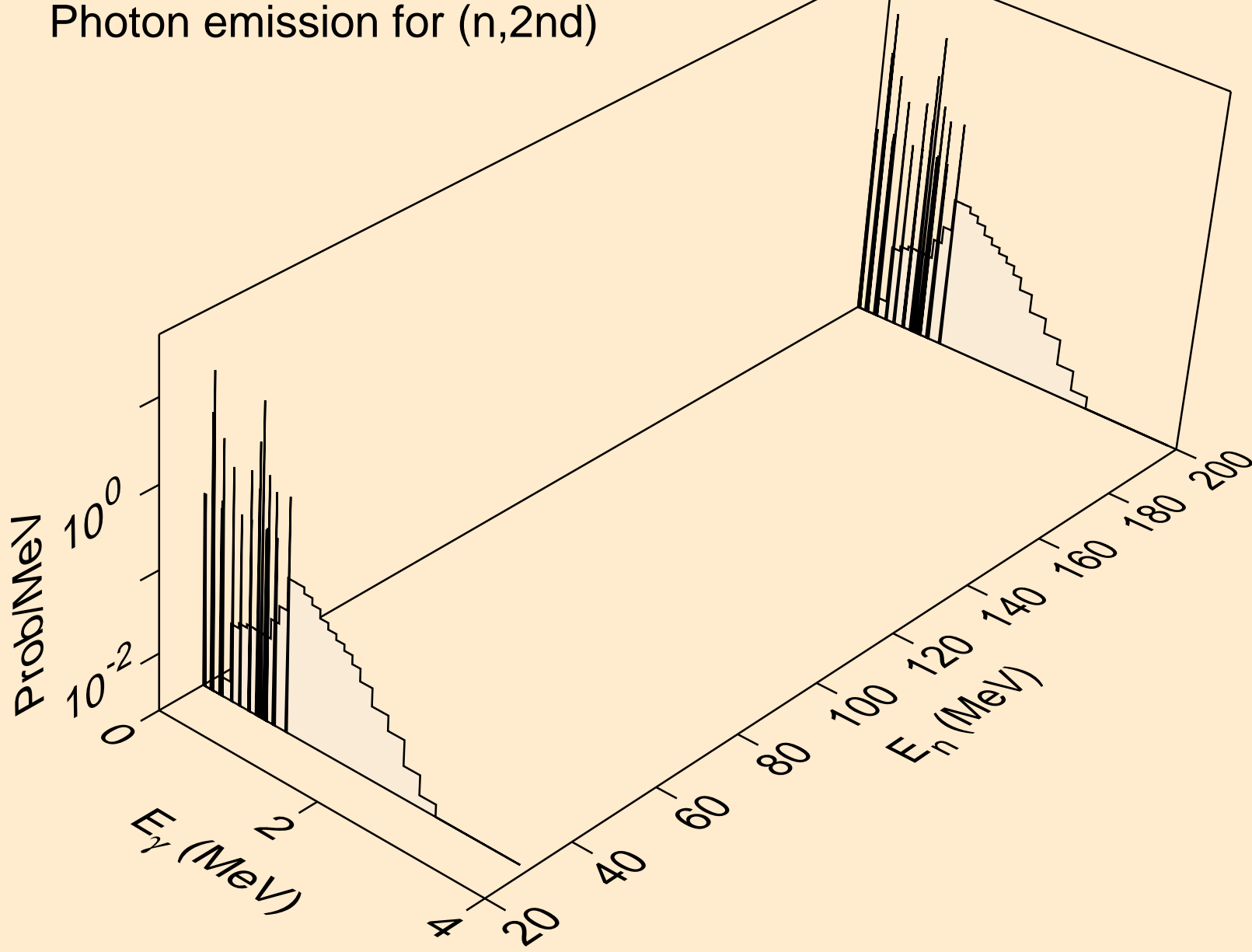
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



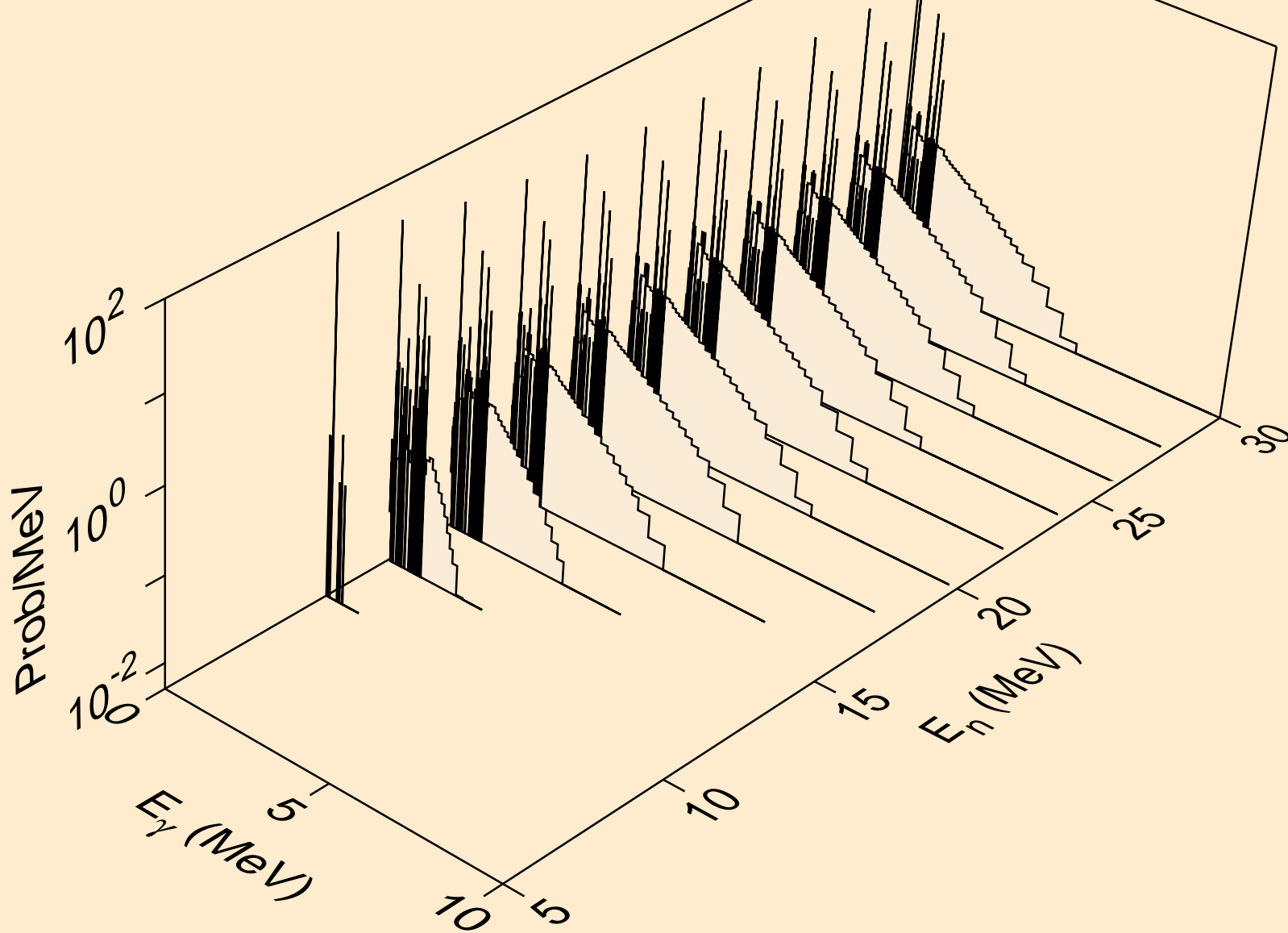
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



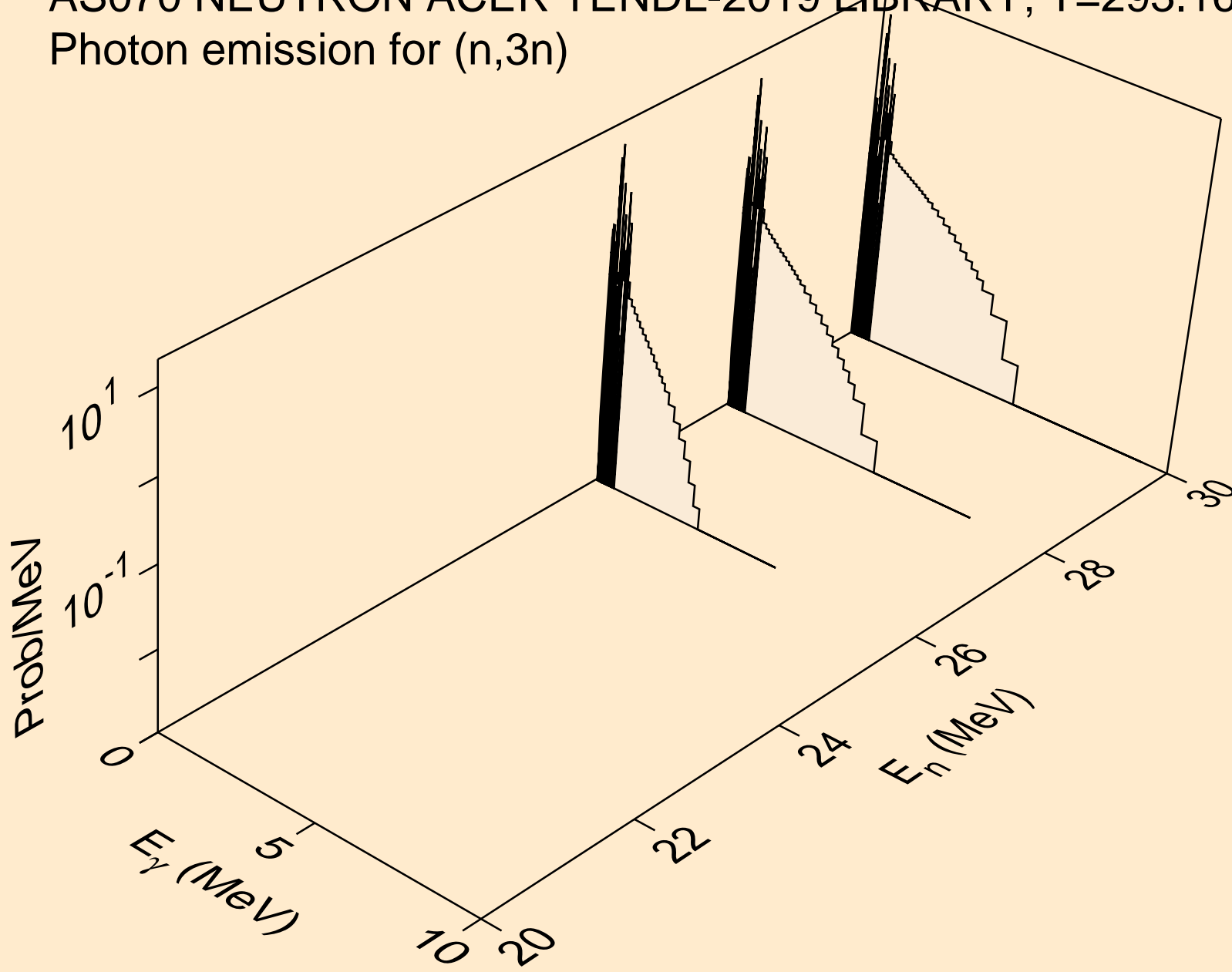
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

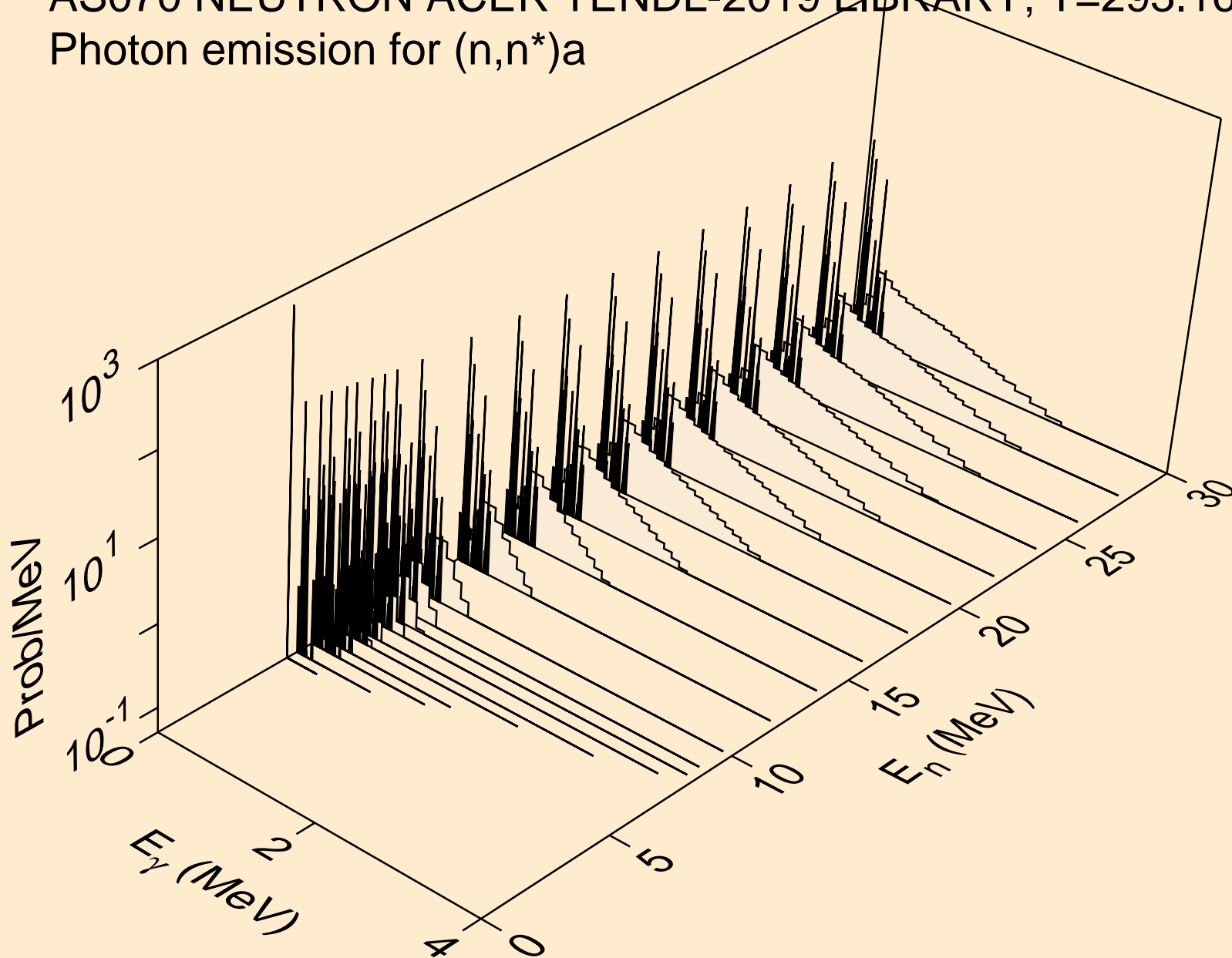


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

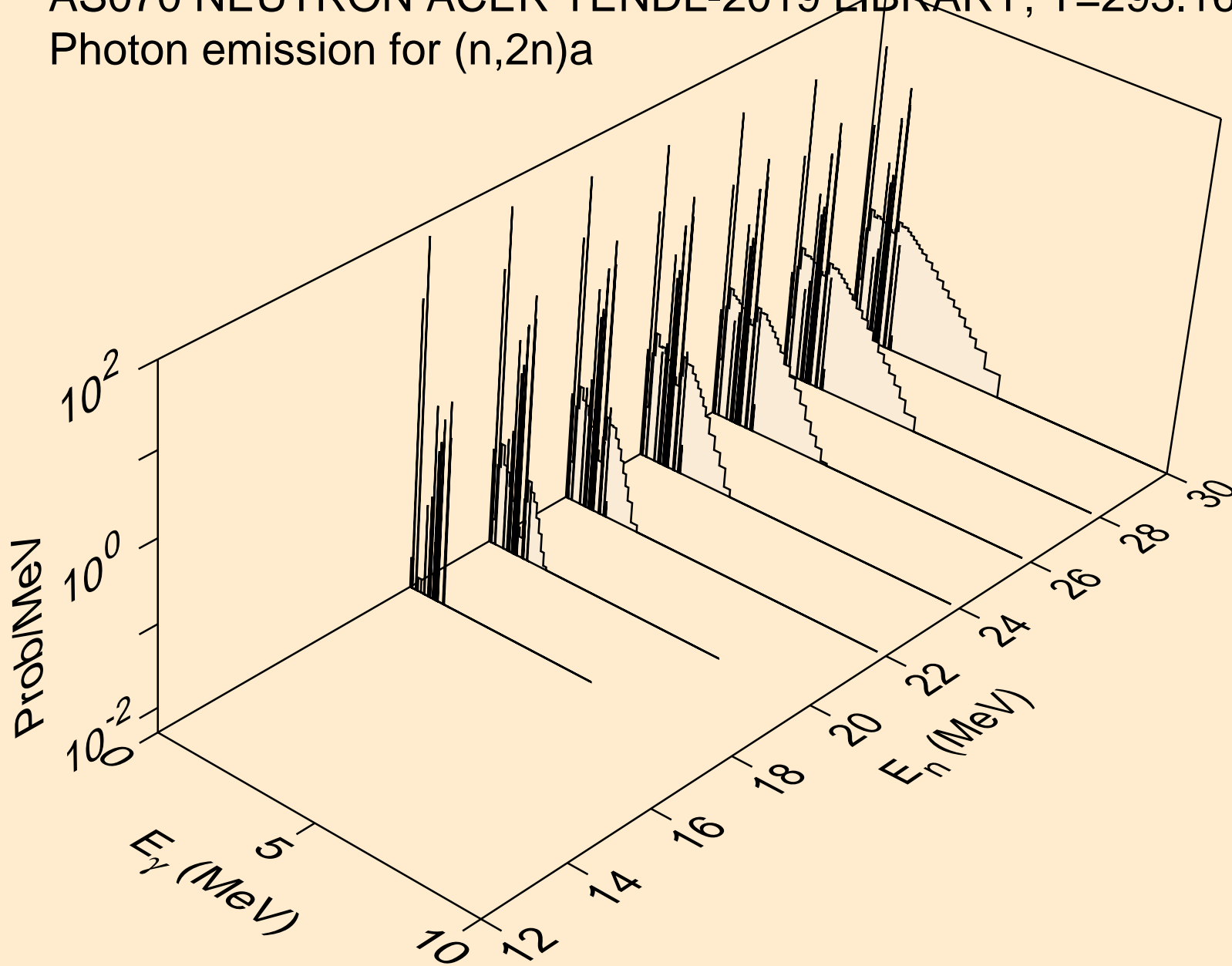




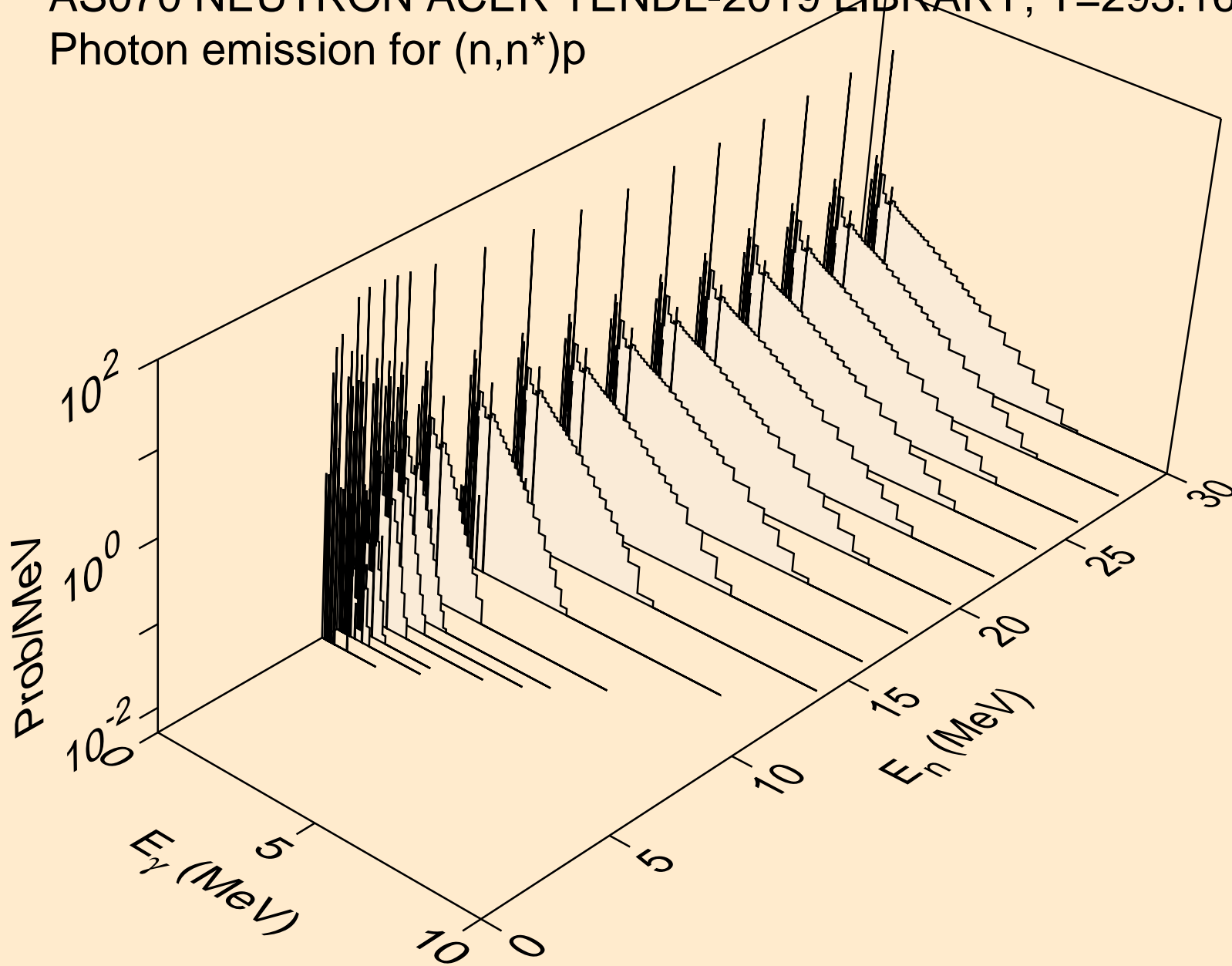
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



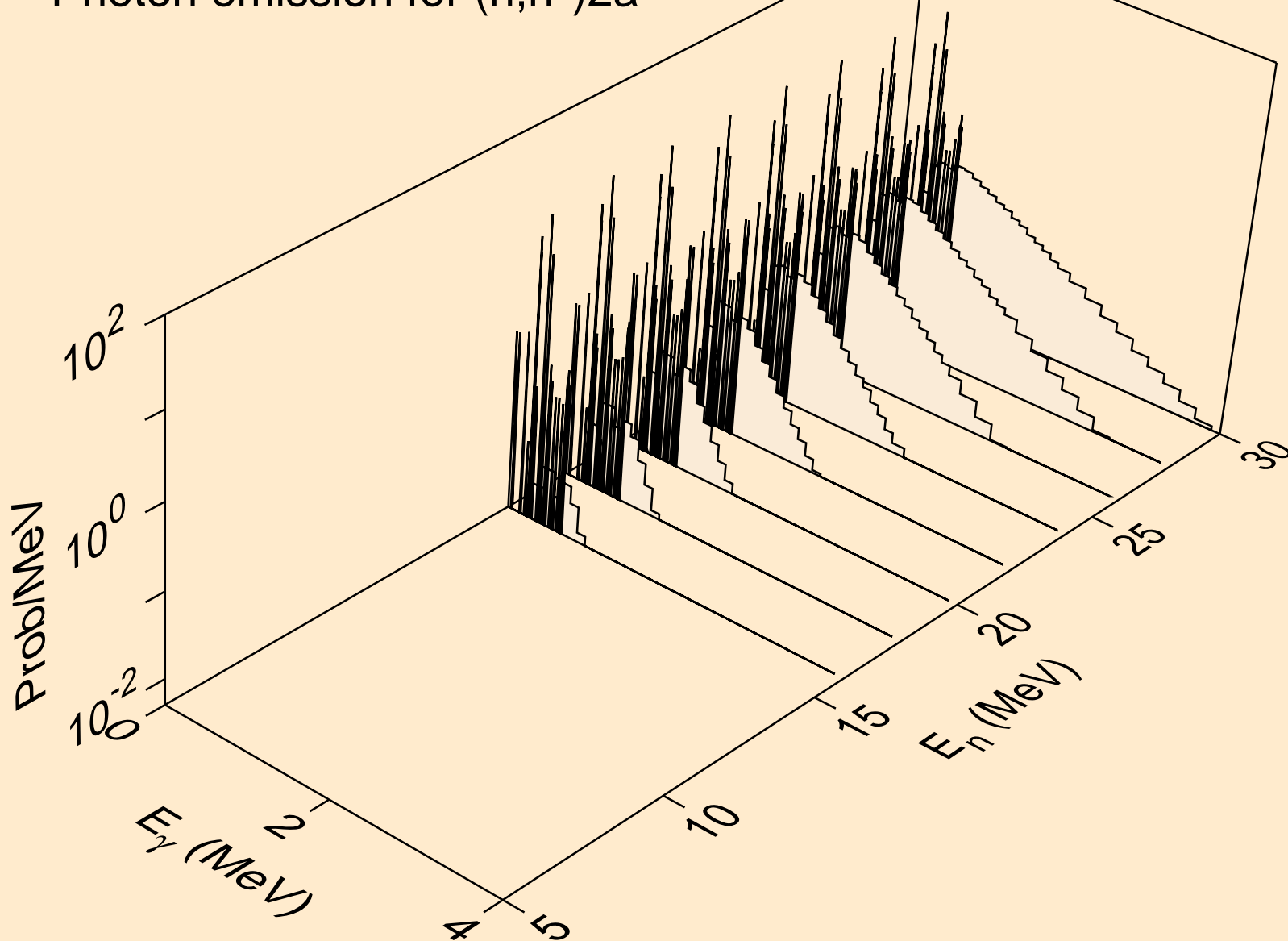
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



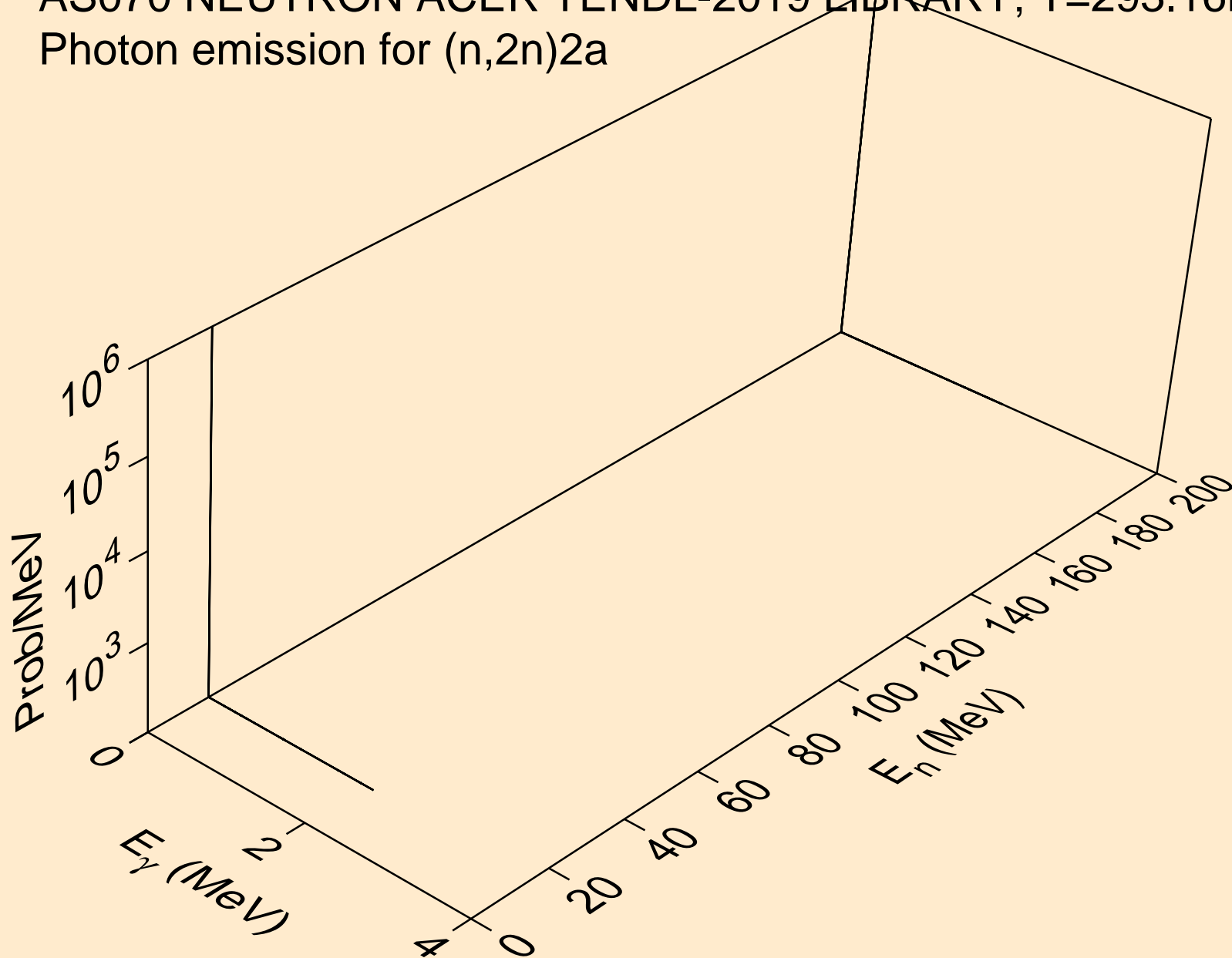
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



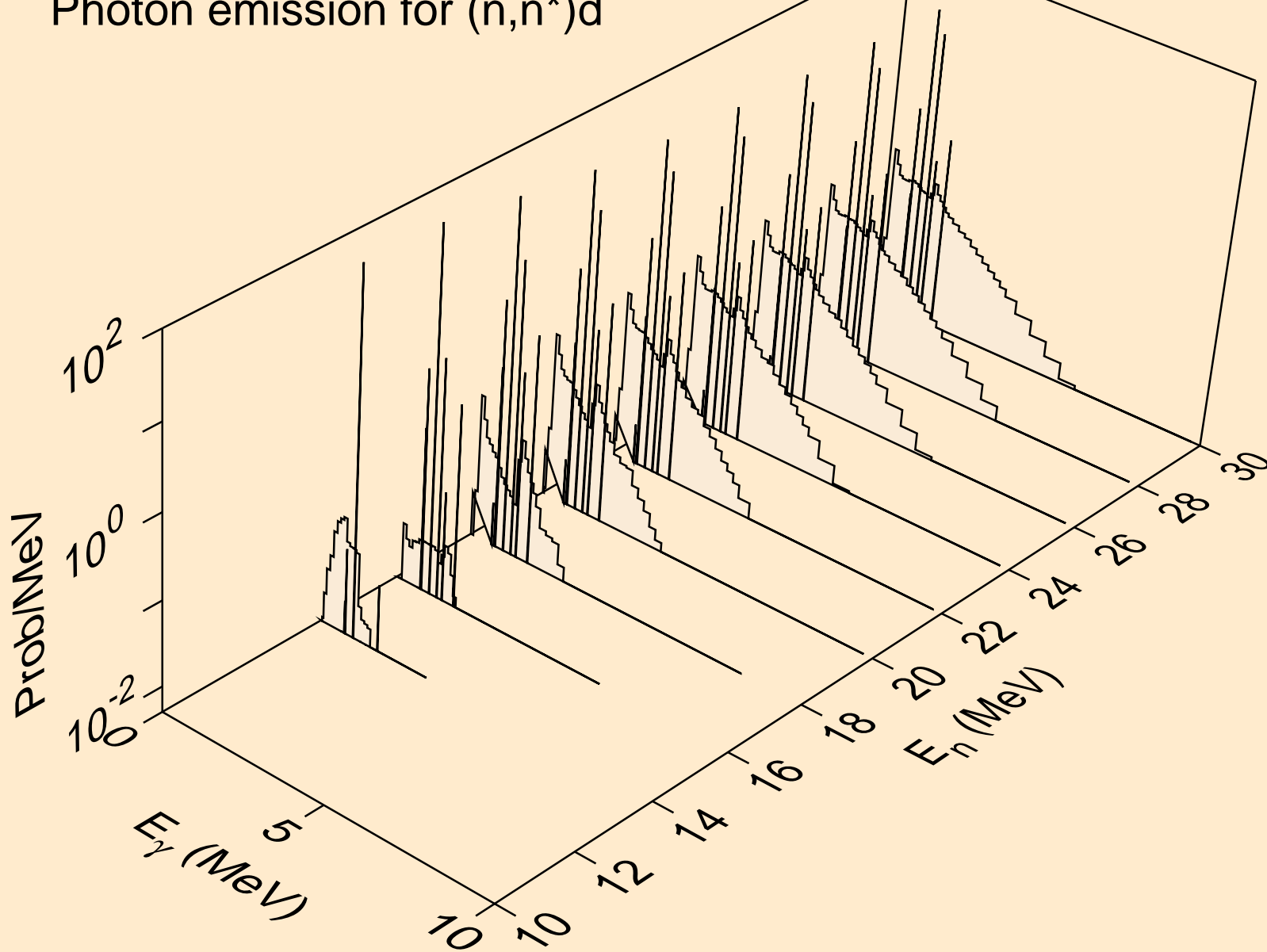
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



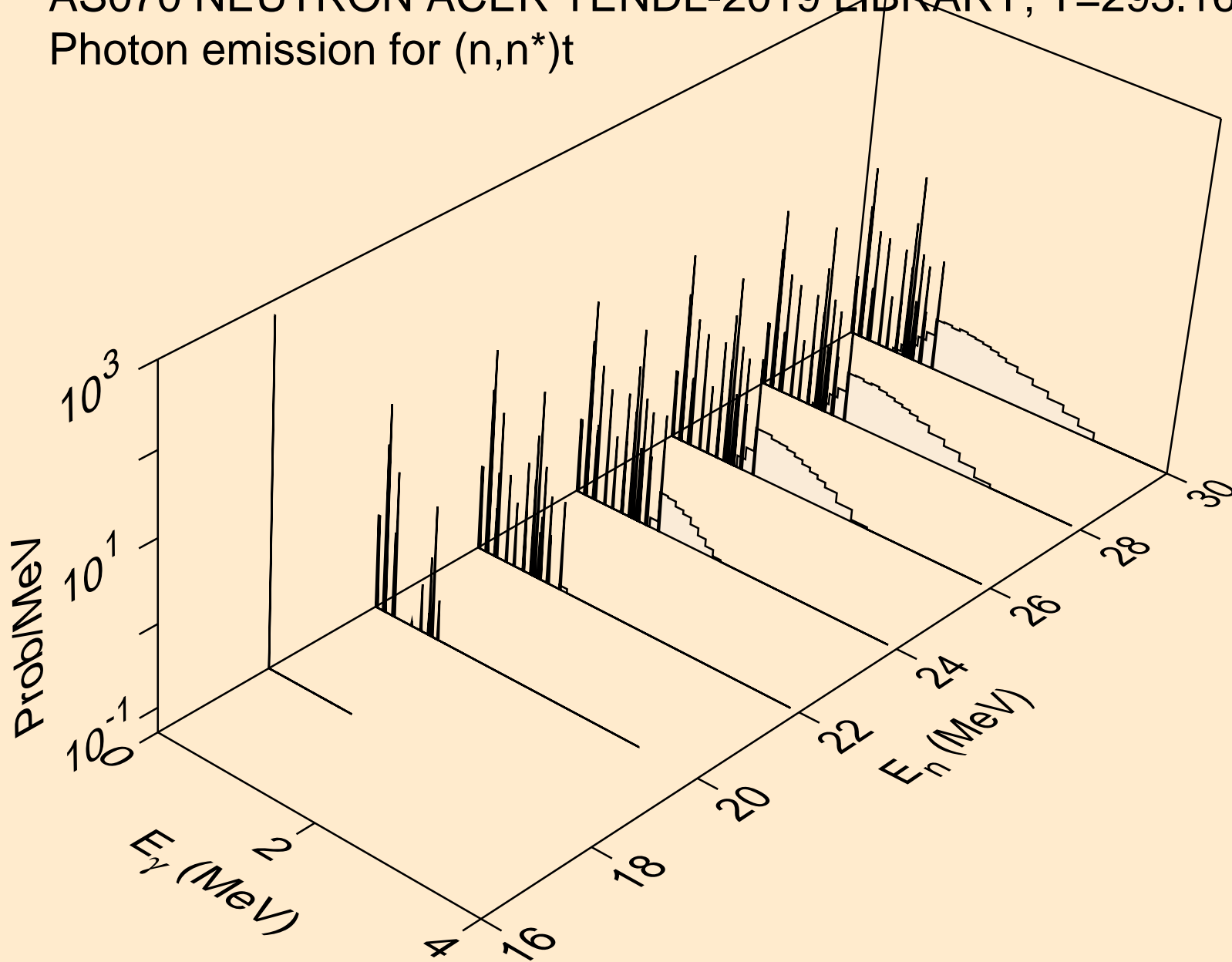
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



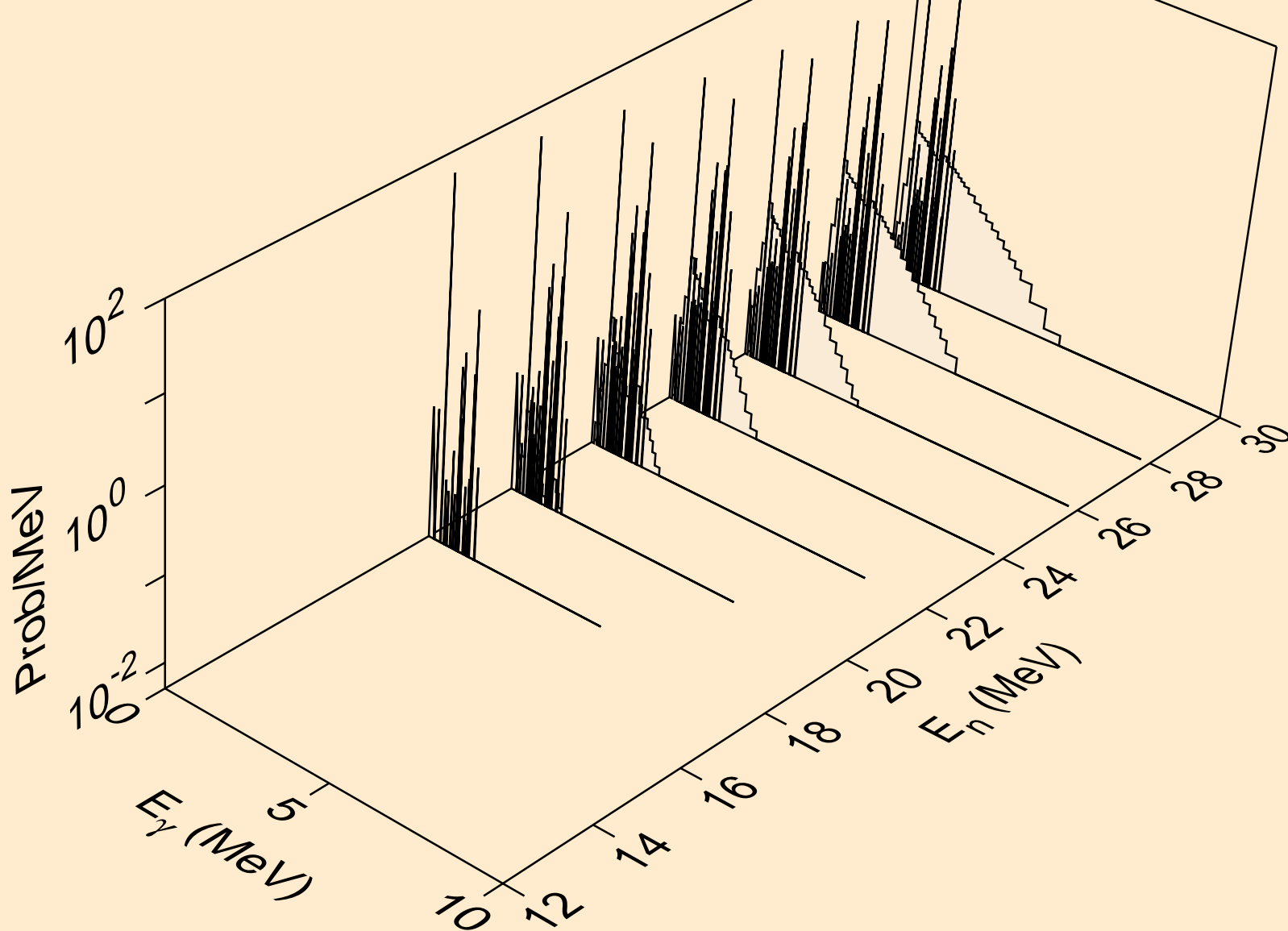
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

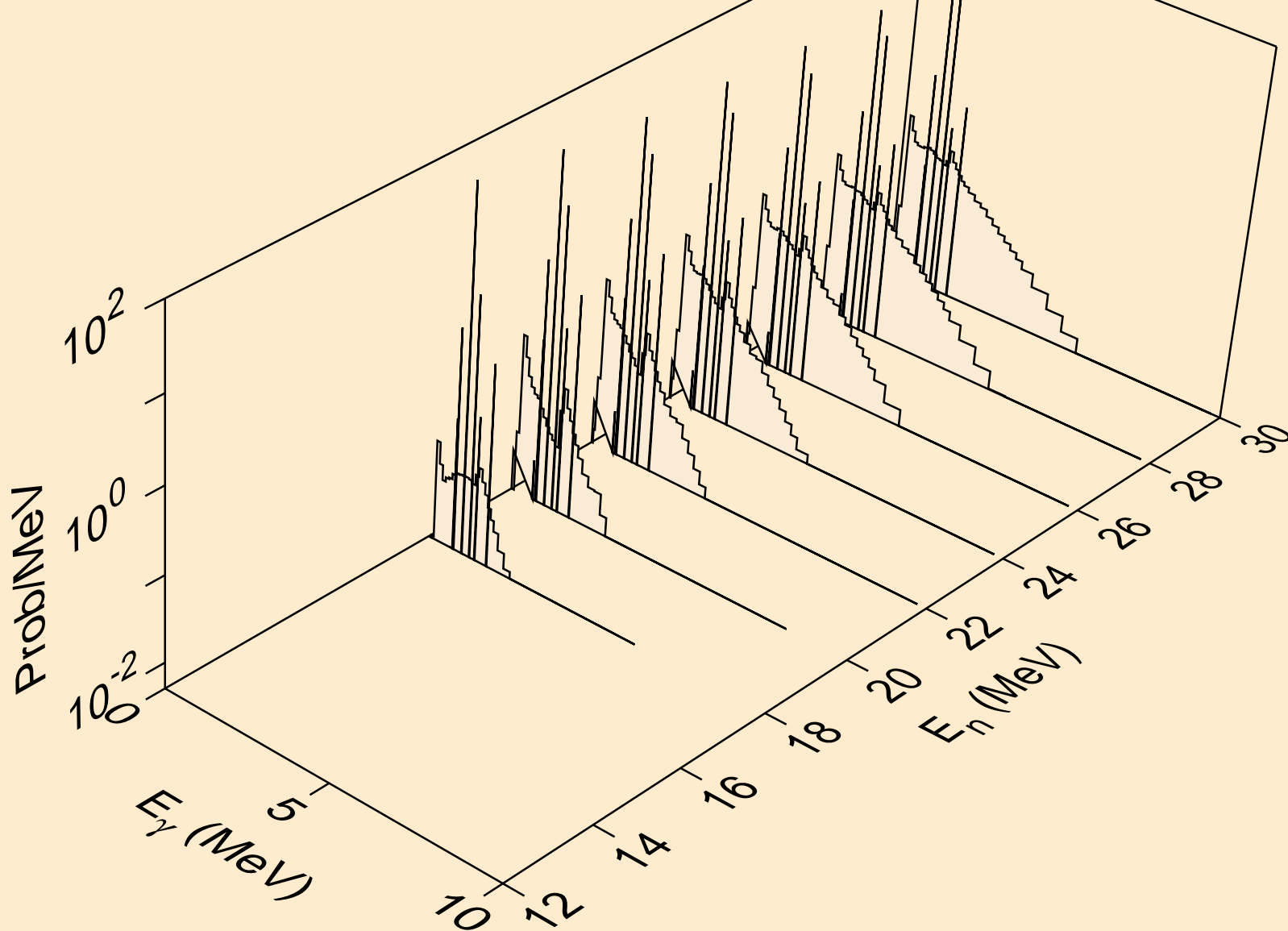


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

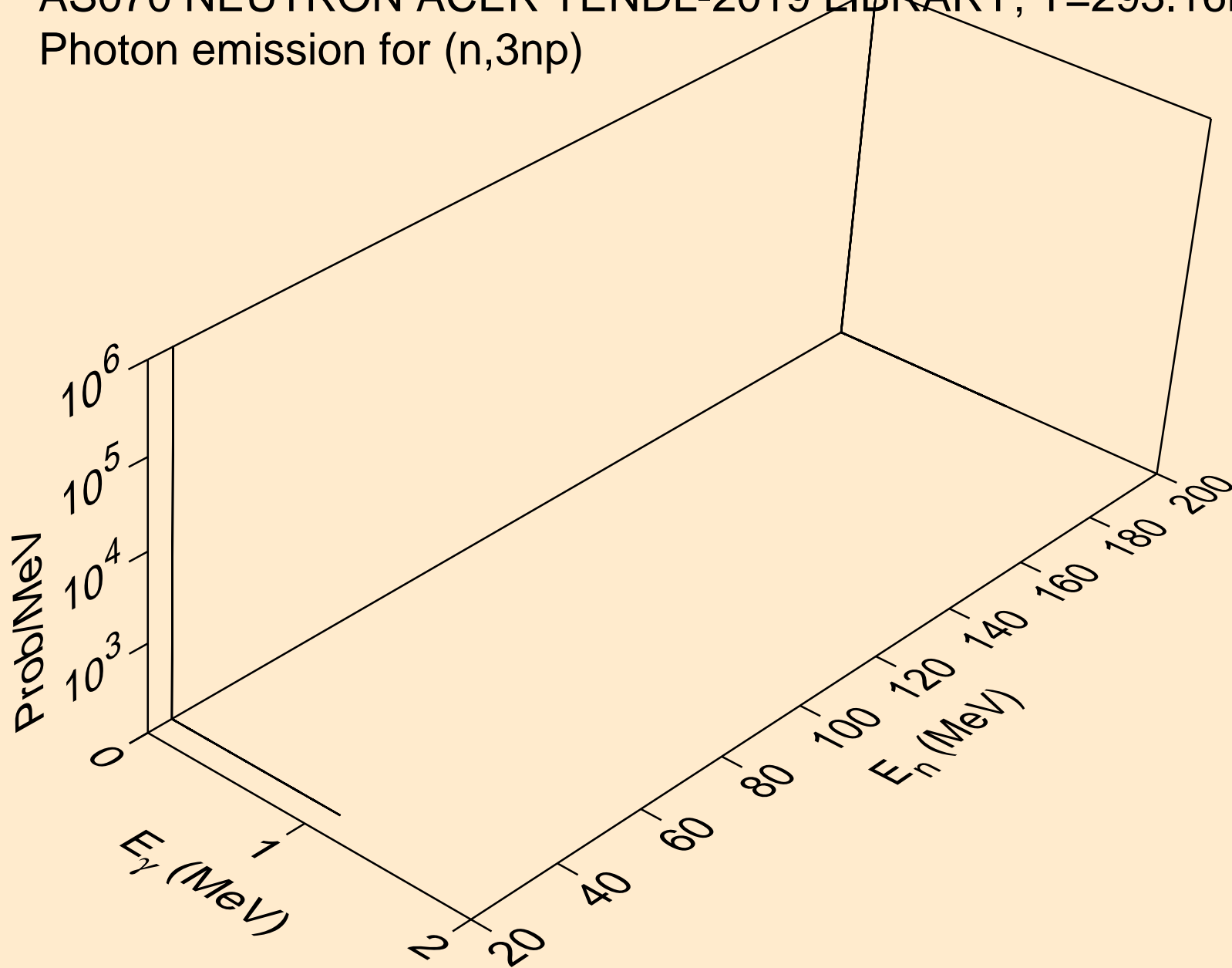




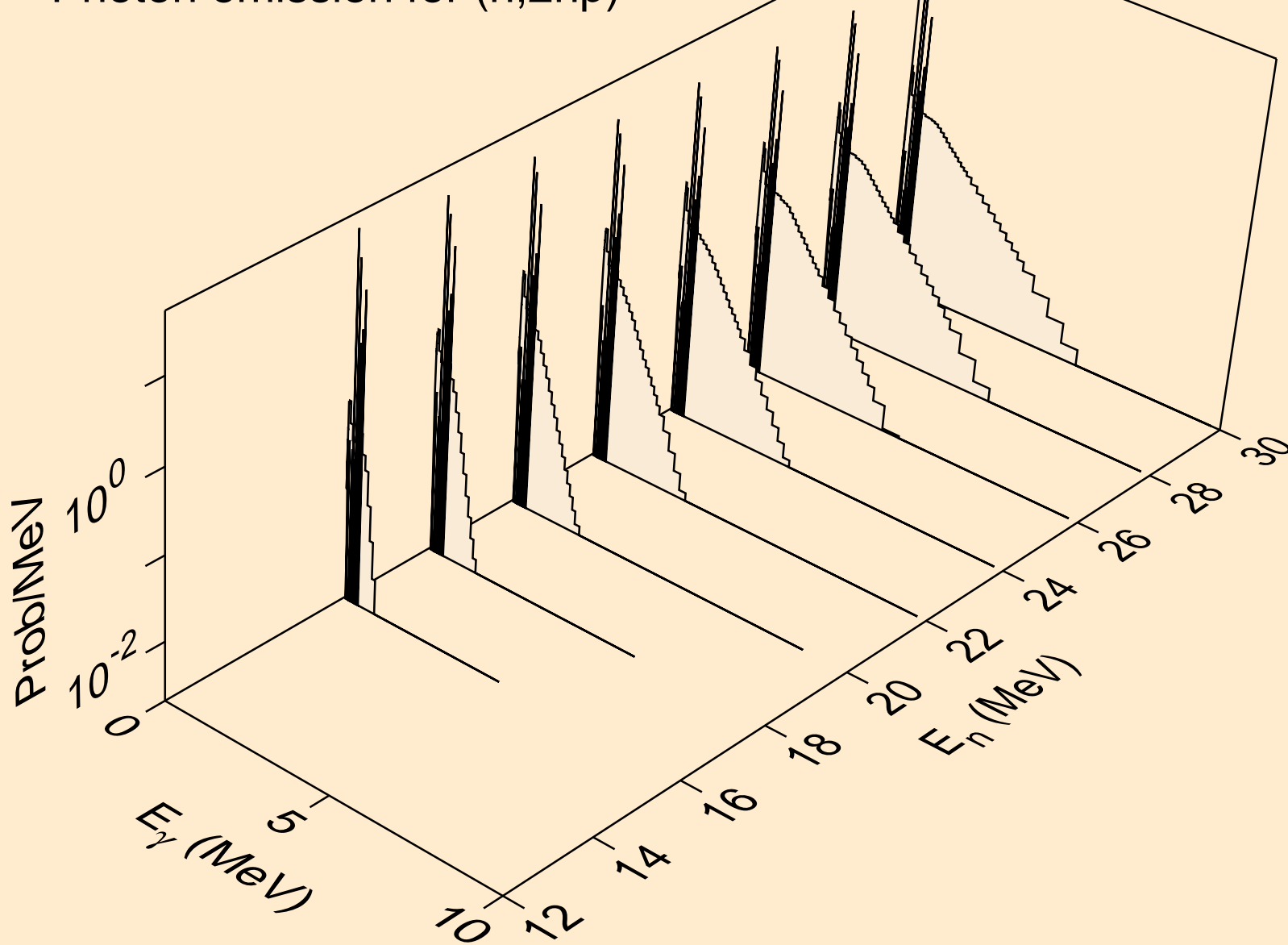
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



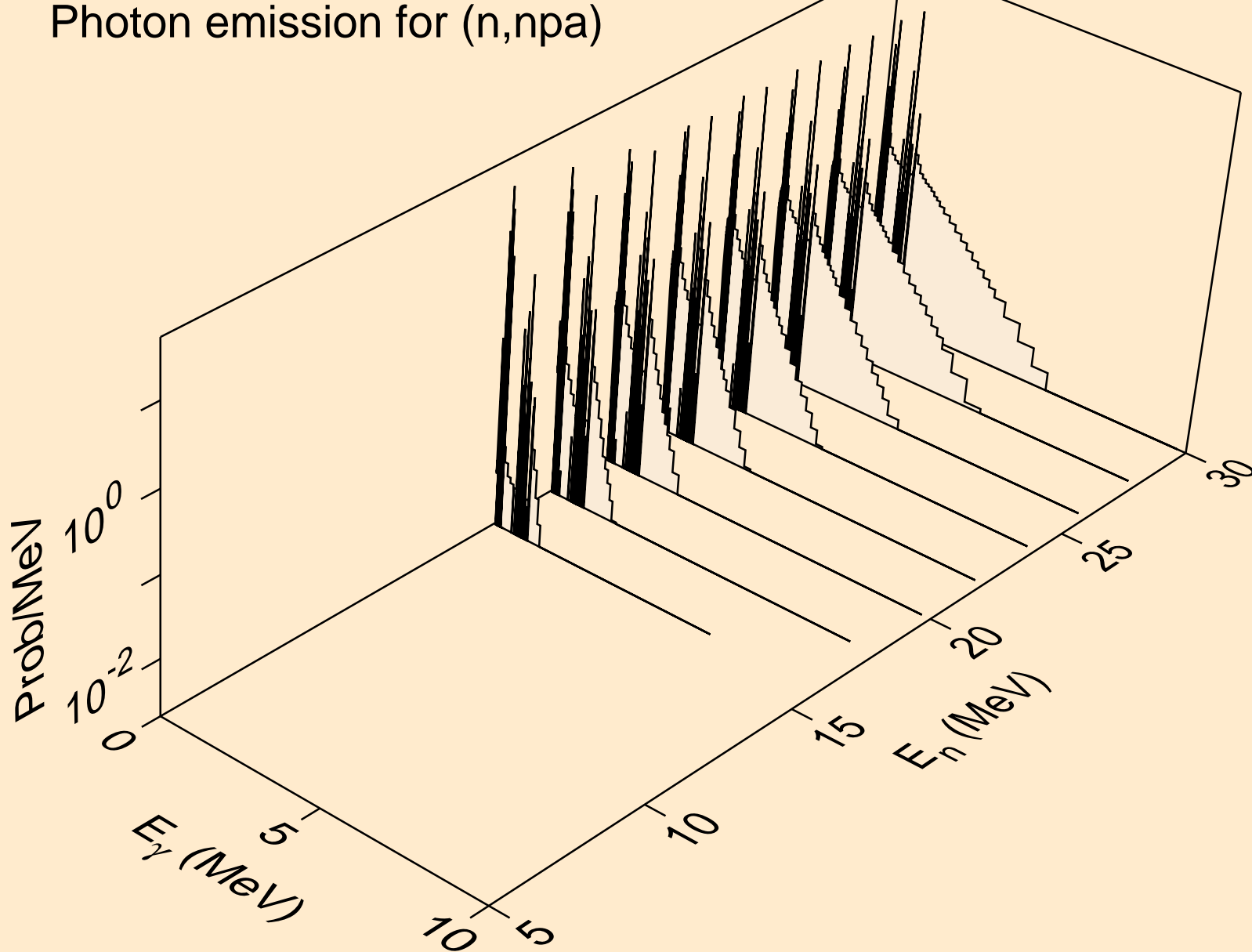
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



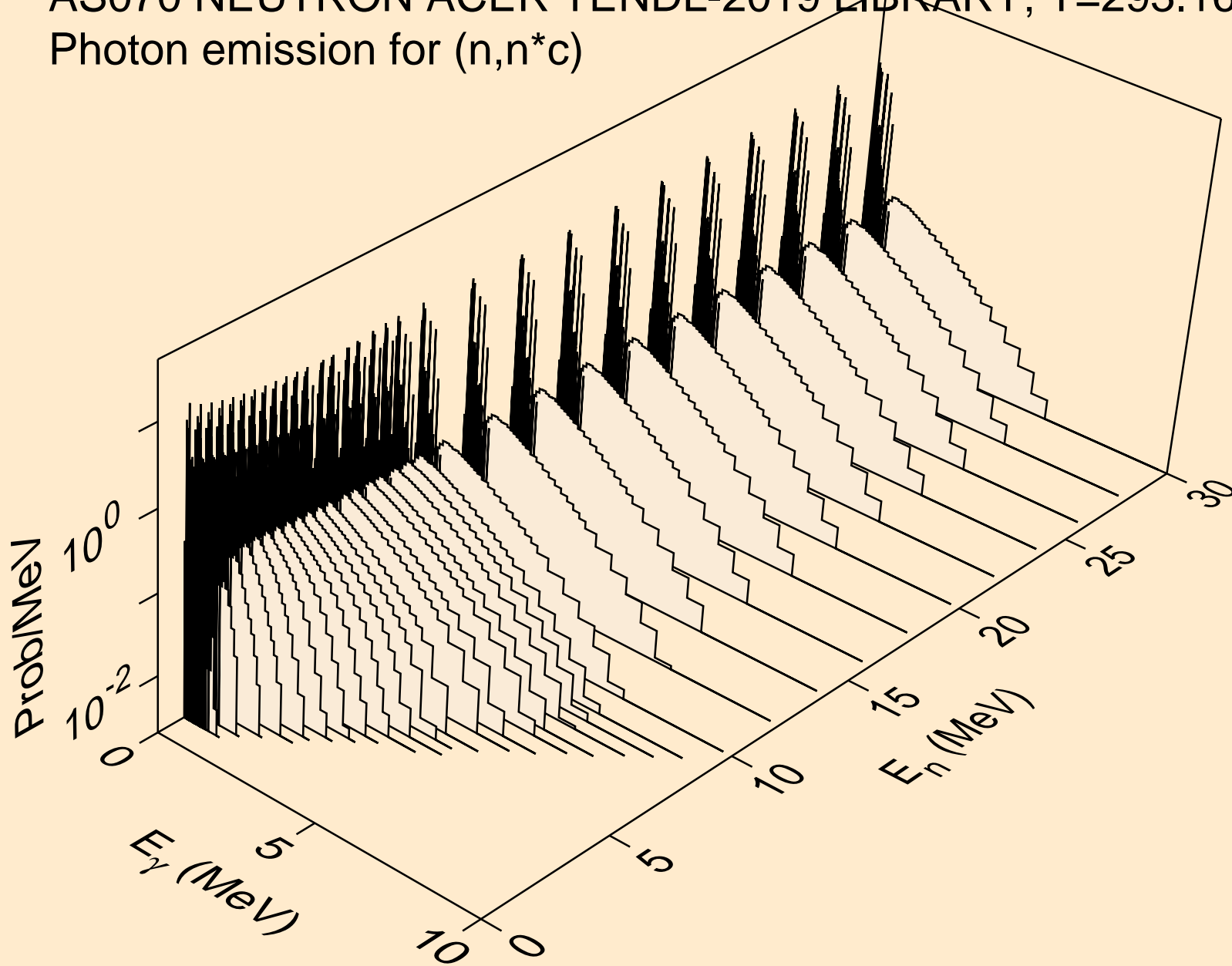
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



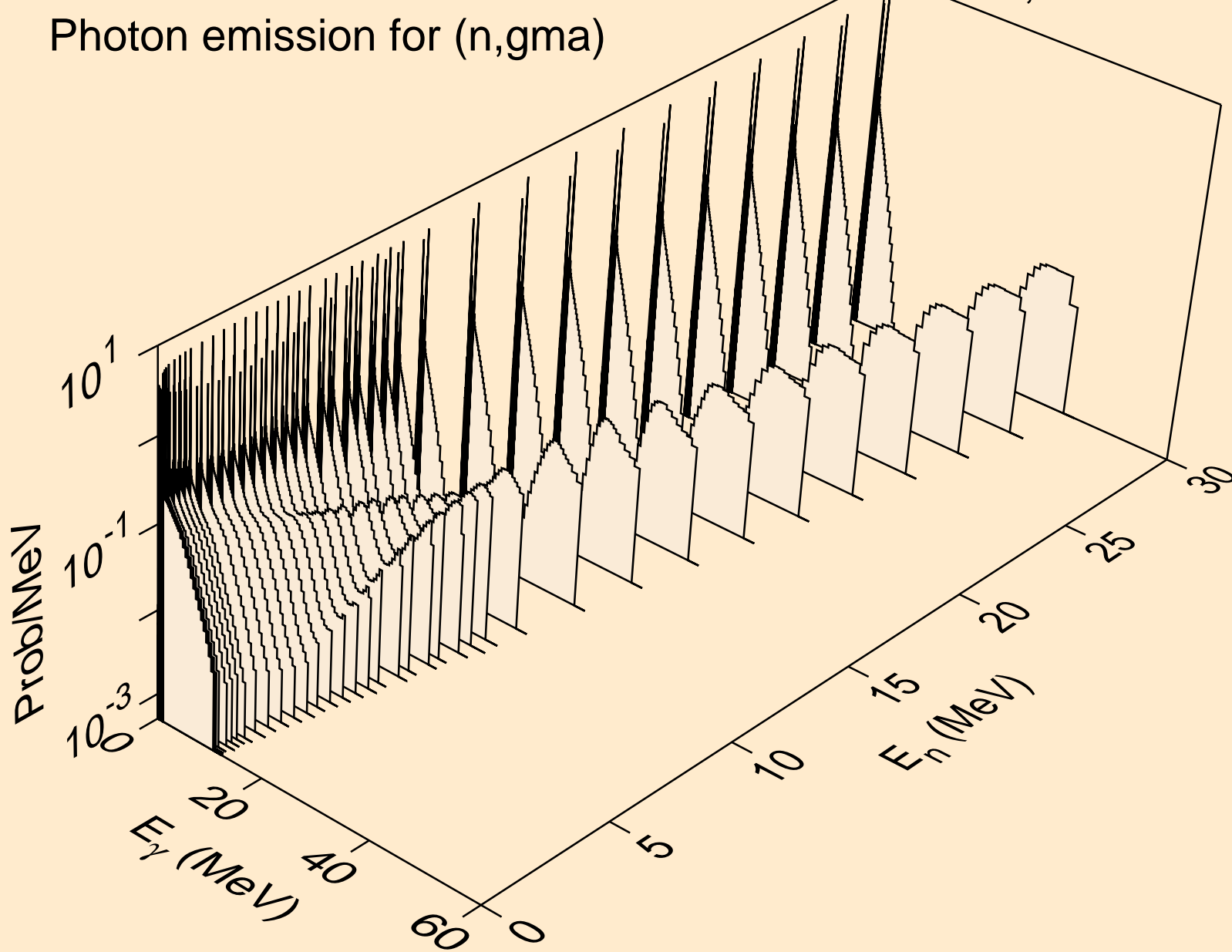
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



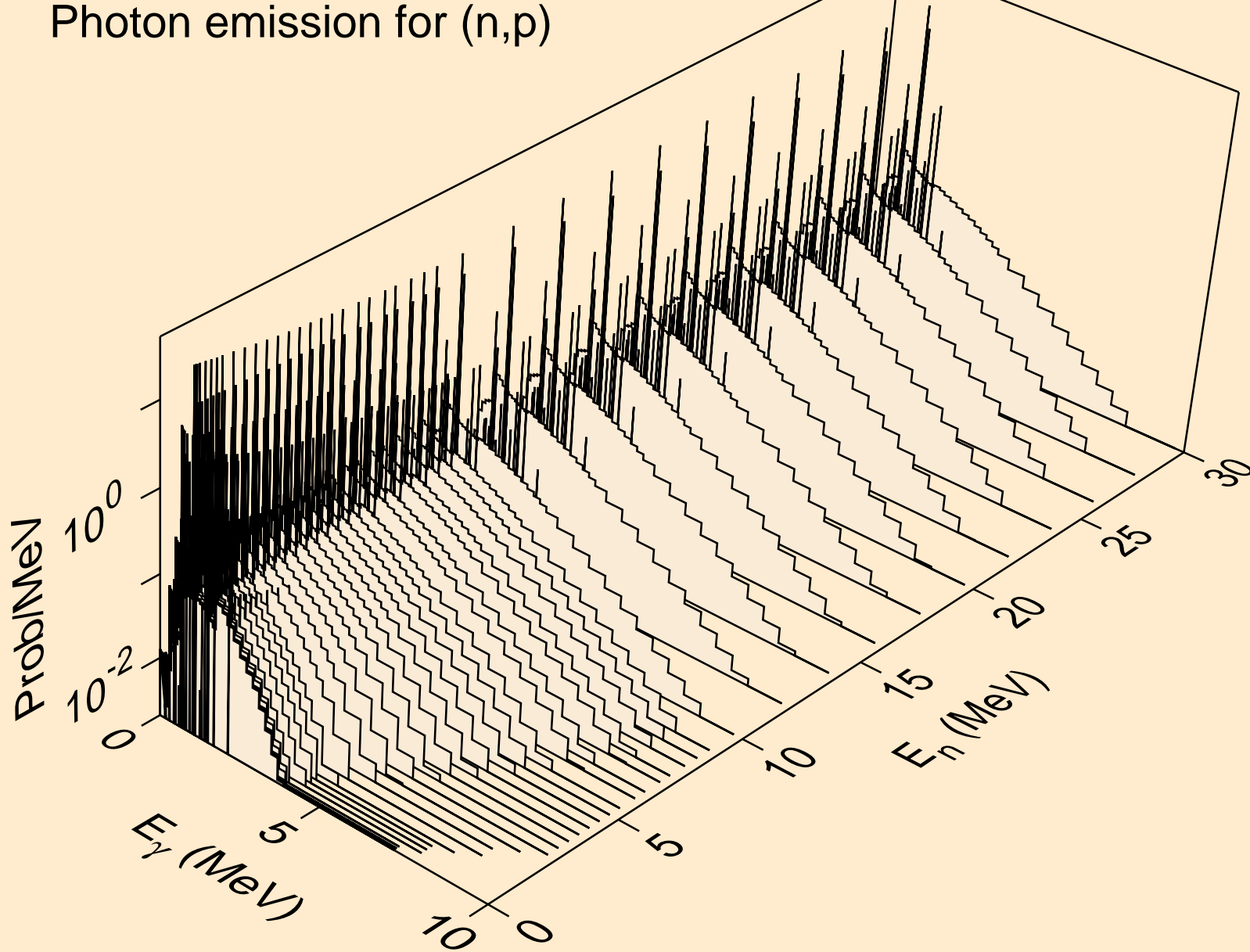
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



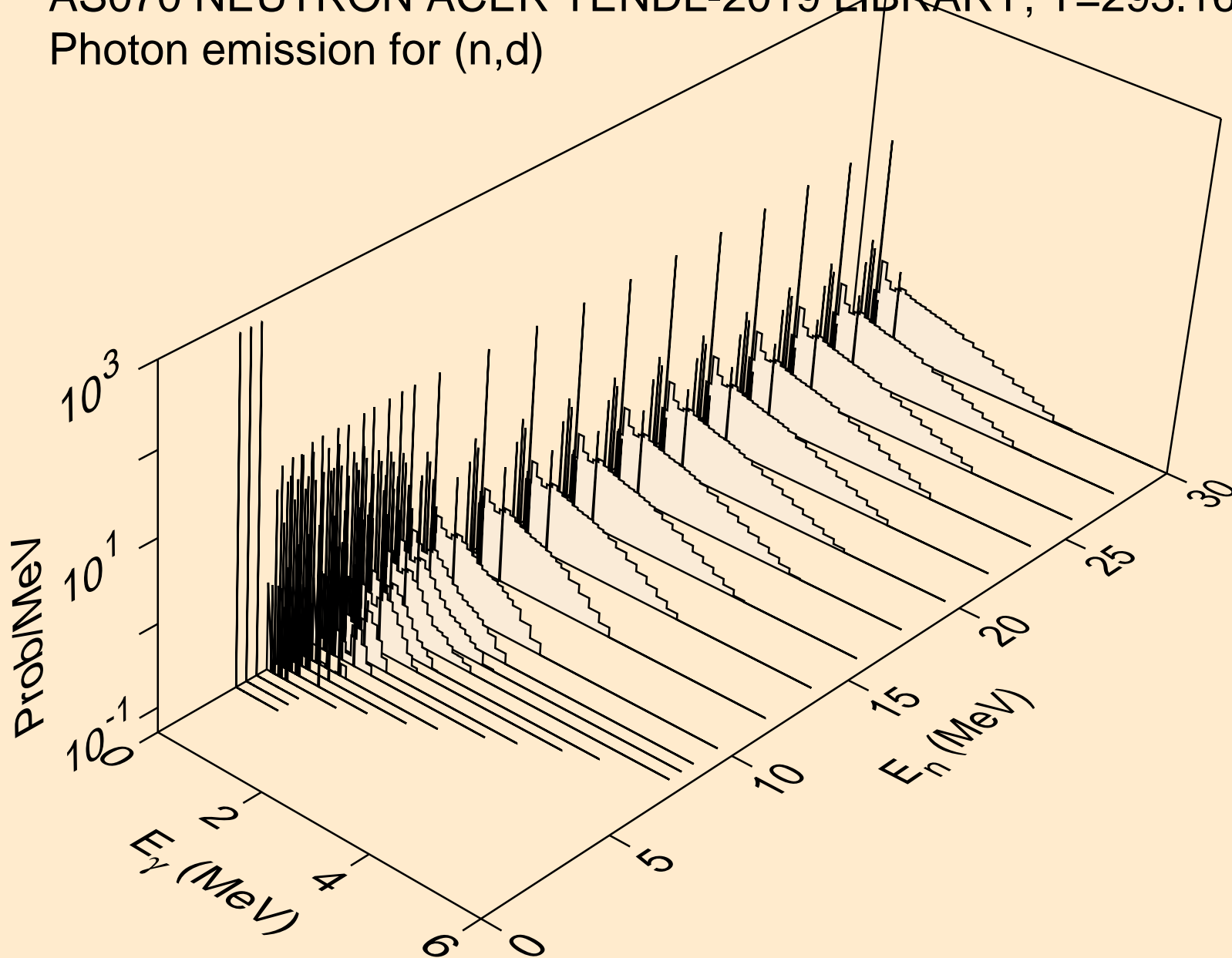
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

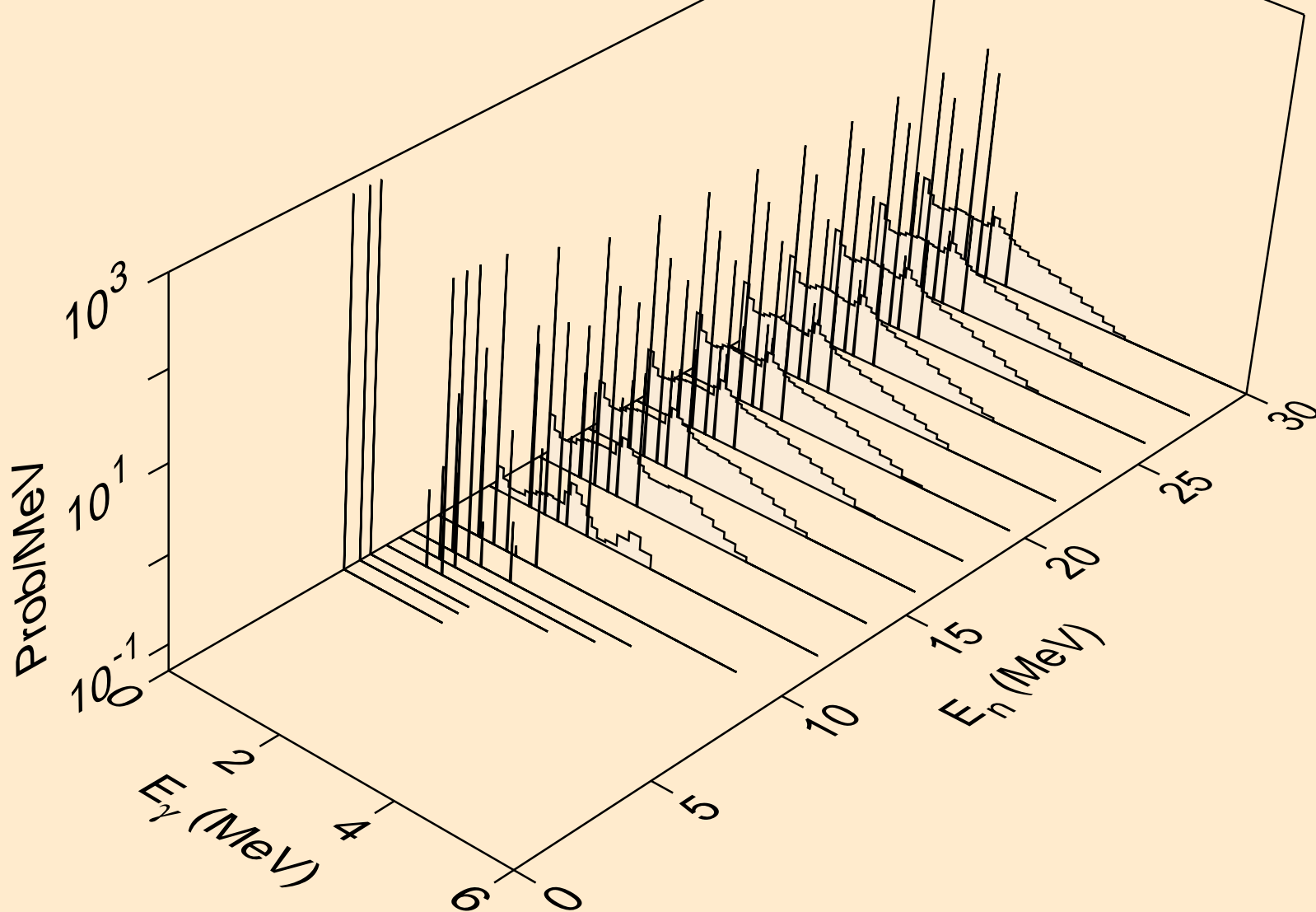


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

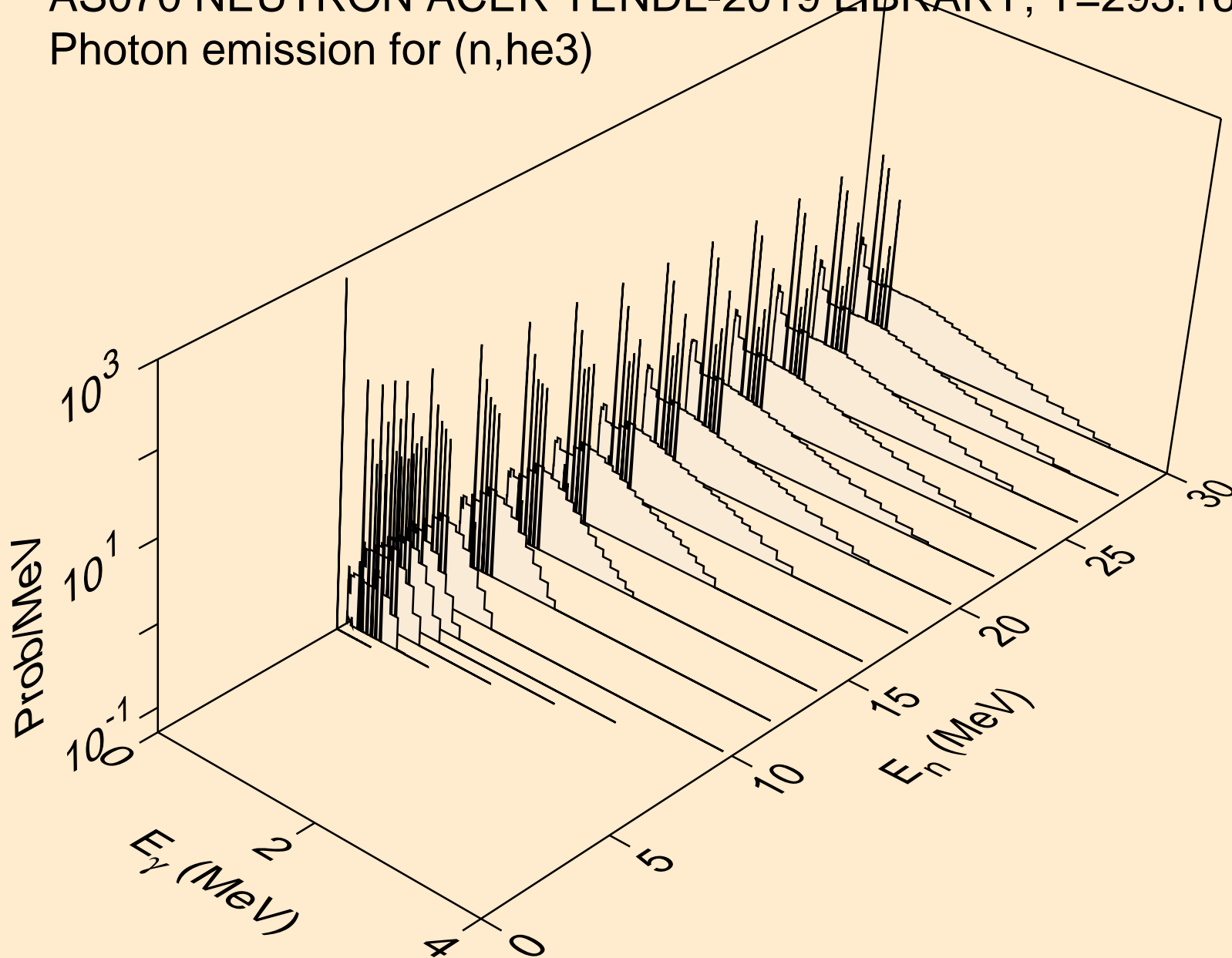




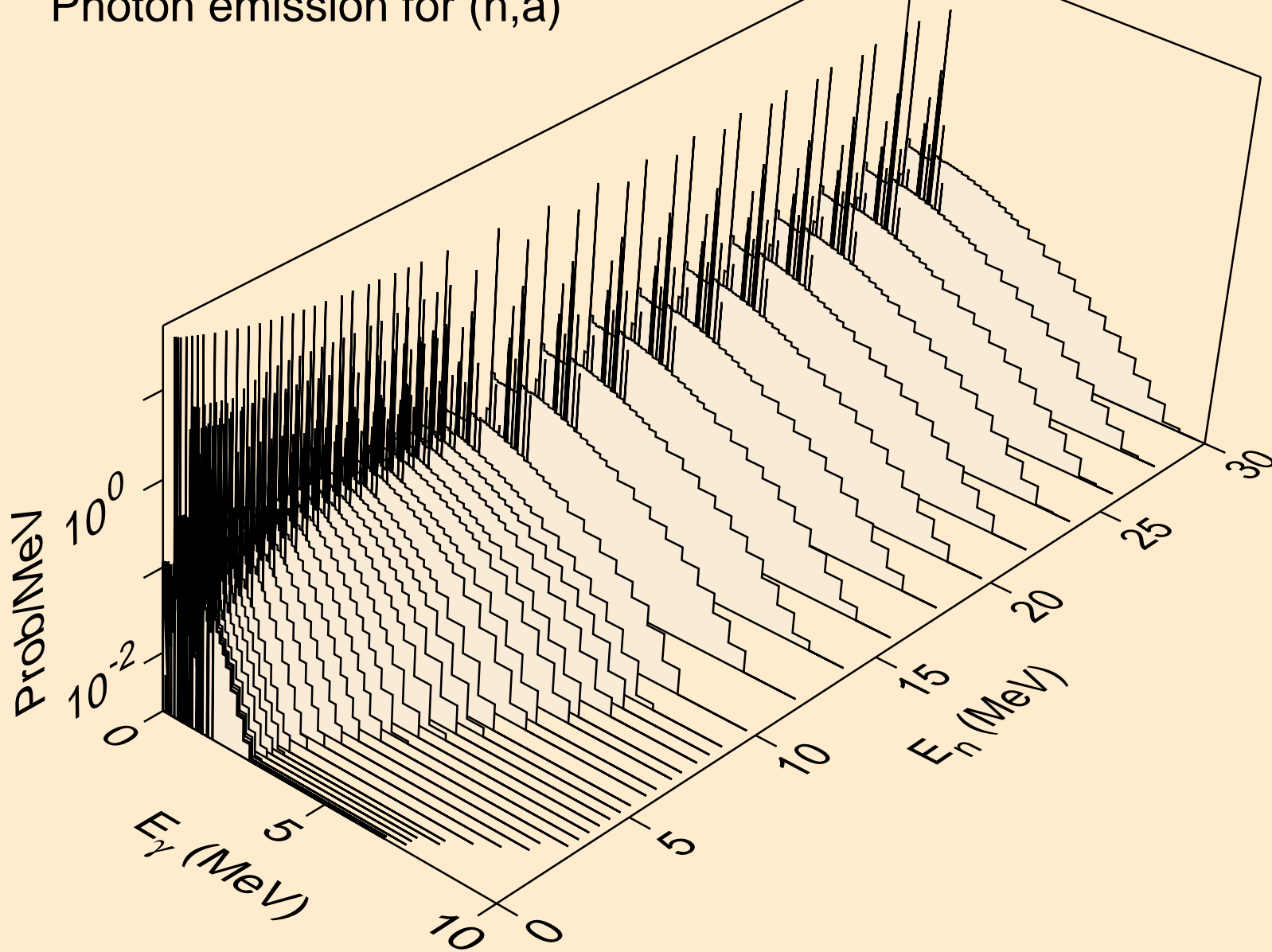
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



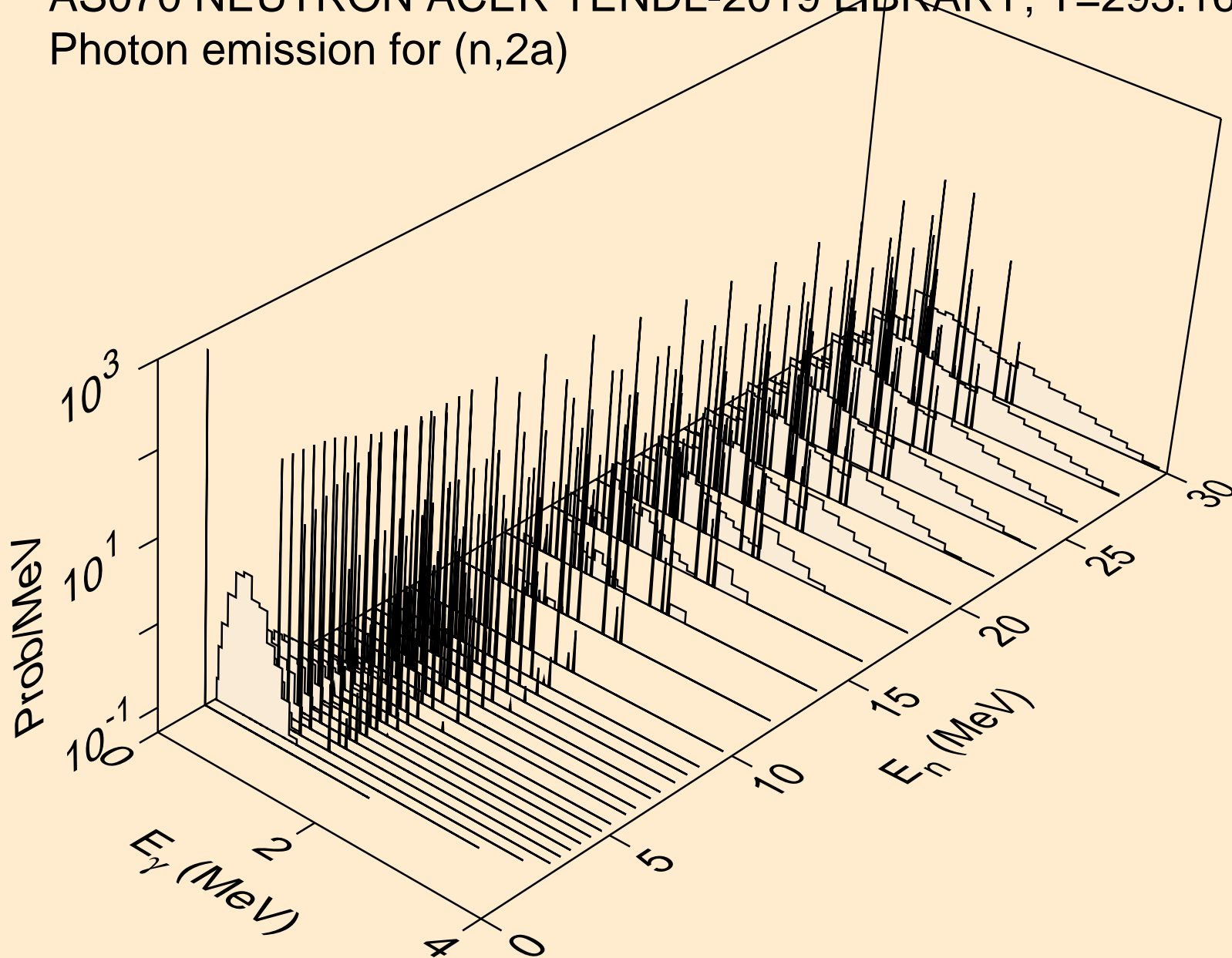
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



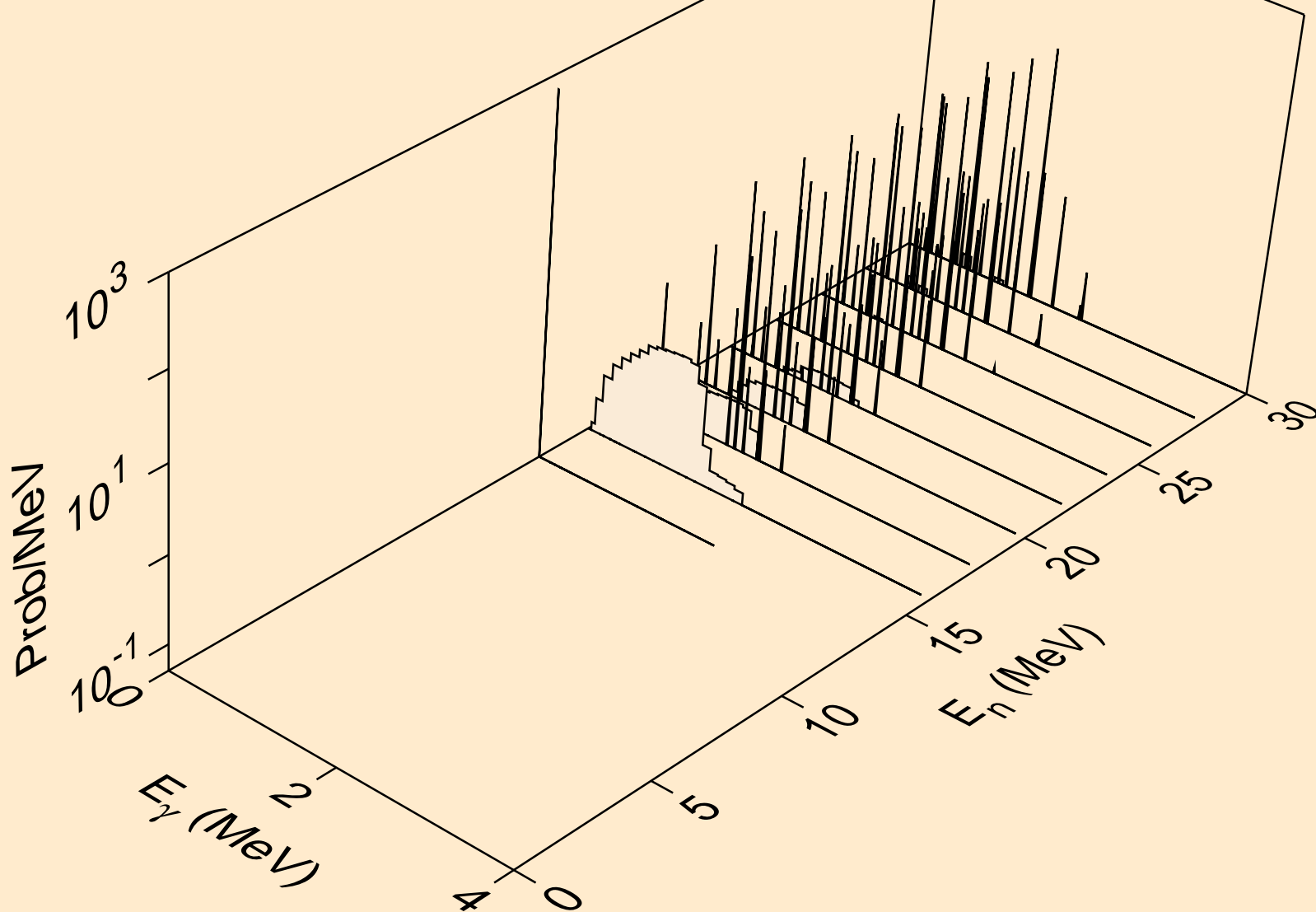
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



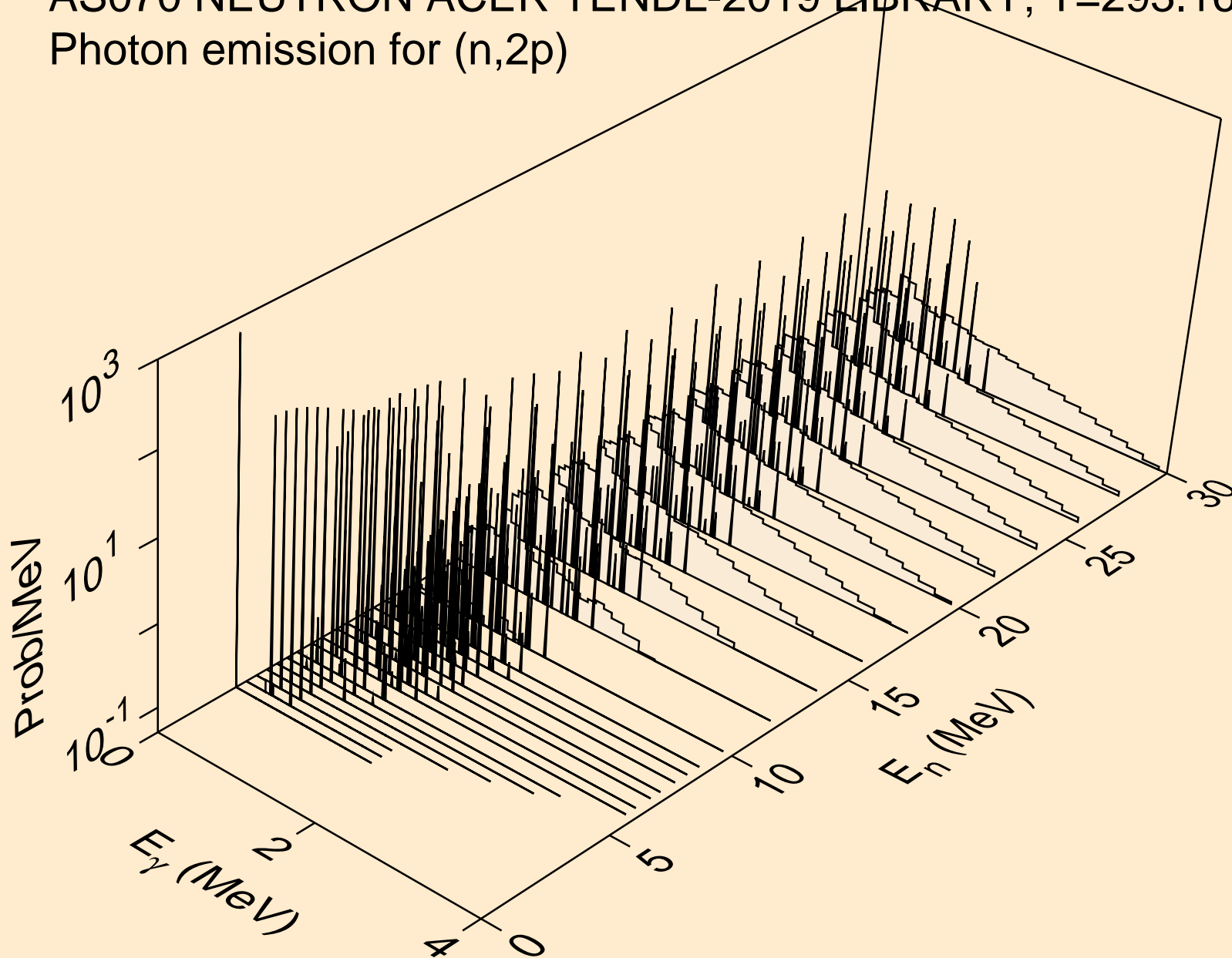
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



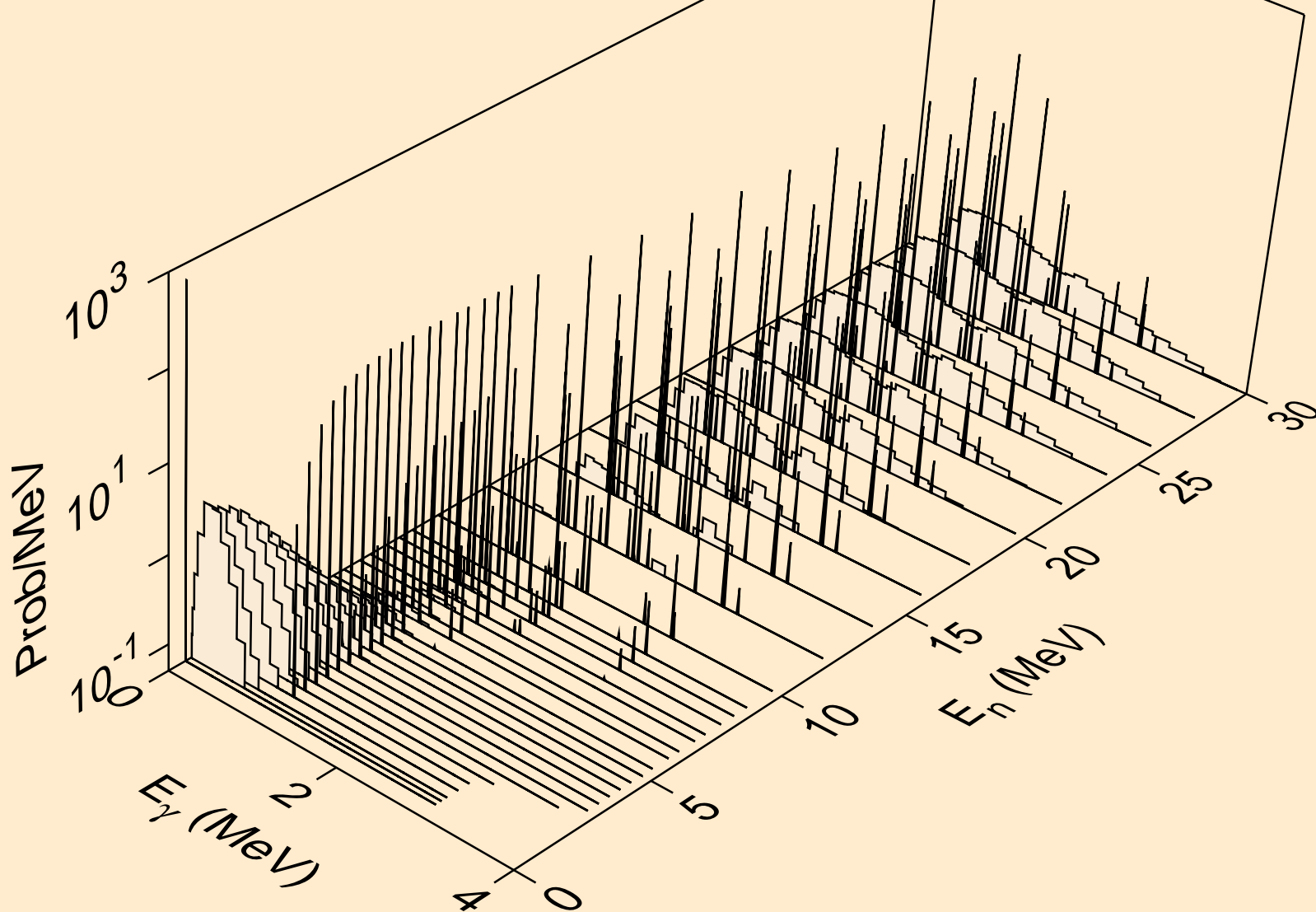
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



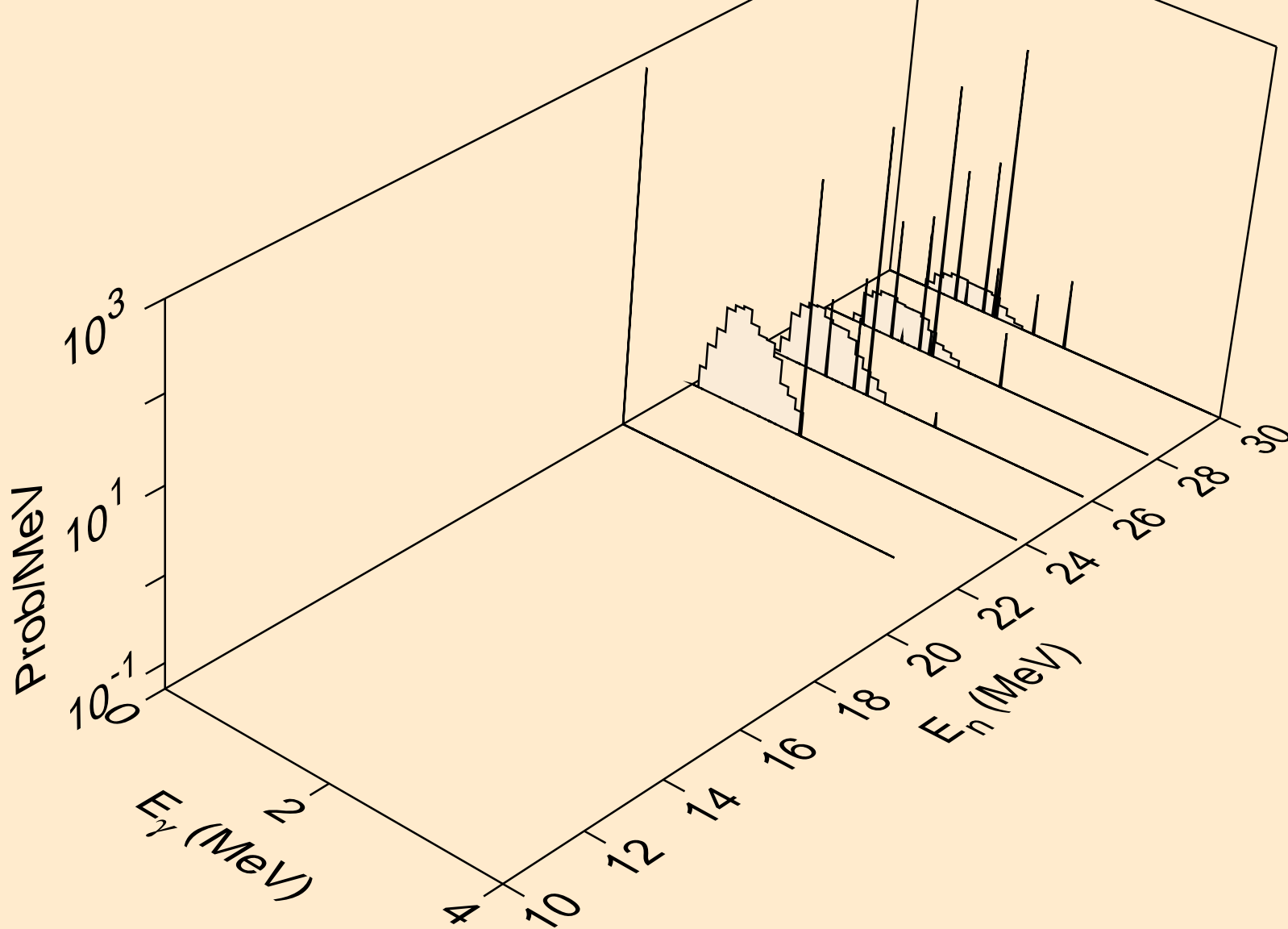
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

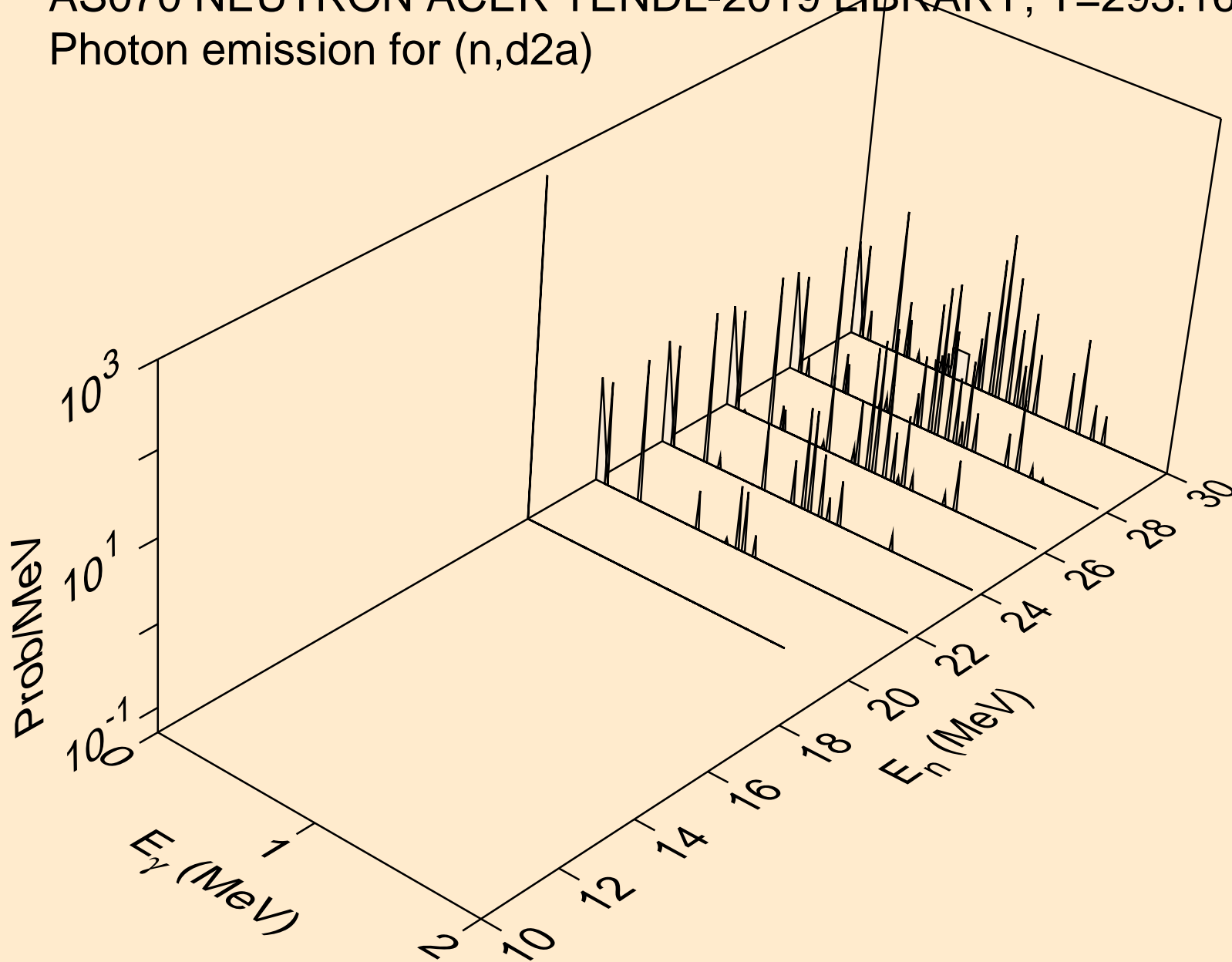


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t2a)

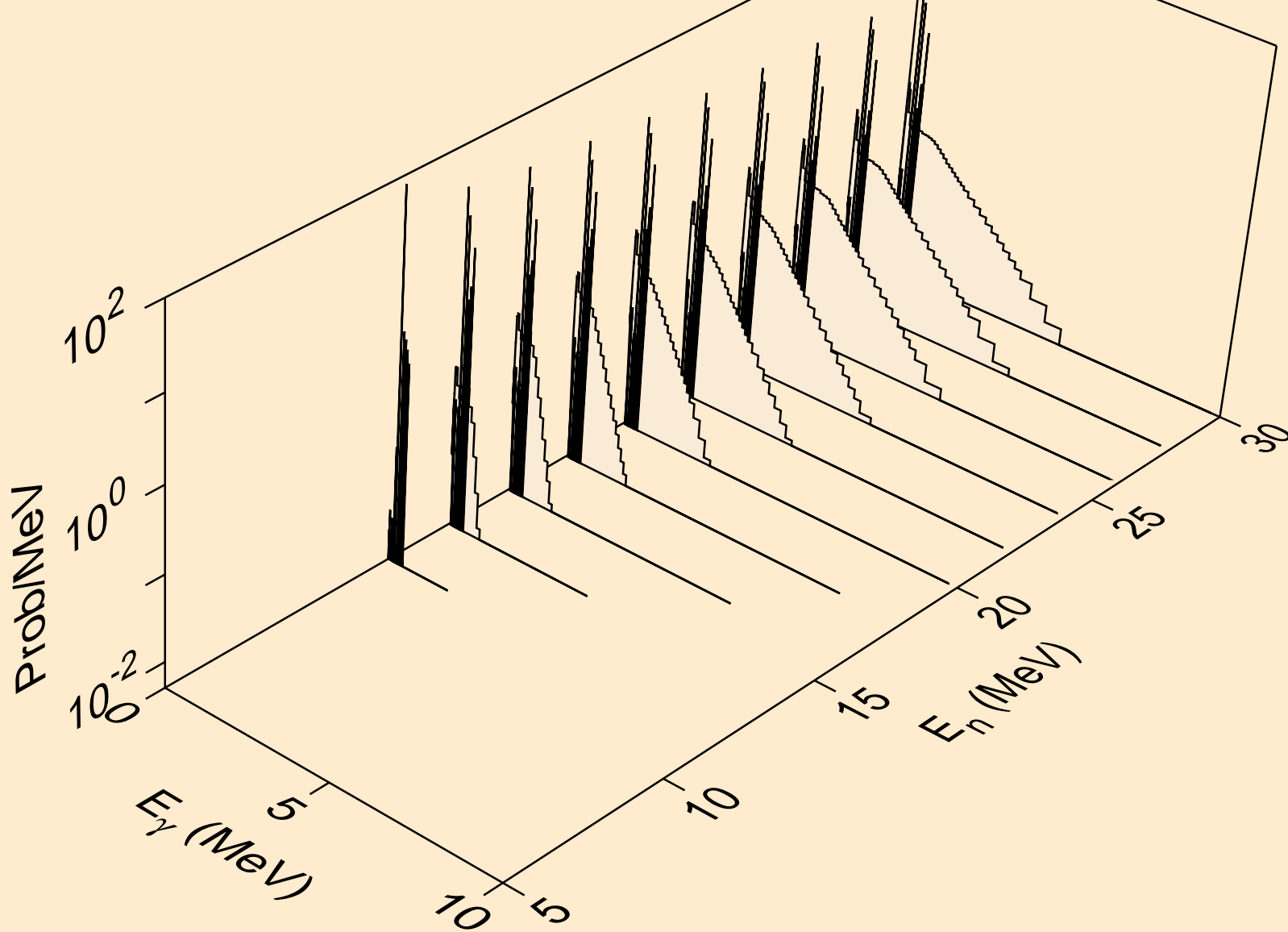




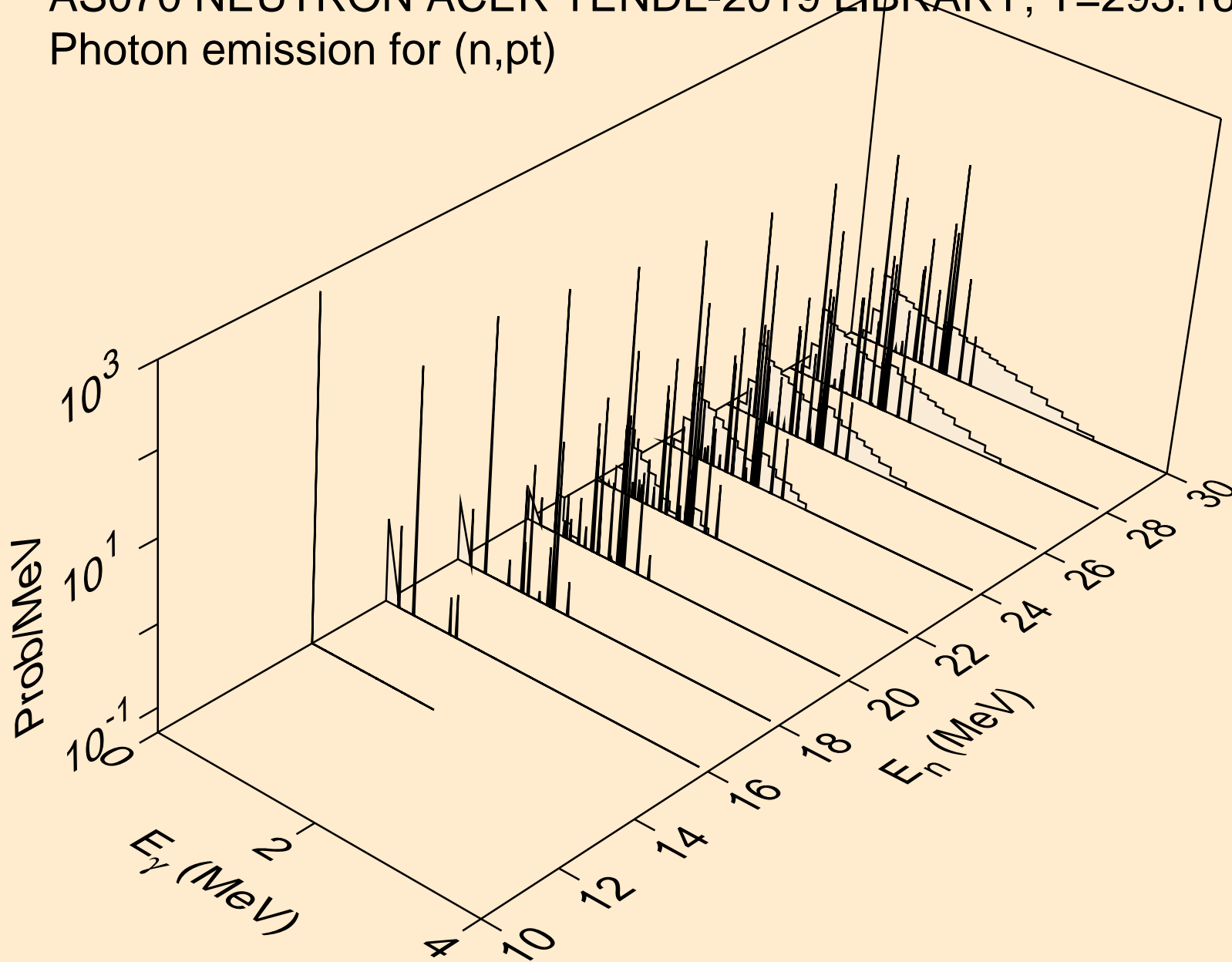
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)



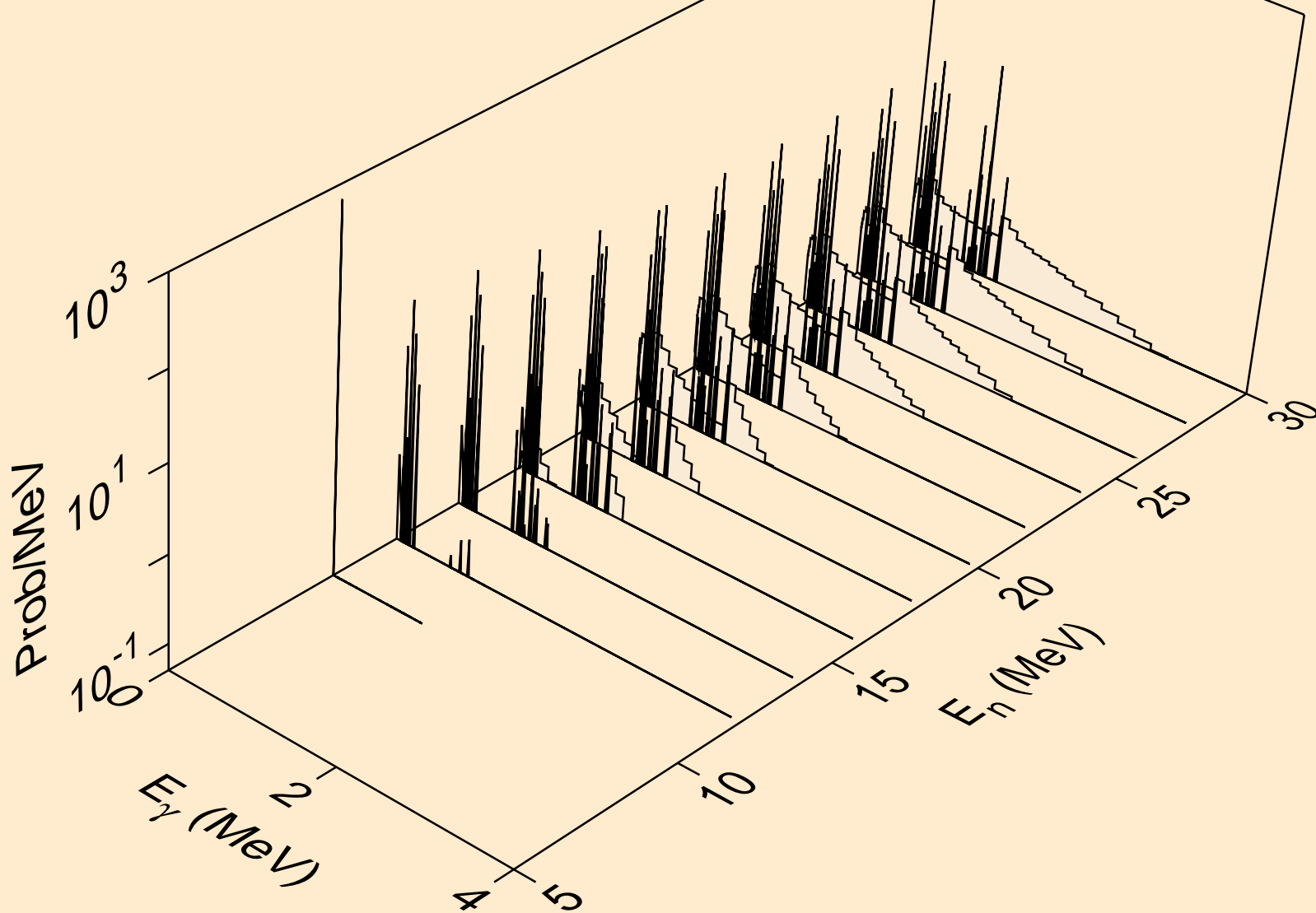
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



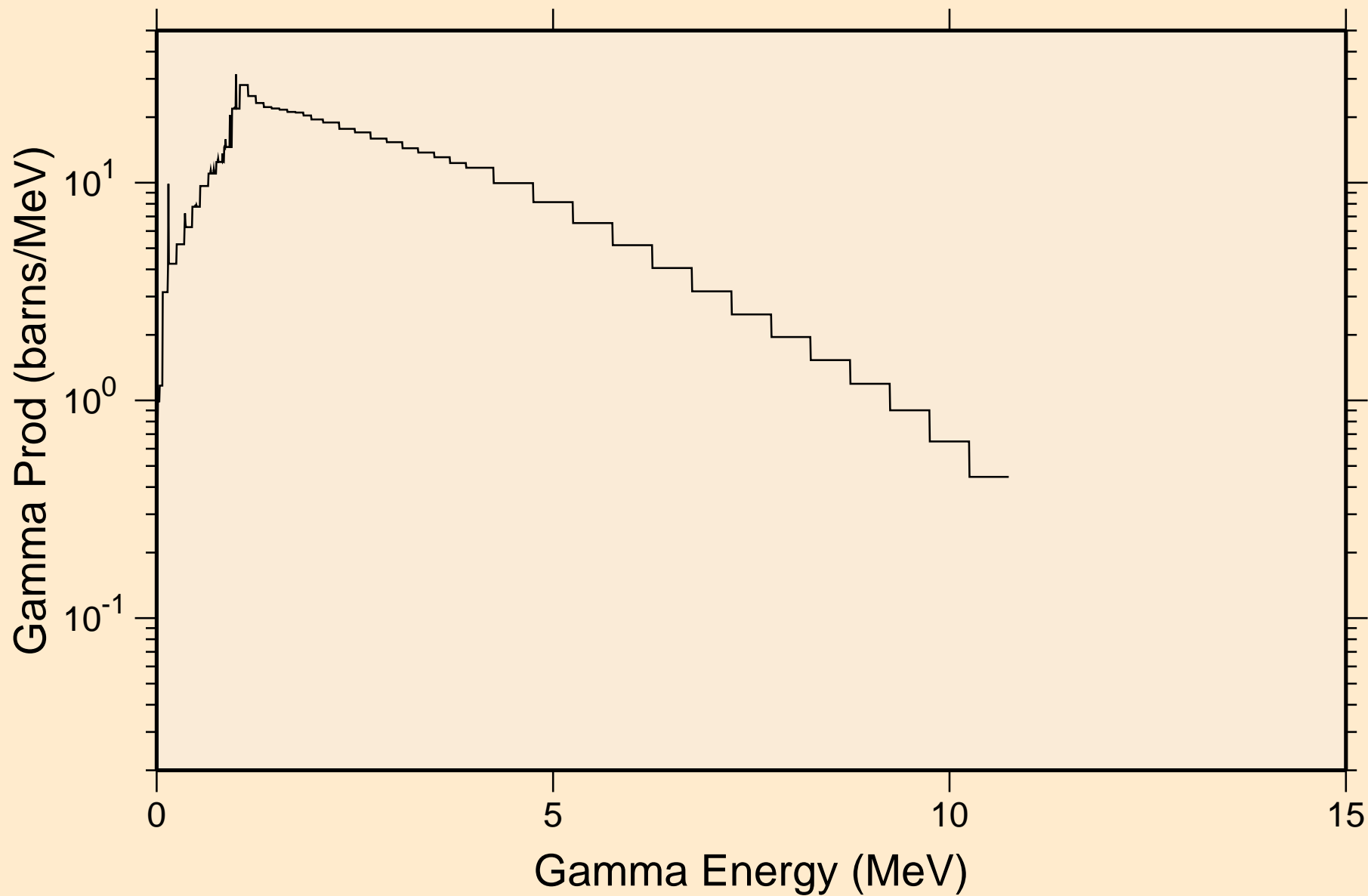
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



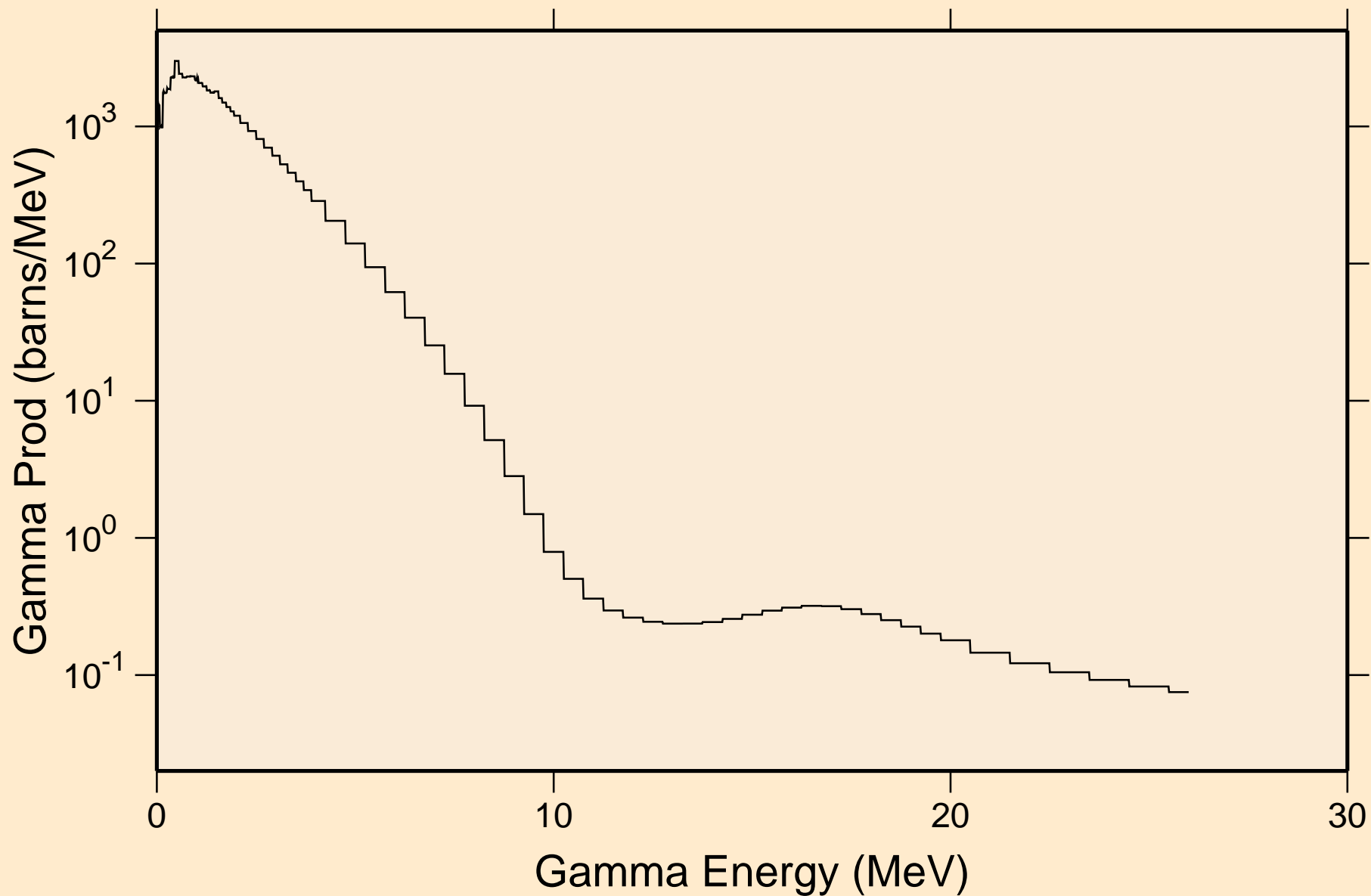
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



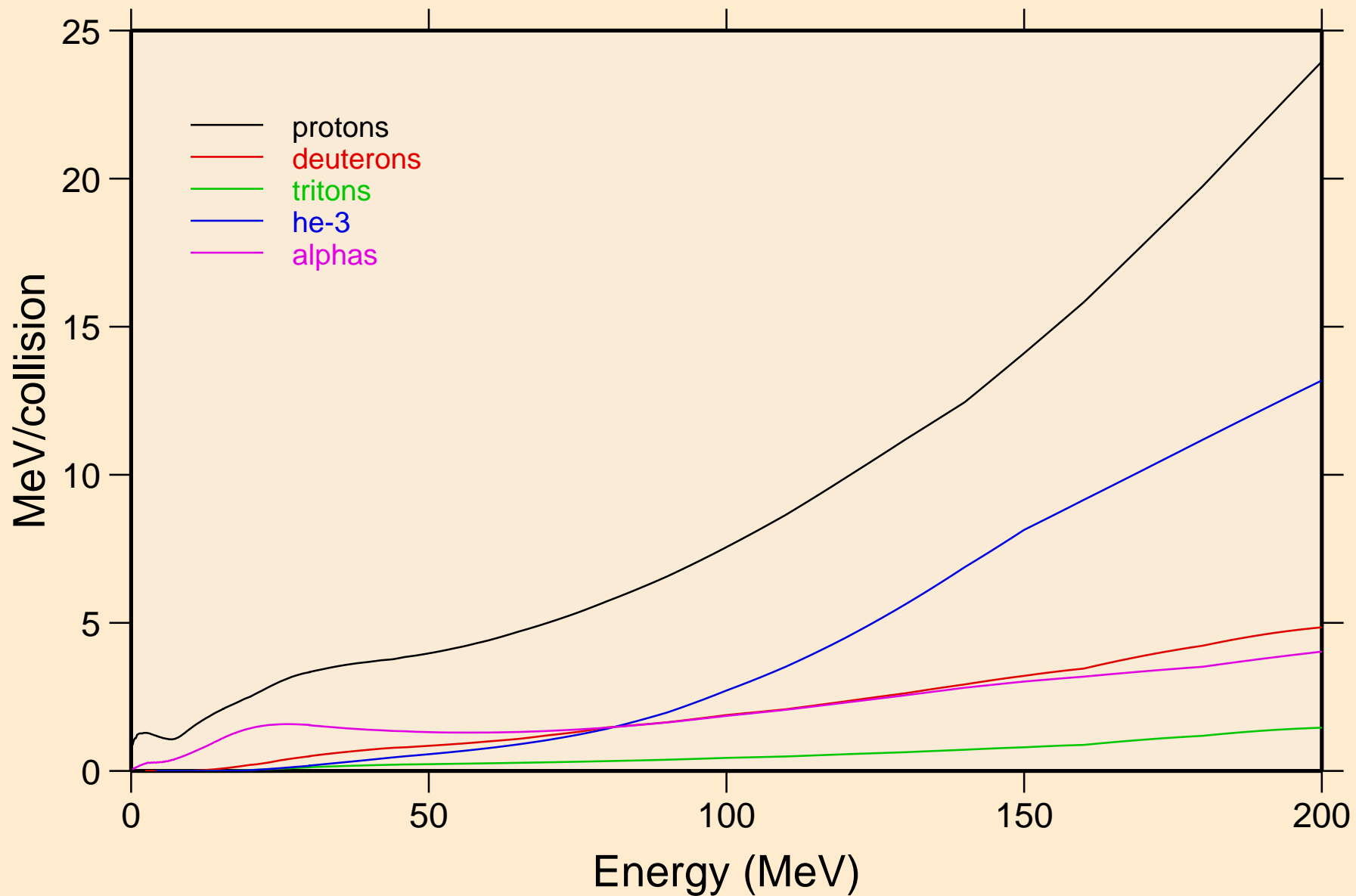
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



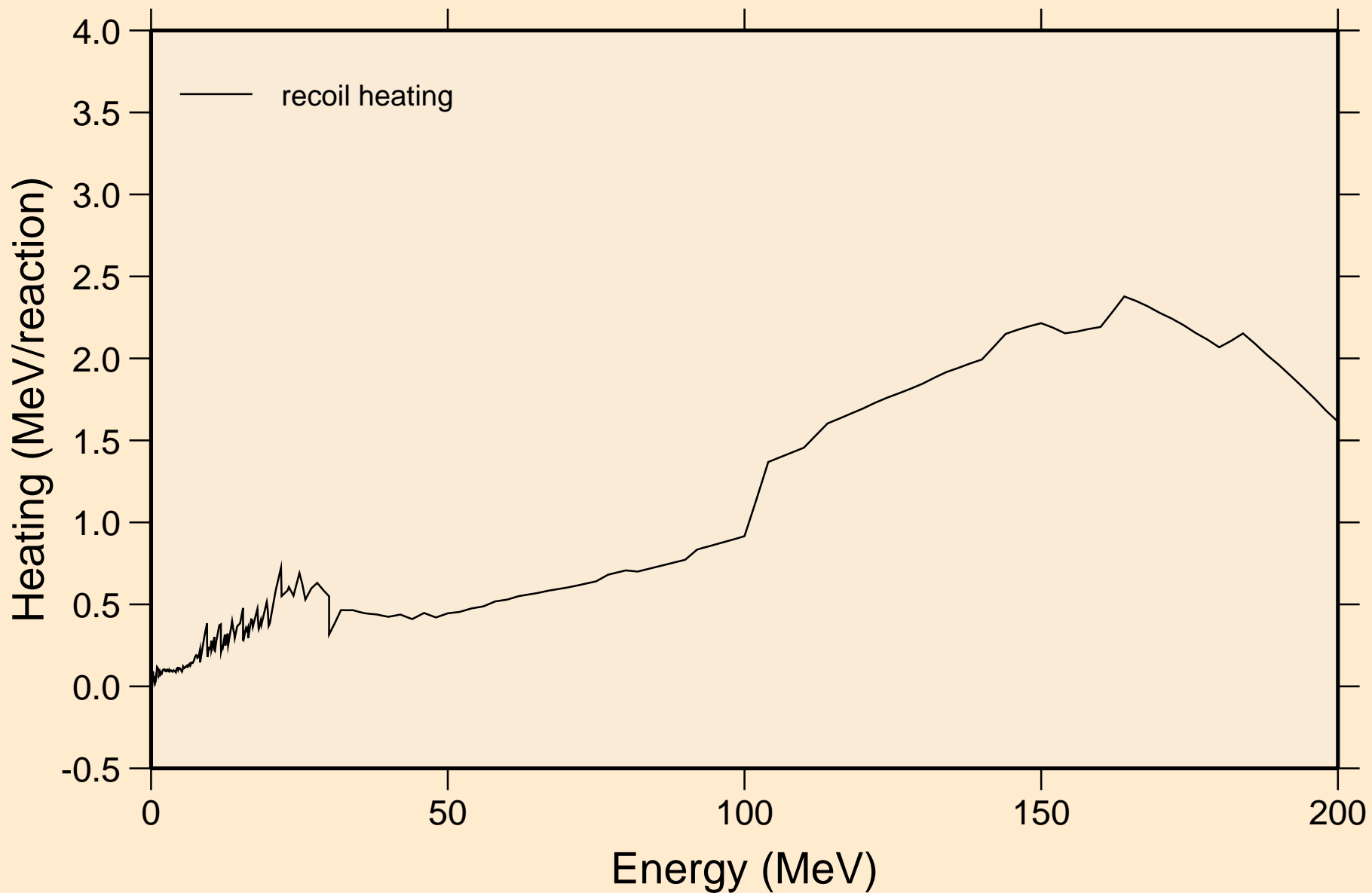
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions

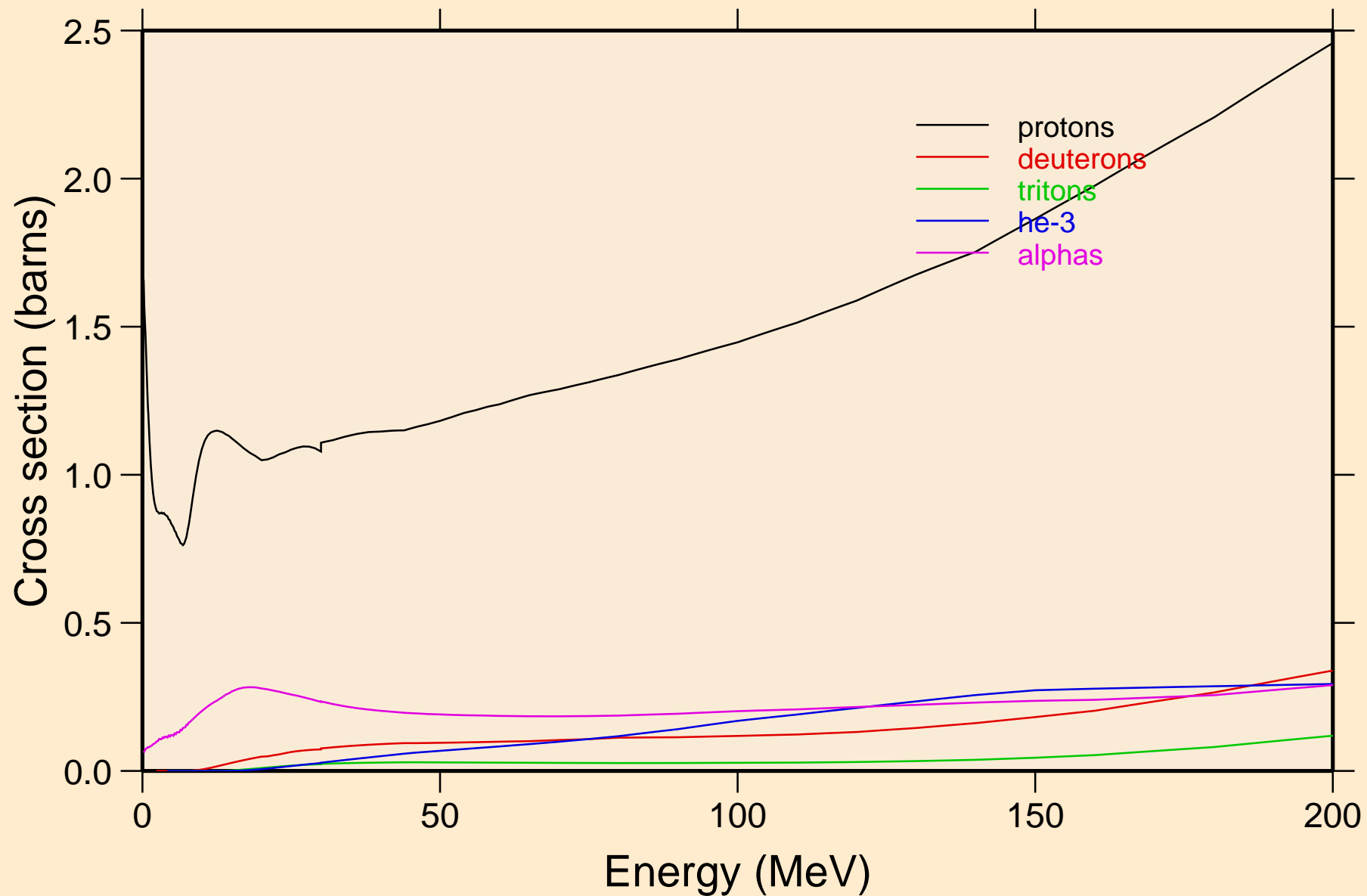


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

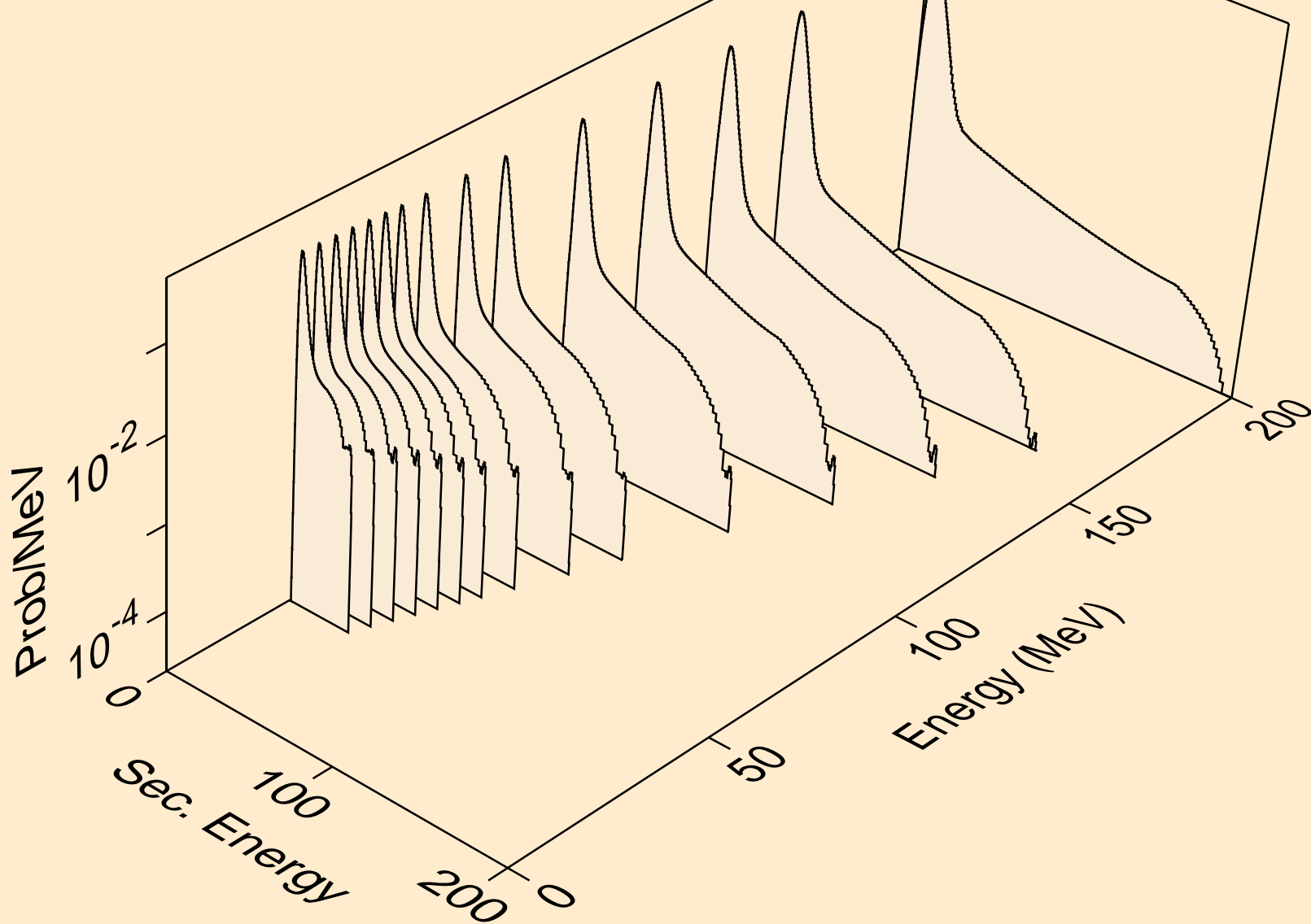




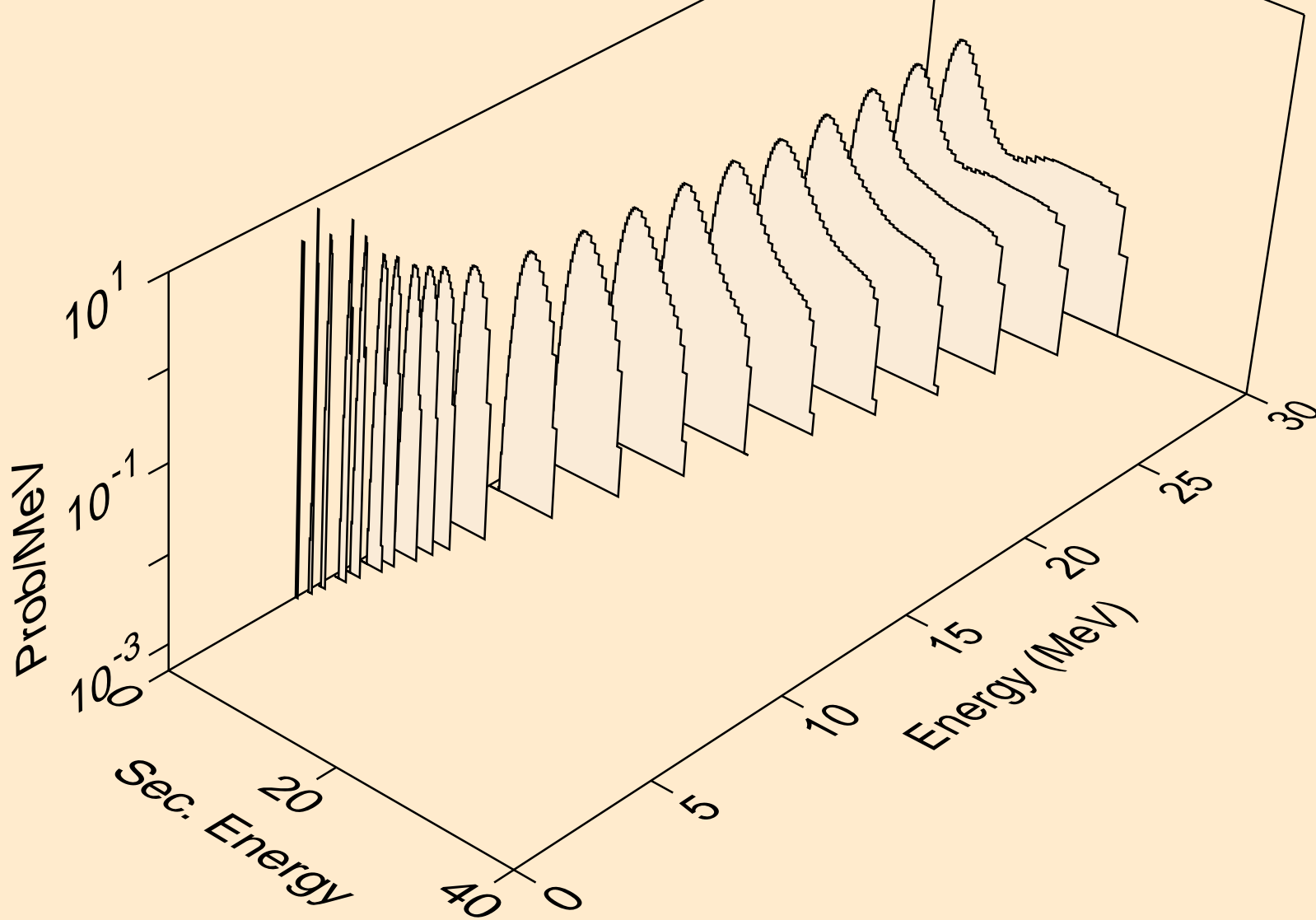
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



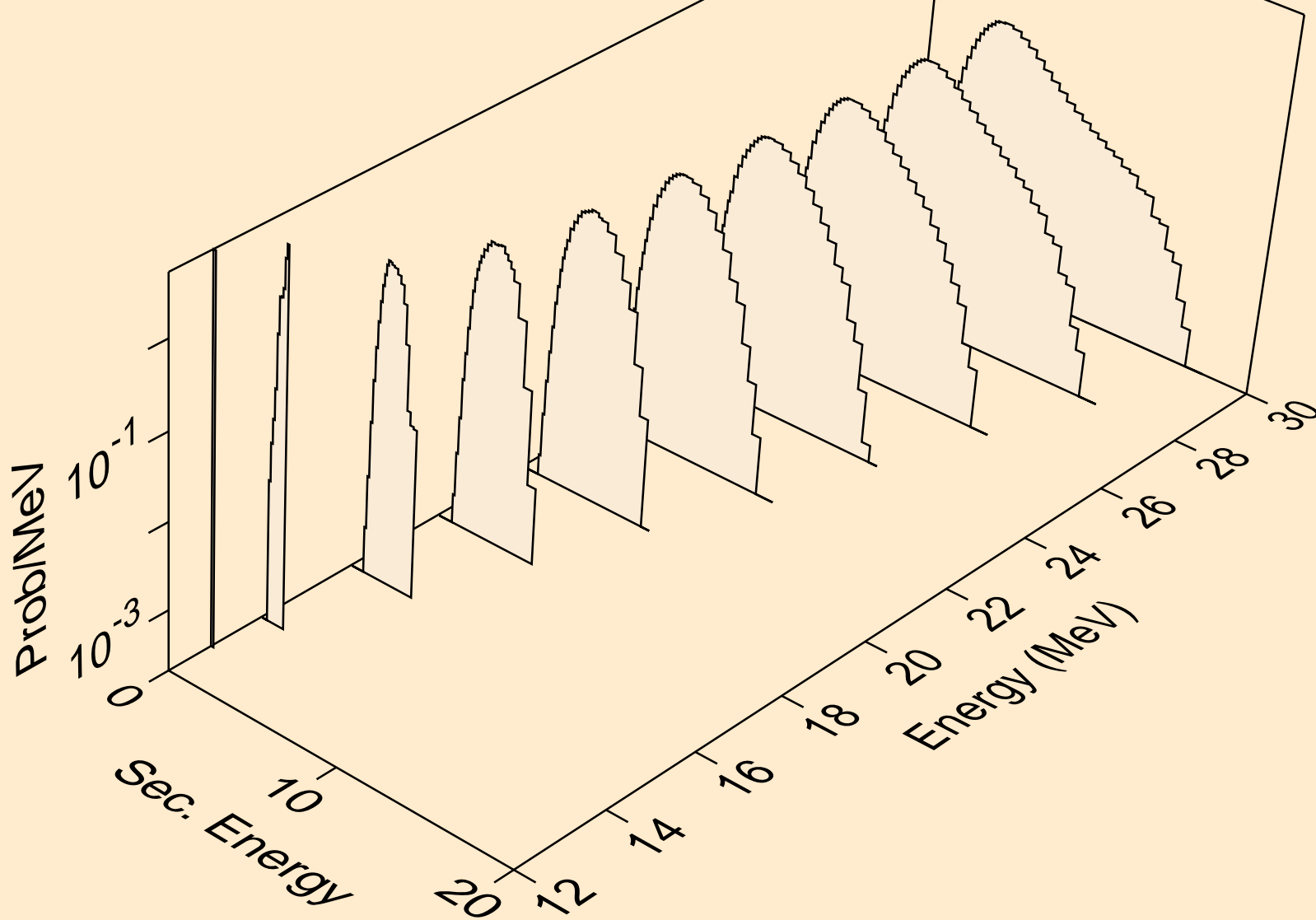
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



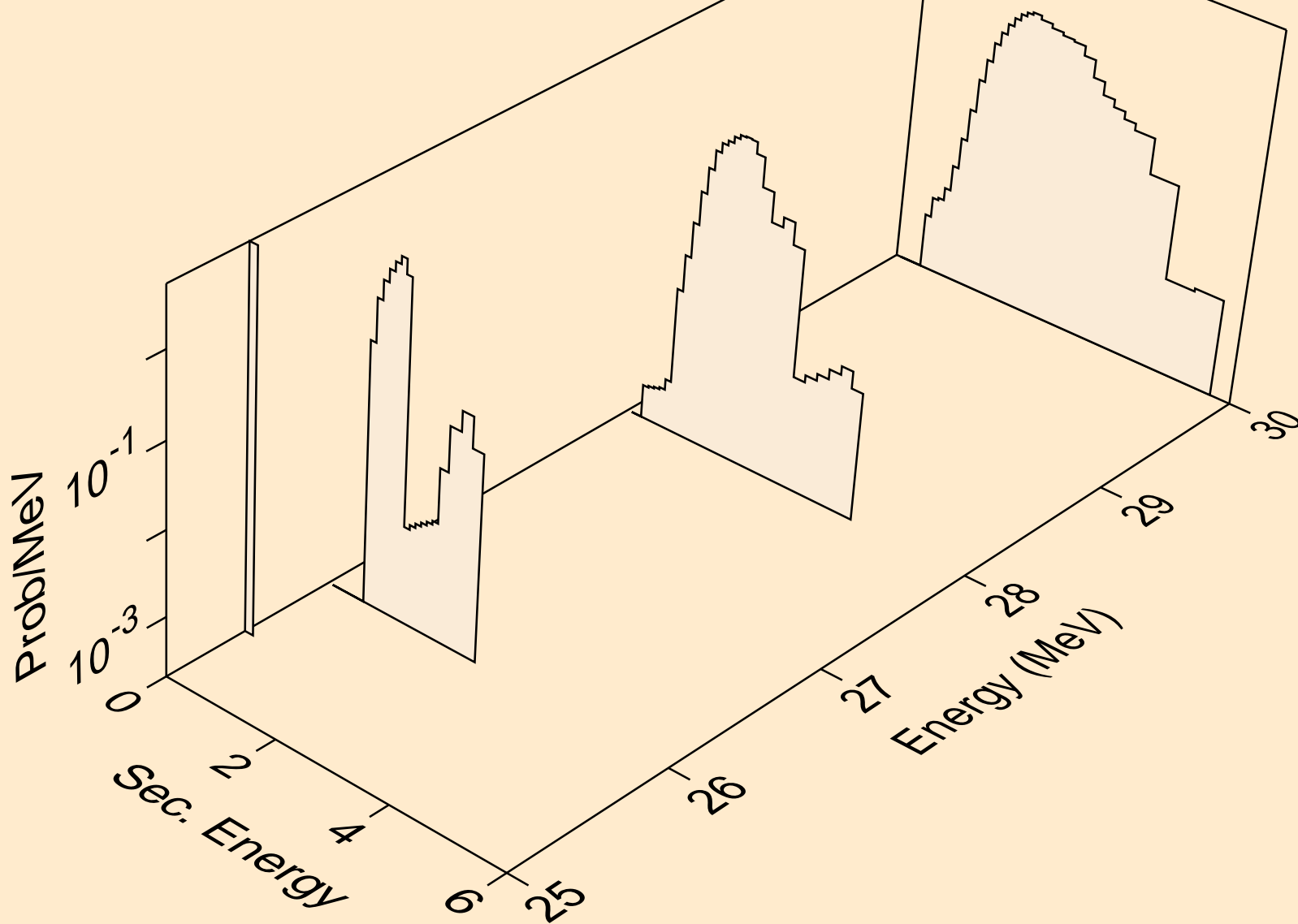
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



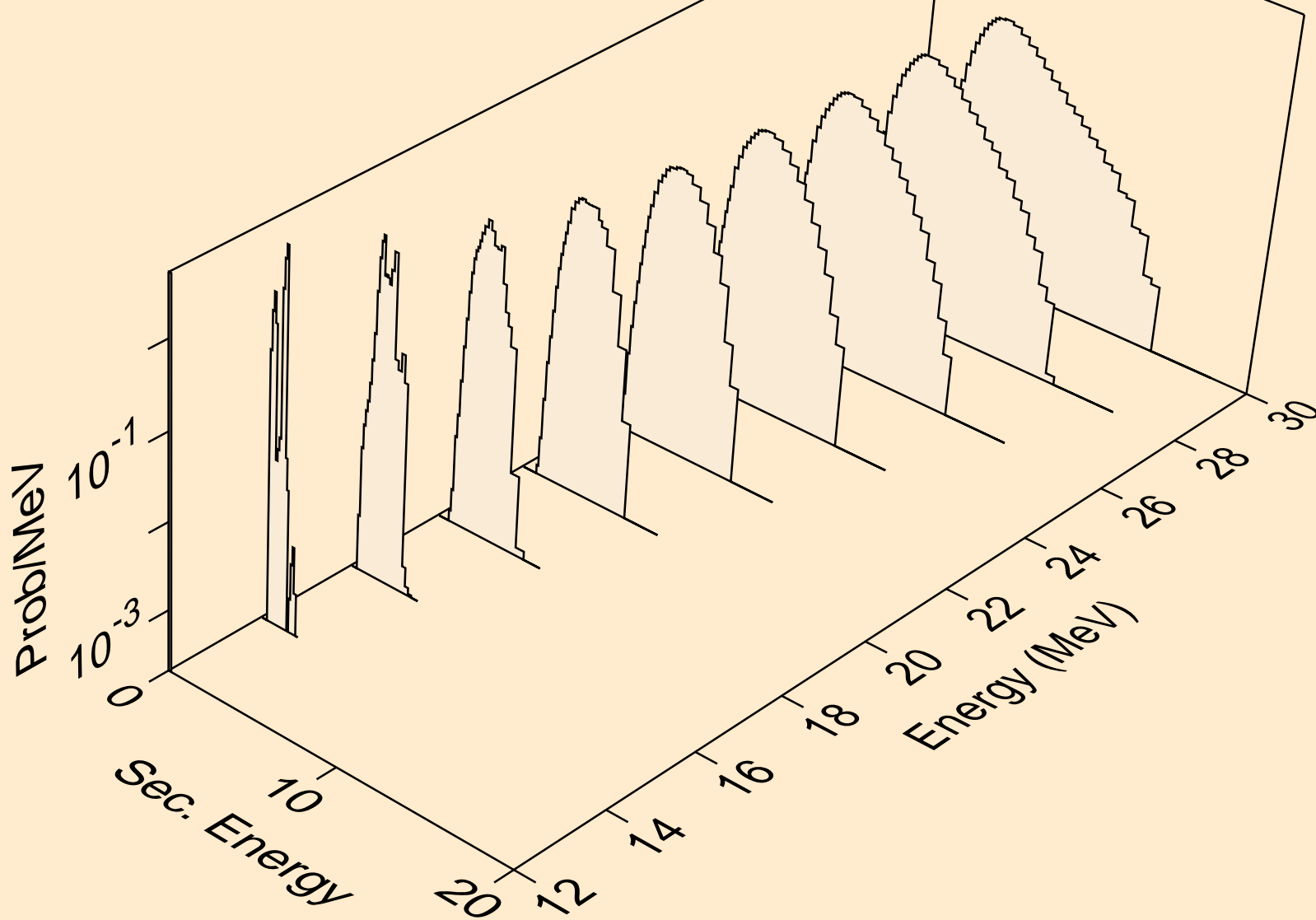
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



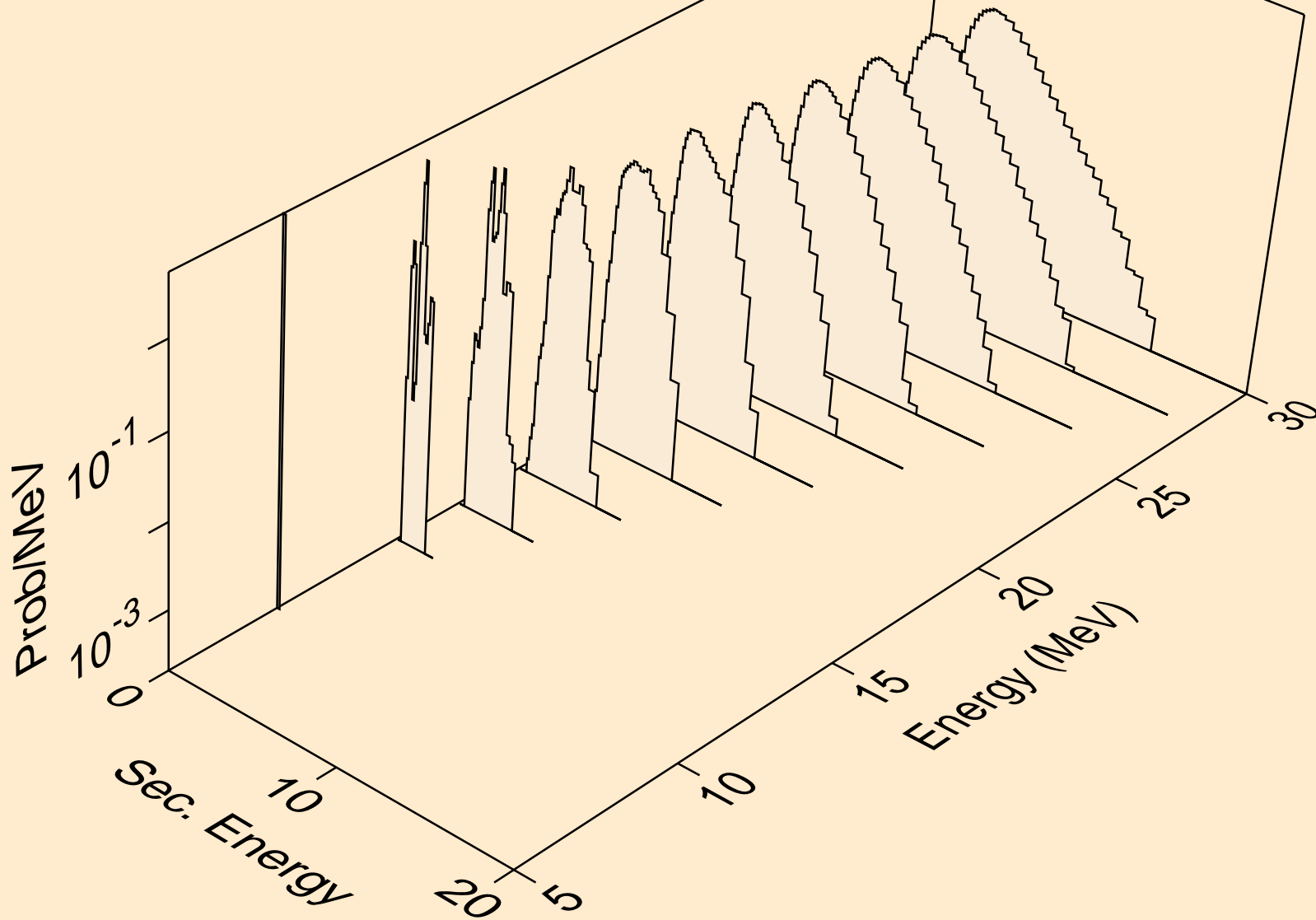
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



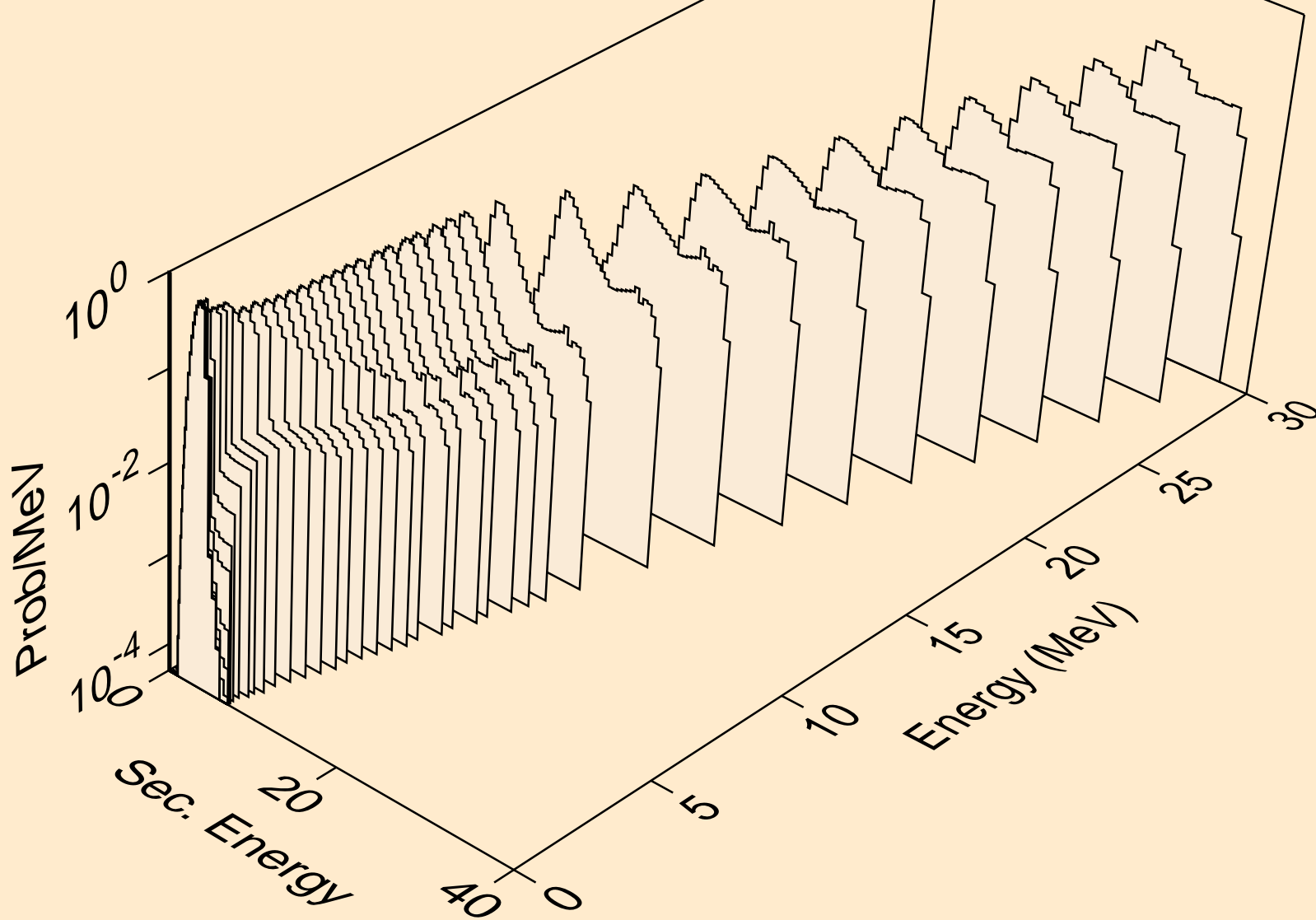
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)

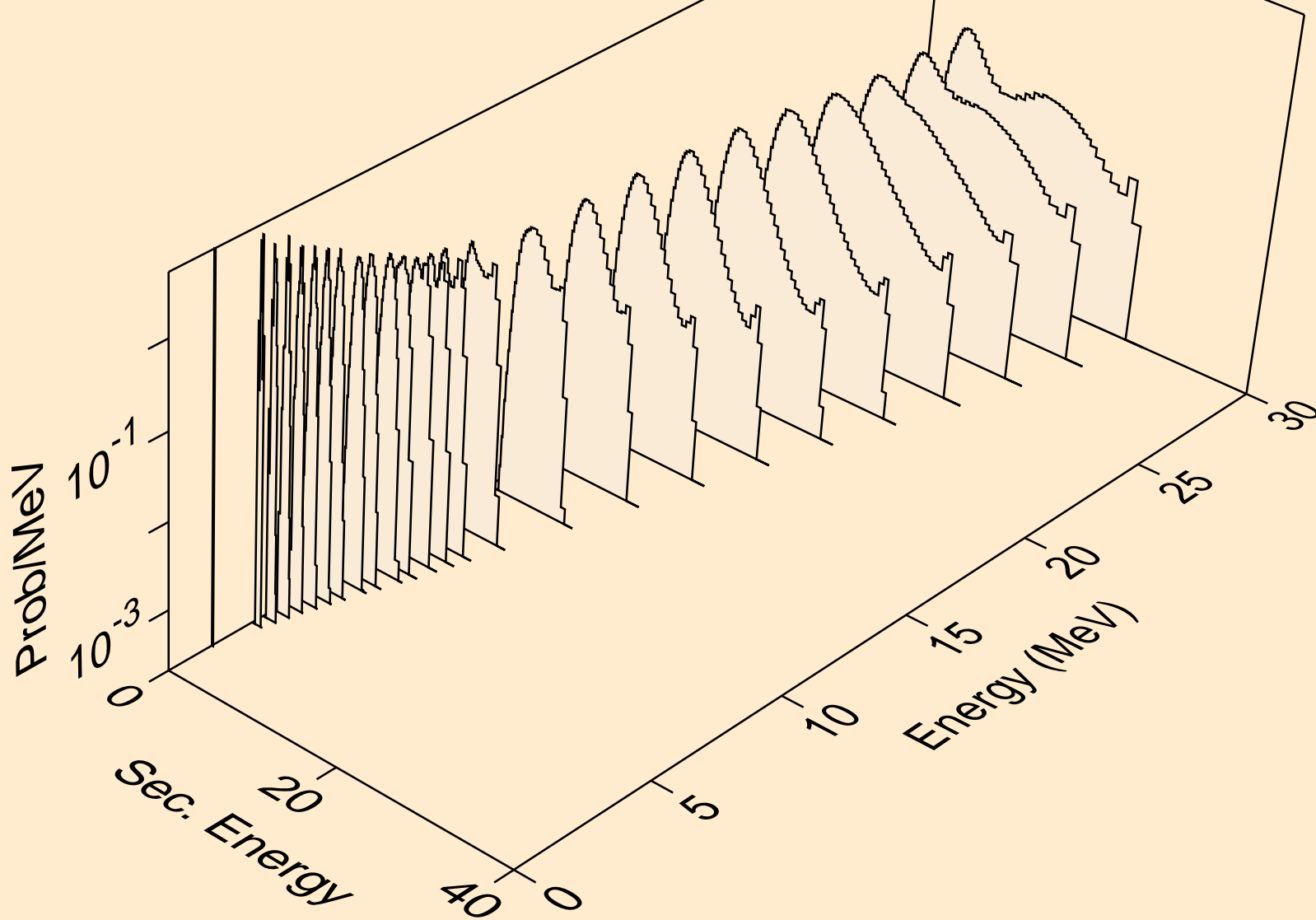


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

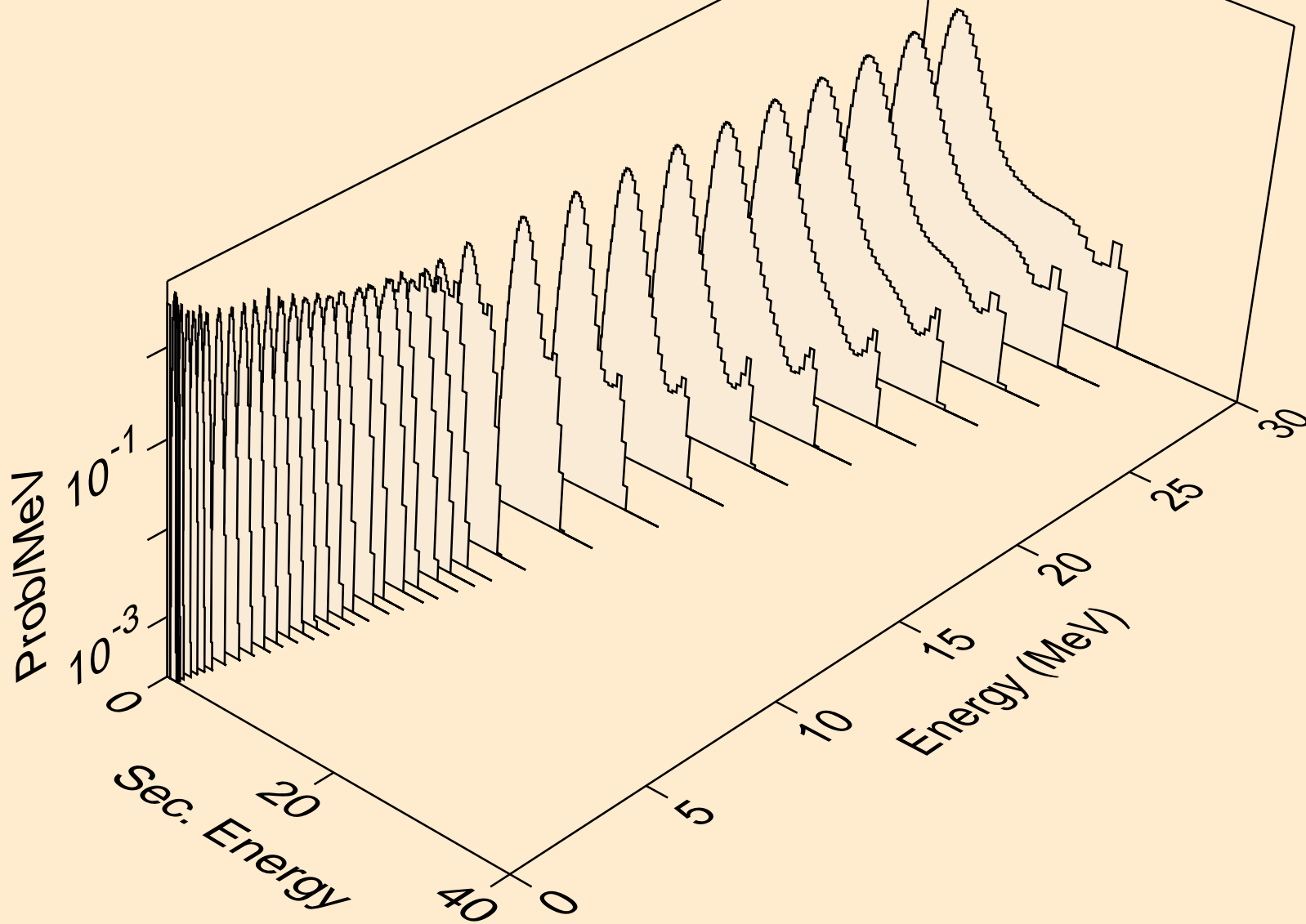




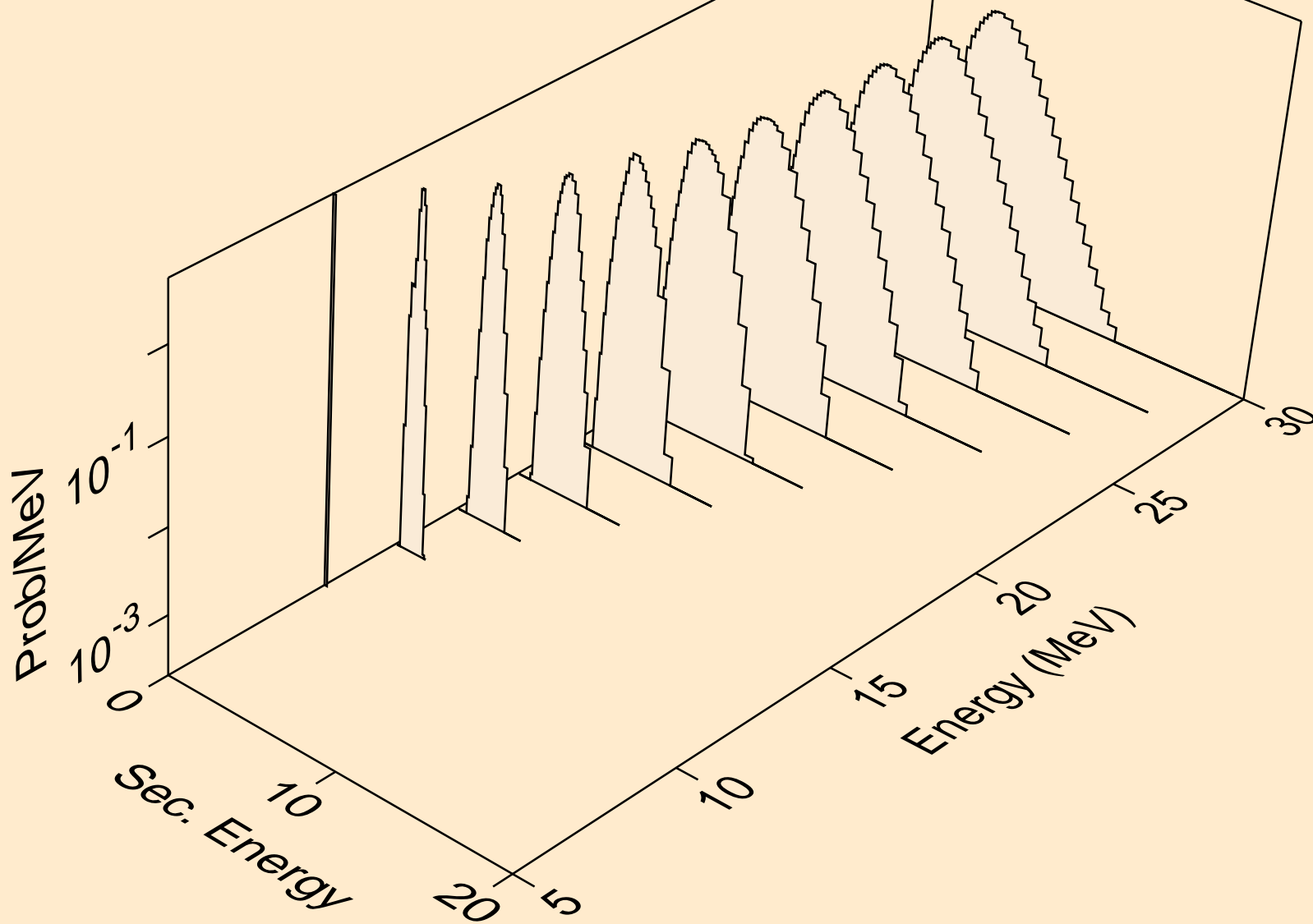
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



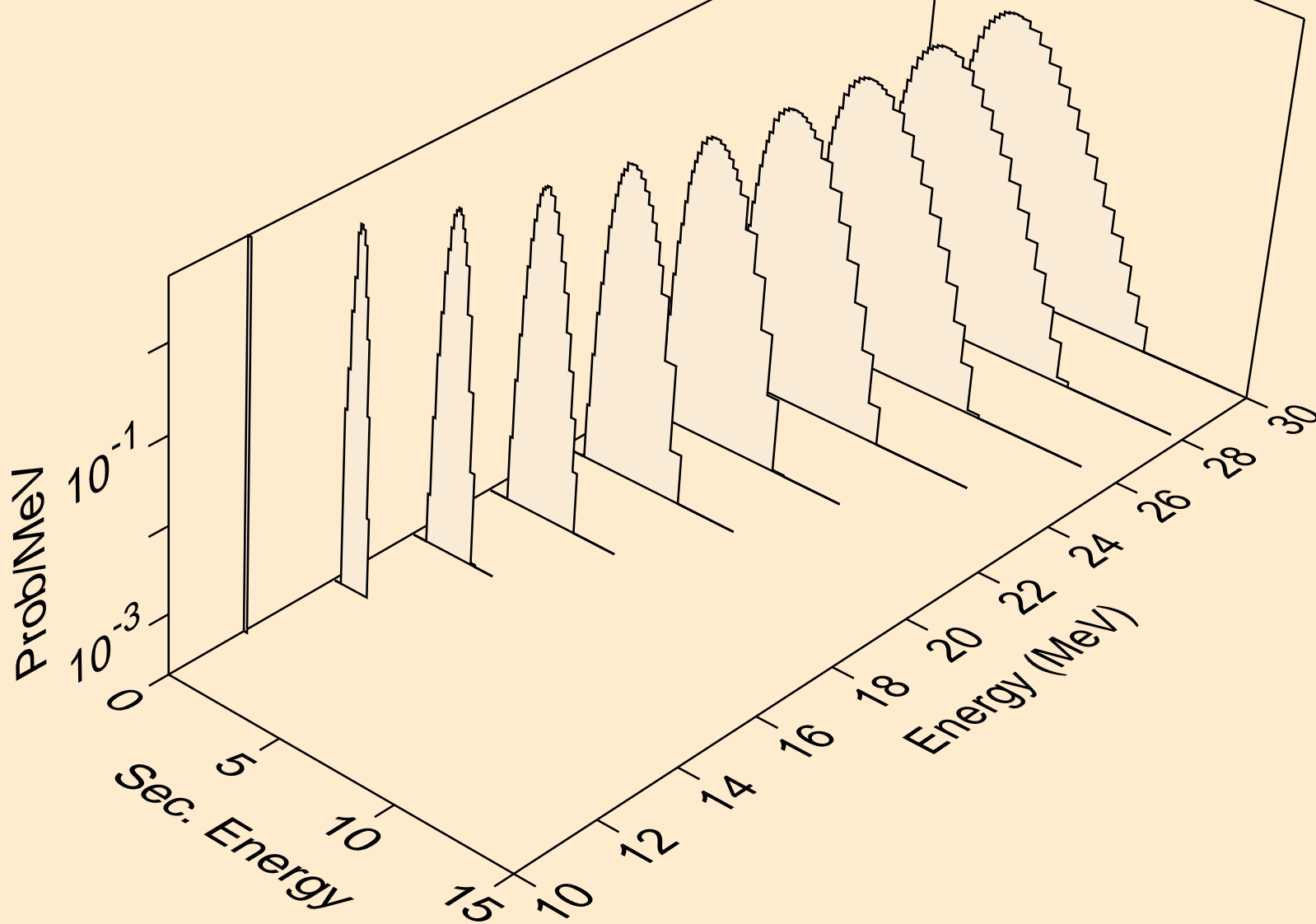
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



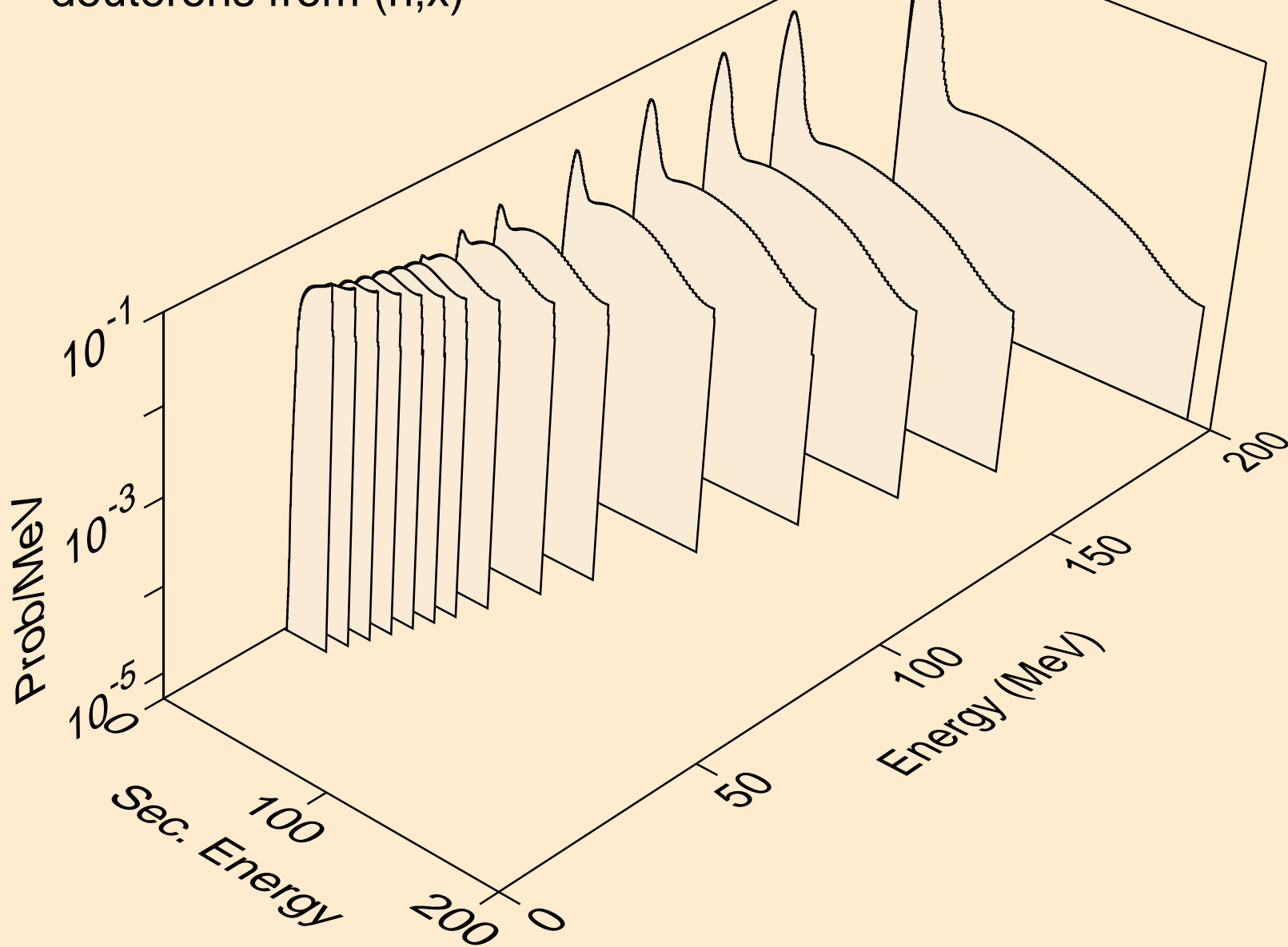
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



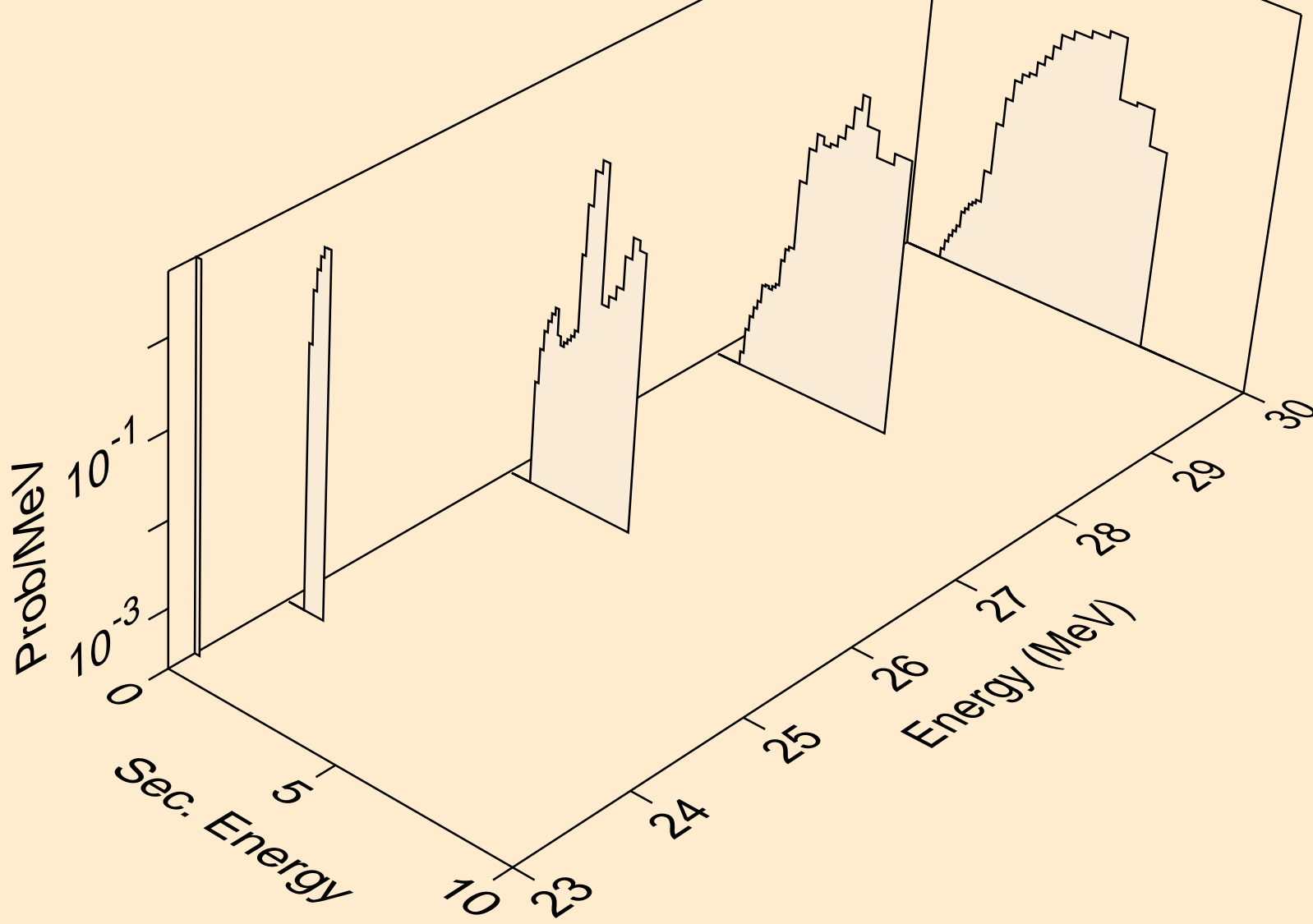
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



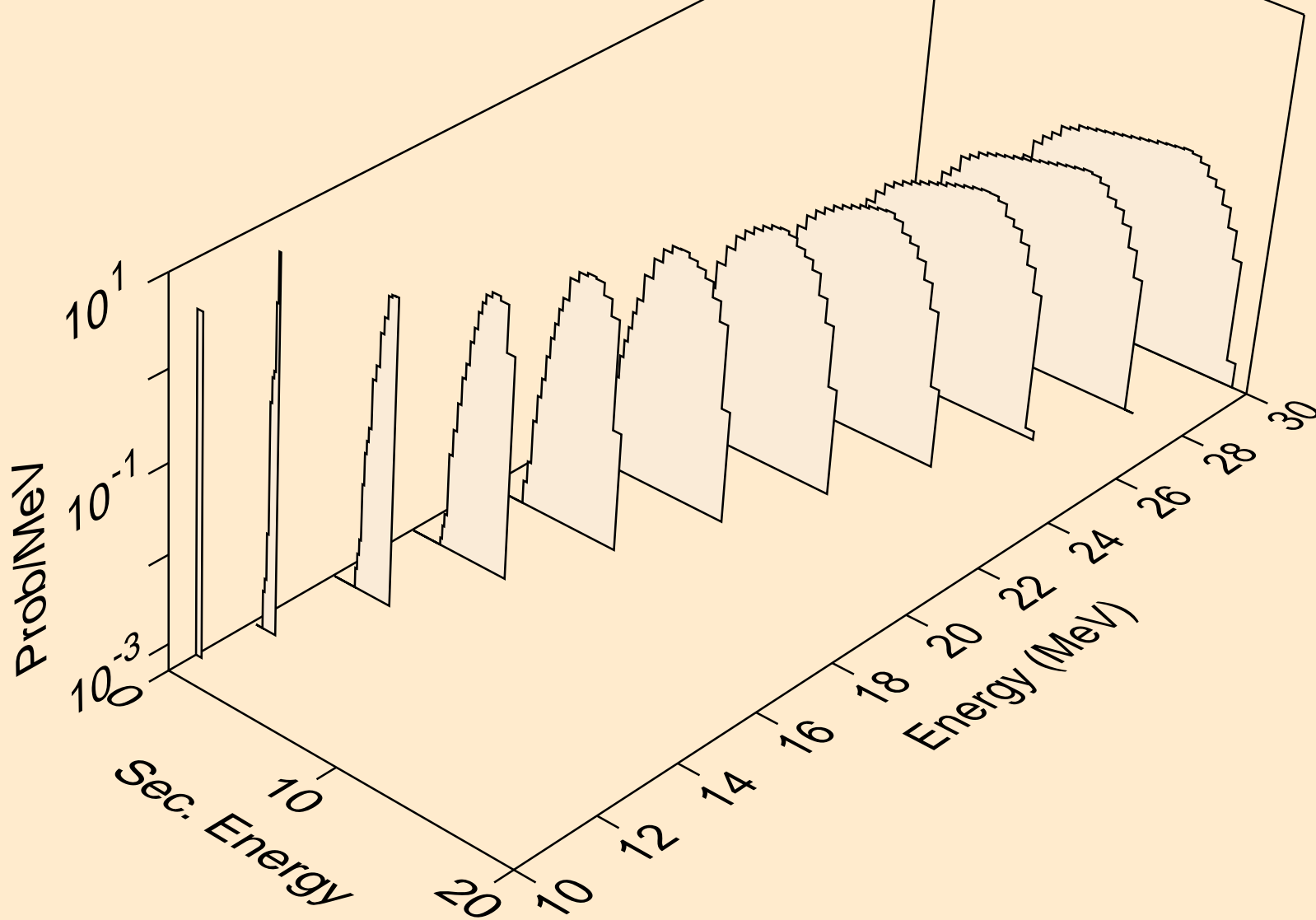
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



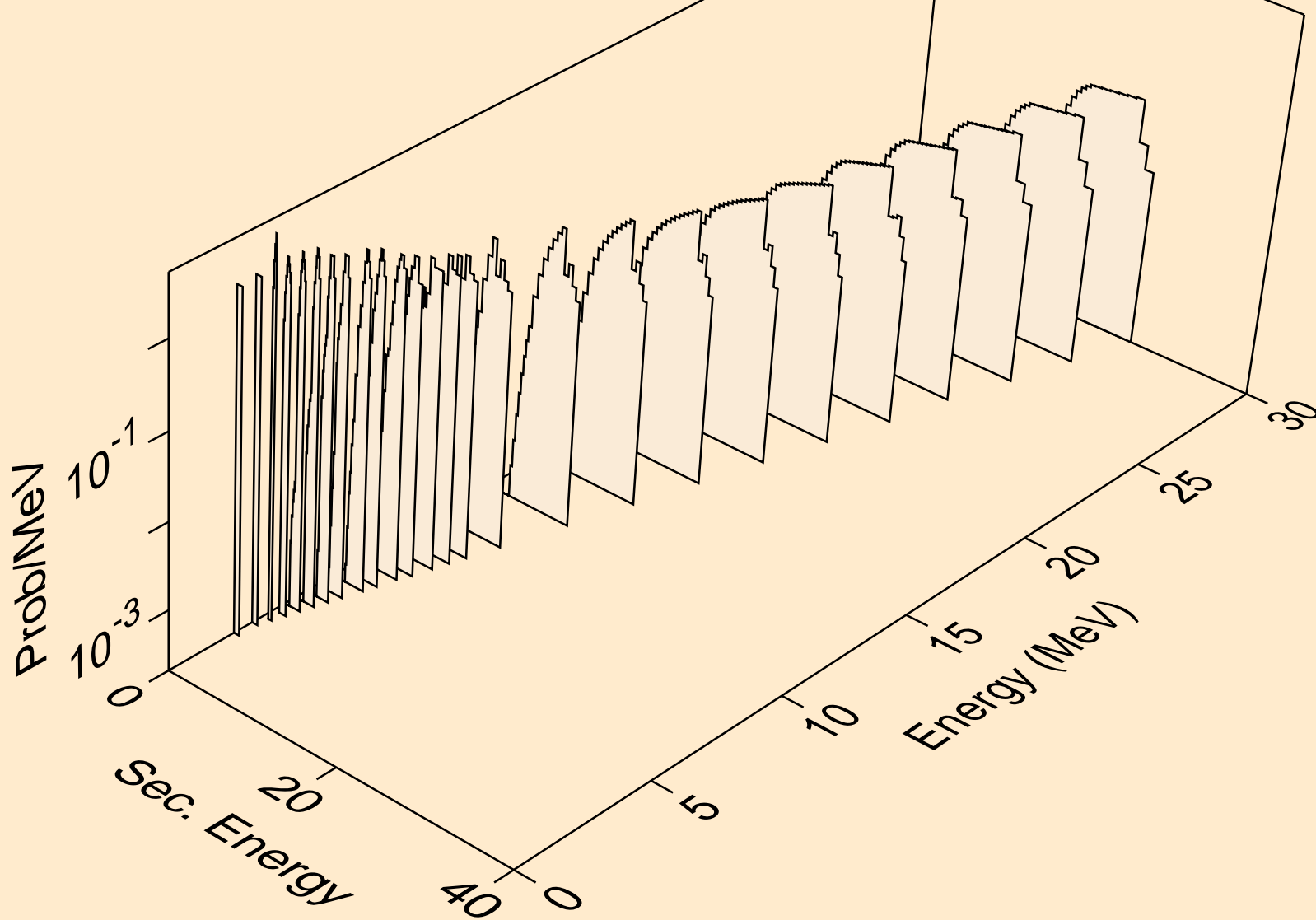
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

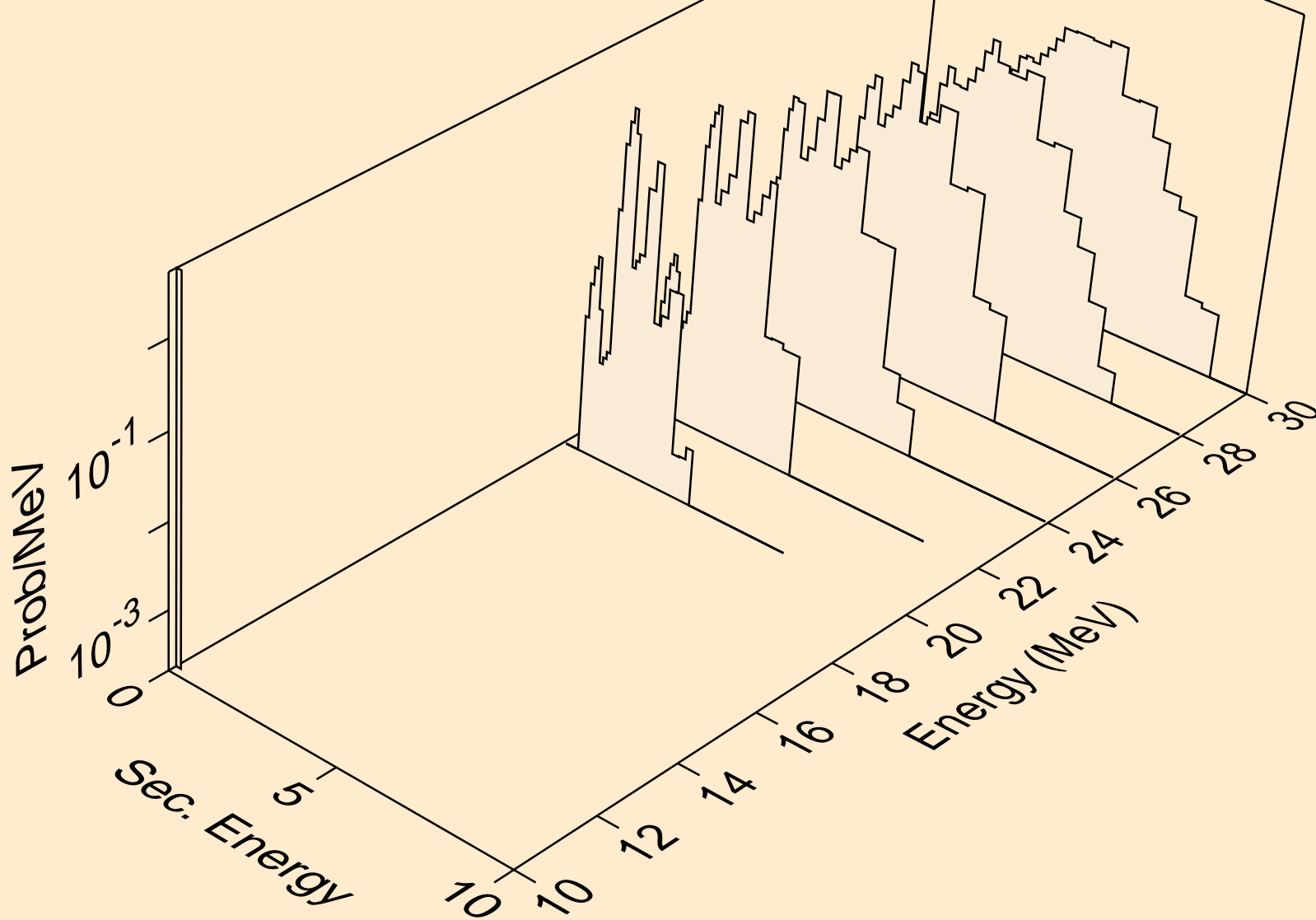


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)

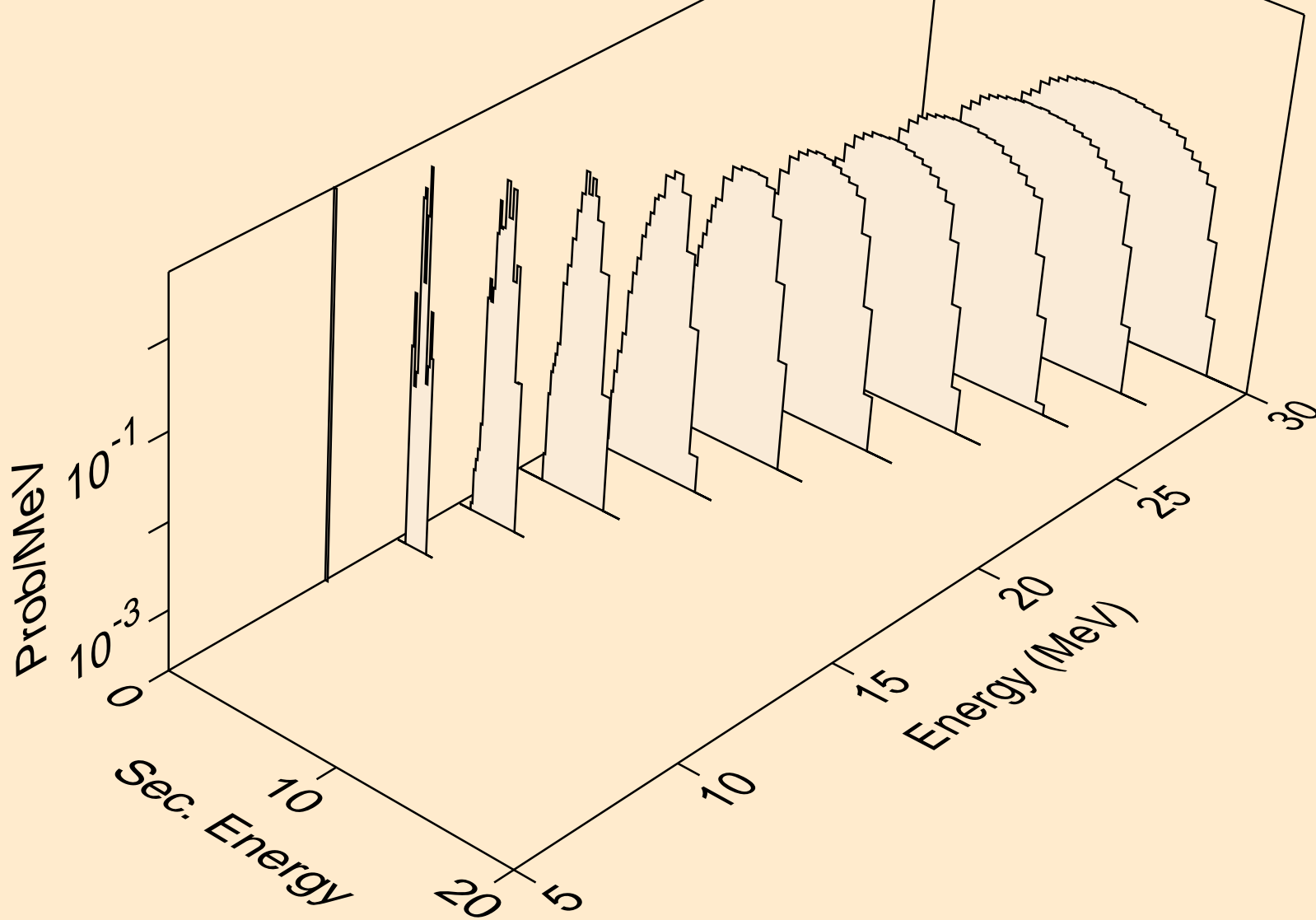




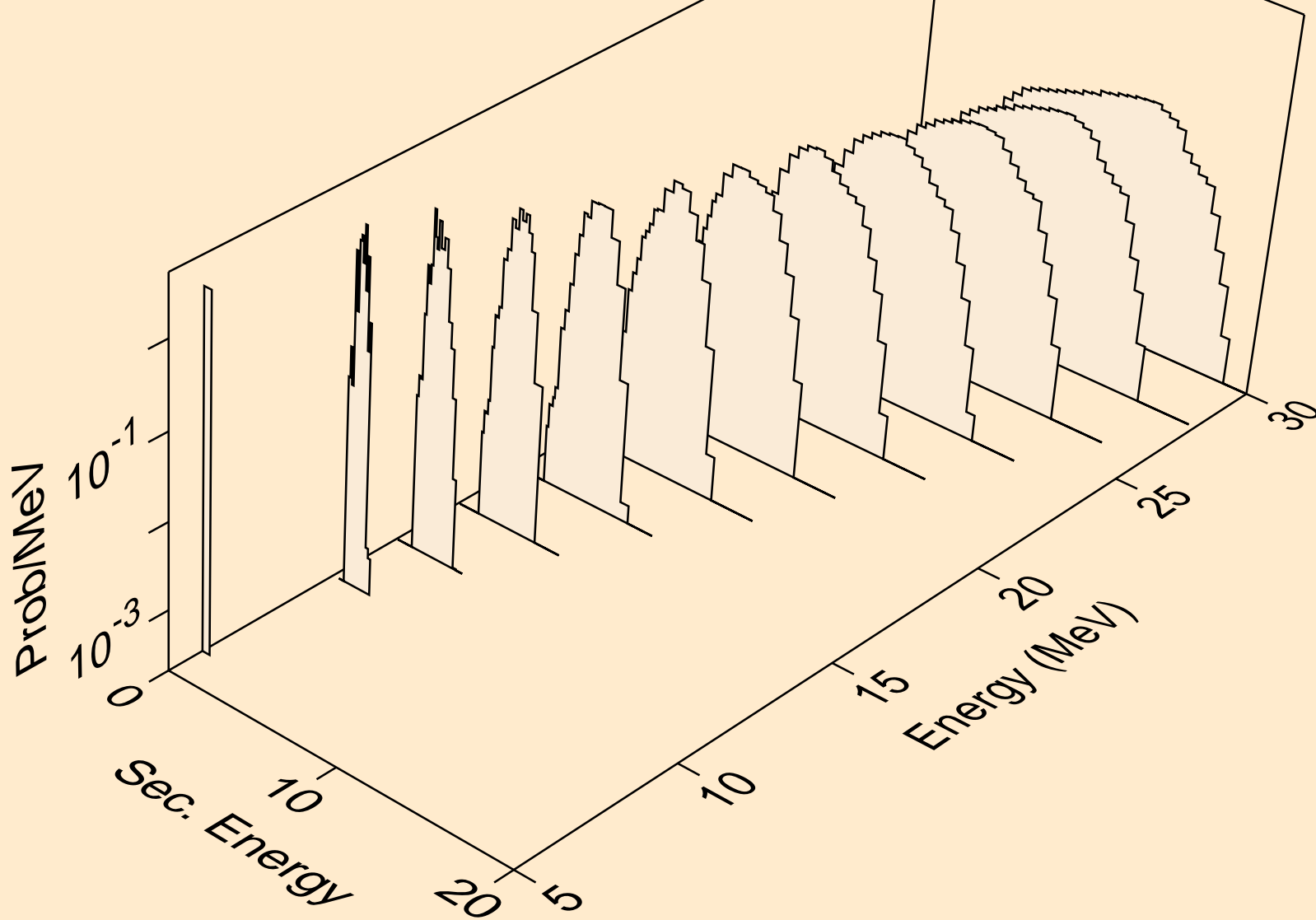
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d2a)



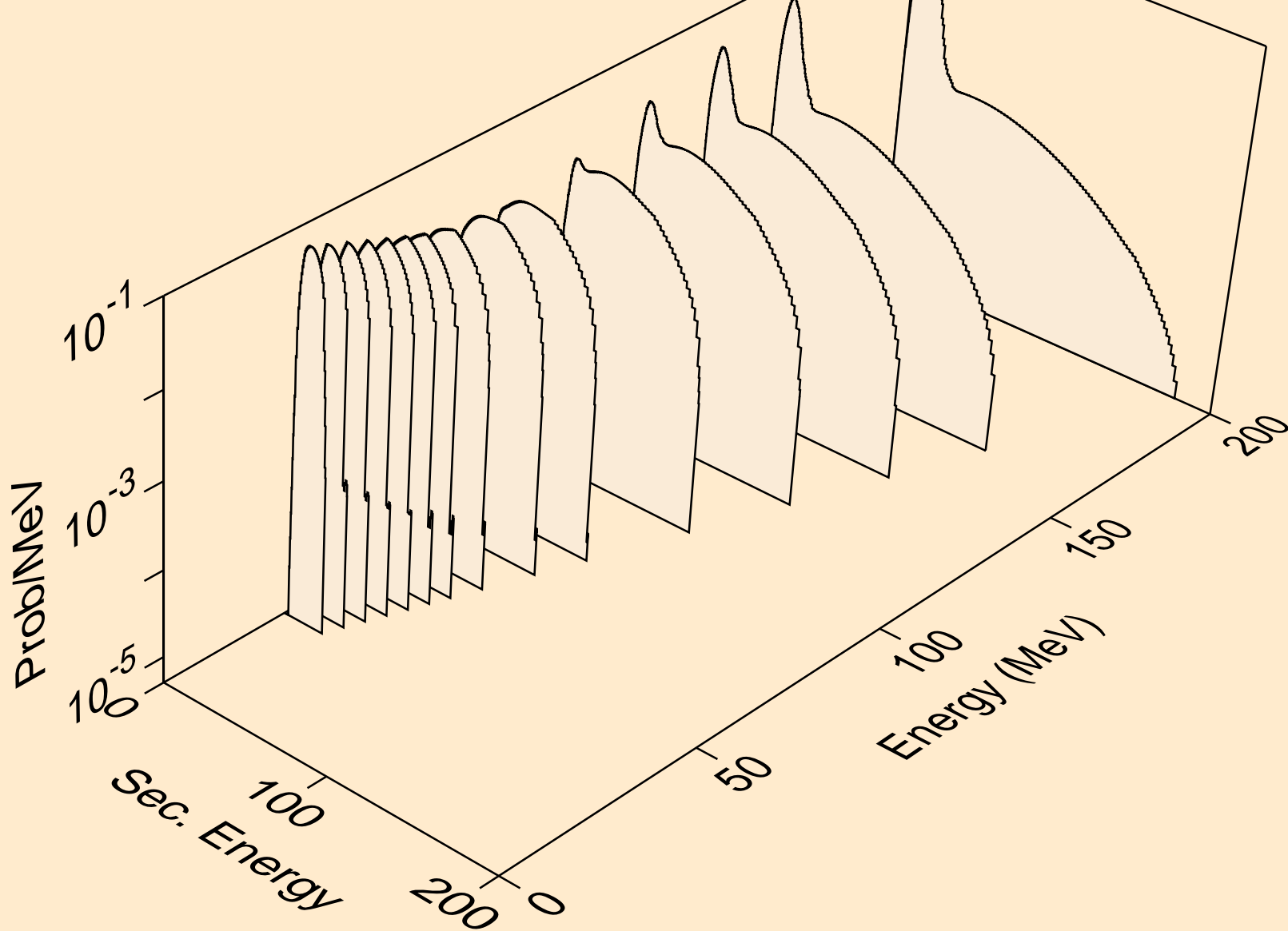
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



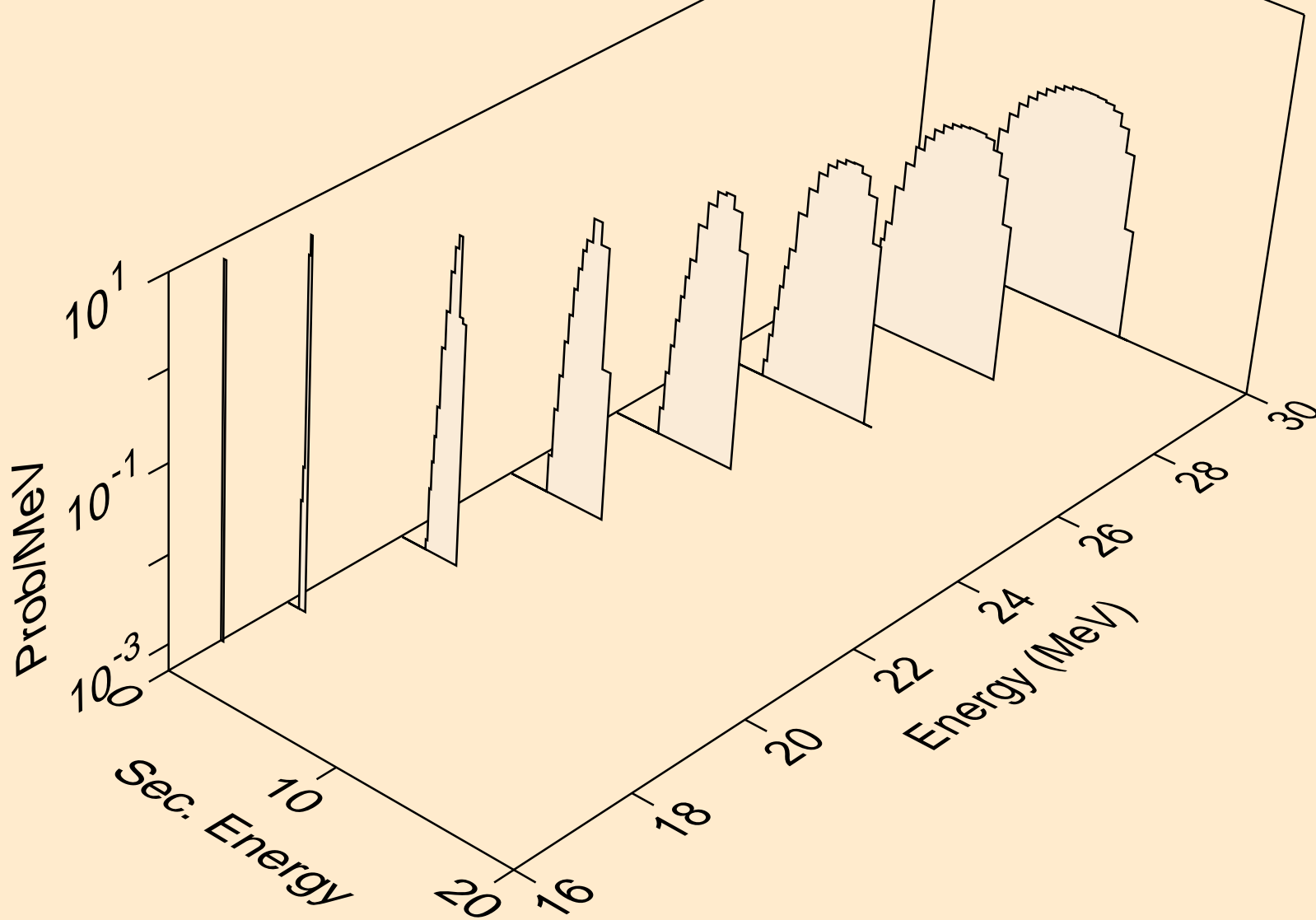
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



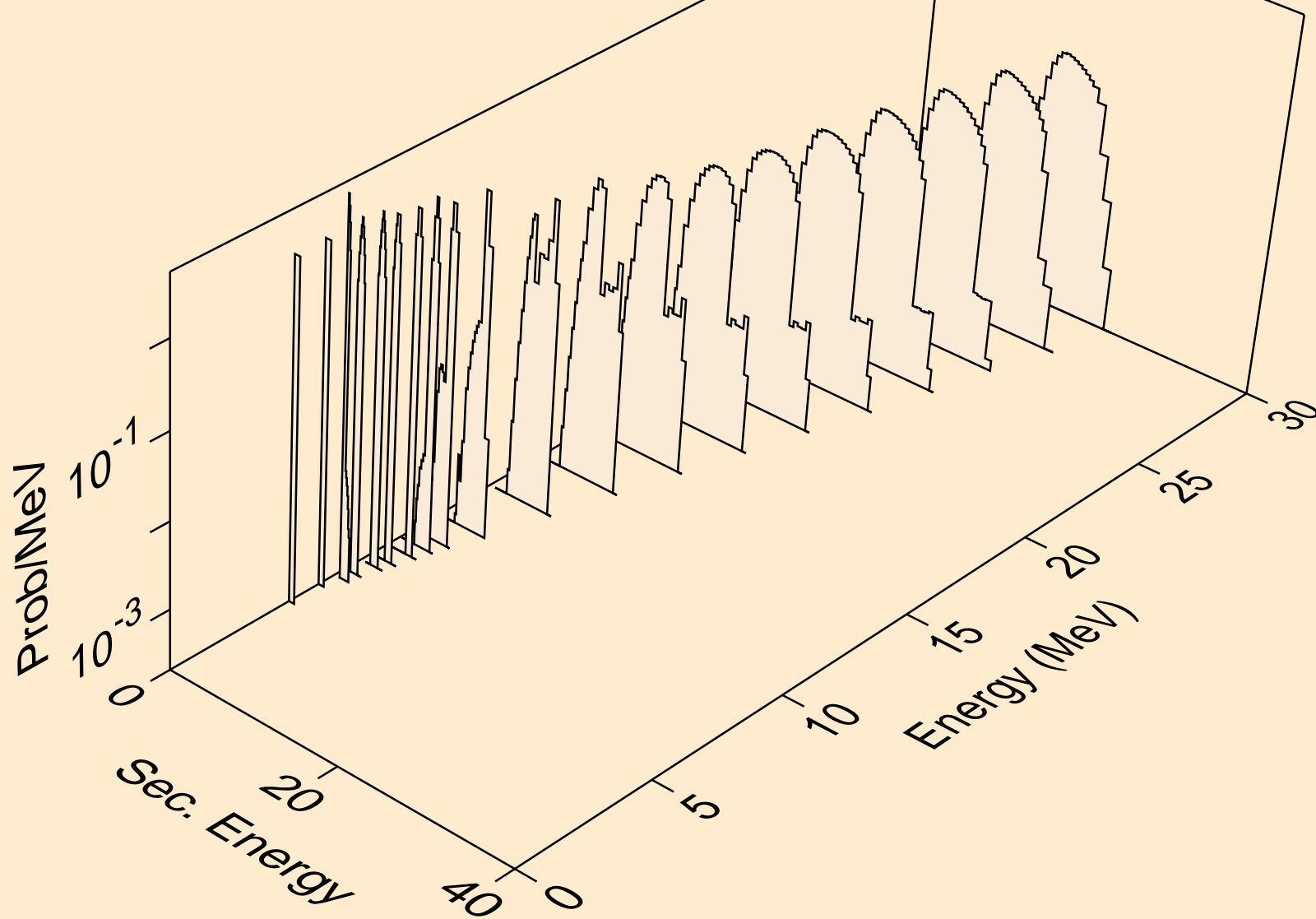
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



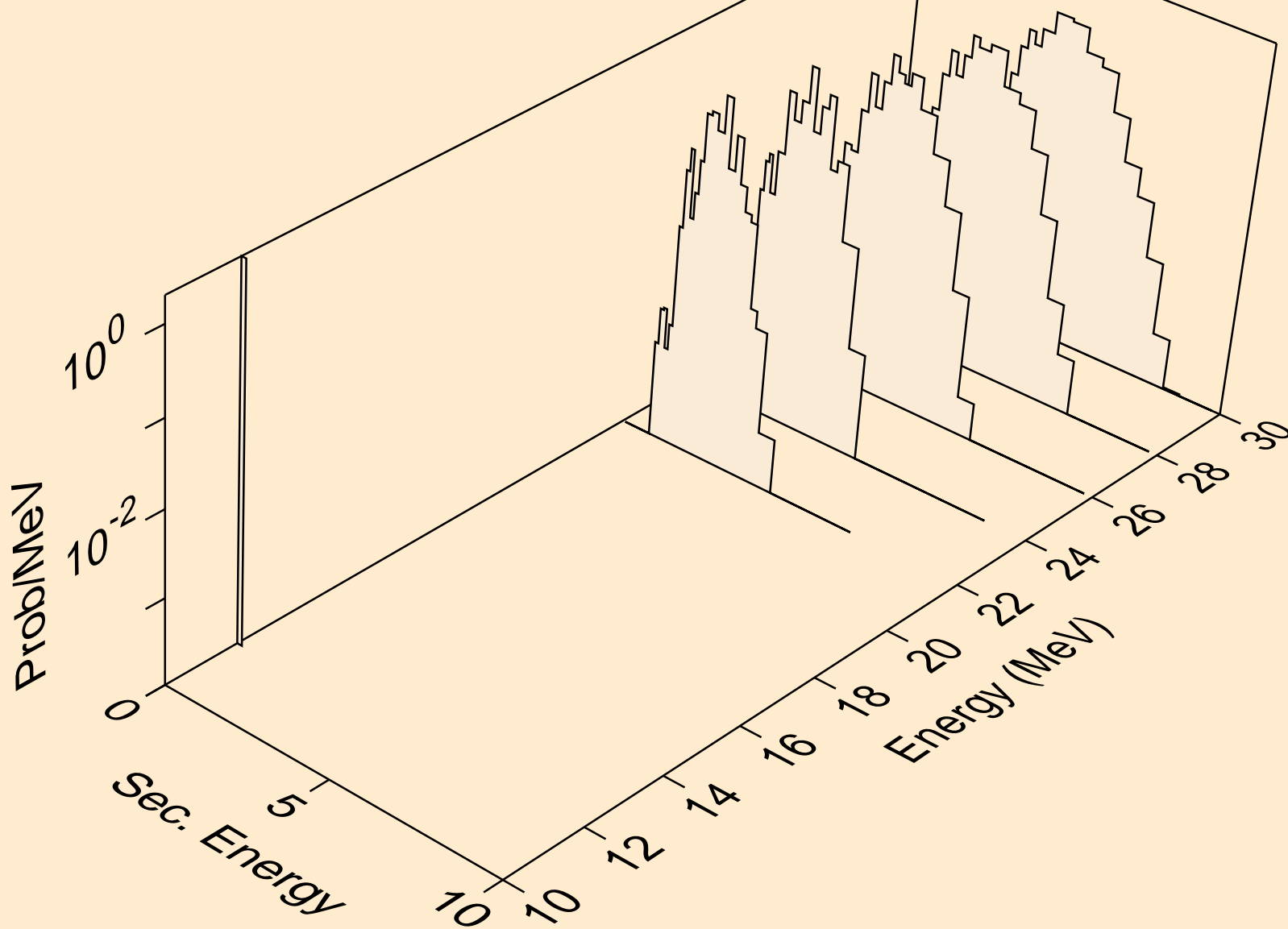
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



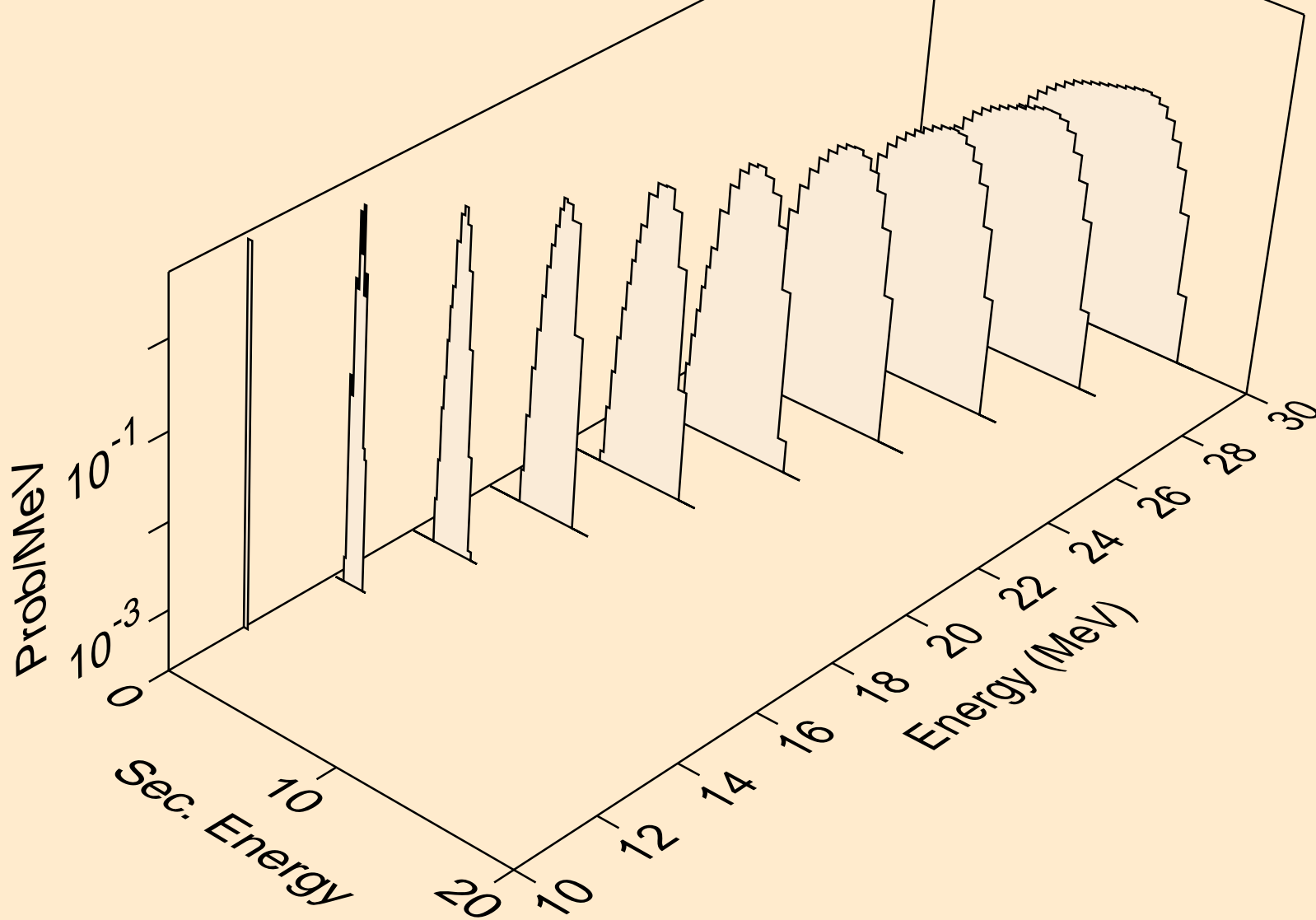
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t2a)

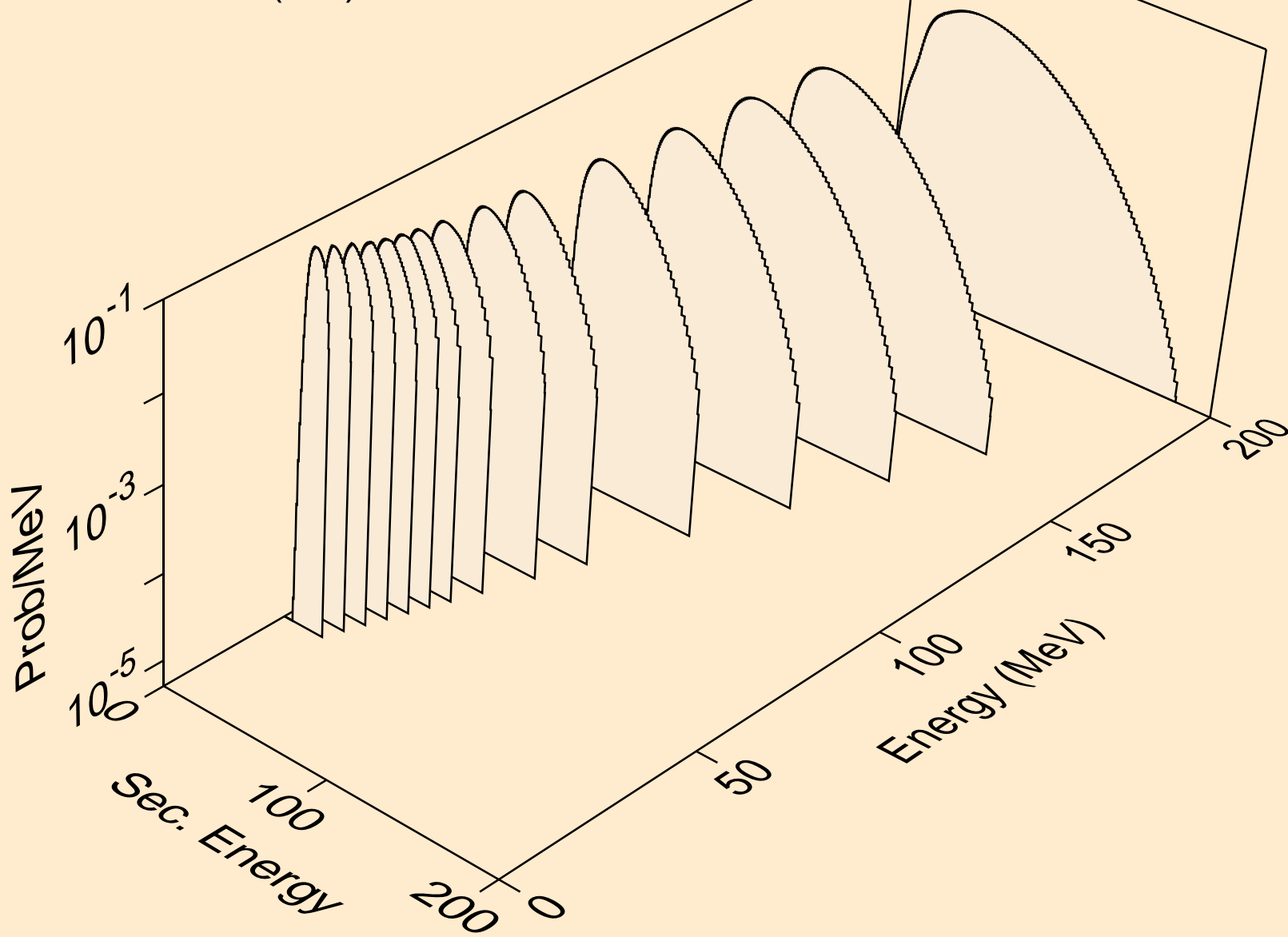


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)

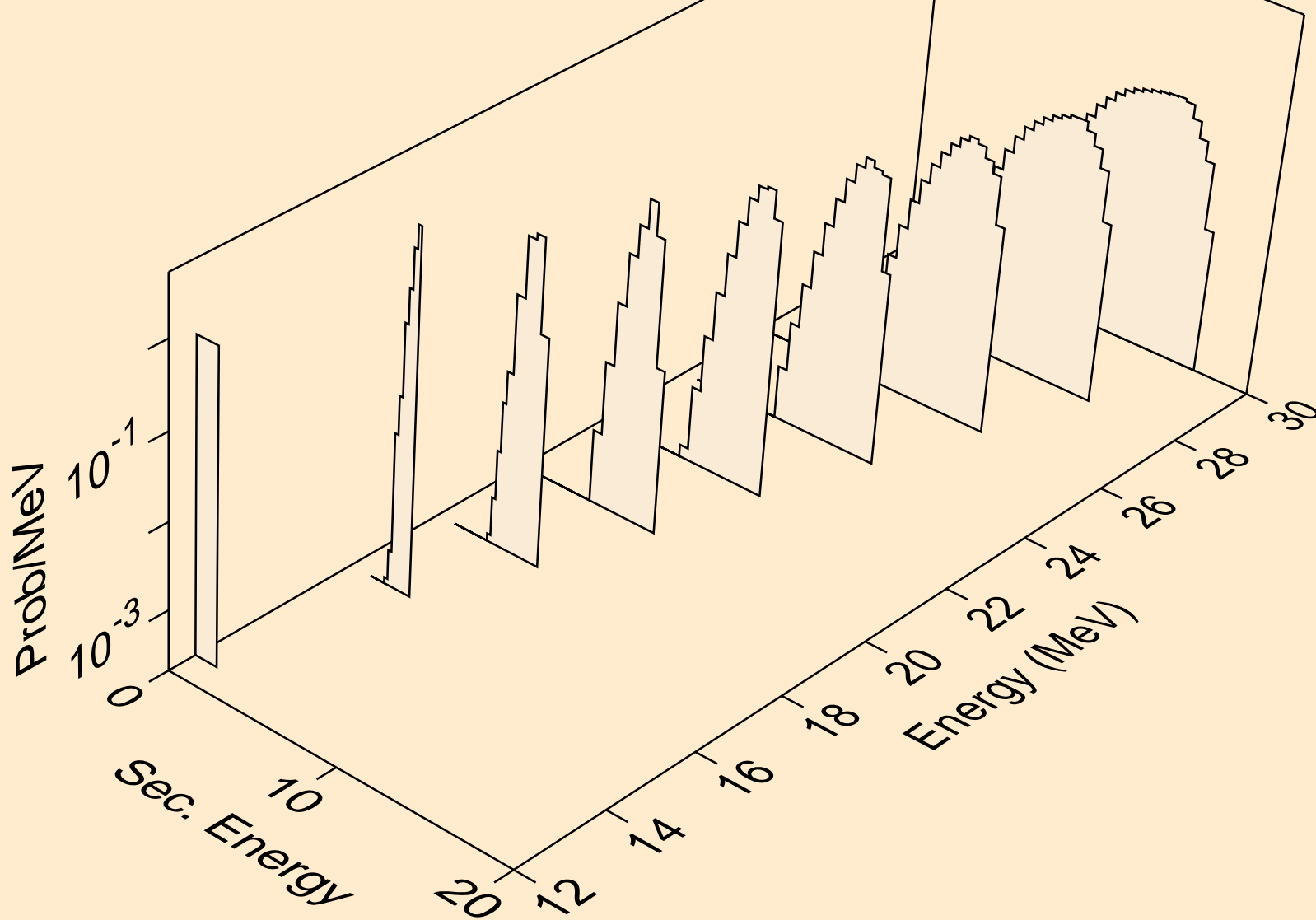




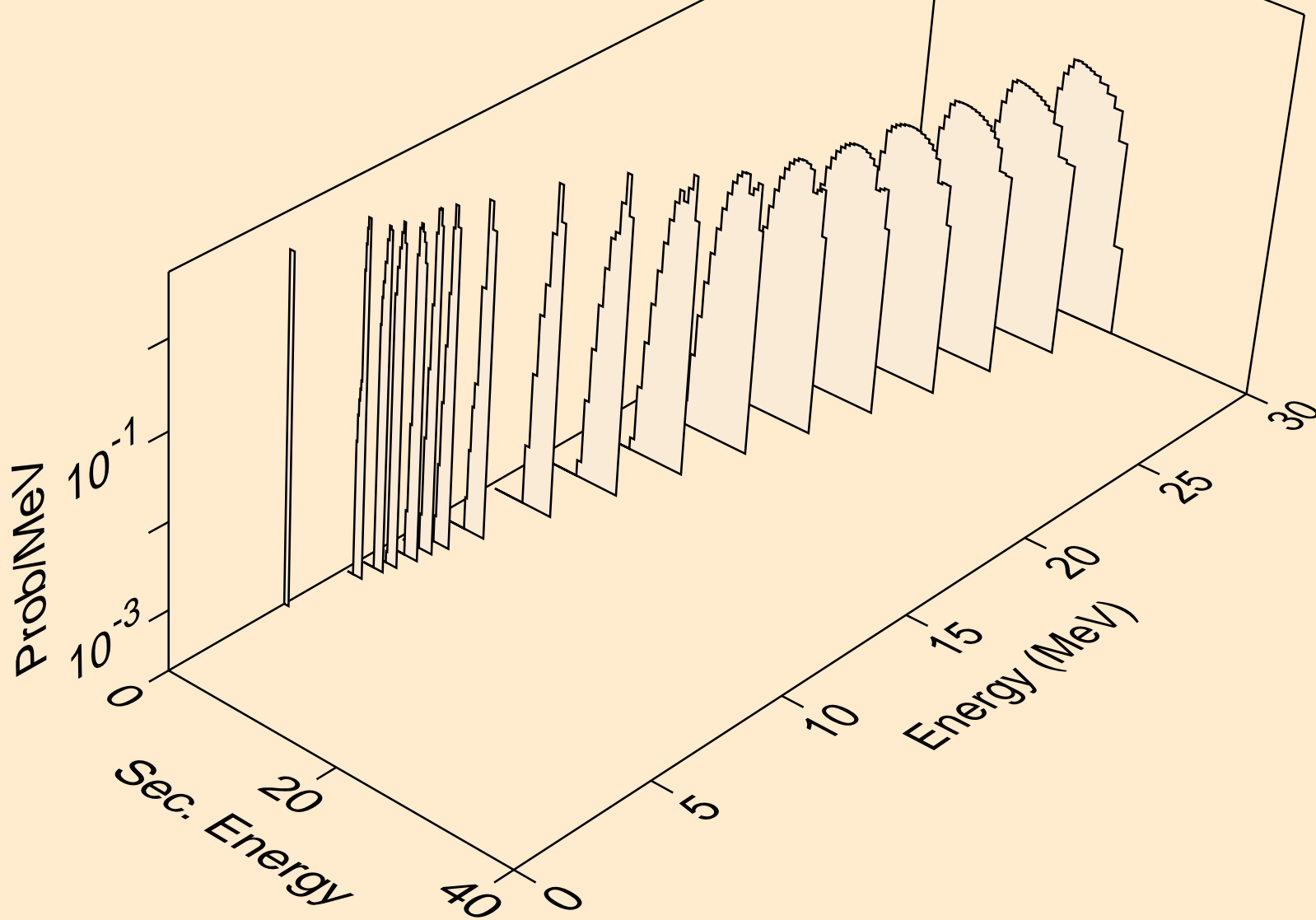
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



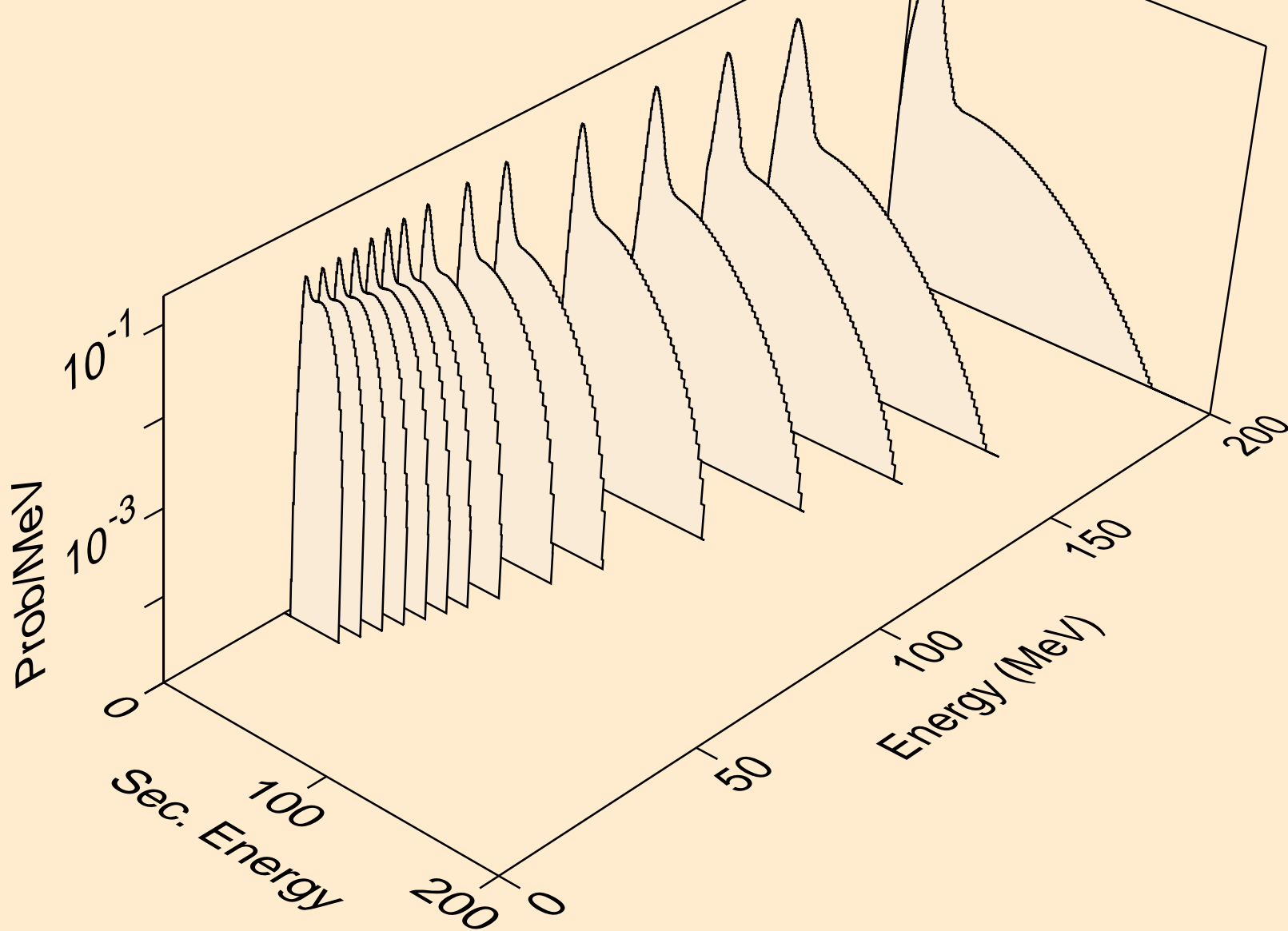
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



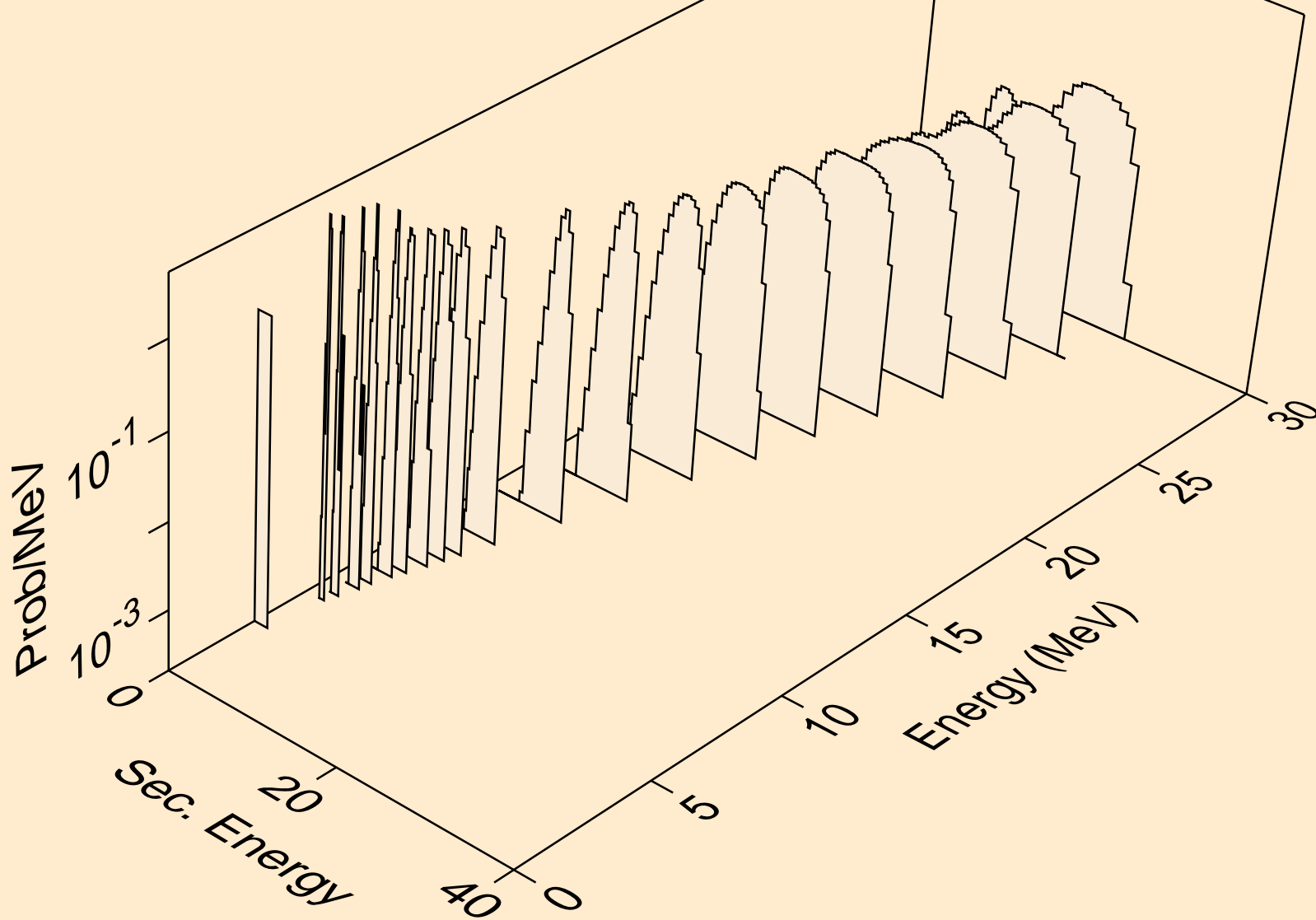
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



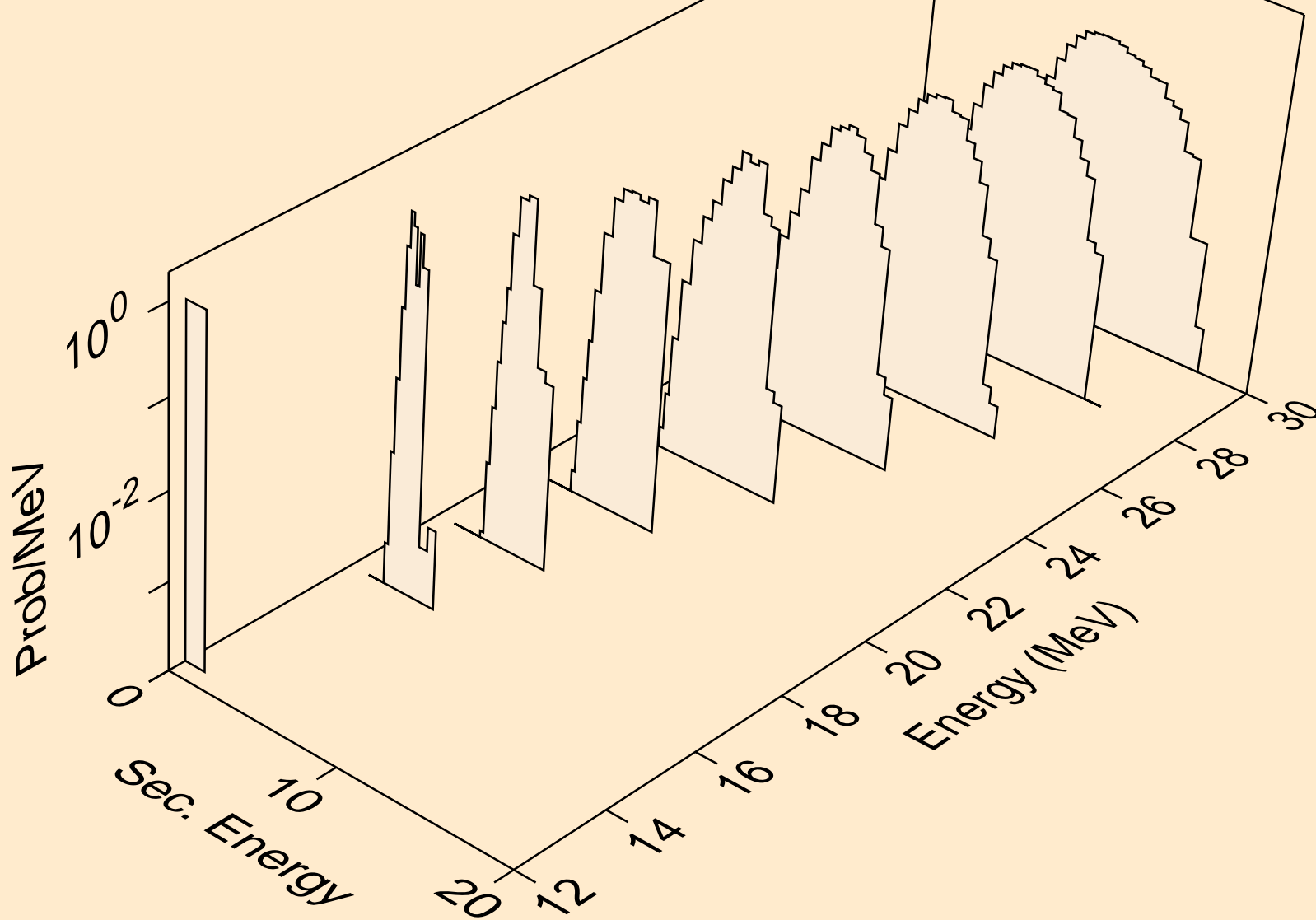
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



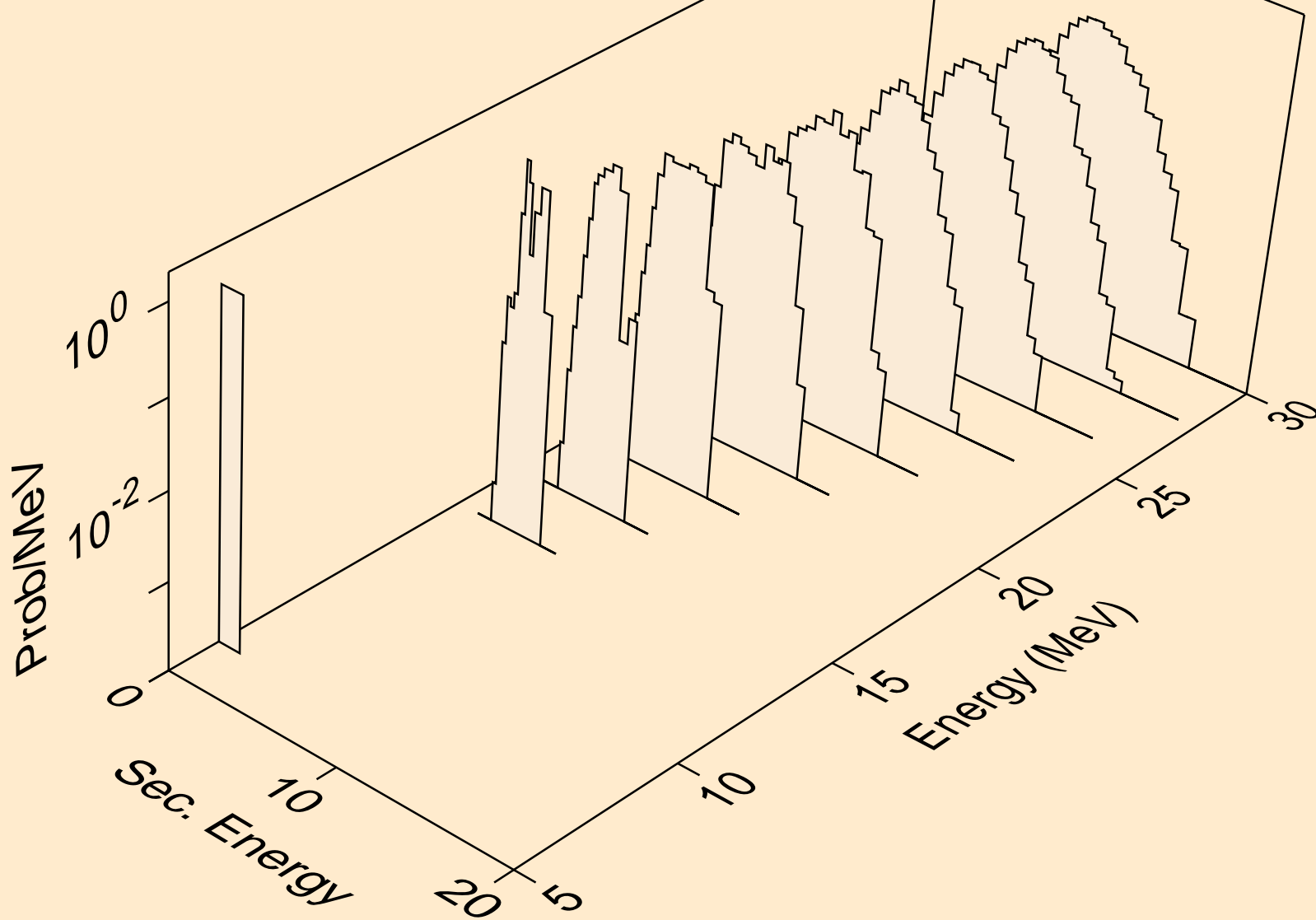
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



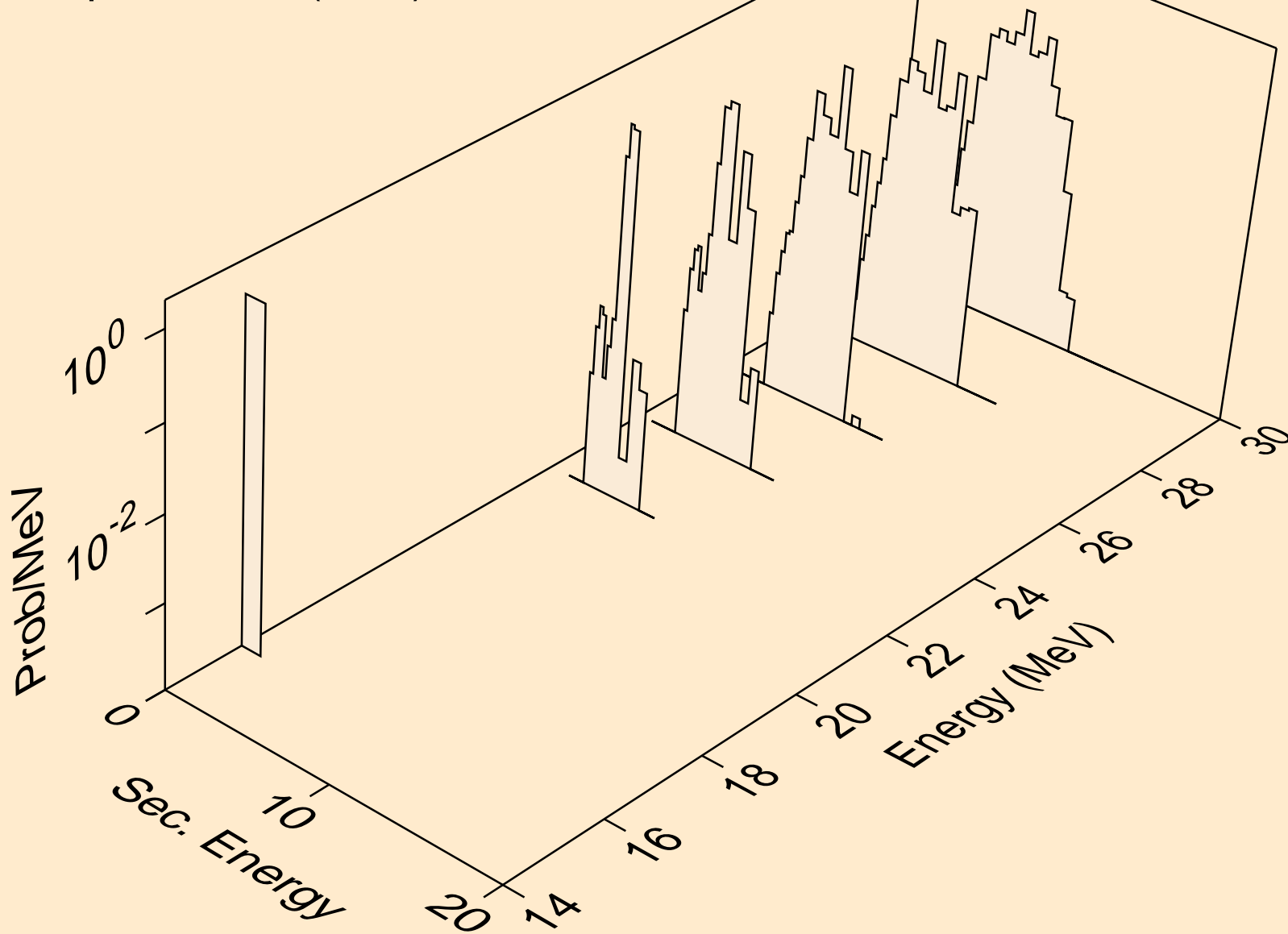
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a

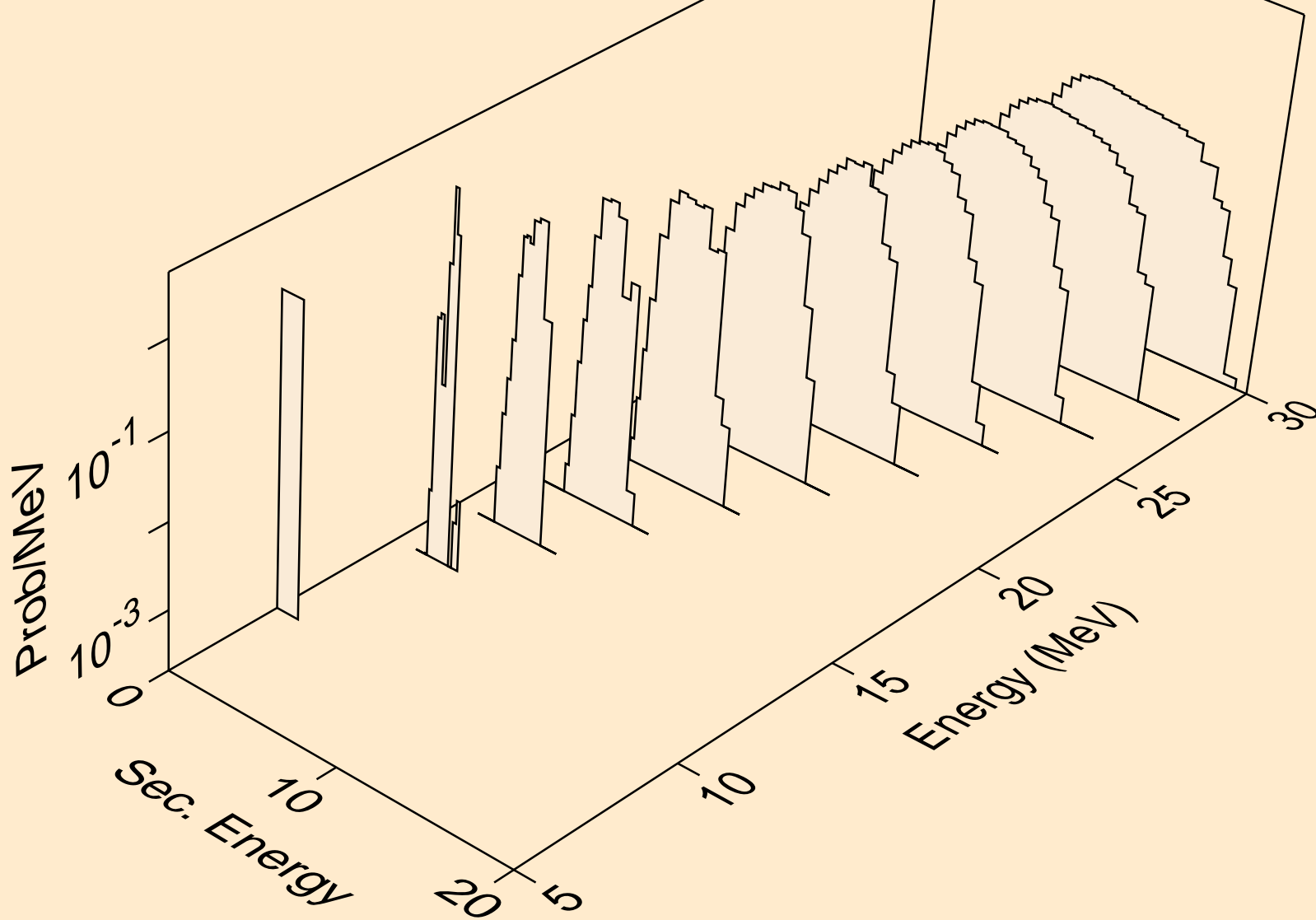


AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a

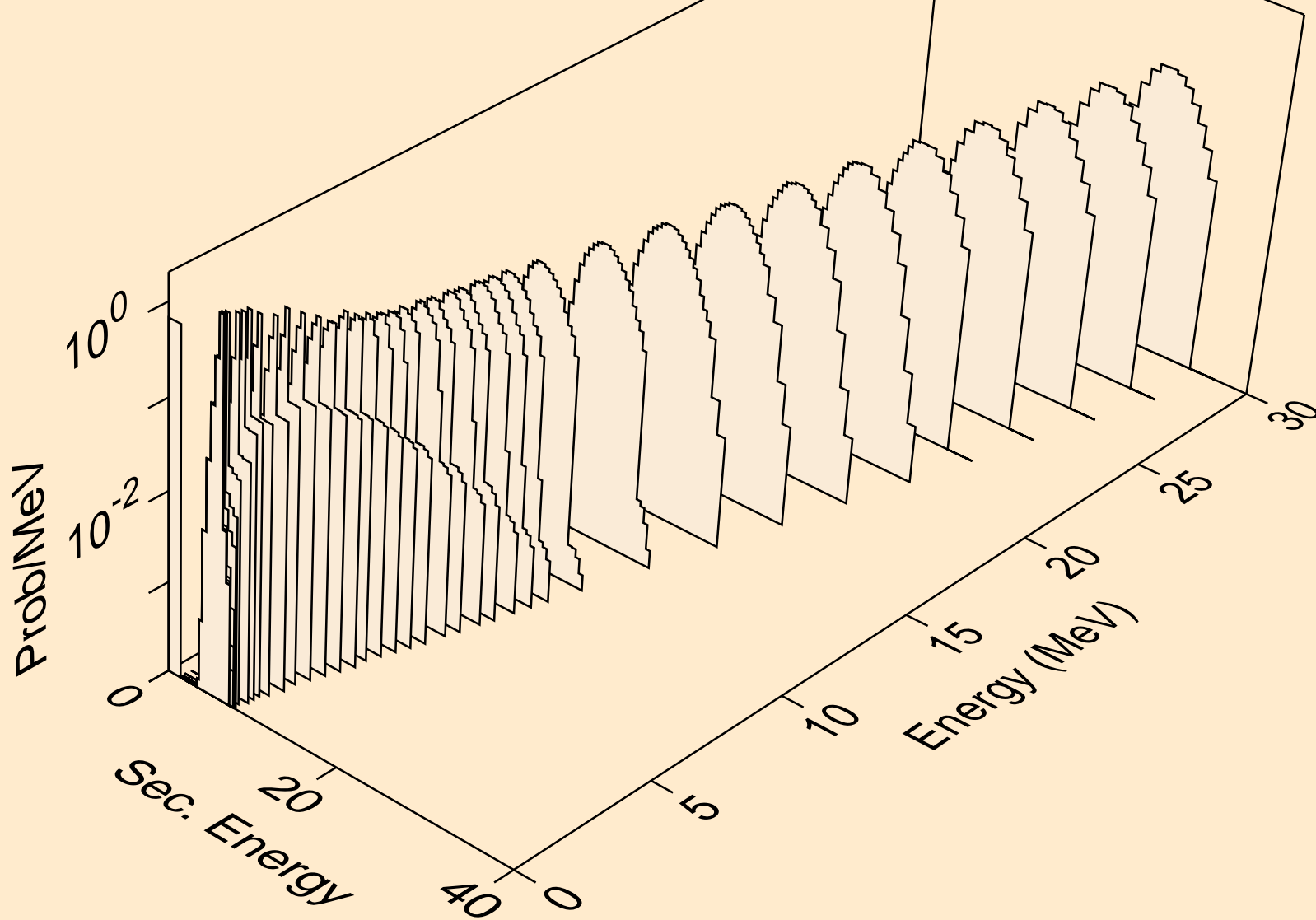




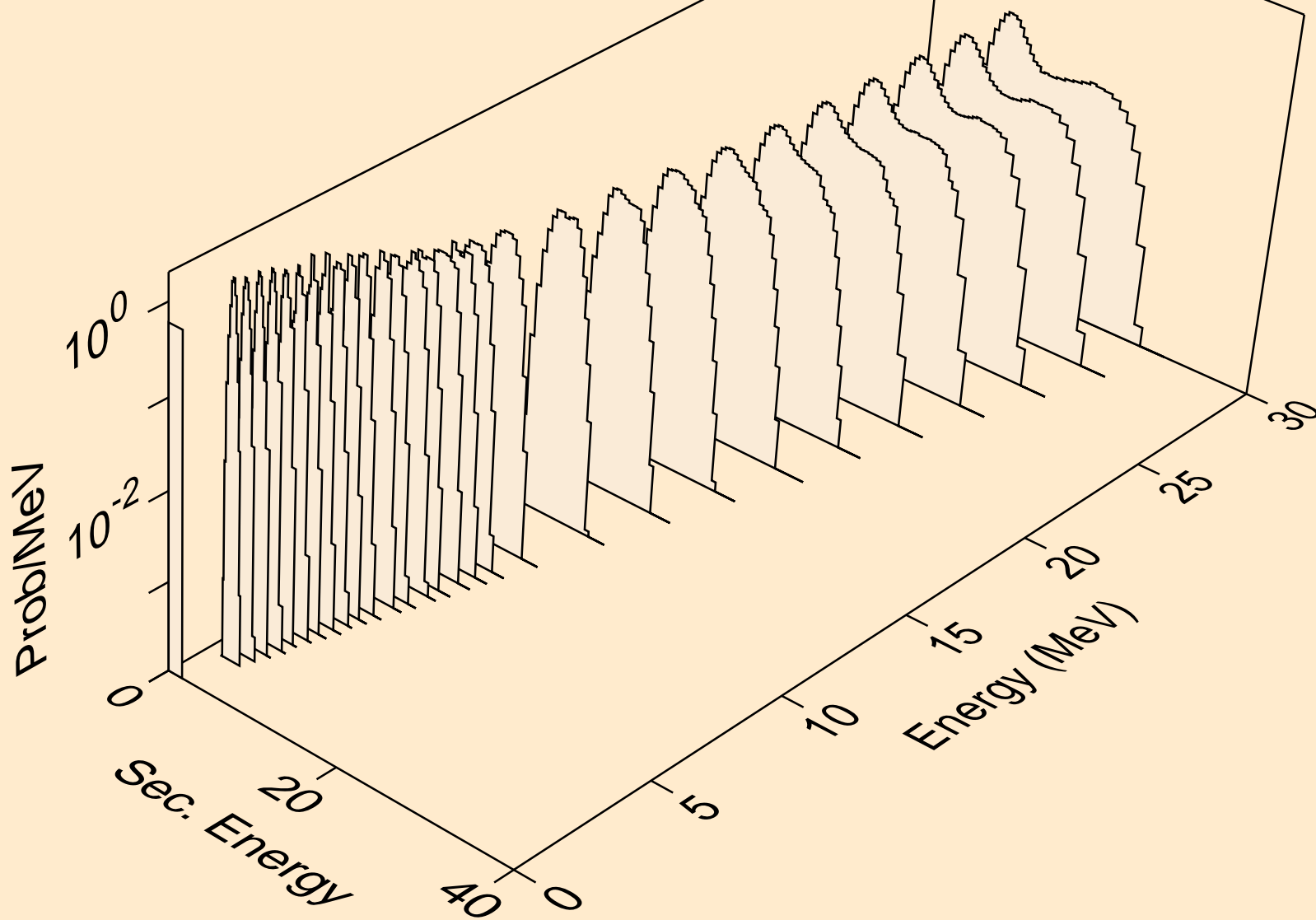
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



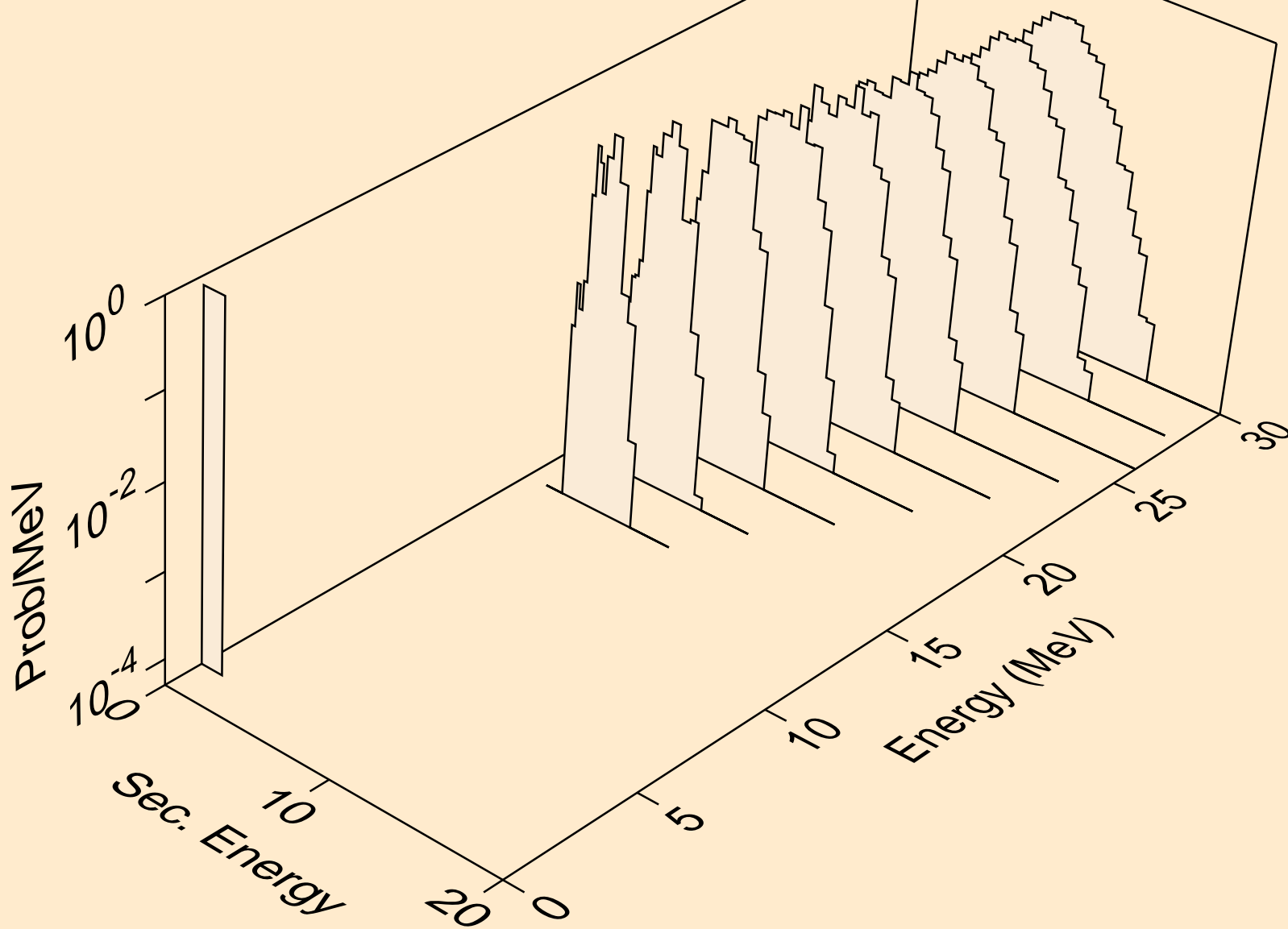
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



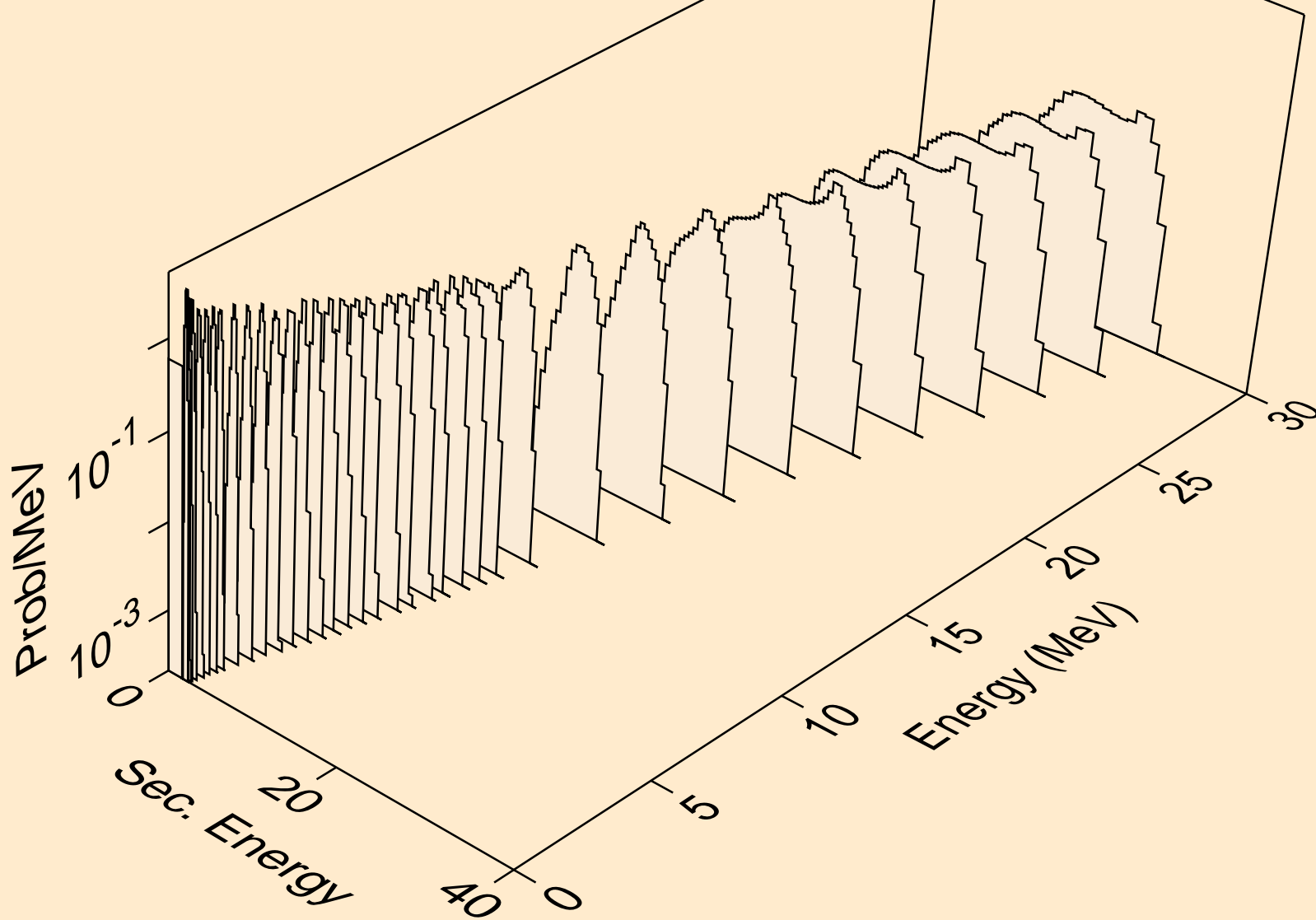
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



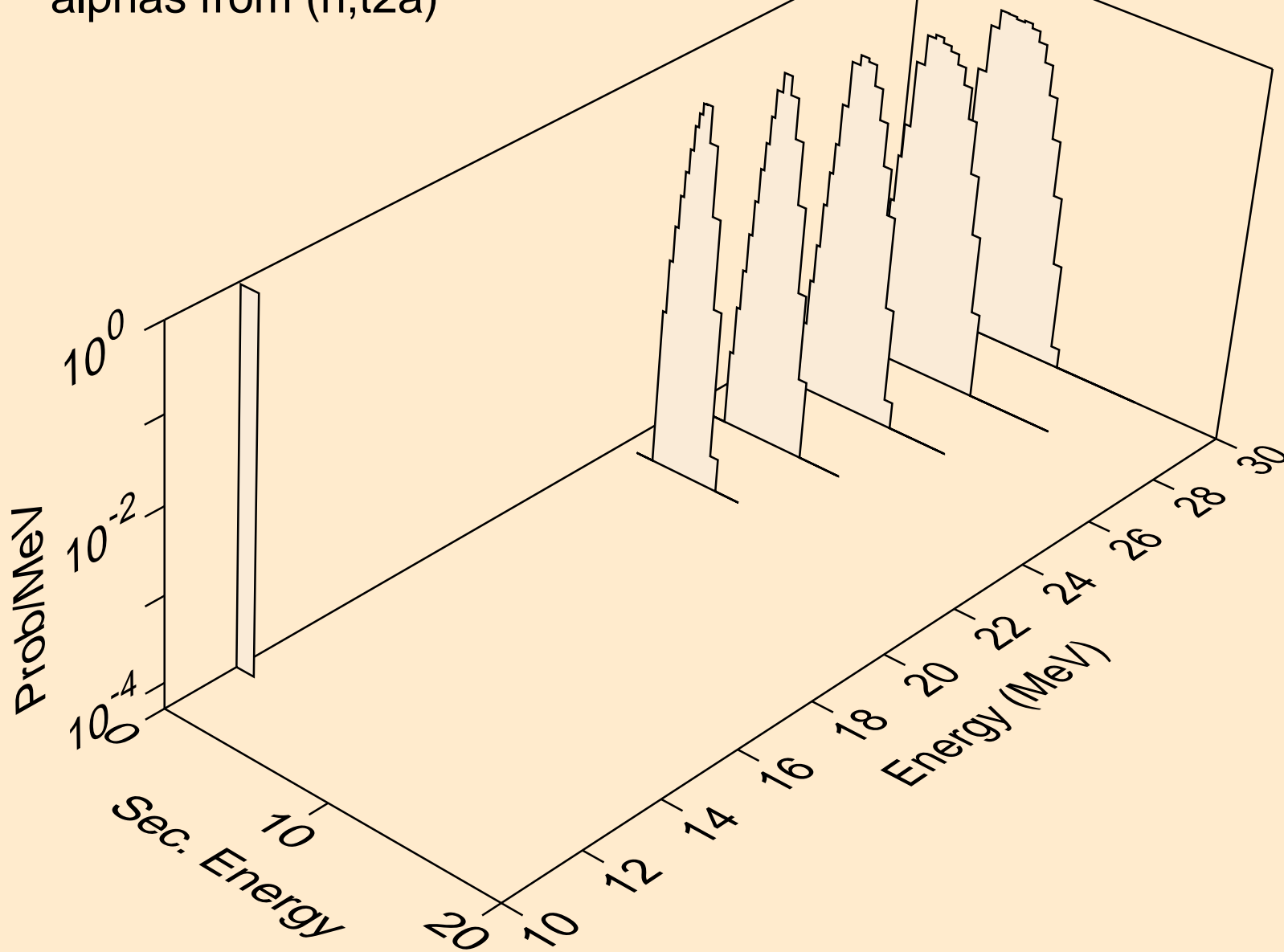
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



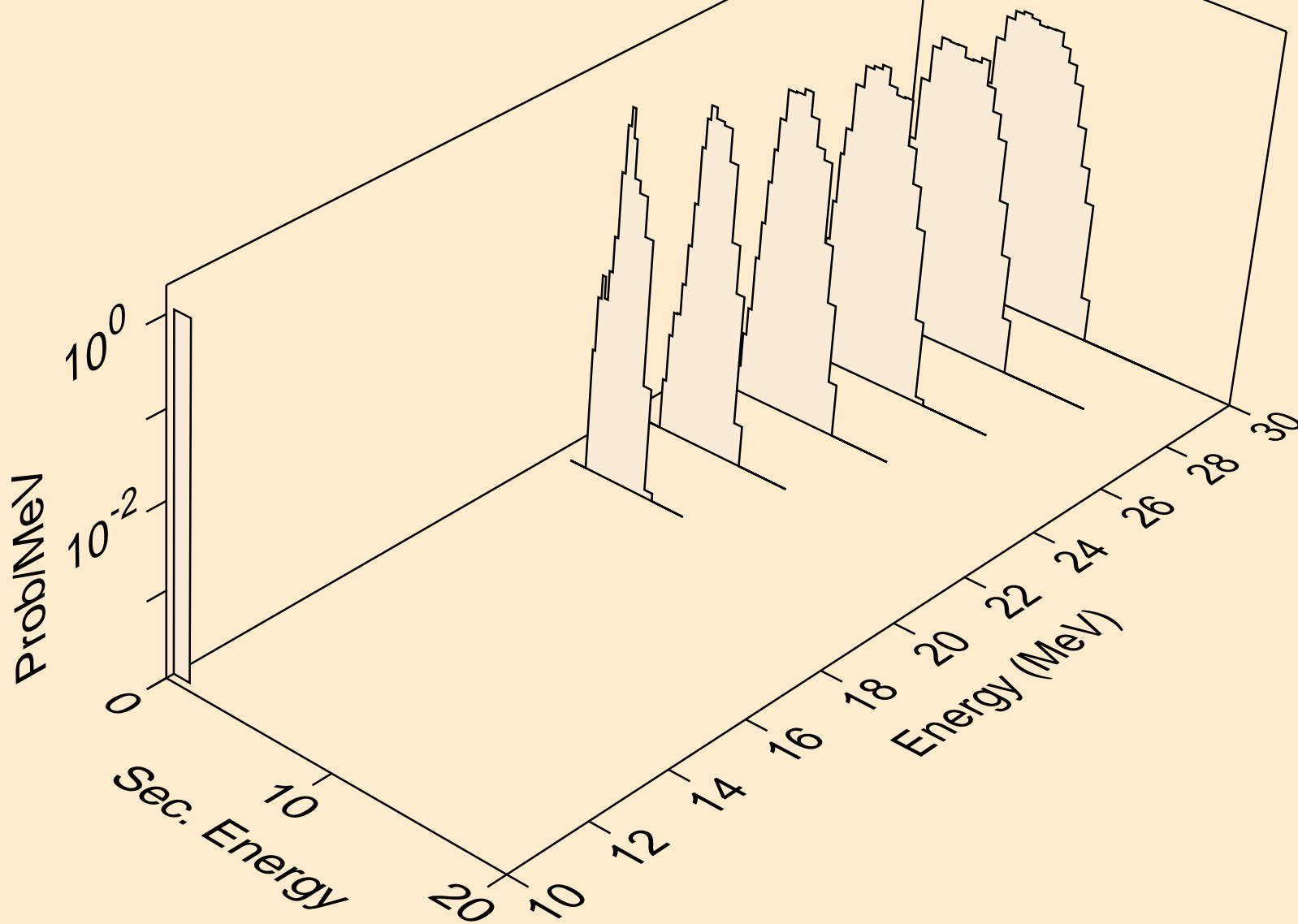
AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,t2a)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)



AS070 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

