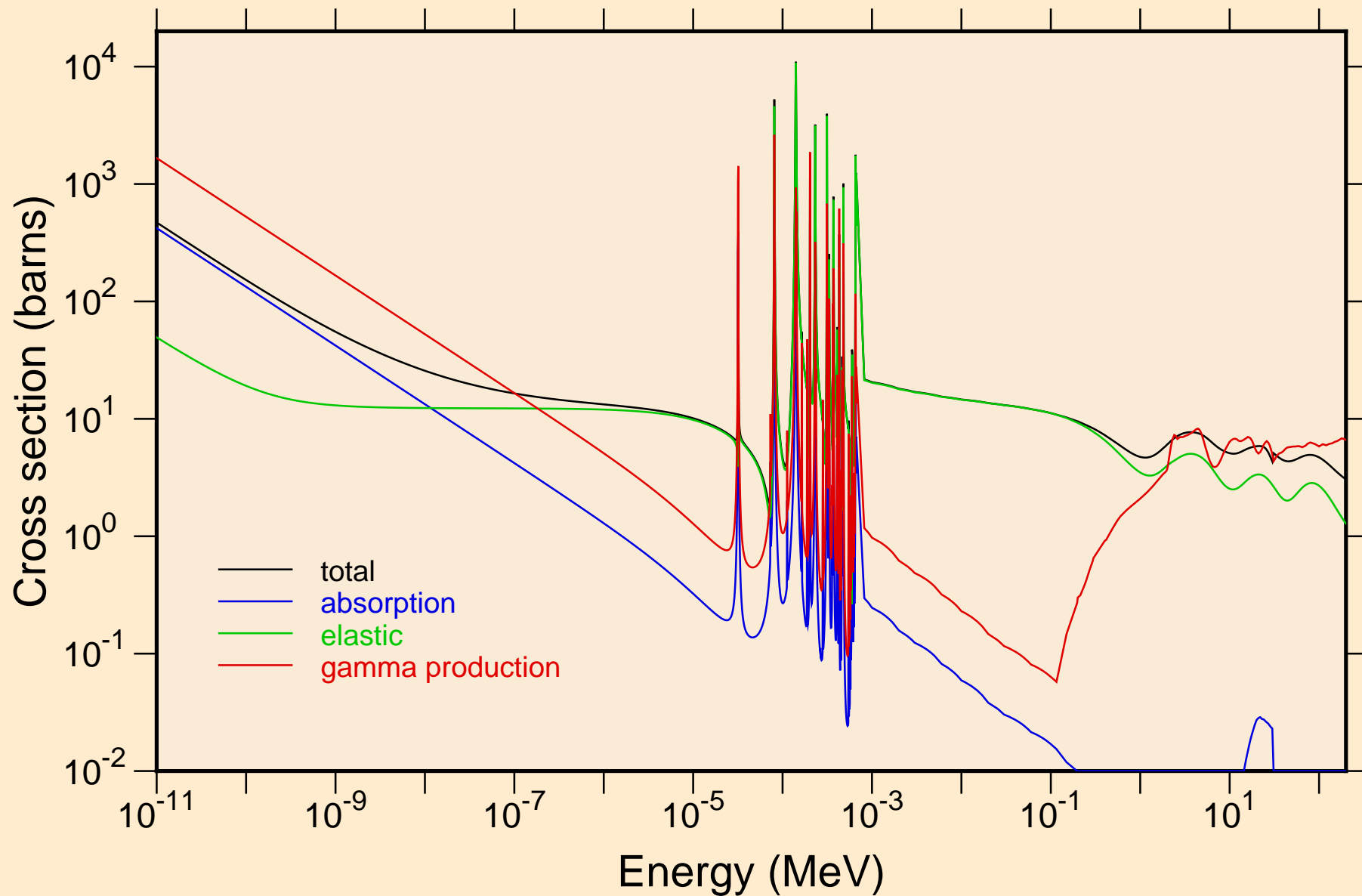
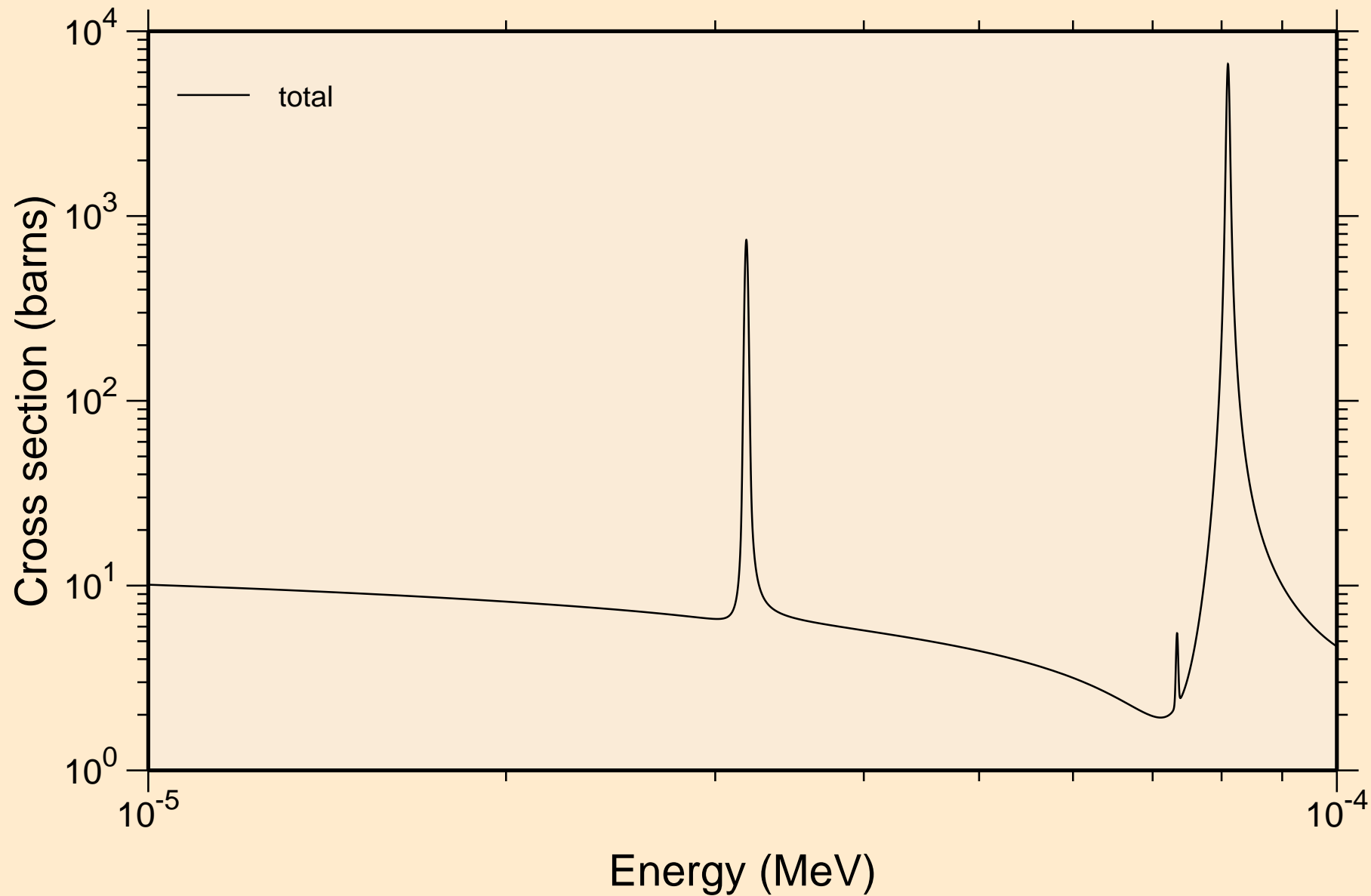


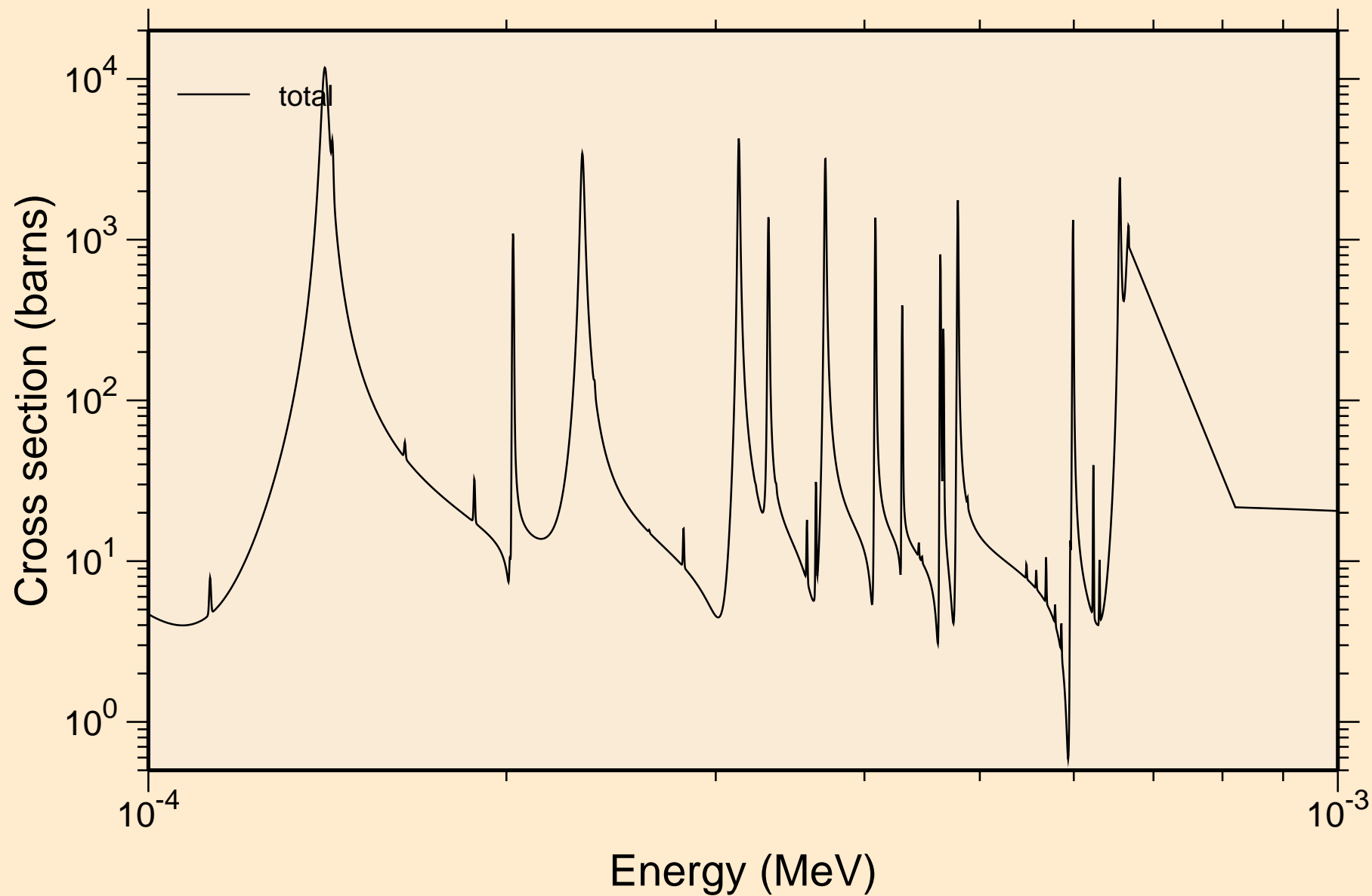
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



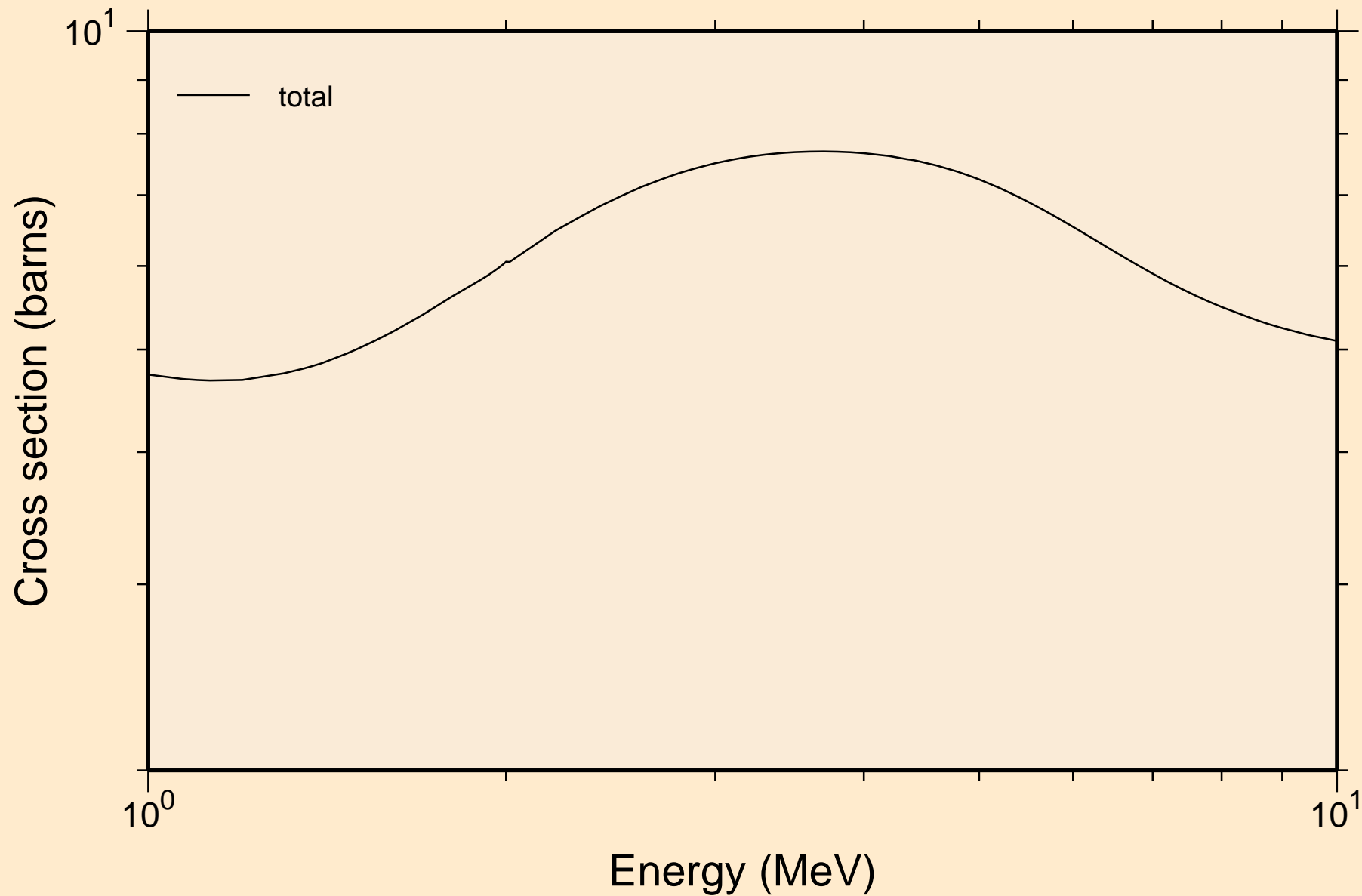
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



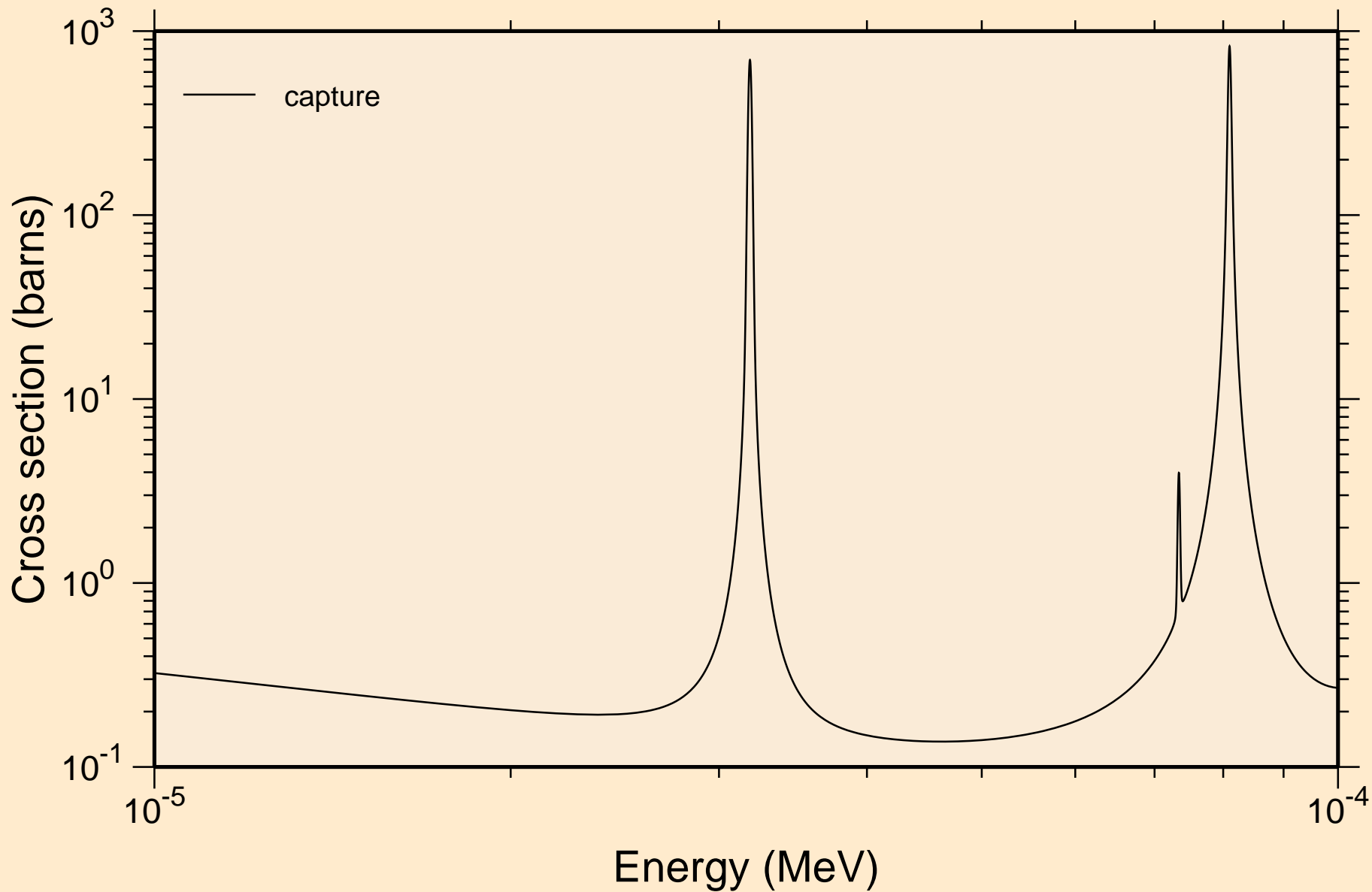
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



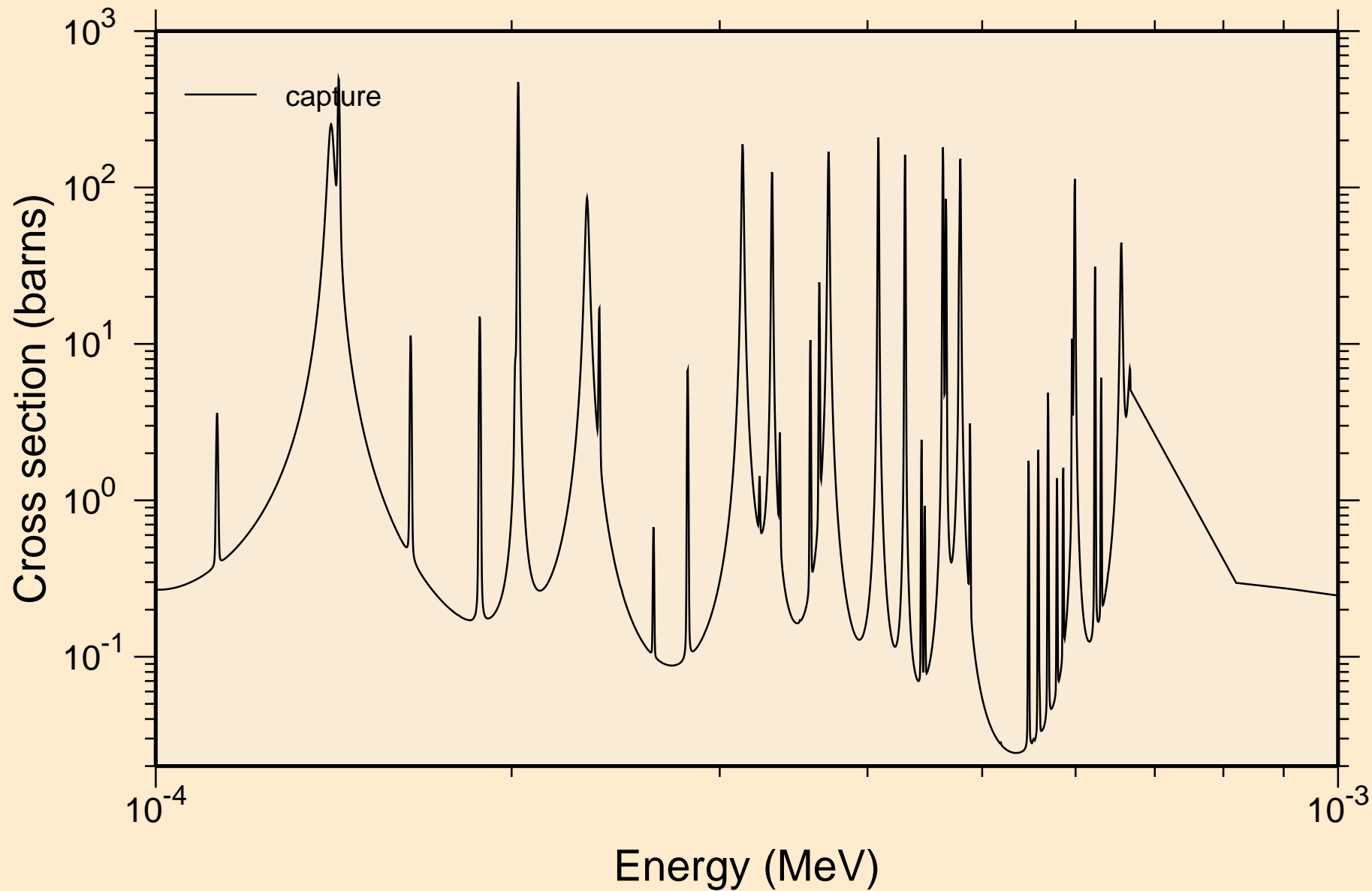
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



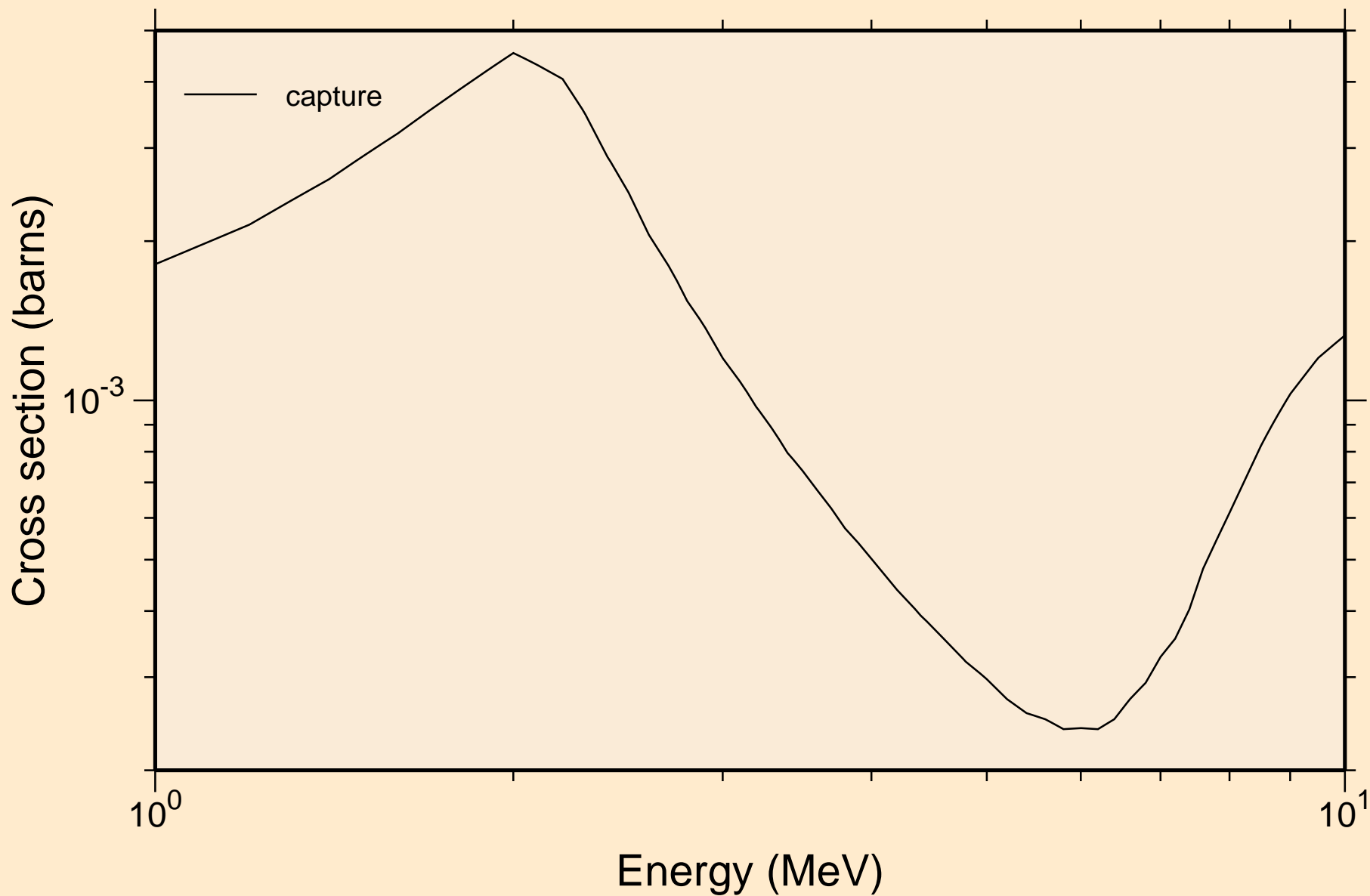
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



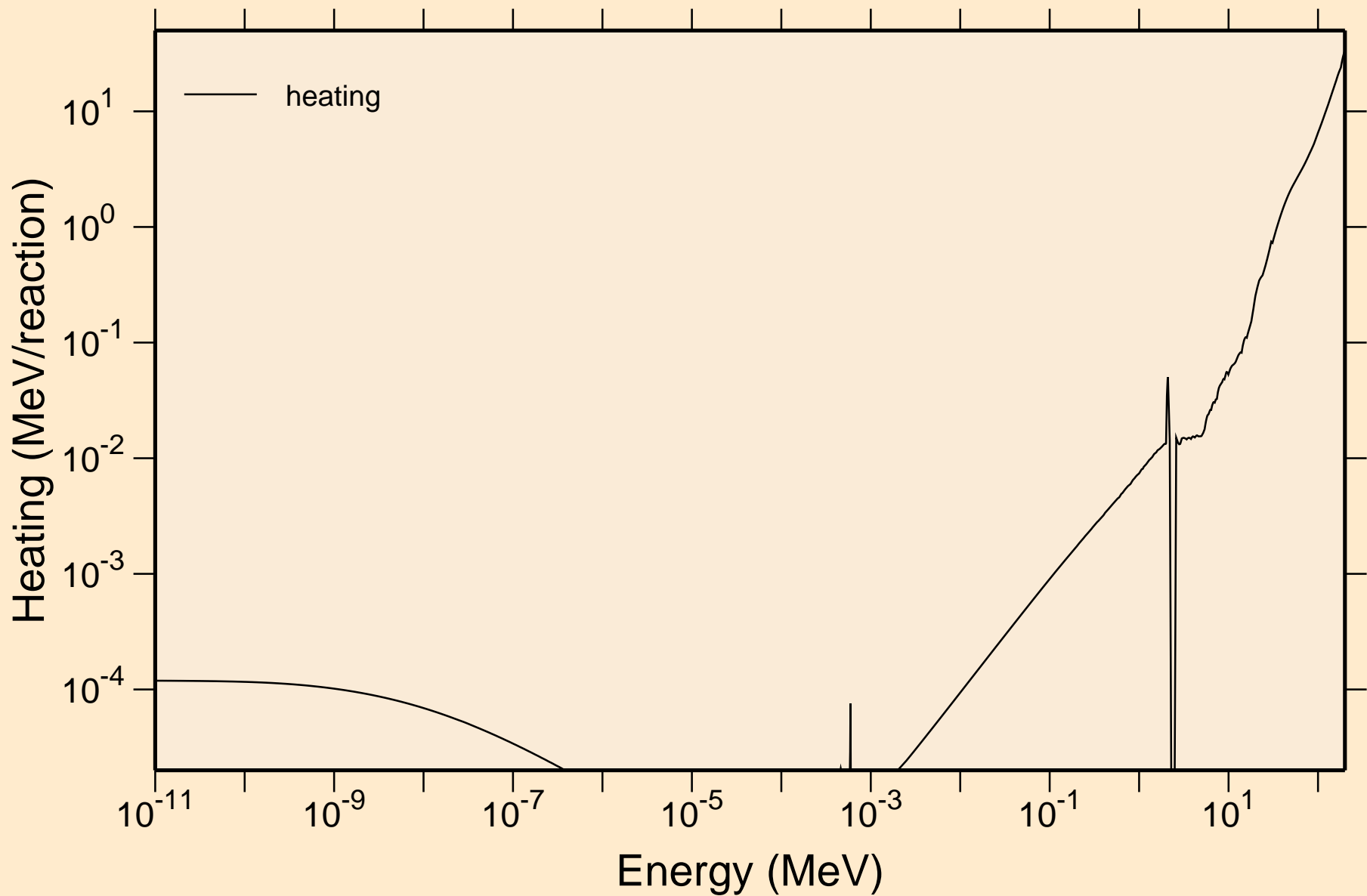
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



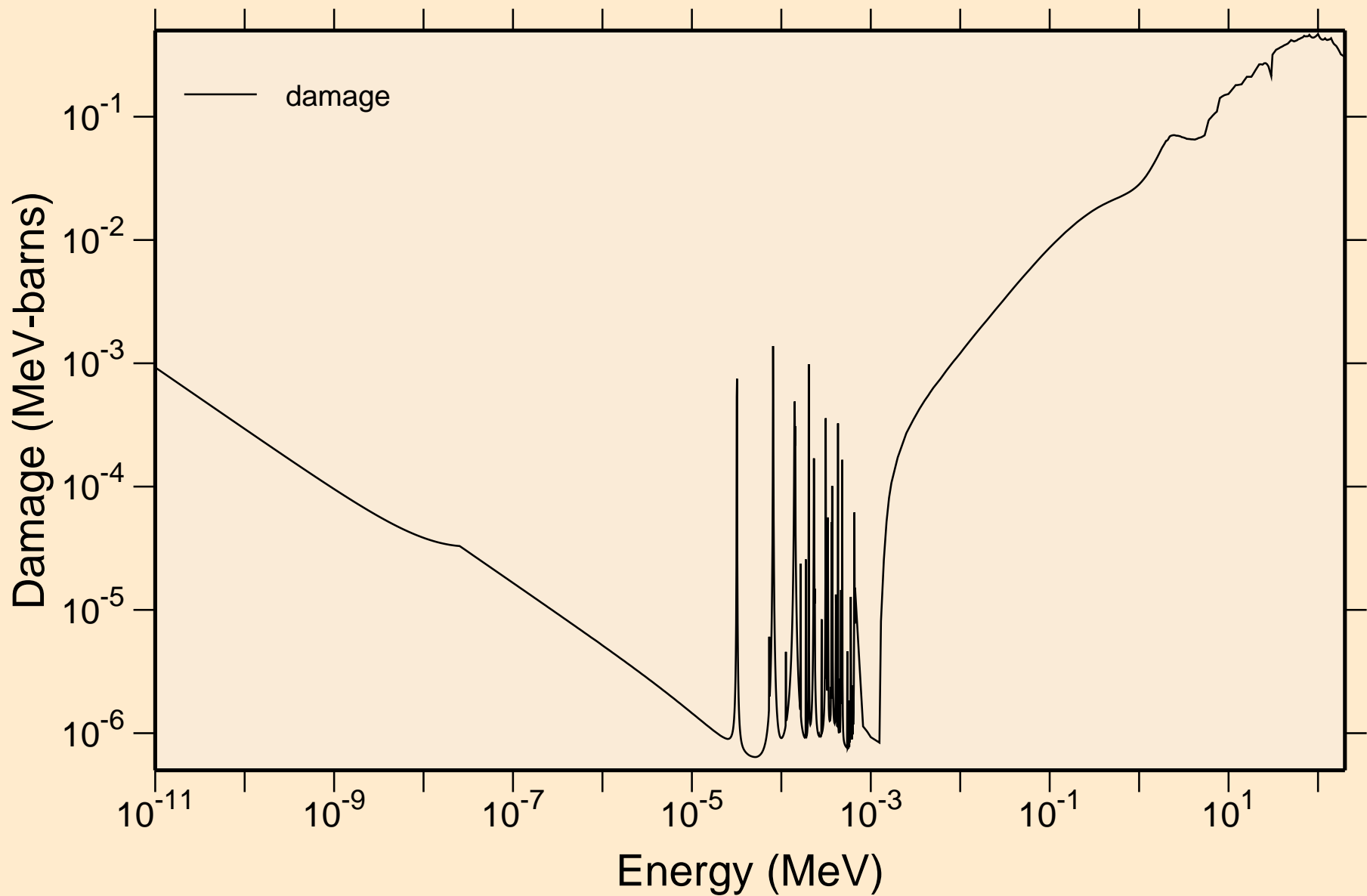
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



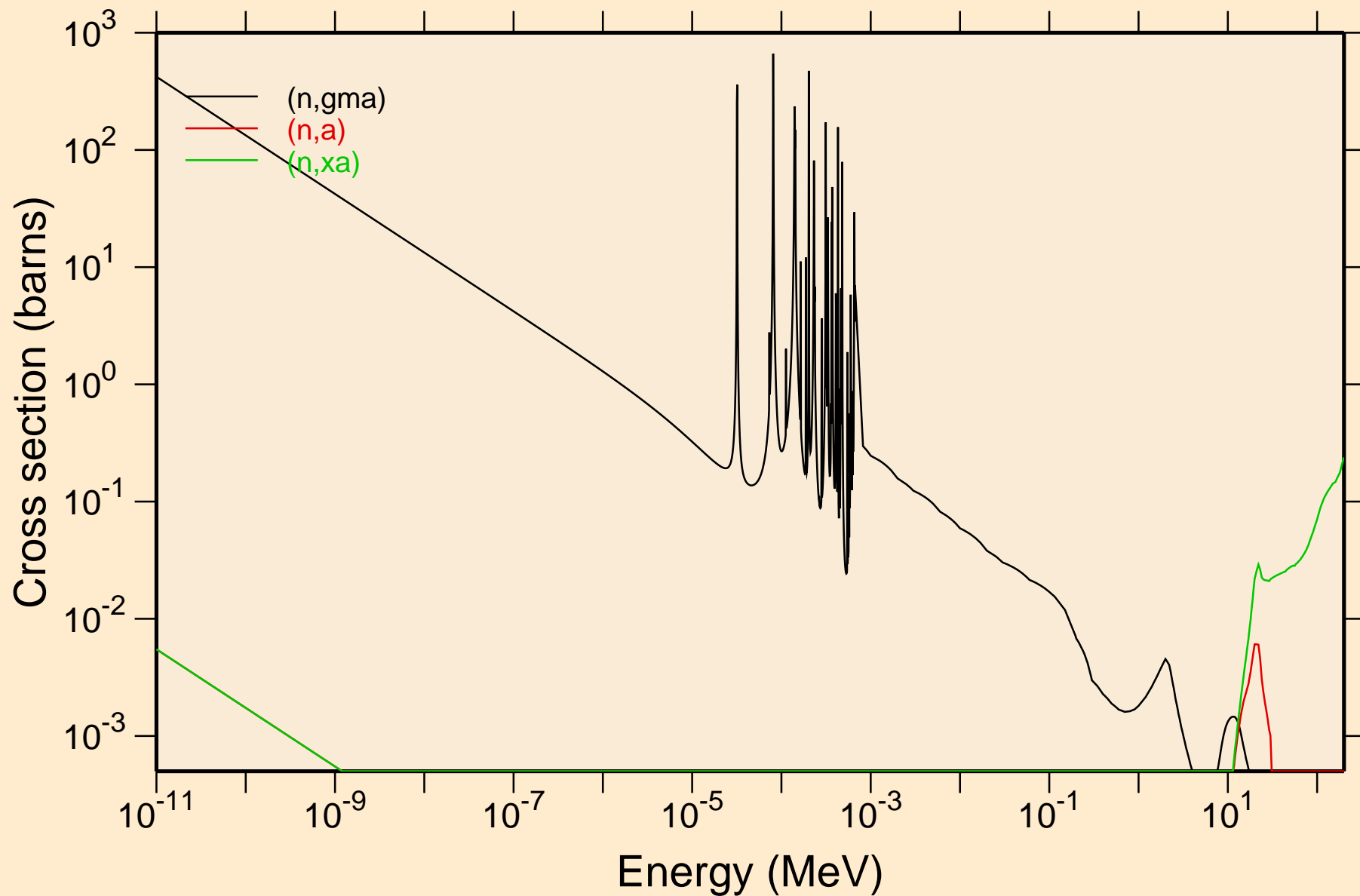
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



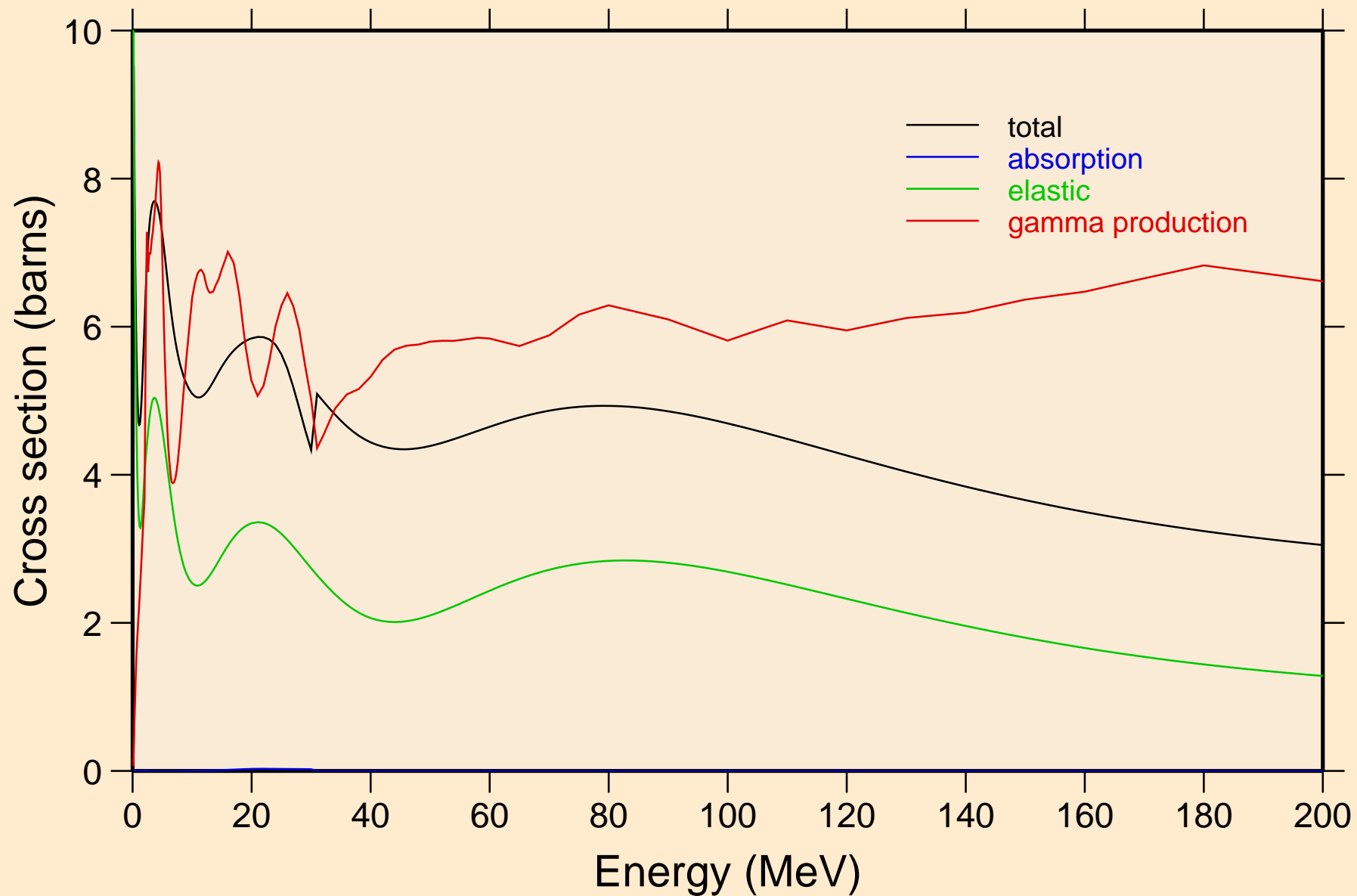
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



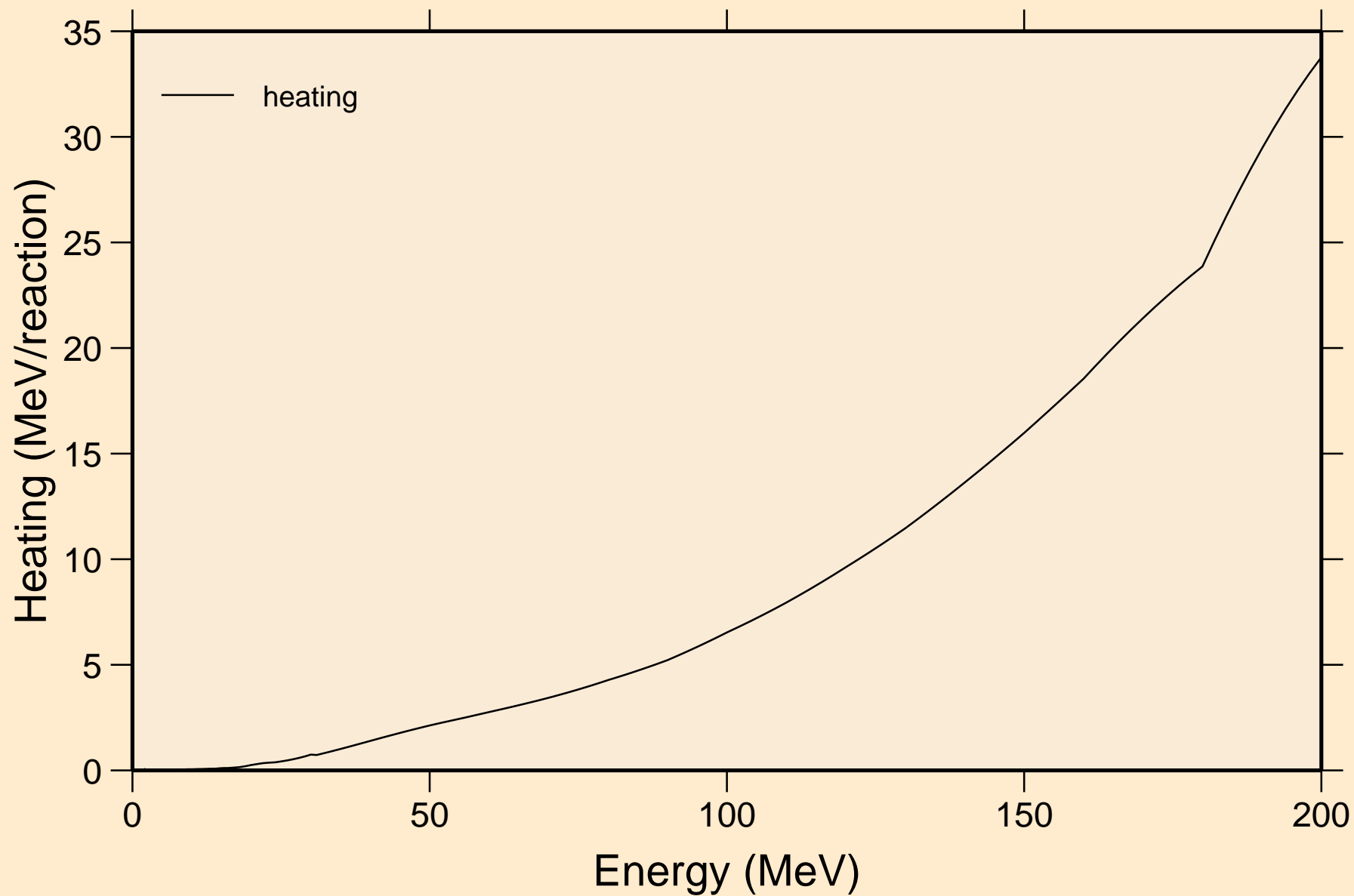
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



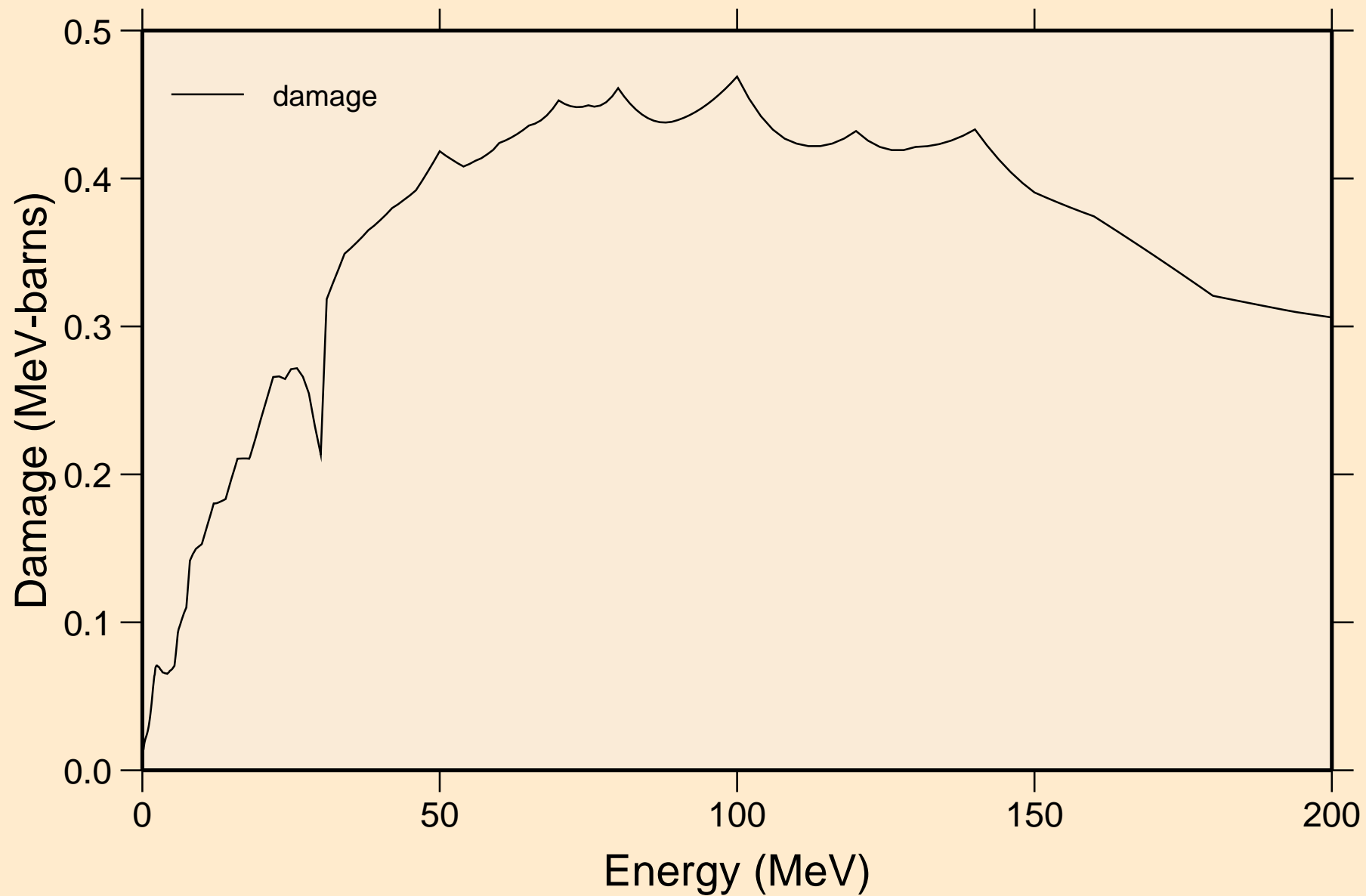
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



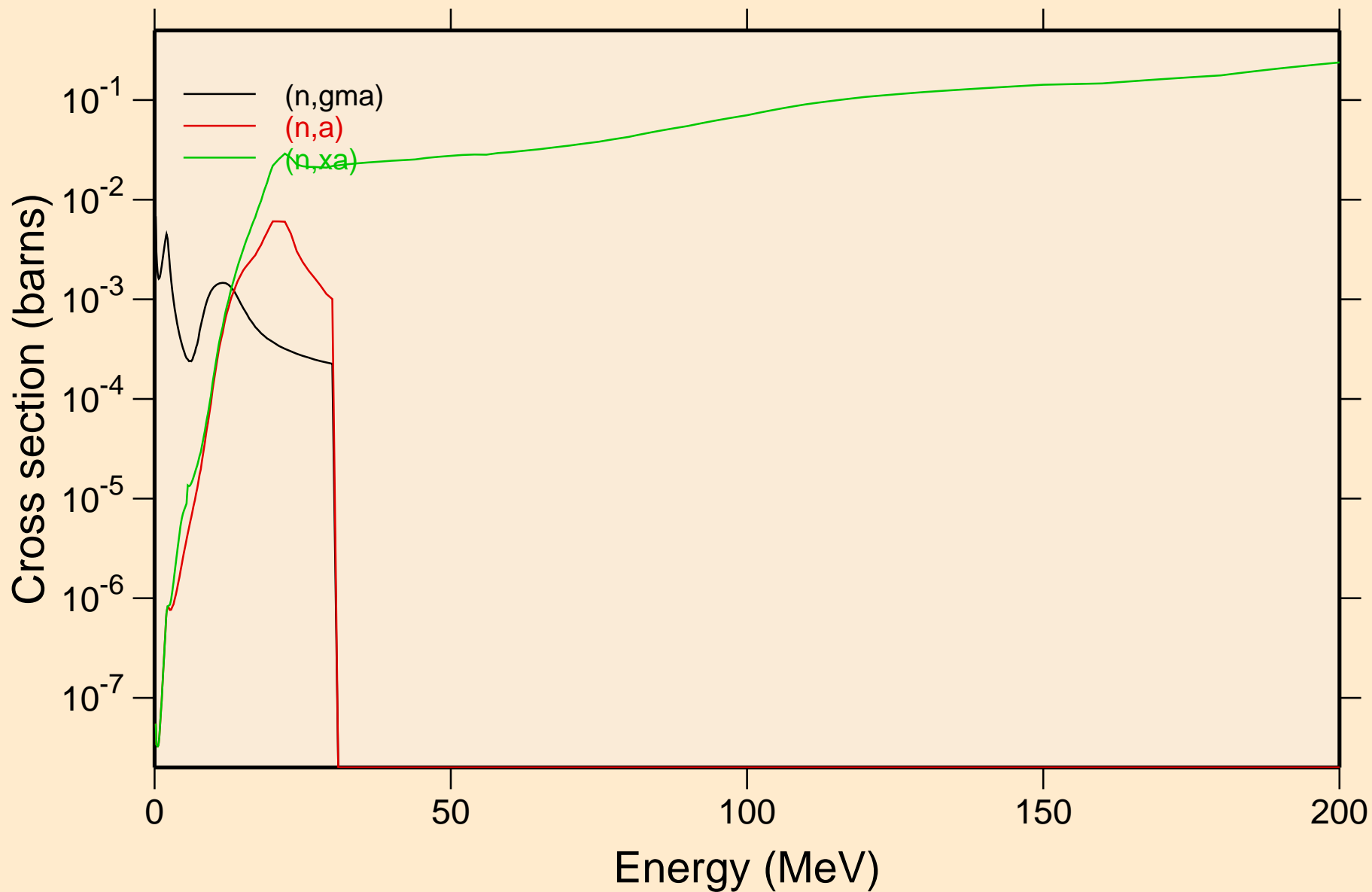
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



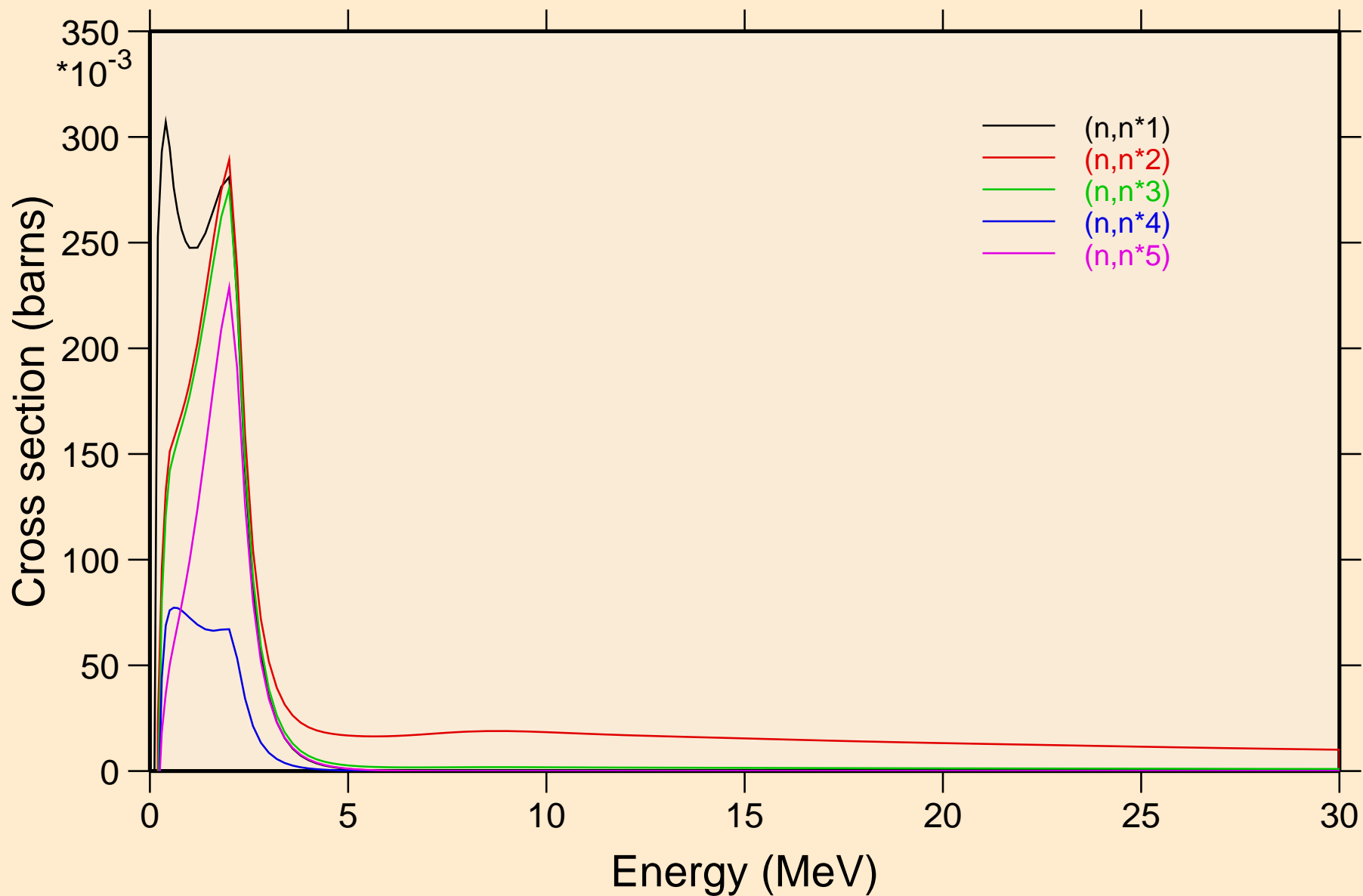
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



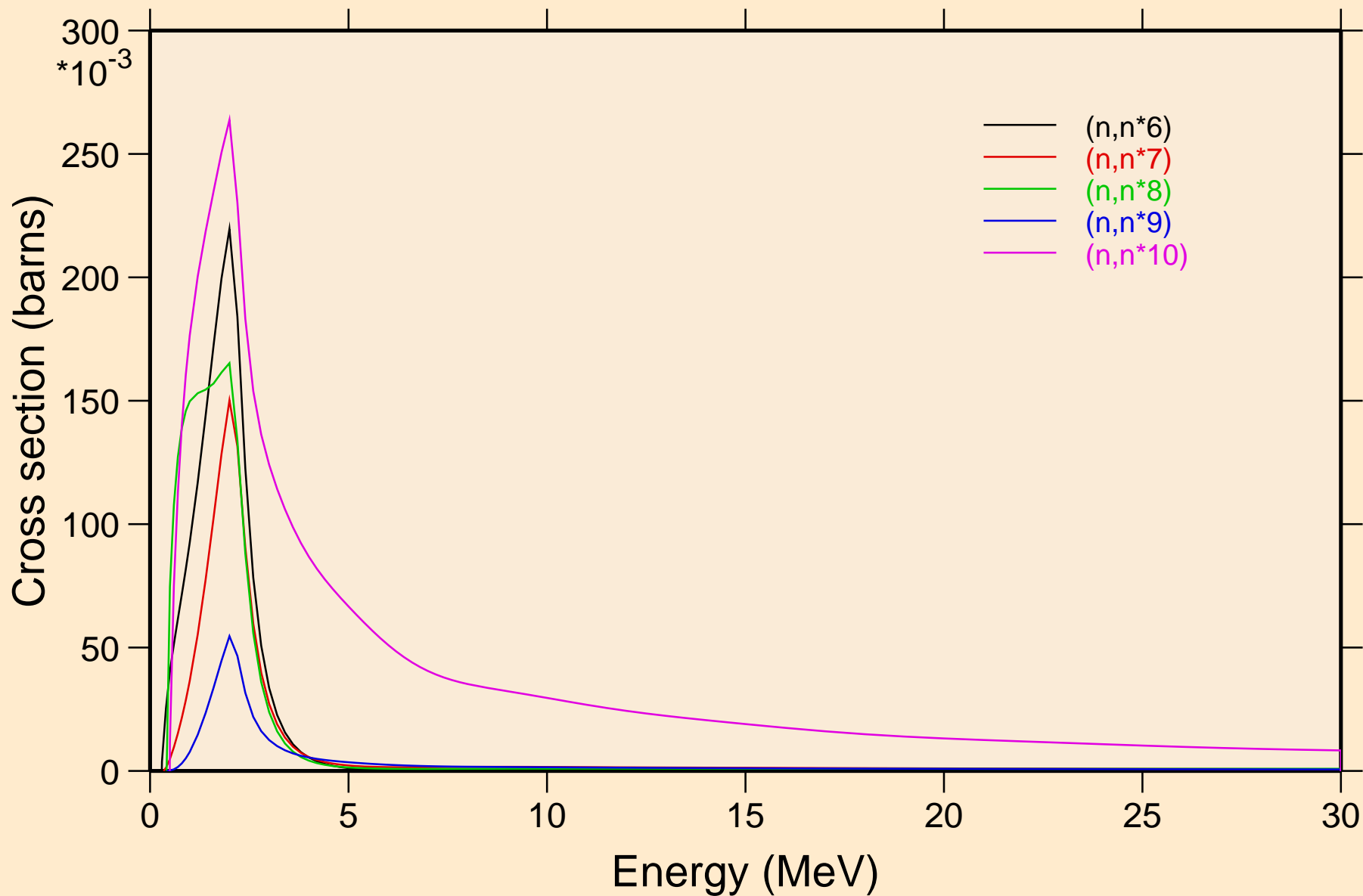
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



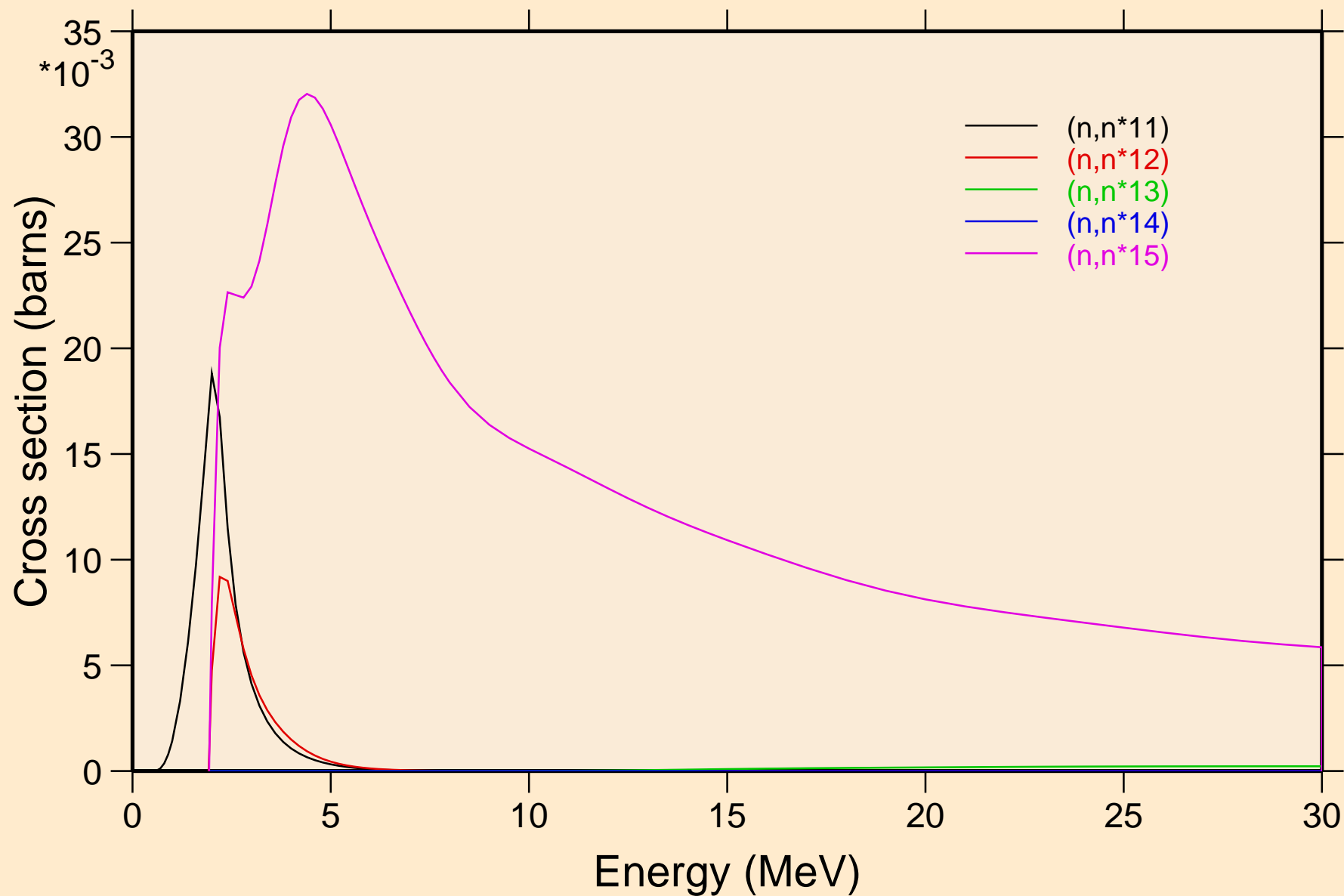
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



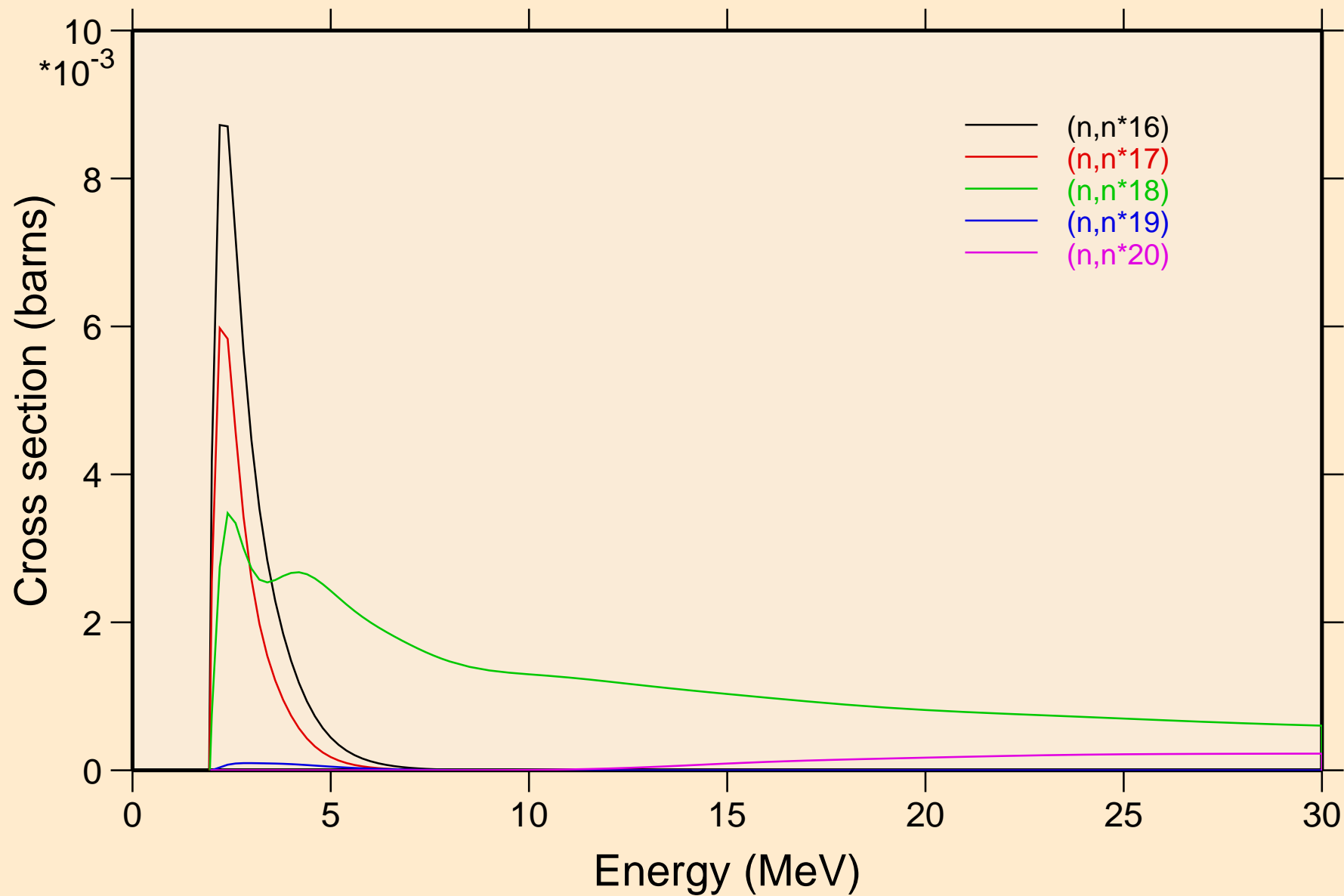
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



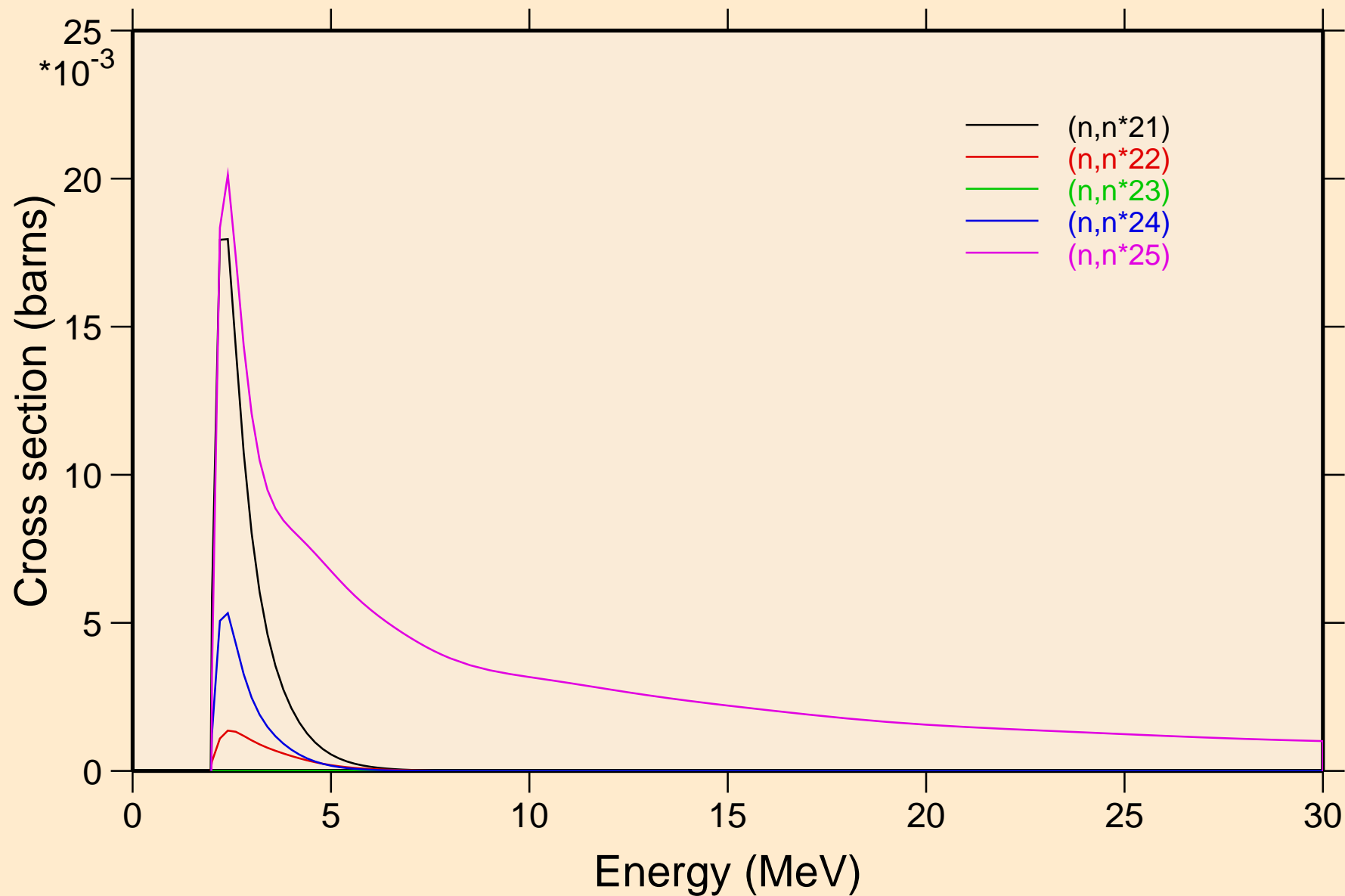
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



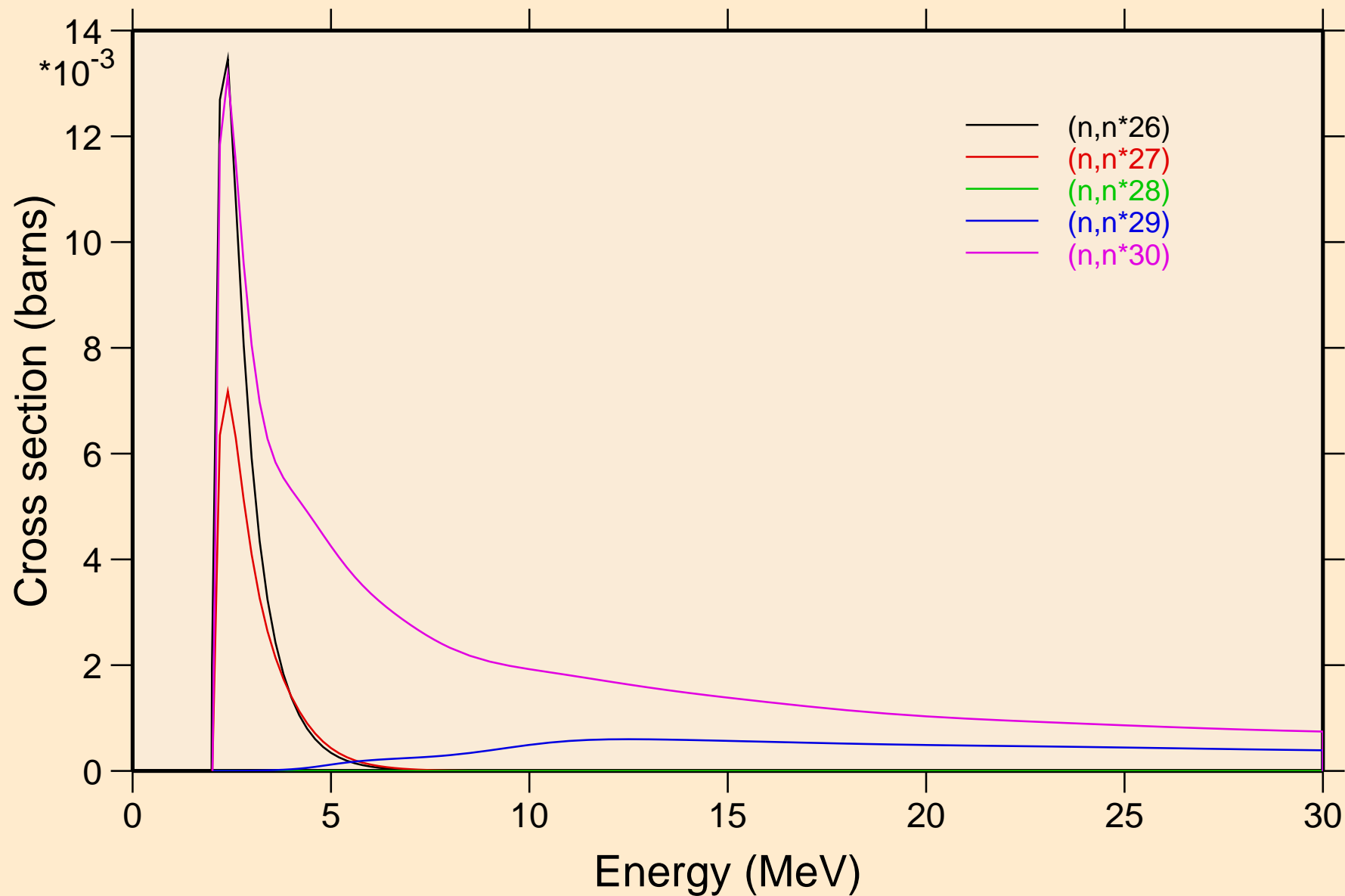
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



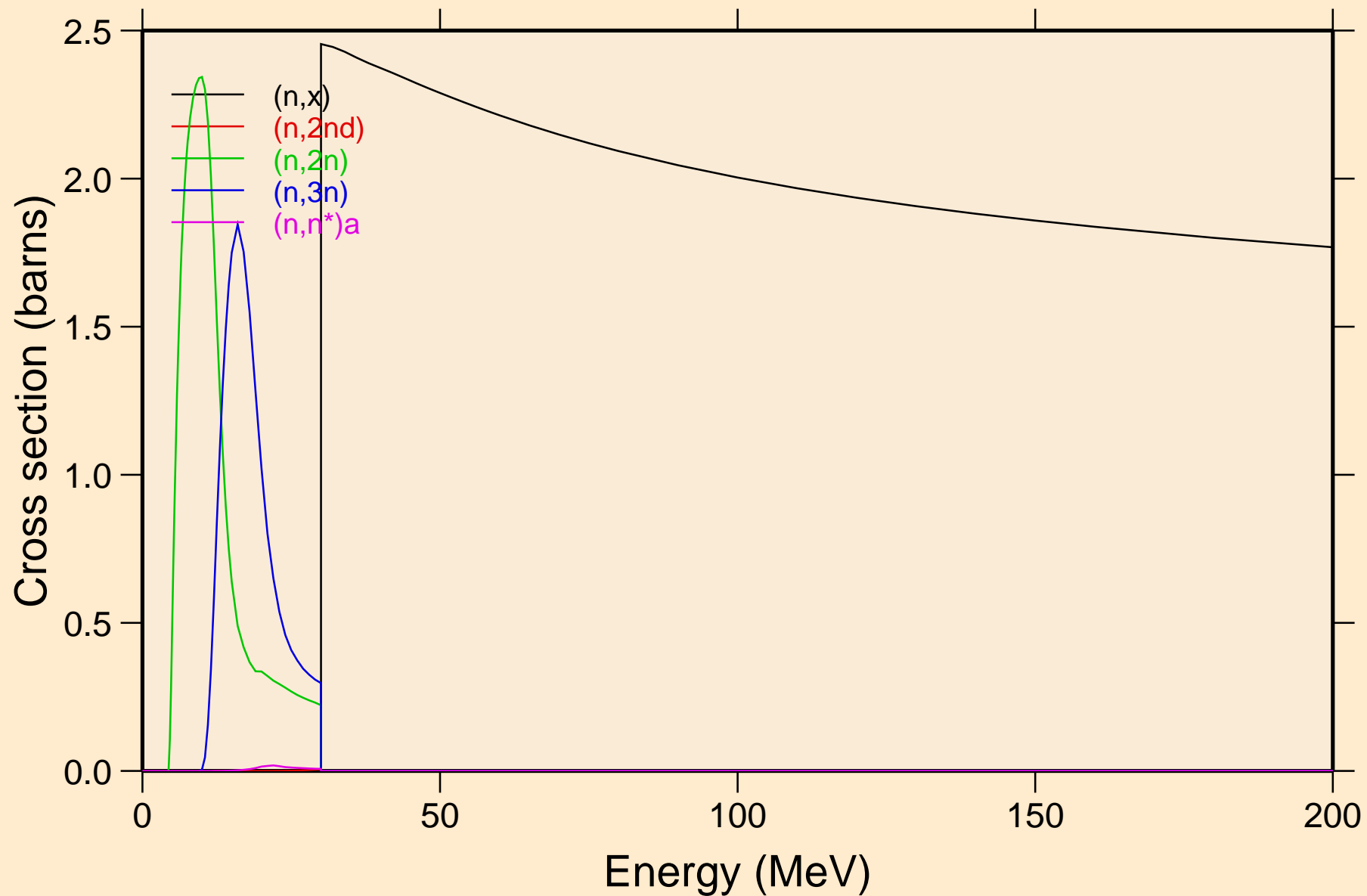
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



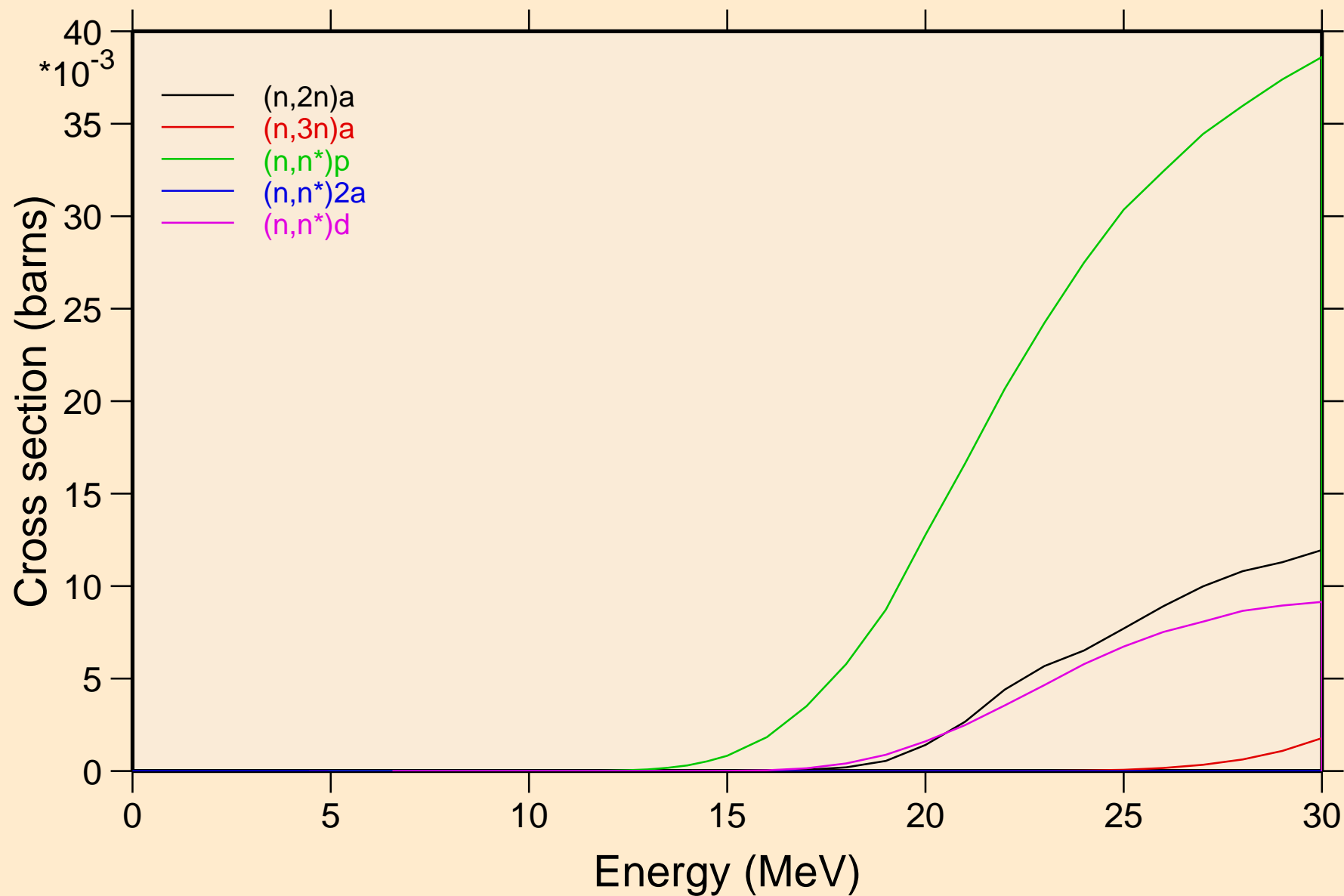
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



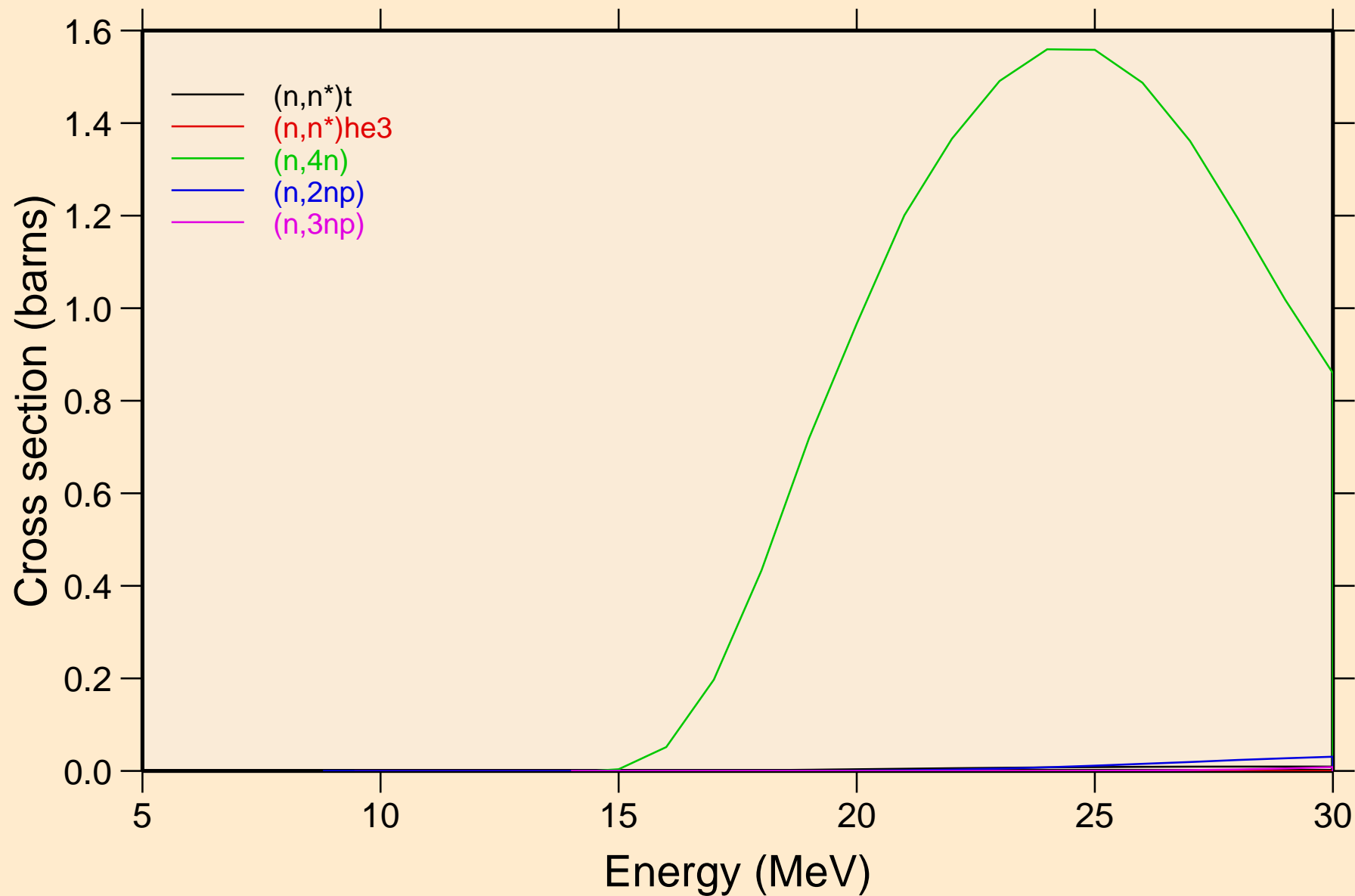
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



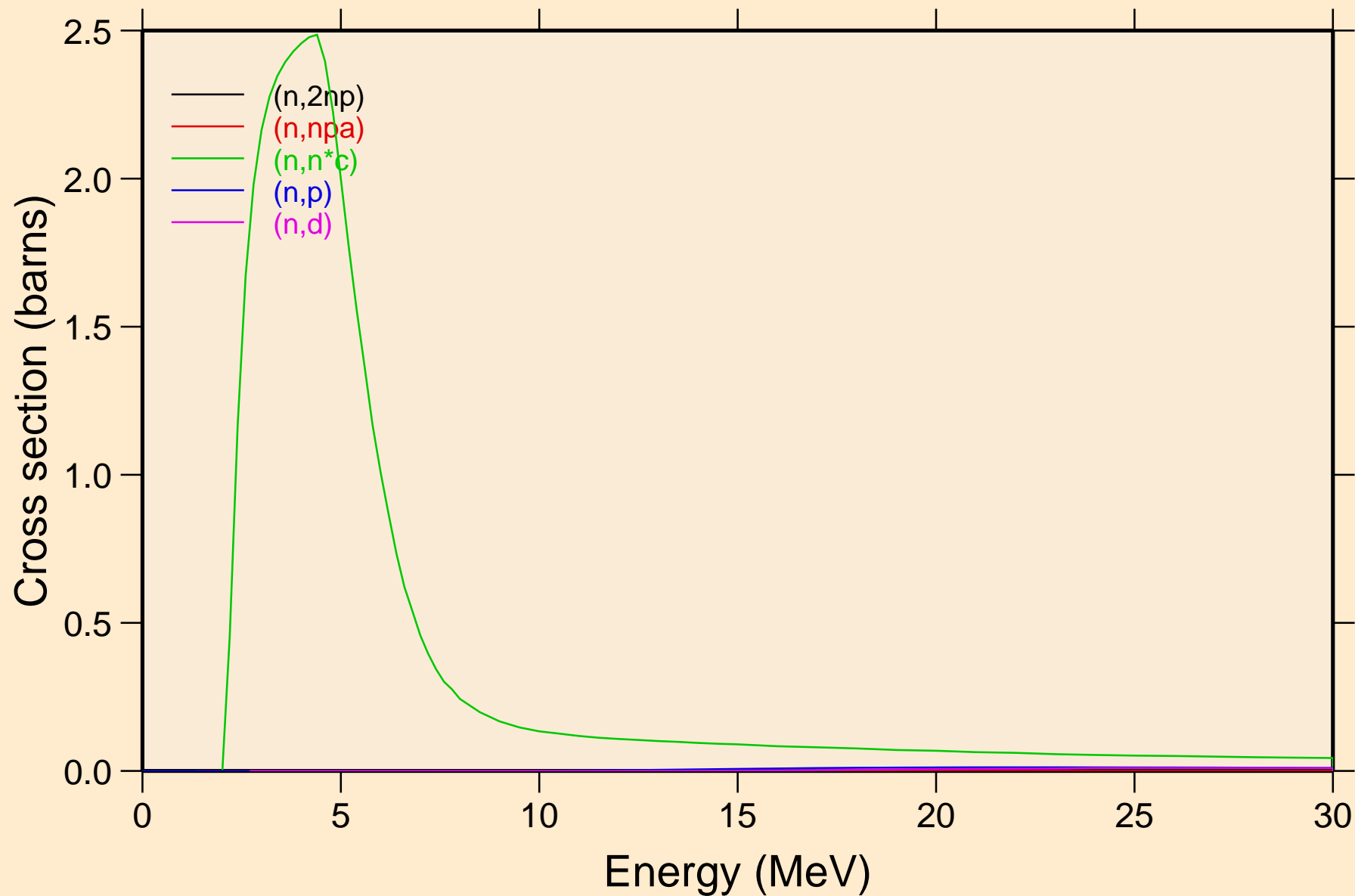
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



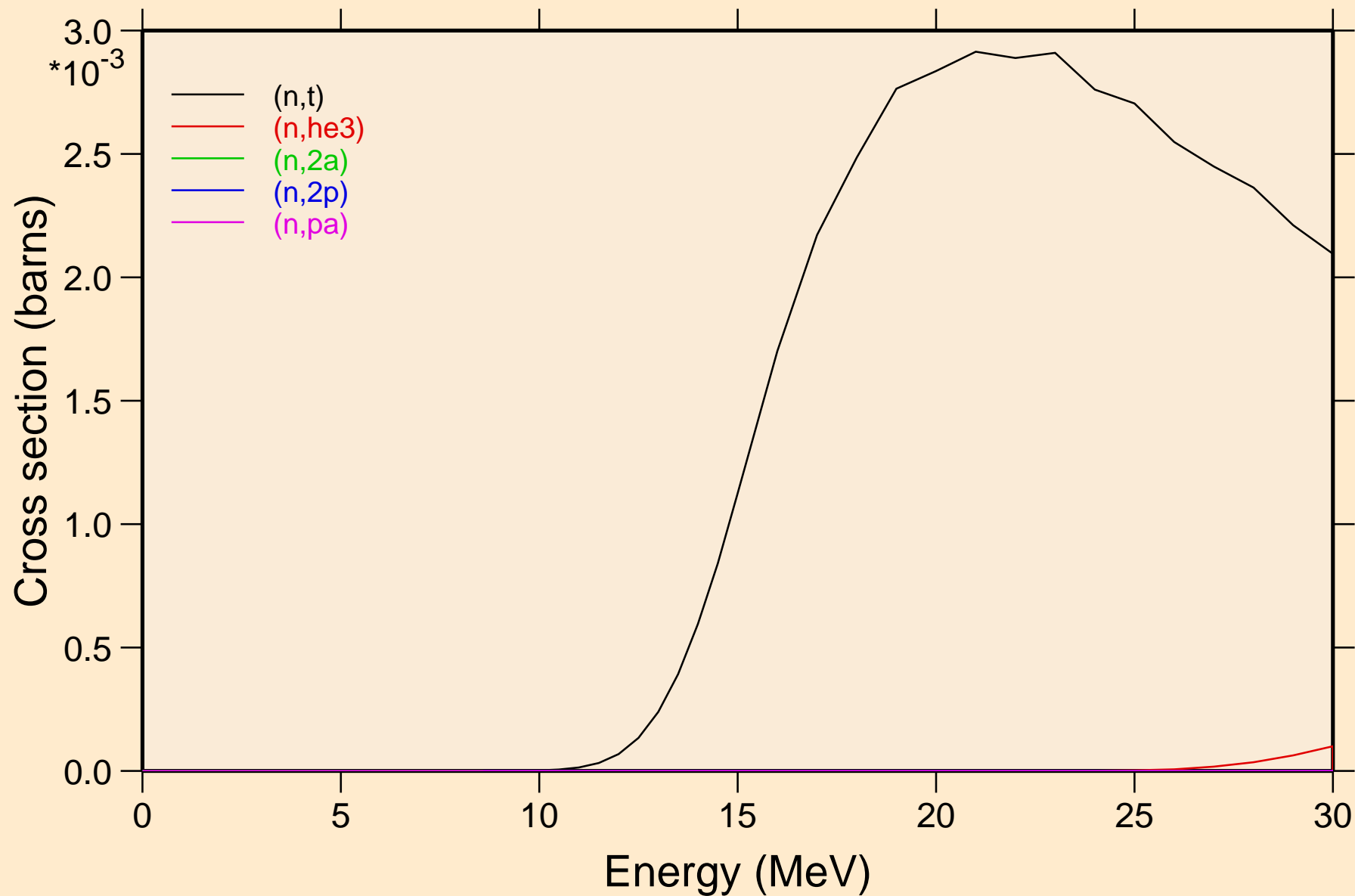
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



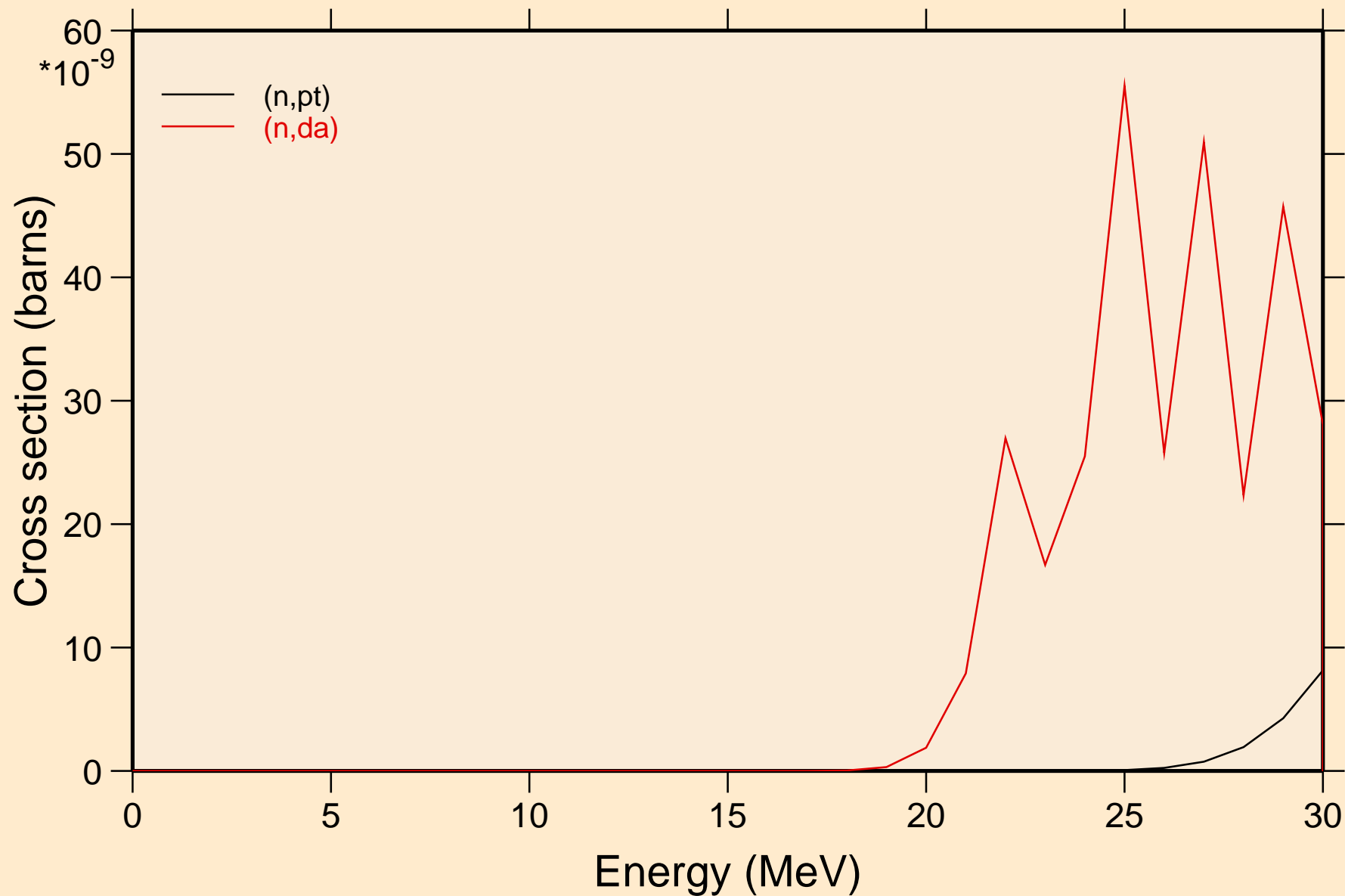
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



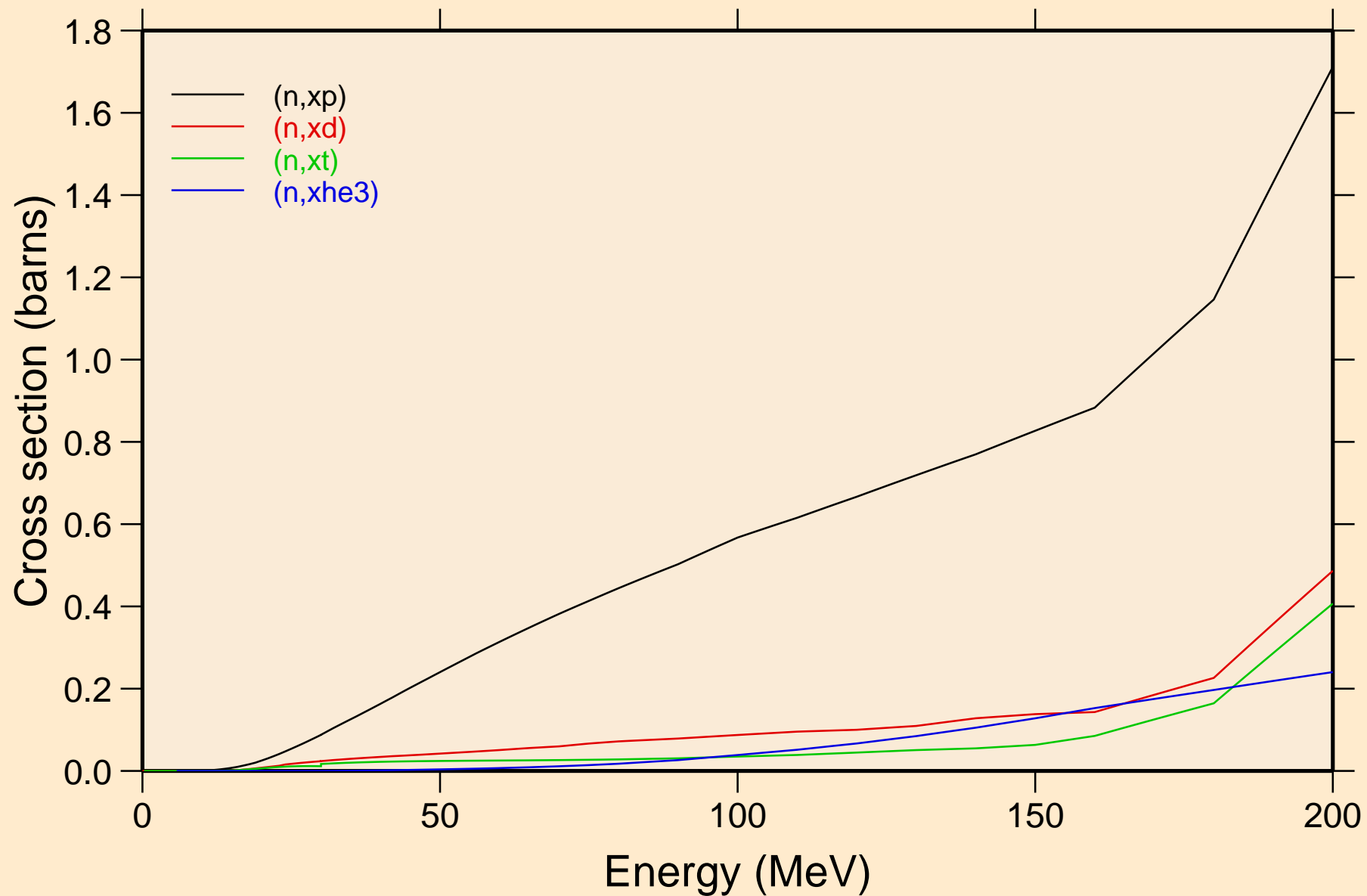
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



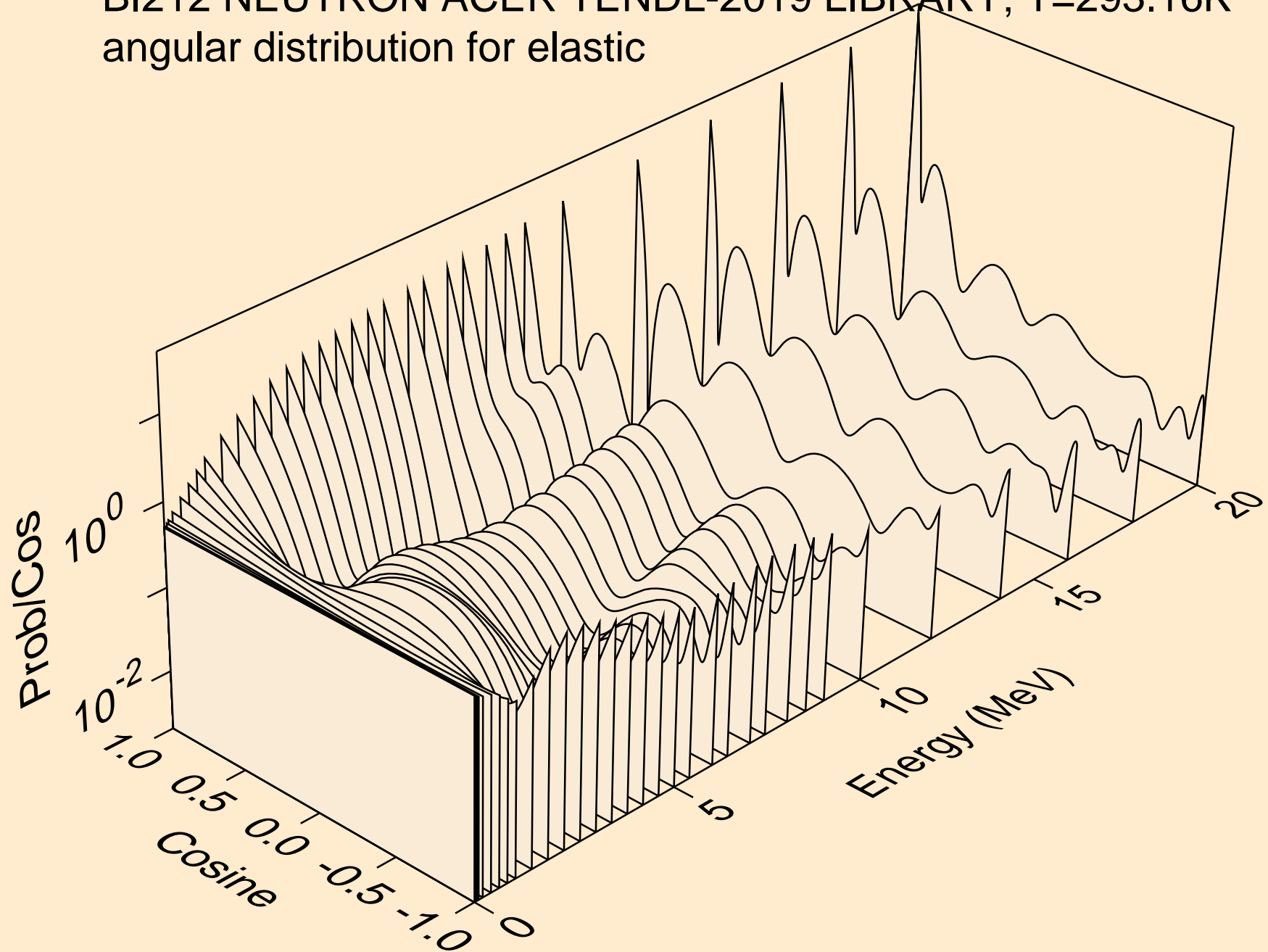
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



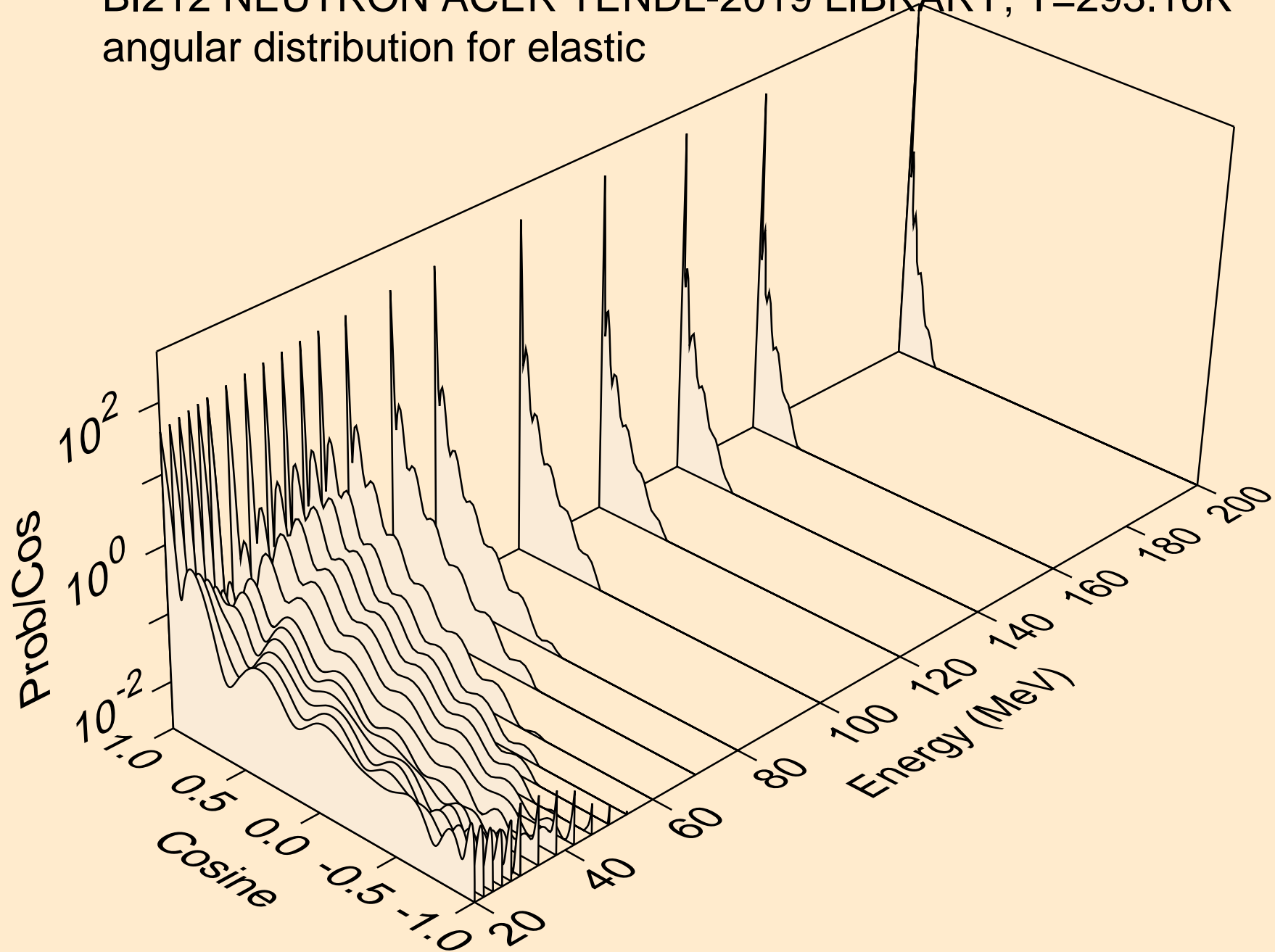
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



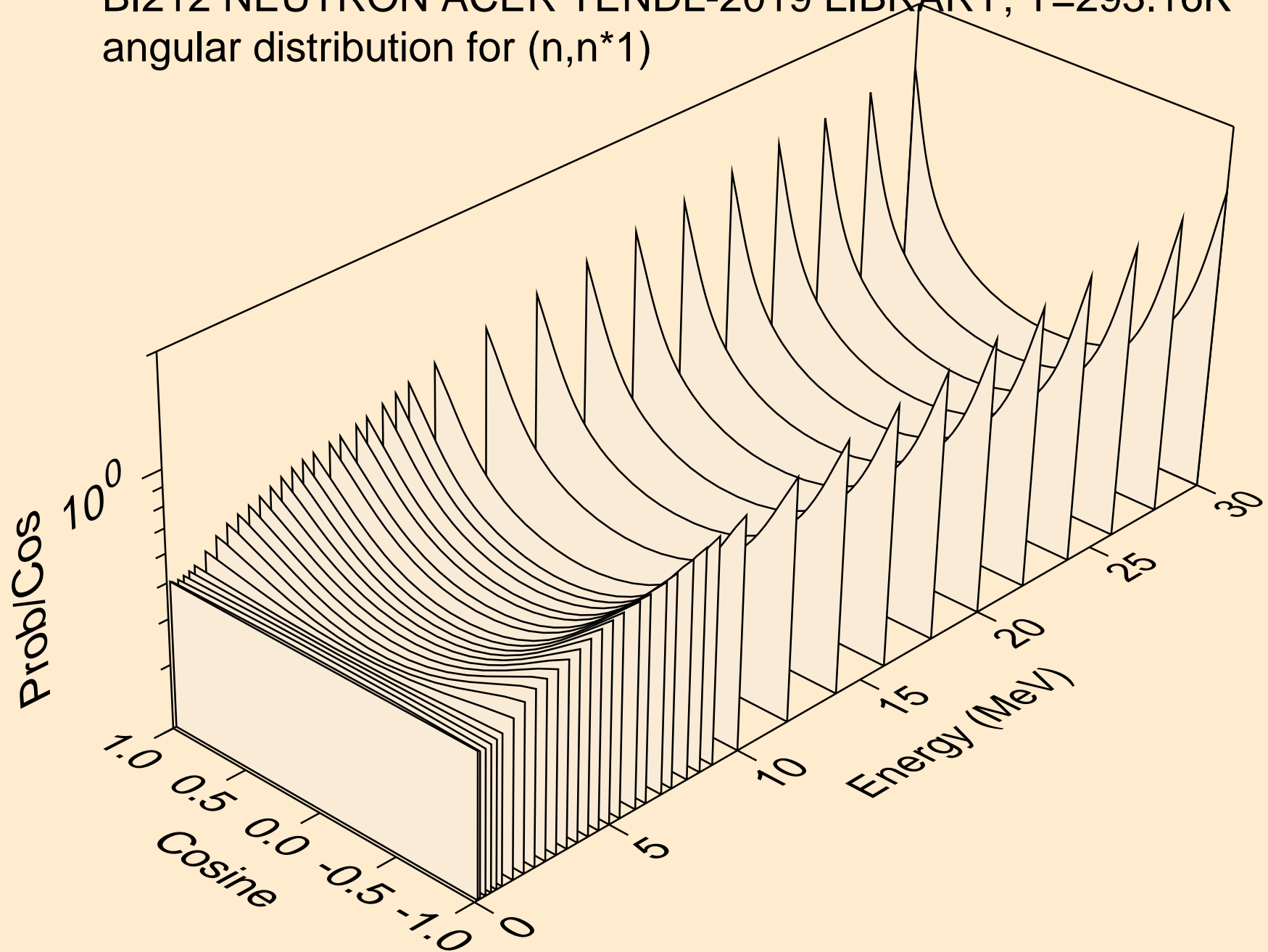
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



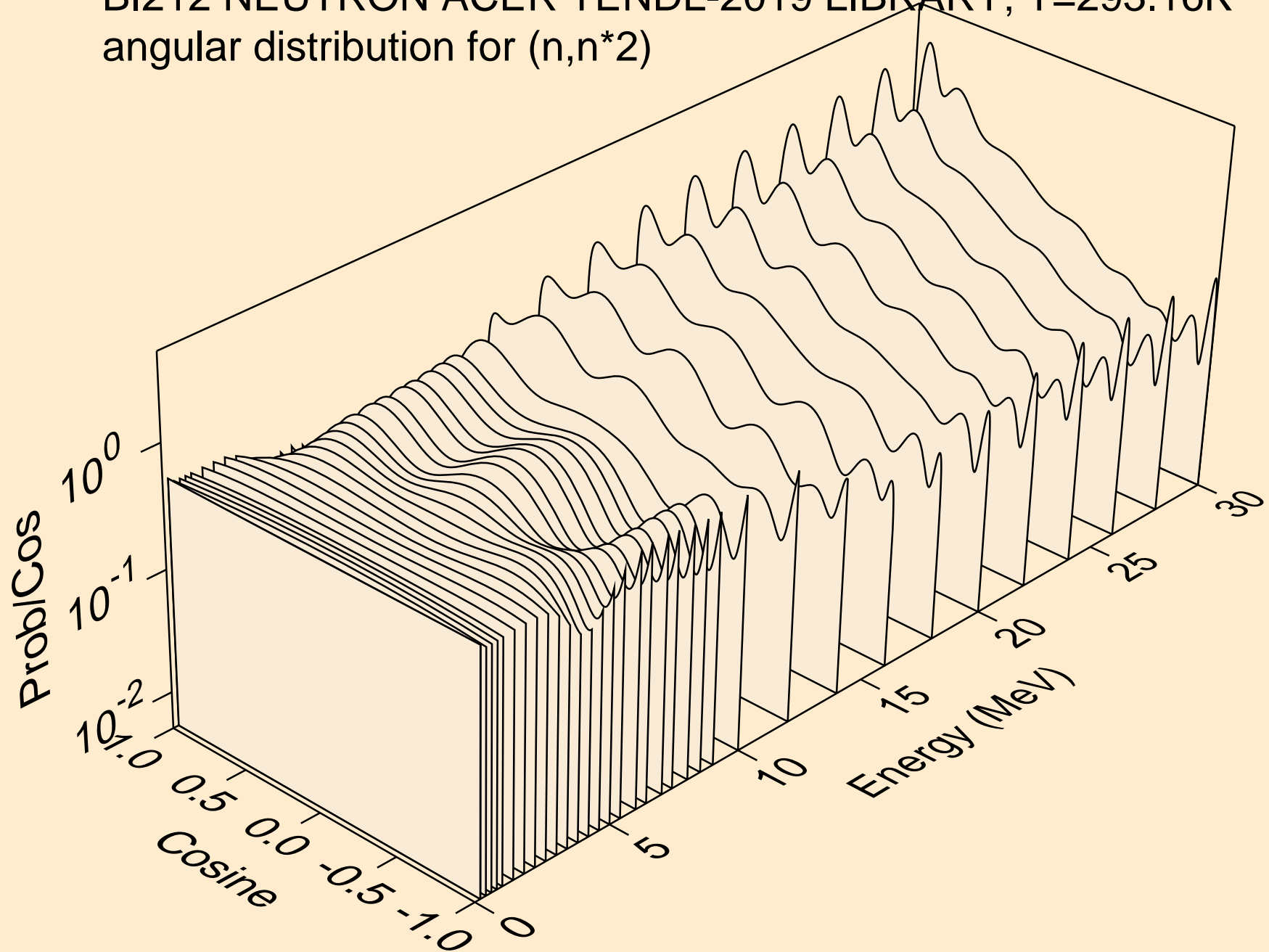
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



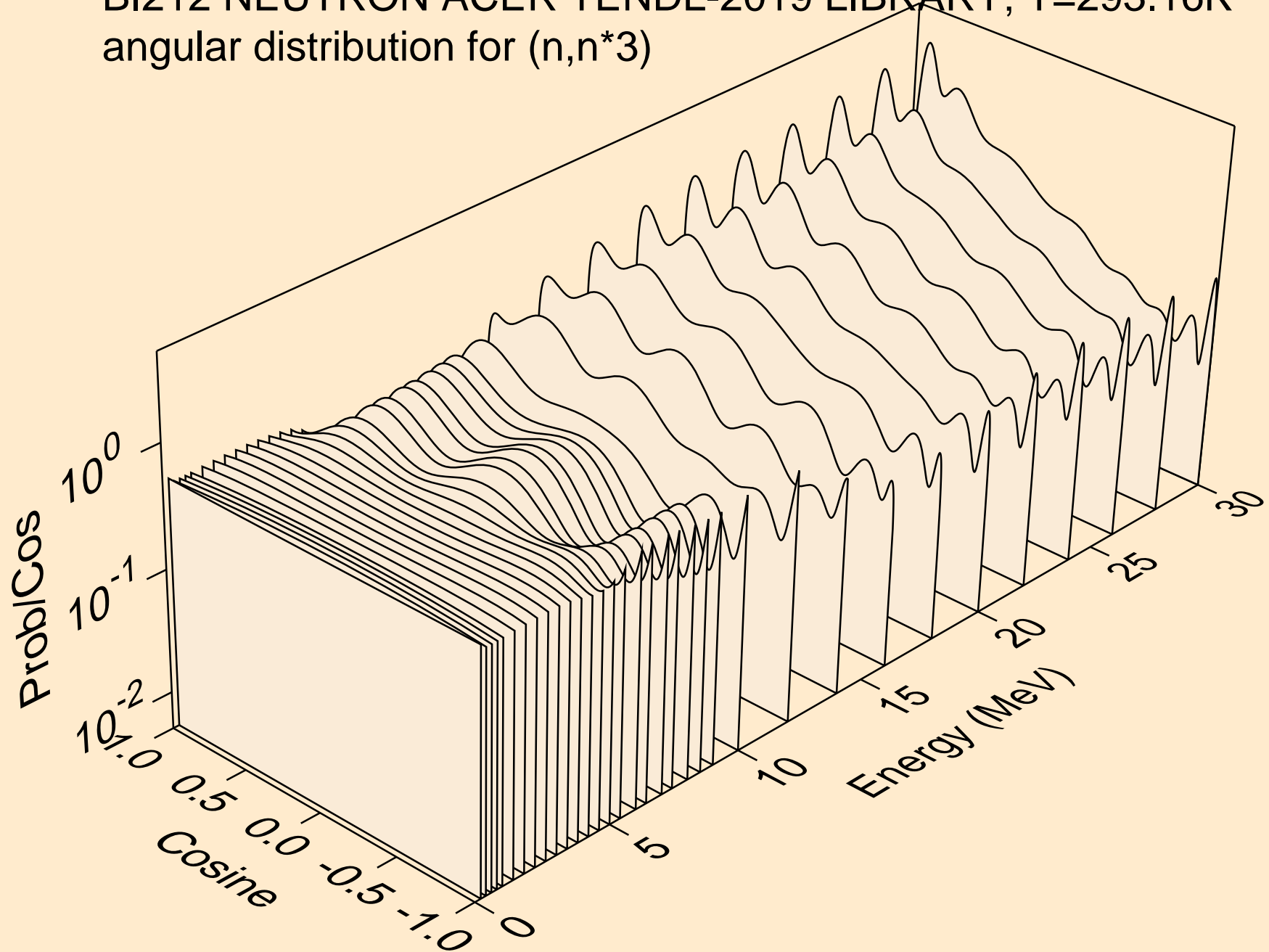
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



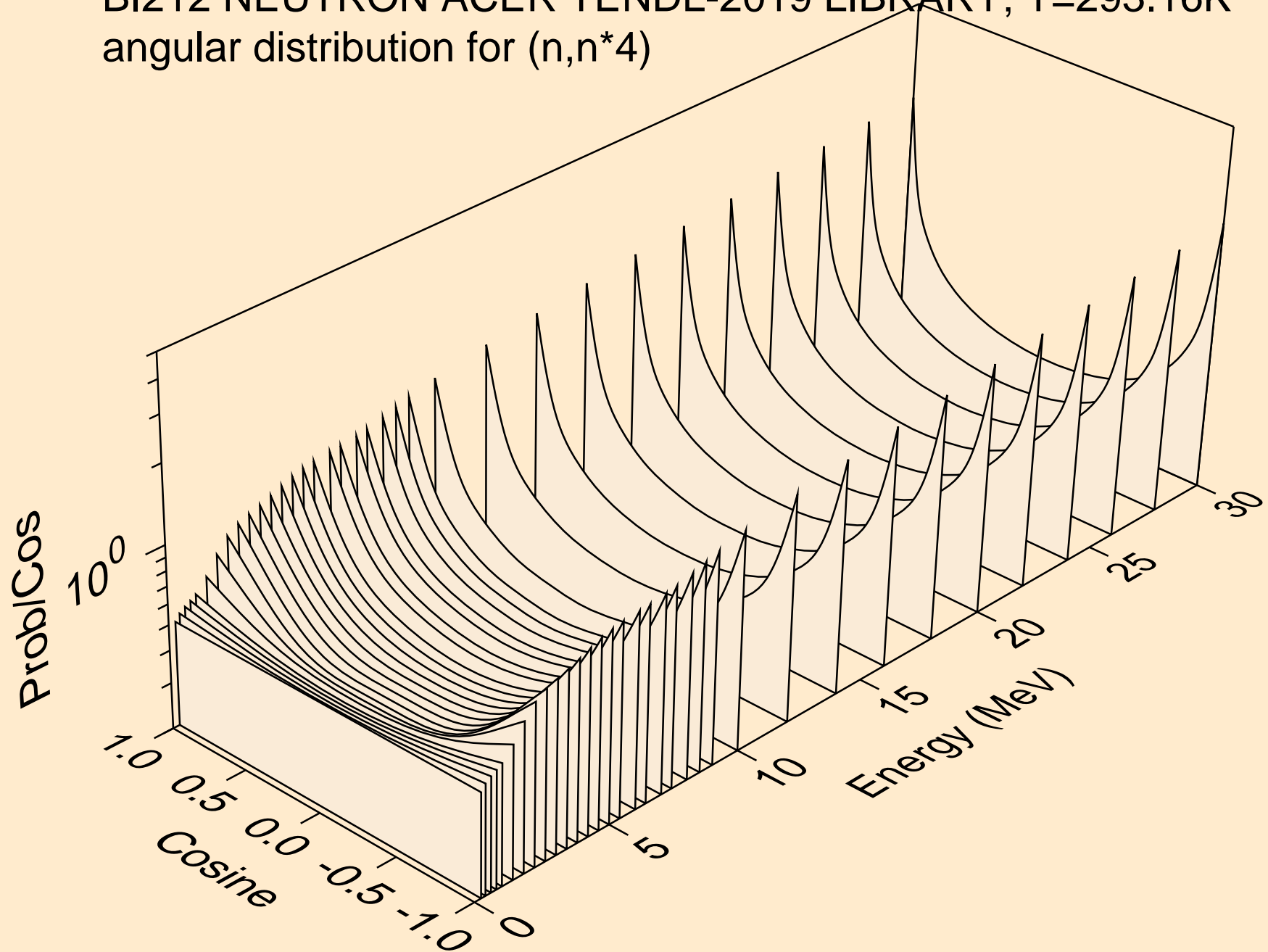
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



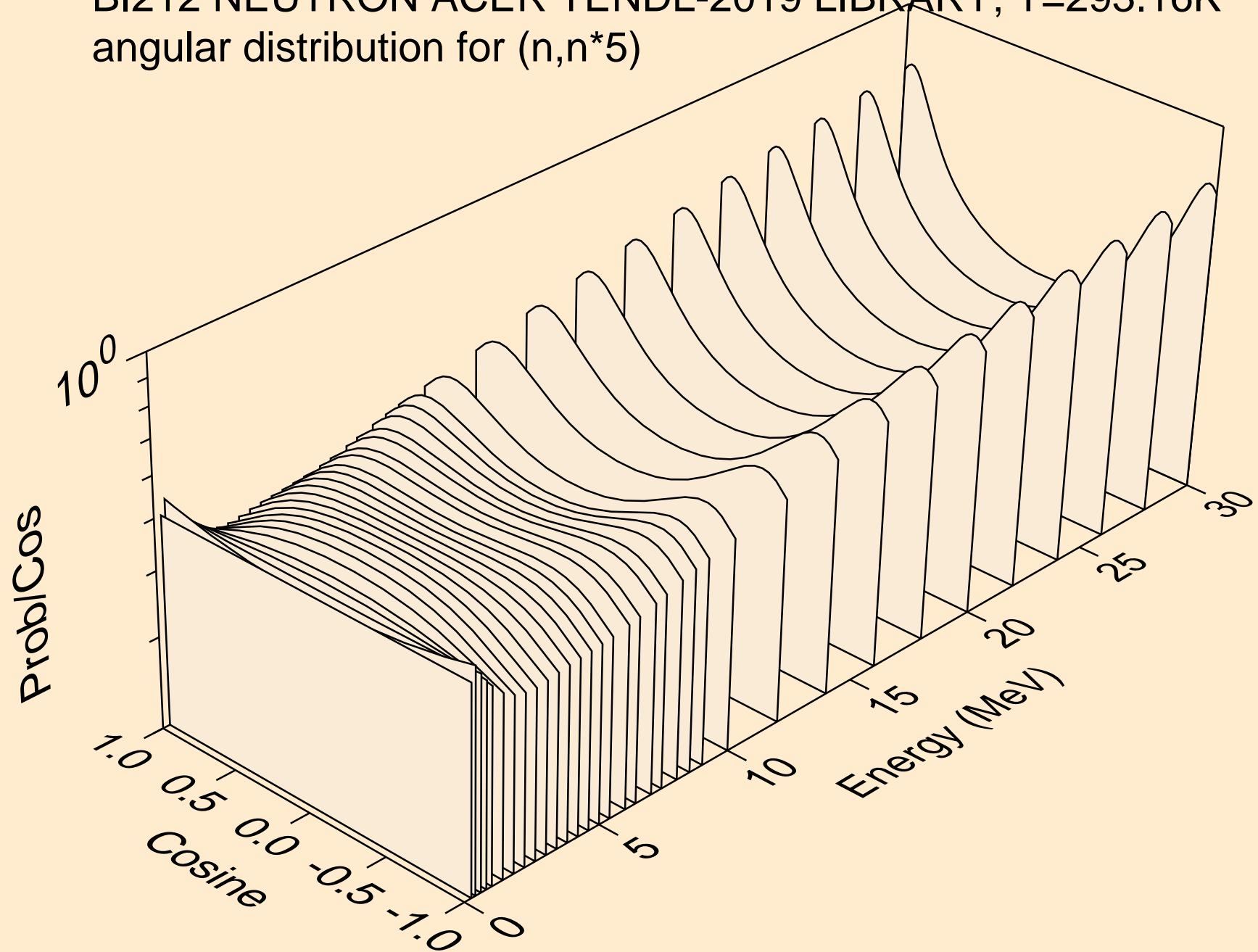
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



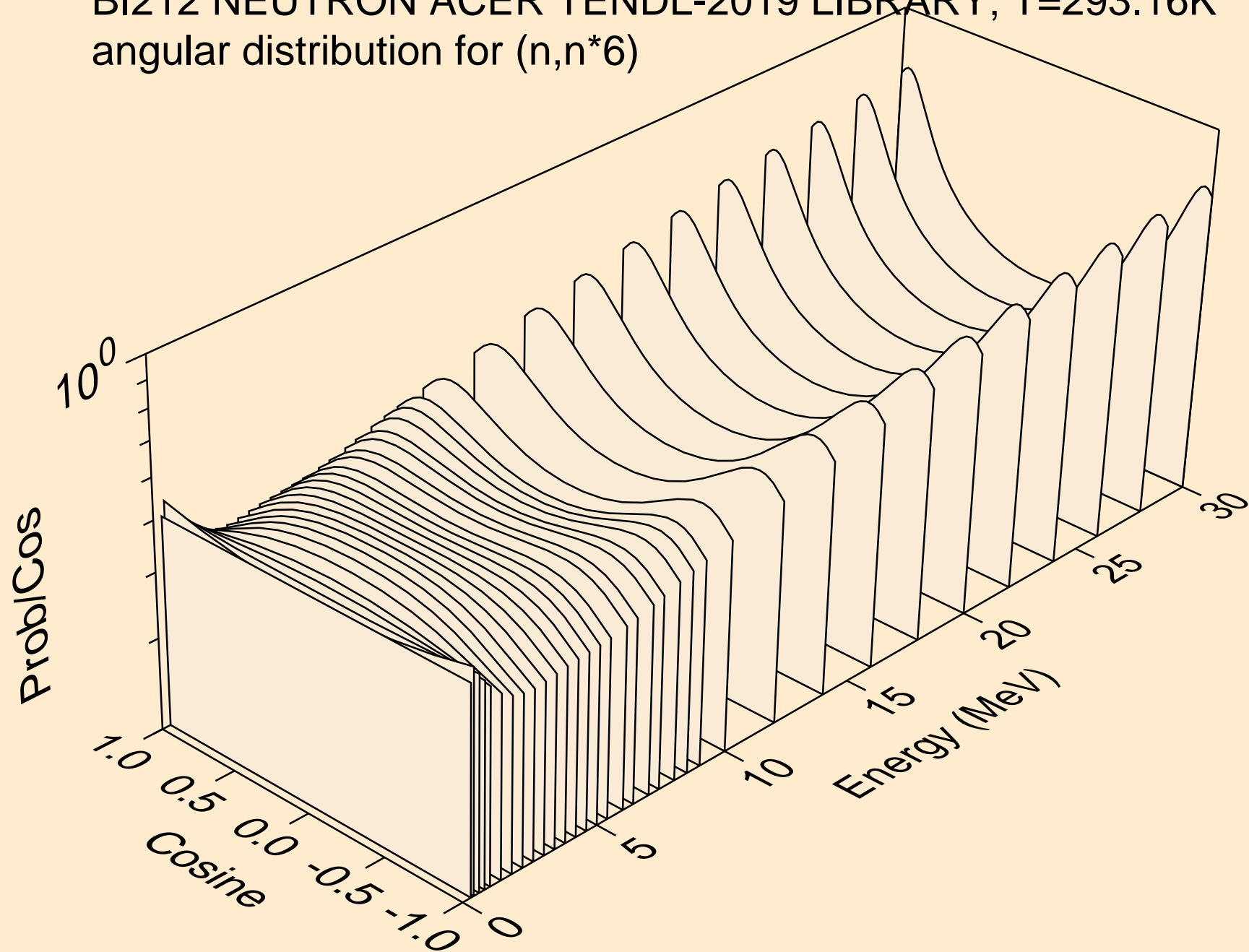
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



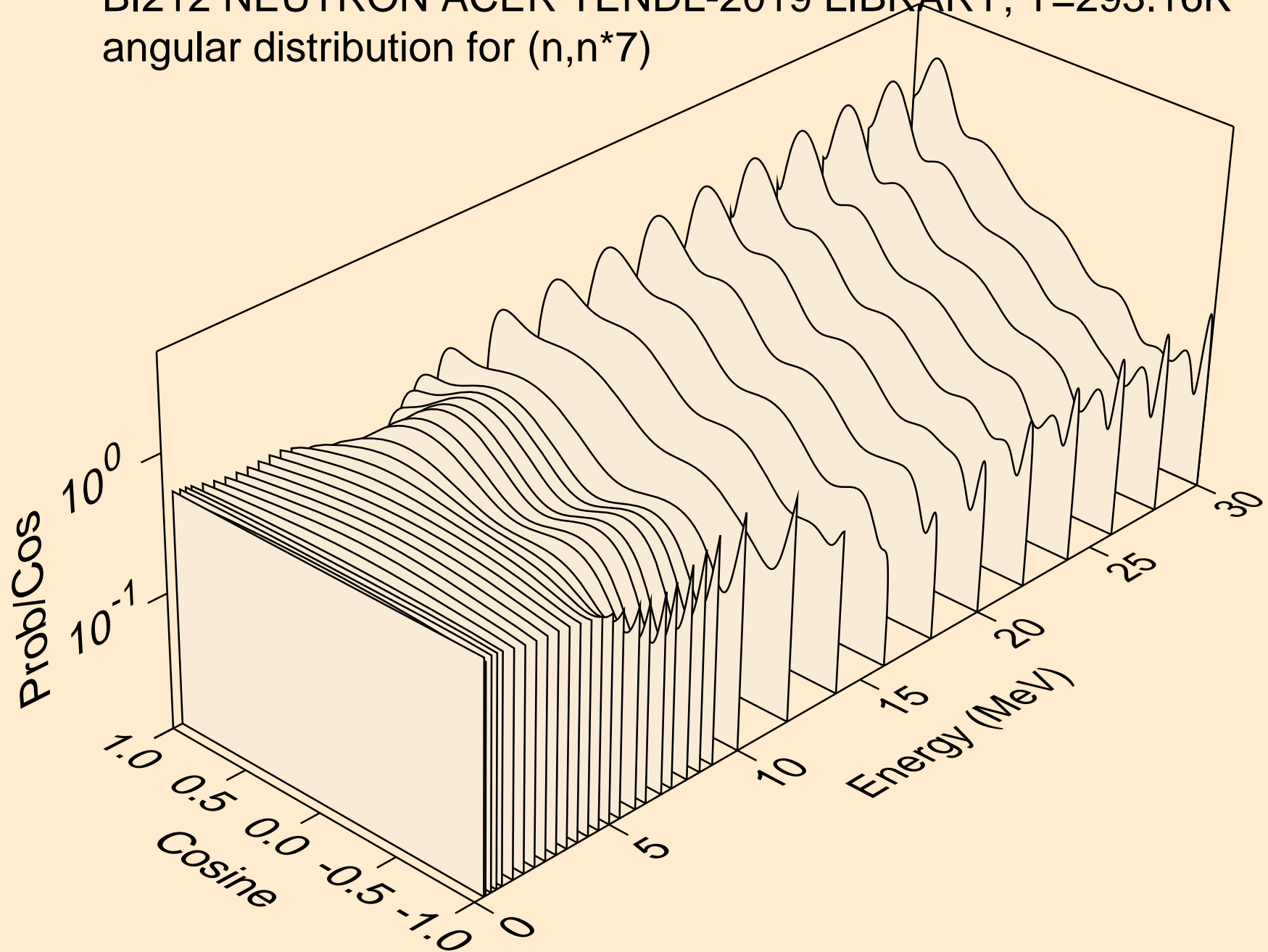
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



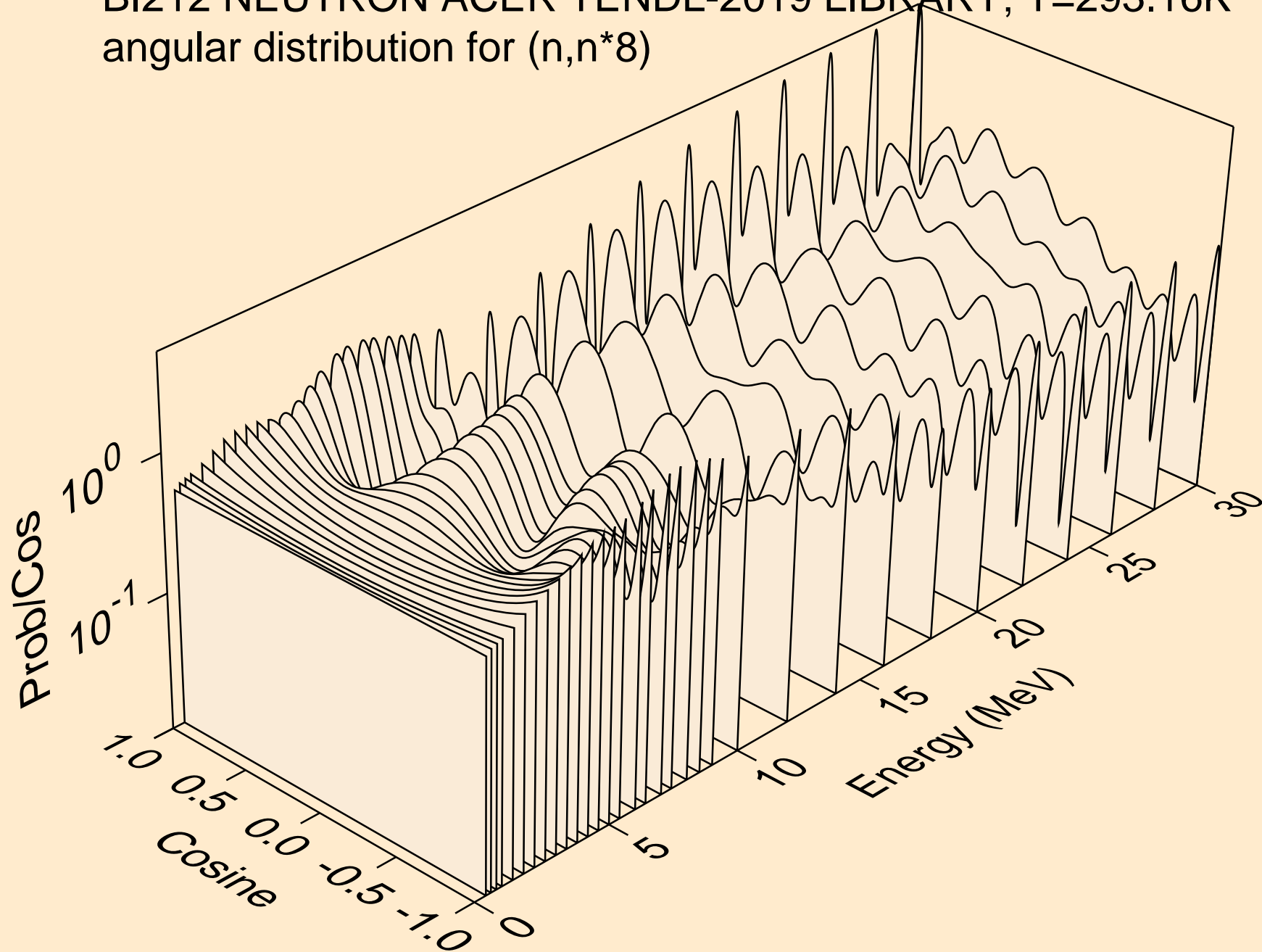
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



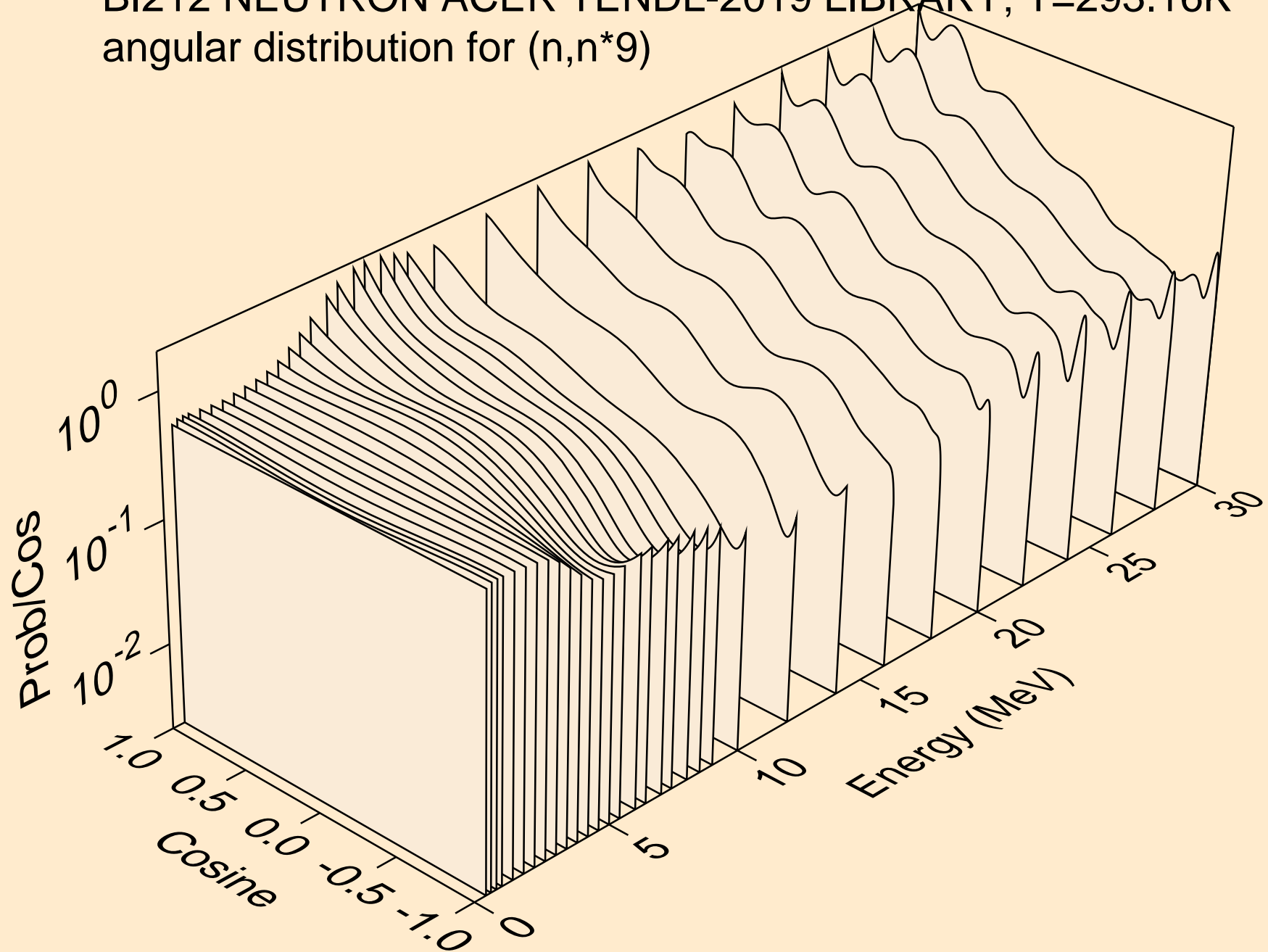
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



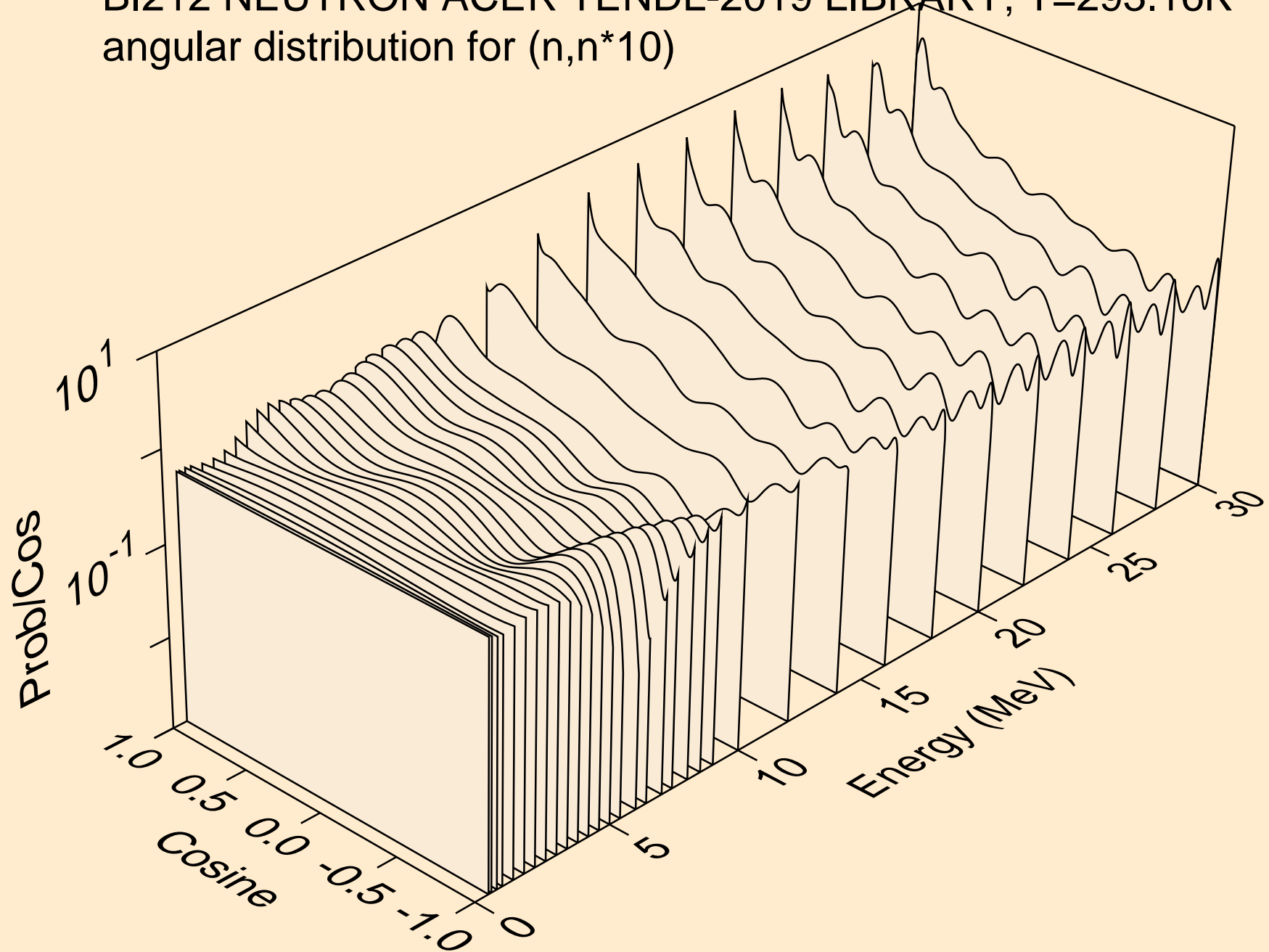
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



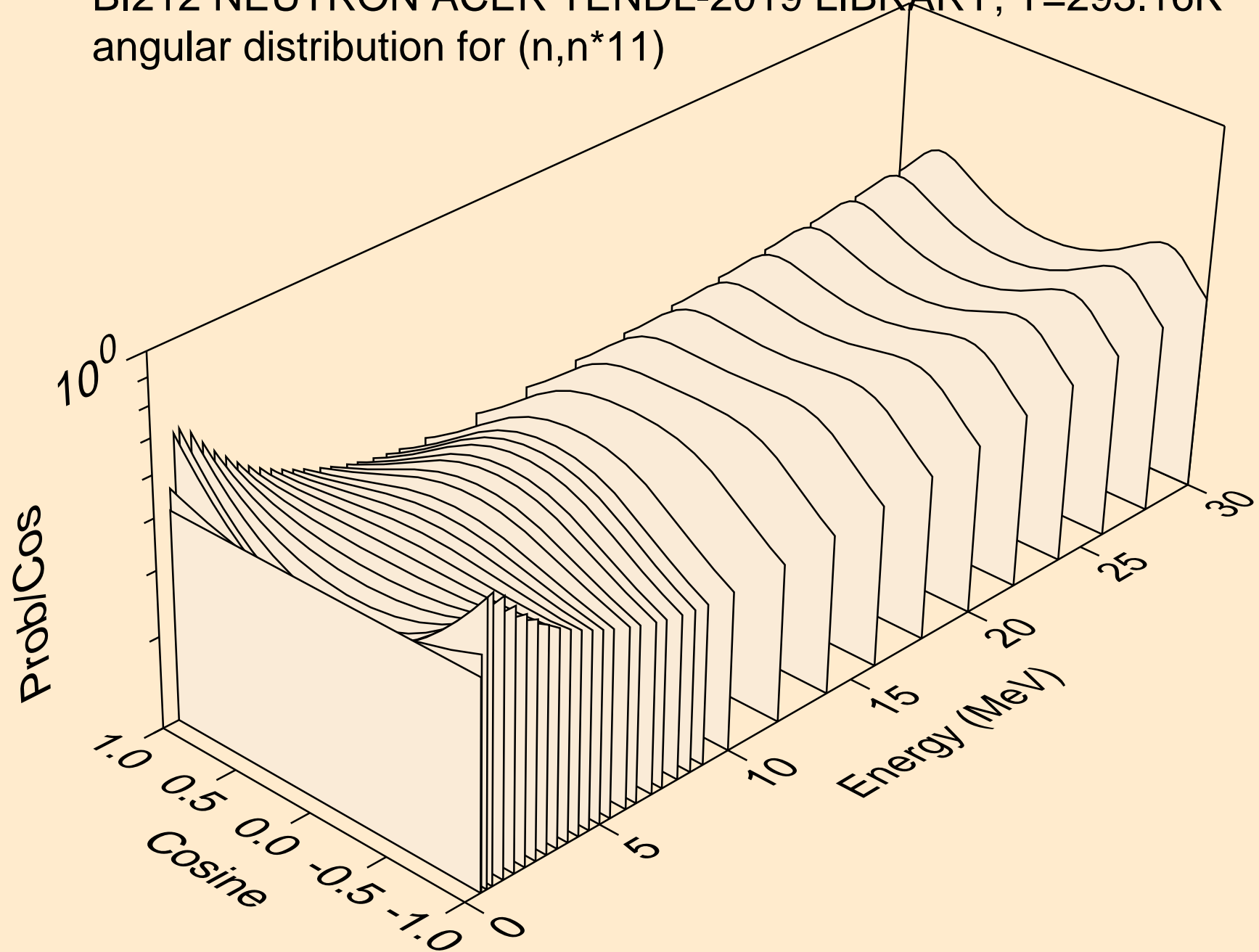
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



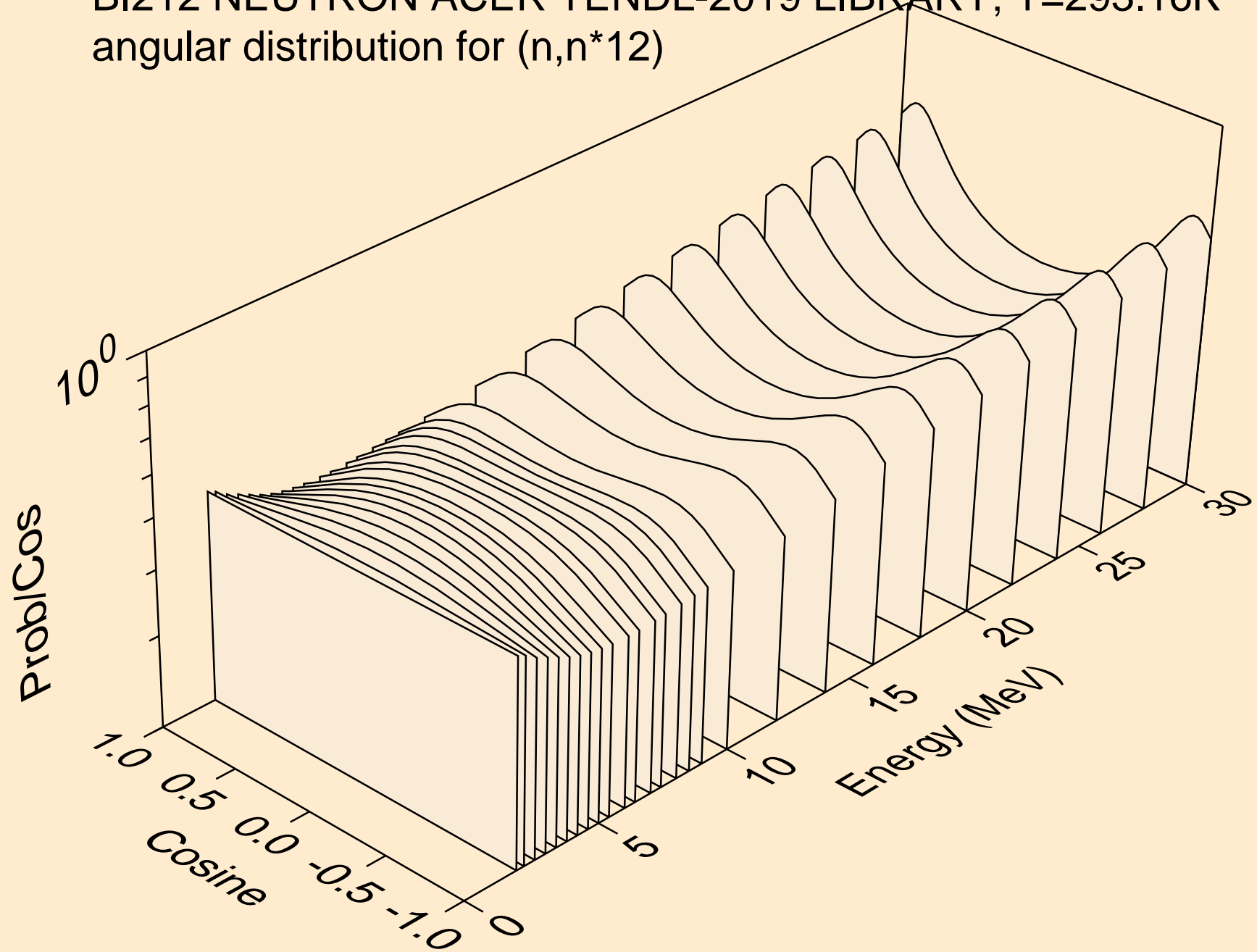
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



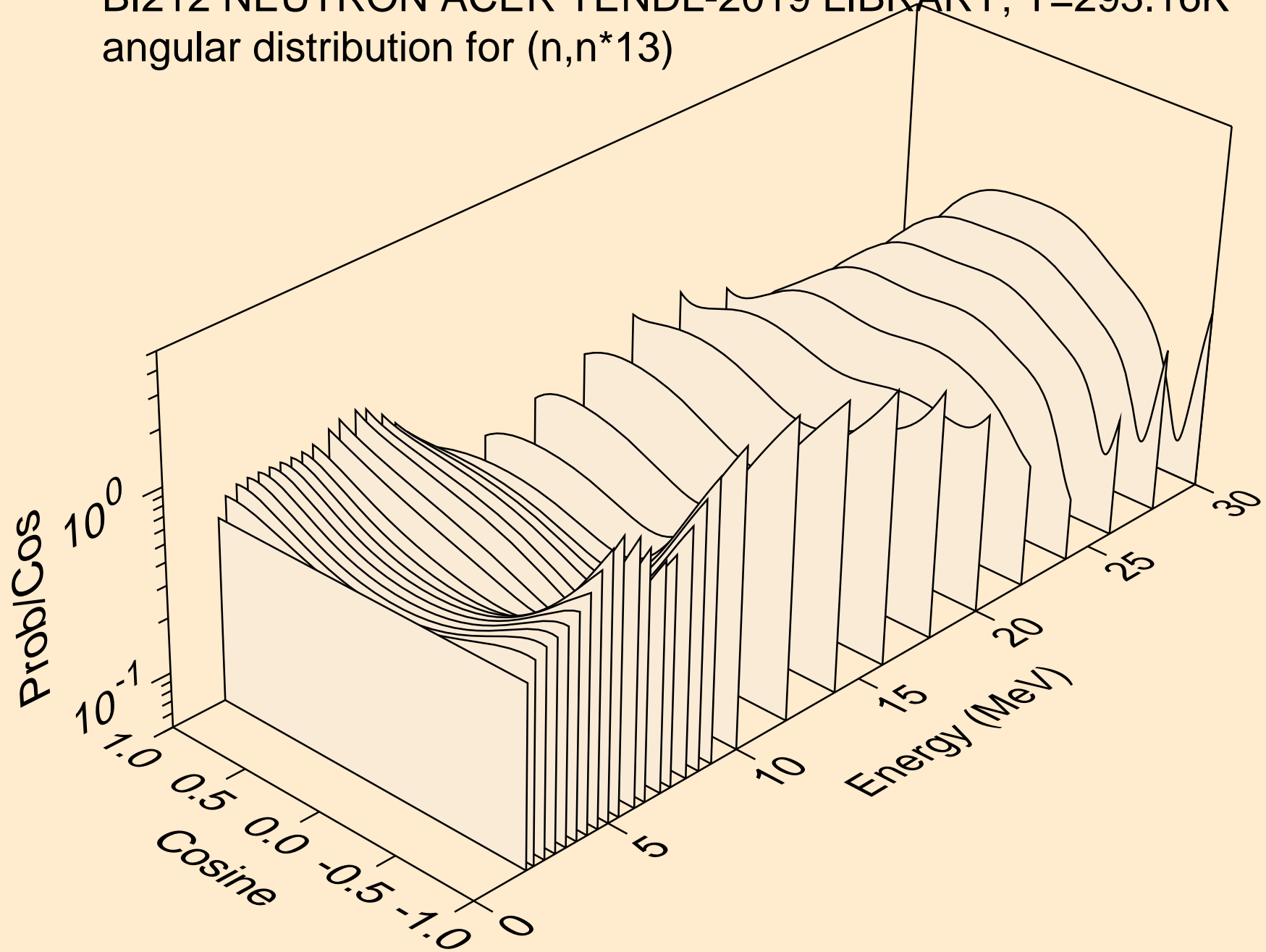
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



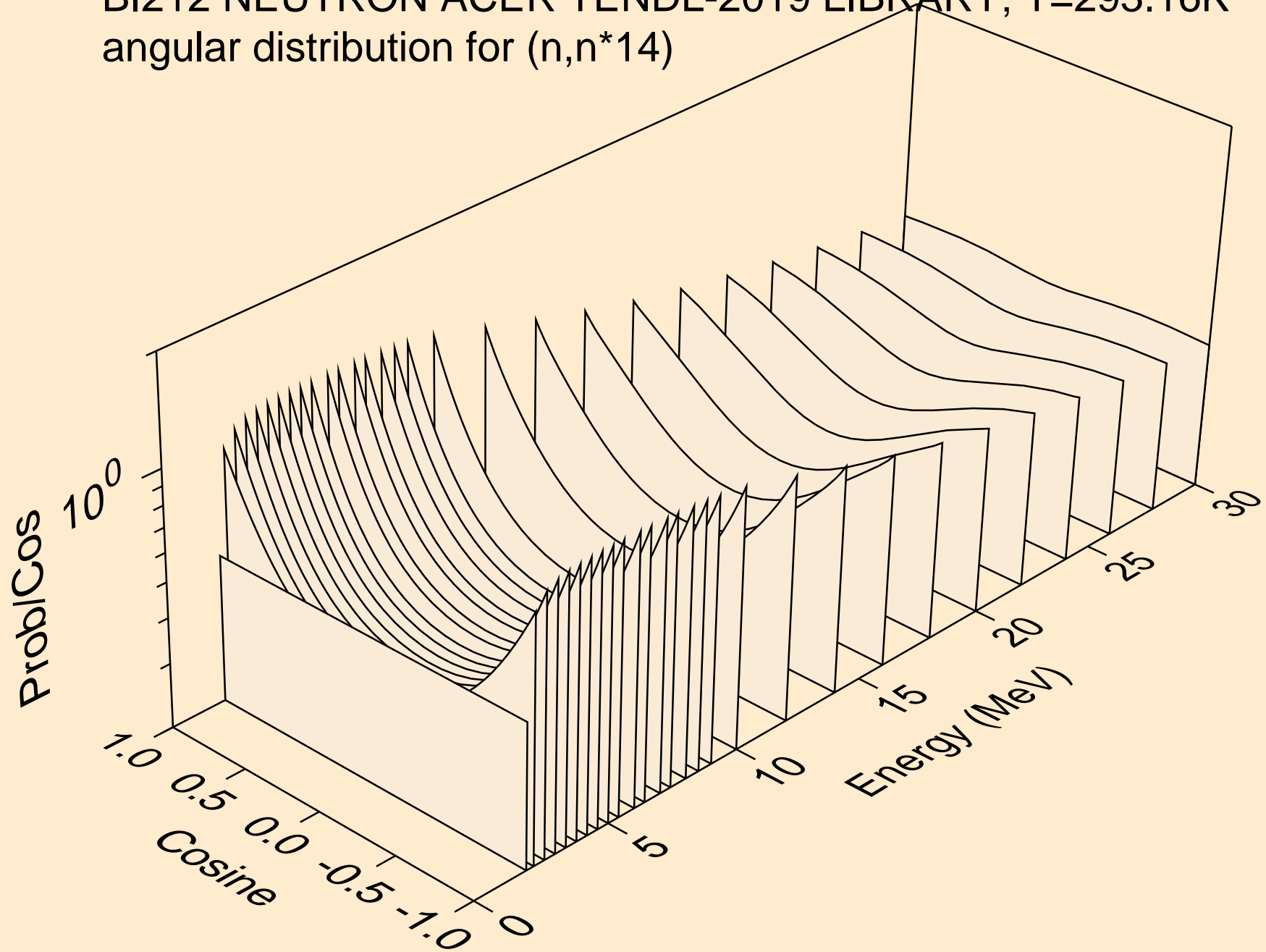
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



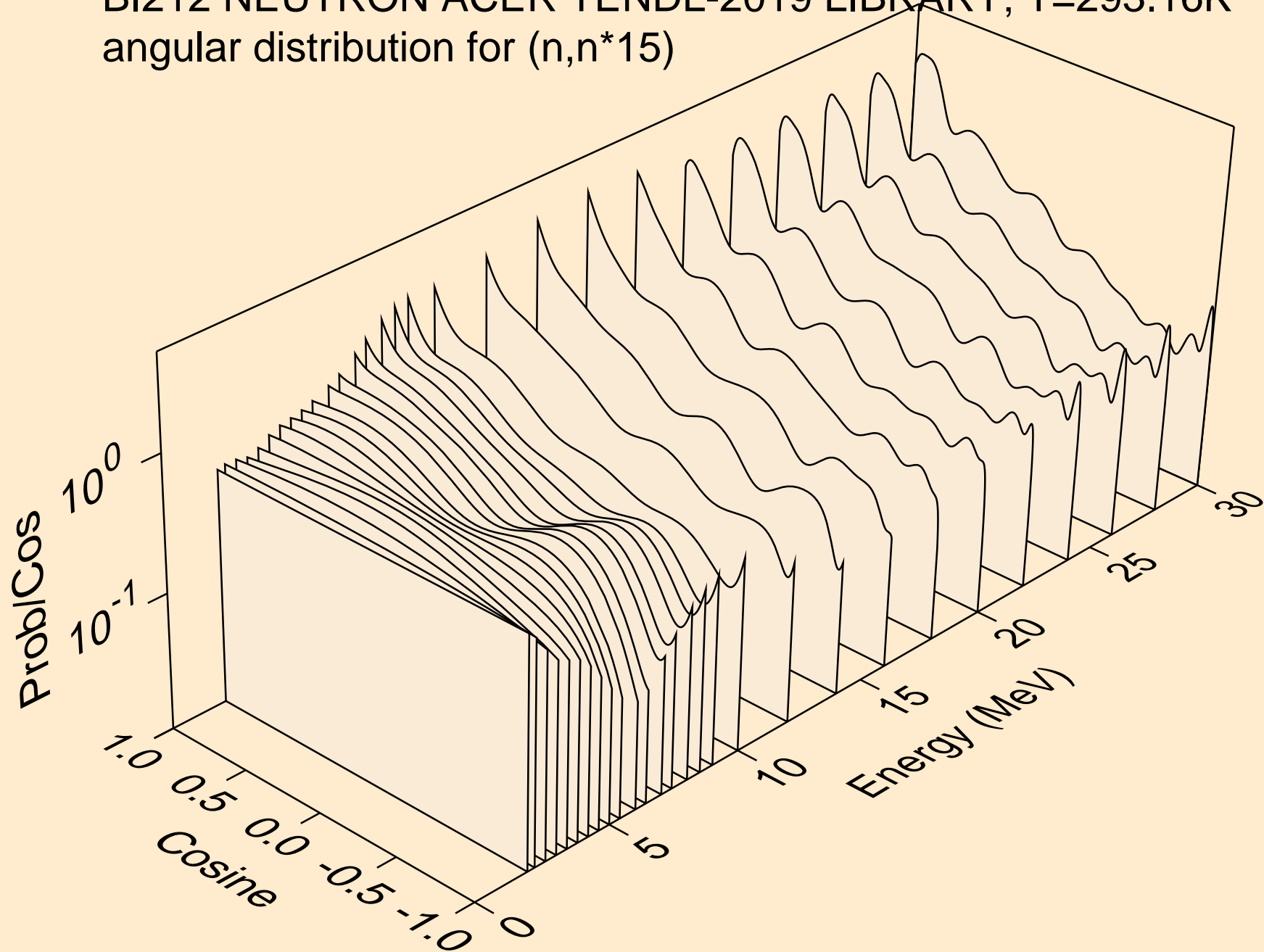
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



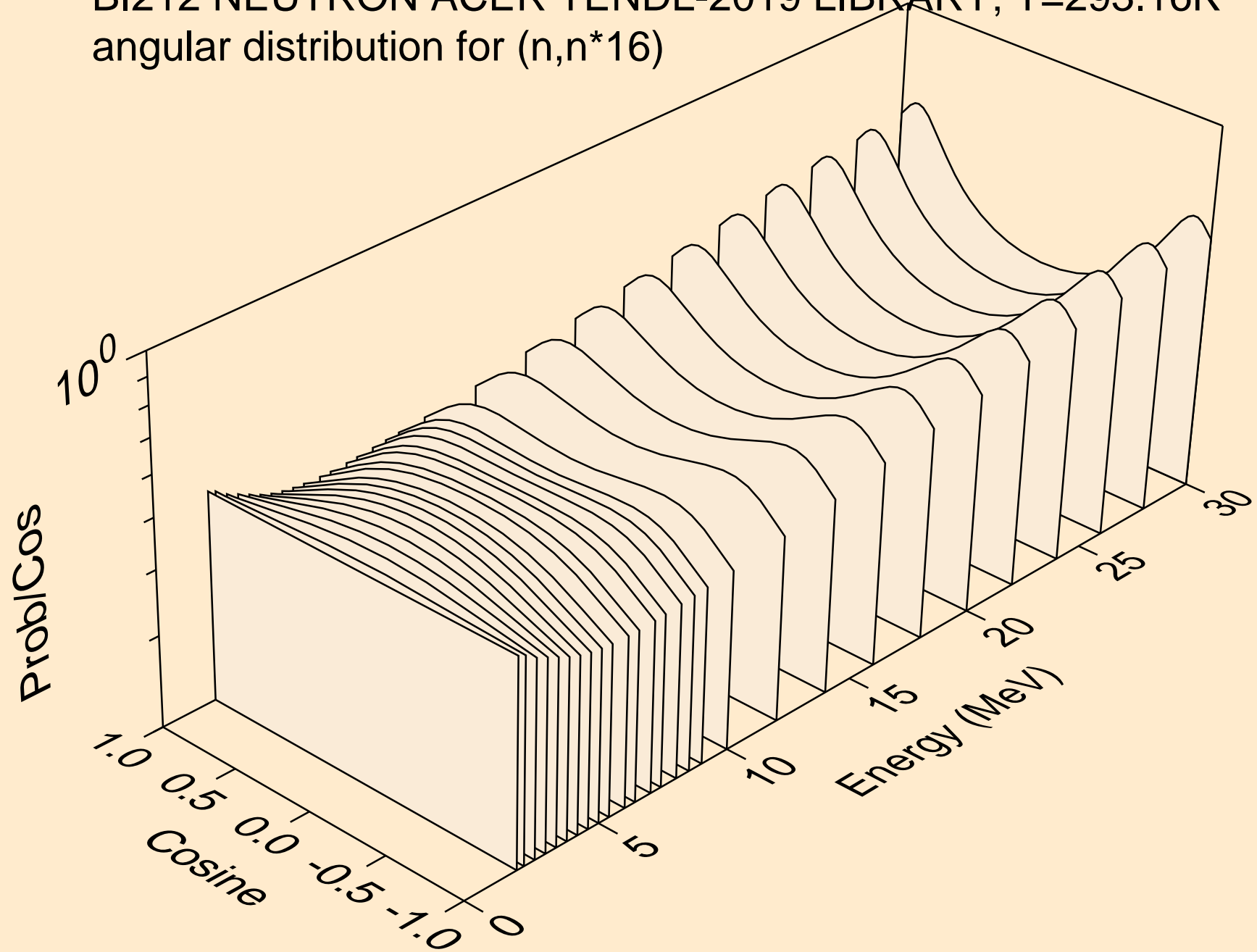
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



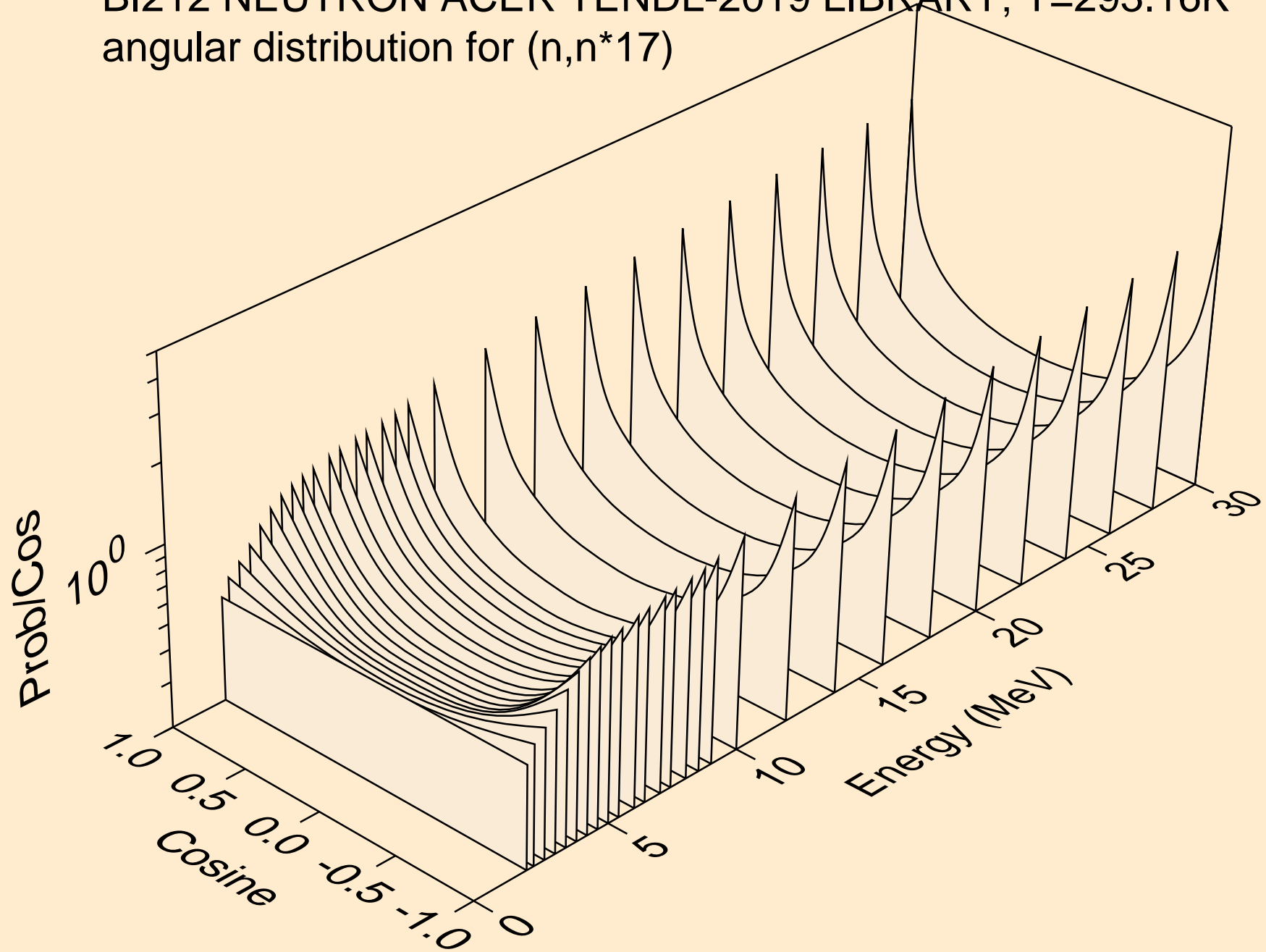
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



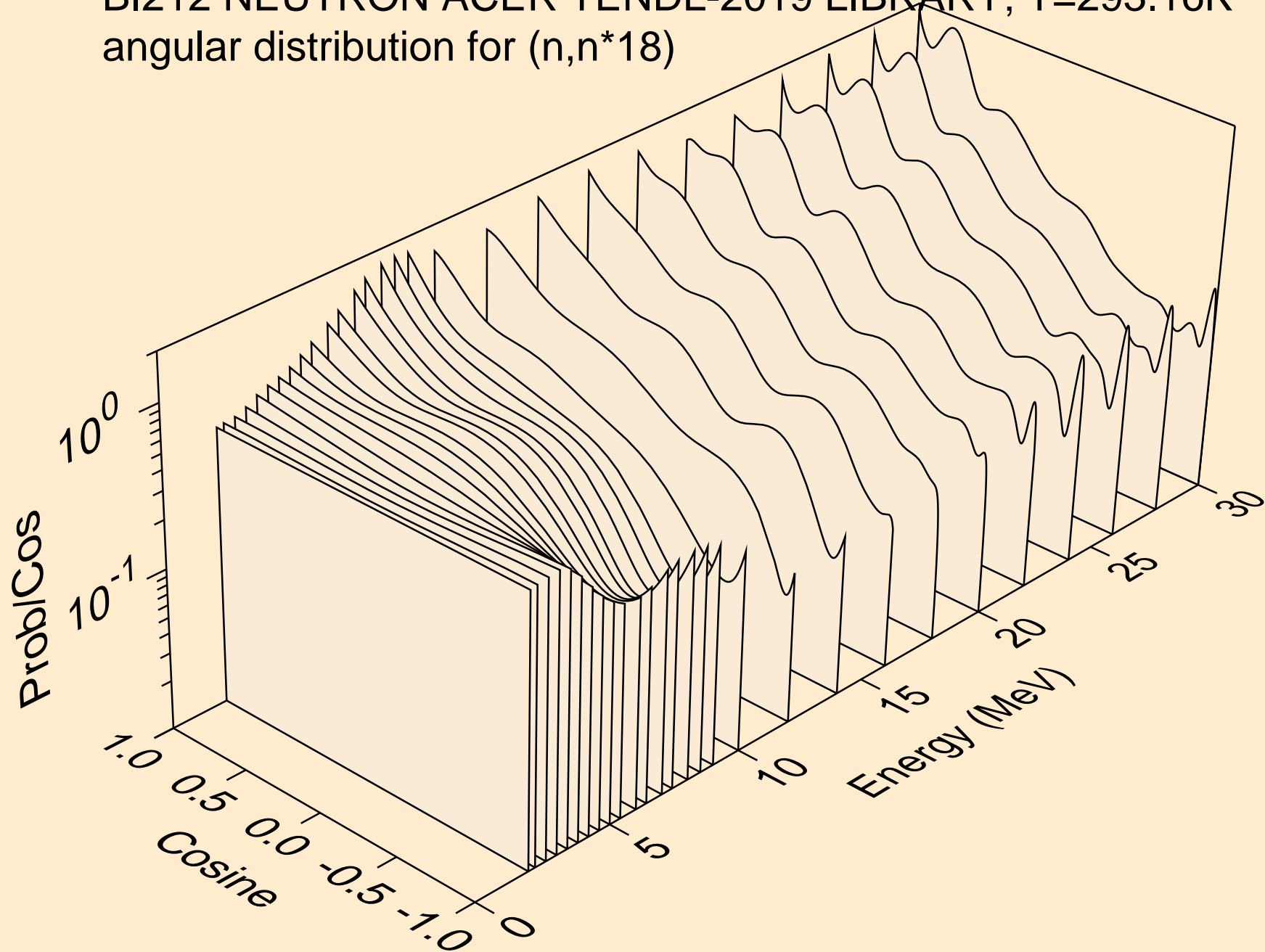
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



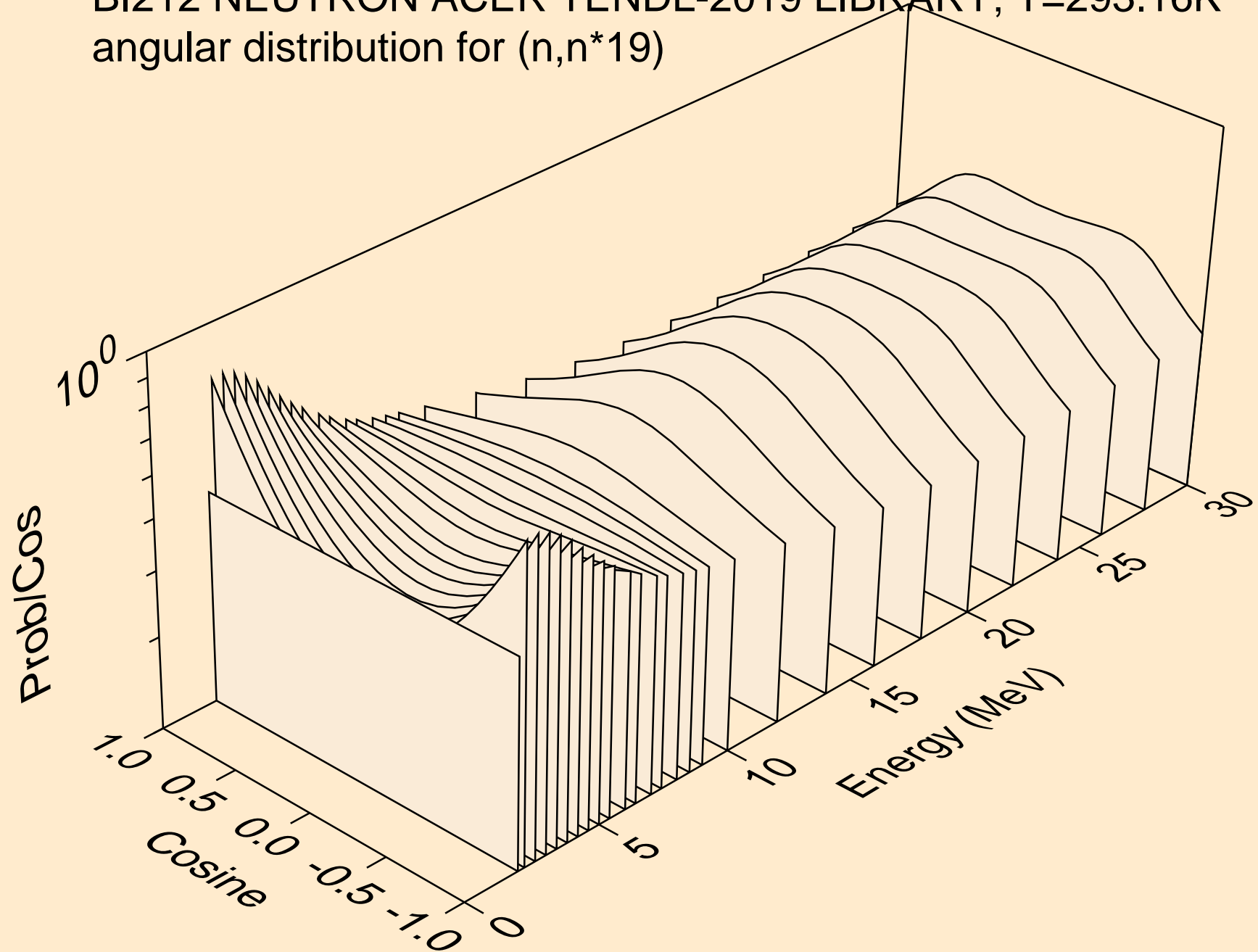
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



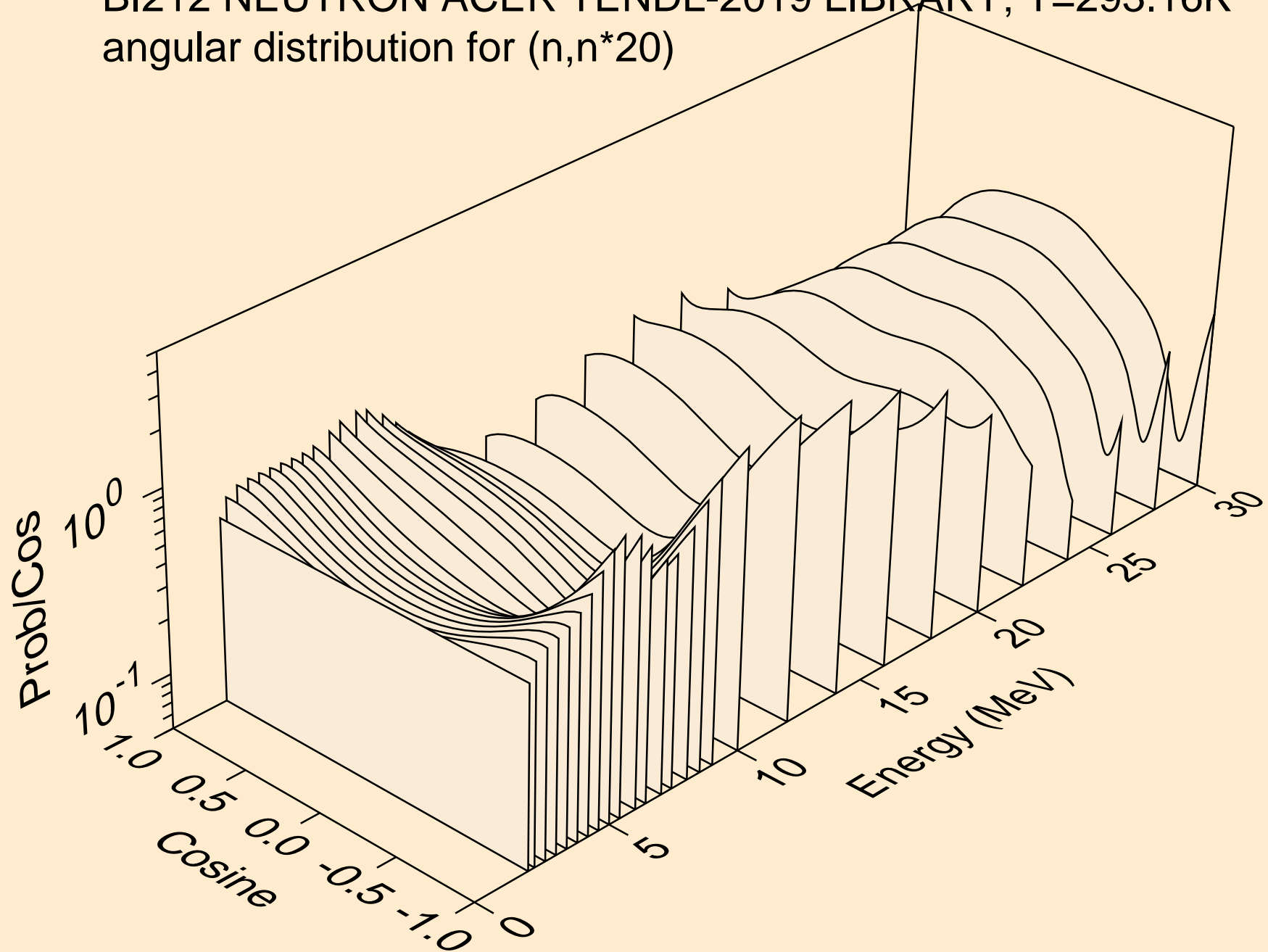
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



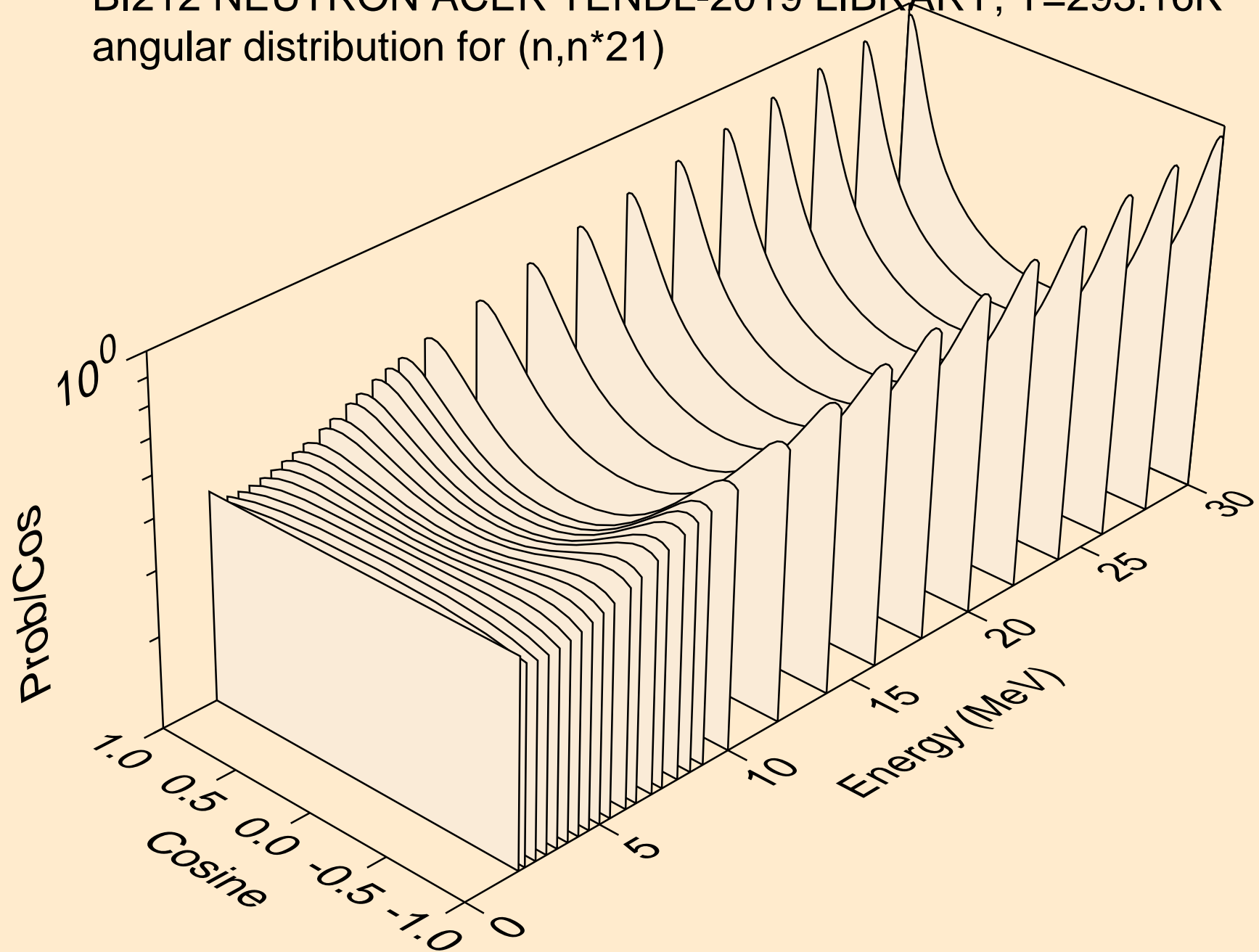
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



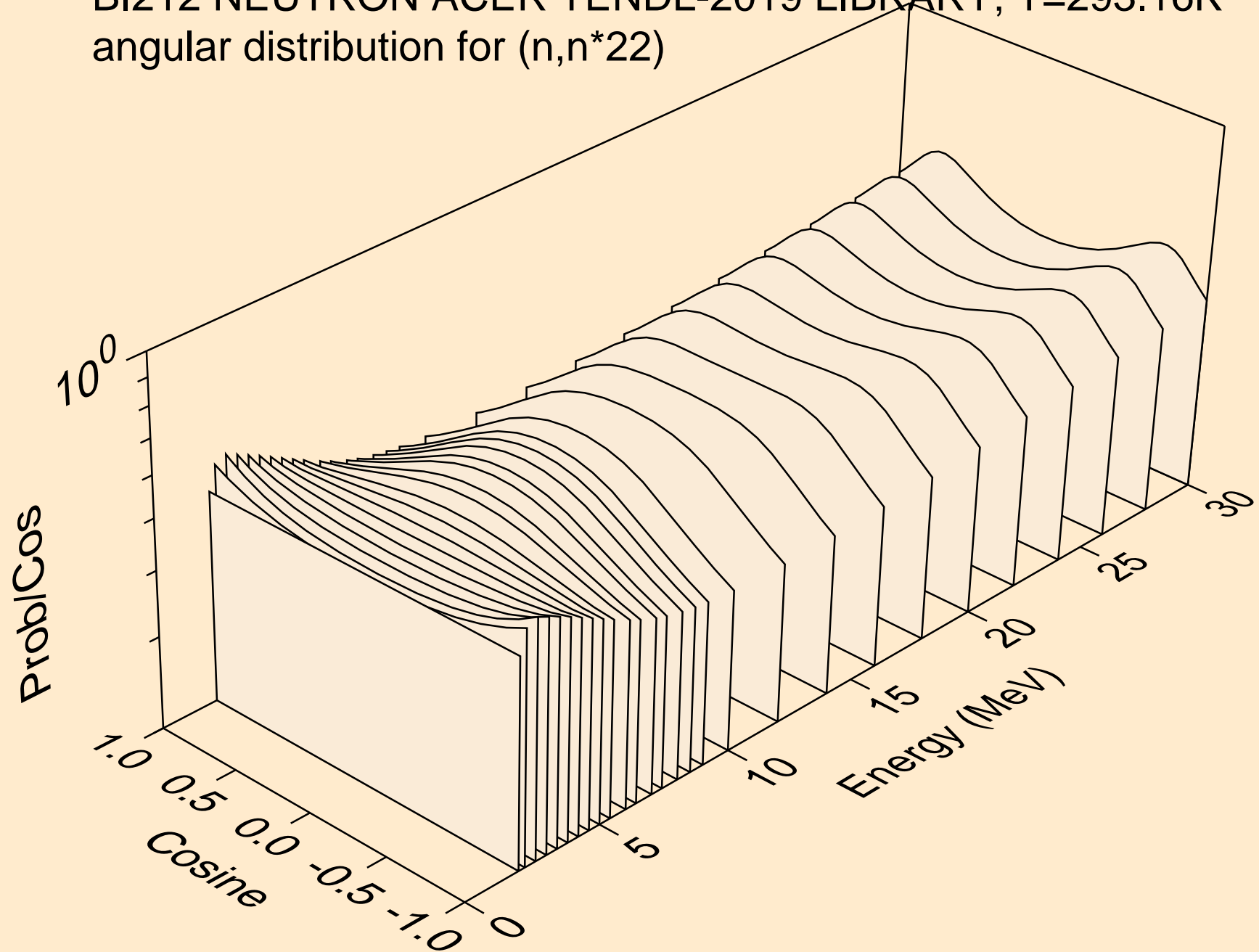
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



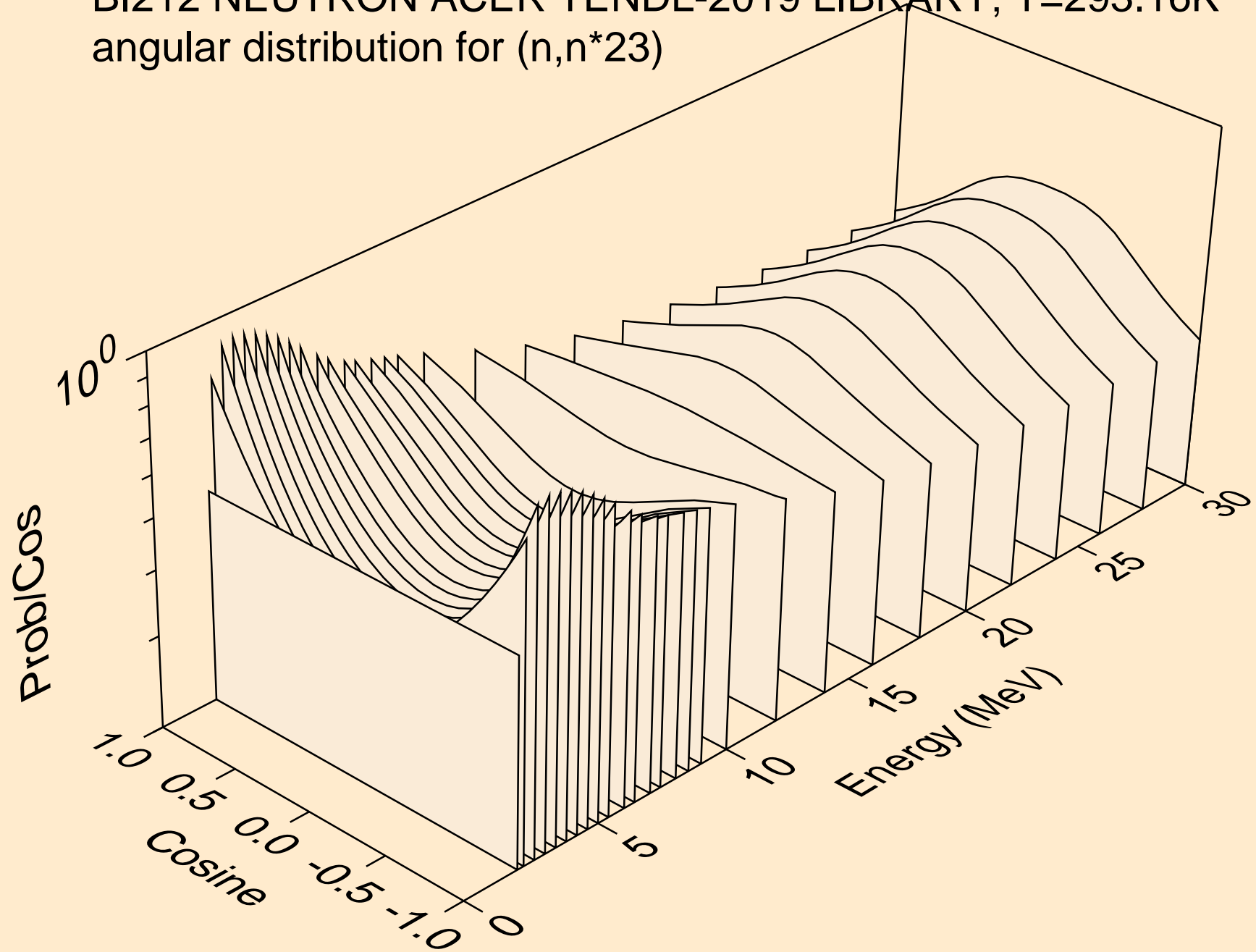
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



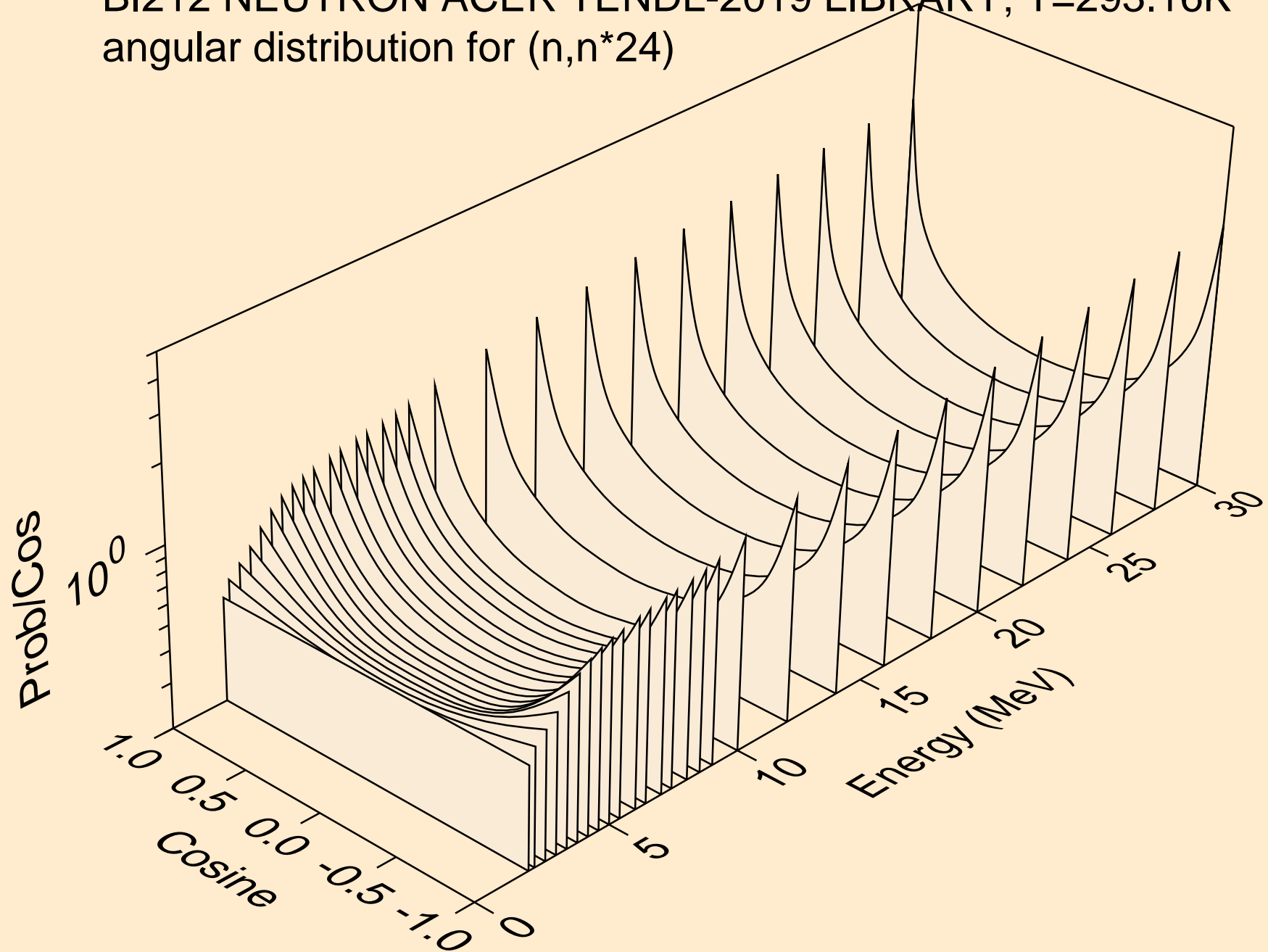
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



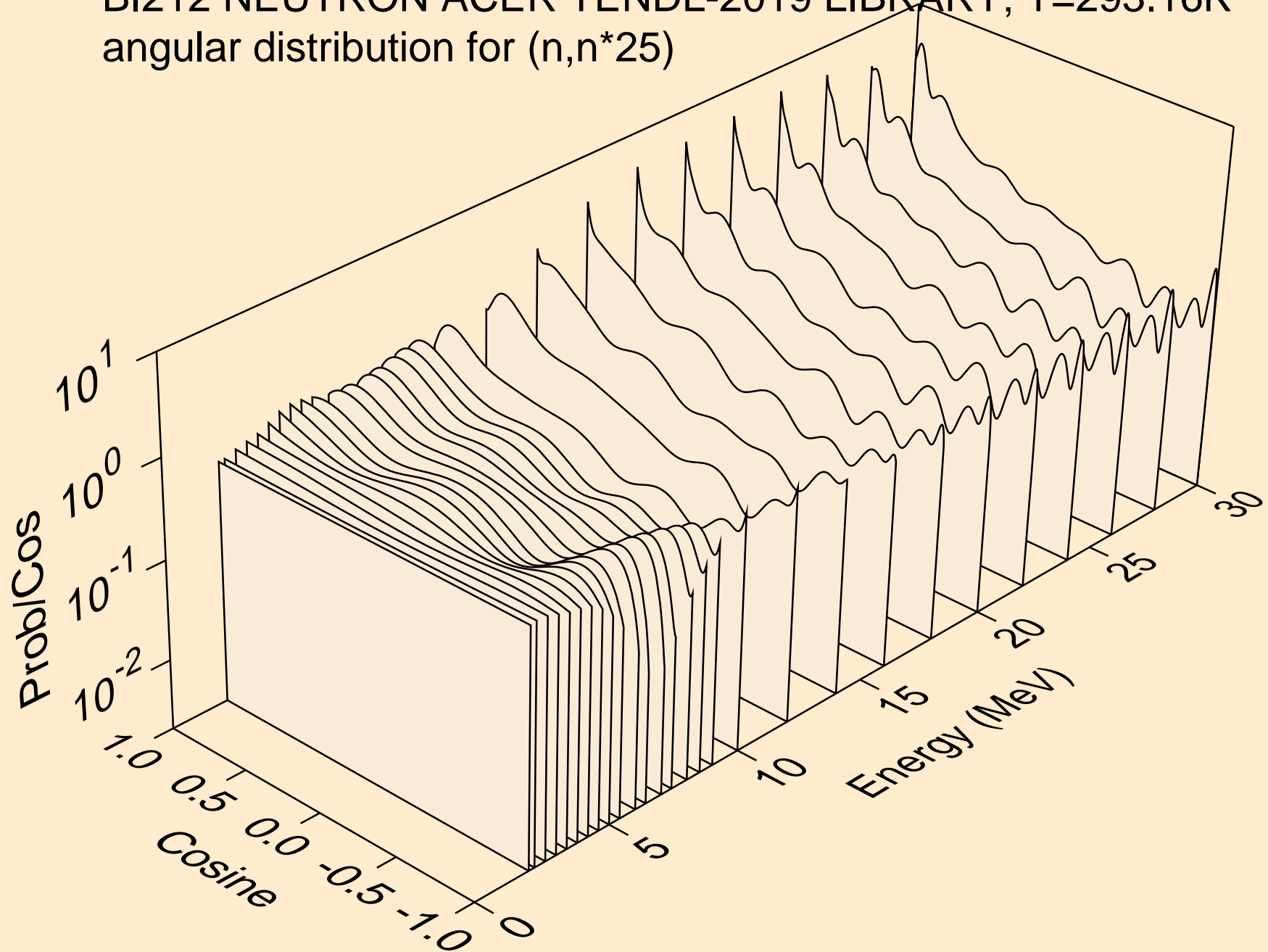
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



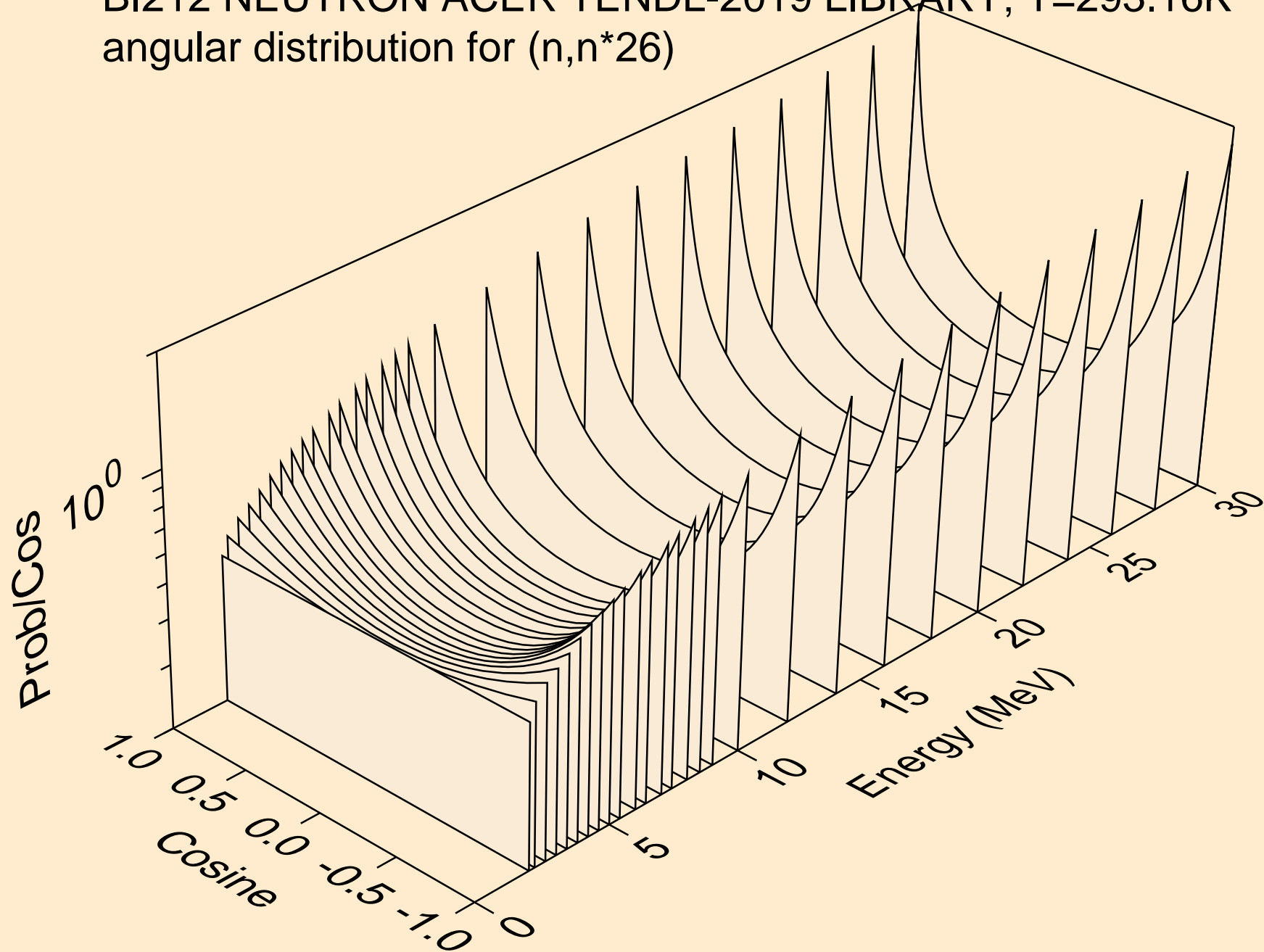
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



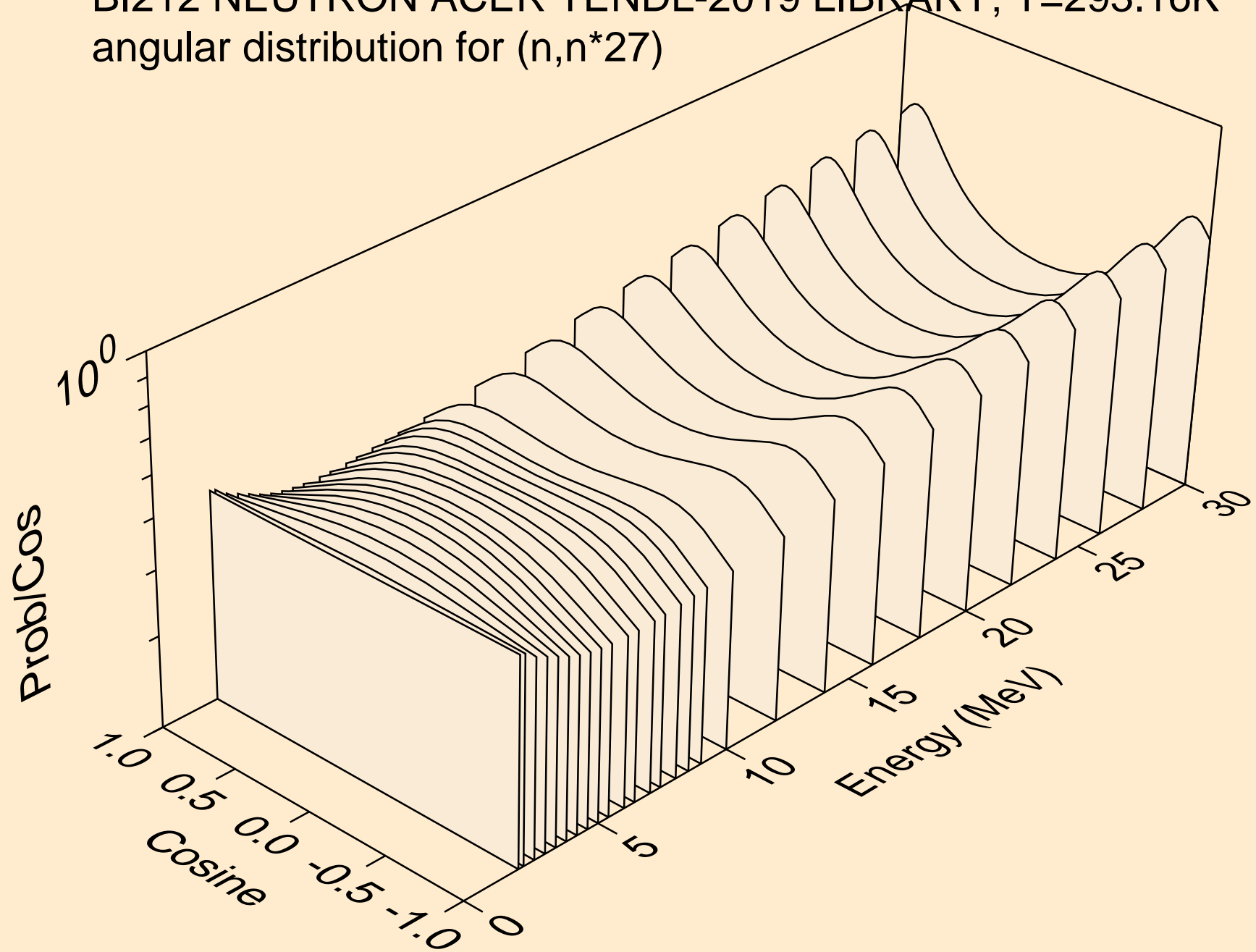
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



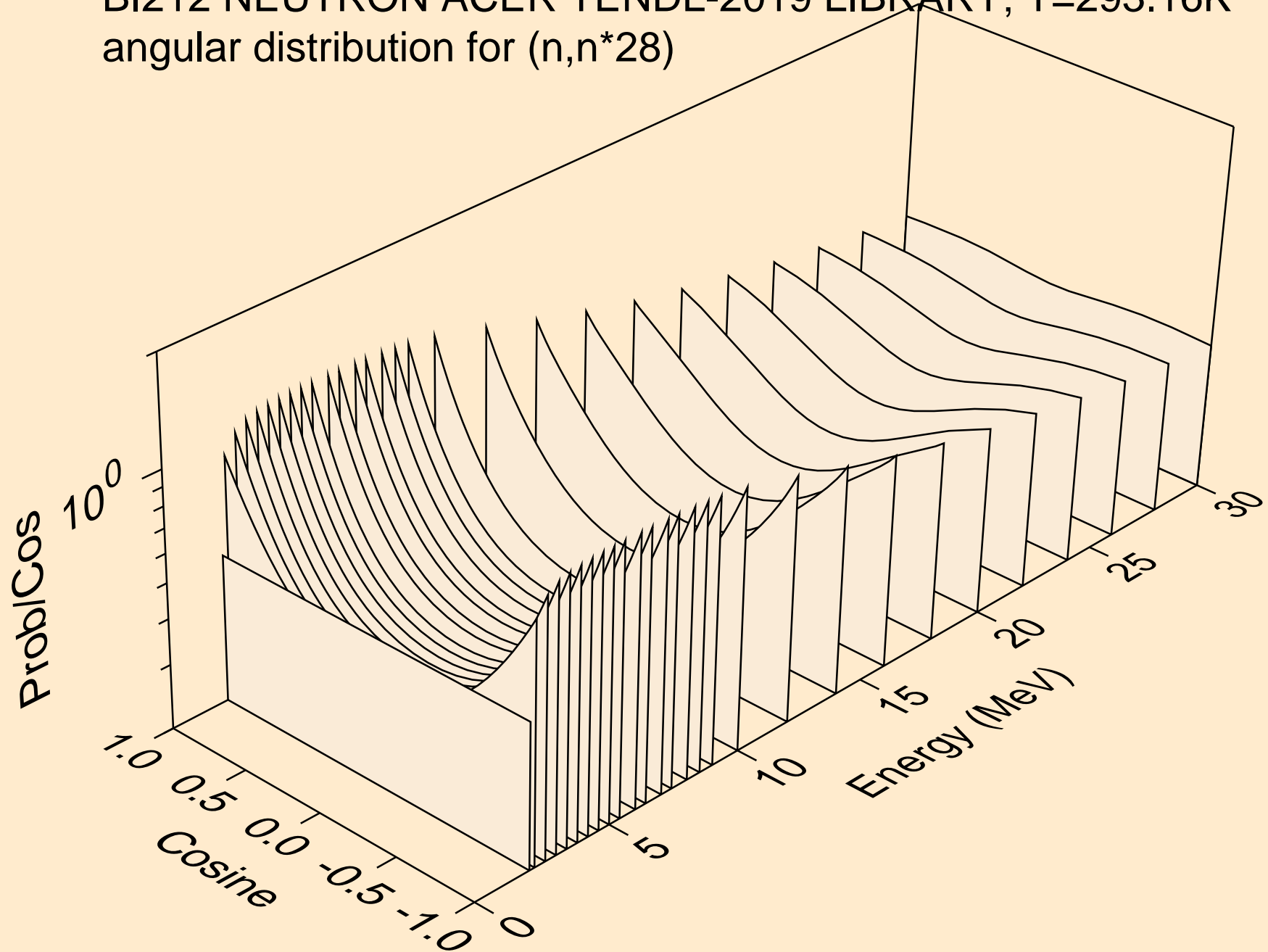
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



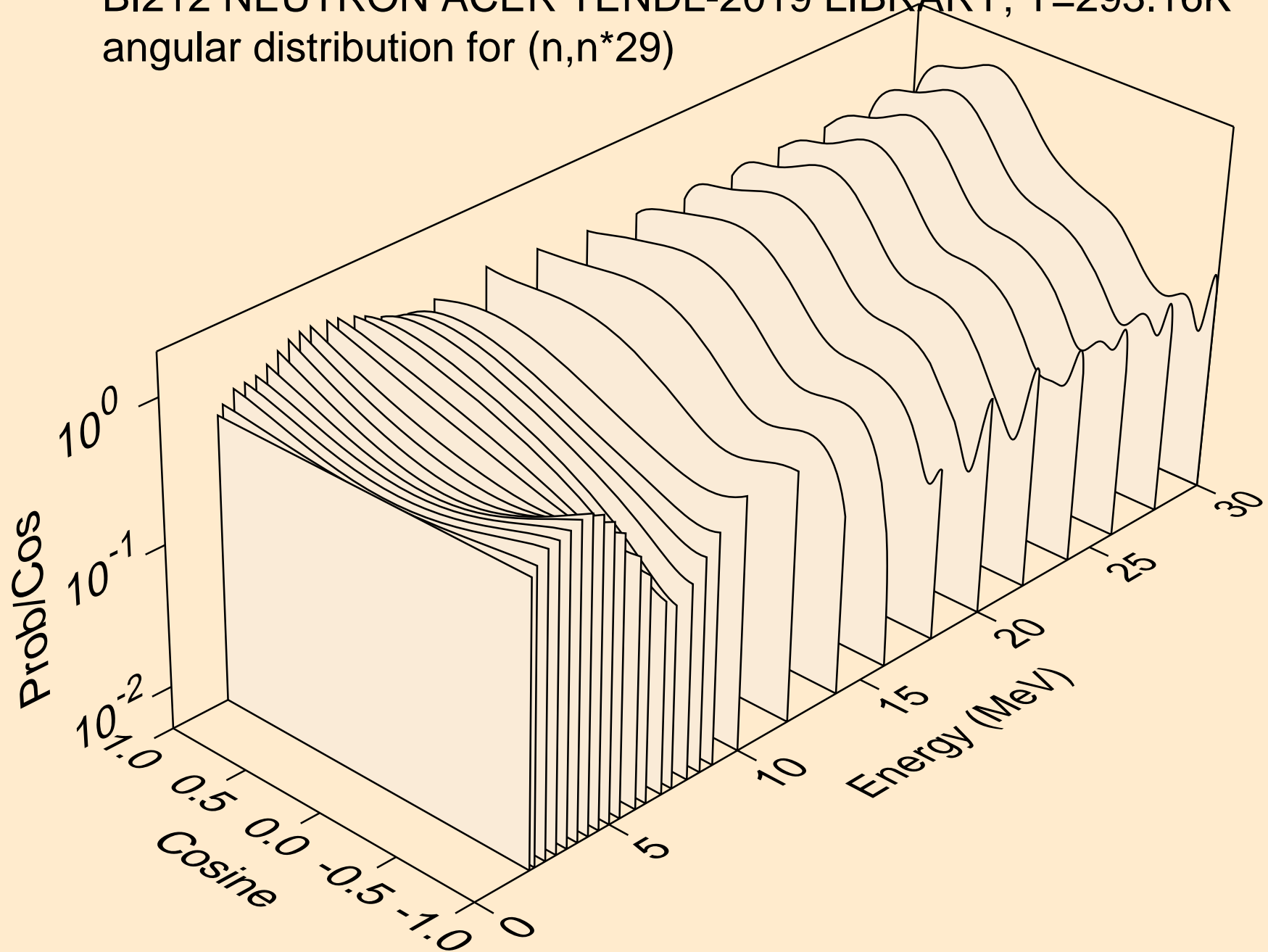
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



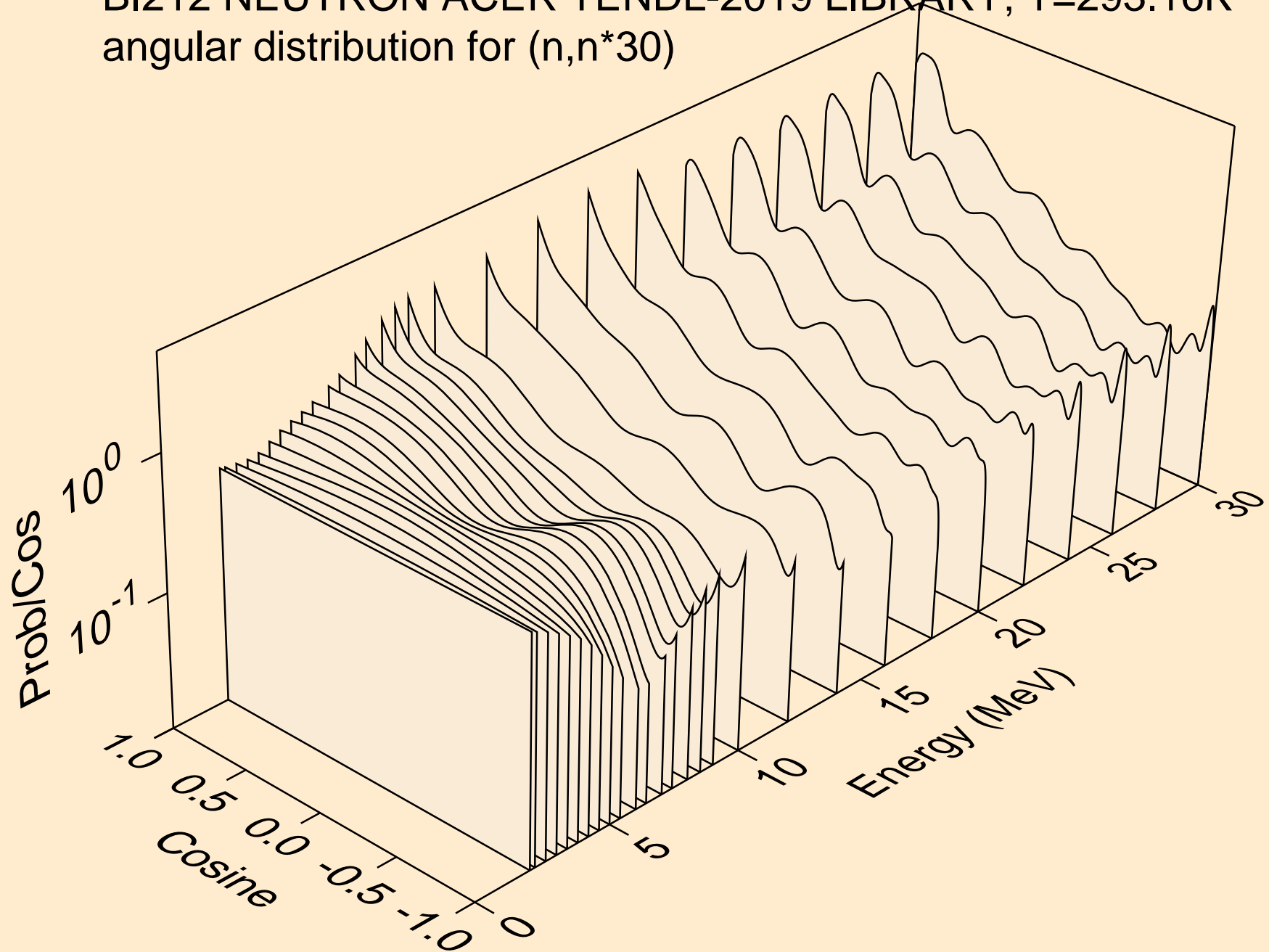
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



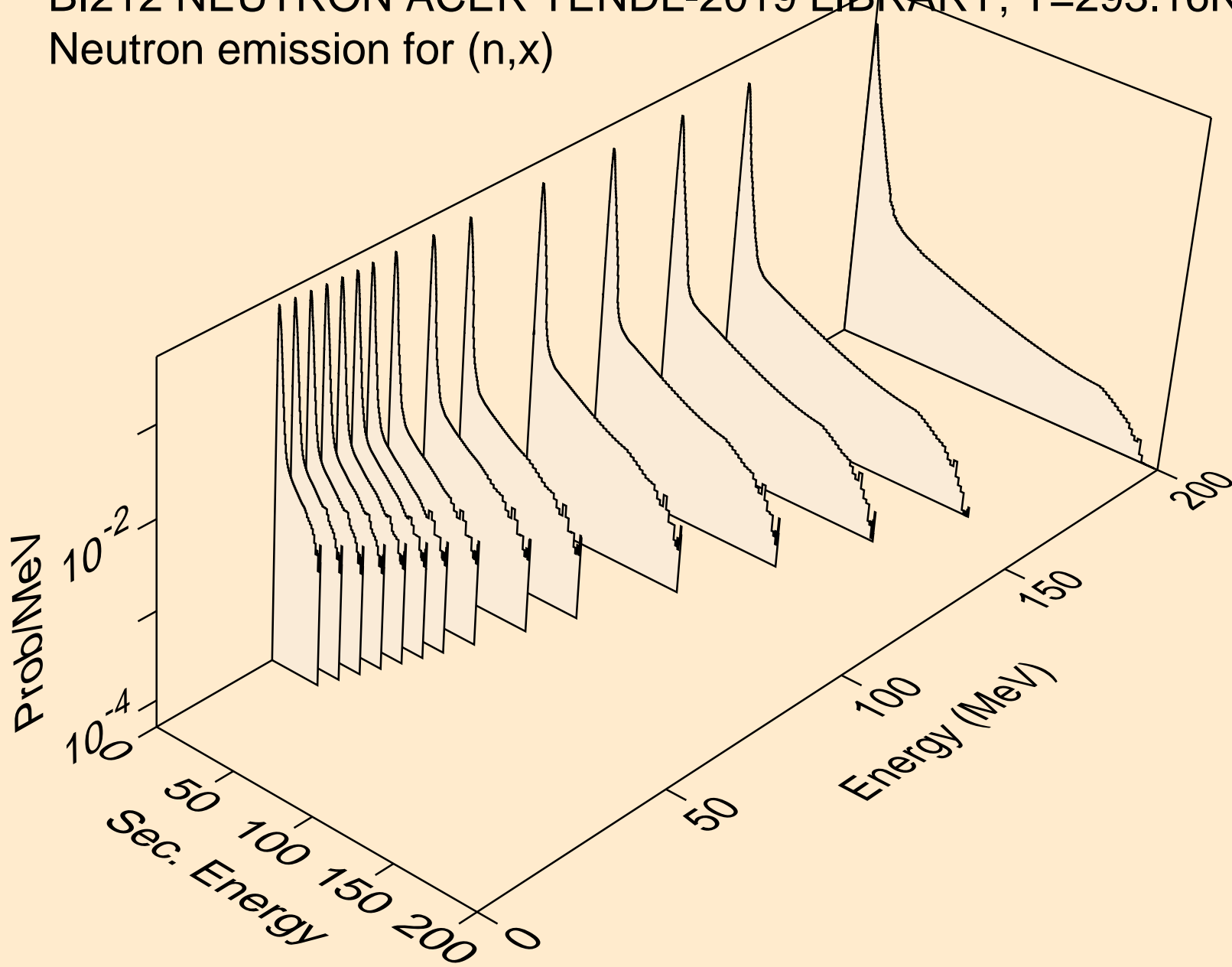
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



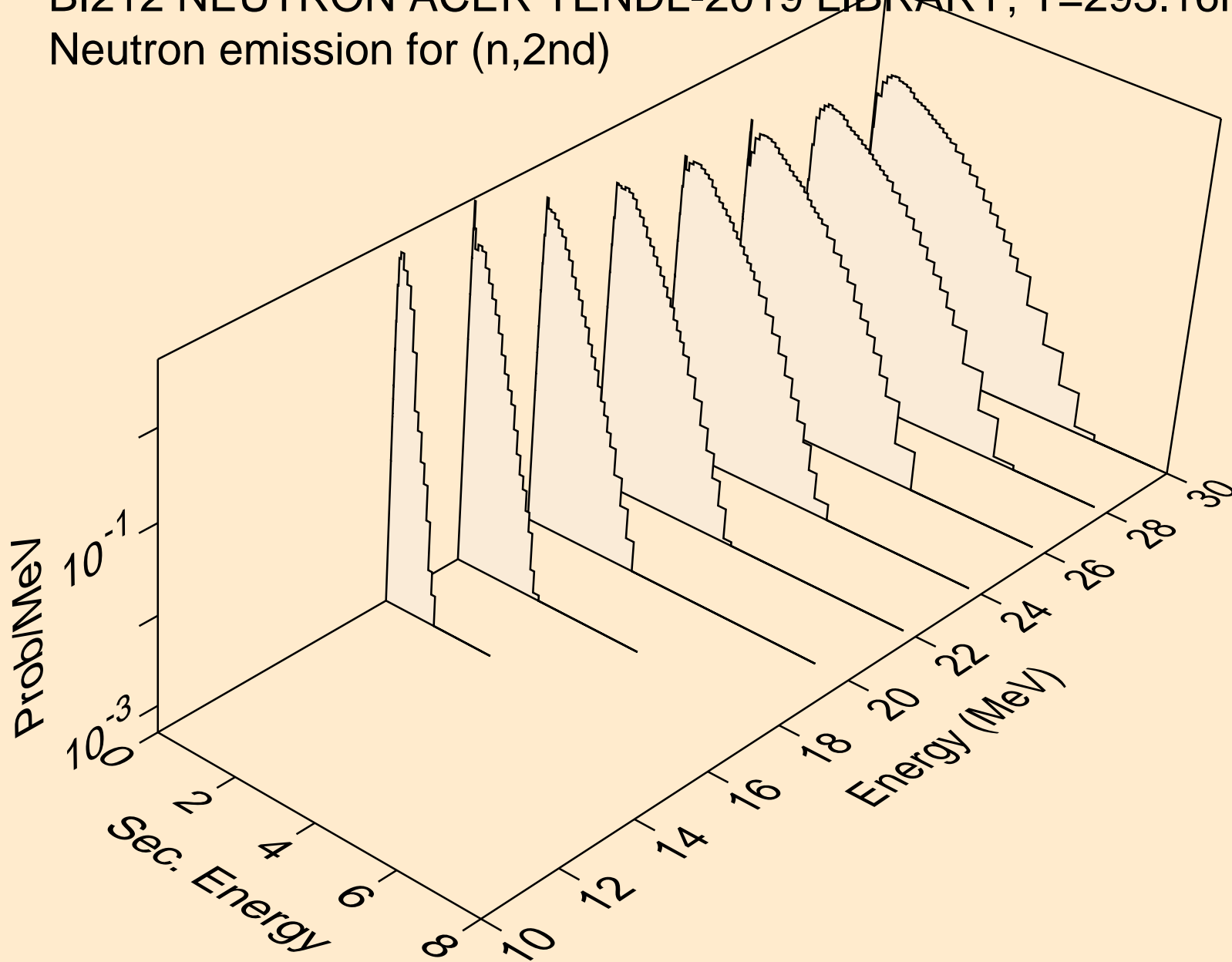
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



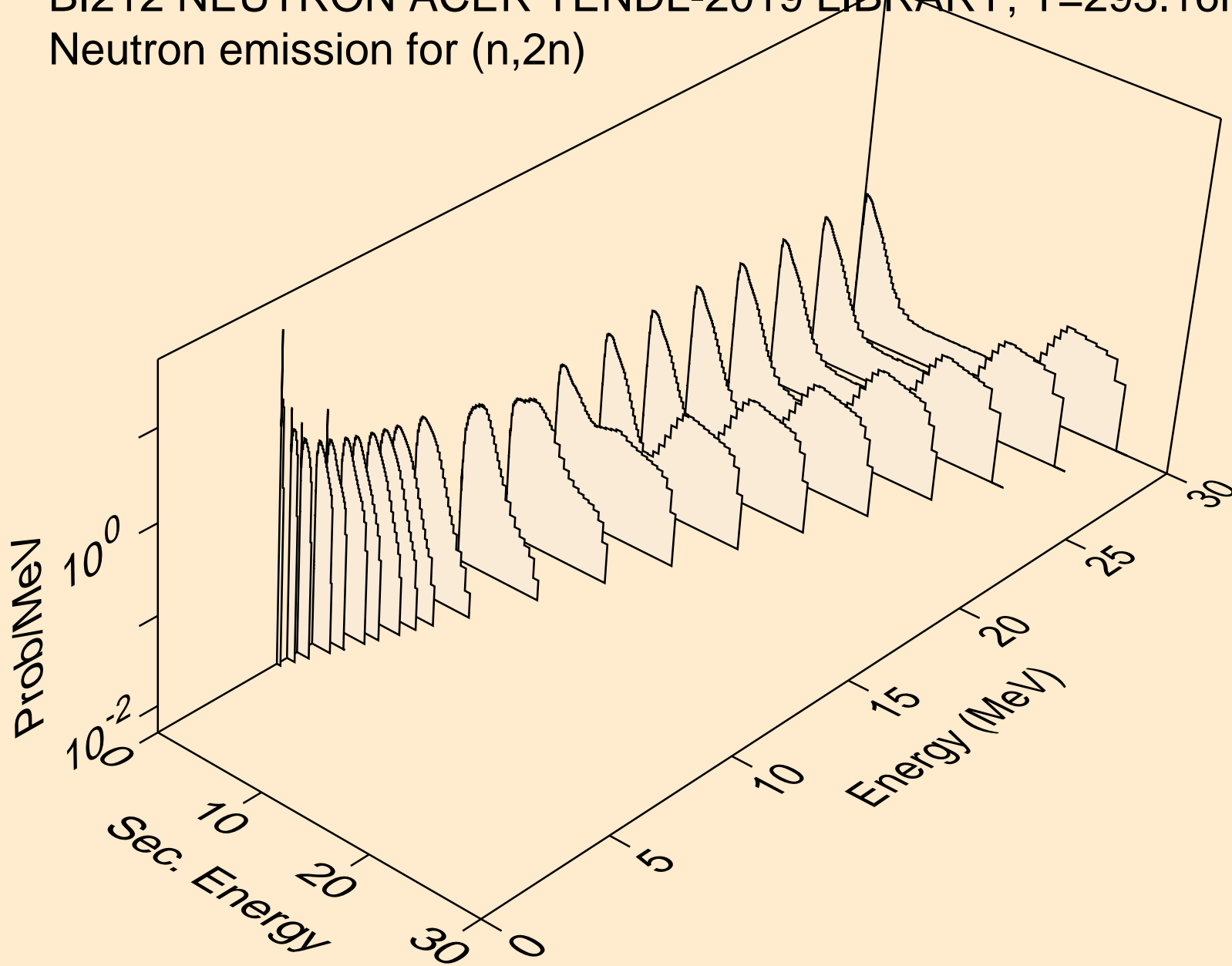
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



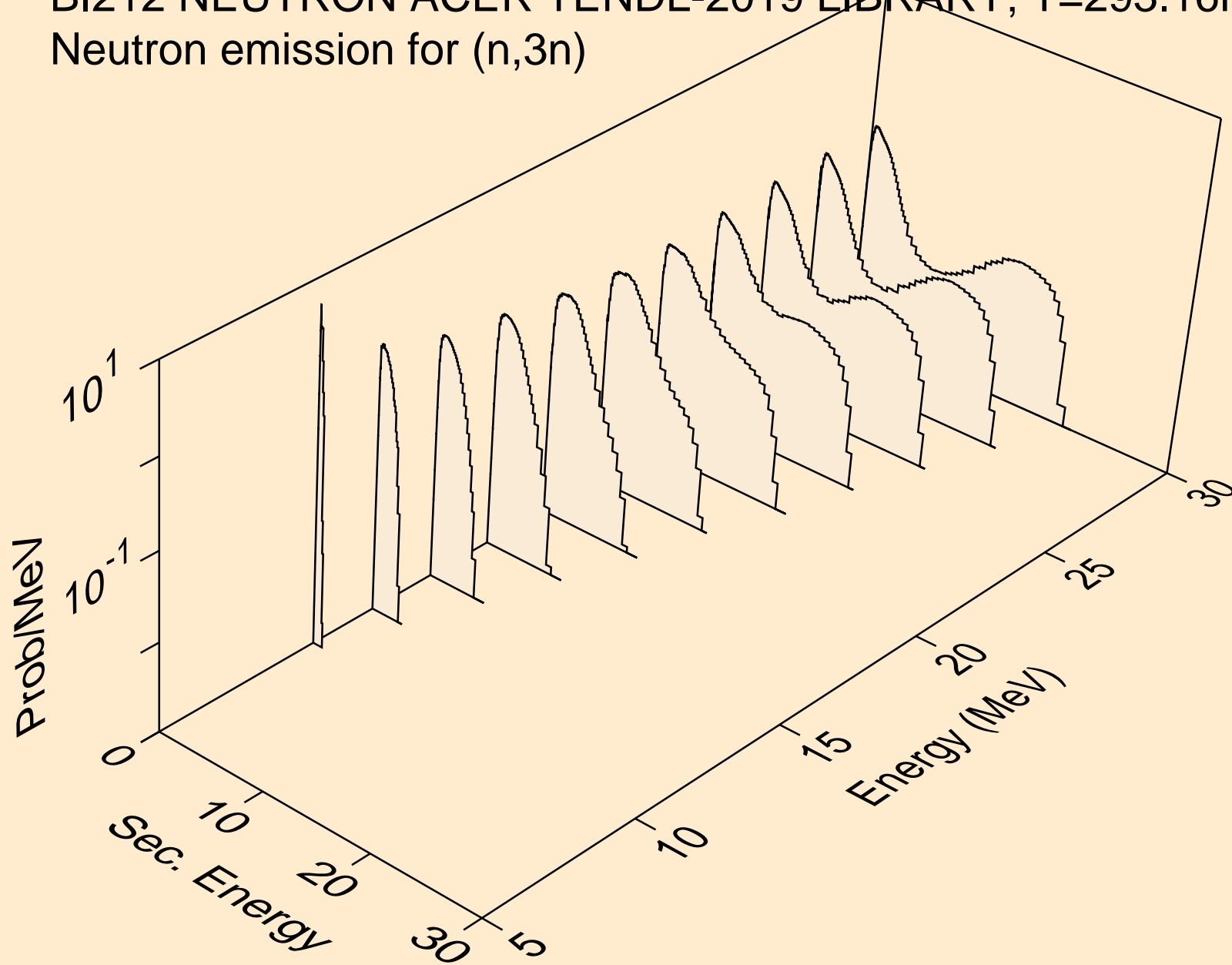
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



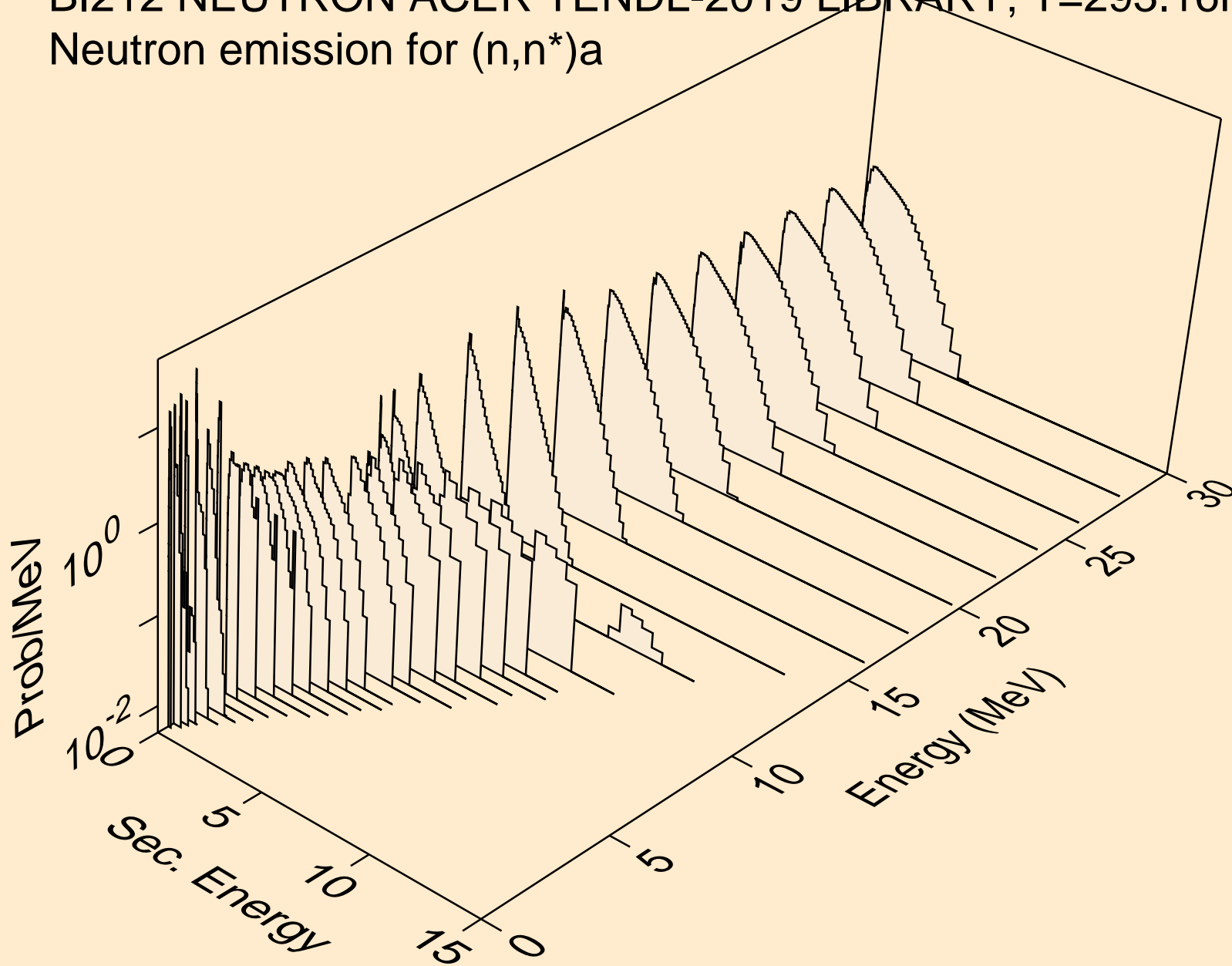
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



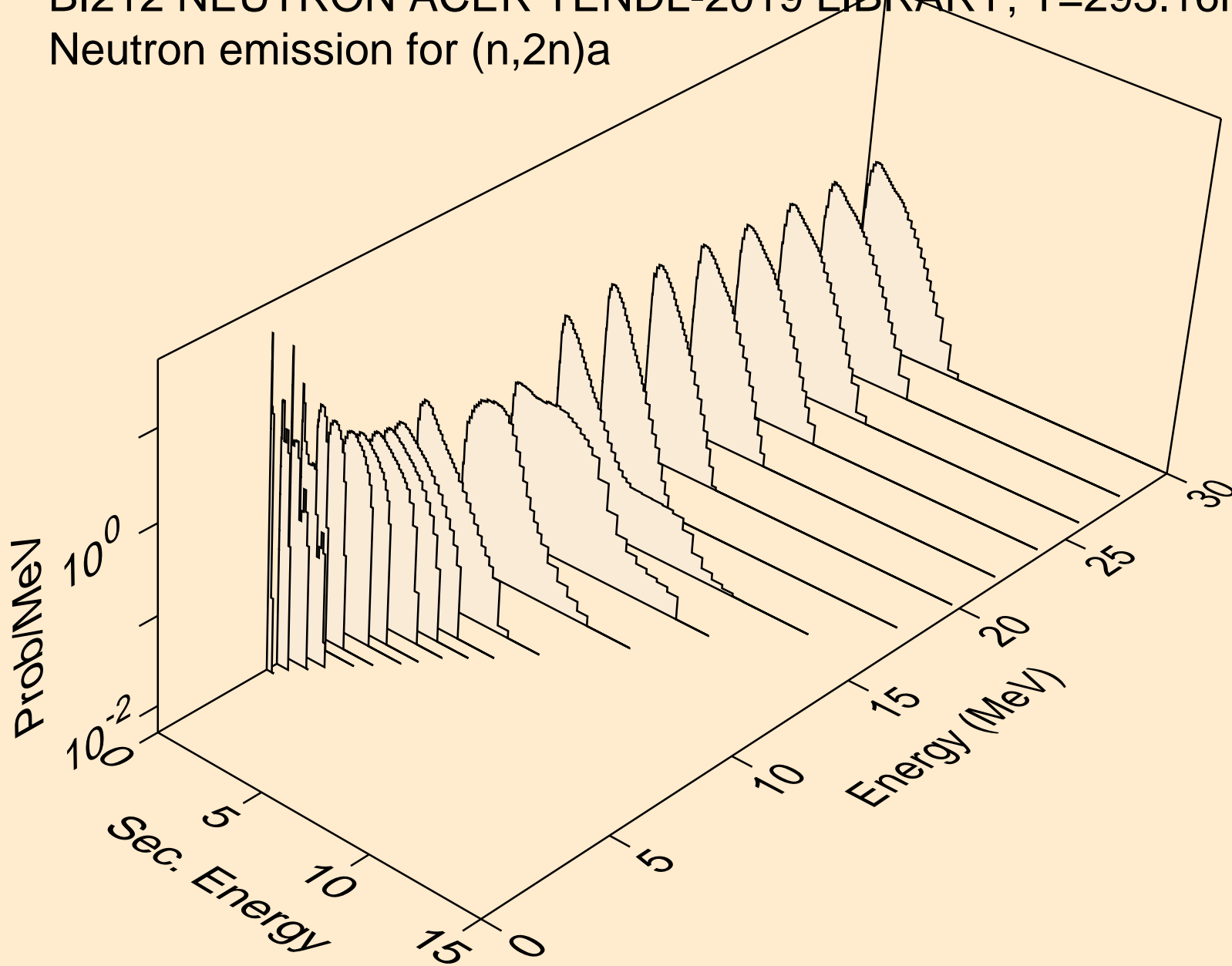
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



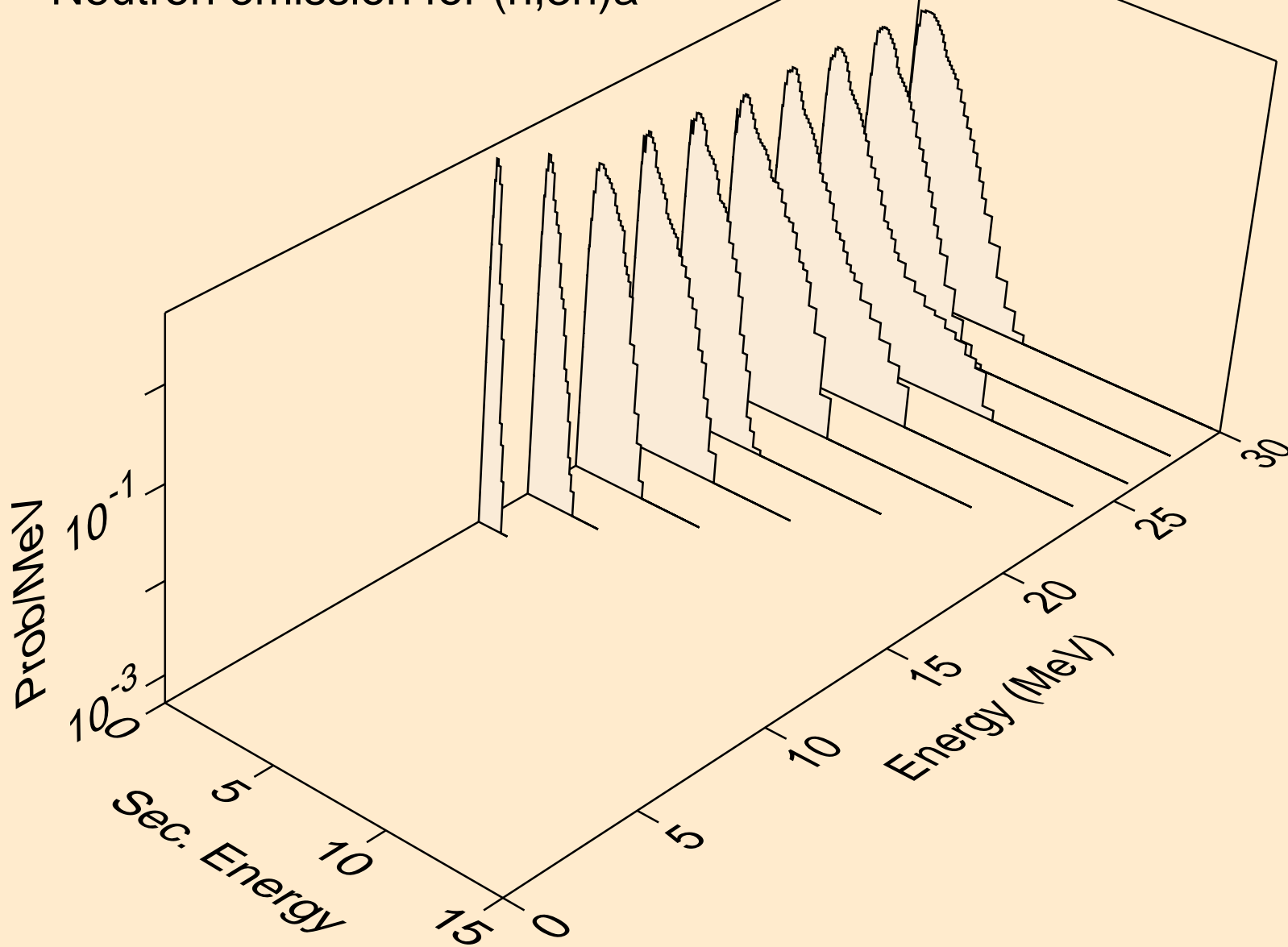
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



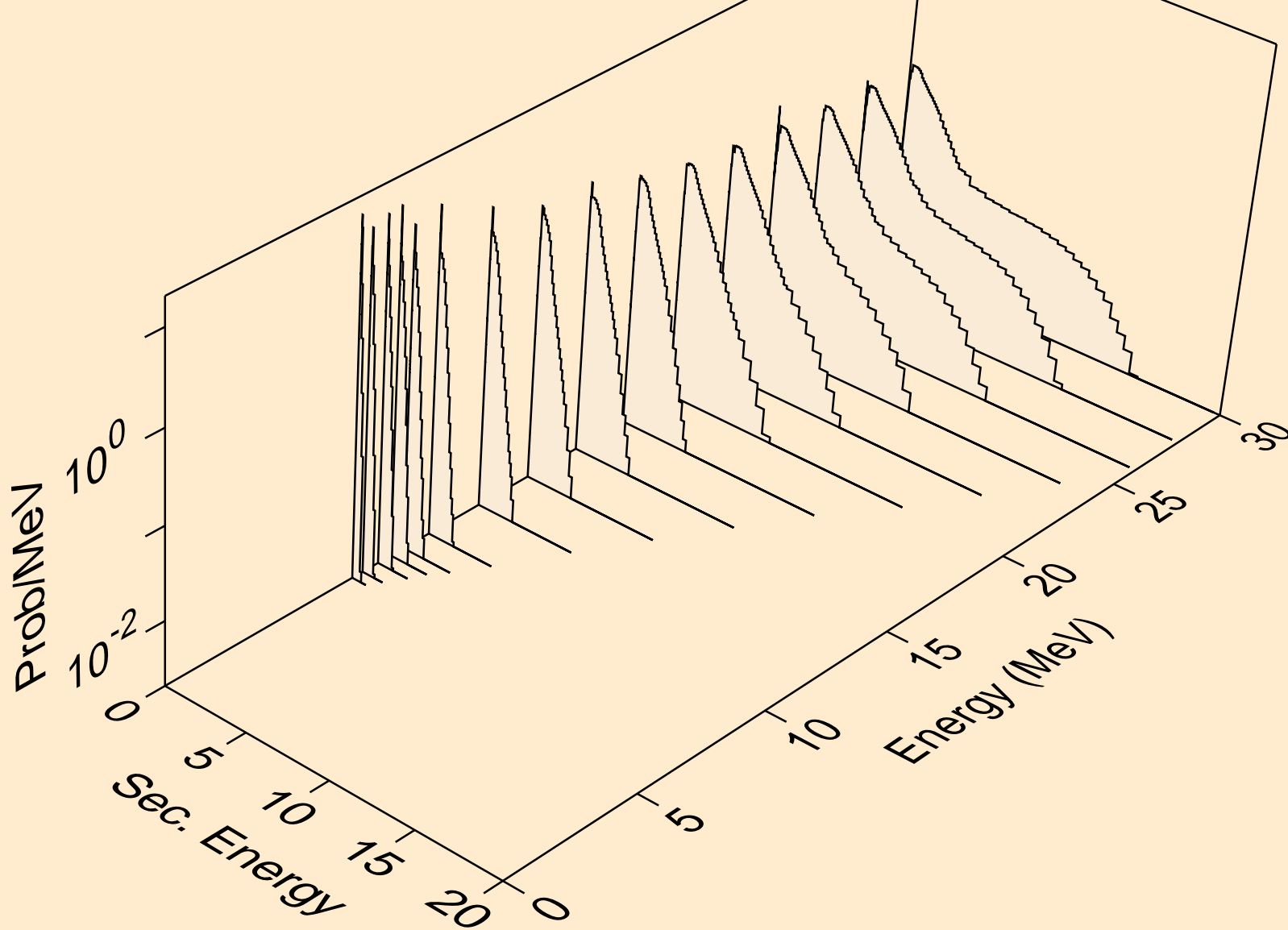
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



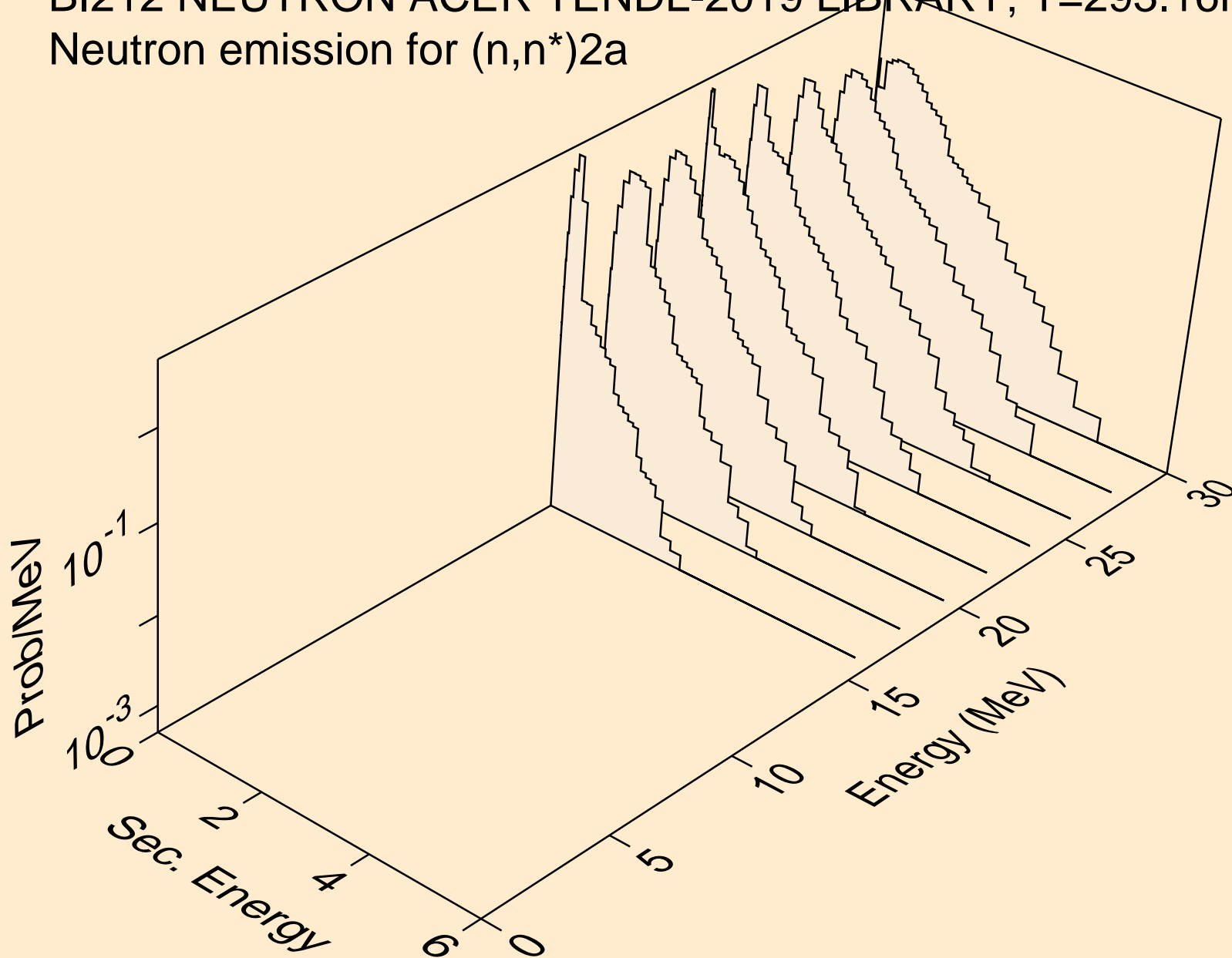
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



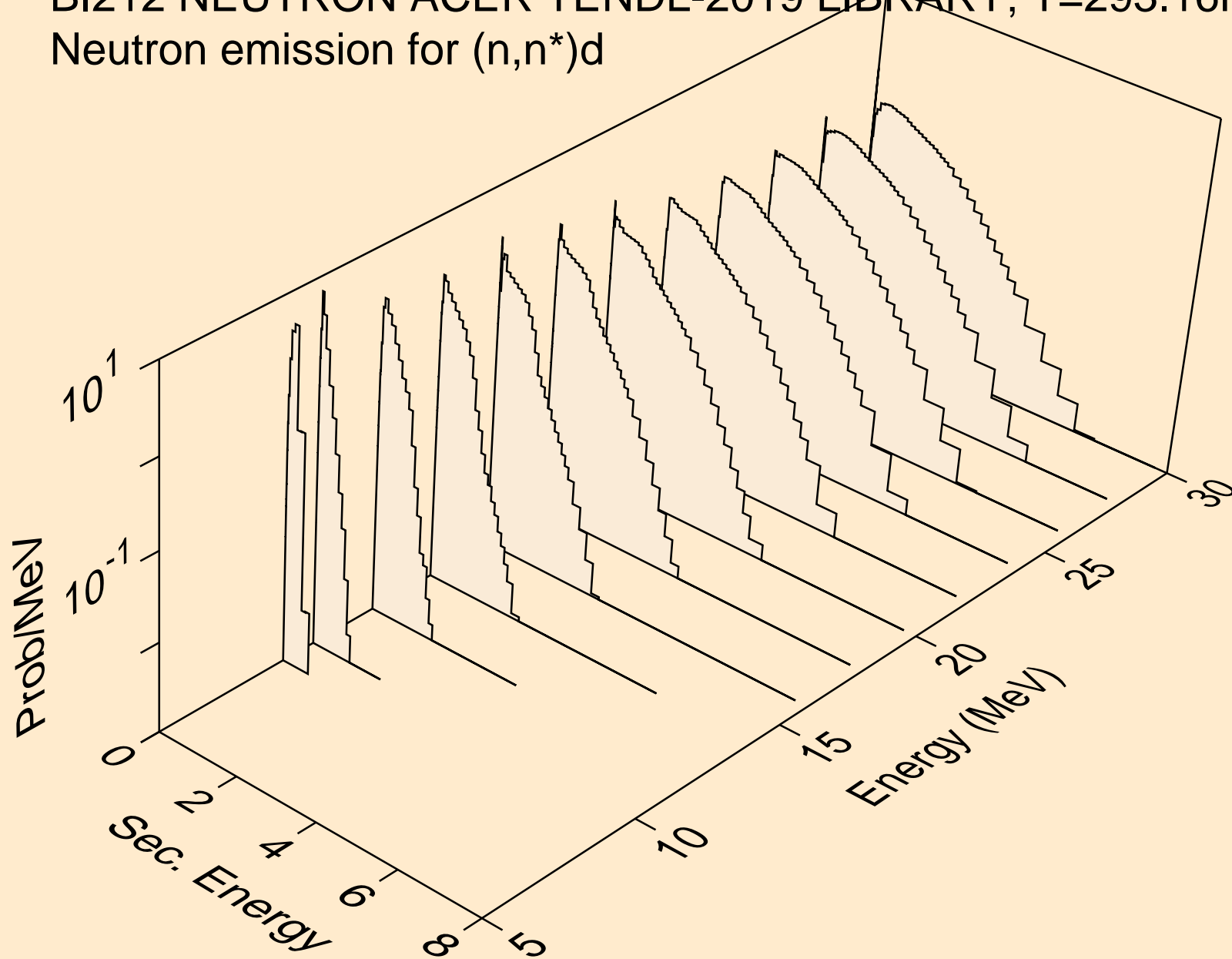
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



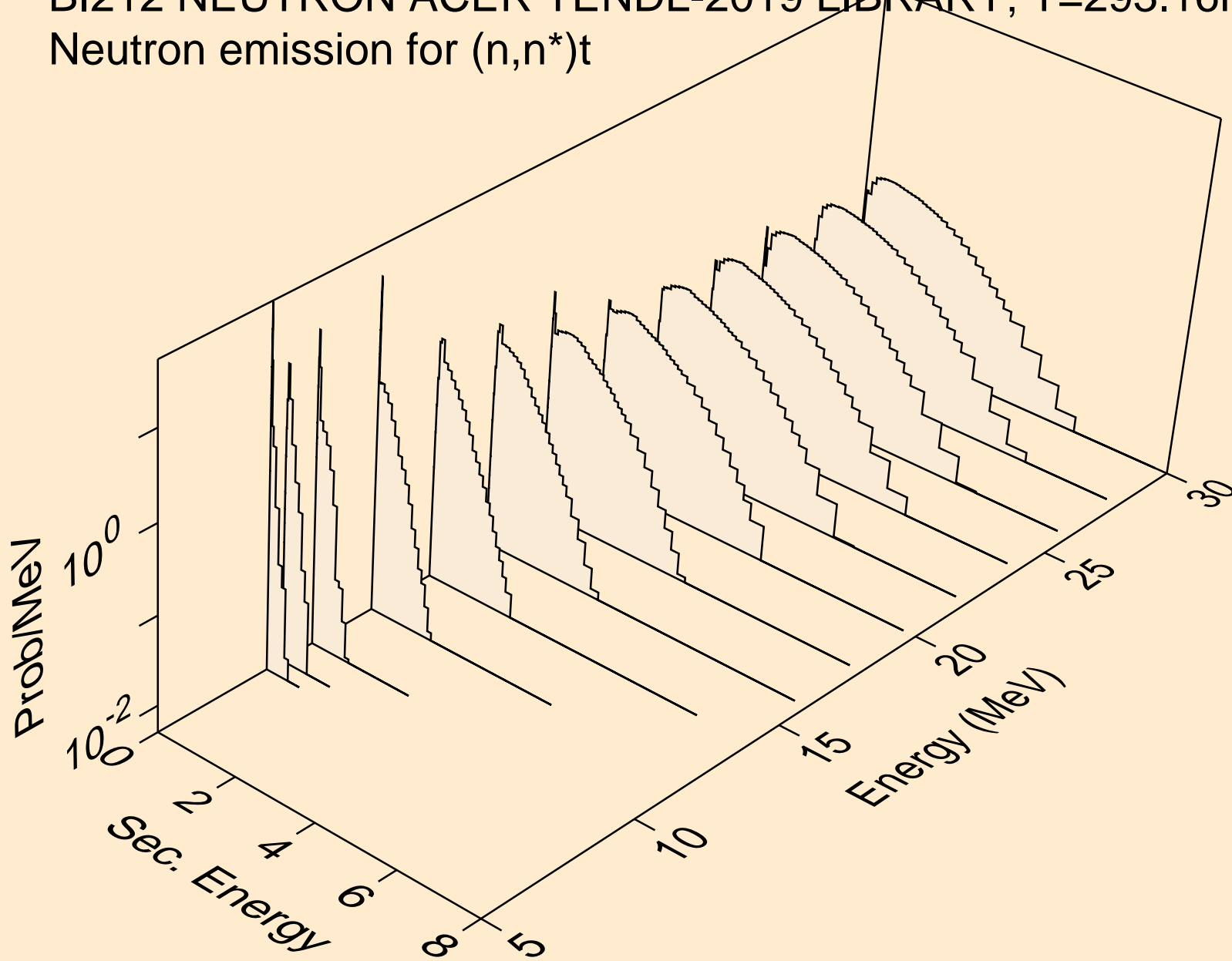
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



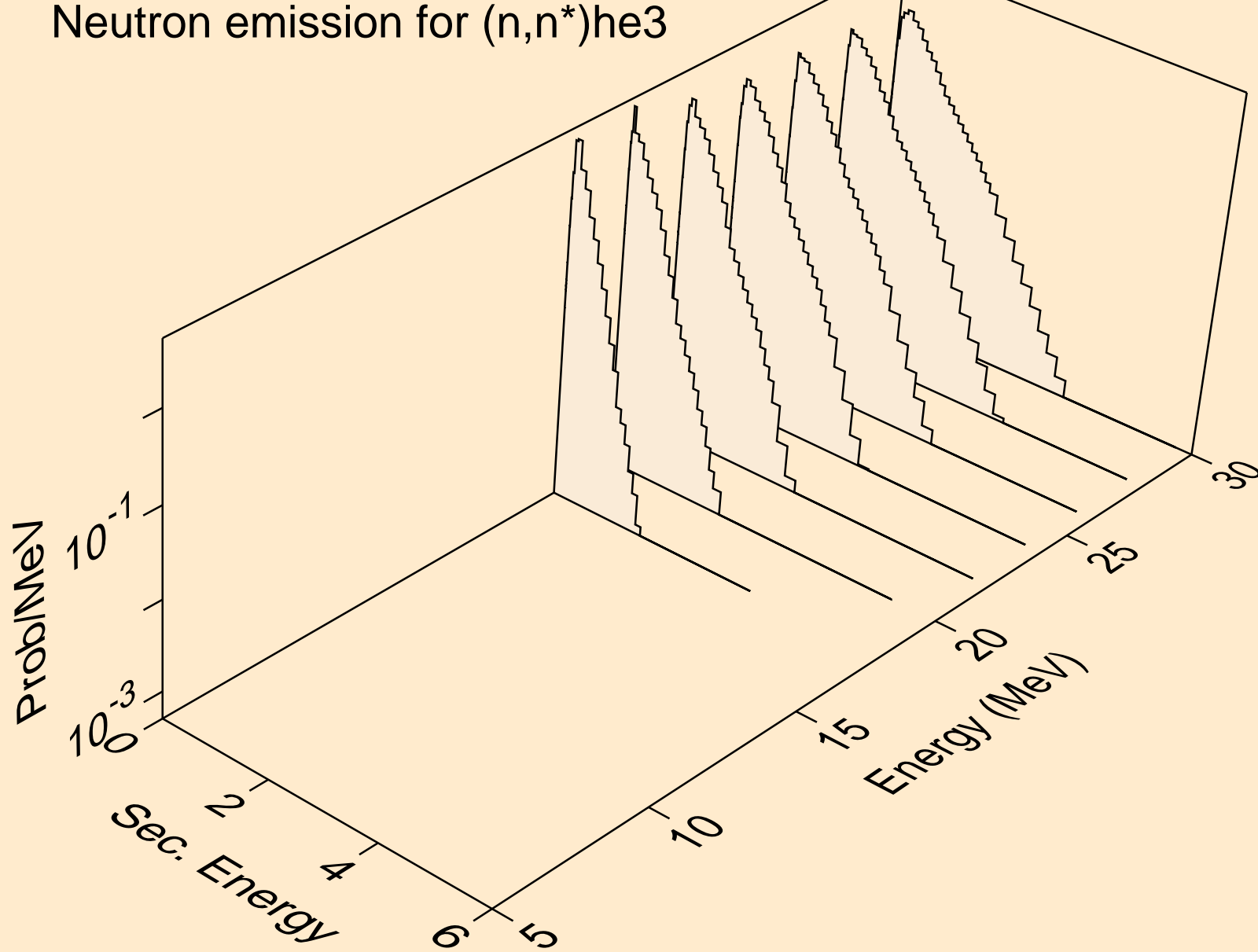
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



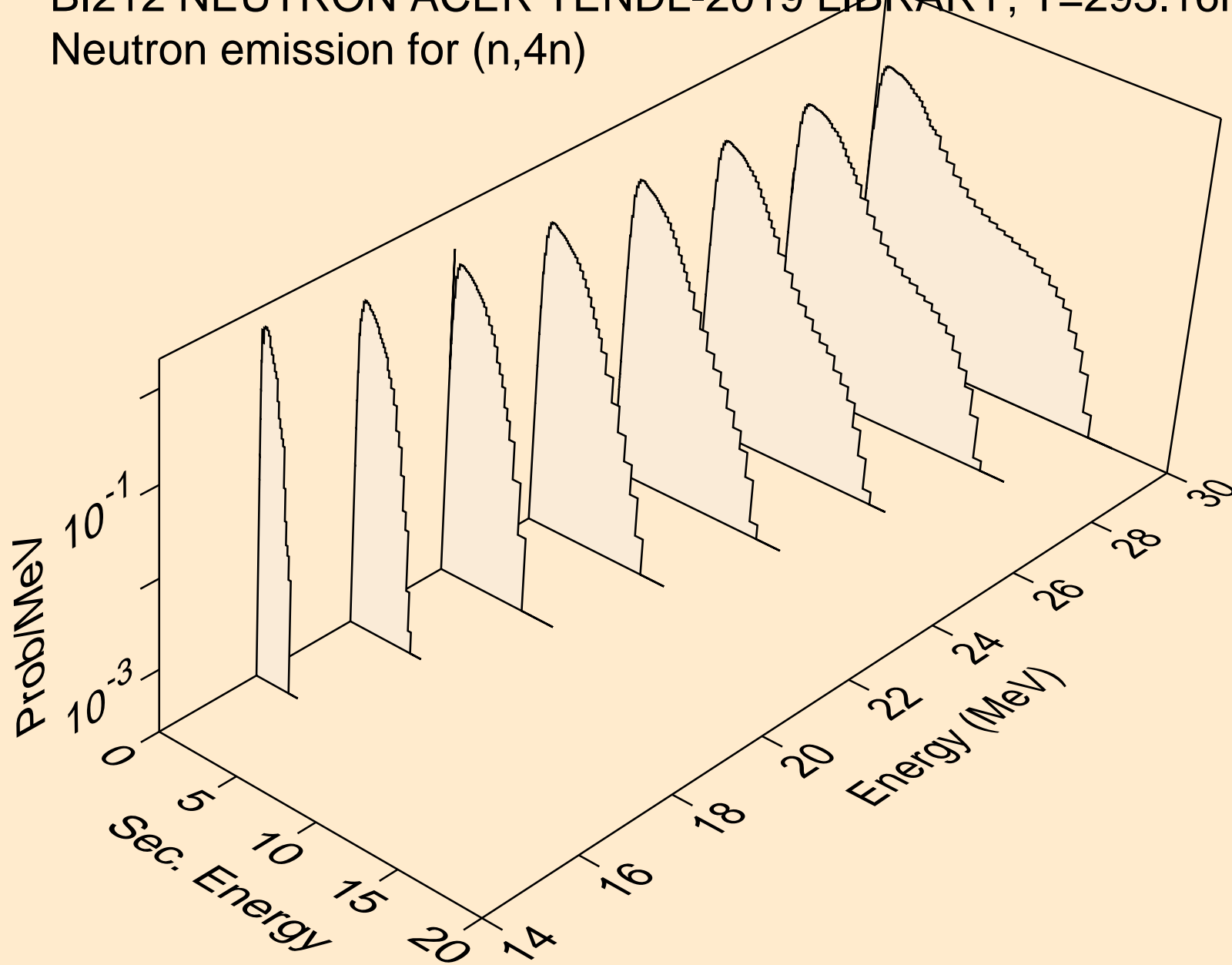
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



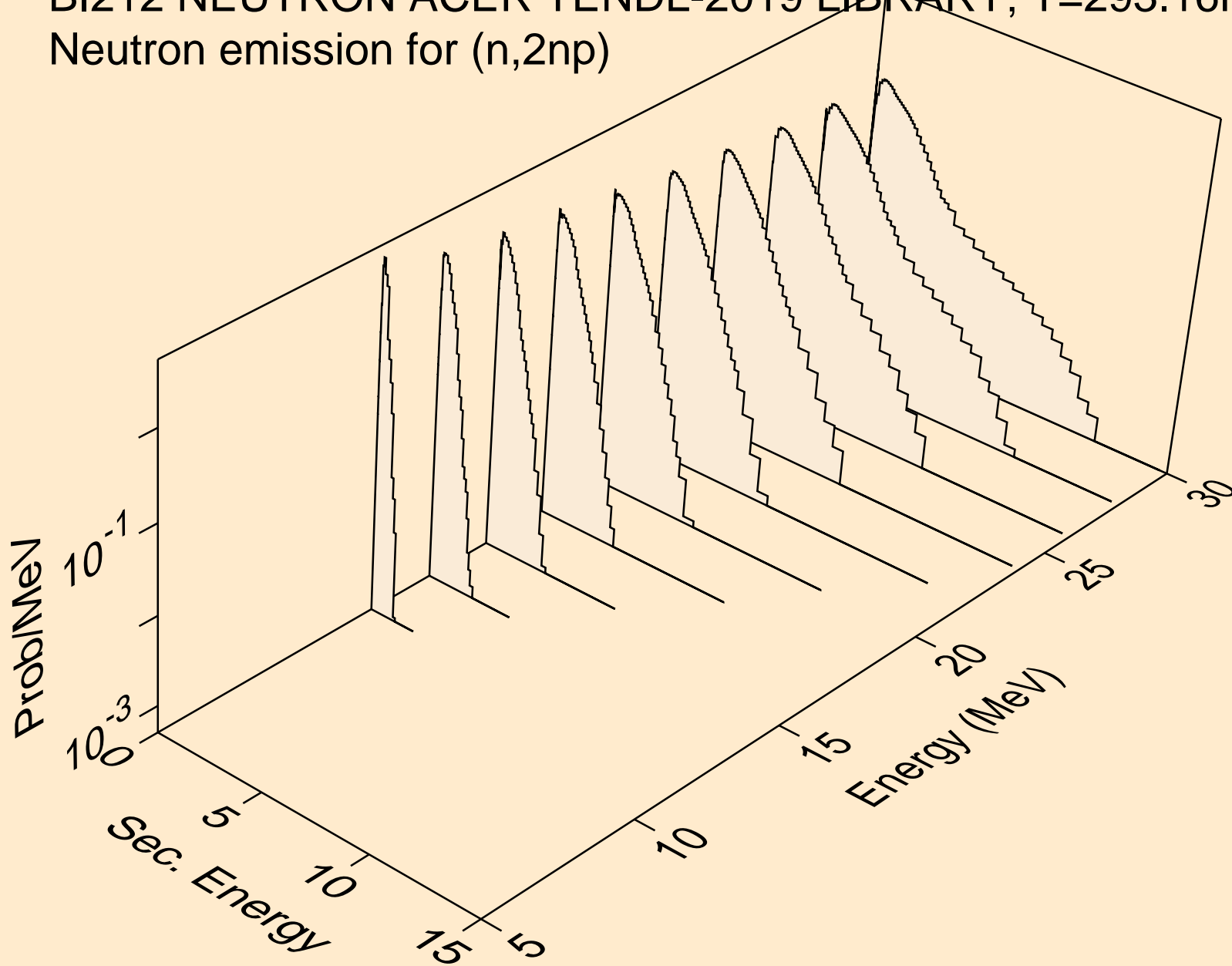
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



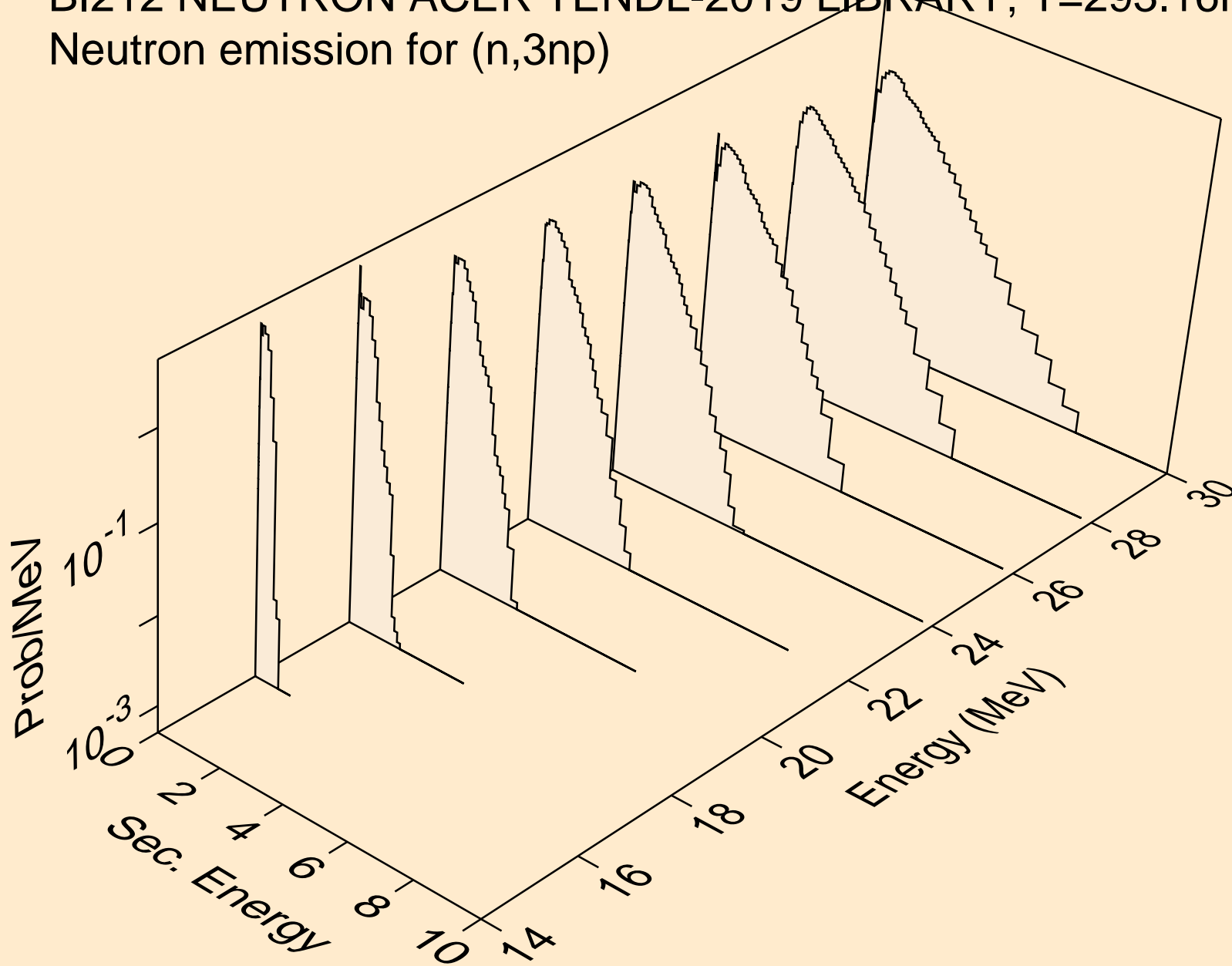
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



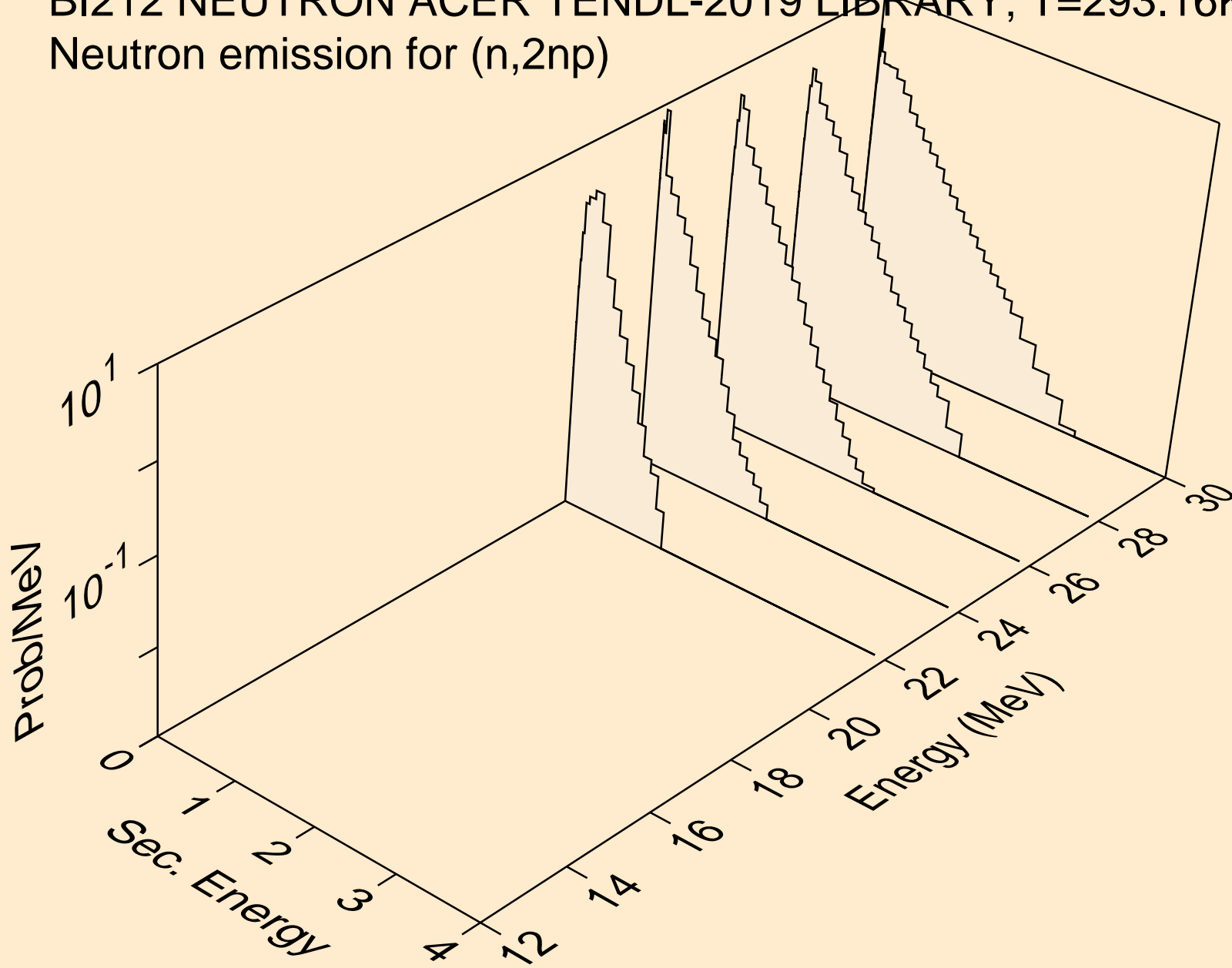
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



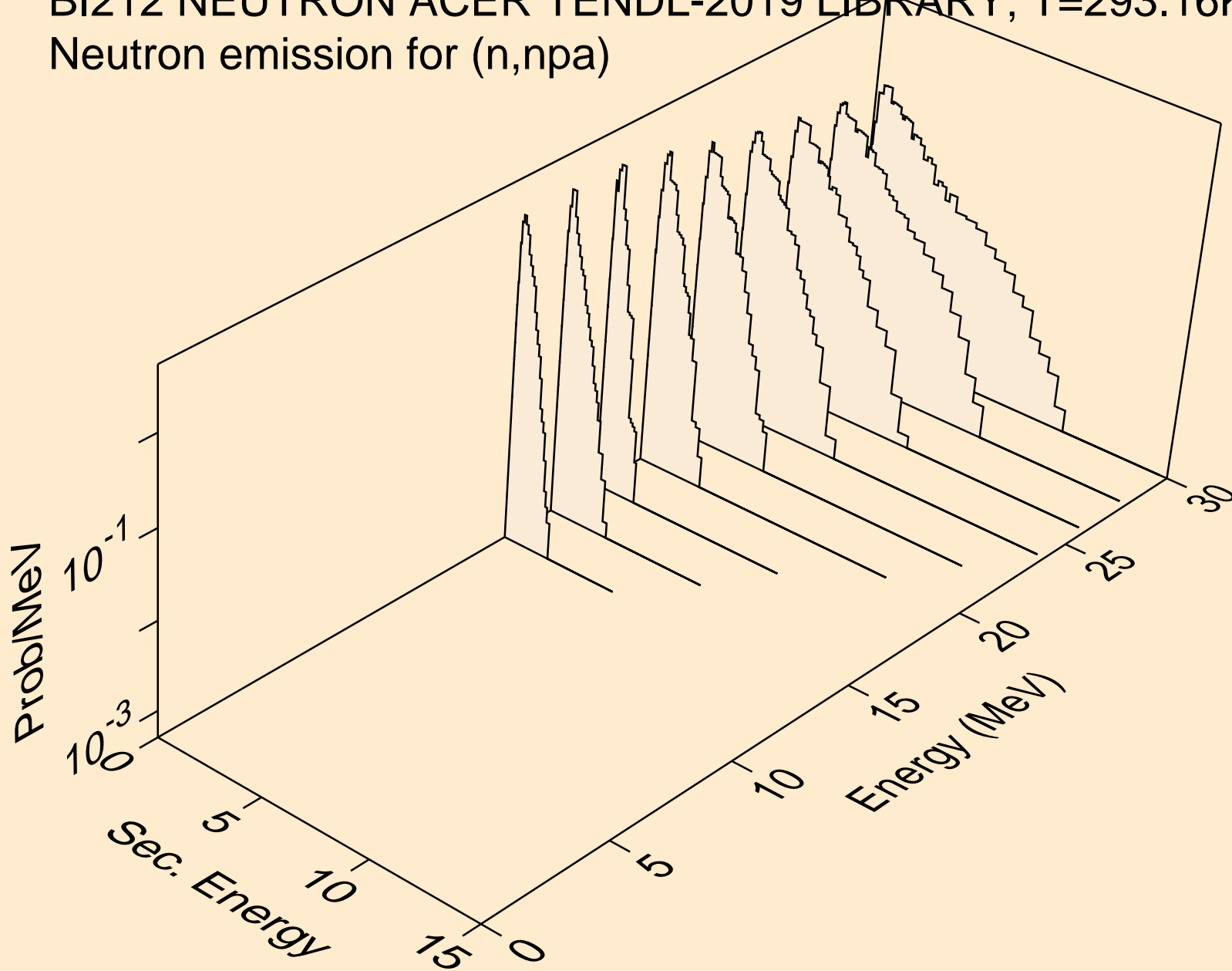
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



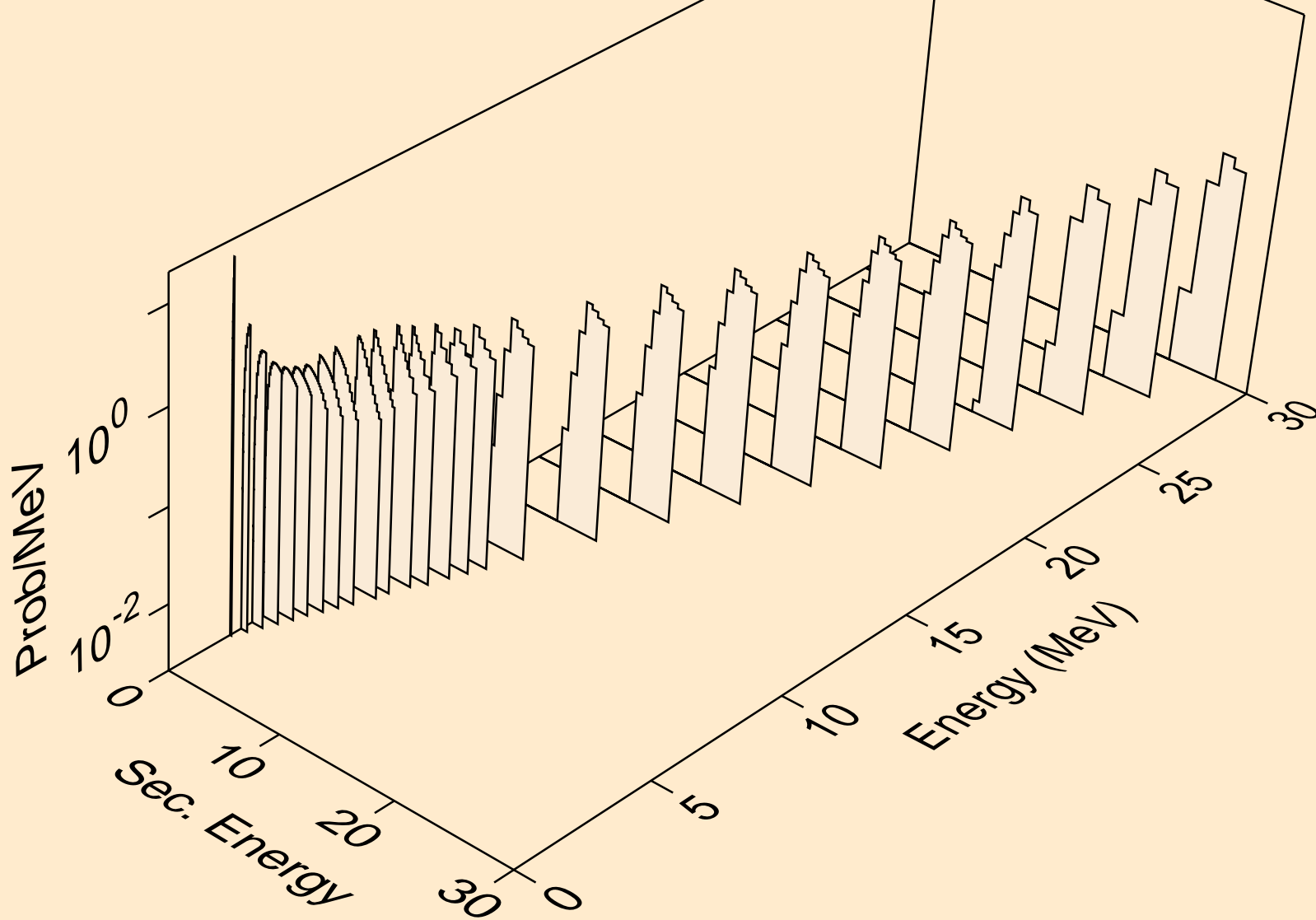
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



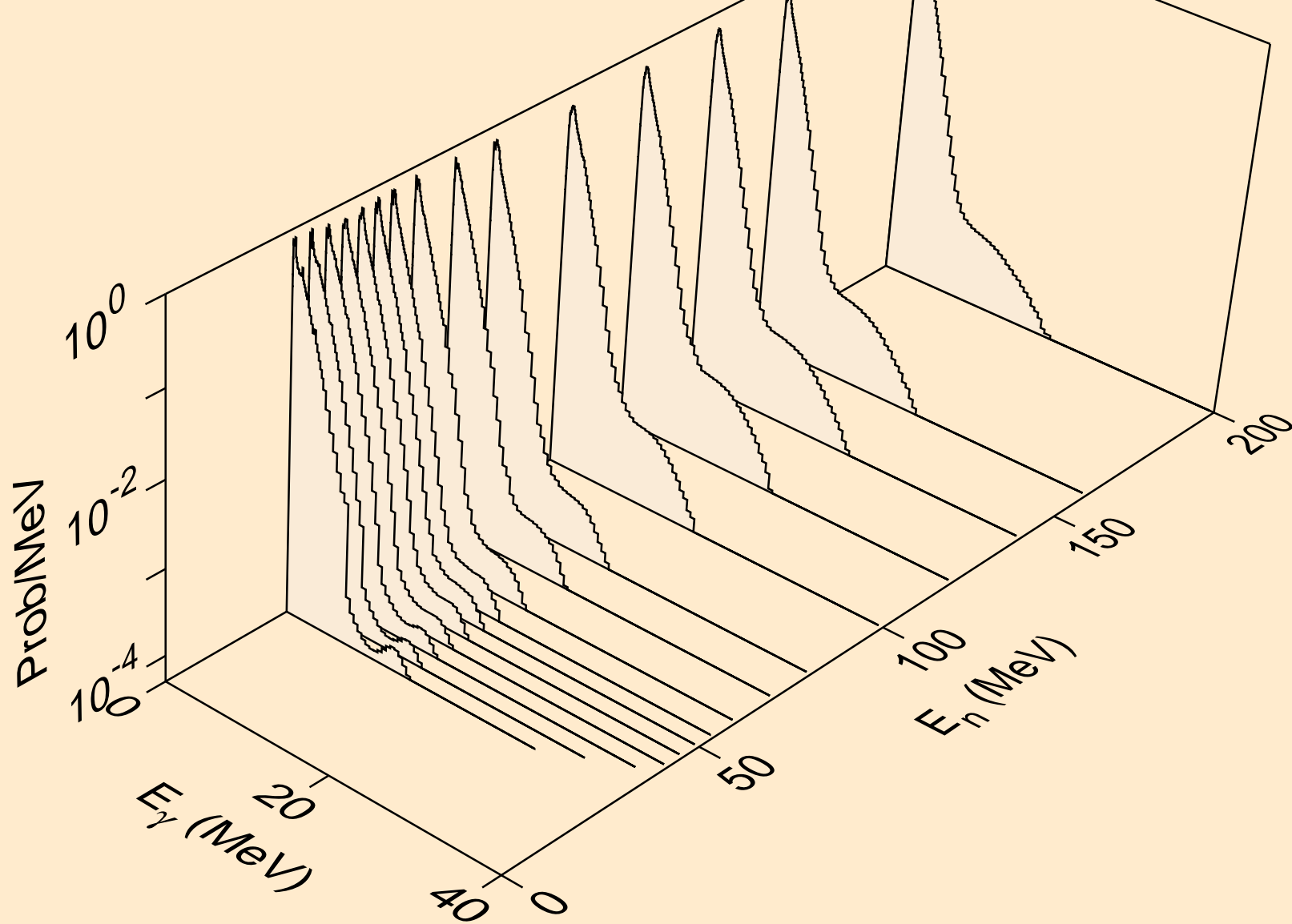
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



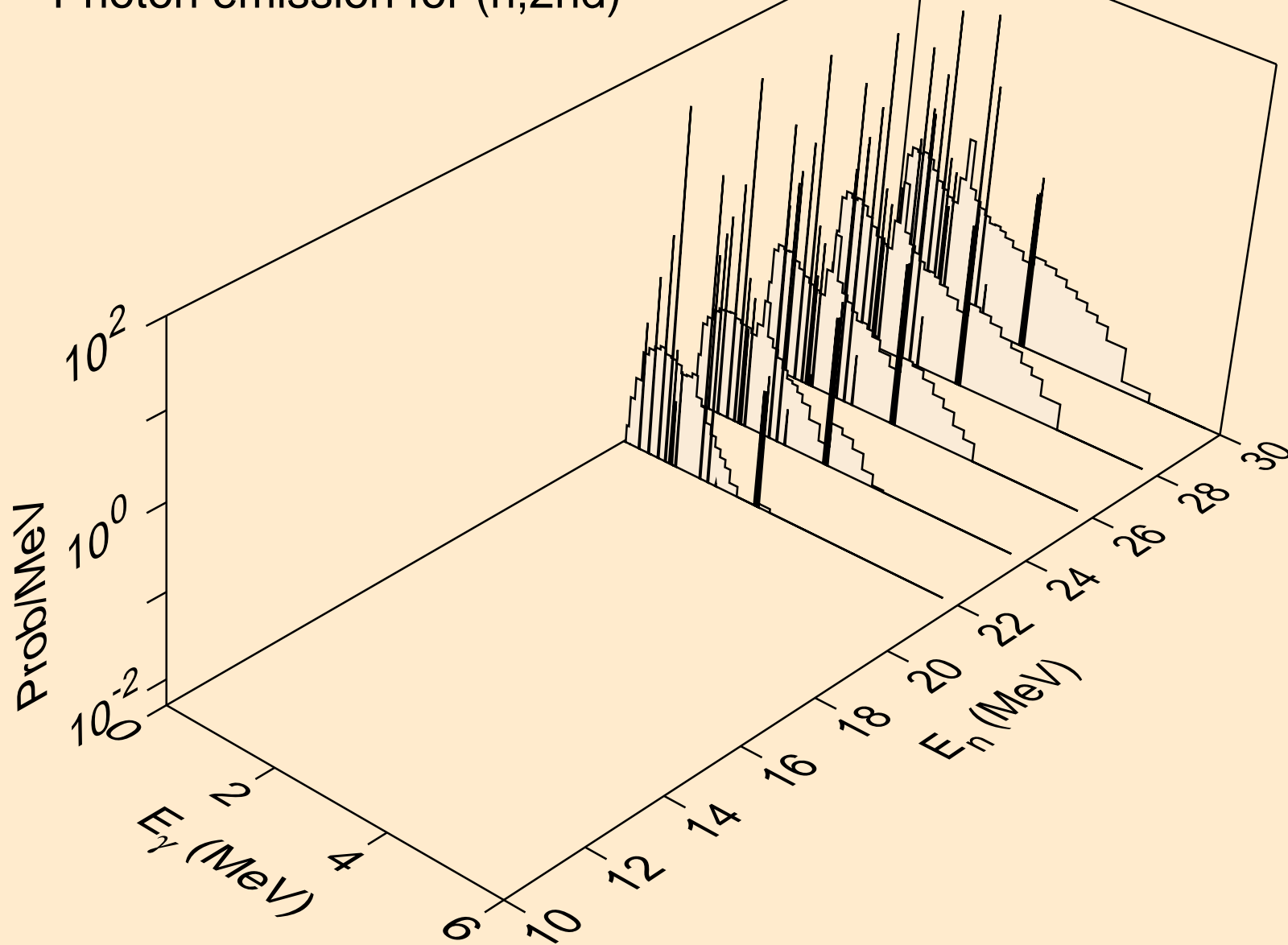
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



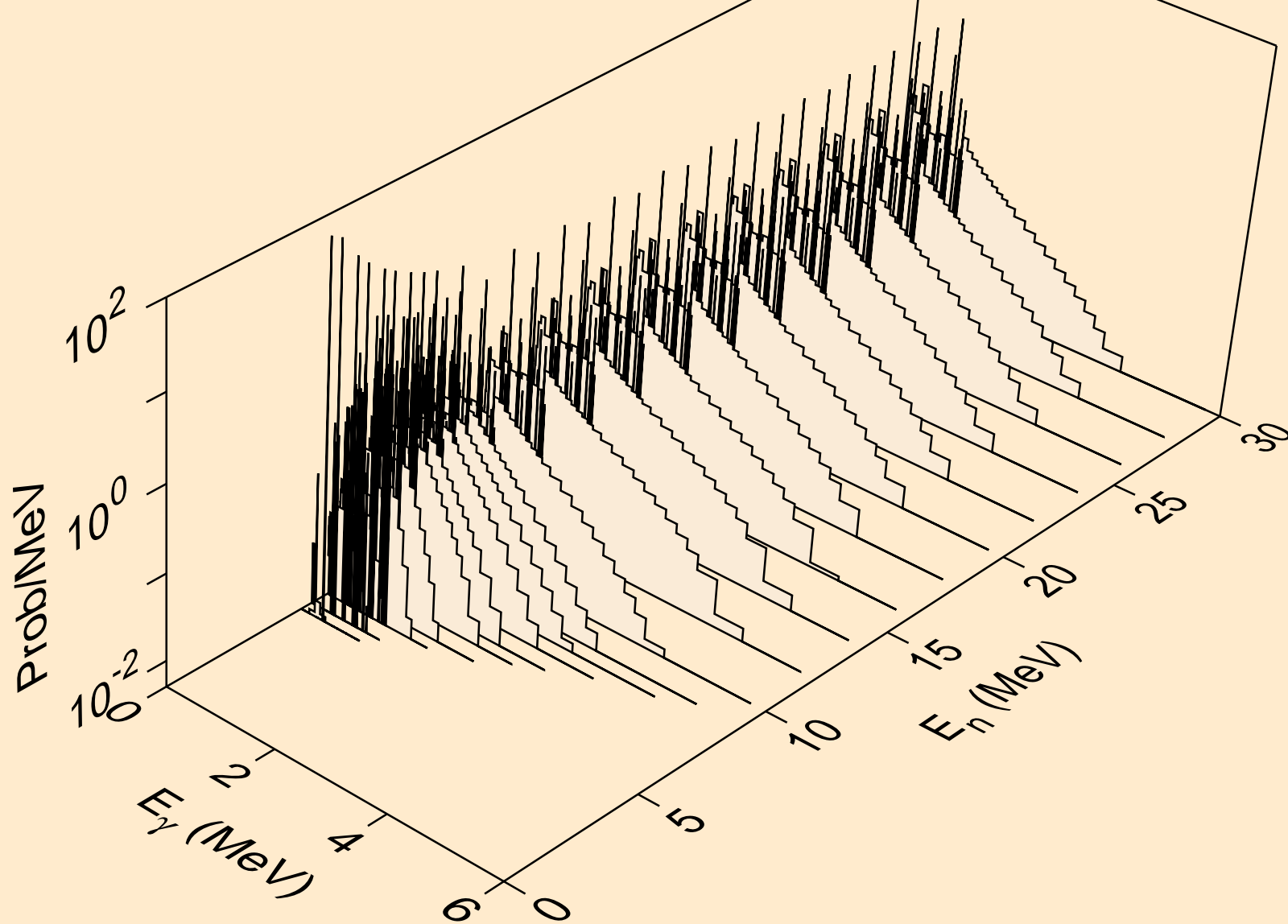
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



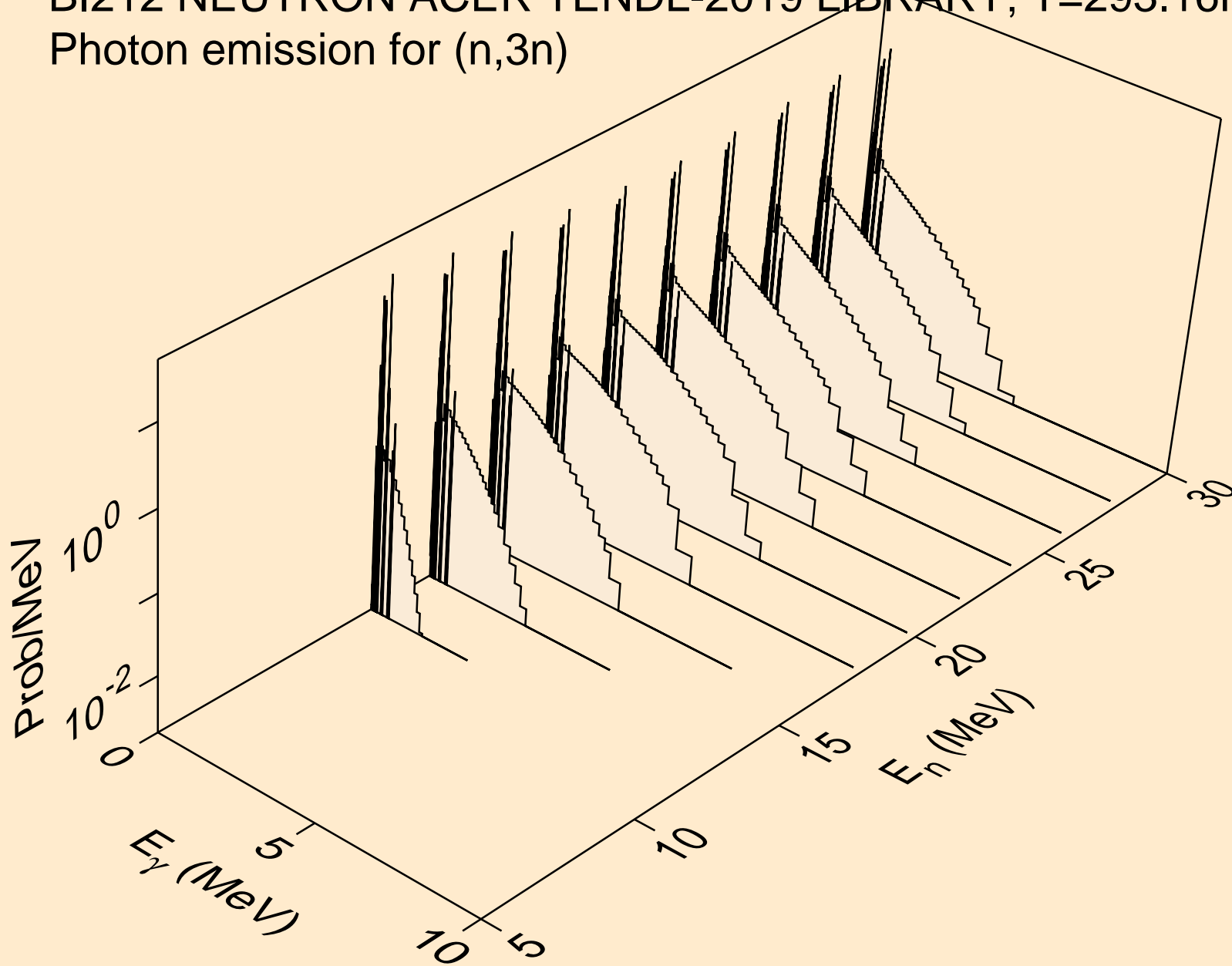
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



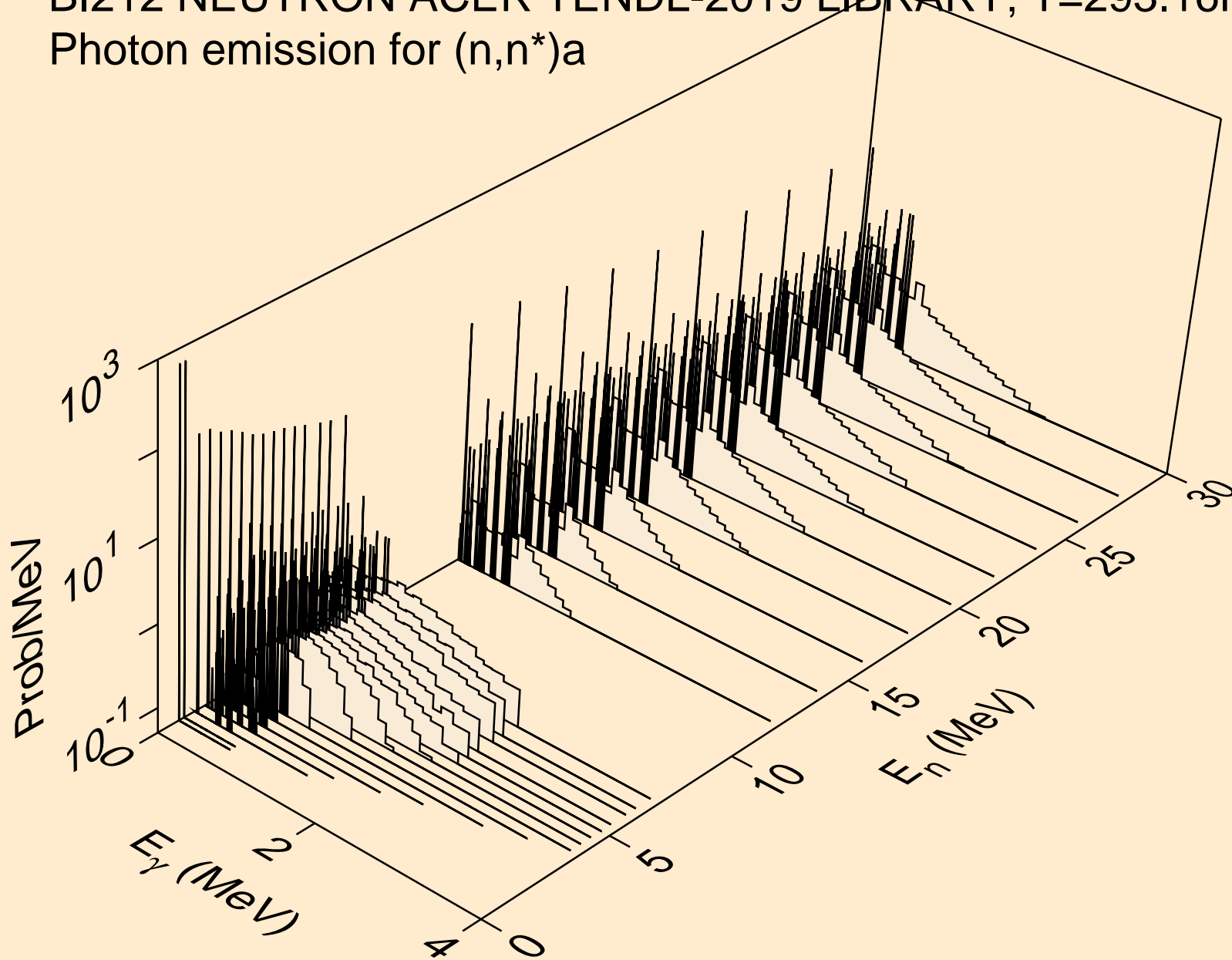
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



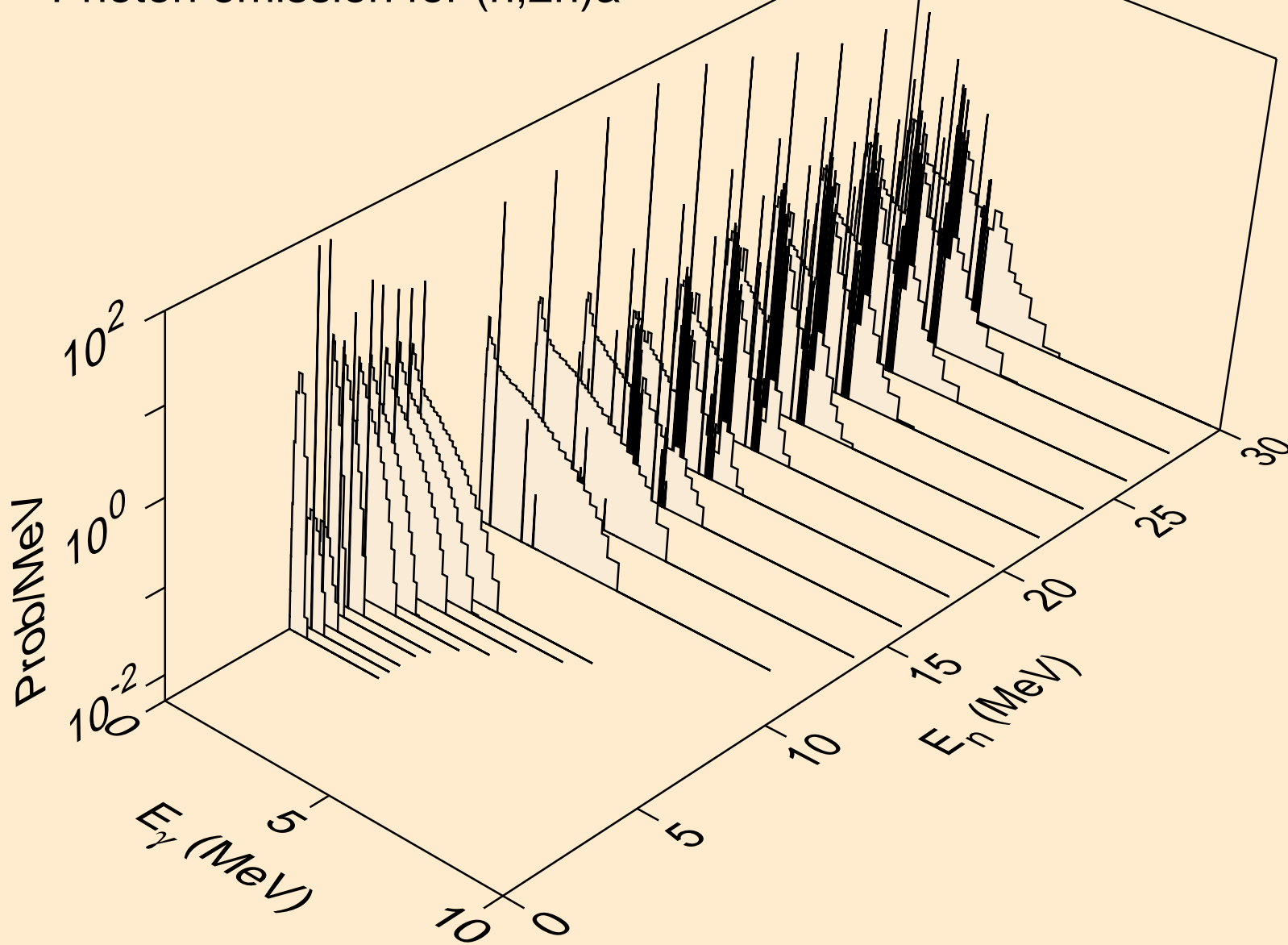
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



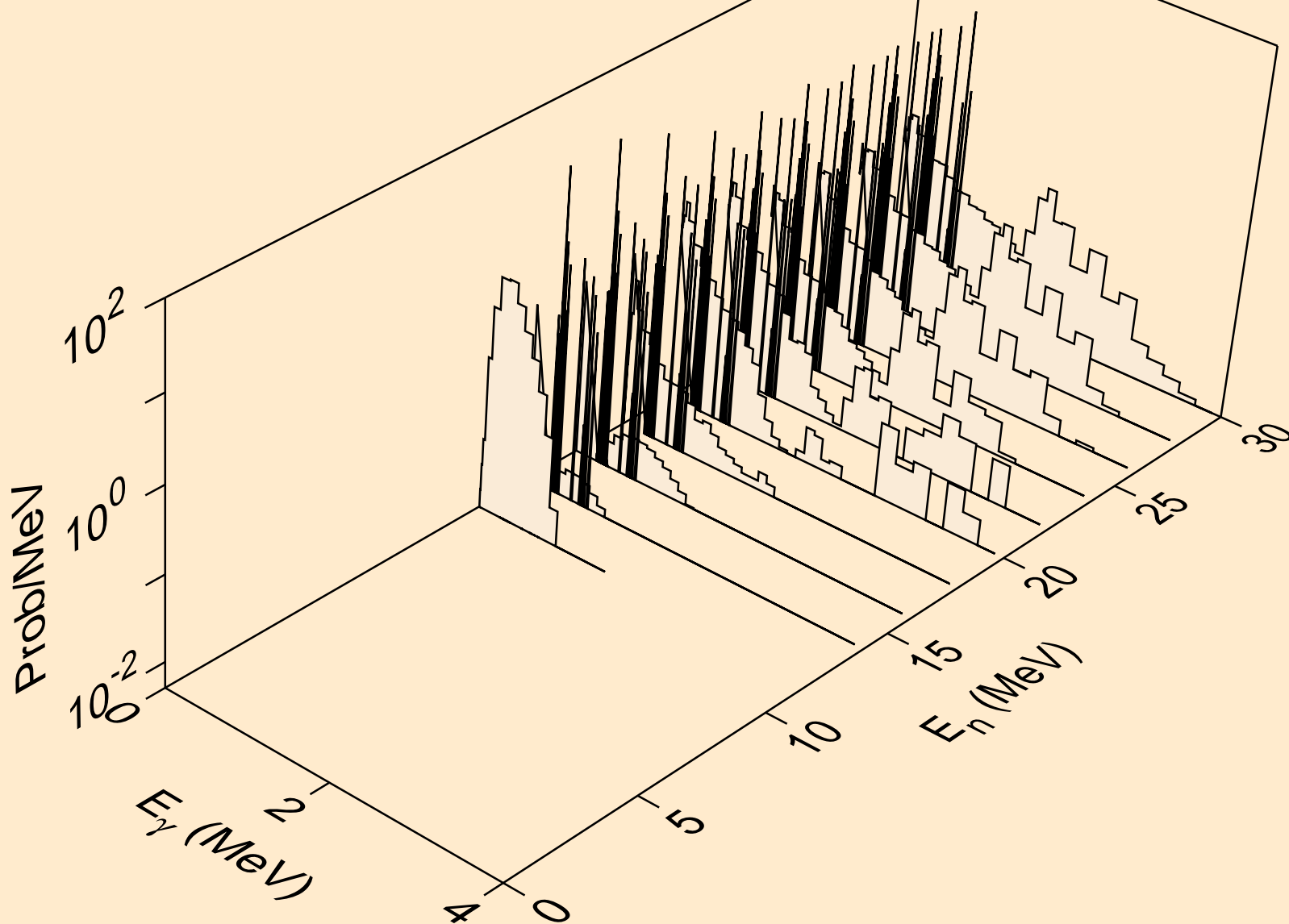
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



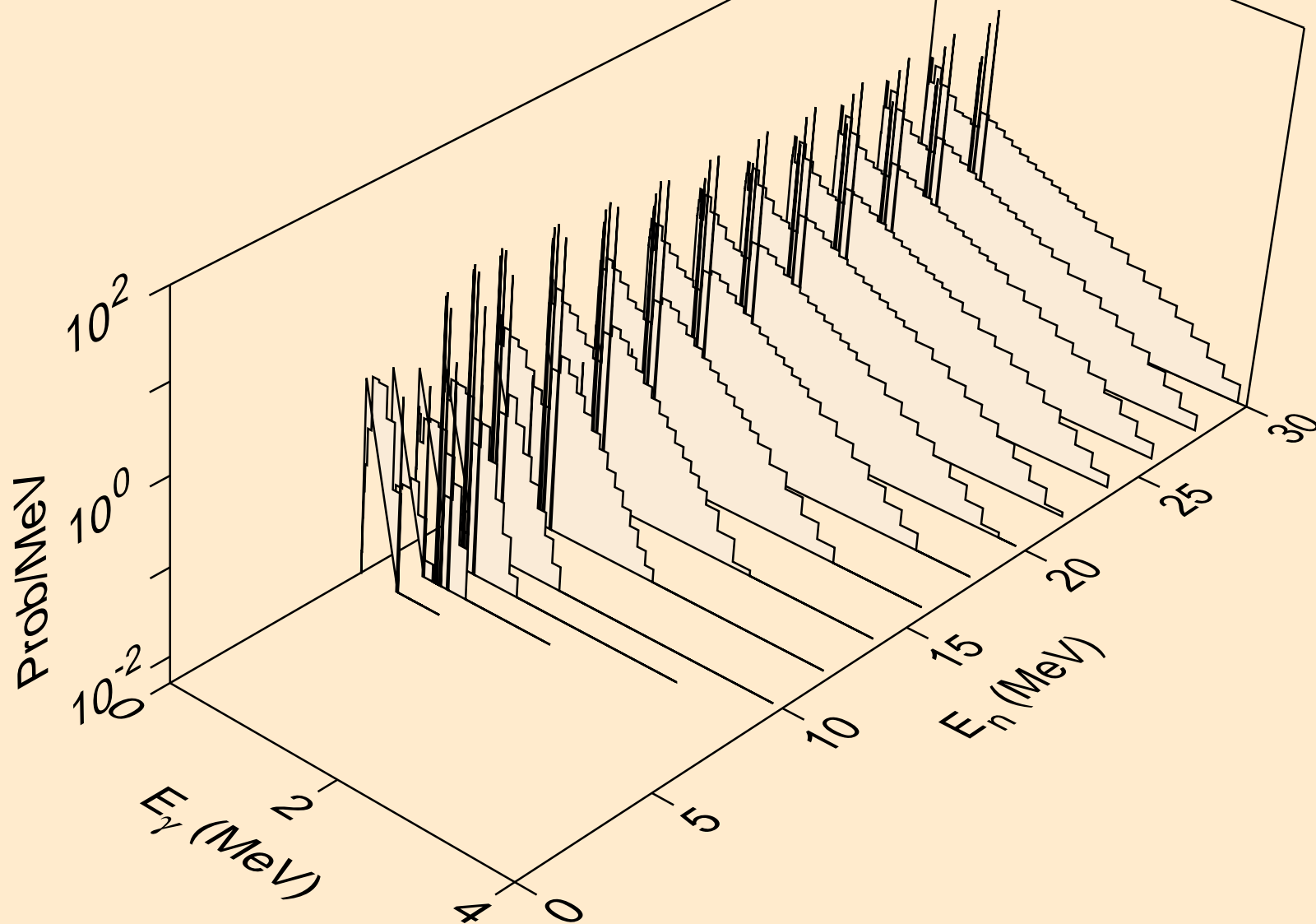
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



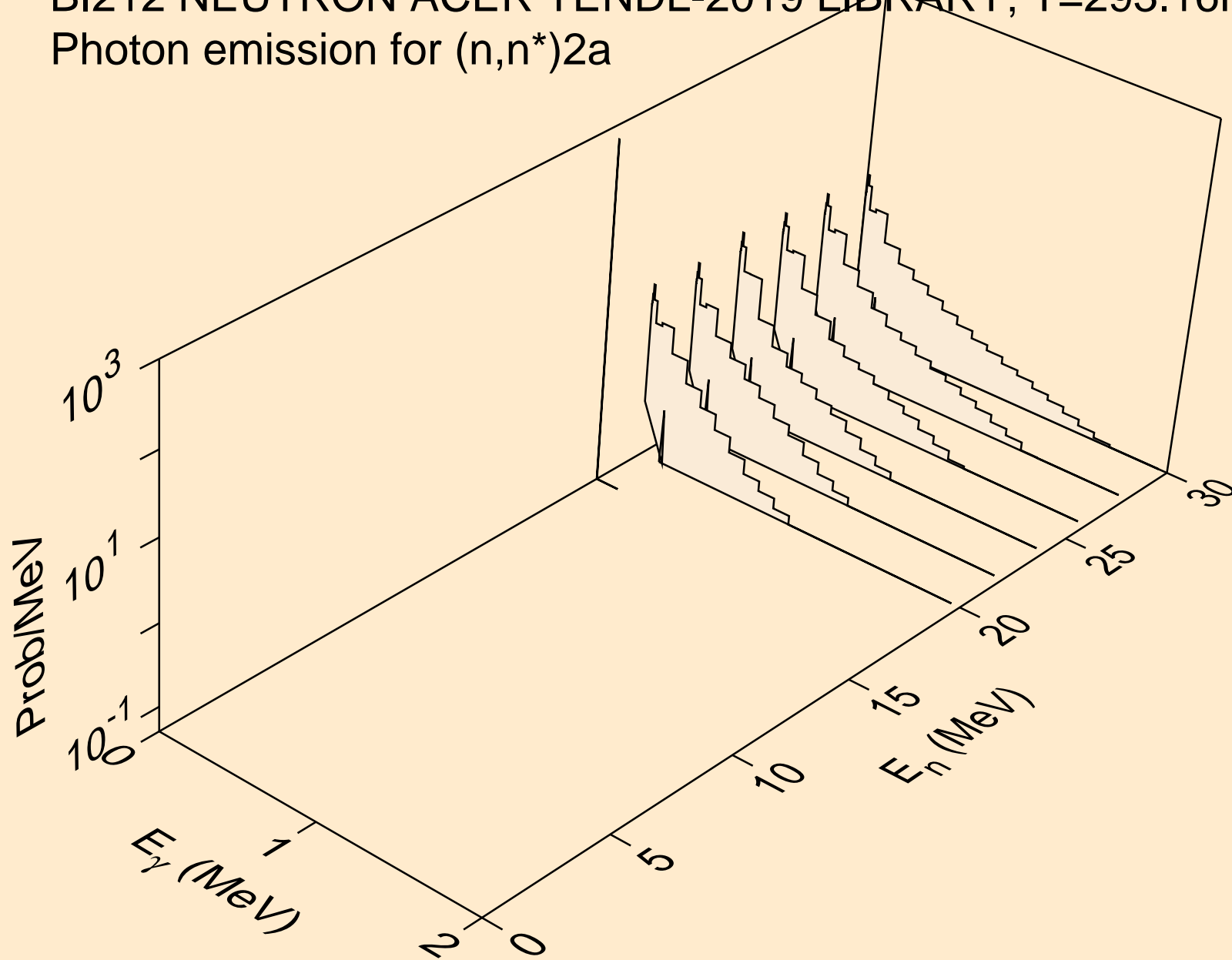
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



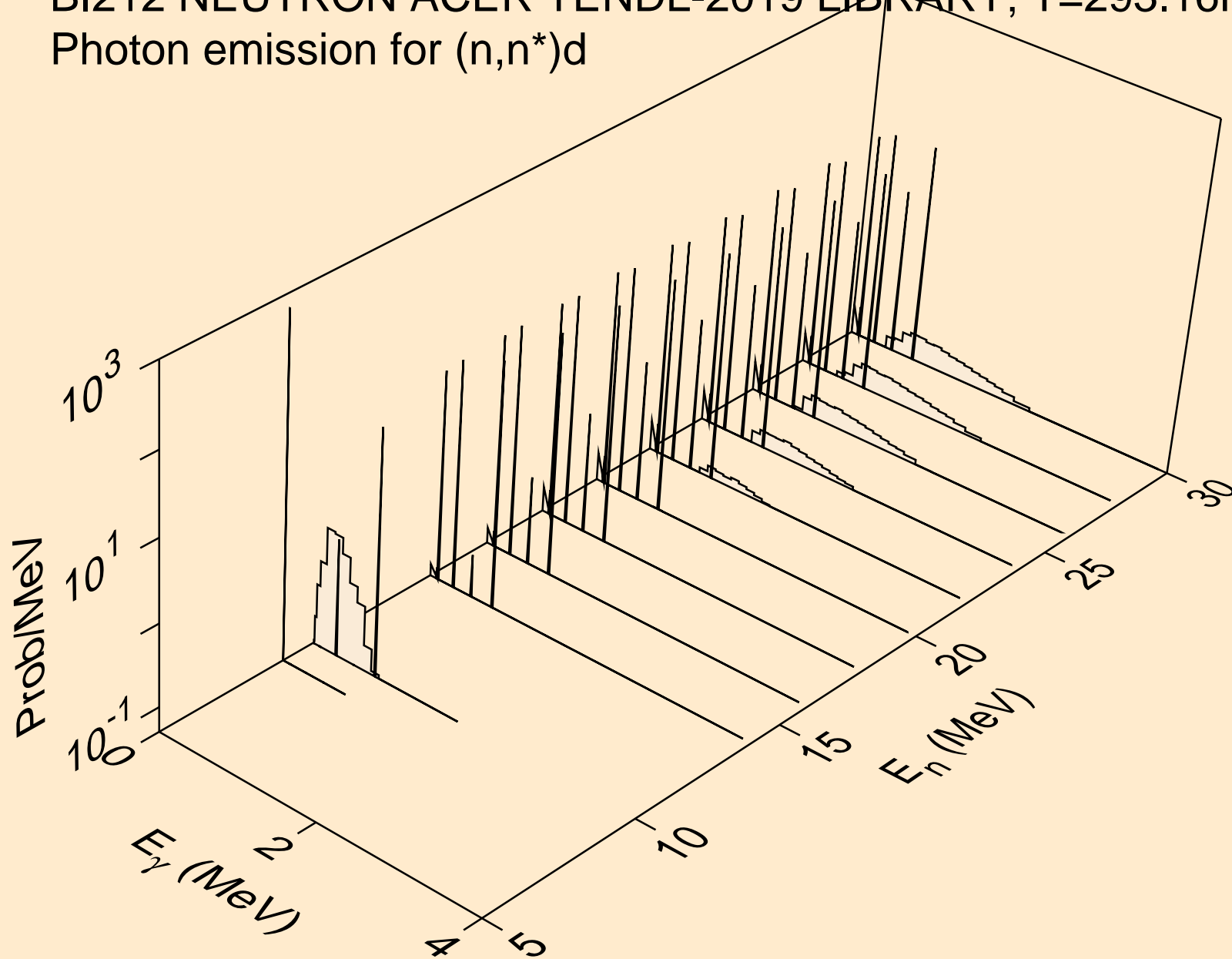
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



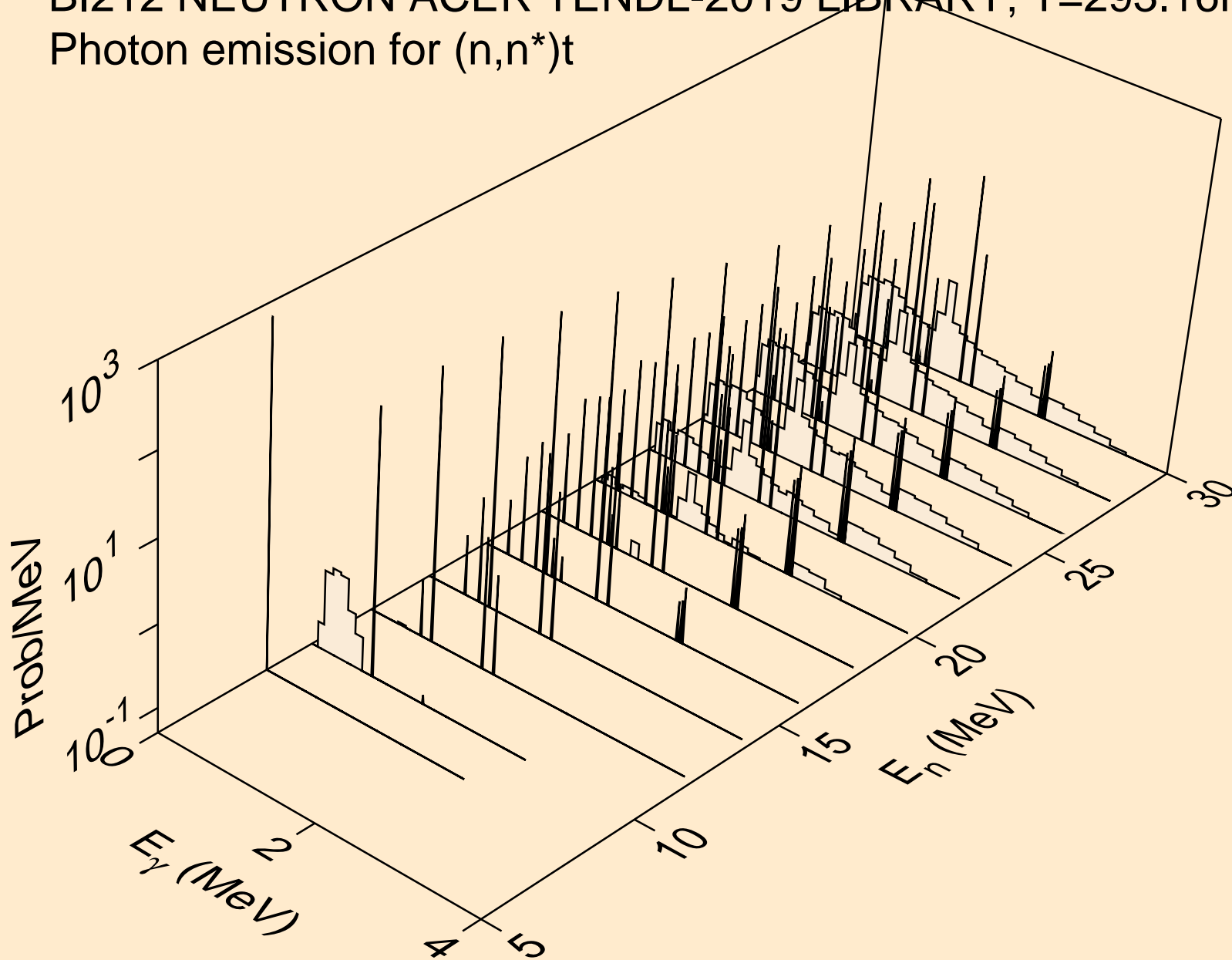
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



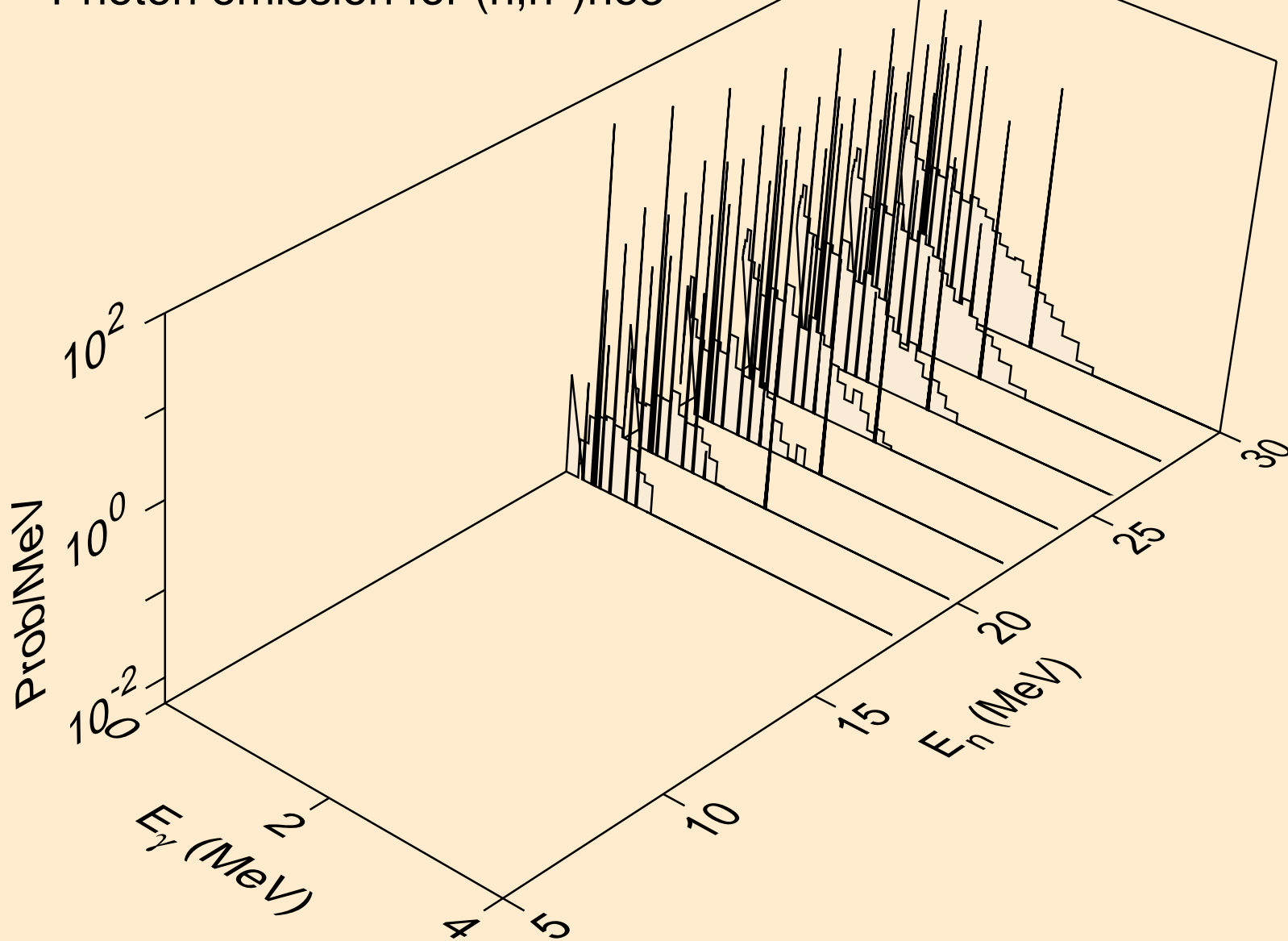
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



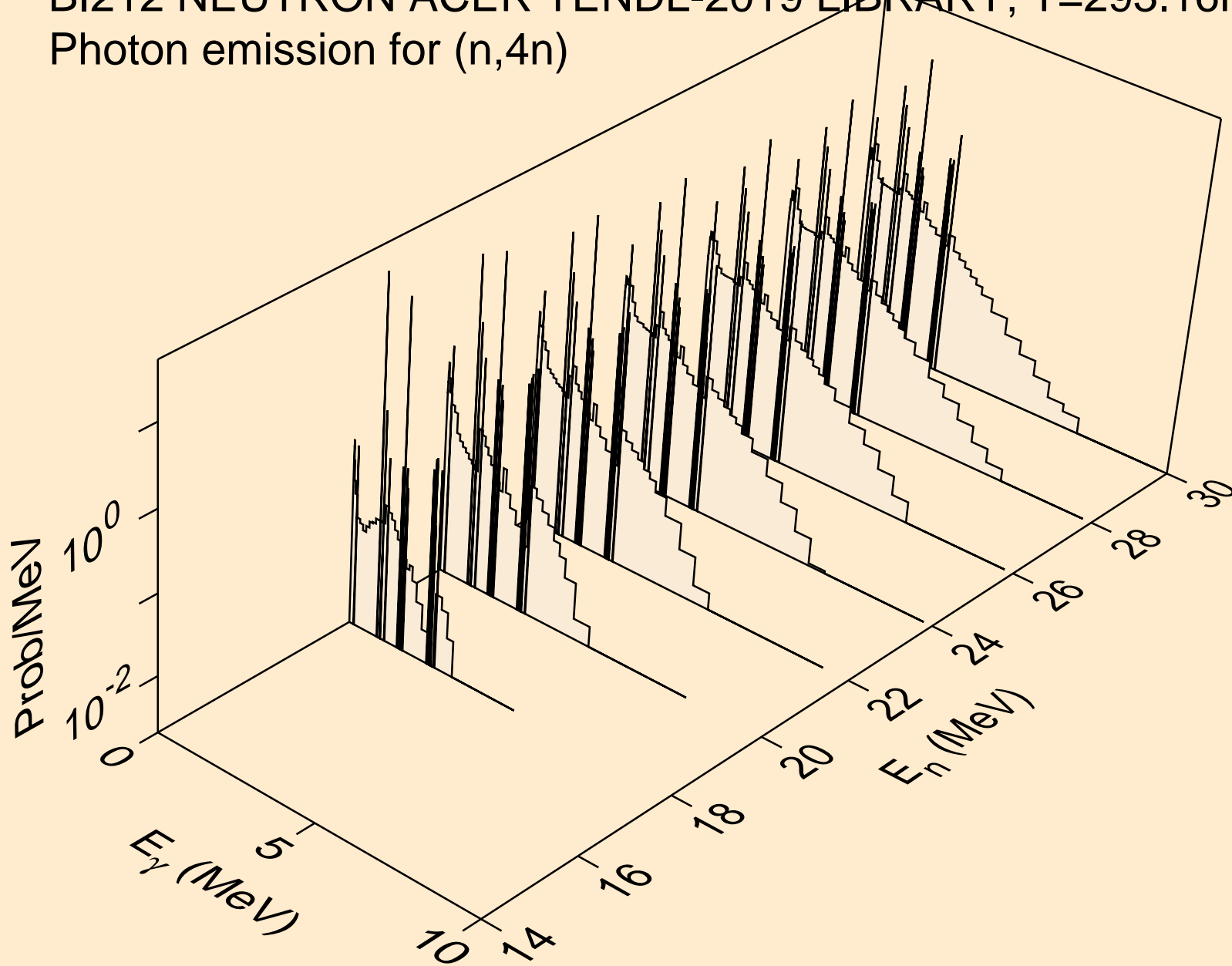
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



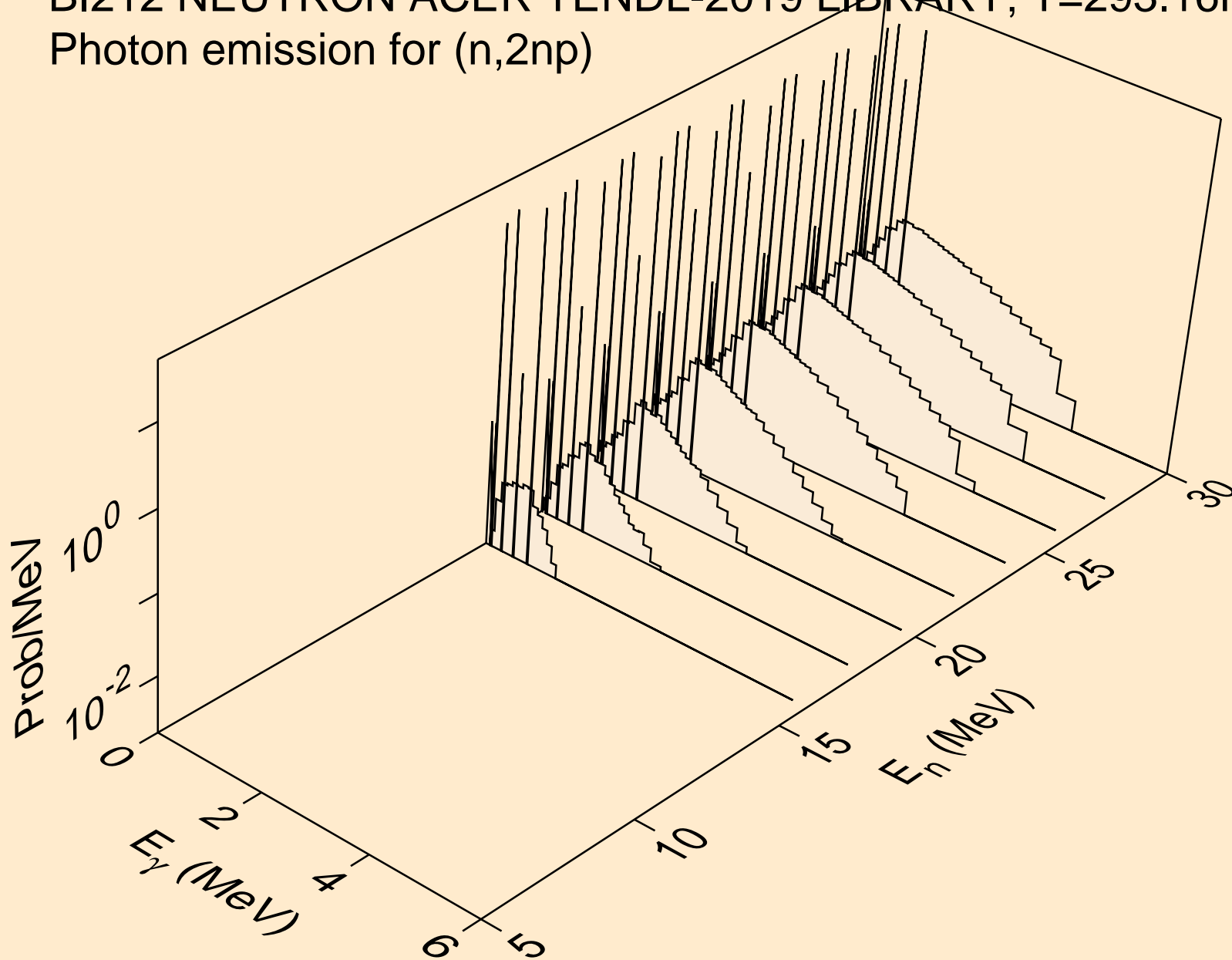
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



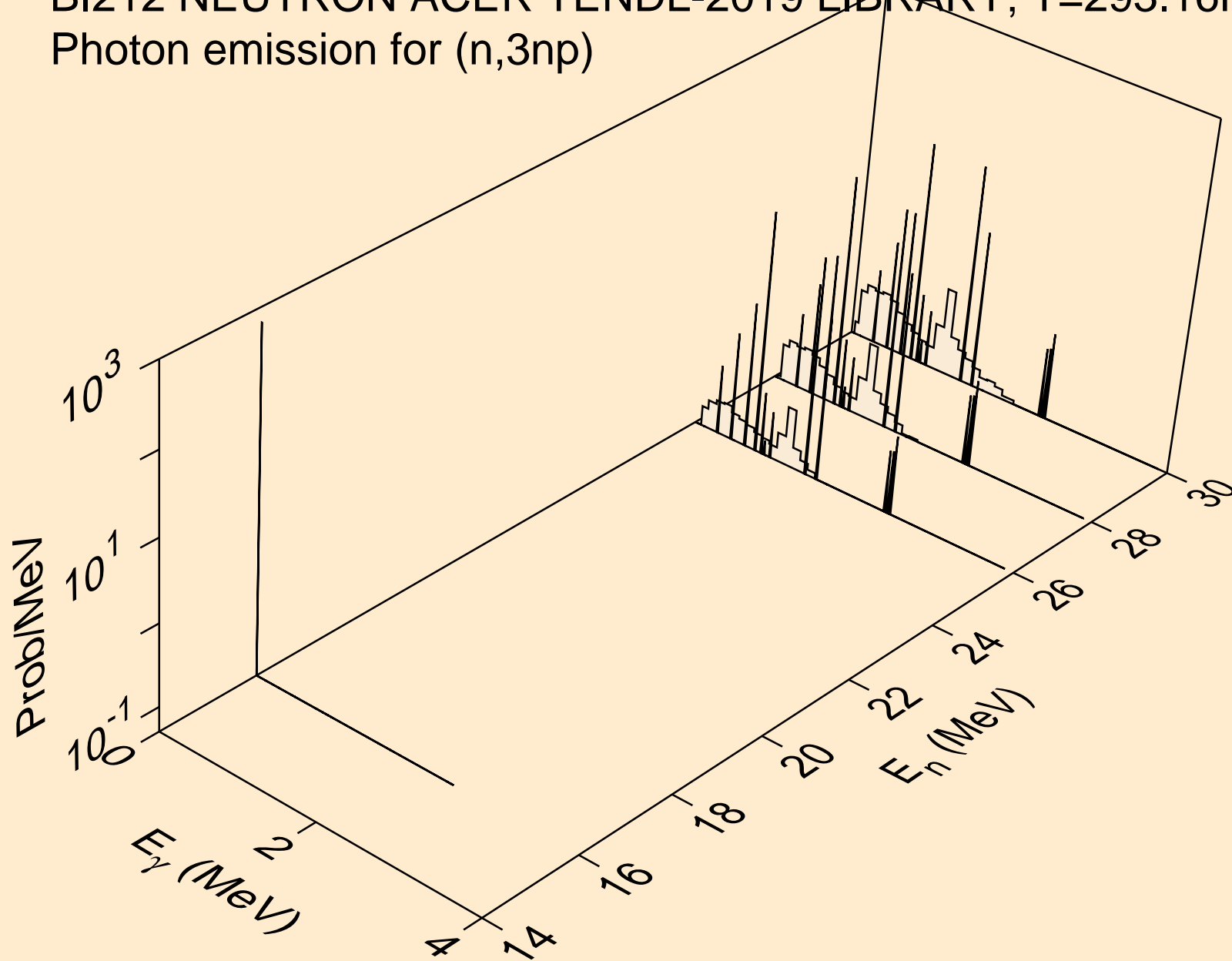
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



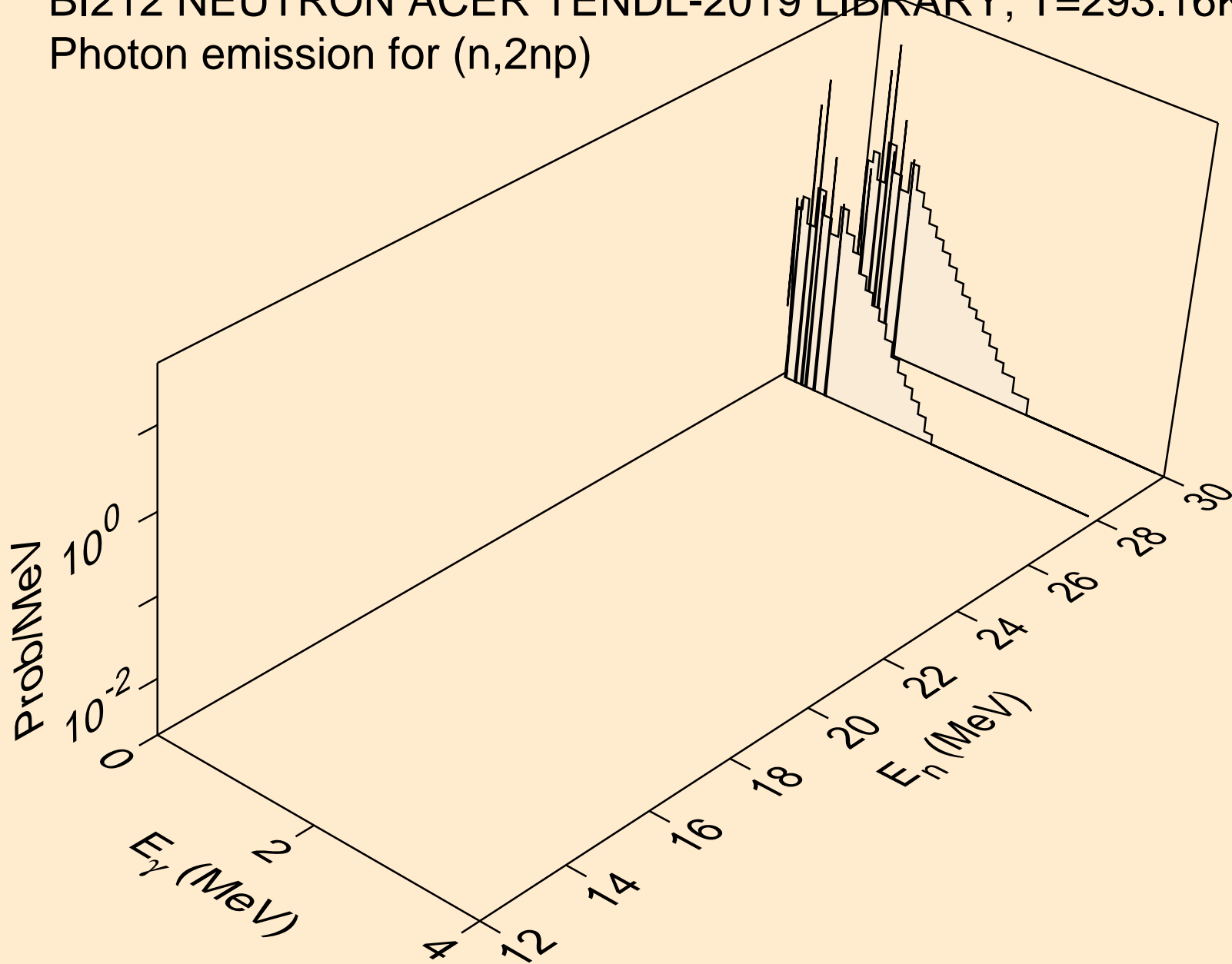
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



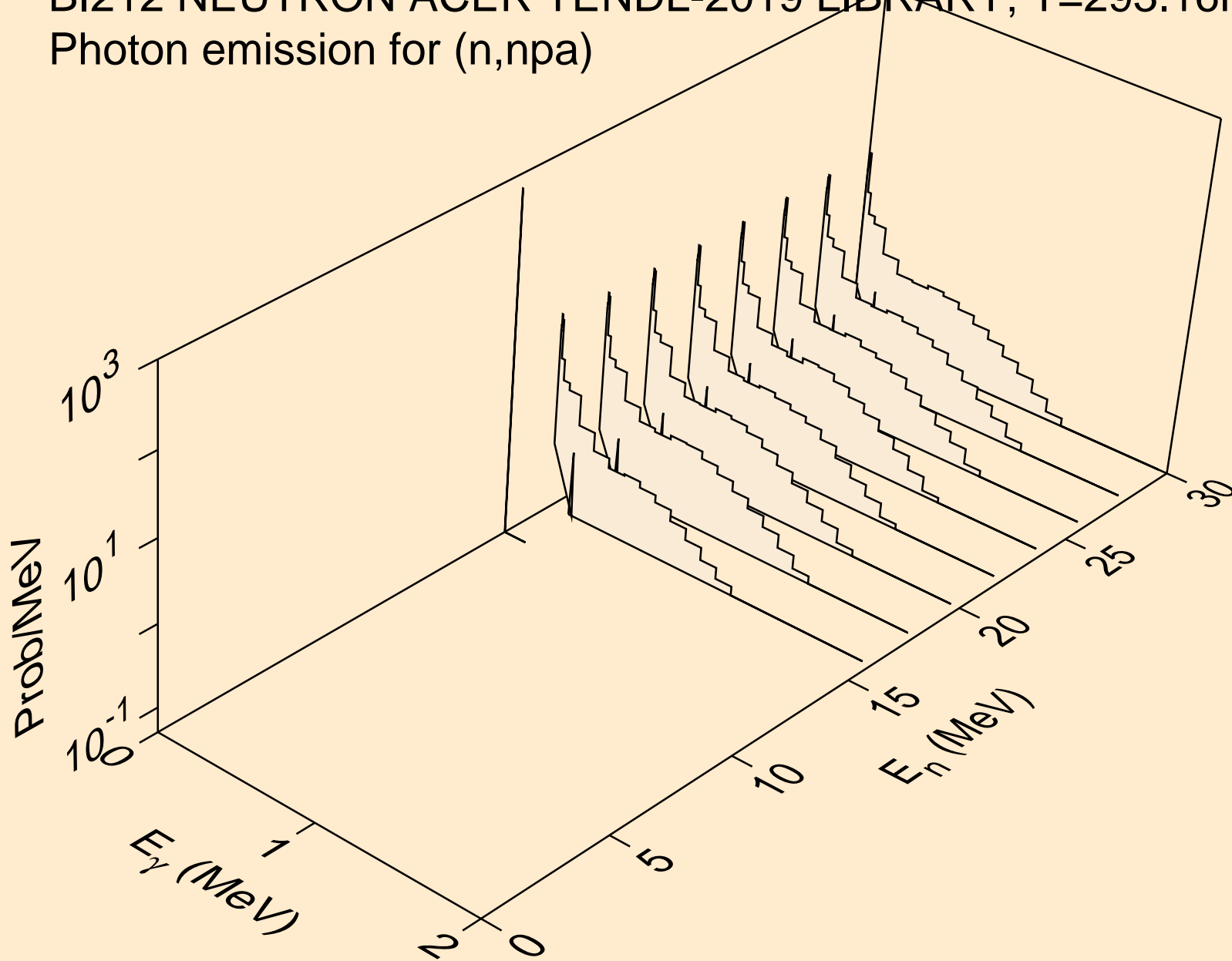
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



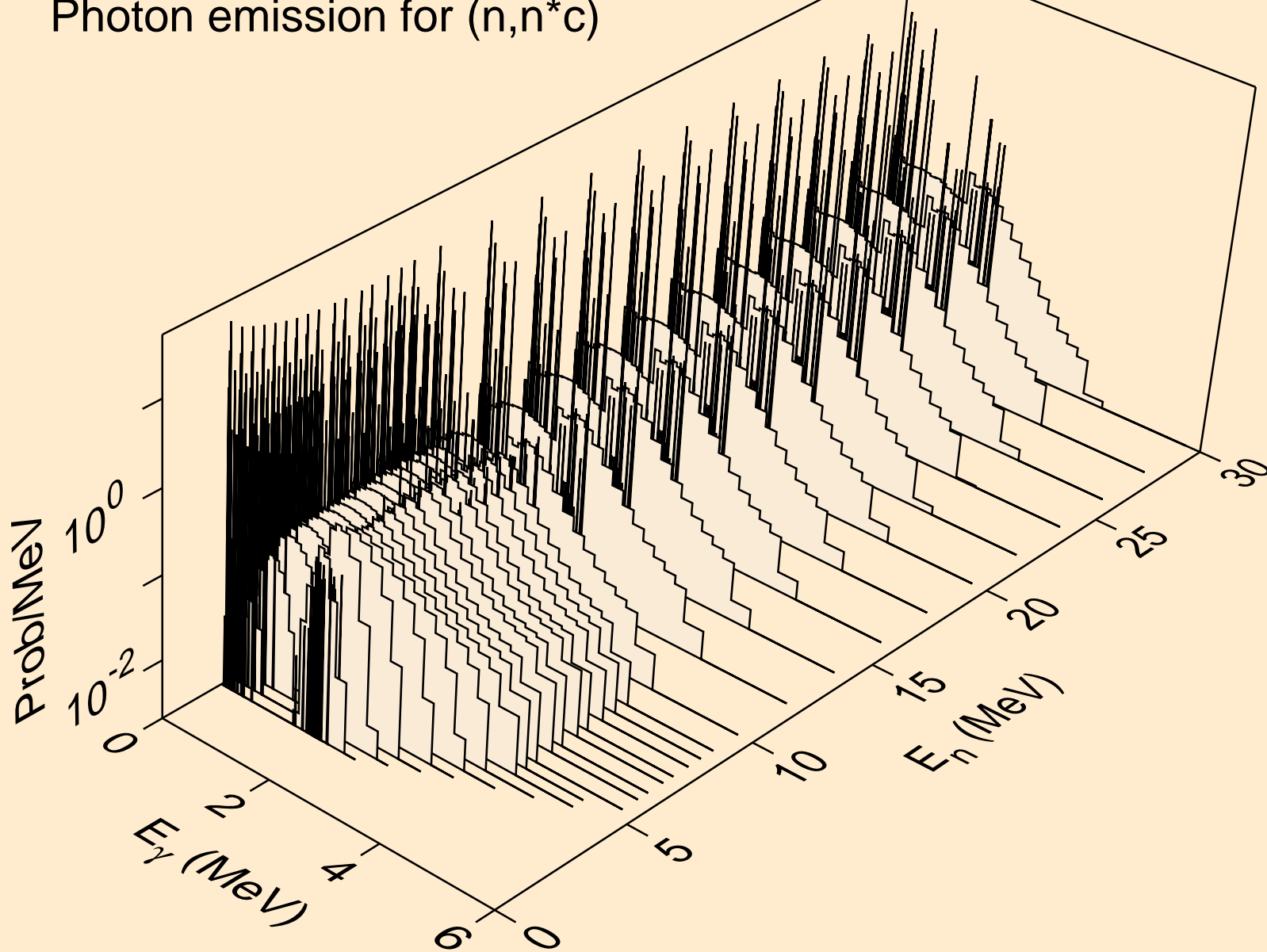
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



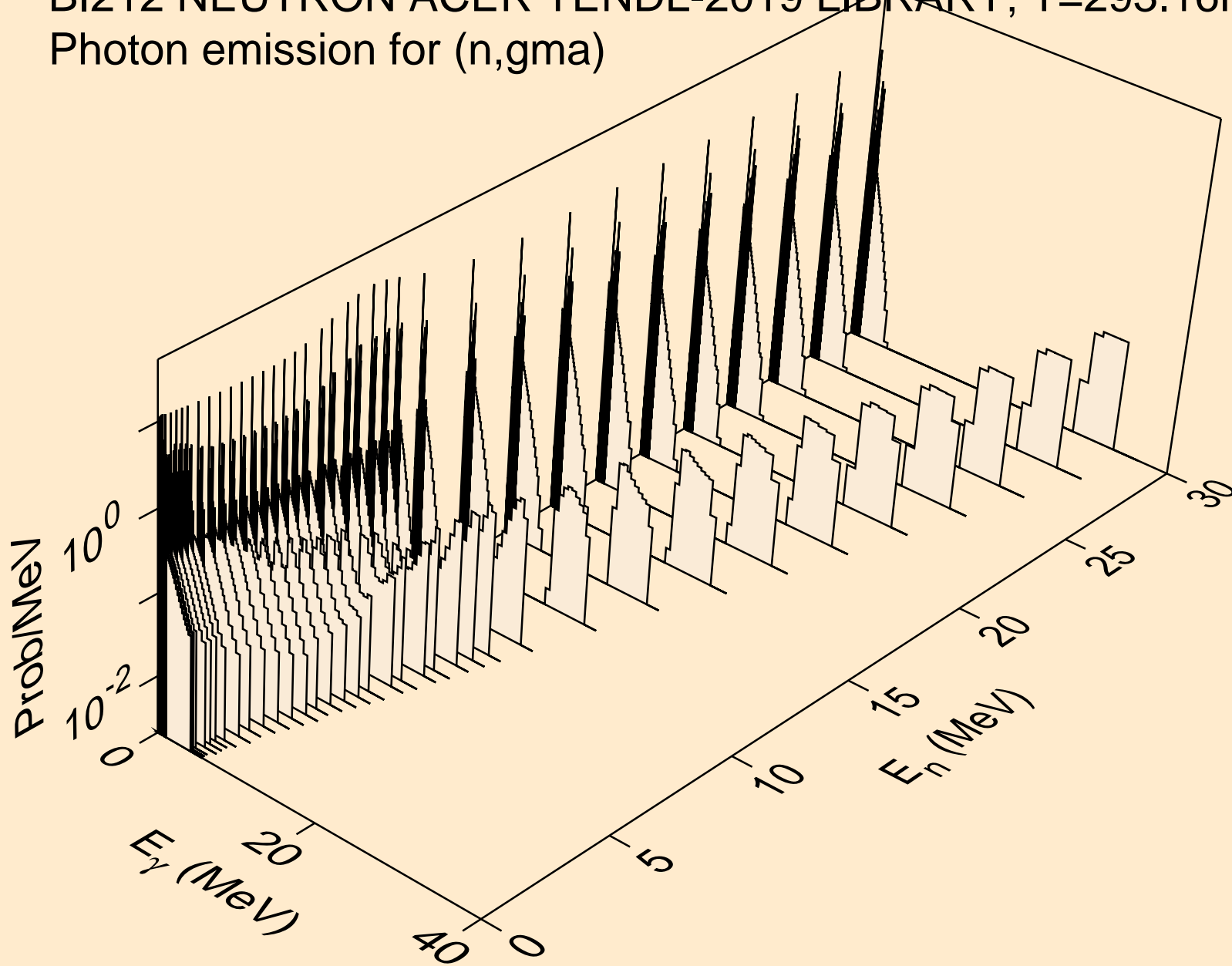
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



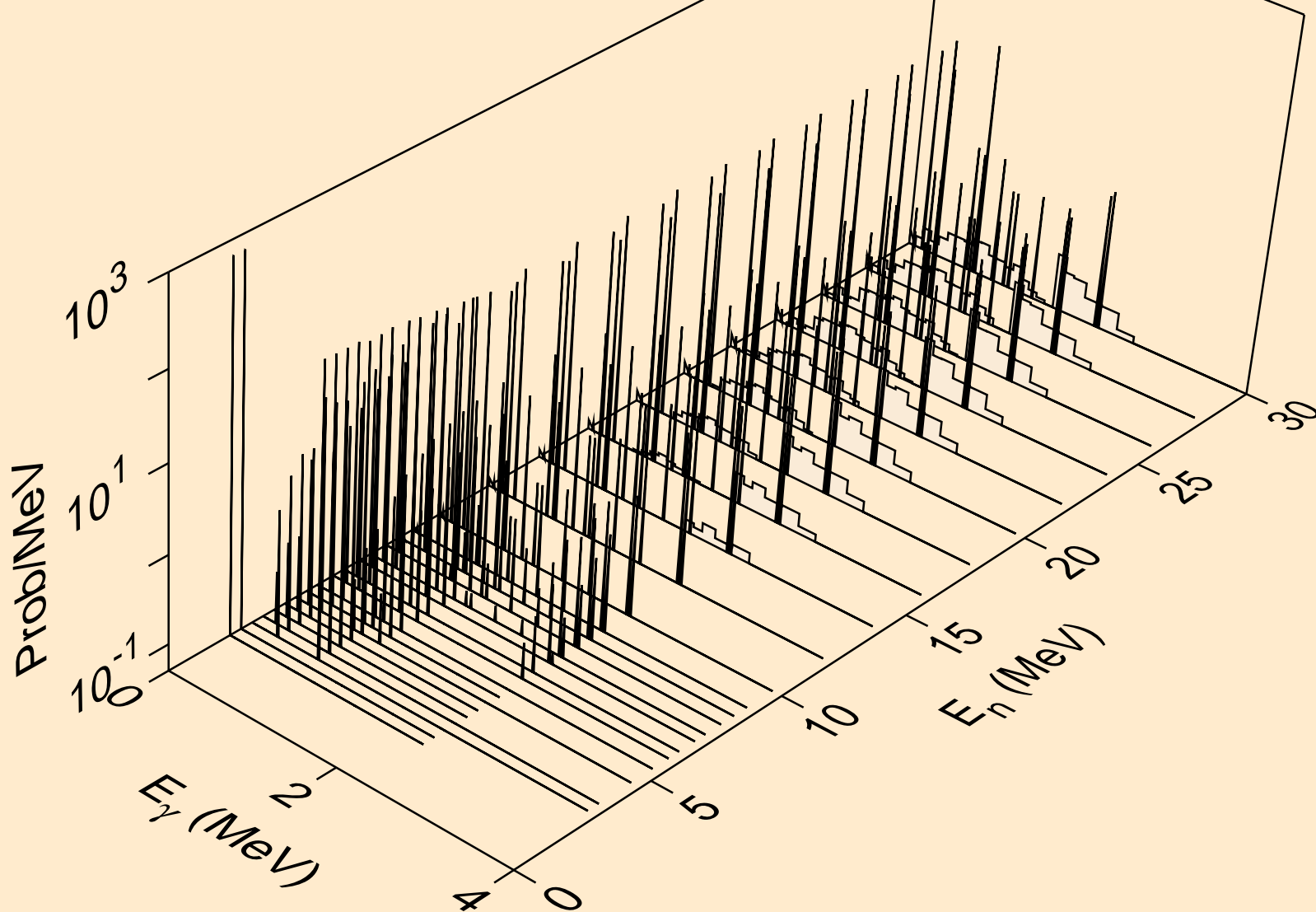
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



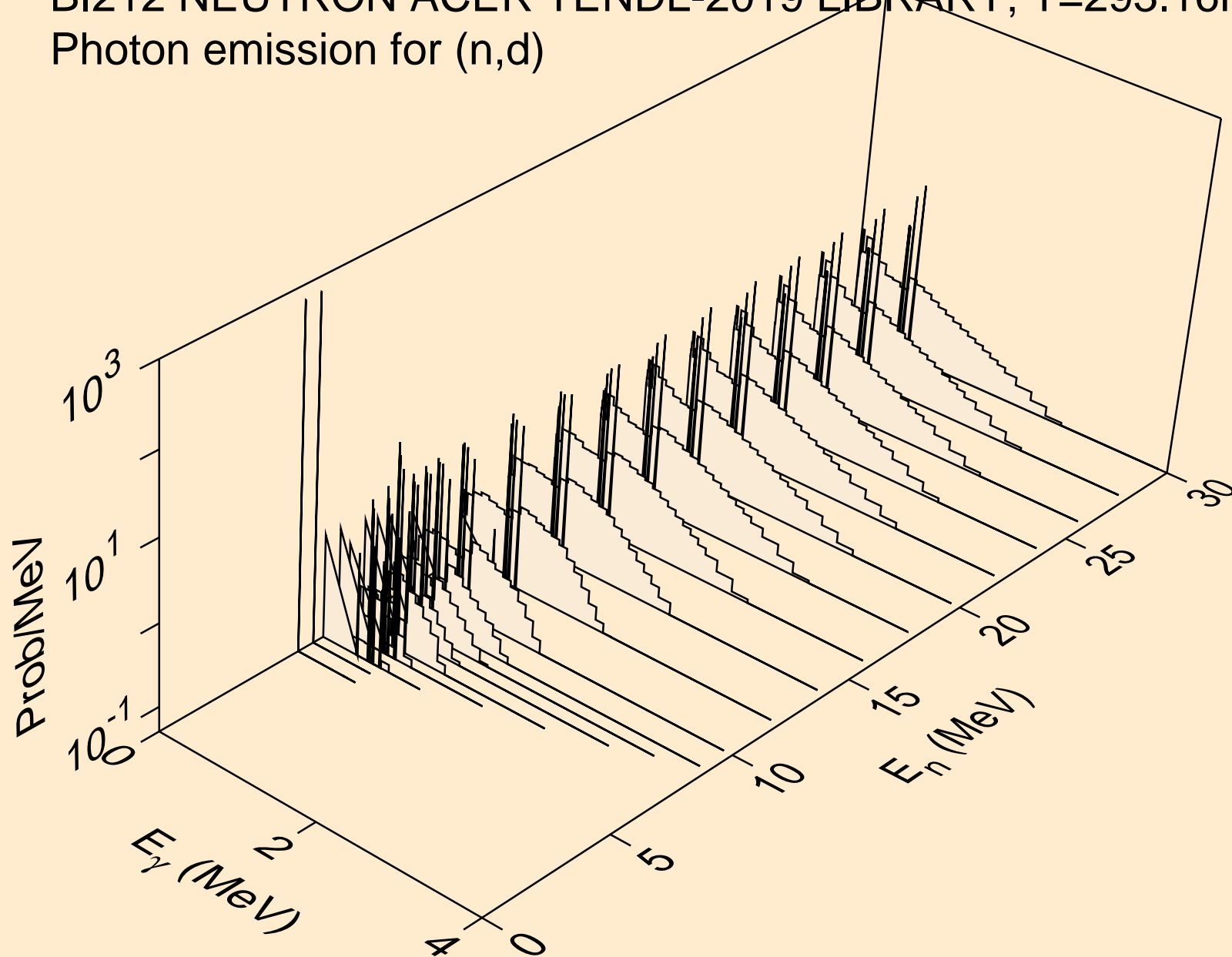
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



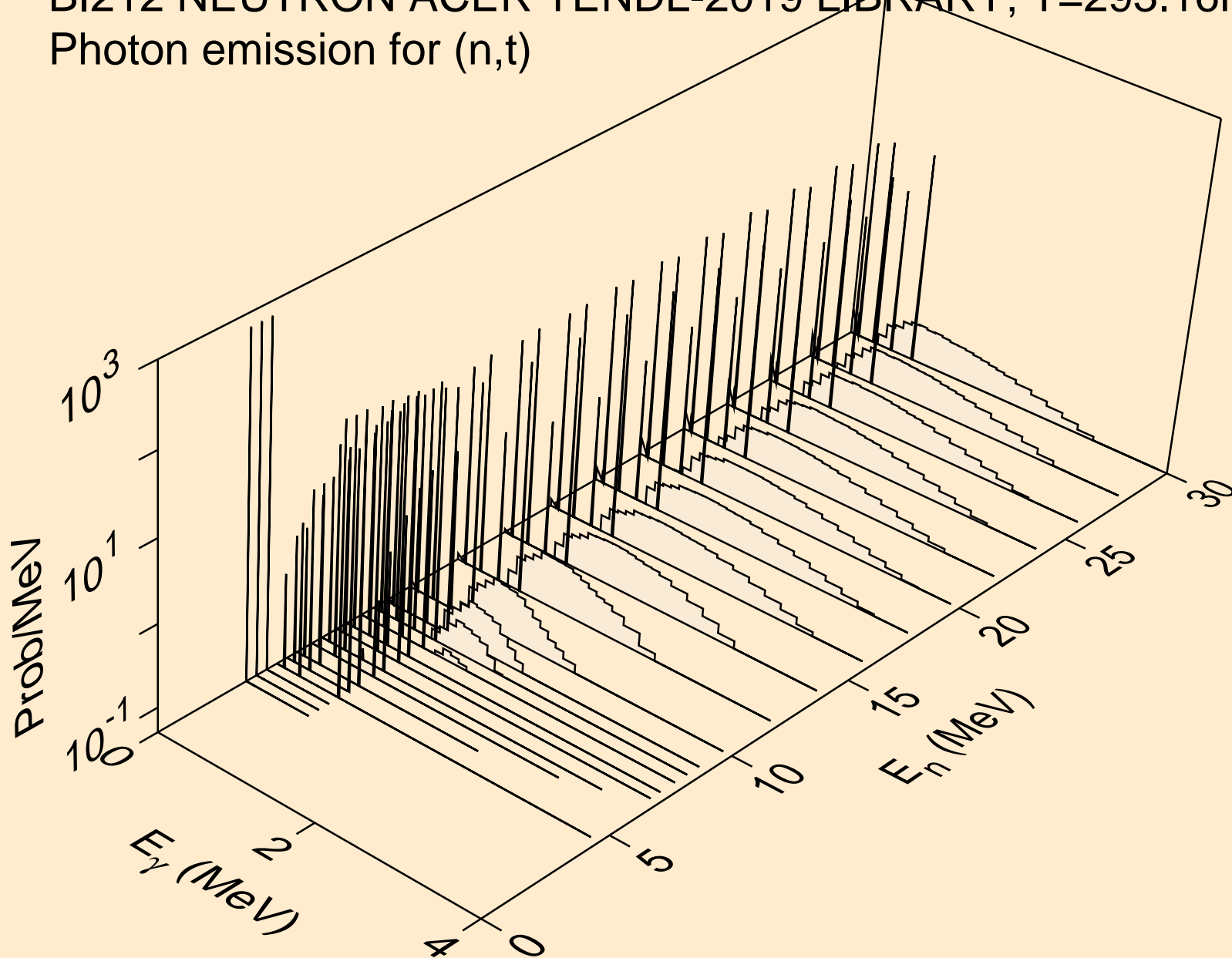
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



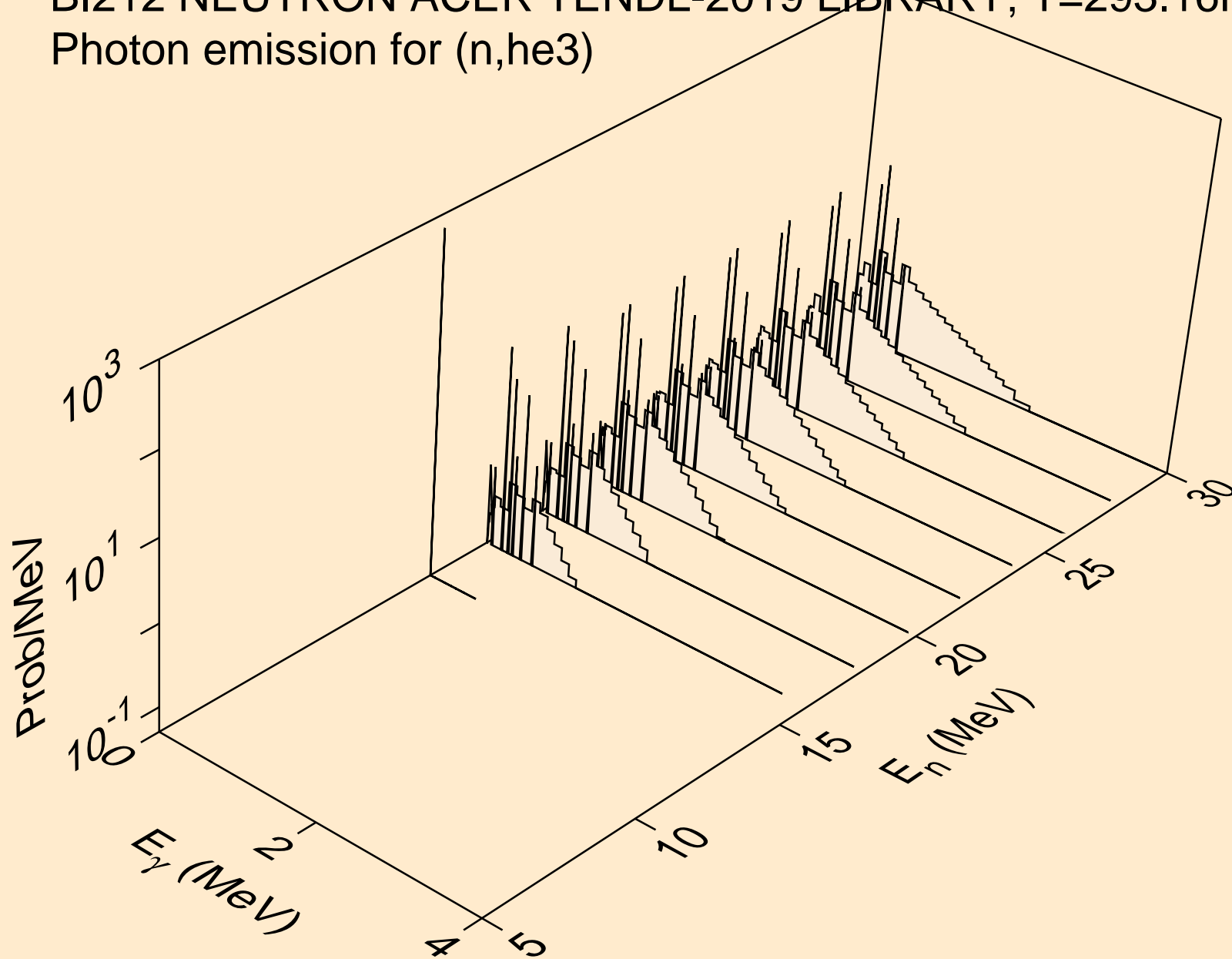
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



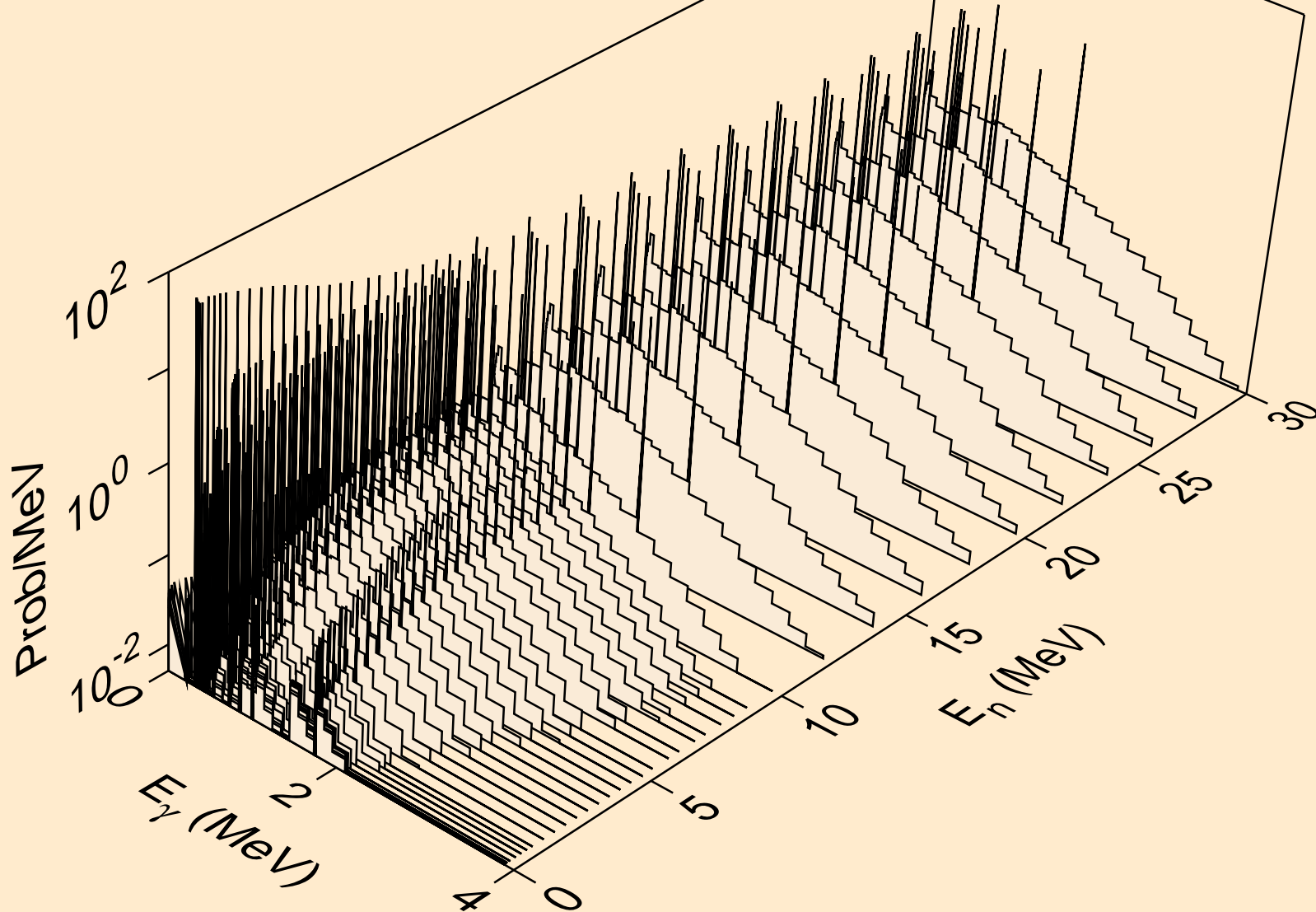
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



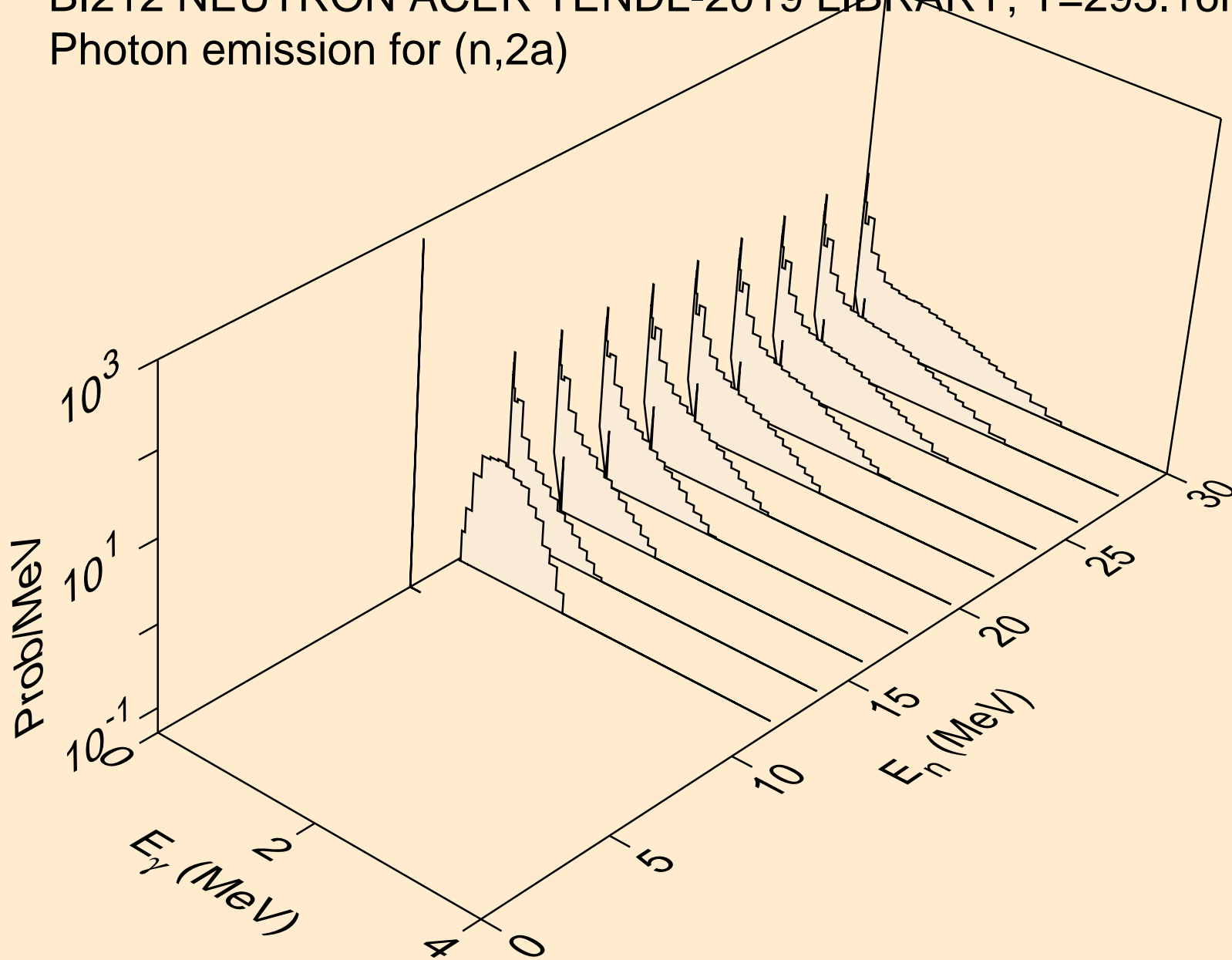
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



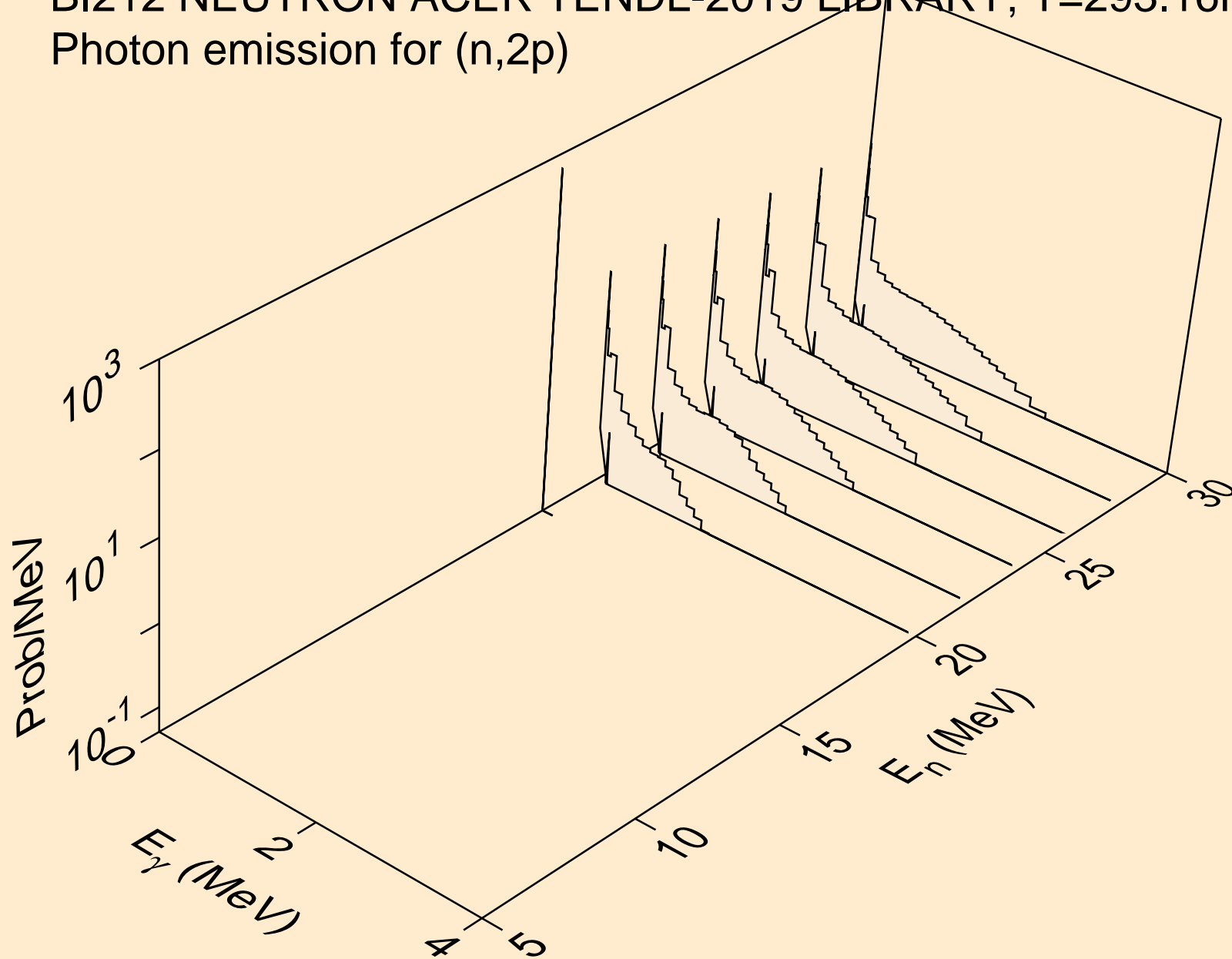
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



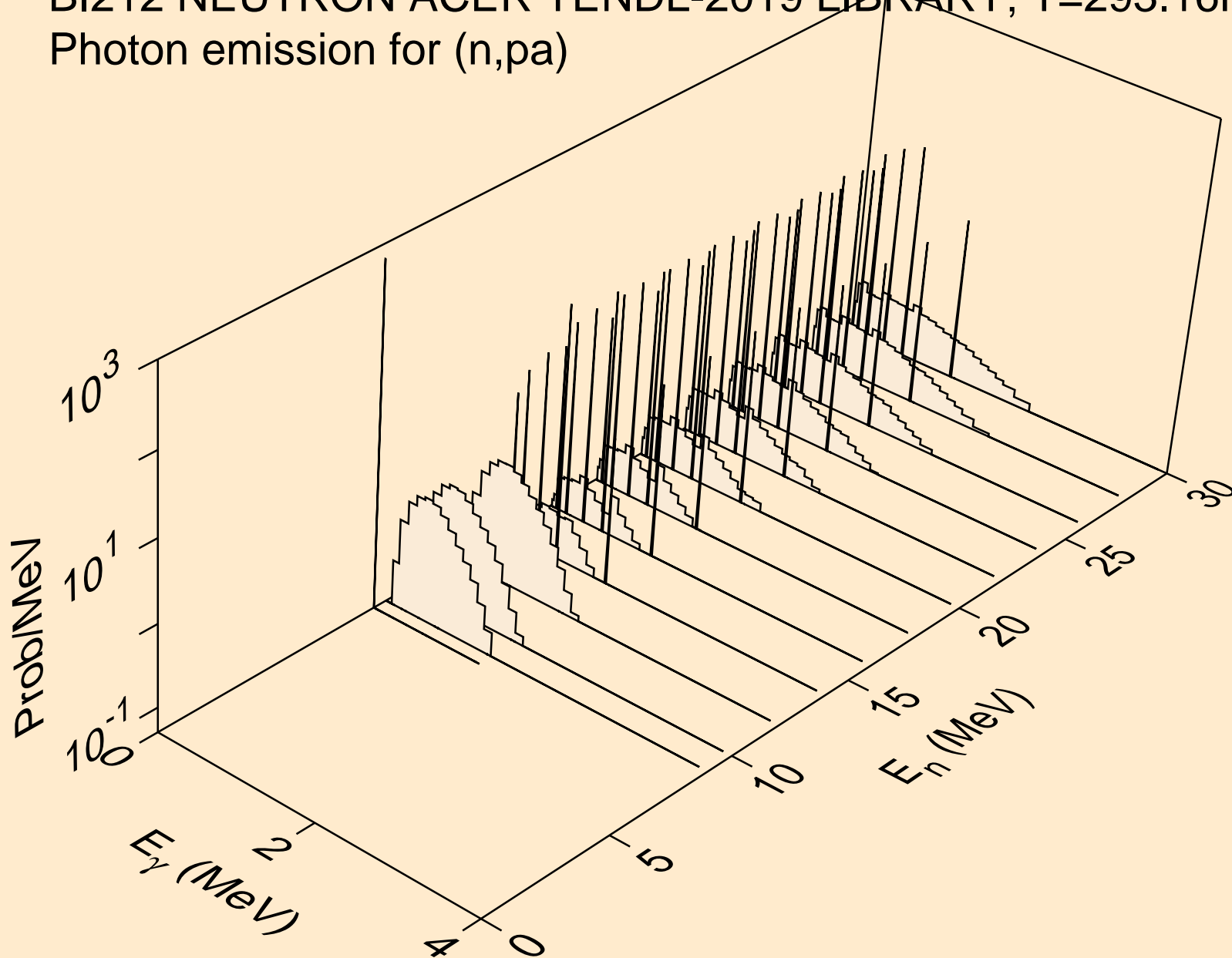
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



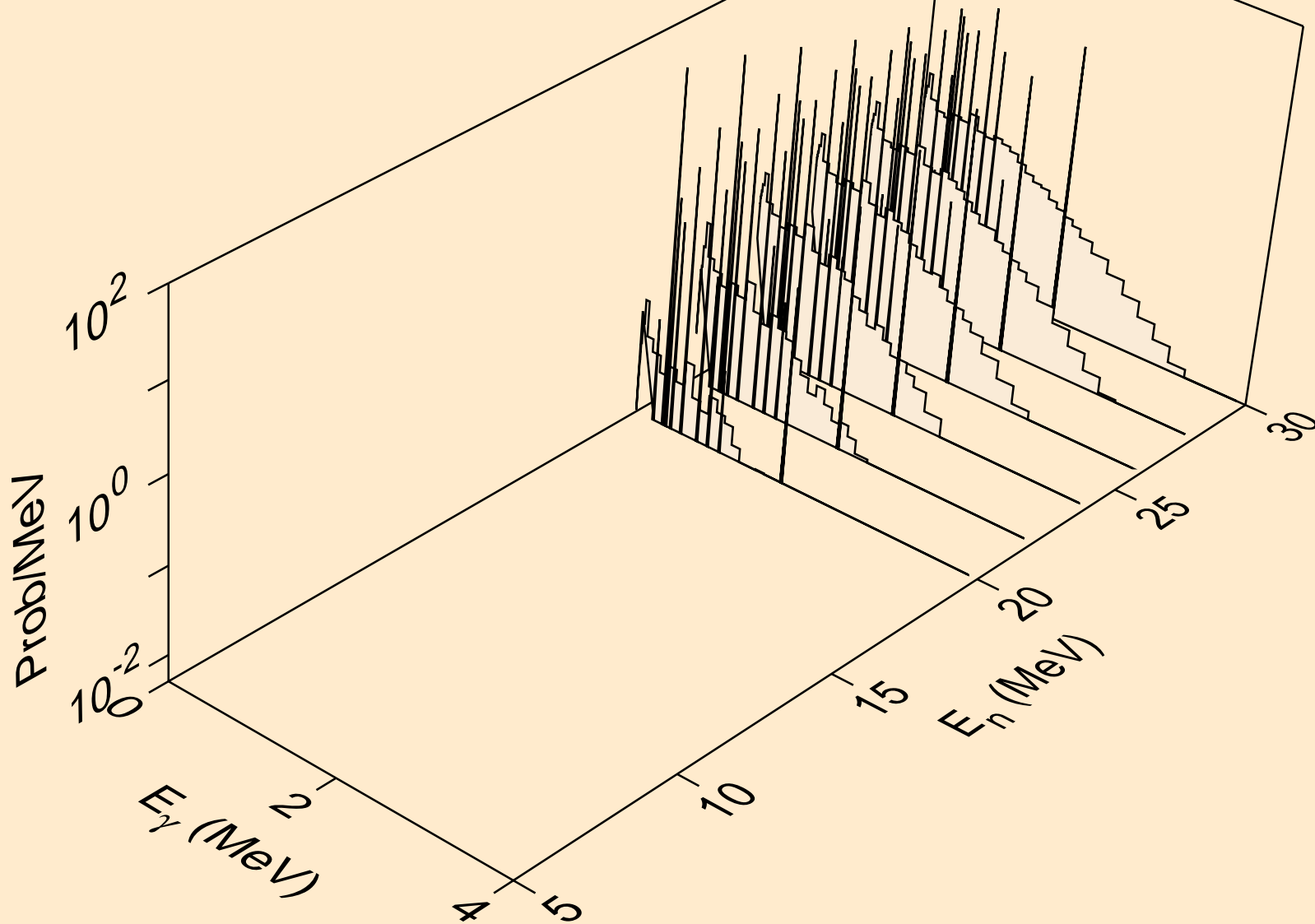
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



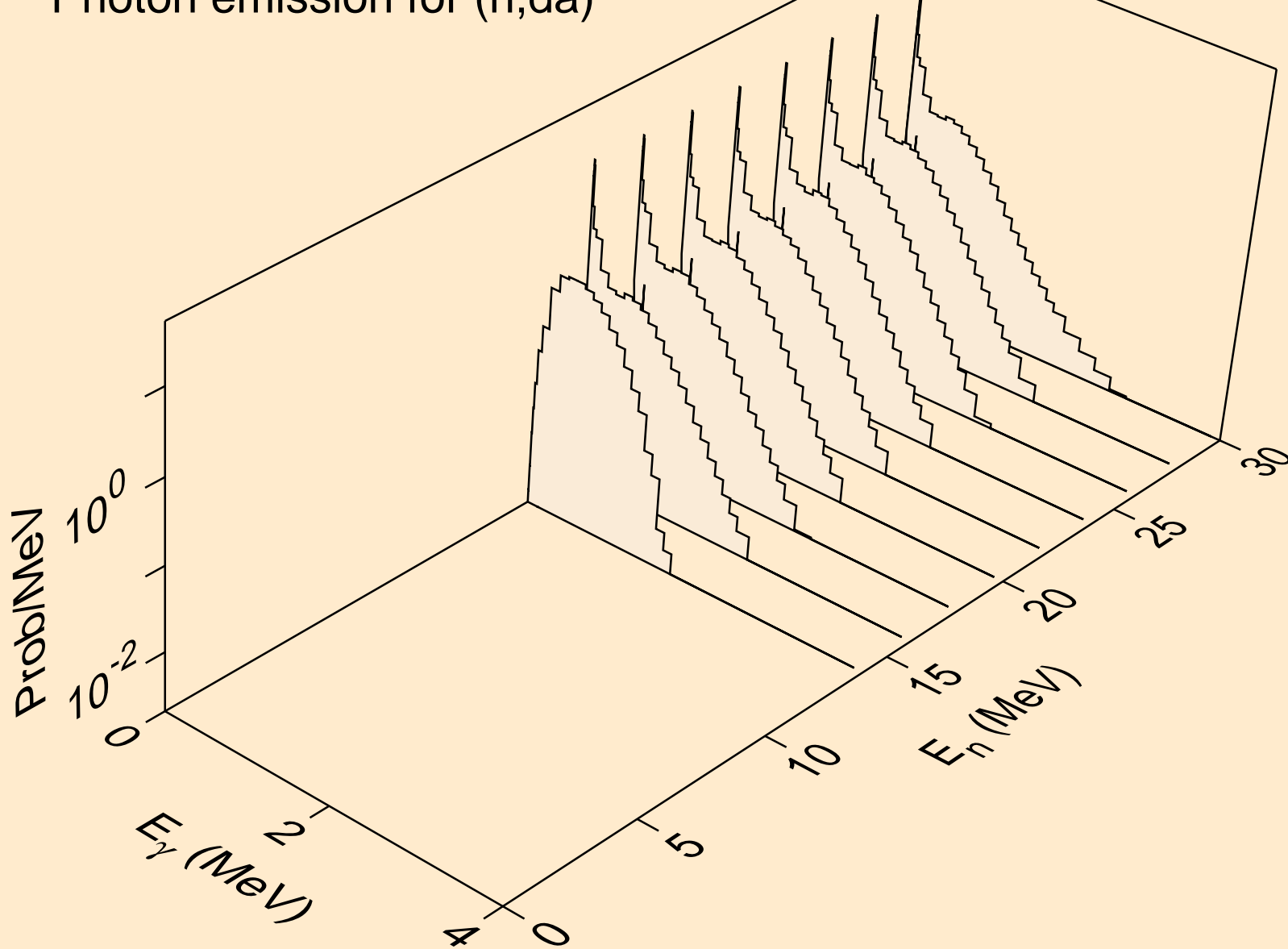
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



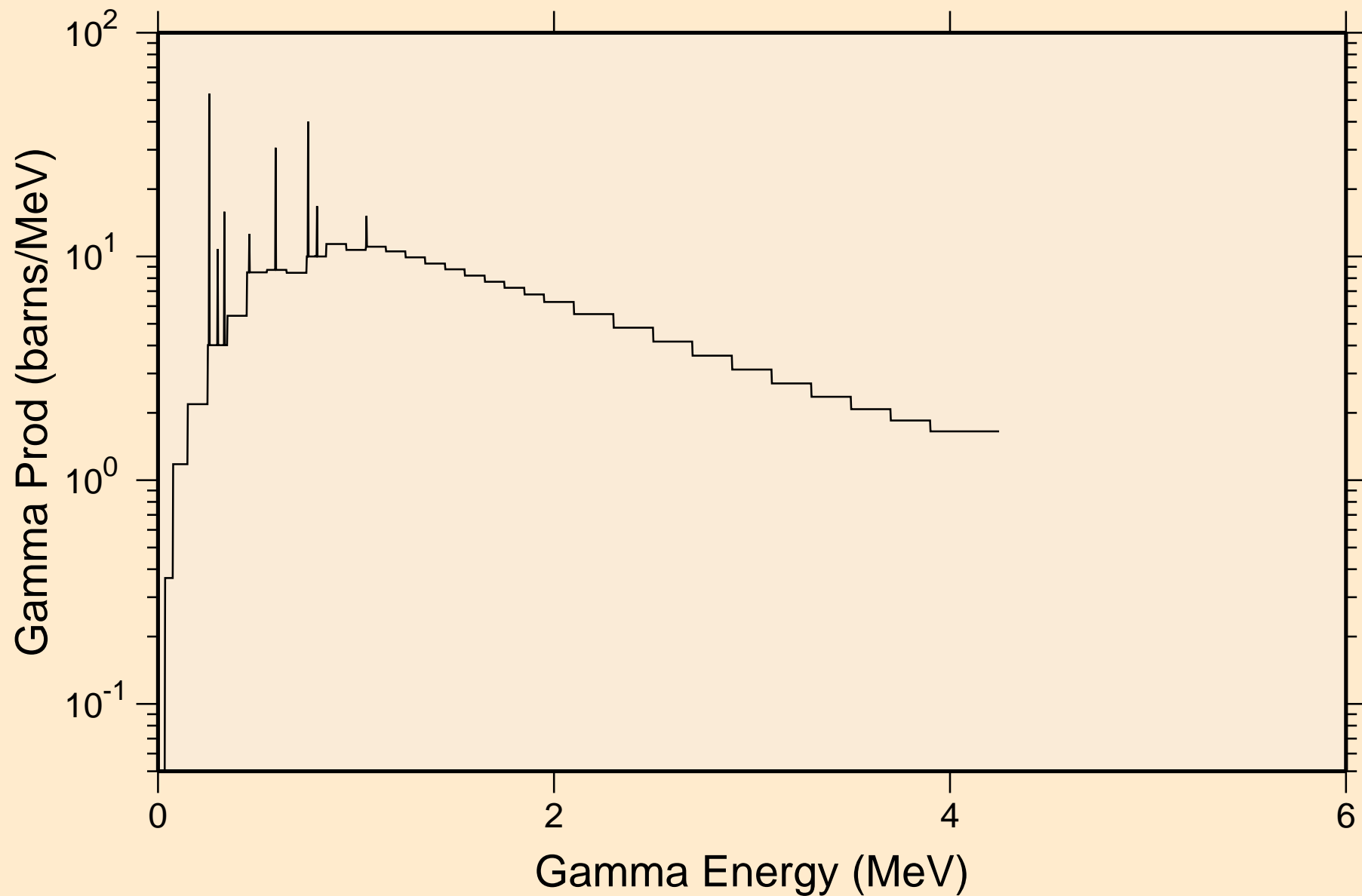
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



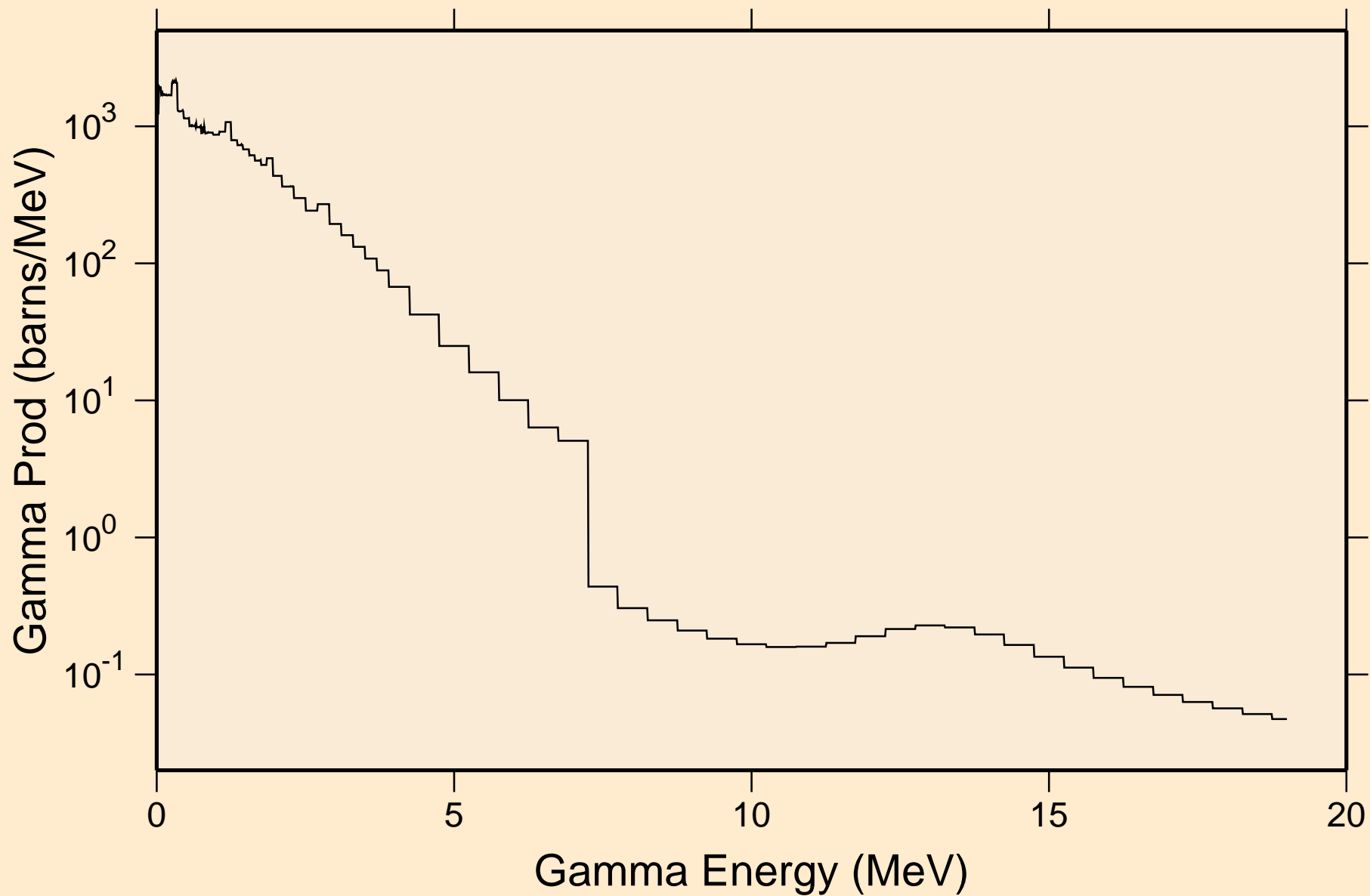
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

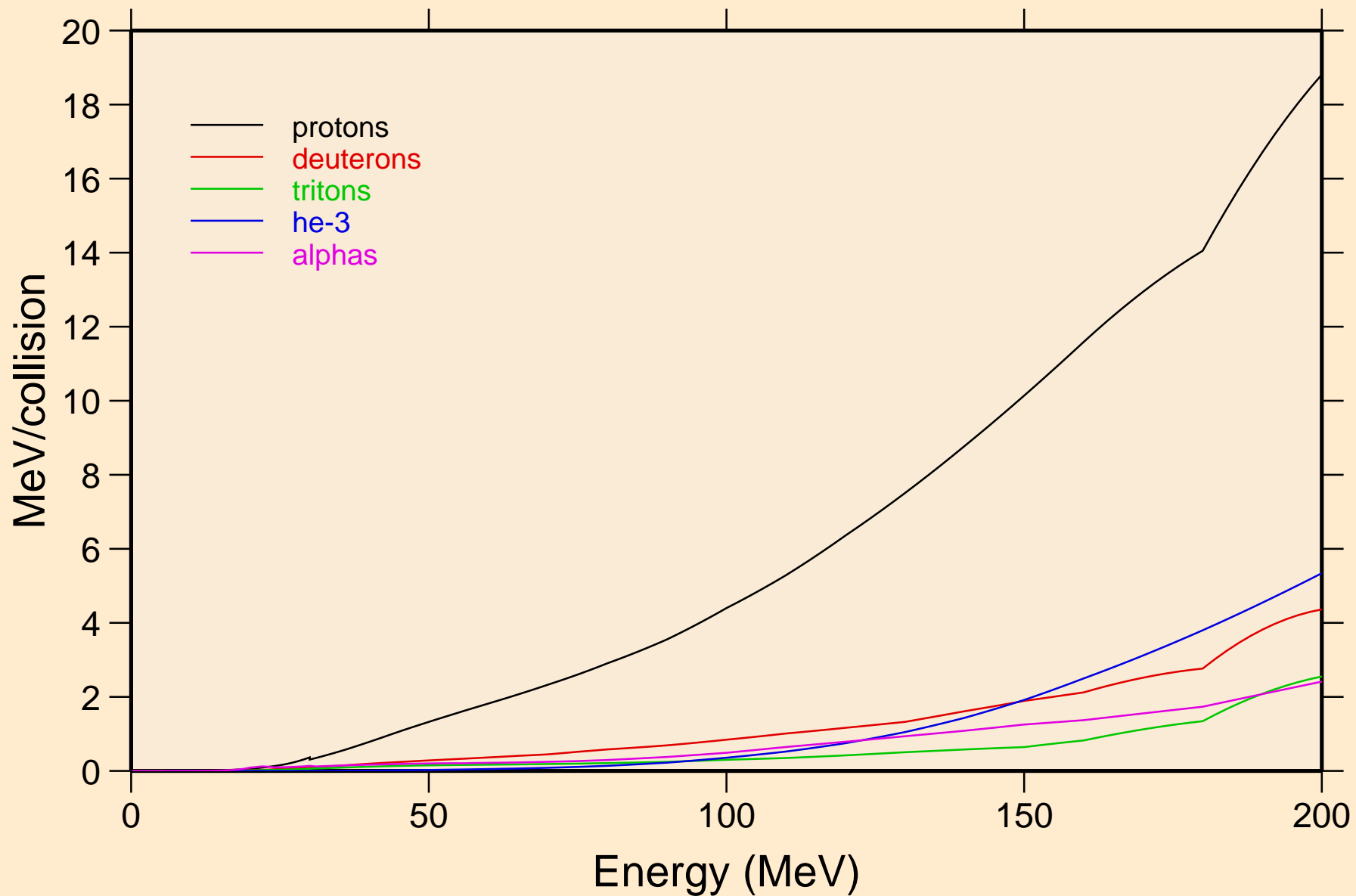


BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

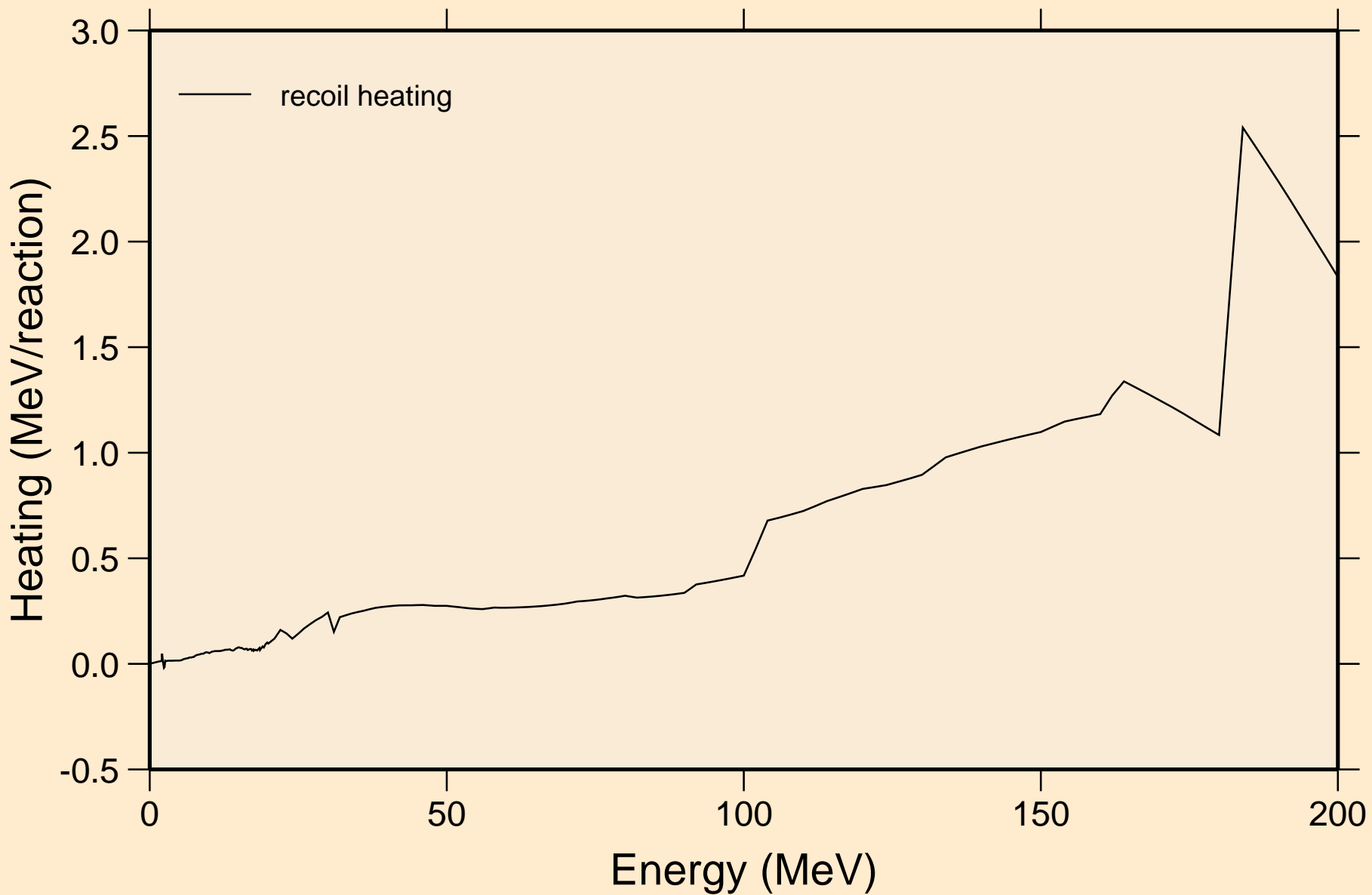


# BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

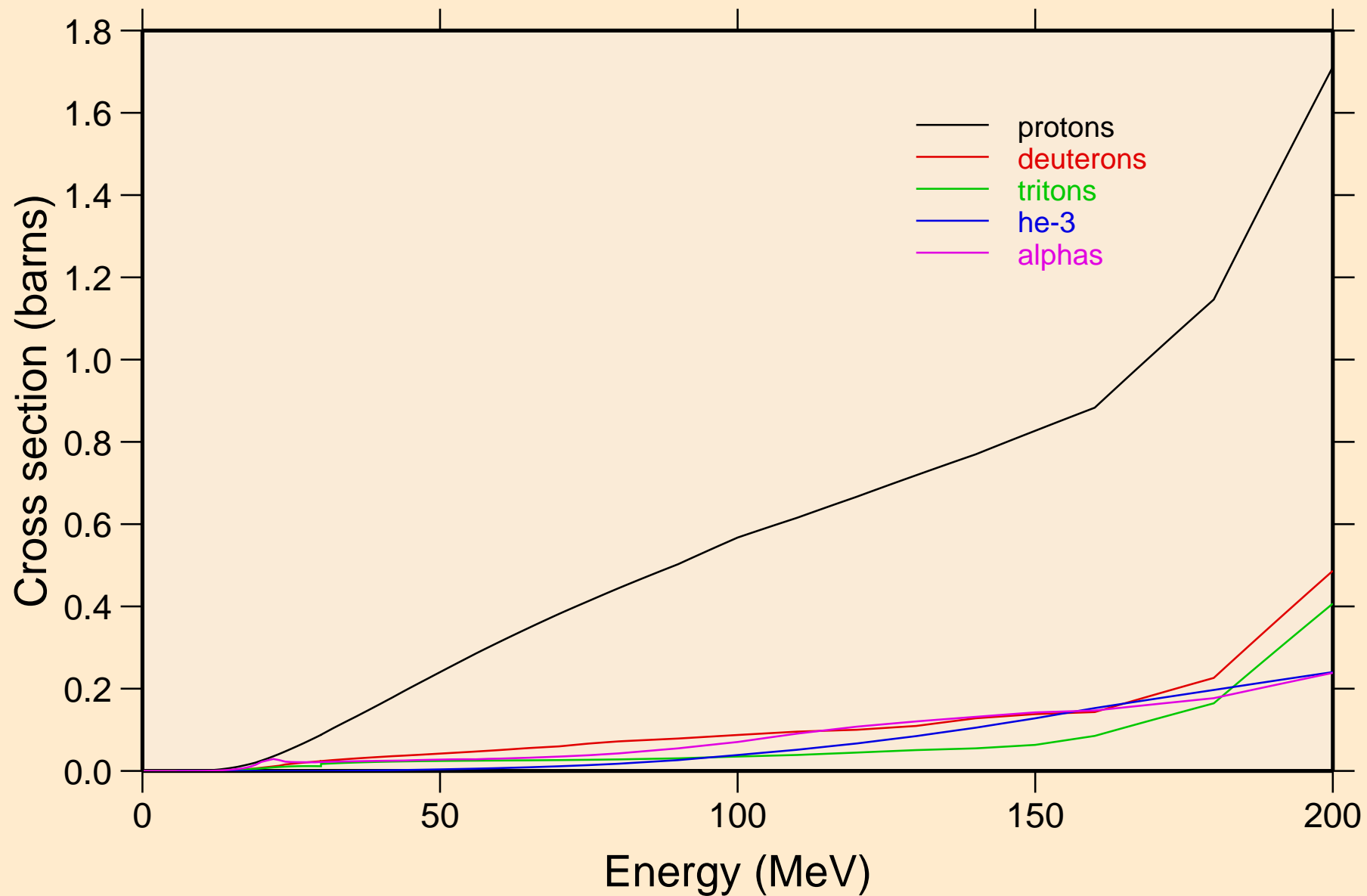
## Particle heating contributions



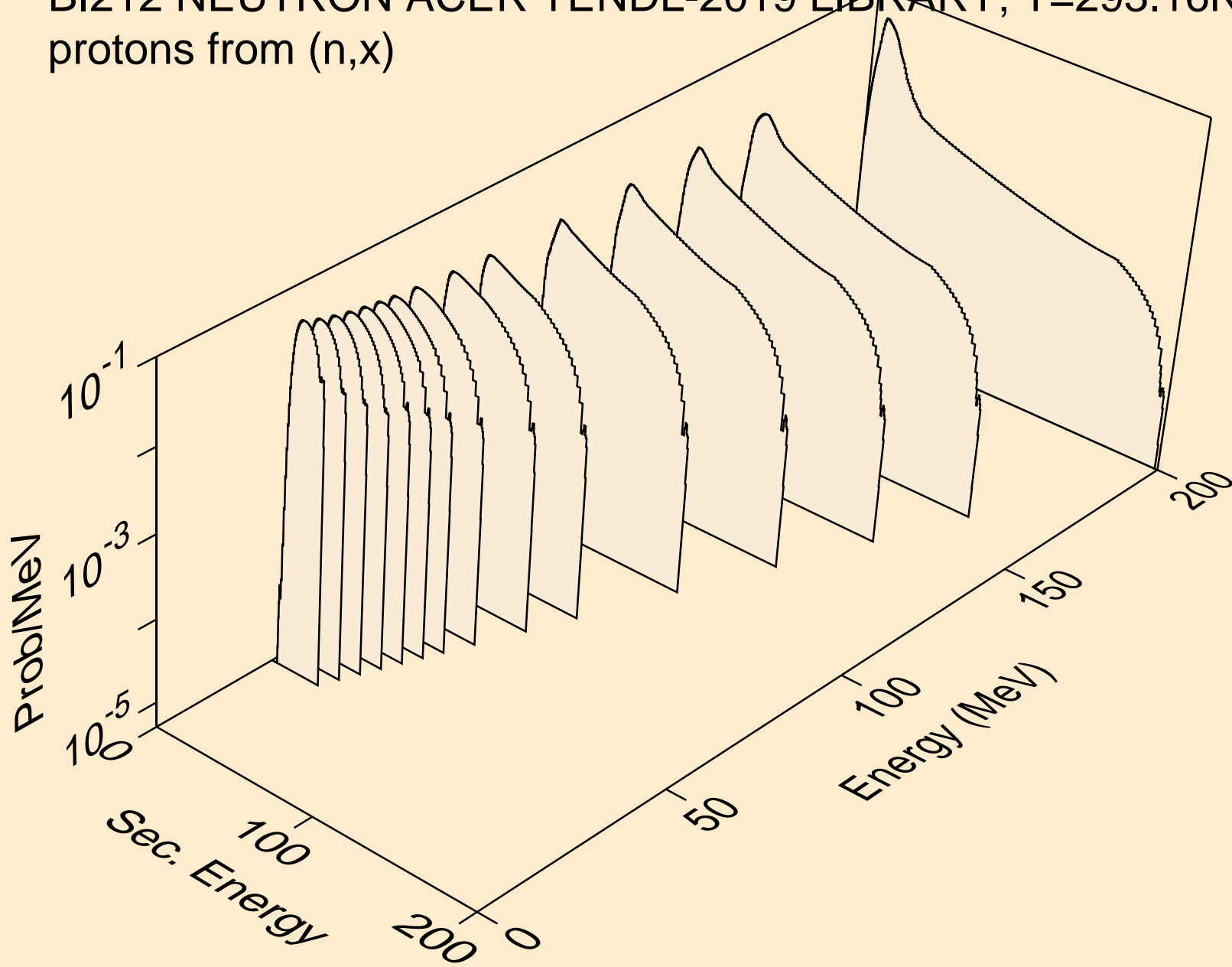
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



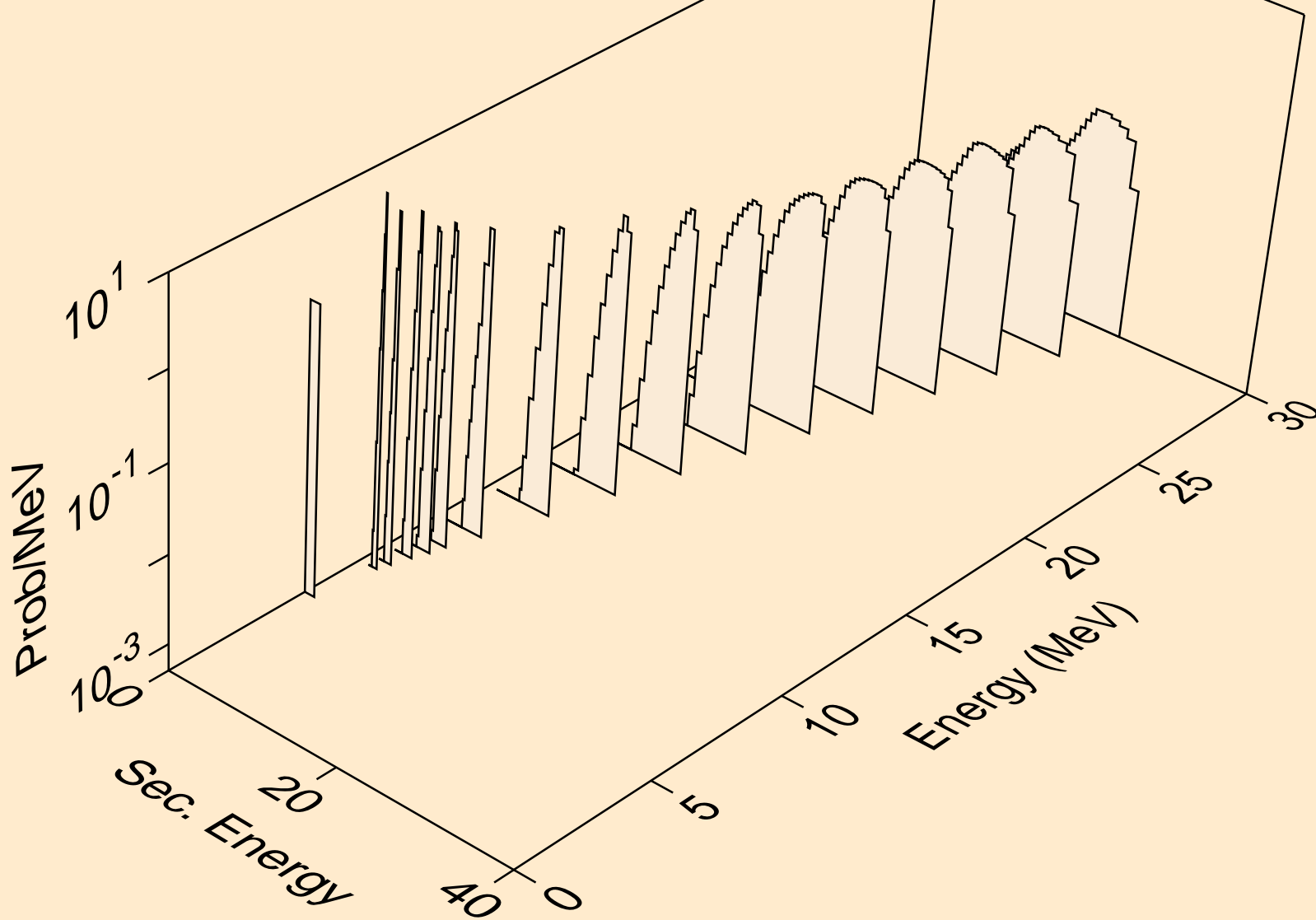
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



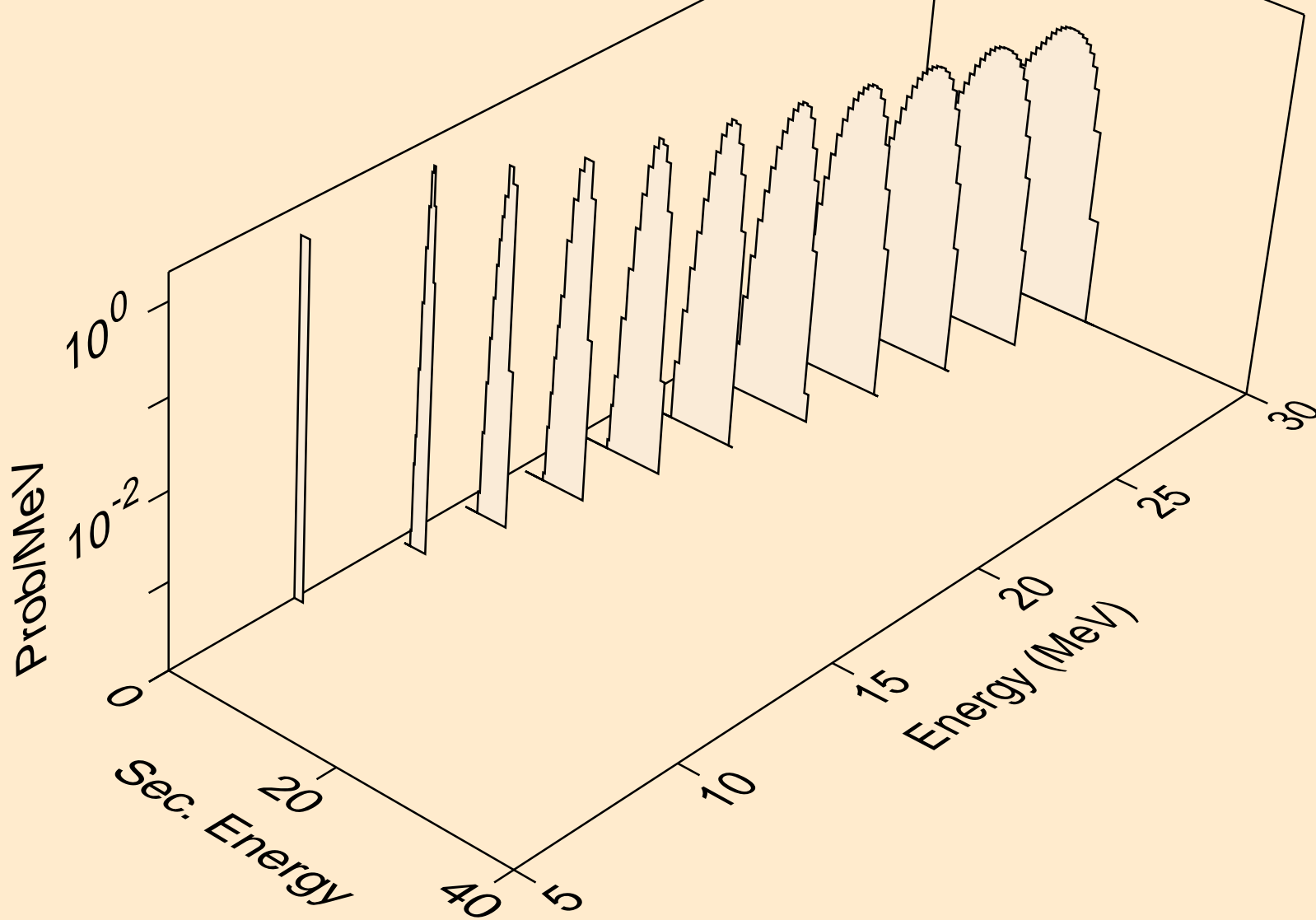
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



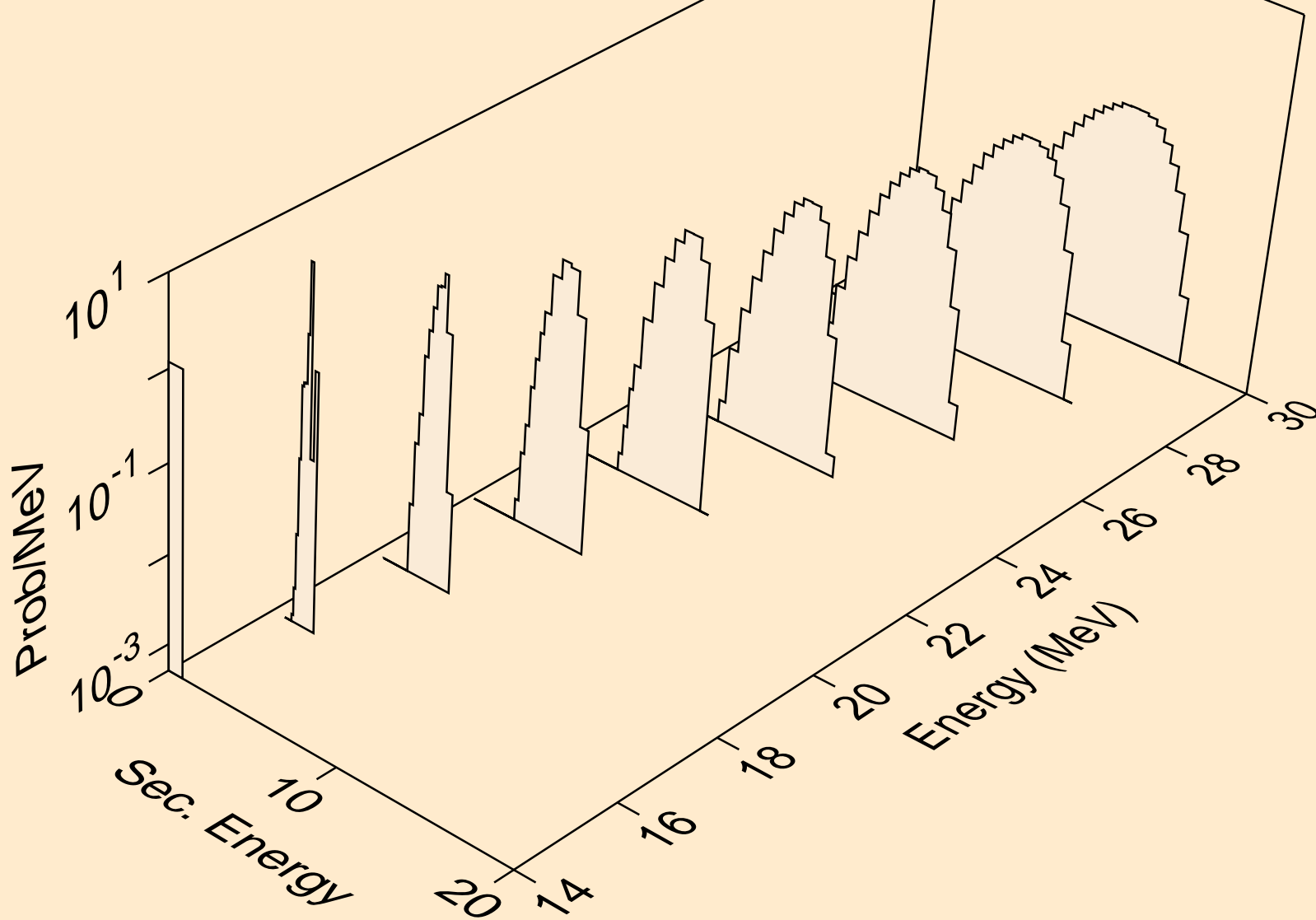
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



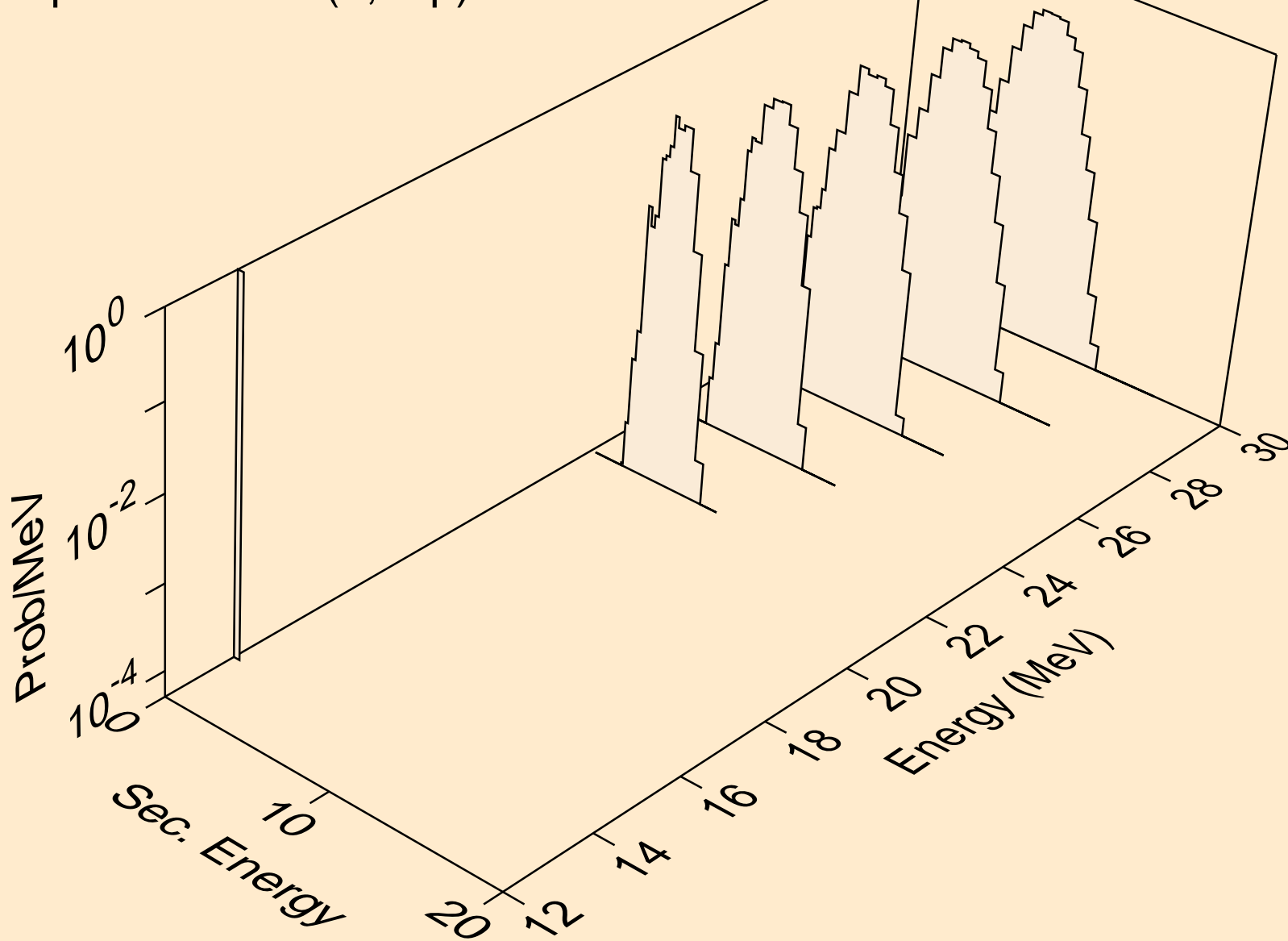
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



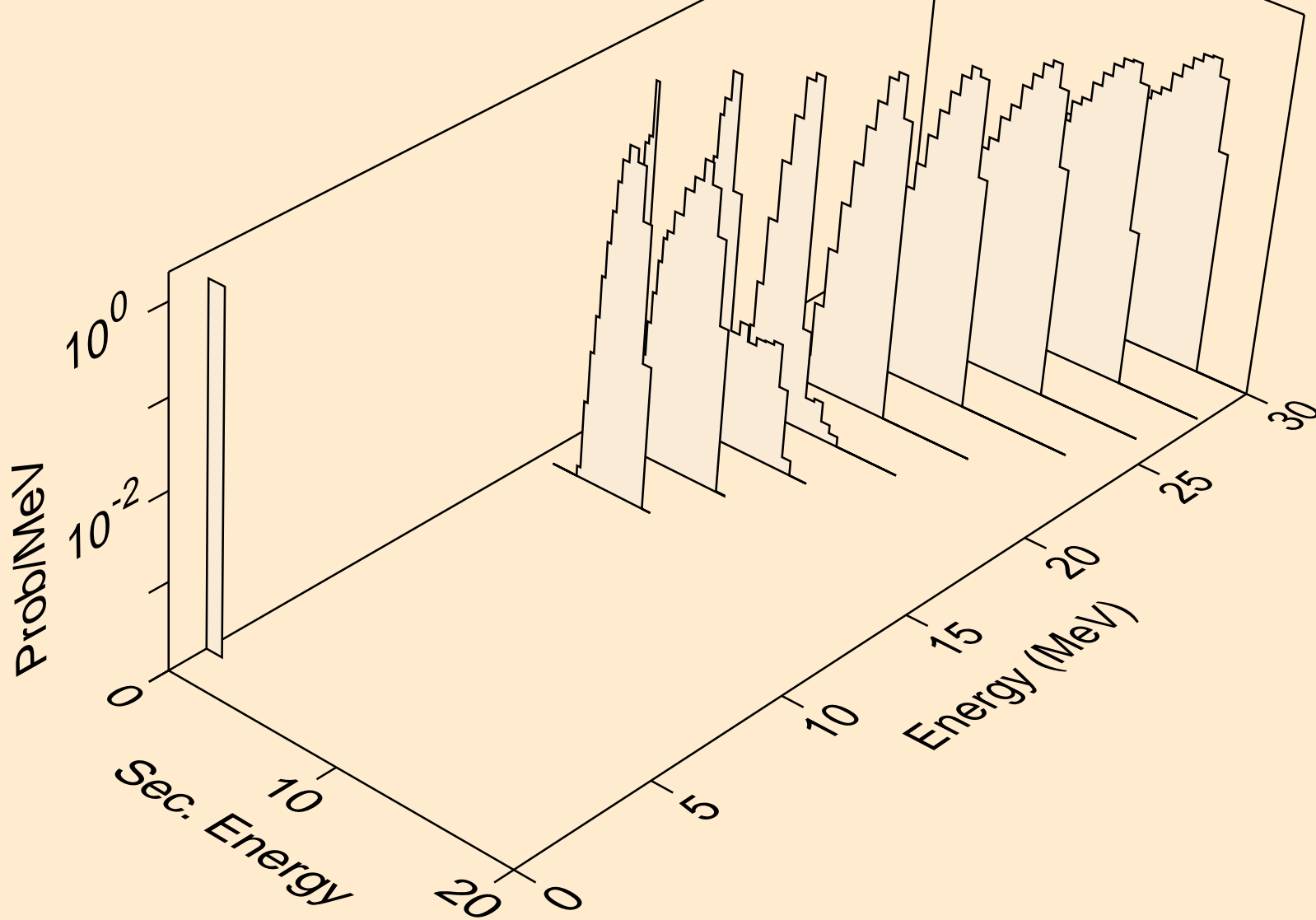
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



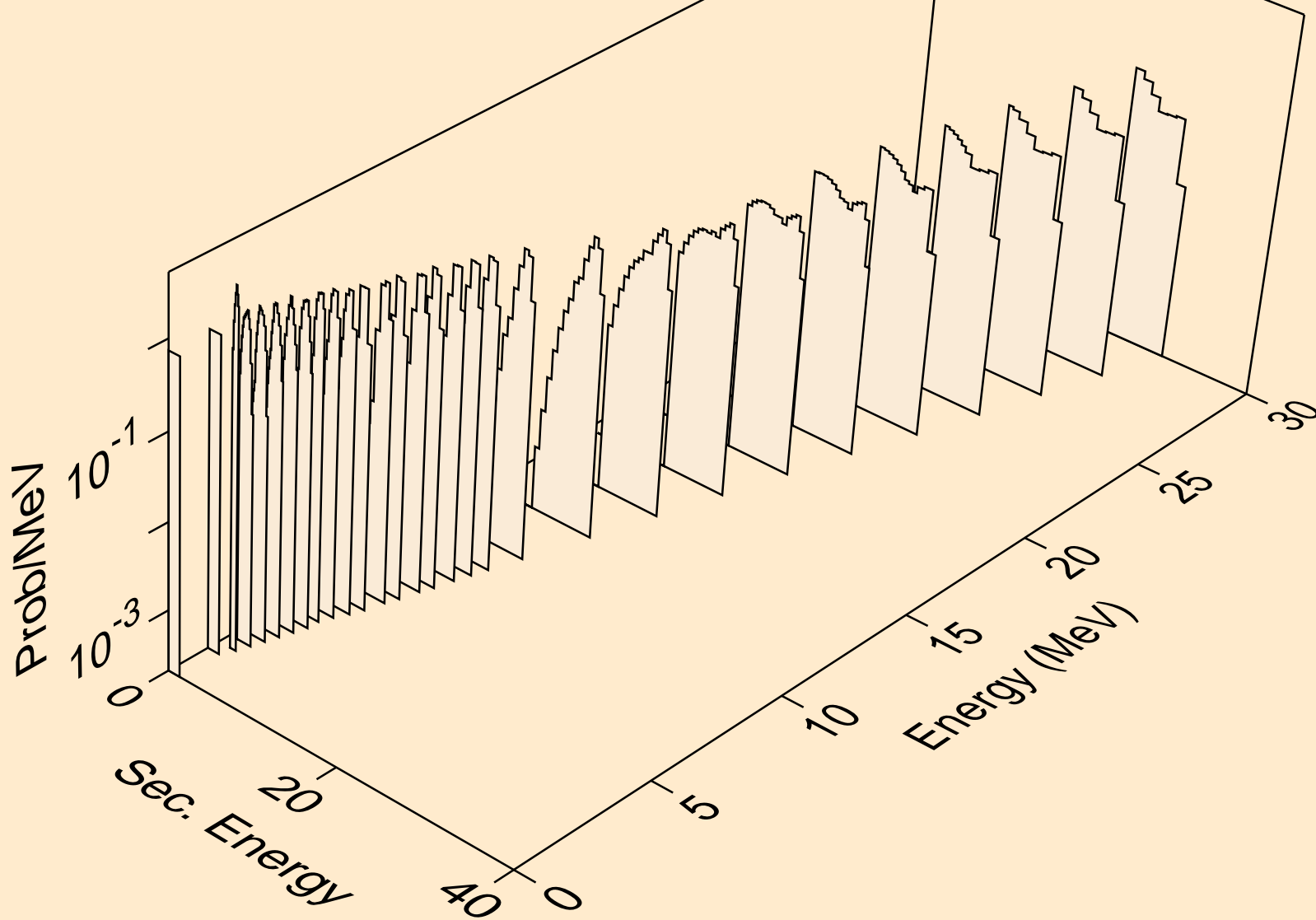
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



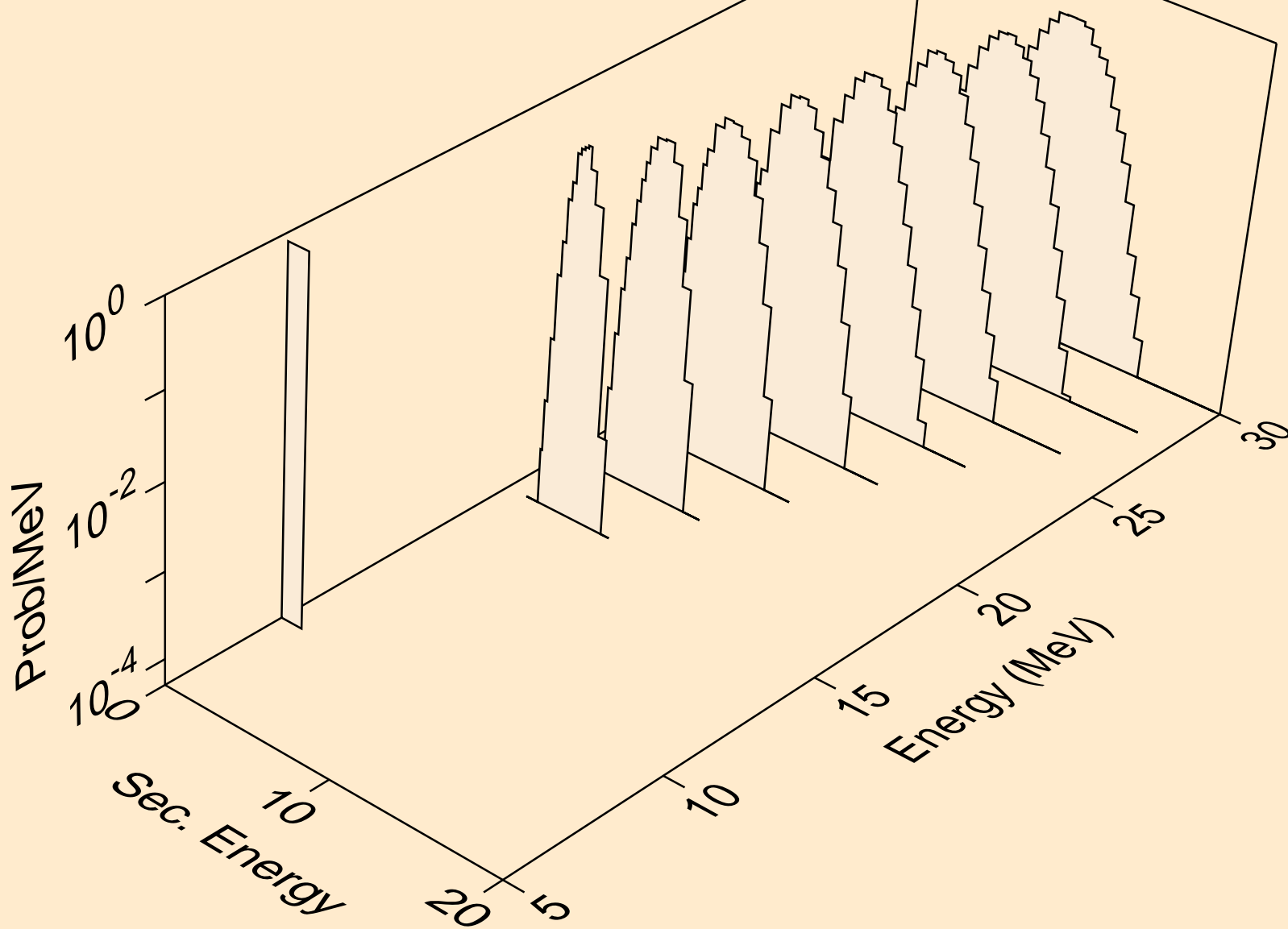
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



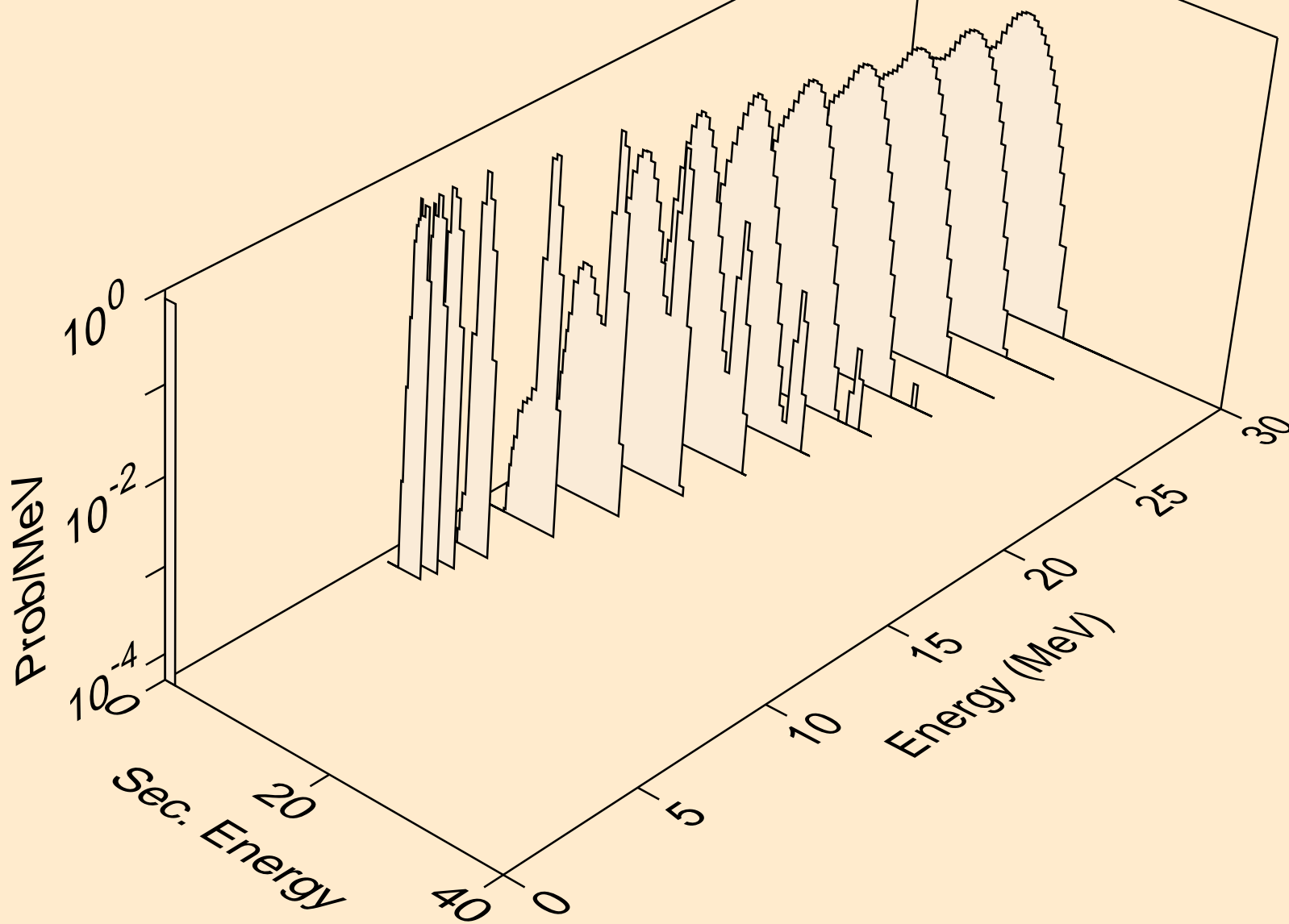
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



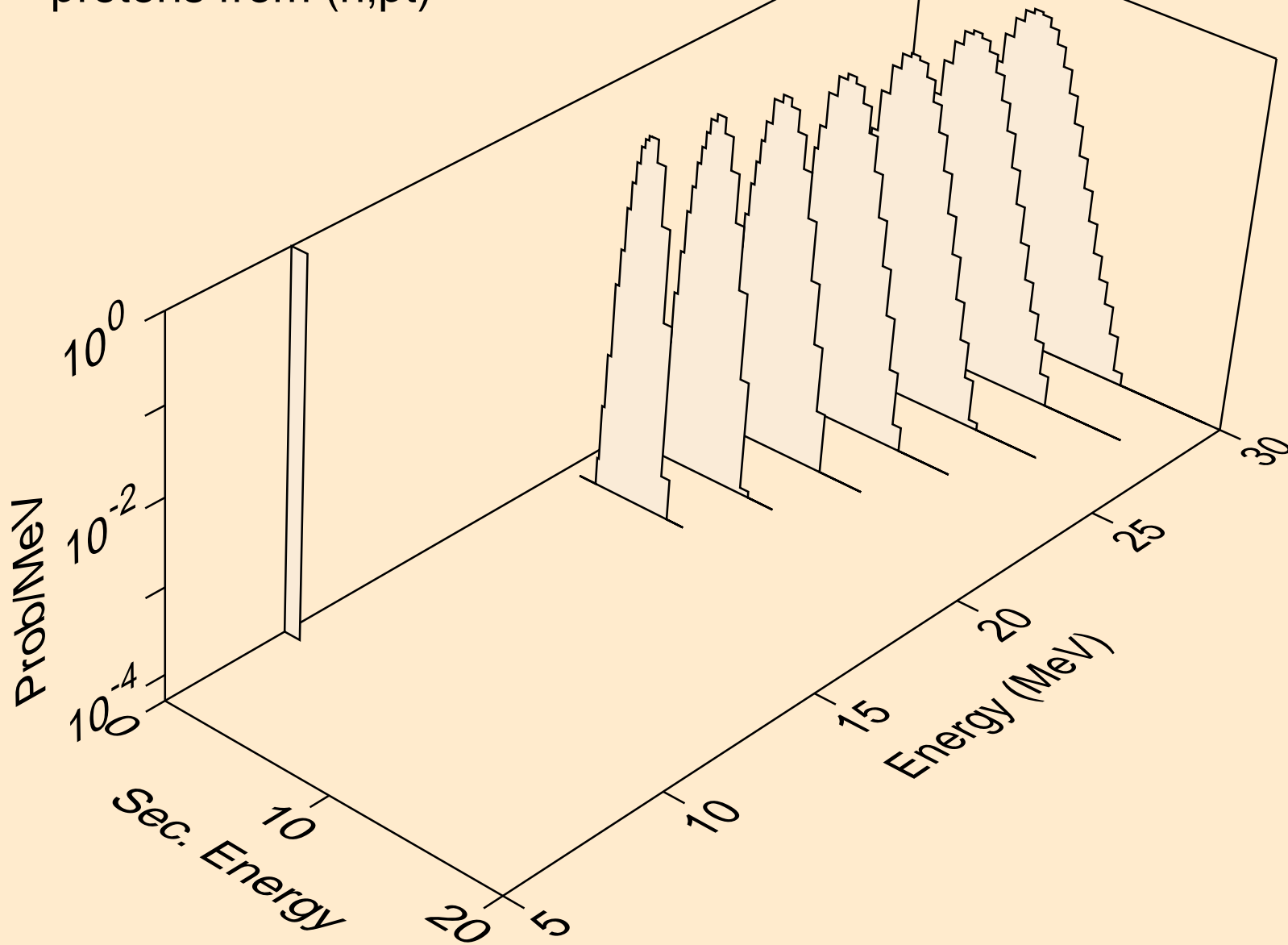
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



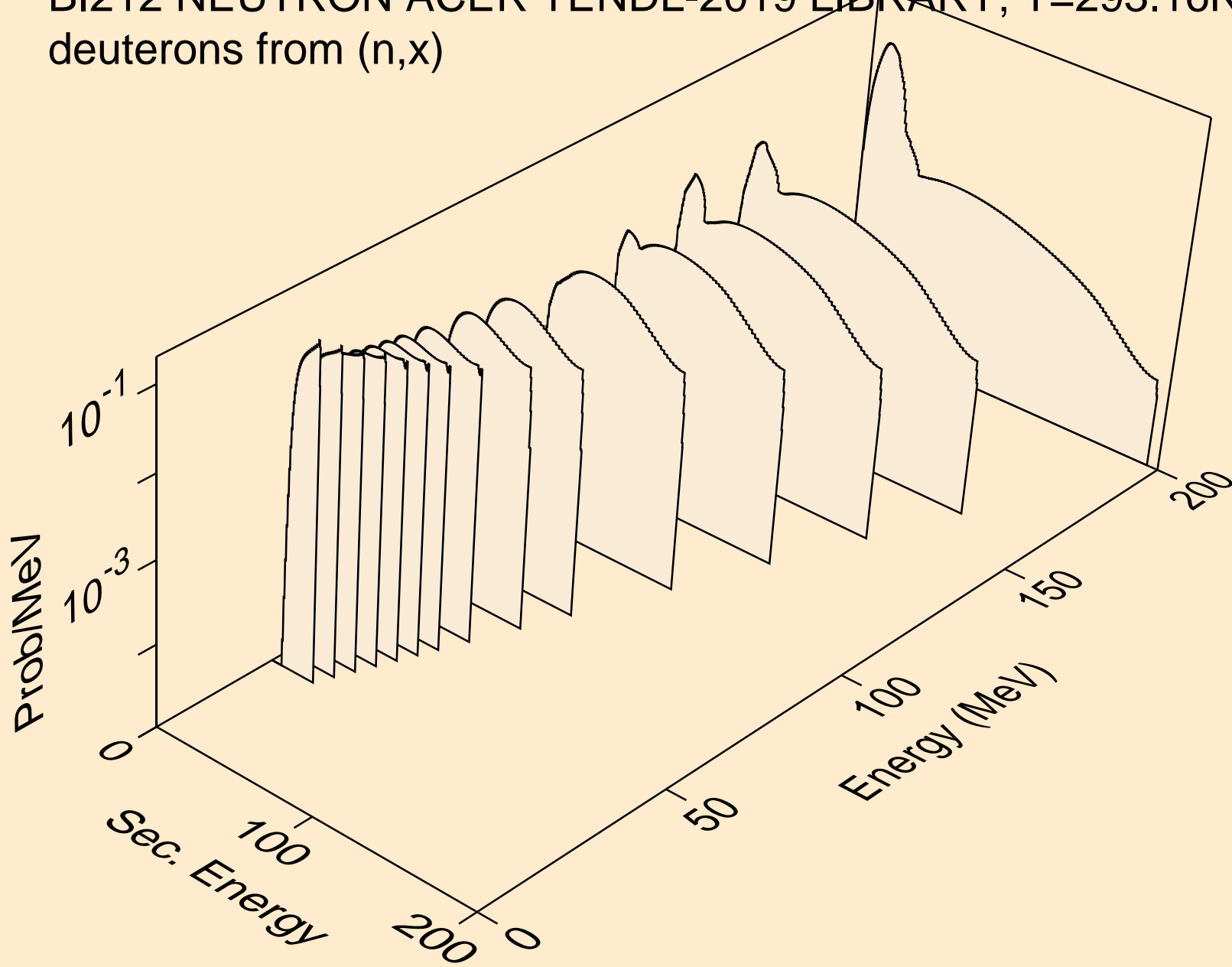
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



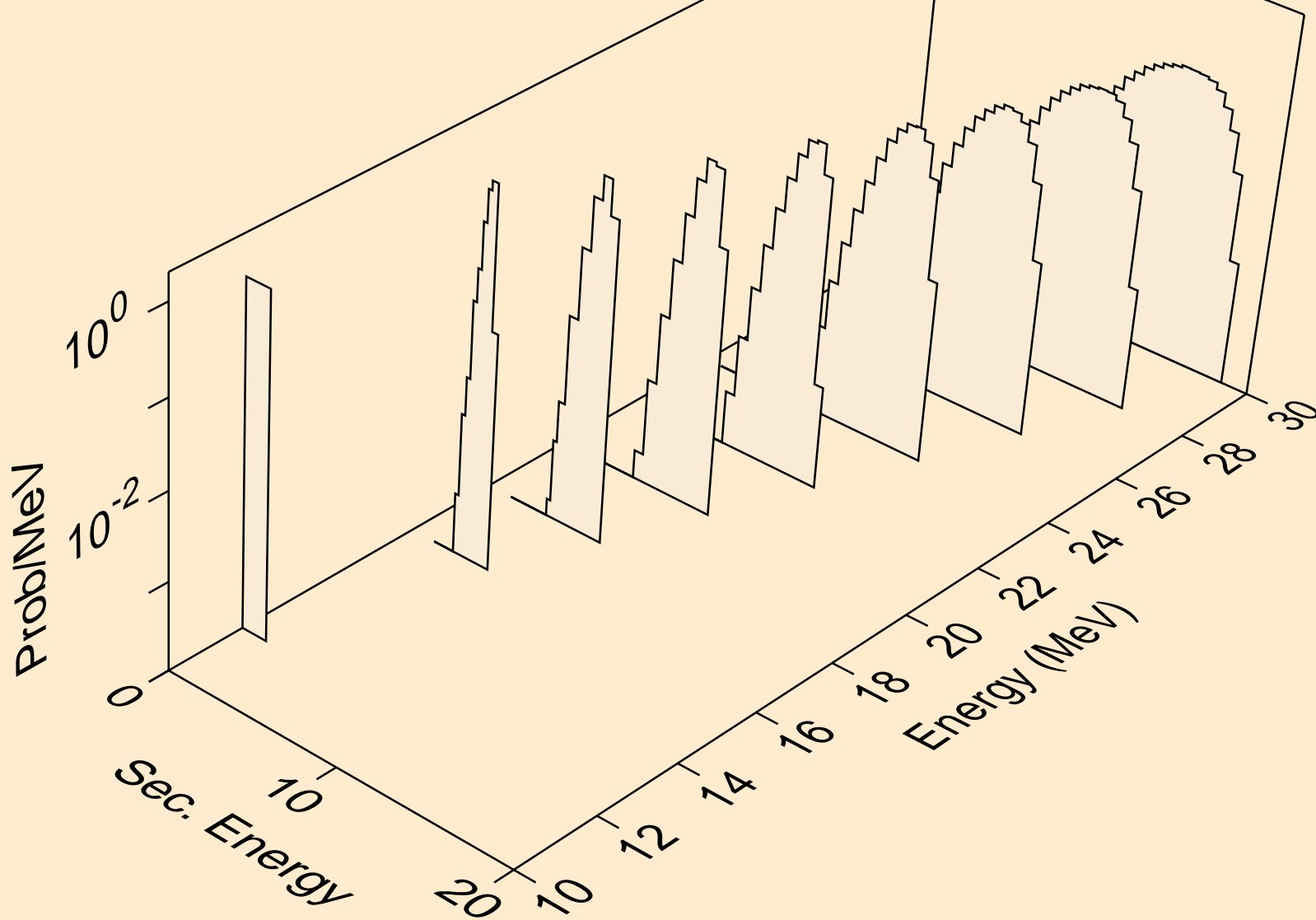
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



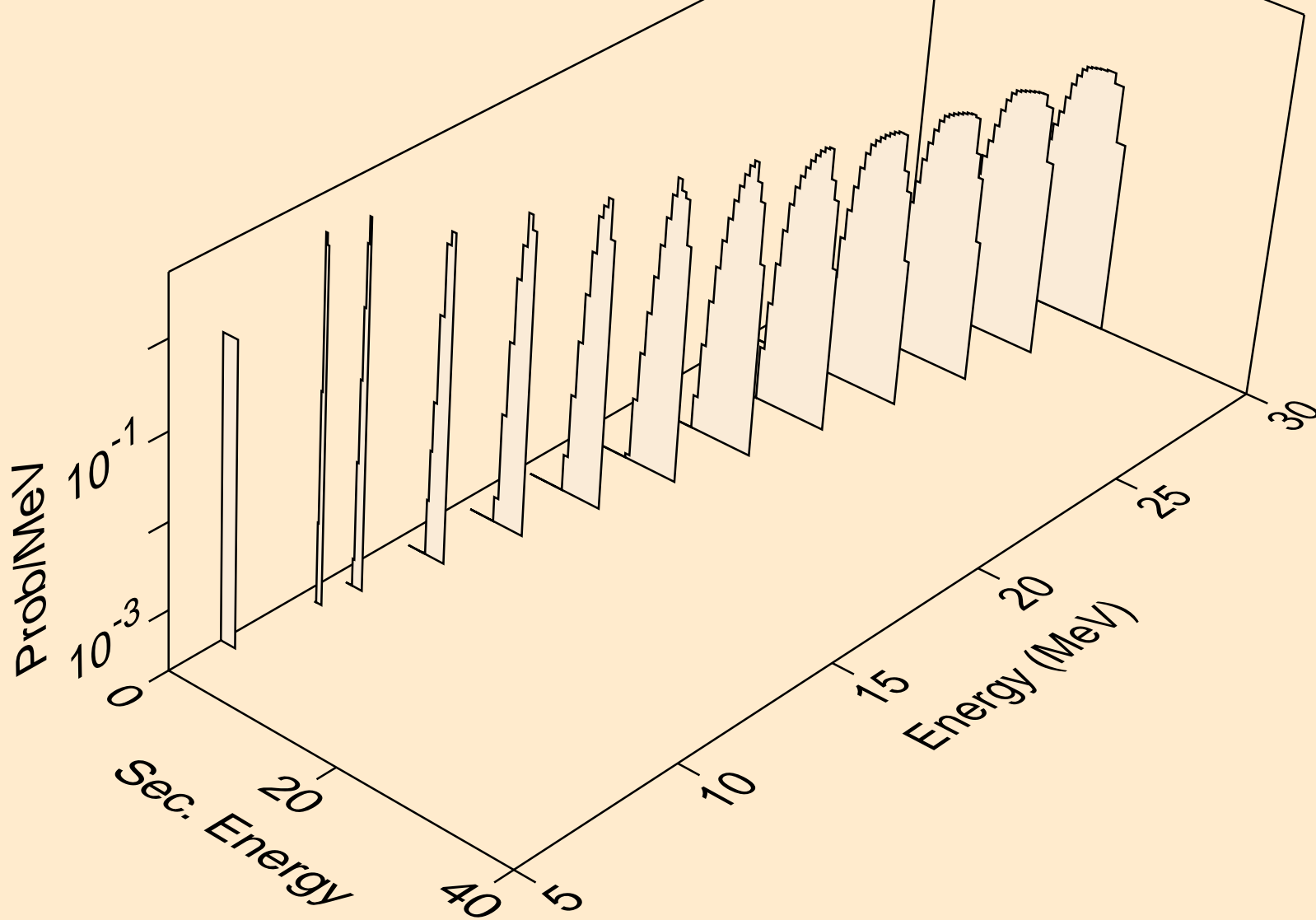
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



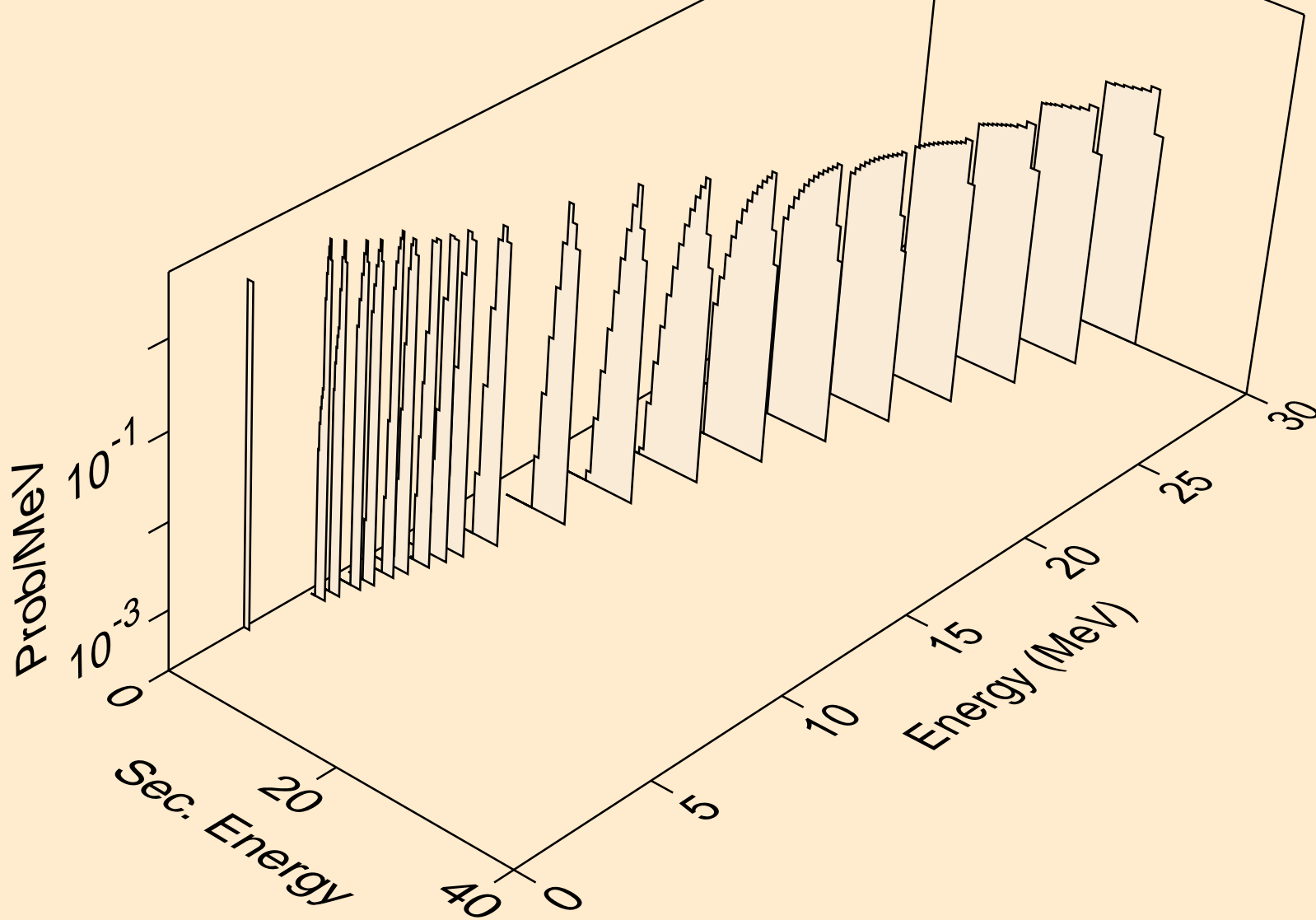
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



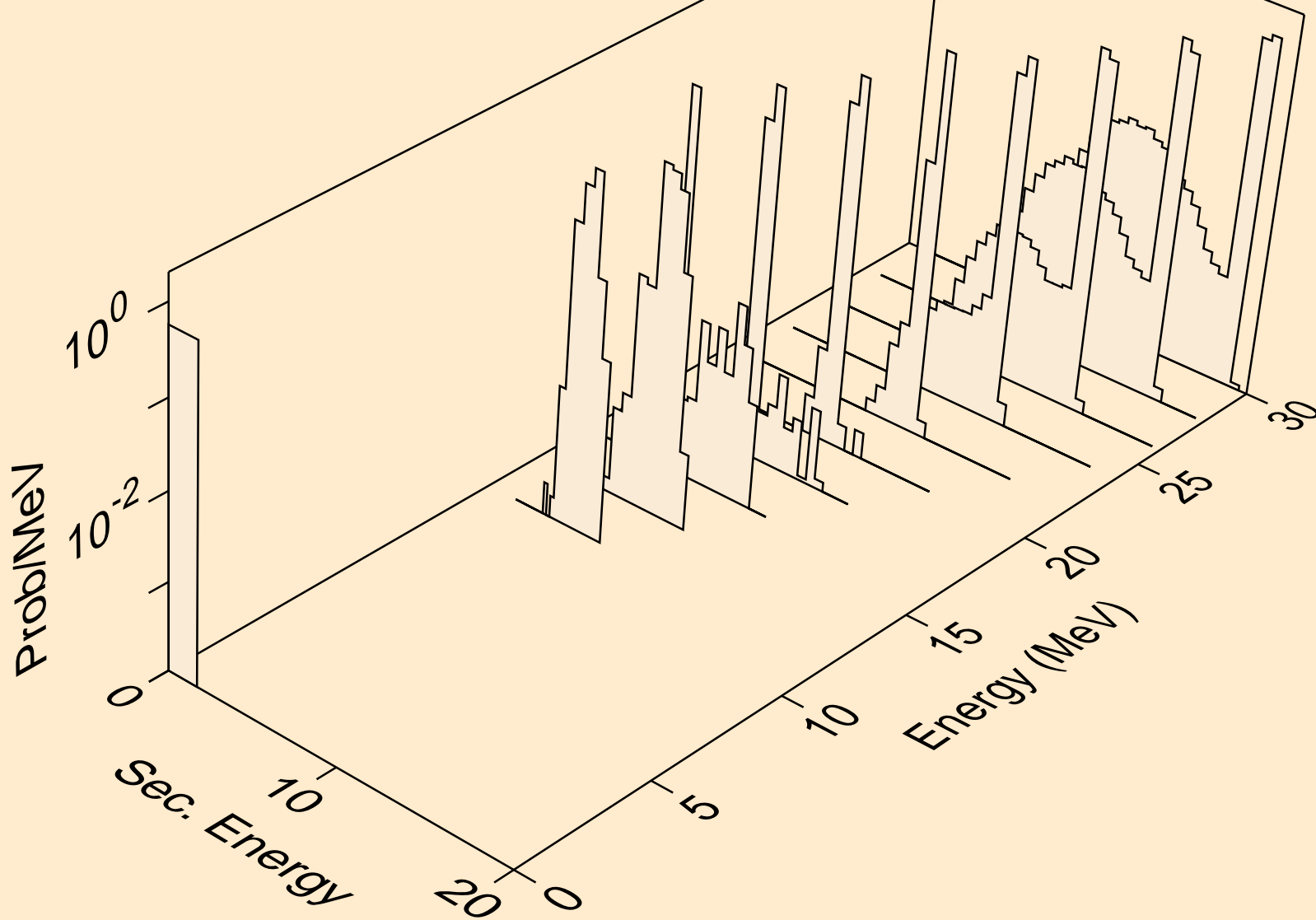
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



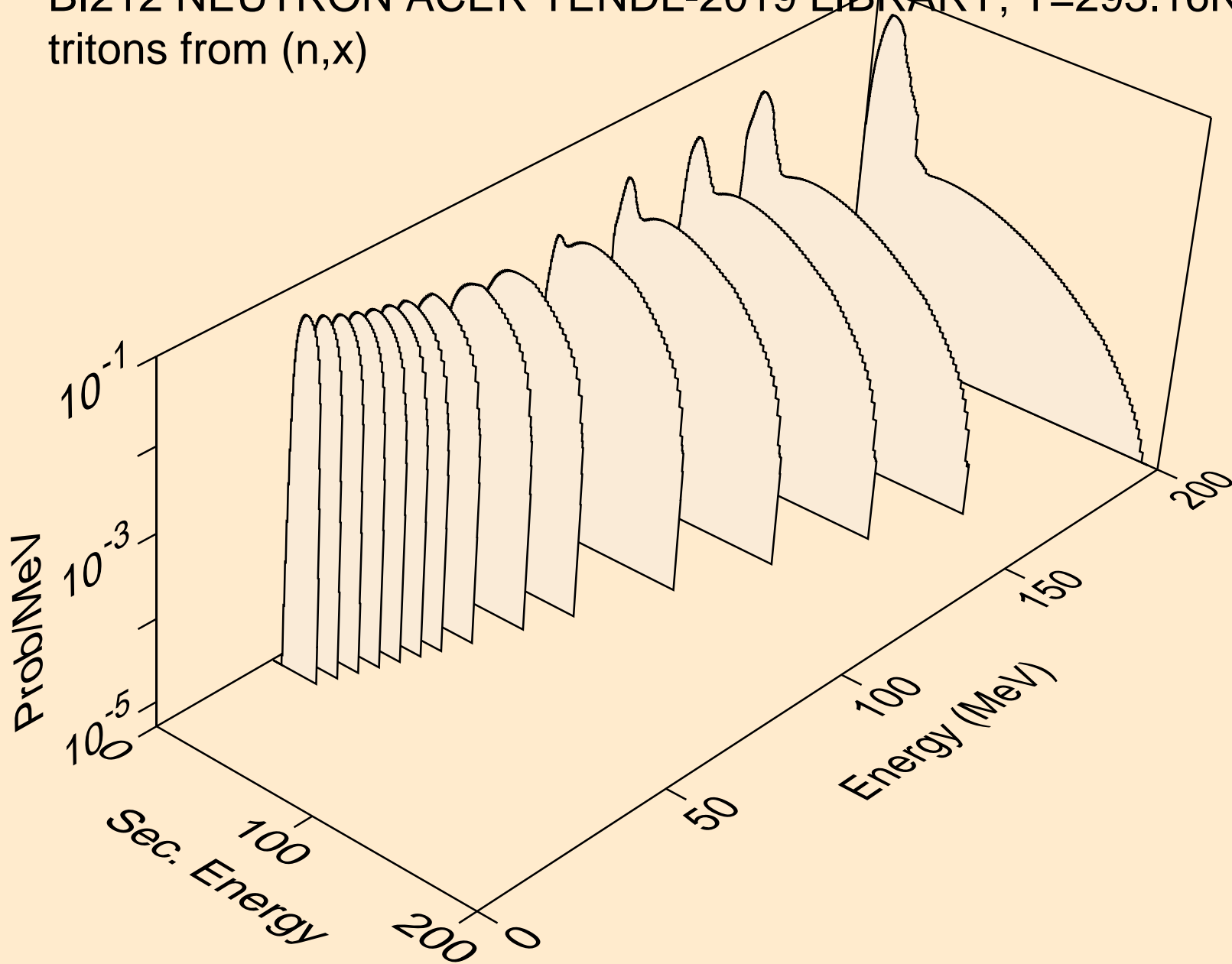
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



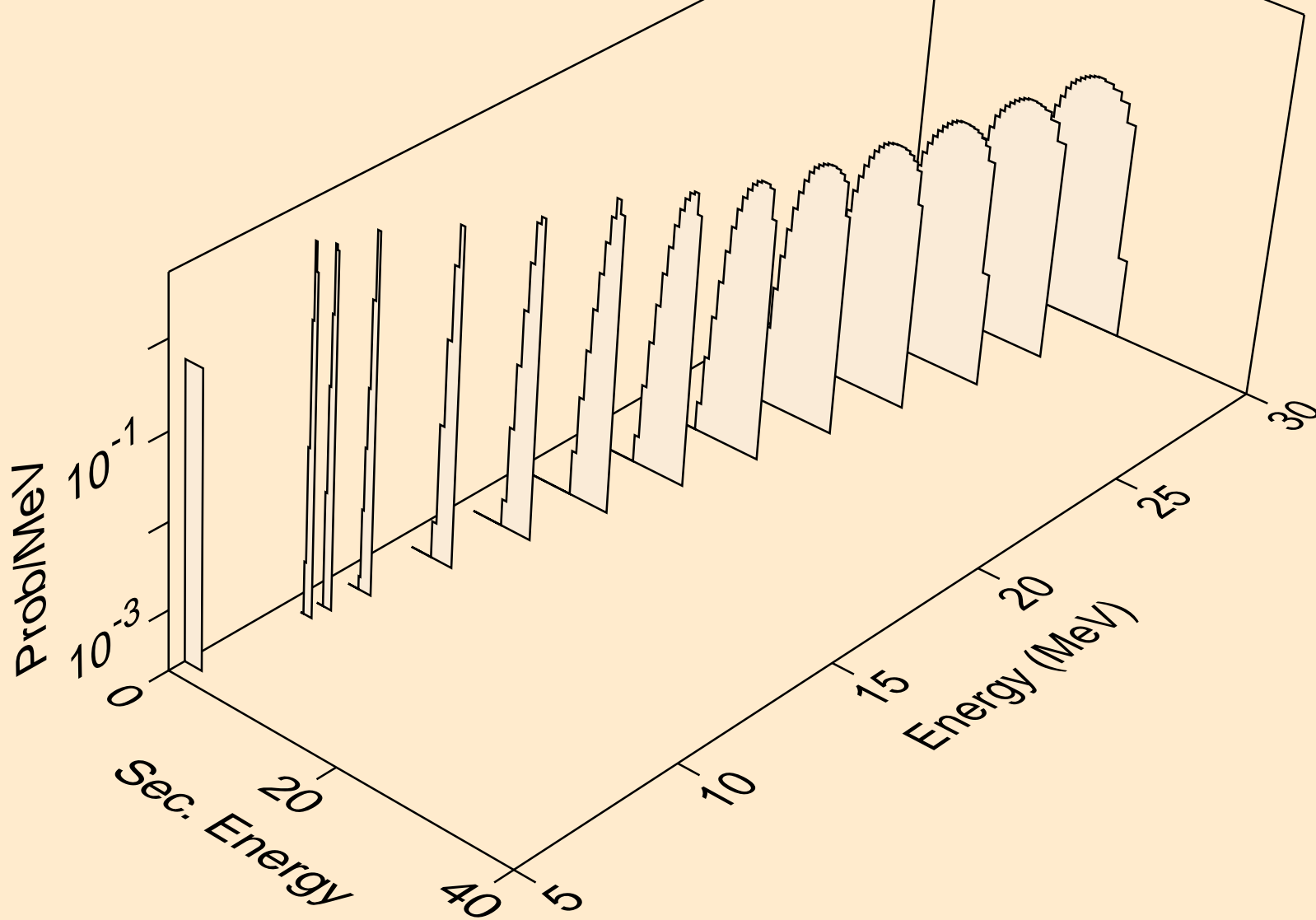
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



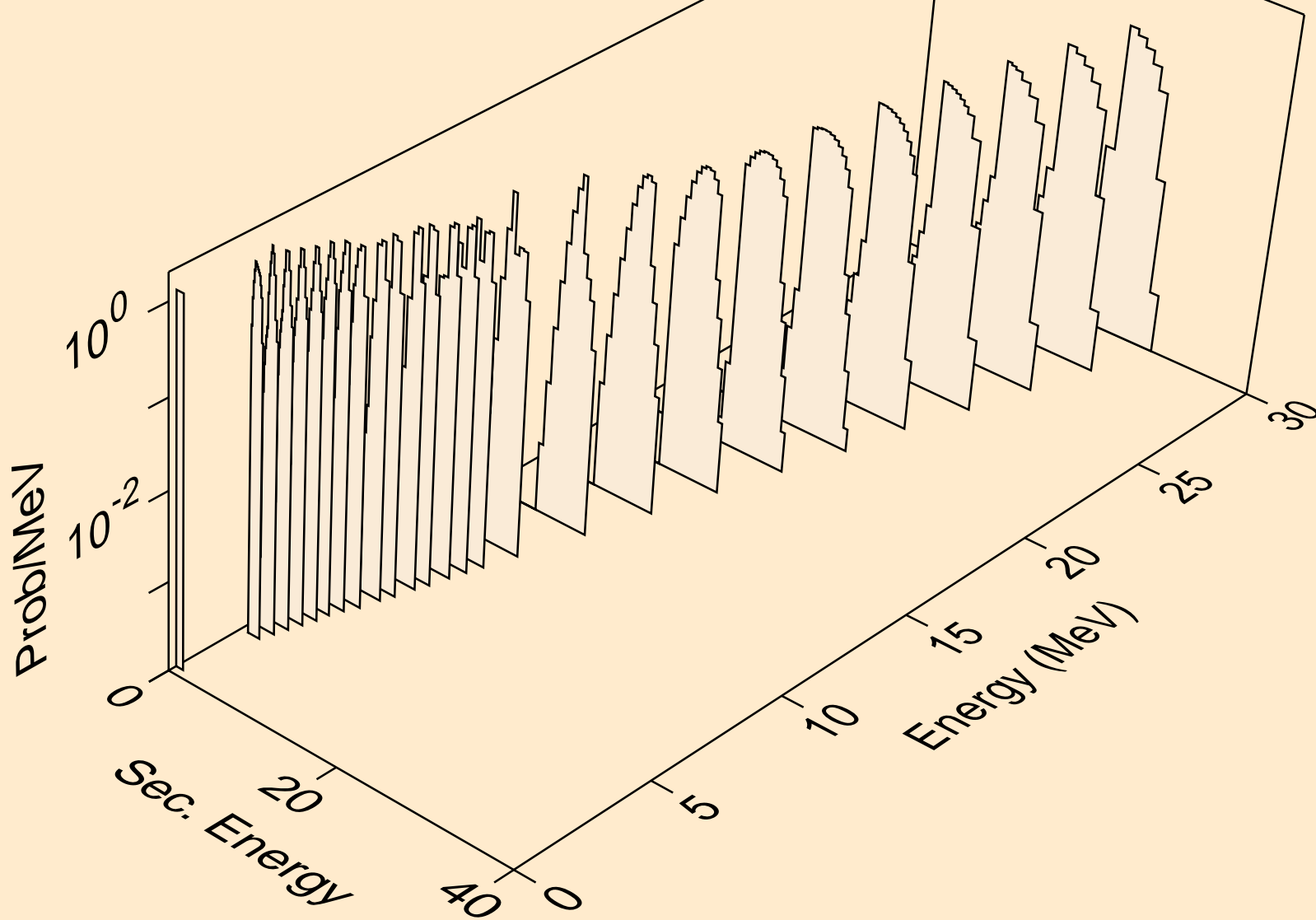
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



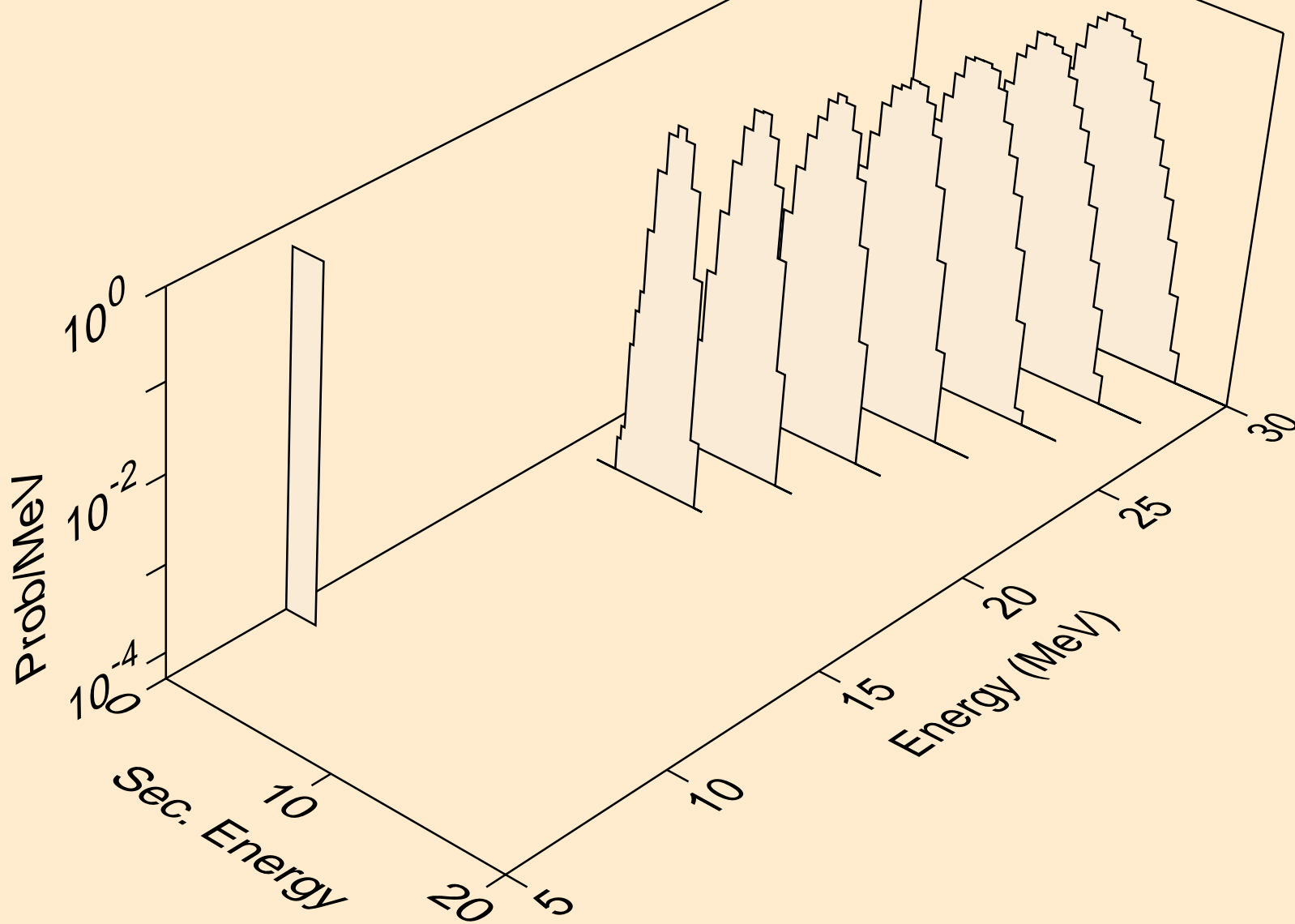
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



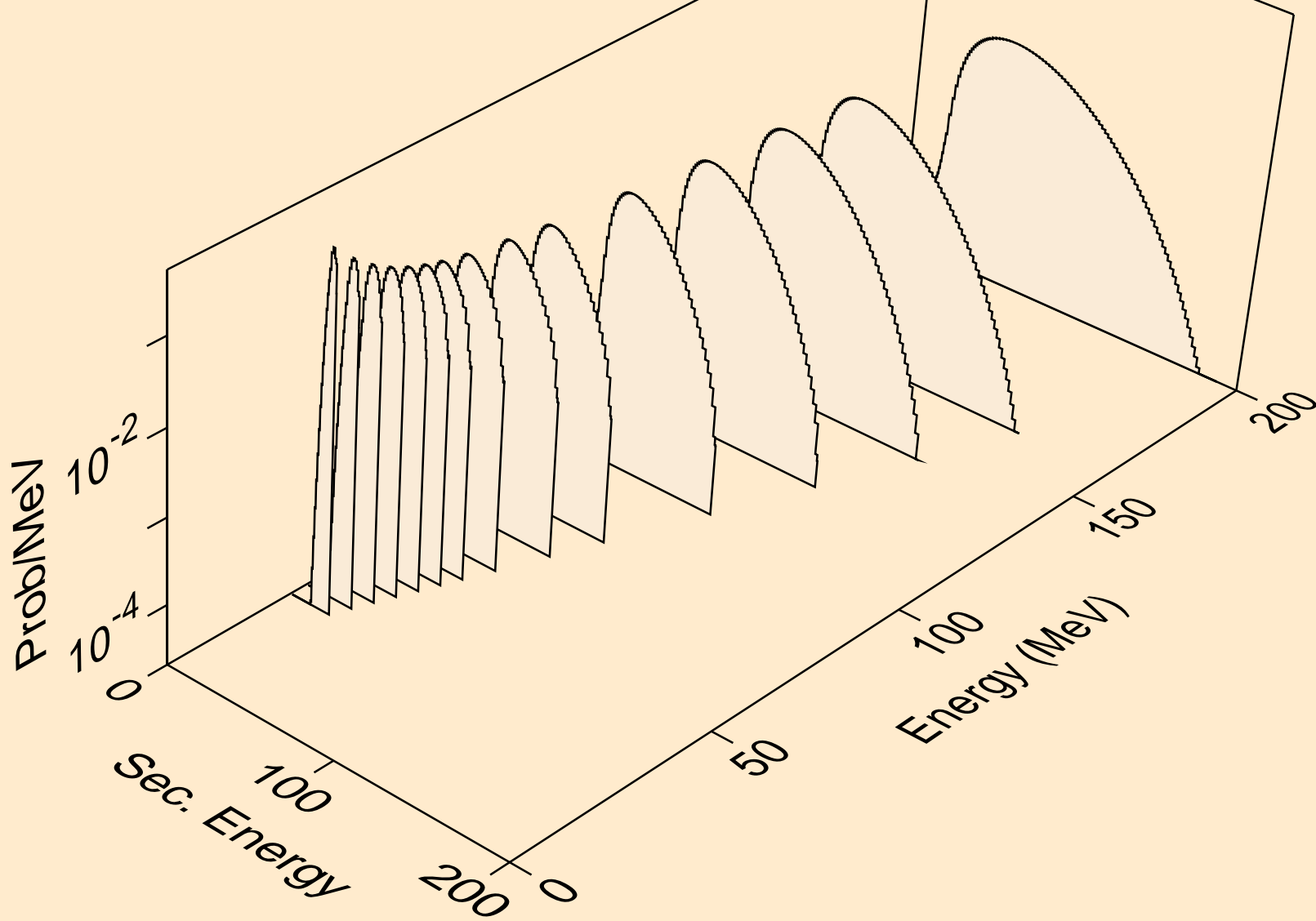
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



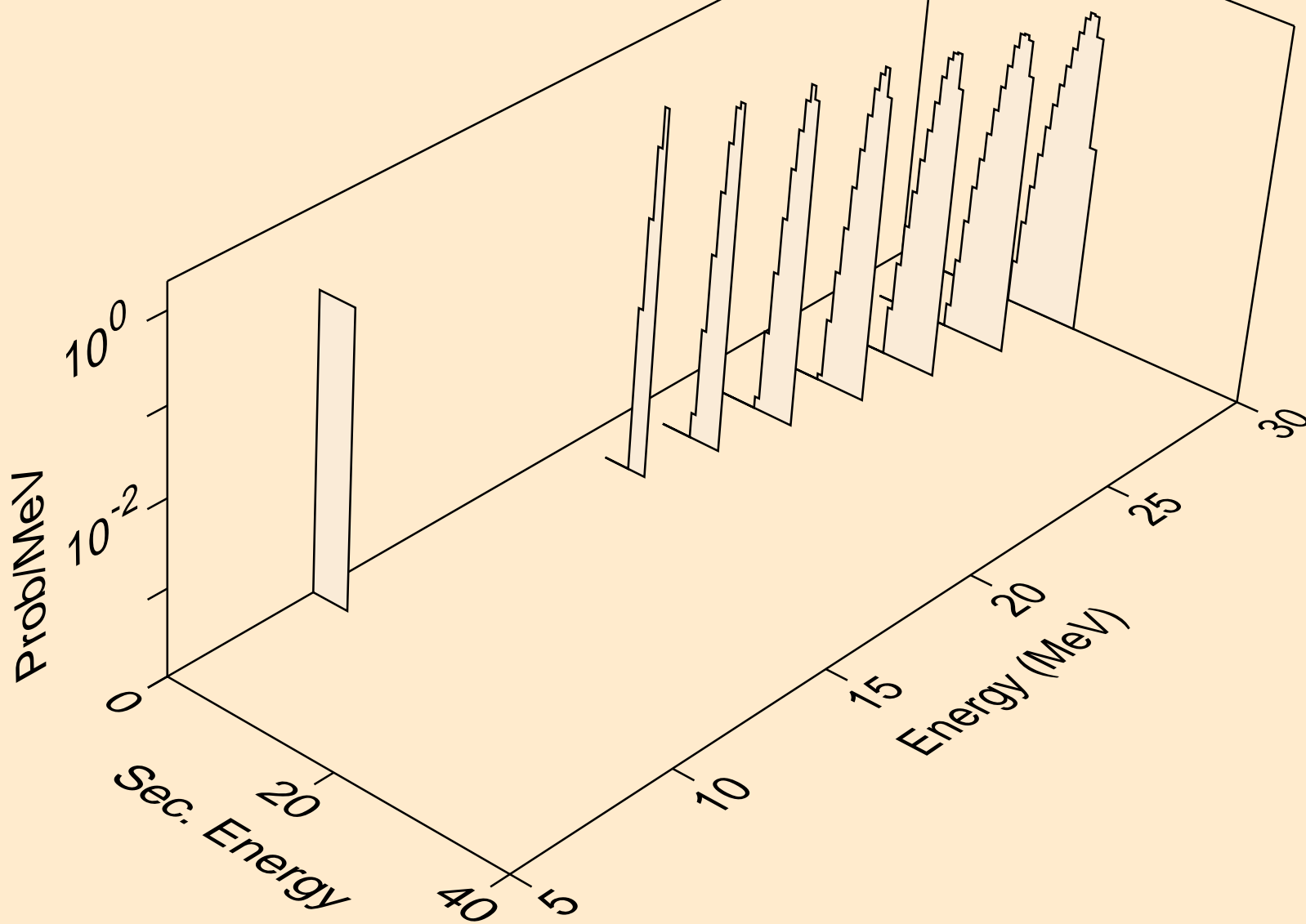
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



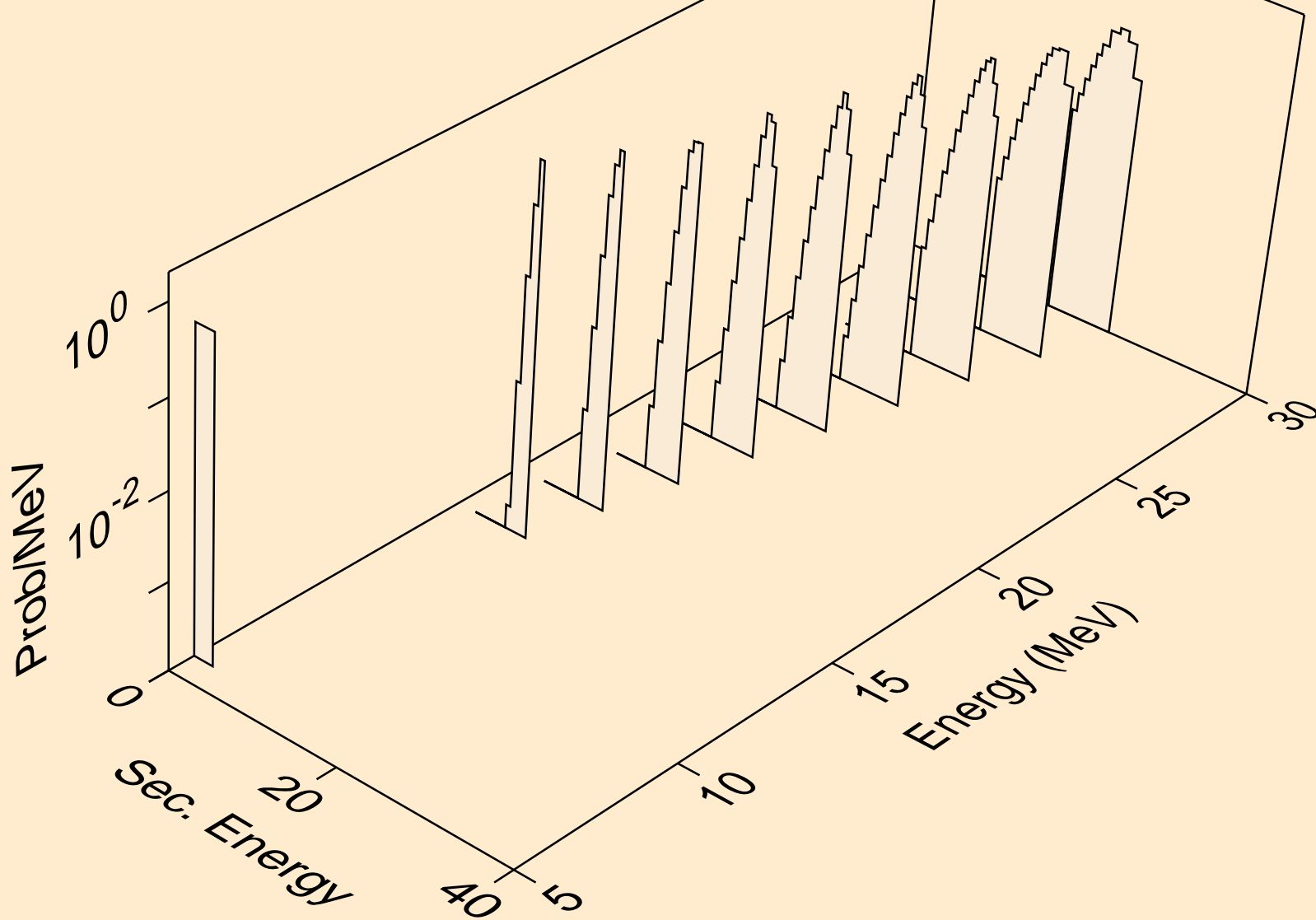
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



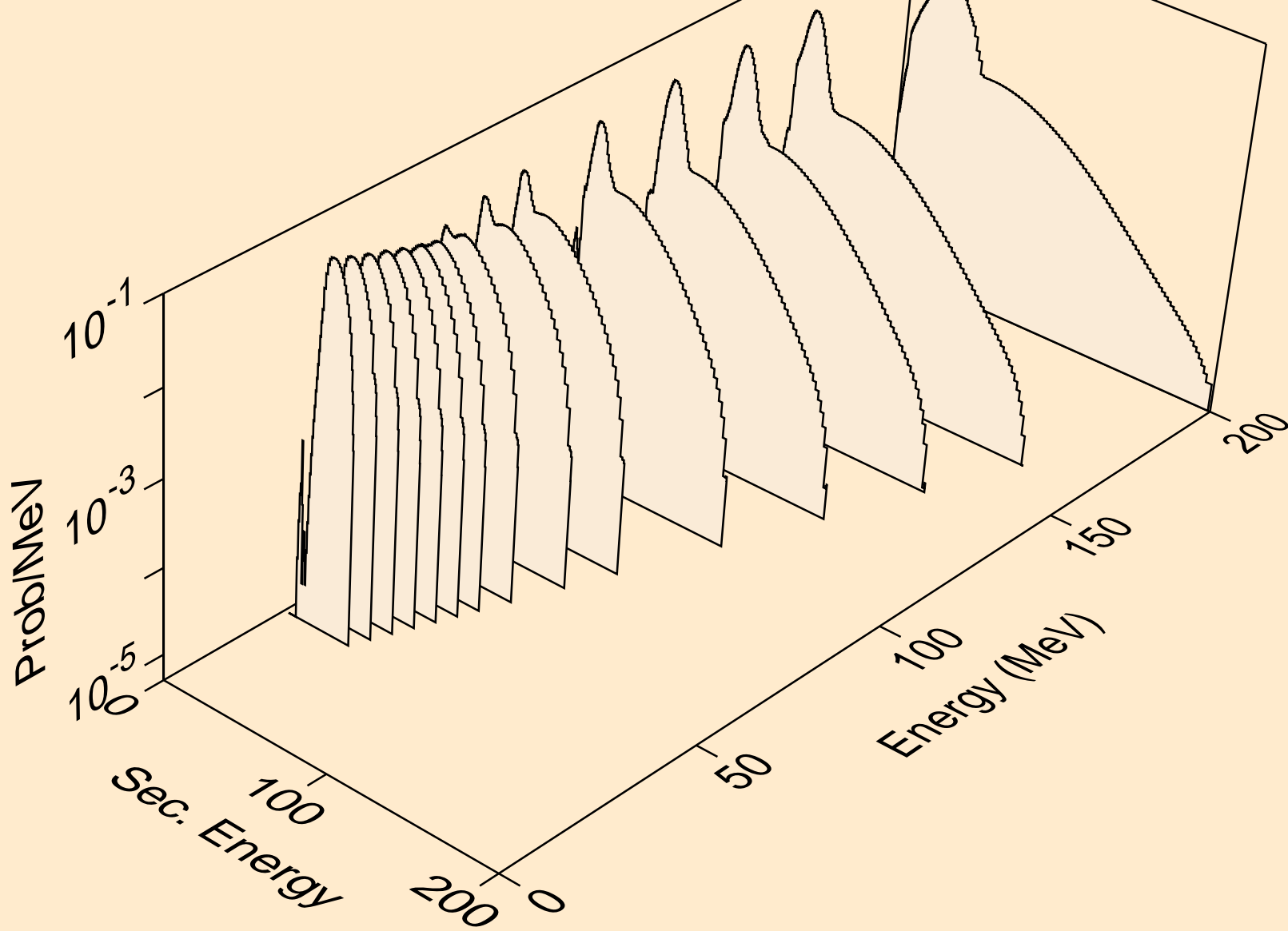
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



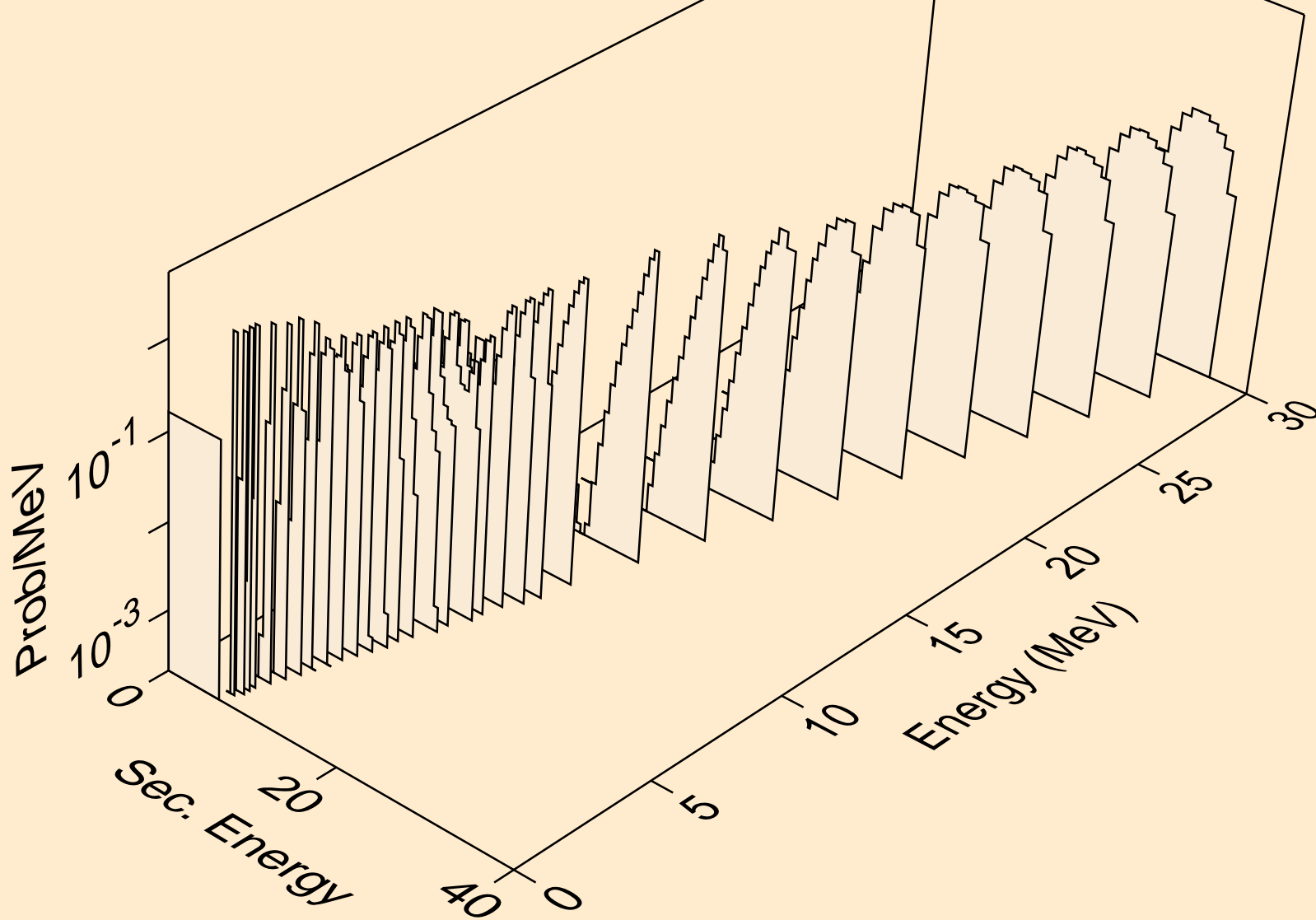
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



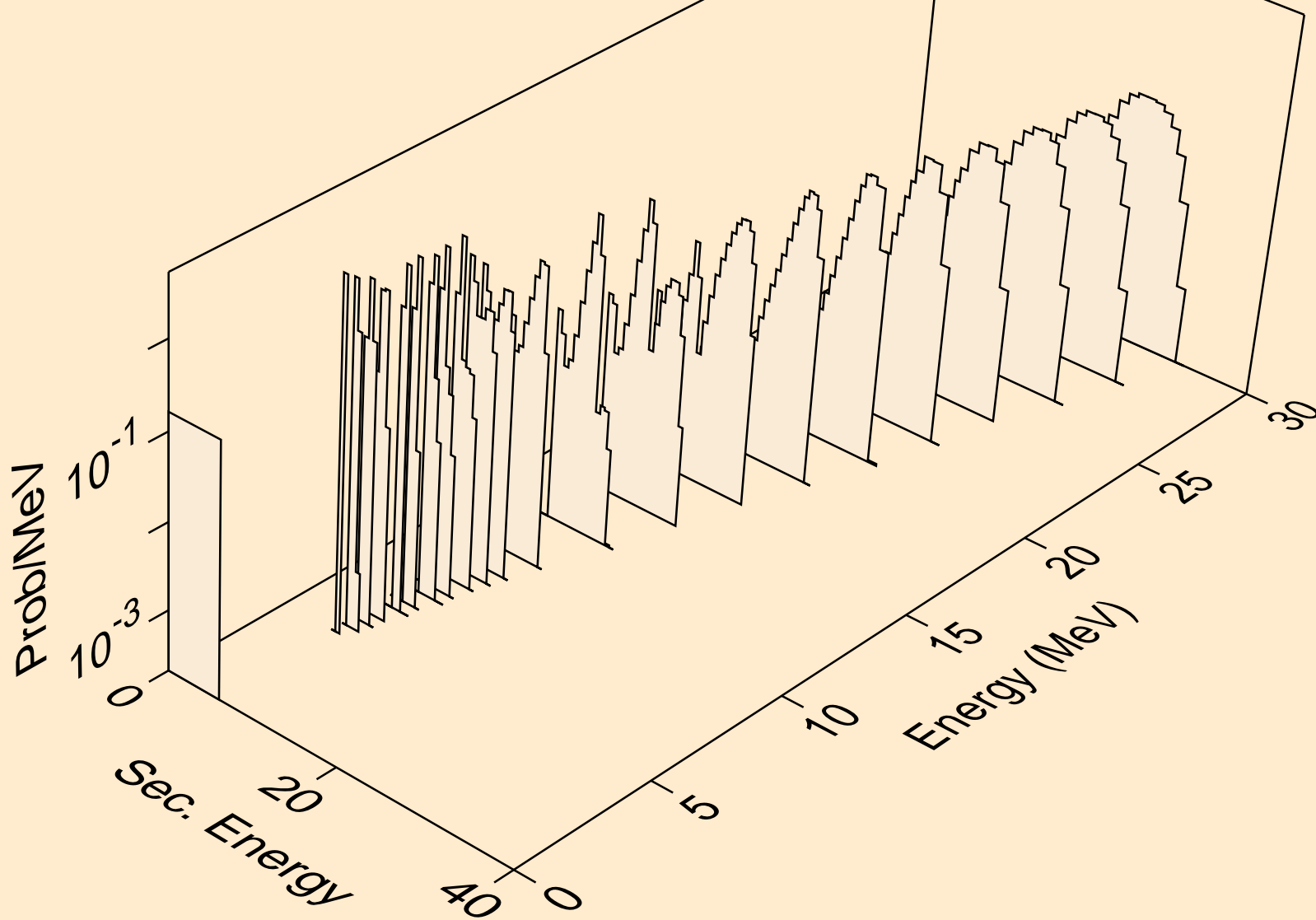
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



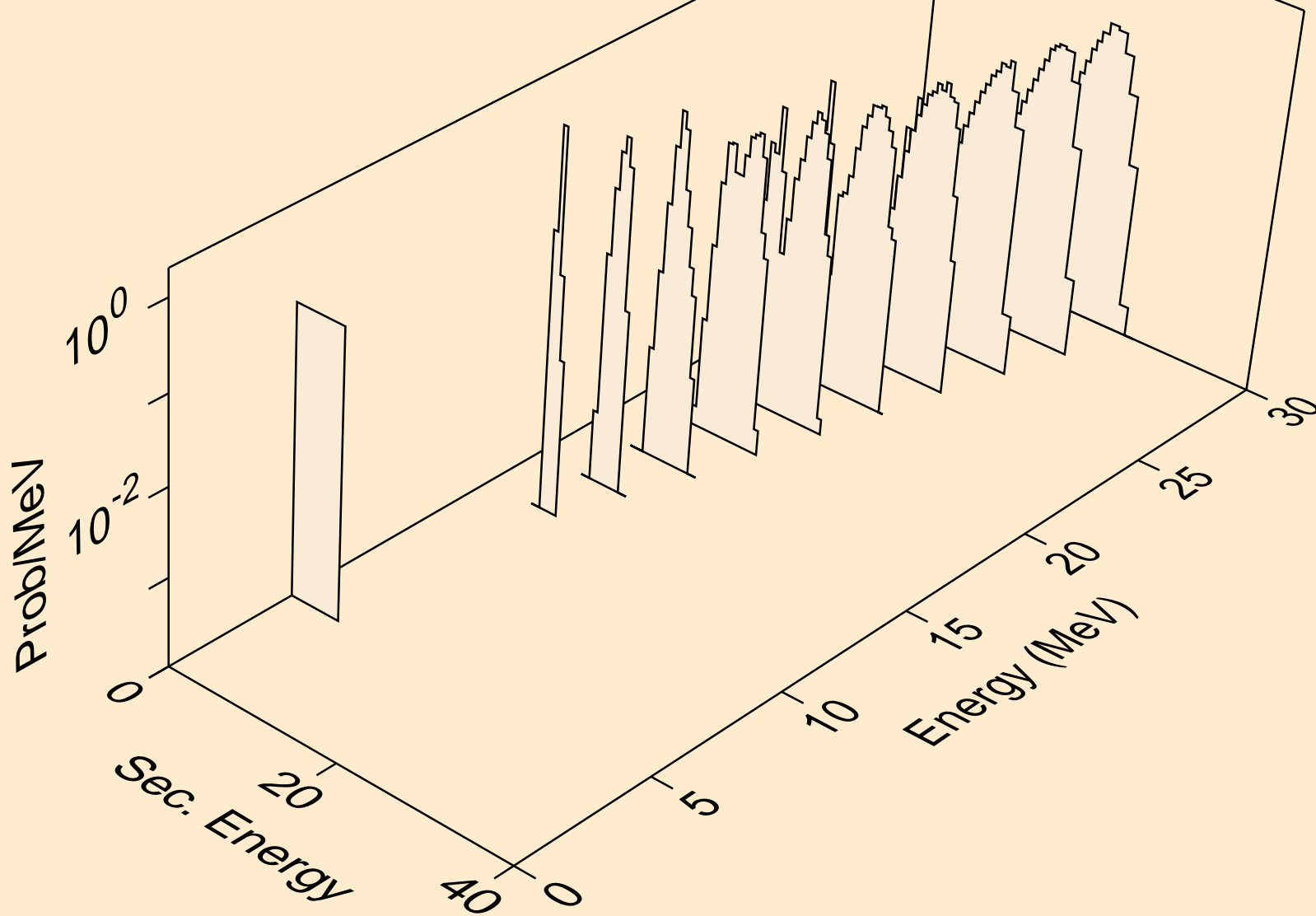
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



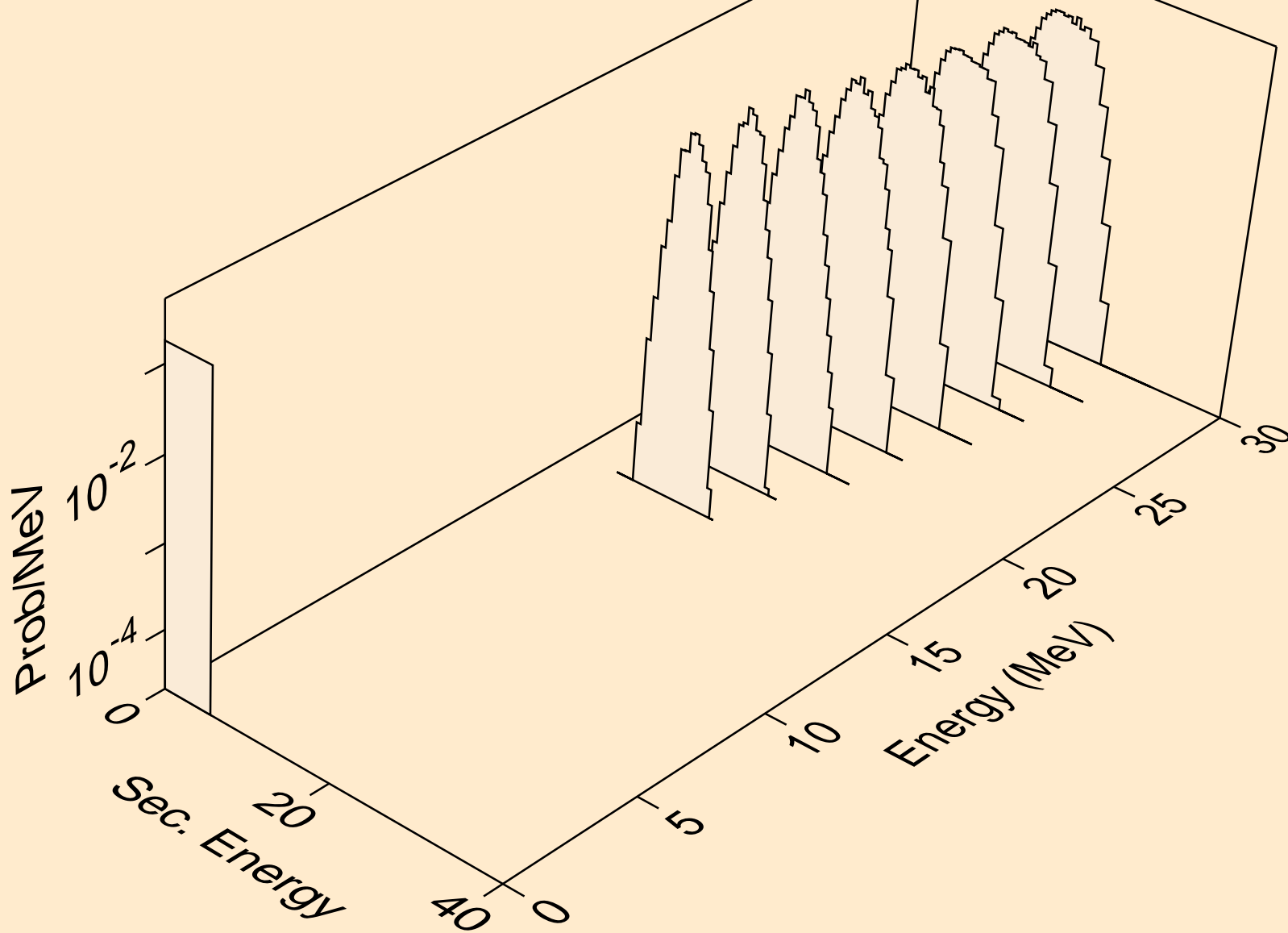
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



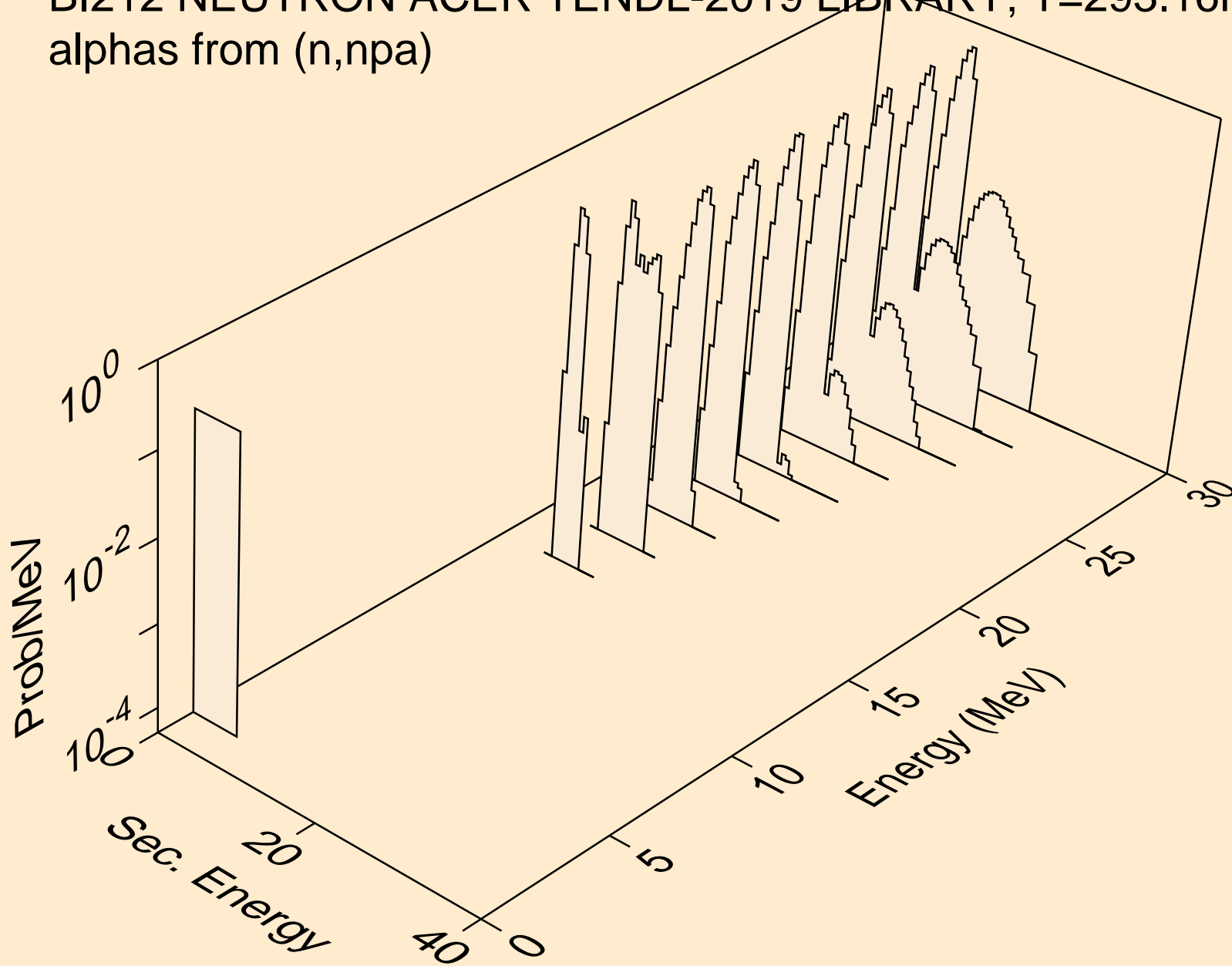
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



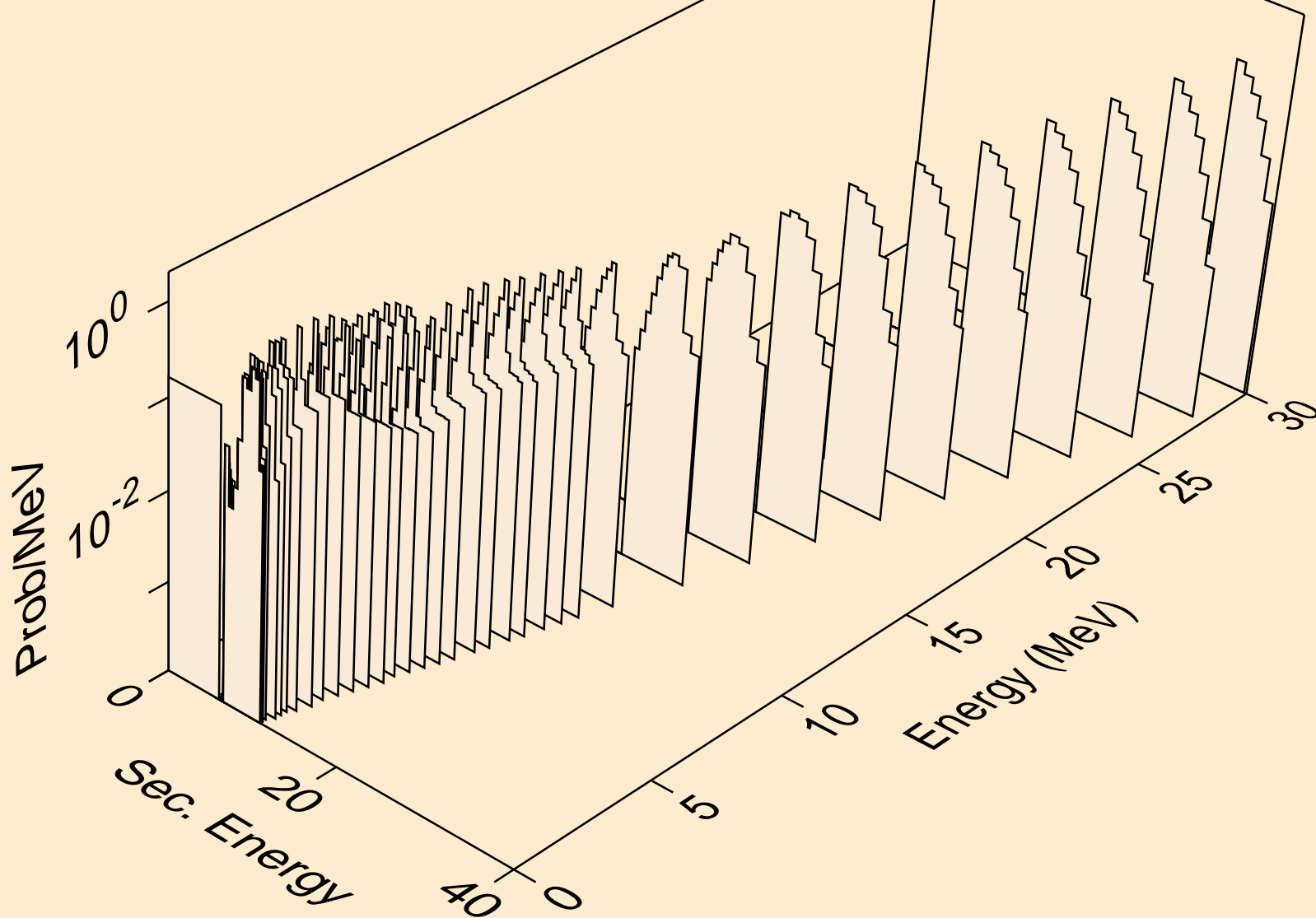
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



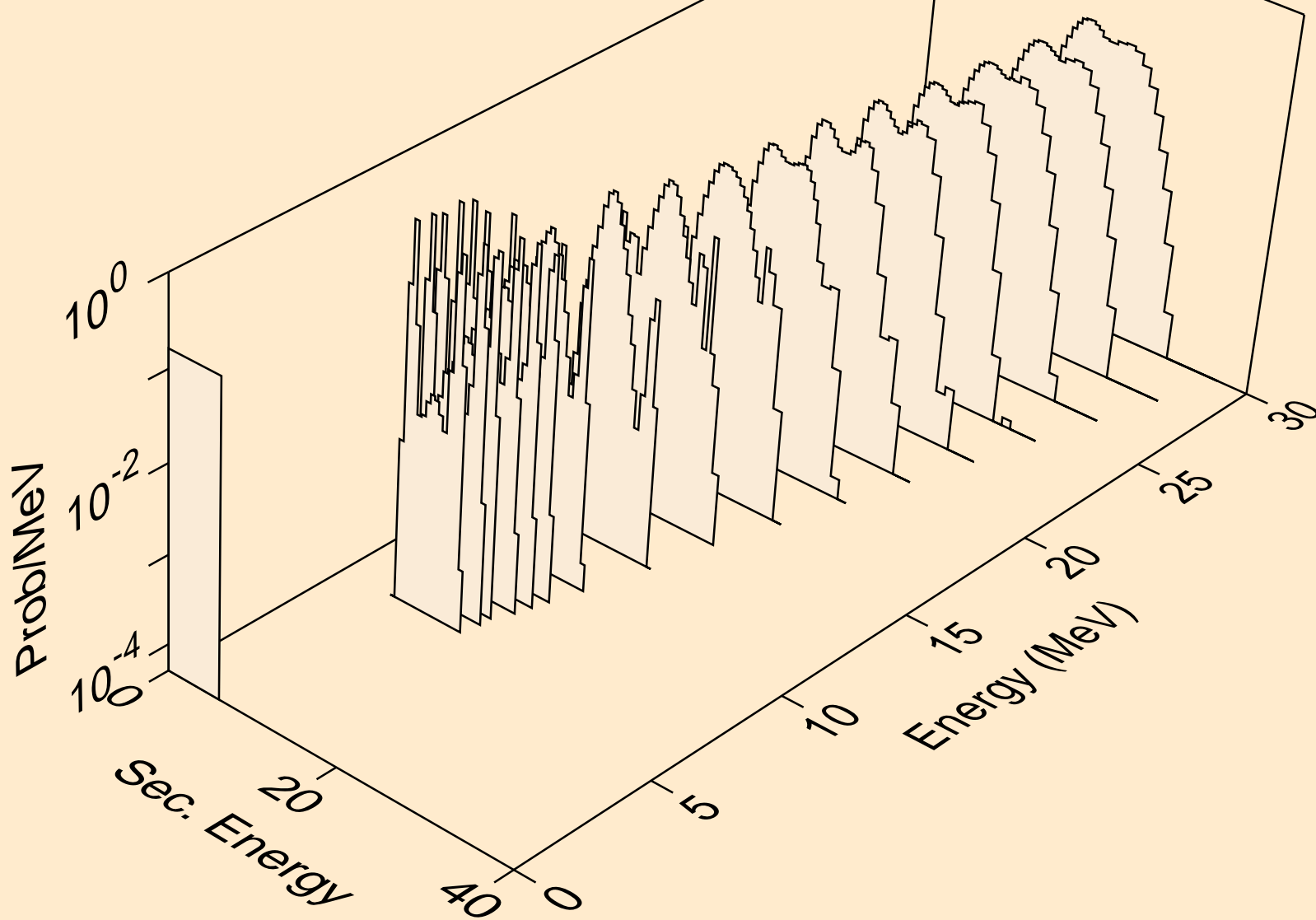
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



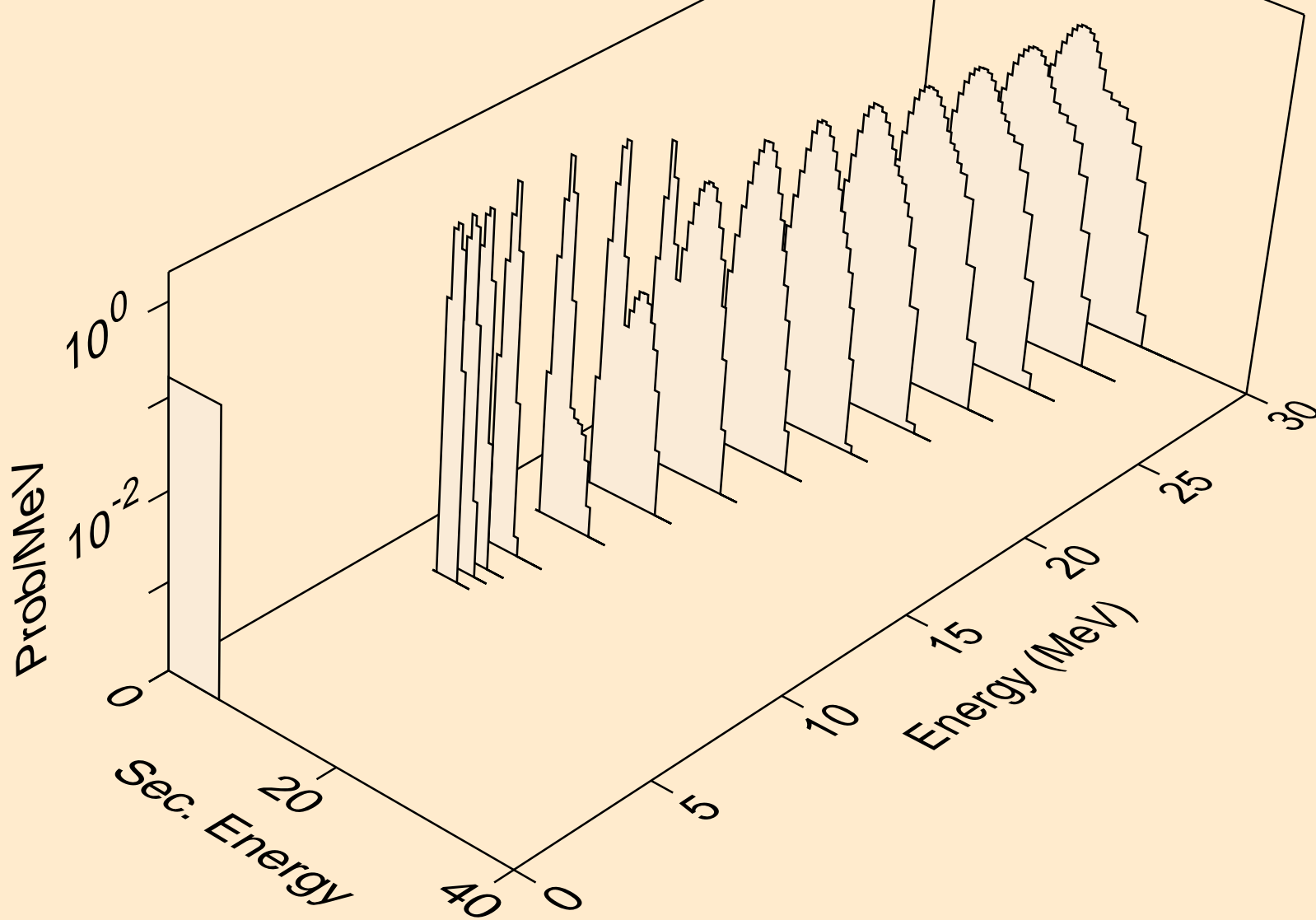
BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



BI212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

