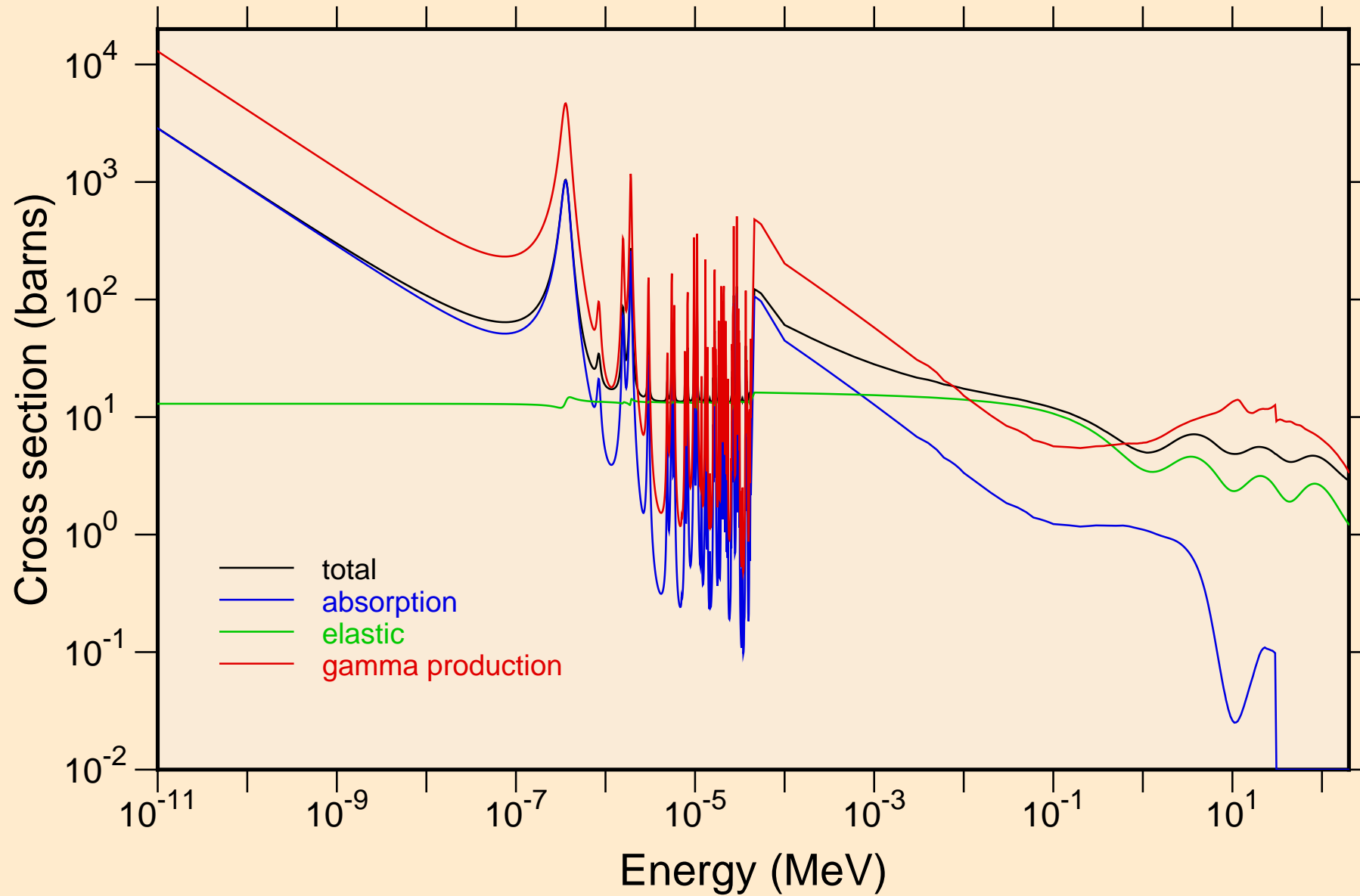
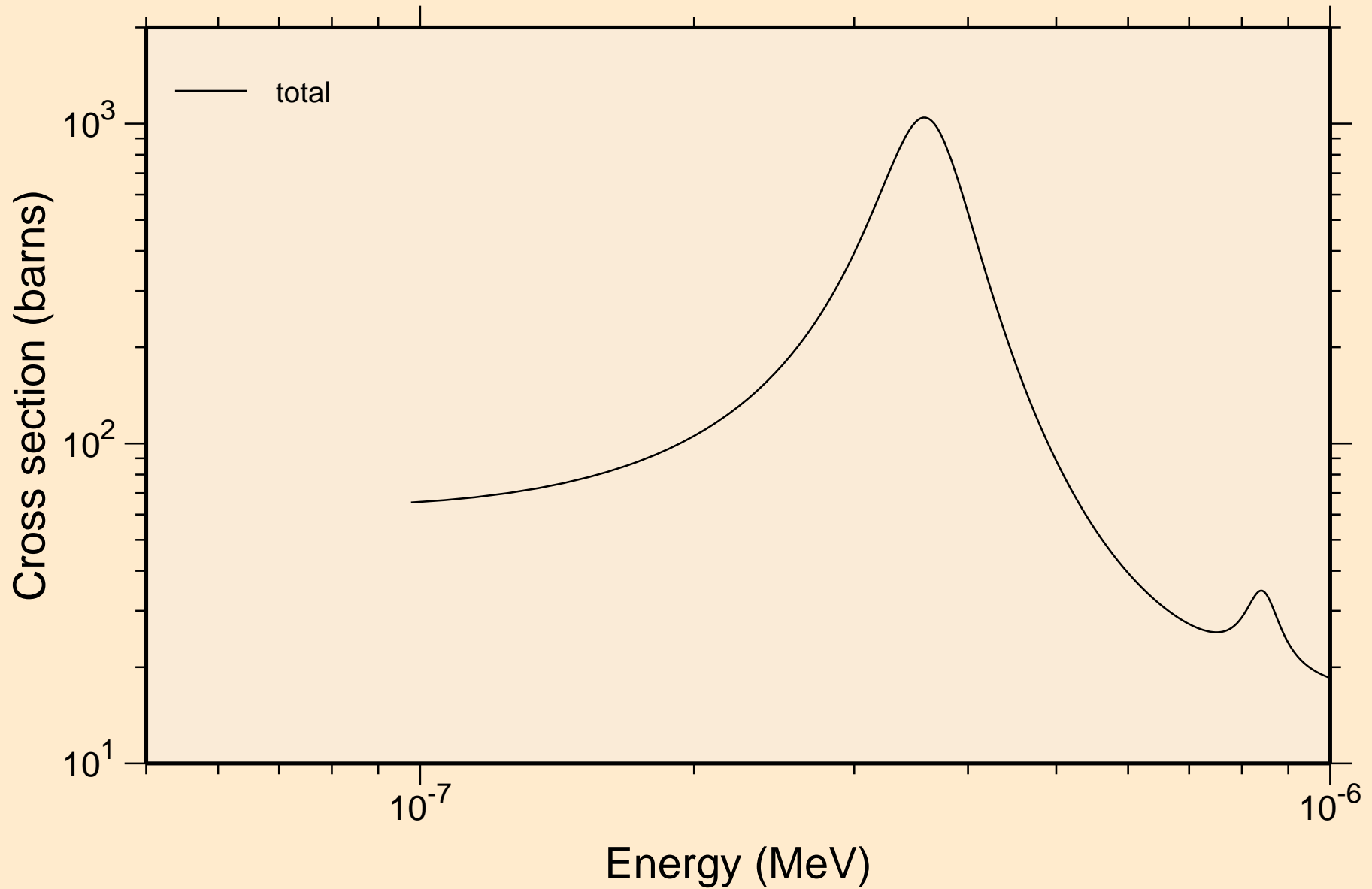


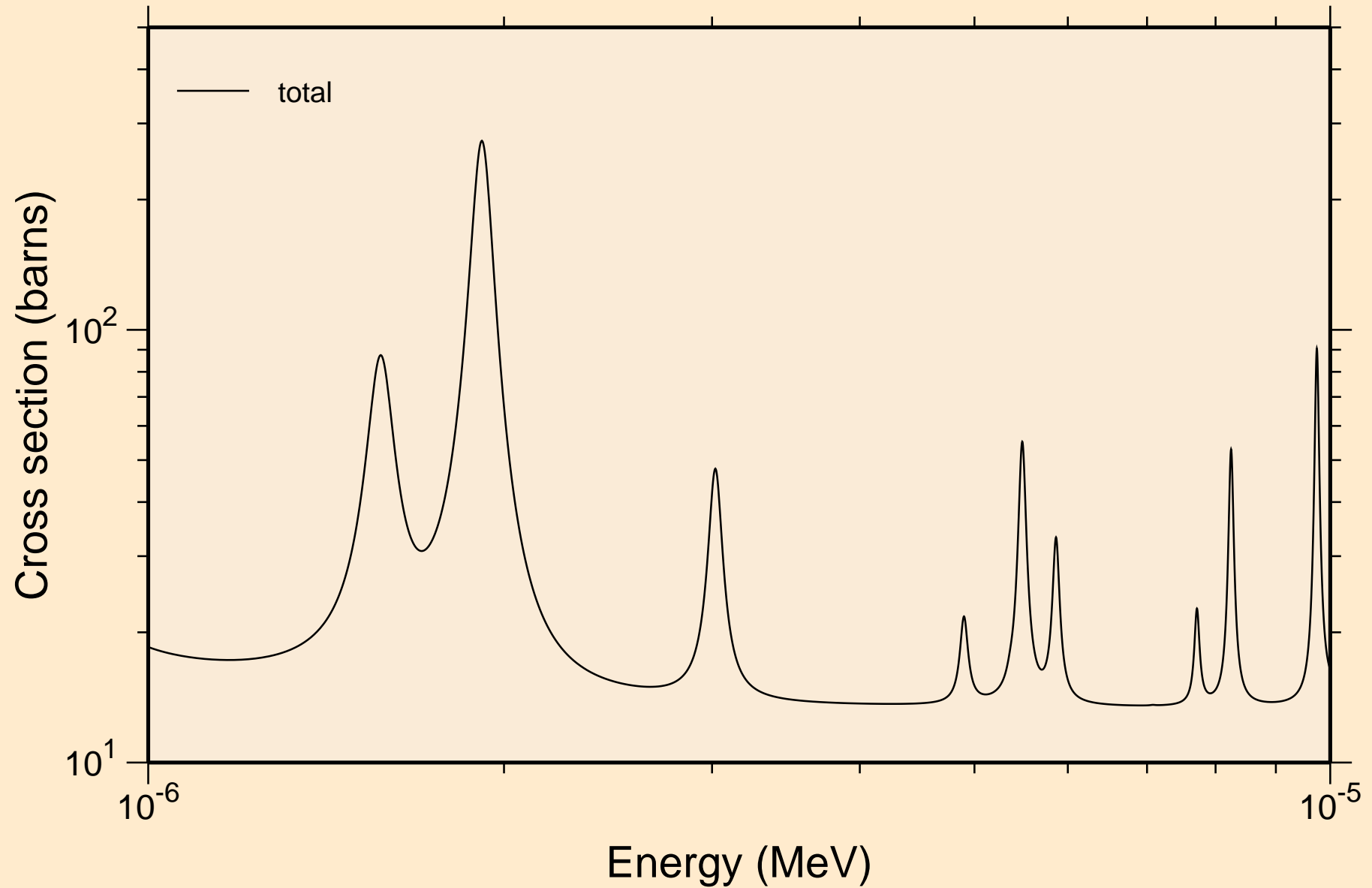
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



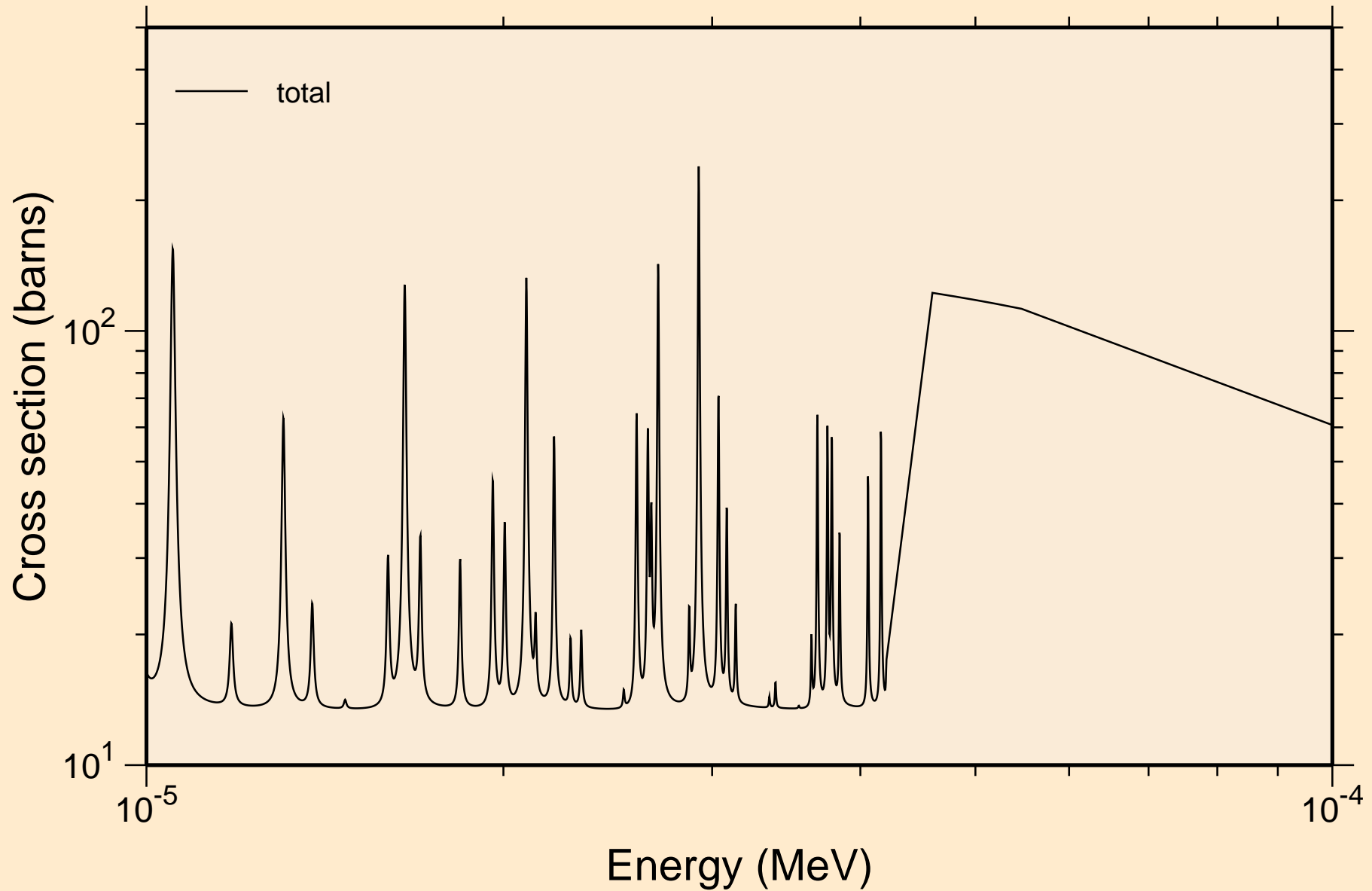
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



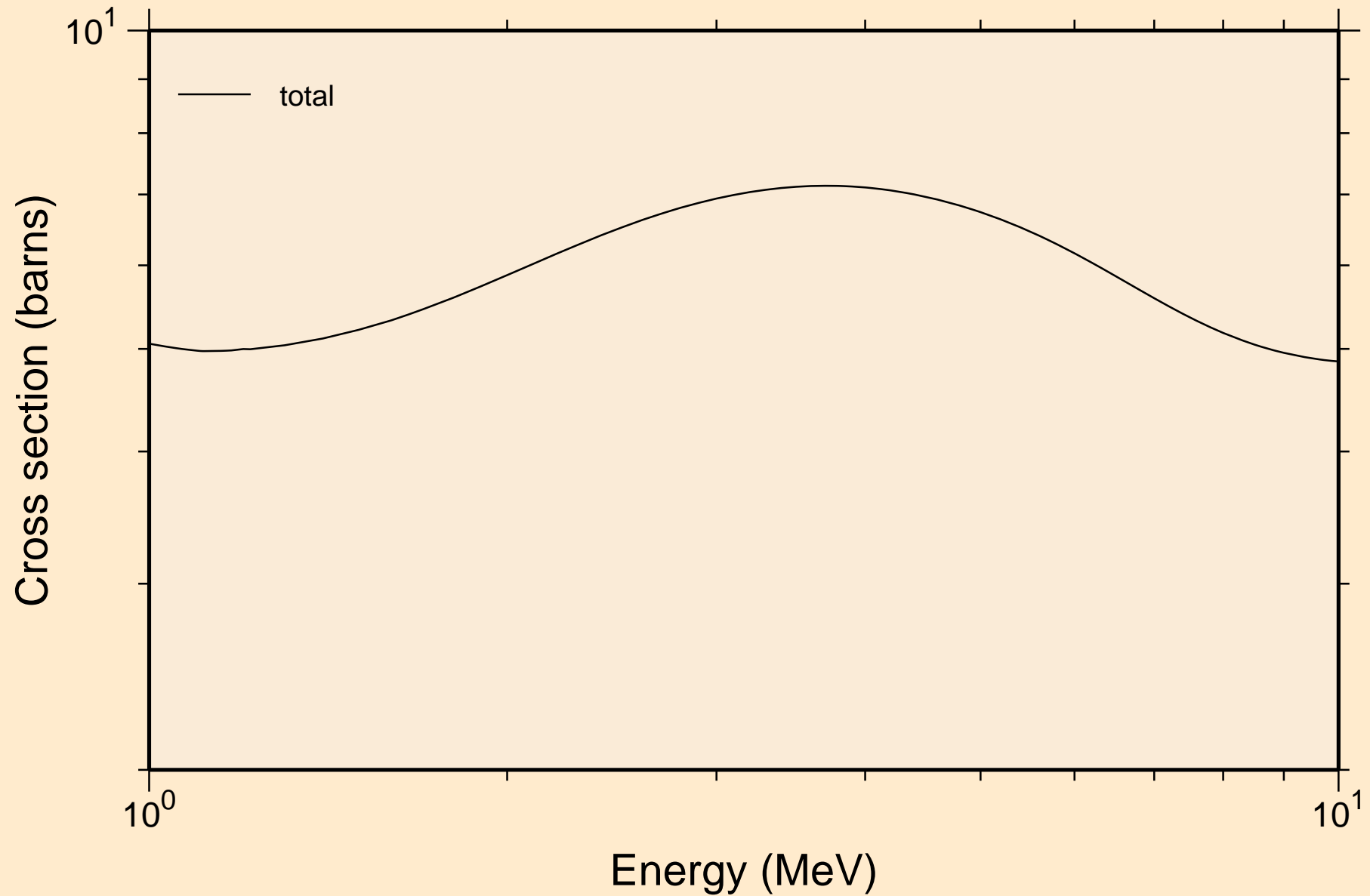
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



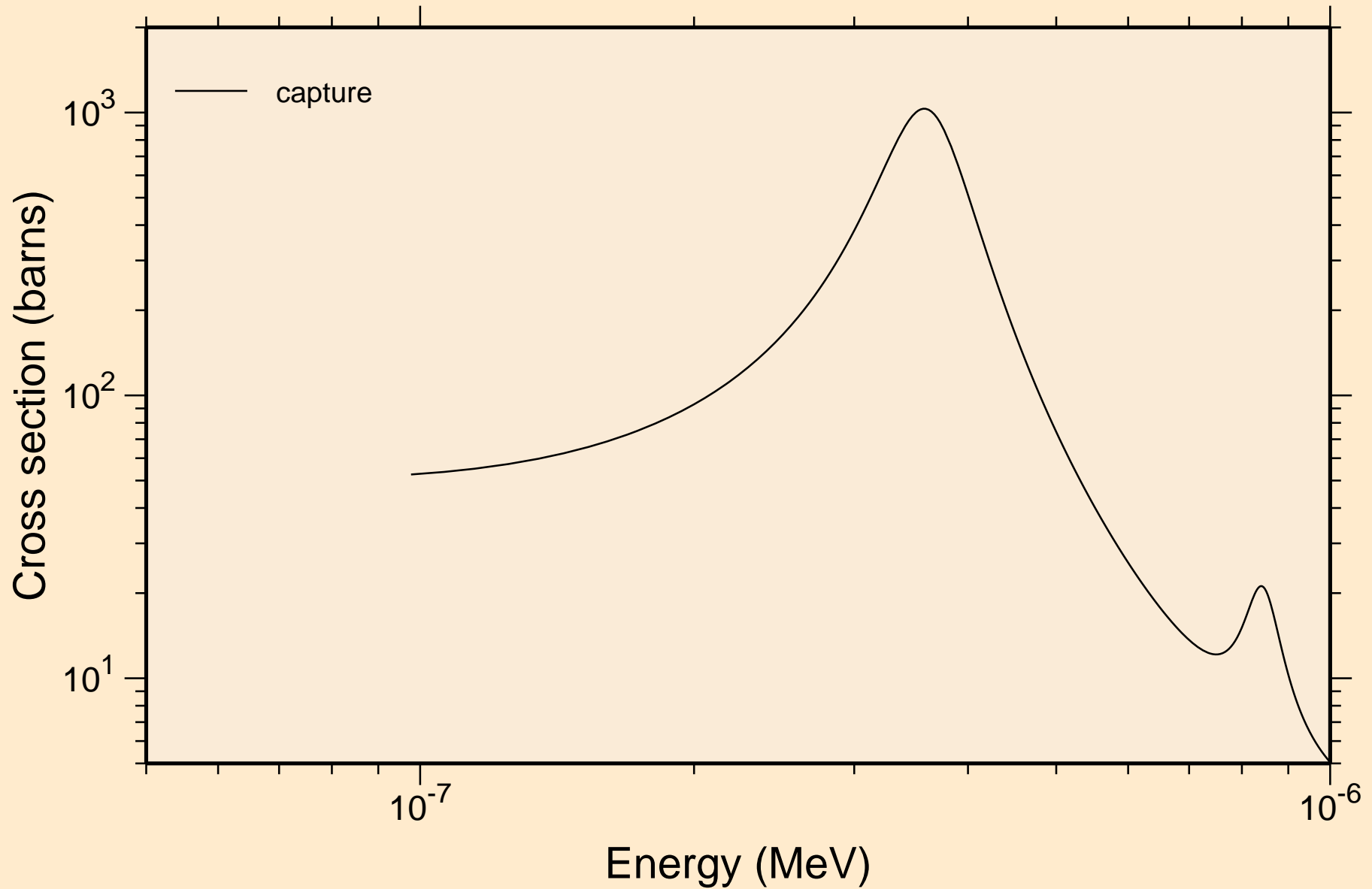
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



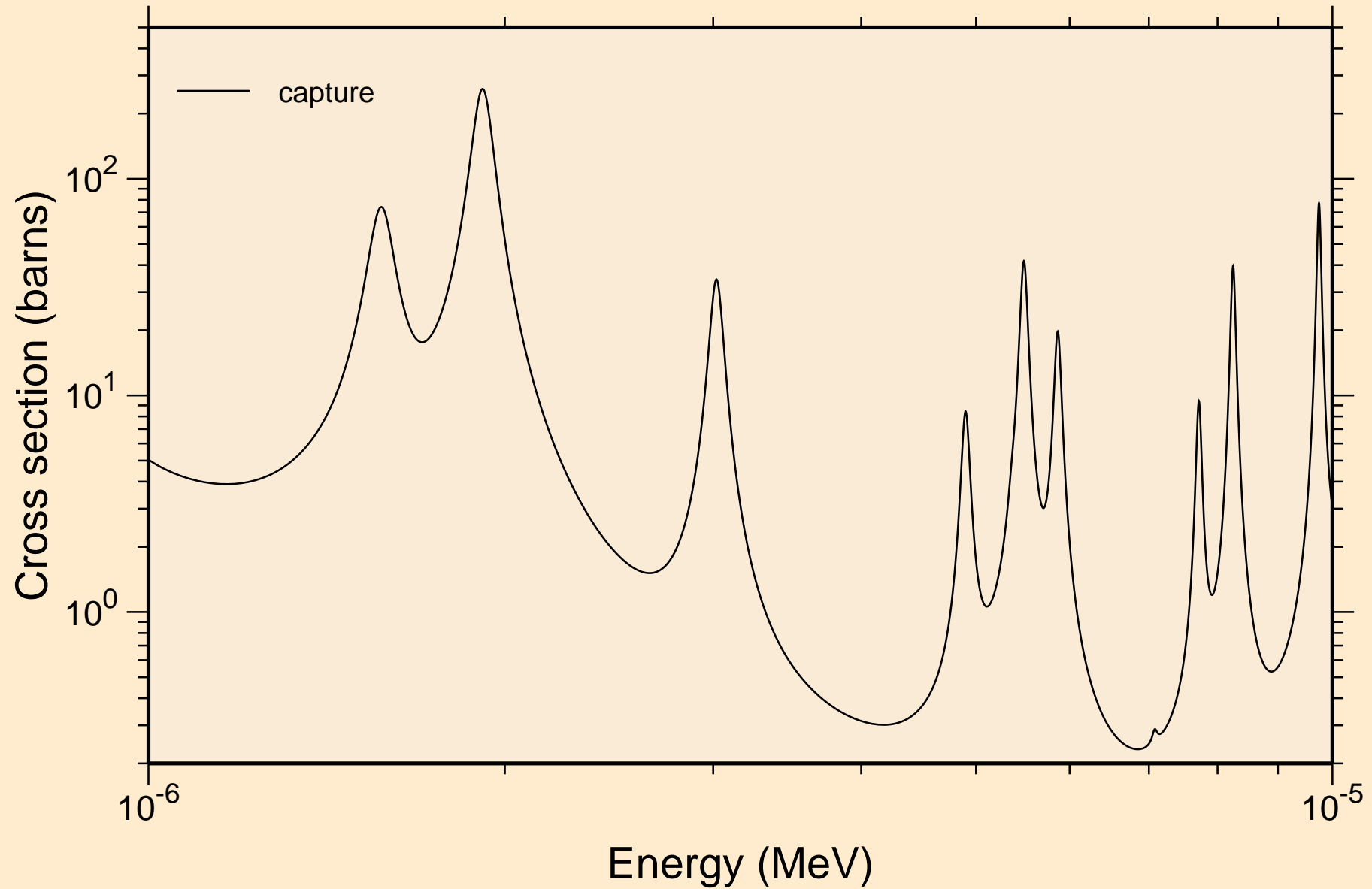
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



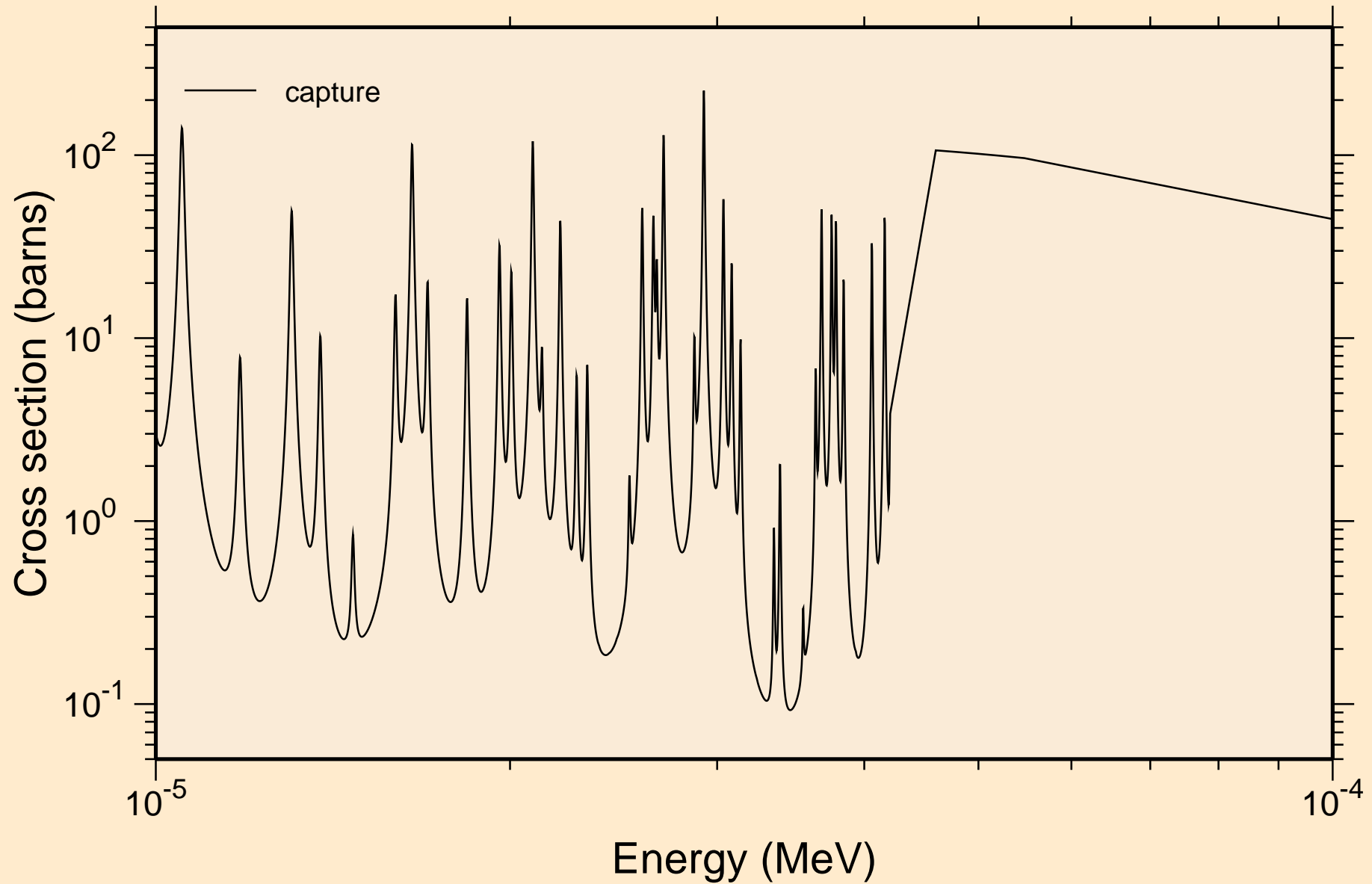
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



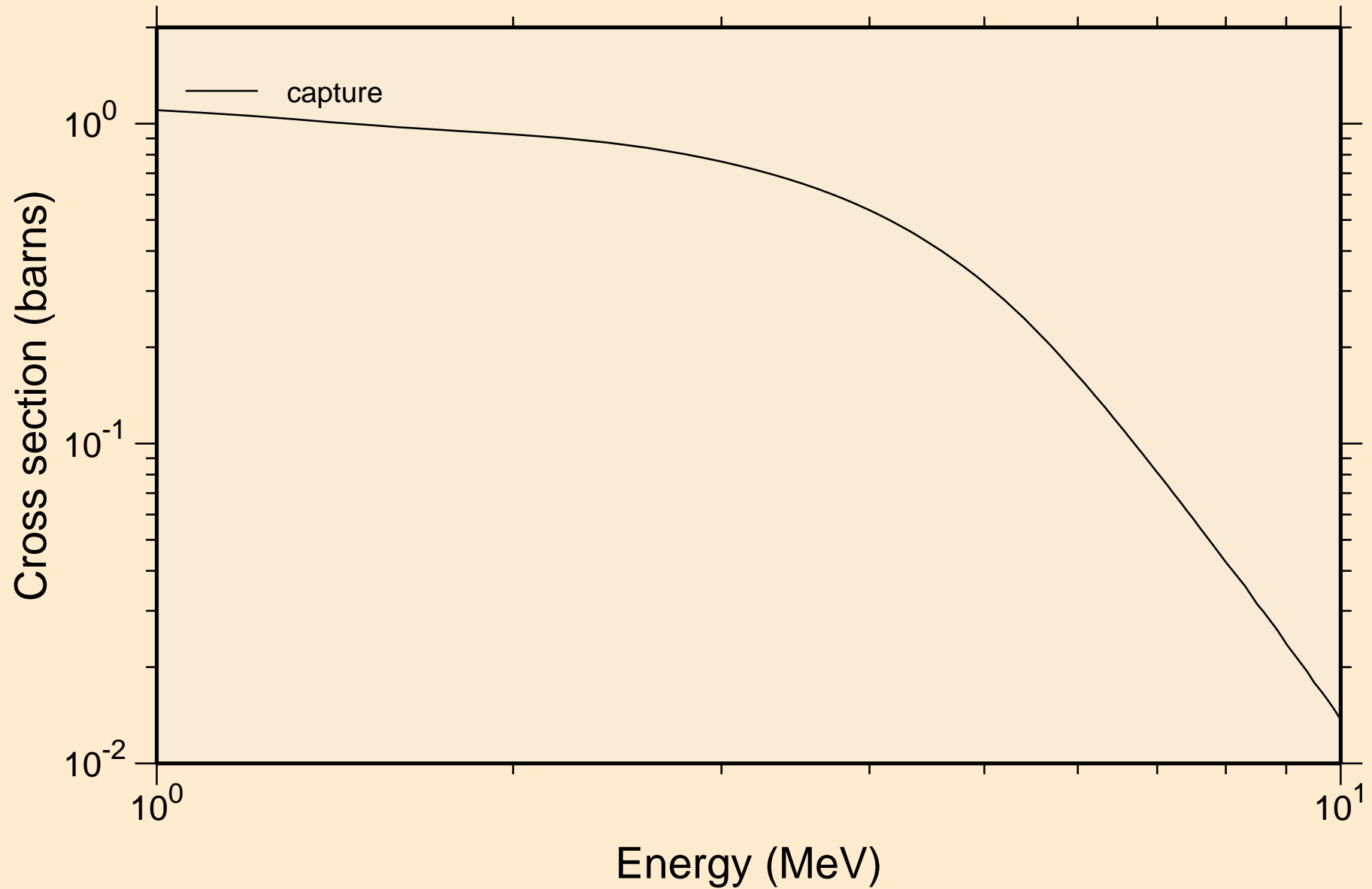
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



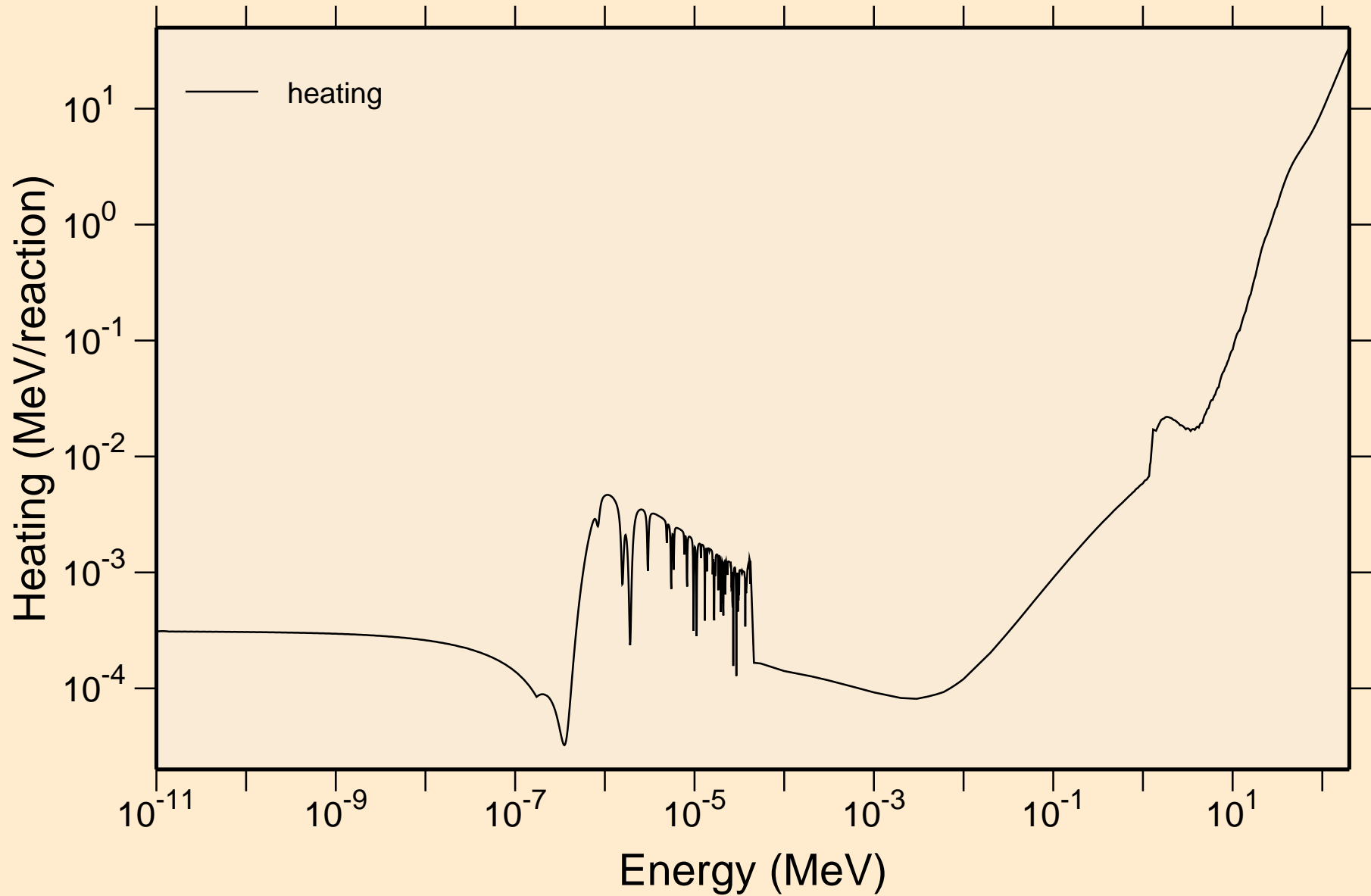
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



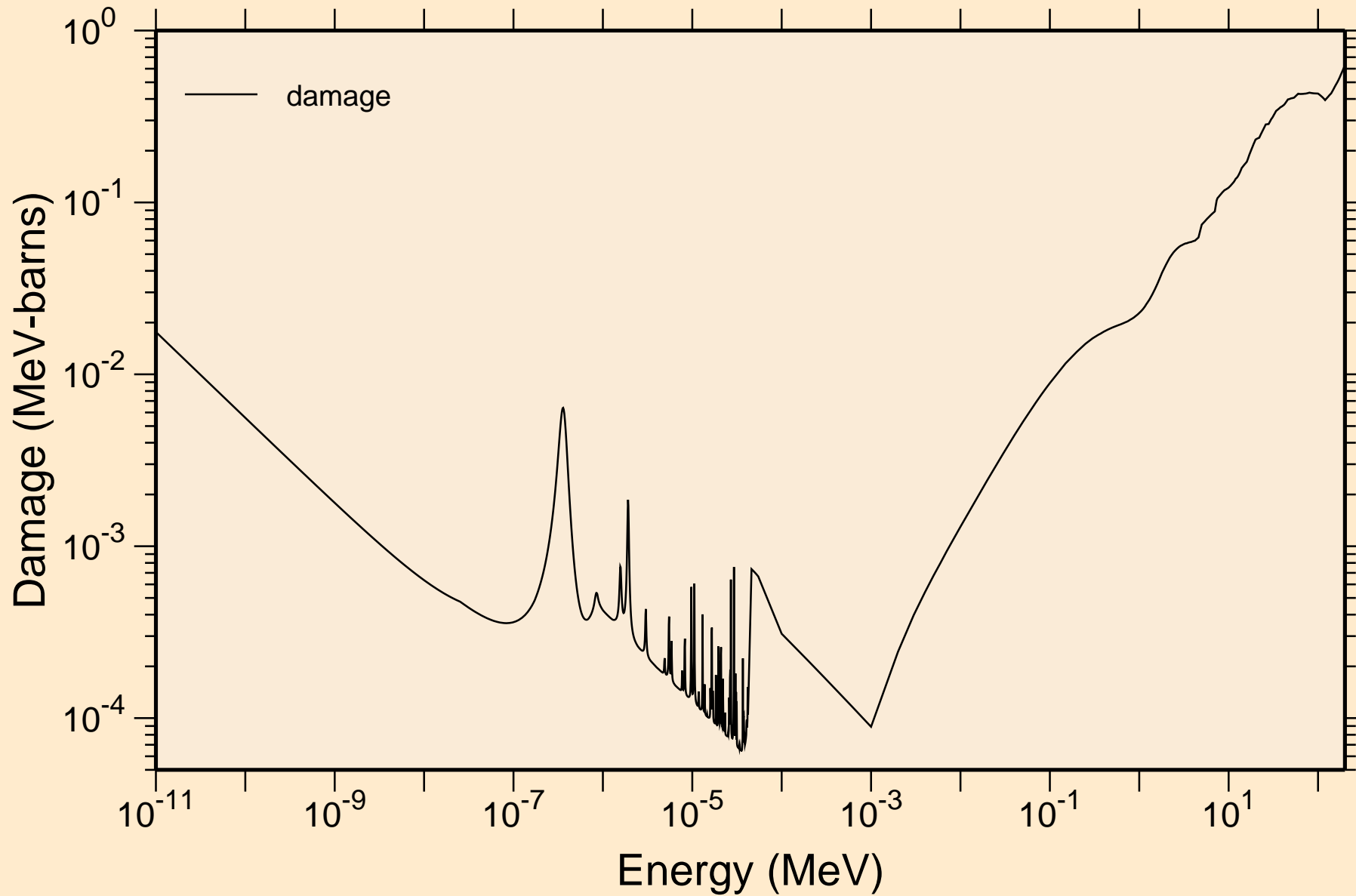
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



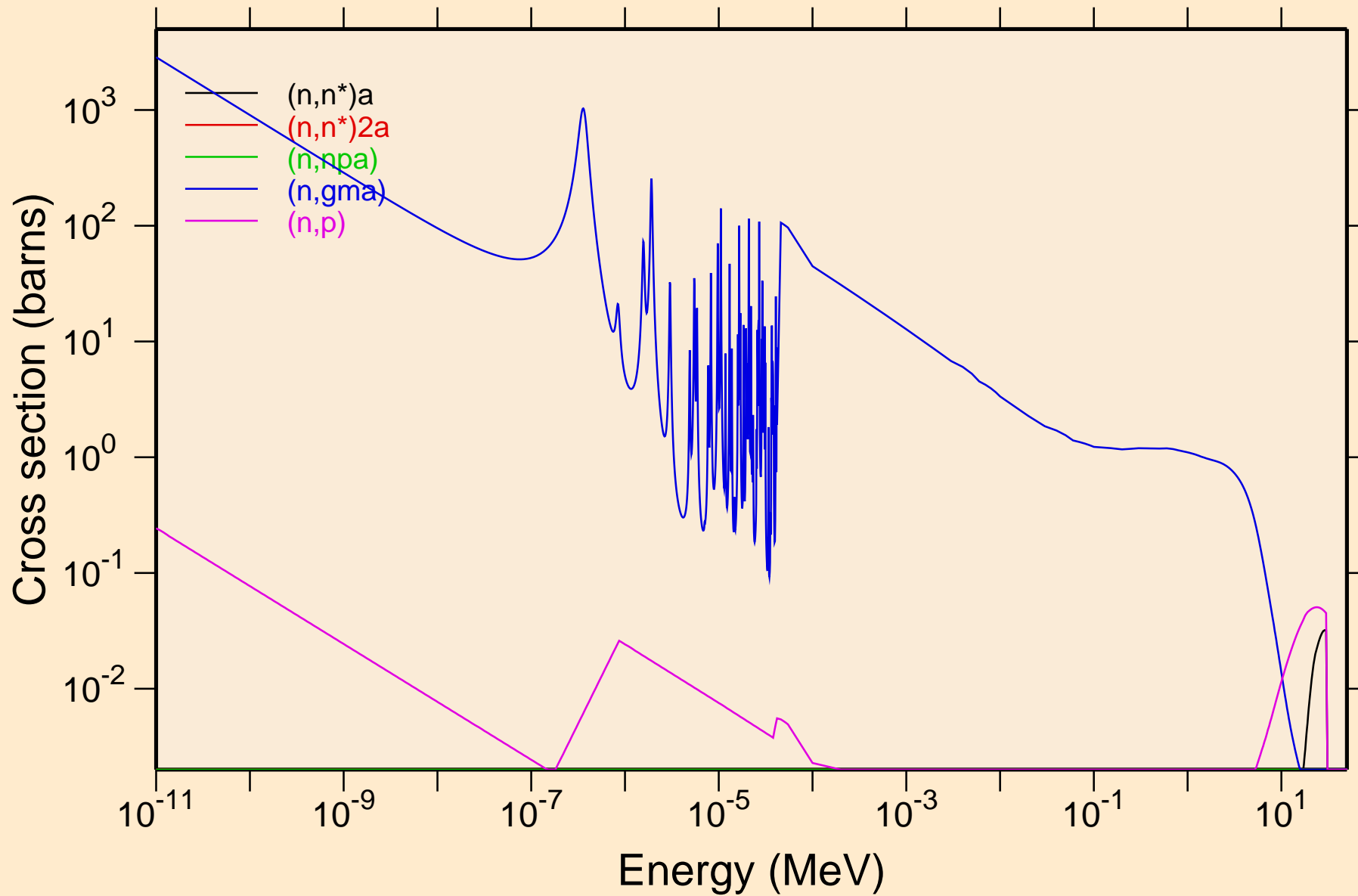
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



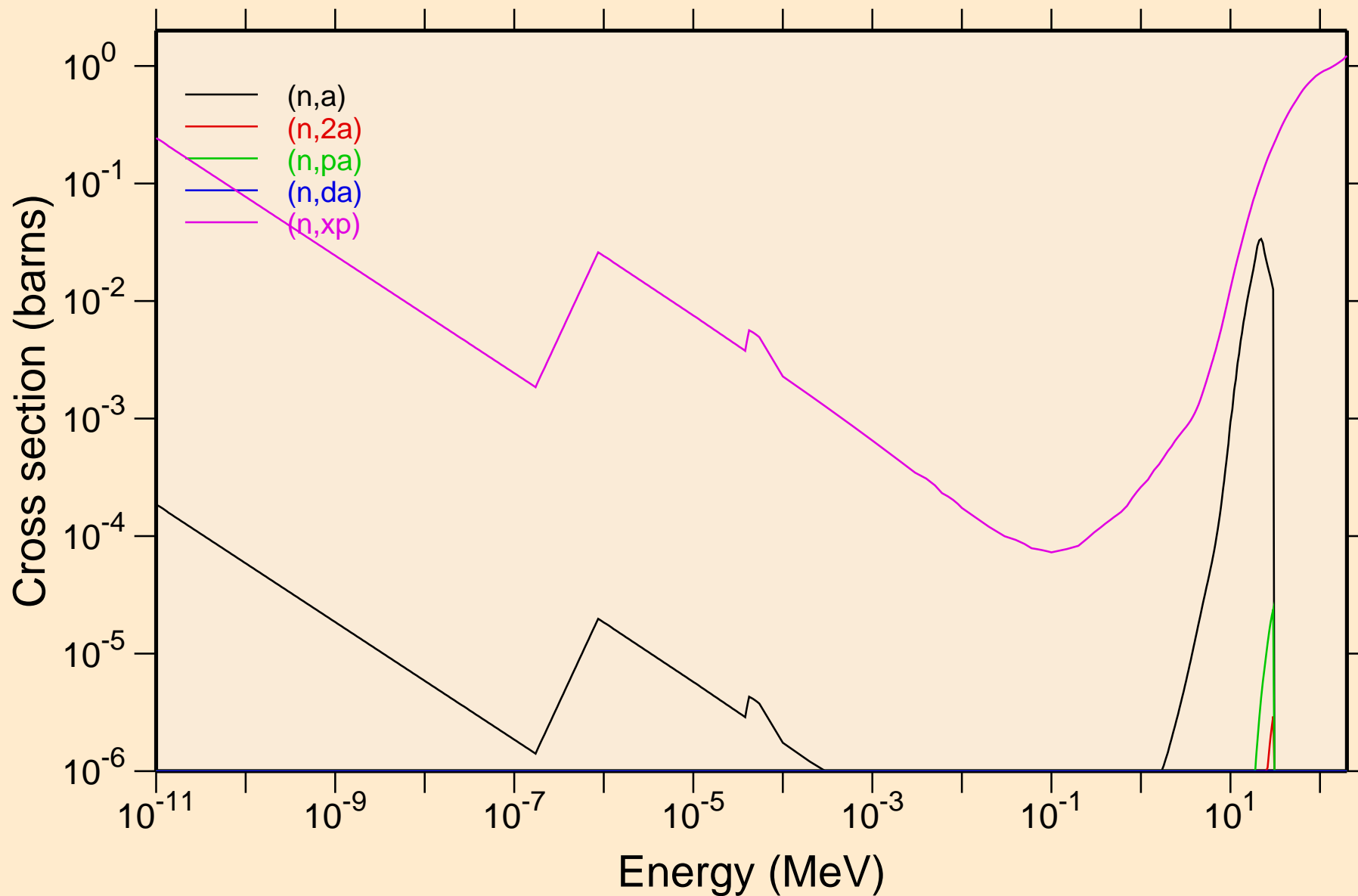
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



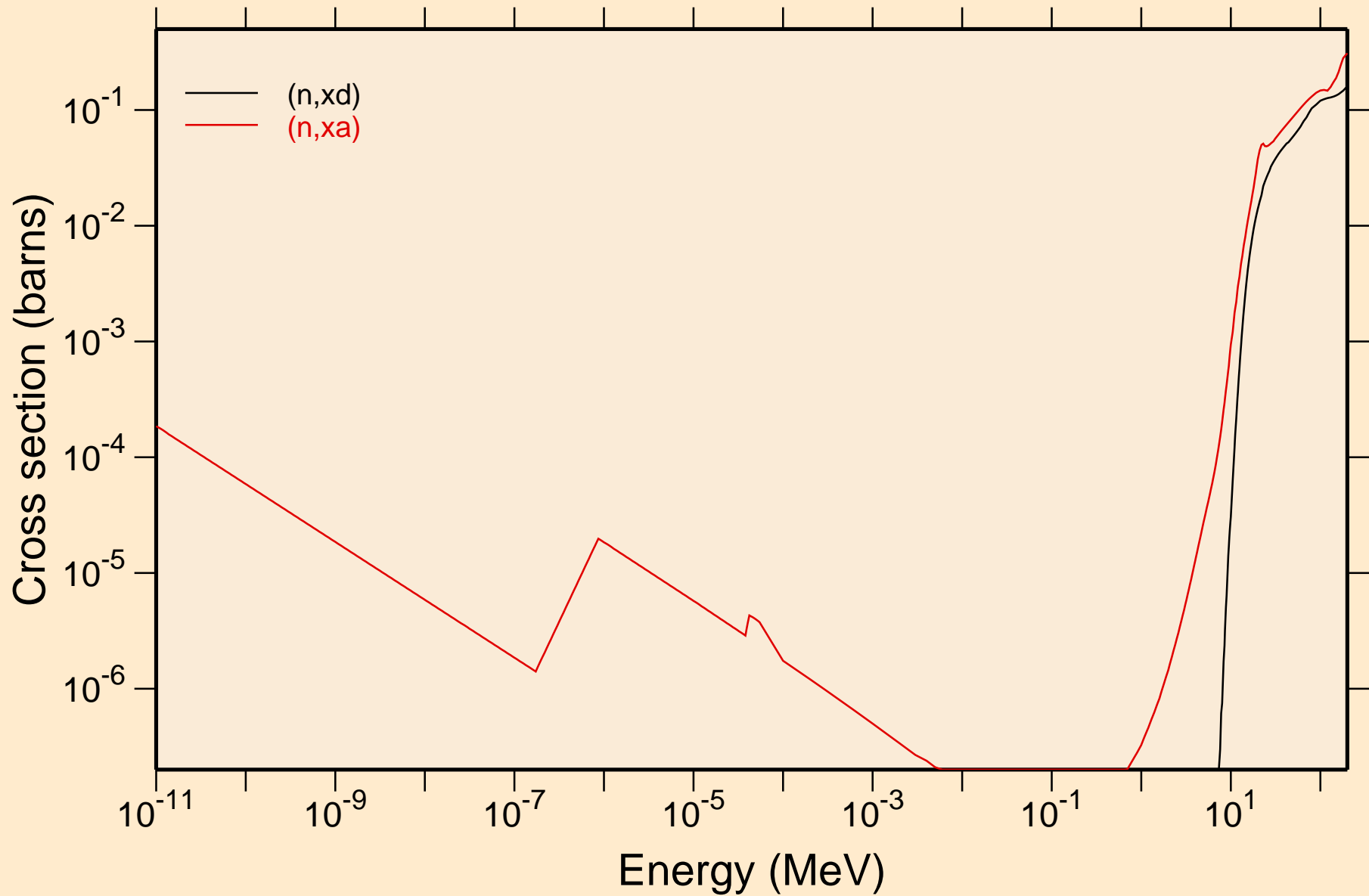
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

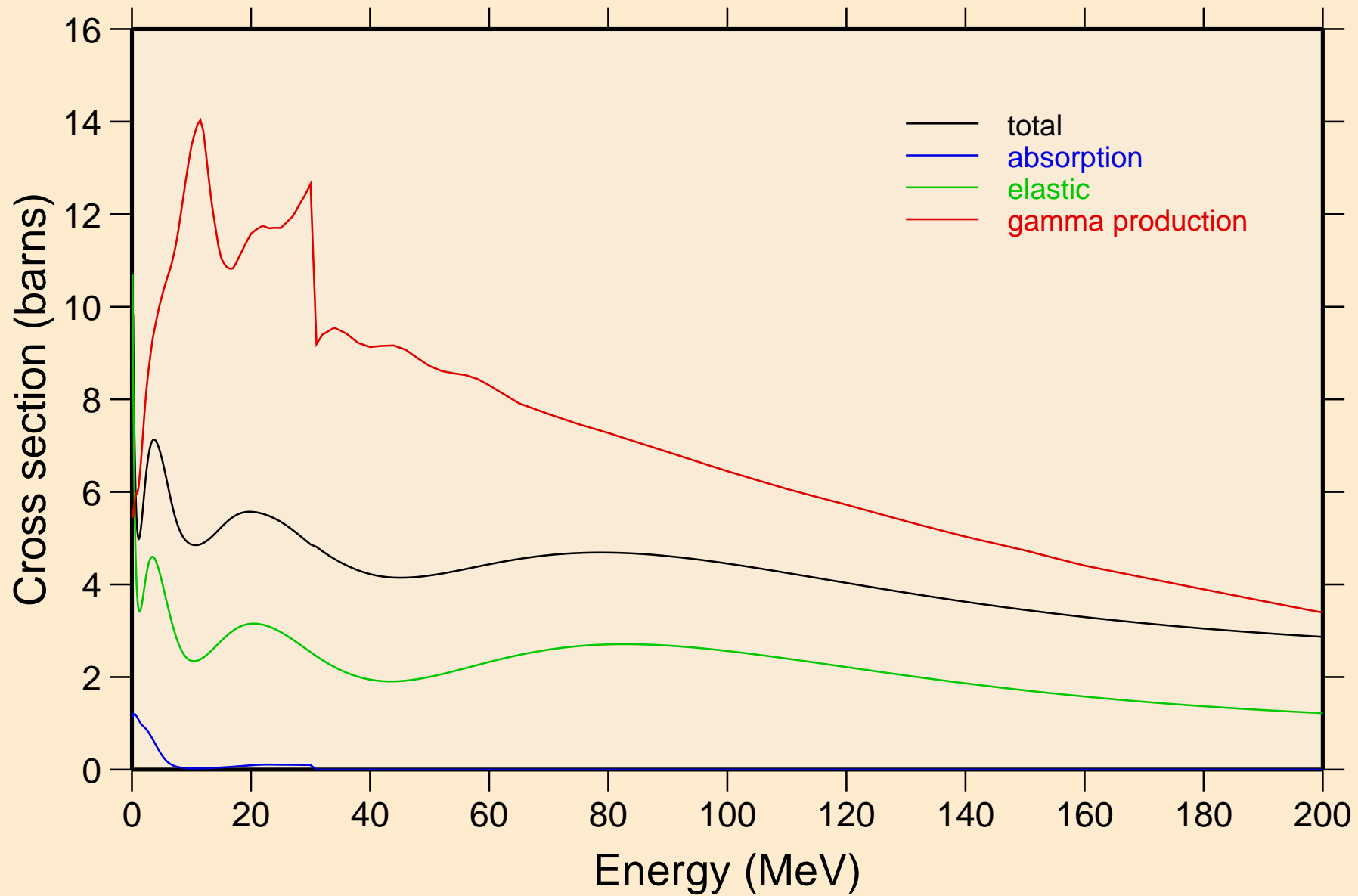


TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



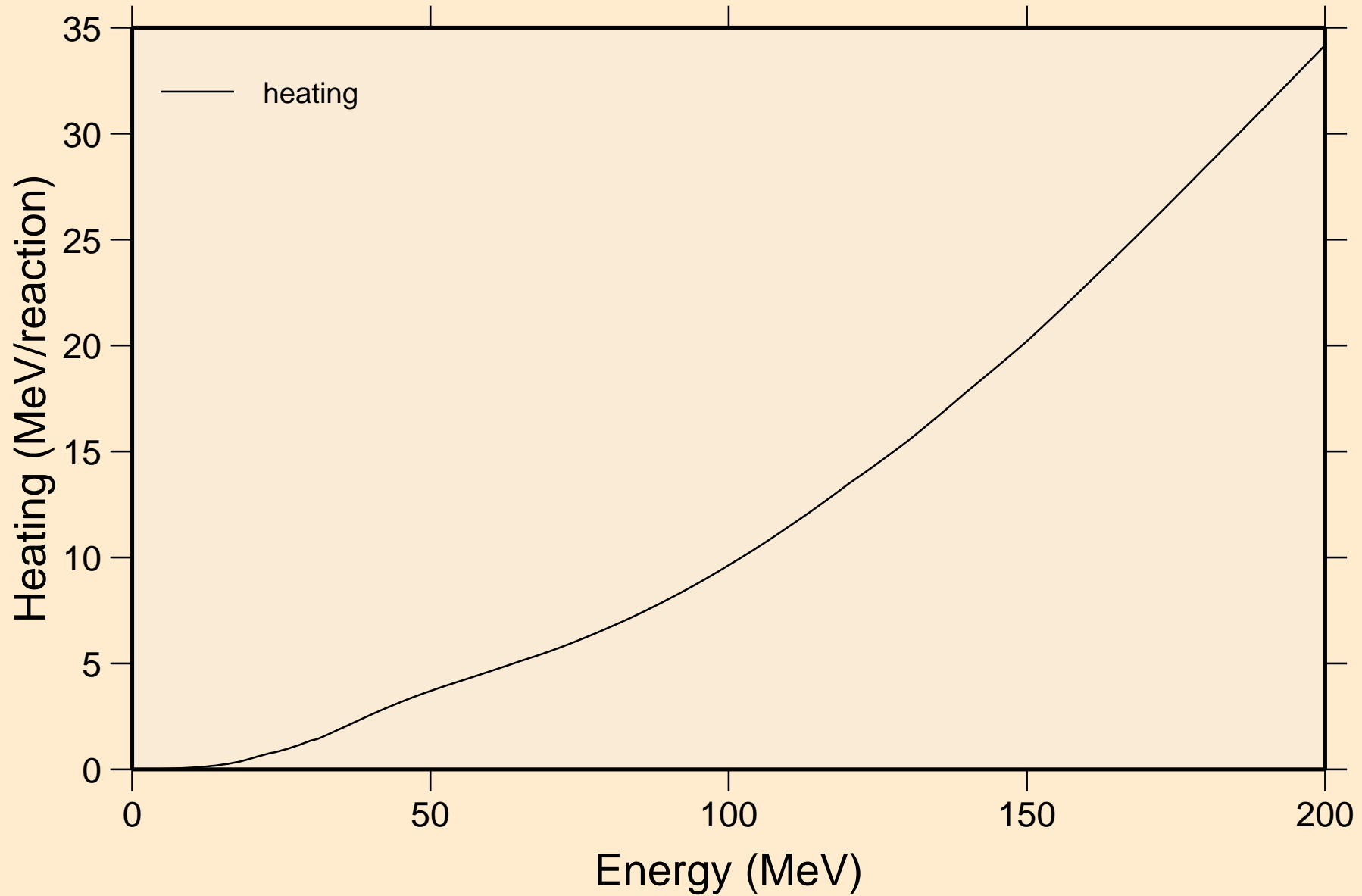
# TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

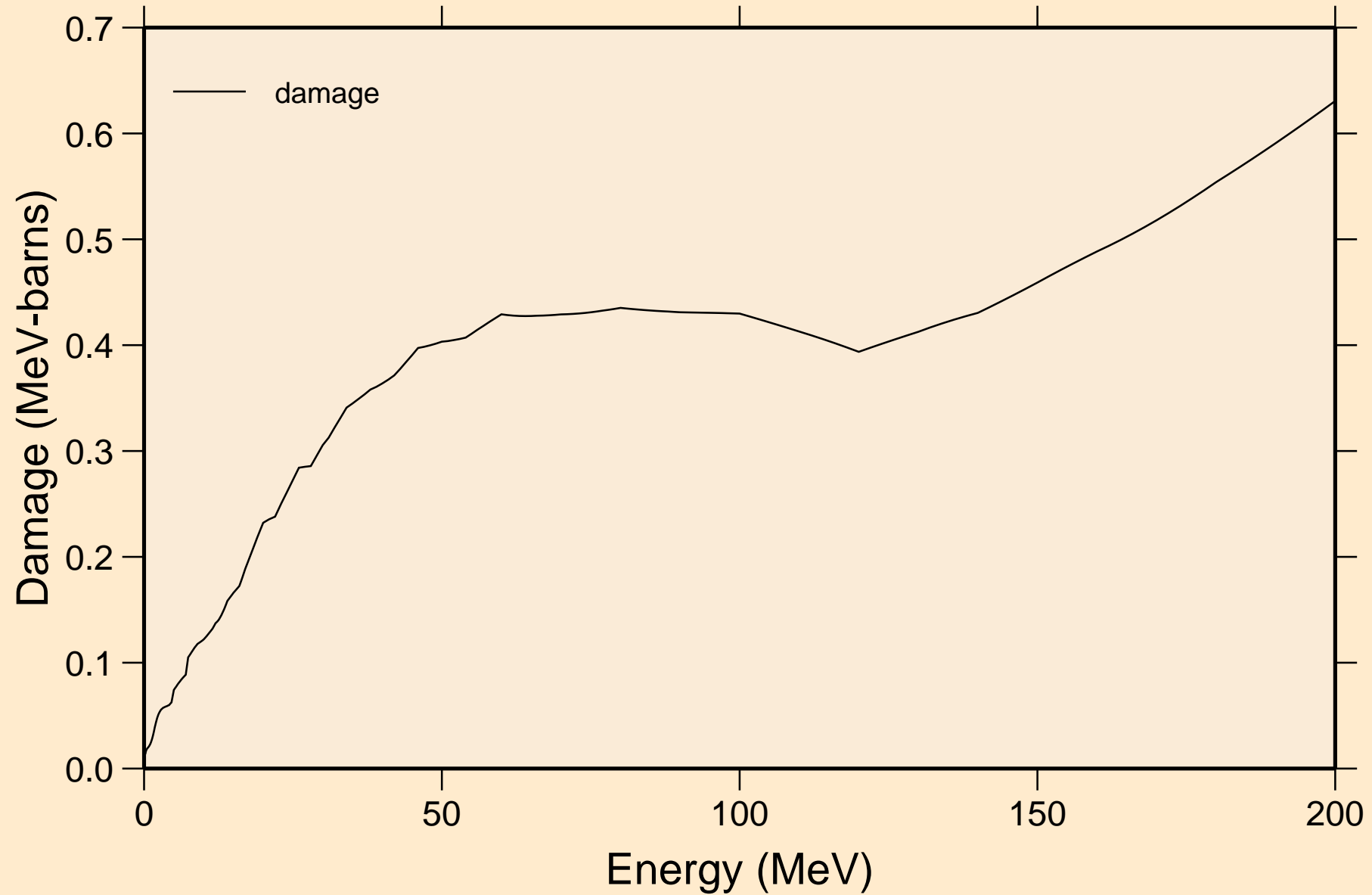


# TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

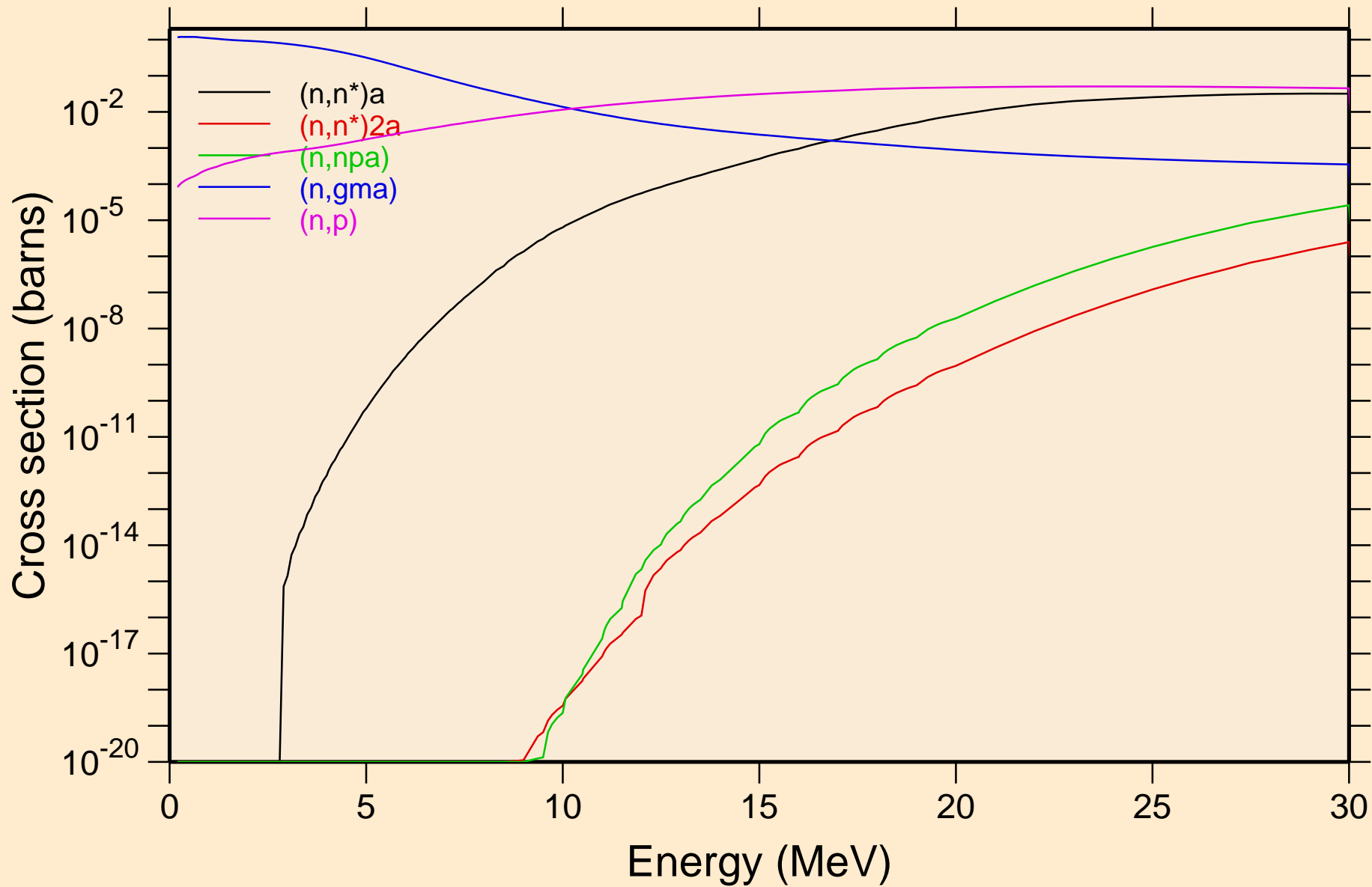
## Heating



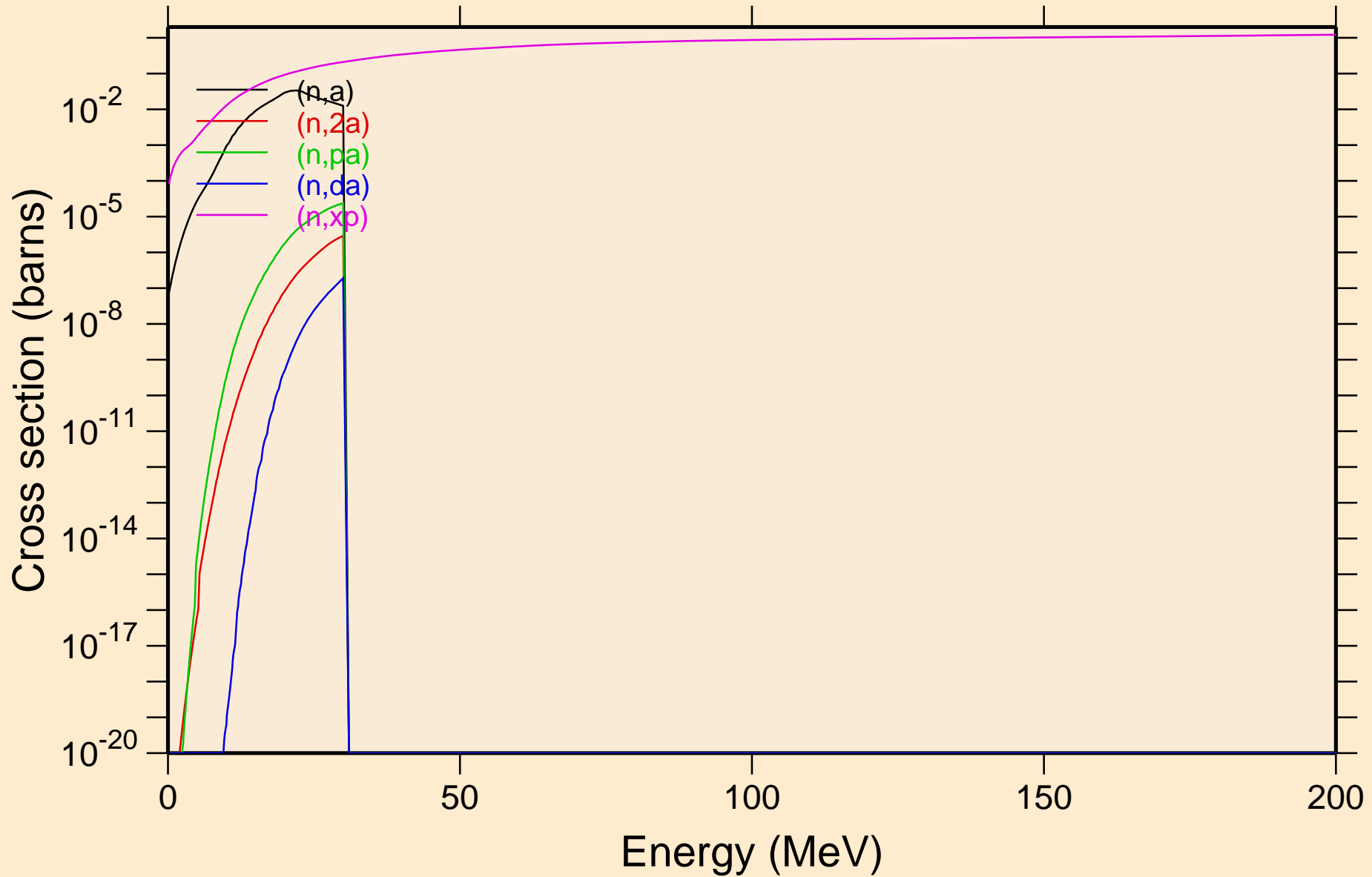
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



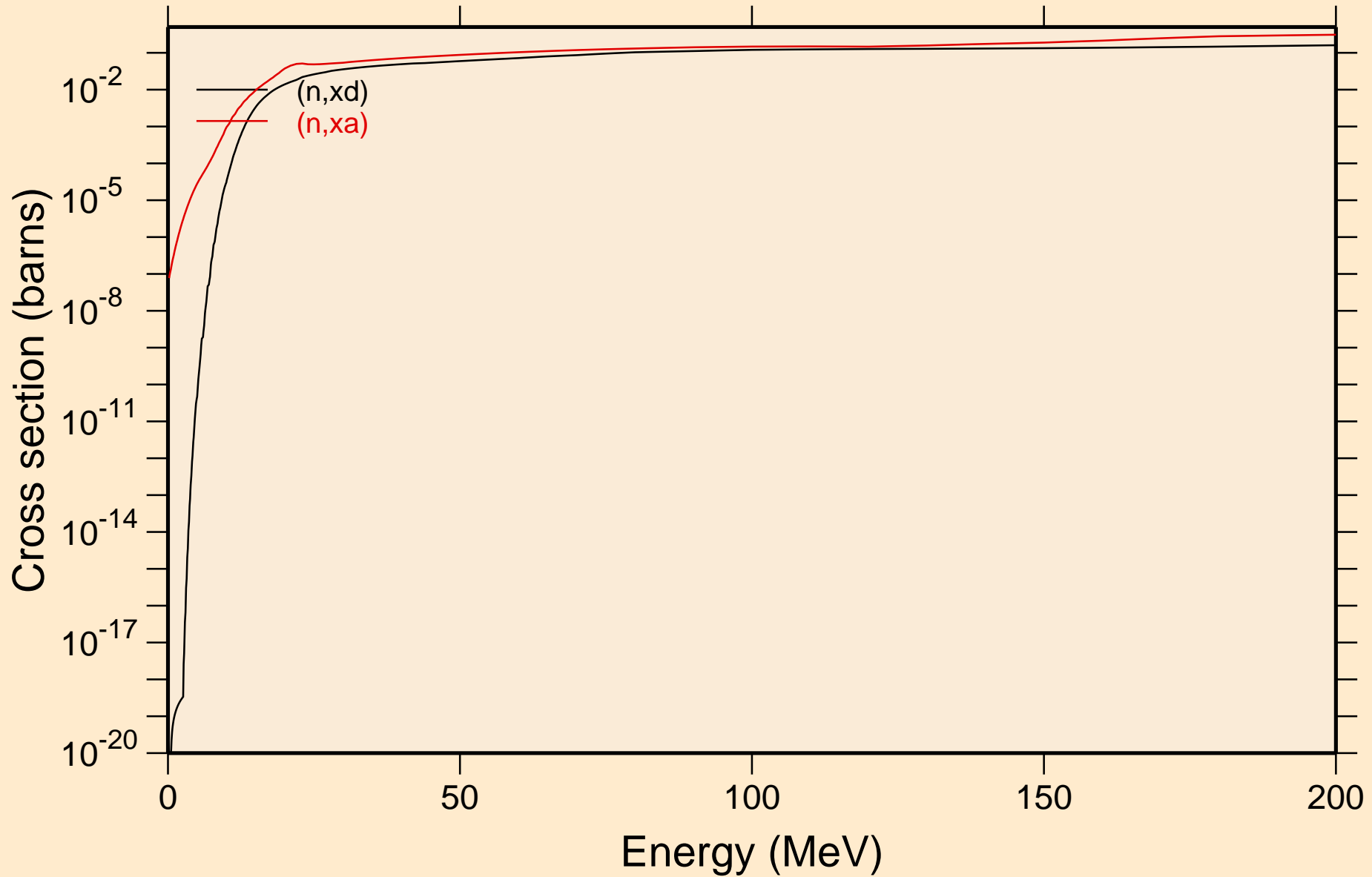
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



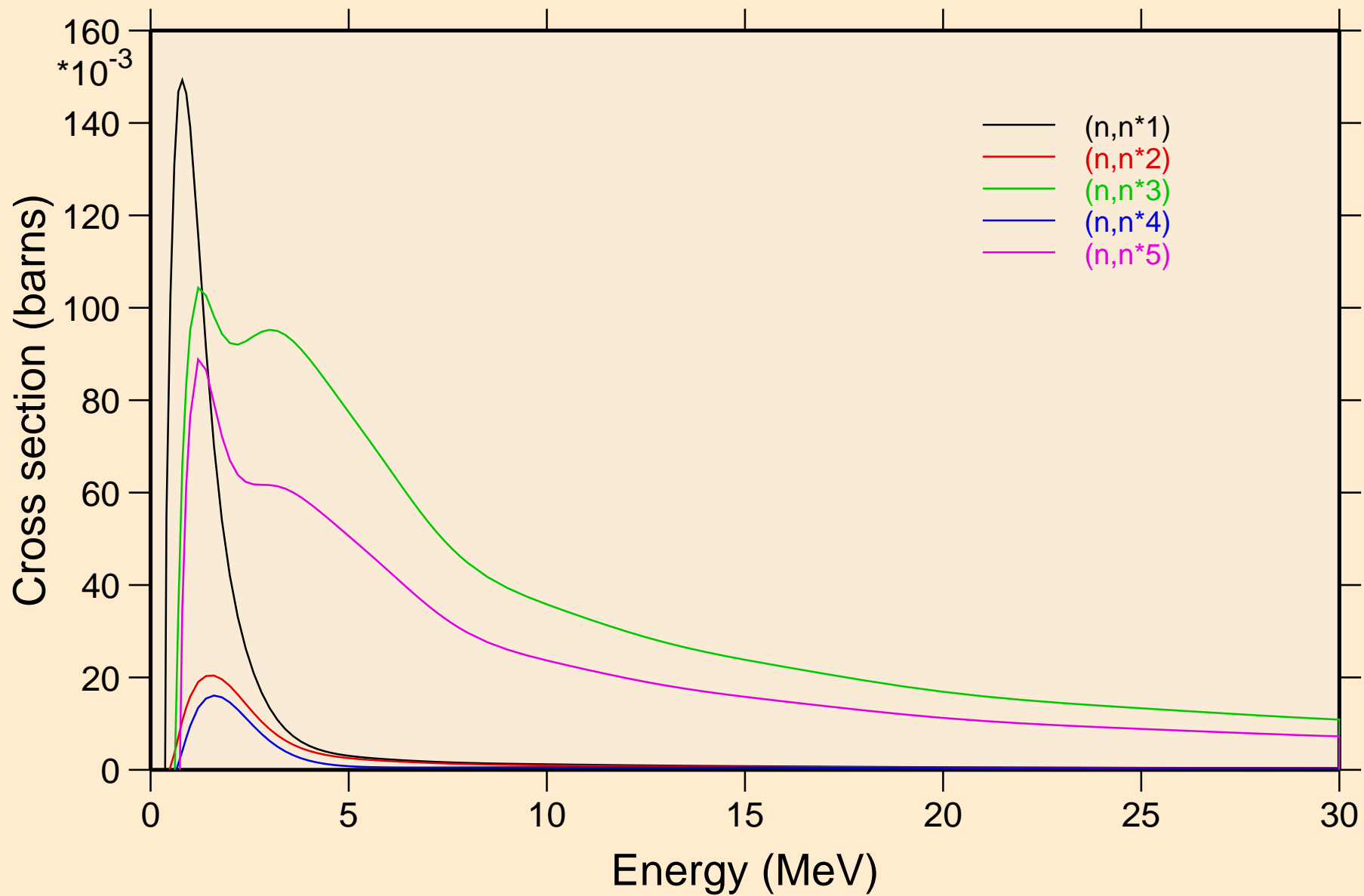
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



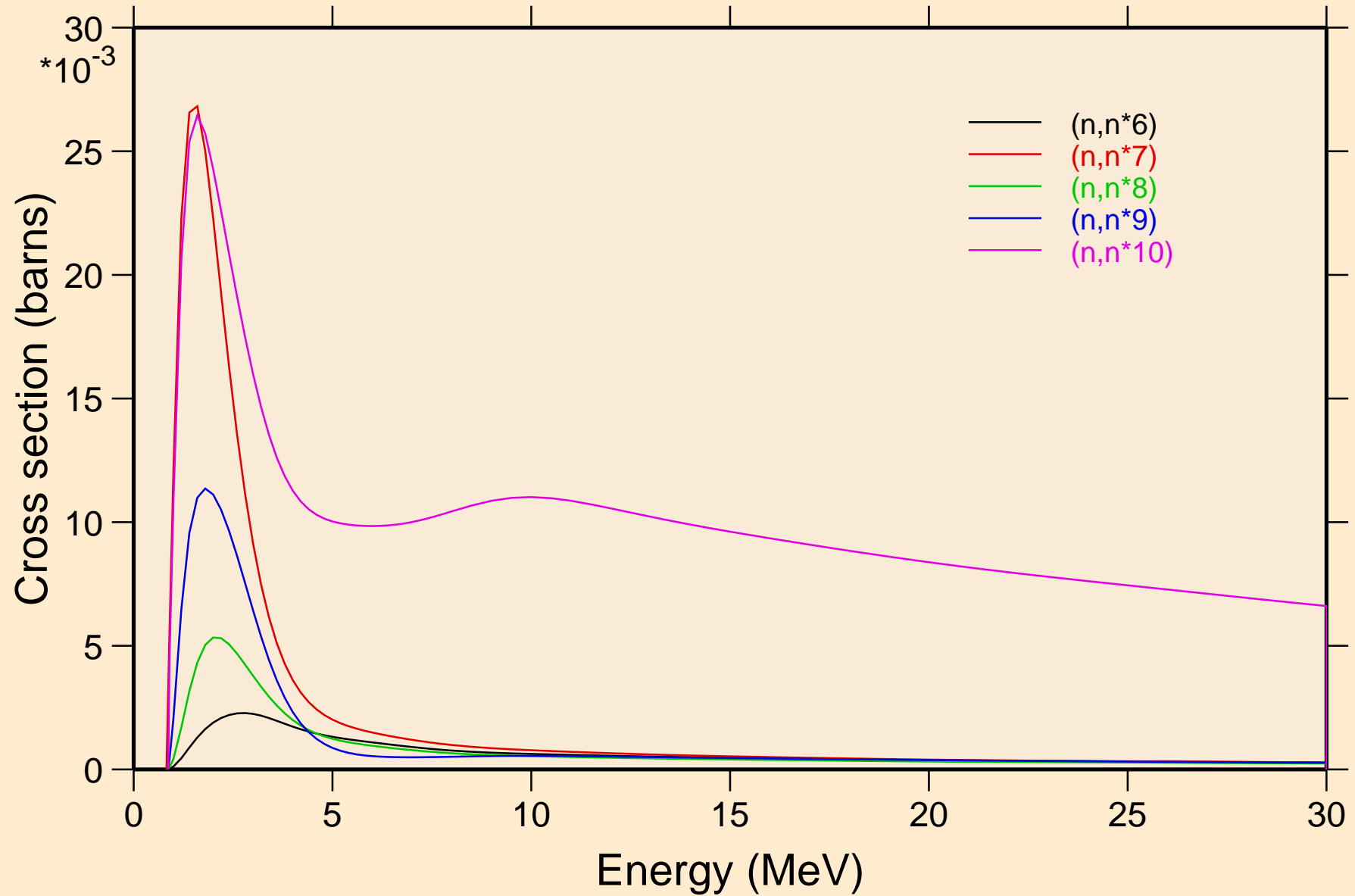
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



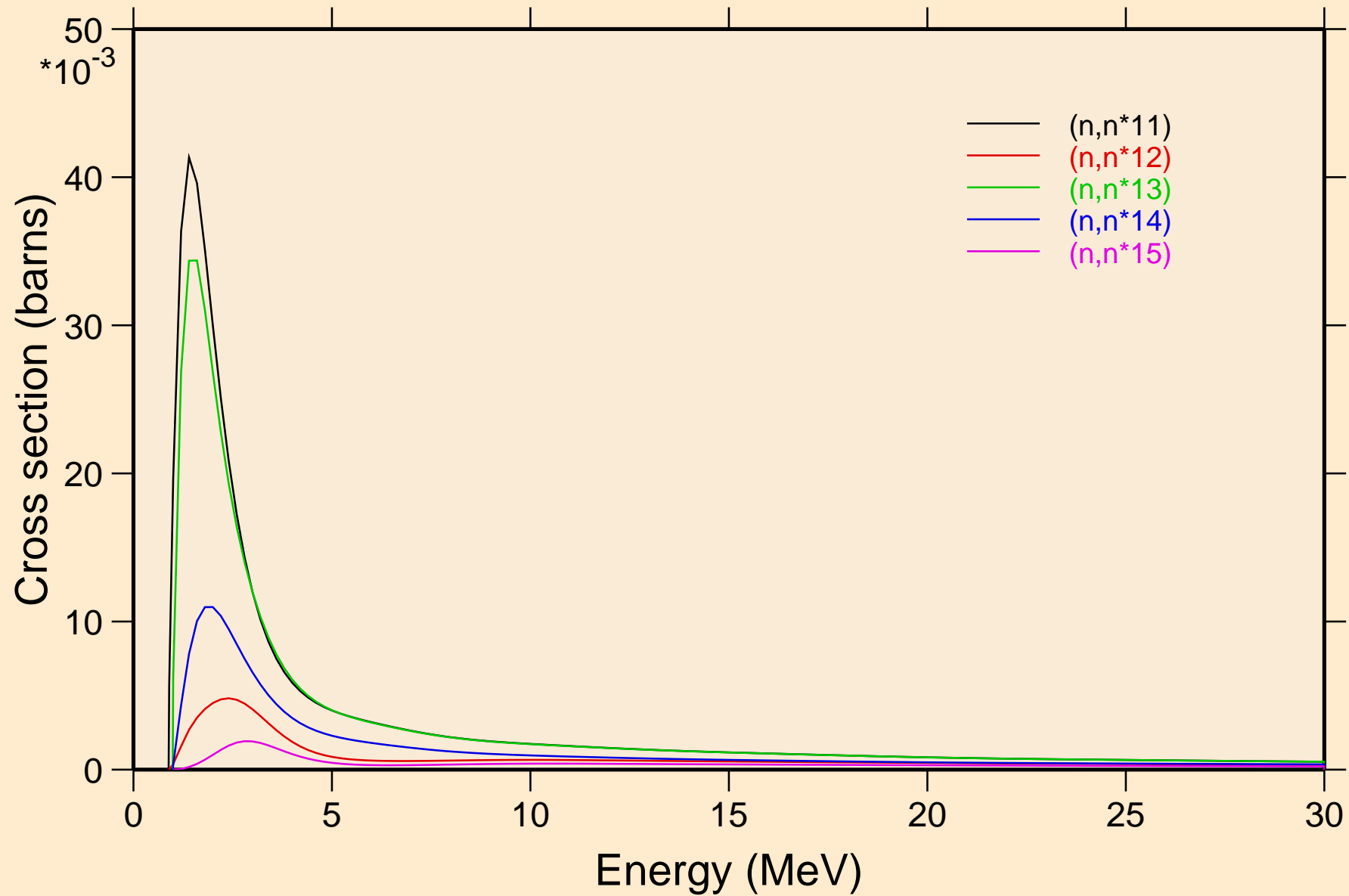
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



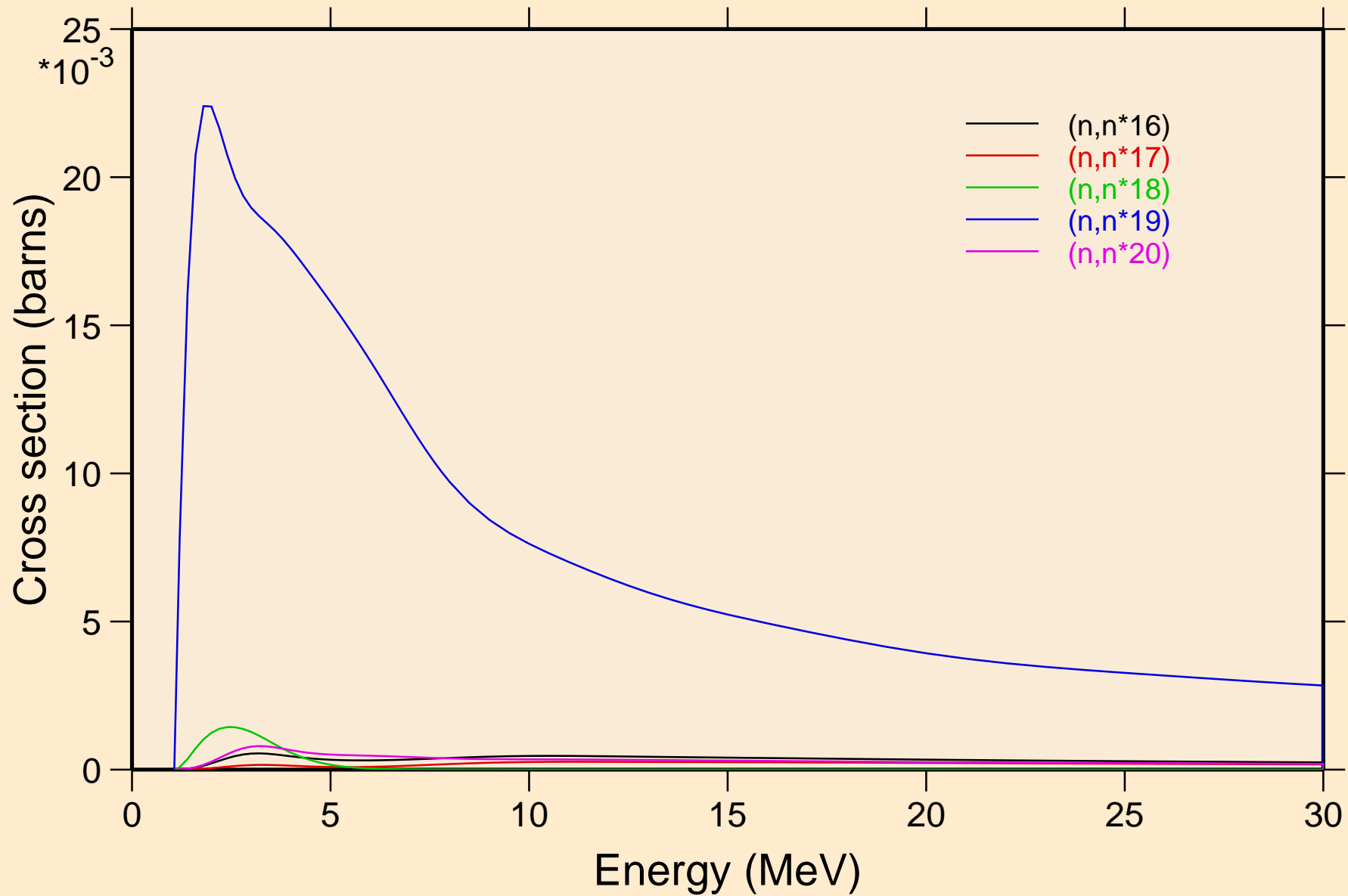
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



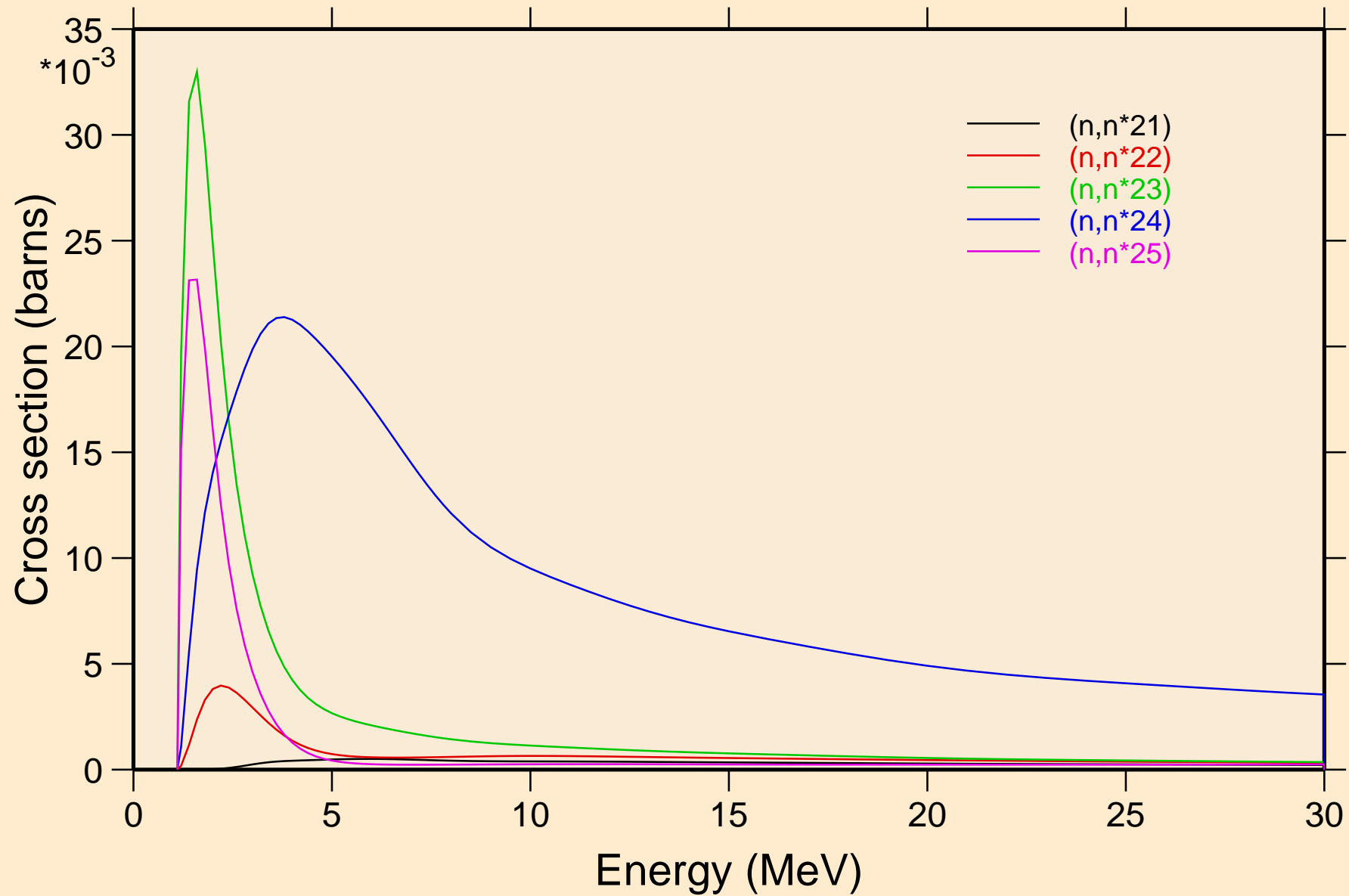
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



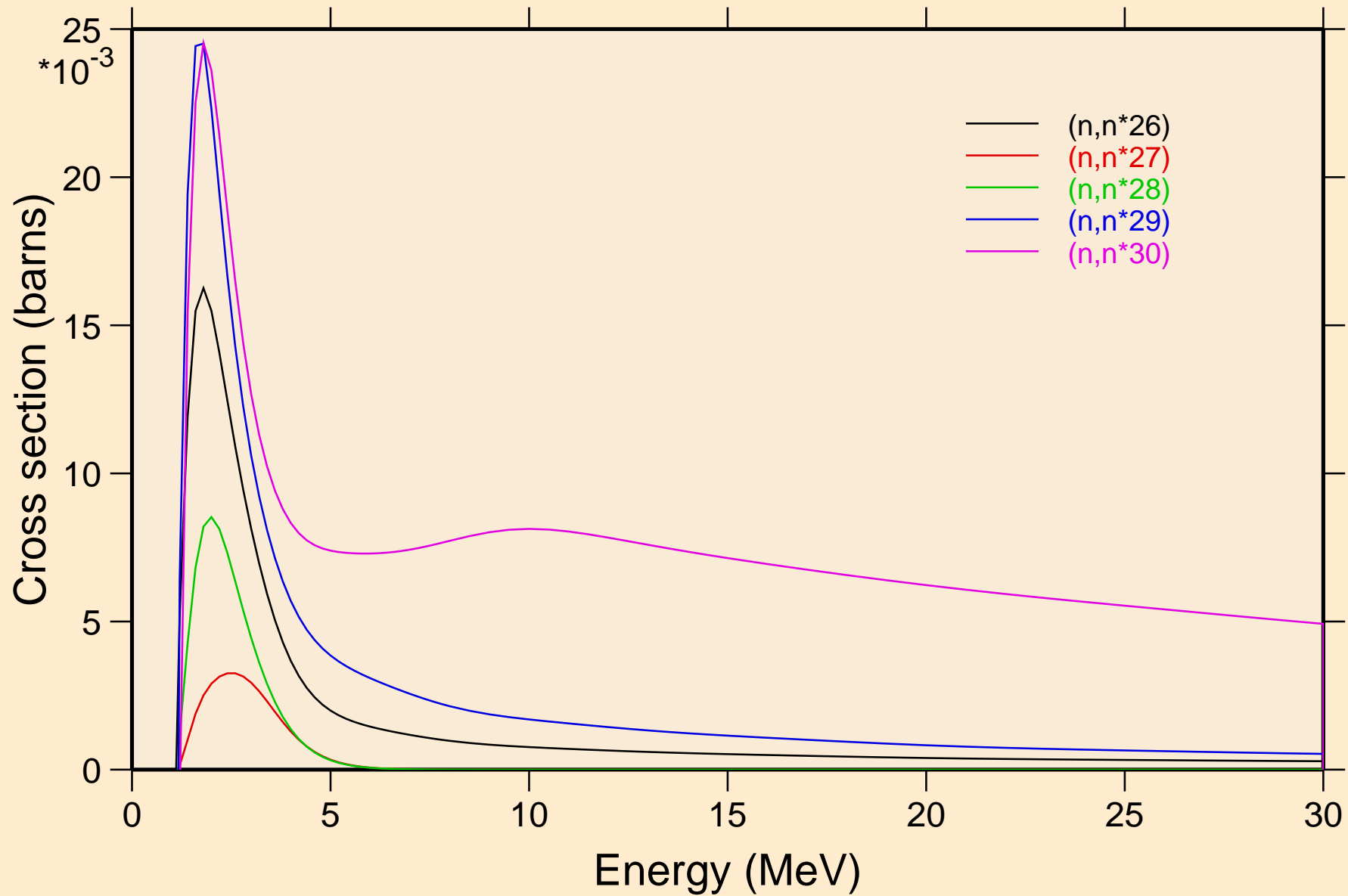
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



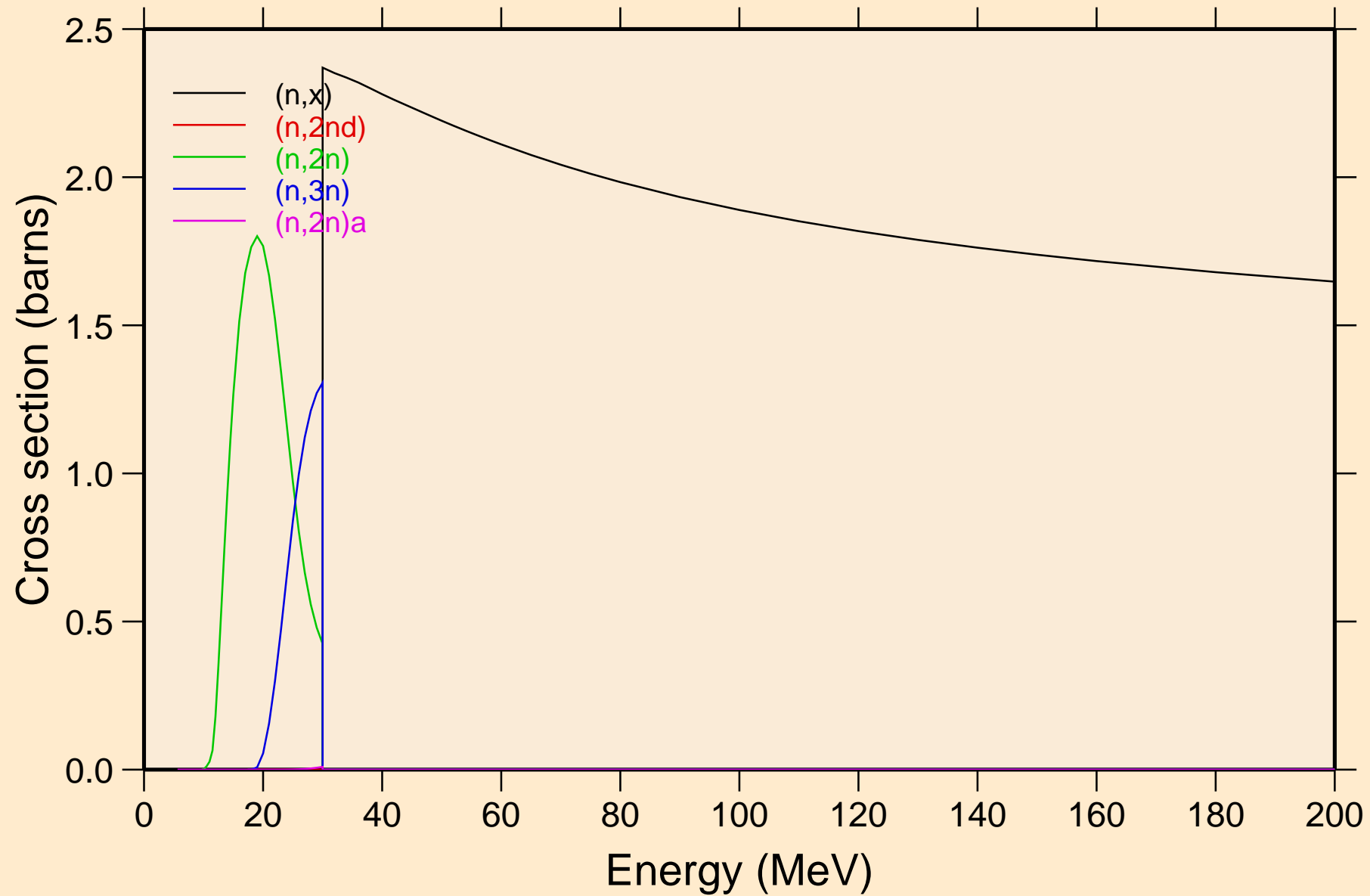
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



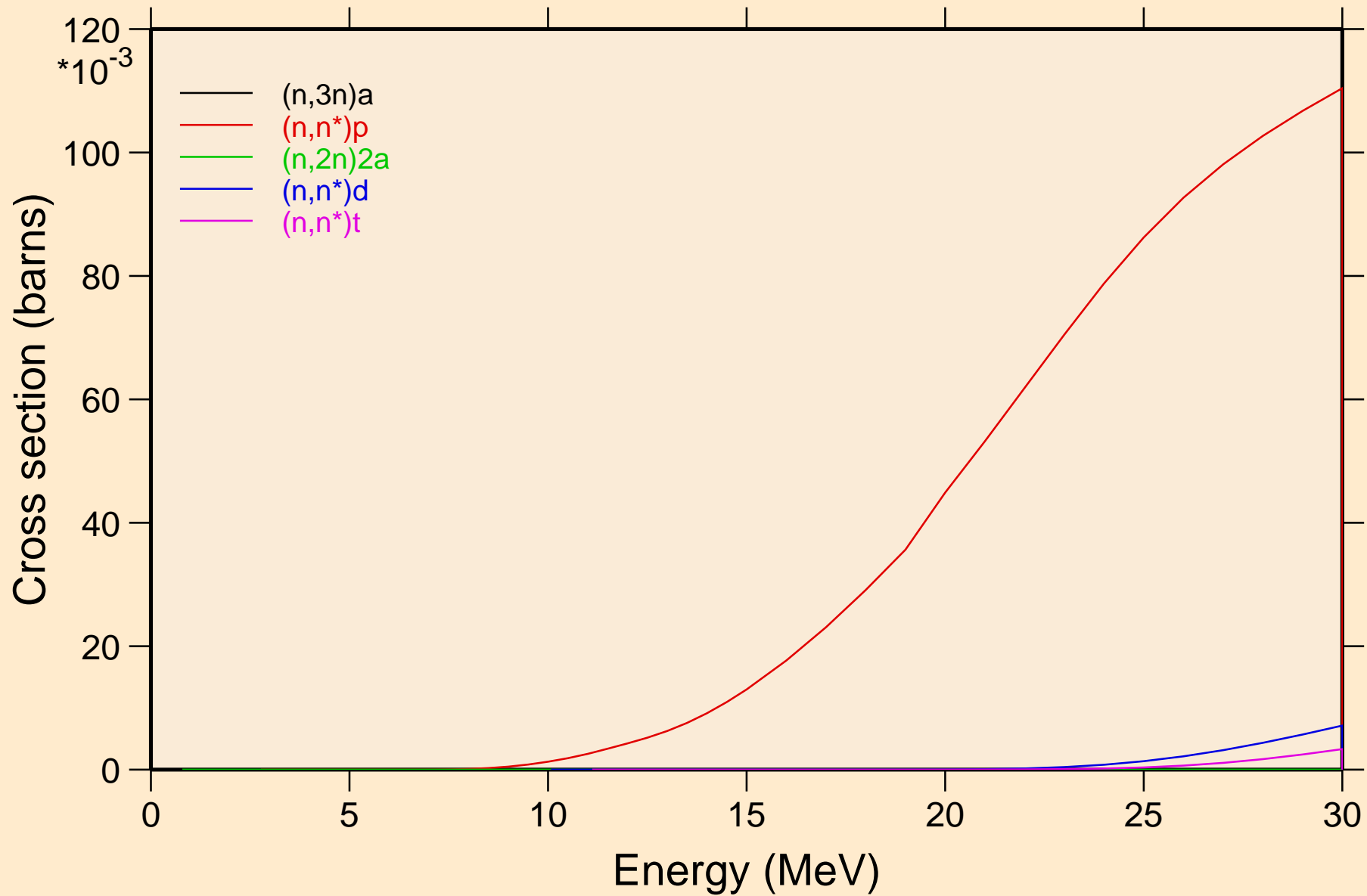
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



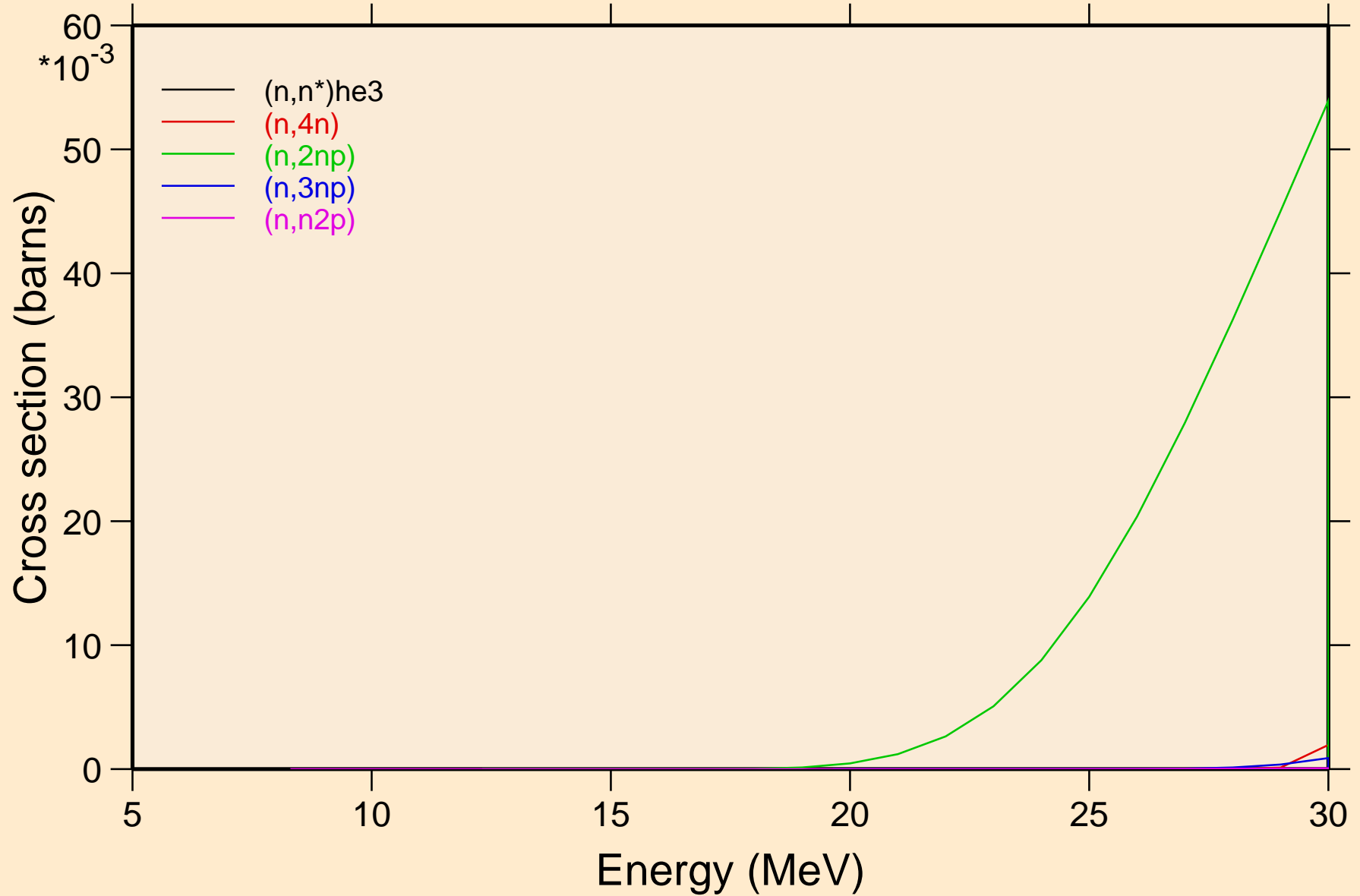
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



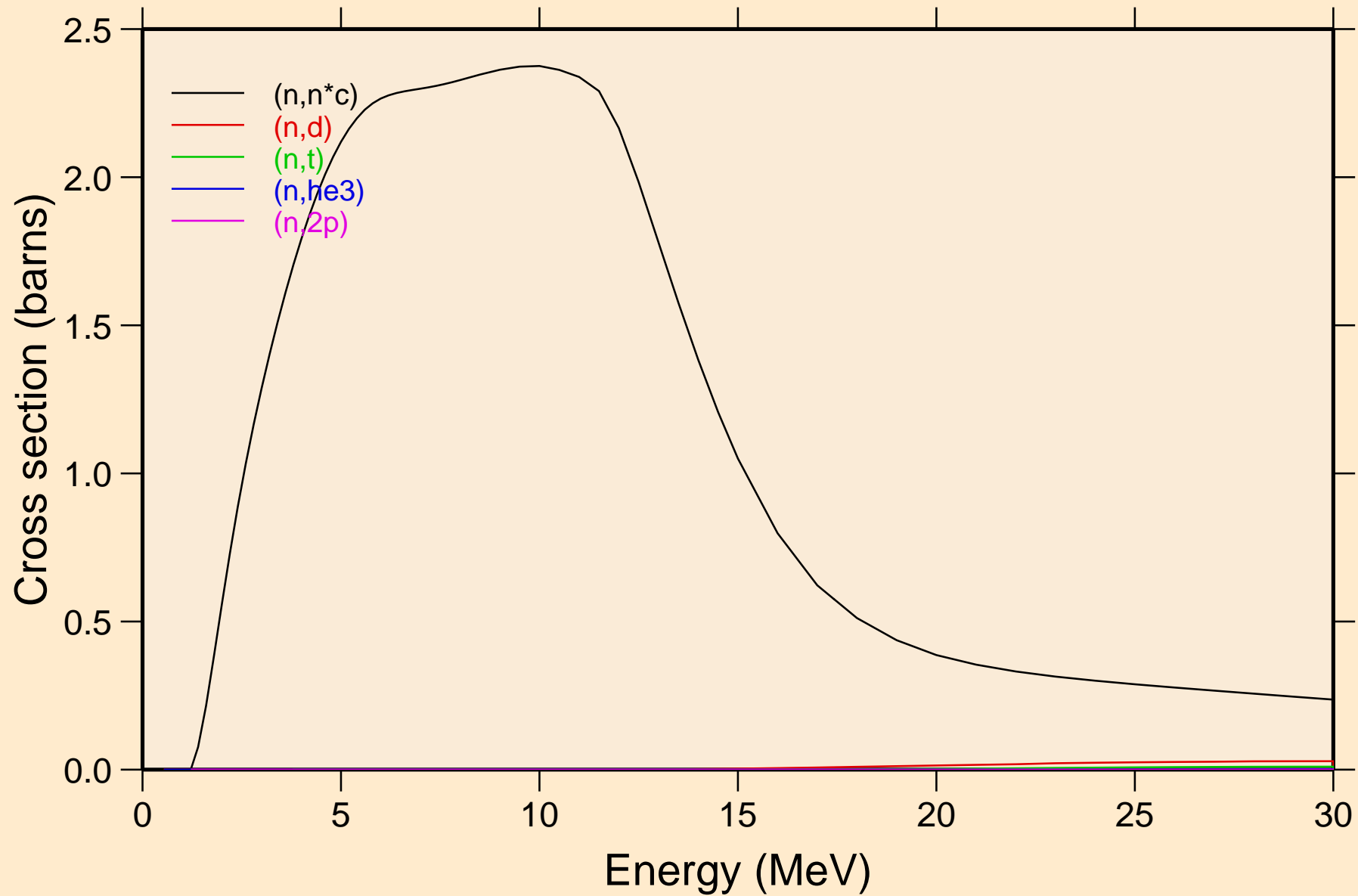
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



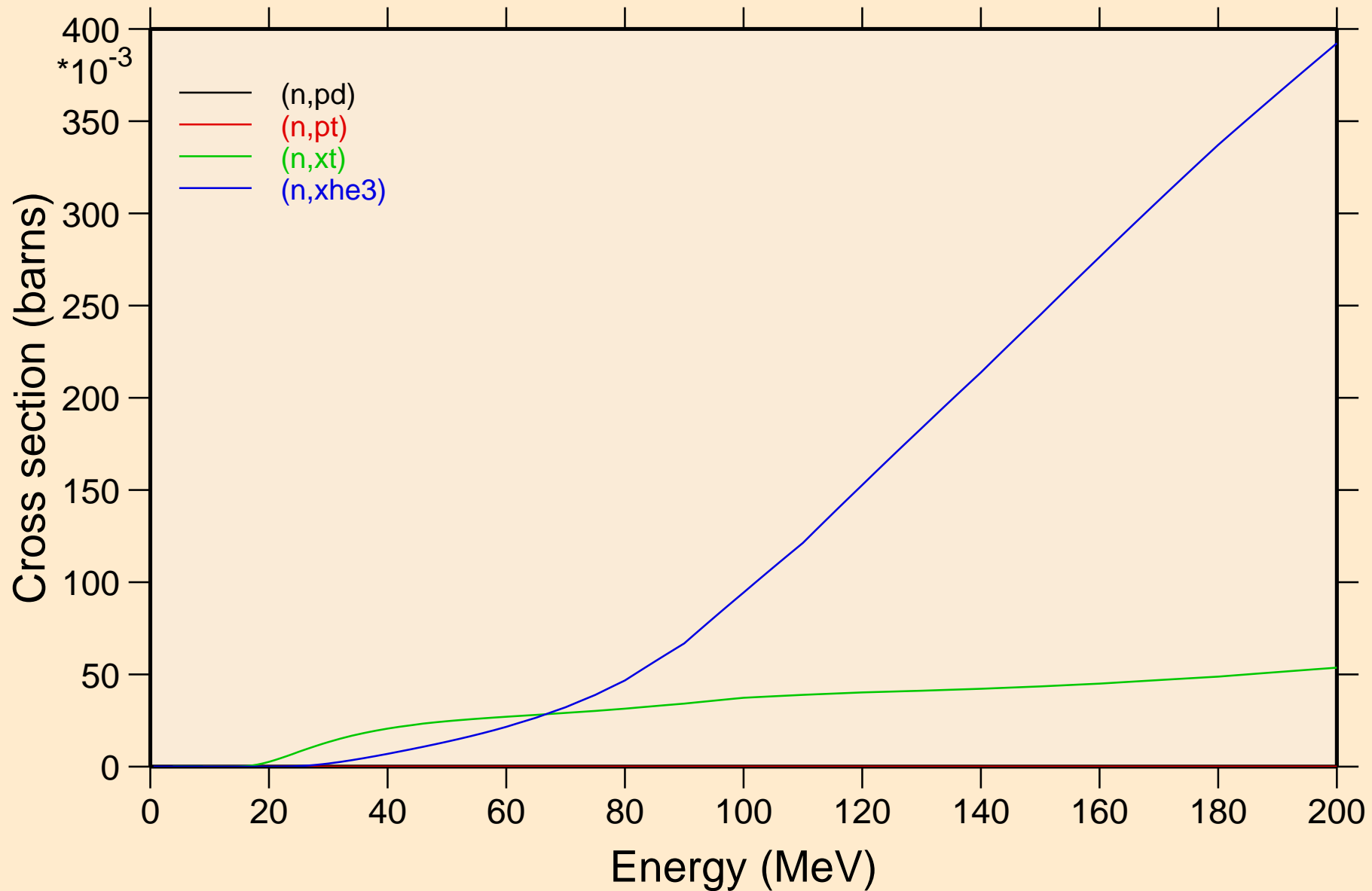
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



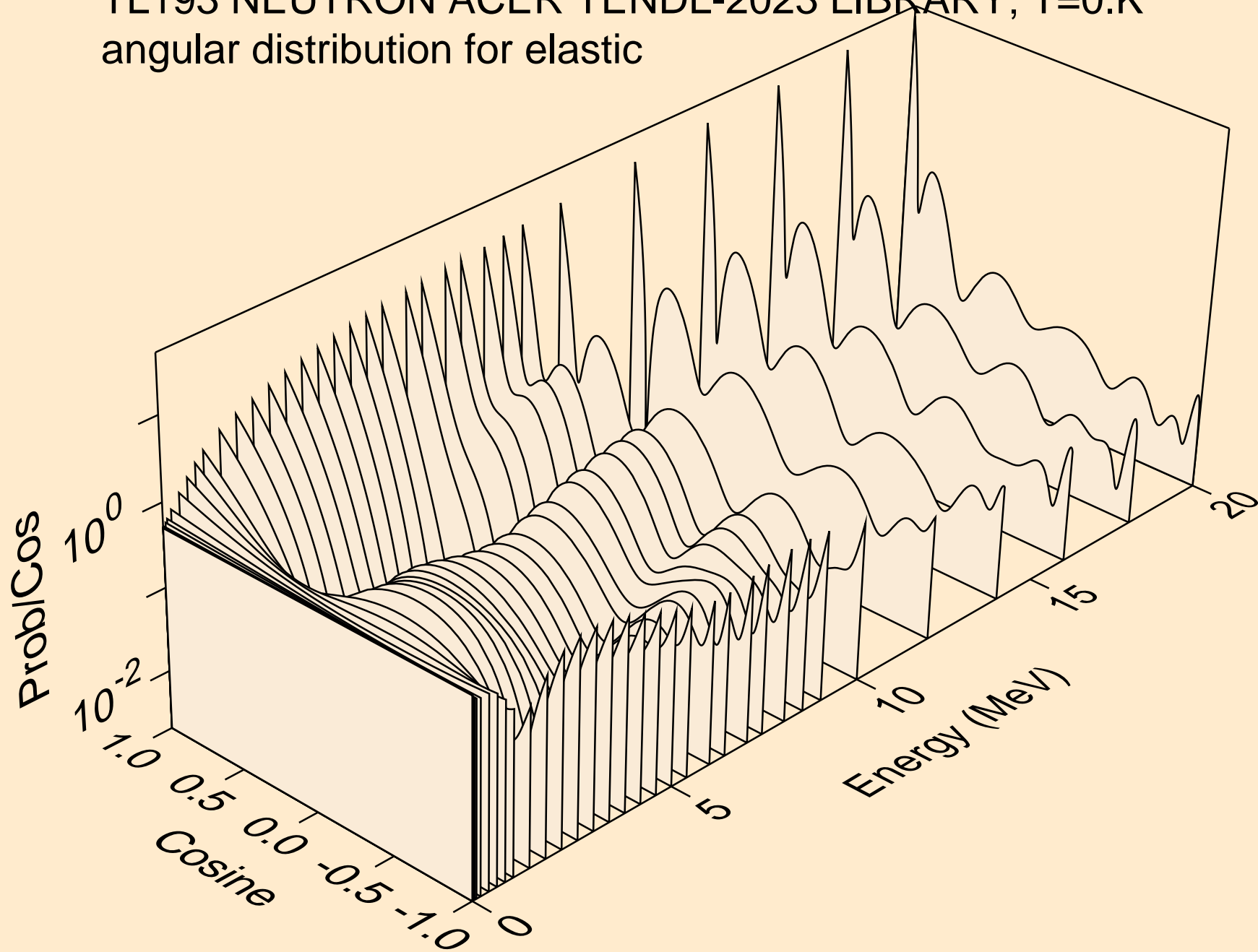
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



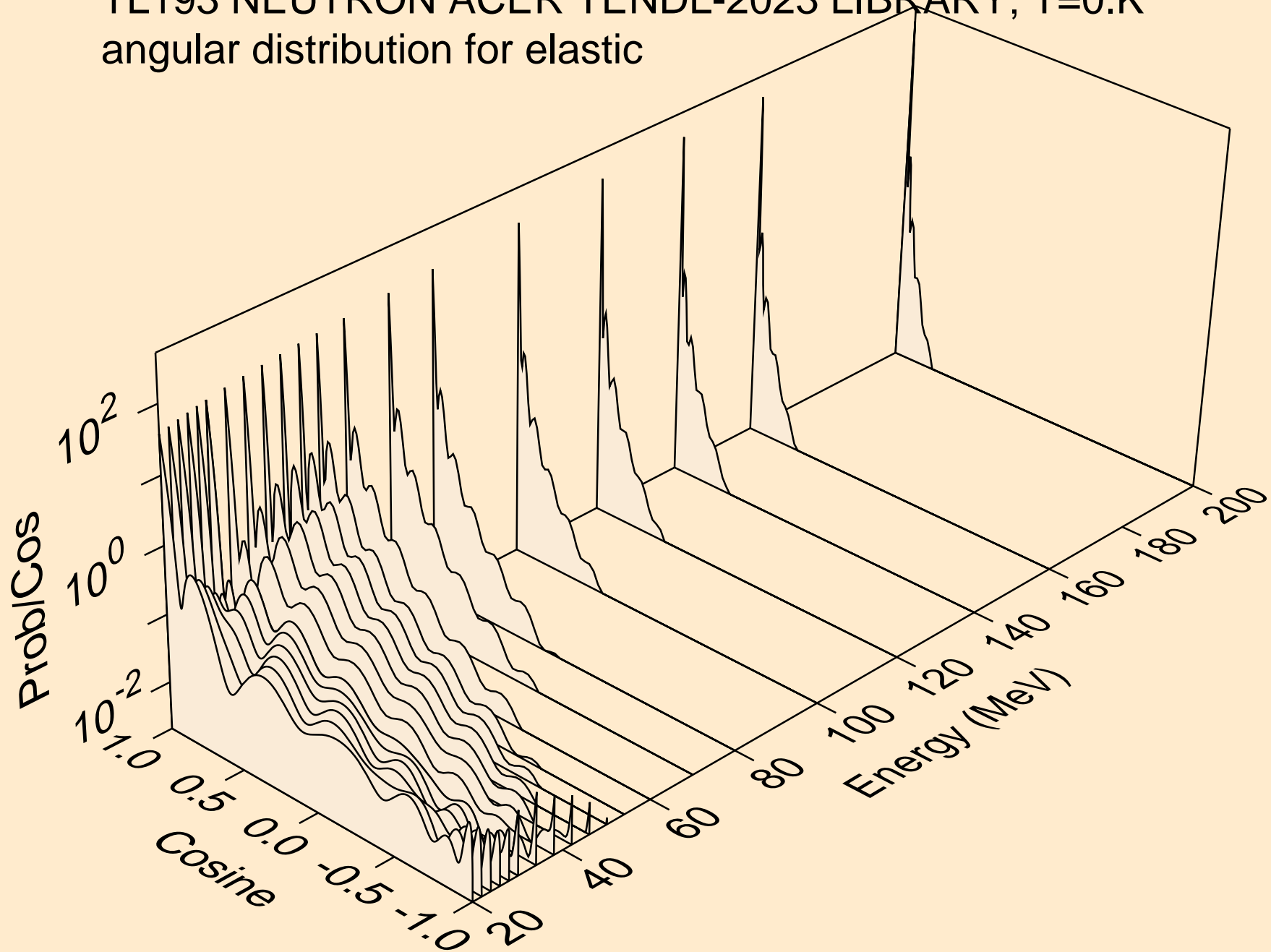
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



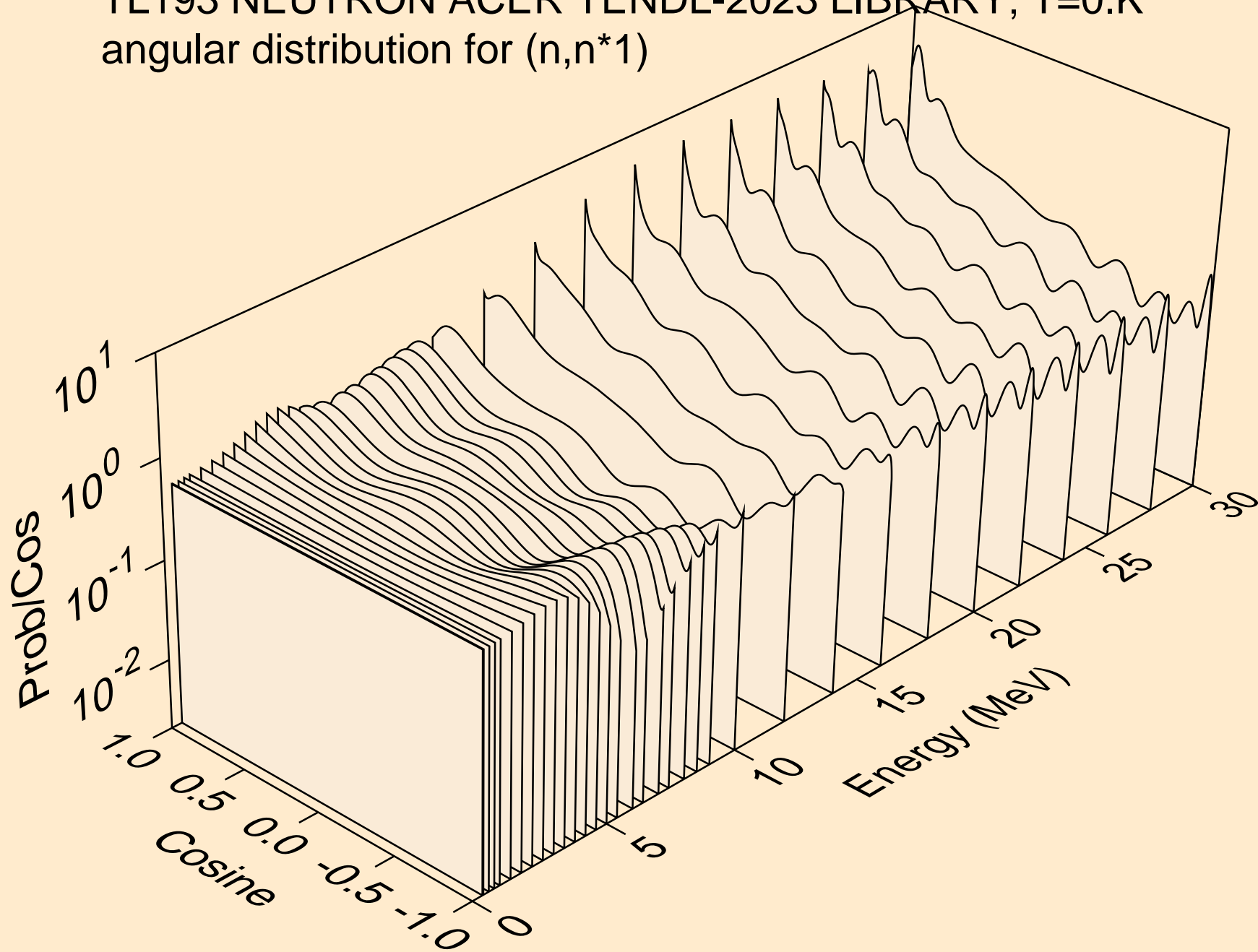
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



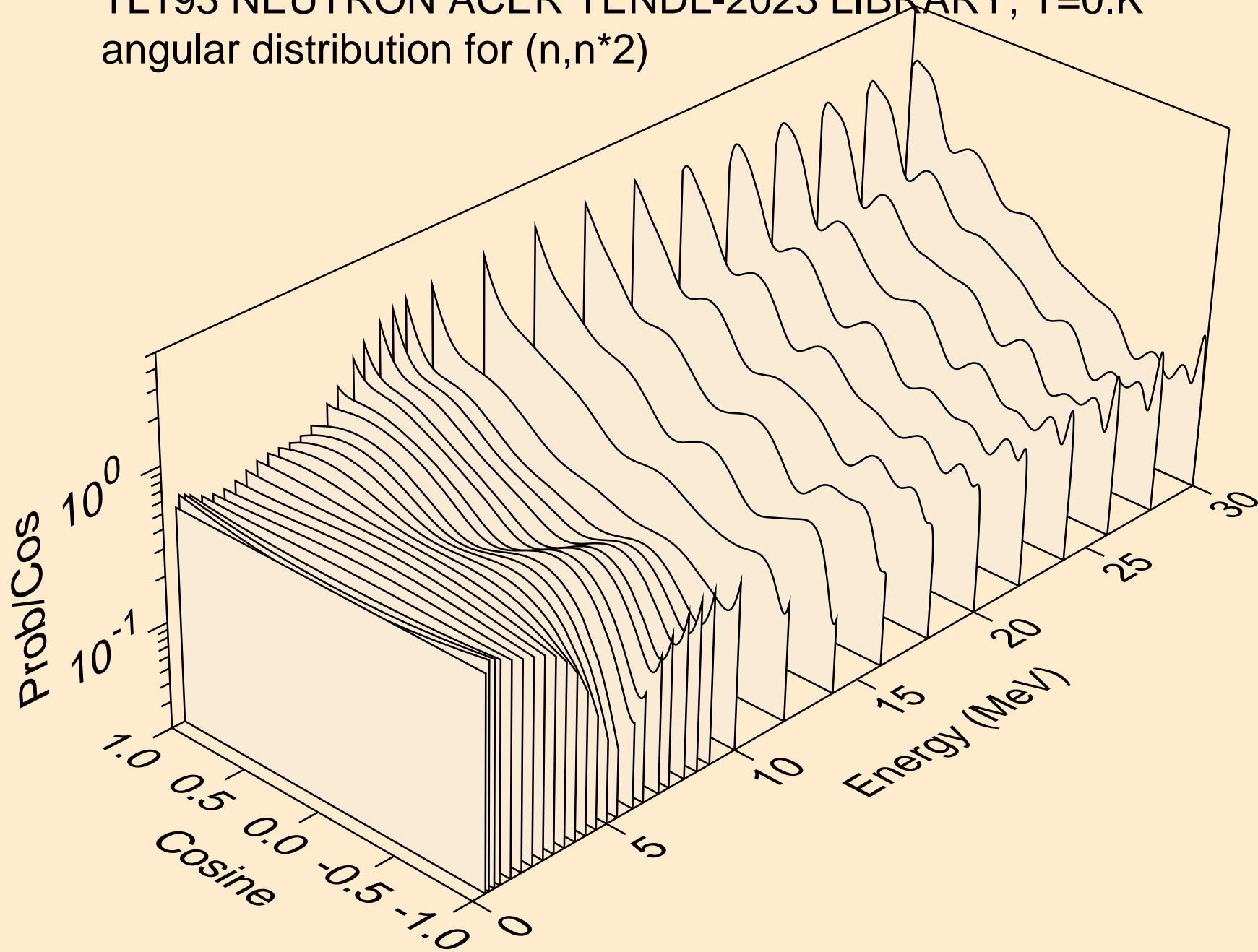
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



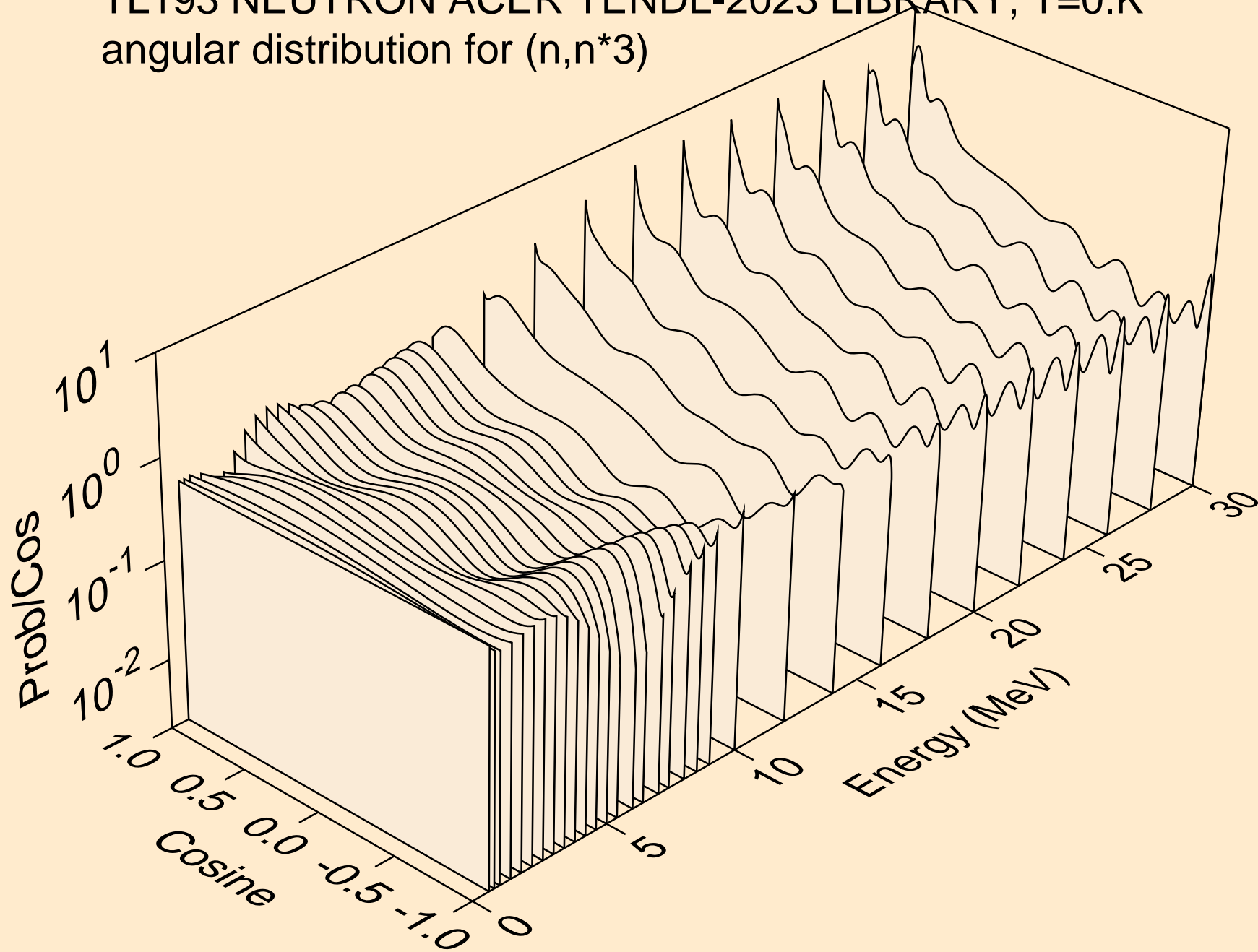
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



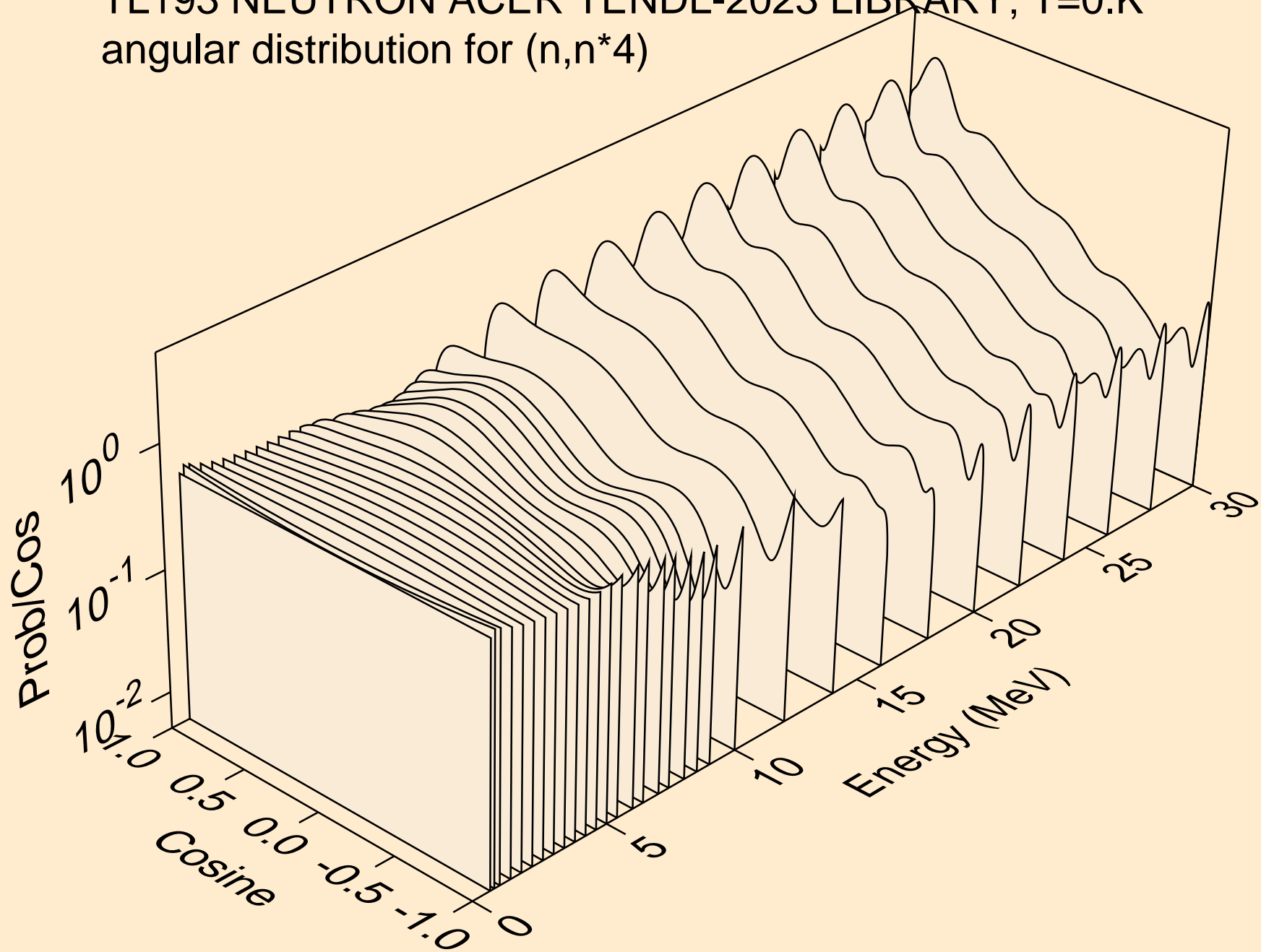
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



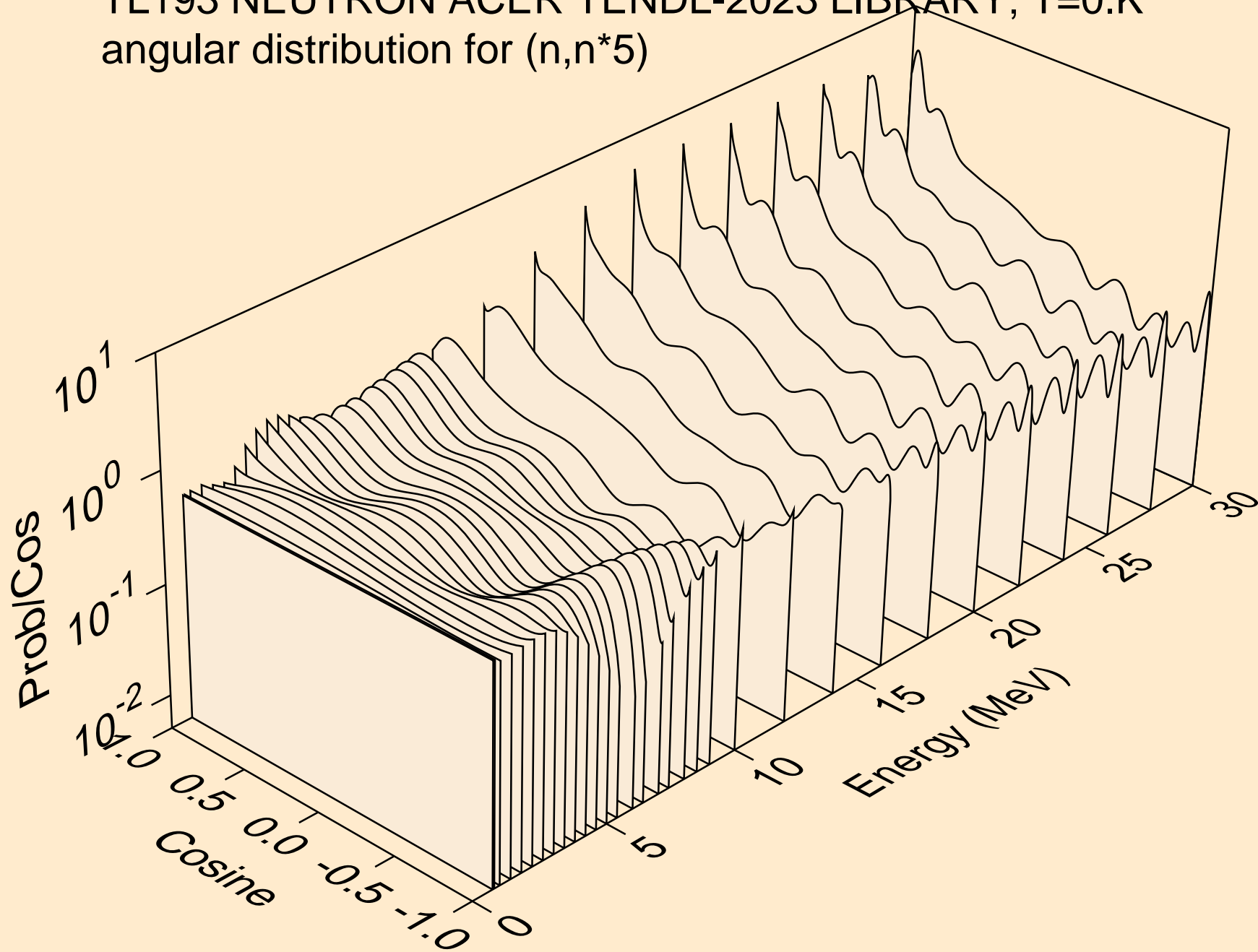
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



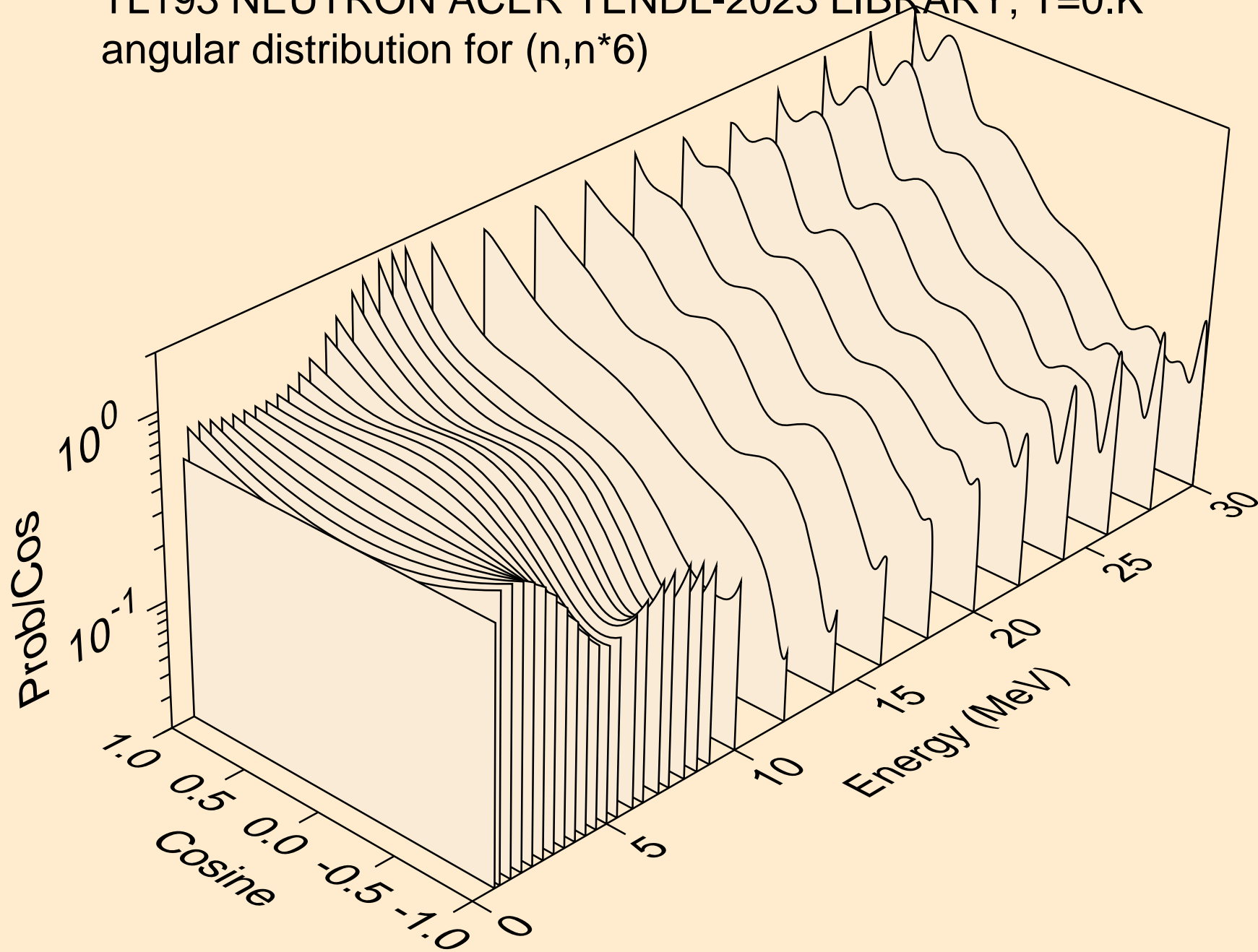
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



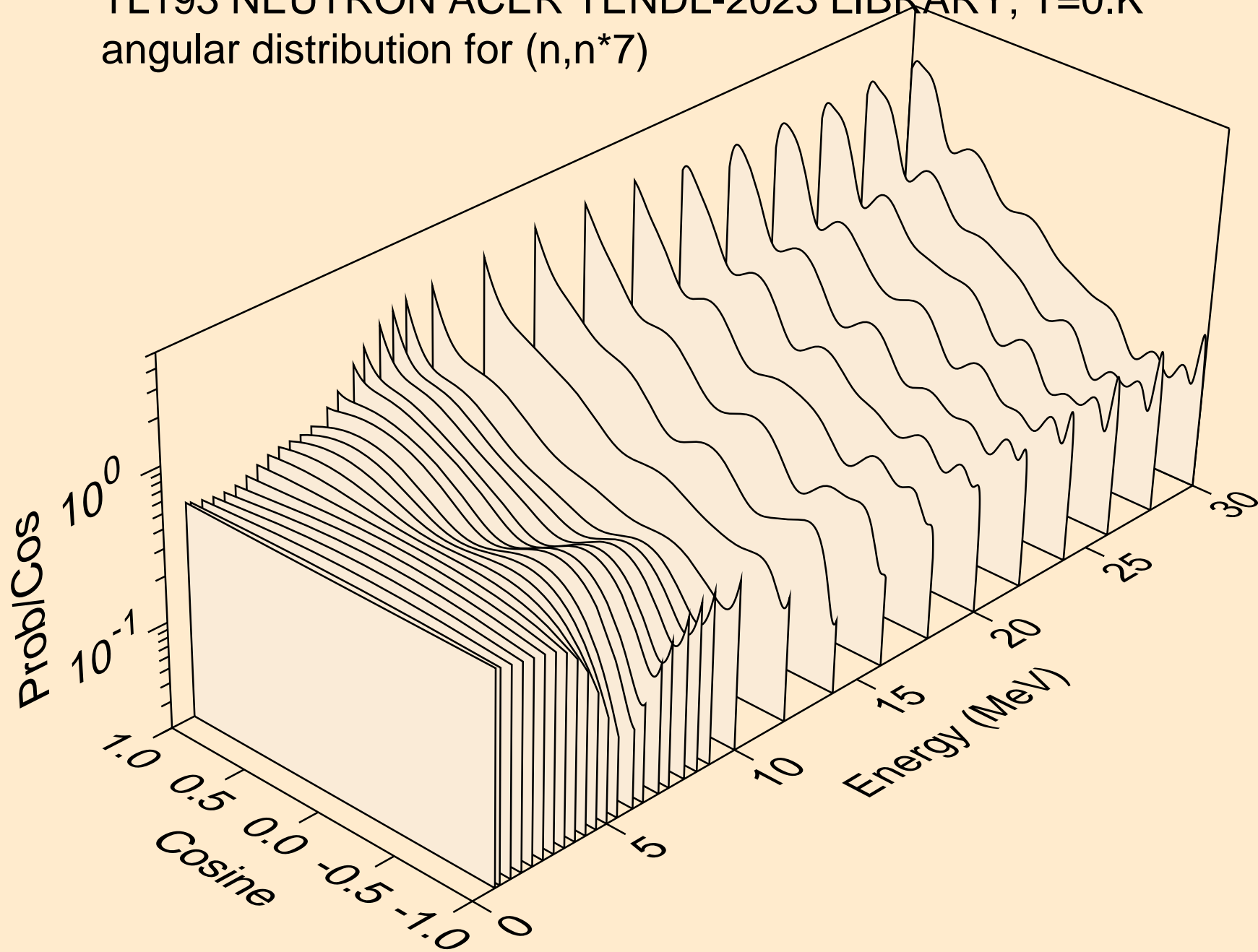
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



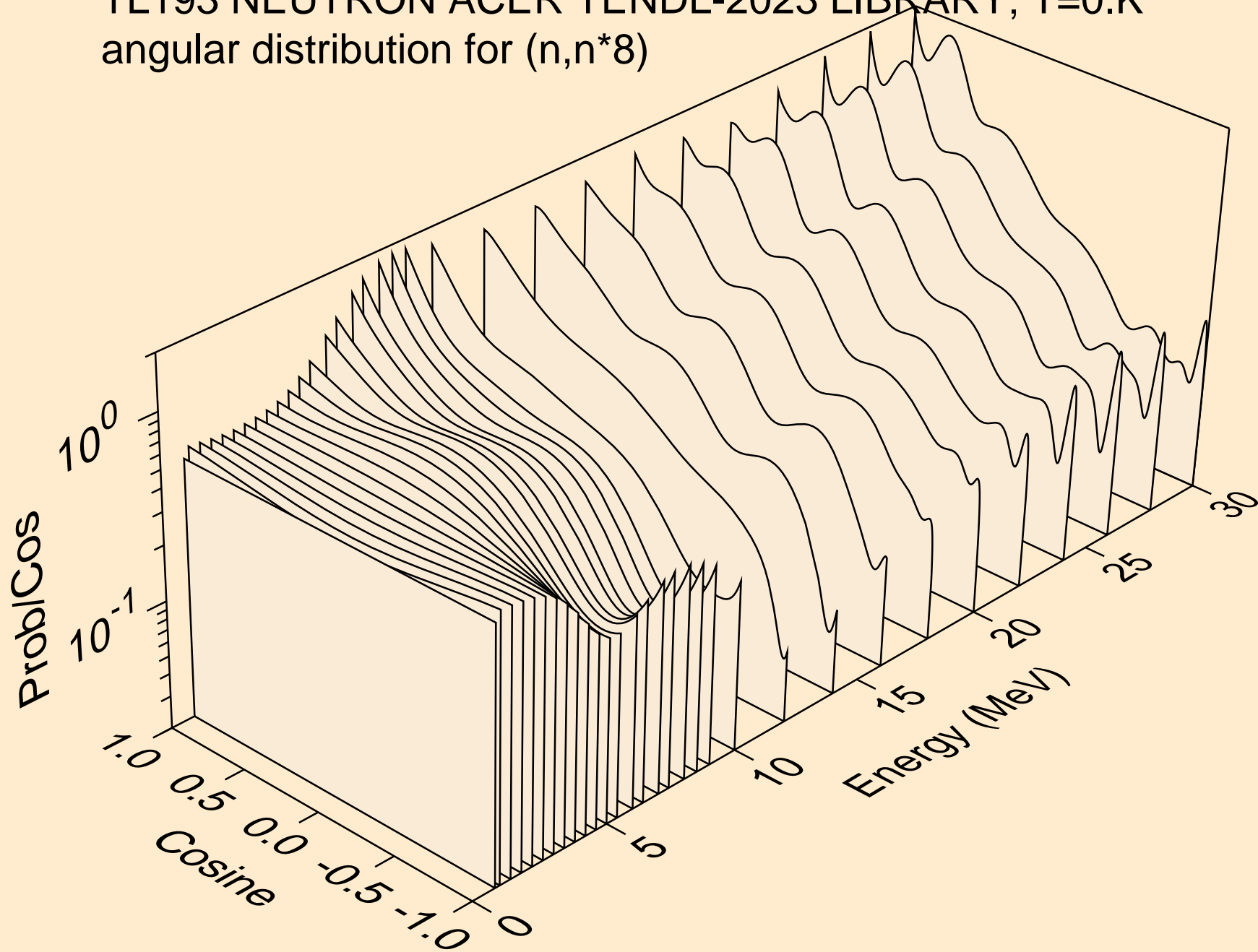
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



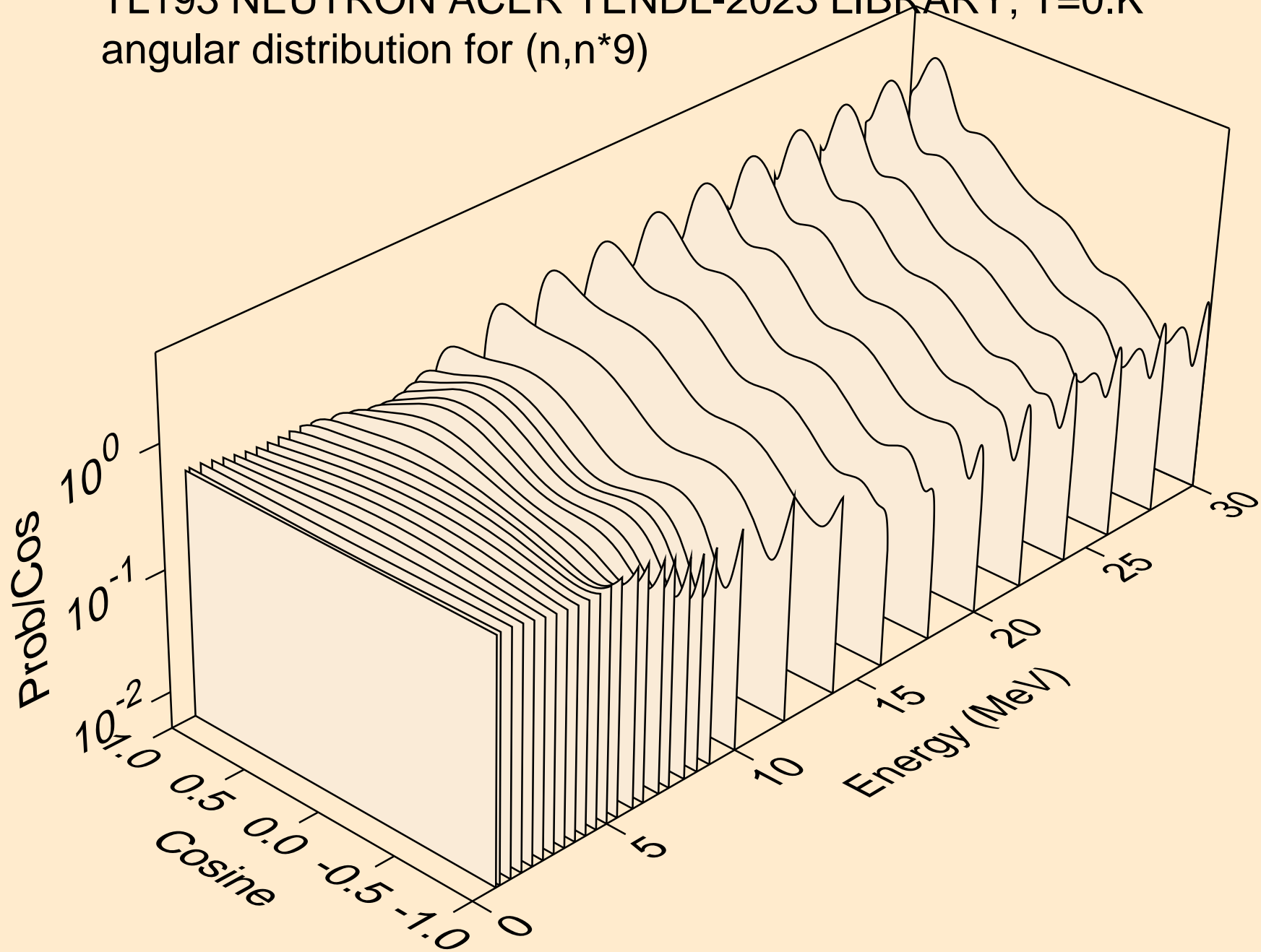
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



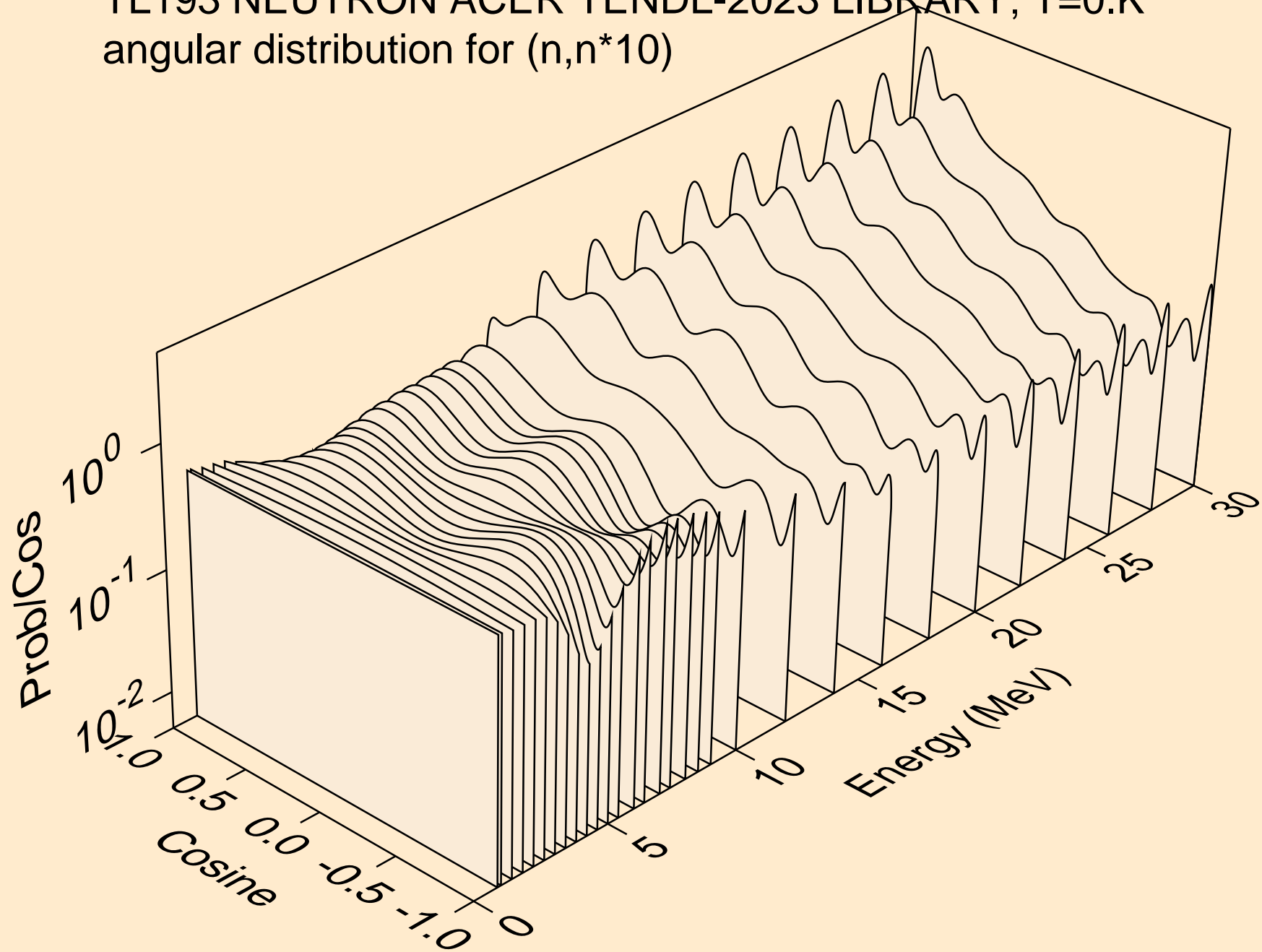
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



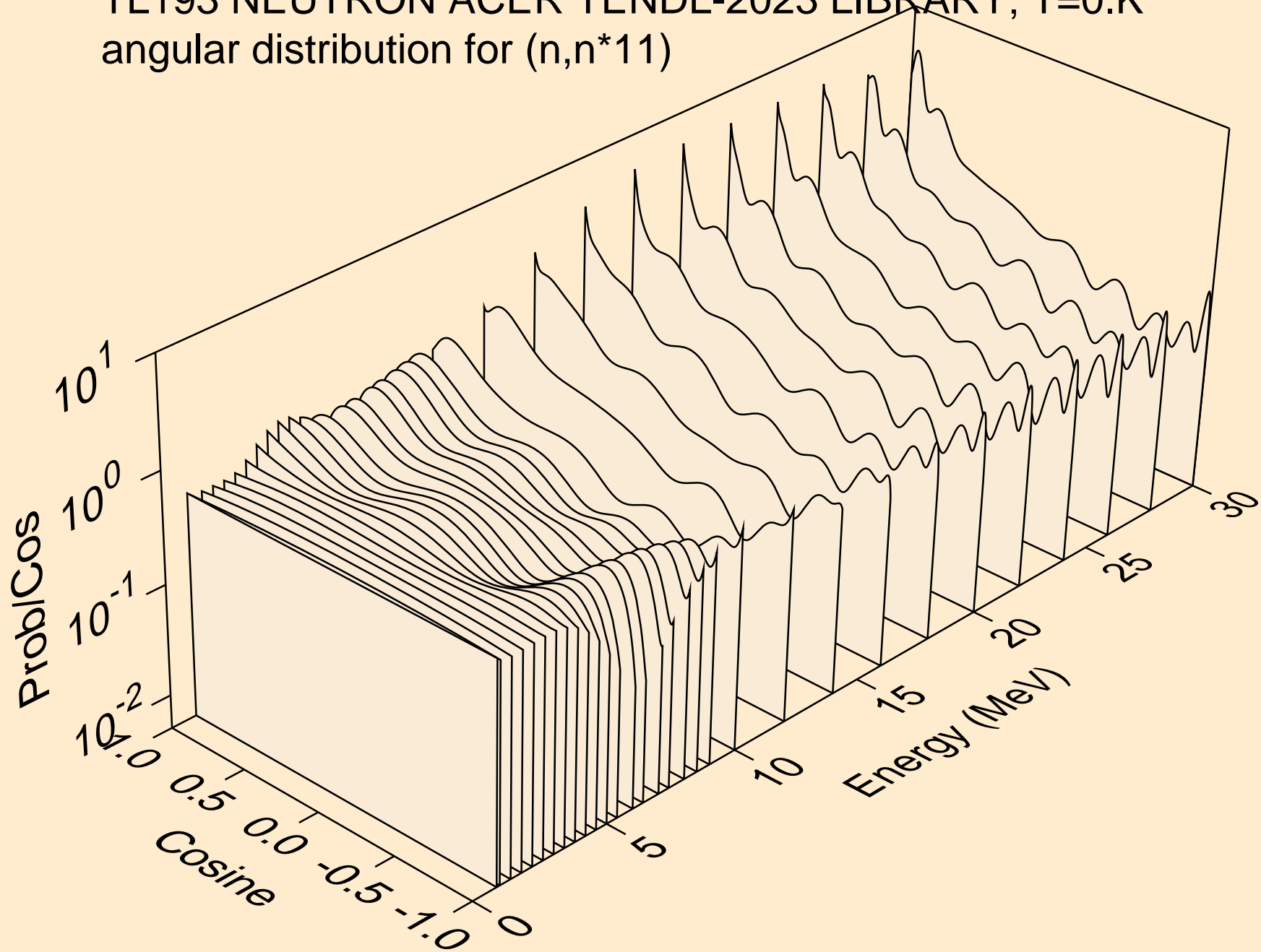
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



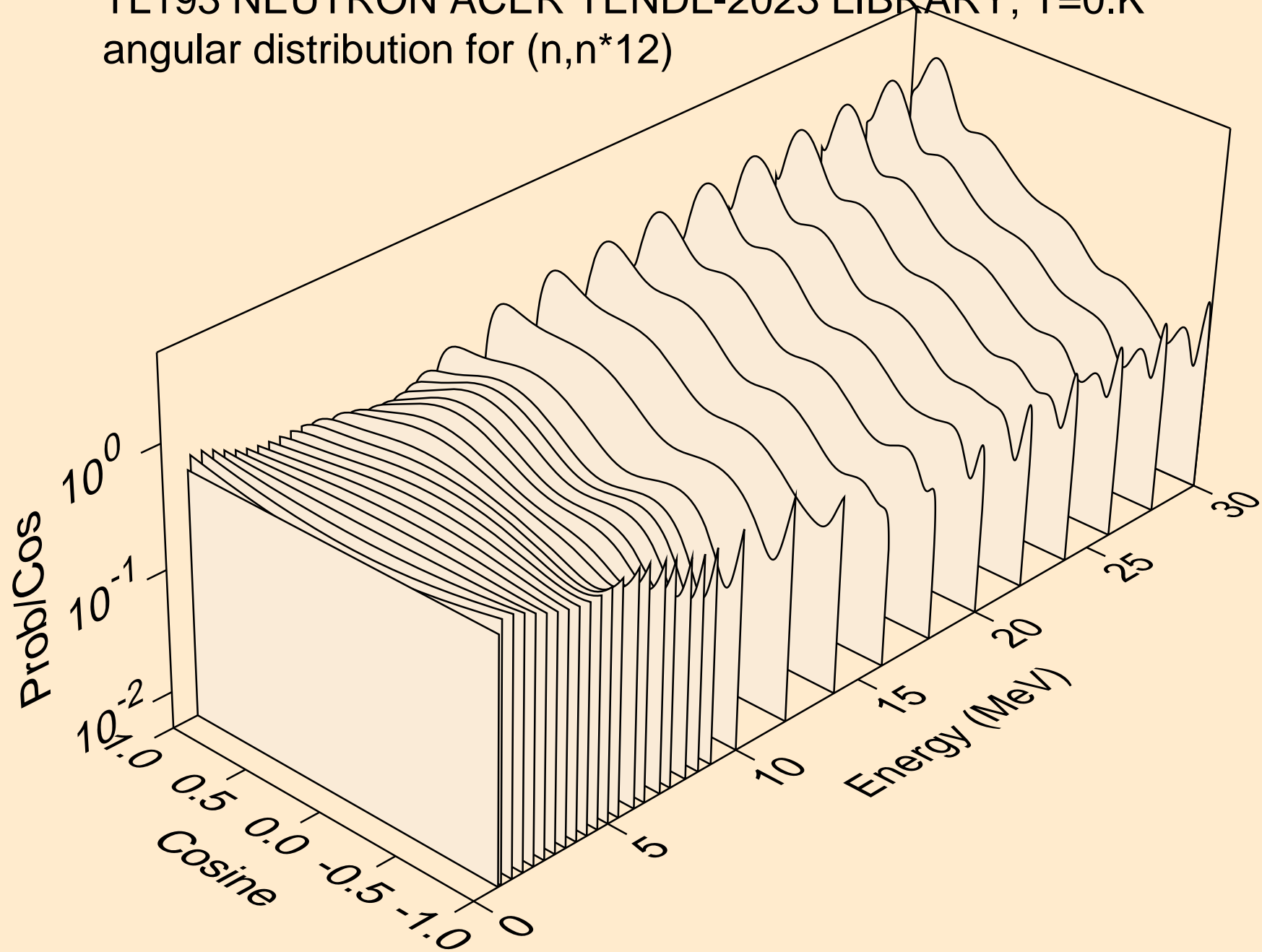
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



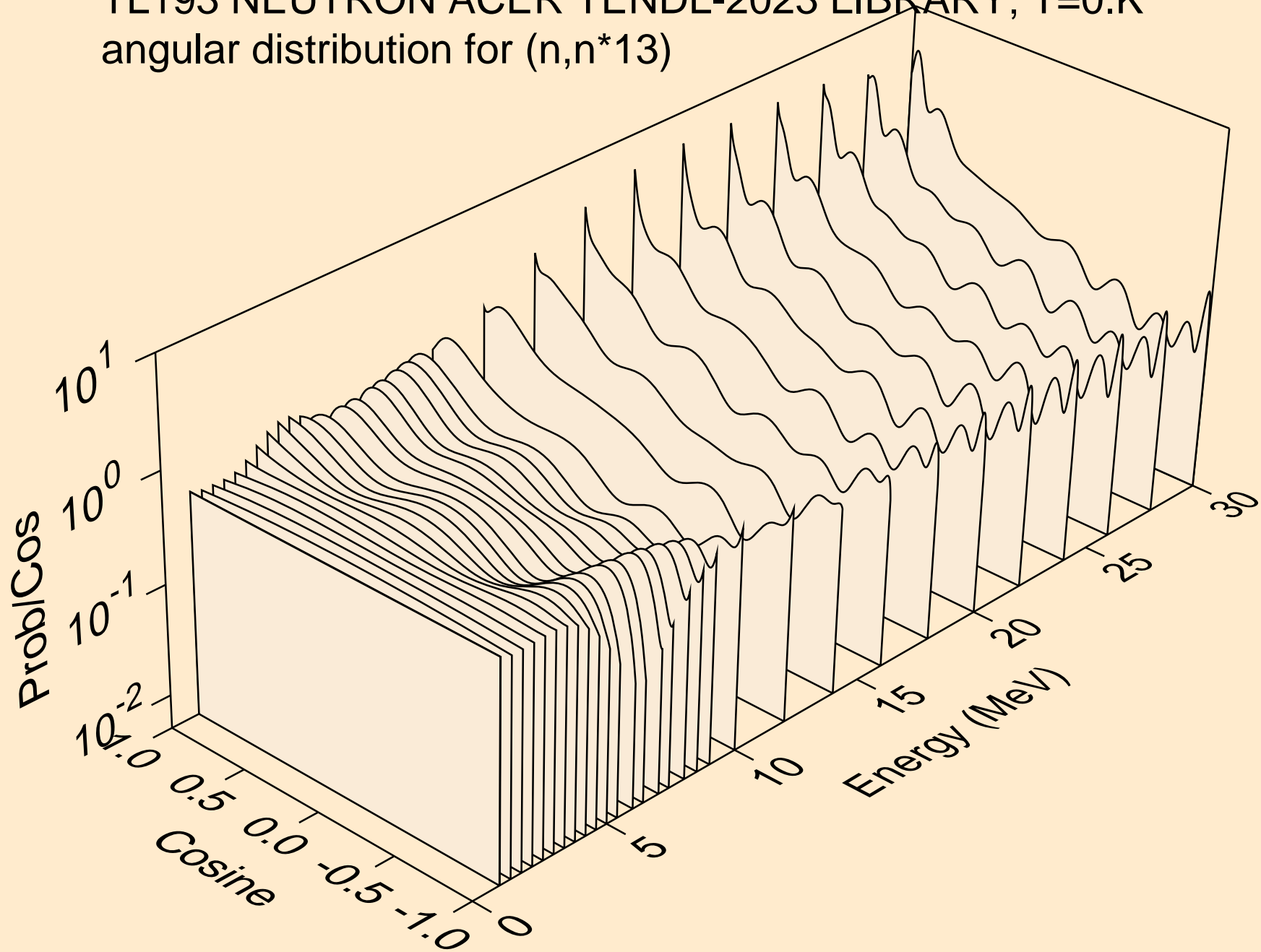
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



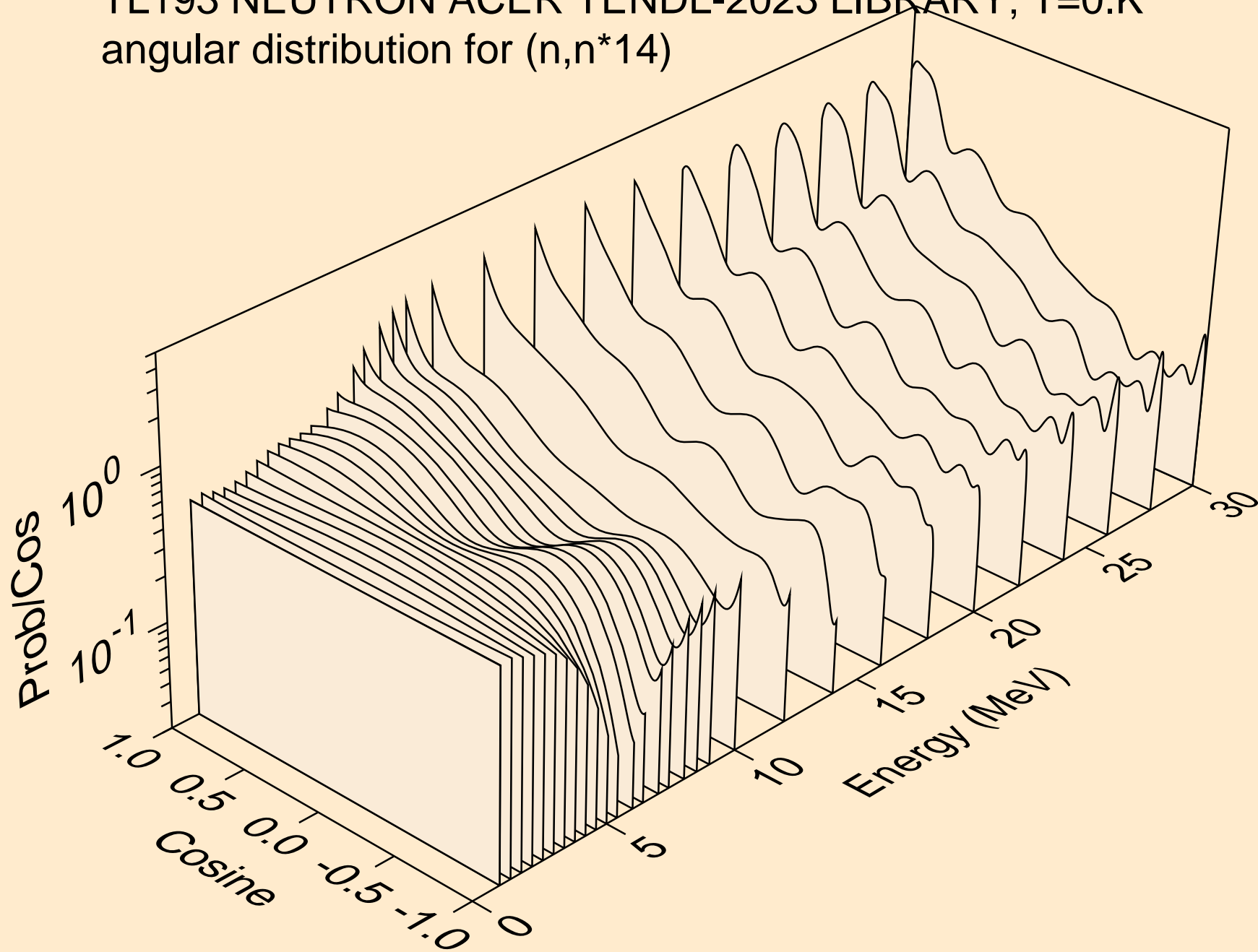
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



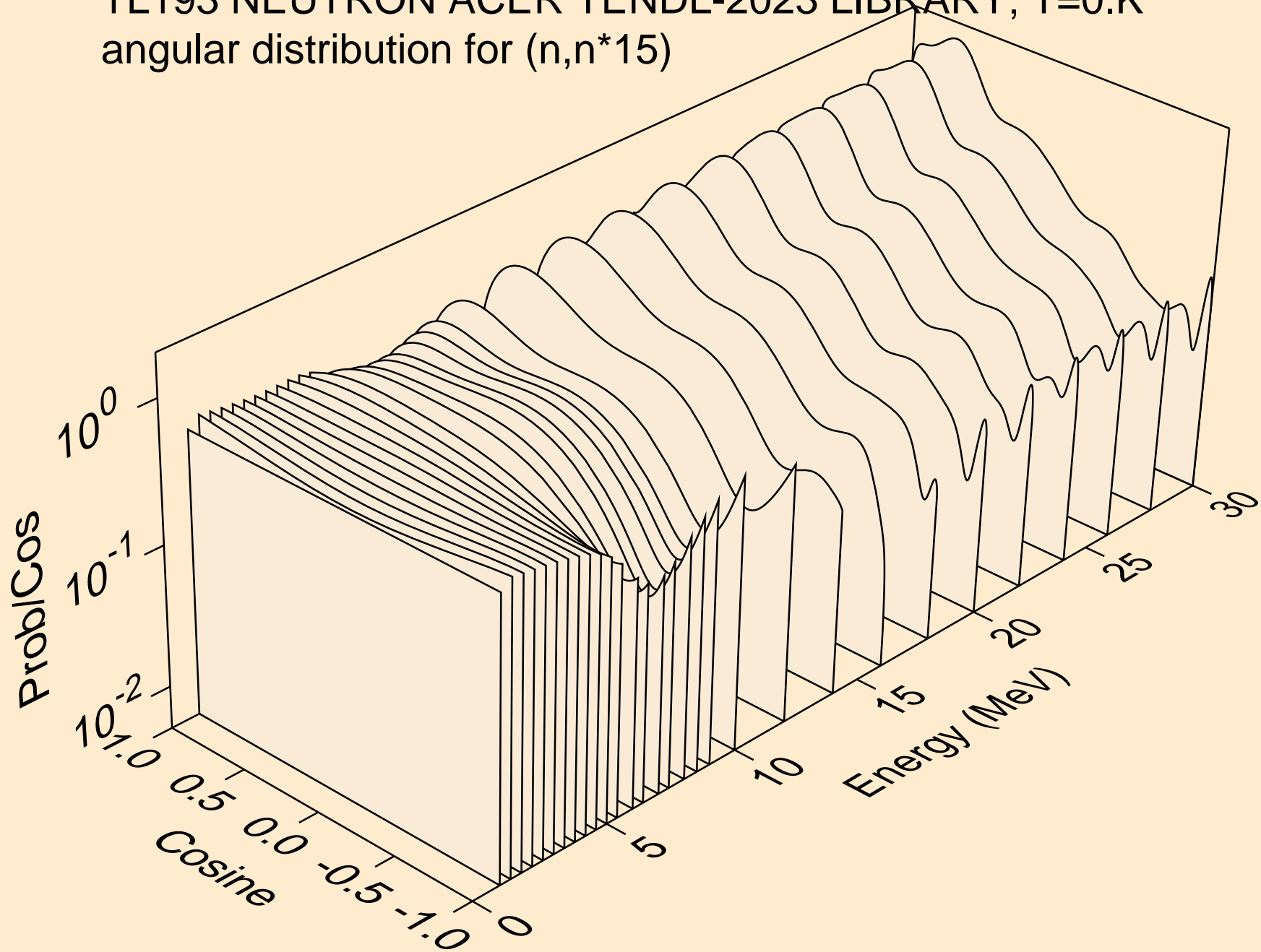
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



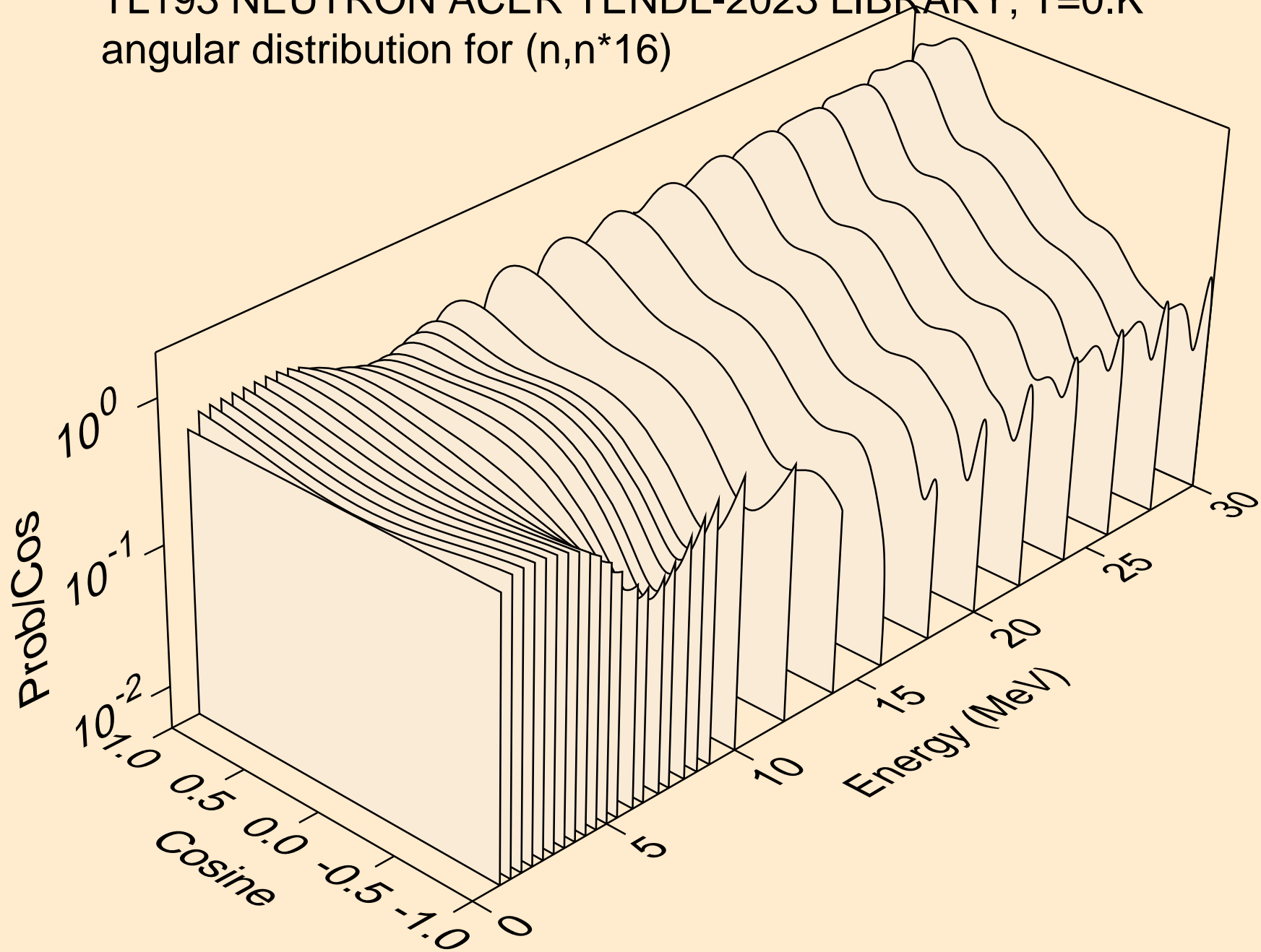
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



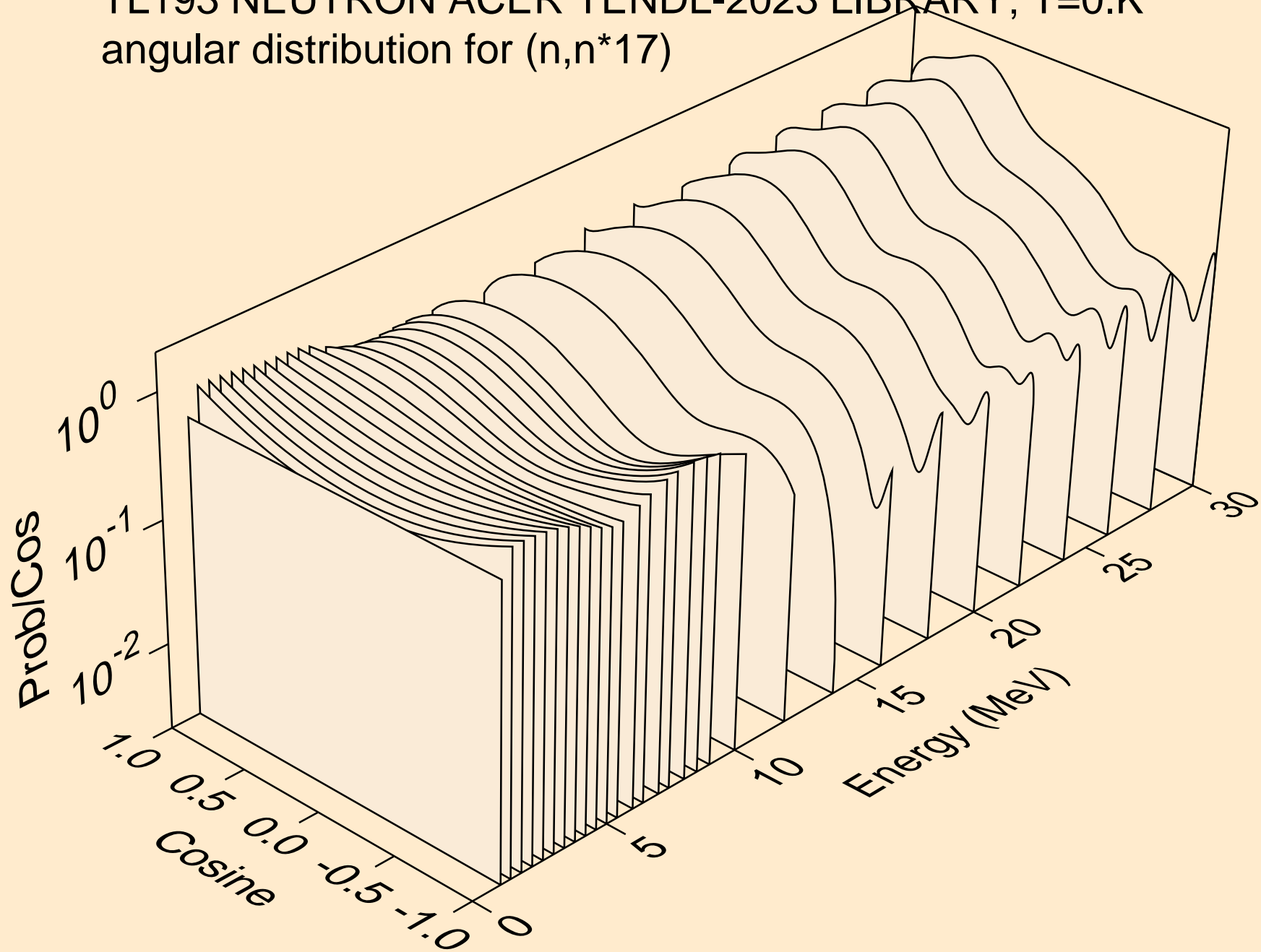
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



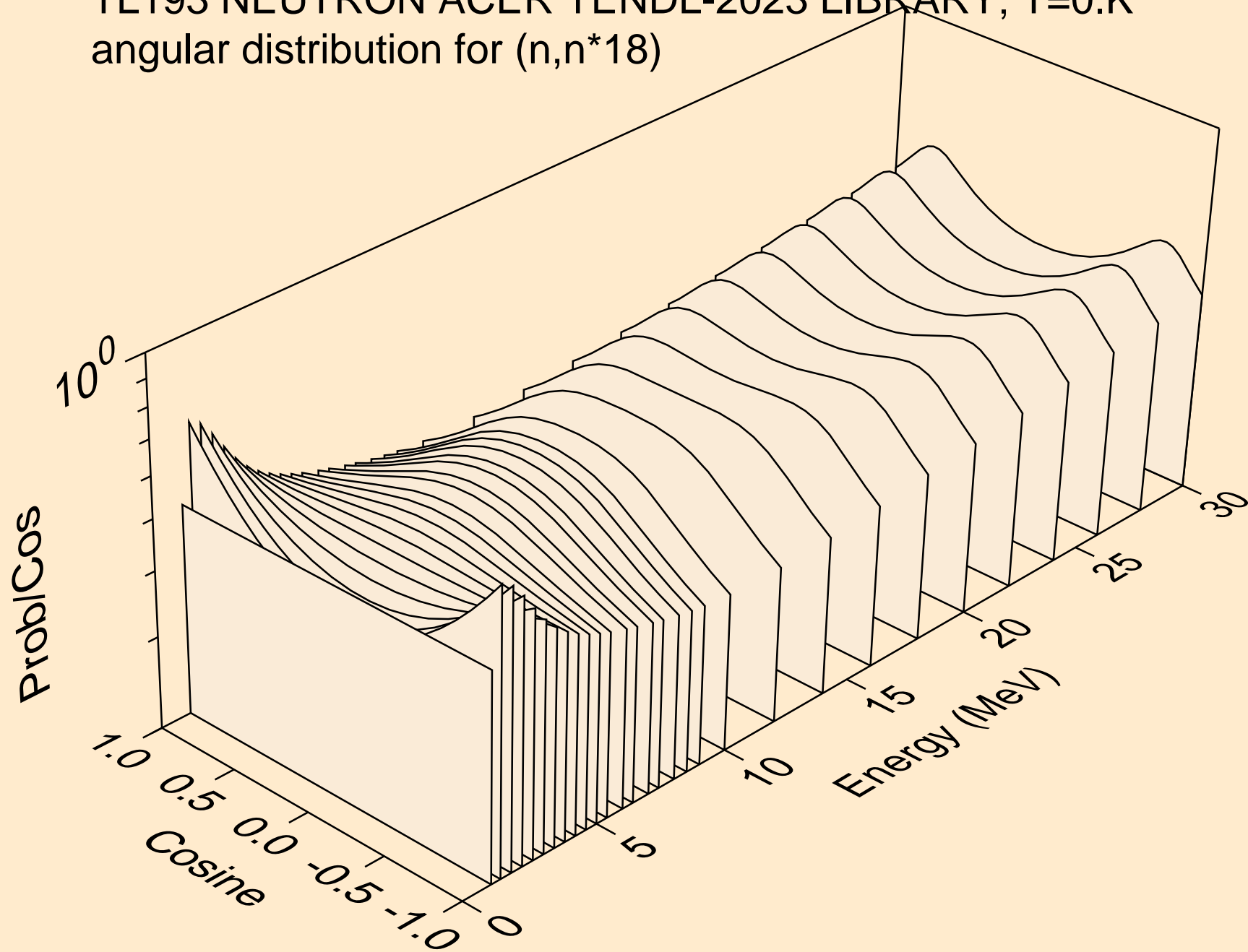
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



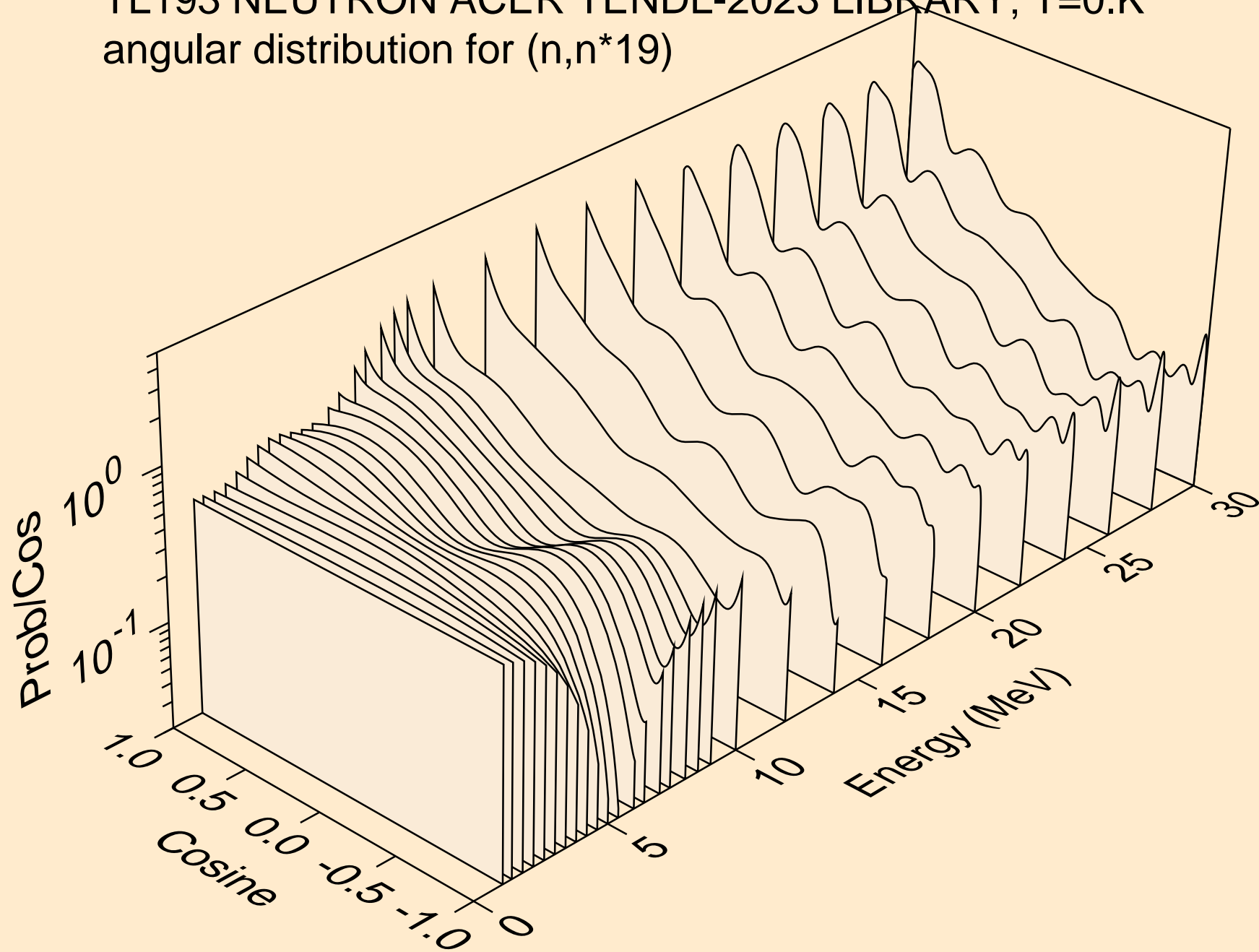
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



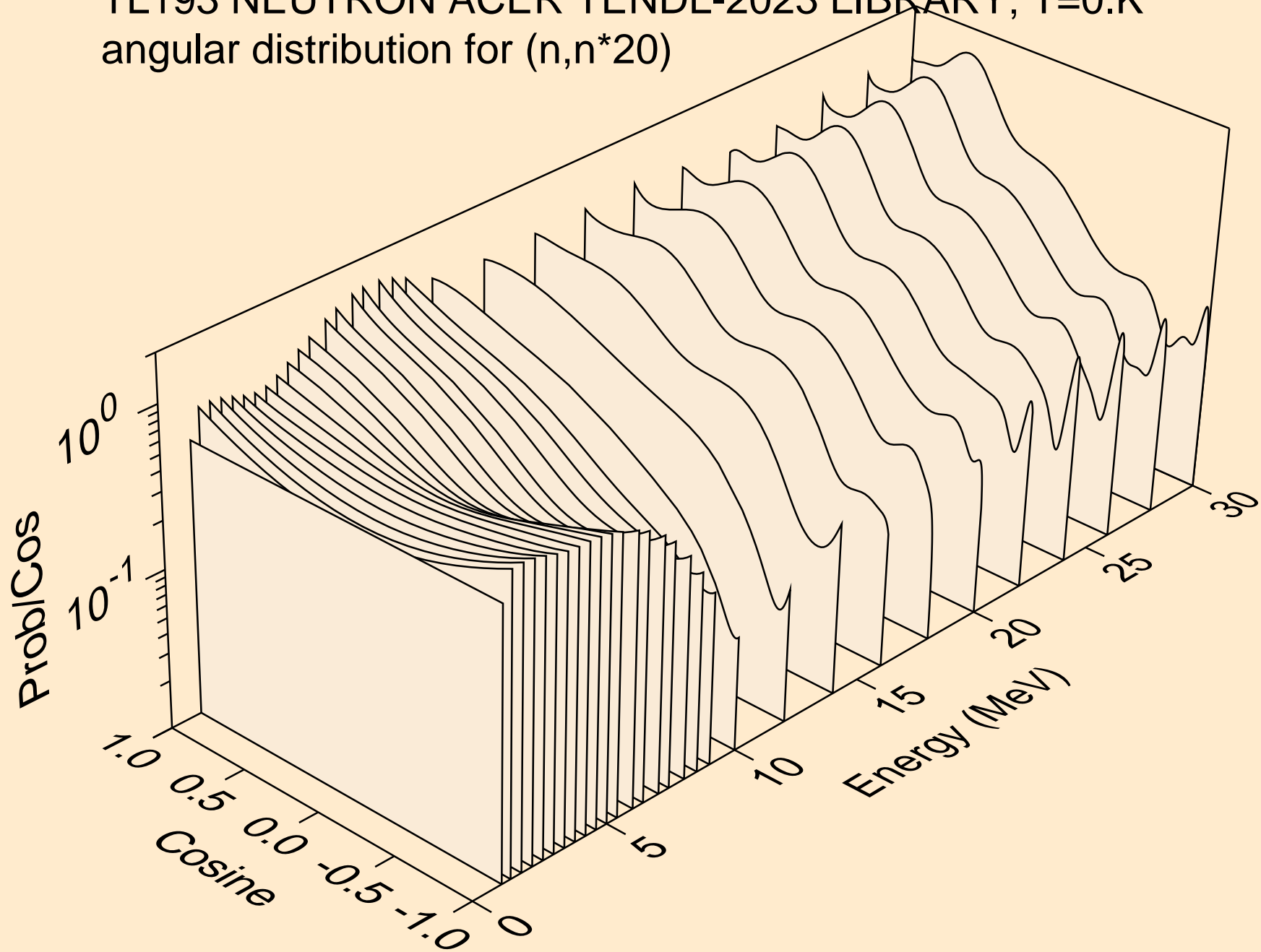
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



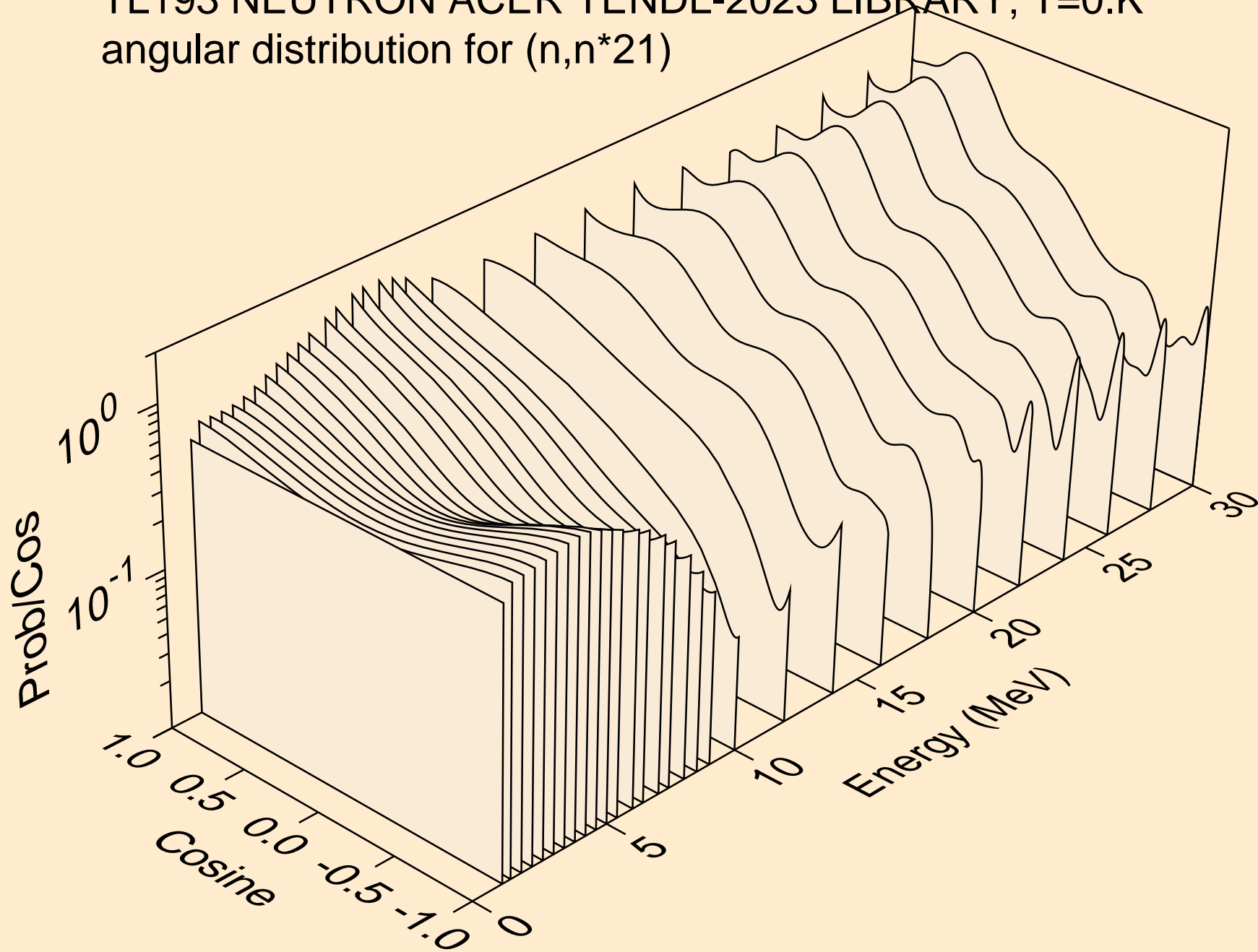
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



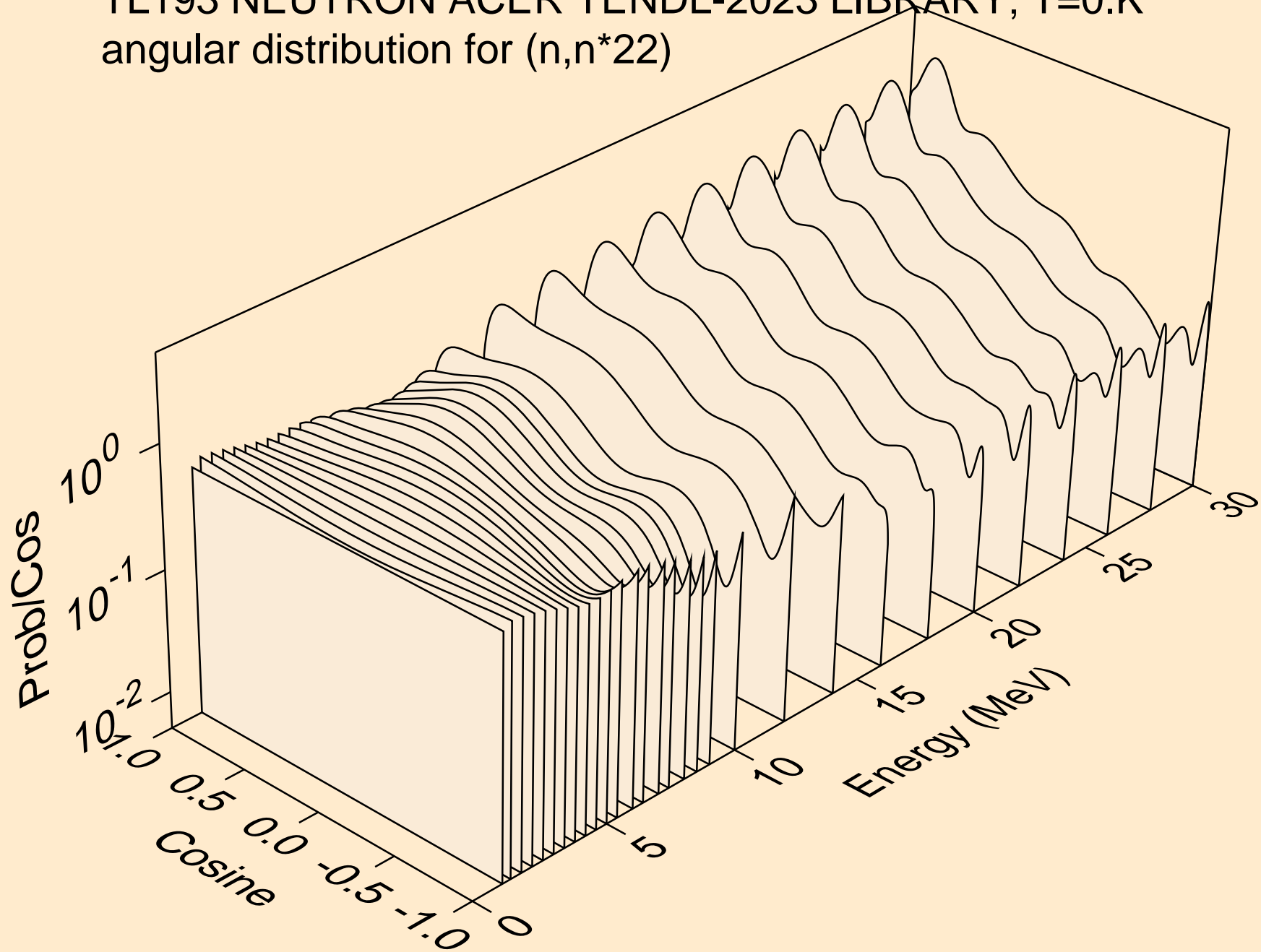
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



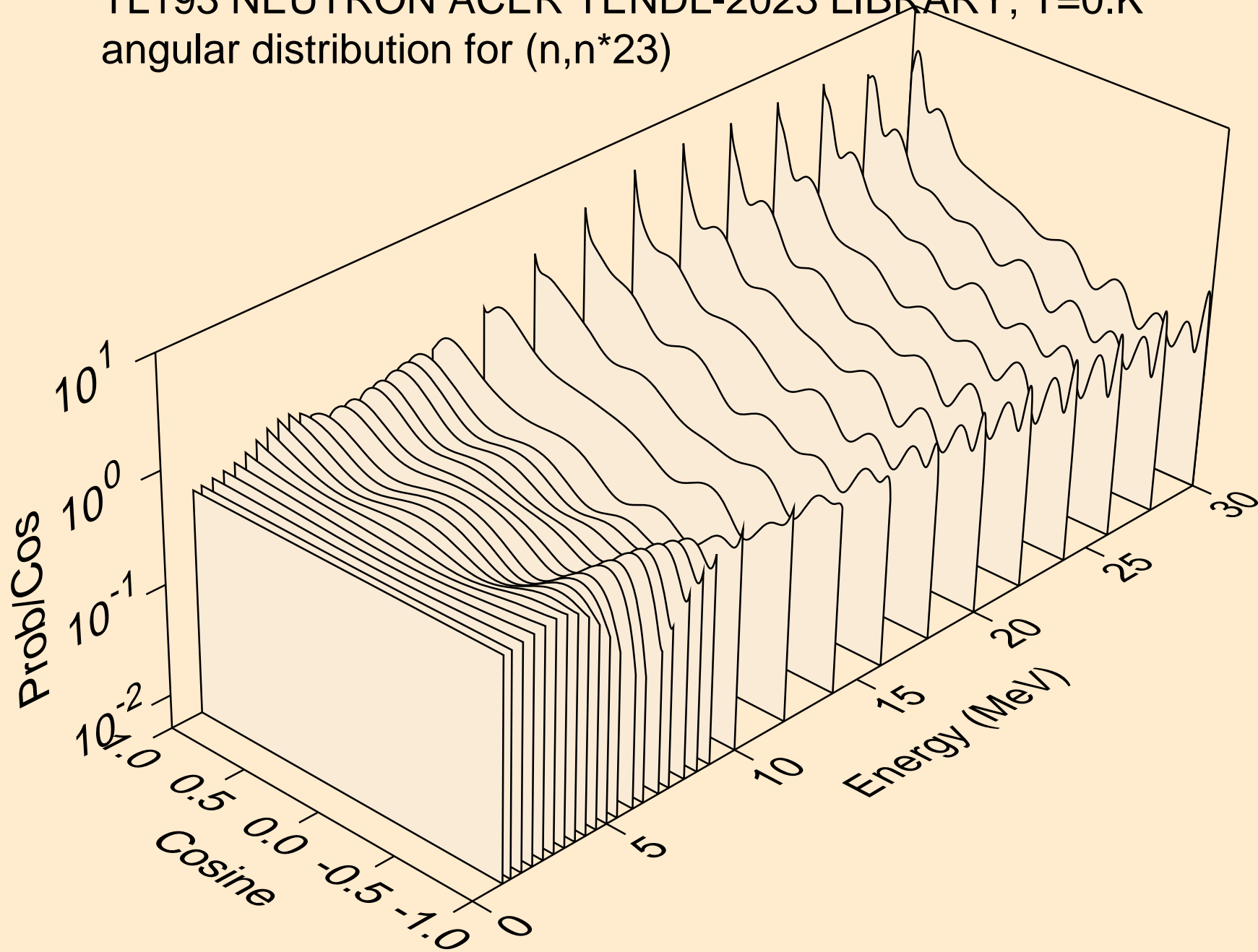
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



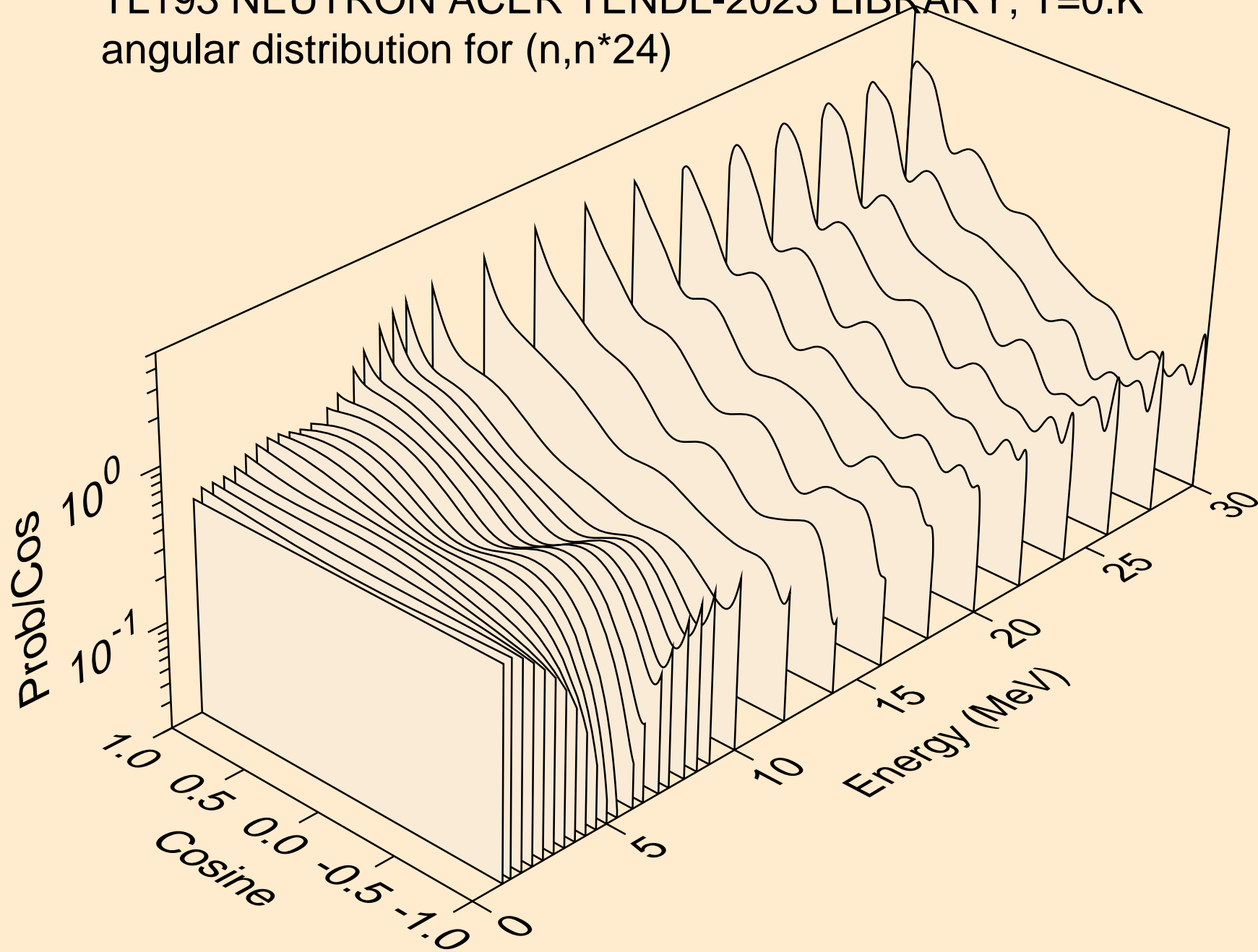
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



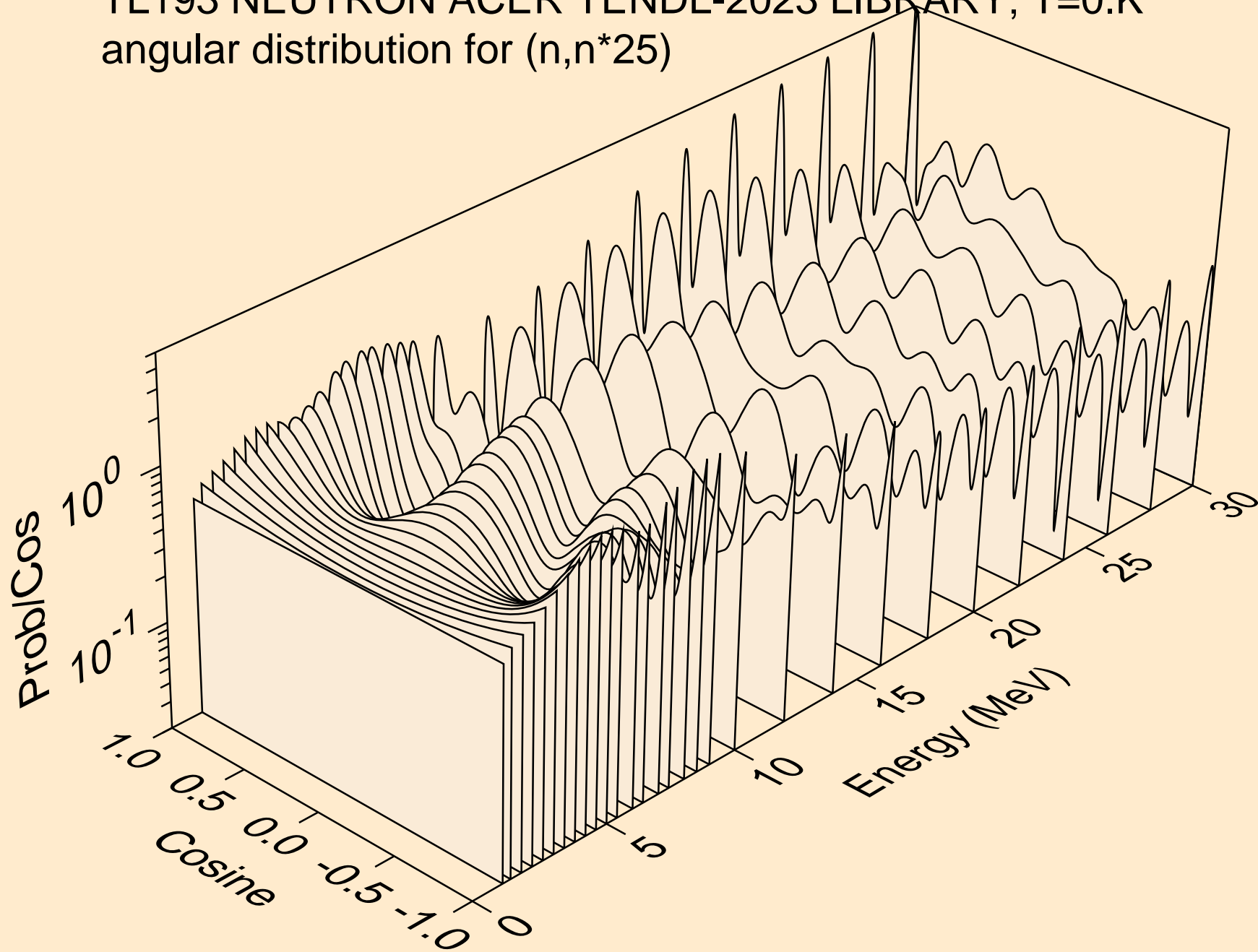
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



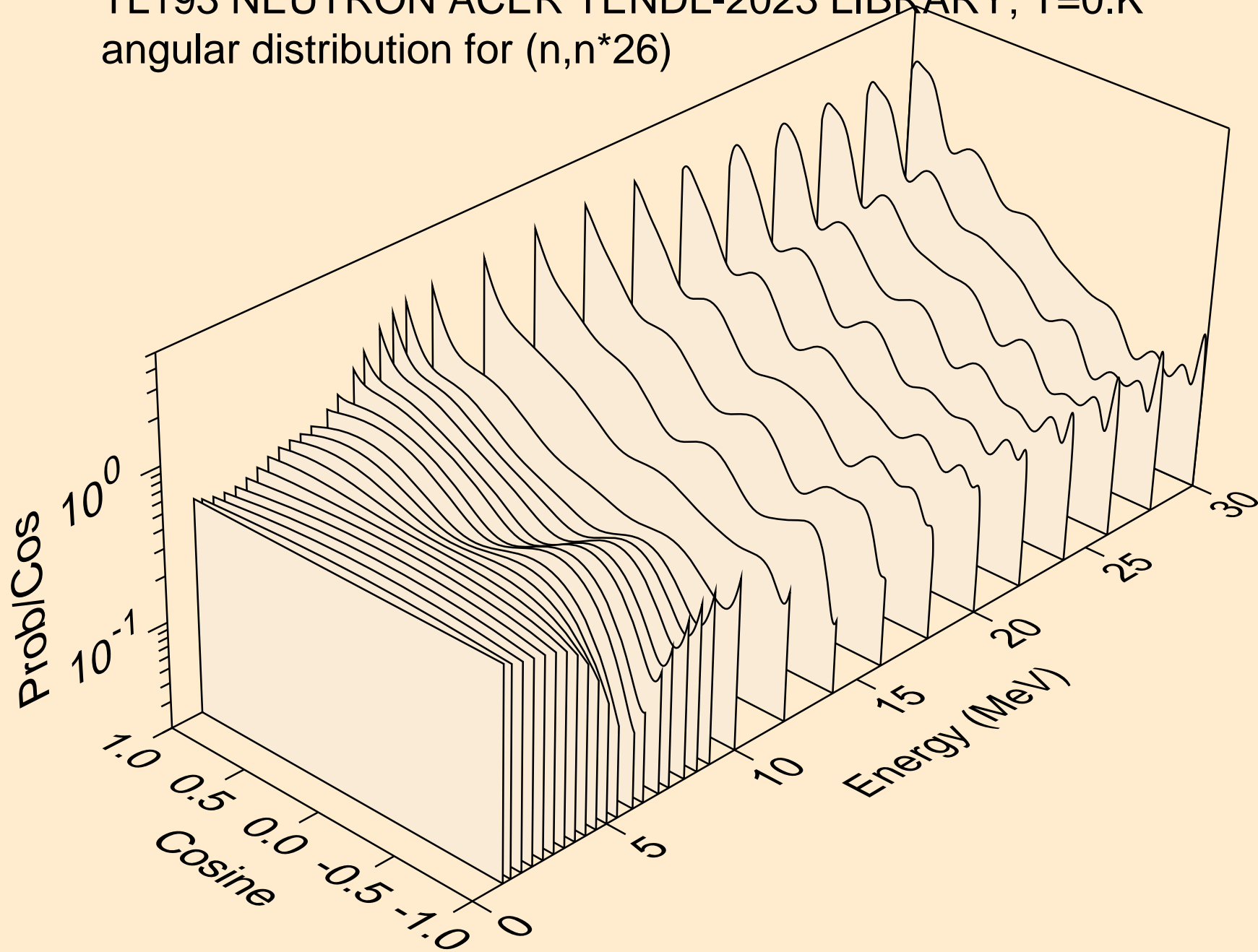
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



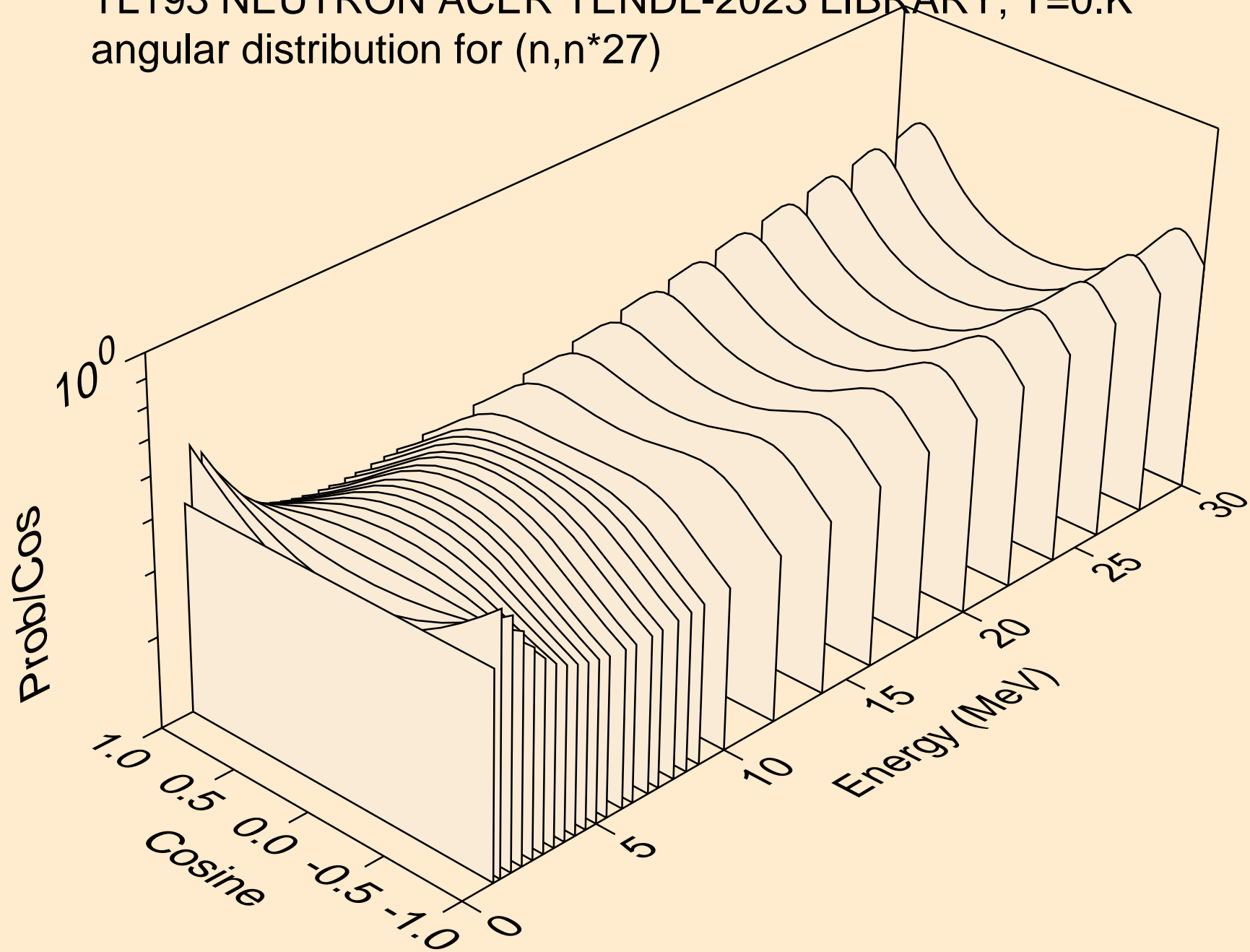
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



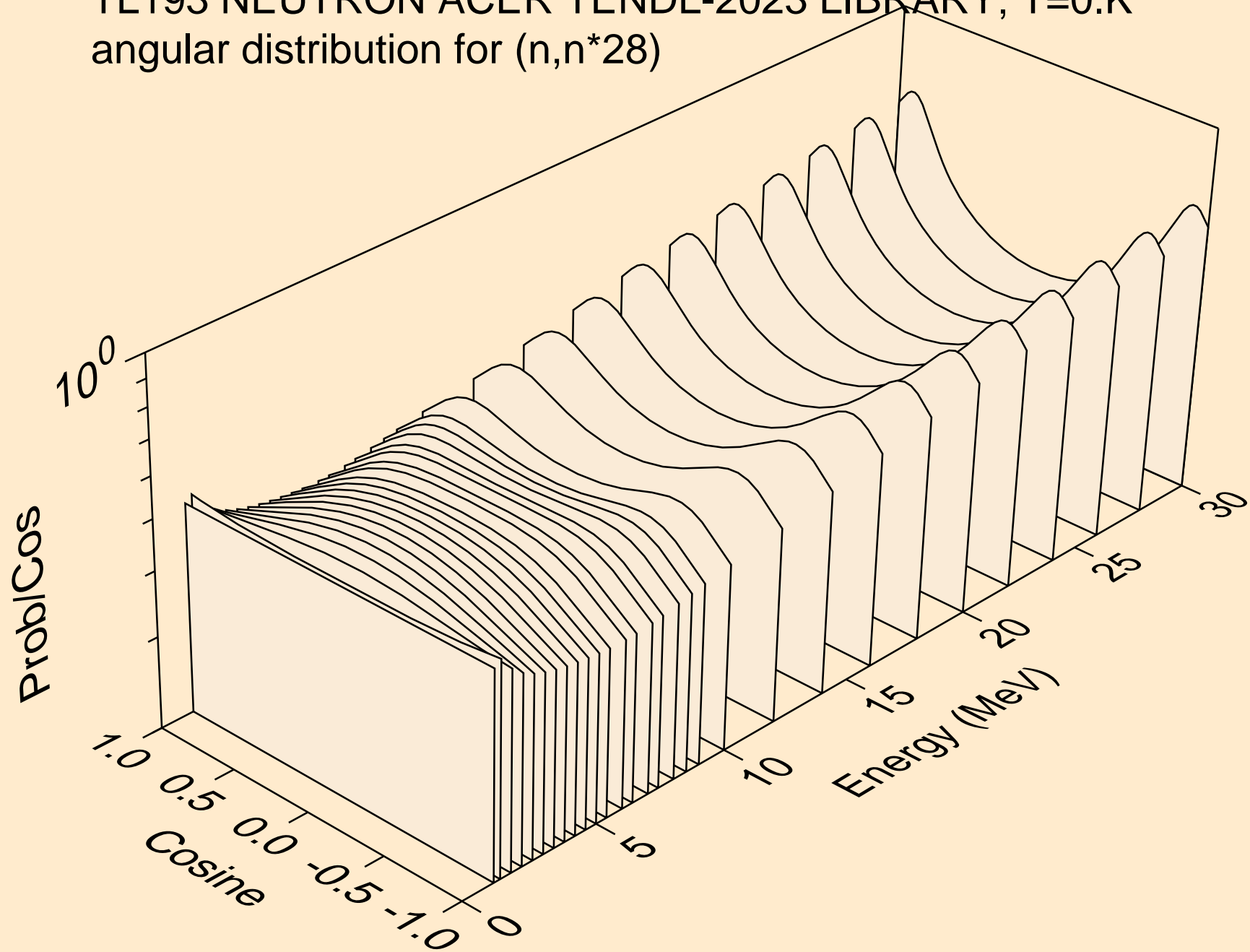
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



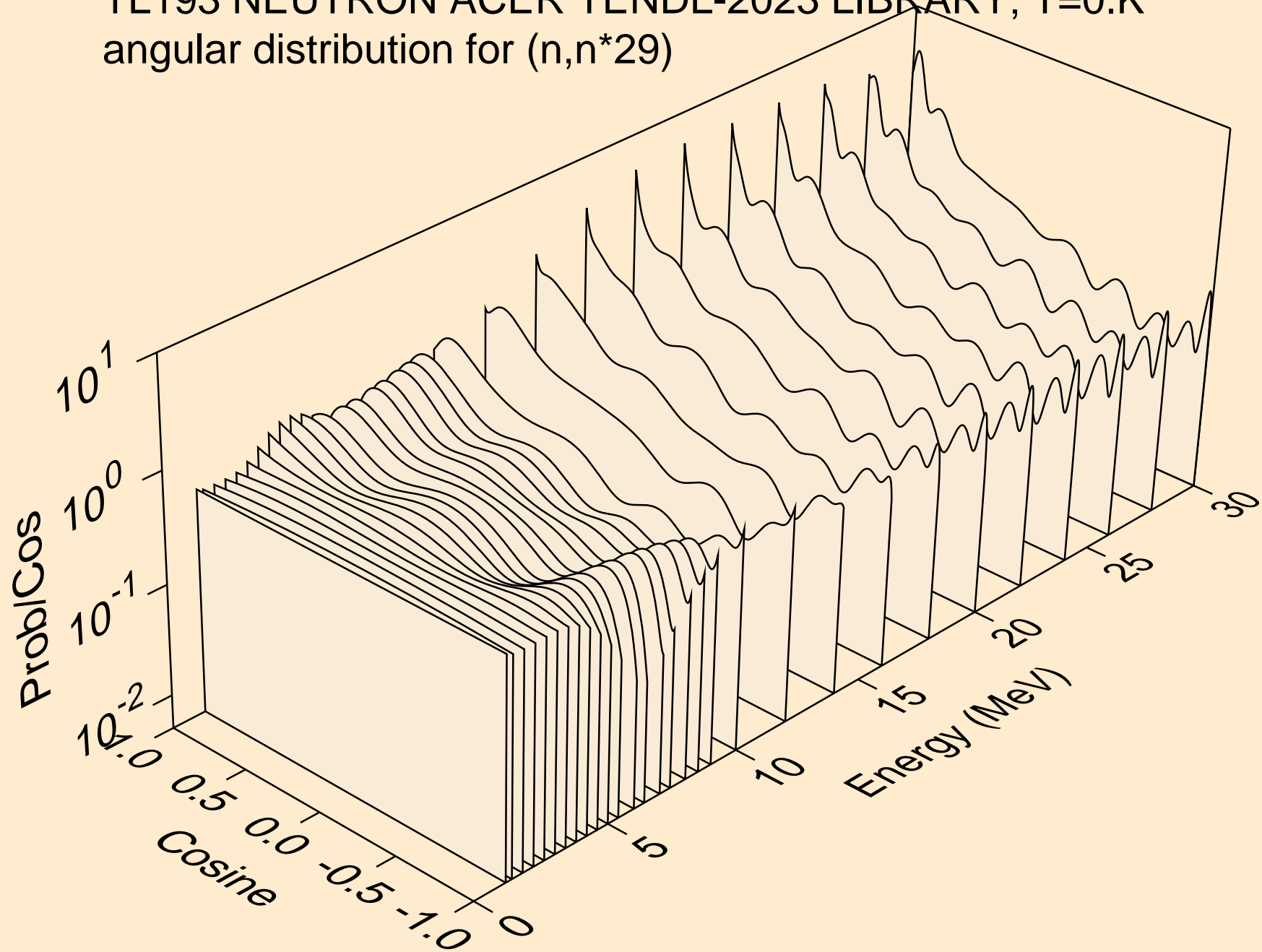
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



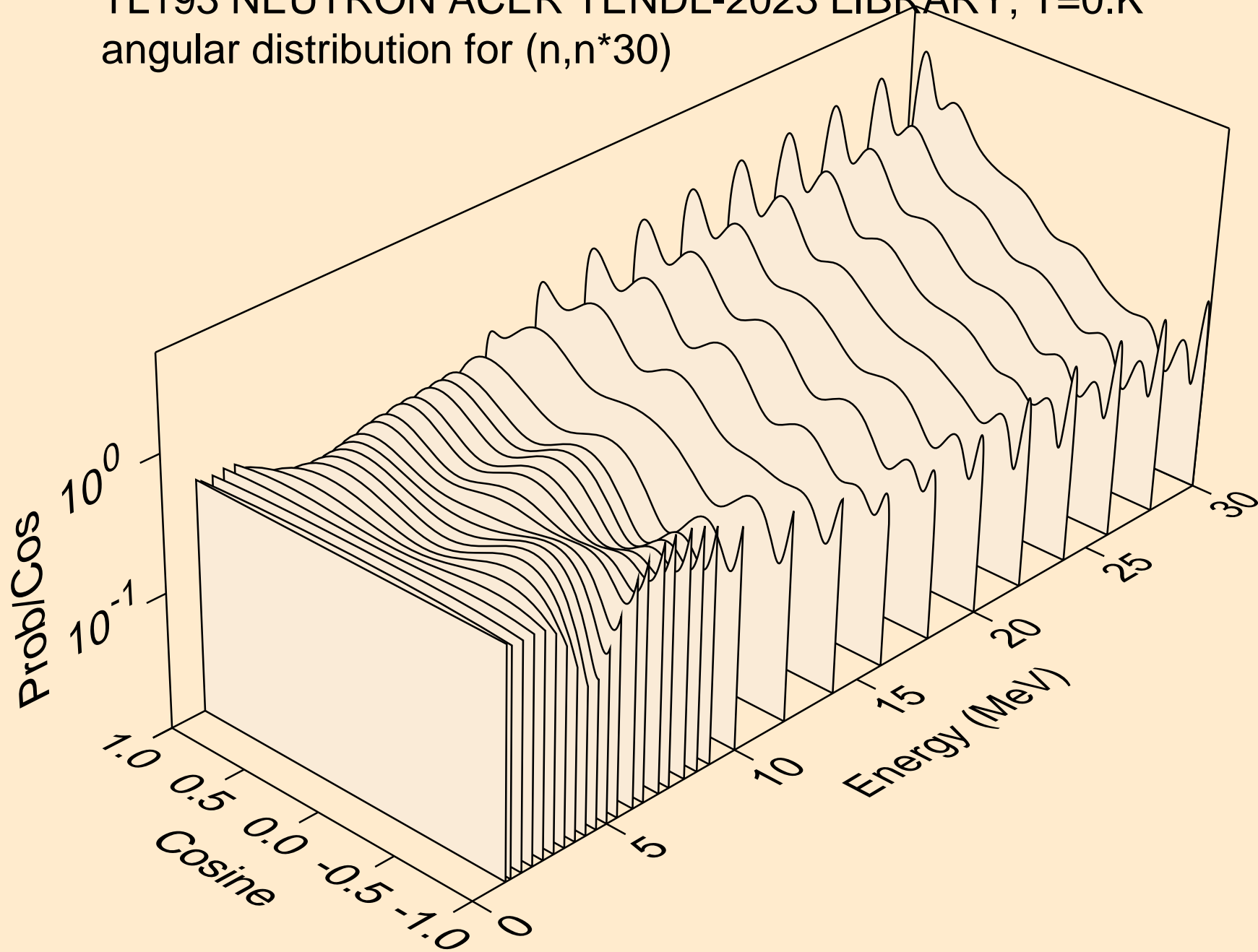
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



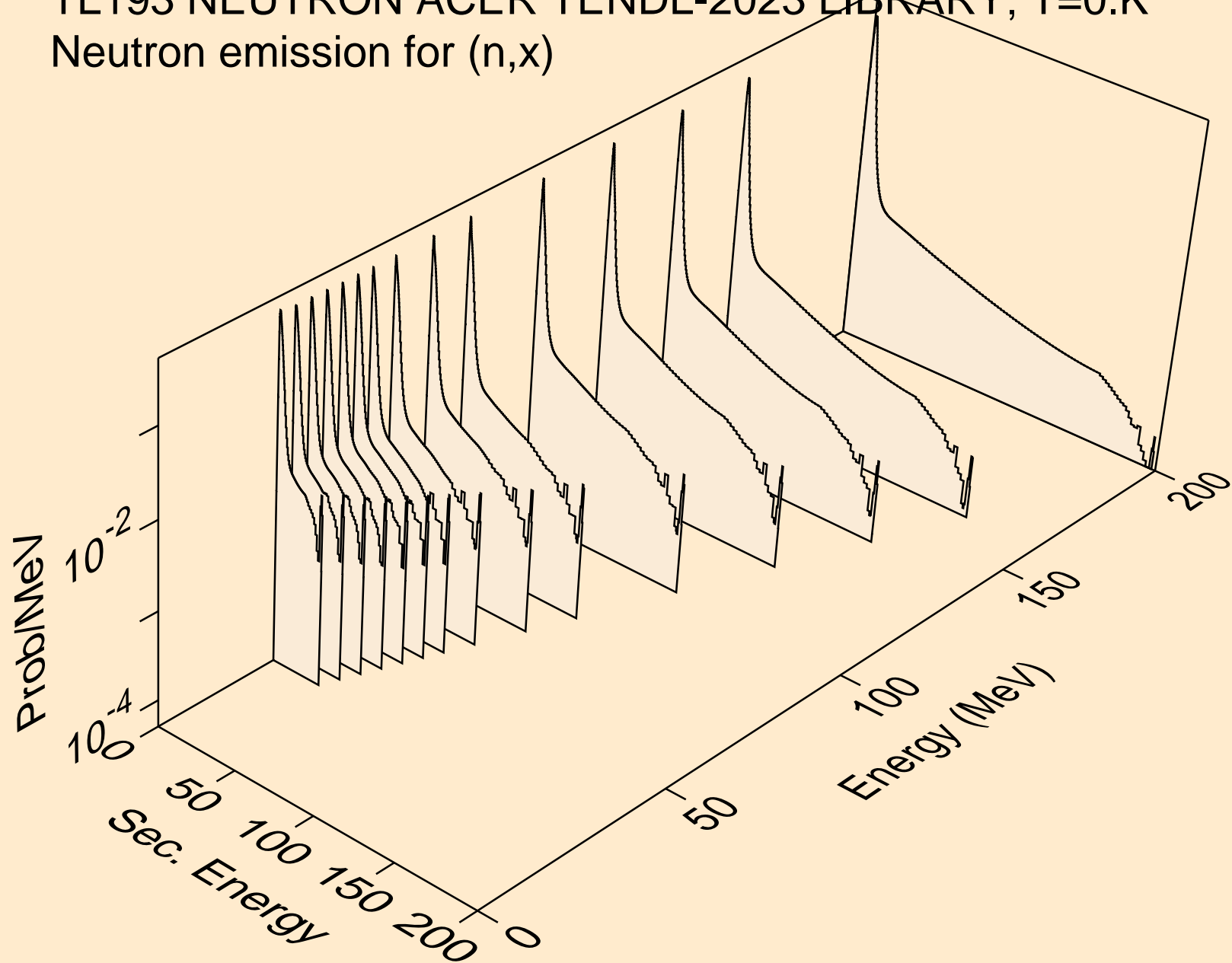
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



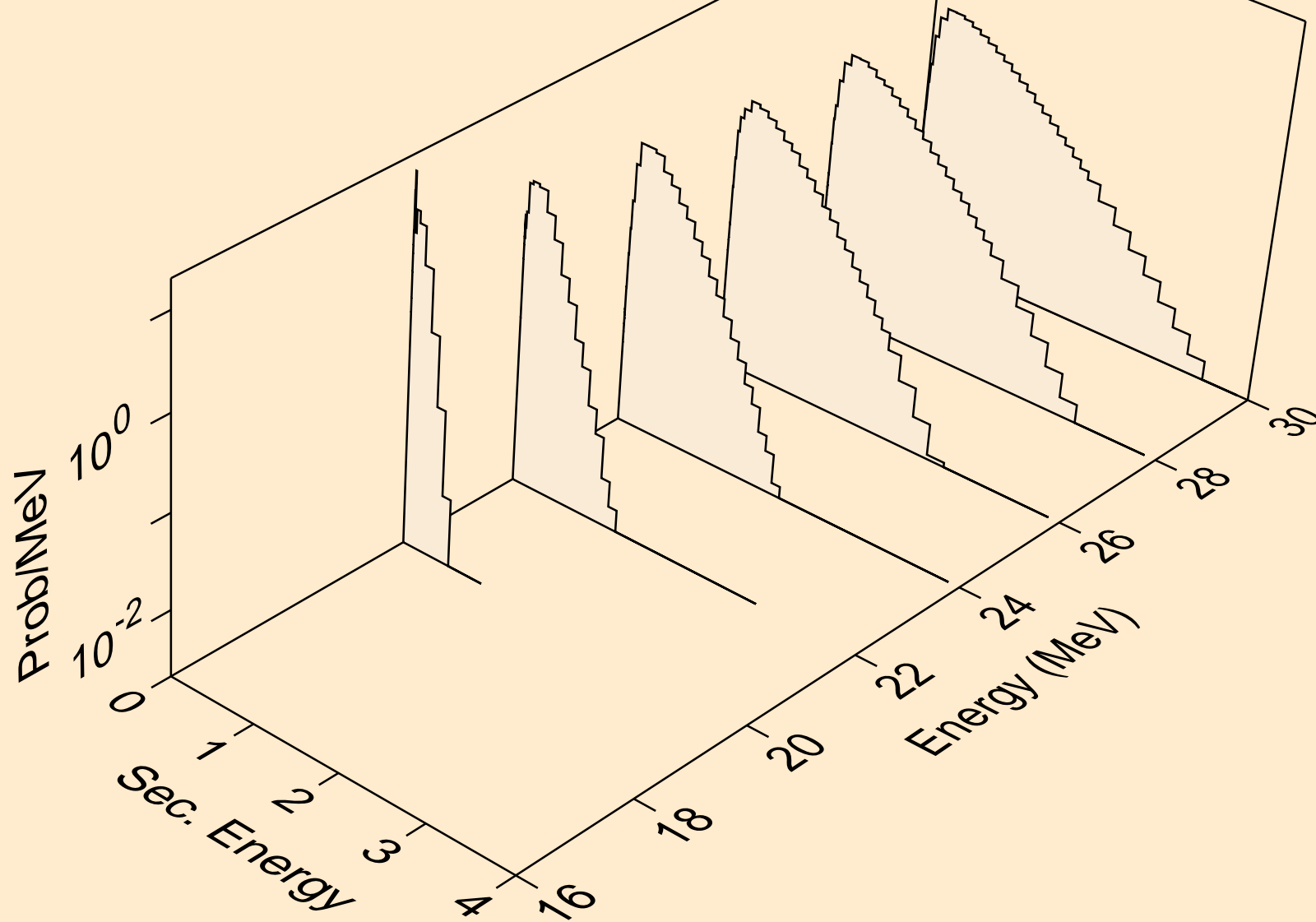
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



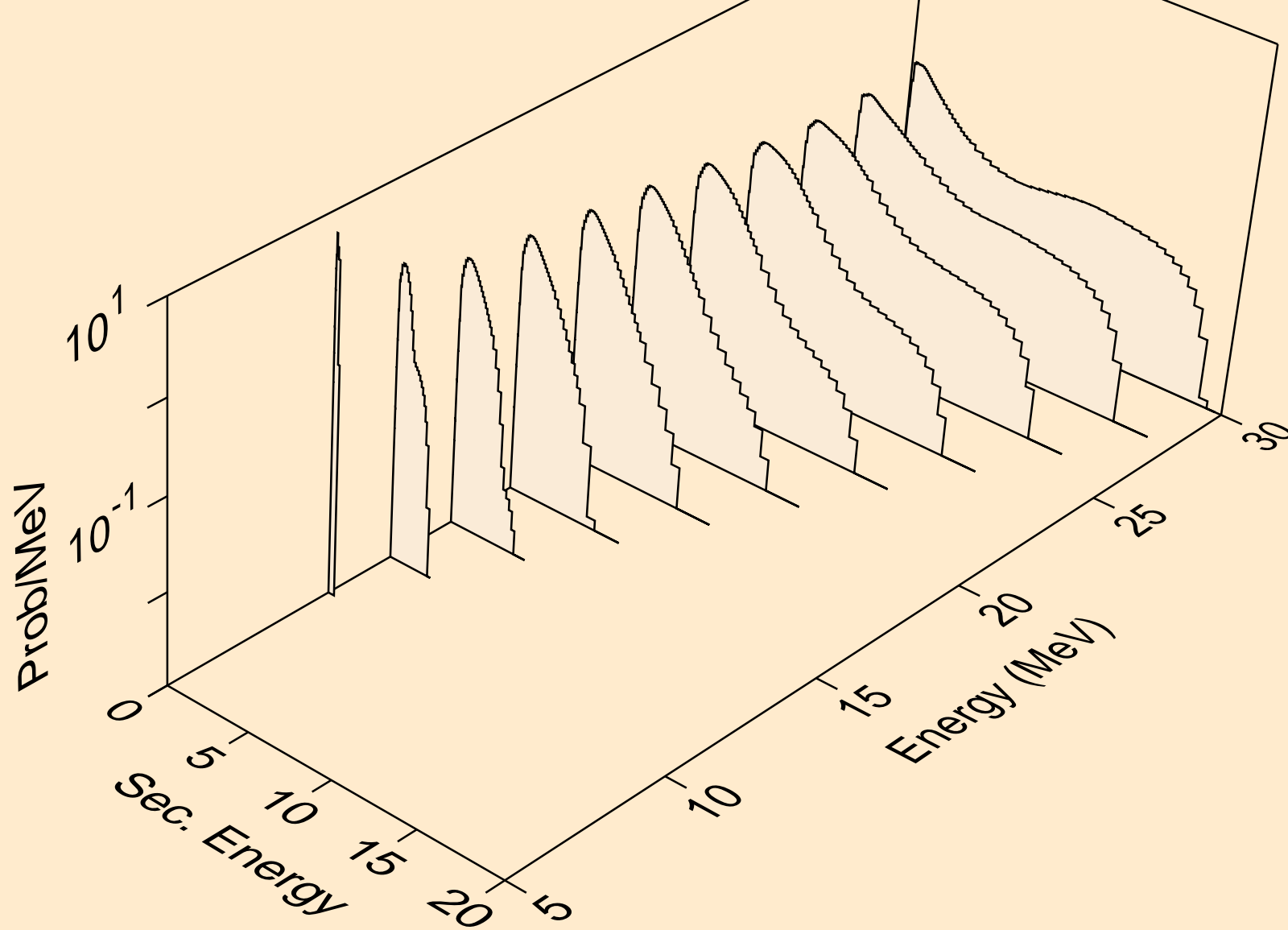
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



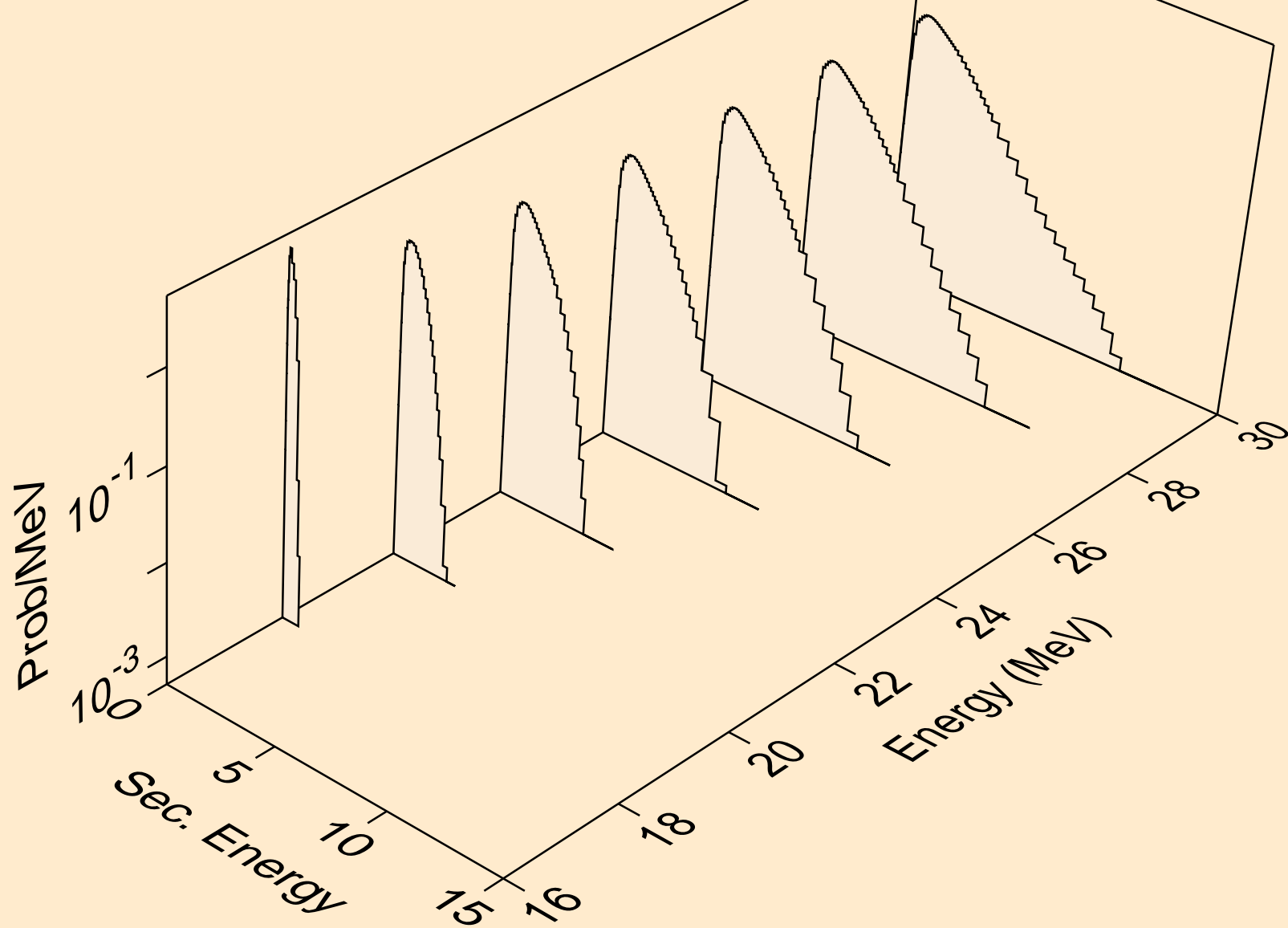
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



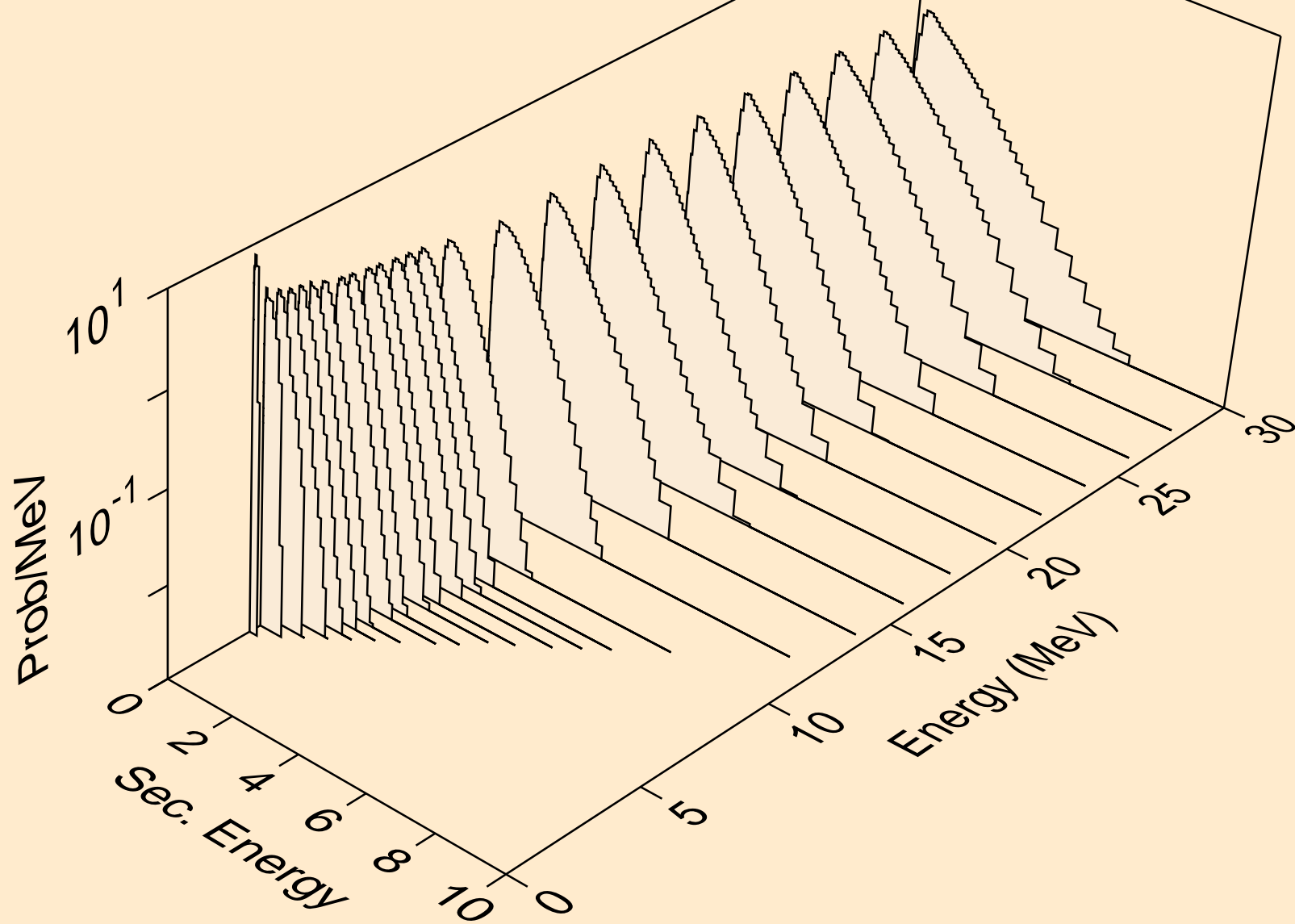
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



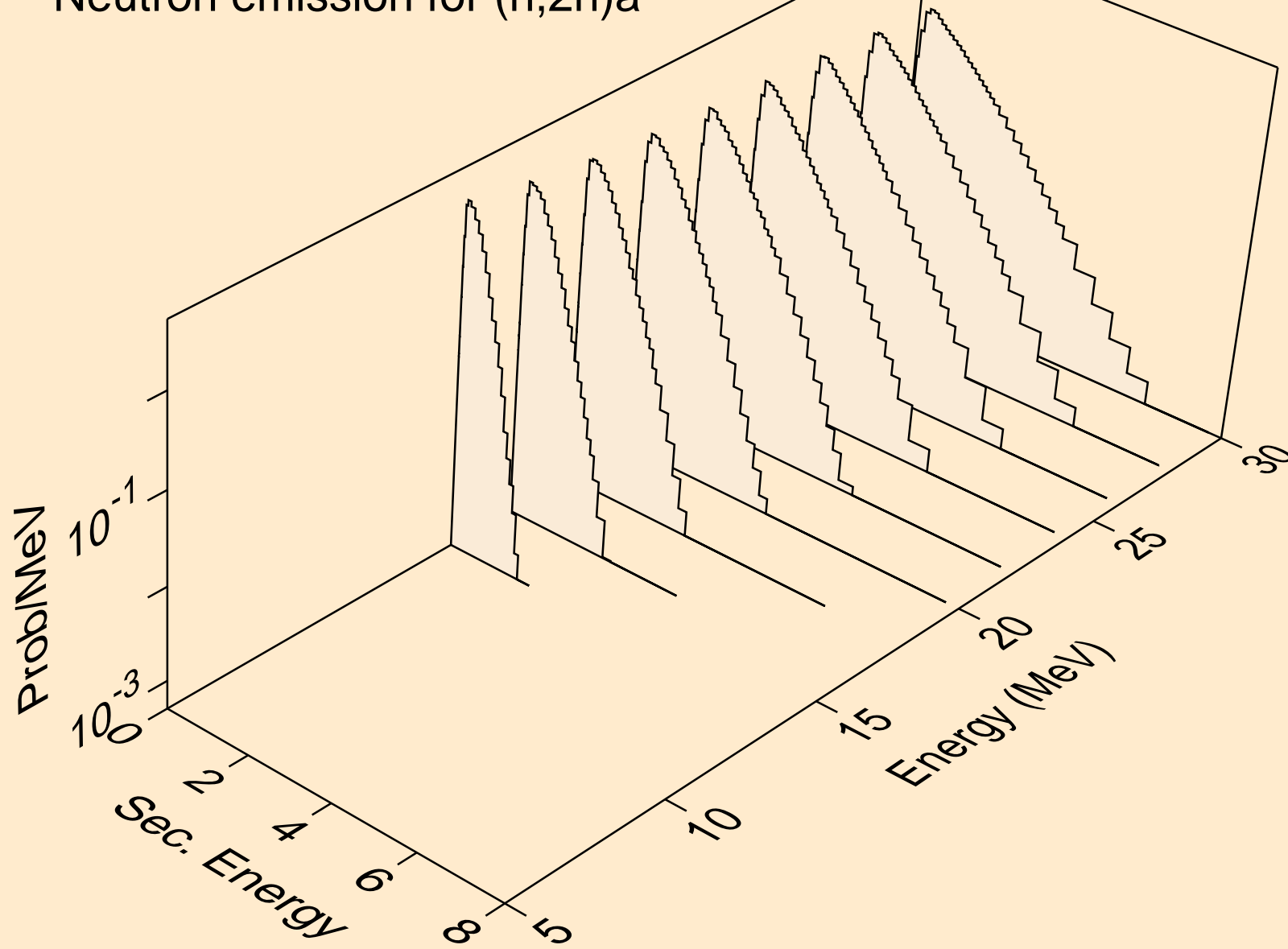
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



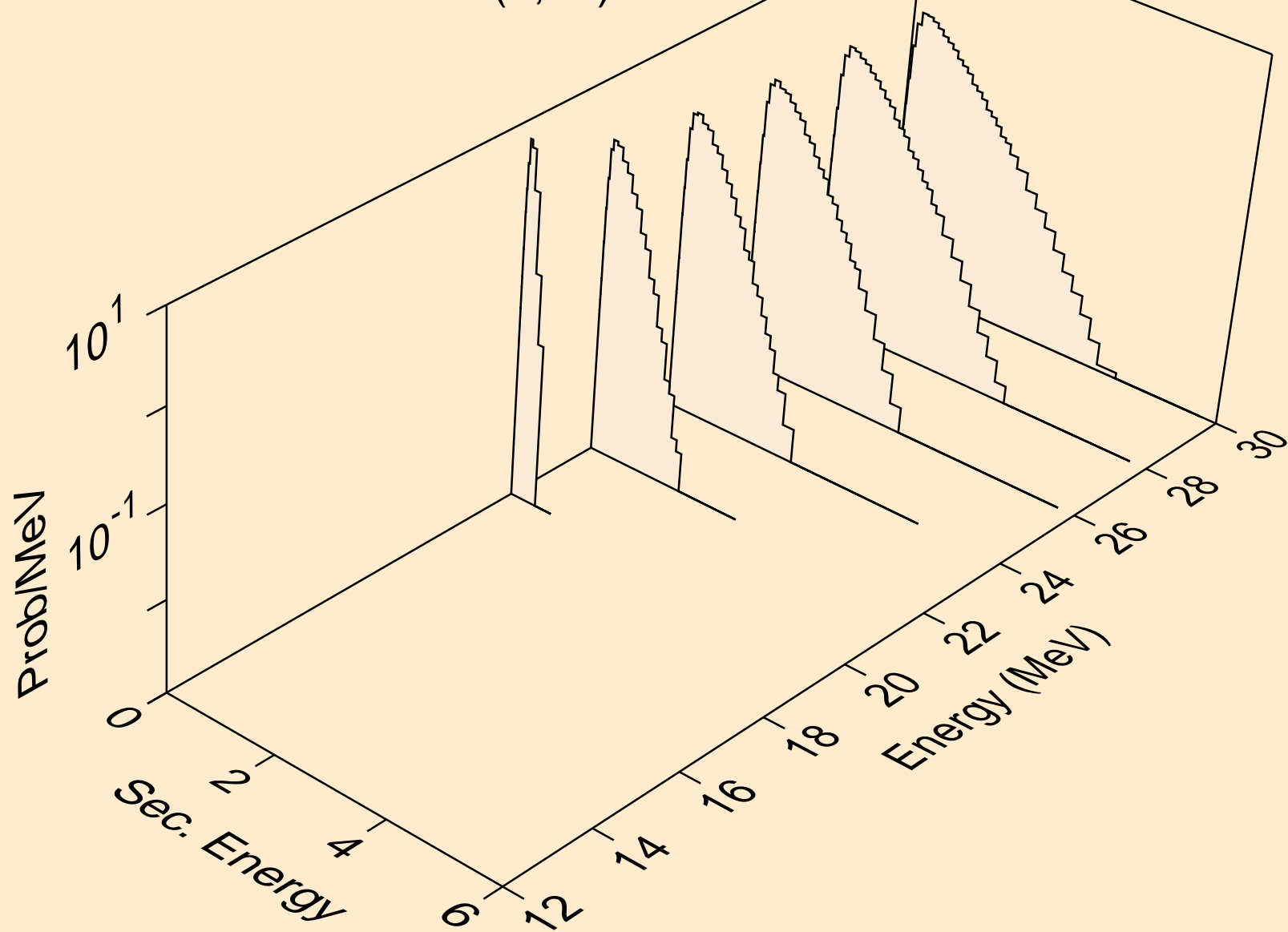
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



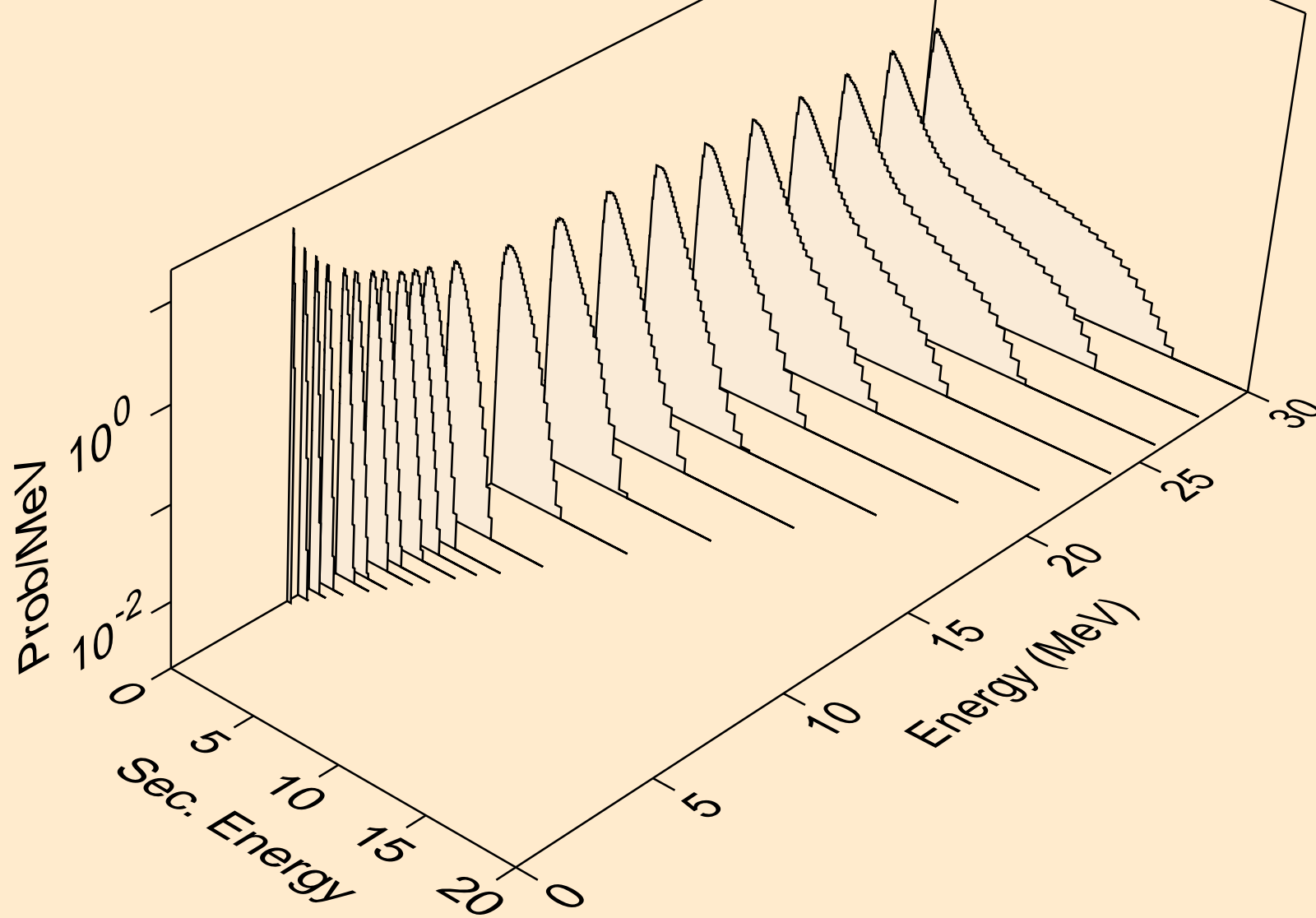
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



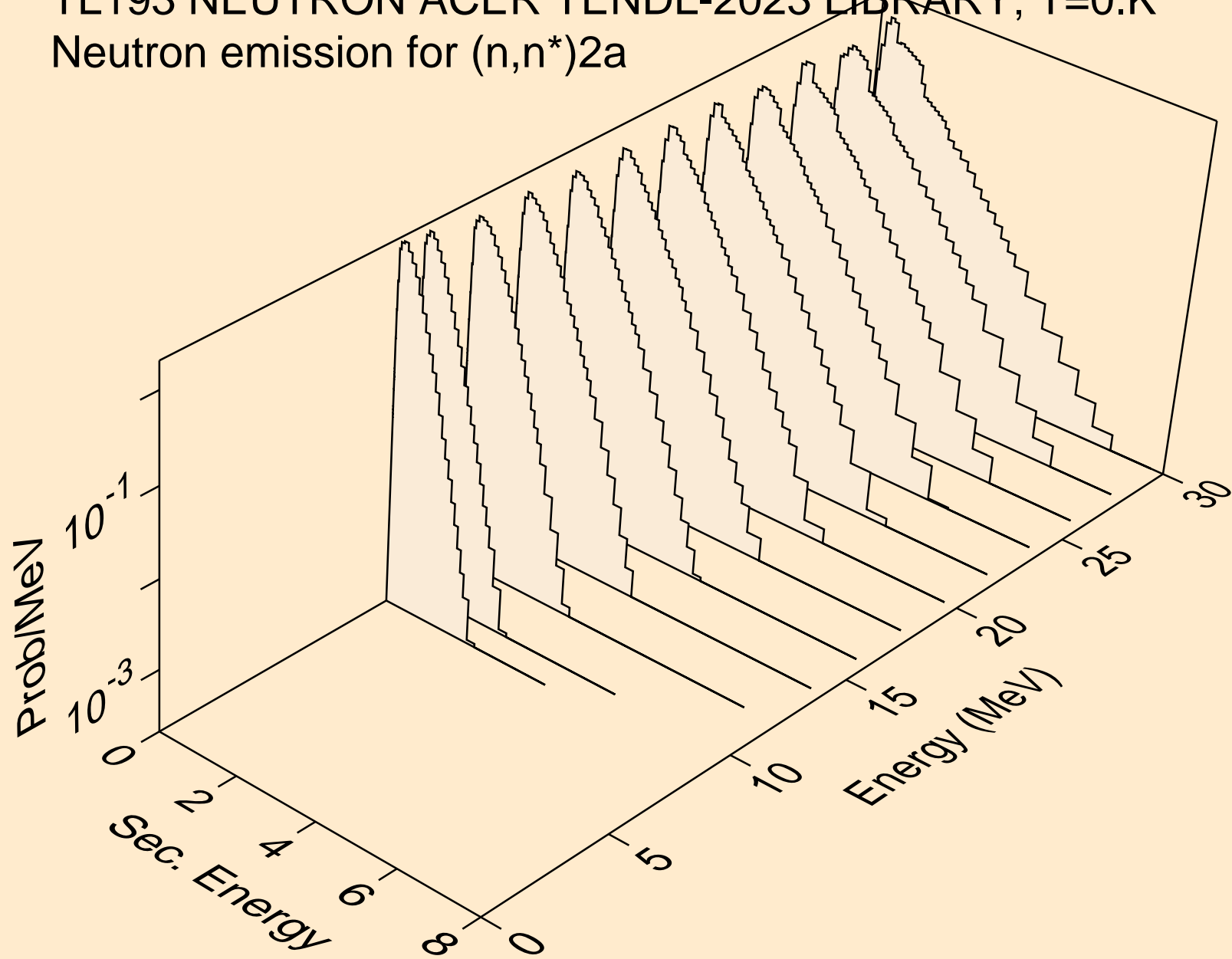
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



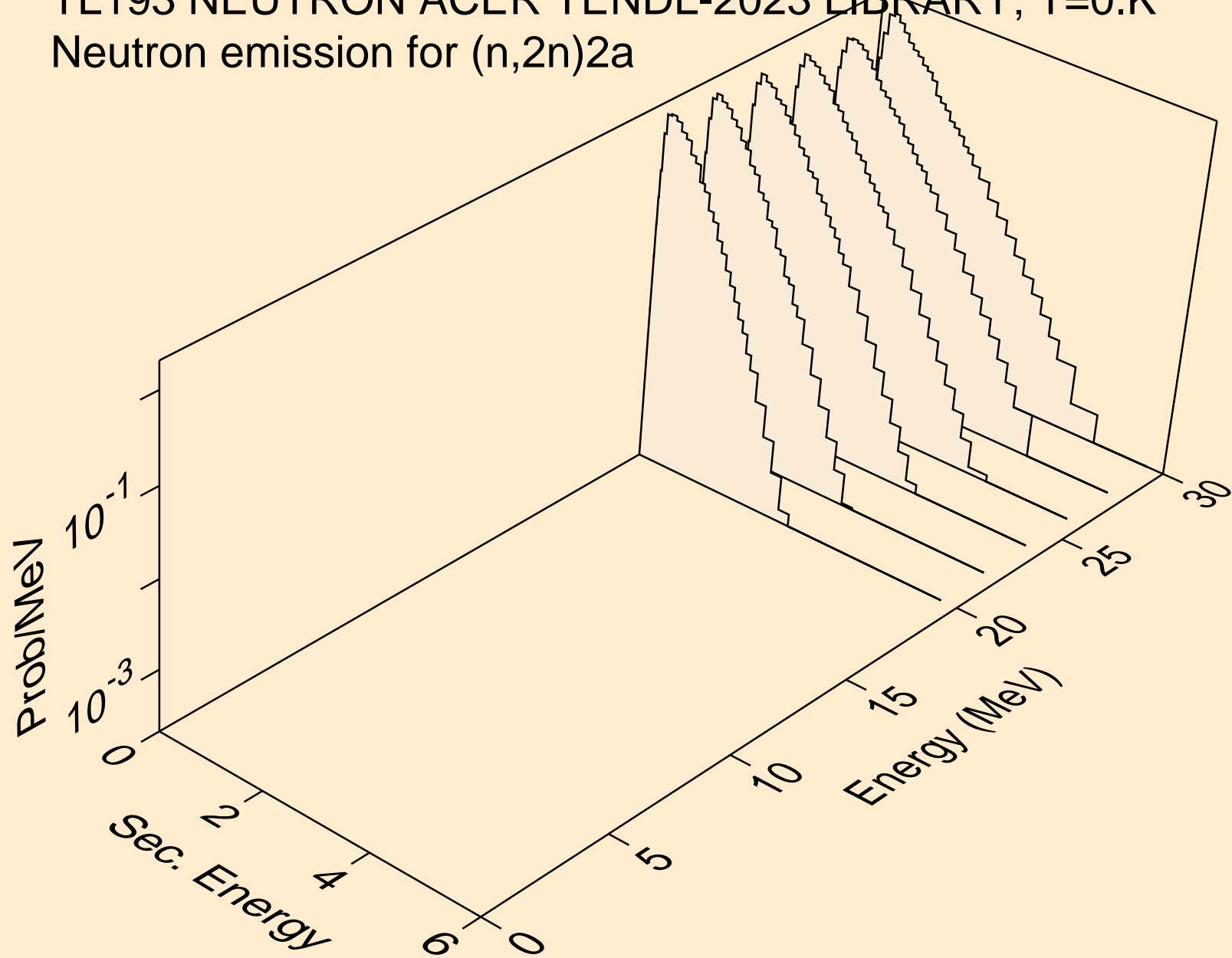
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



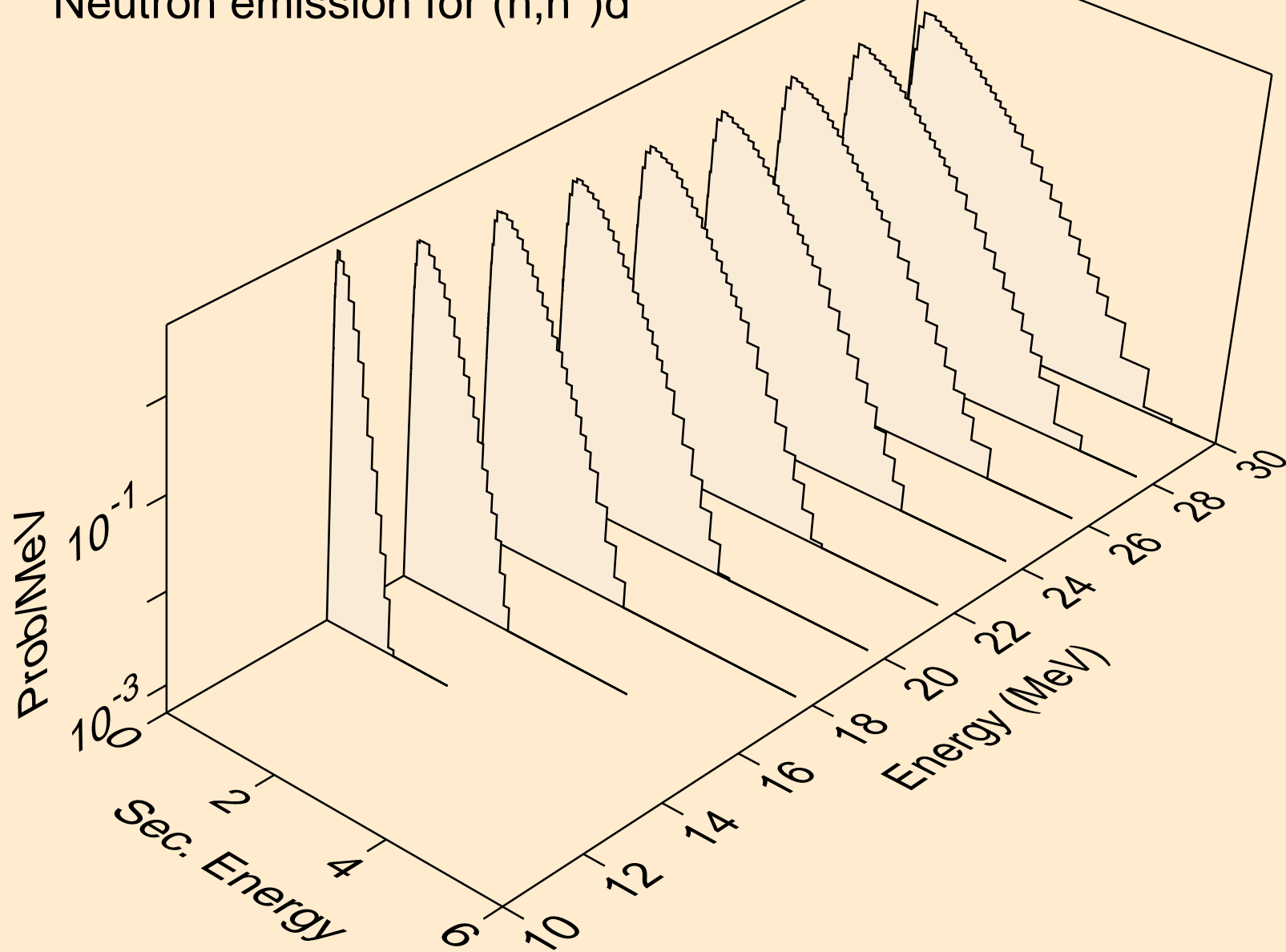
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



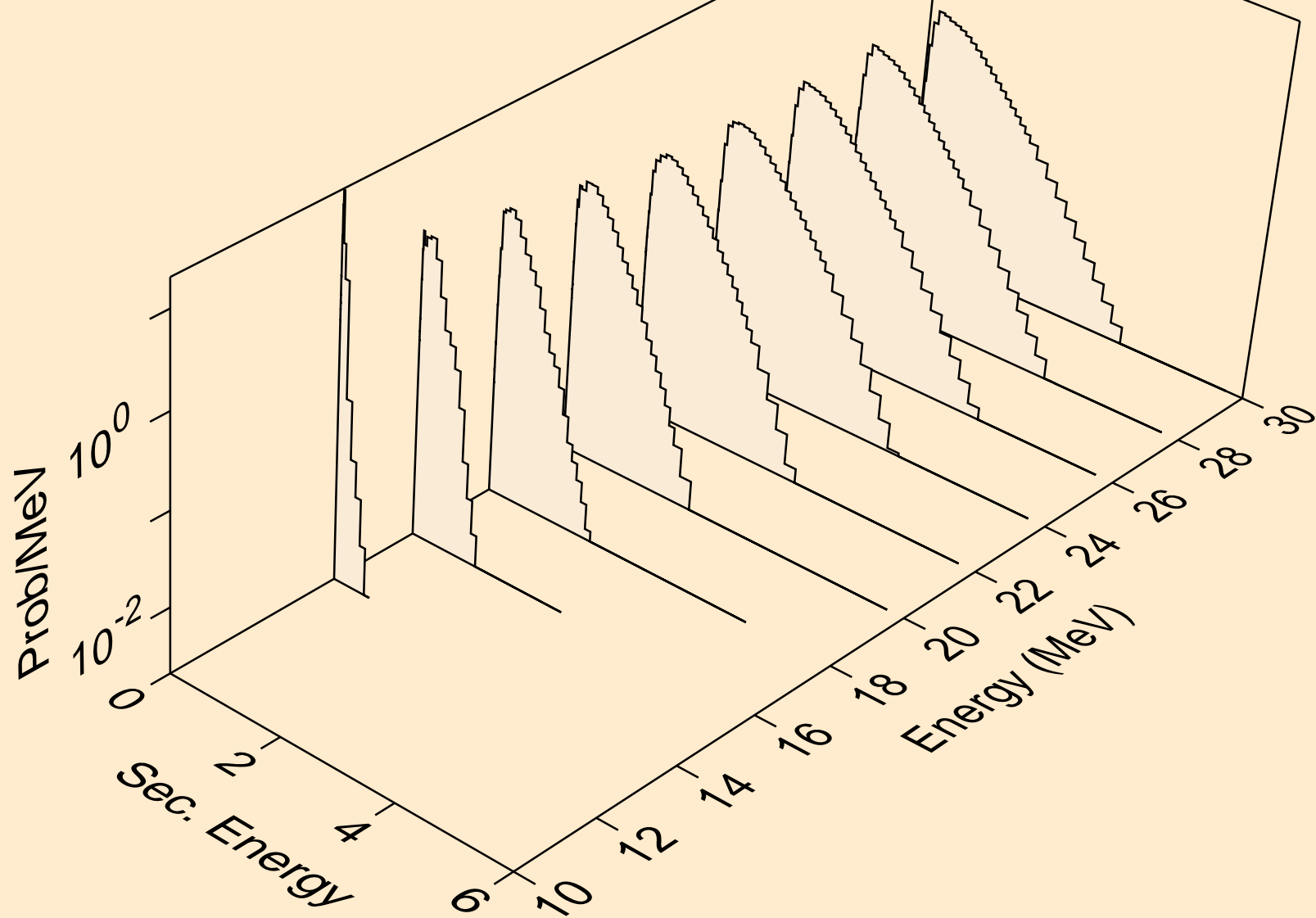
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



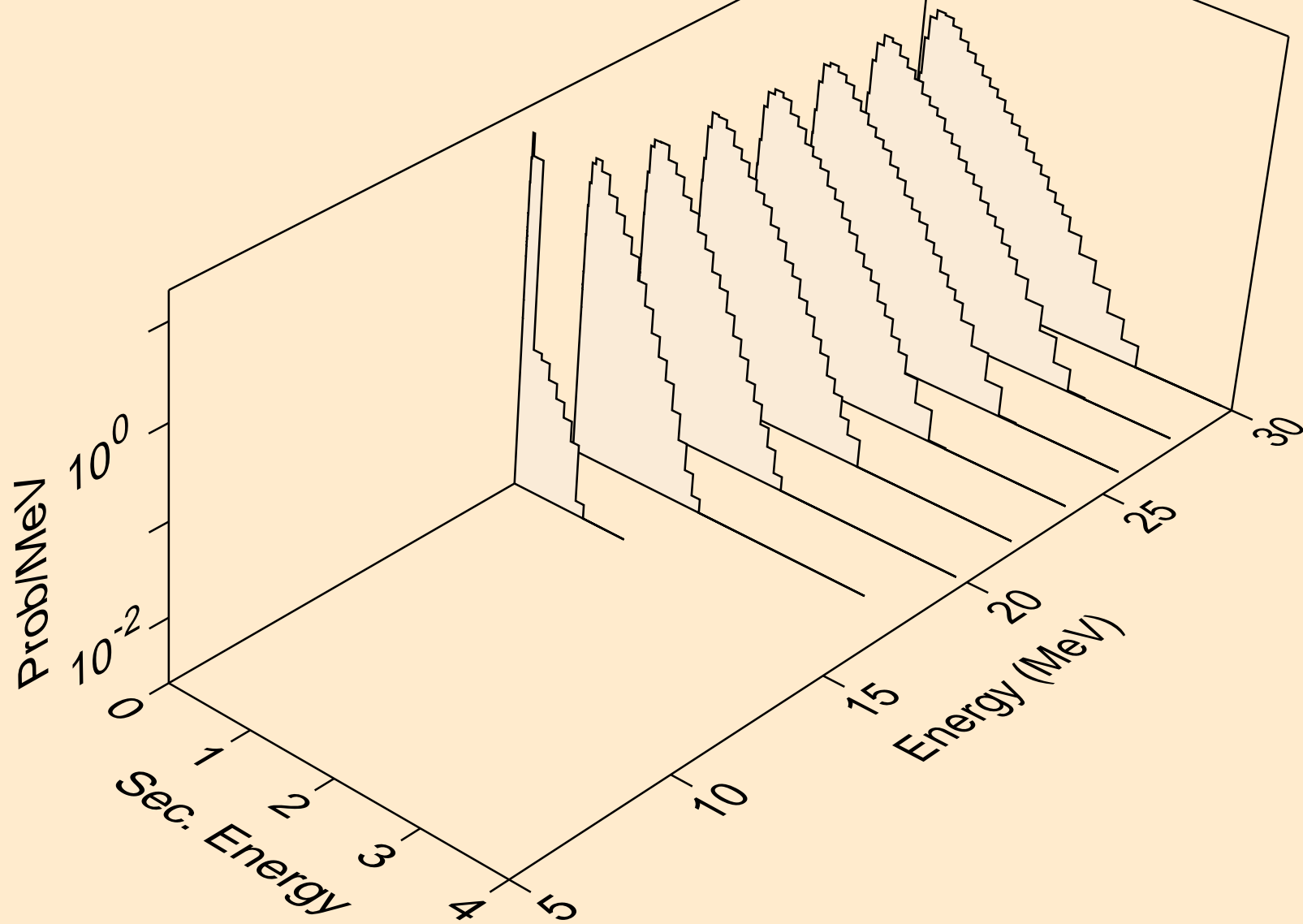
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



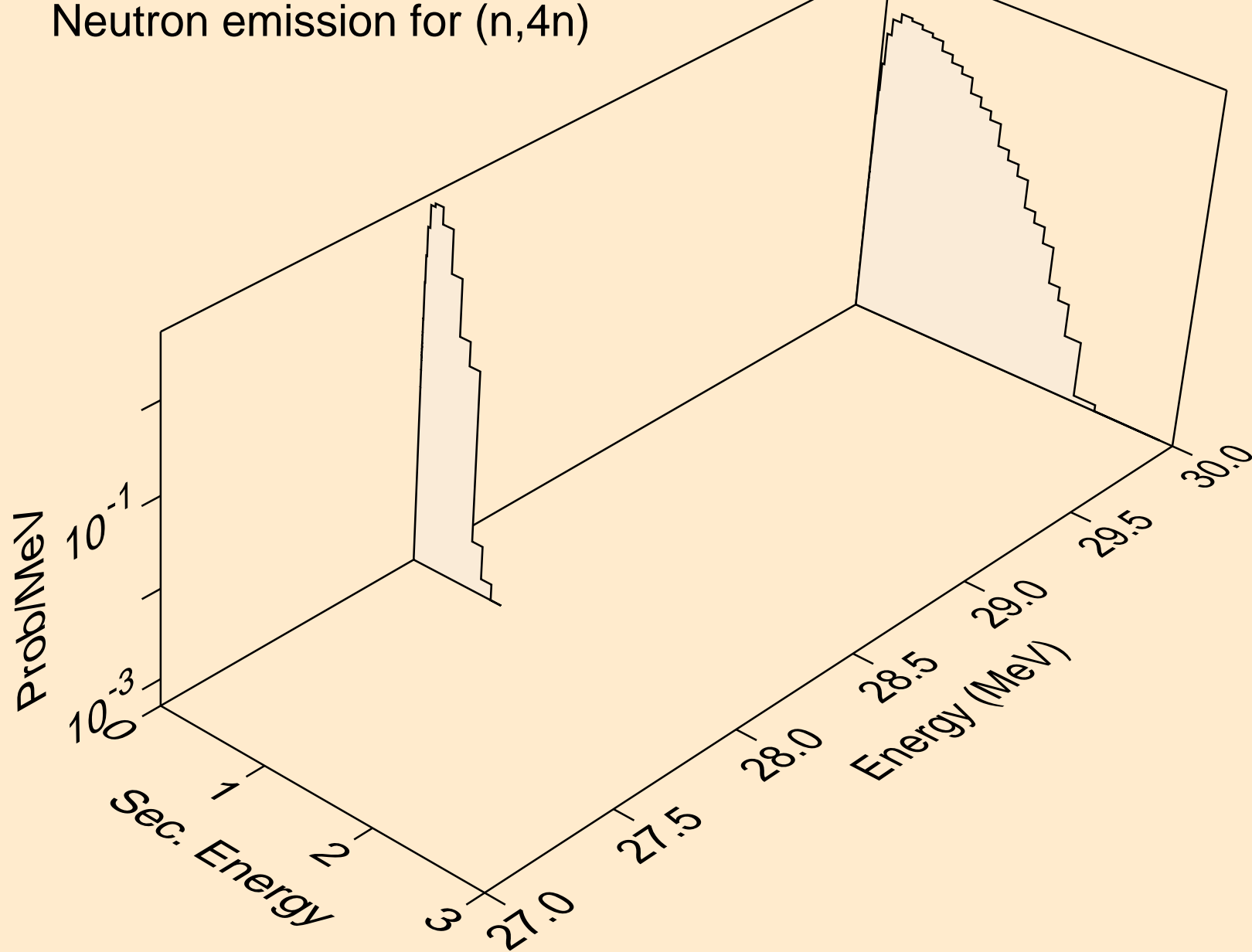
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



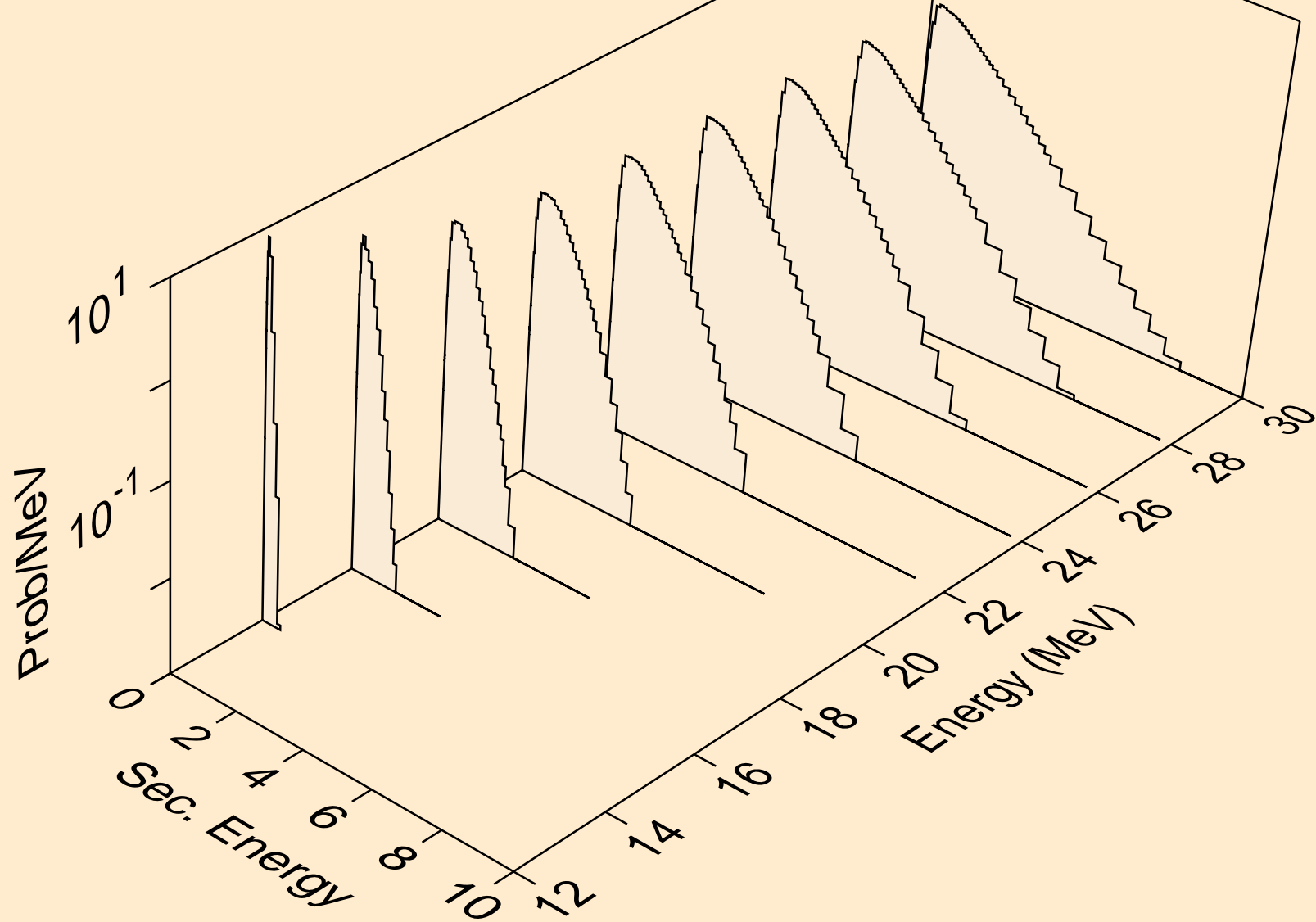
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



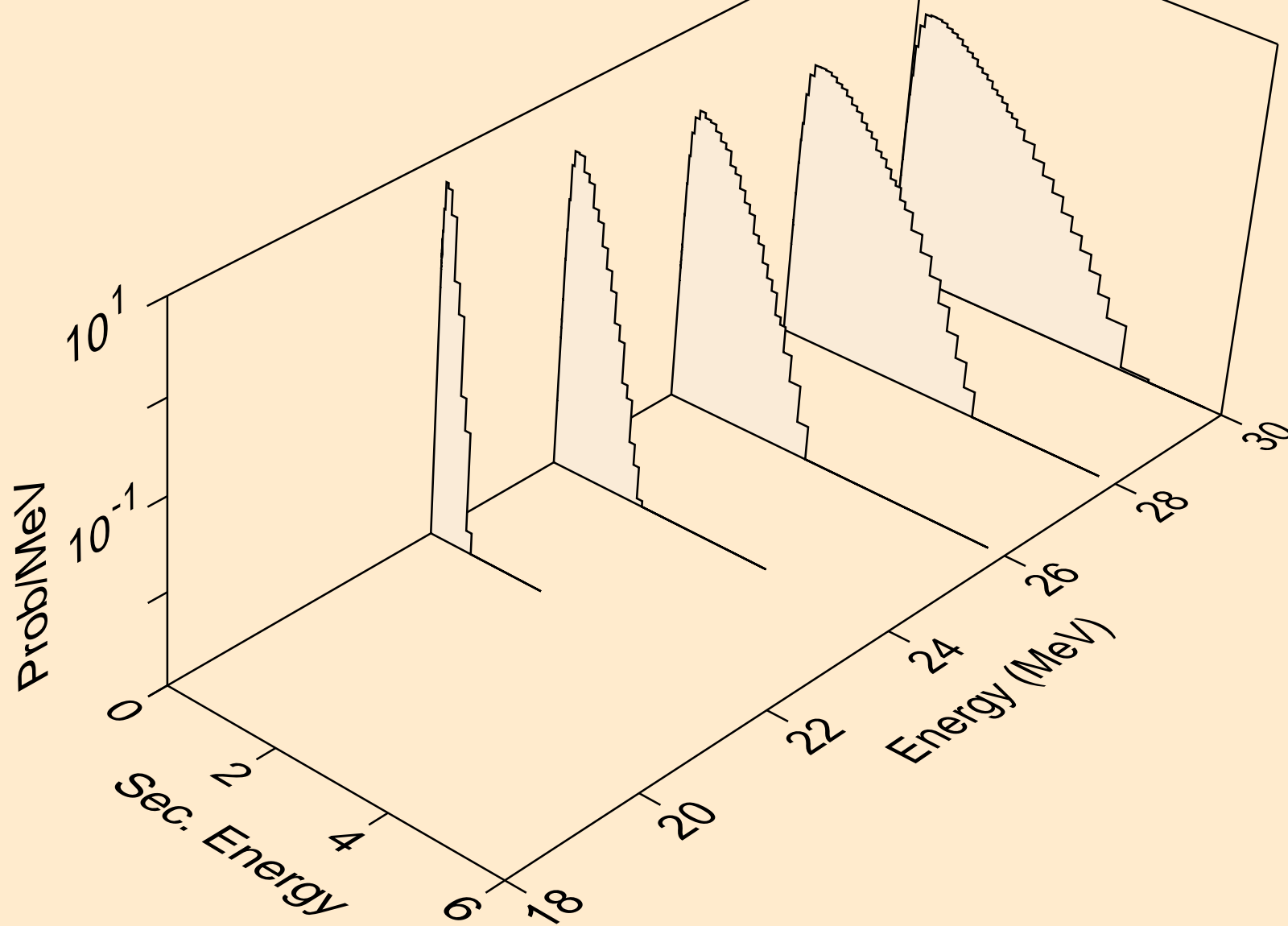
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



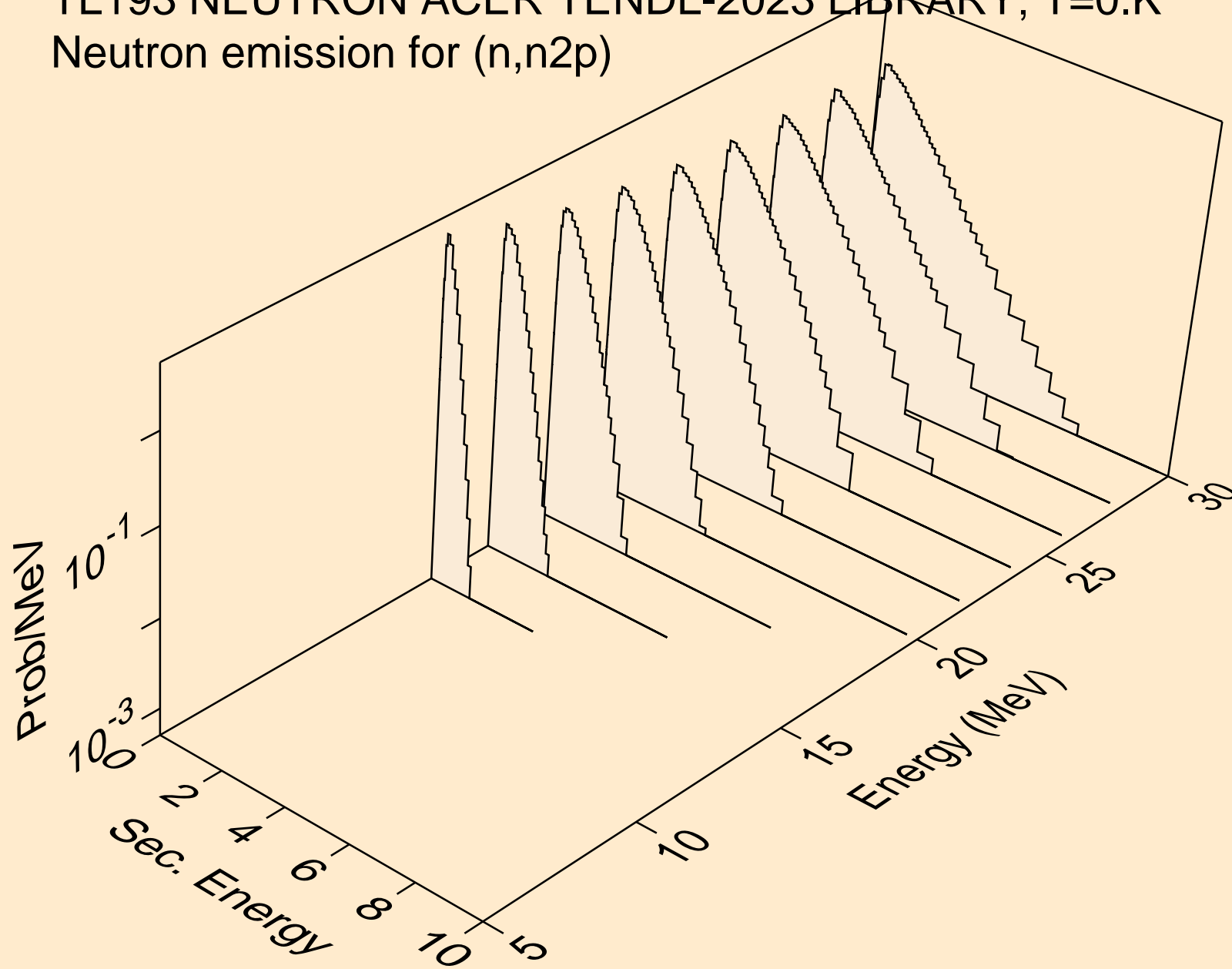
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



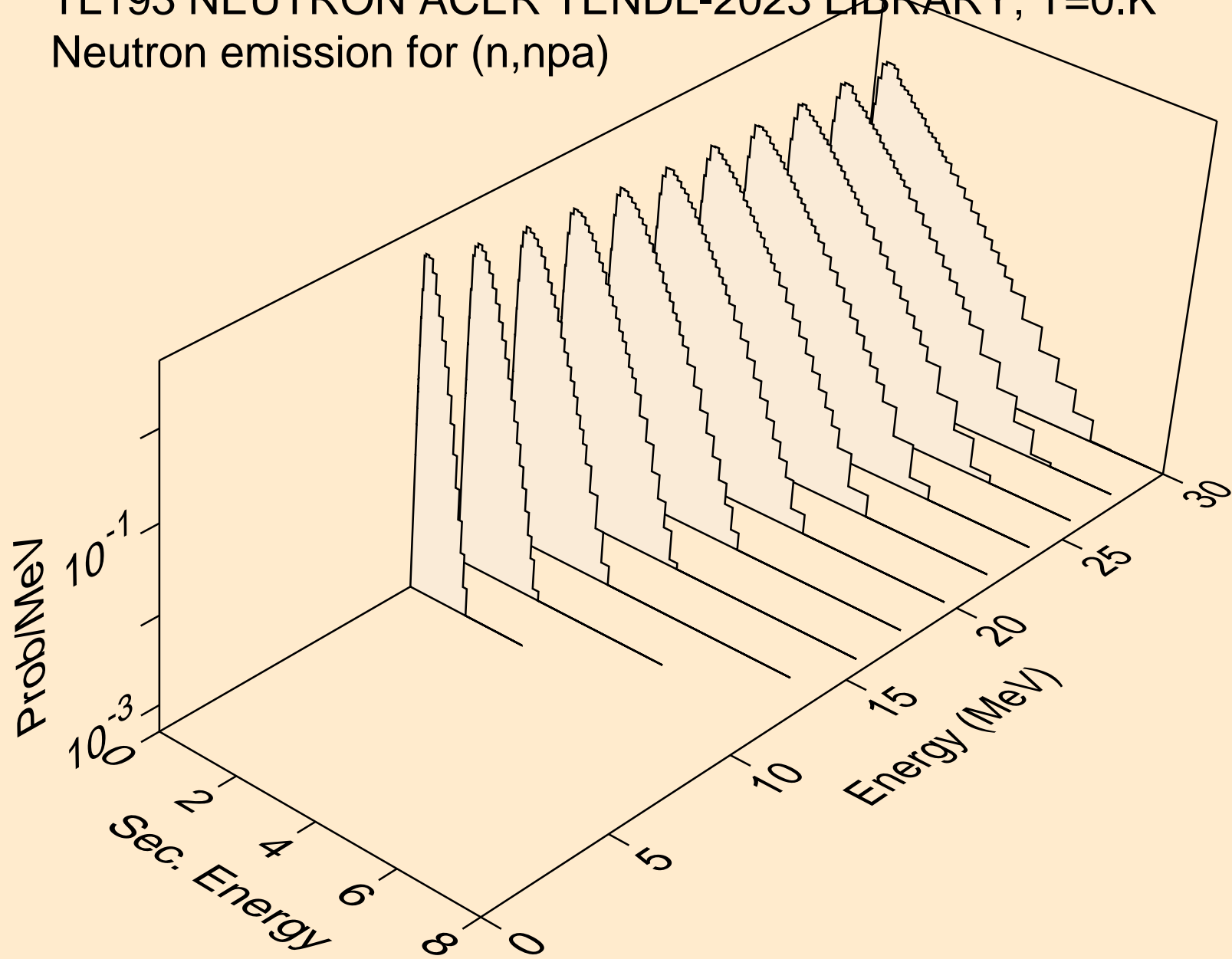
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



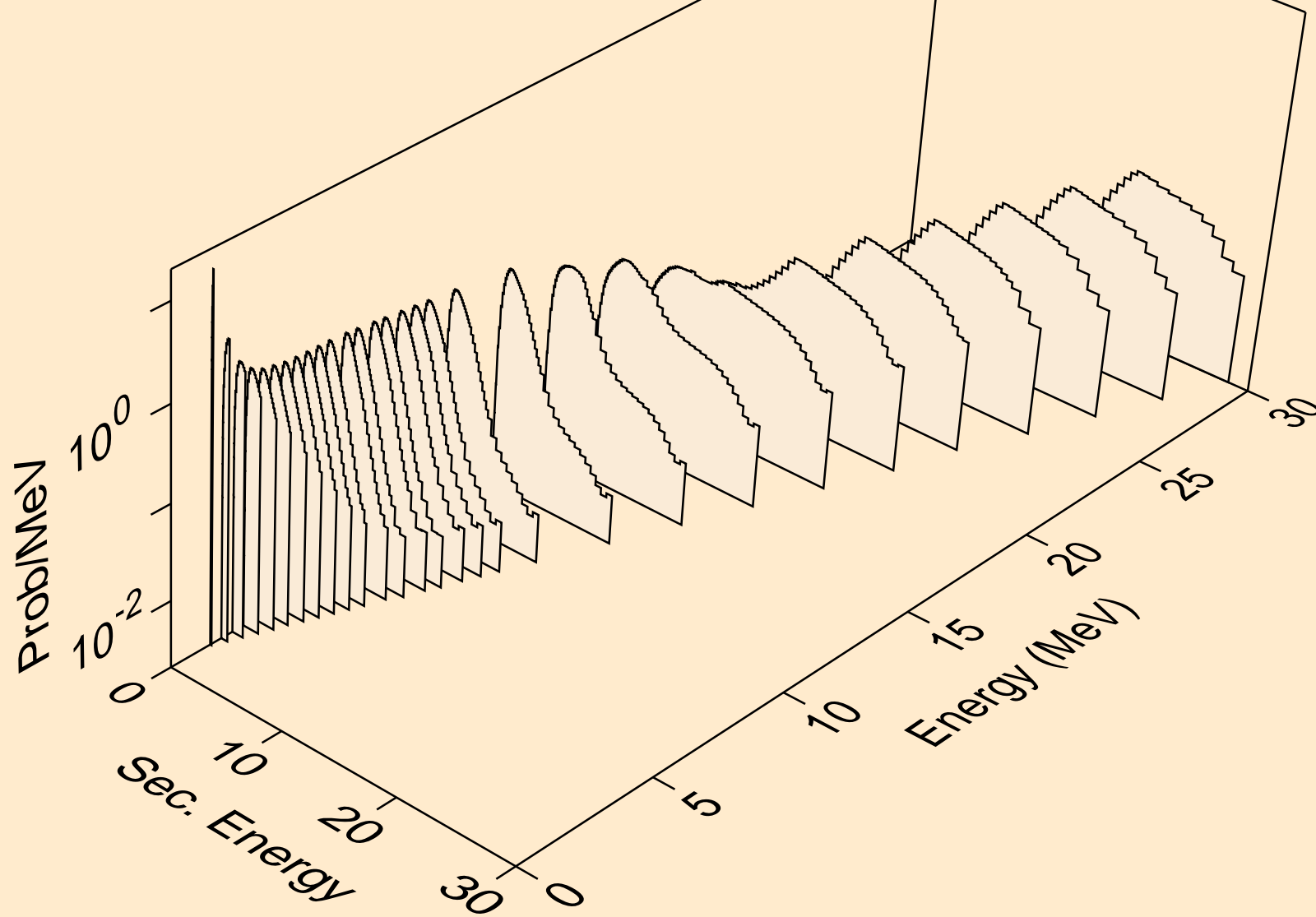
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



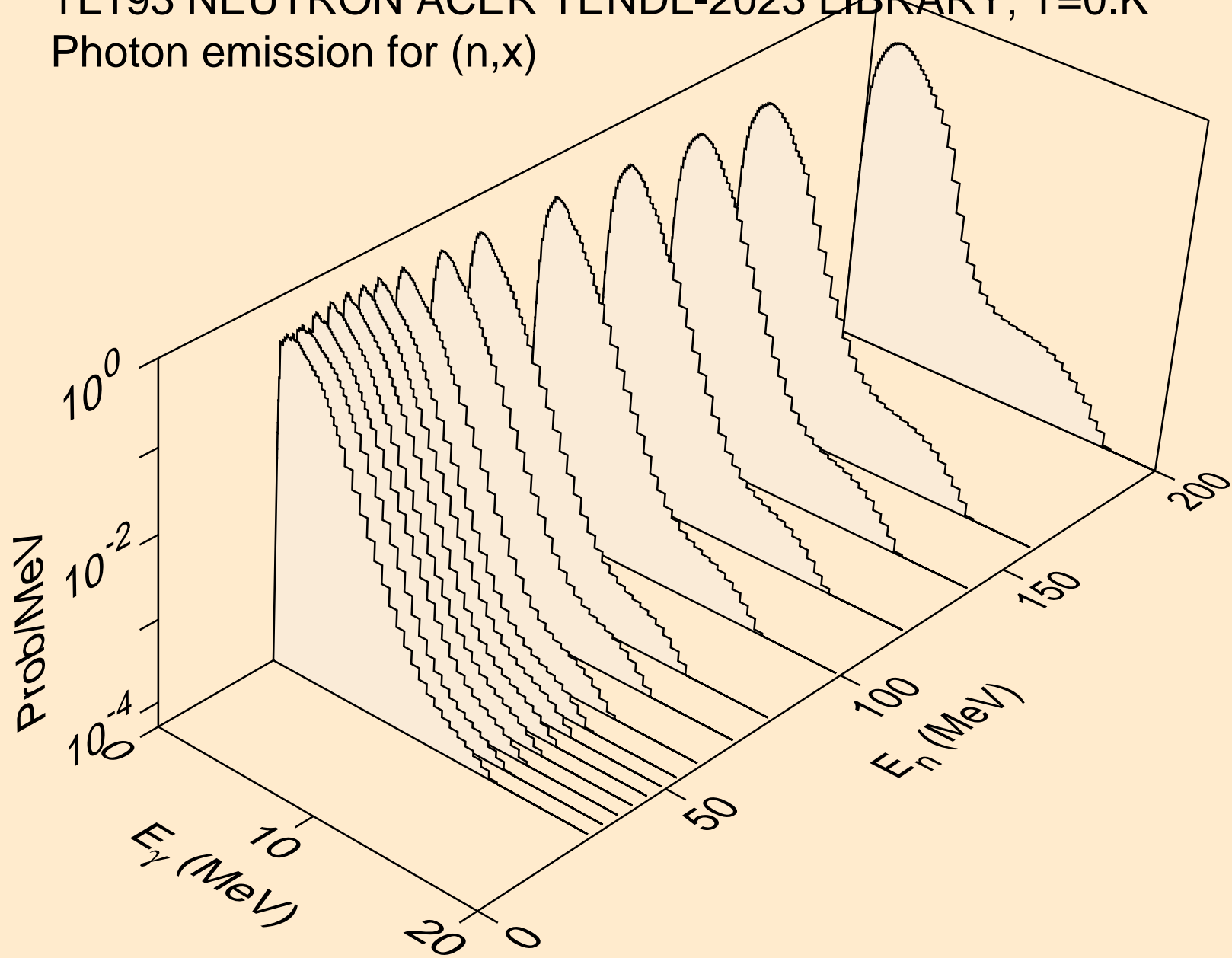
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



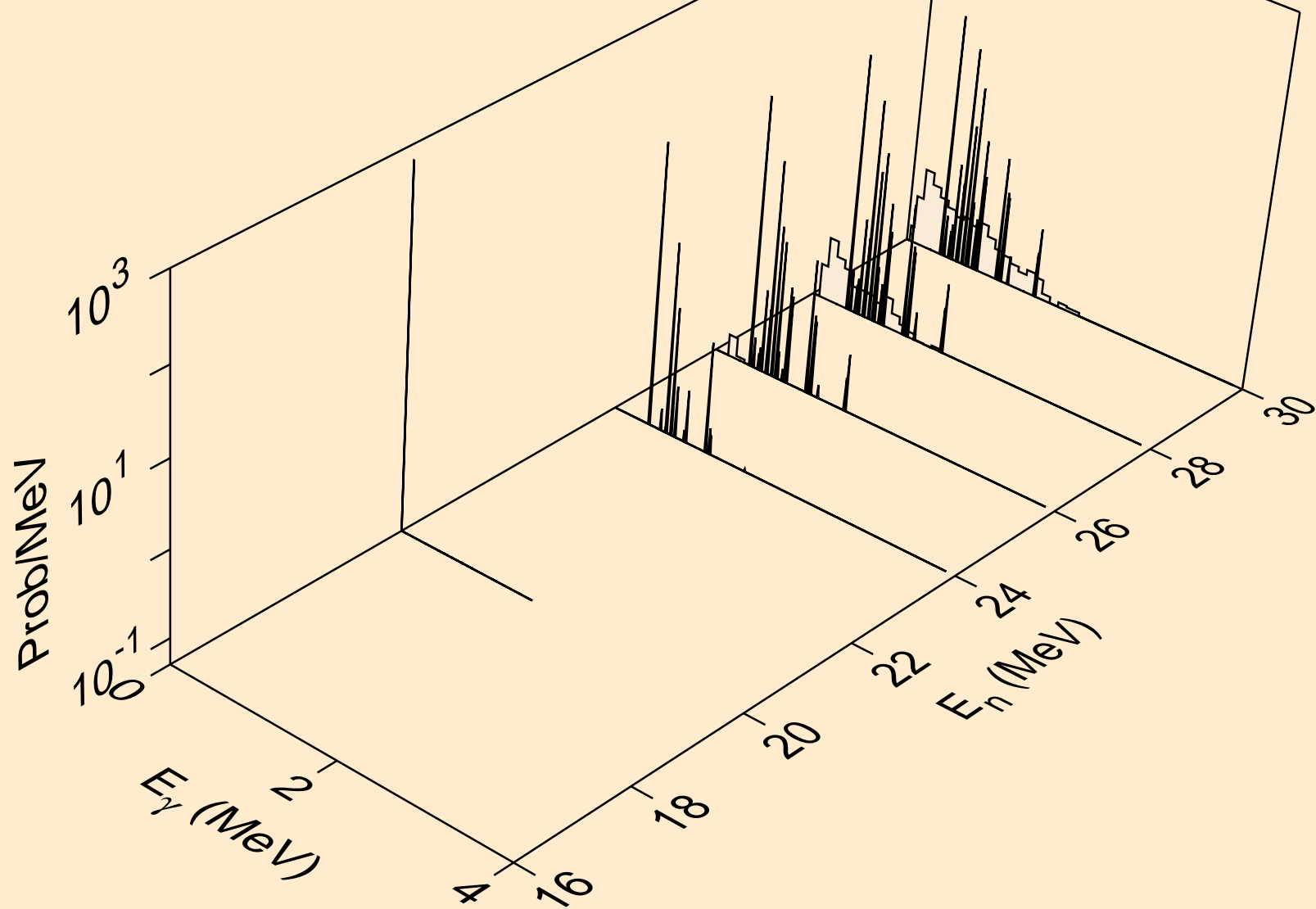
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



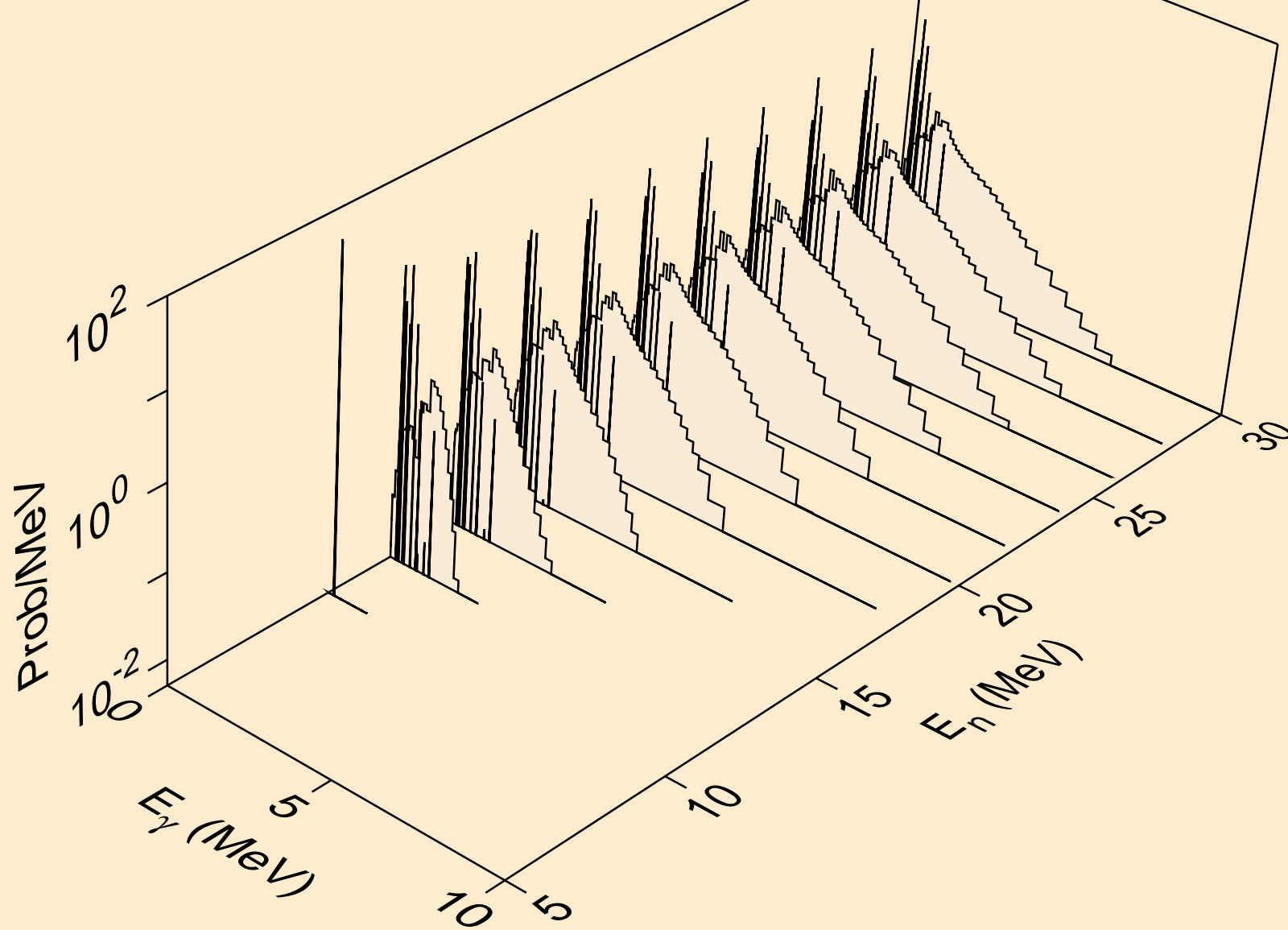
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



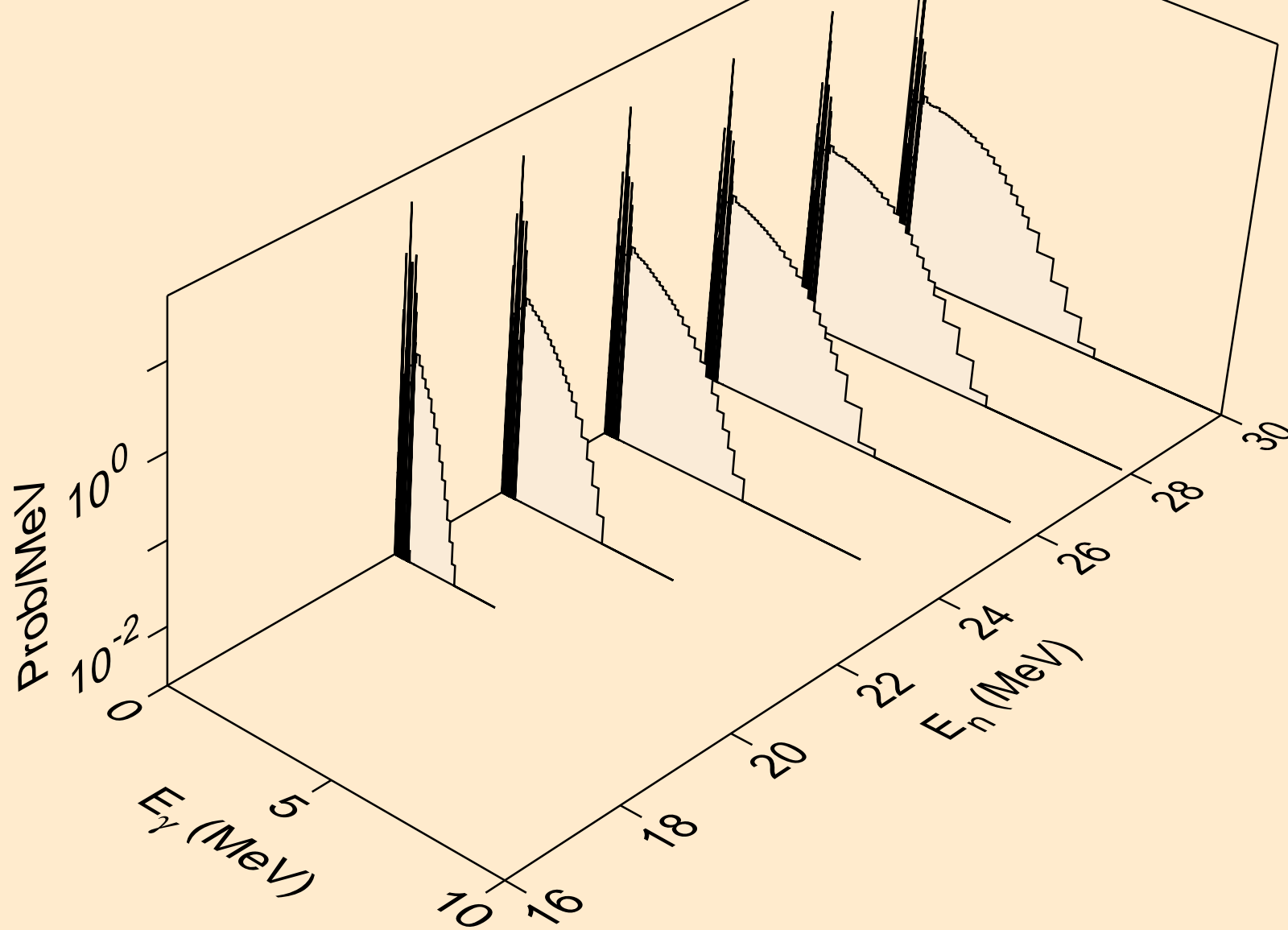
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



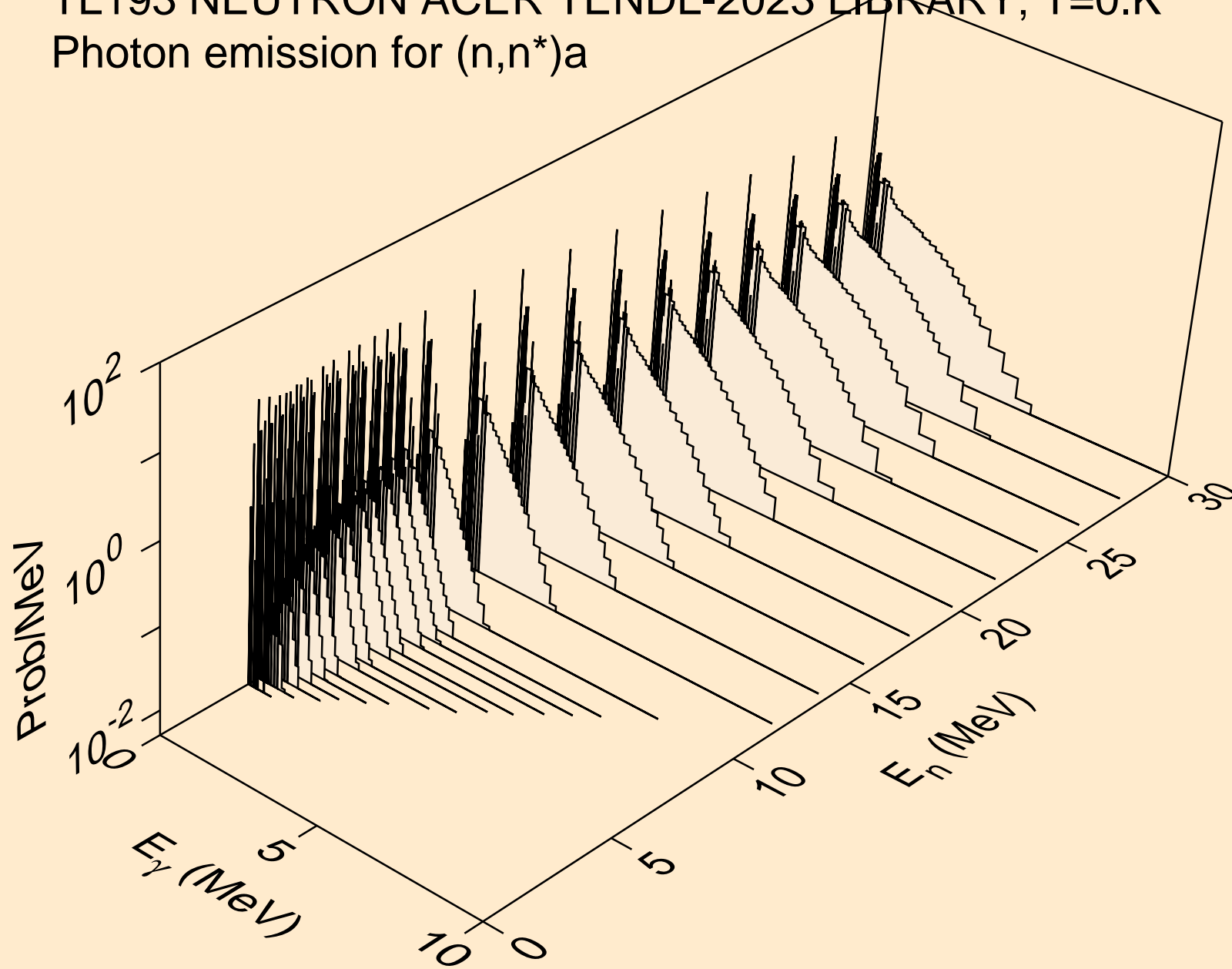
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



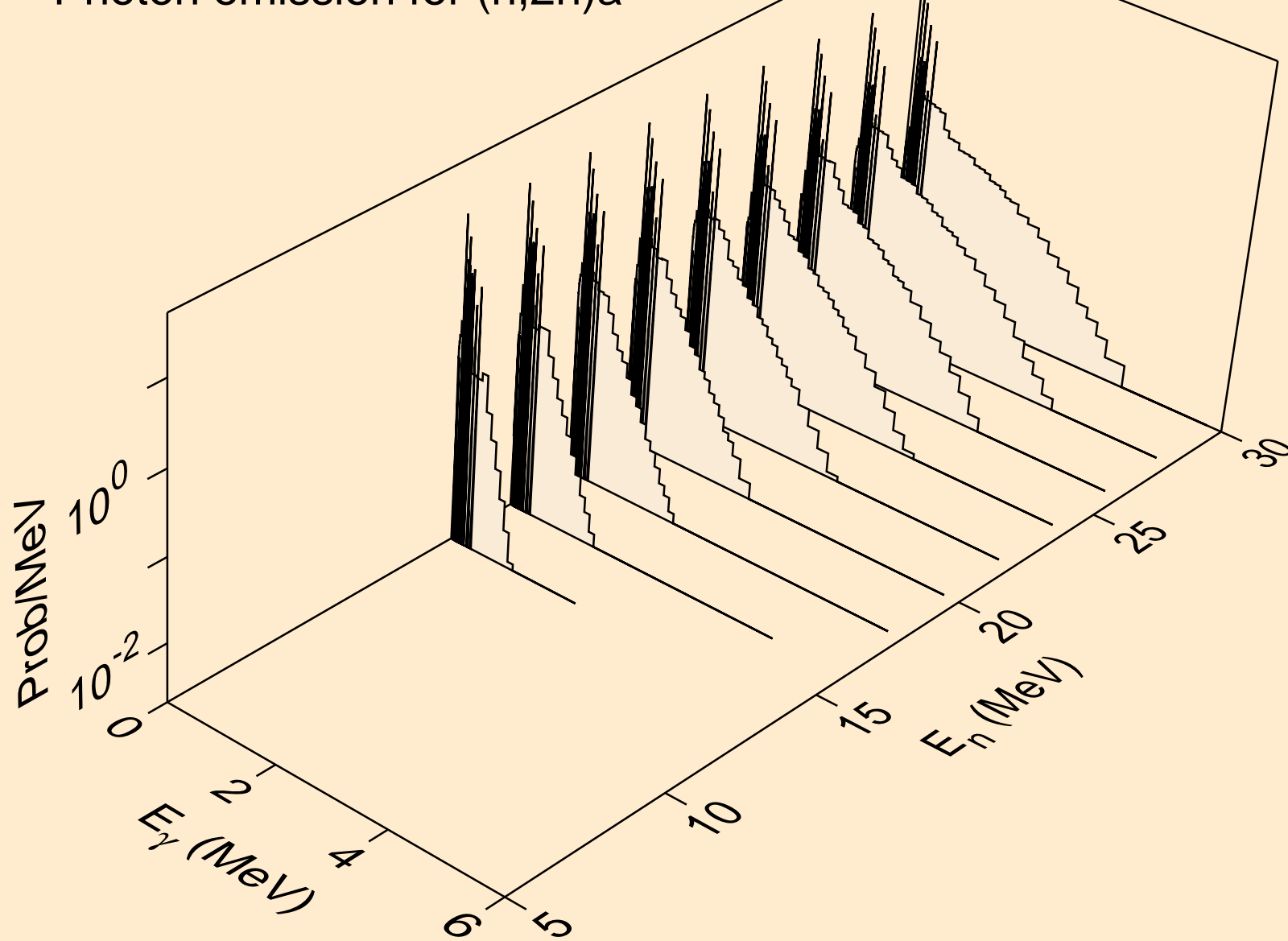
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



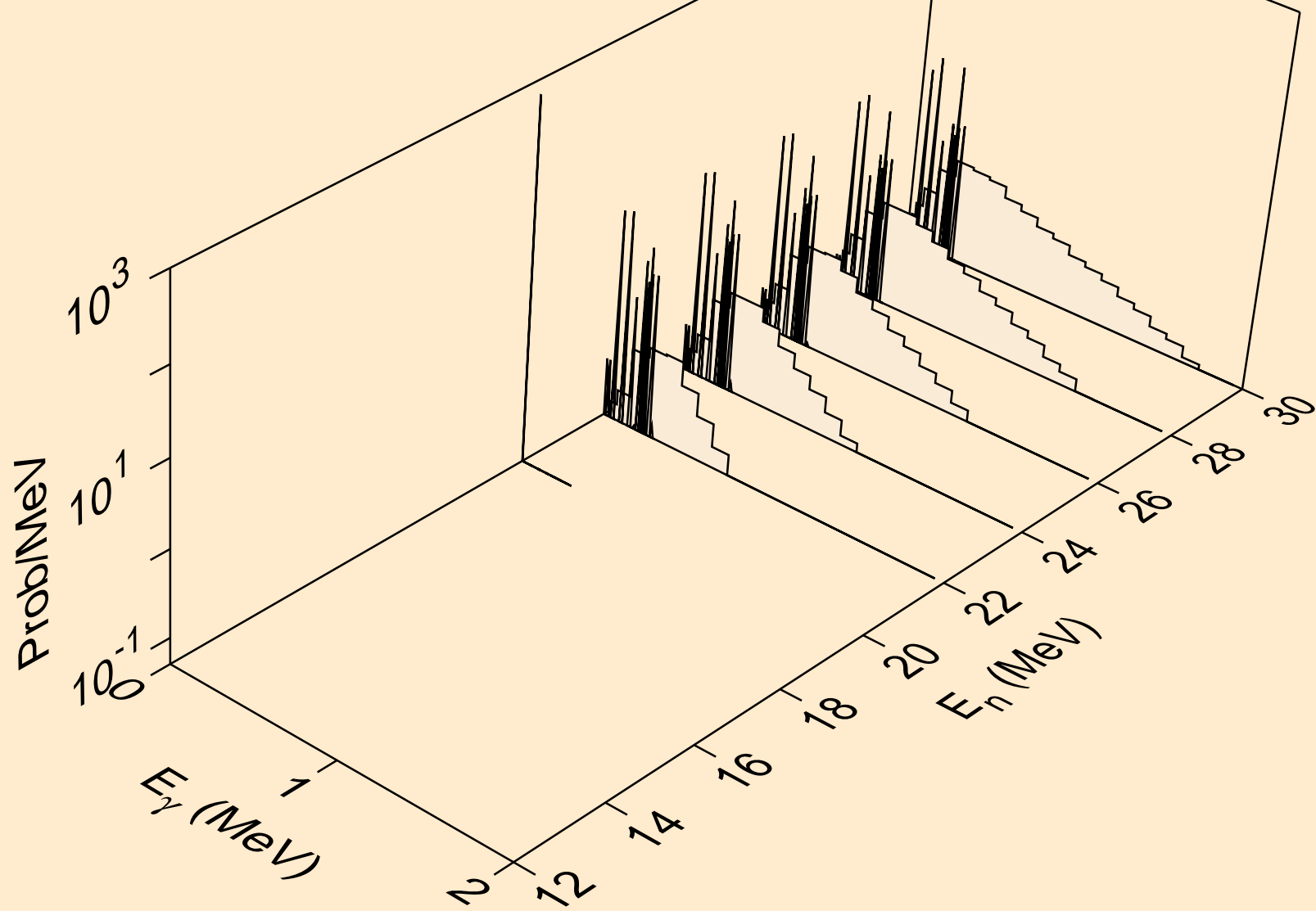
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



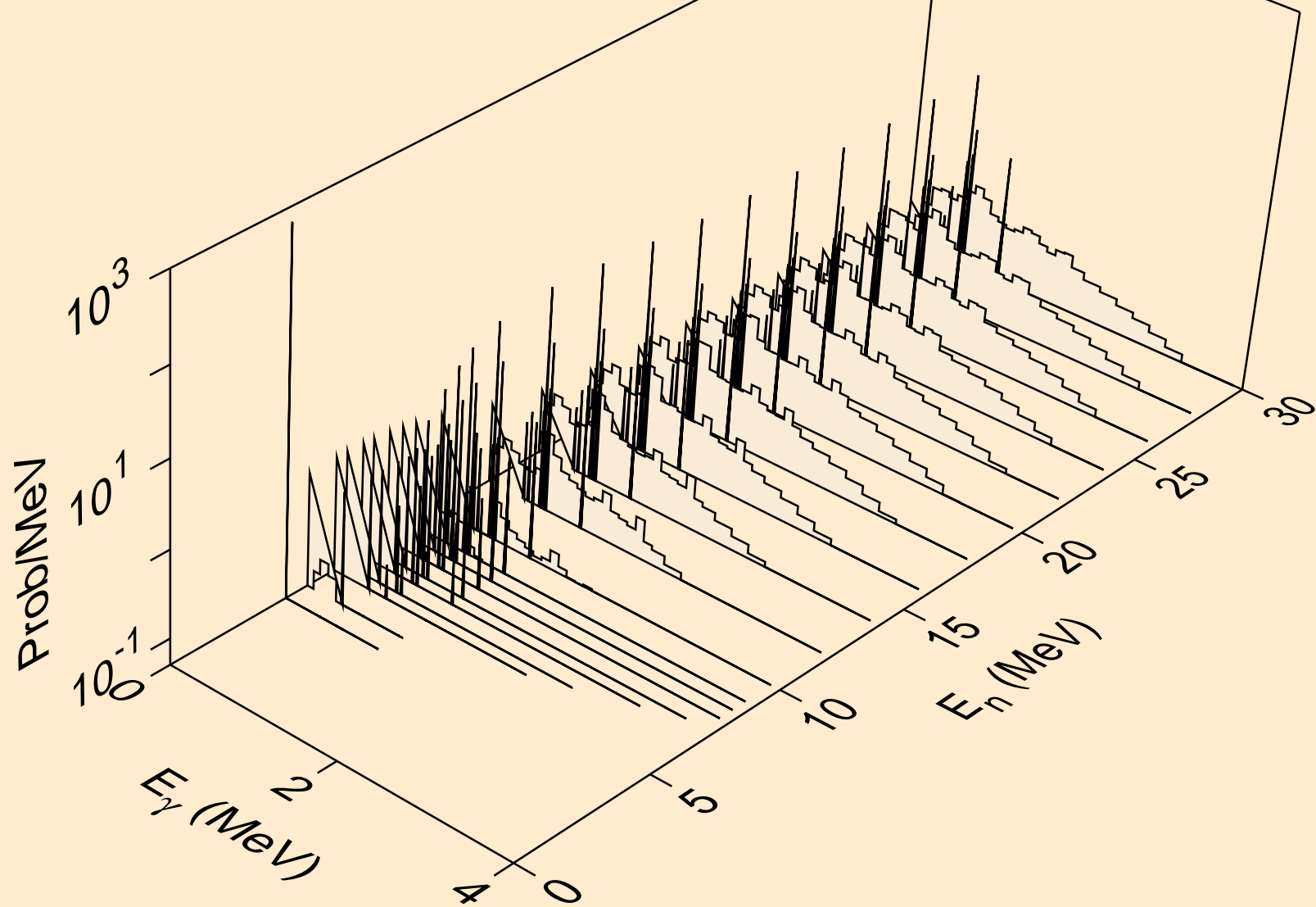
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



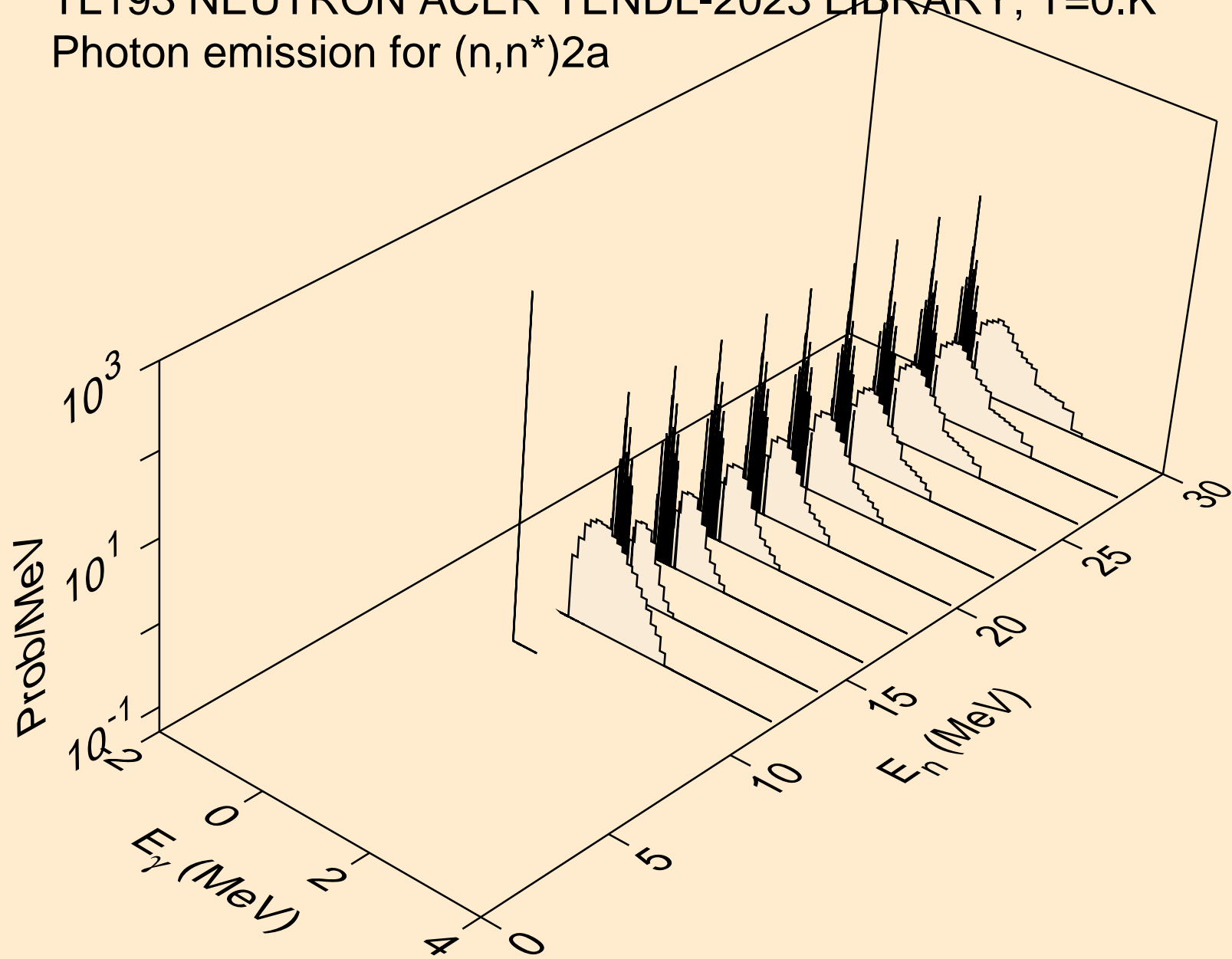
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



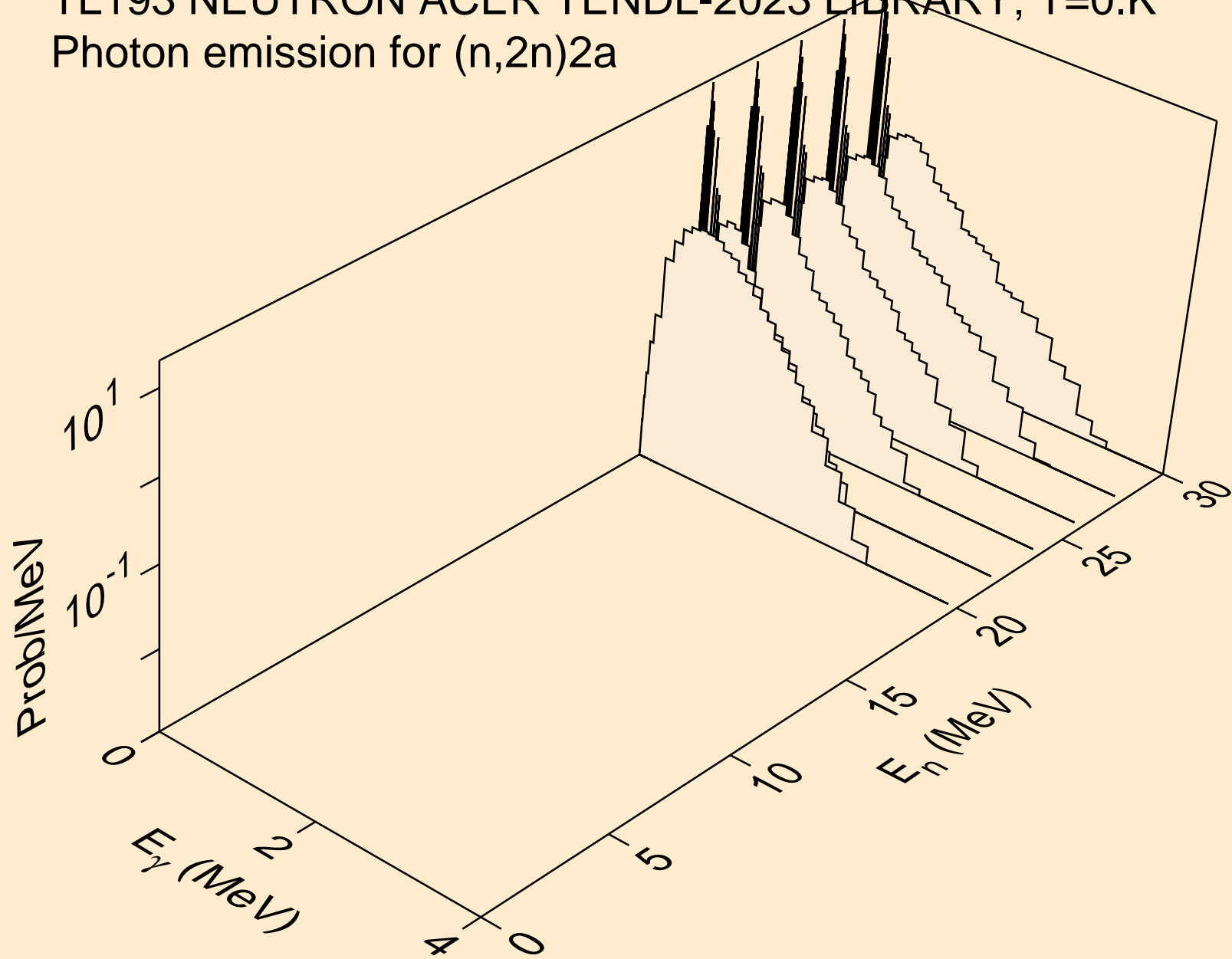
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



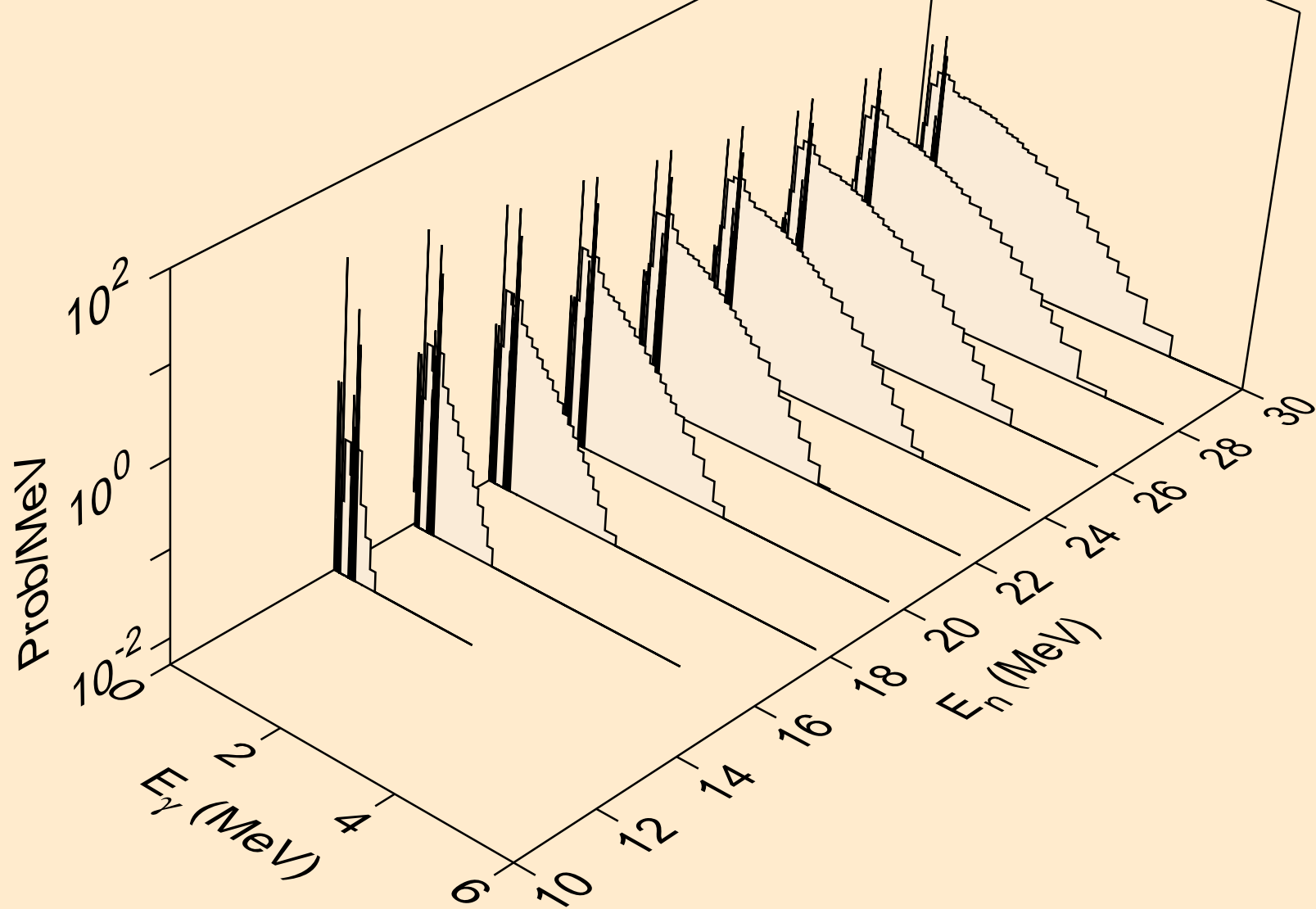
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



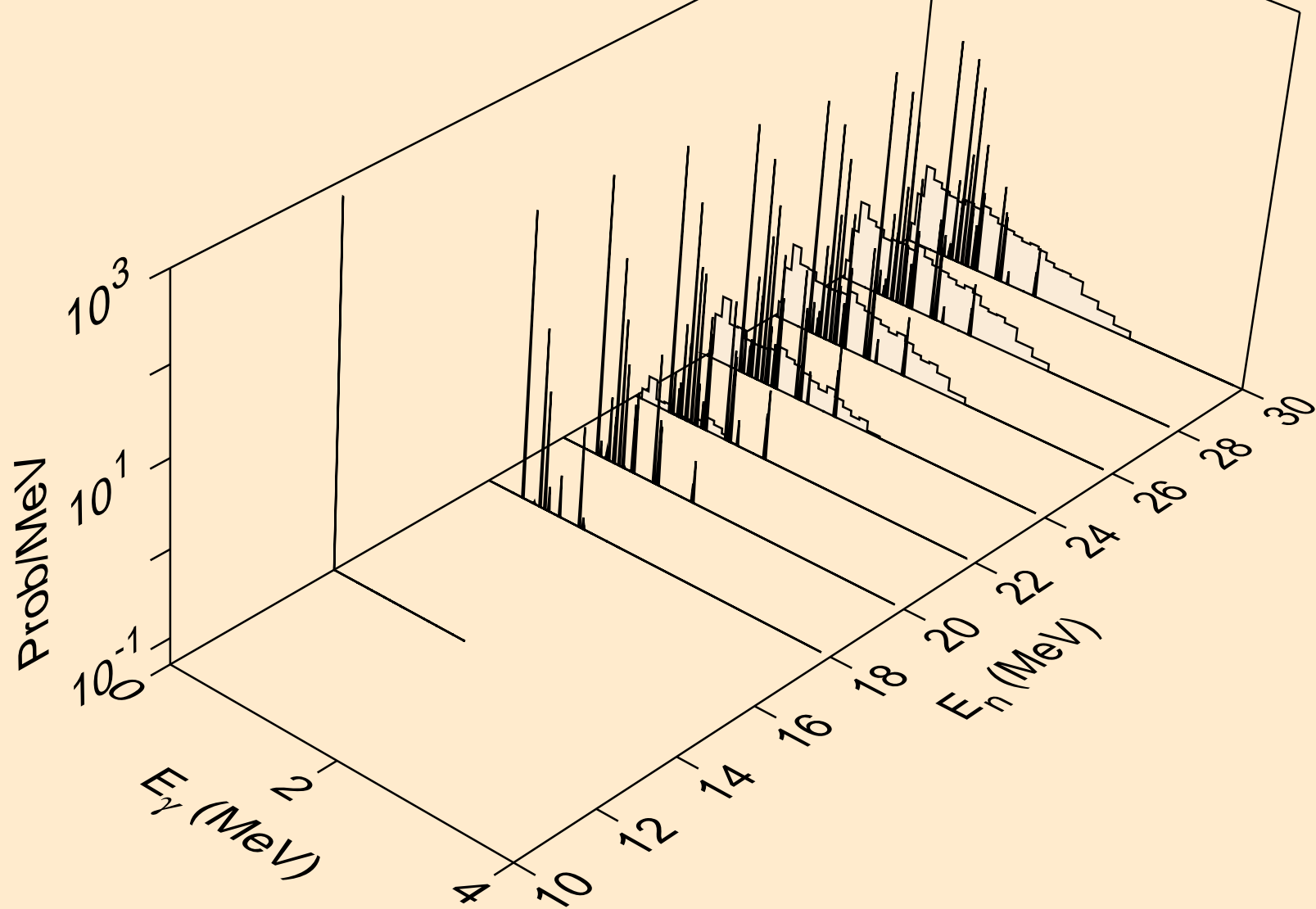
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



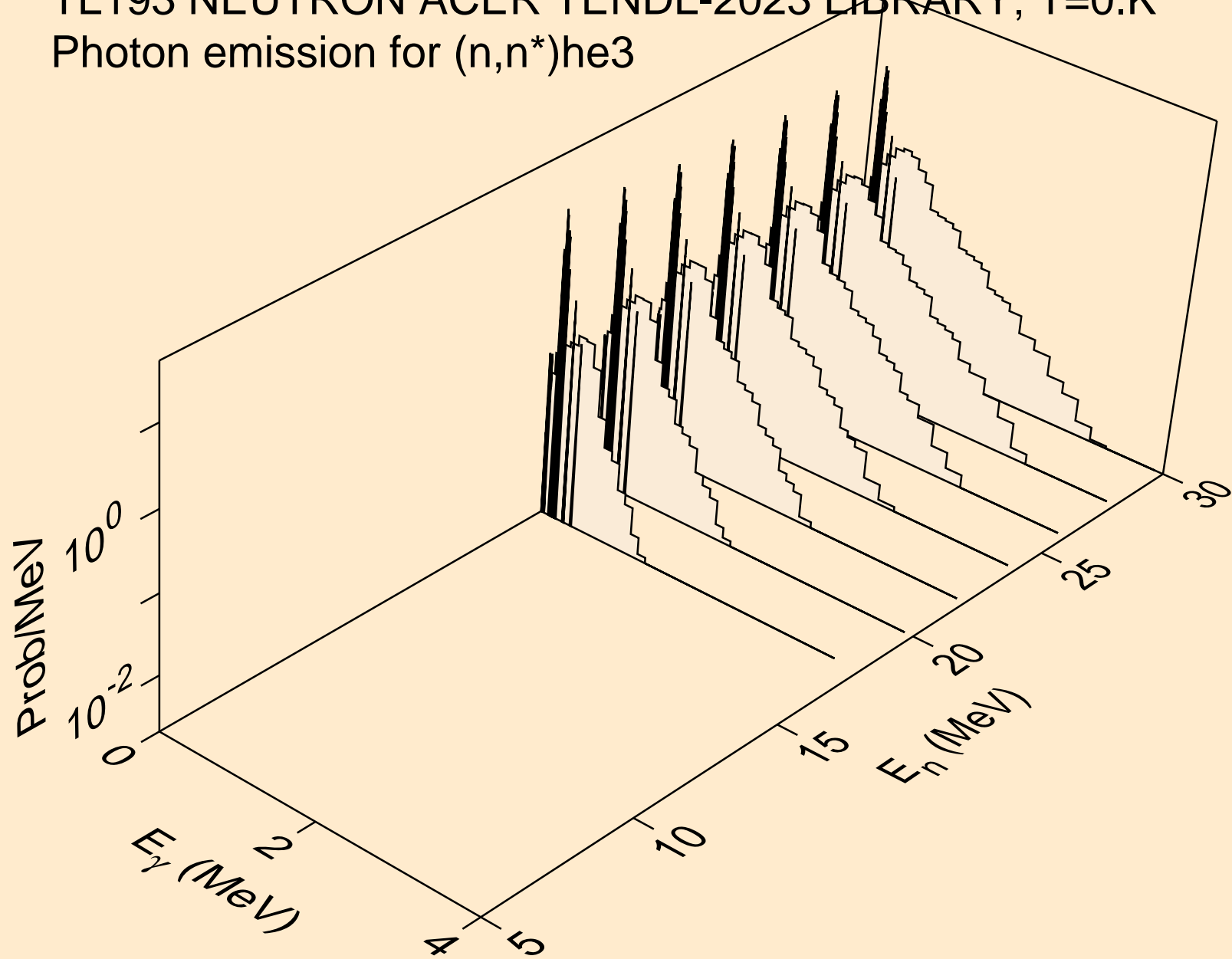
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



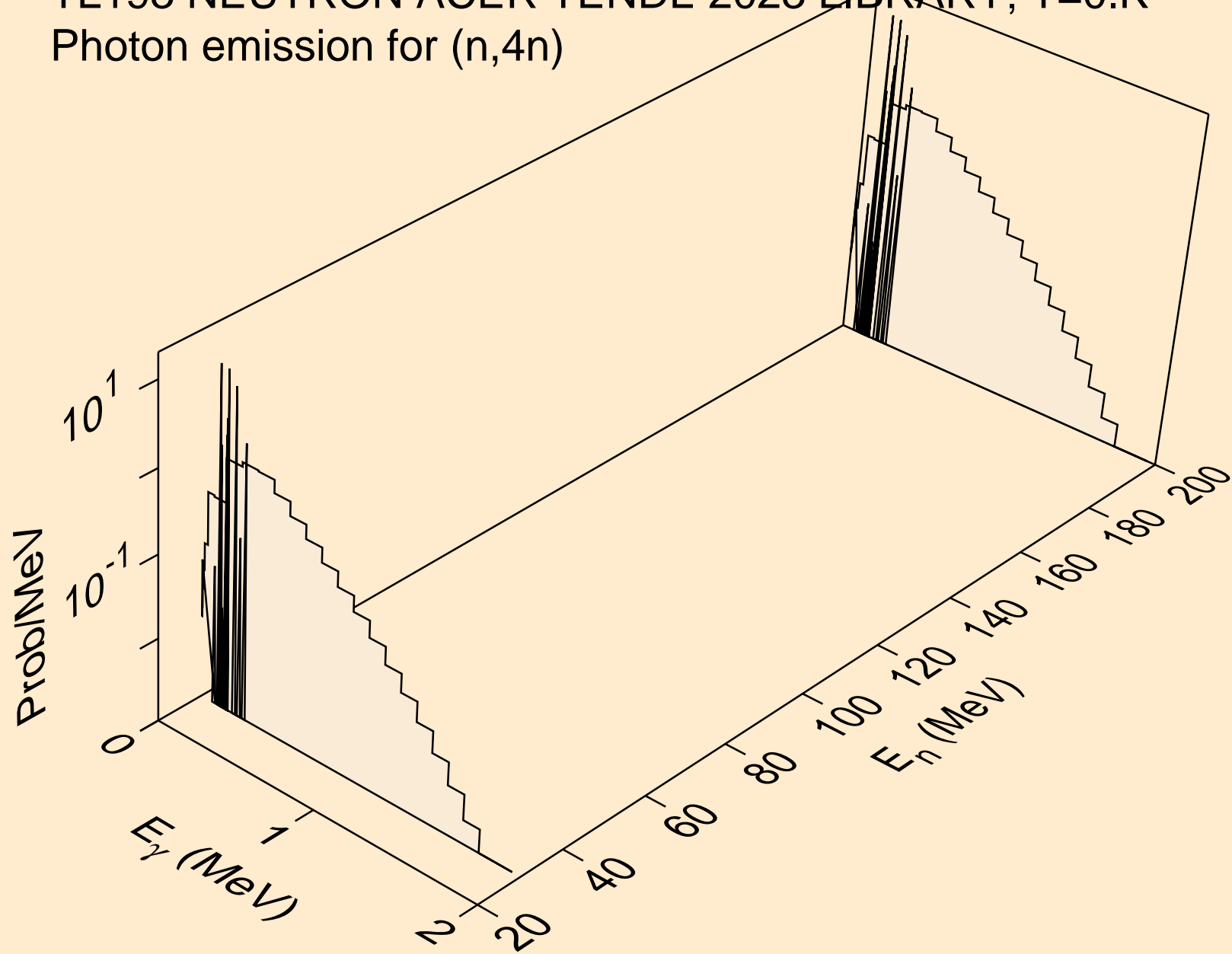
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



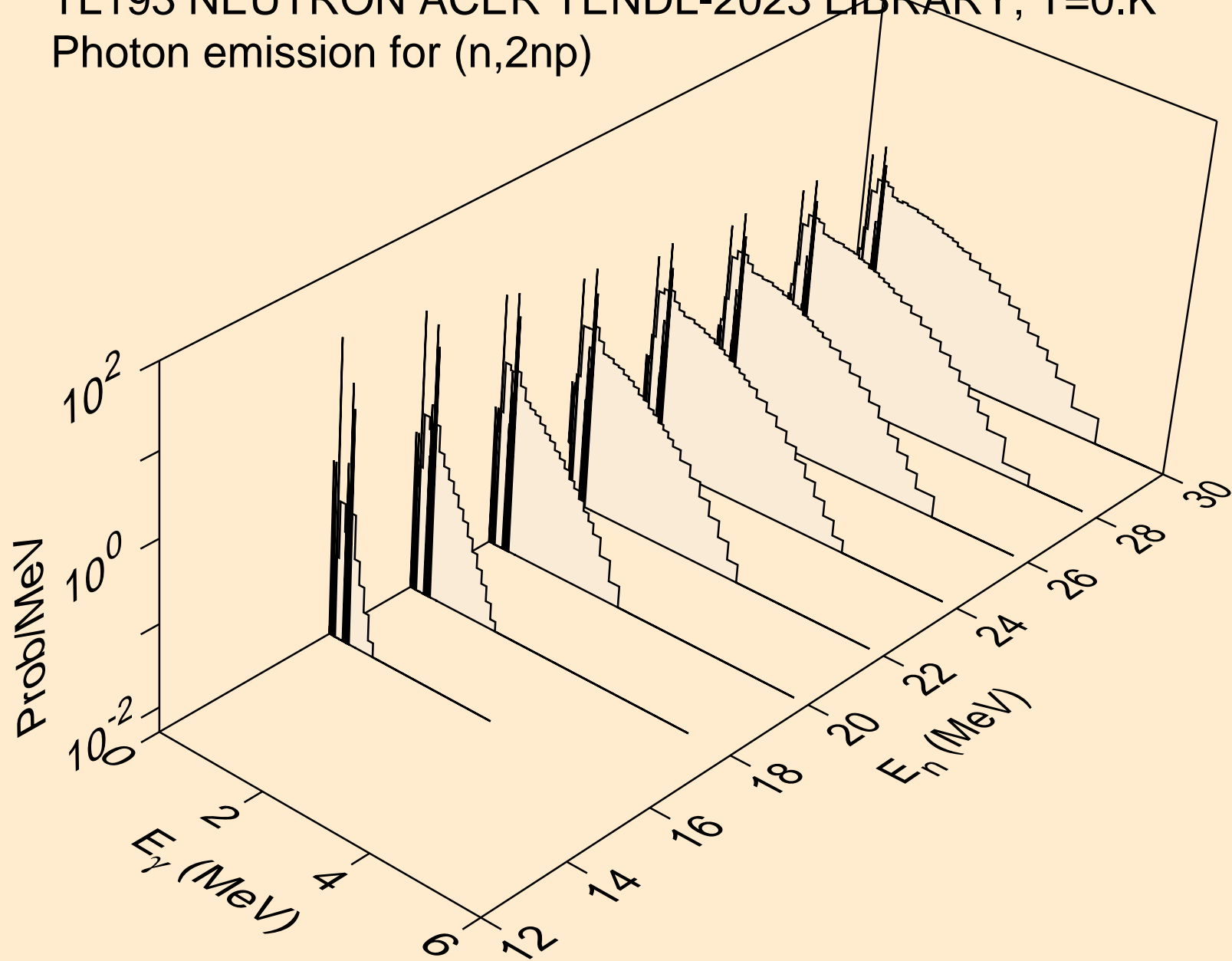
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



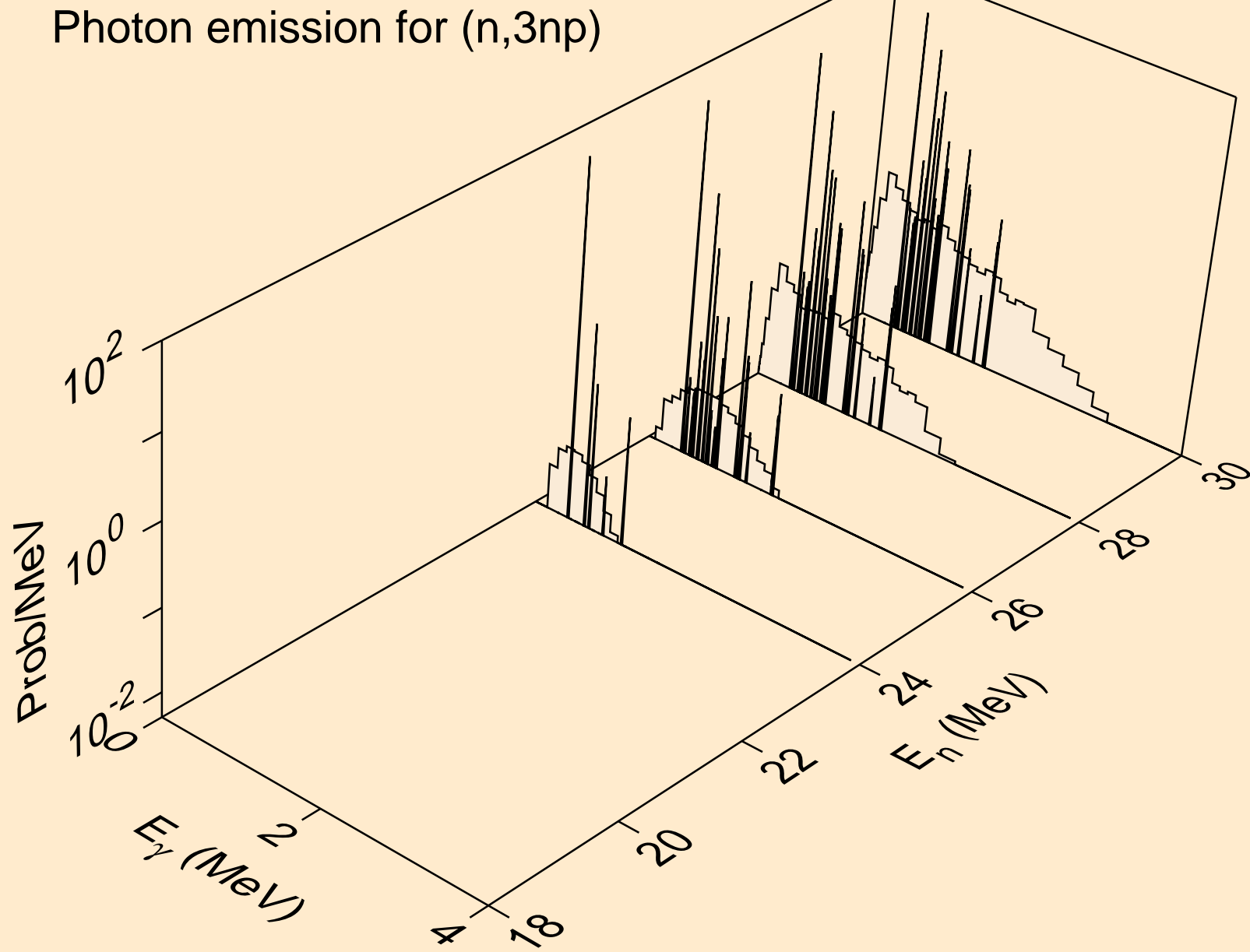
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



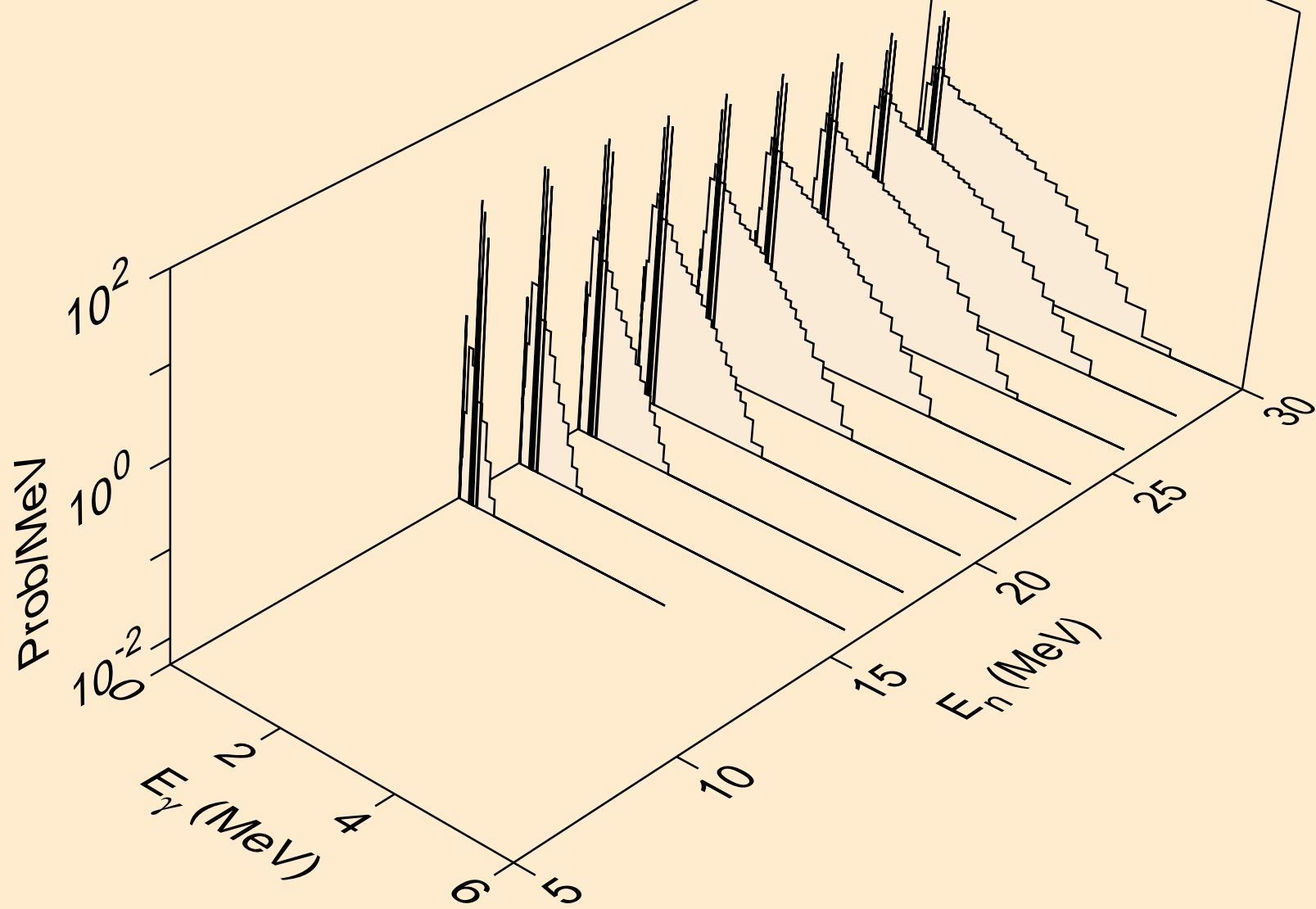
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



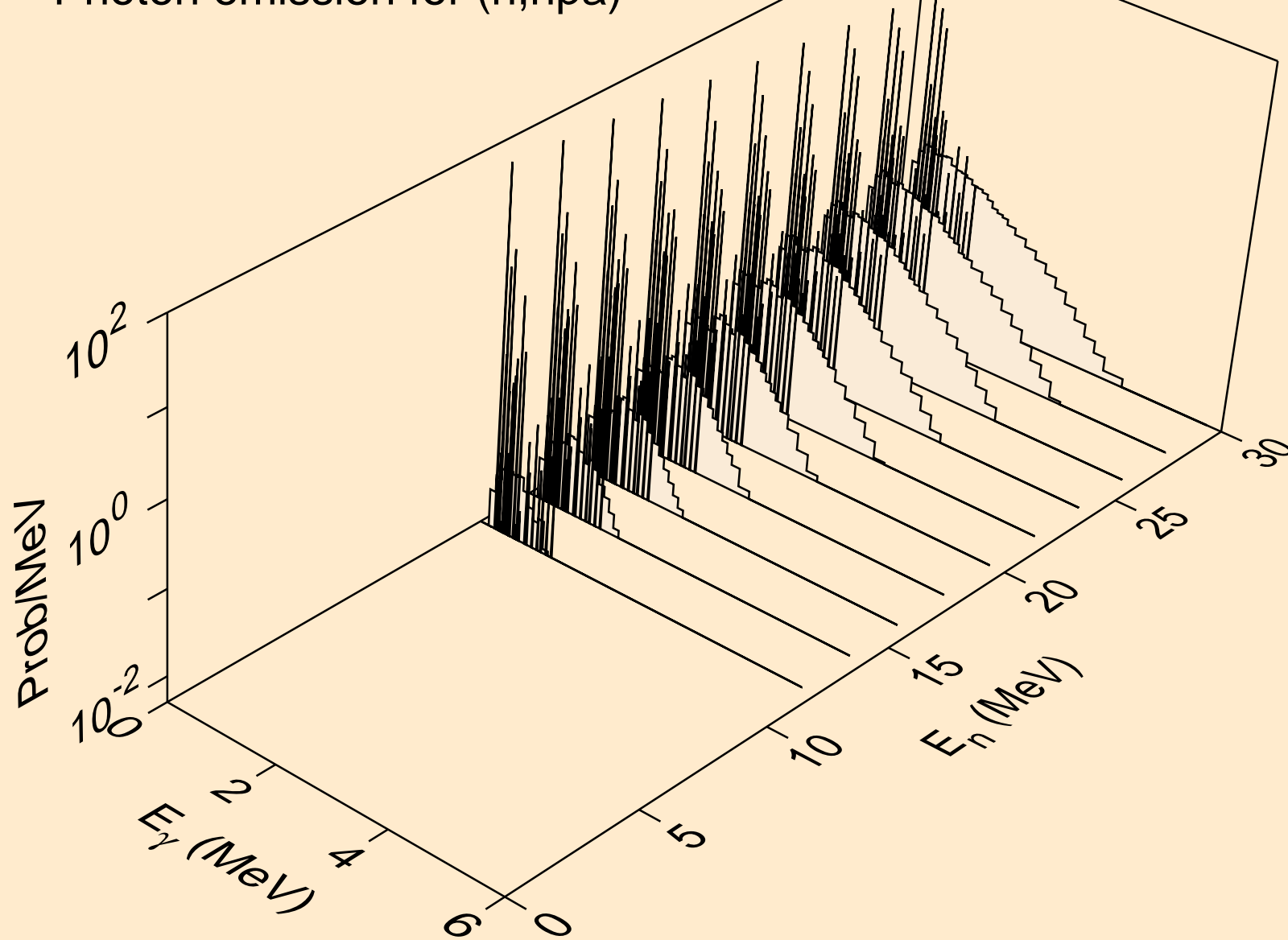
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



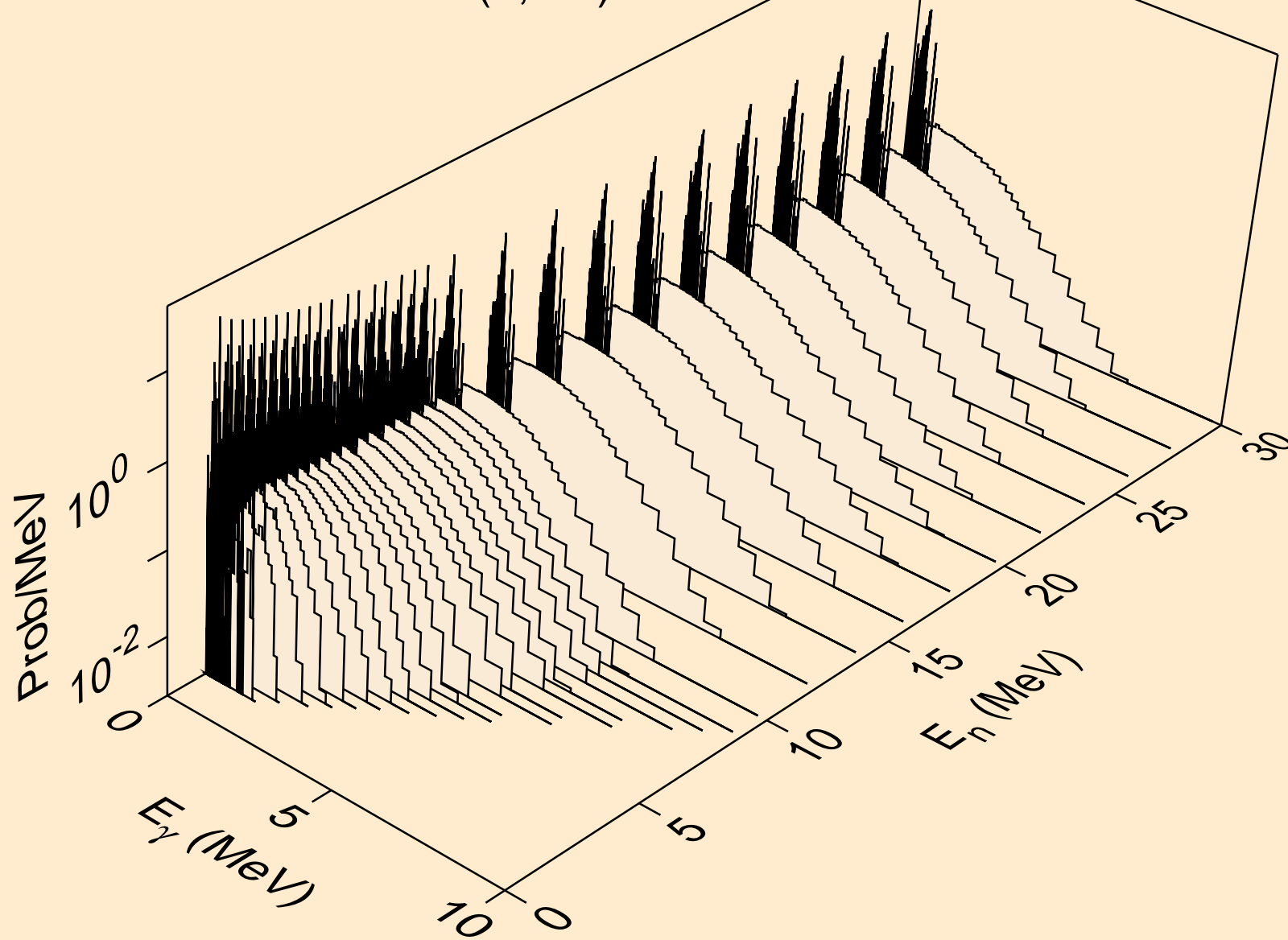
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



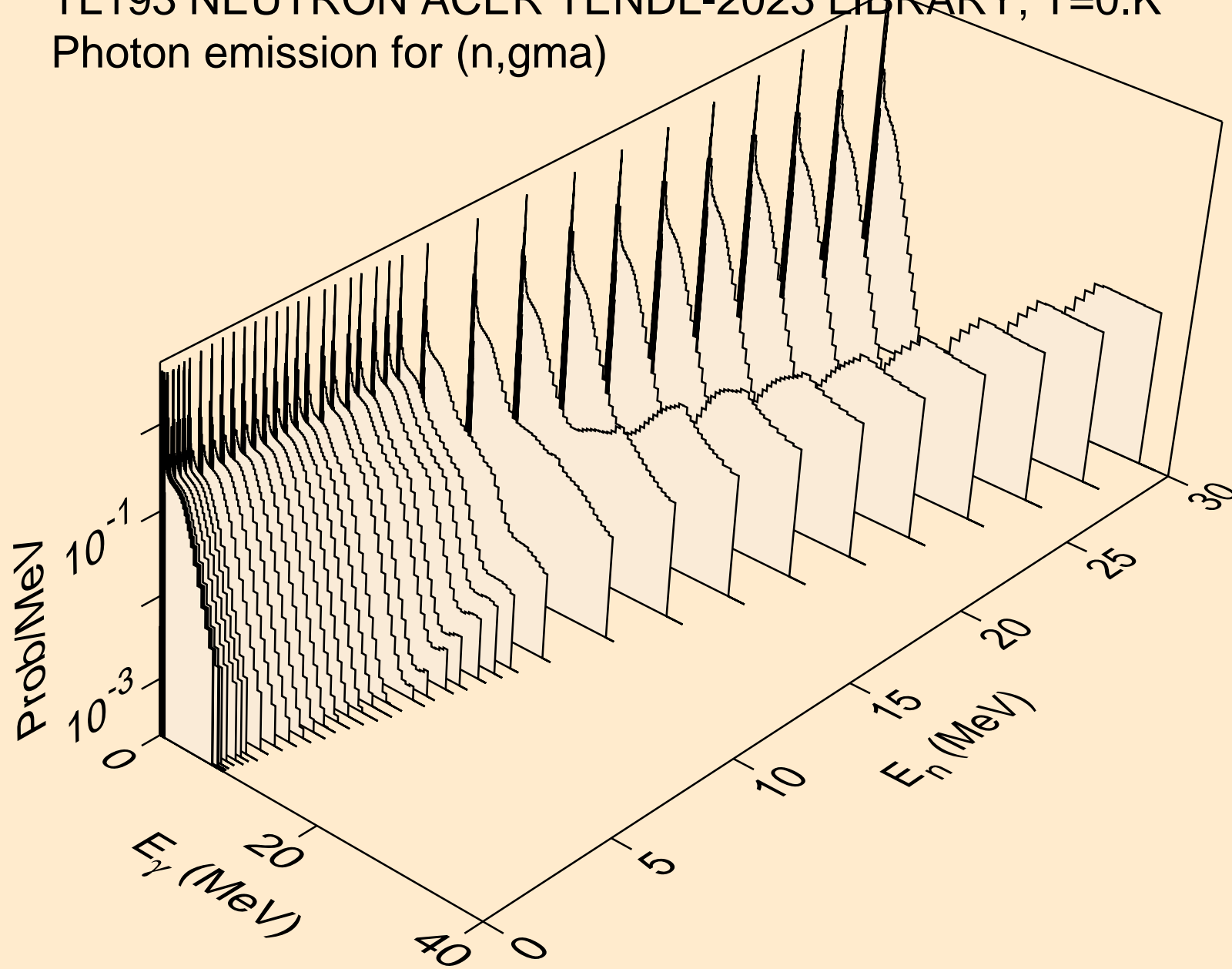
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



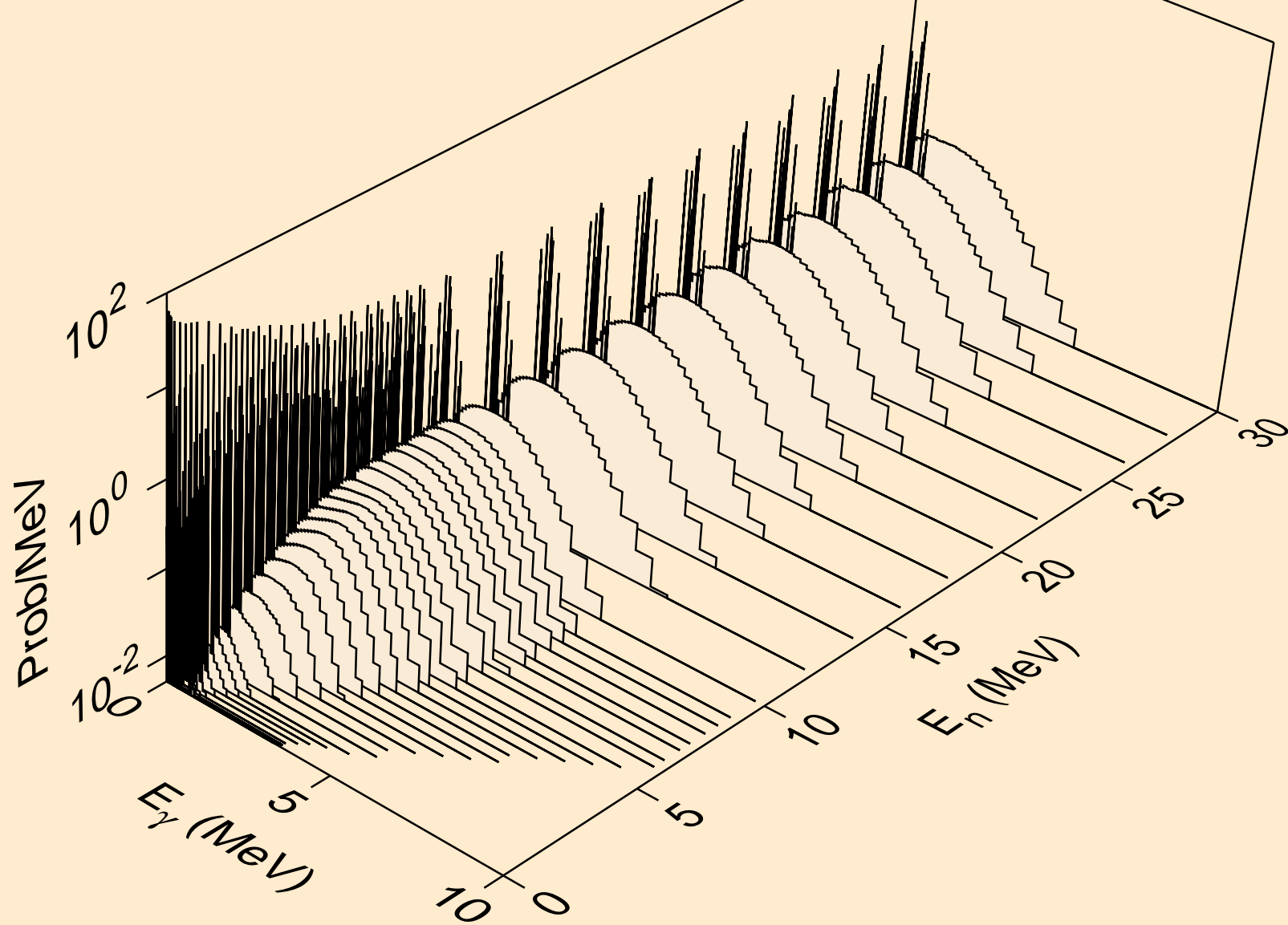
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



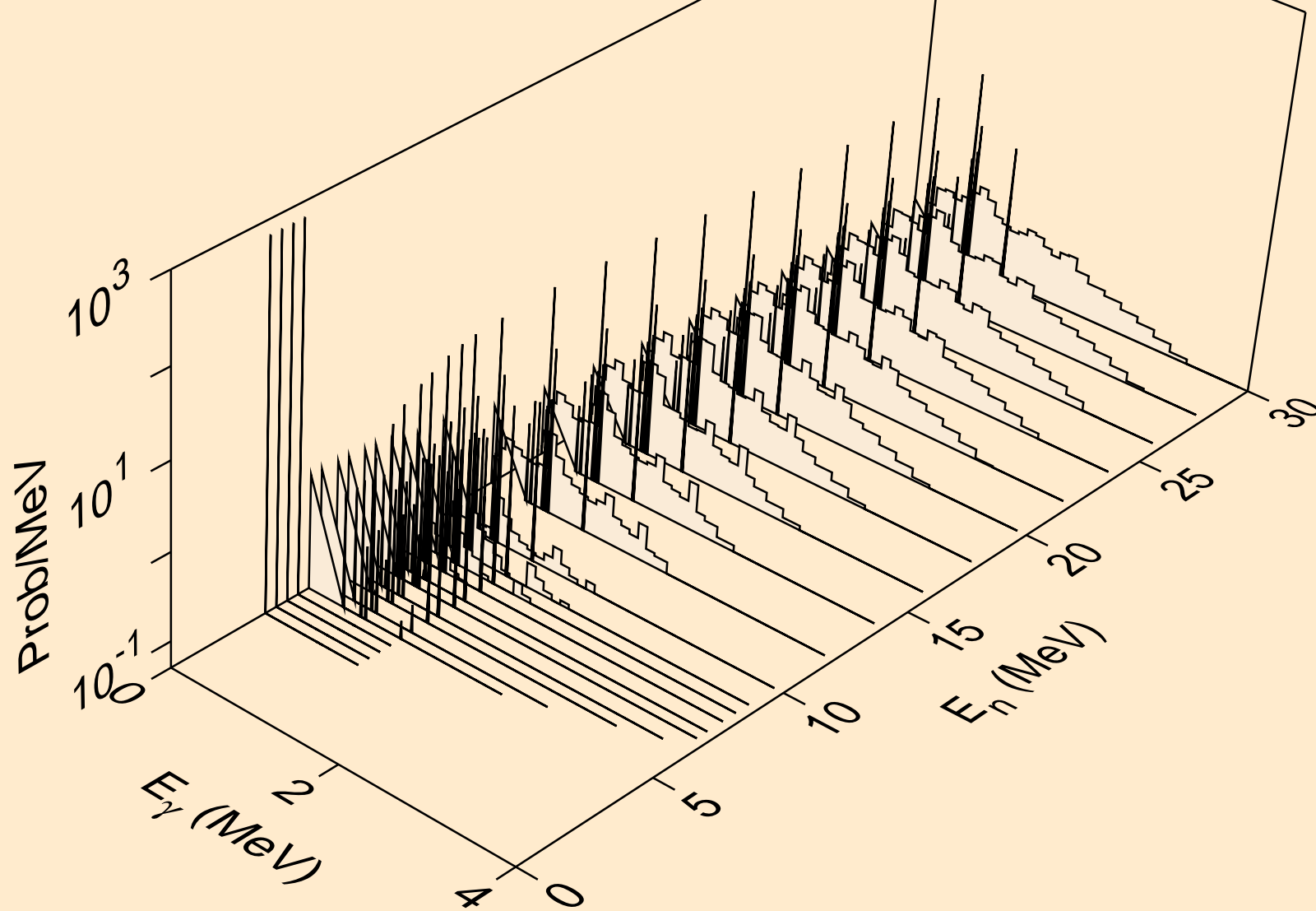
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



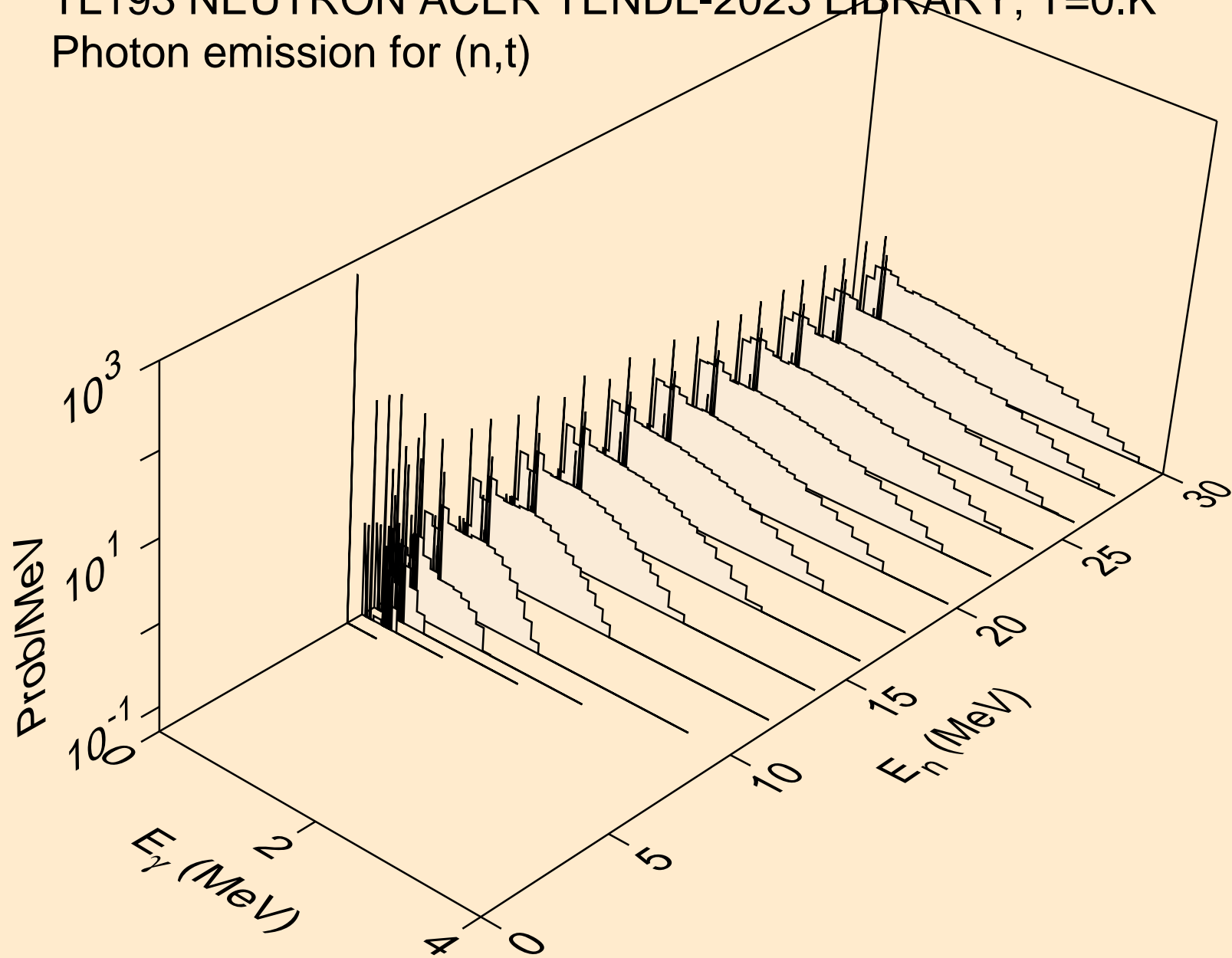
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



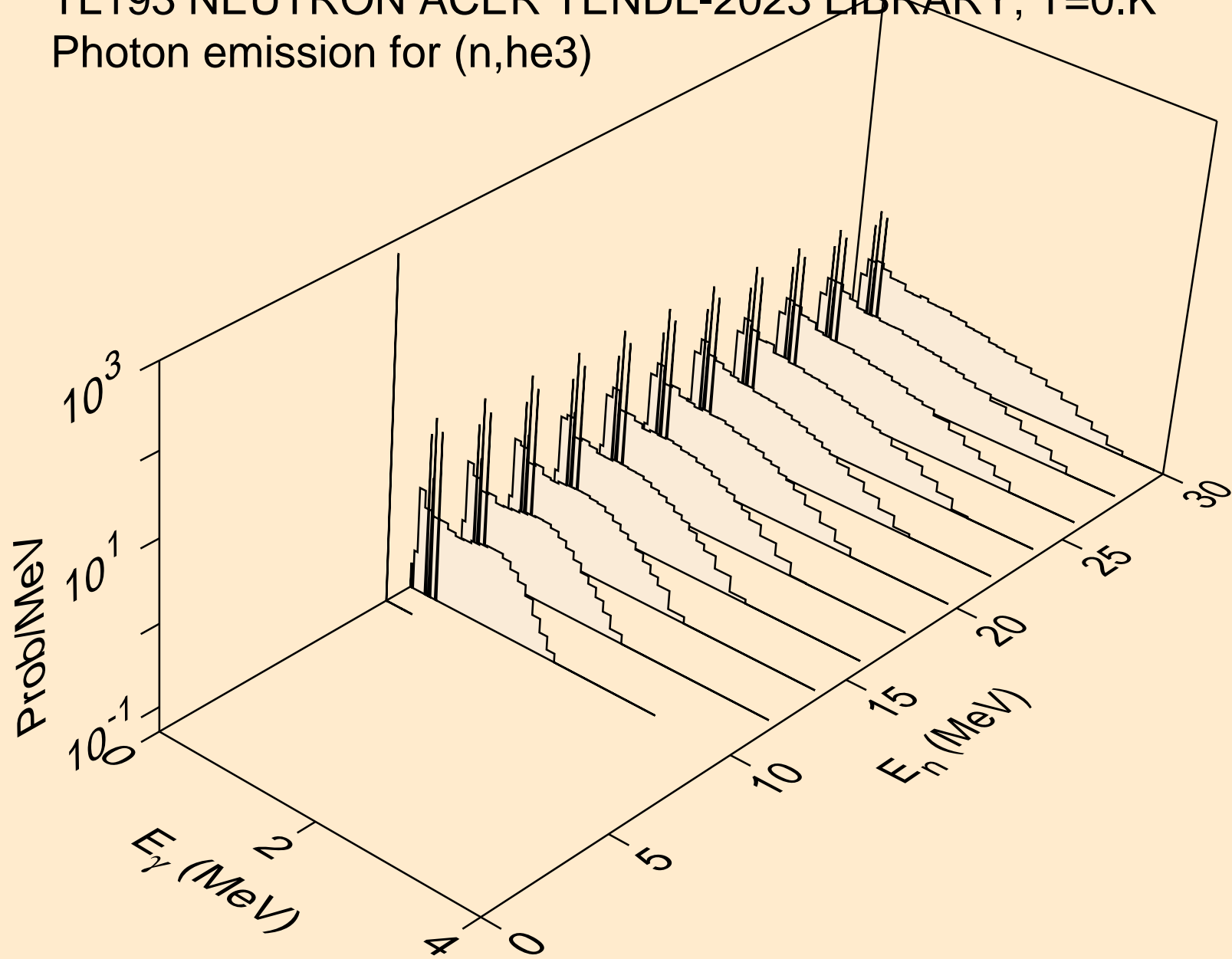
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



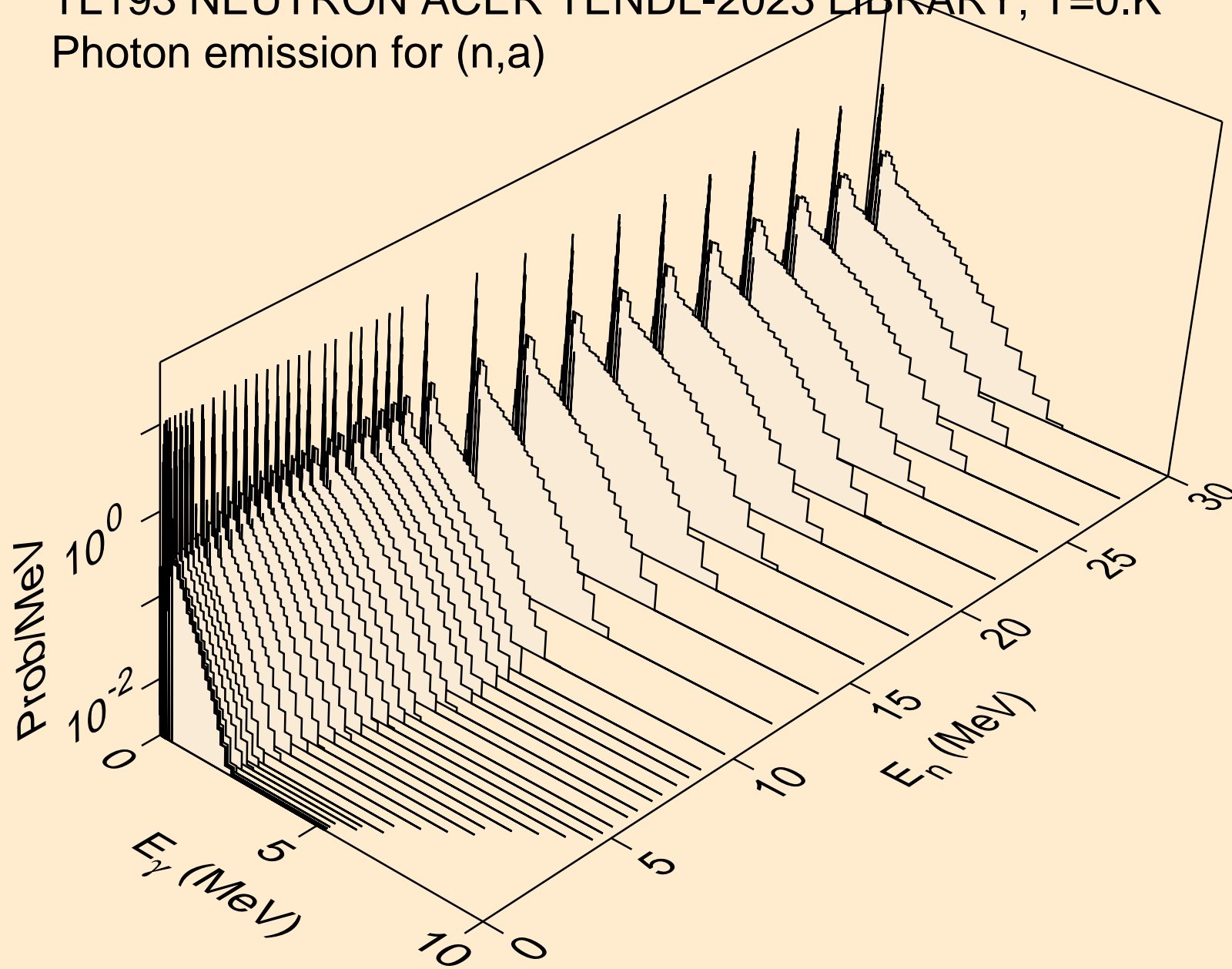
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



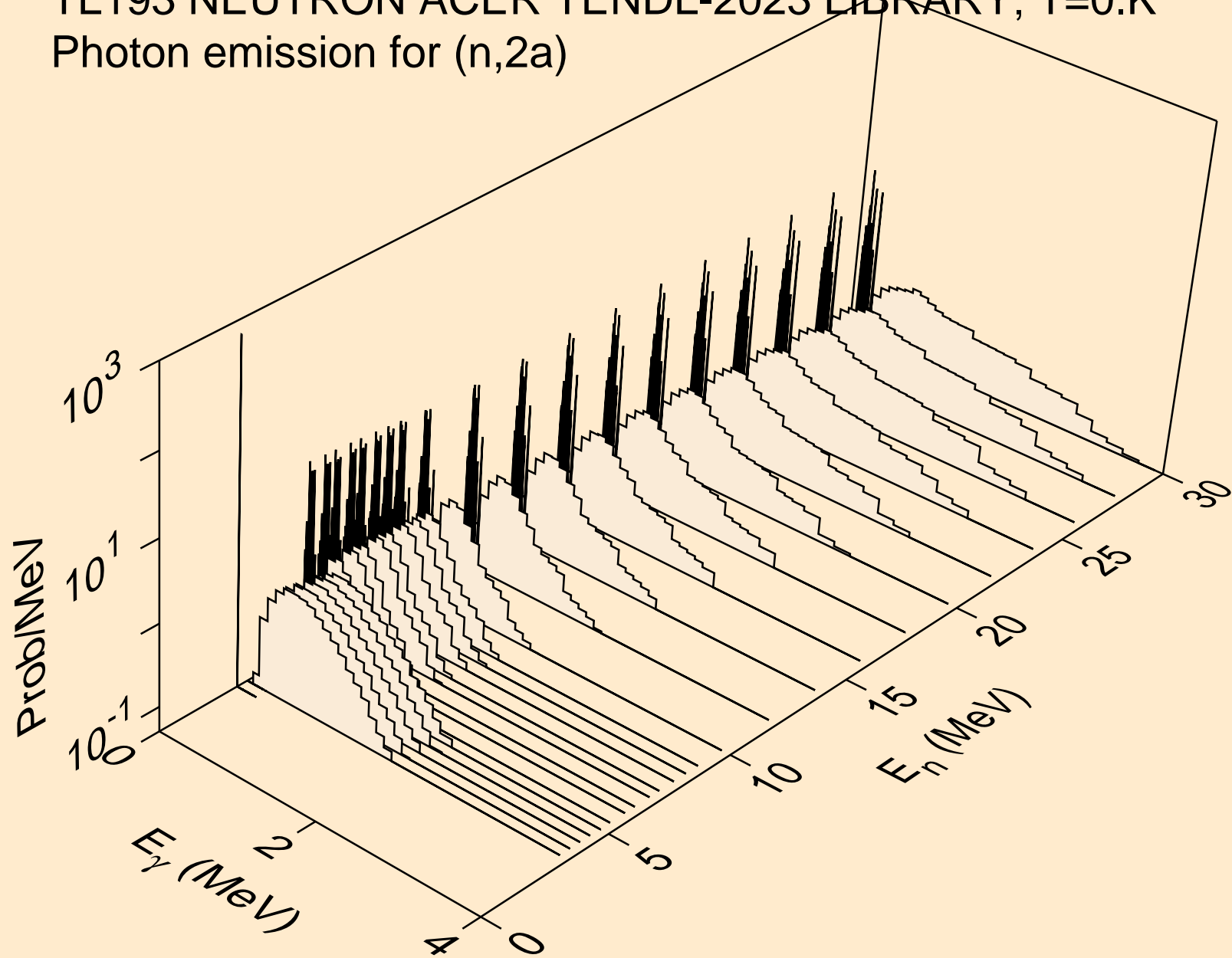
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



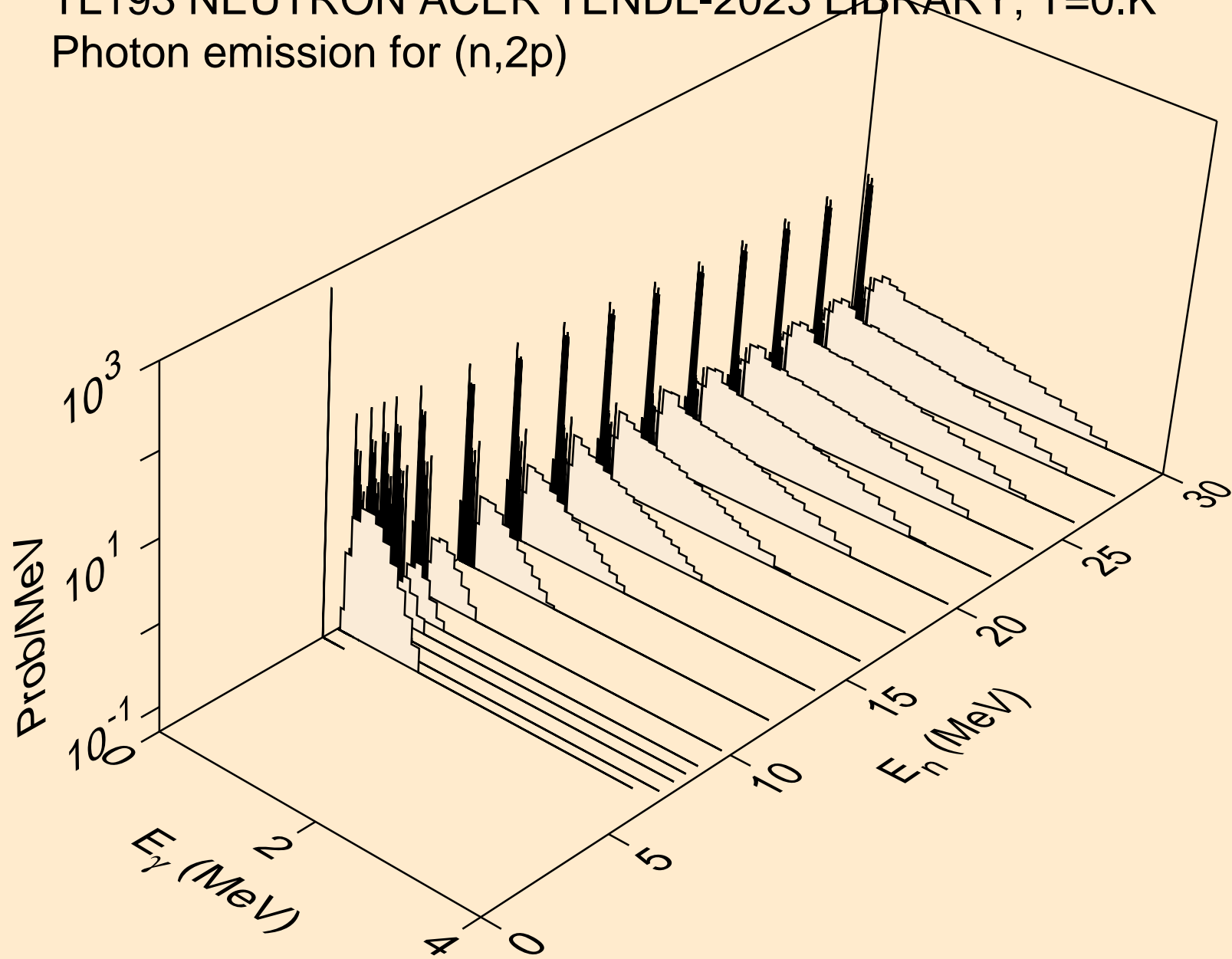
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



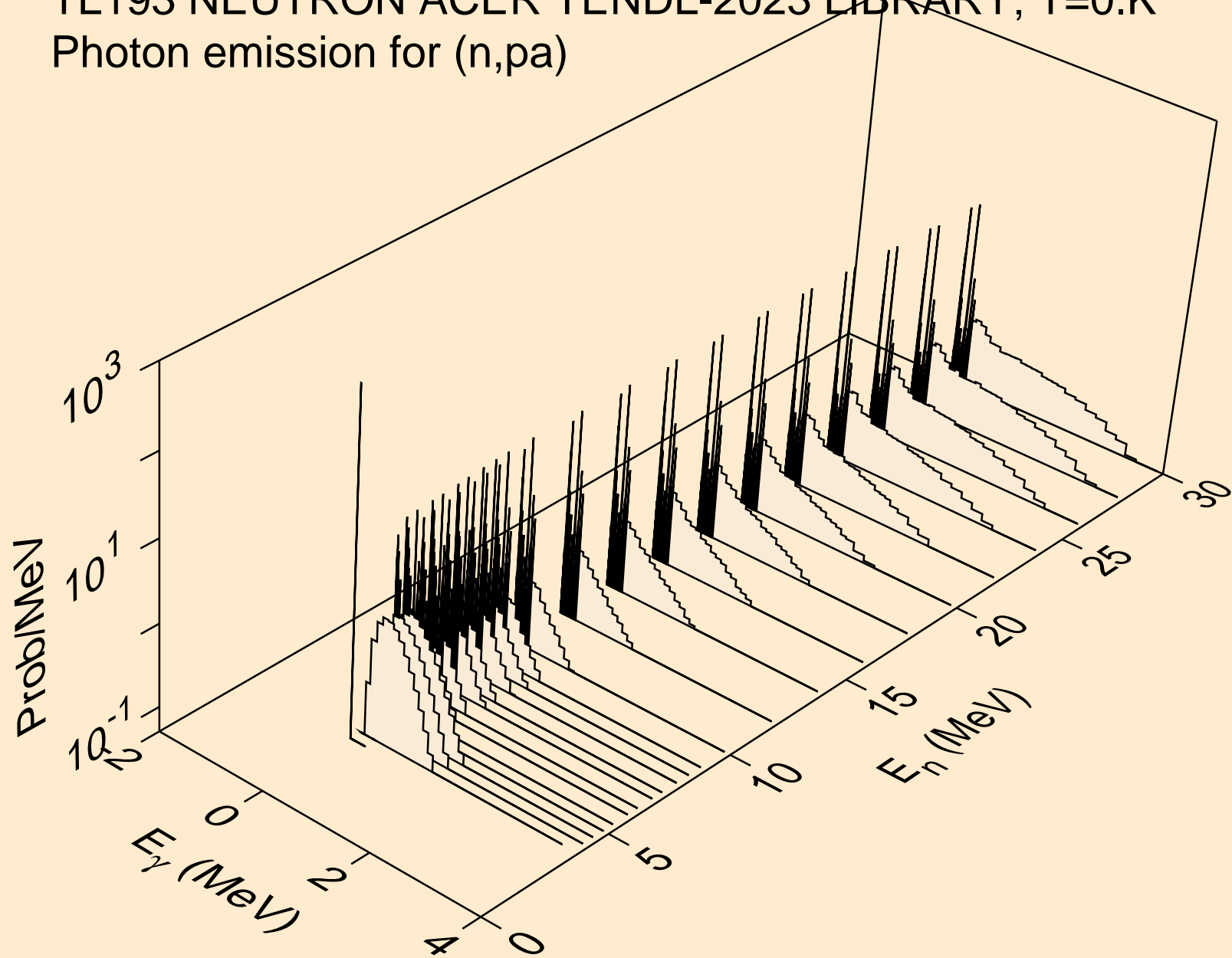
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



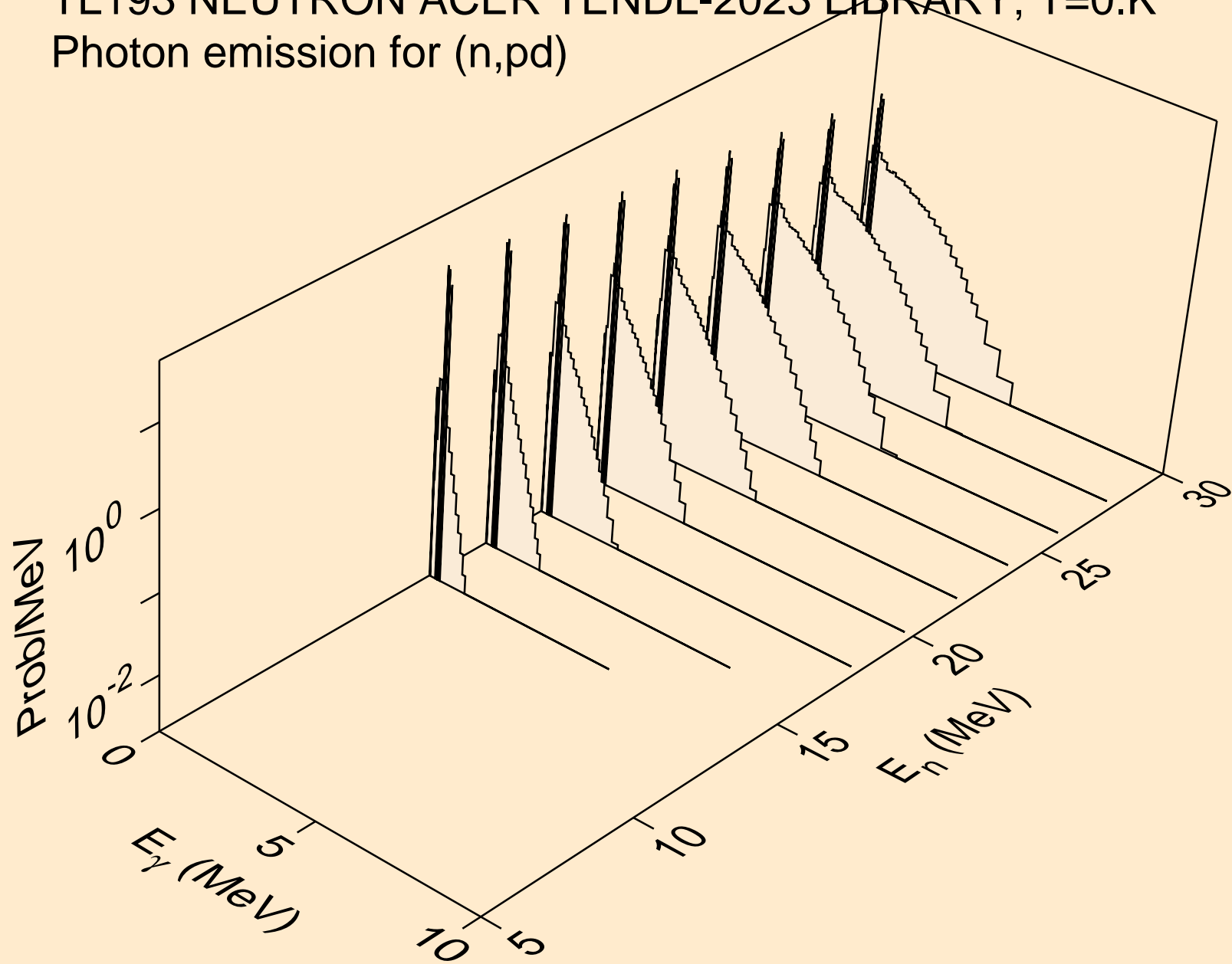
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



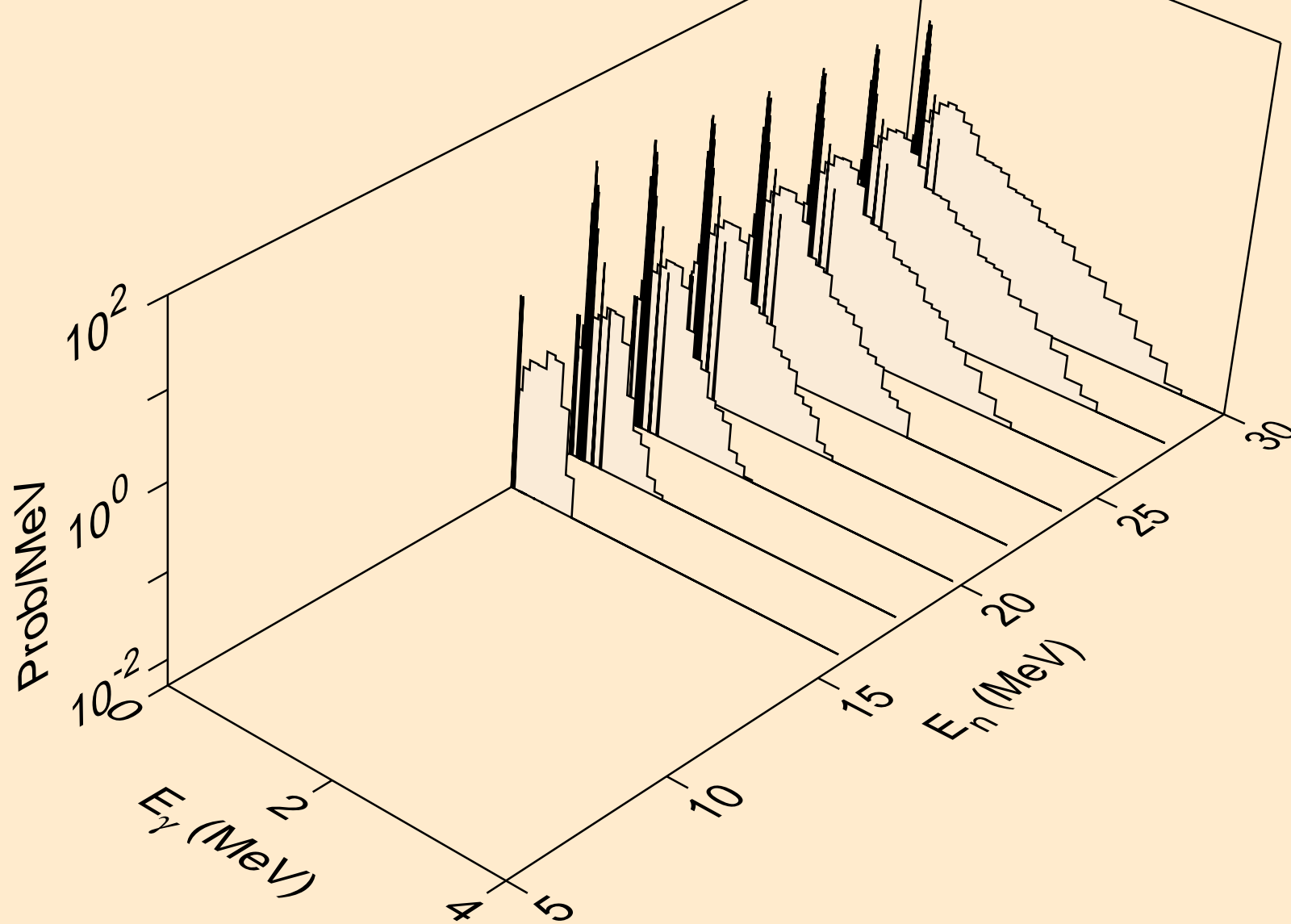
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



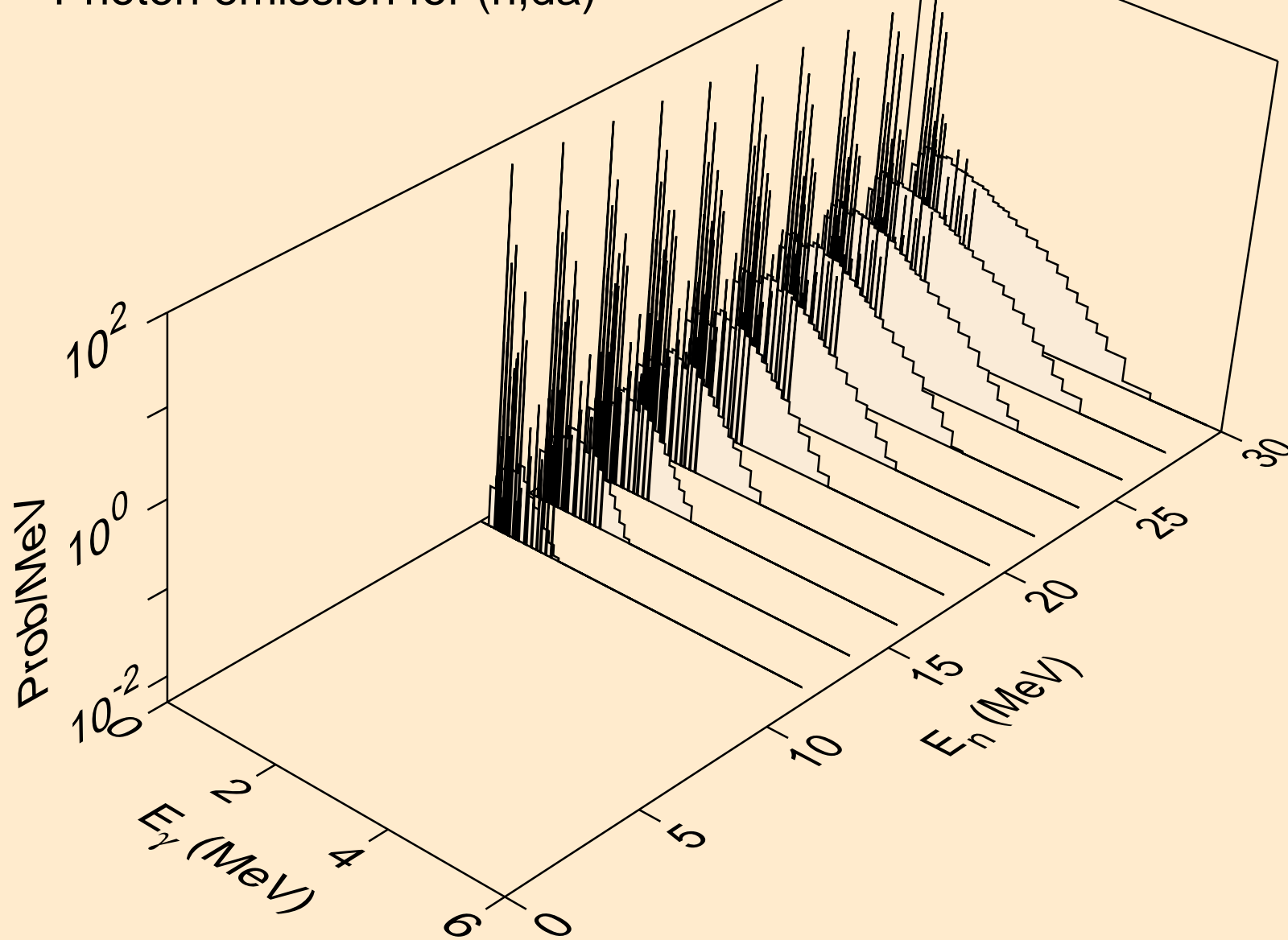
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



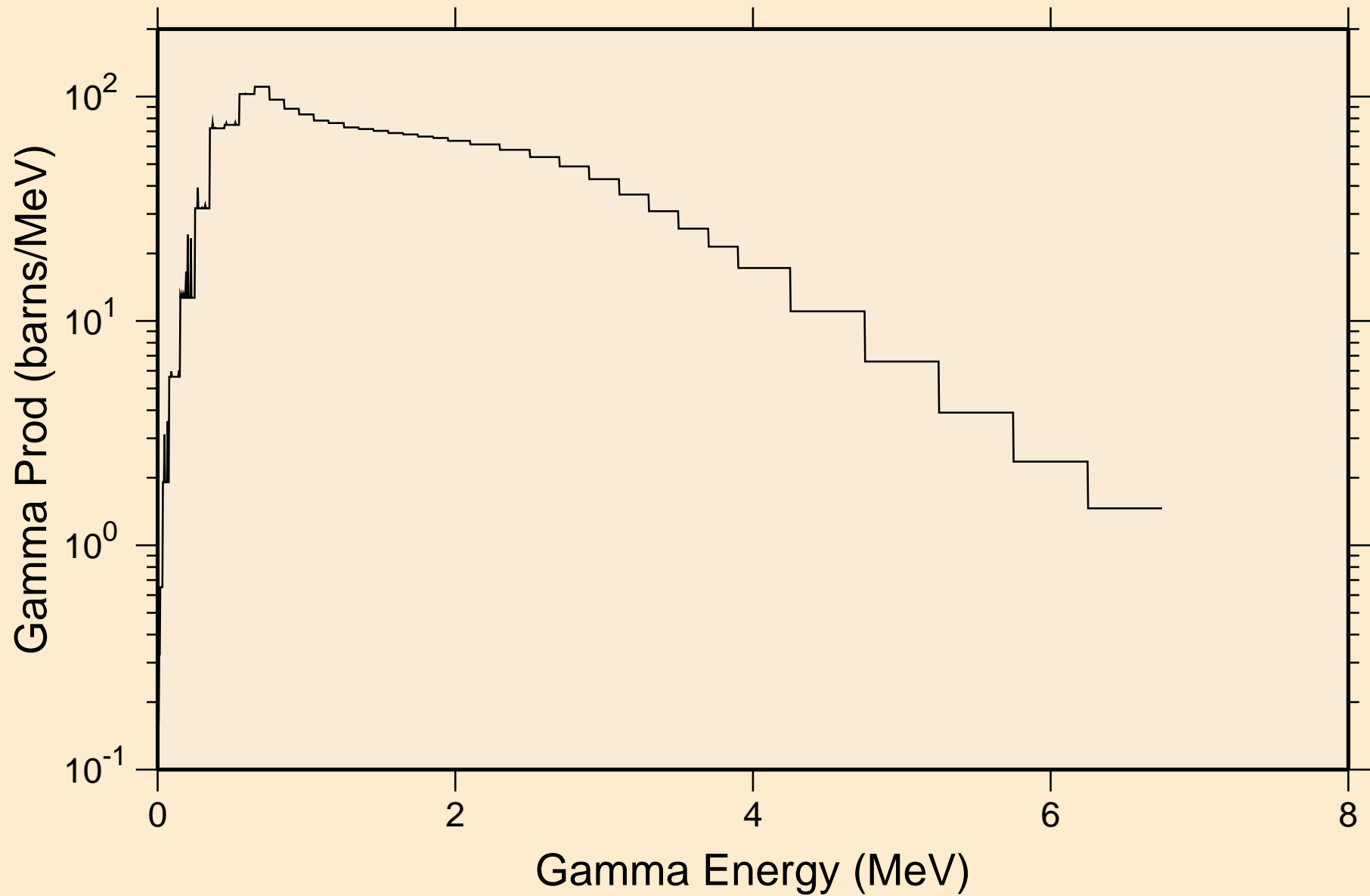
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



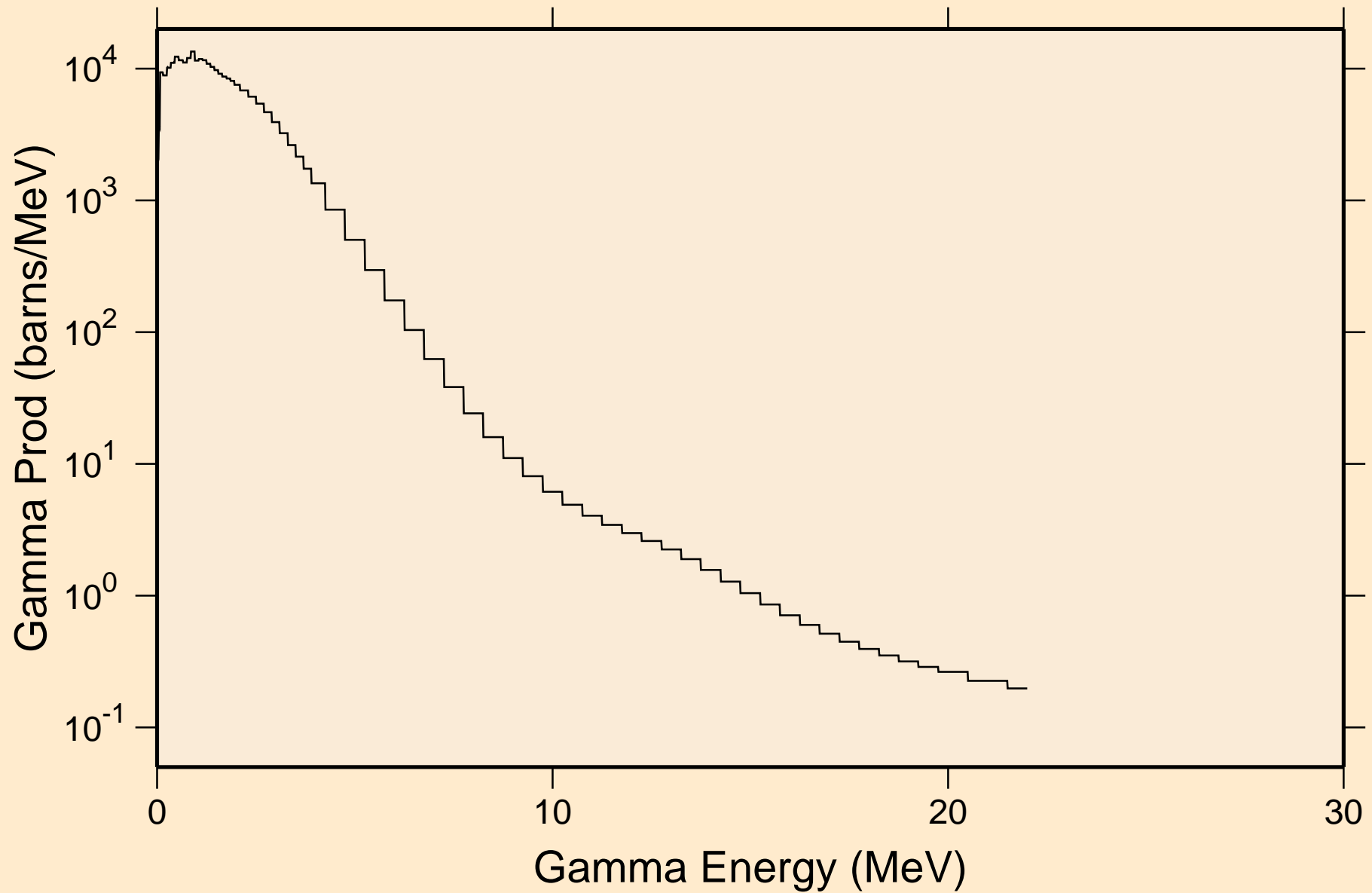
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



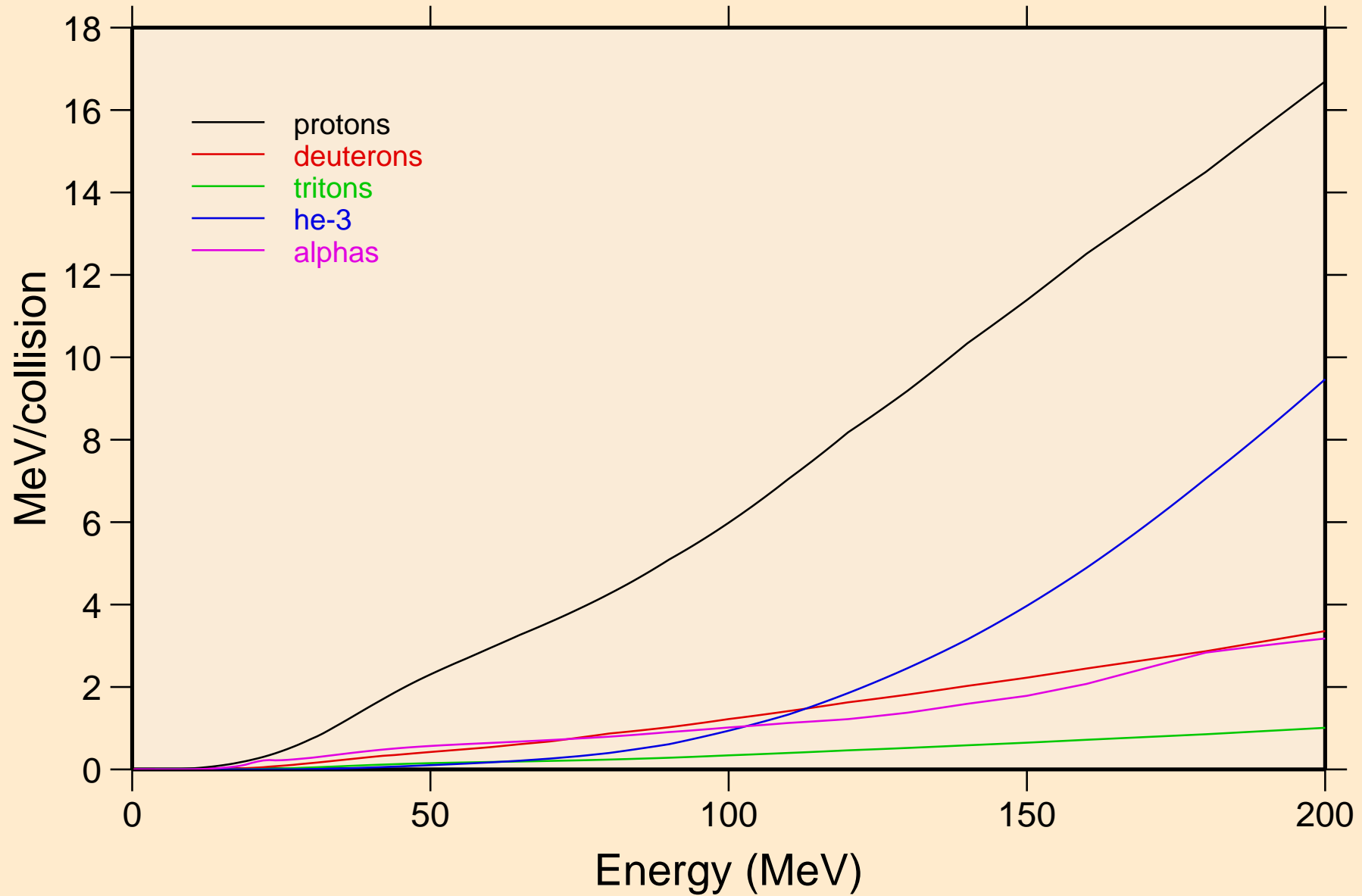
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



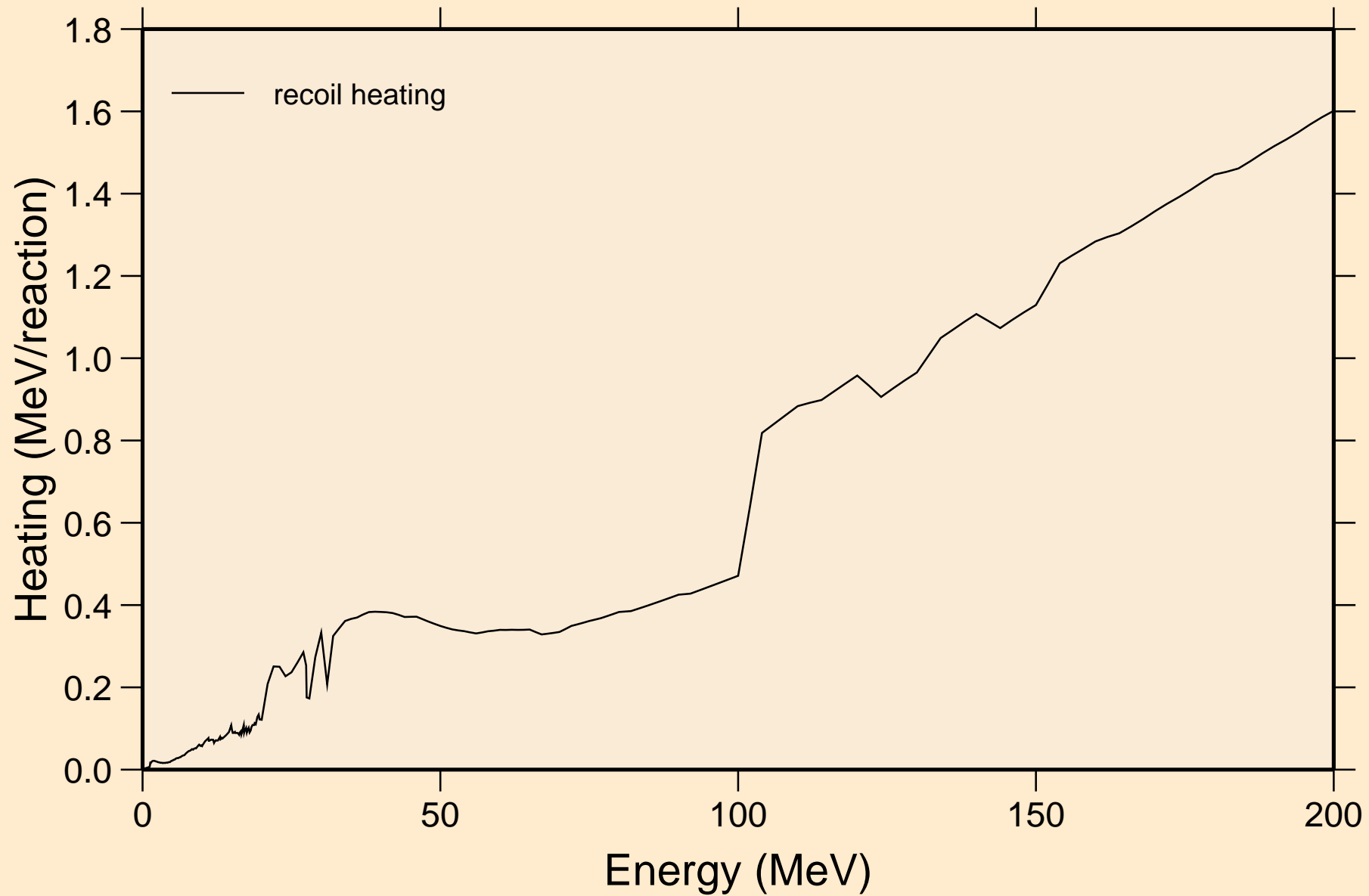
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



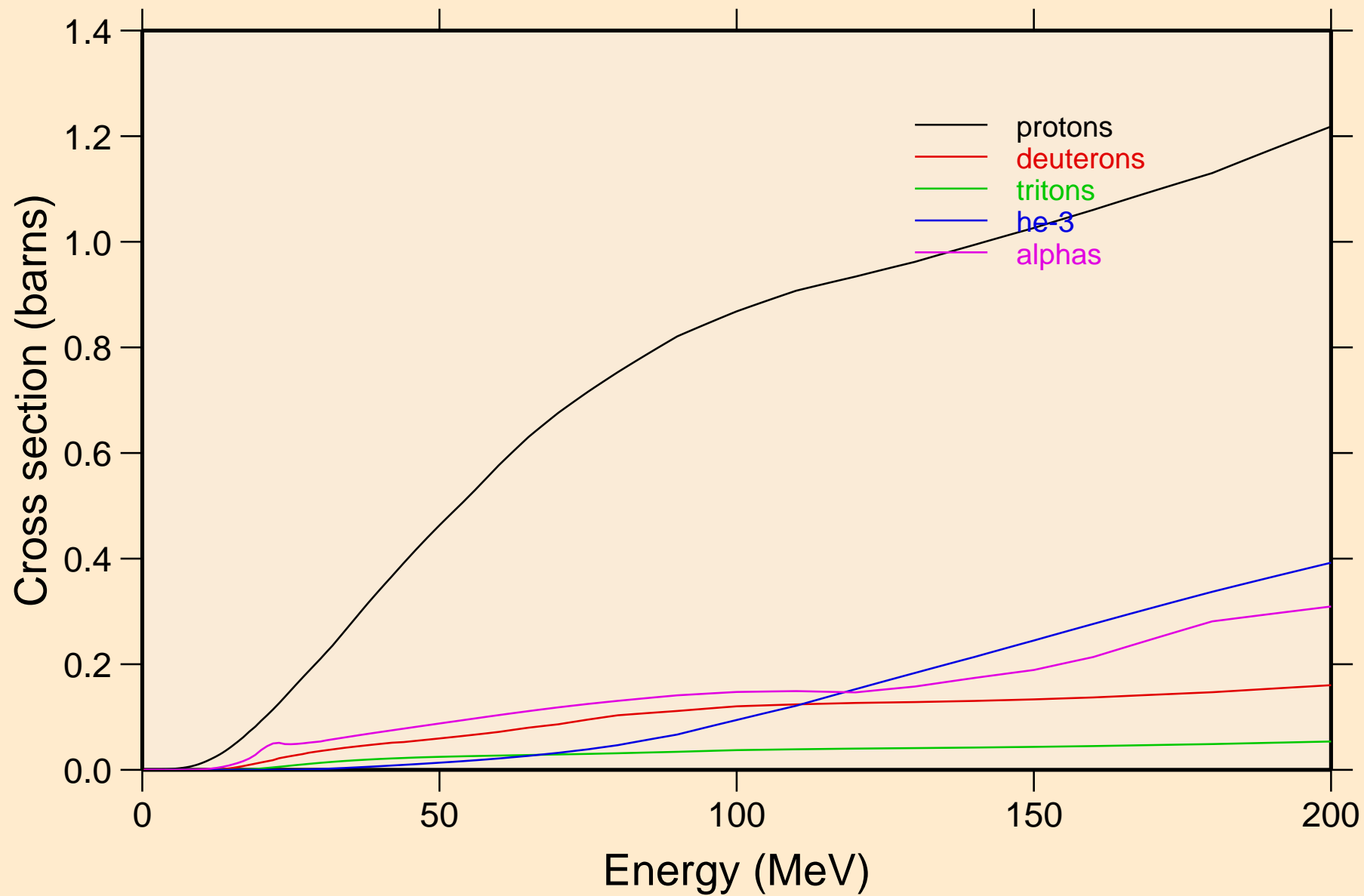
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



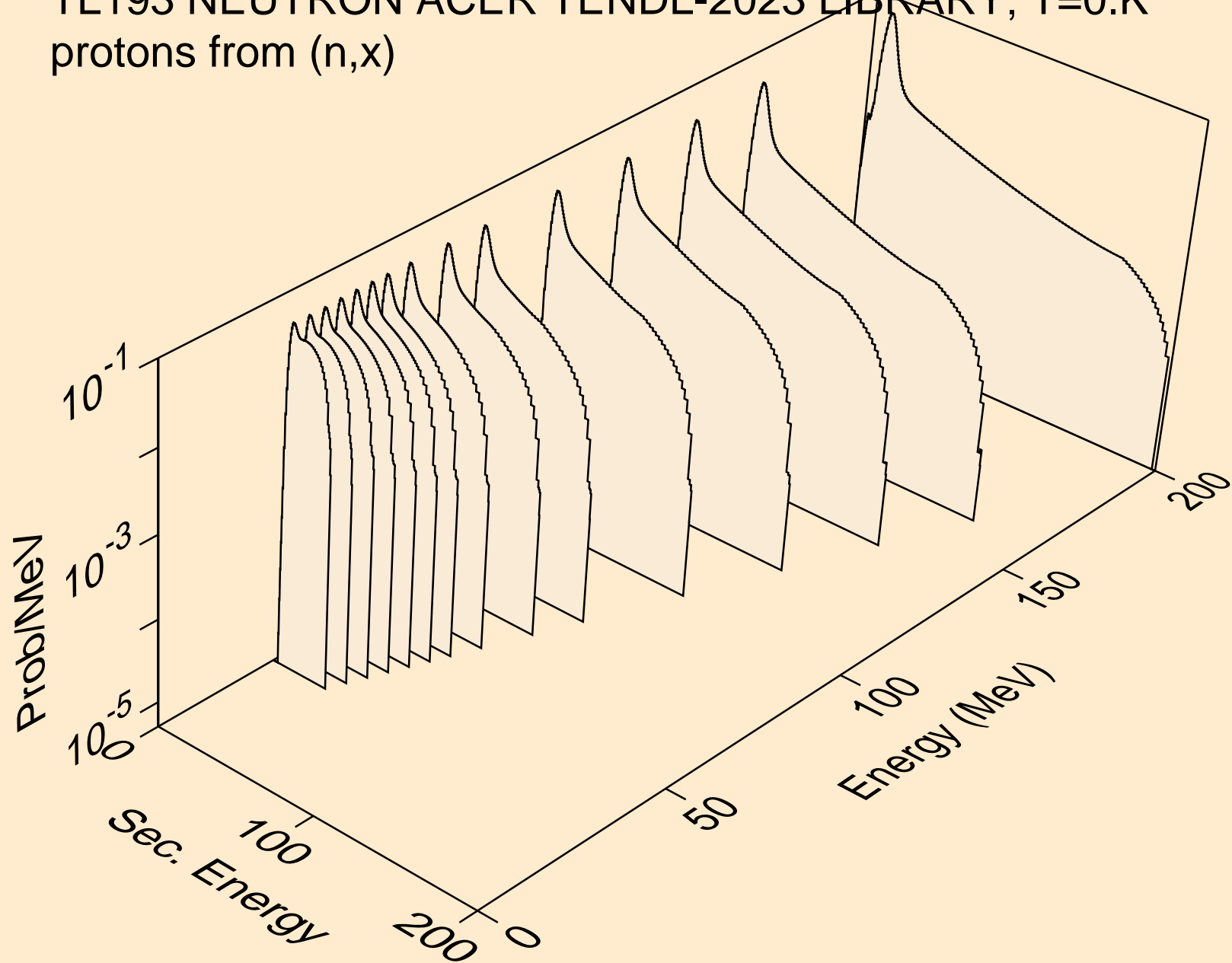
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



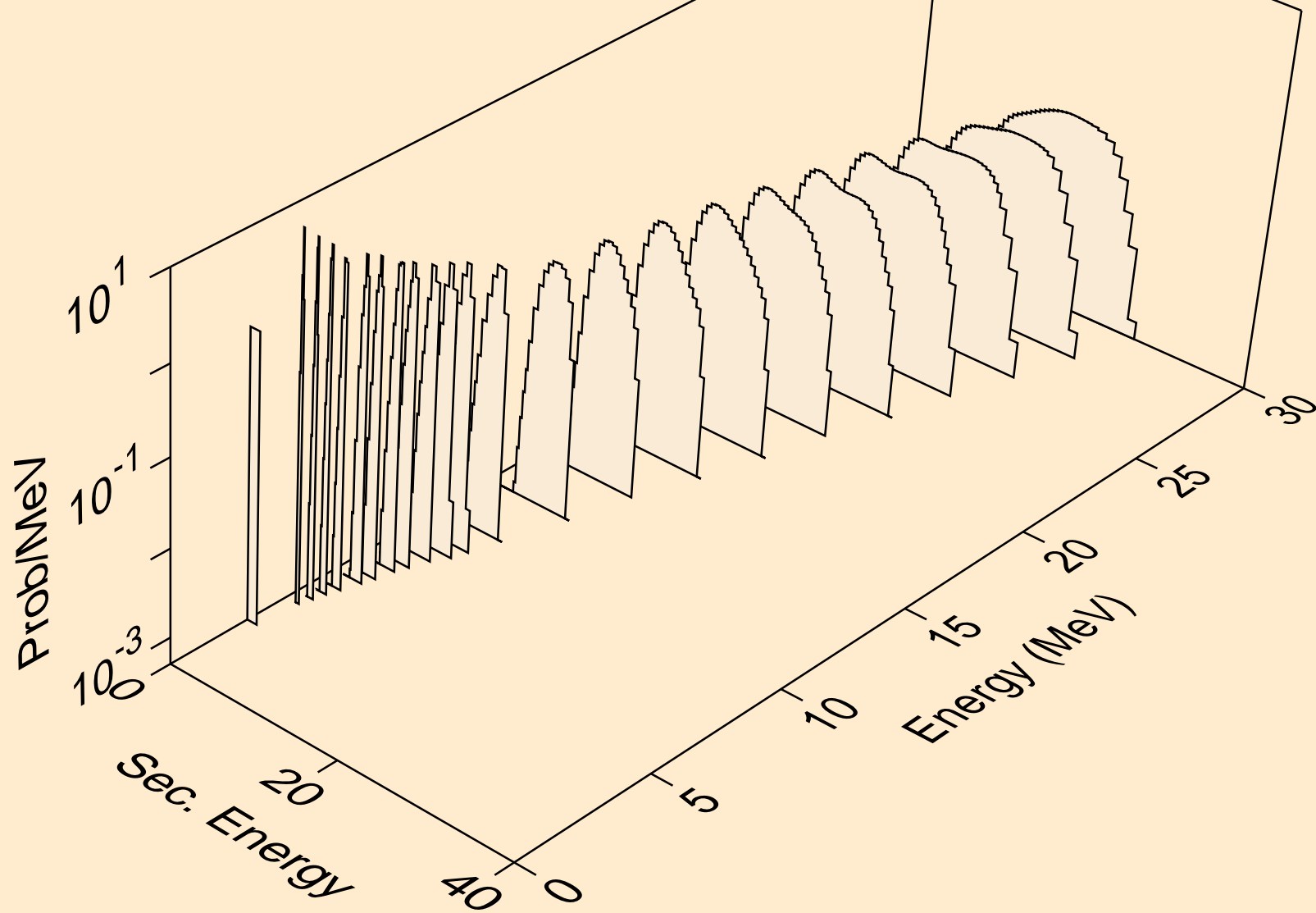
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



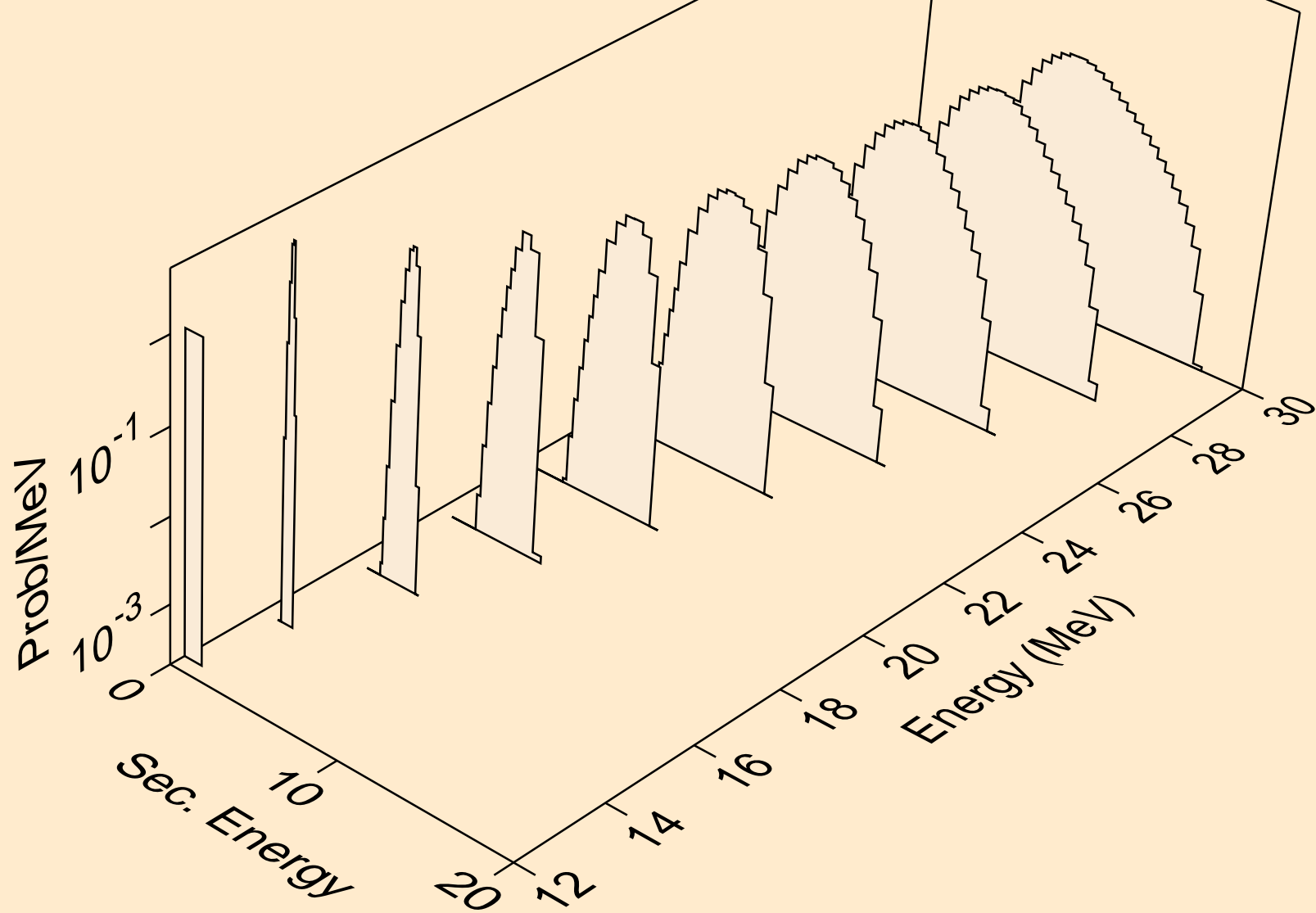
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



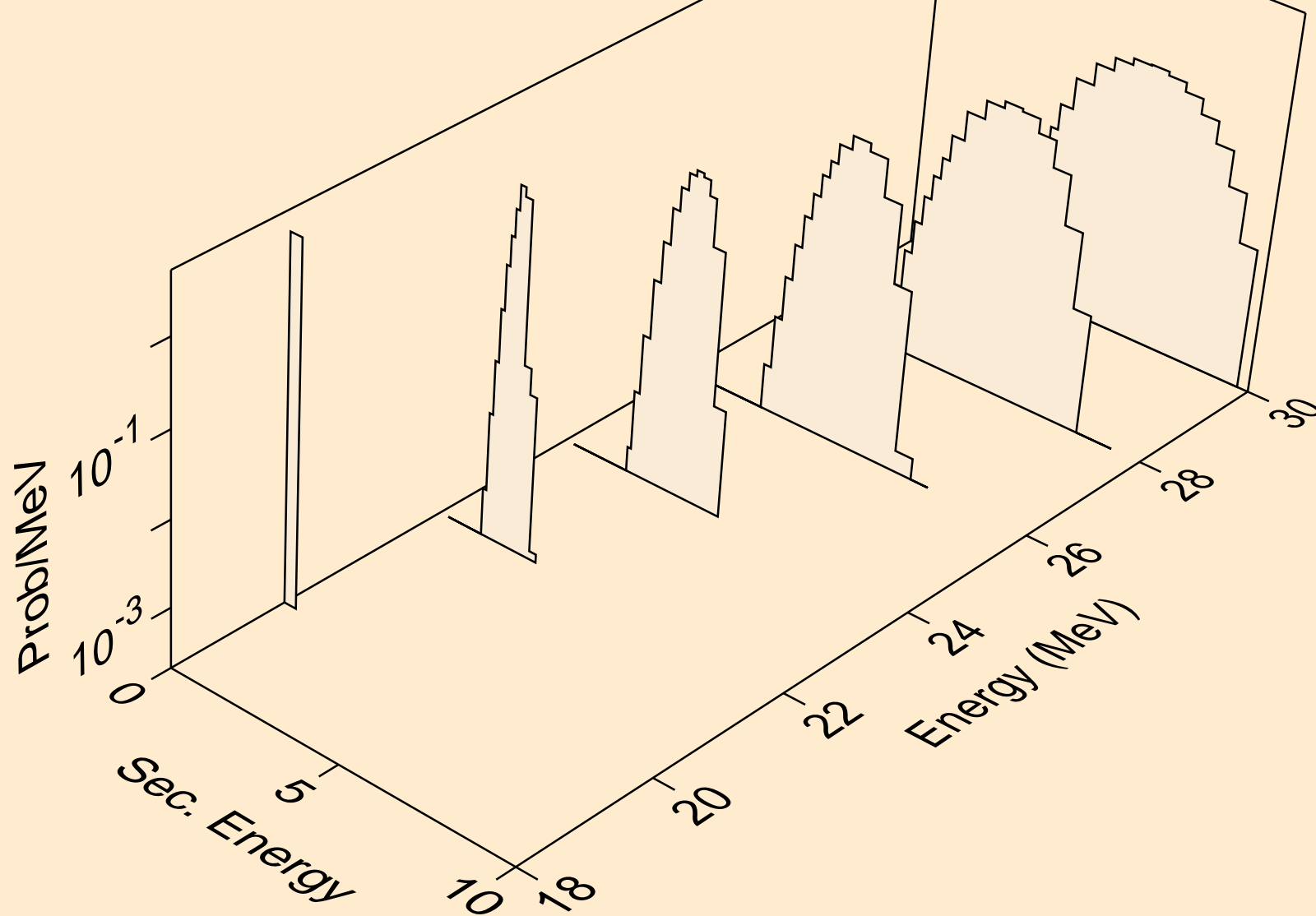
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



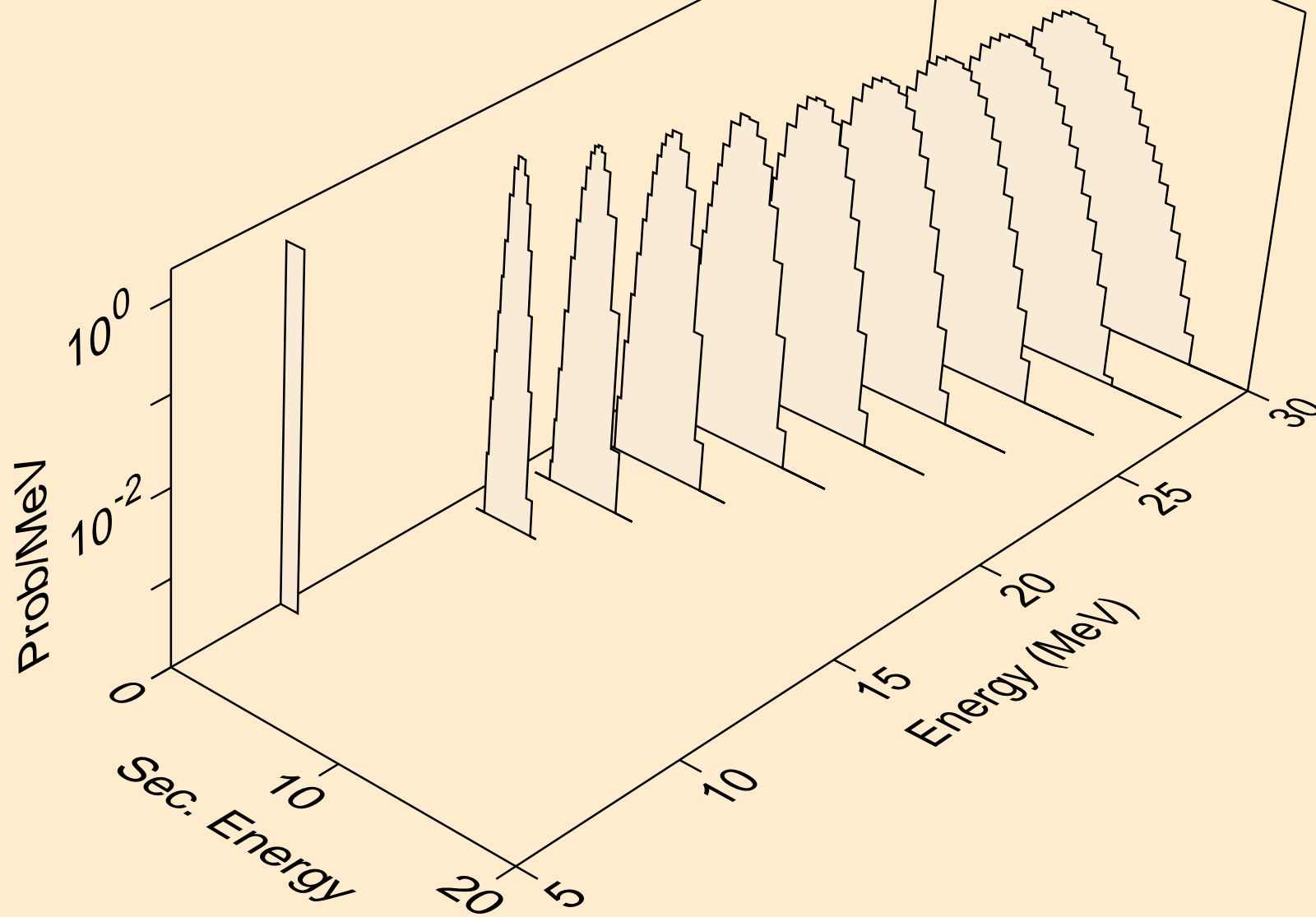
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



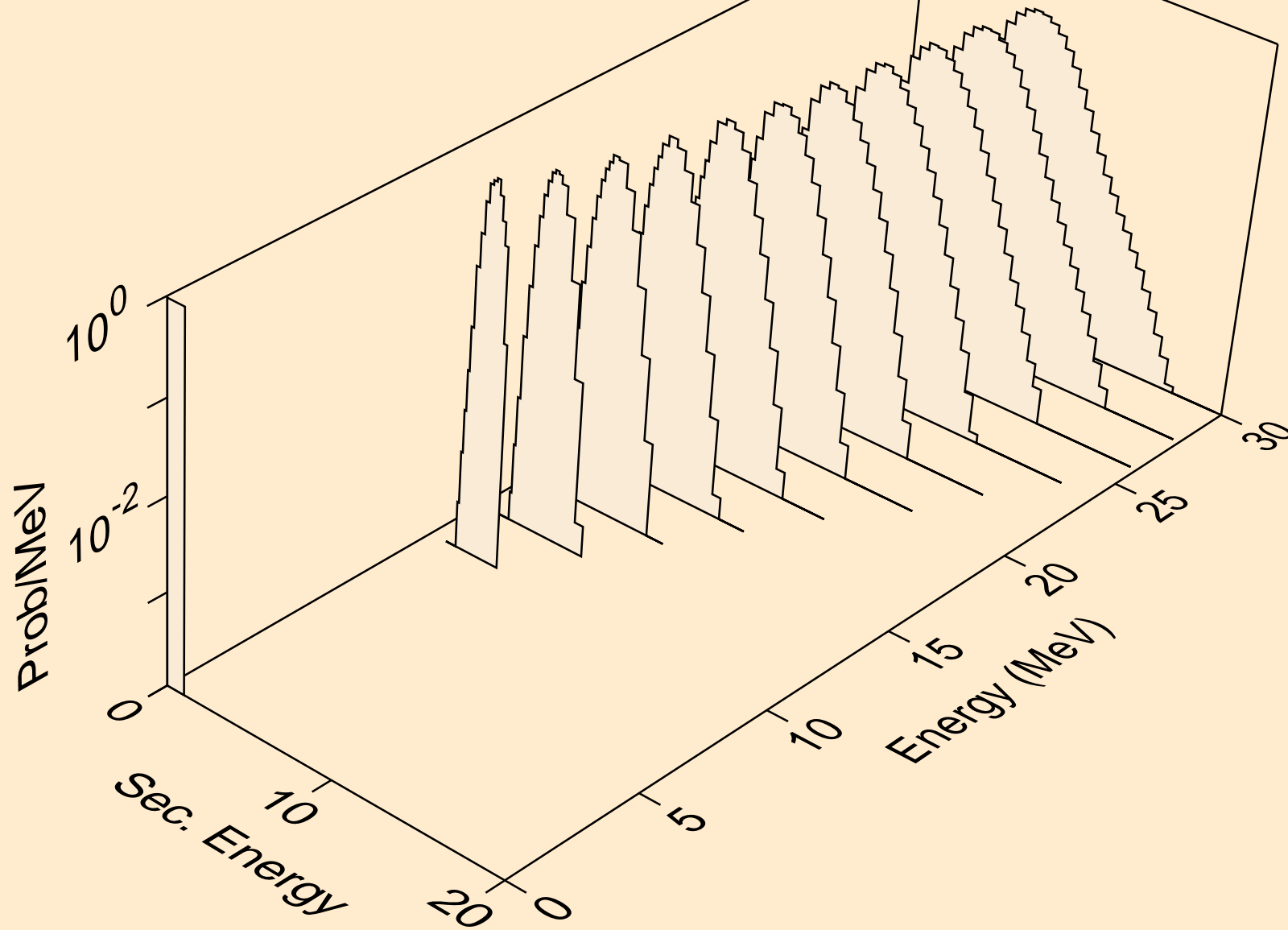
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



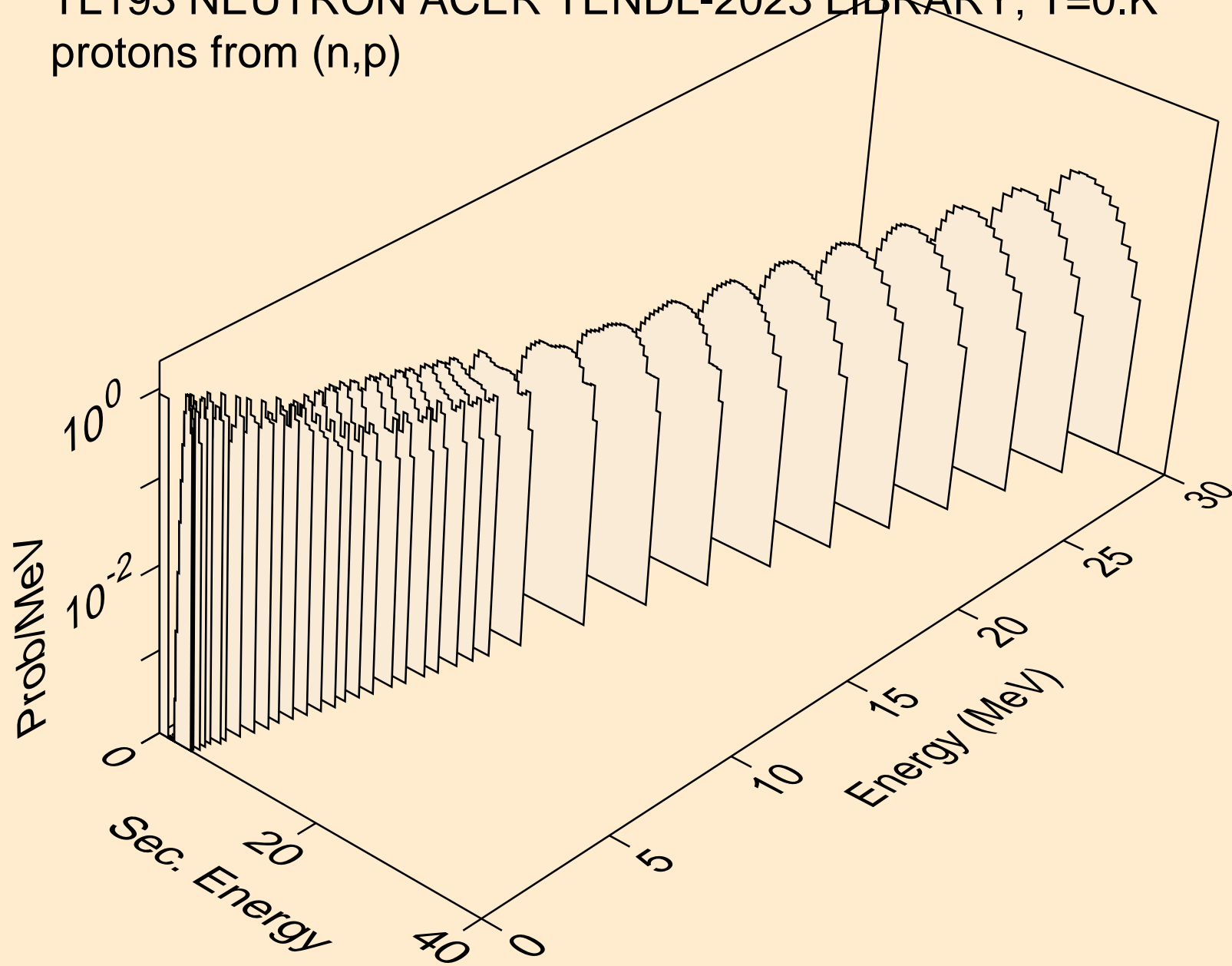
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



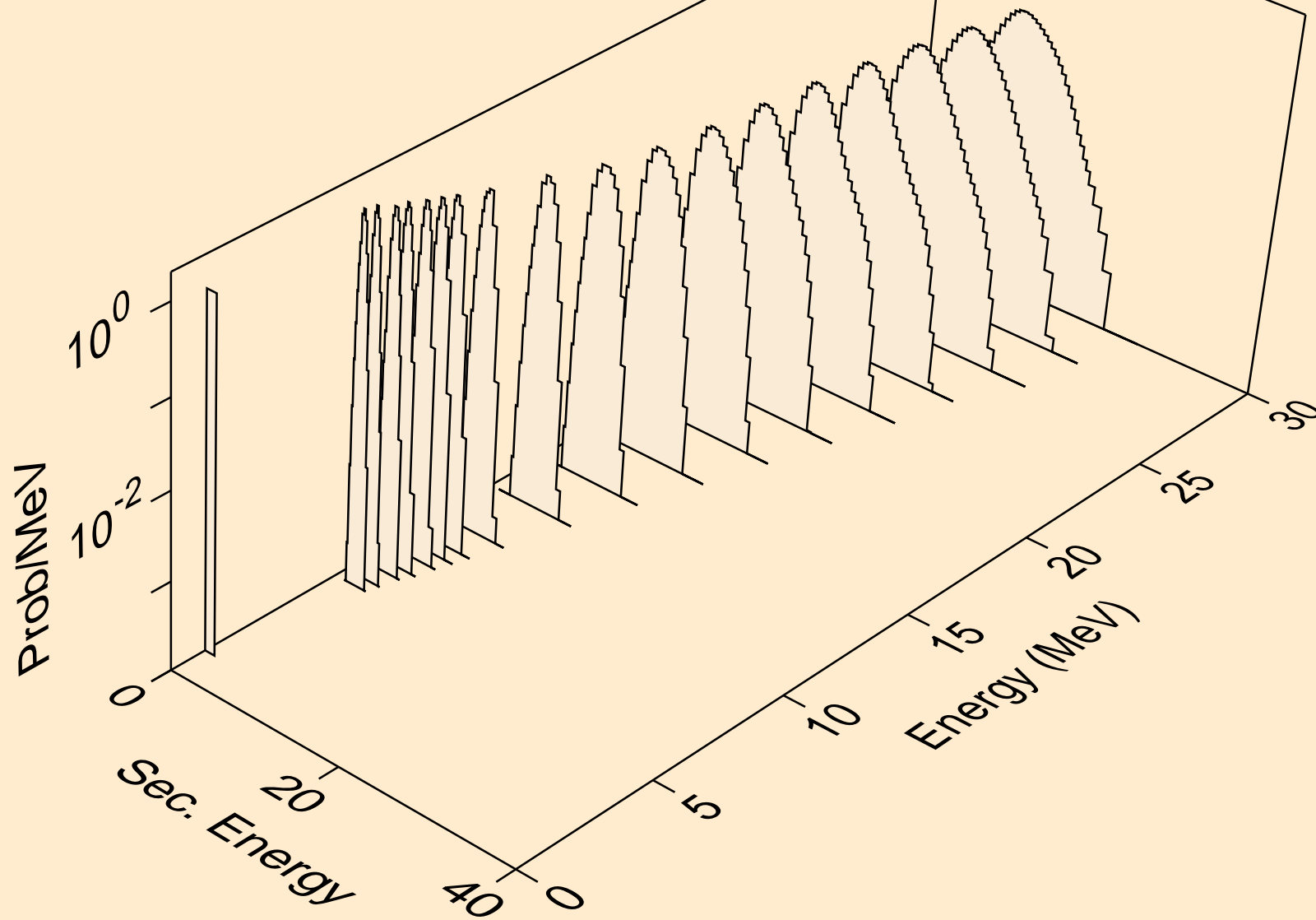
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



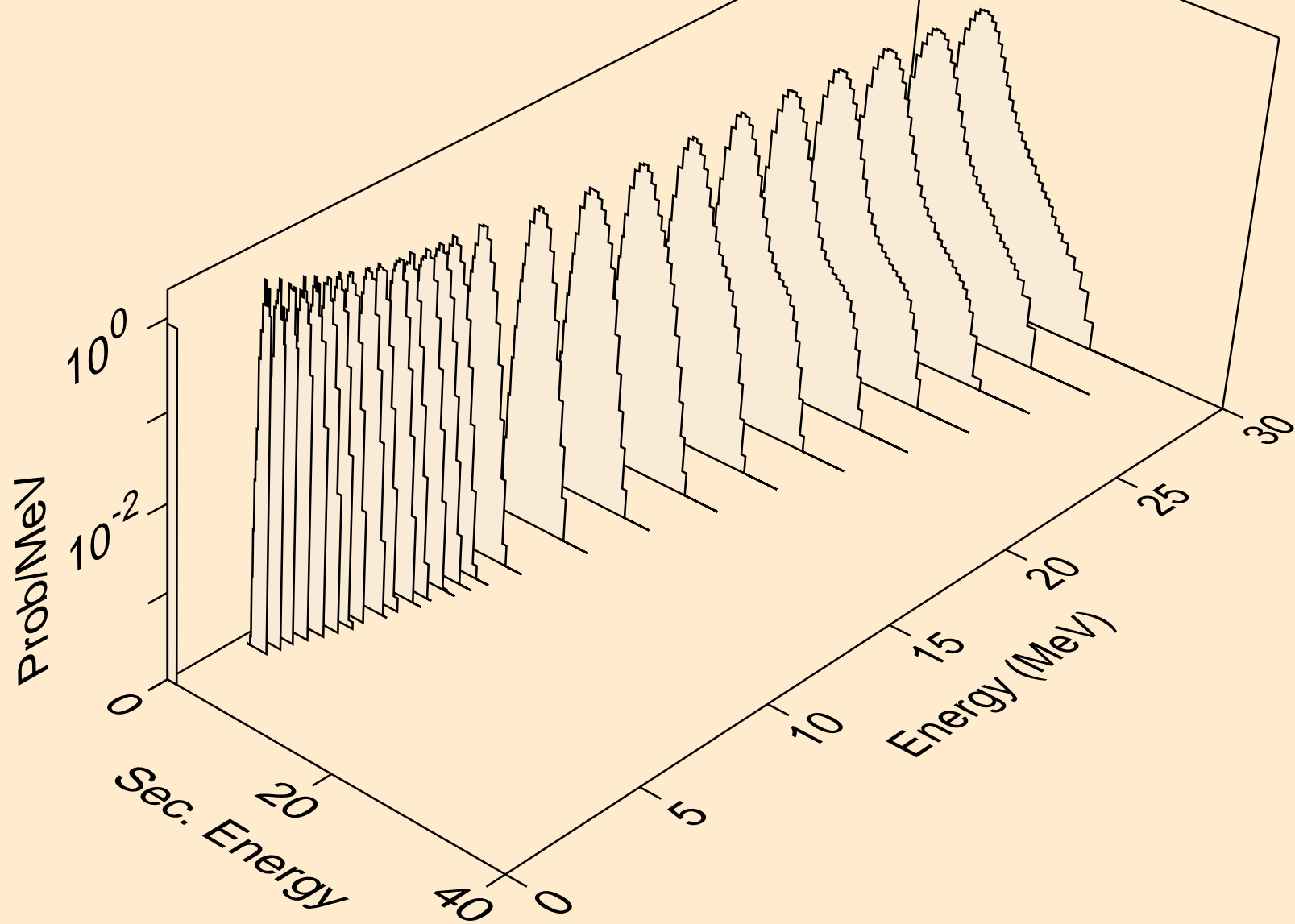
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



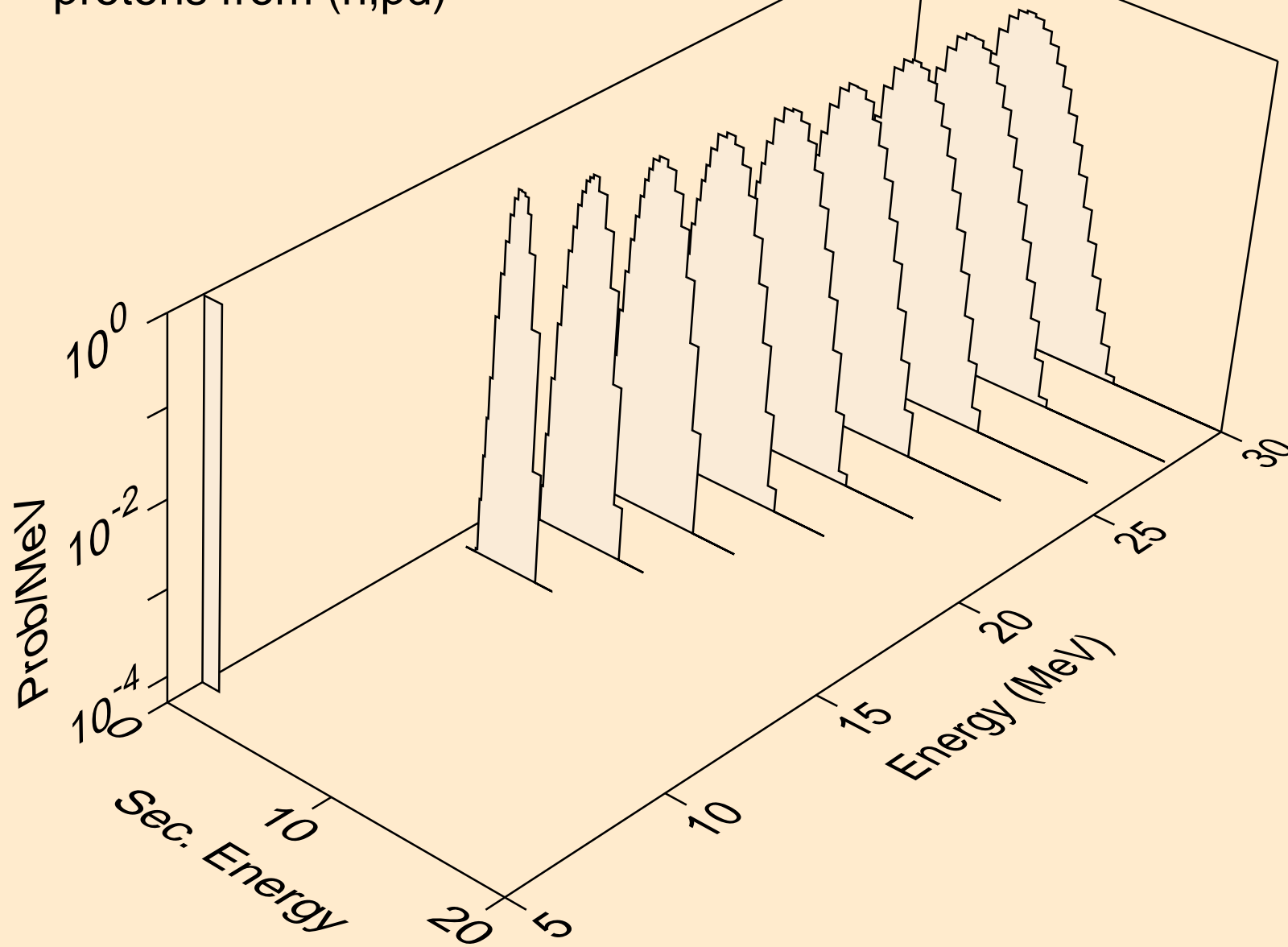
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



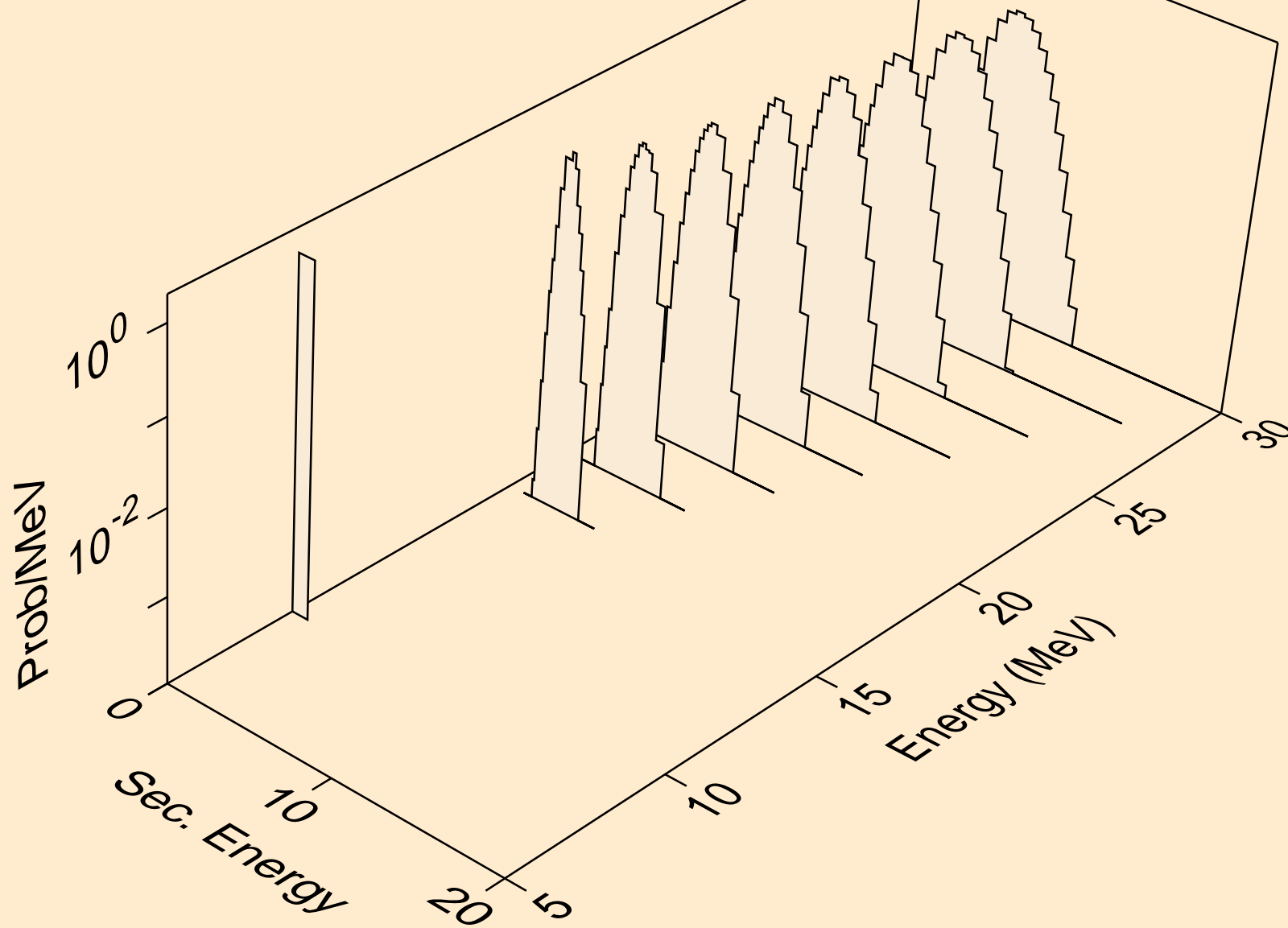
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



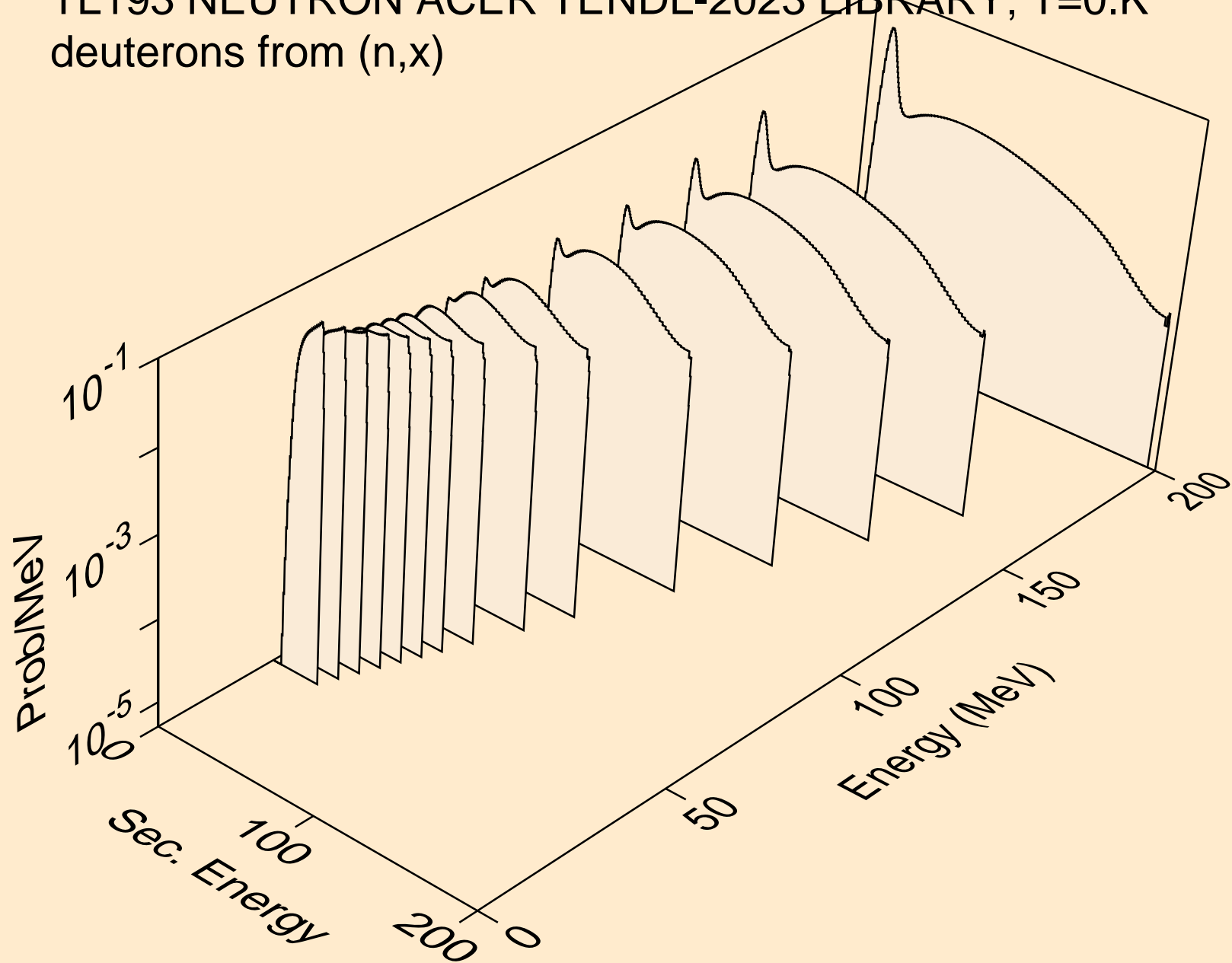
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



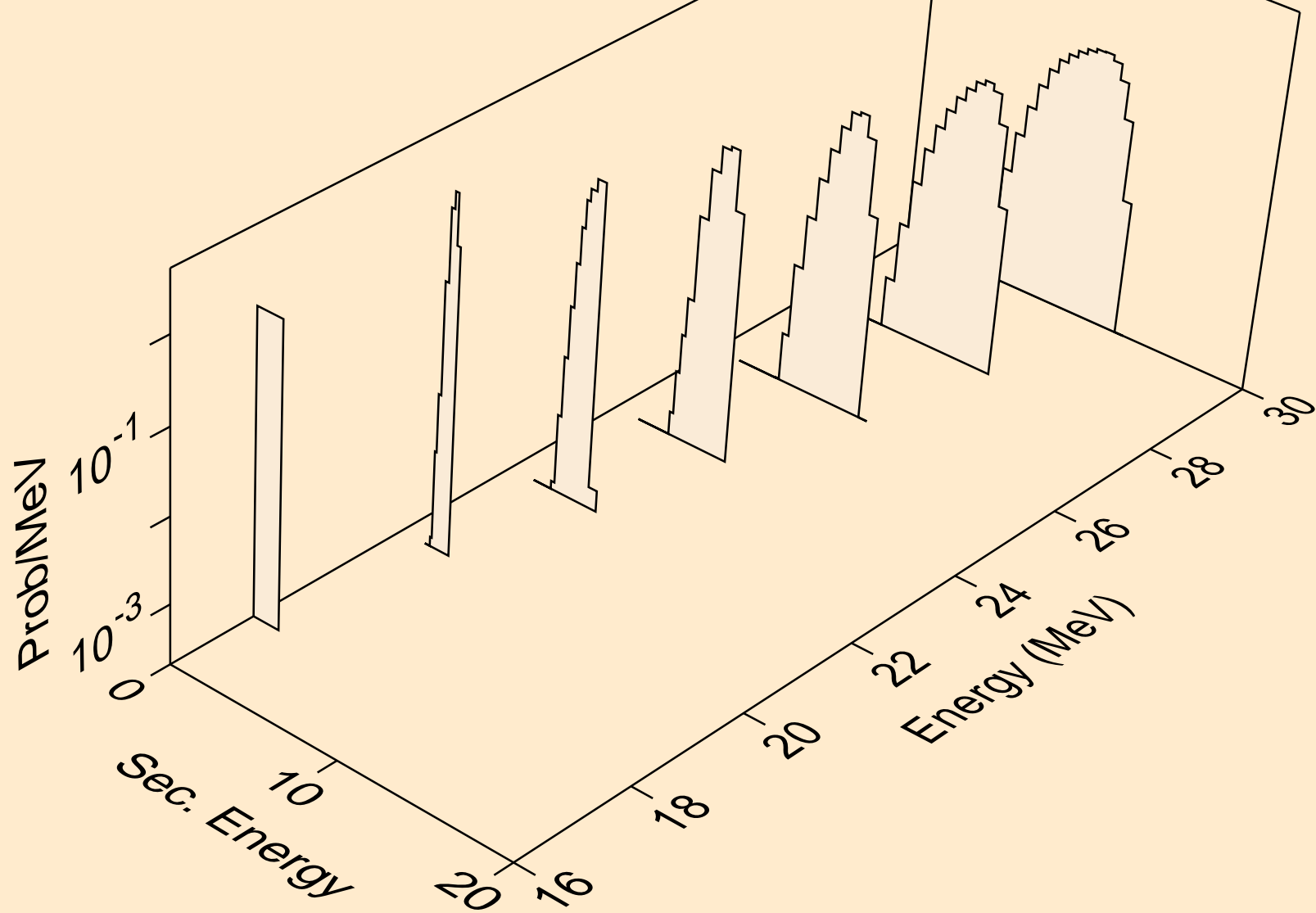
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



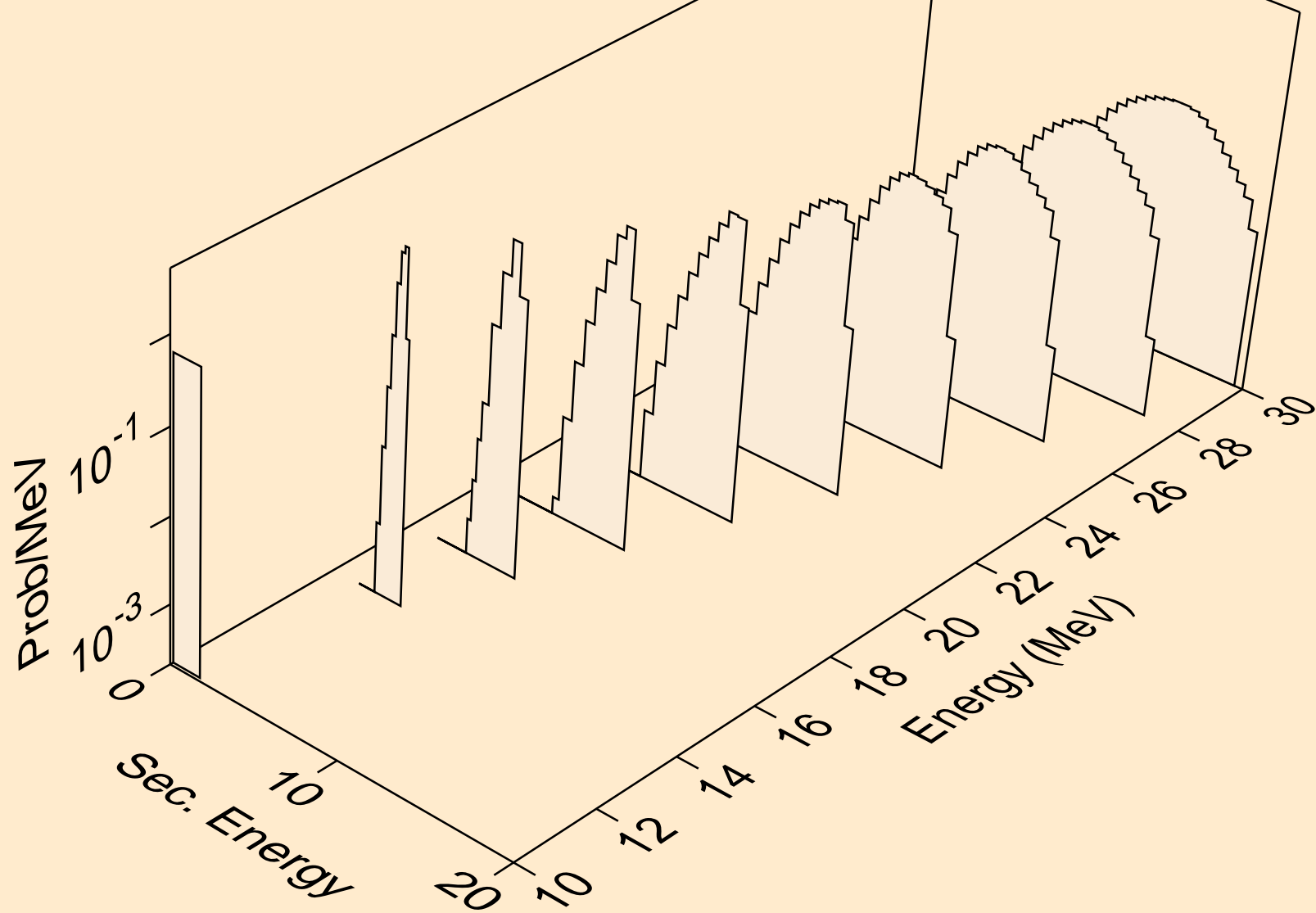
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



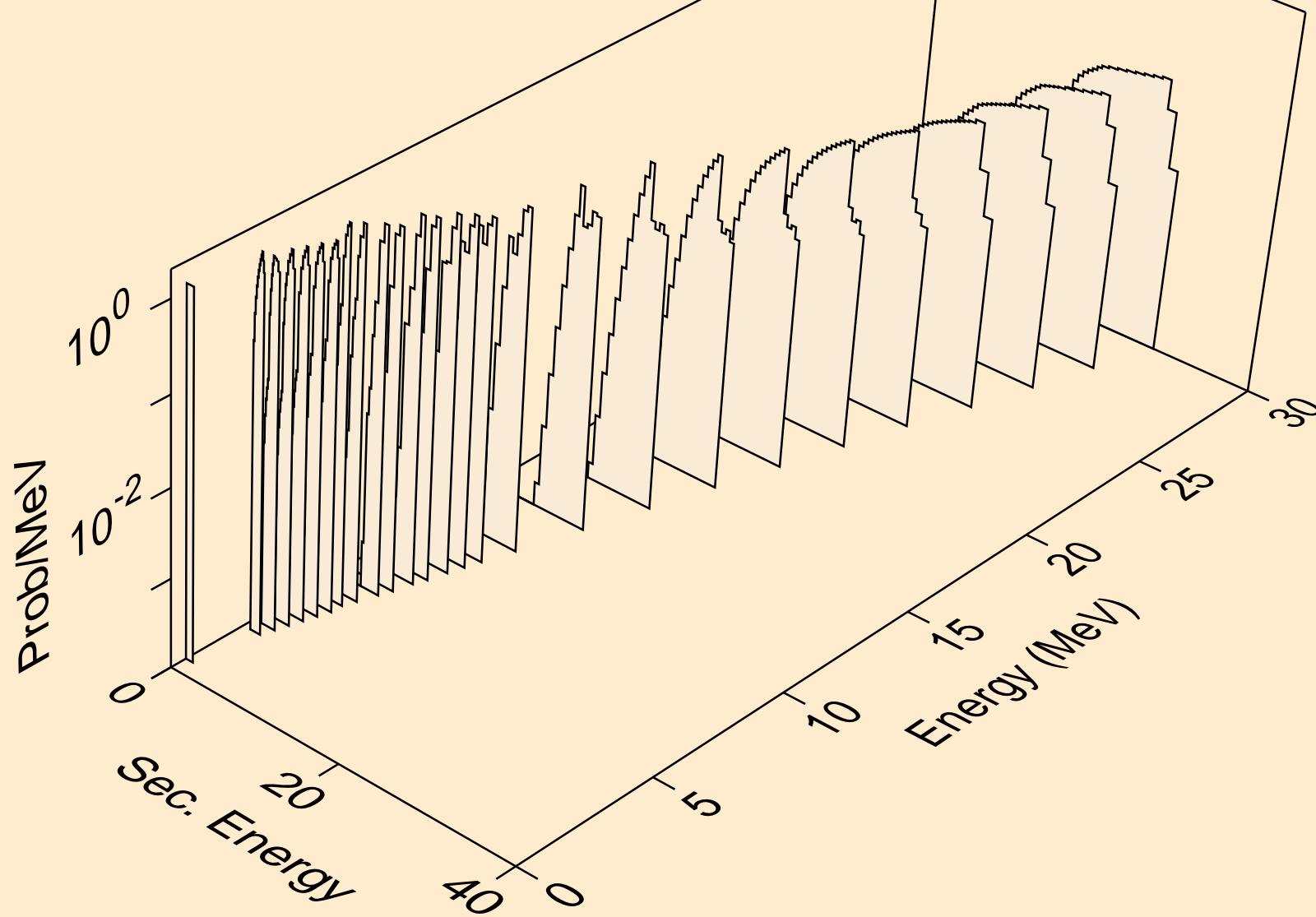
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



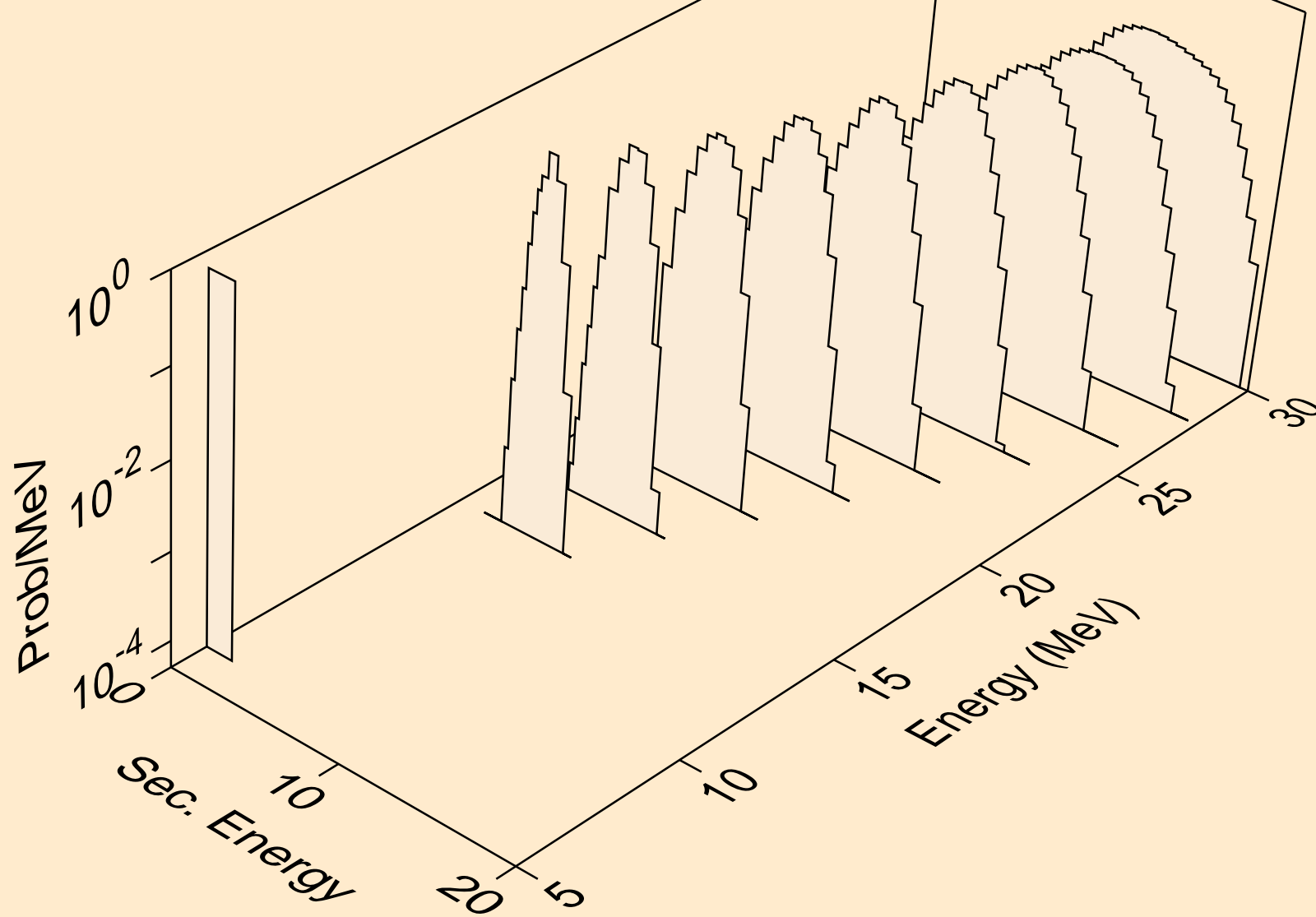
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



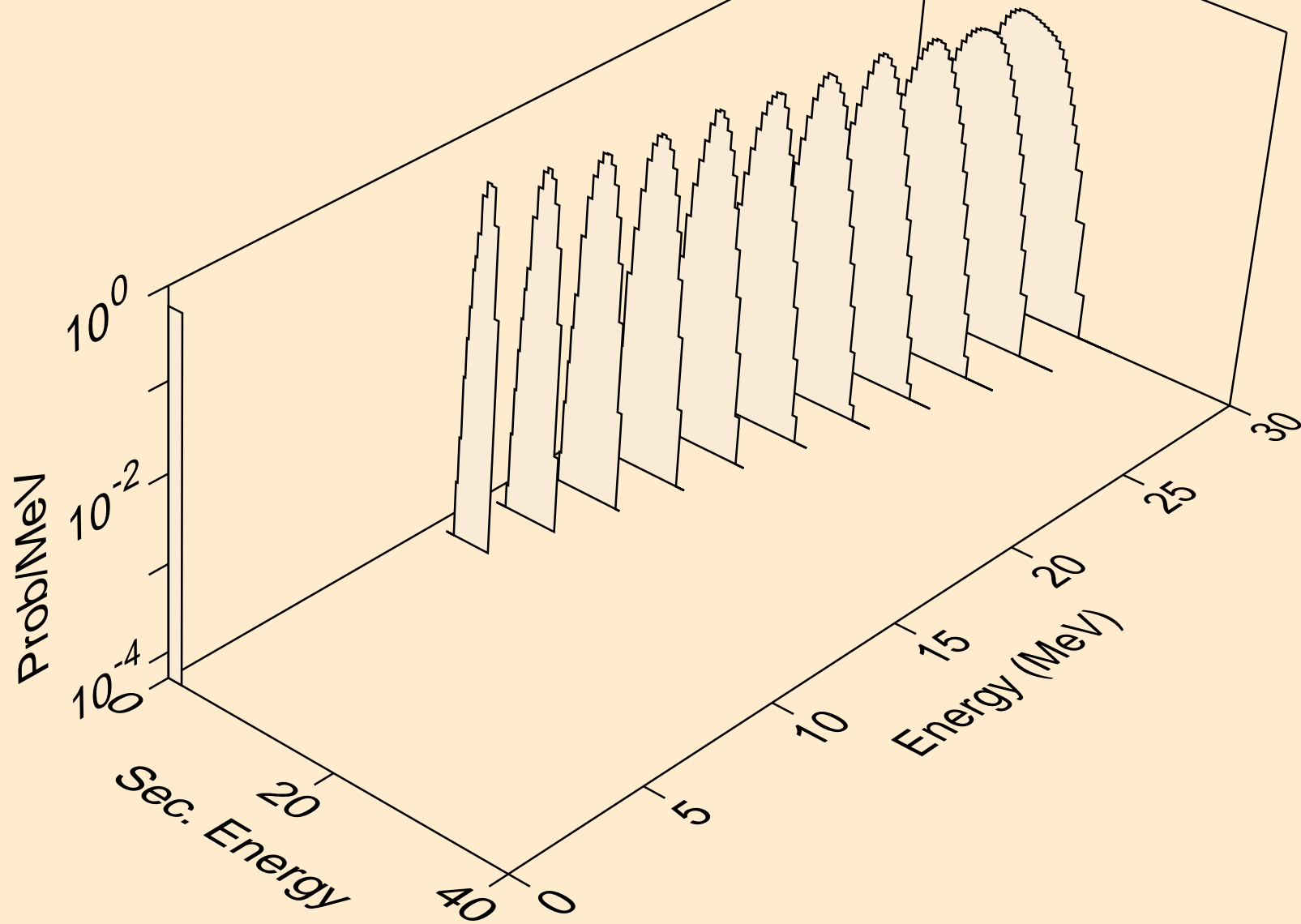
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



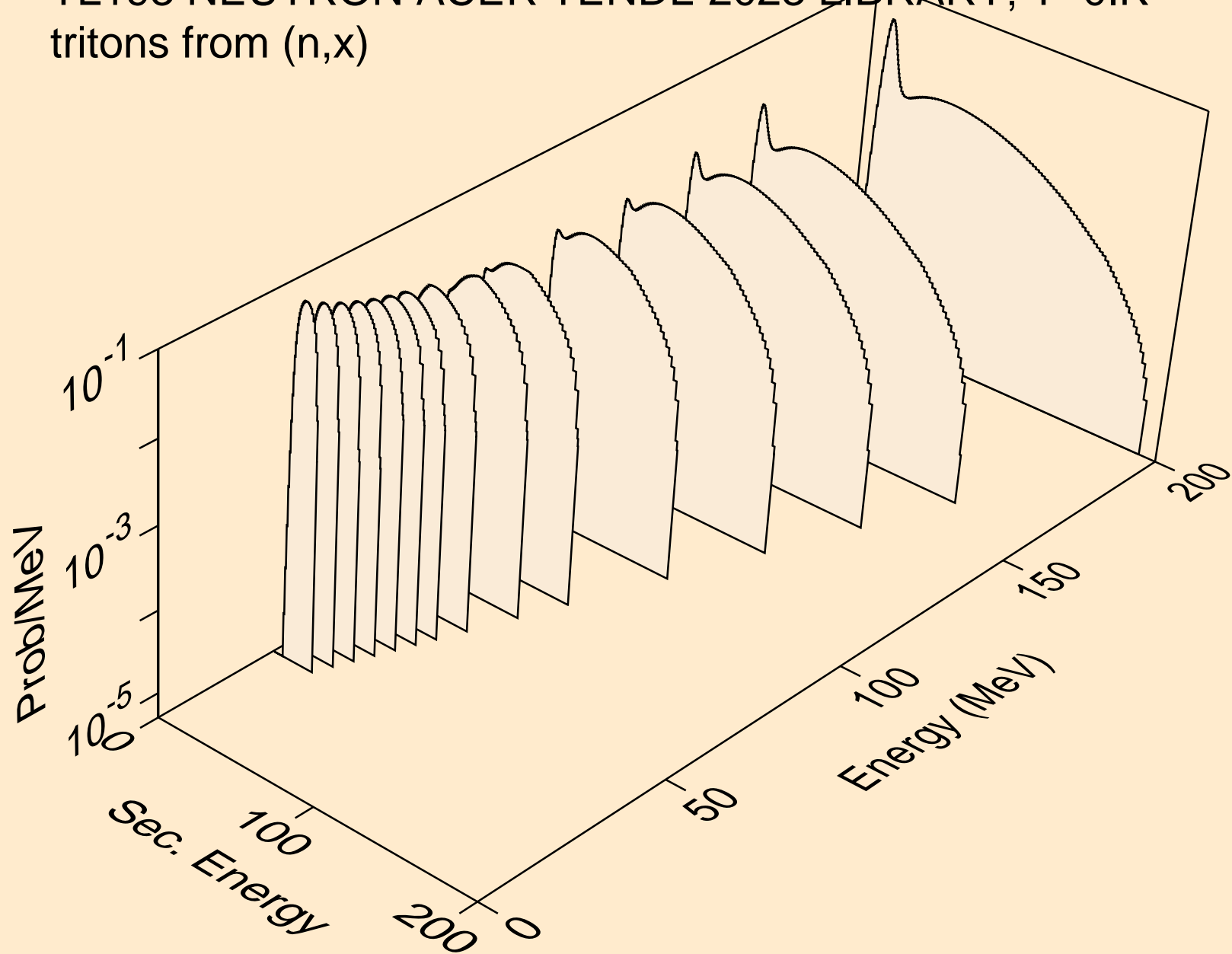
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



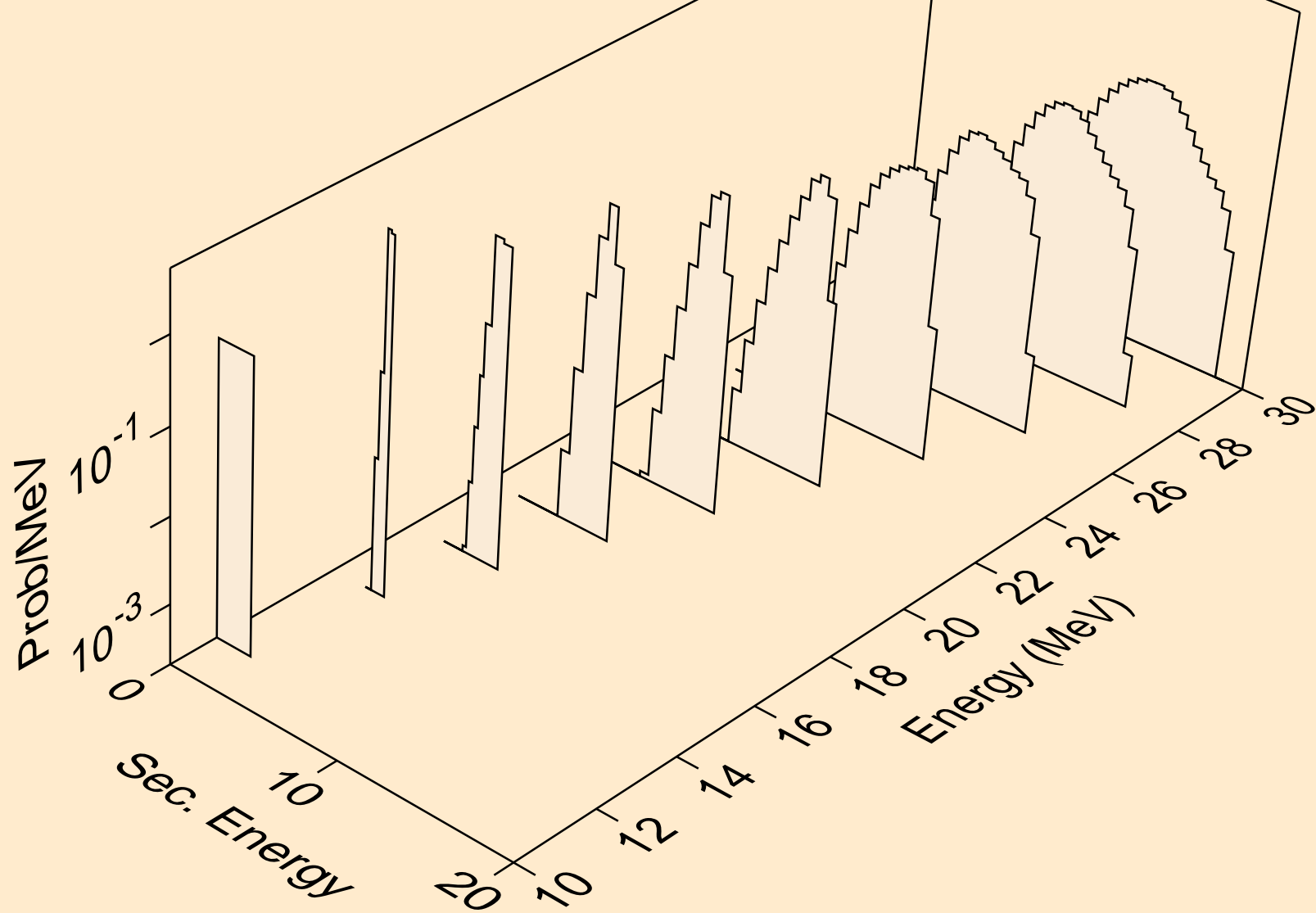
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



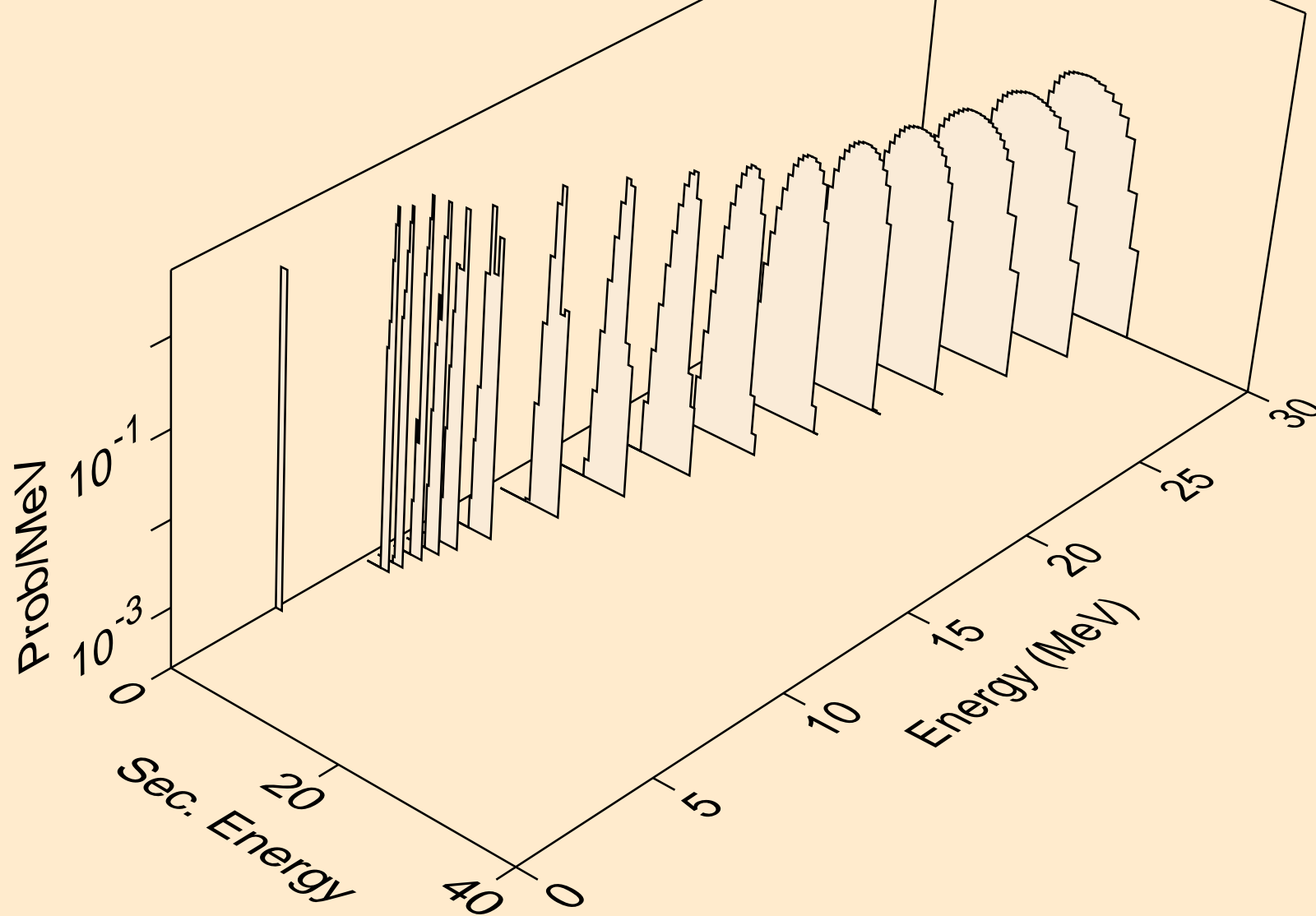
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



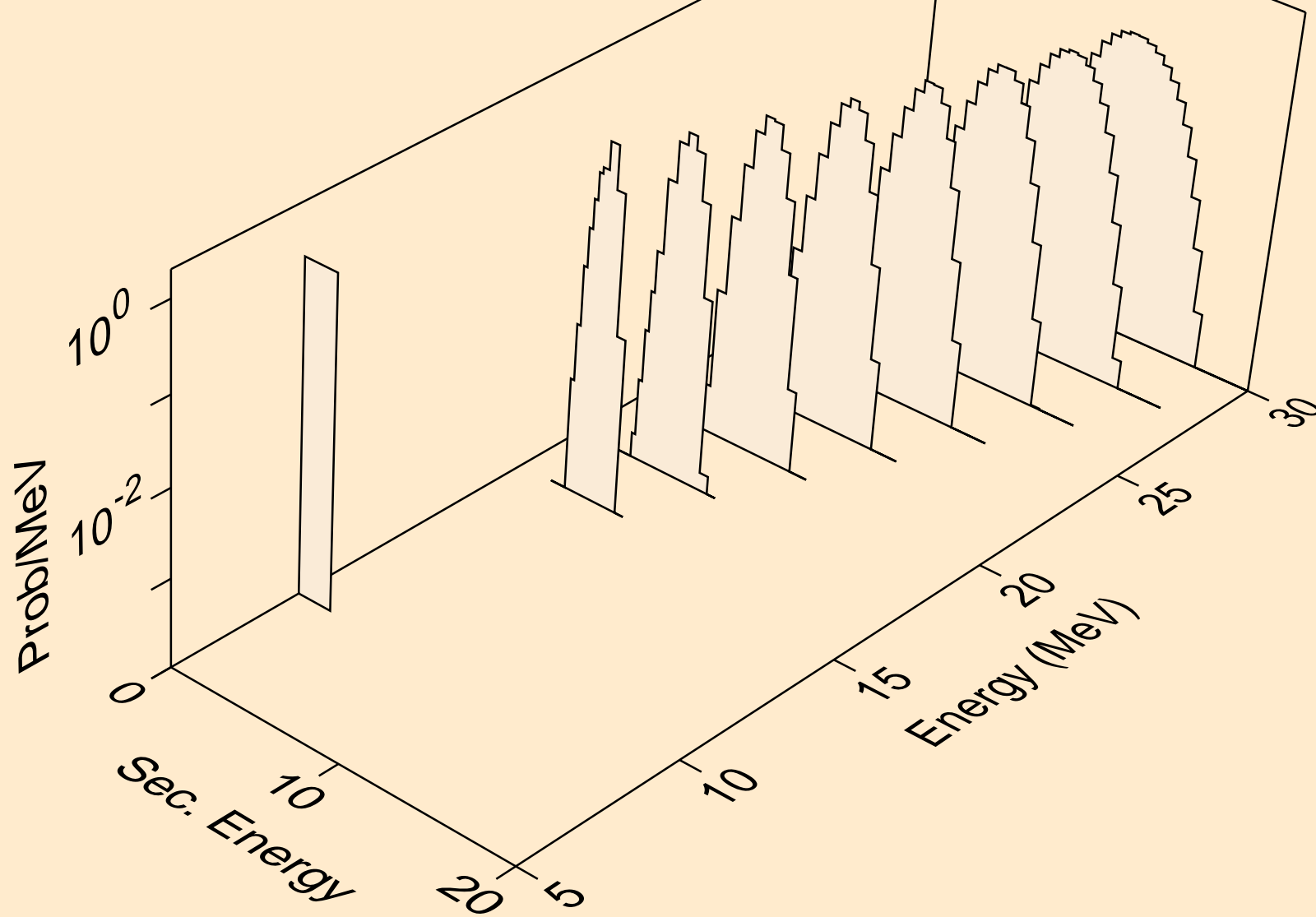
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



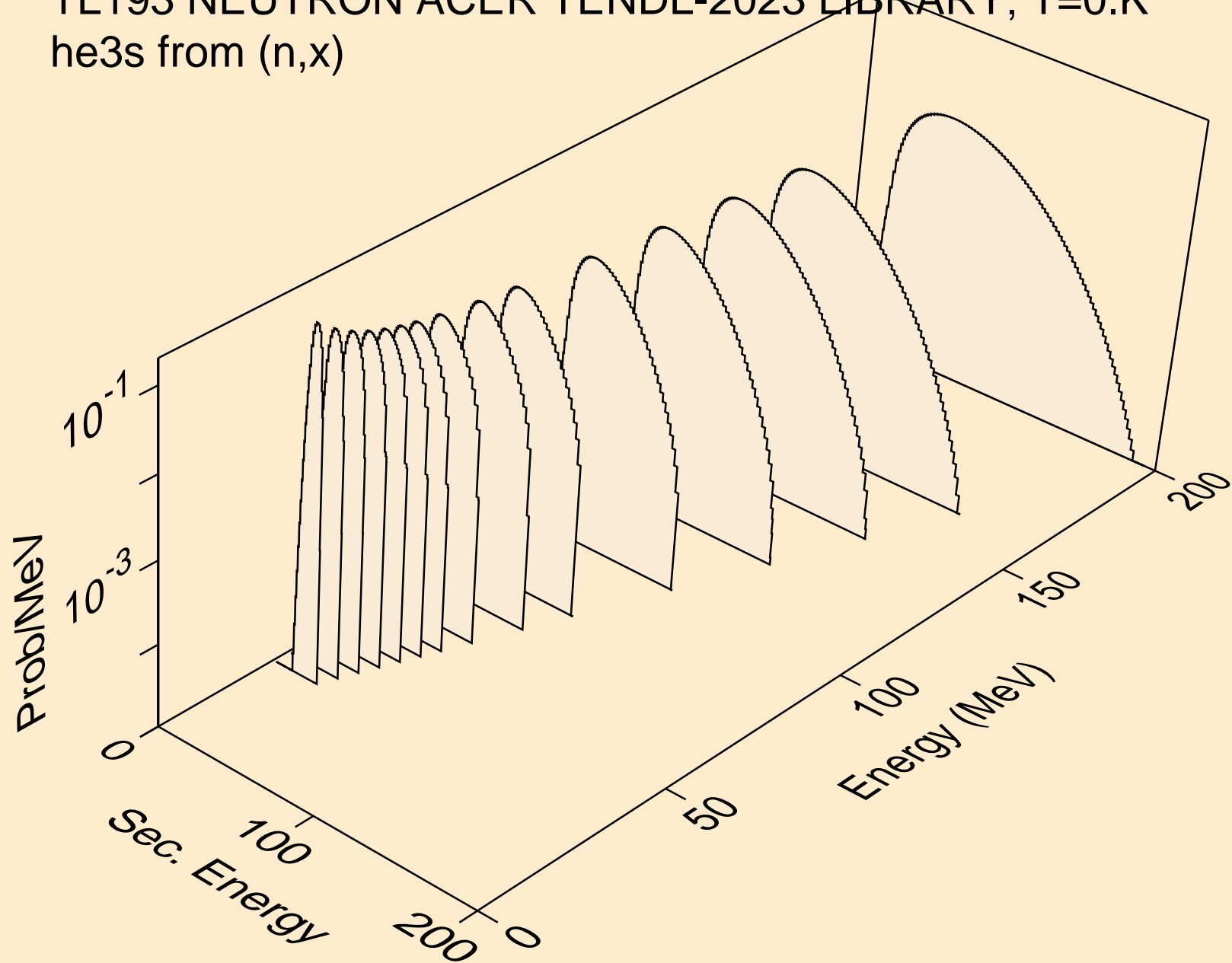
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



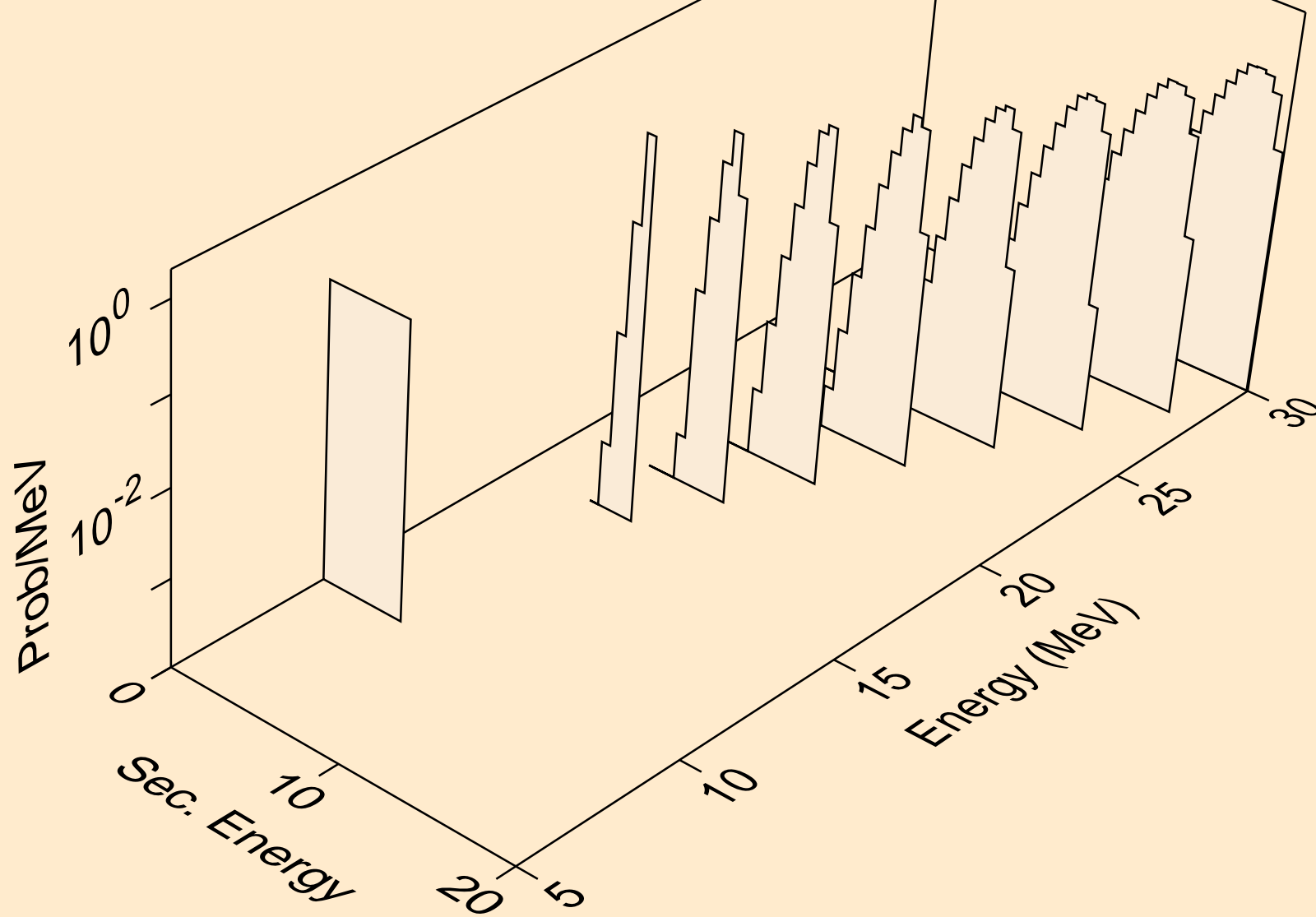
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



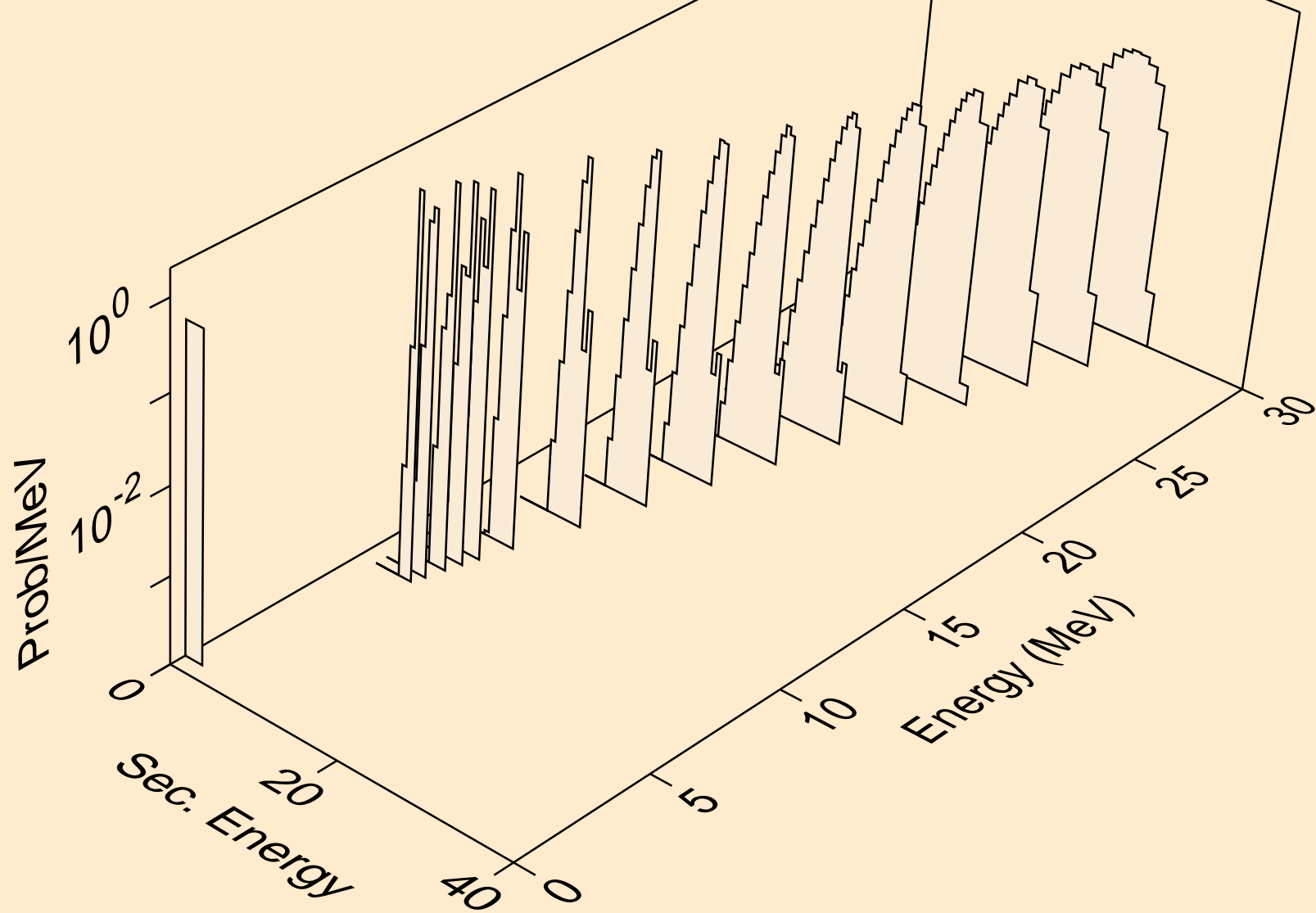
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



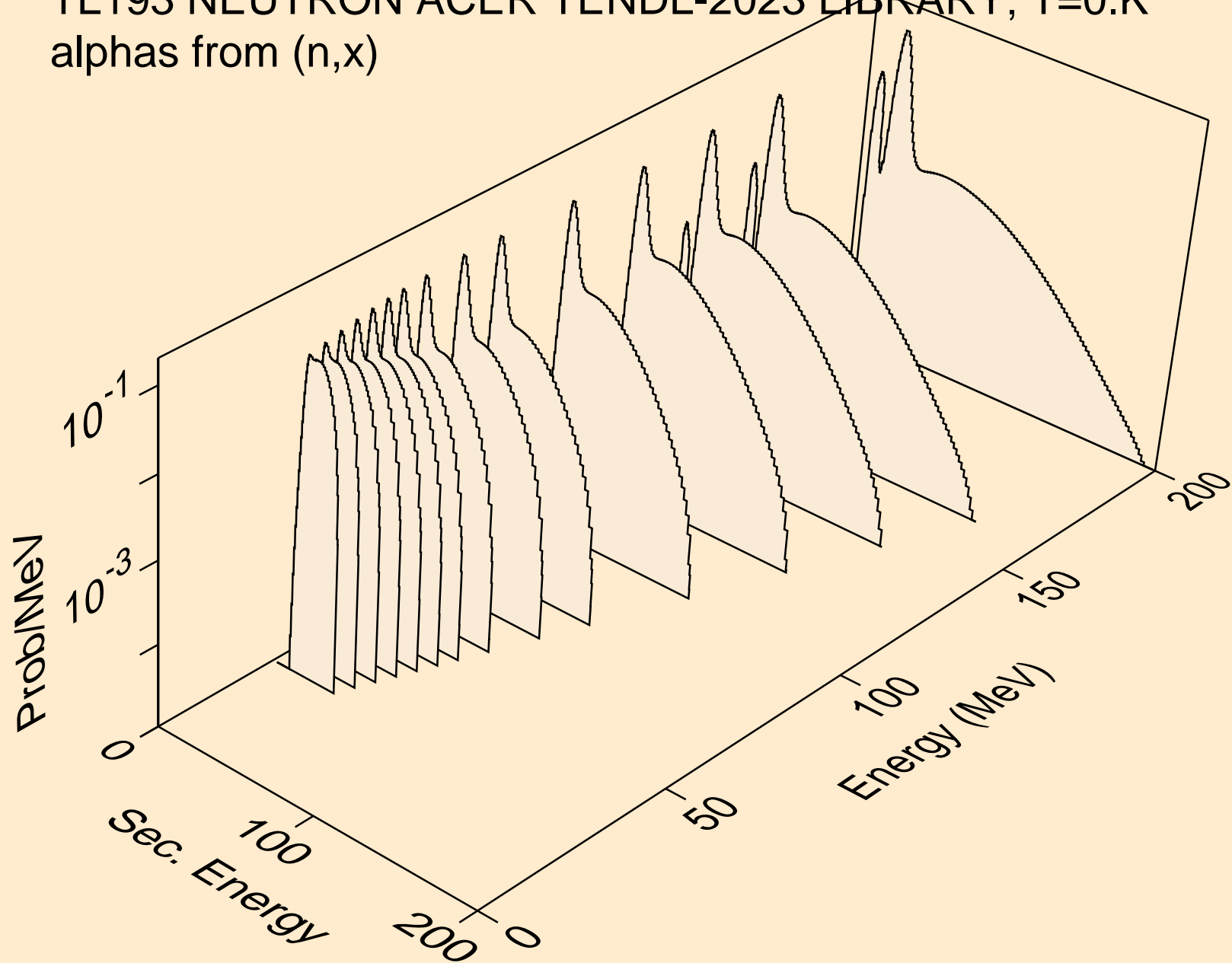
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



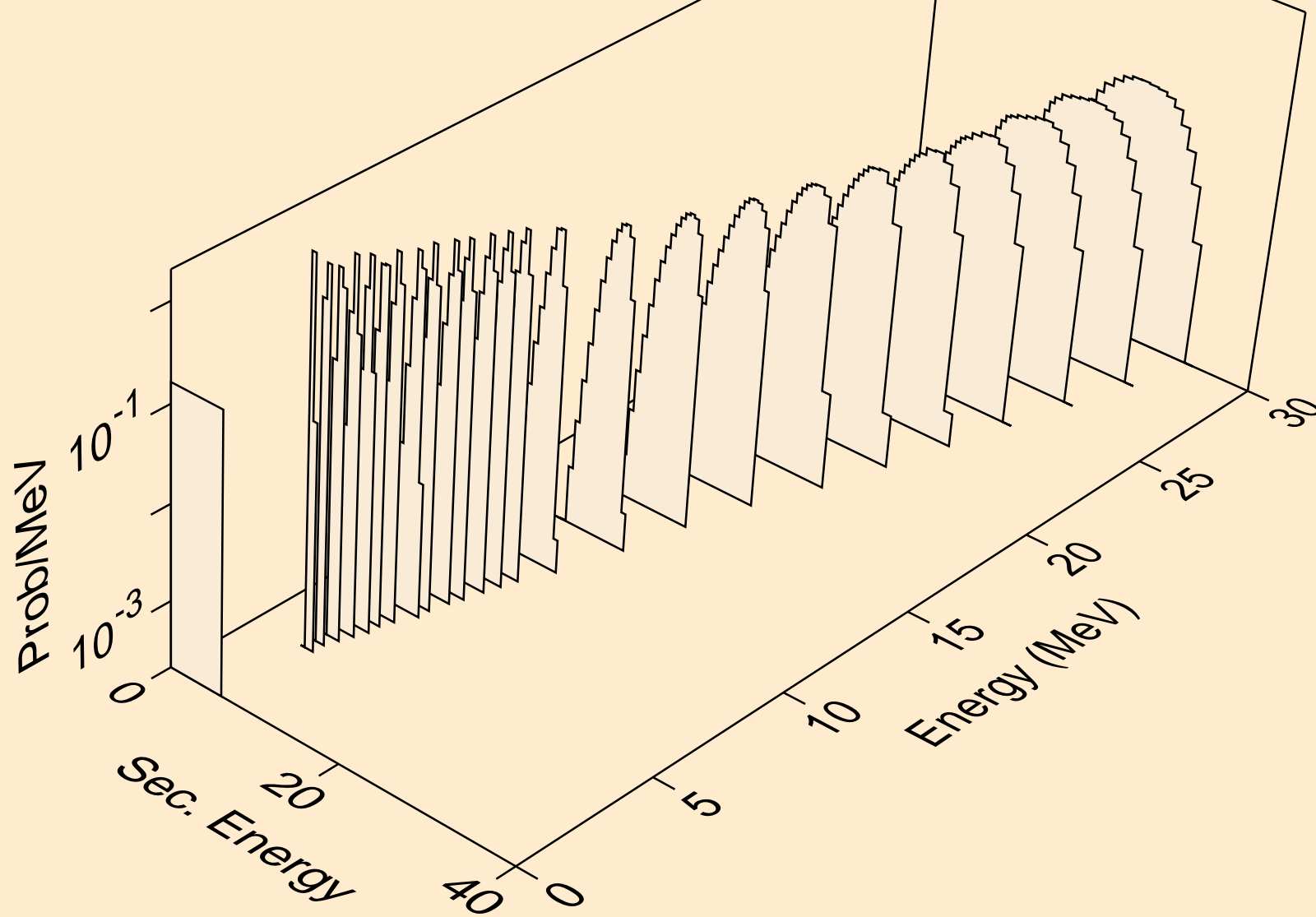
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



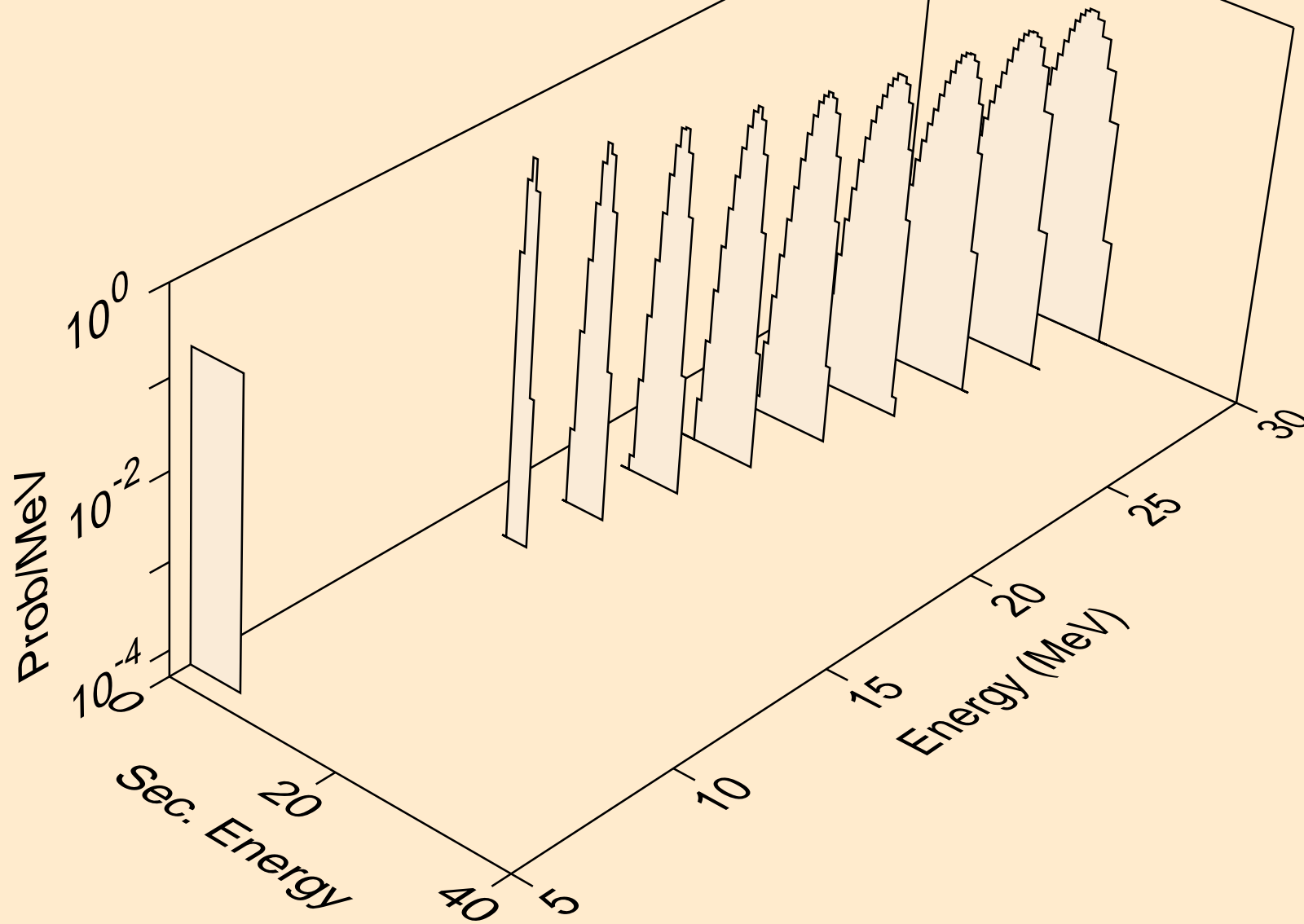
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



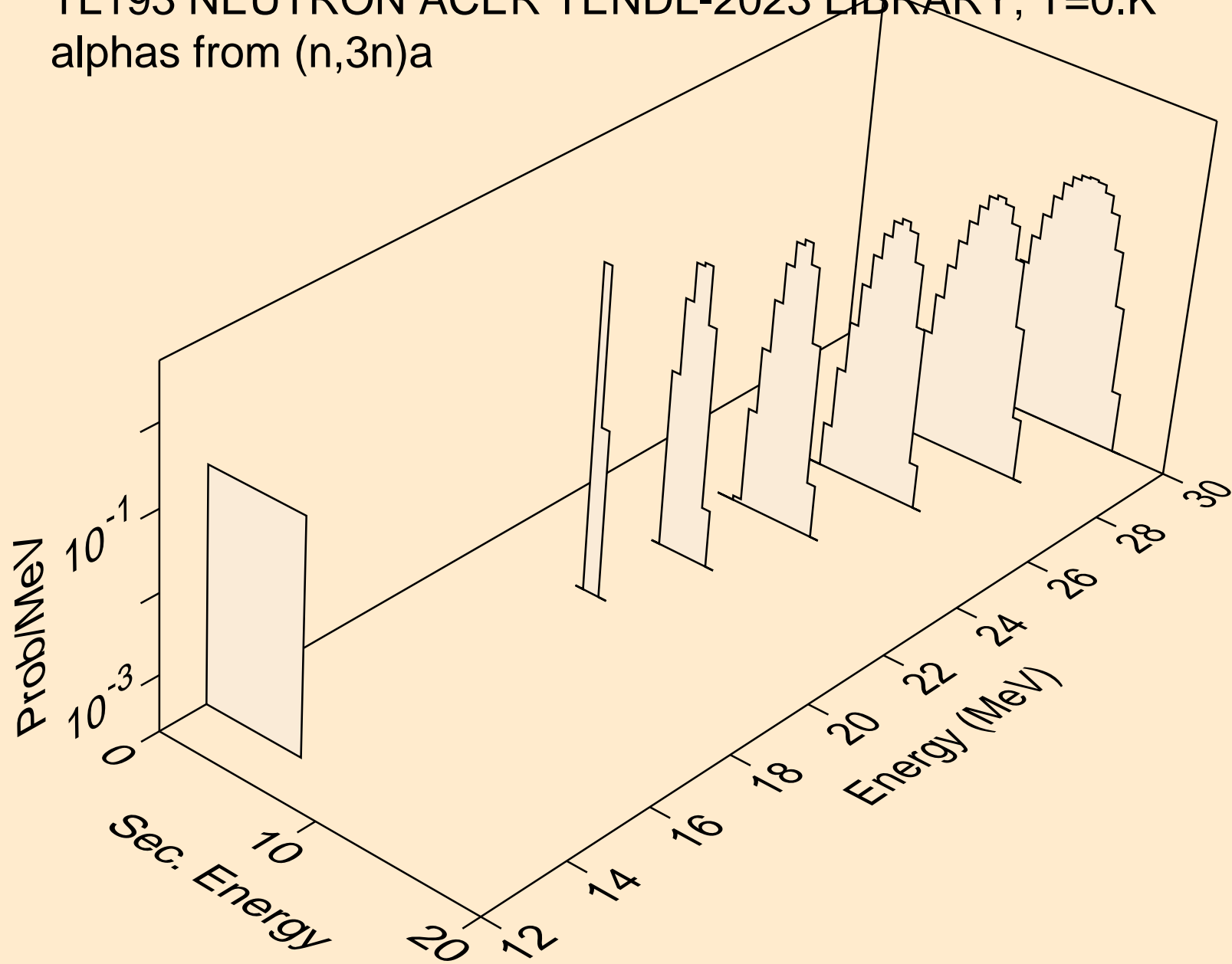
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



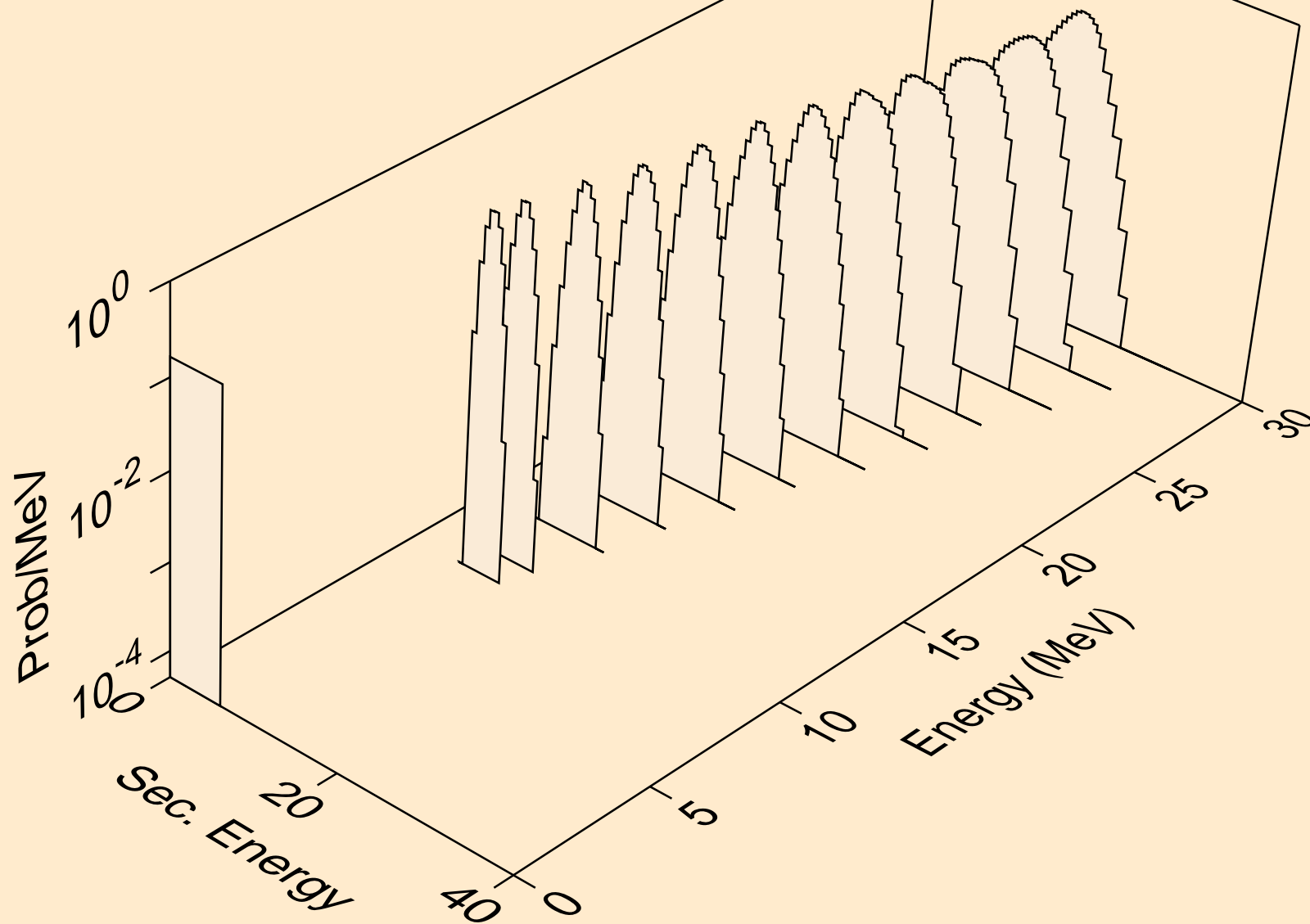
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



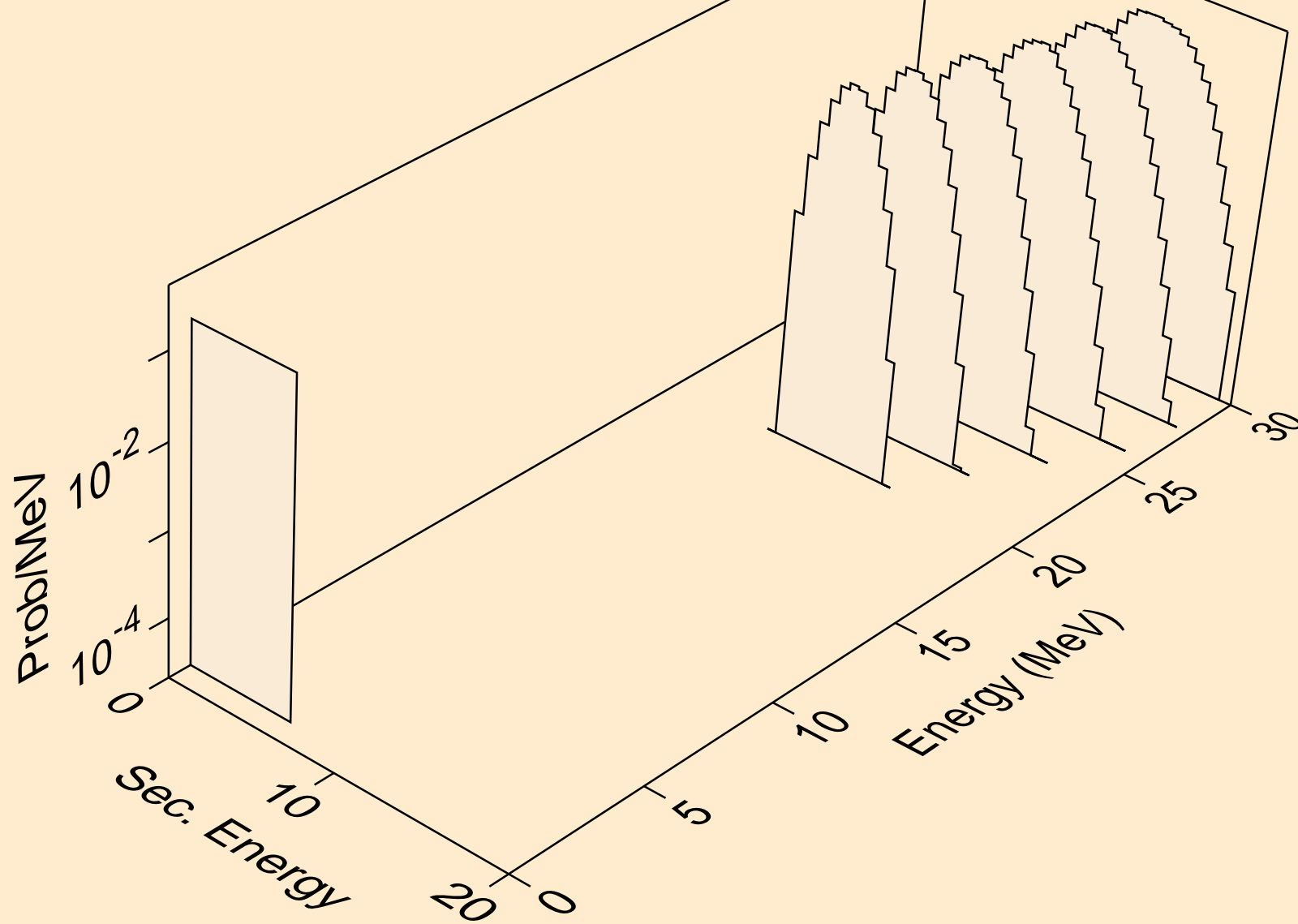
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



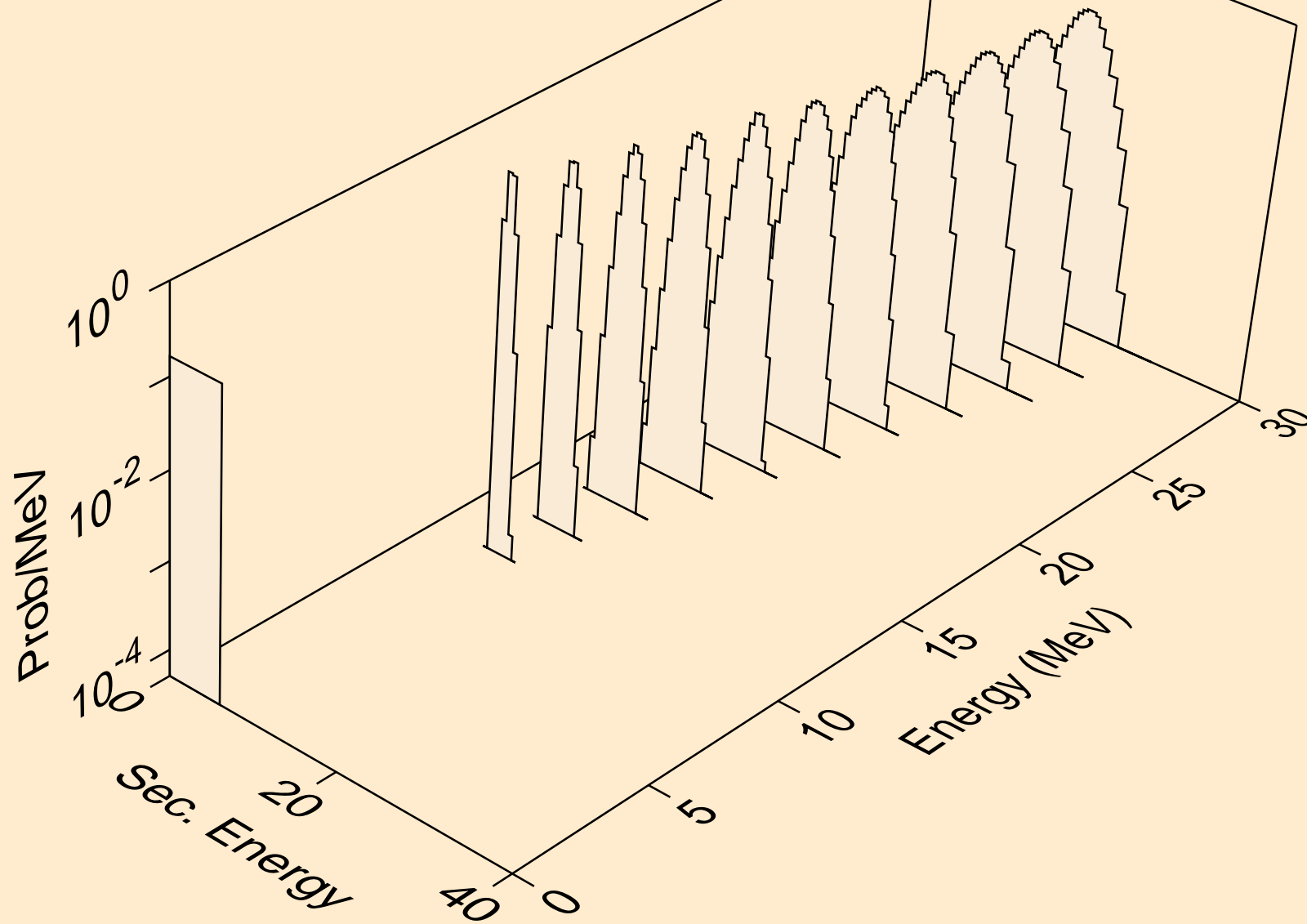
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



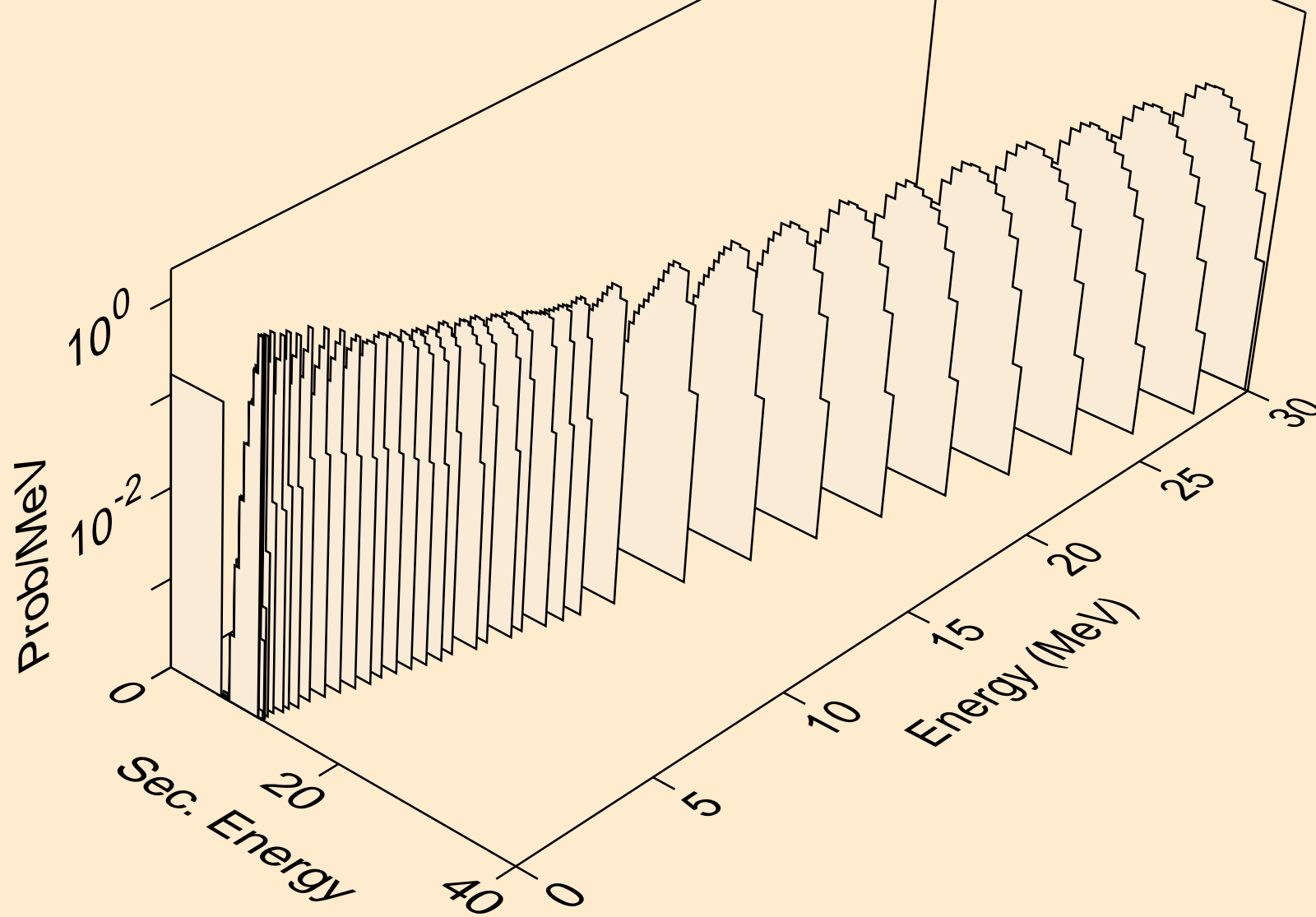
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



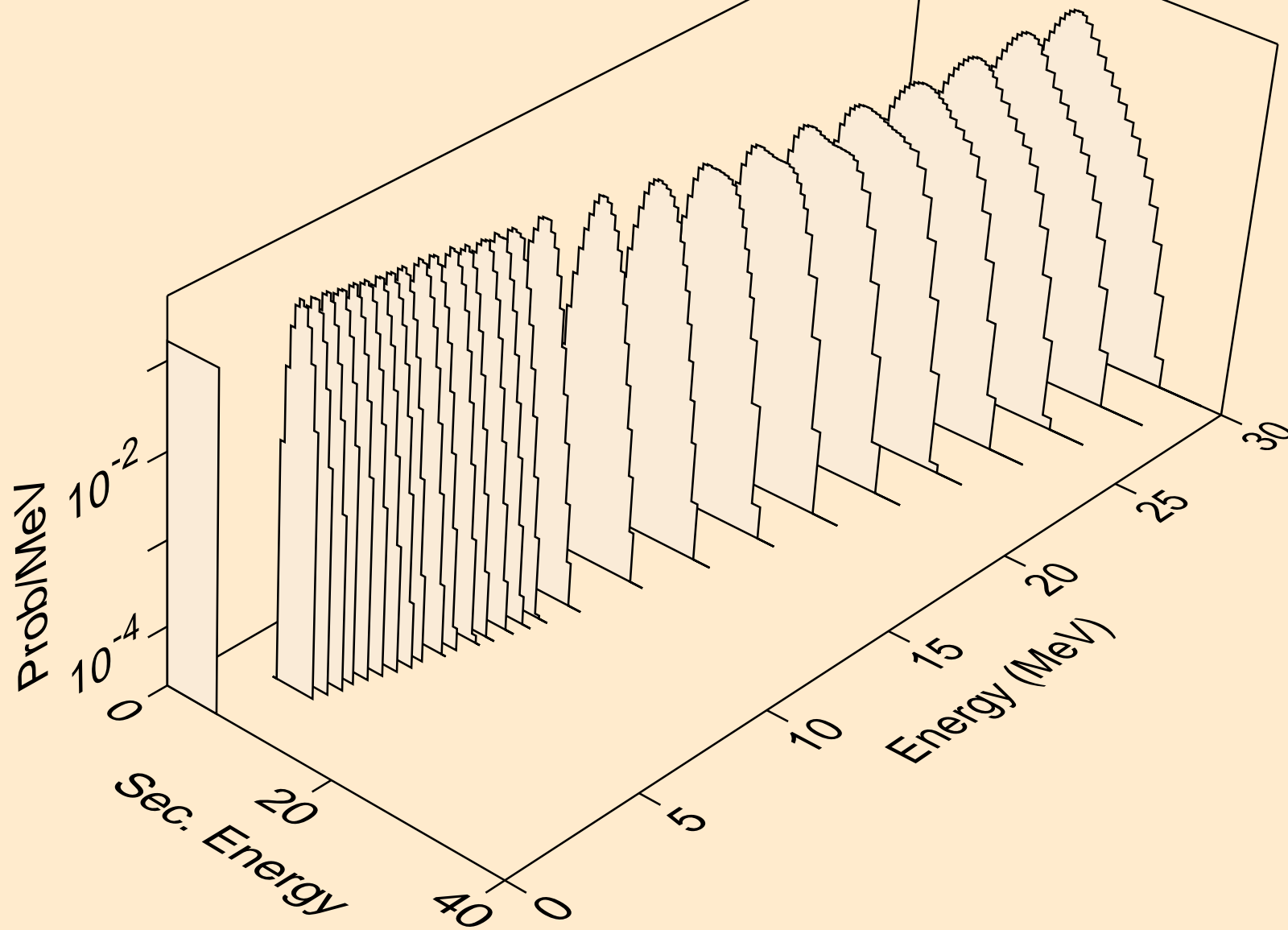
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



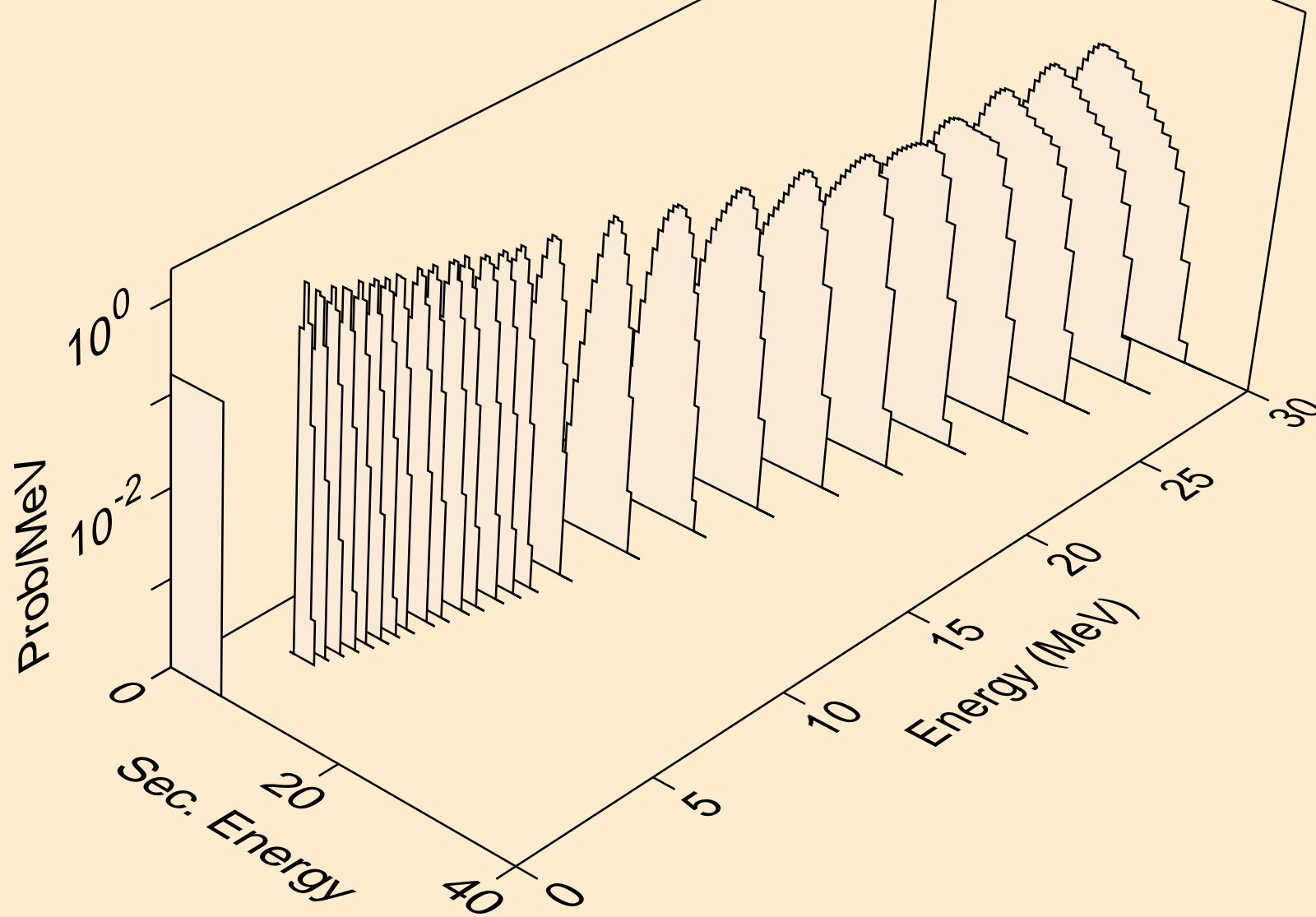
TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



TL193 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

