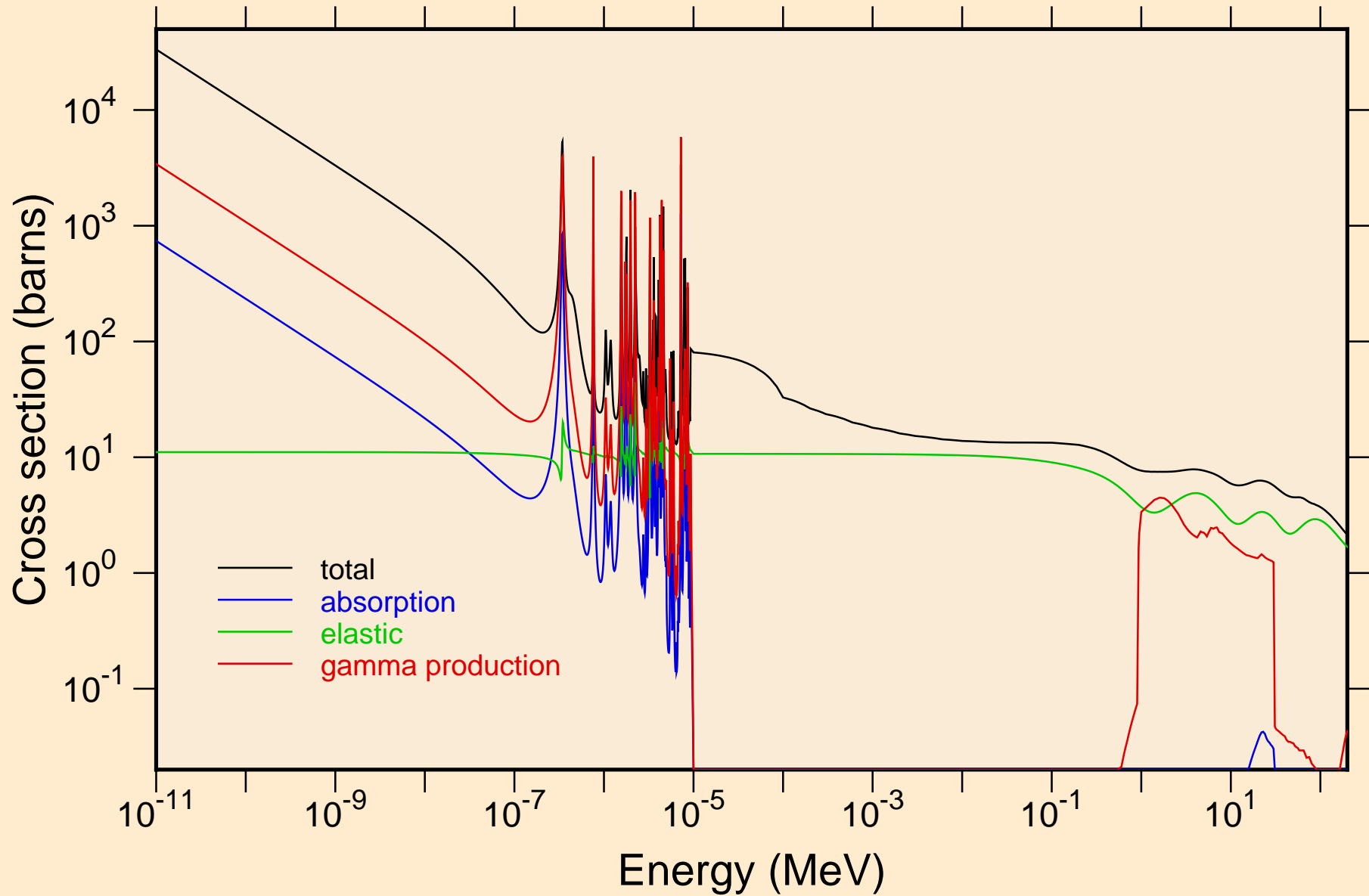
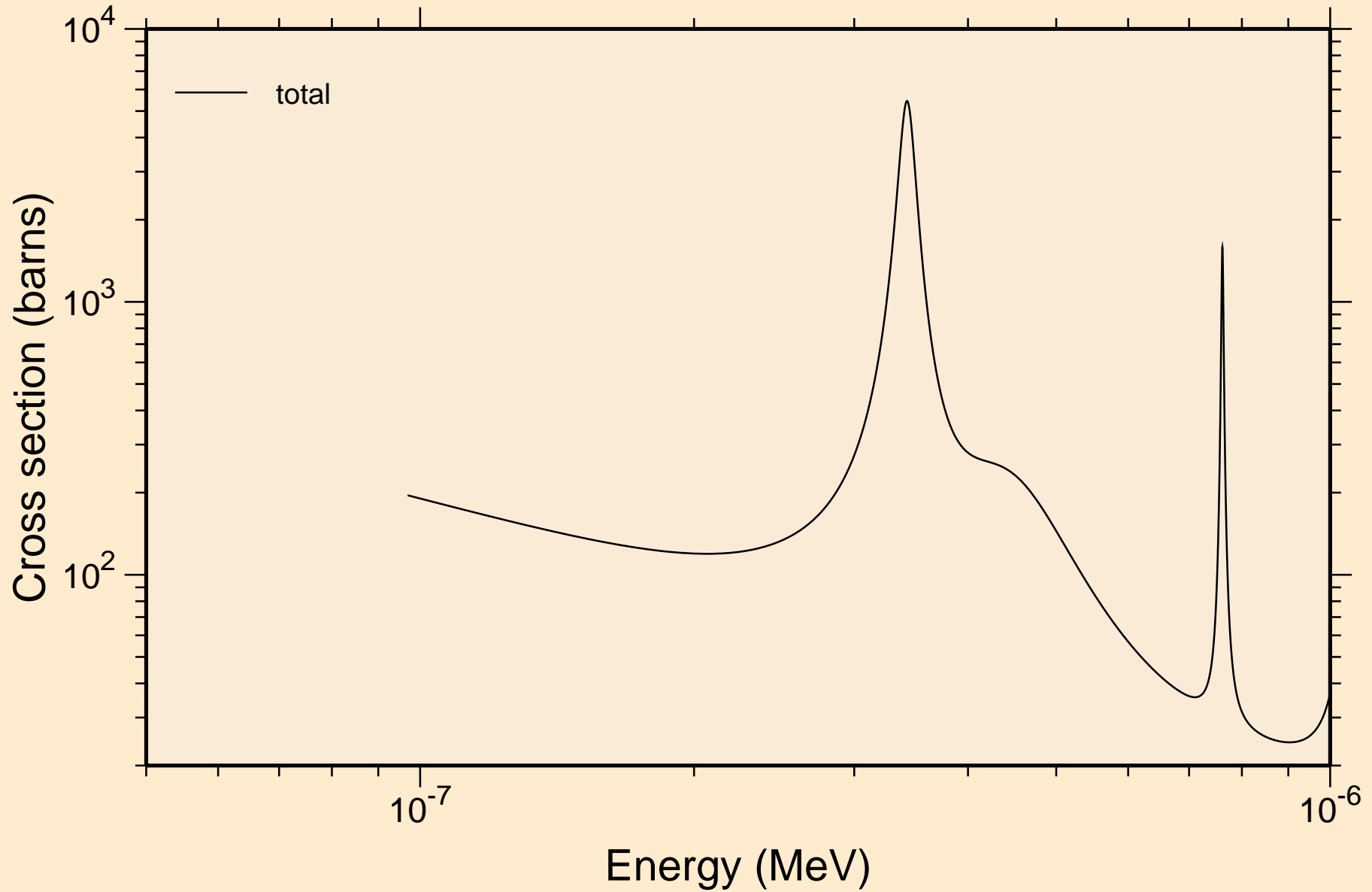


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

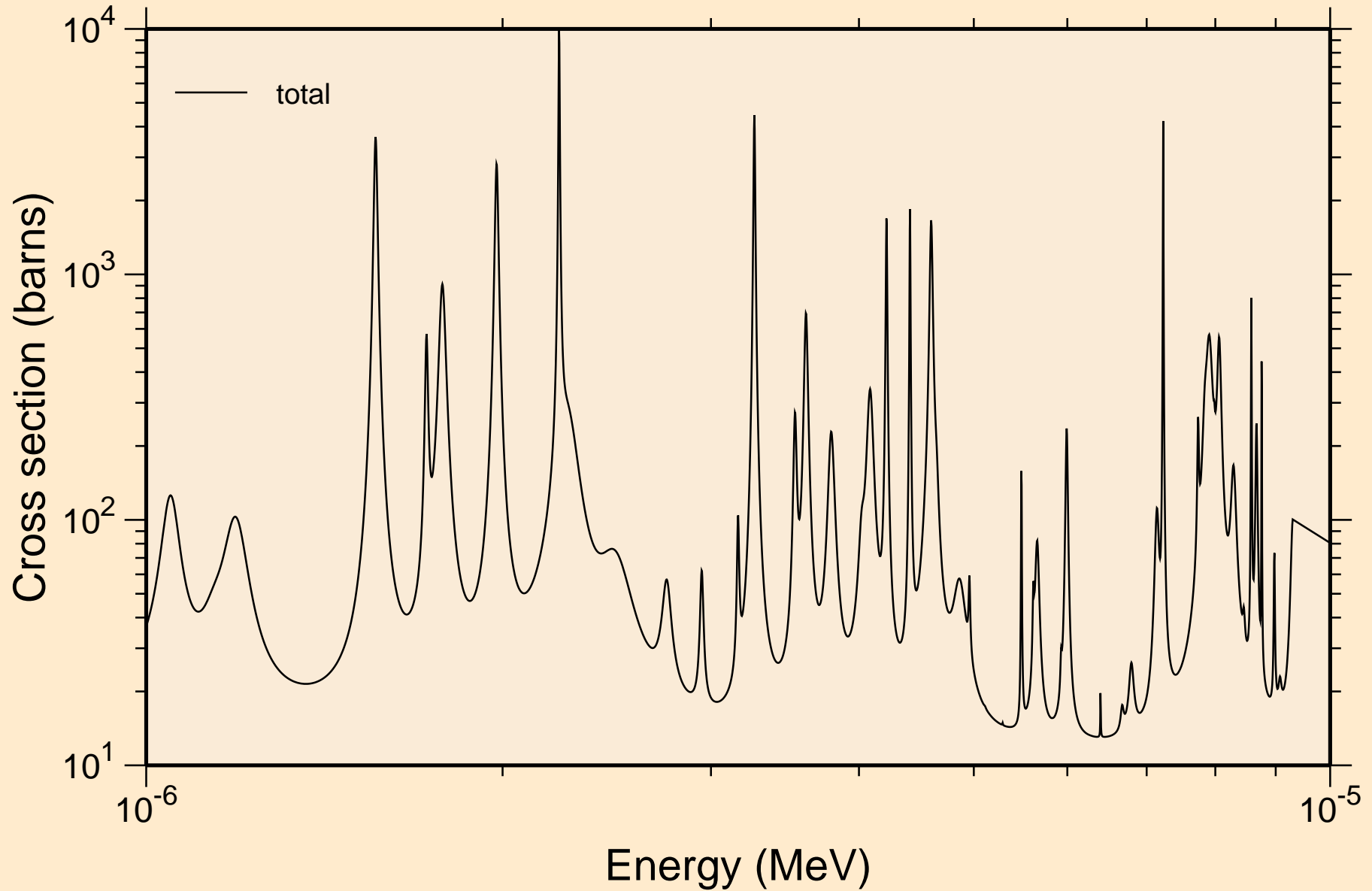
## Principal cross sections



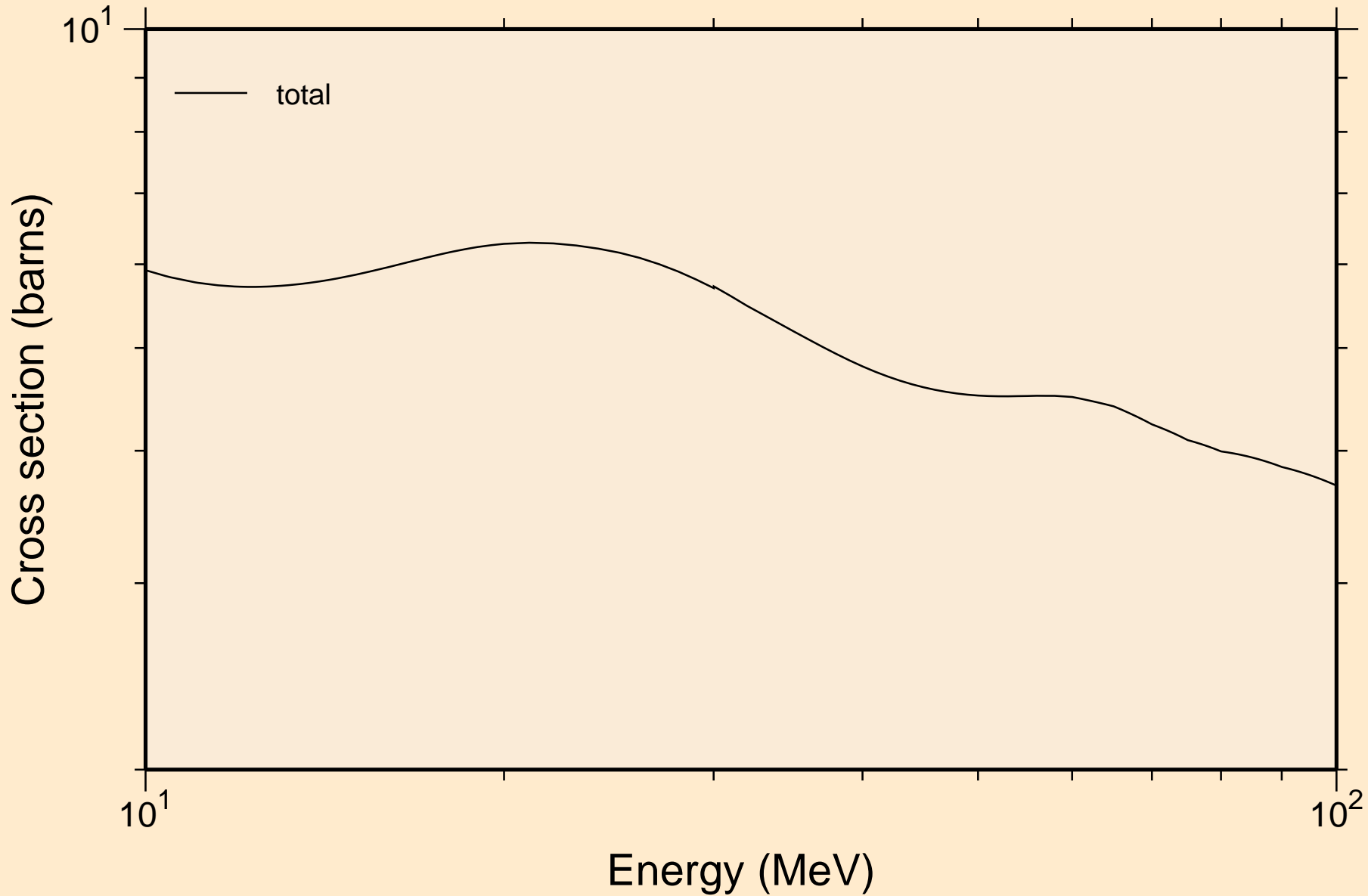
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



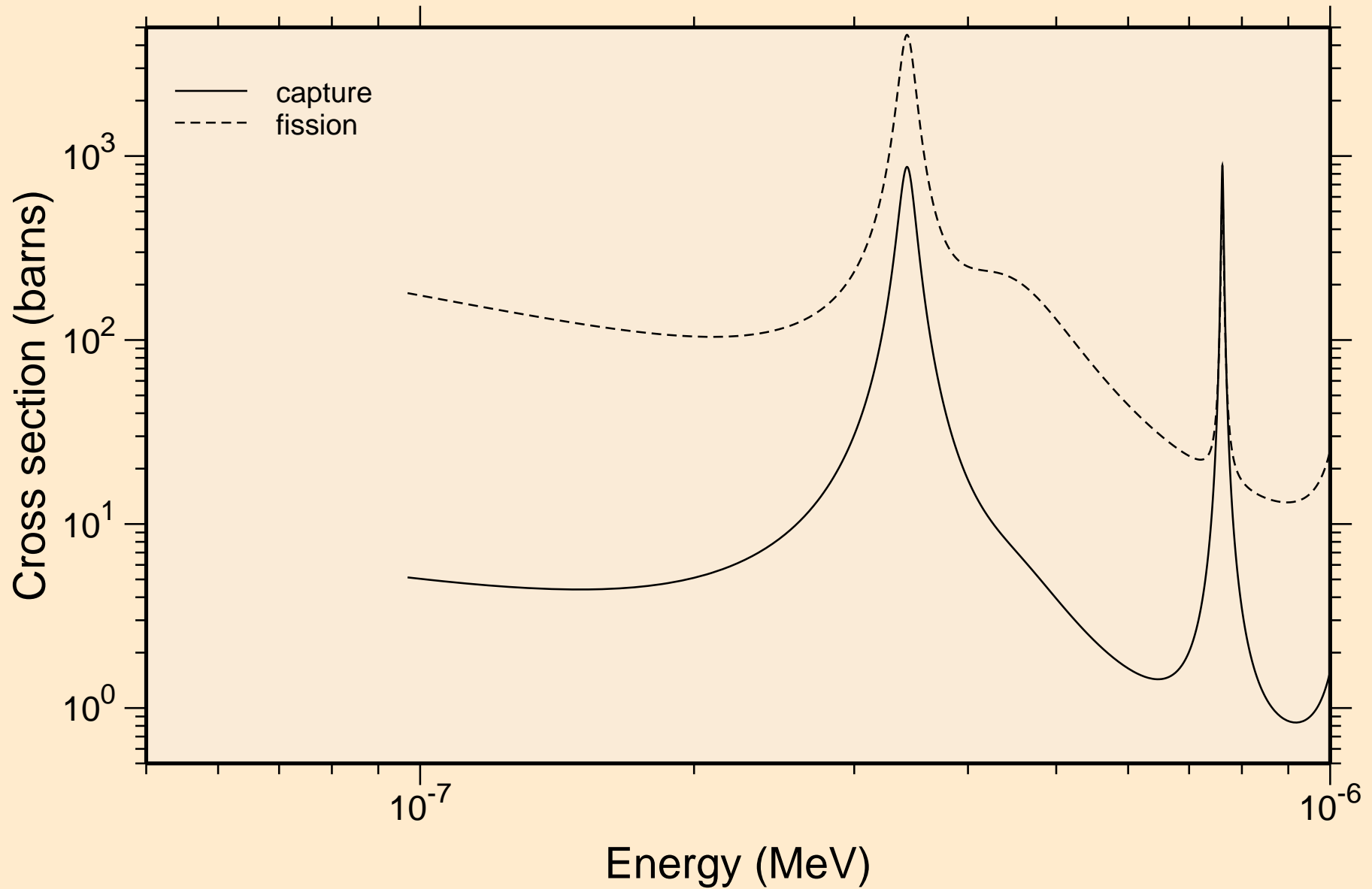
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



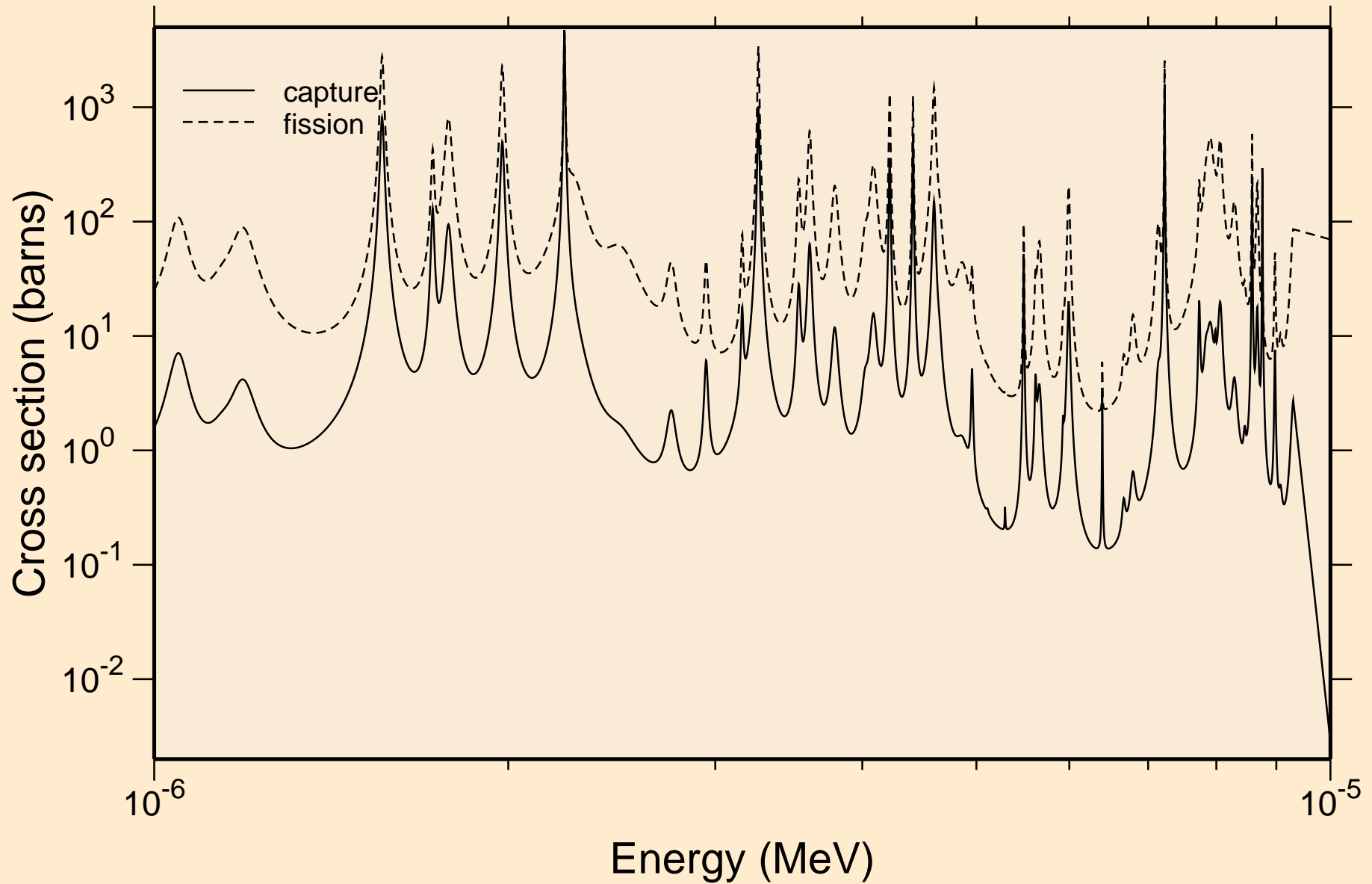
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



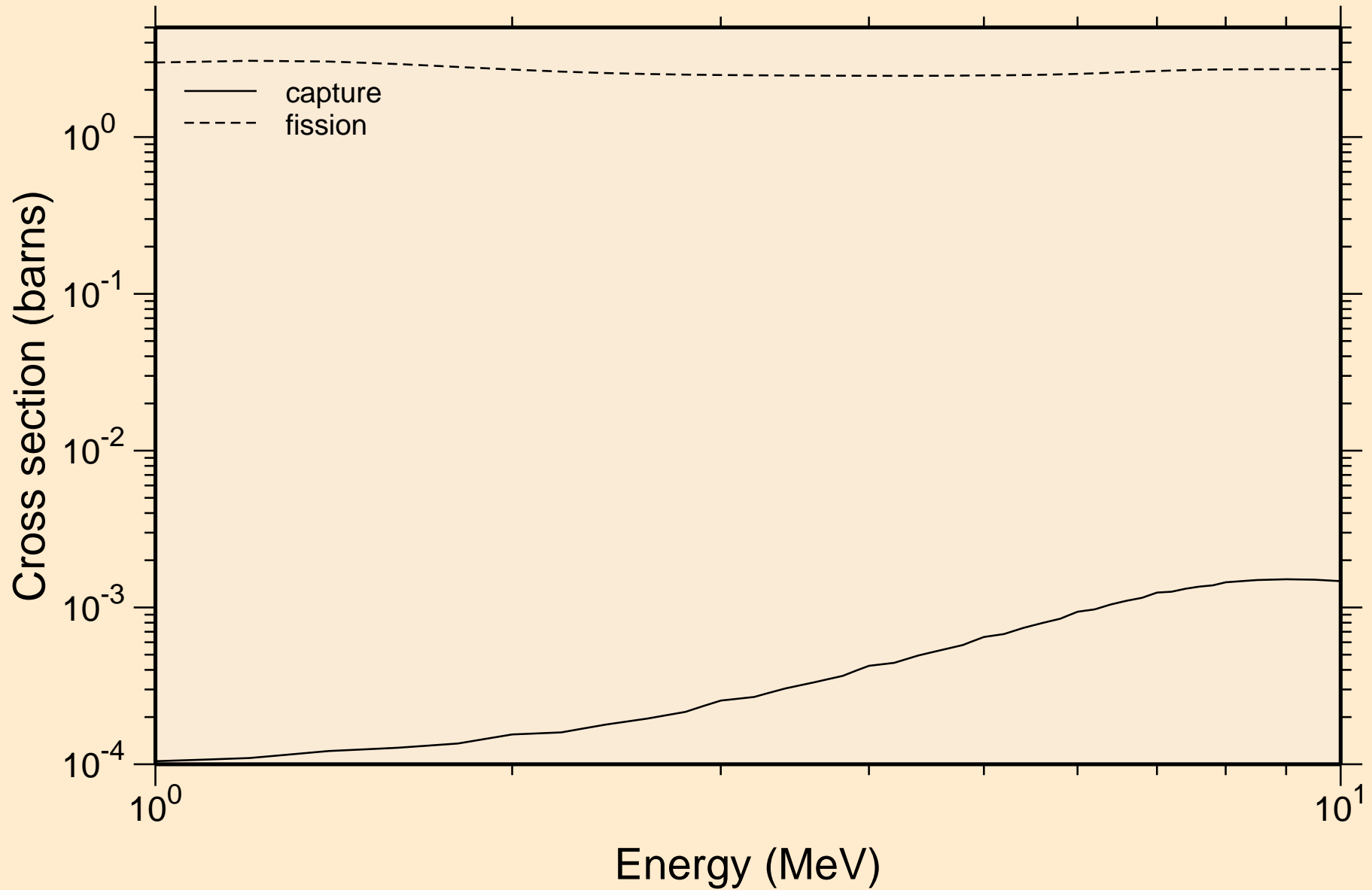
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

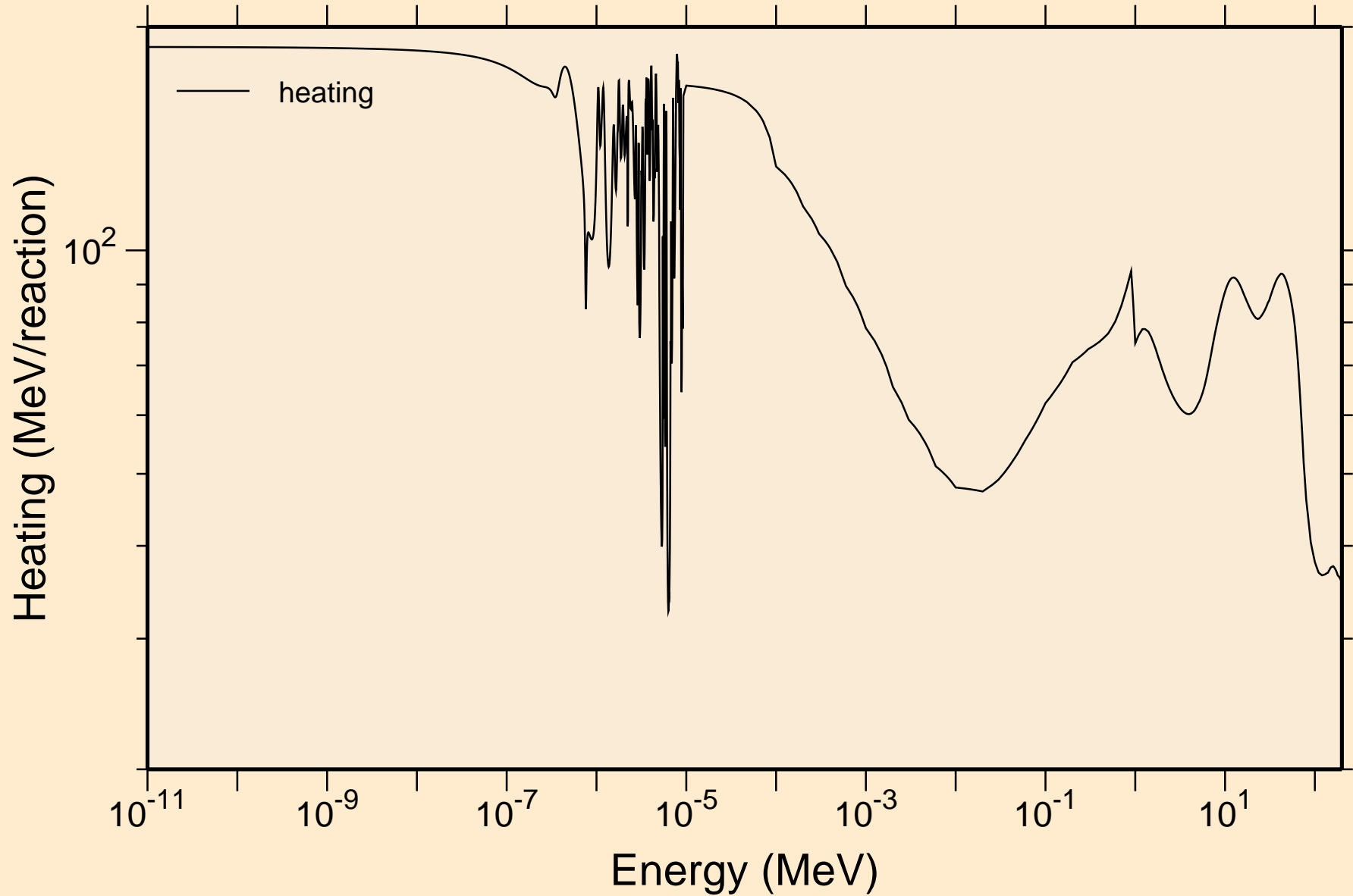


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

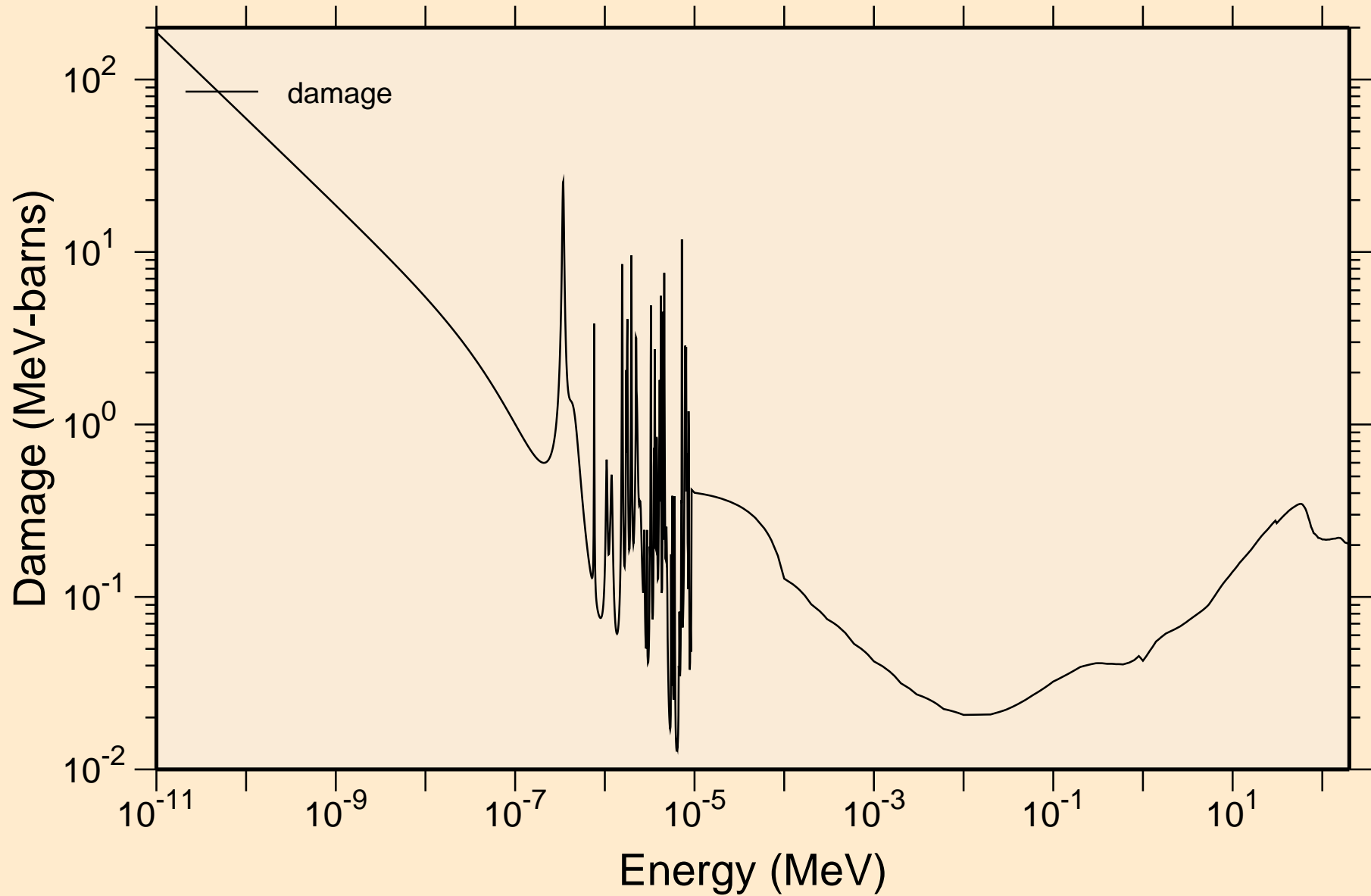
## Heating





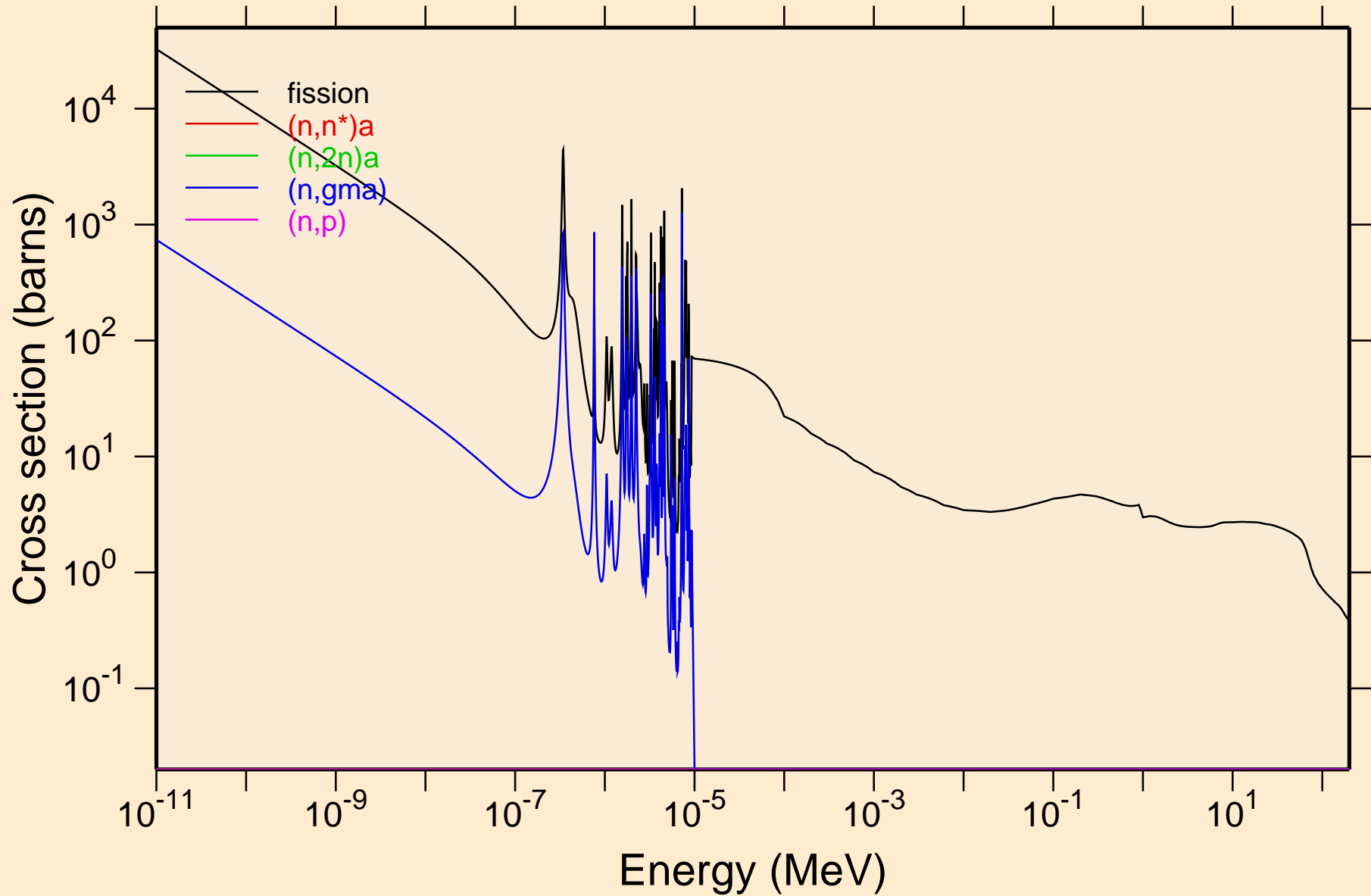
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



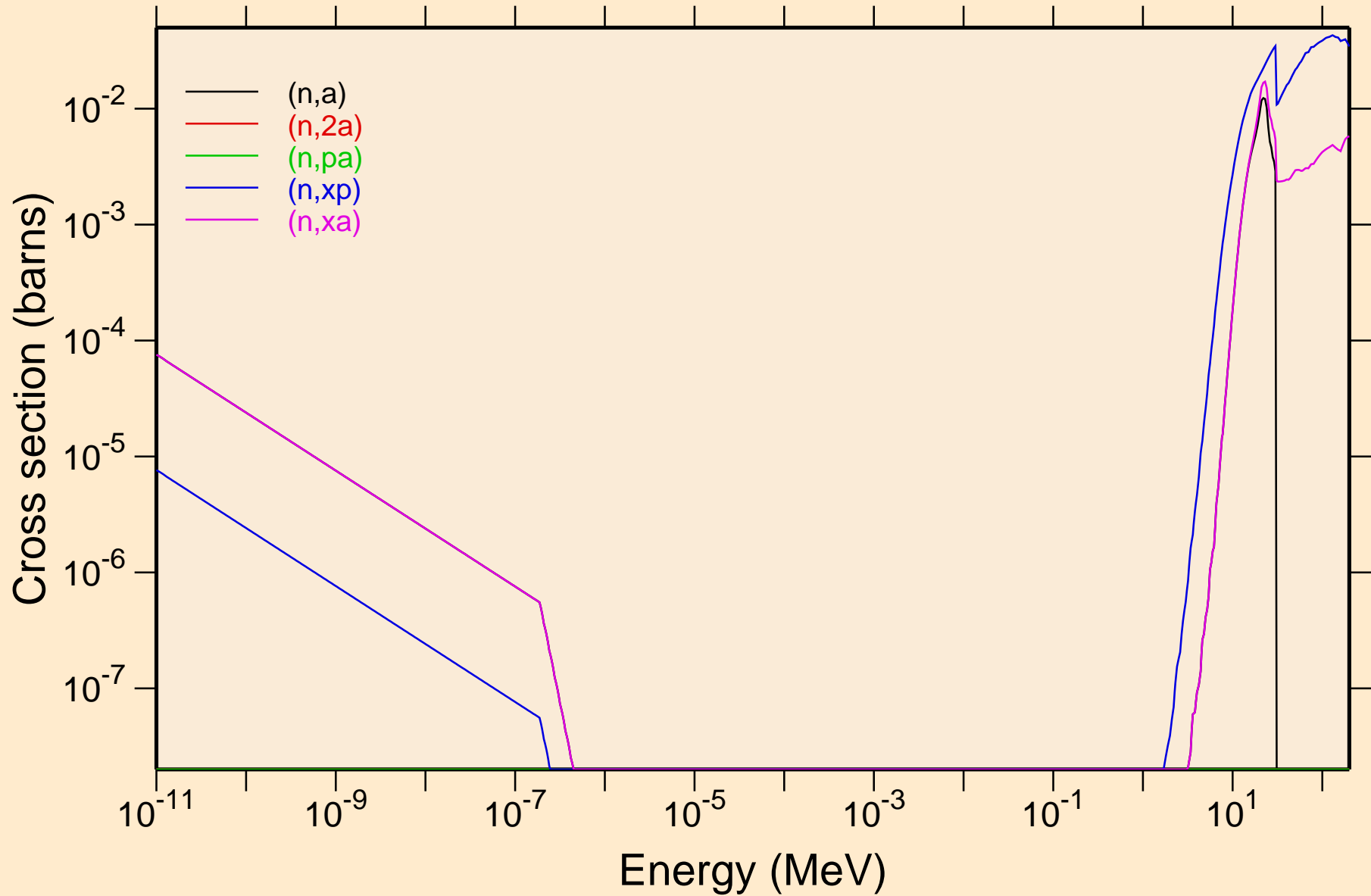
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



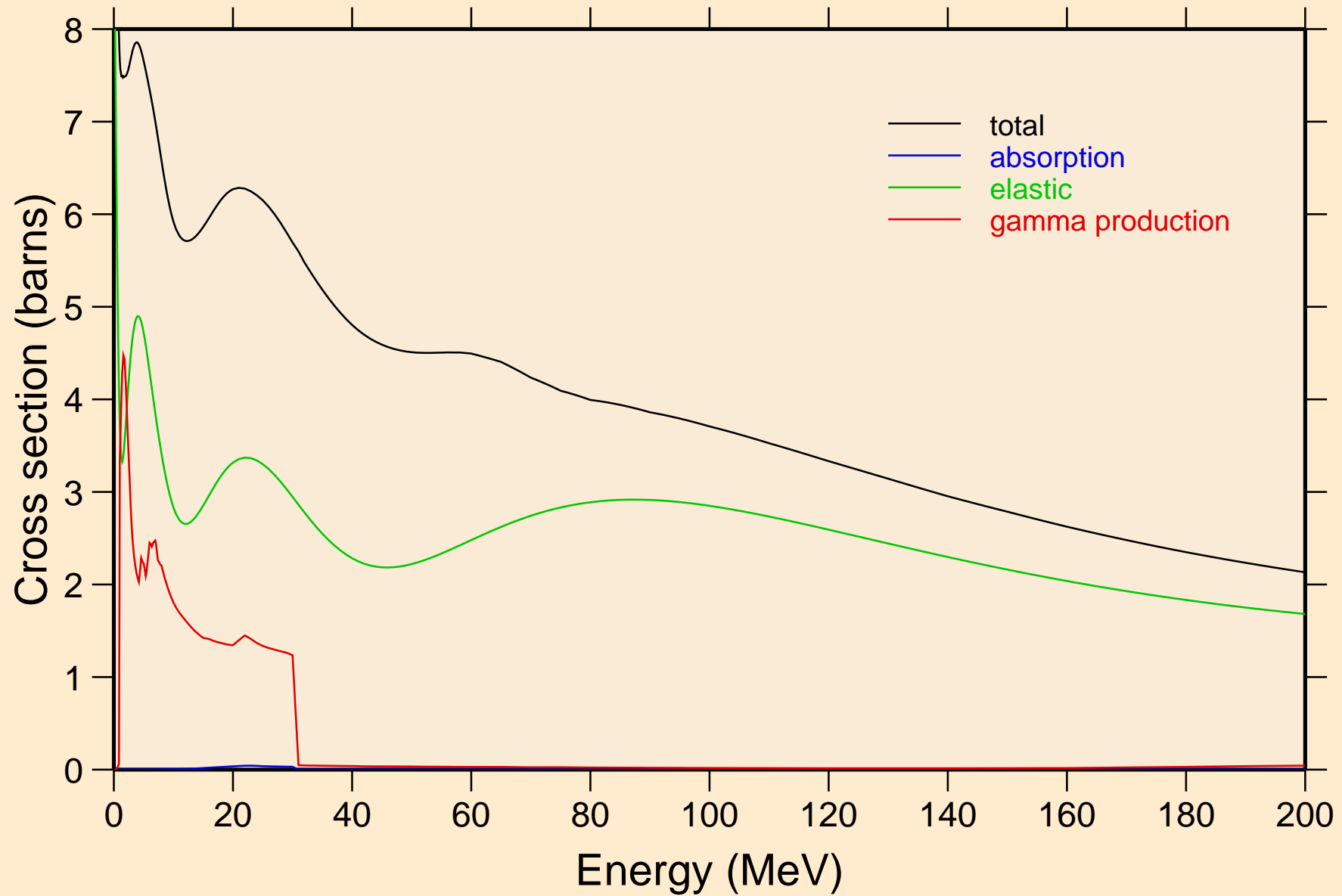
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



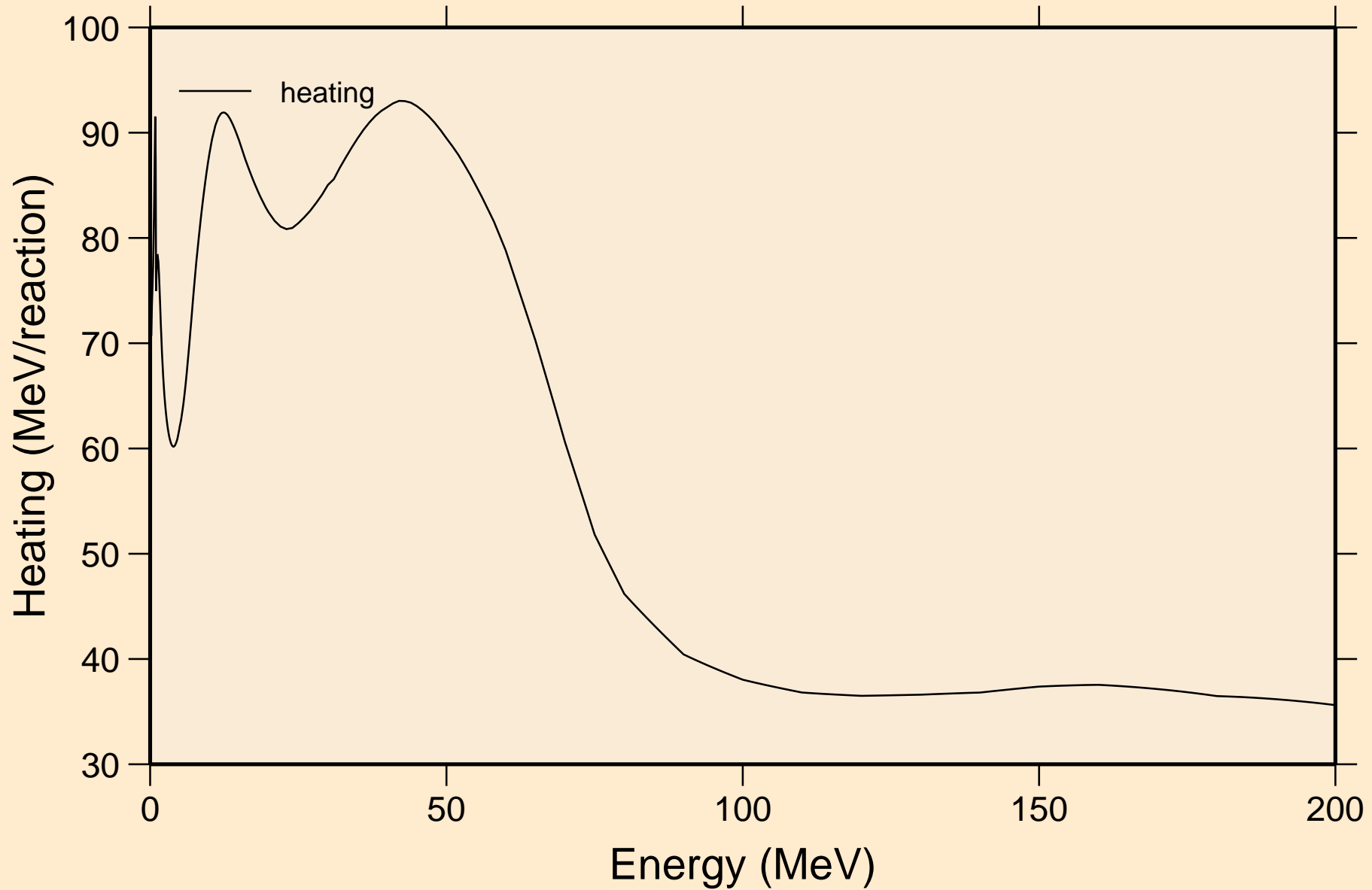
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

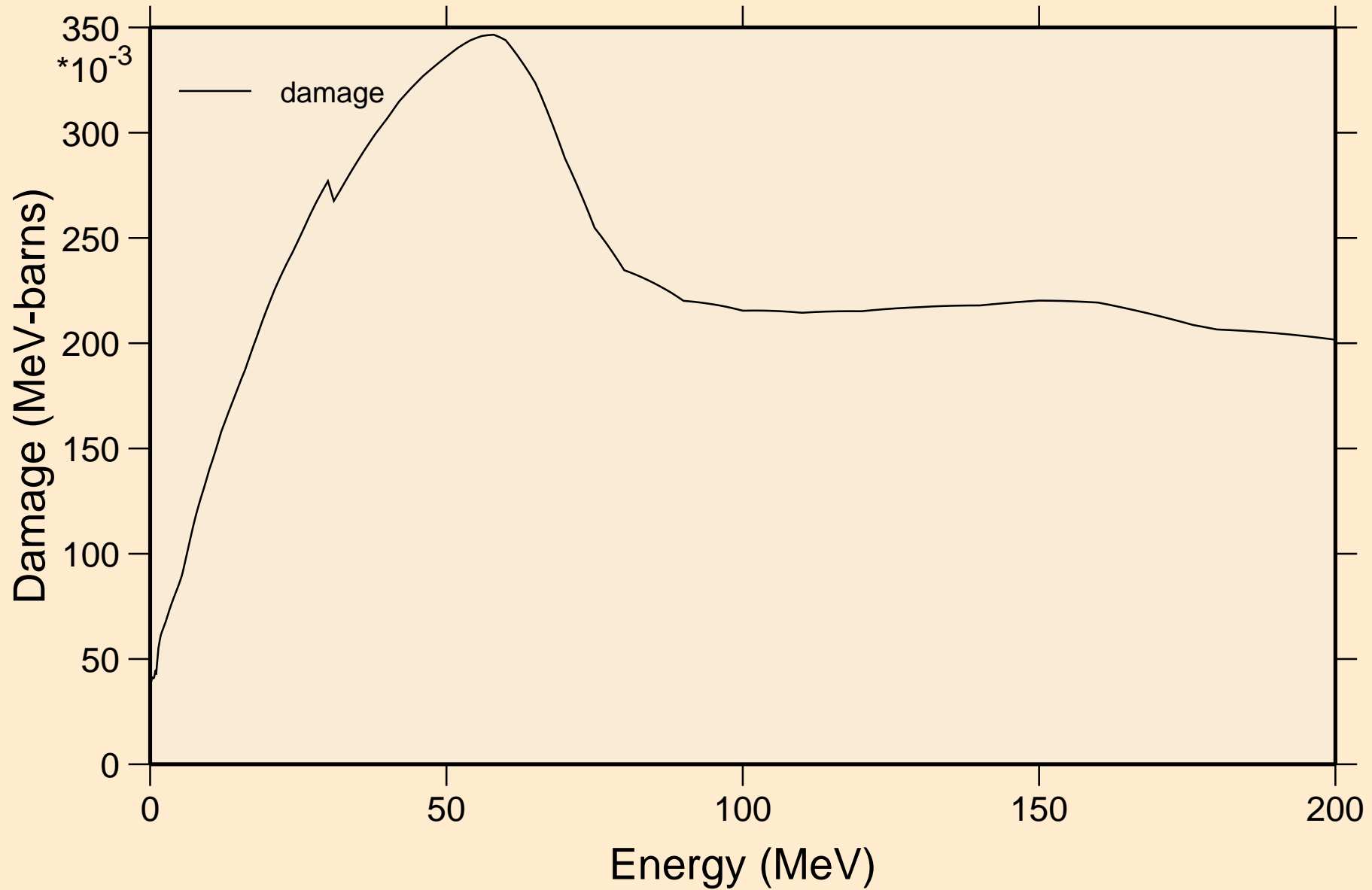


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

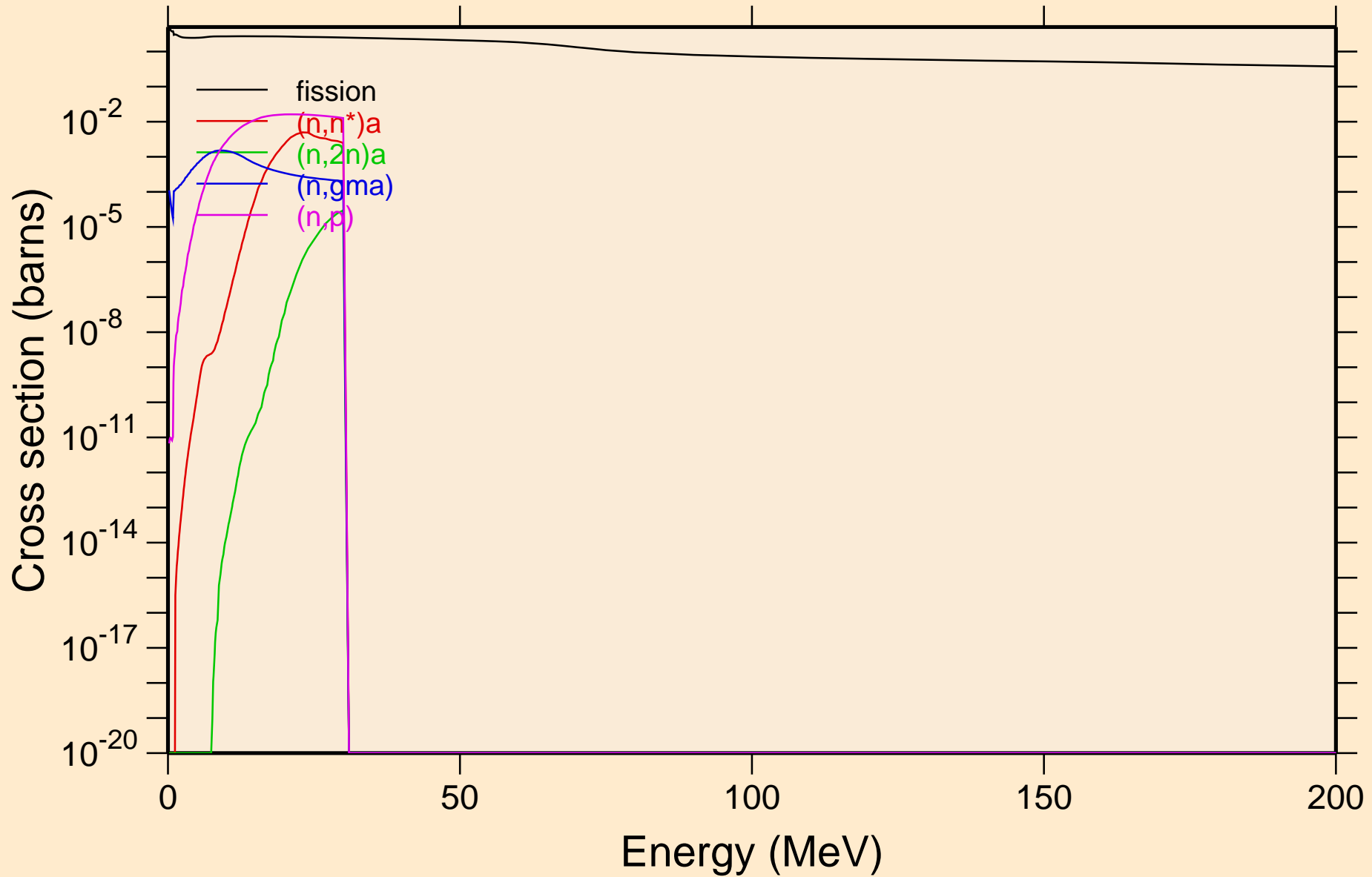


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



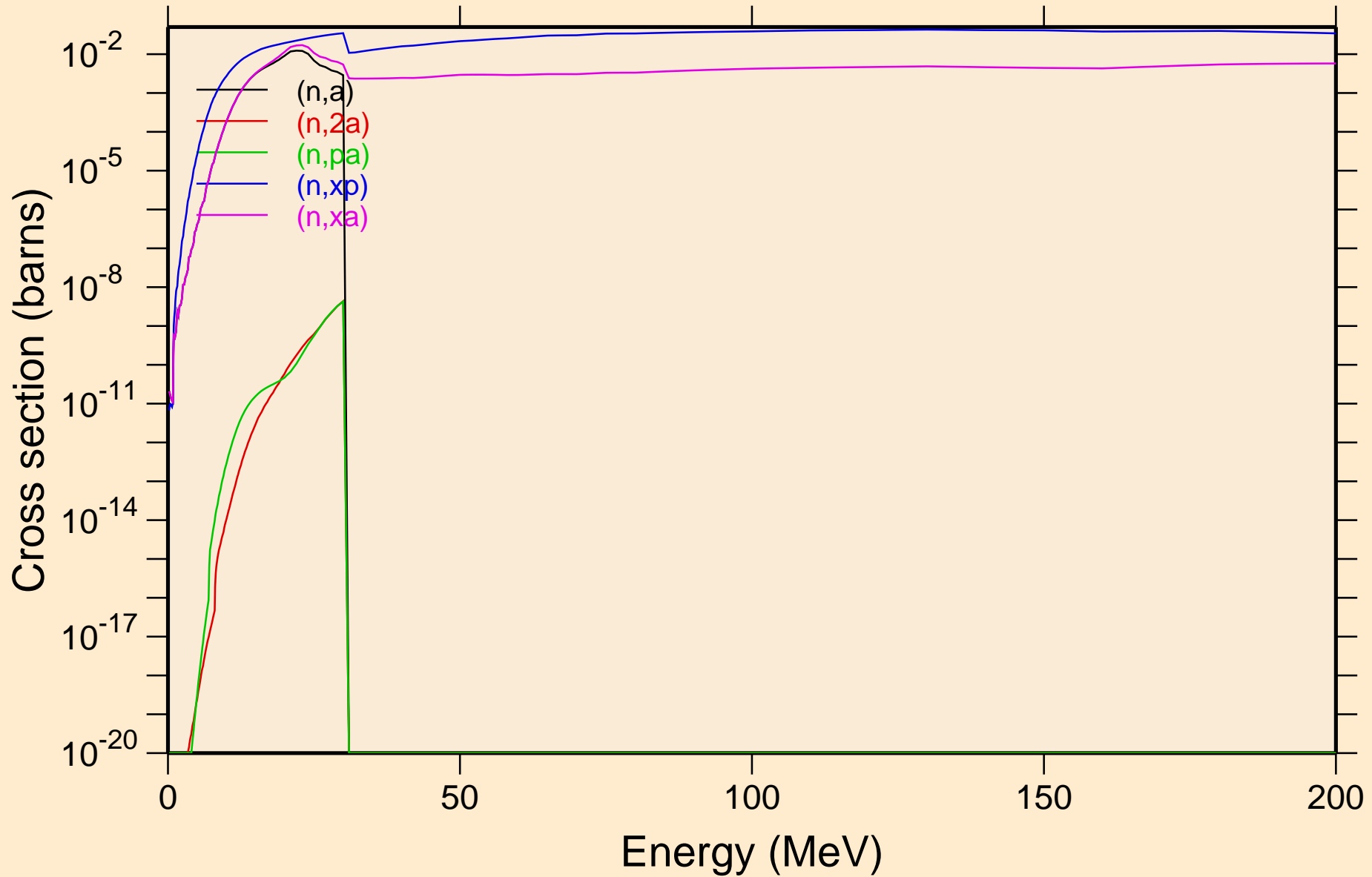
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



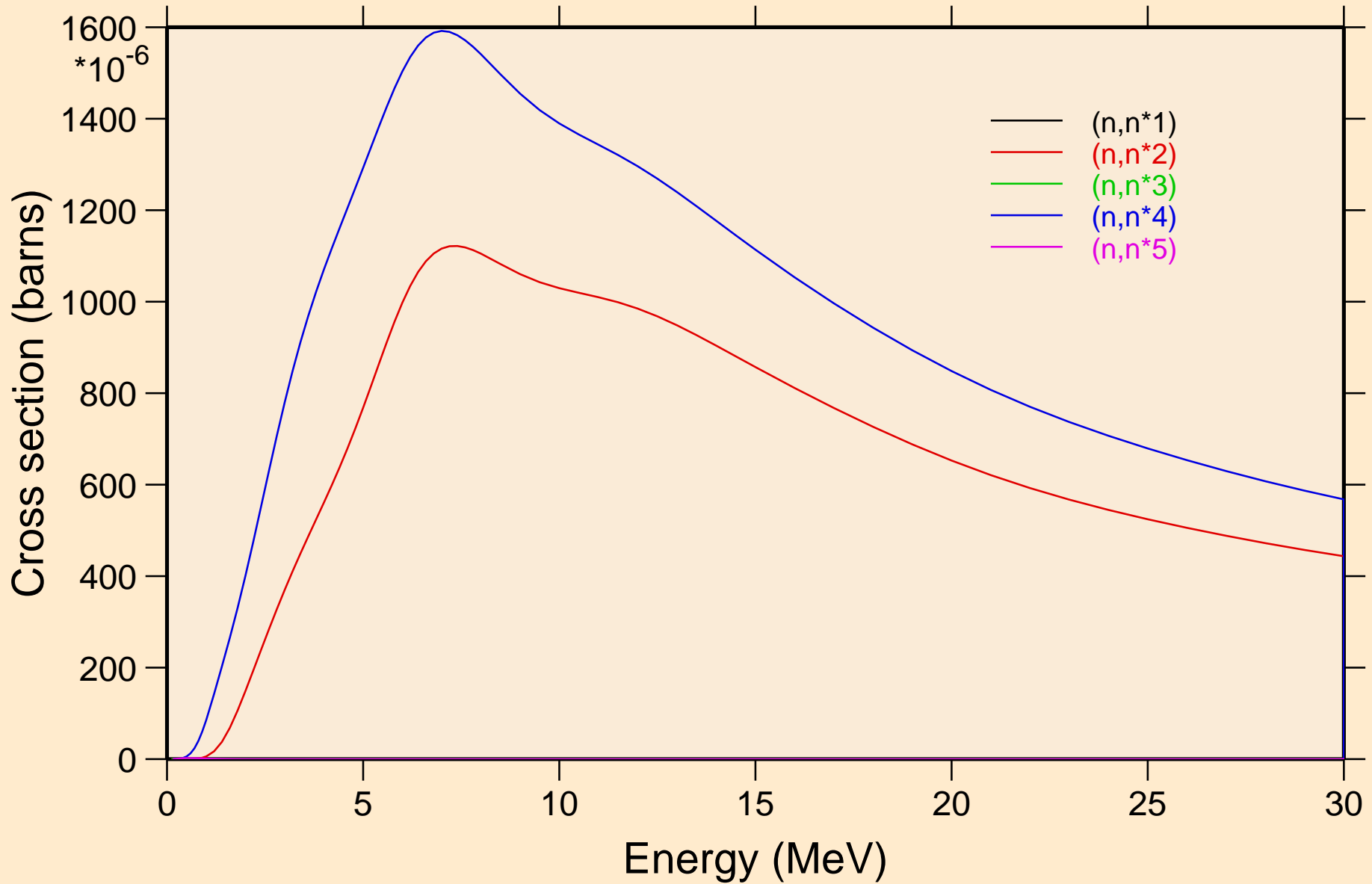
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

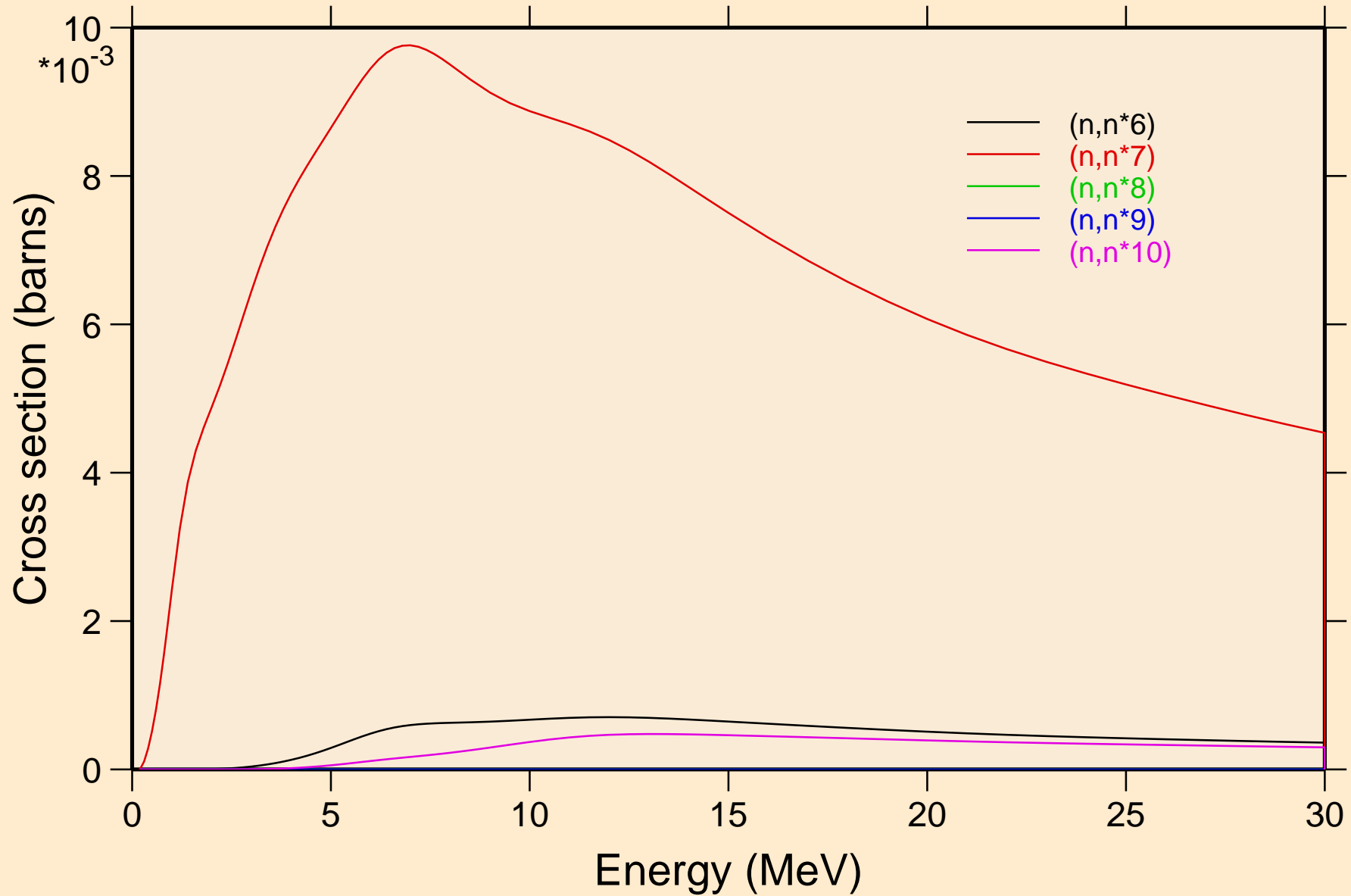




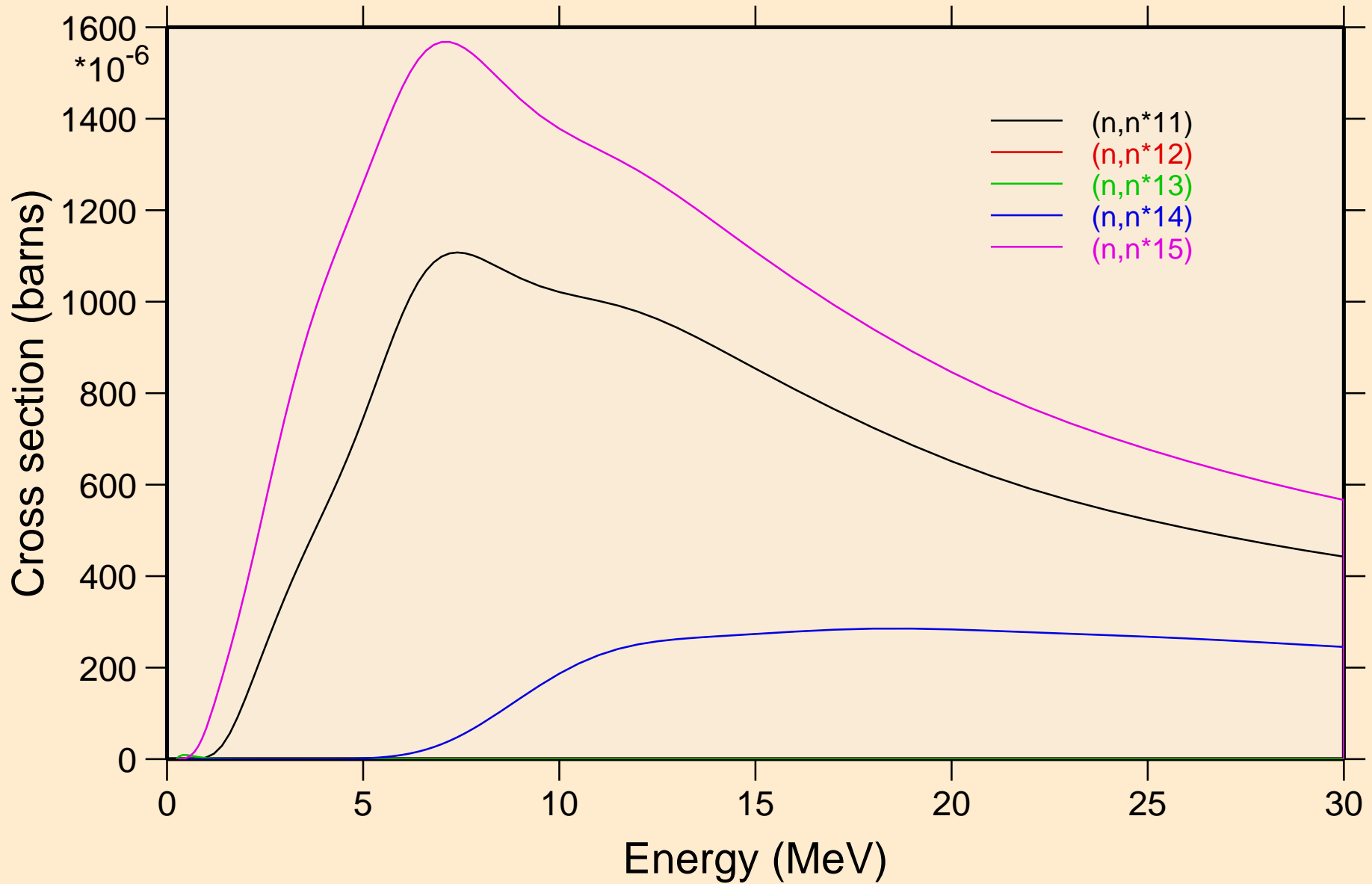
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



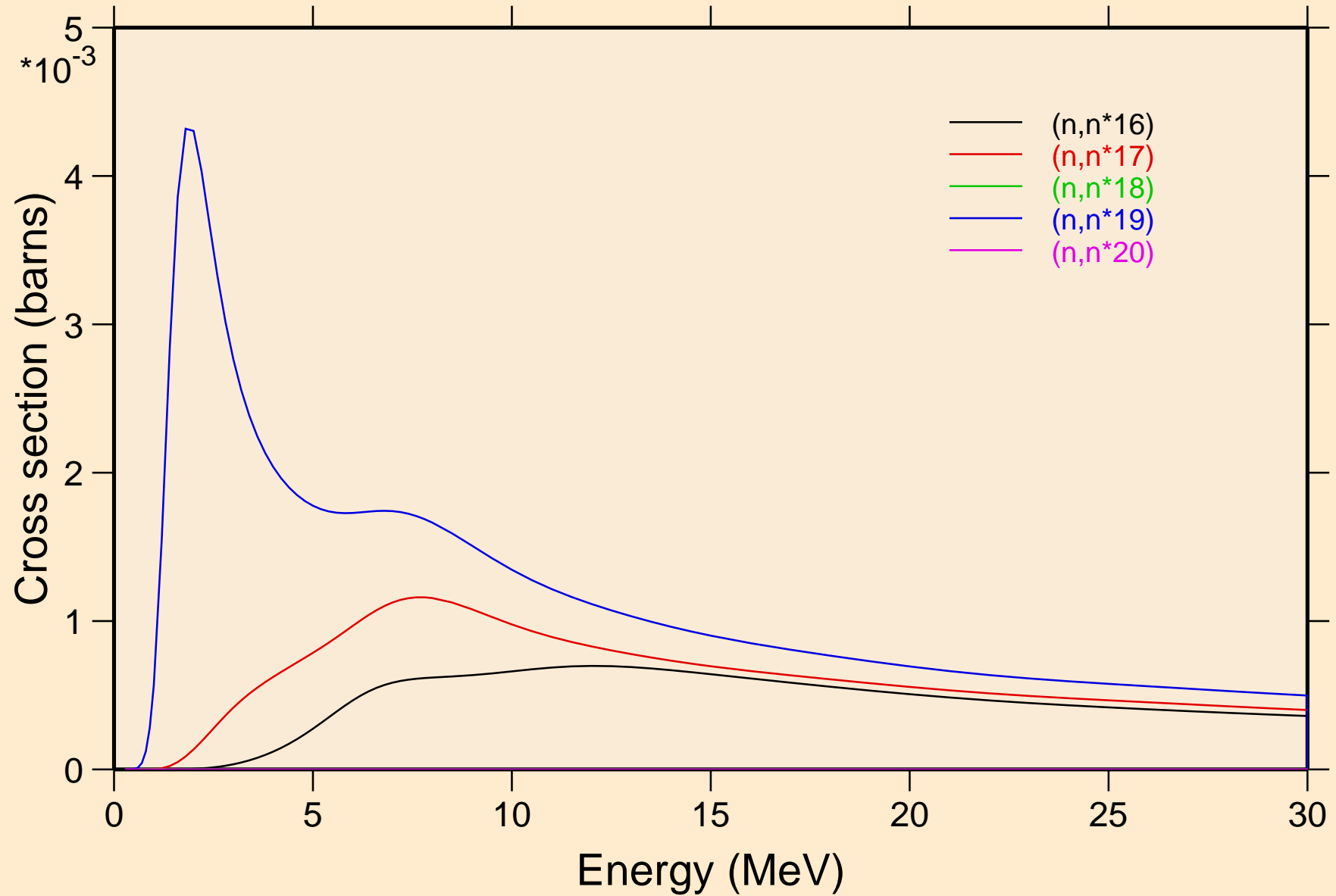
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



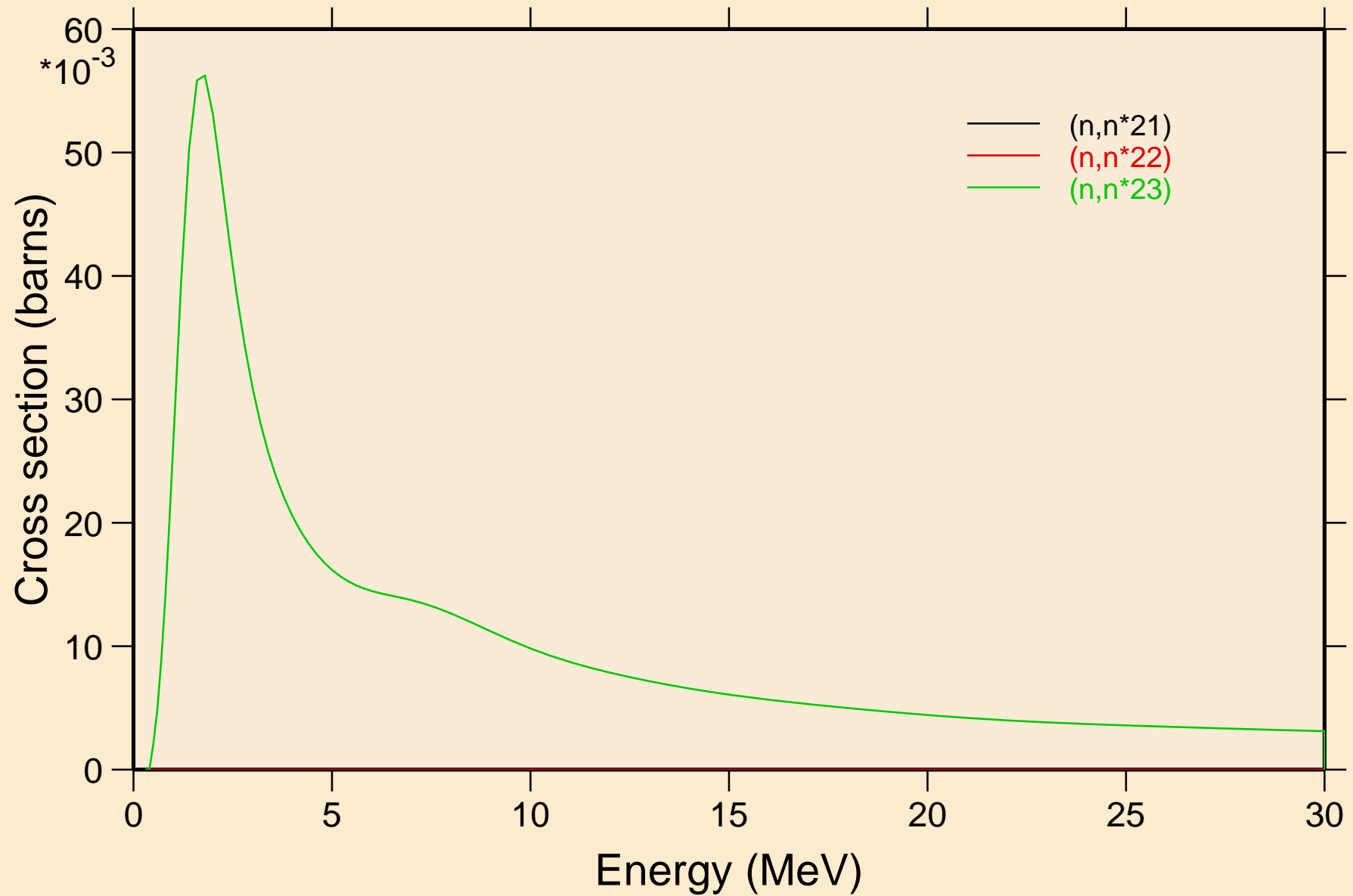
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

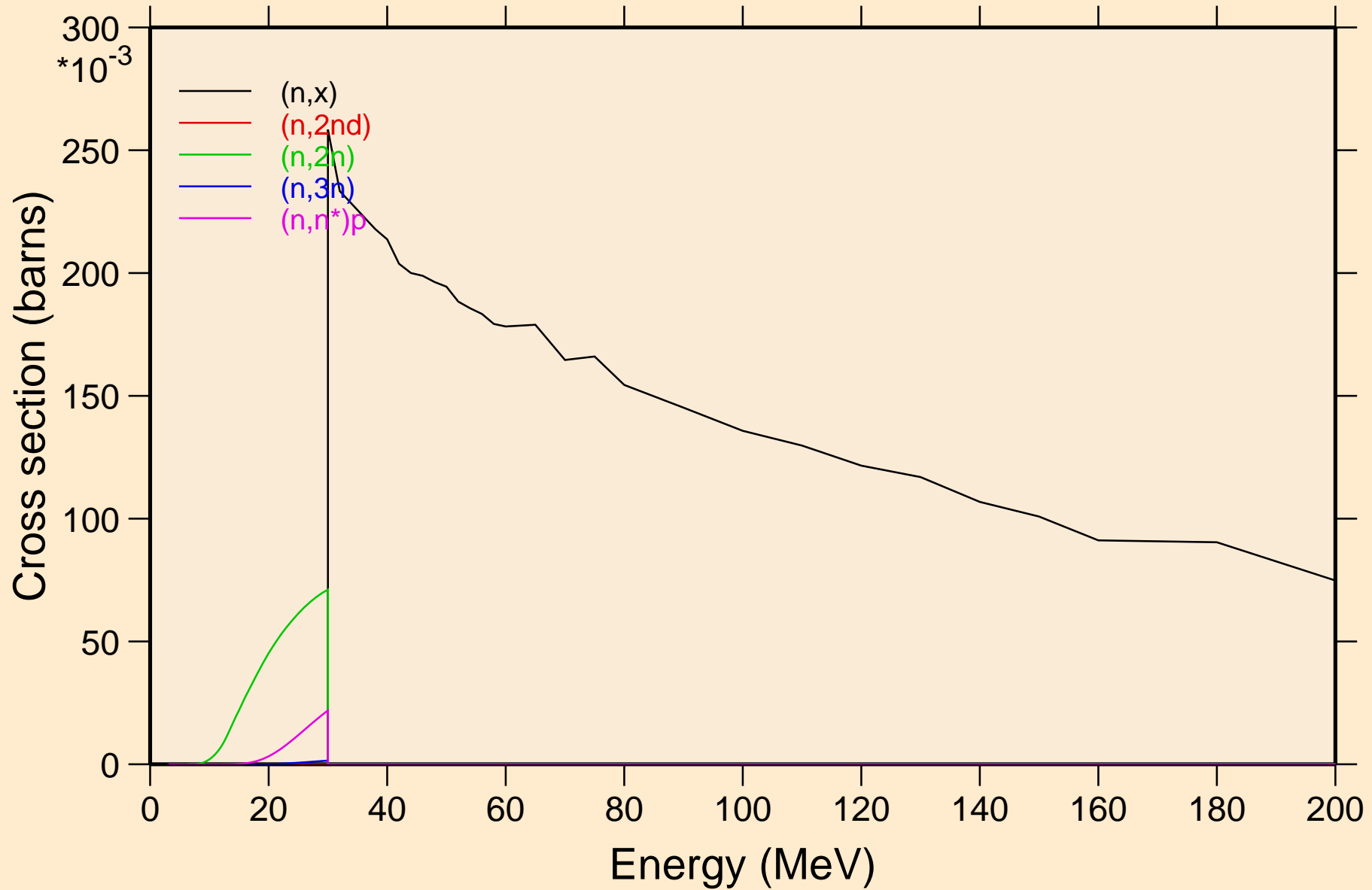


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



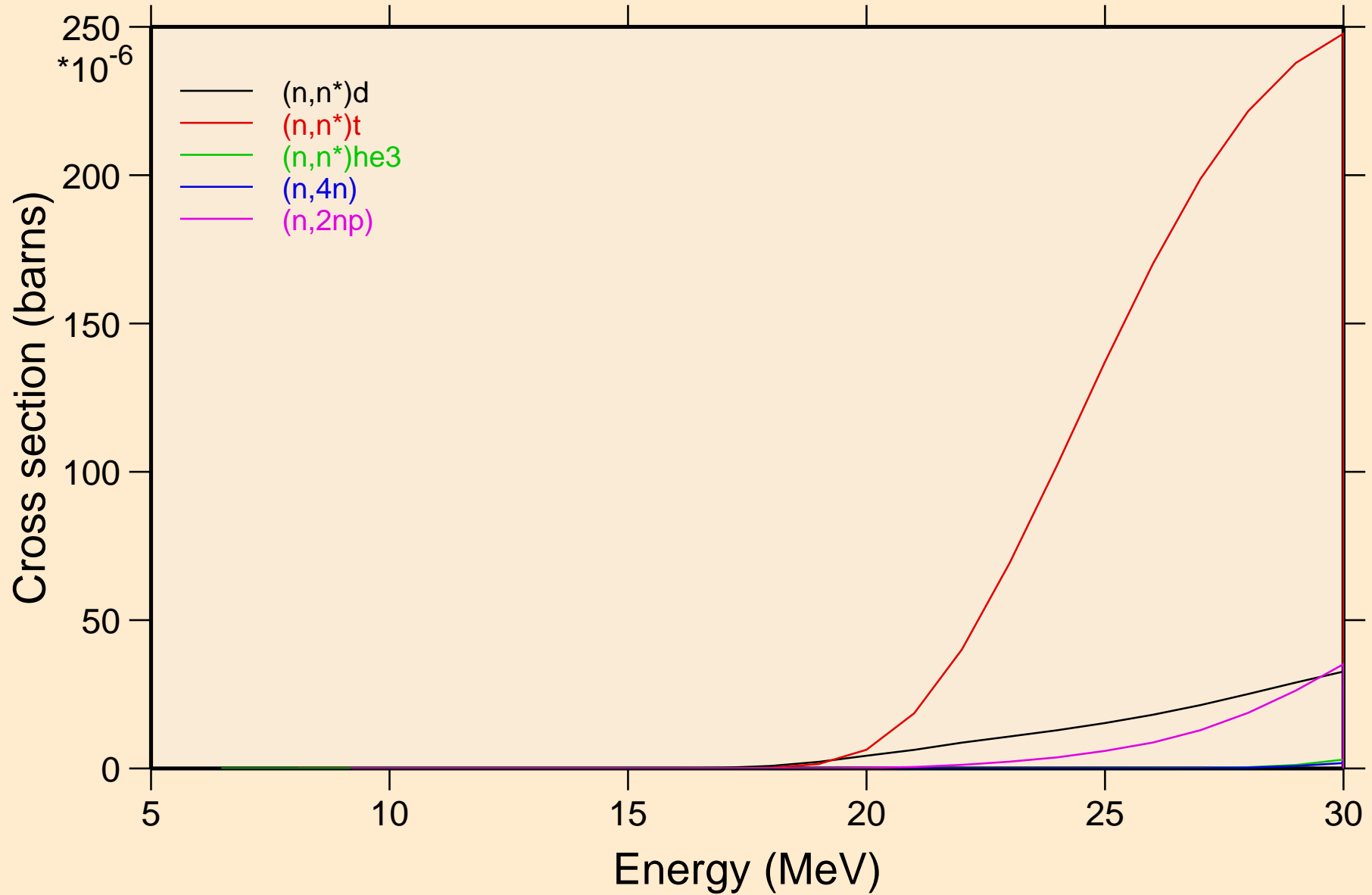
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

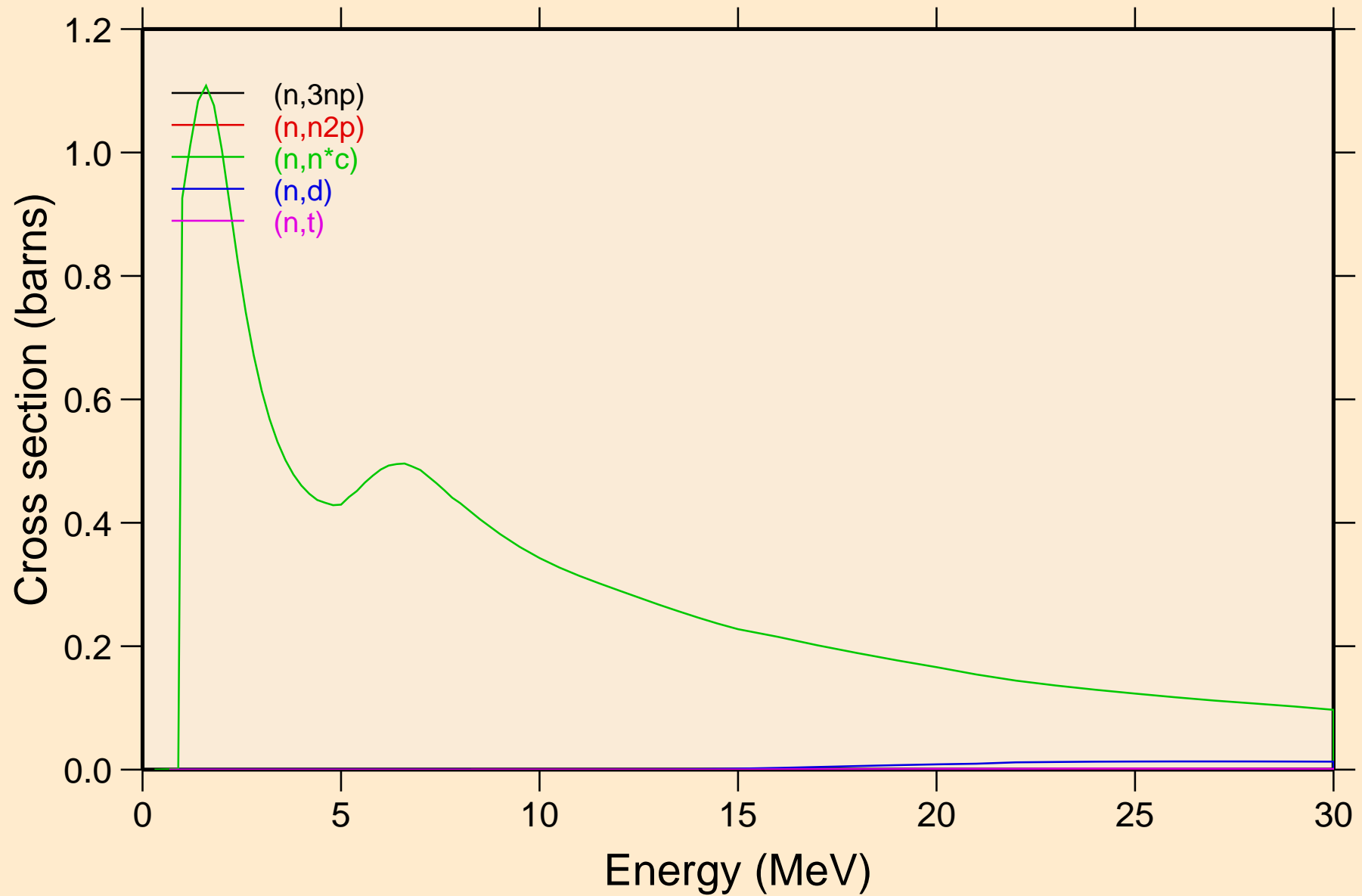


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



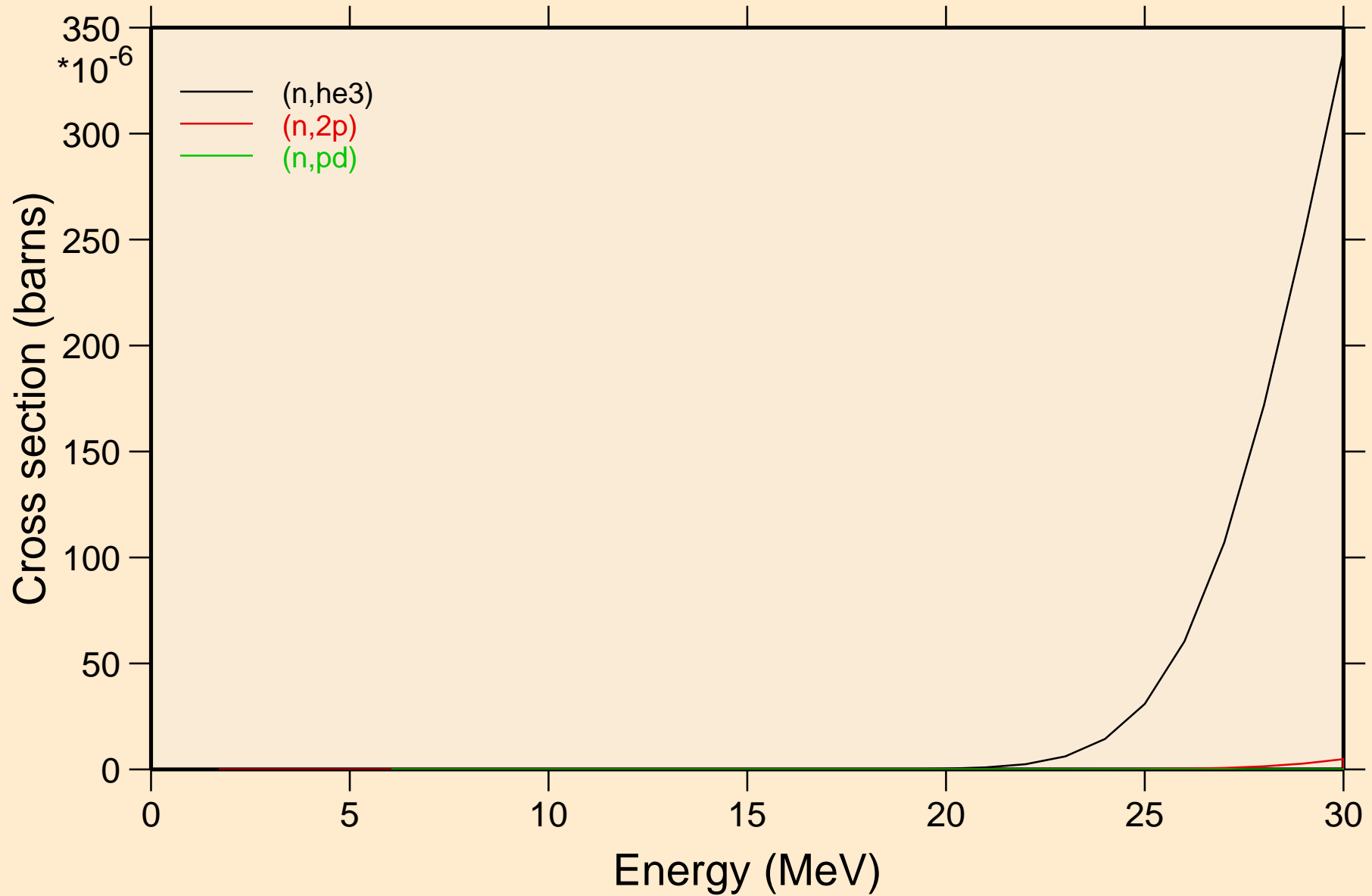
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions





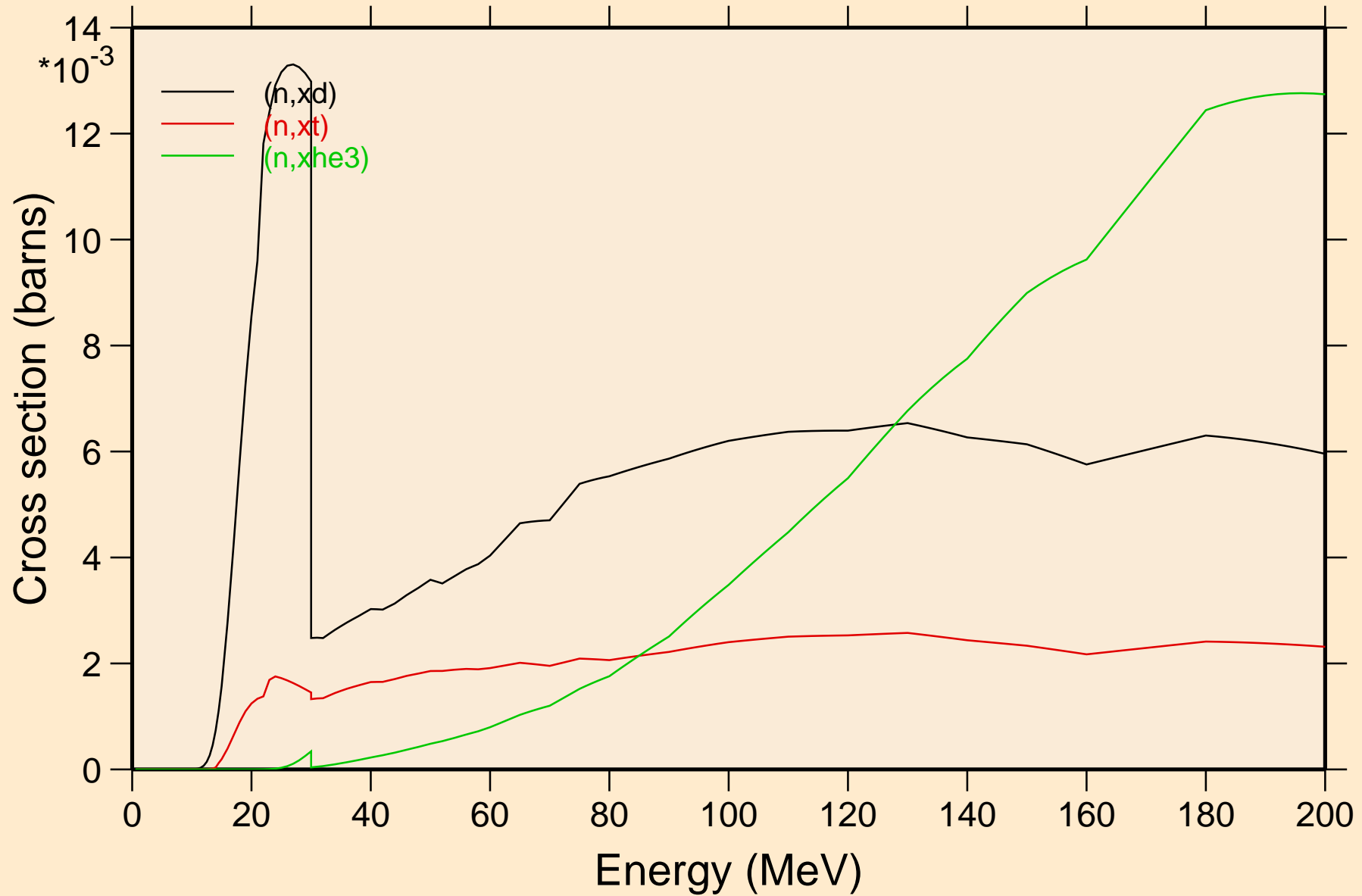
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

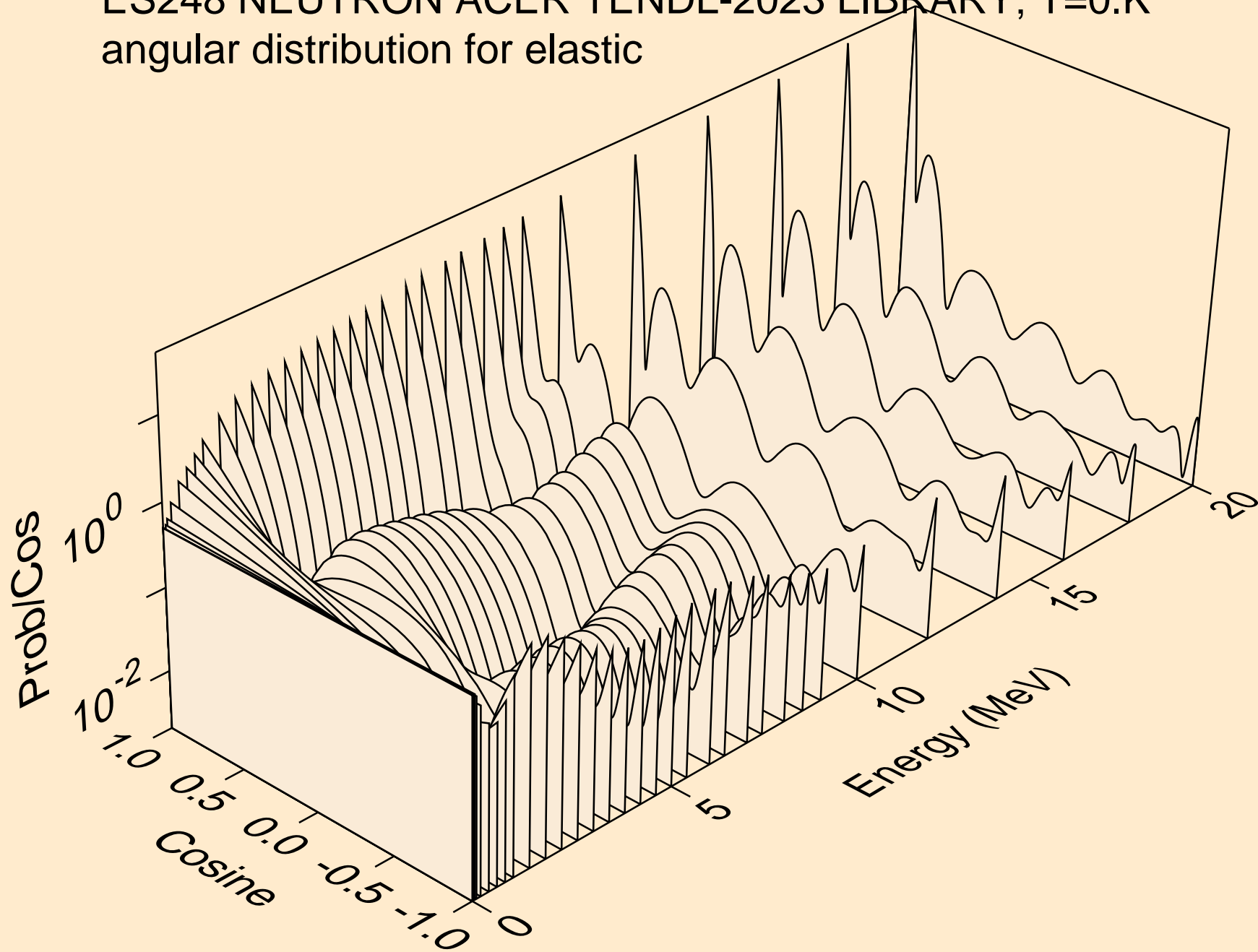


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

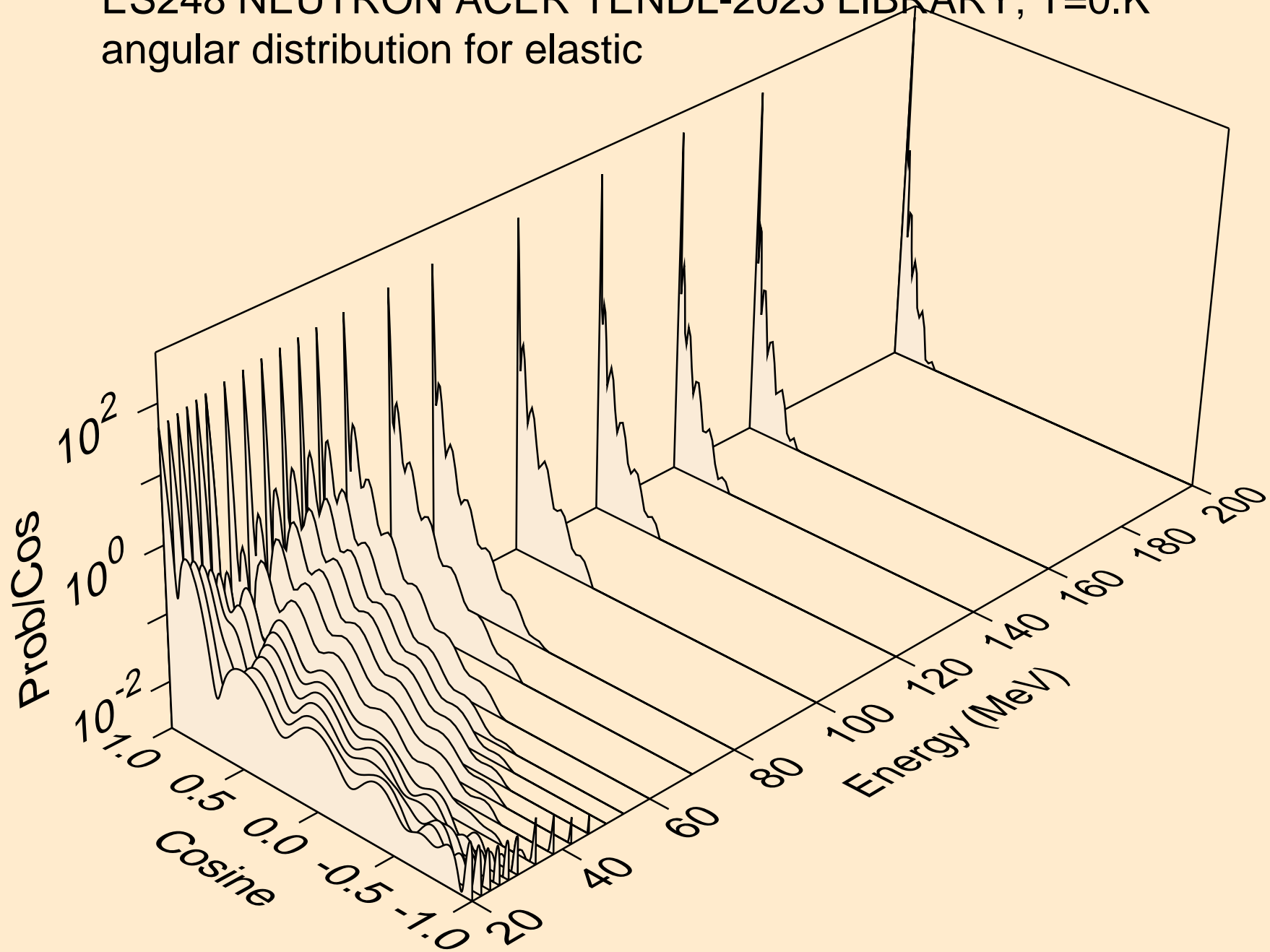
## Threshold reactions



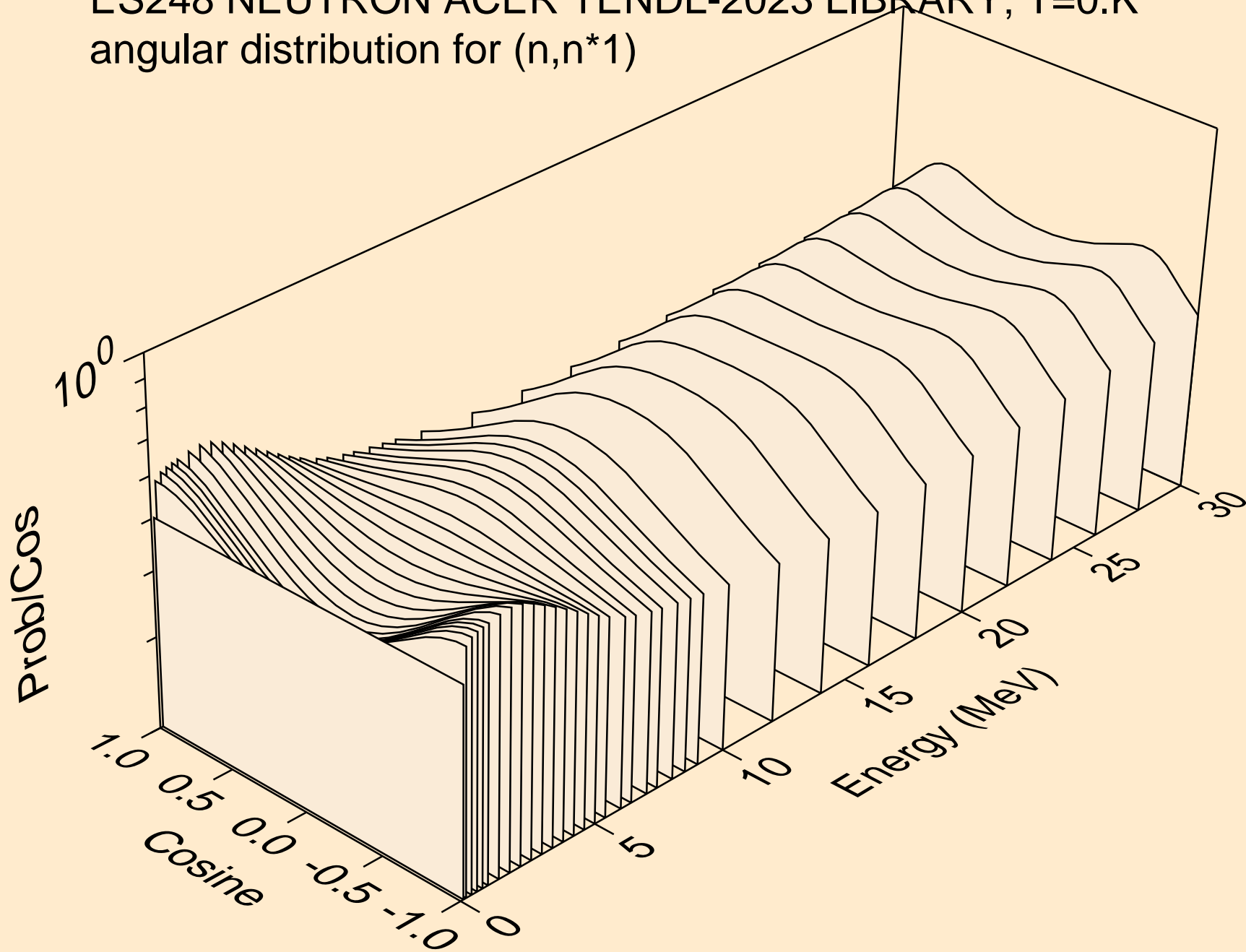
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



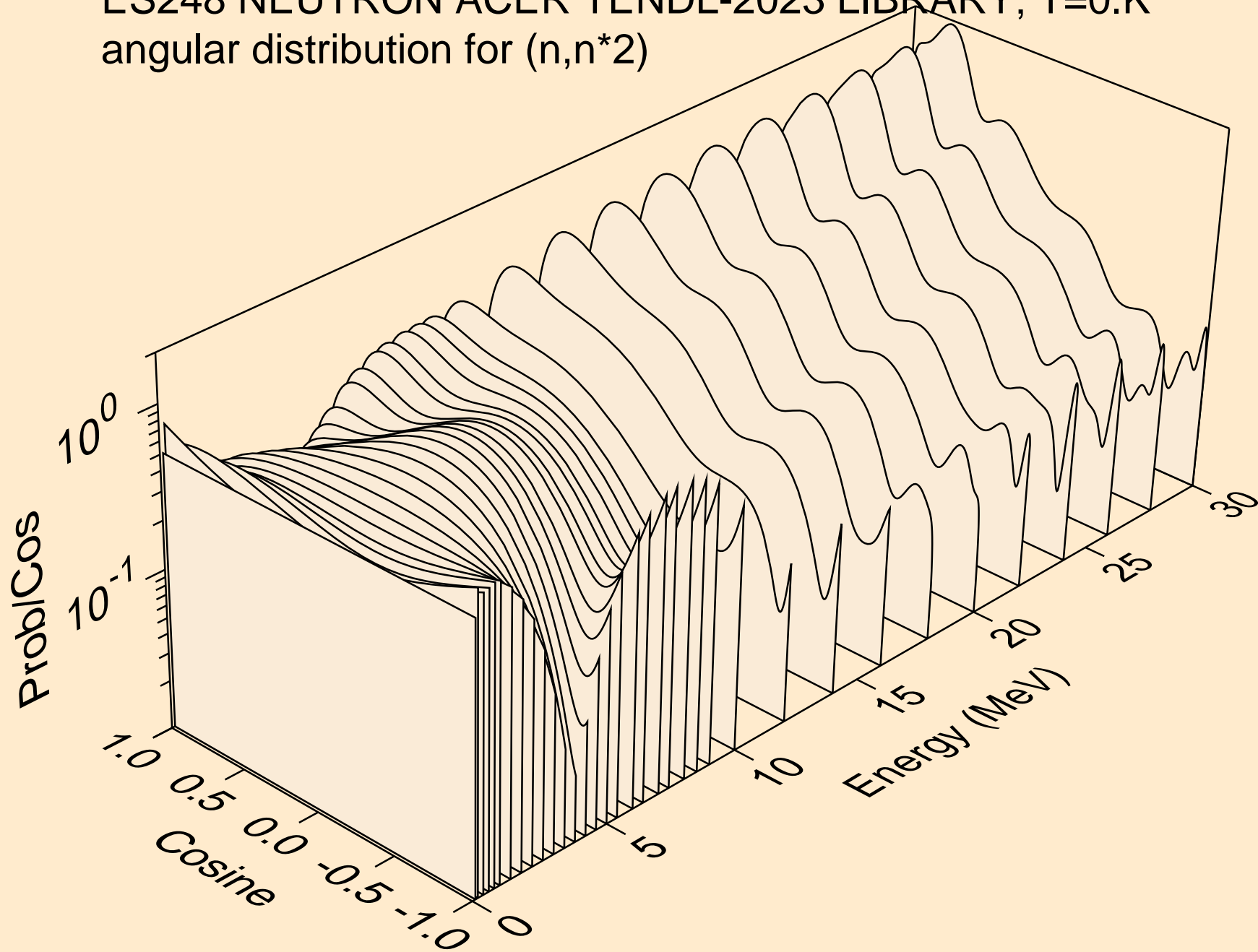
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



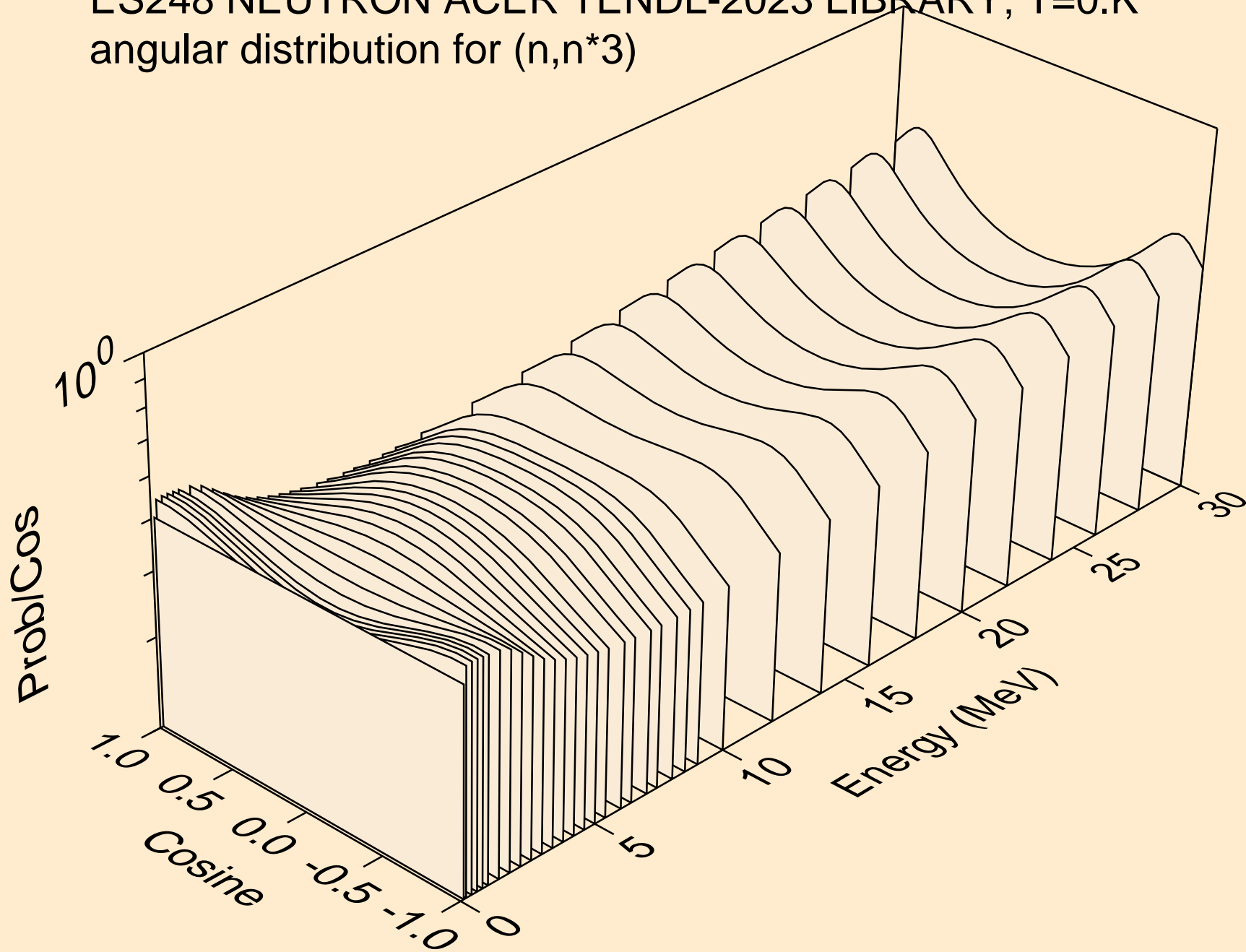
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



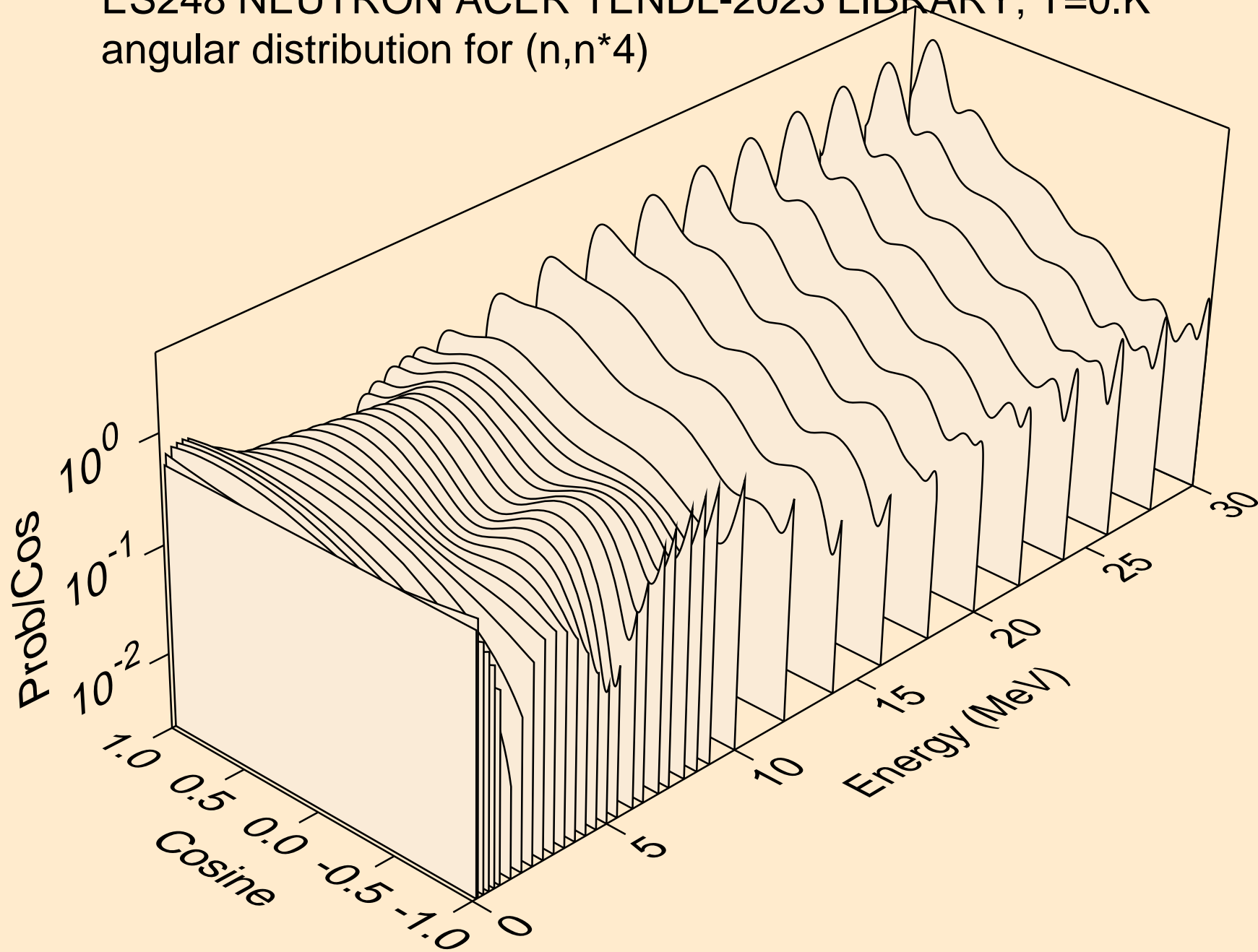
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

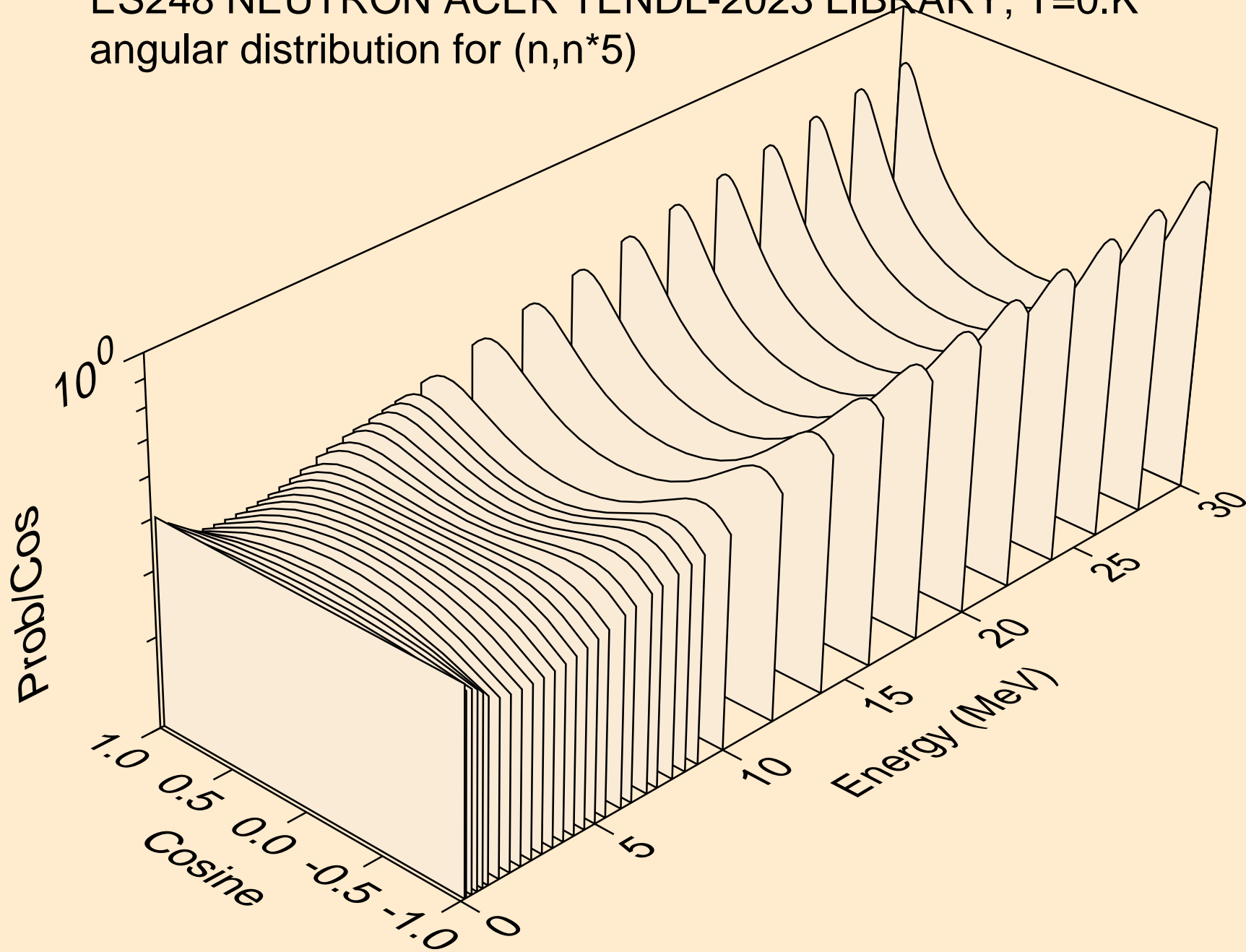


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

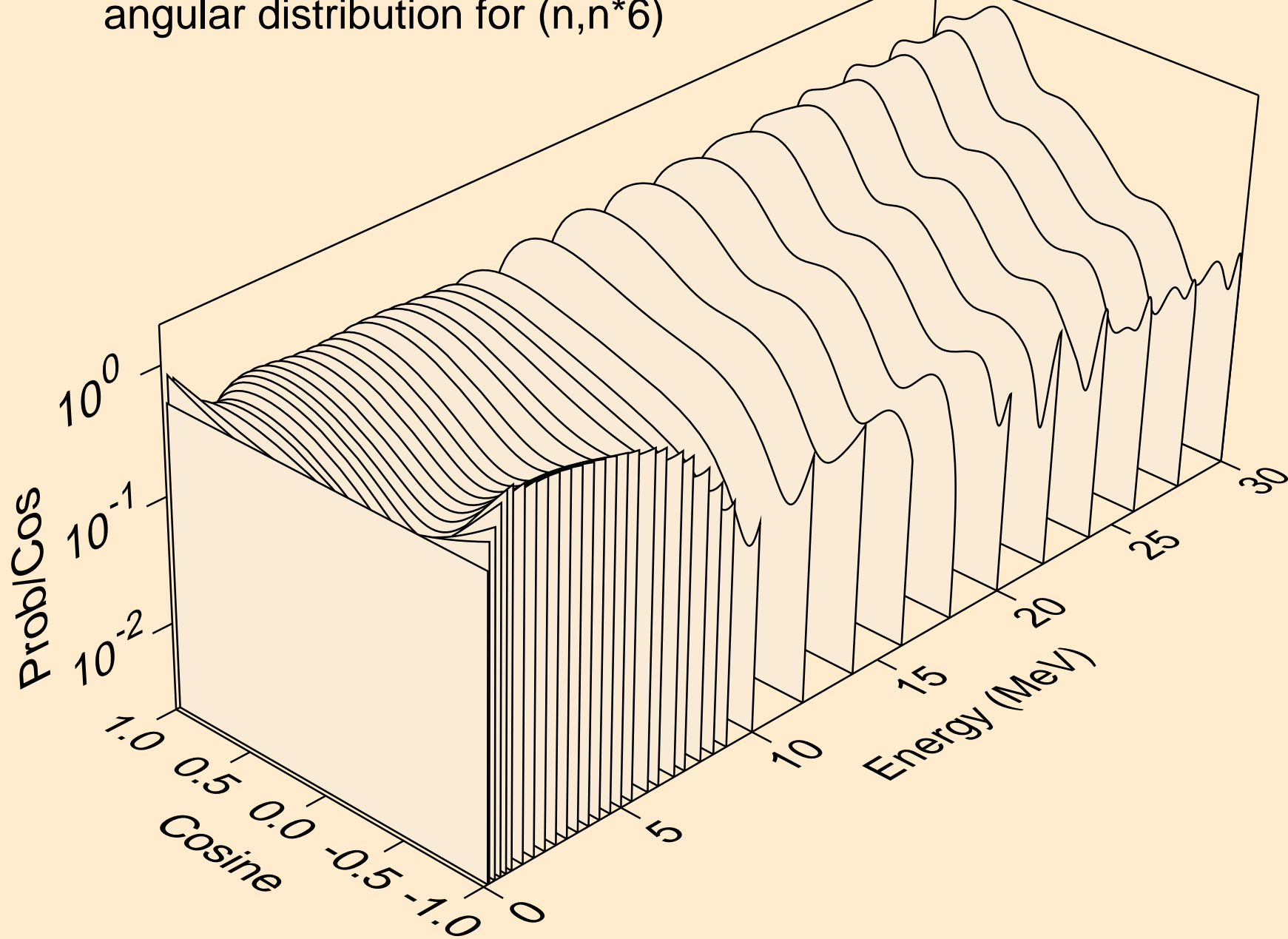




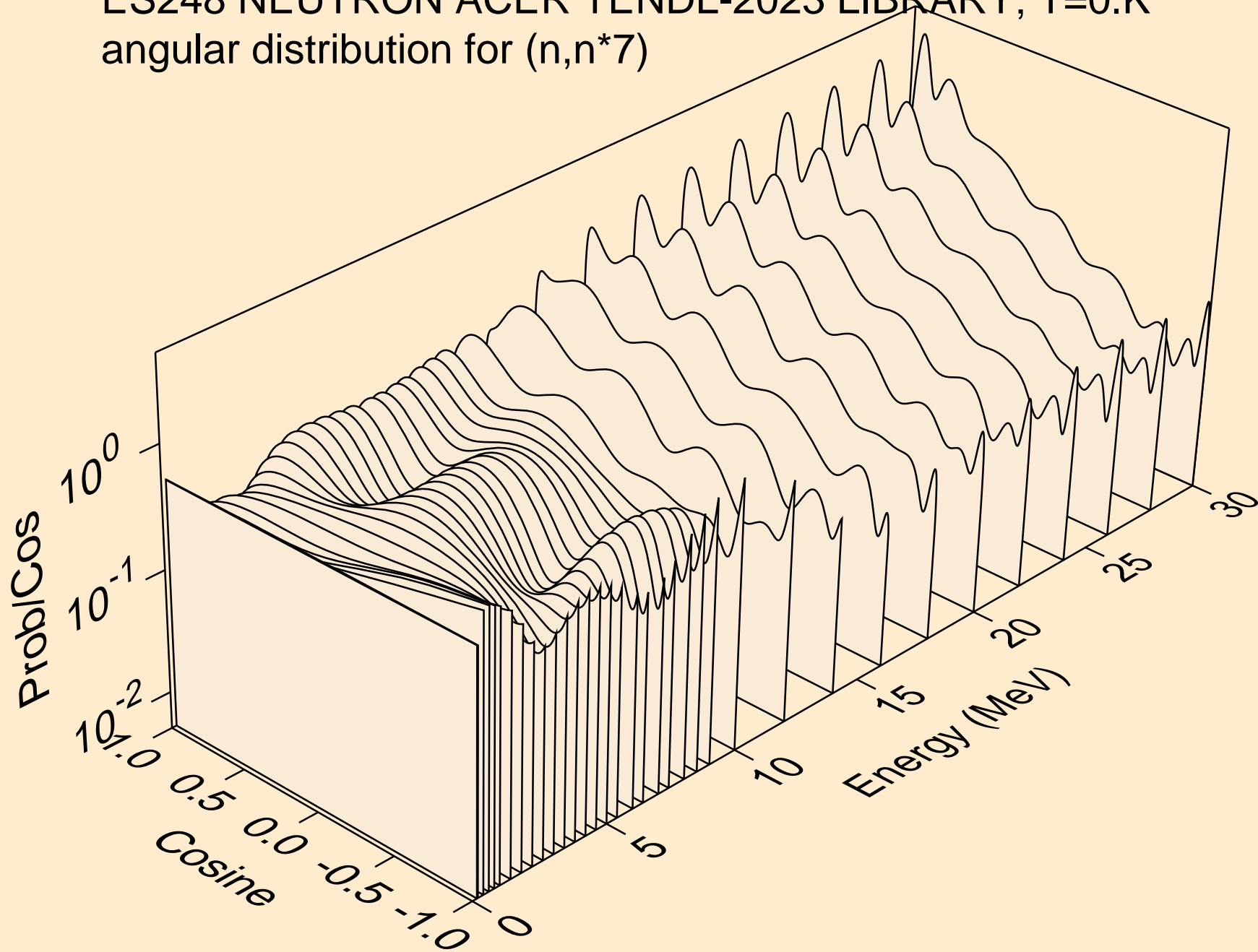
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



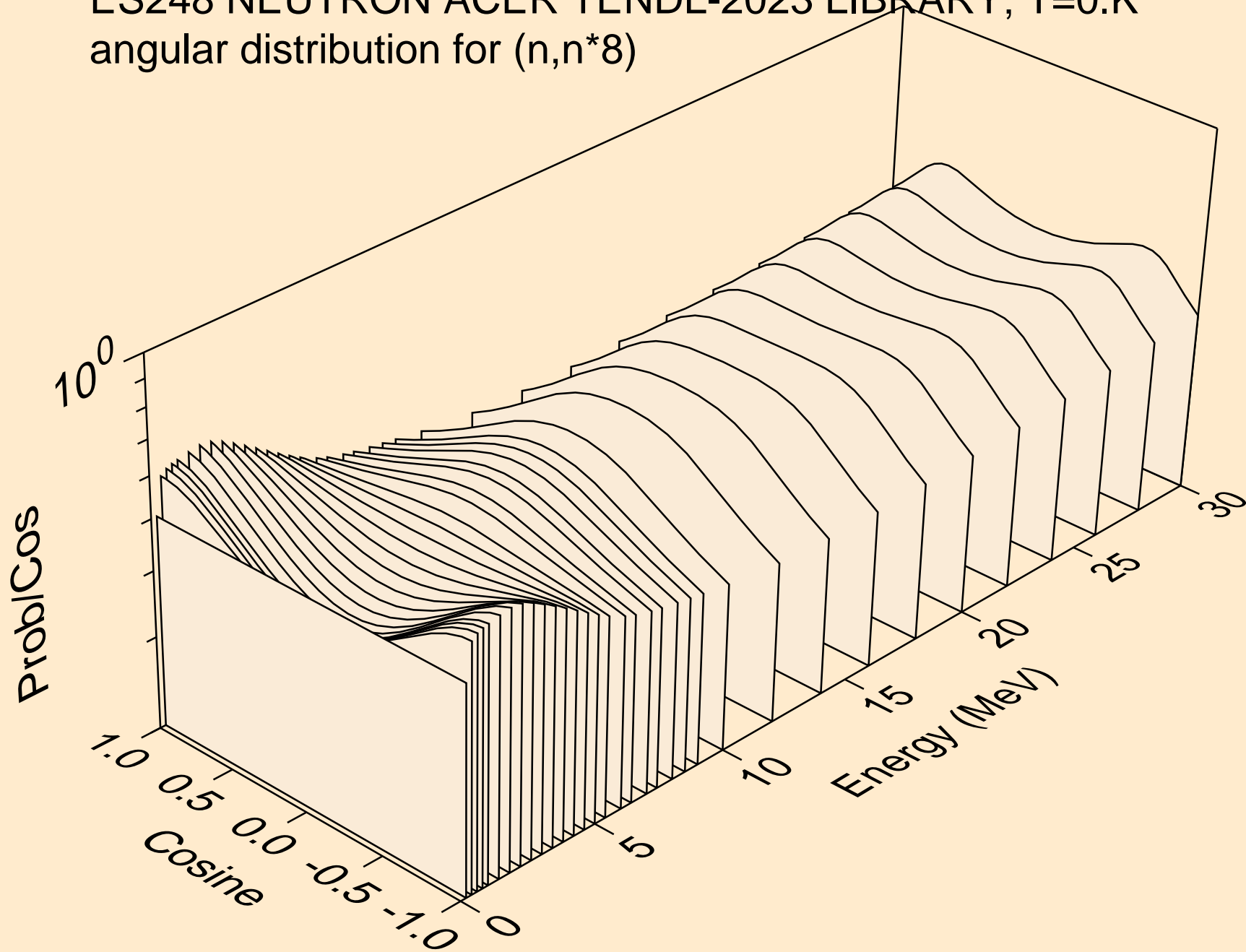
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



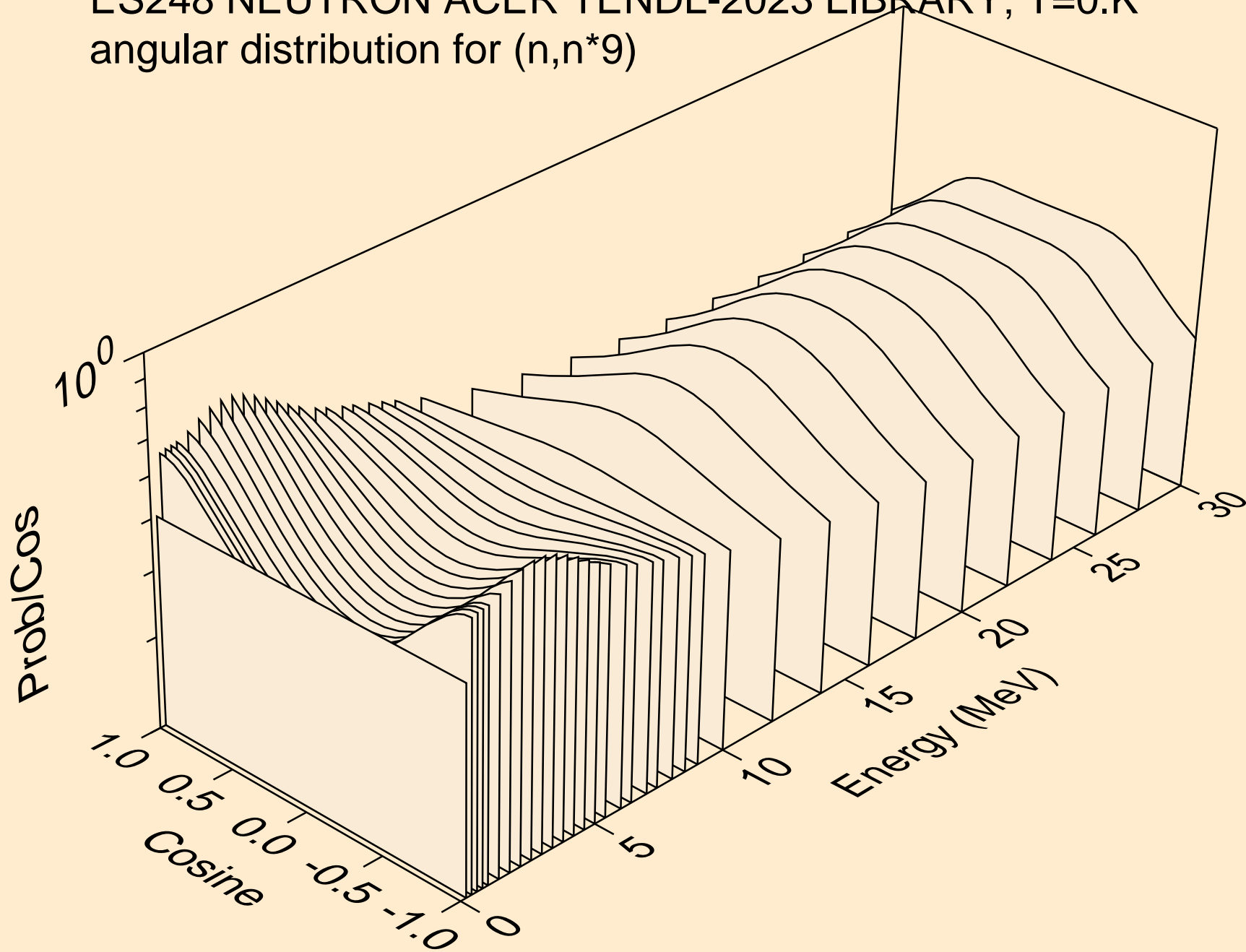
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



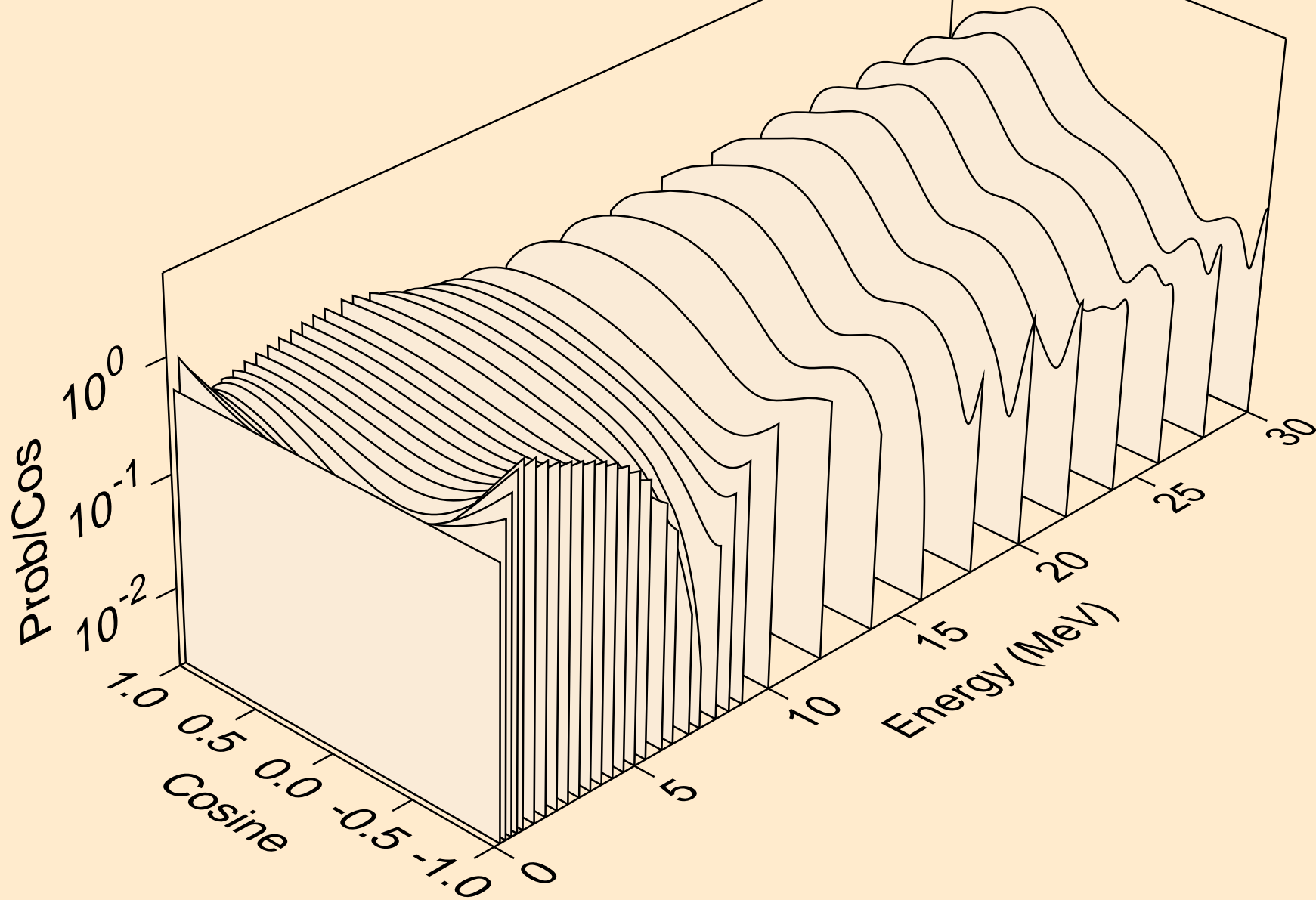
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



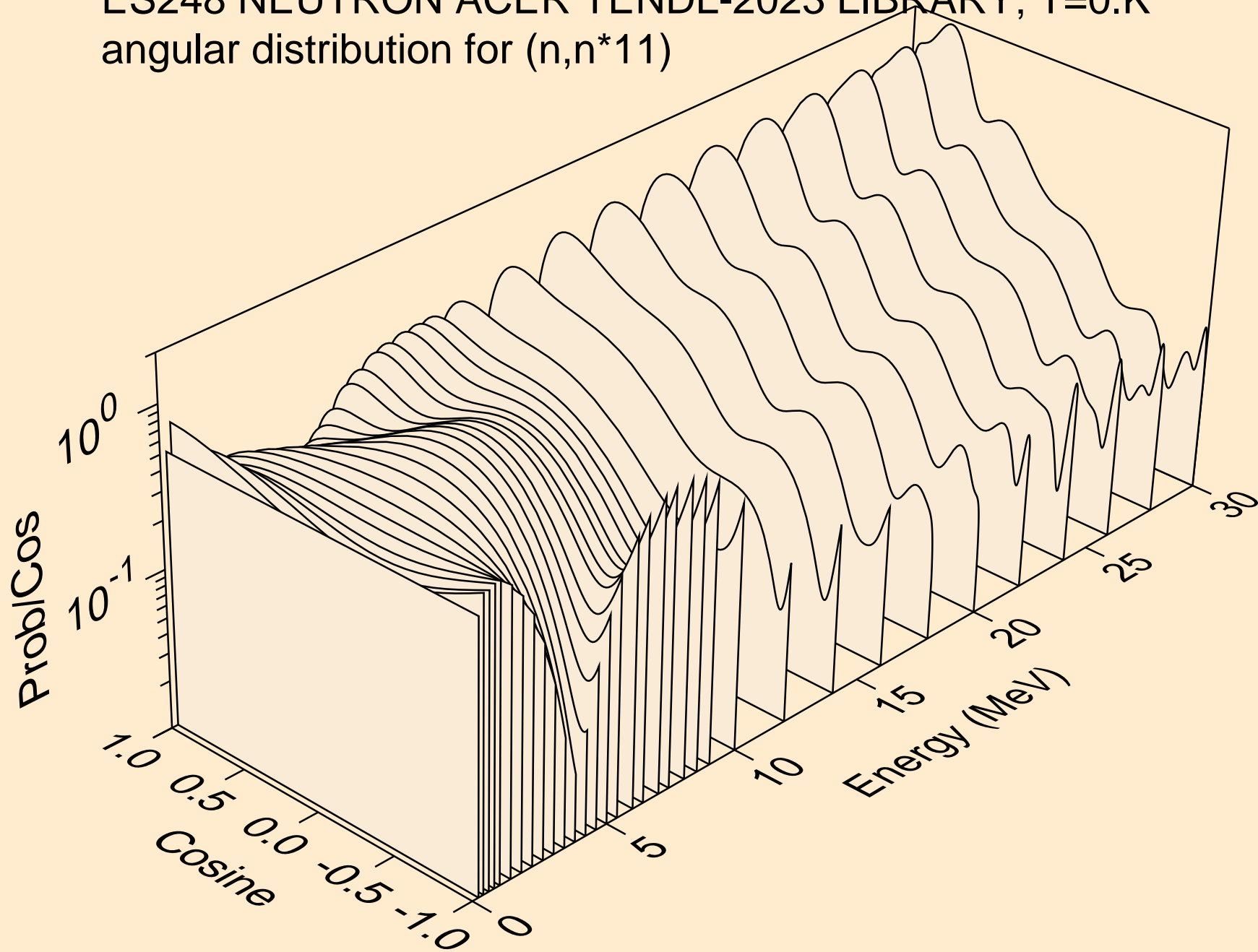
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



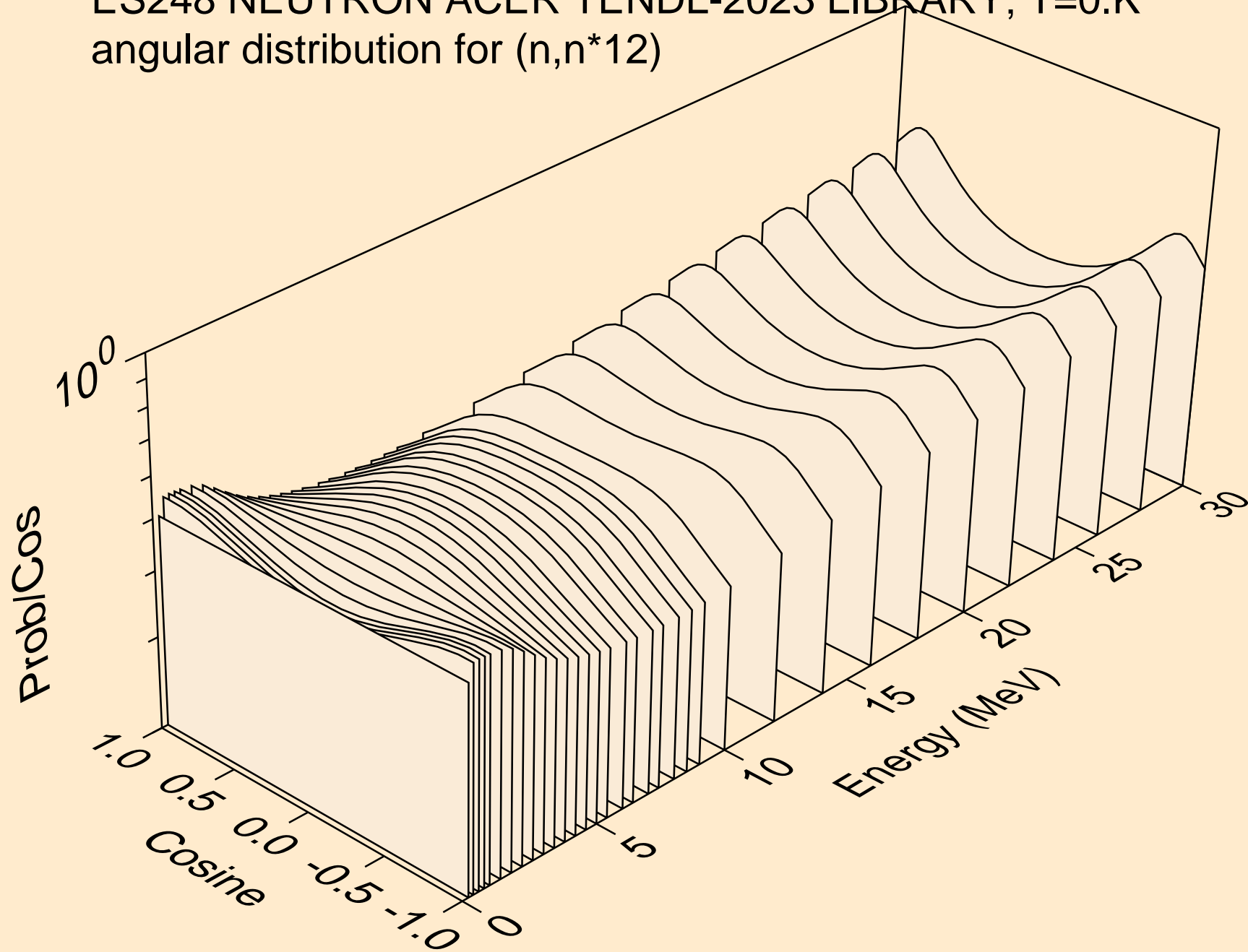
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

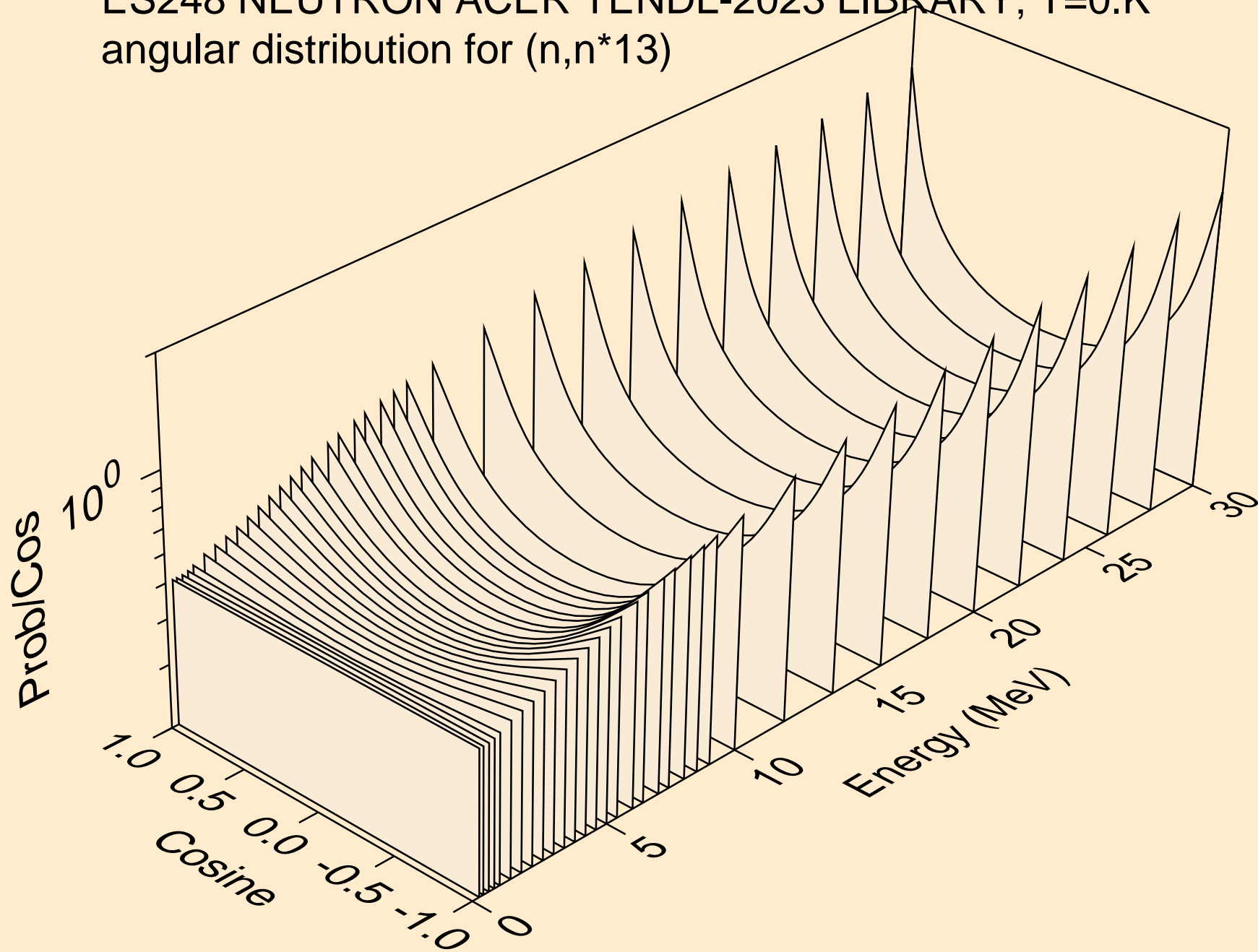


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

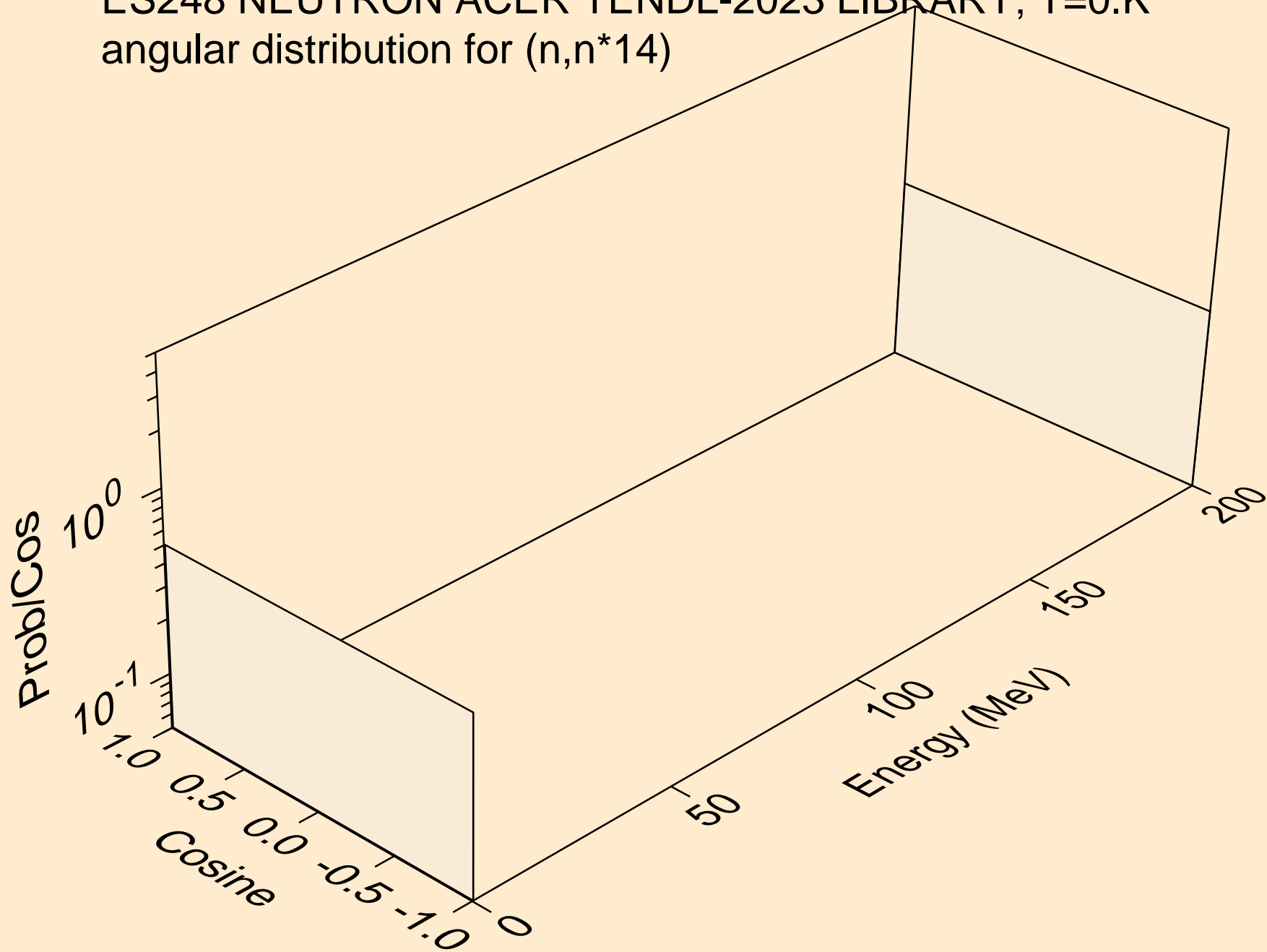




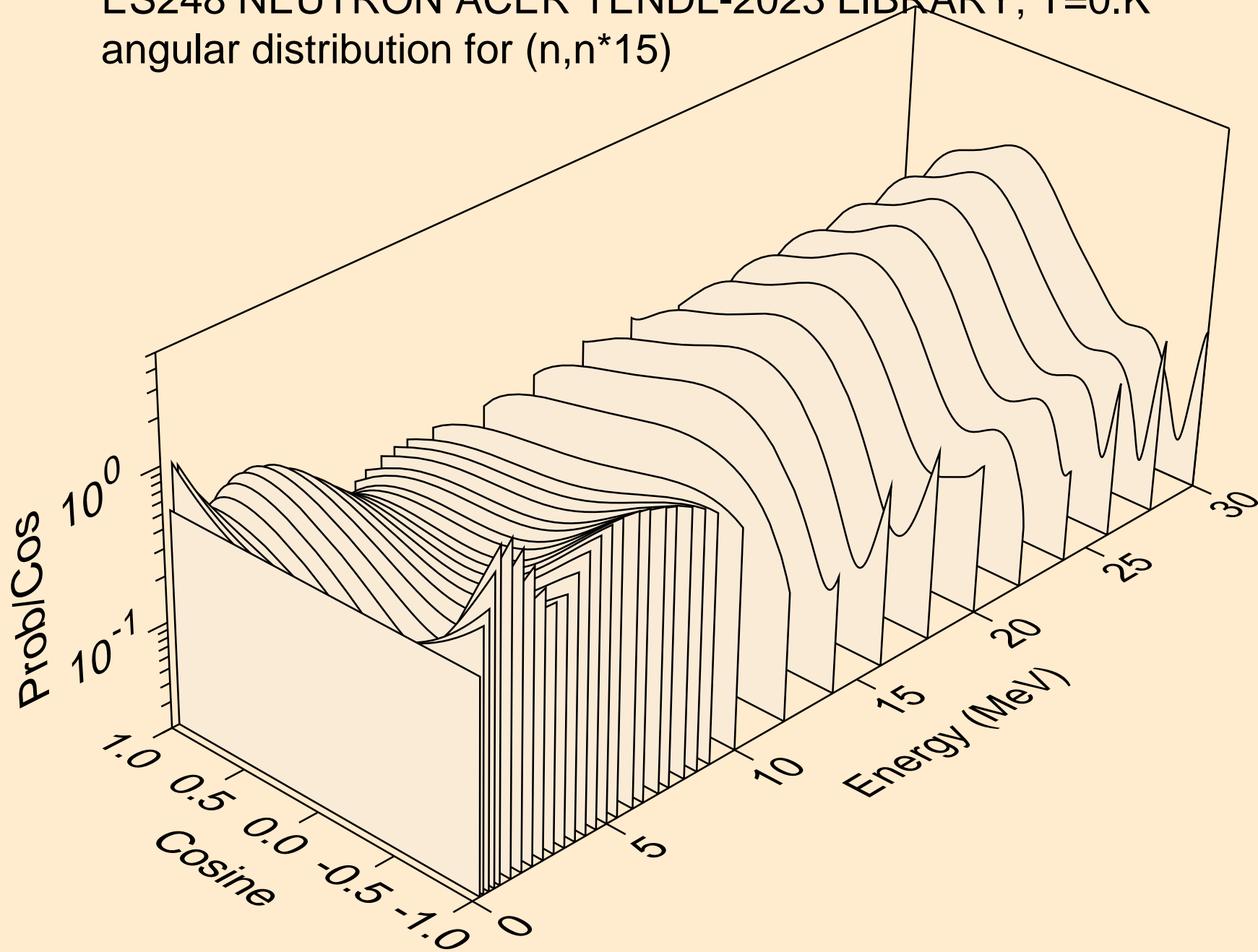
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



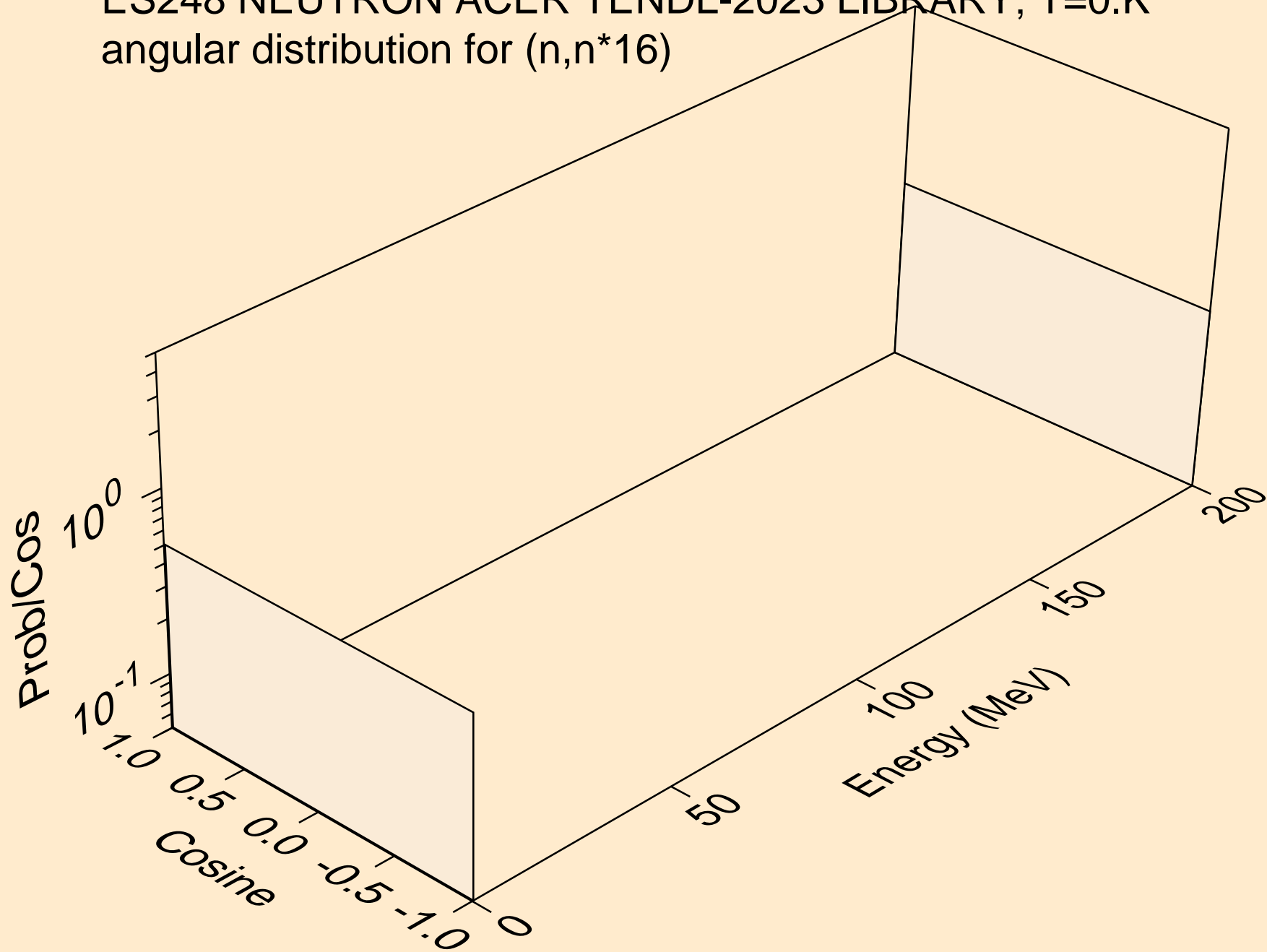
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



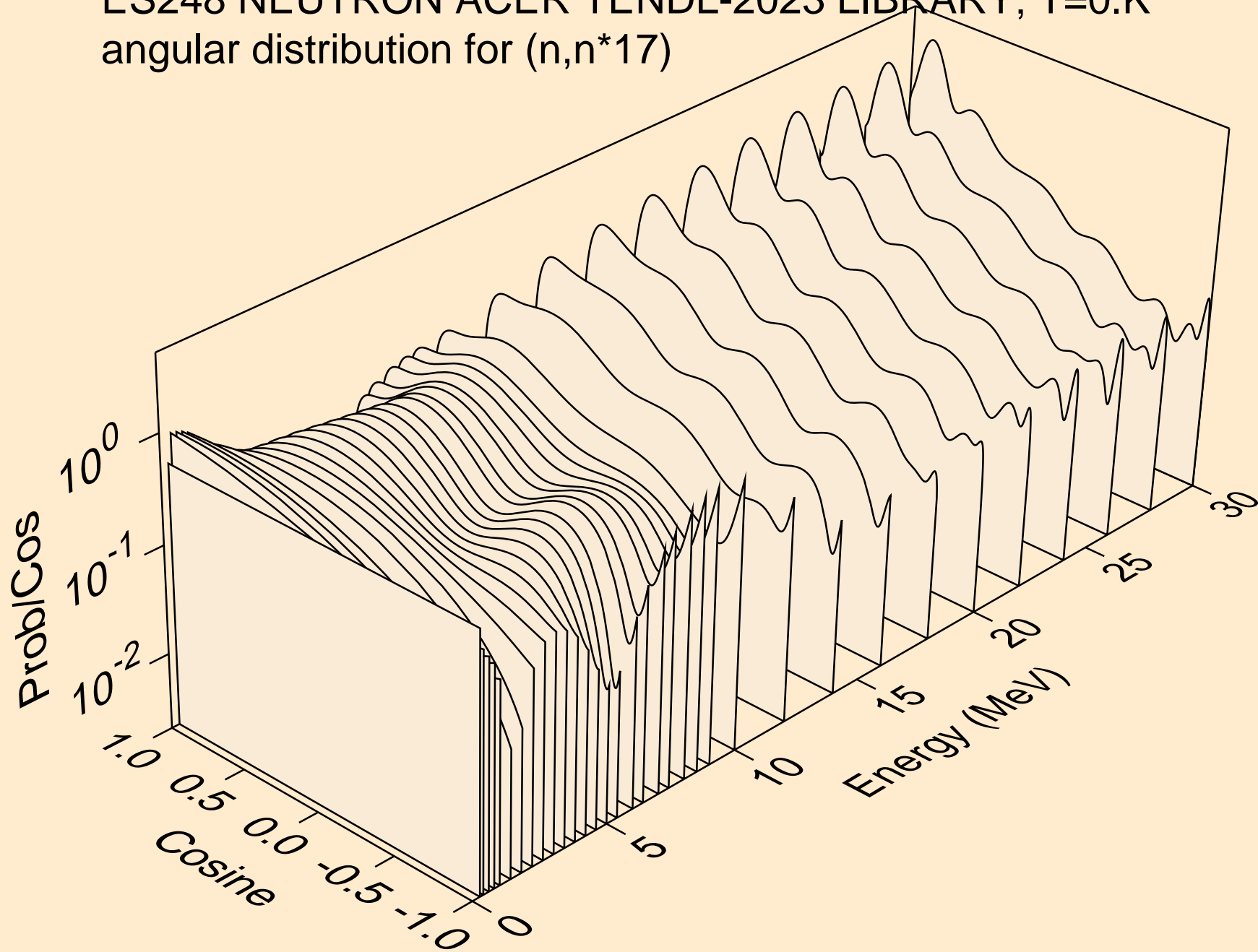
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



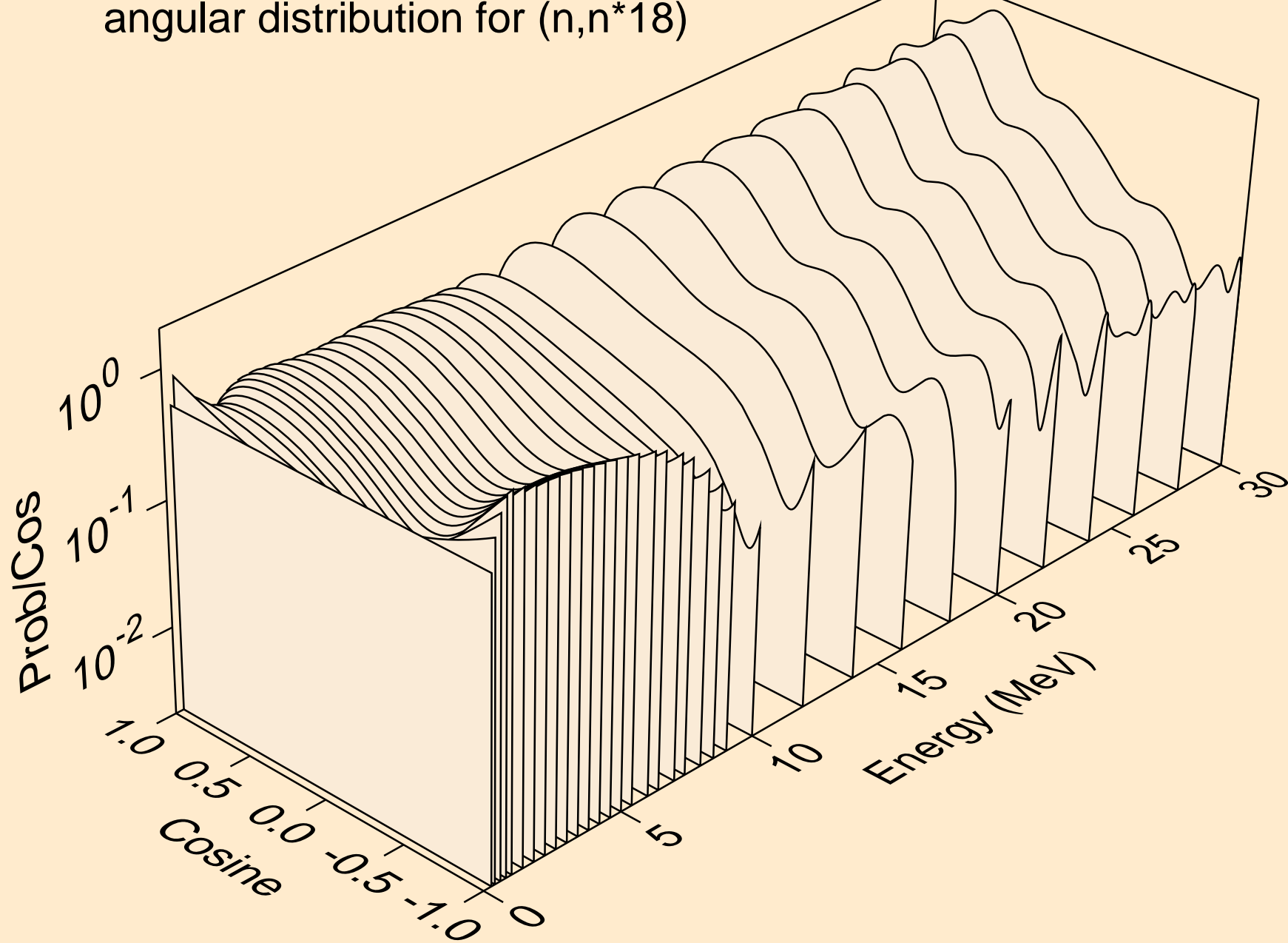
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



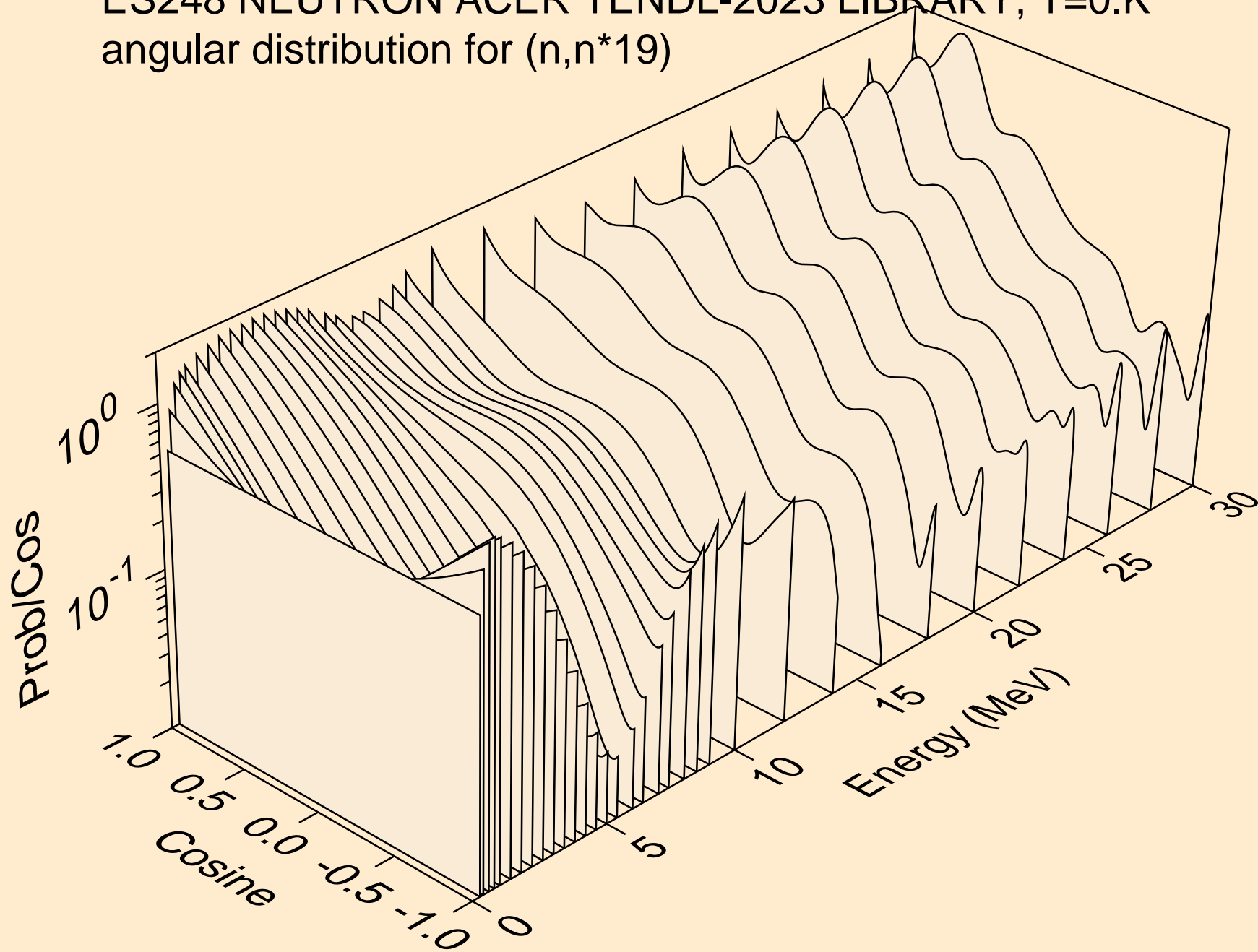
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



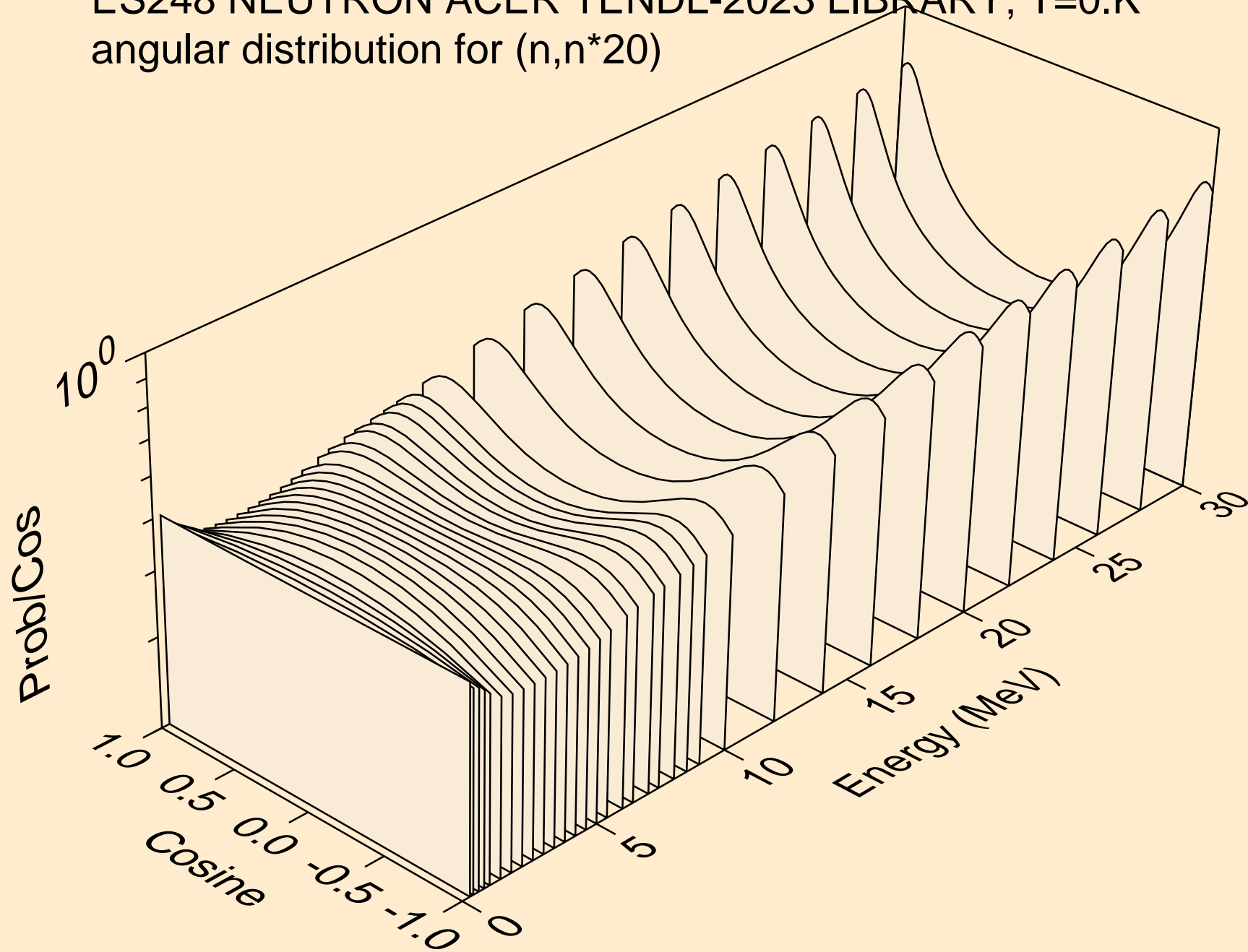
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

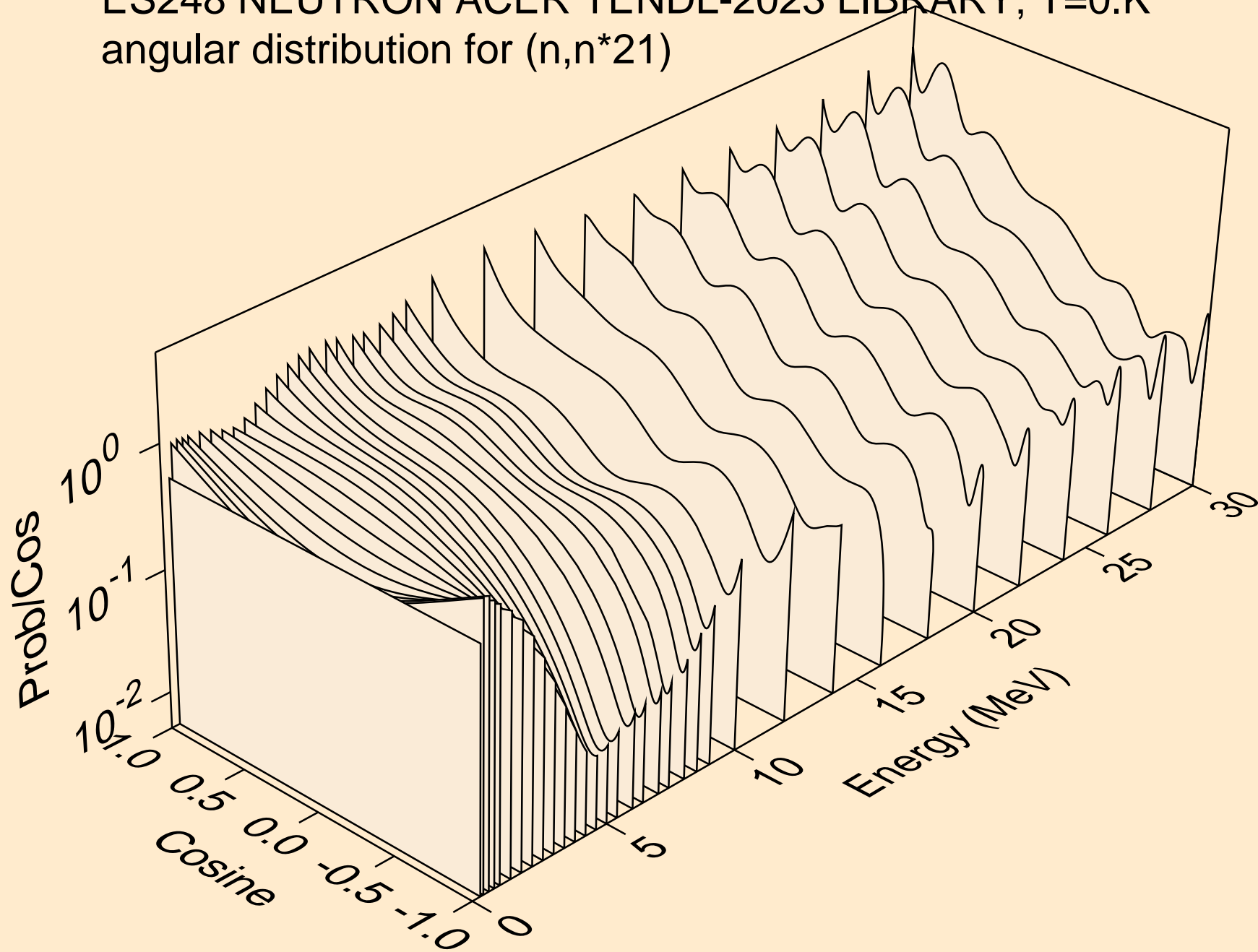


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

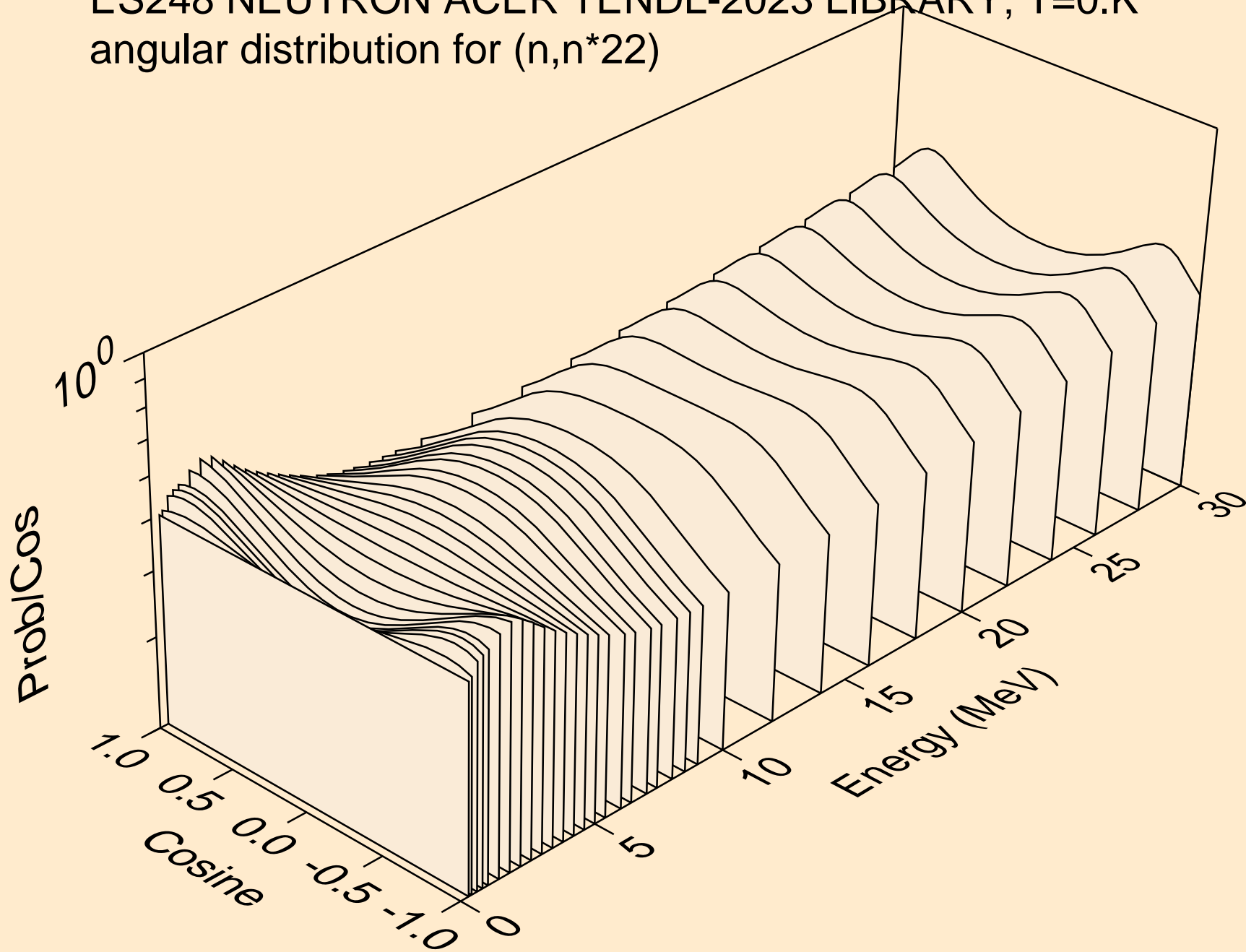




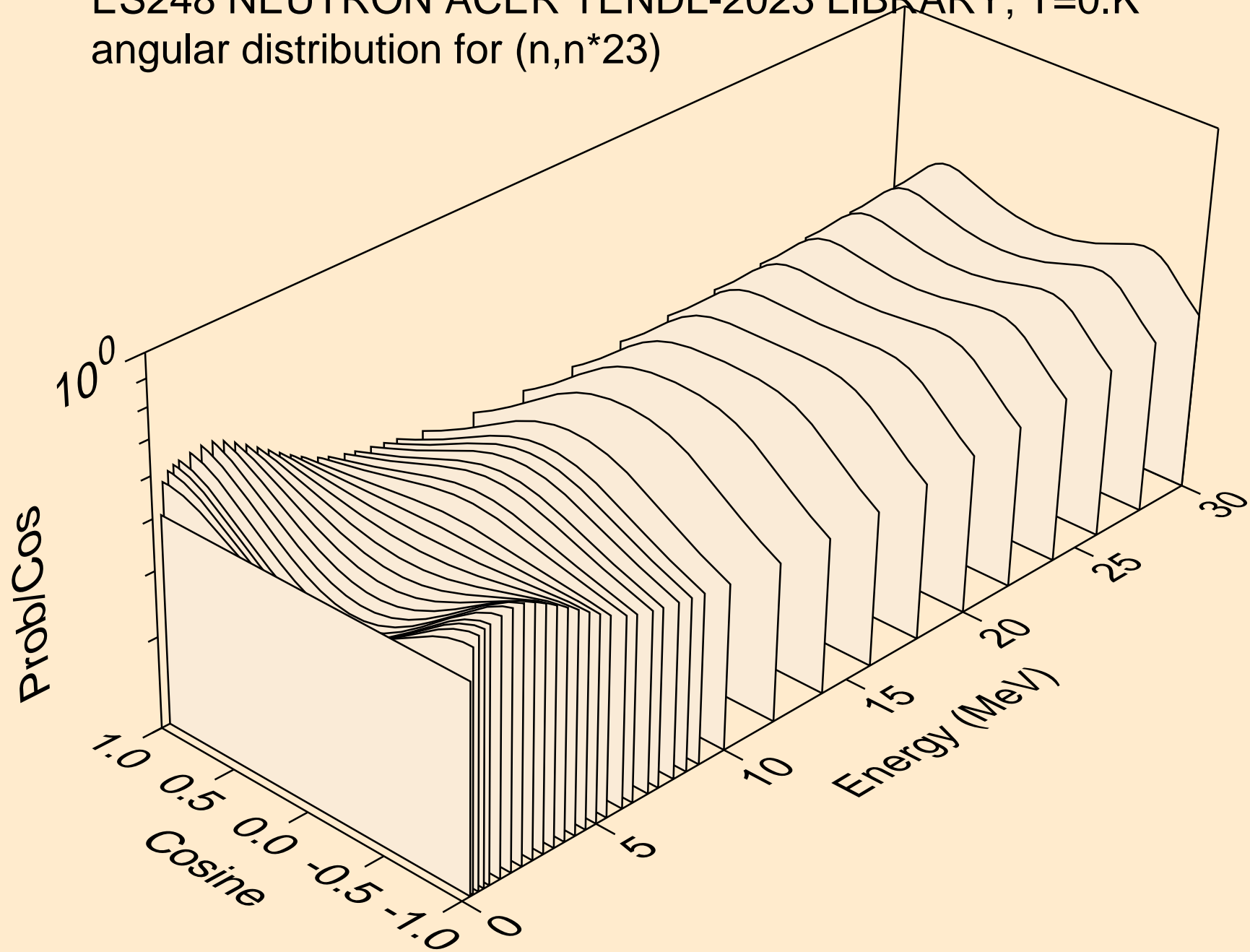
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

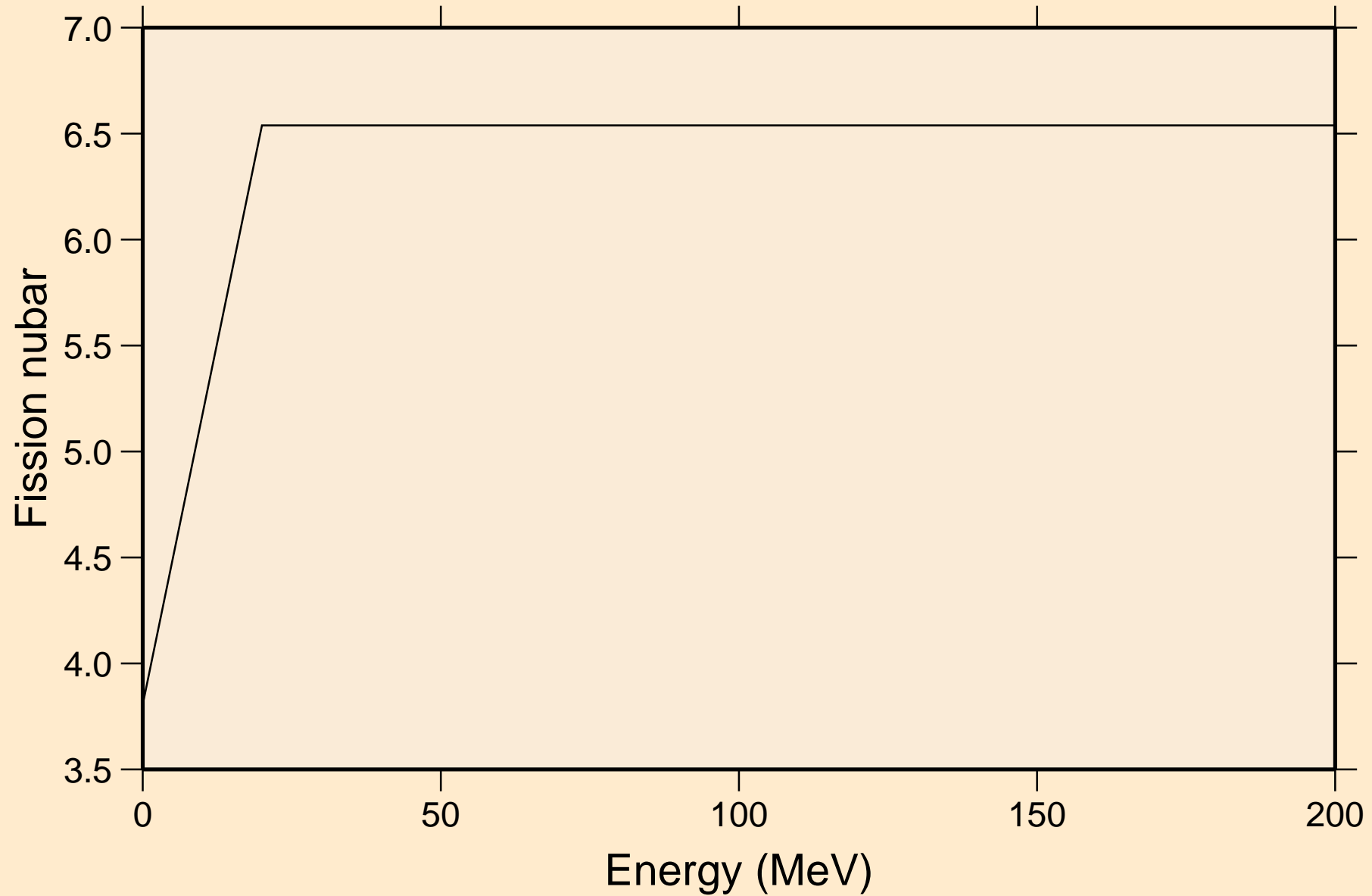


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

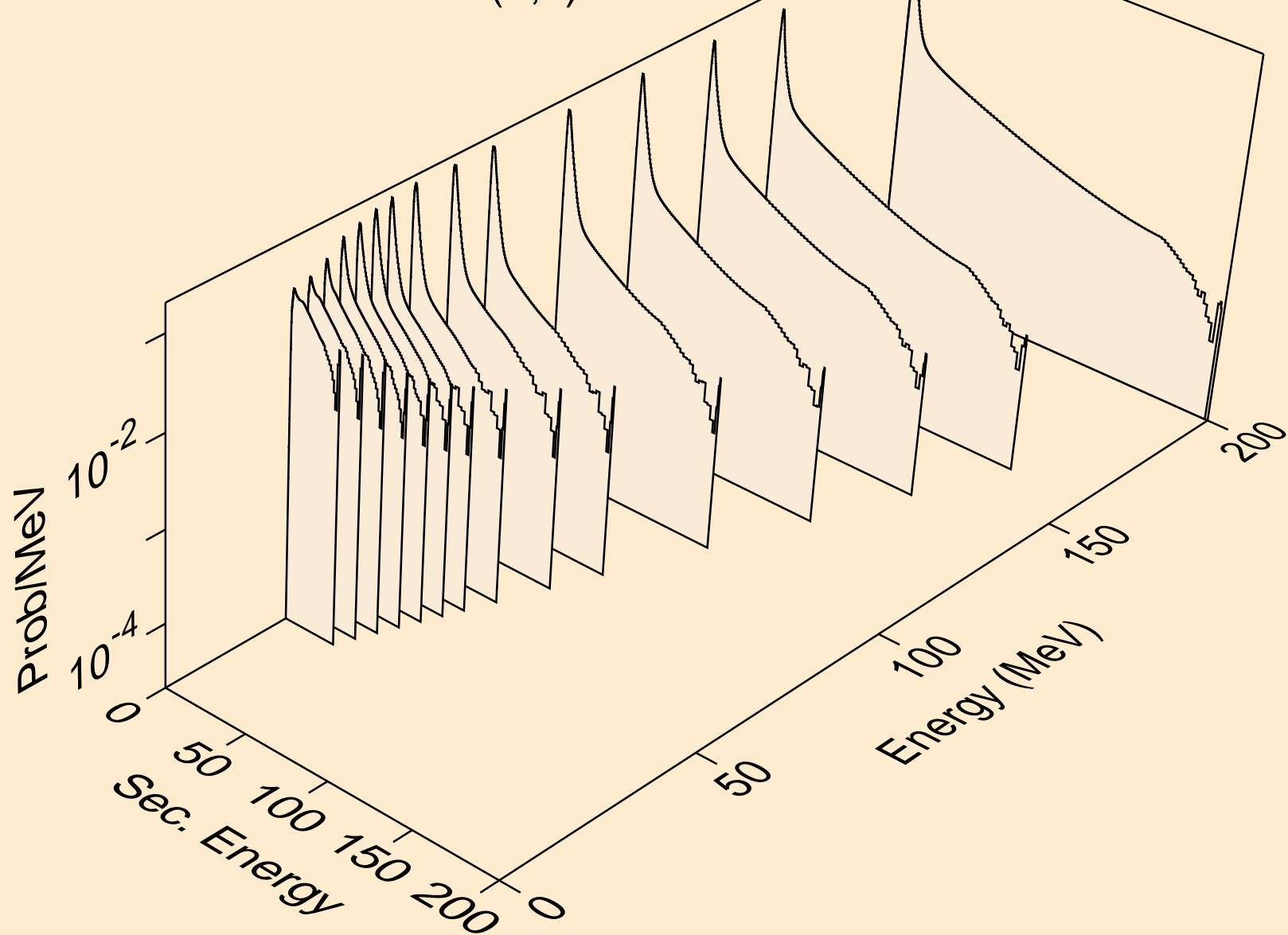


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

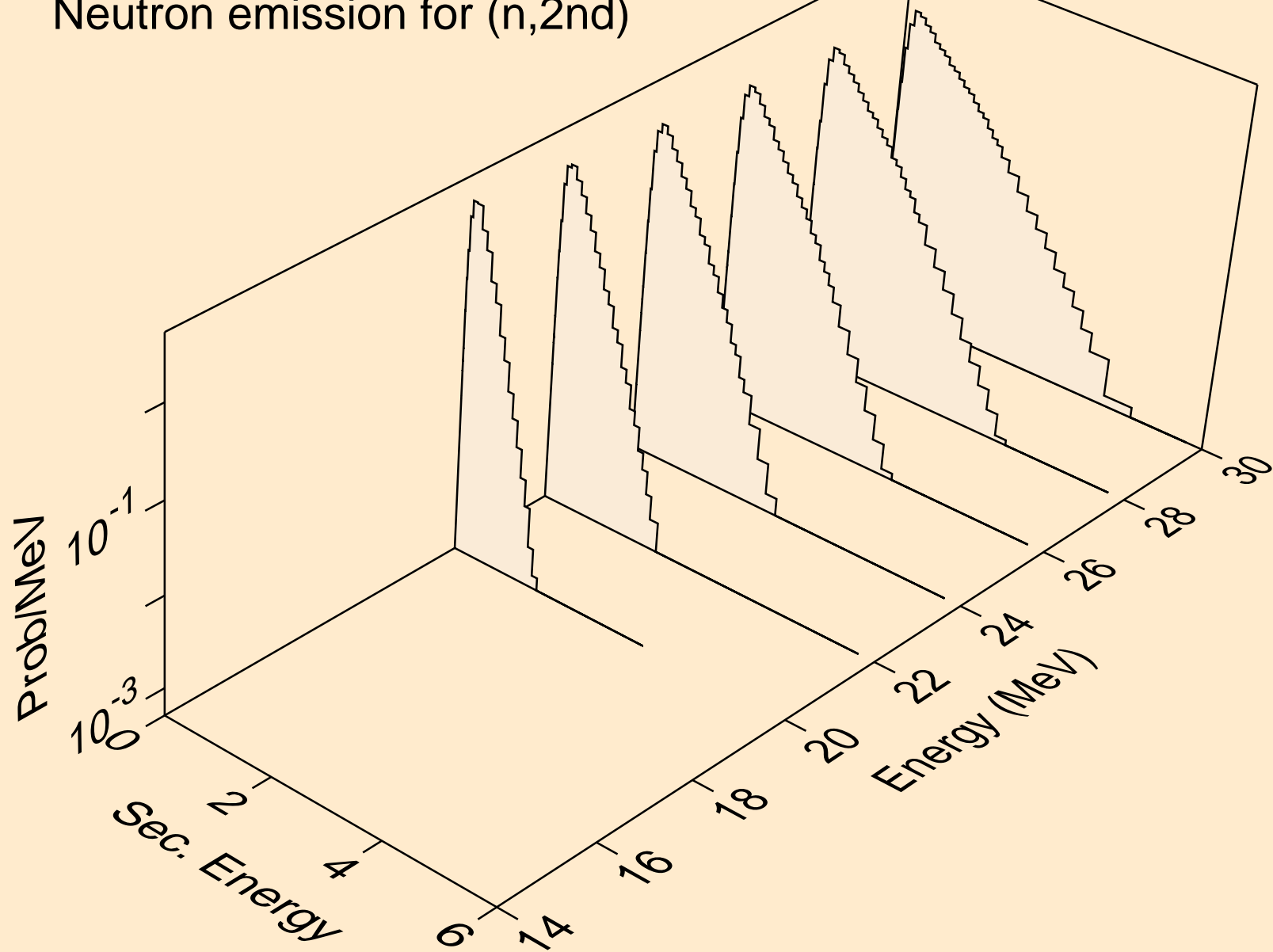
Total fission nubar



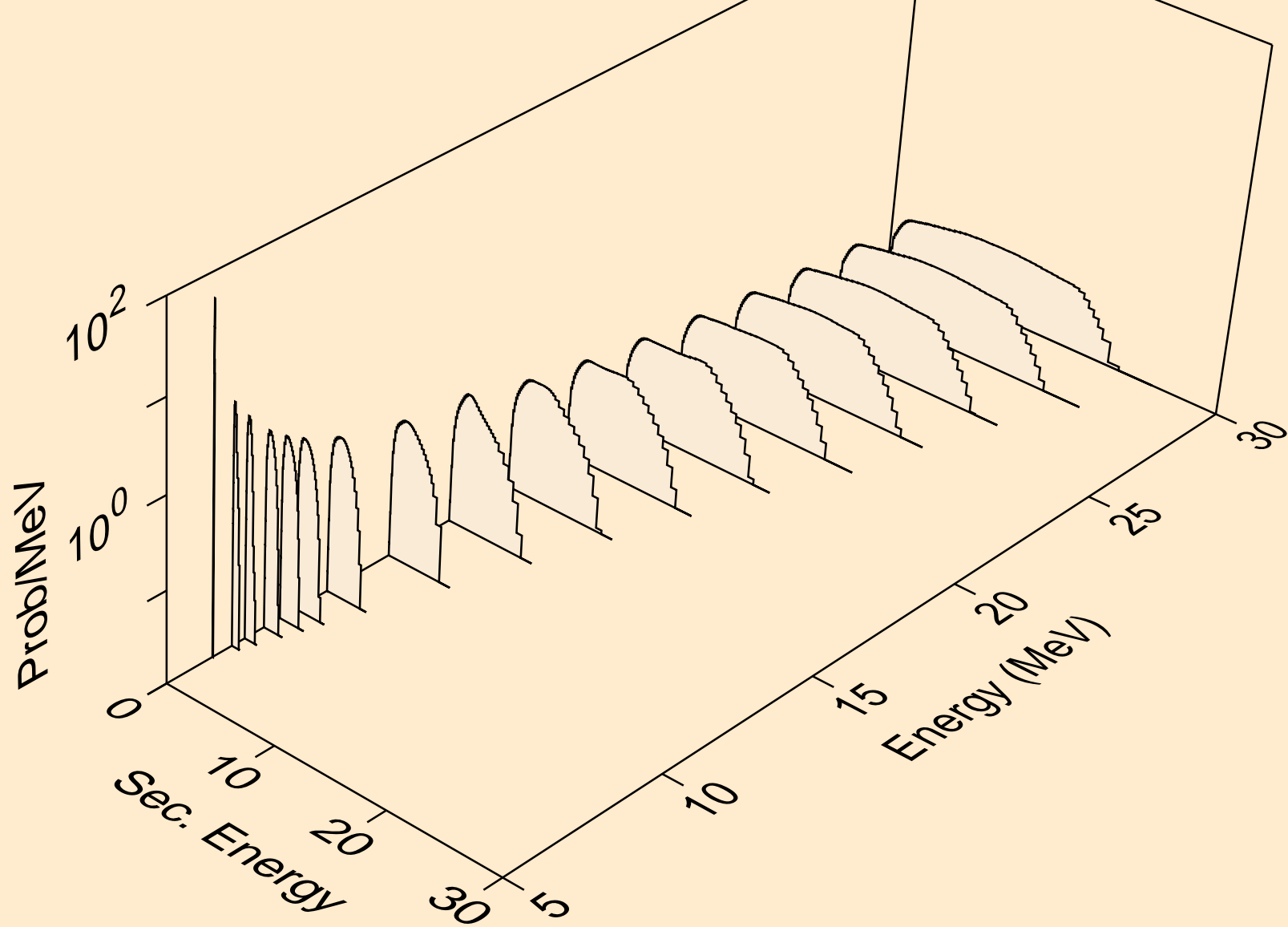
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



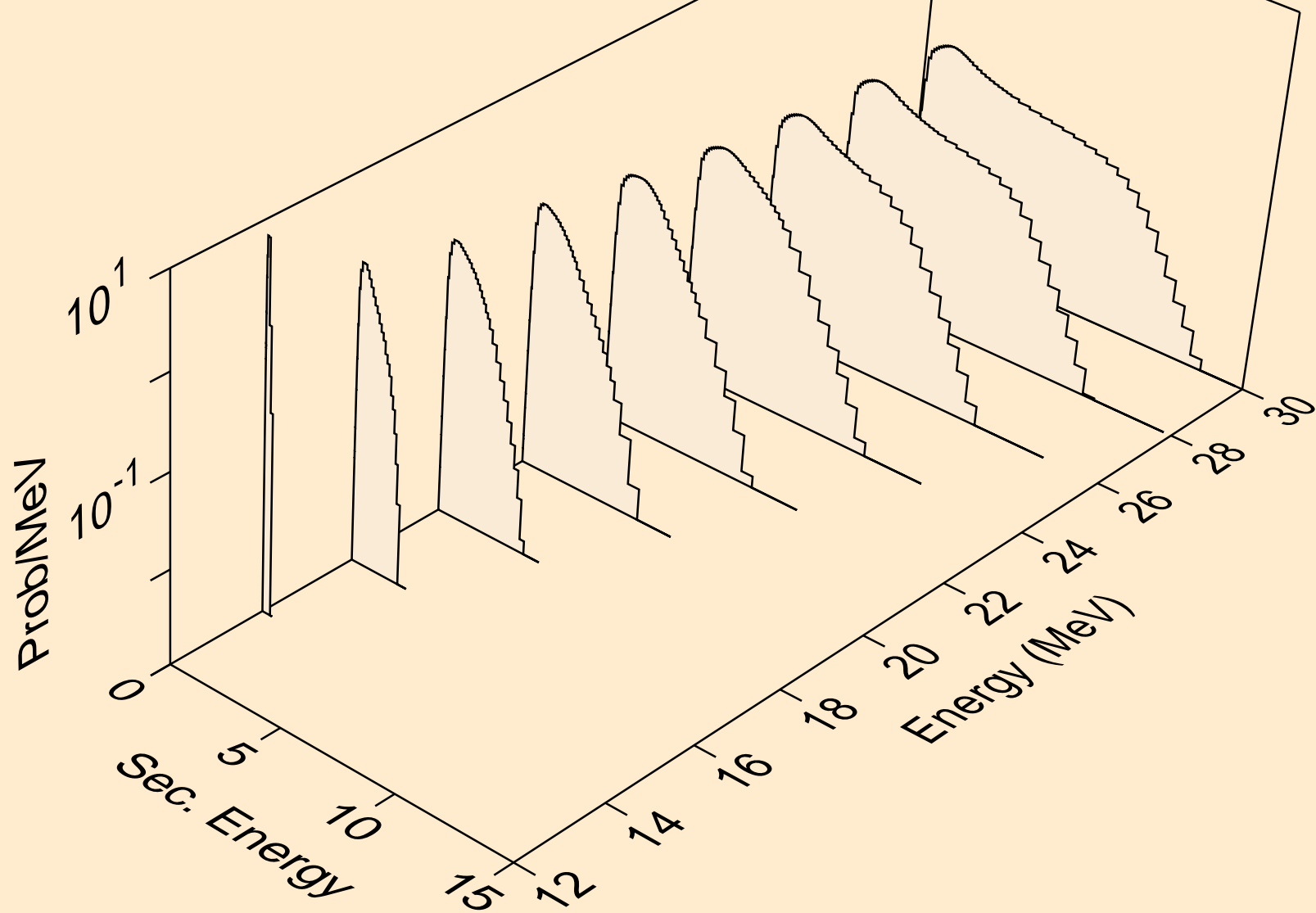
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

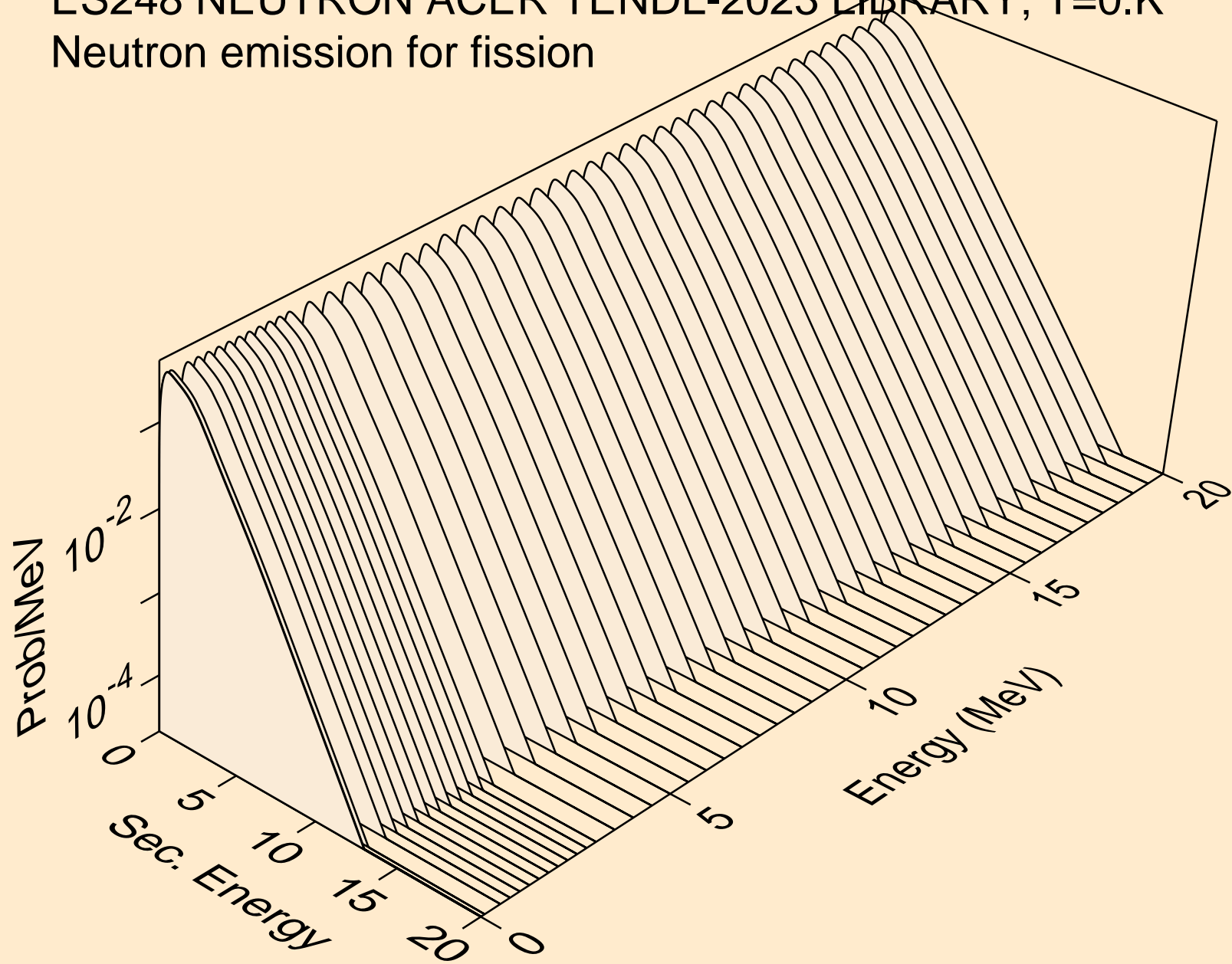


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

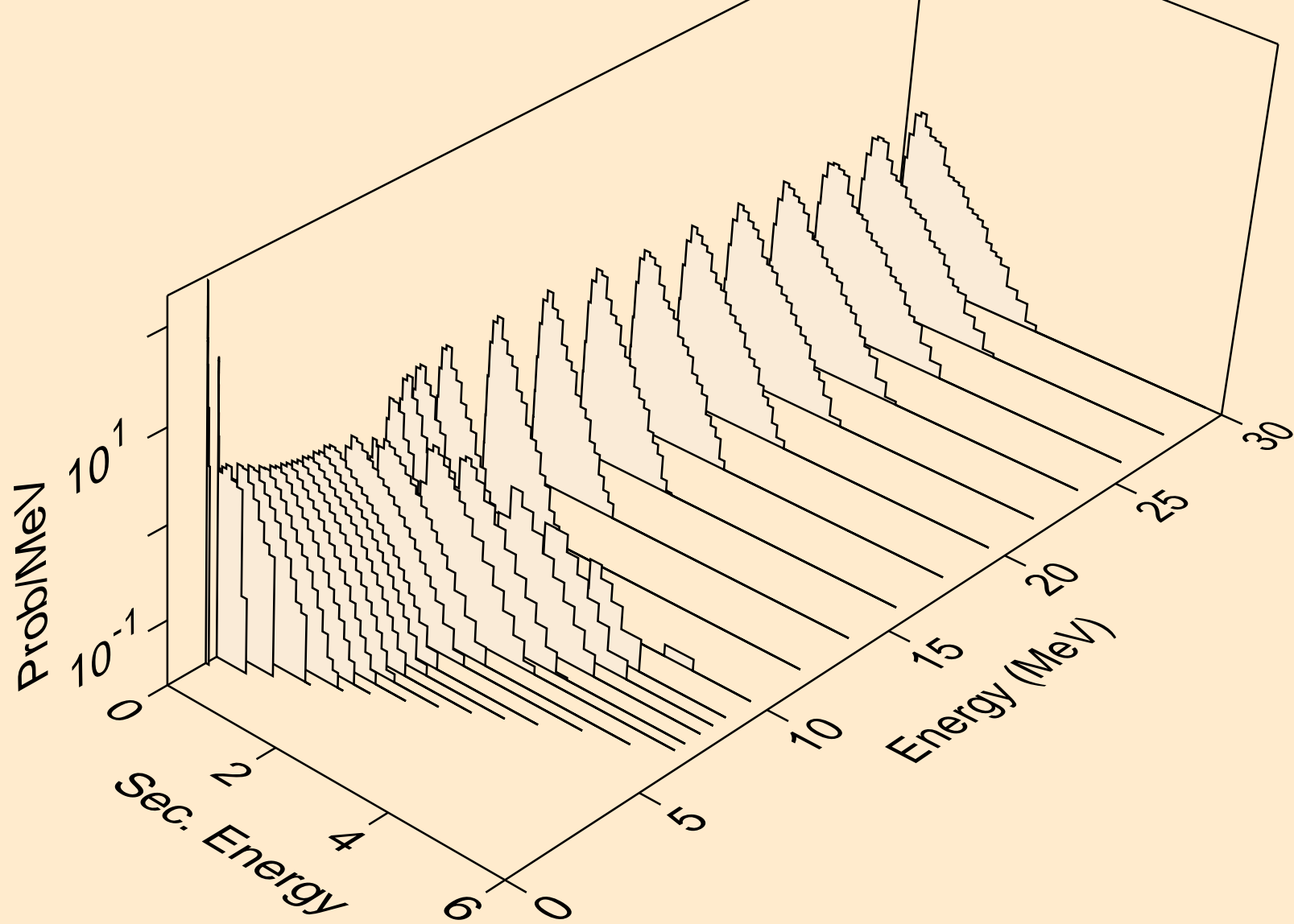




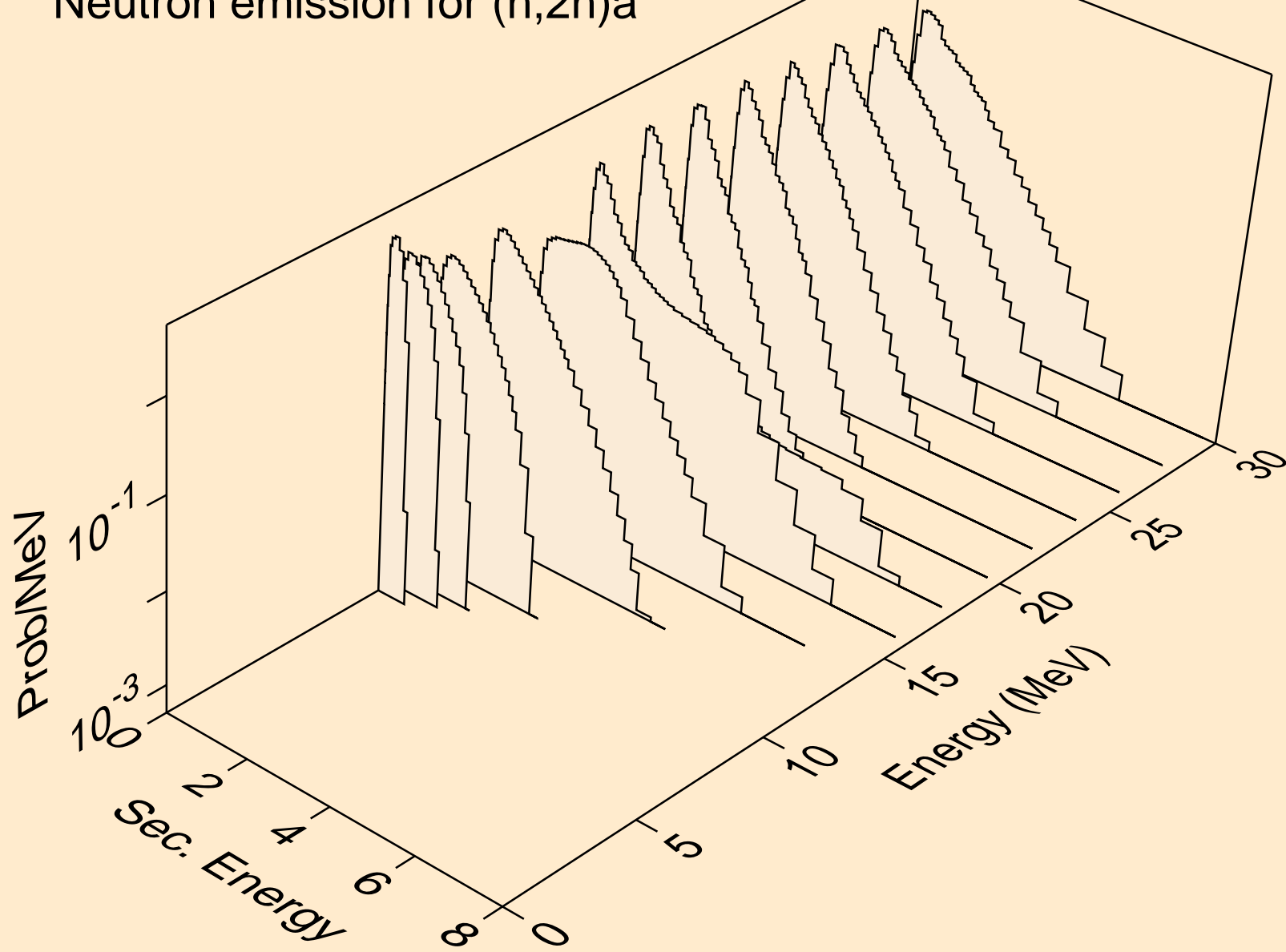
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



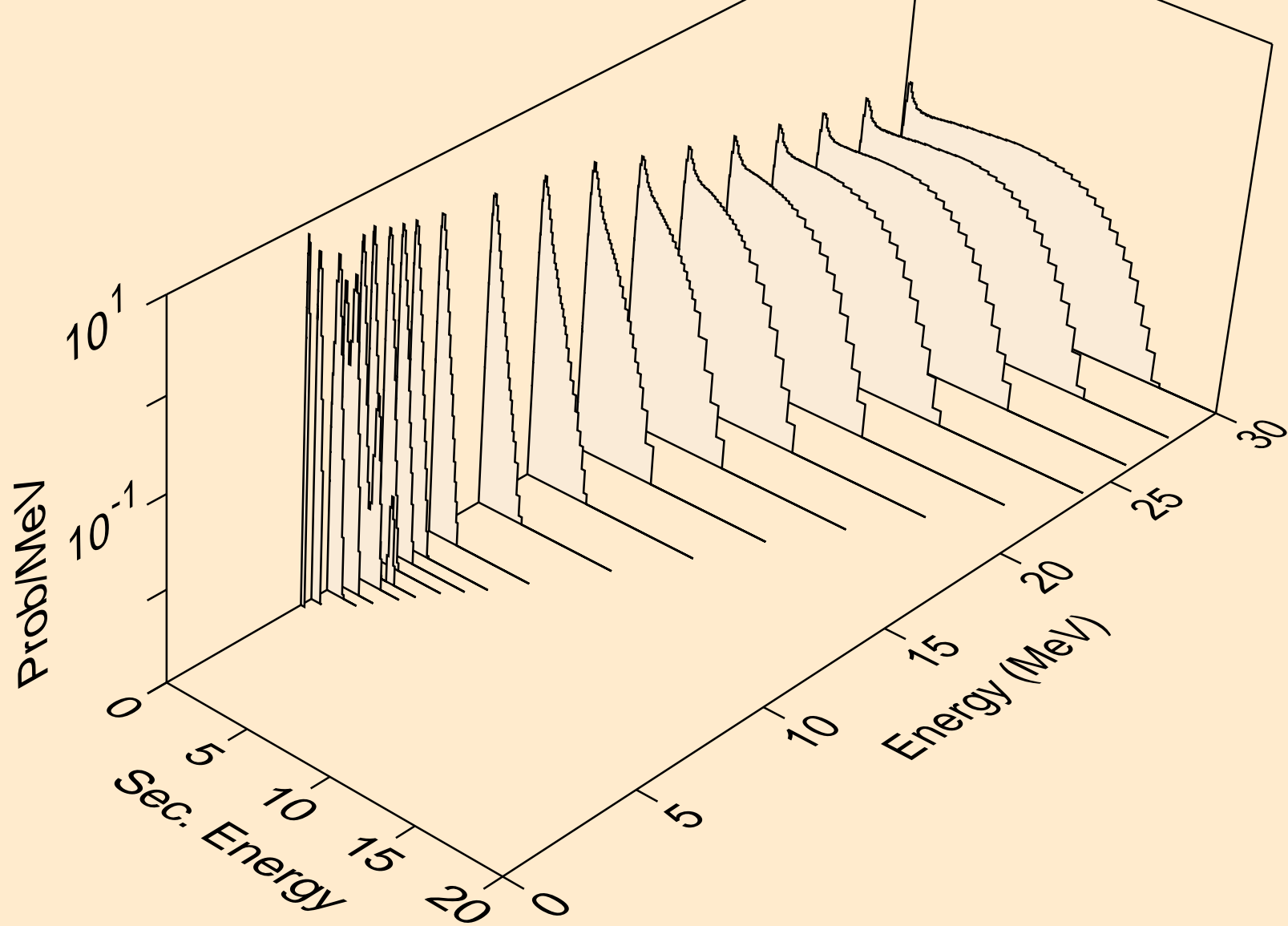
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



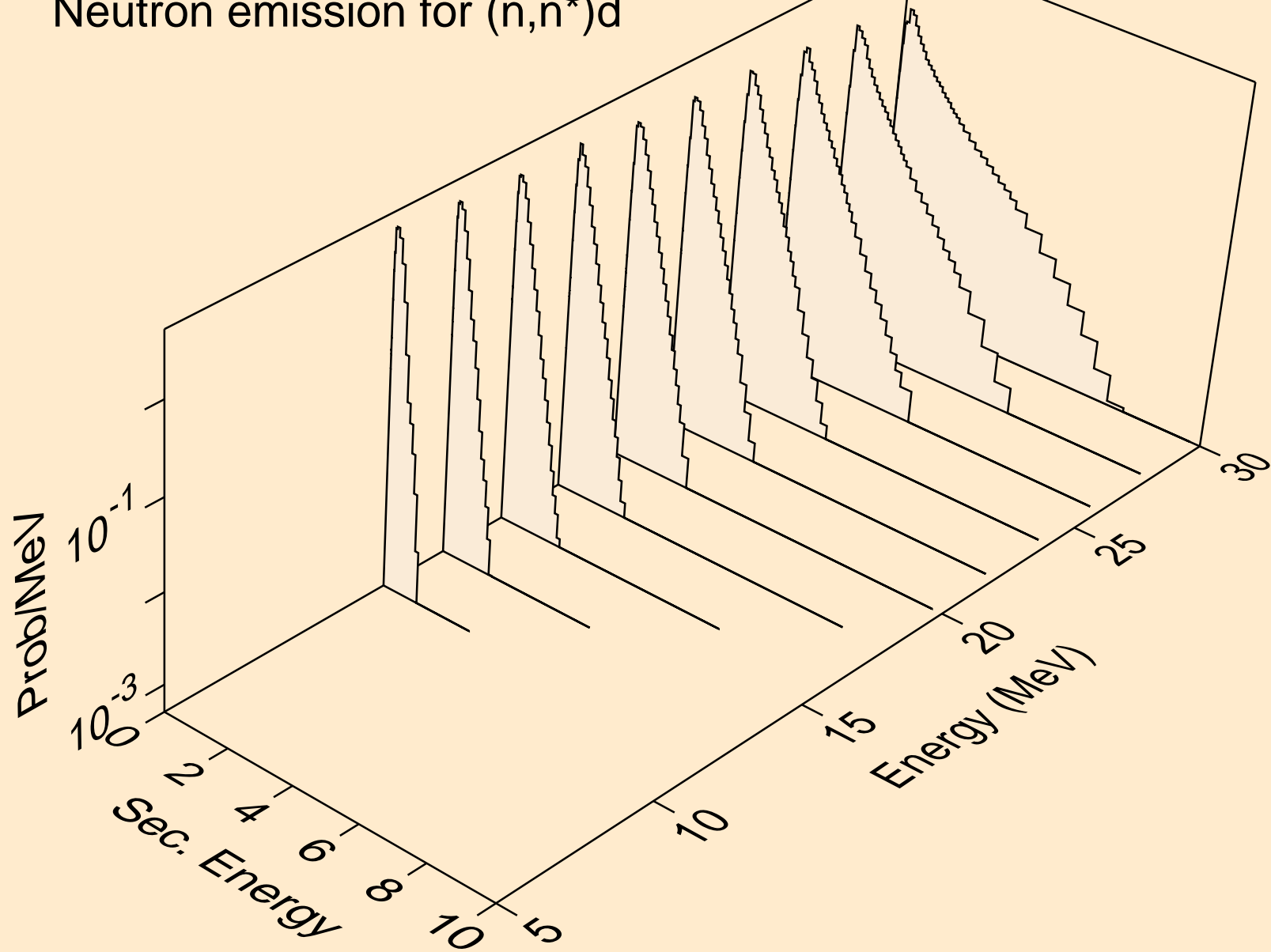
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



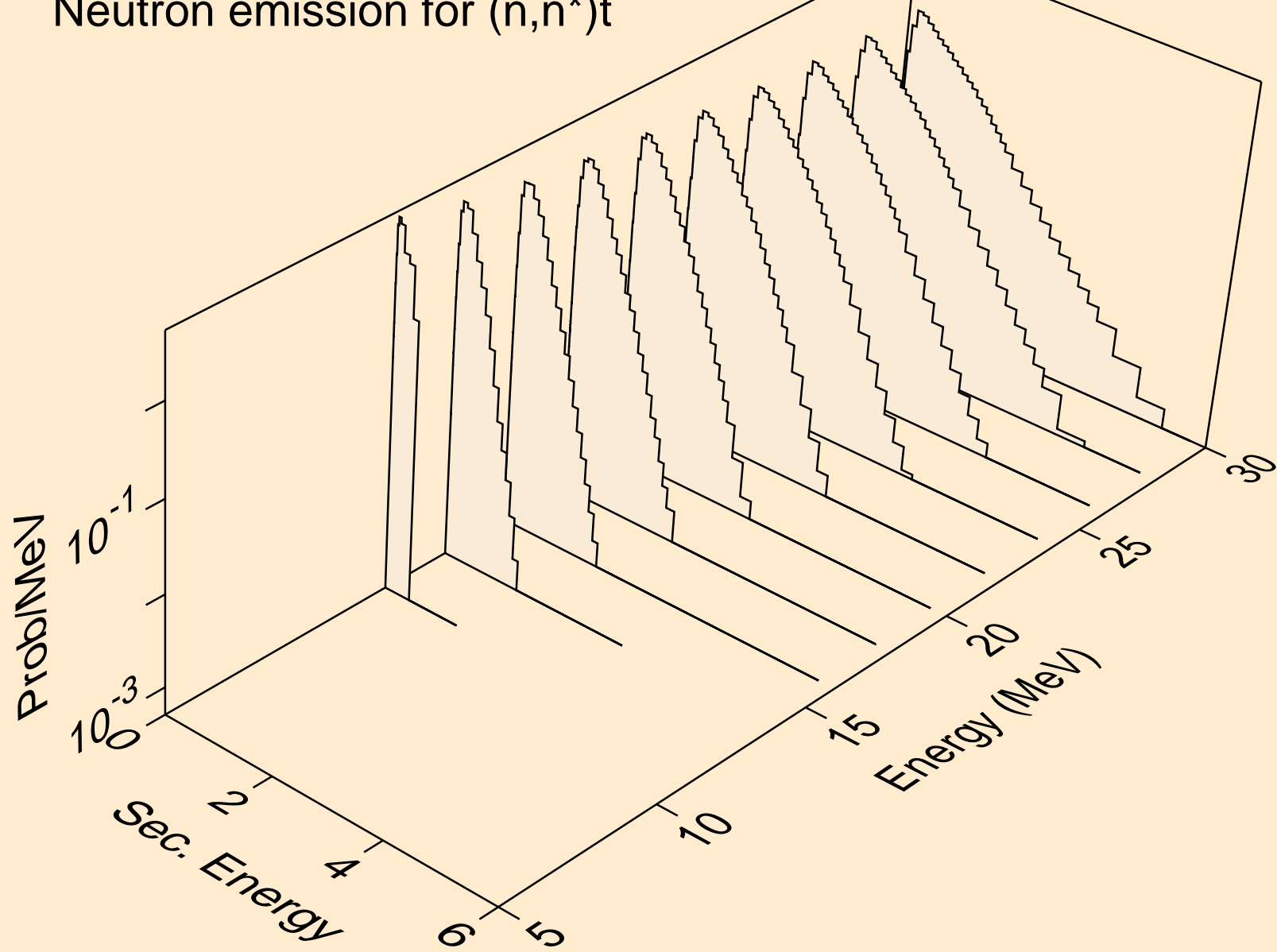
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



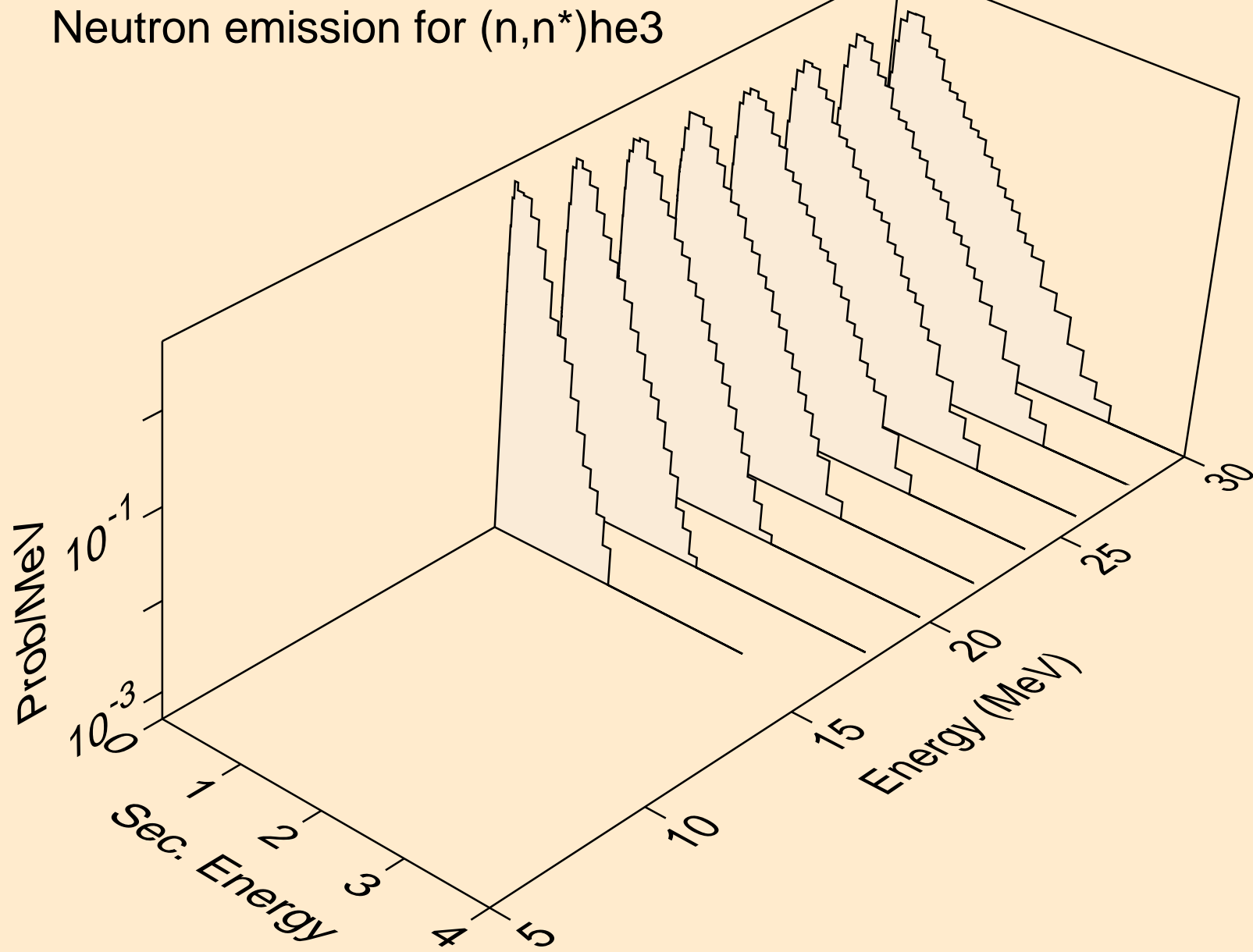
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



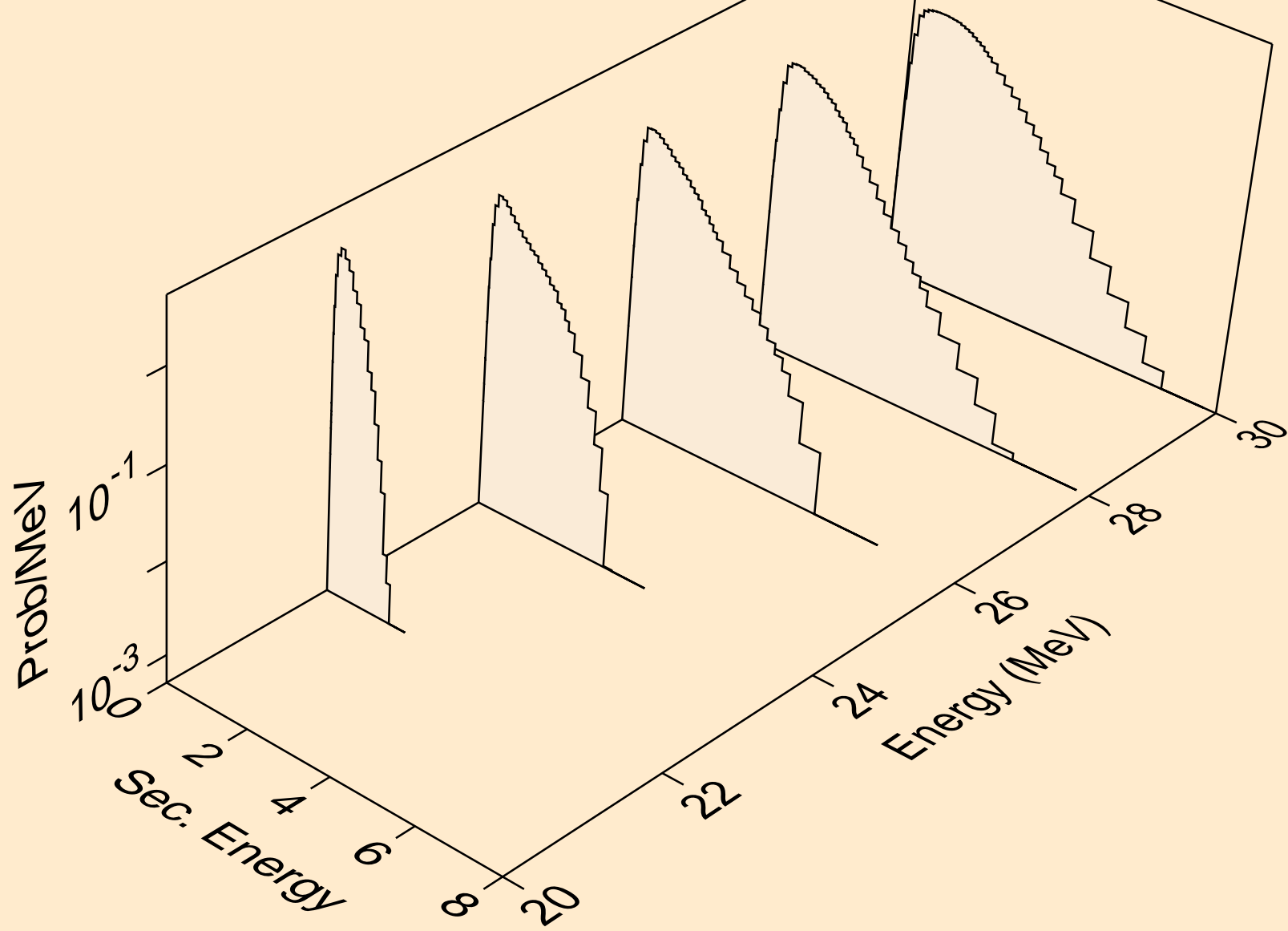
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

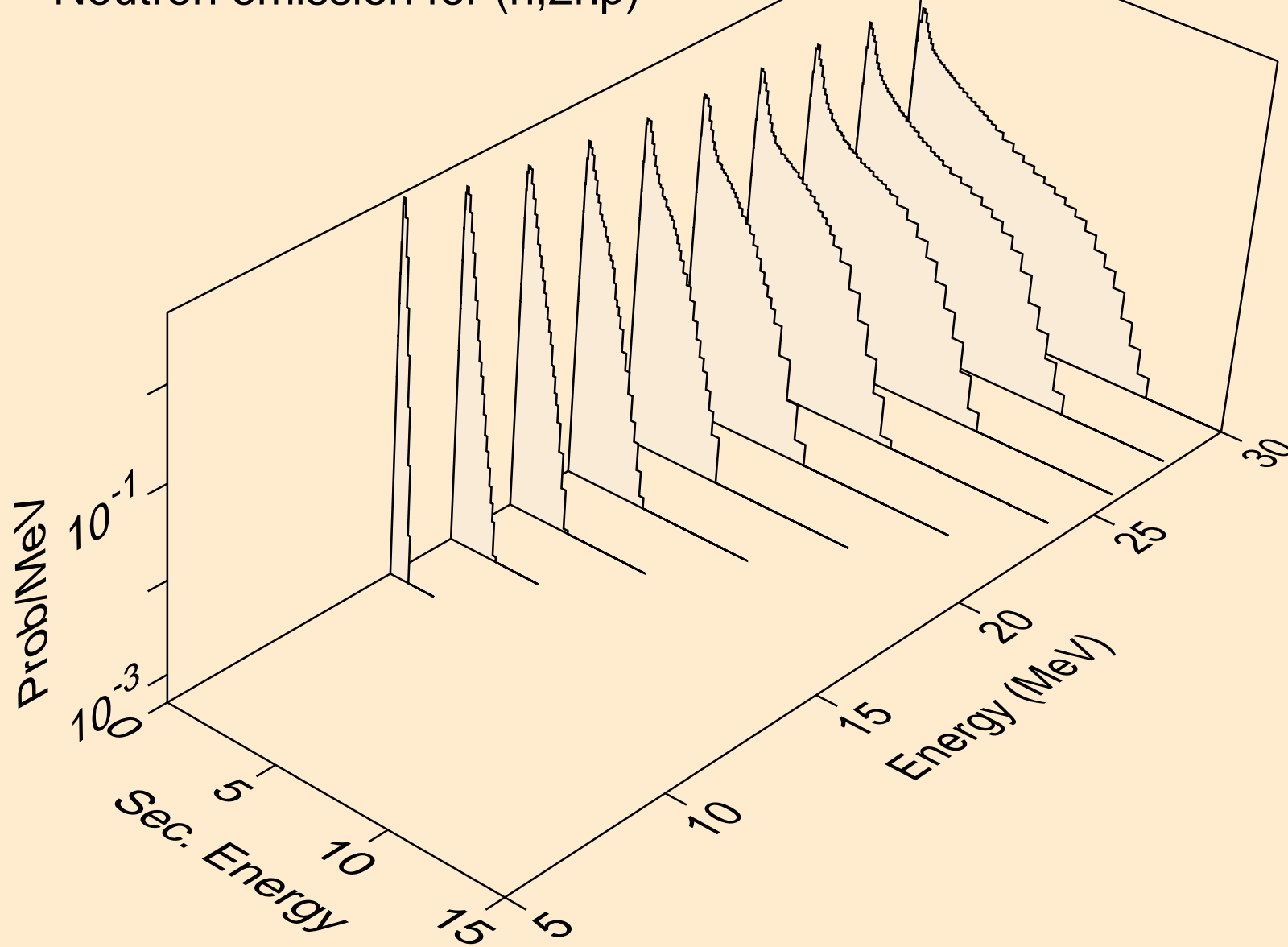


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

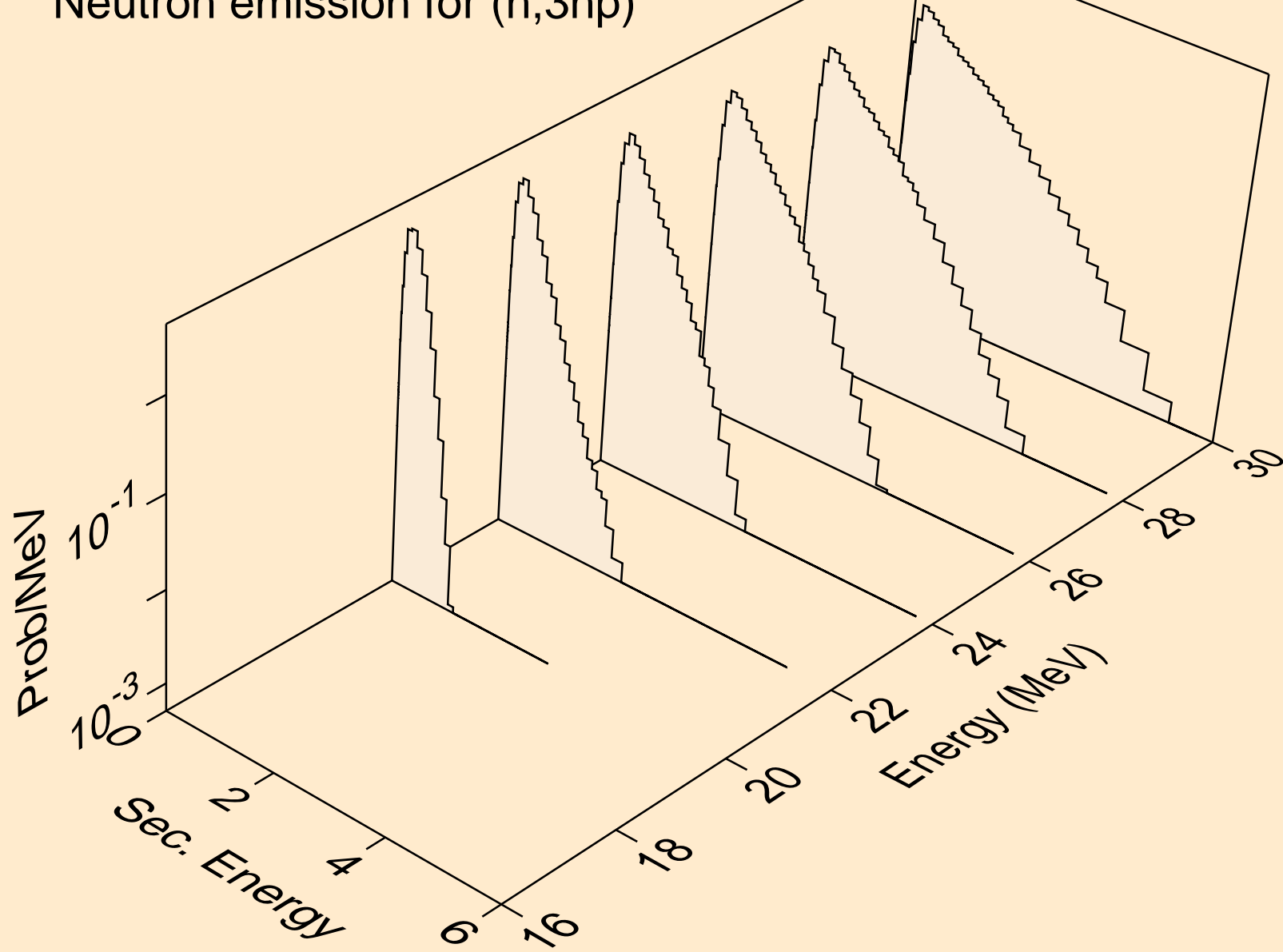




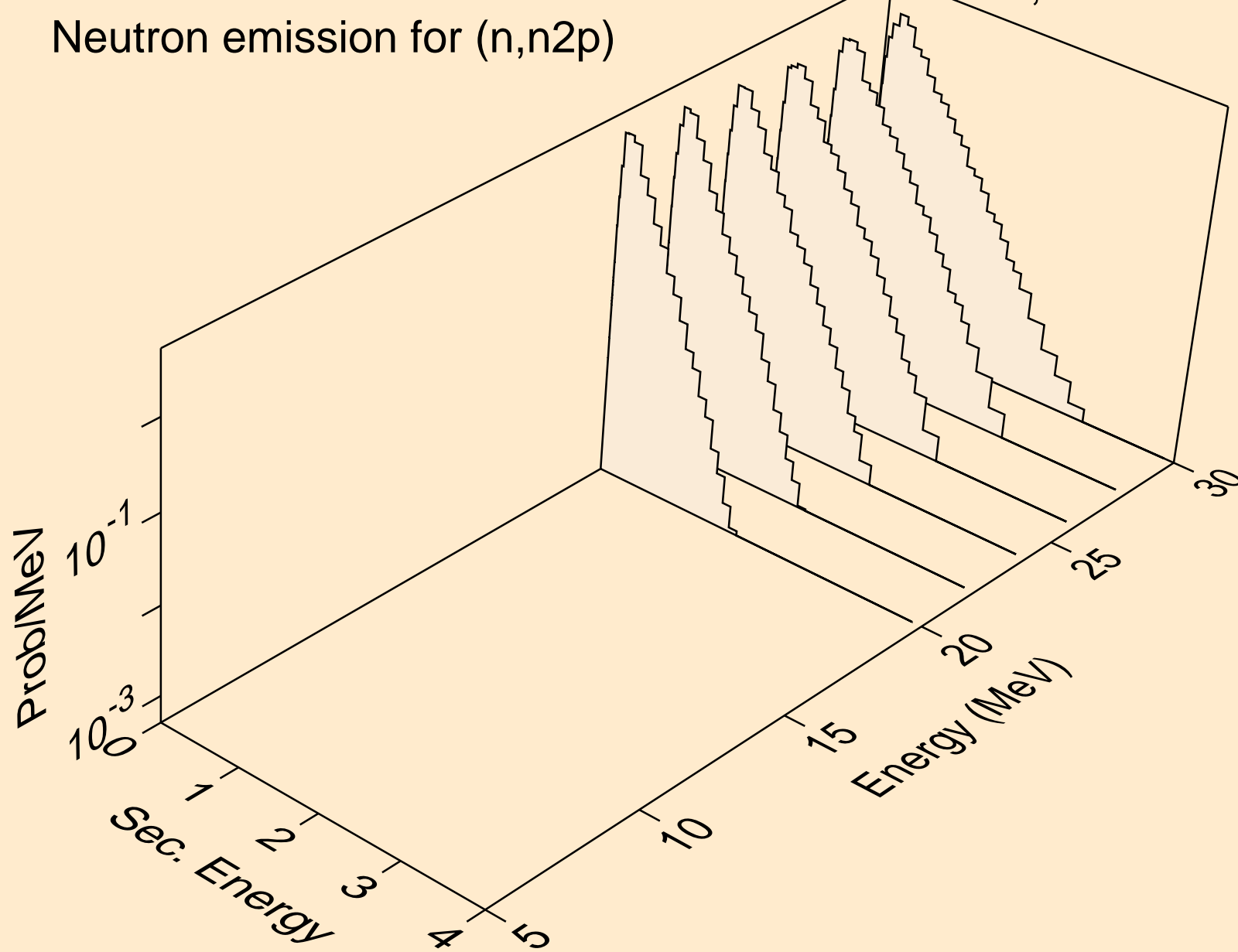
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



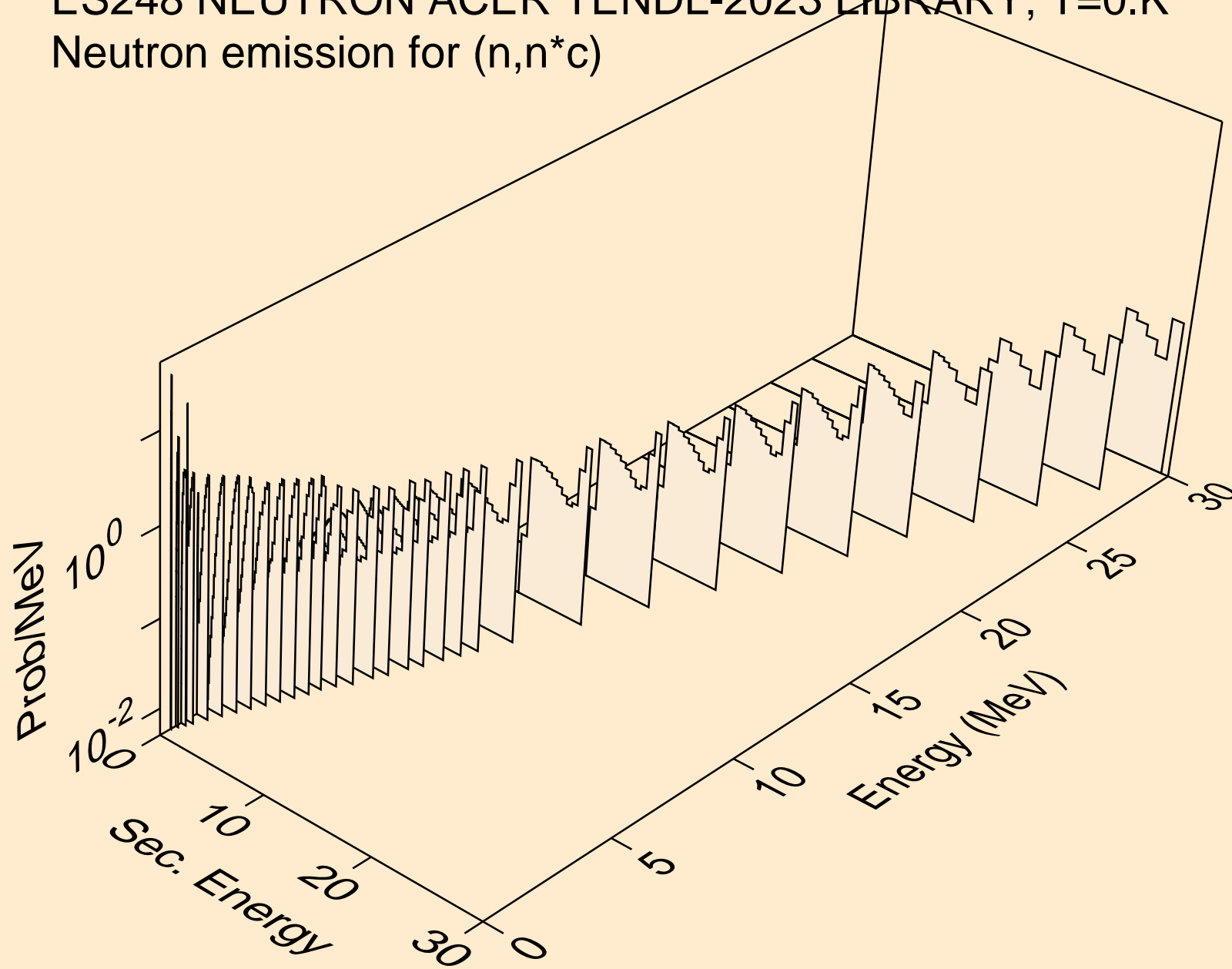
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

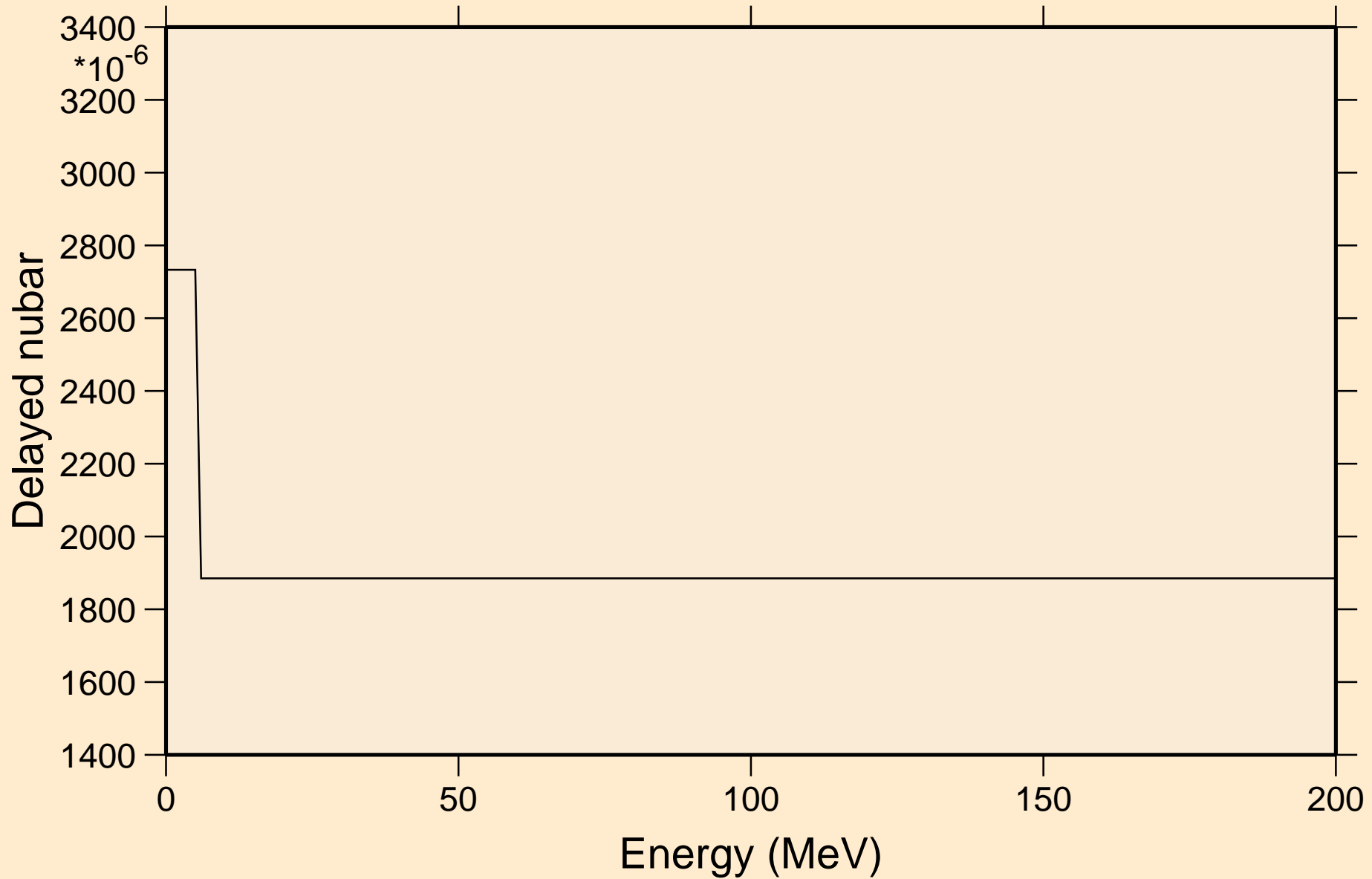


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



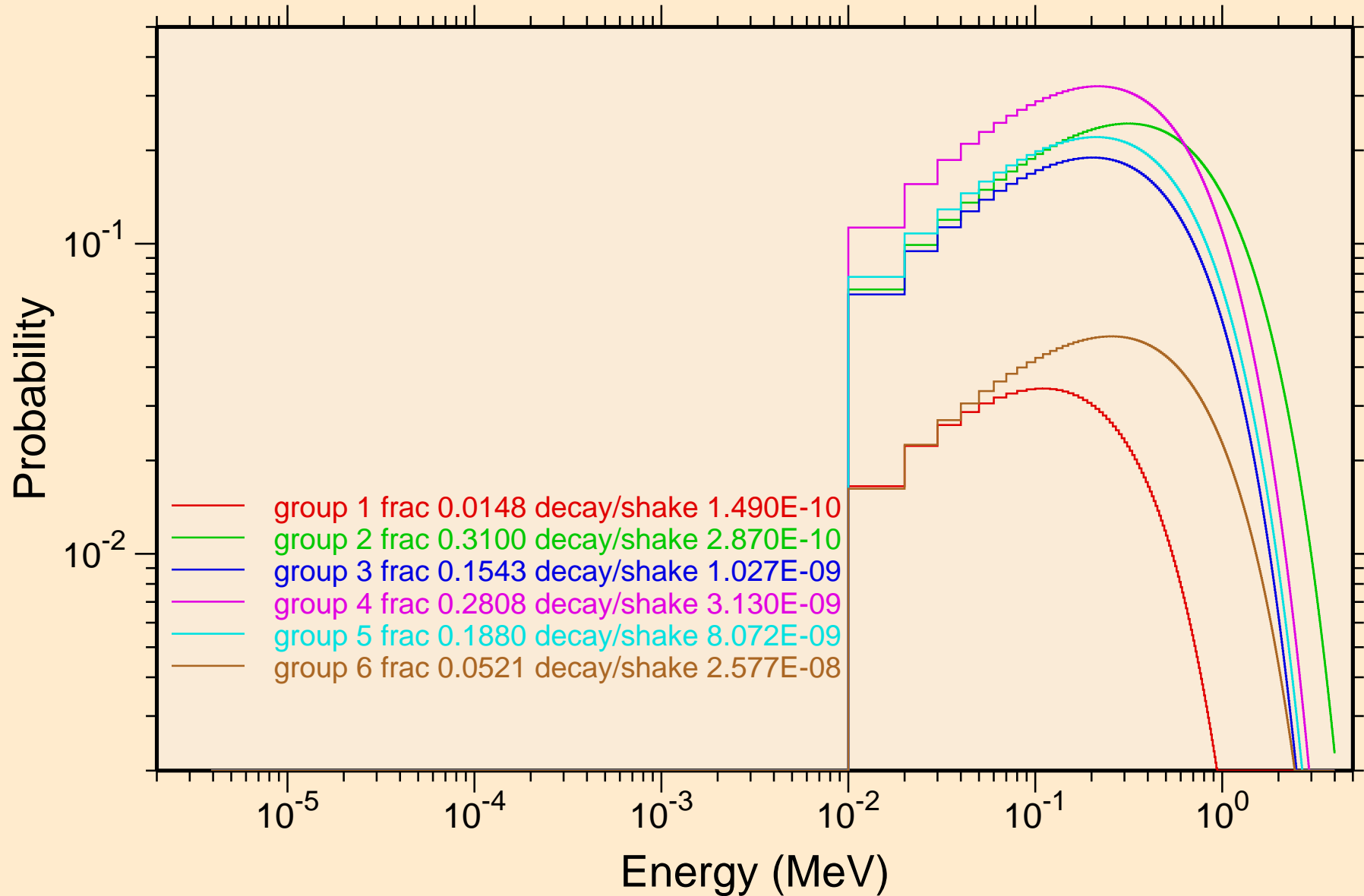
# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

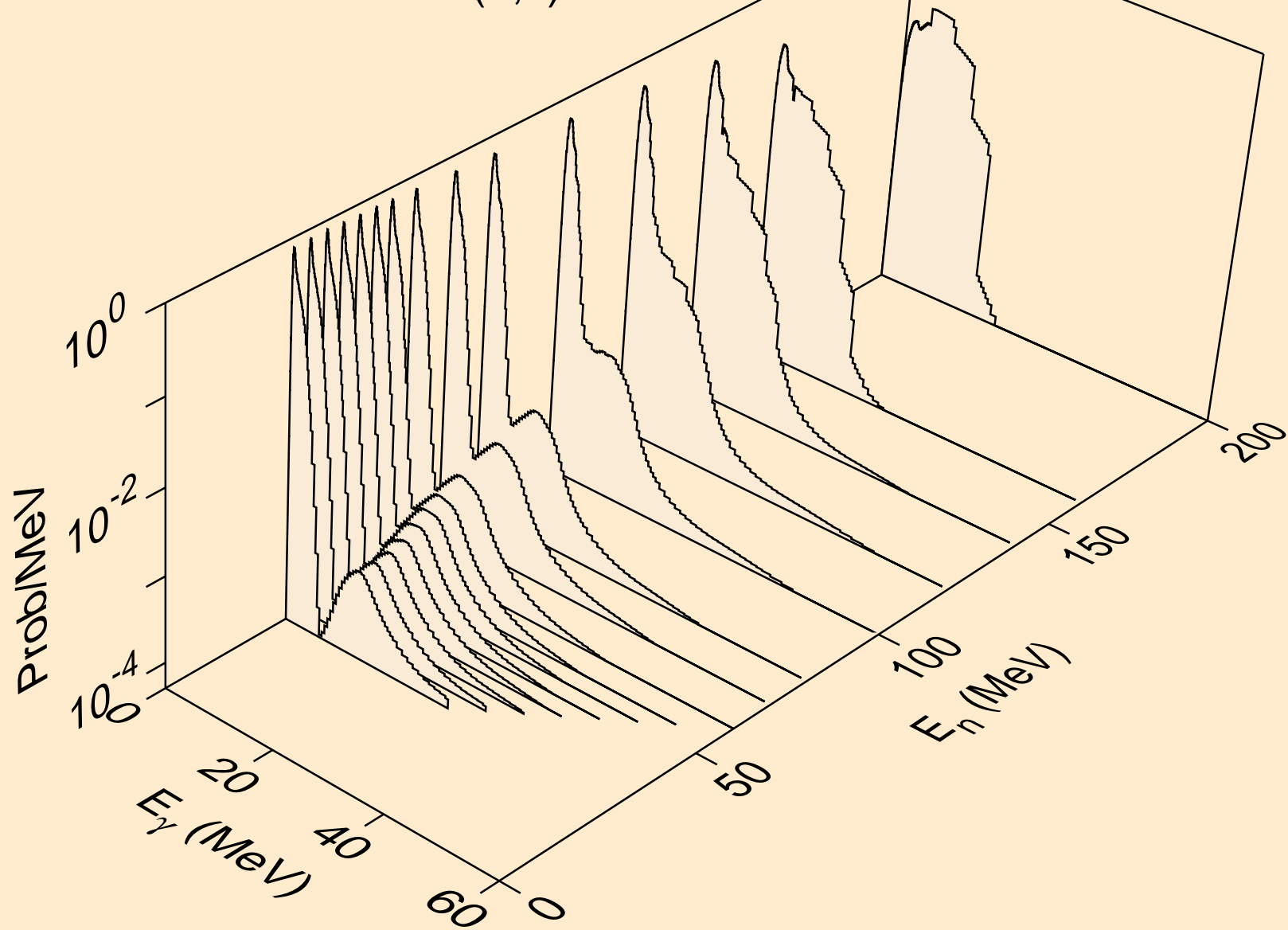


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

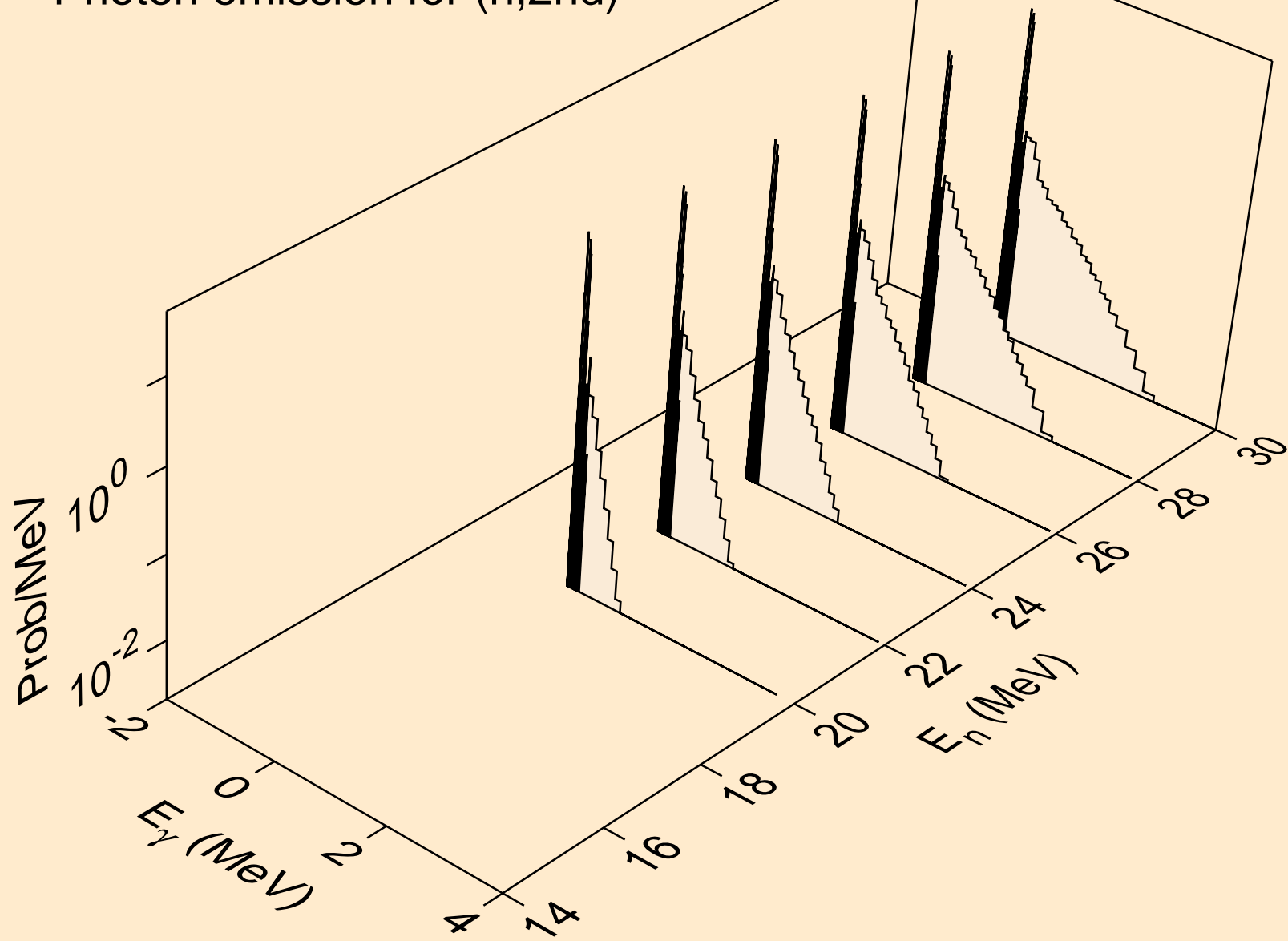
## Delayed neutron spectra



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

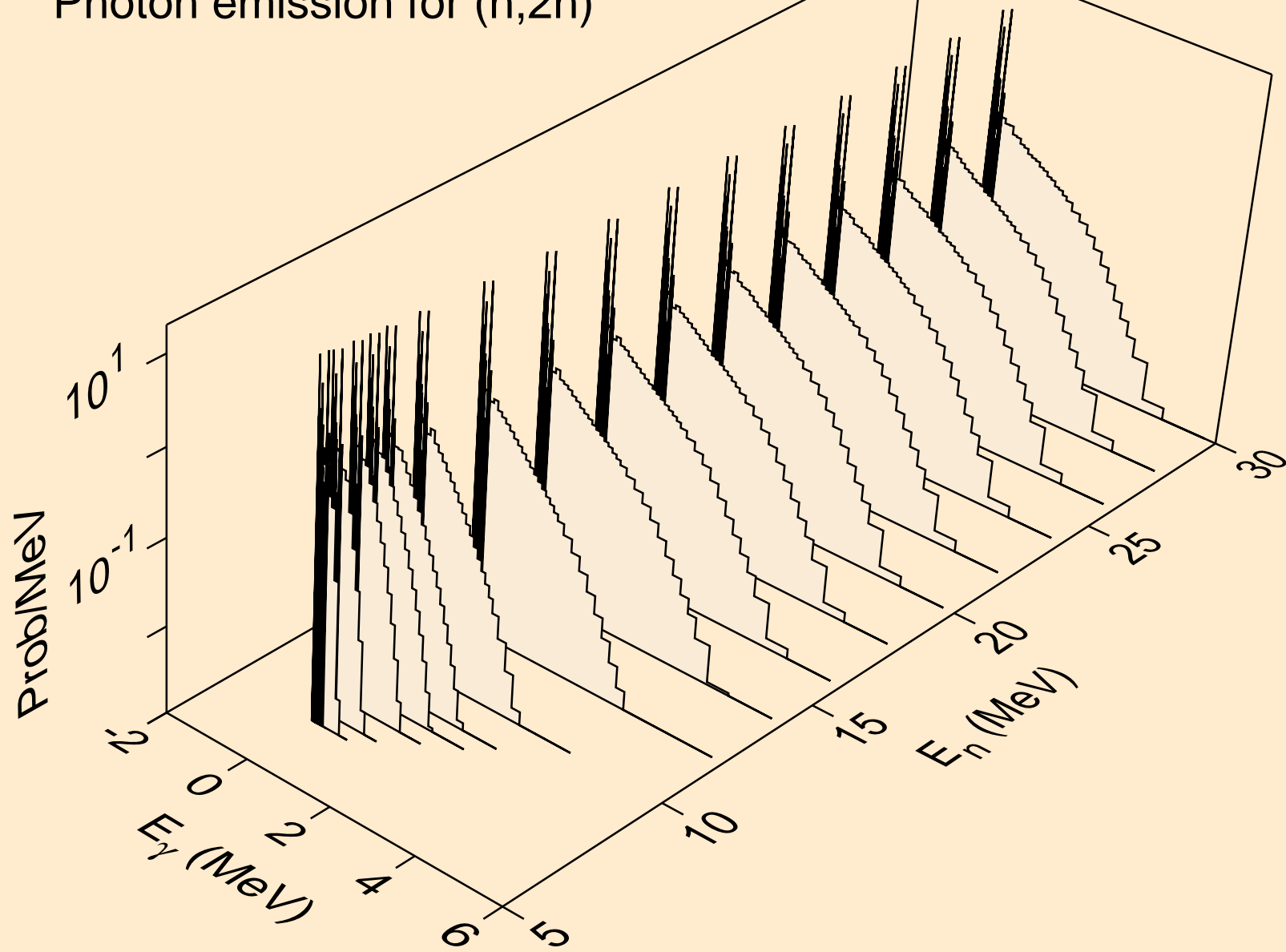


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

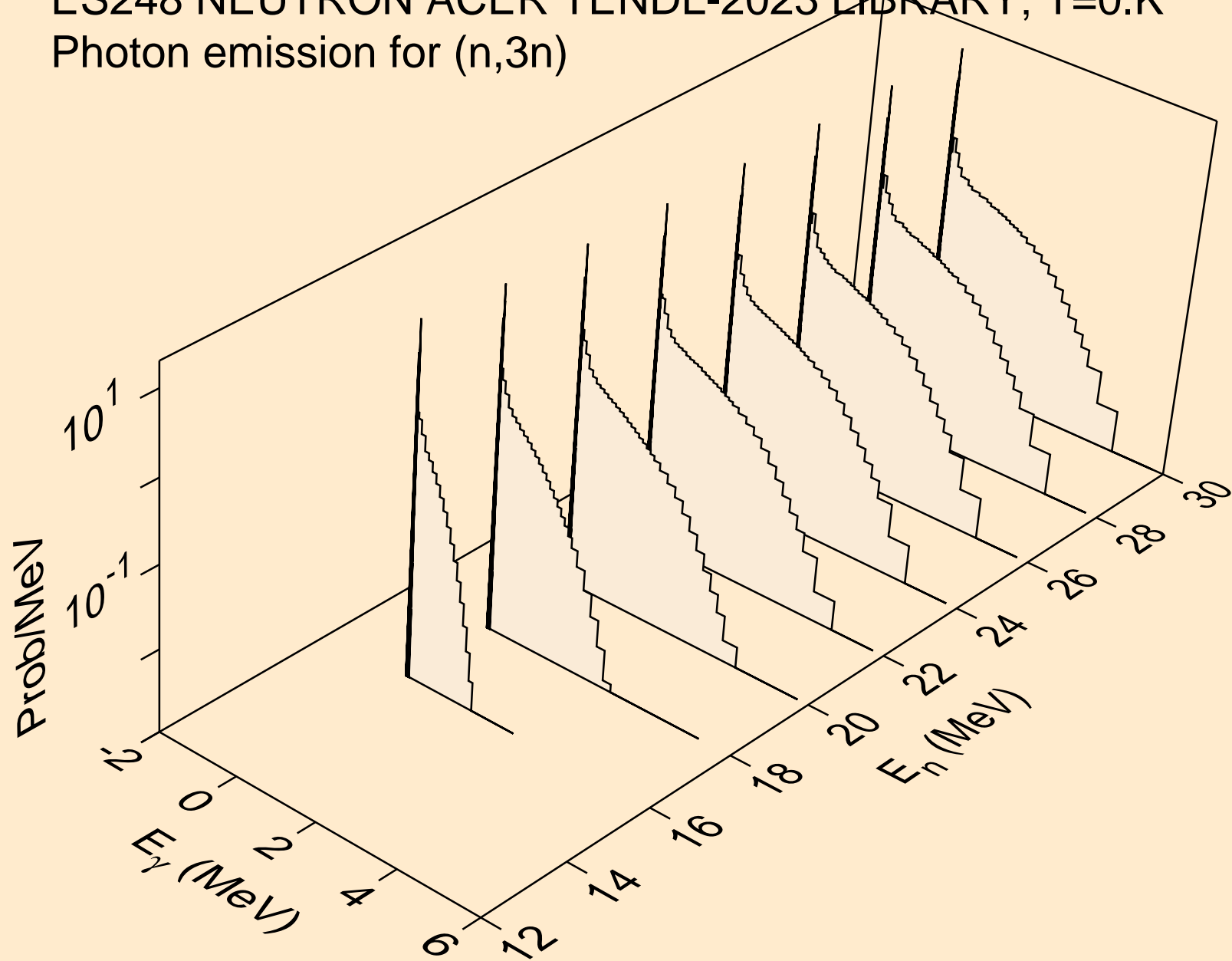




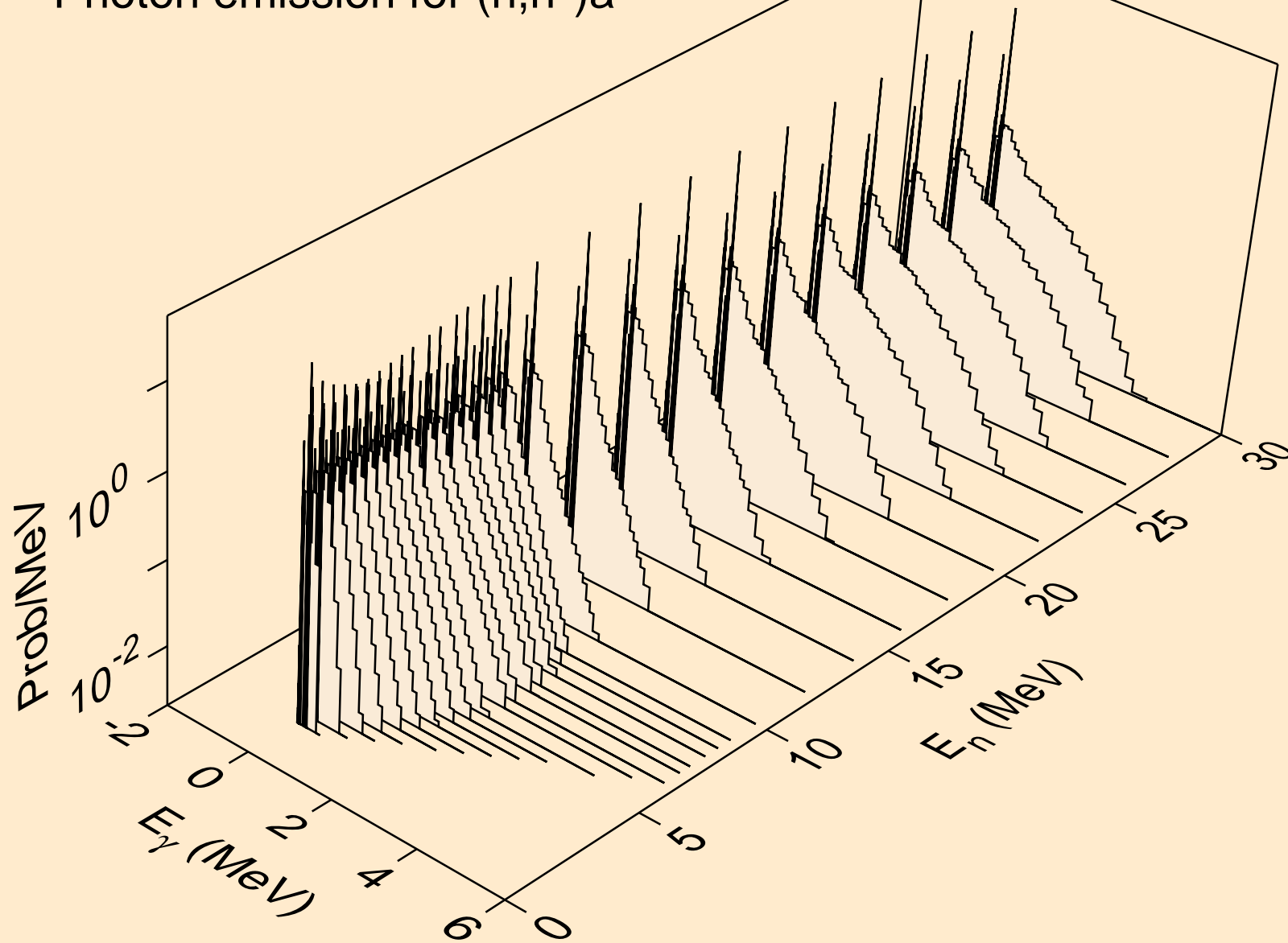
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



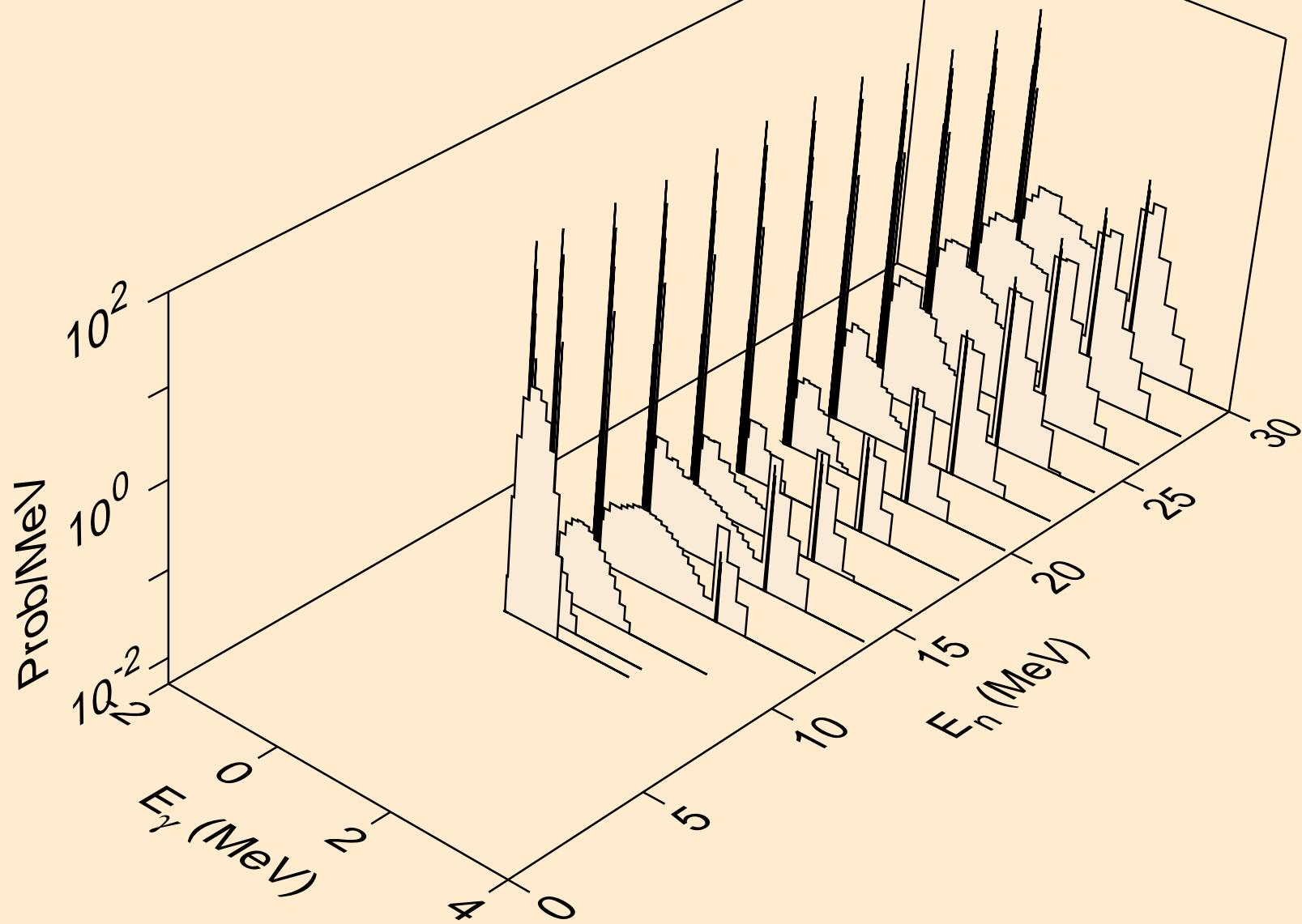
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



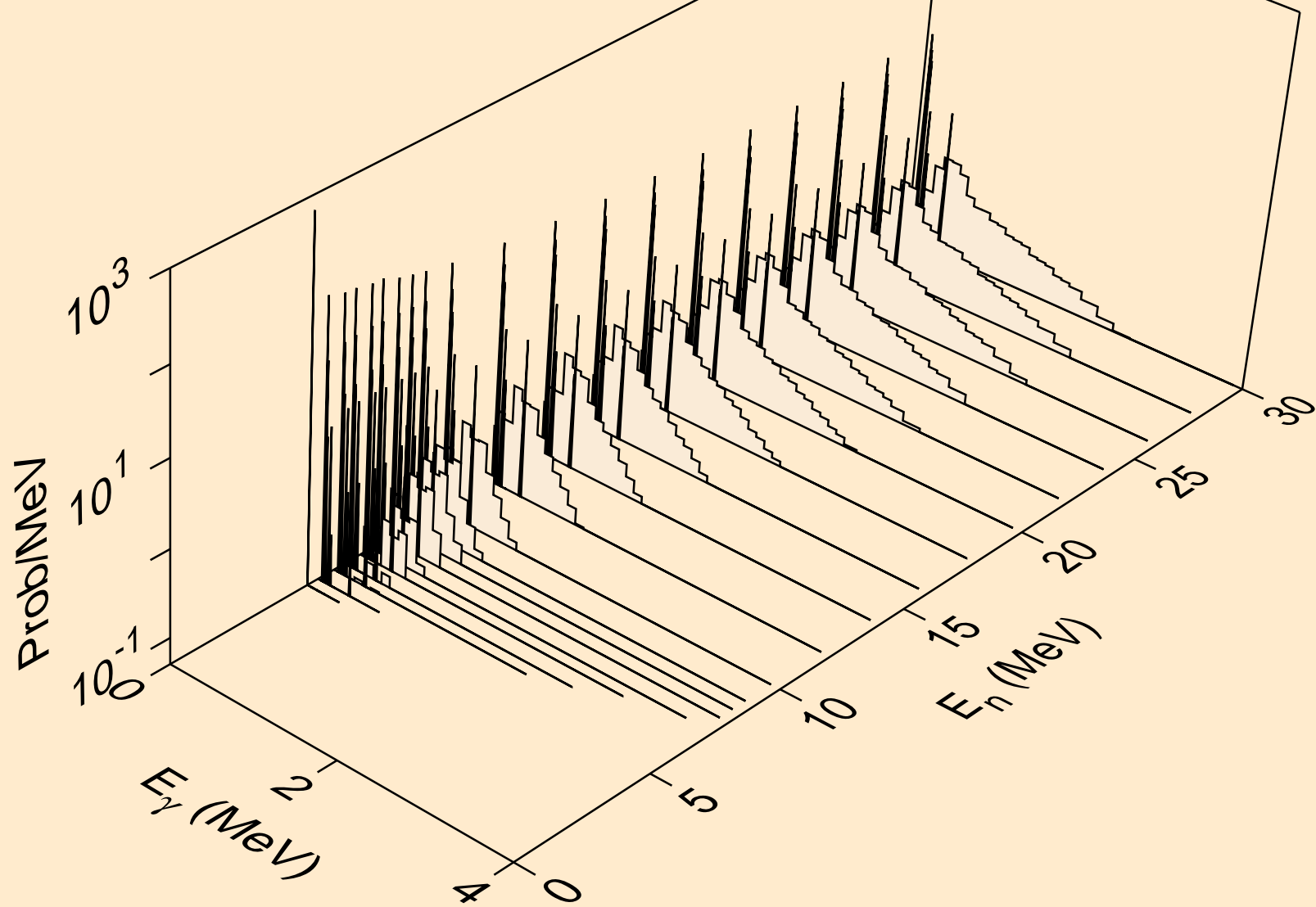
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



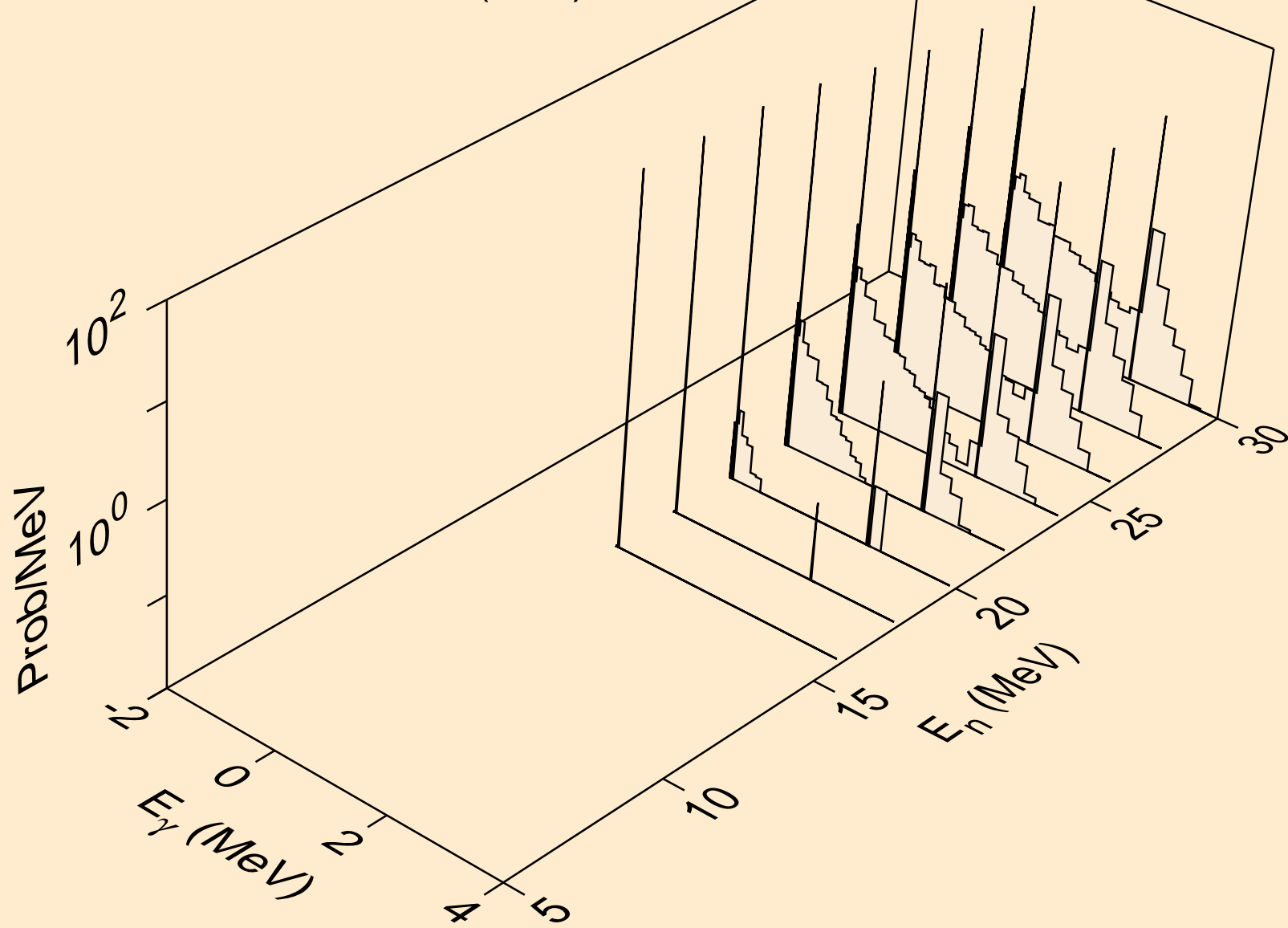
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



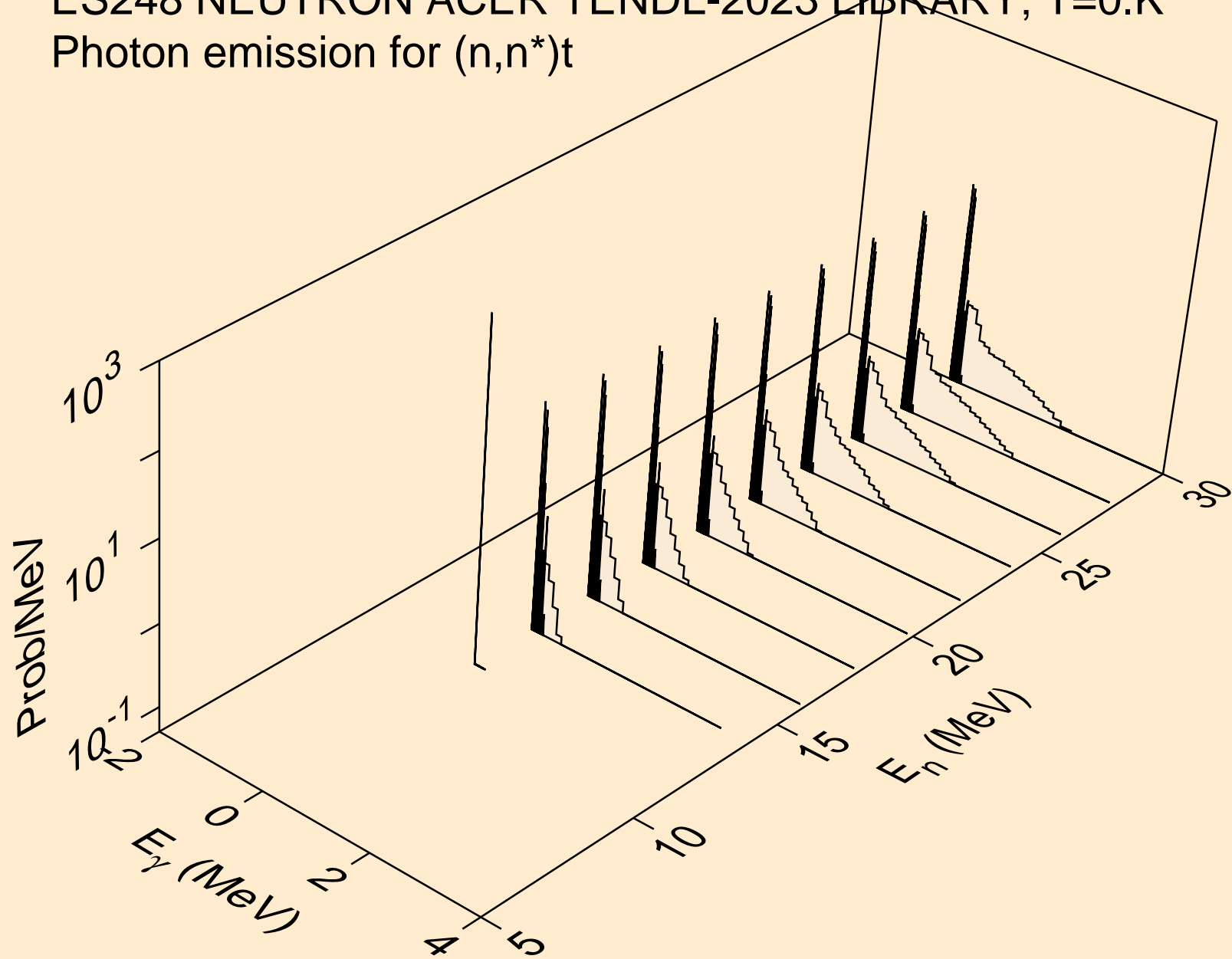
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



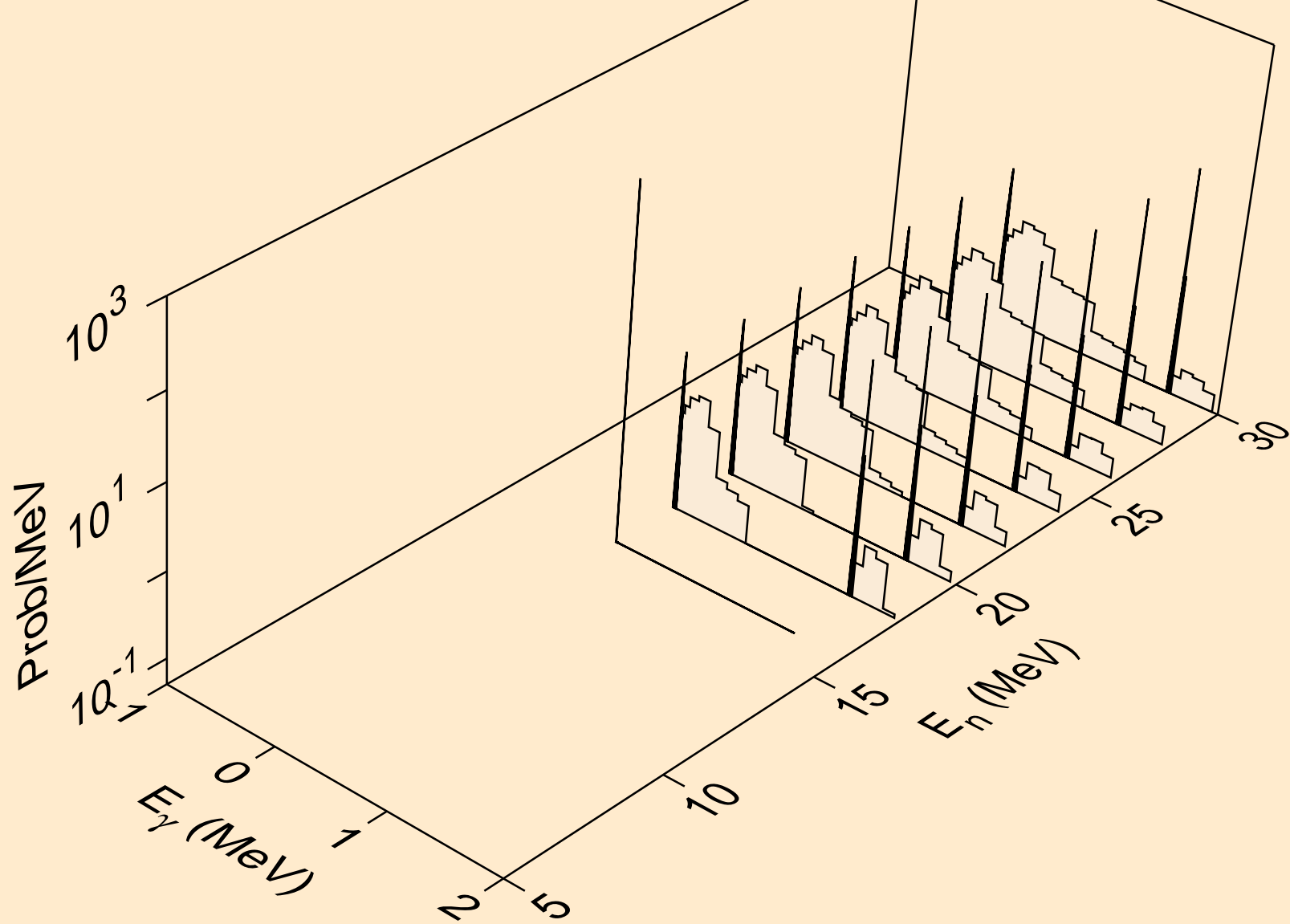
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

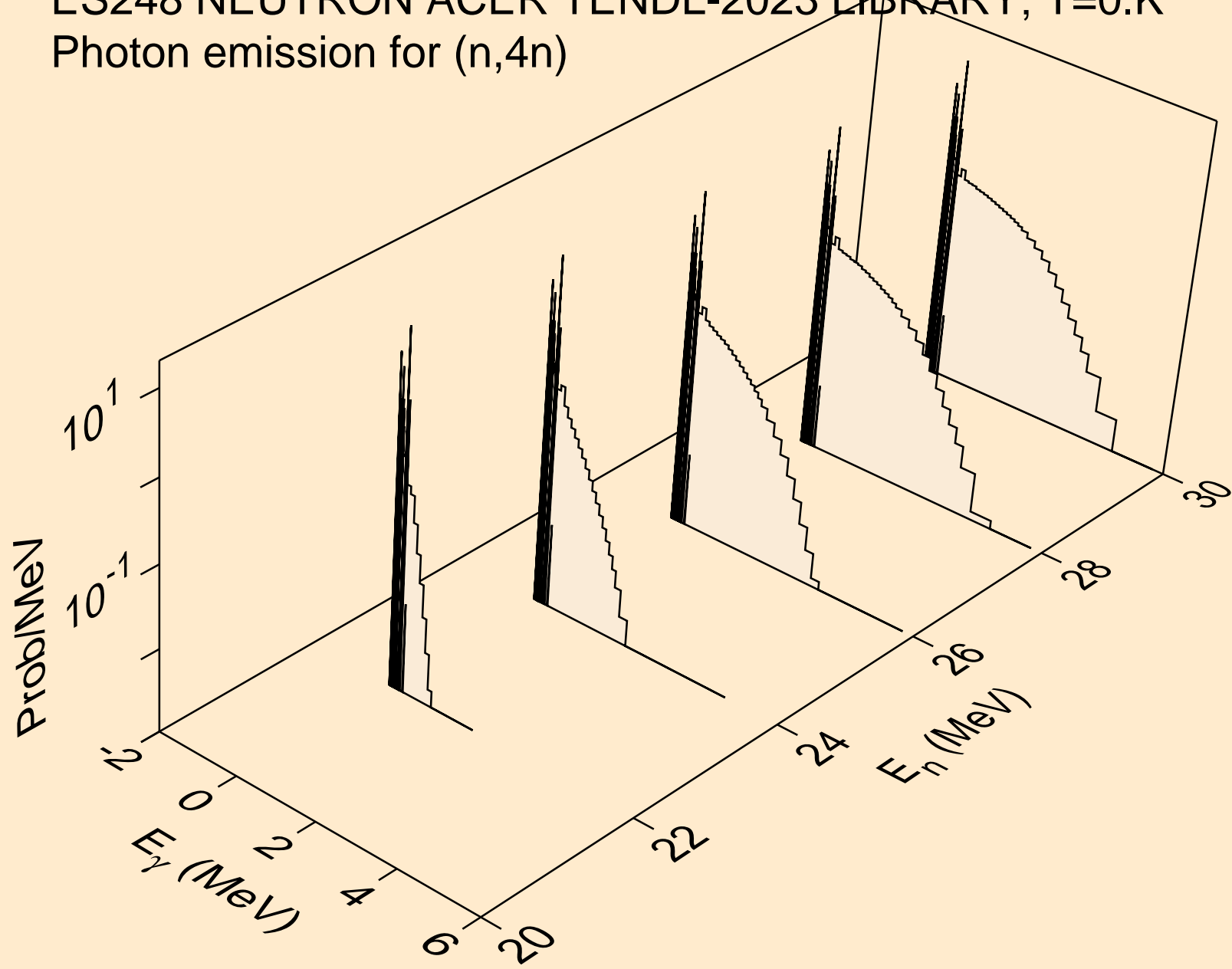


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

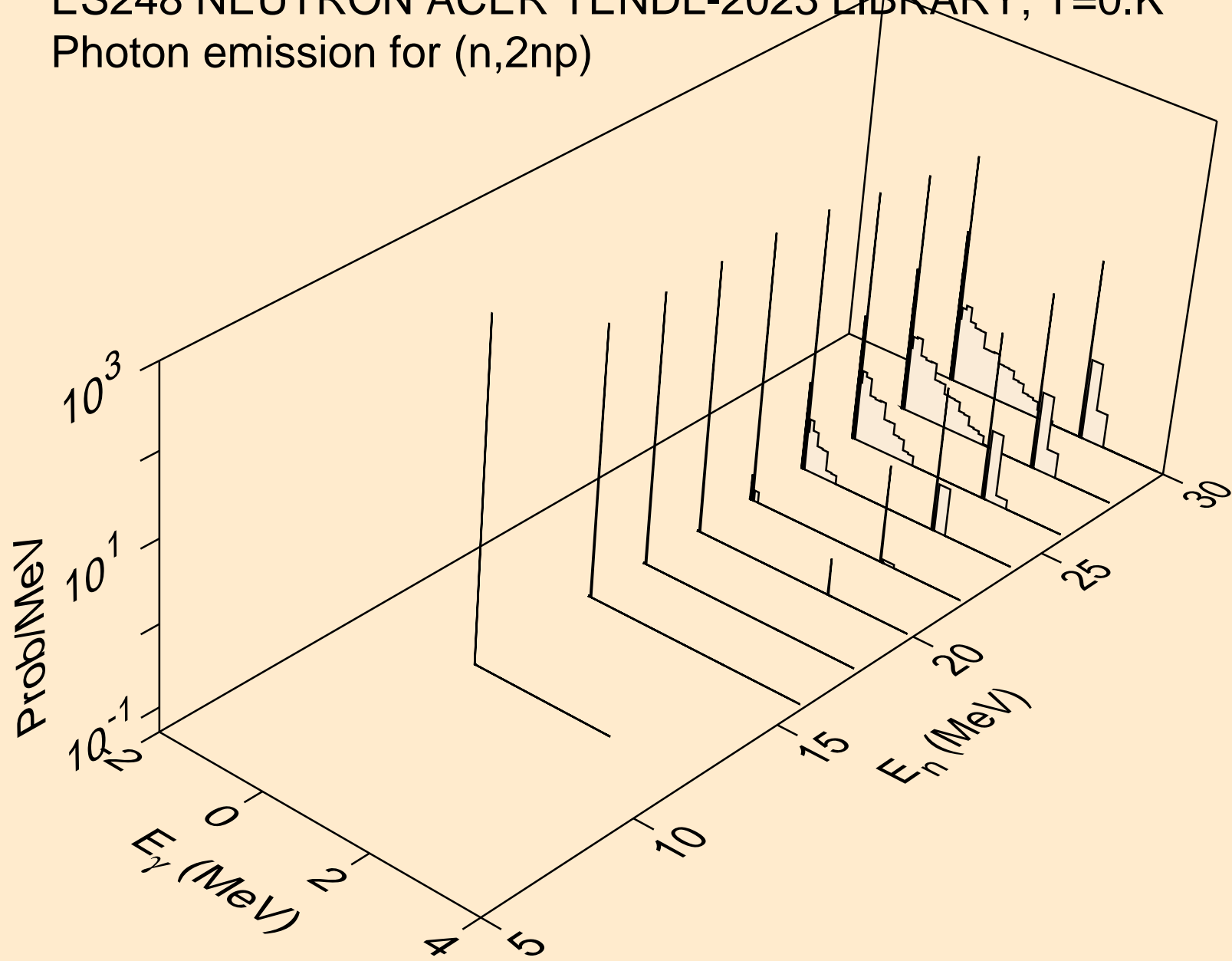




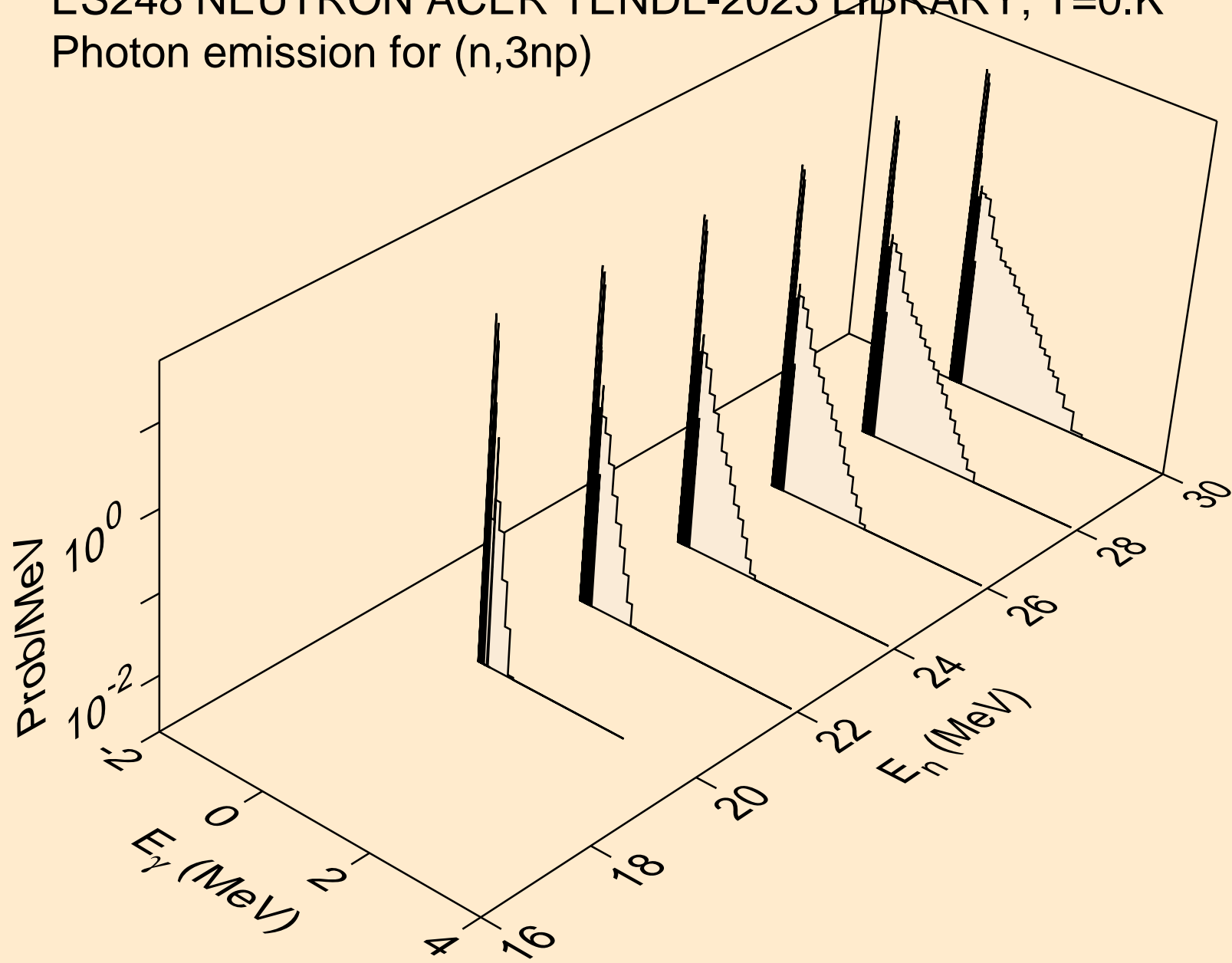
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



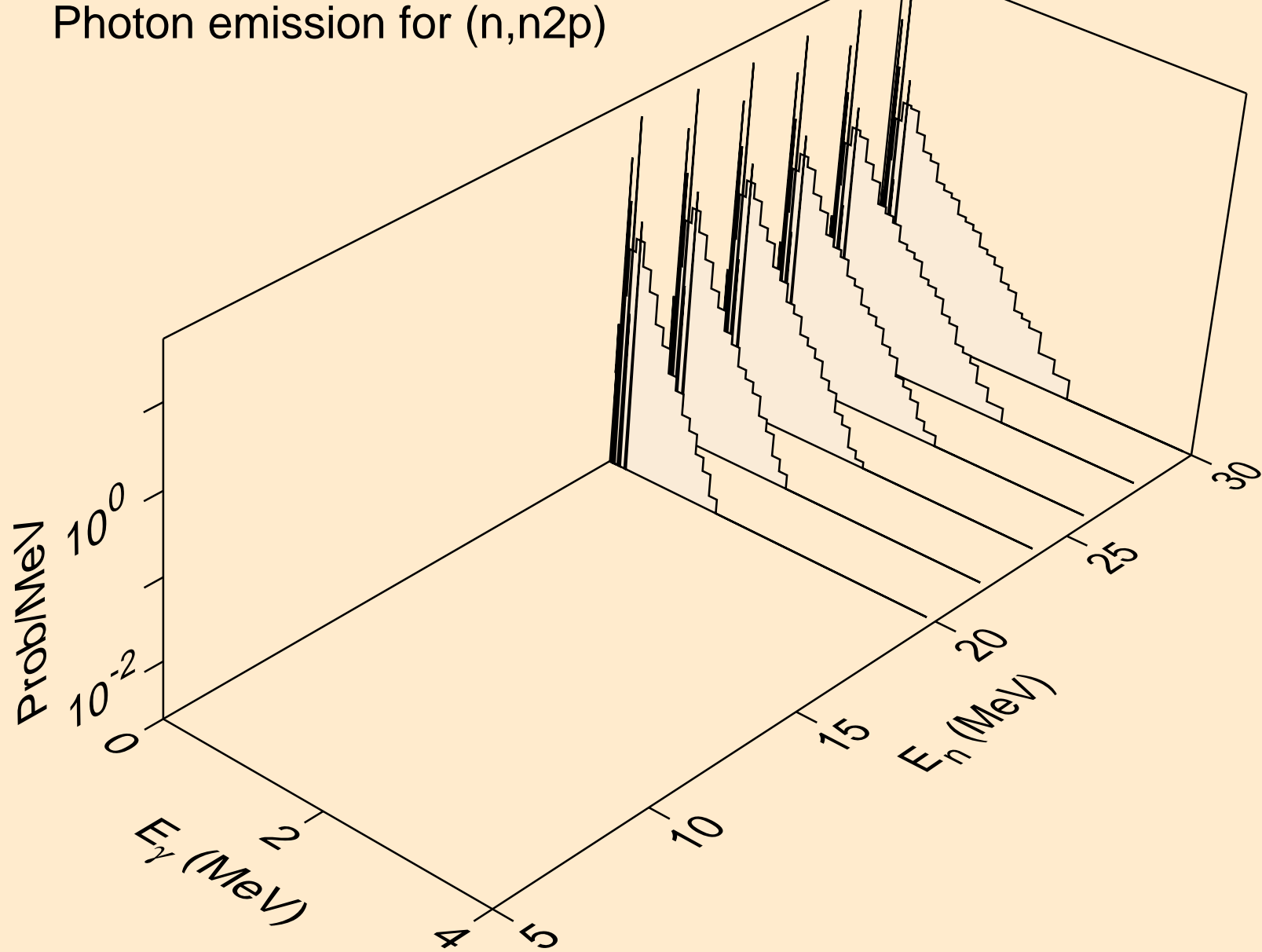
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



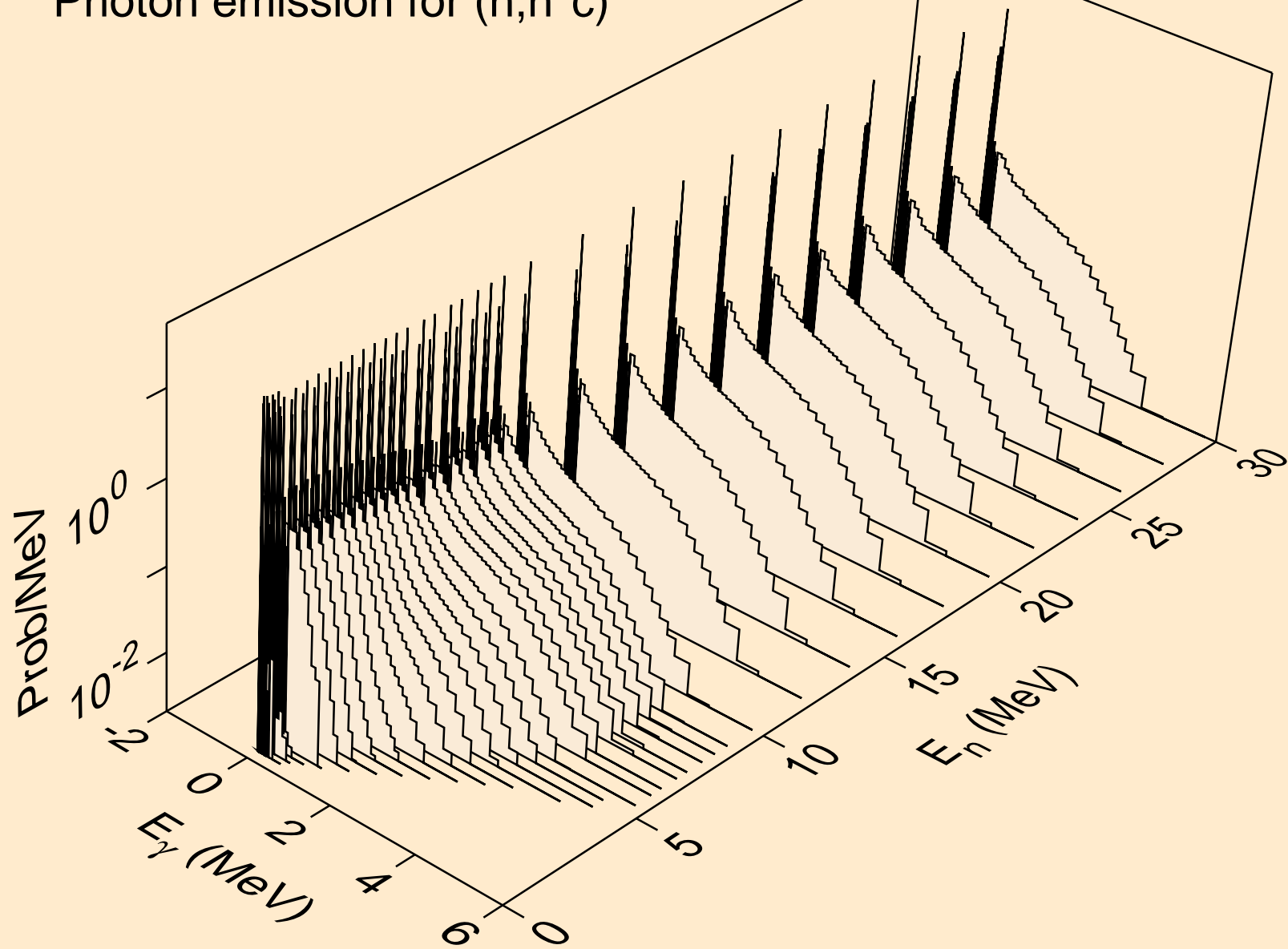
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



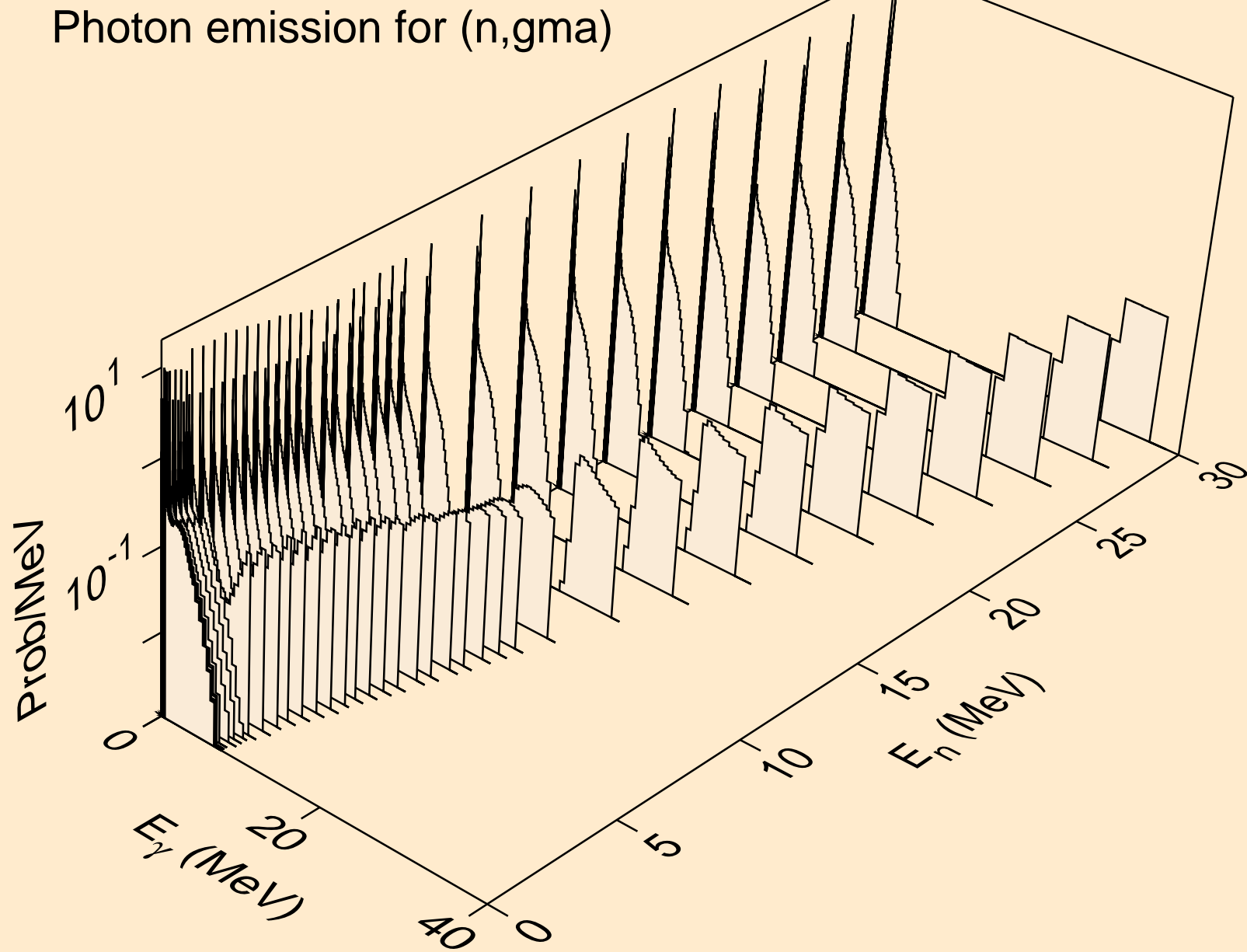
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



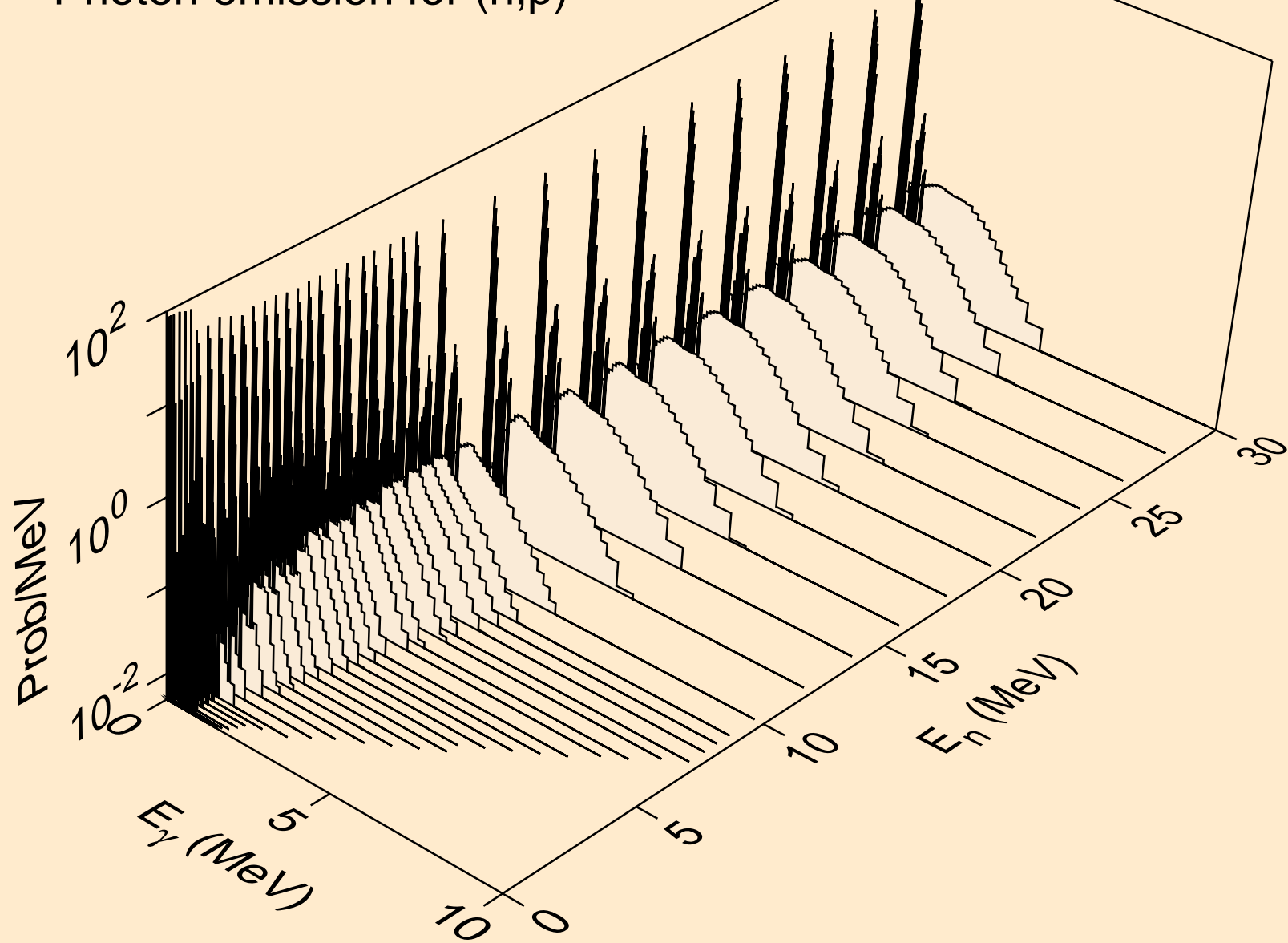
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



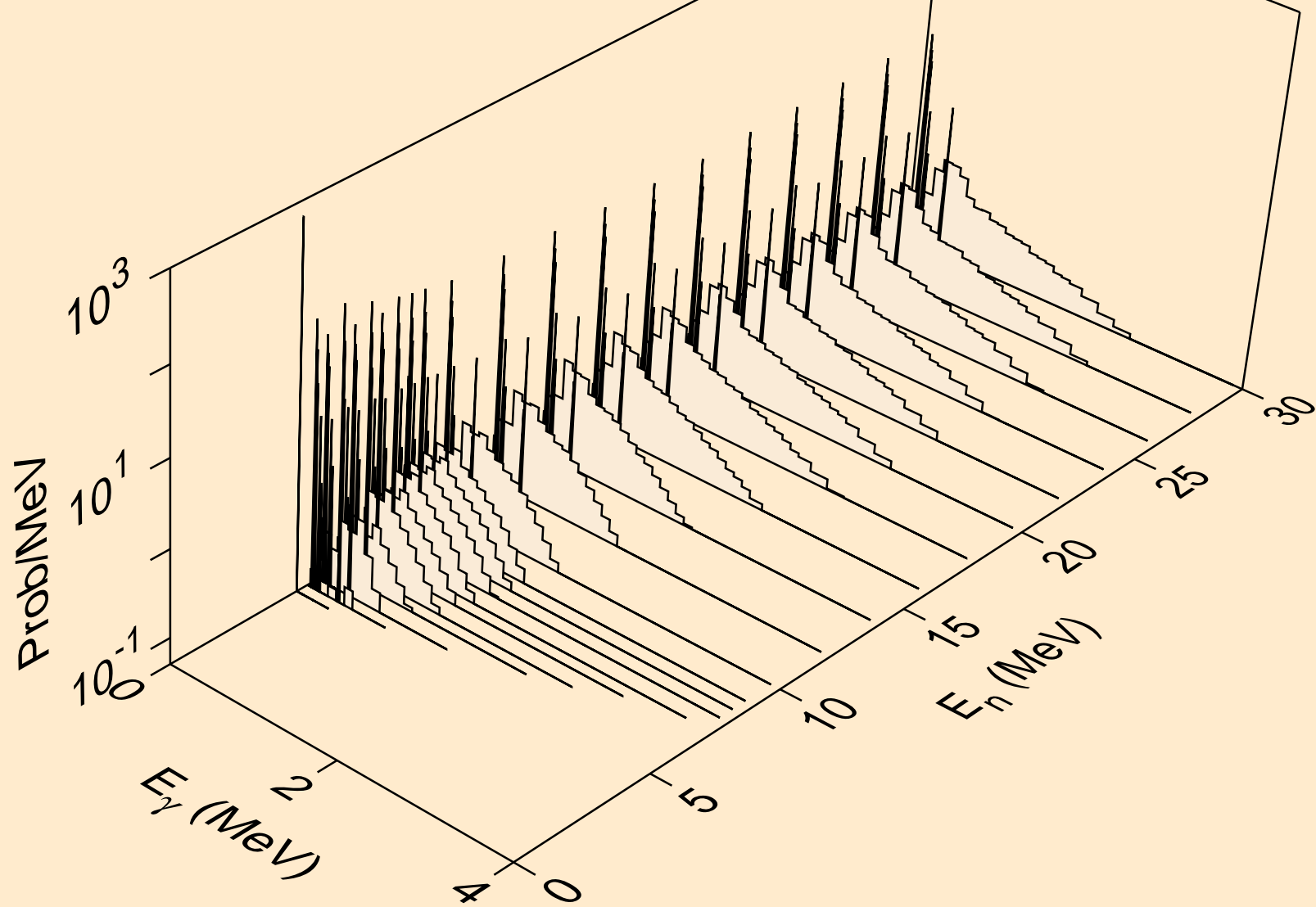
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

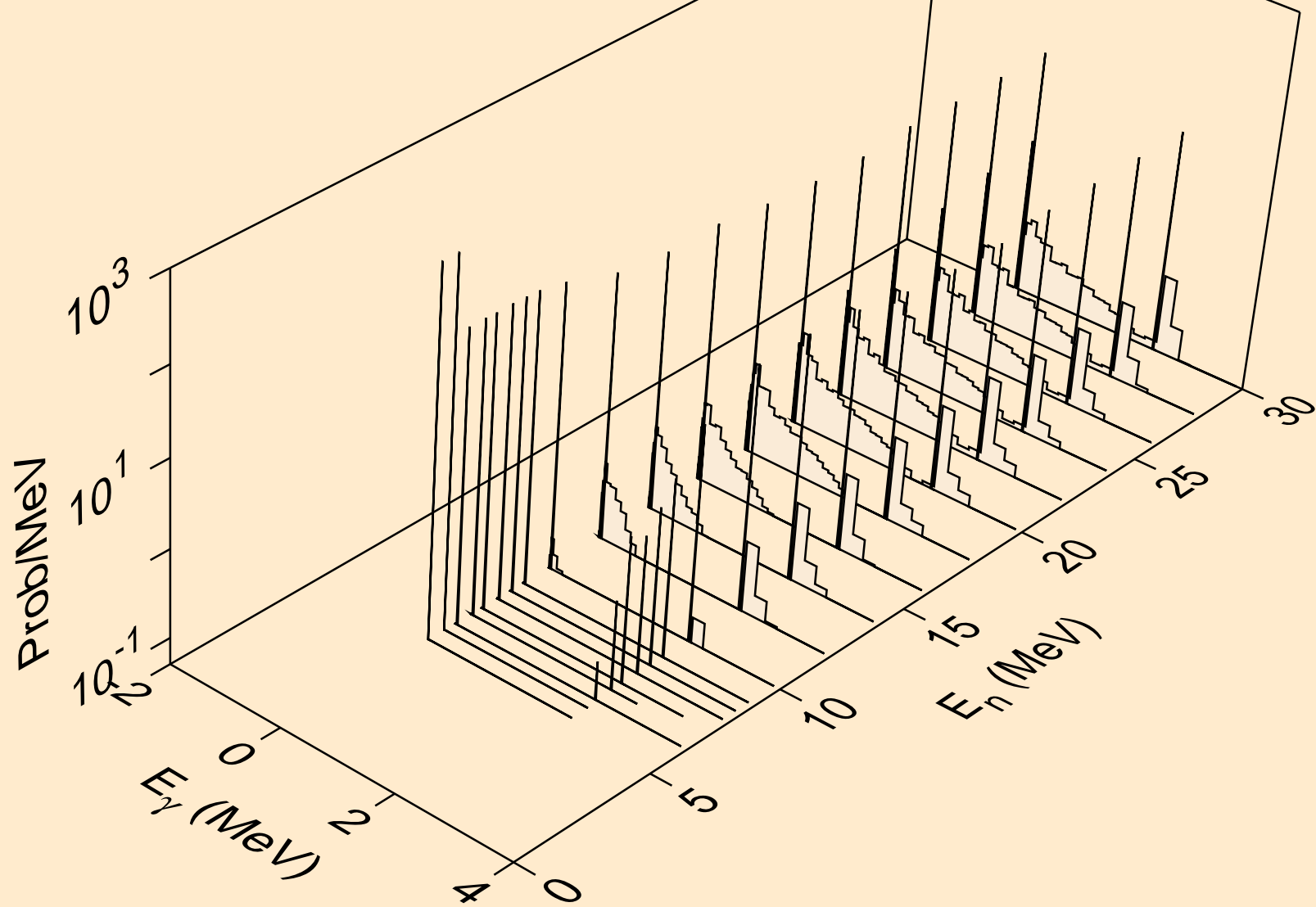


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

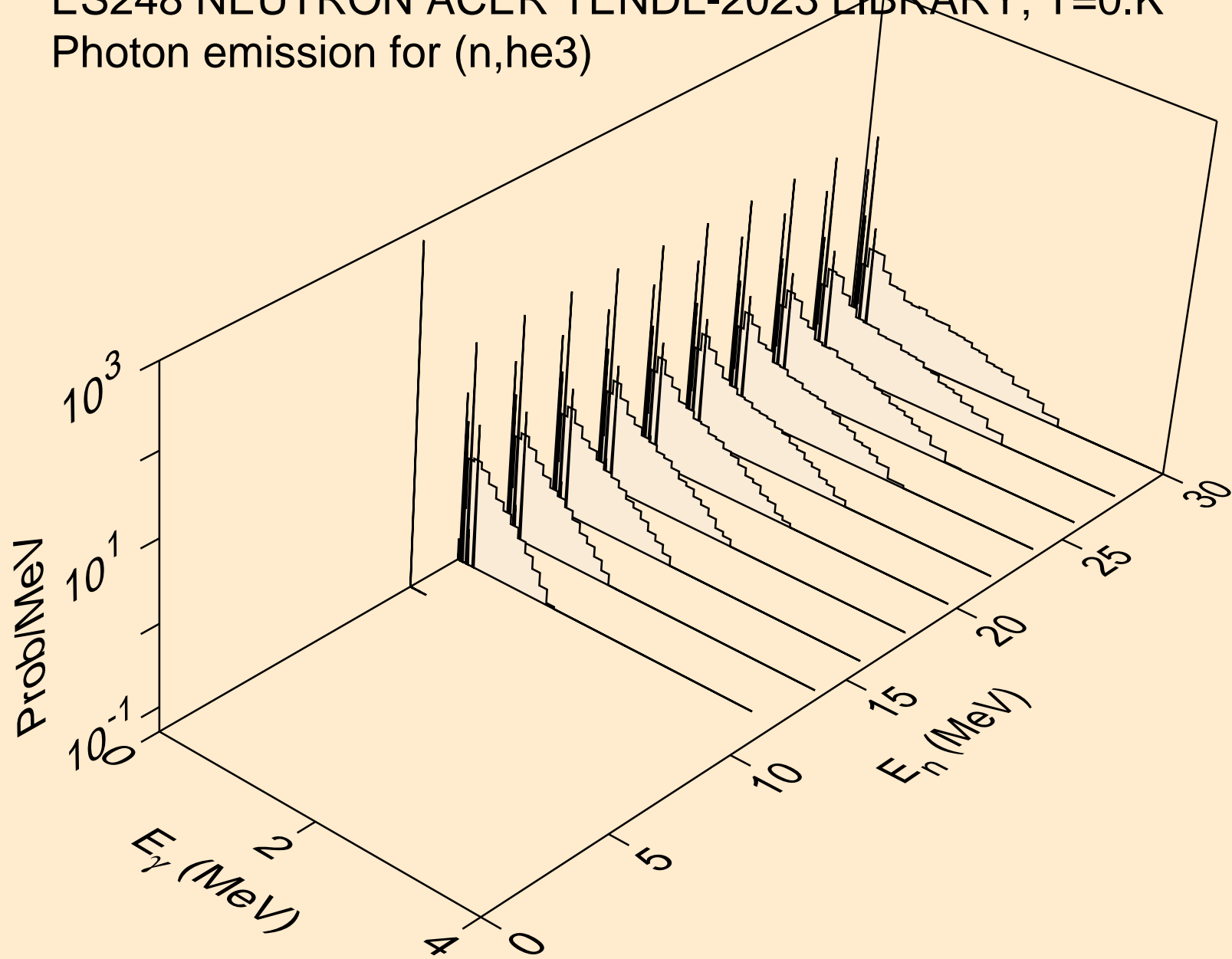




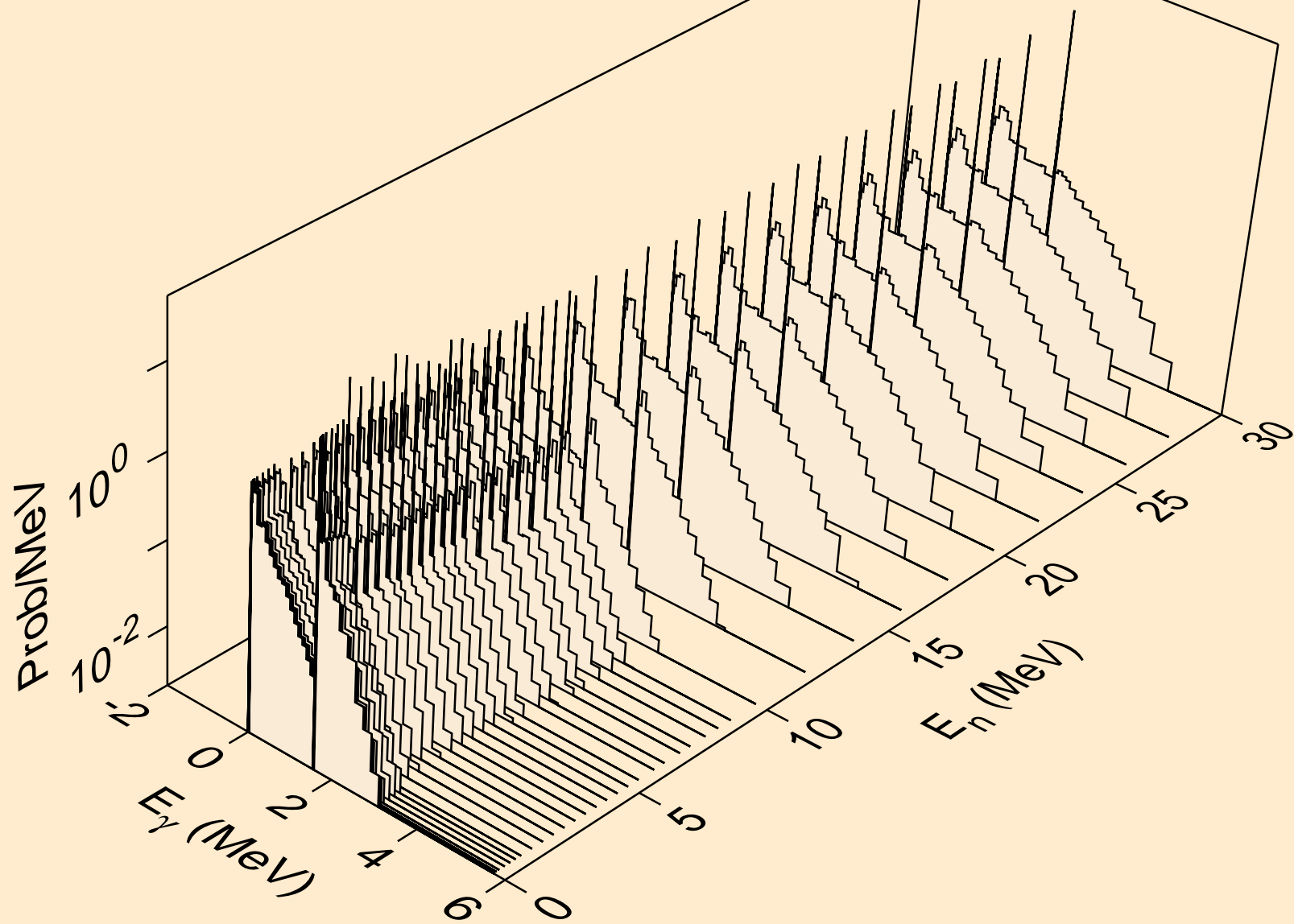
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



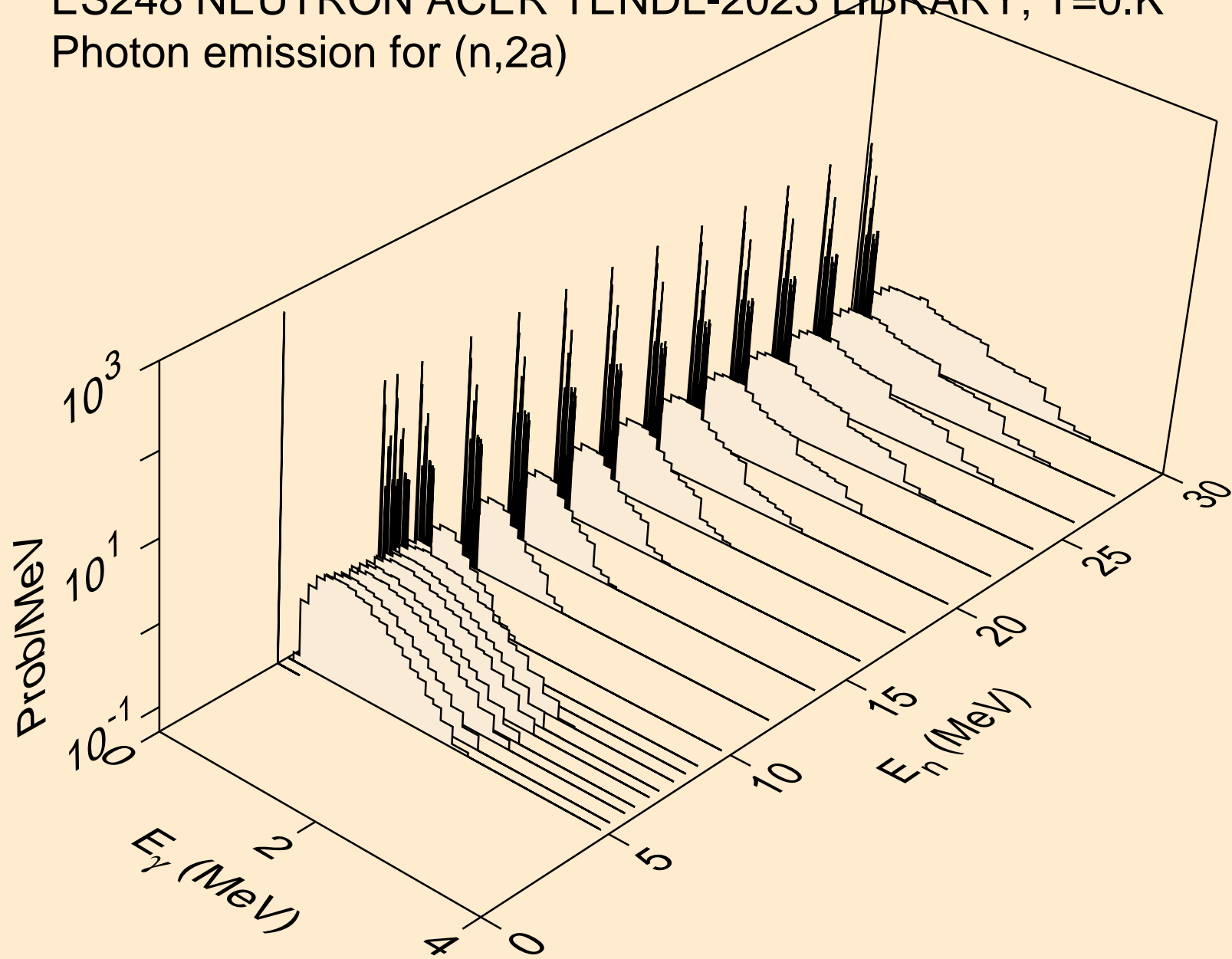
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



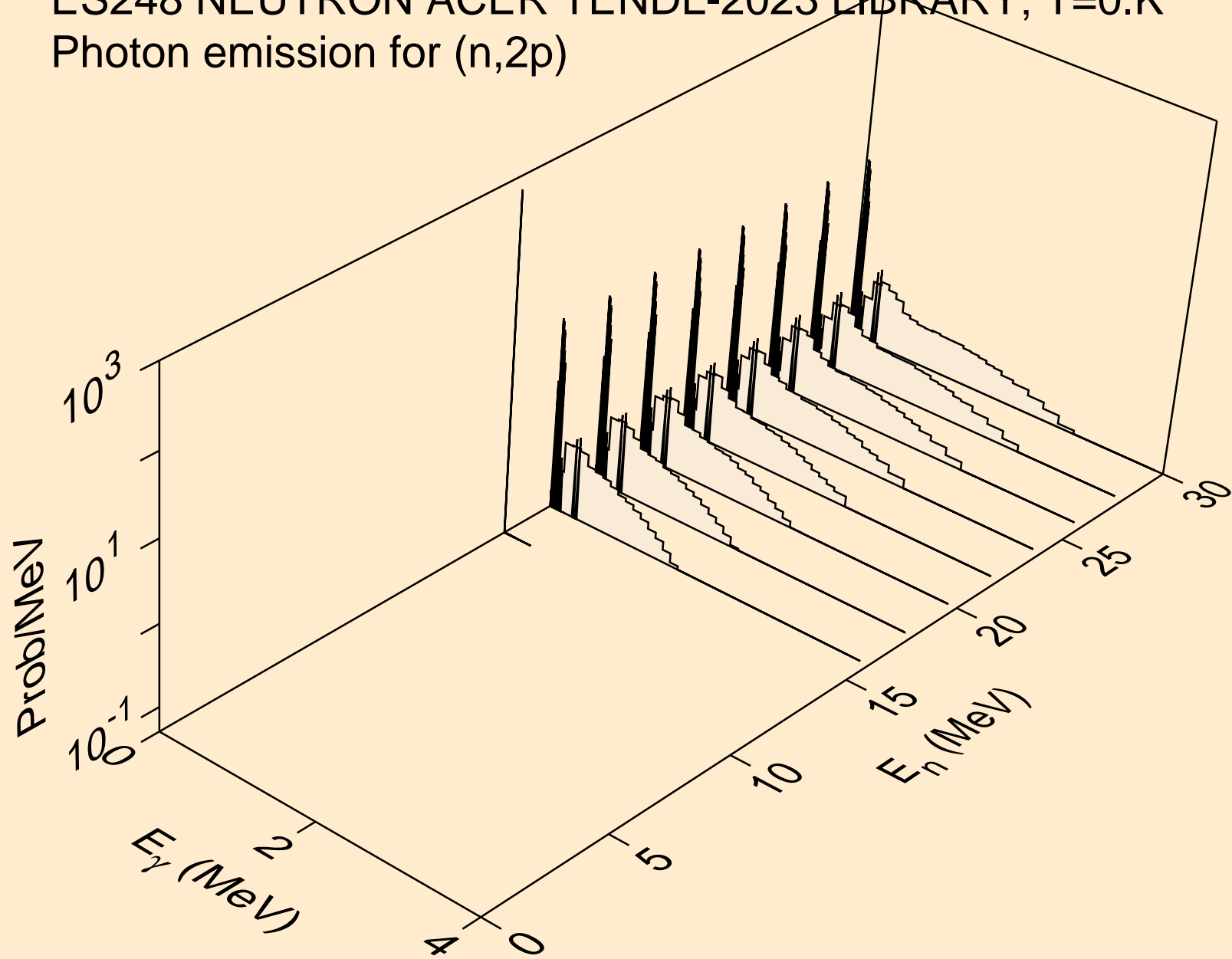
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



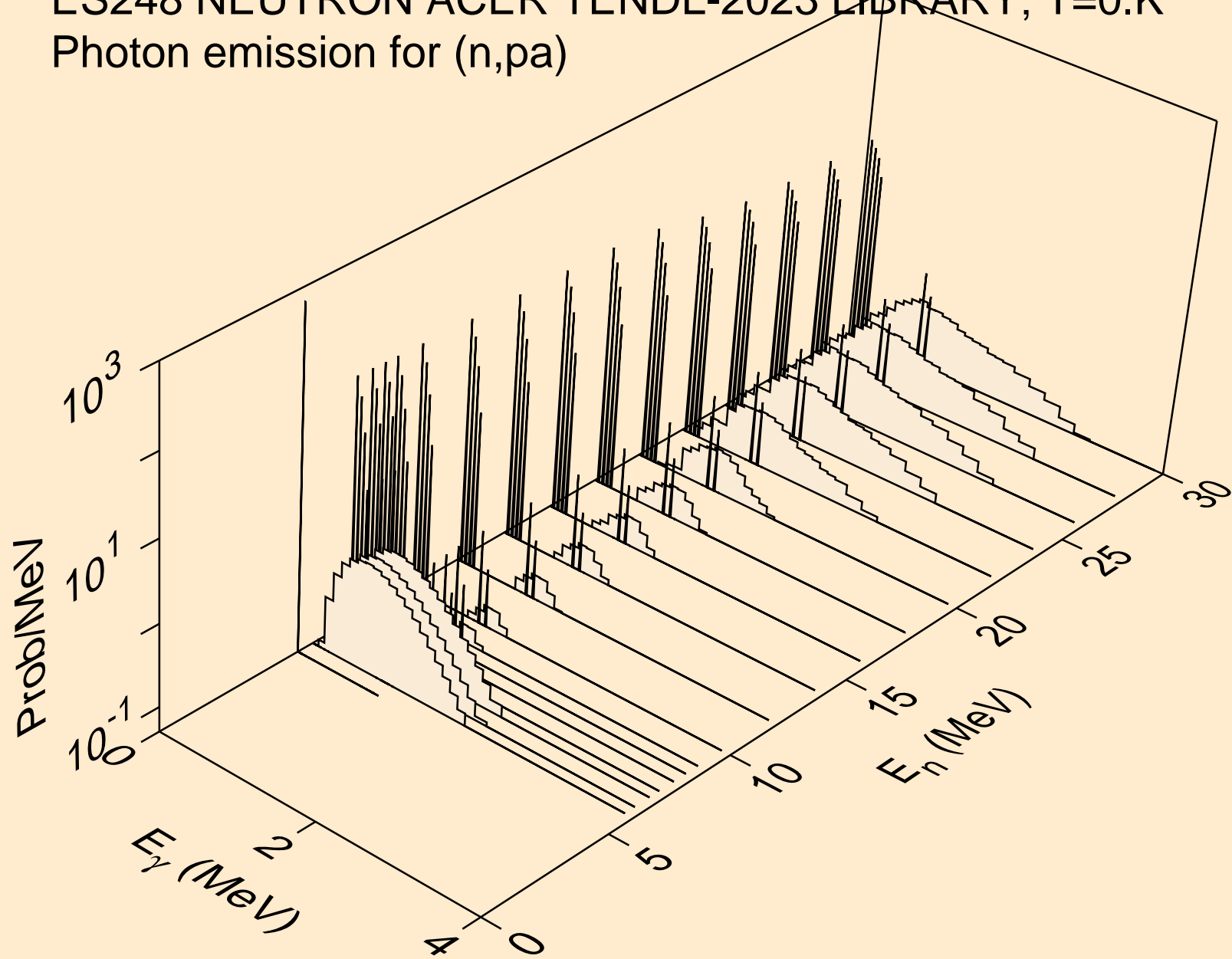
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



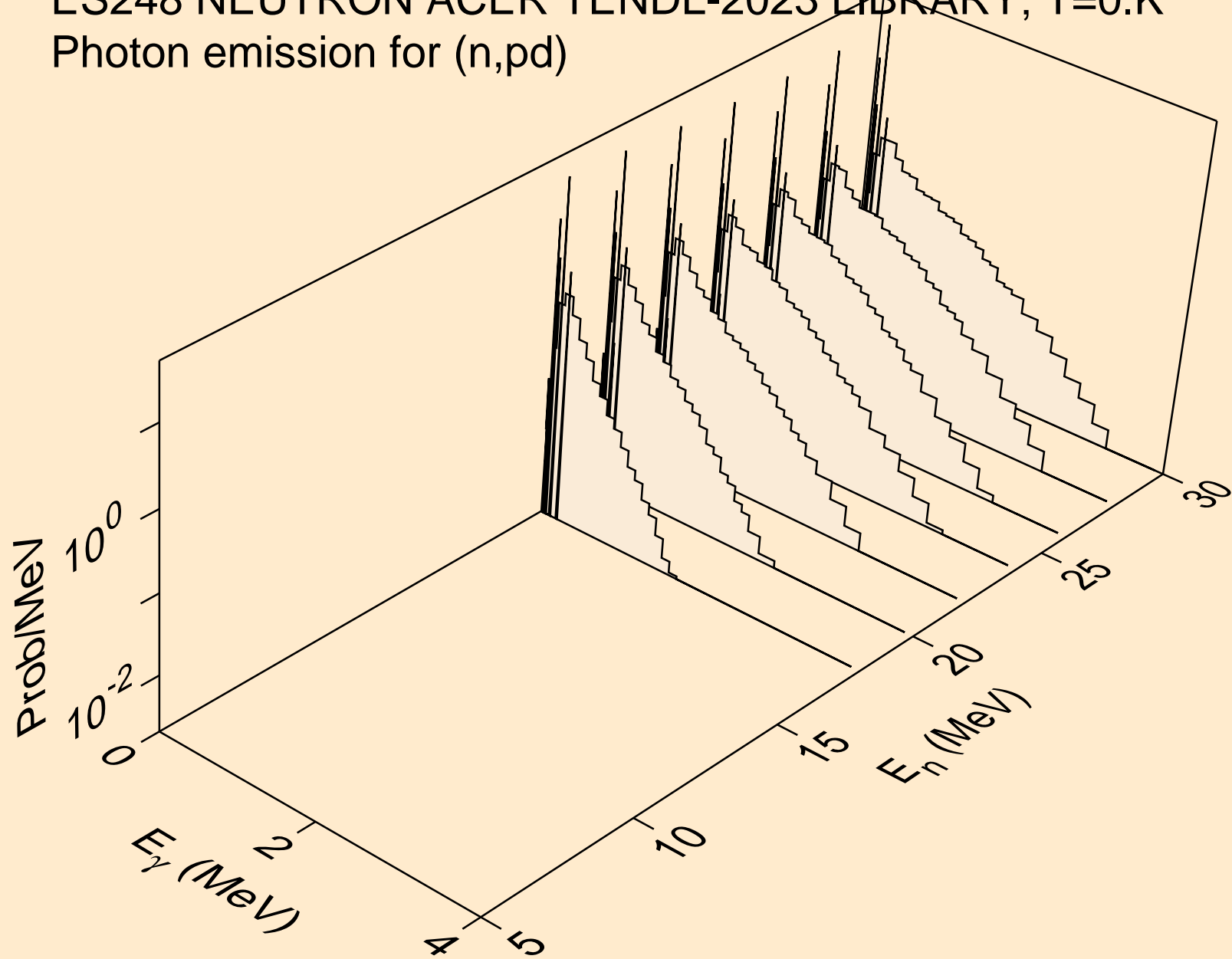
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



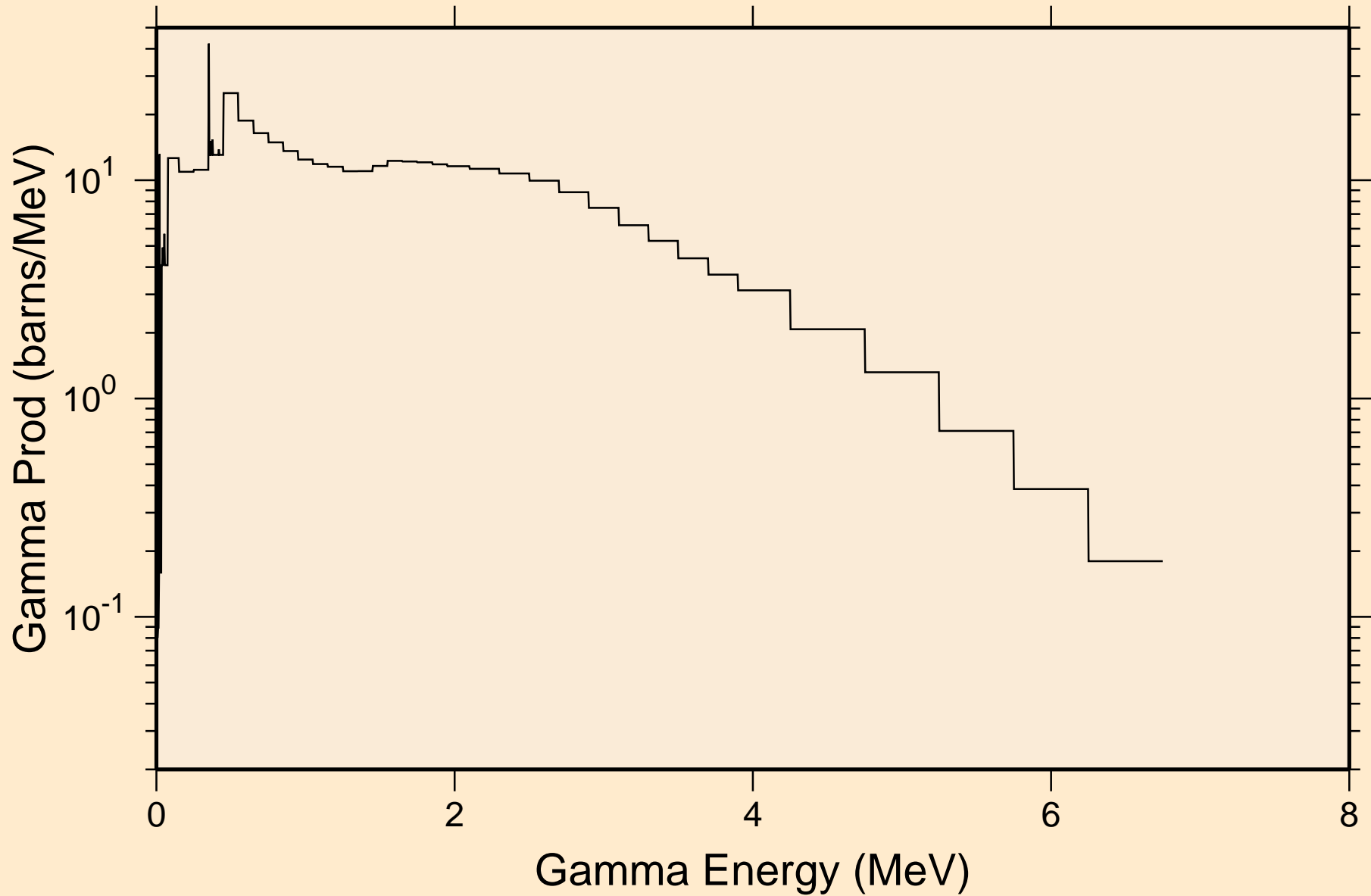
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

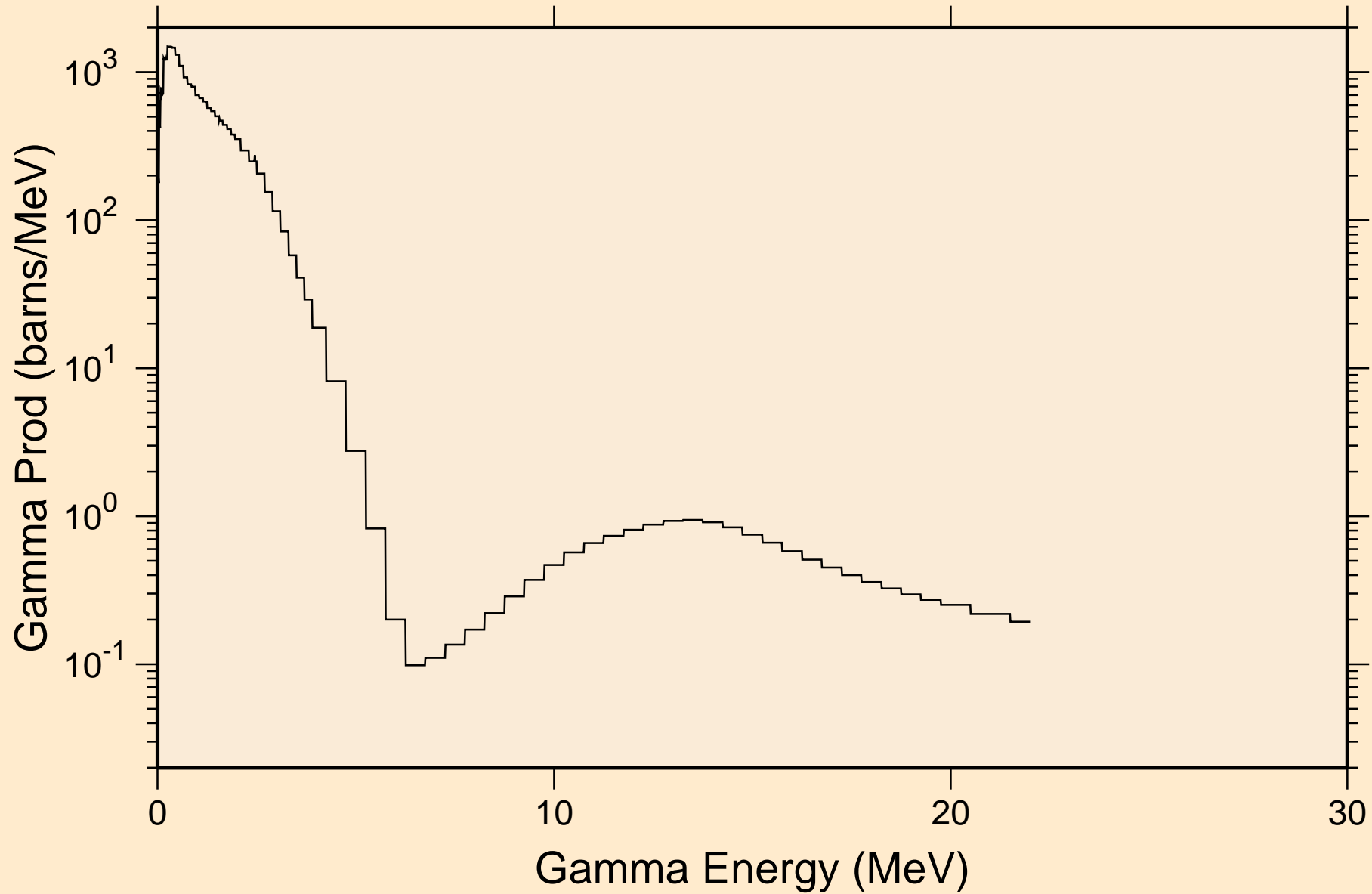


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



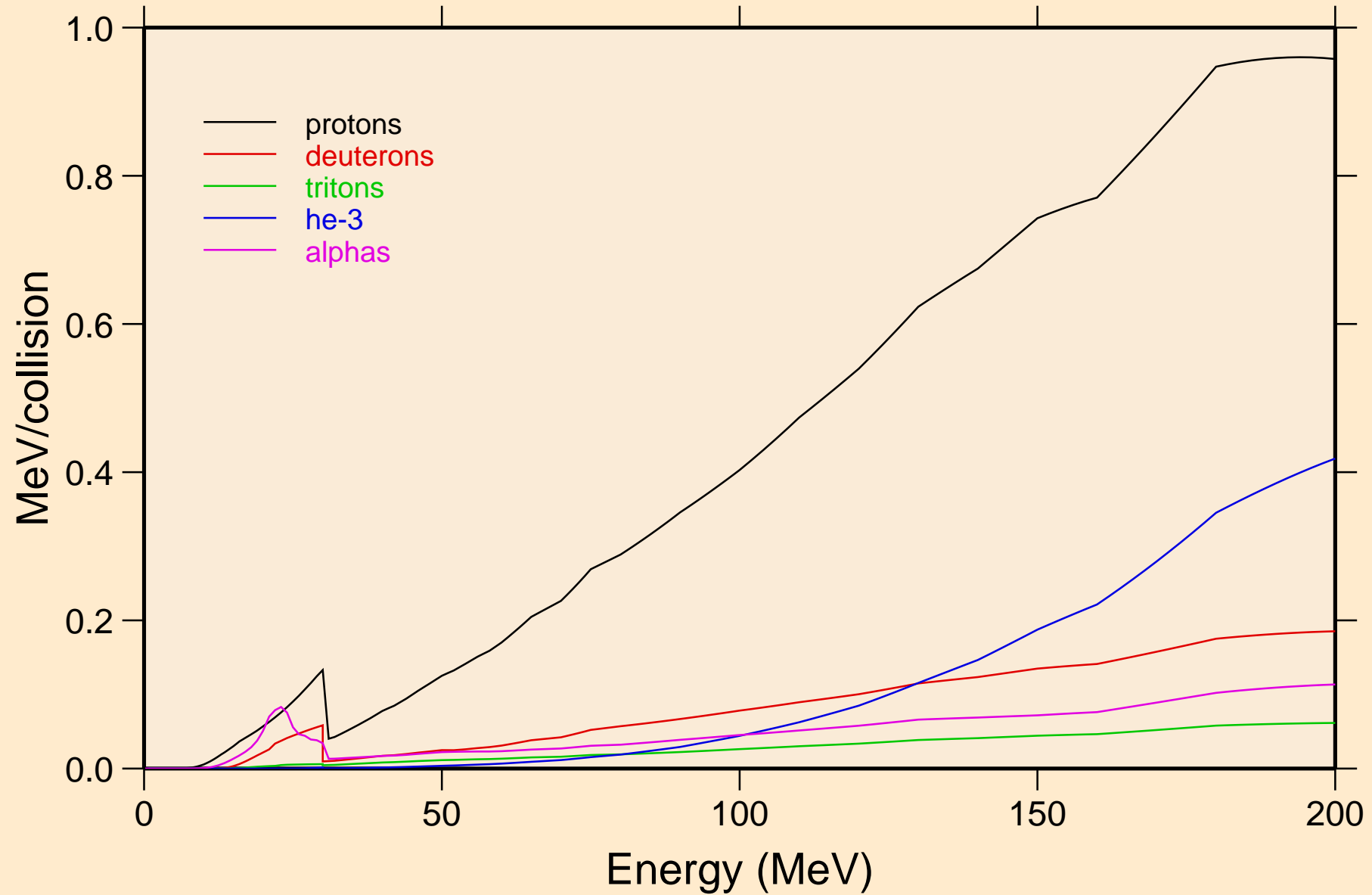


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

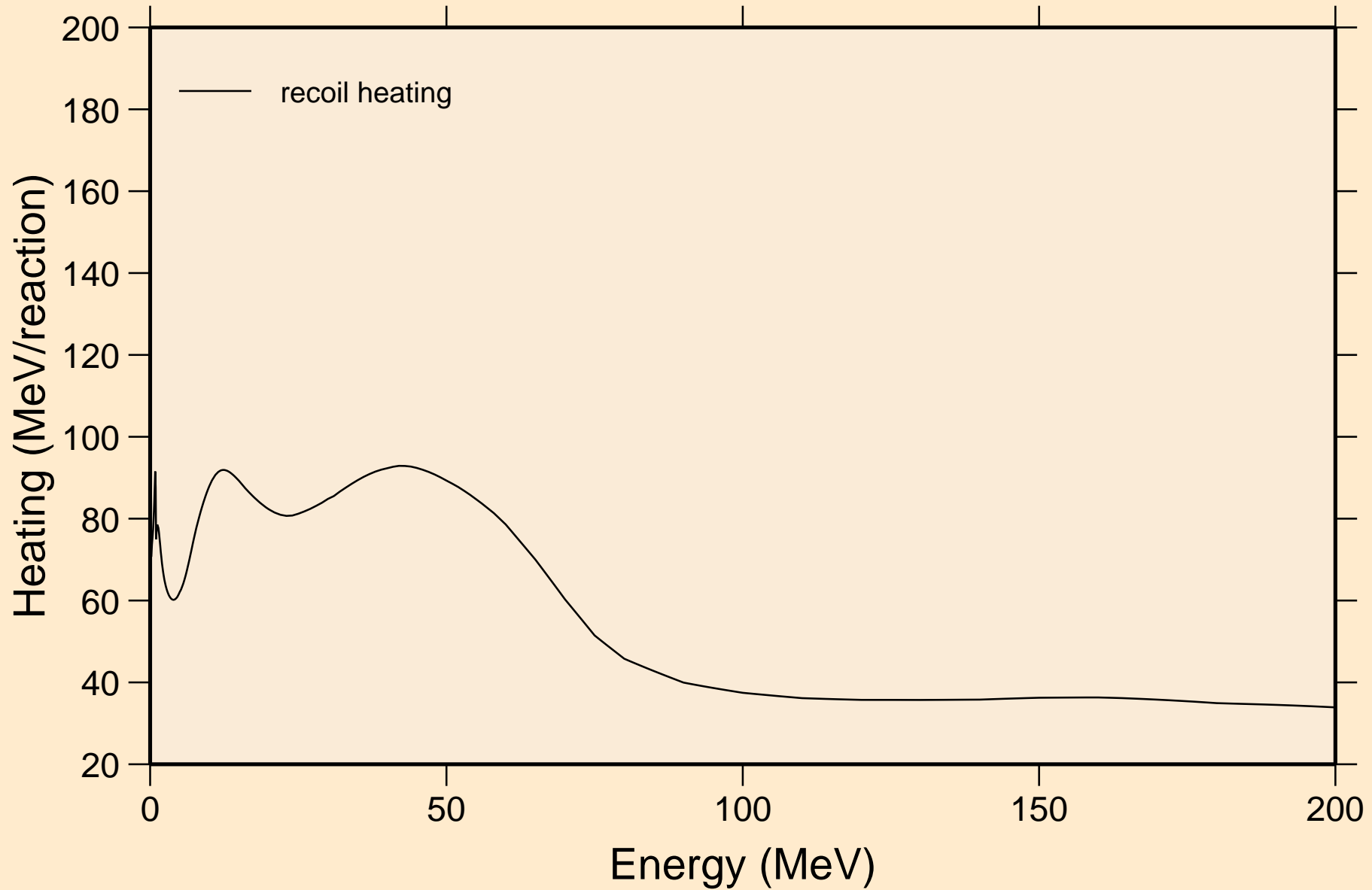


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

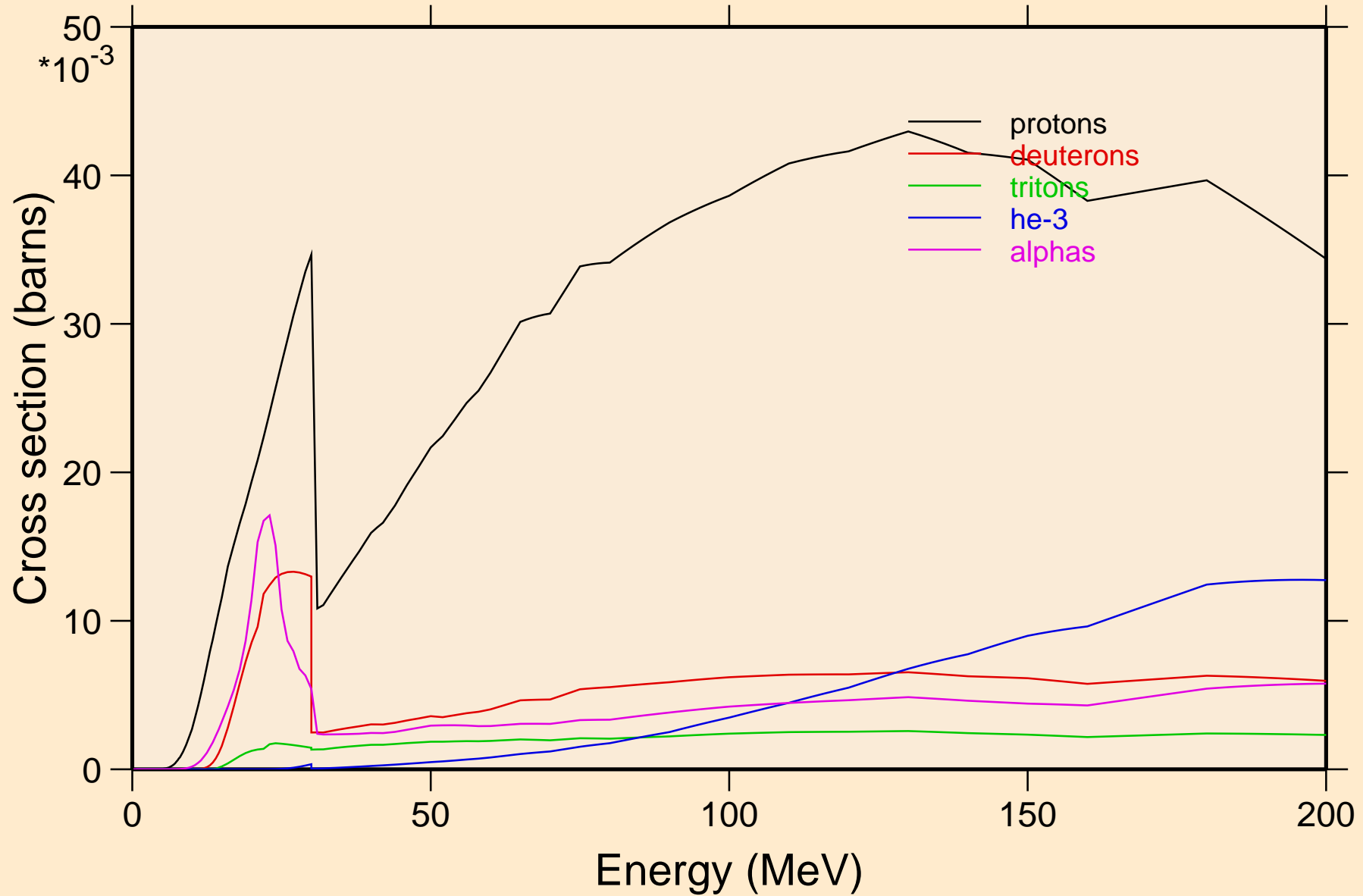


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

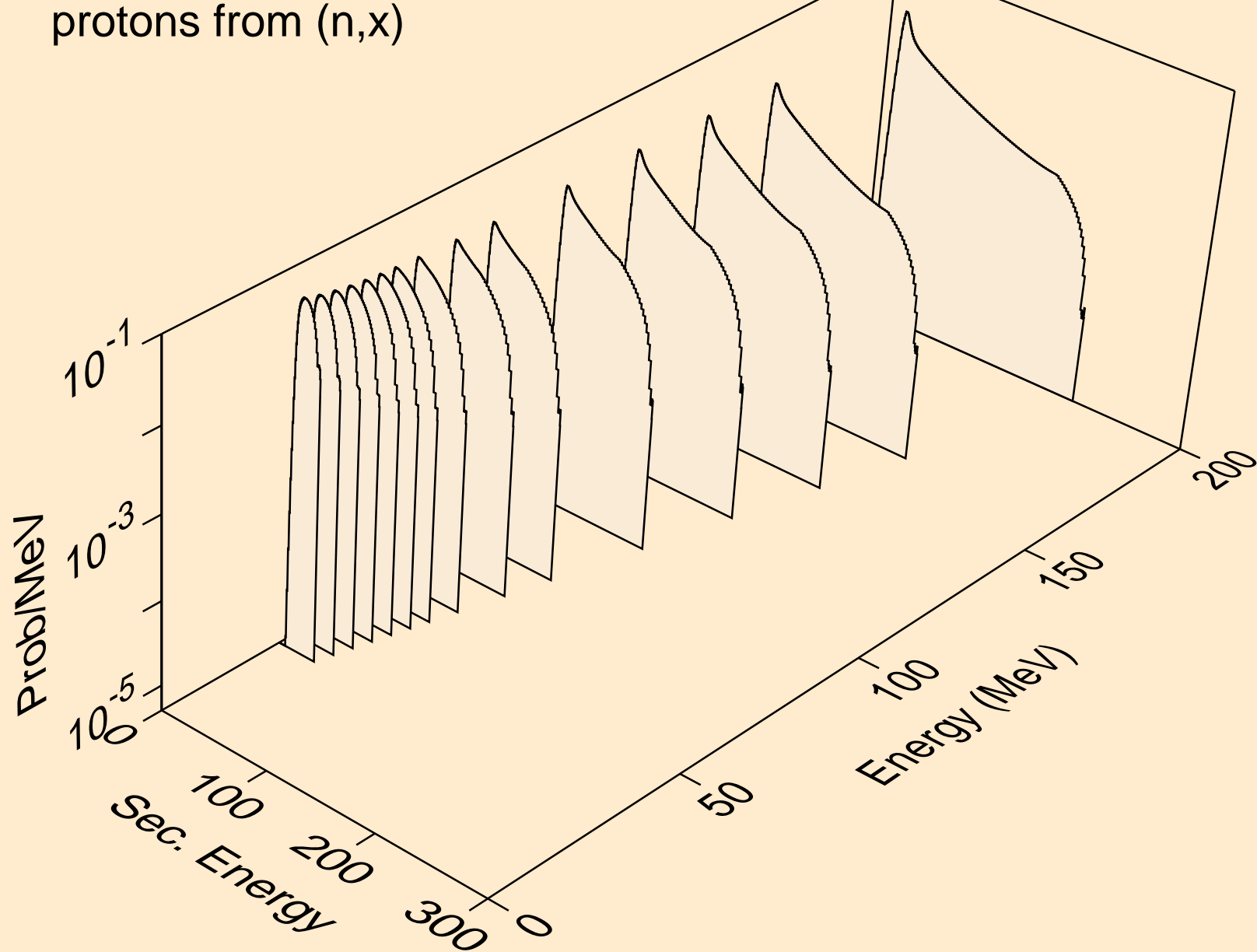


# ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

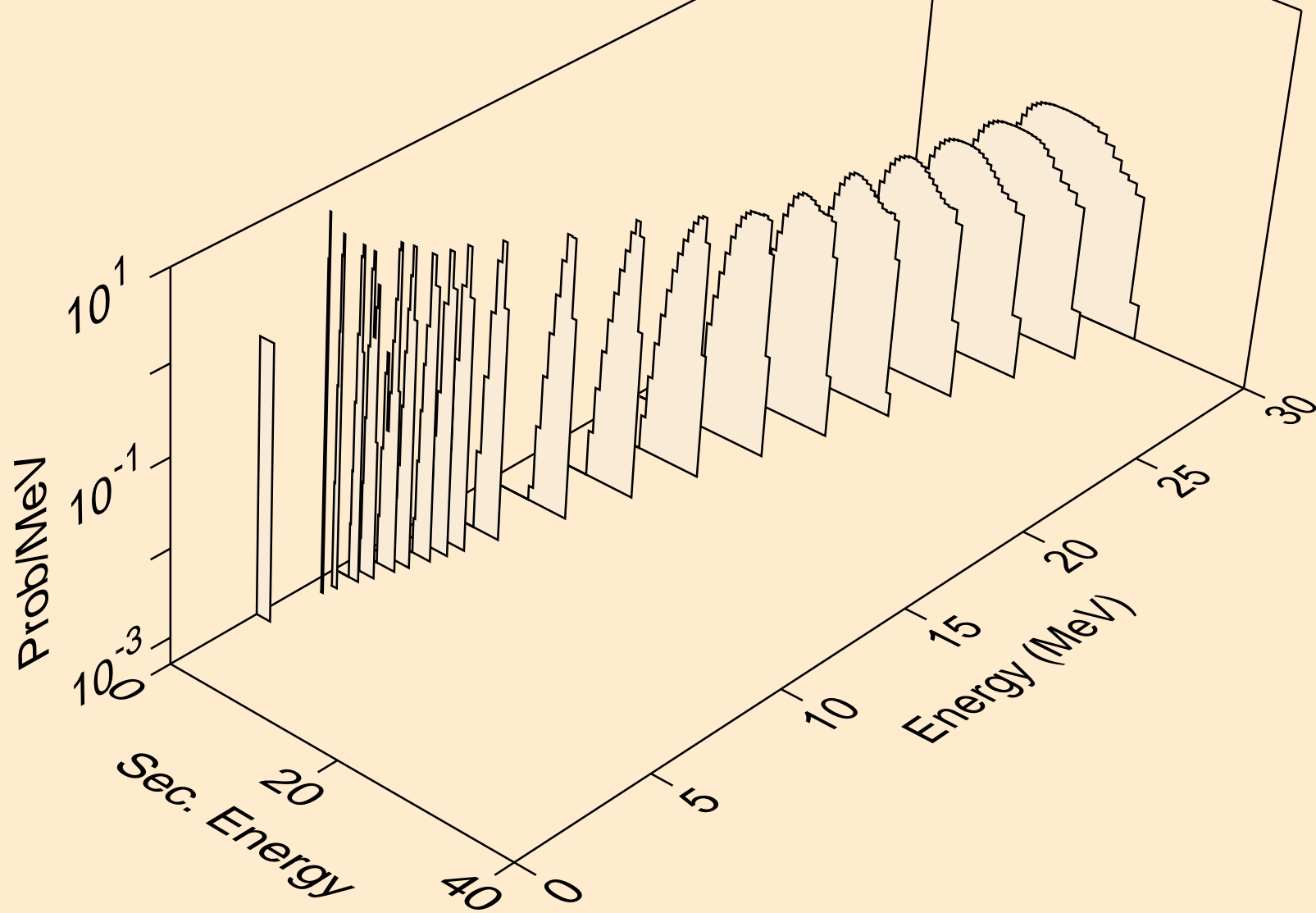
## Particle production cross sections



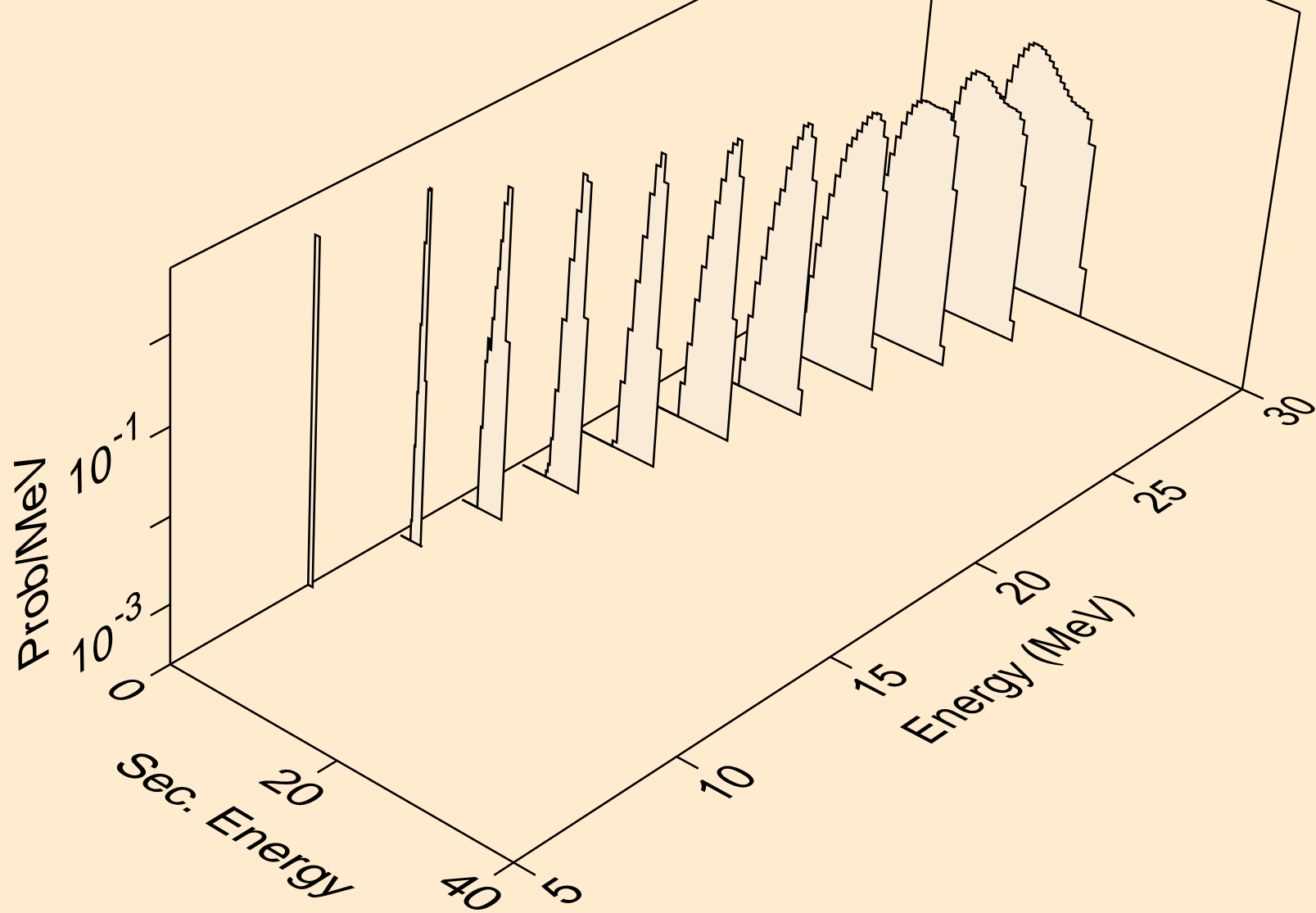
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



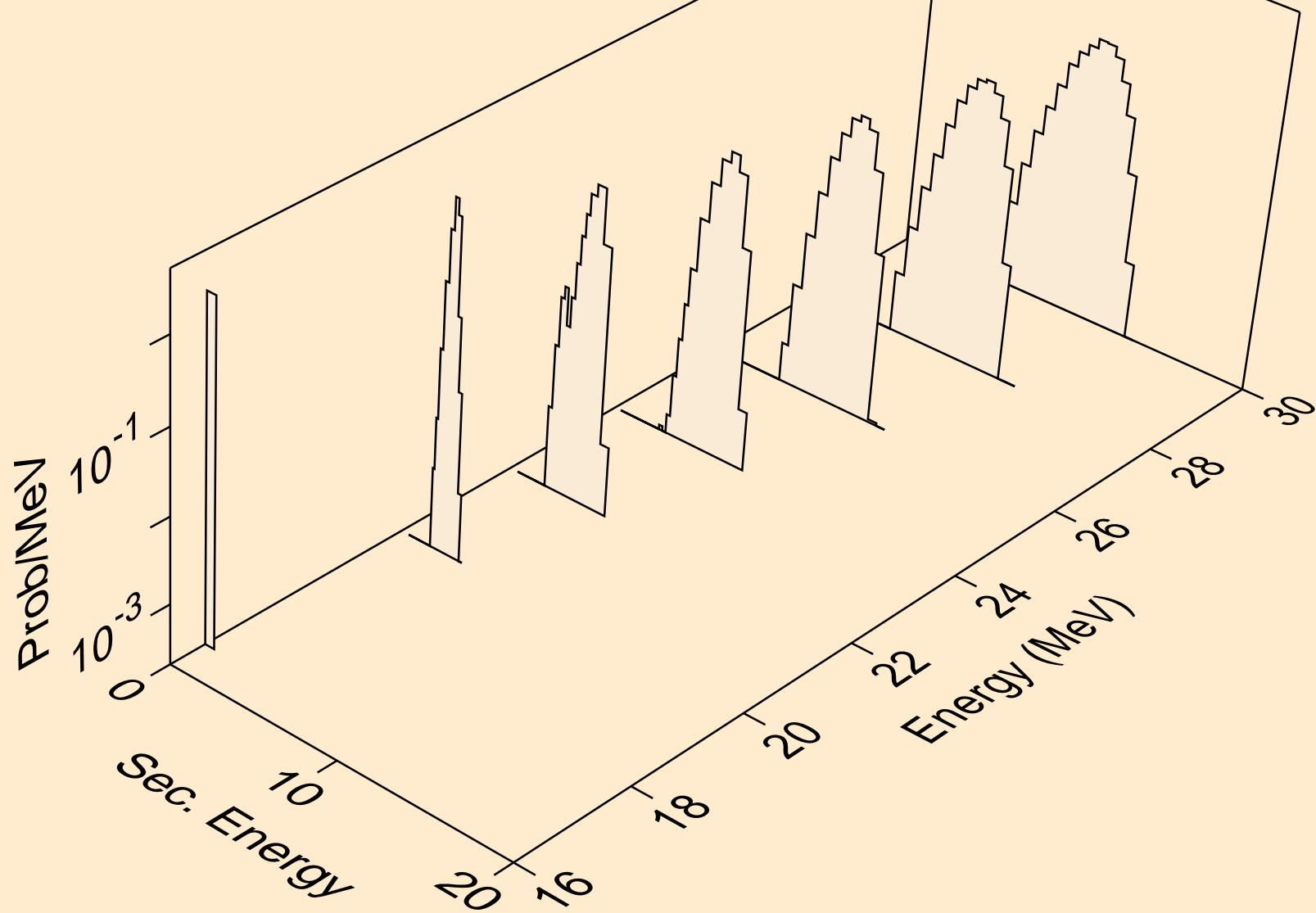
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

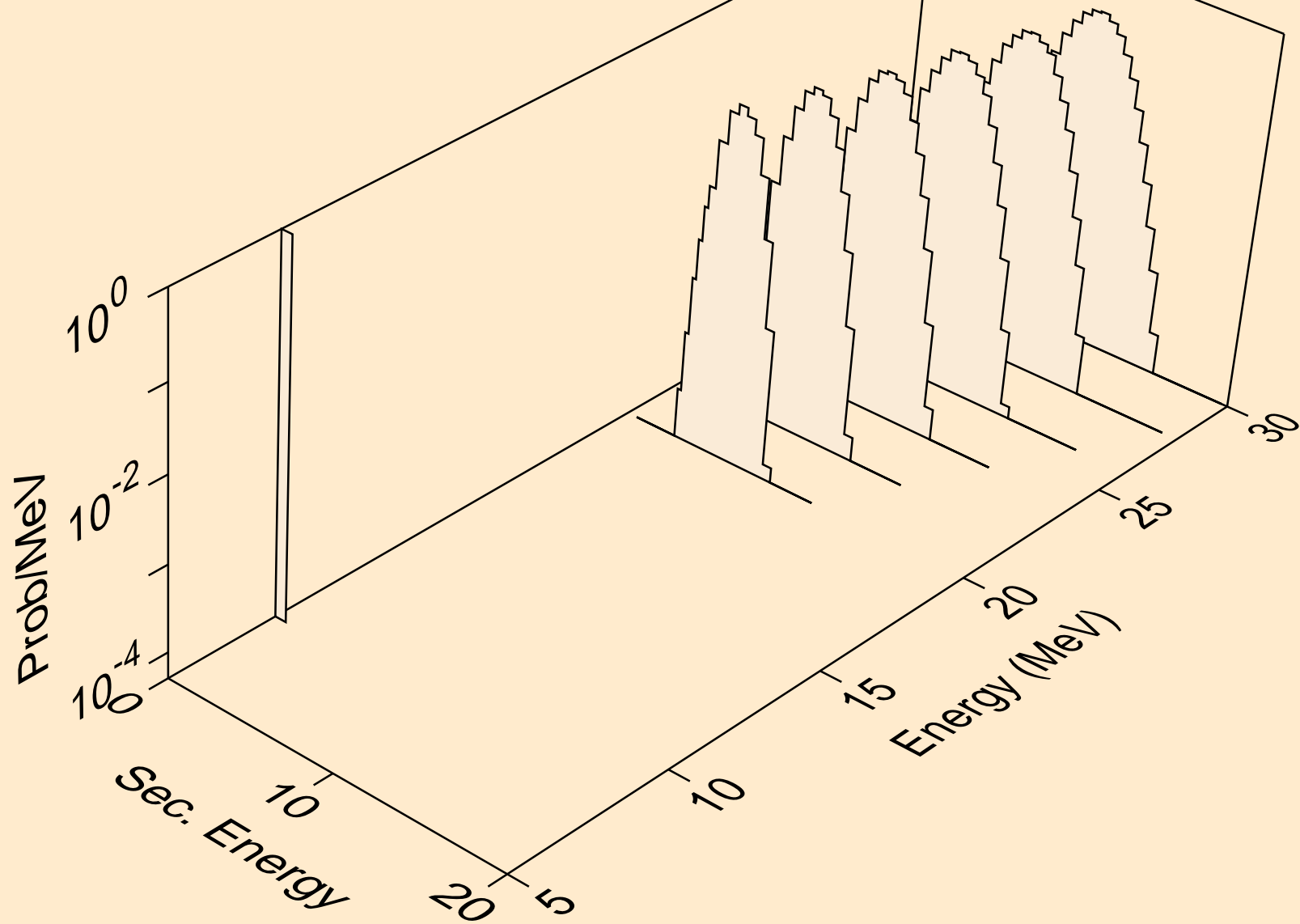


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

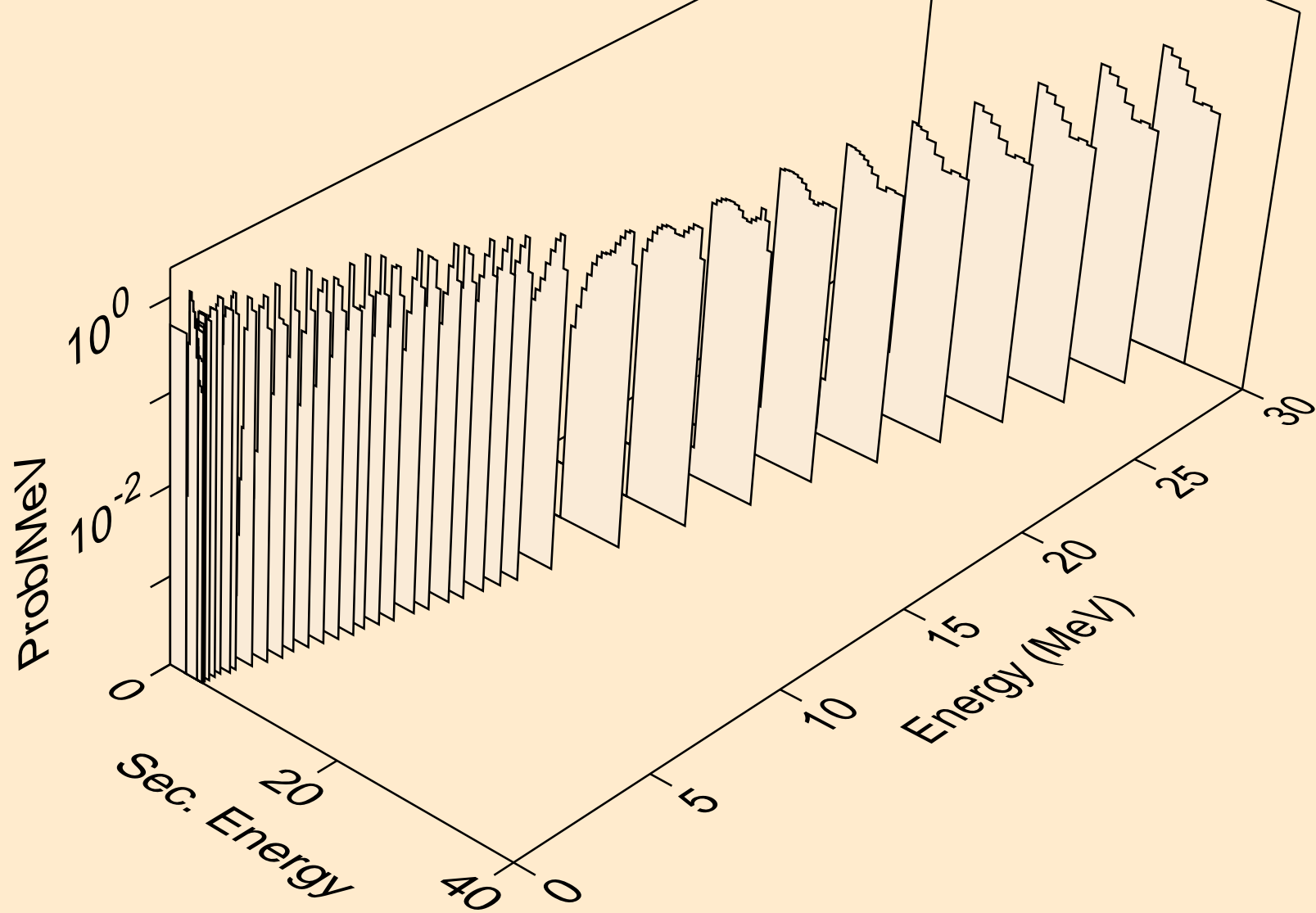




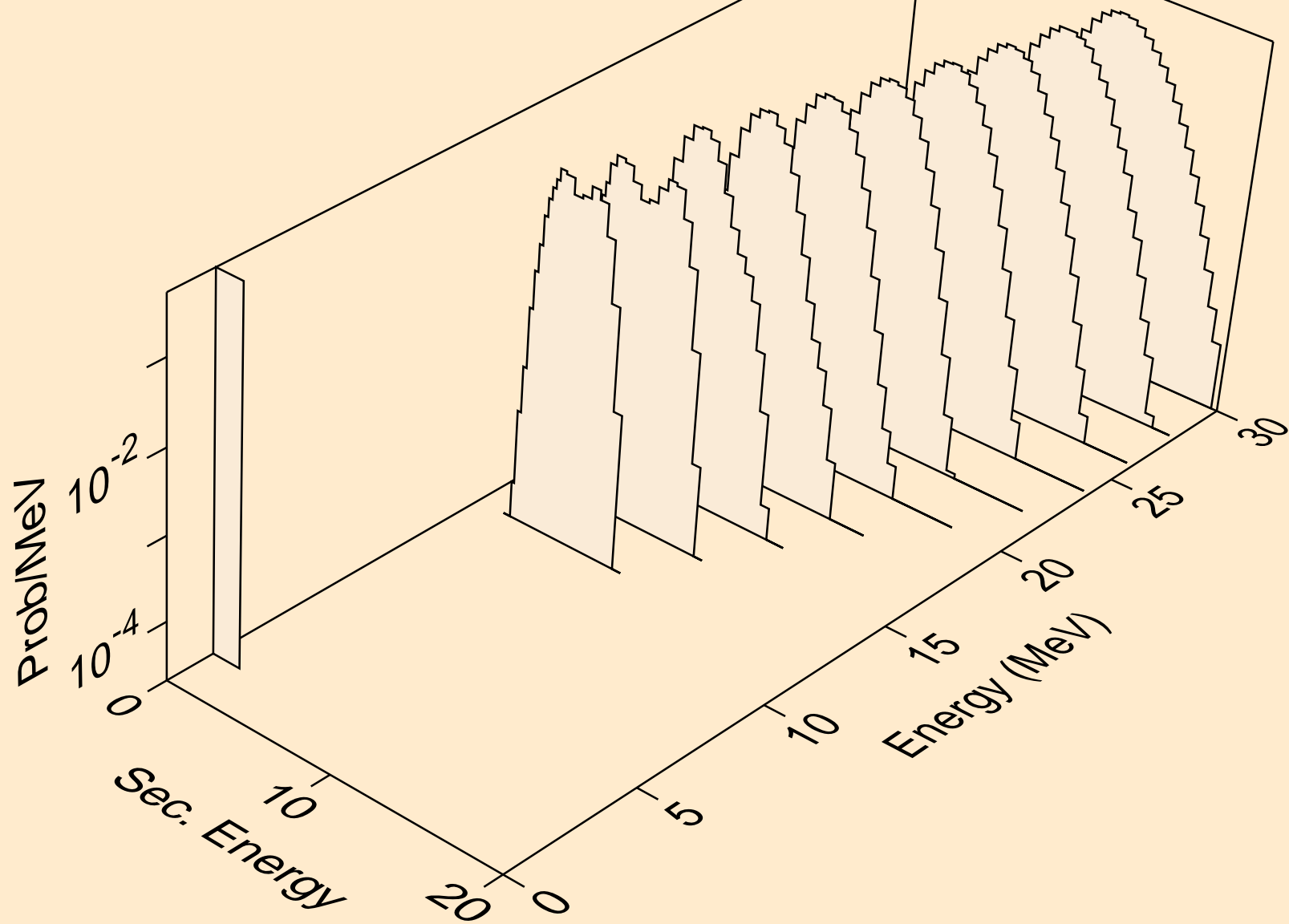
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



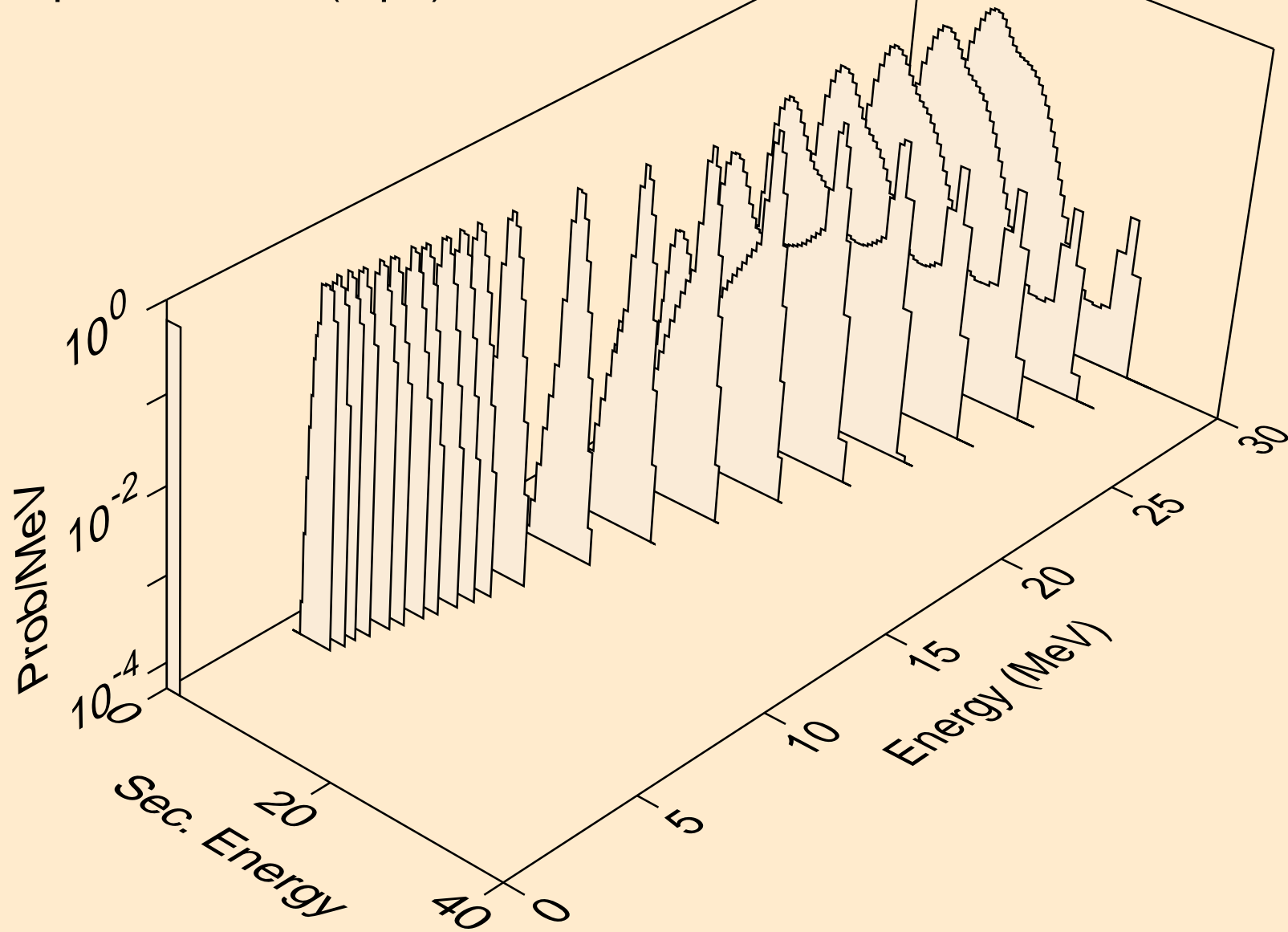
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



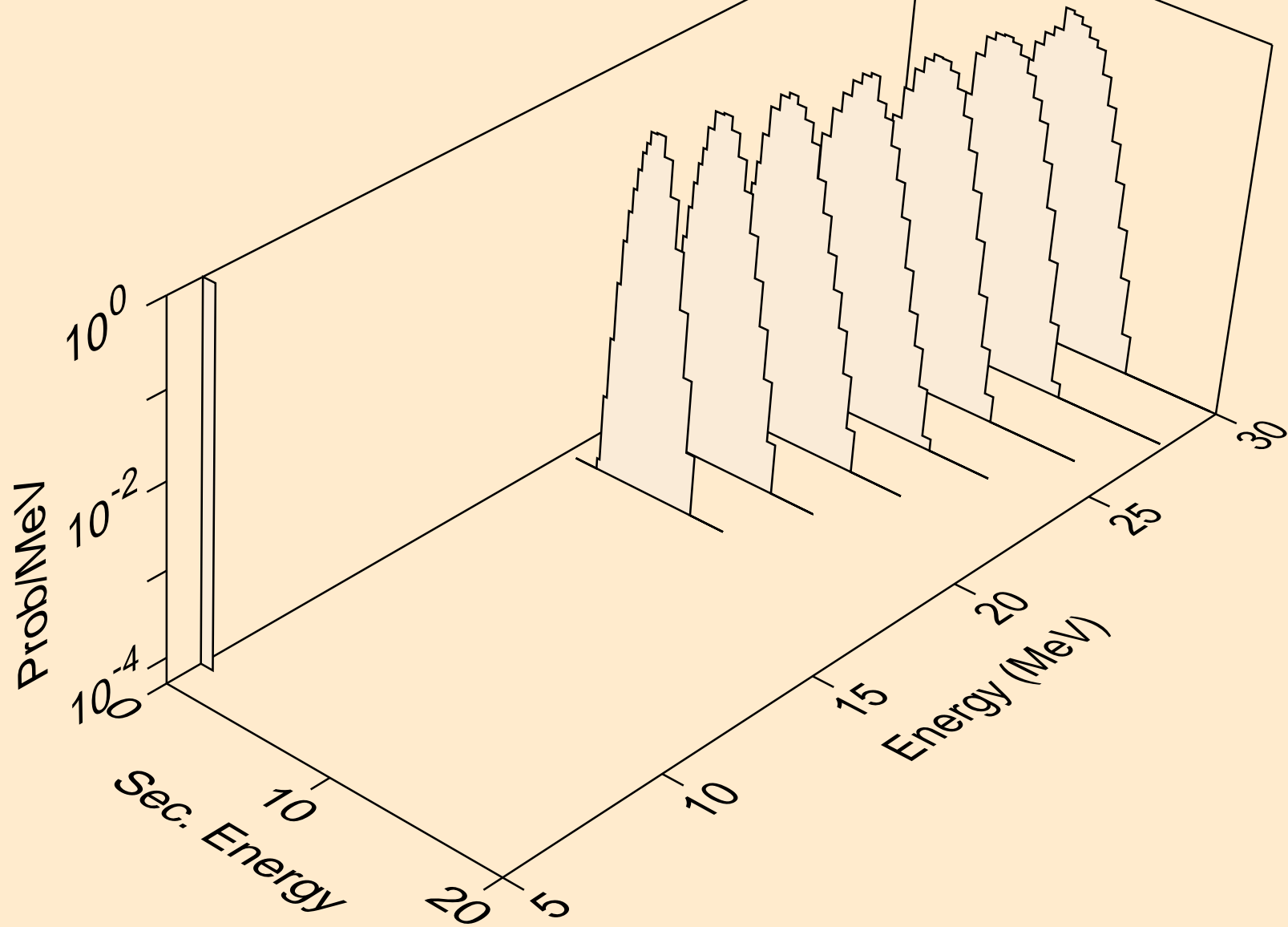
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



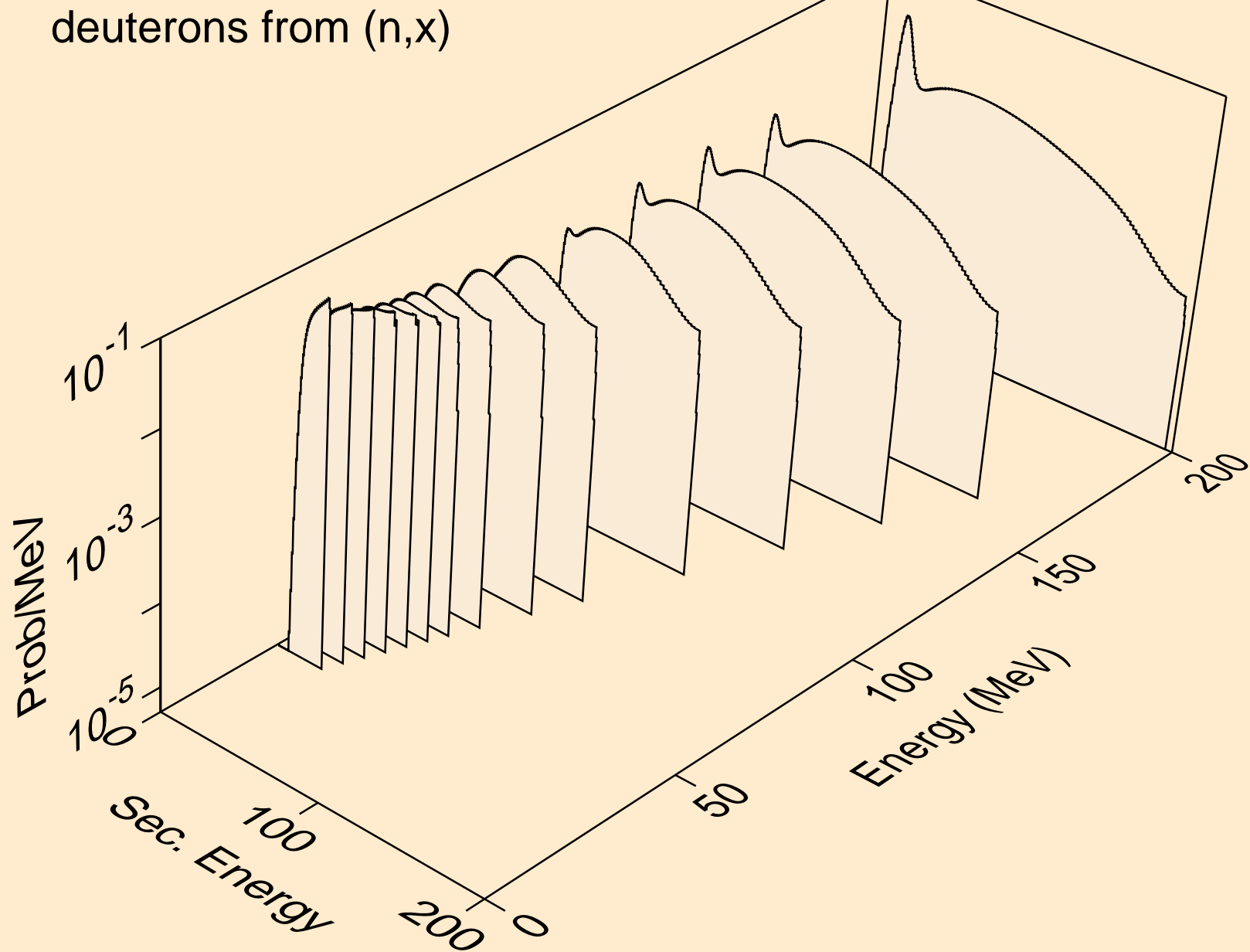
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



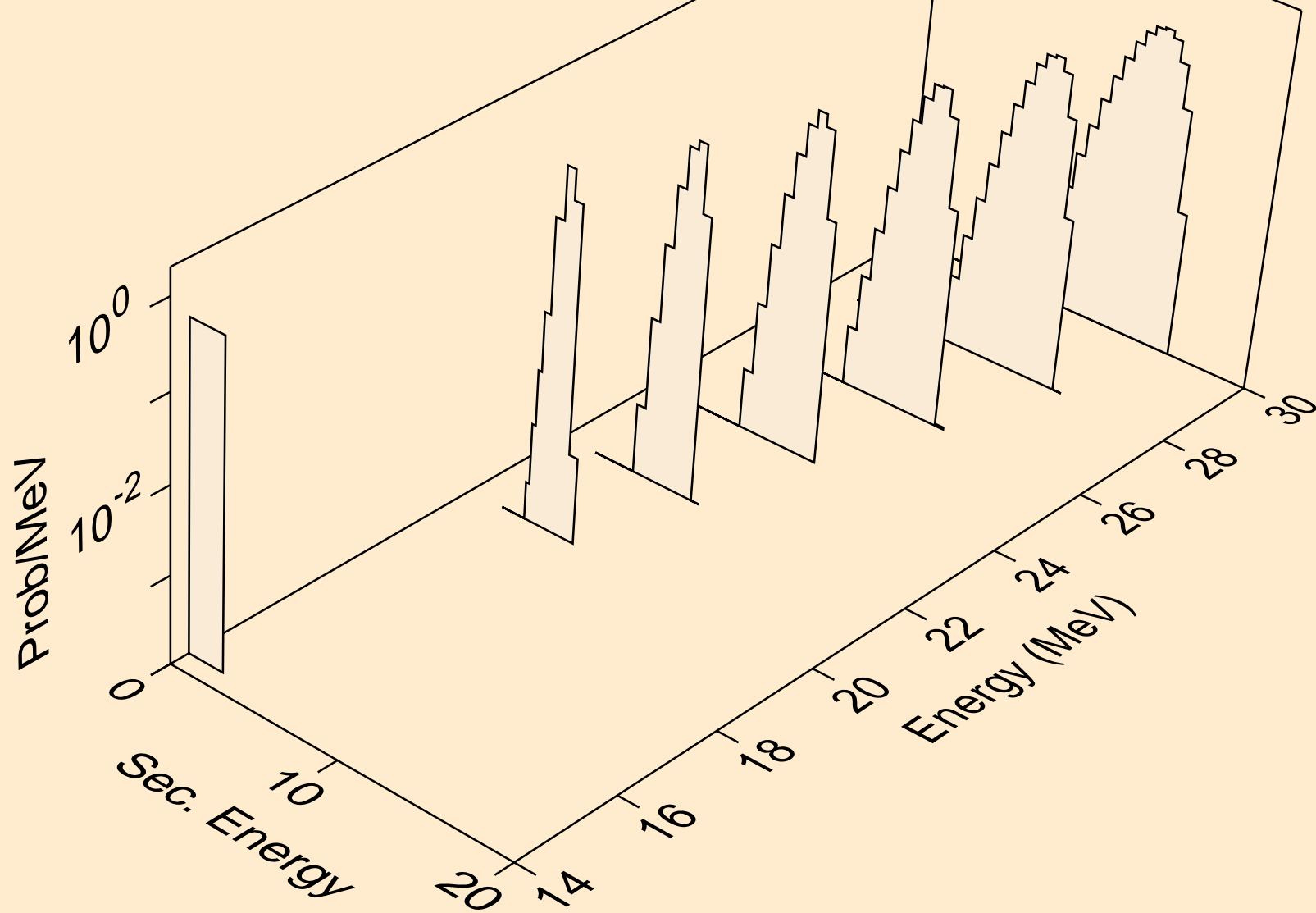
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



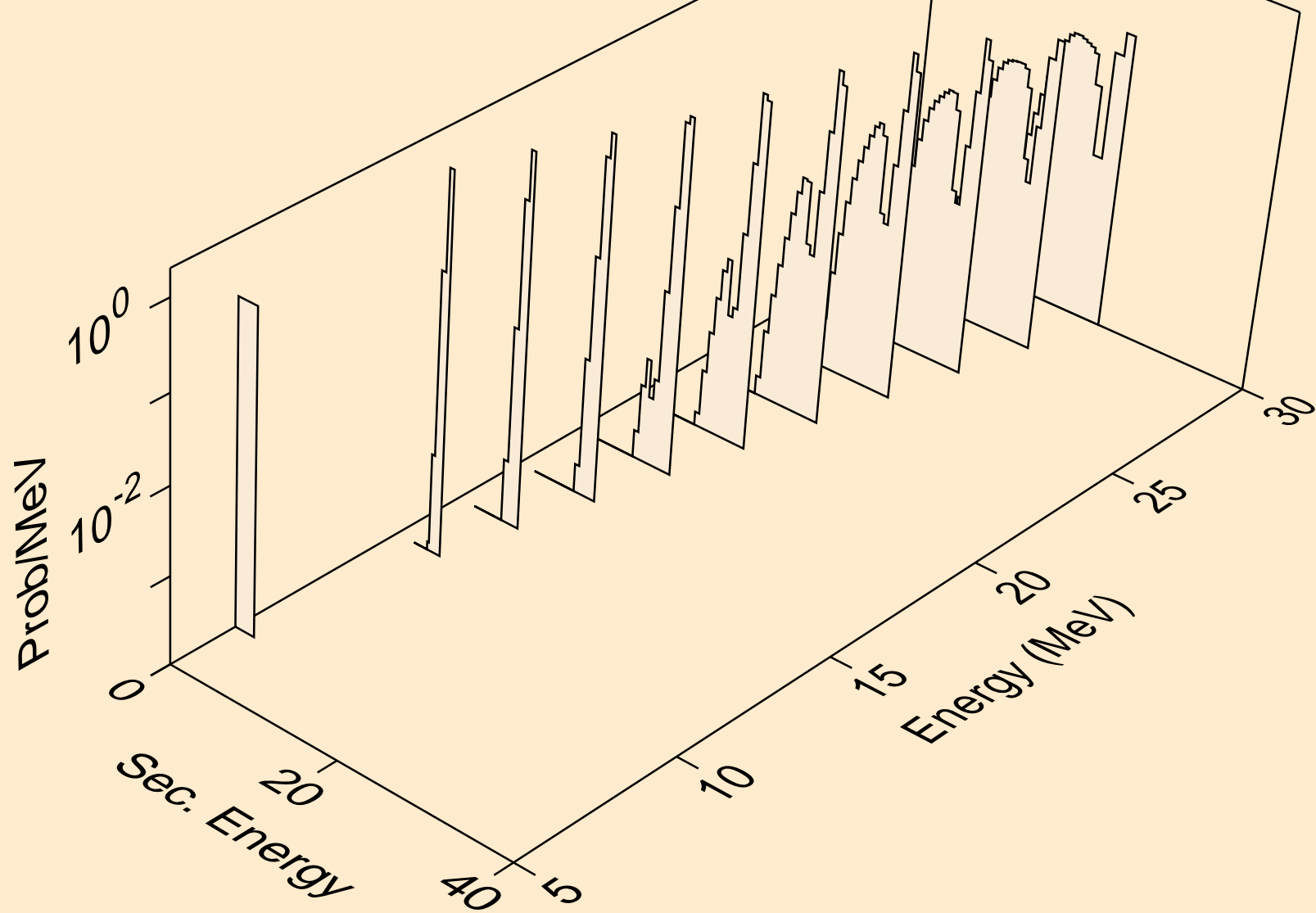
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

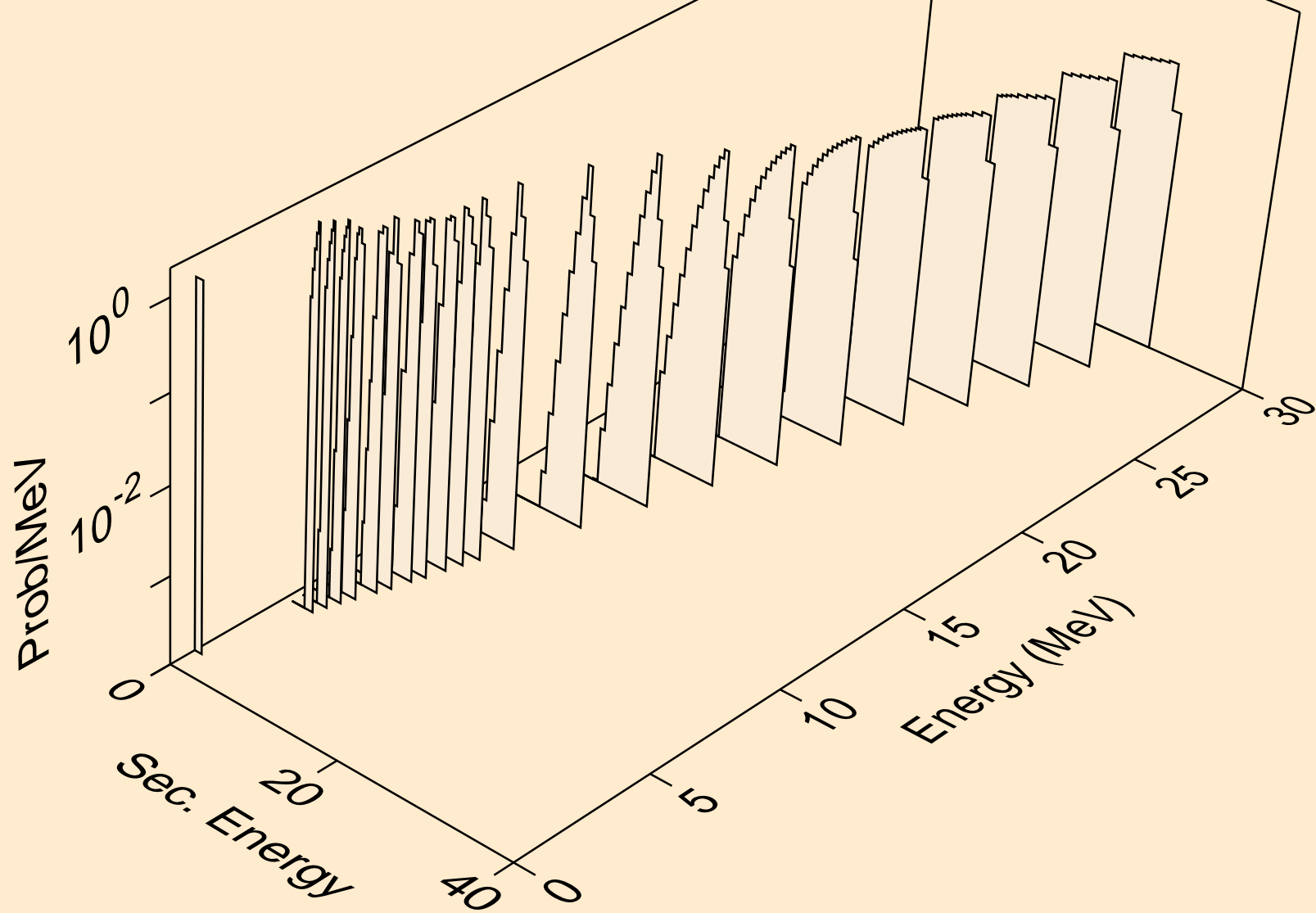


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

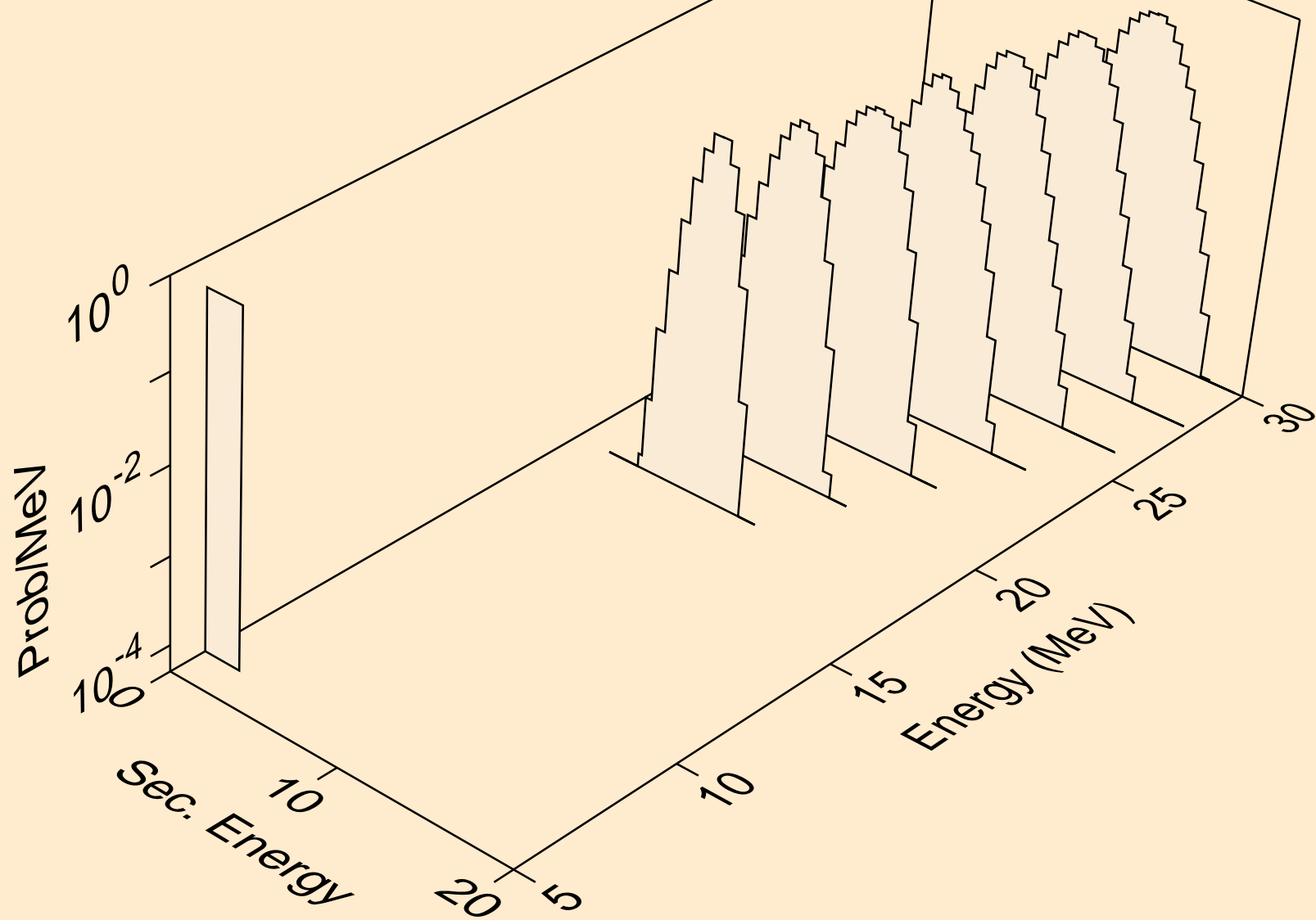




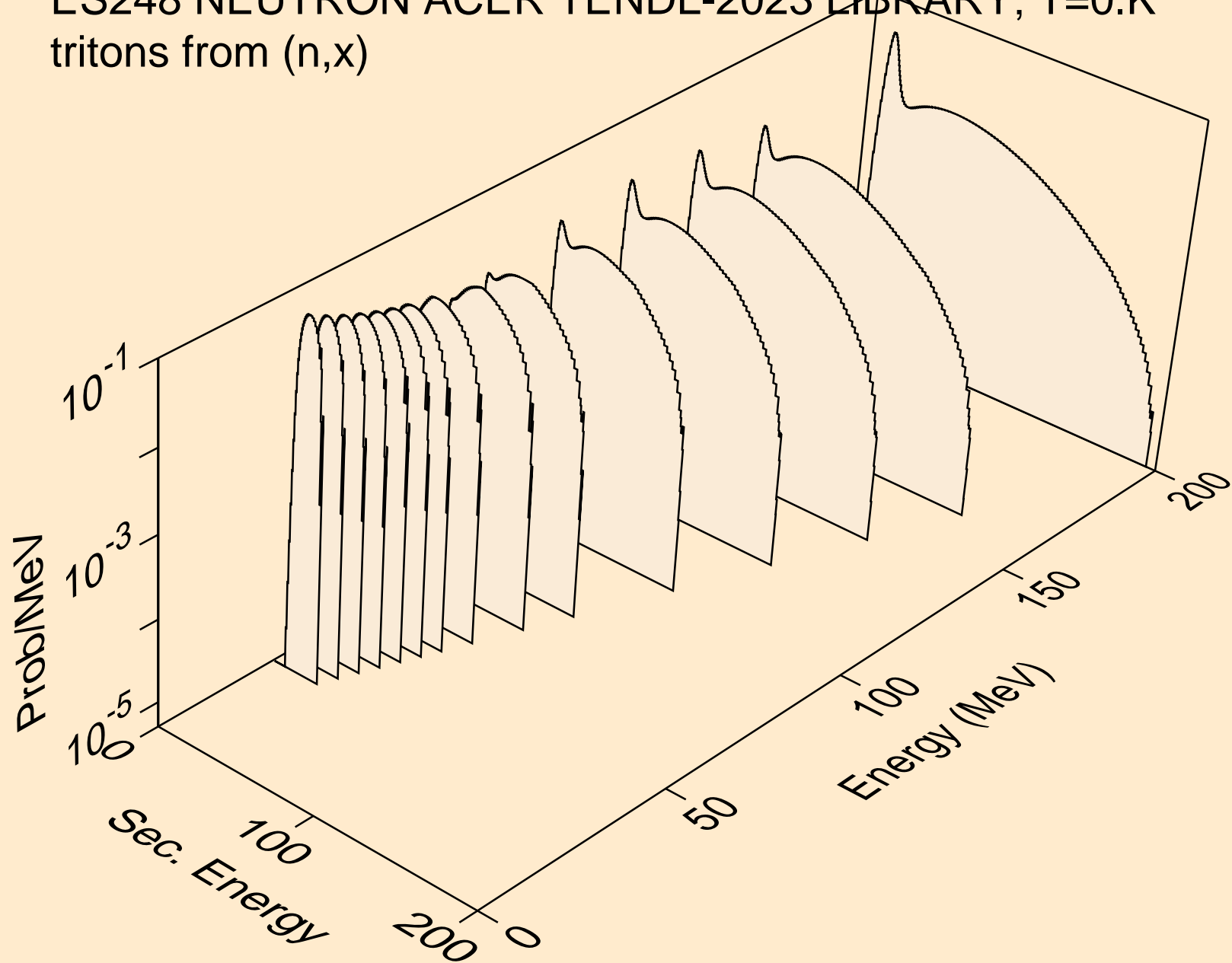
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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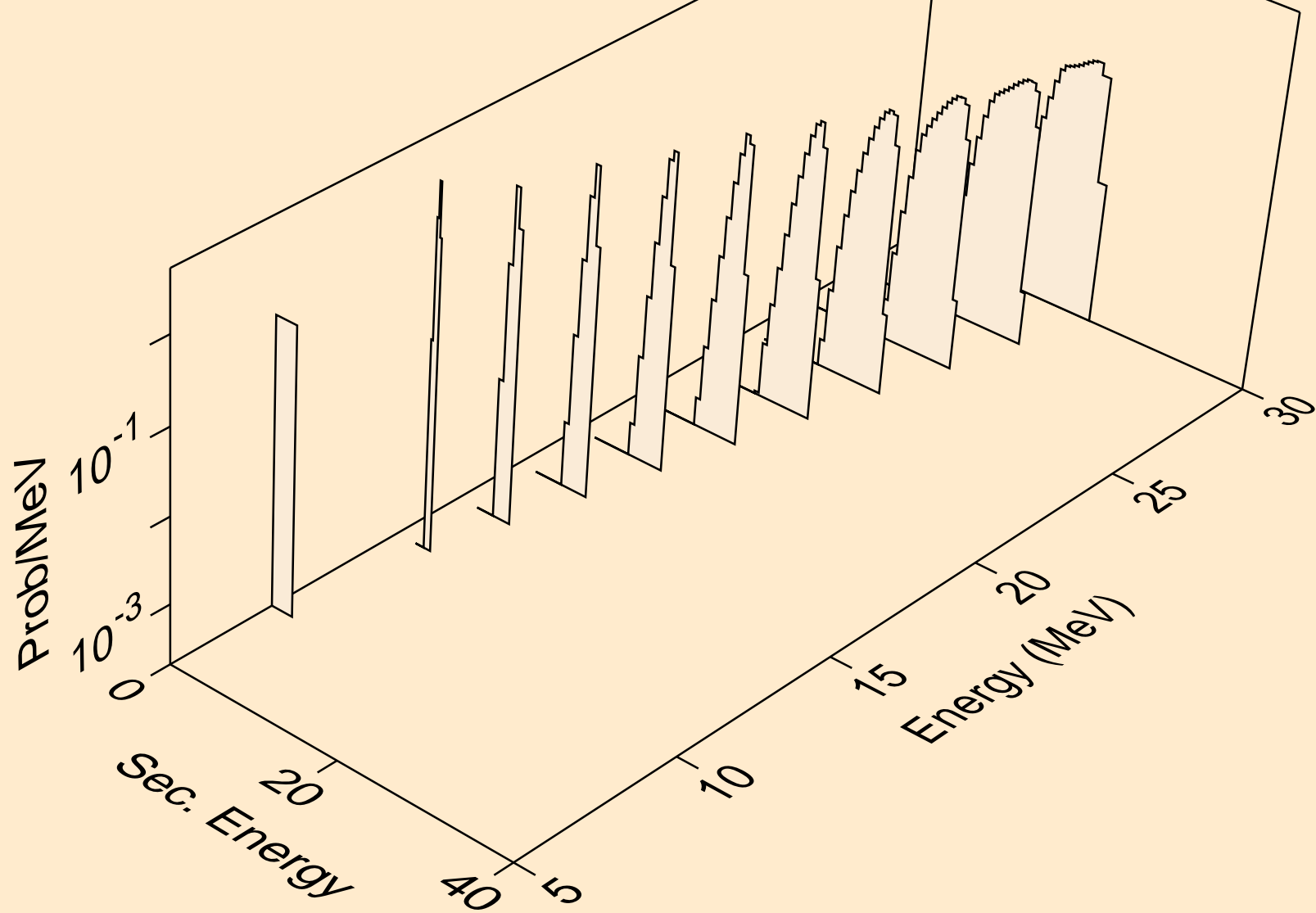
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



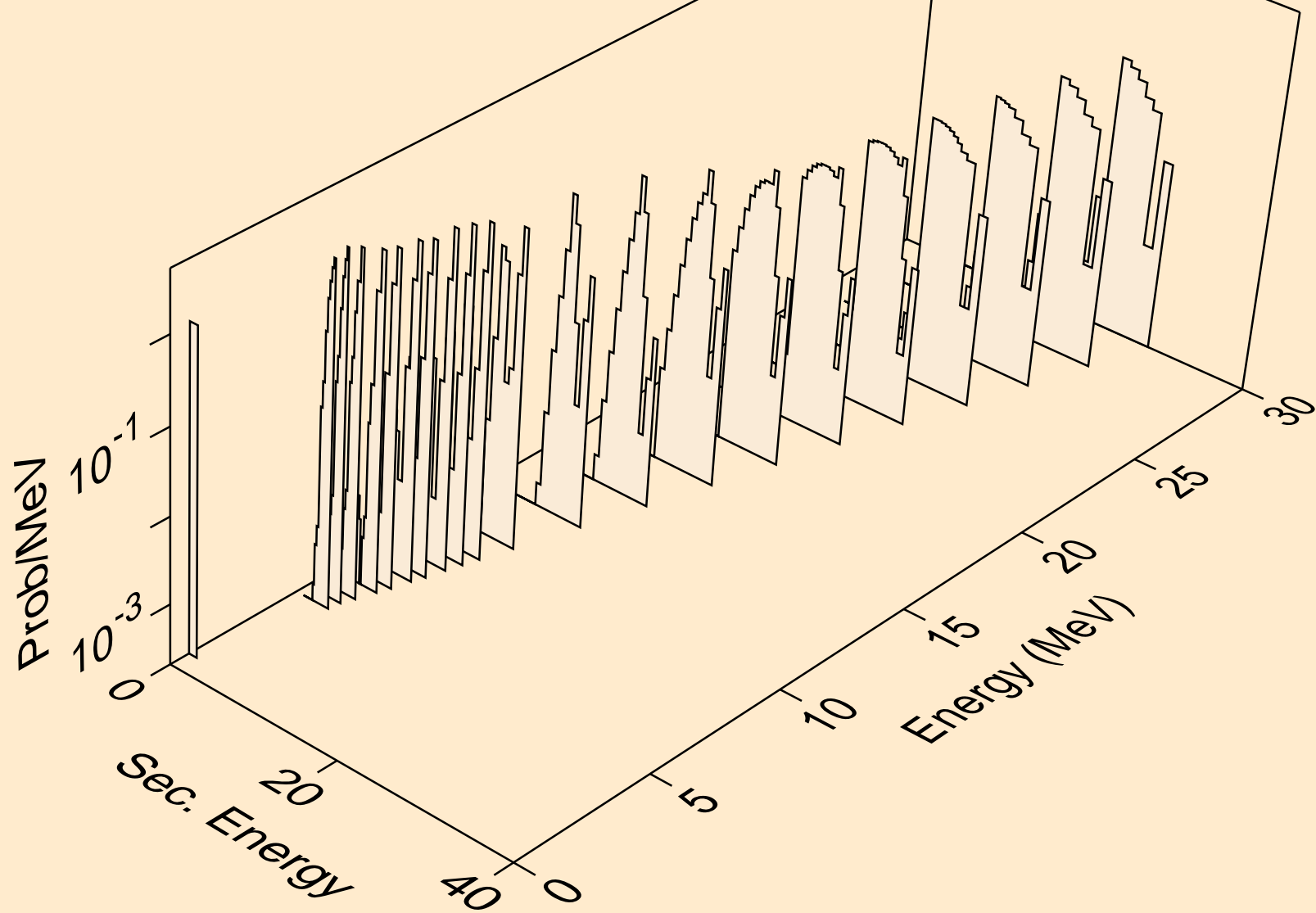
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



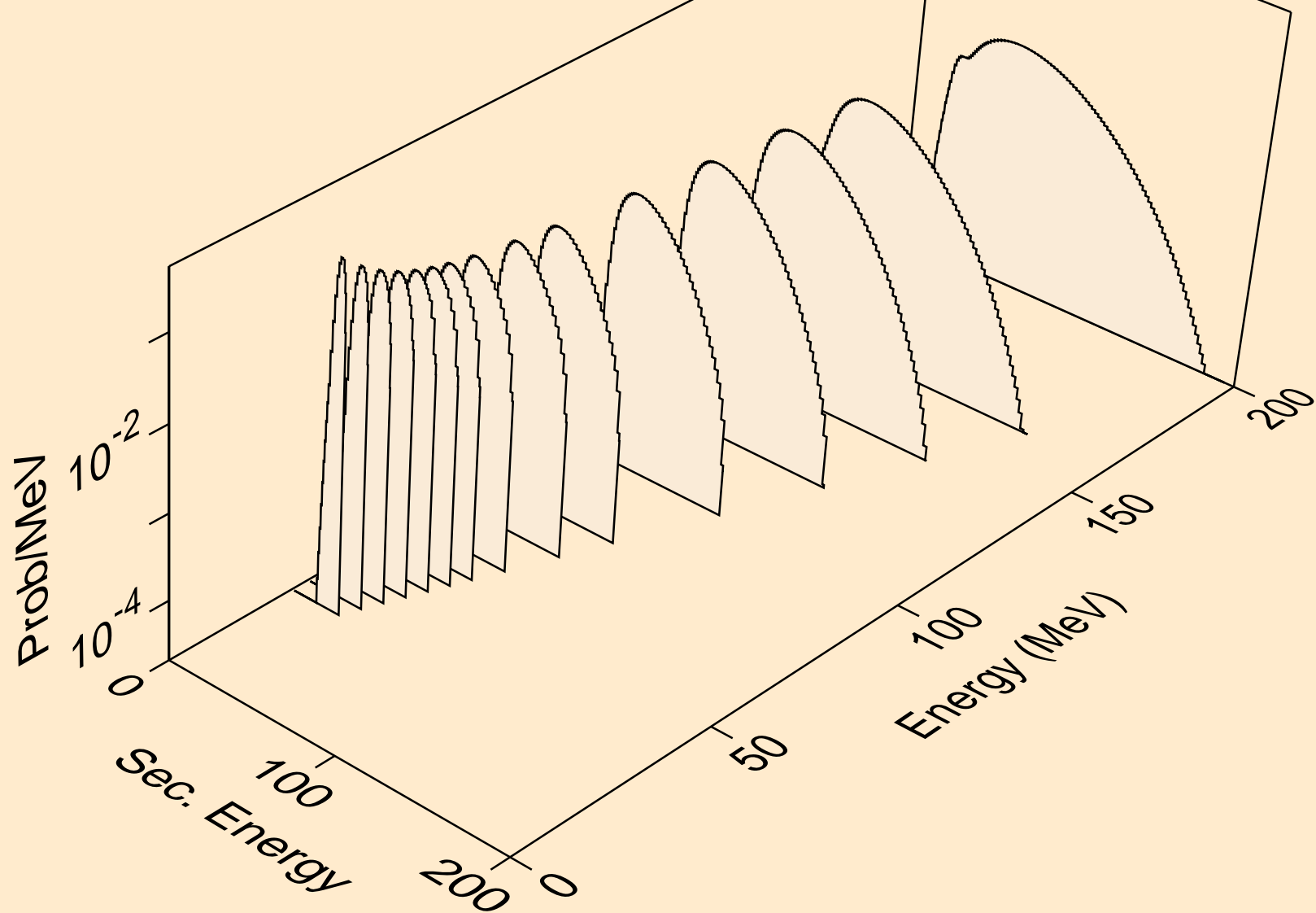
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



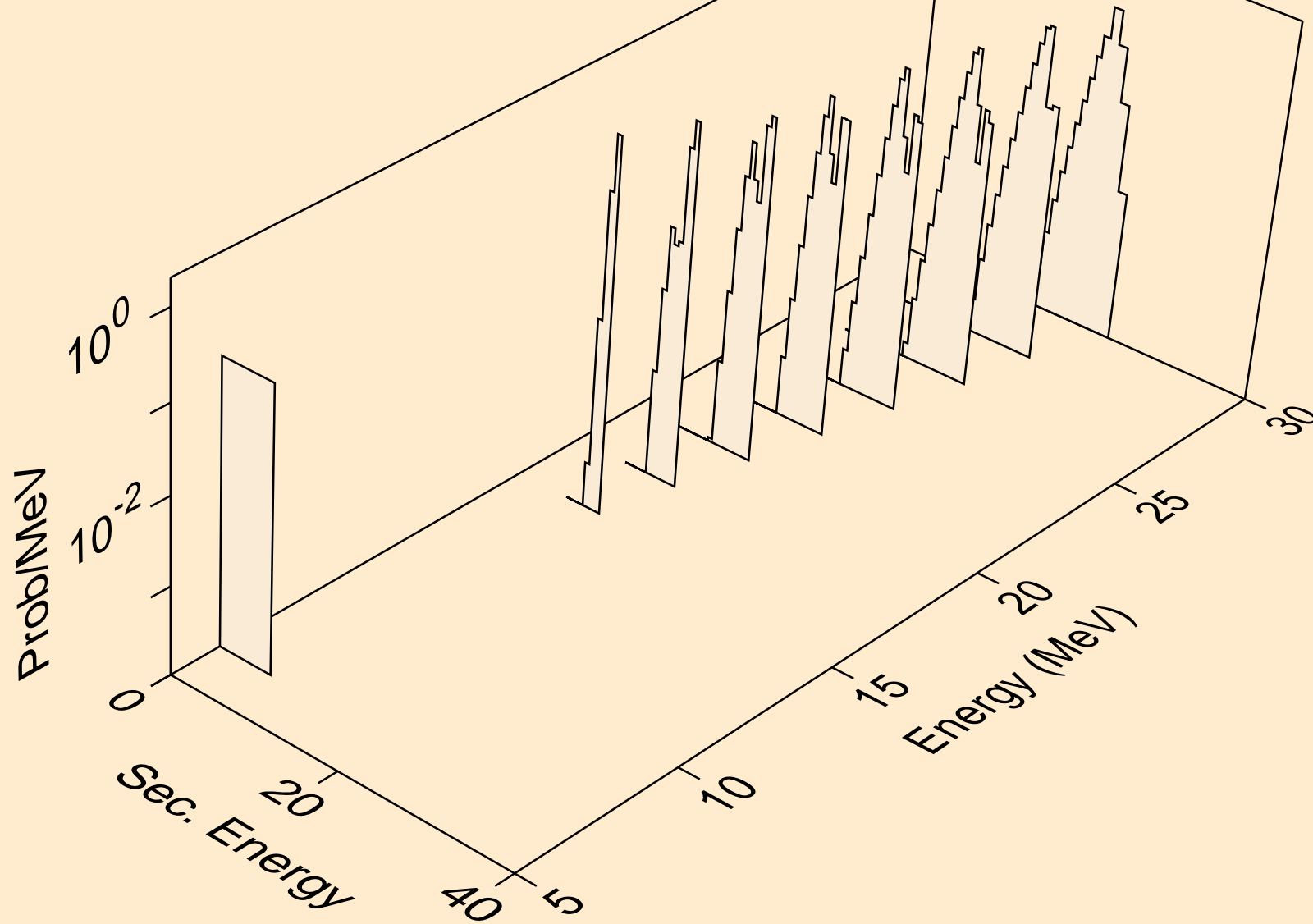
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



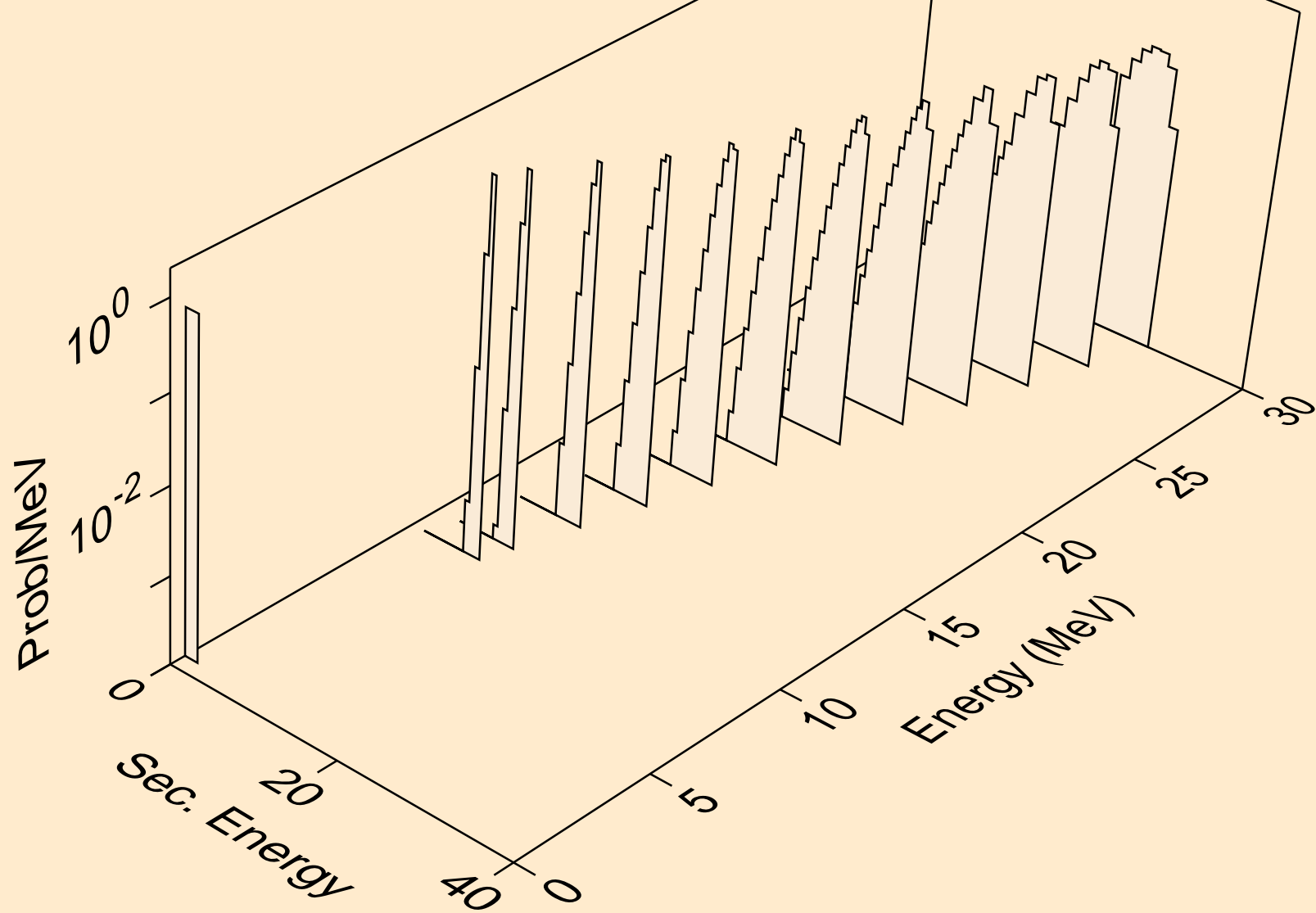
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

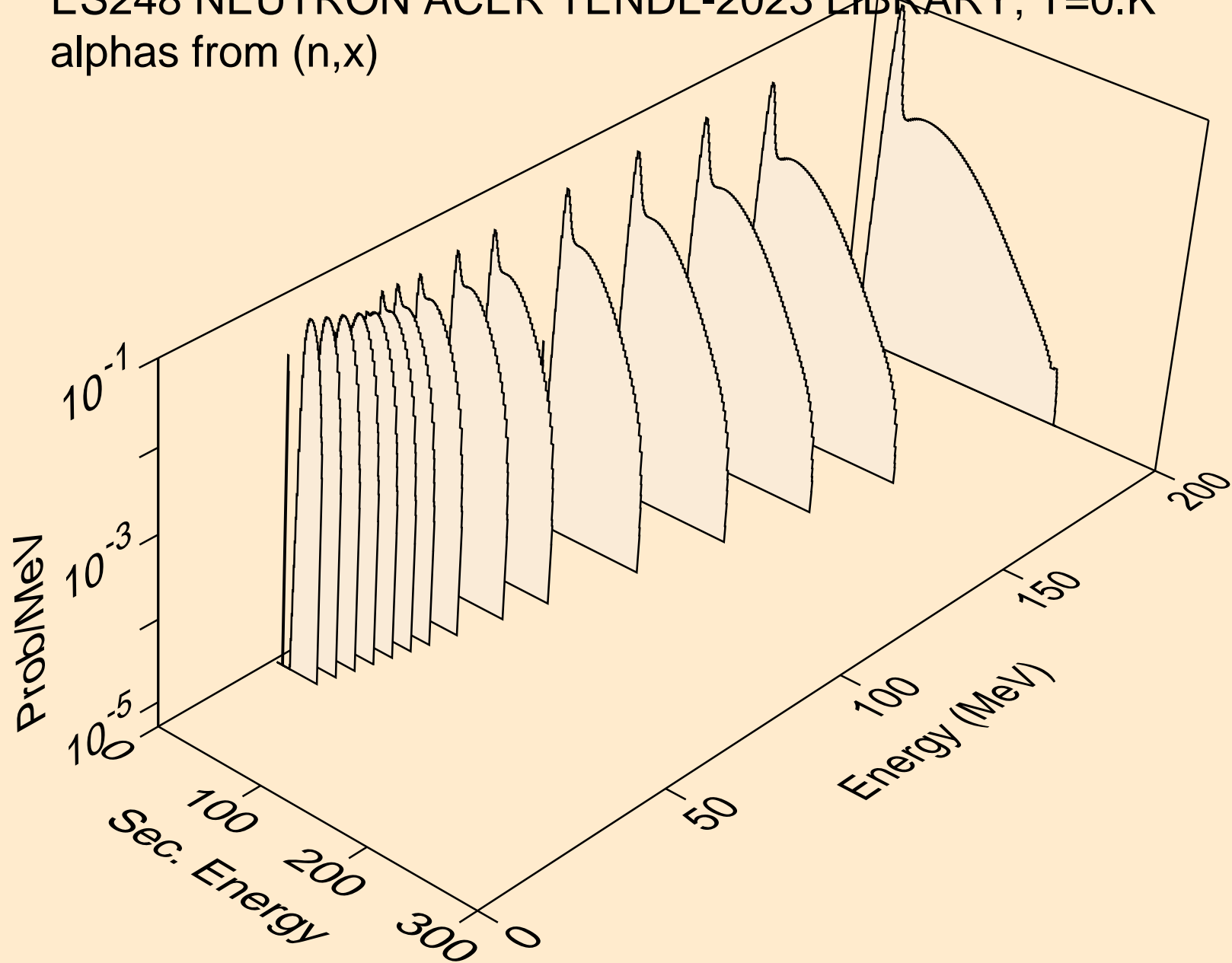


ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

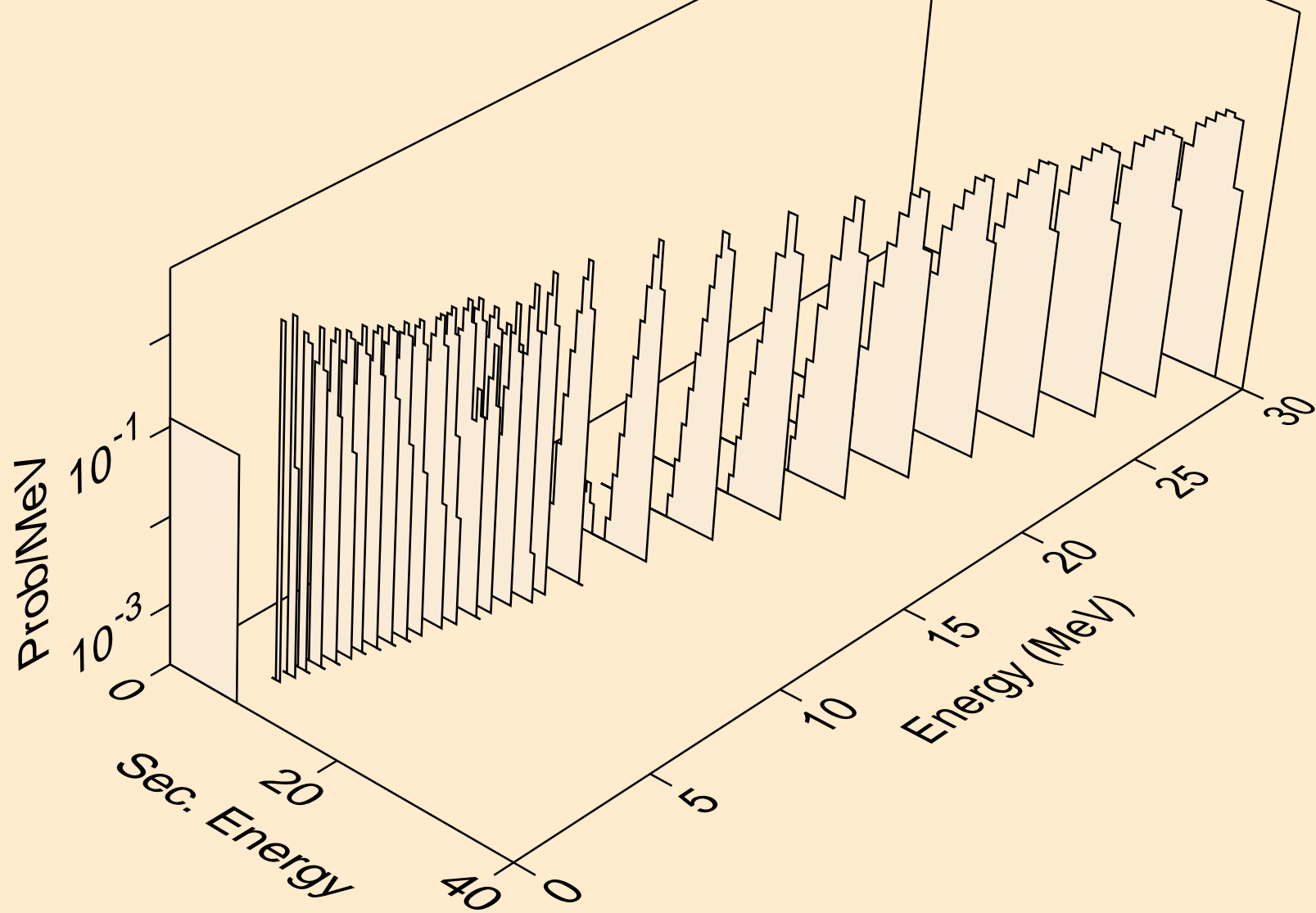




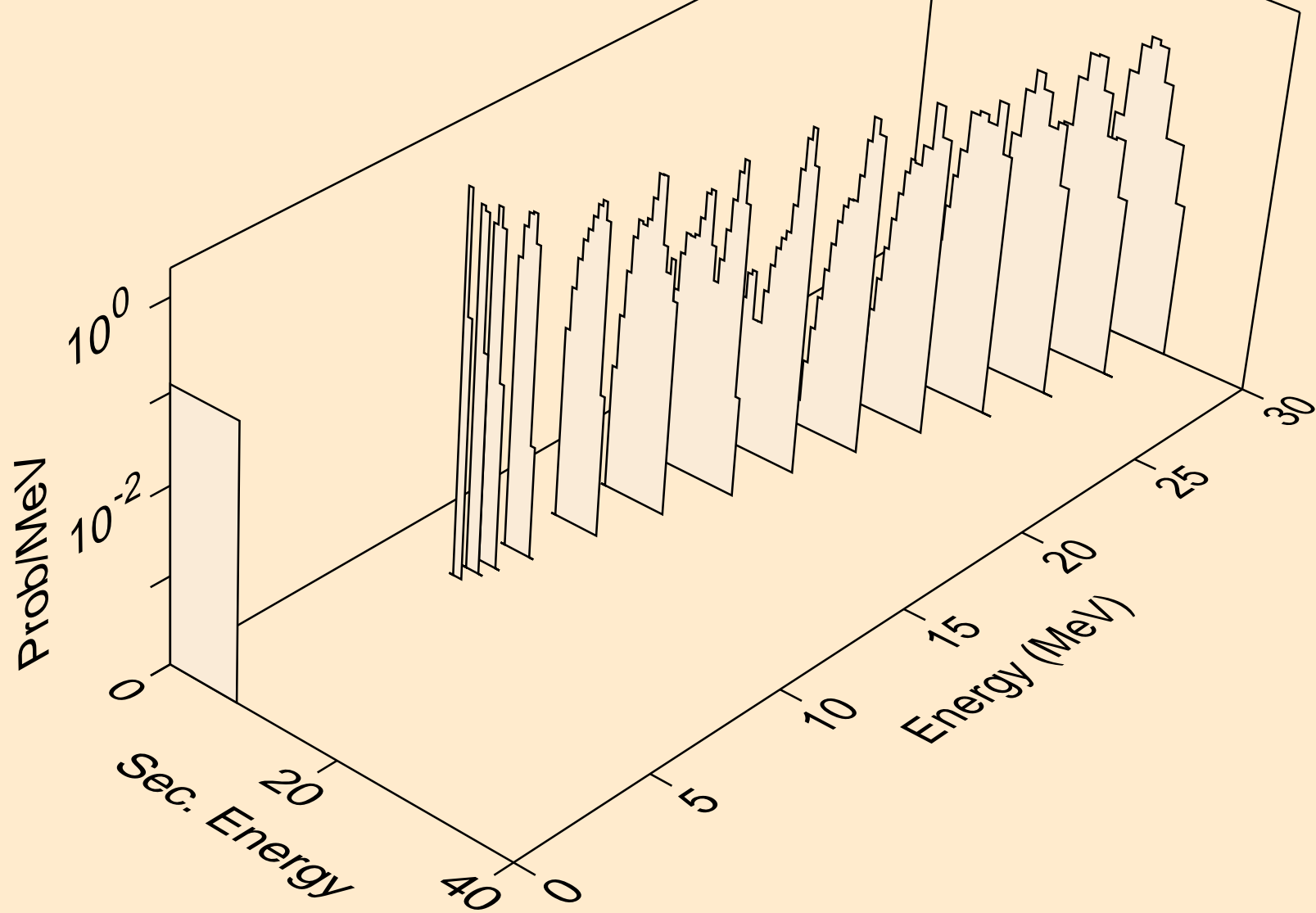
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



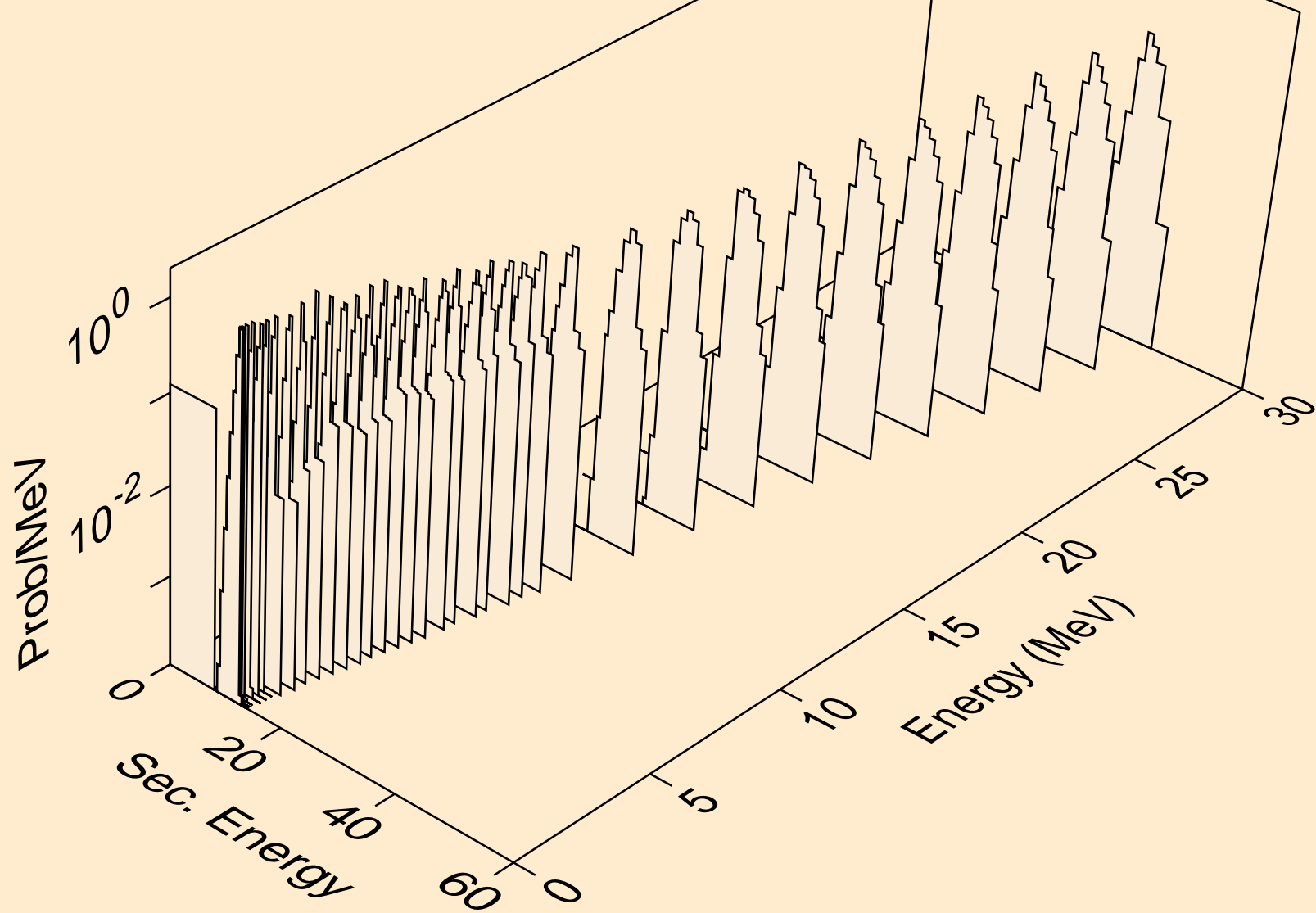
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



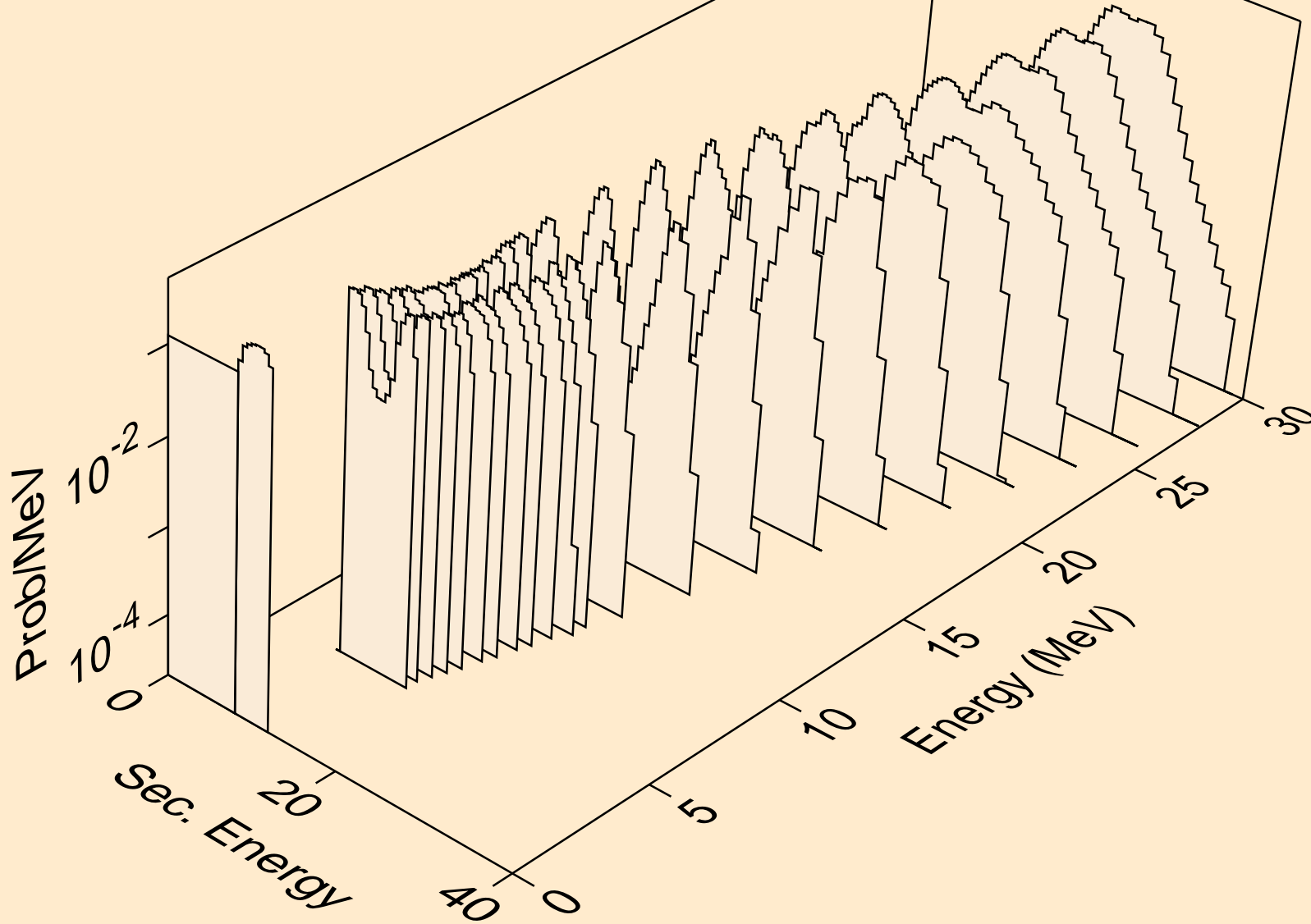
ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



ES248 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,p)

