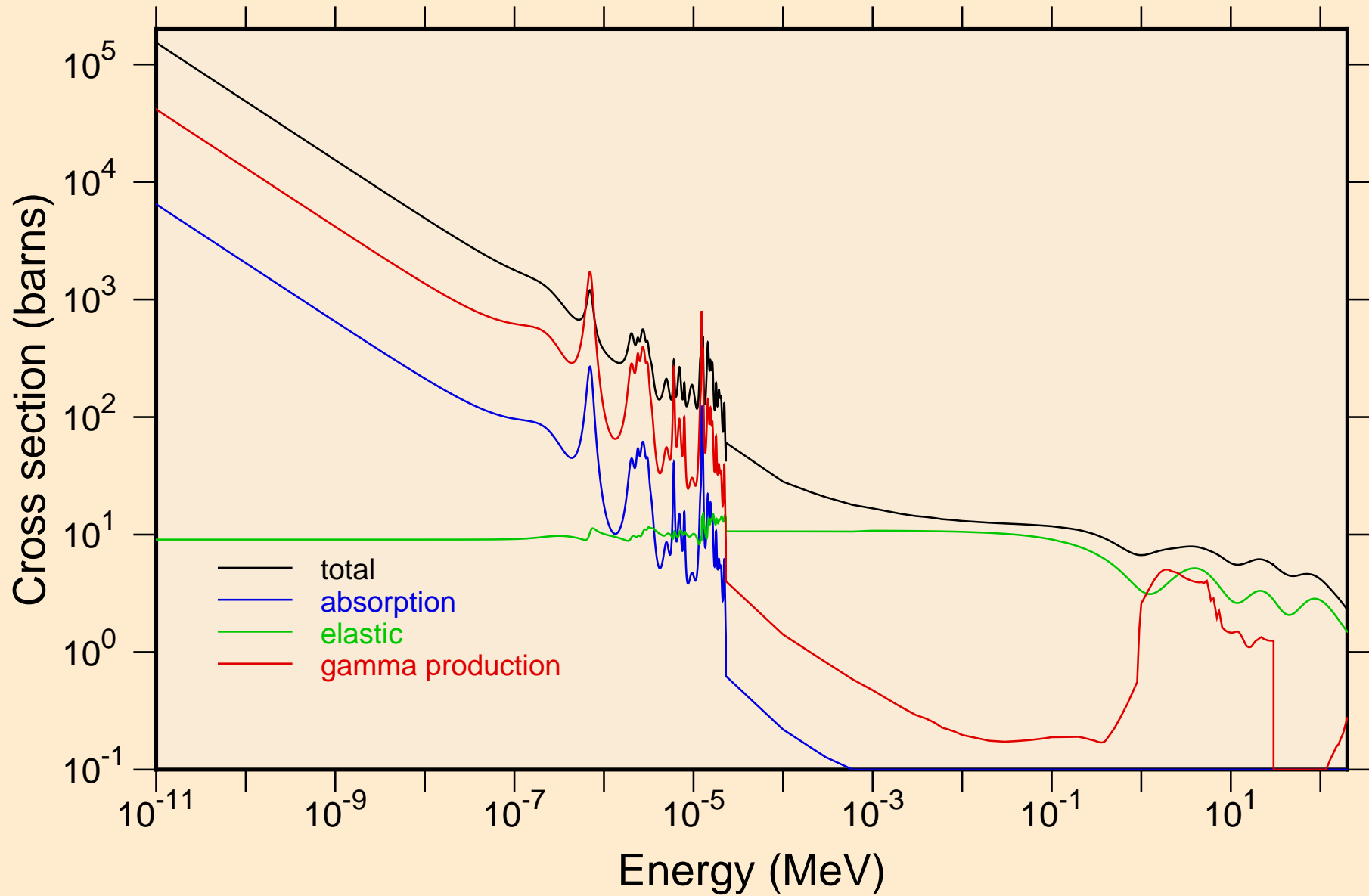
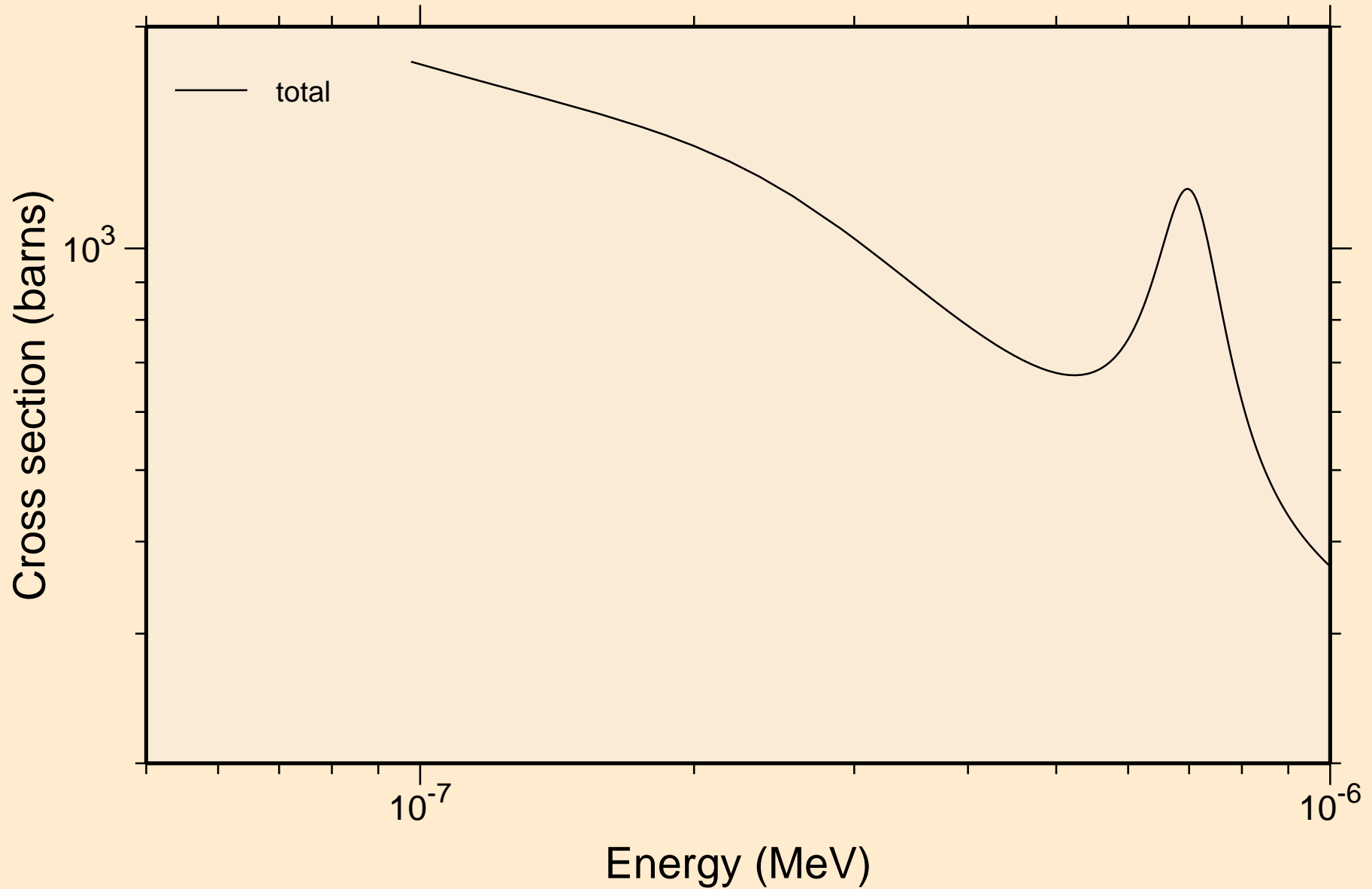


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

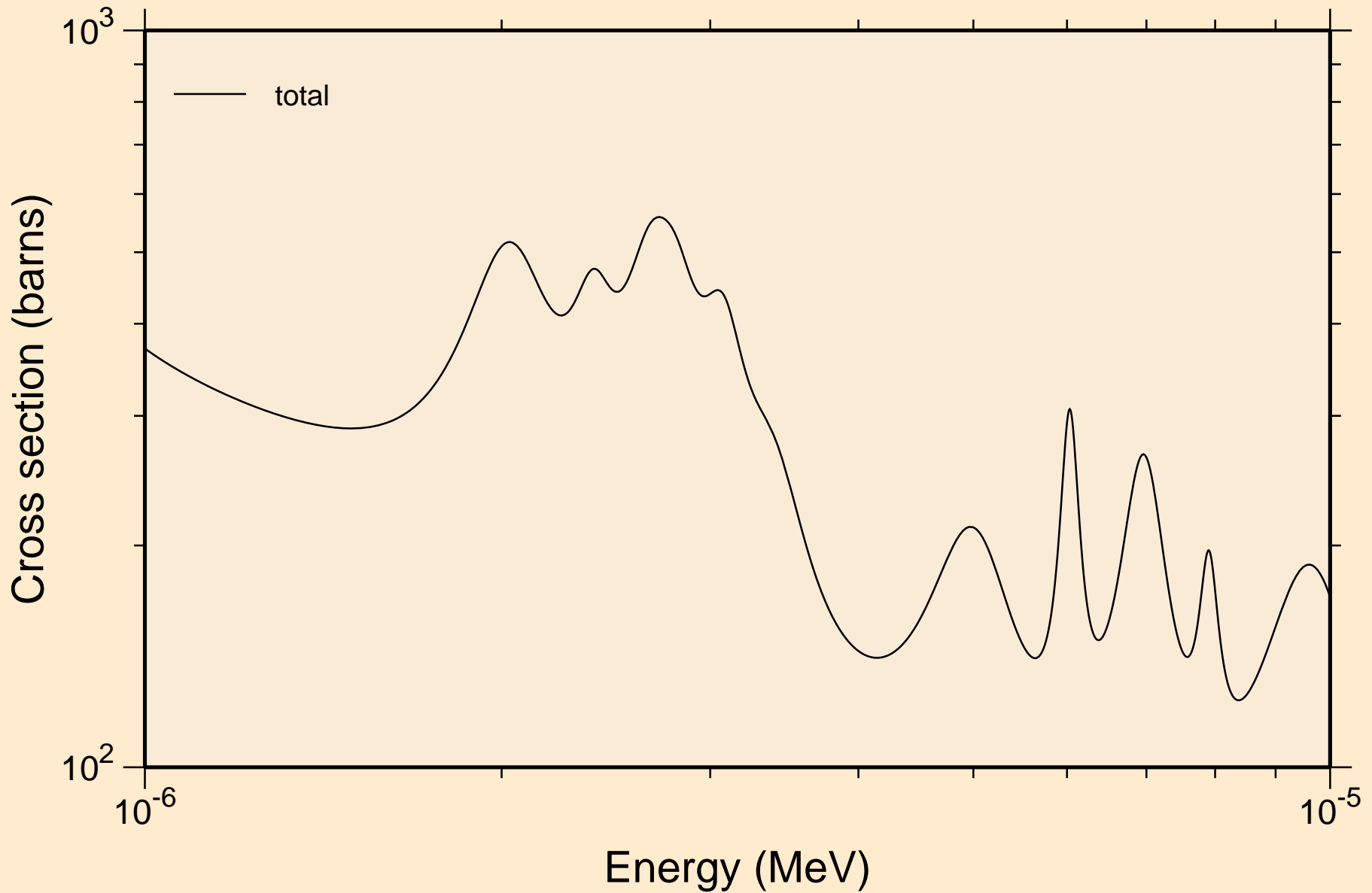
## Principal cross sections



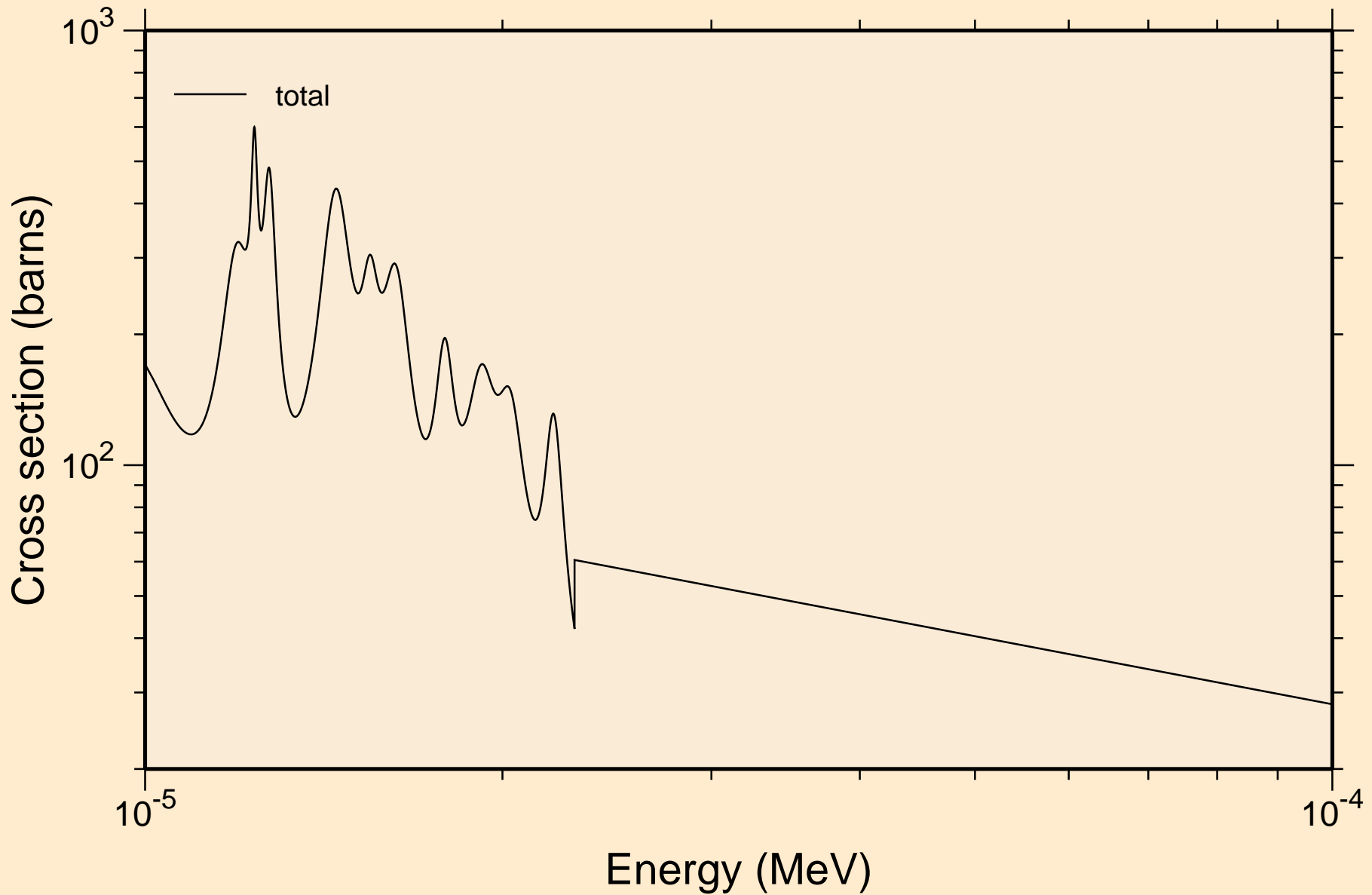
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



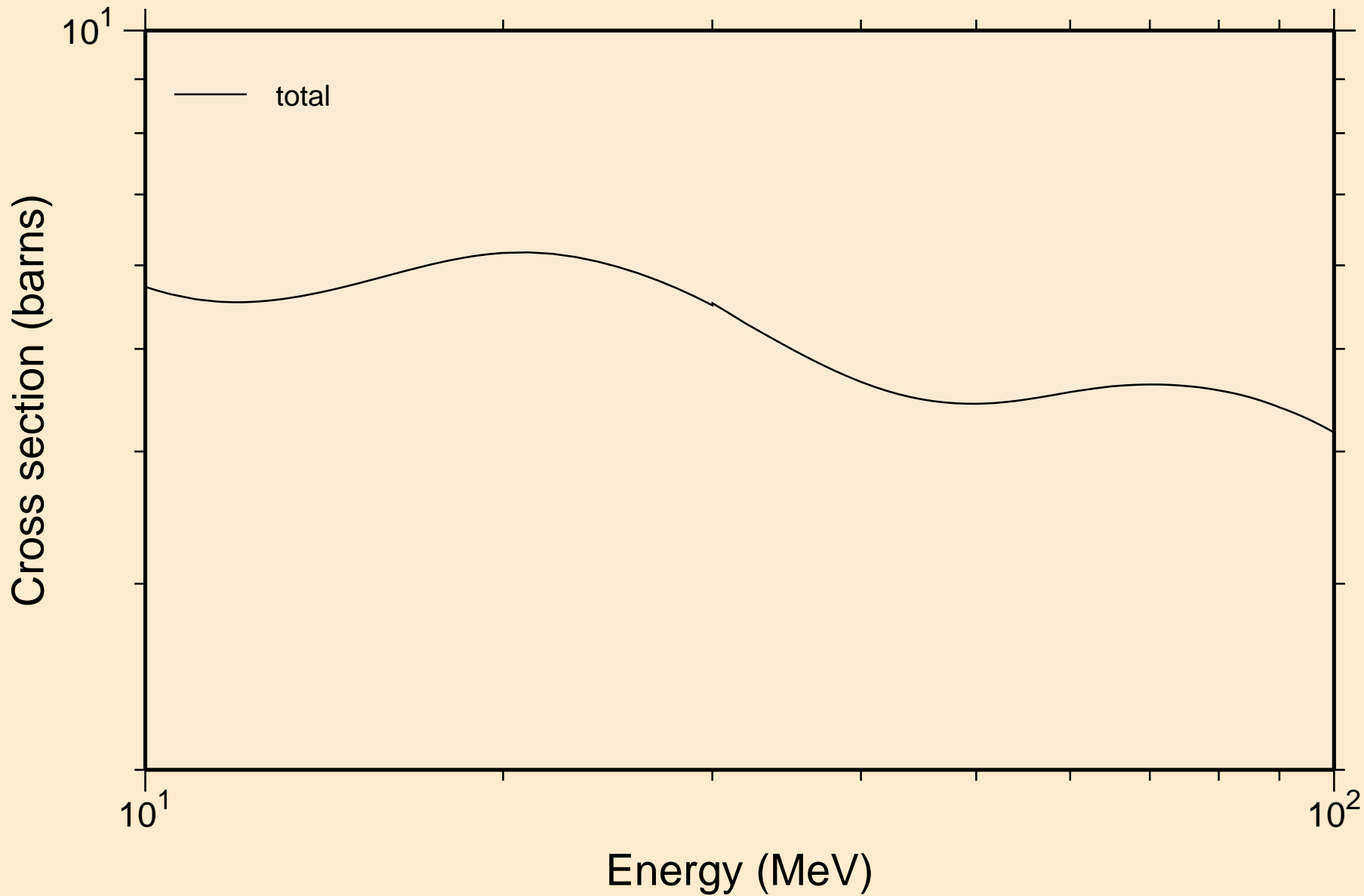
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



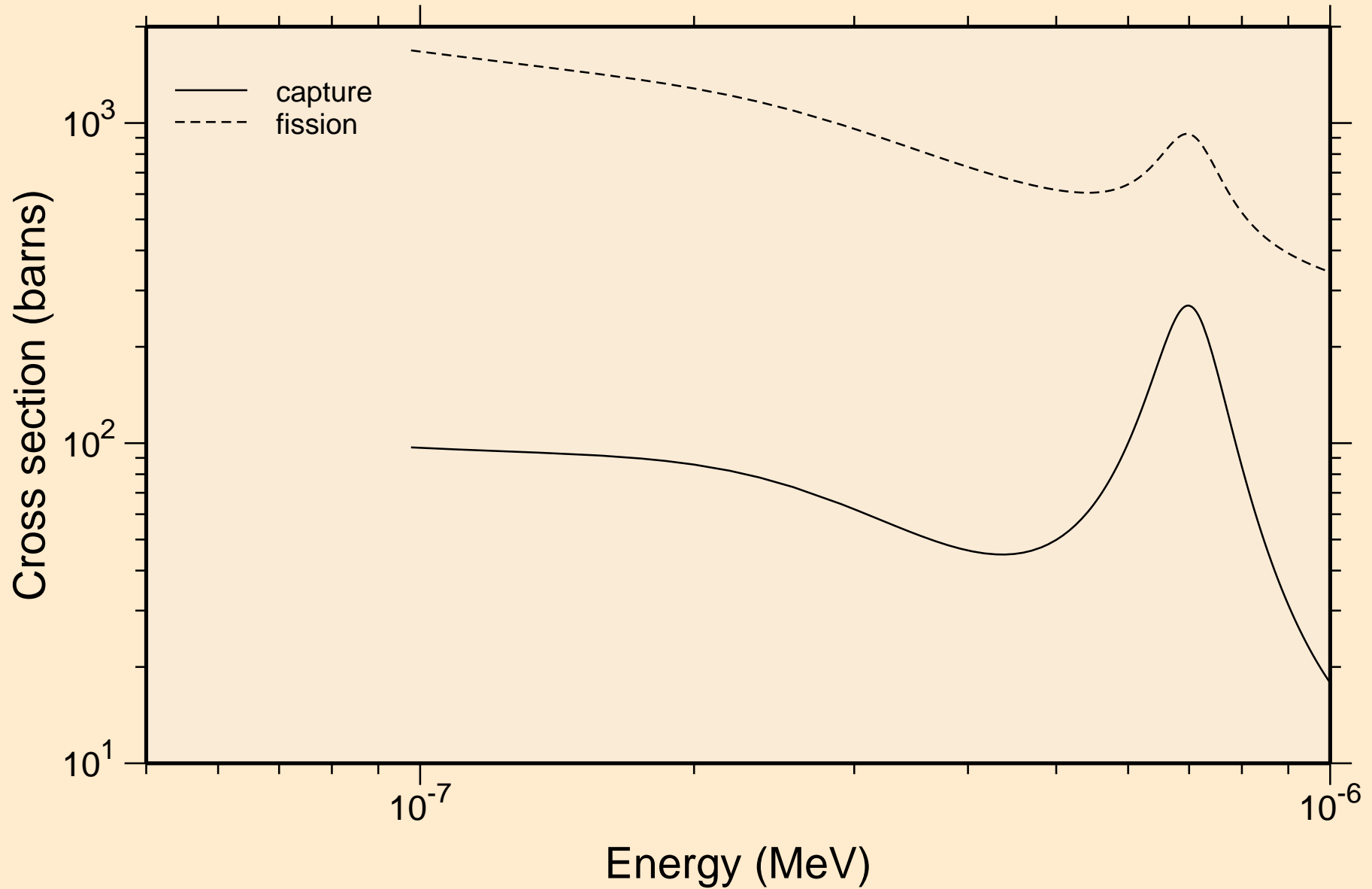
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



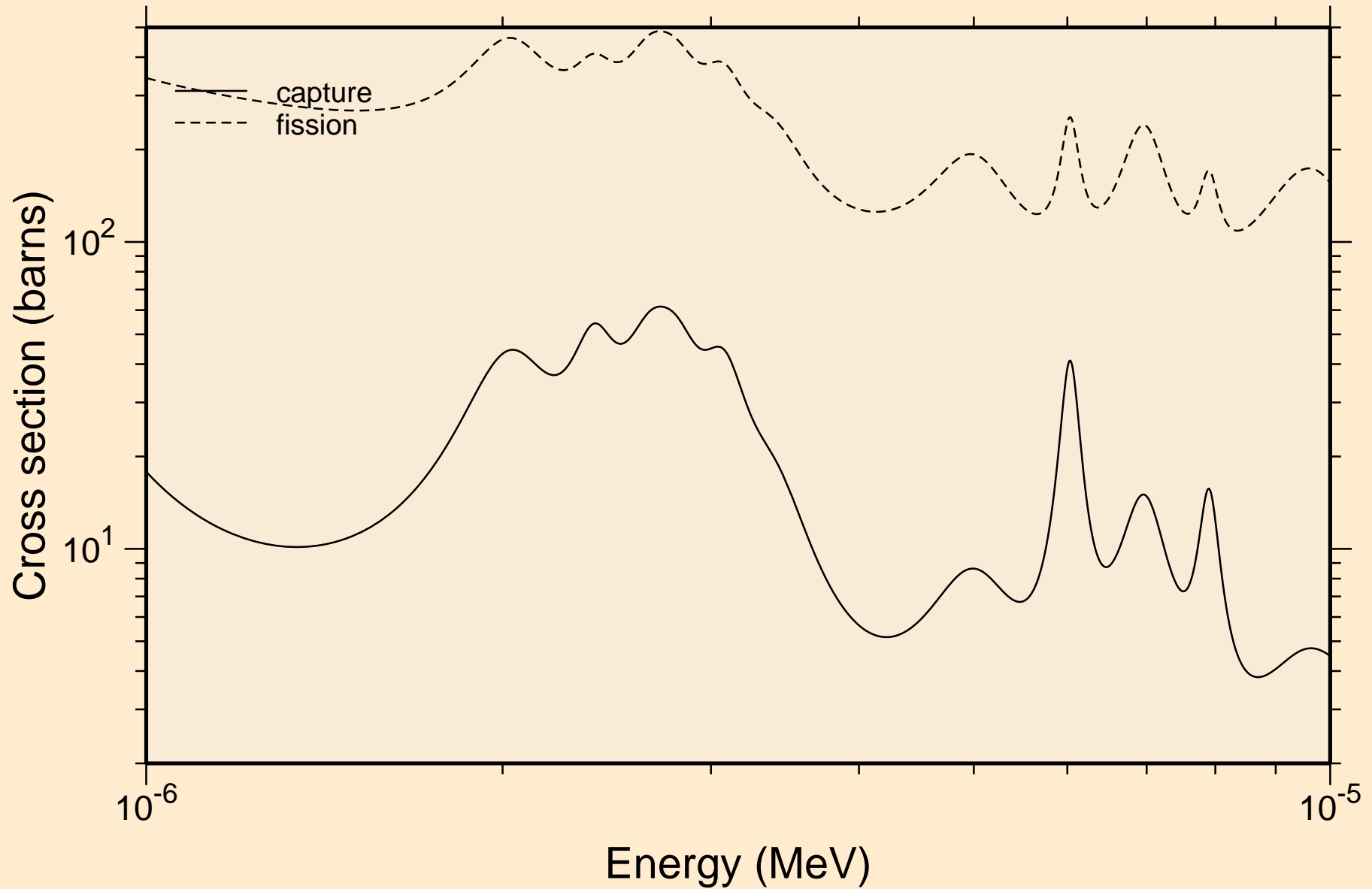
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



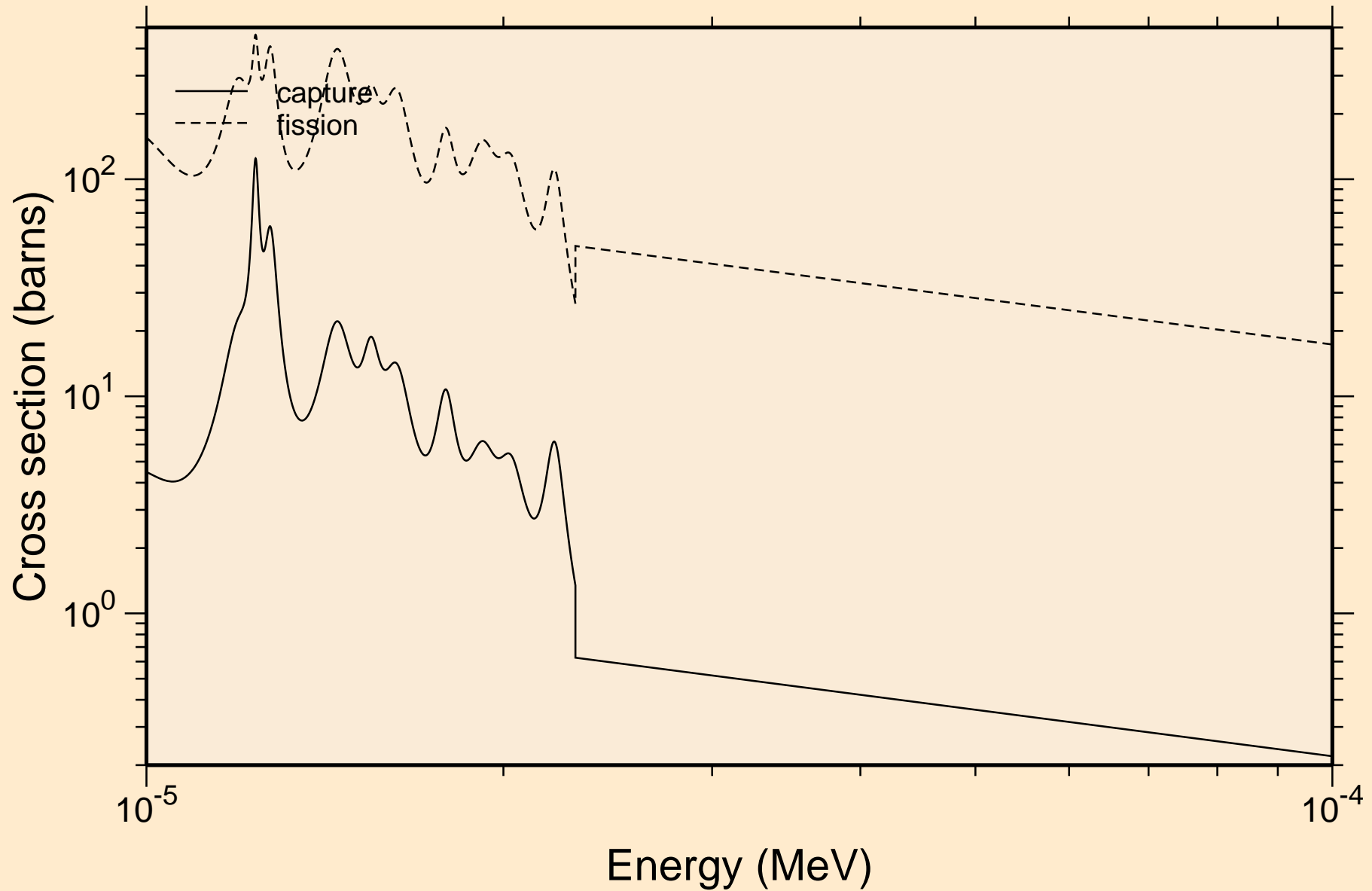
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

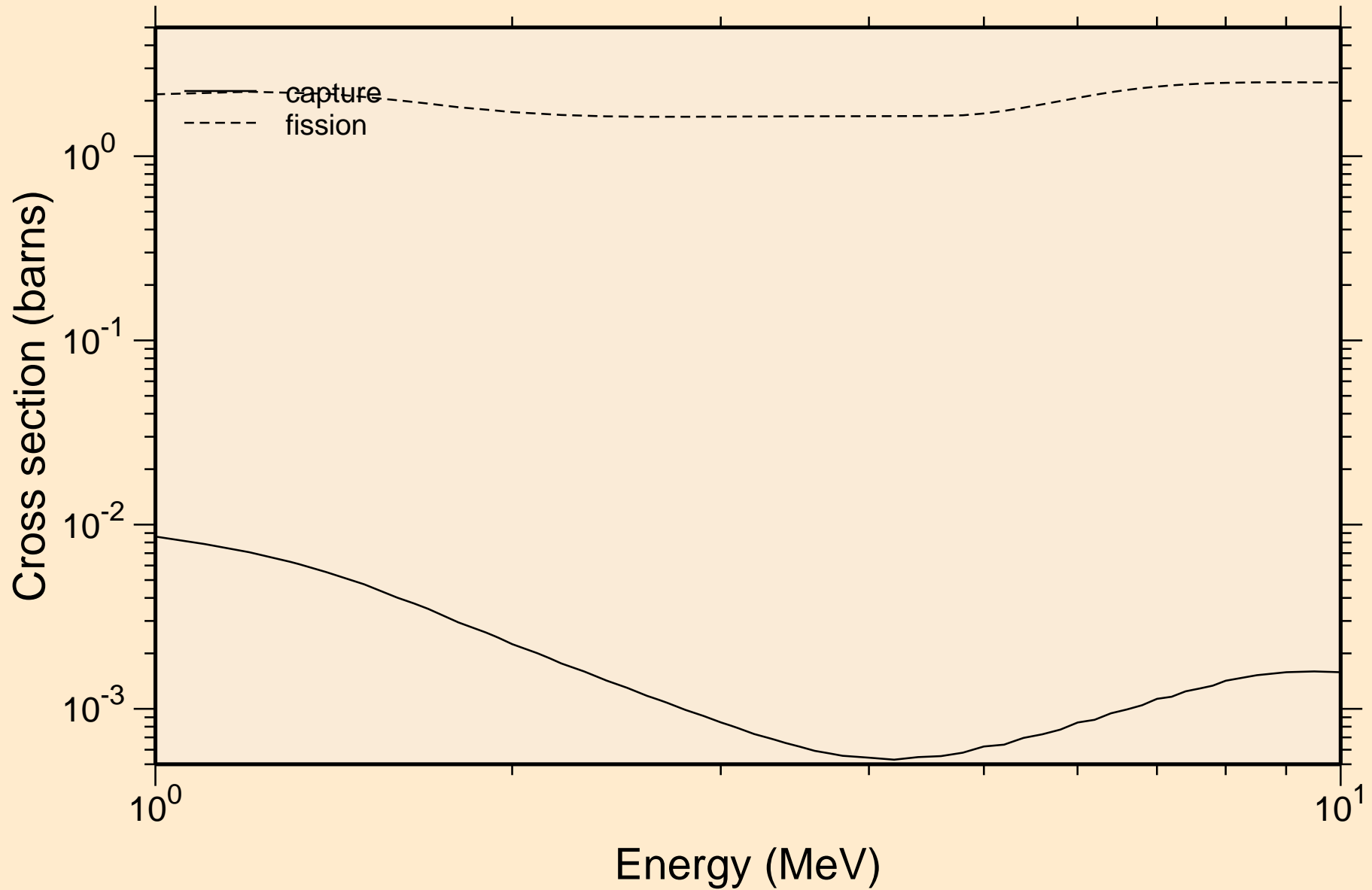


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



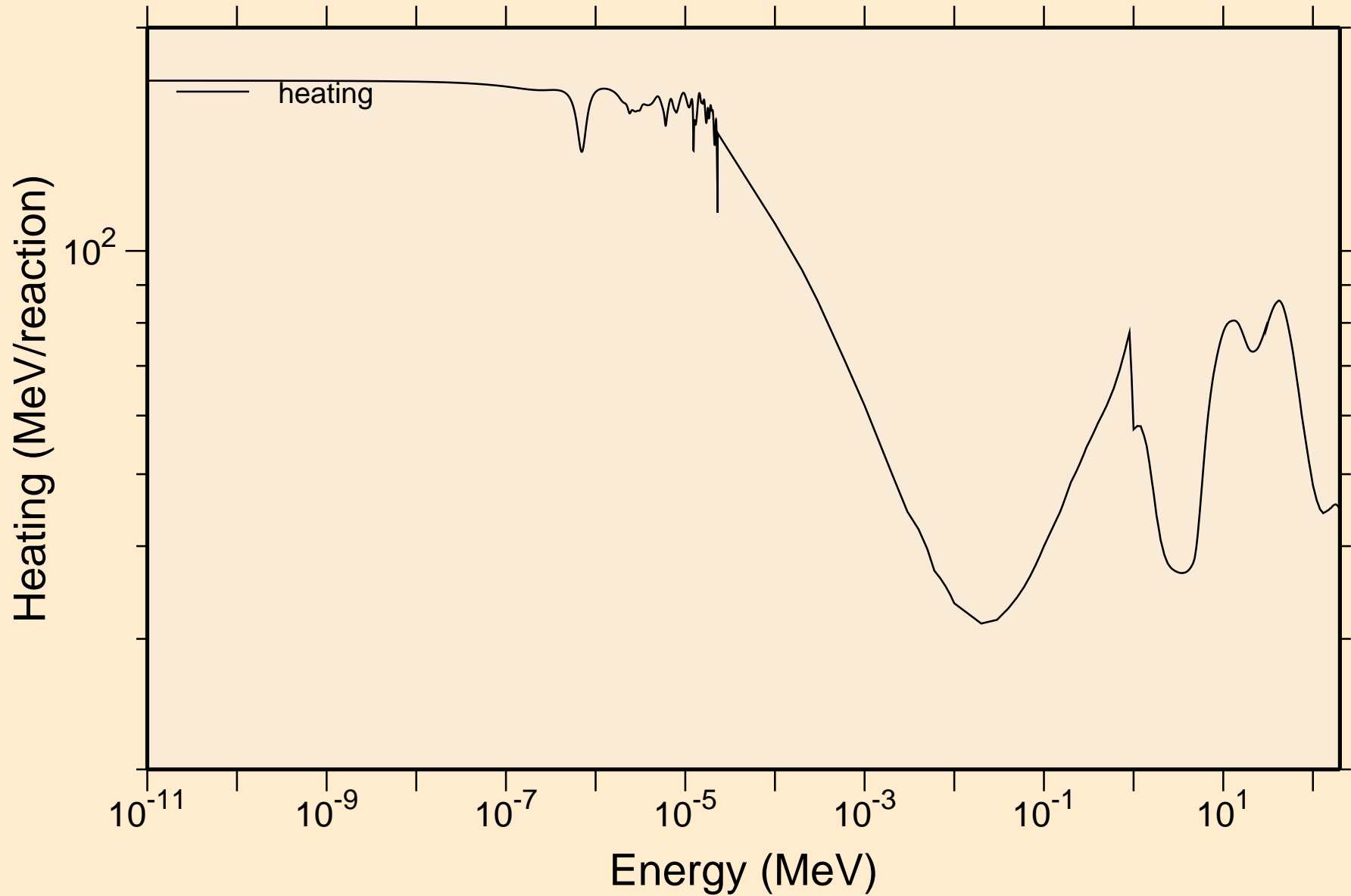


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



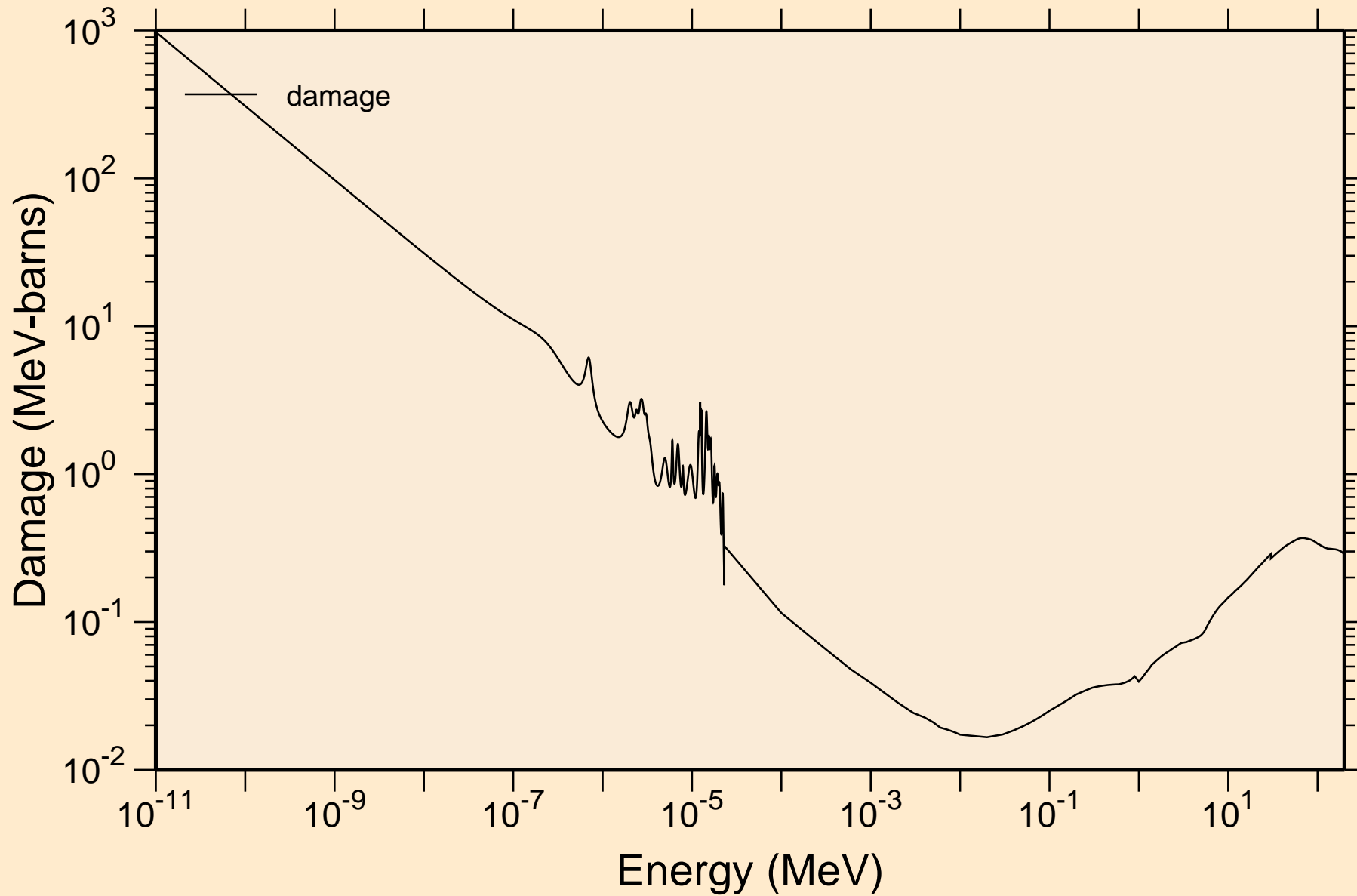
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



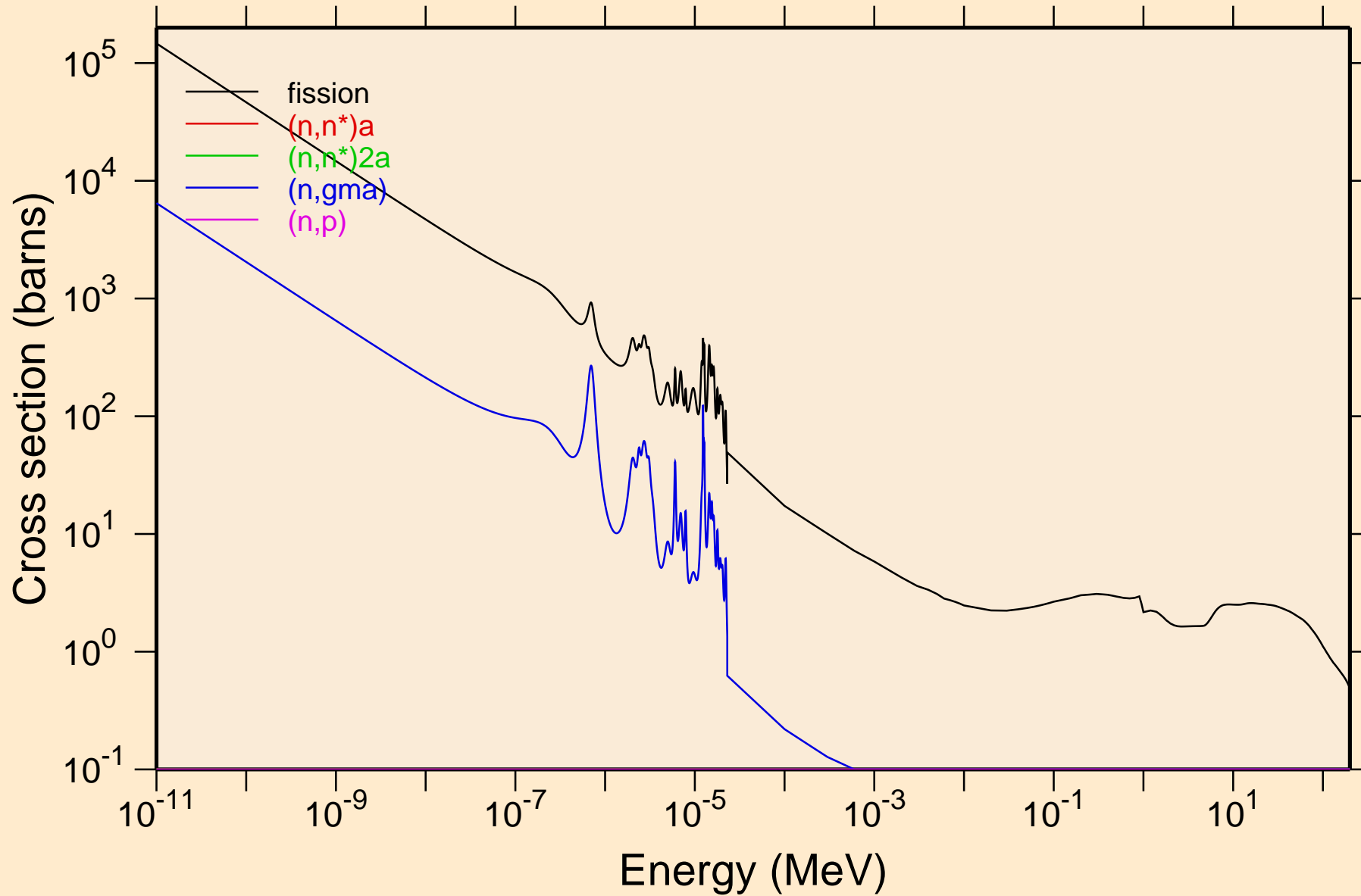
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



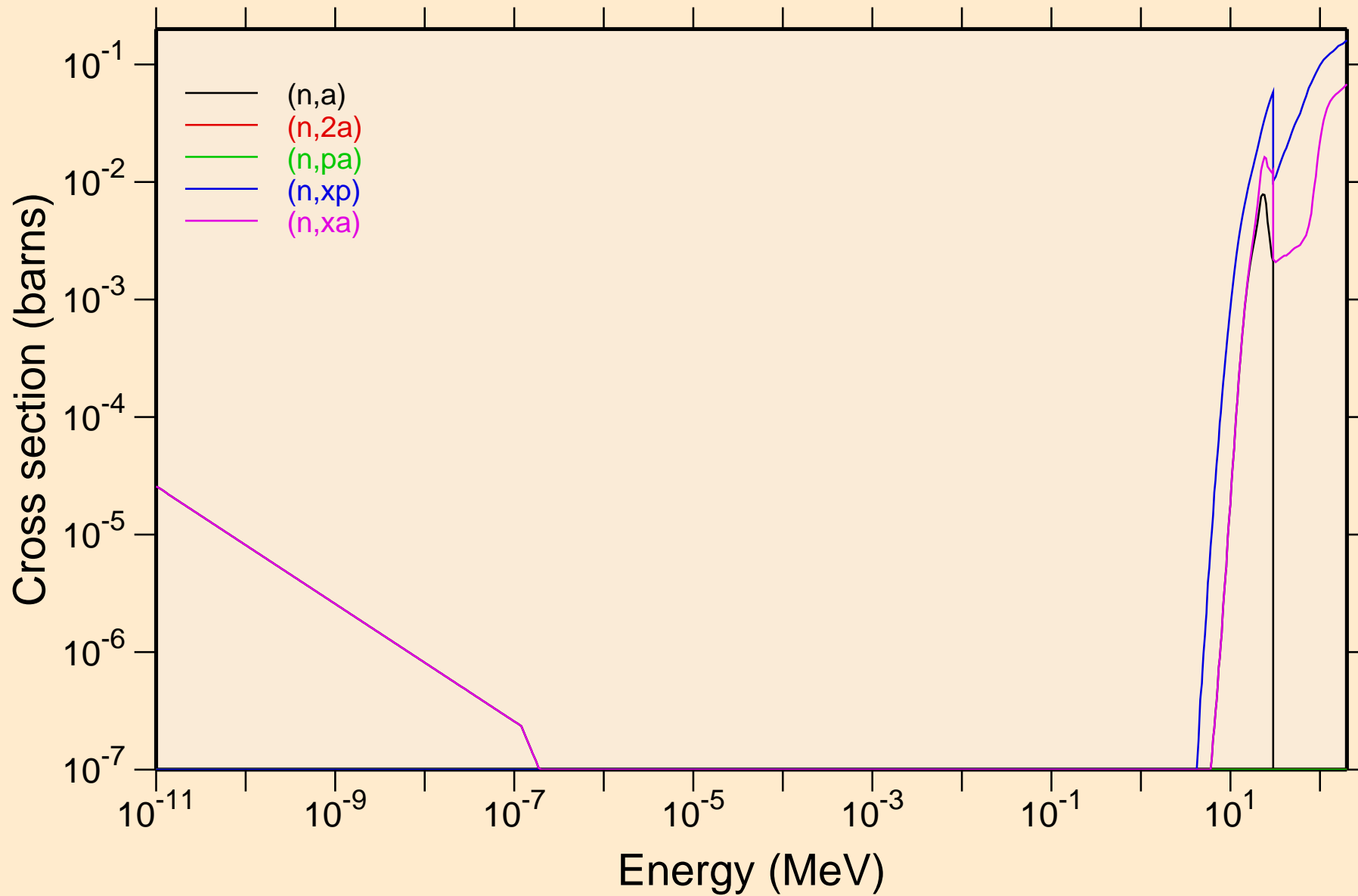
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



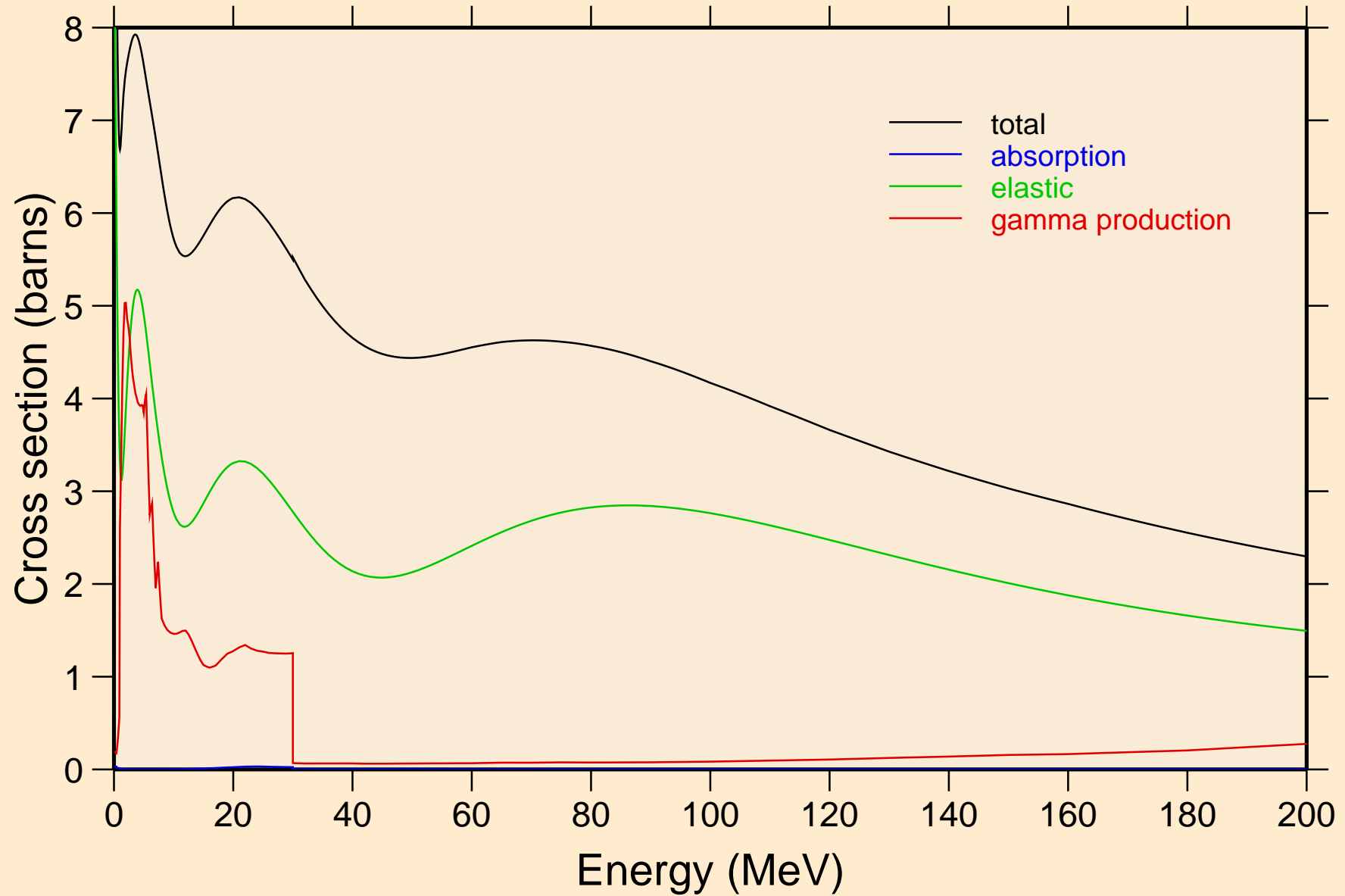
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



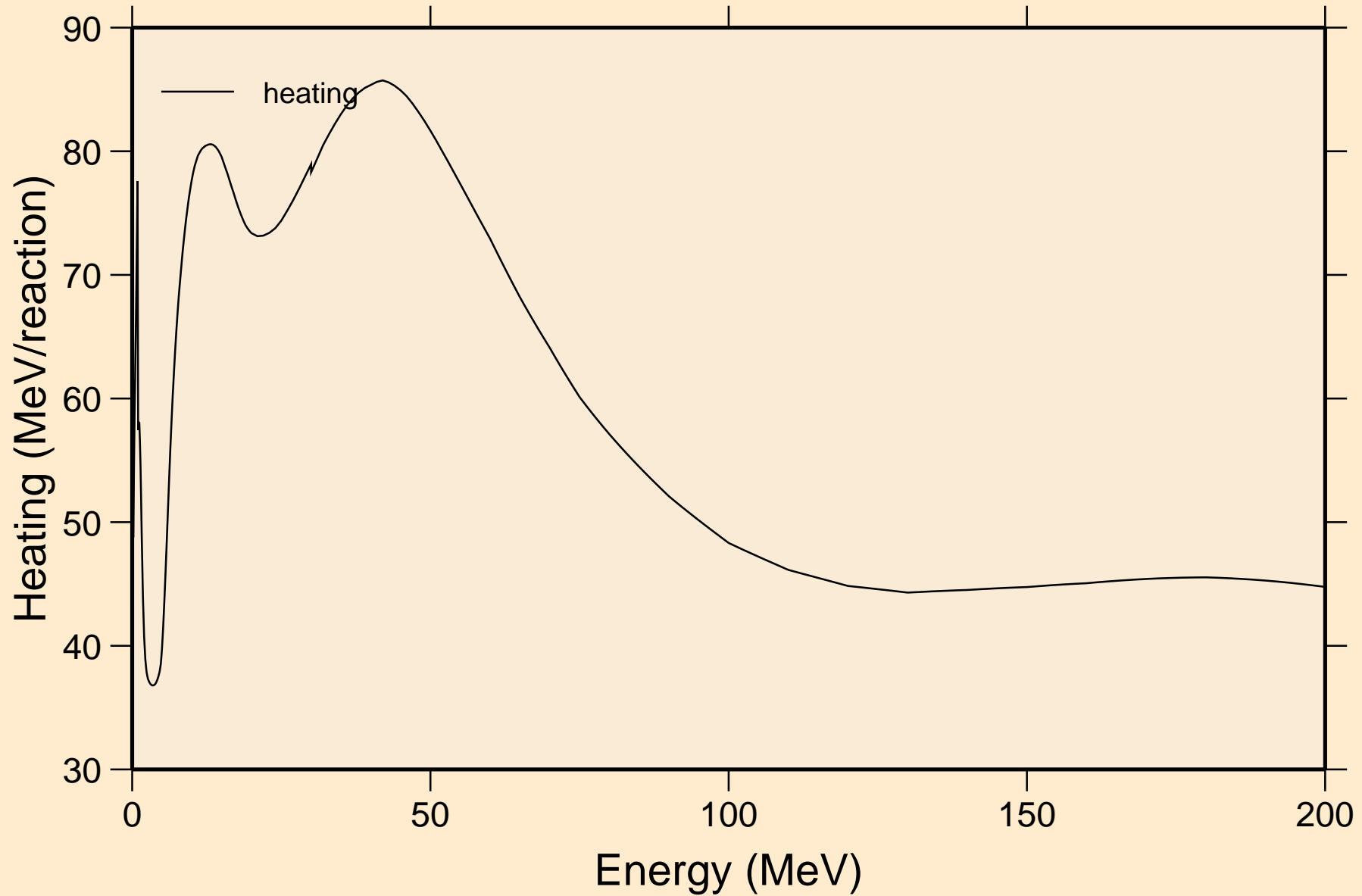
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



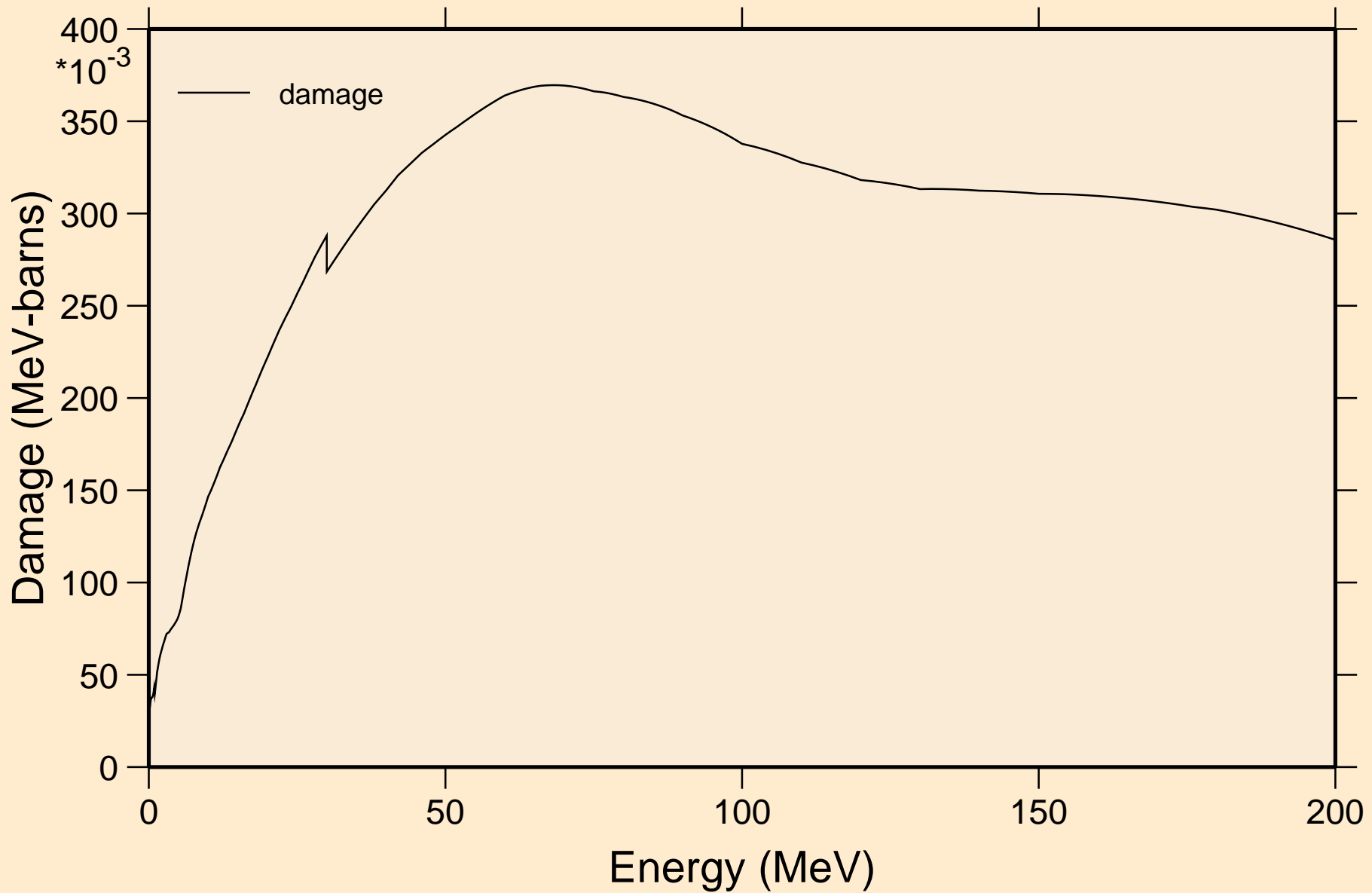
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

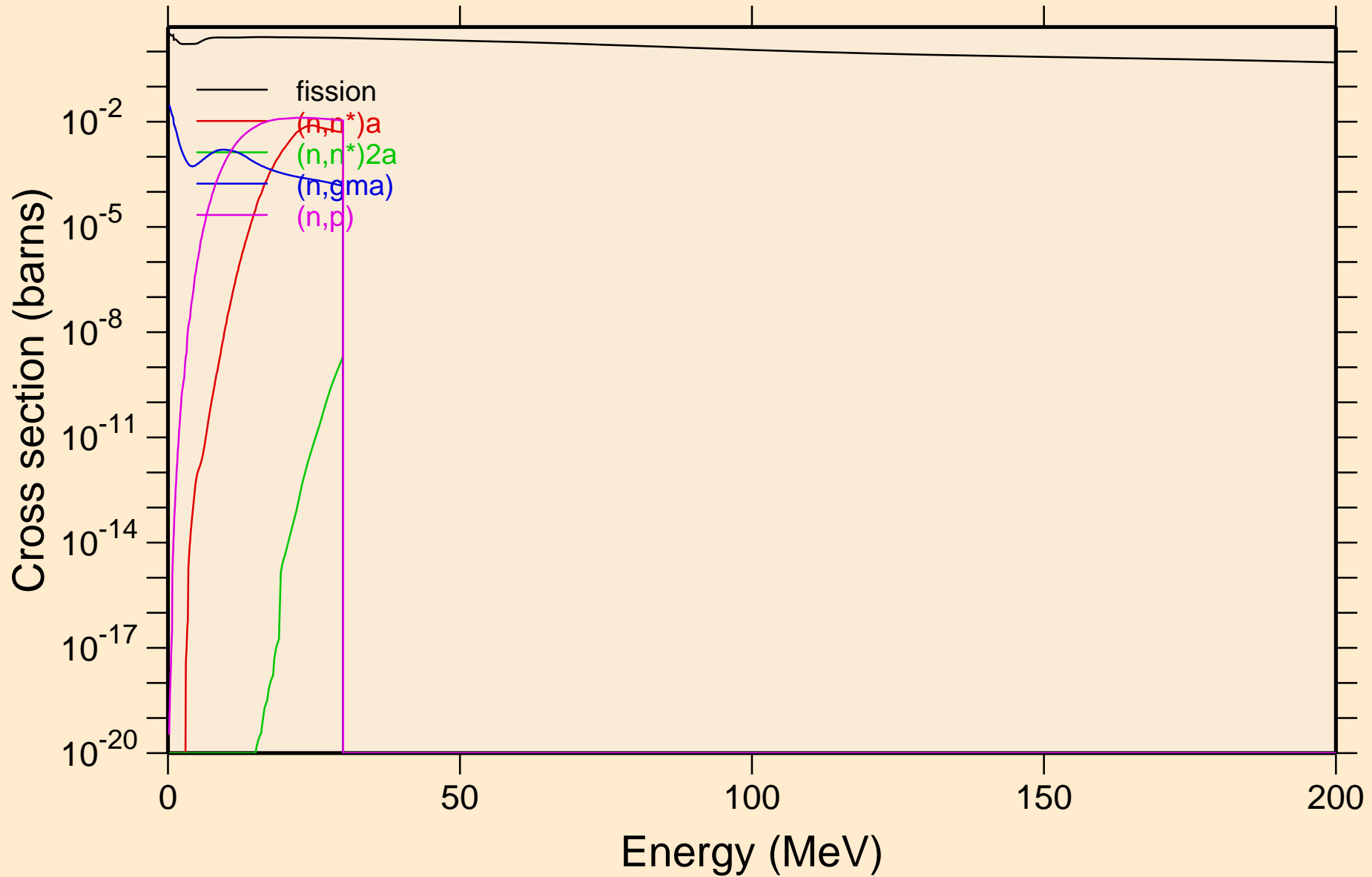
## Damage





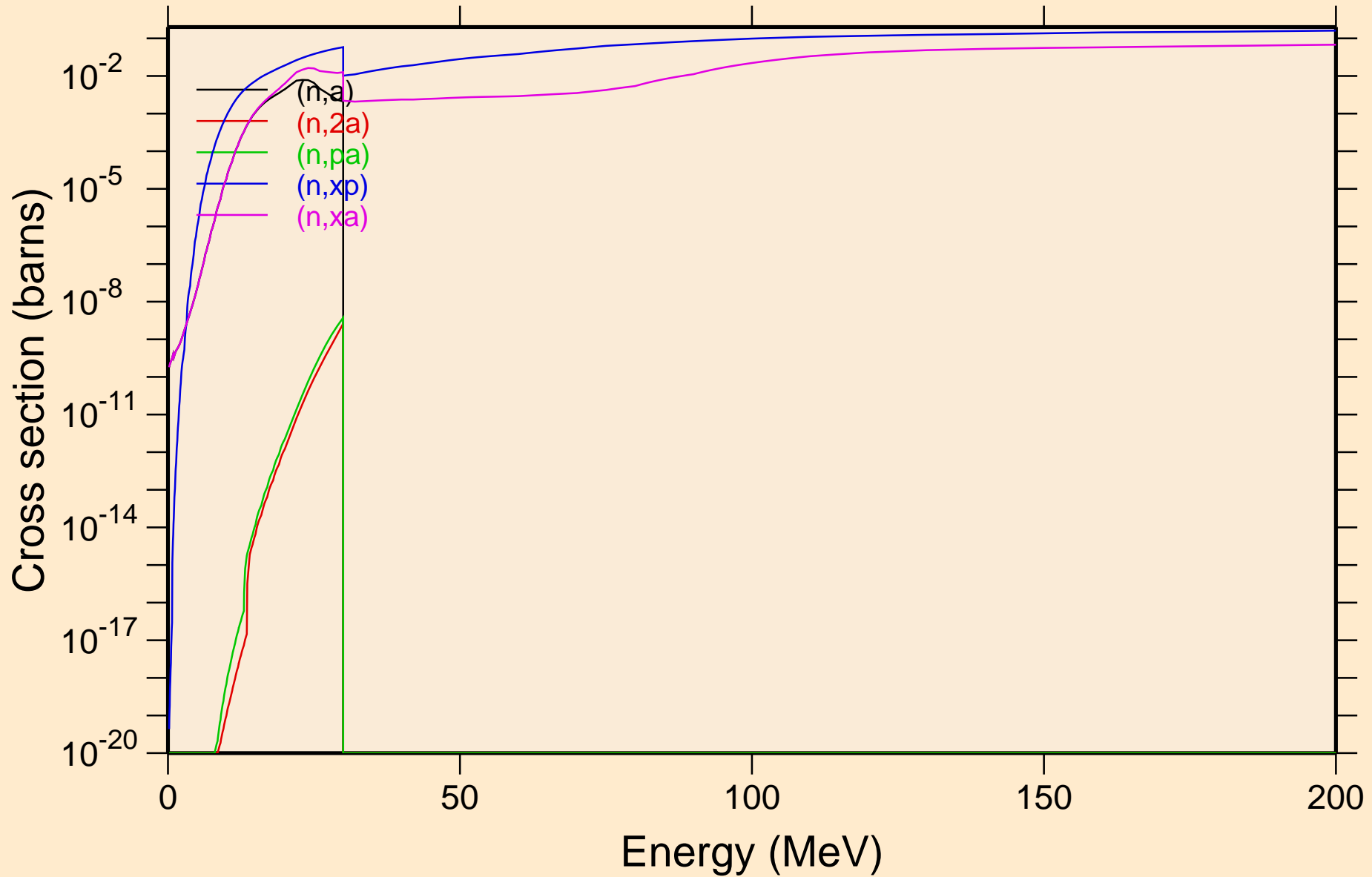
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

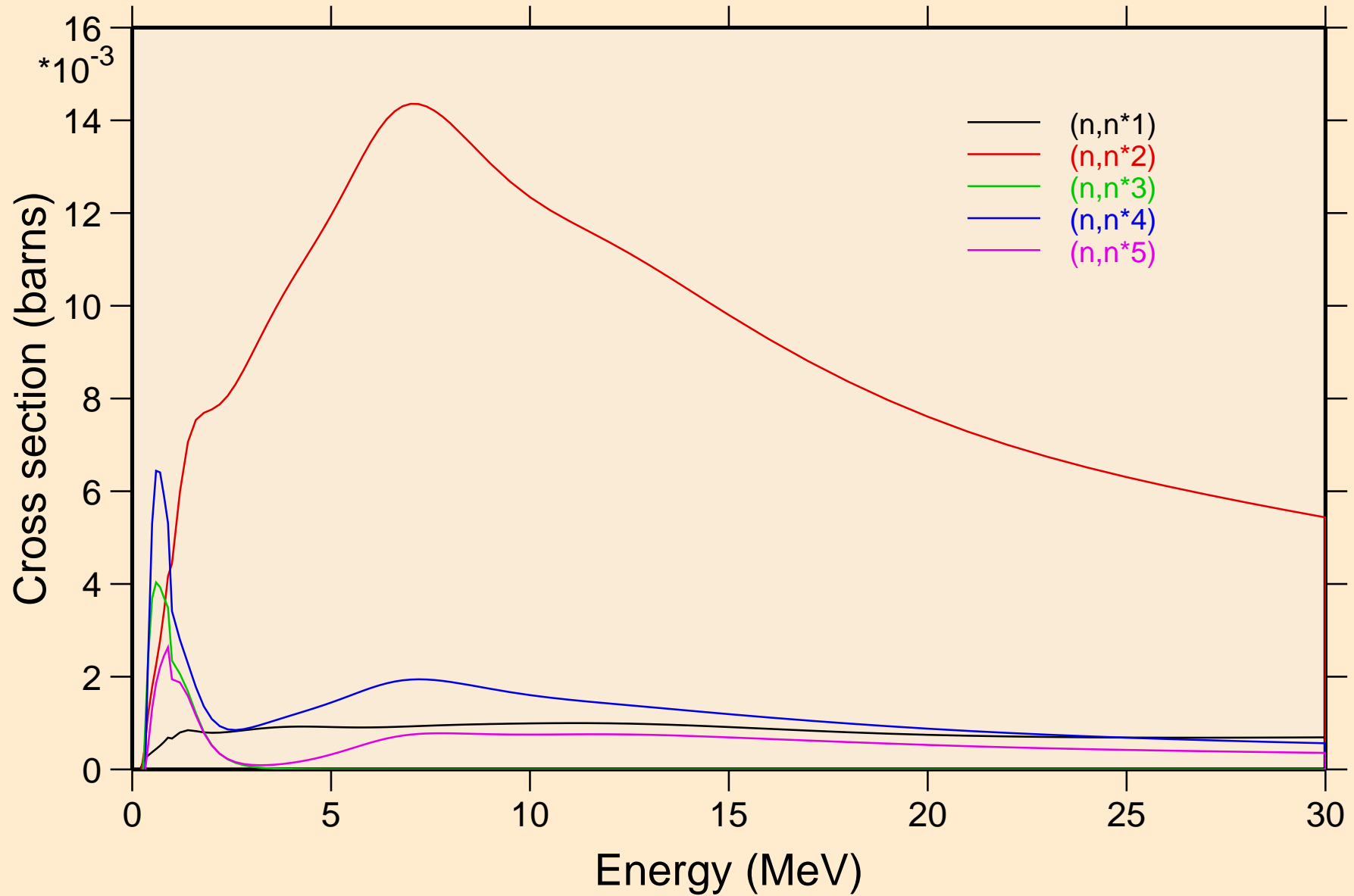


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

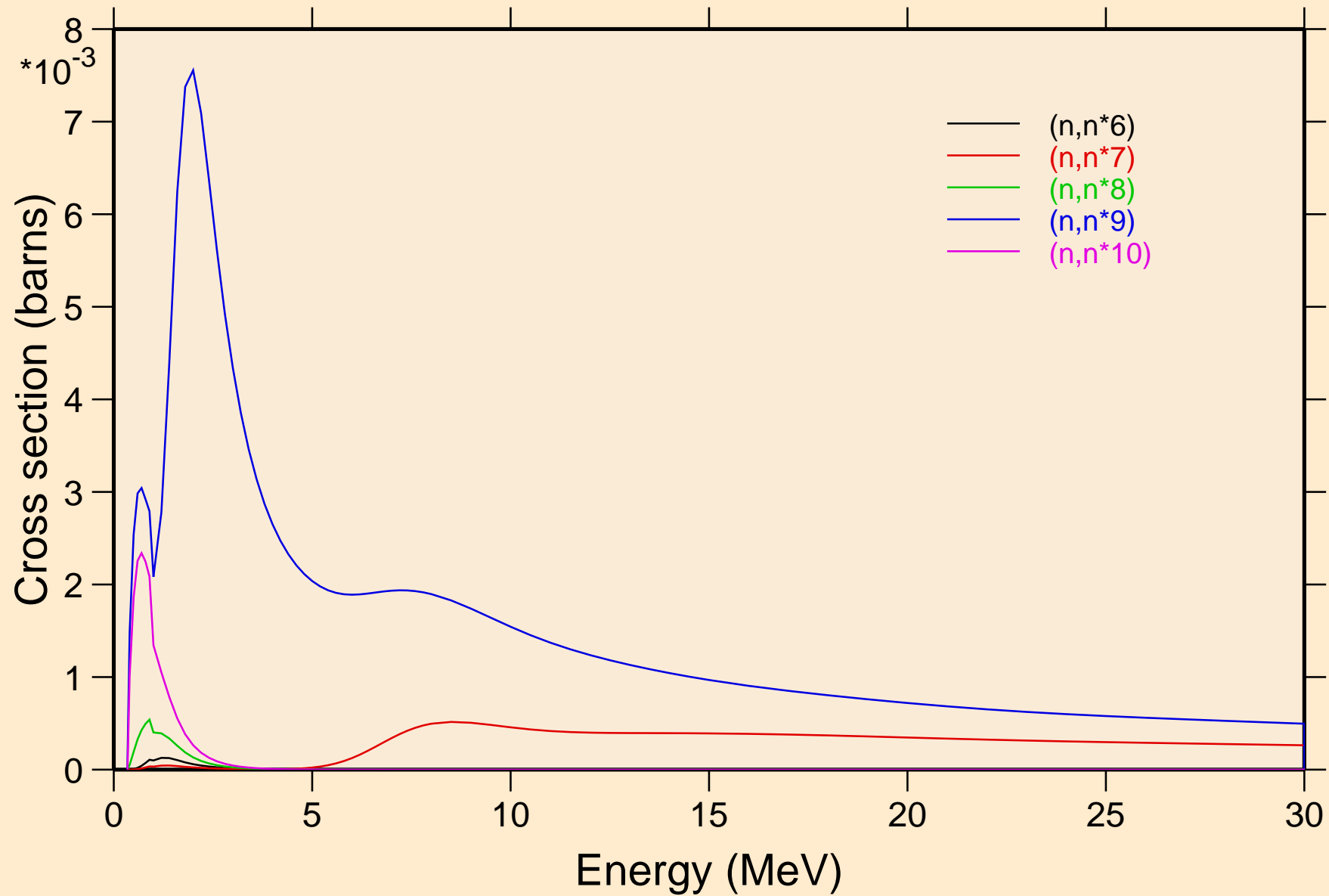
## Non-threshold reactions



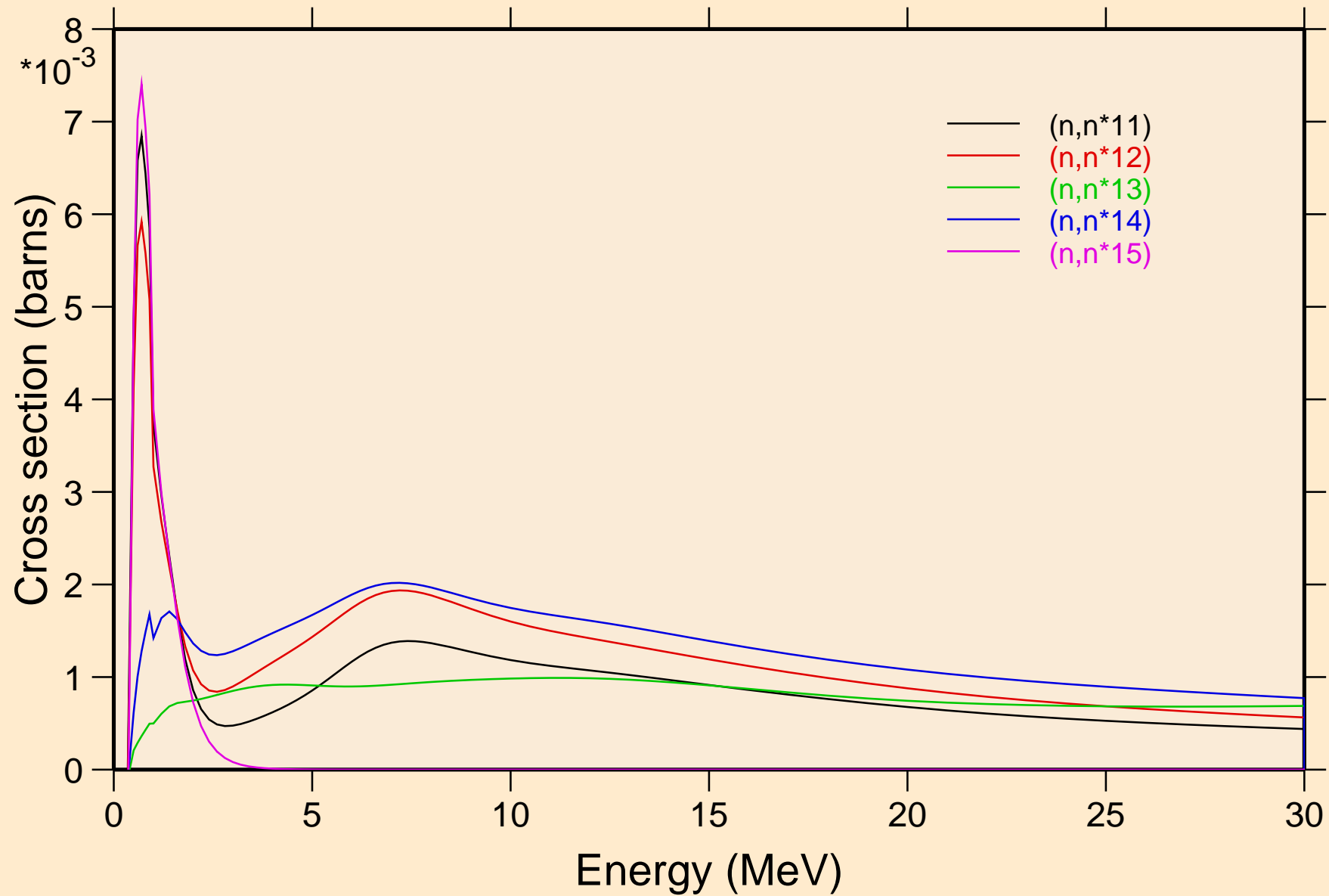
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



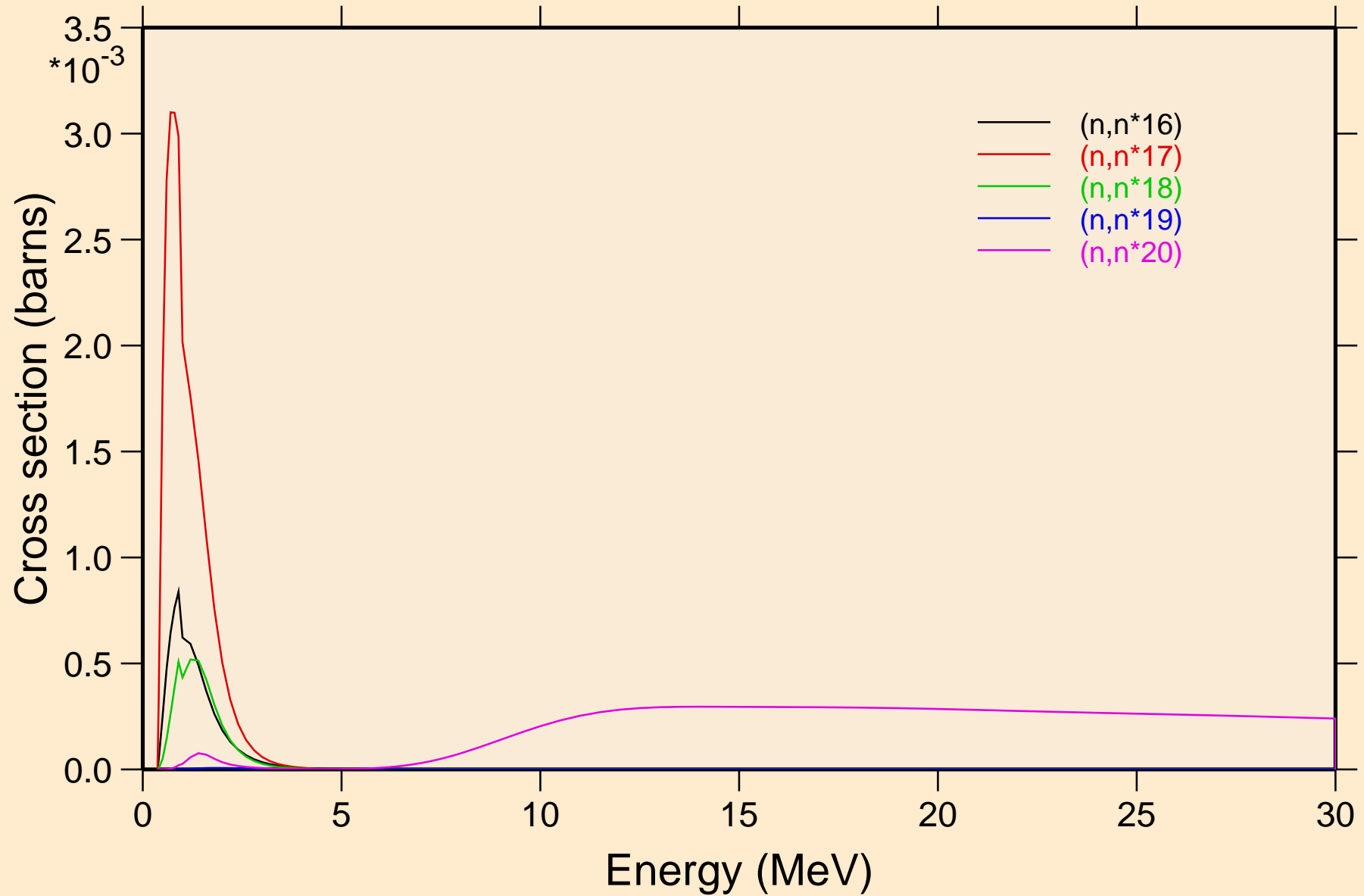
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



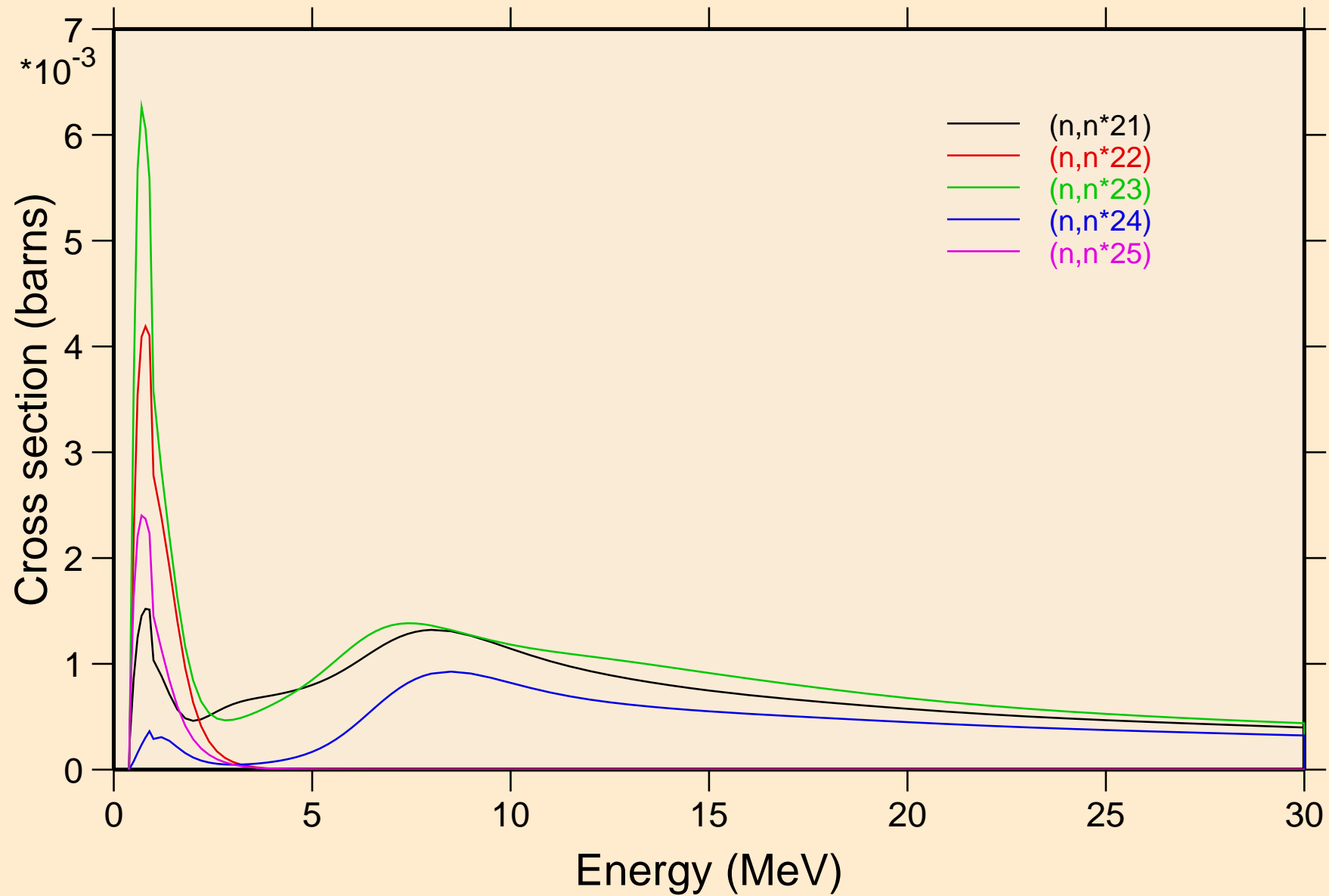
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



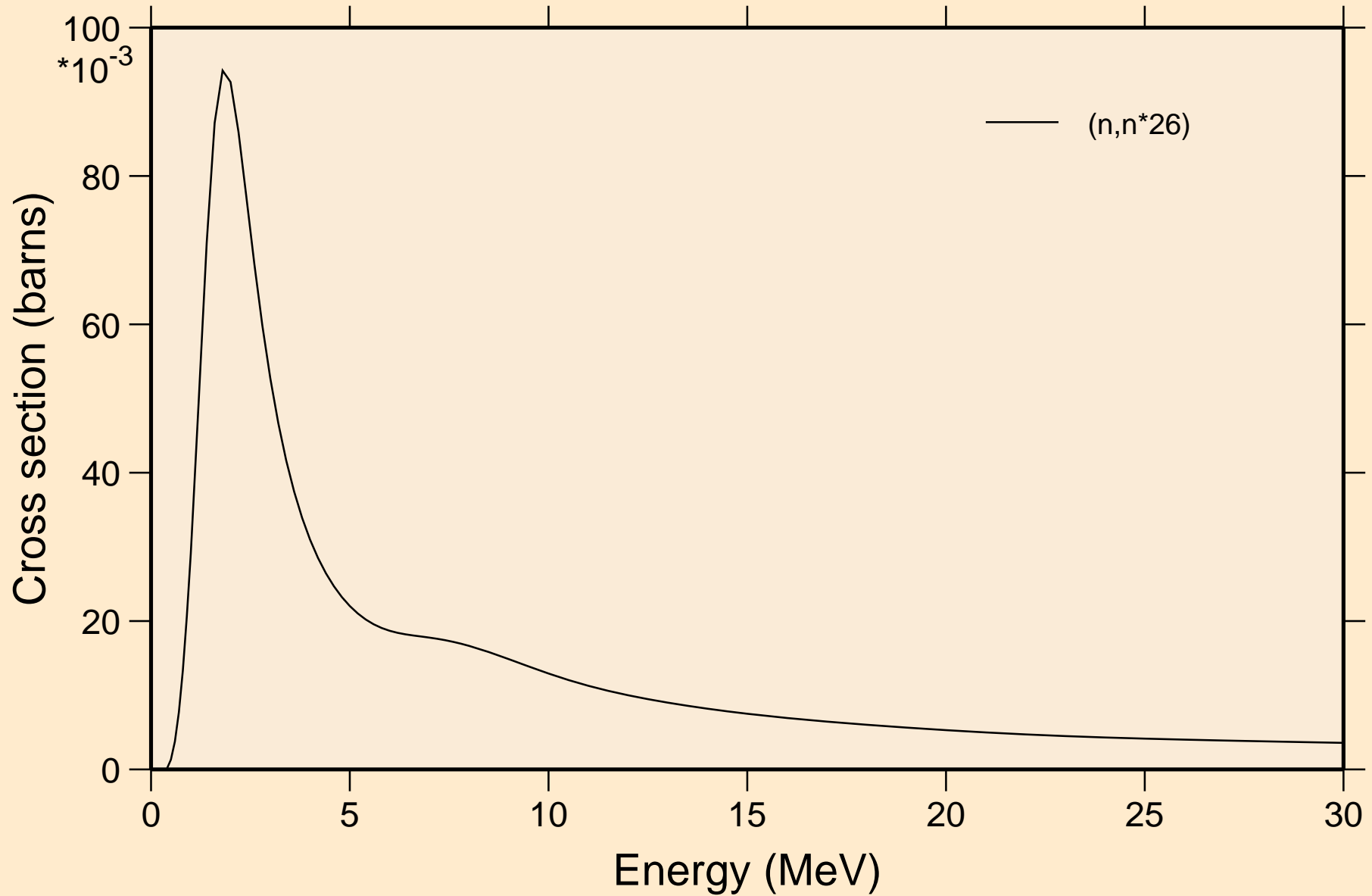
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



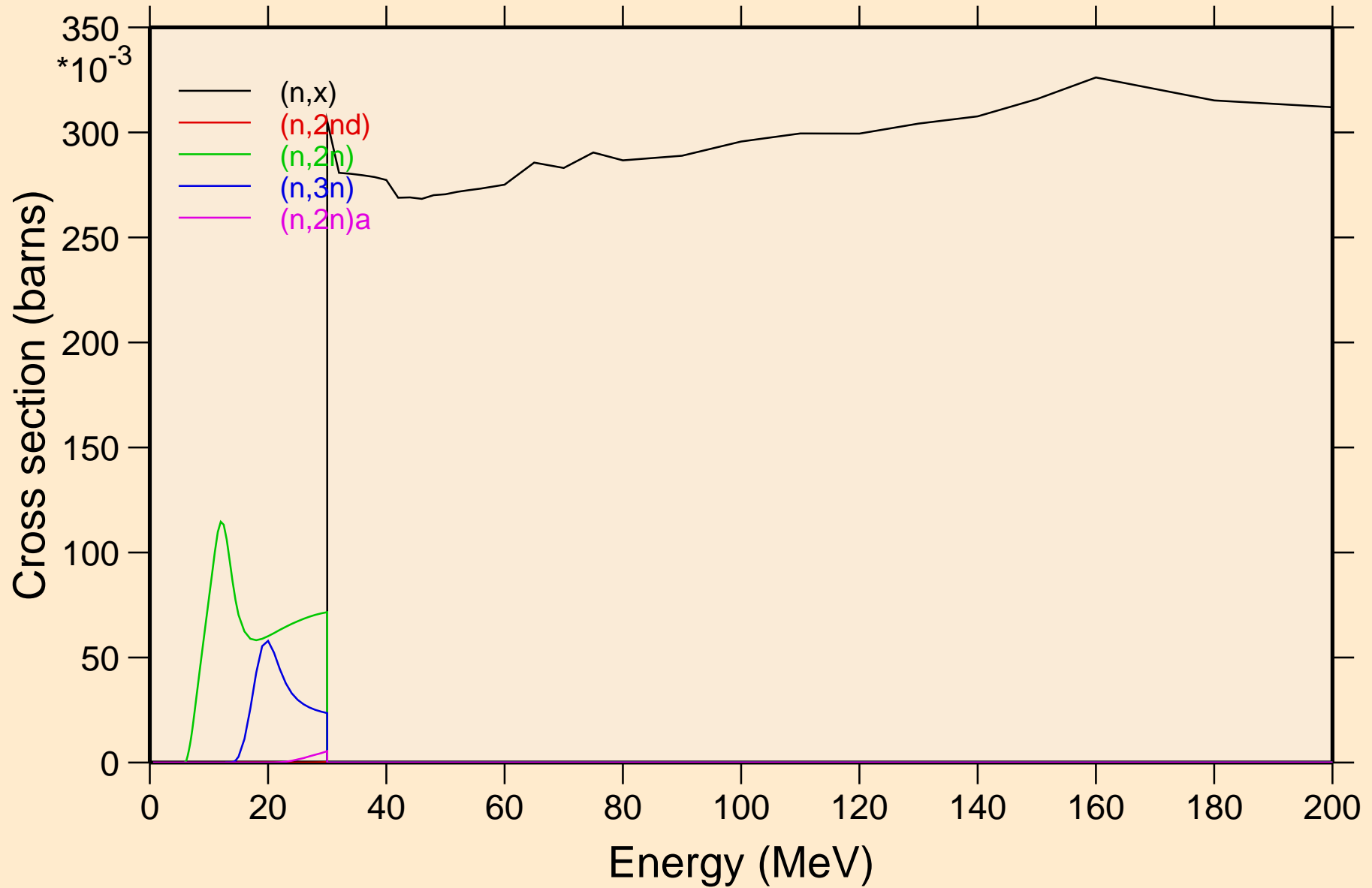
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels





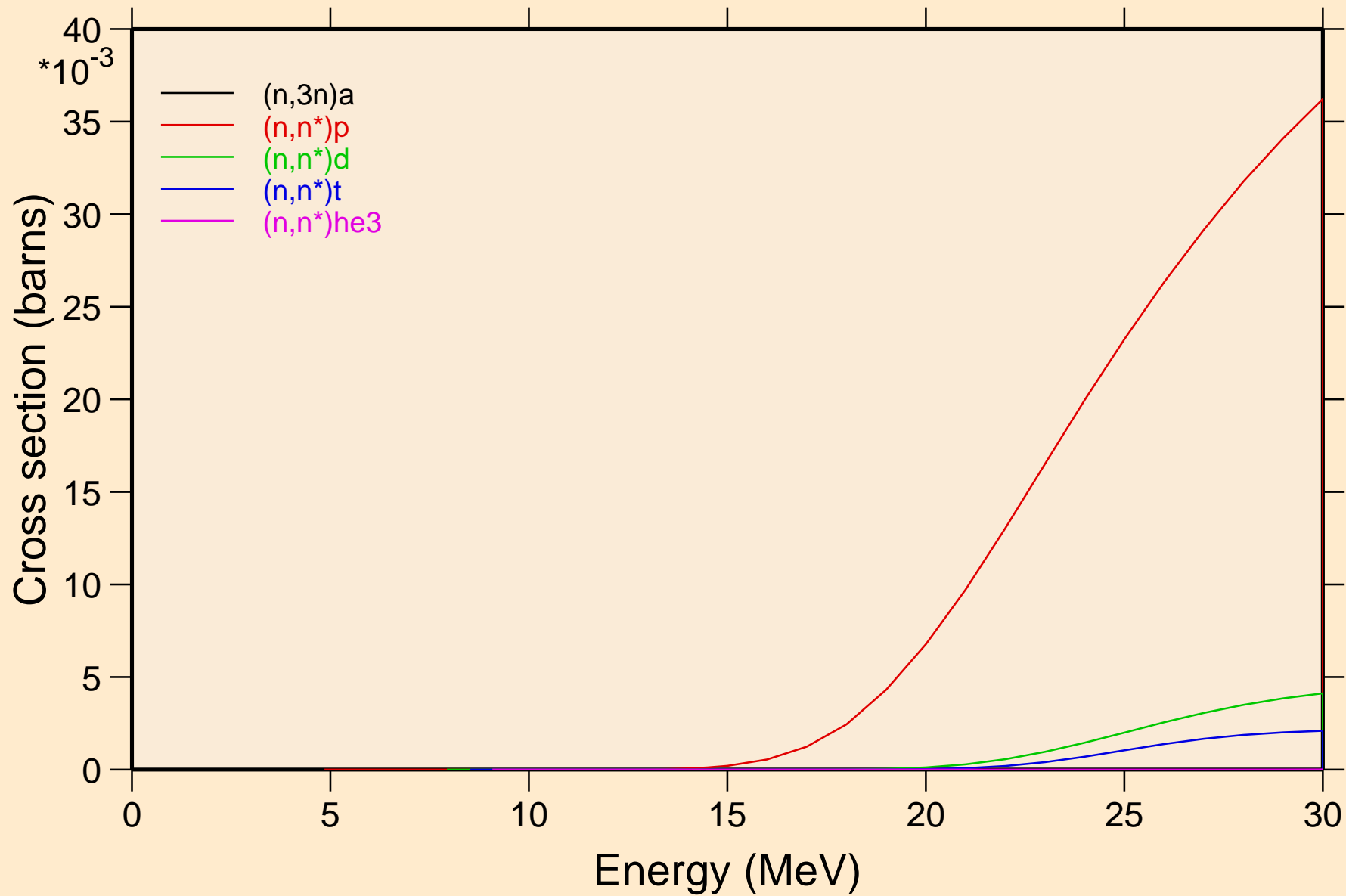
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

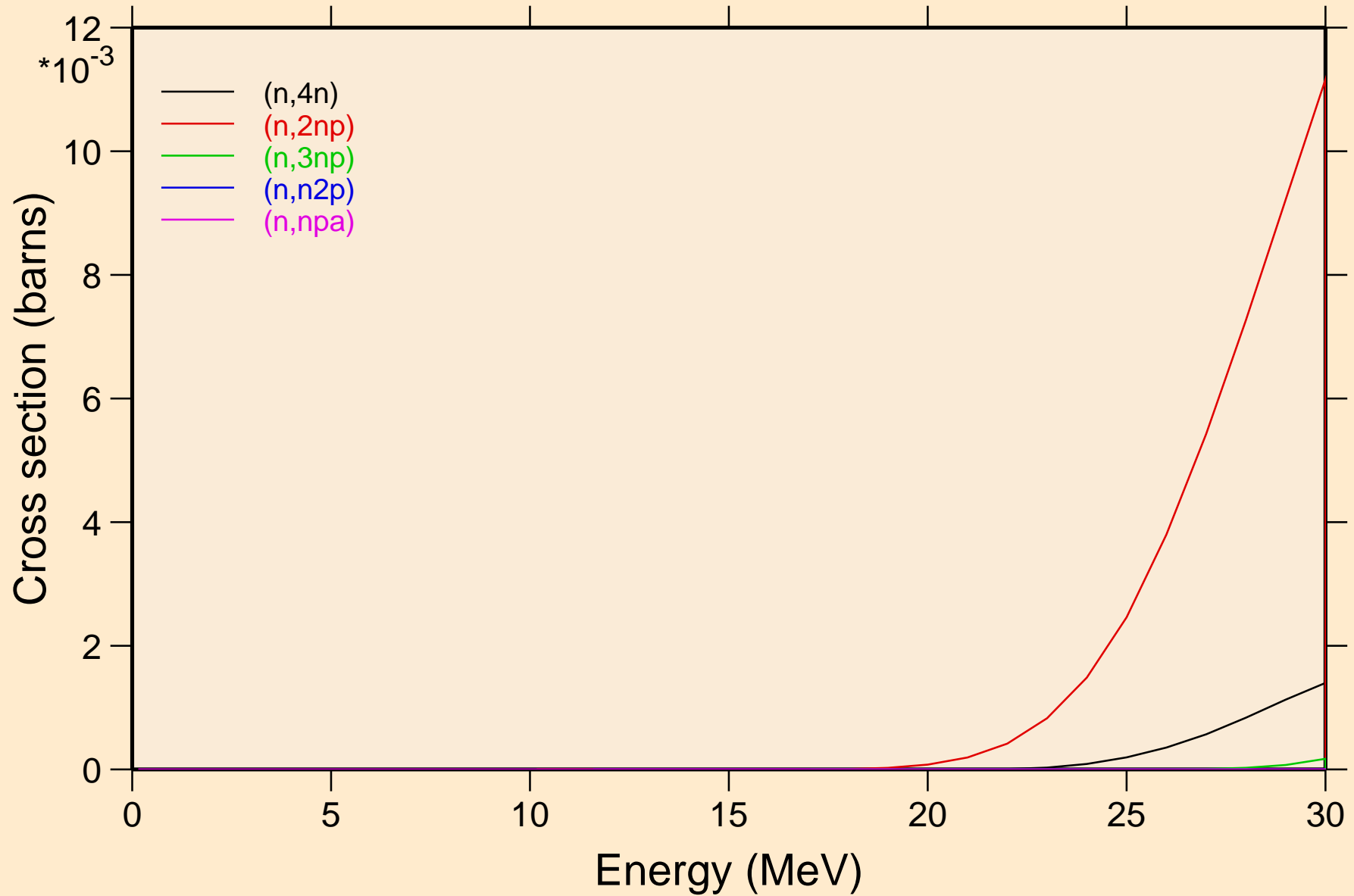


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

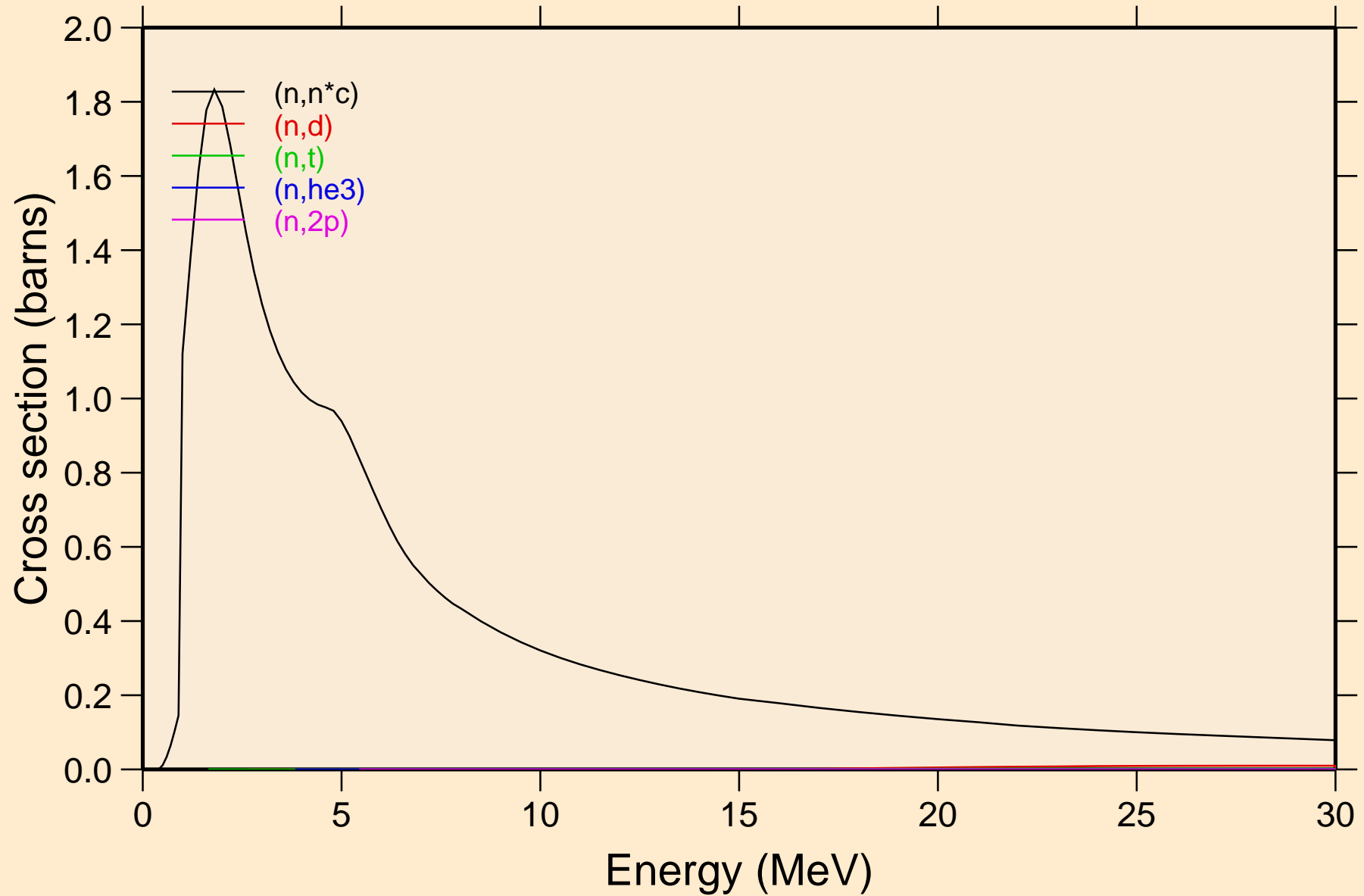


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

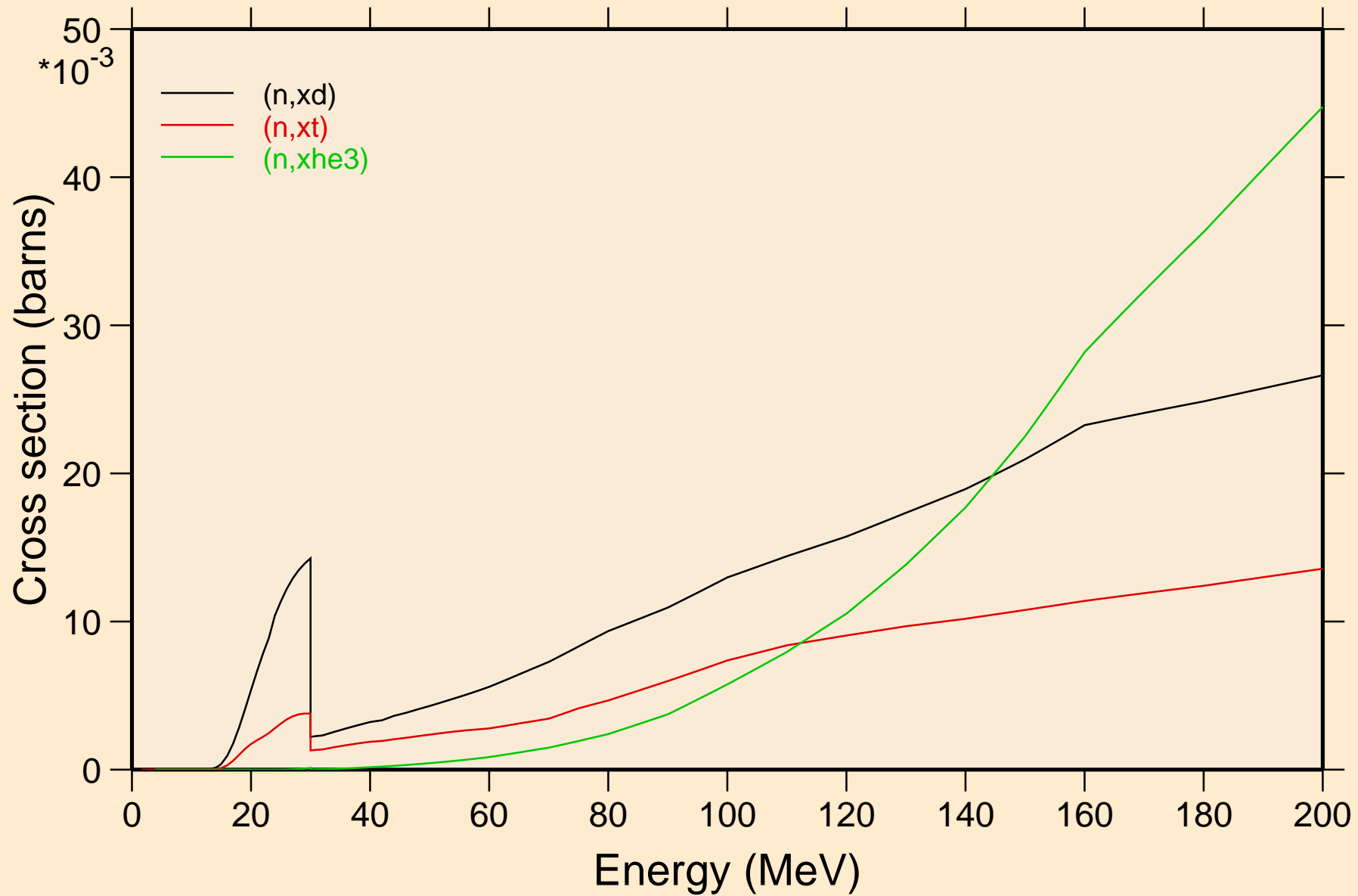


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

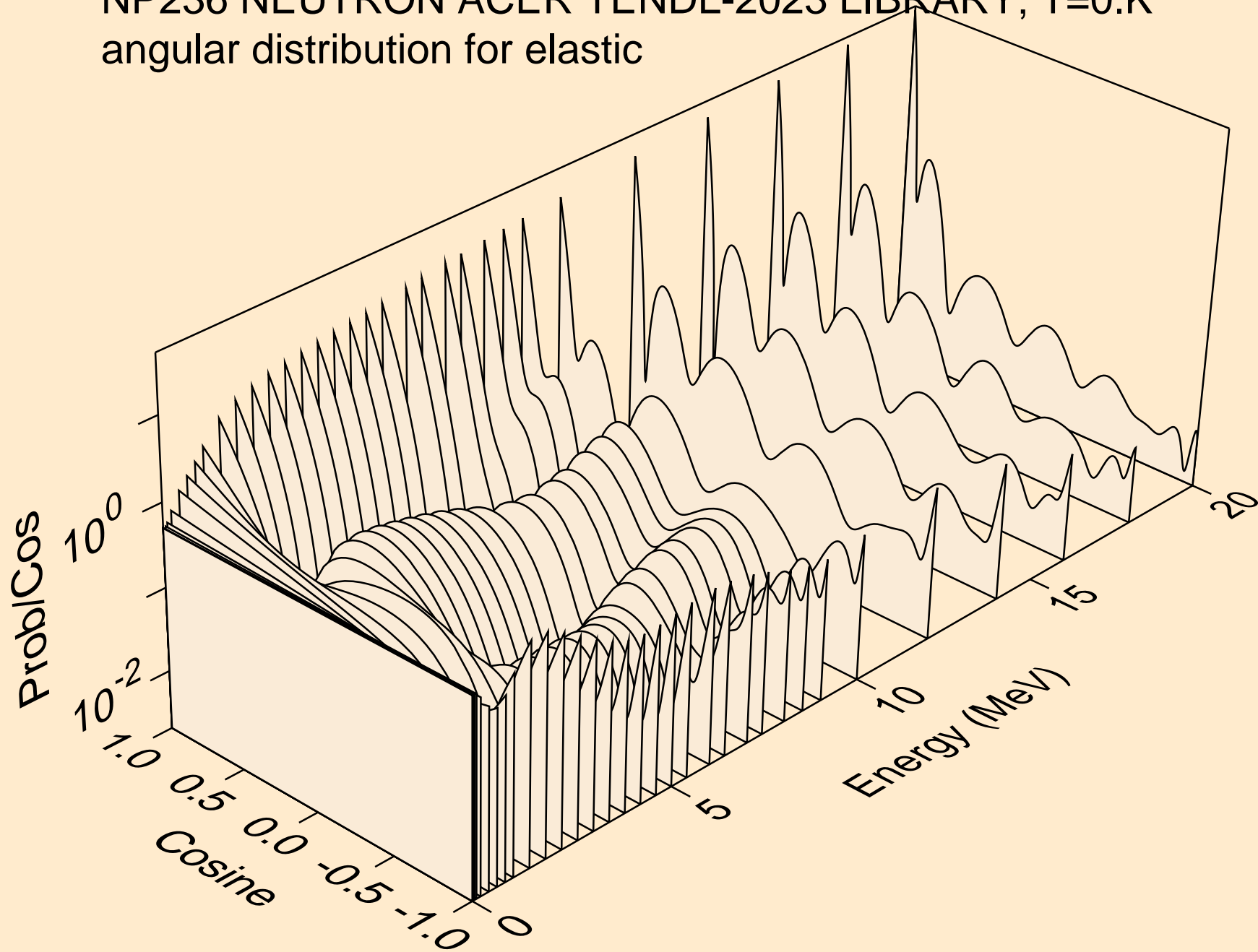
## Threshold reactions



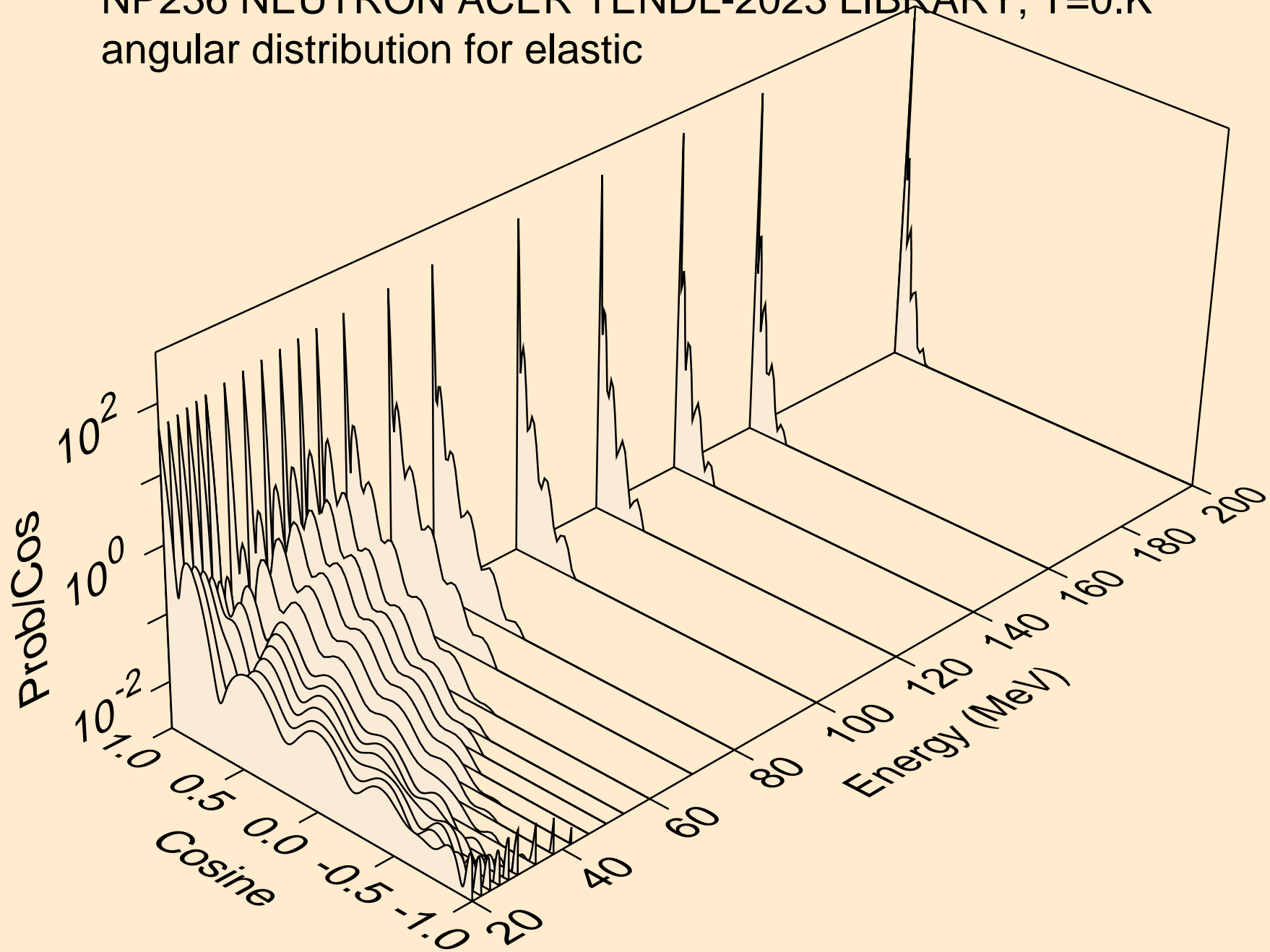
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



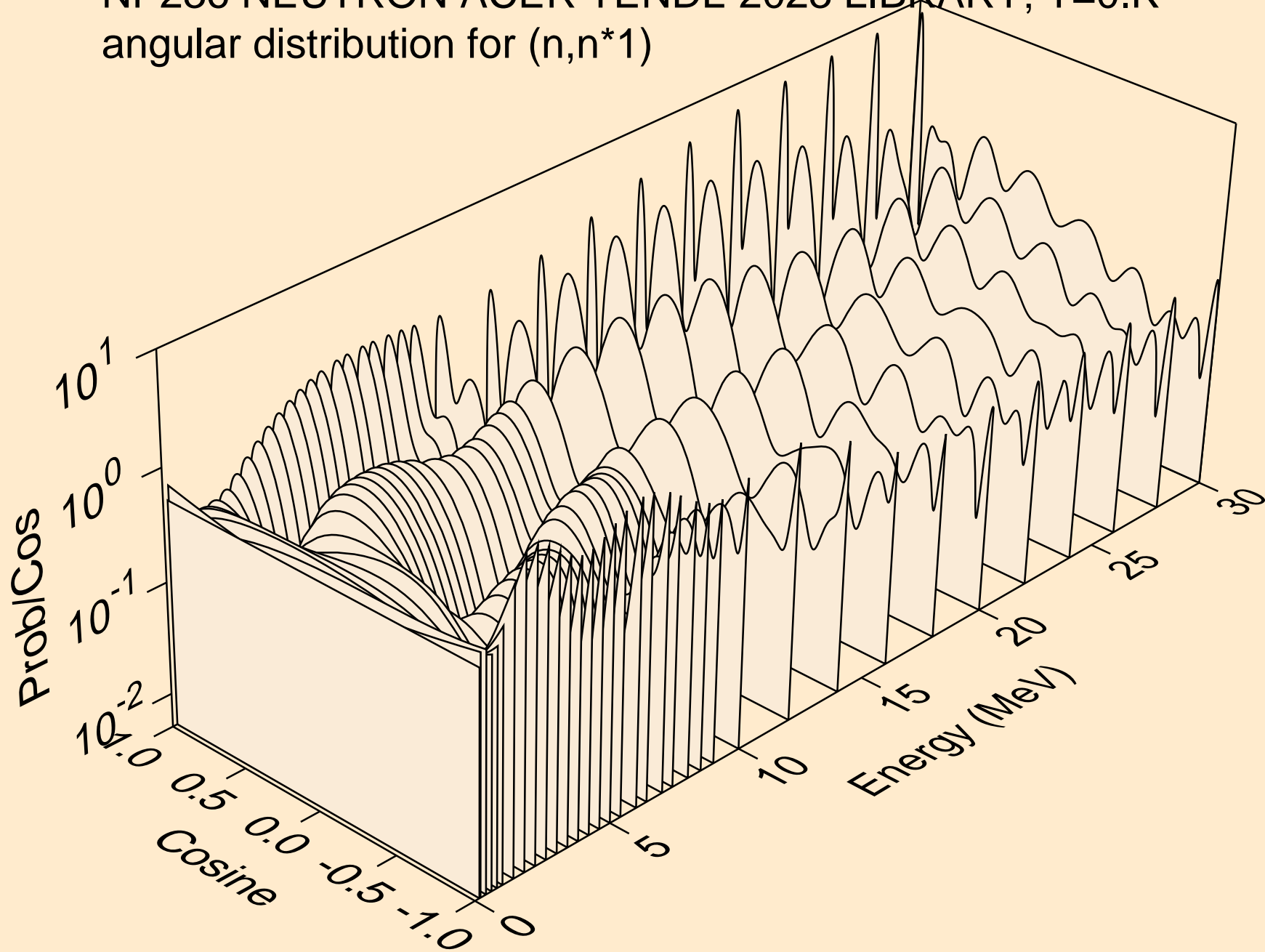
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

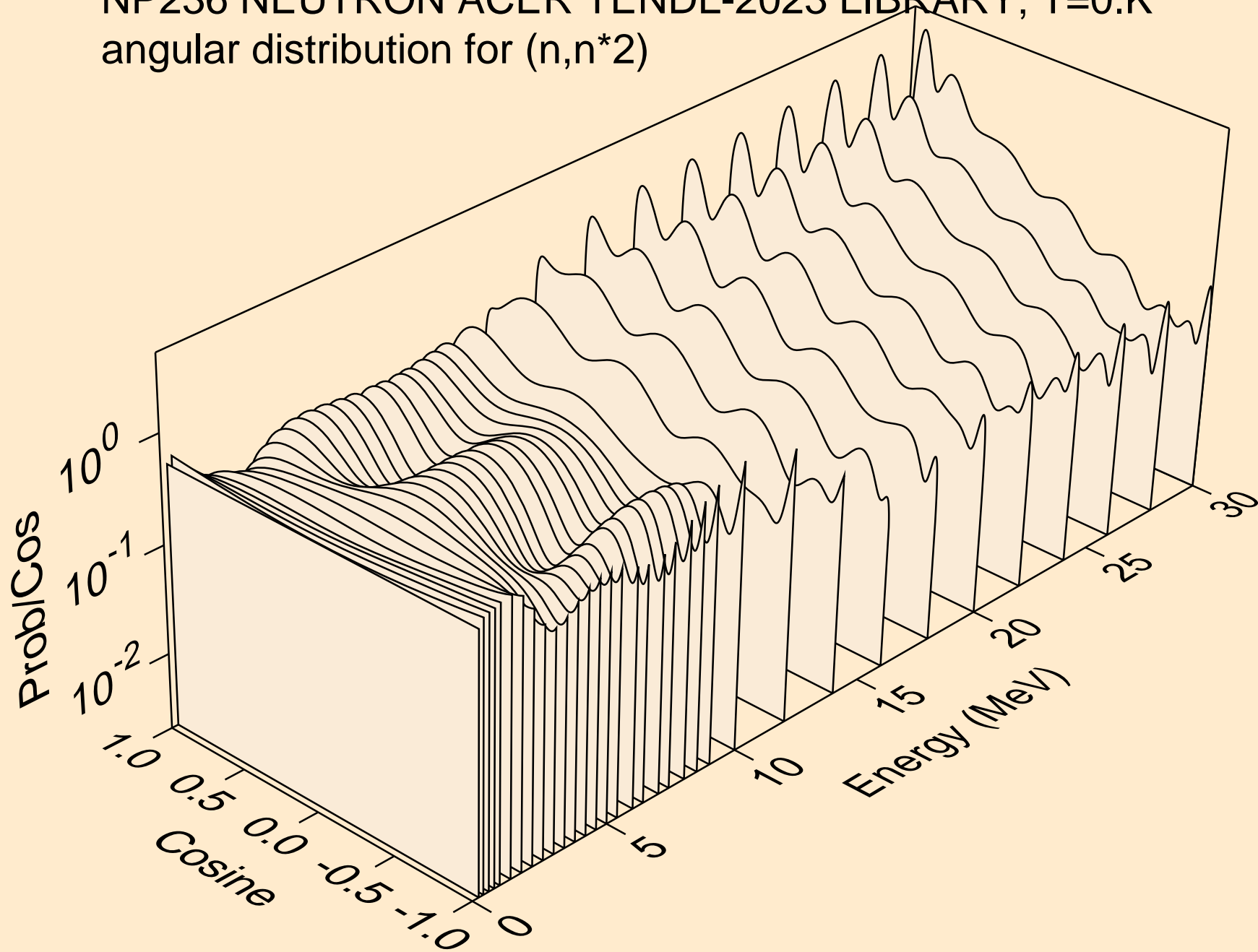


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

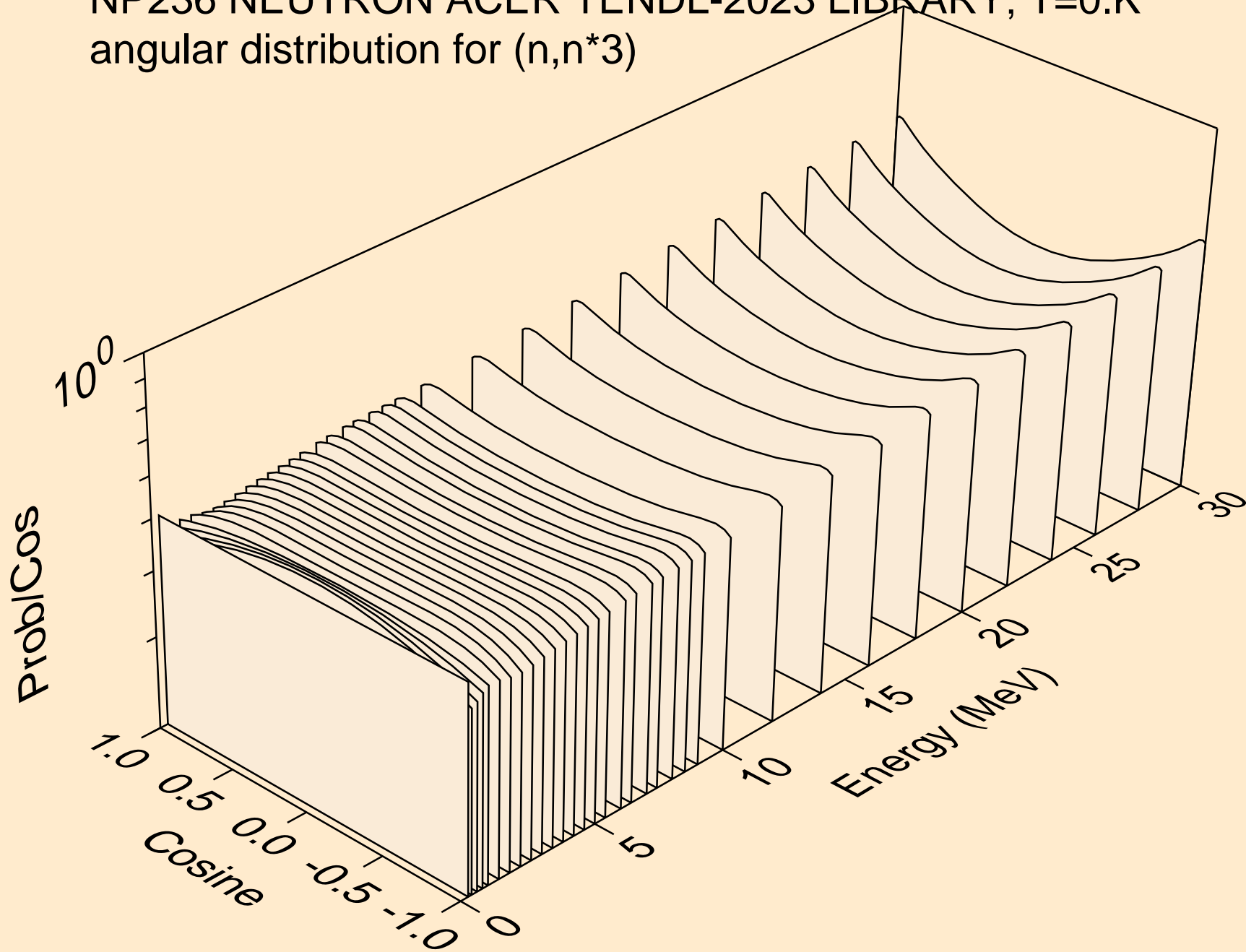




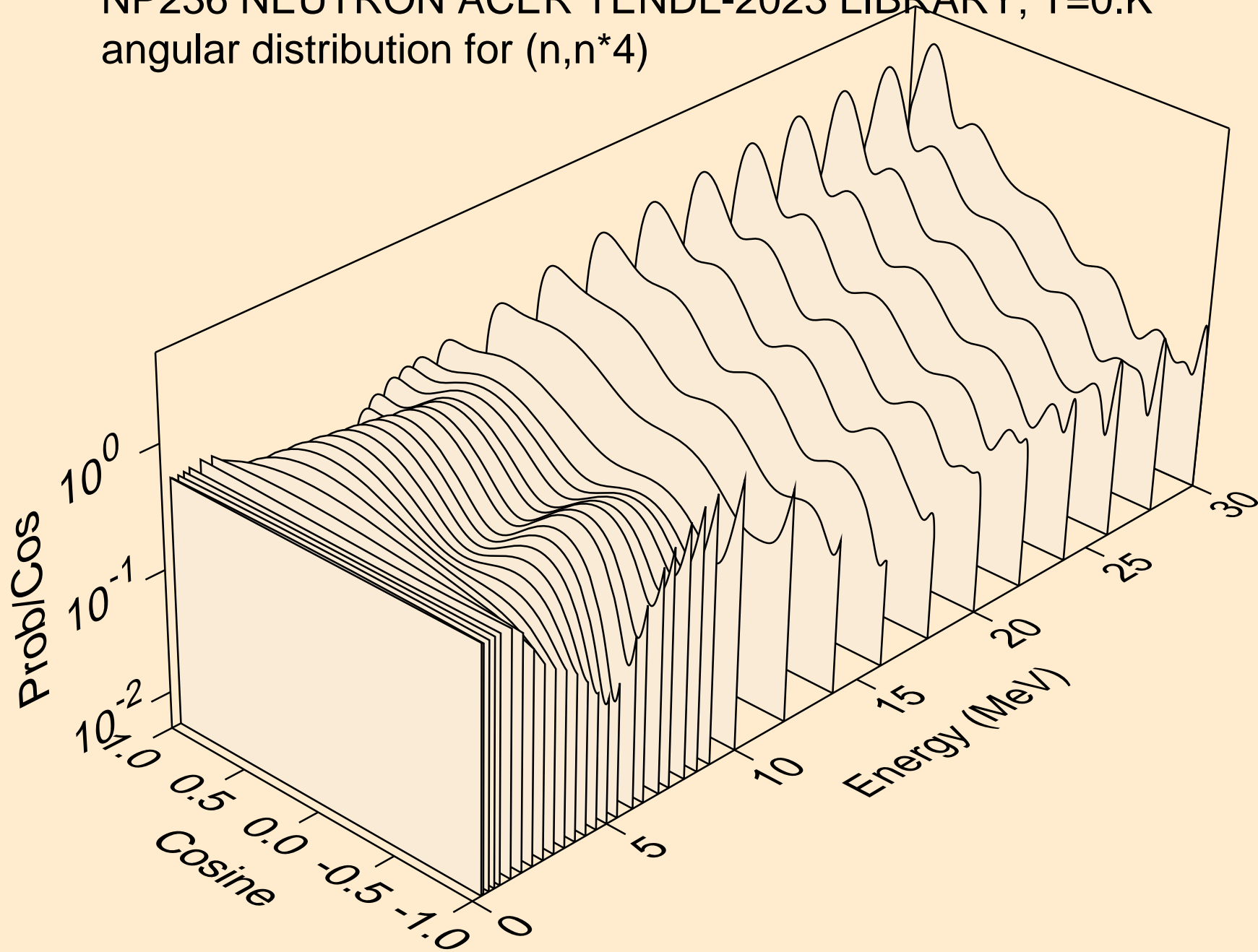
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



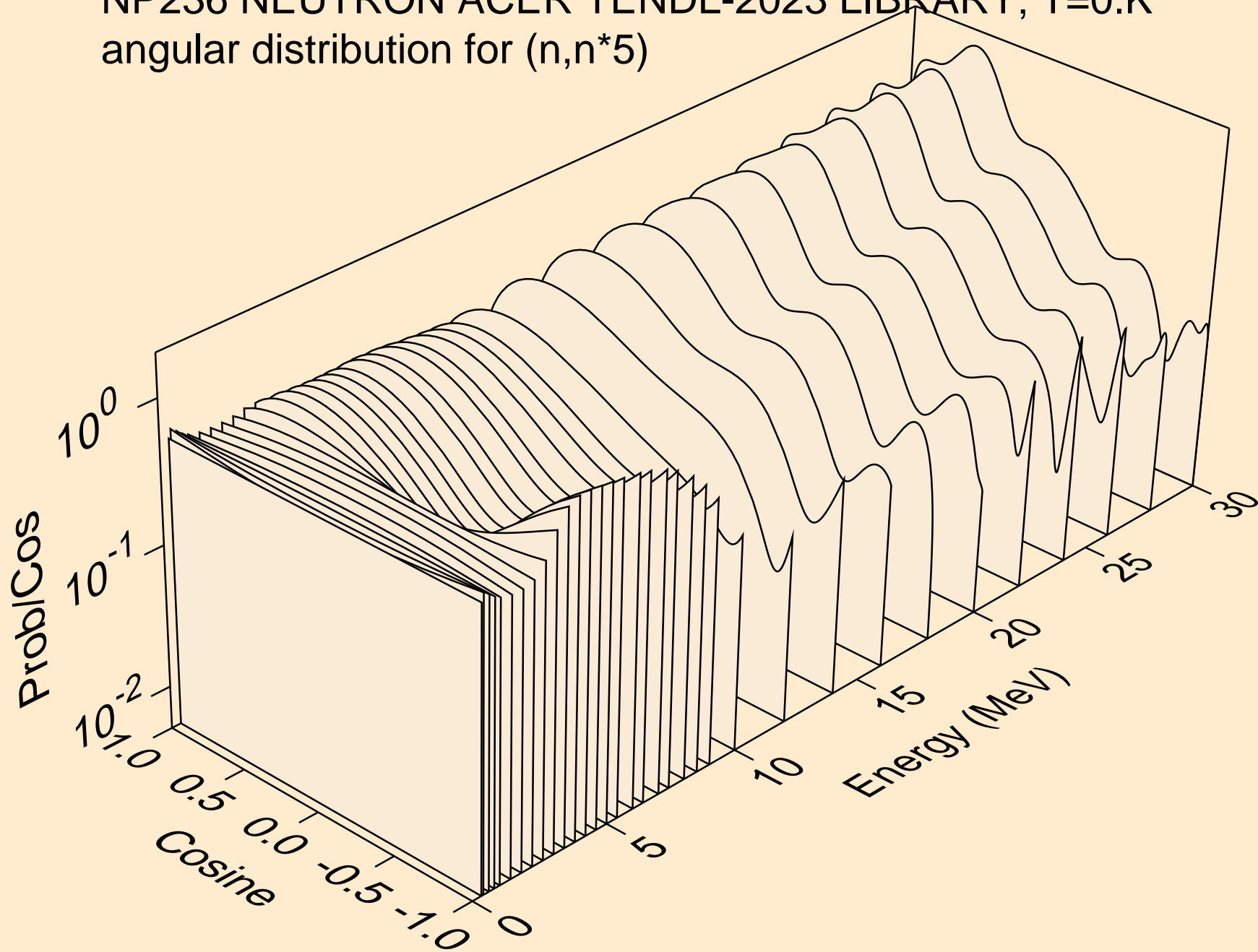
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



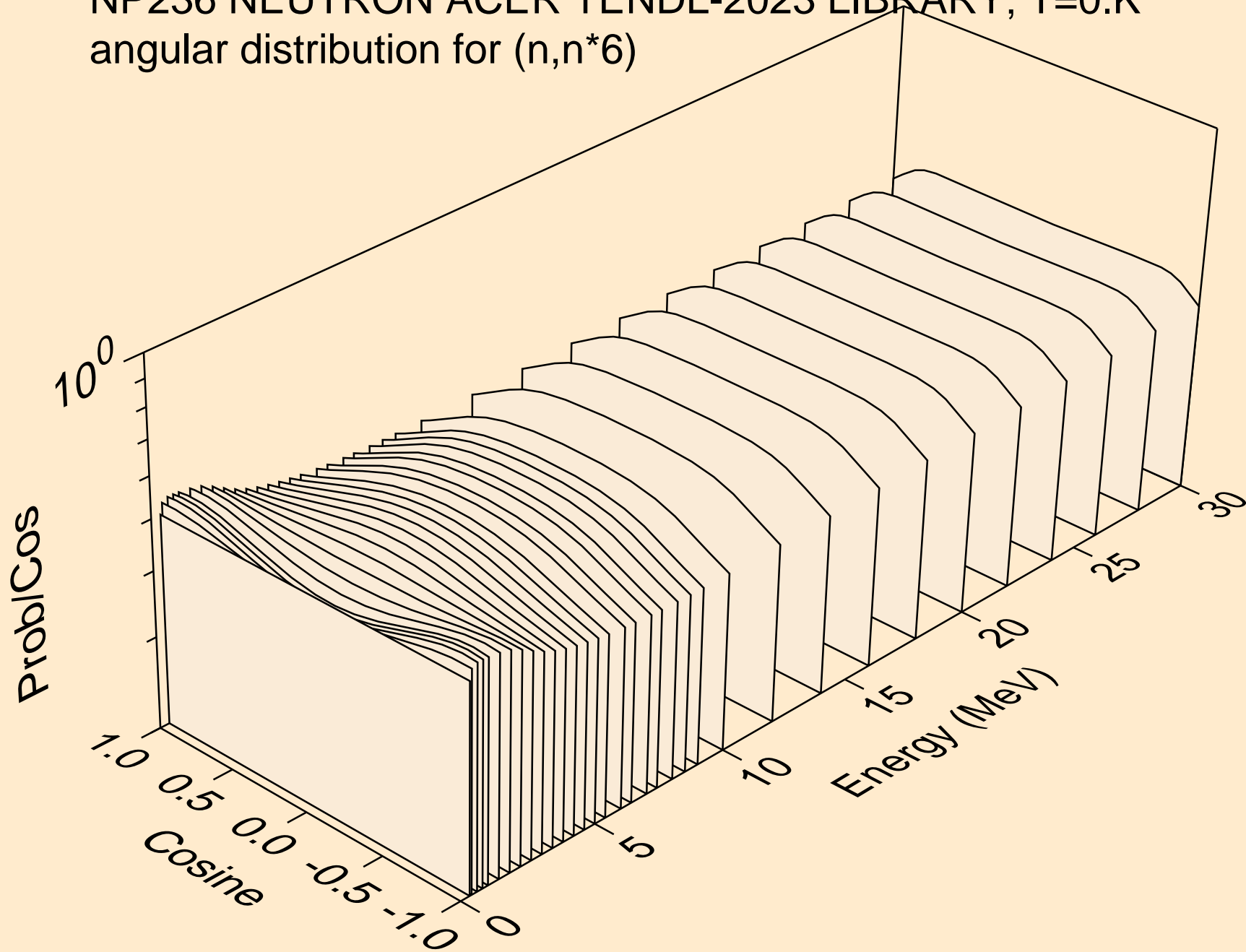
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



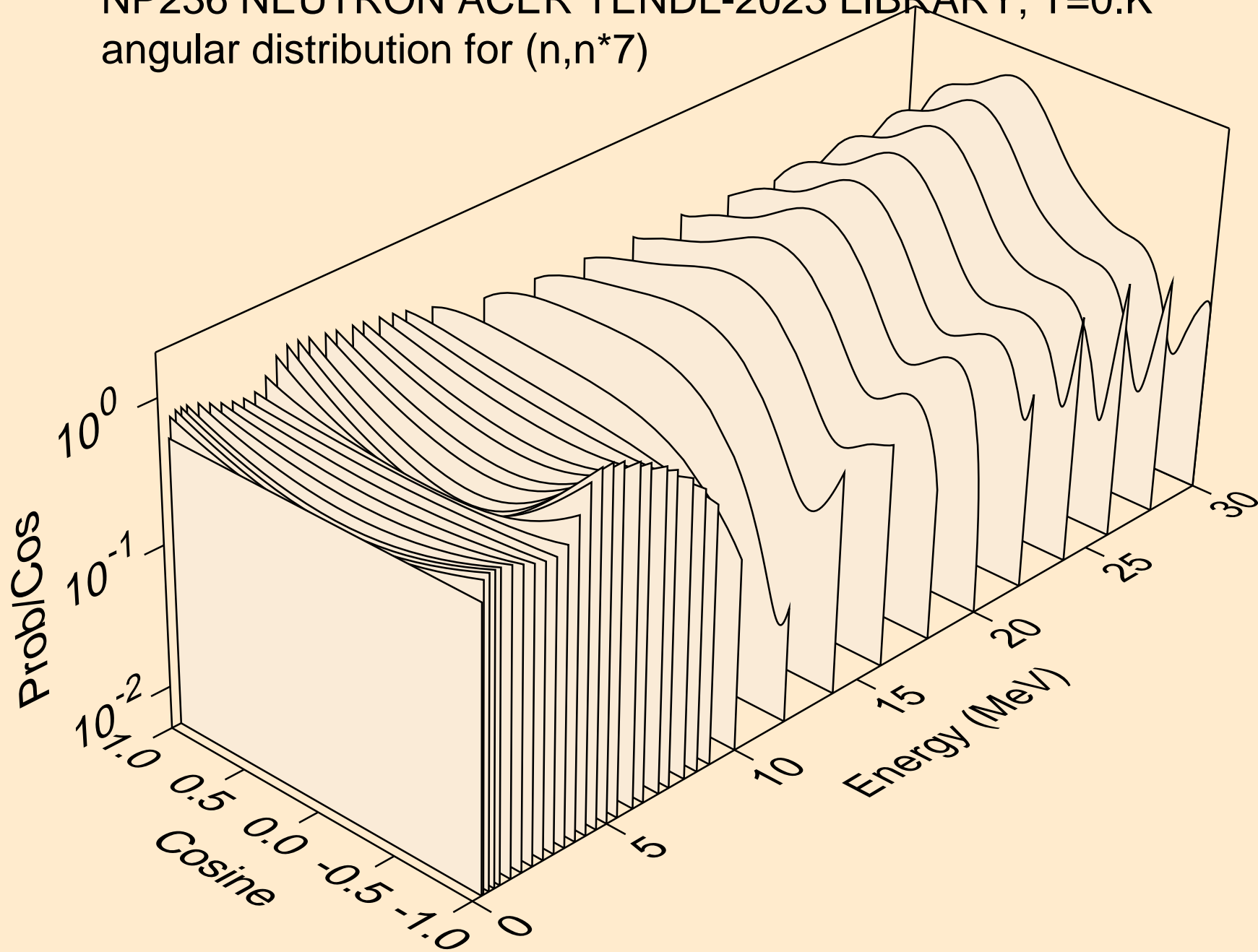
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



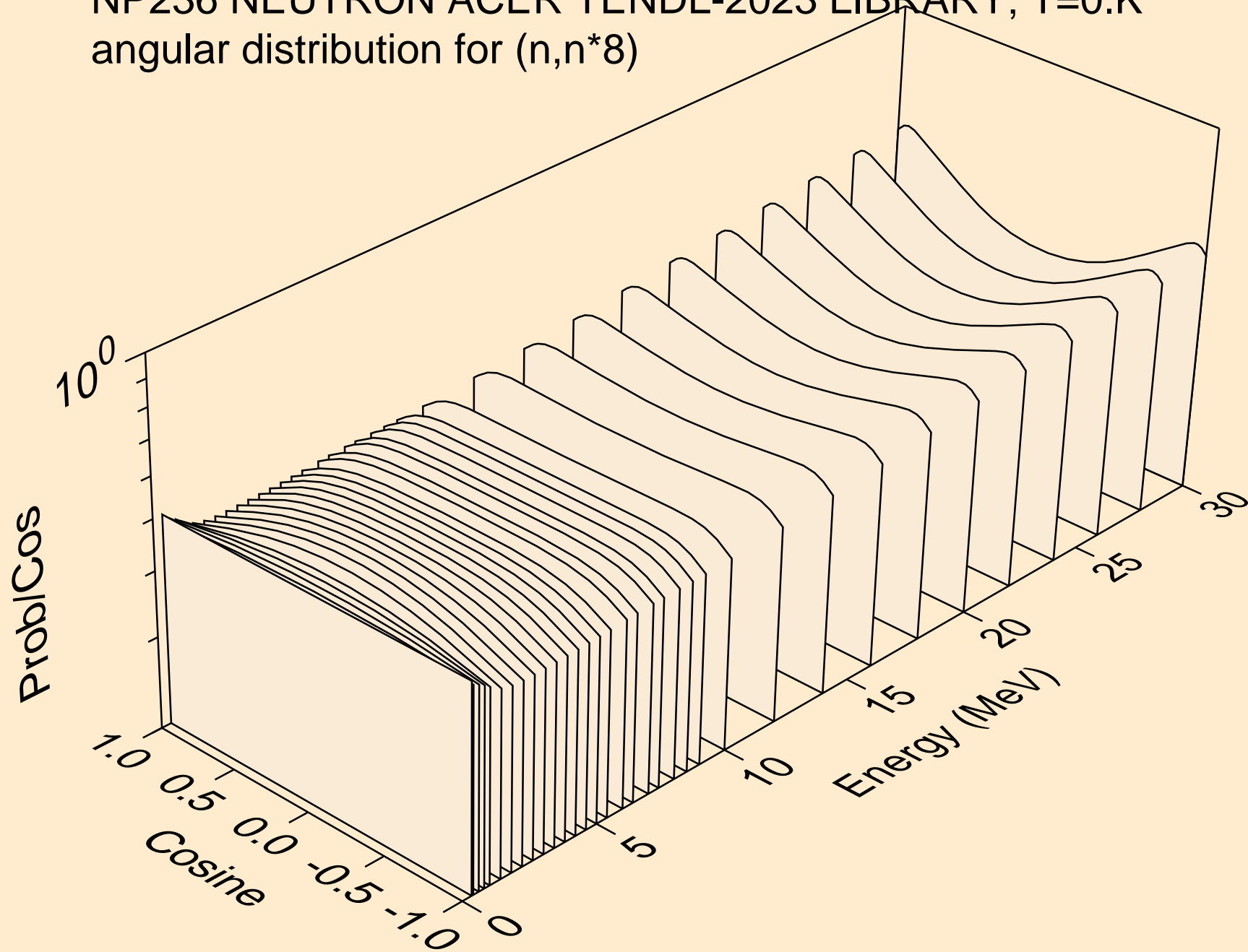
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



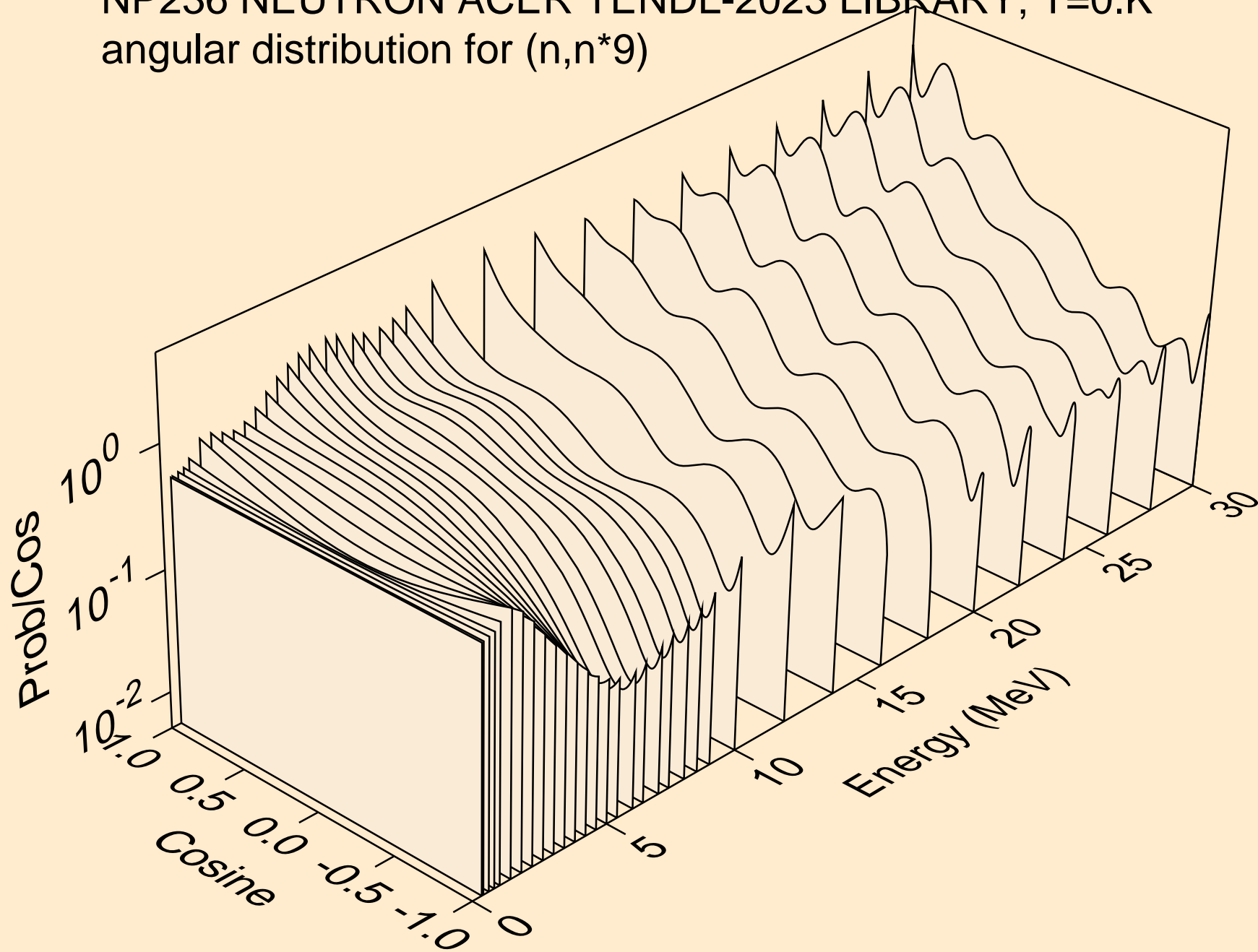
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

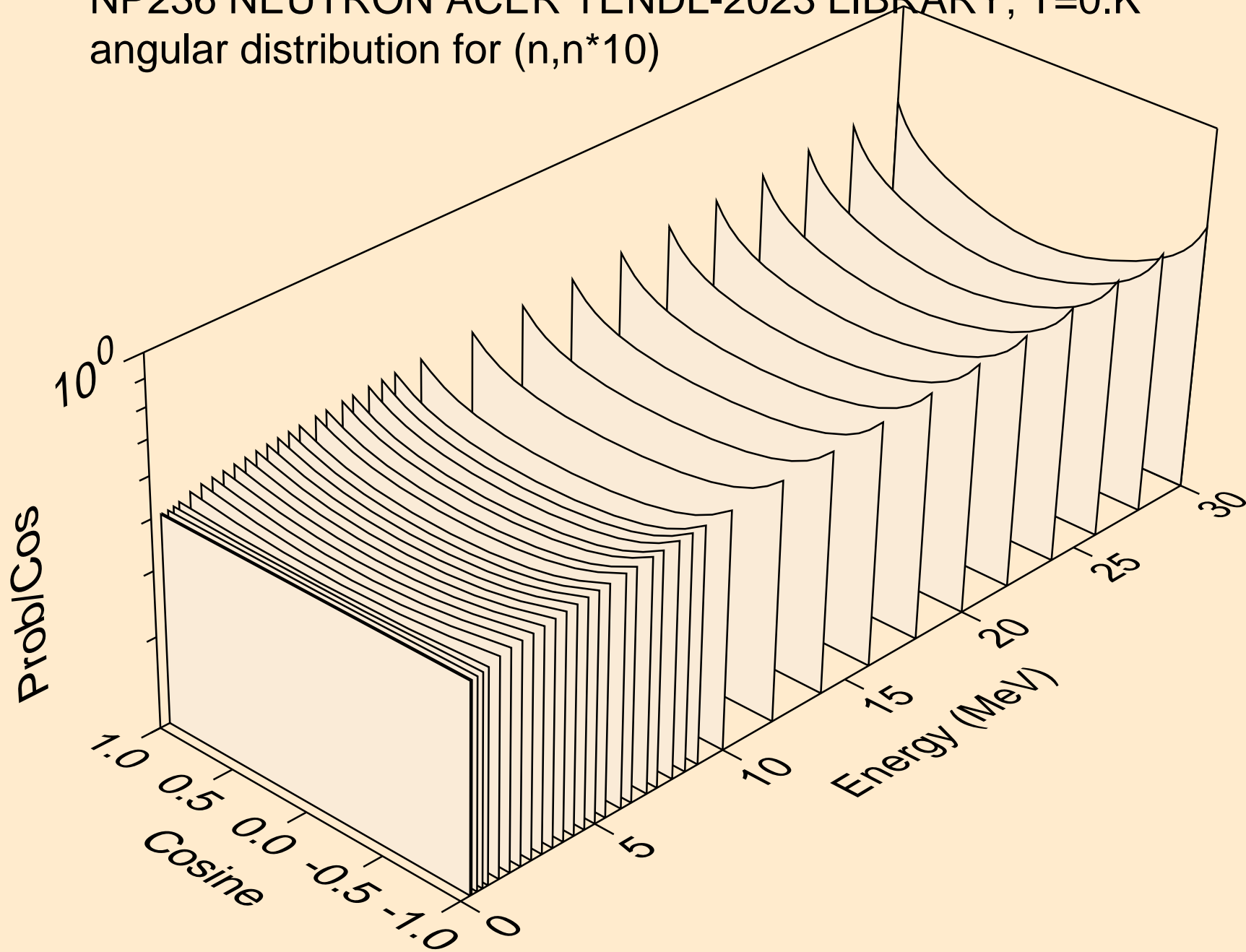


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

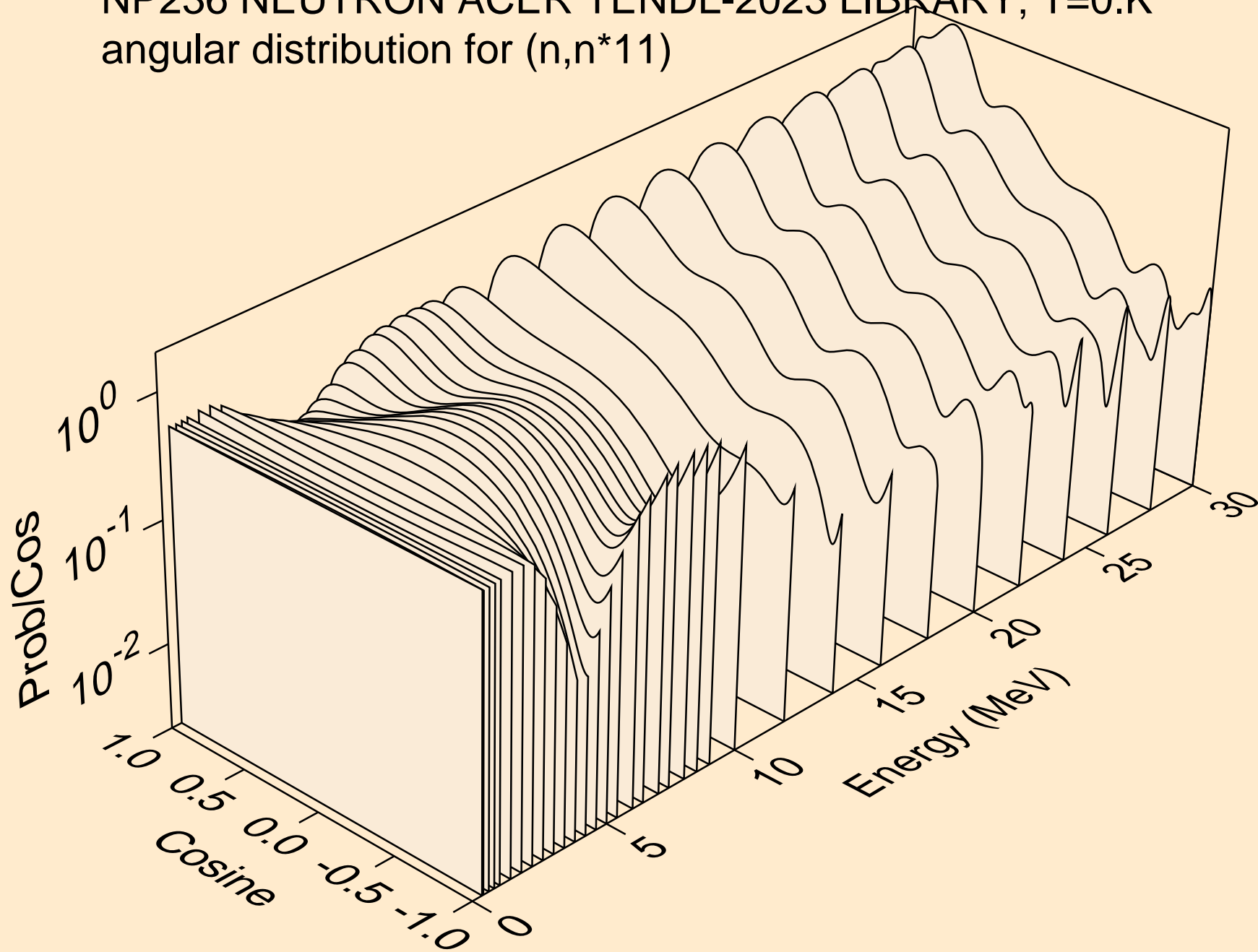




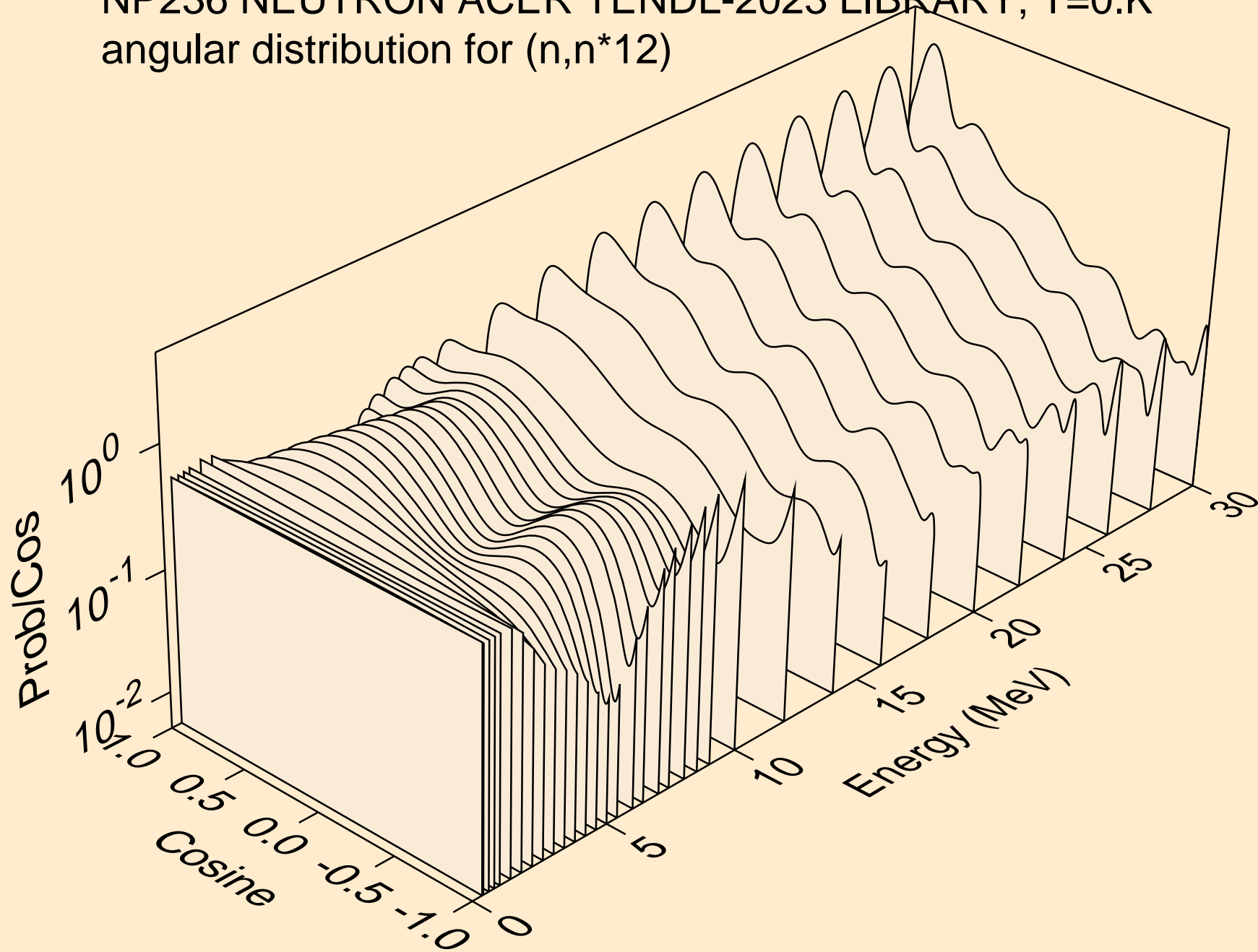
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



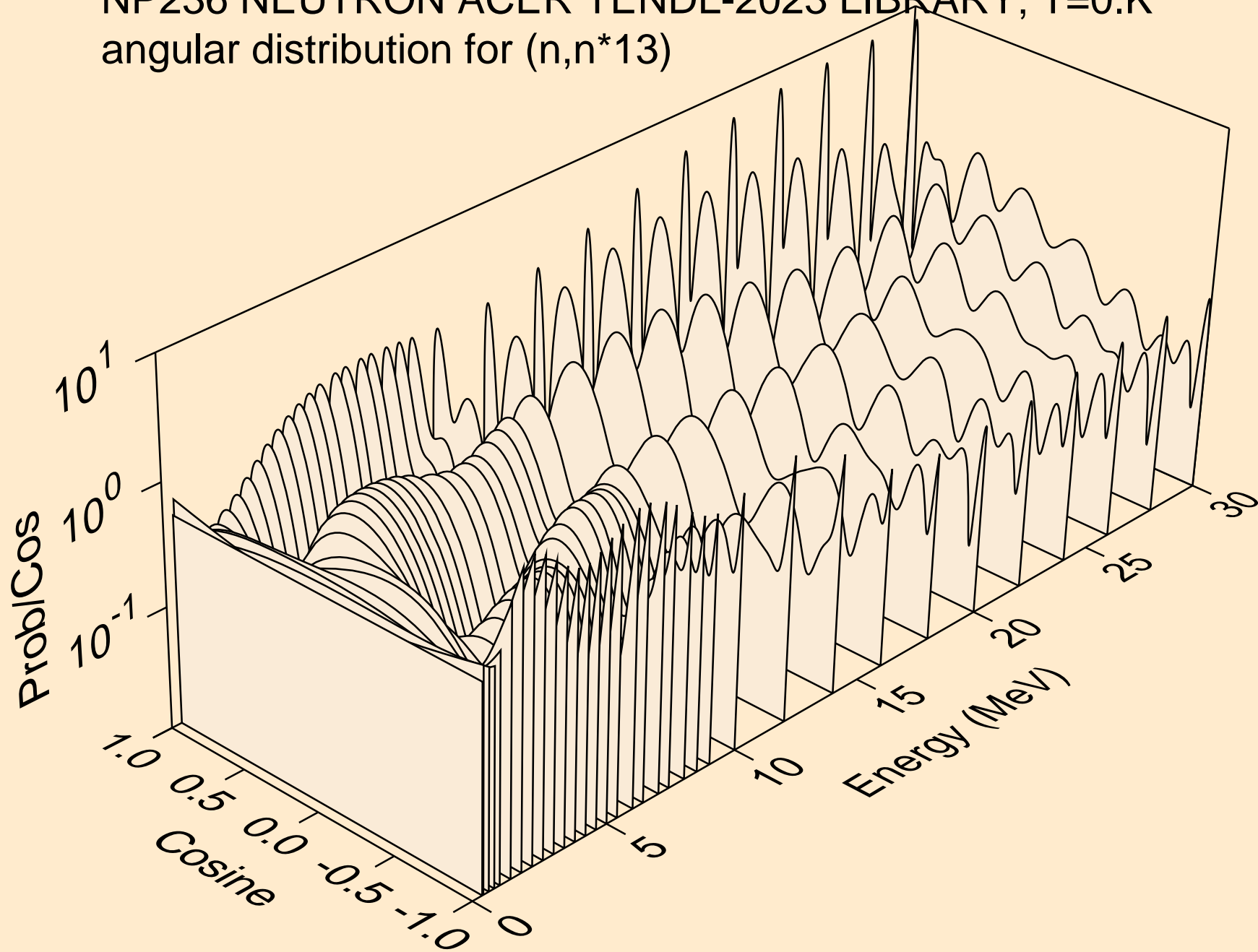
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



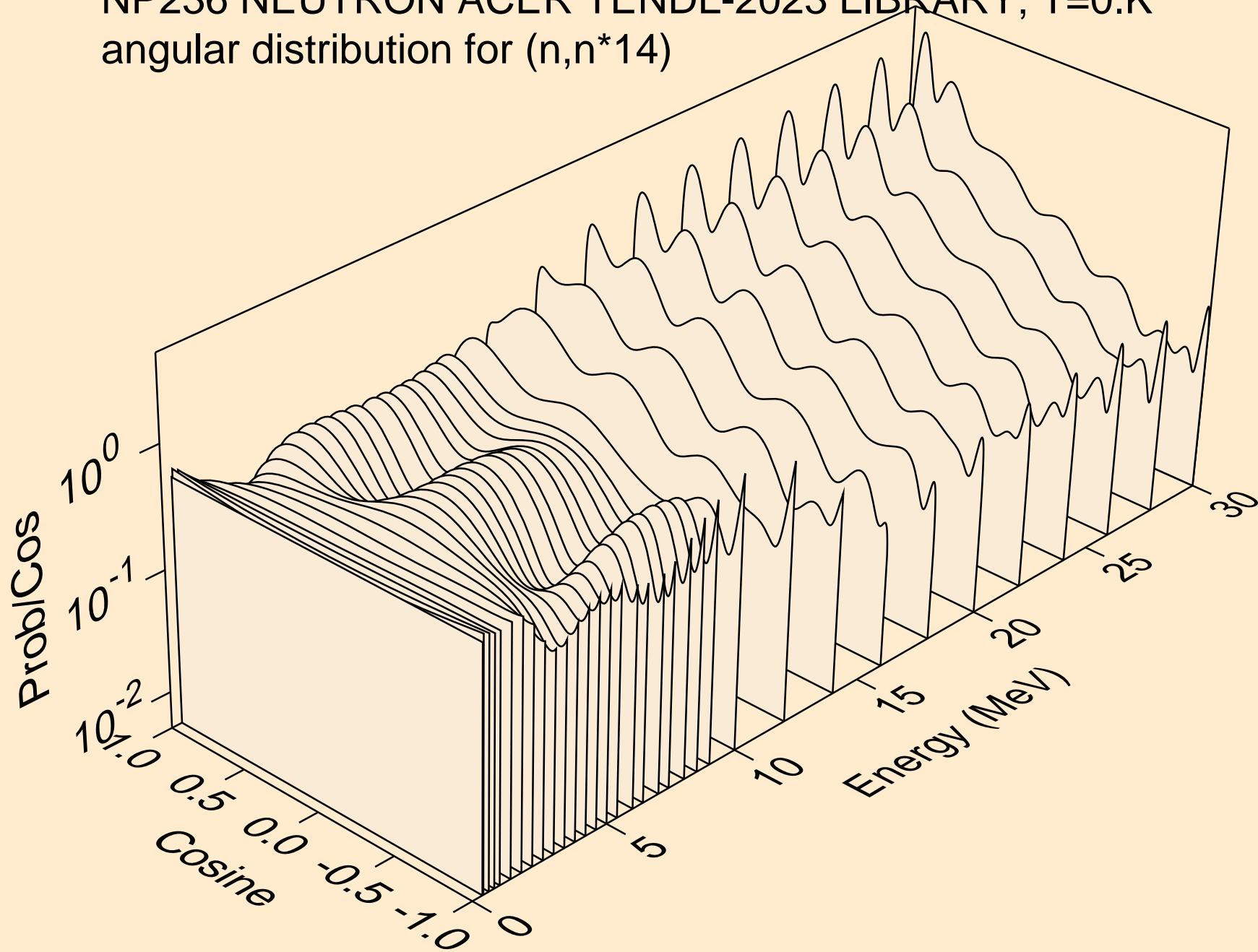
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



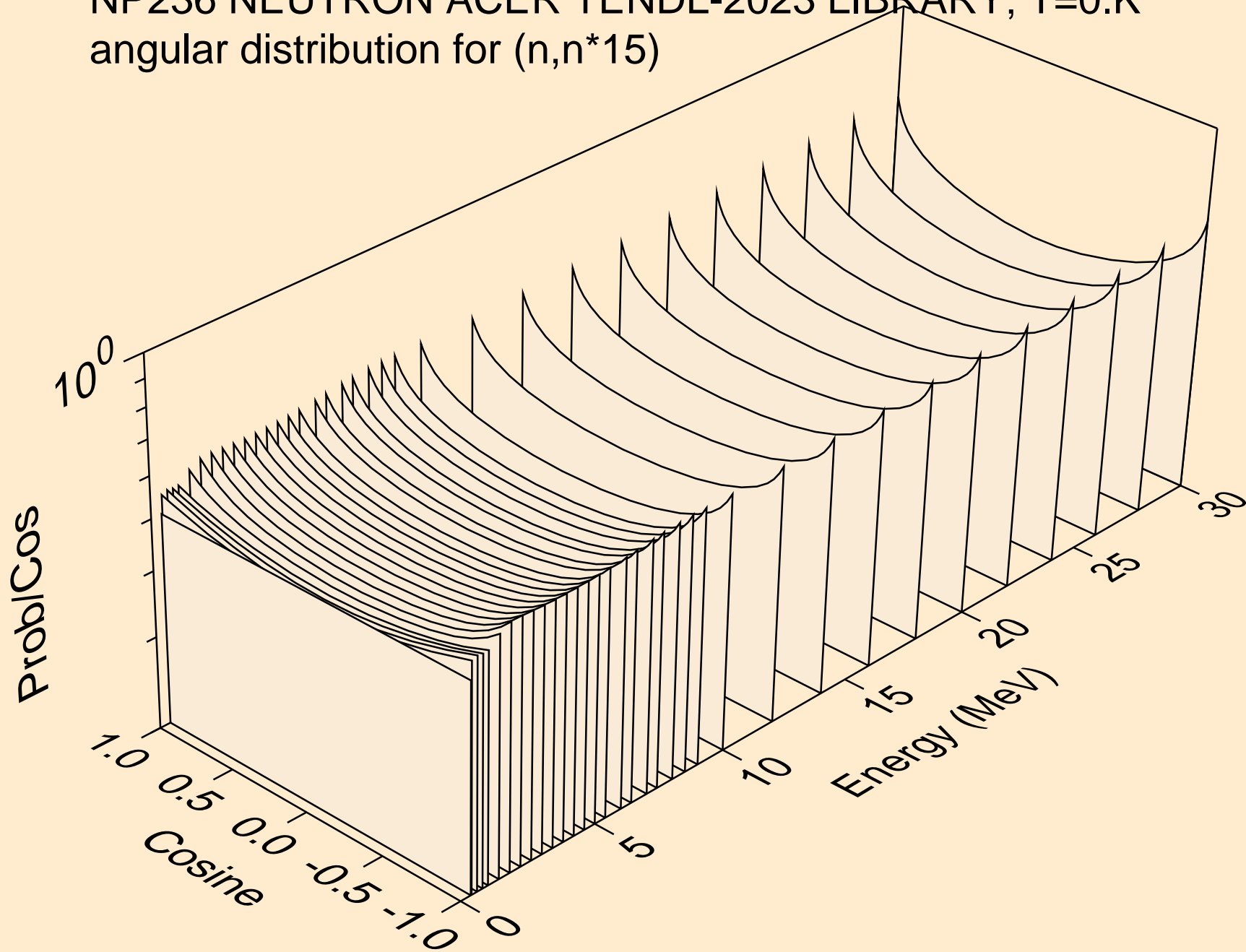
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



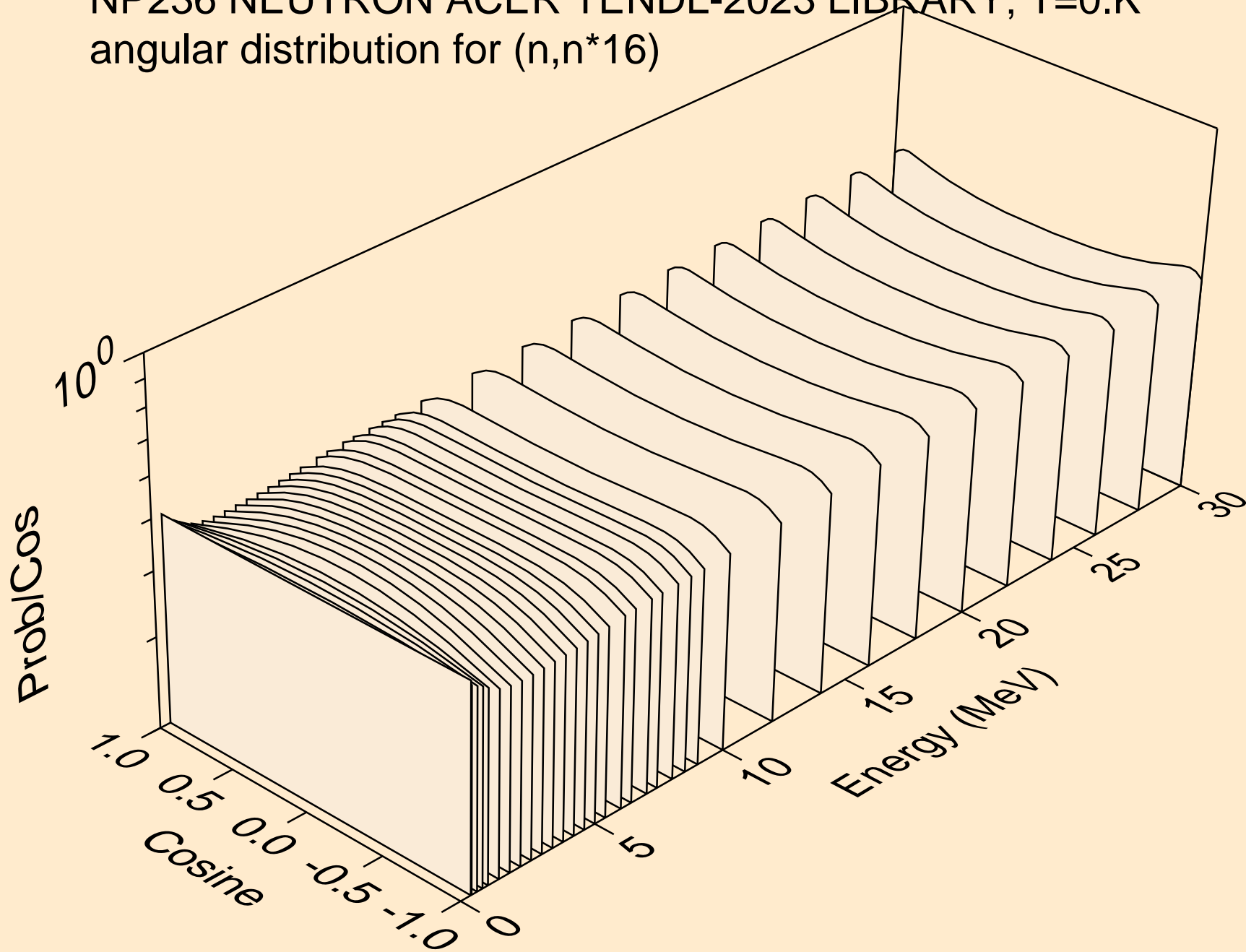
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



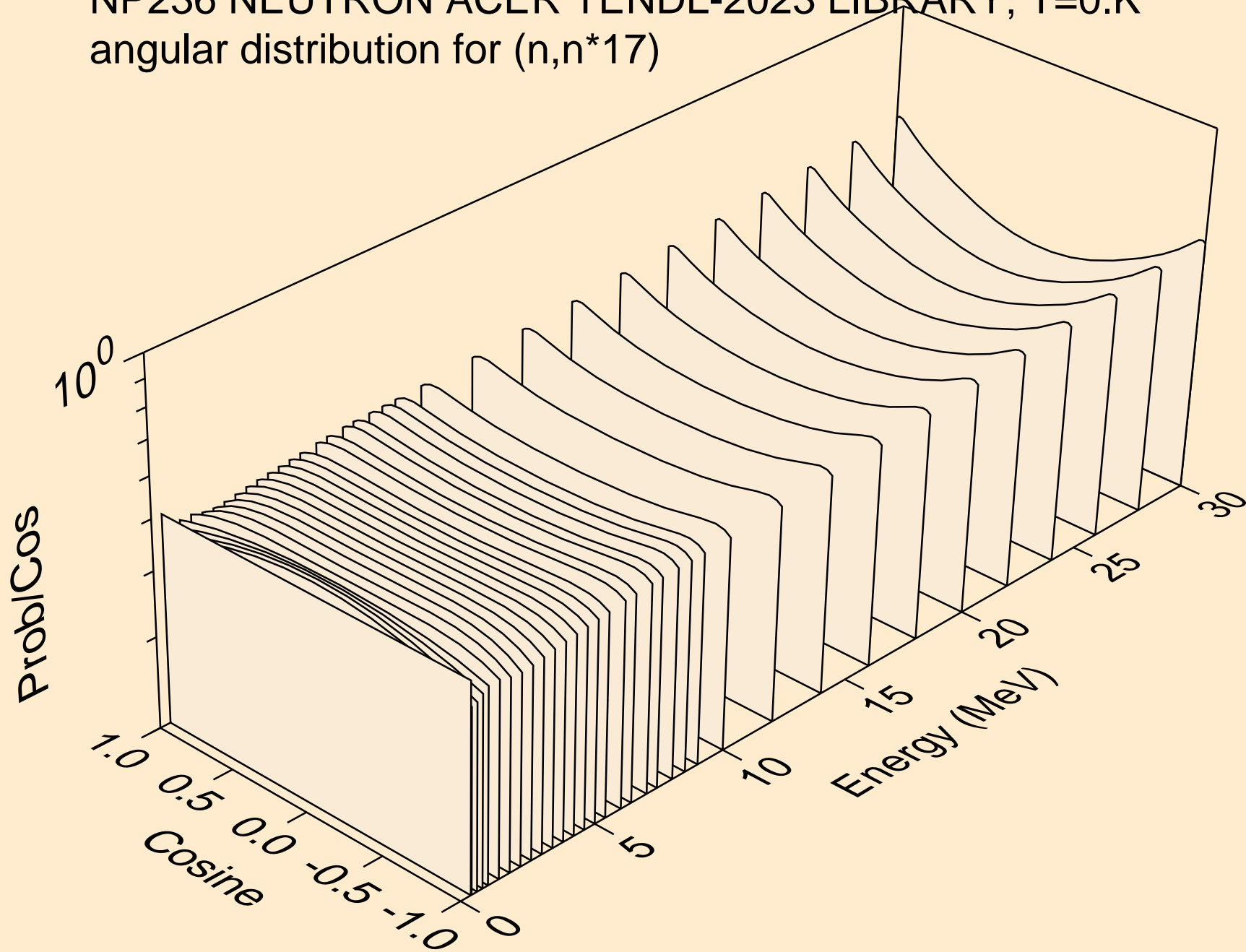
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

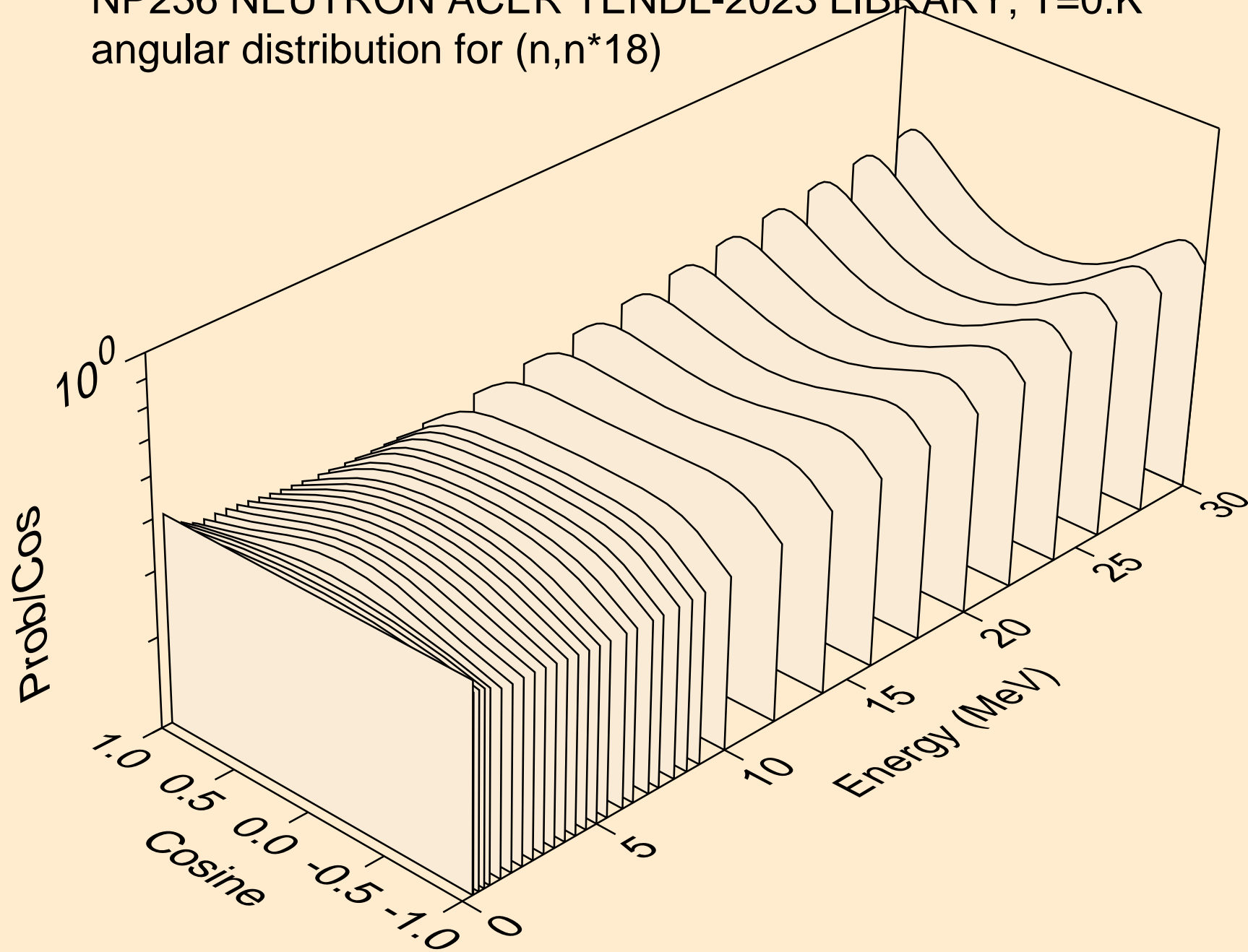


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

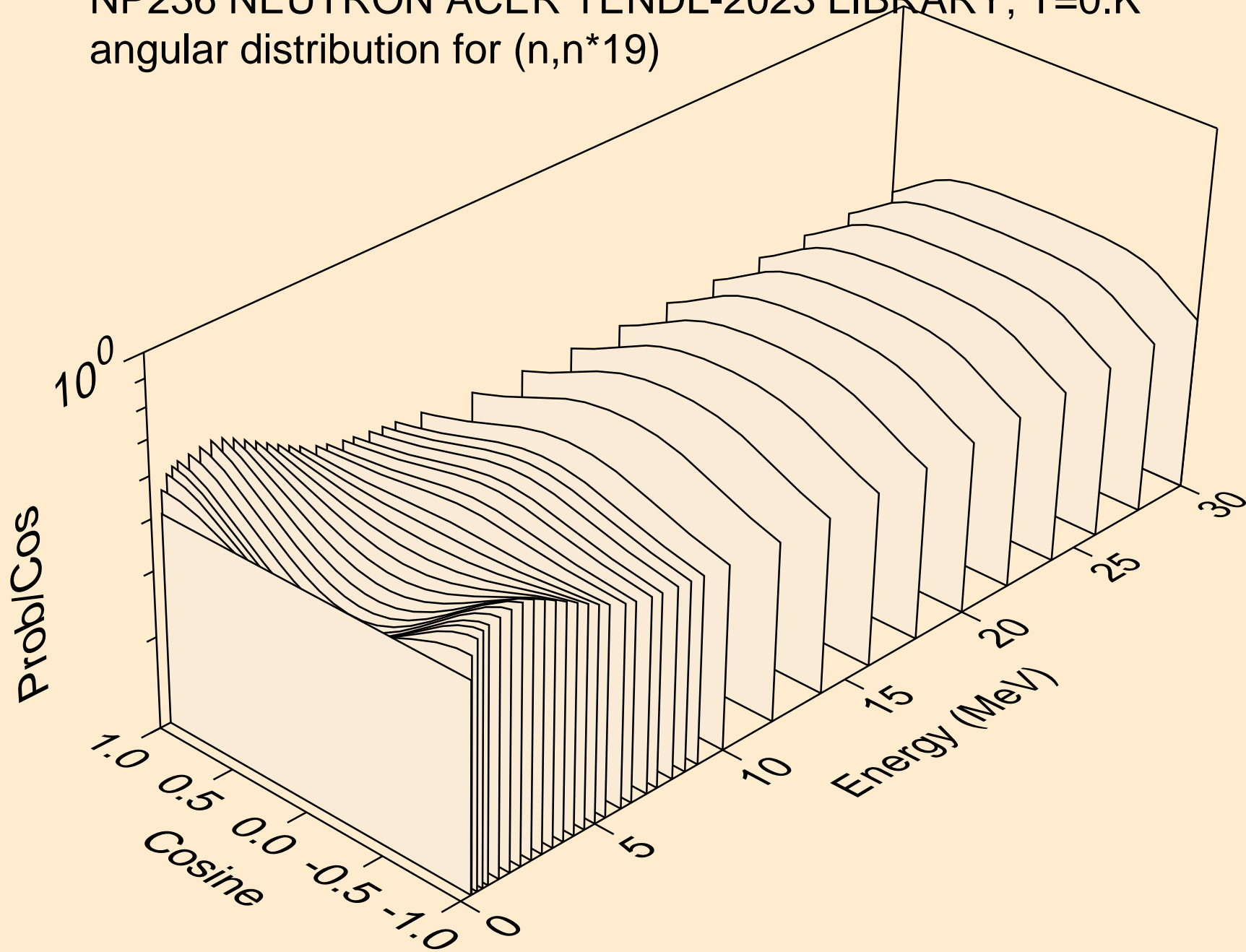




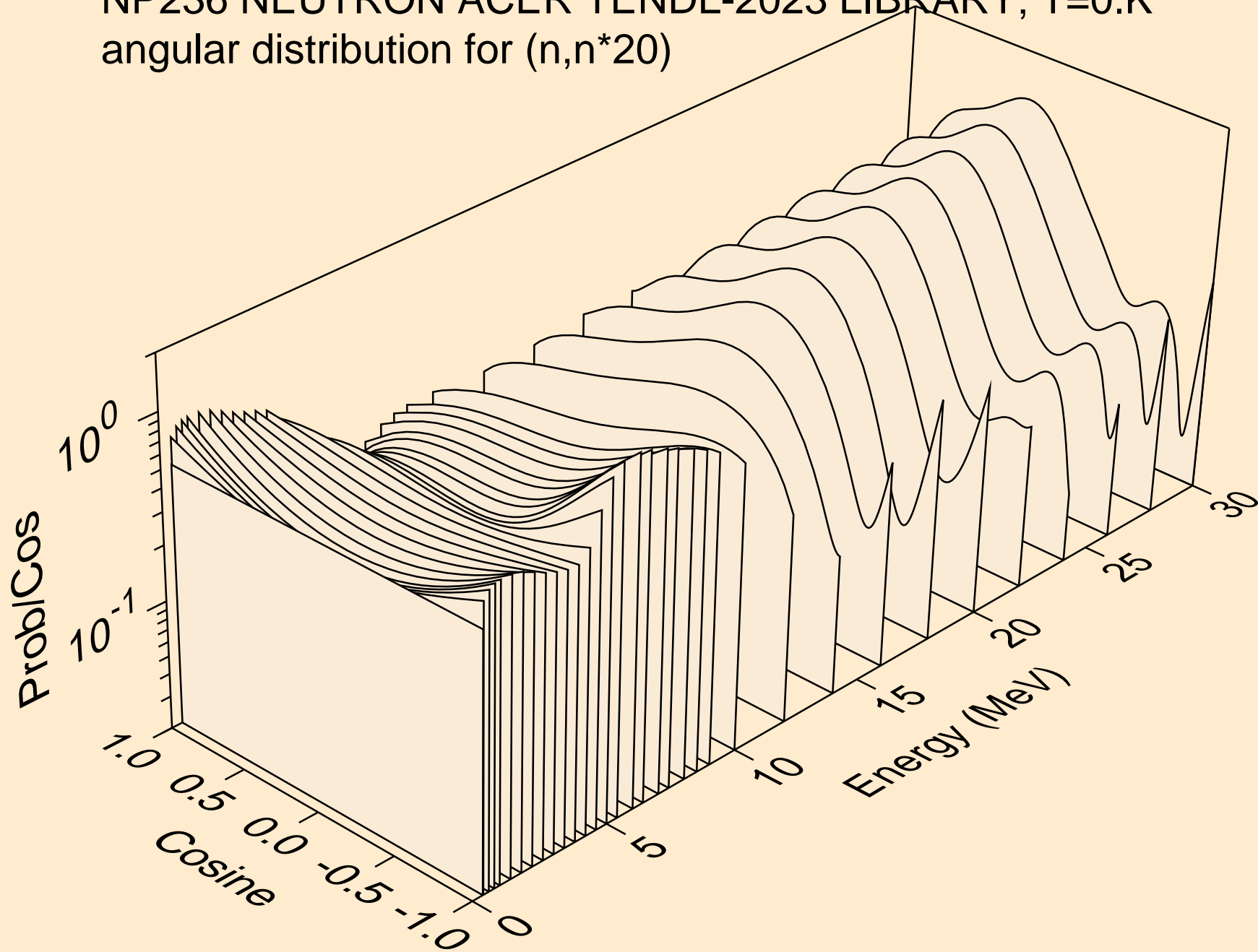
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



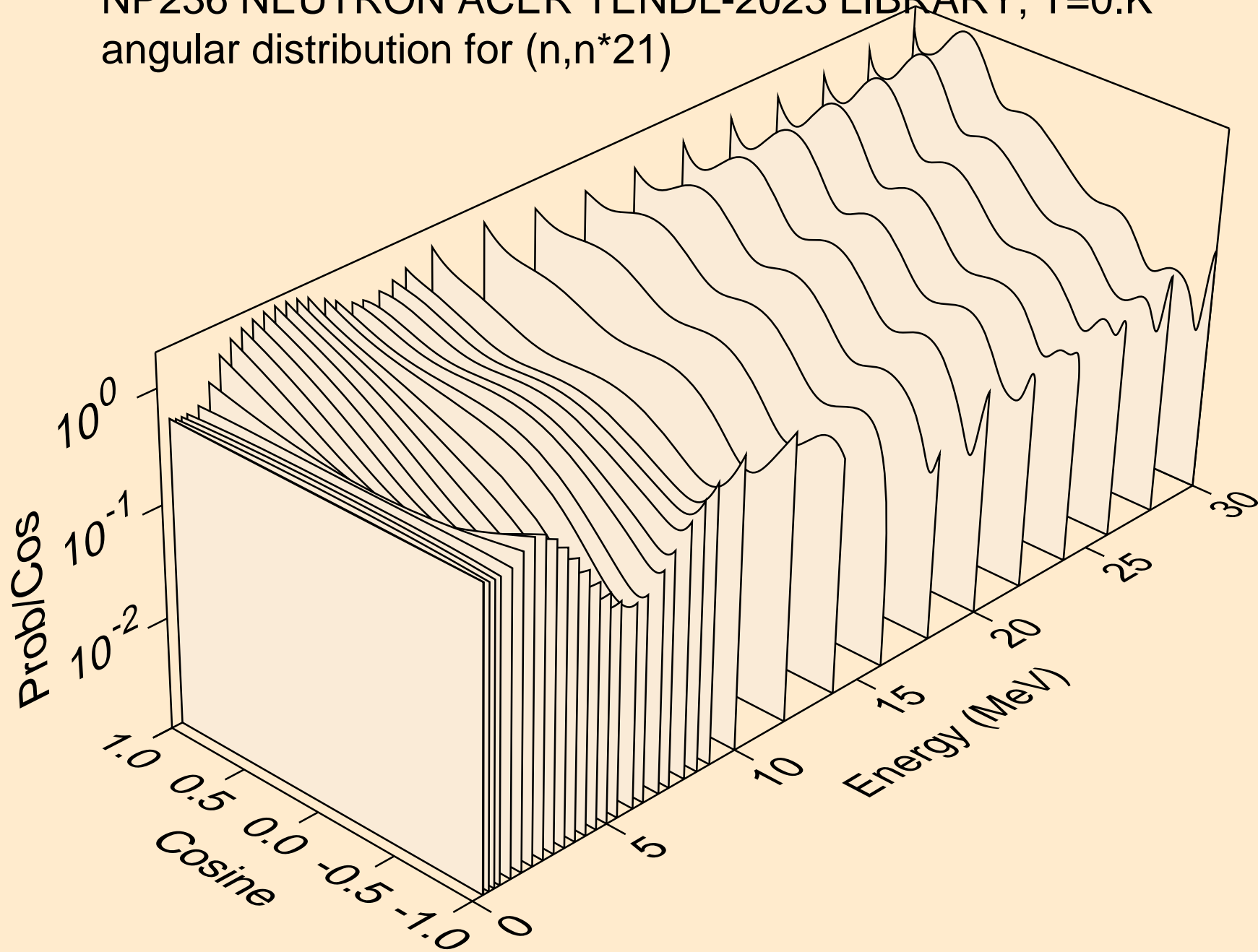
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



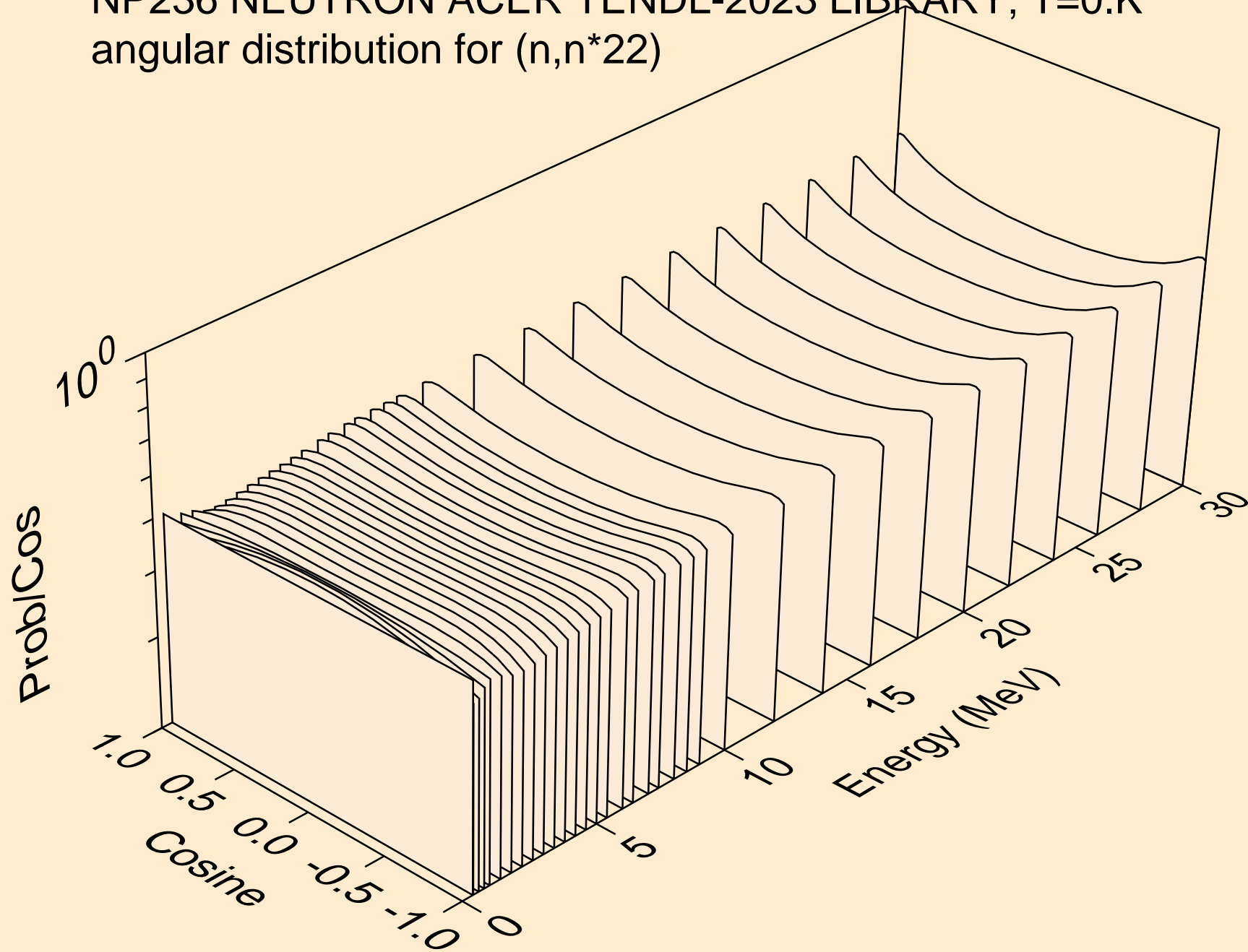
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



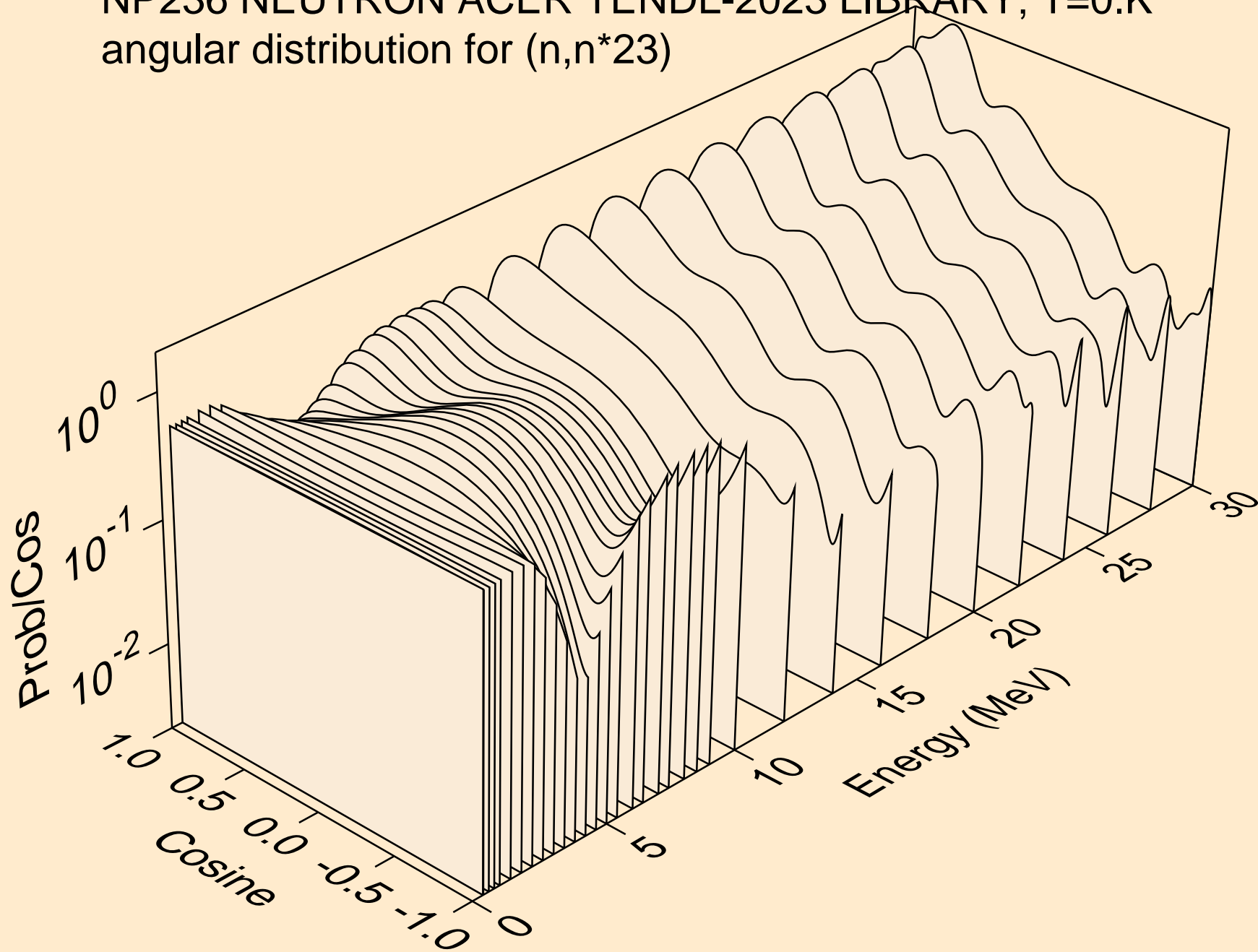
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



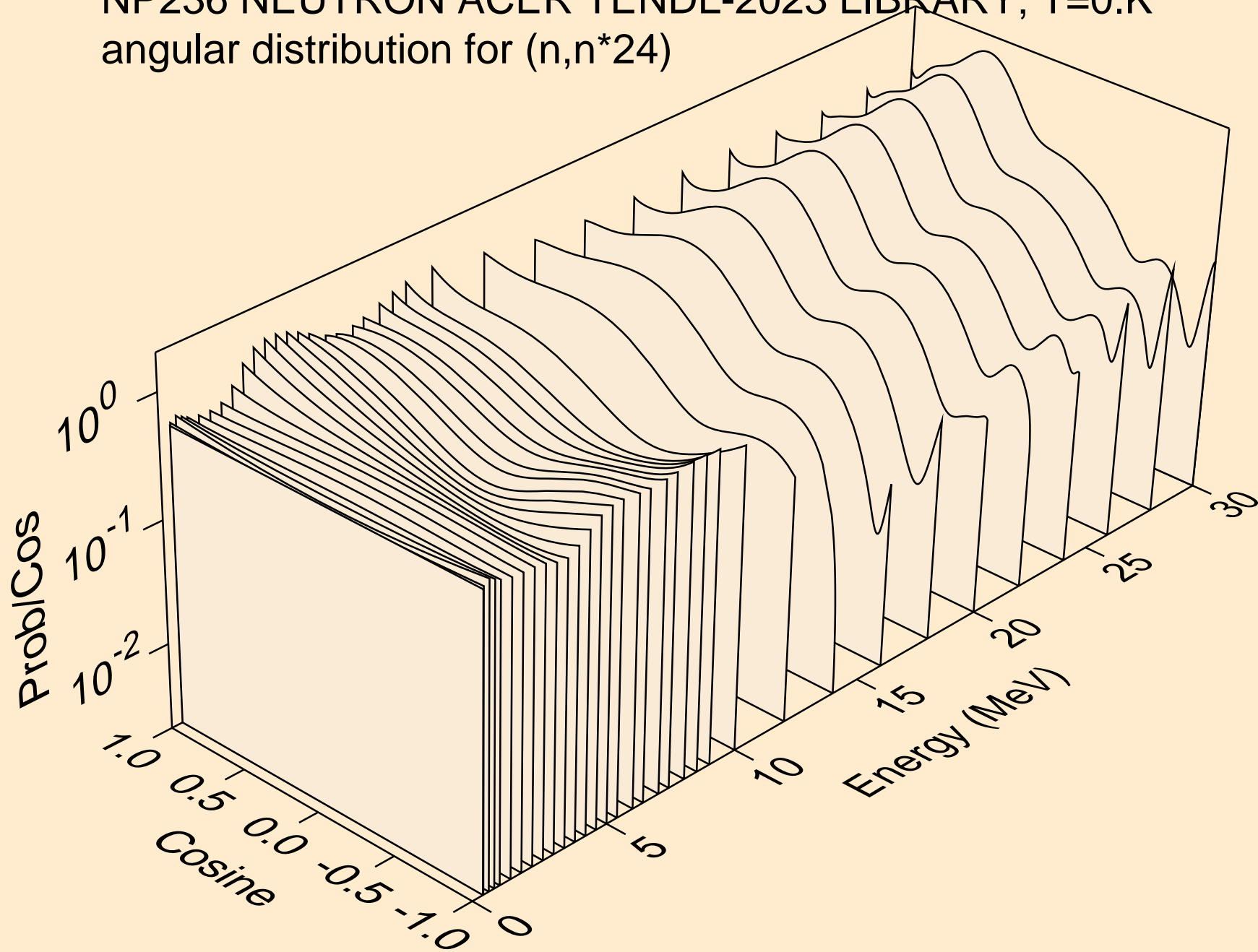
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



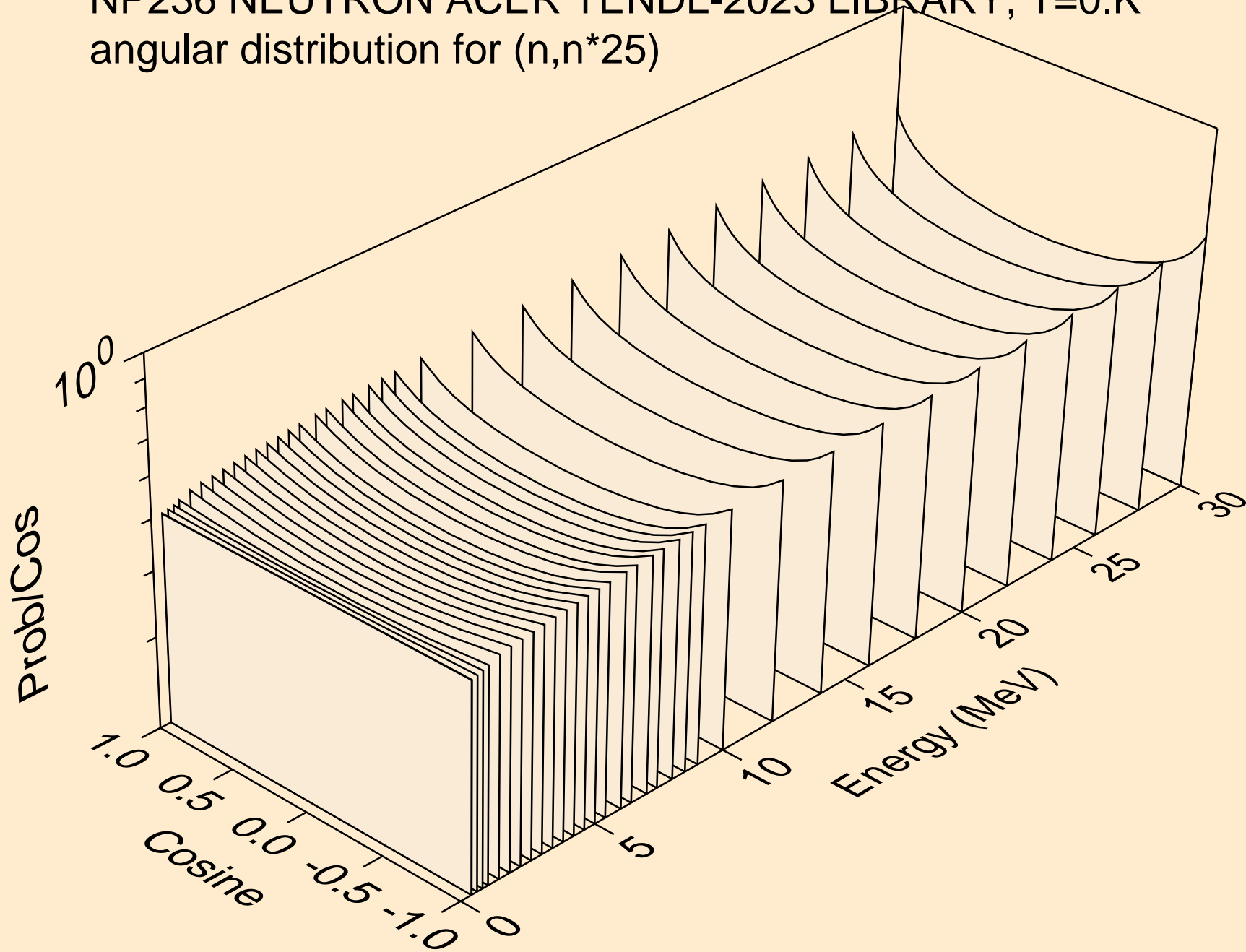
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

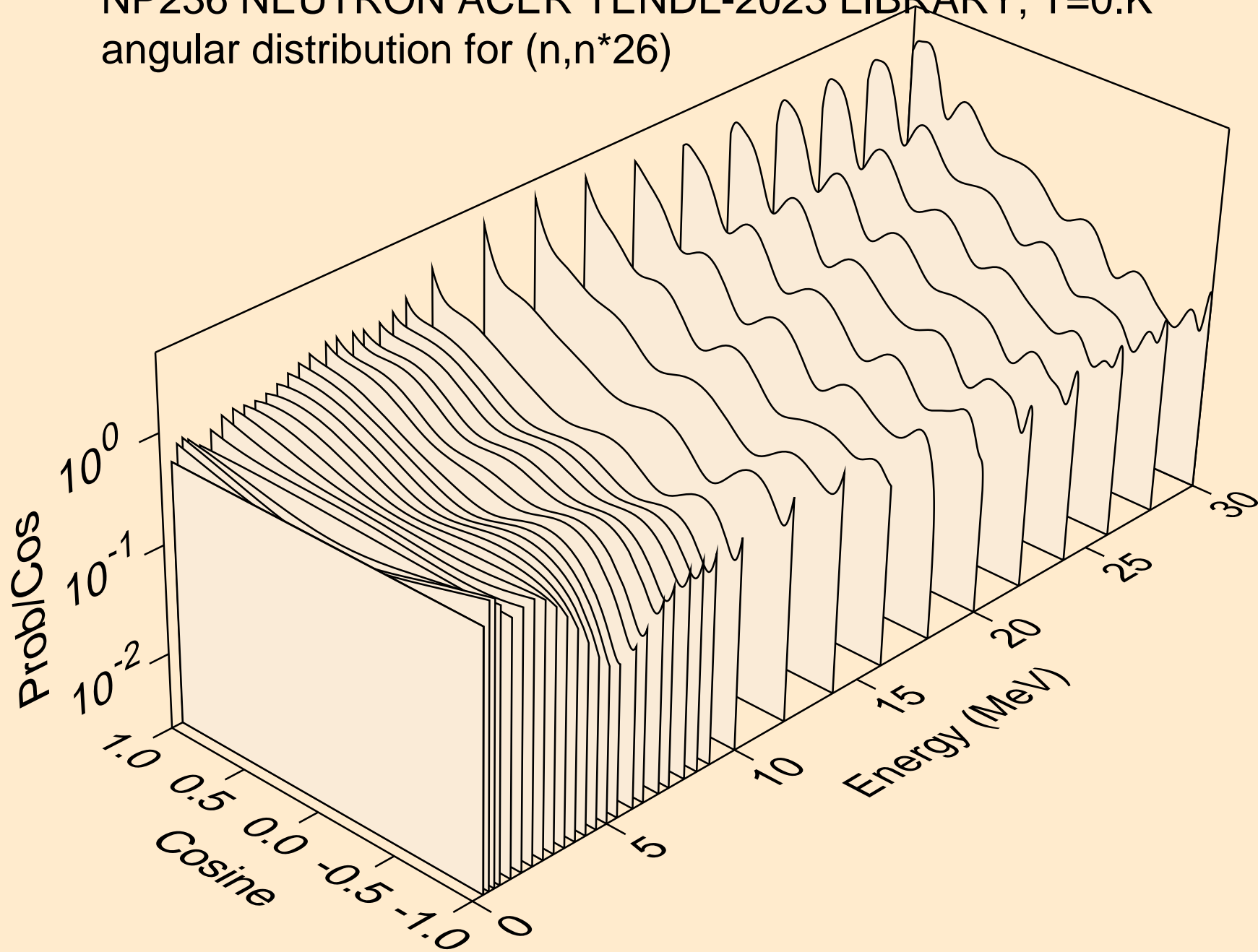


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



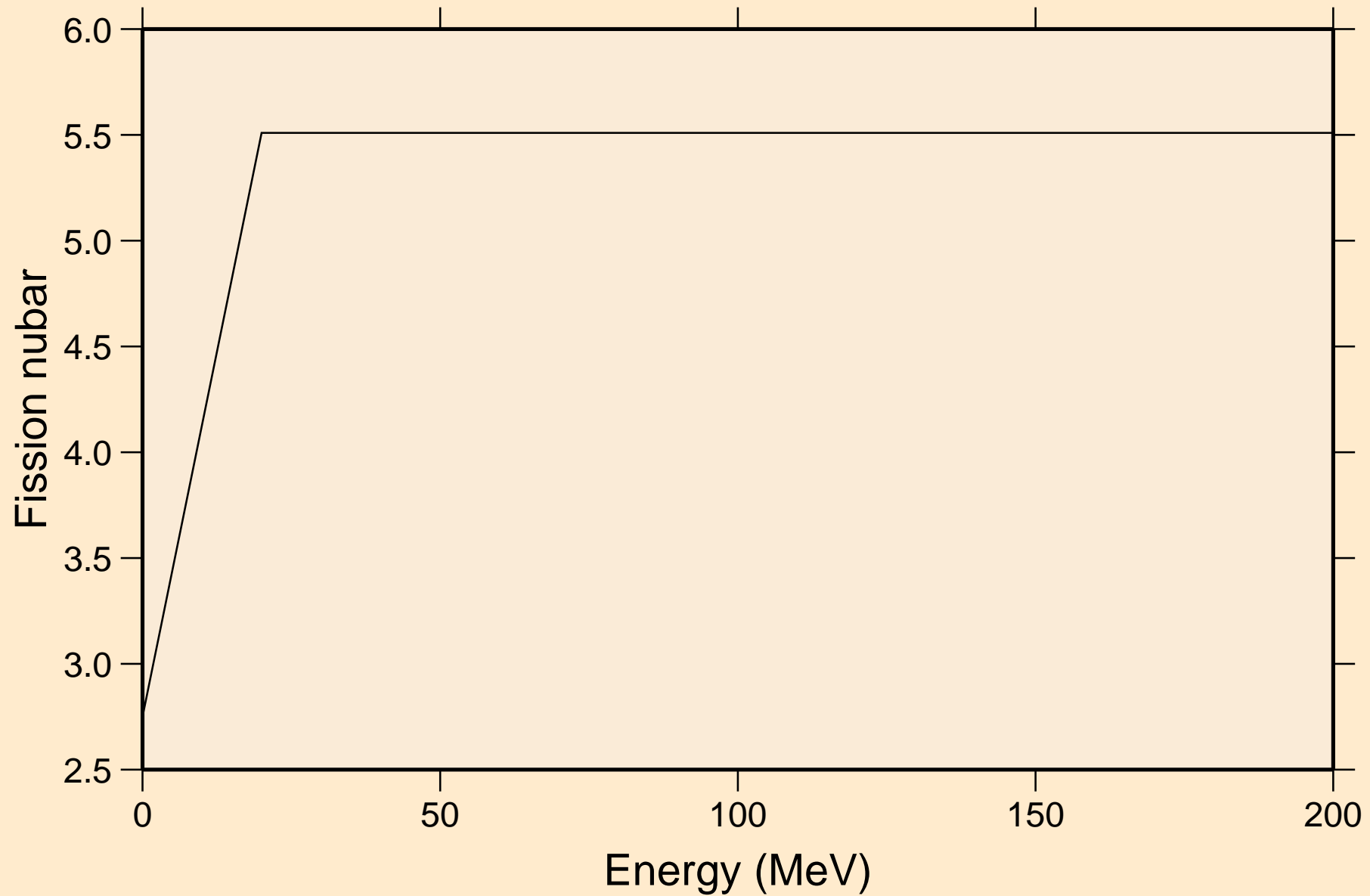


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

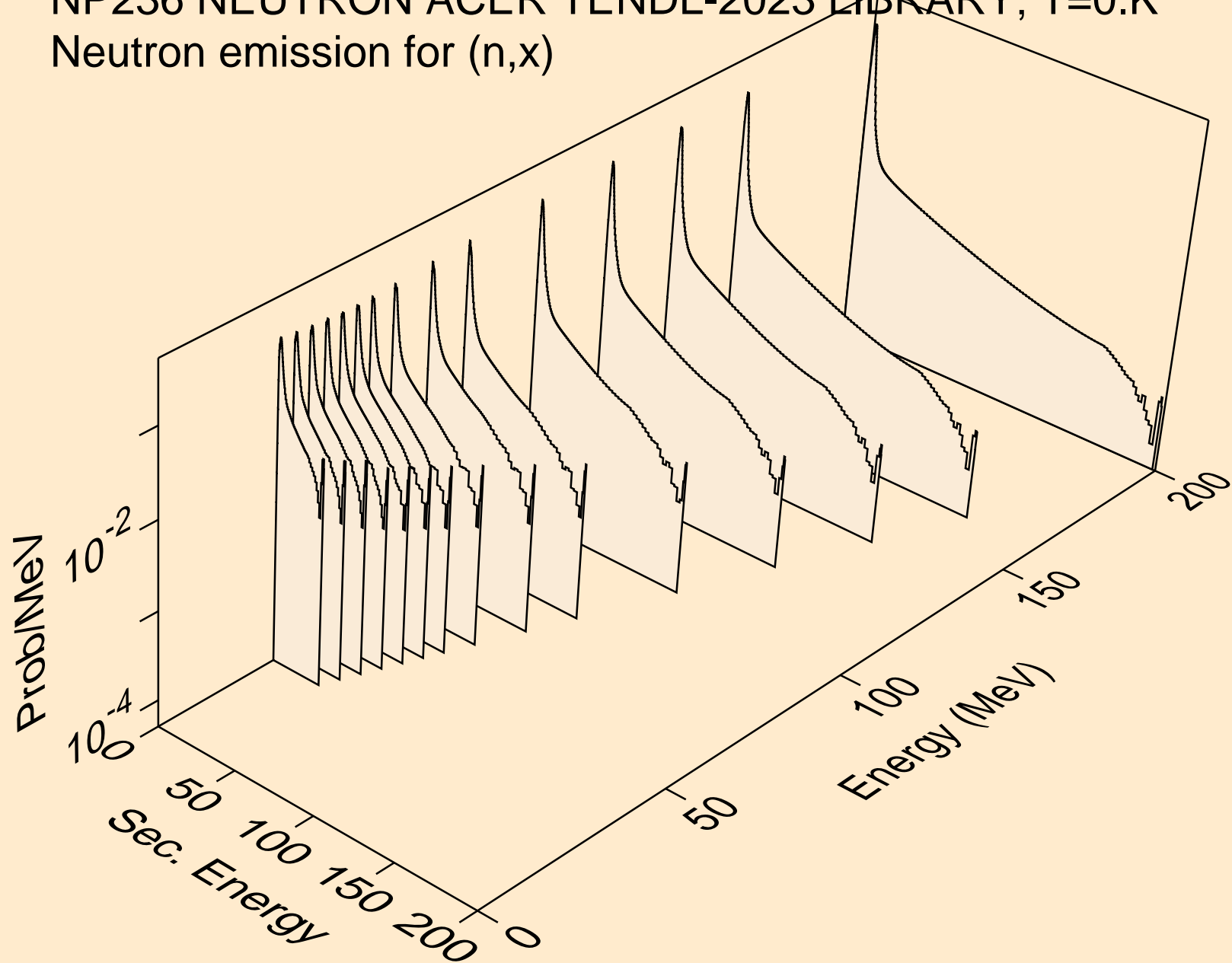


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

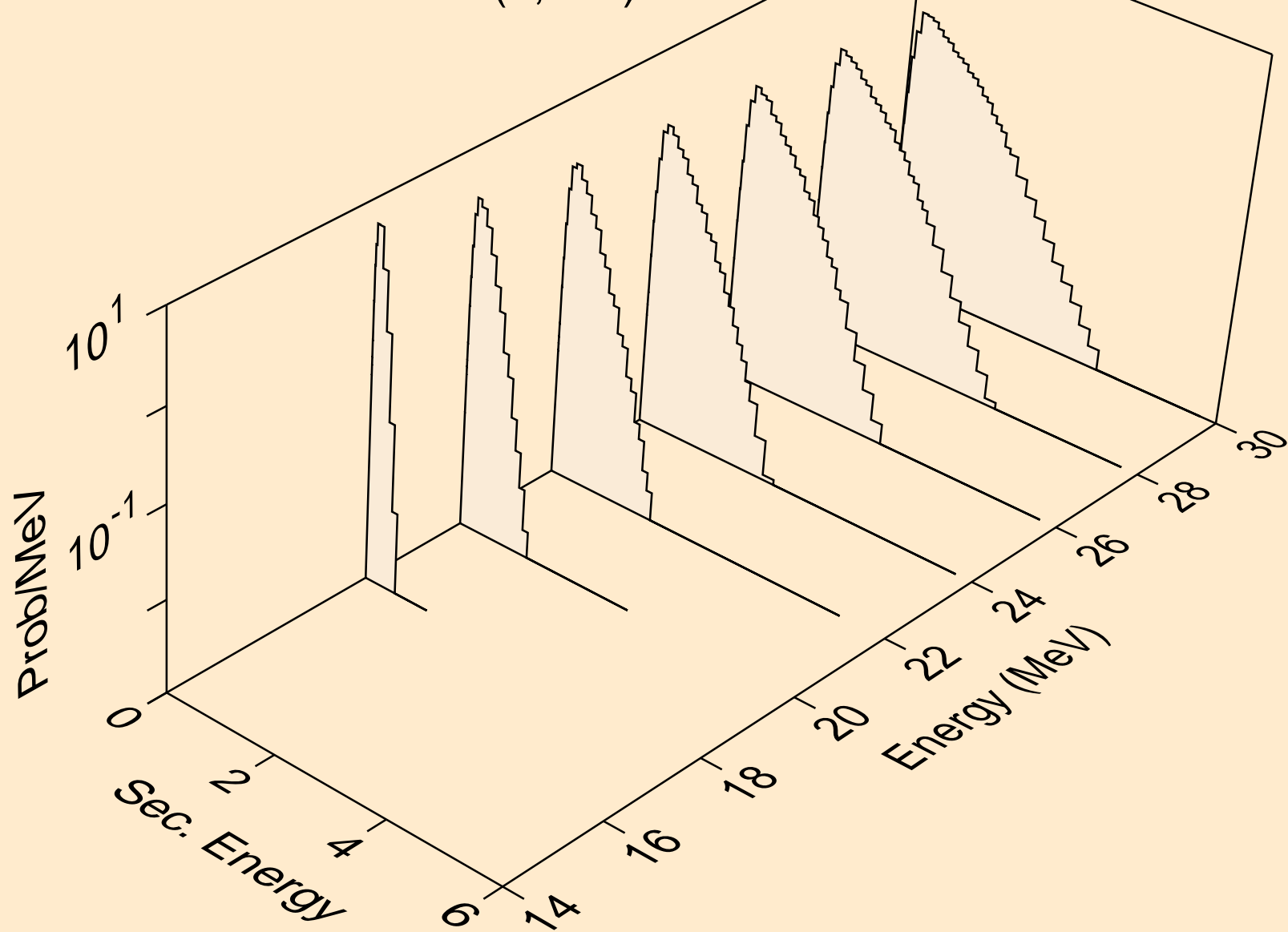
## Total fission nubar



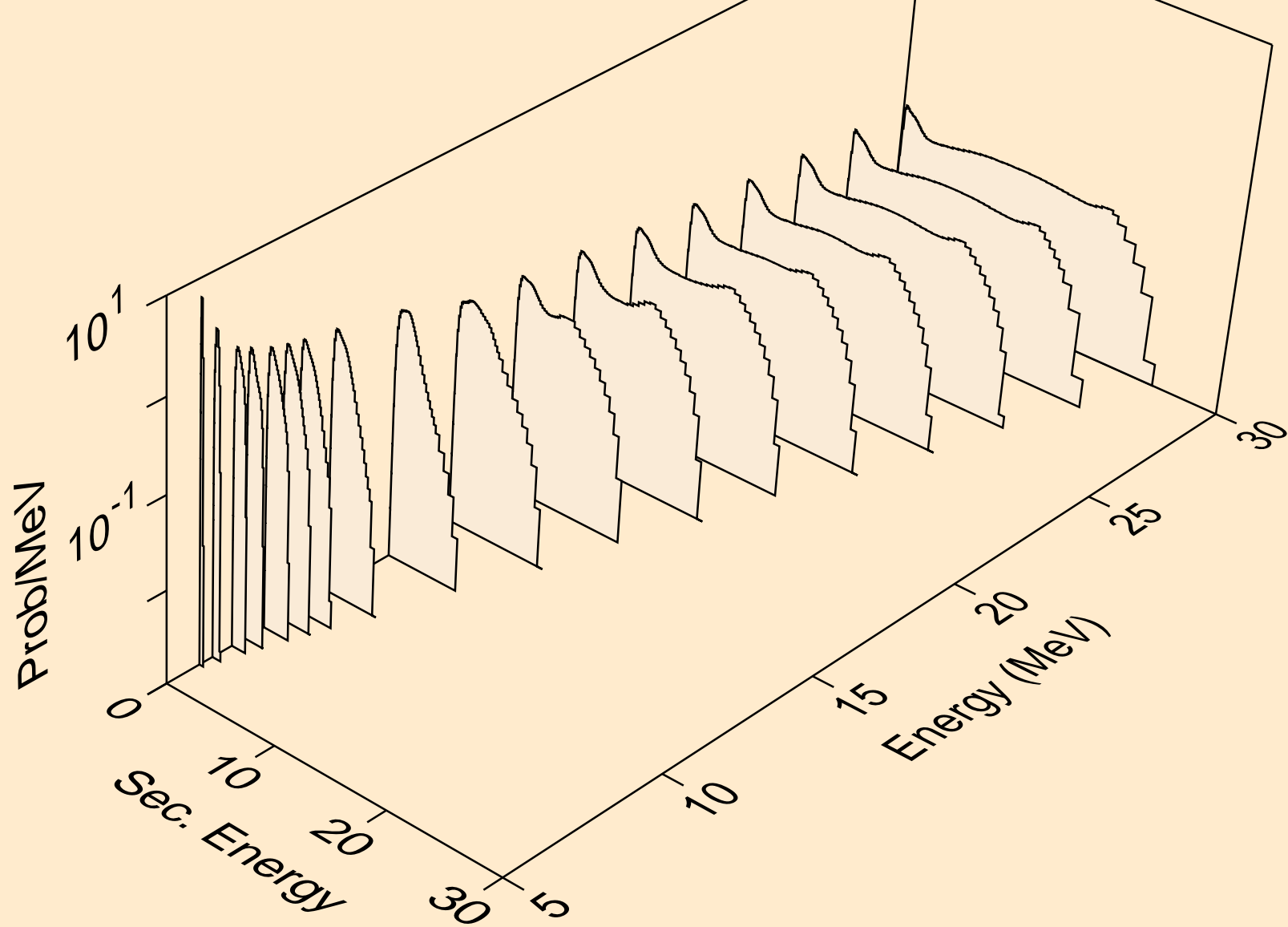
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



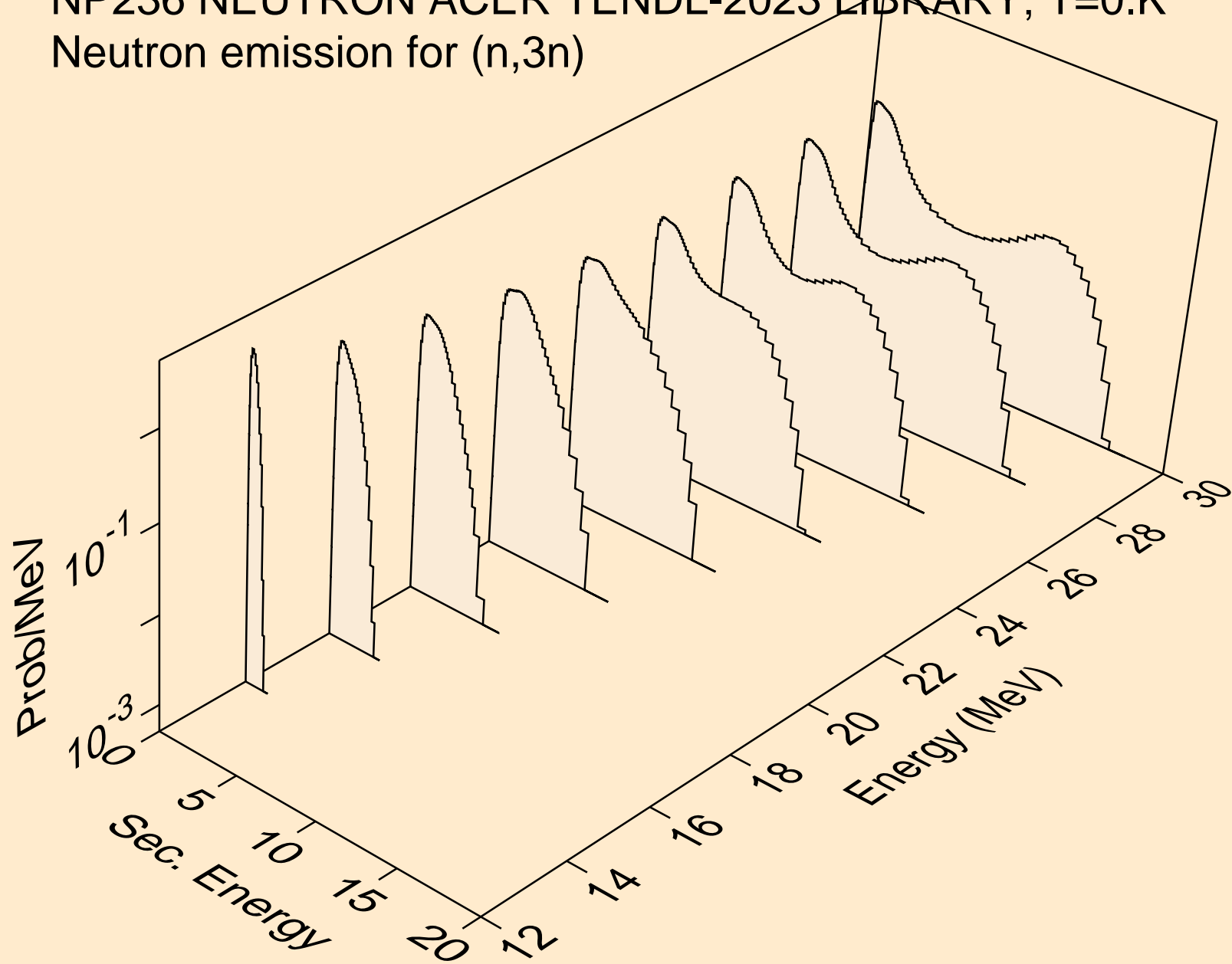
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



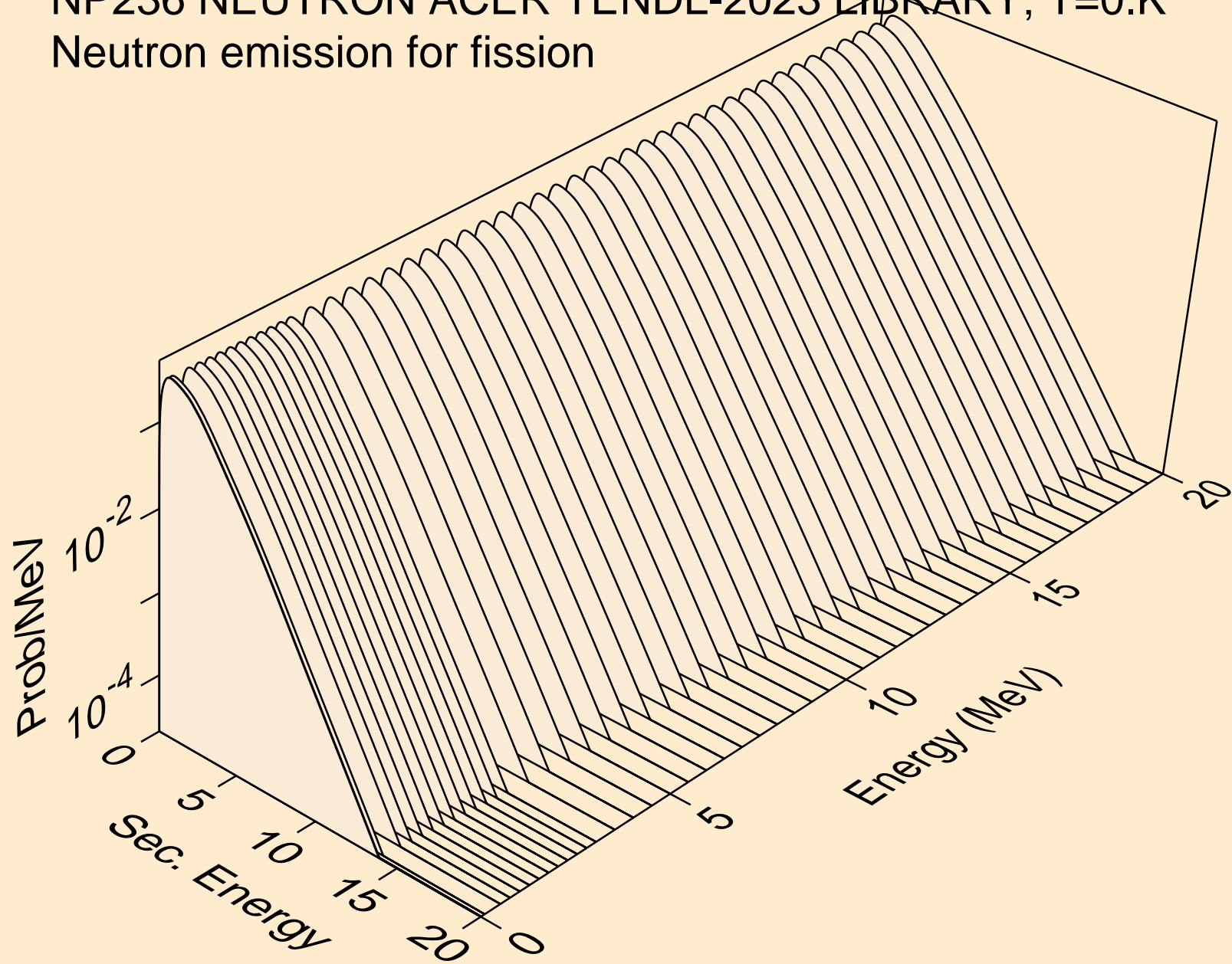
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



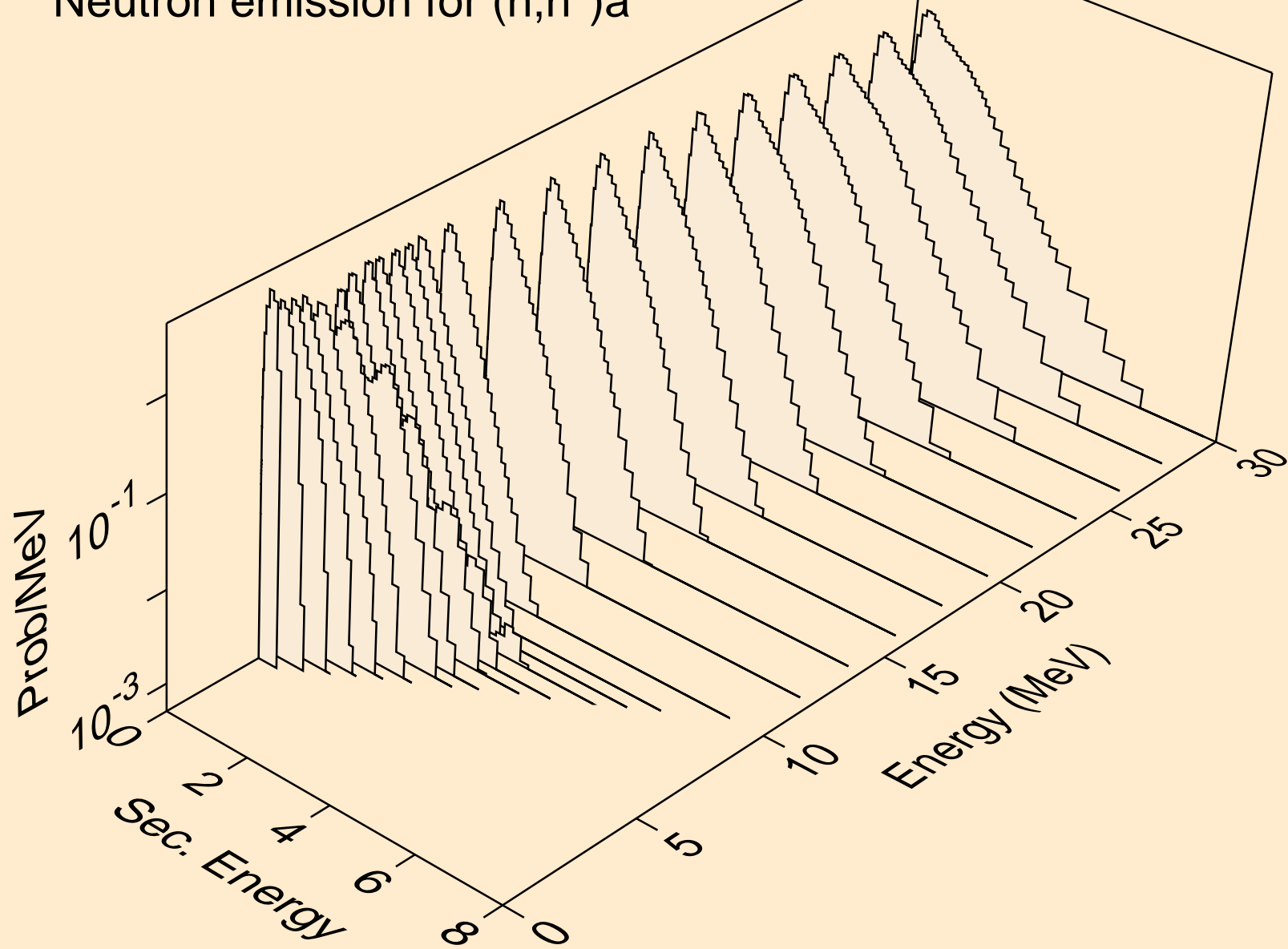
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

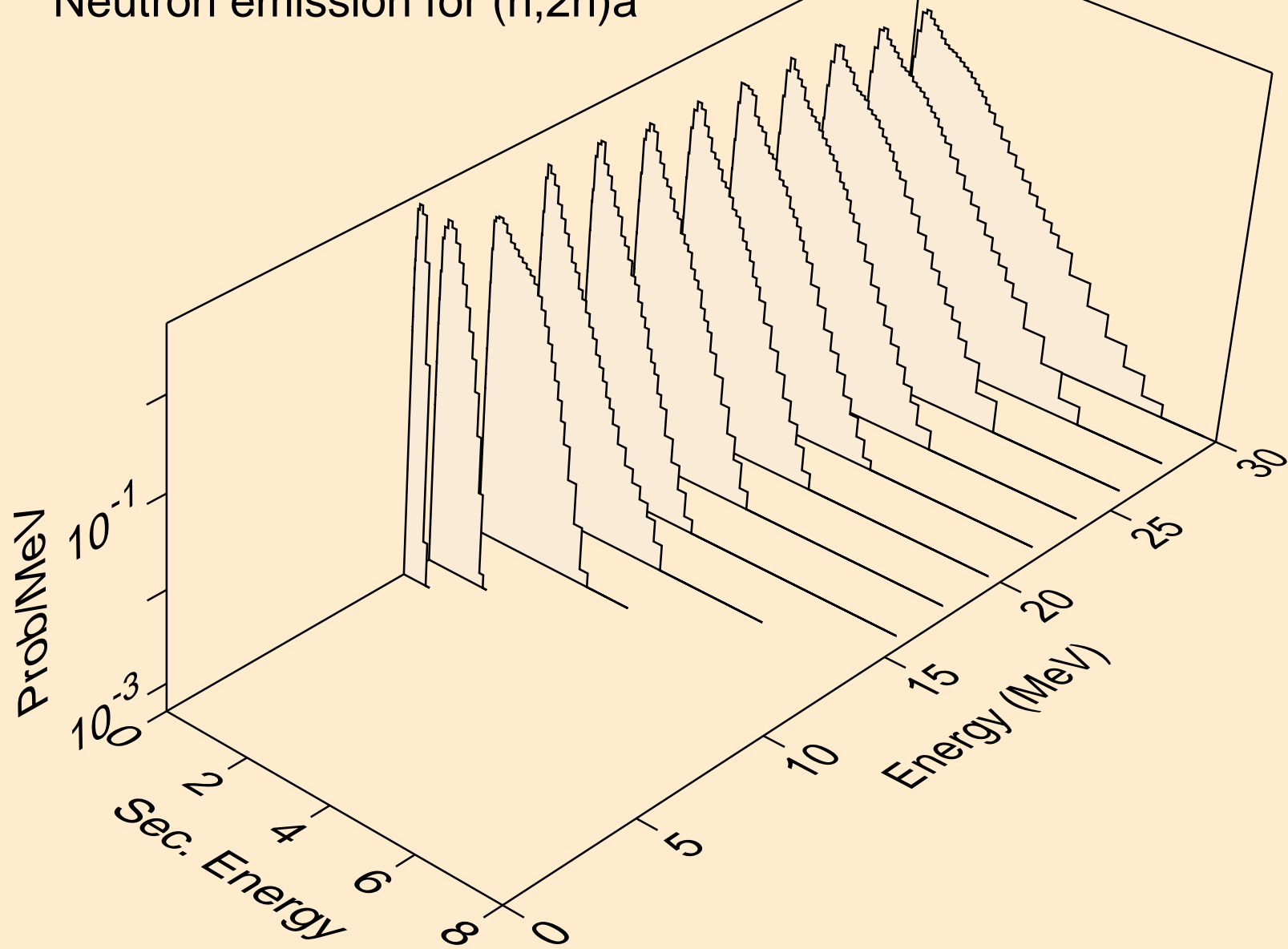


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

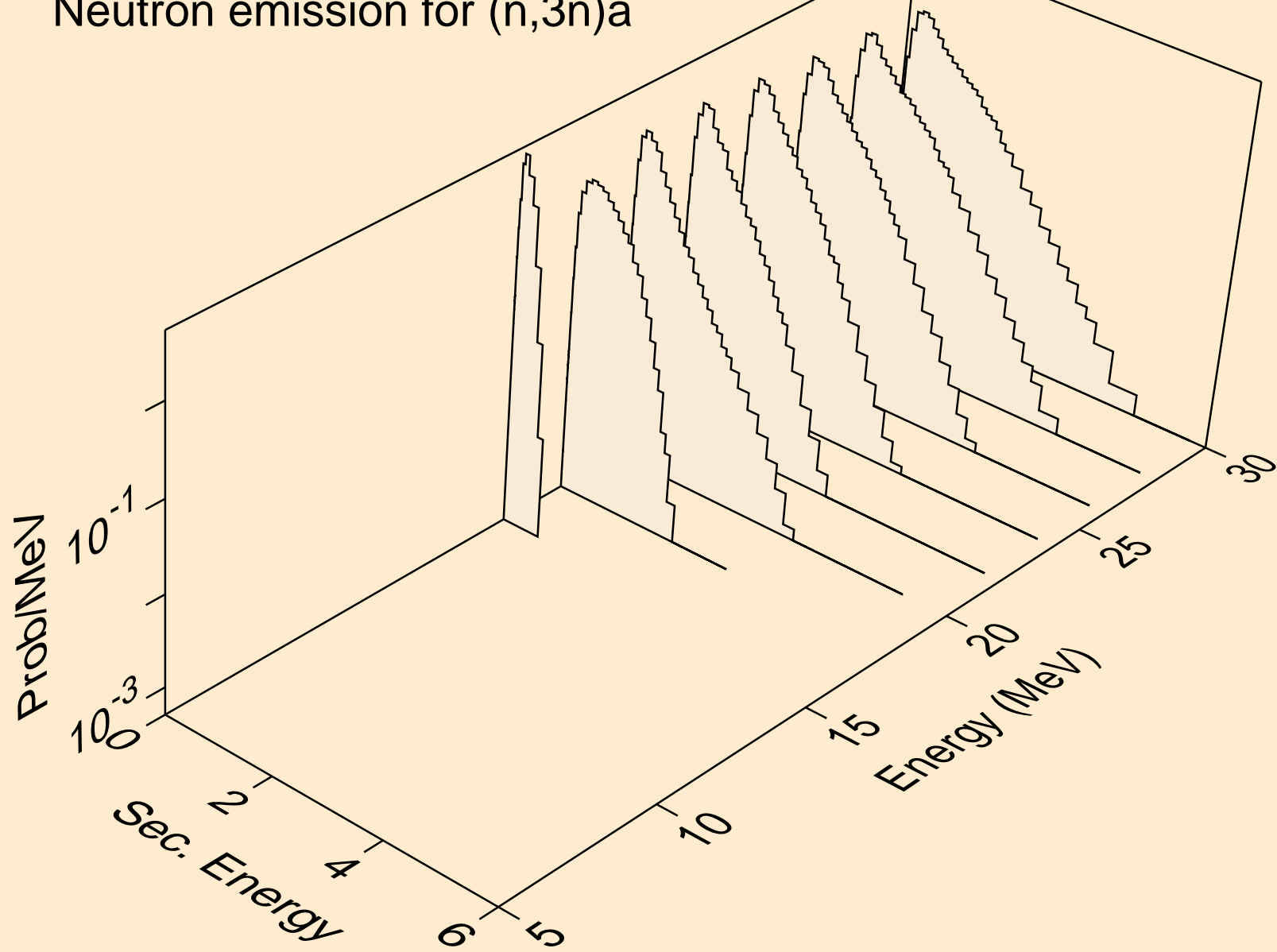




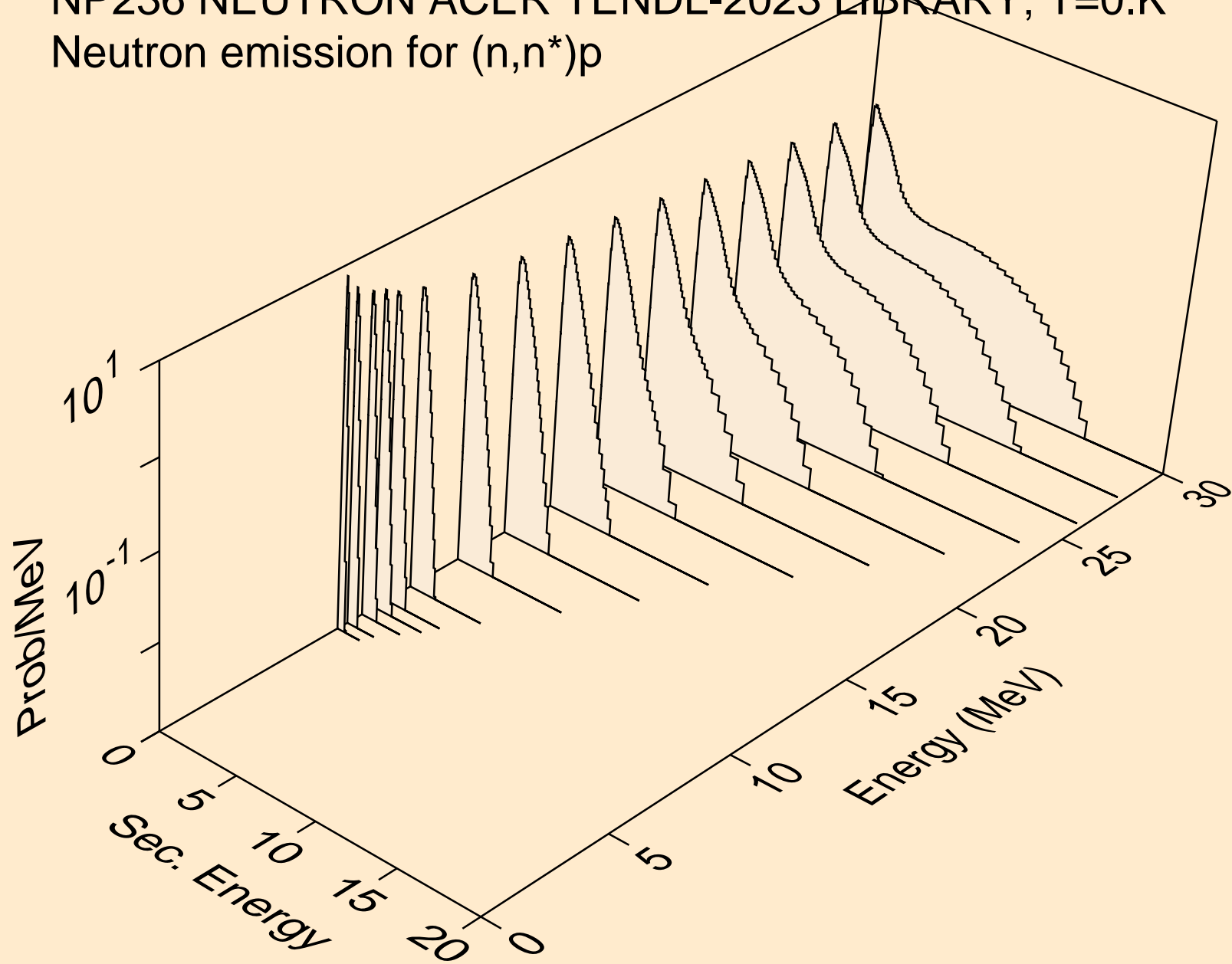
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



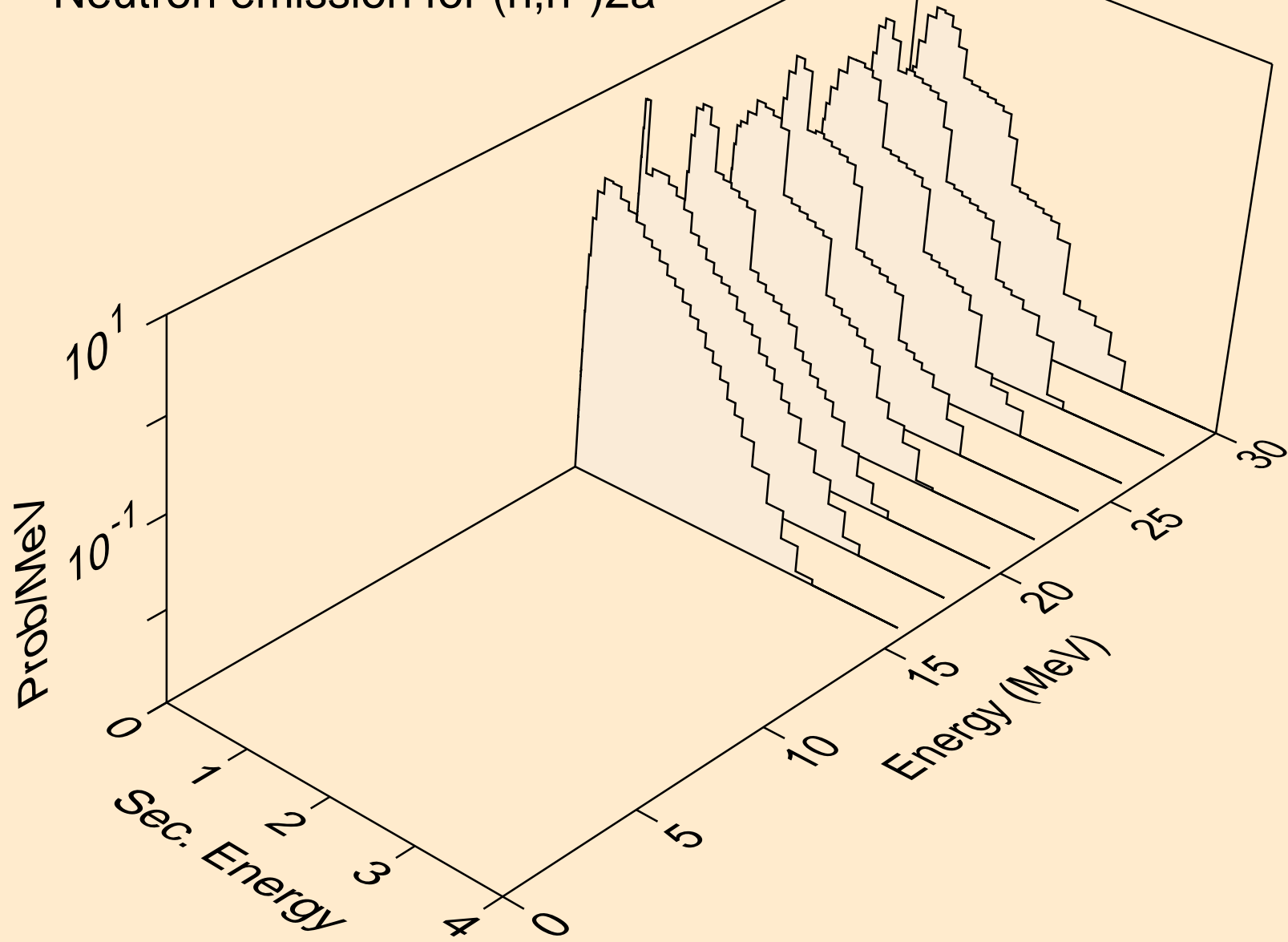
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



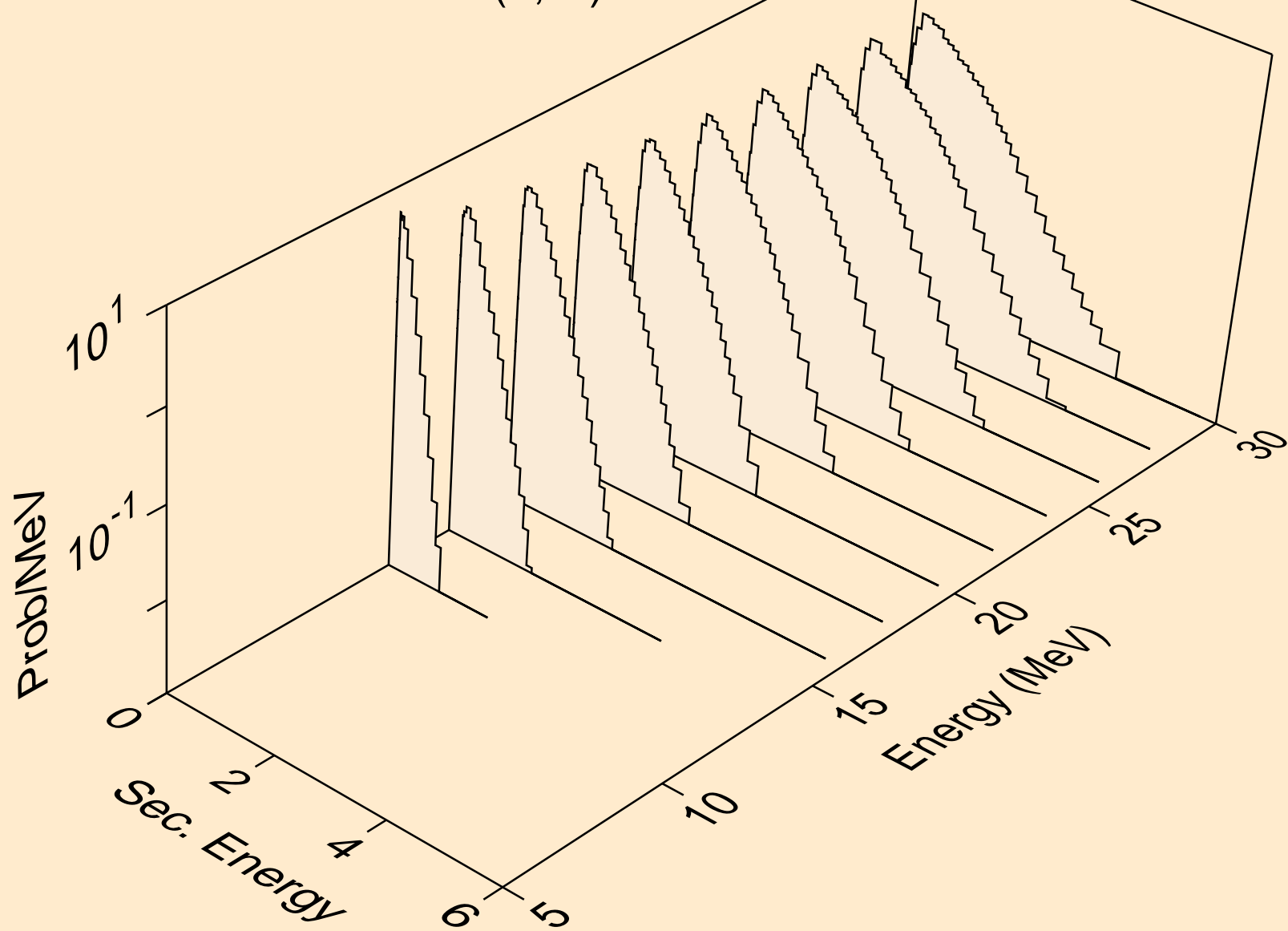
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



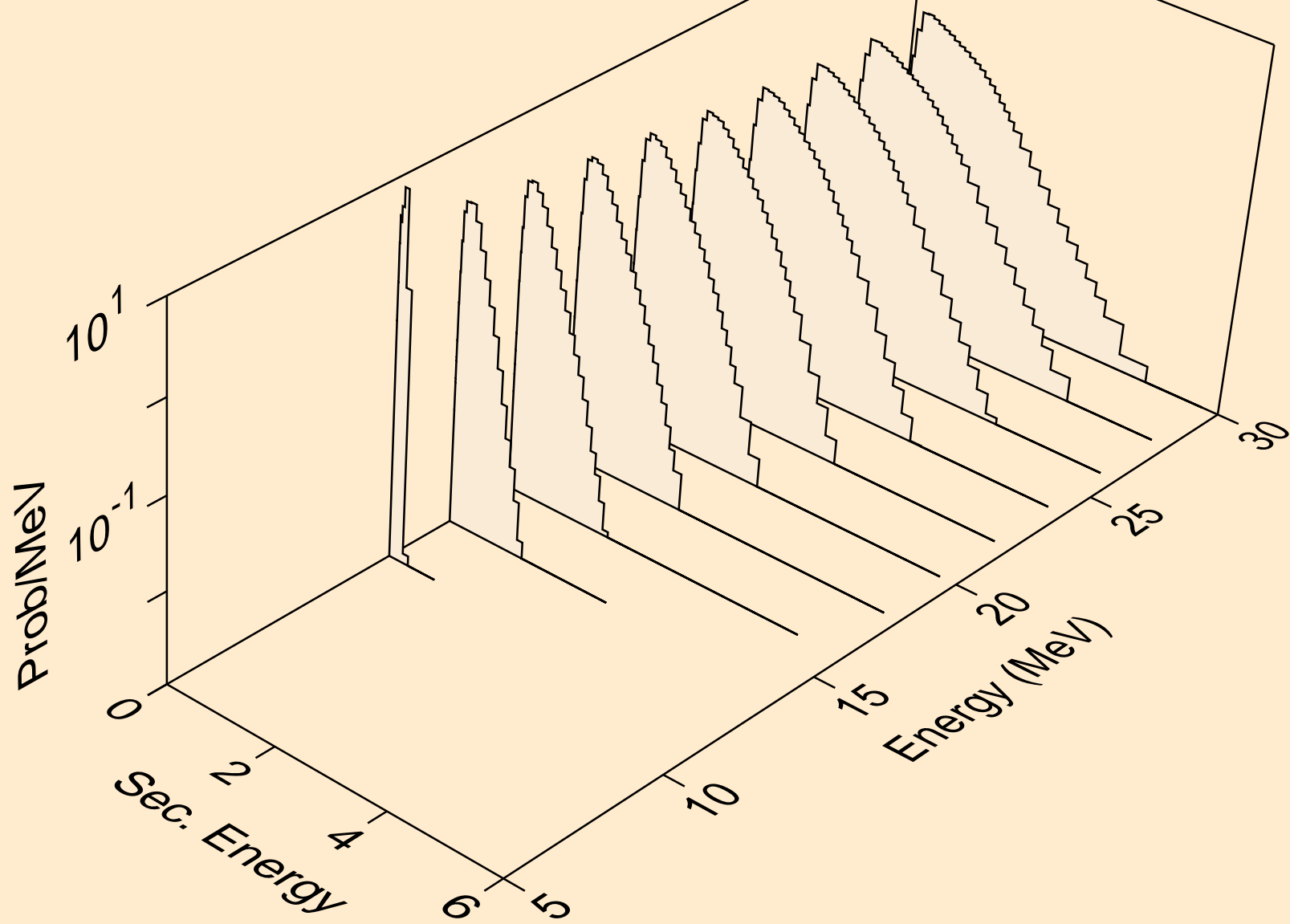
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



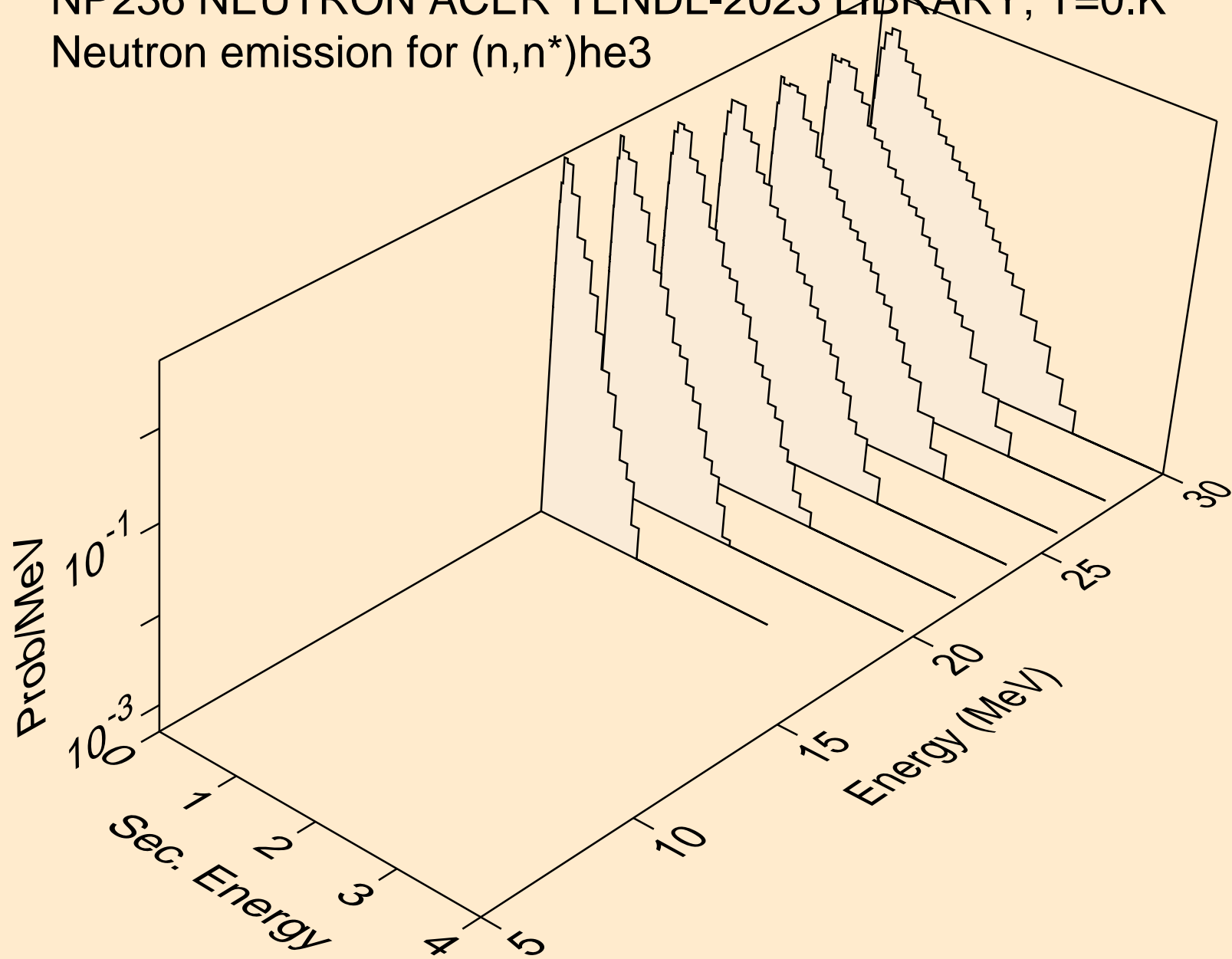
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



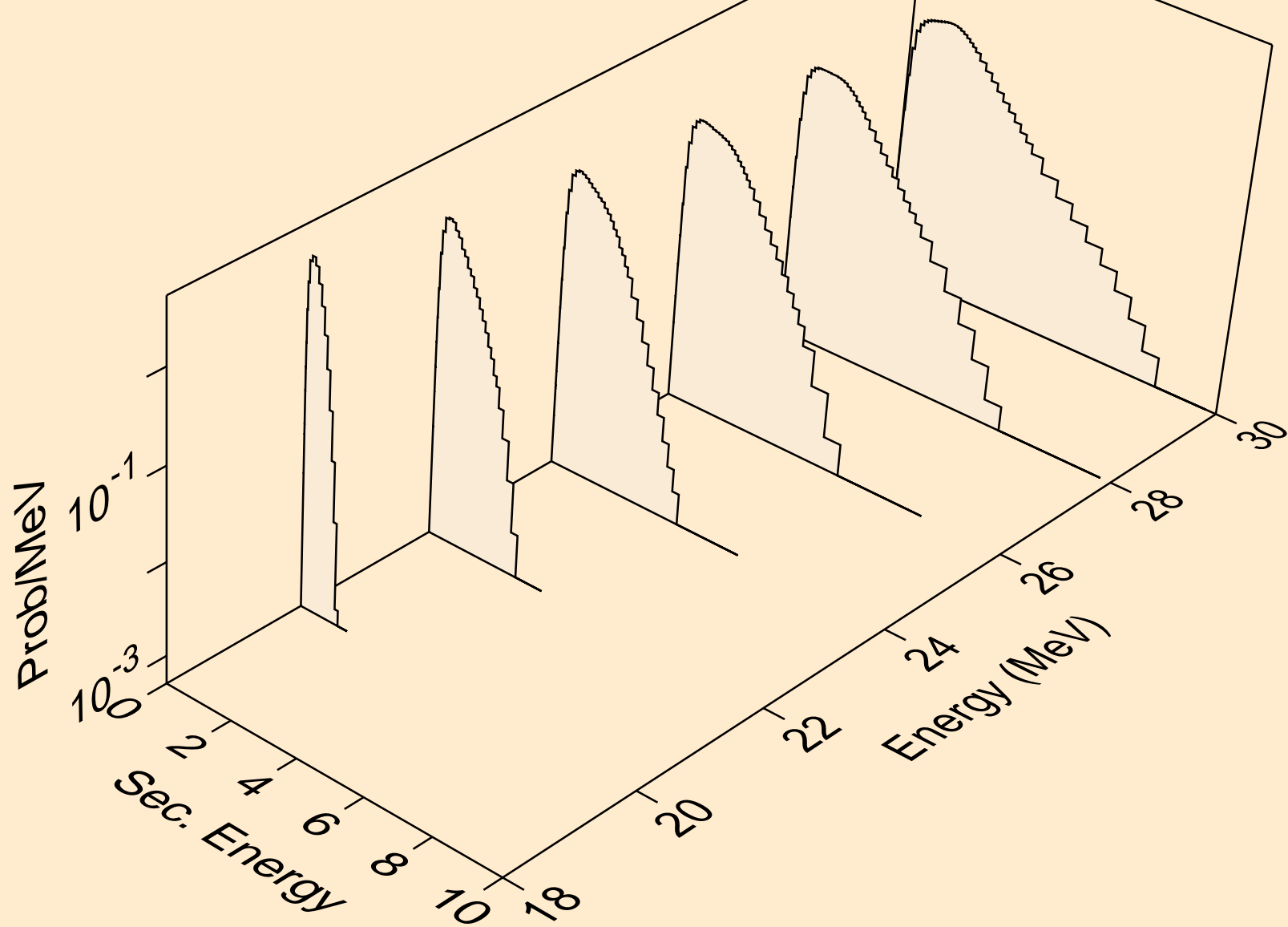
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

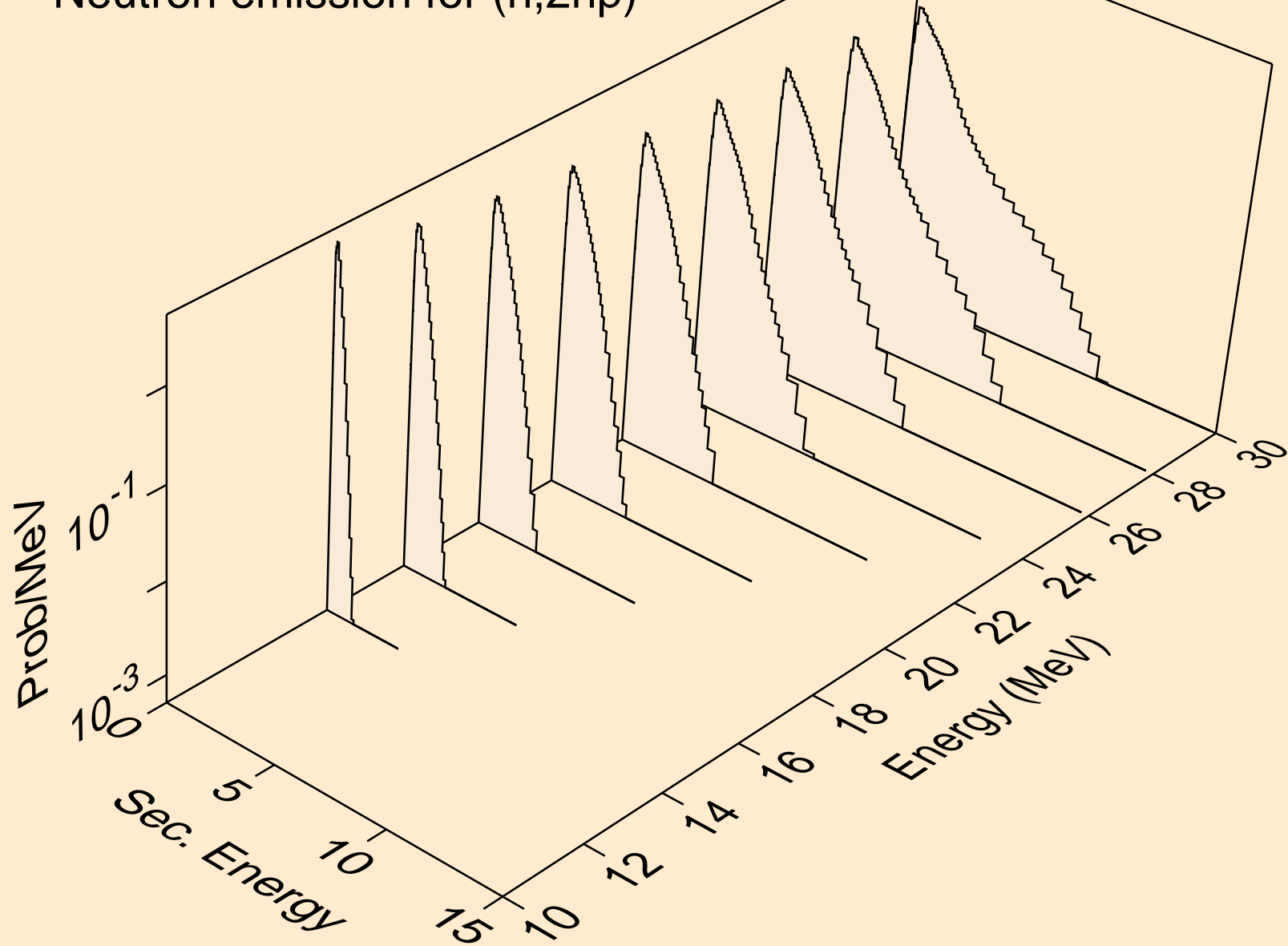


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

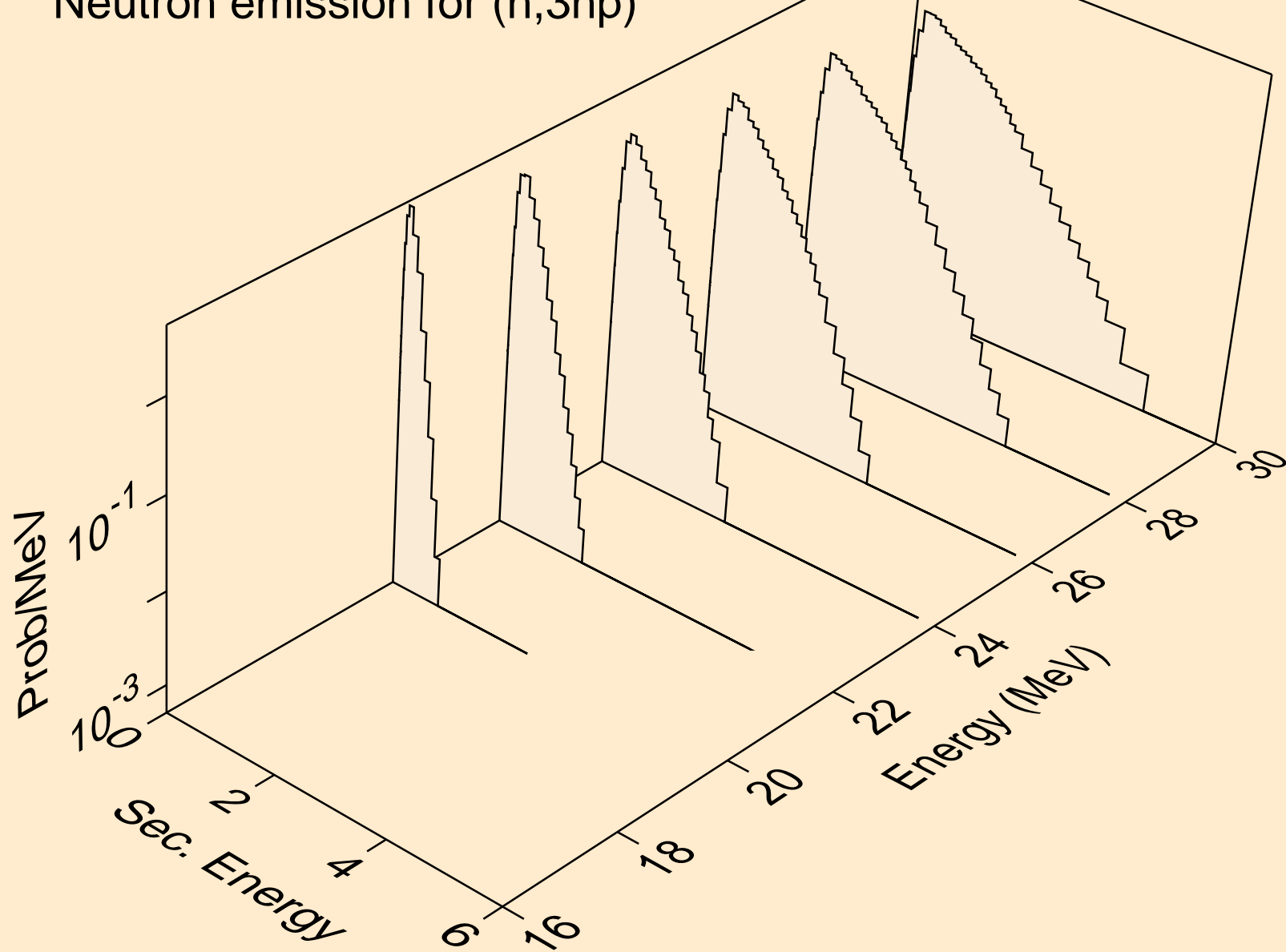




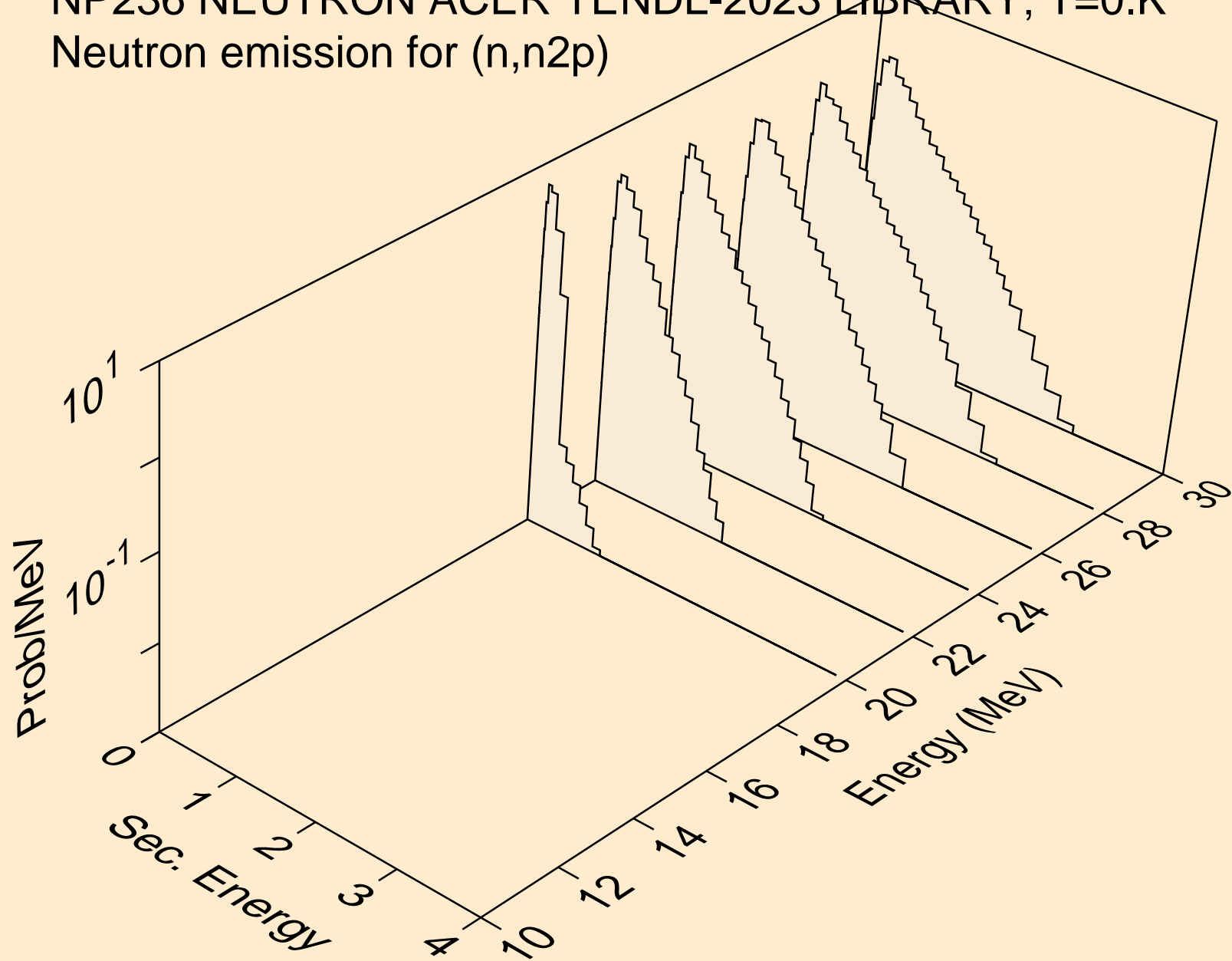
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



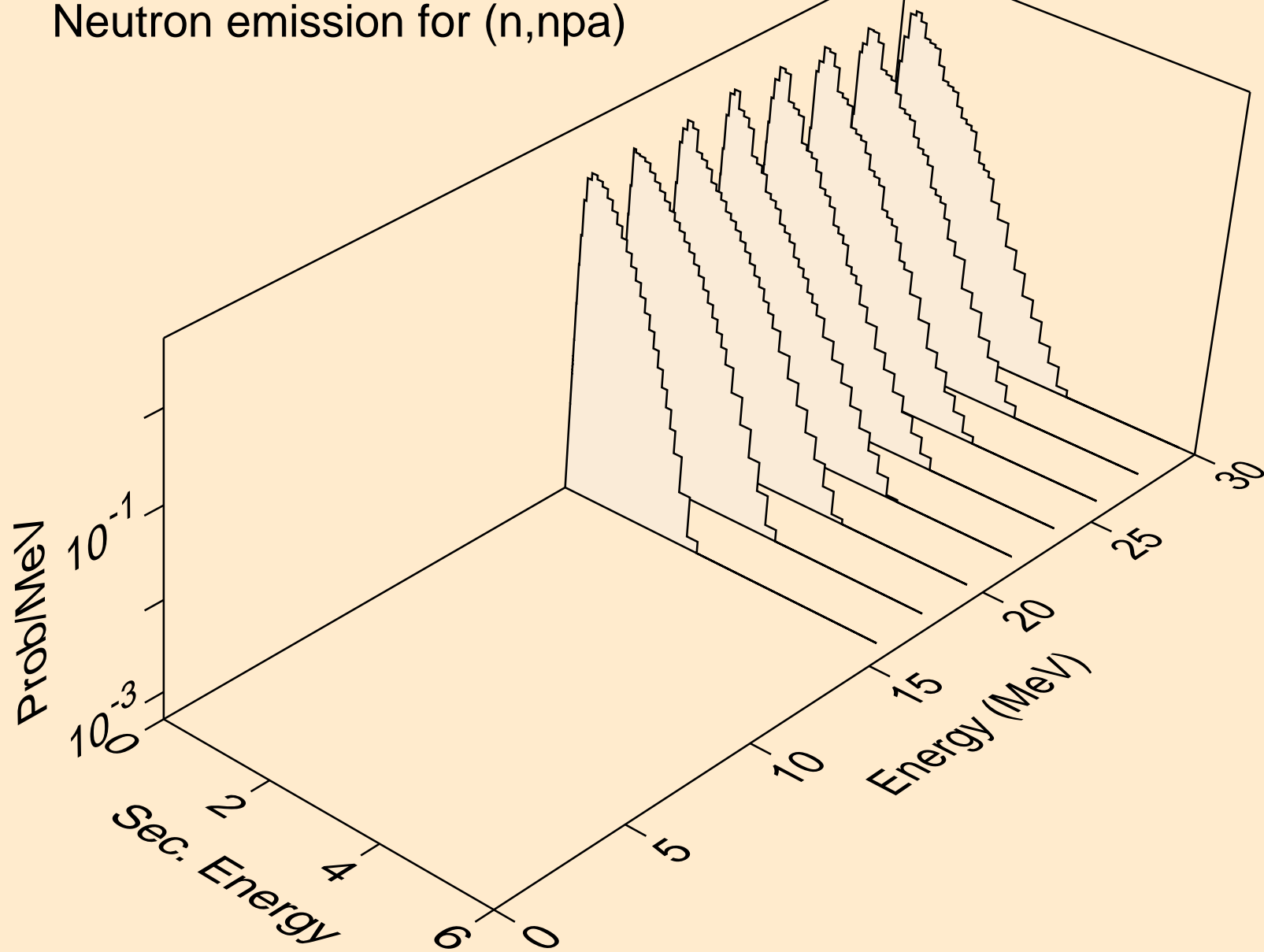
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



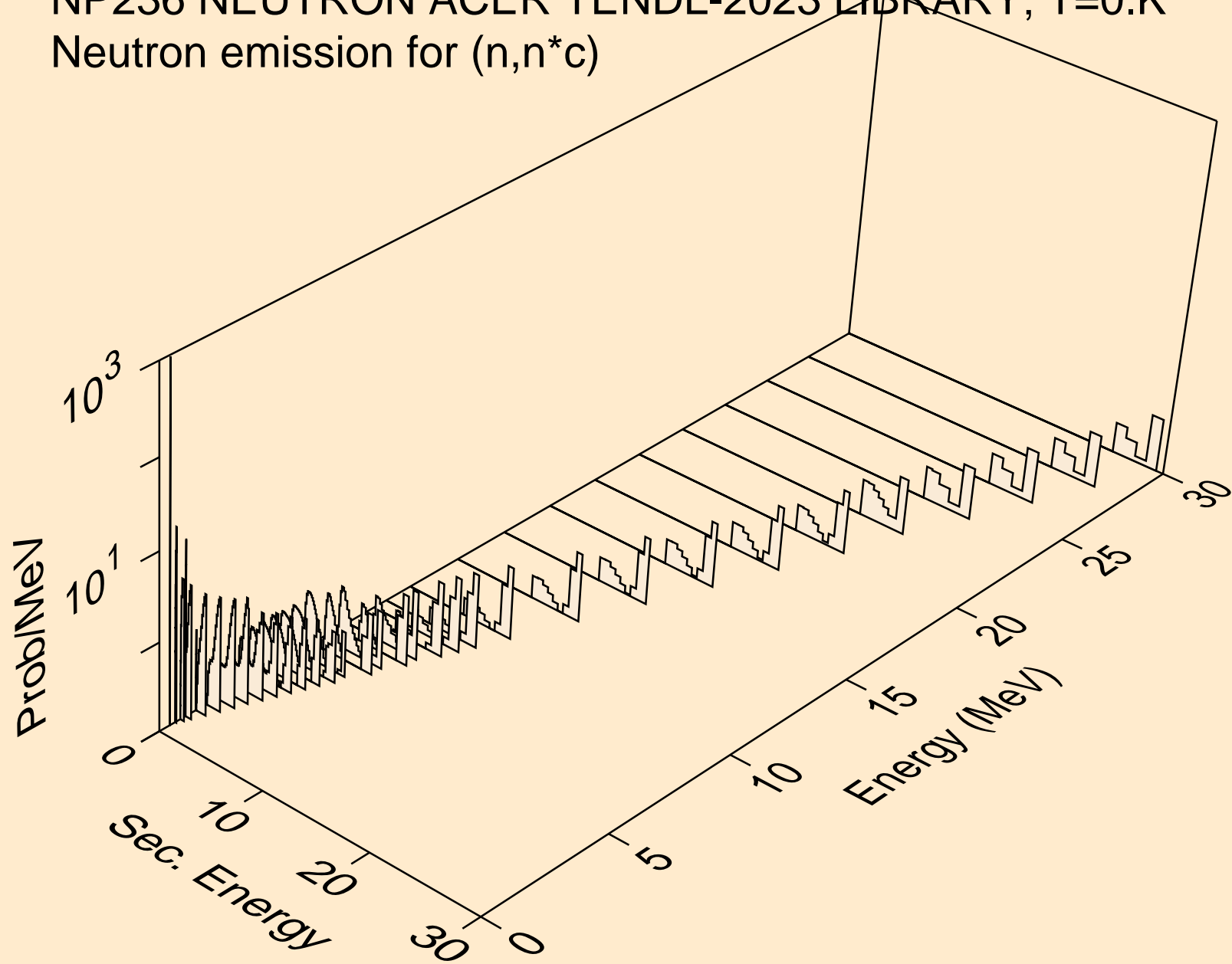
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

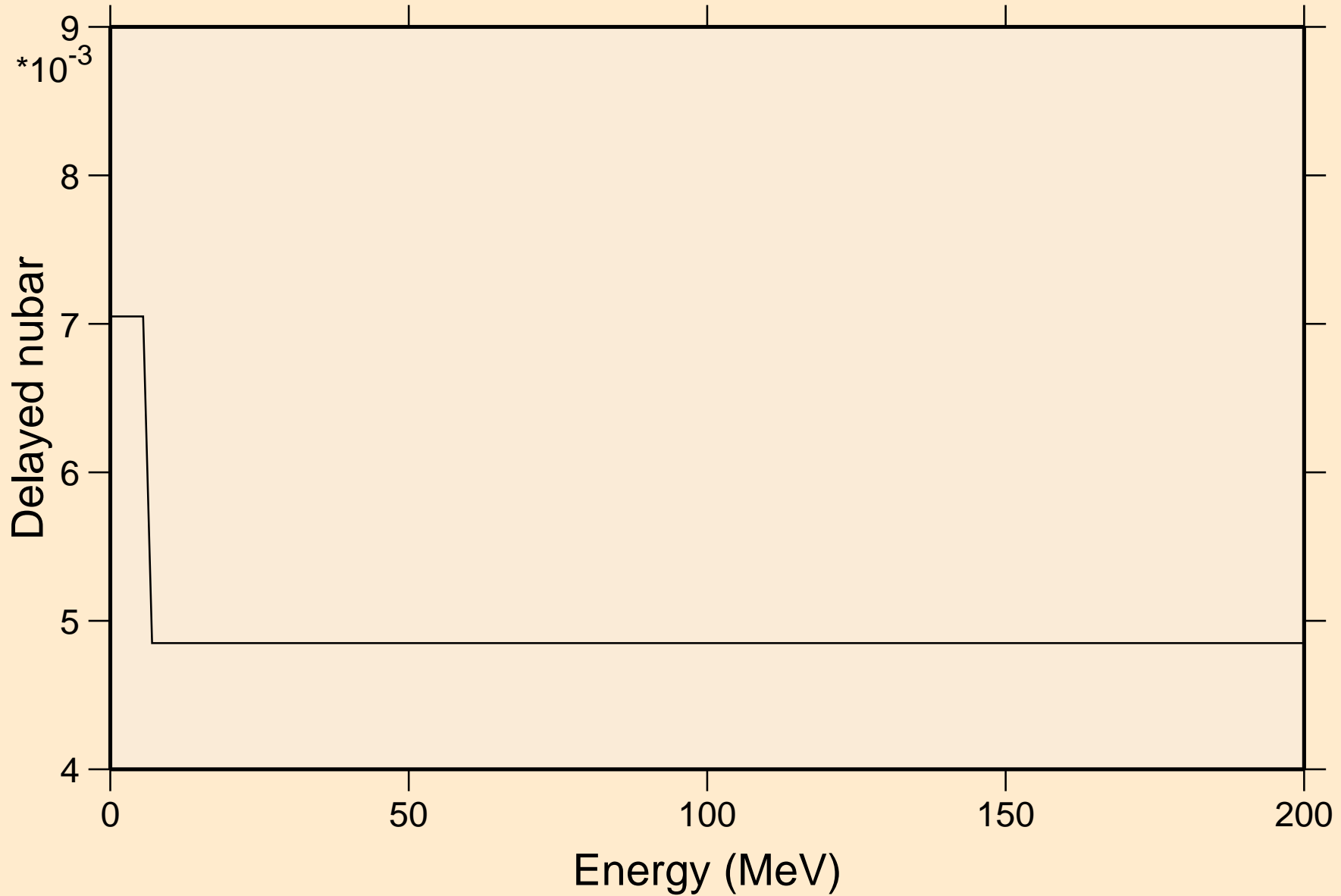


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



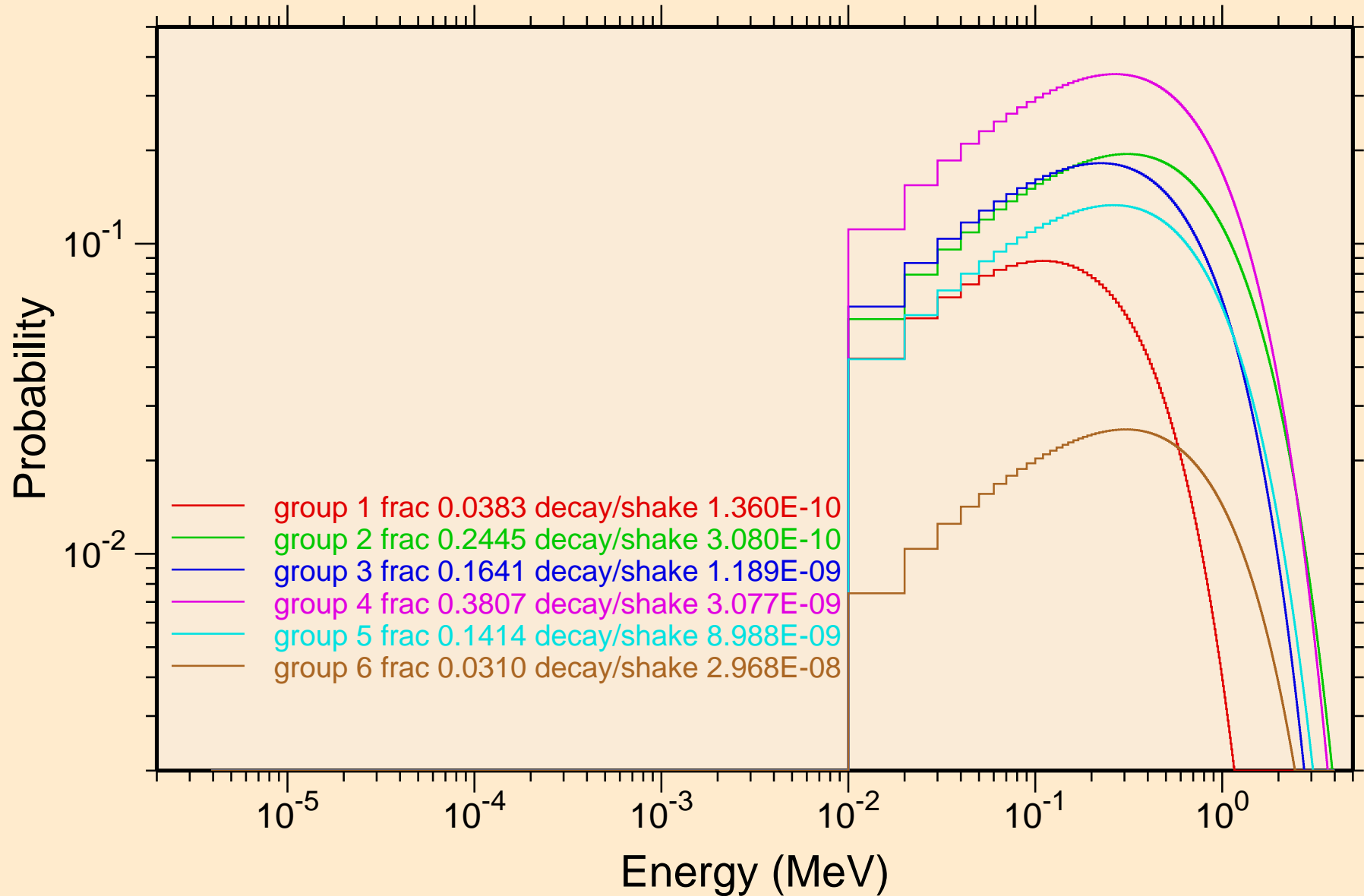
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

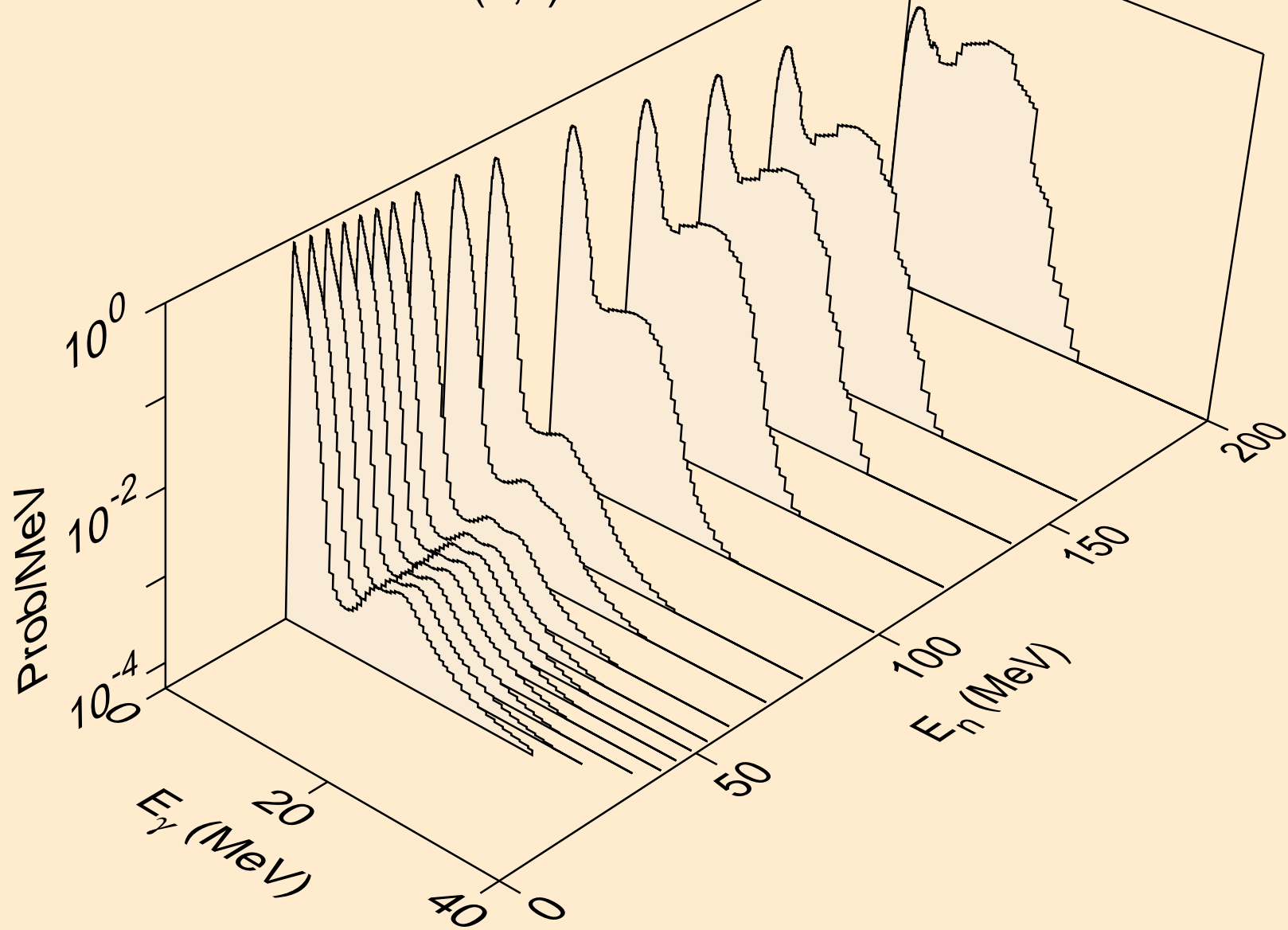


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

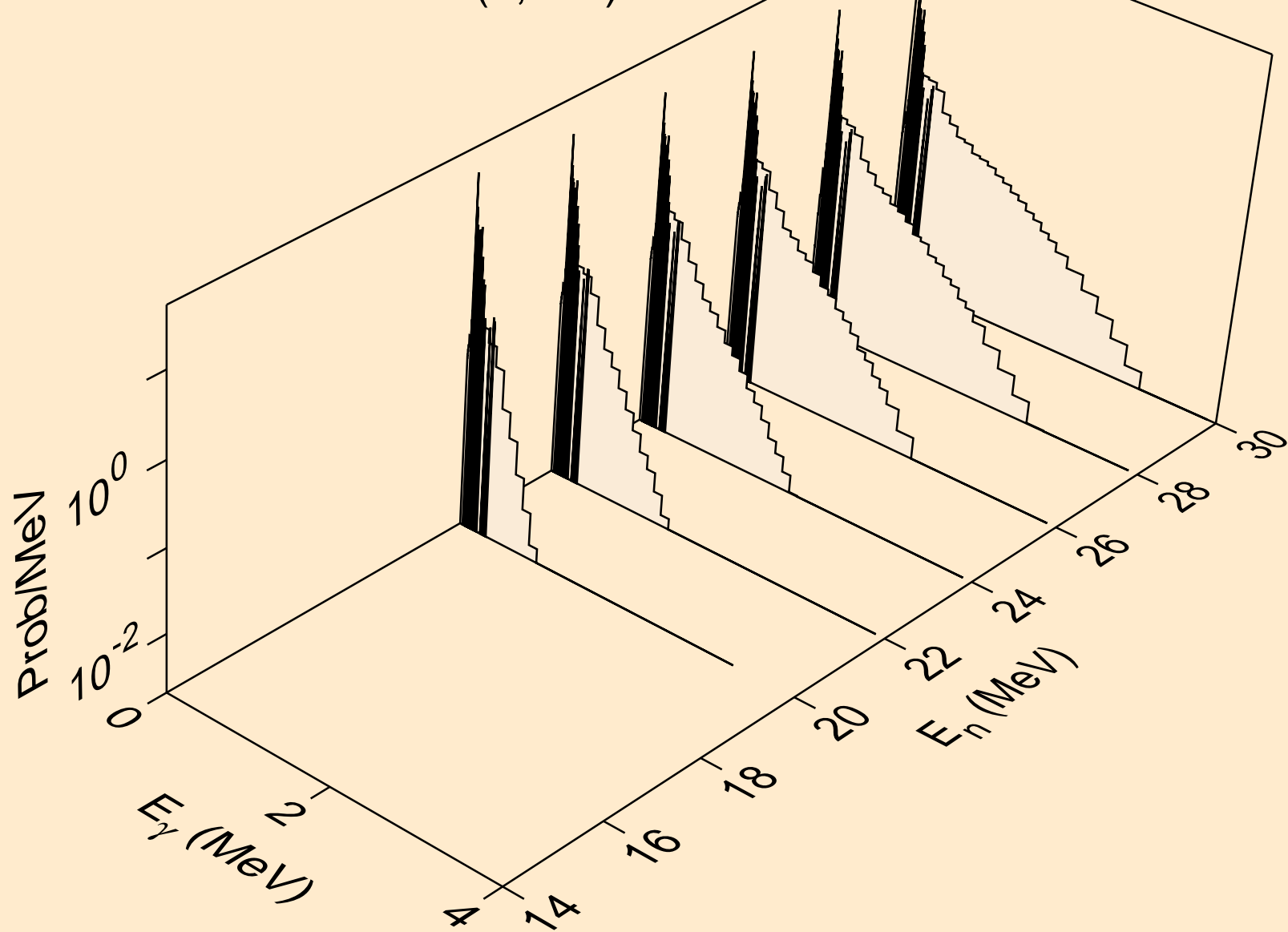


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

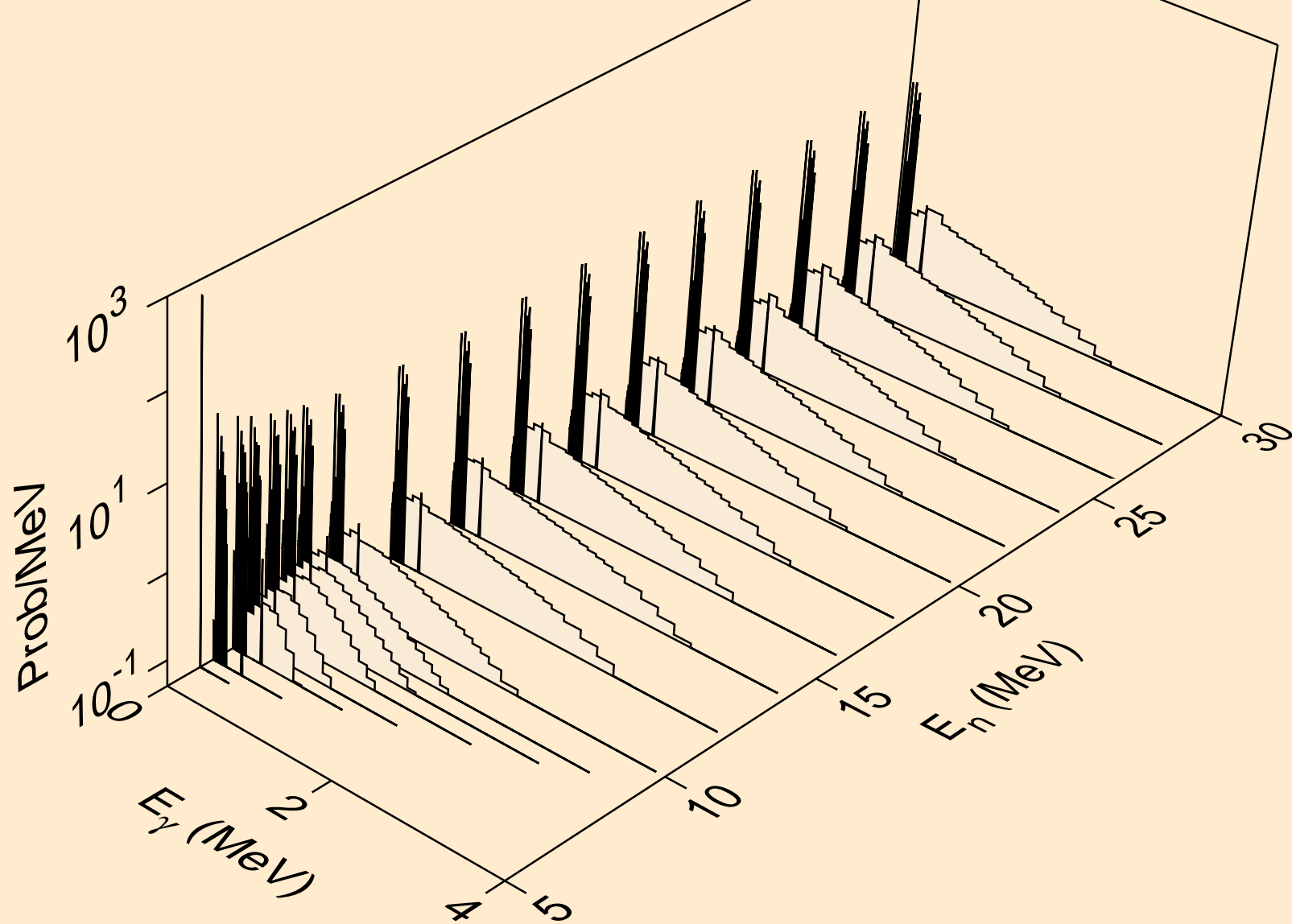




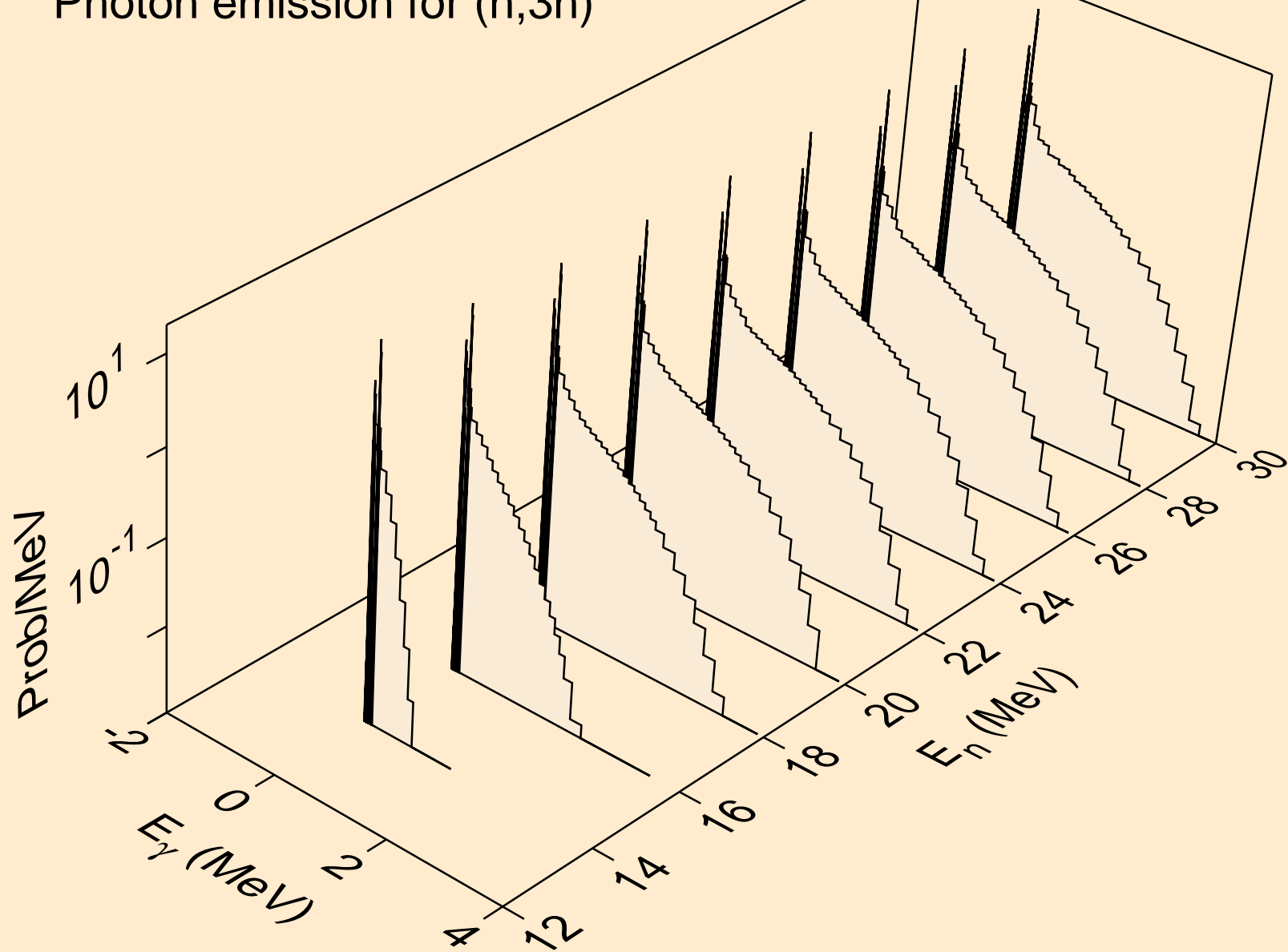
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



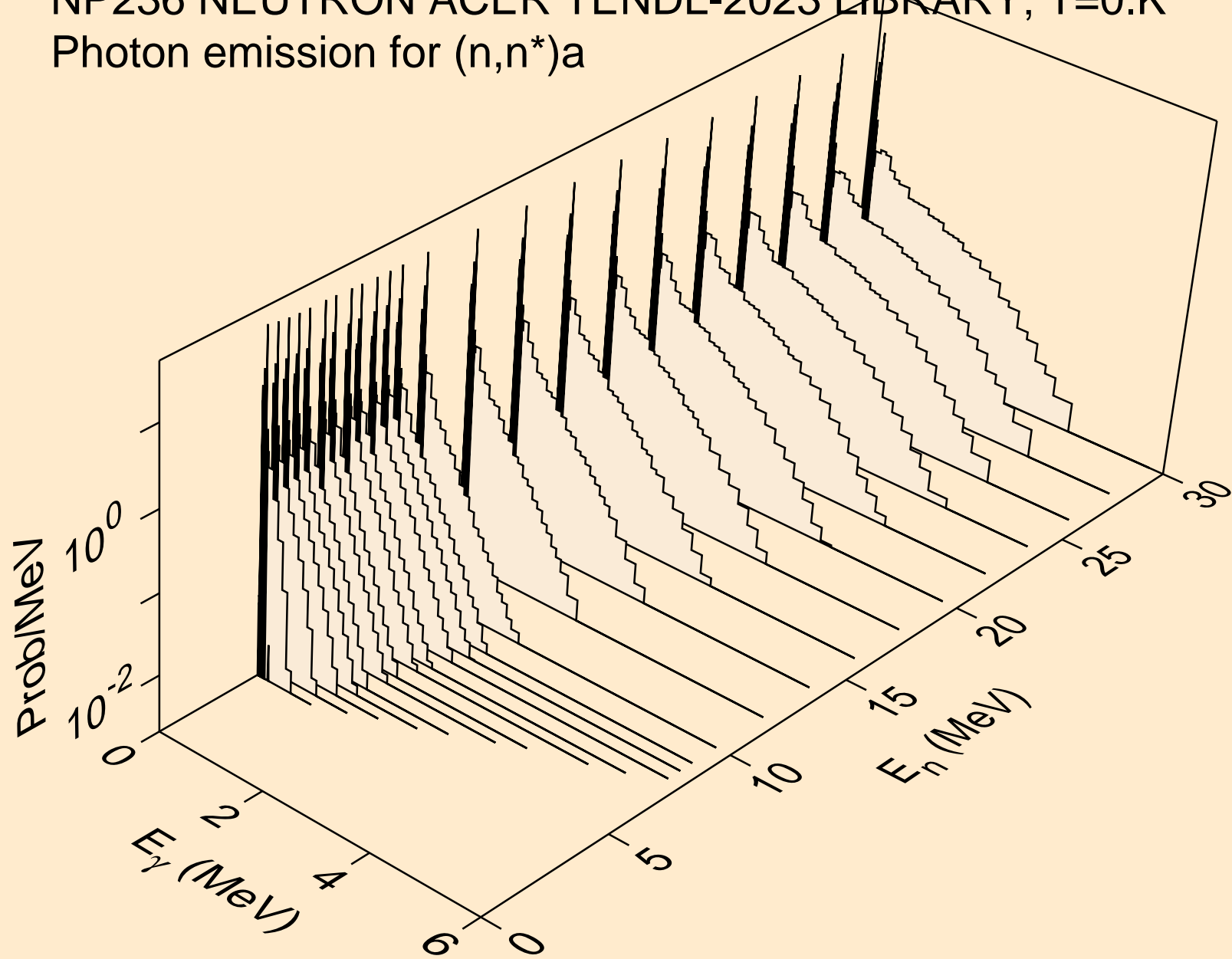
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



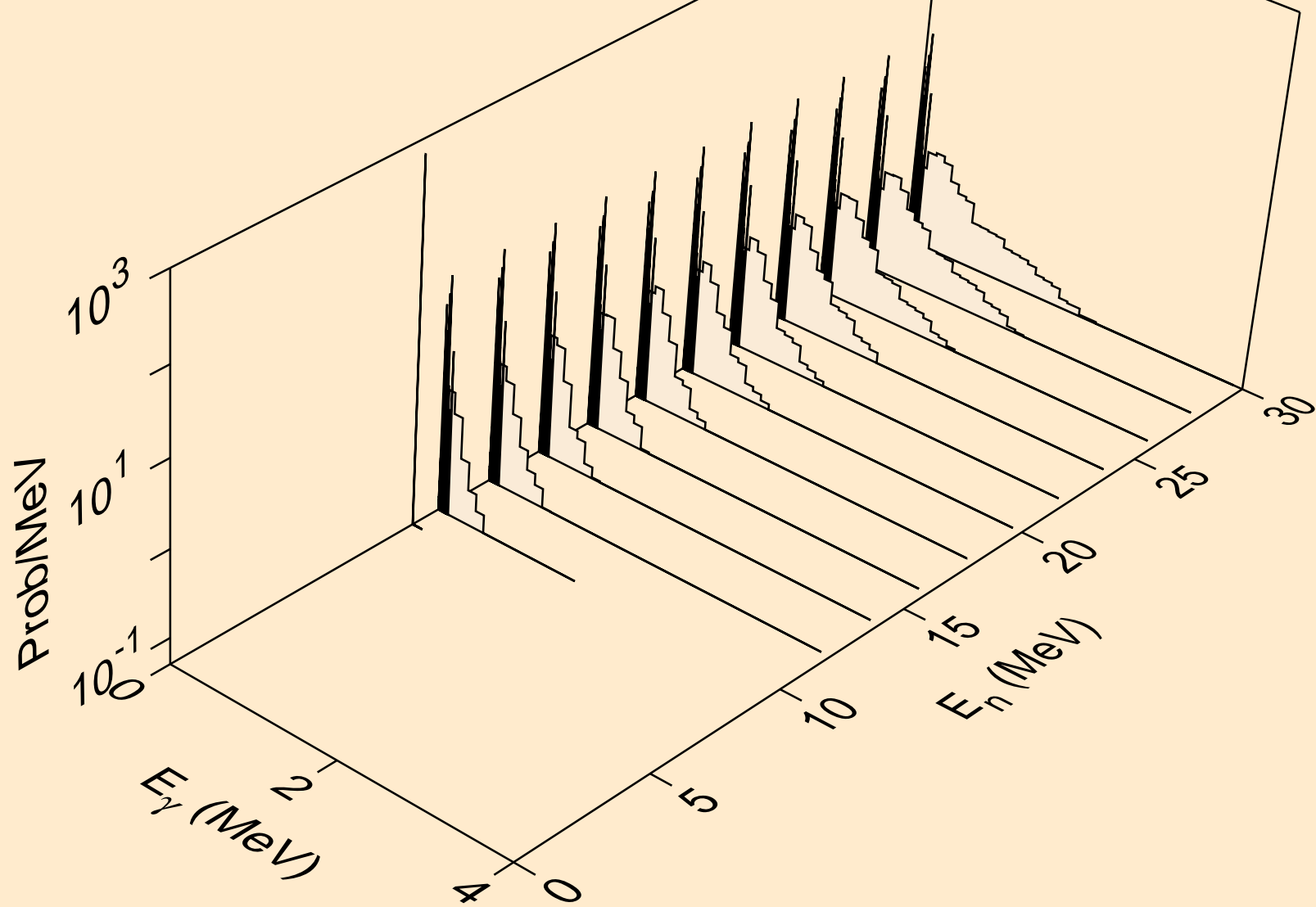
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



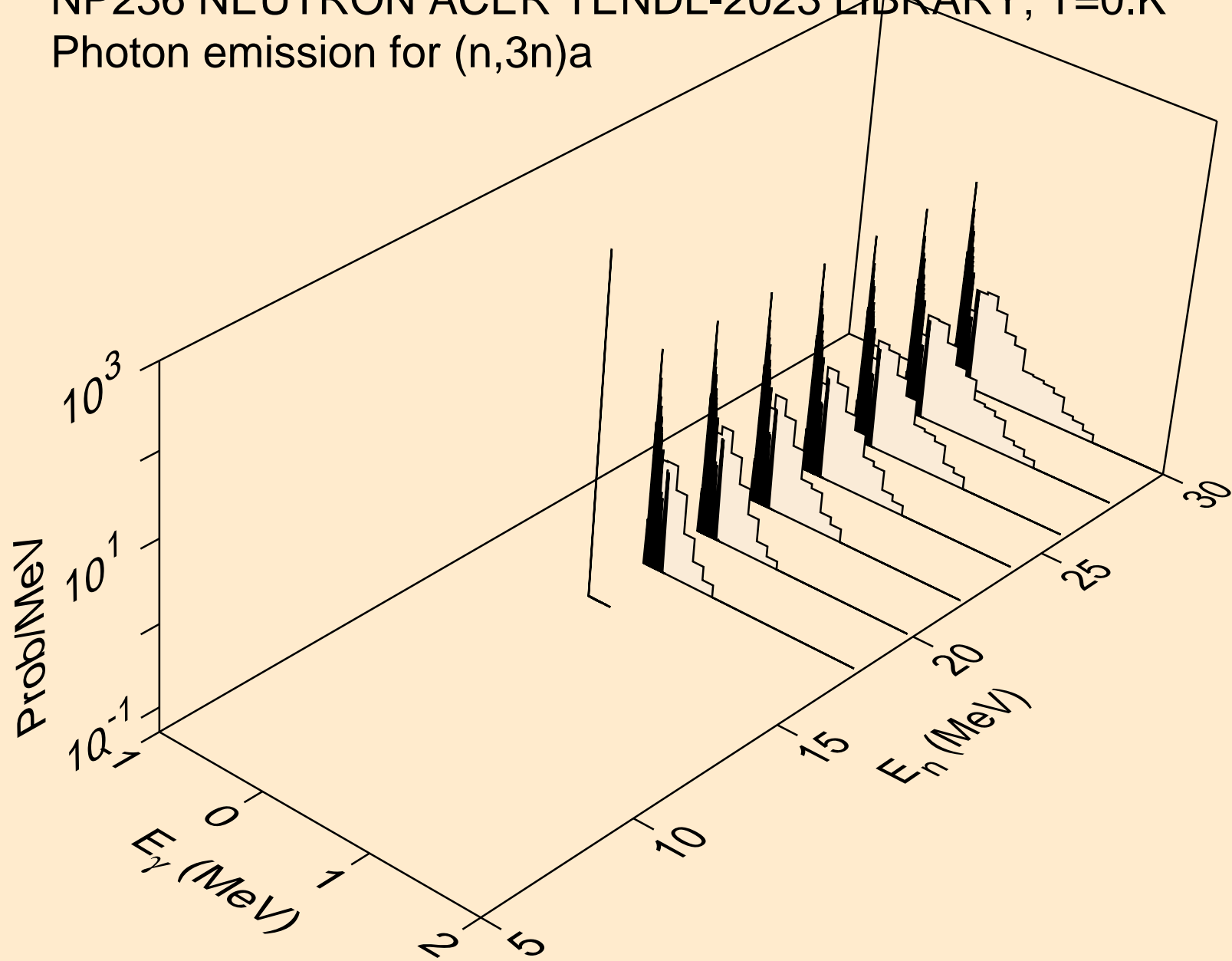
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



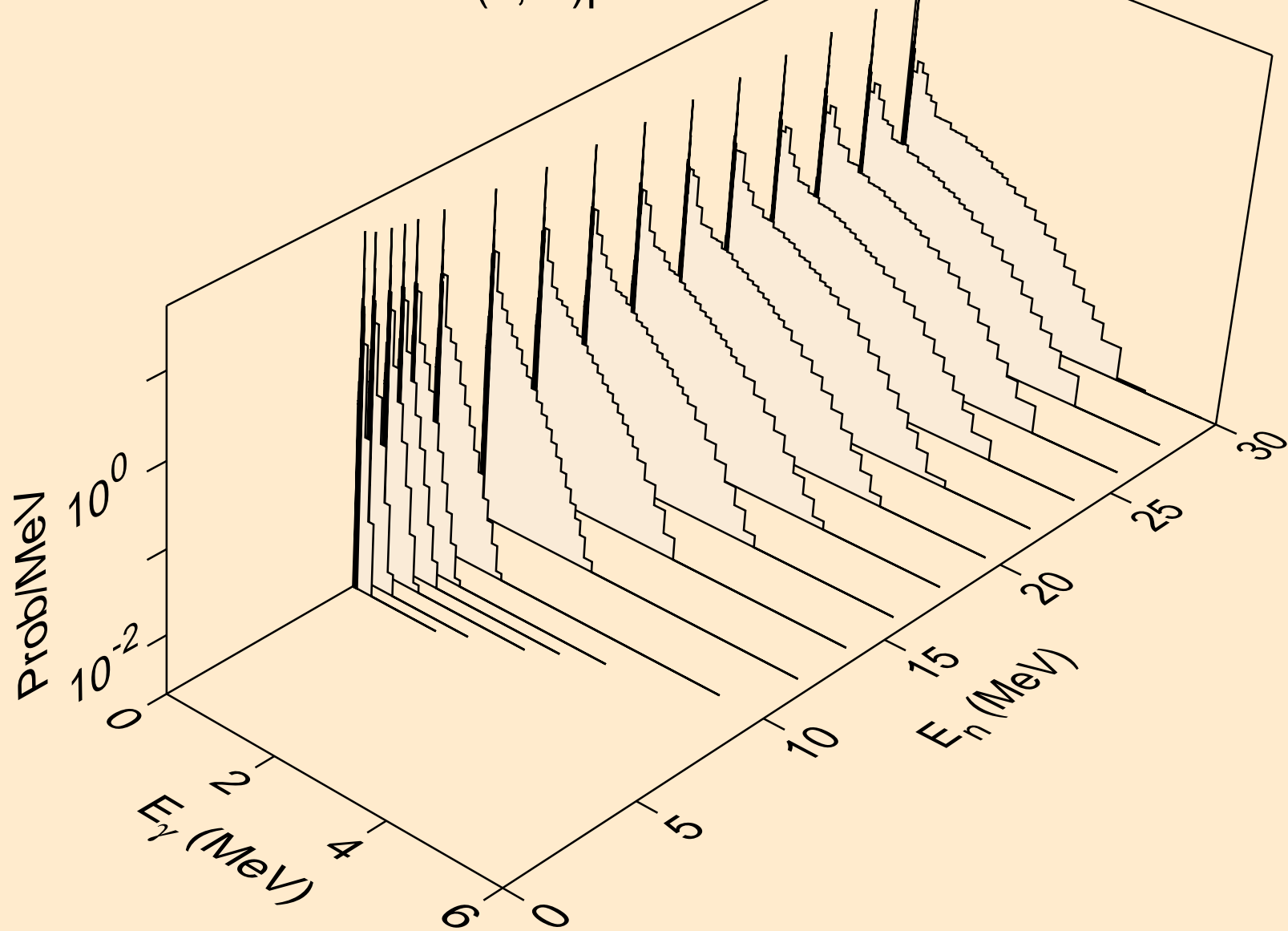
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



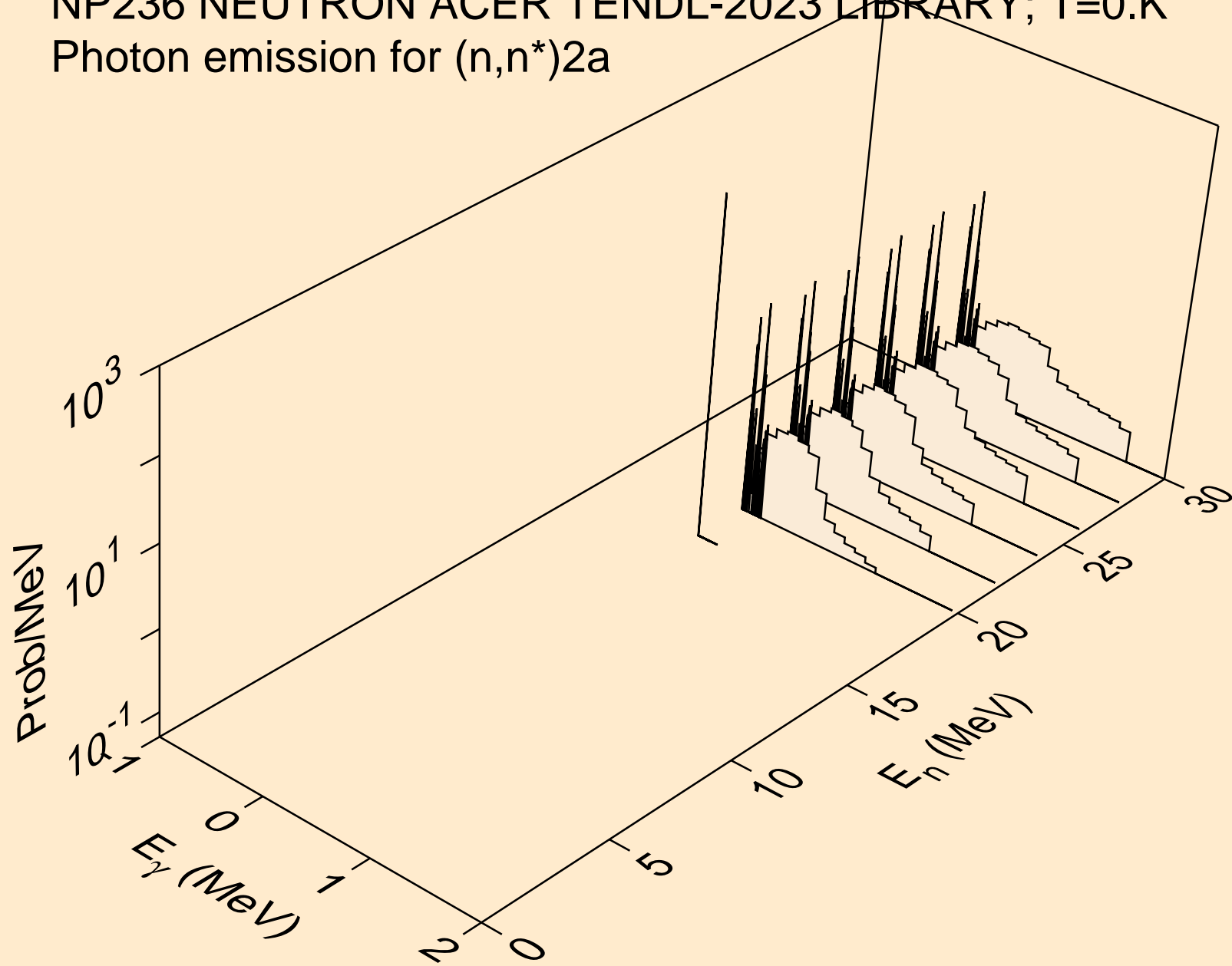
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

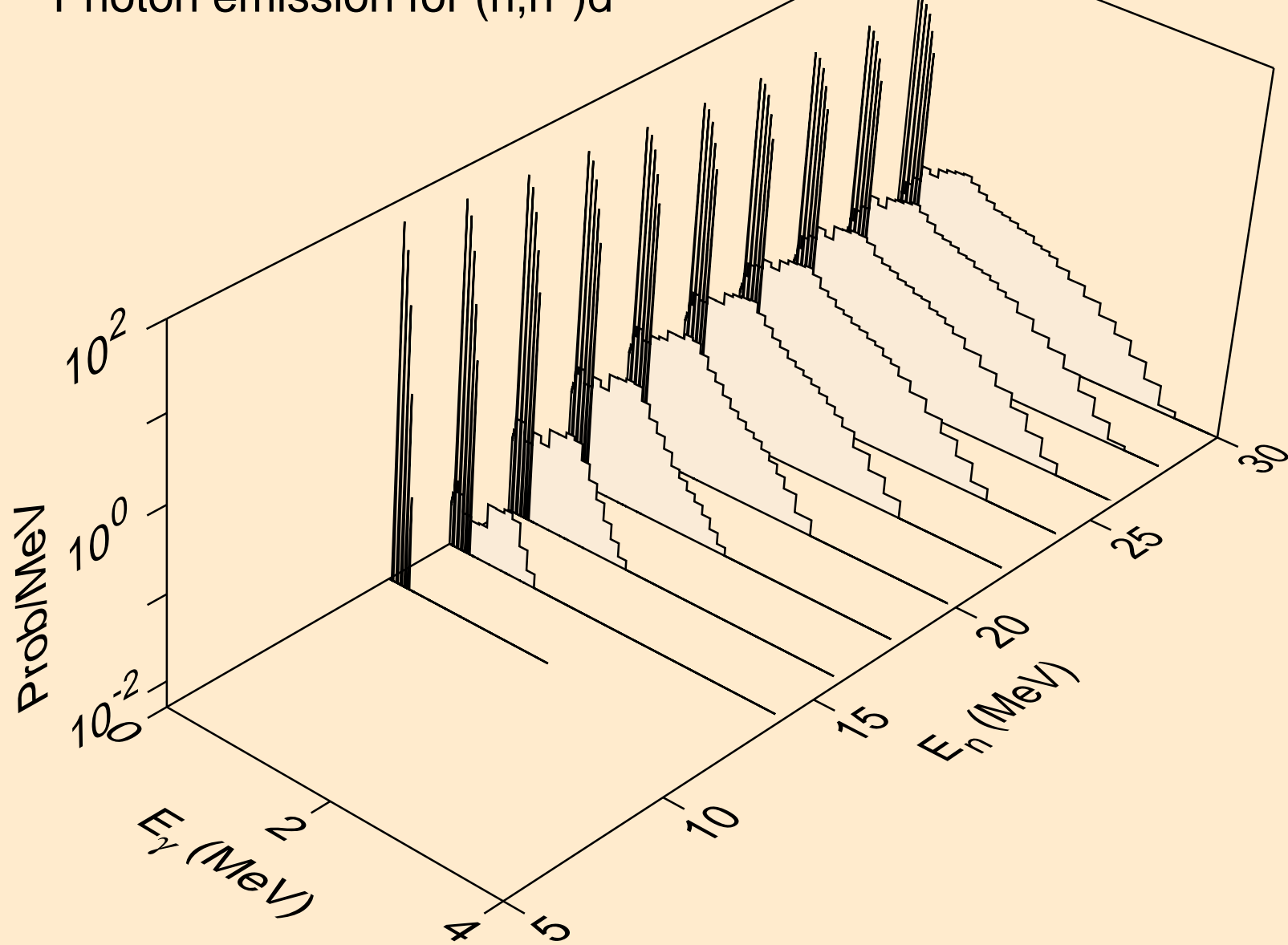


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

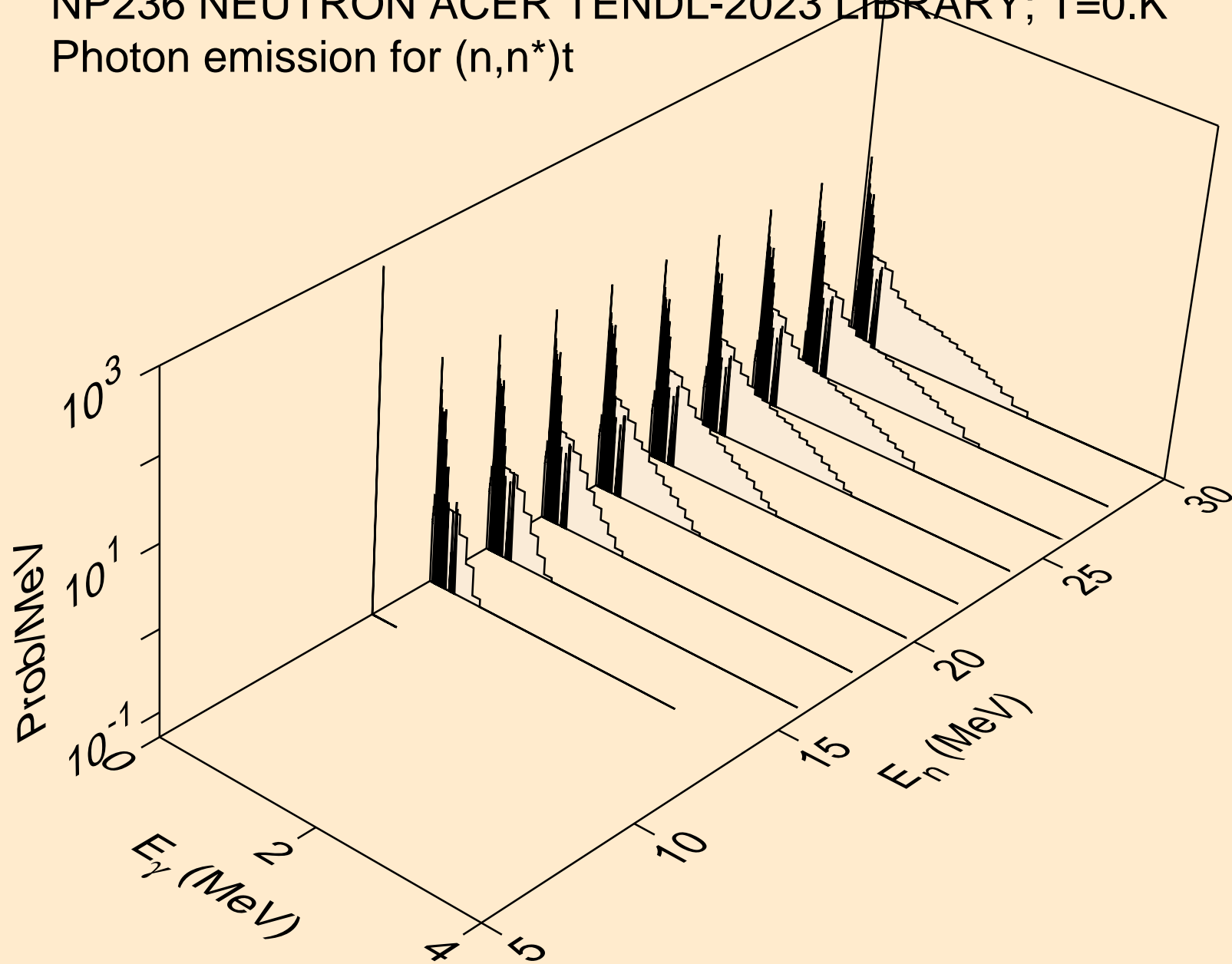




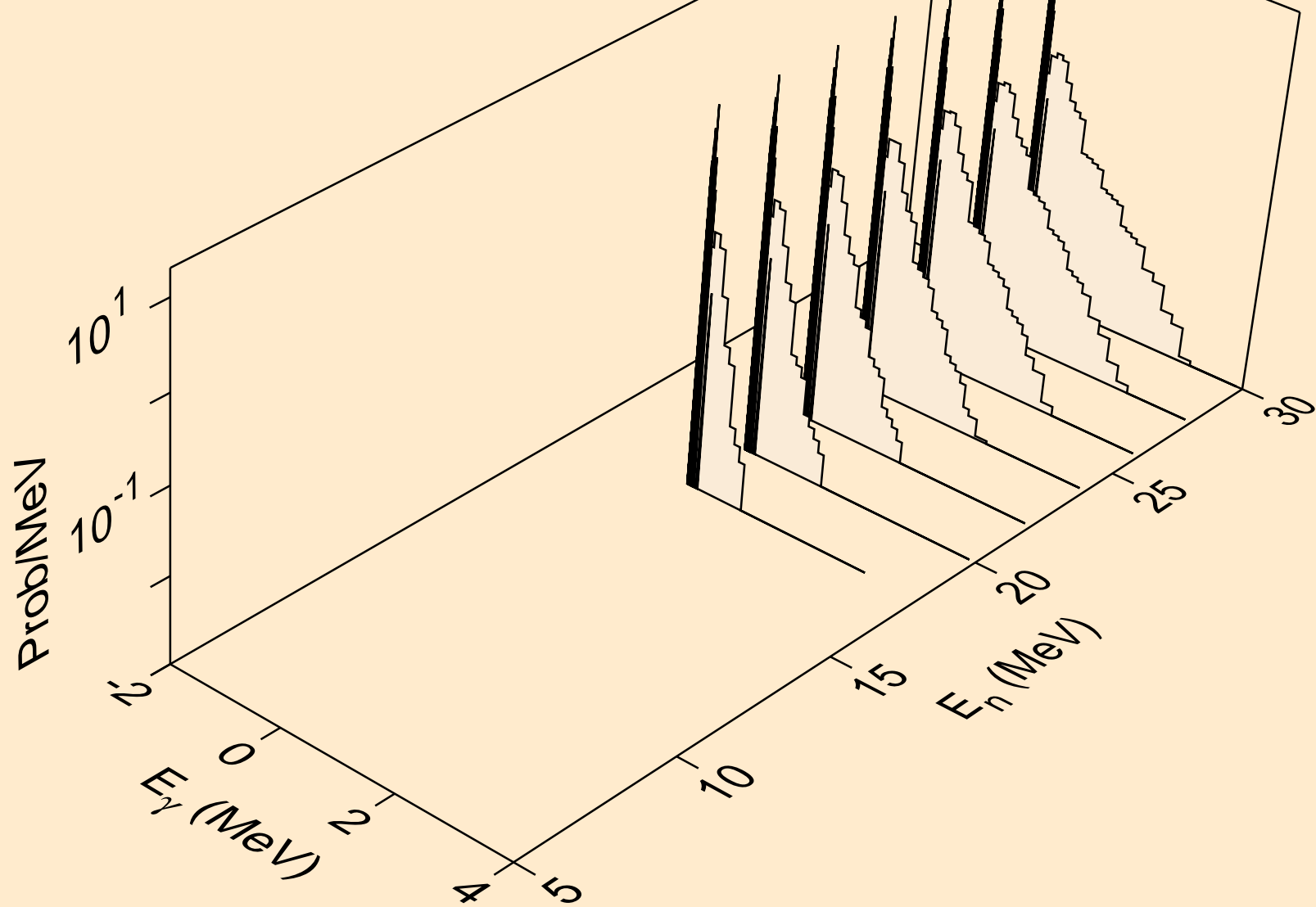
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



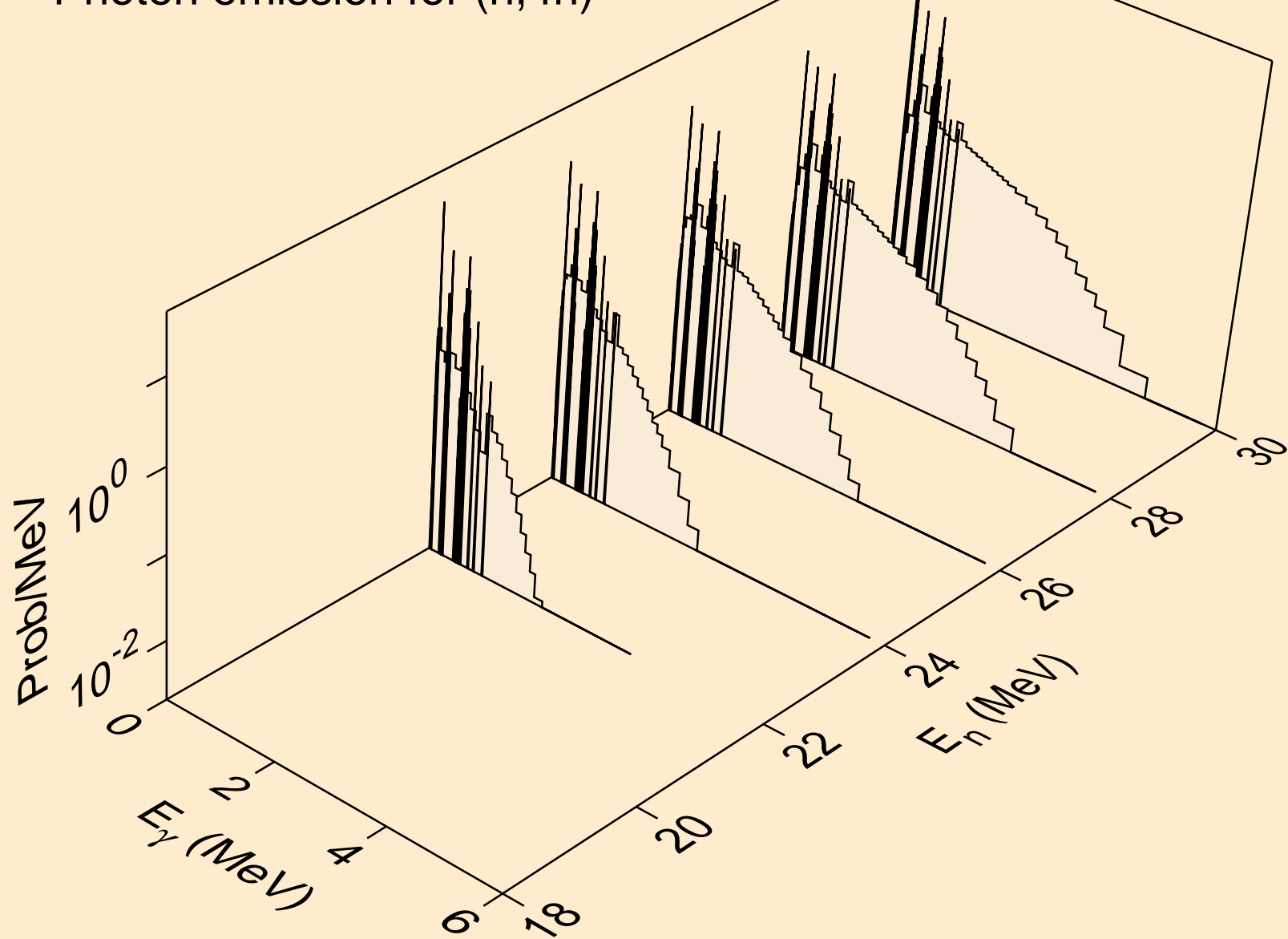
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



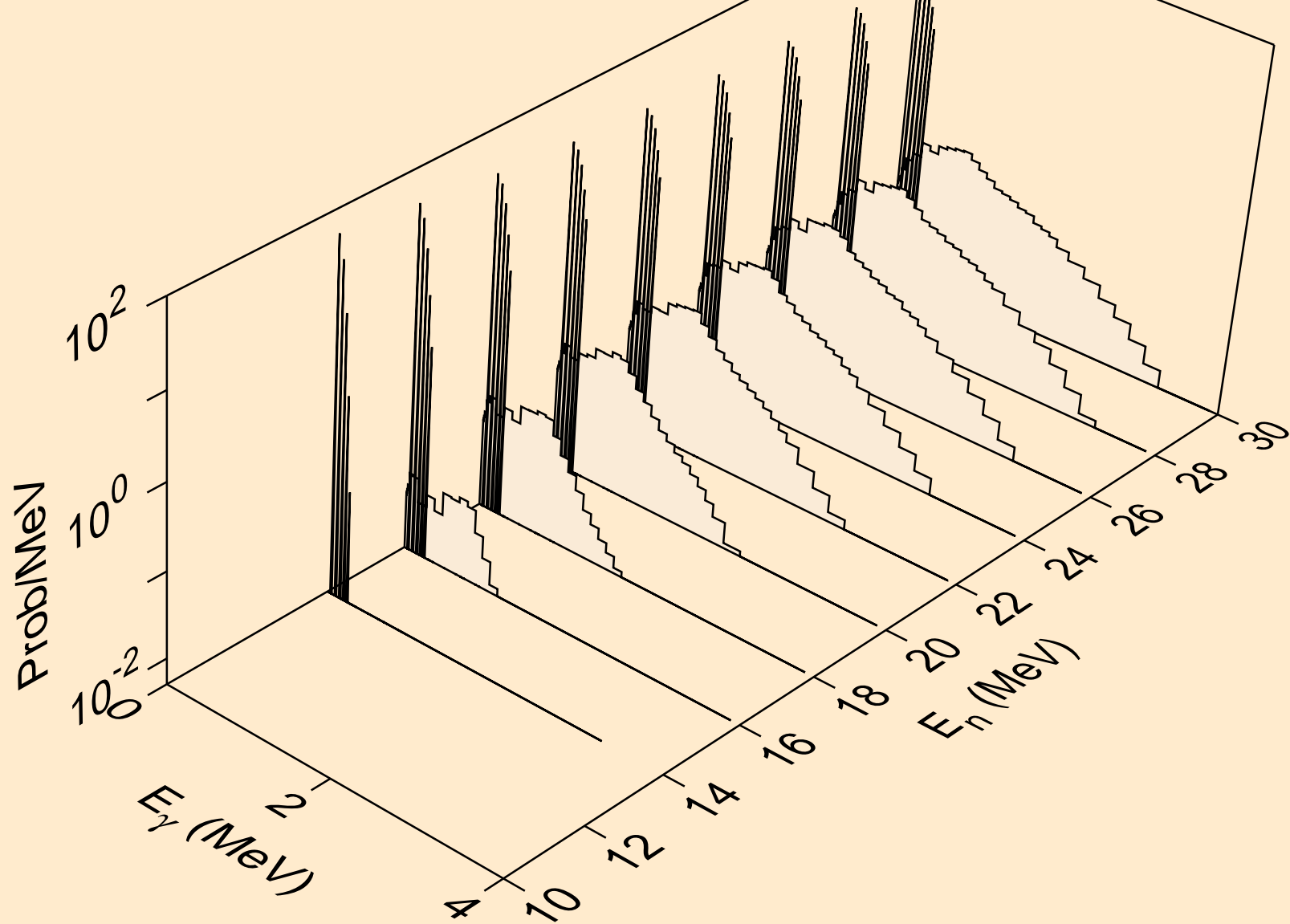
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



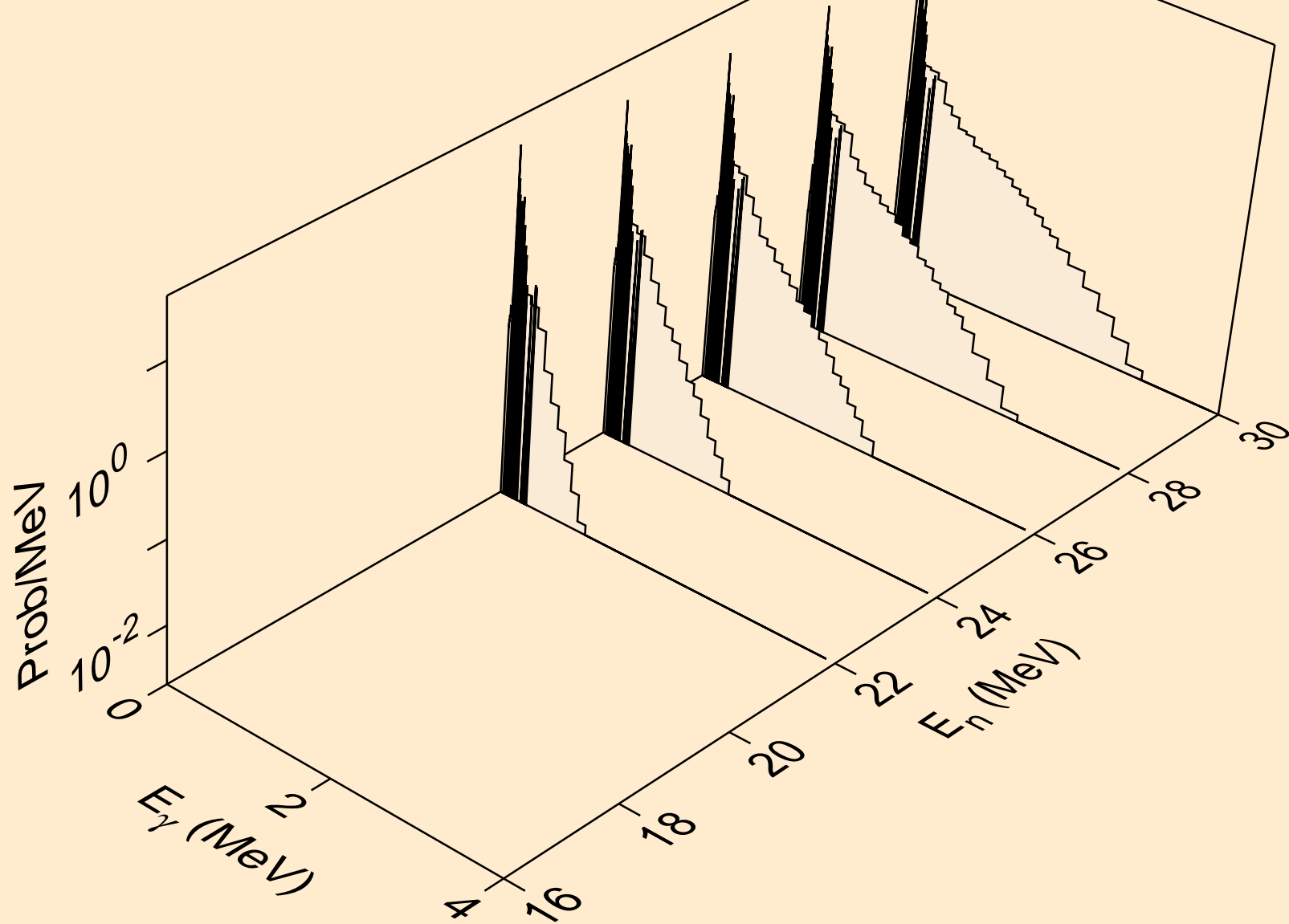
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



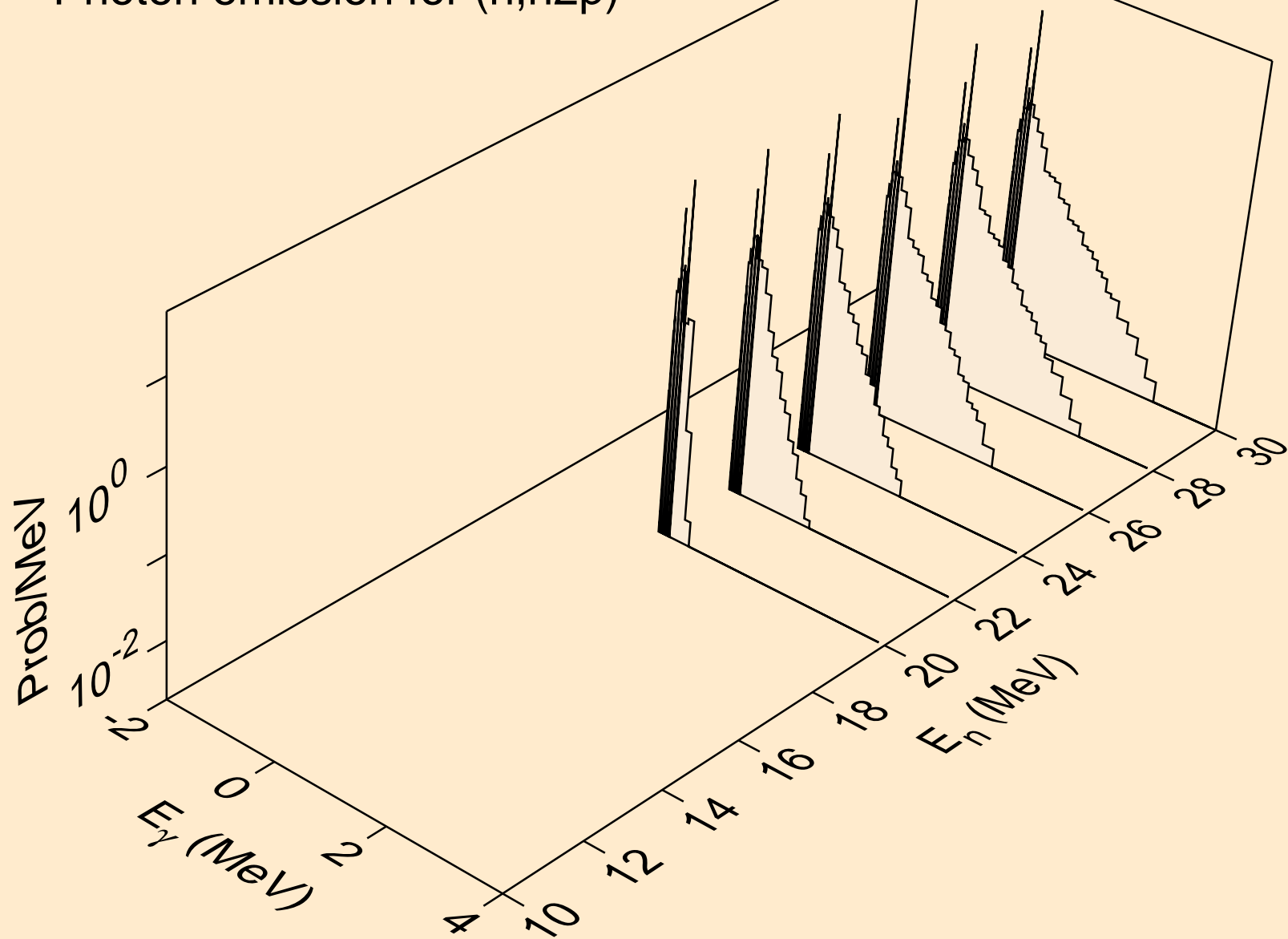
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



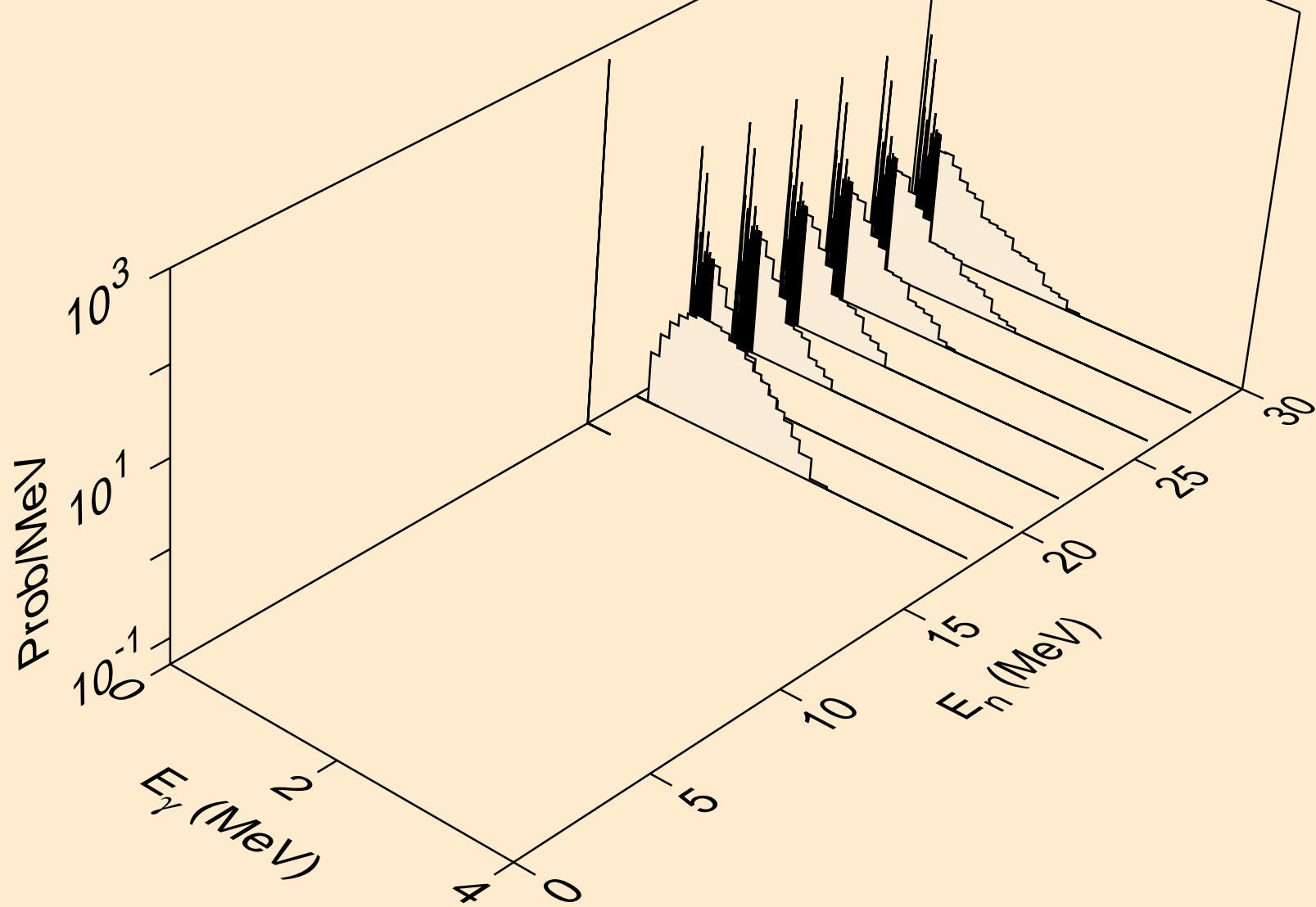
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

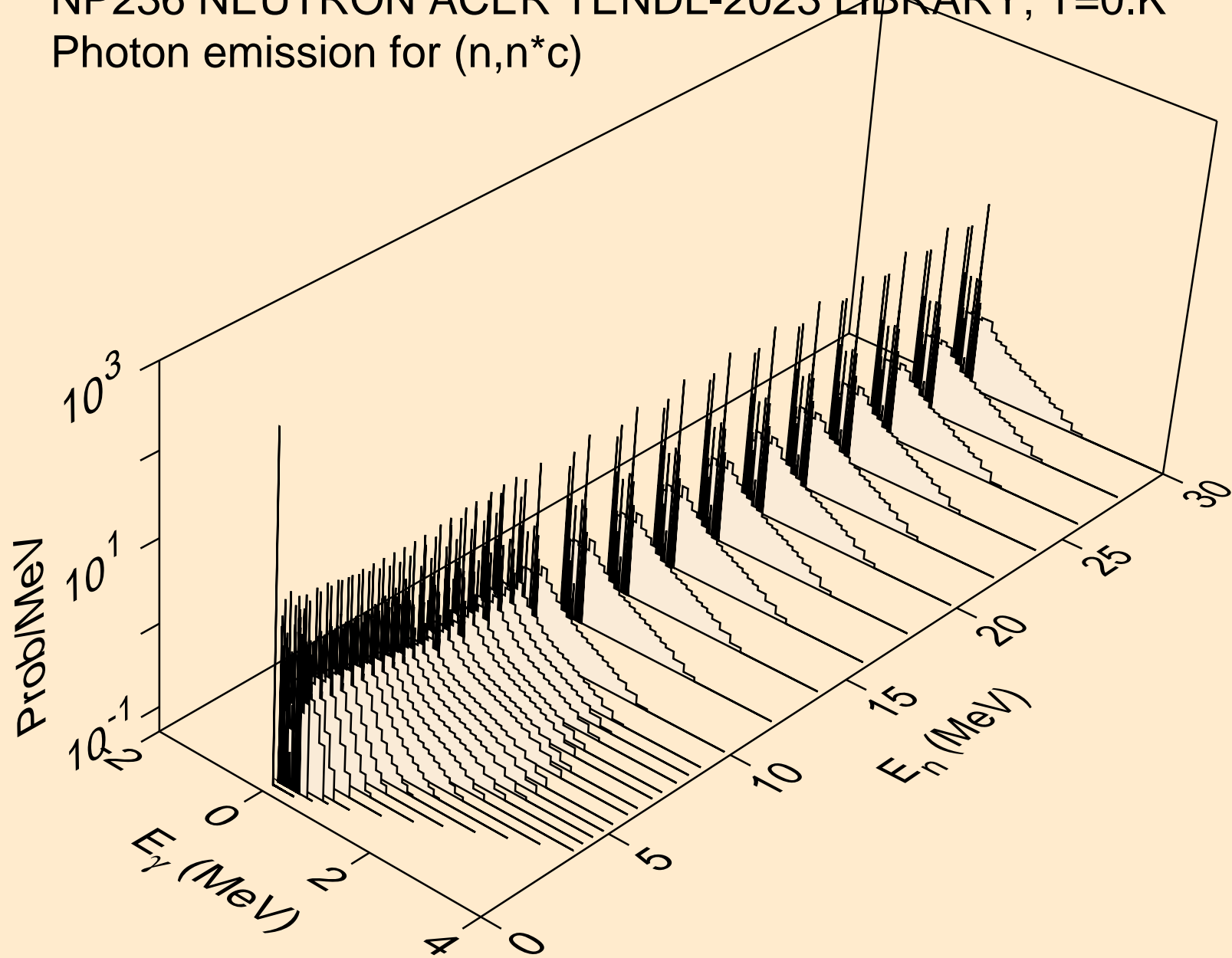


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

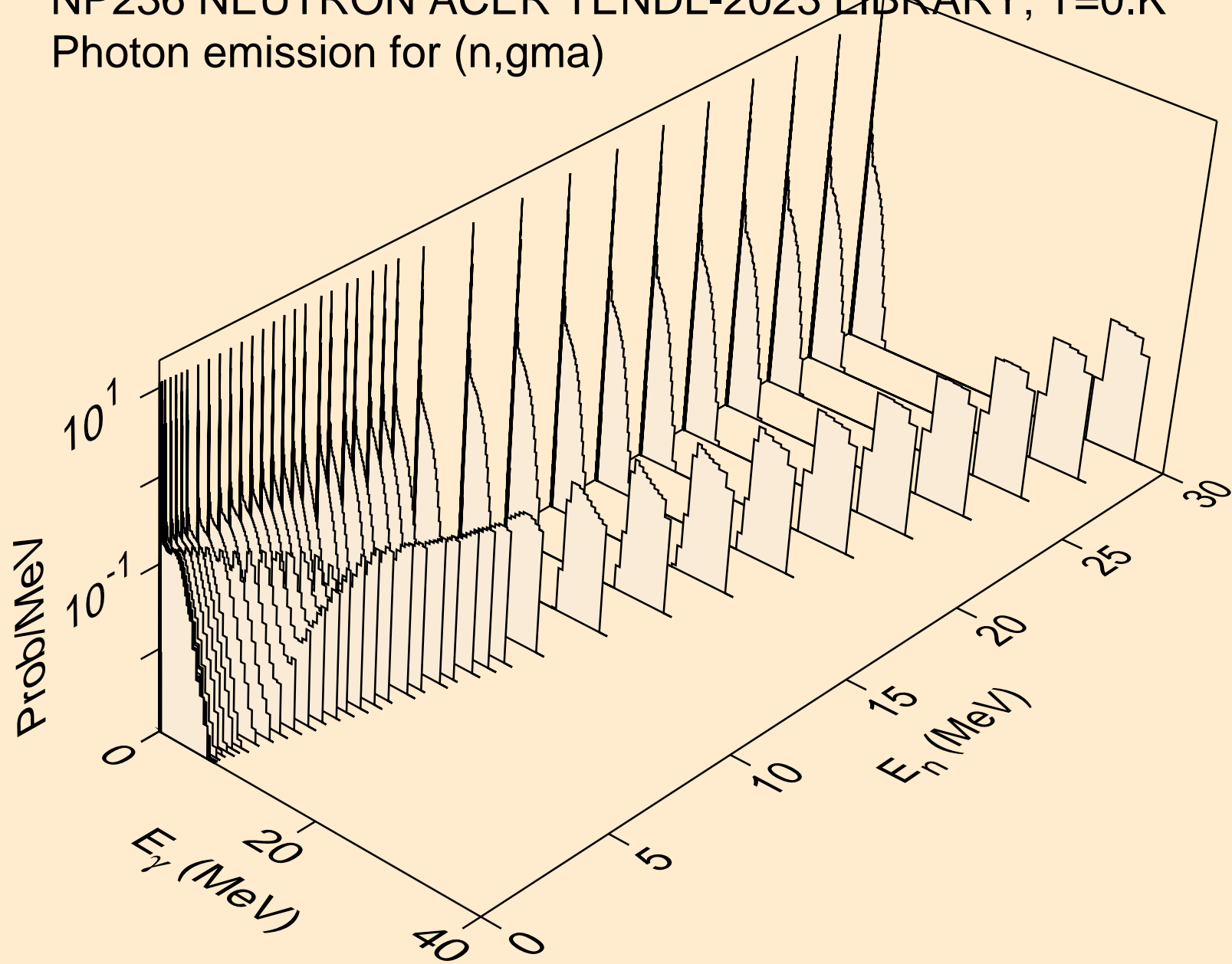




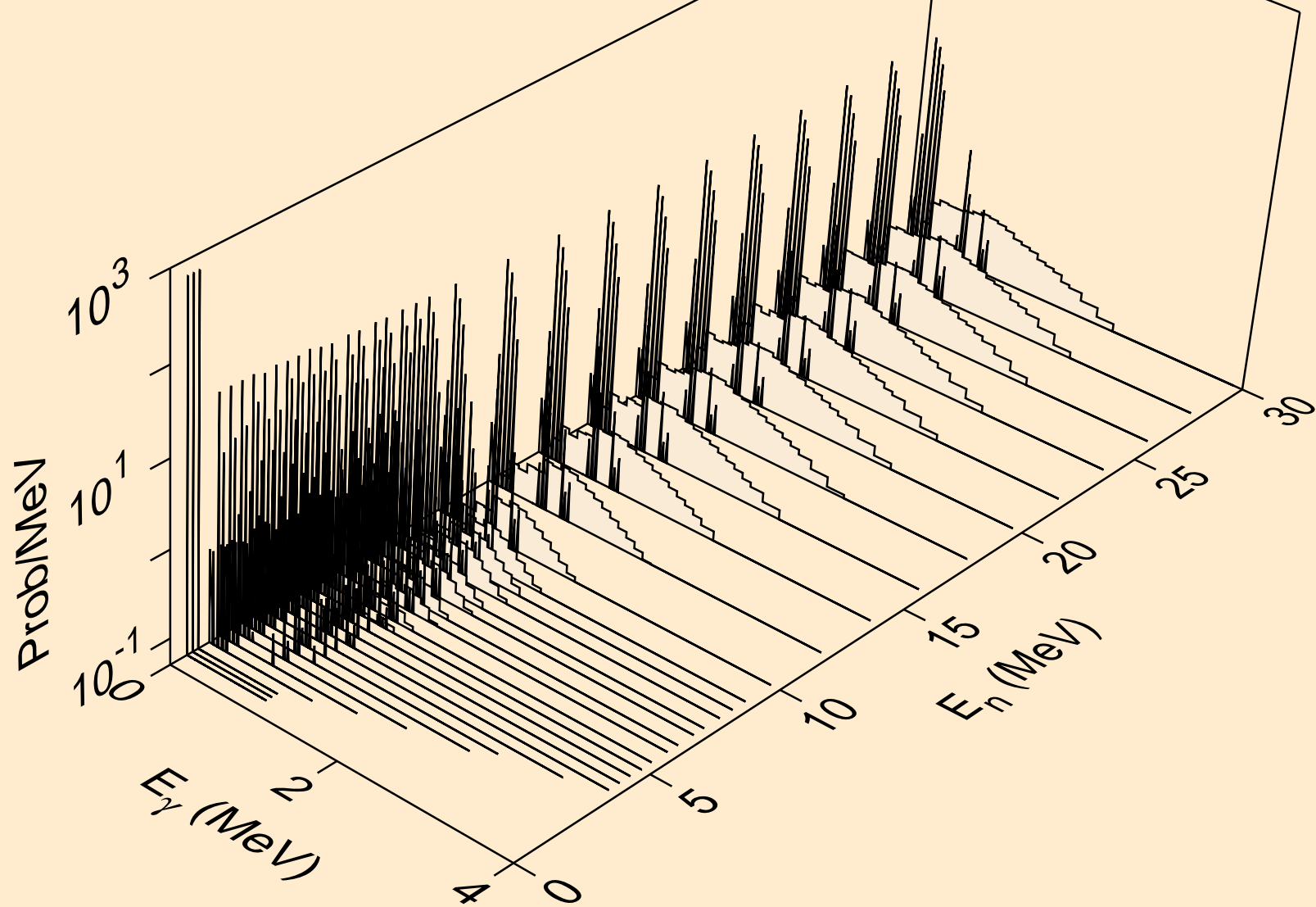
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



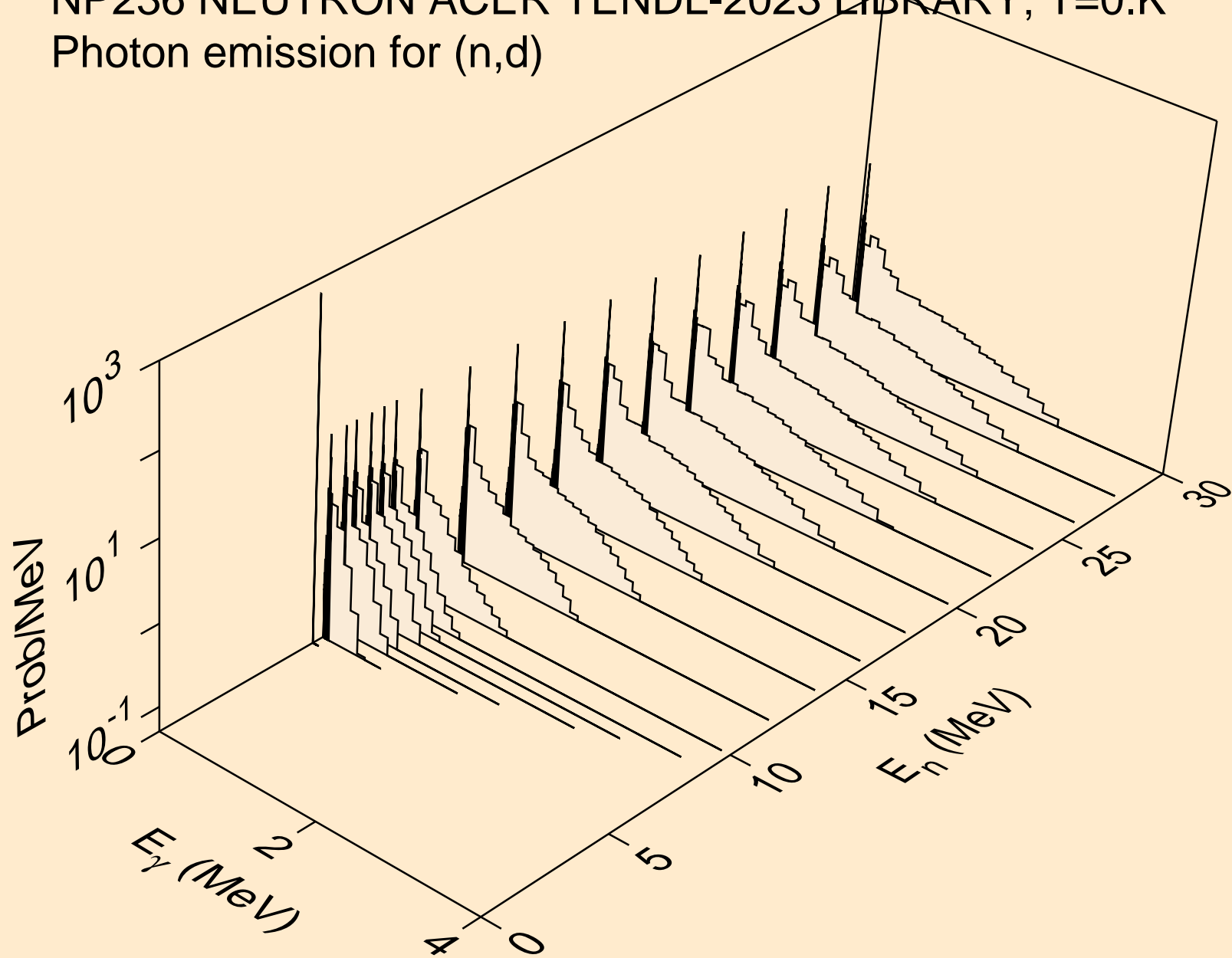
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



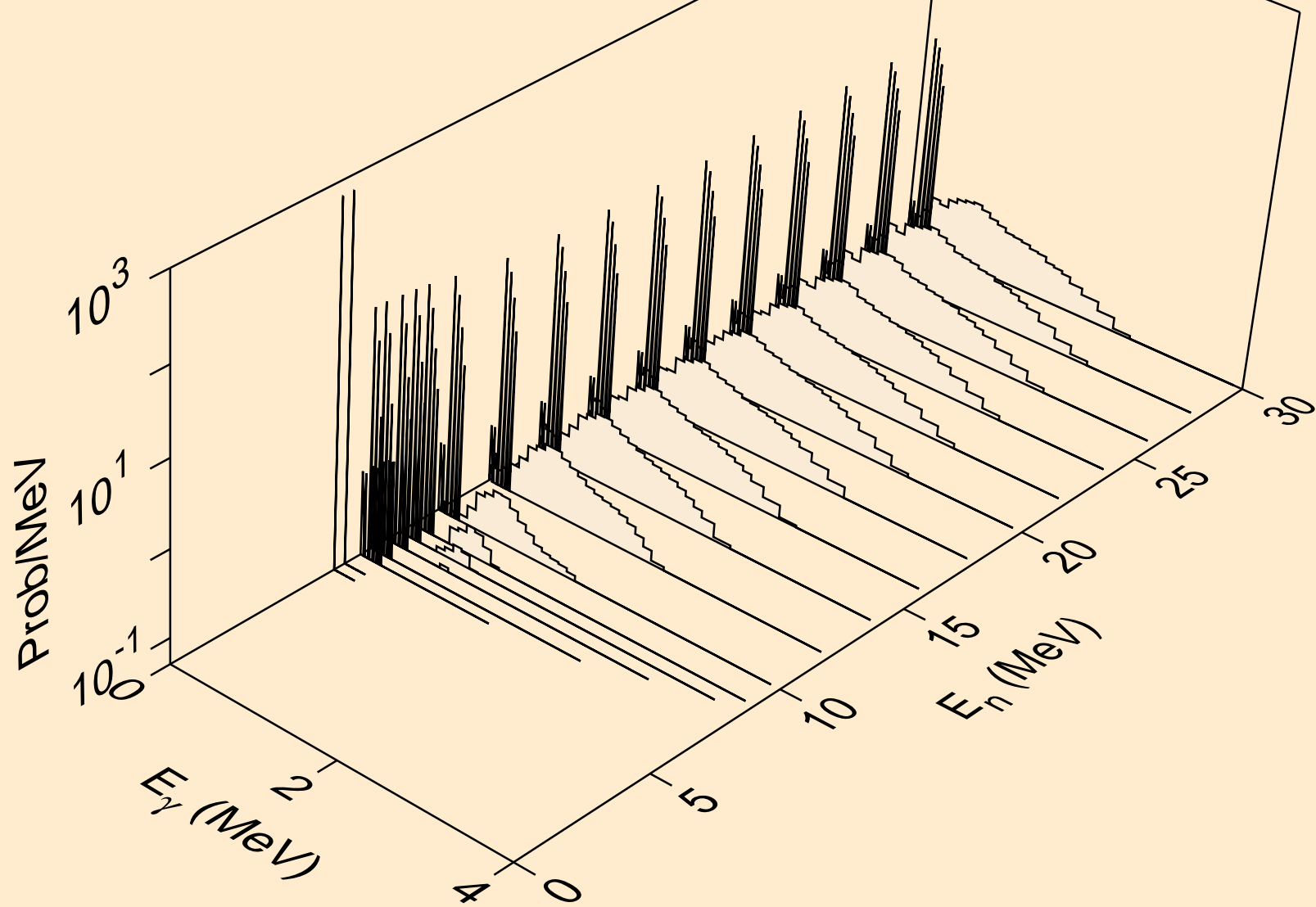
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



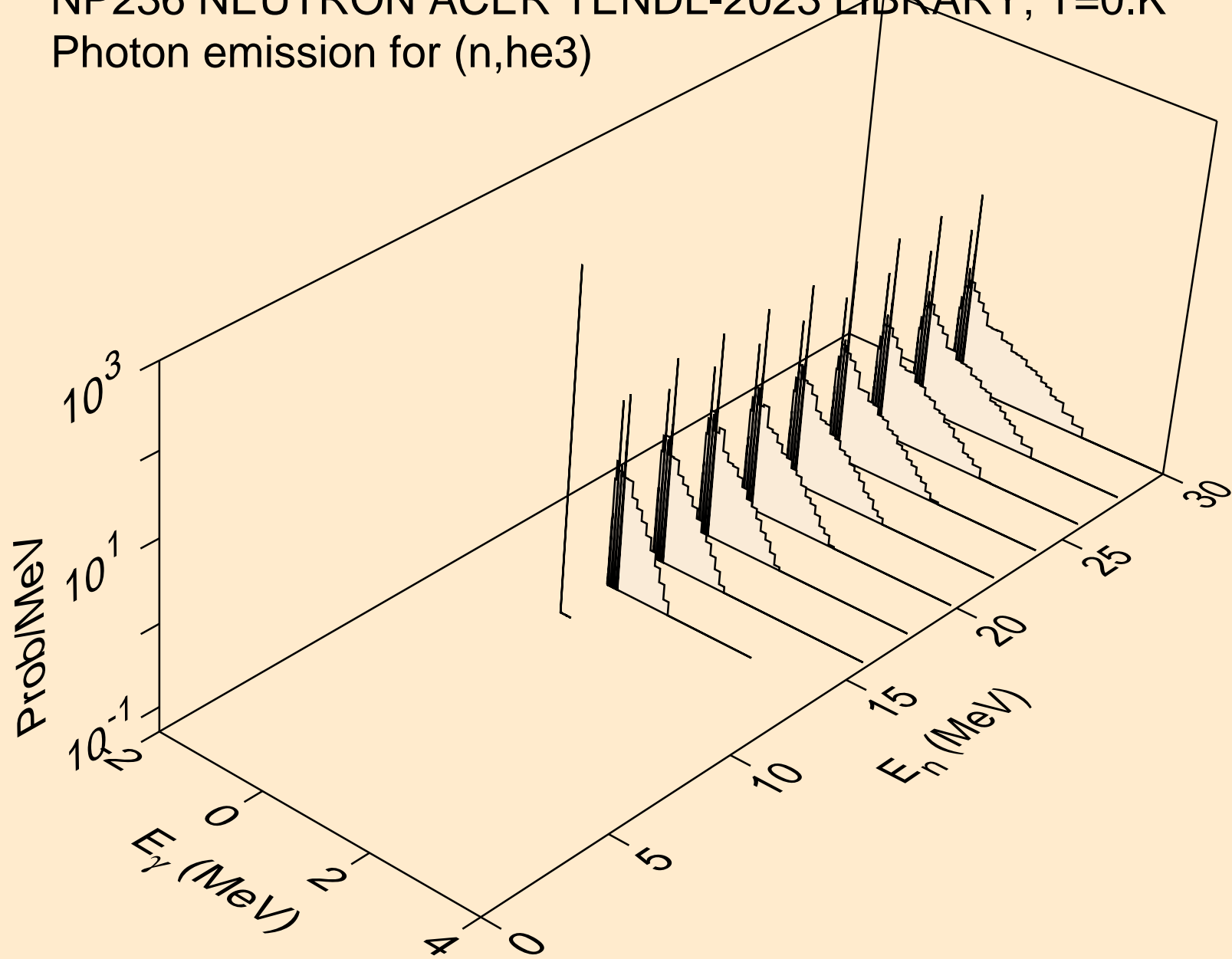
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



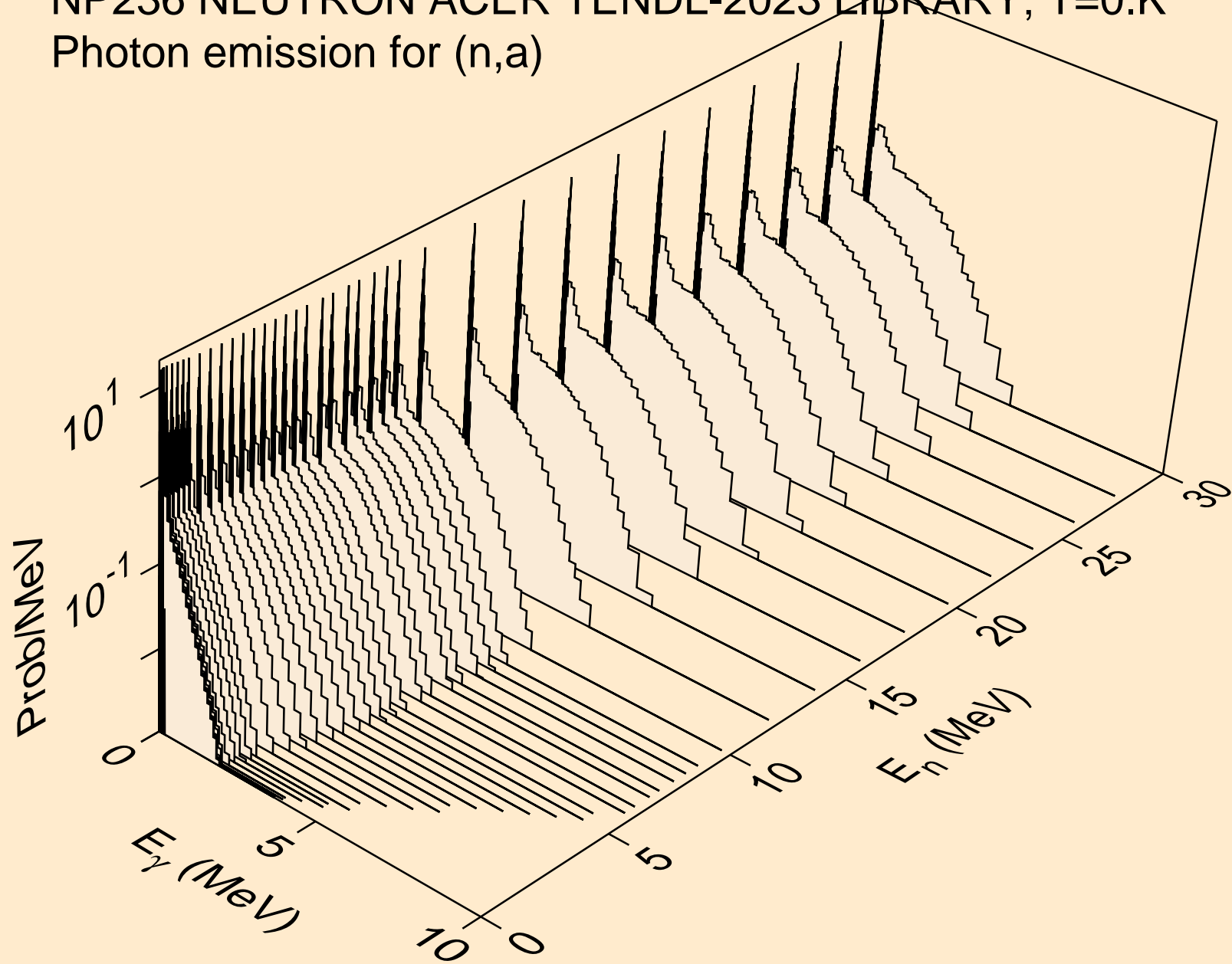
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



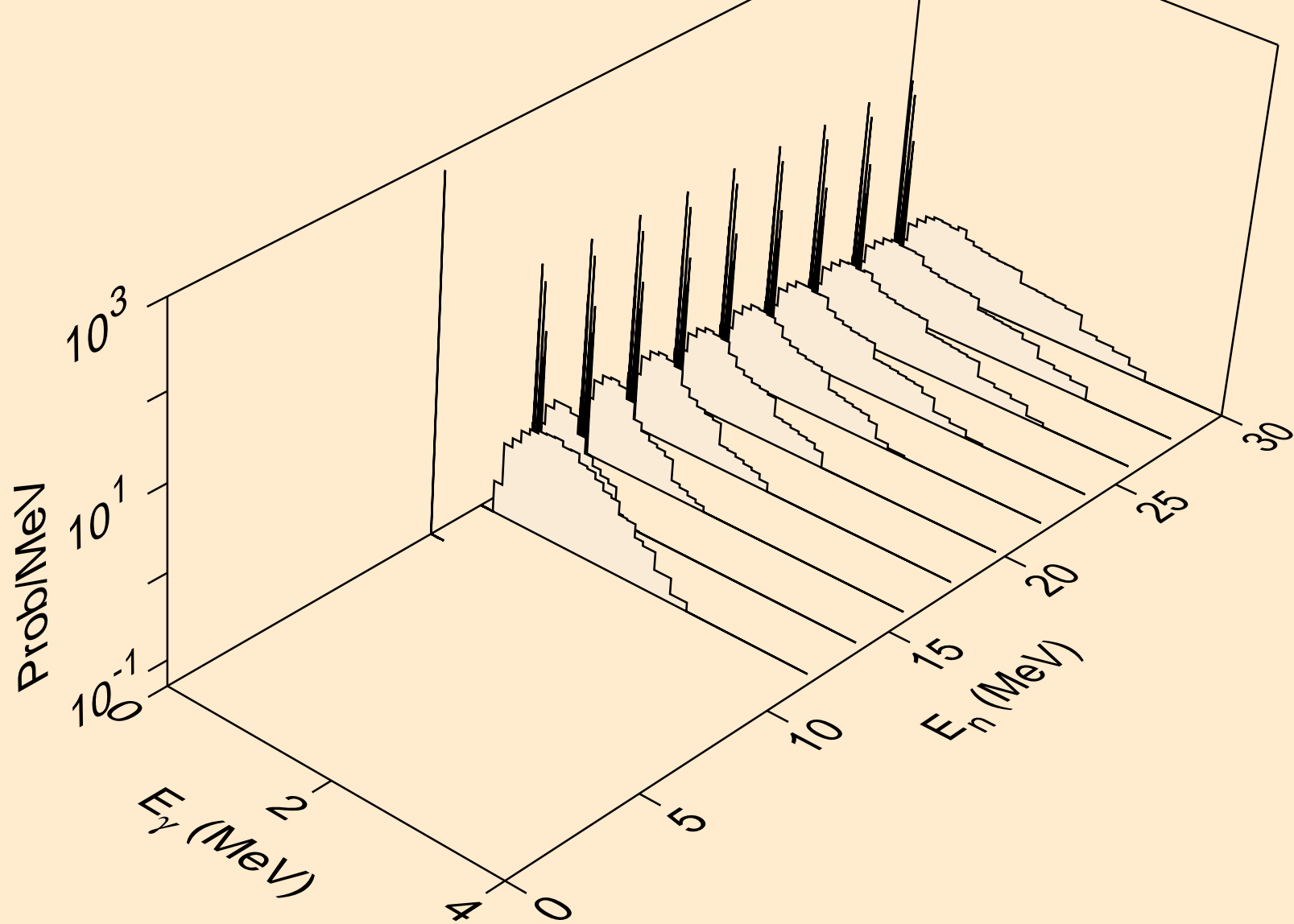
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

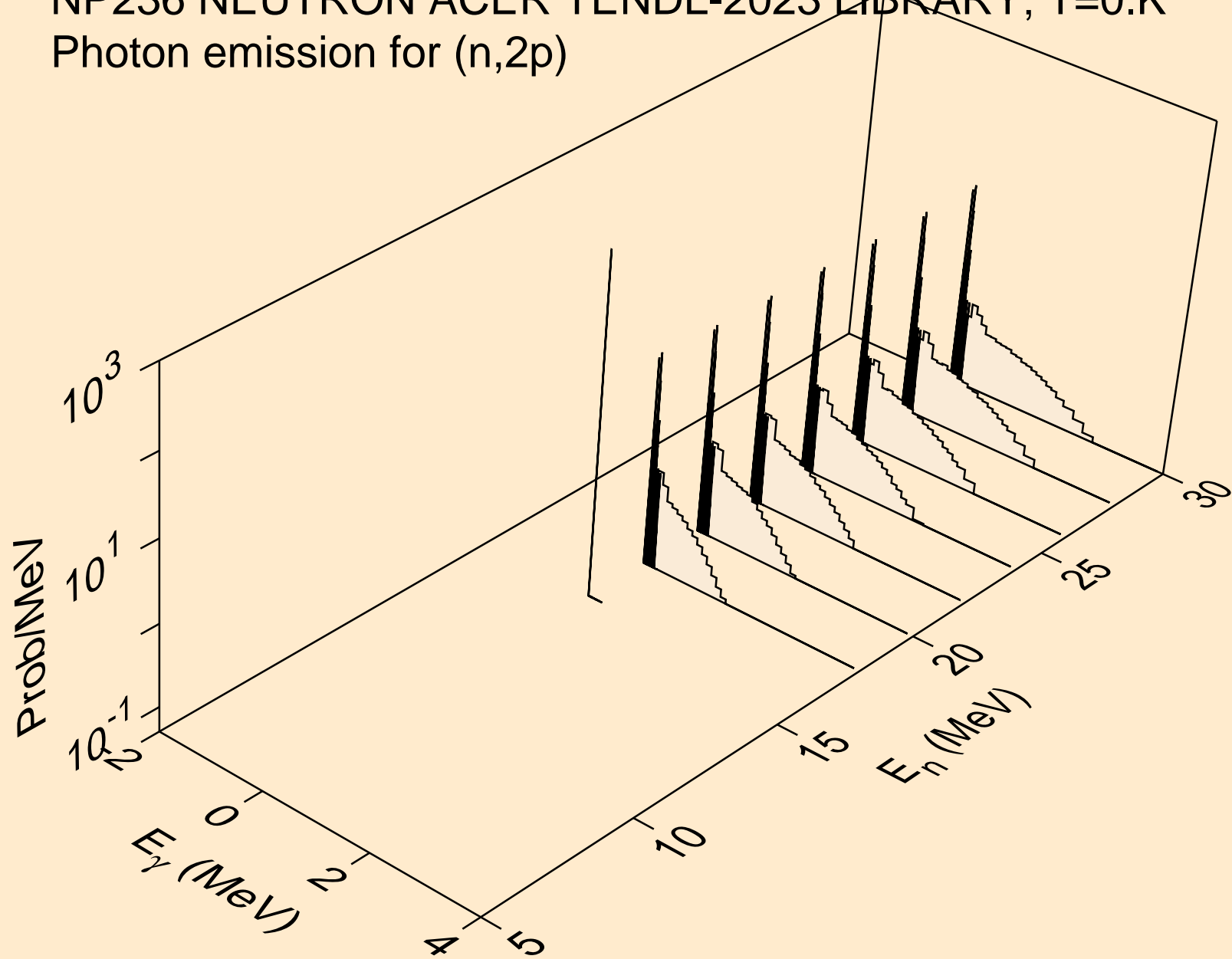


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

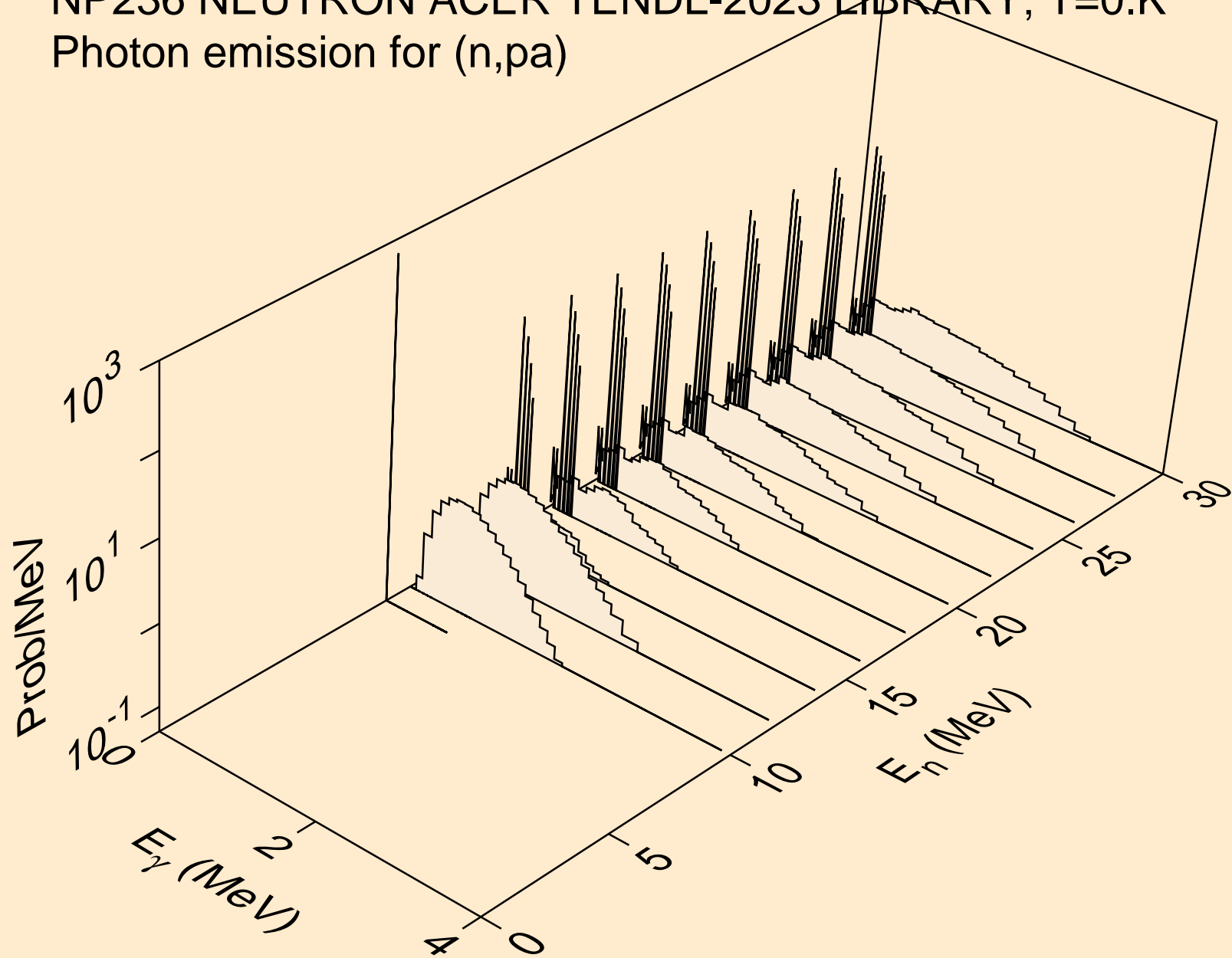




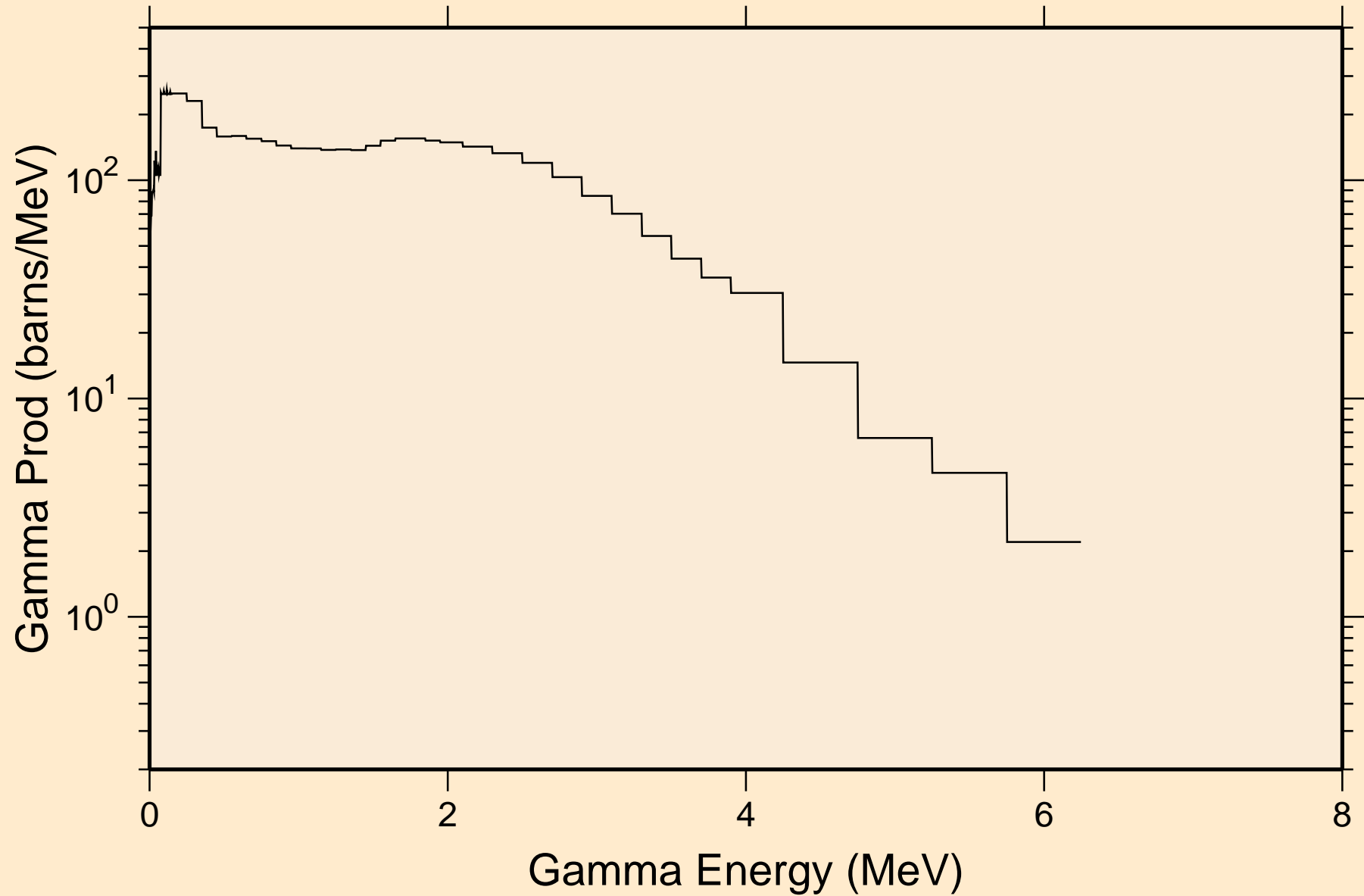
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



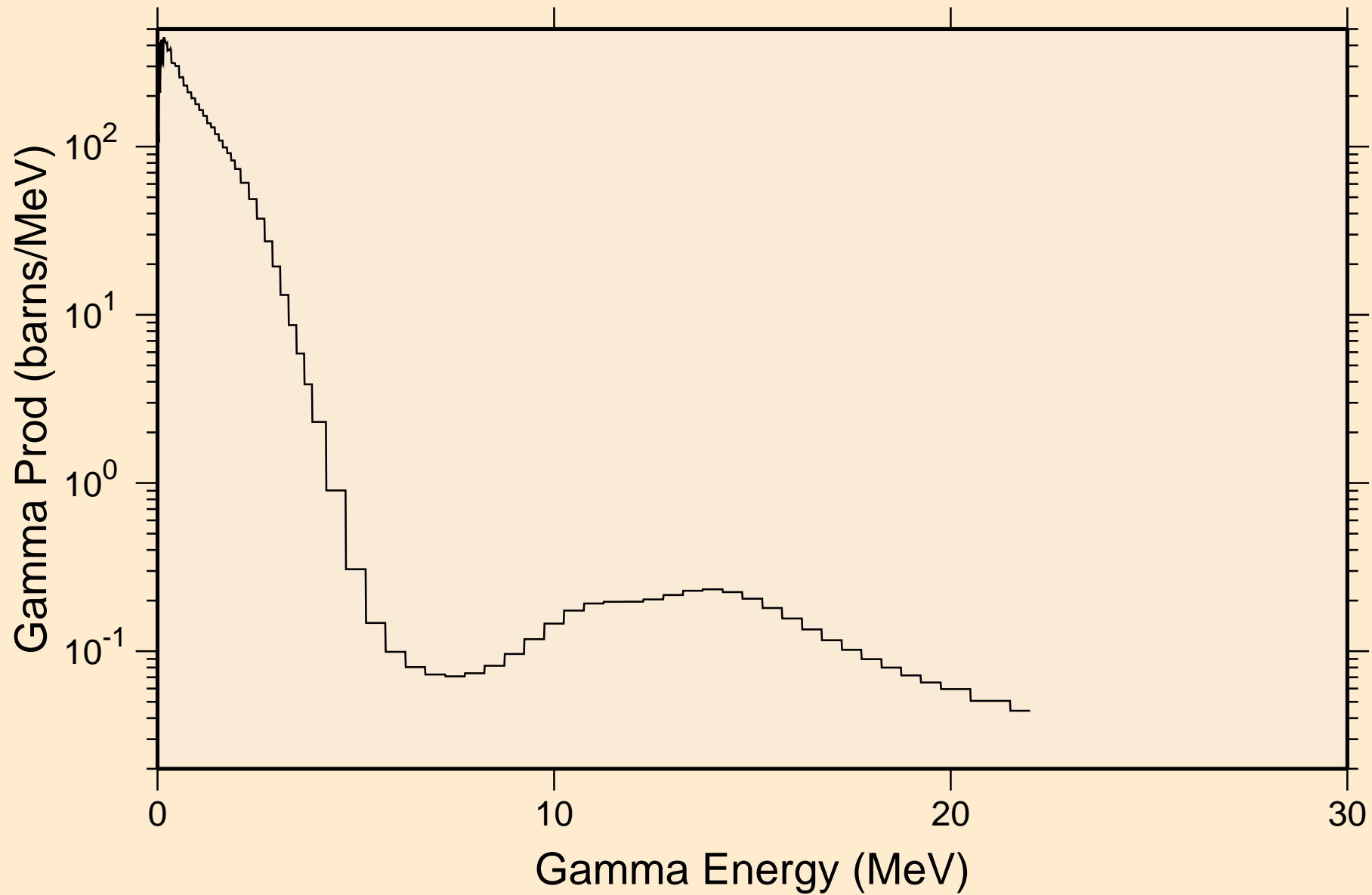
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

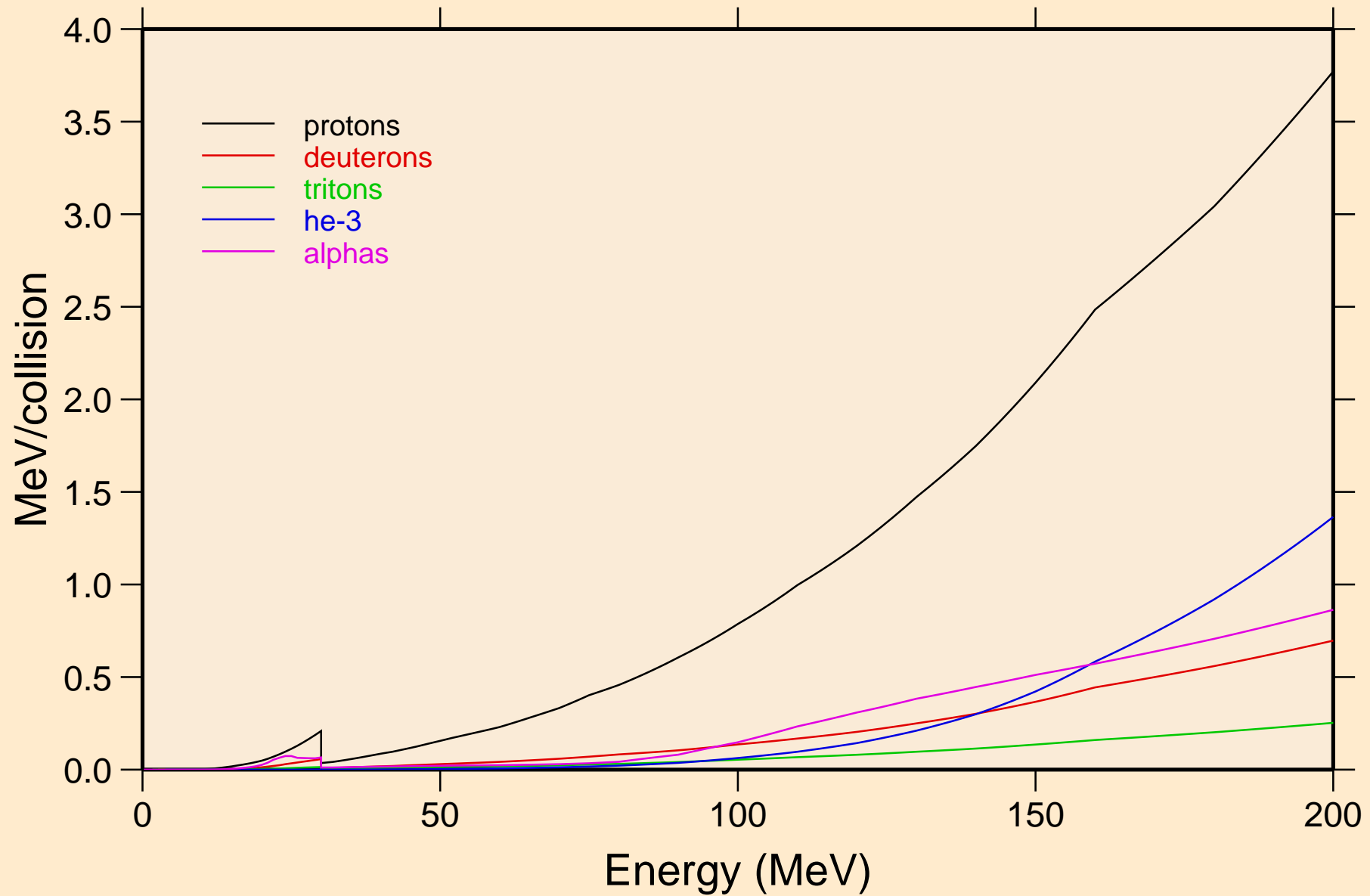


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



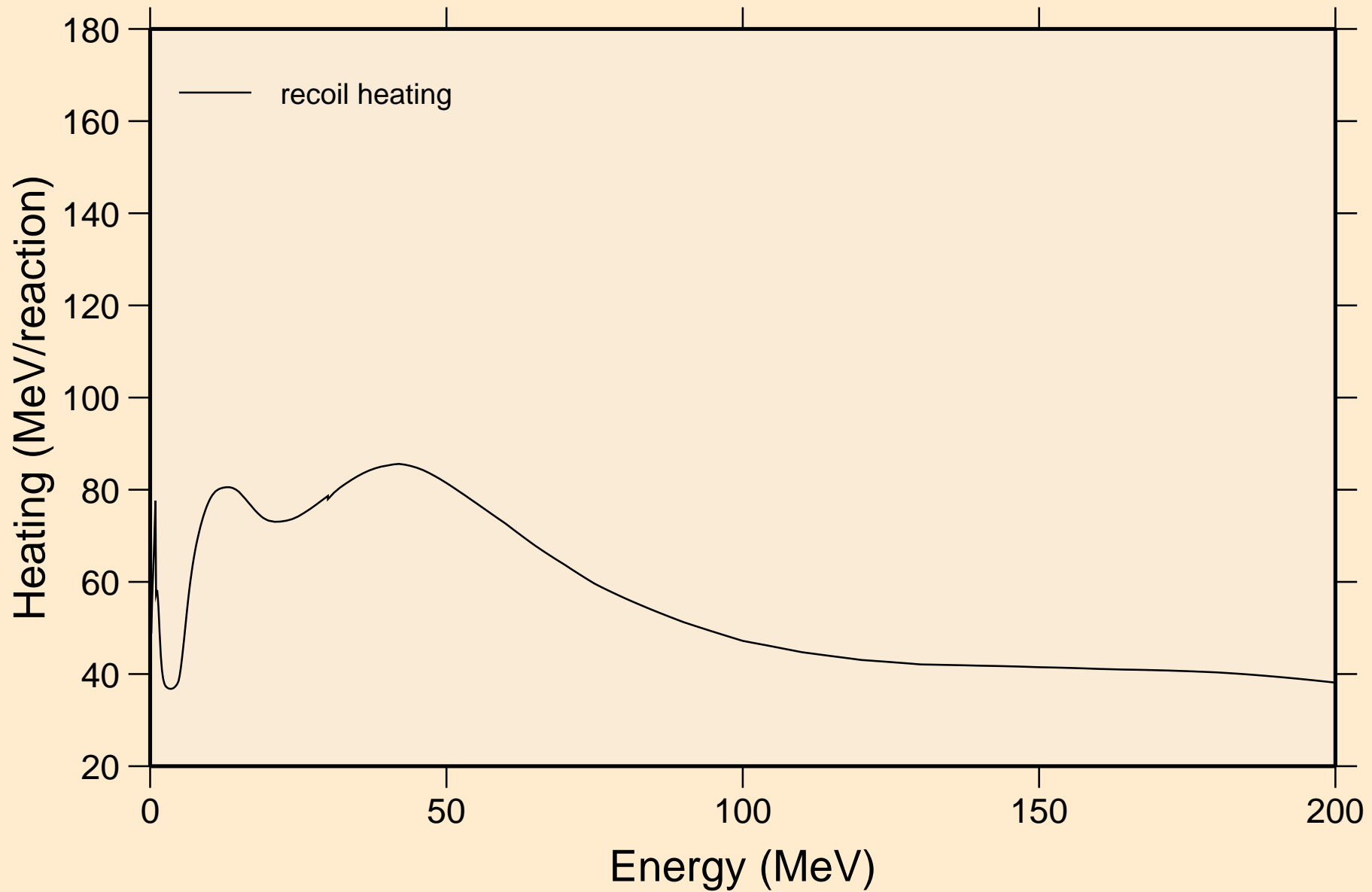
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



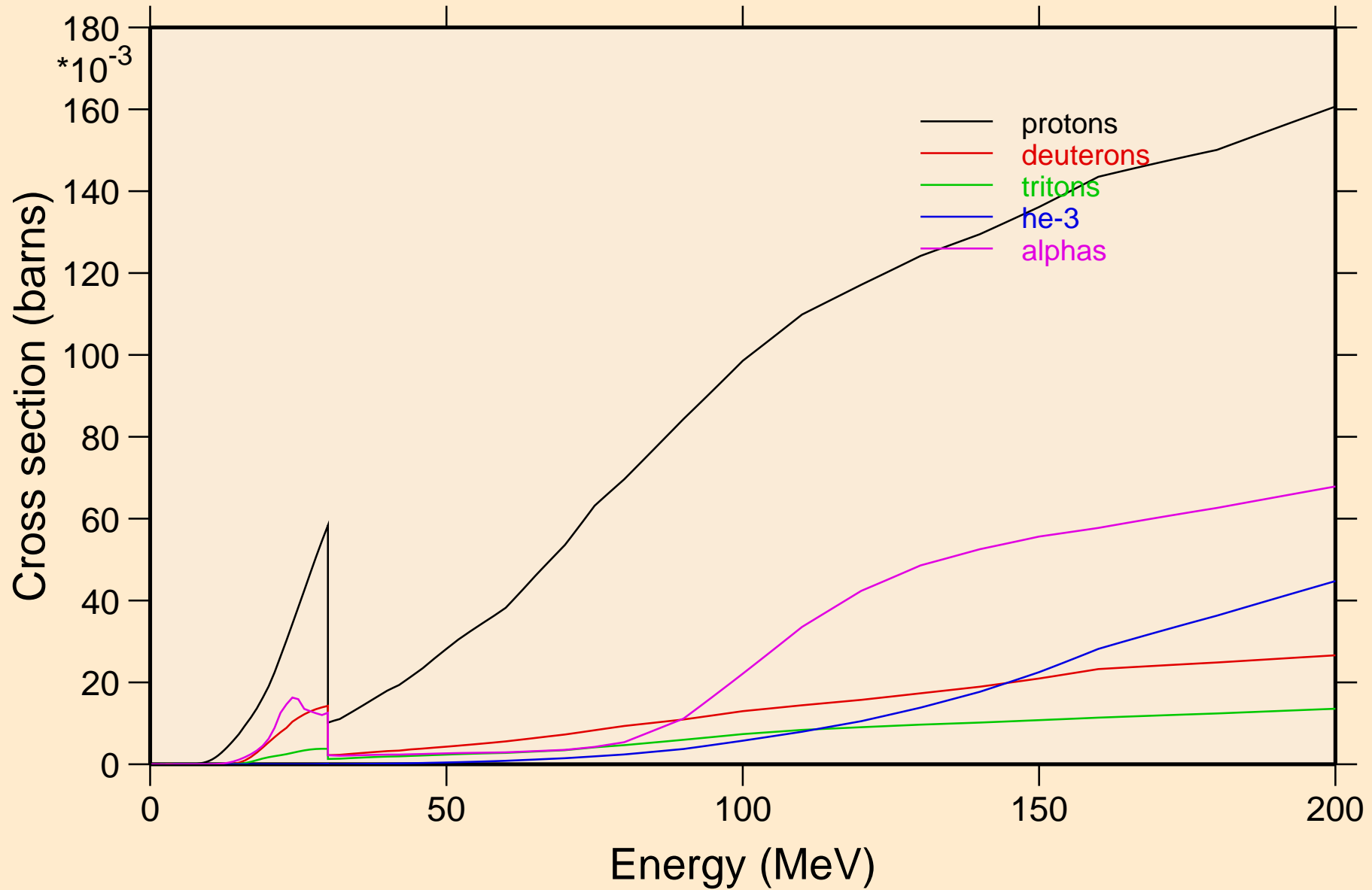
# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

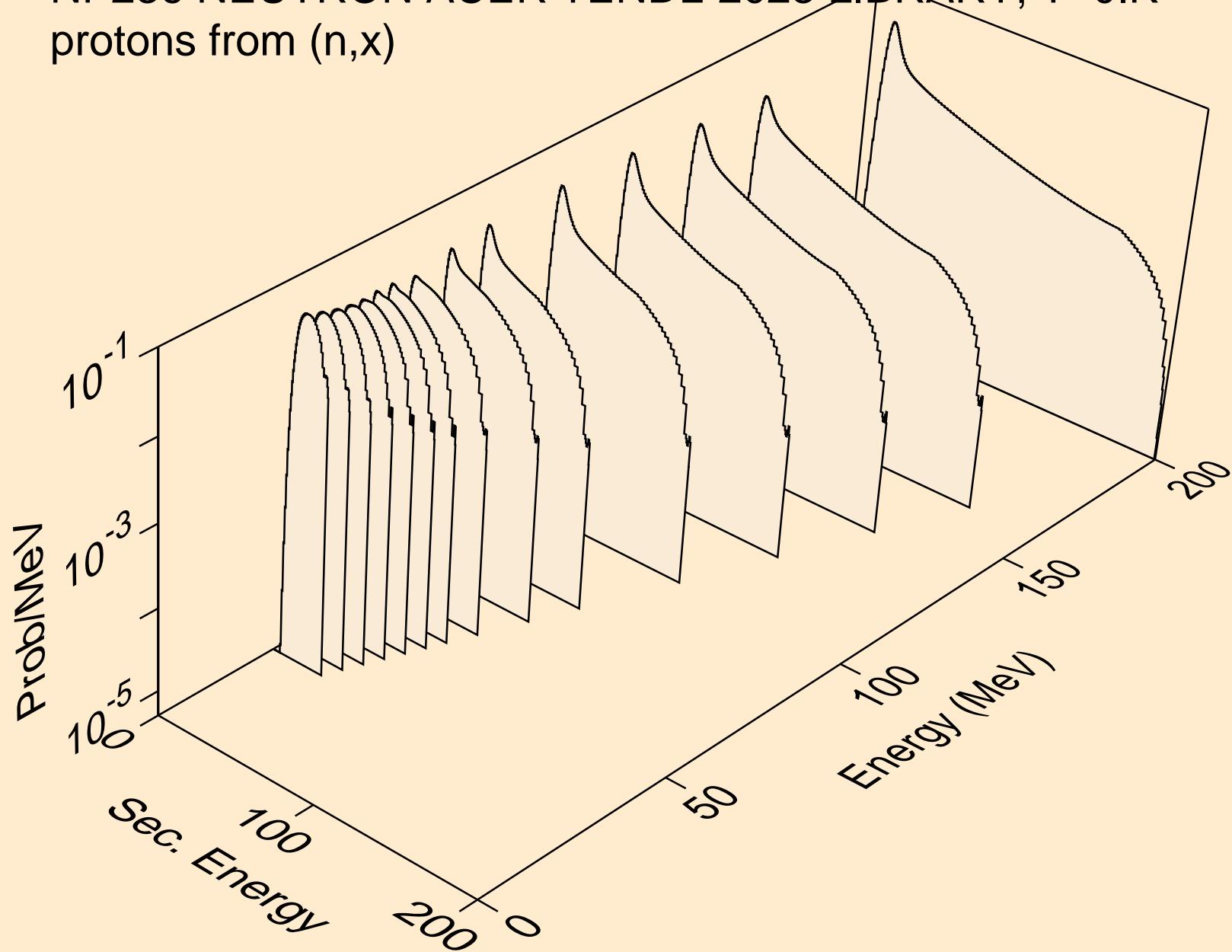


# NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

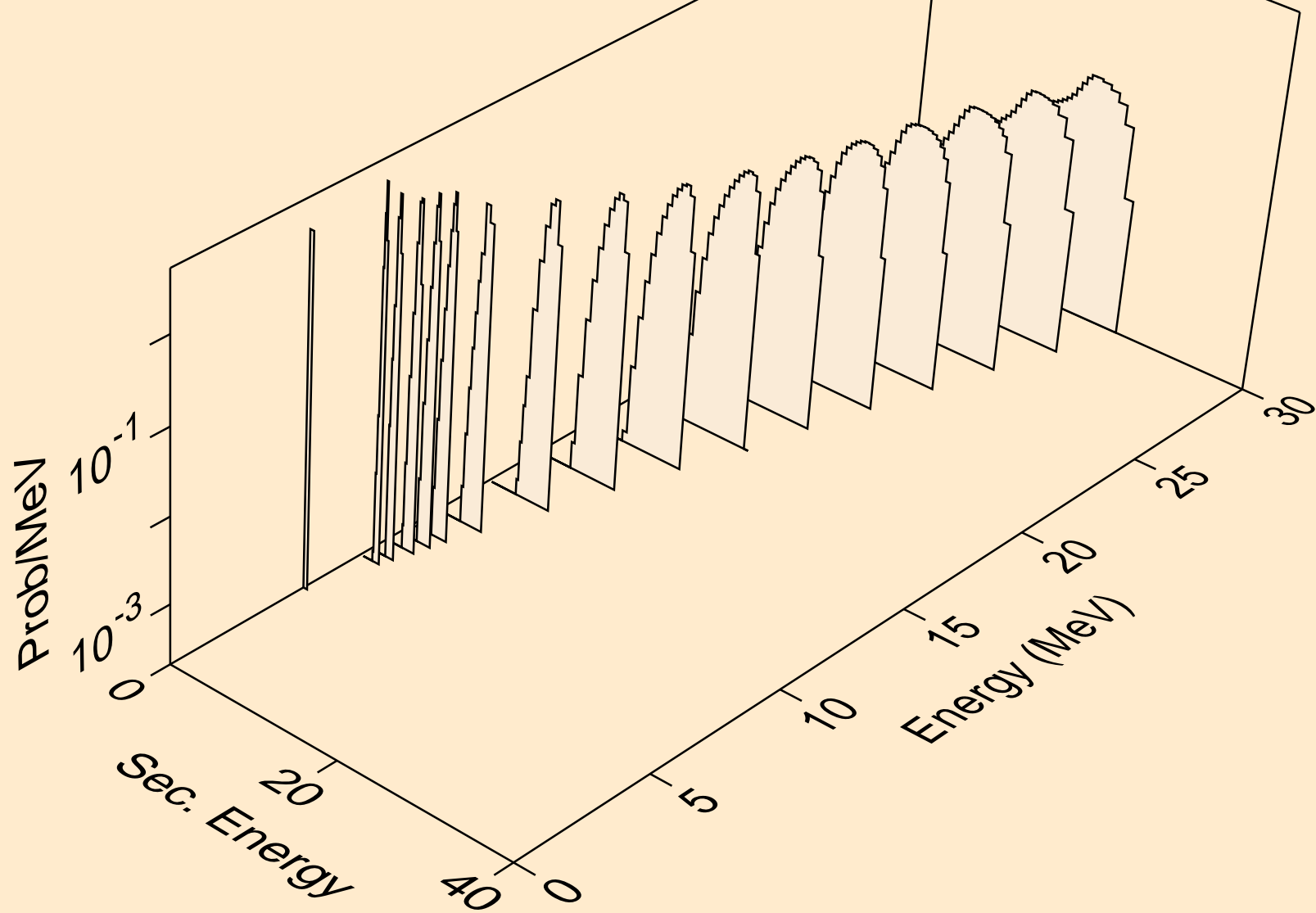


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

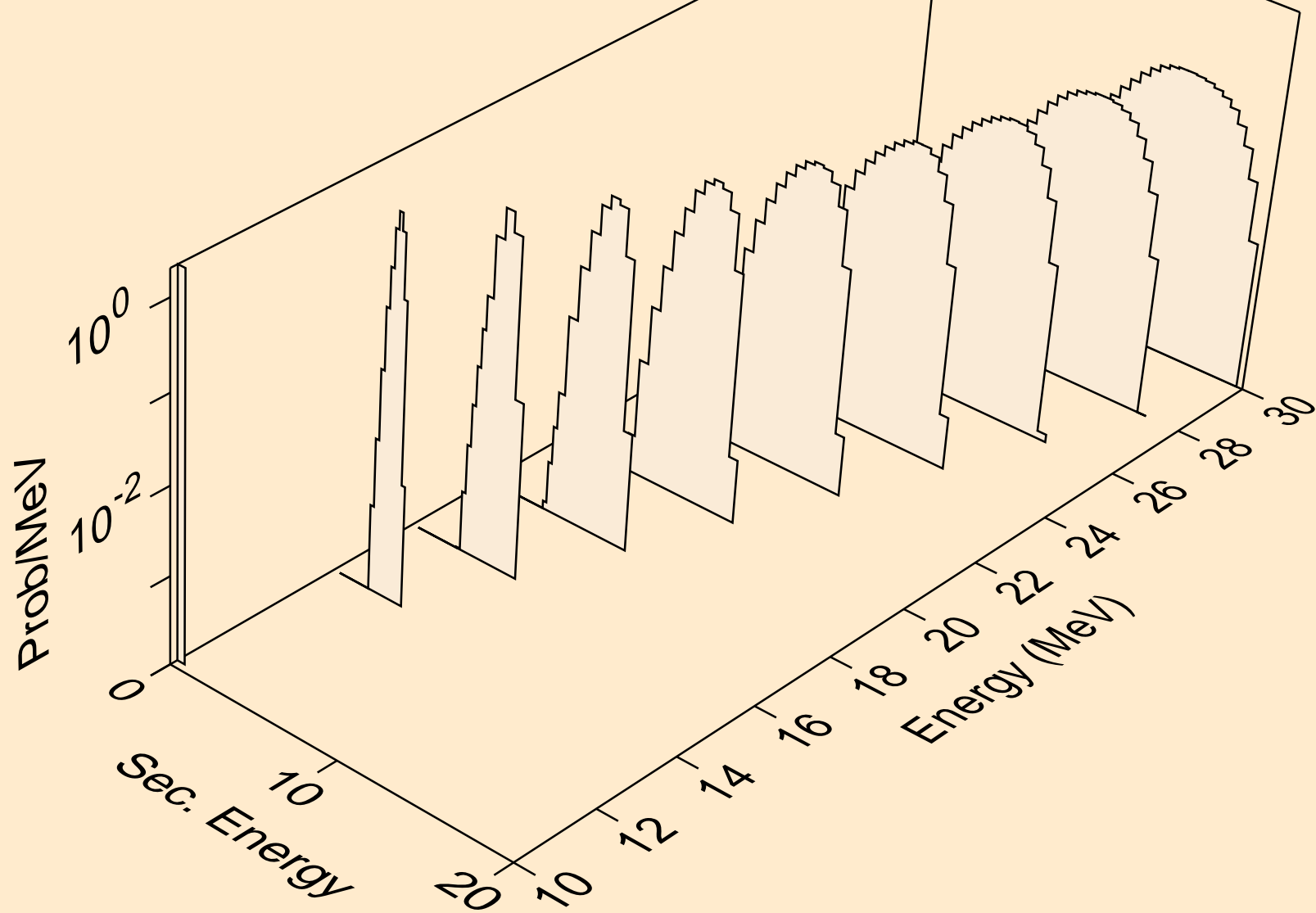




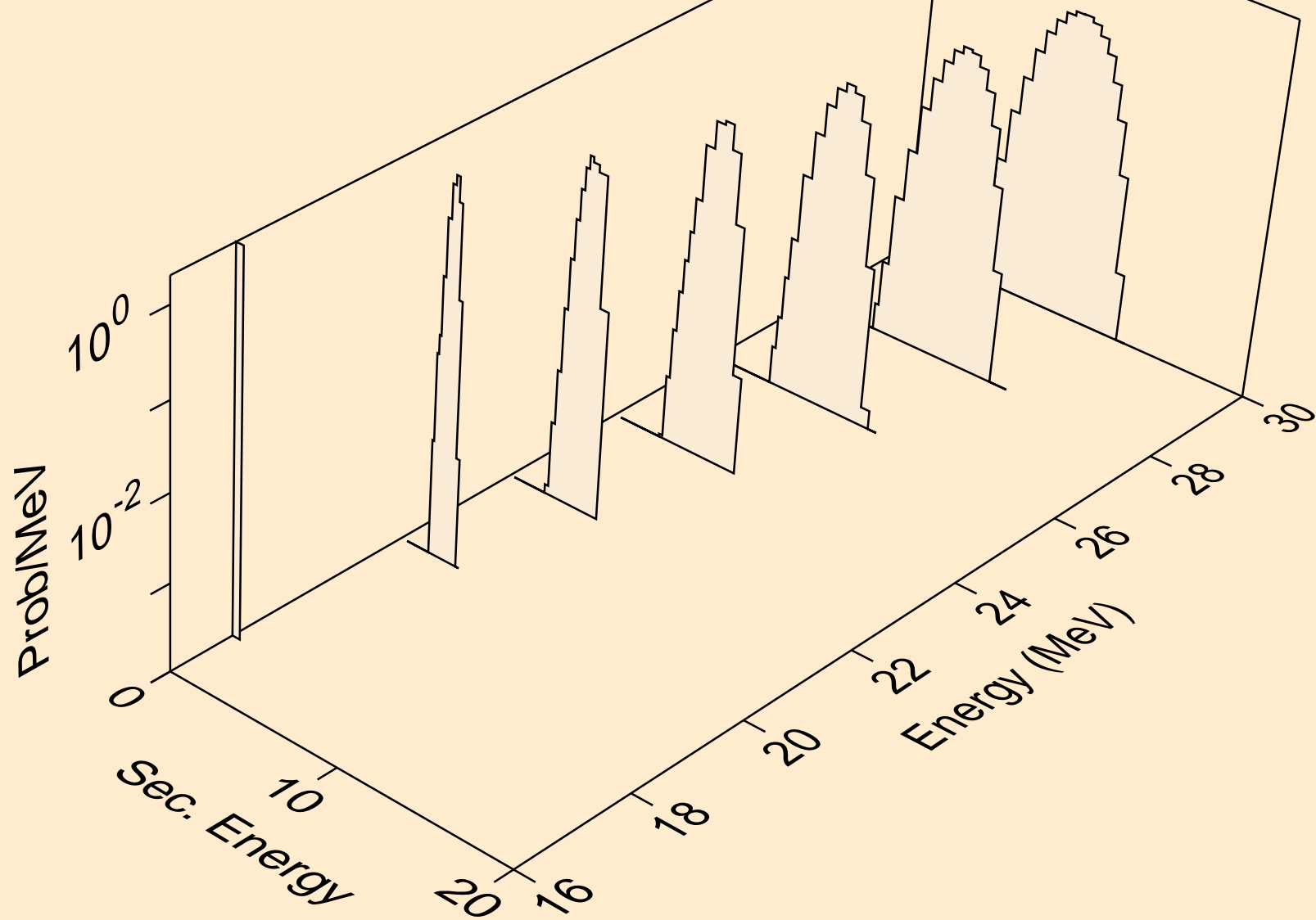
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



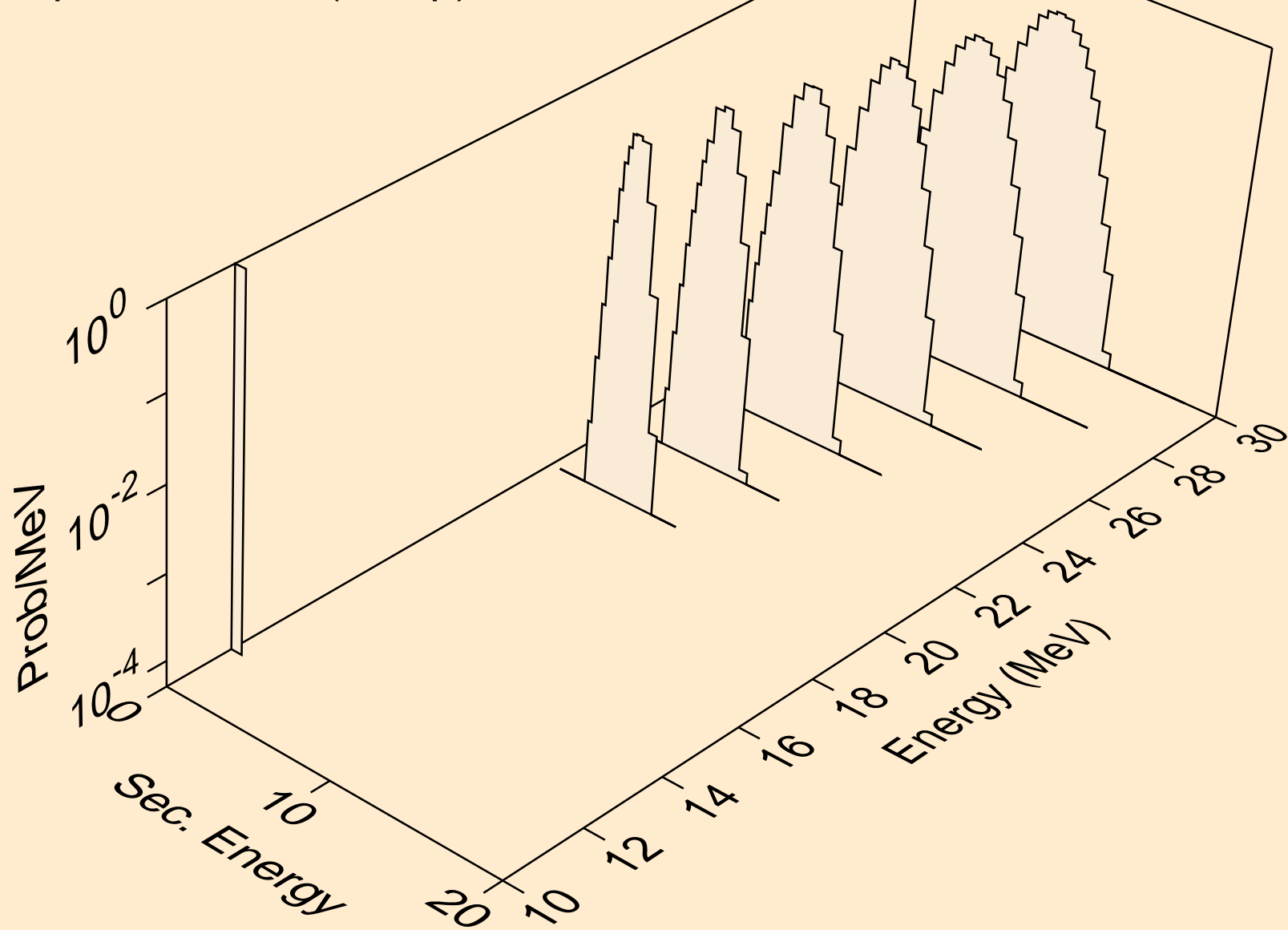
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



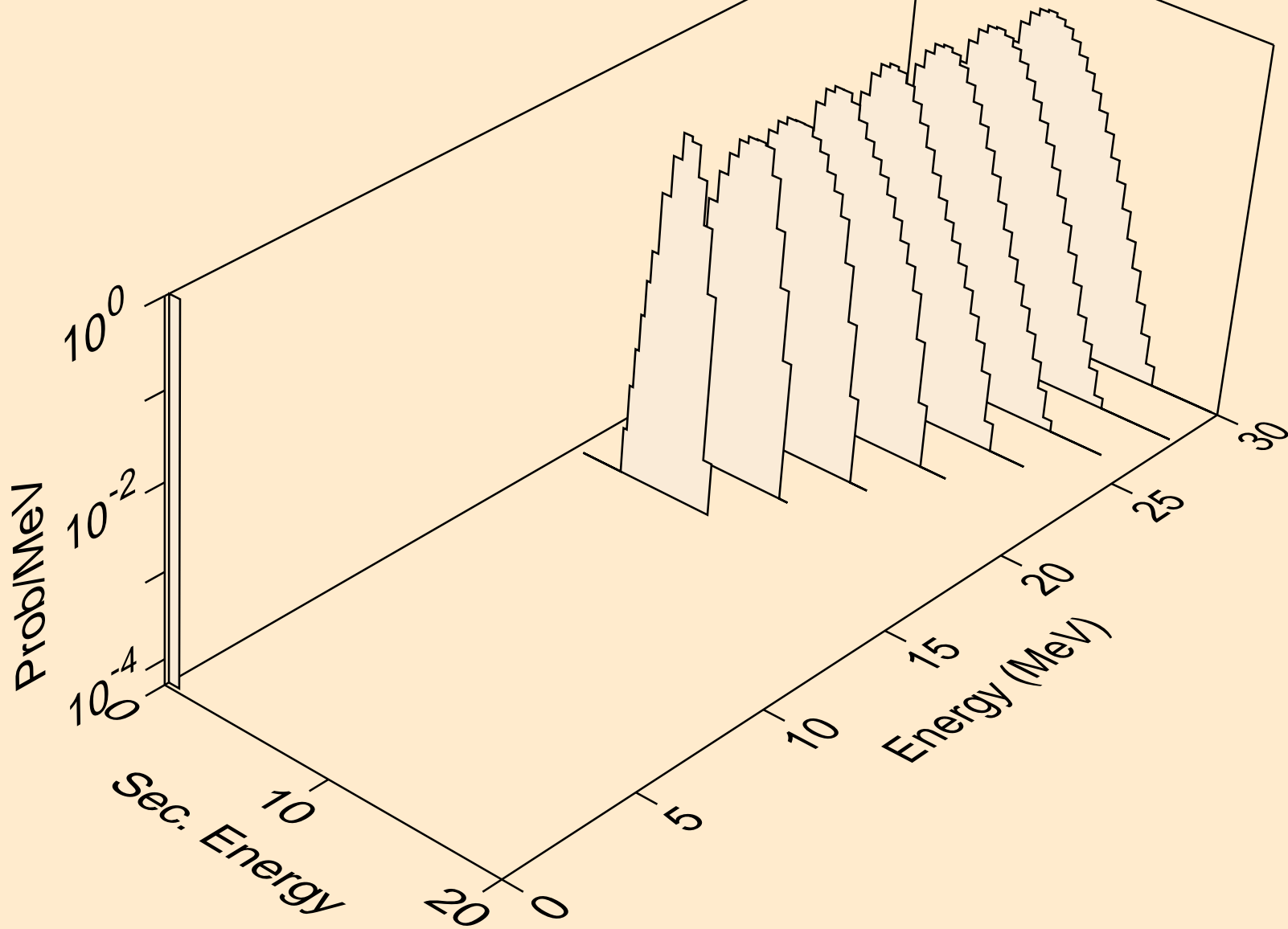
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



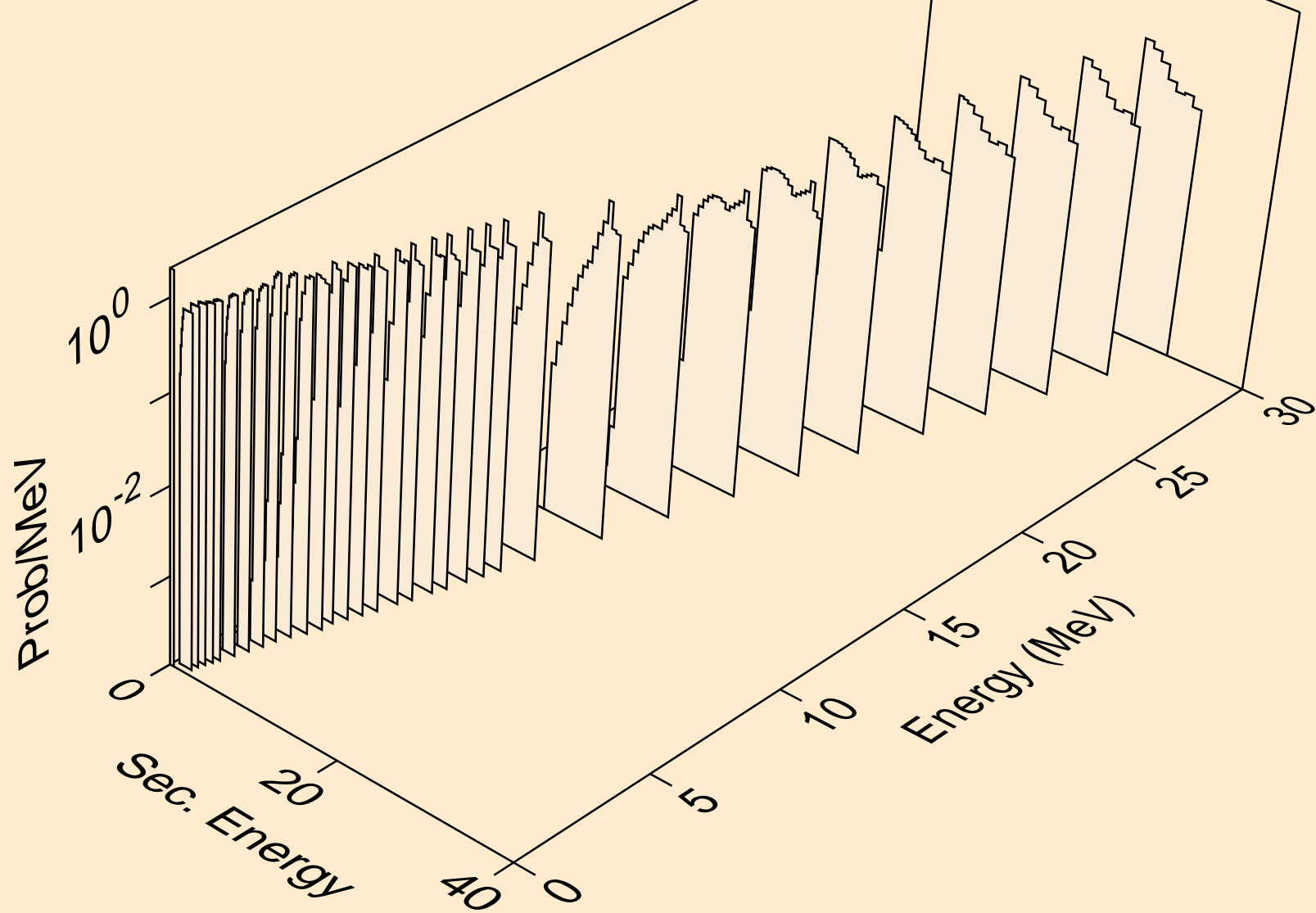
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



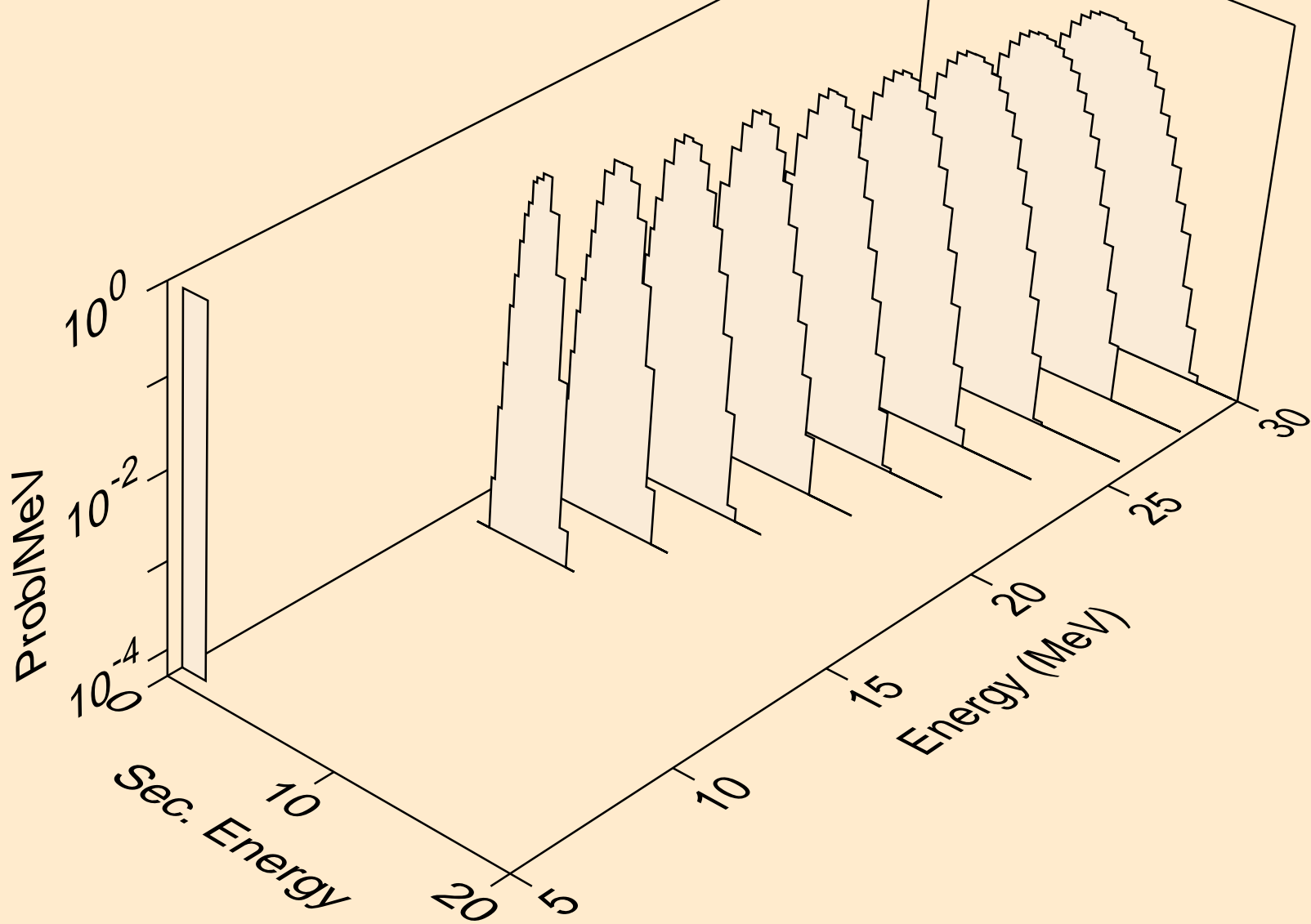
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



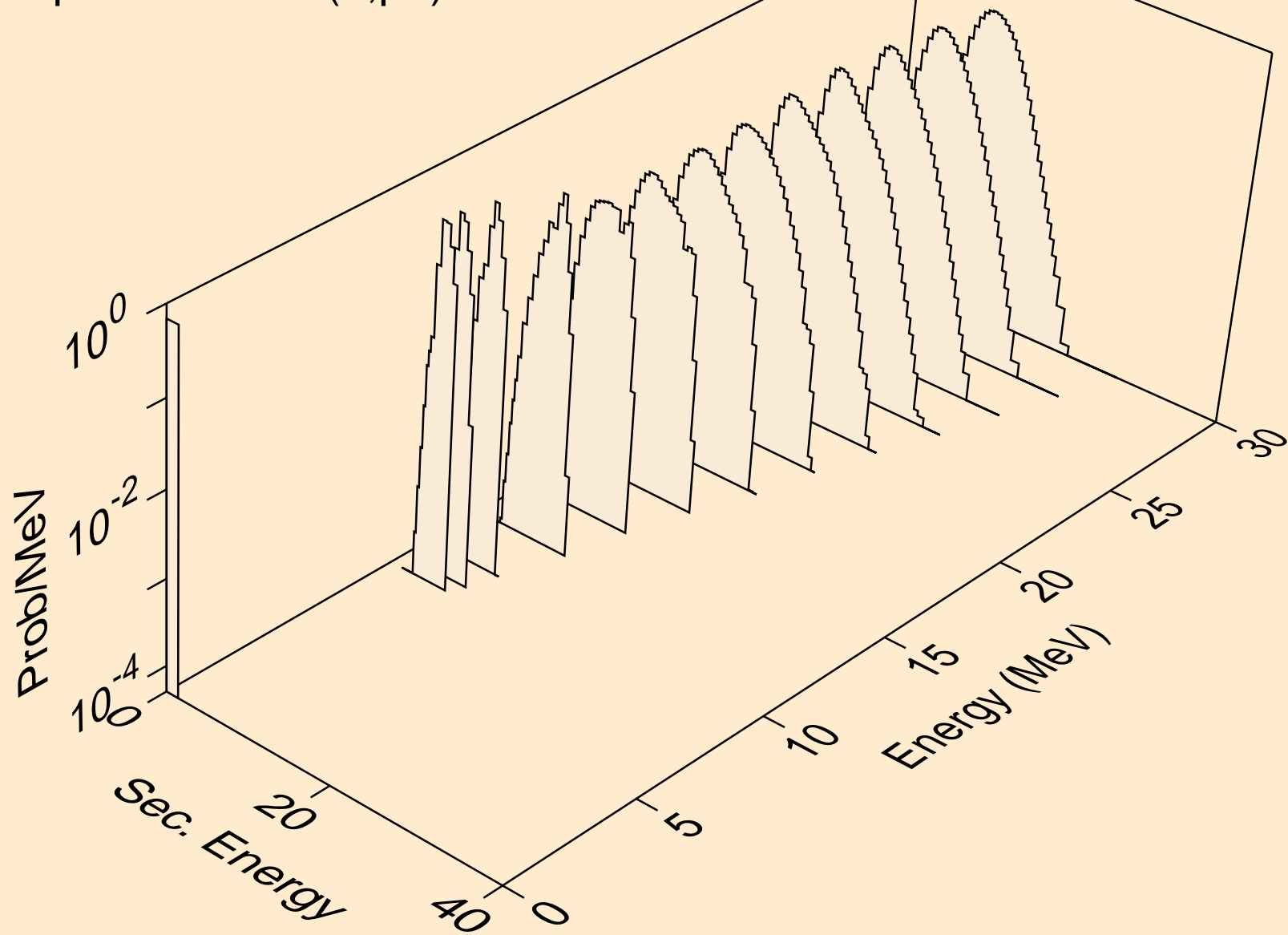
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

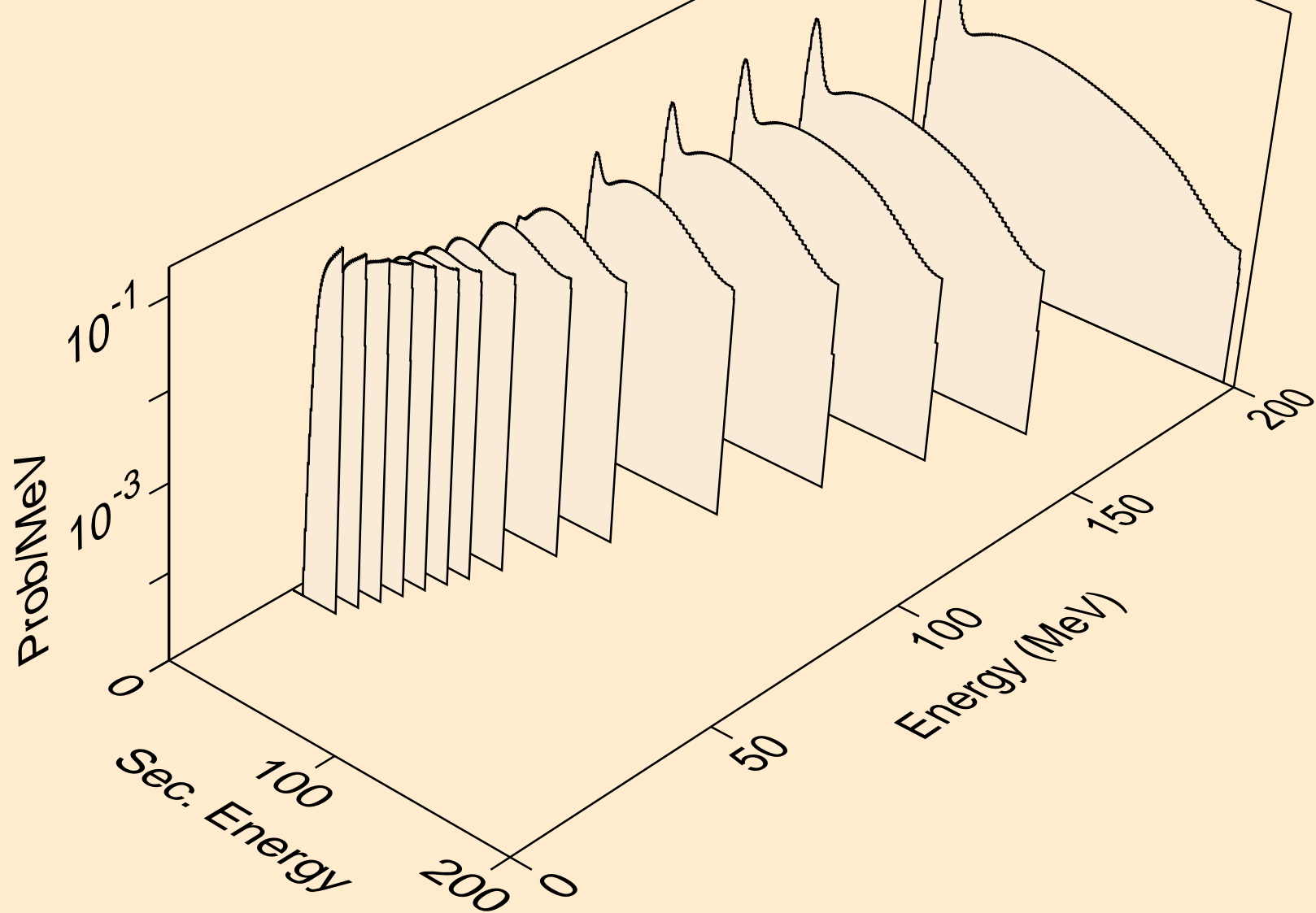


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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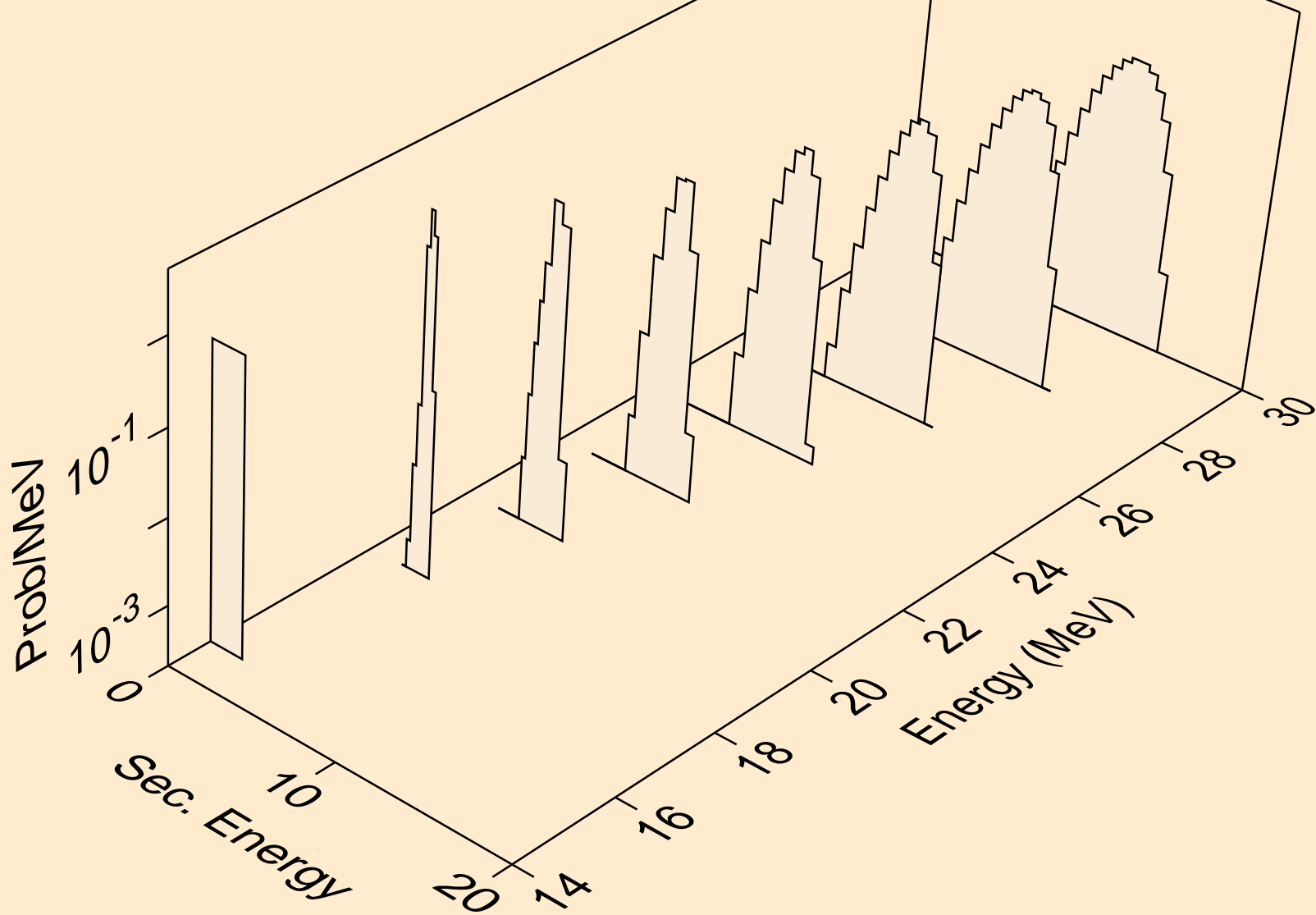




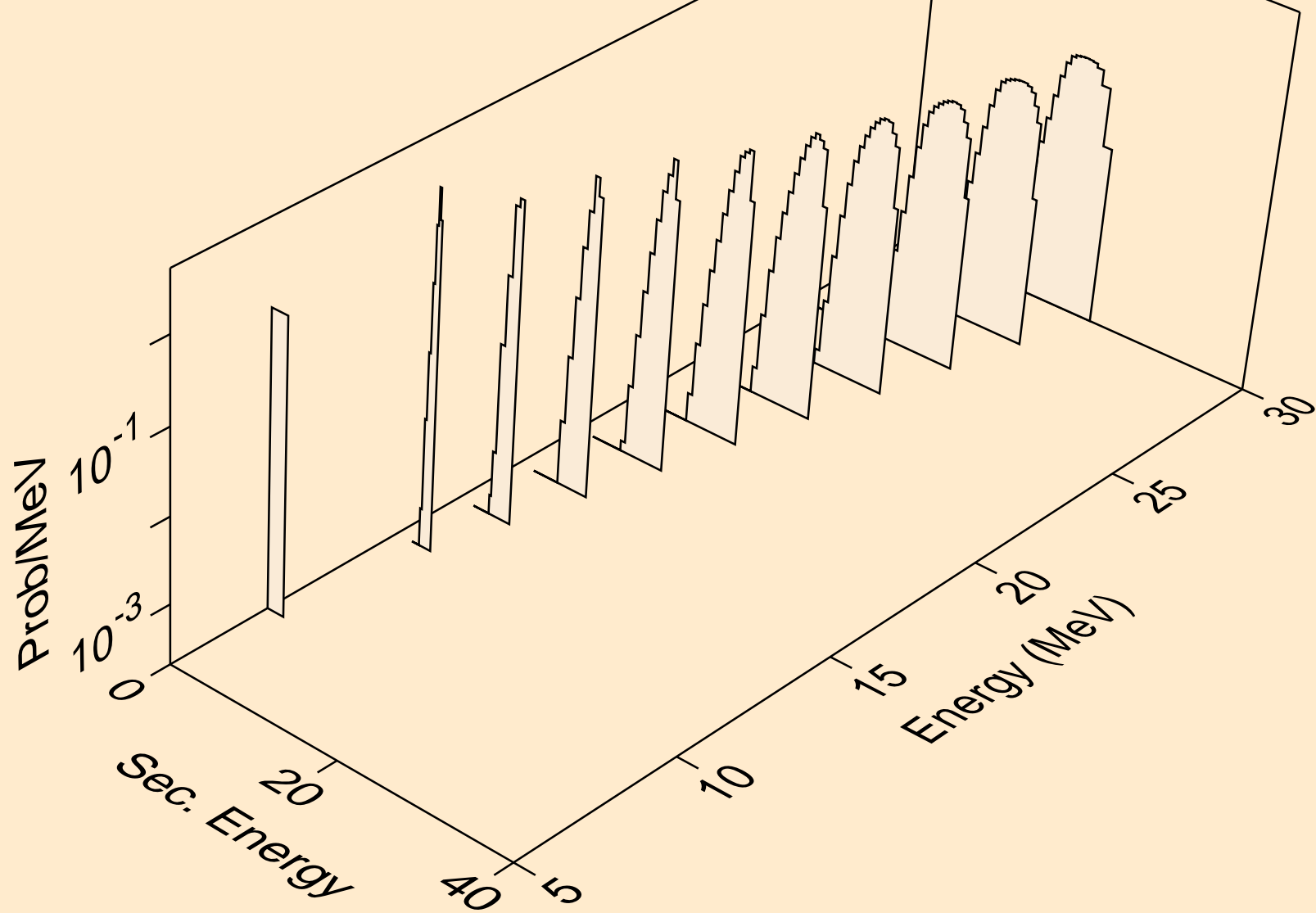
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



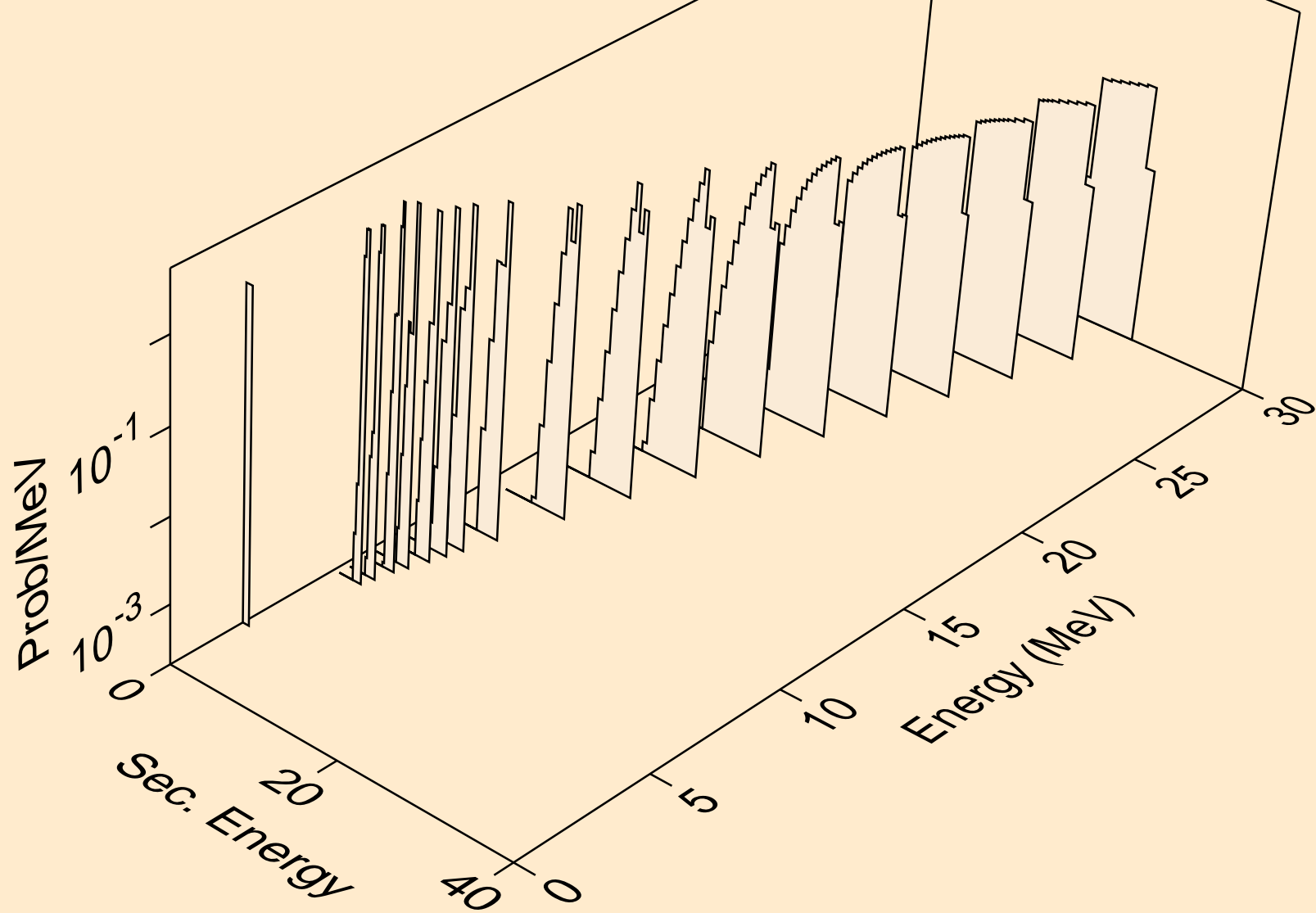
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deuterons from (n,2nd)



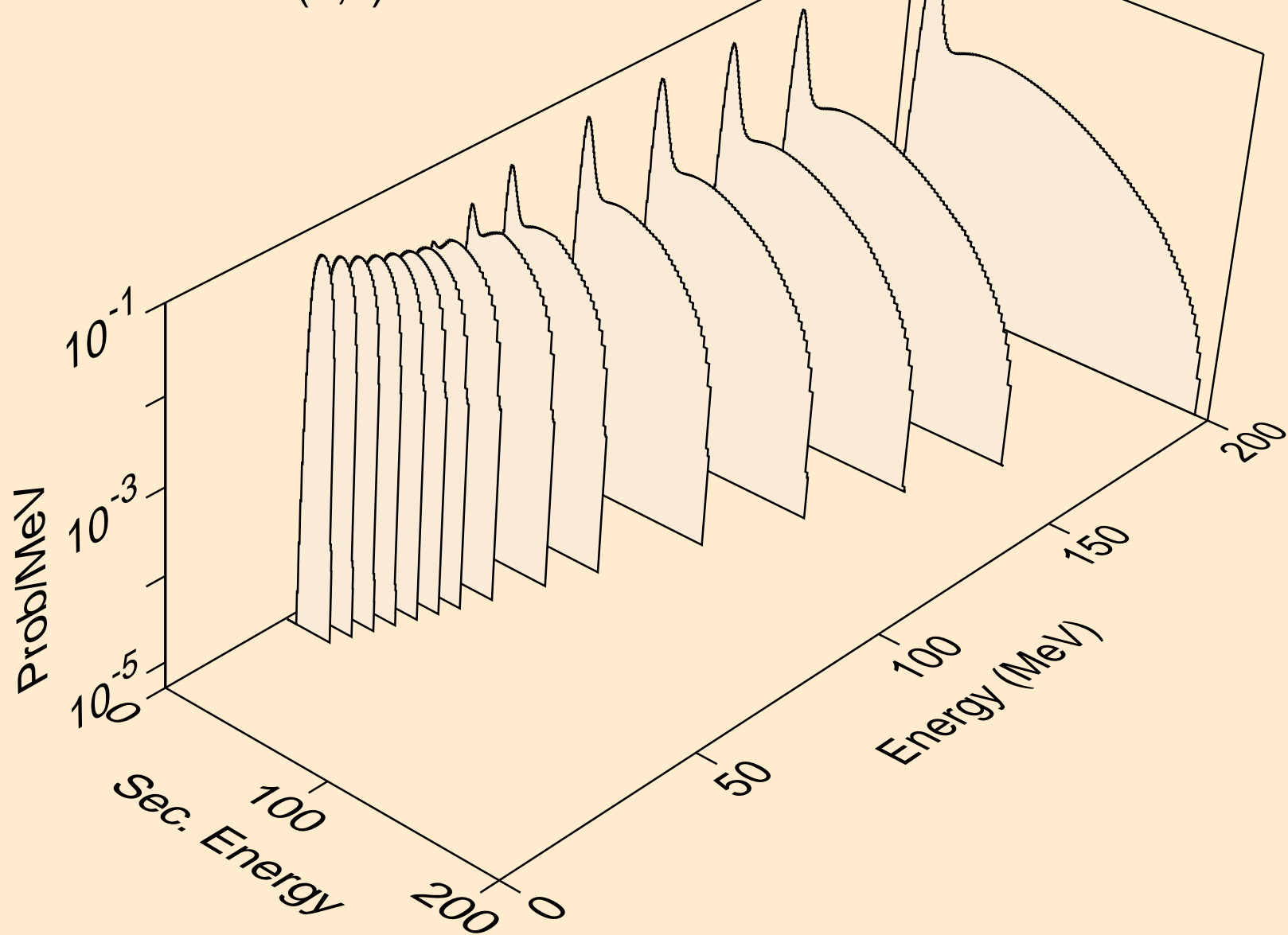
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



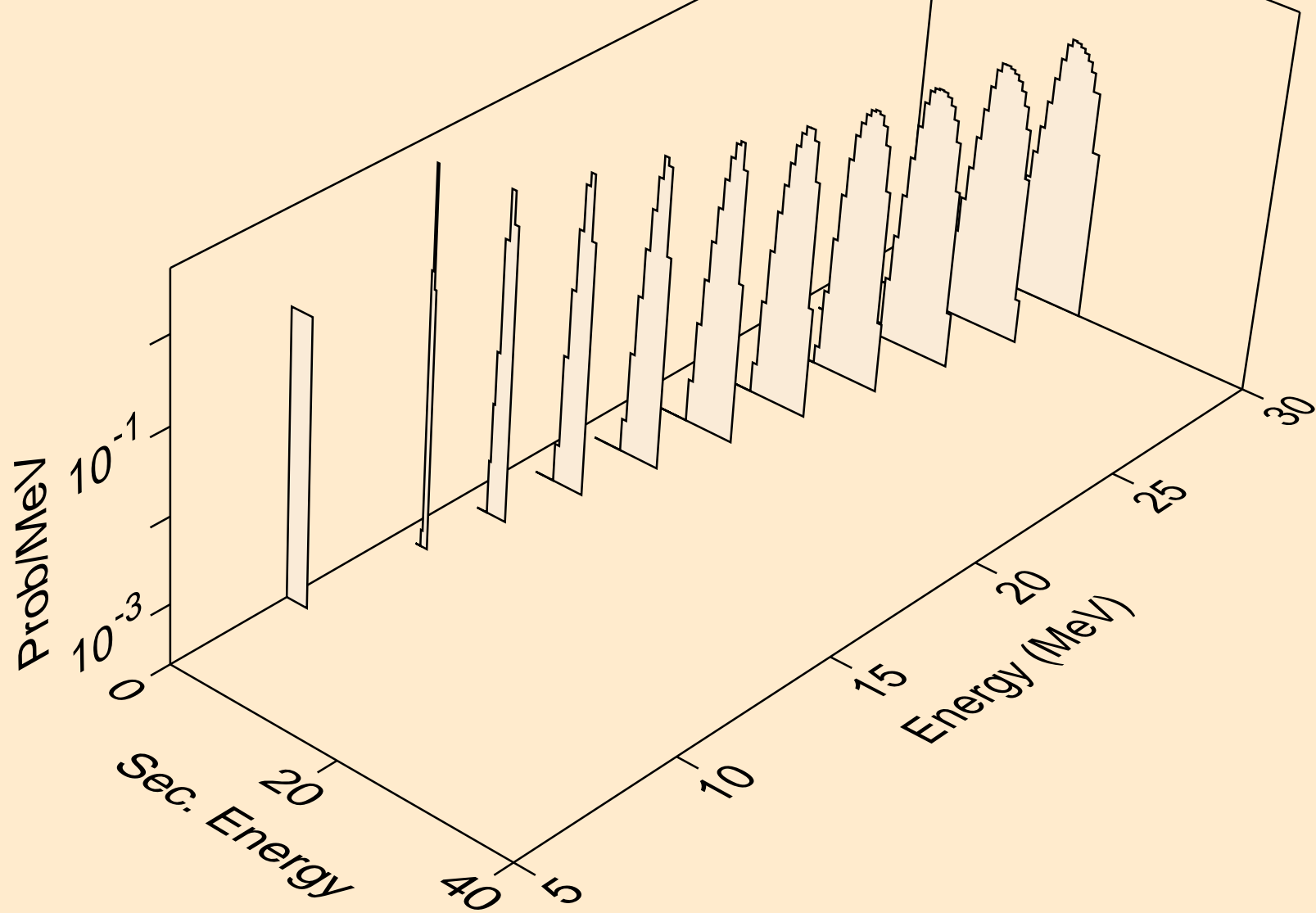
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



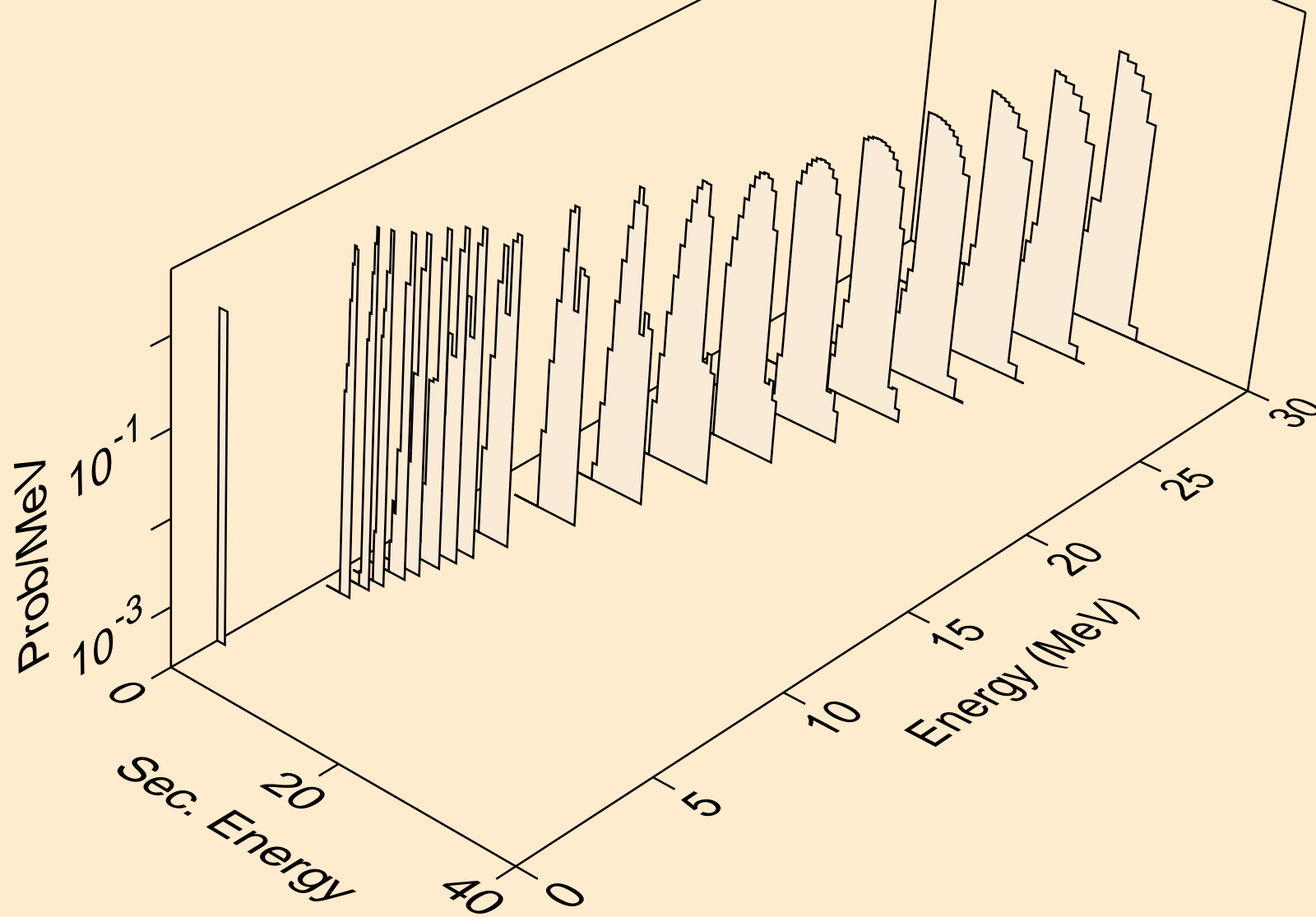
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



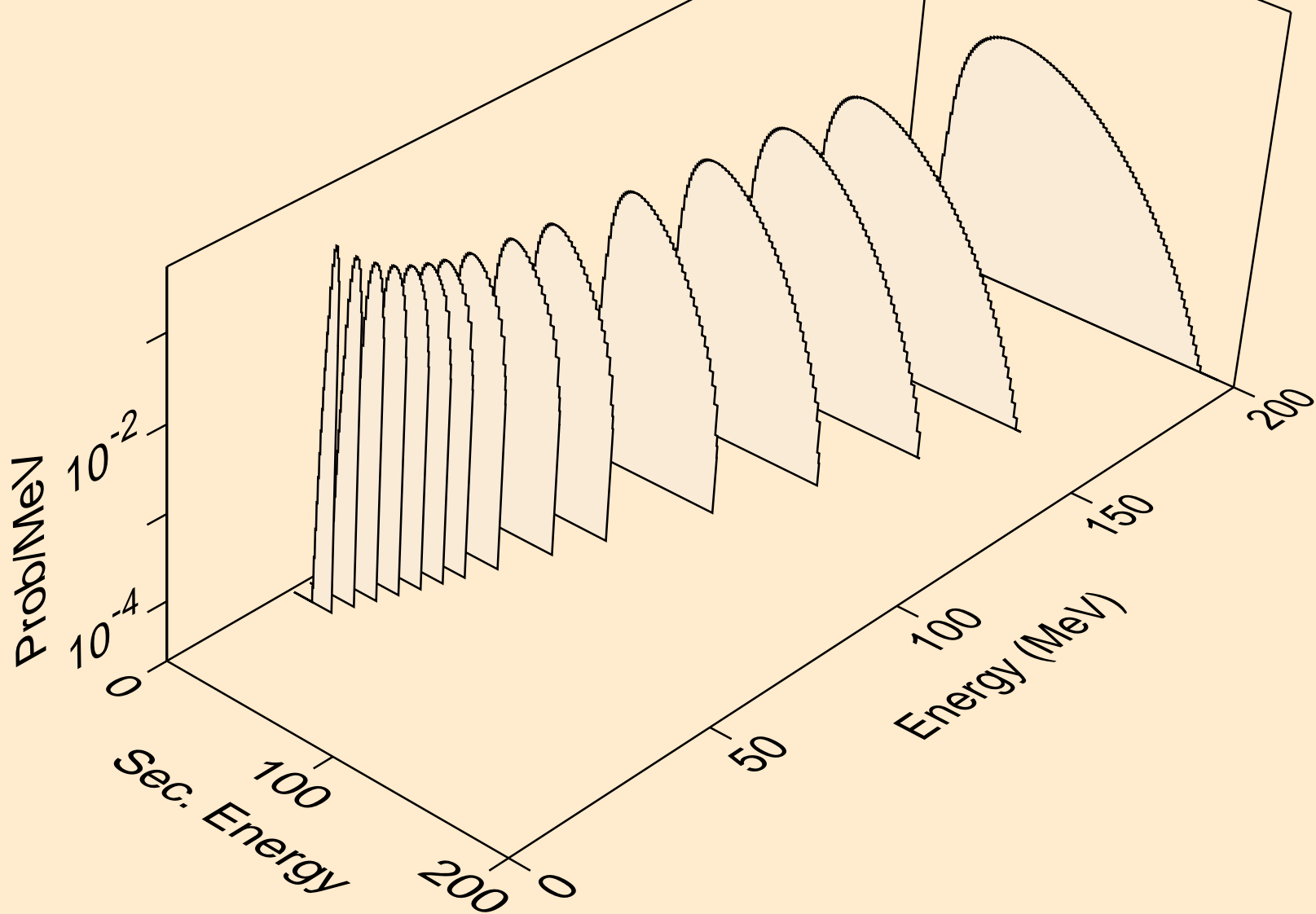
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

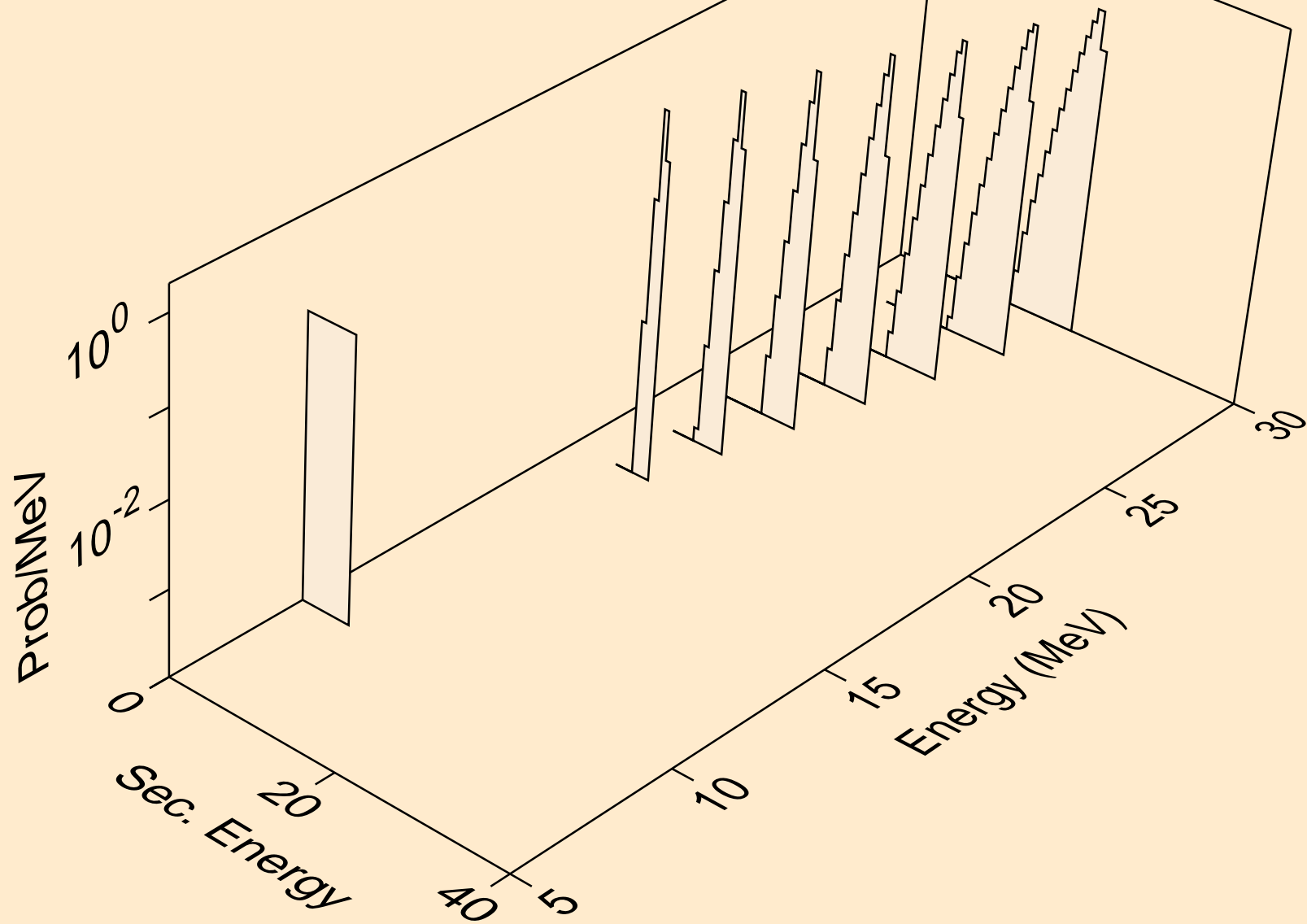


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

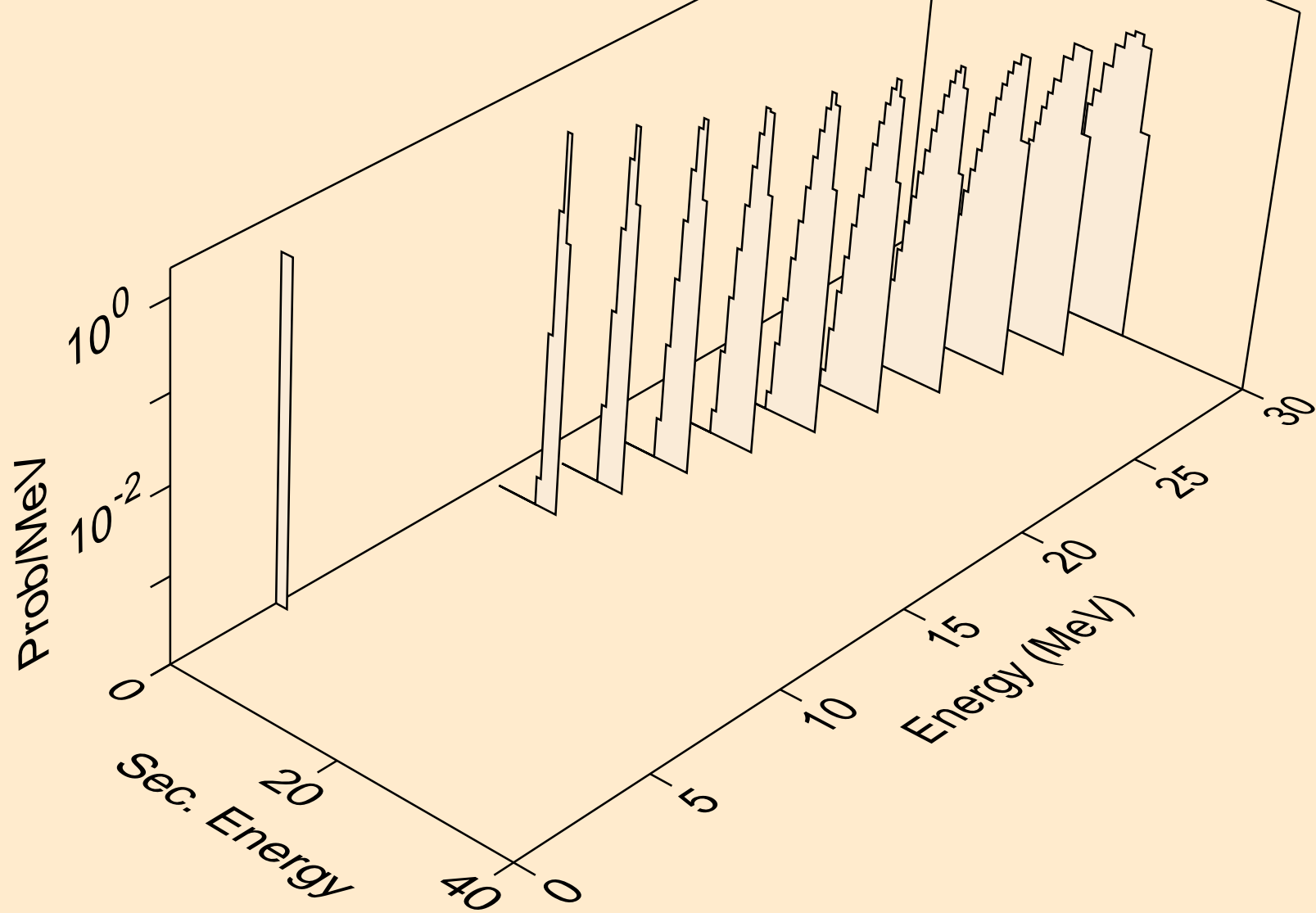




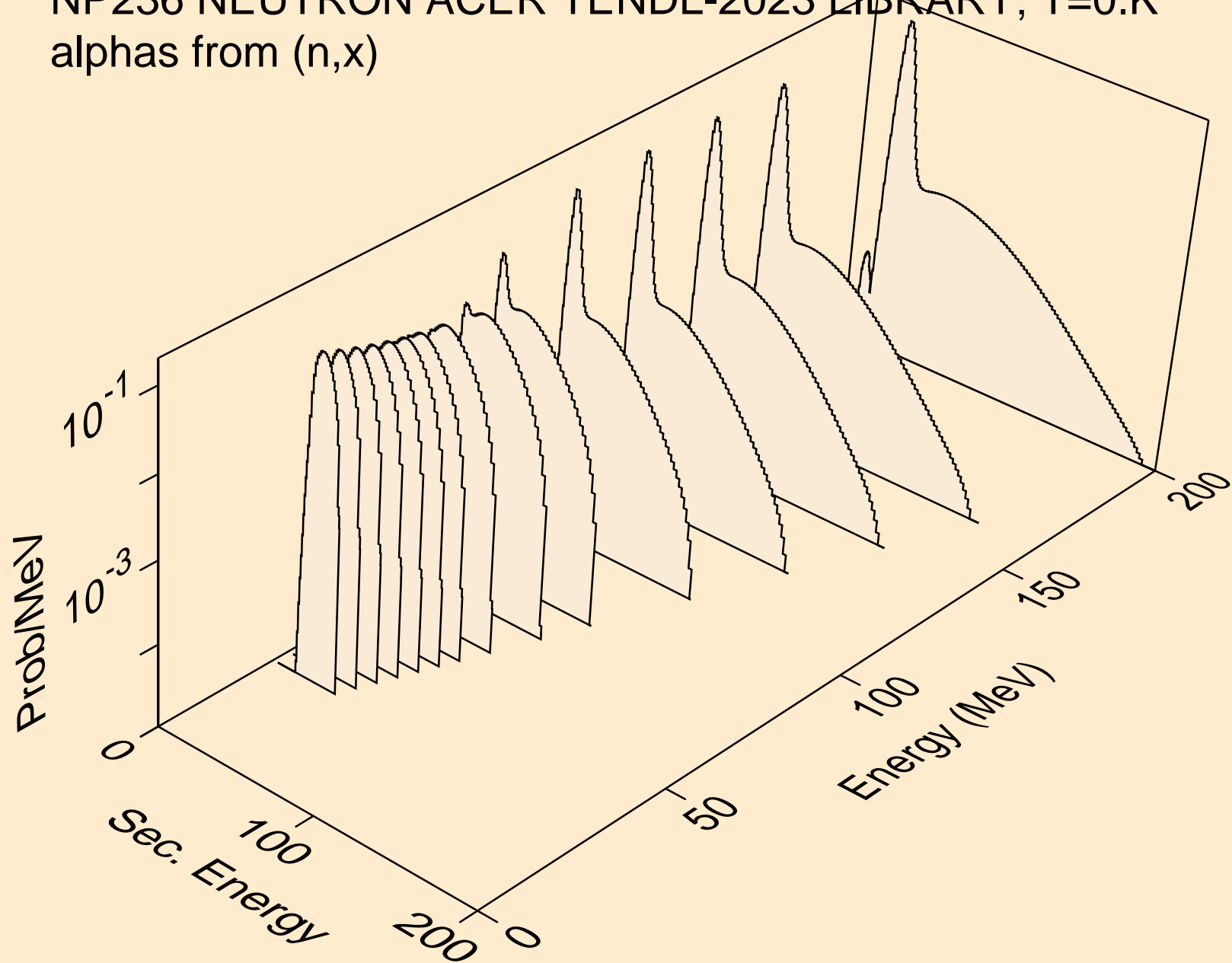
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



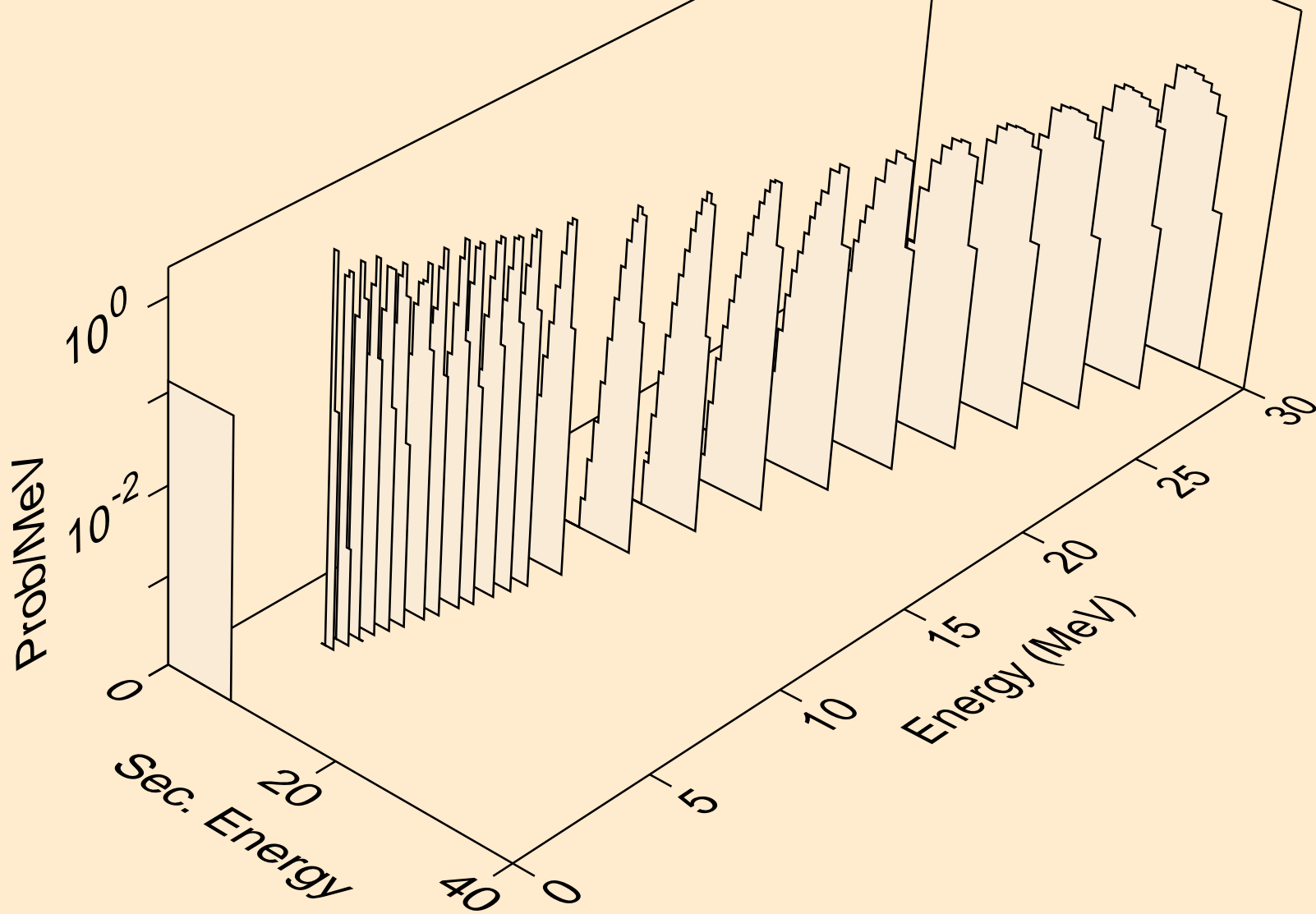
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he3s from (n,he3)



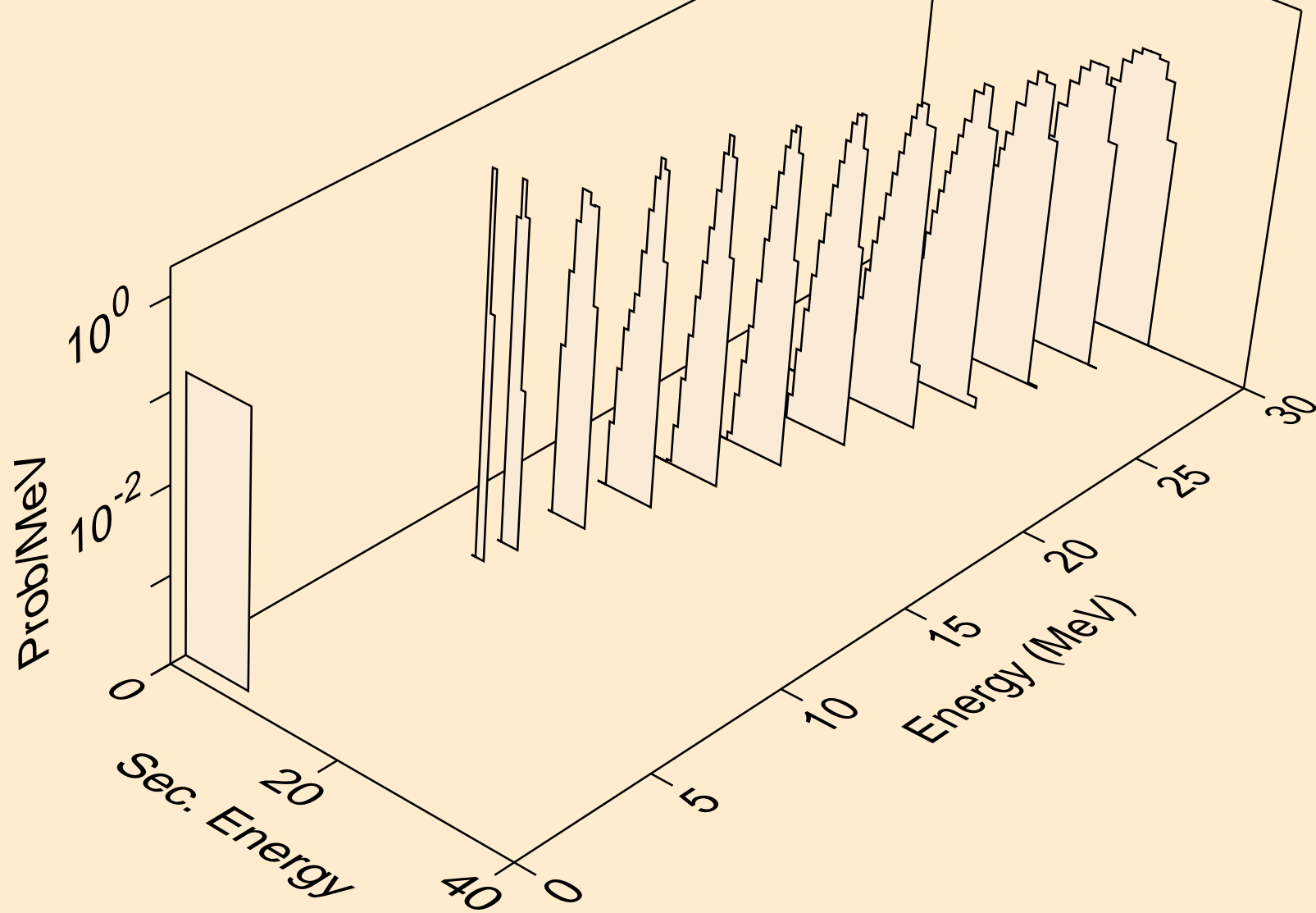
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



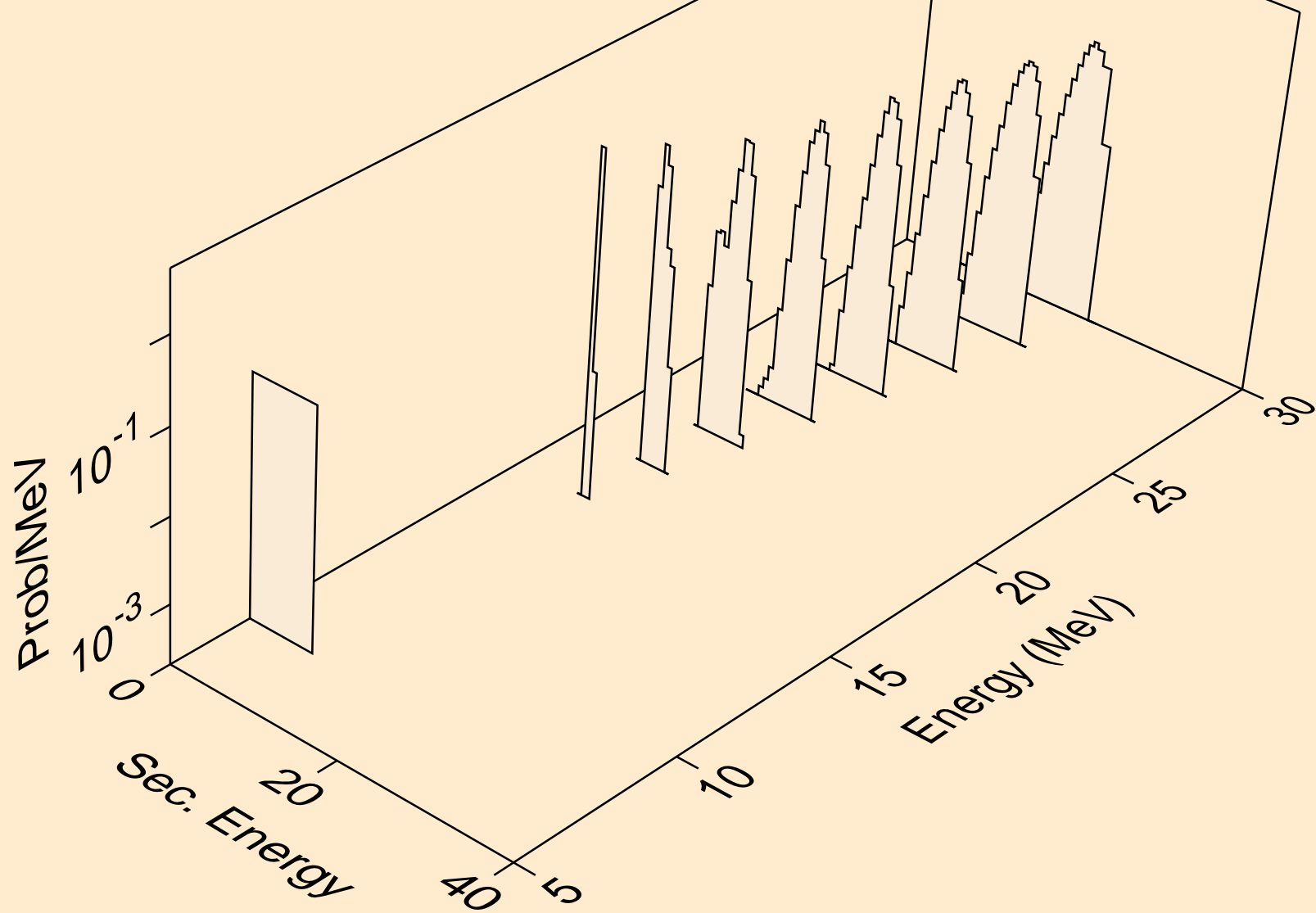
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alphas from (n,n\*)a



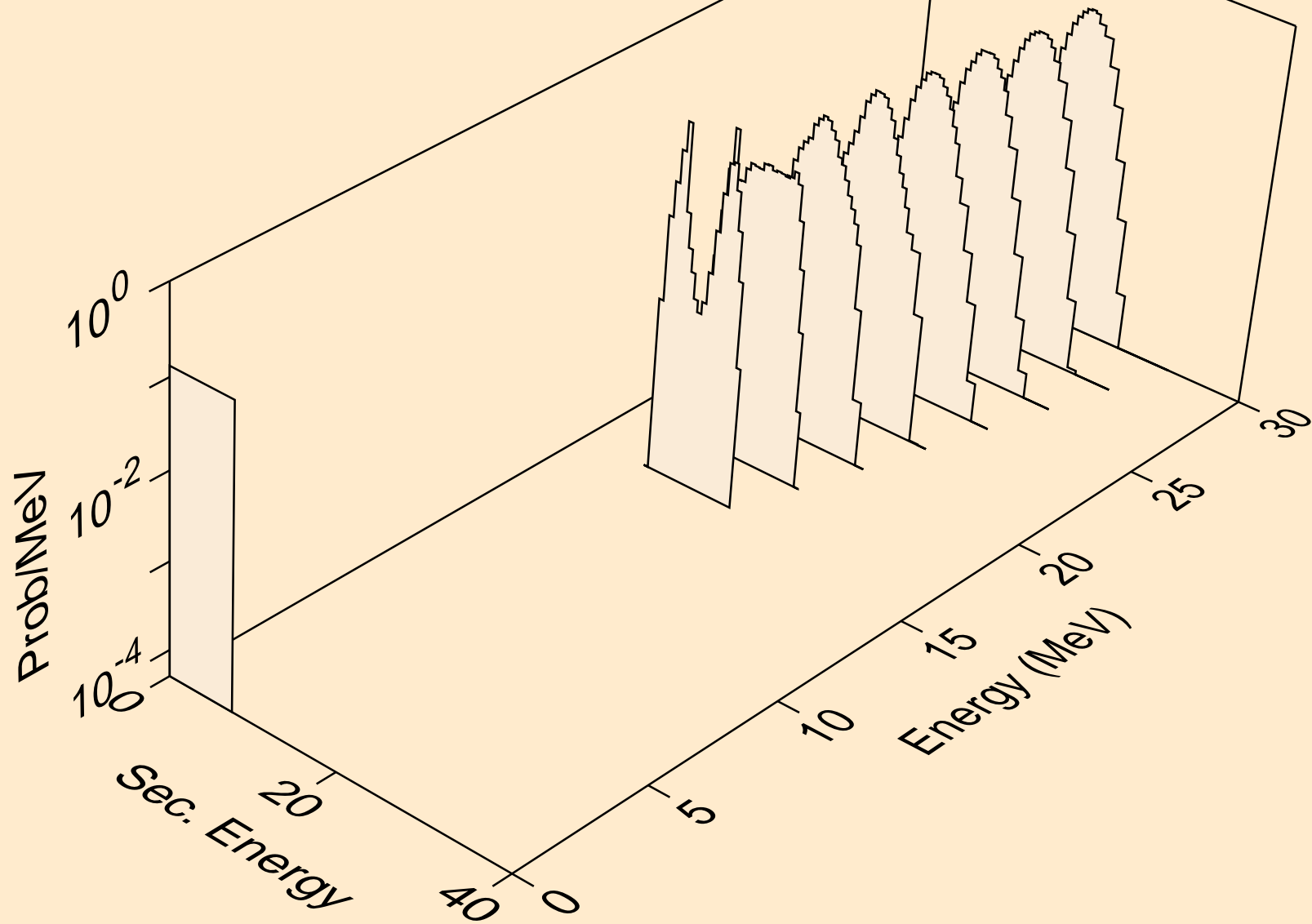
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



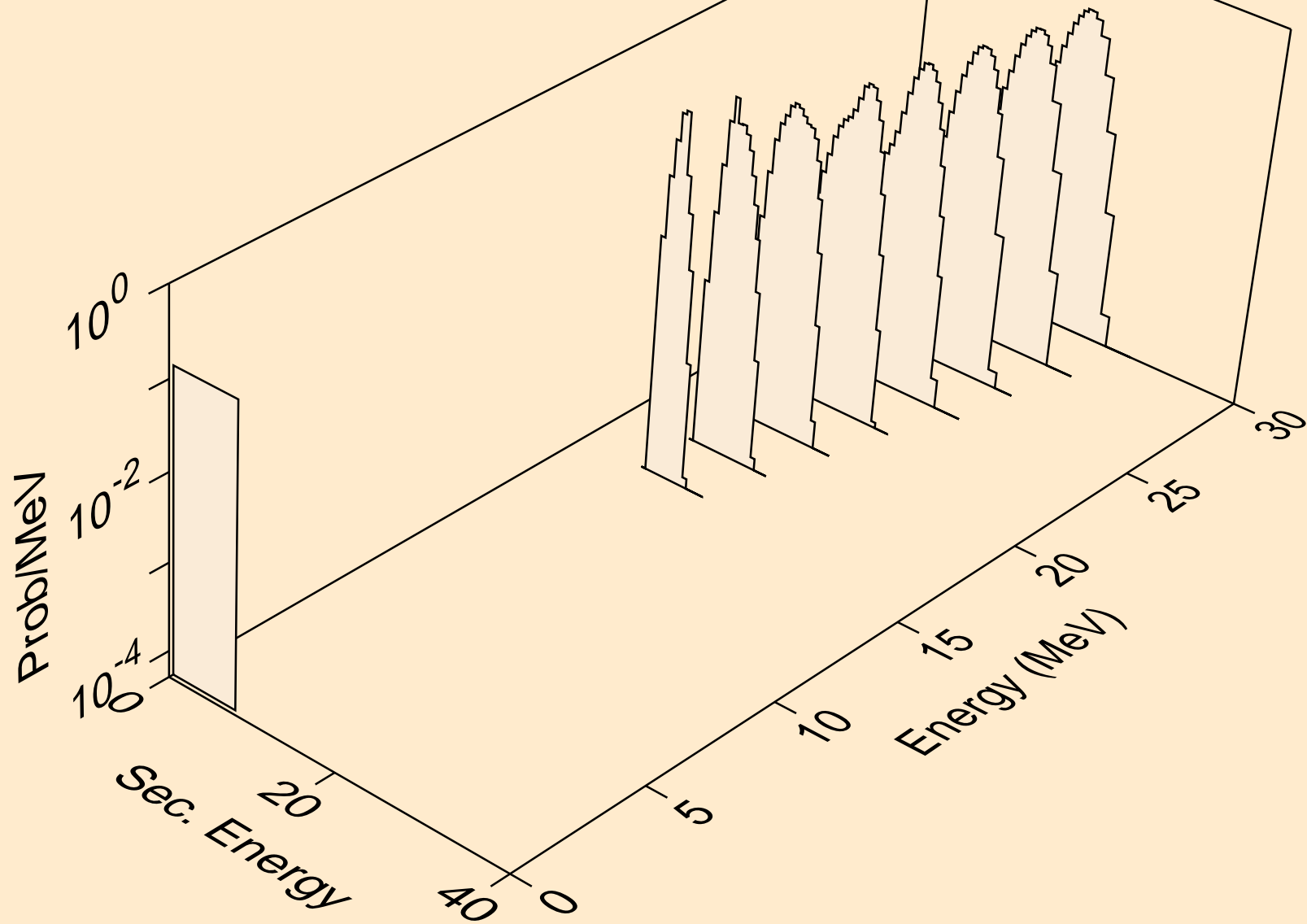
NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

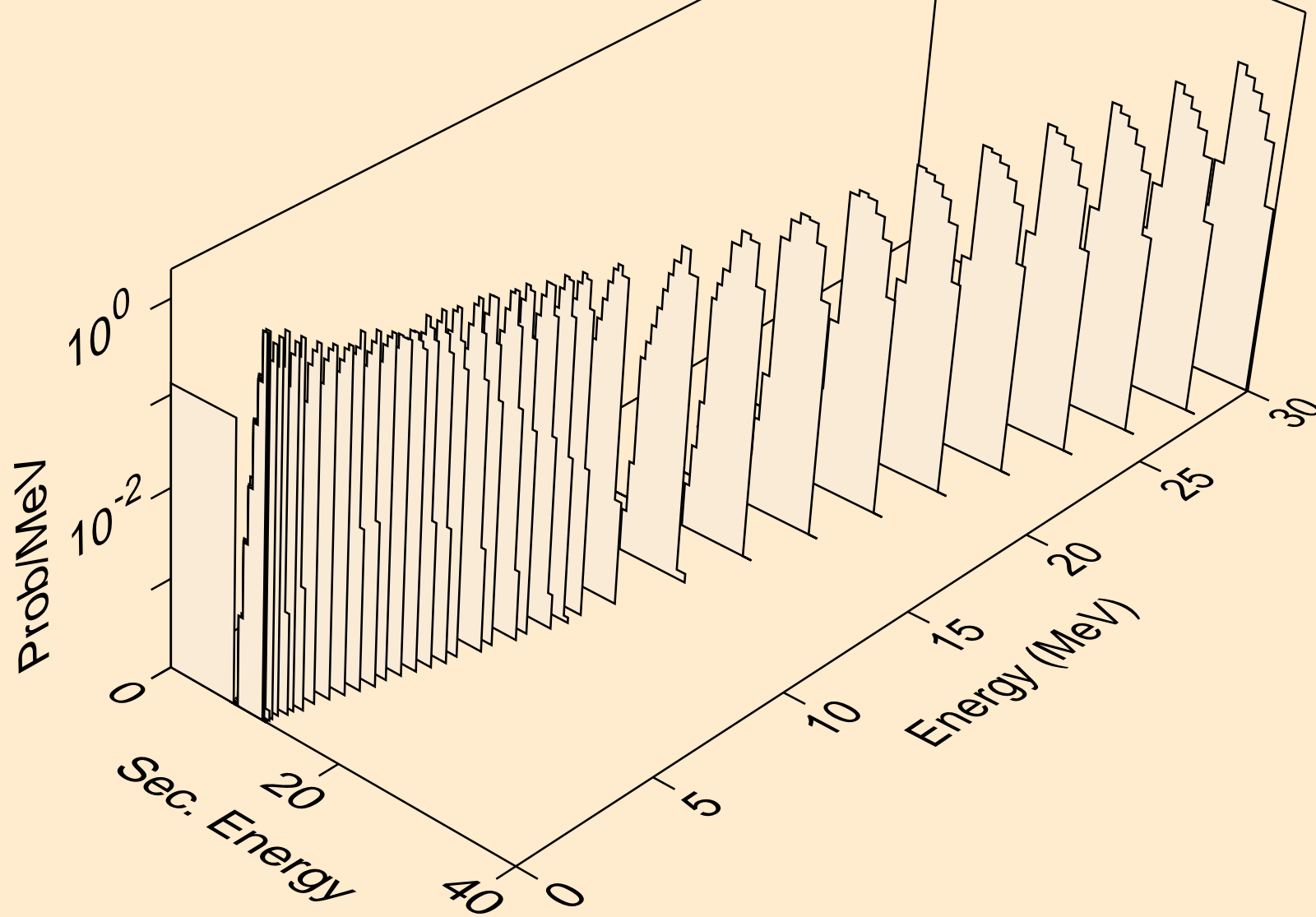


NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

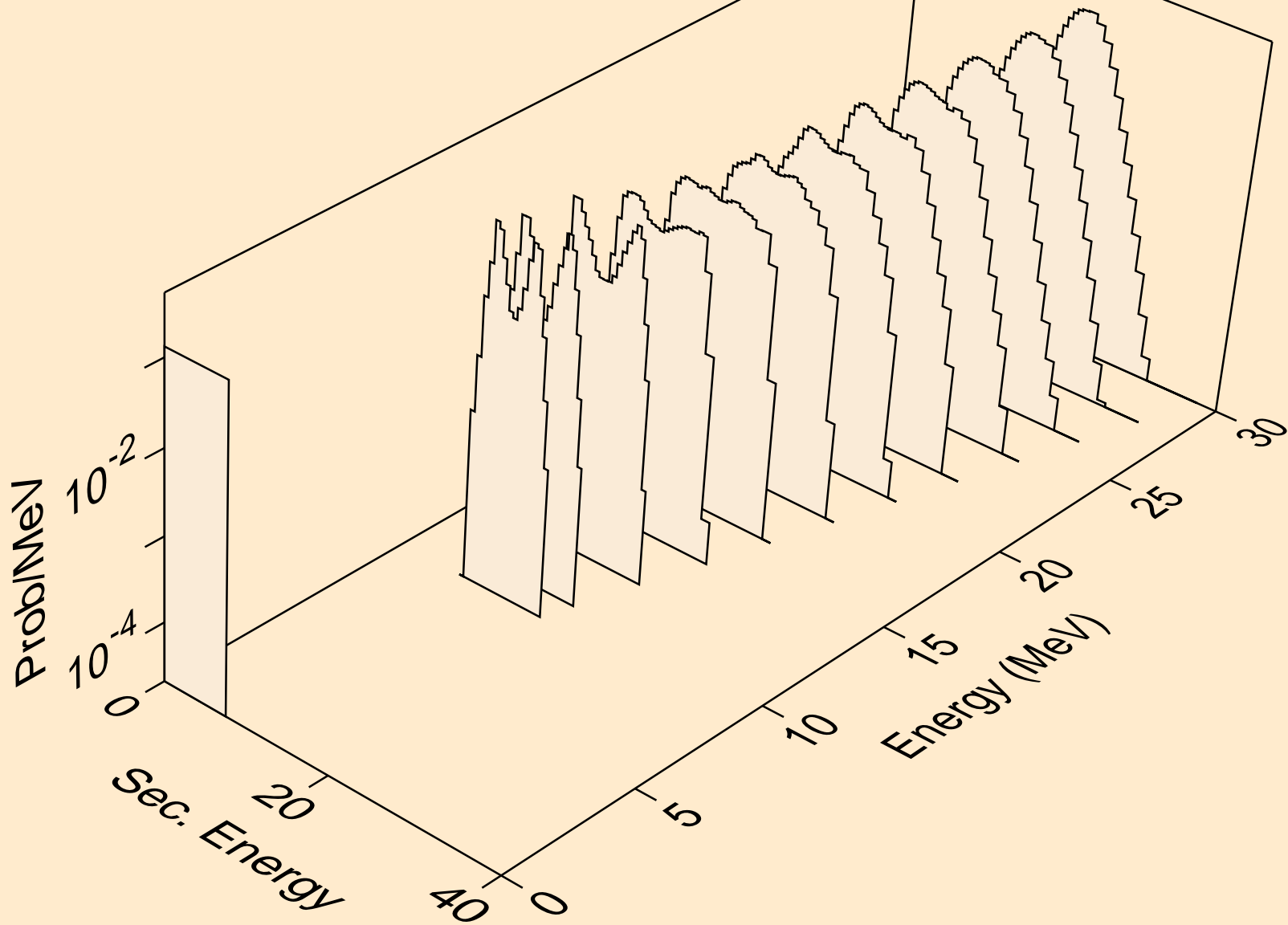




NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



NP236 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

