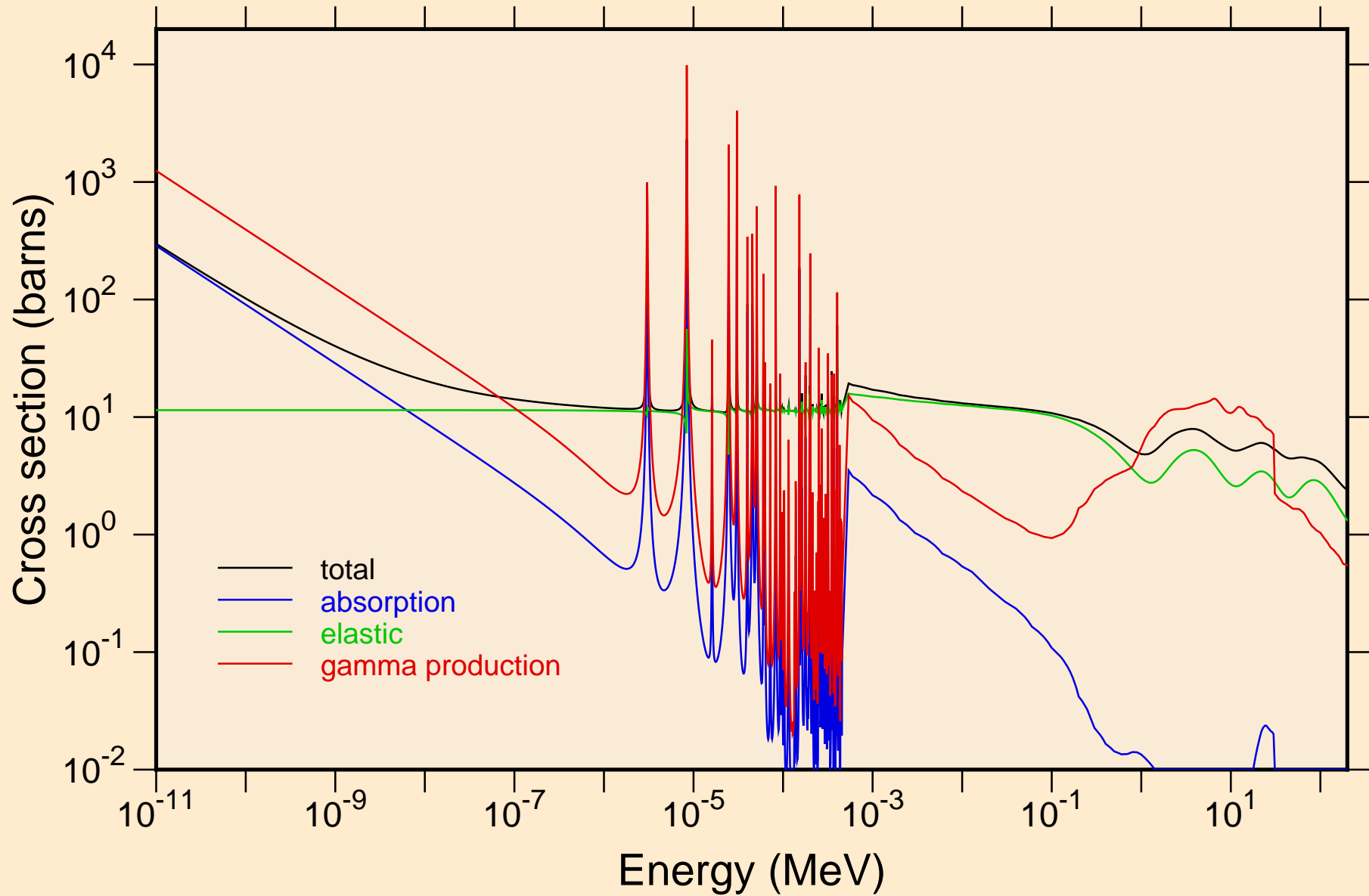
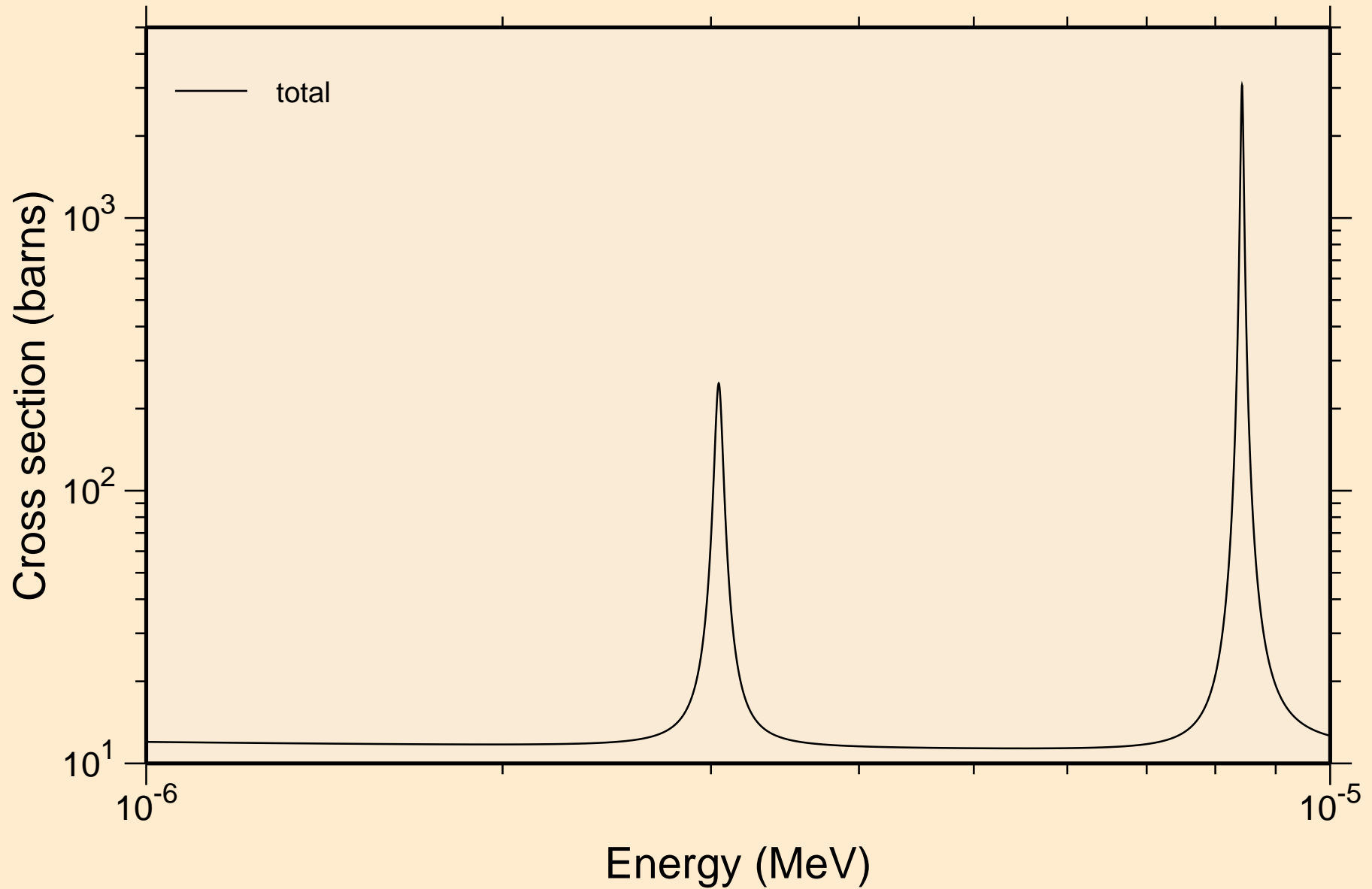


# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

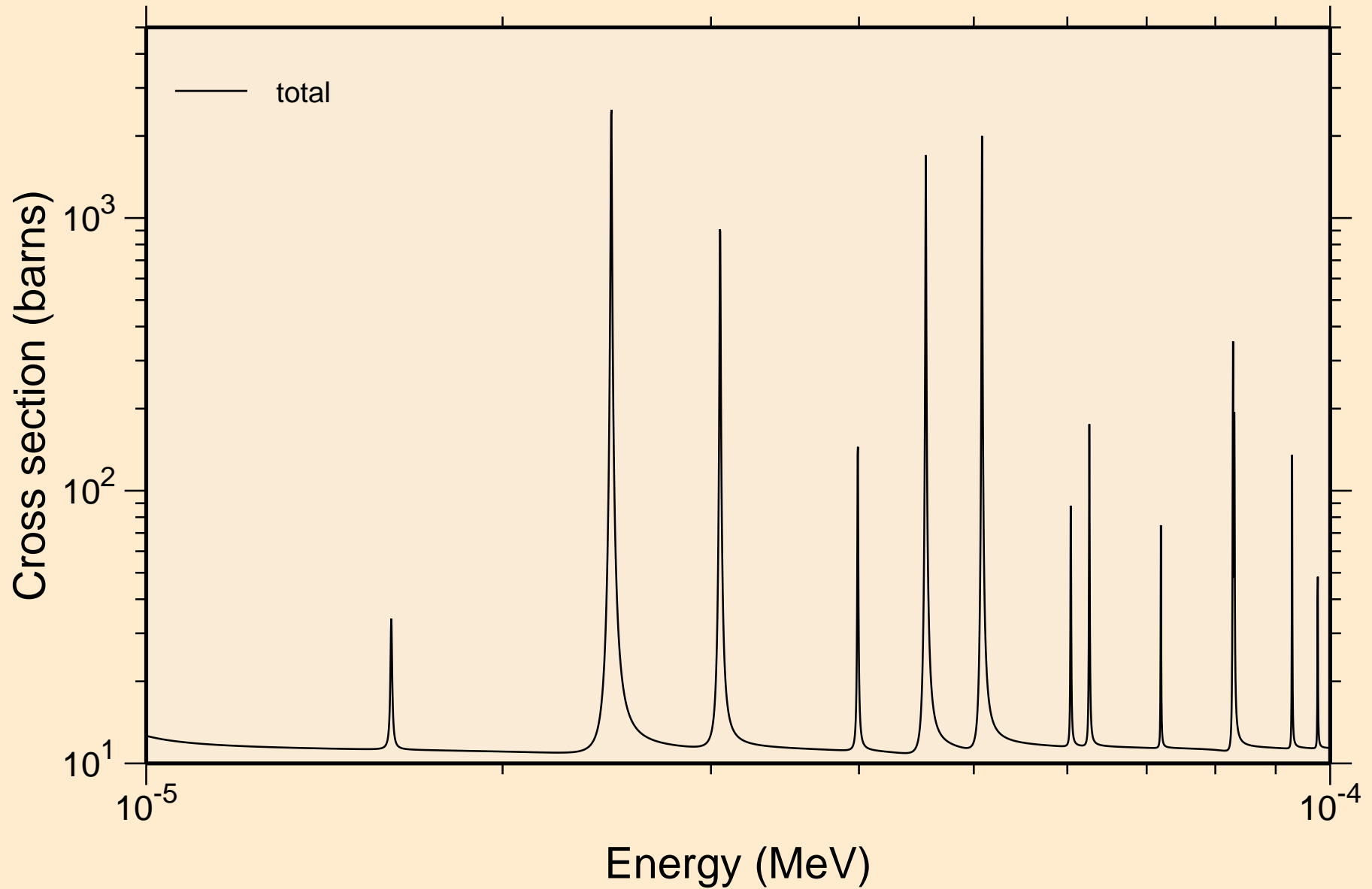
## Principal cross sections



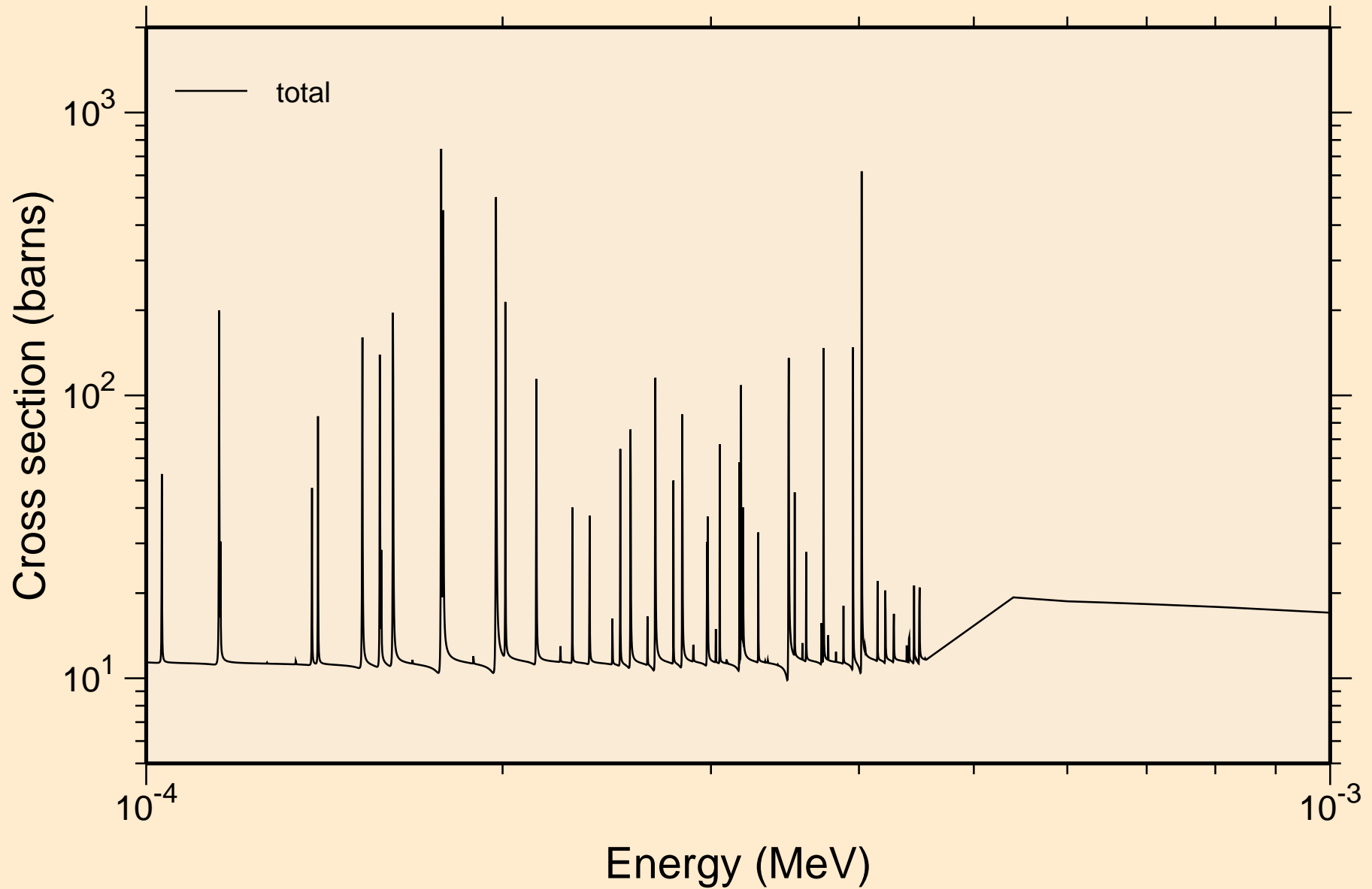
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



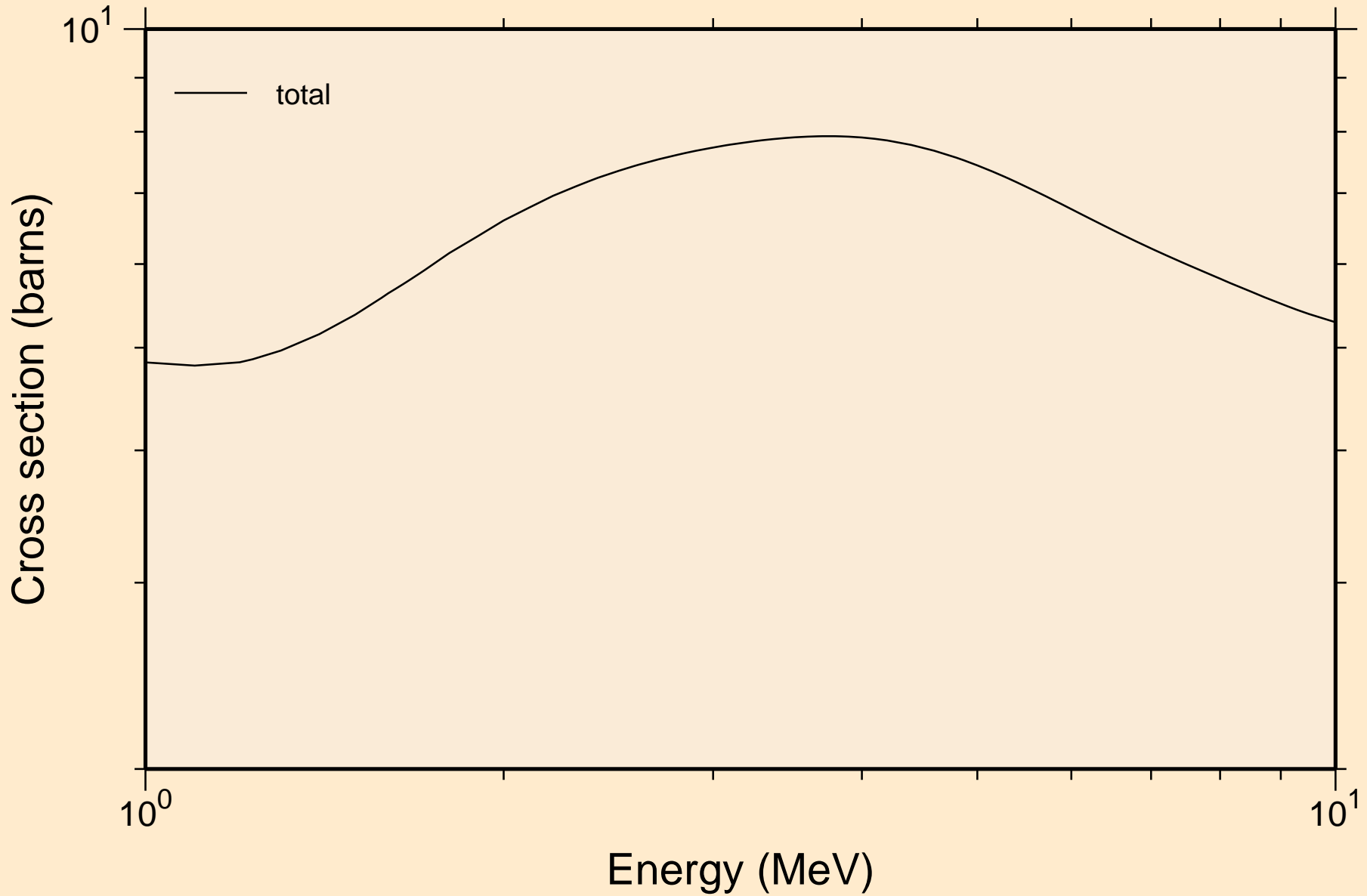
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



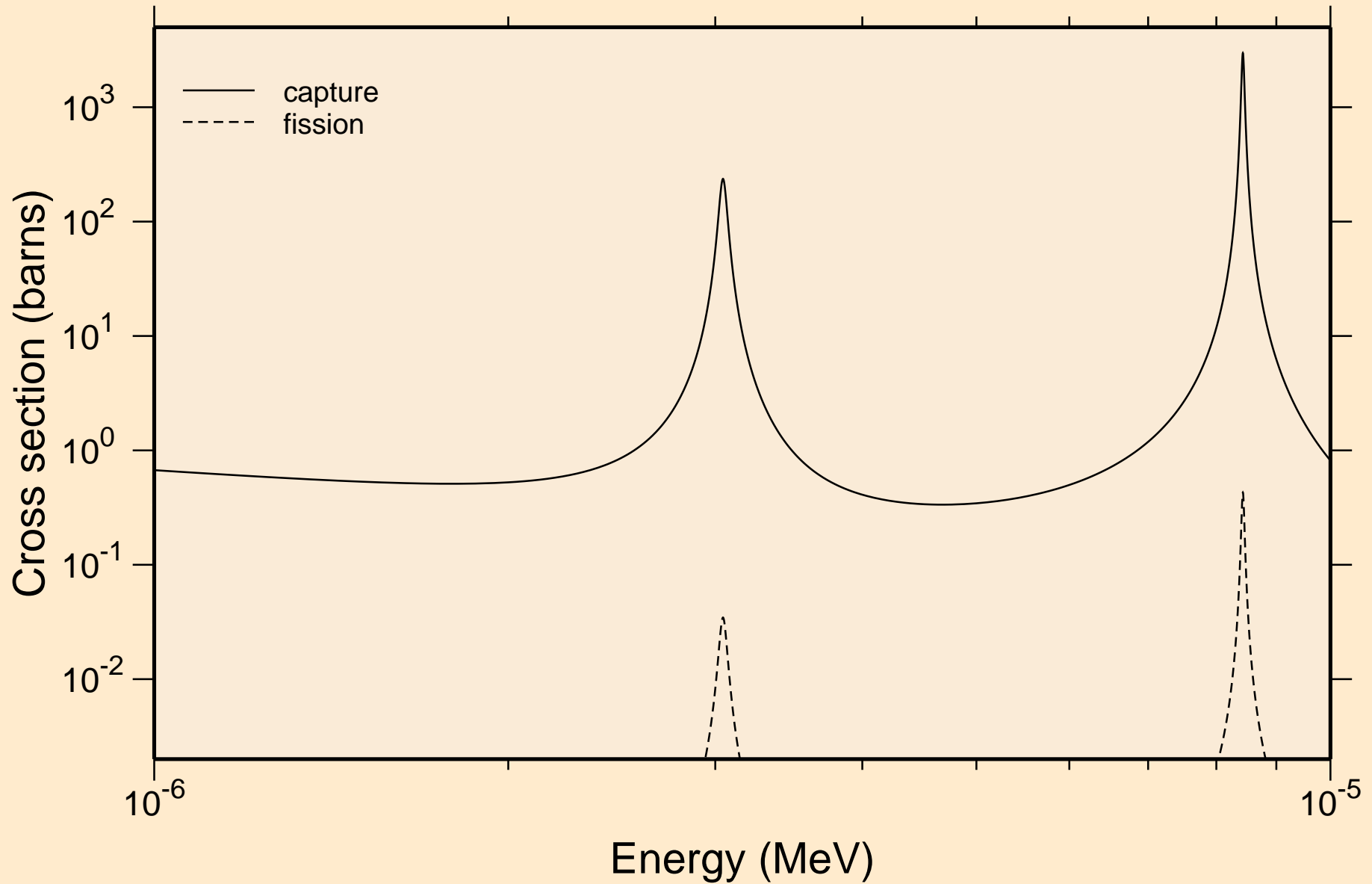
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



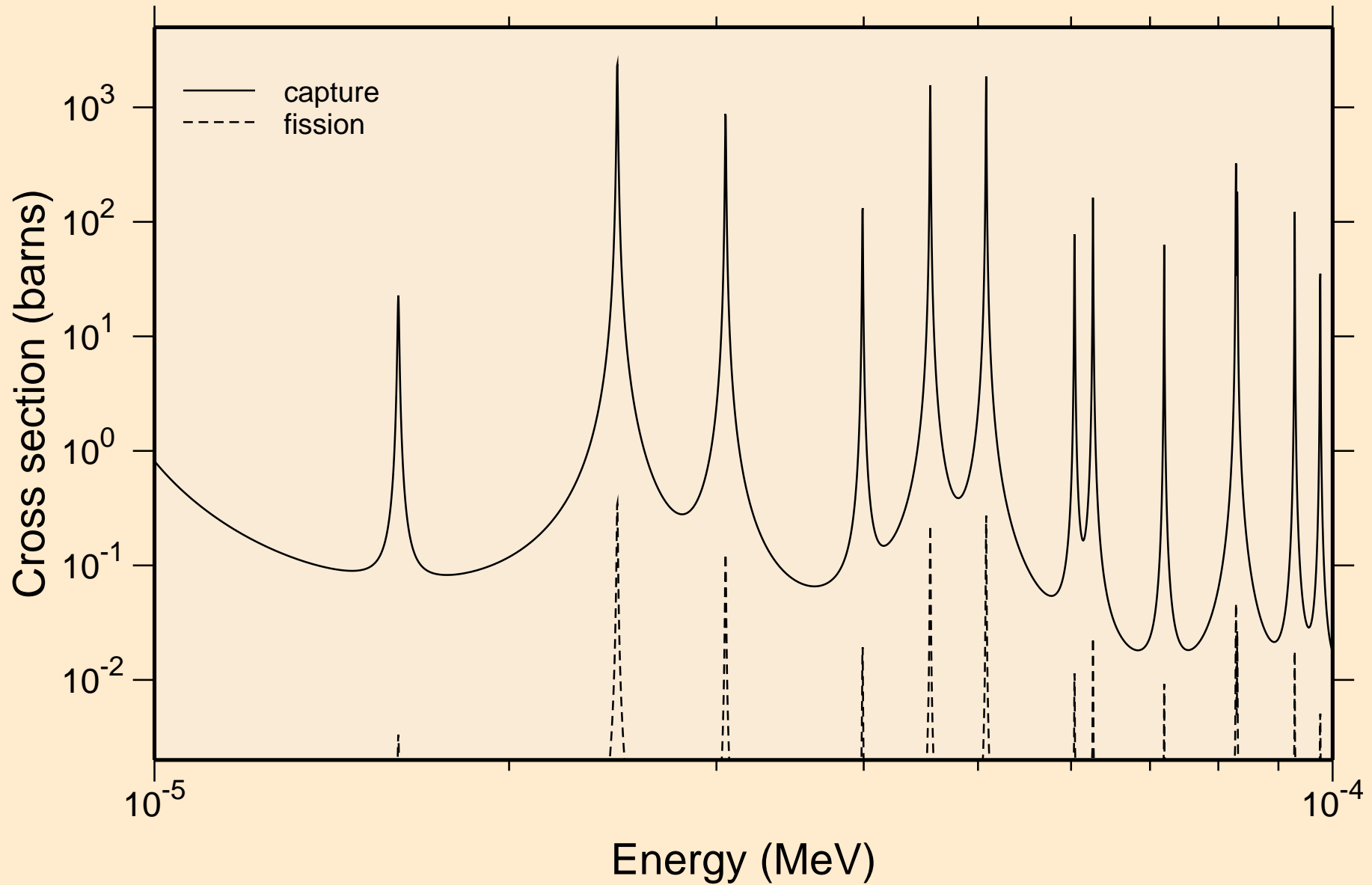
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



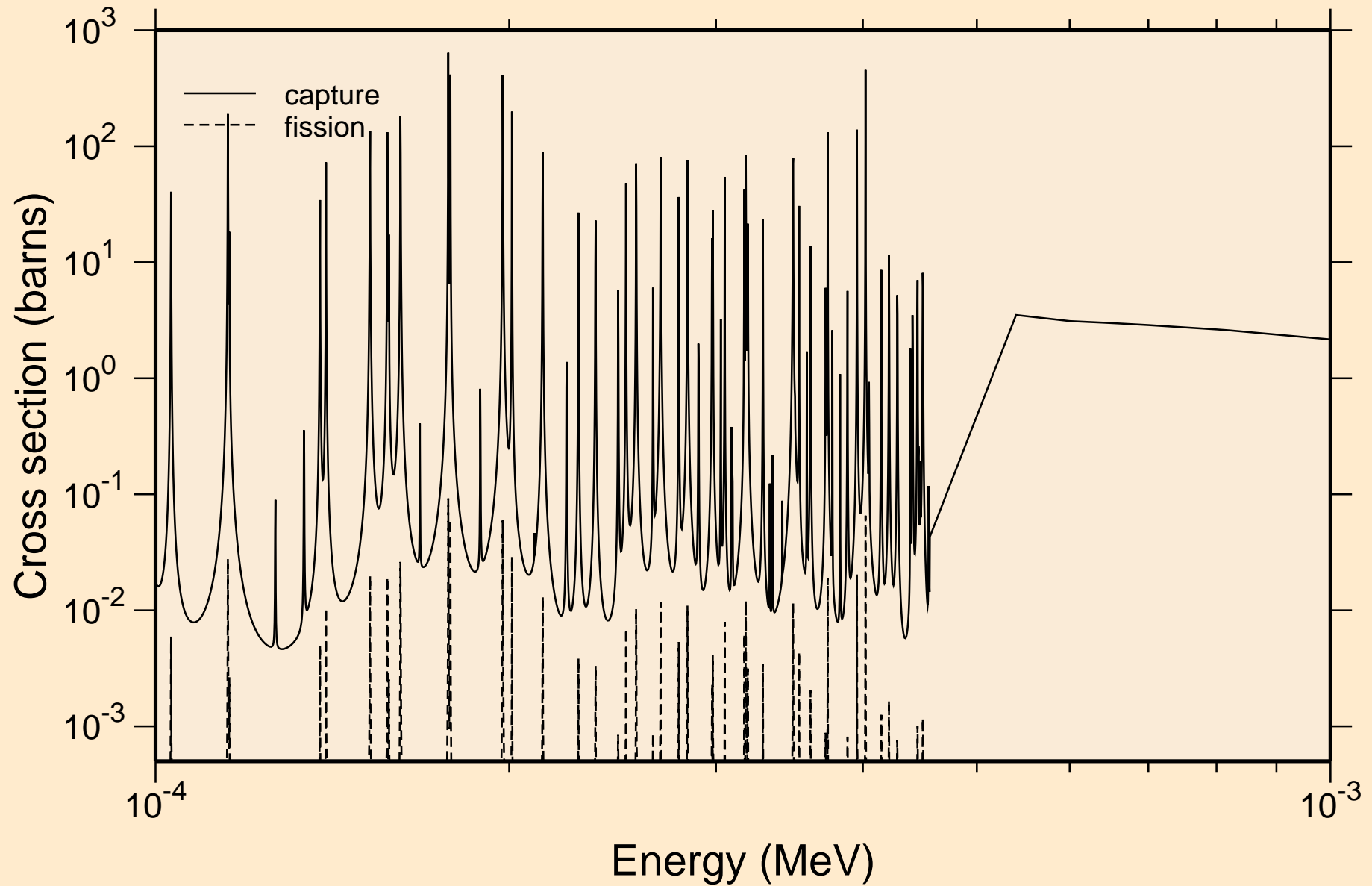
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



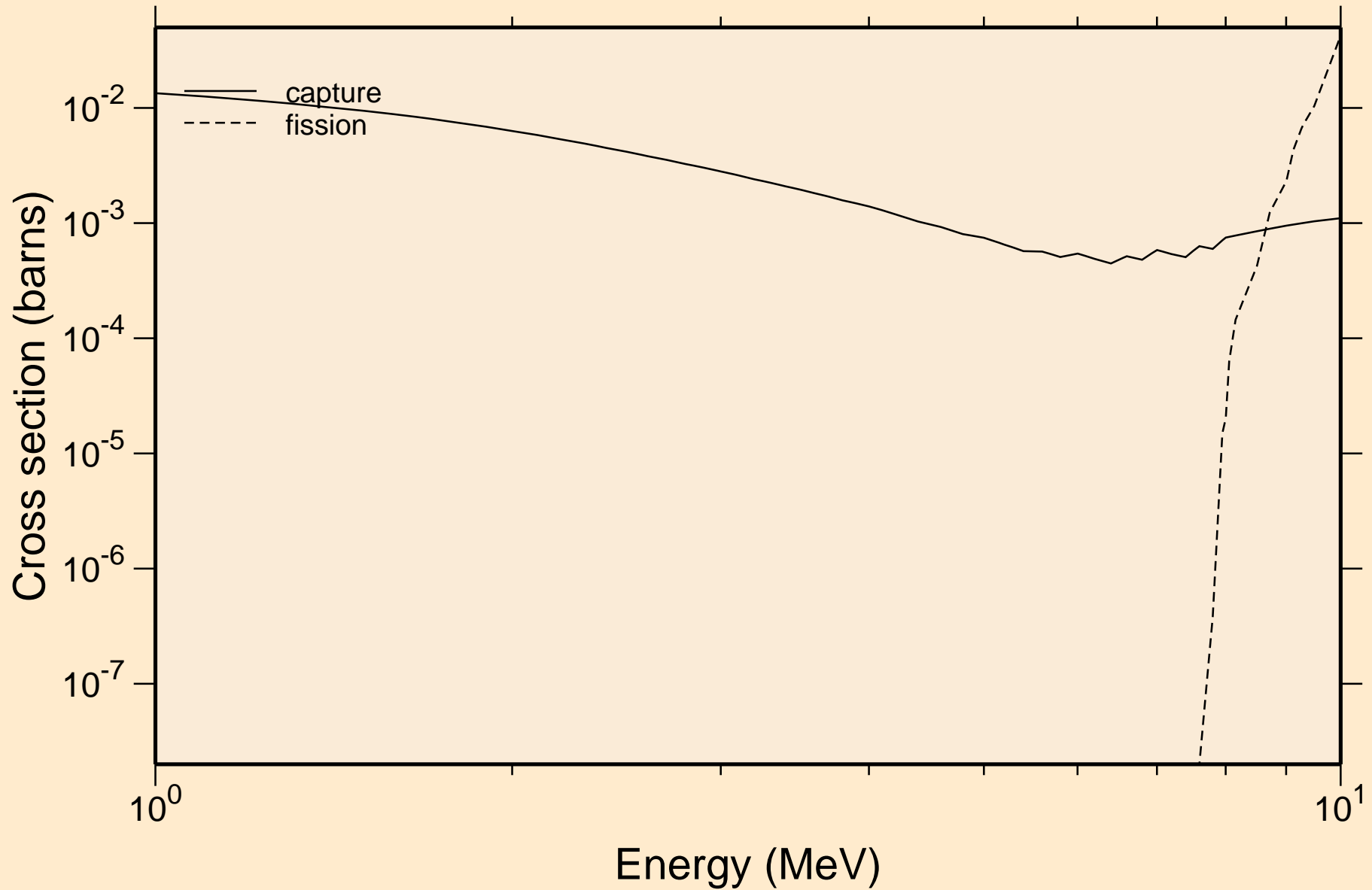
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

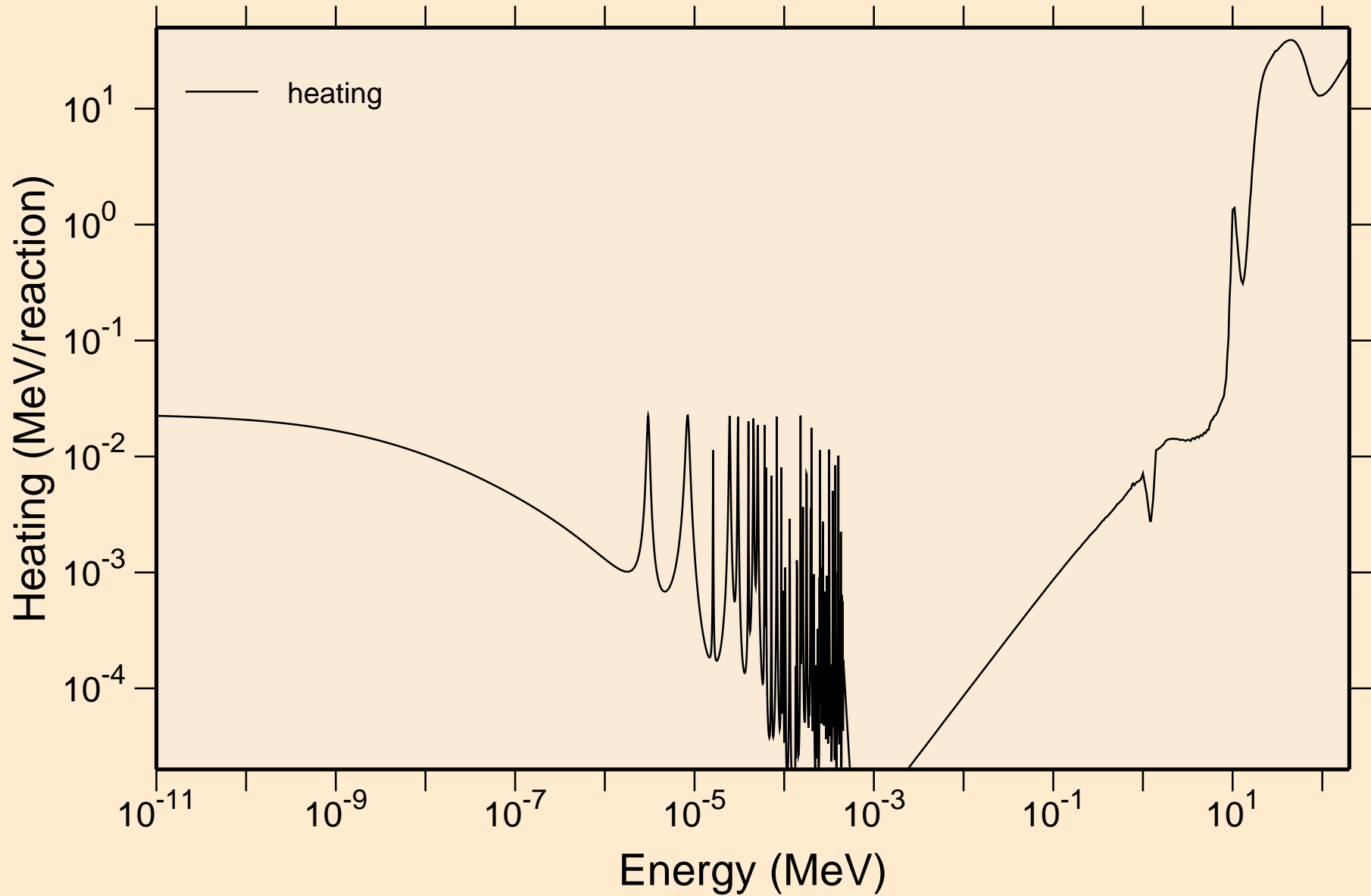


FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



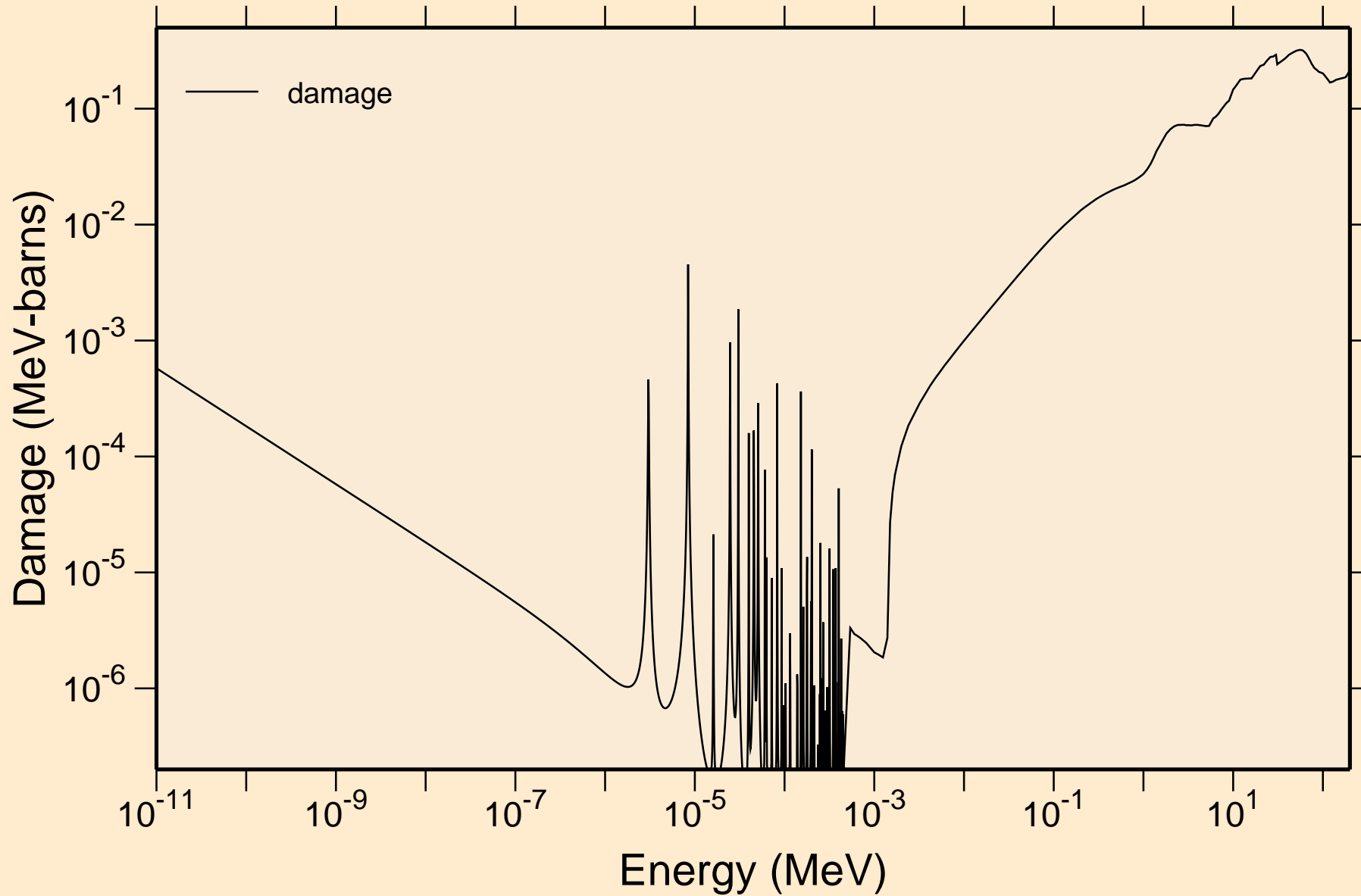
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



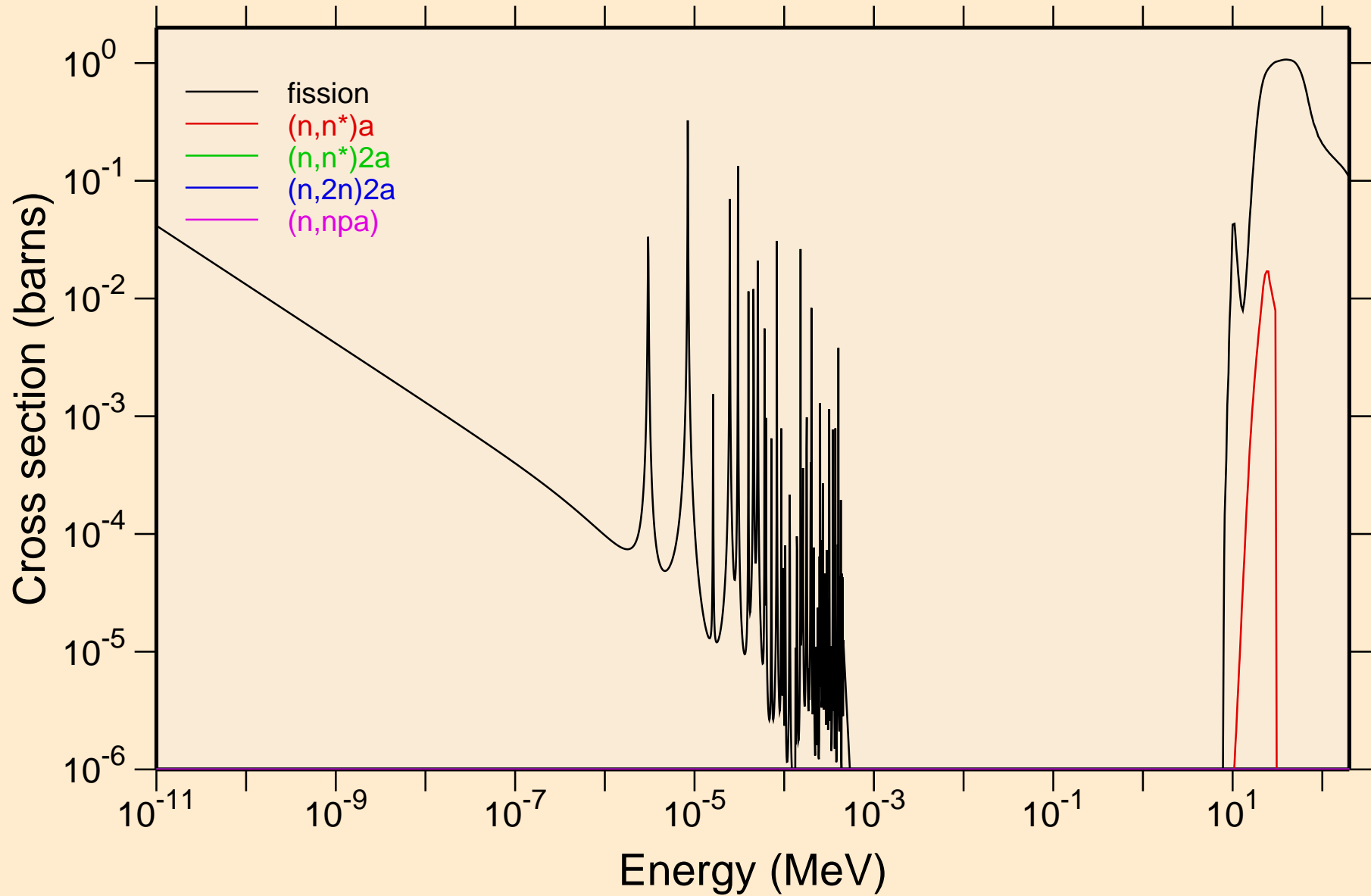
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

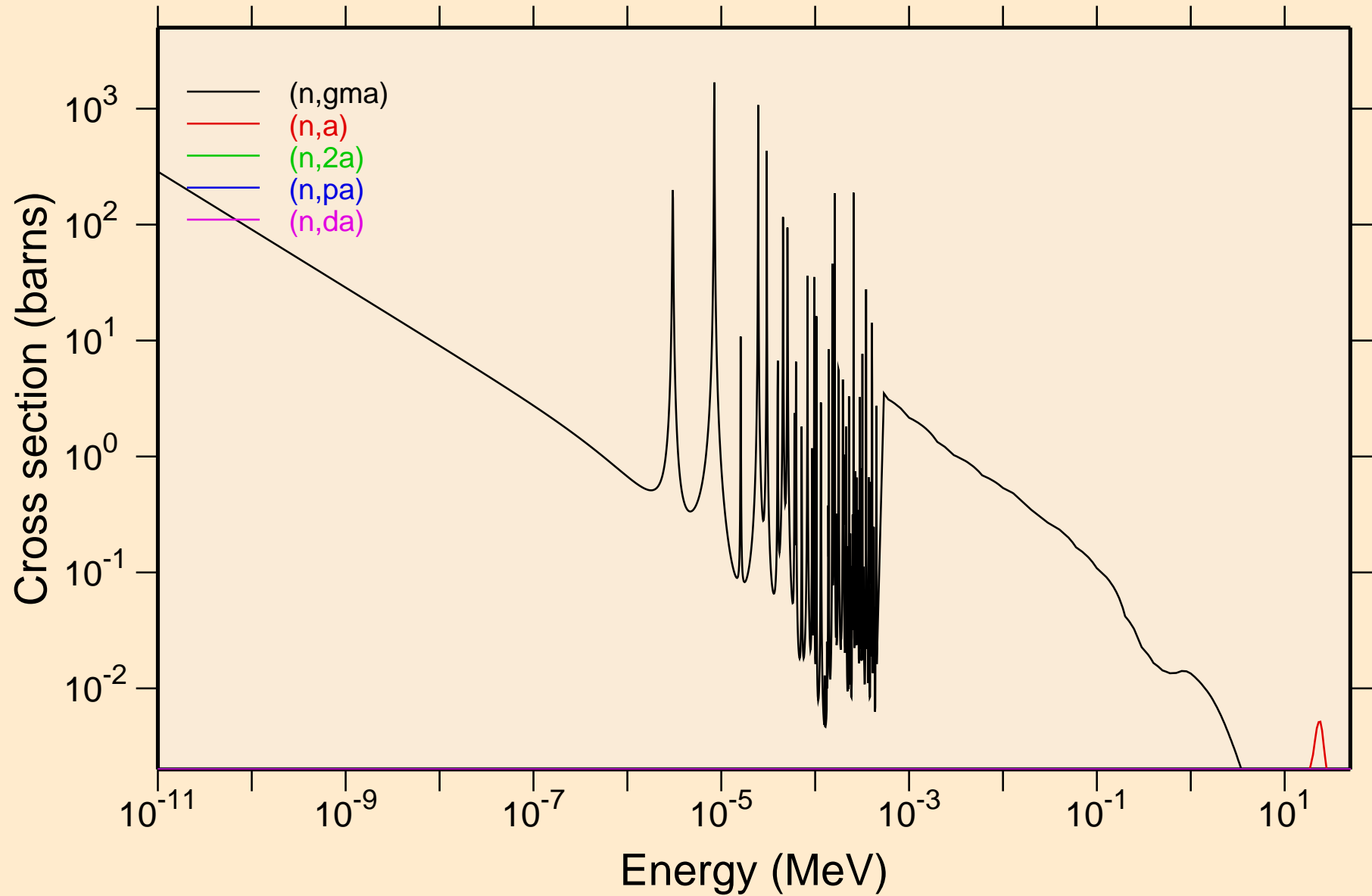


# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

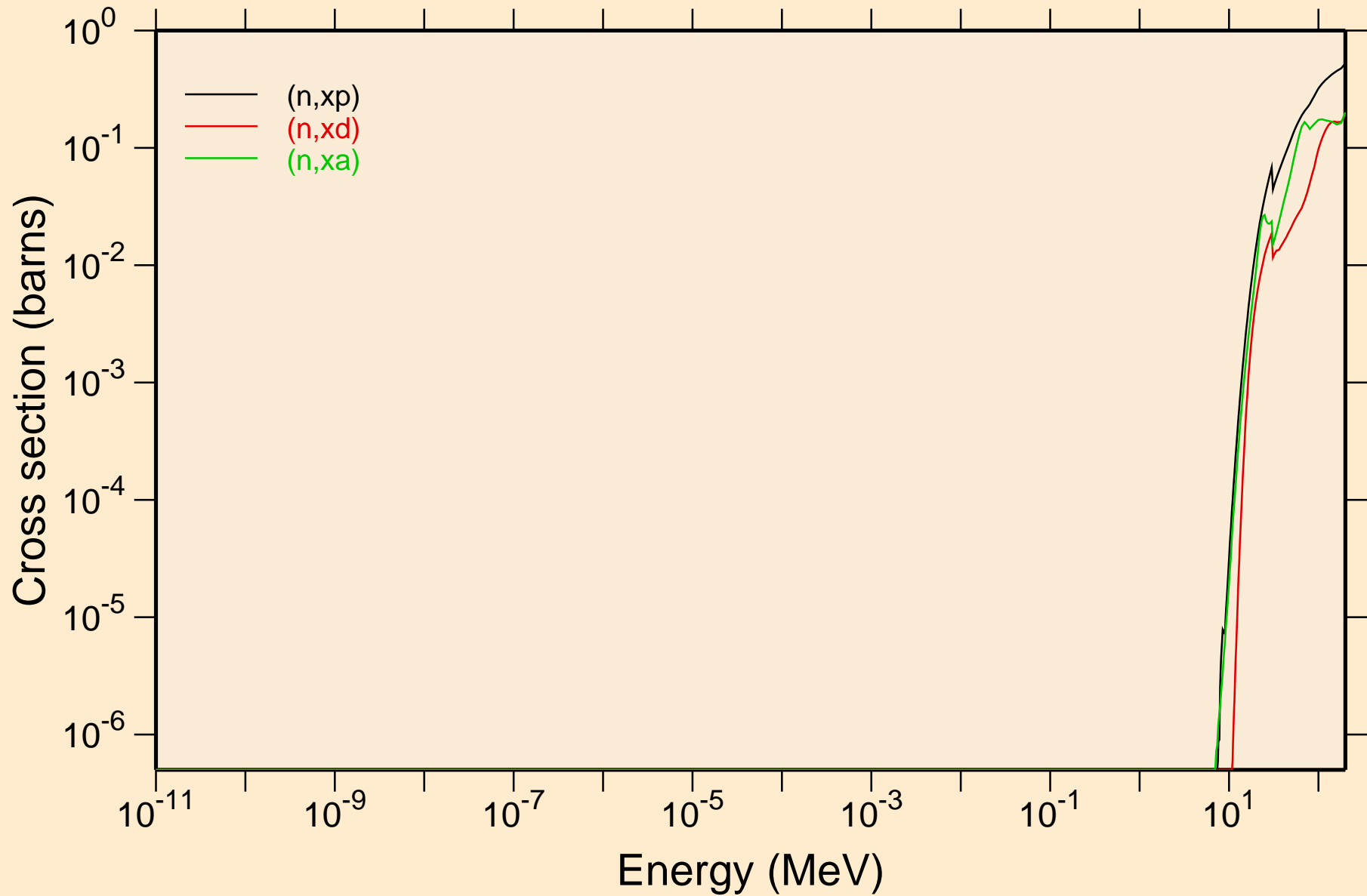
## Non-threshold reactions



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

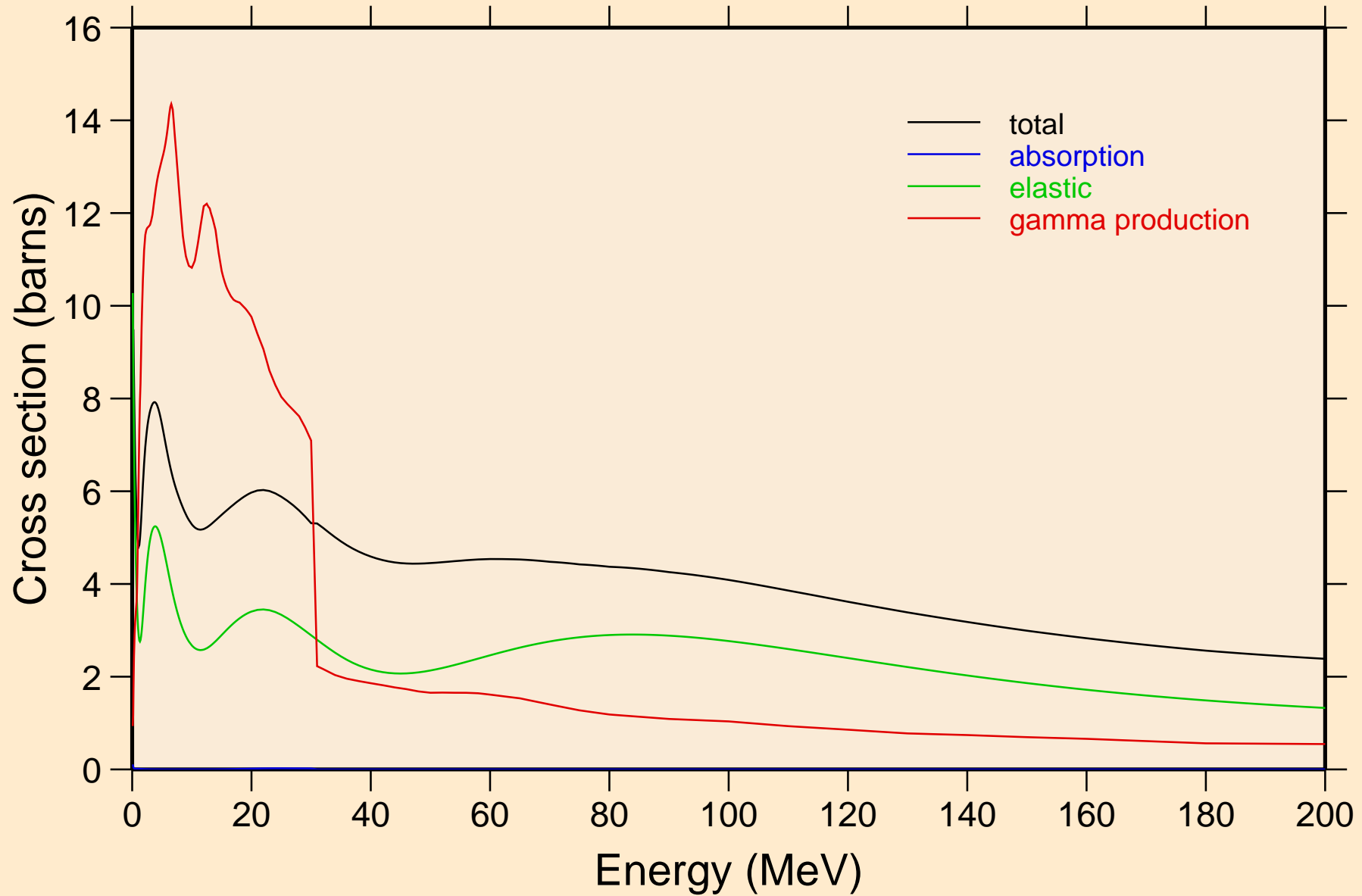


FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



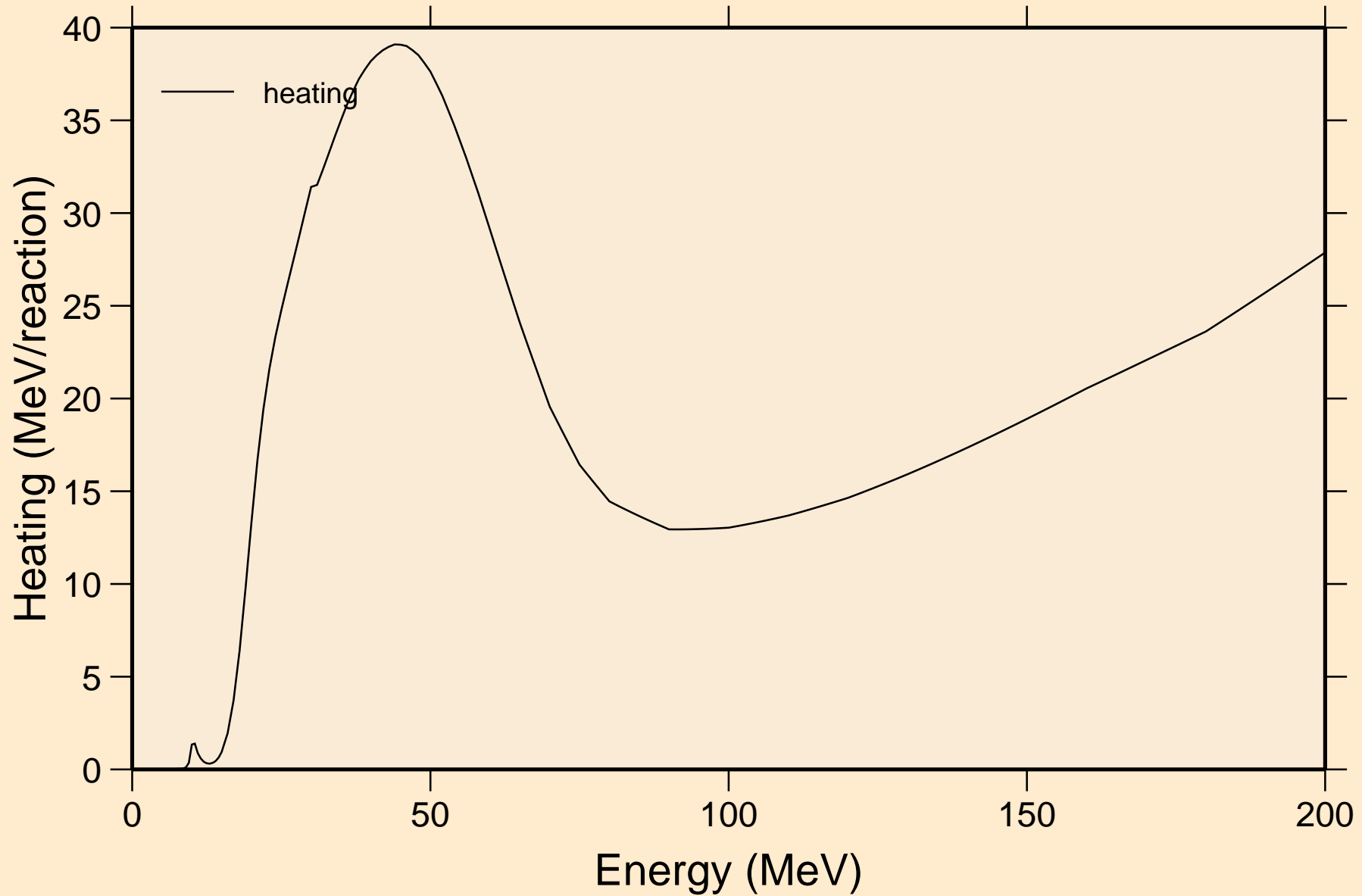
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



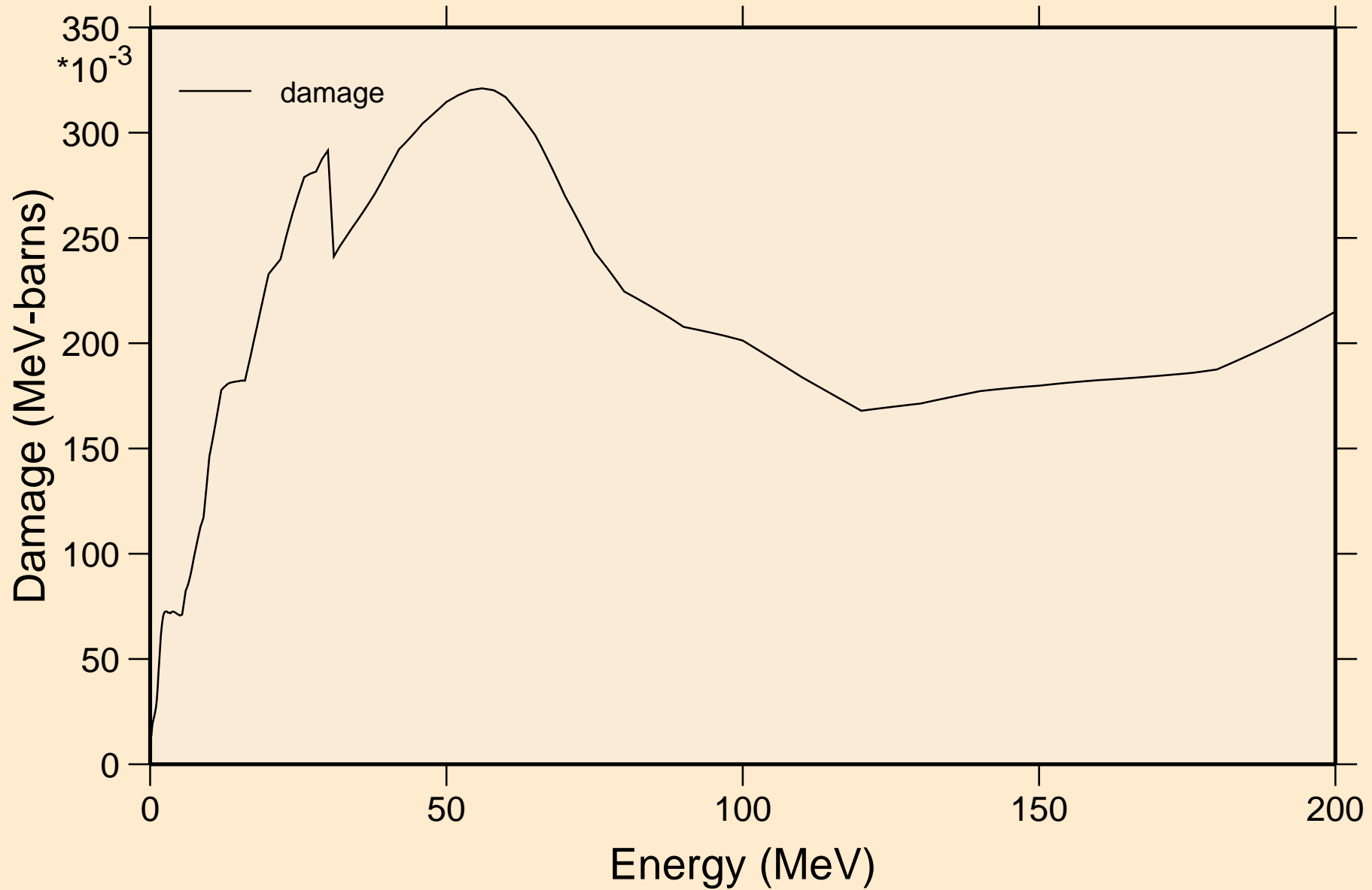
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



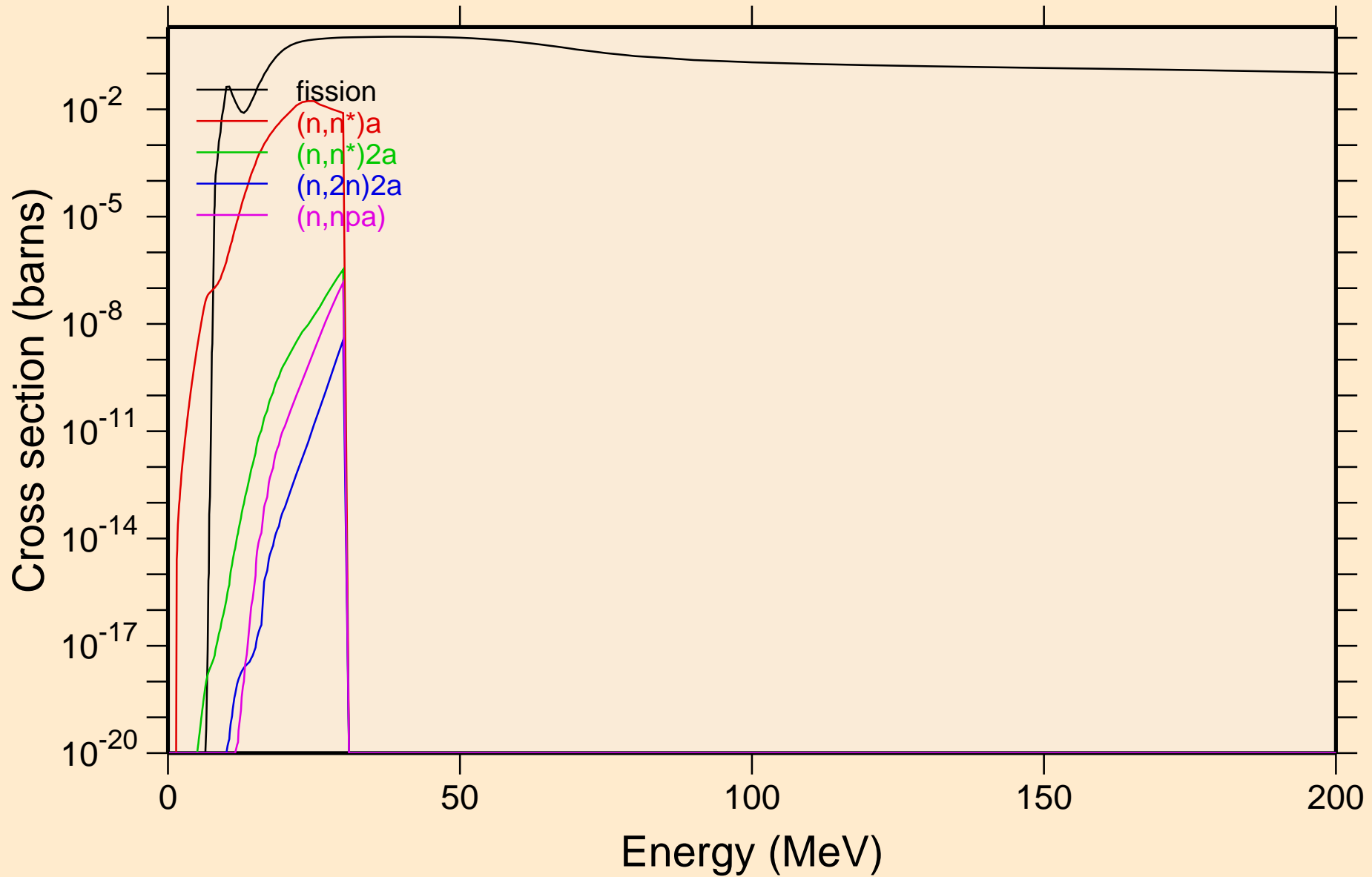
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



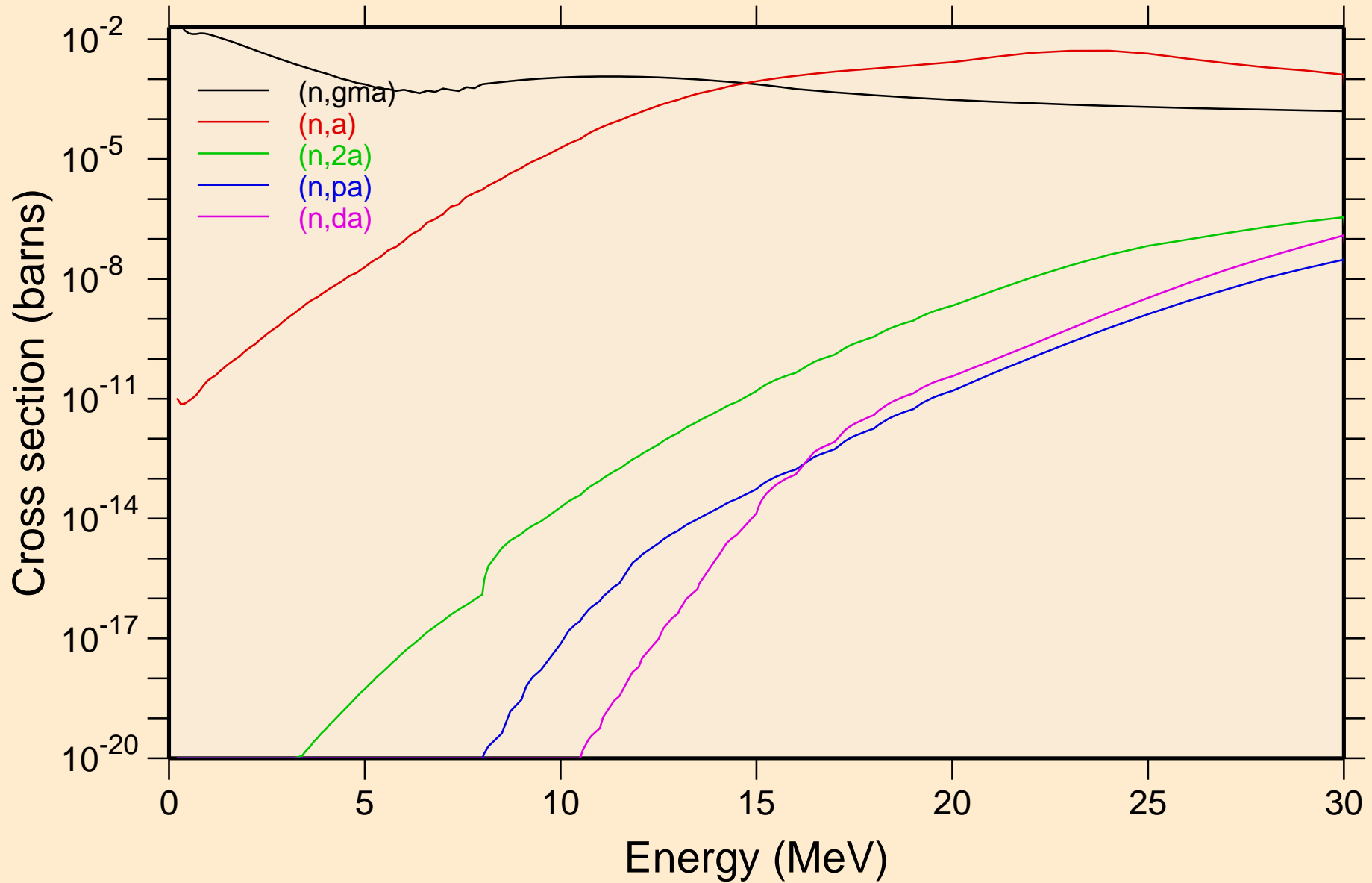
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

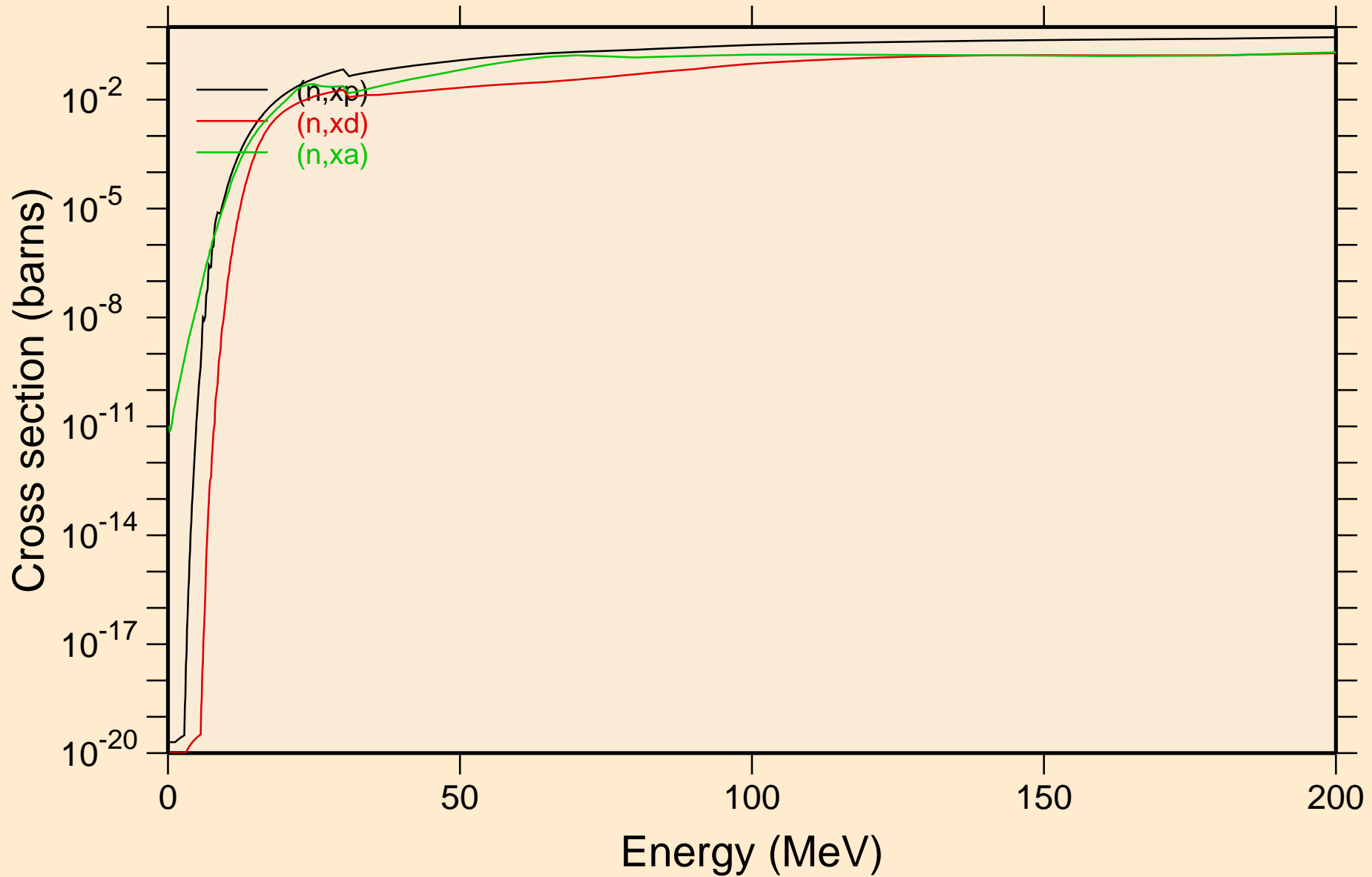


# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

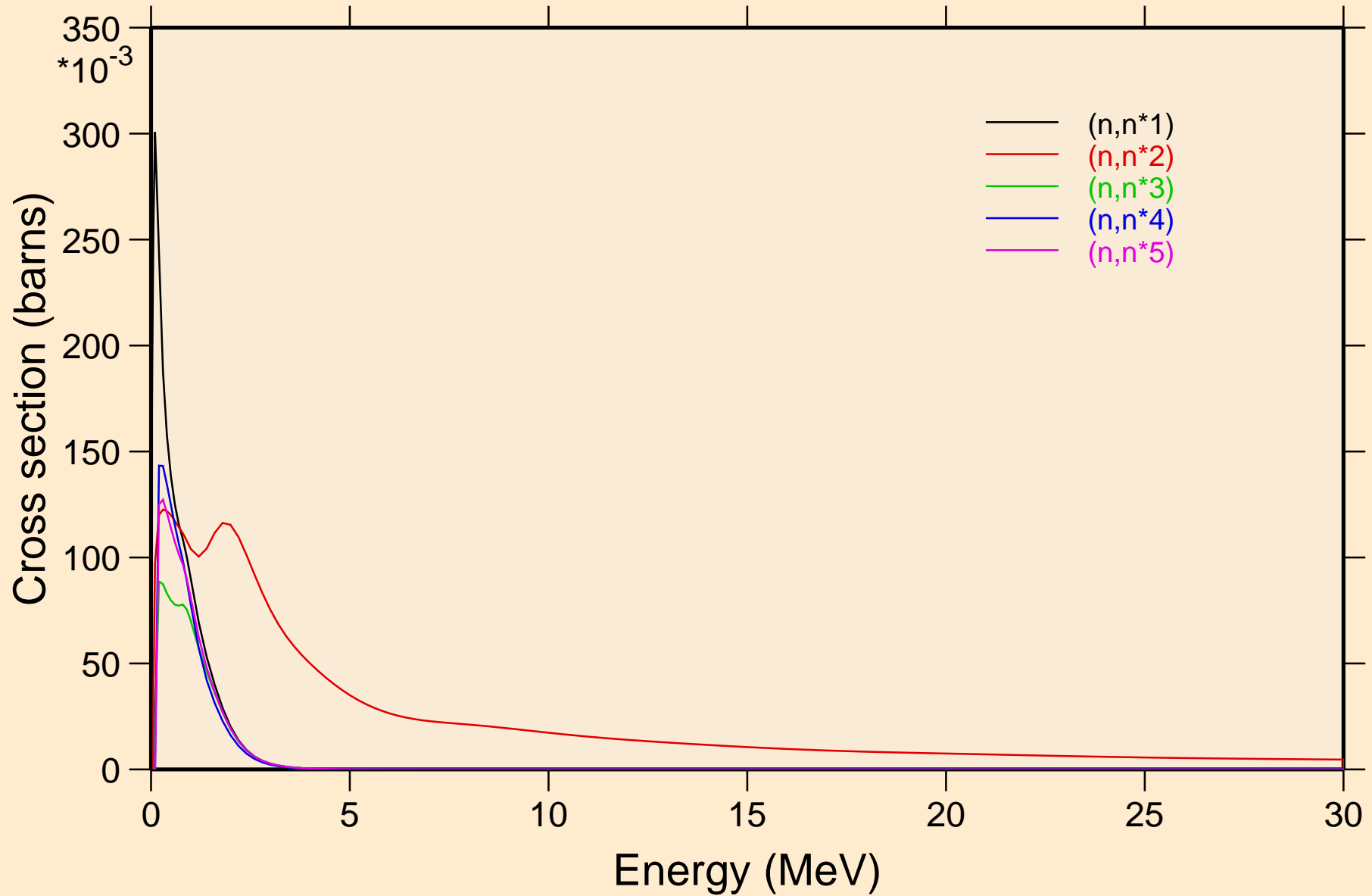
## Non-threshold reactions



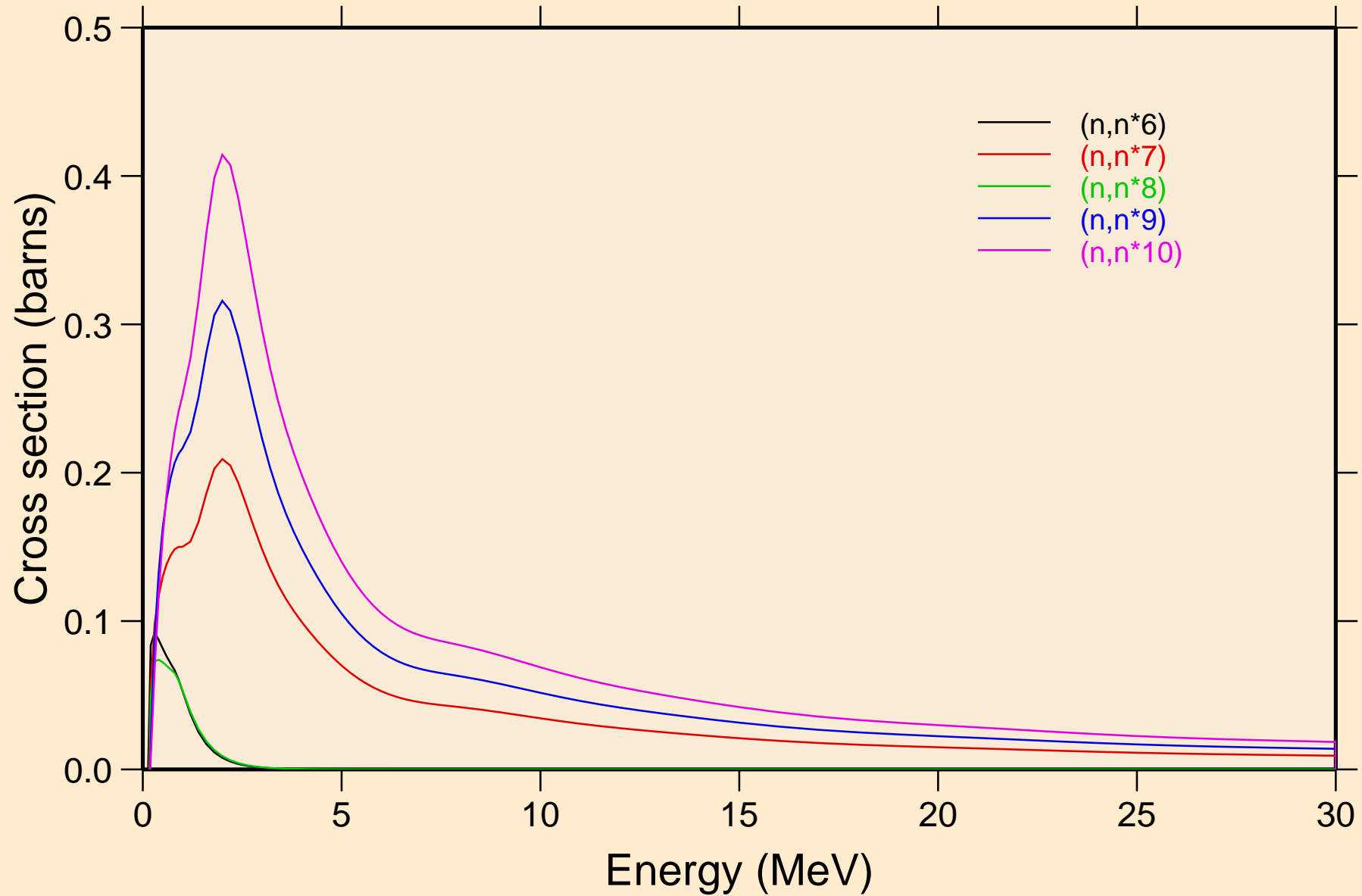
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



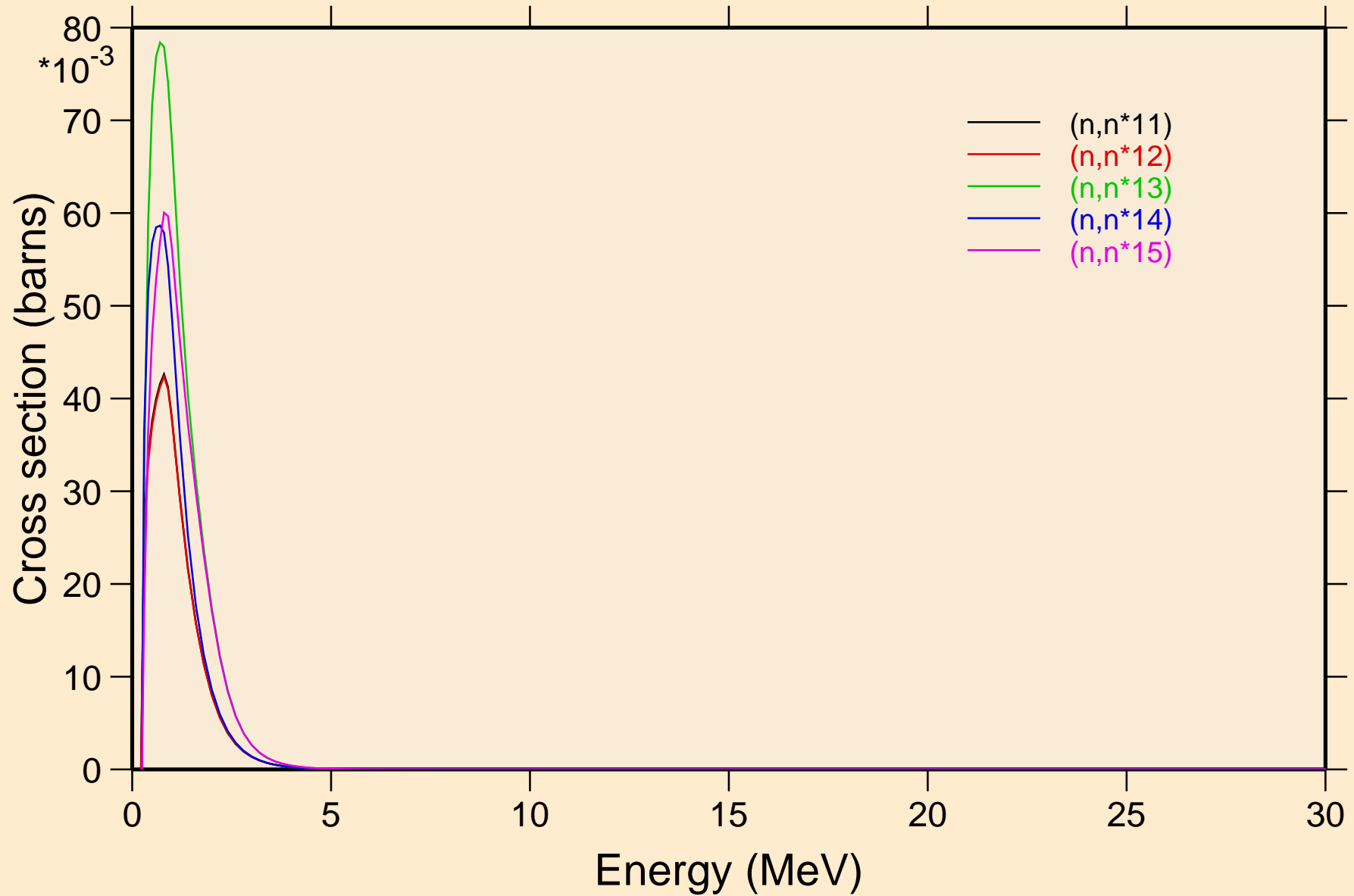
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



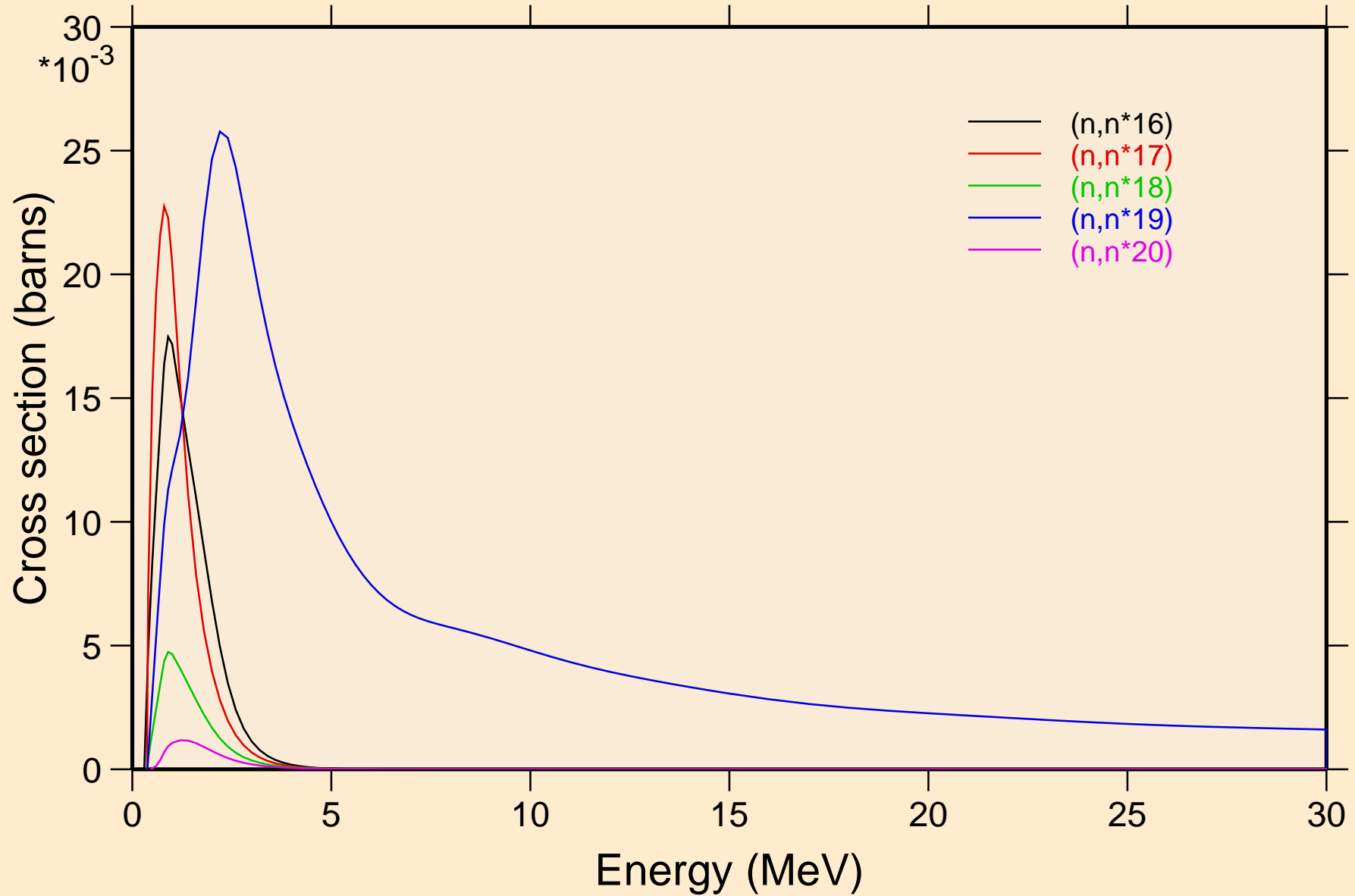
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



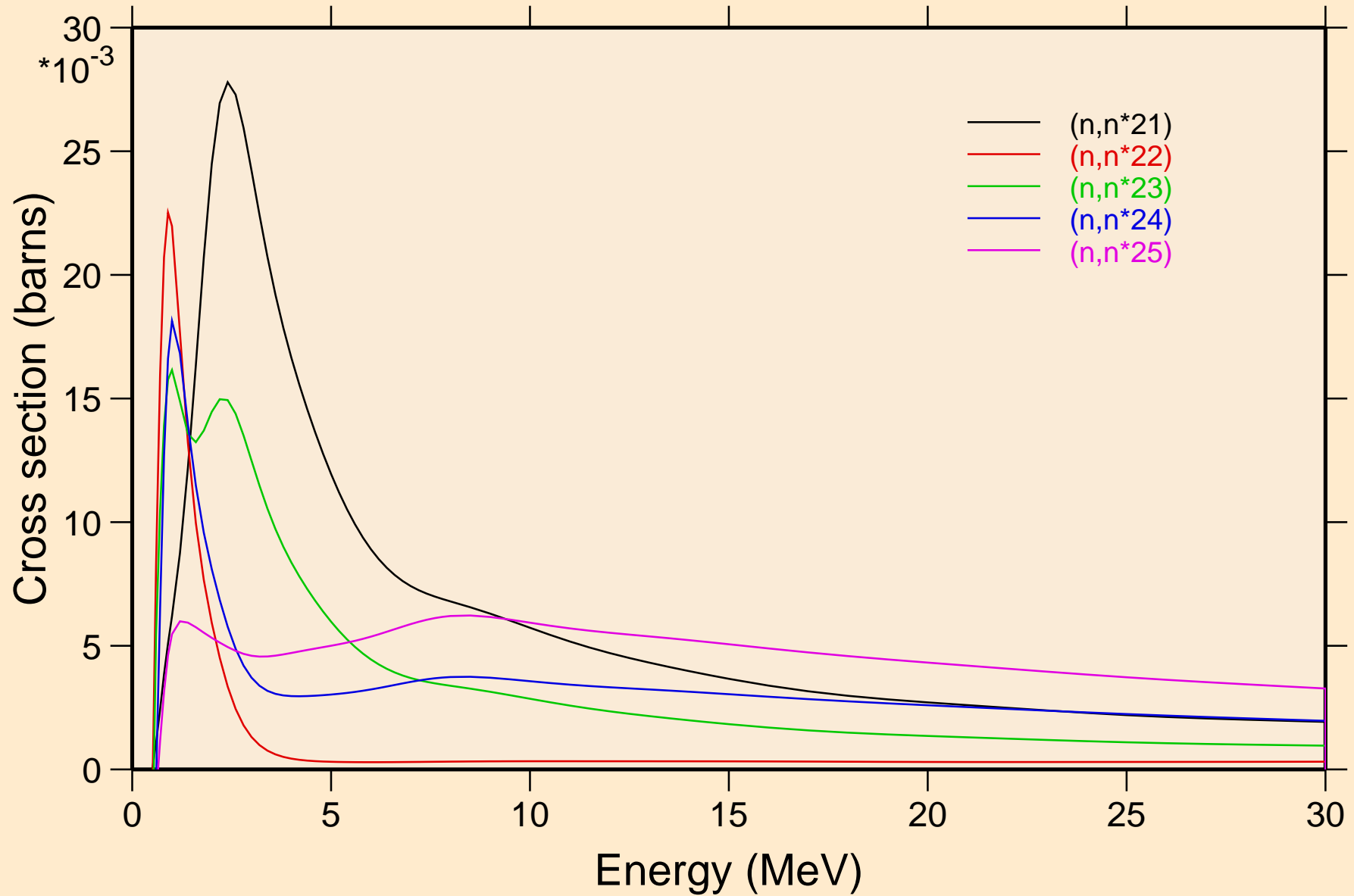
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



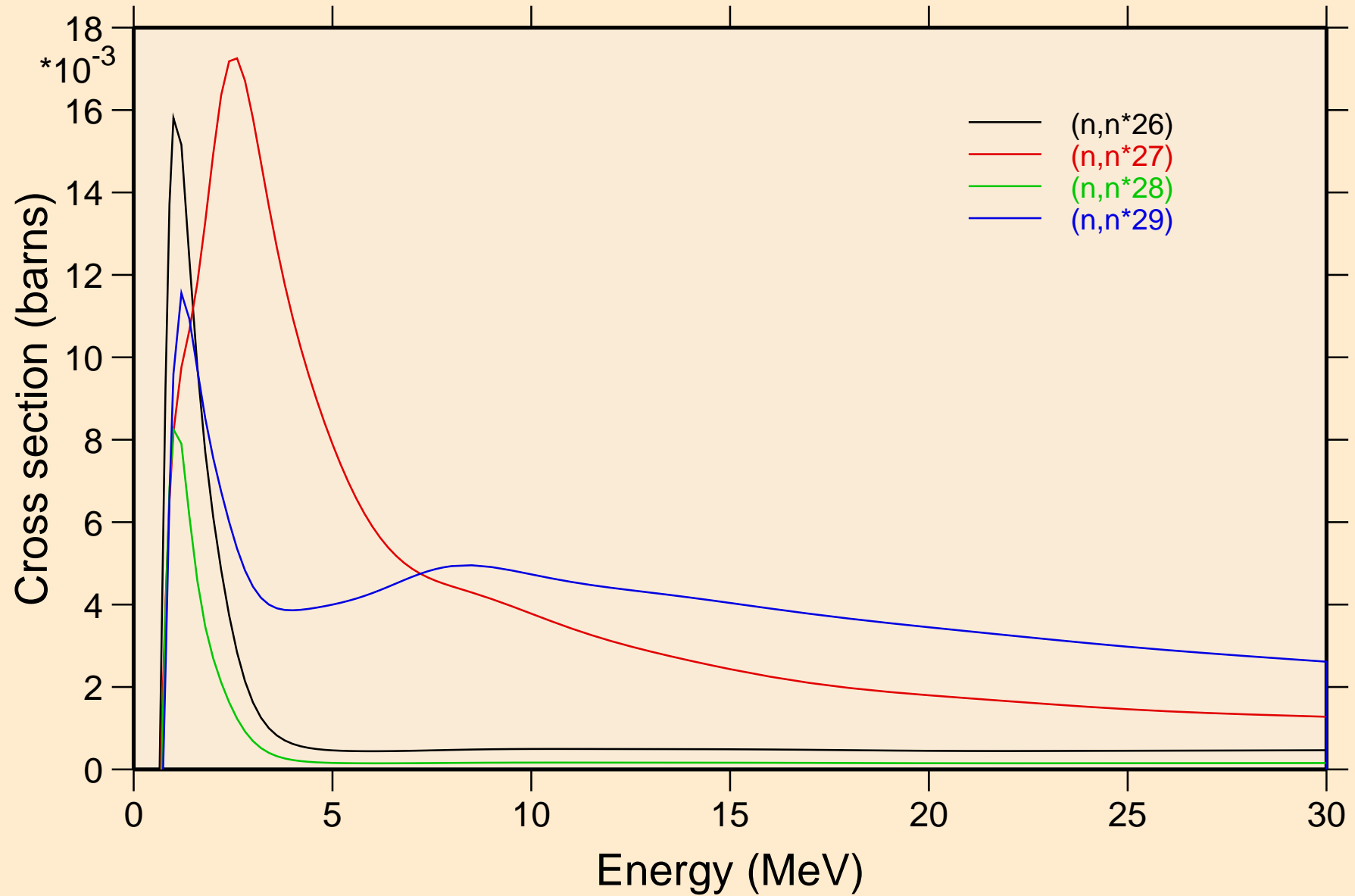
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

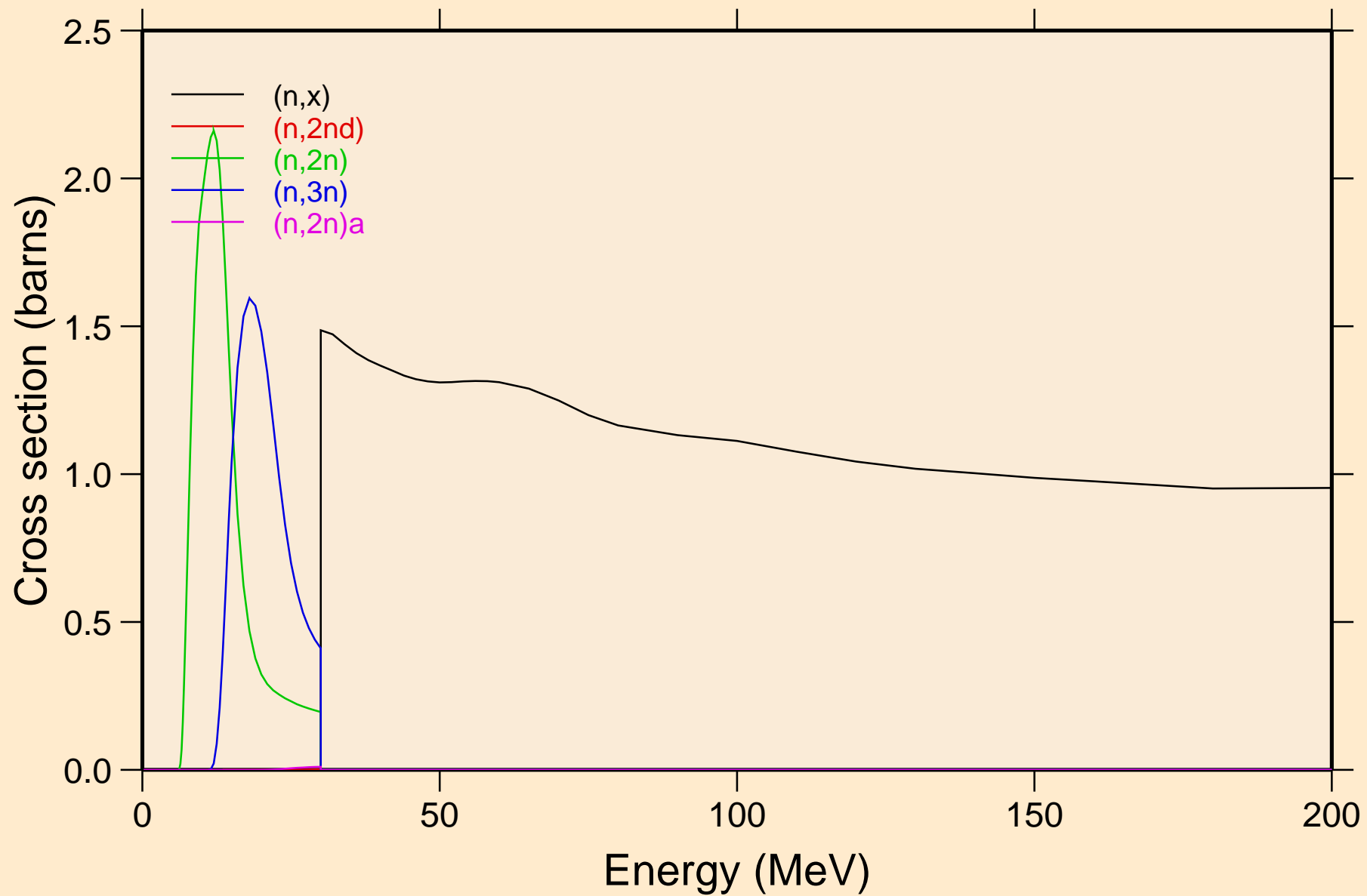


FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

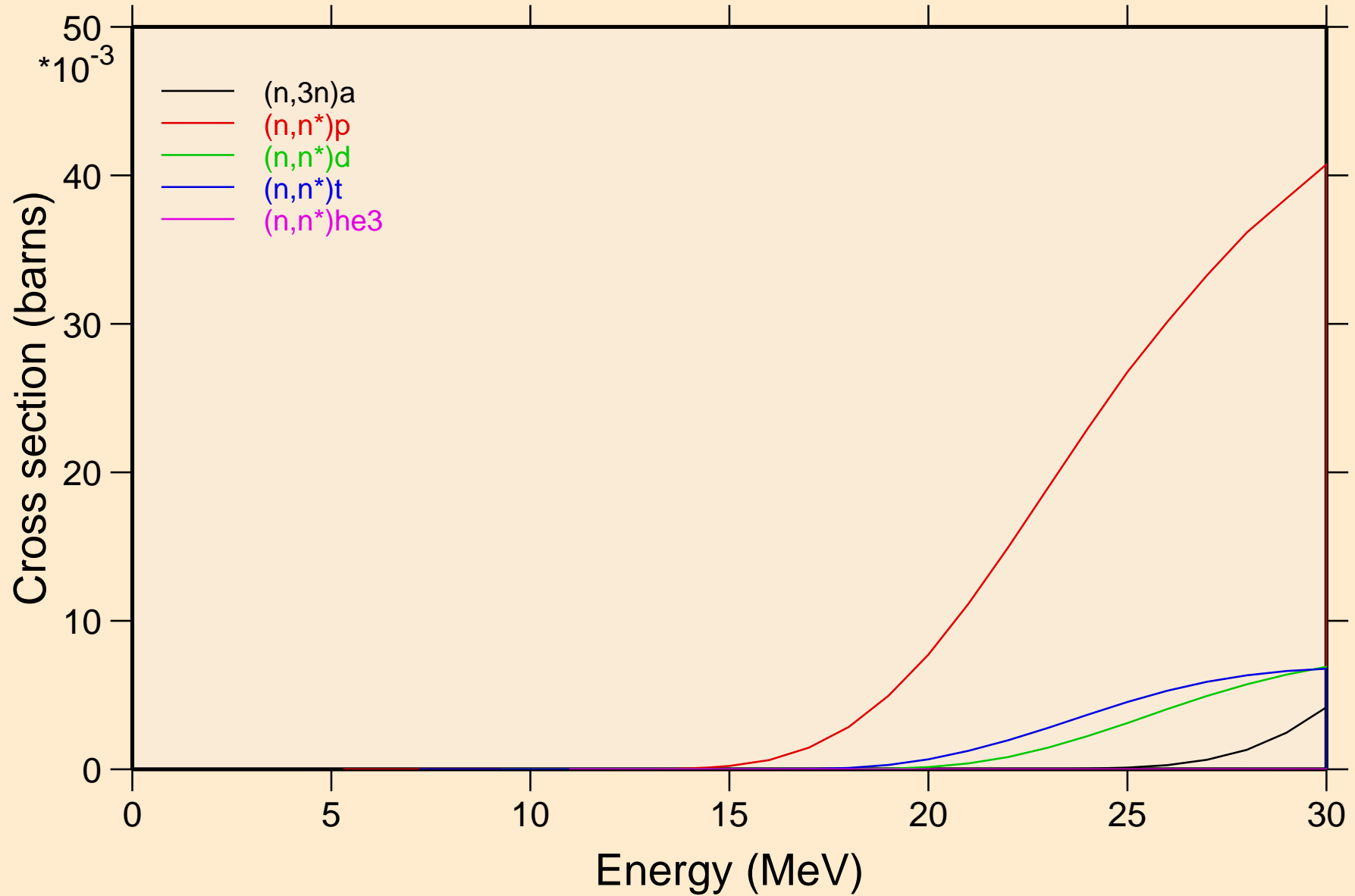


# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

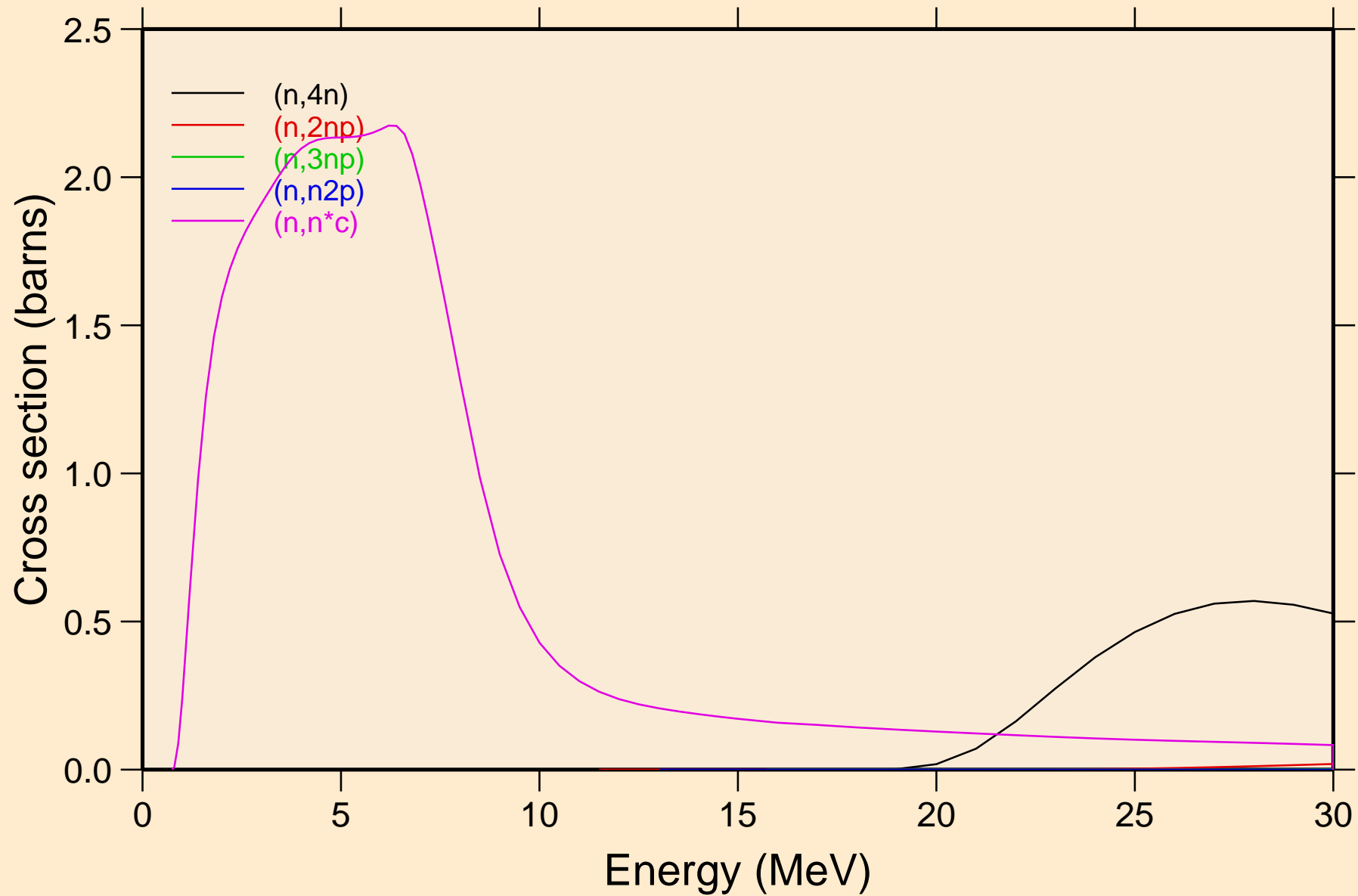
## Threshold reactions



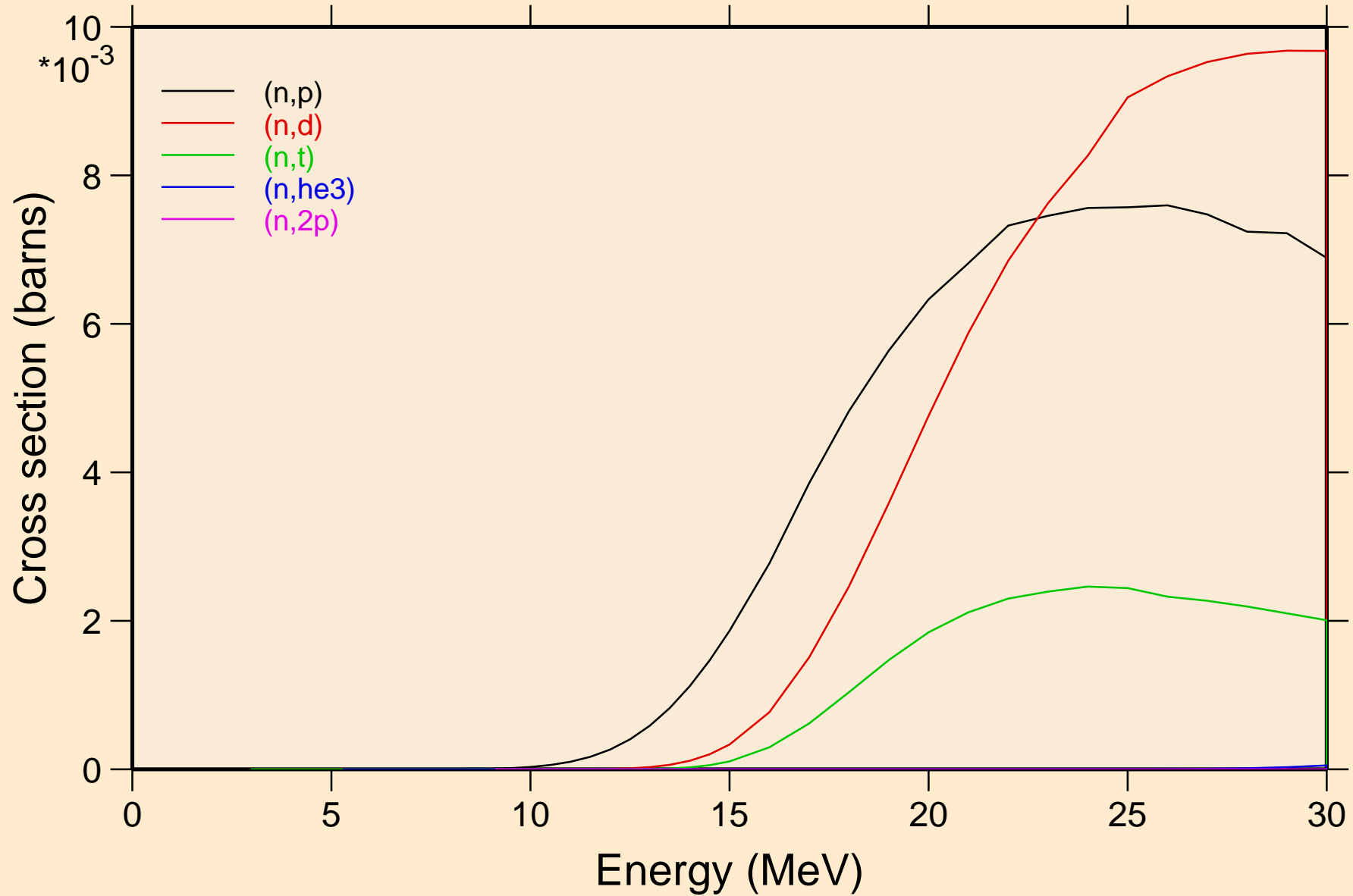
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



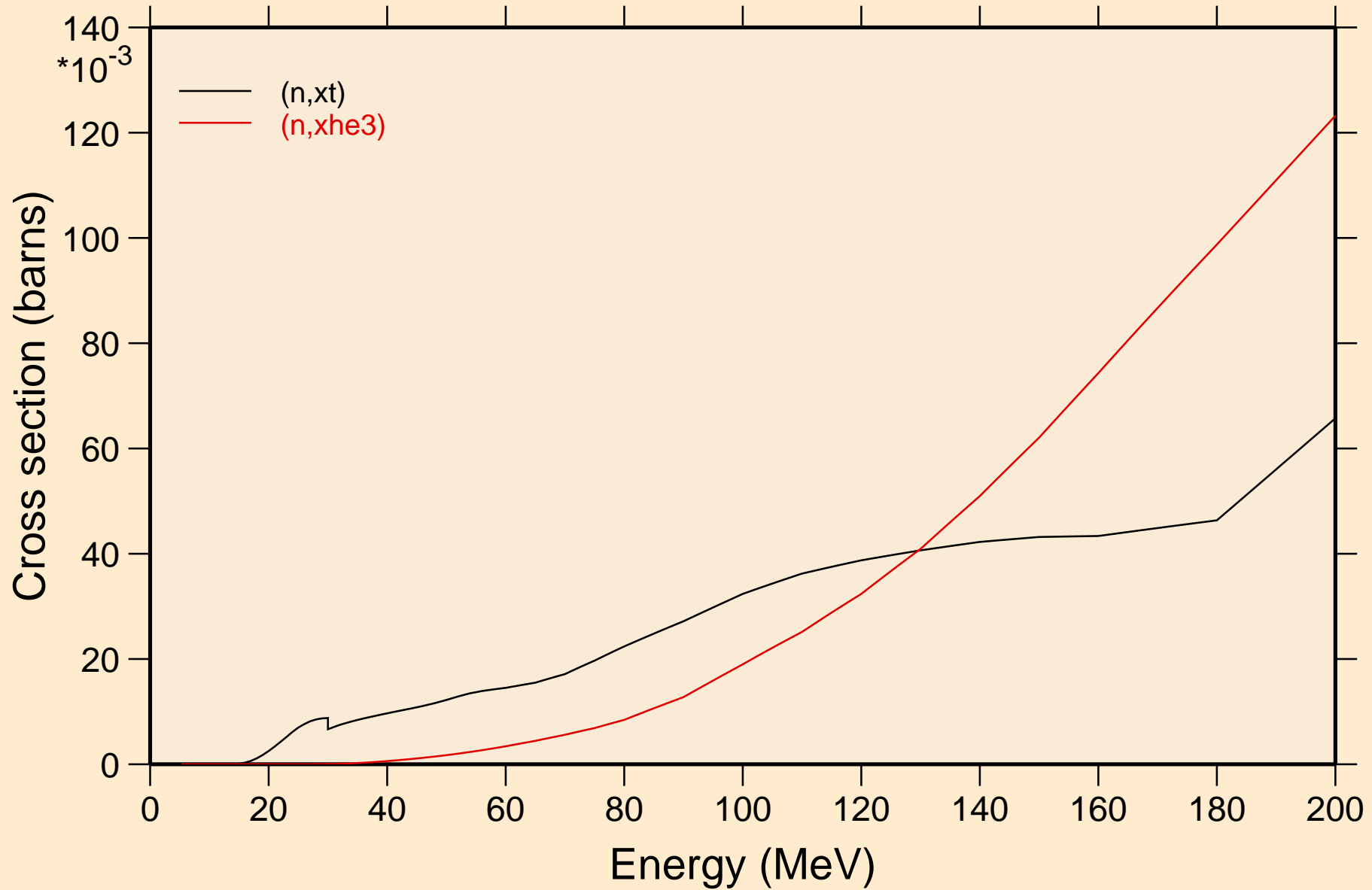
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



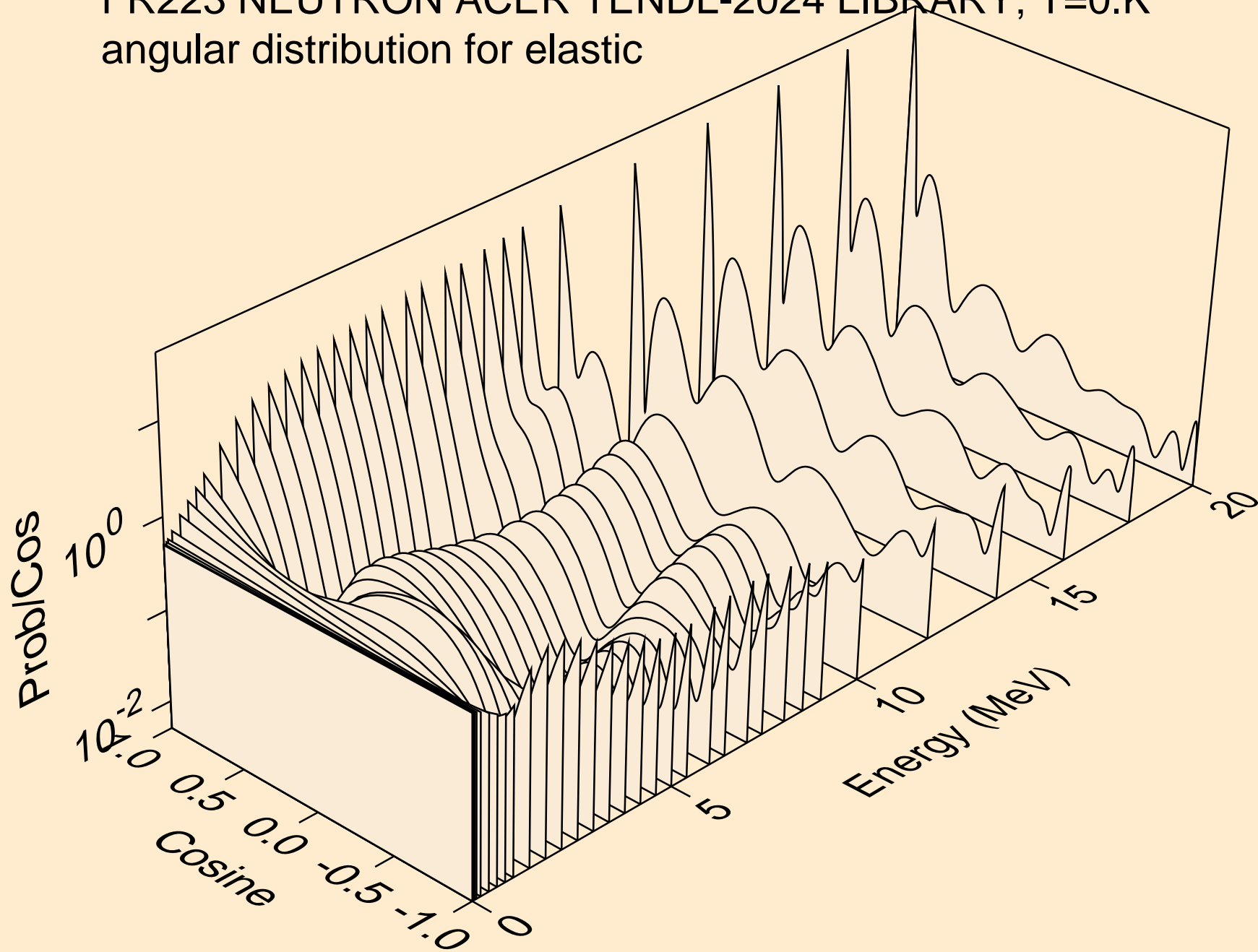
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



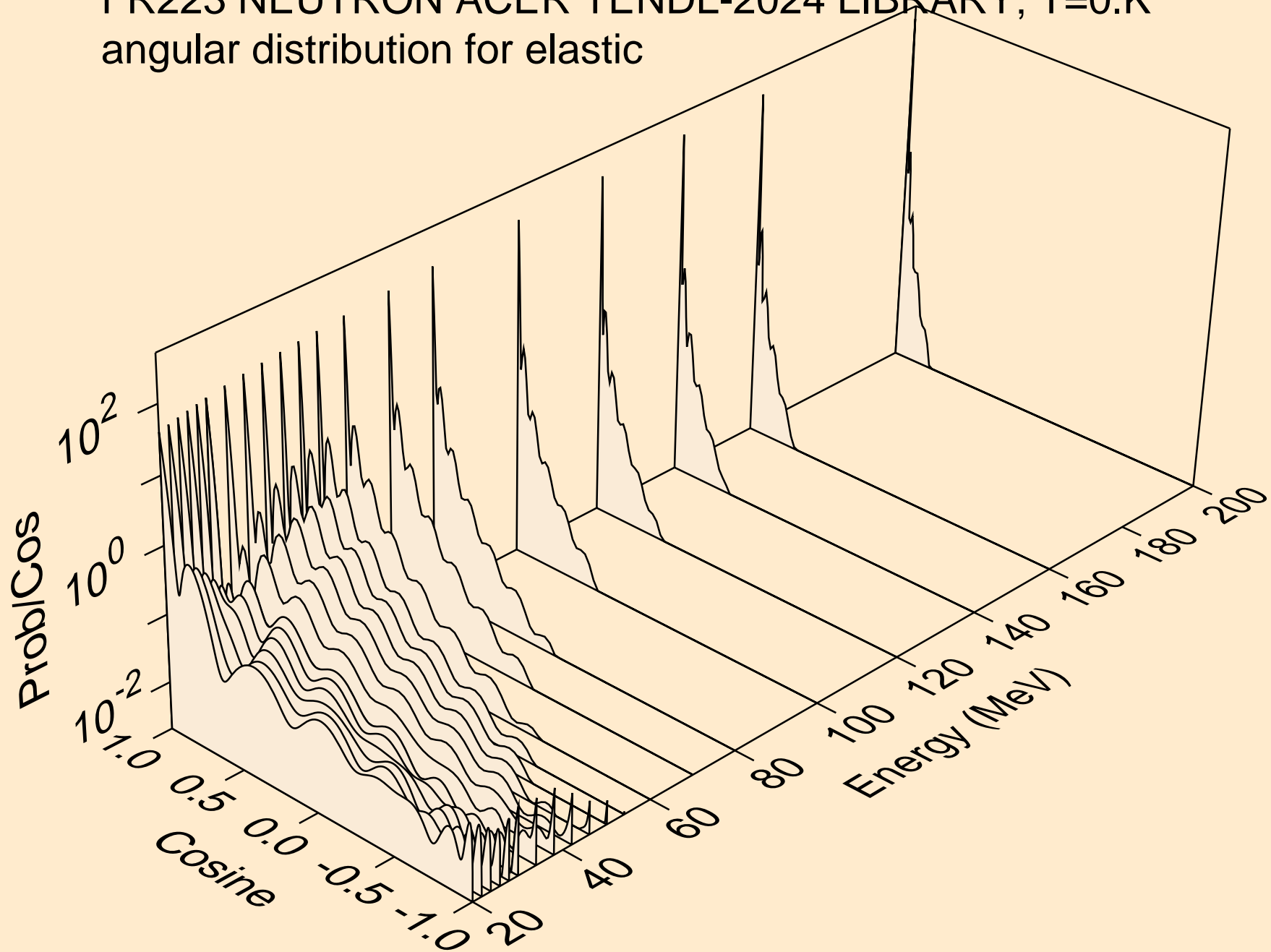
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



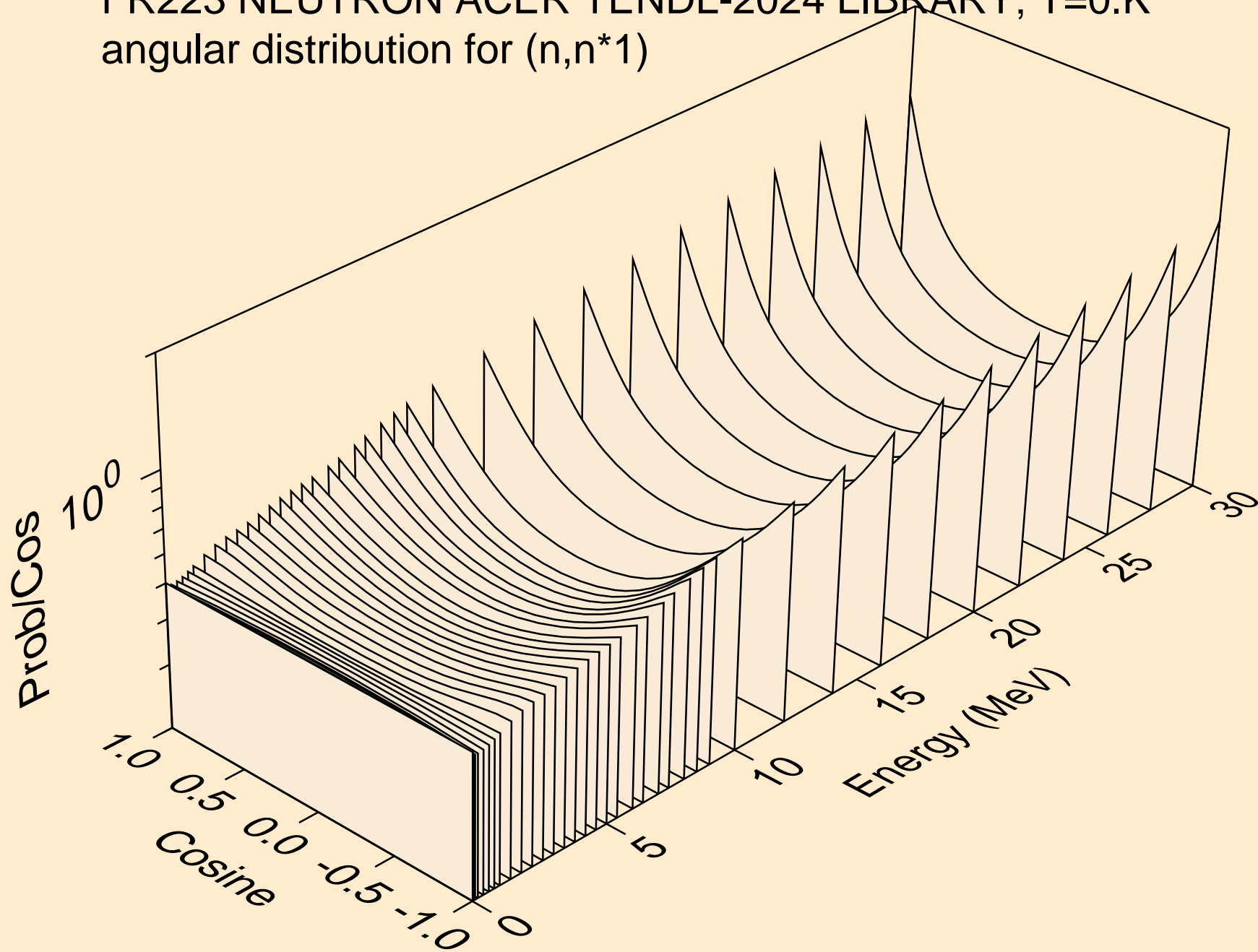
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



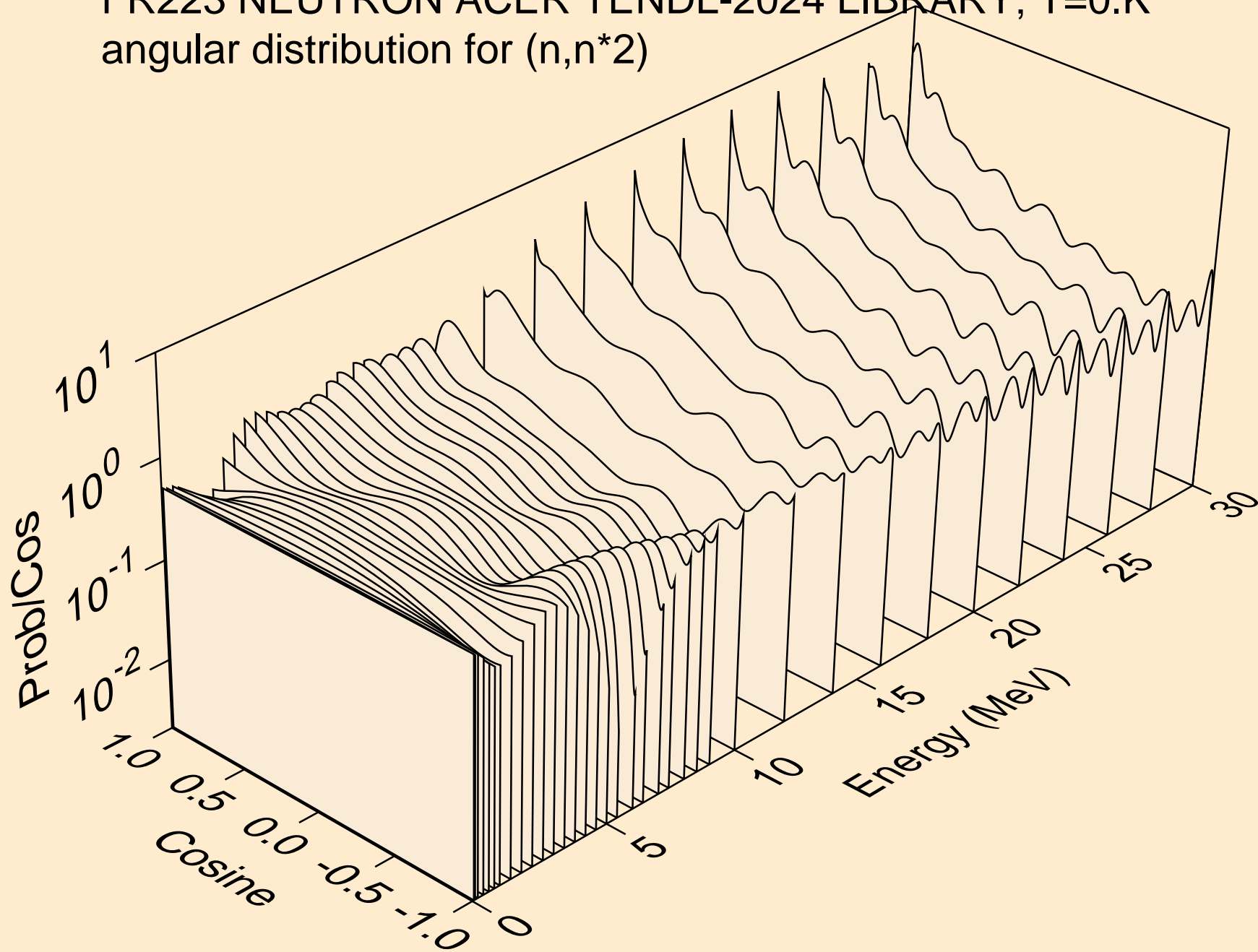
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



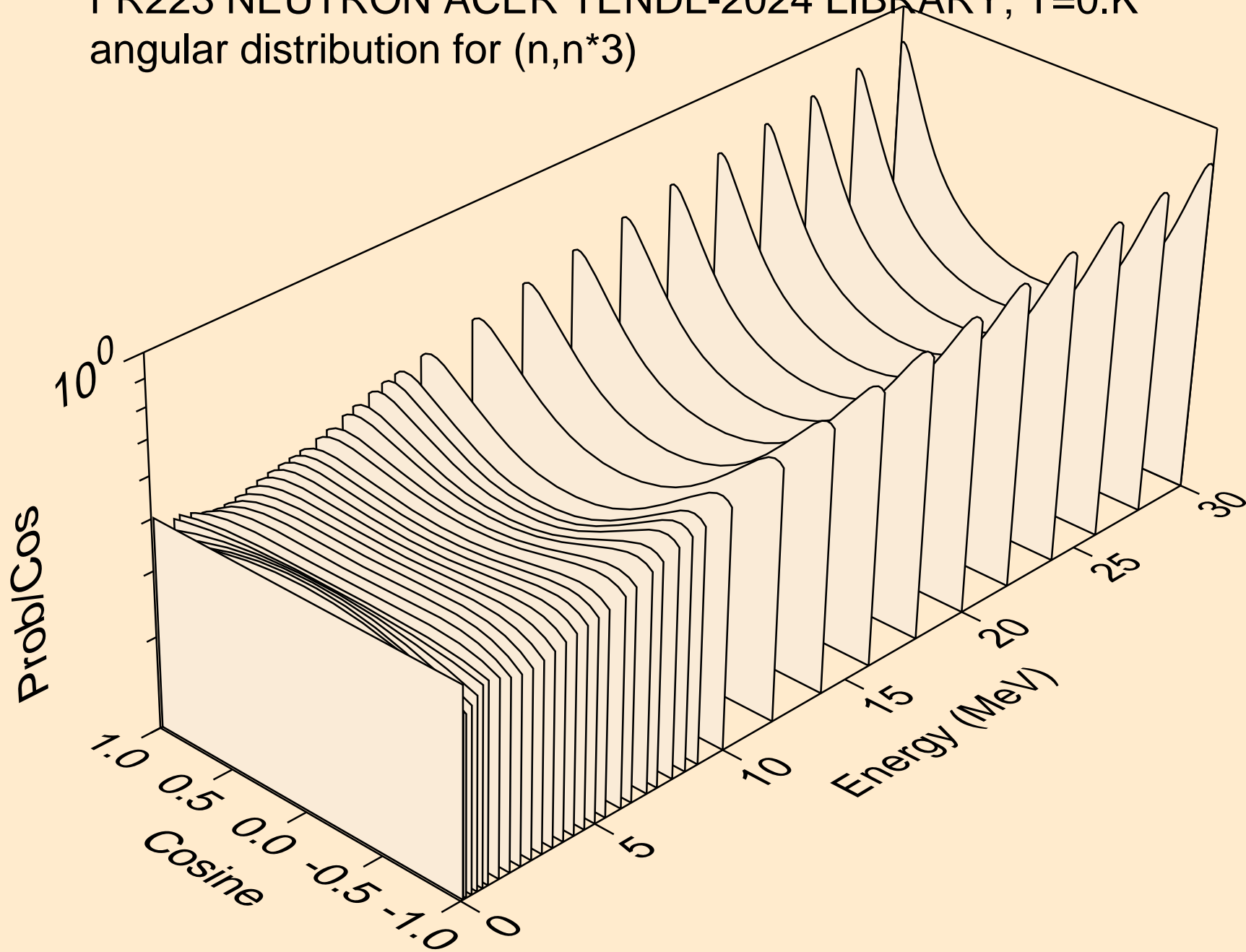
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



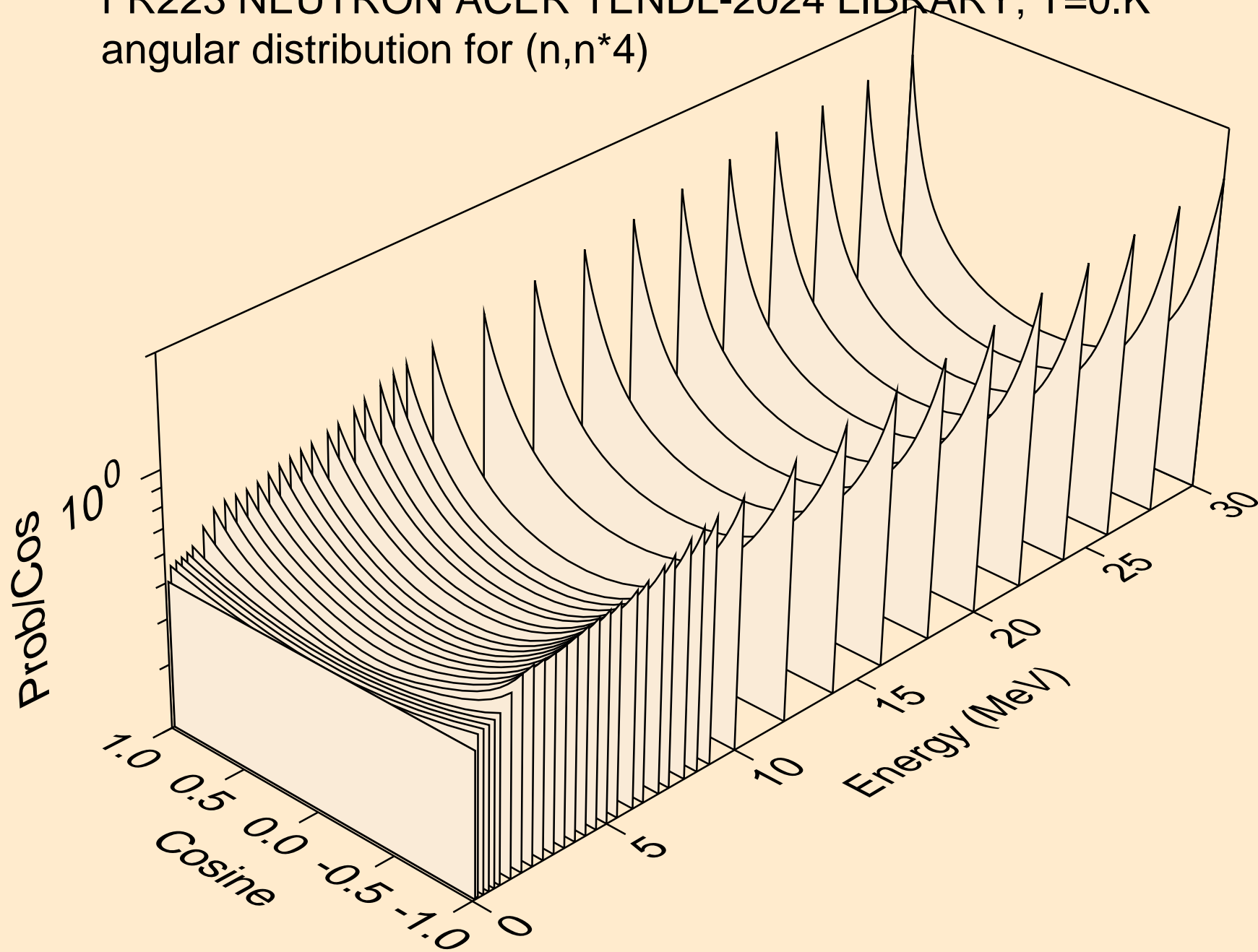
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



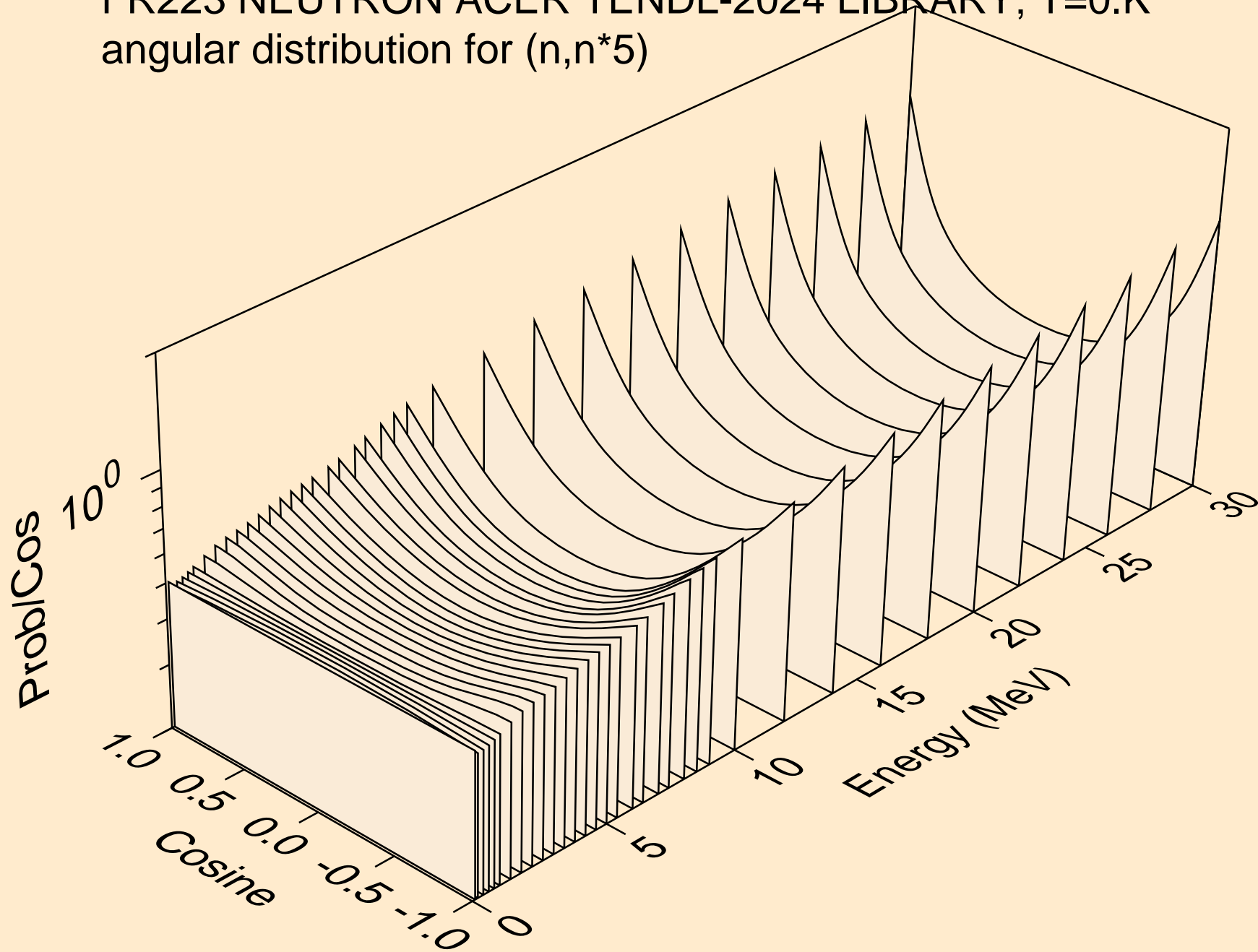
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



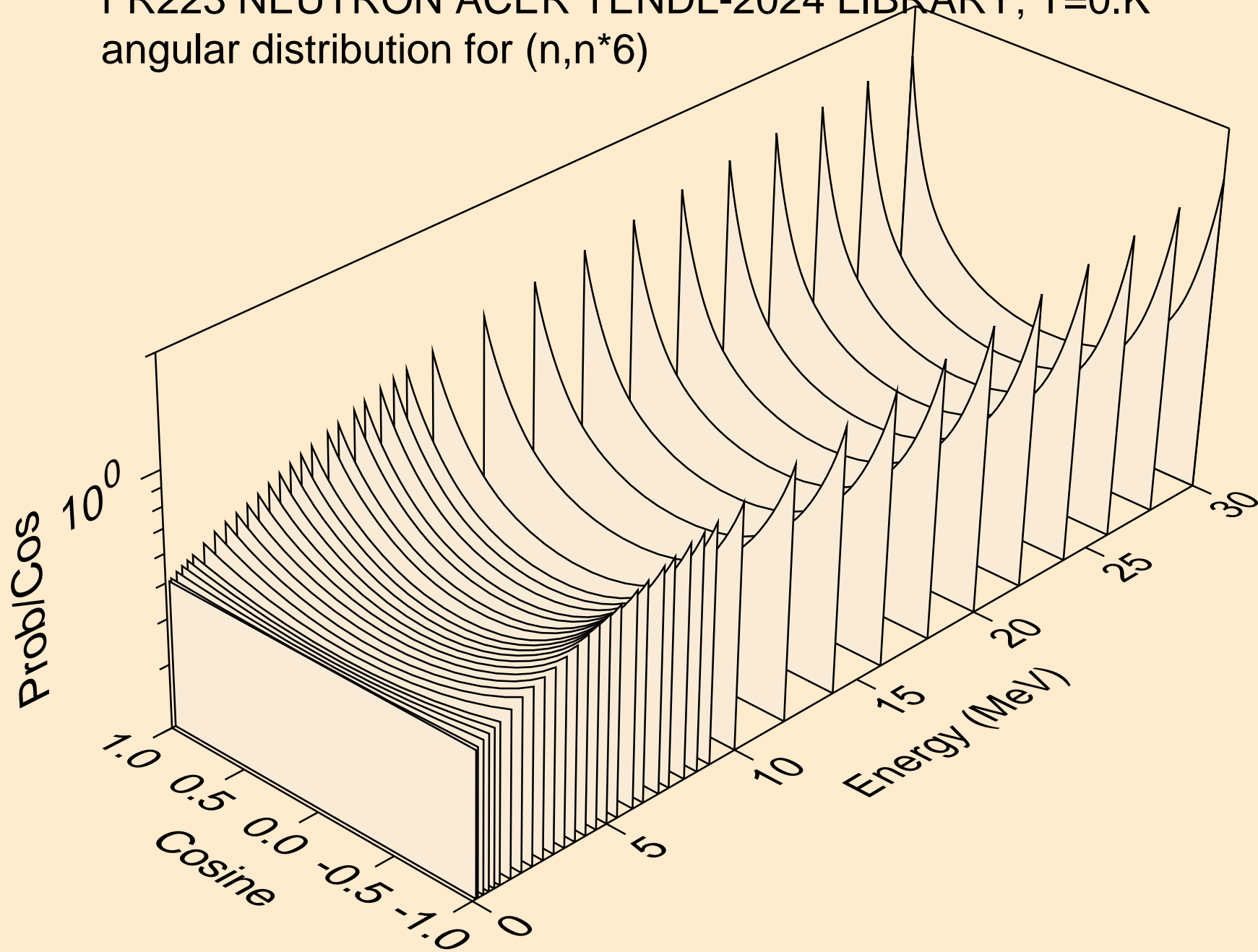
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



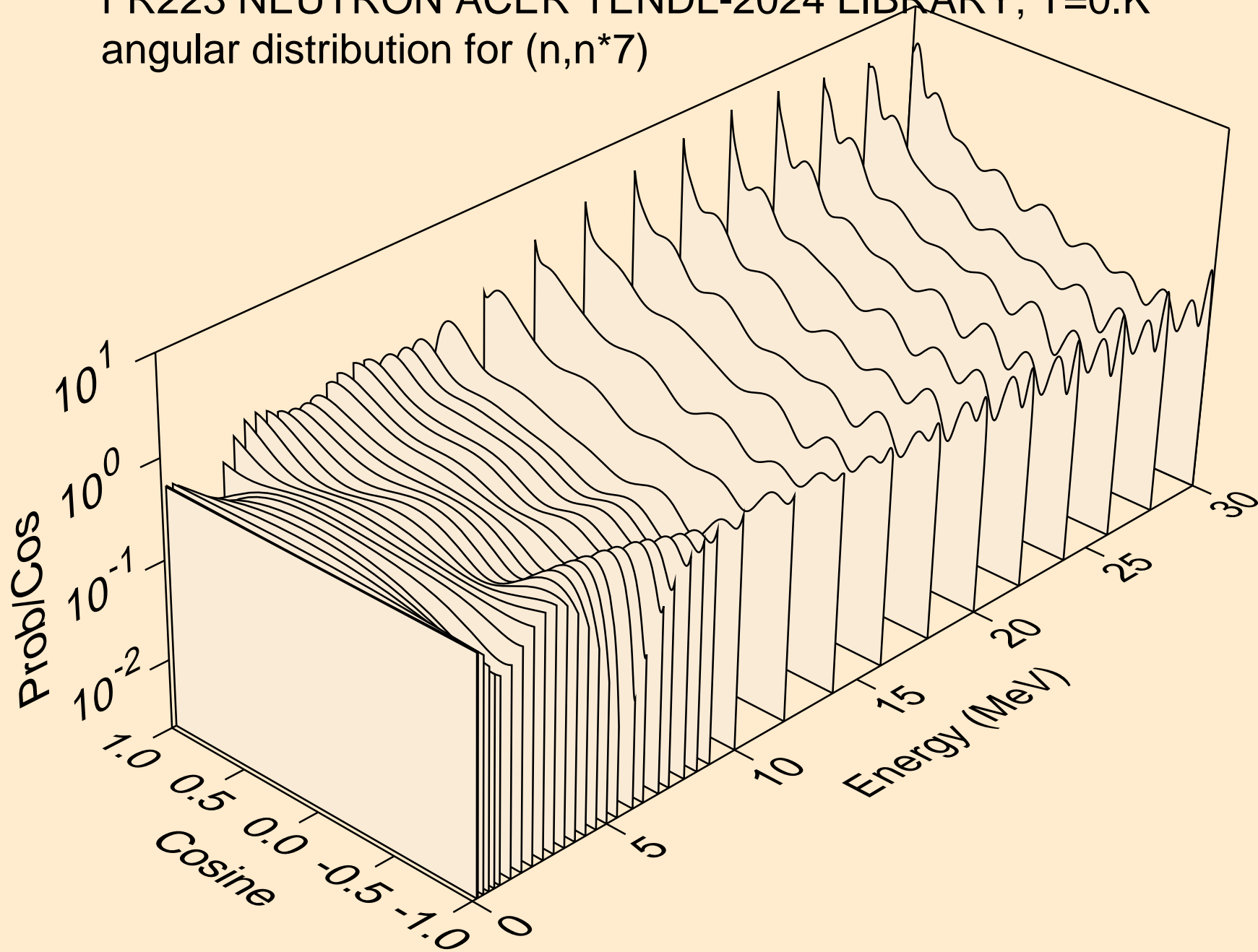
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



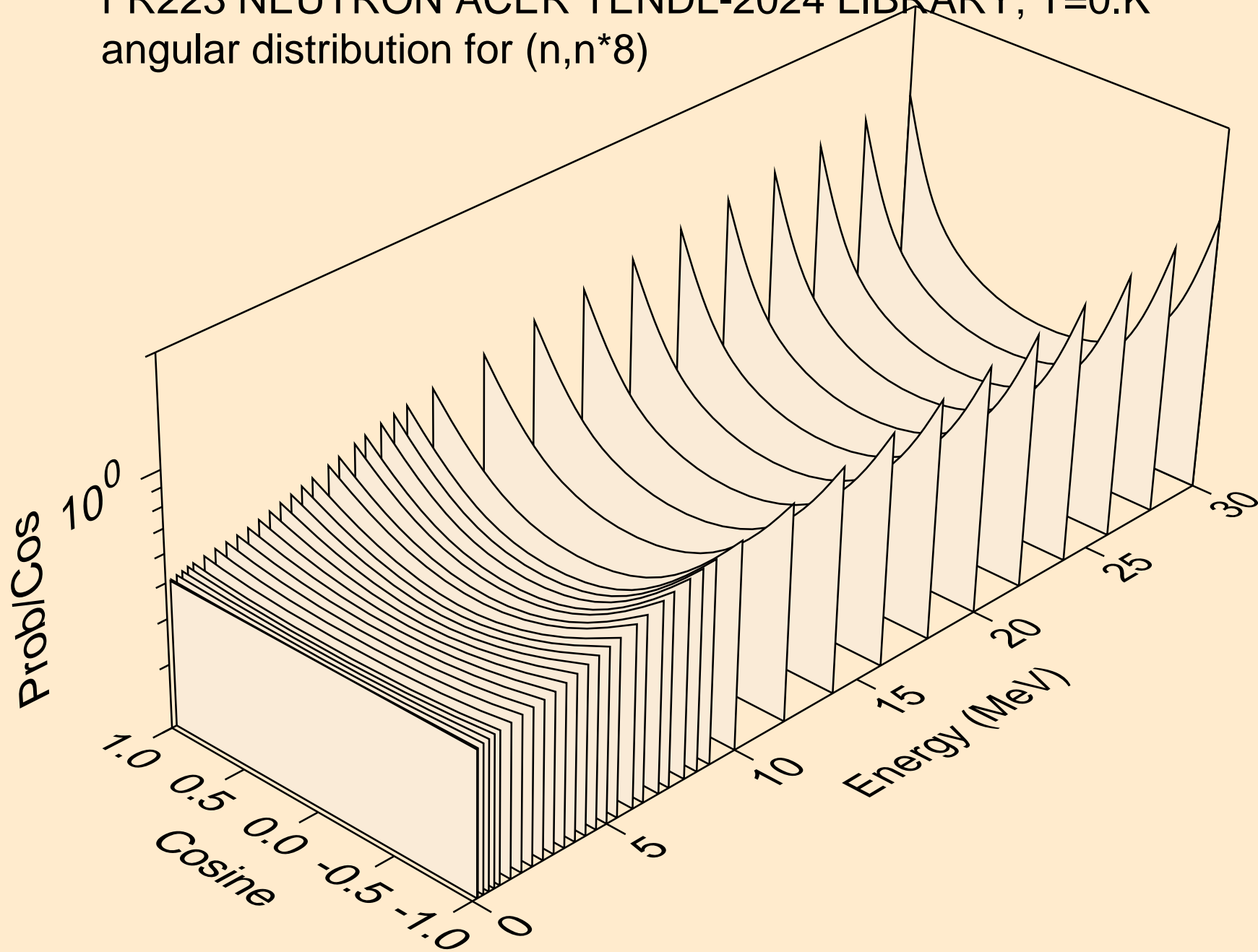
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



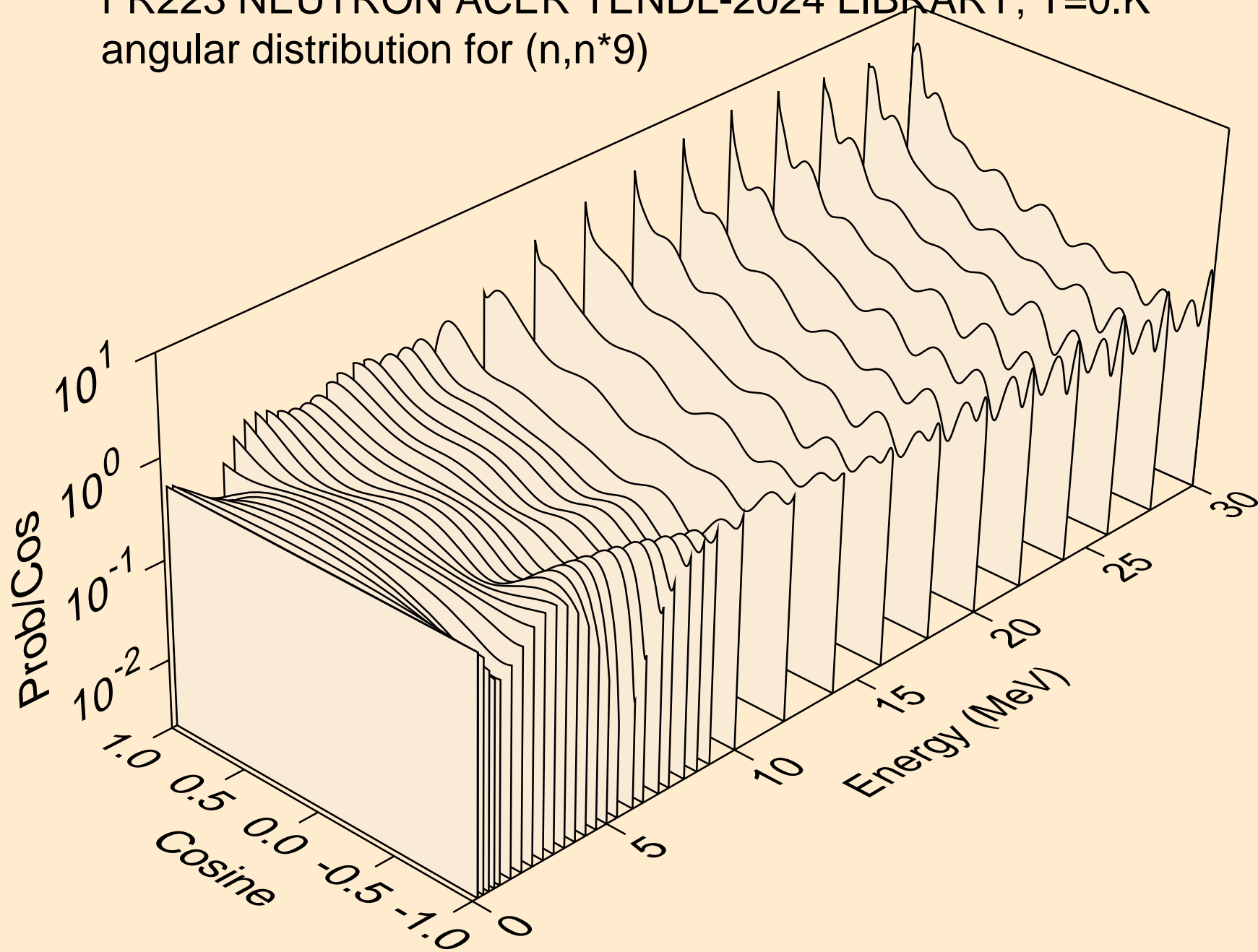
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



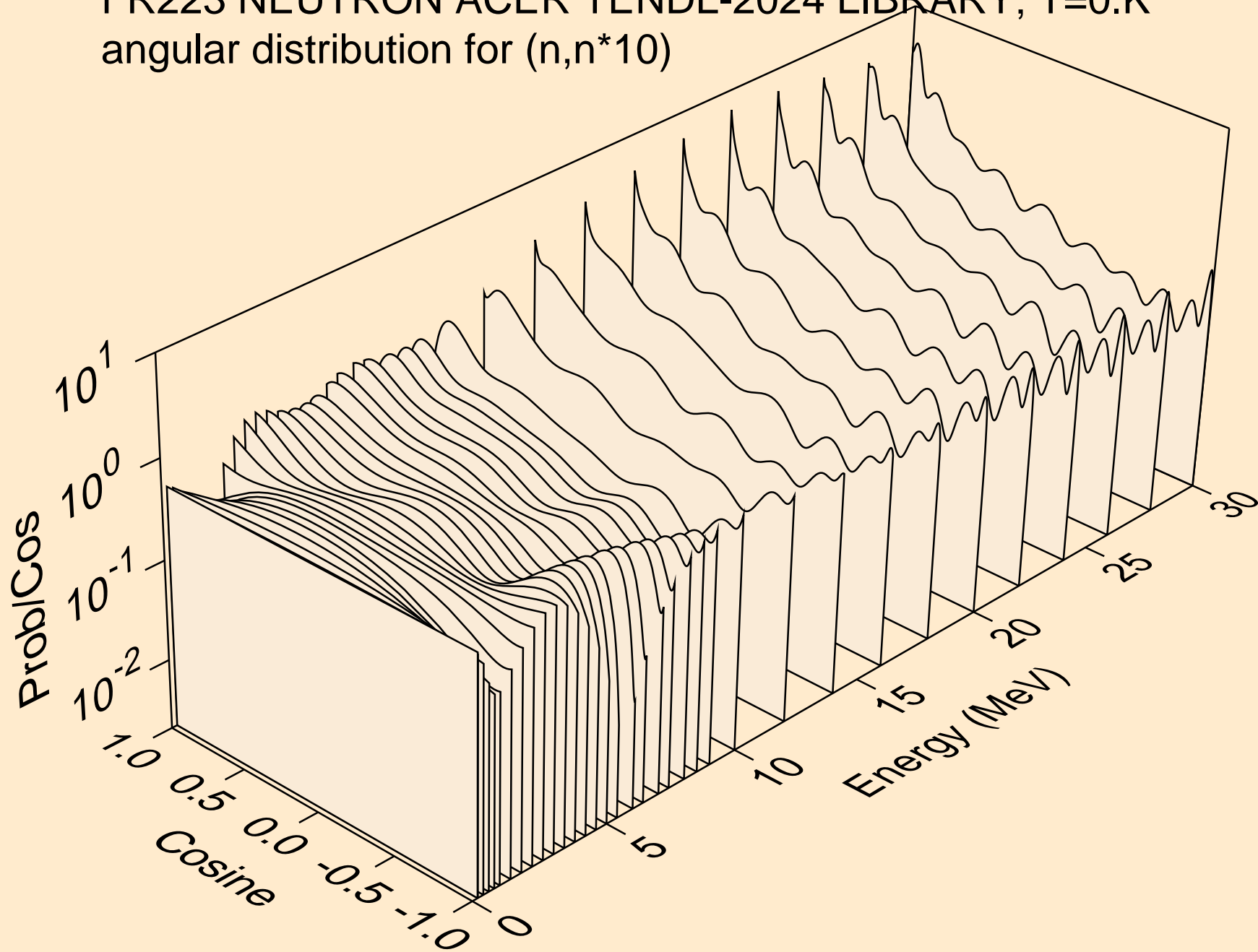
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



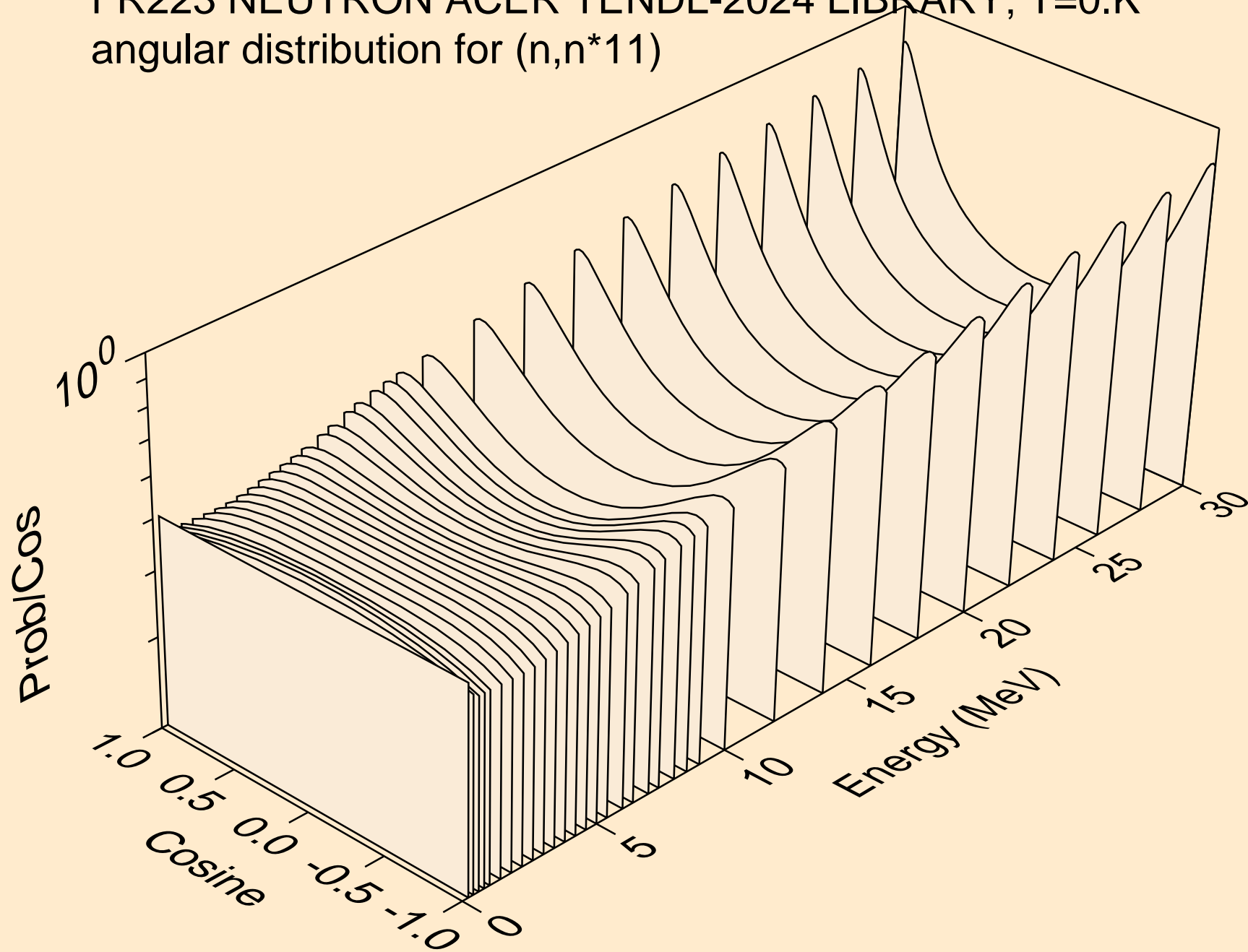
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



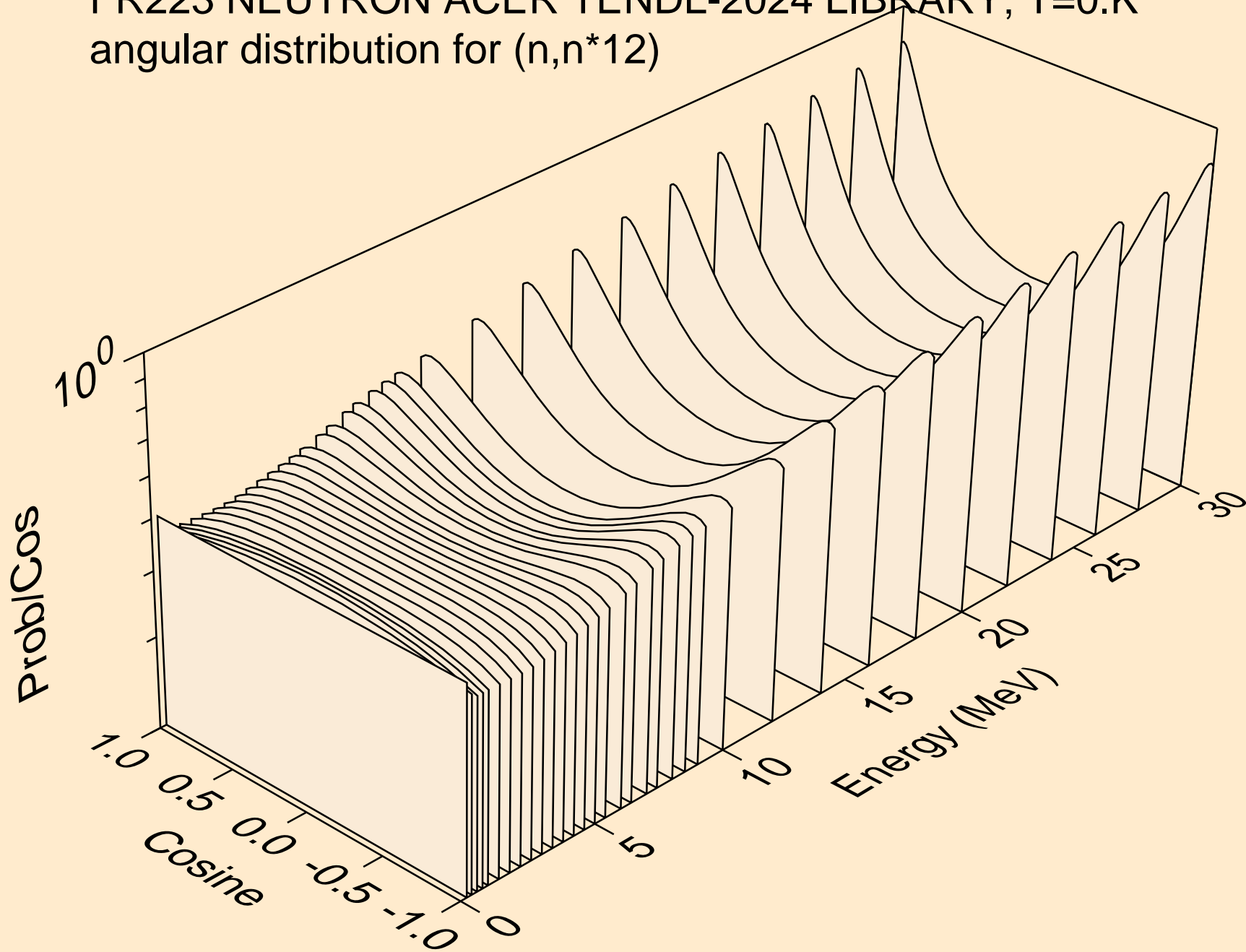
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



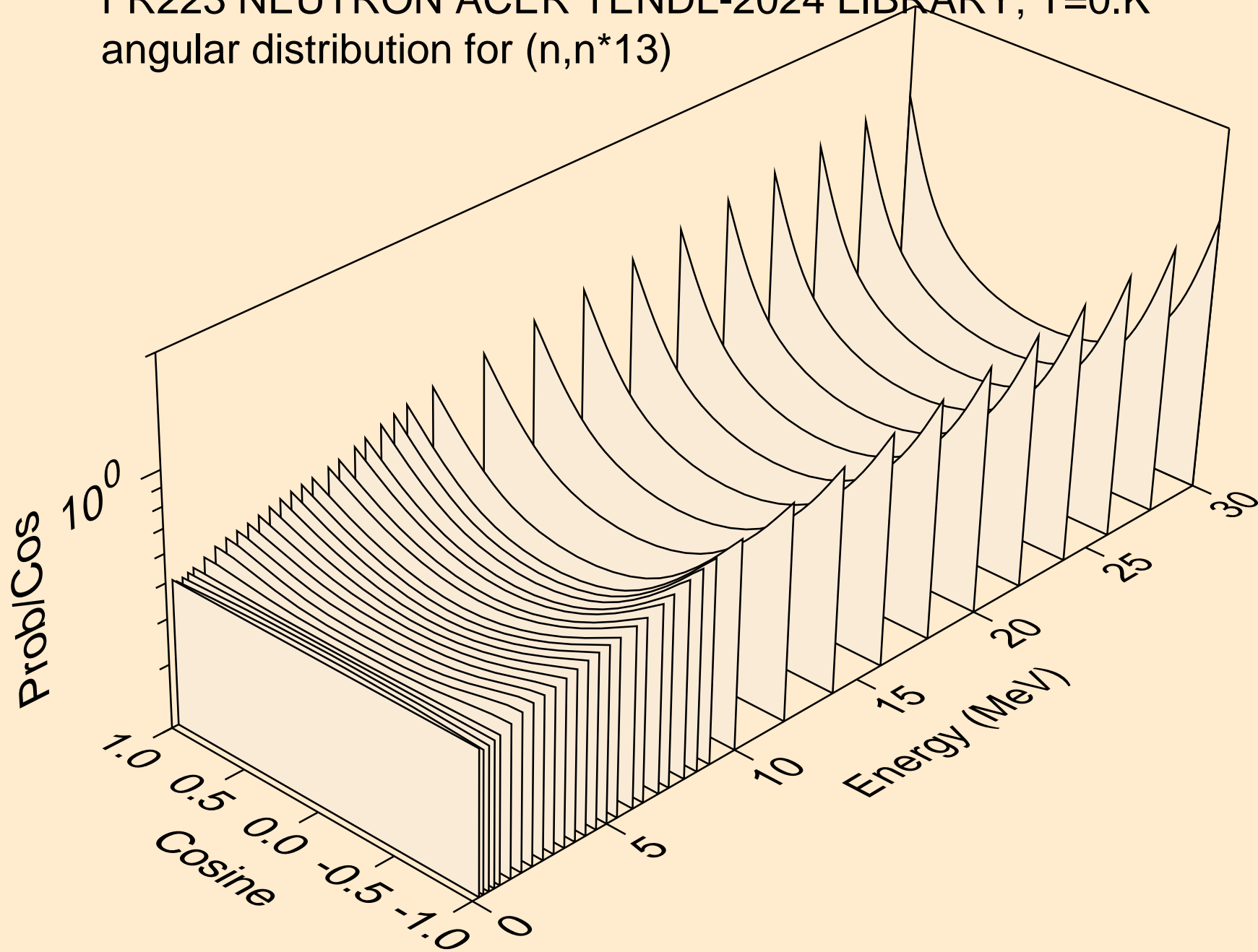
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



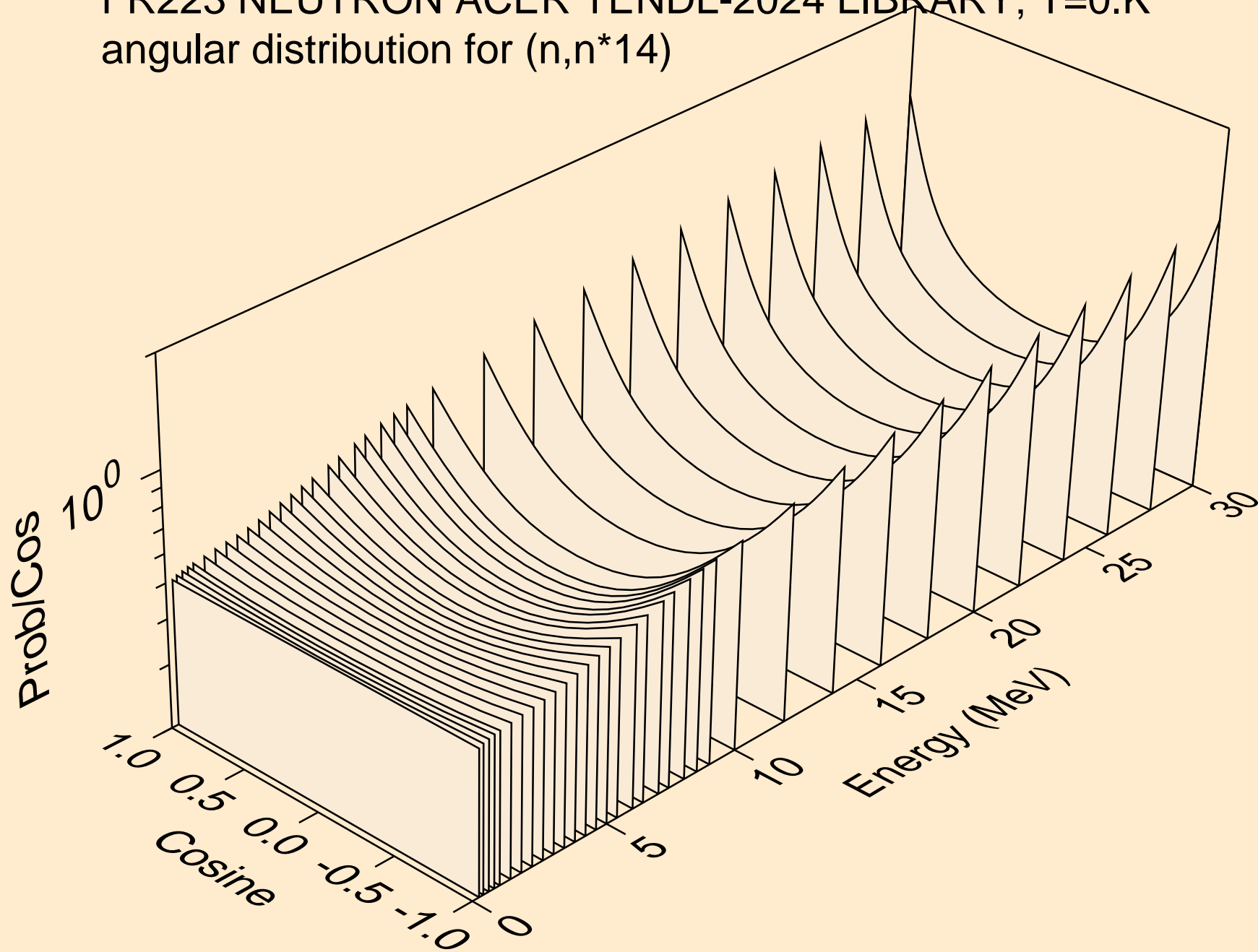
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



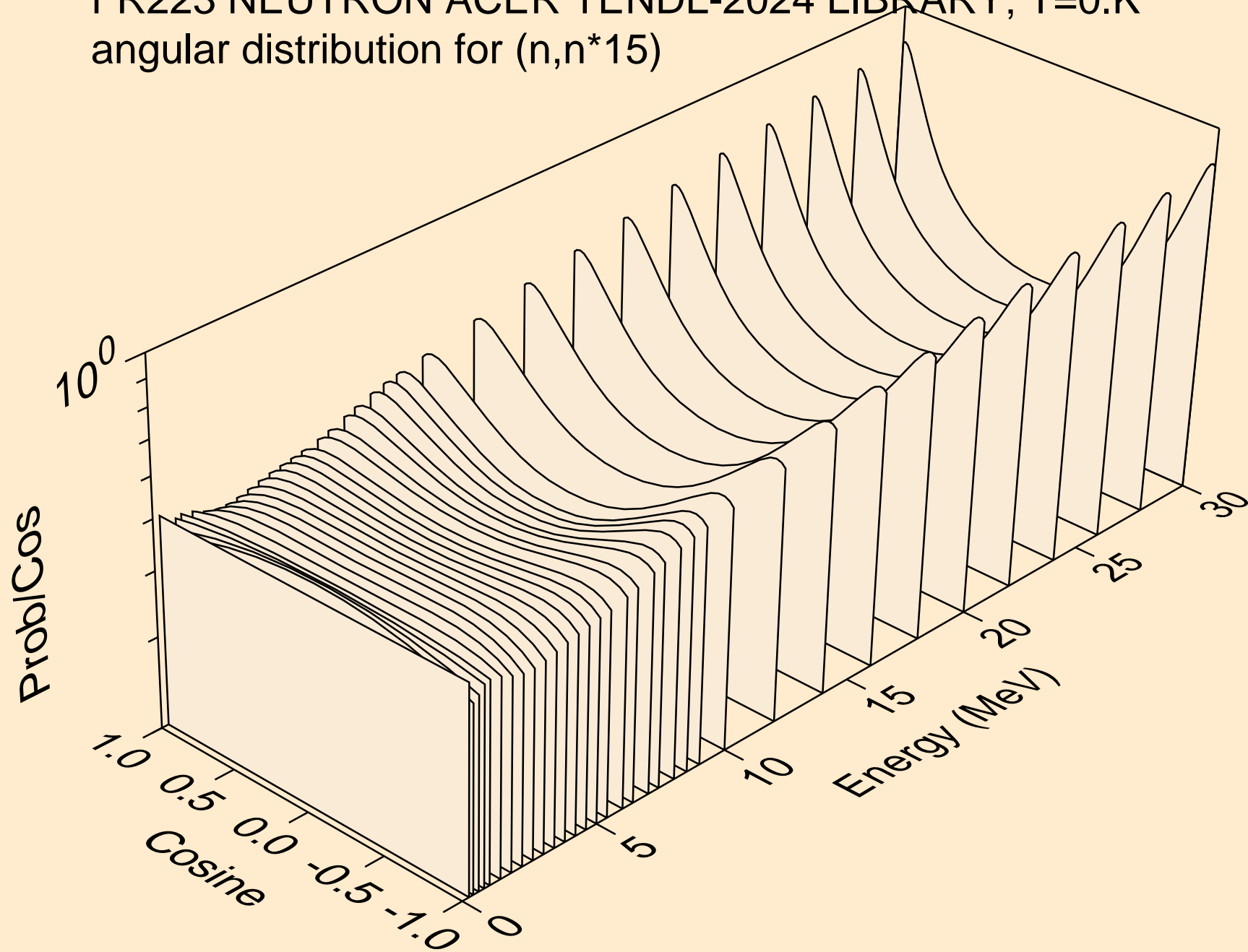
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



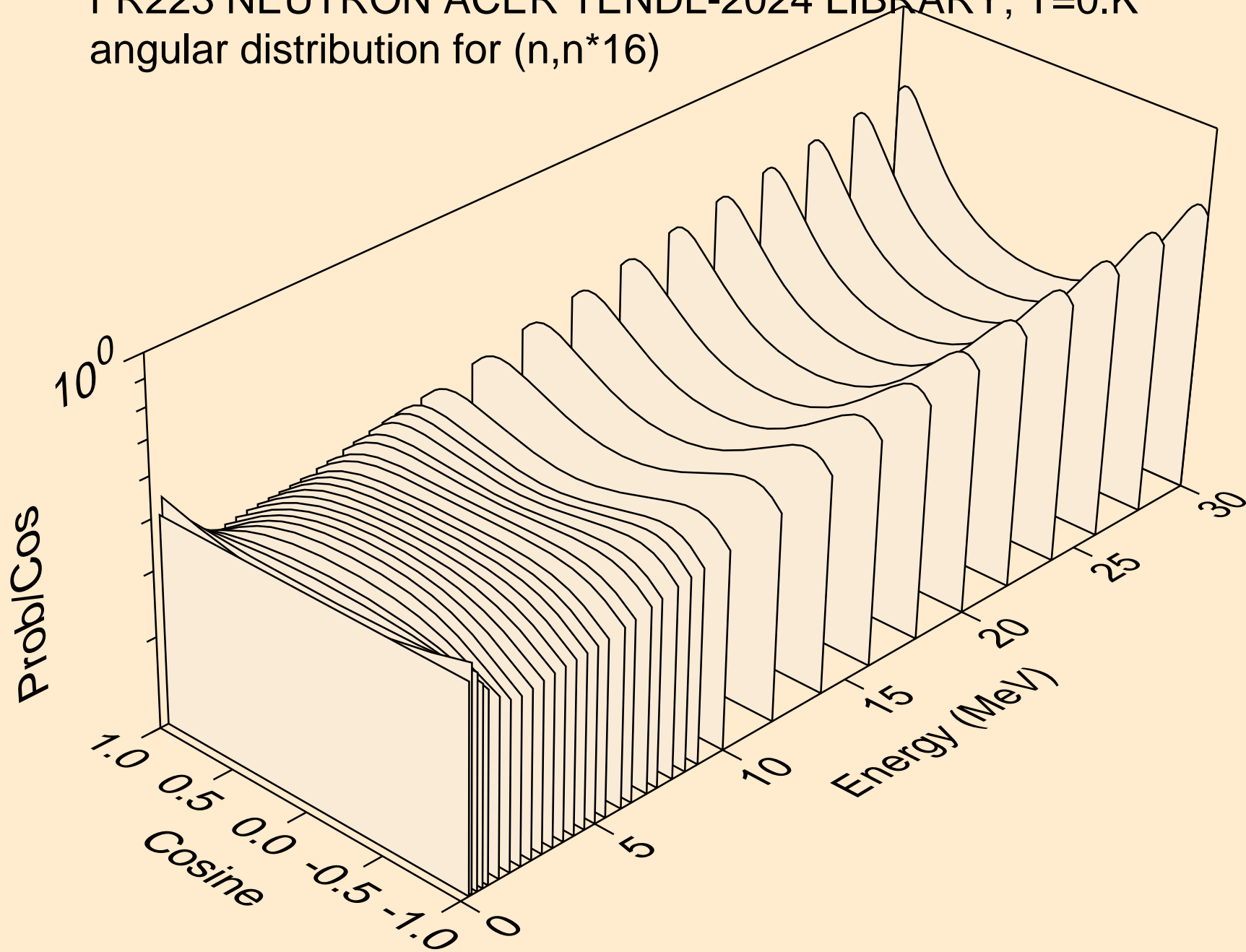
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



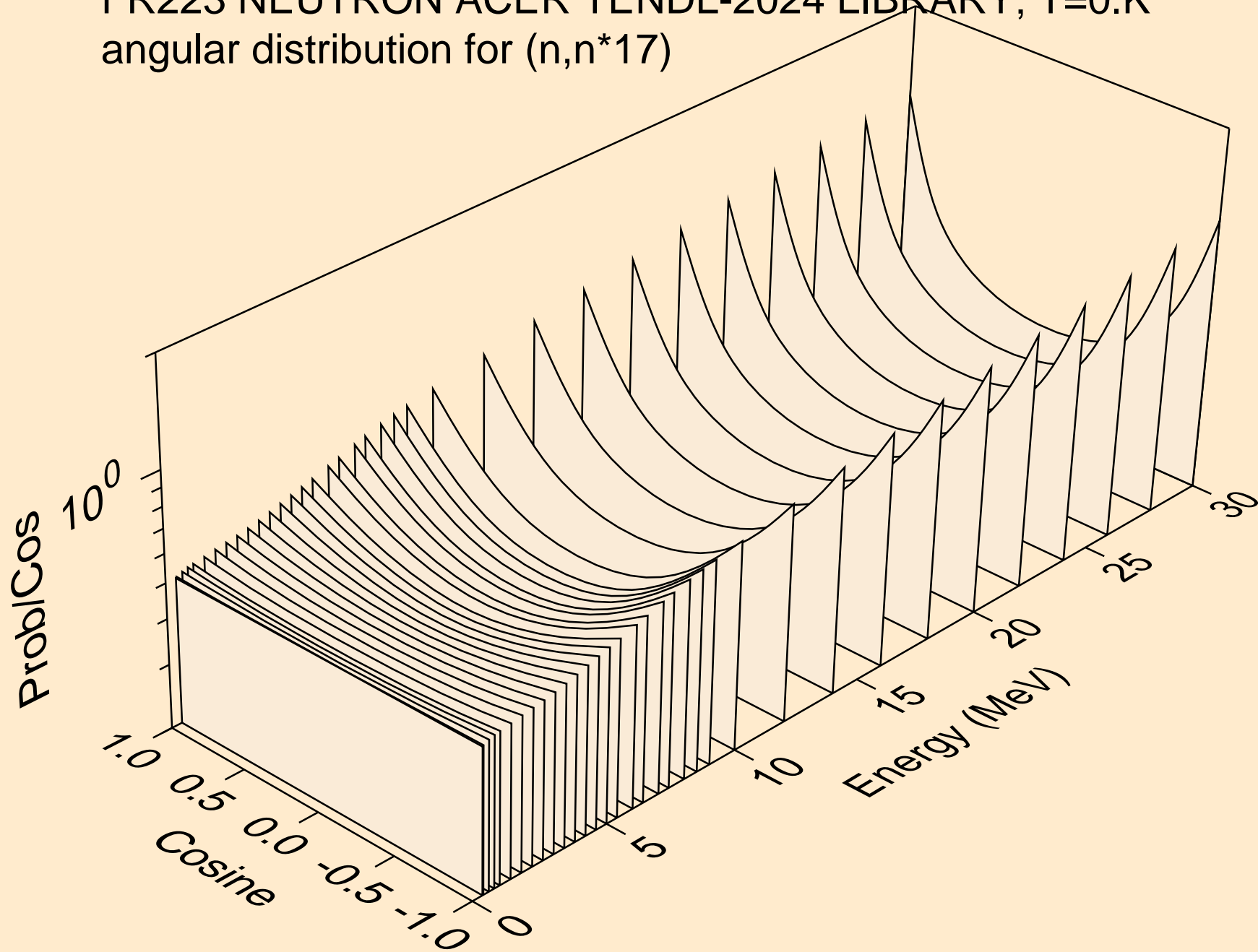
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



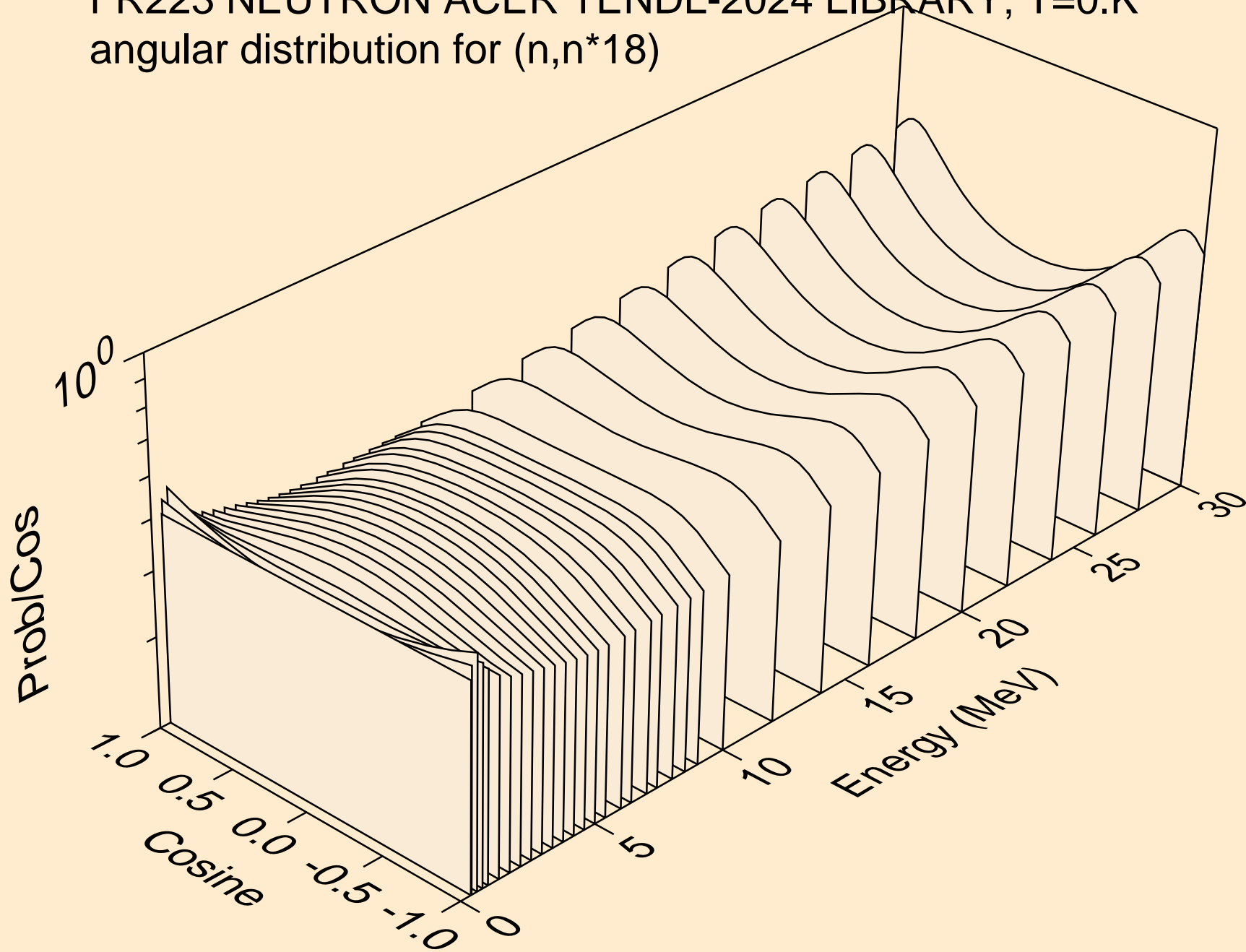
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



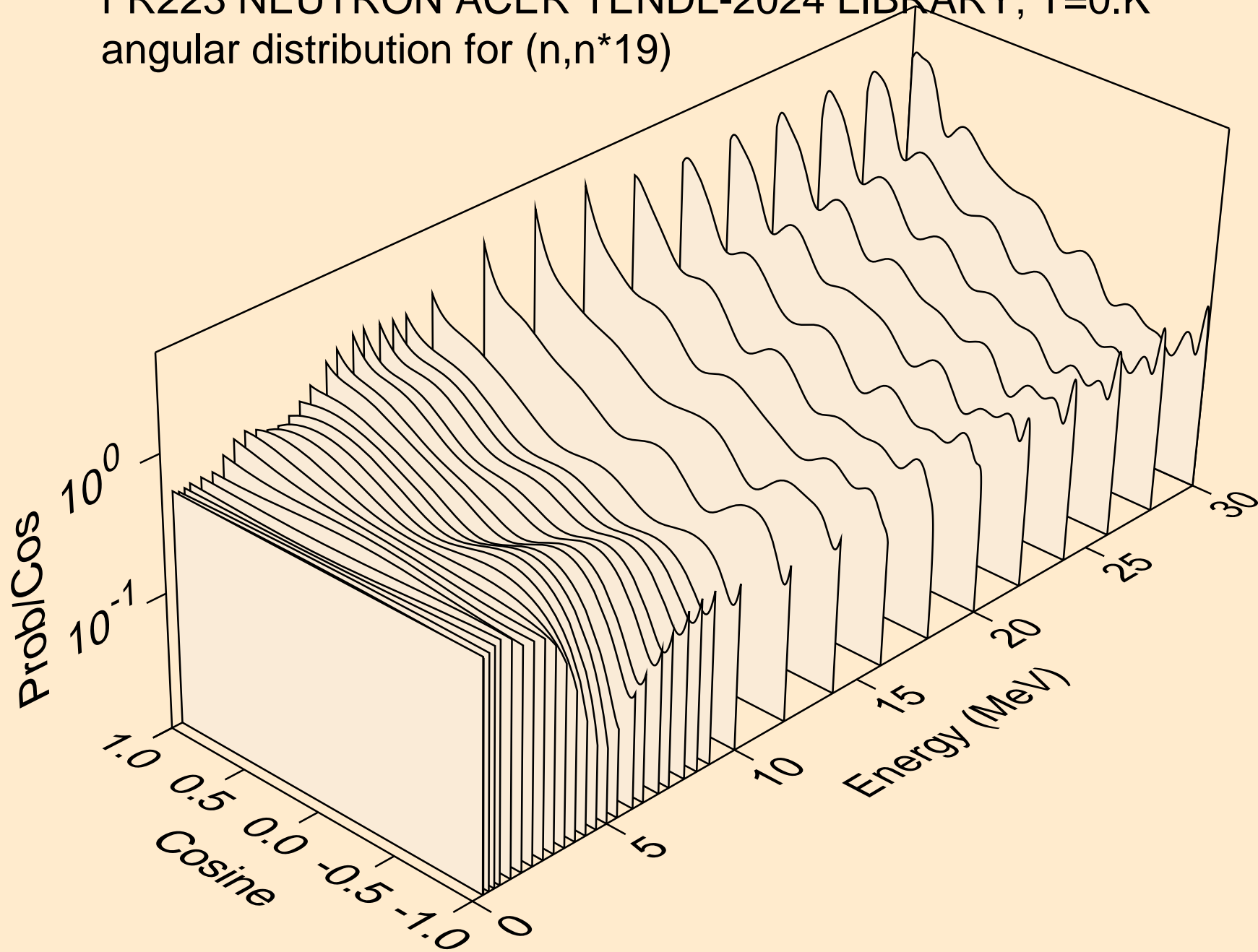
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



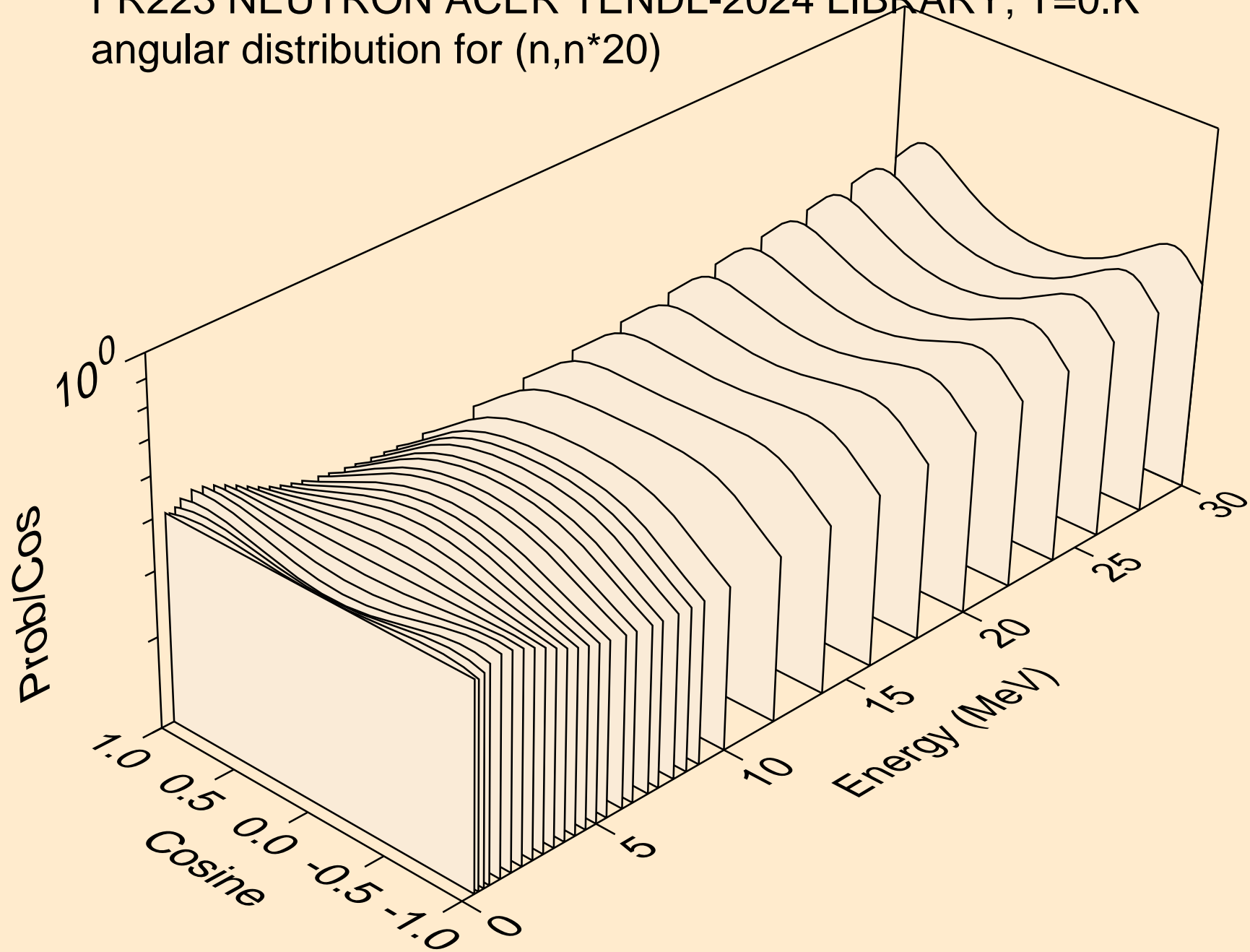
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



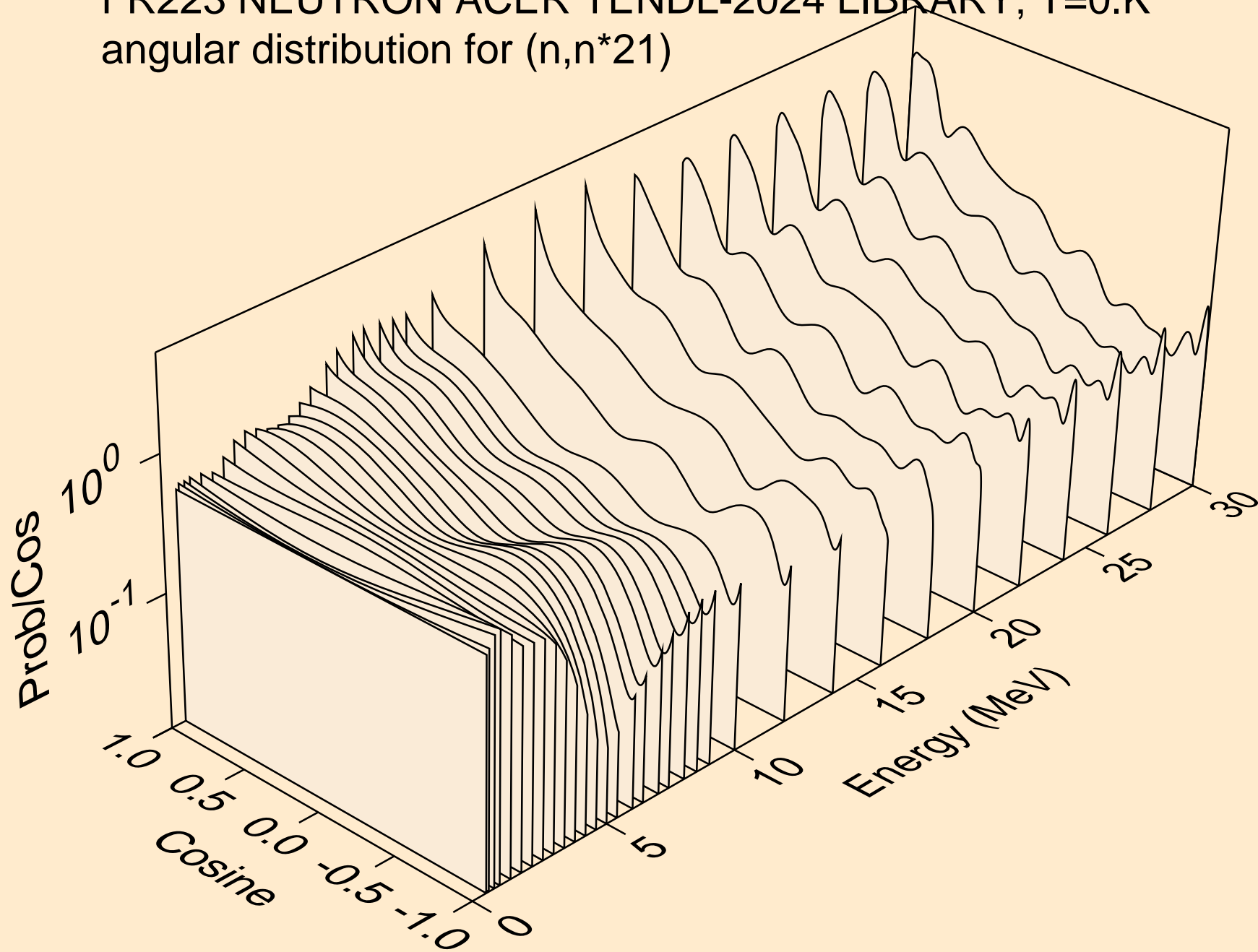
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



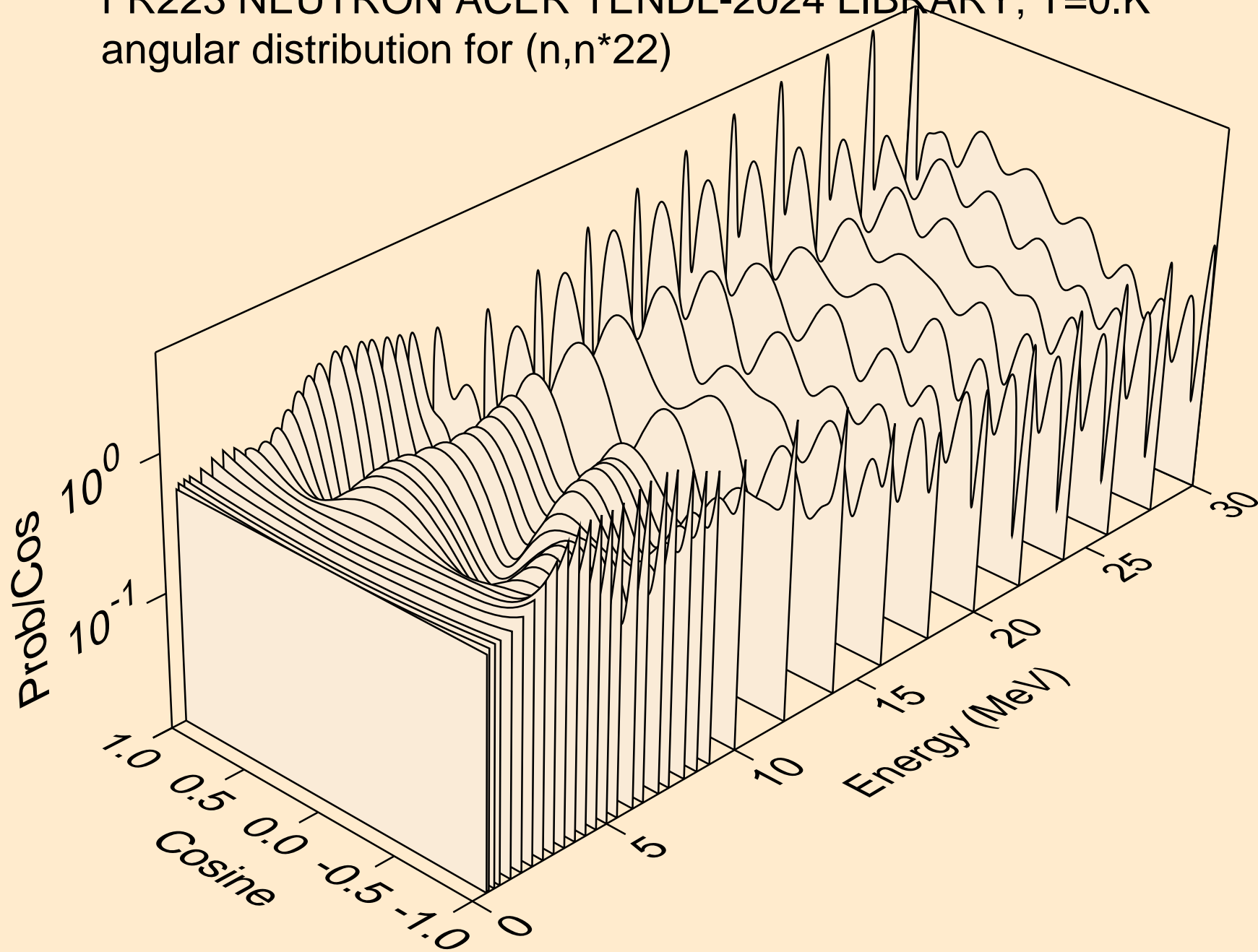
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



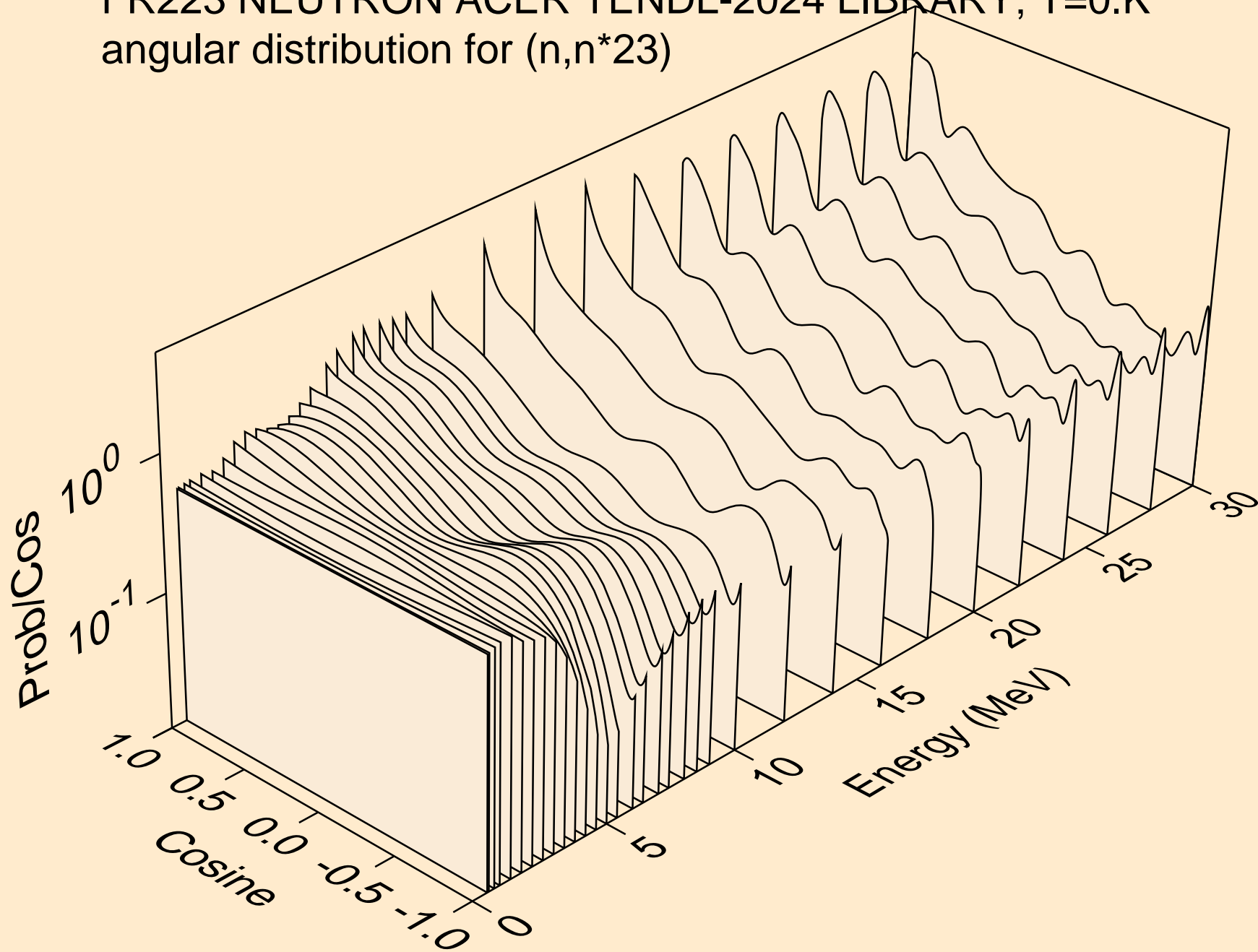
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



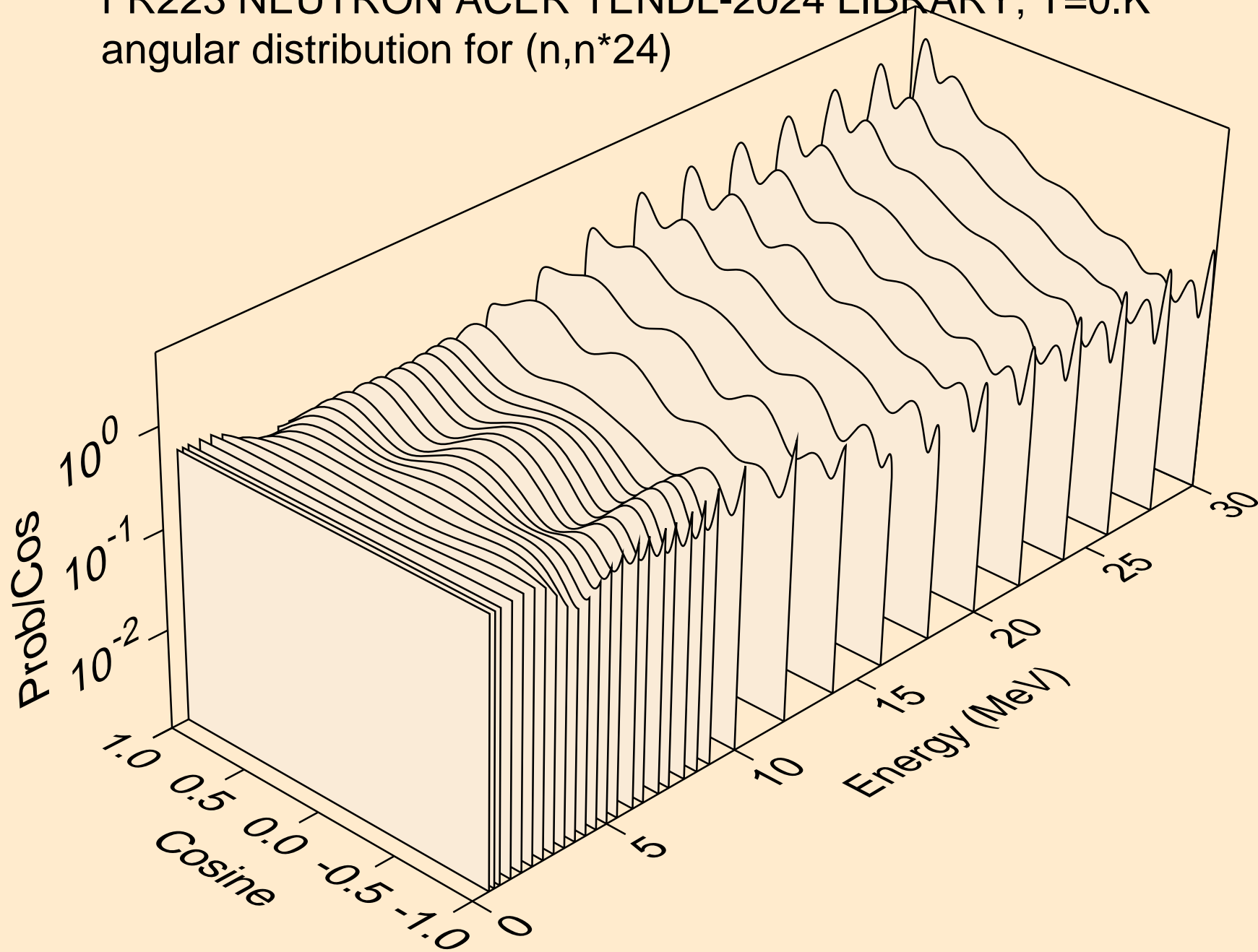
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



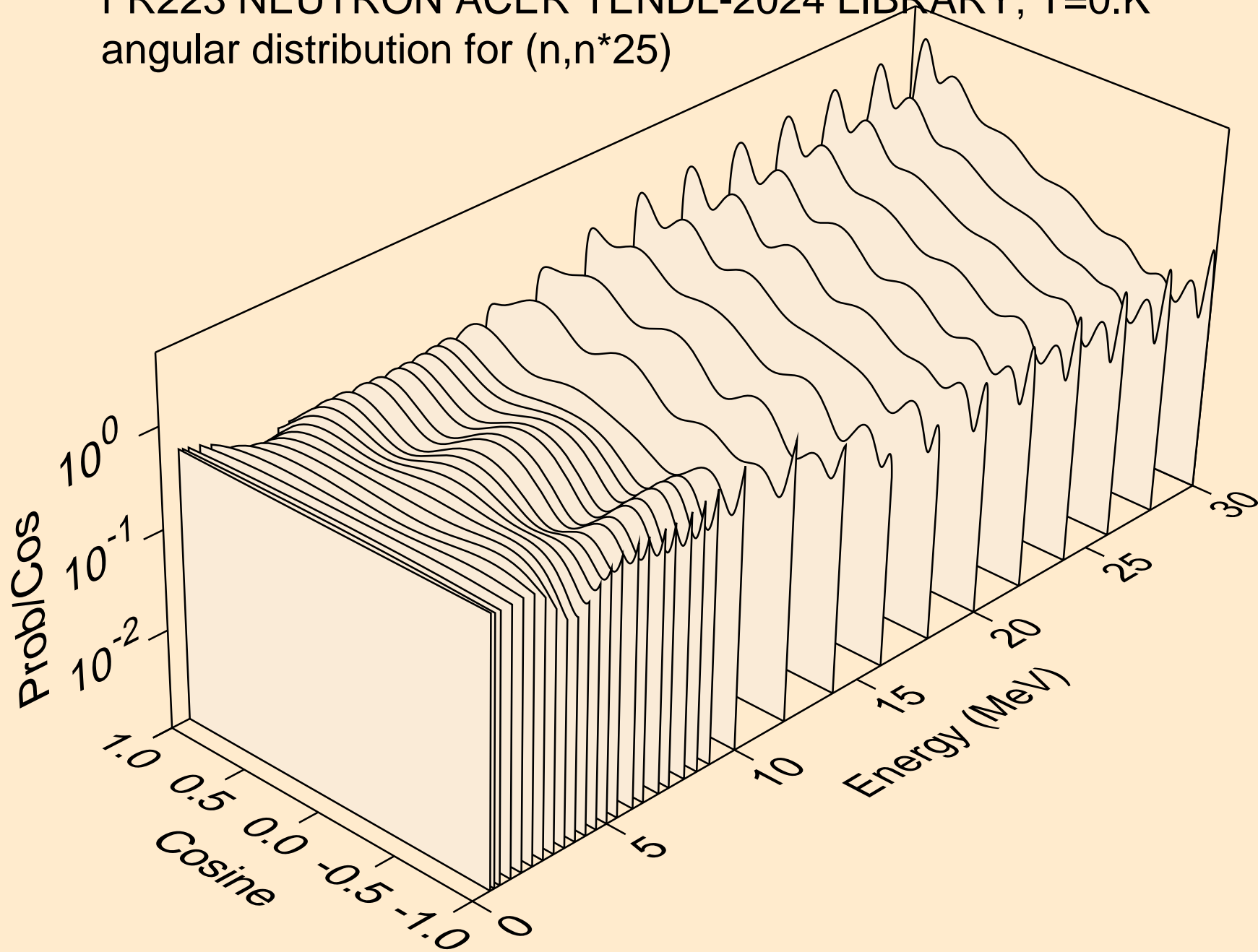
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



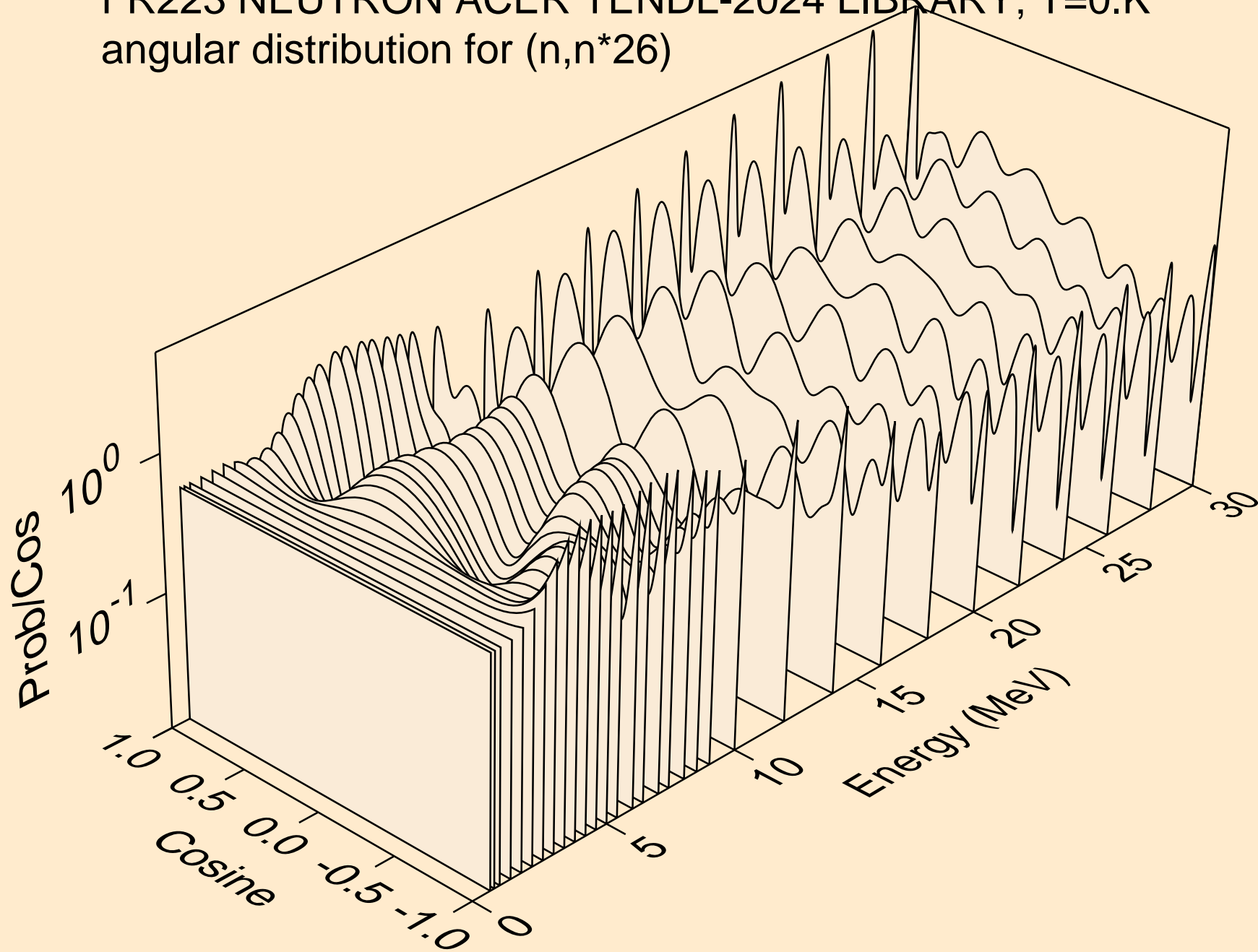
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



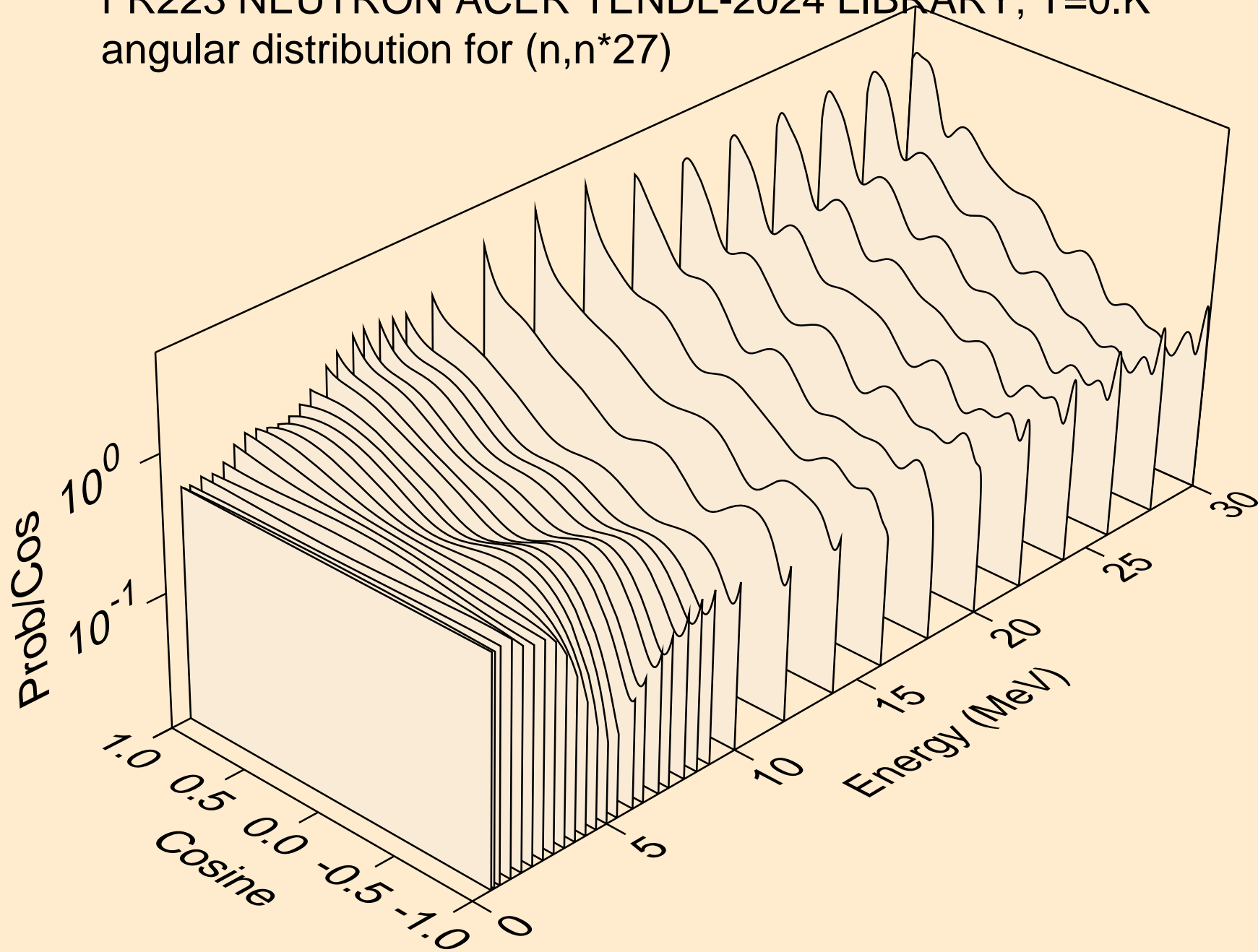
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



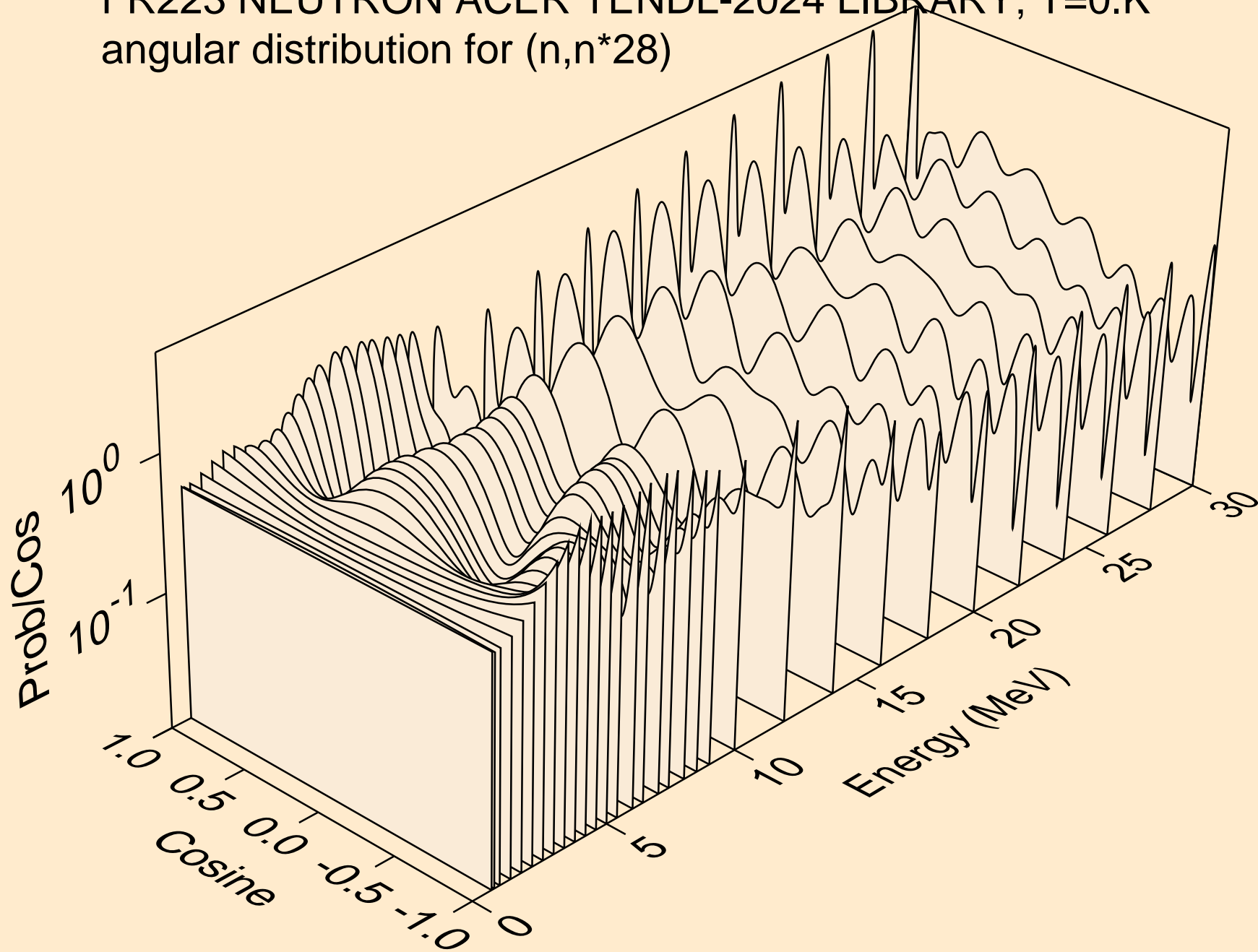
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



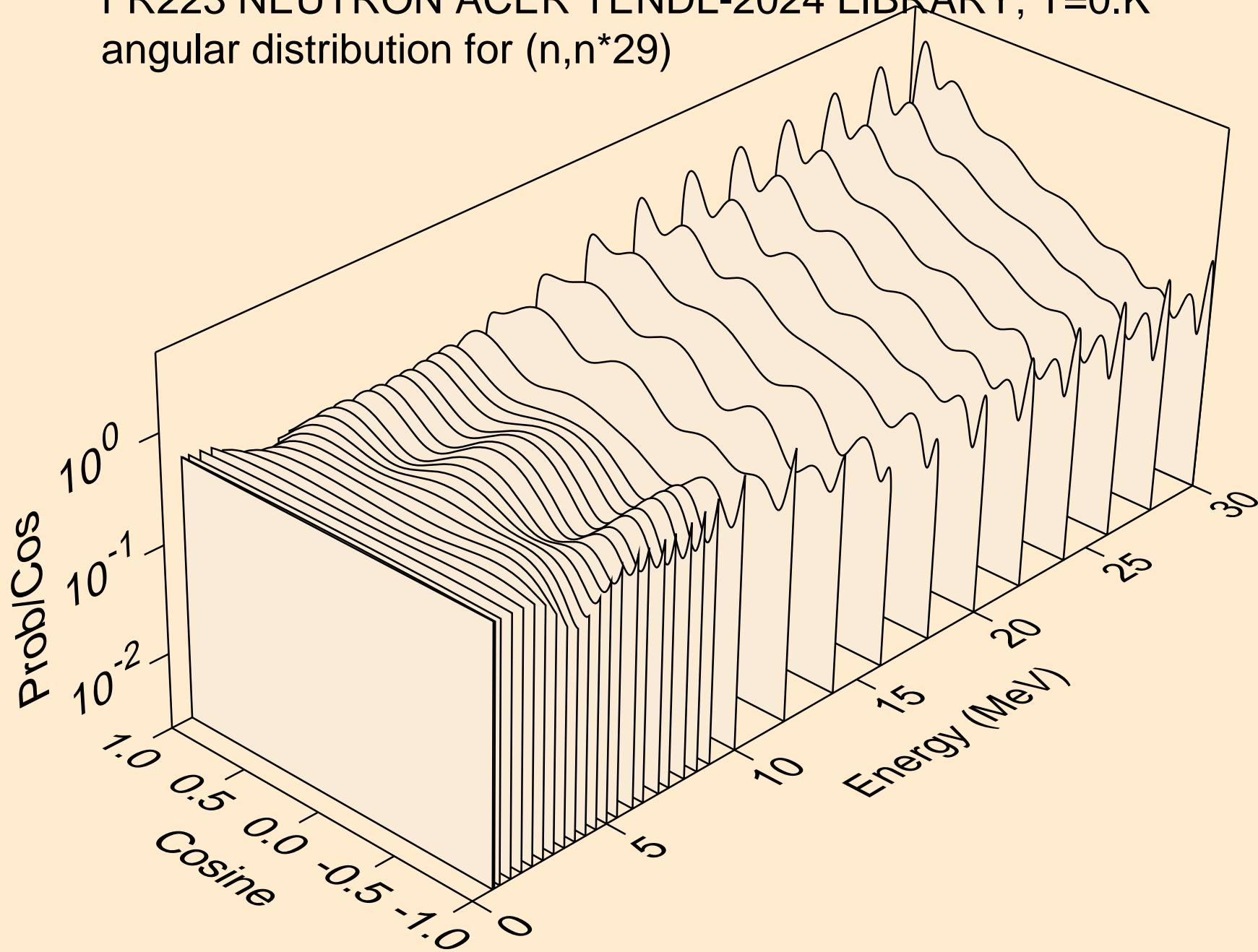
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



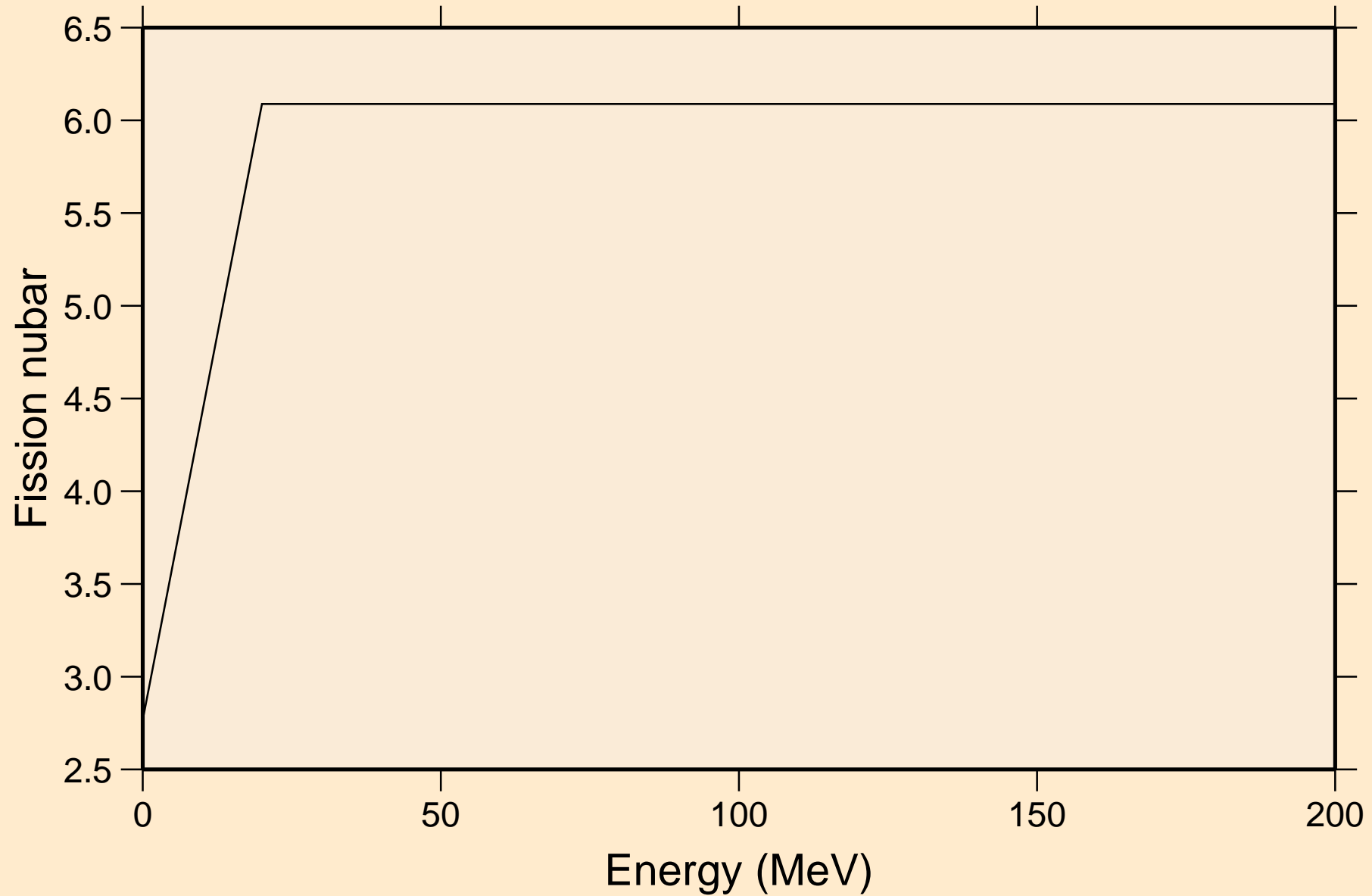
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



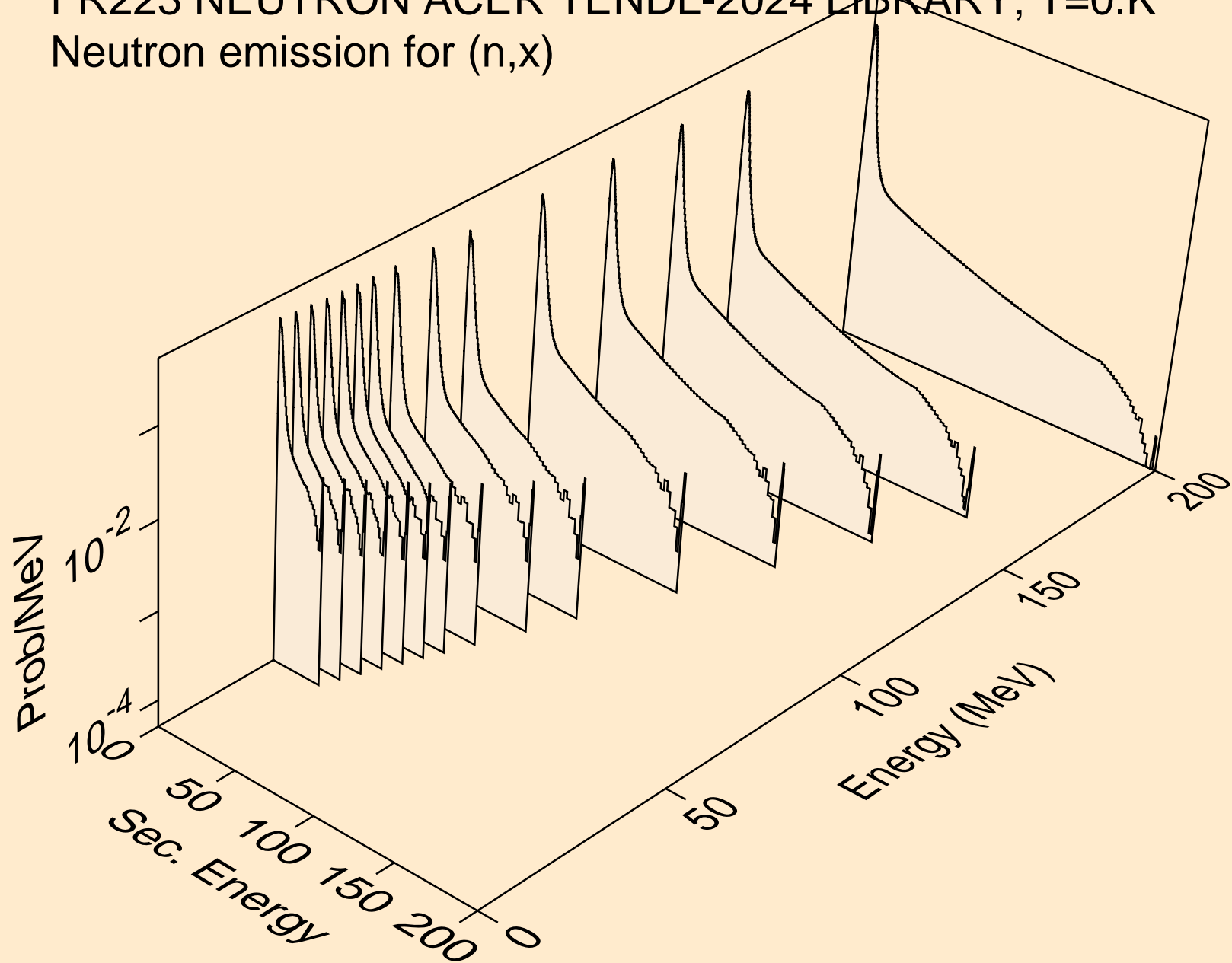
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



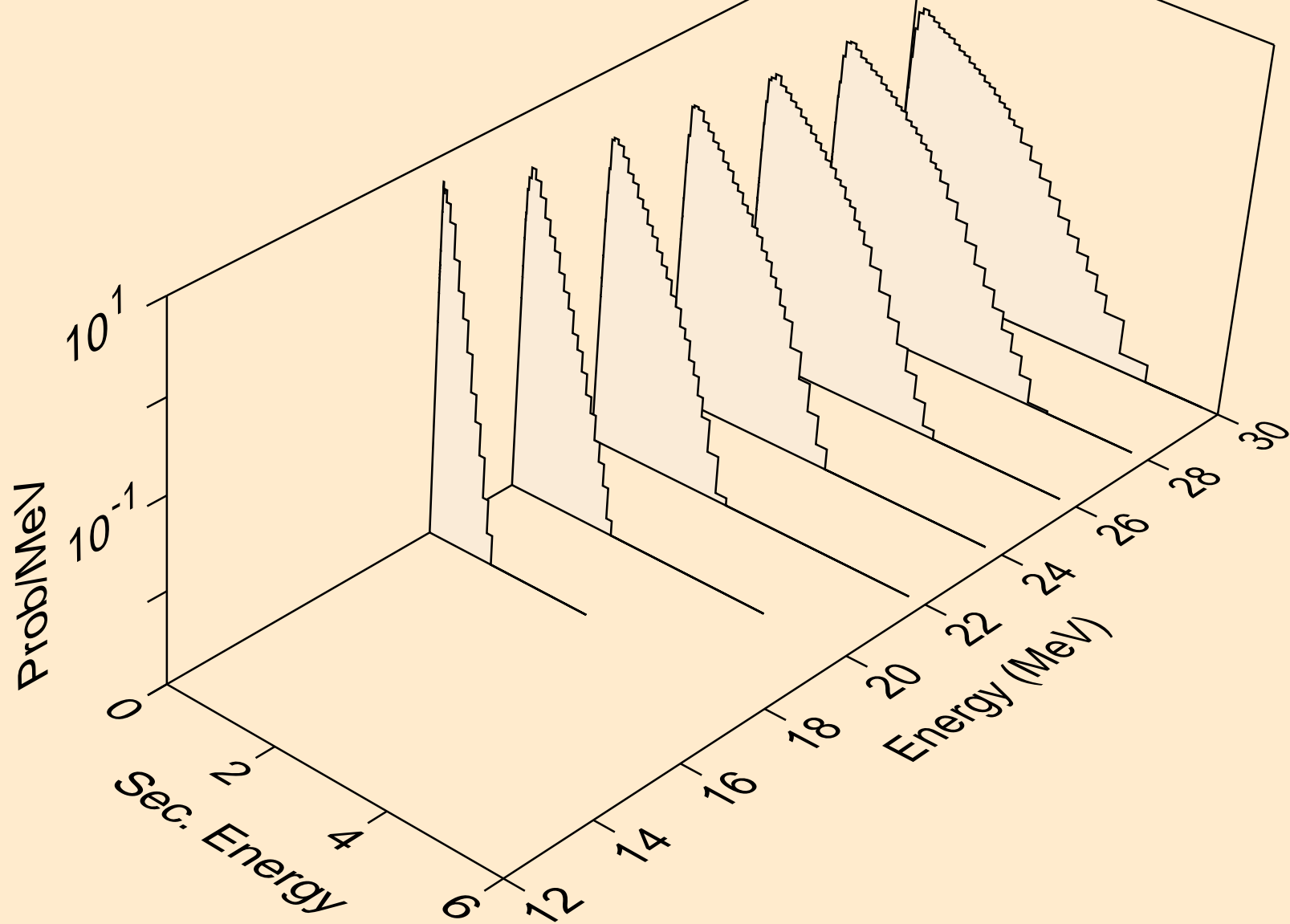
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Total fission nubar



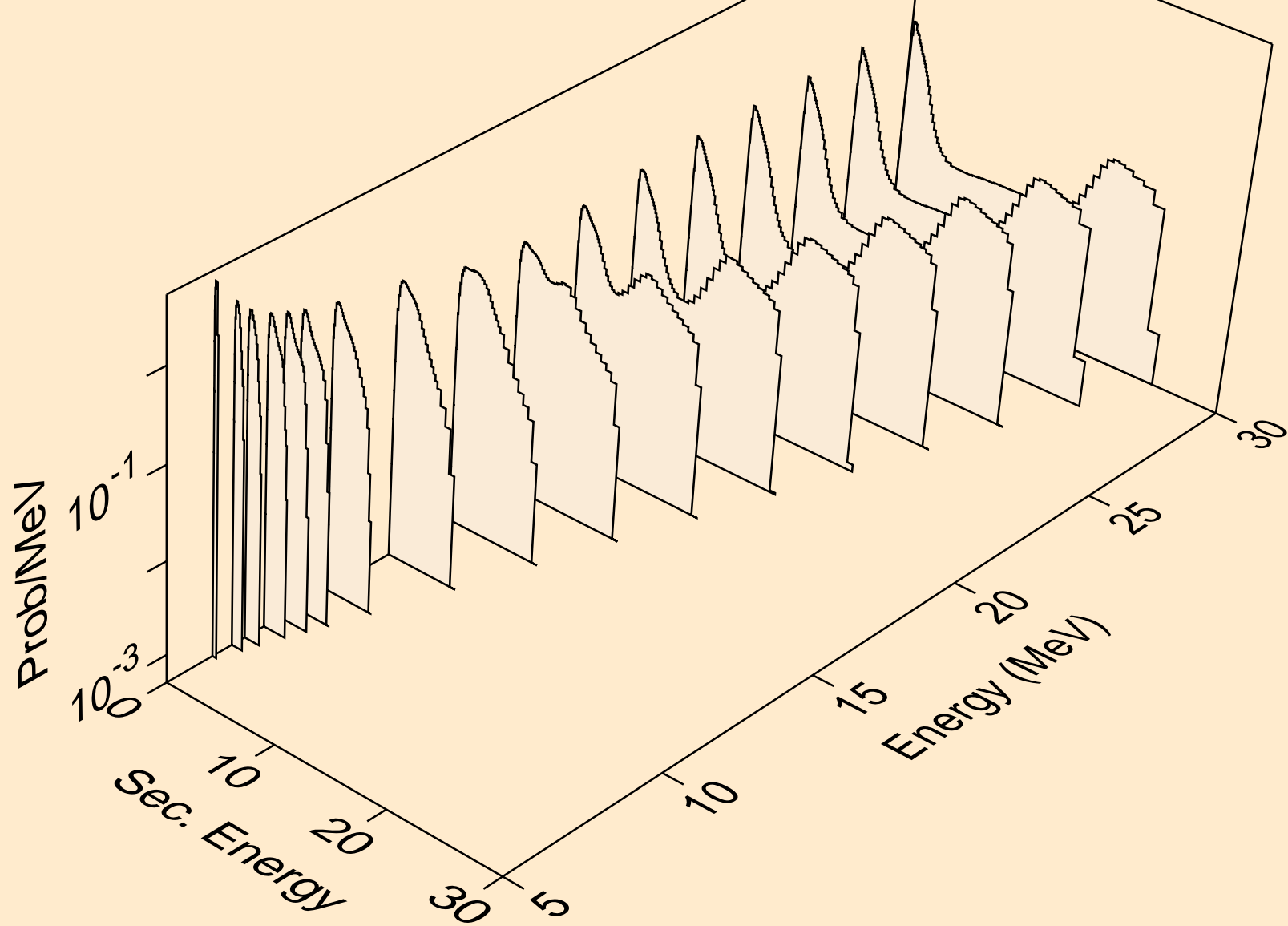
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



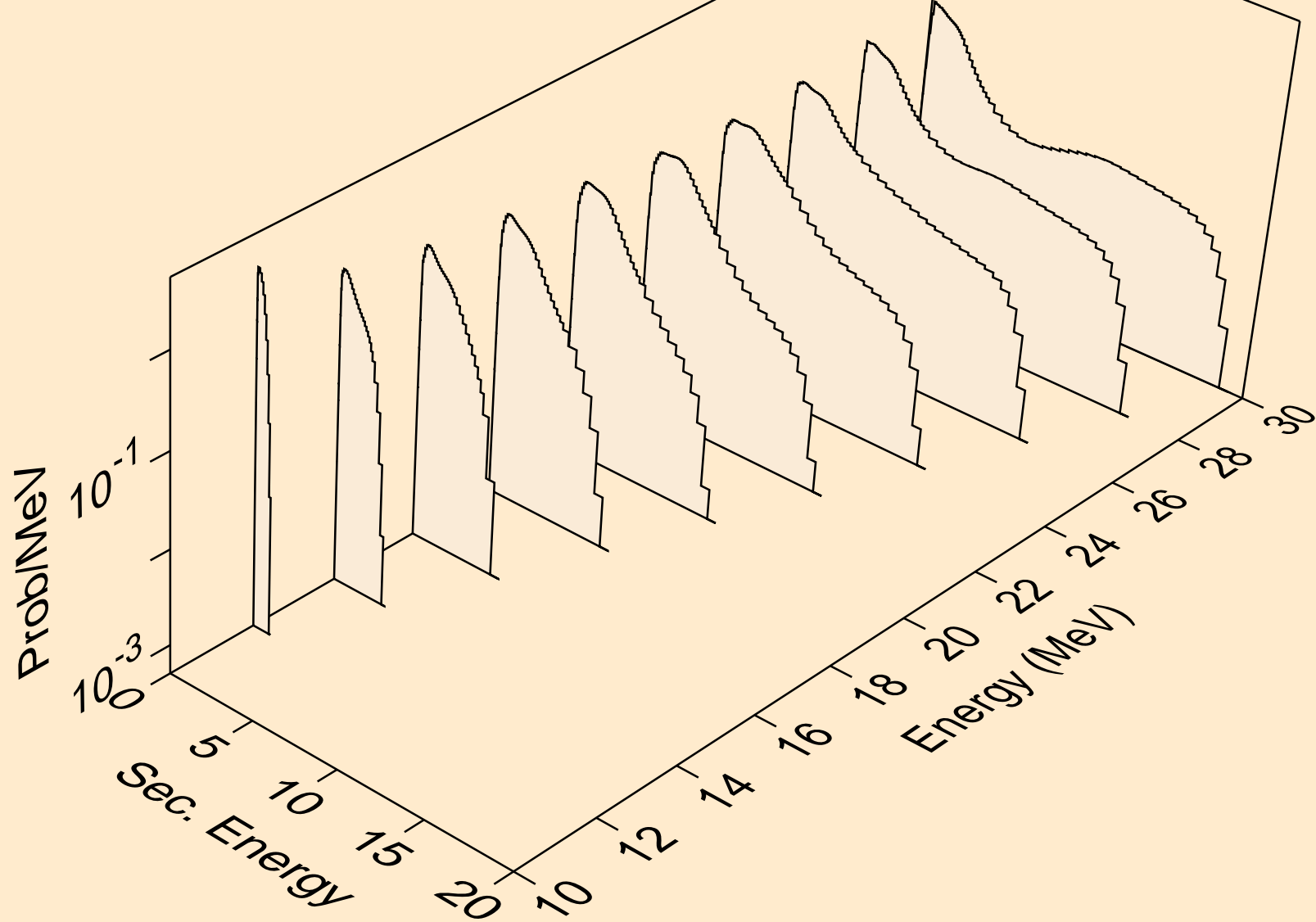
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



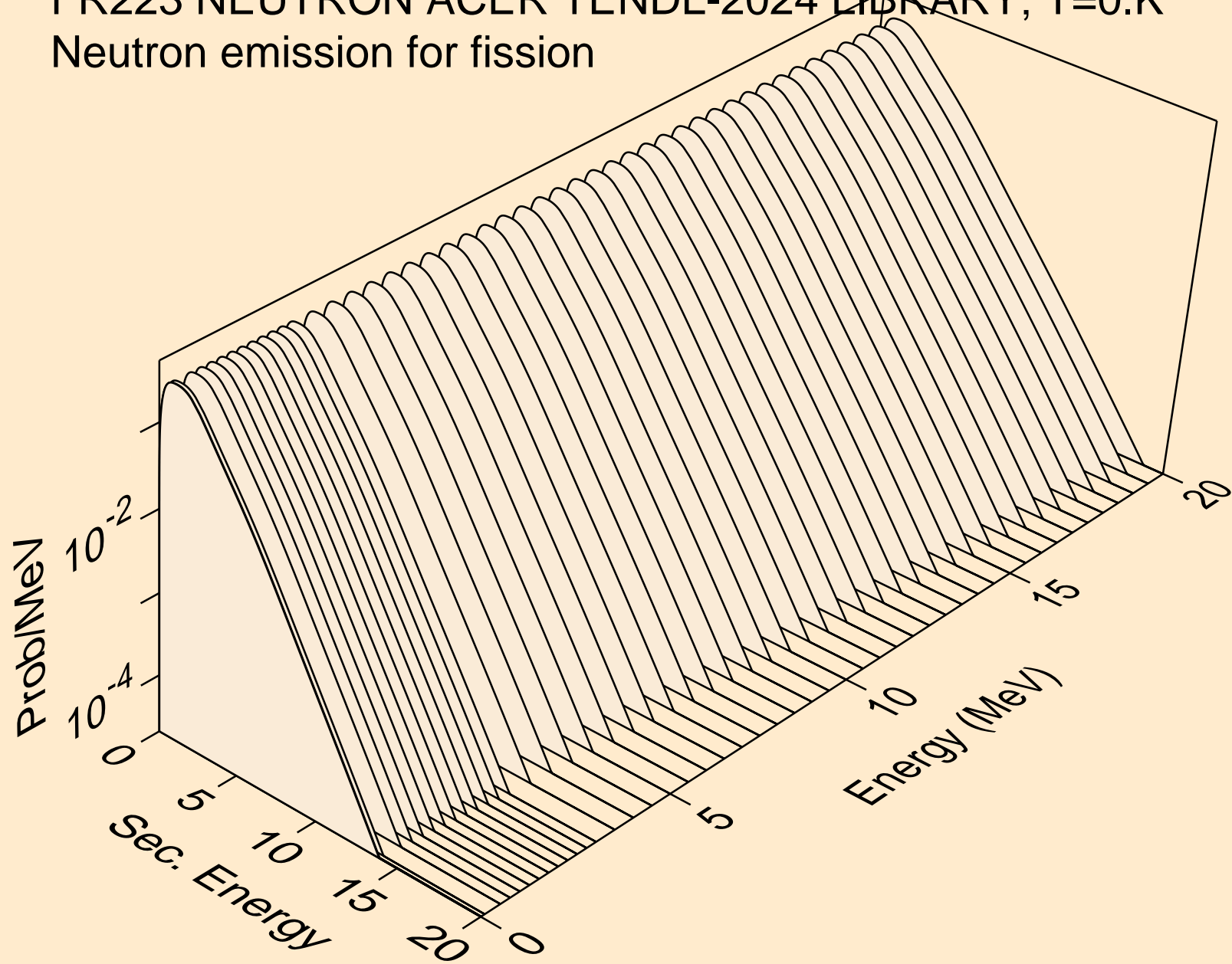
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



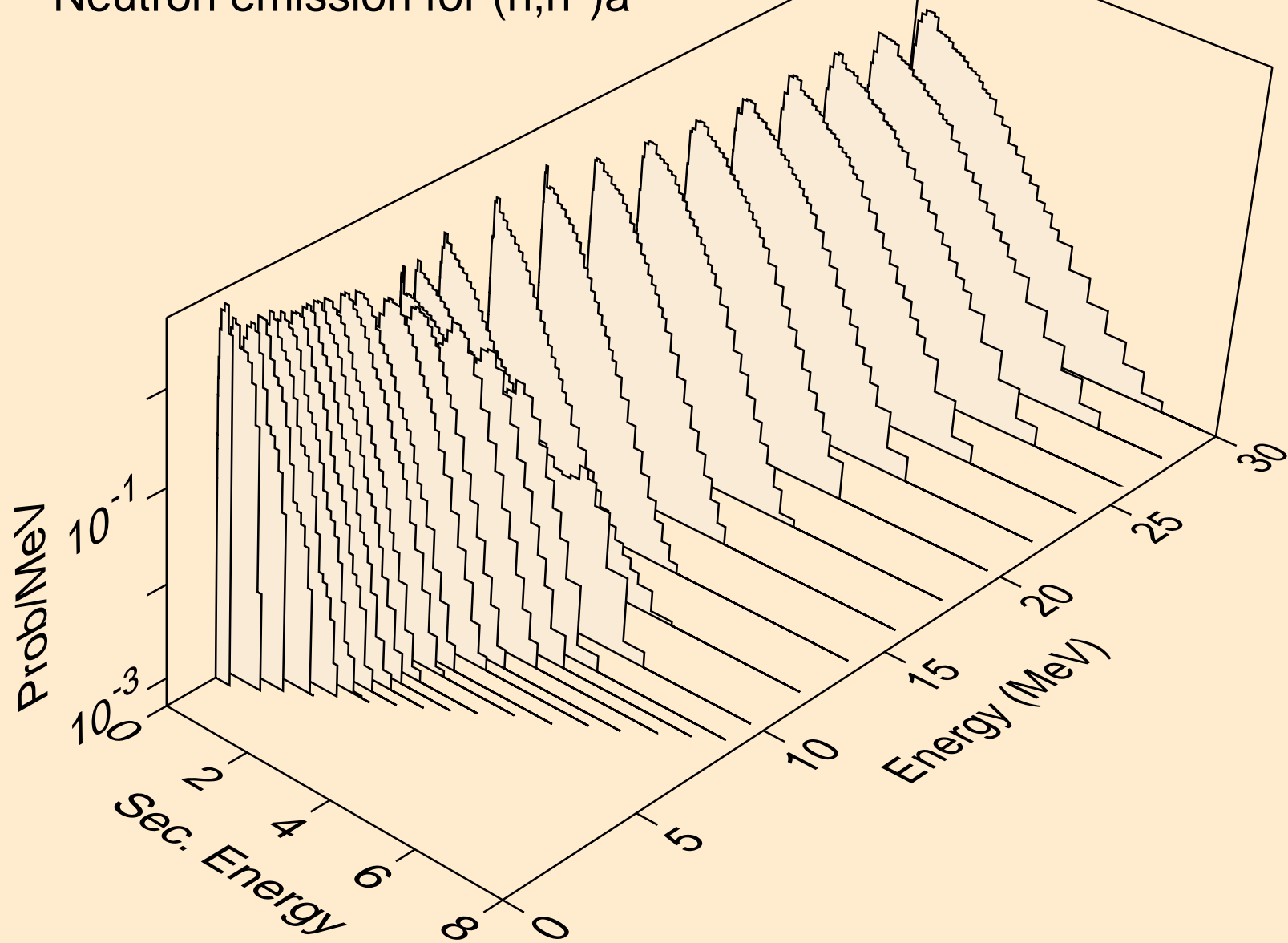
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



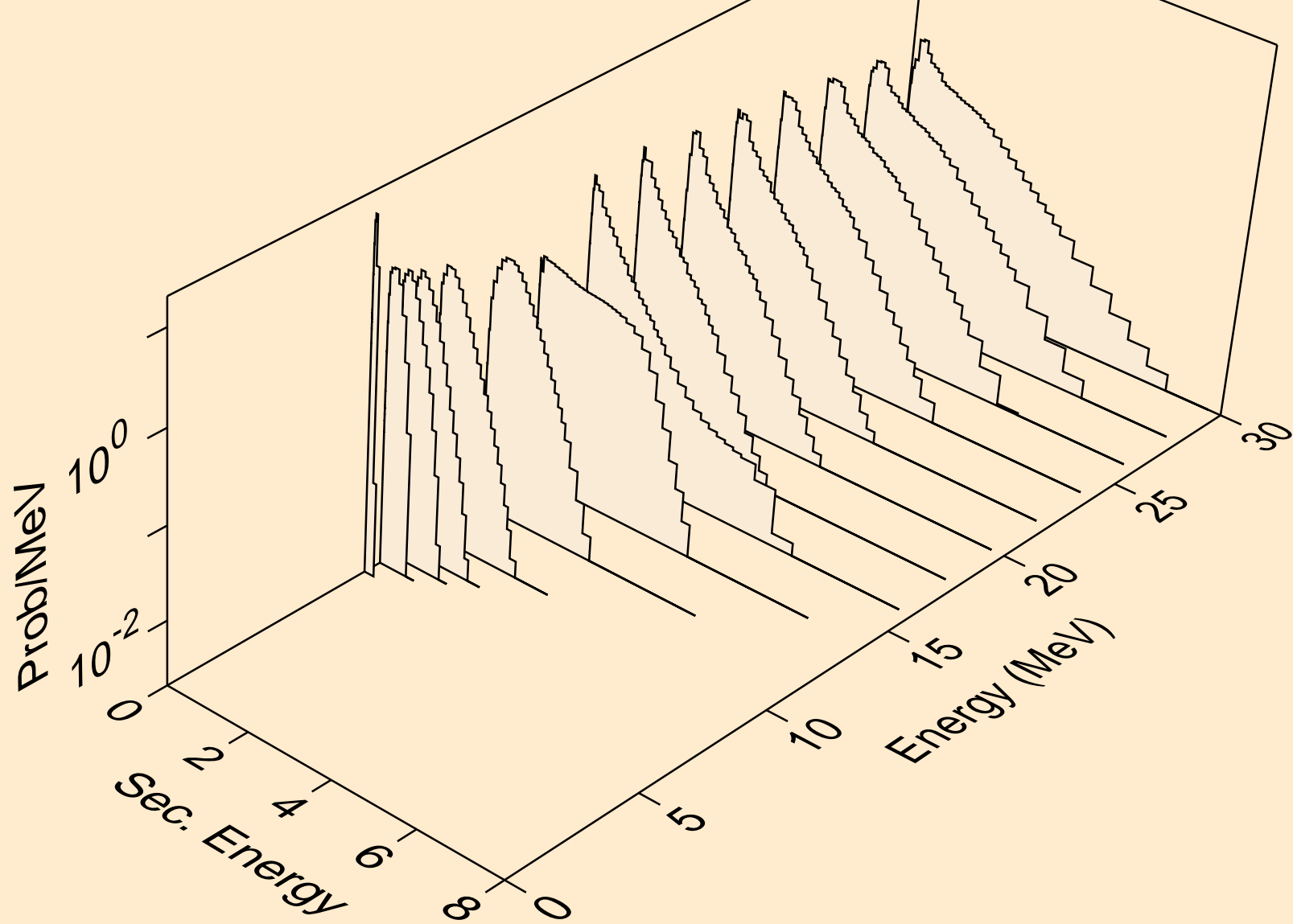
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



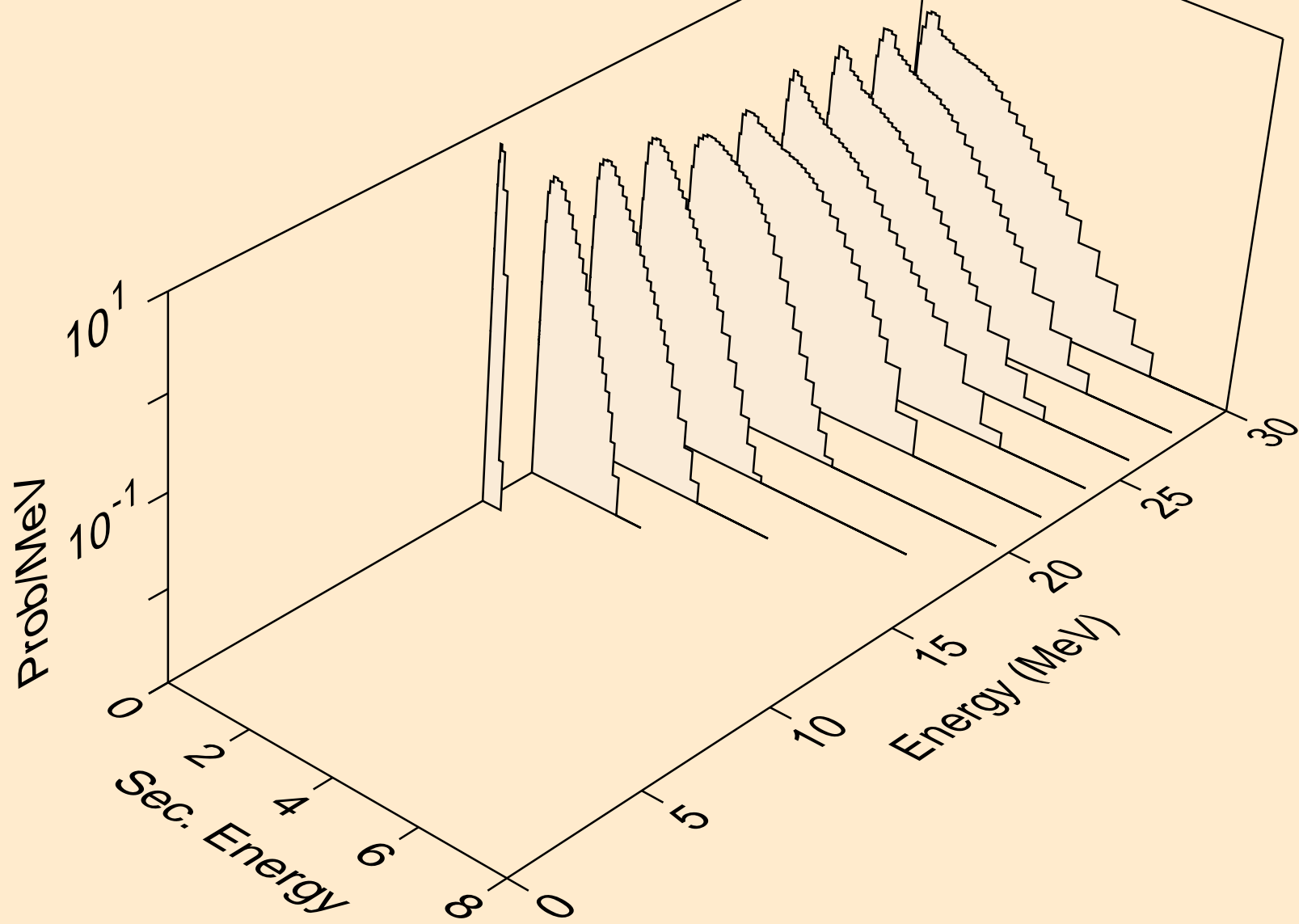
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



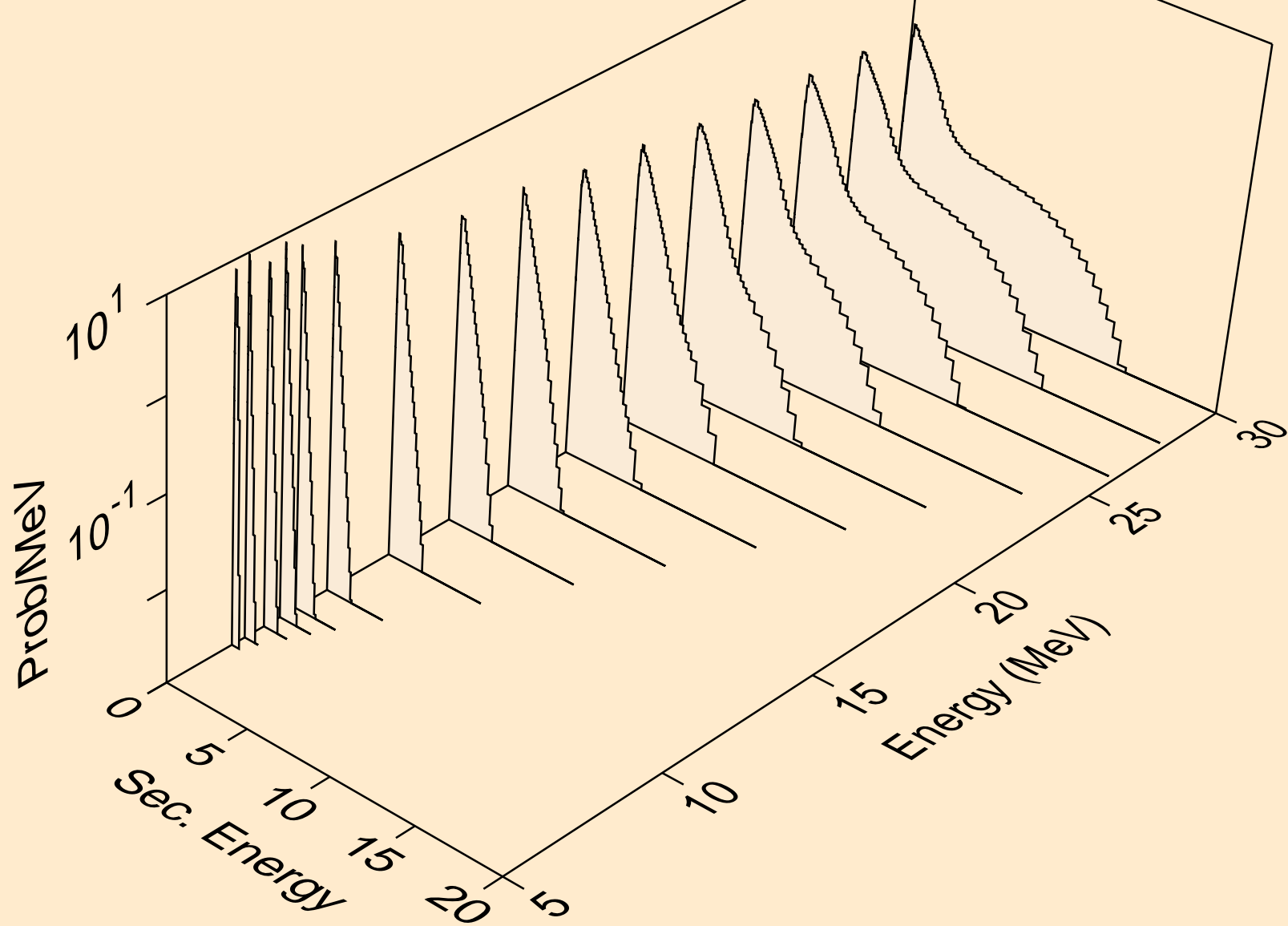
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



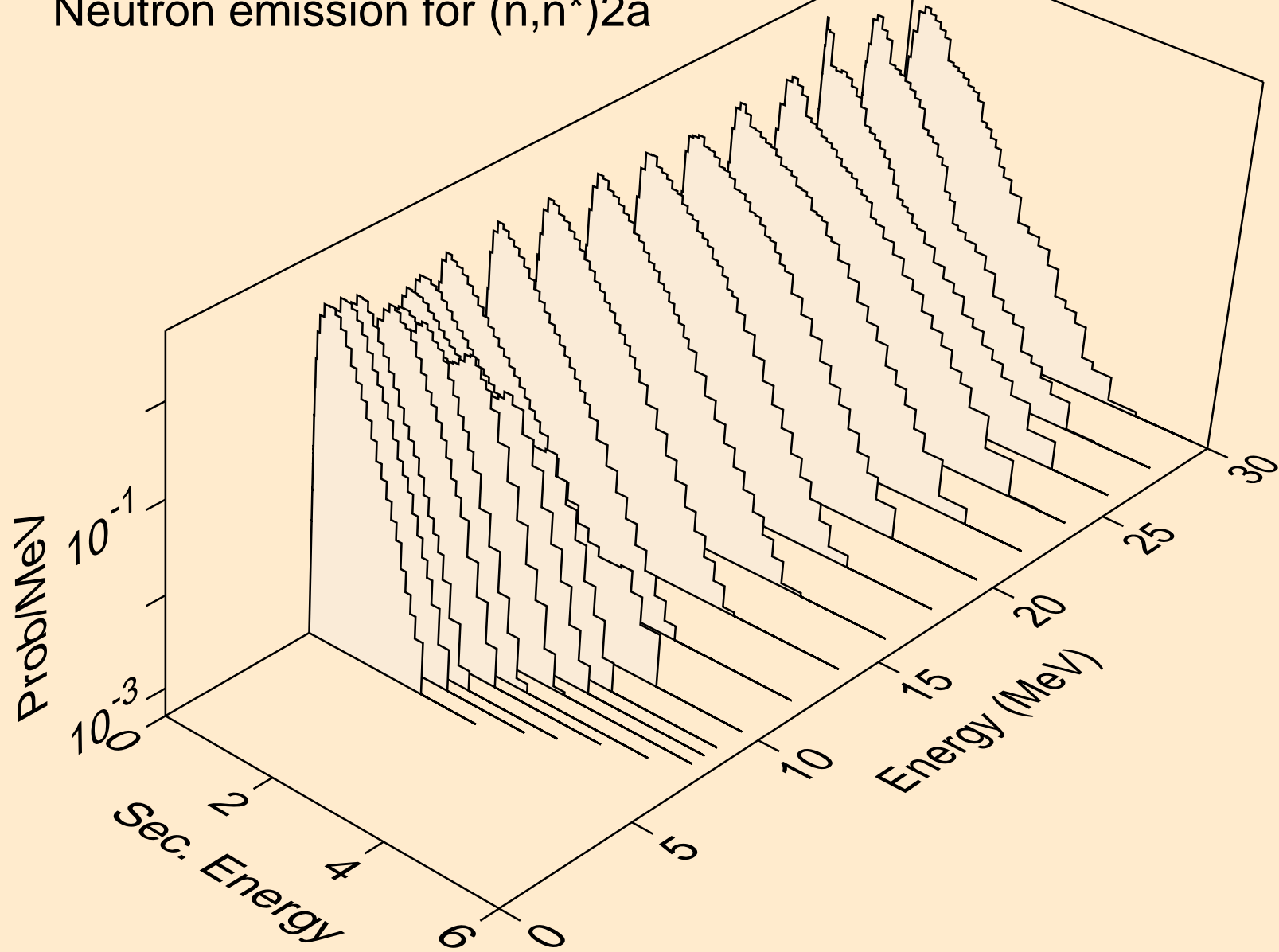
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



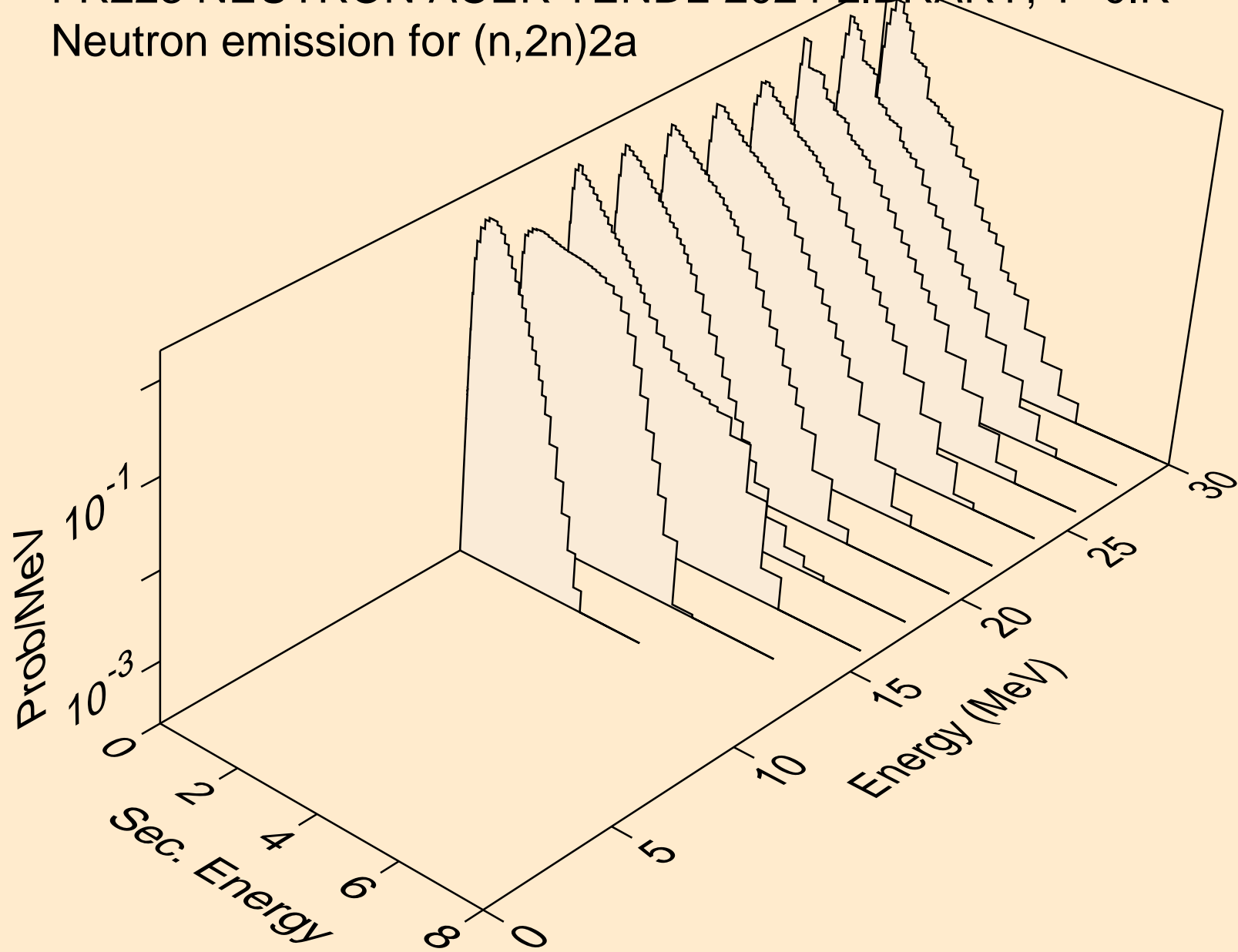
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



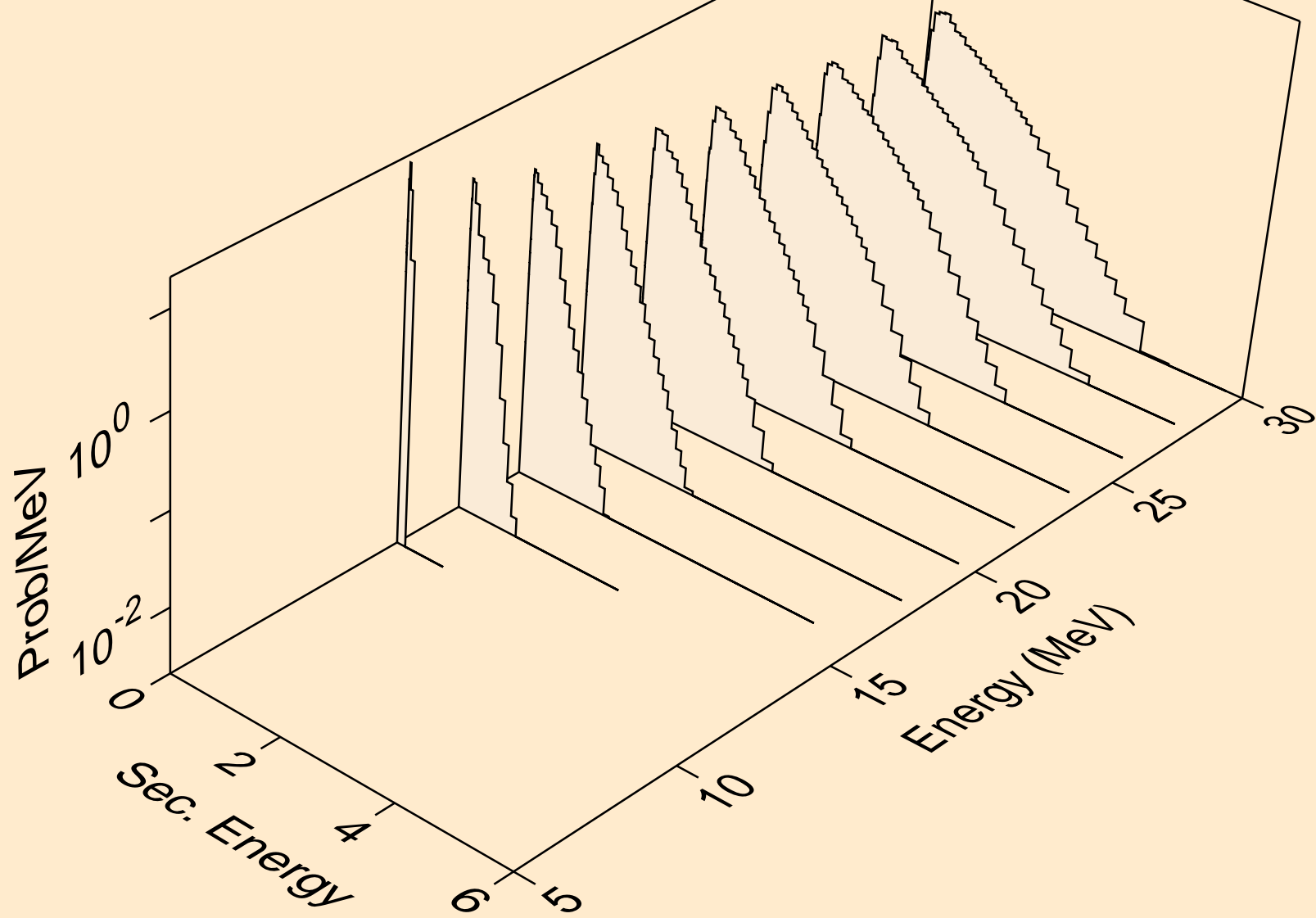
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



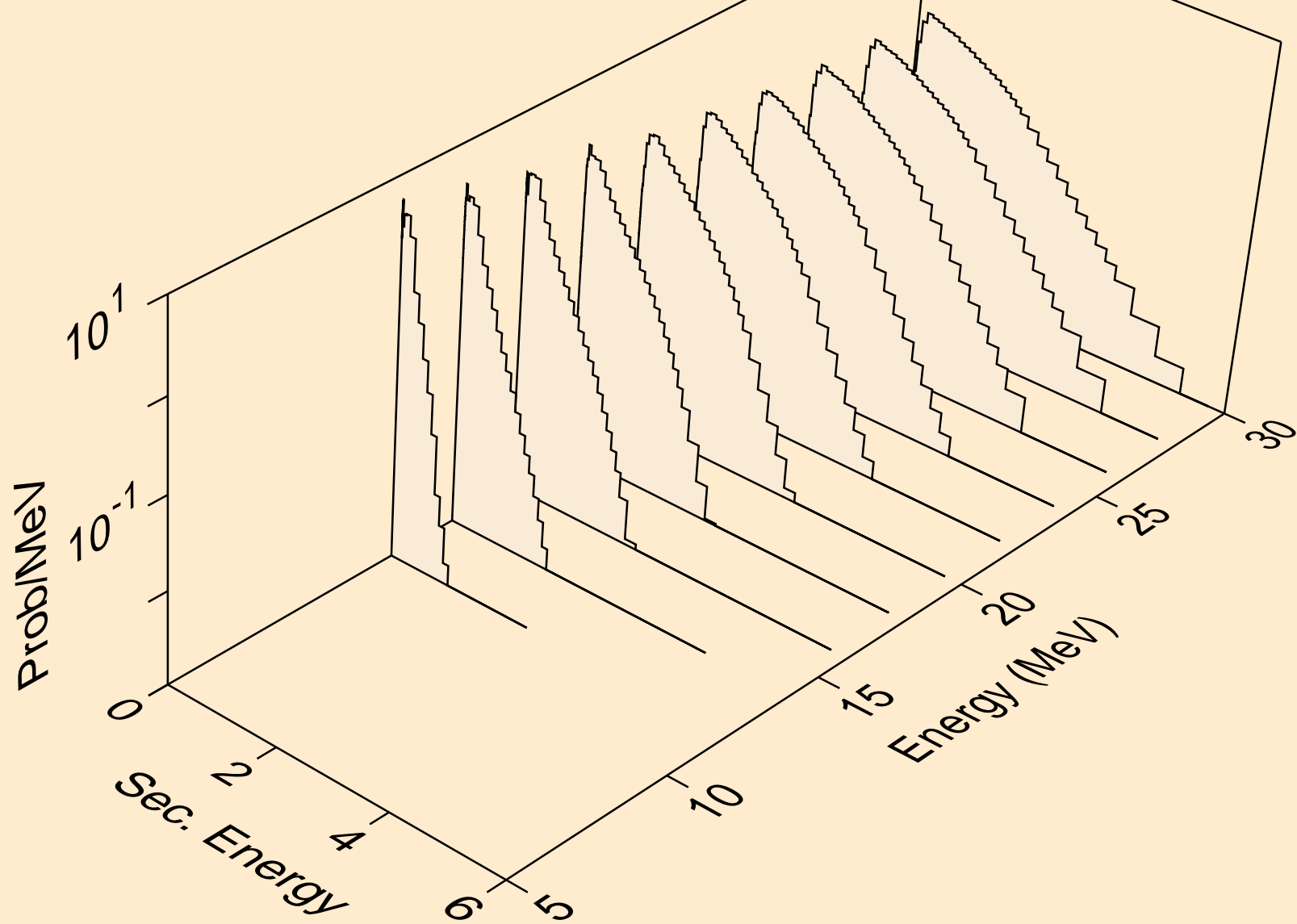
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



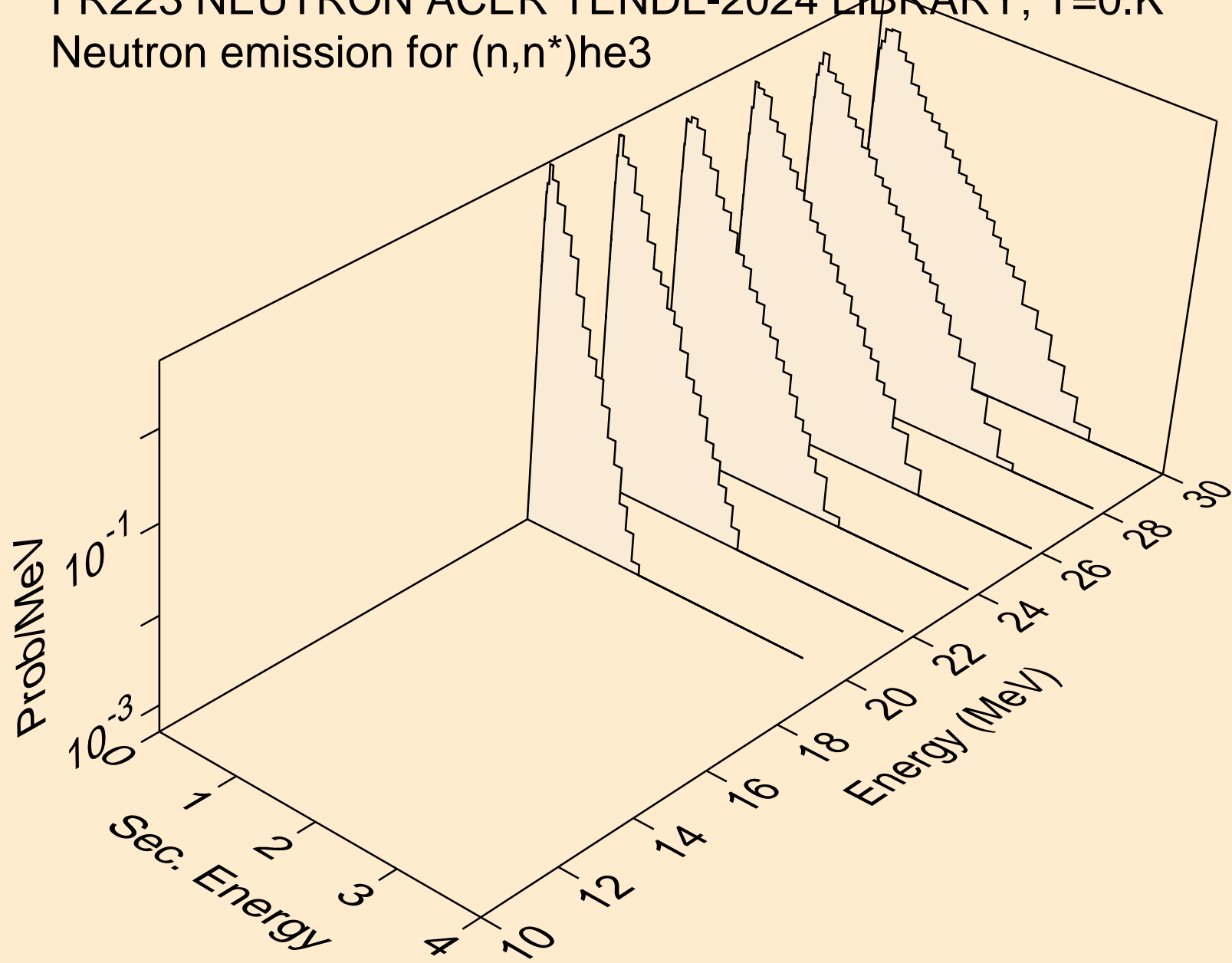
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



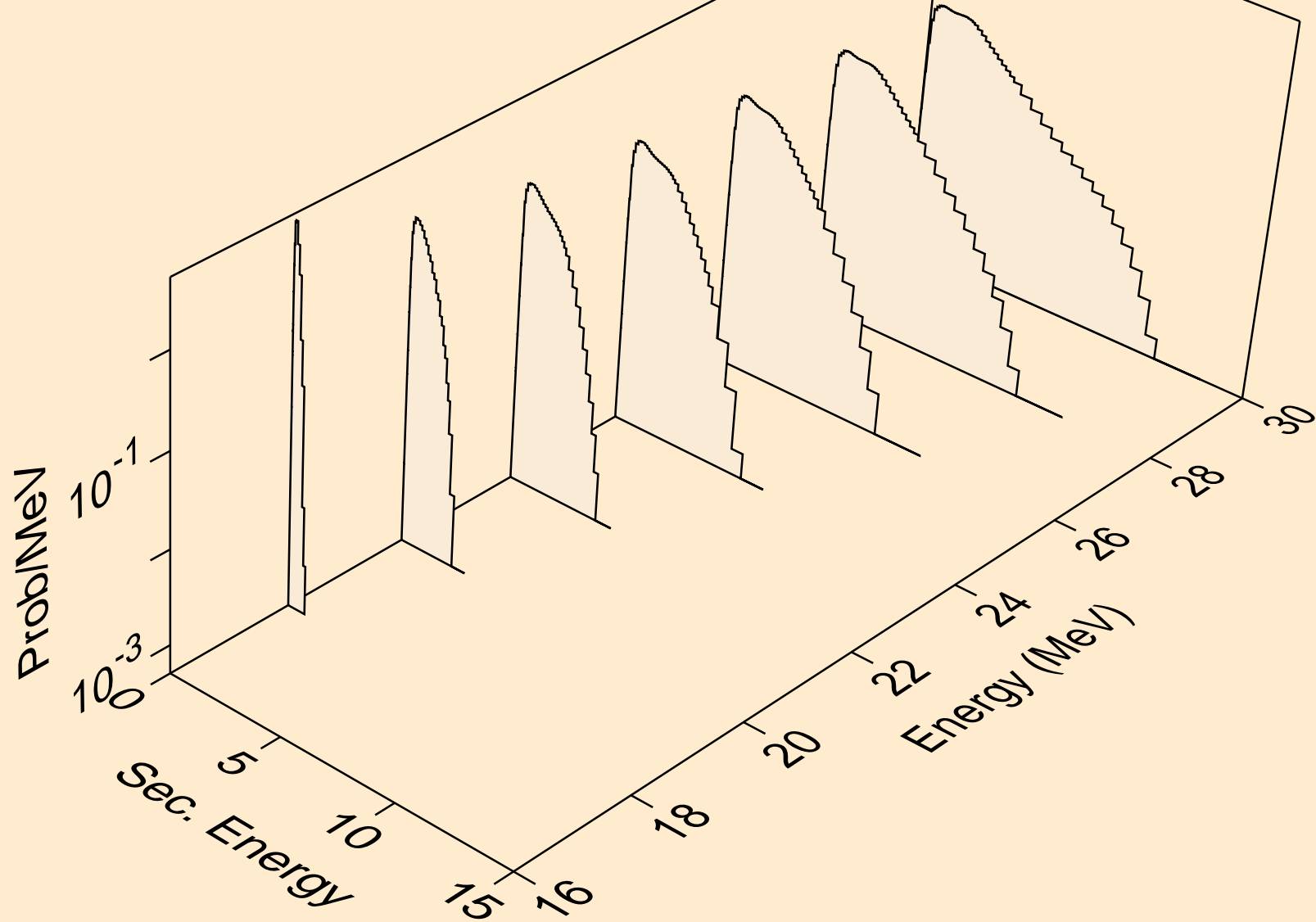
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



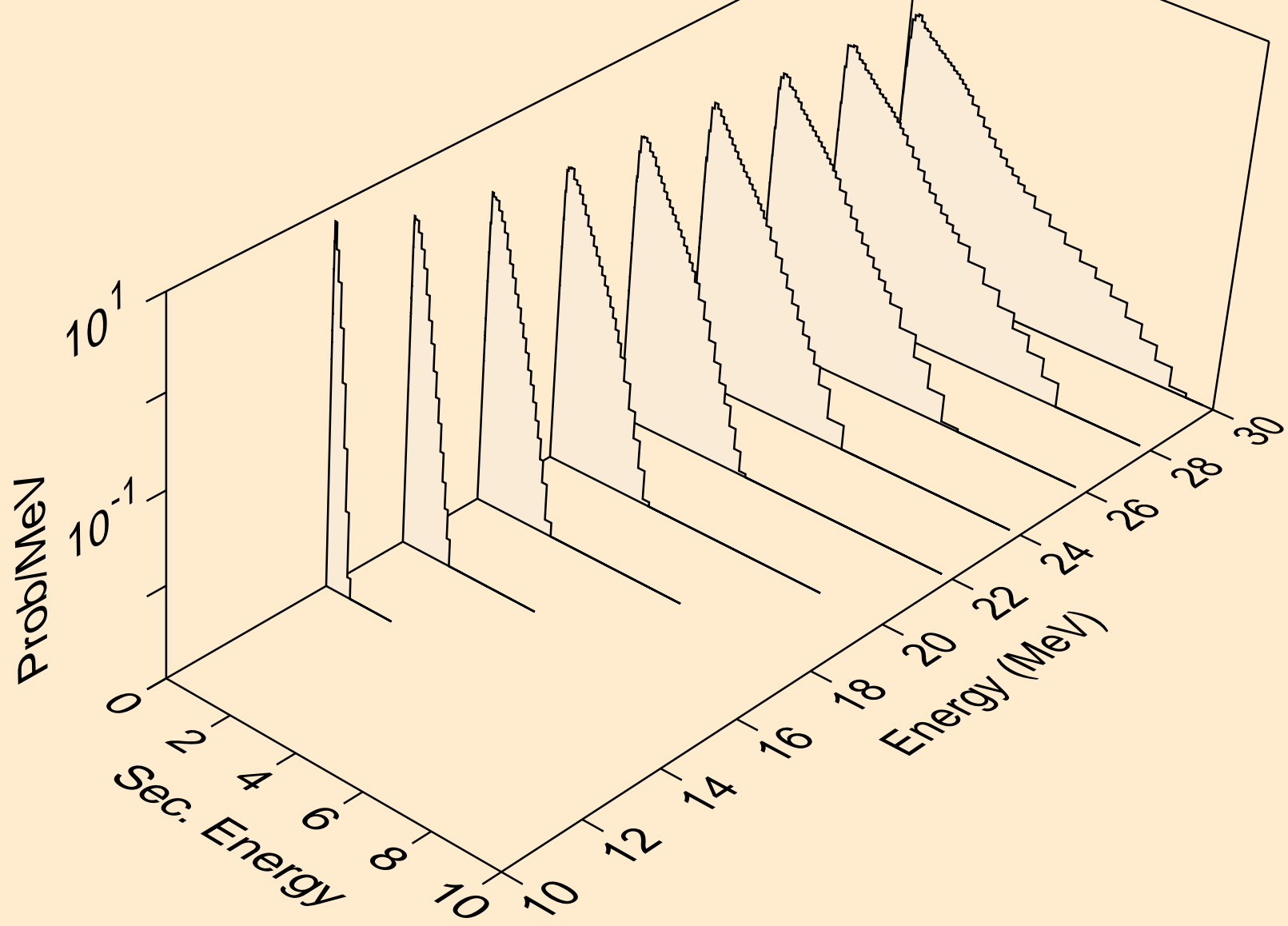
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



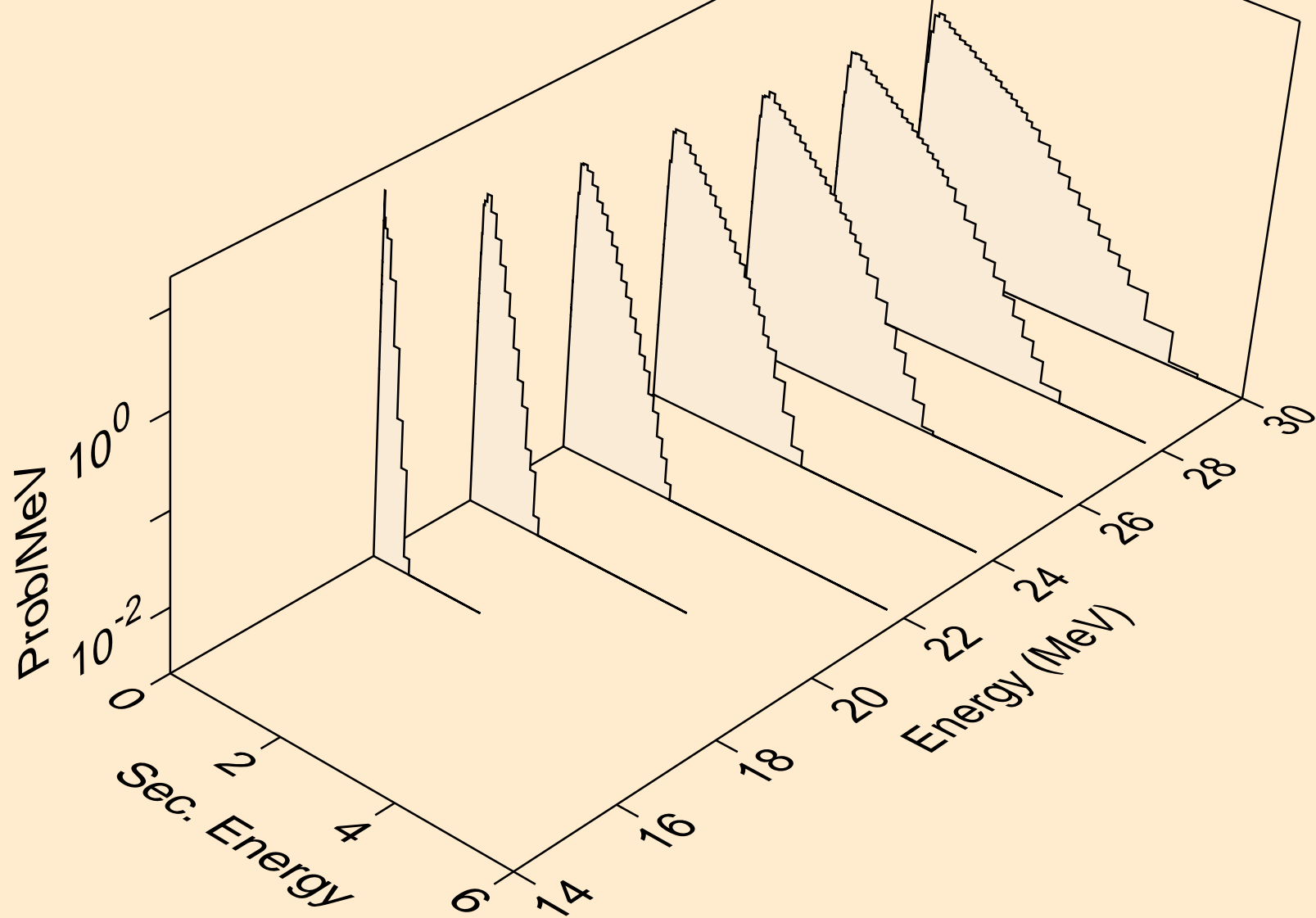
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



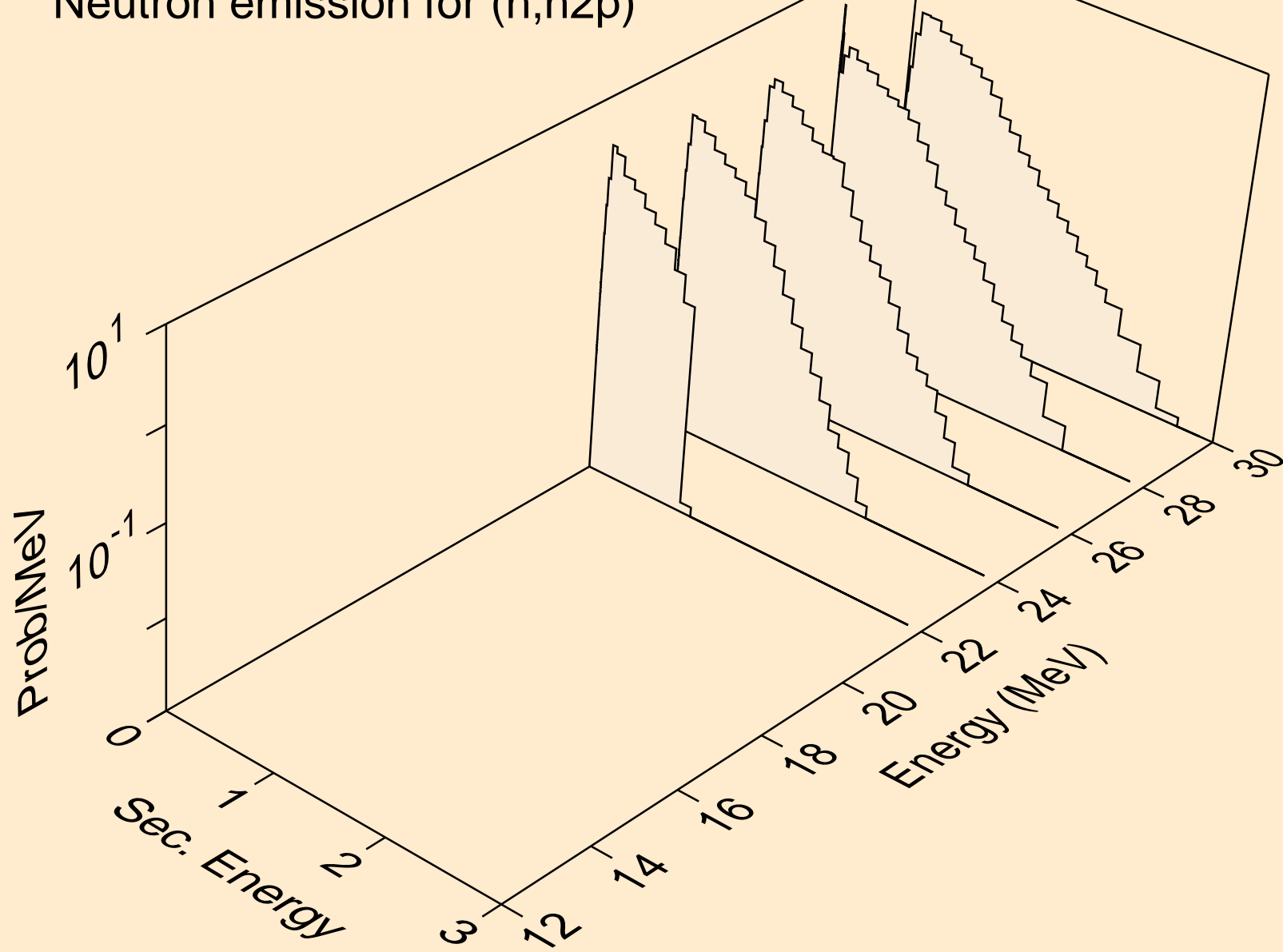
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



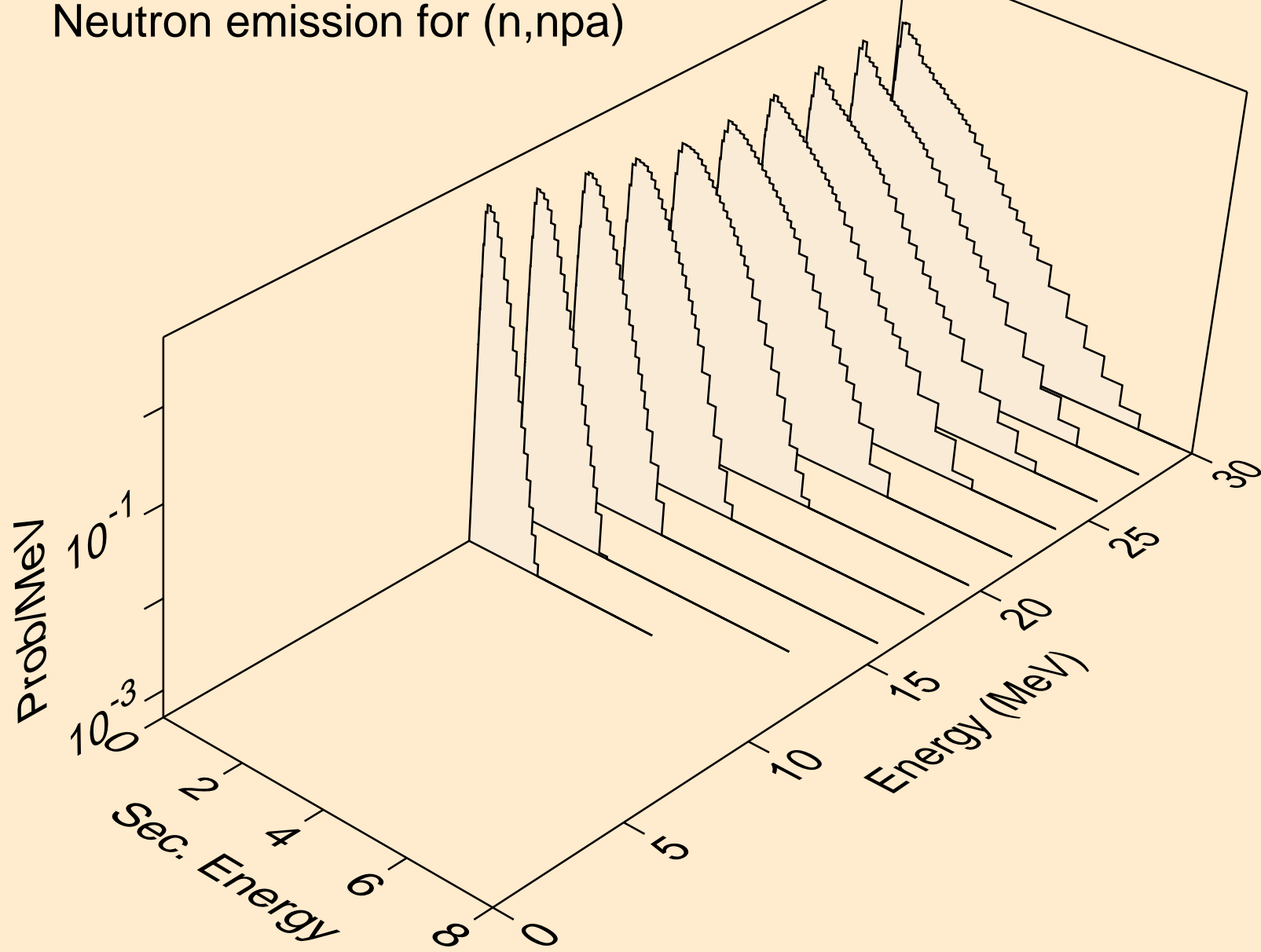
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



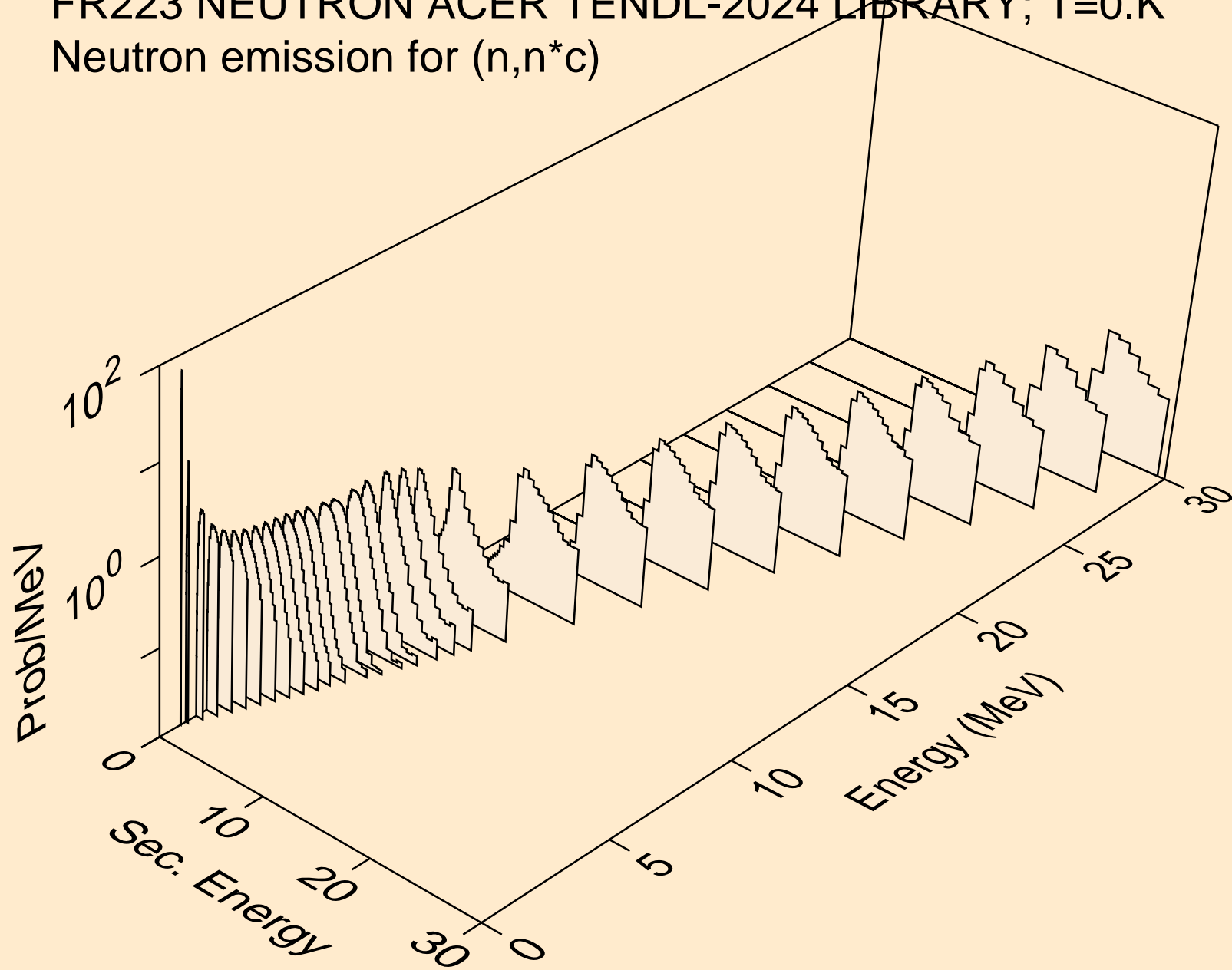
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

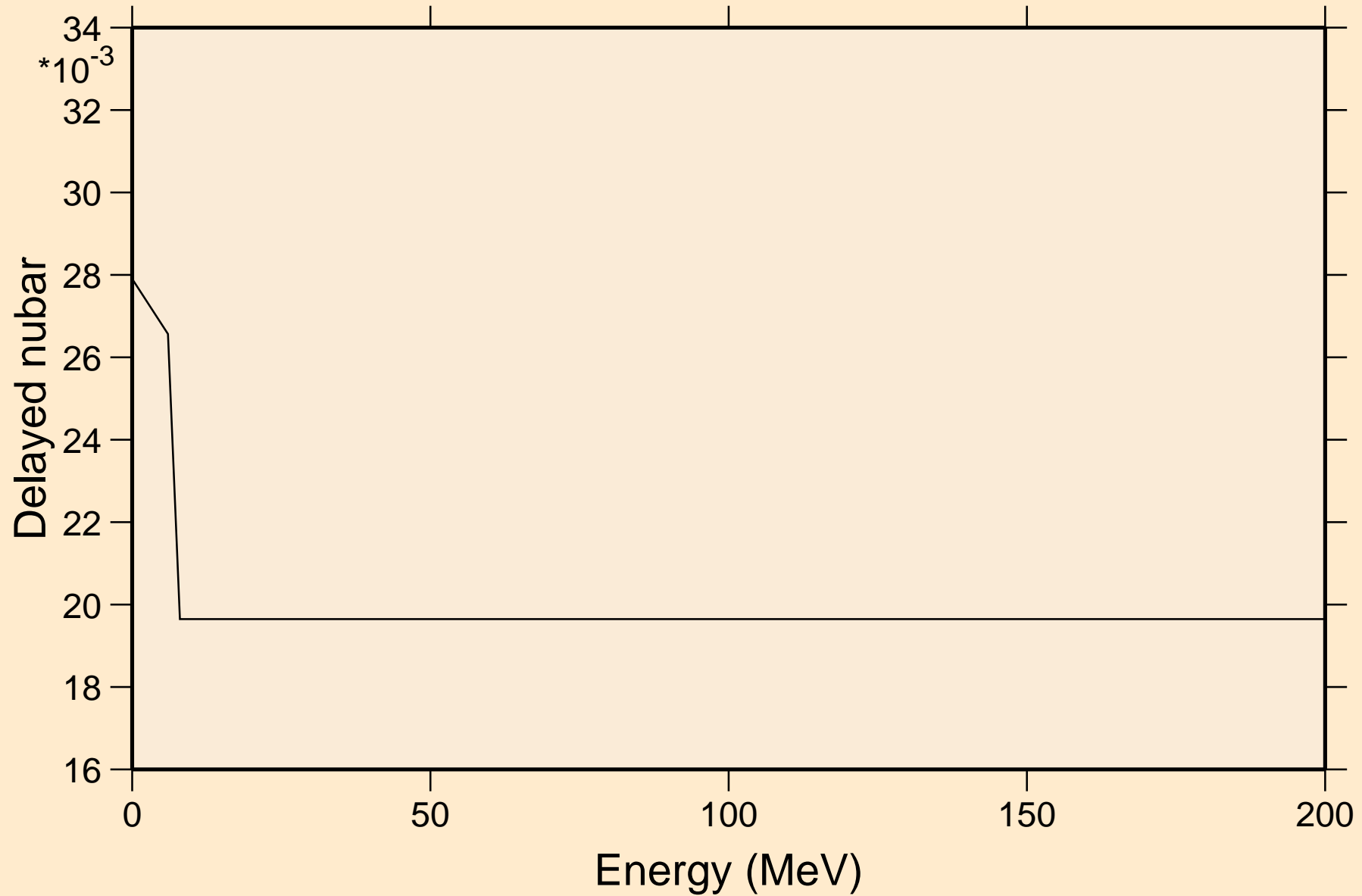


FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



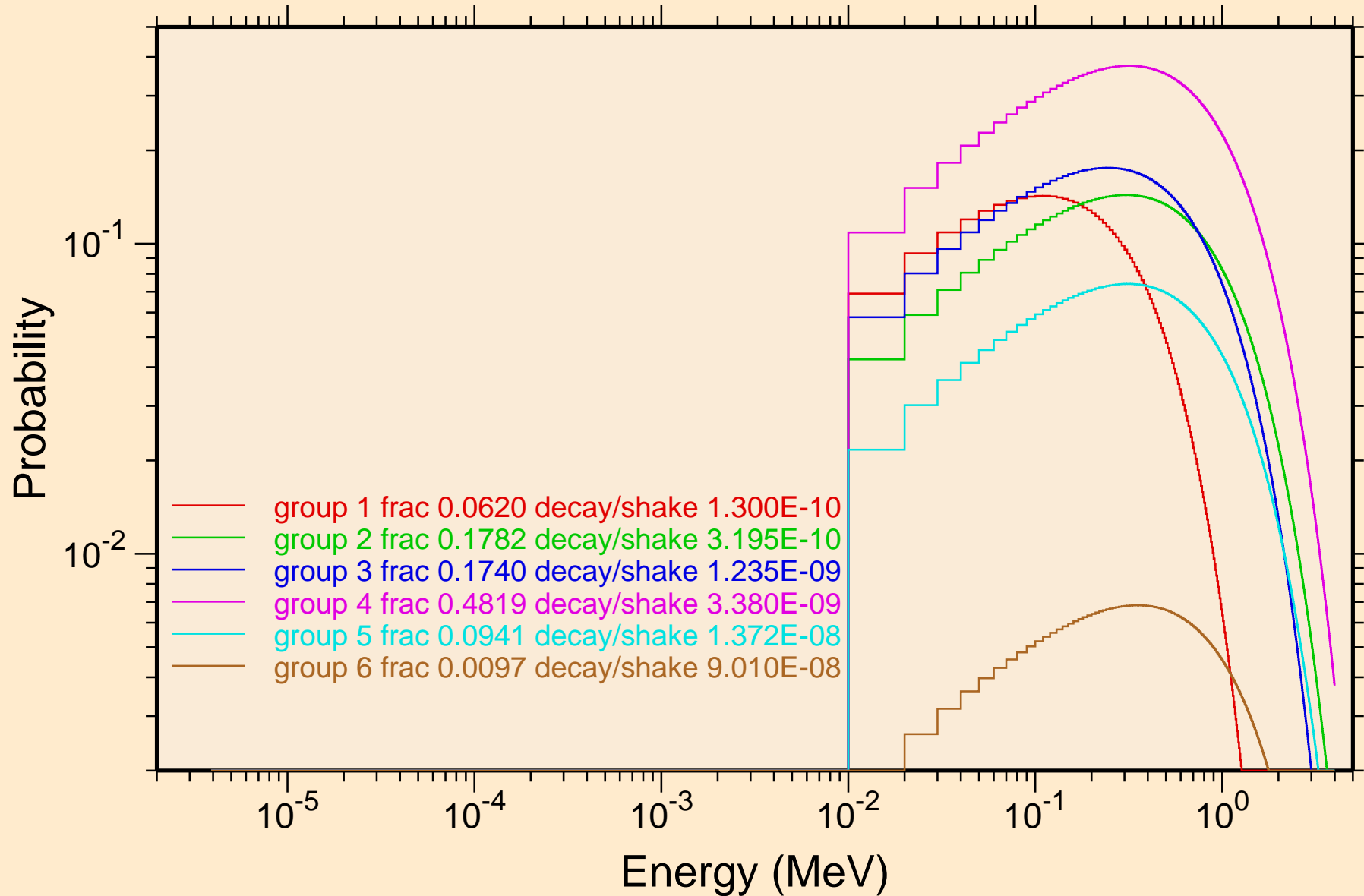
# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

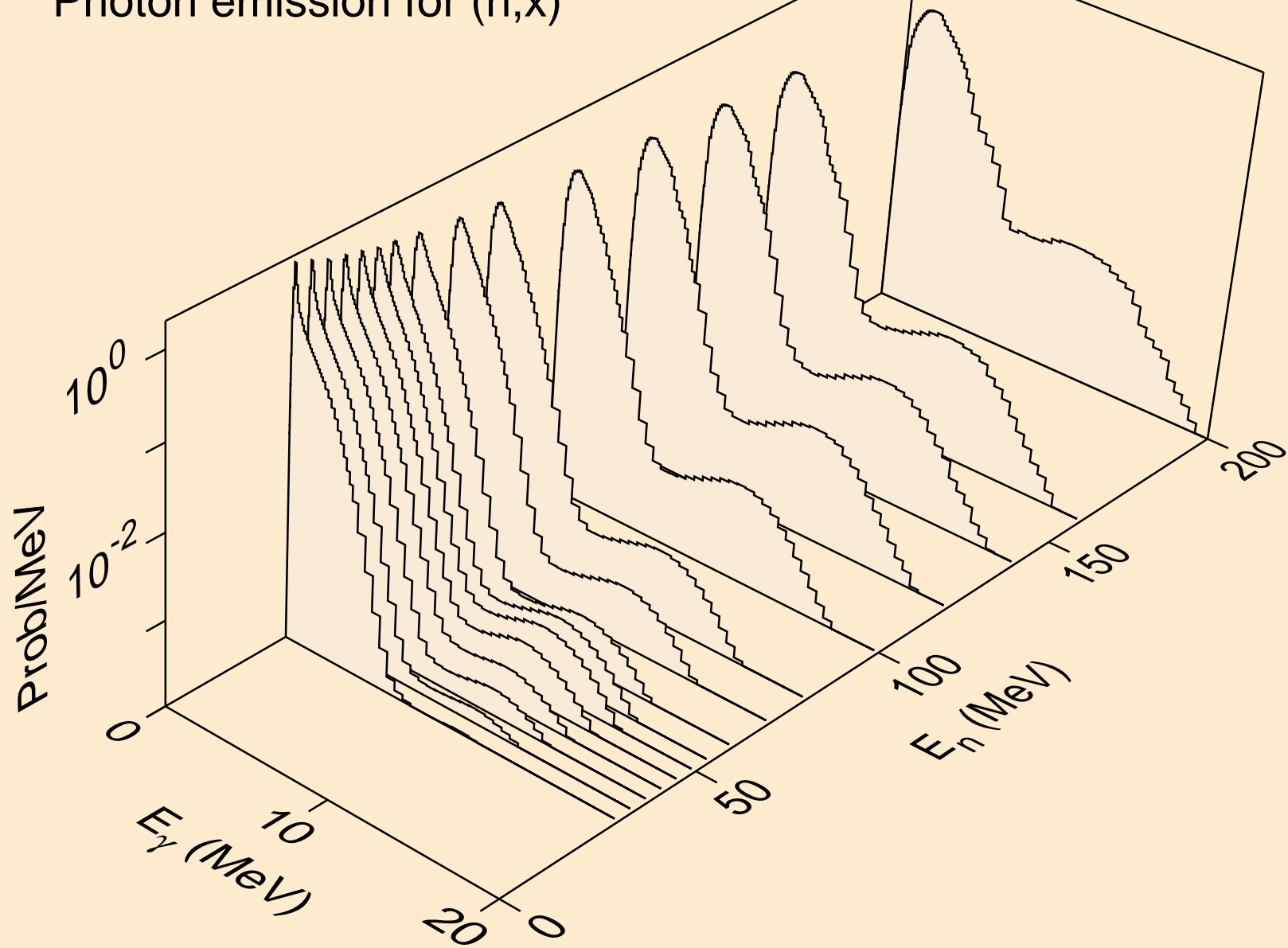


# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

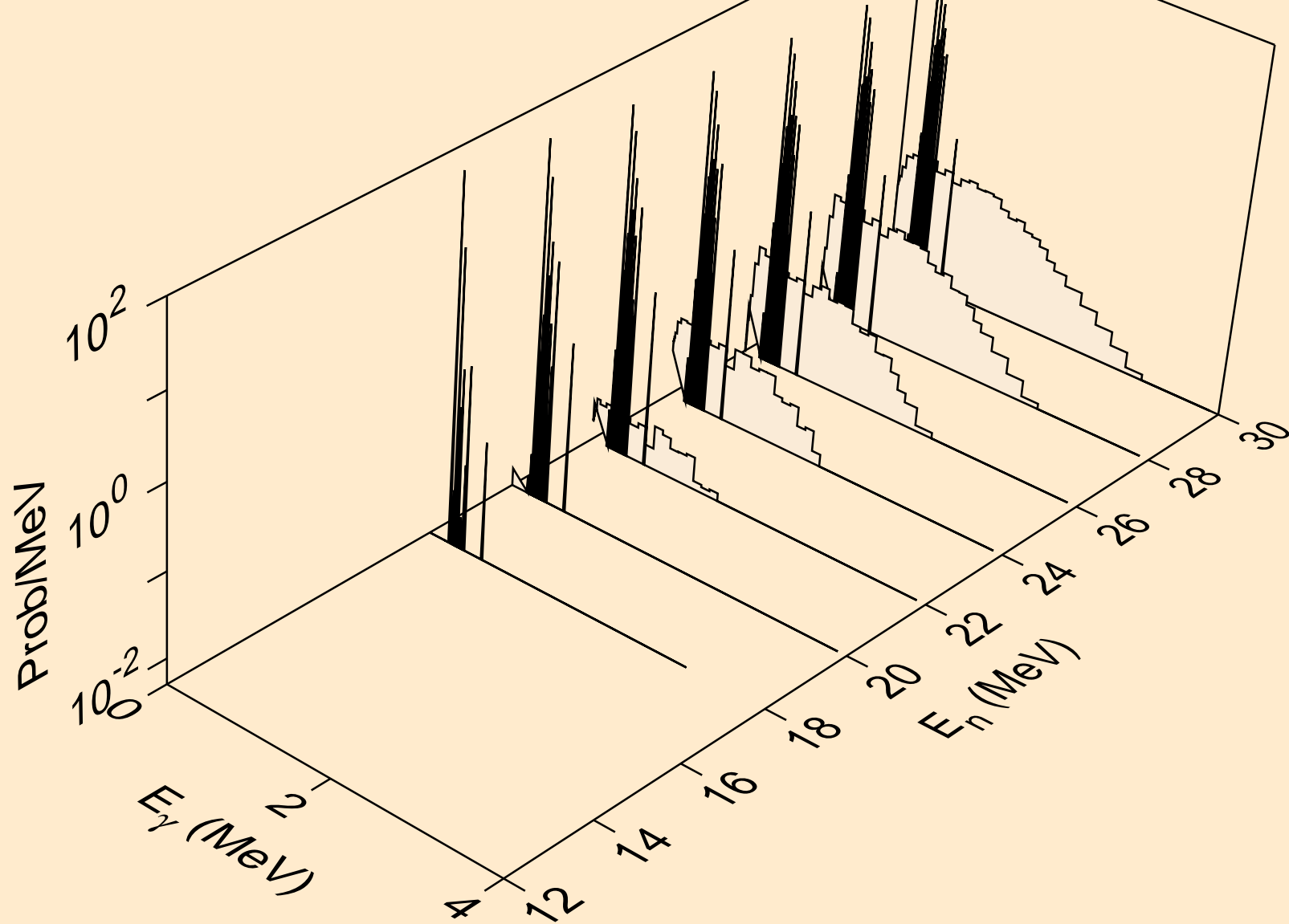
## Delayed neutron spectra



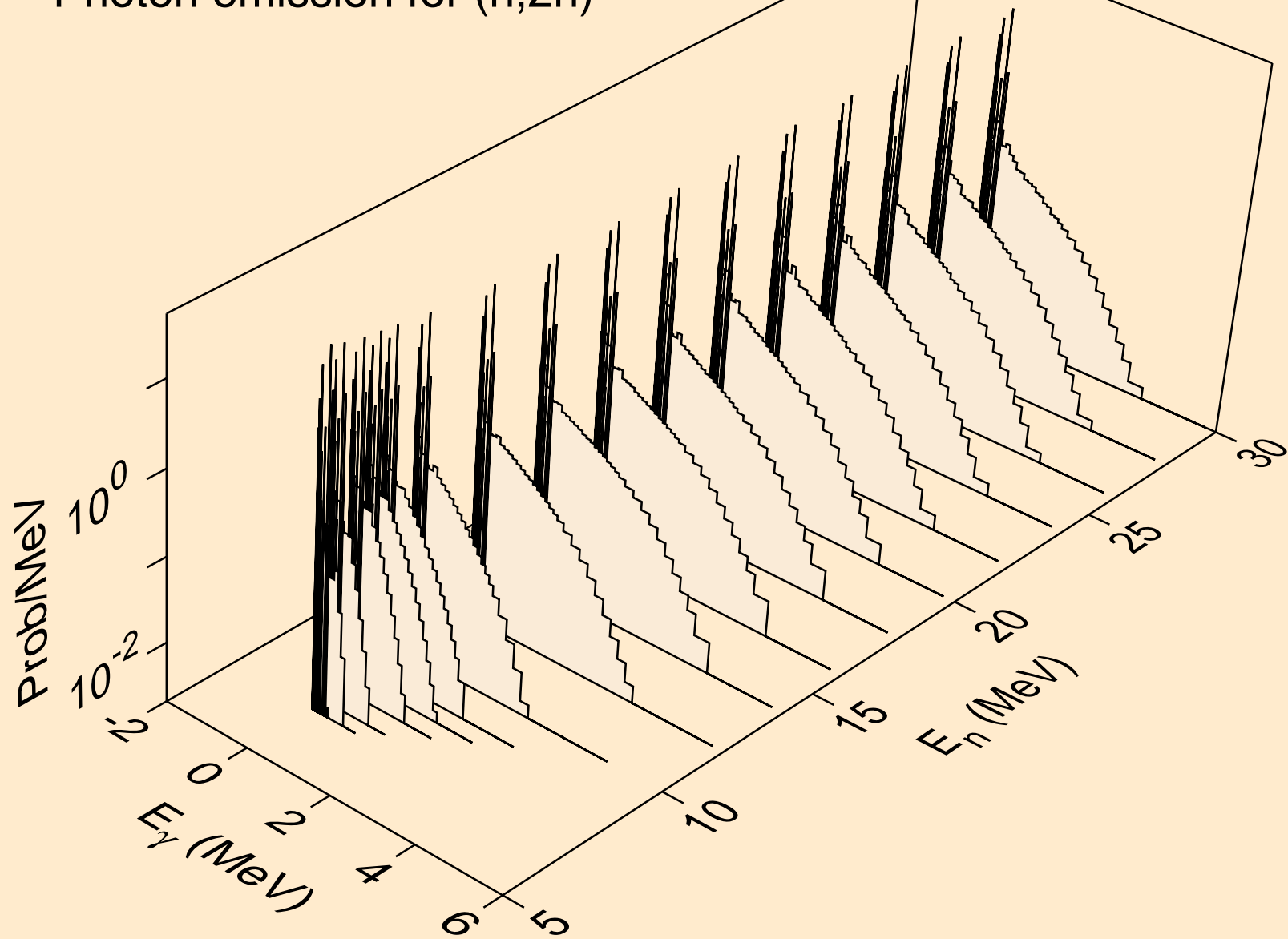
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



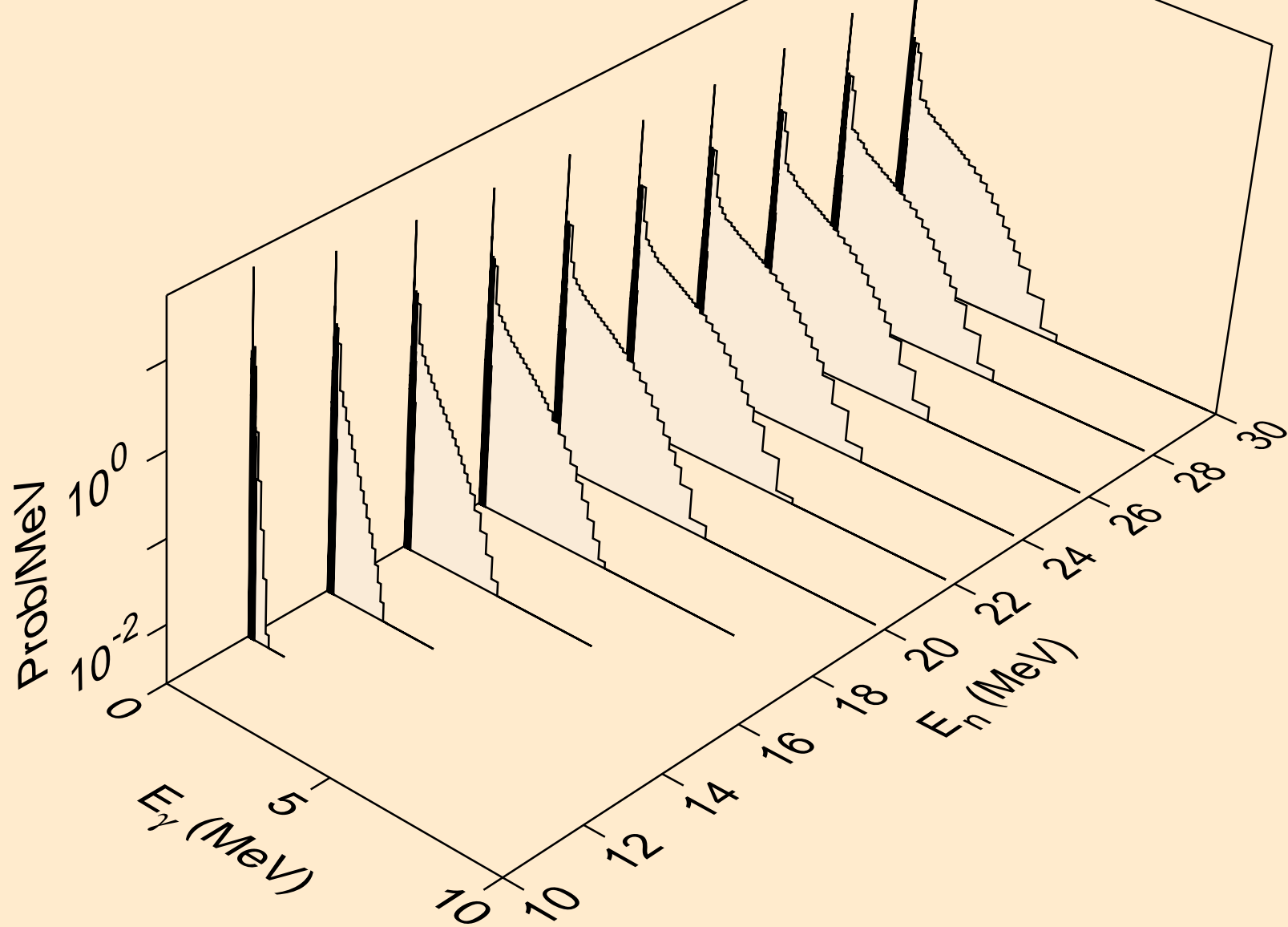
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



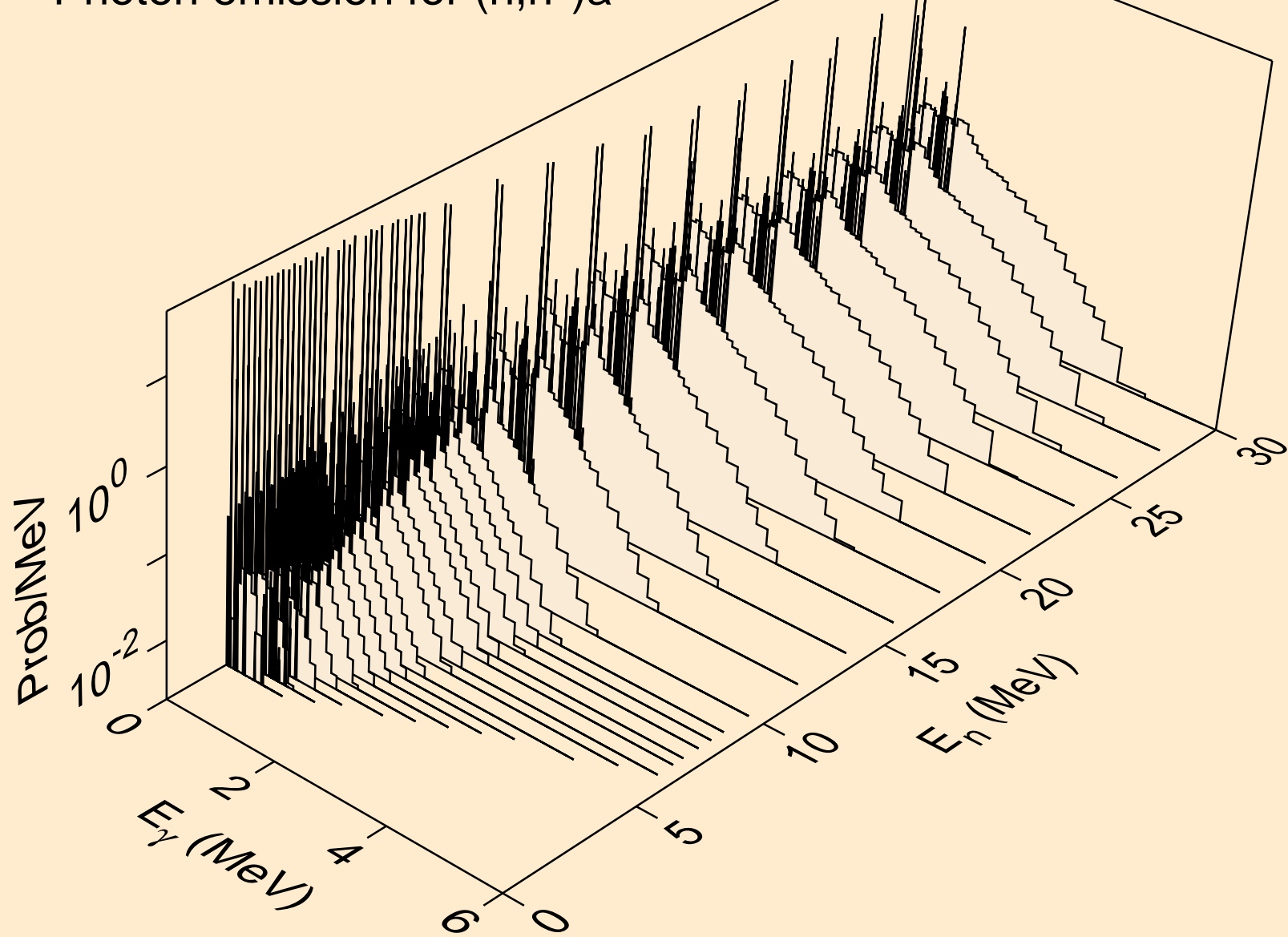
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



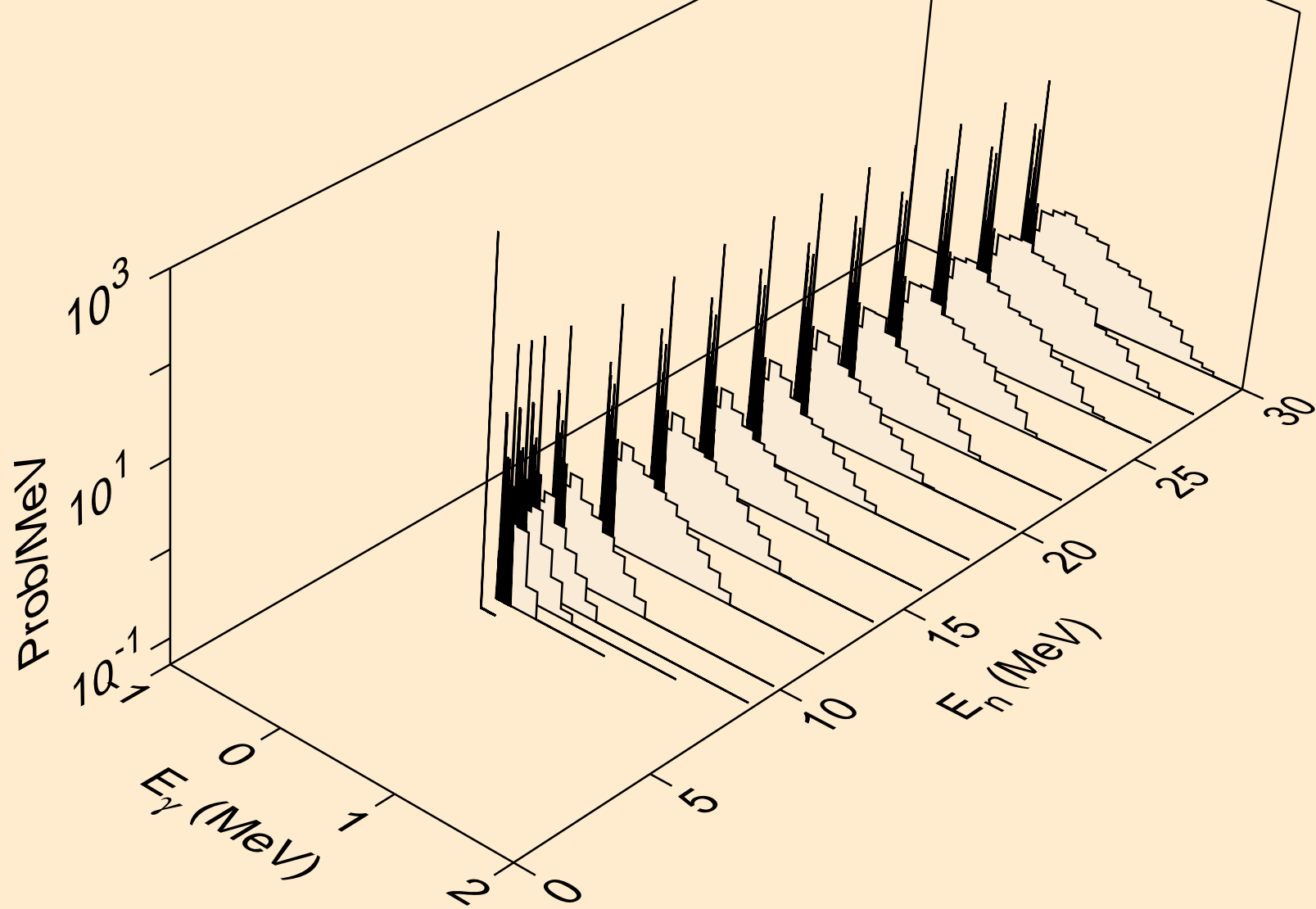
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



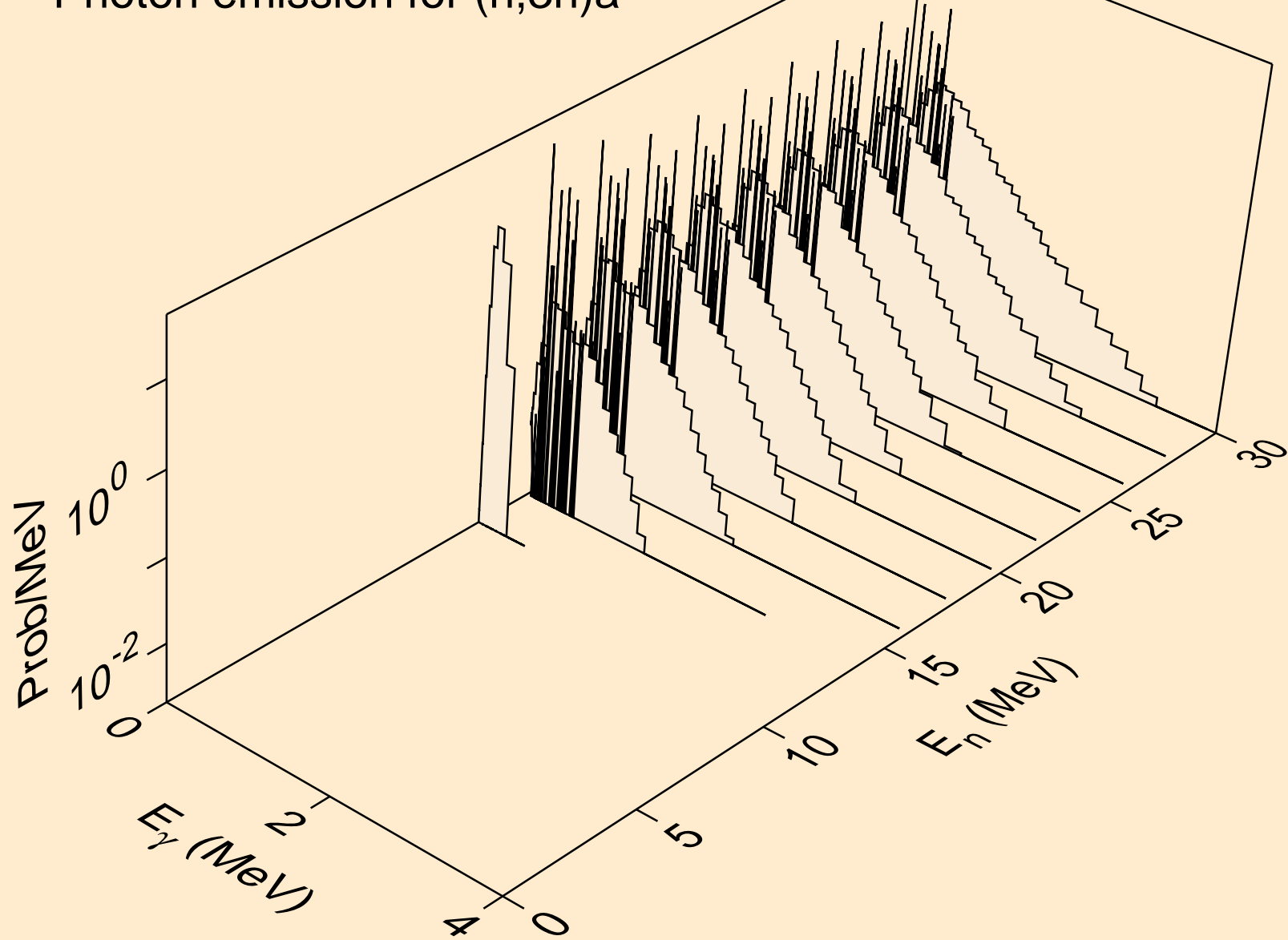
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



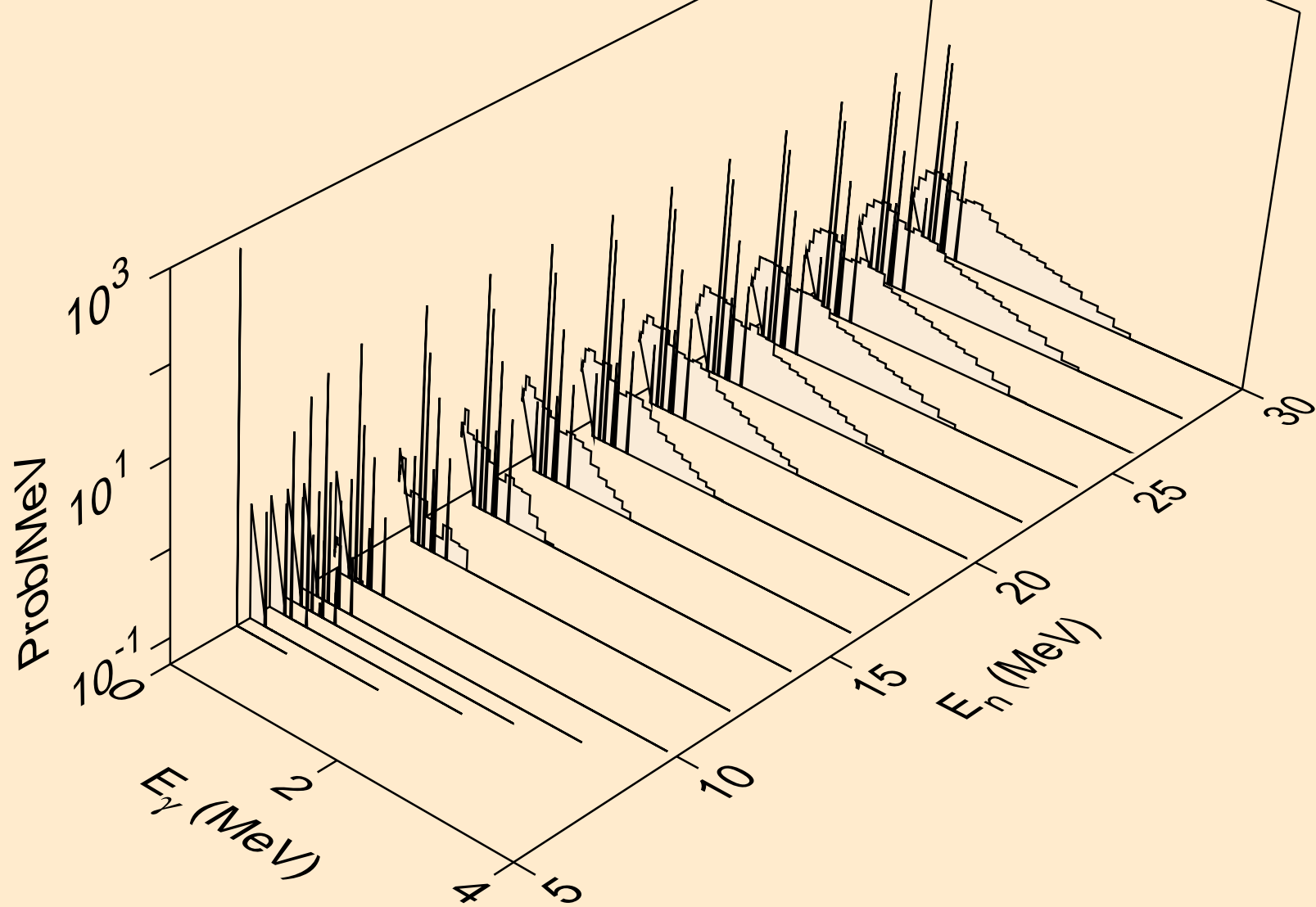
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



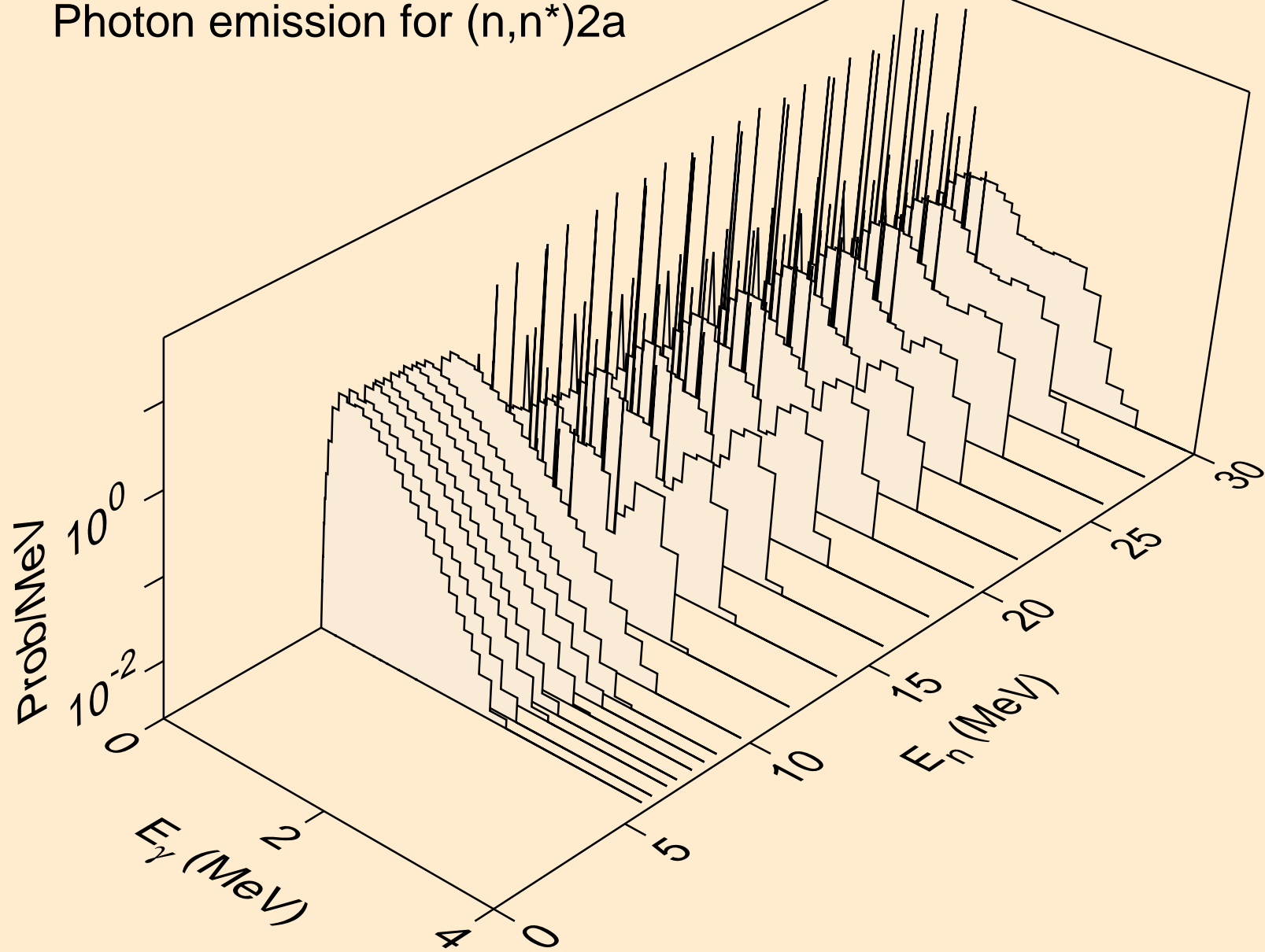
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



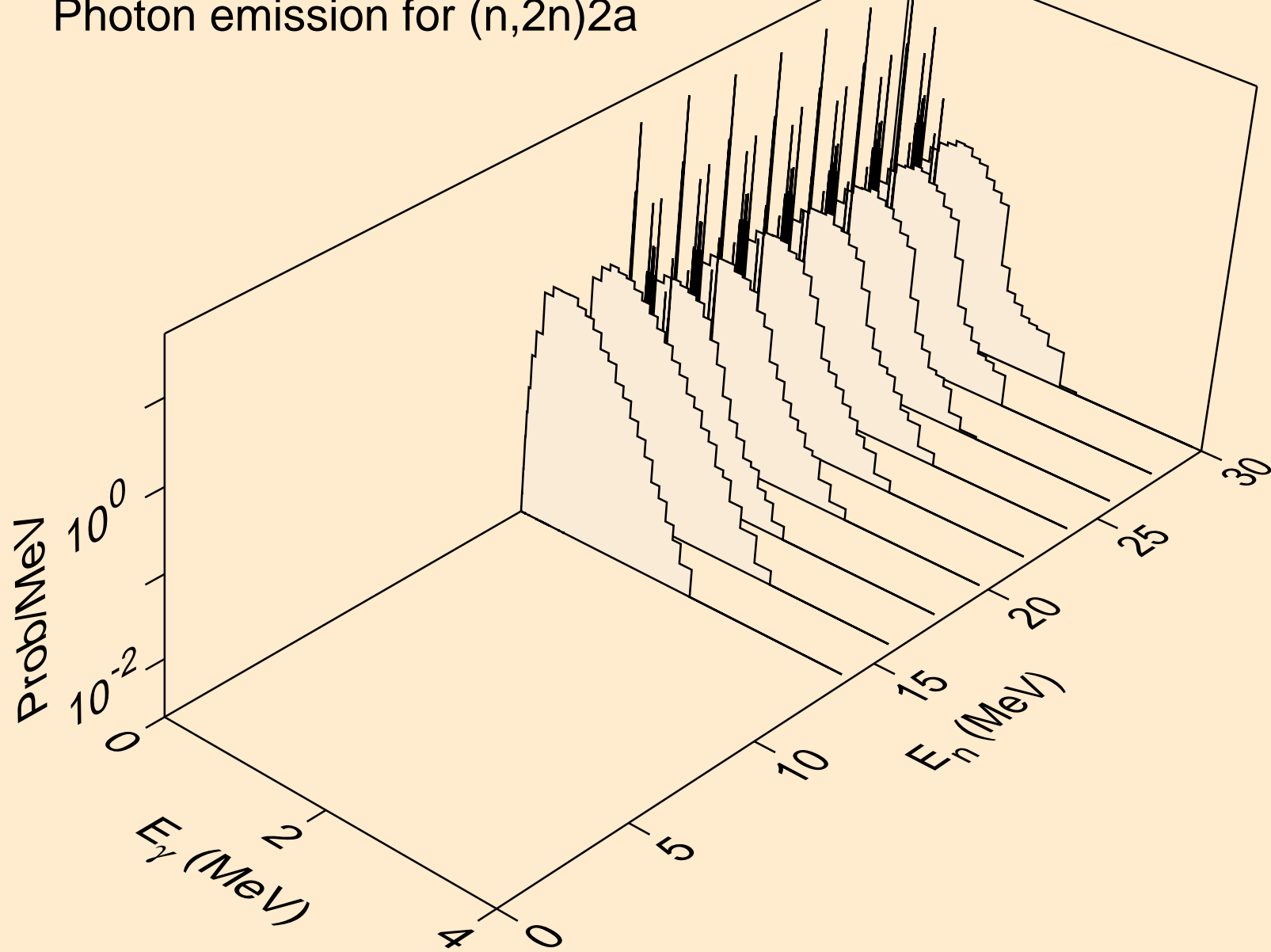
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



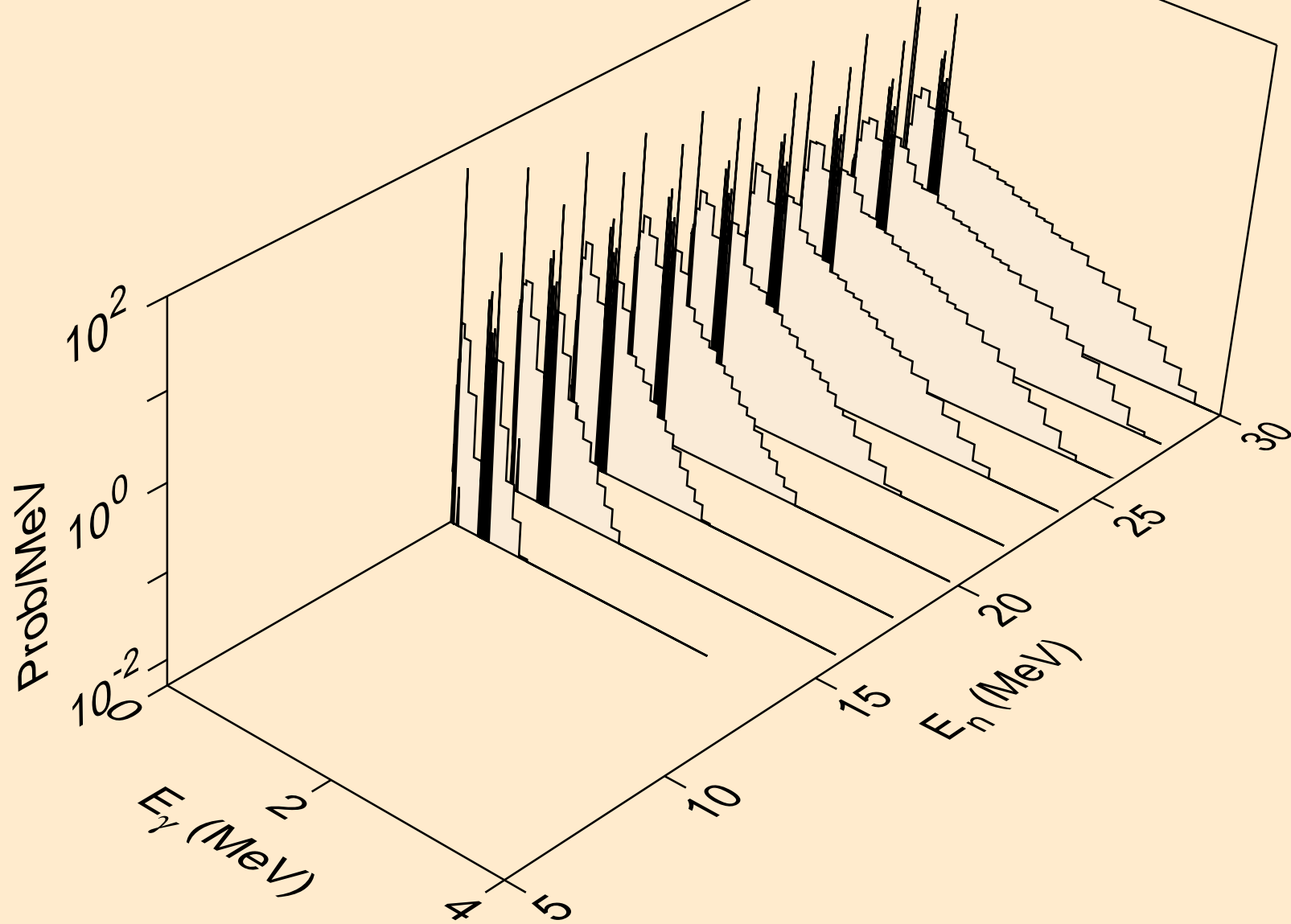
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



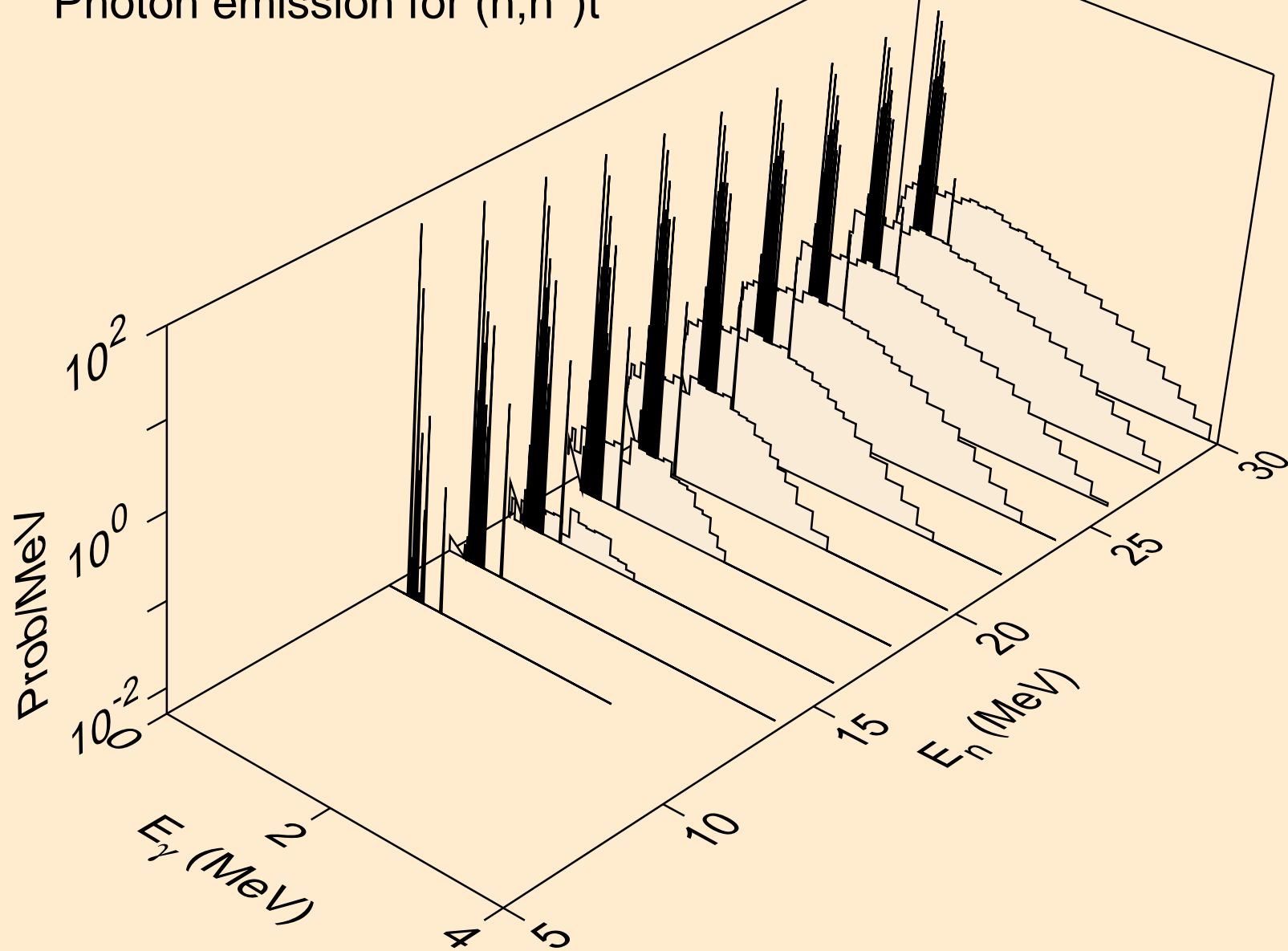
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



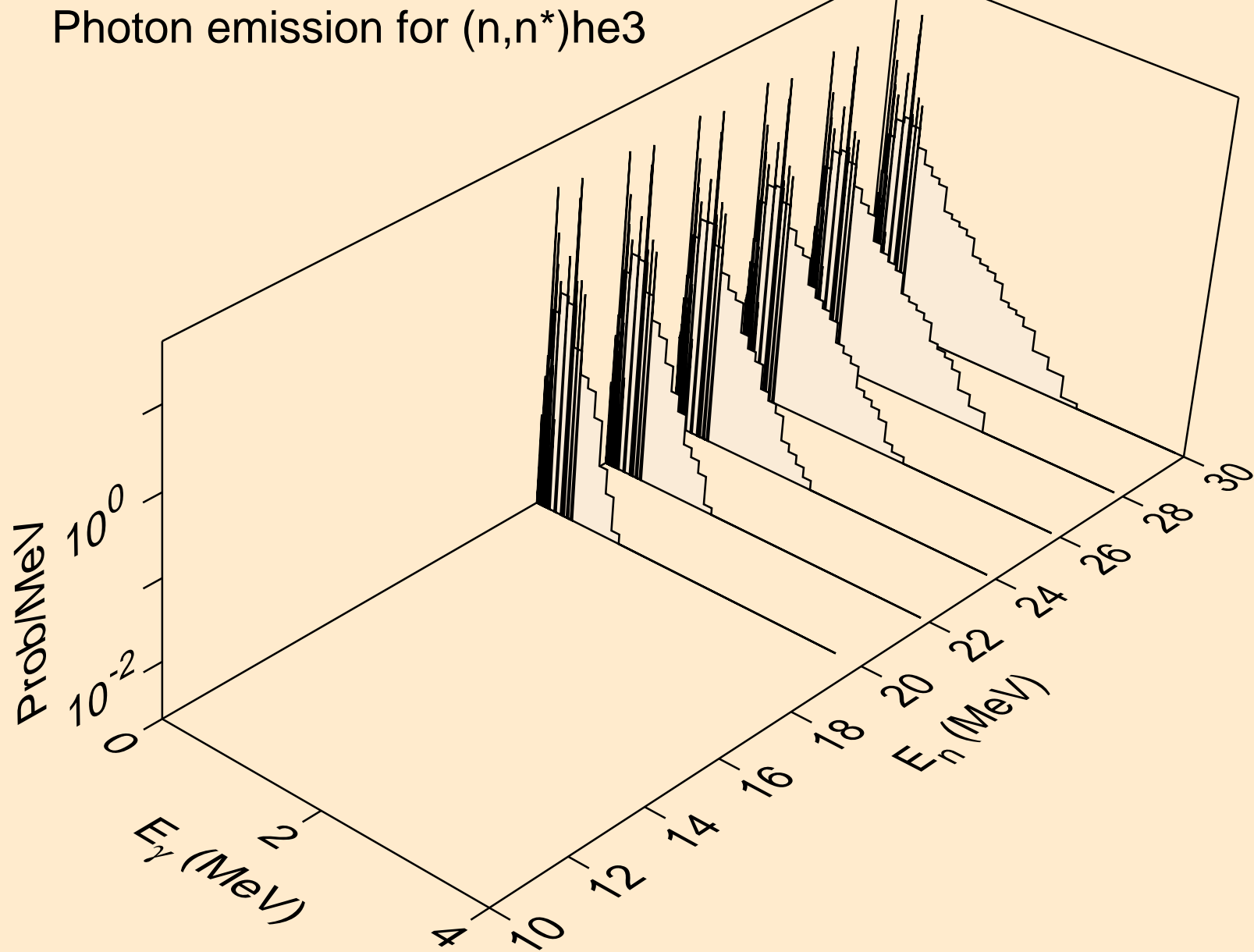
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



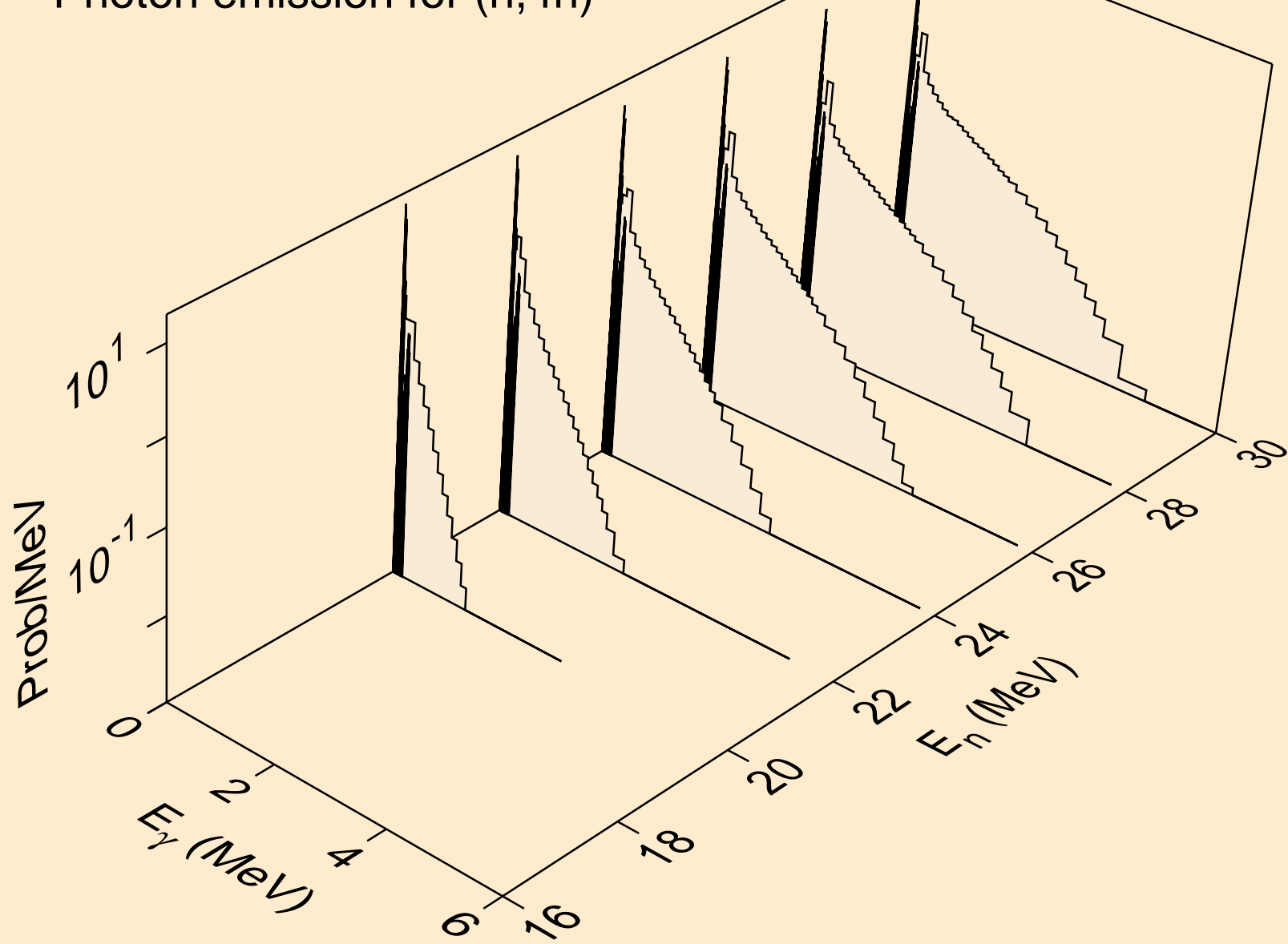
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



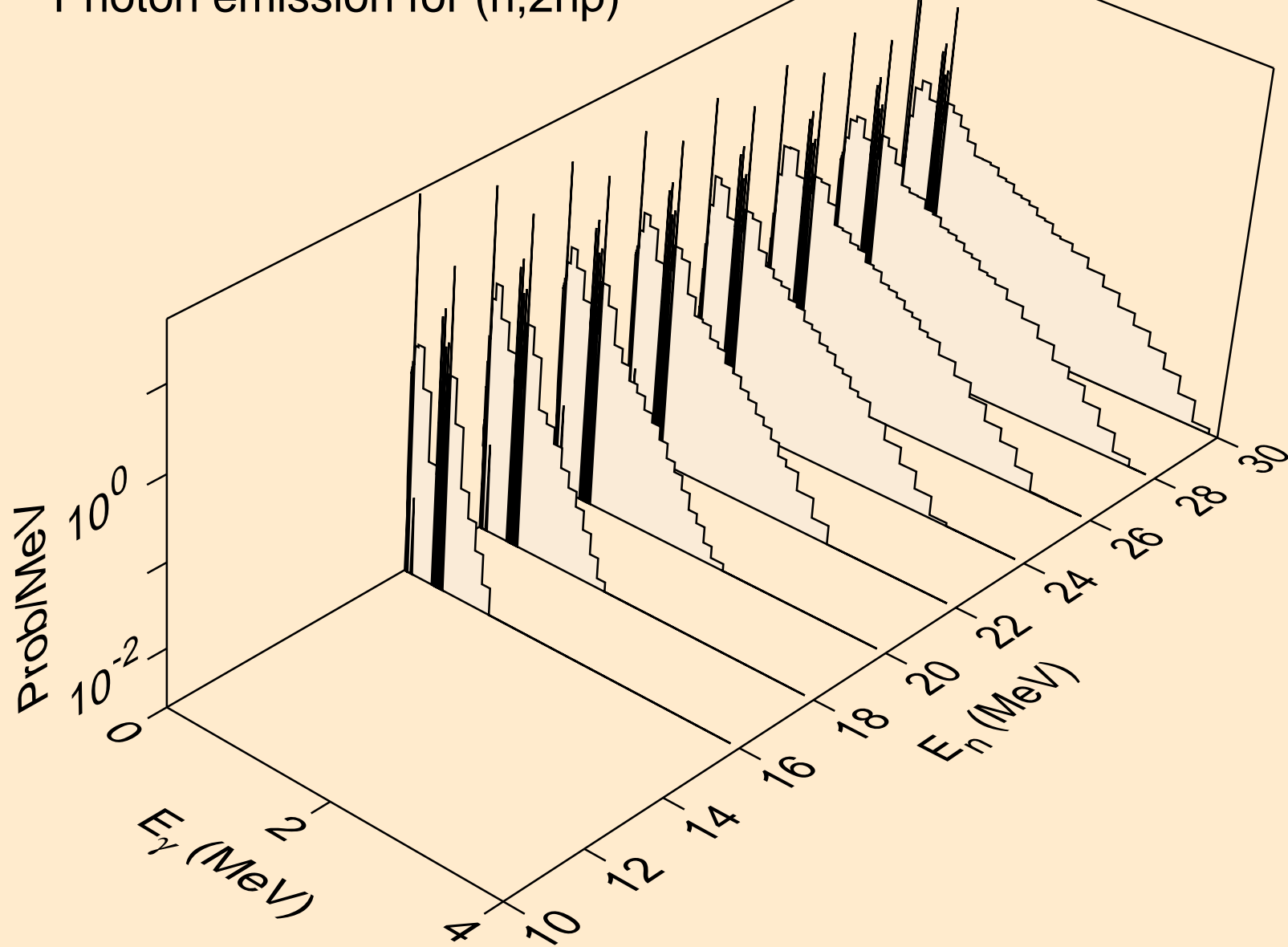
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



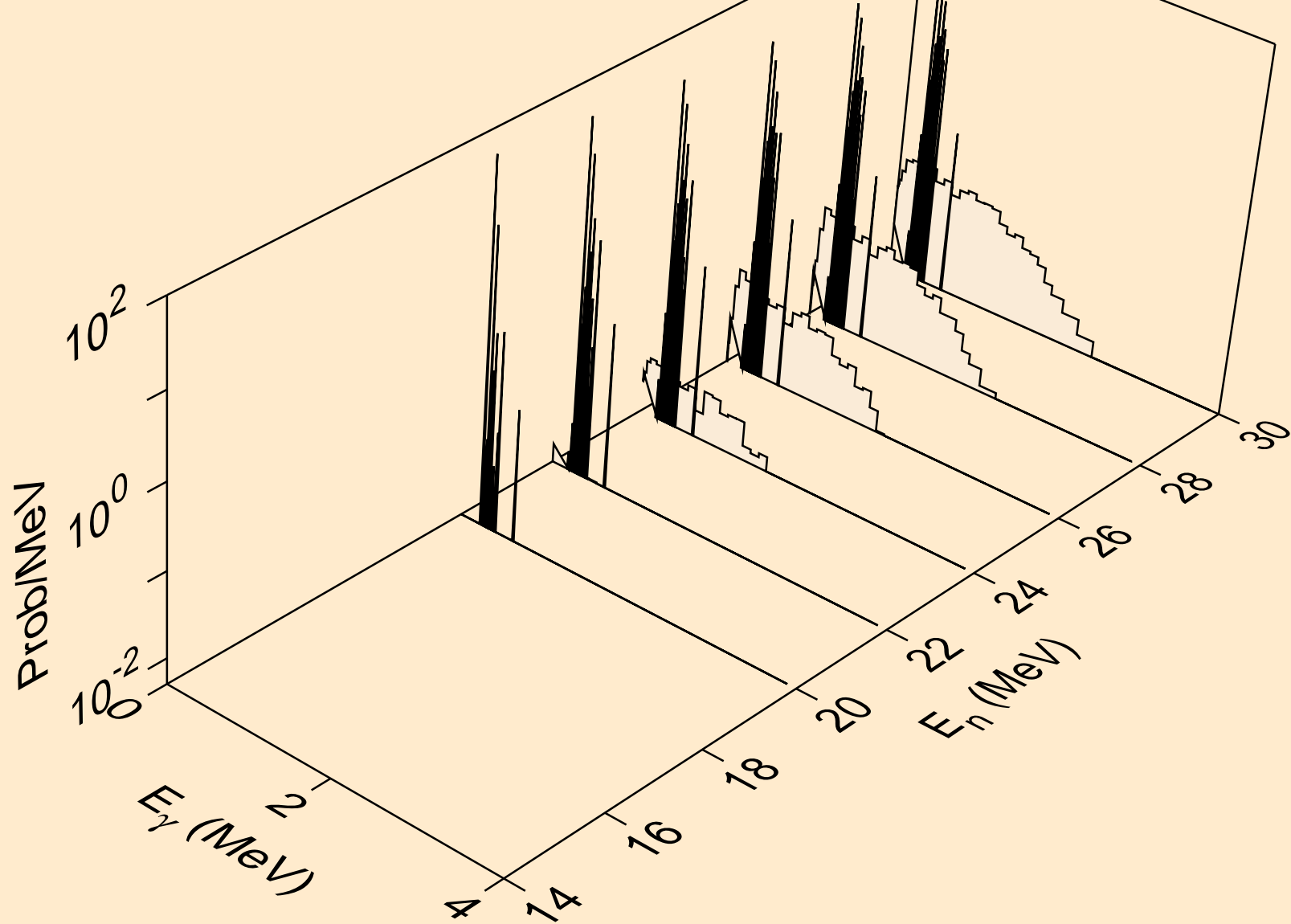
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



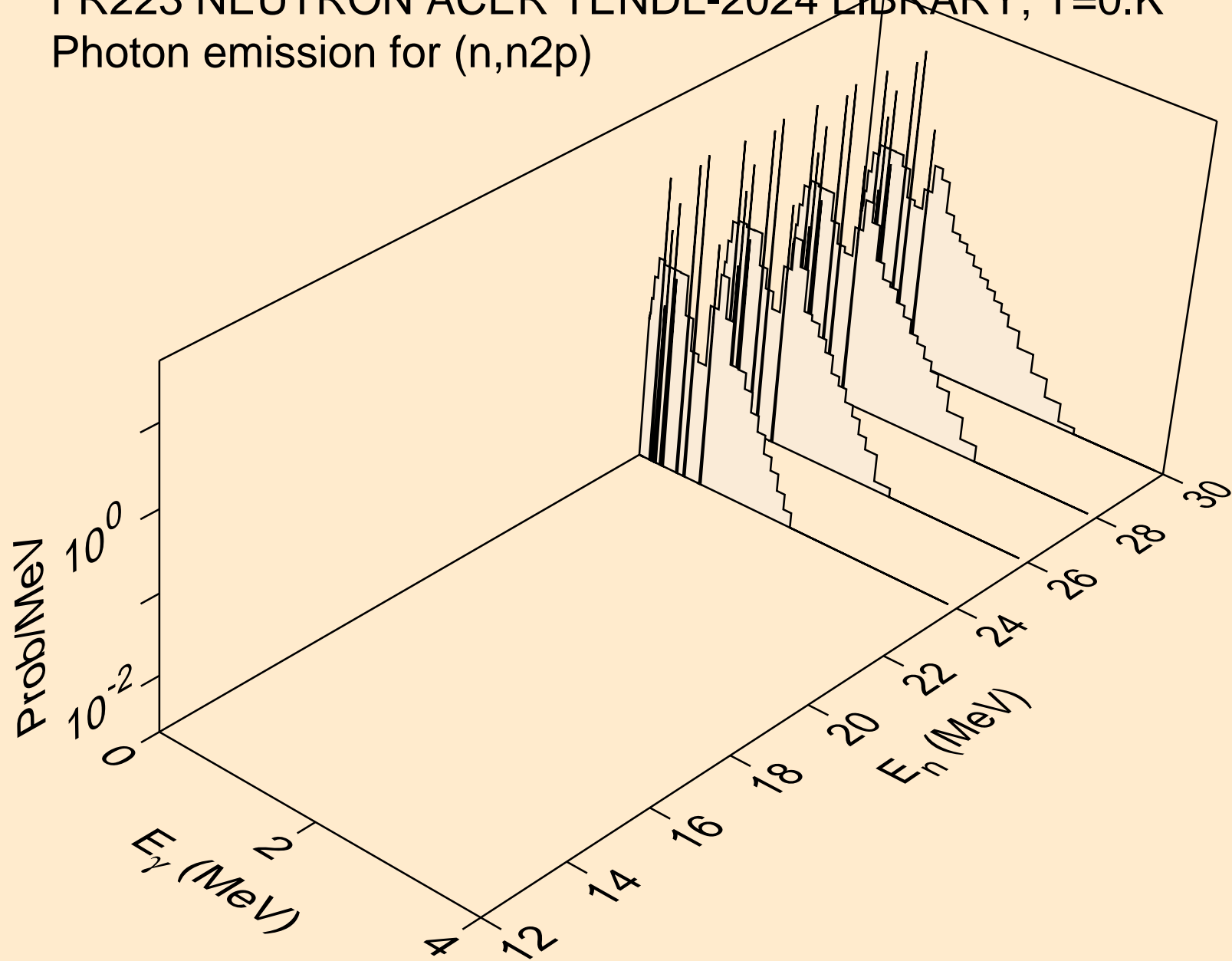
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



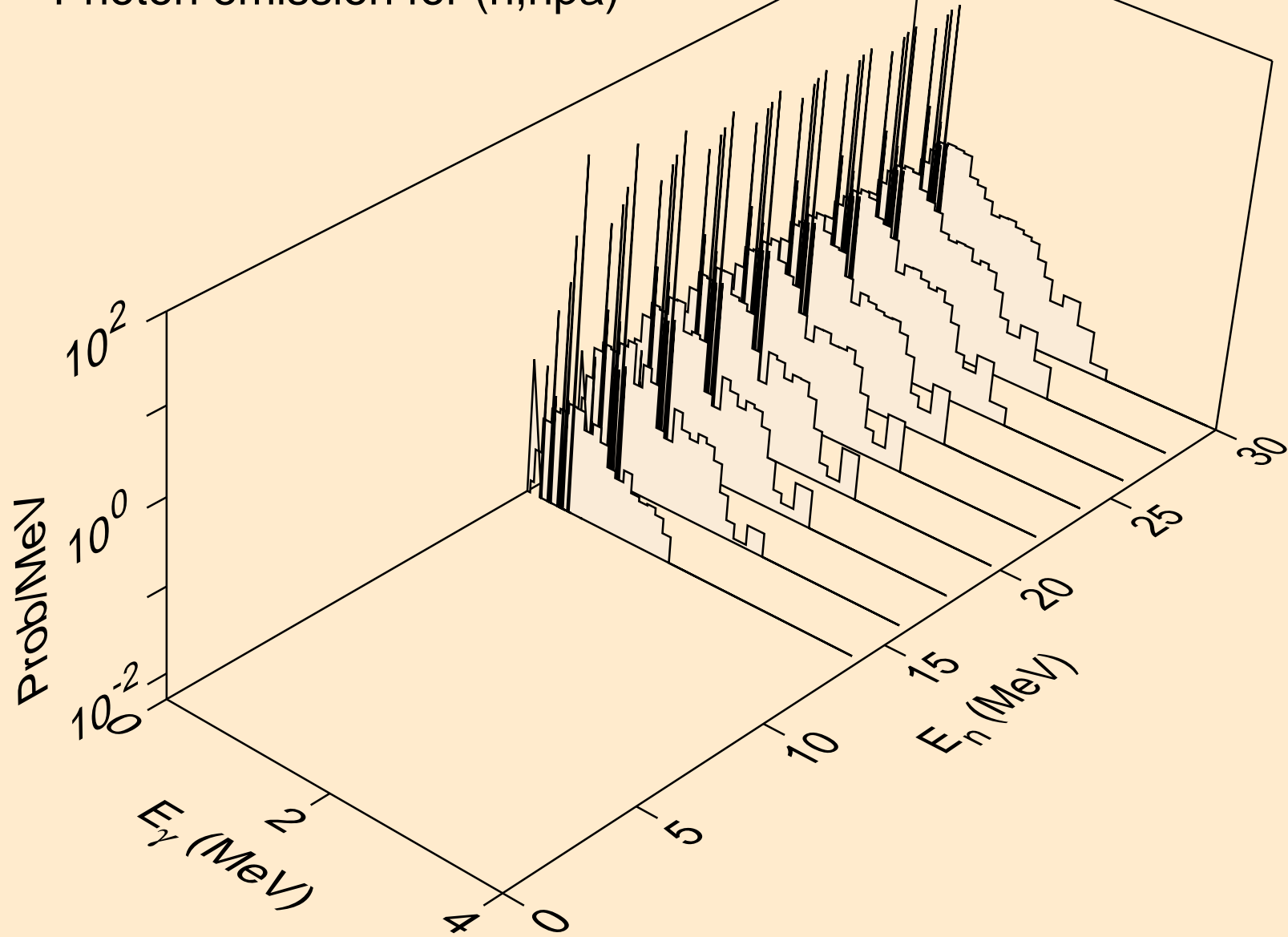
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



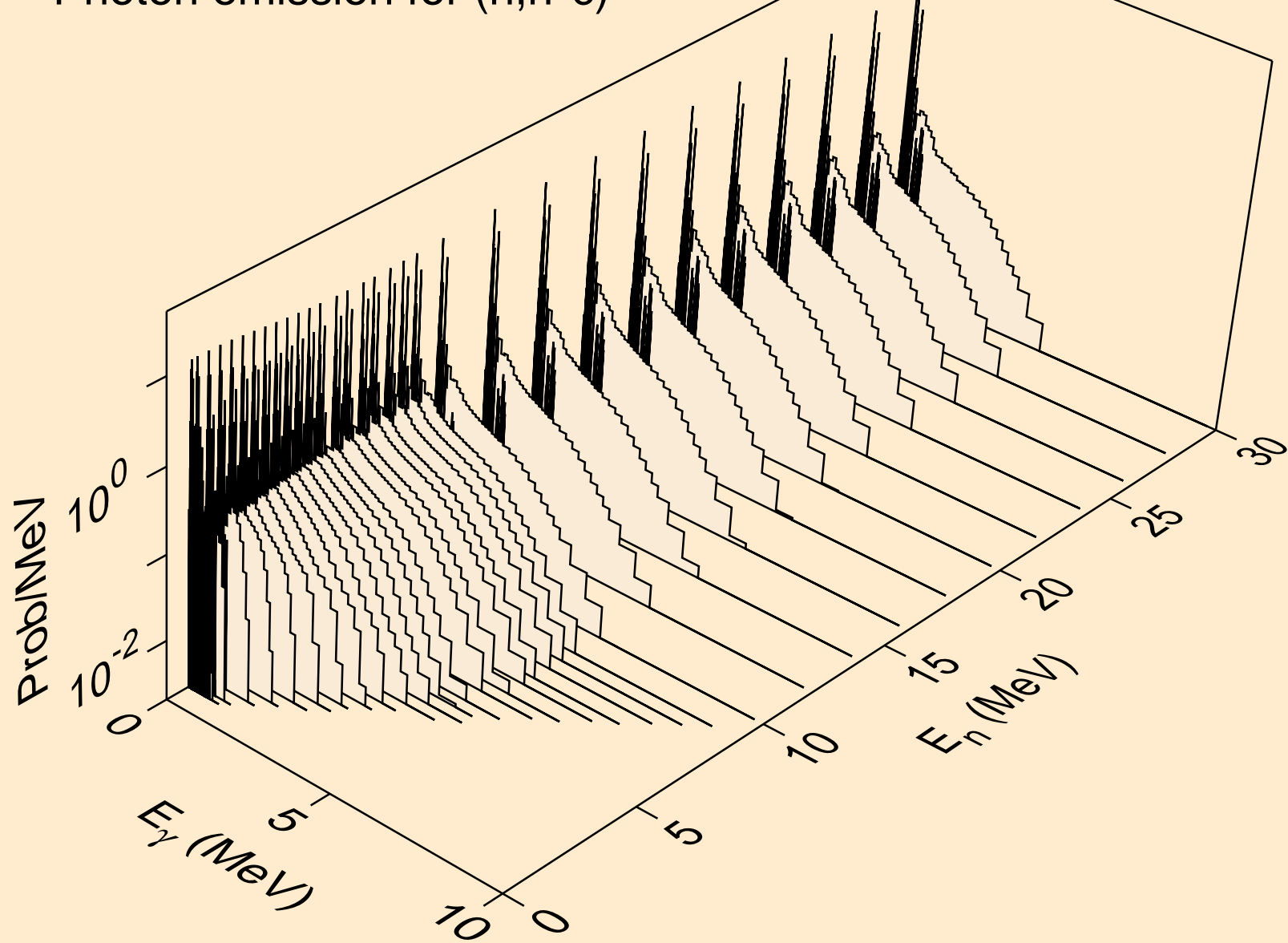
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



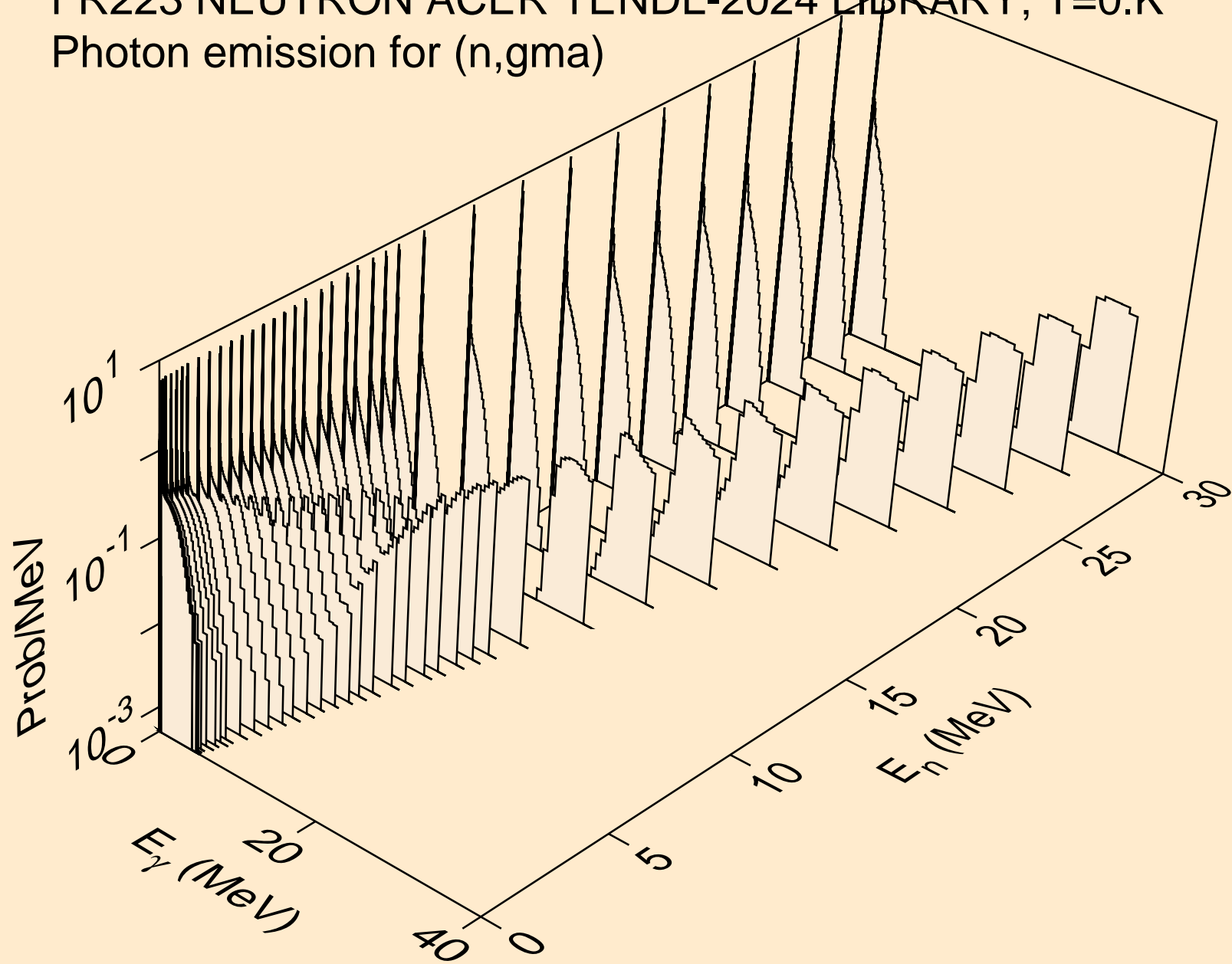
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



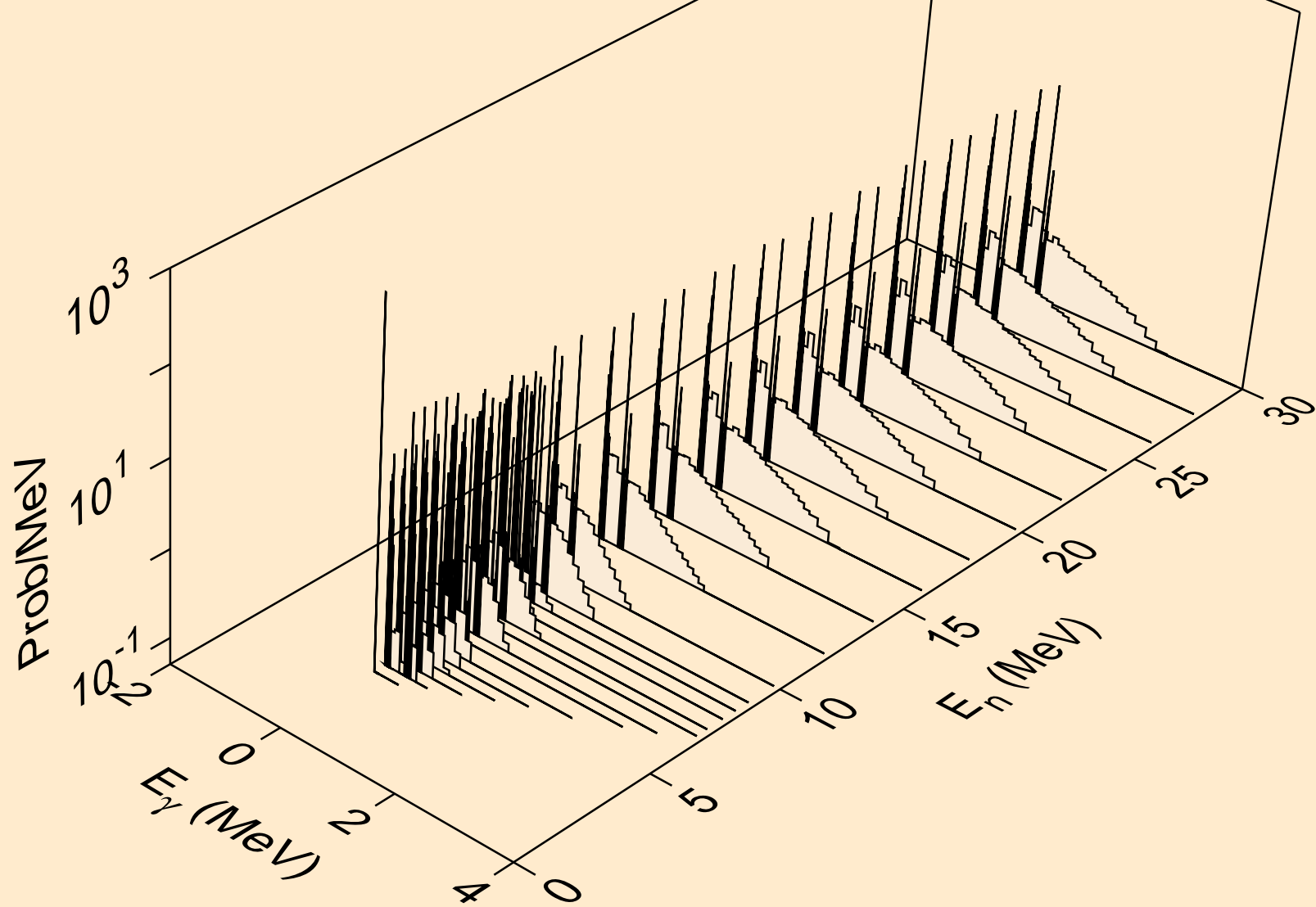
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



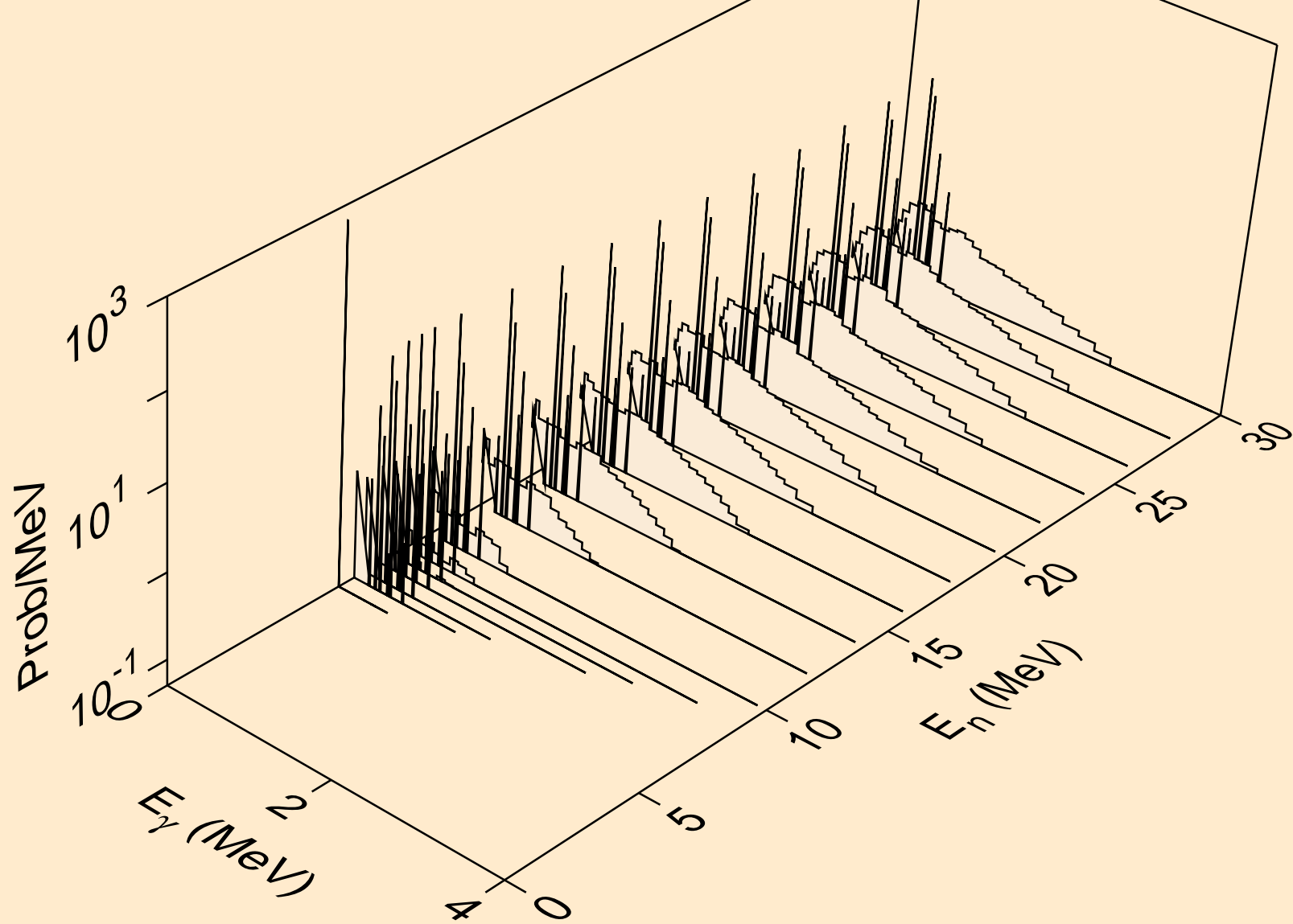
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



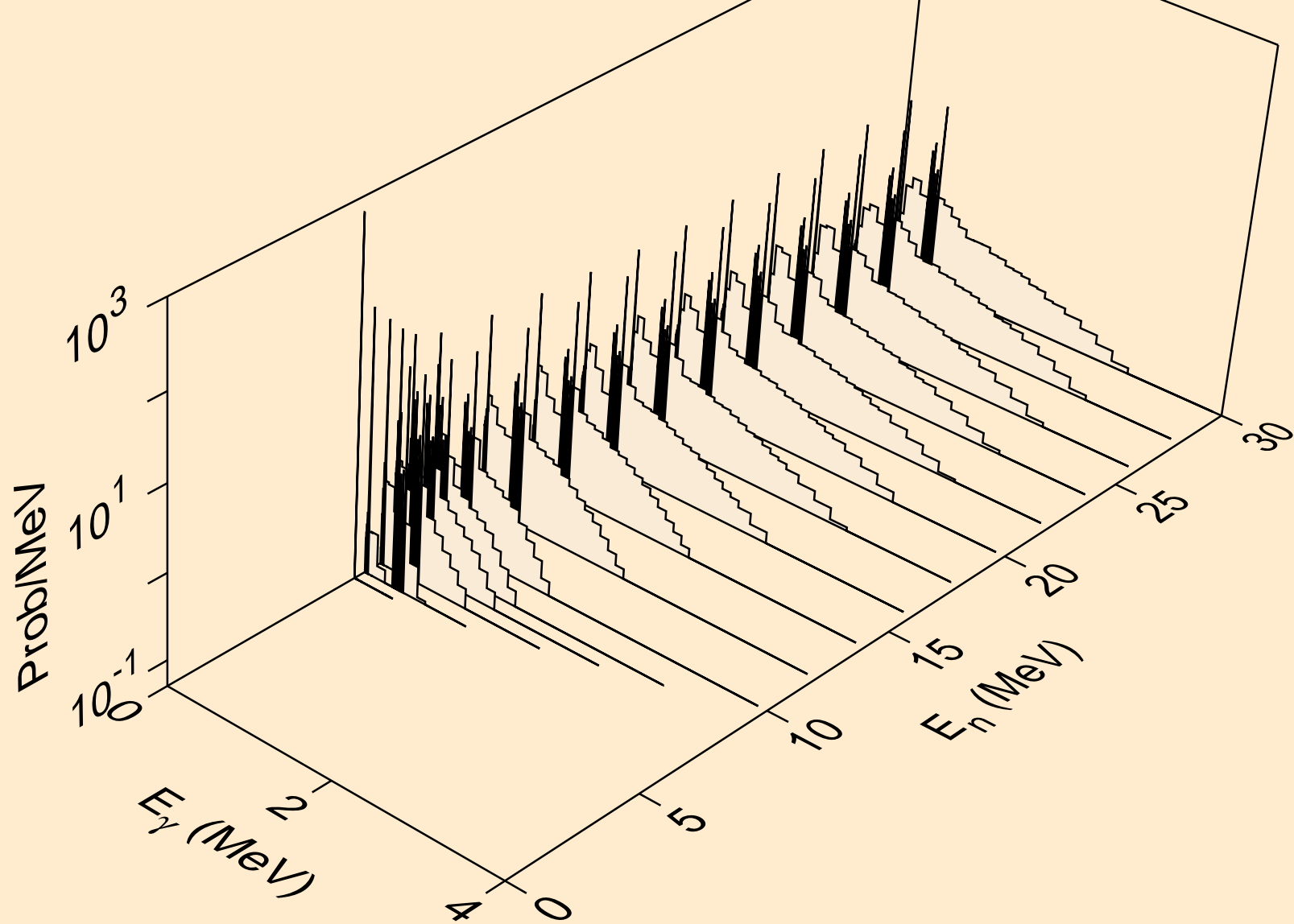
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



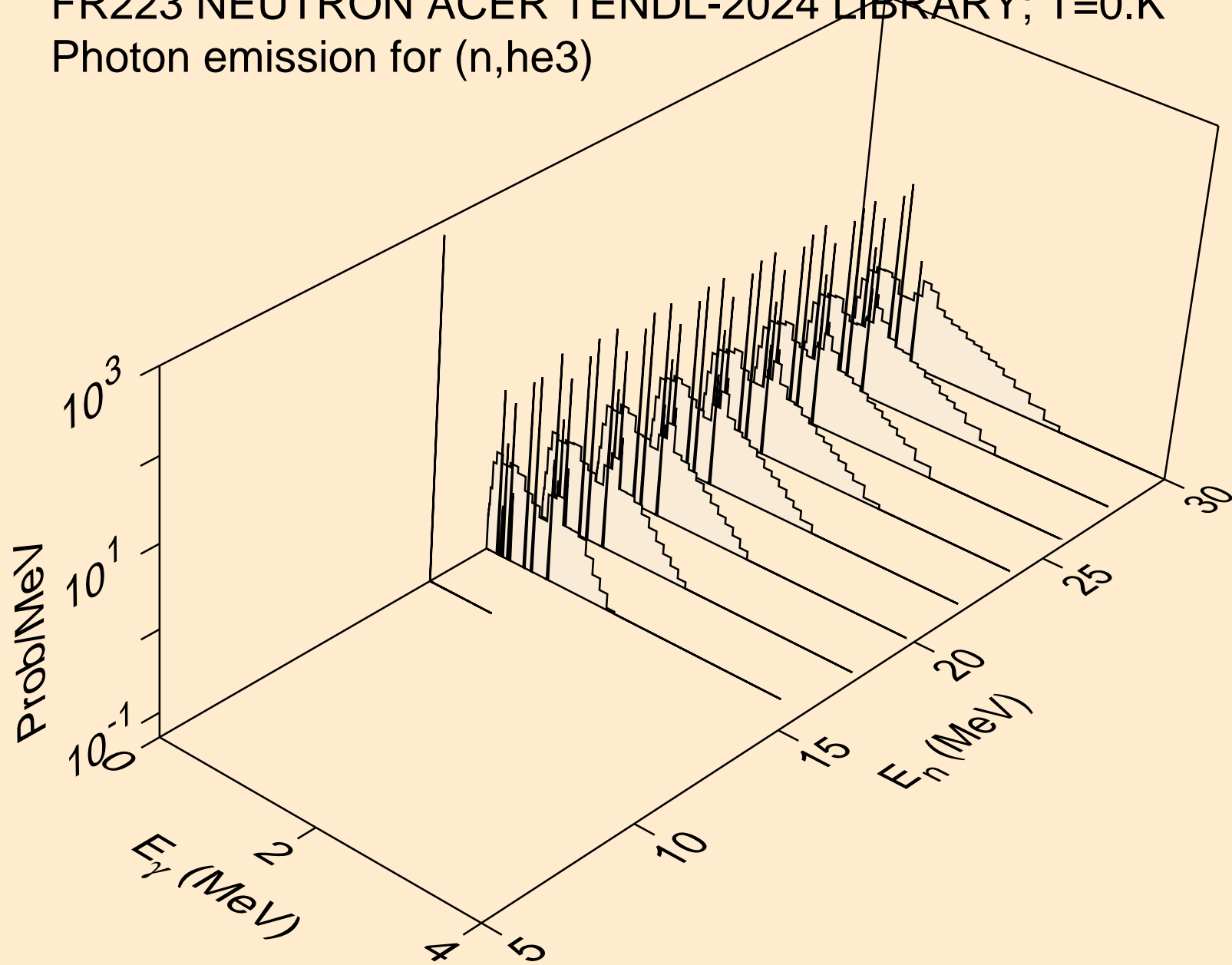
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



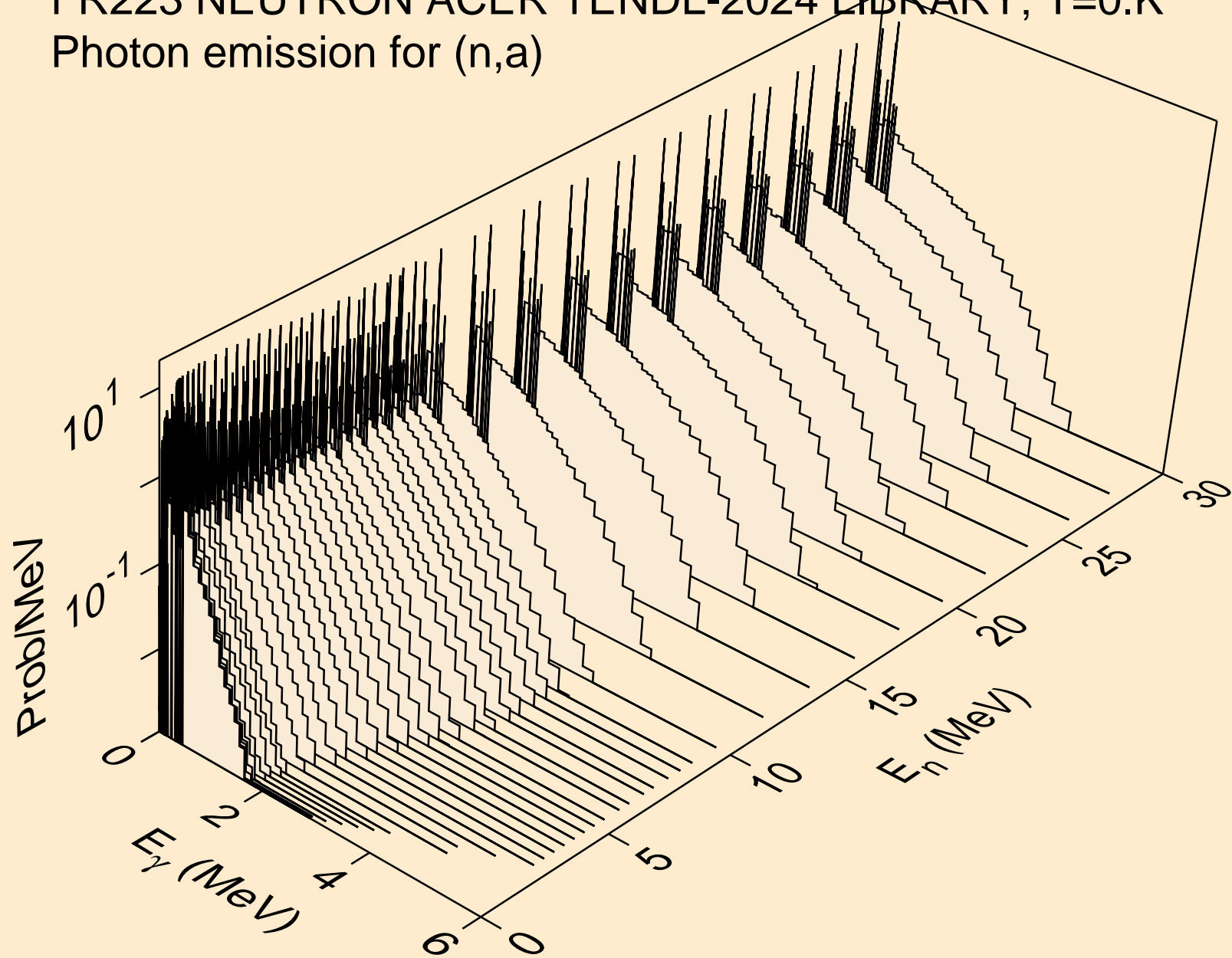
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



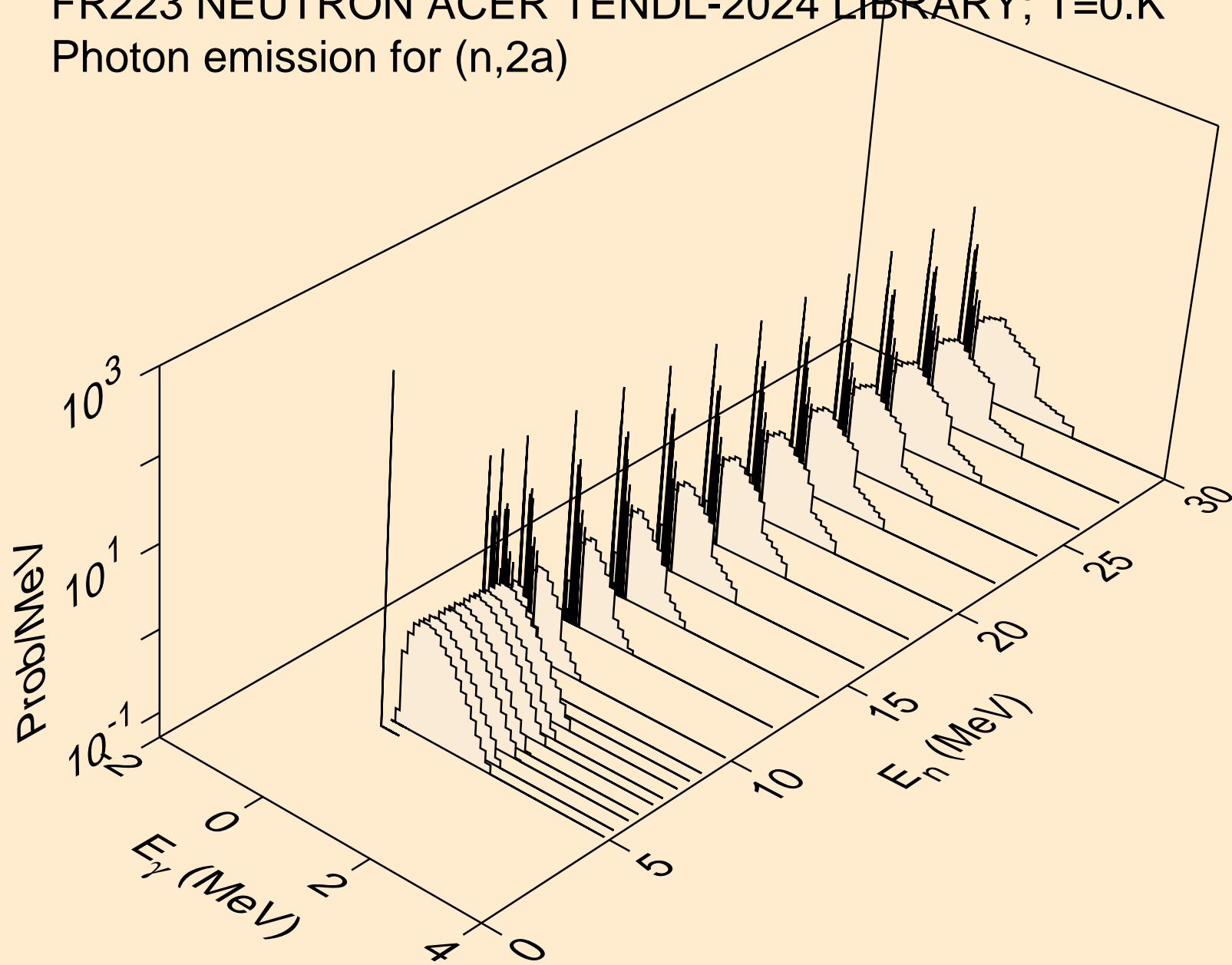
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



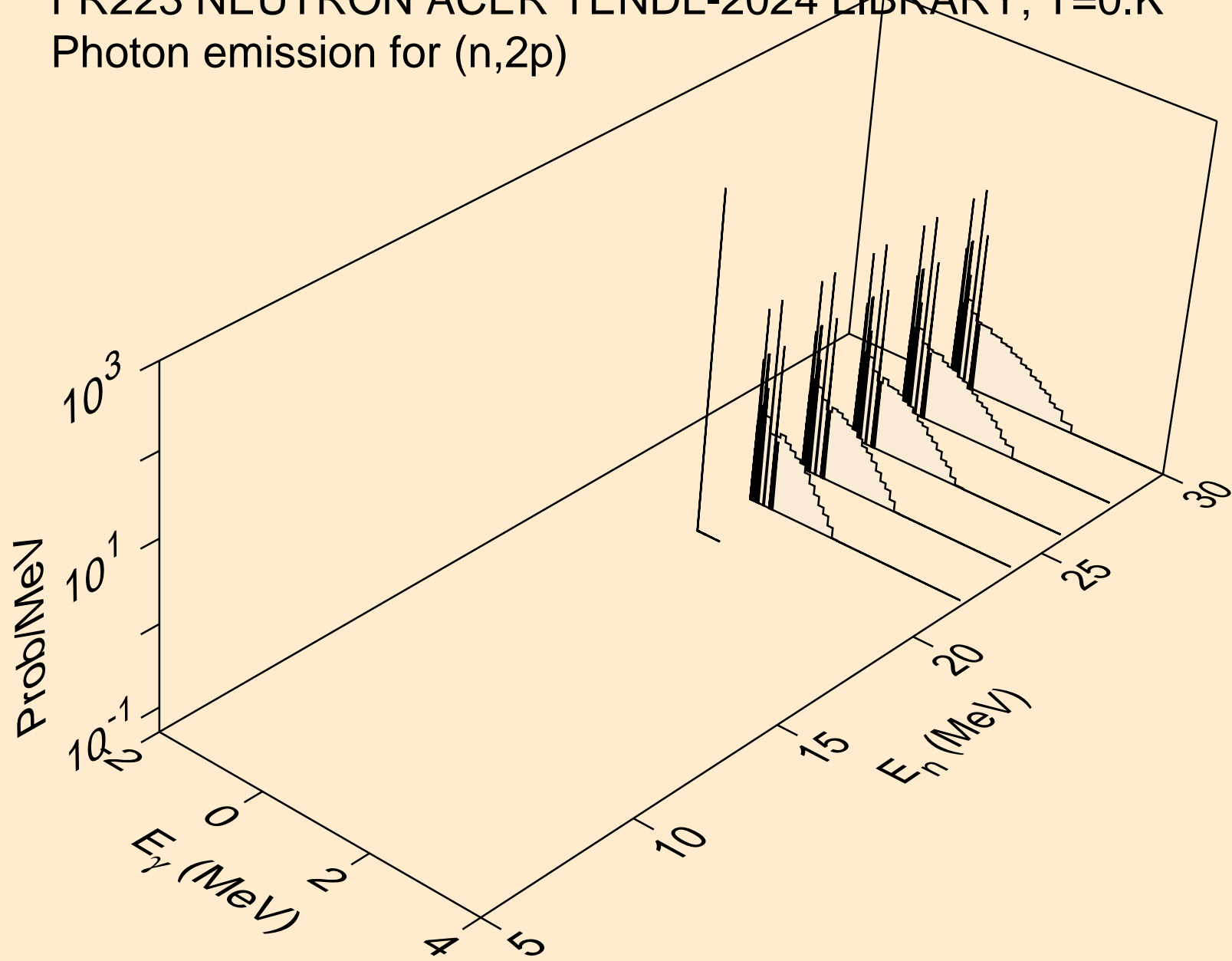
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



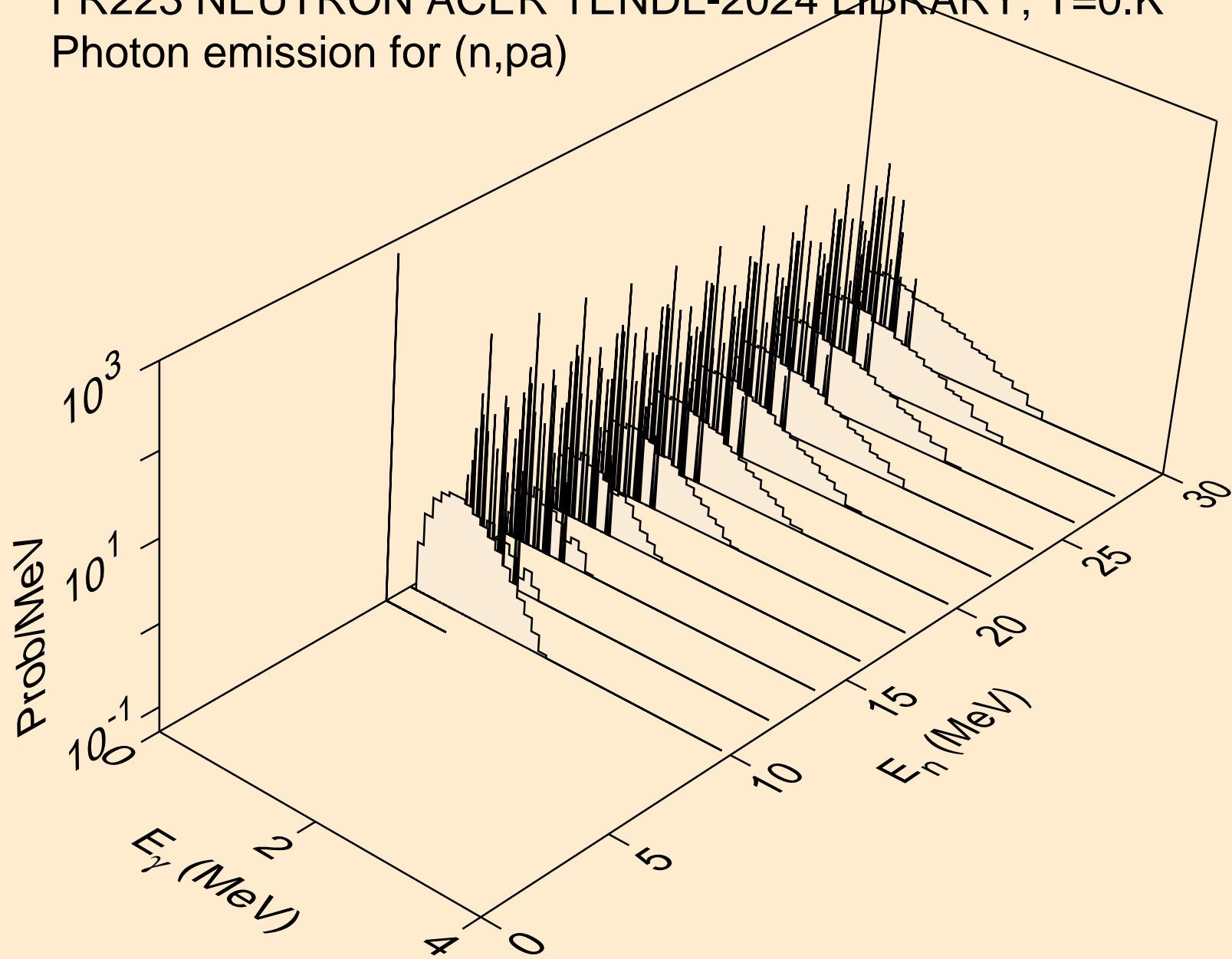
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



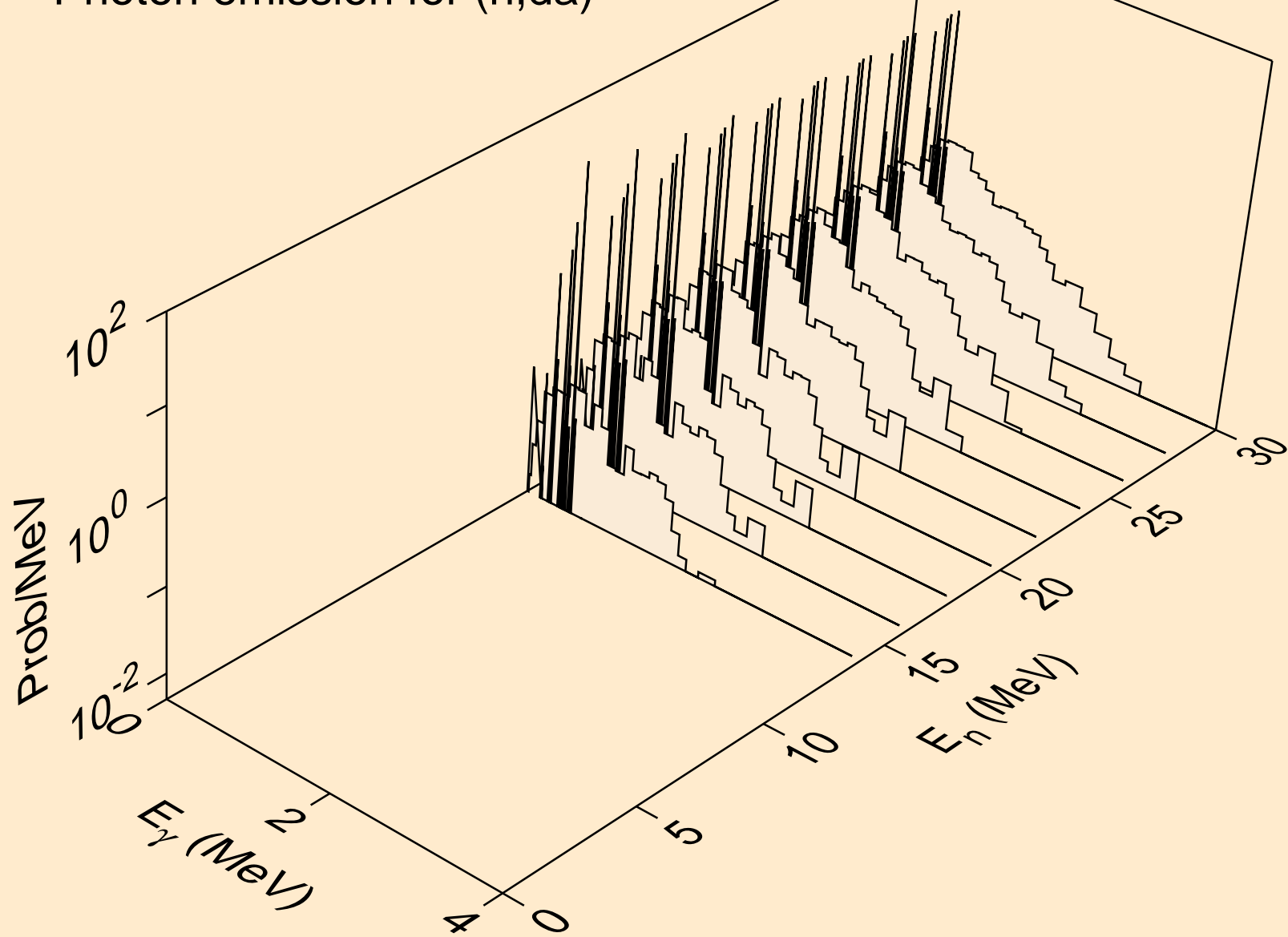
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



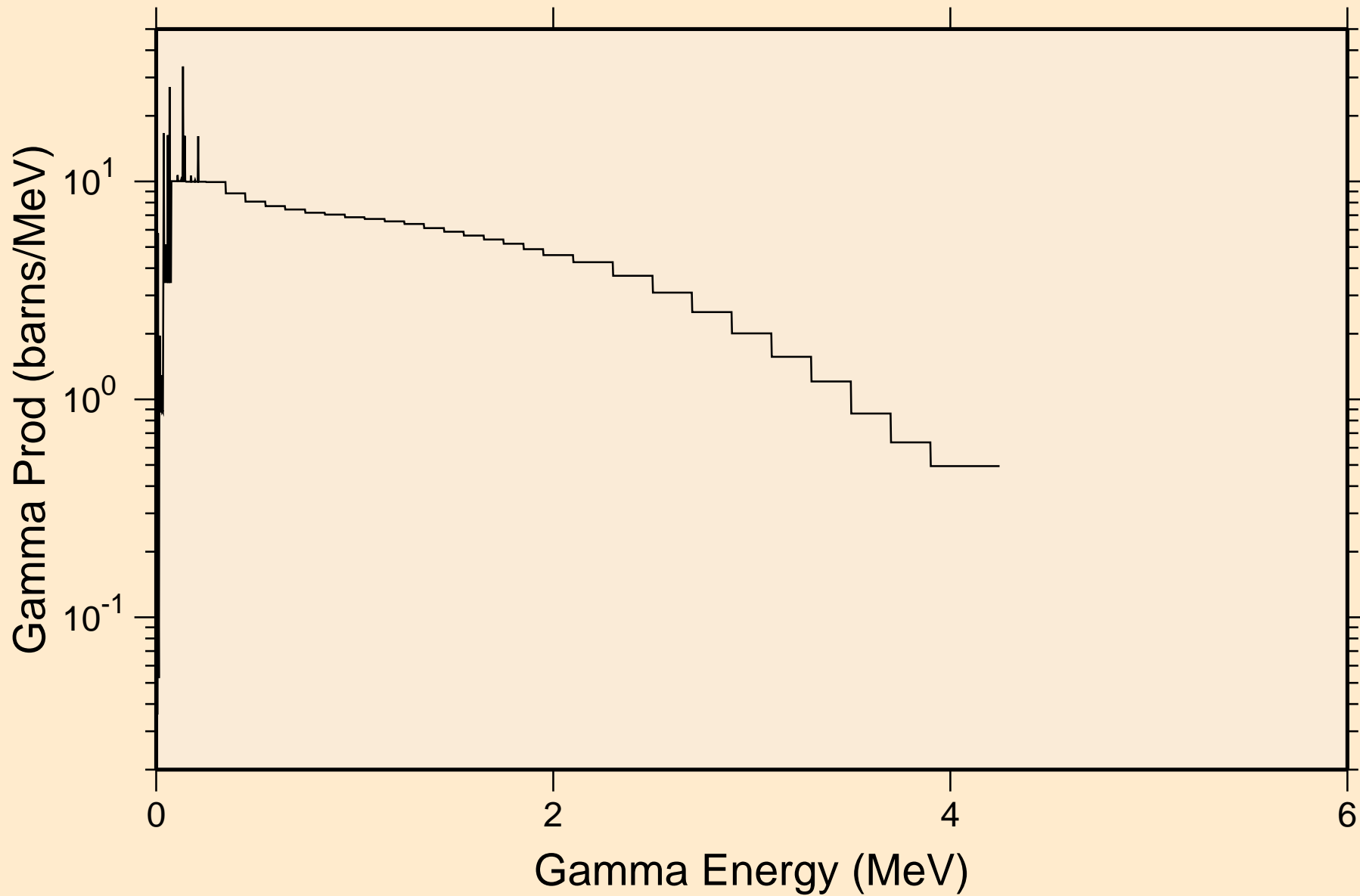
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



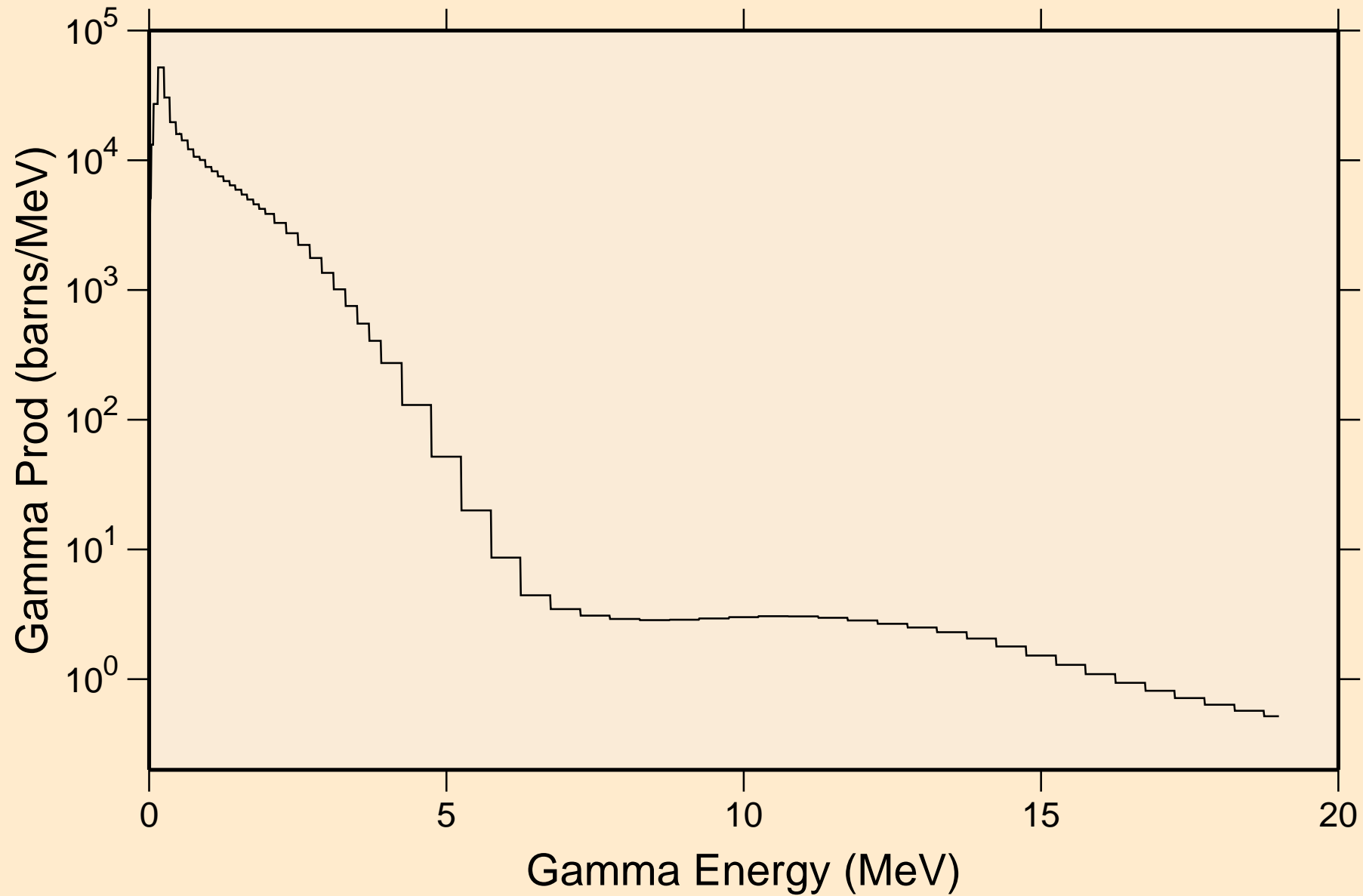
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

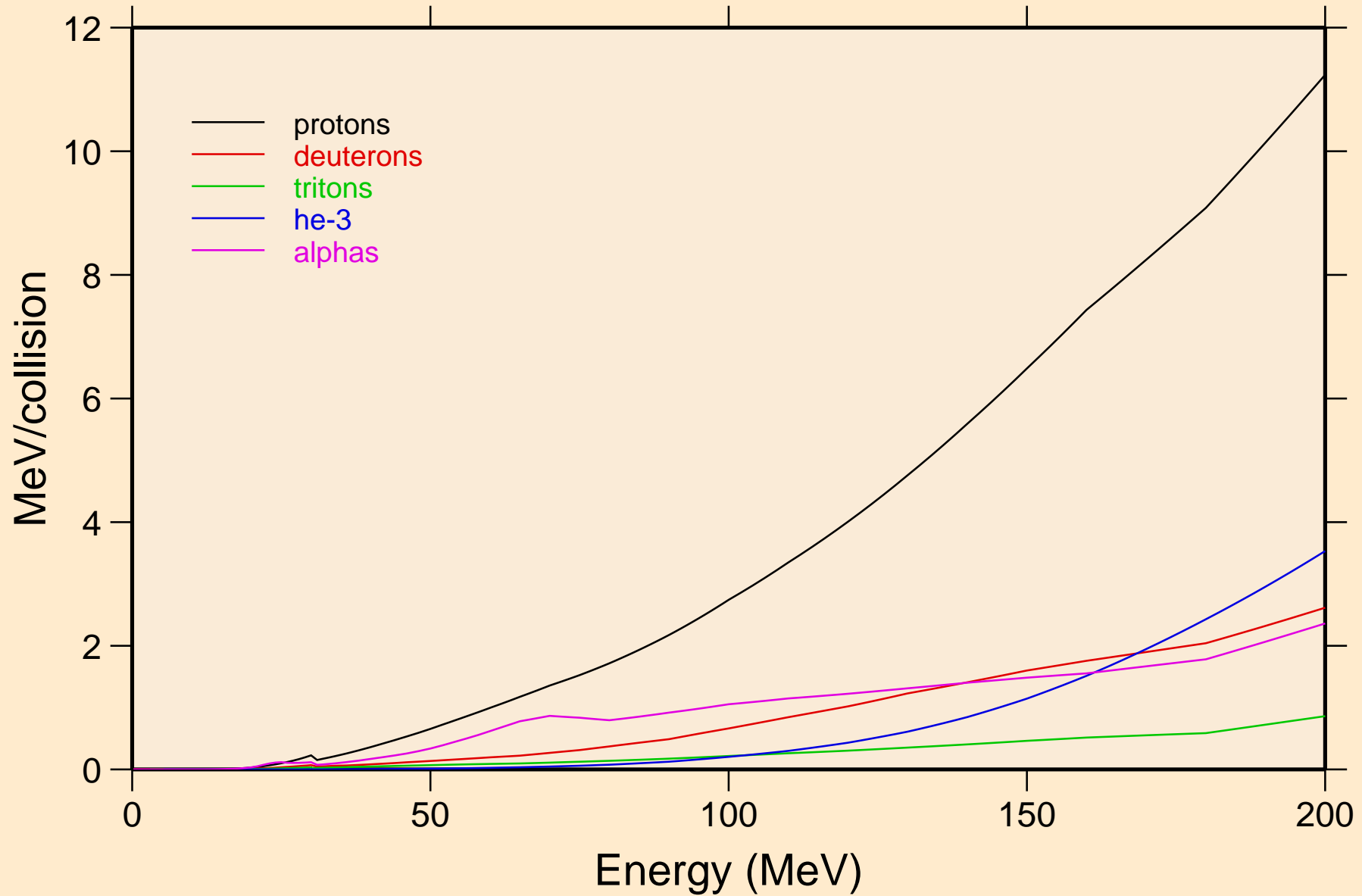


FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

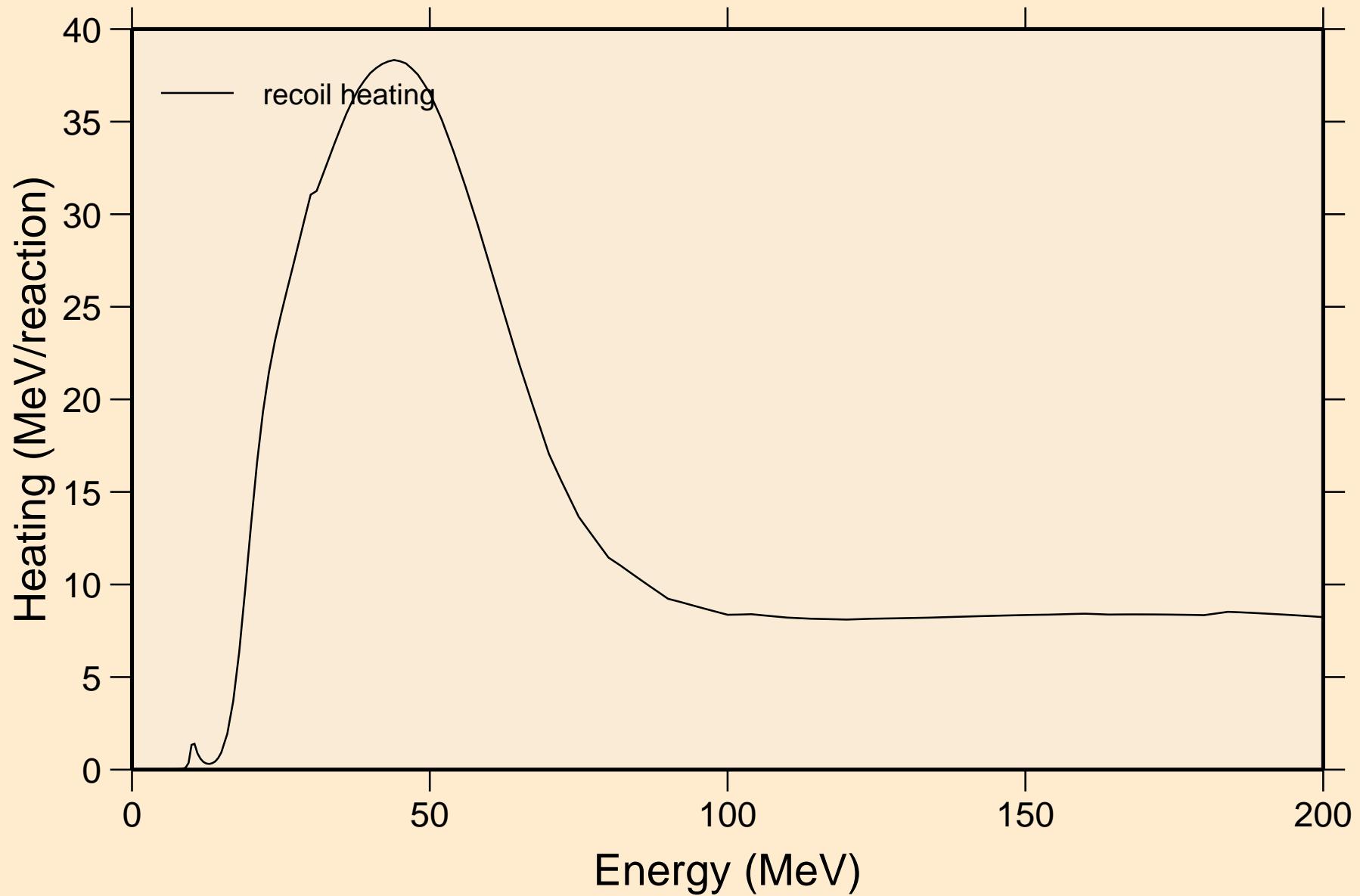


# FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

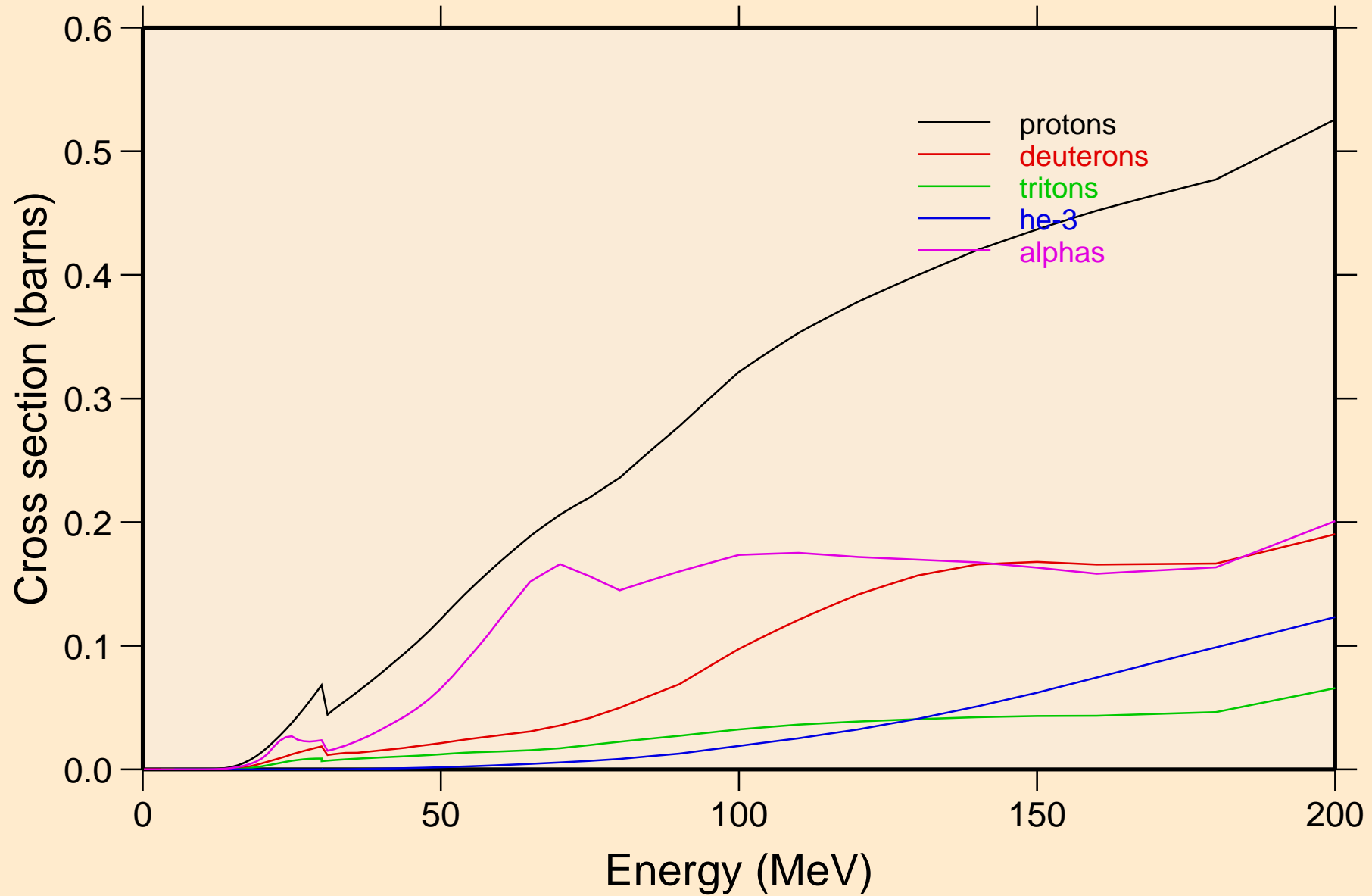
## Particle heating contributions



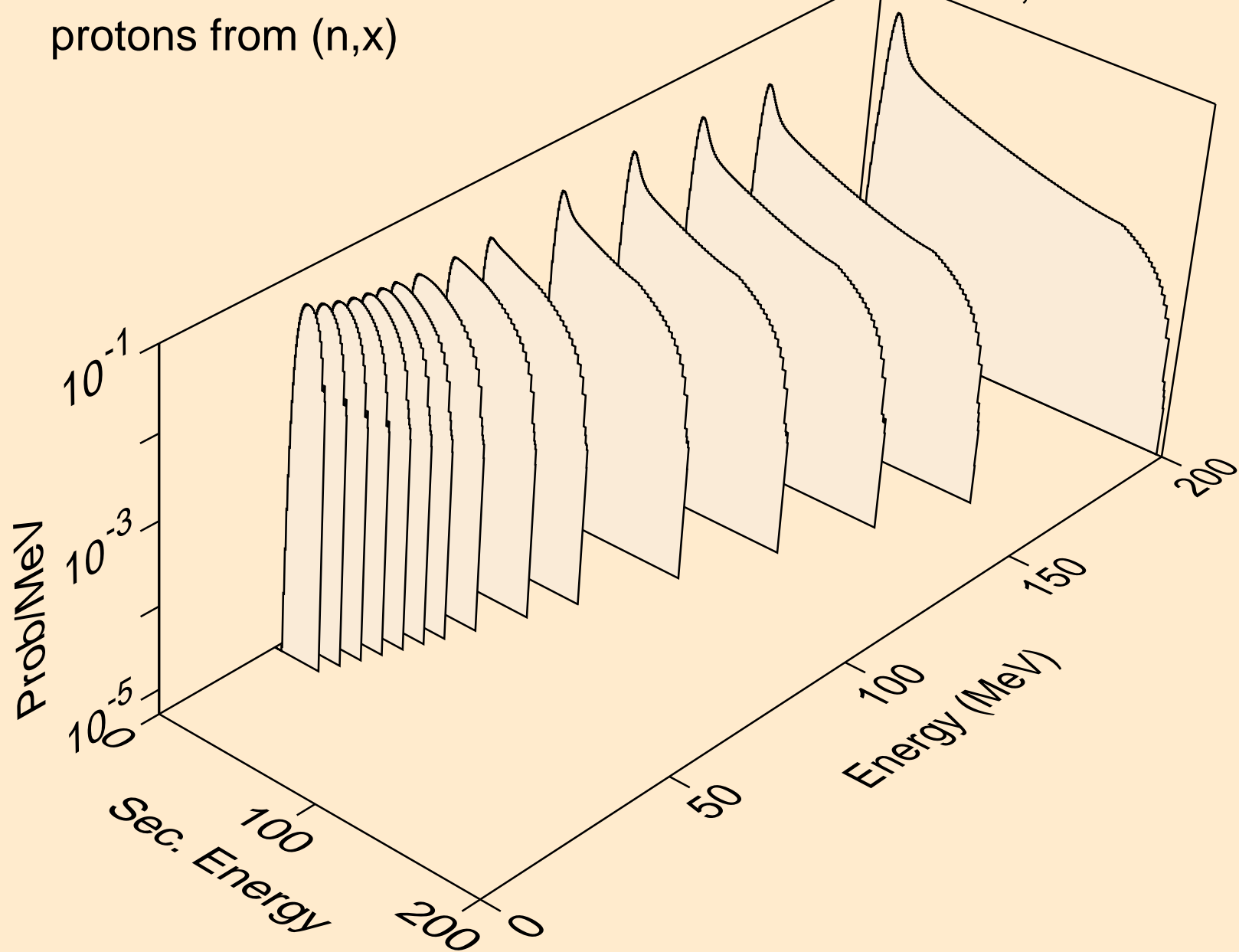
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



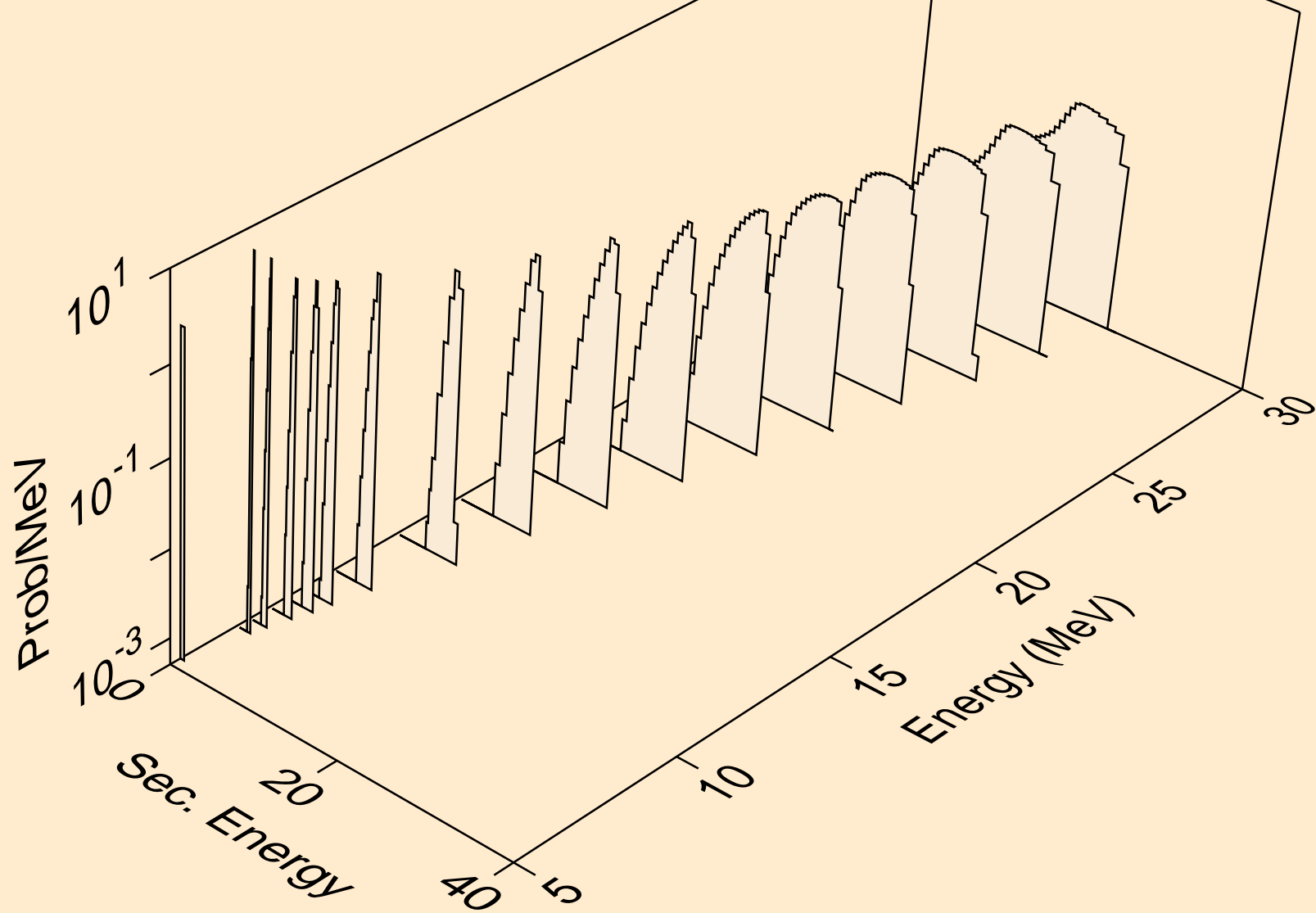
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



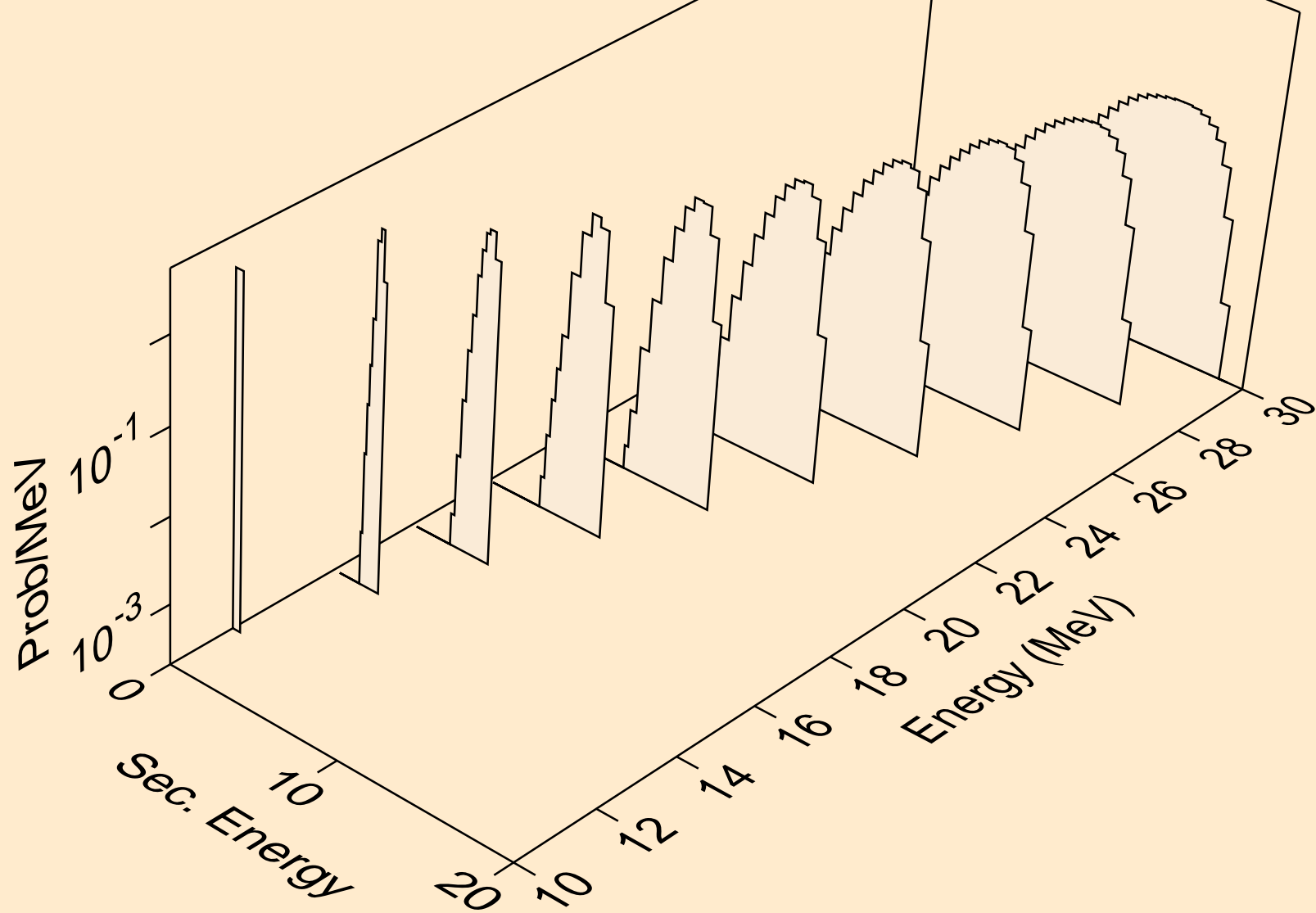
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



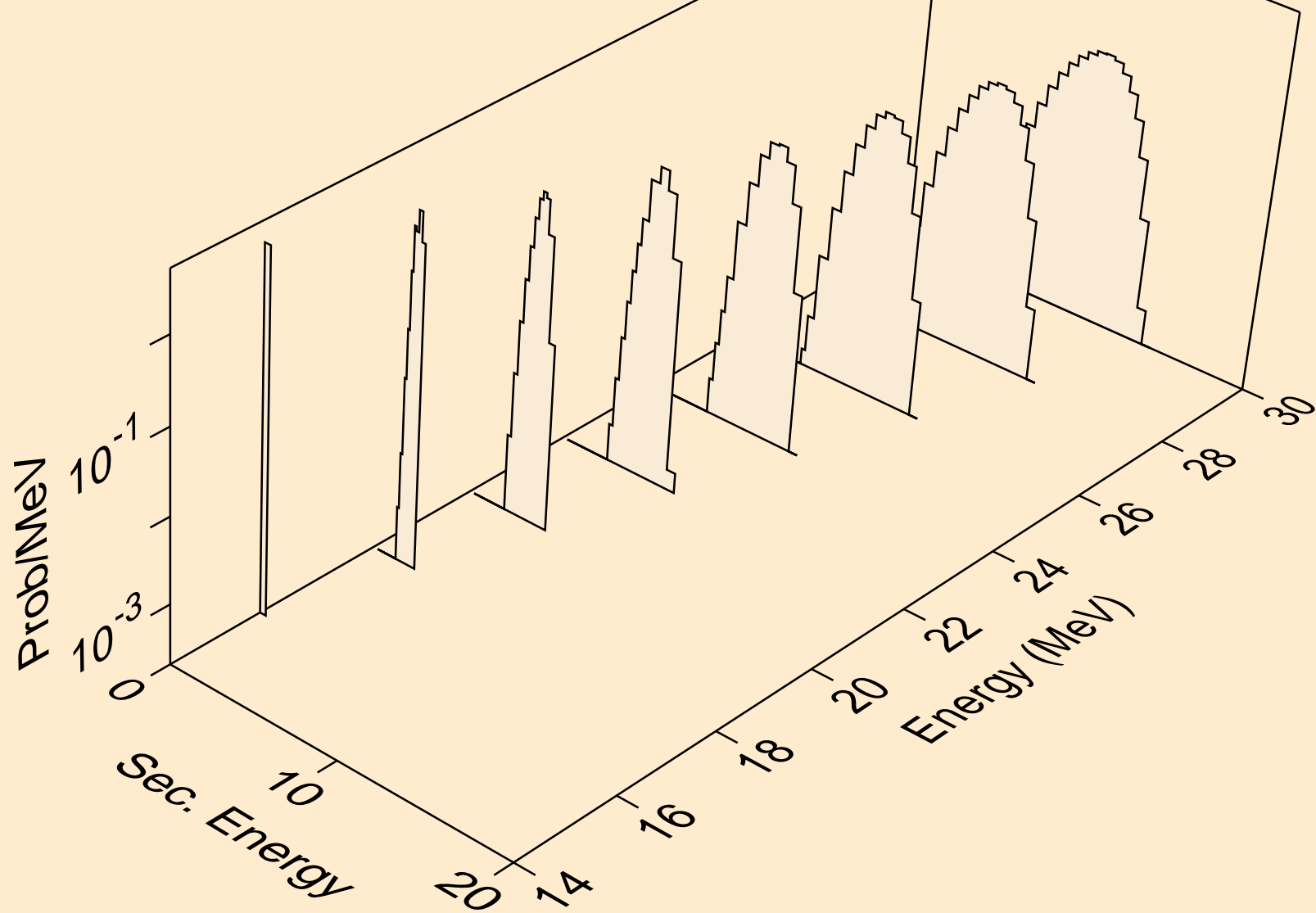
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



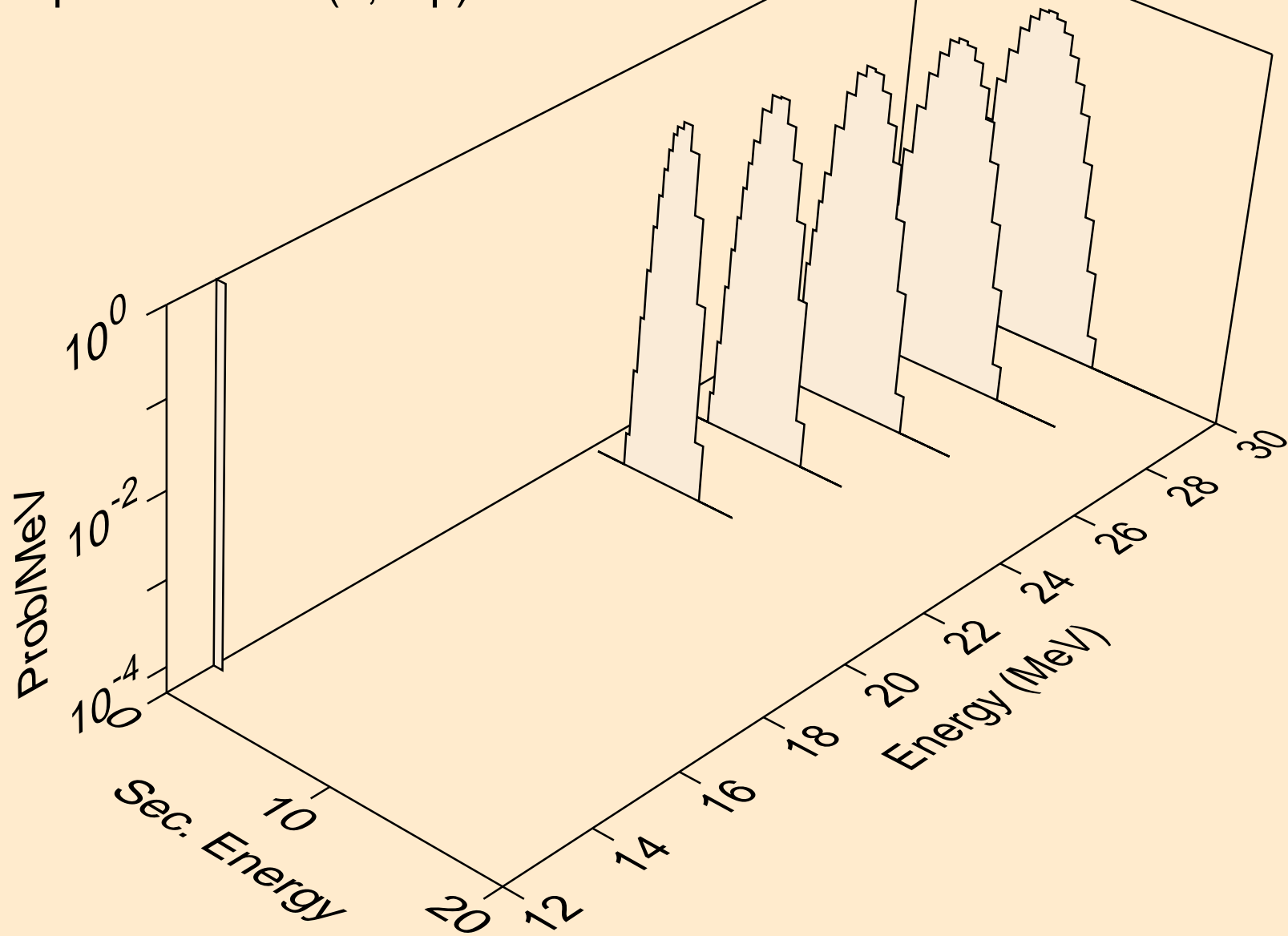
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



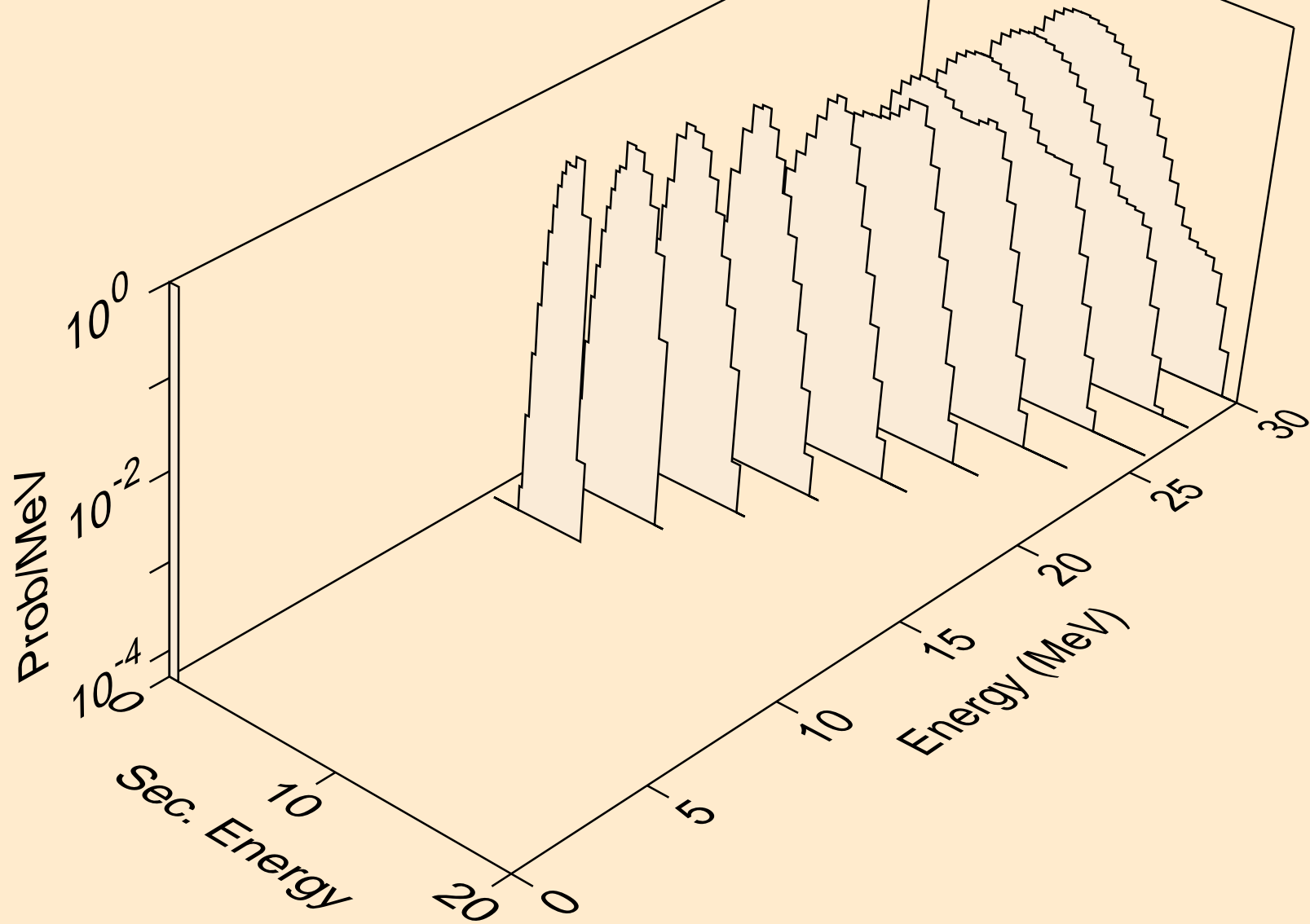
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



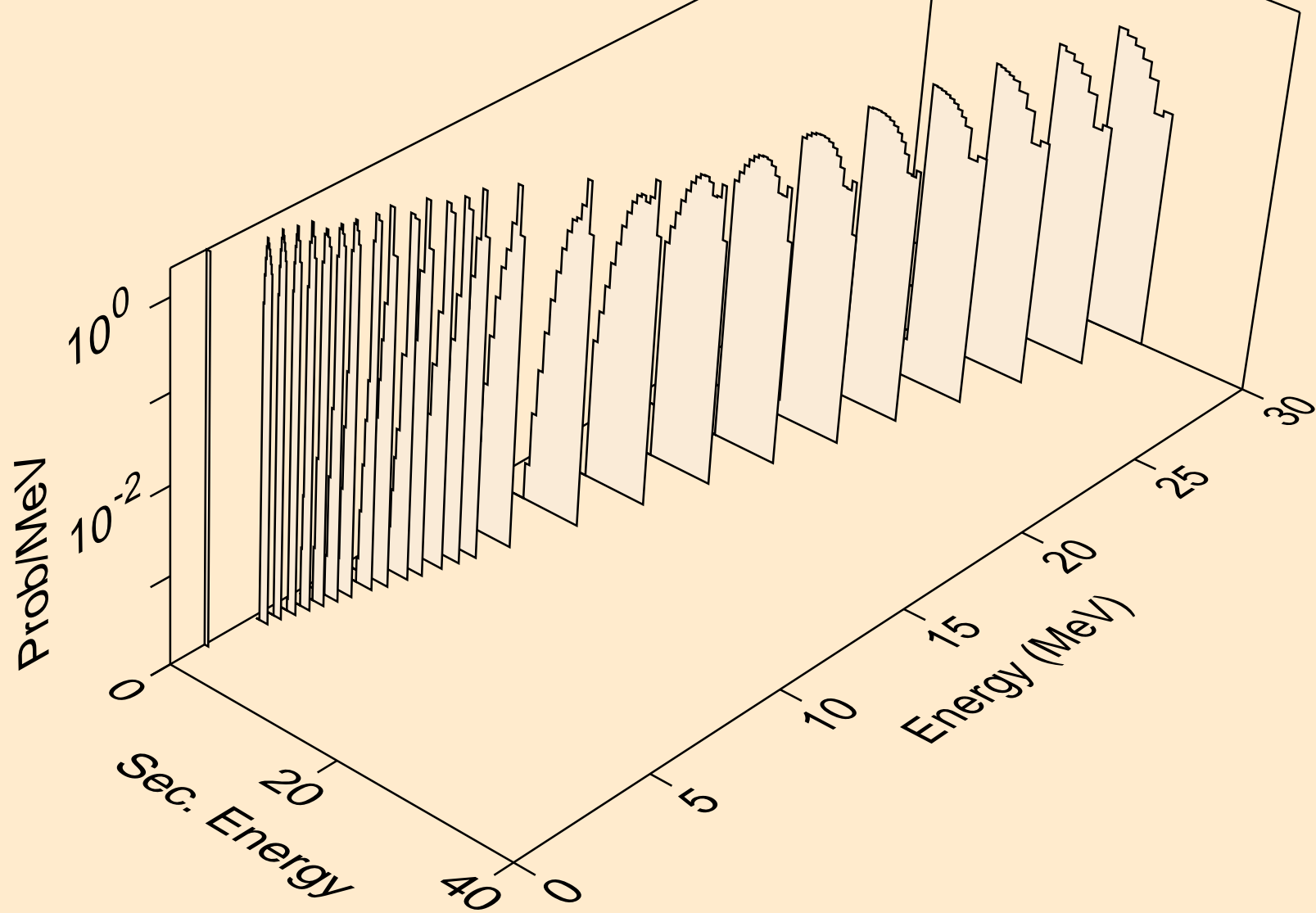
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



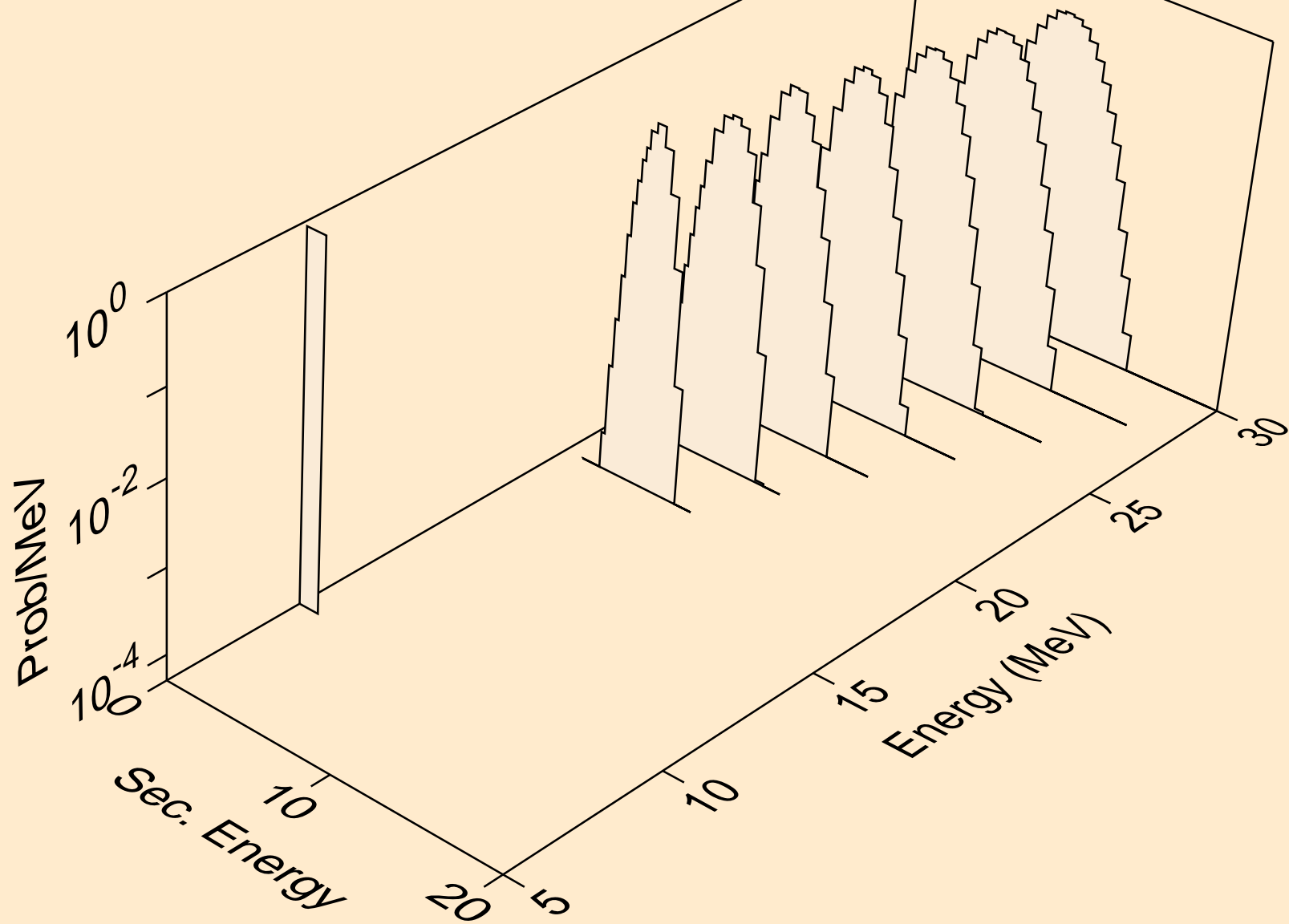
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



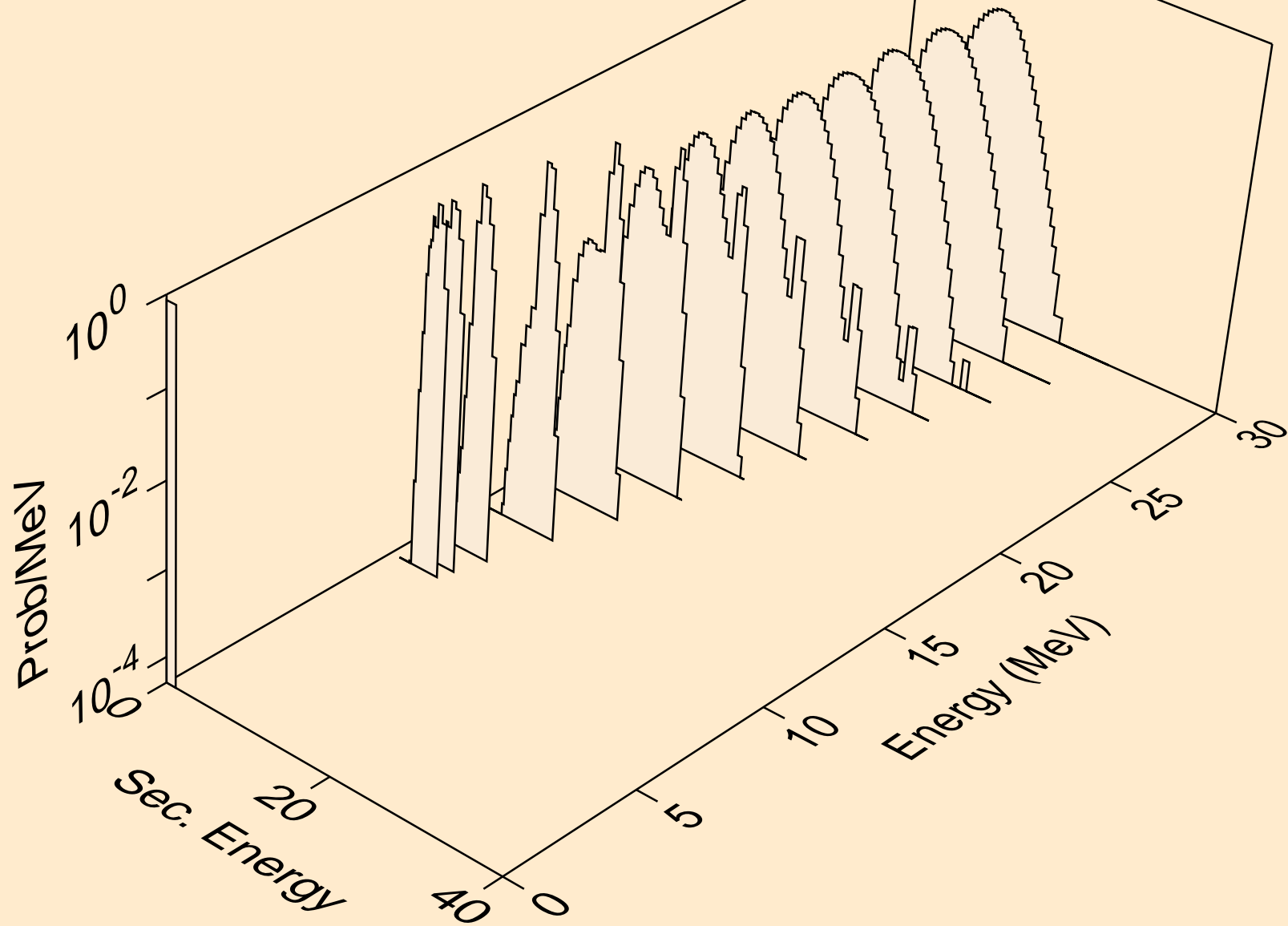
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



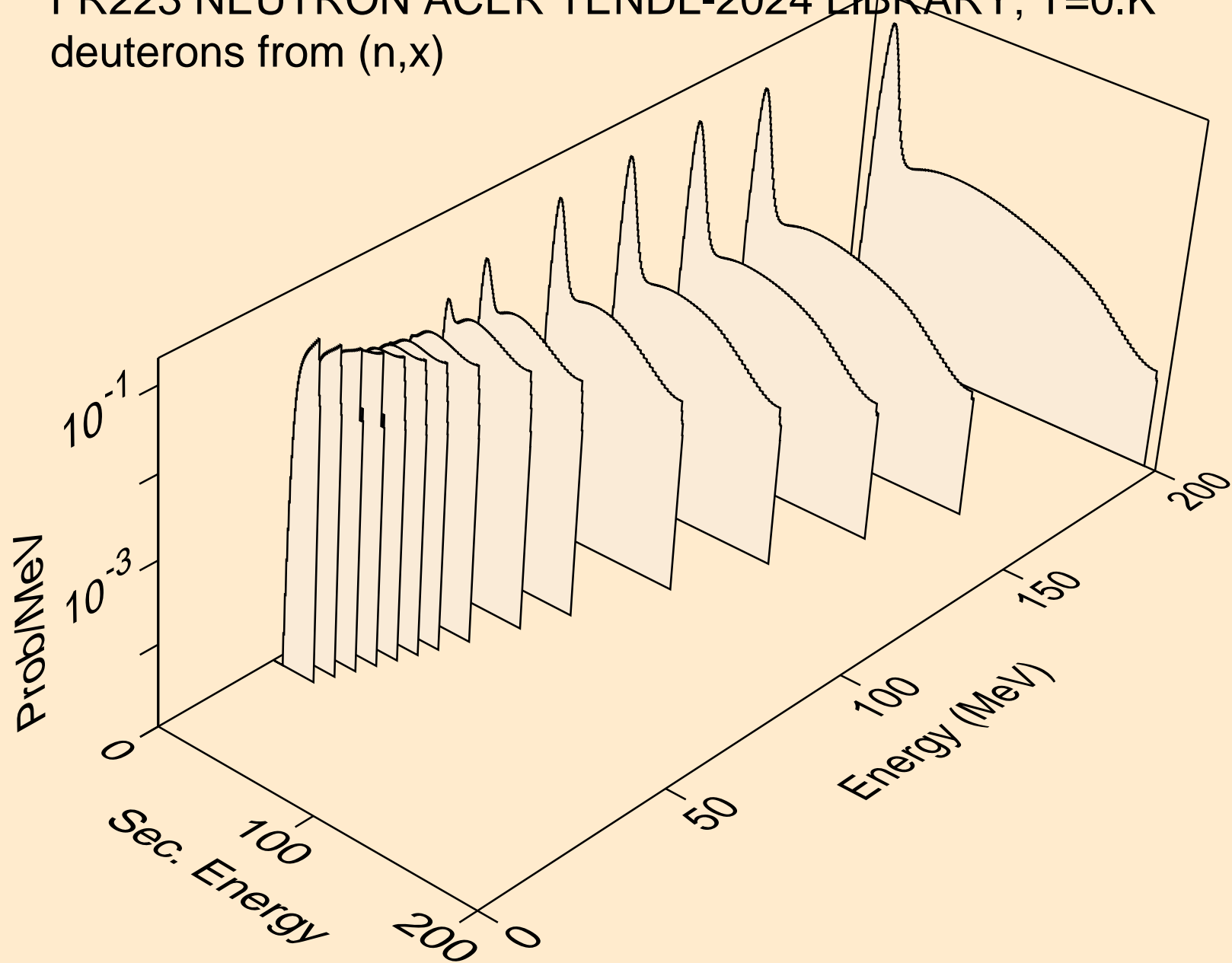
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



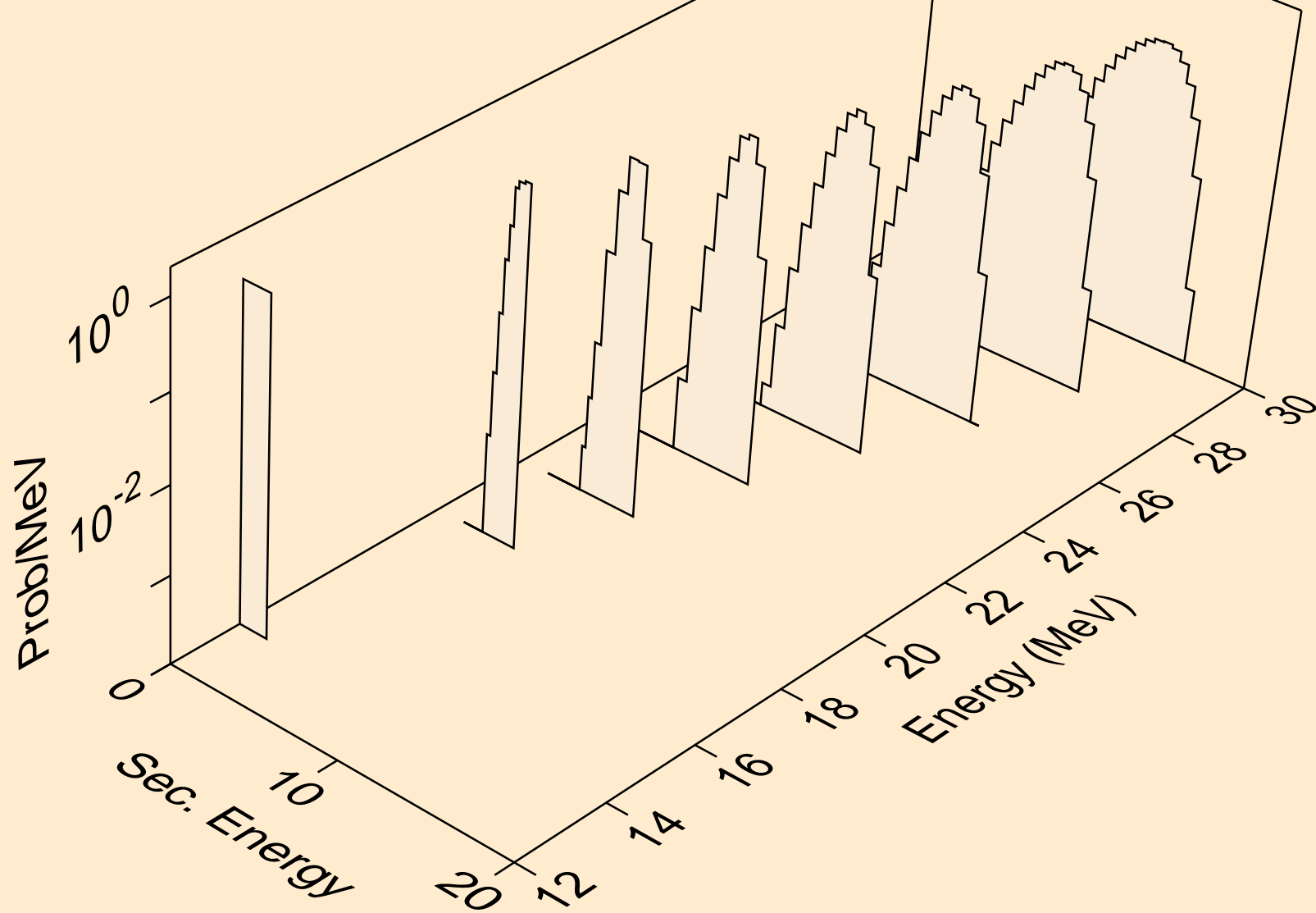
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pa)



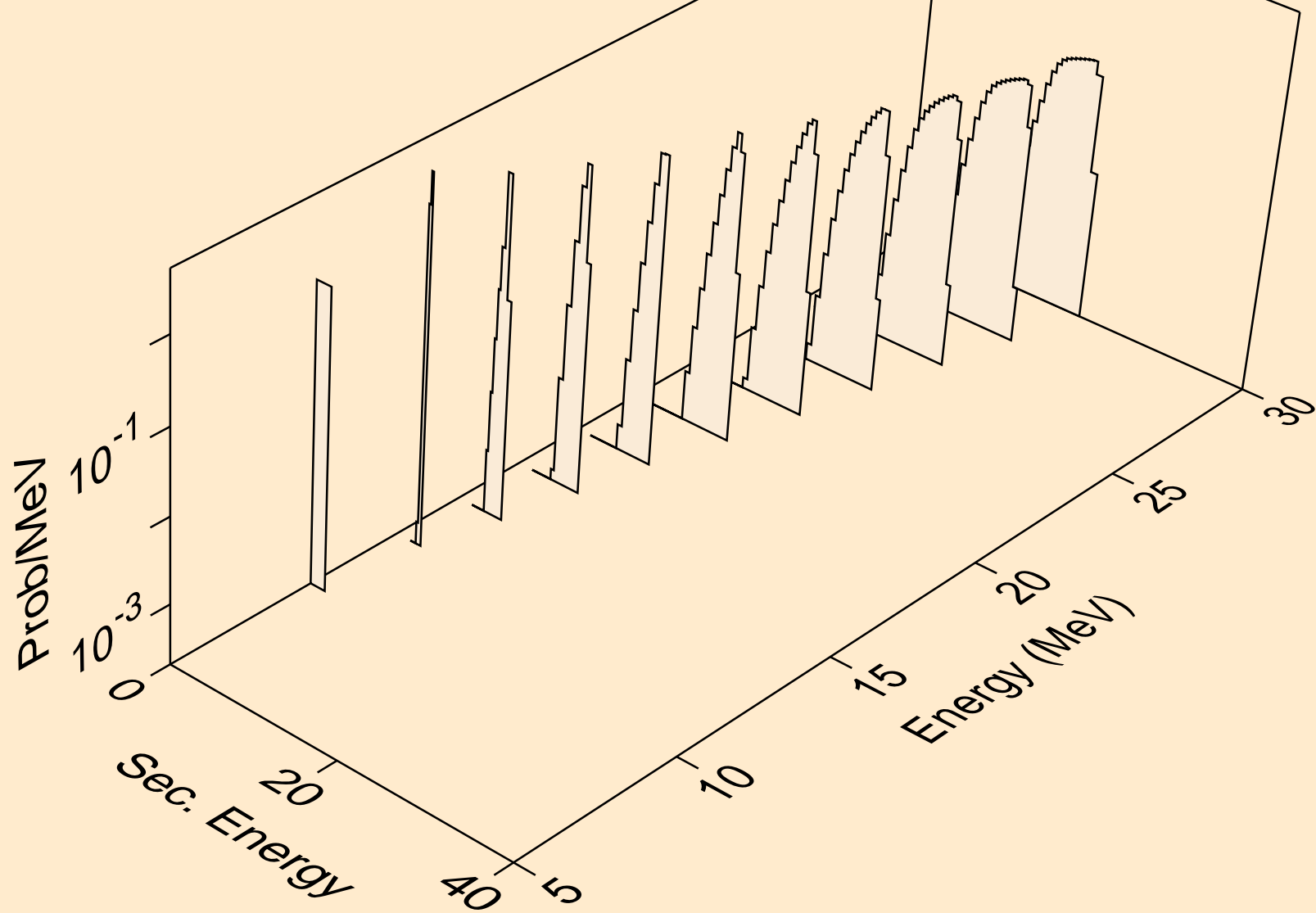
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



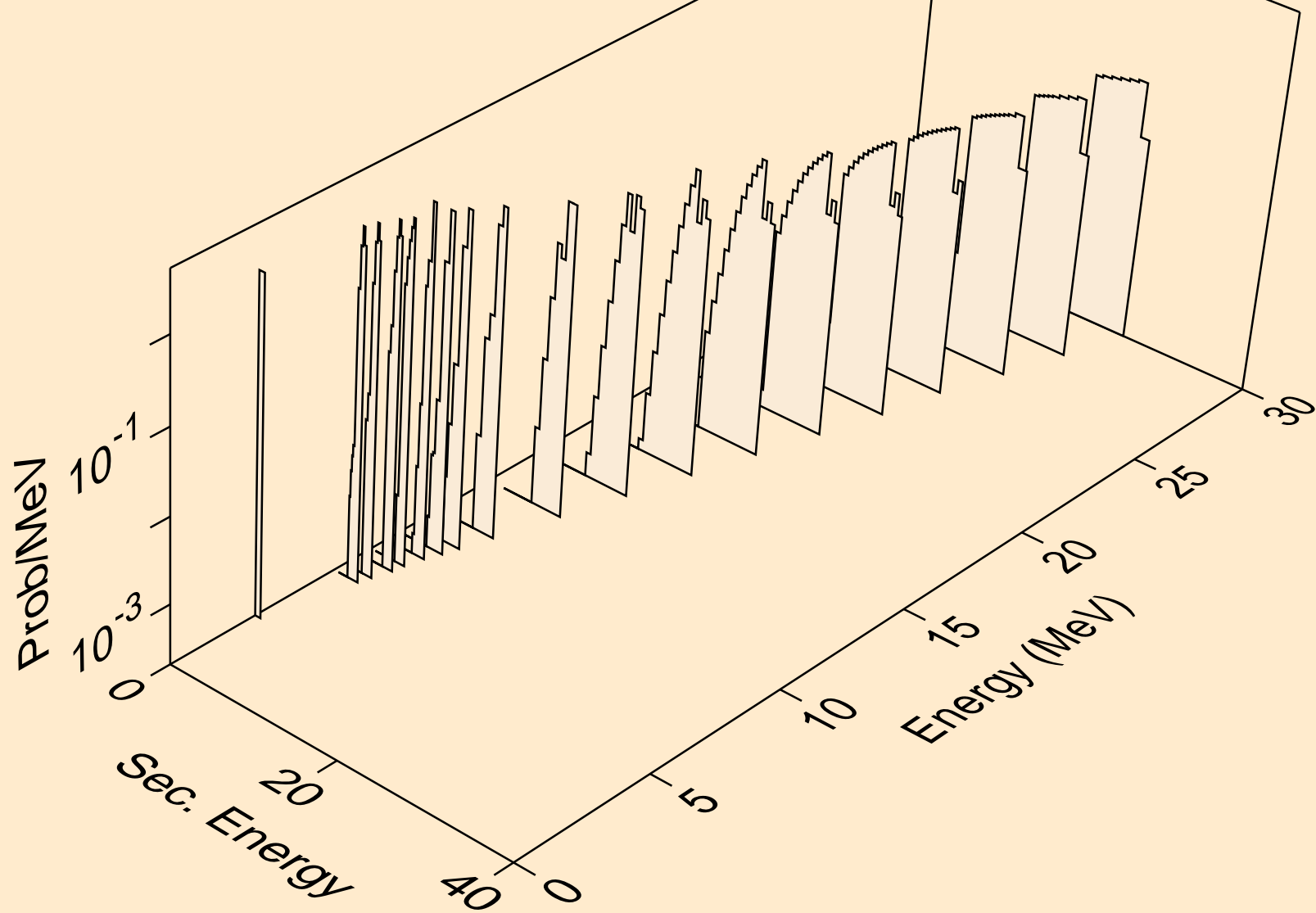
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



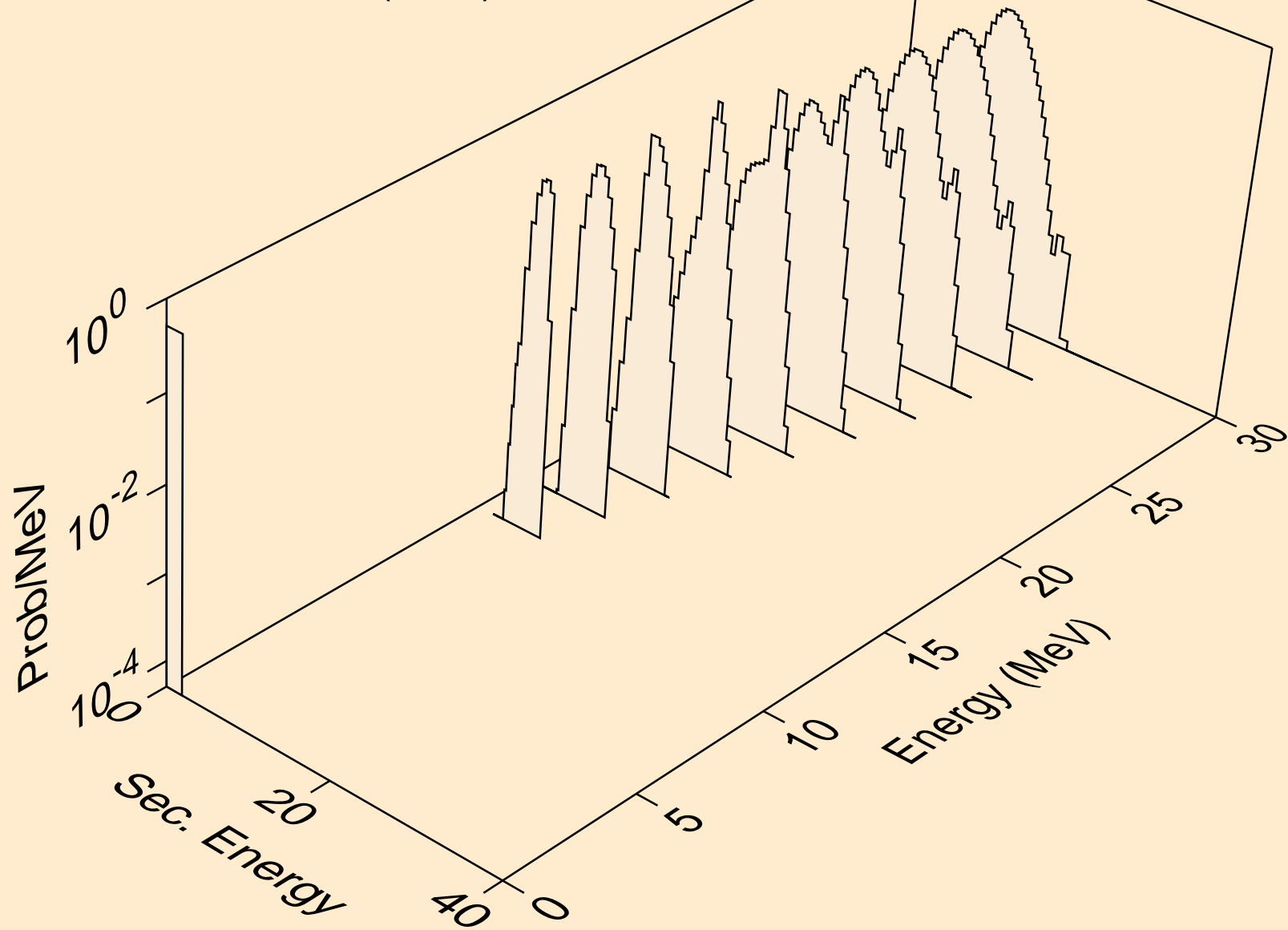
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



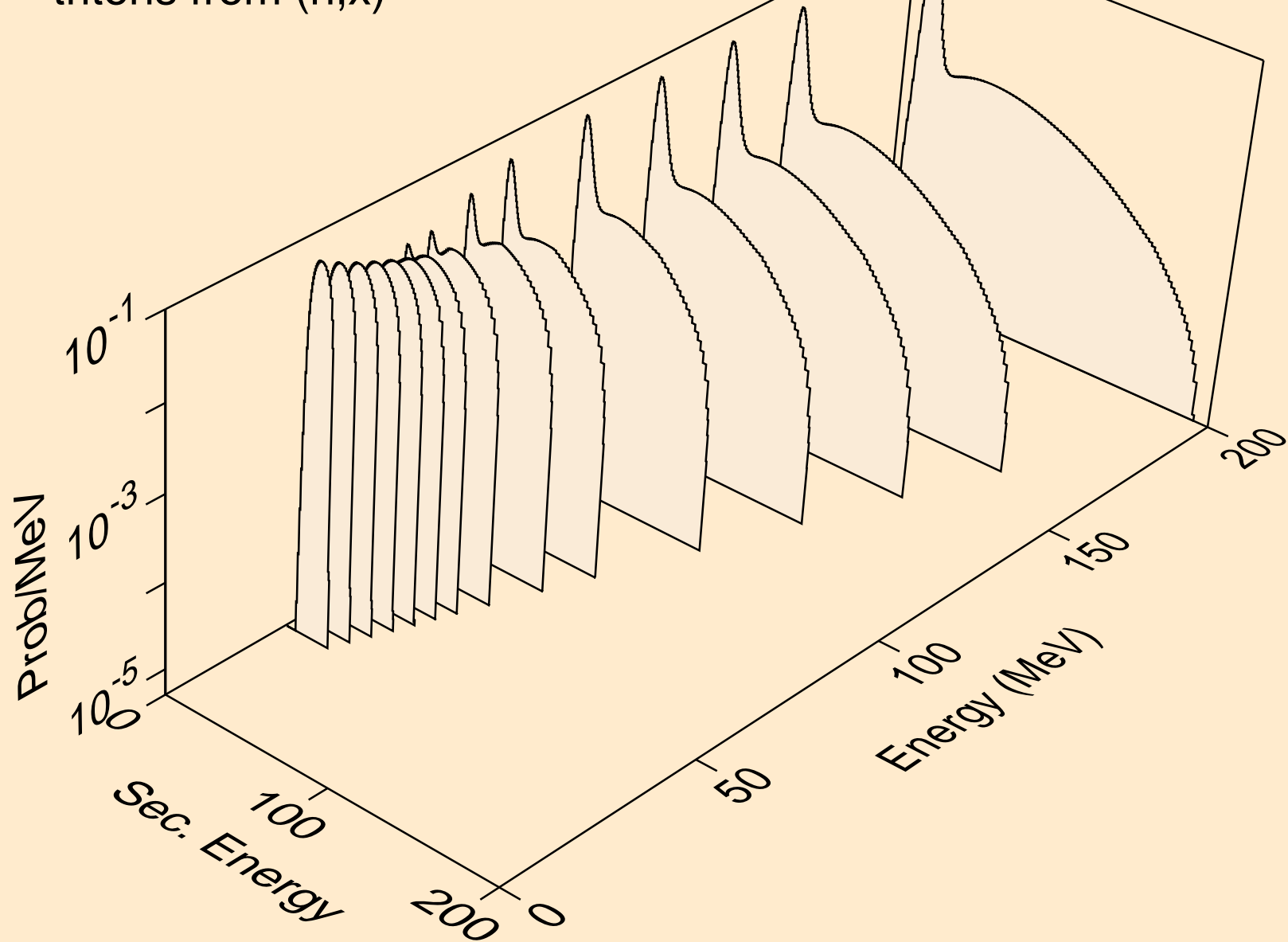
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



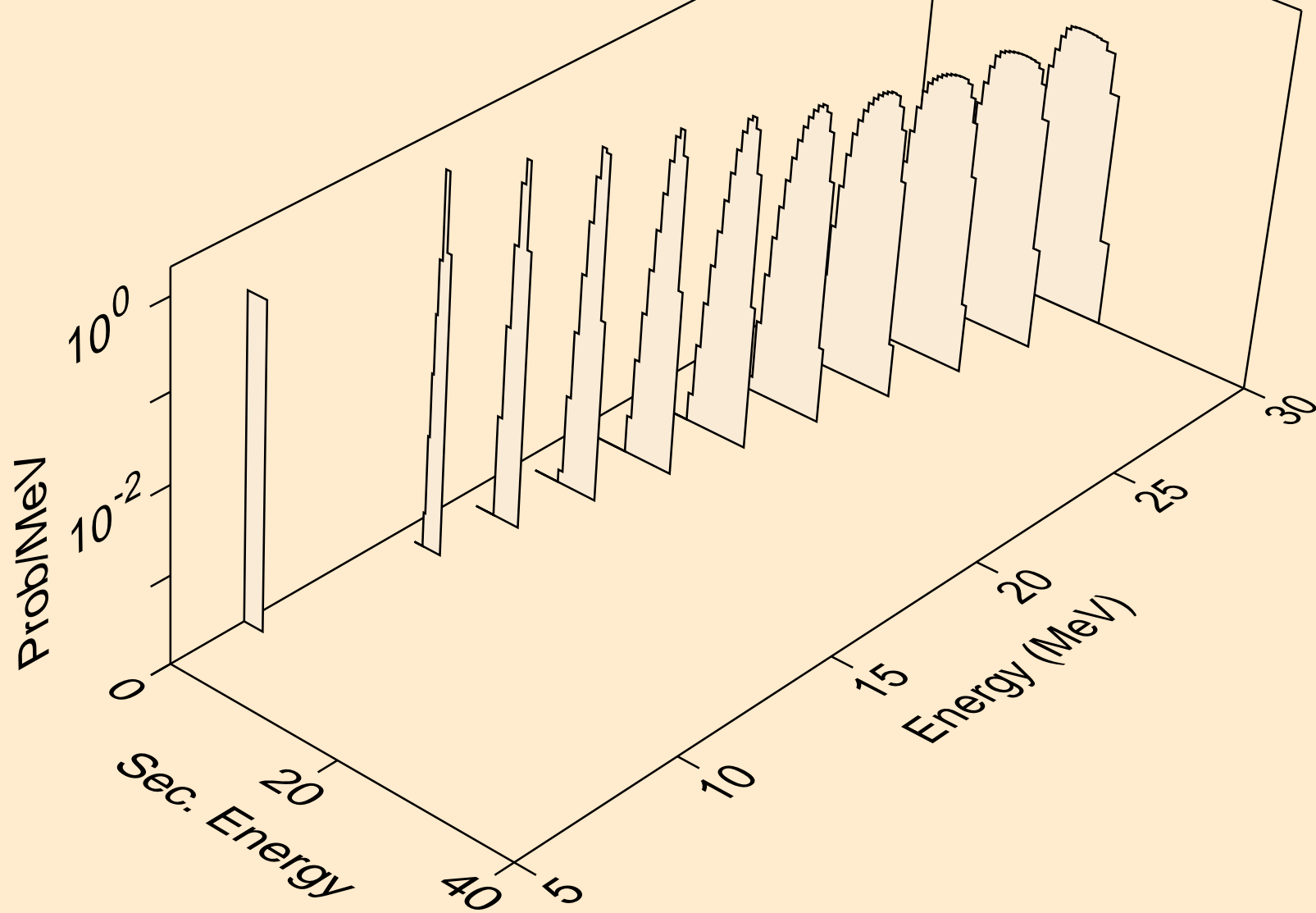
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



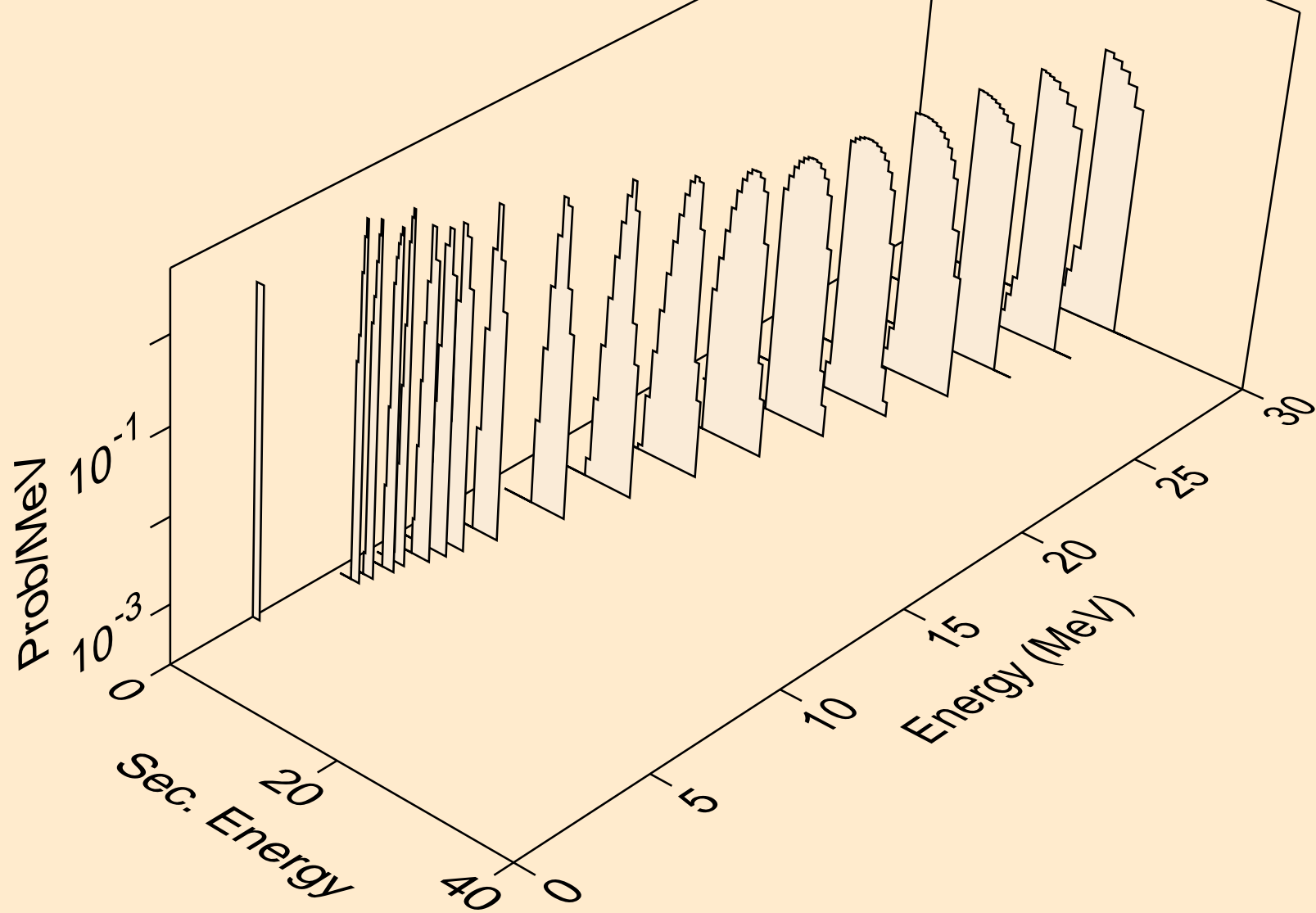
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



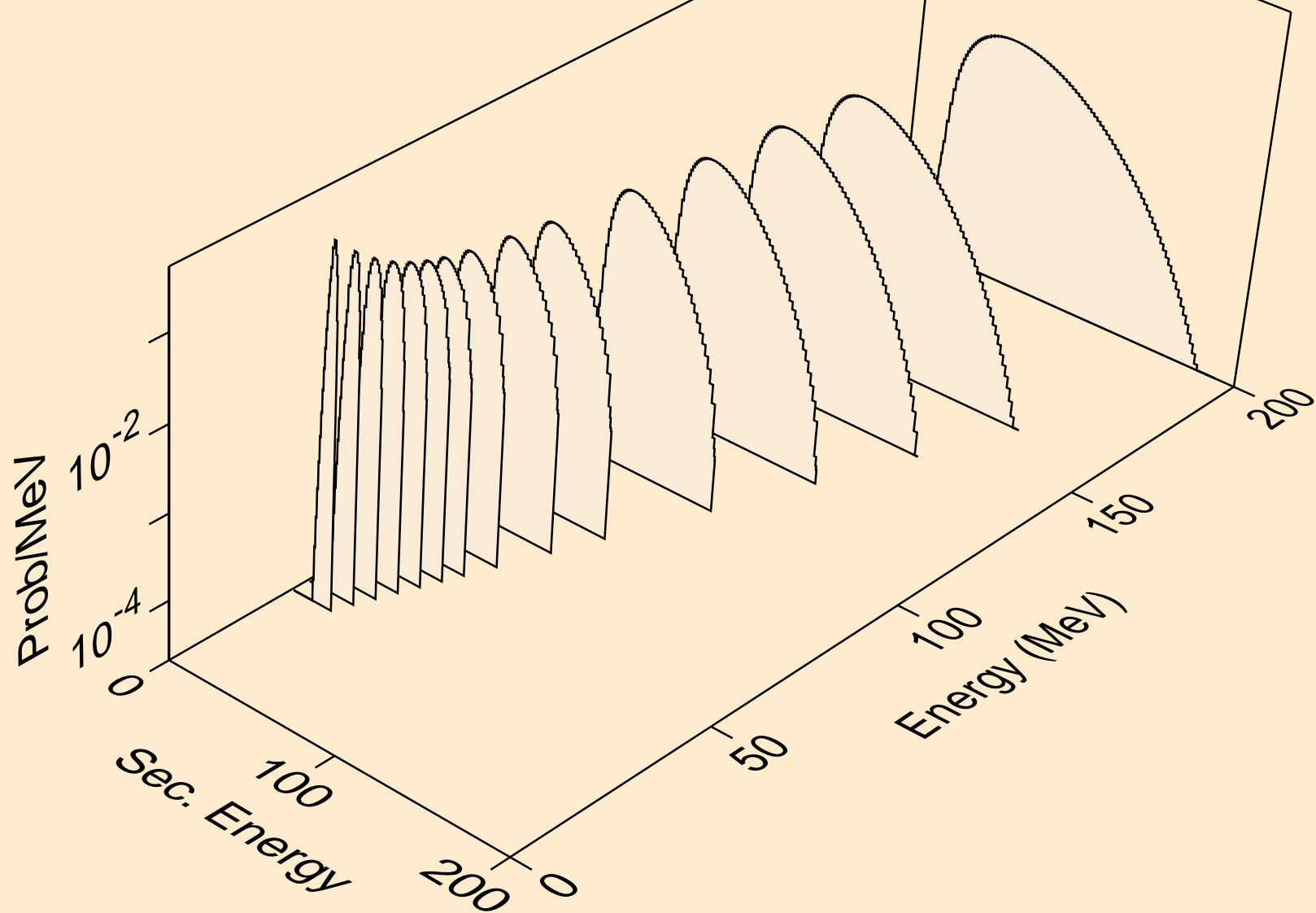
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



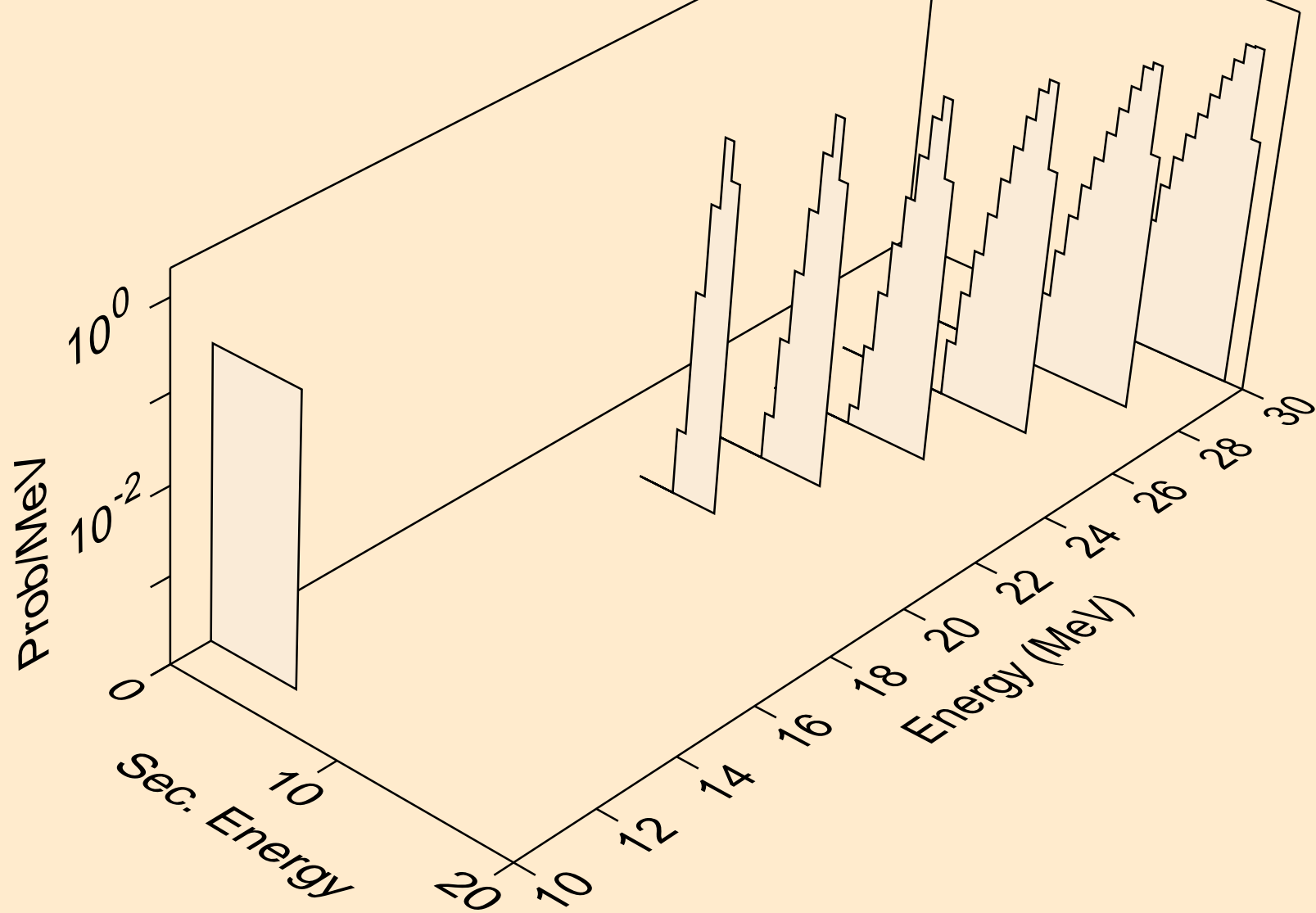
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



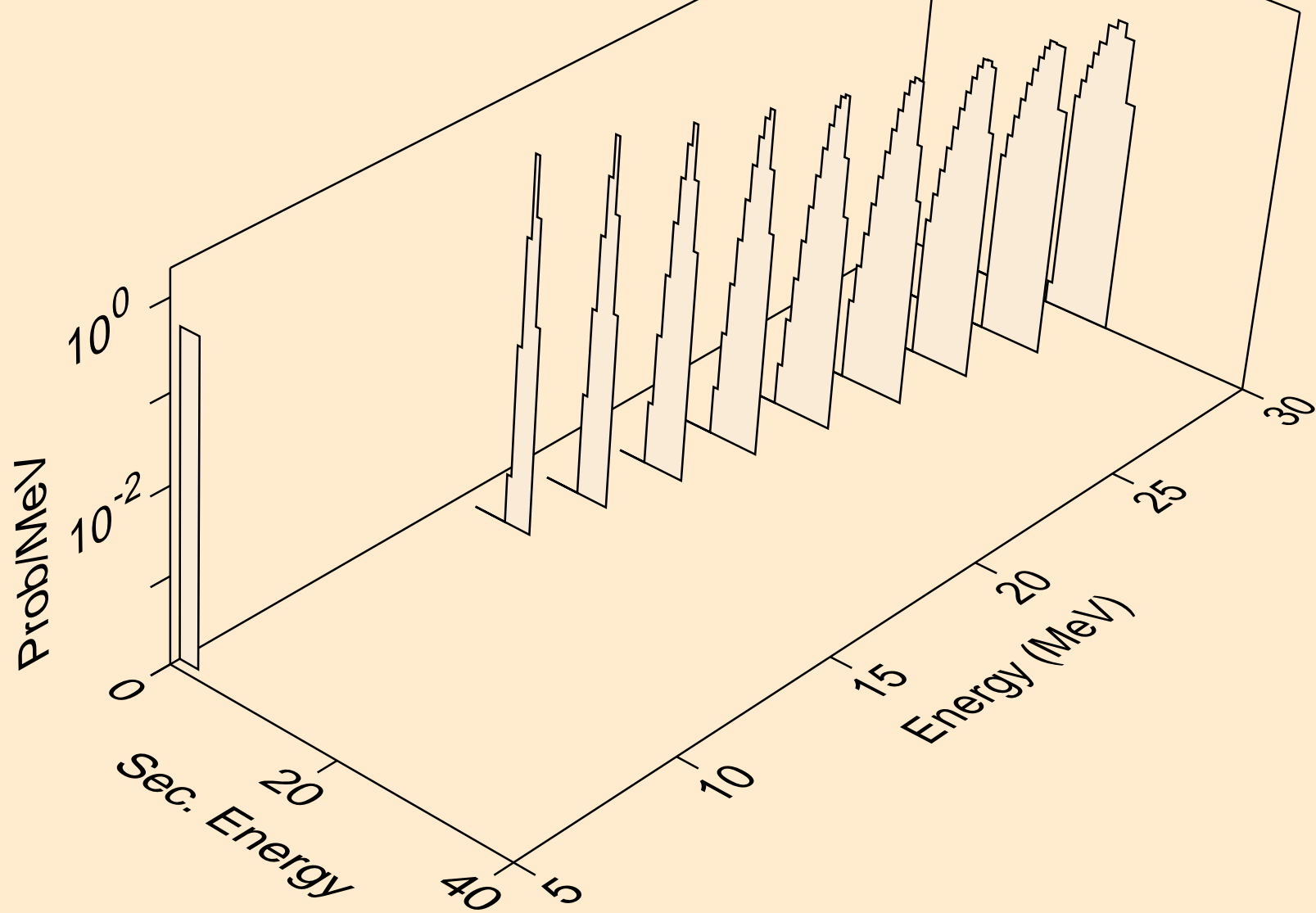
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



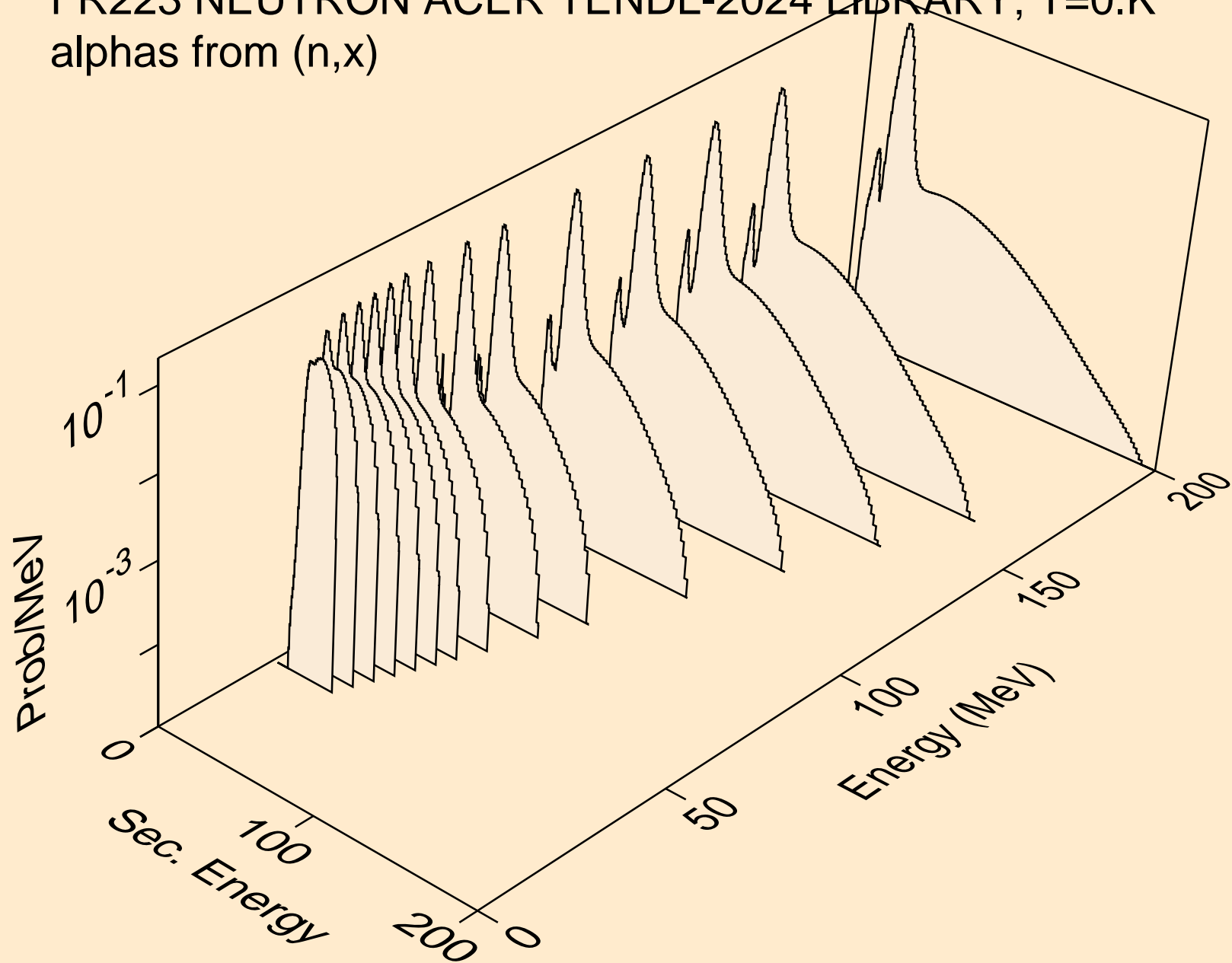
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



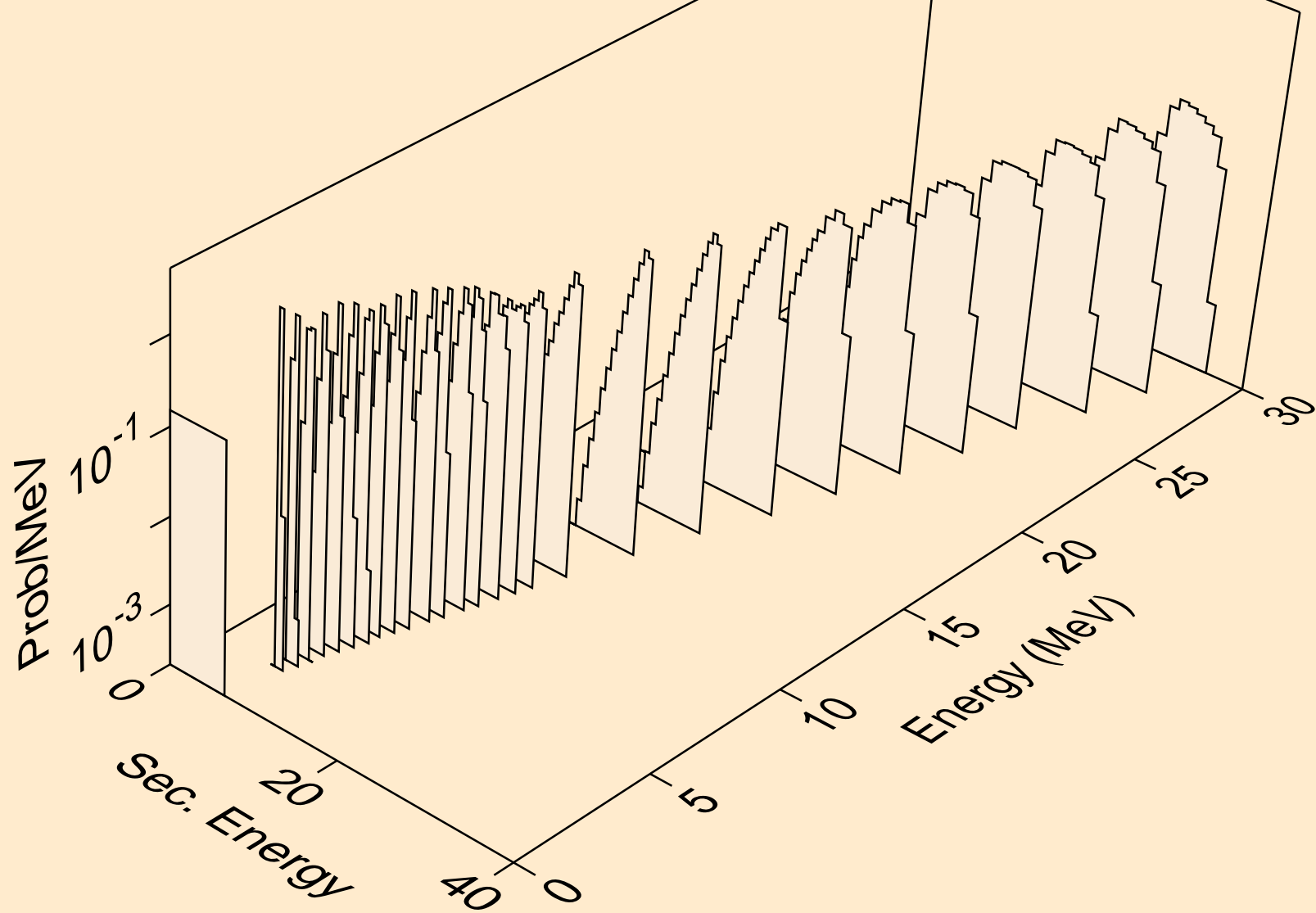
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



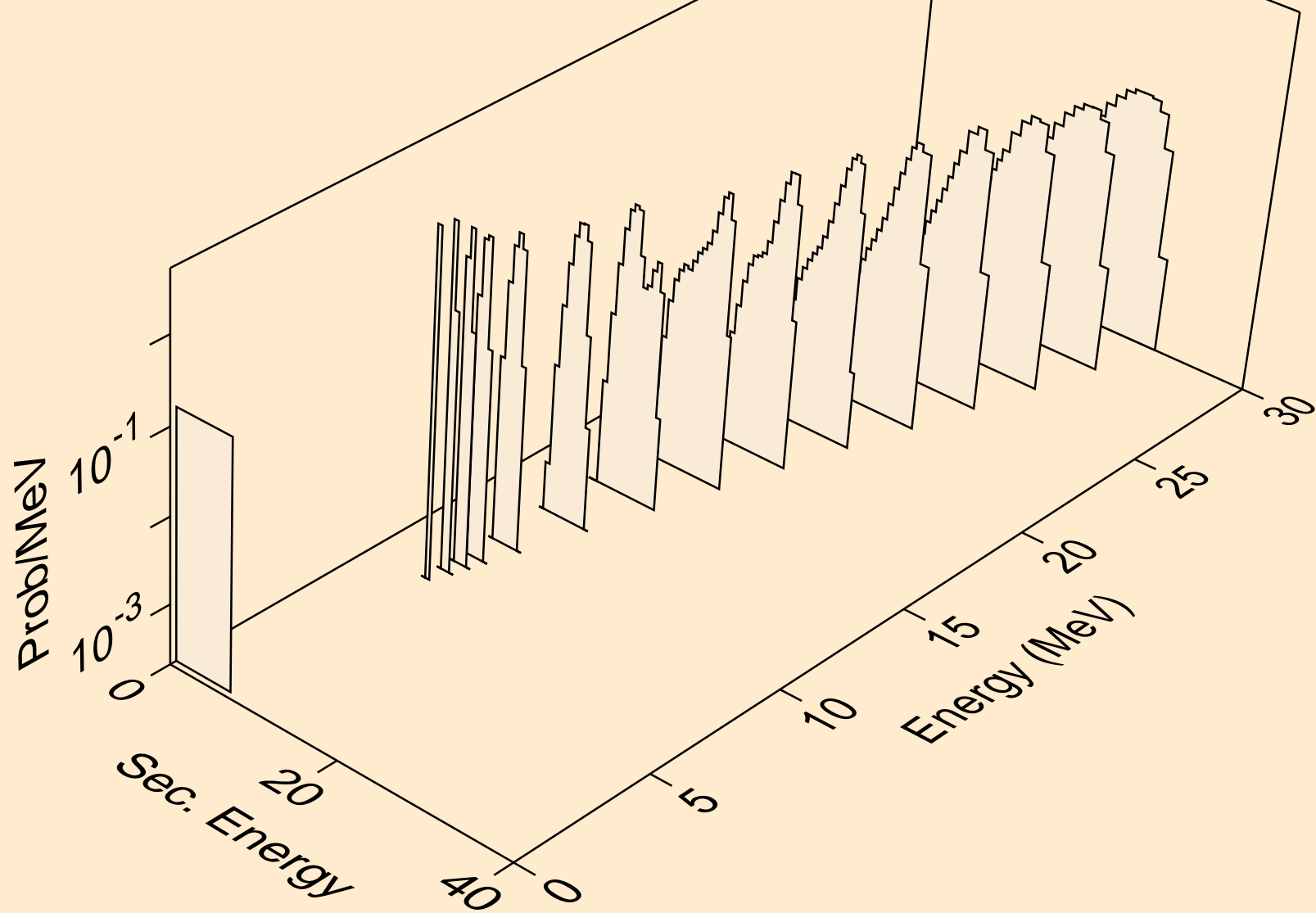
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



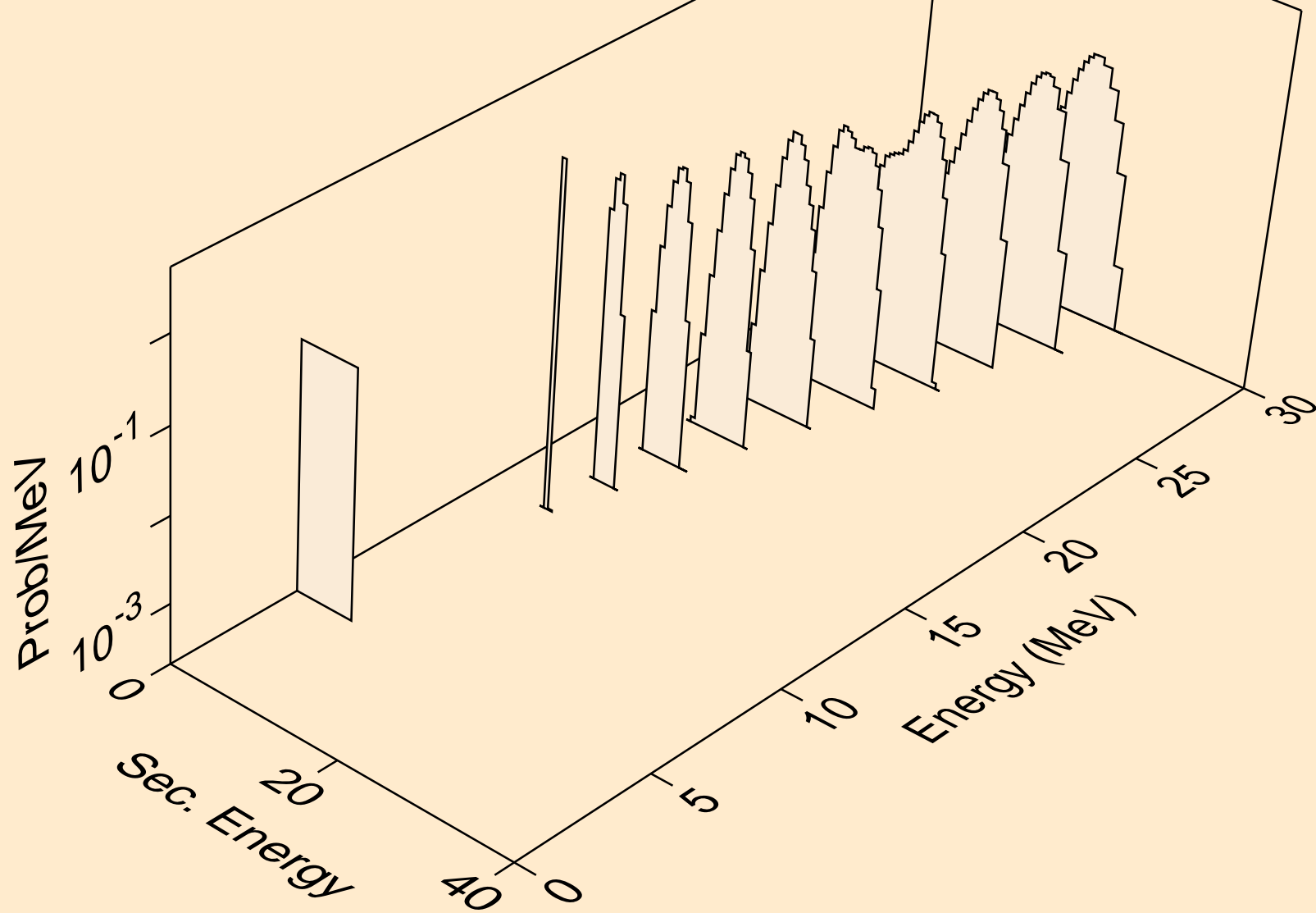
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



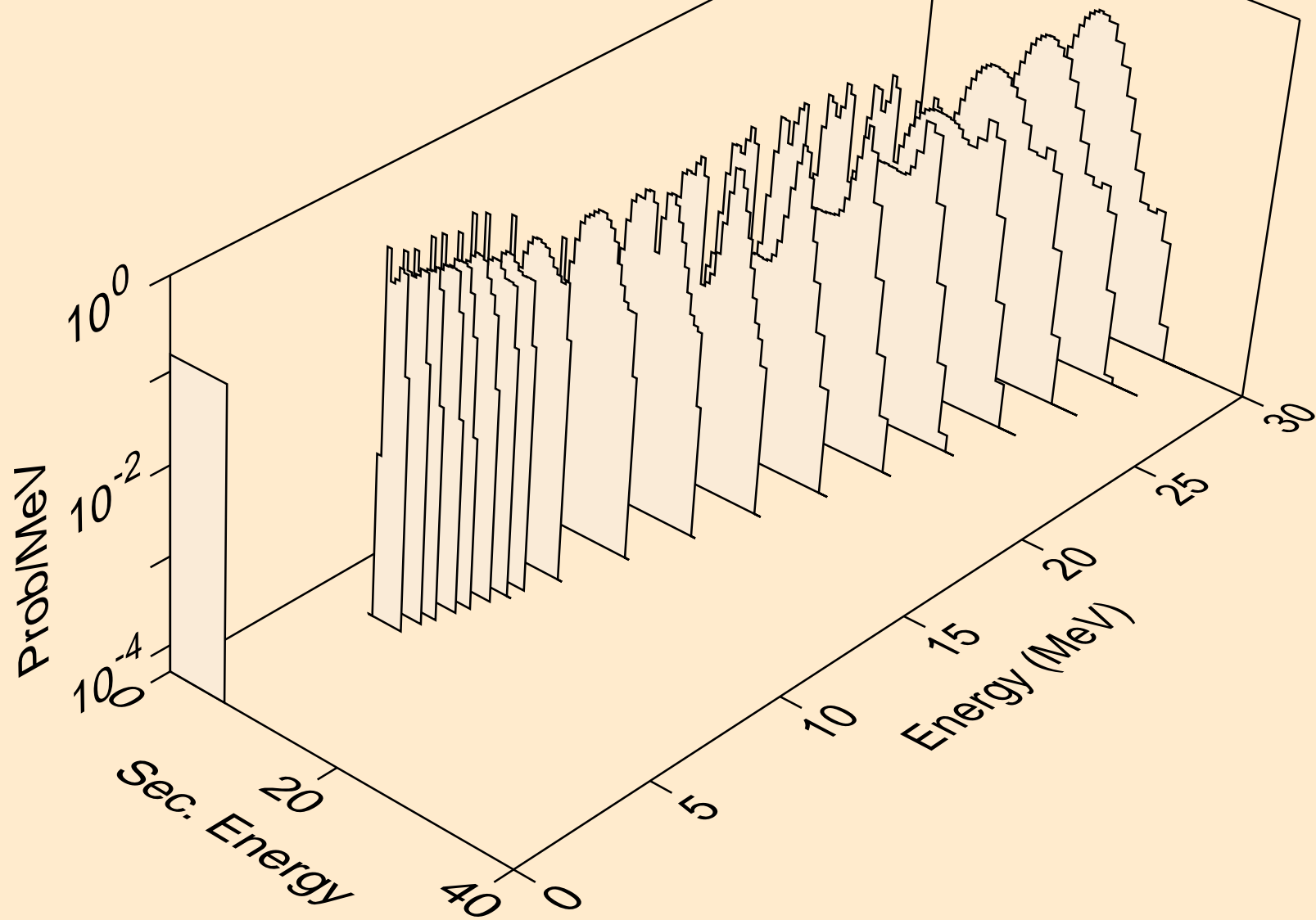
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



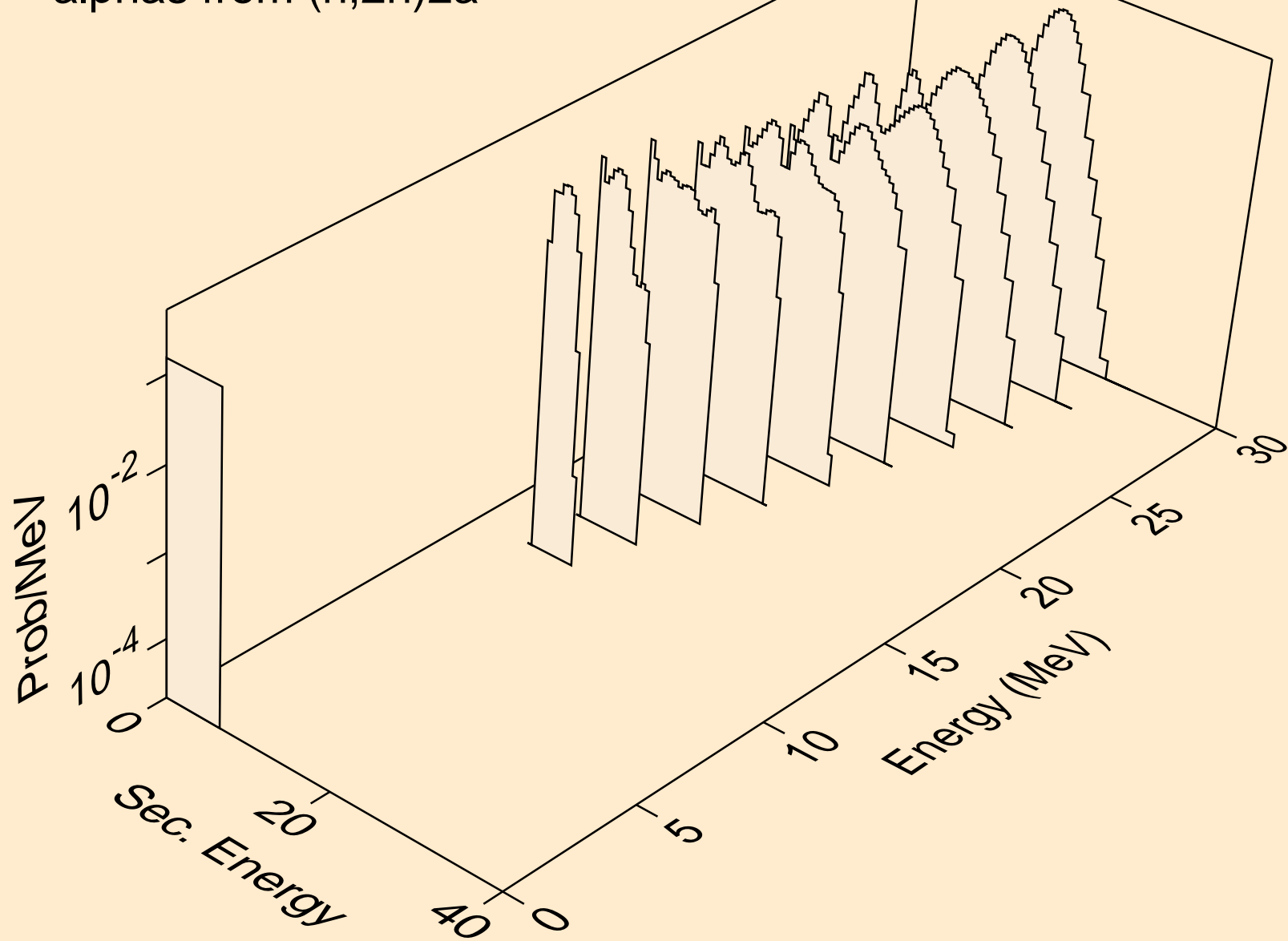
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



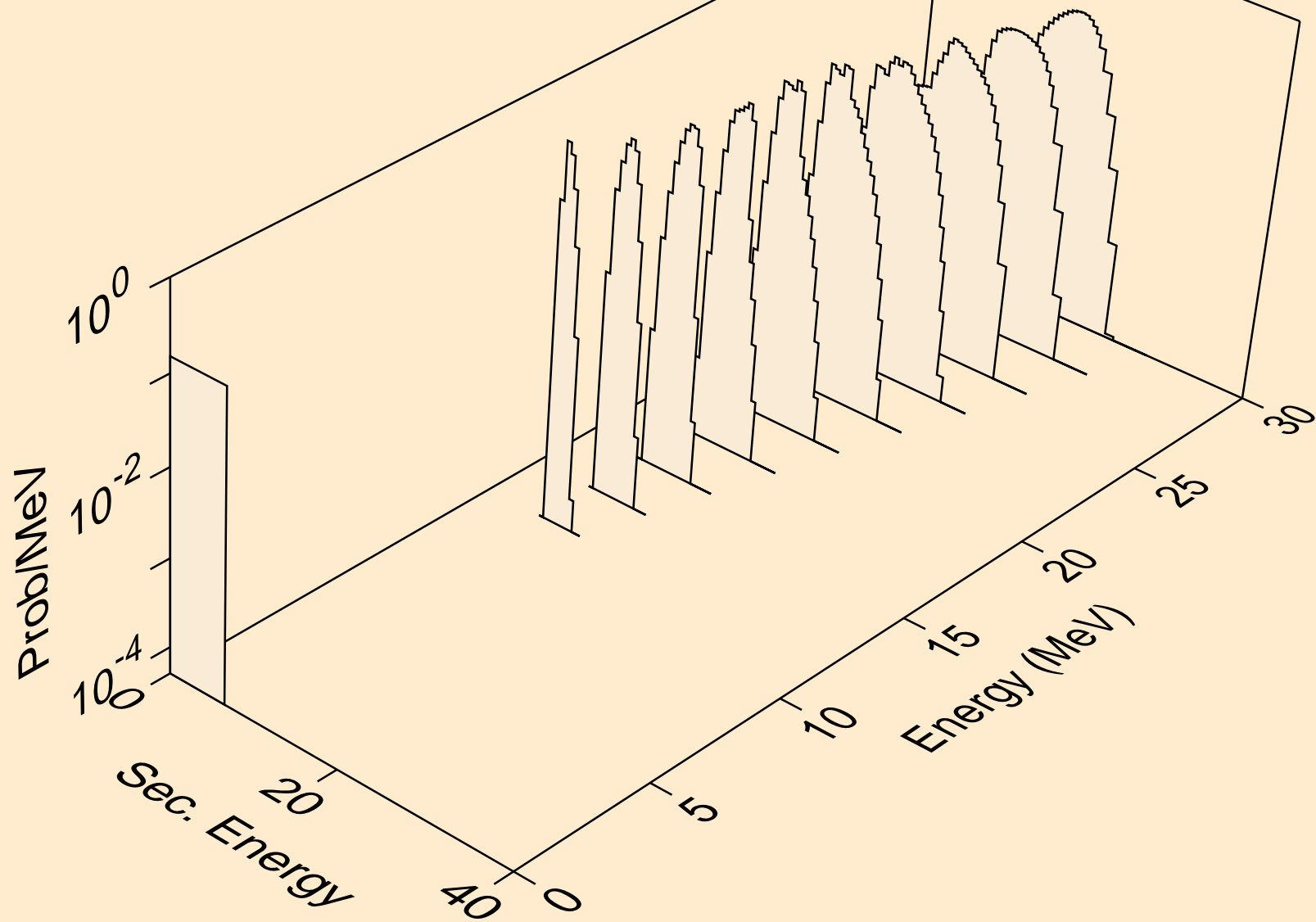
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



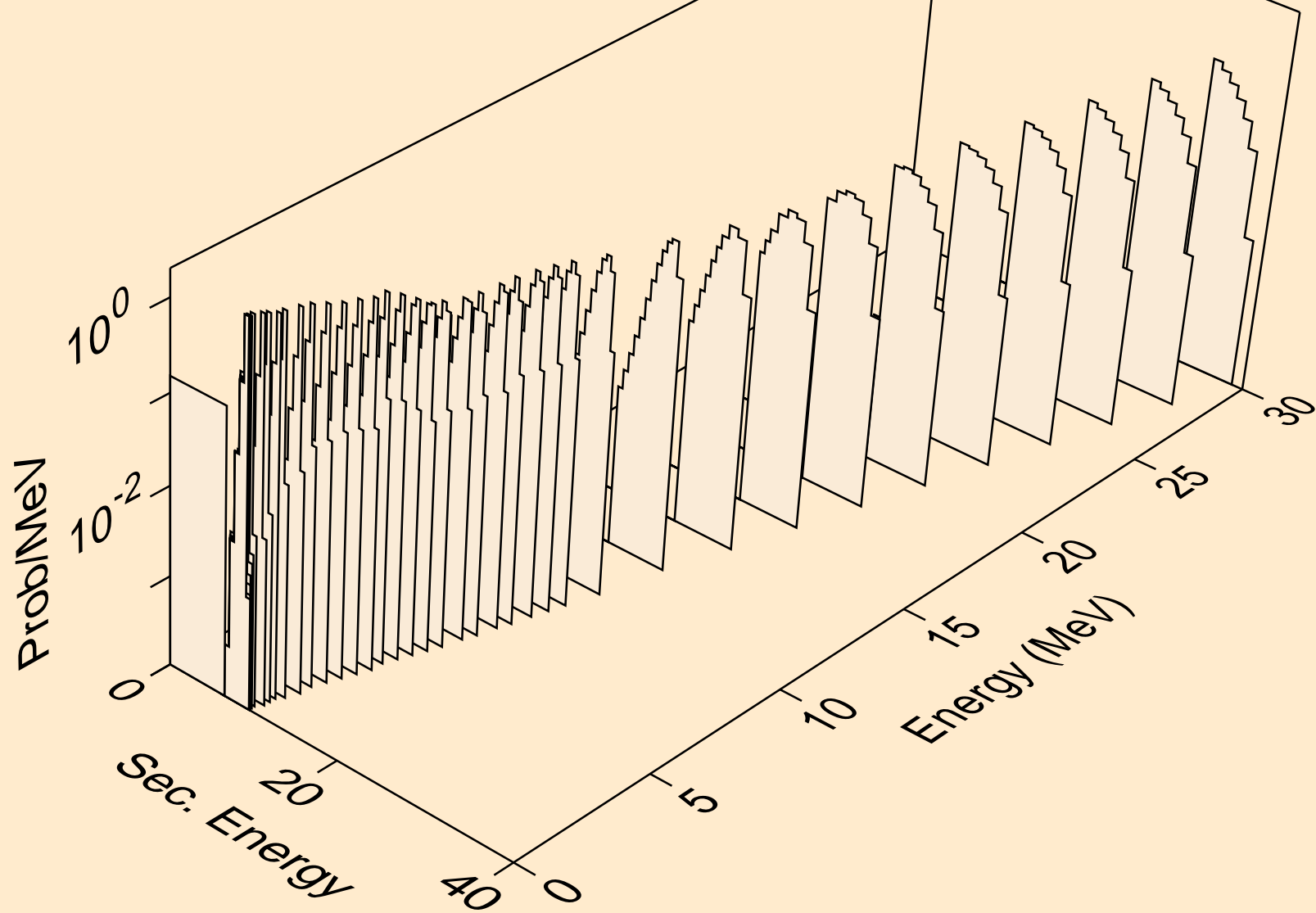
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



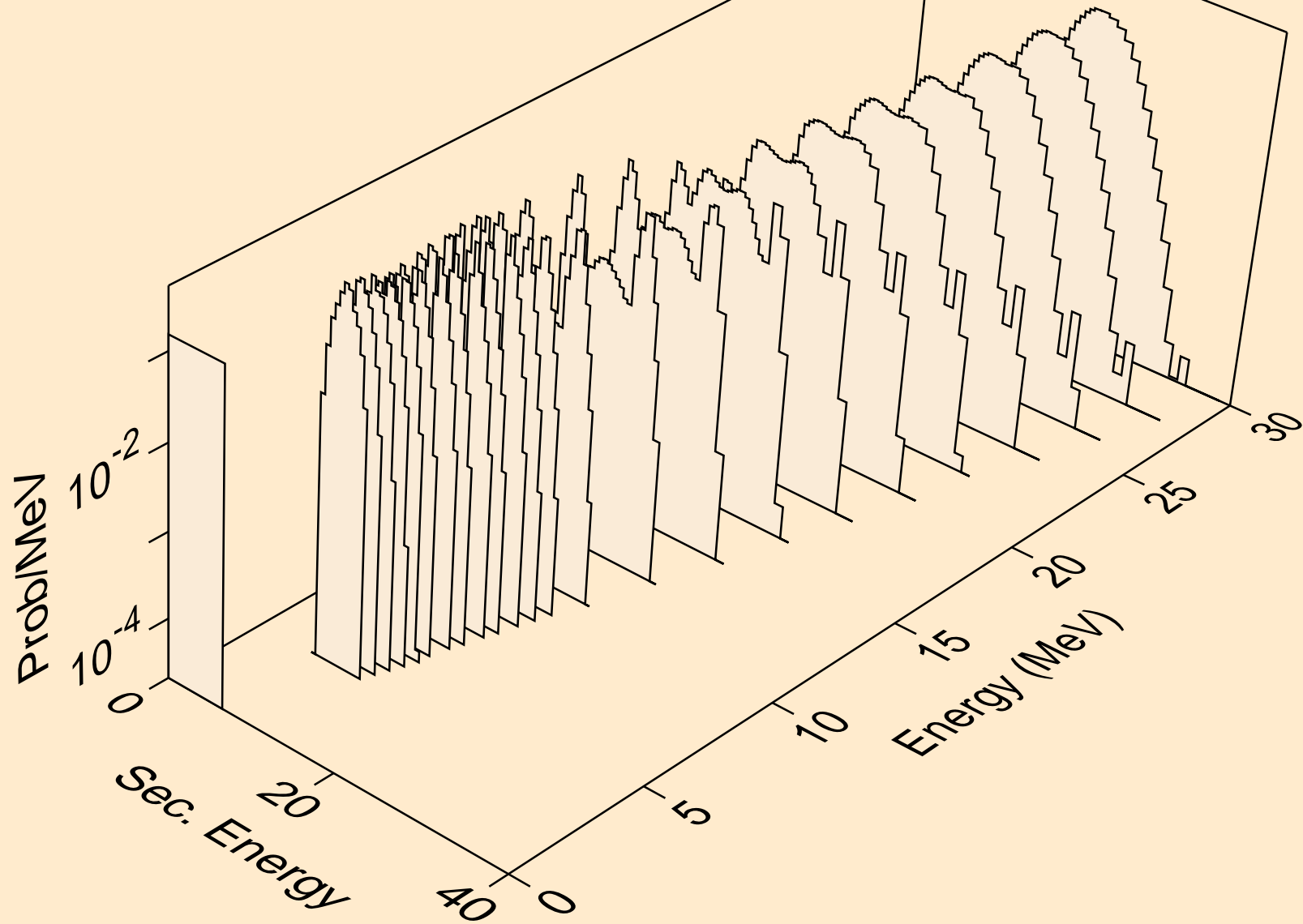
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



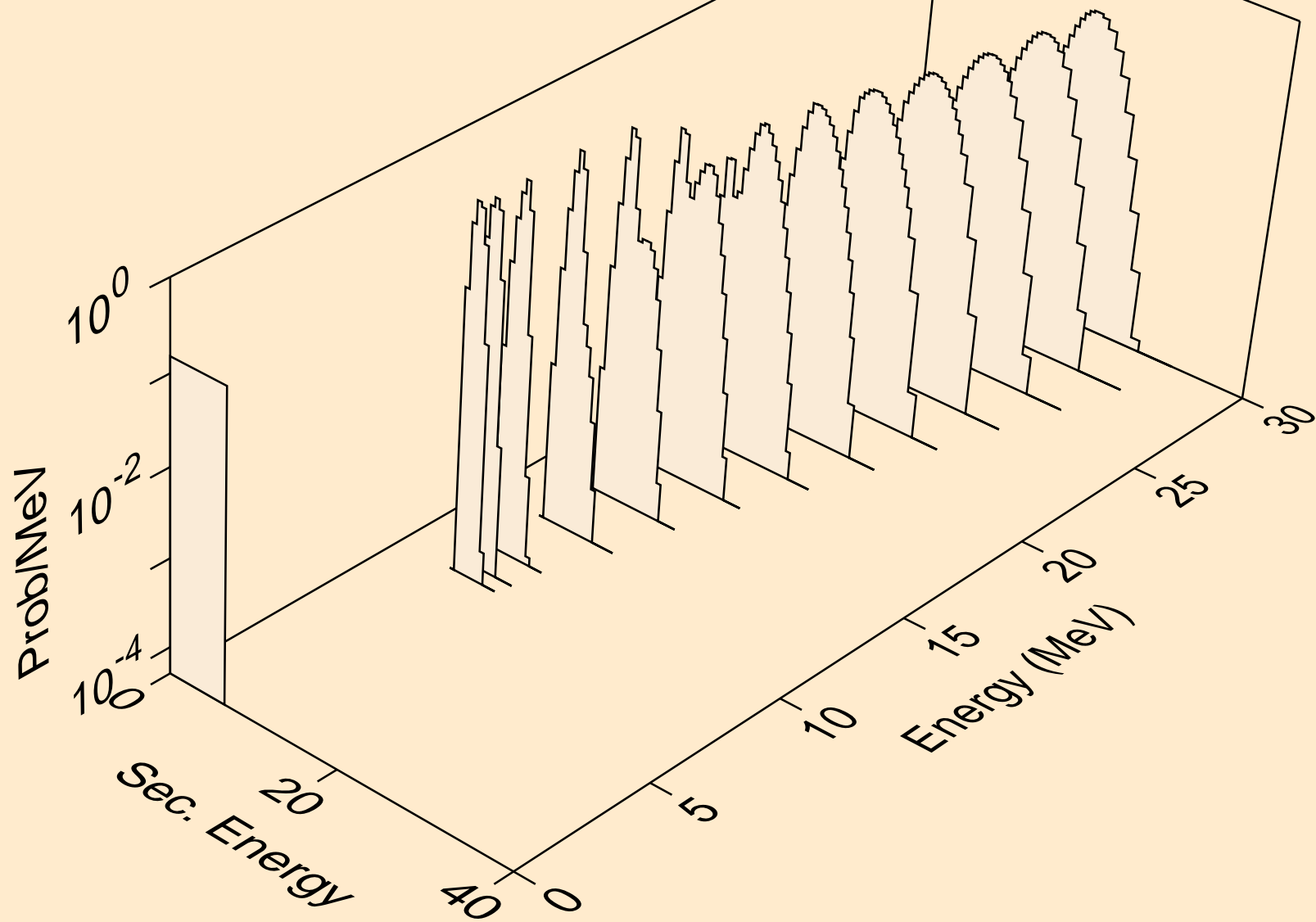
FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



FR223 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

