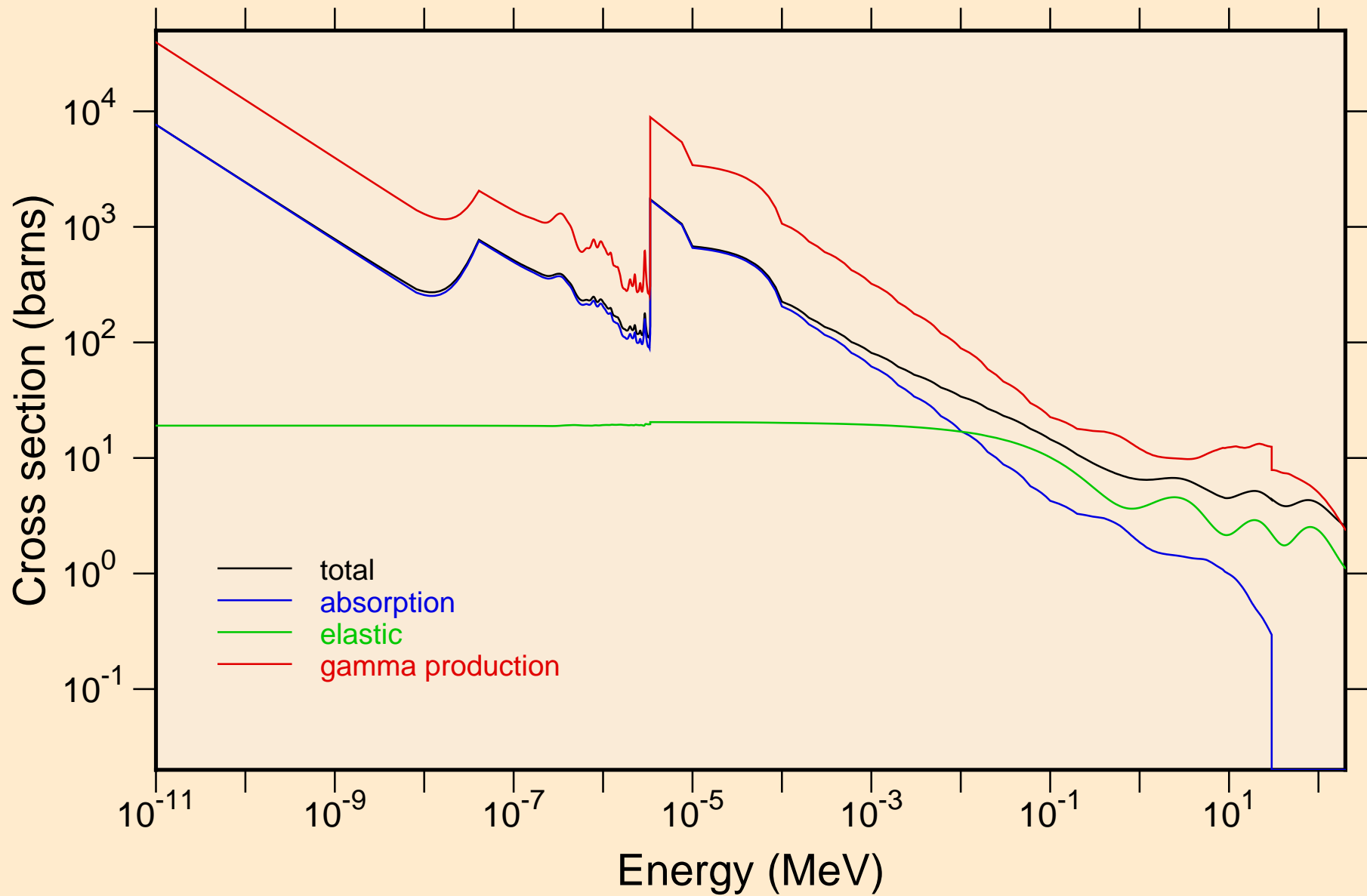


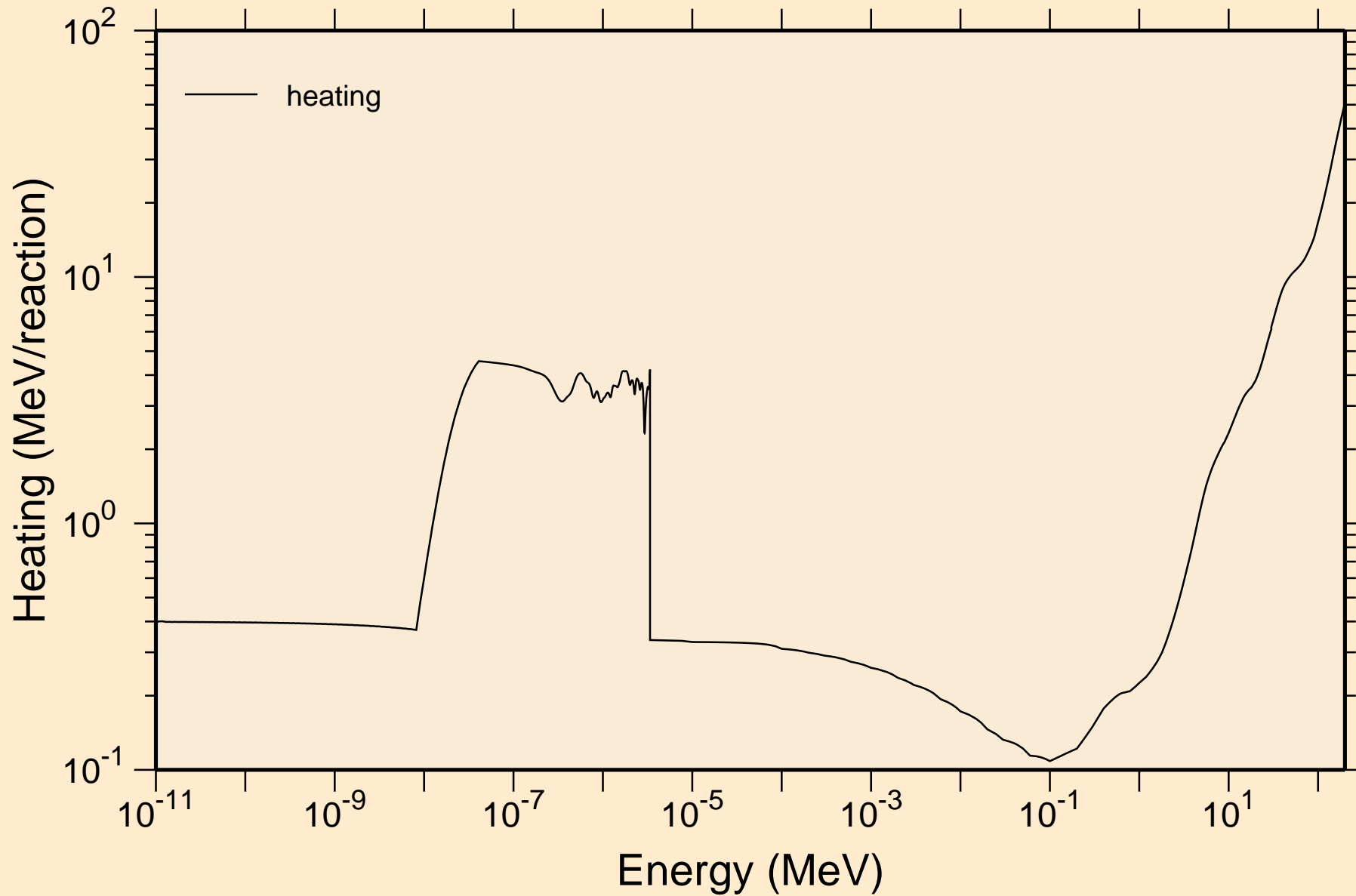
# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

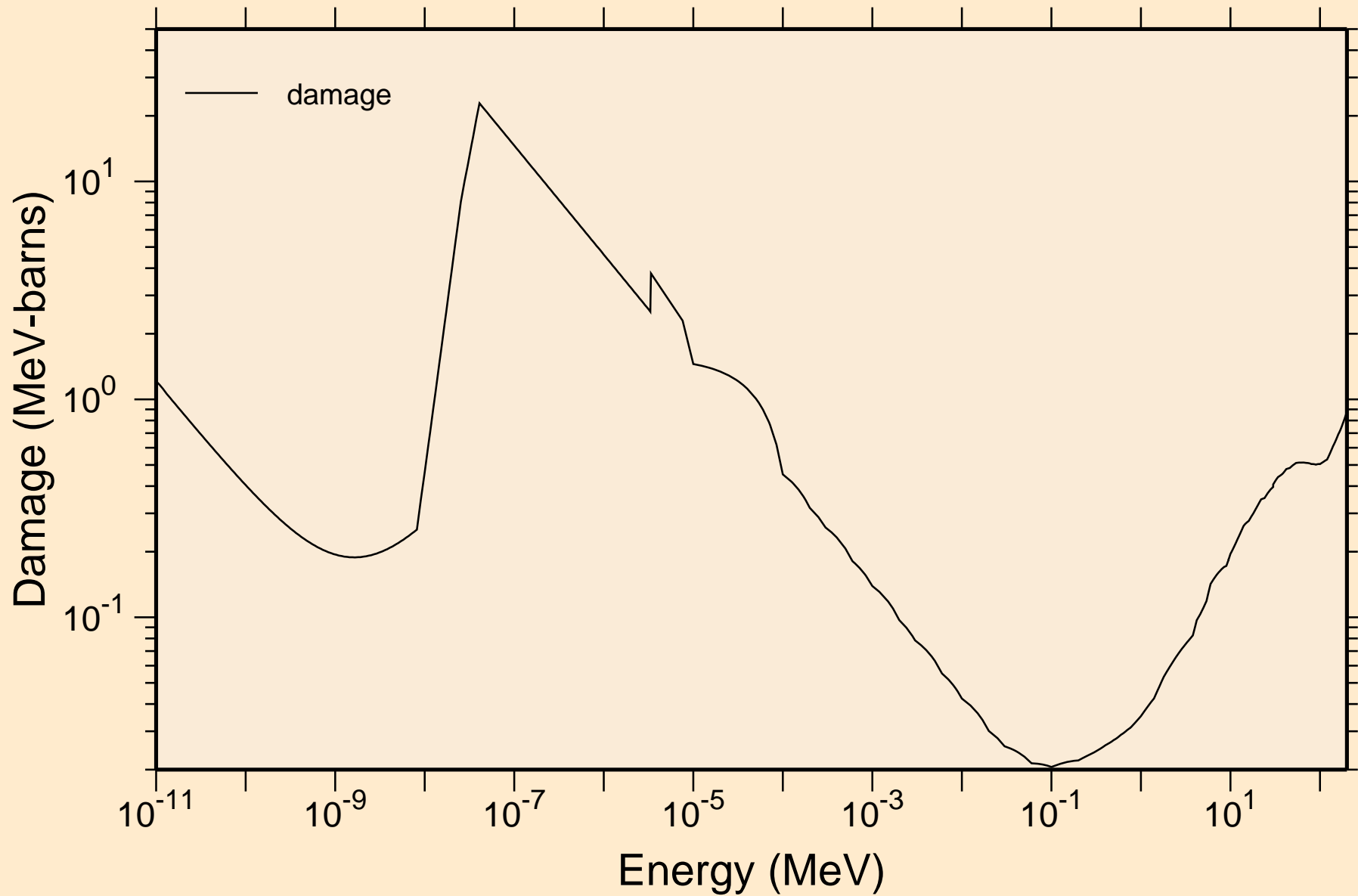


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

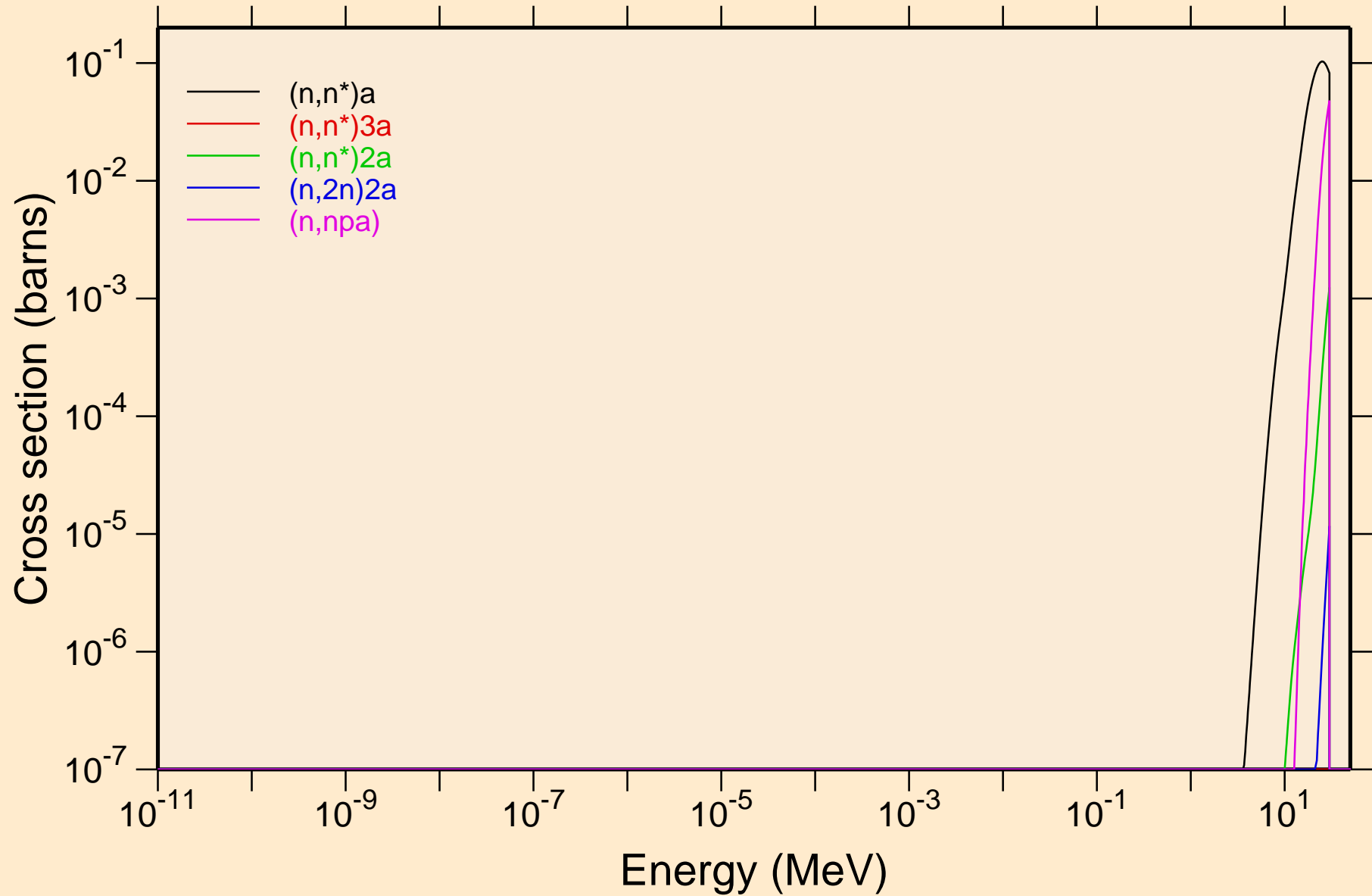
## Heating



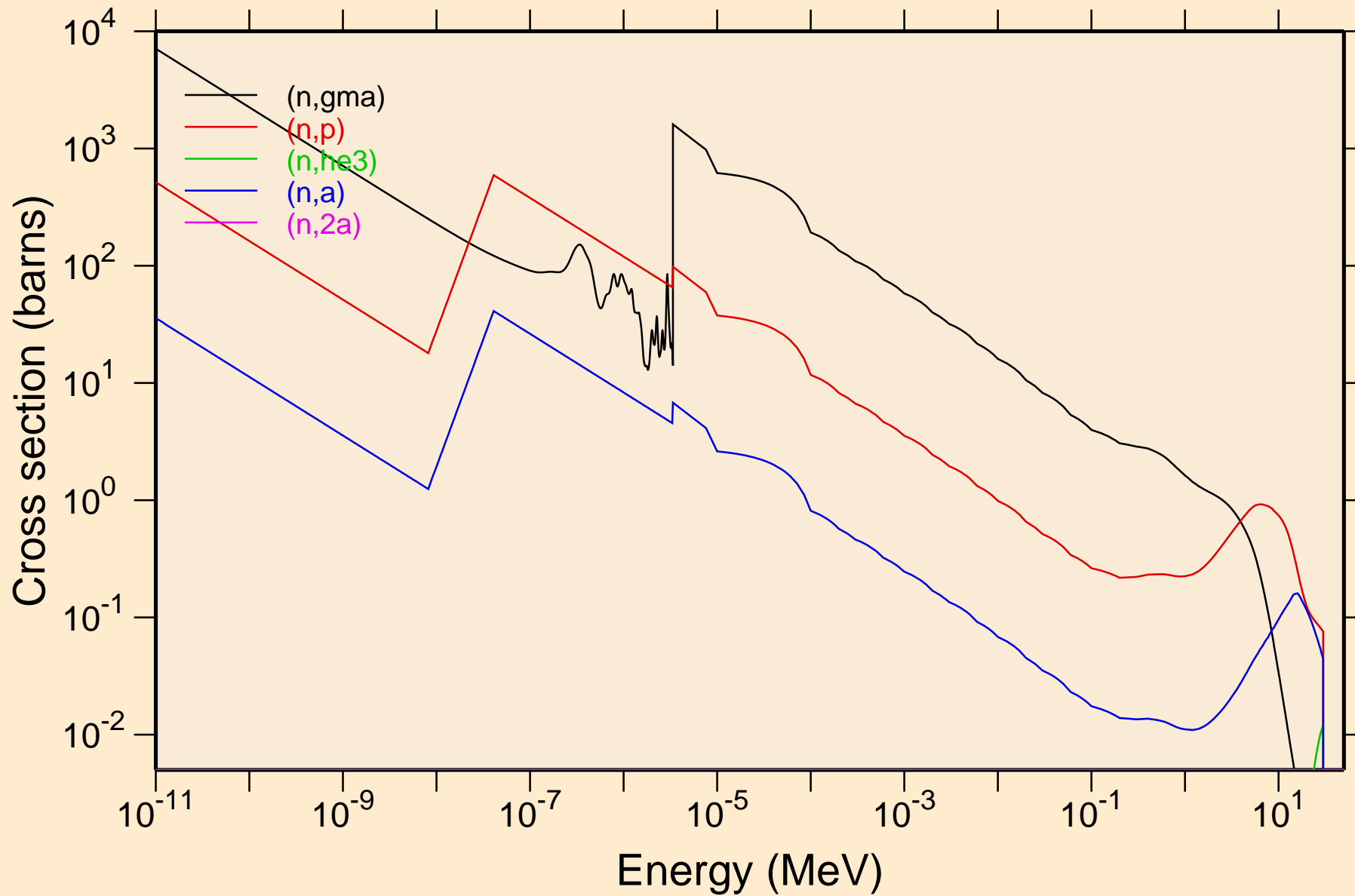
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



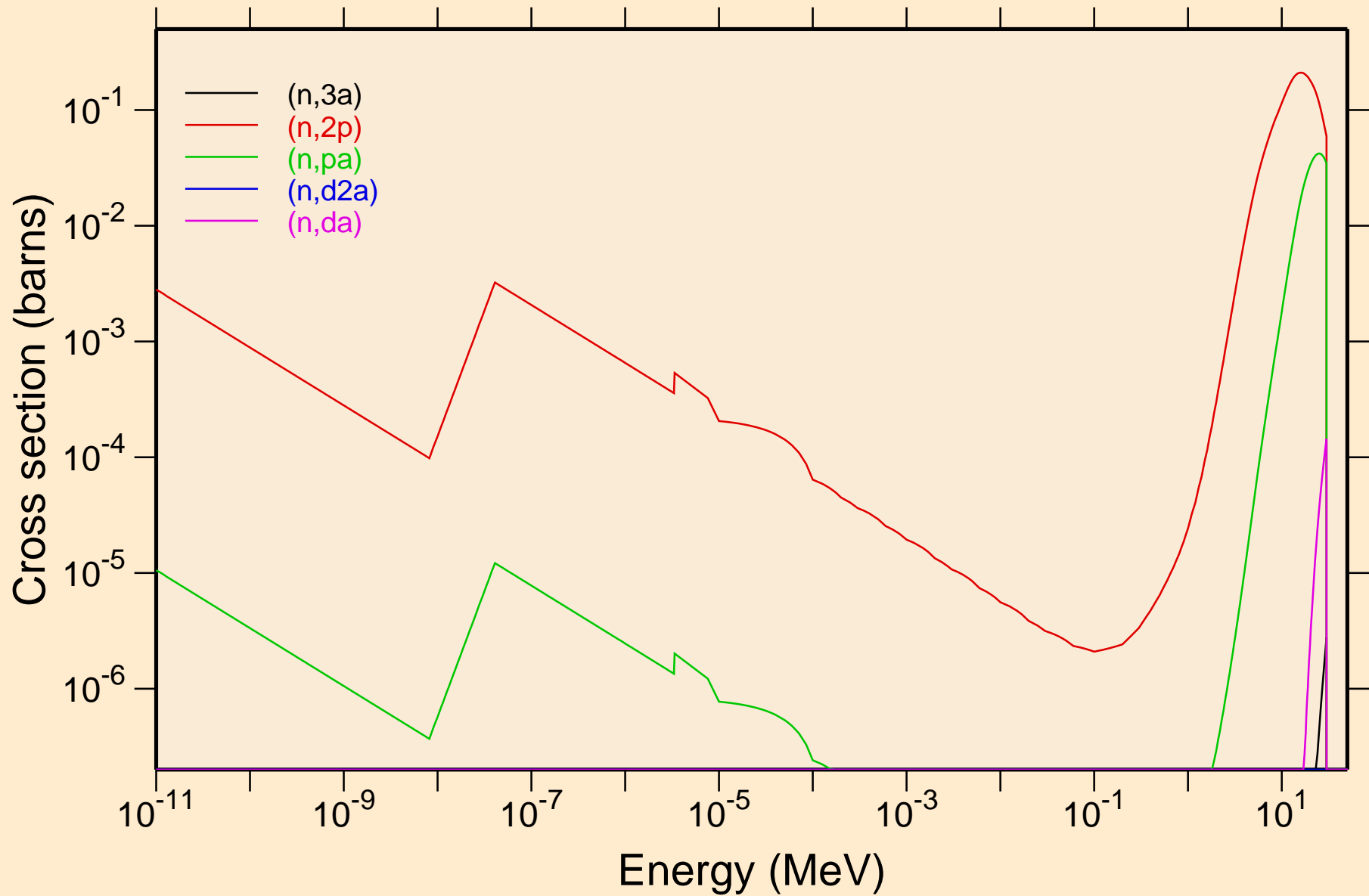
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

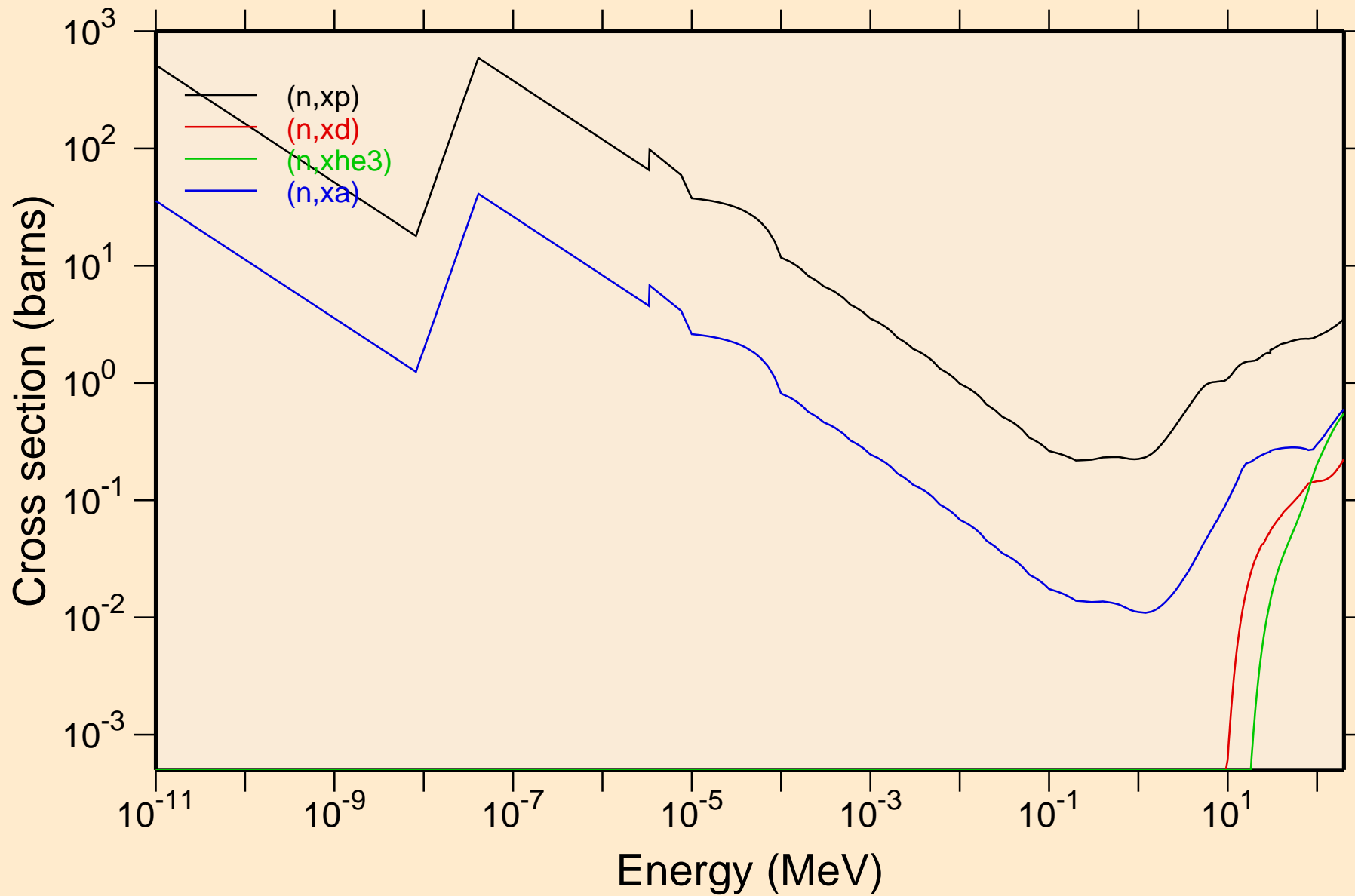


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



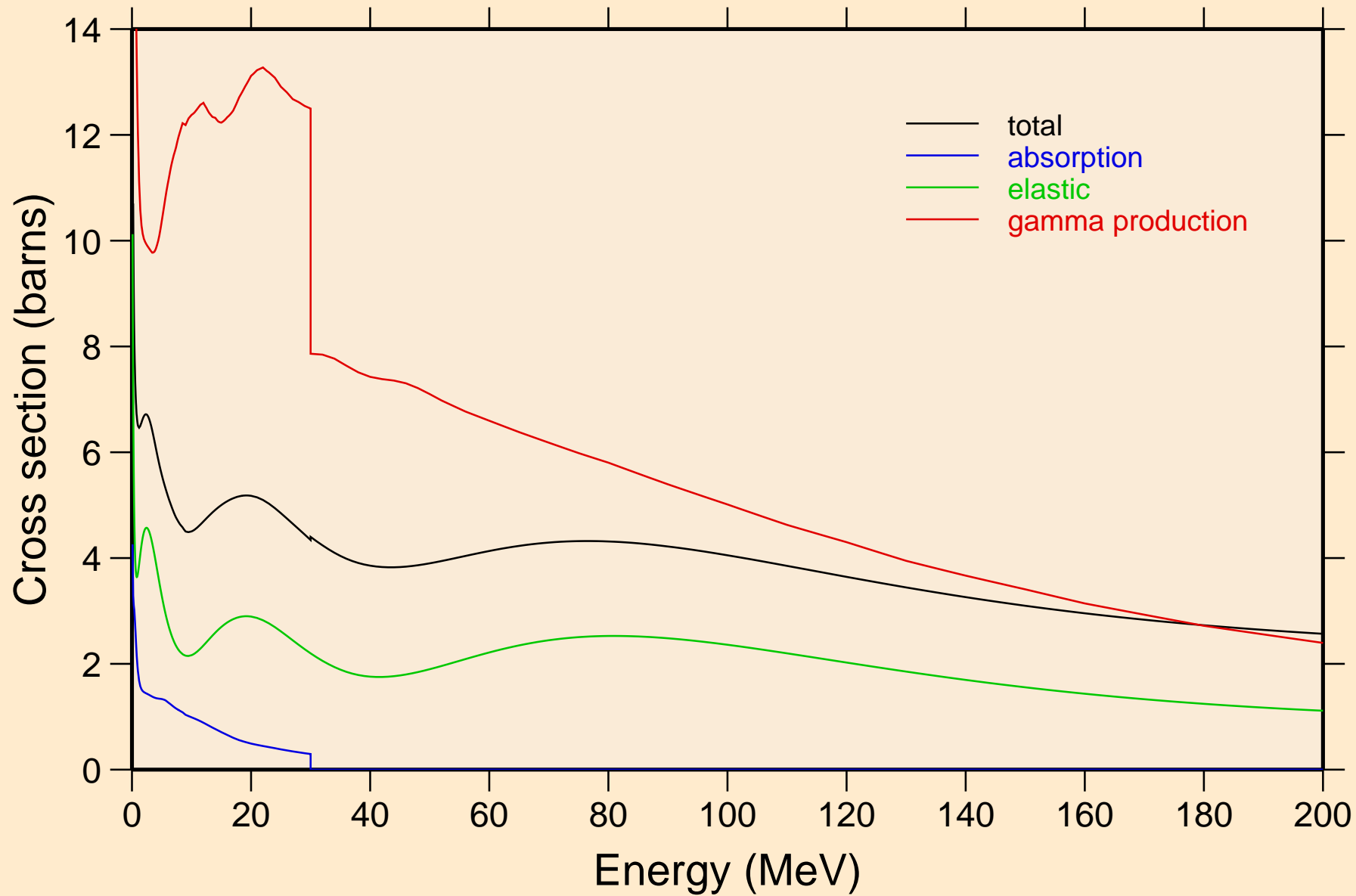
# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

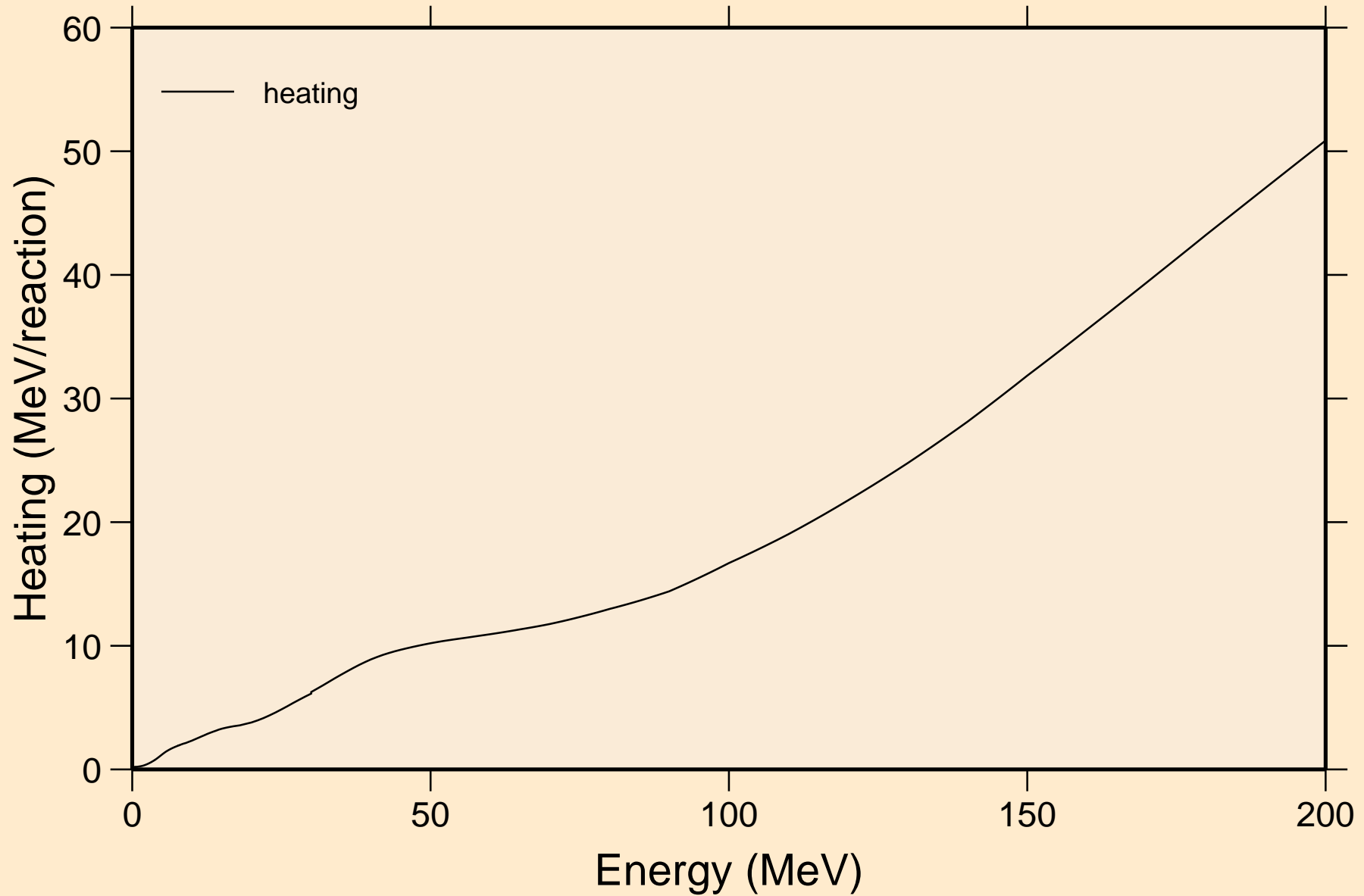
## Principal cross sections





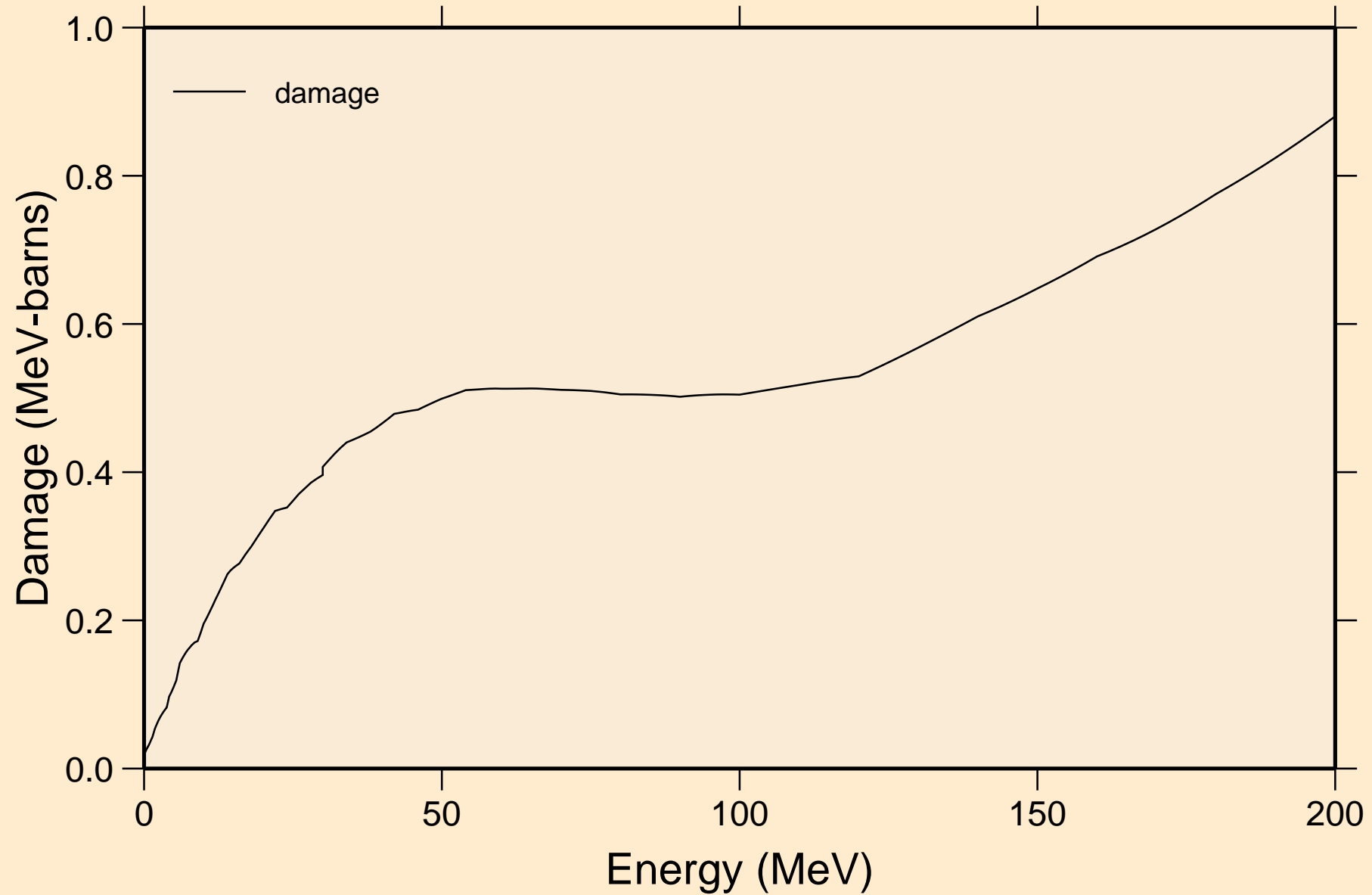
# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

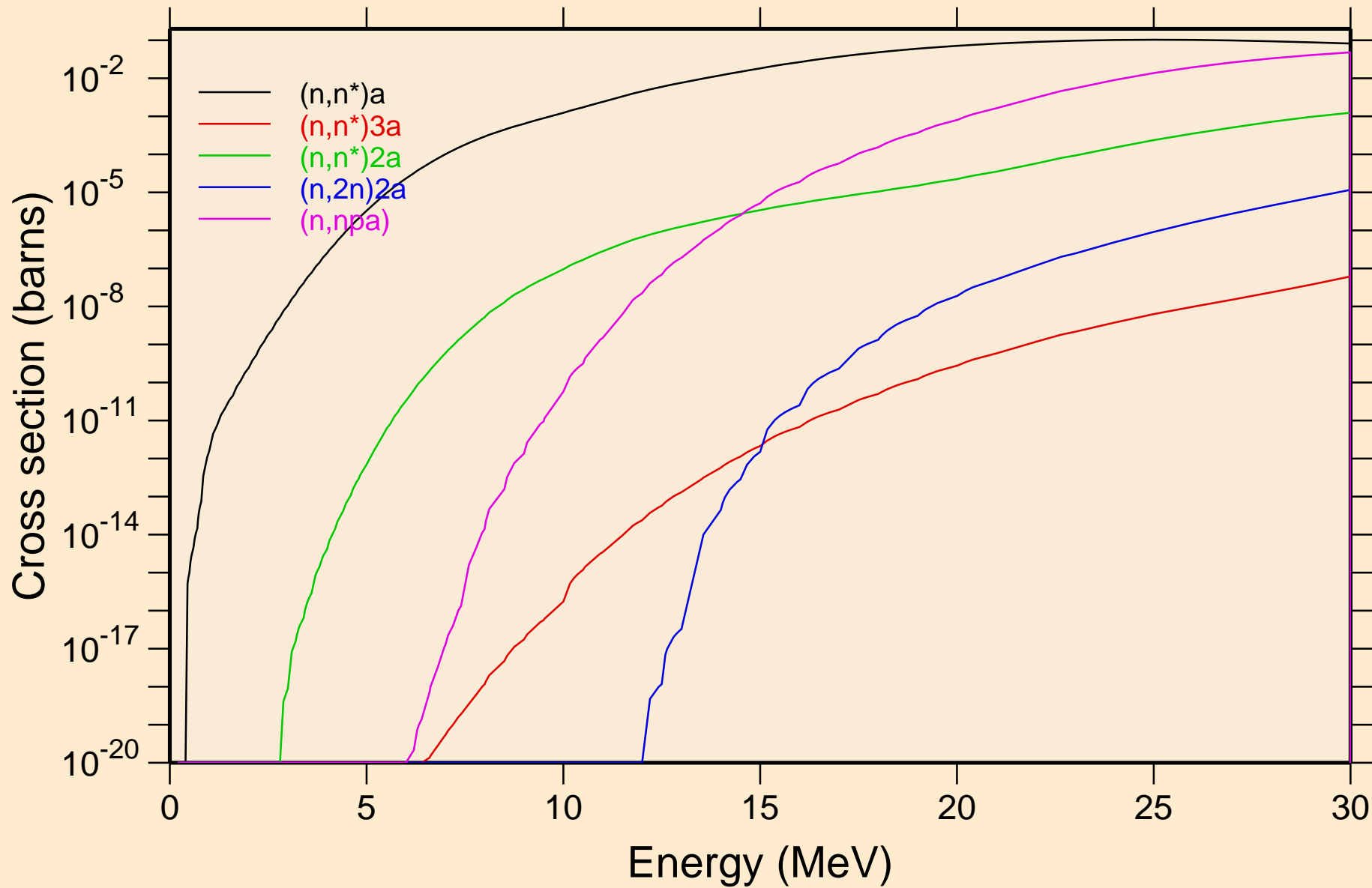


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

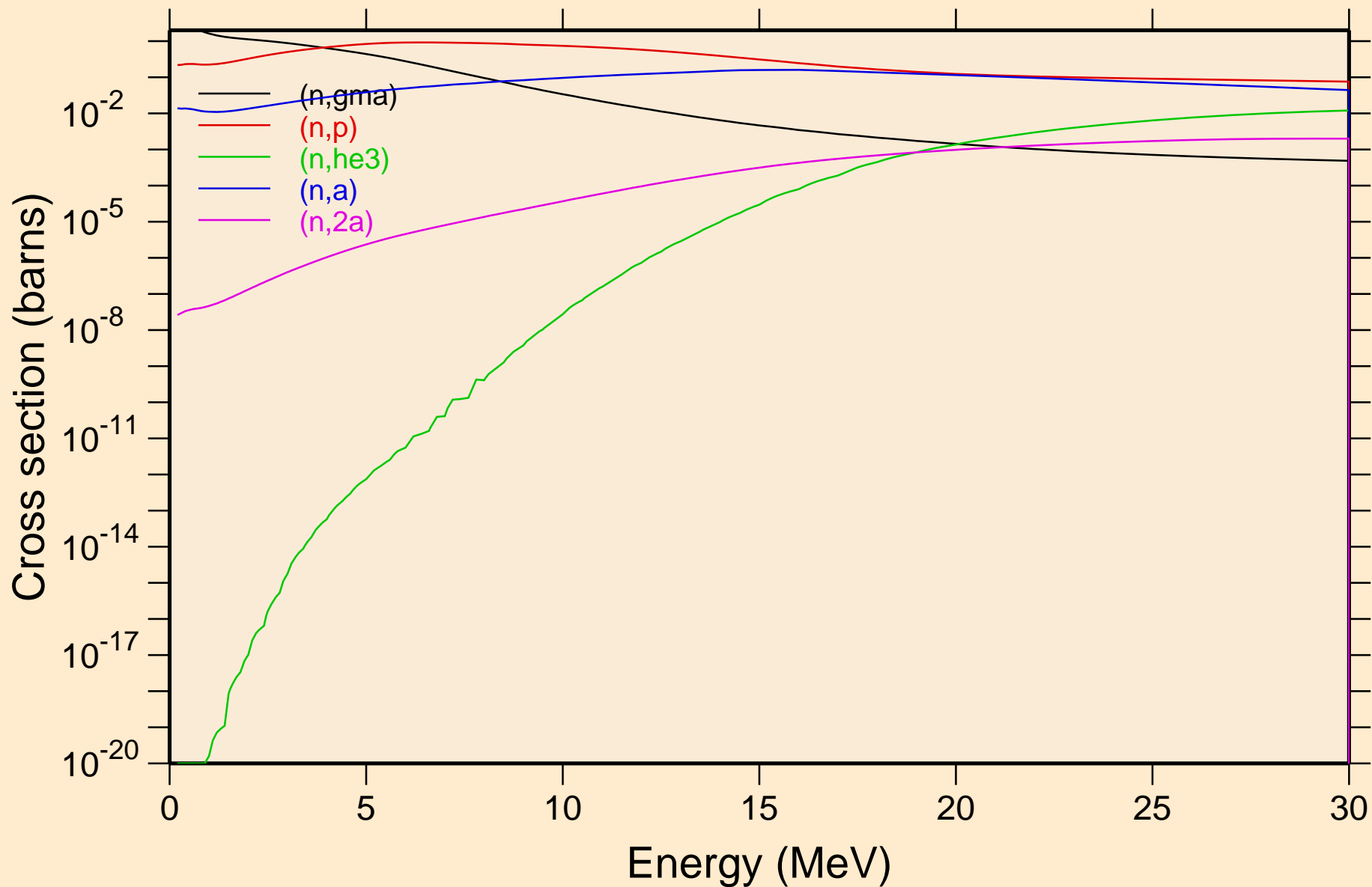


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

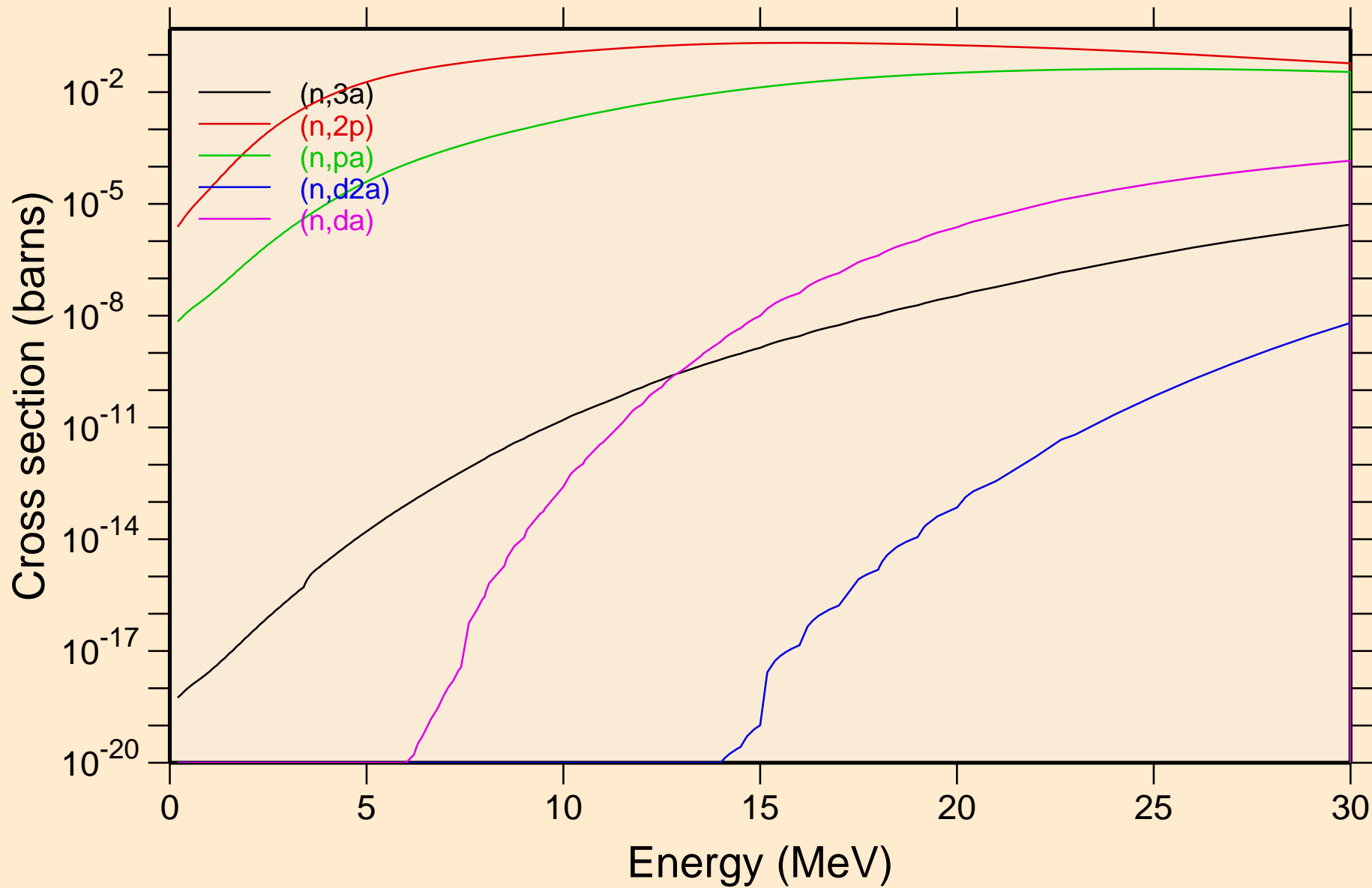


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

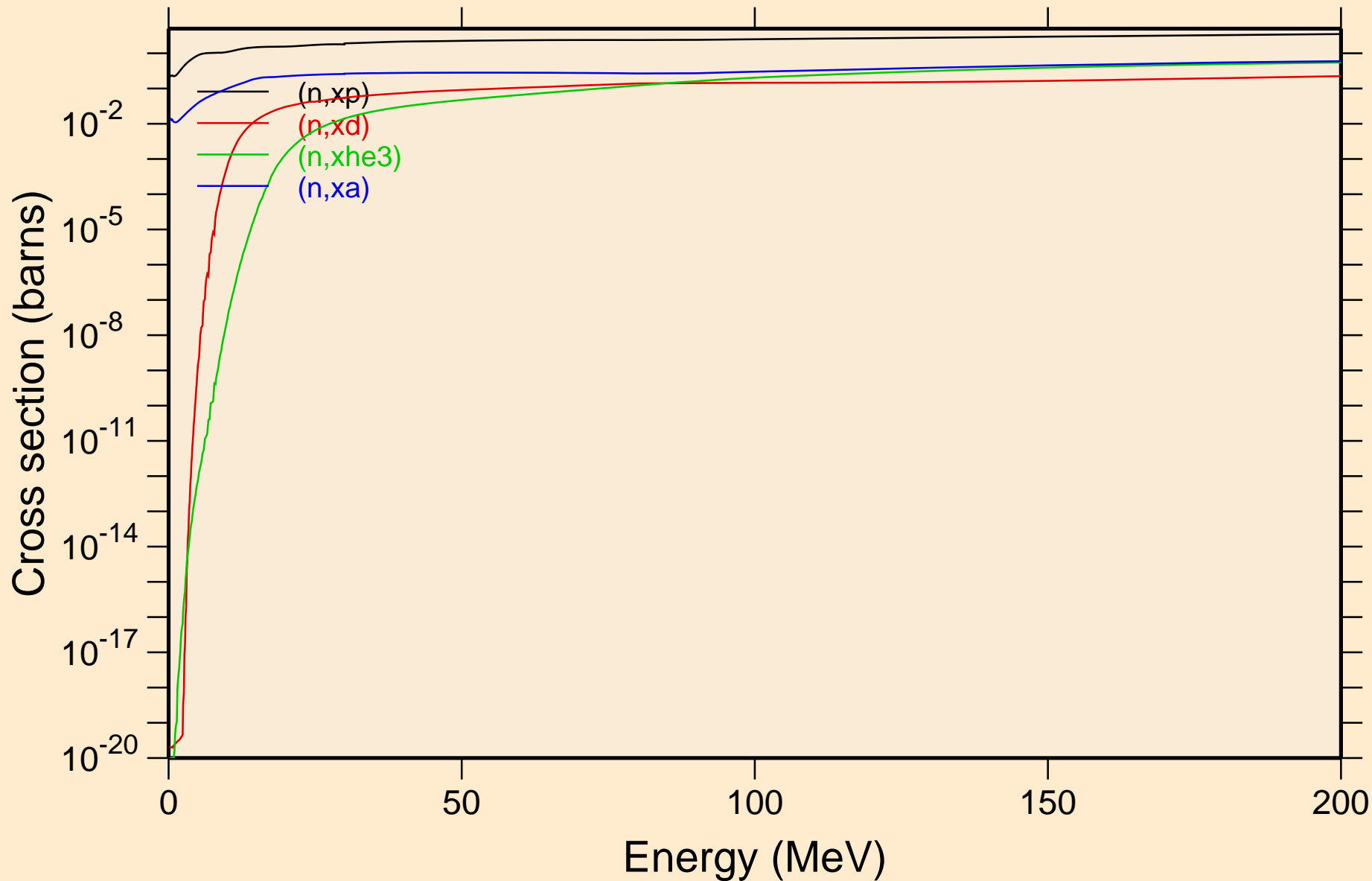
## Non-threshold reactions



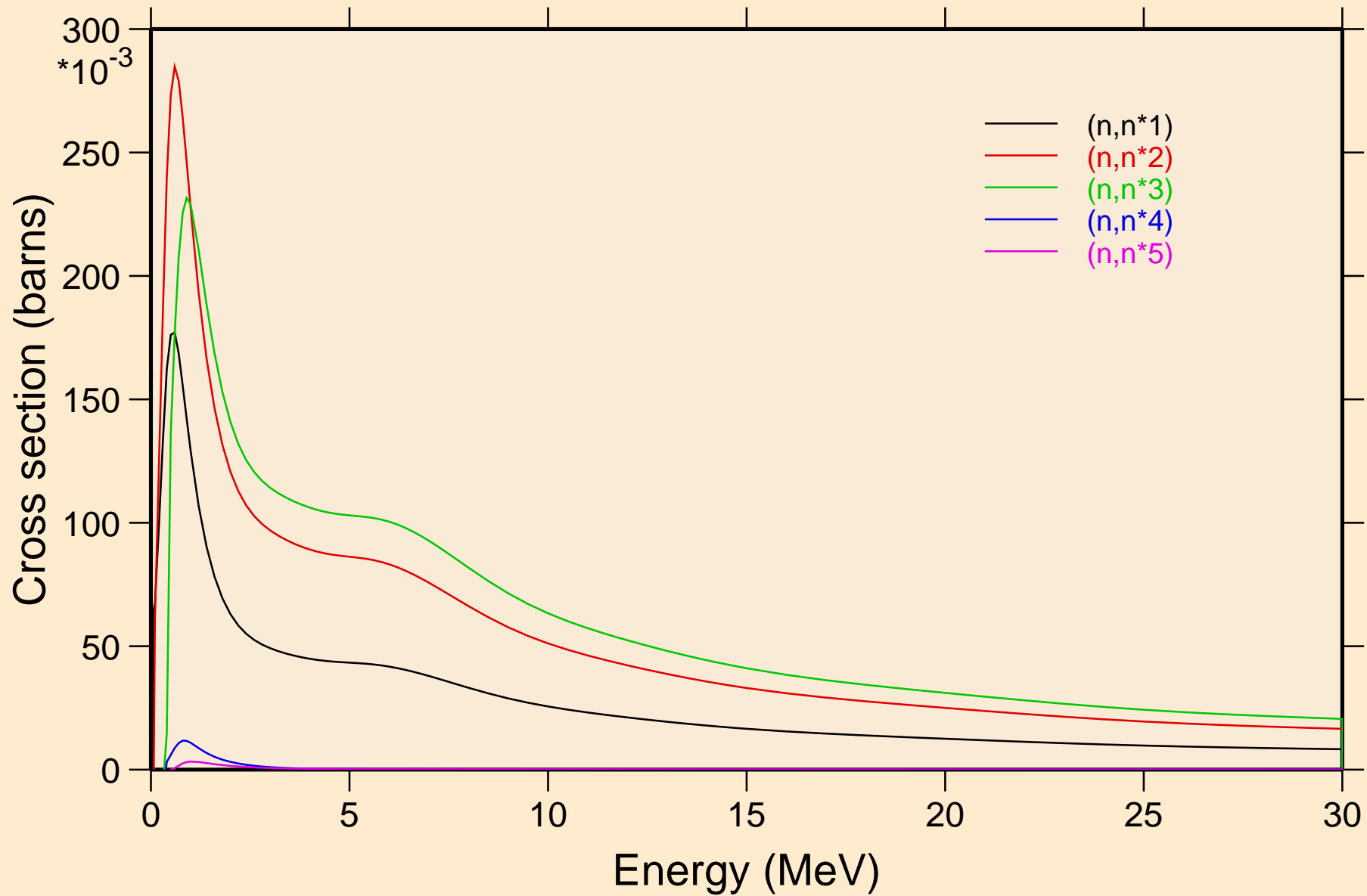
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



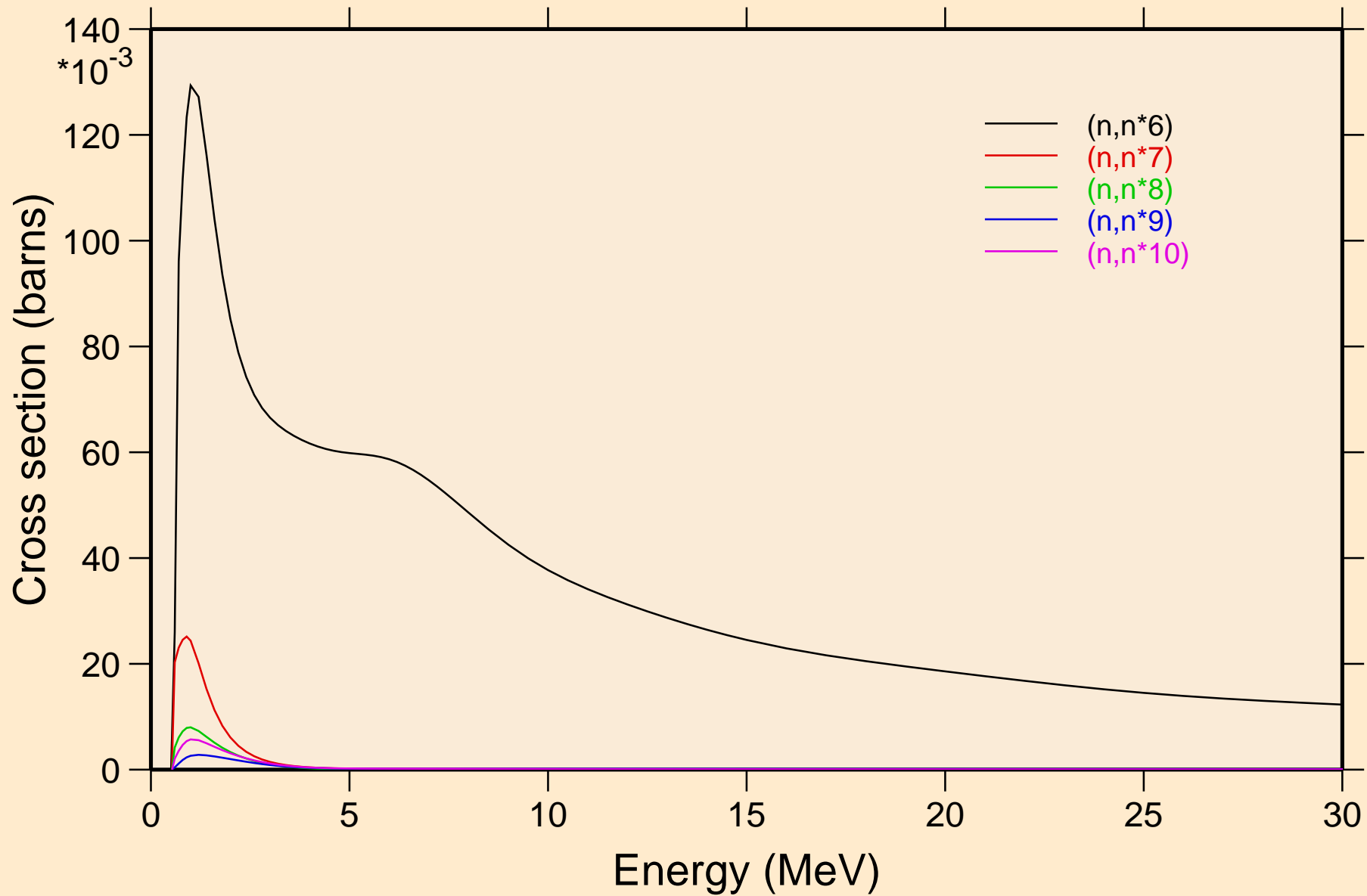
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

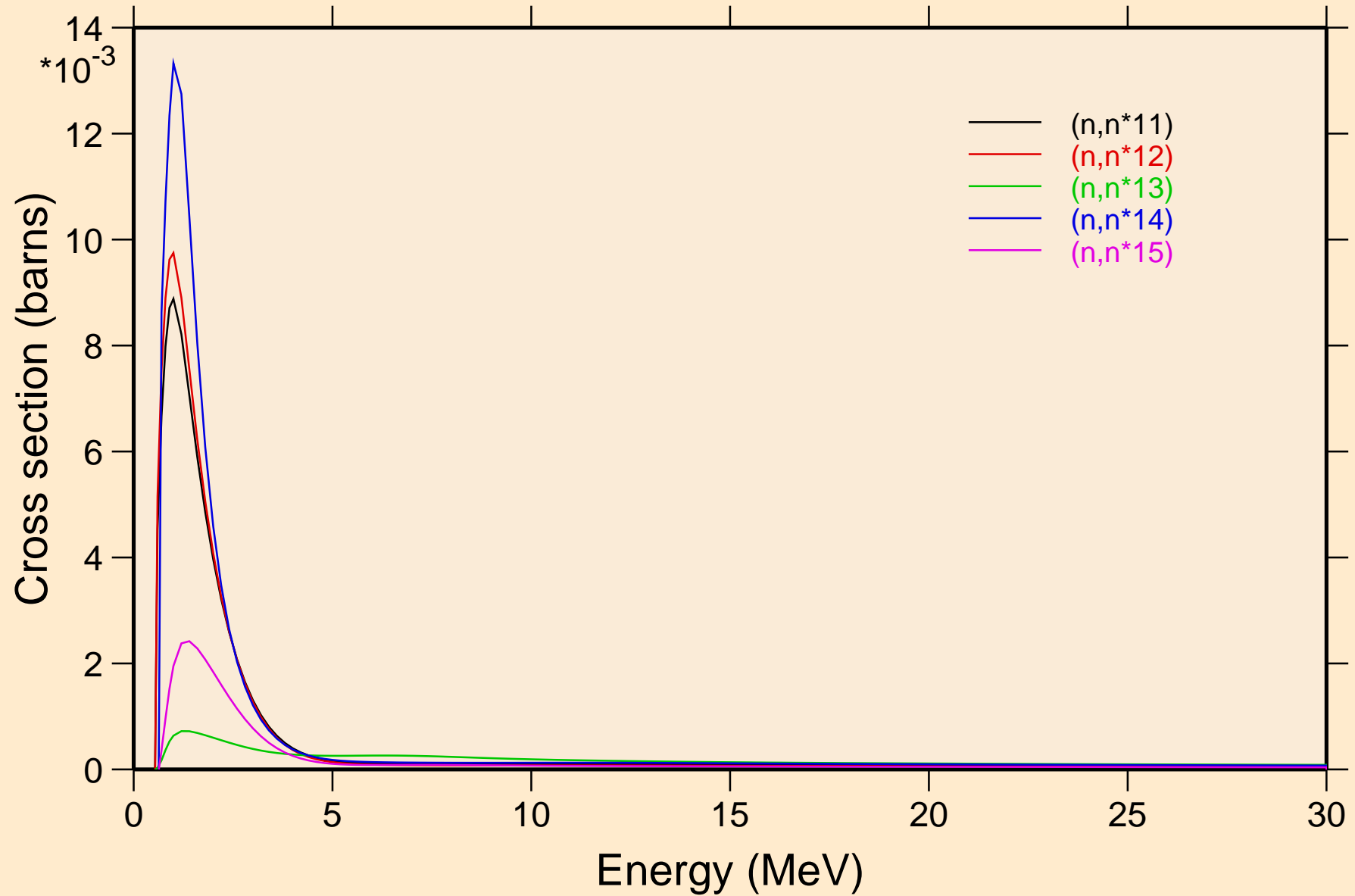


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

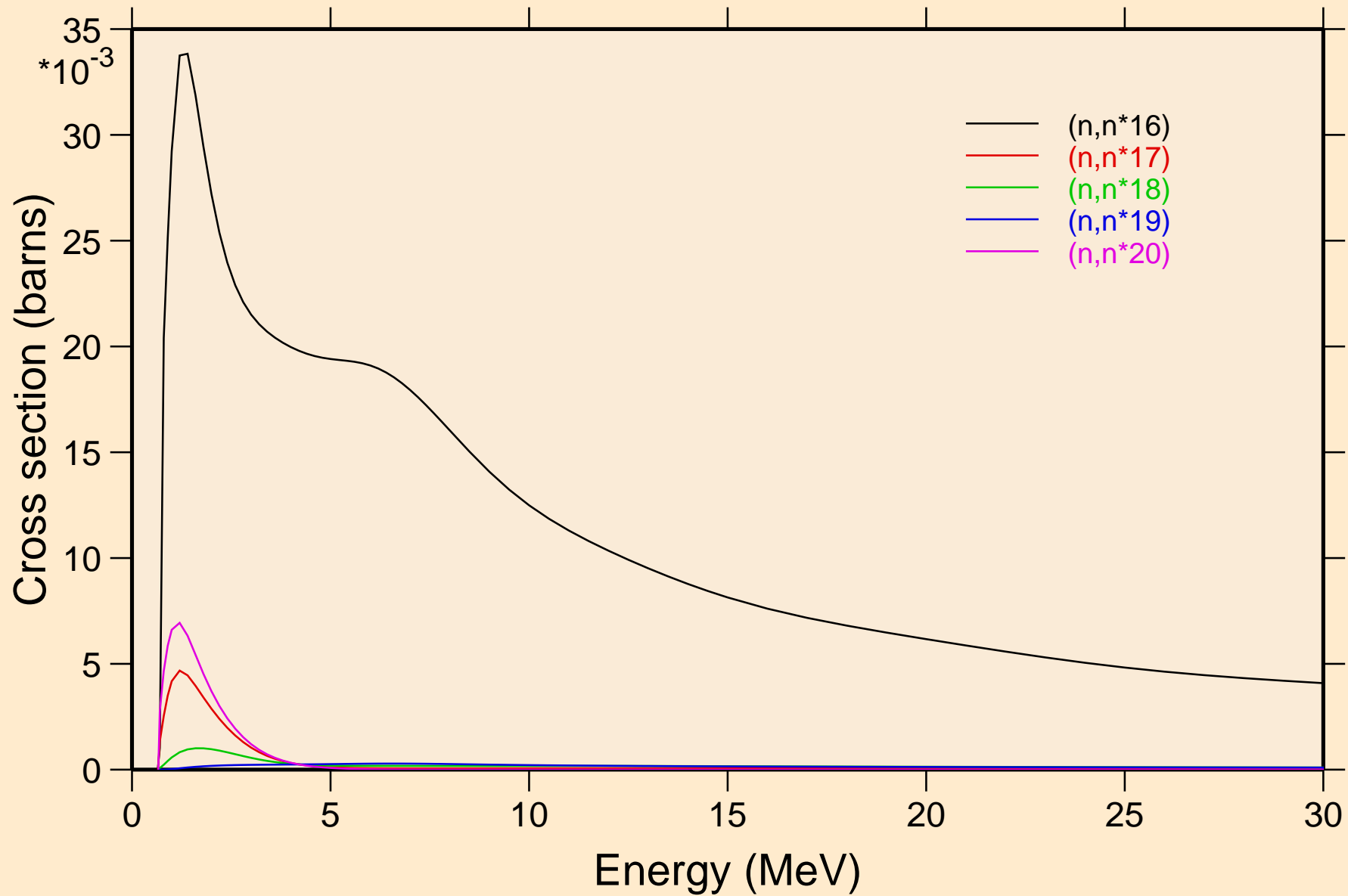




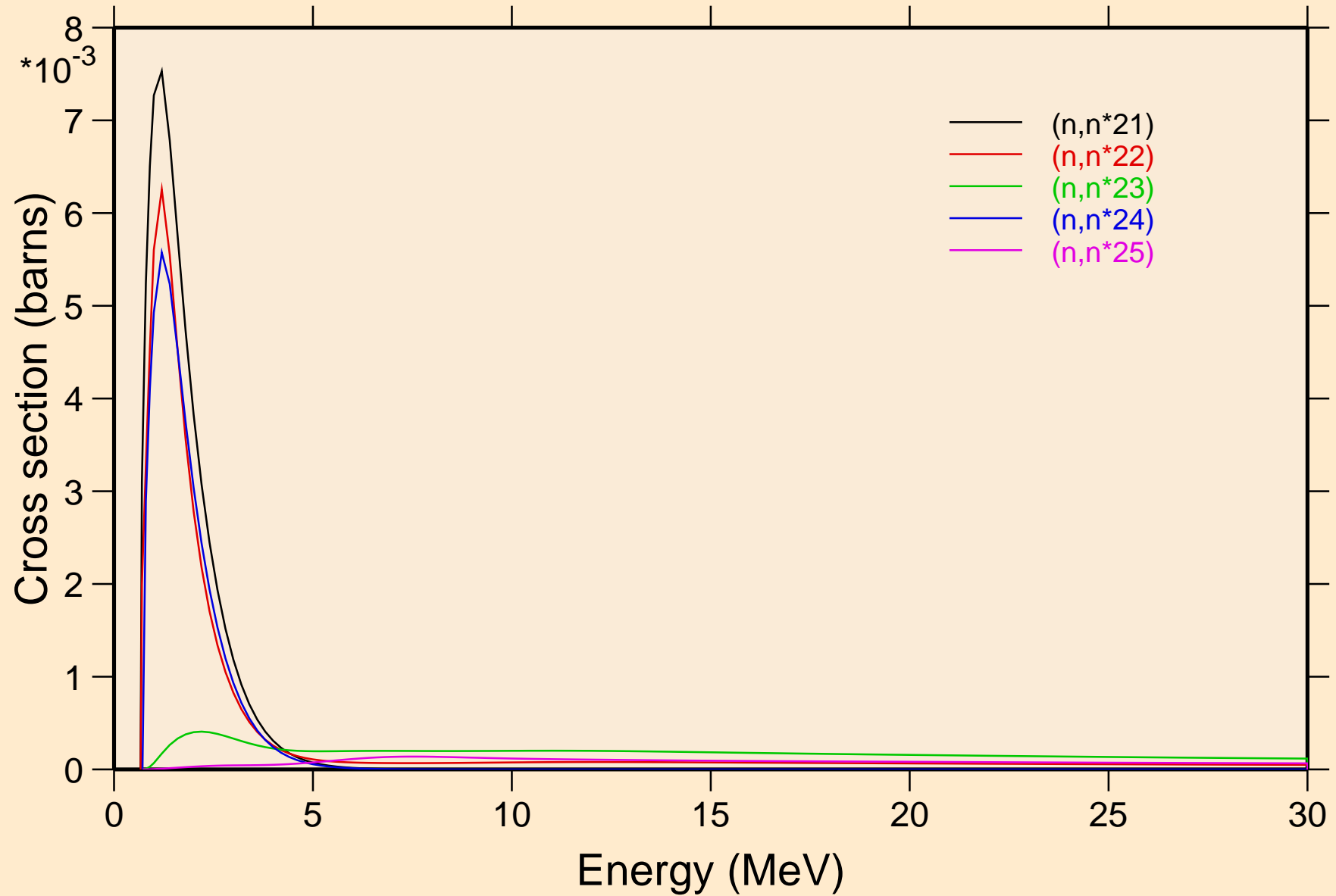
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



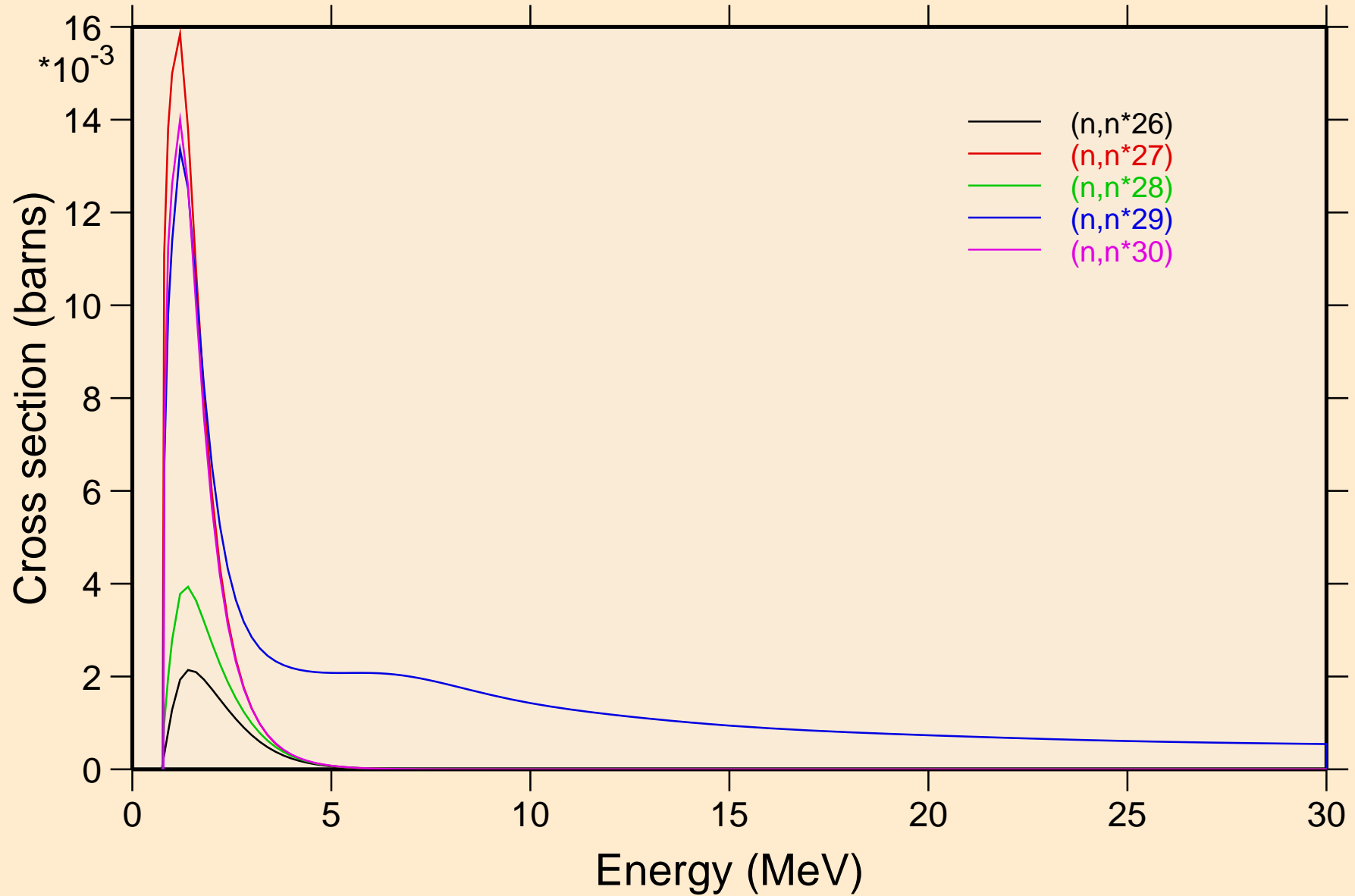
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

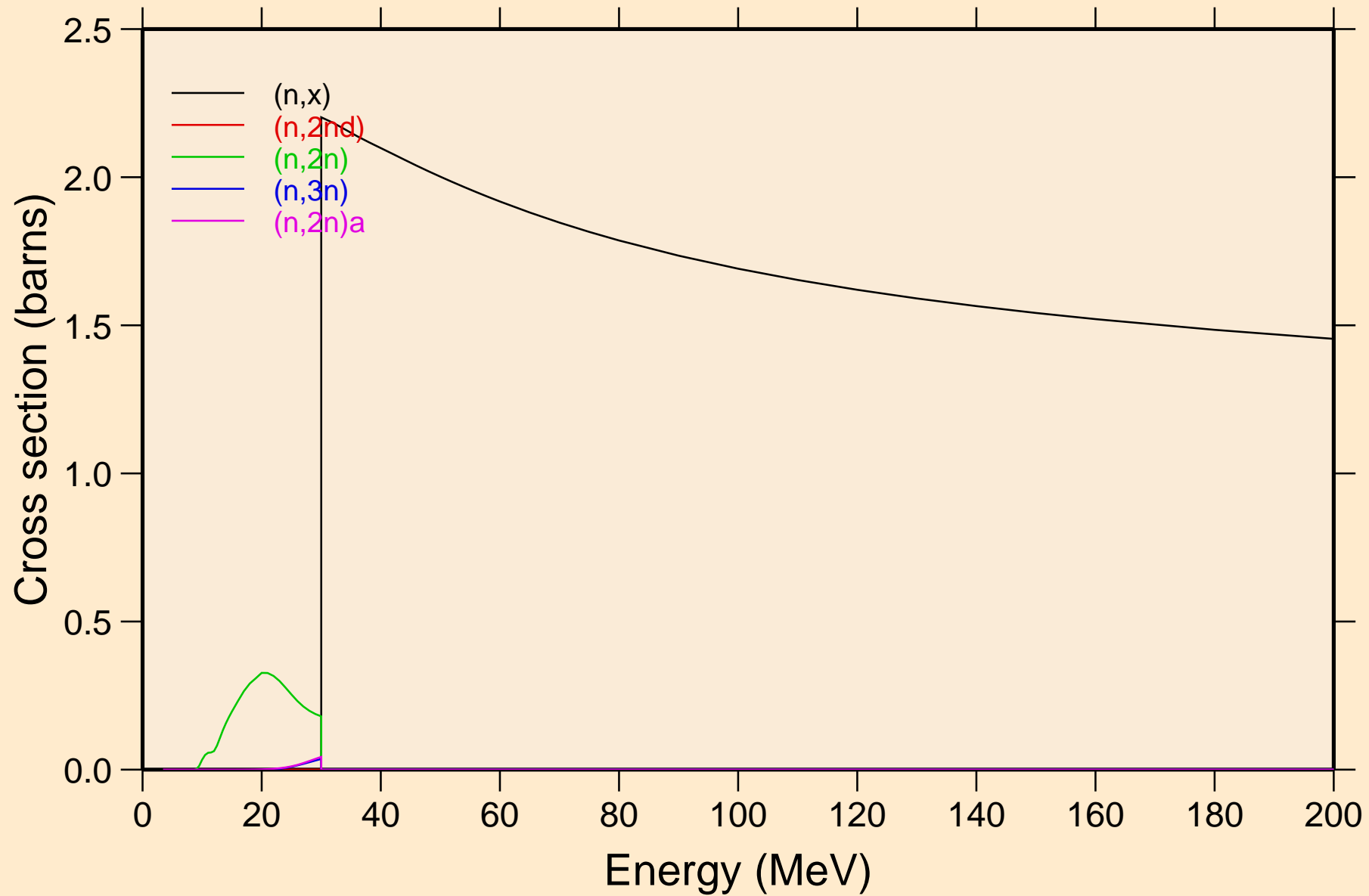


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

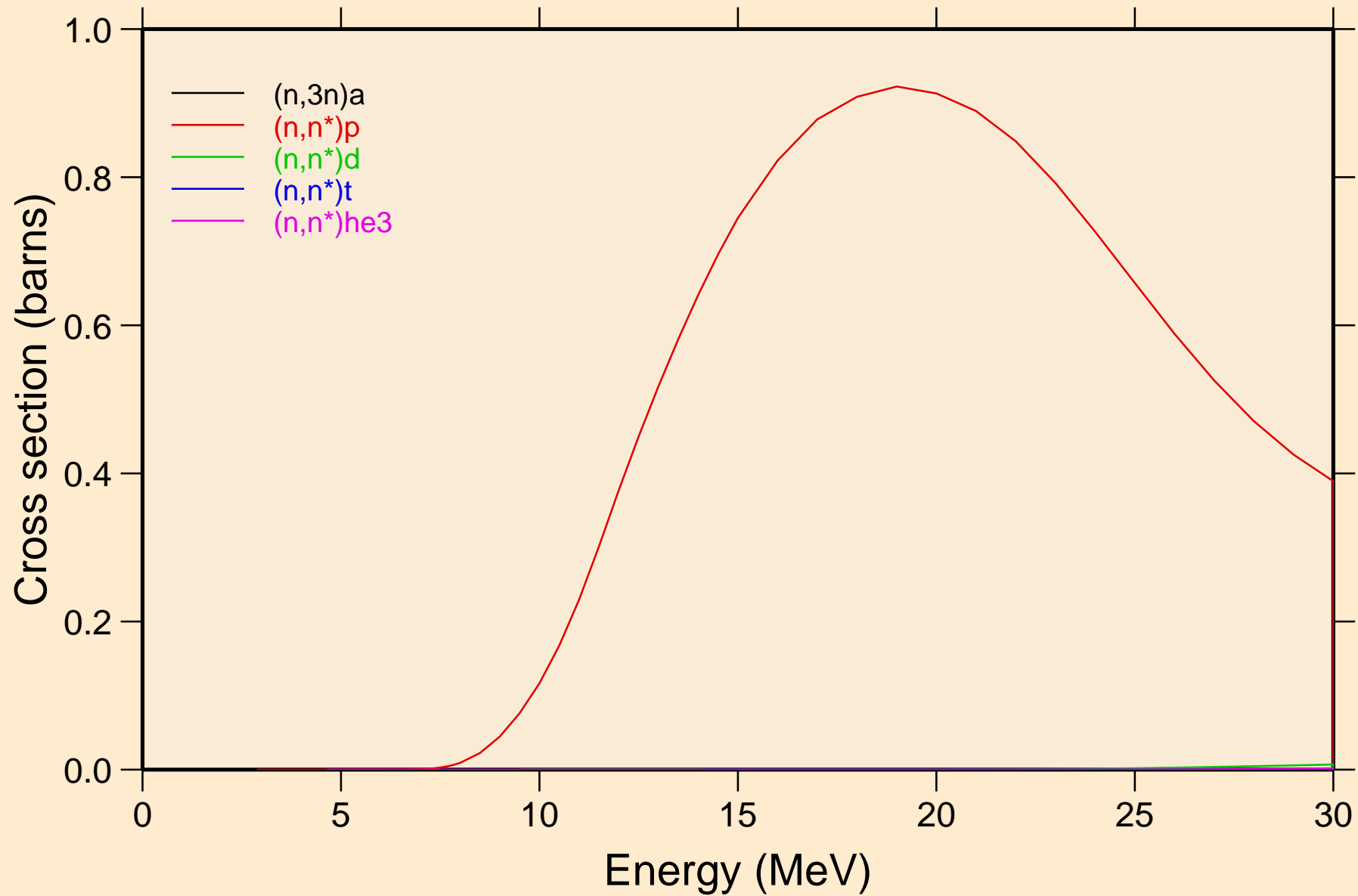


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

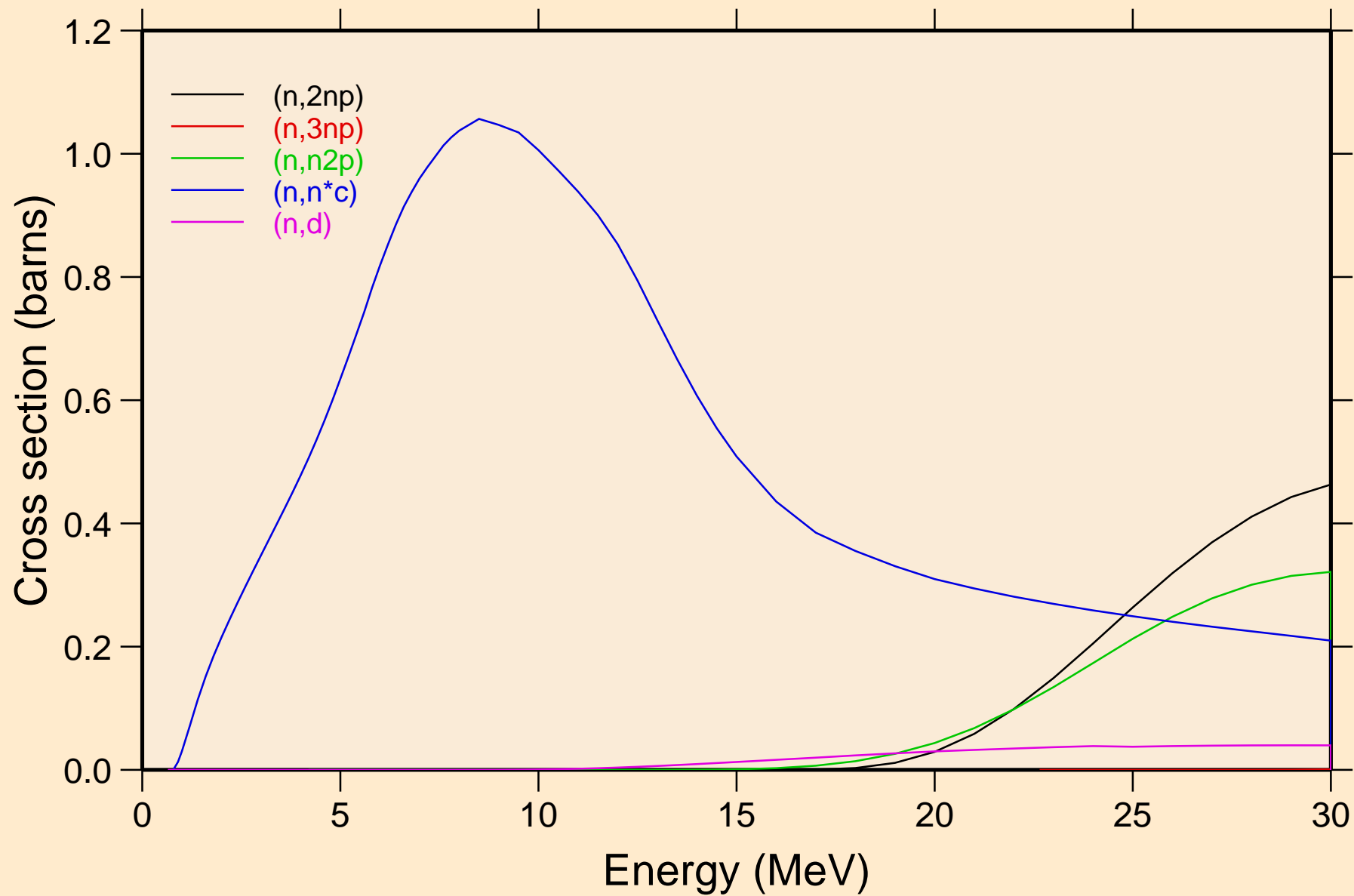


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

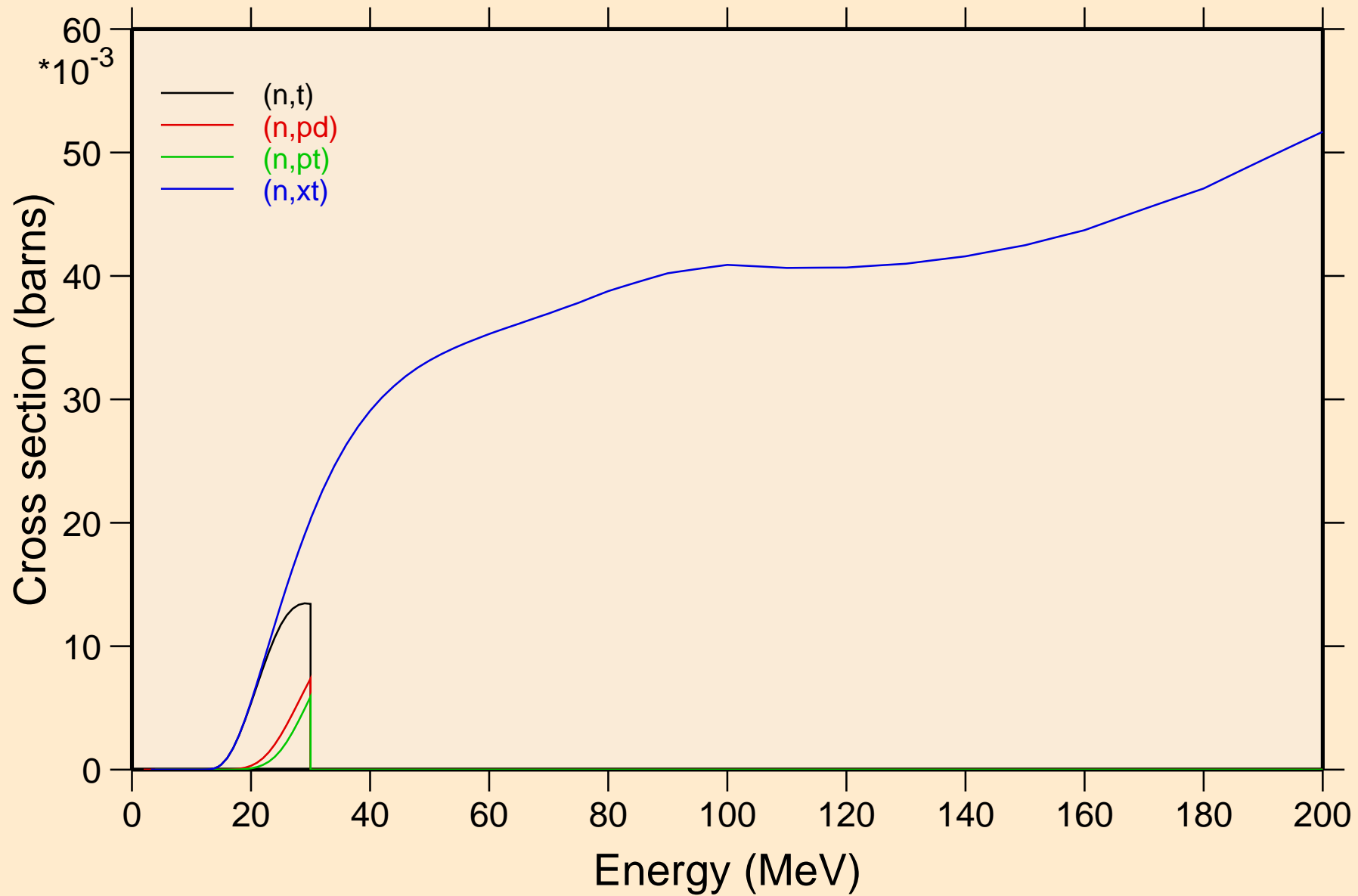


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

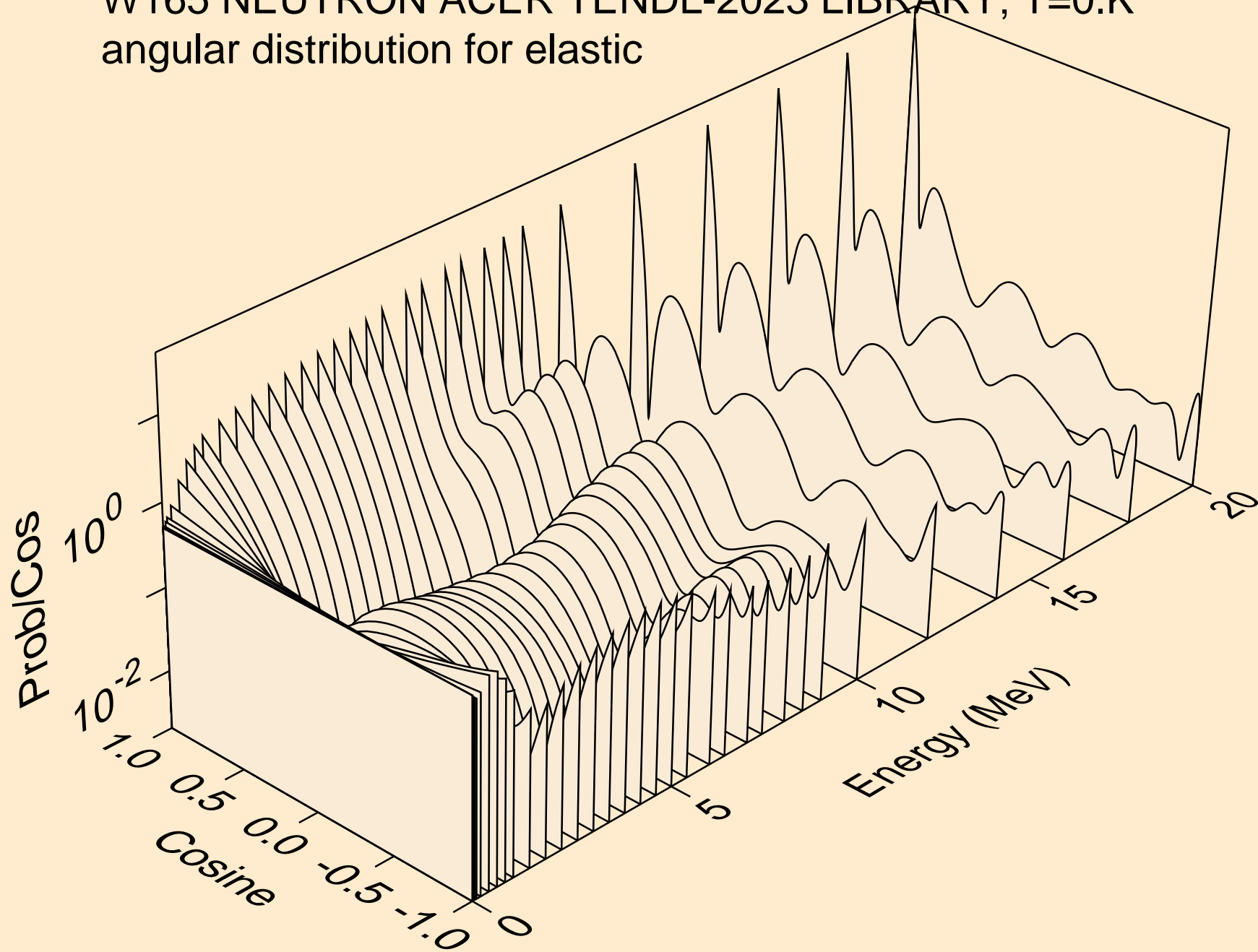


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

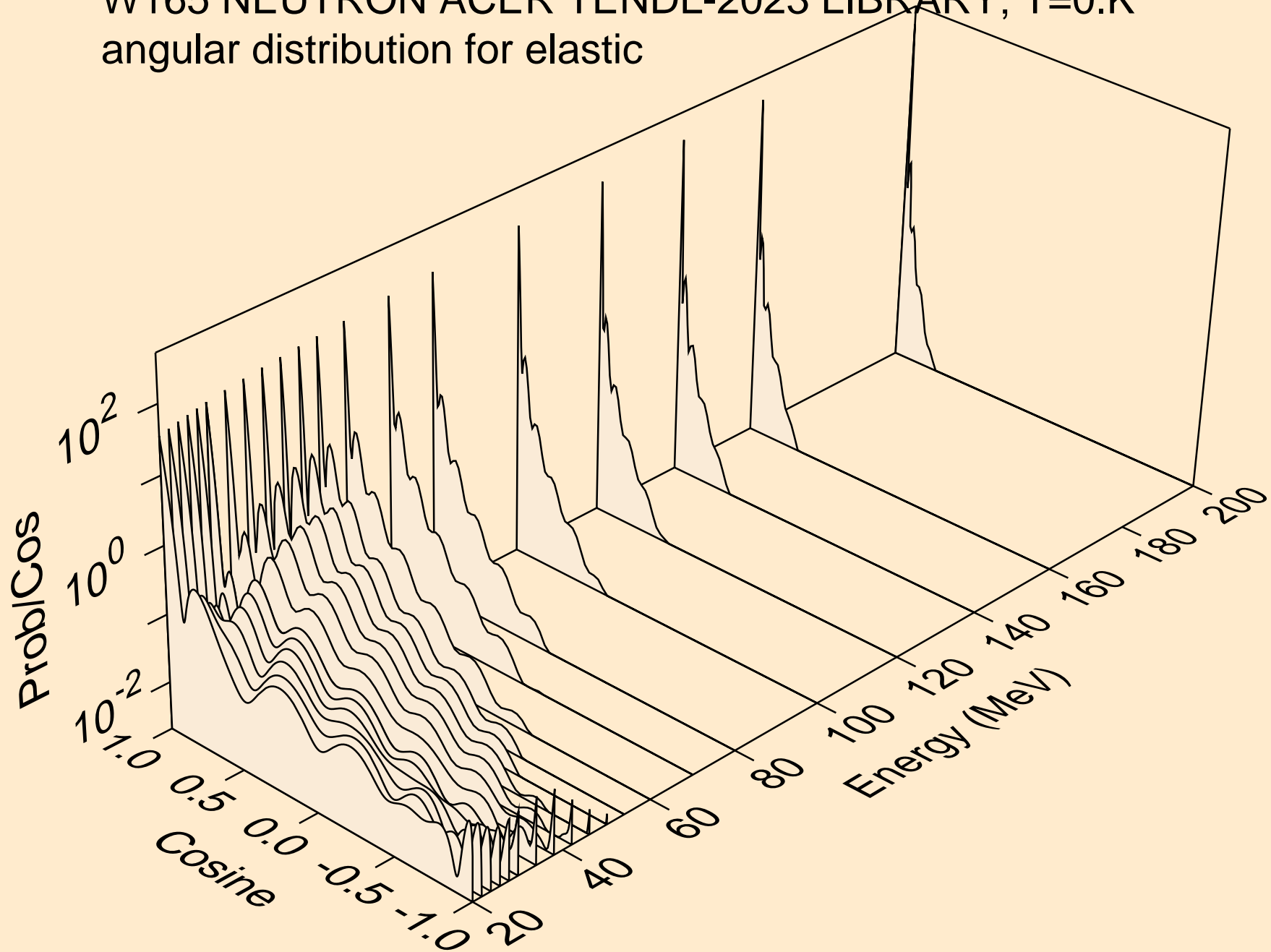




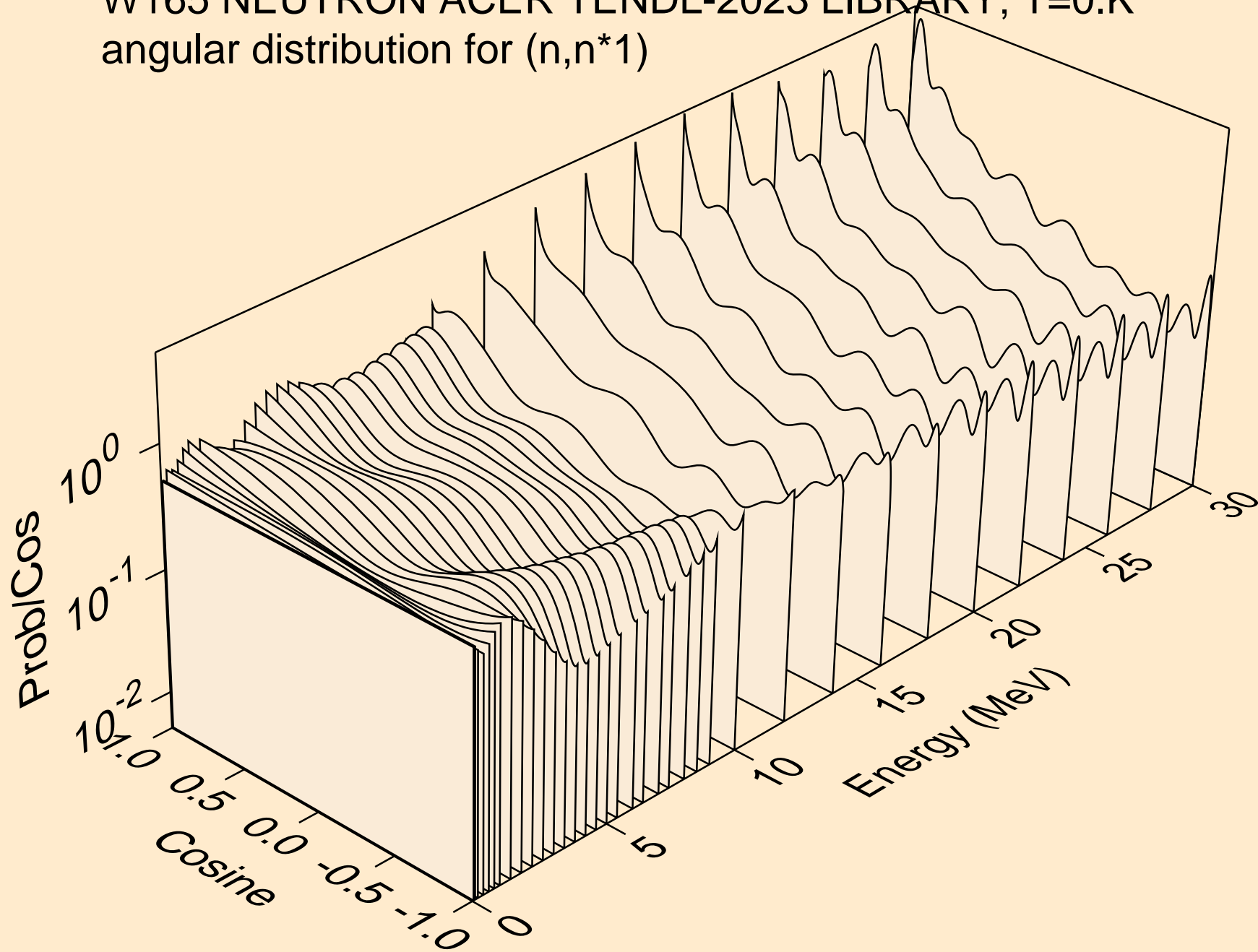
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



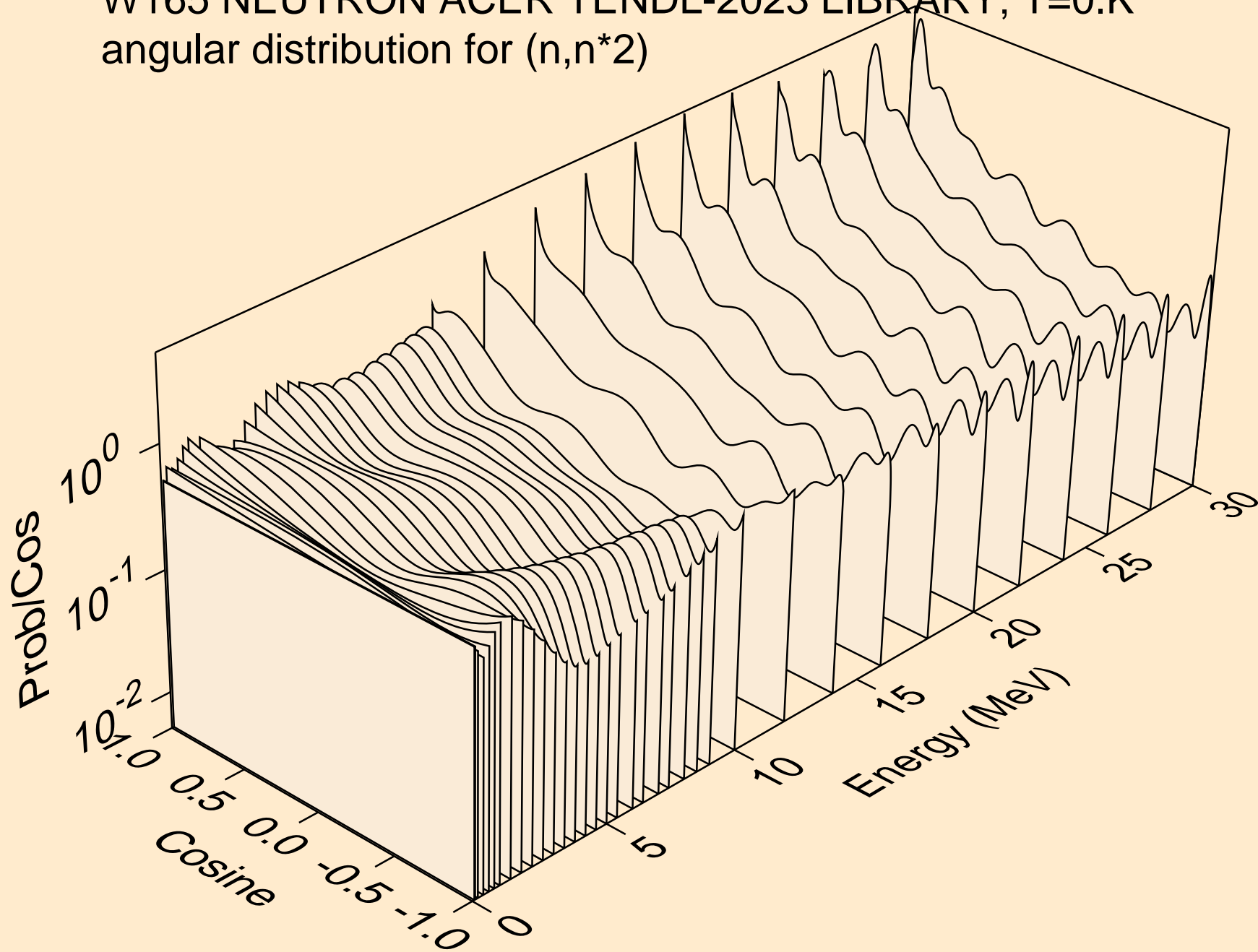
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



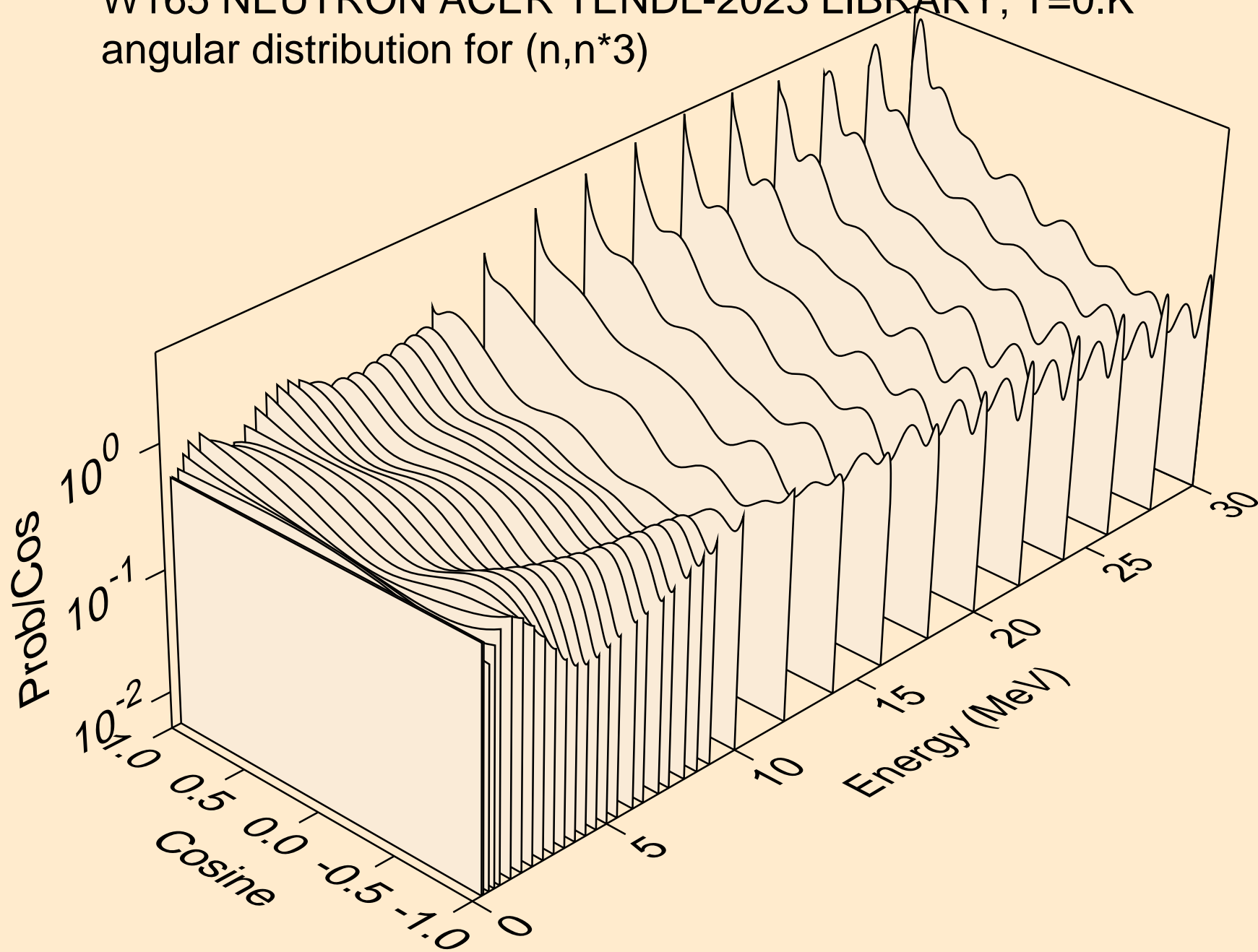
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



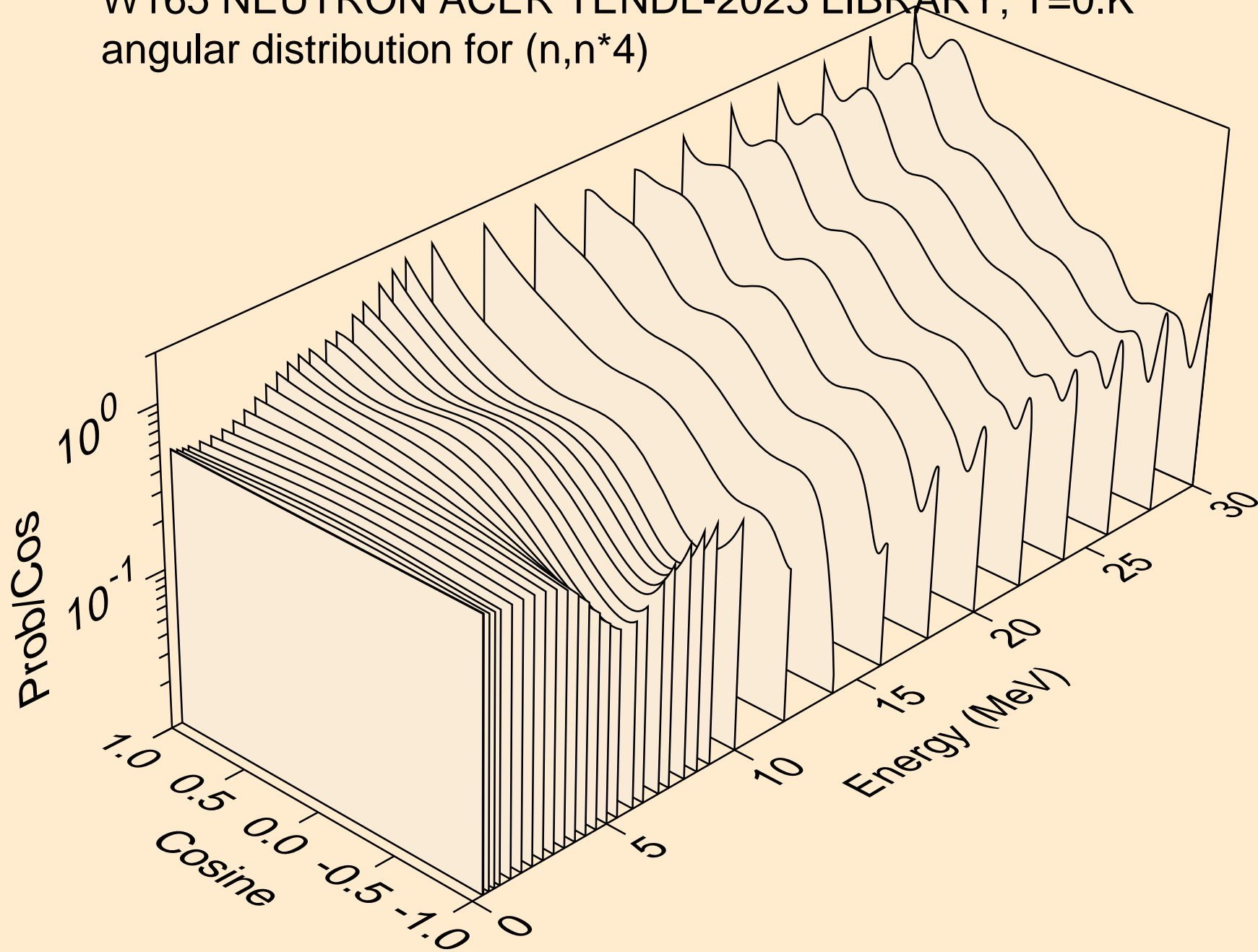
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



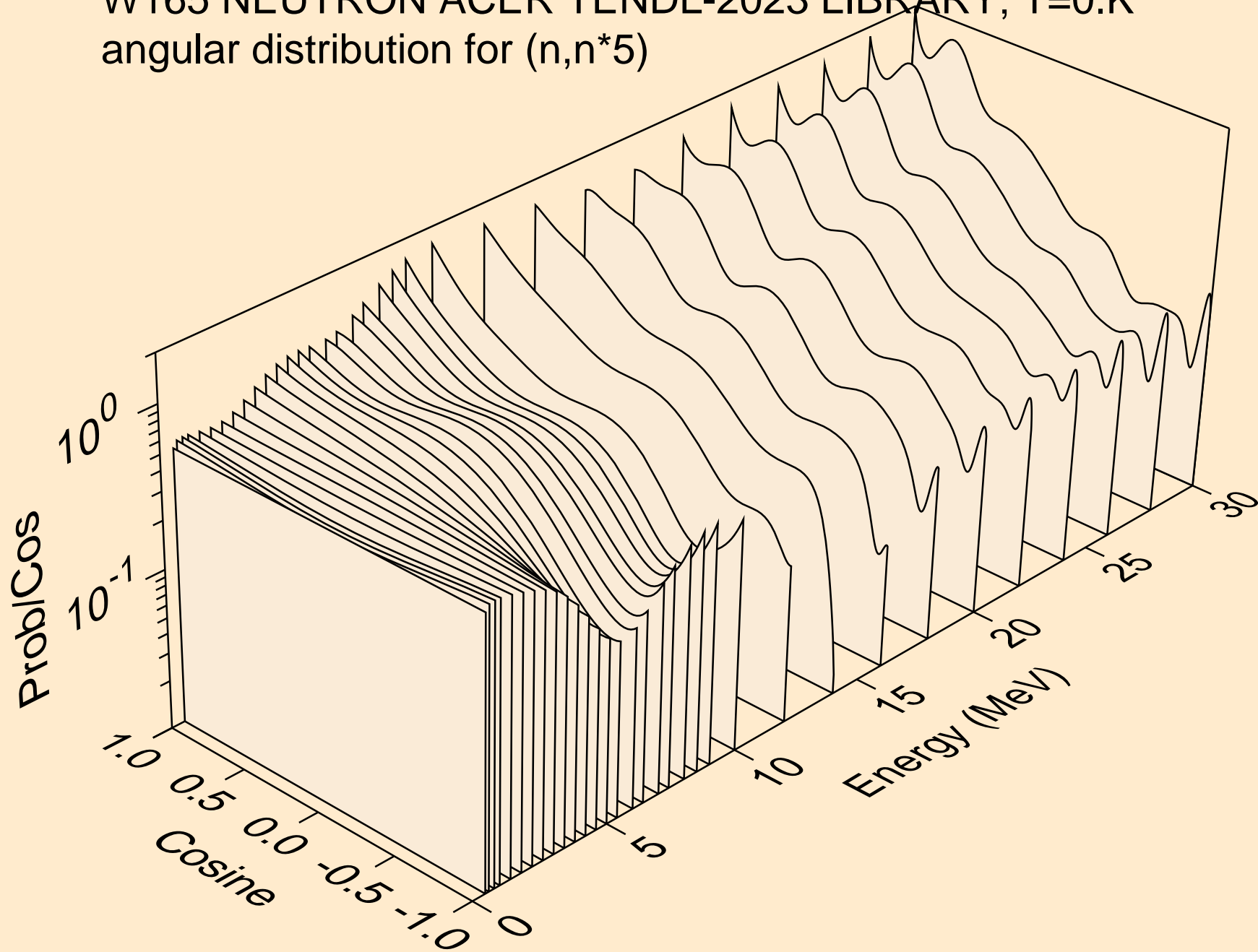
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

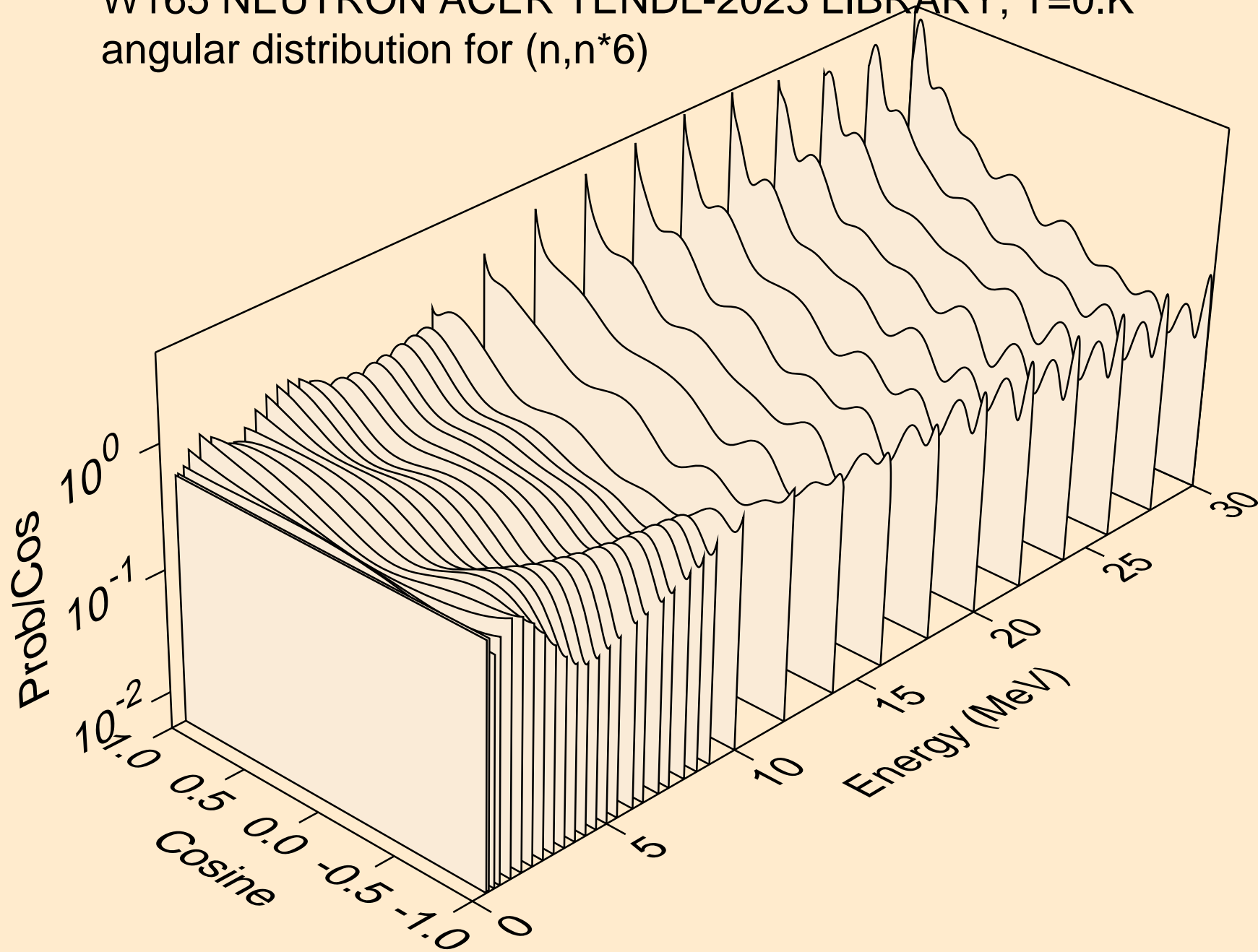


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



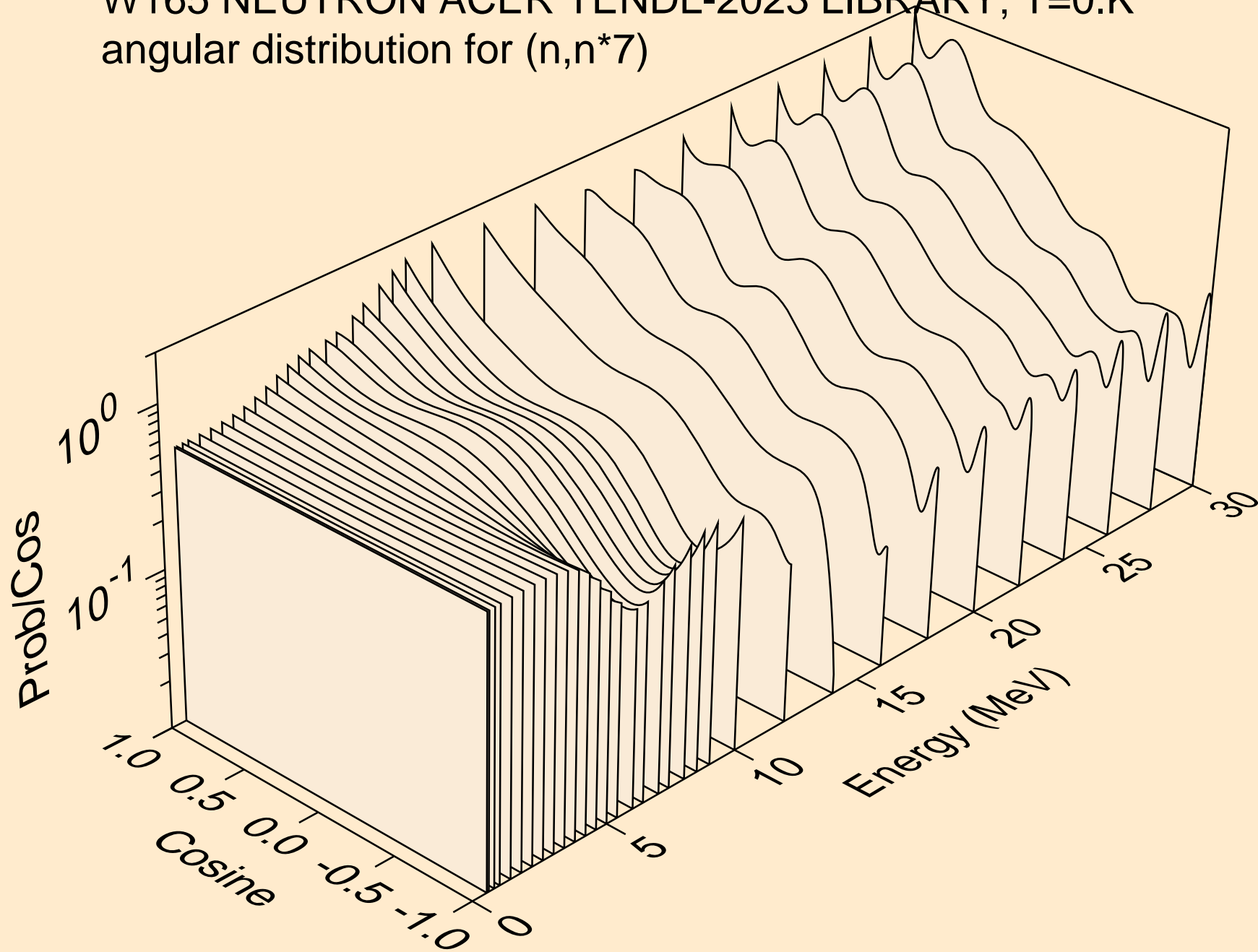


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

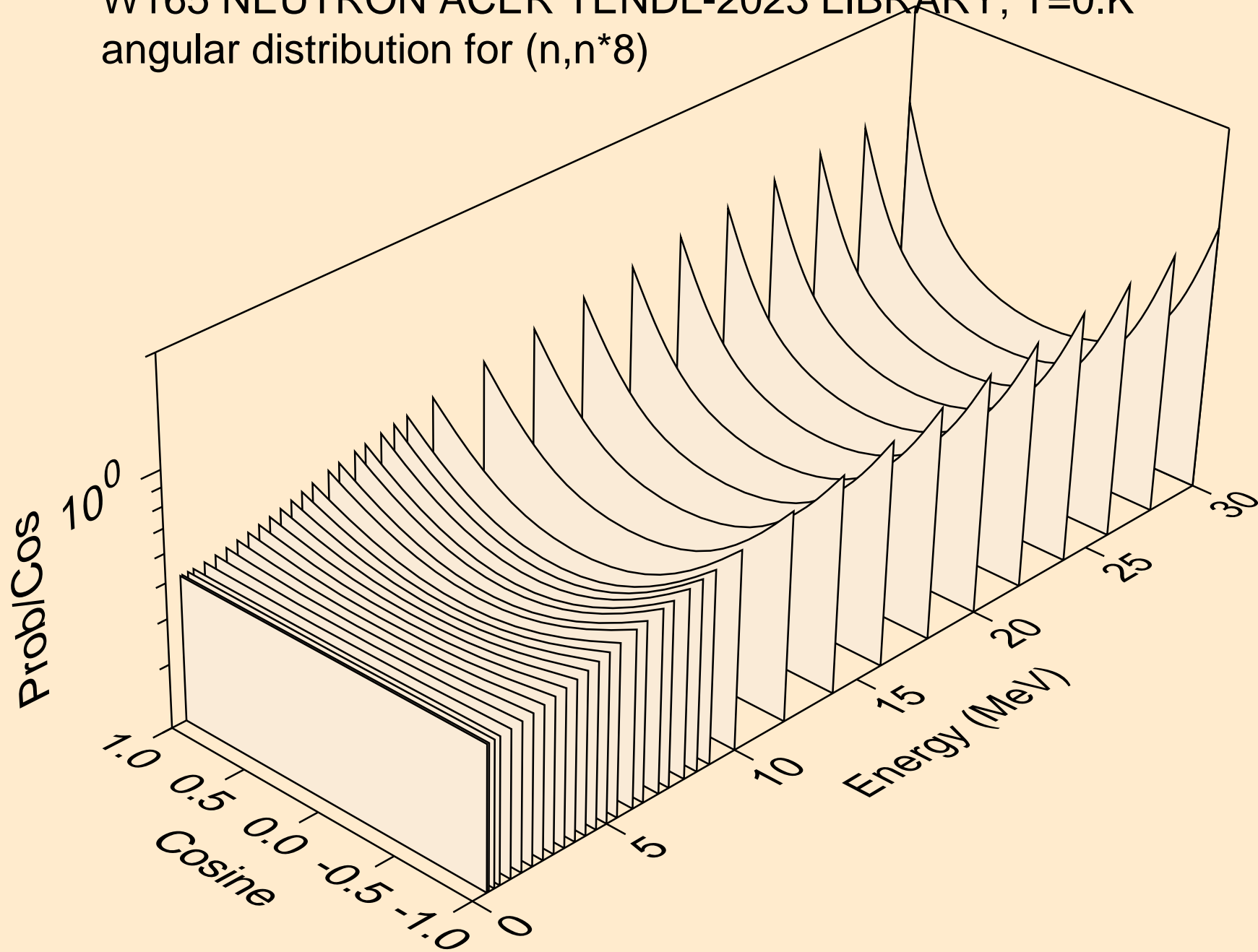




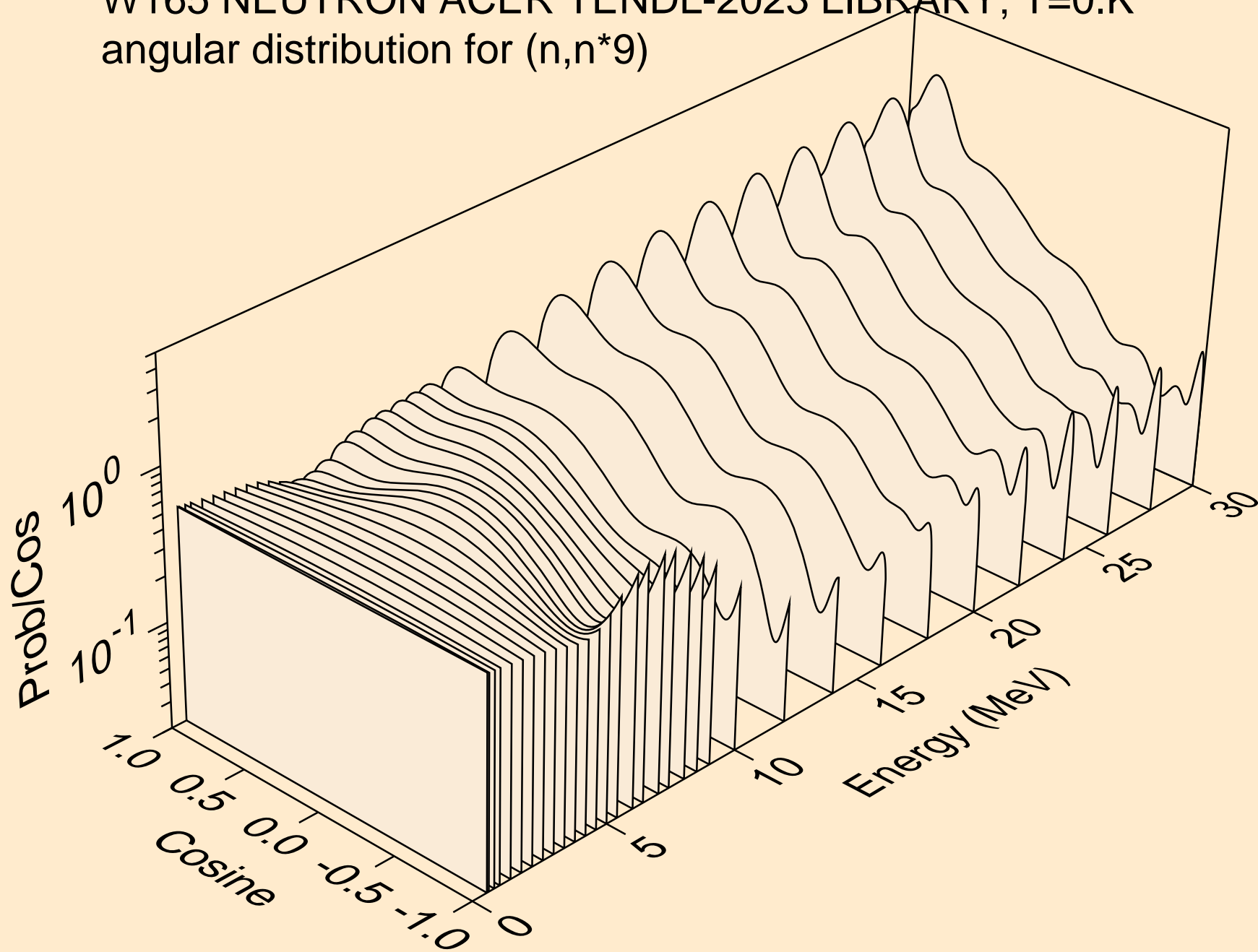
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



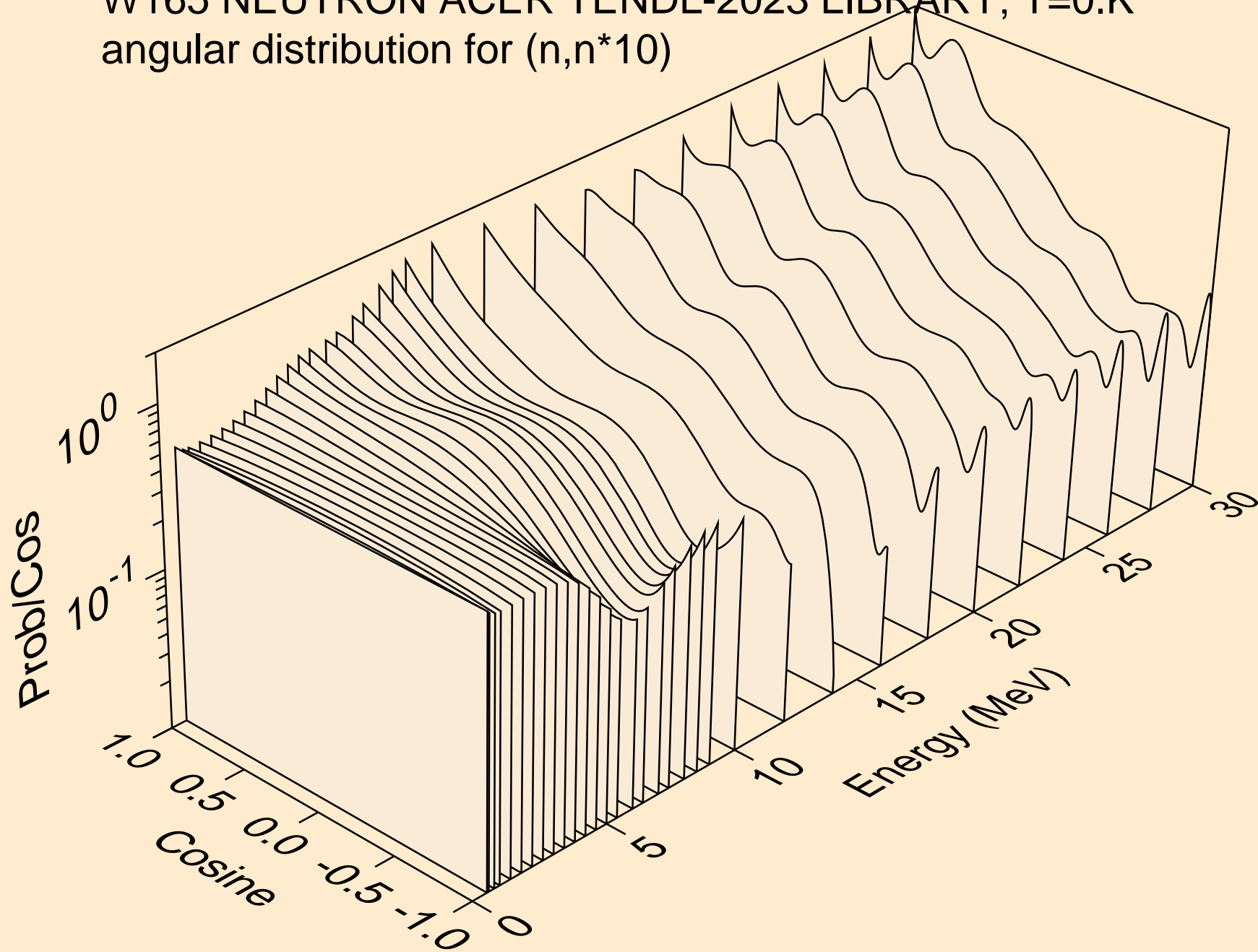
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



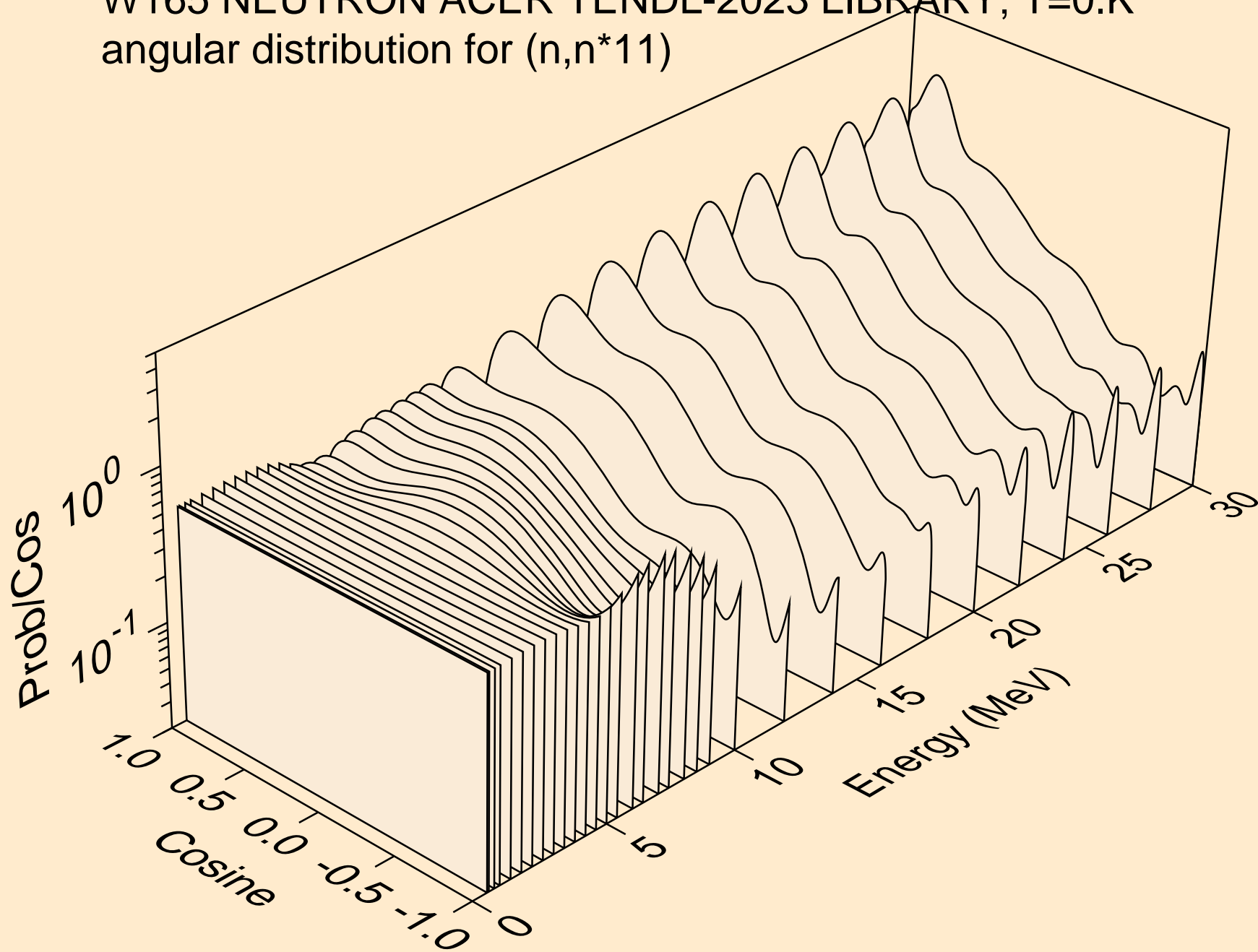
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



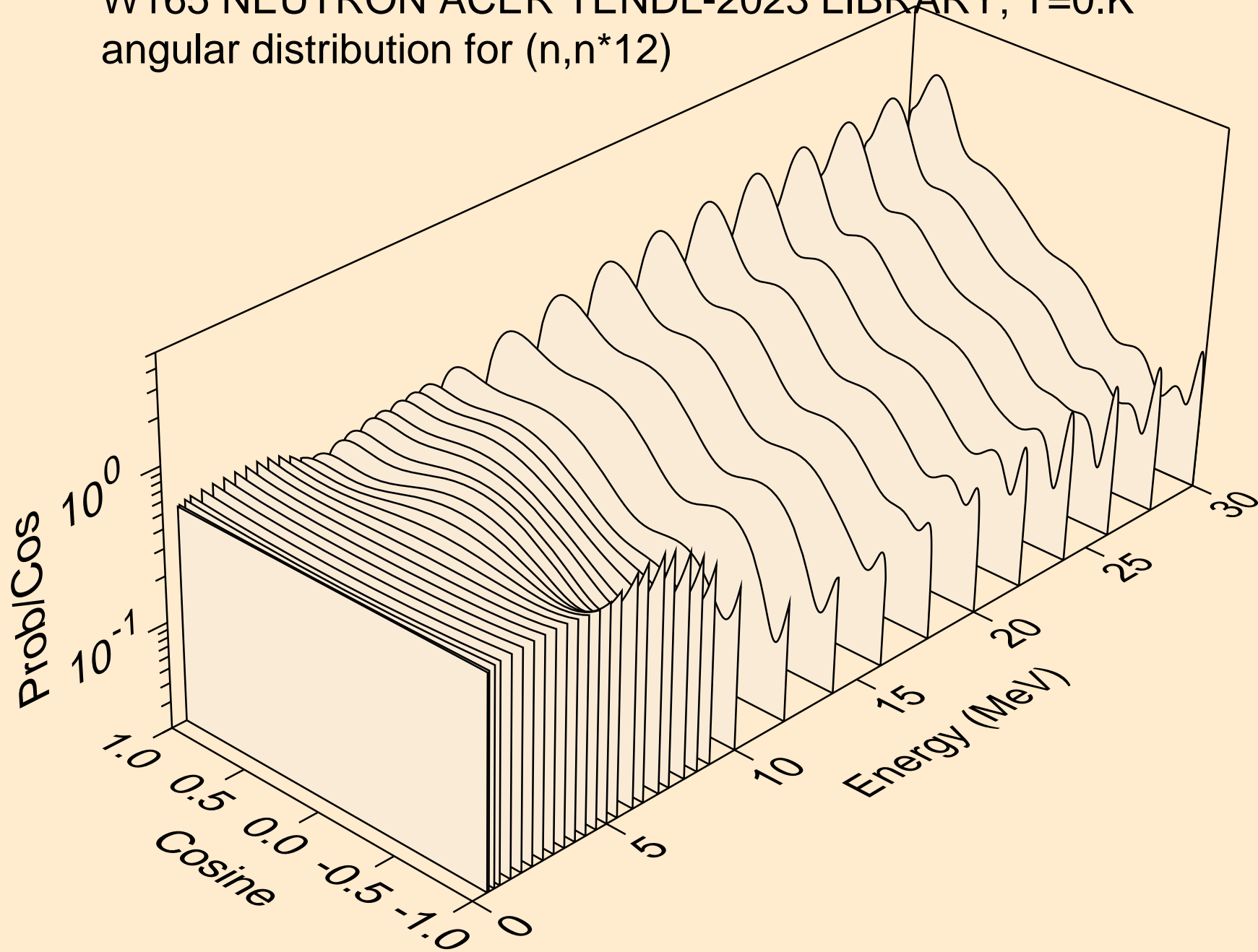
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



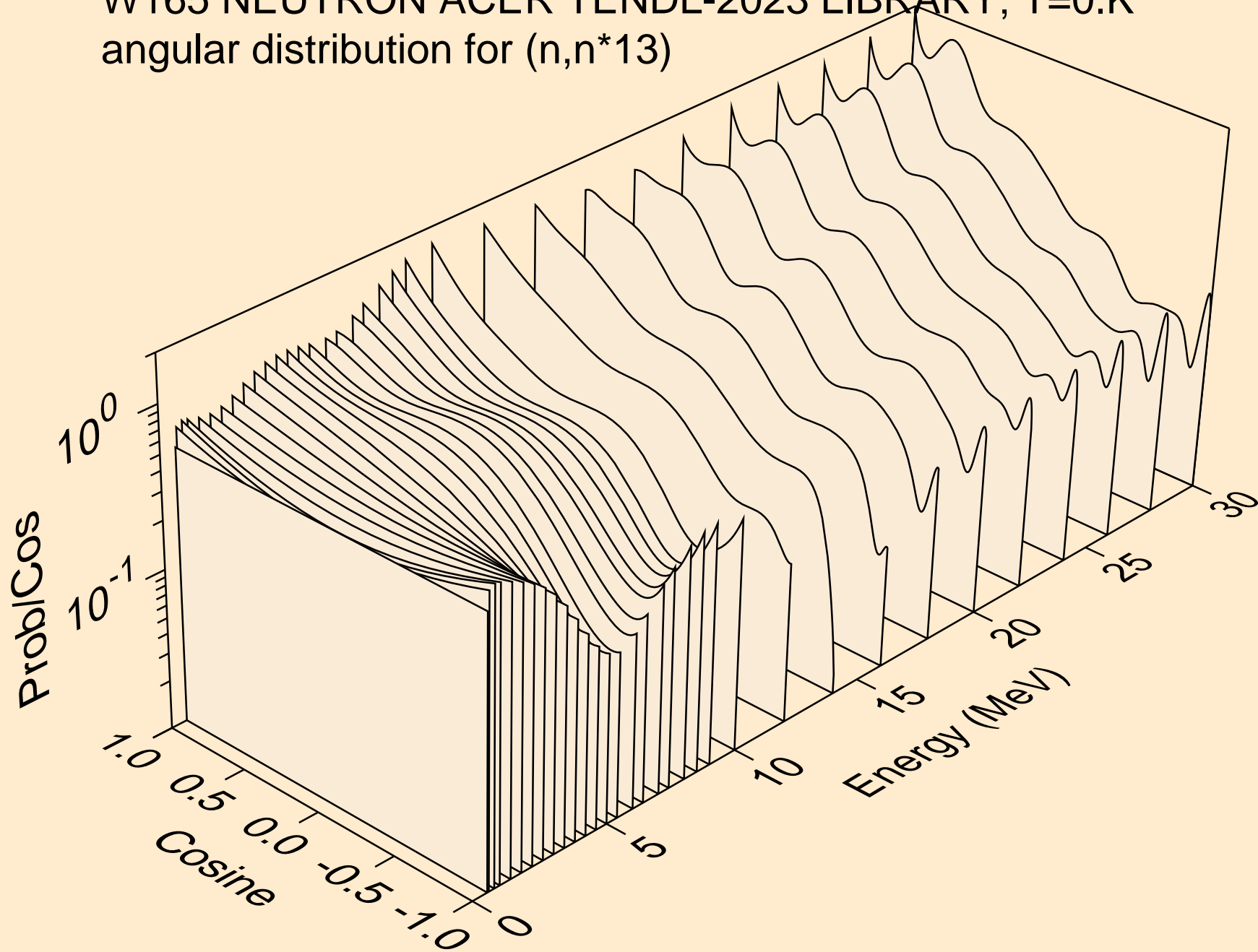
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



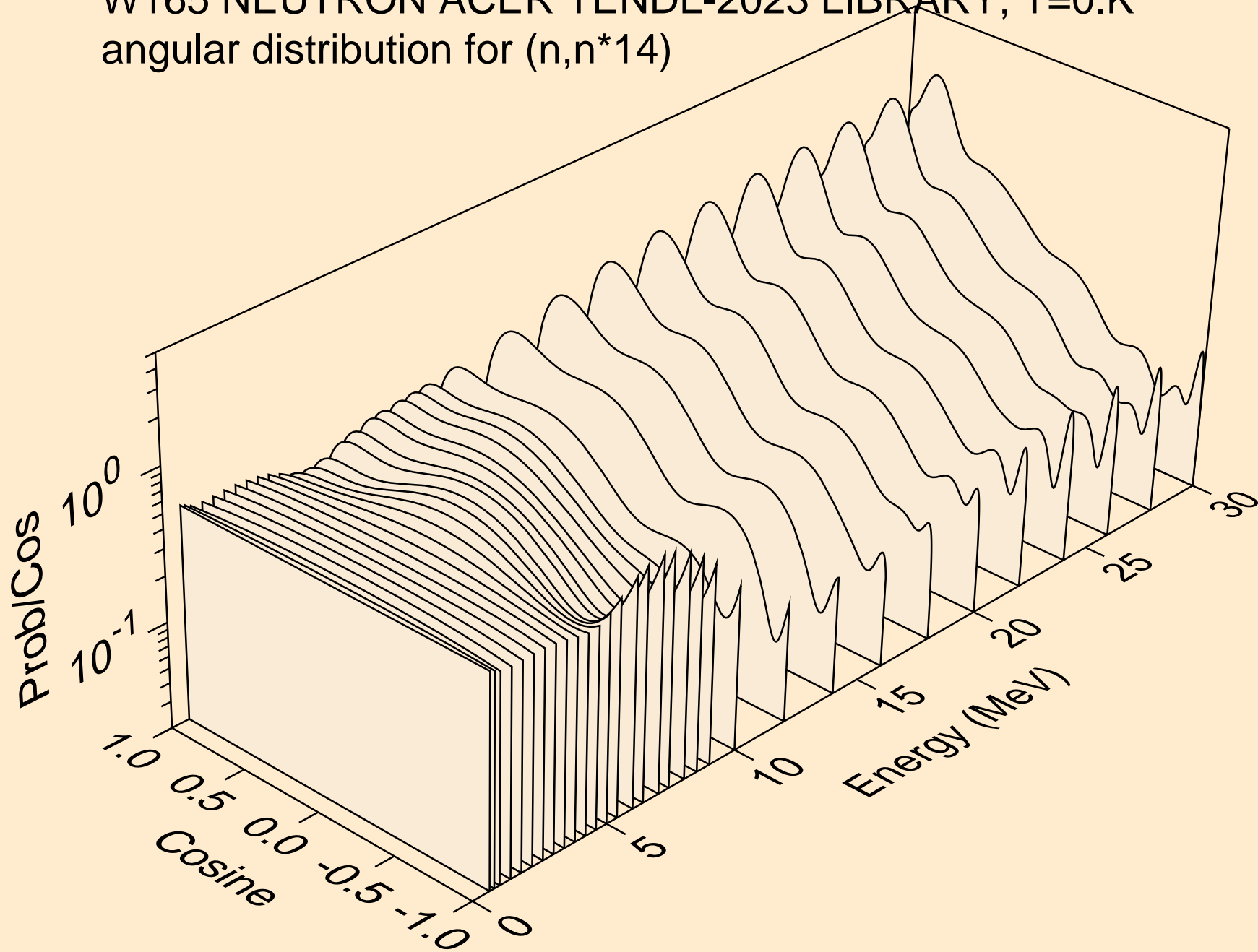
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

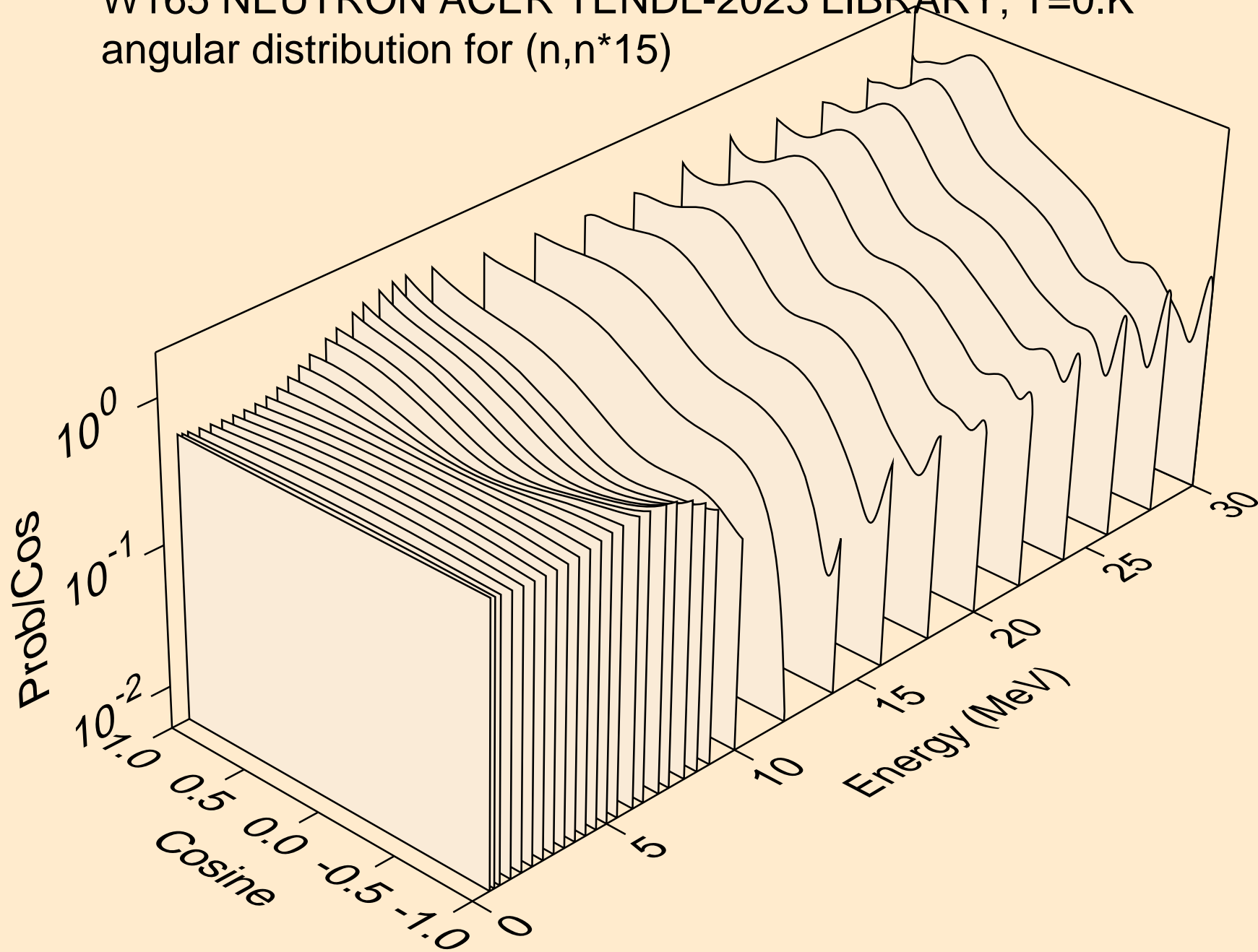


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

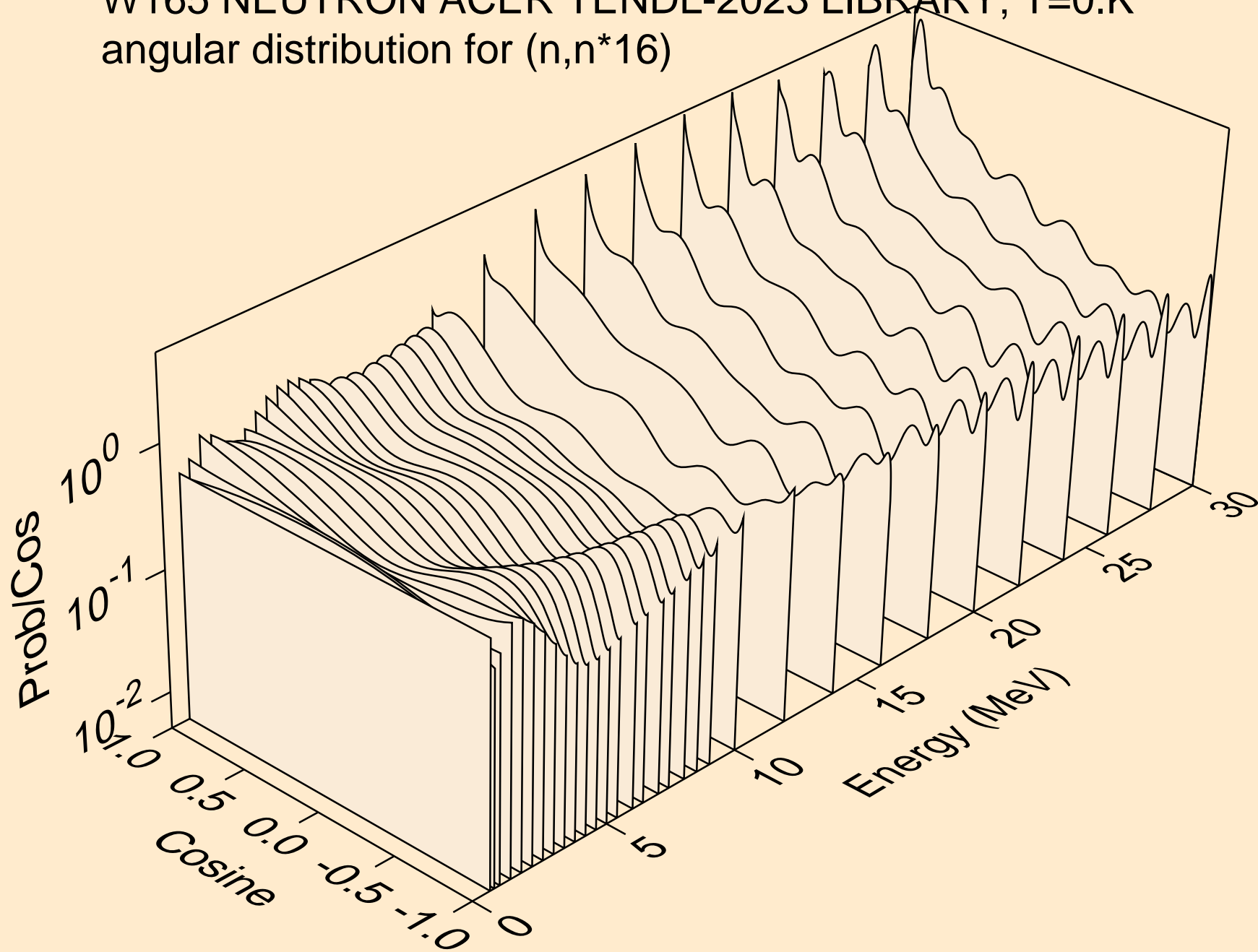




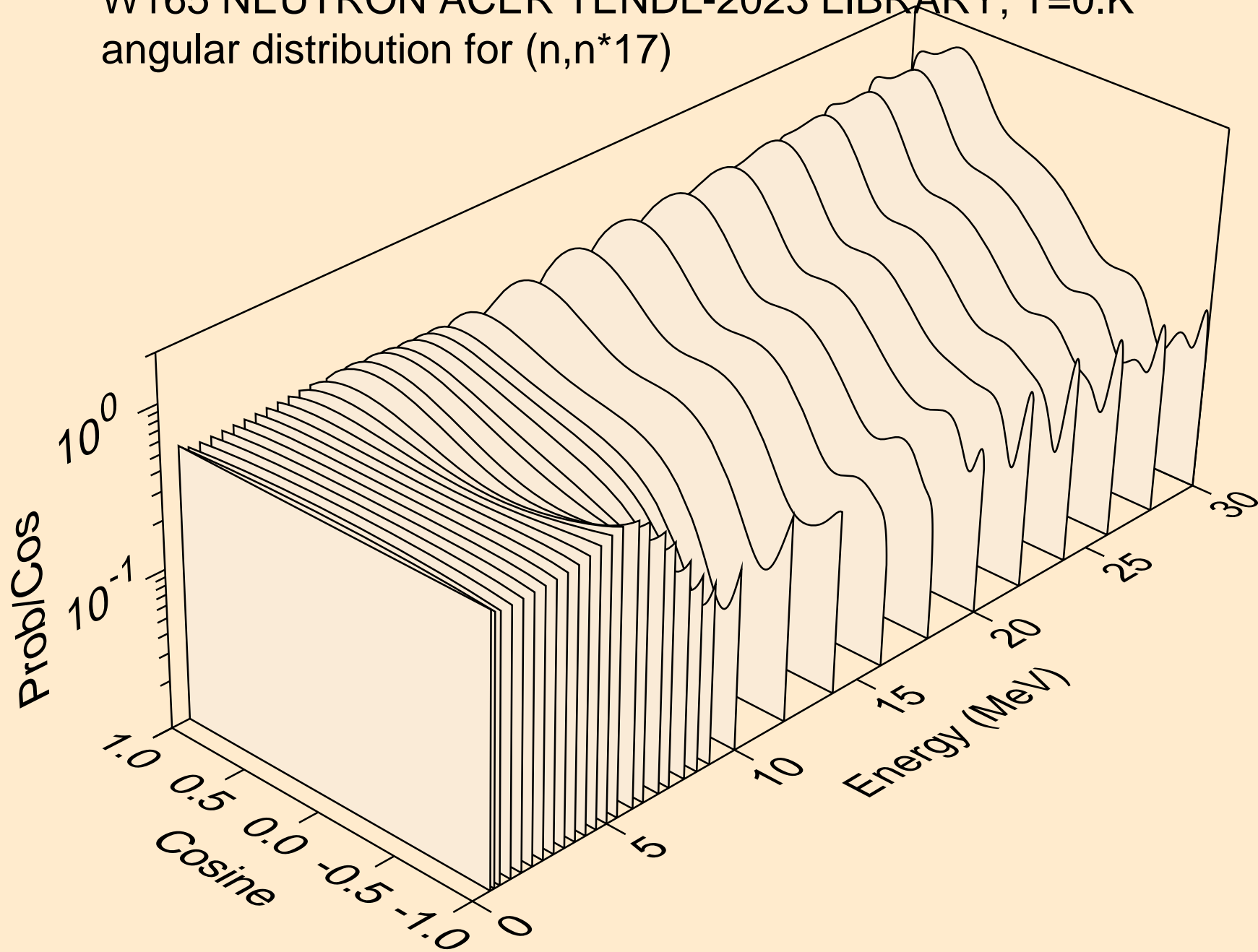
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



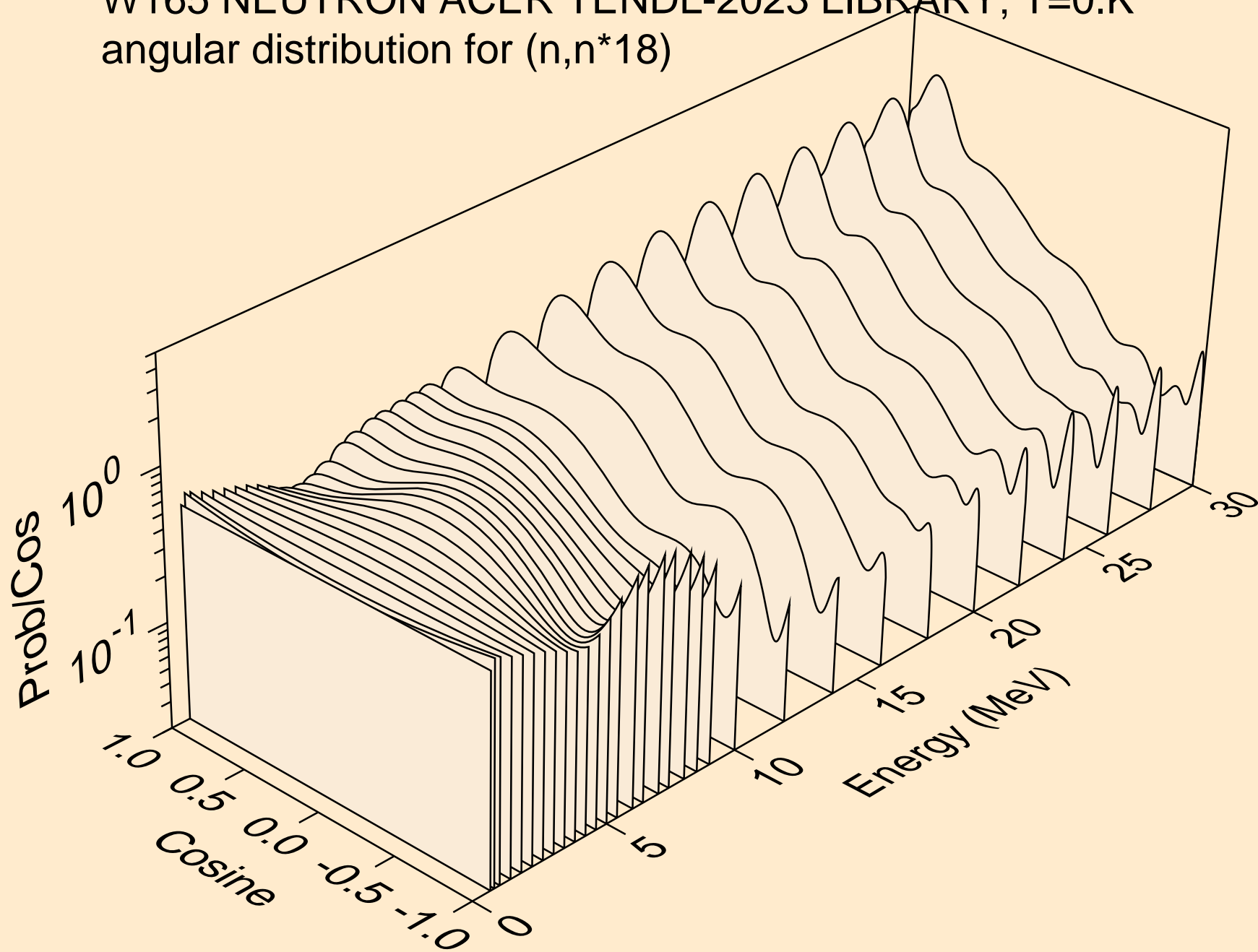
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



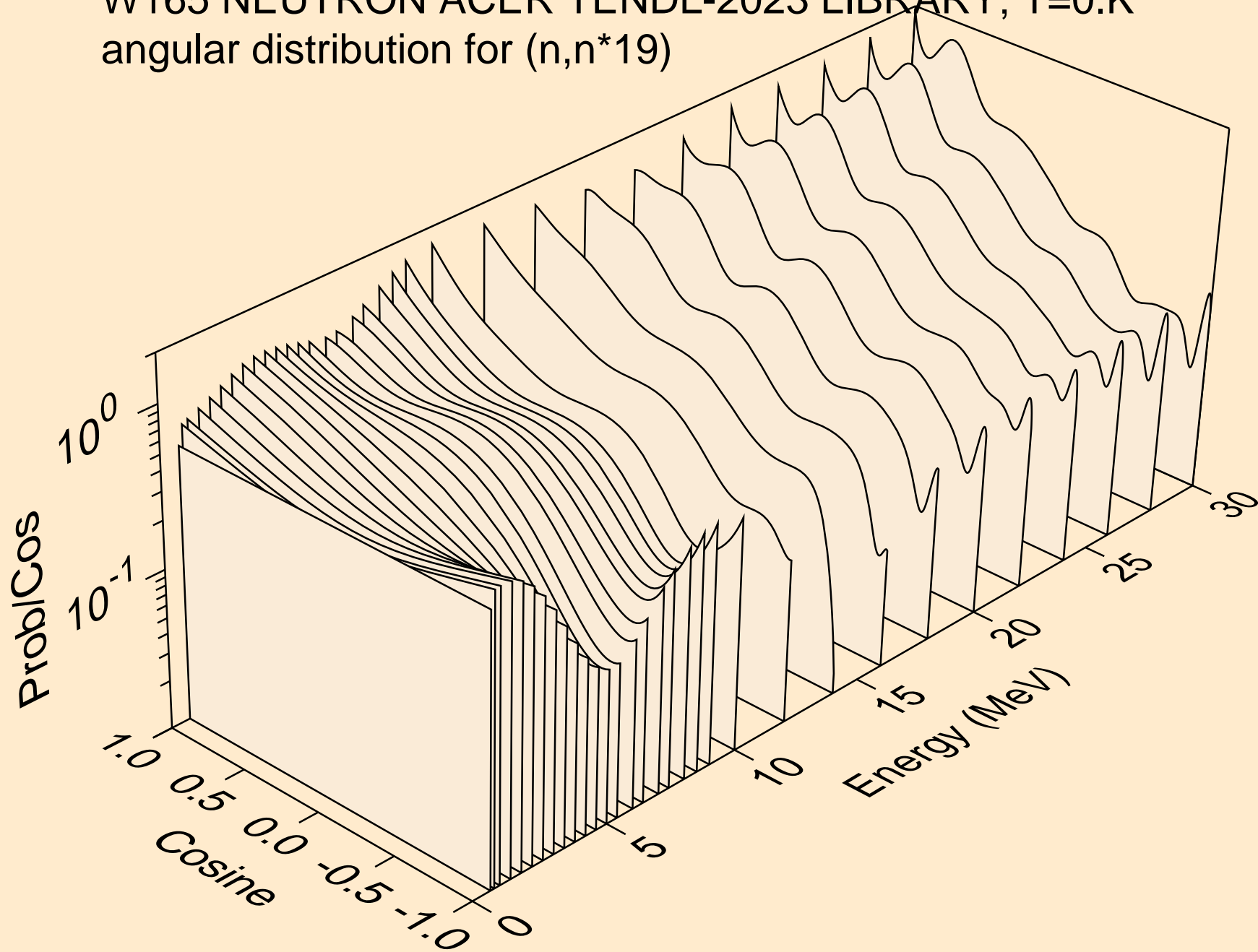
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



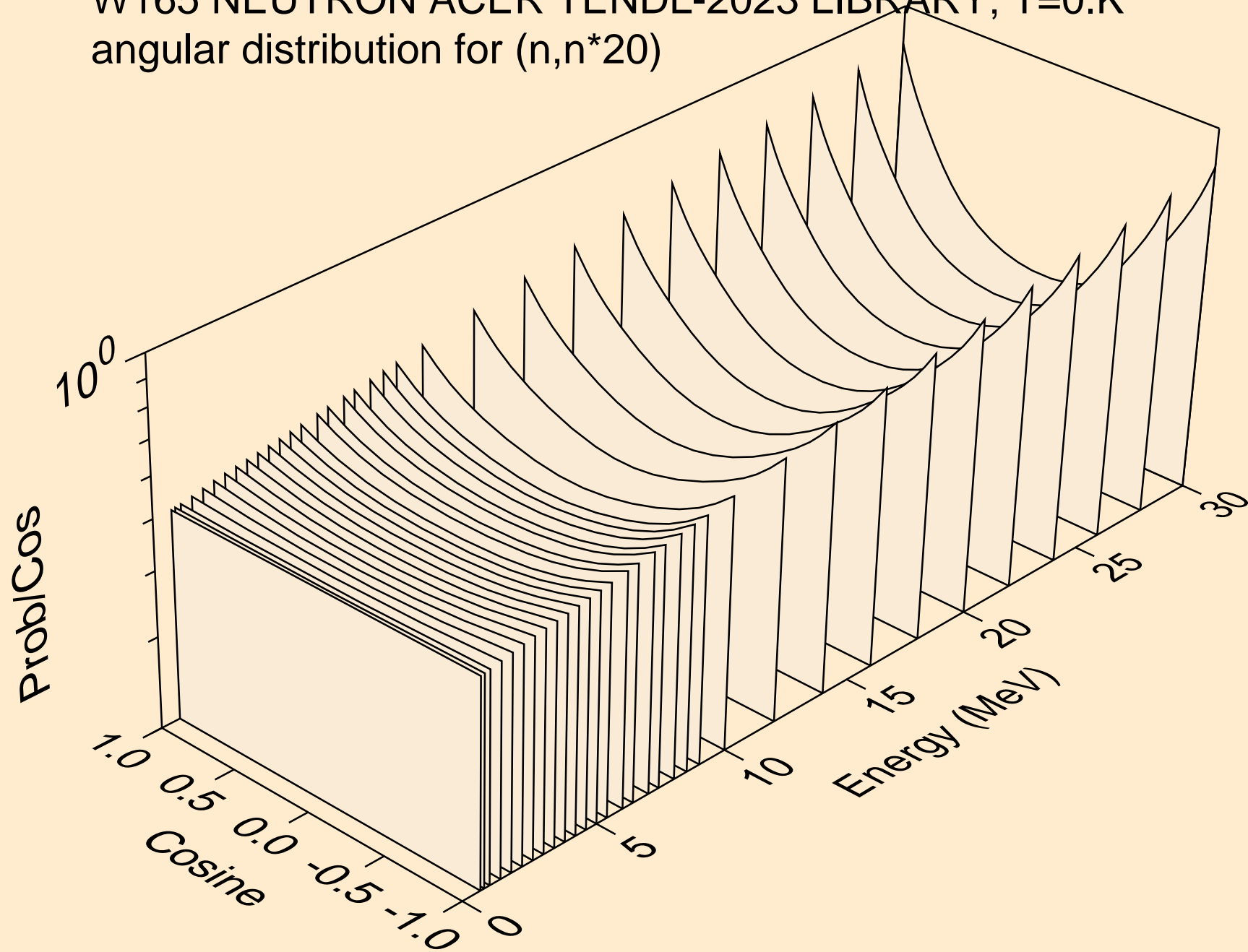
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



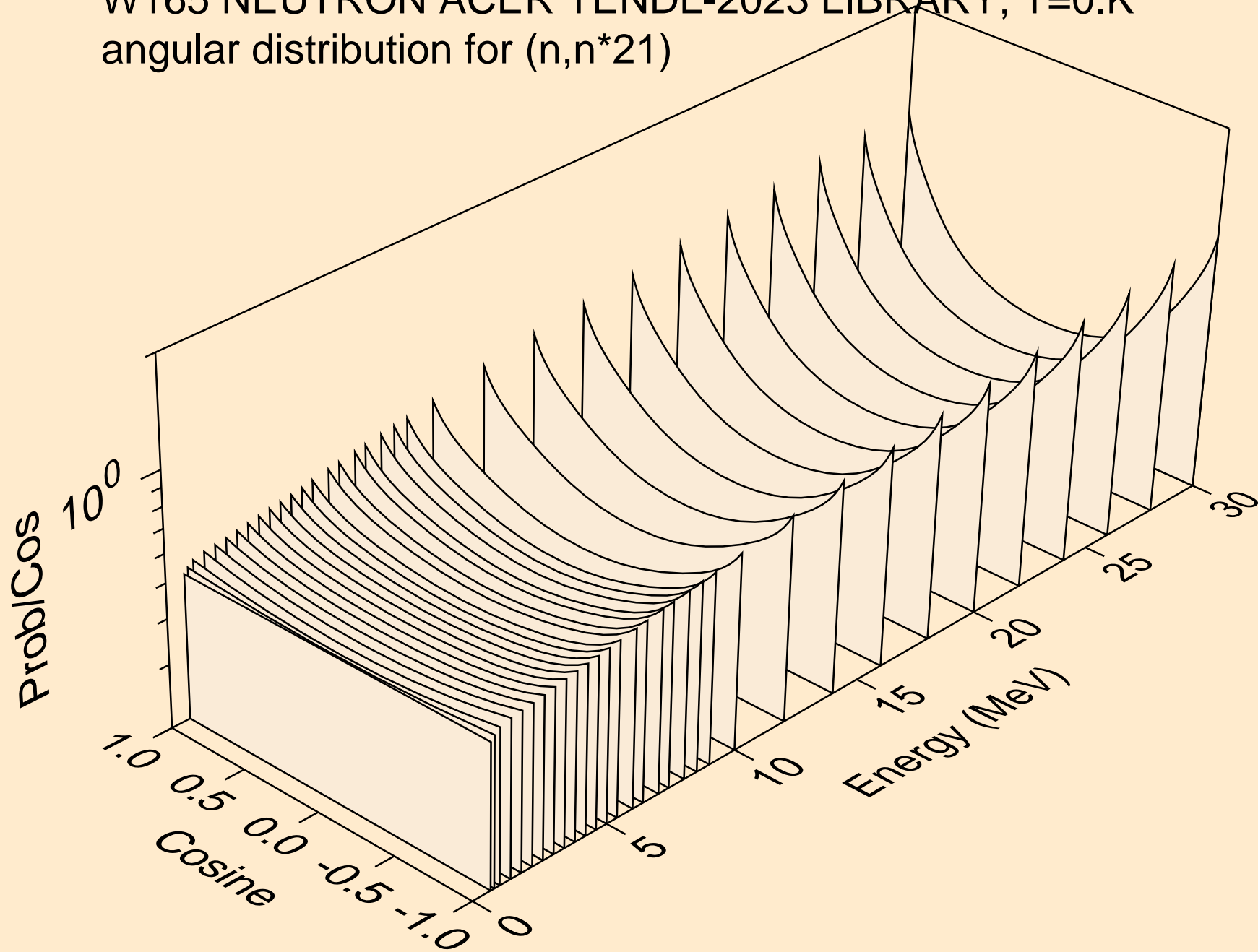
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



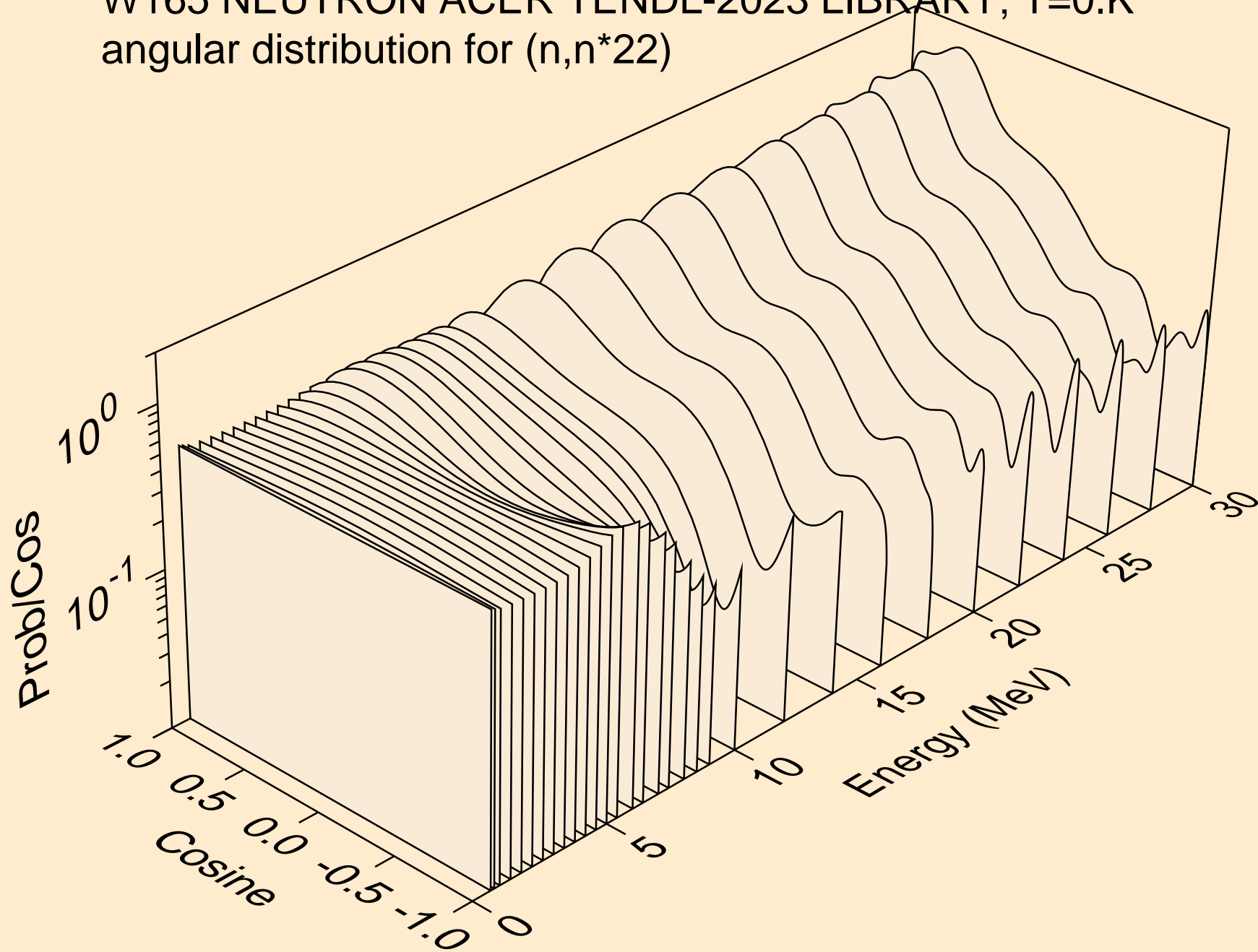
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

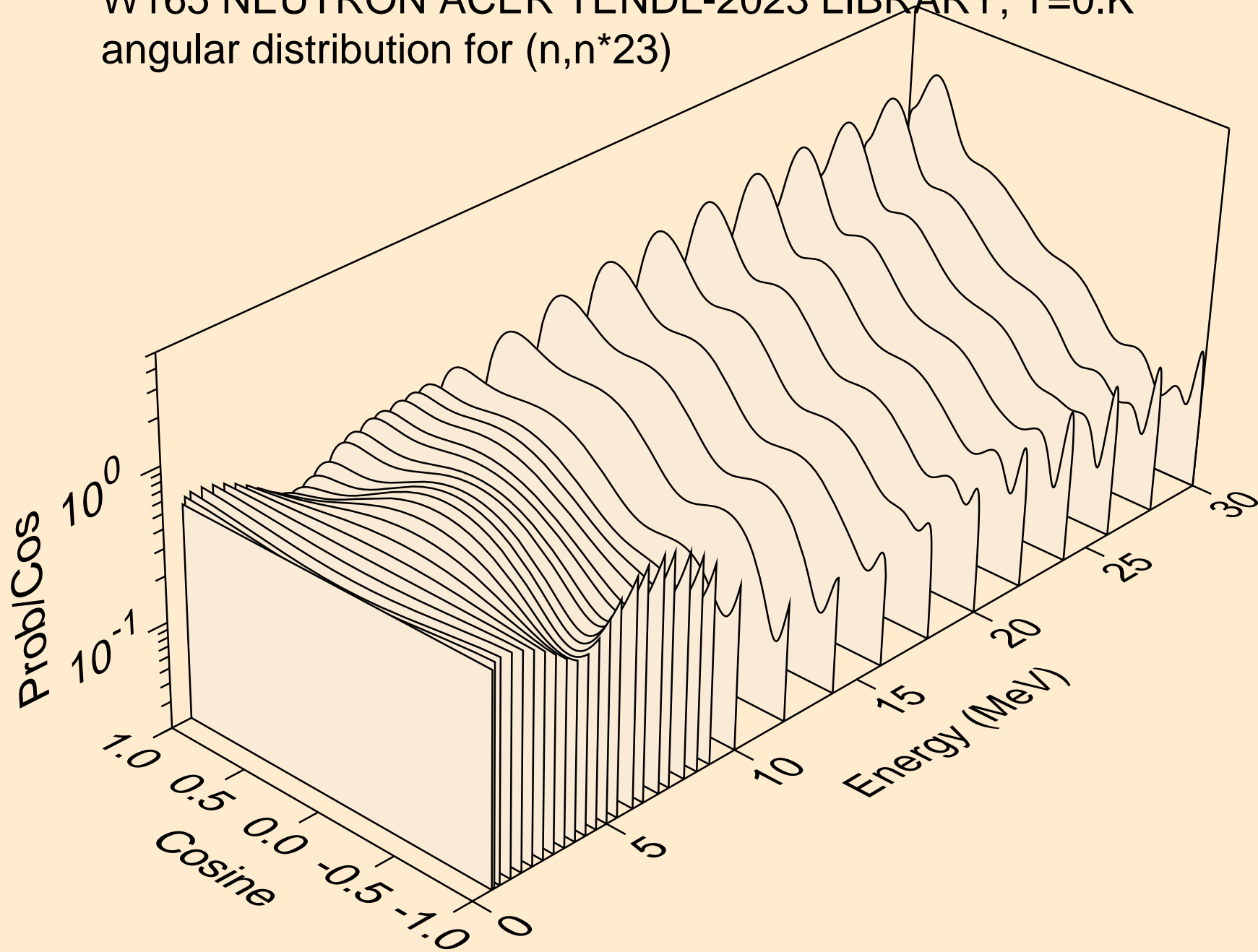


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

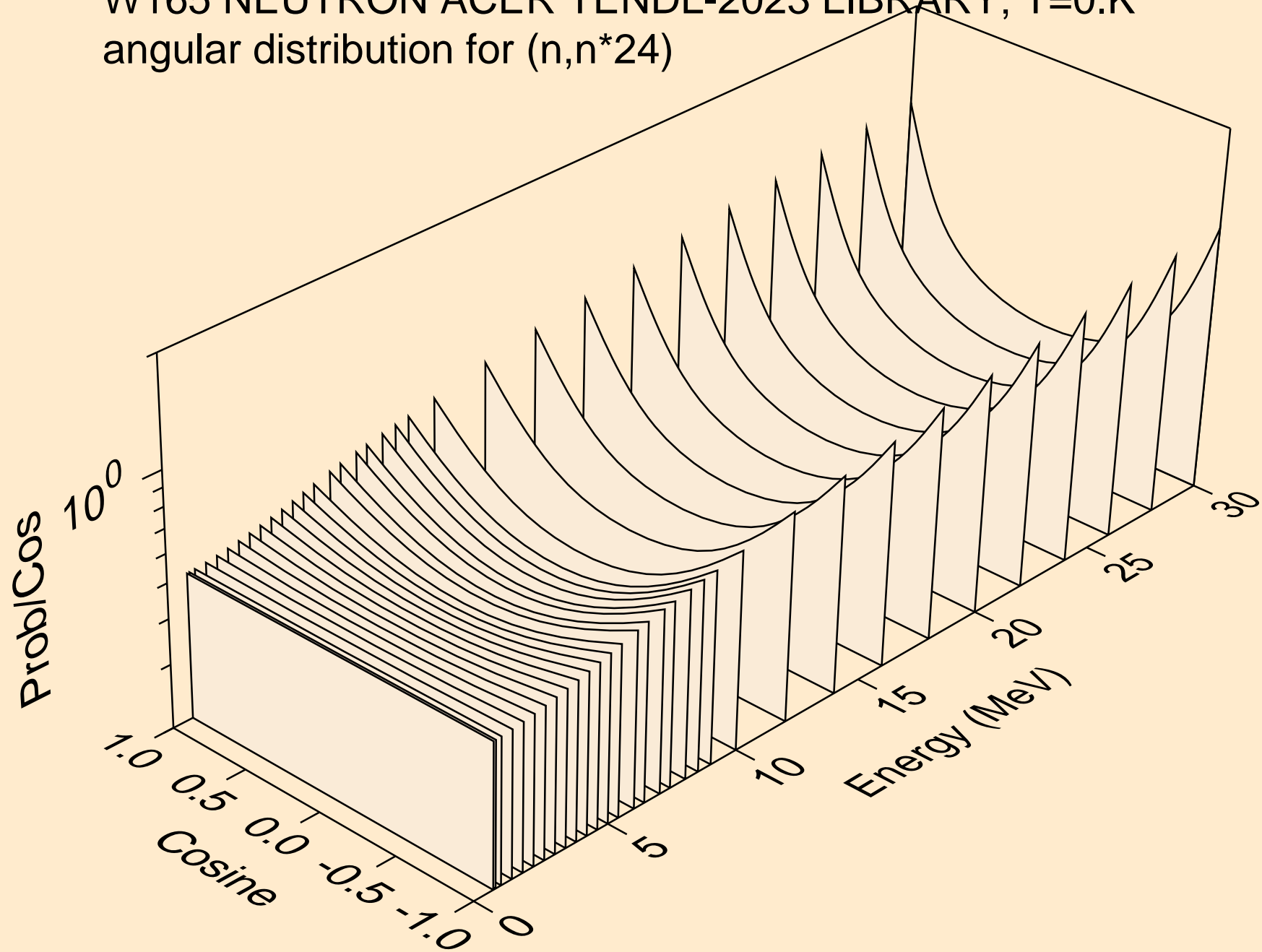




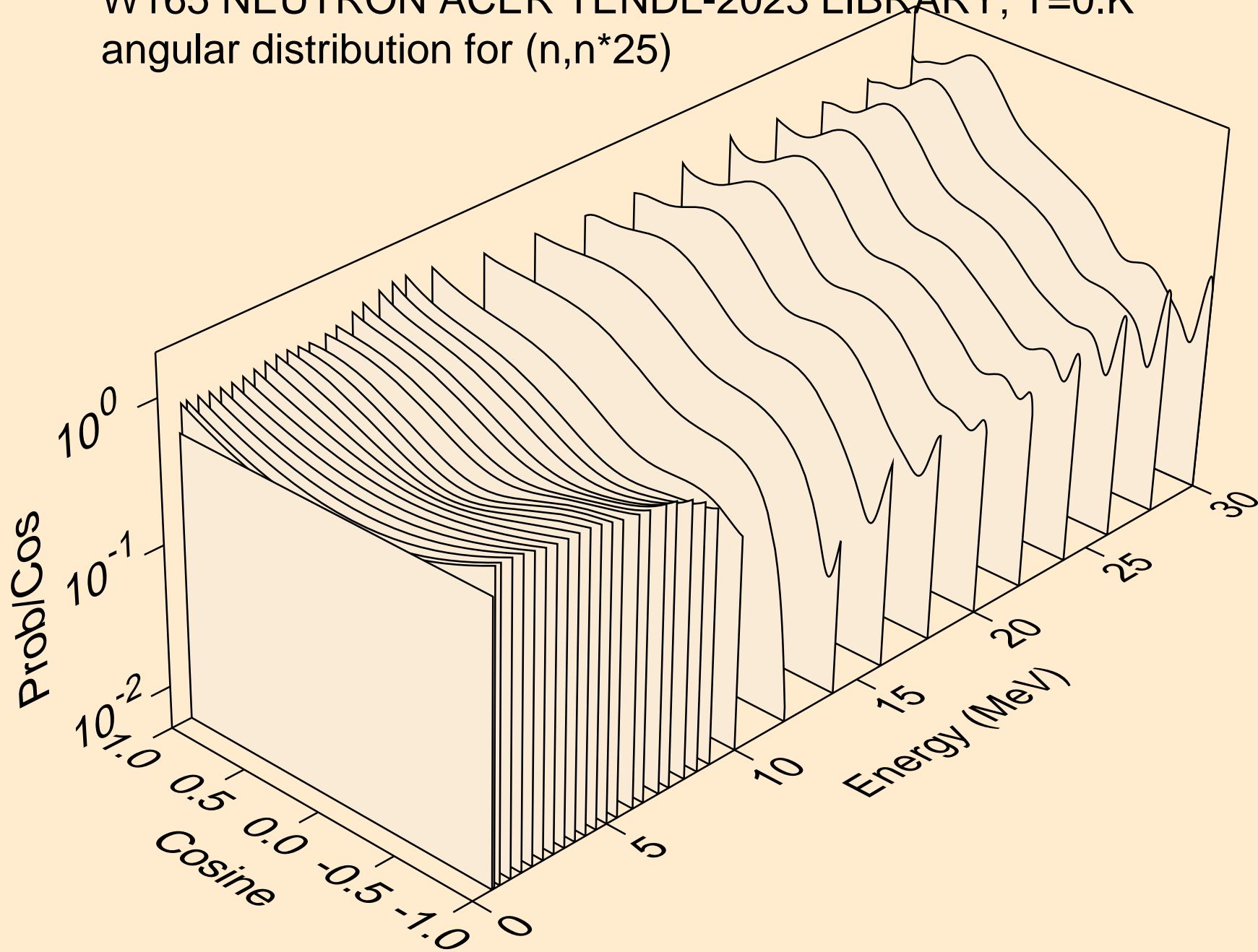
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



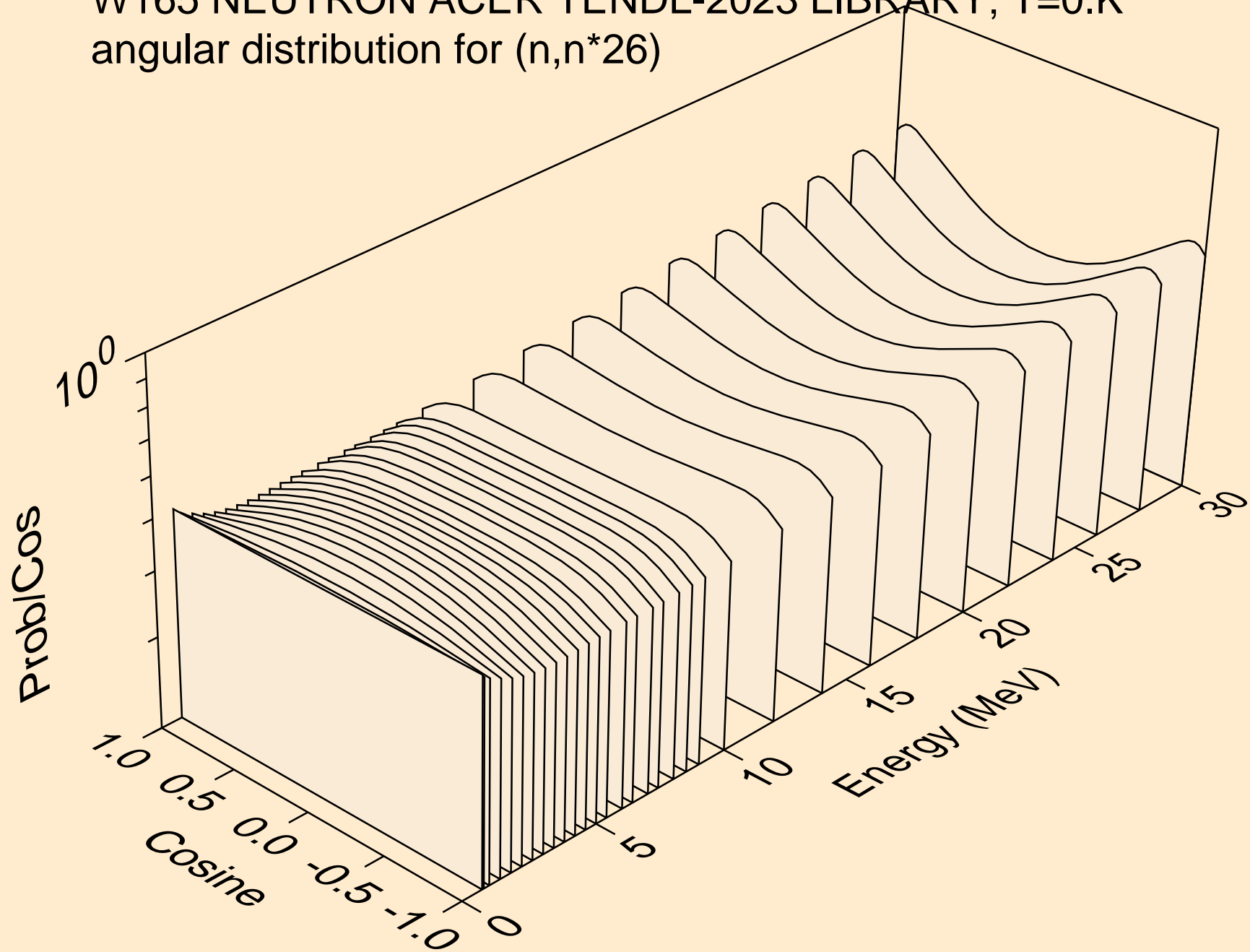
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



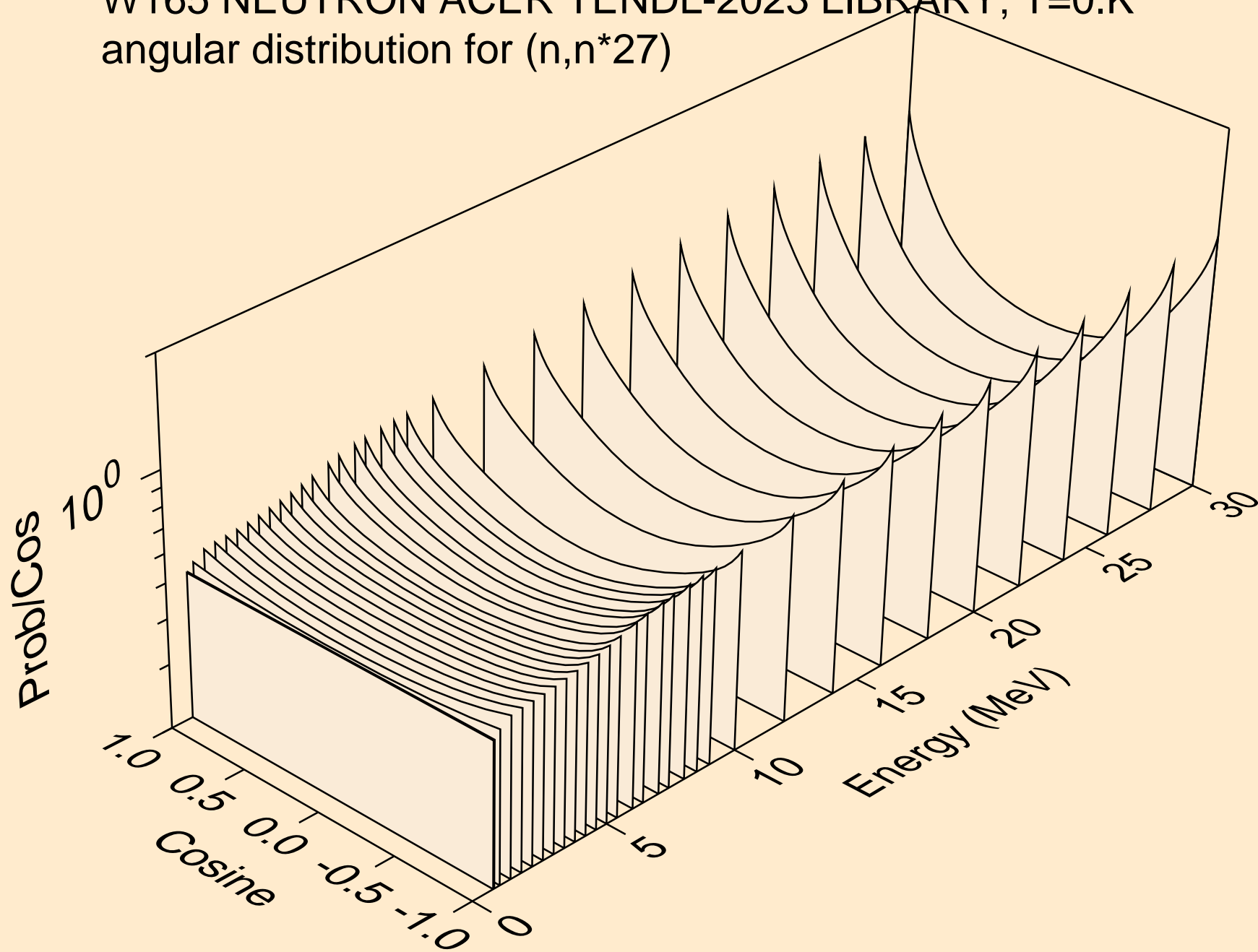
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



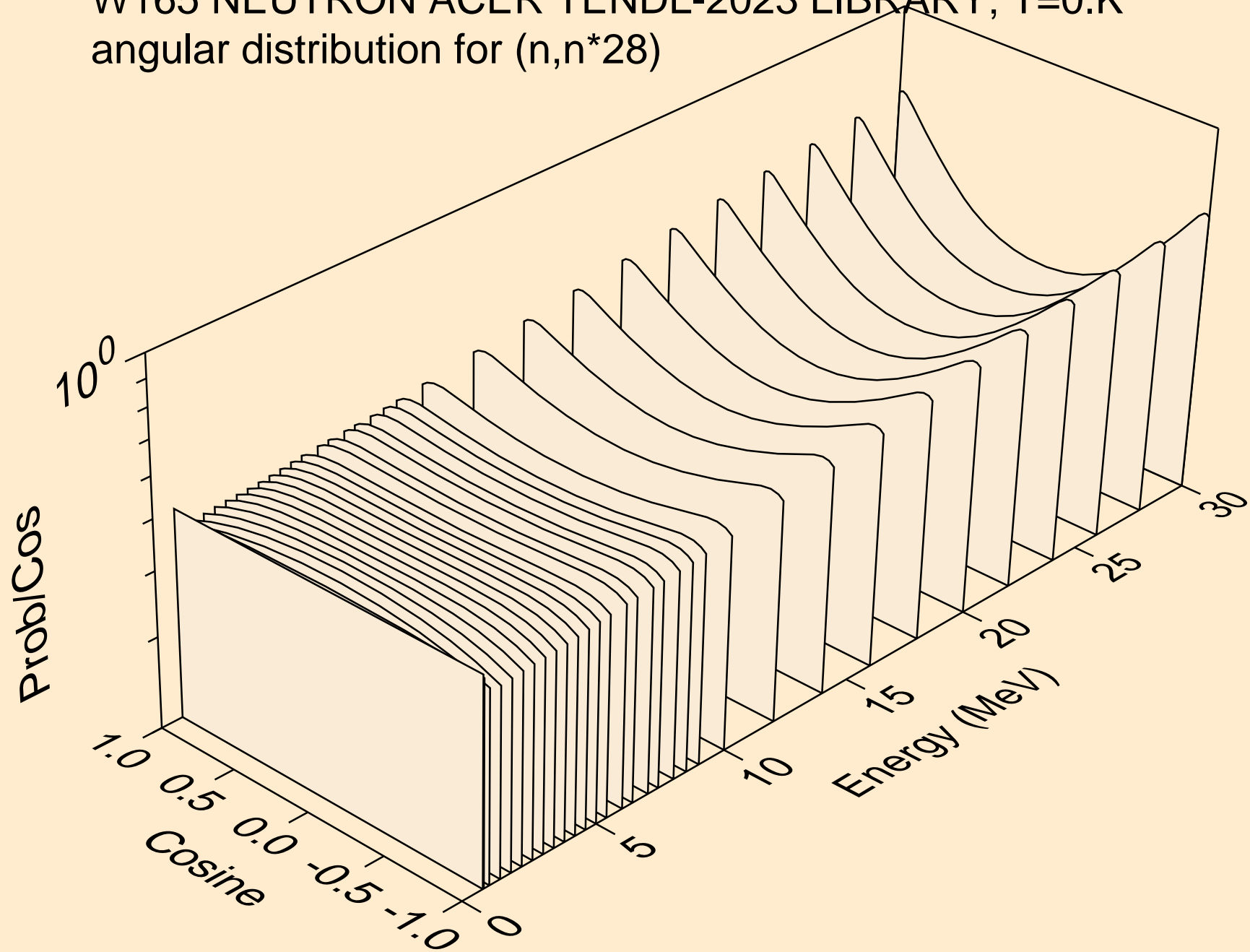
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



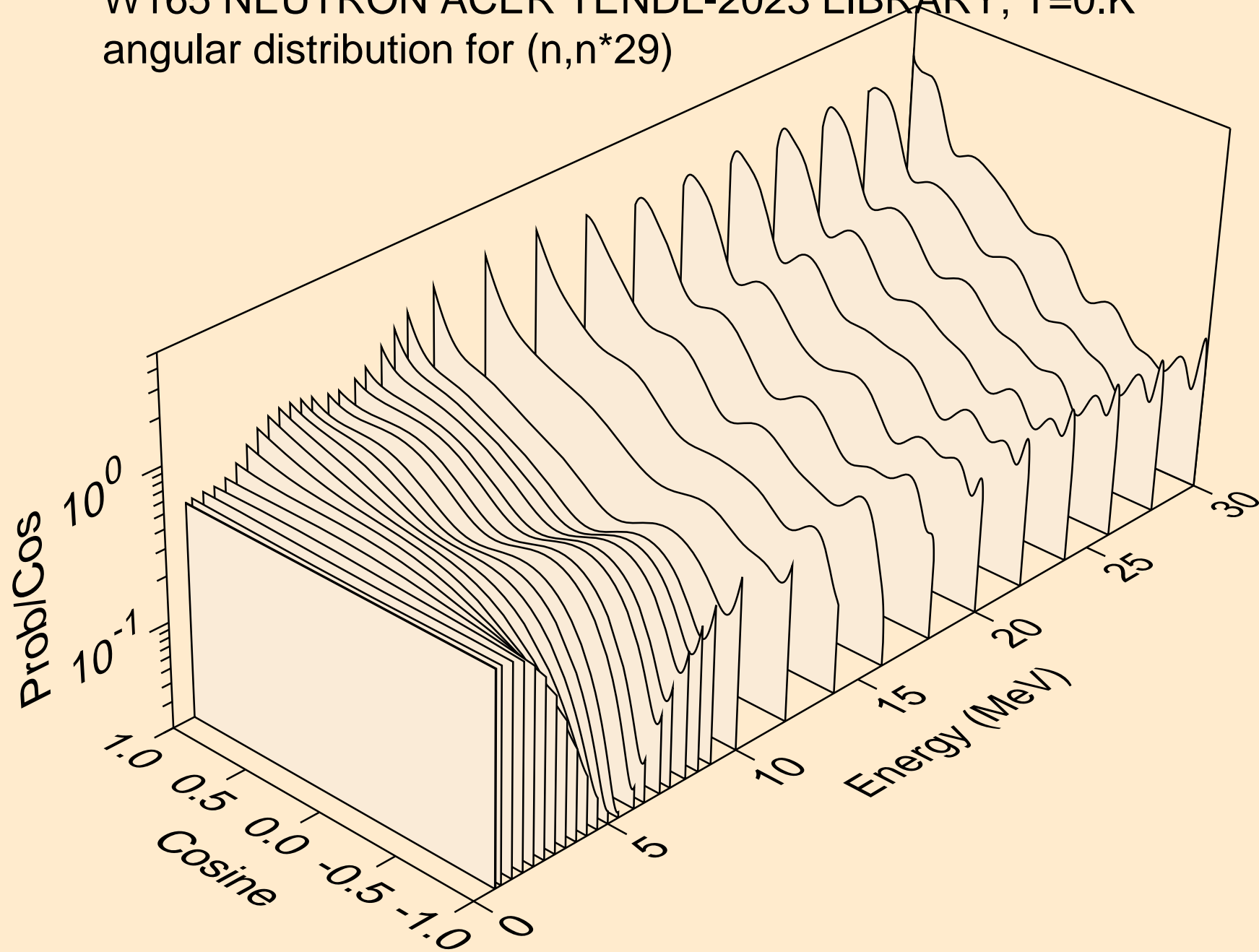
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



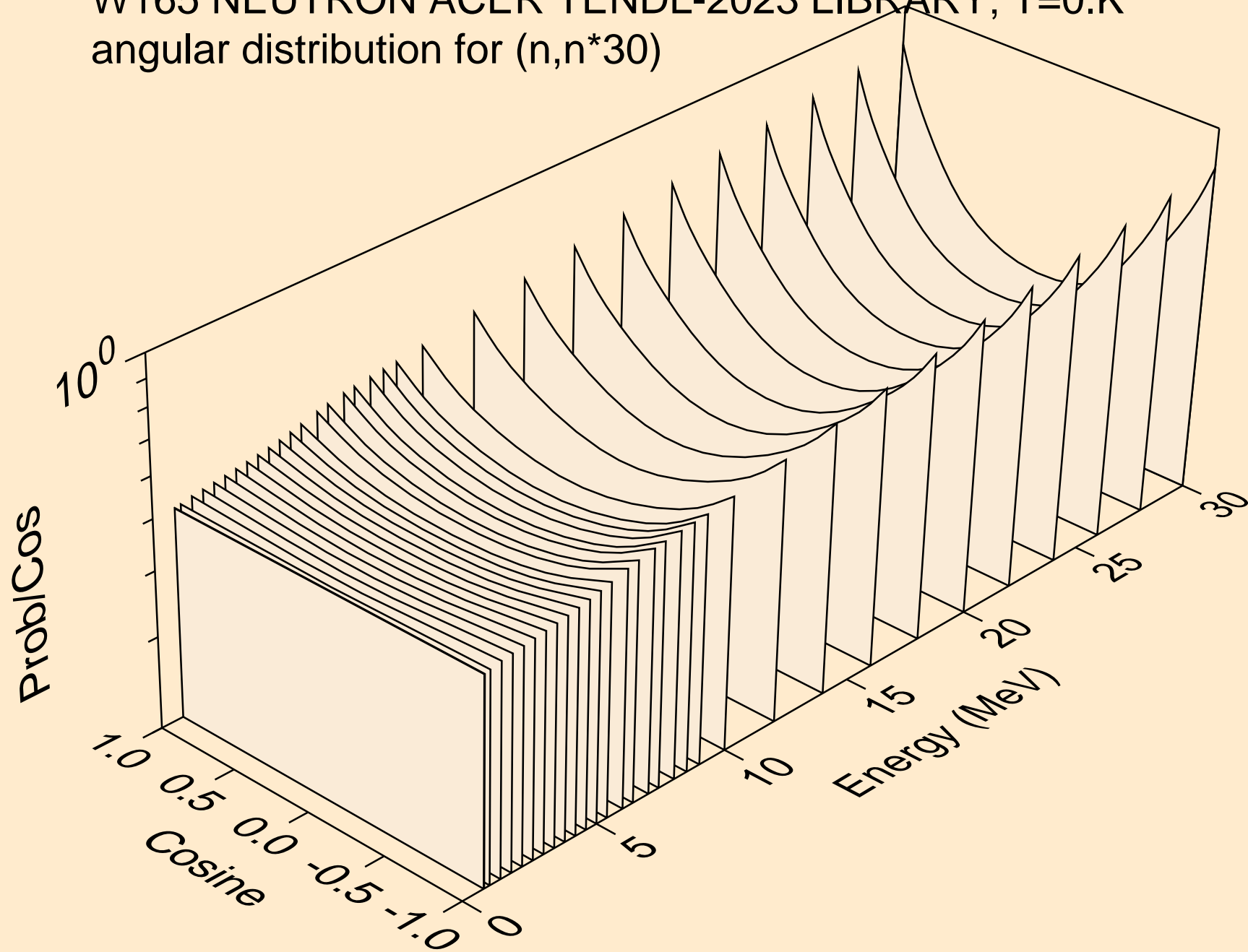
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

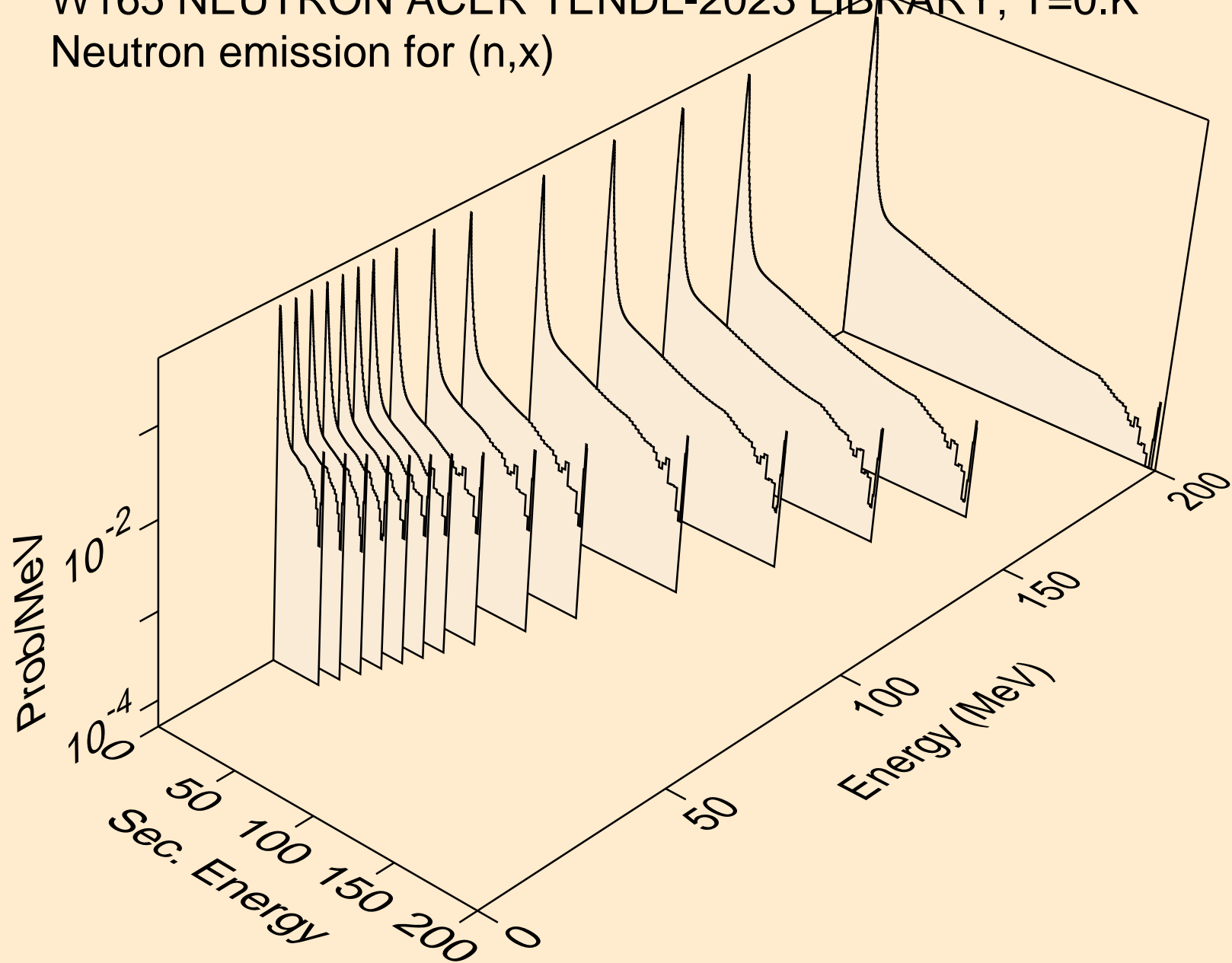


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

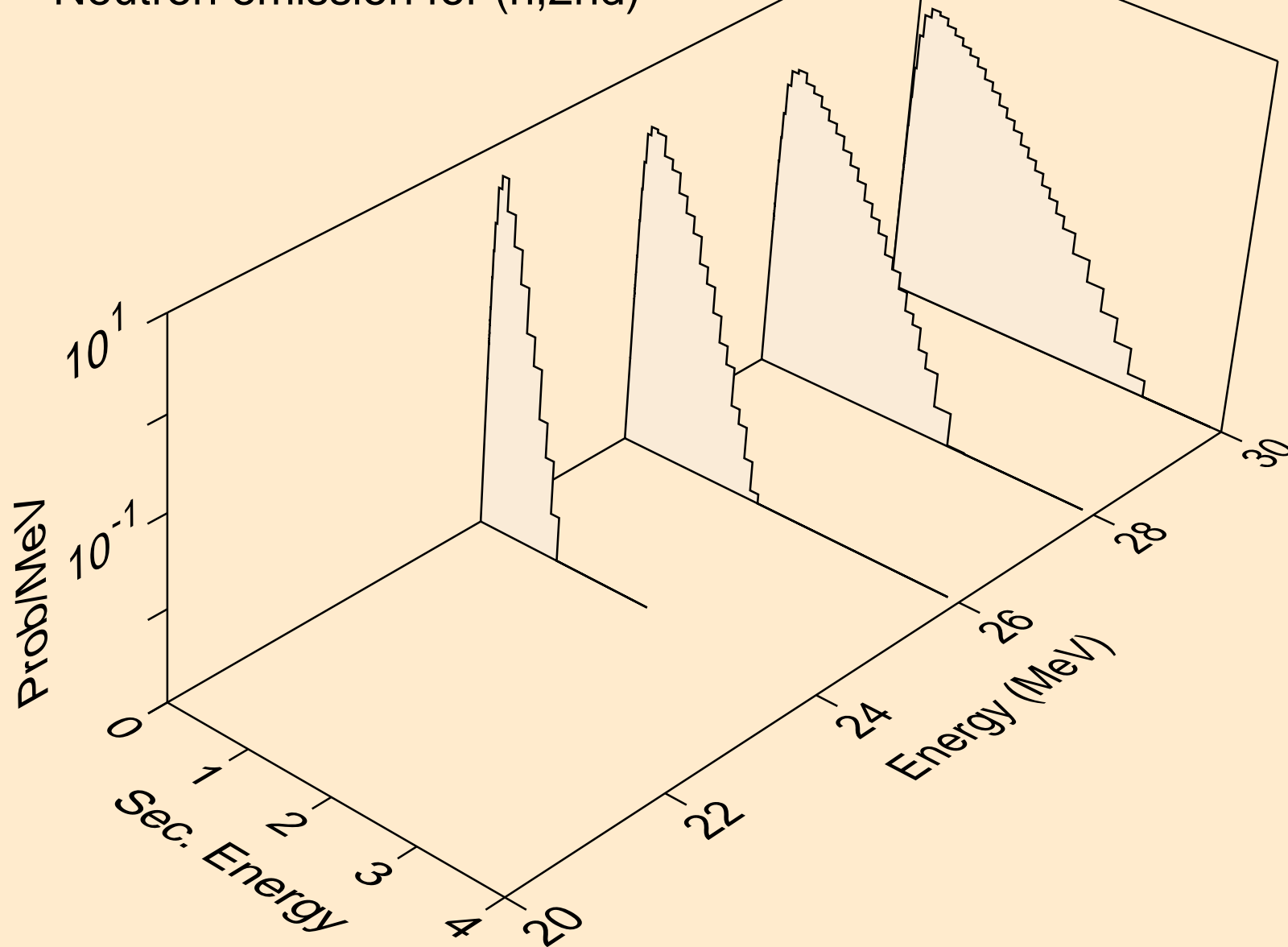




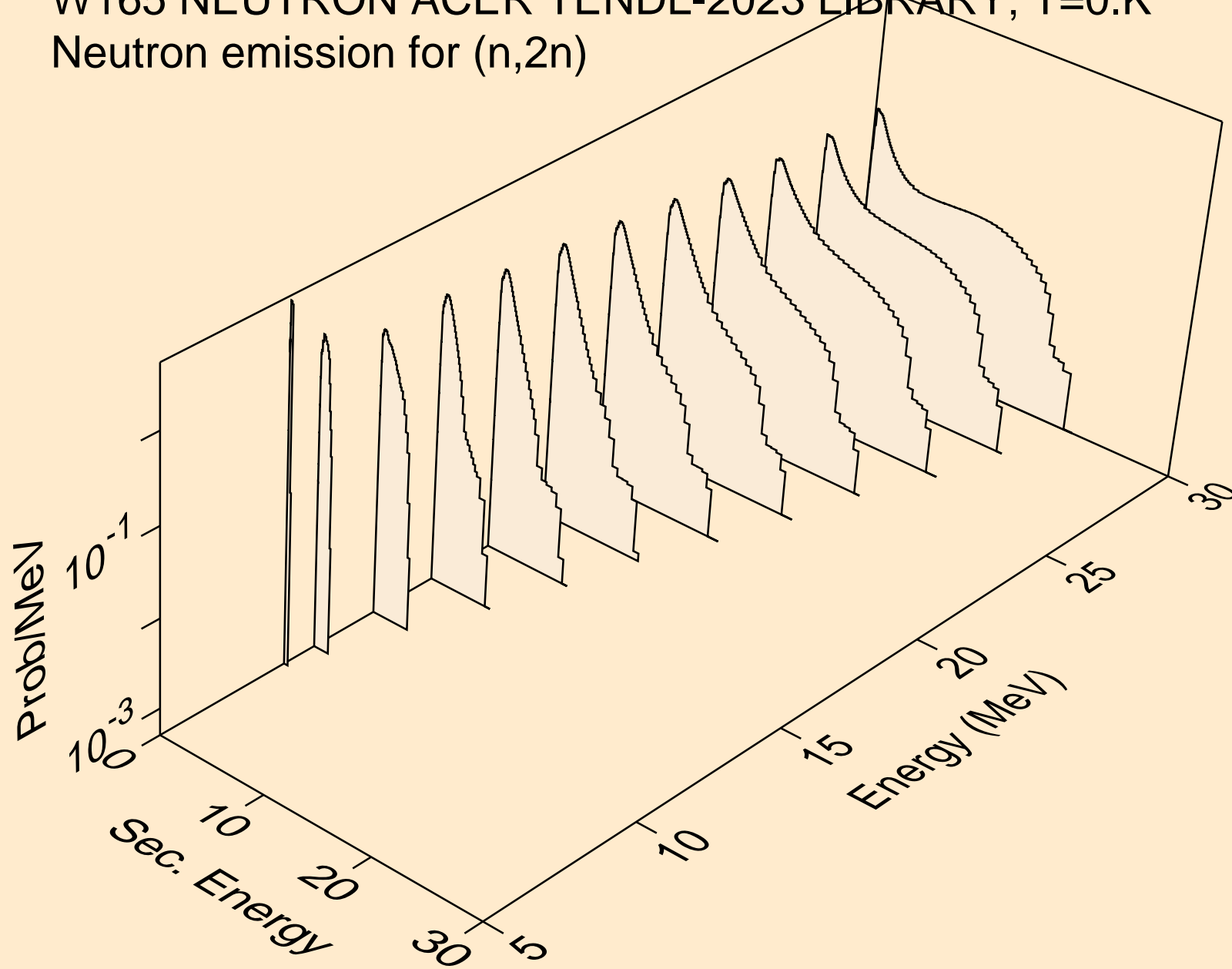
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



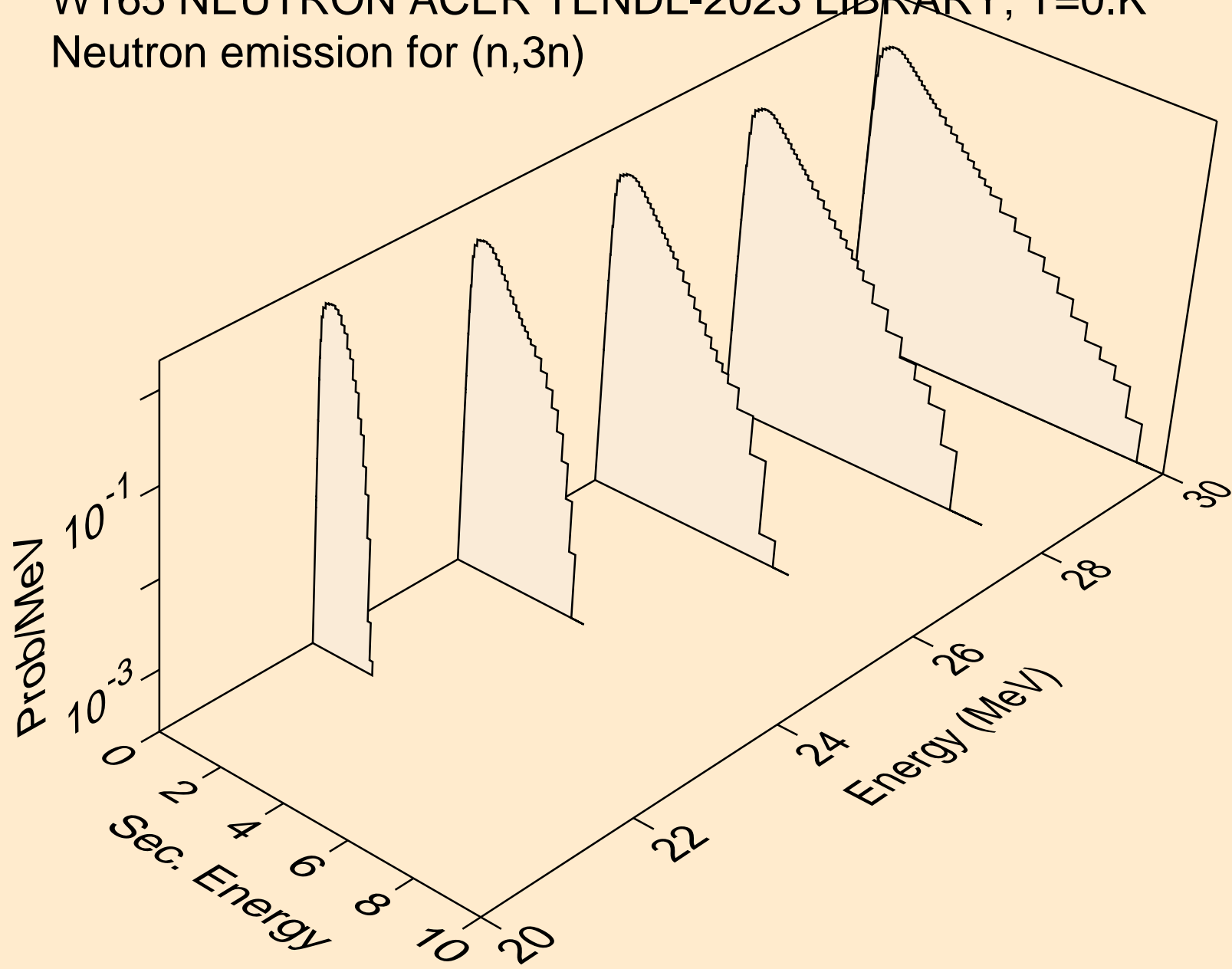
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



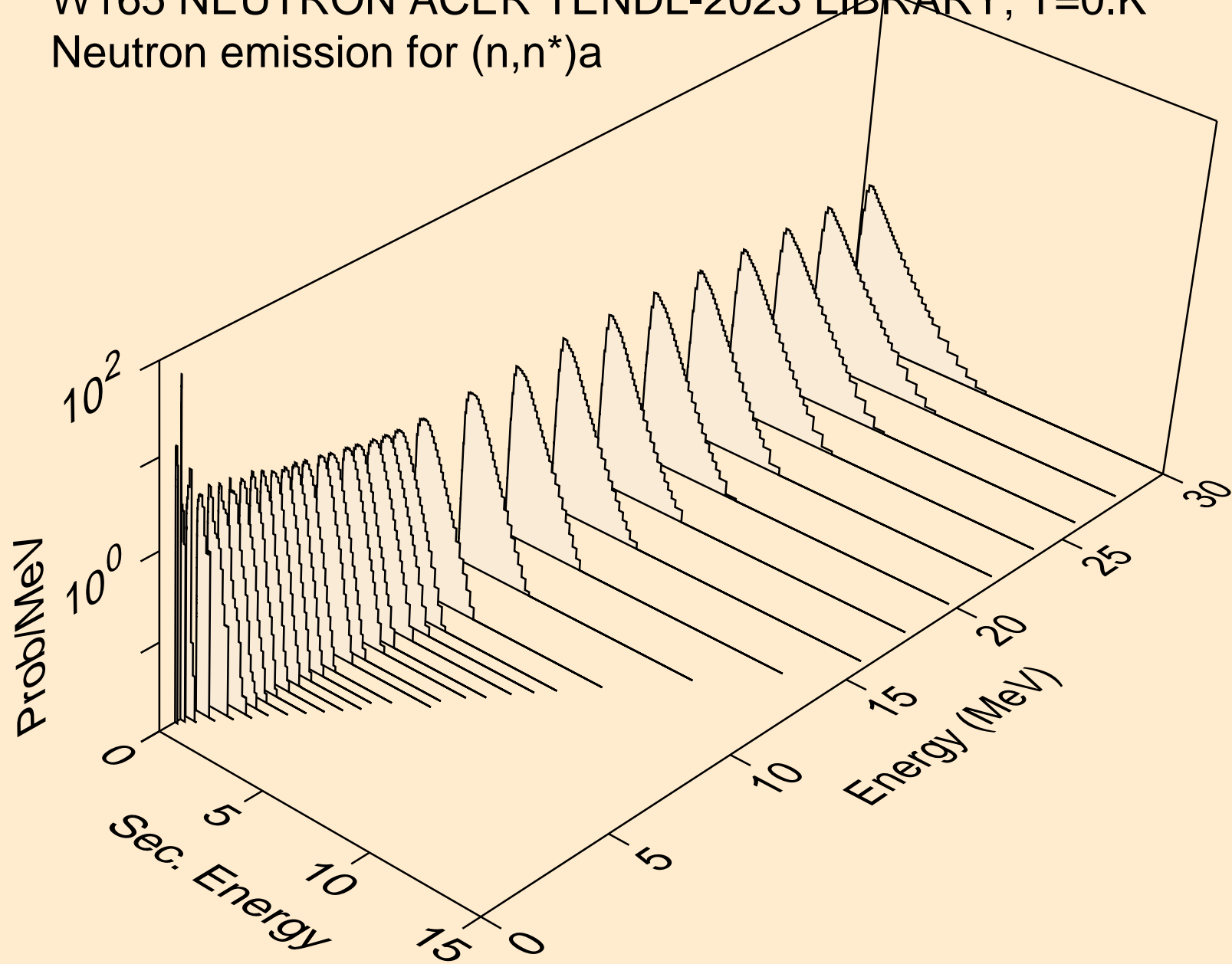
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



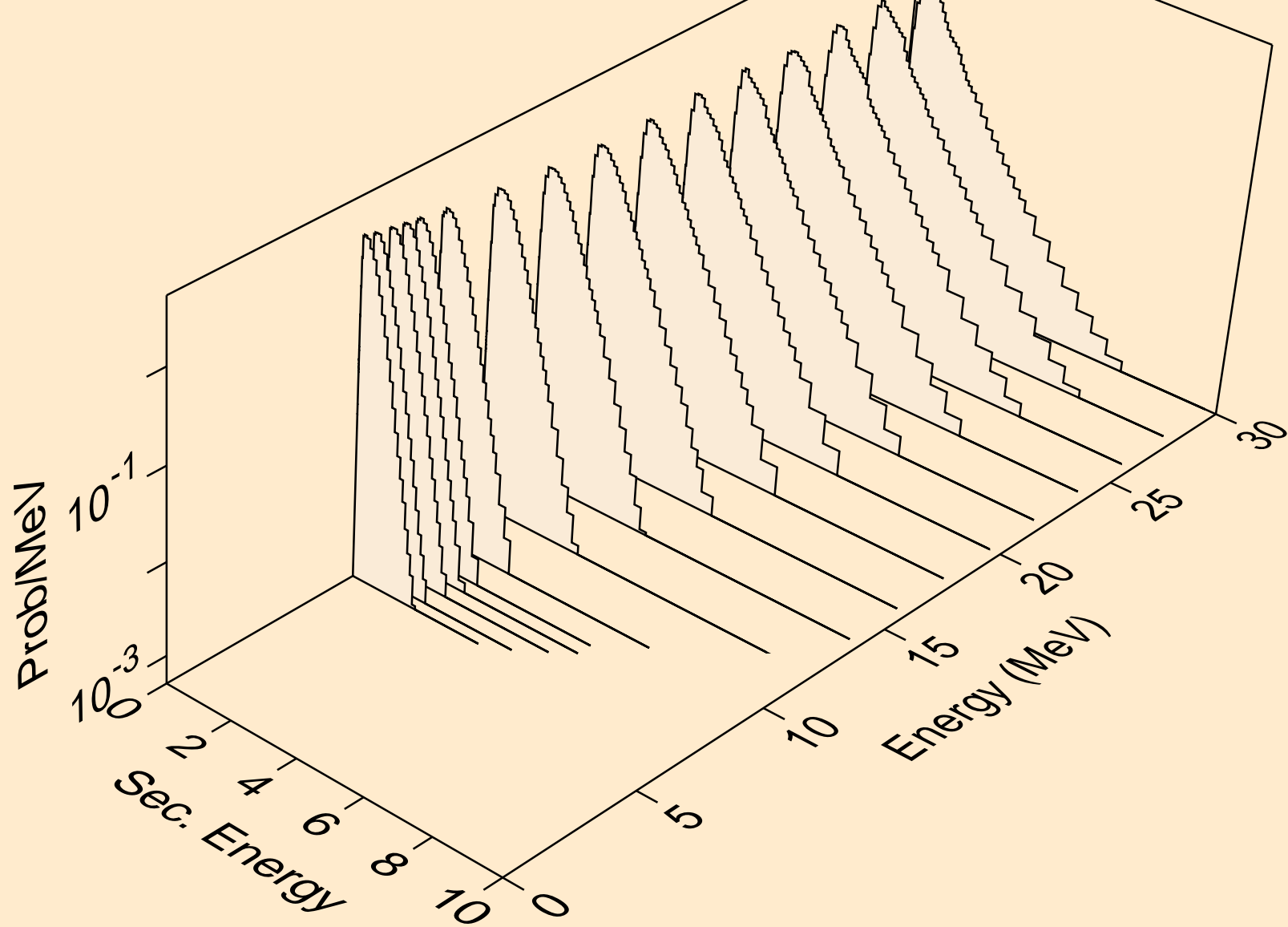
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



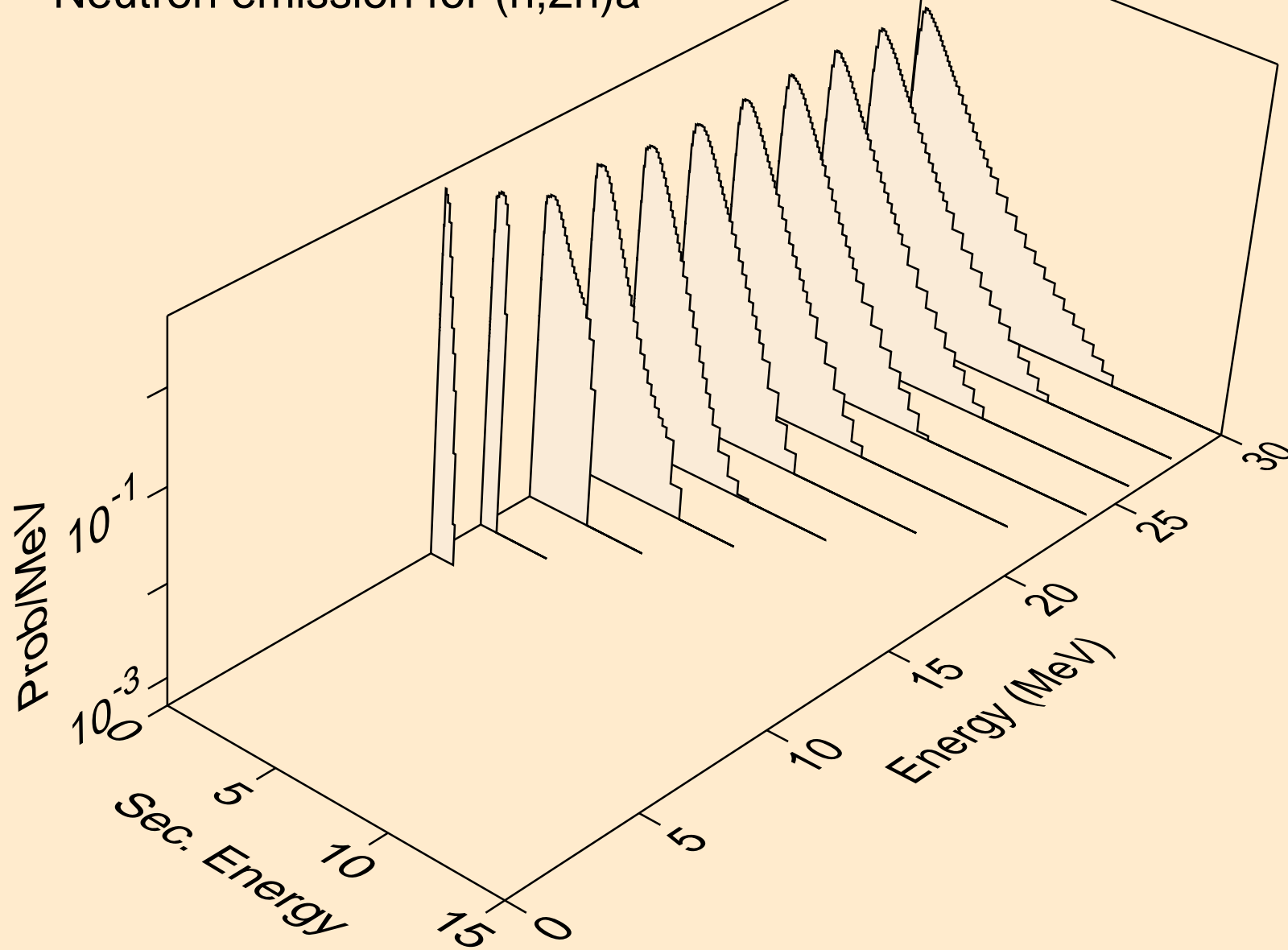
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



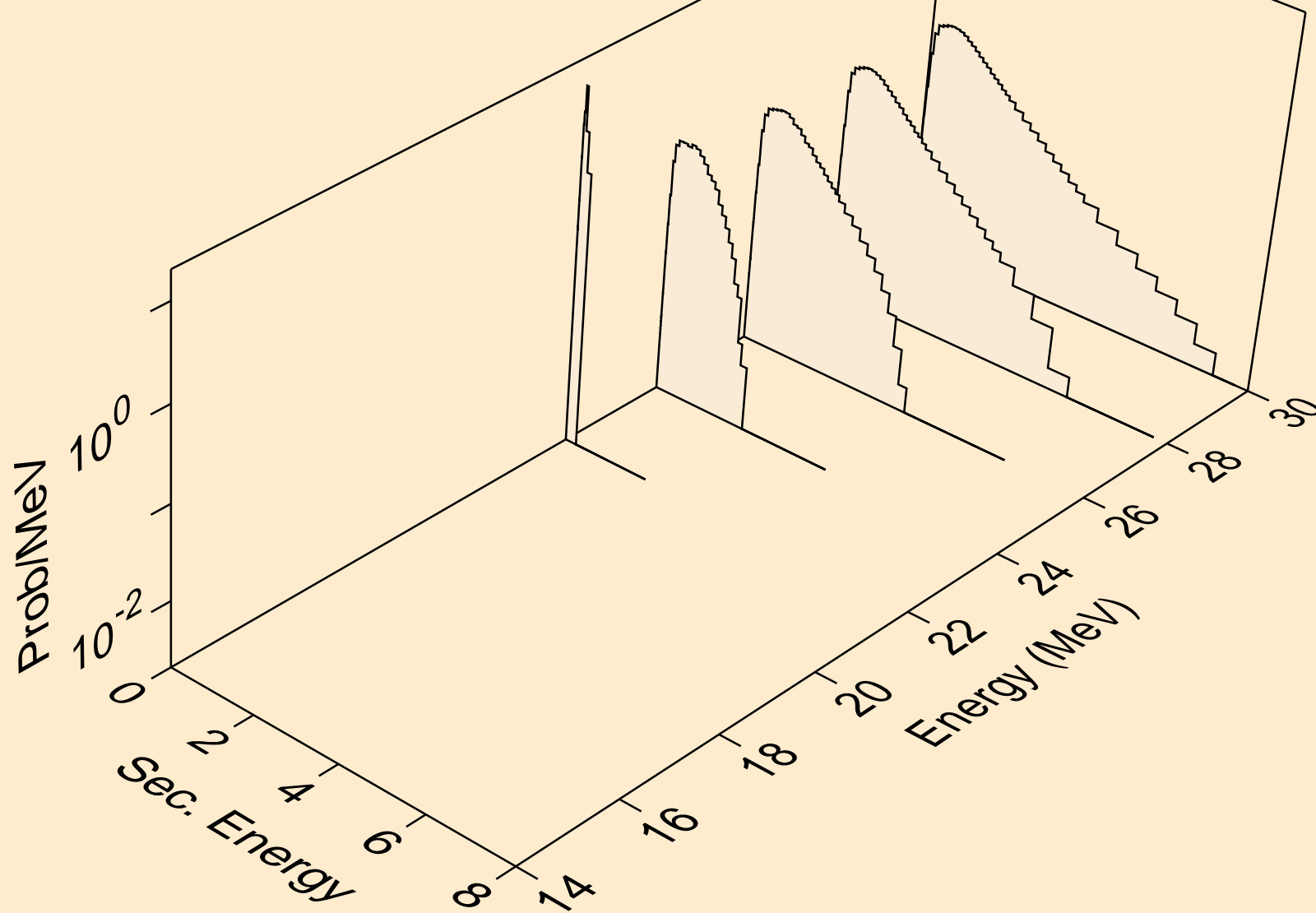
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

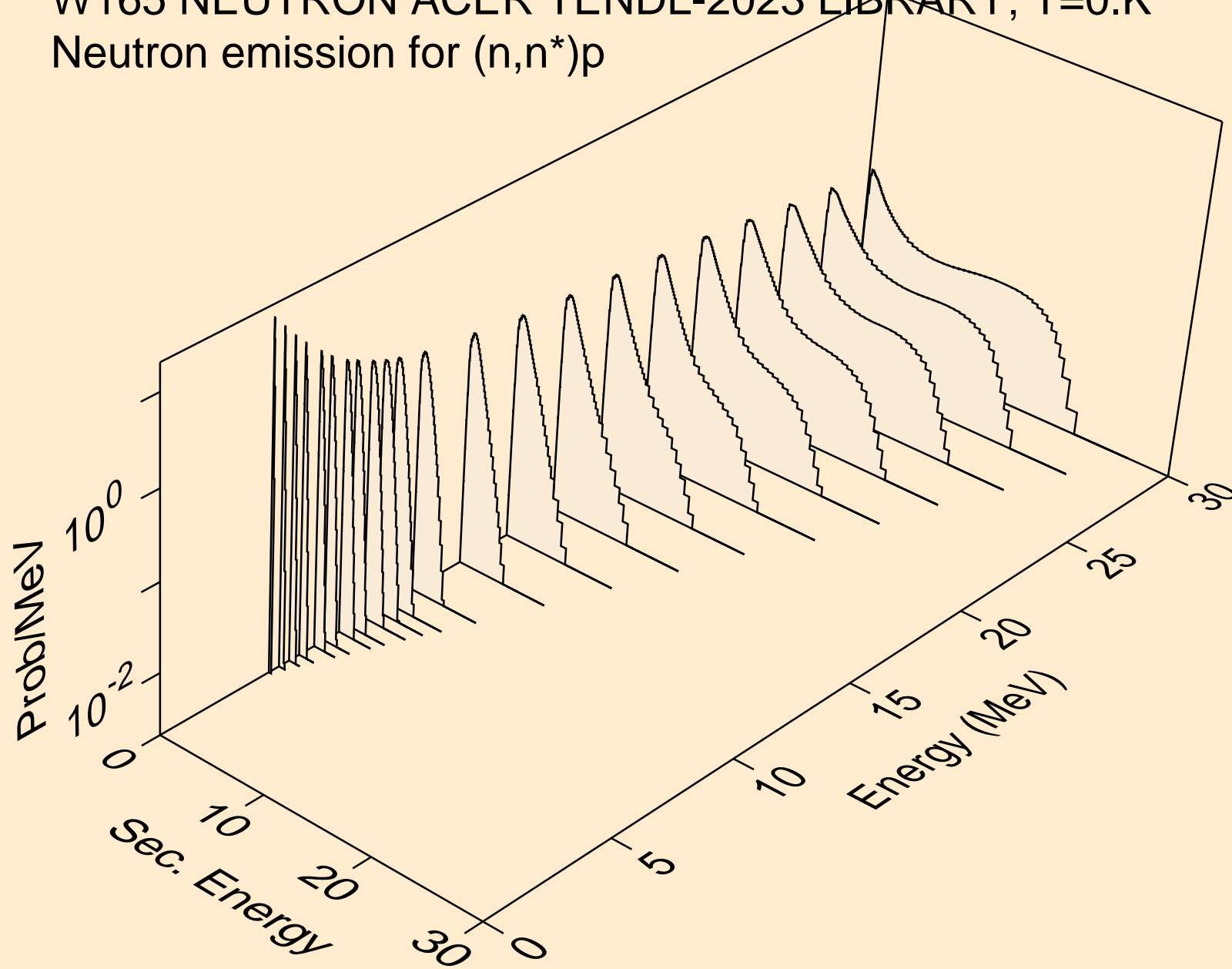


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

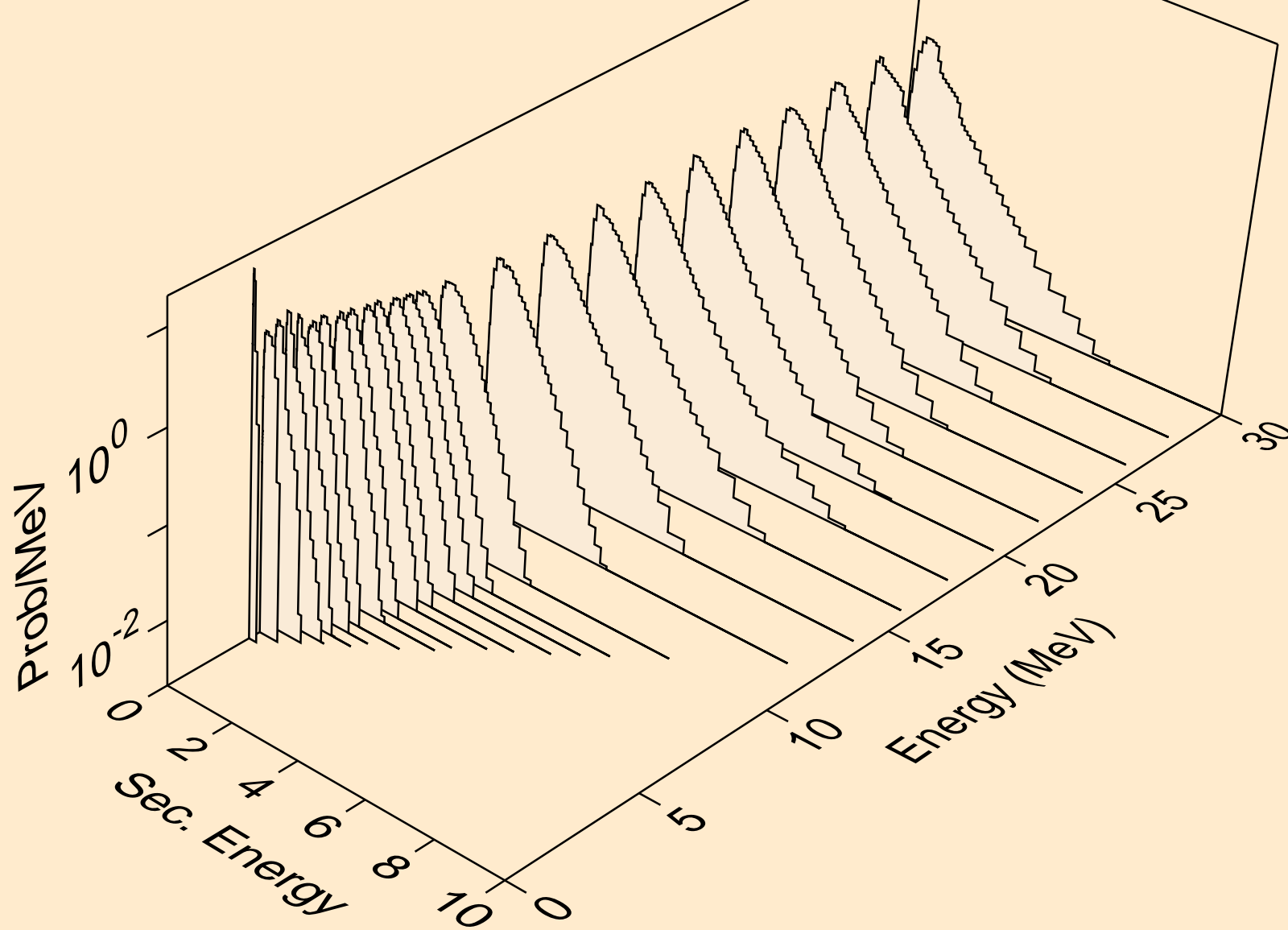




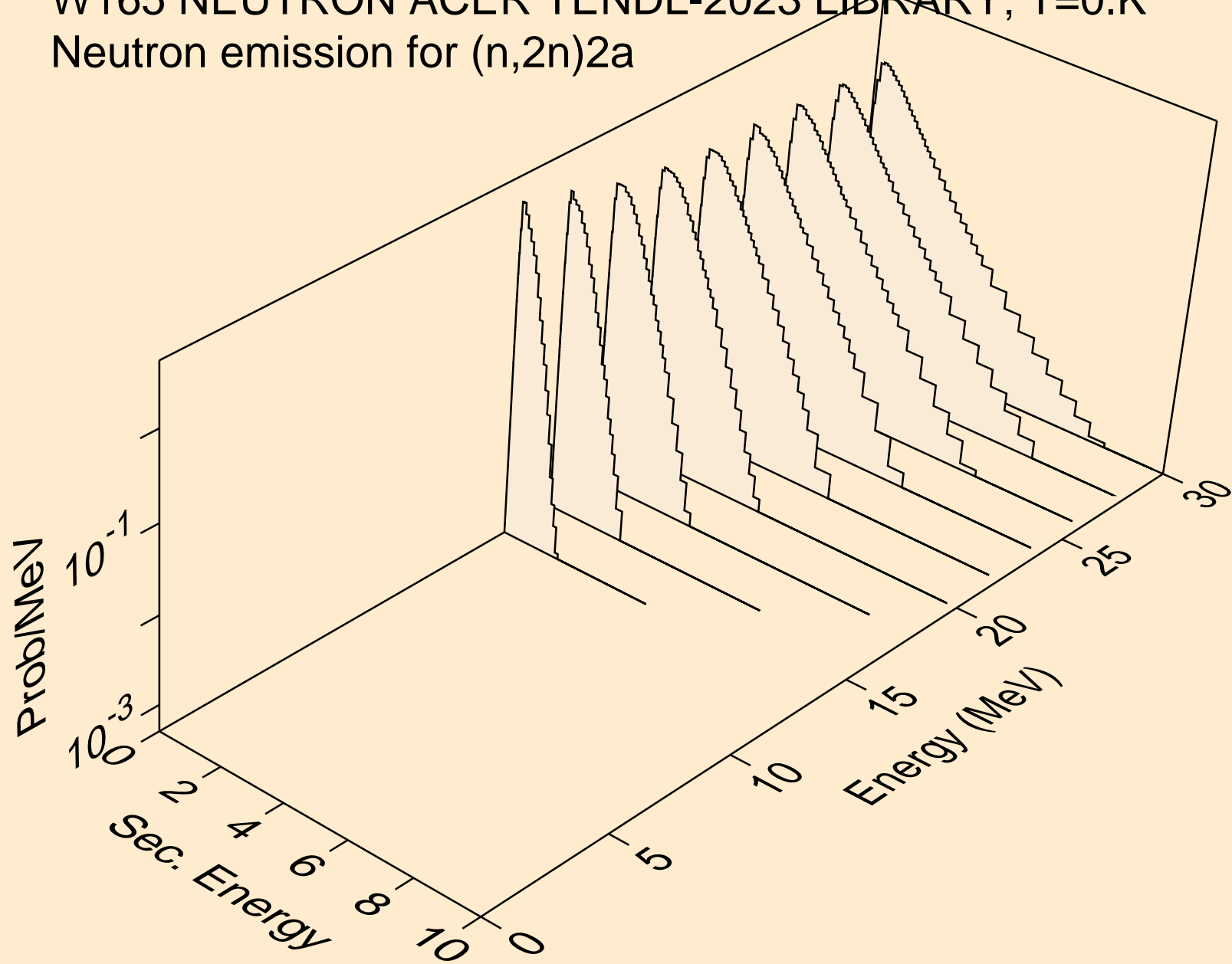
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



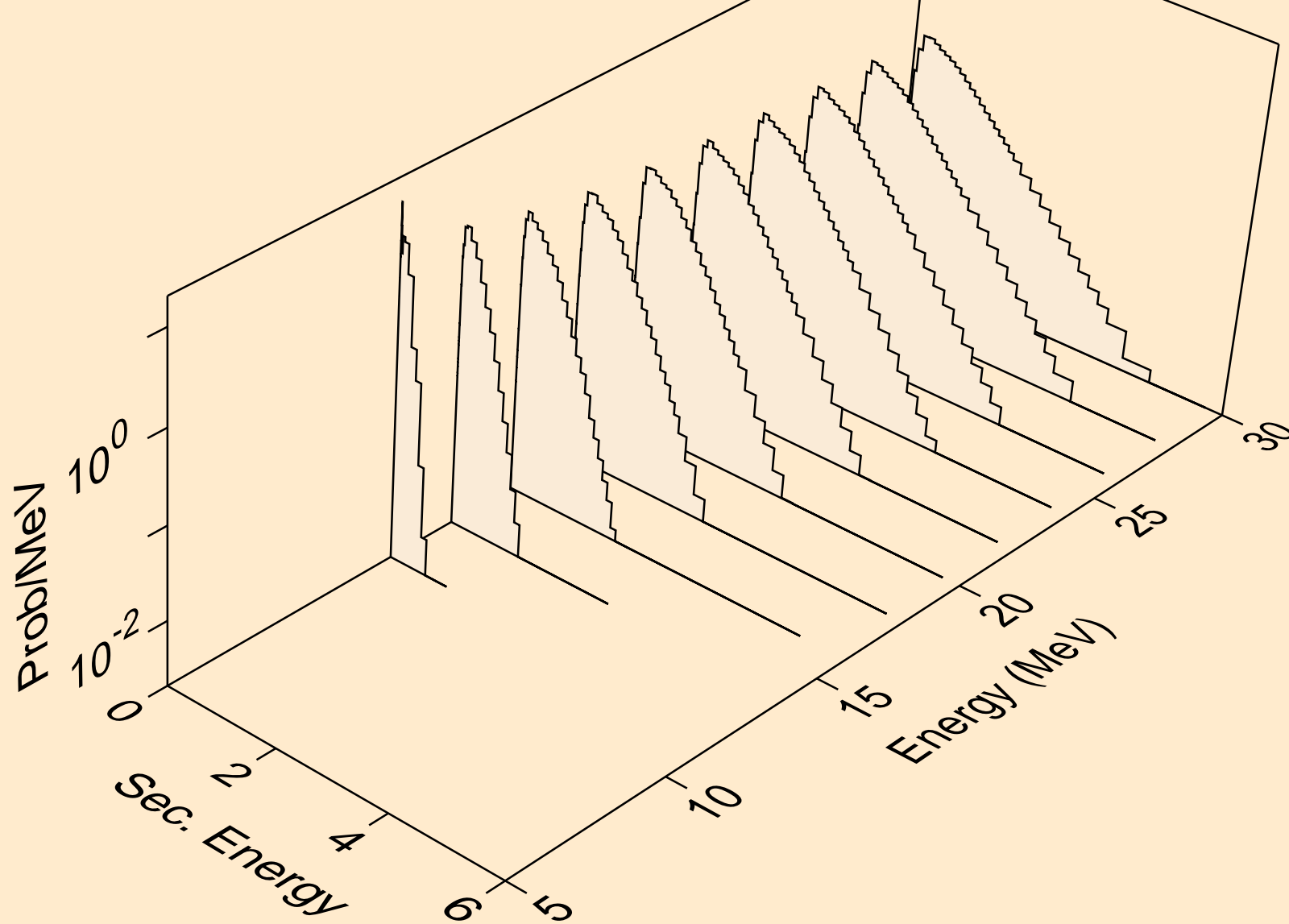
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



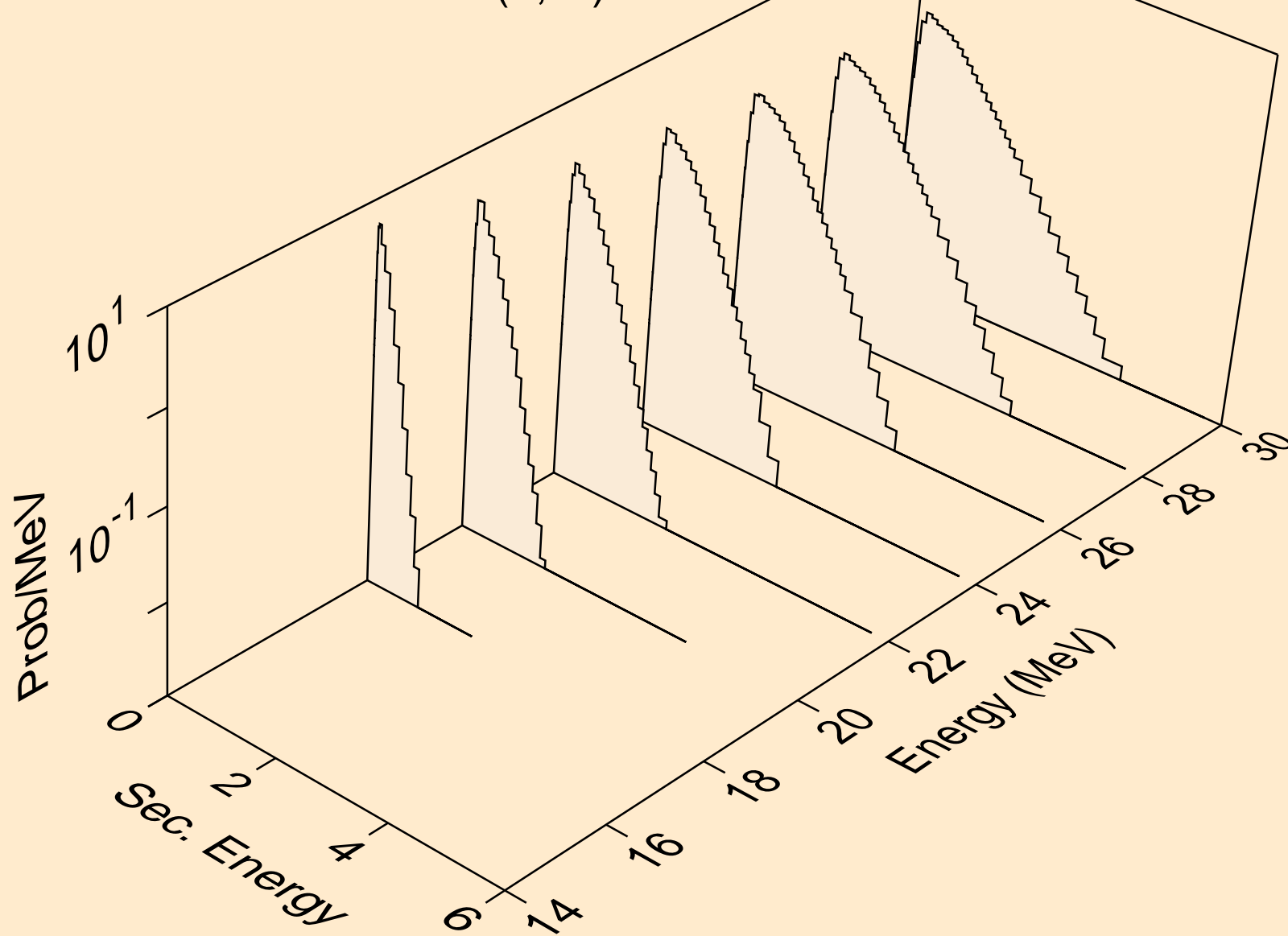
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



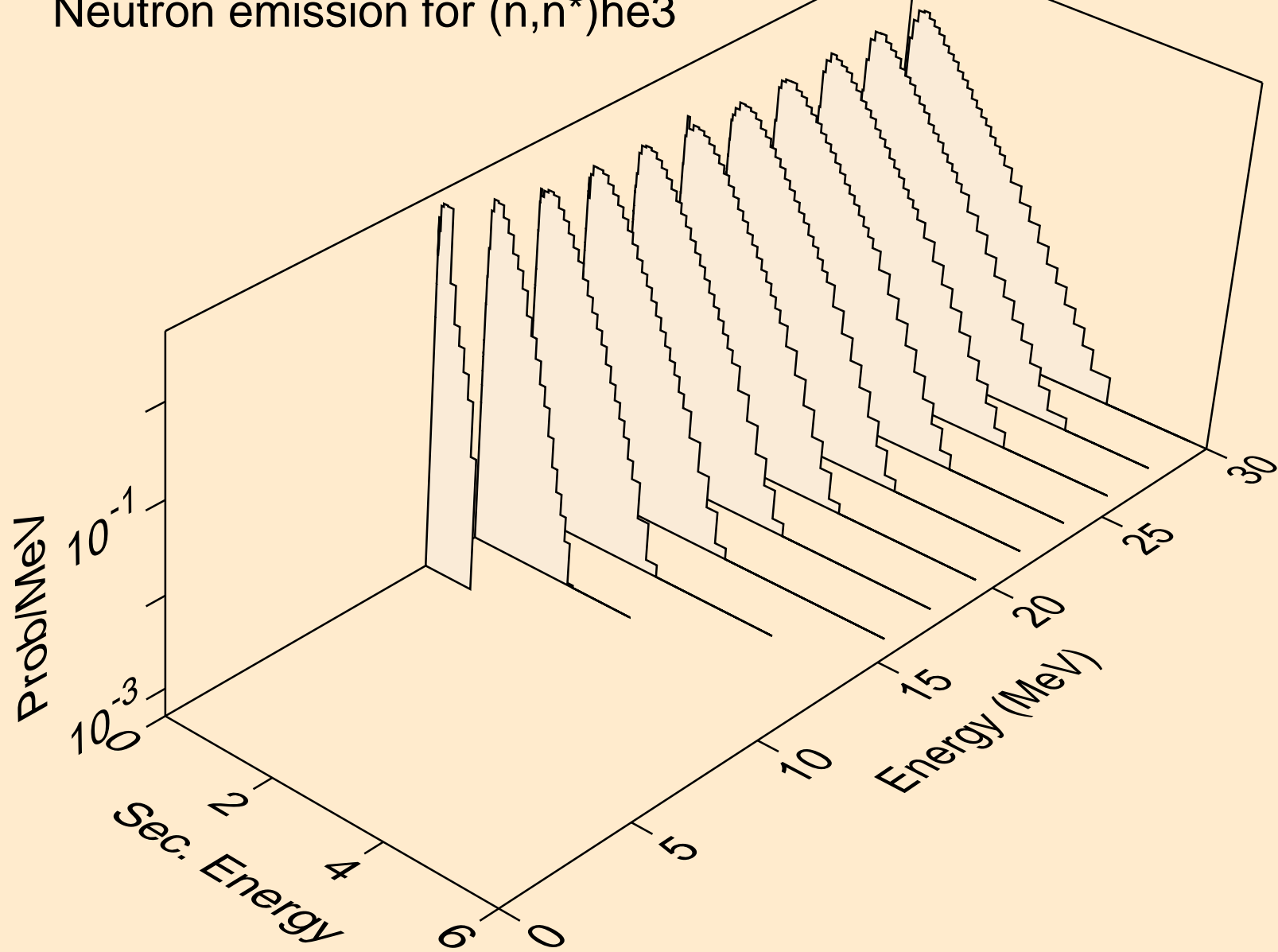
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



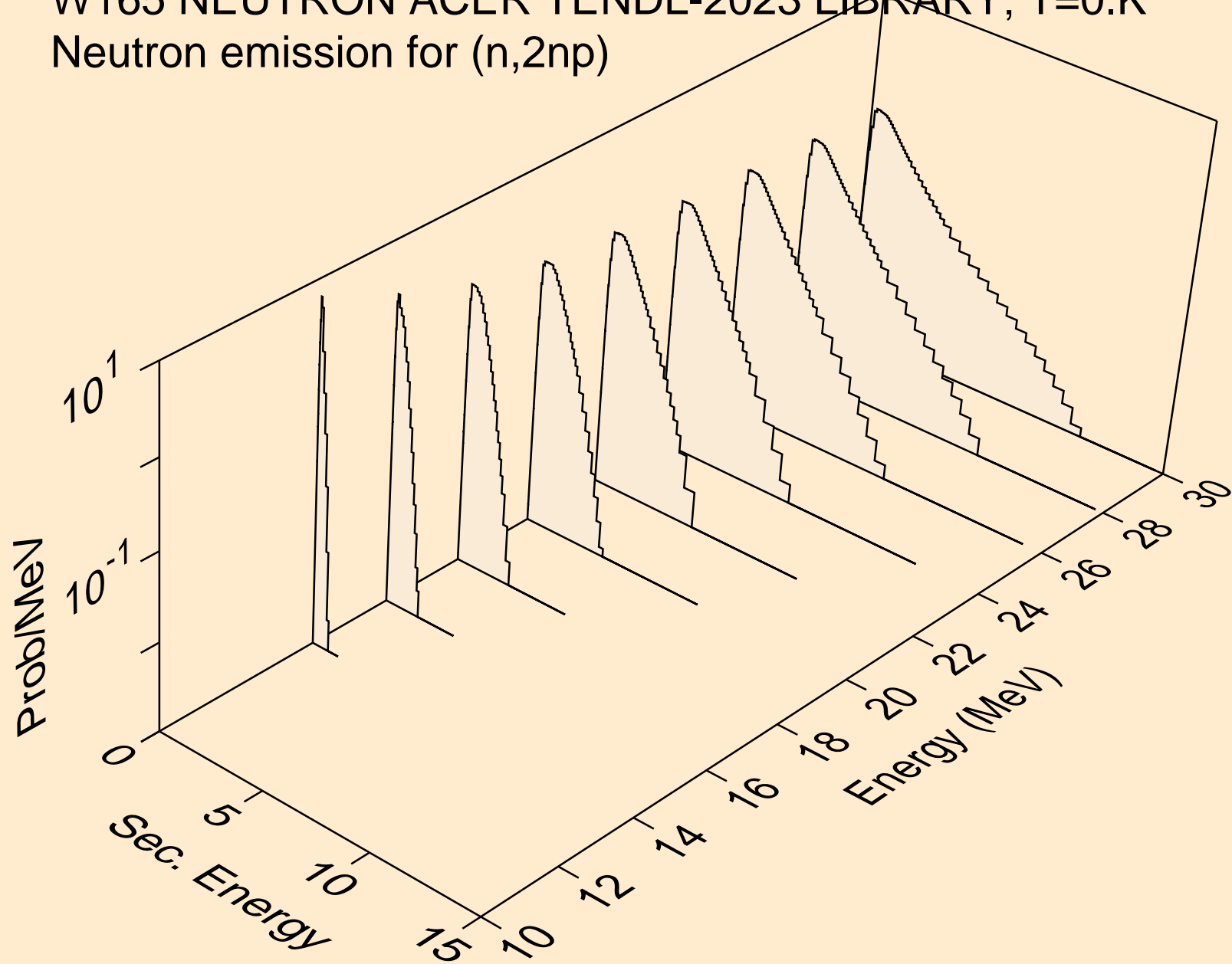
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



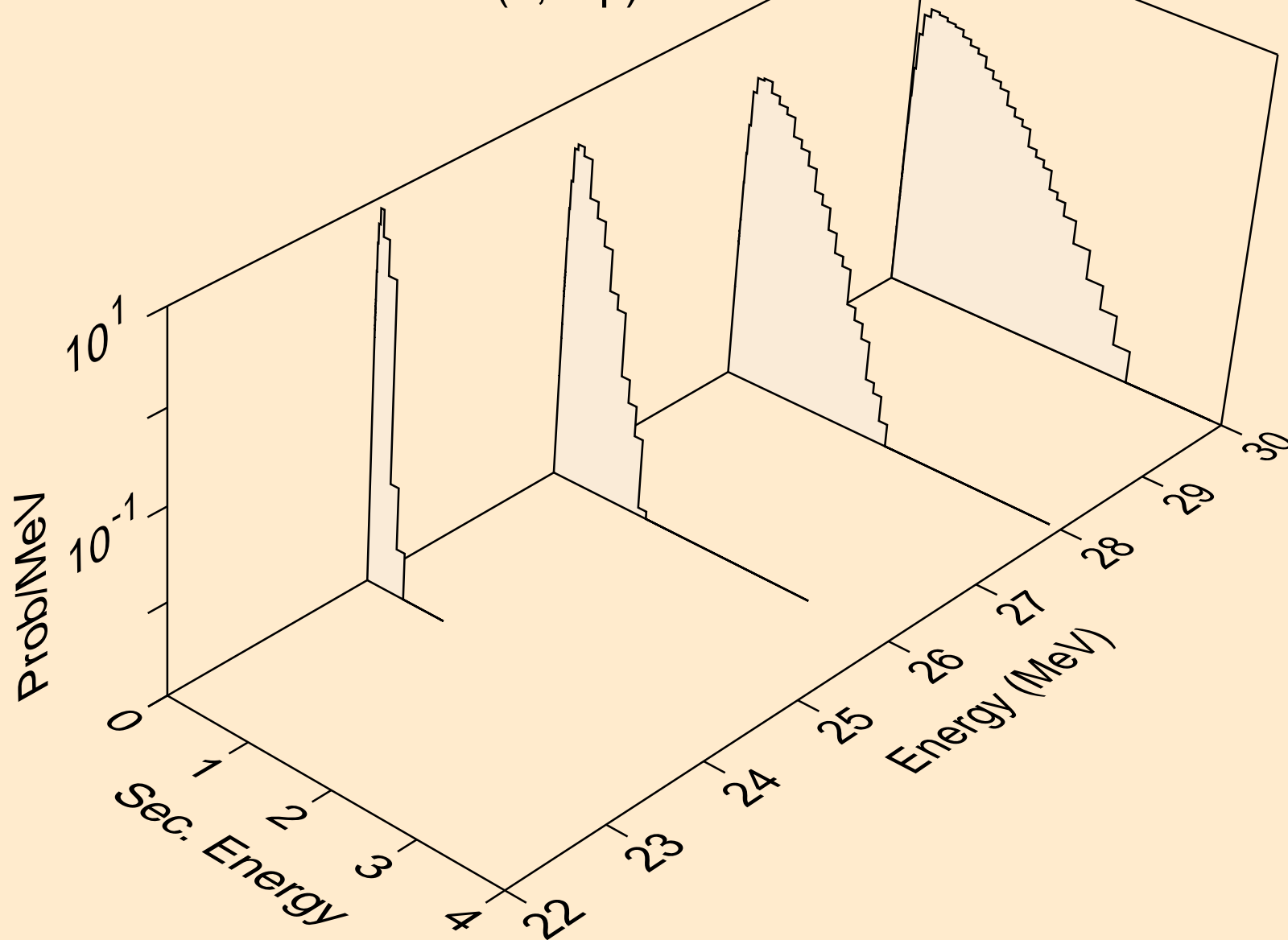
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

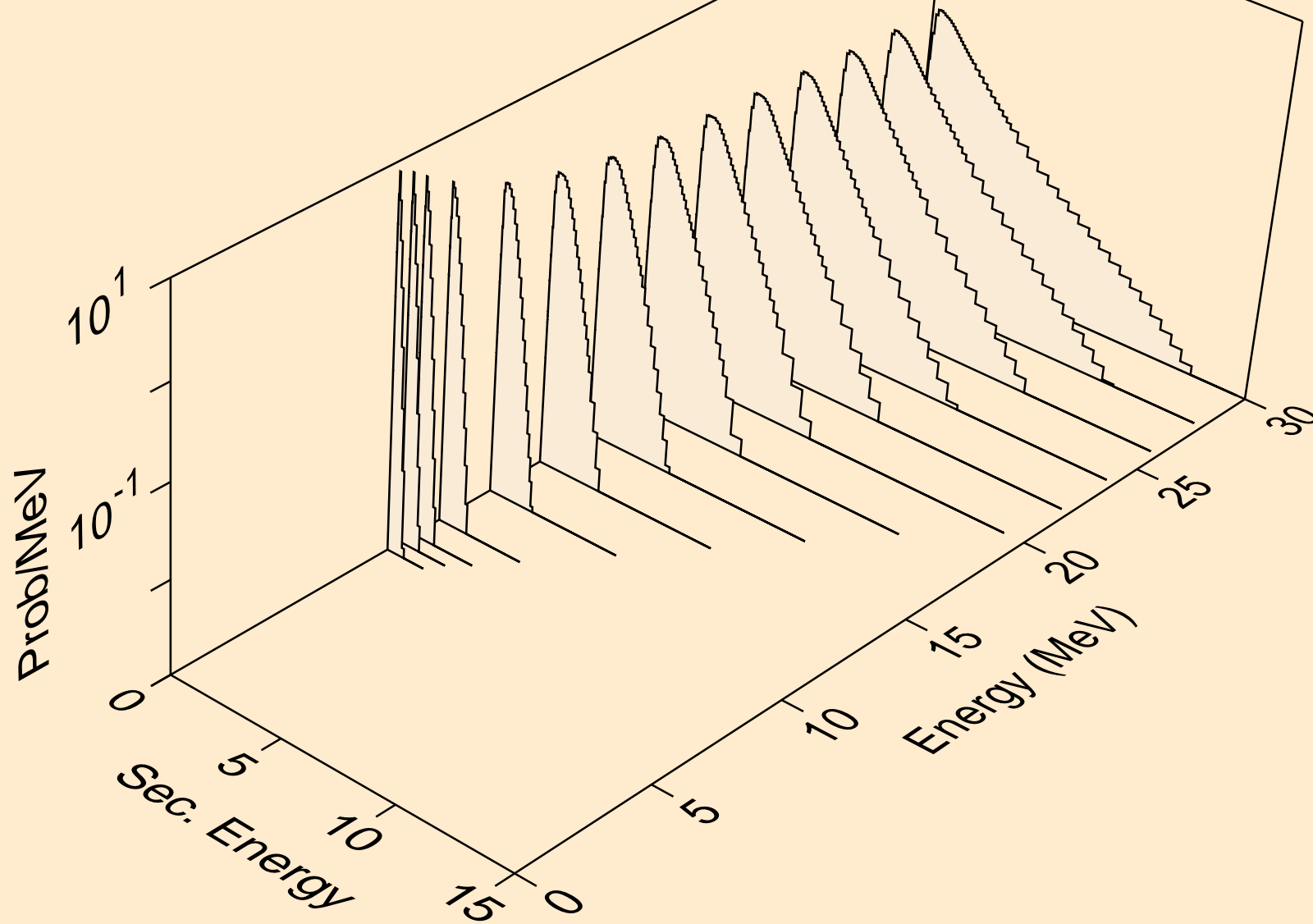


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

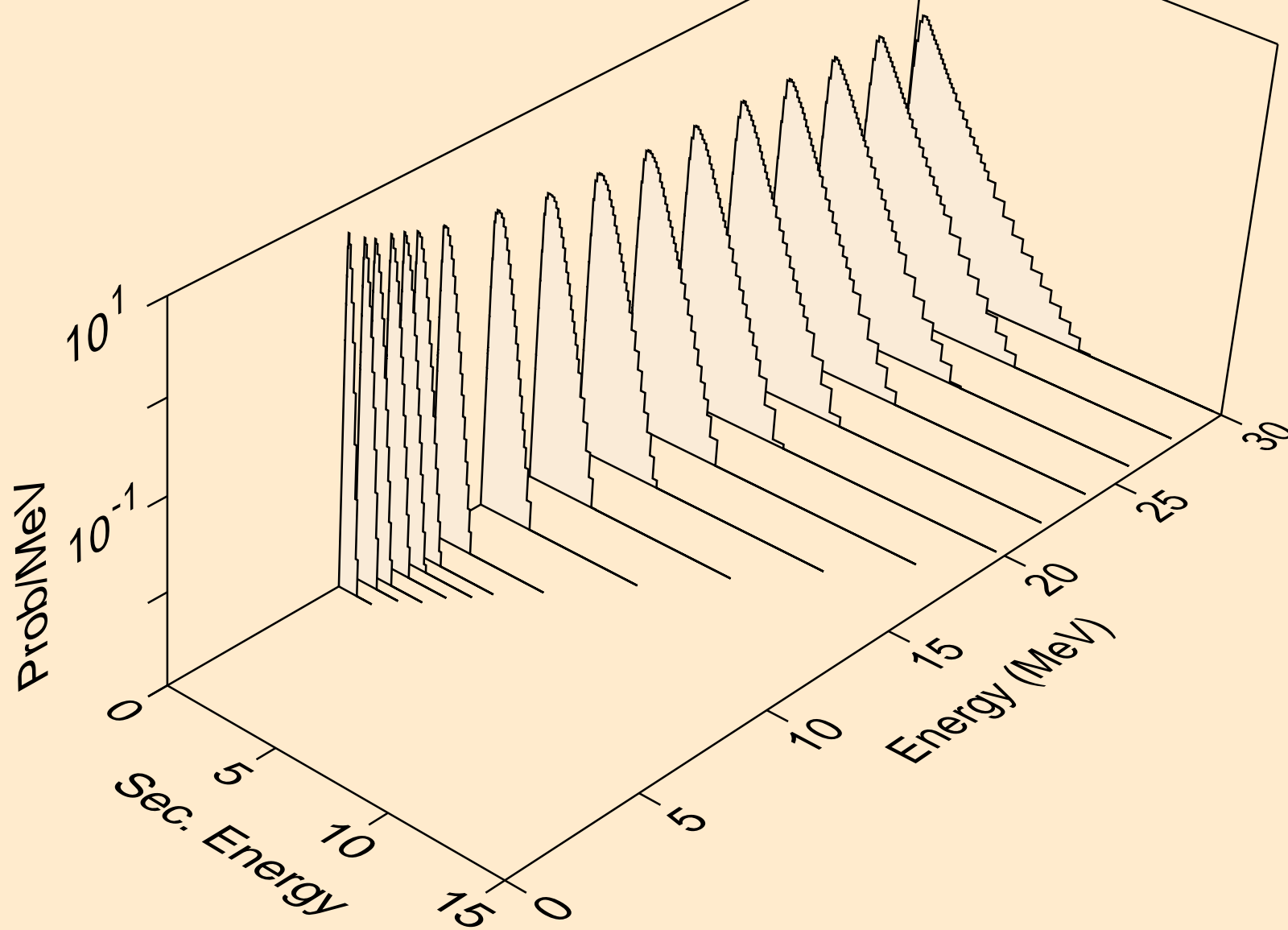




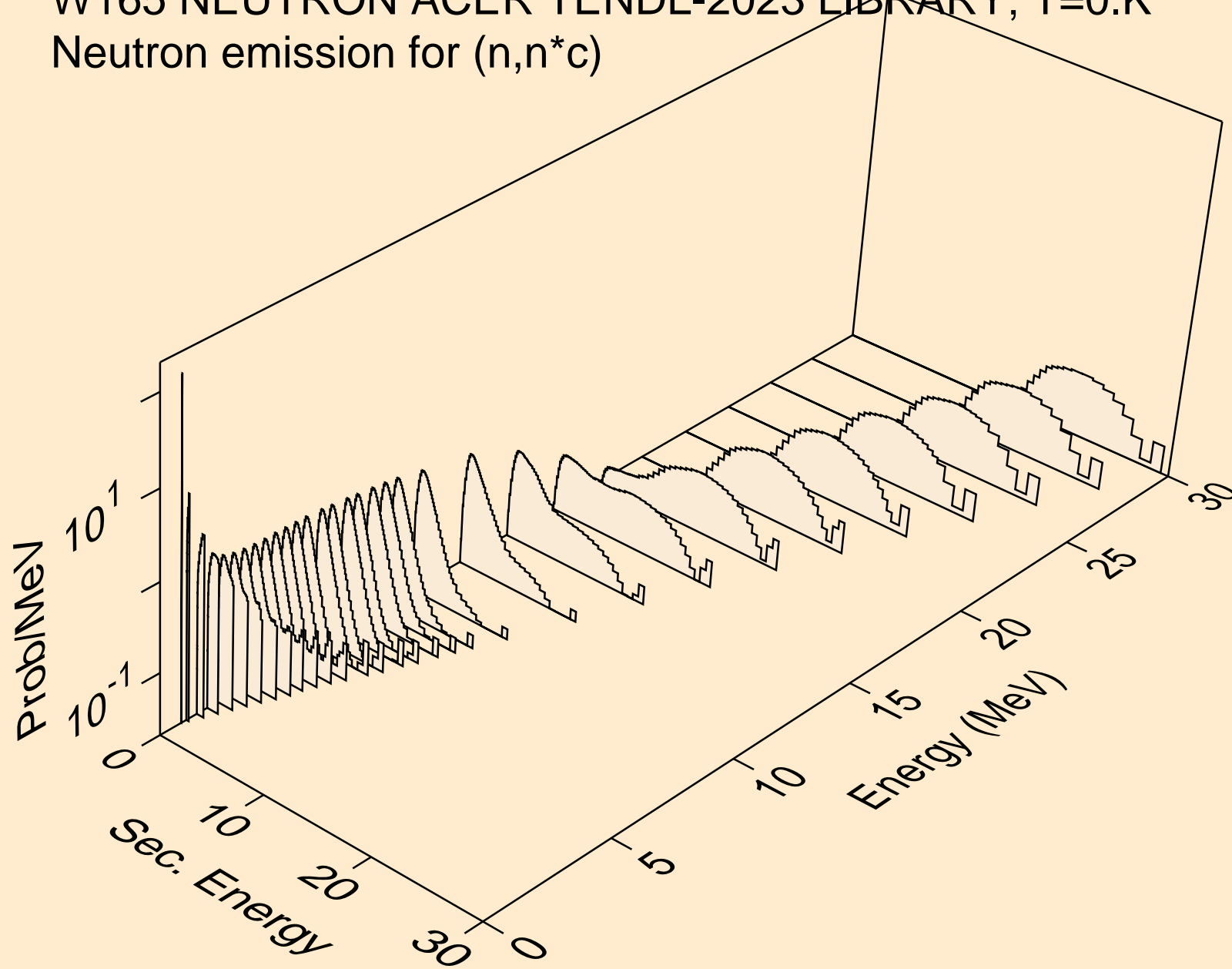
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



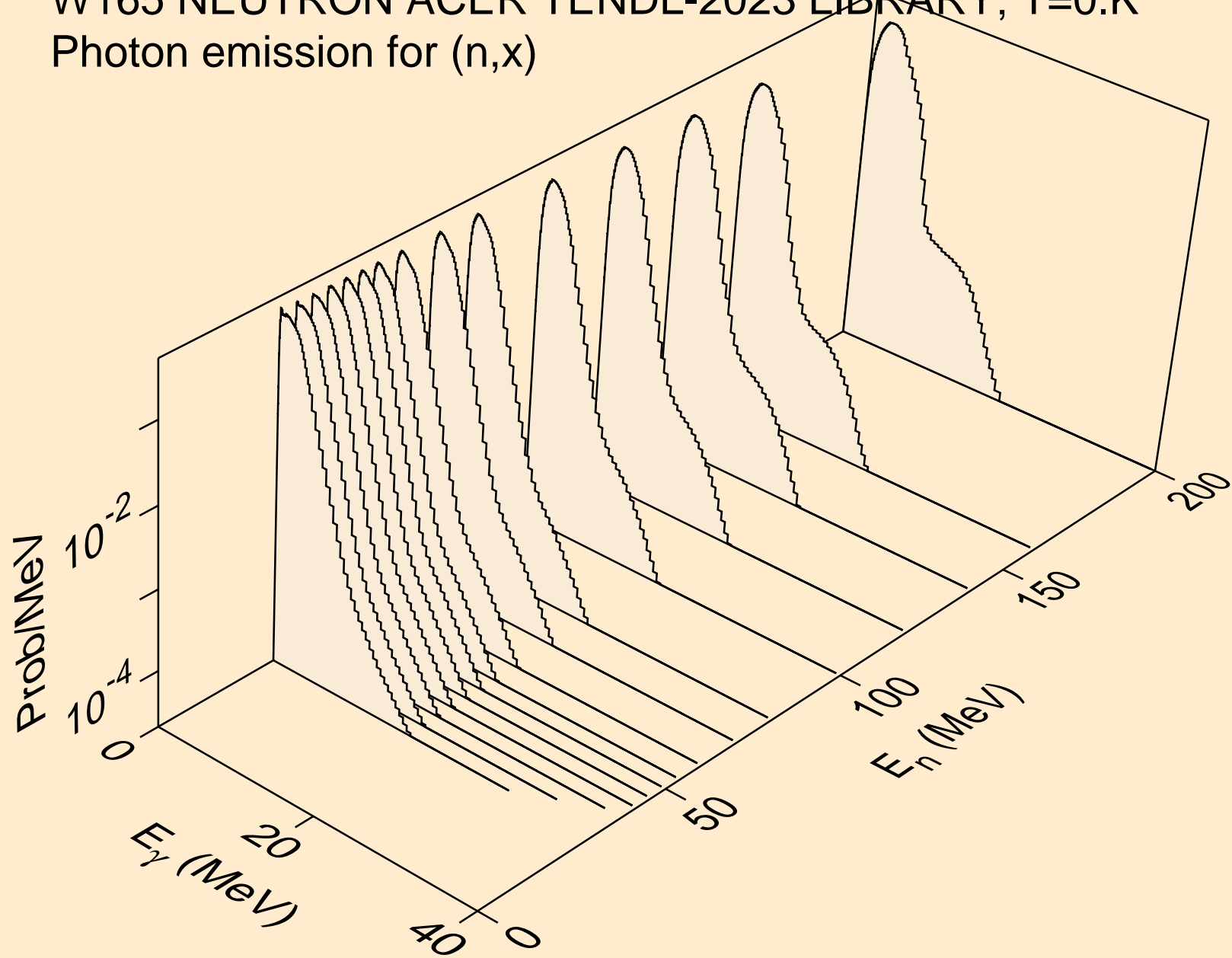
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



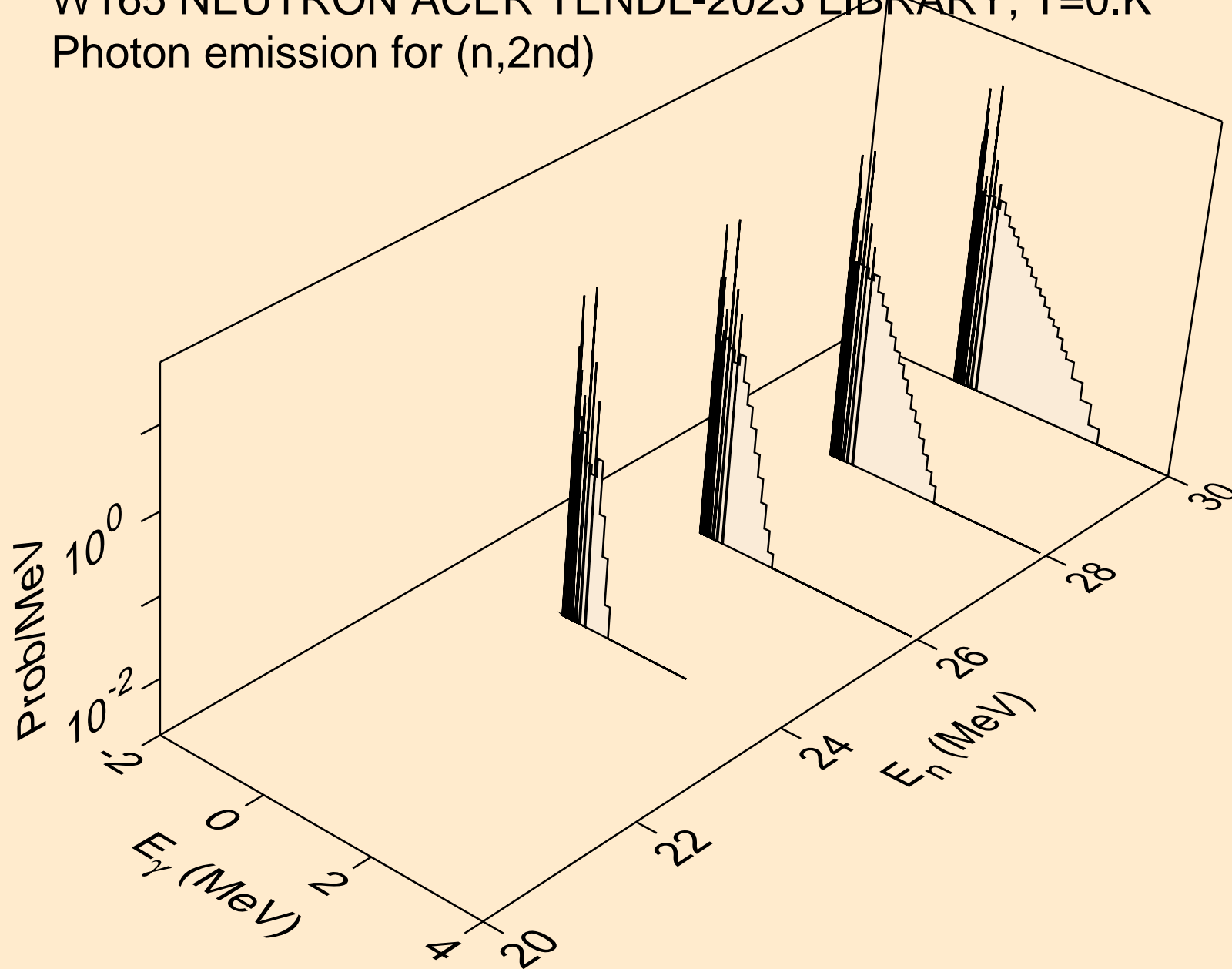
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



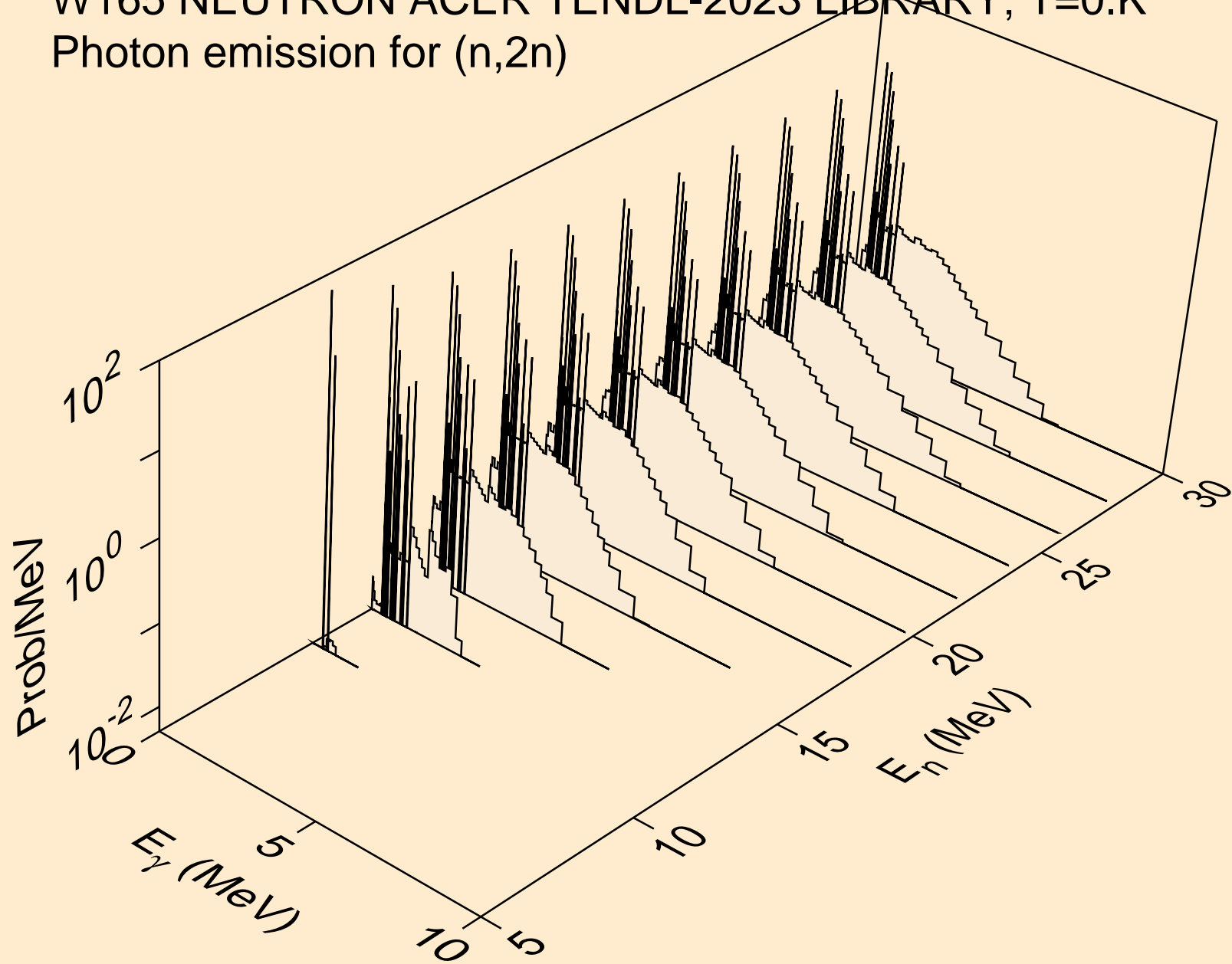
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



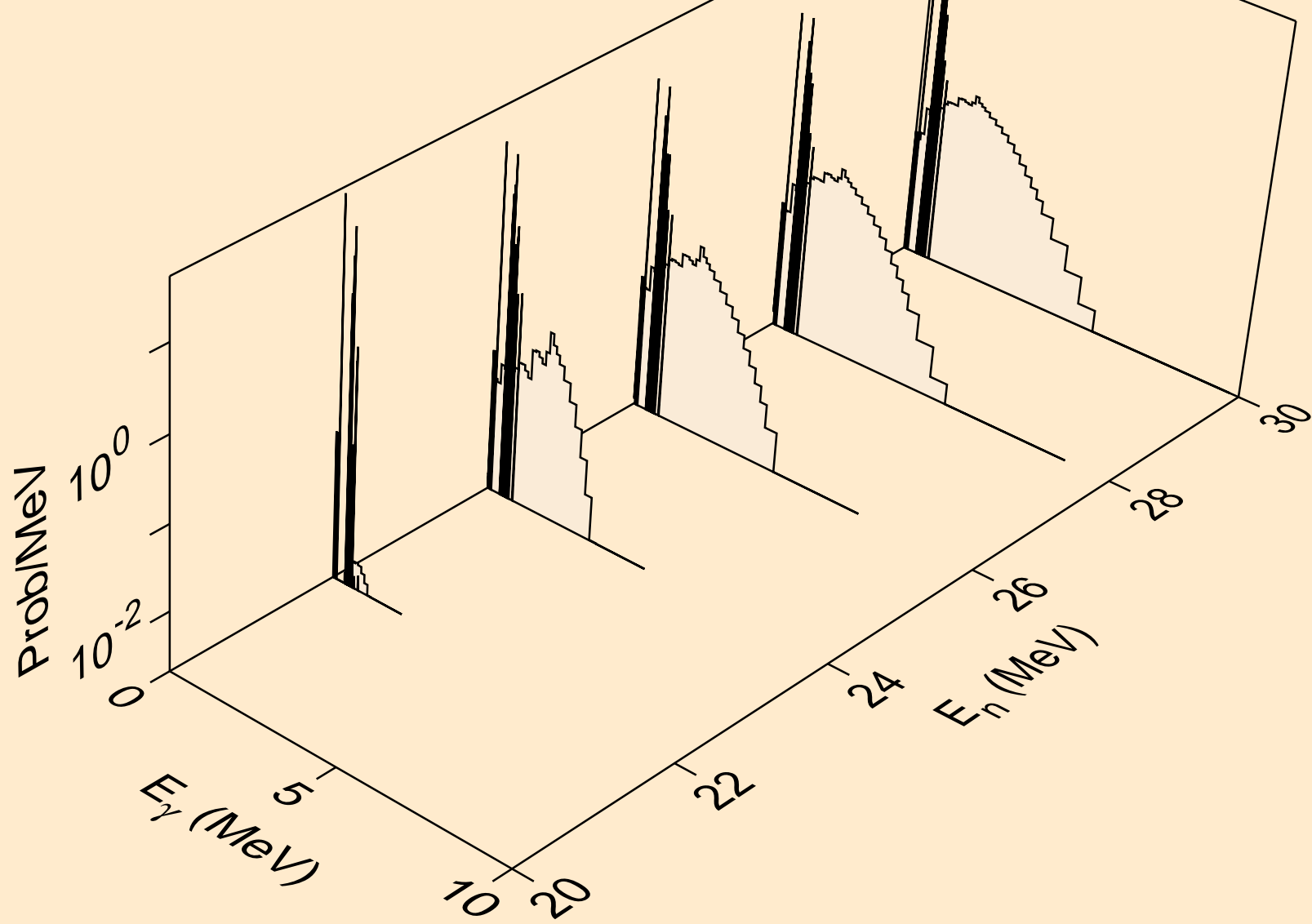
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



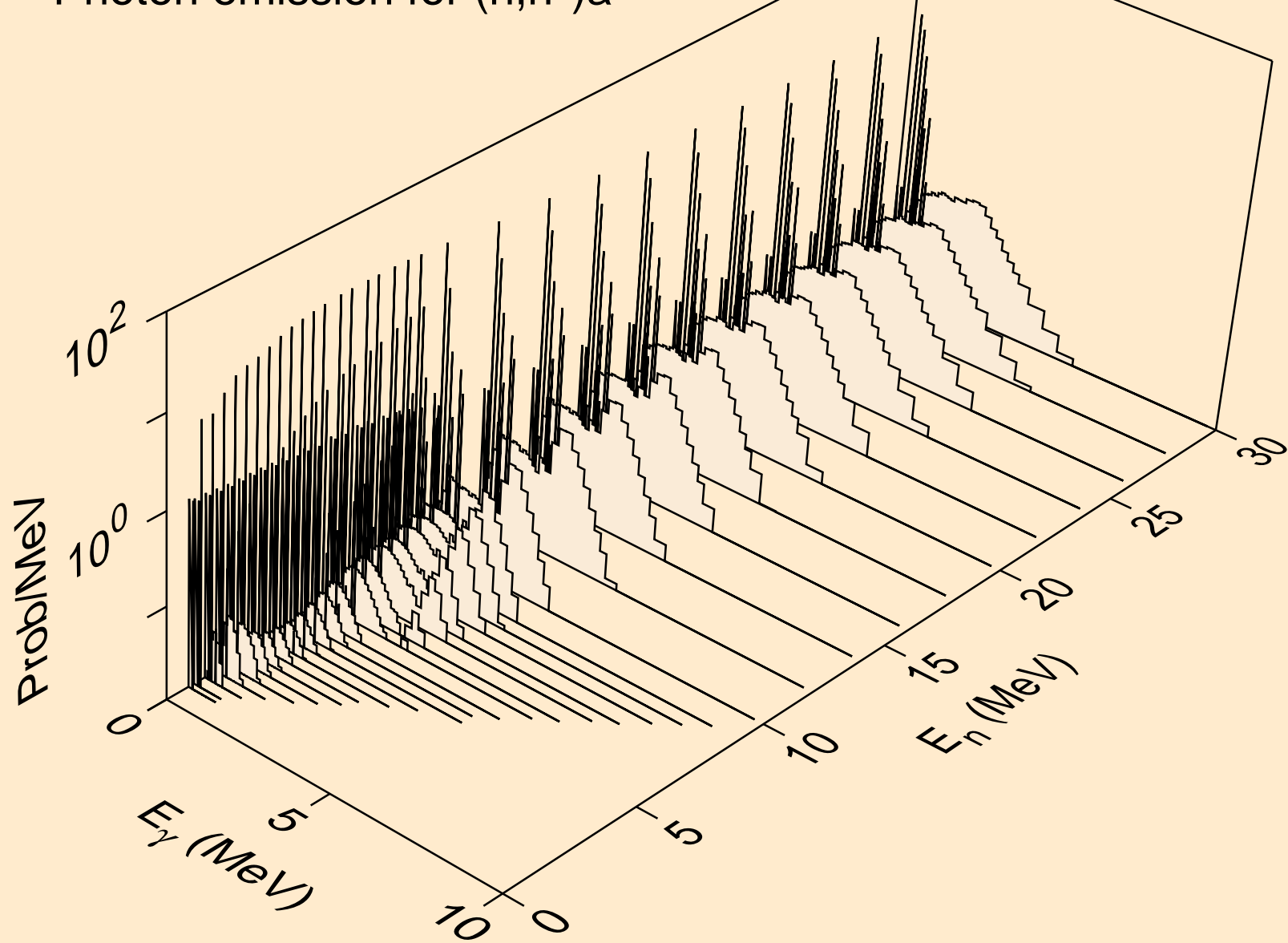
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

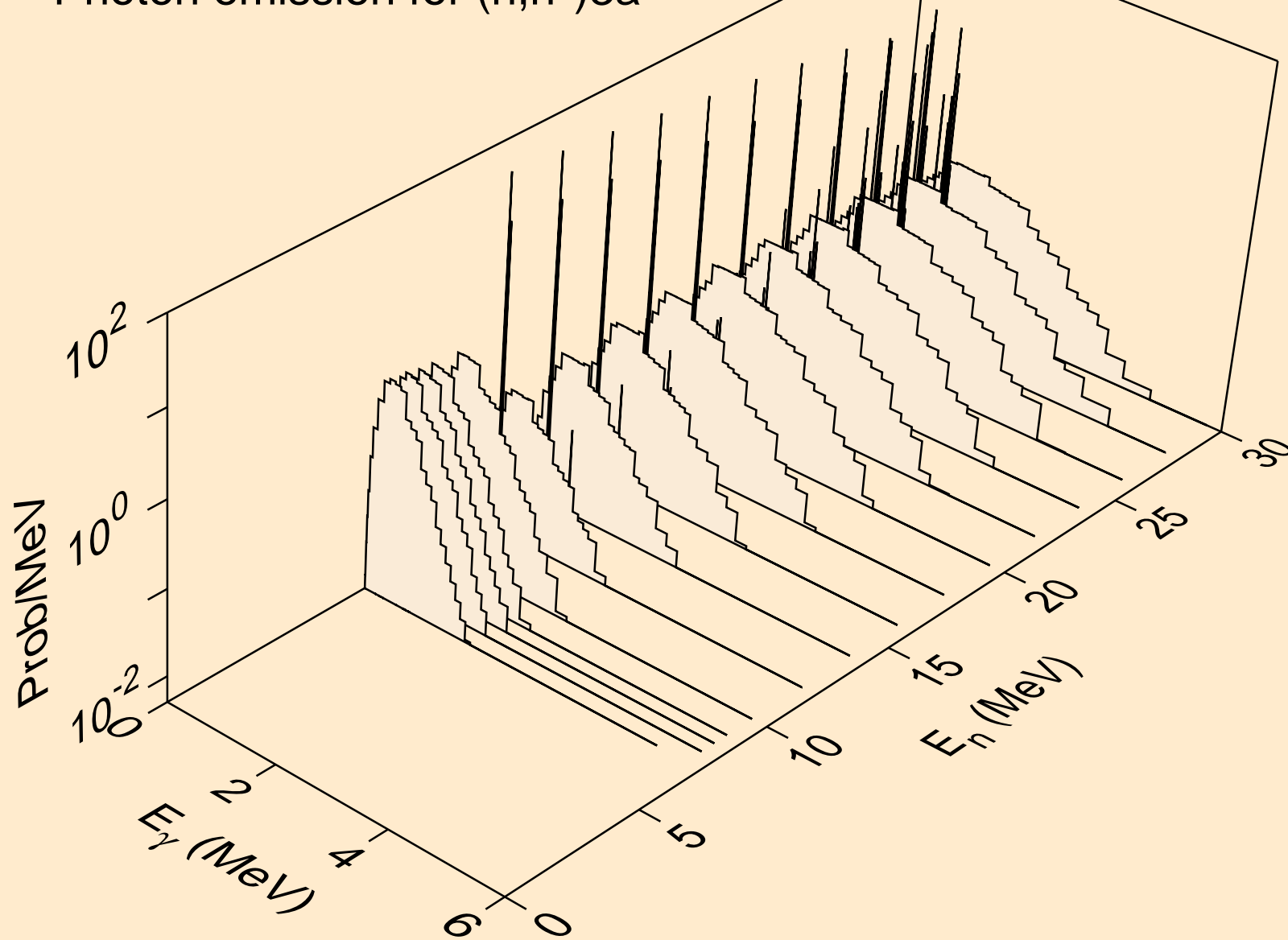


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

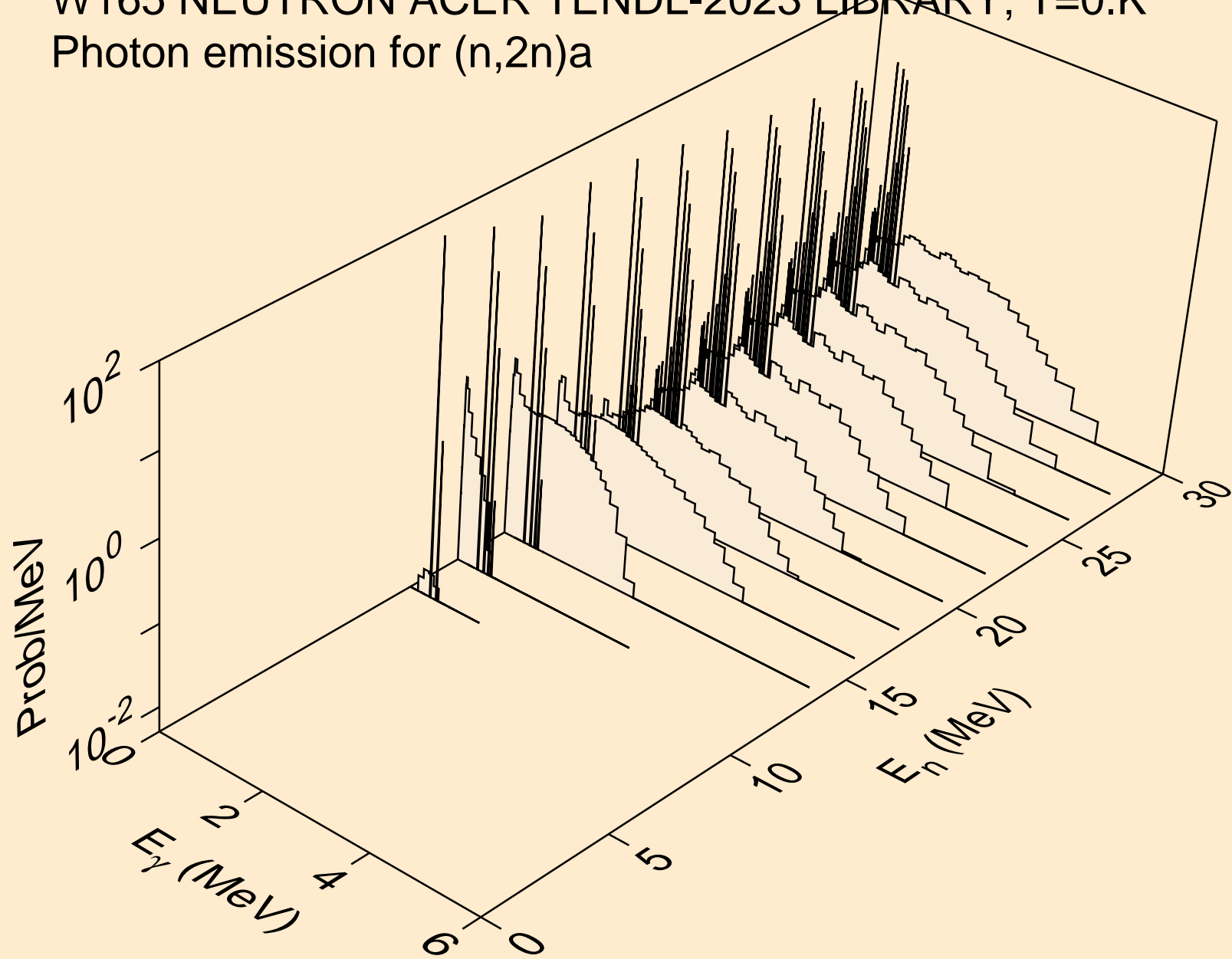




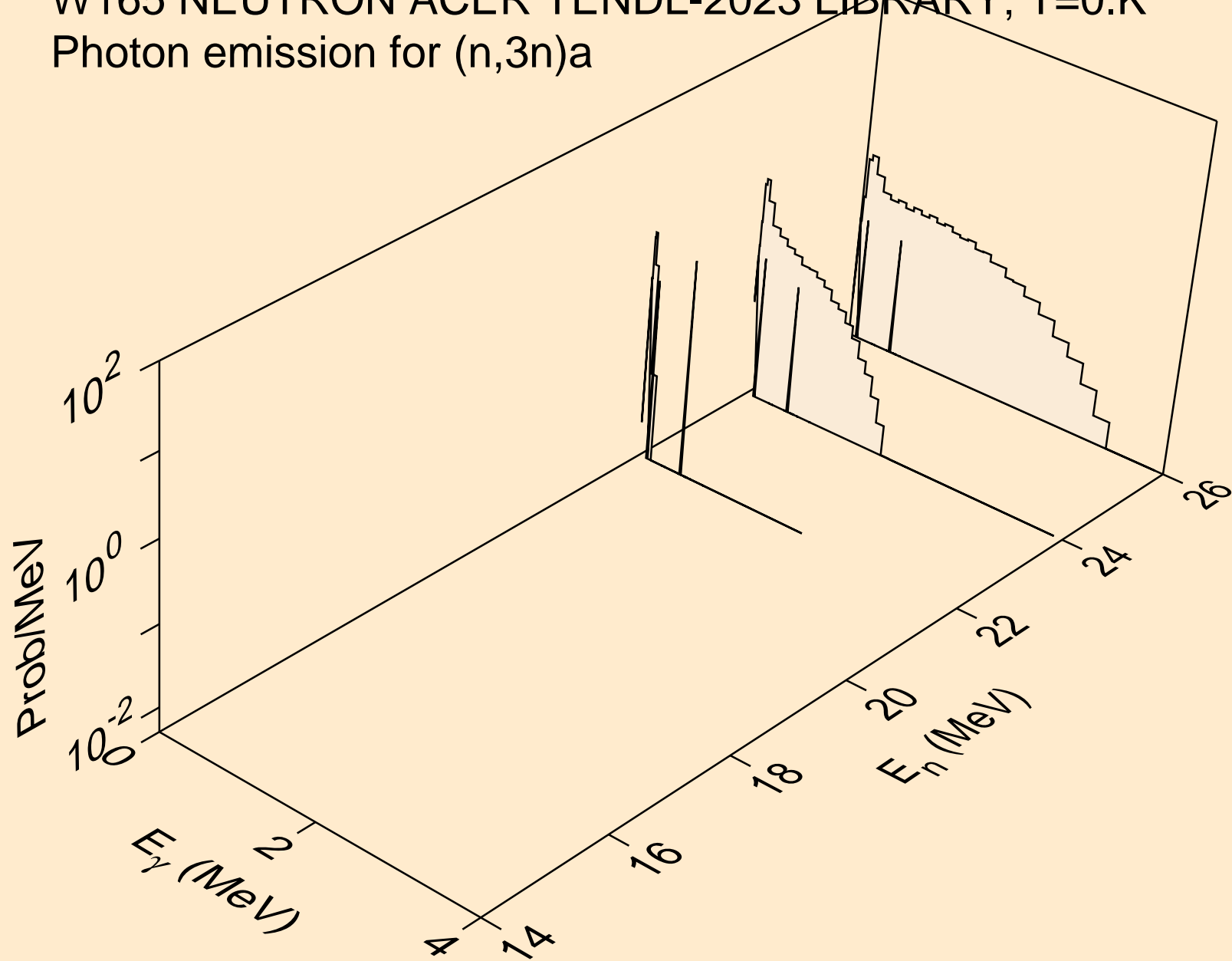
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



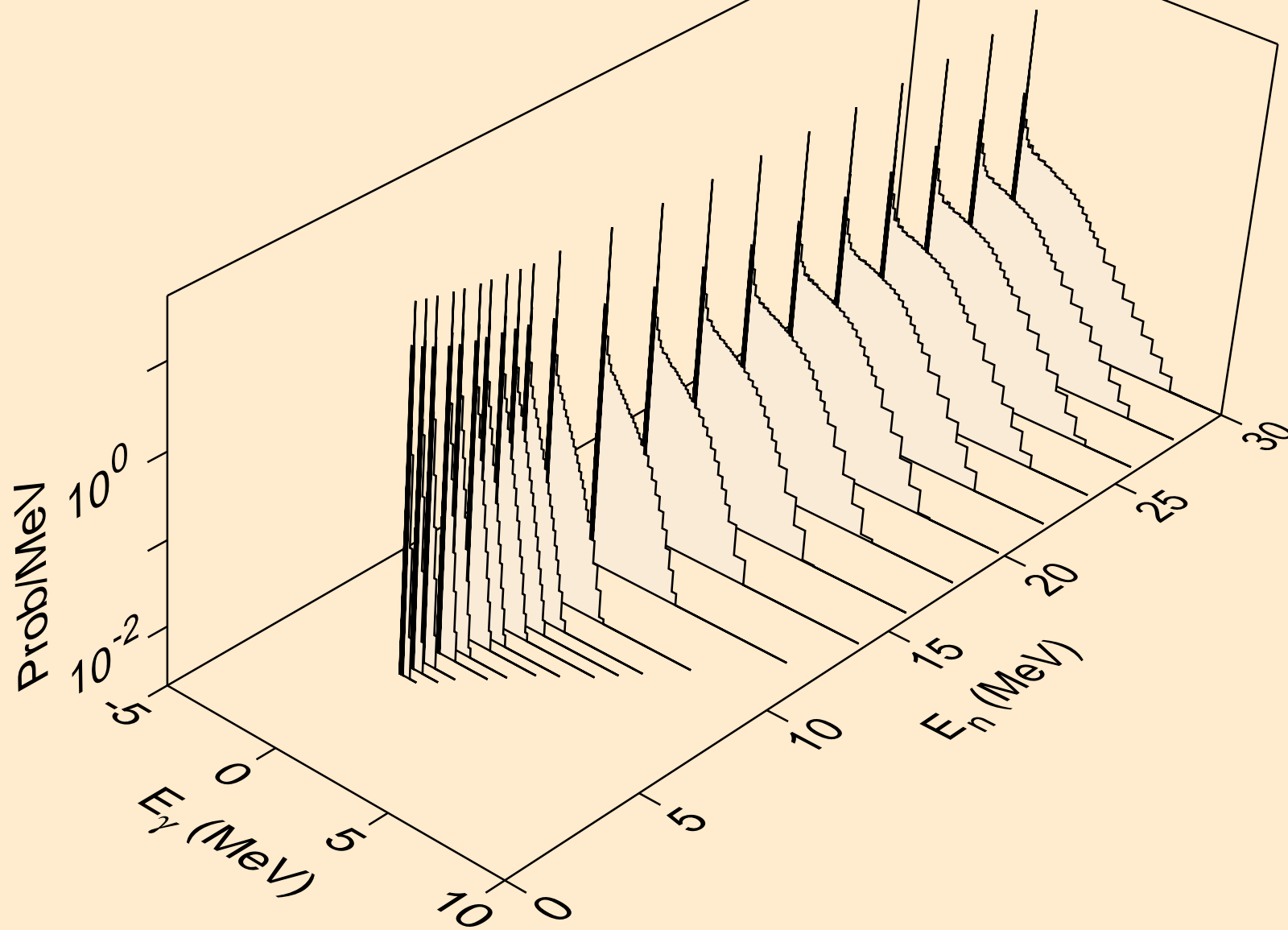
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



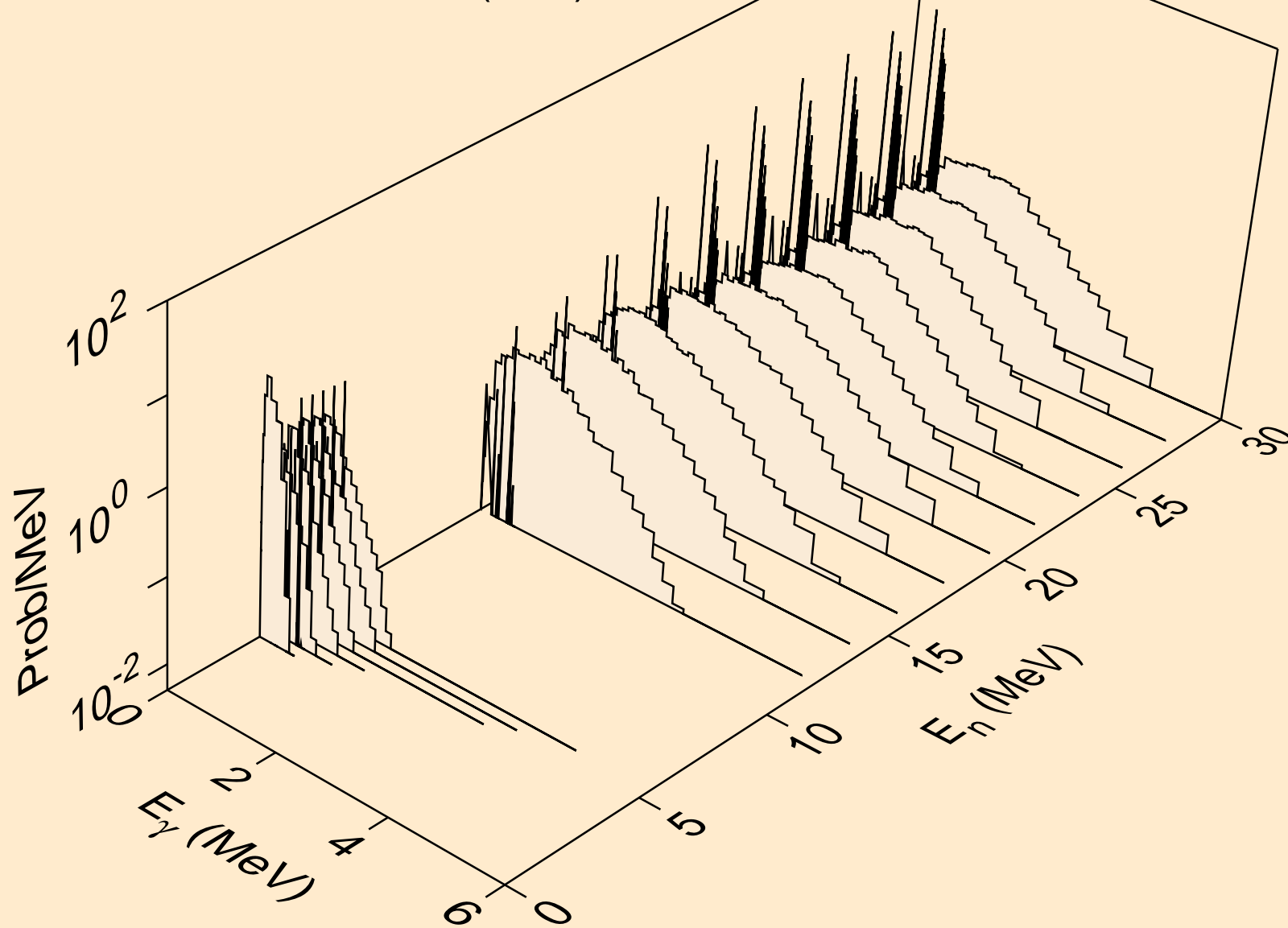
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



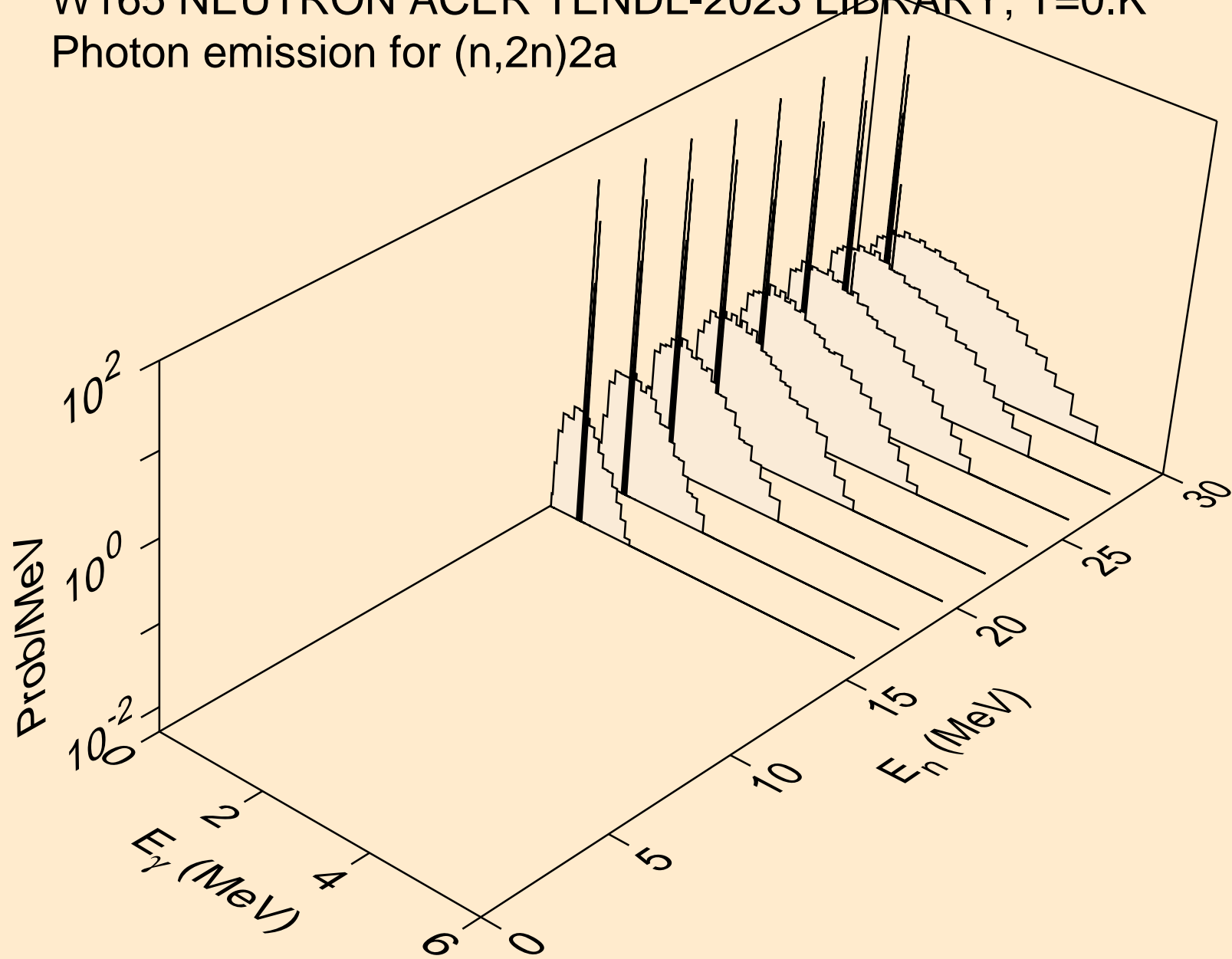
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



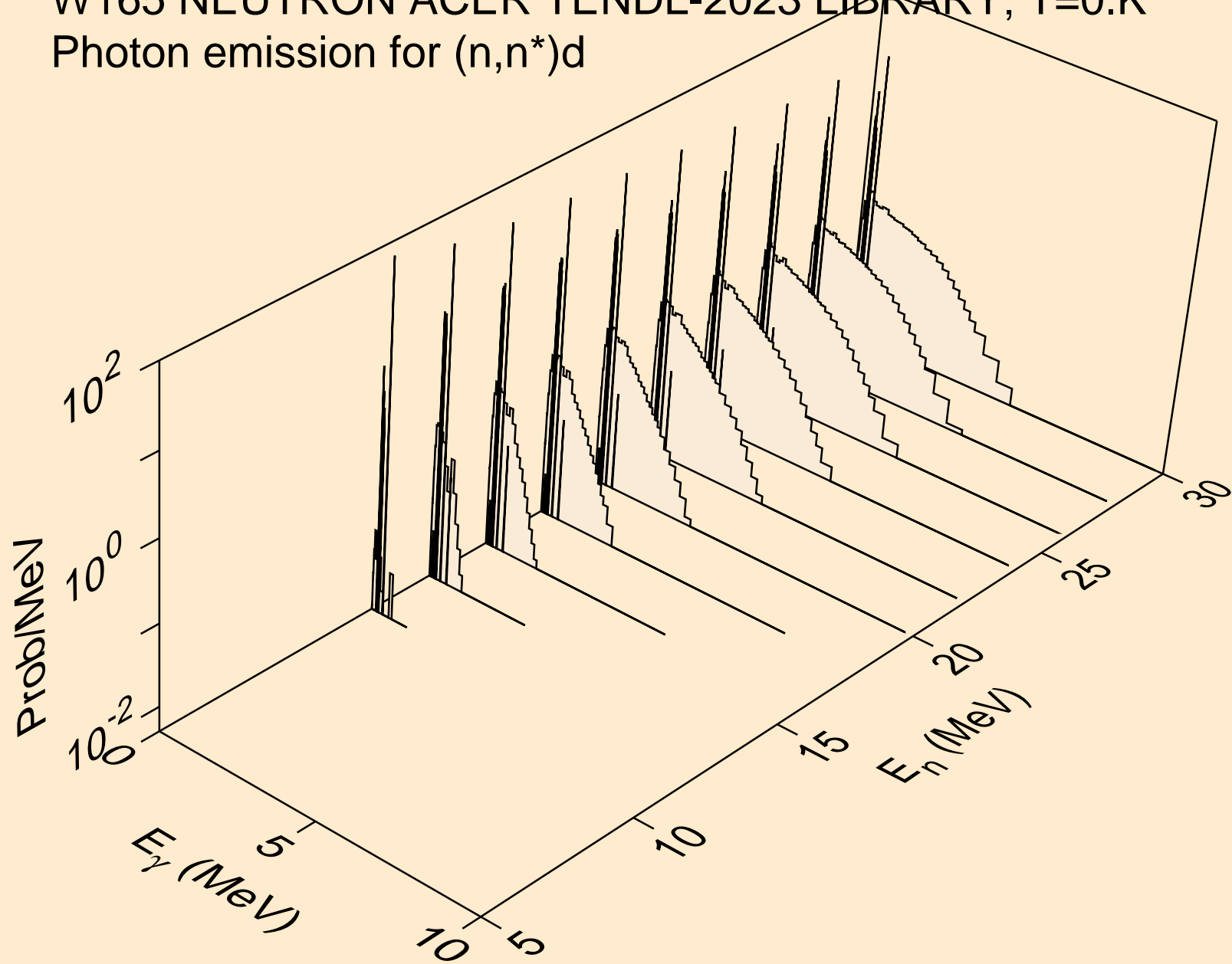
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



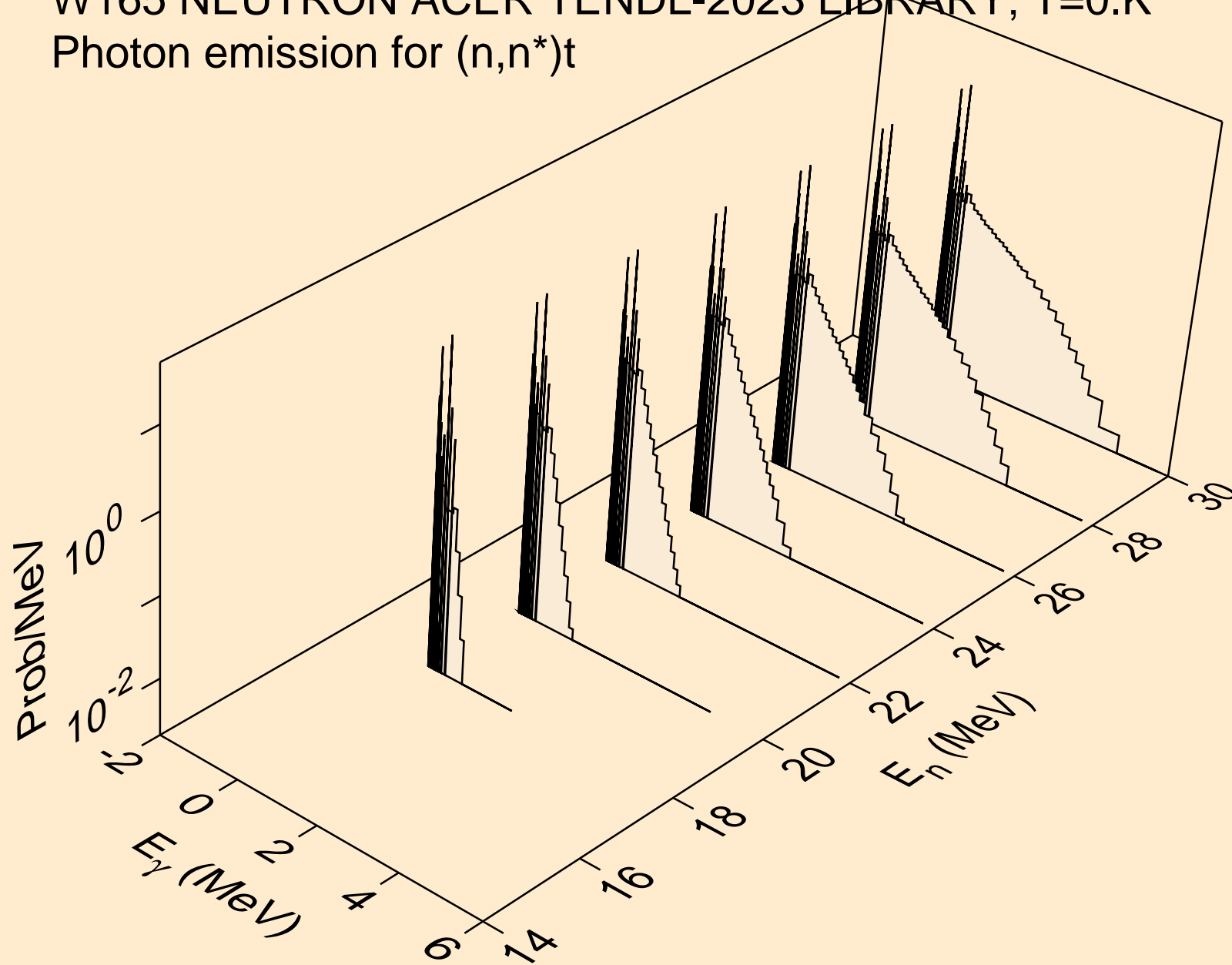
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

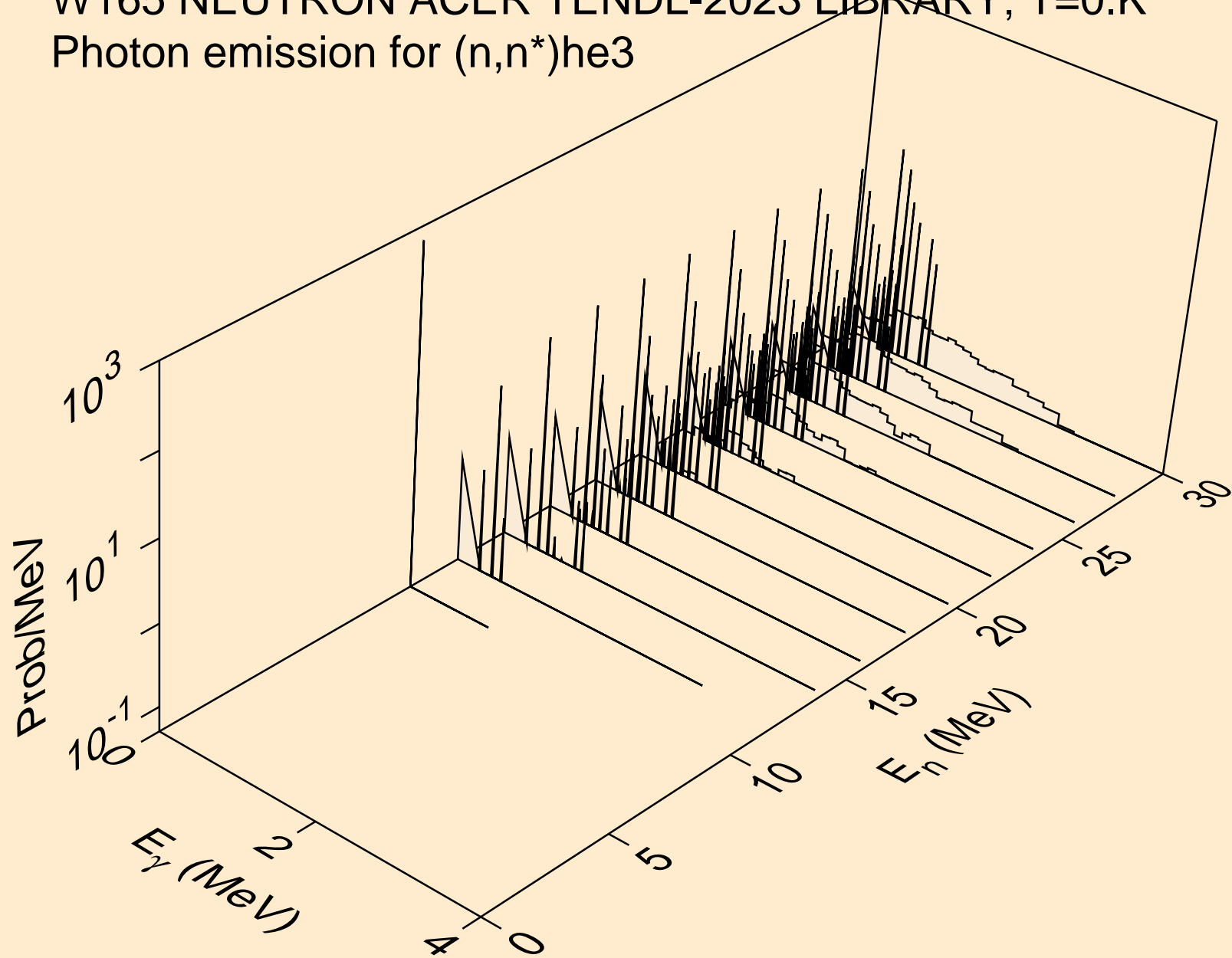


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

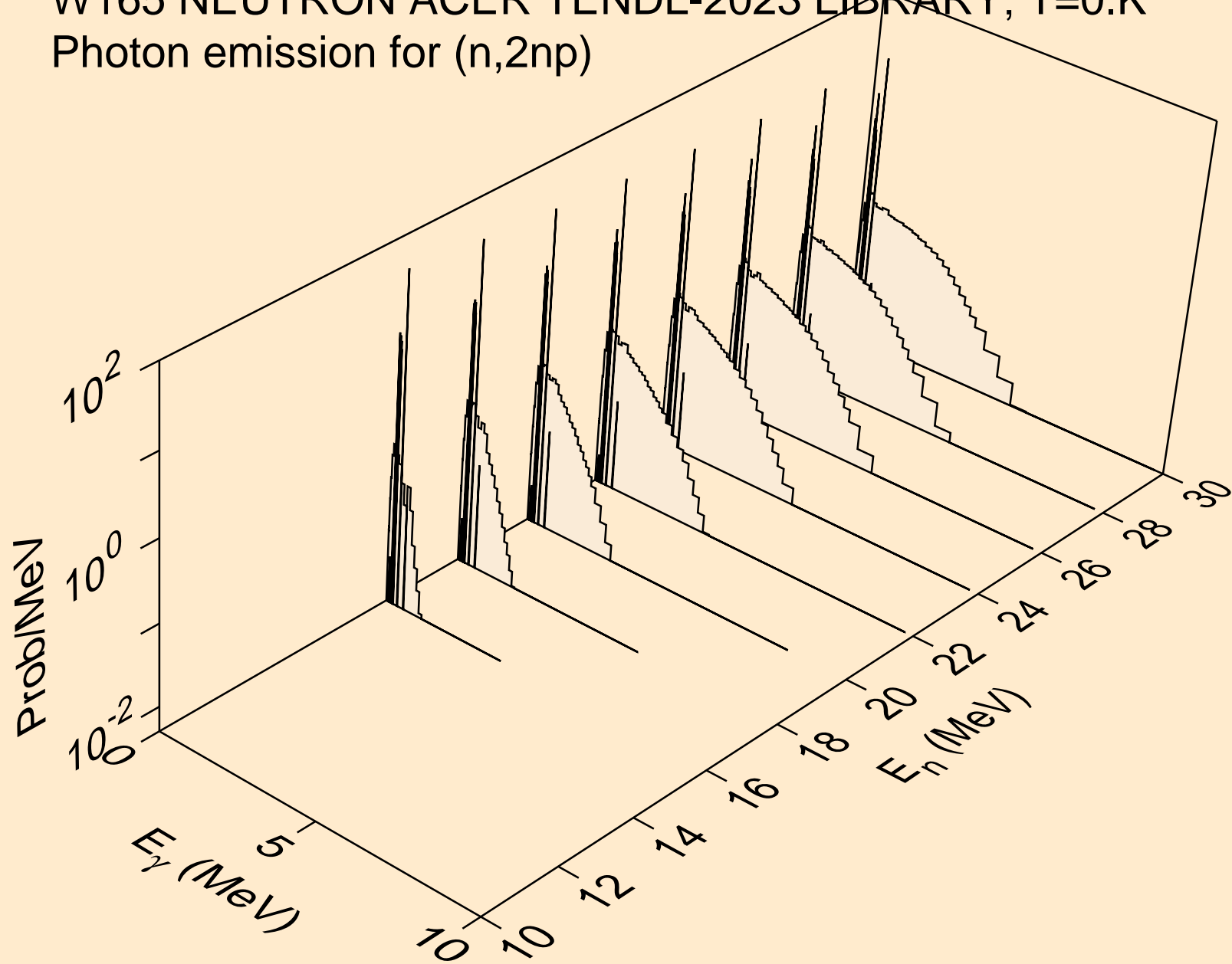




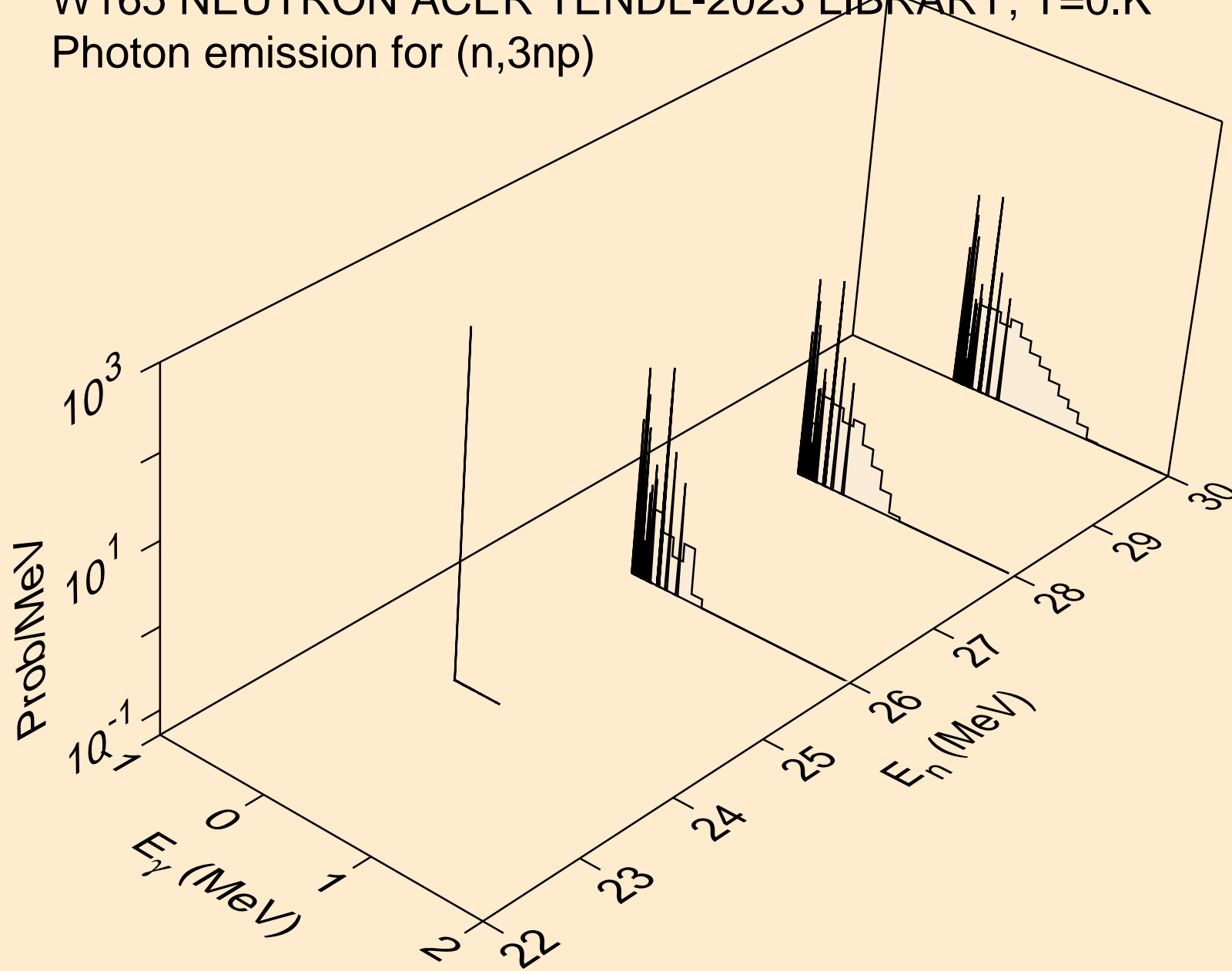
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



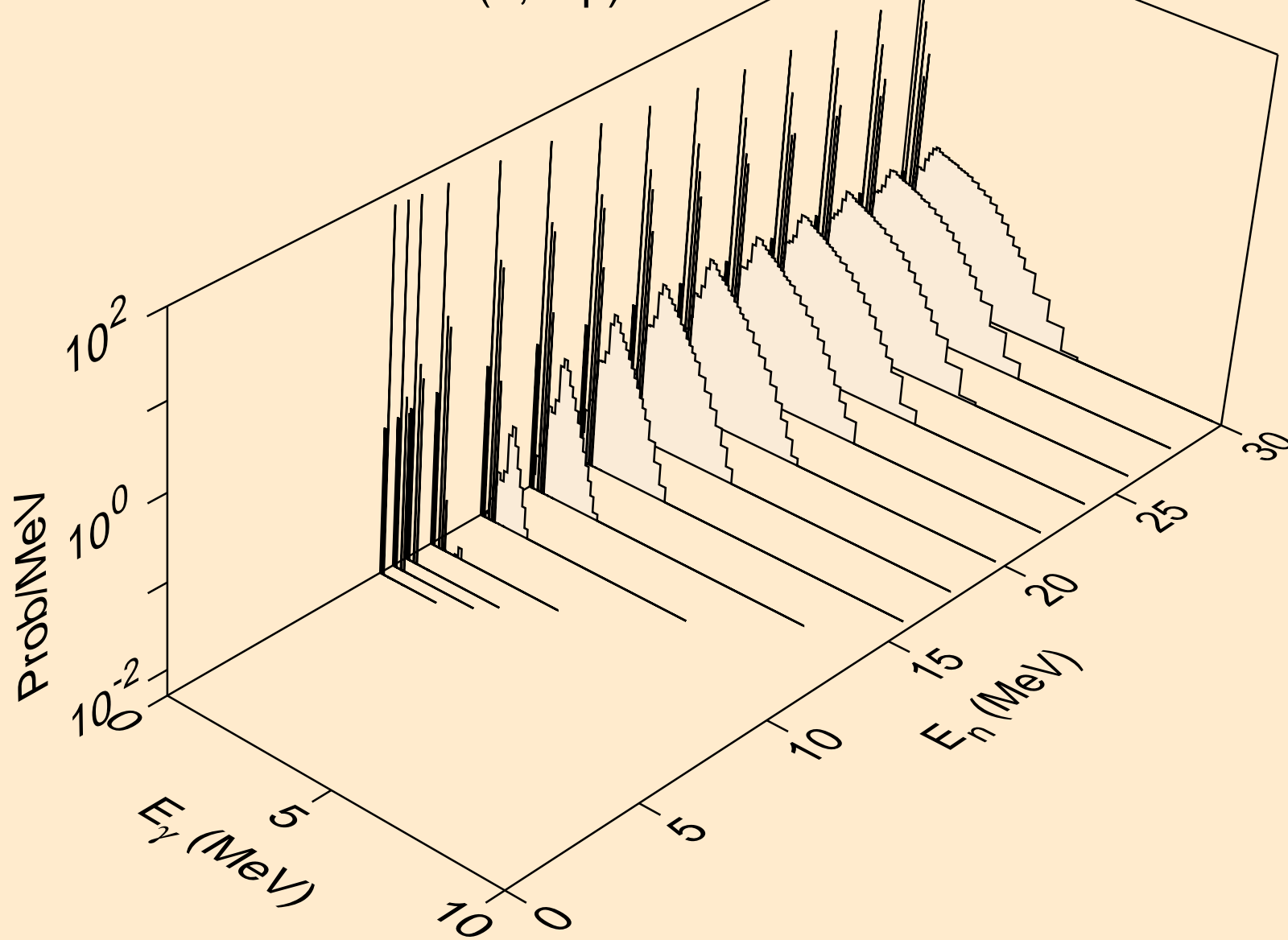
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



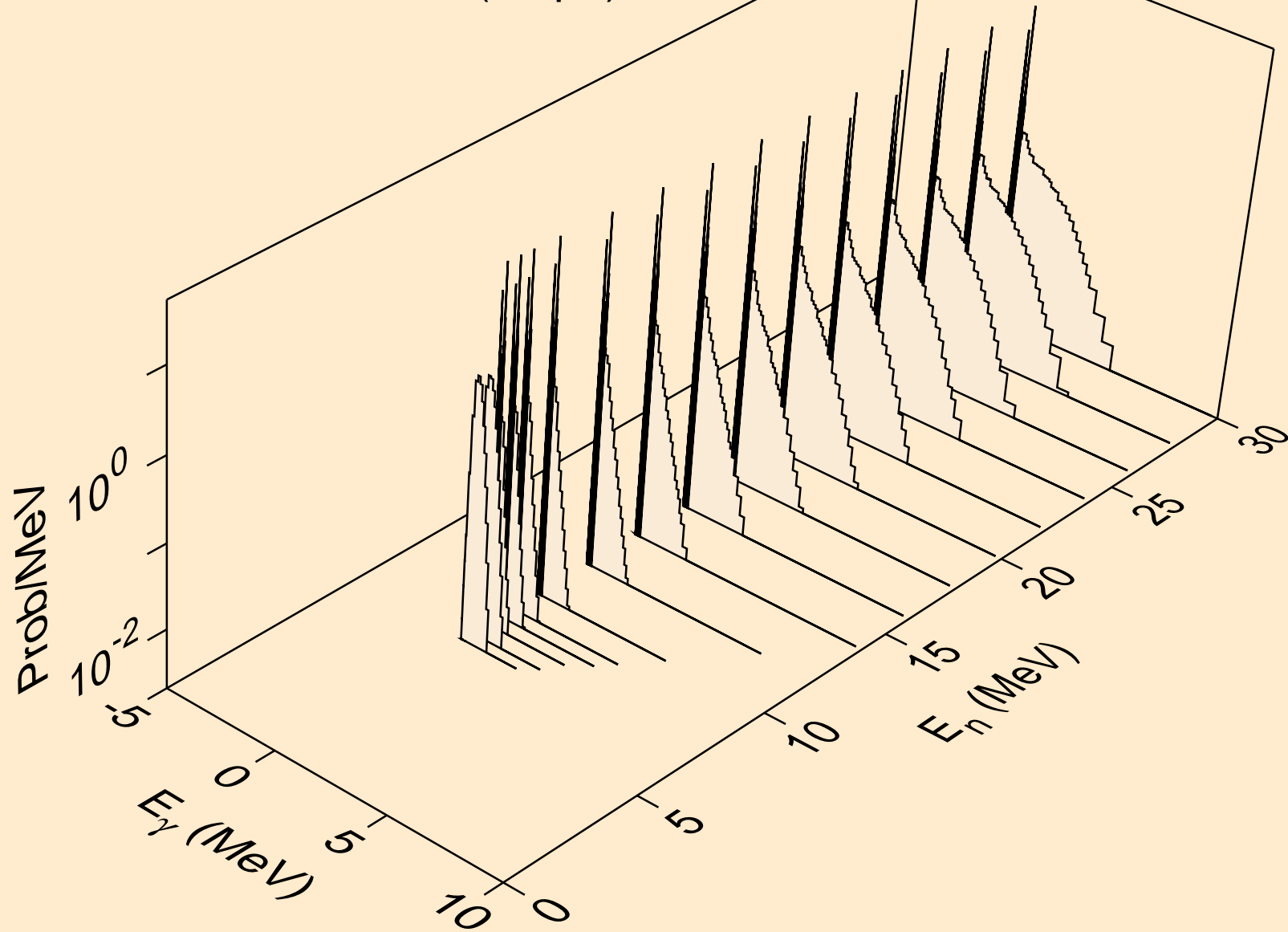
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



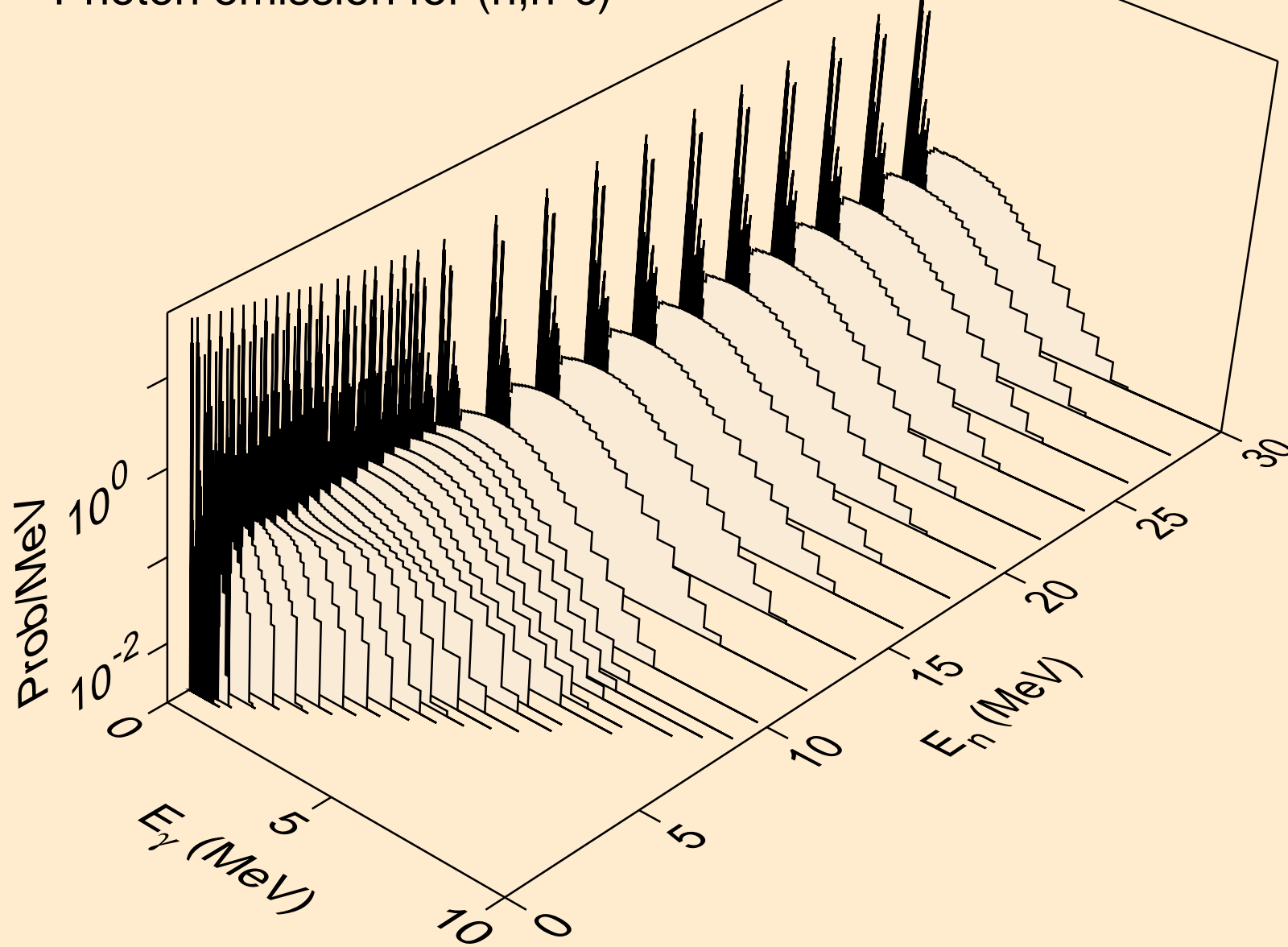
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



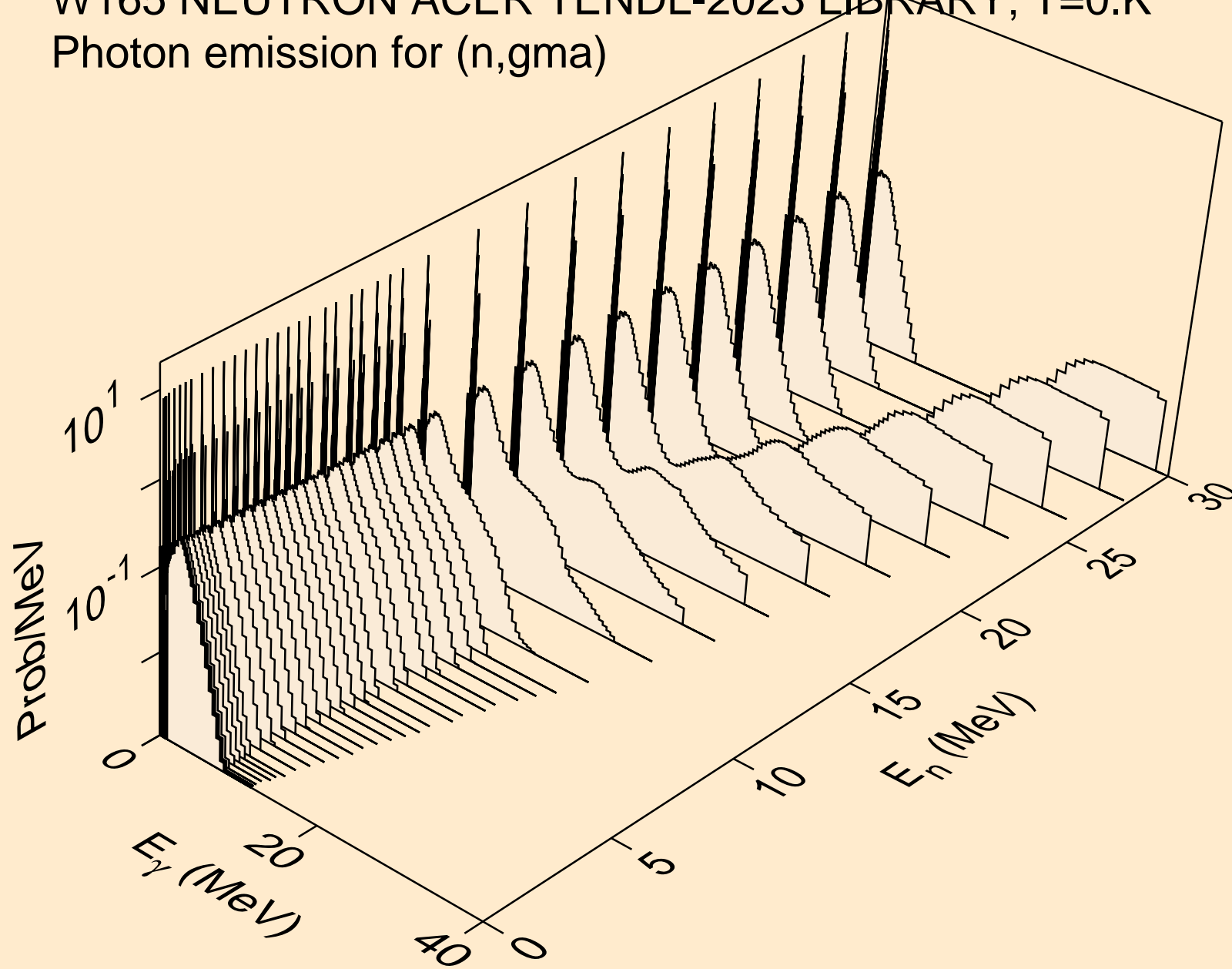
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



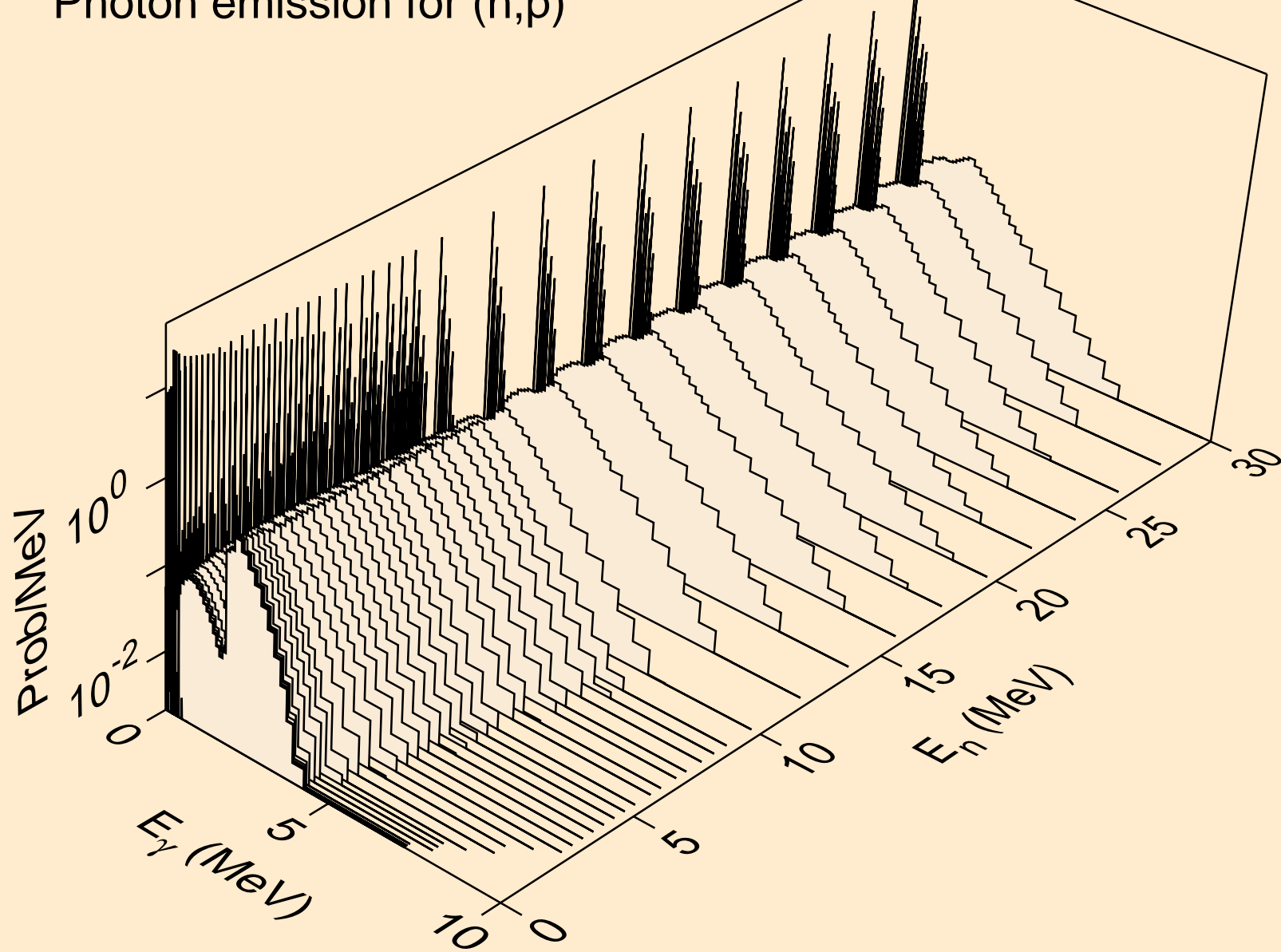
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

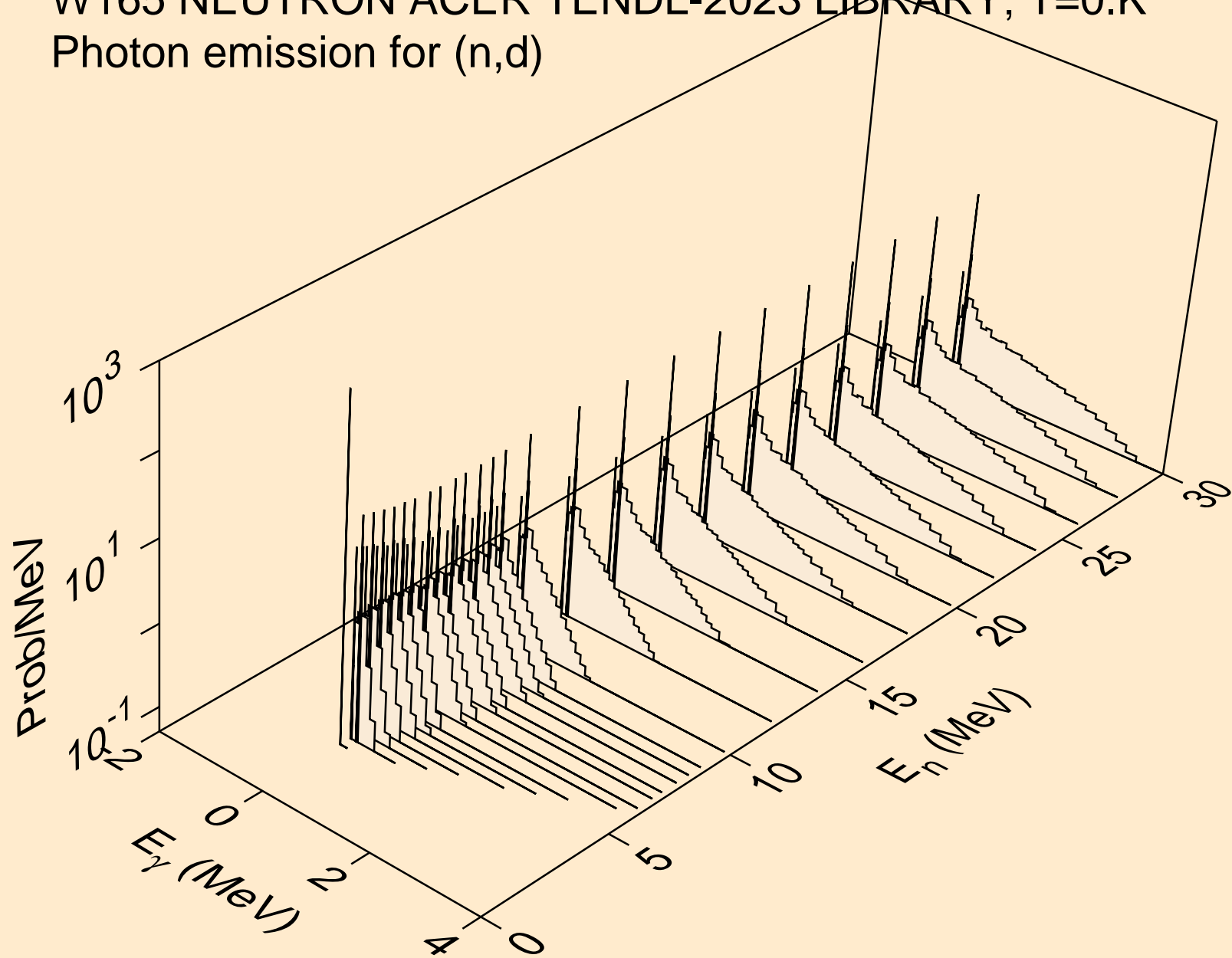


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

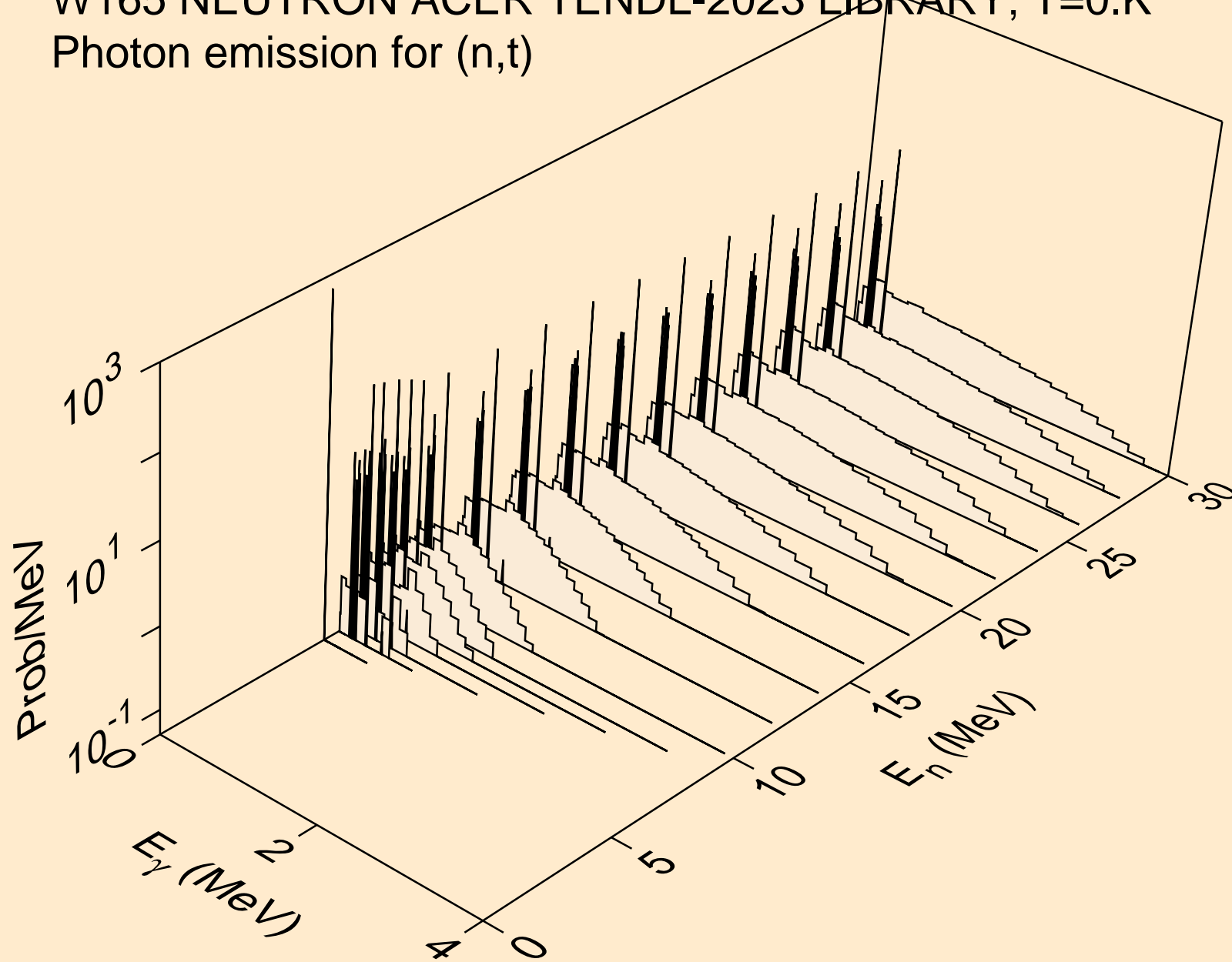




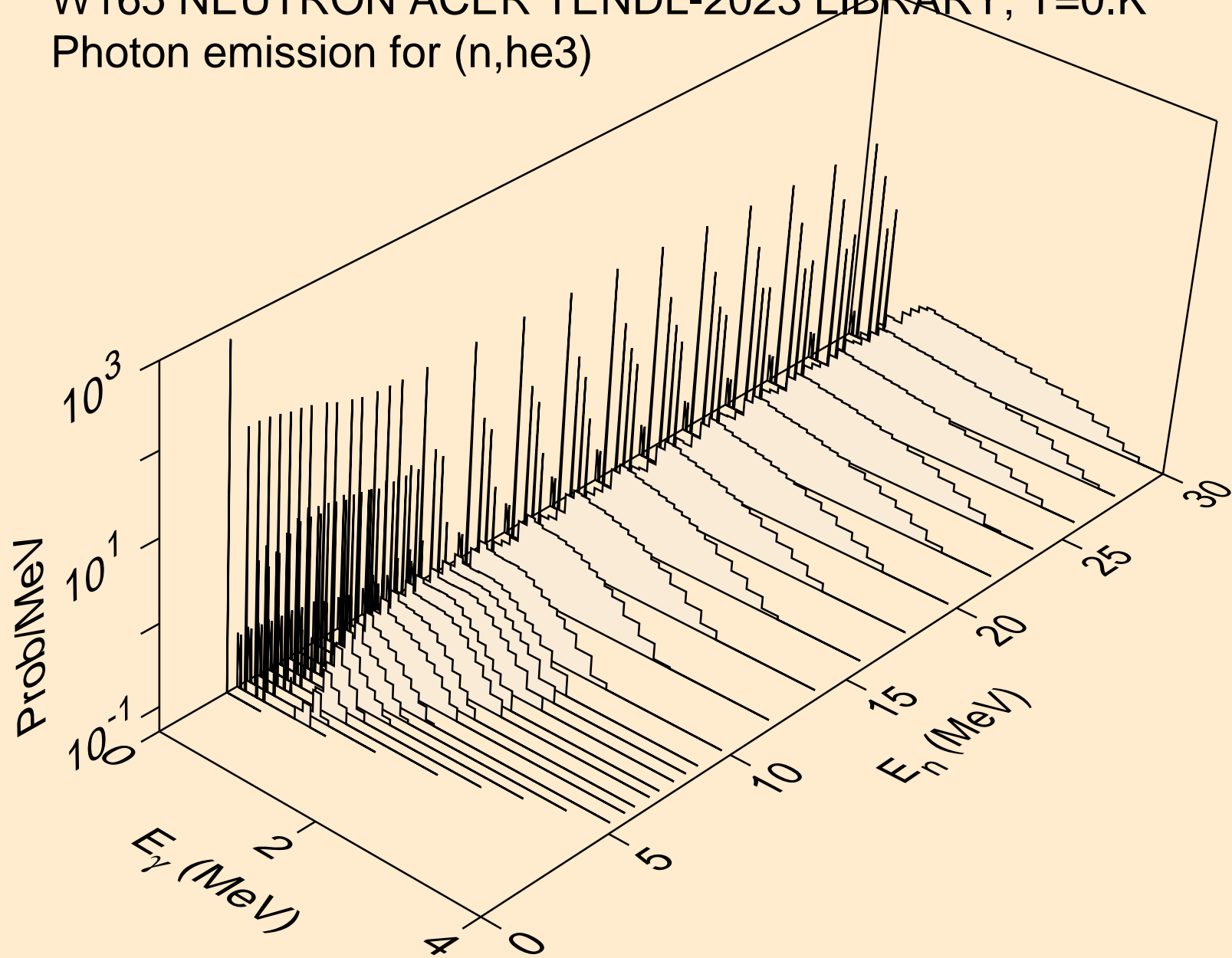
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



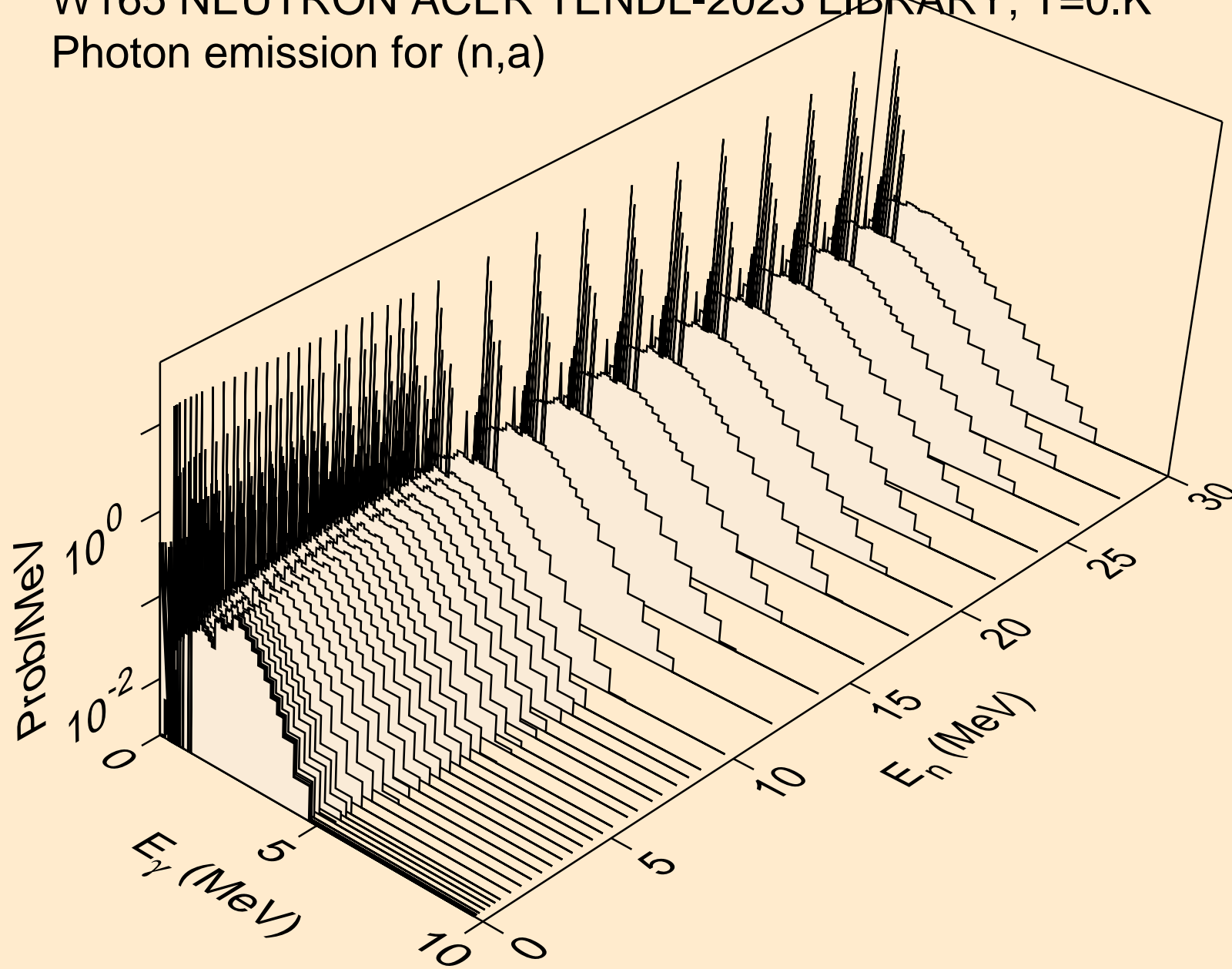
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



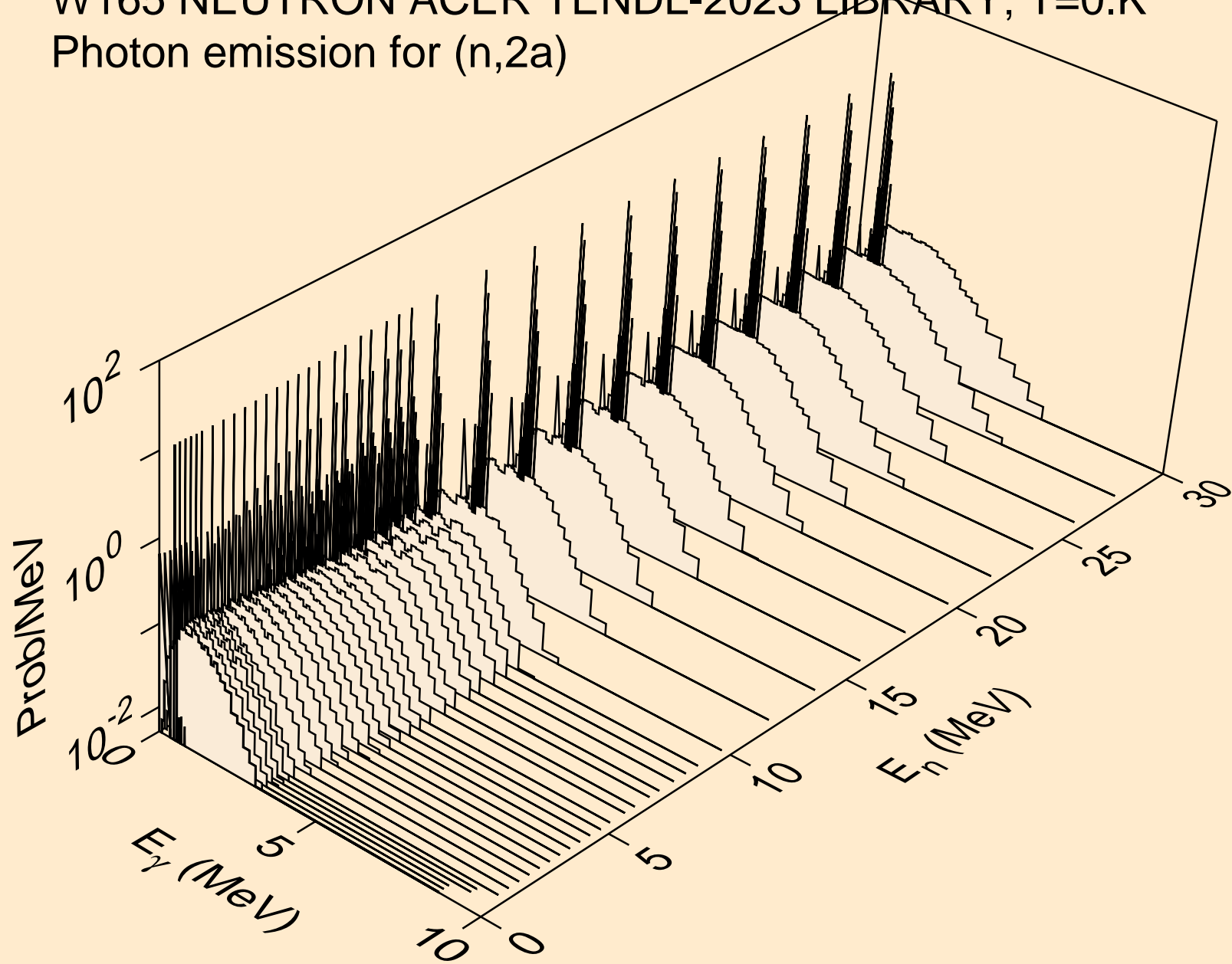
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



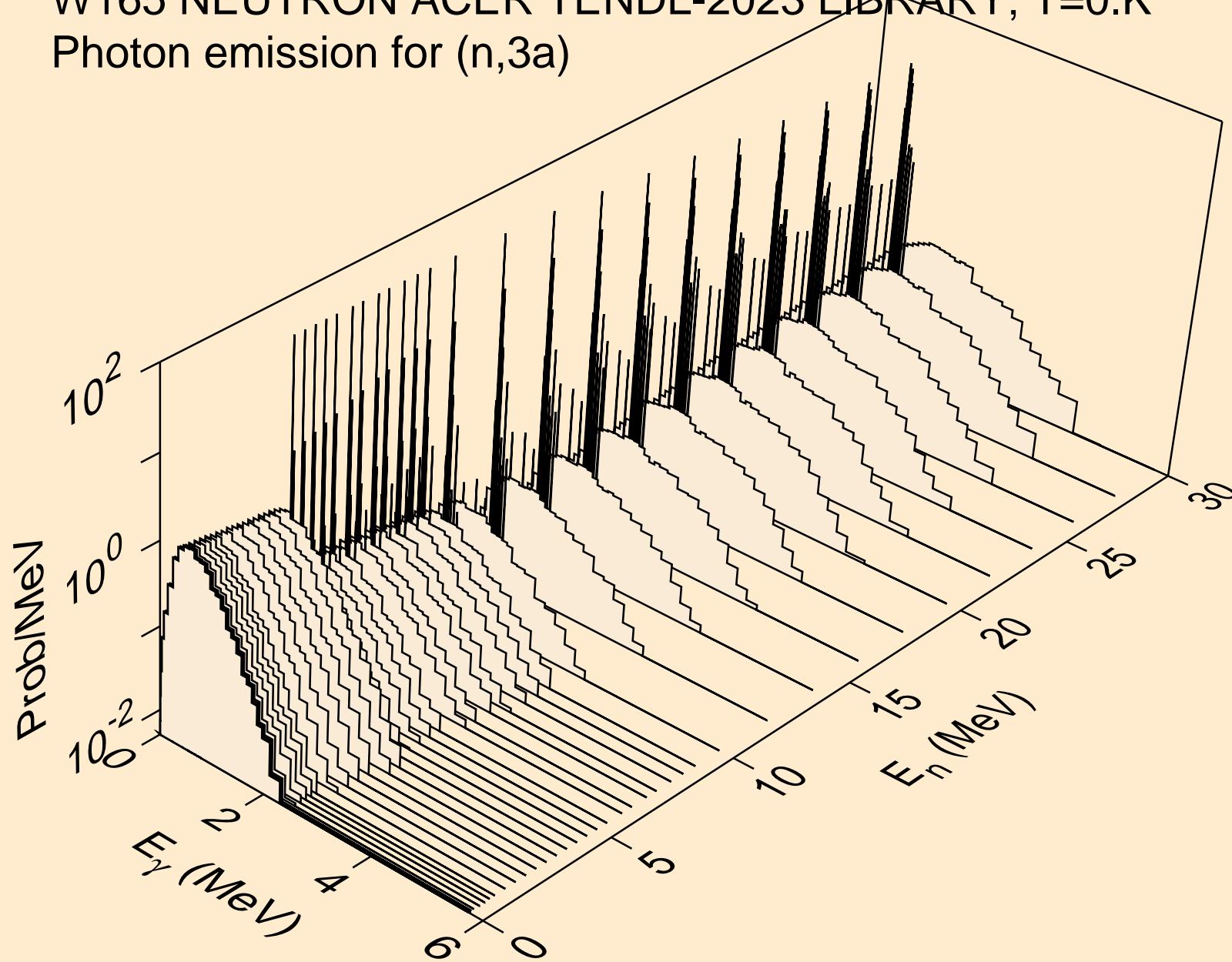
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



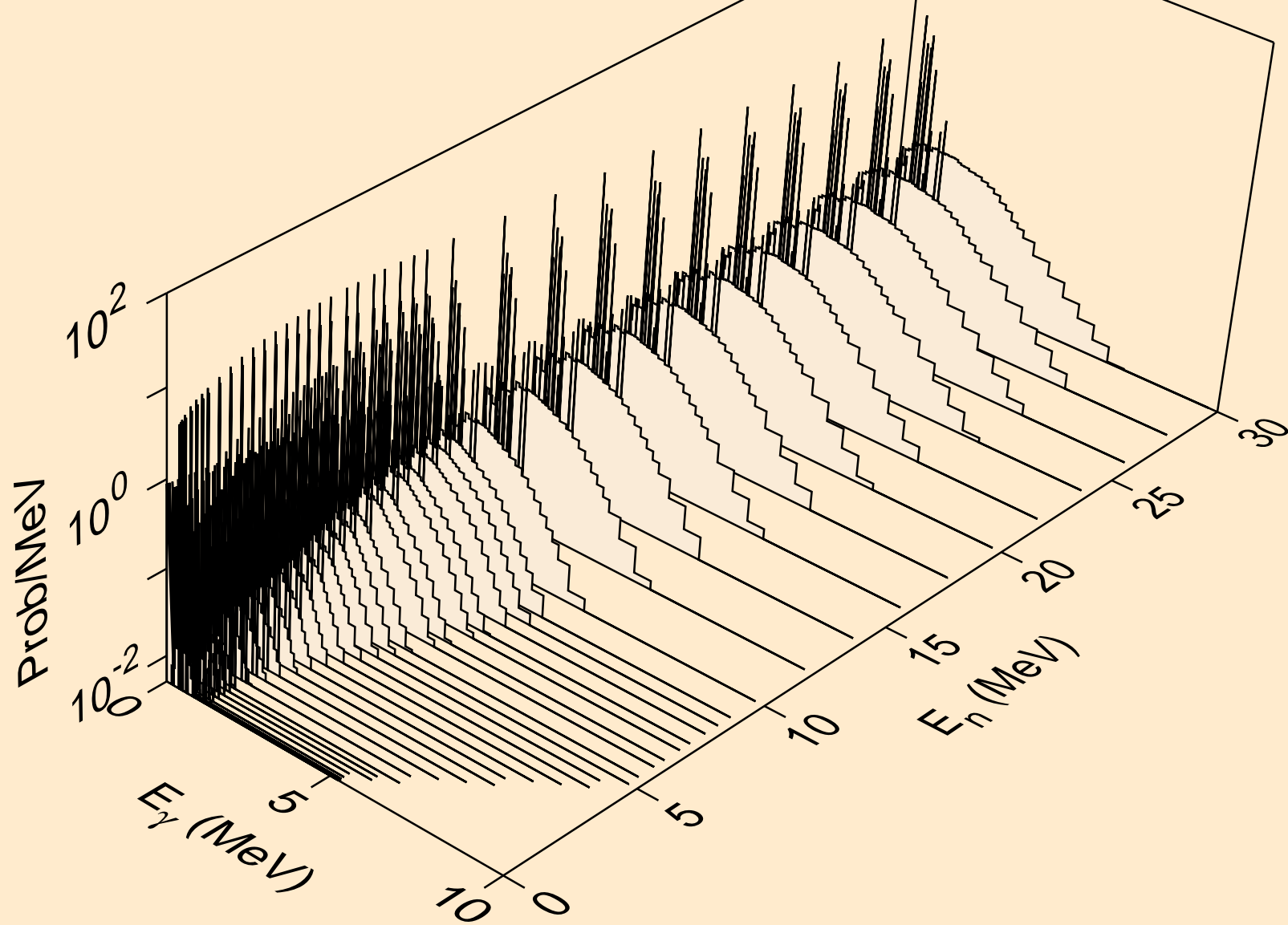
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



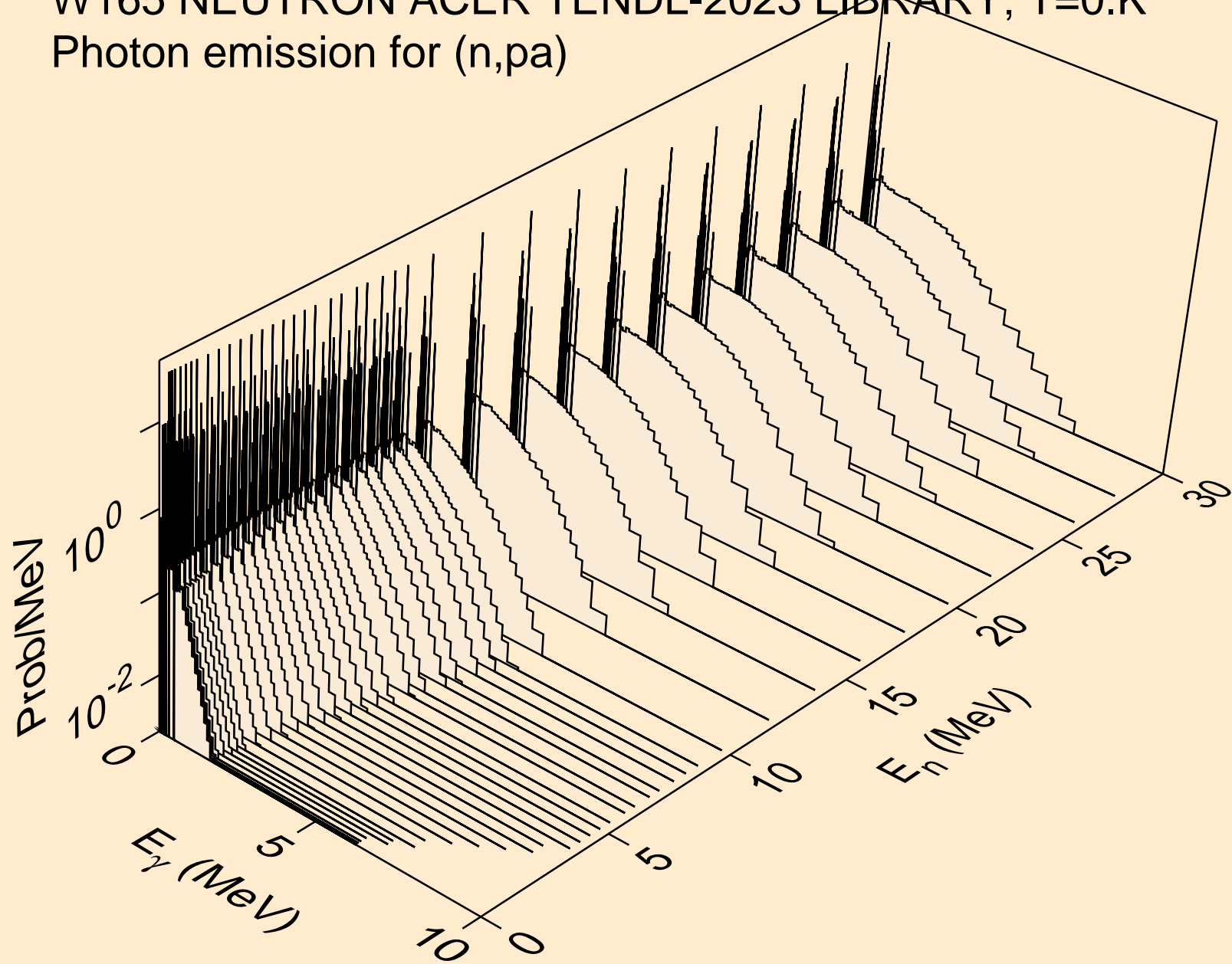
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

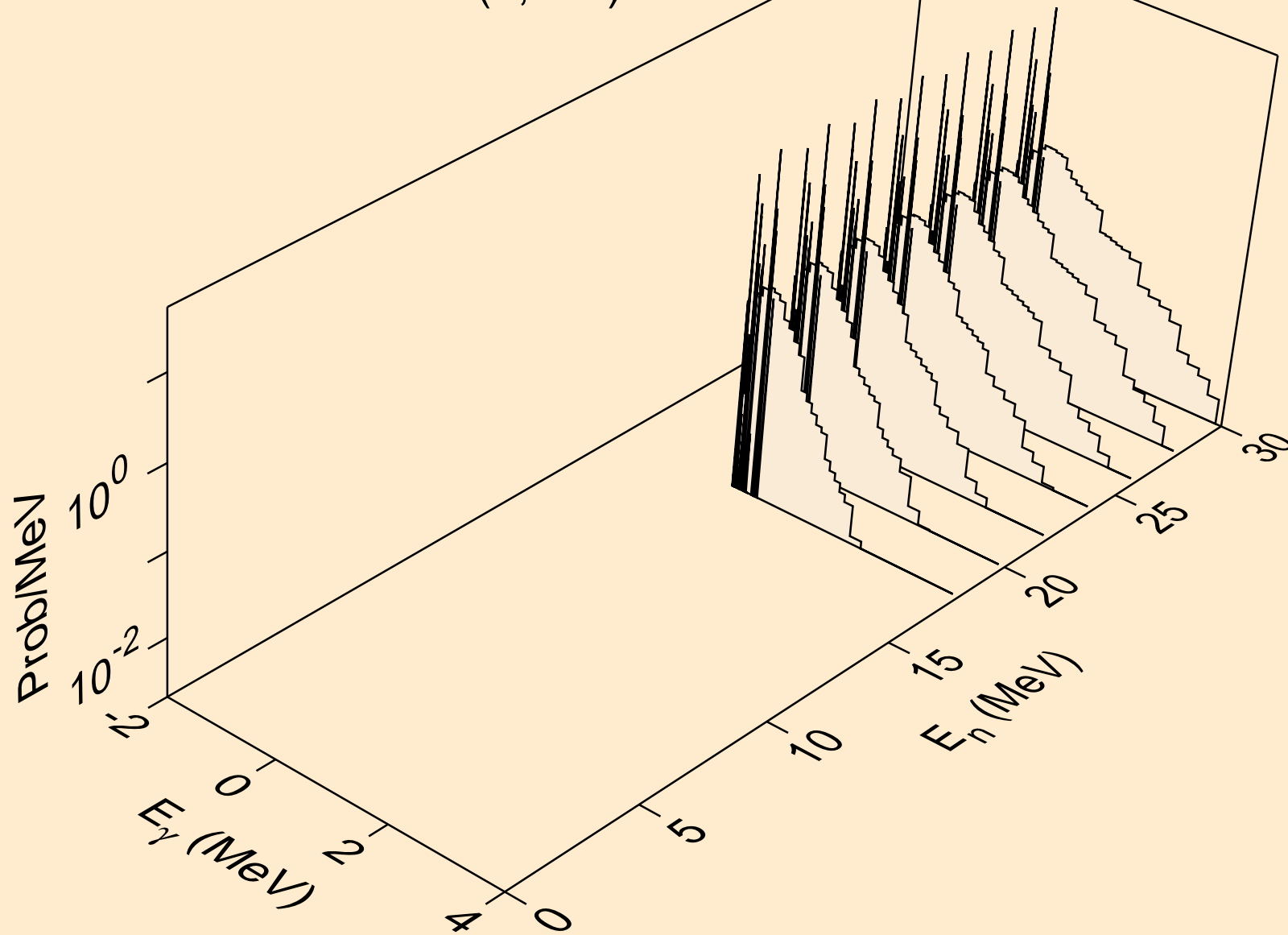


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

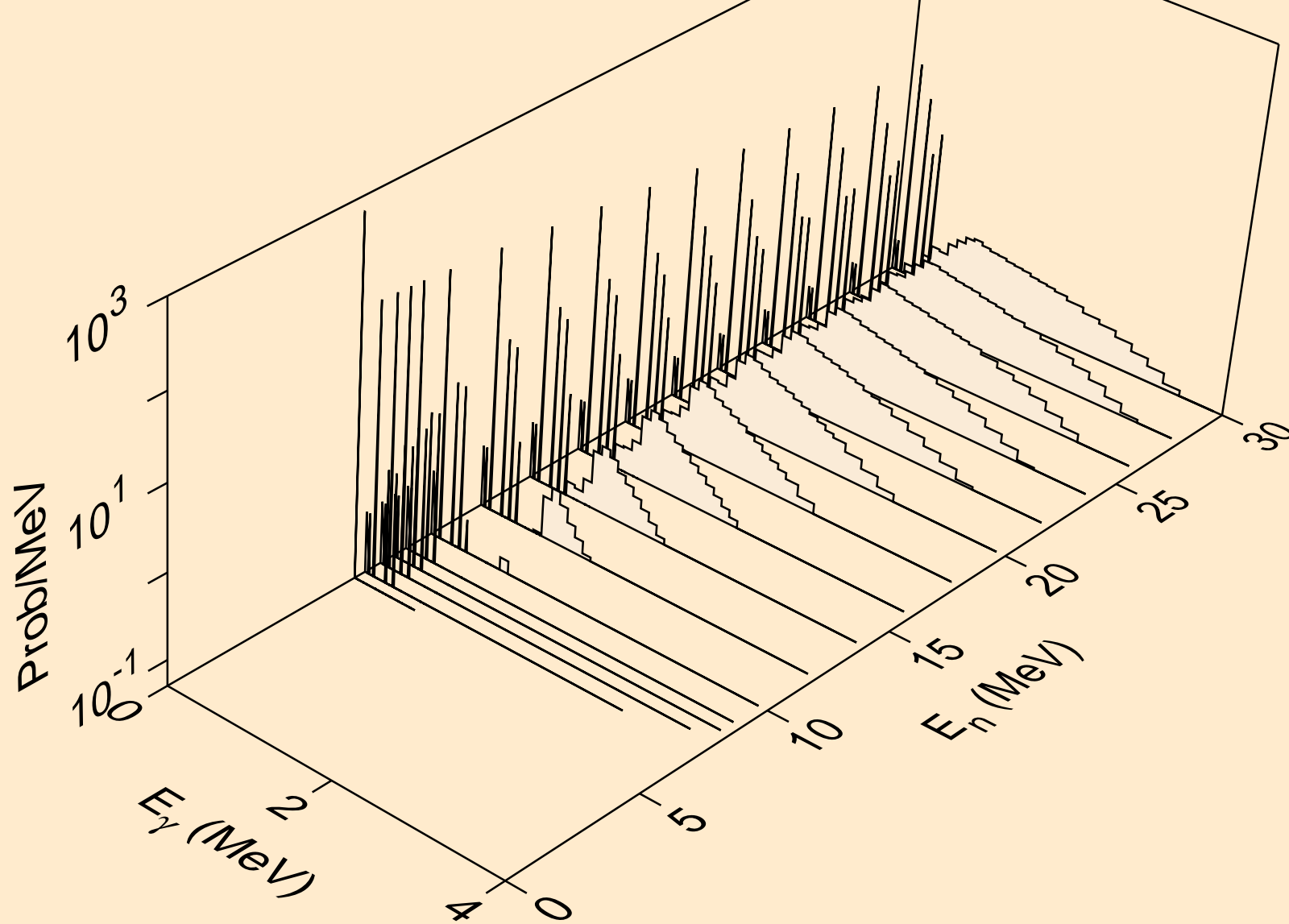




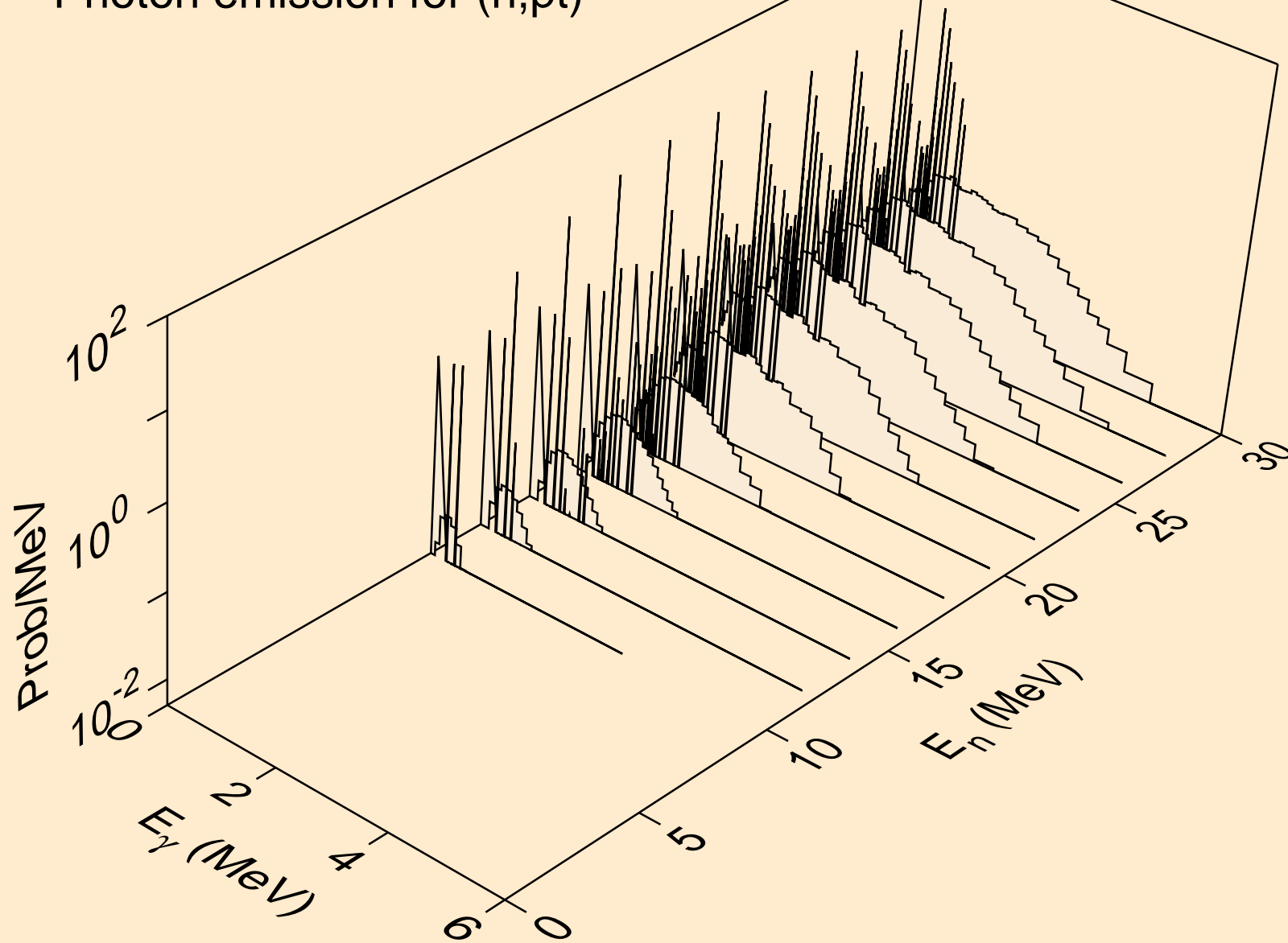
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



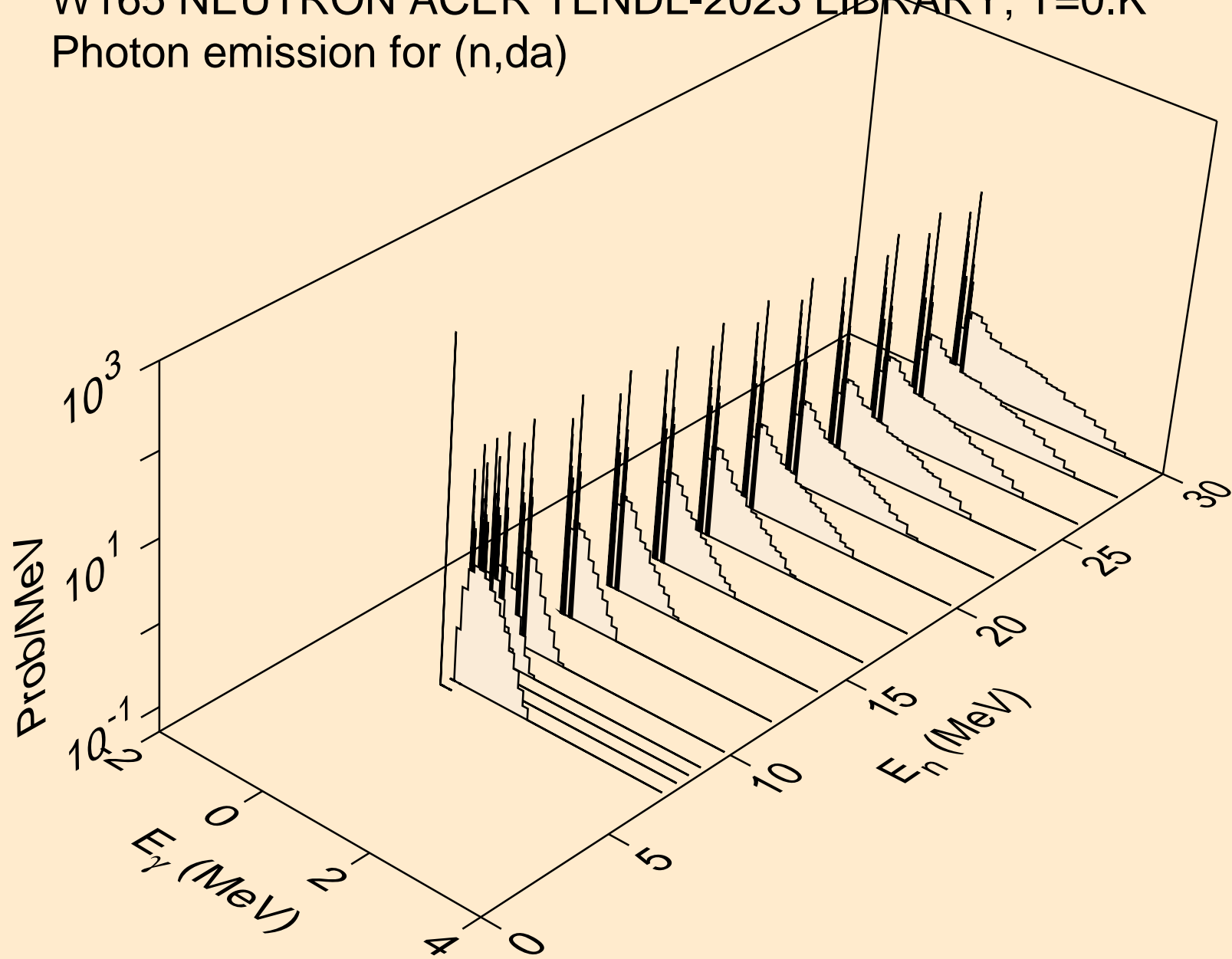
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



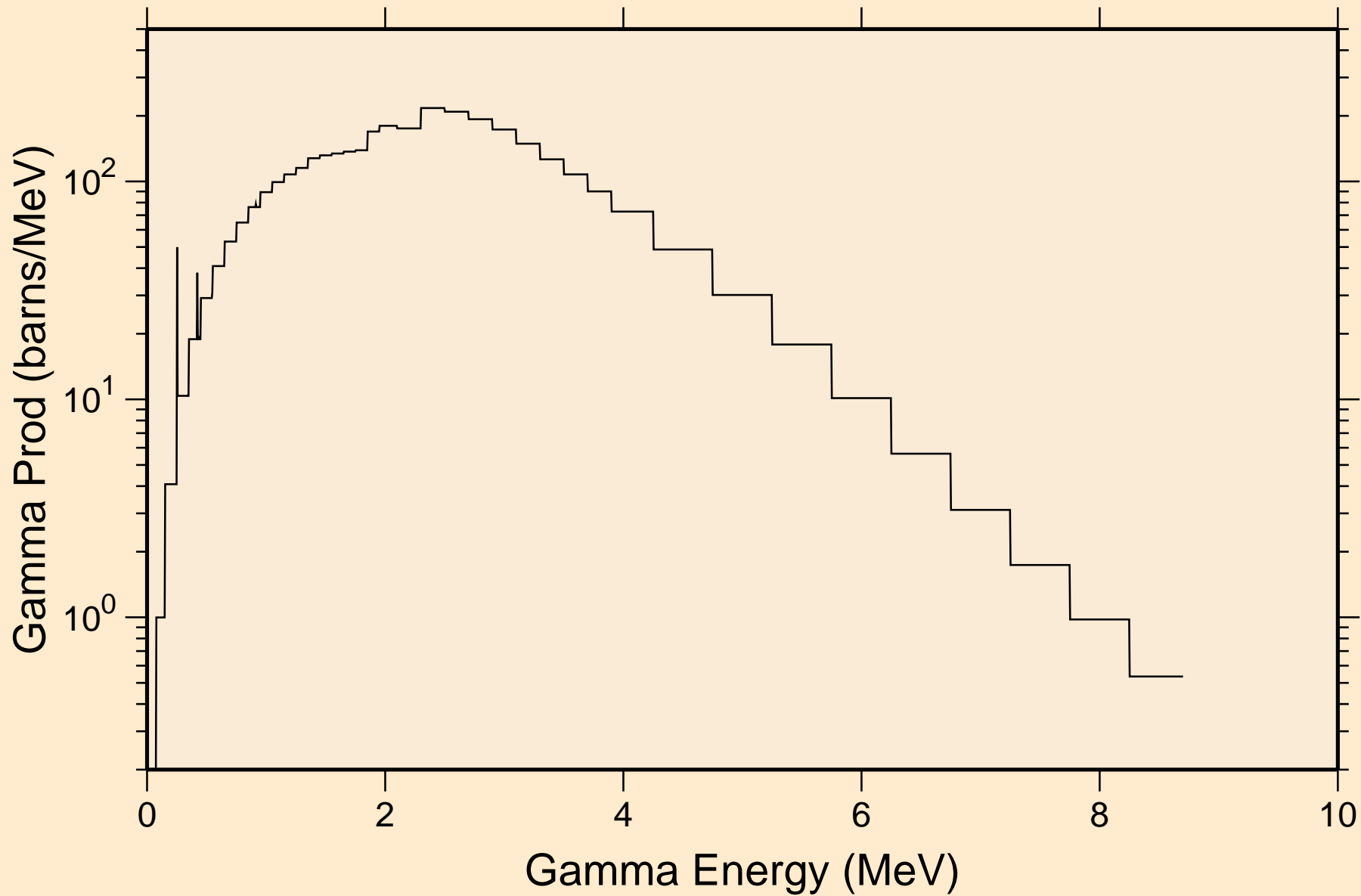
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



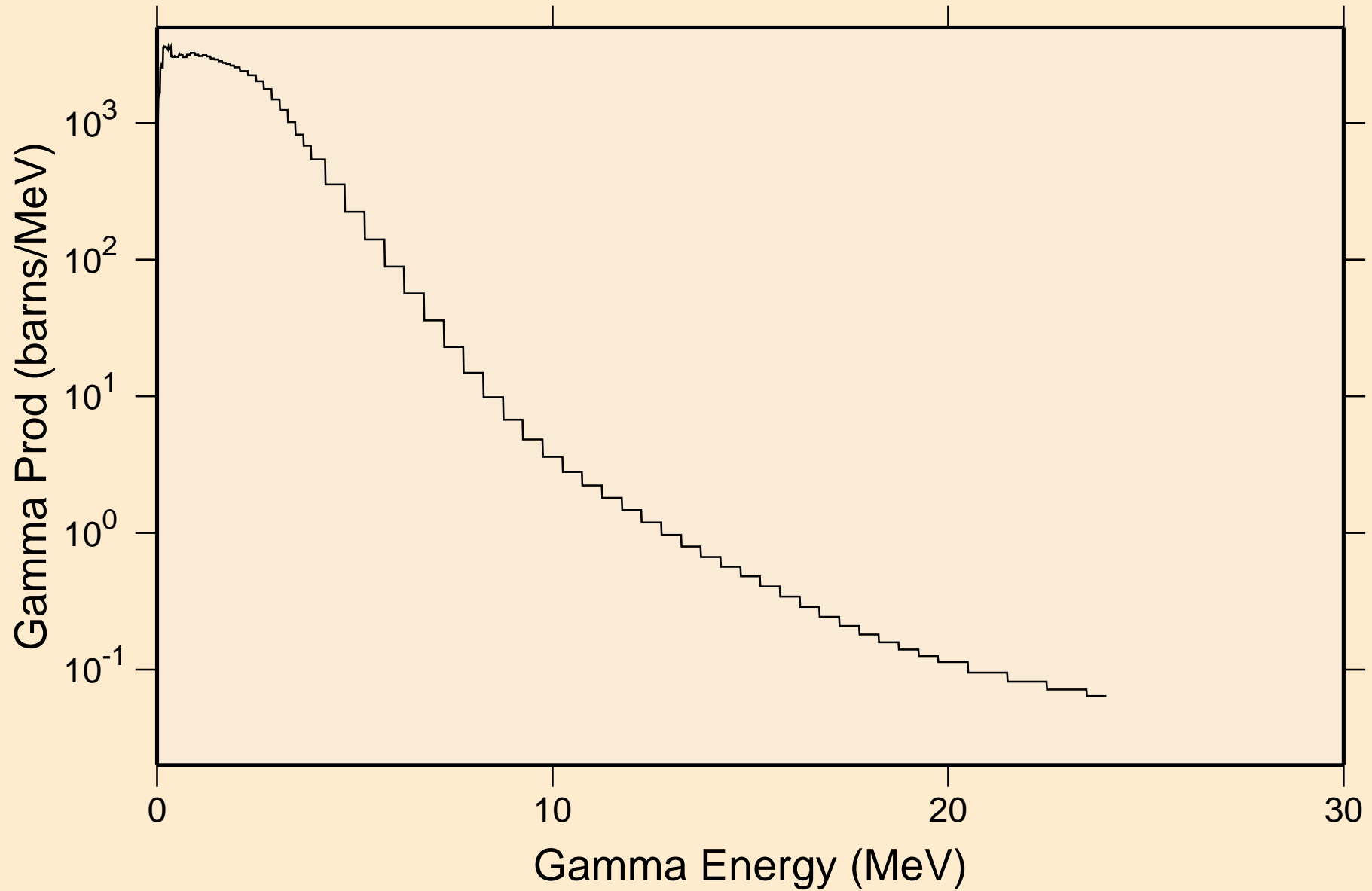
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

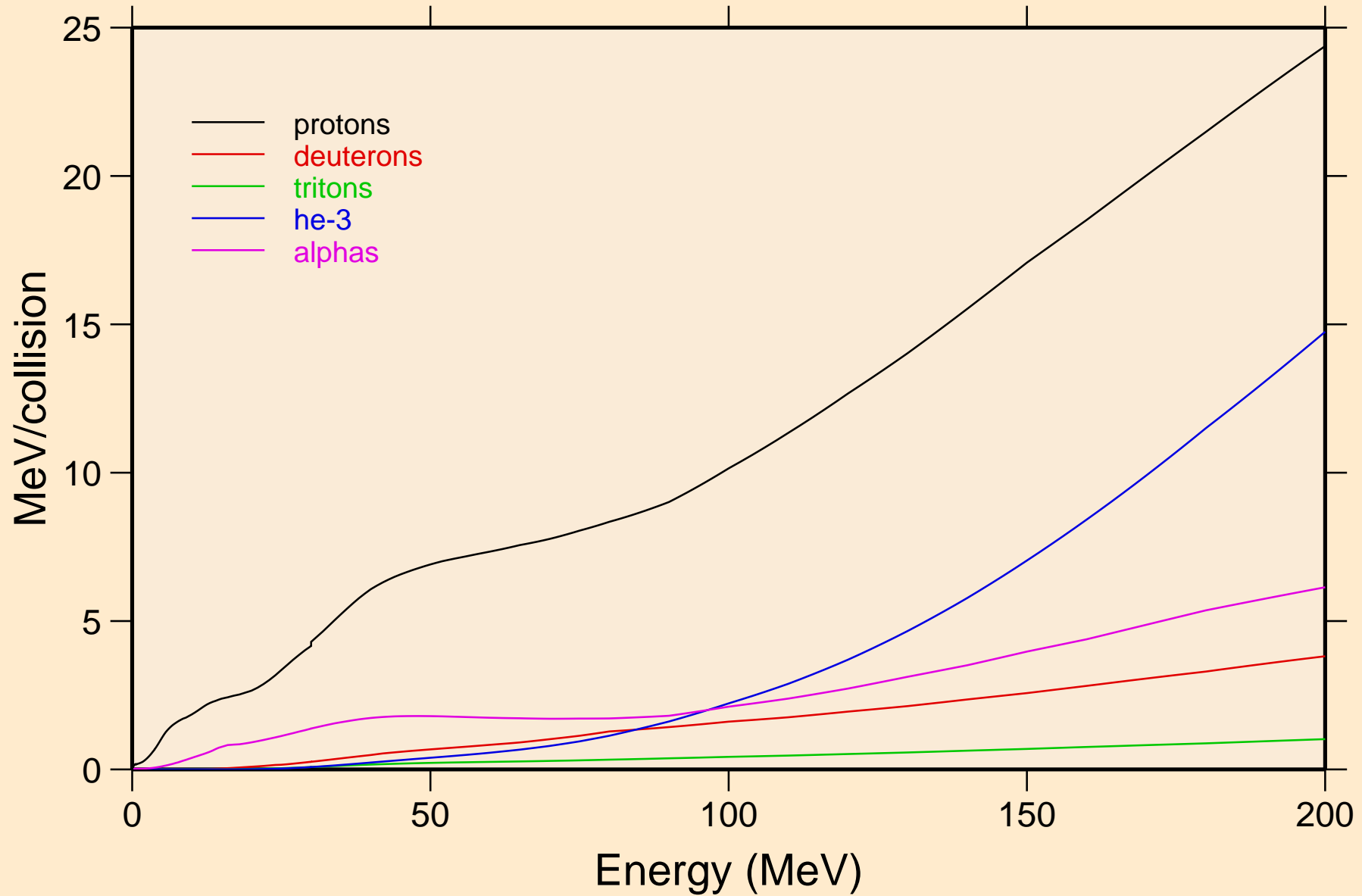


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

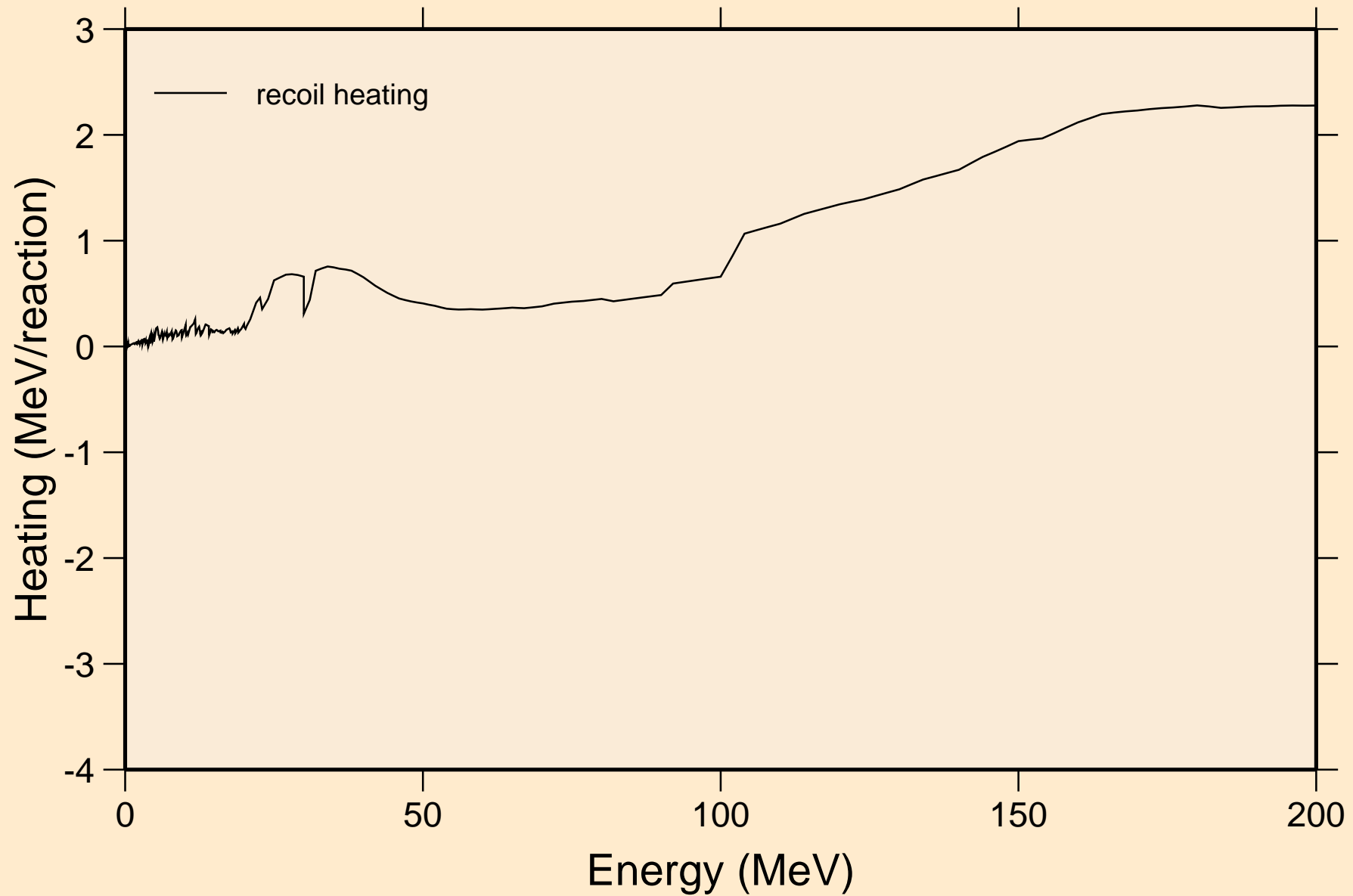


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



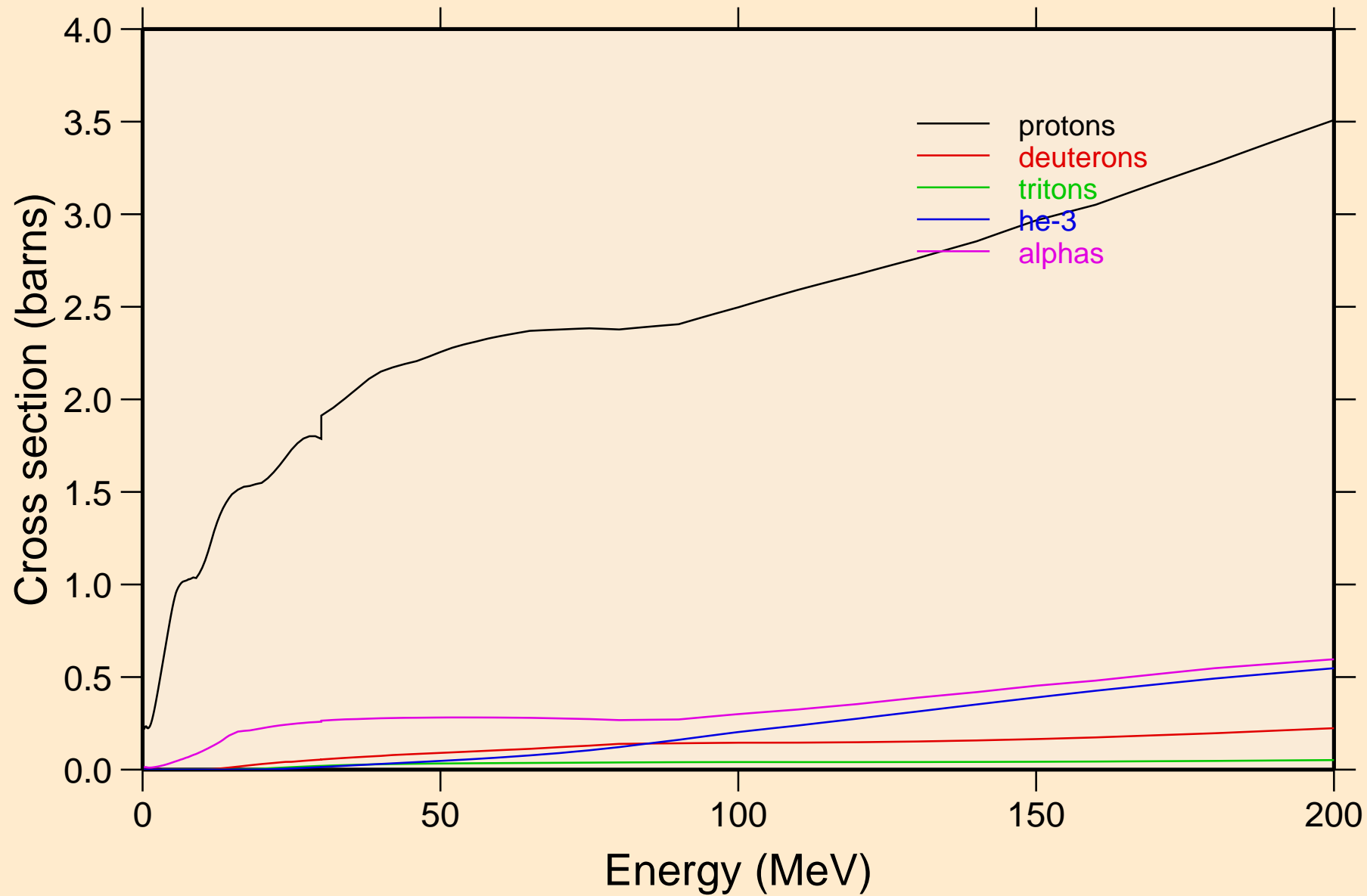
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



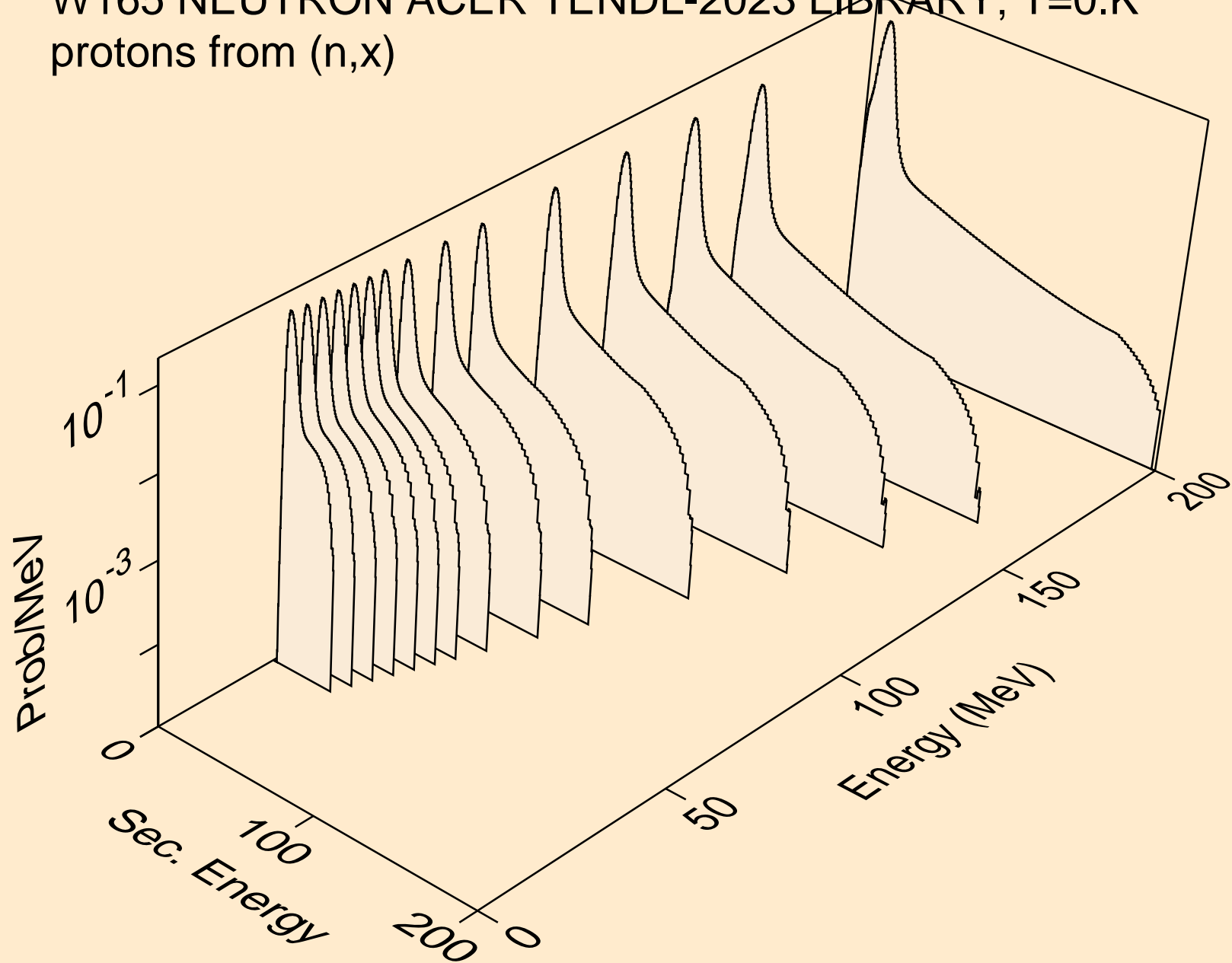


# W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

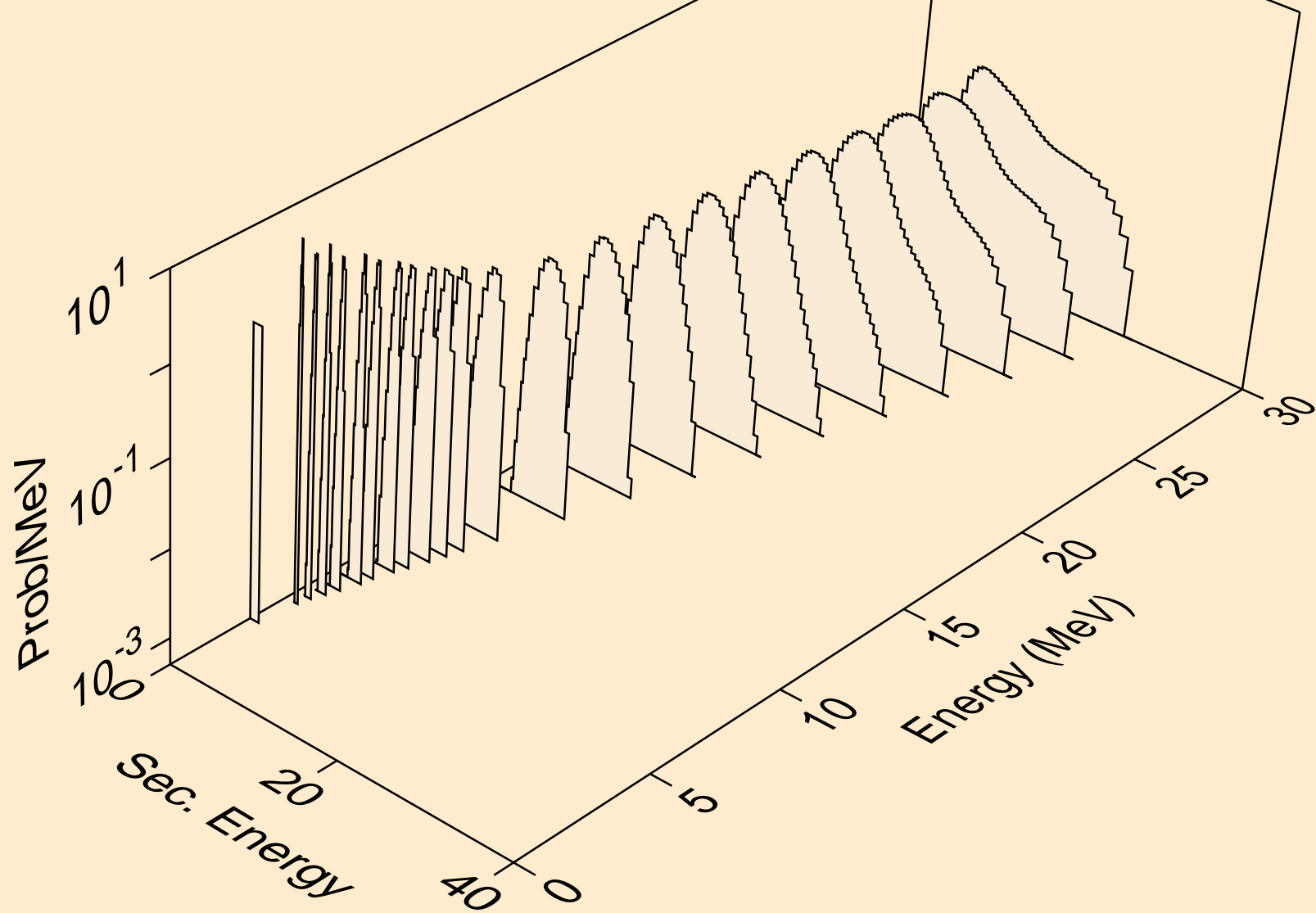
## Particle production cross sections



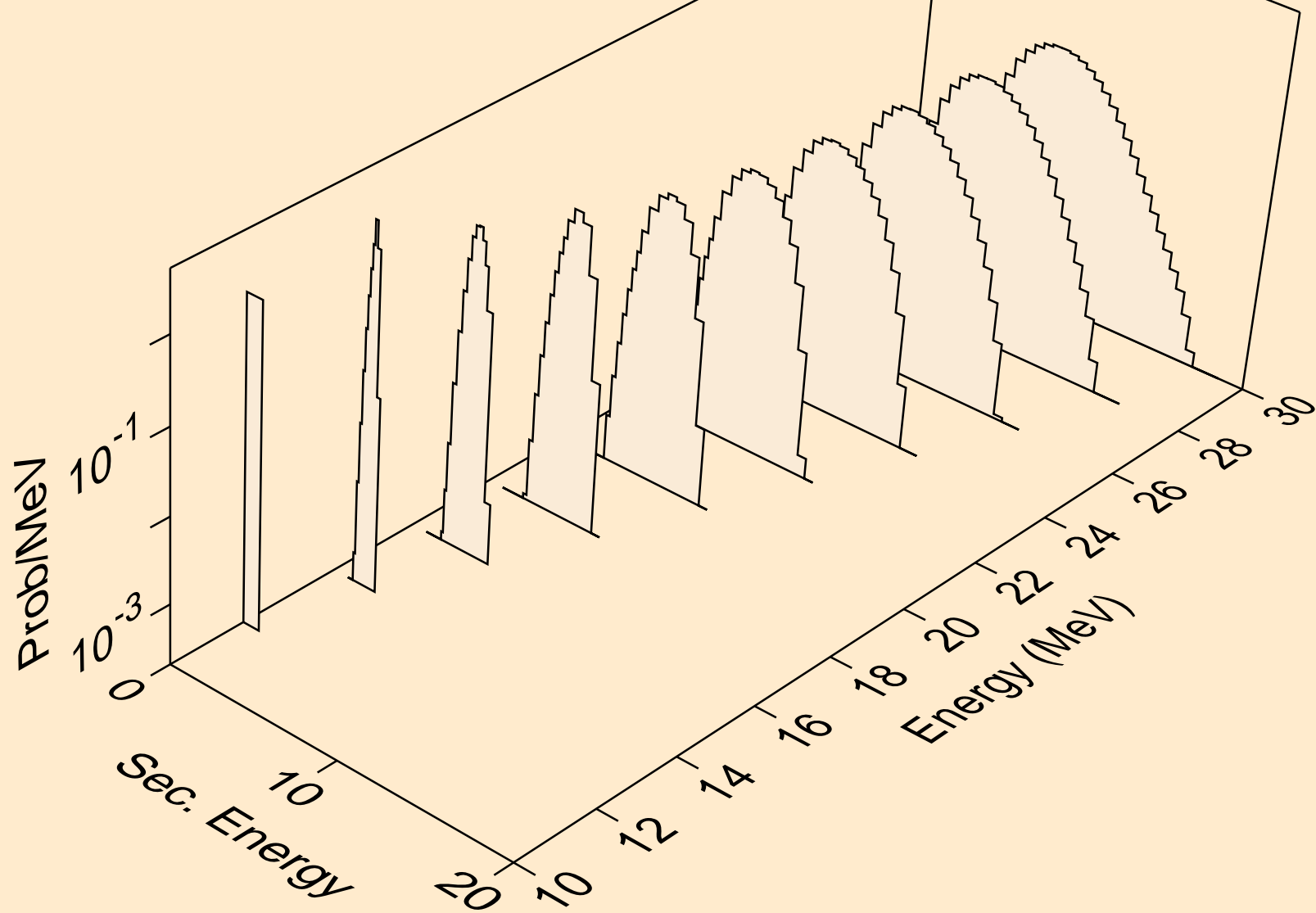
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



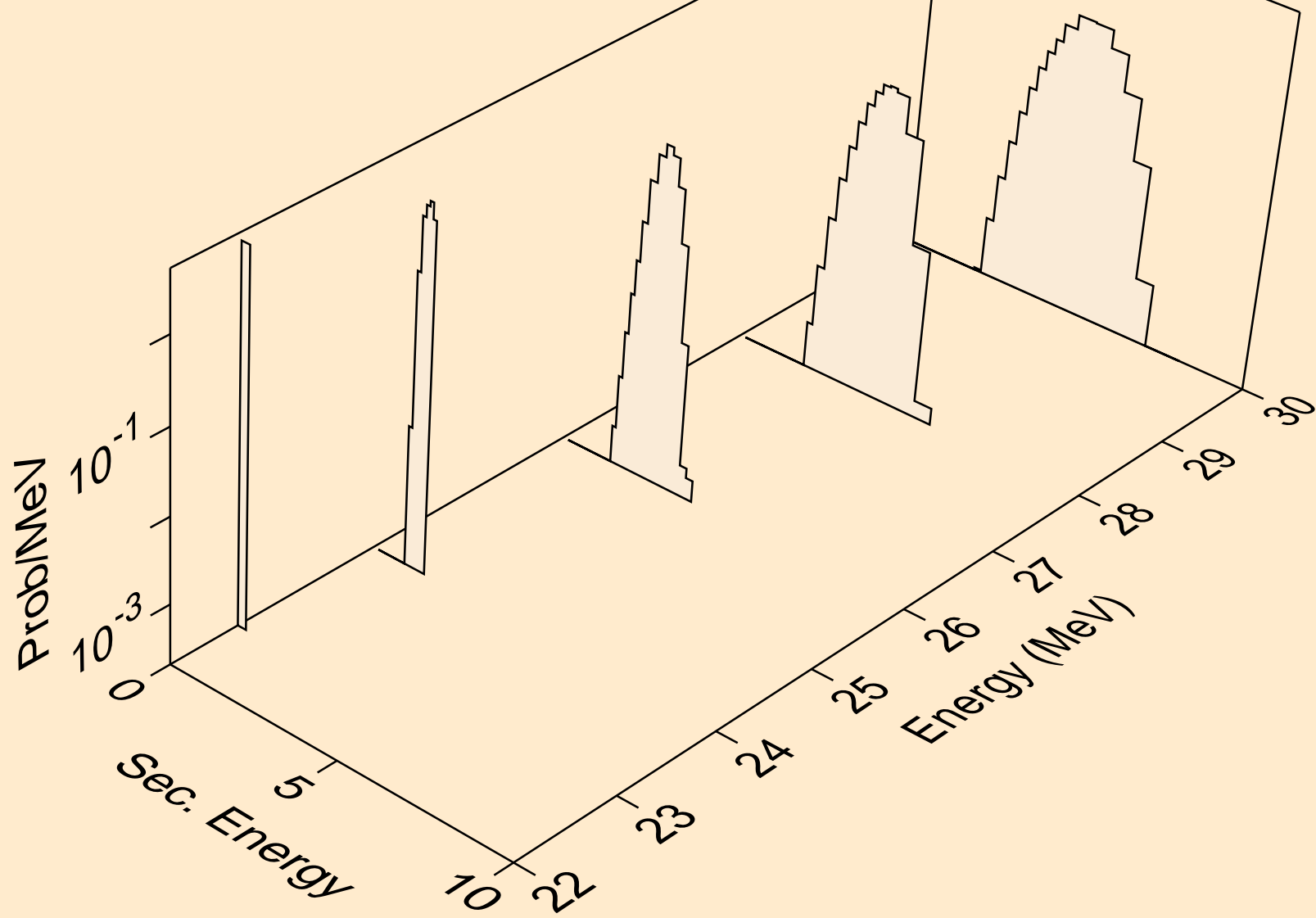
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



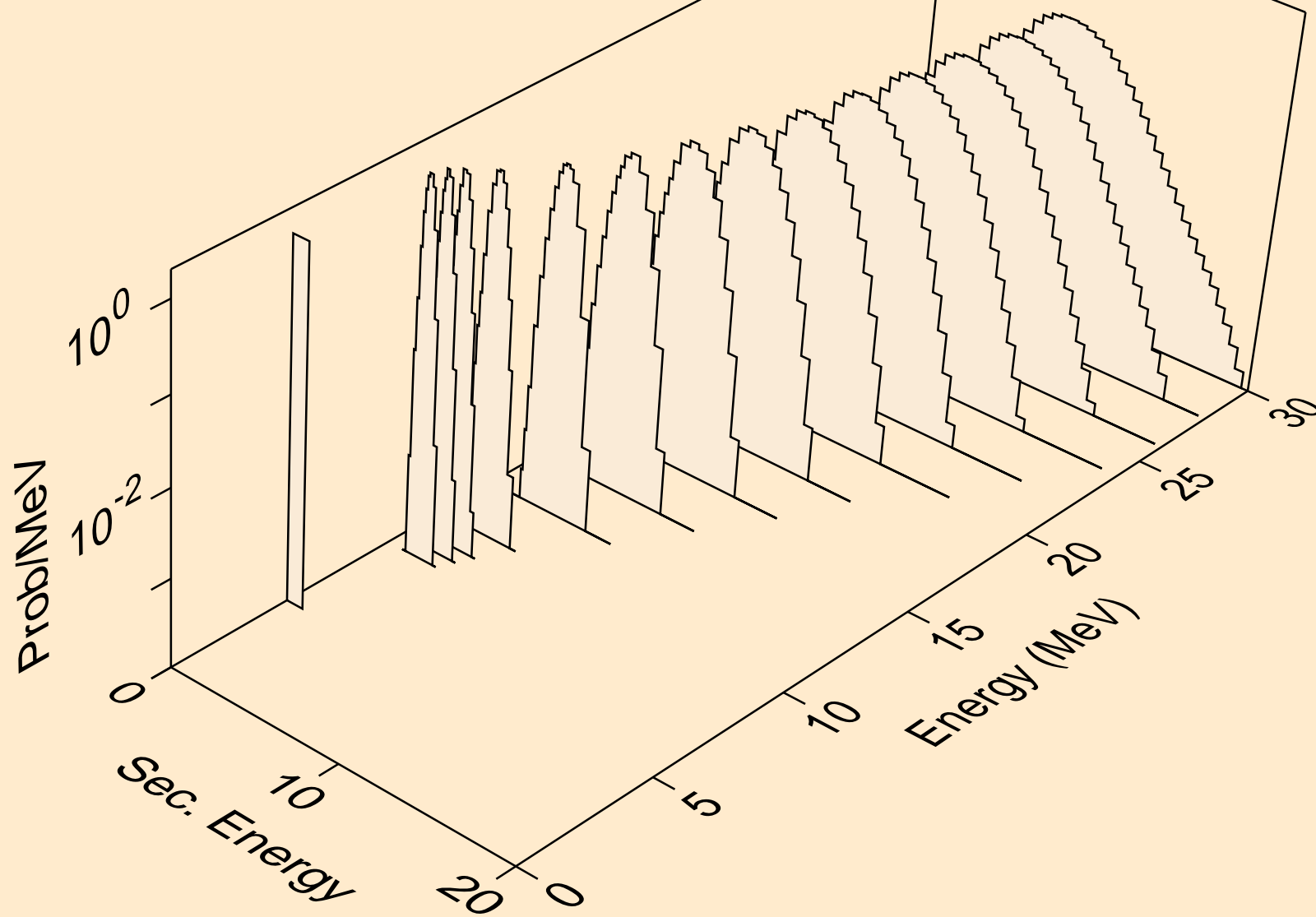
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



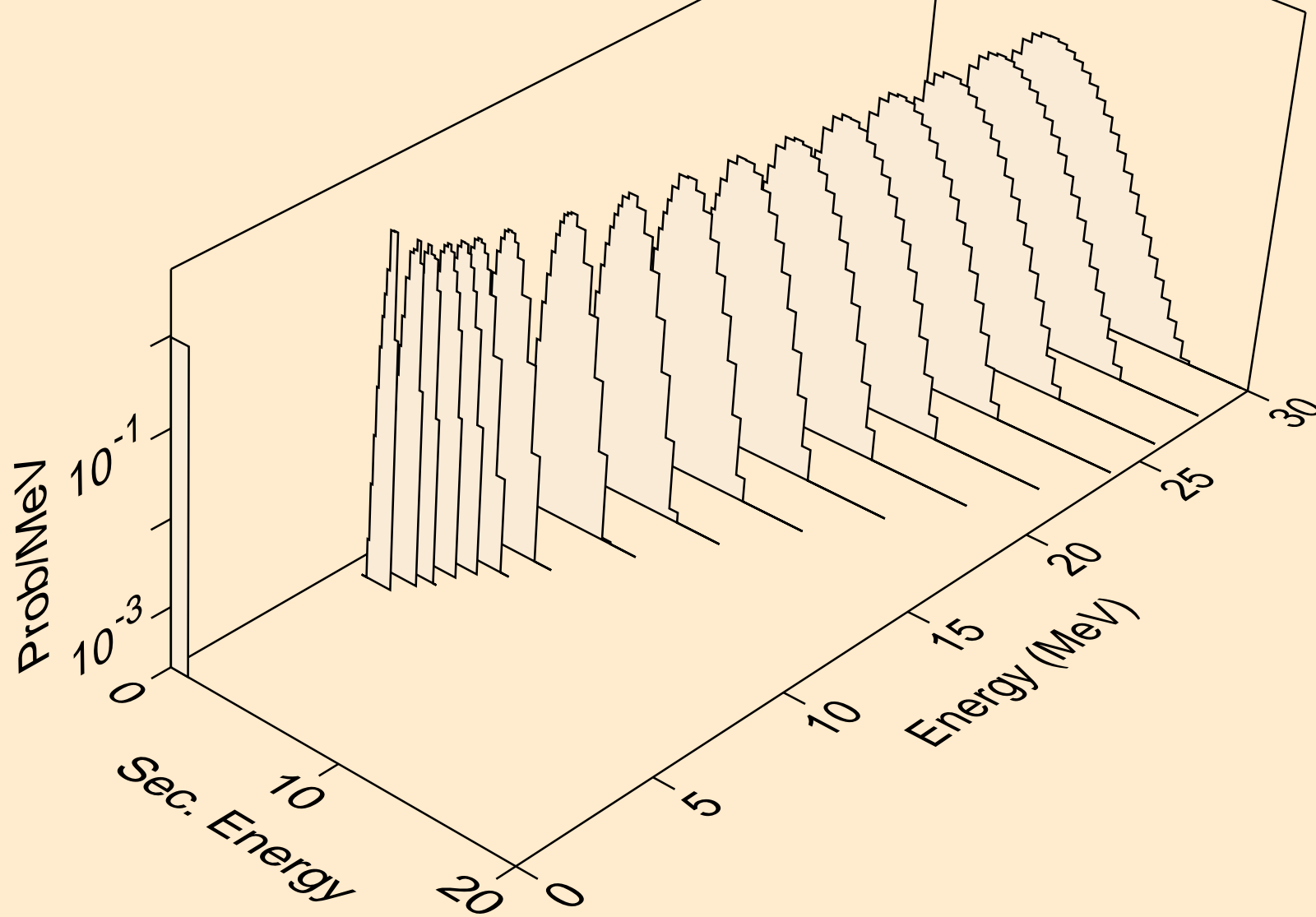
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



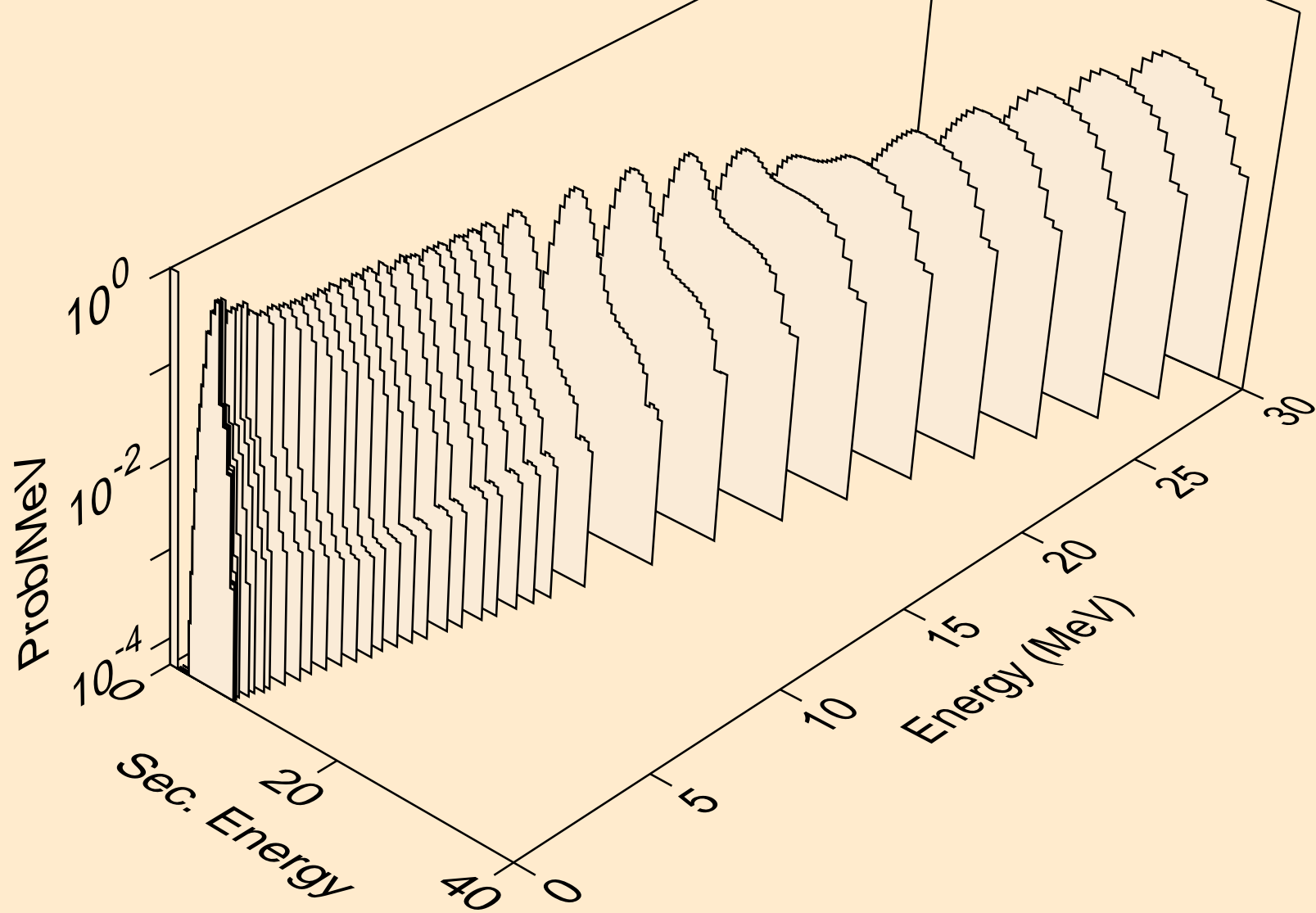
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

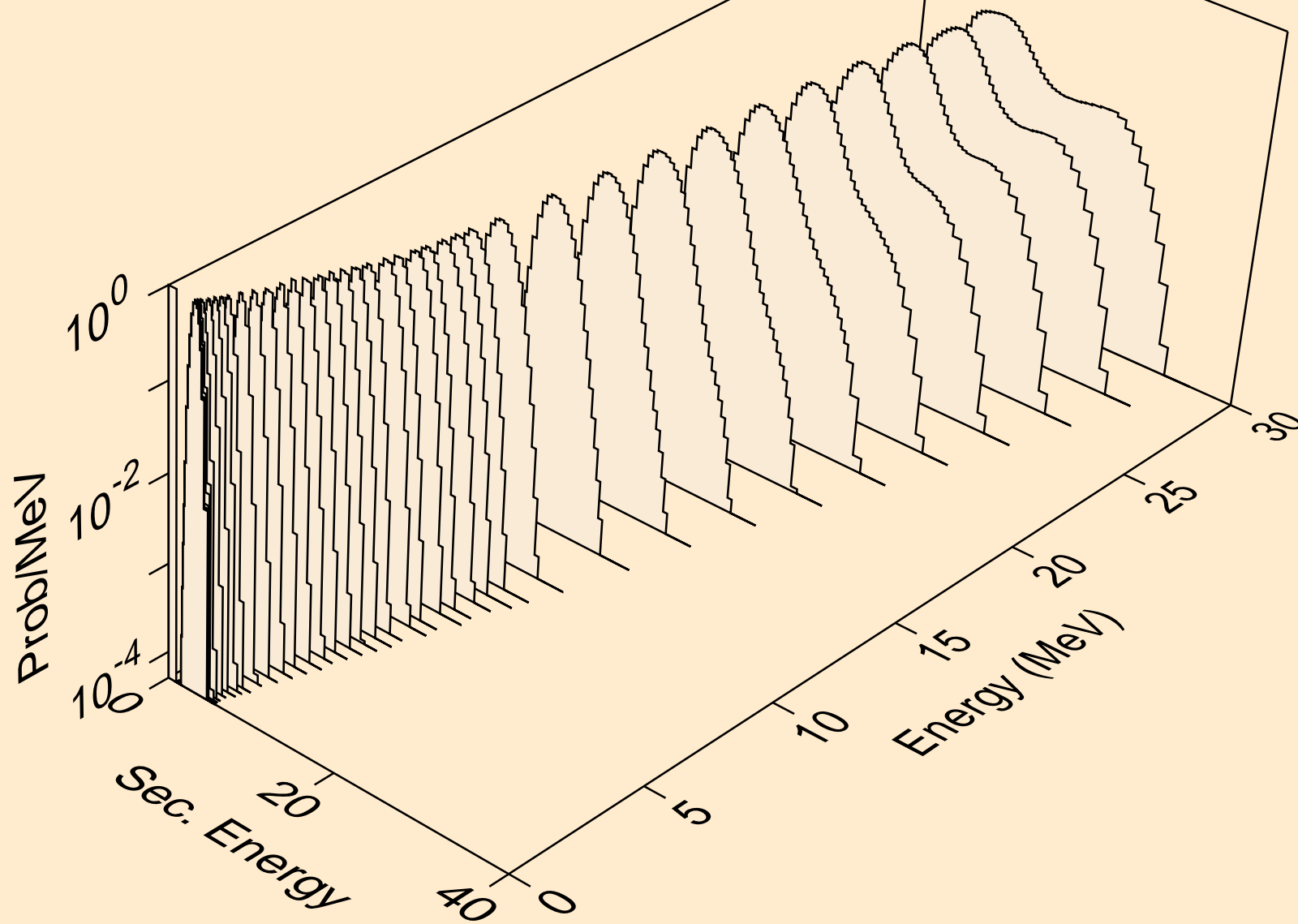


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

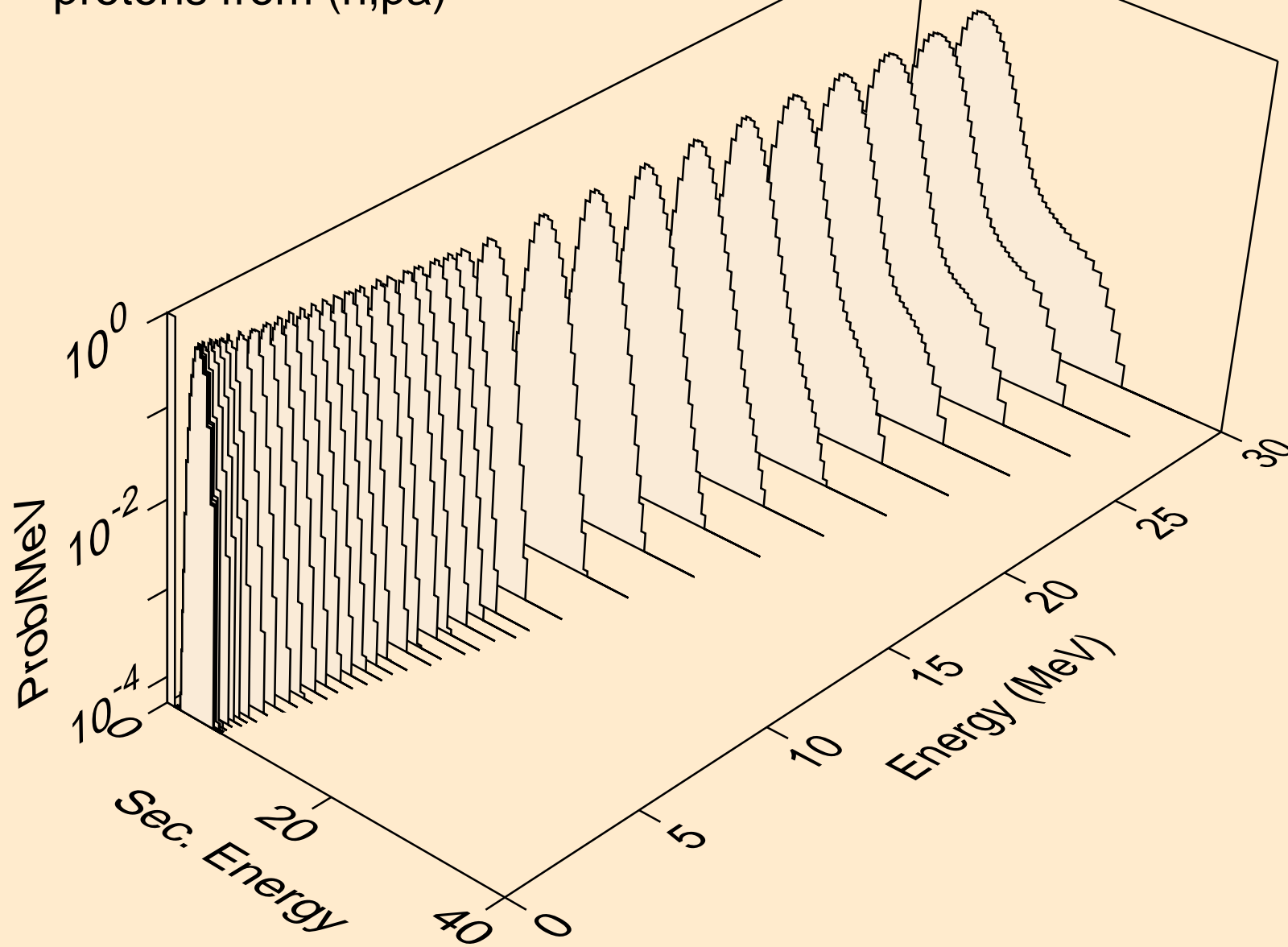




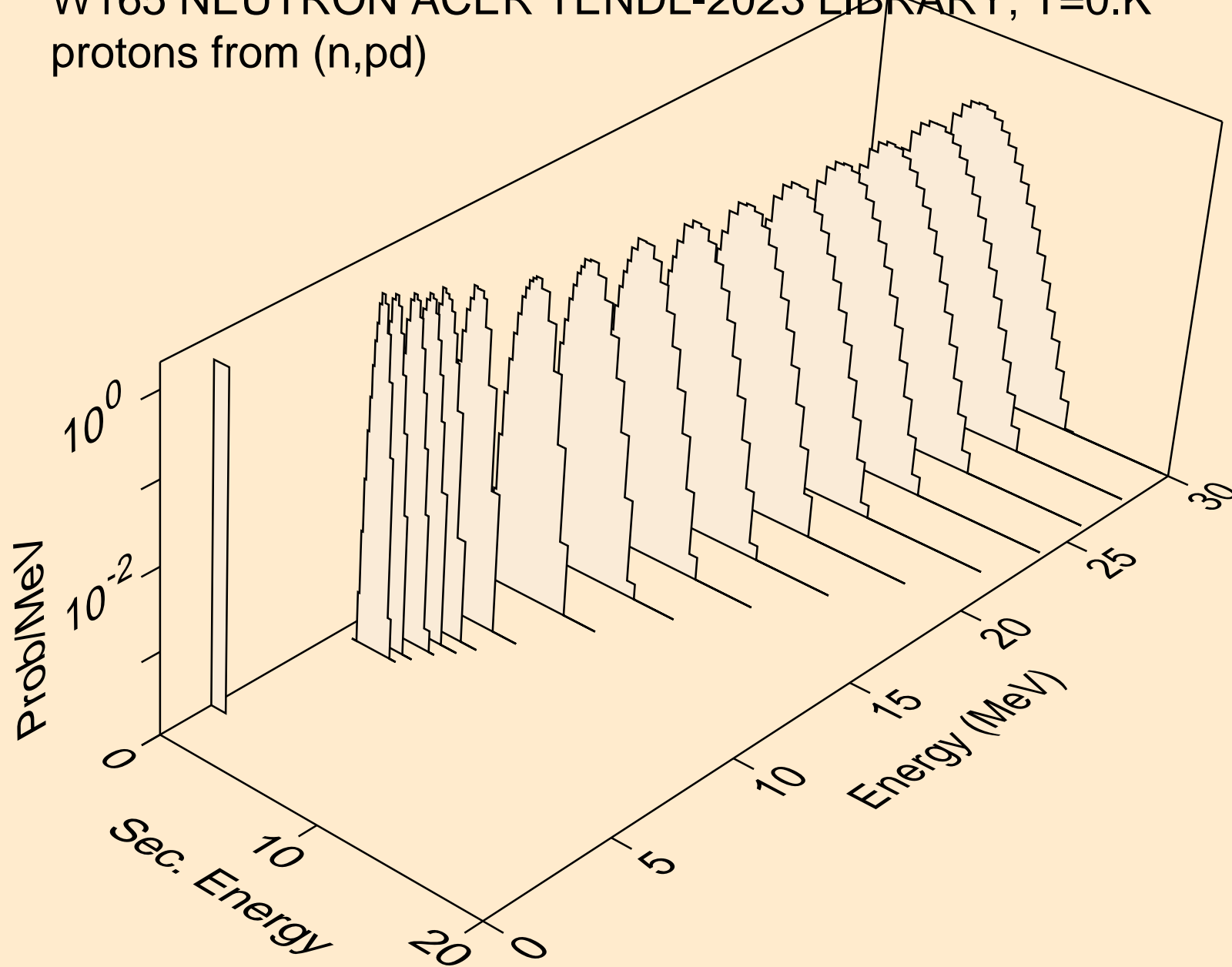
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



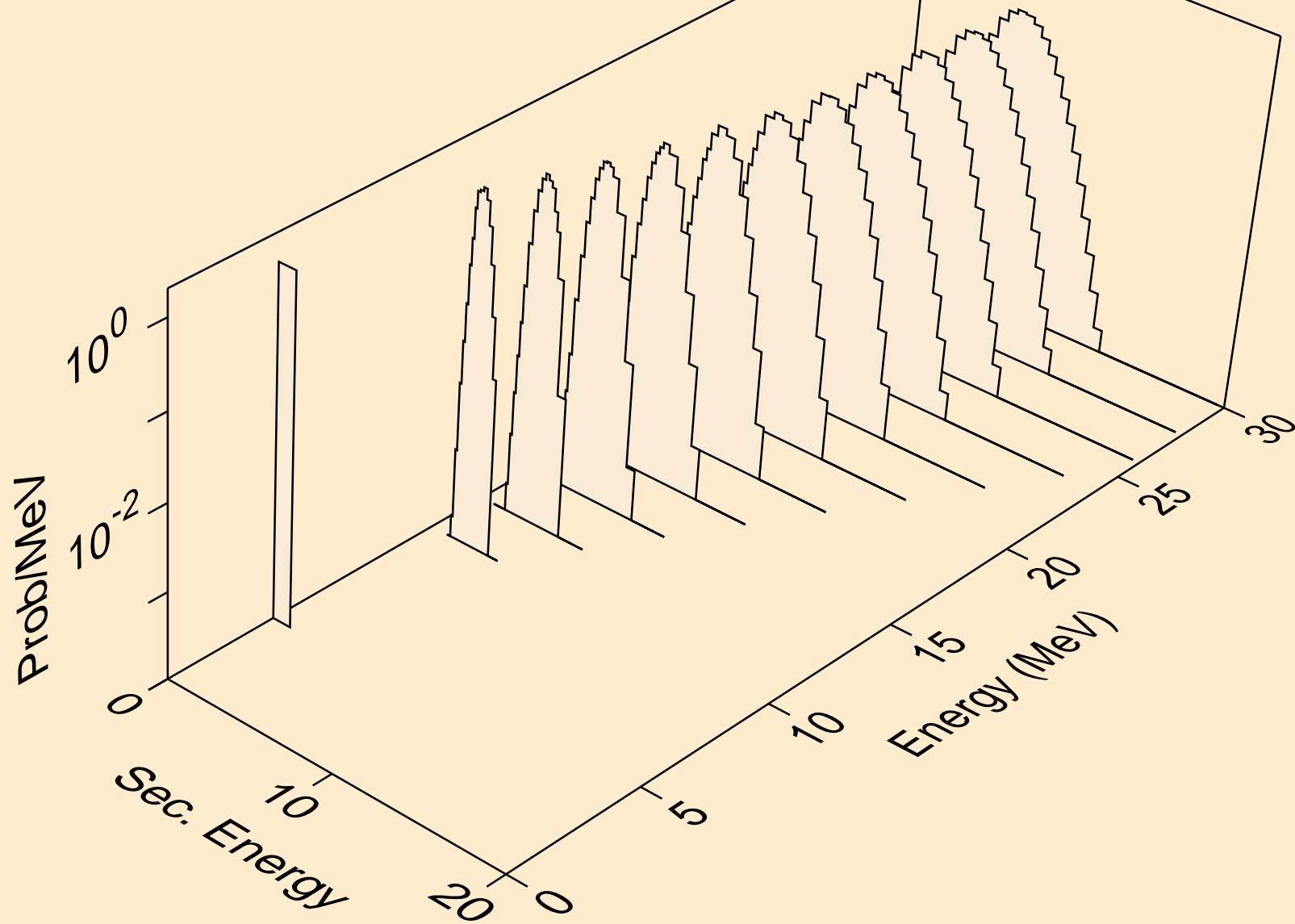
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



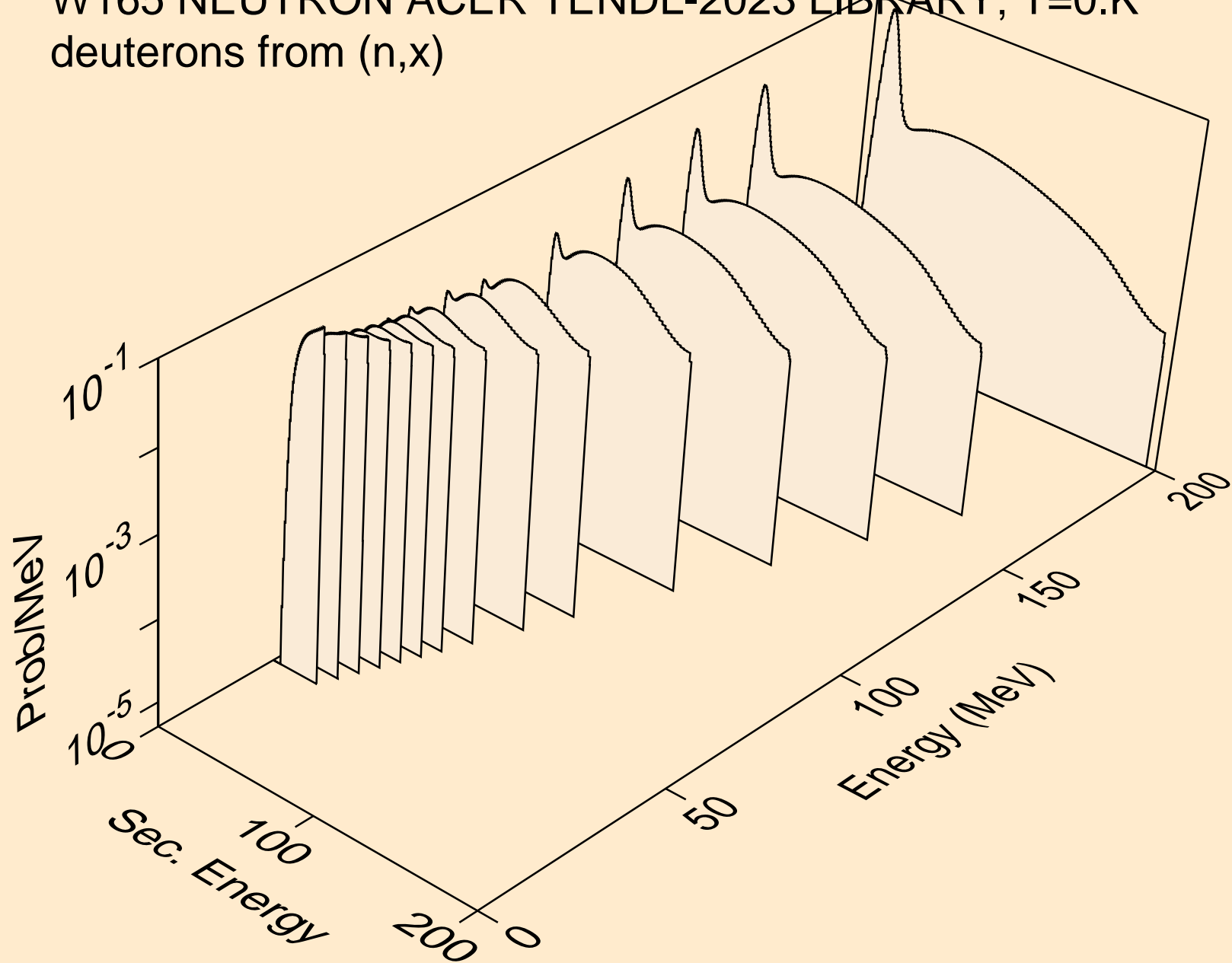
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



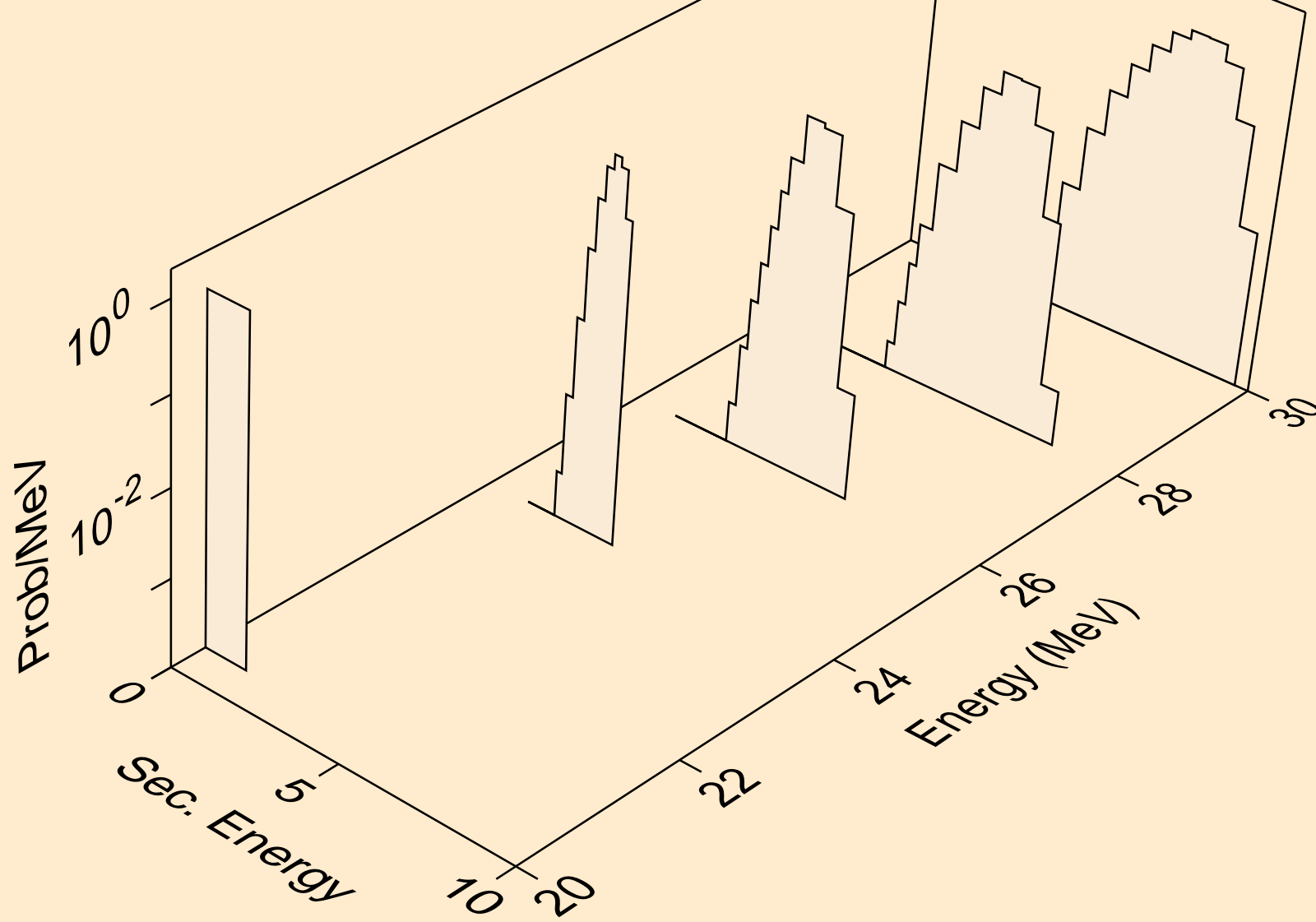
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



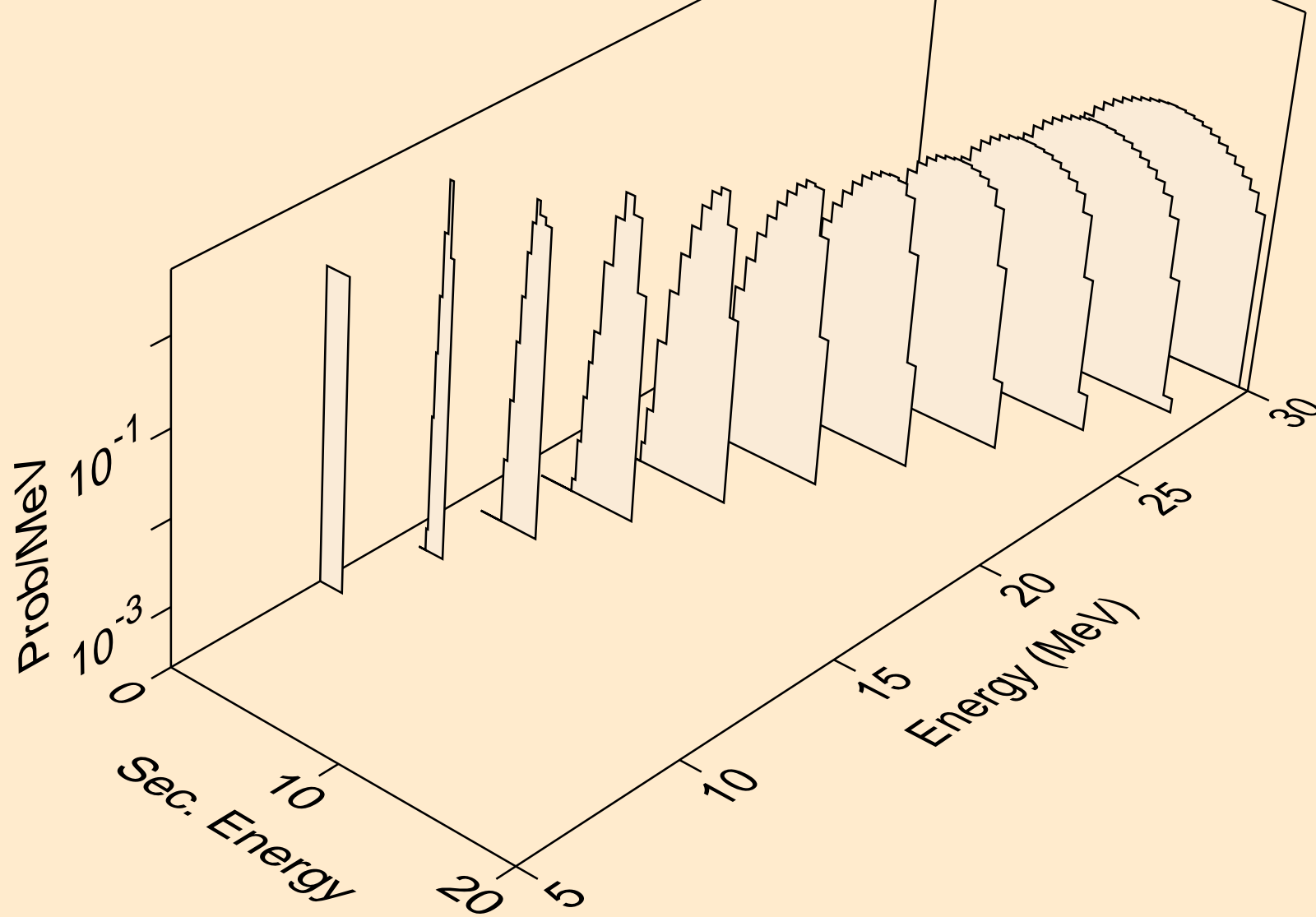
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



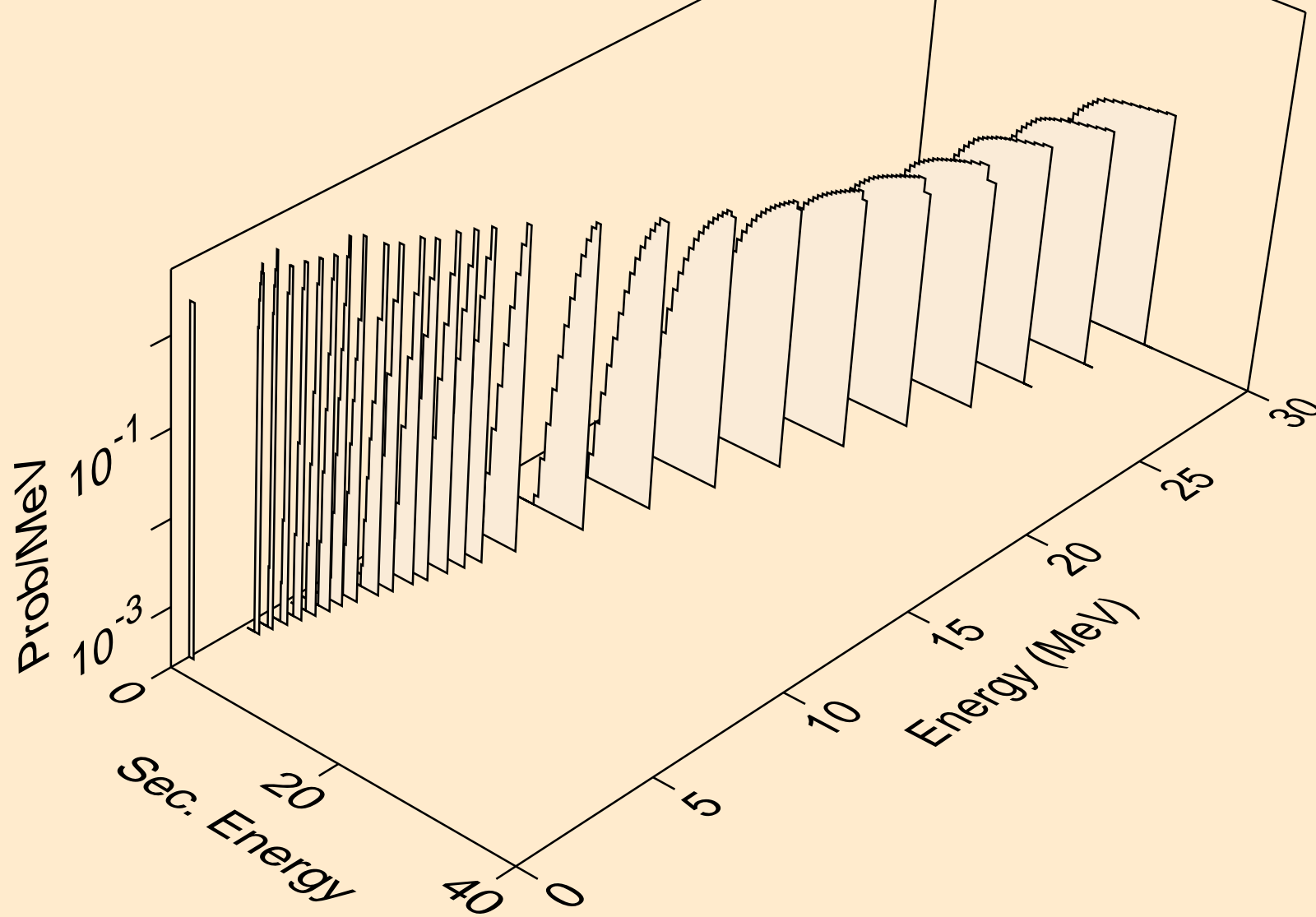
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

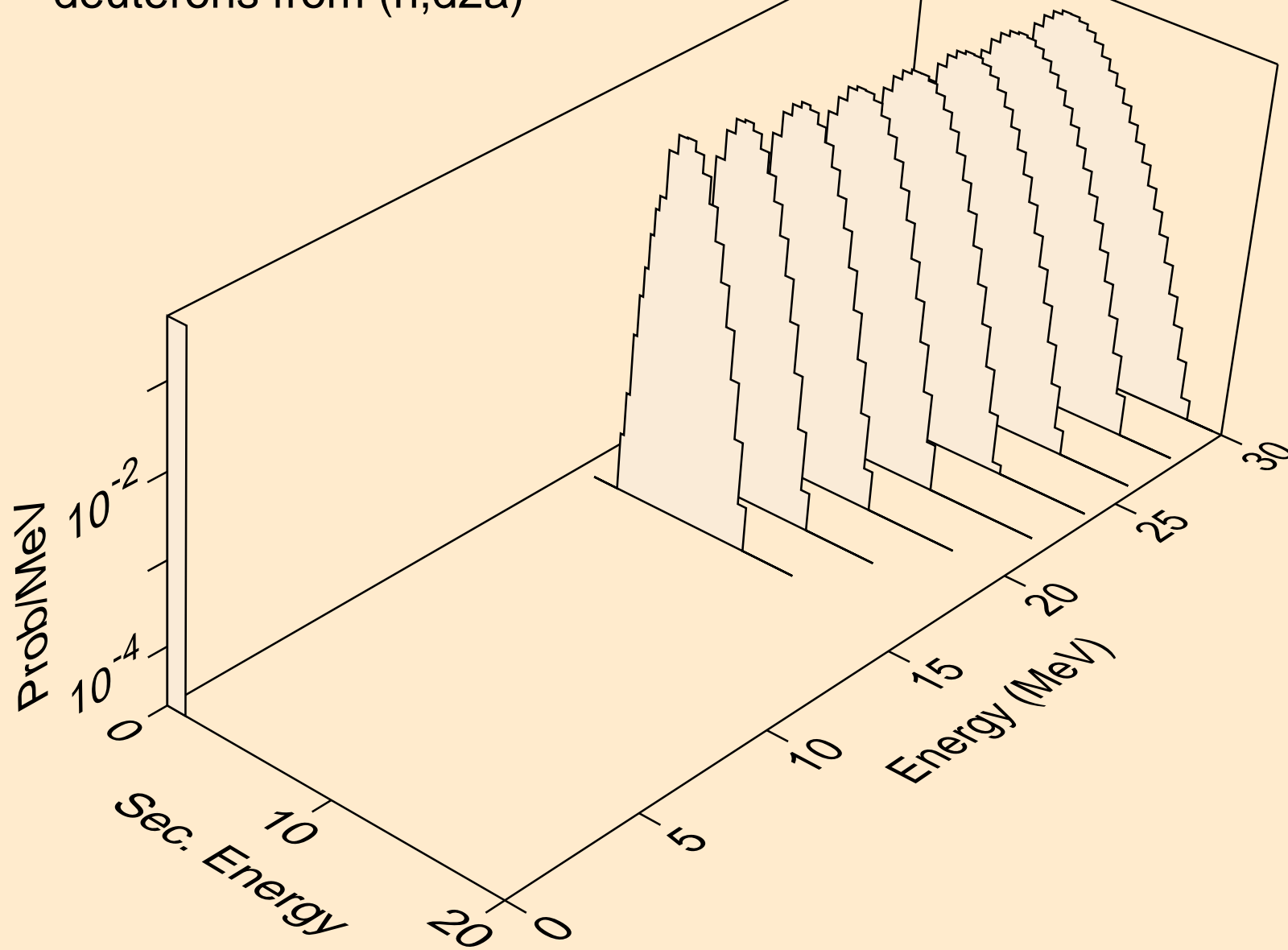


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

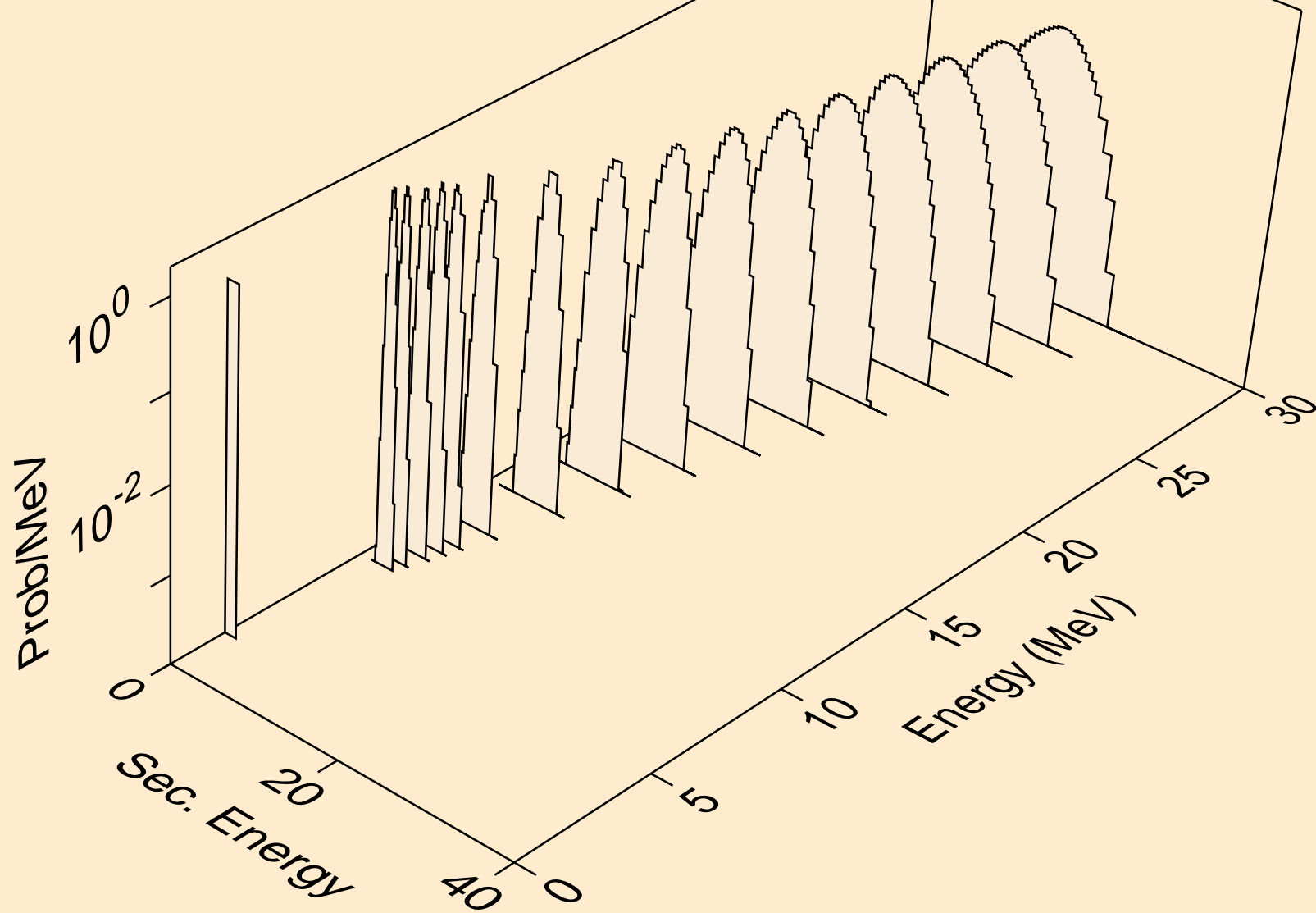




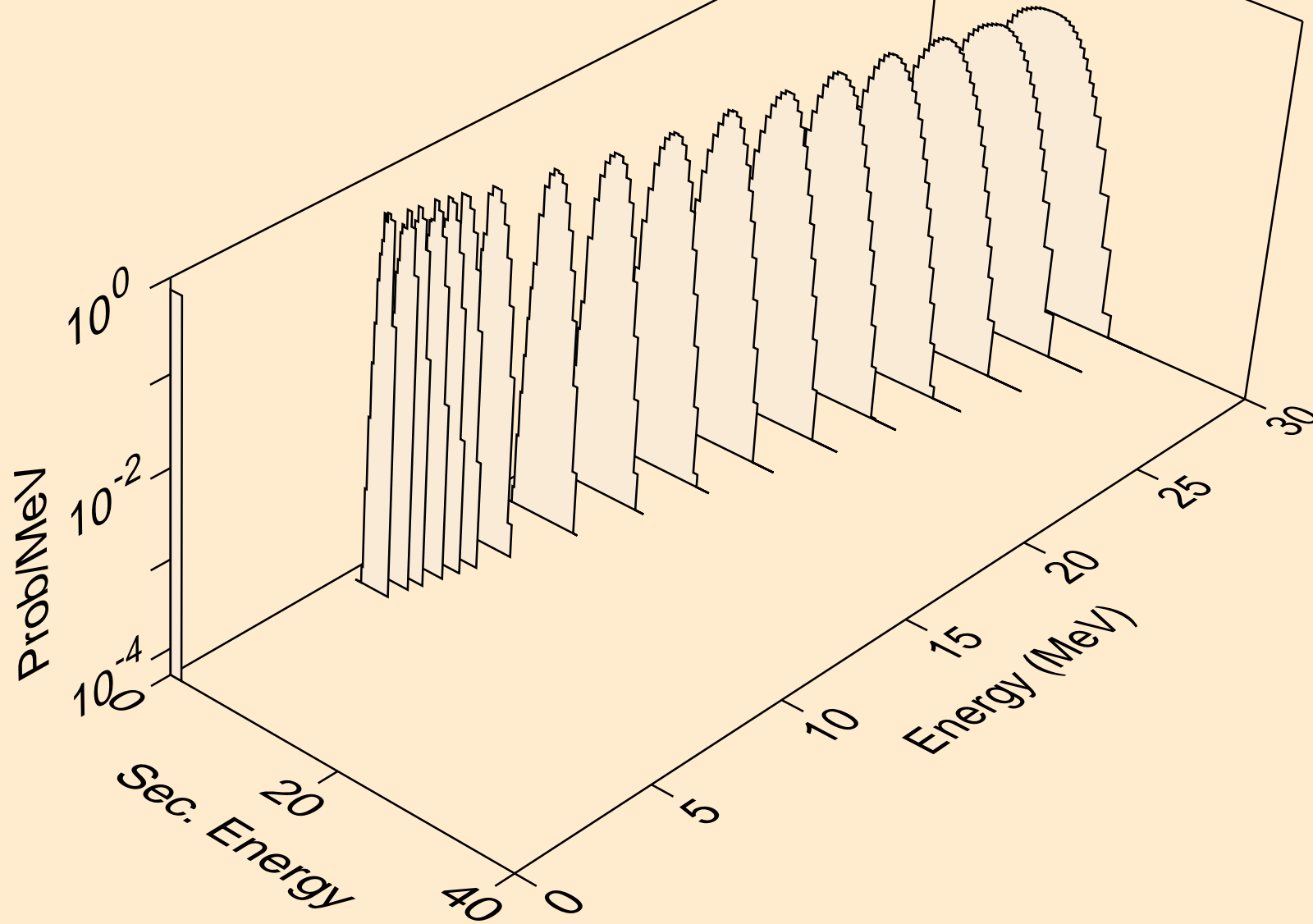
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d2a)



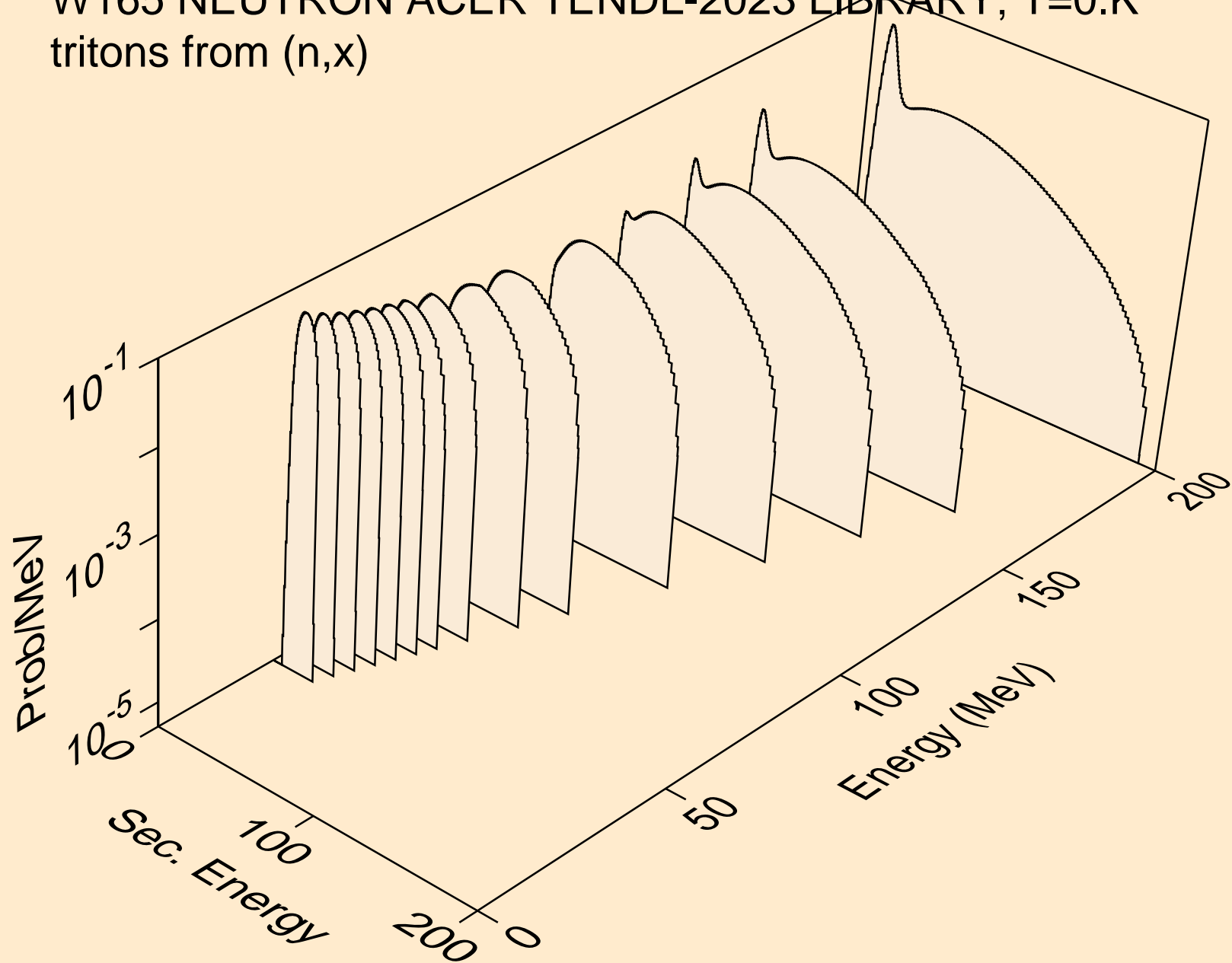
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



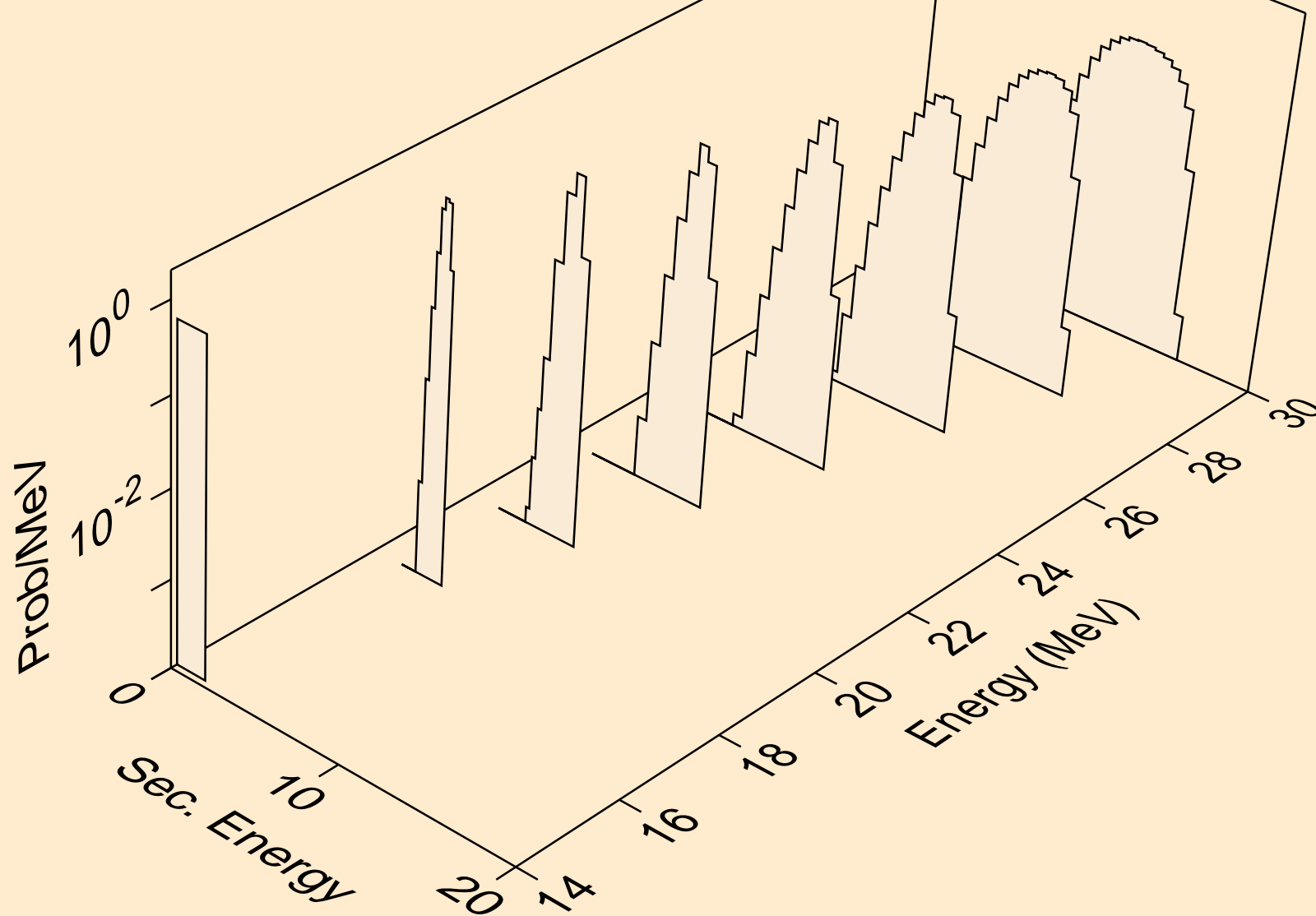
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



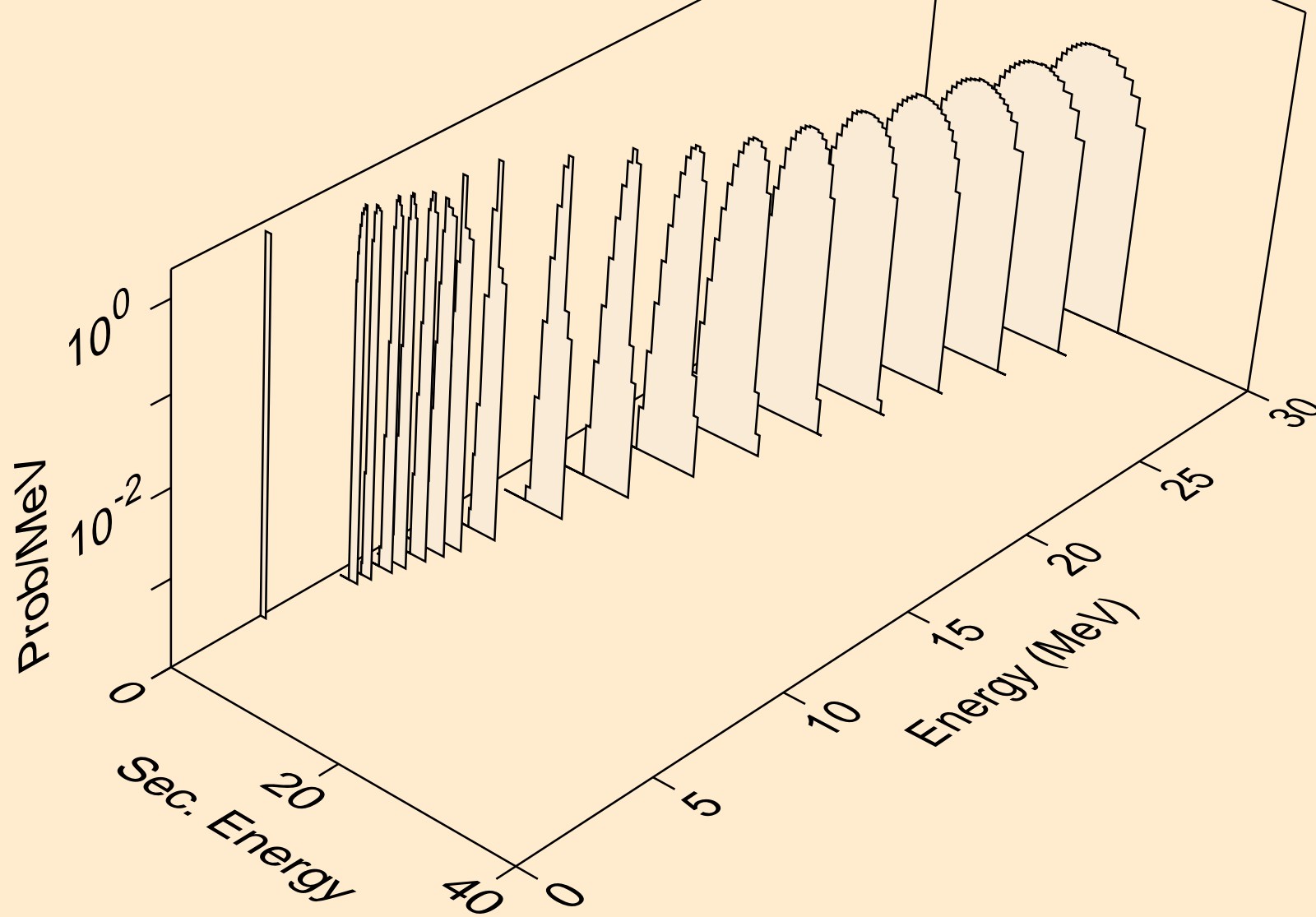
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



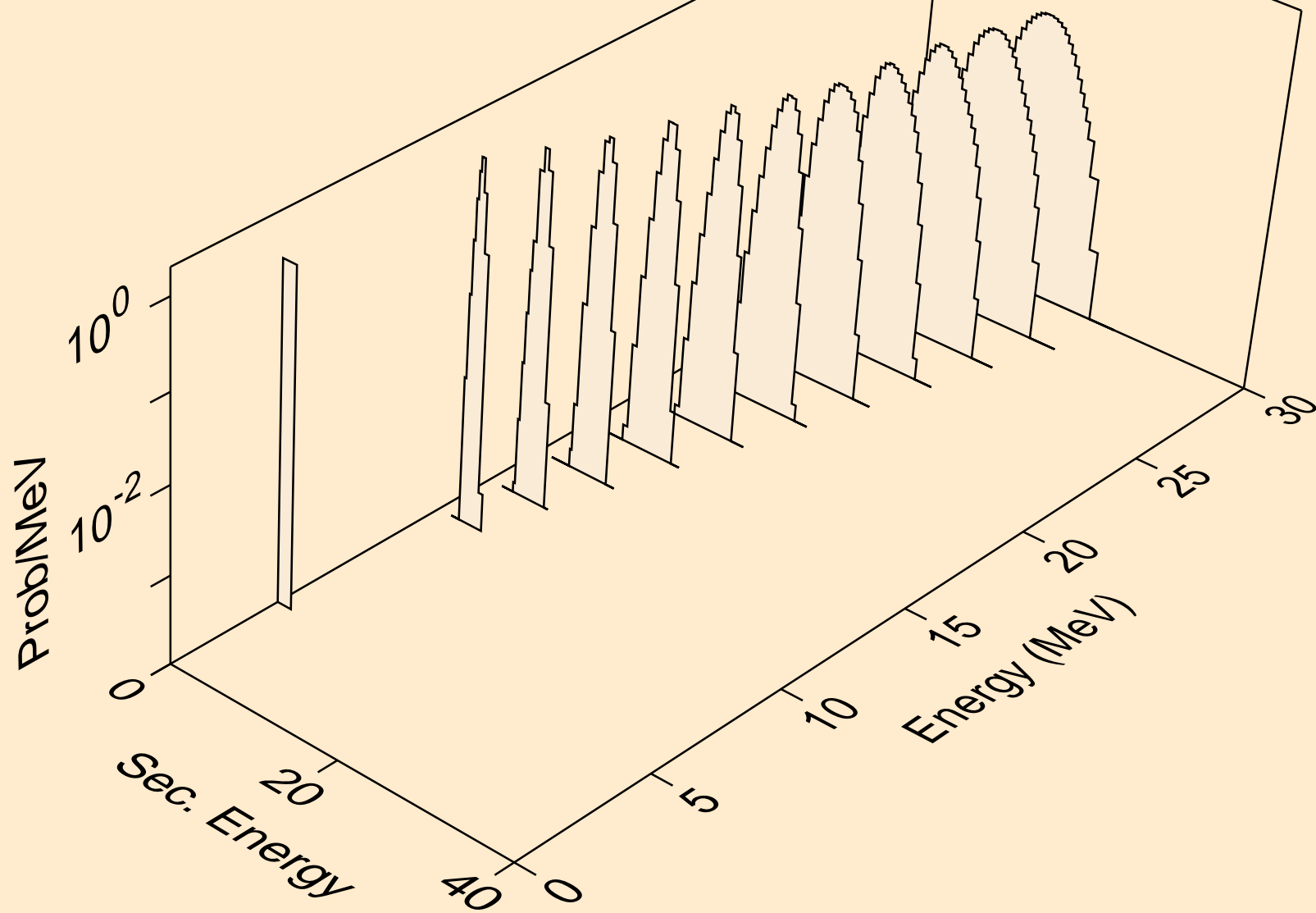
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



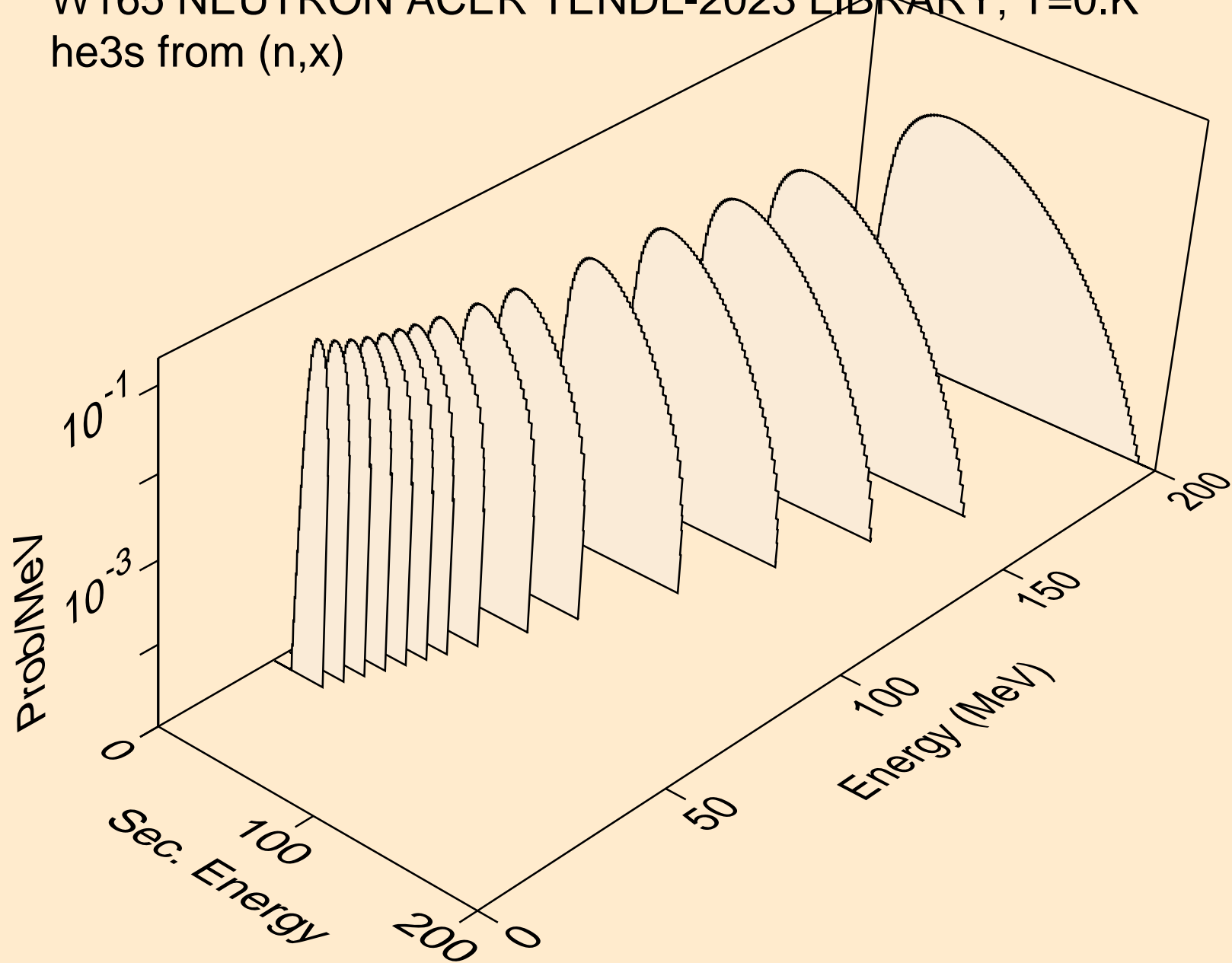
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

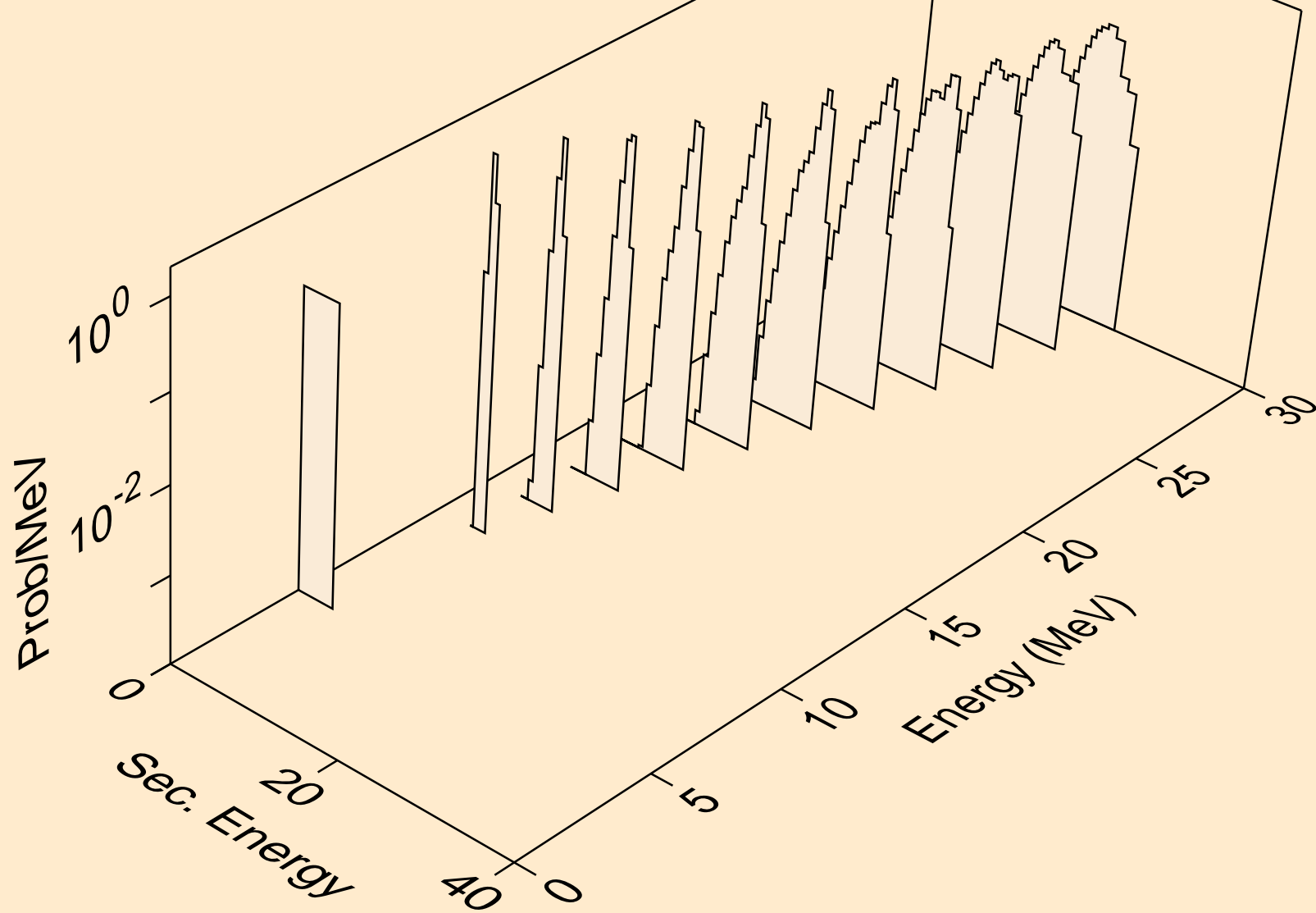


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

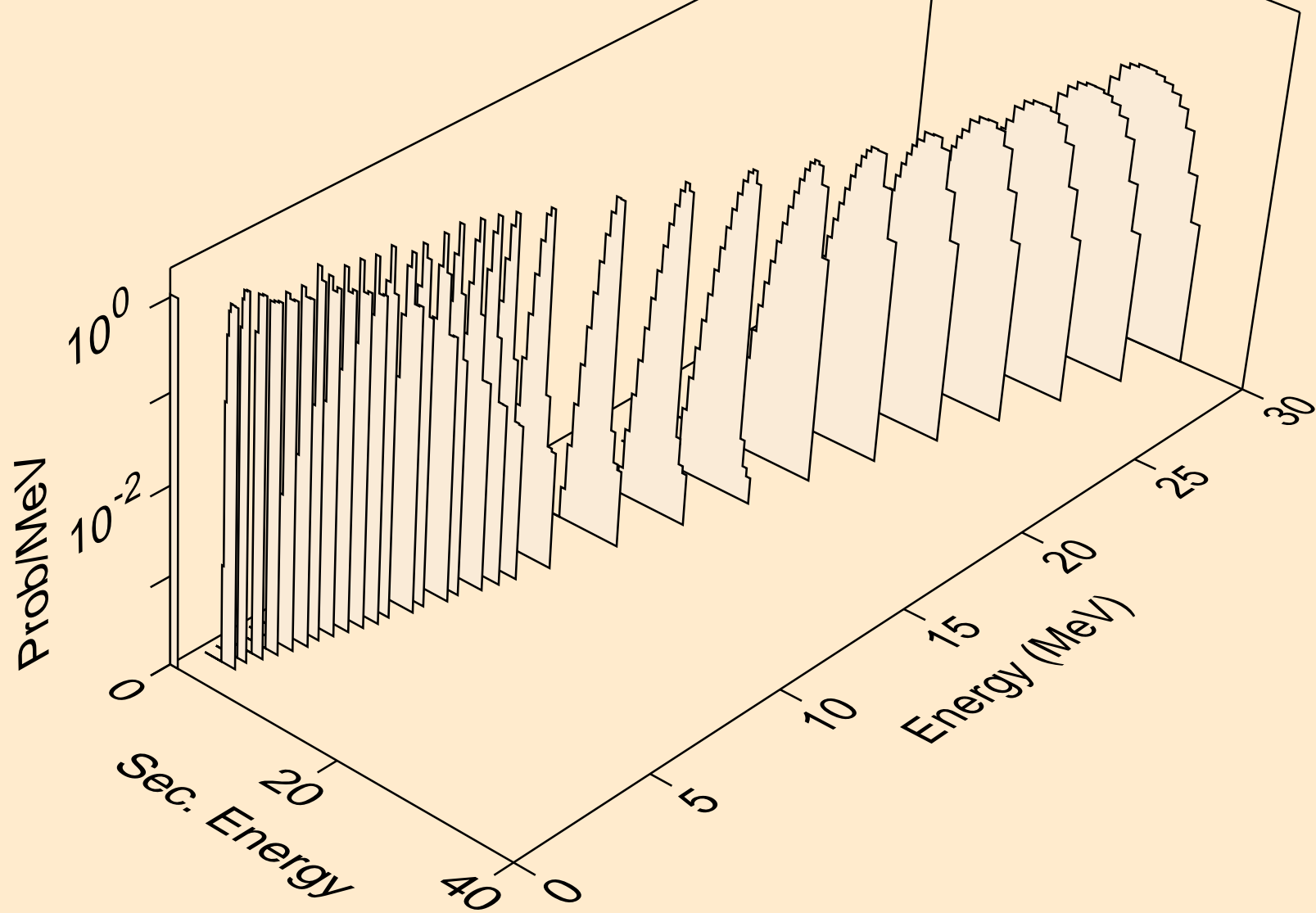




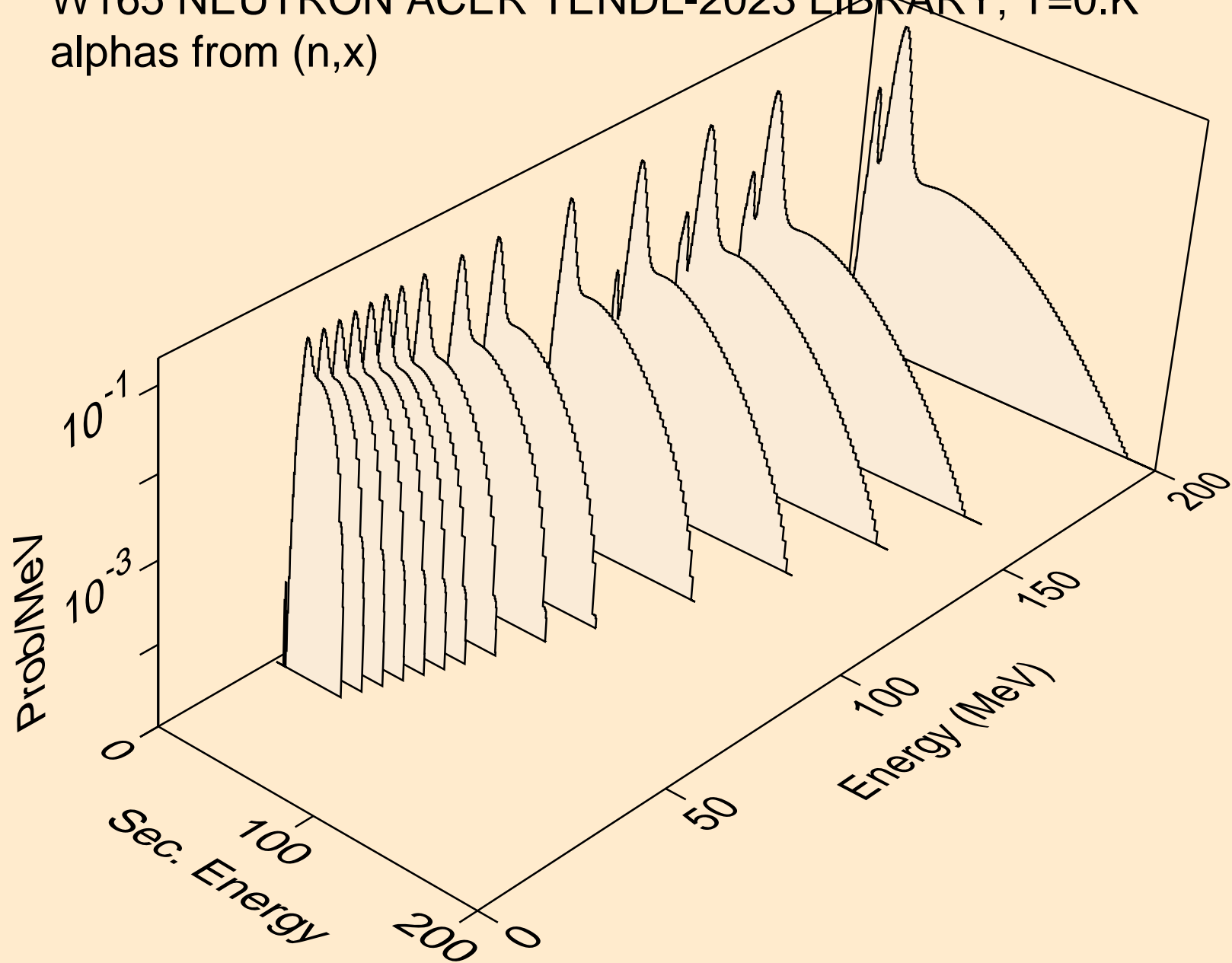
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



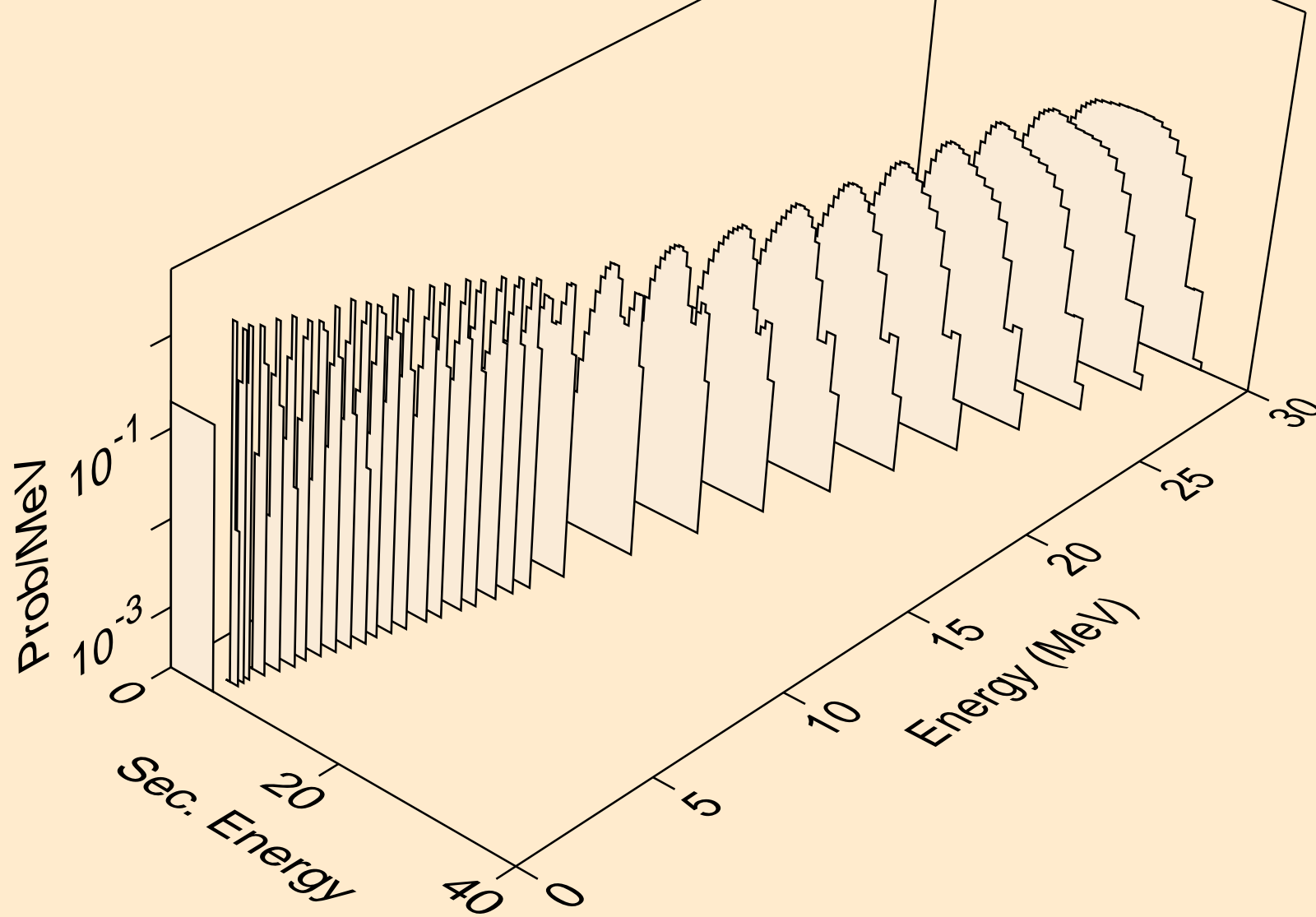
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



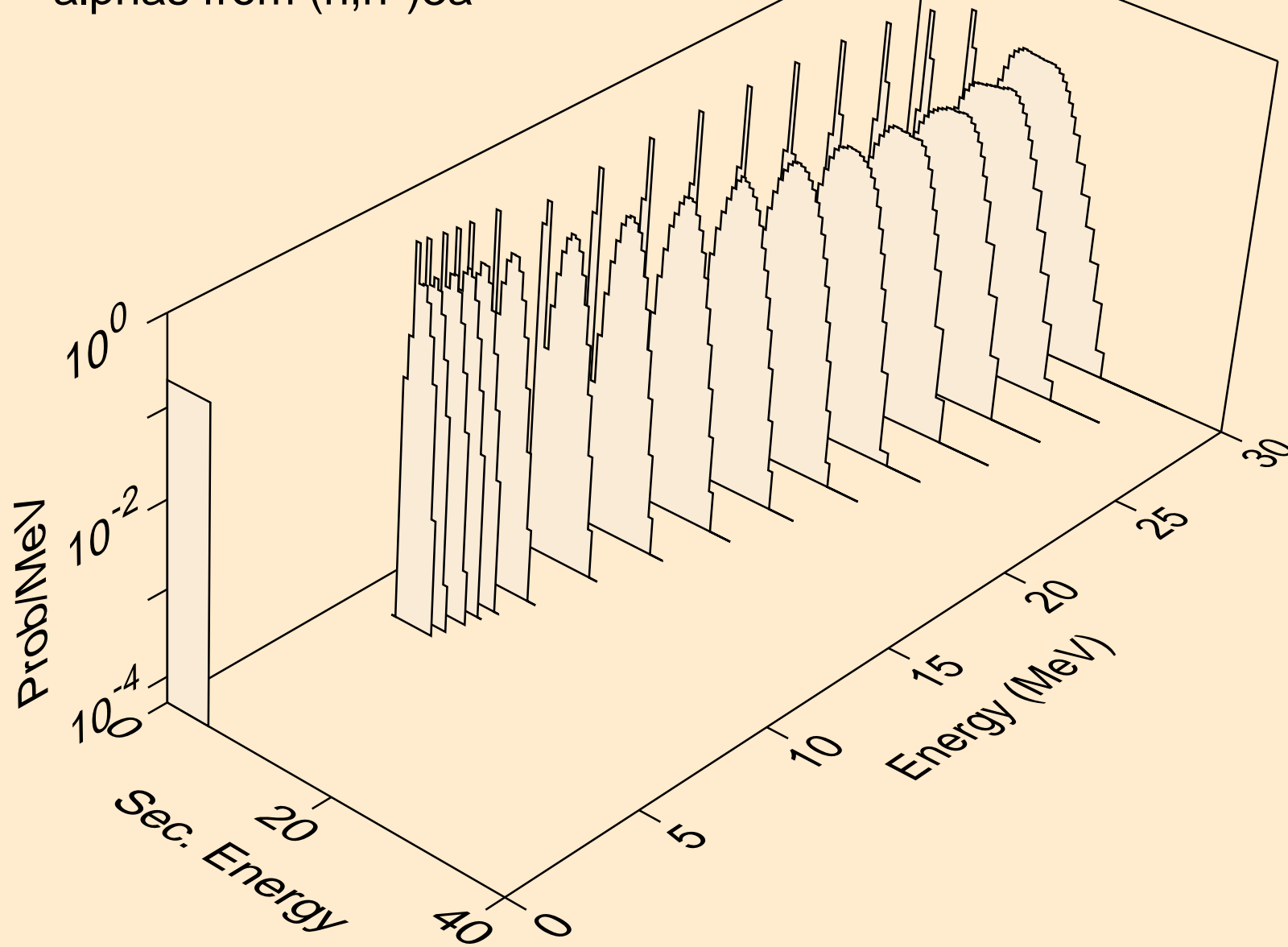
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



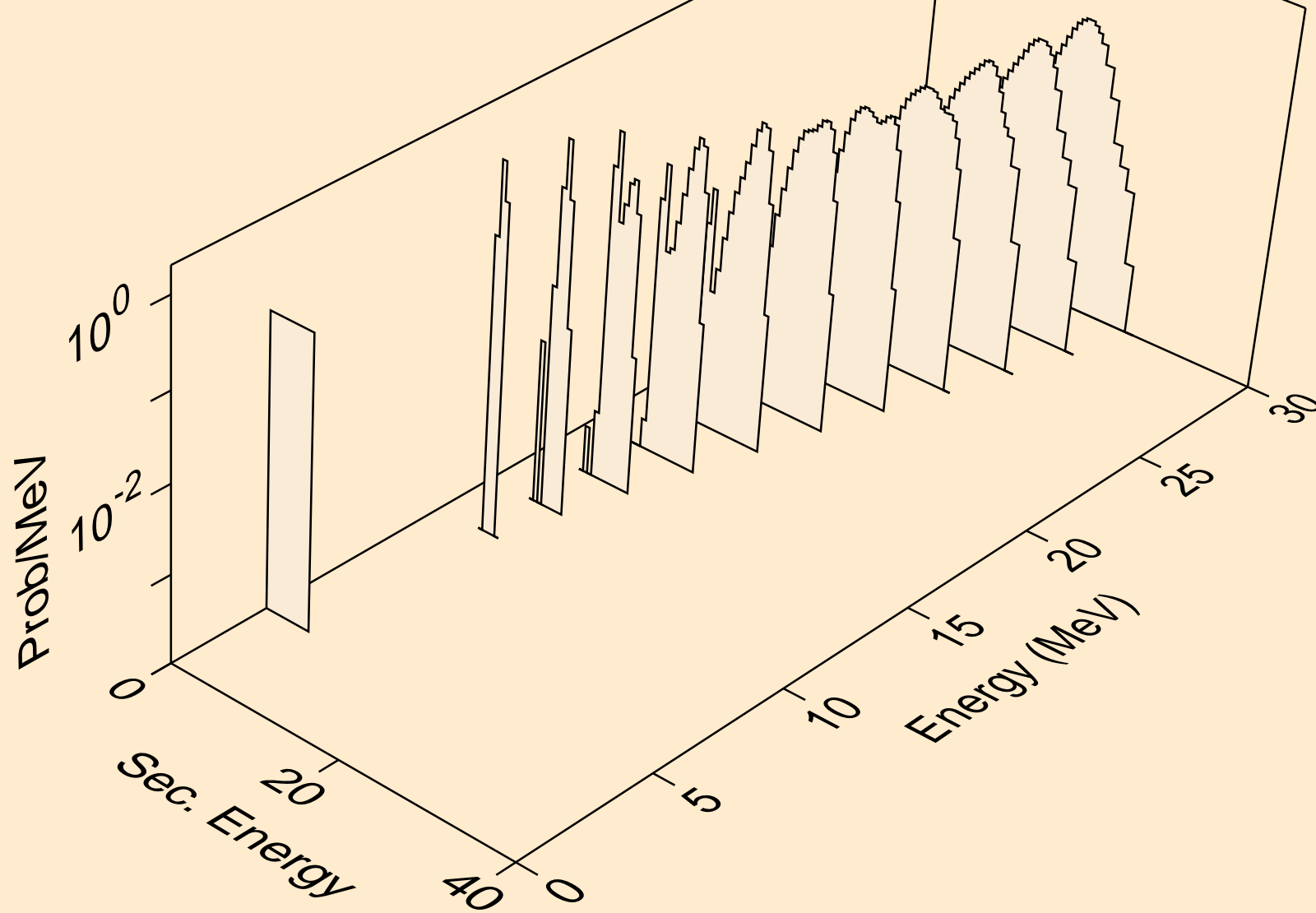
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



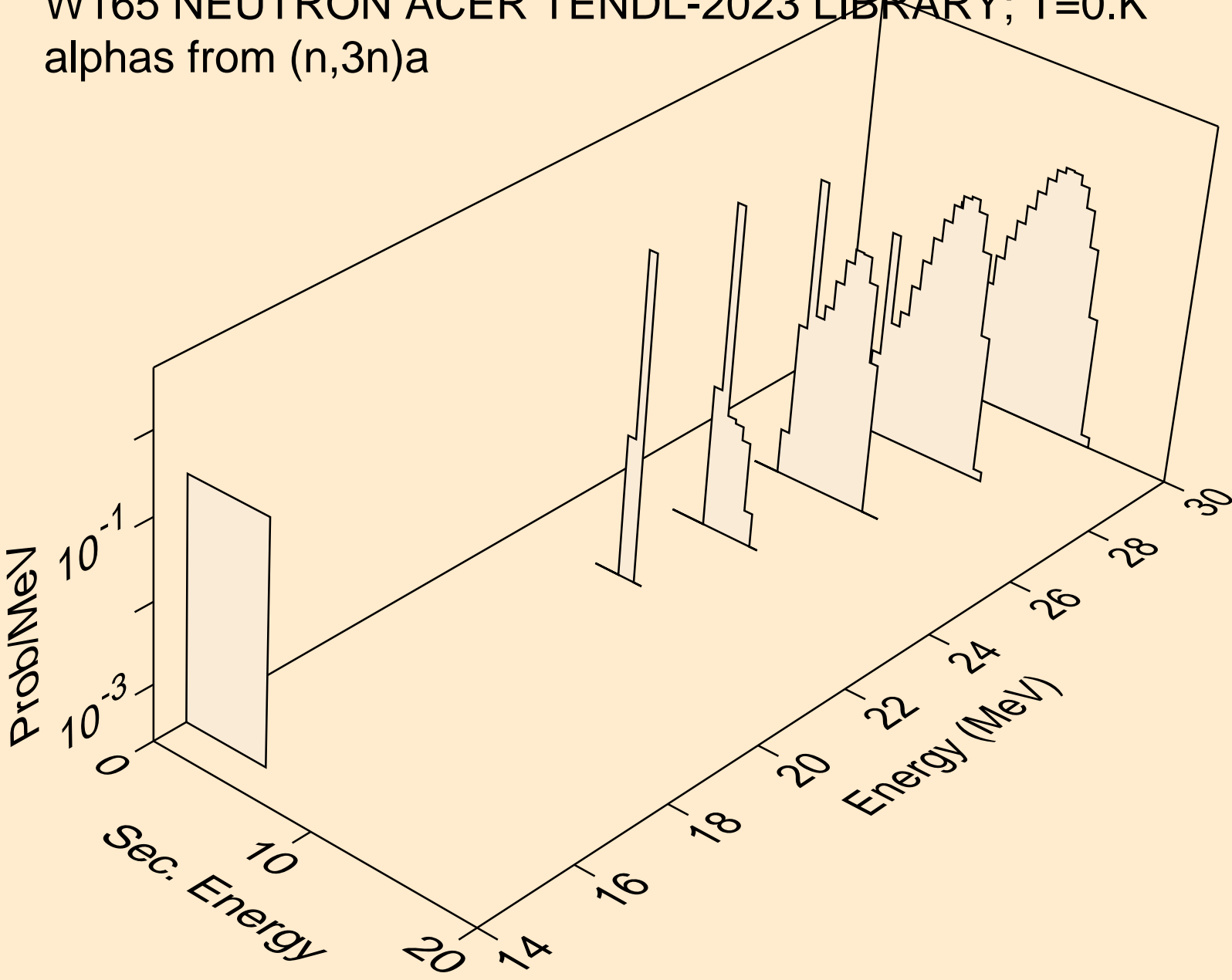
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)3a



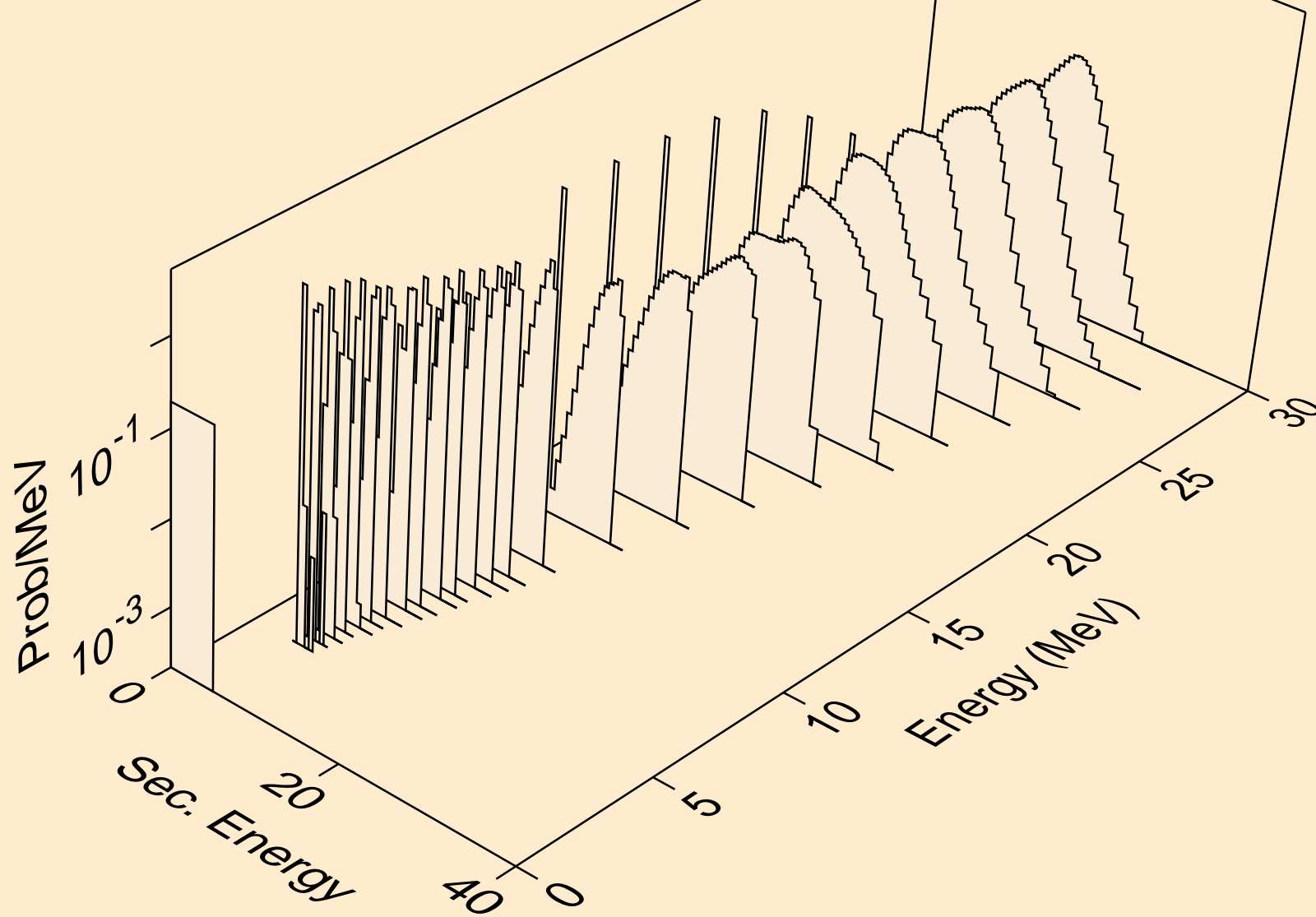
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

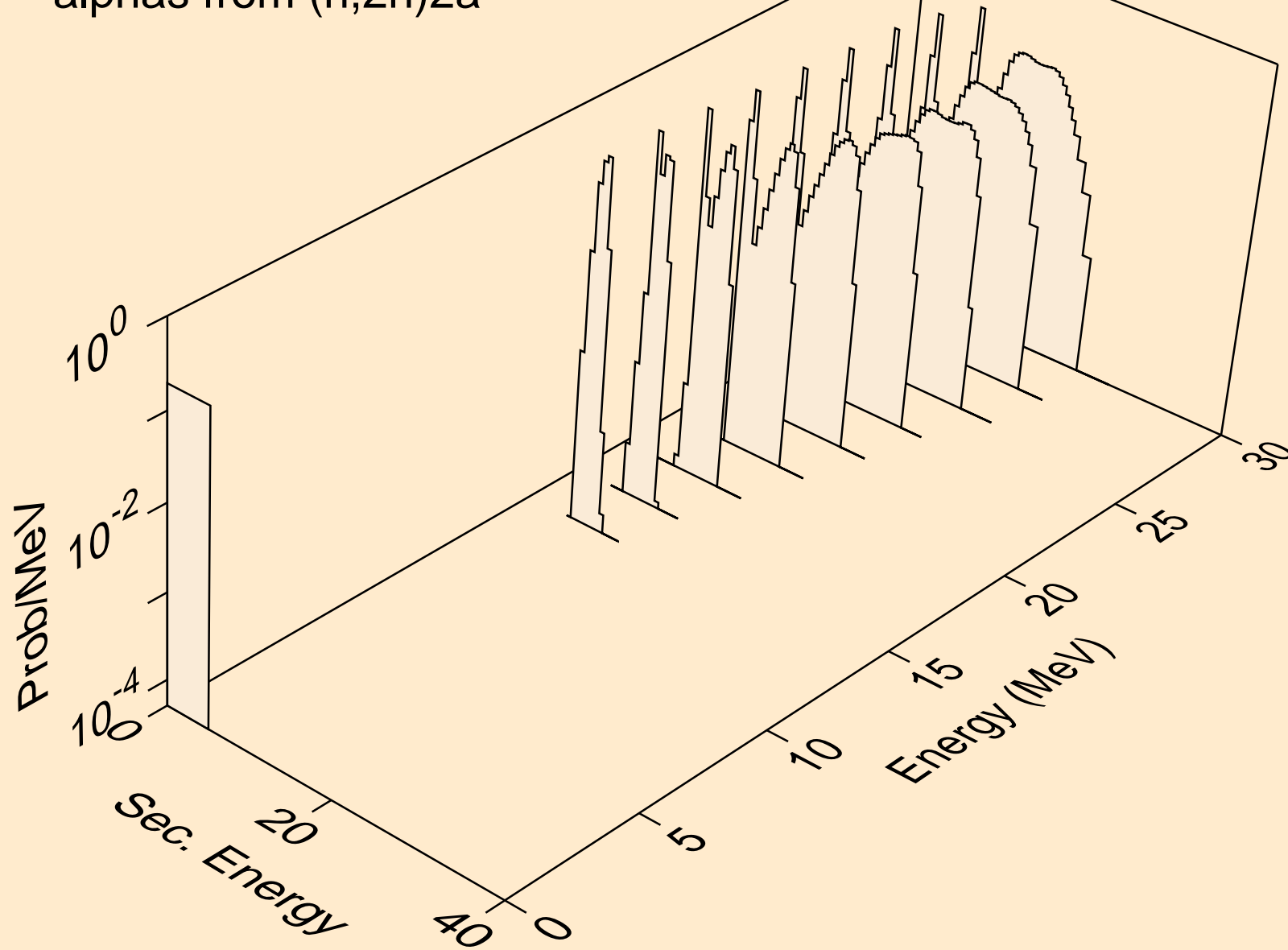


W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

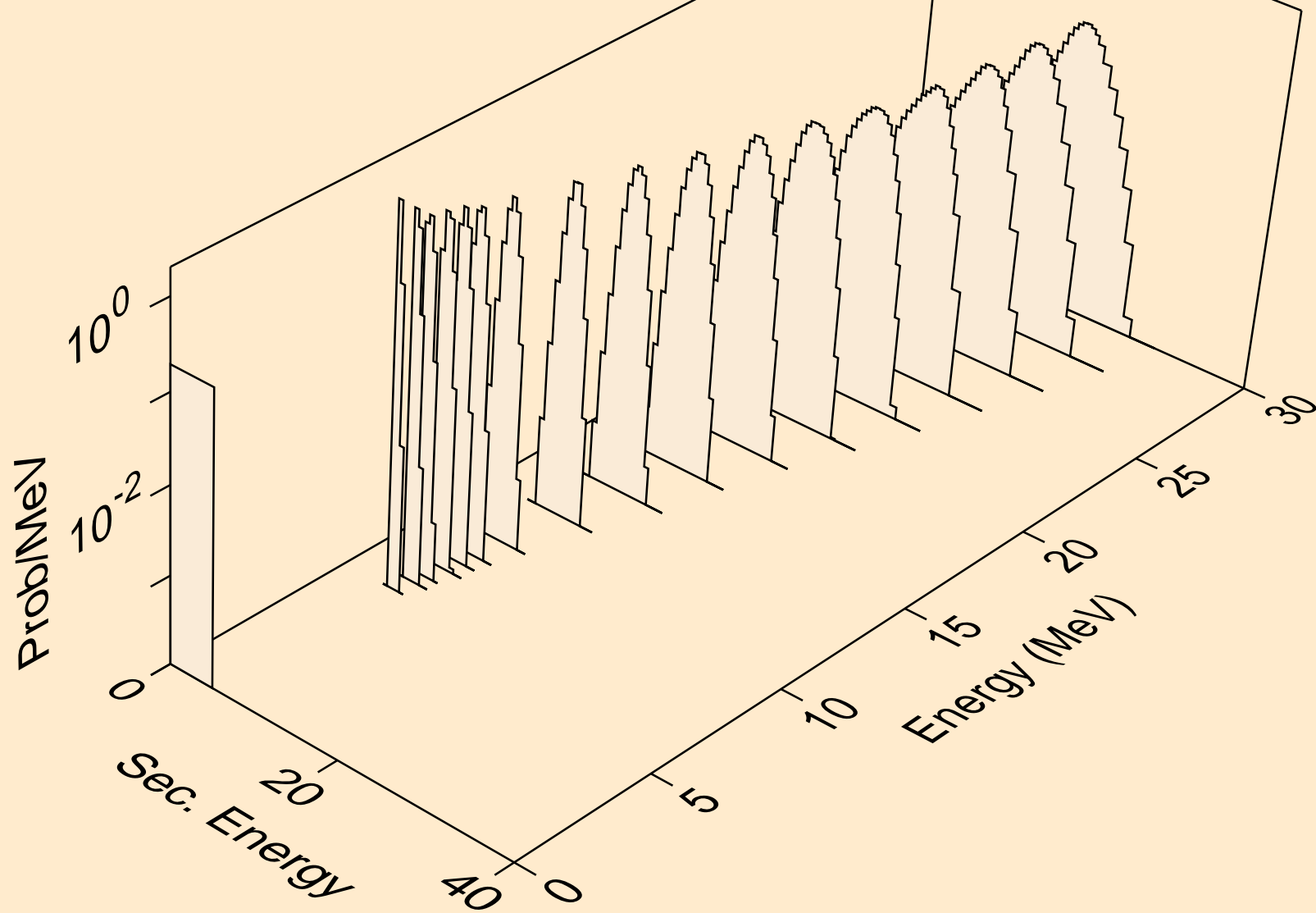




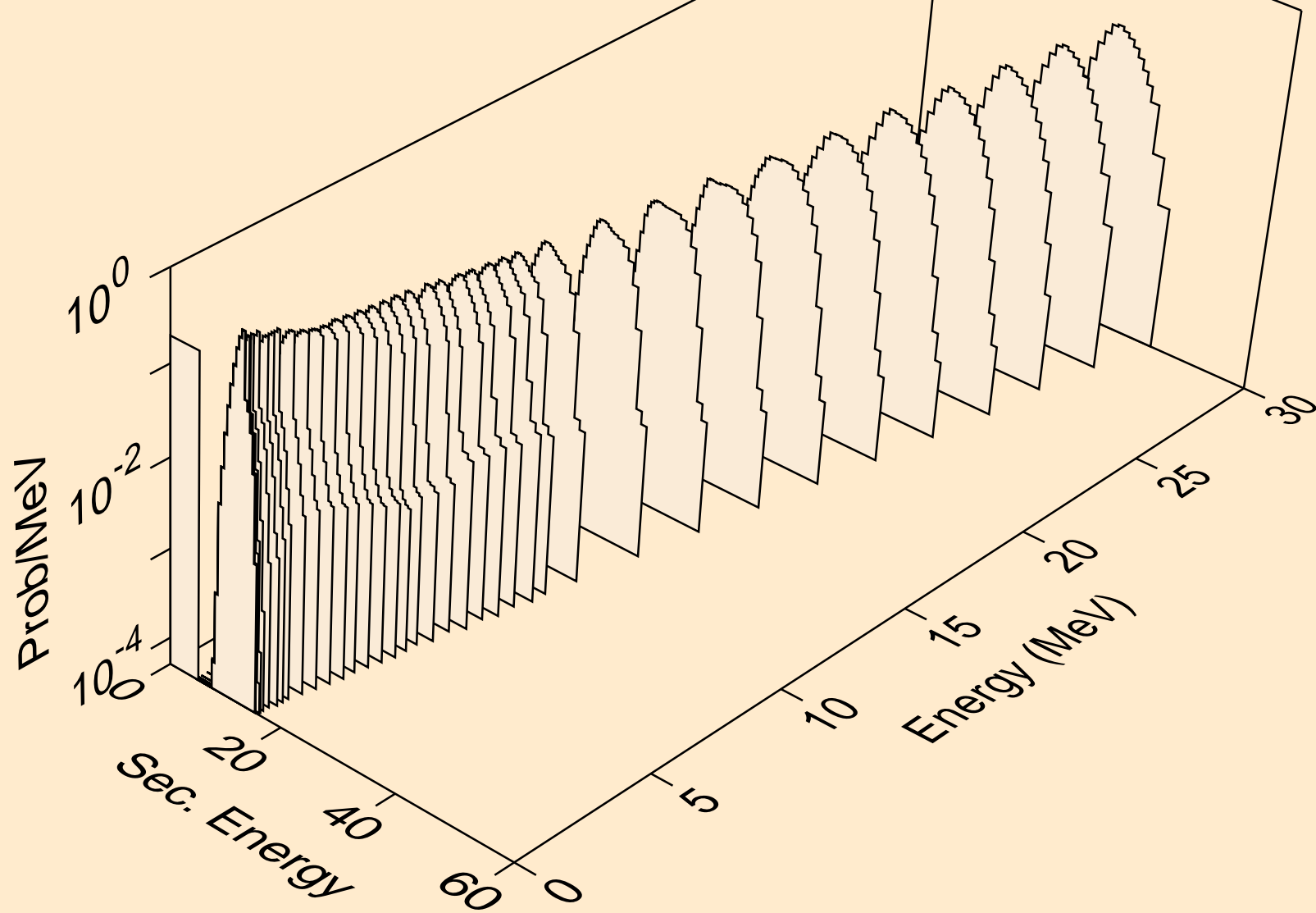
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



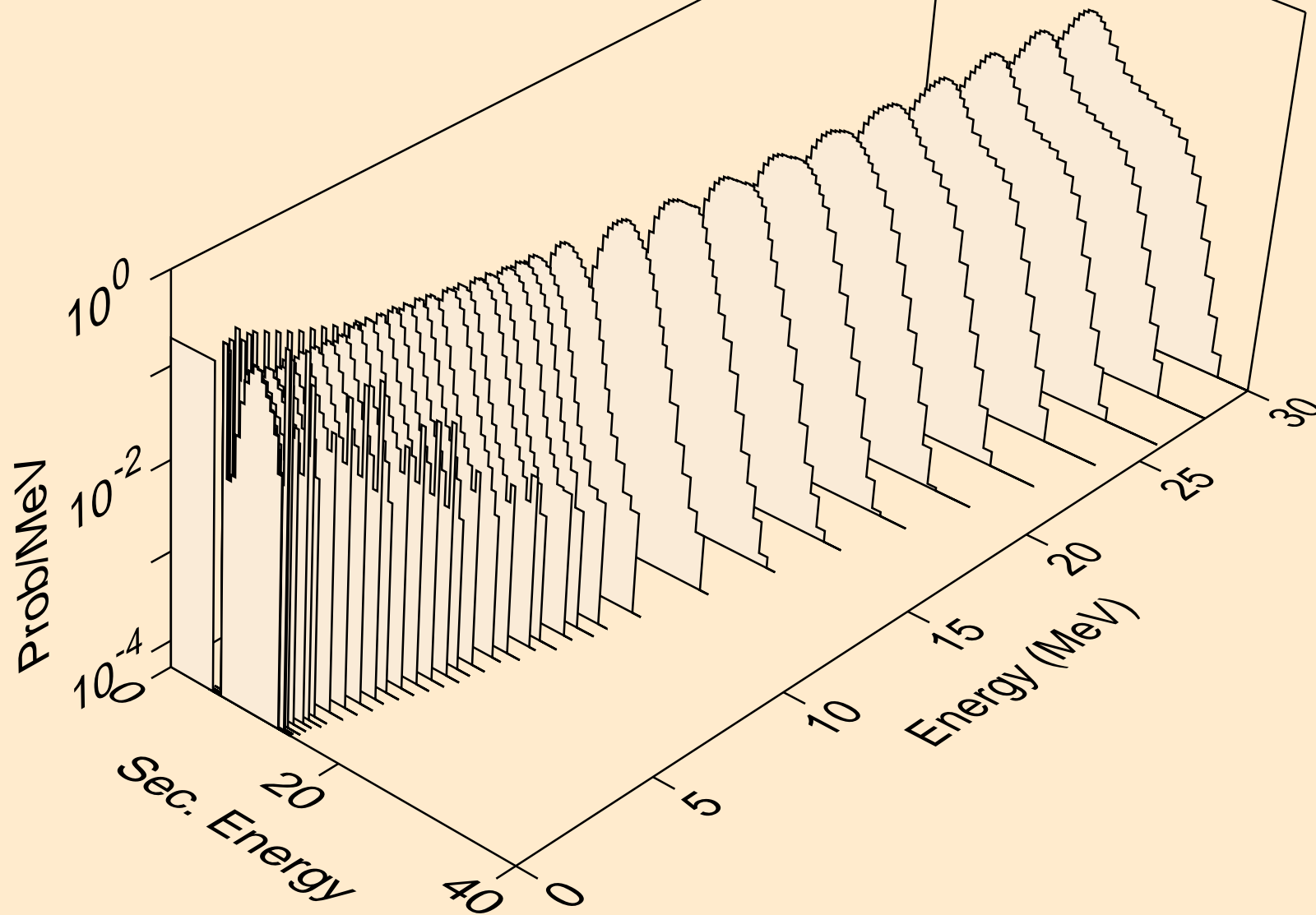
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



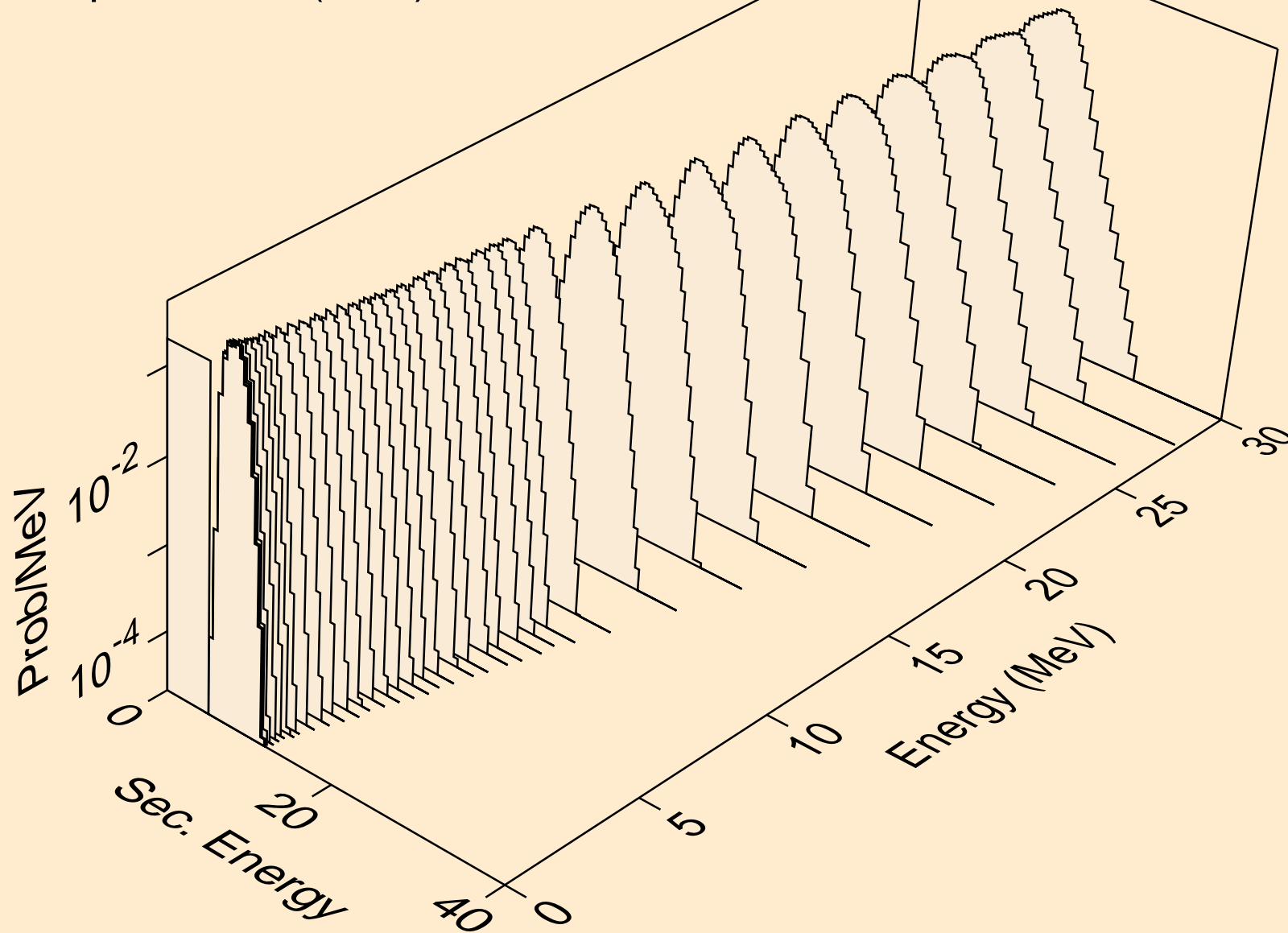
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



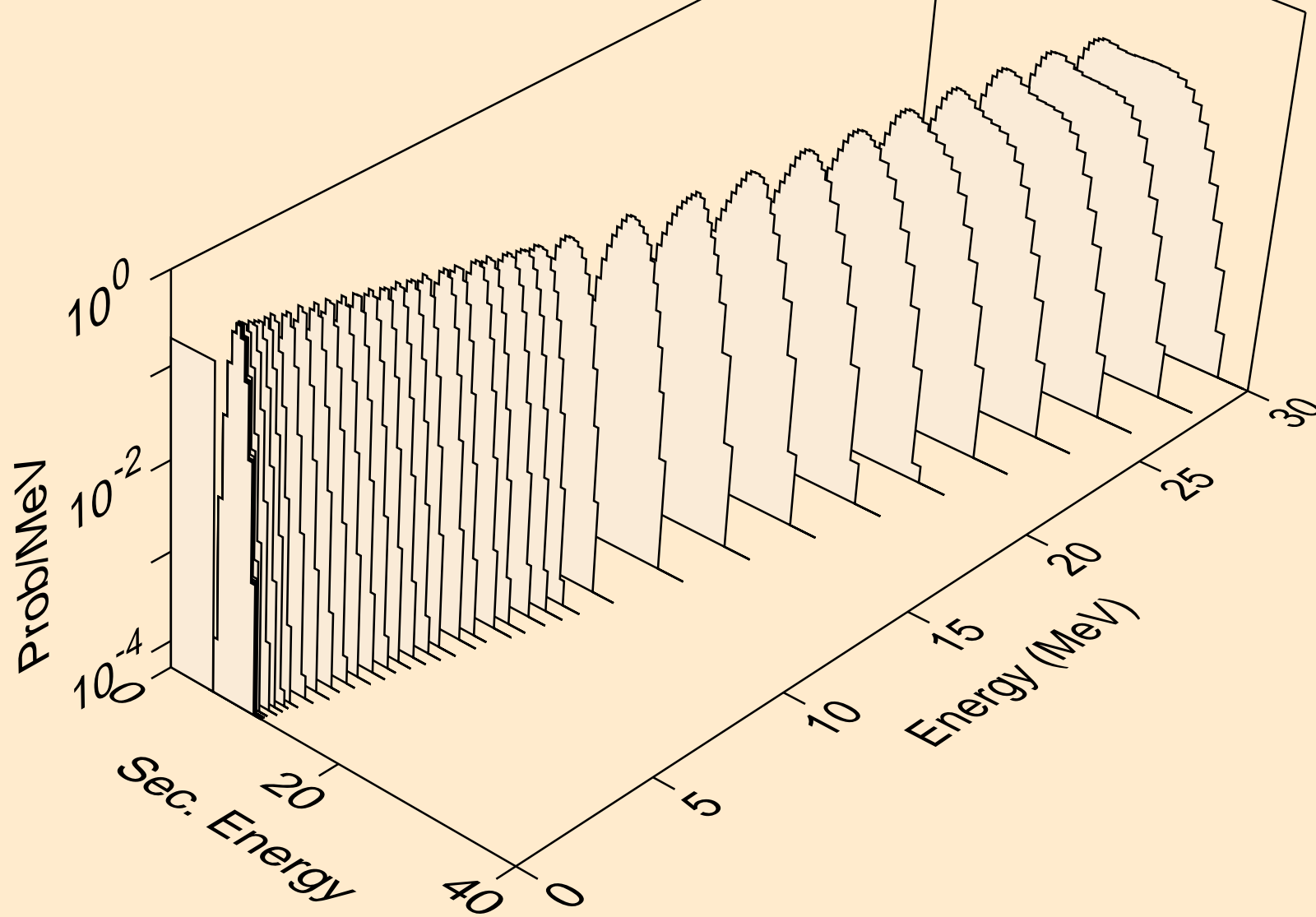
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



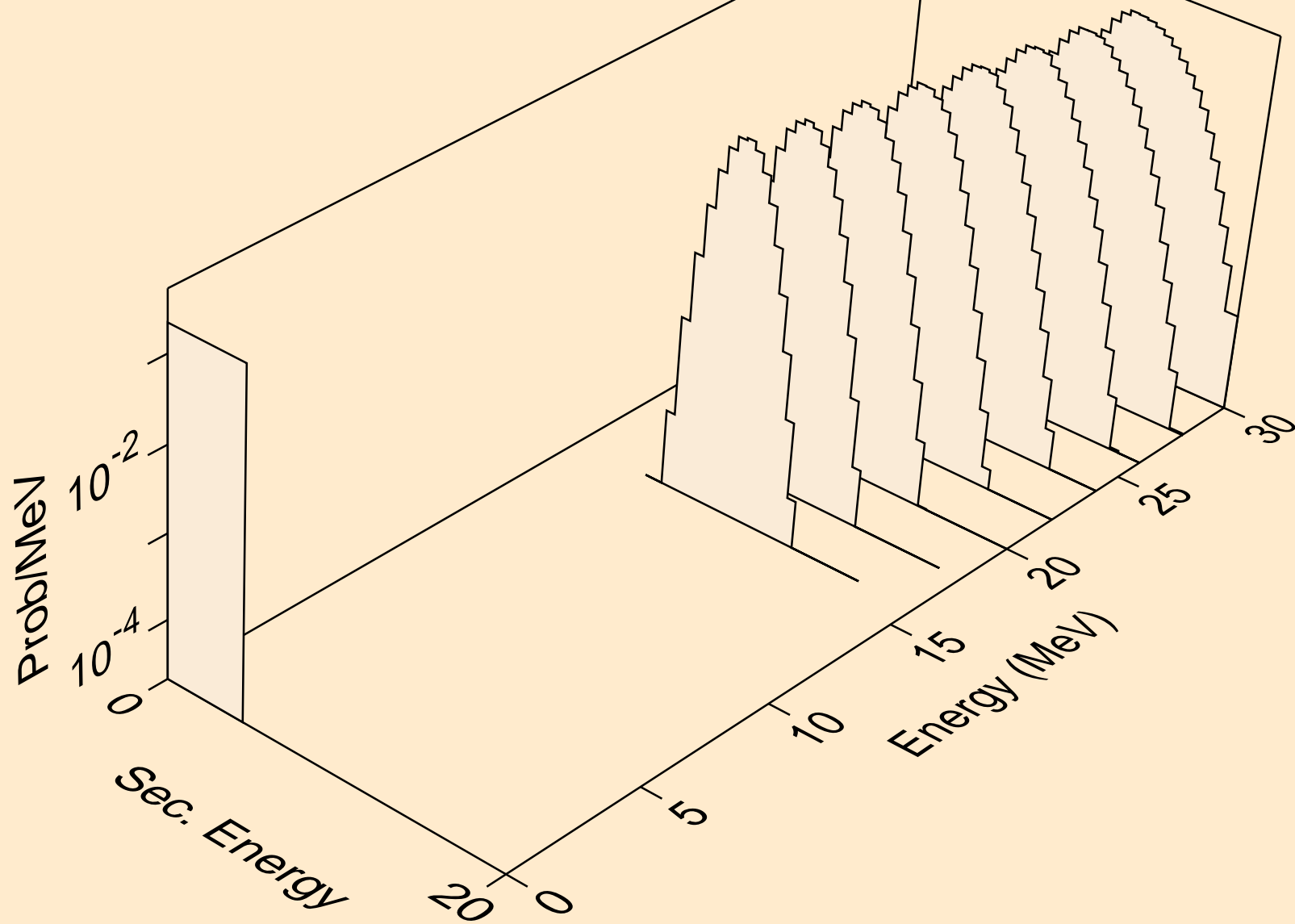
W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



W165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

