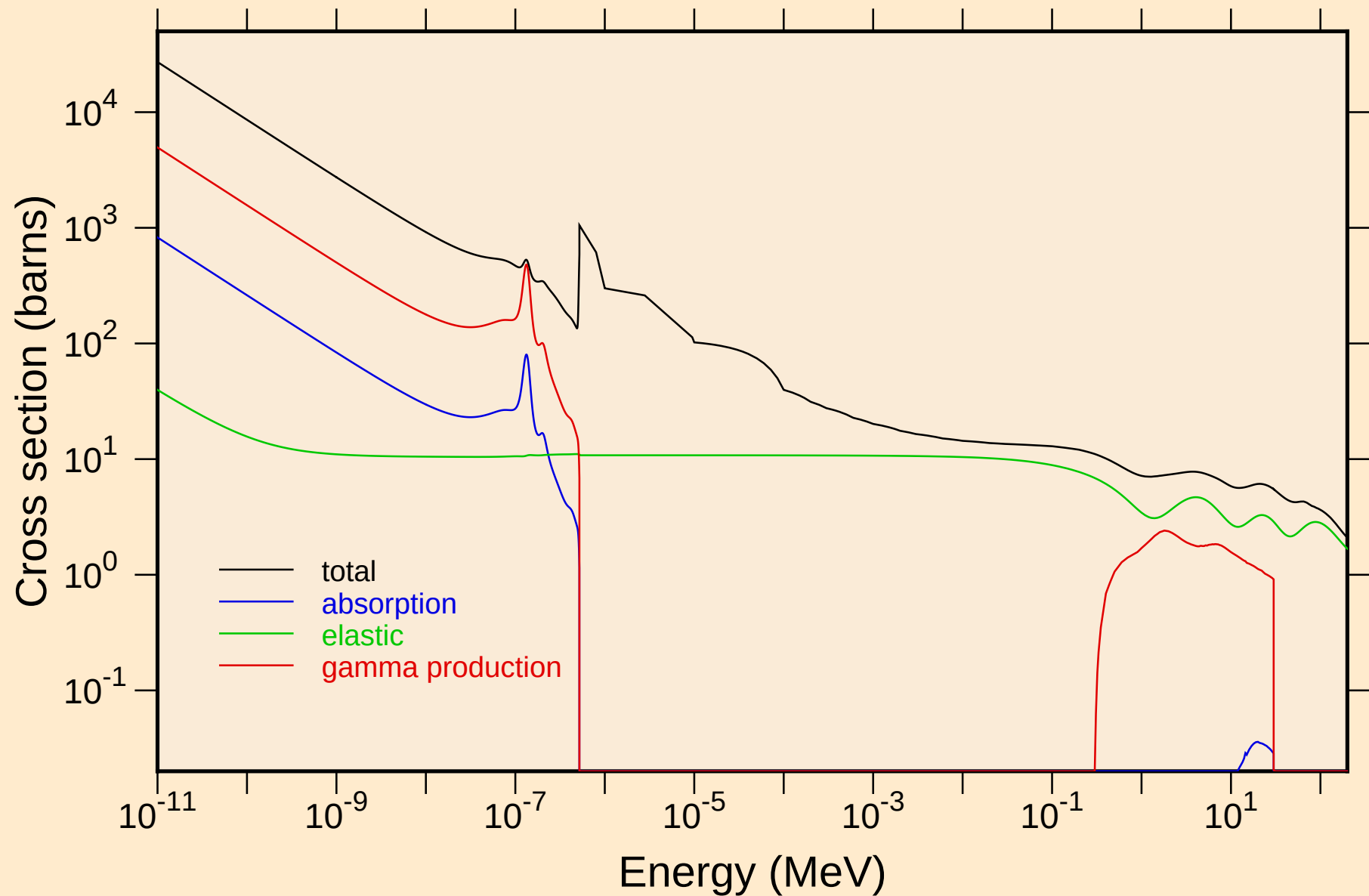
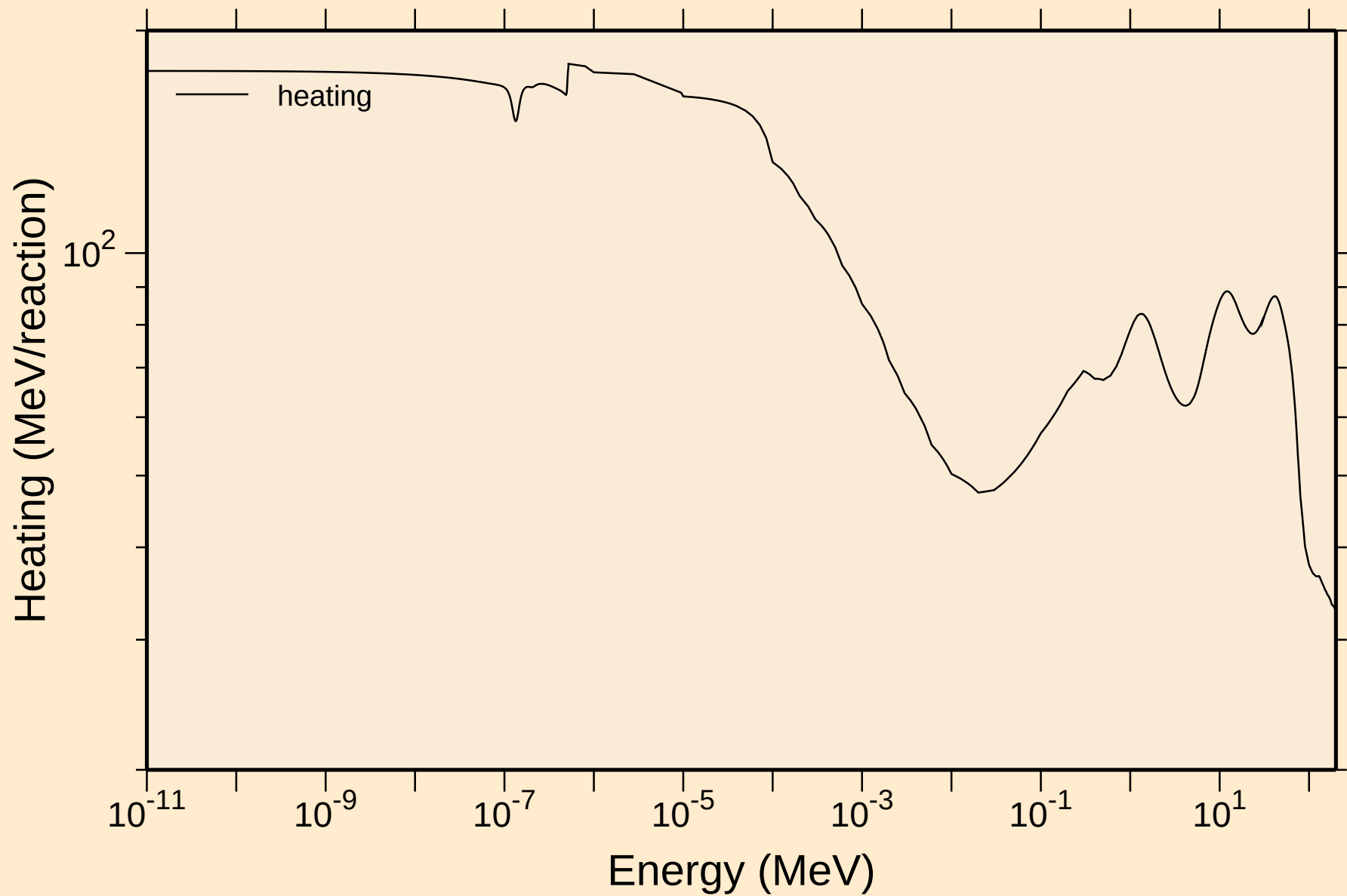


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



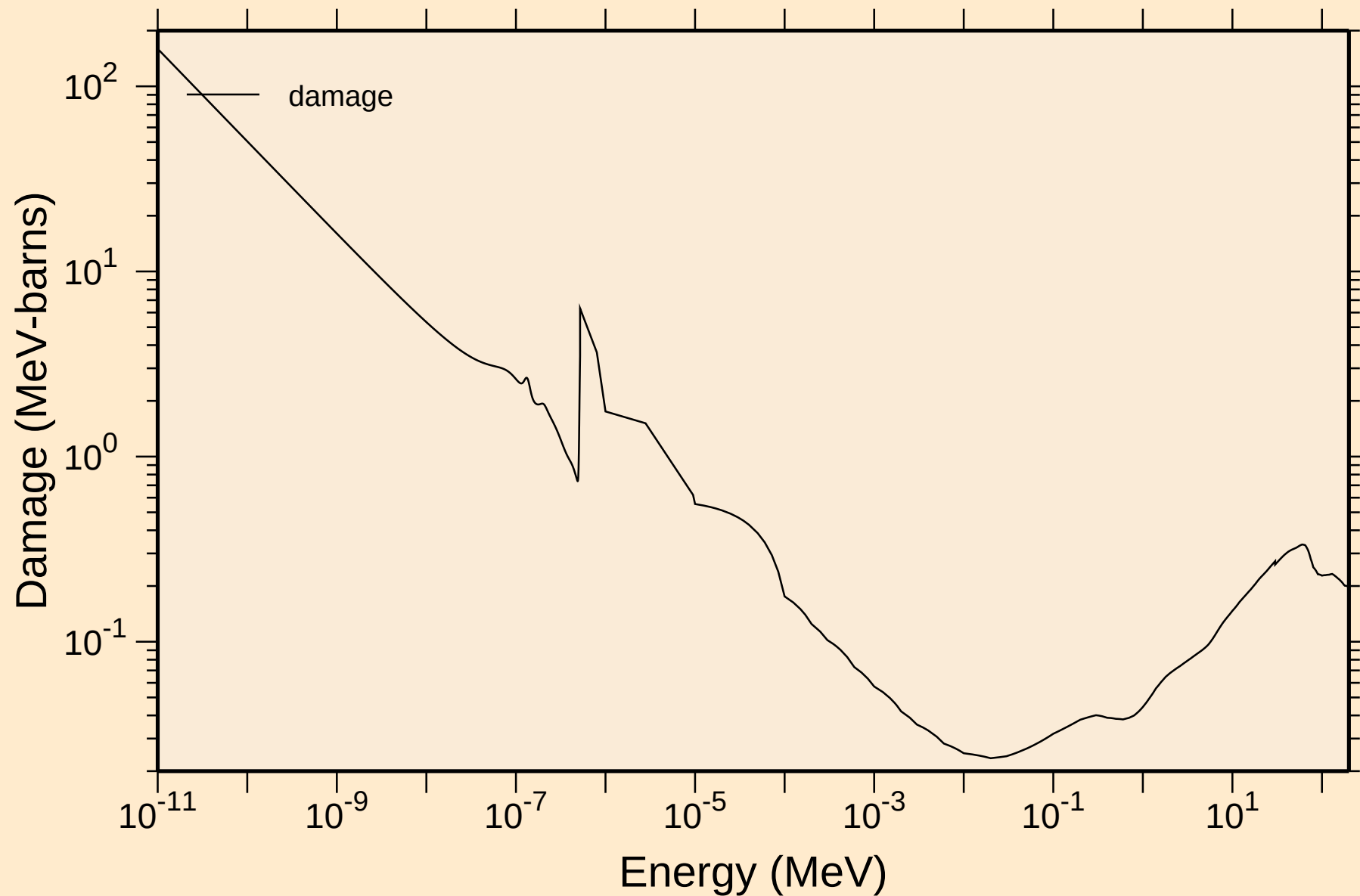
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating



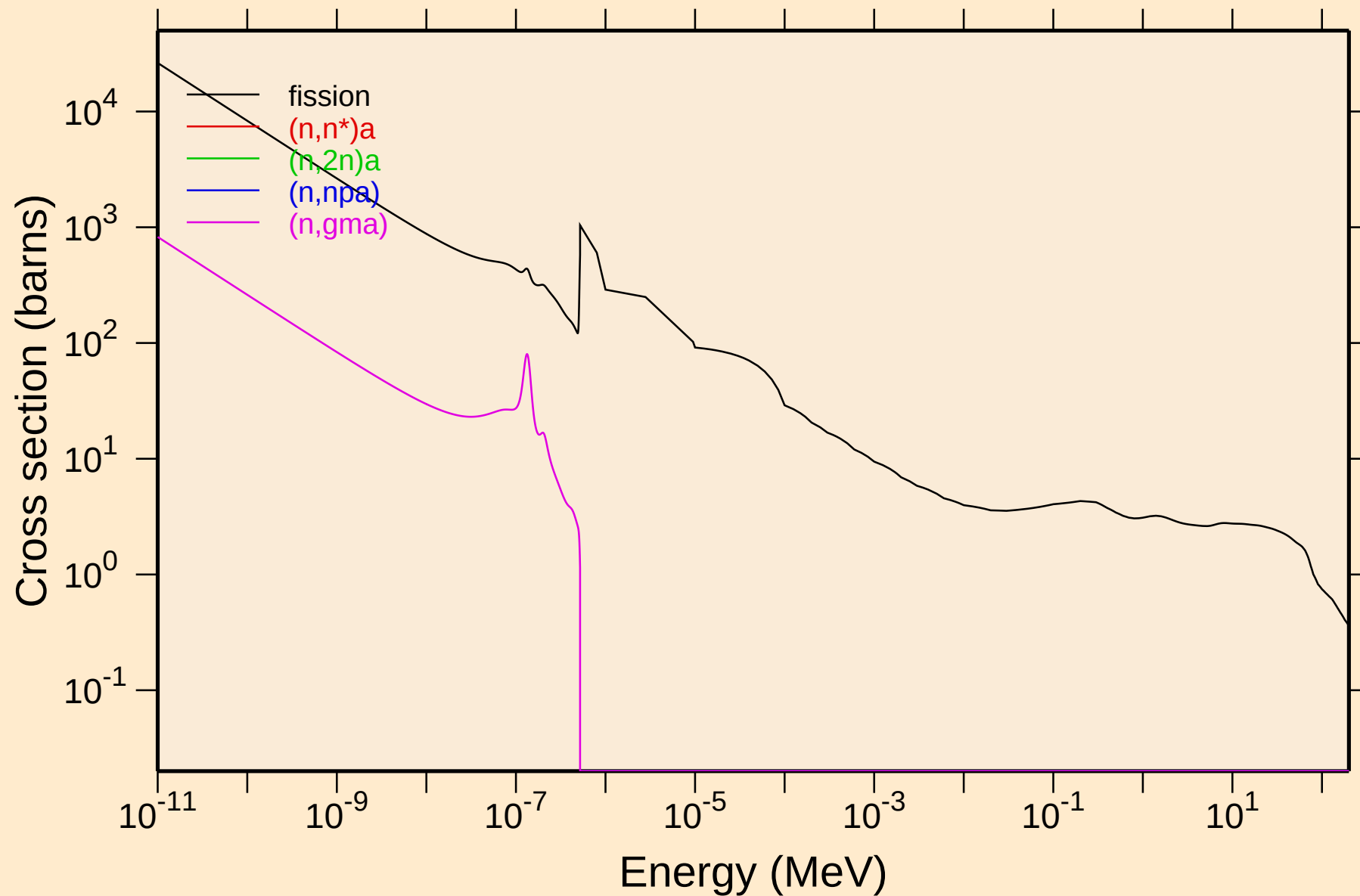
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage



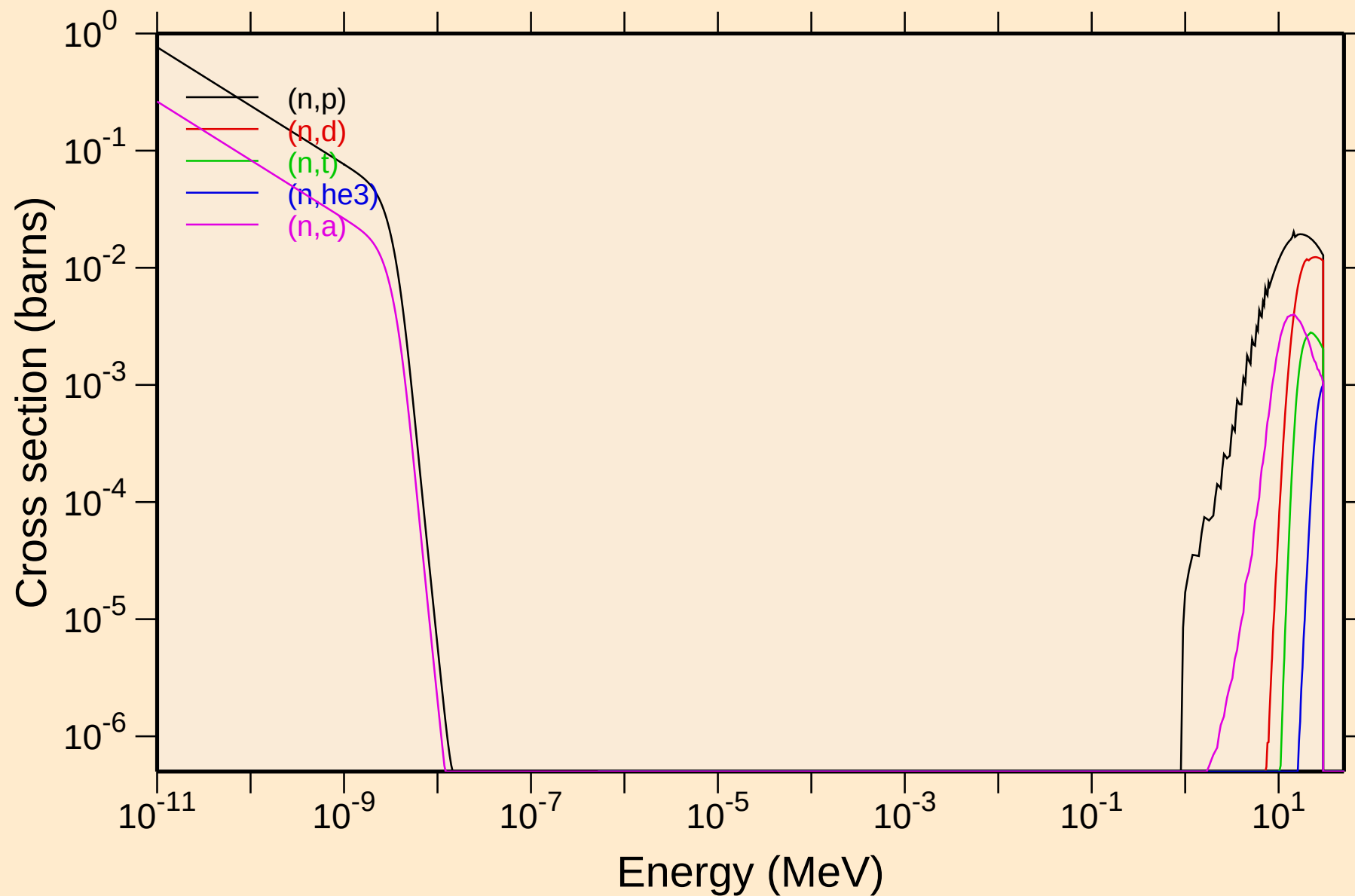
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

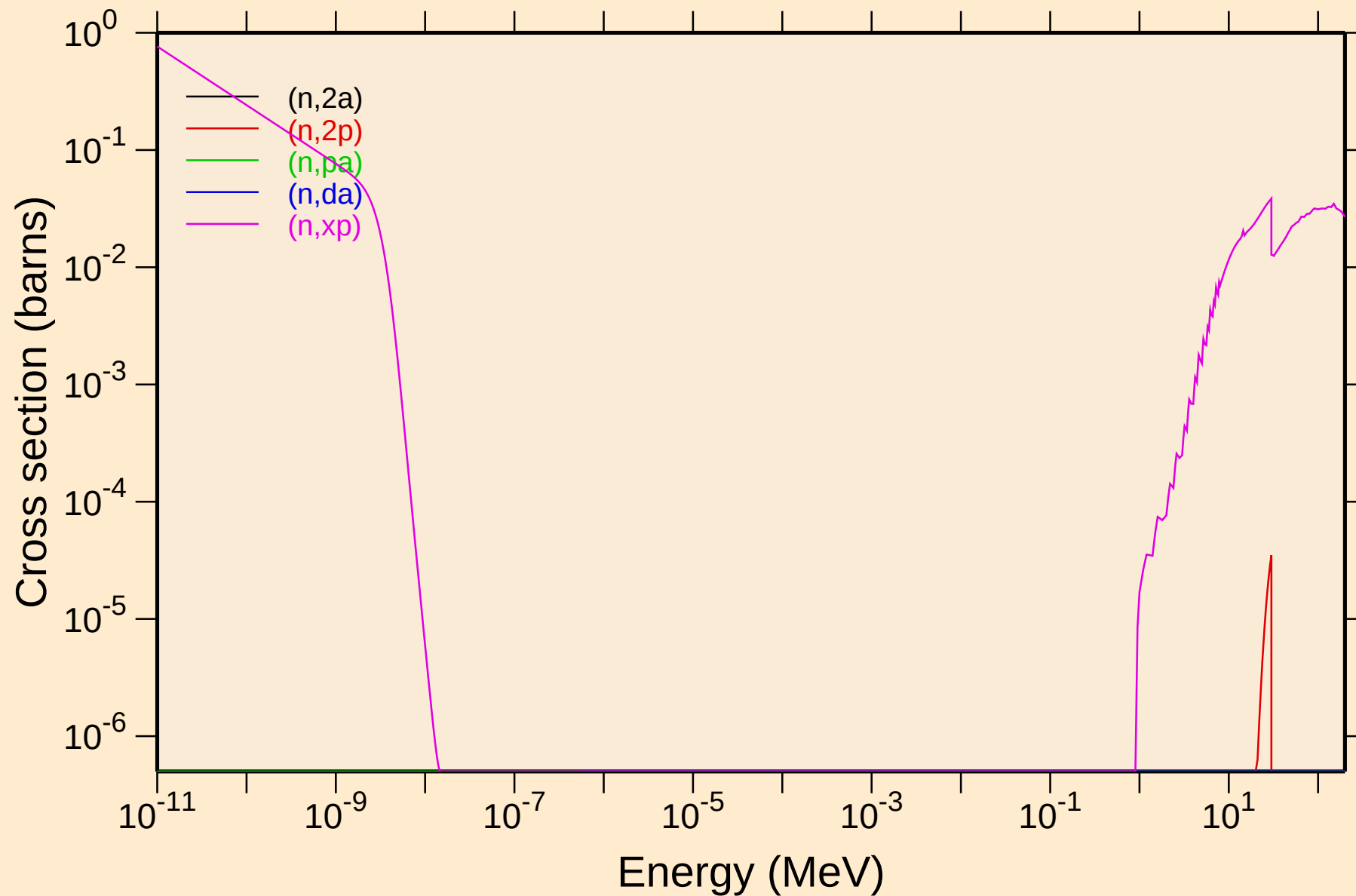


# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

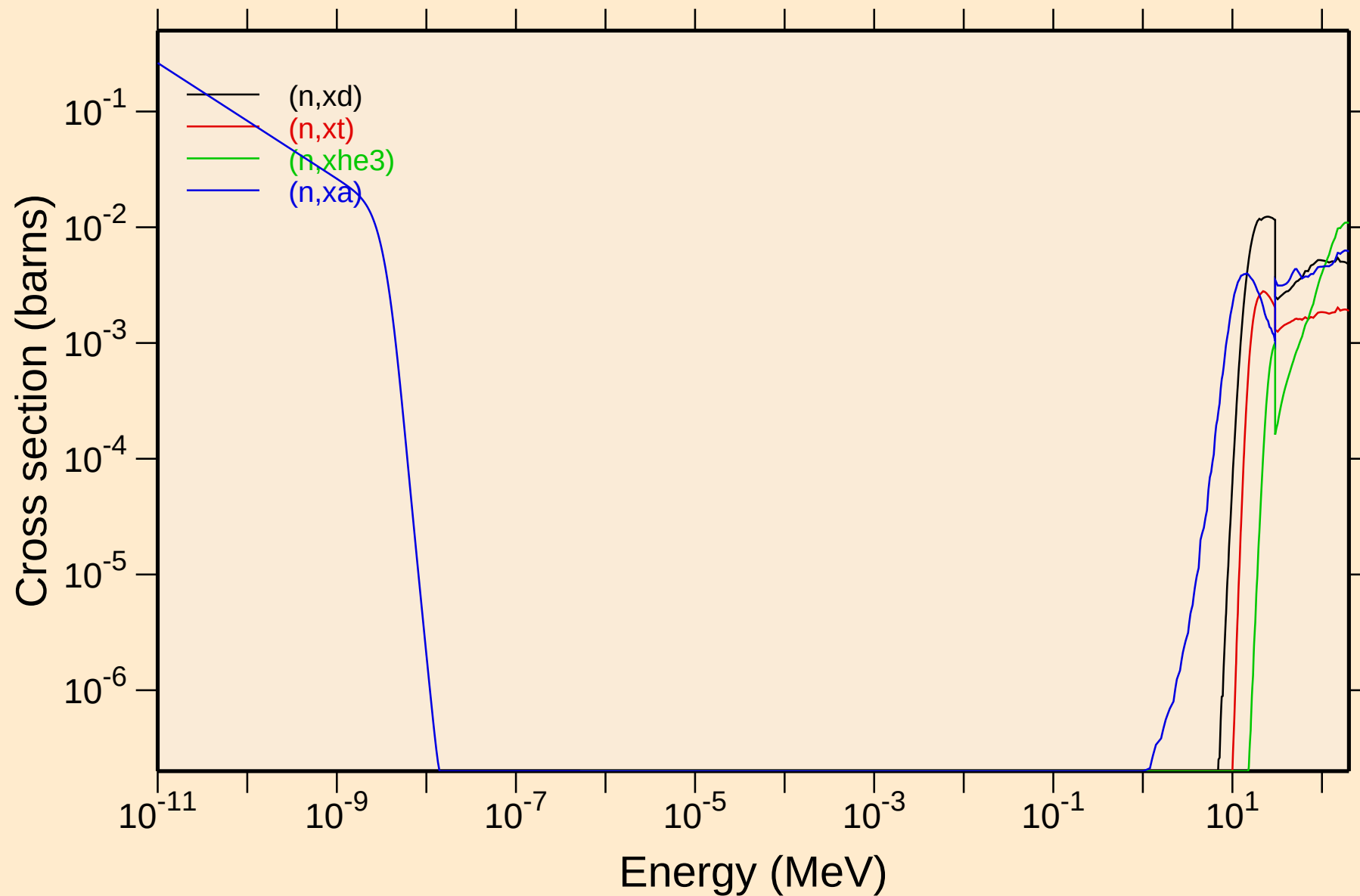
Non-threshold reactions



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

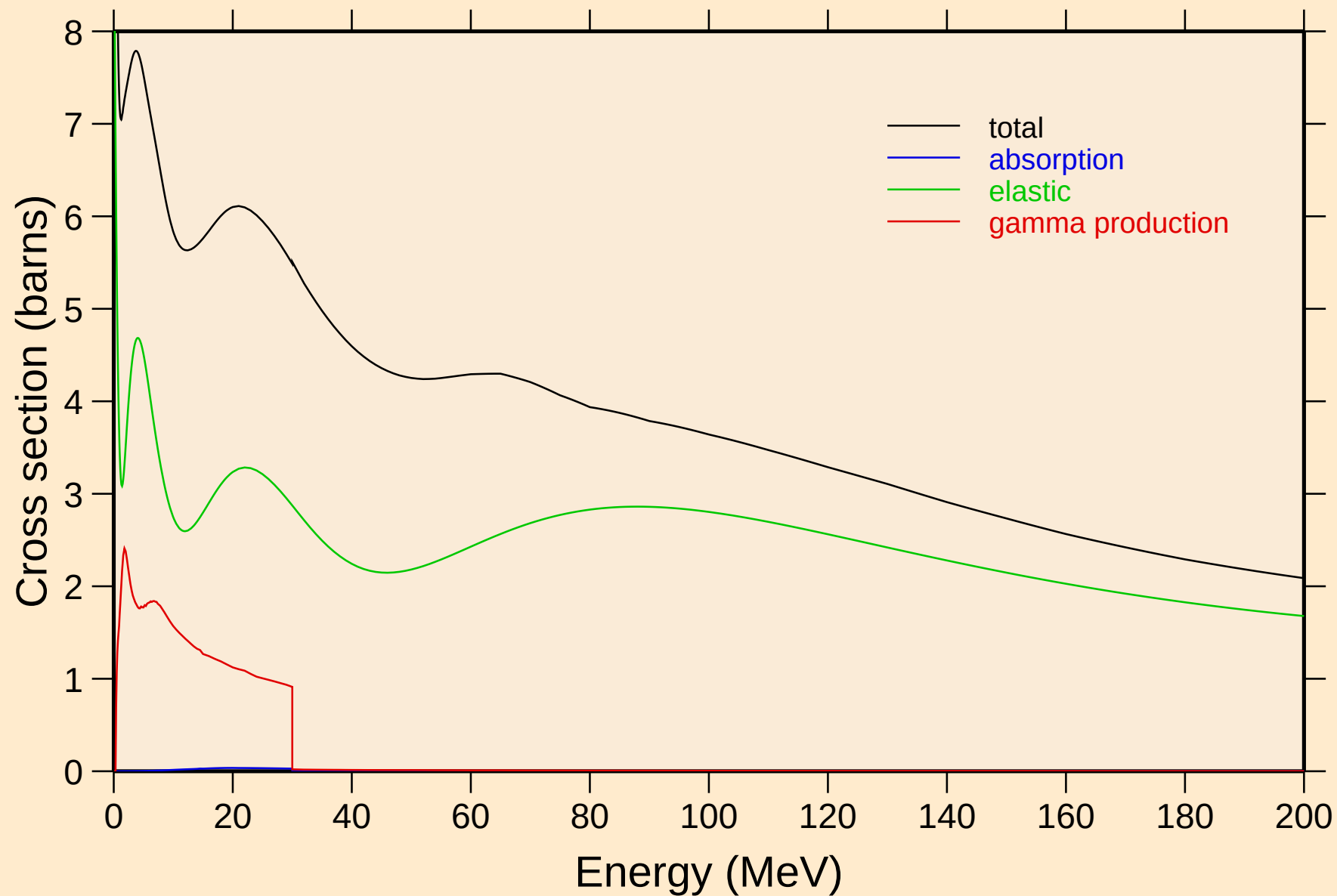


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

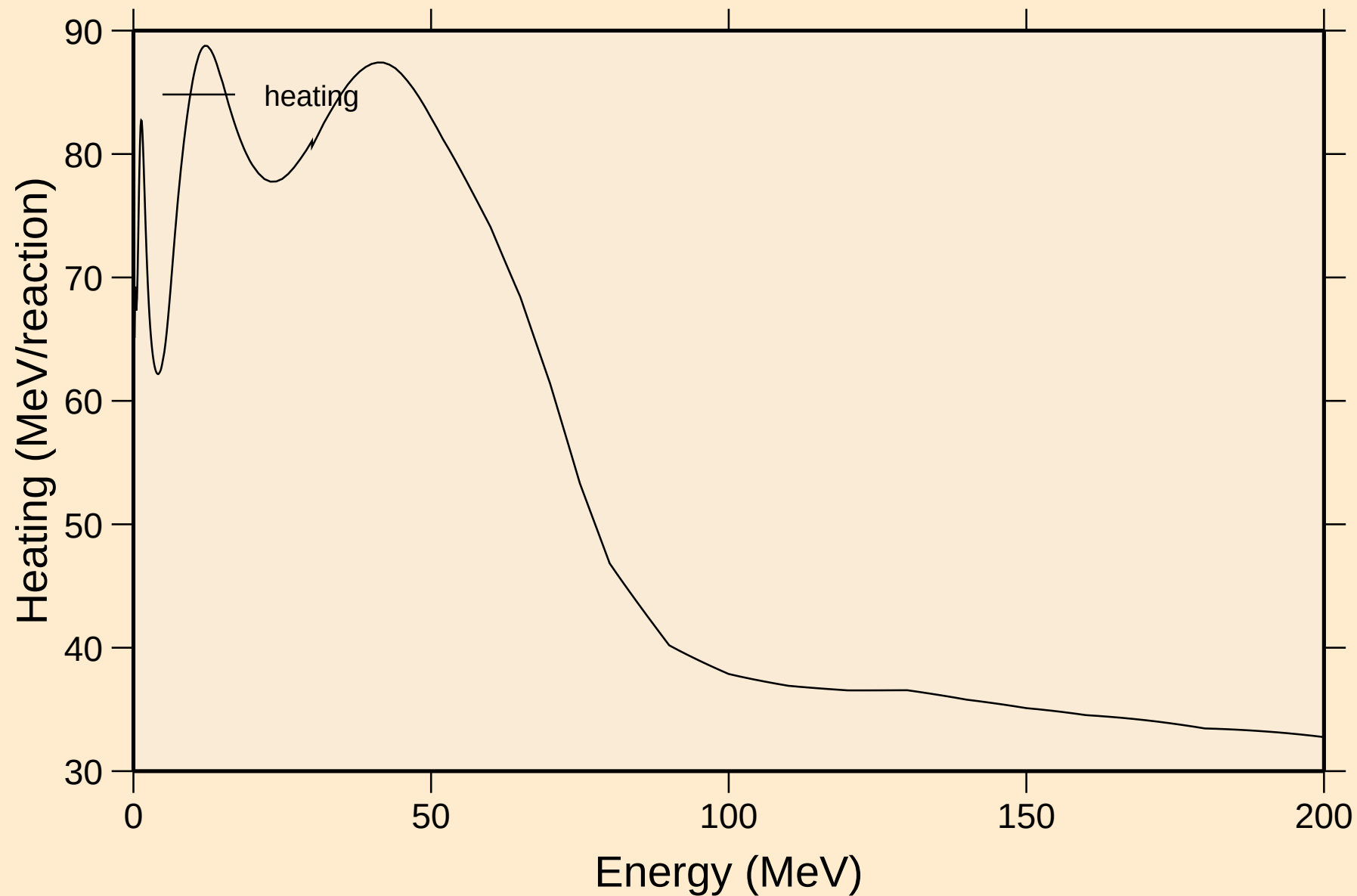
## Principal cross sections





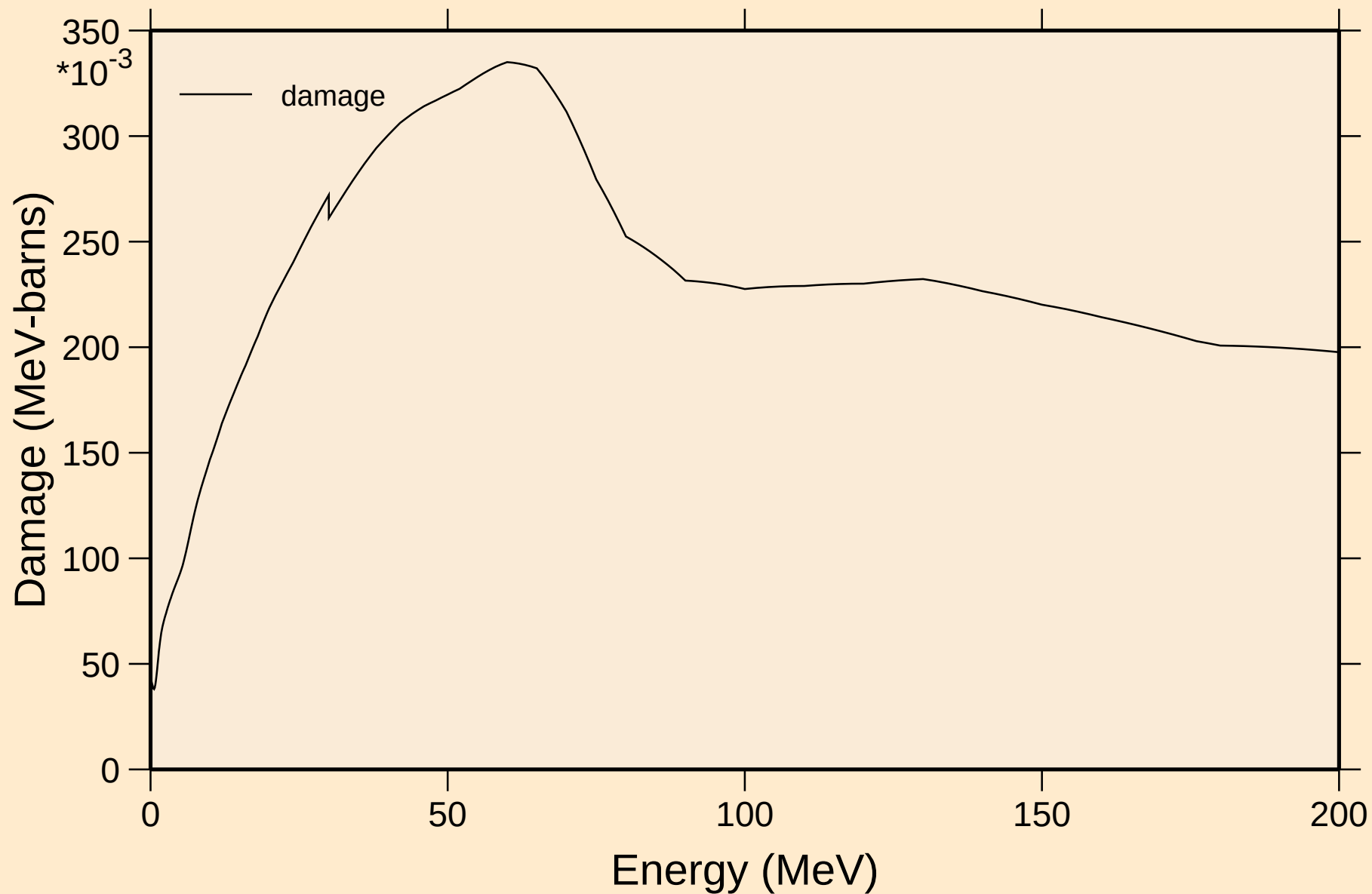
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

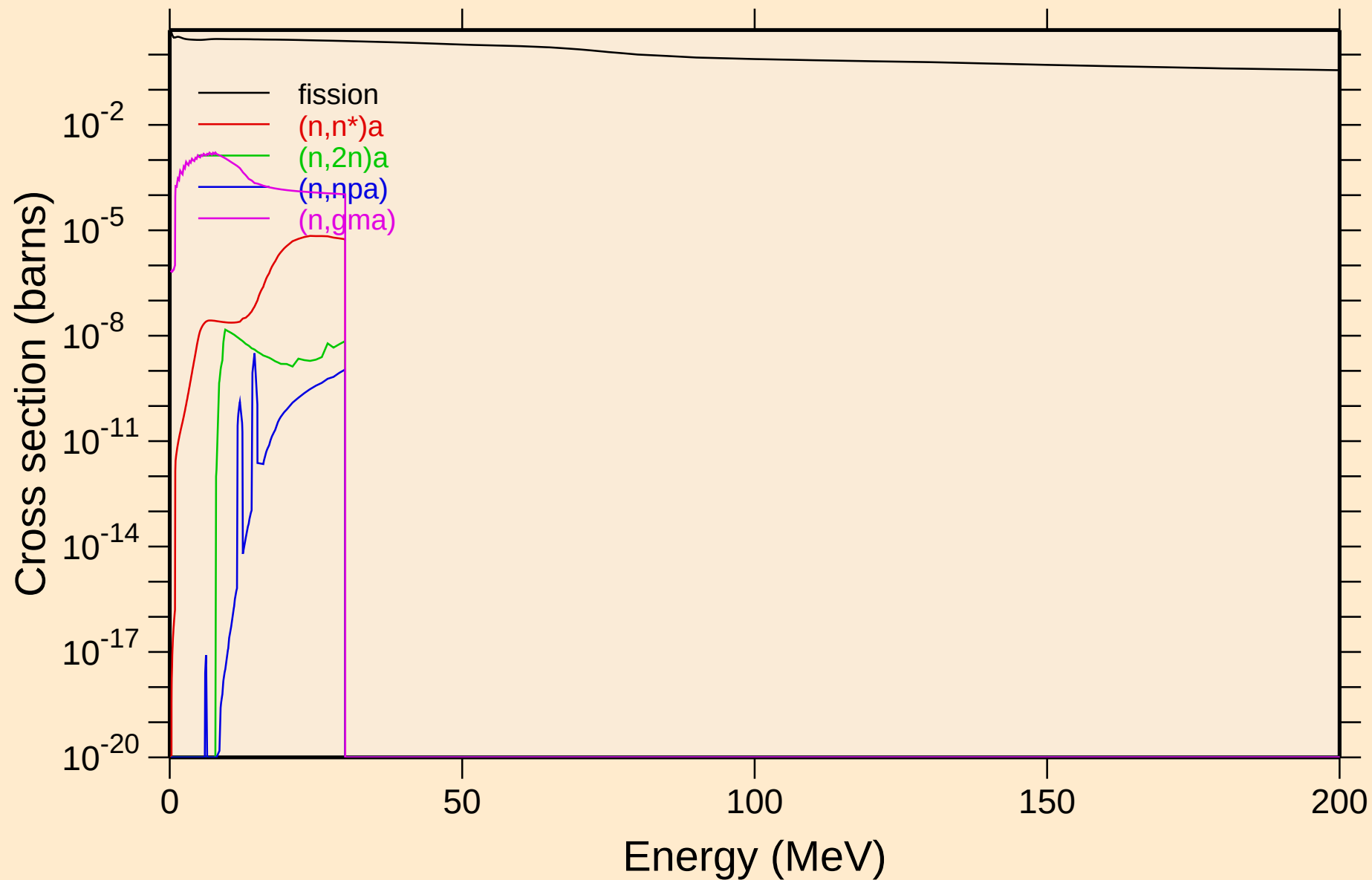


# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

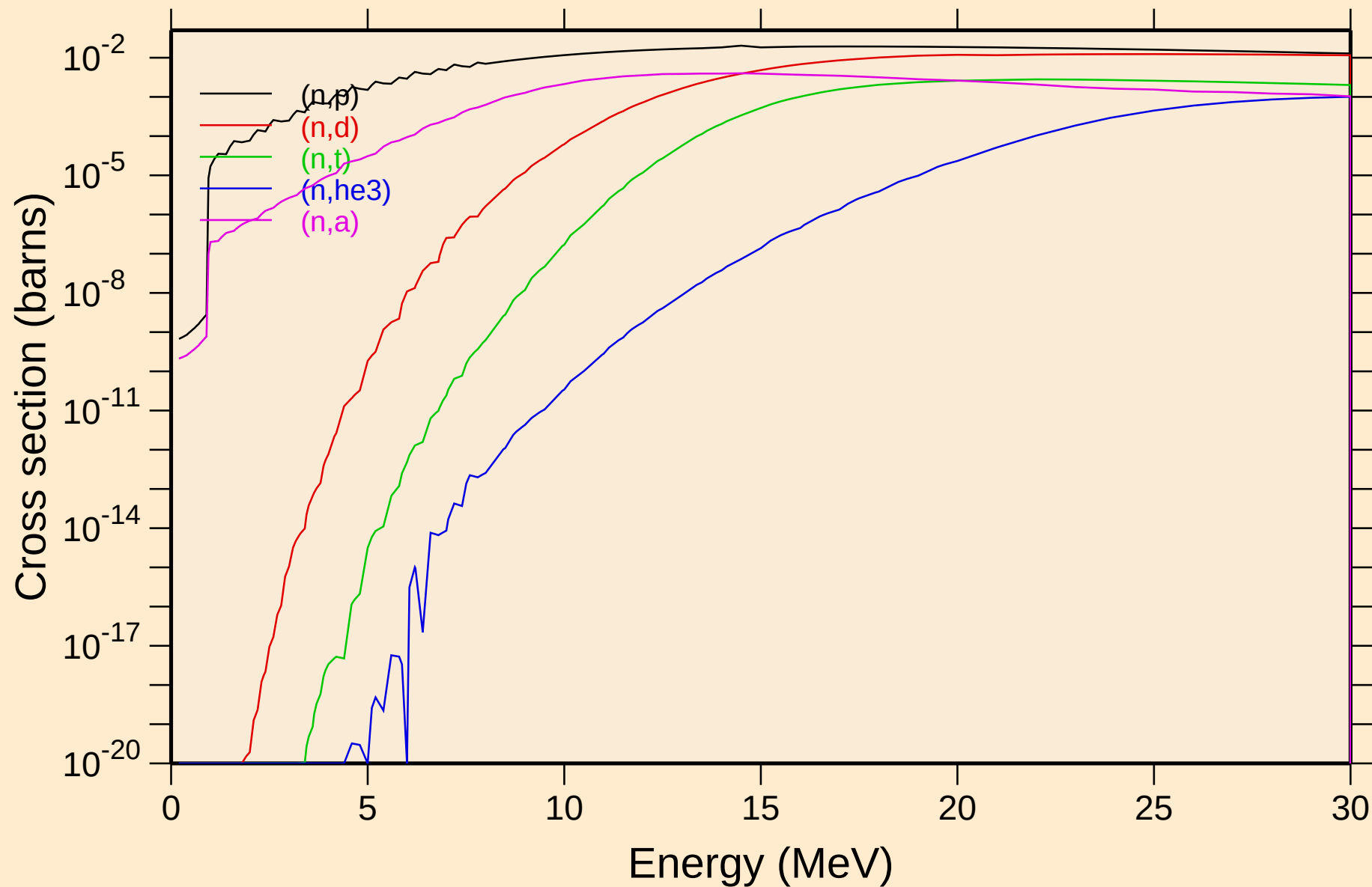
Damage



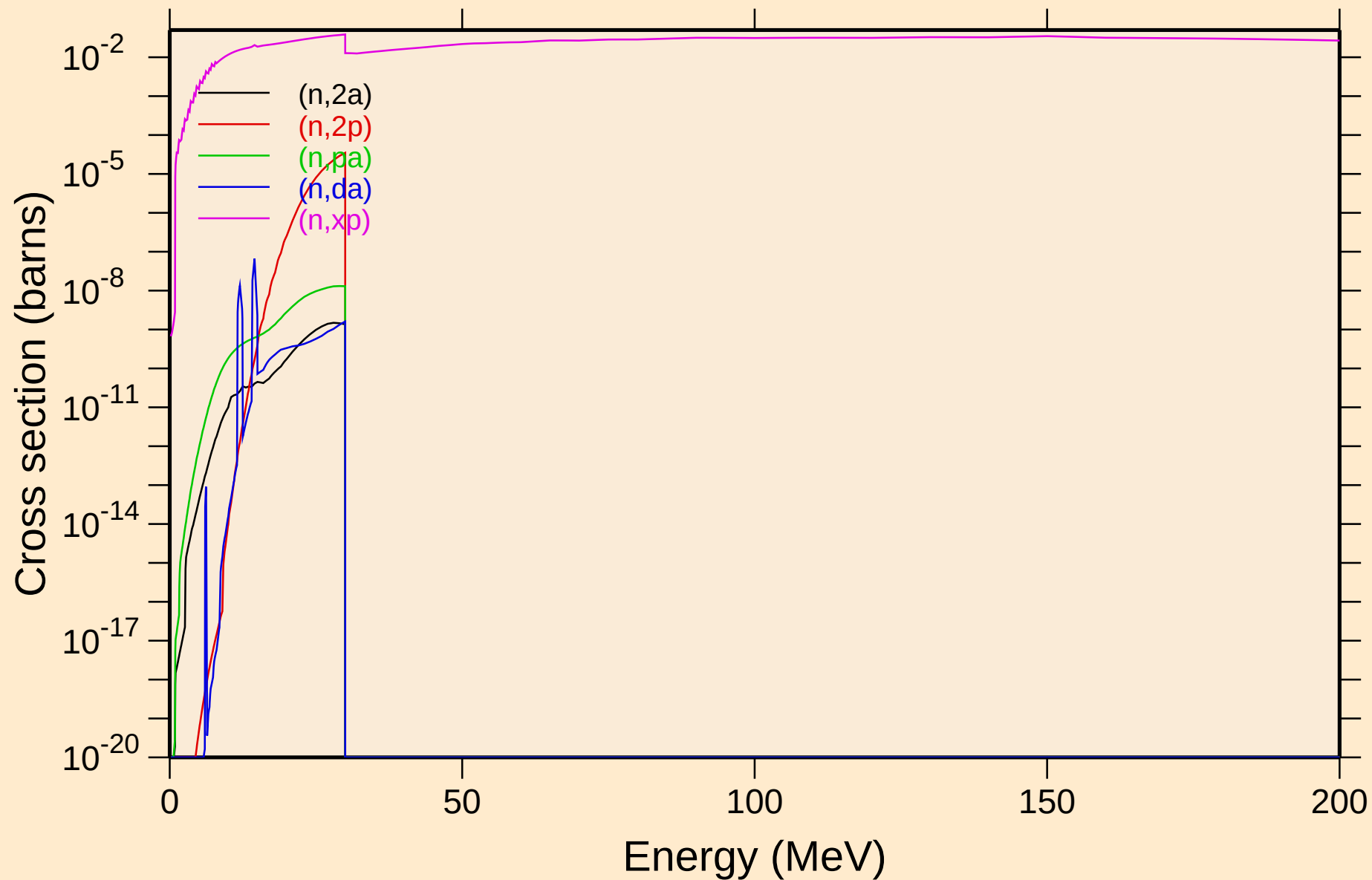
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



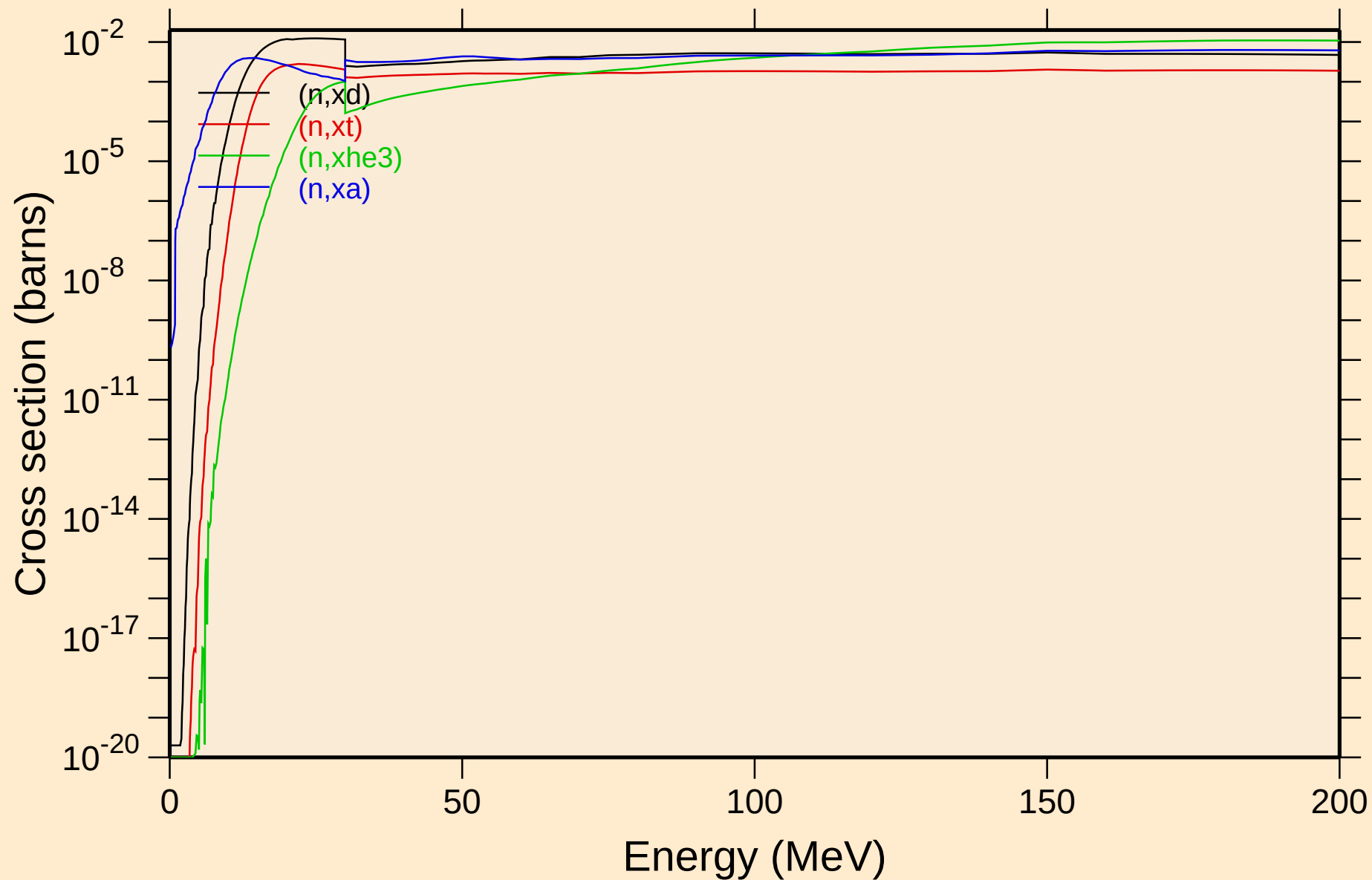
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

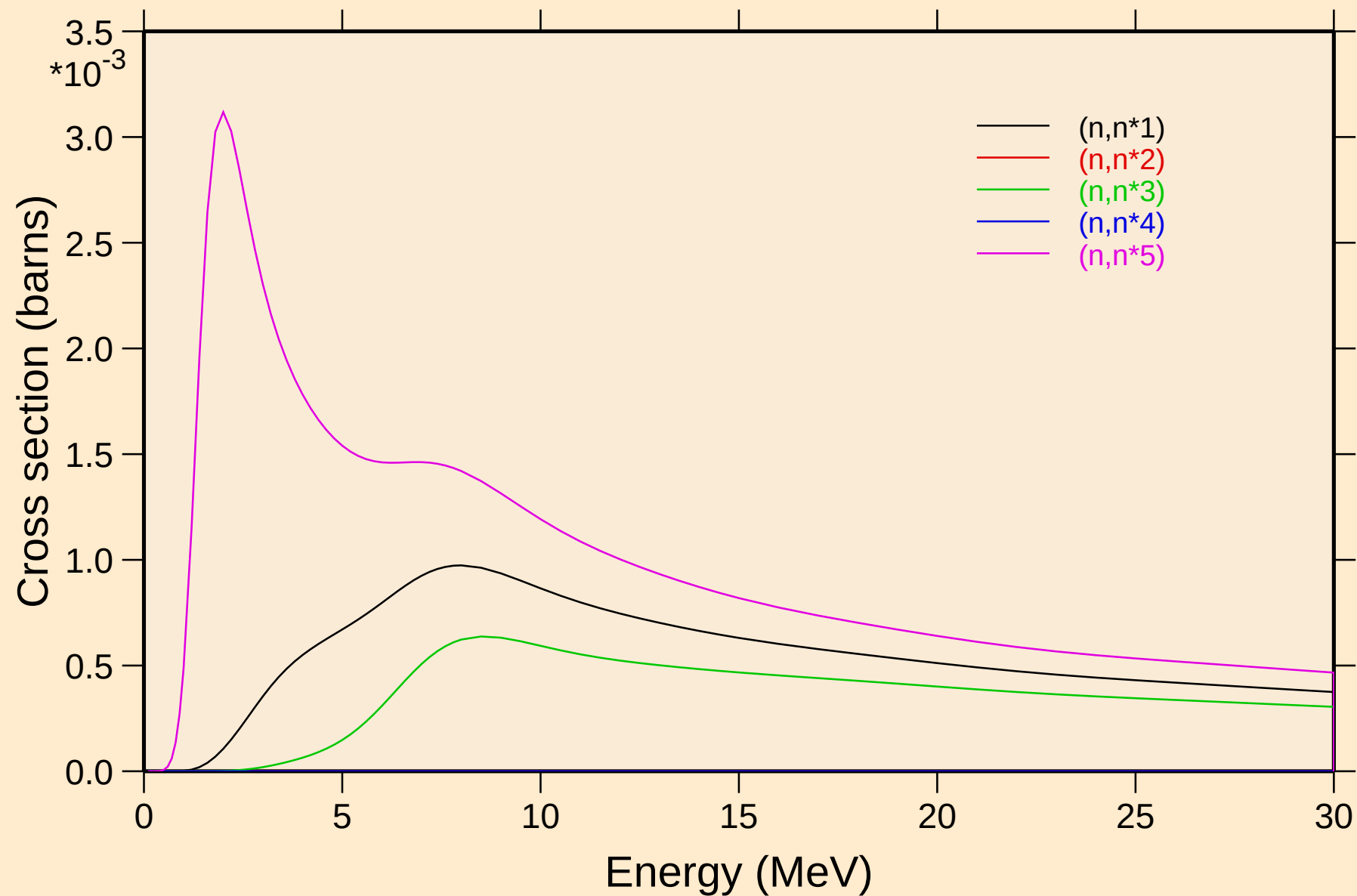


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



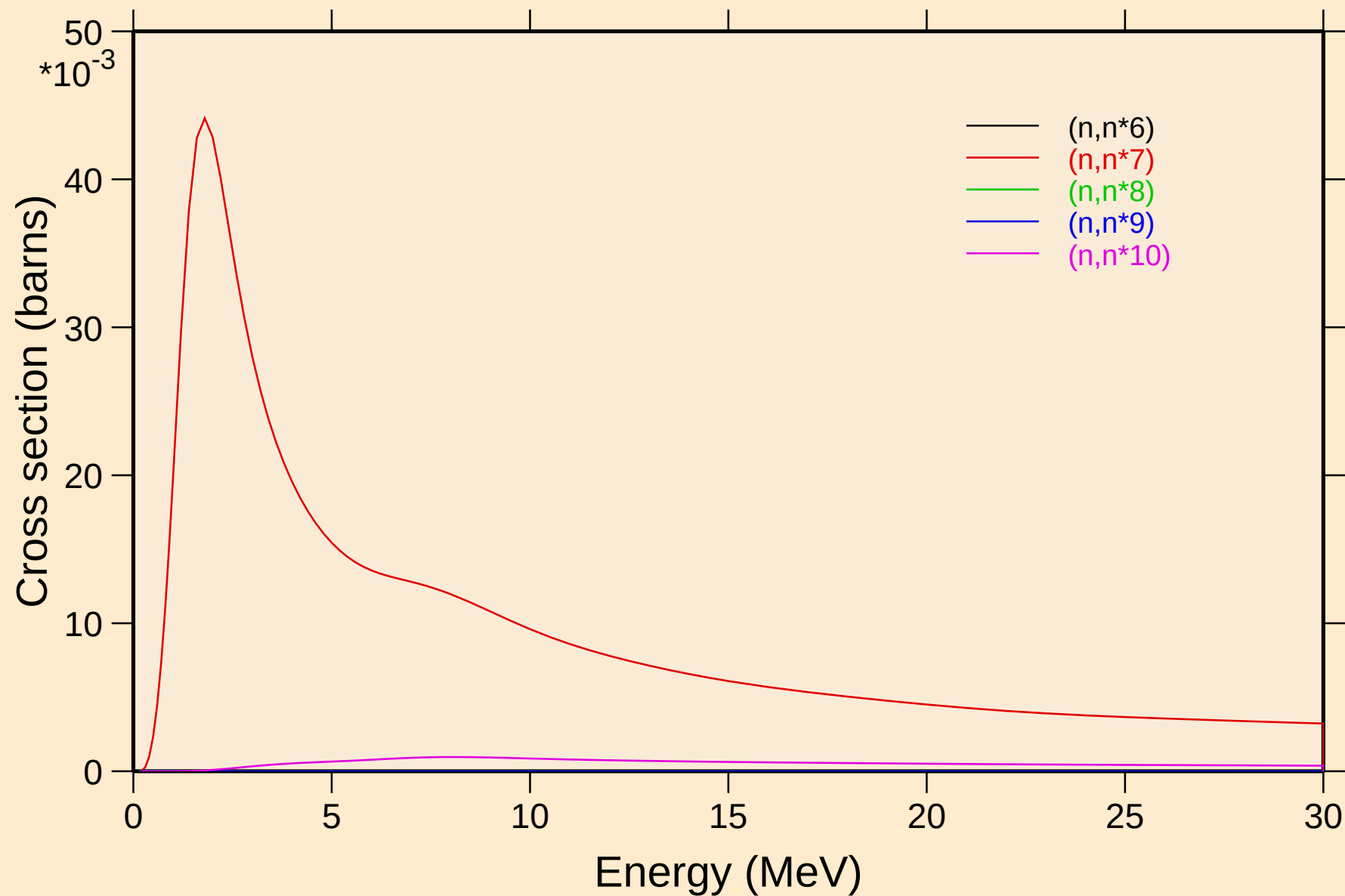
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

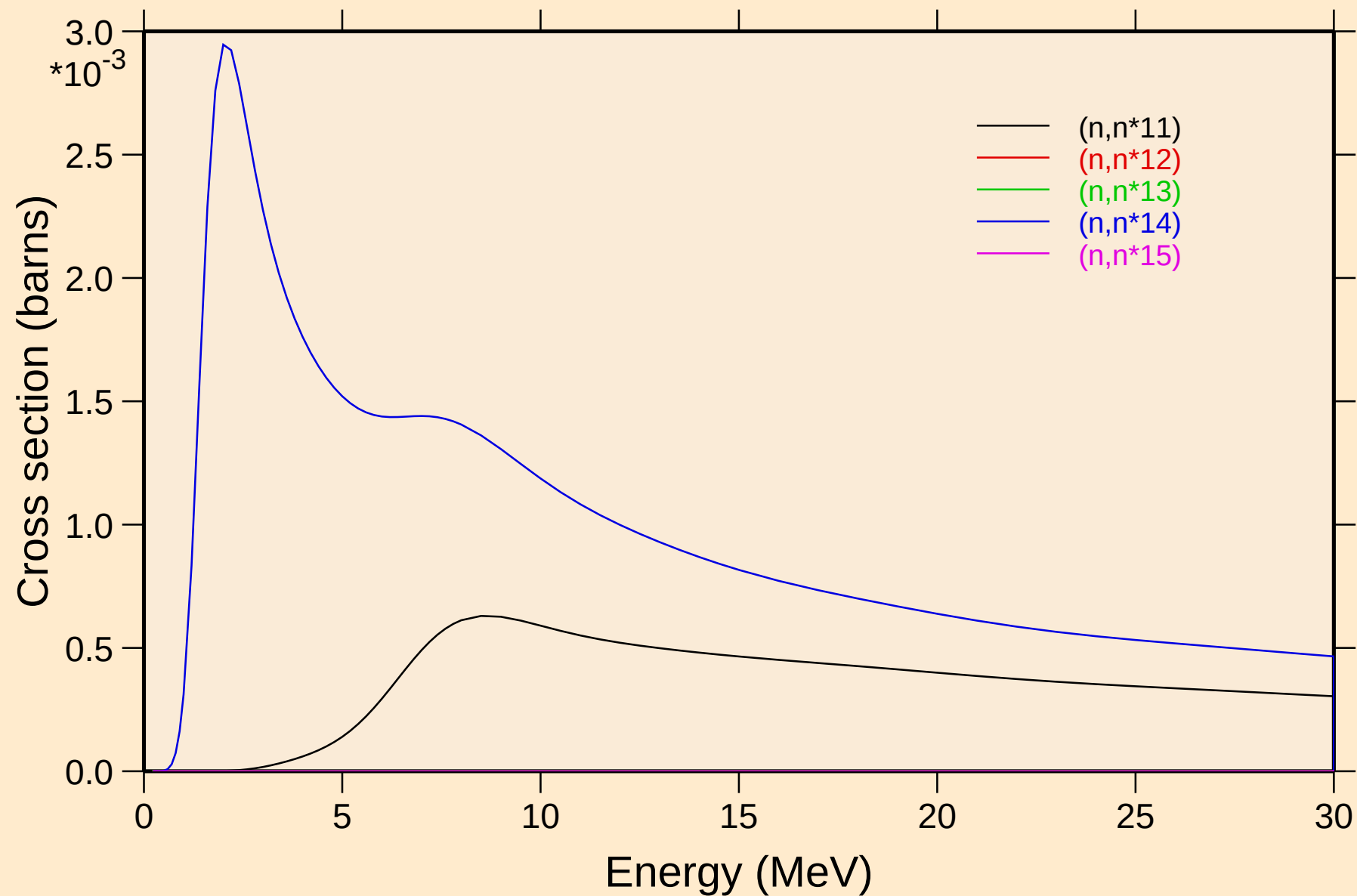
## Inelastic levels





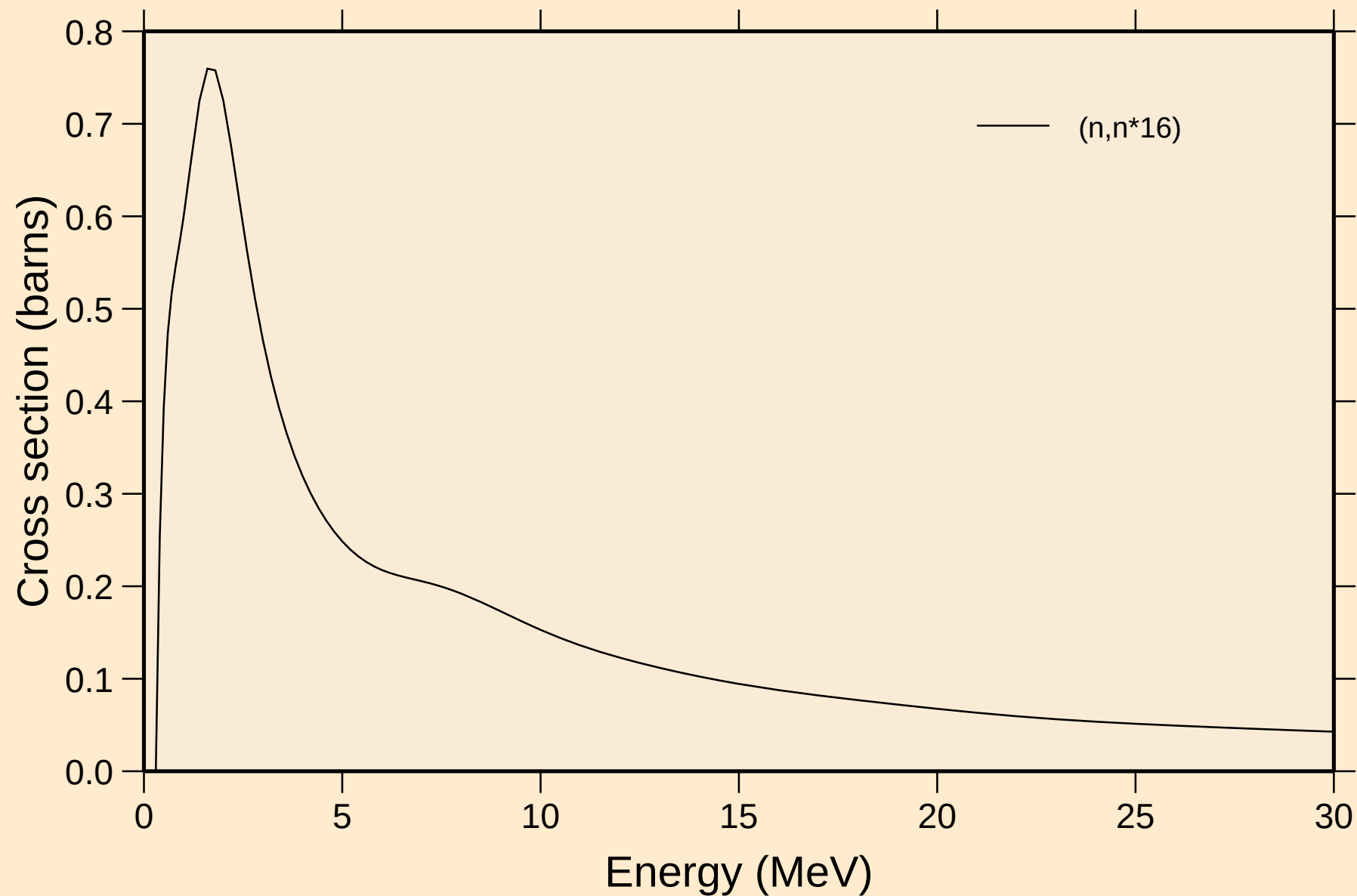
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



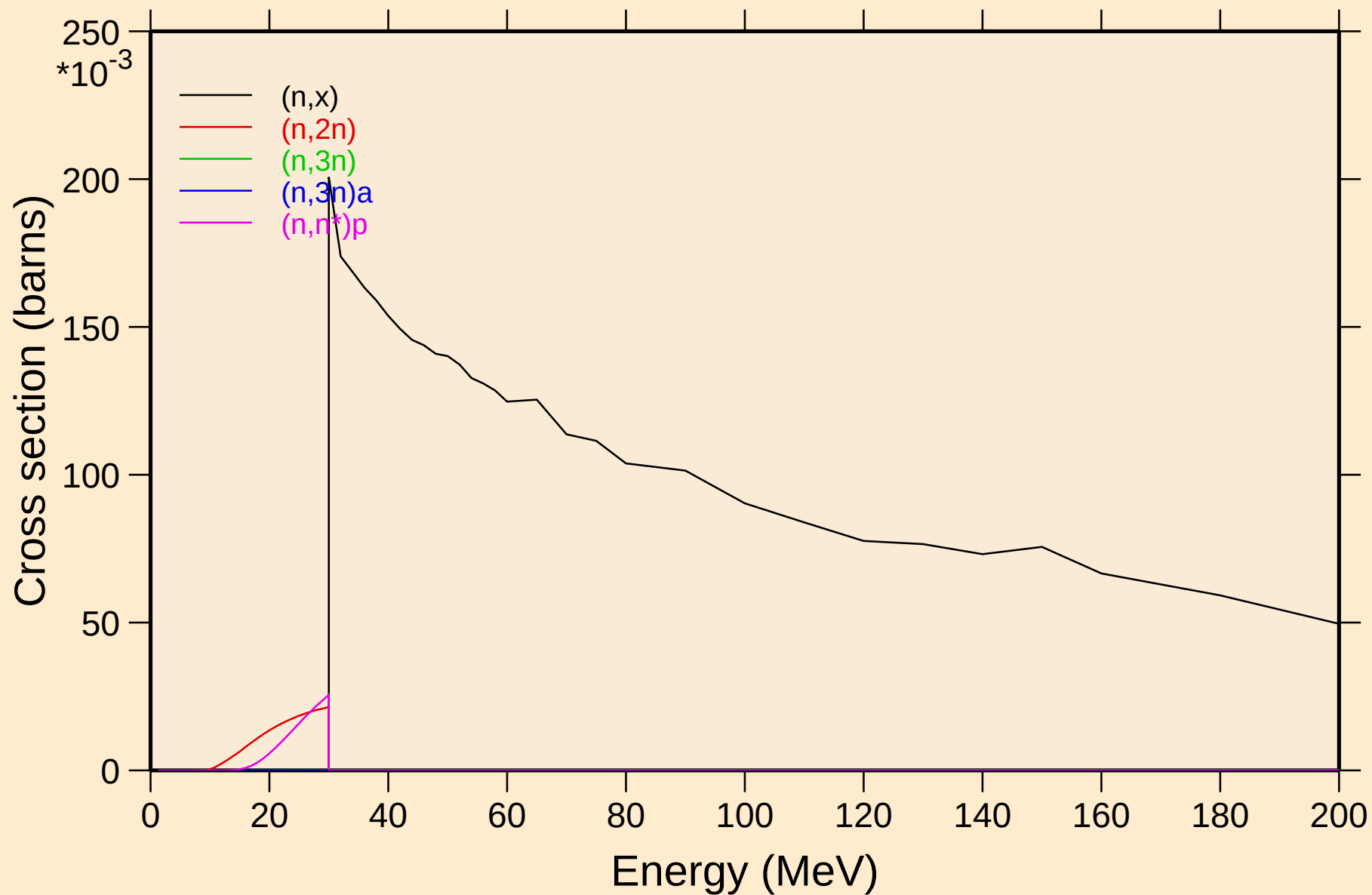
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



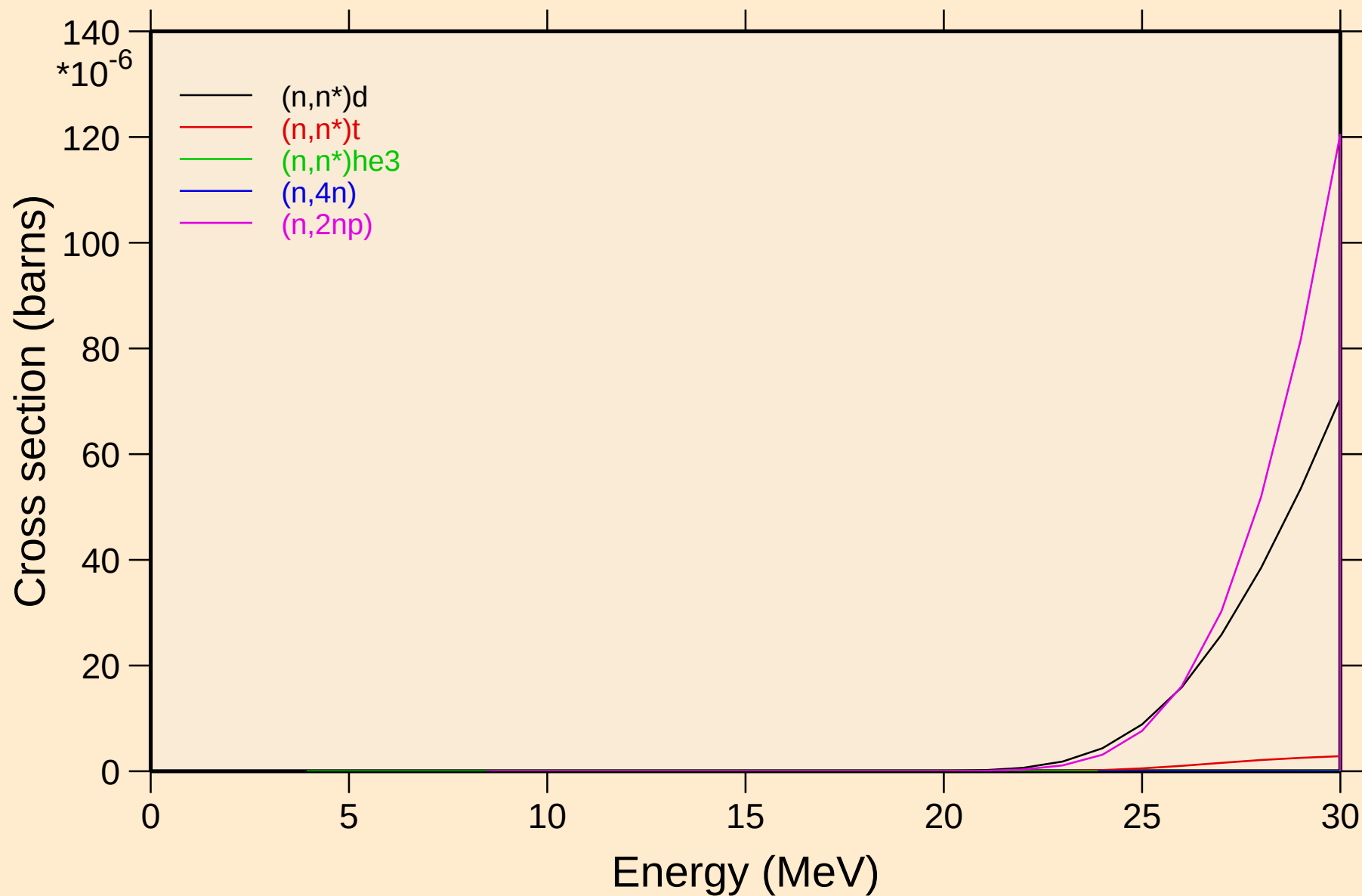
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

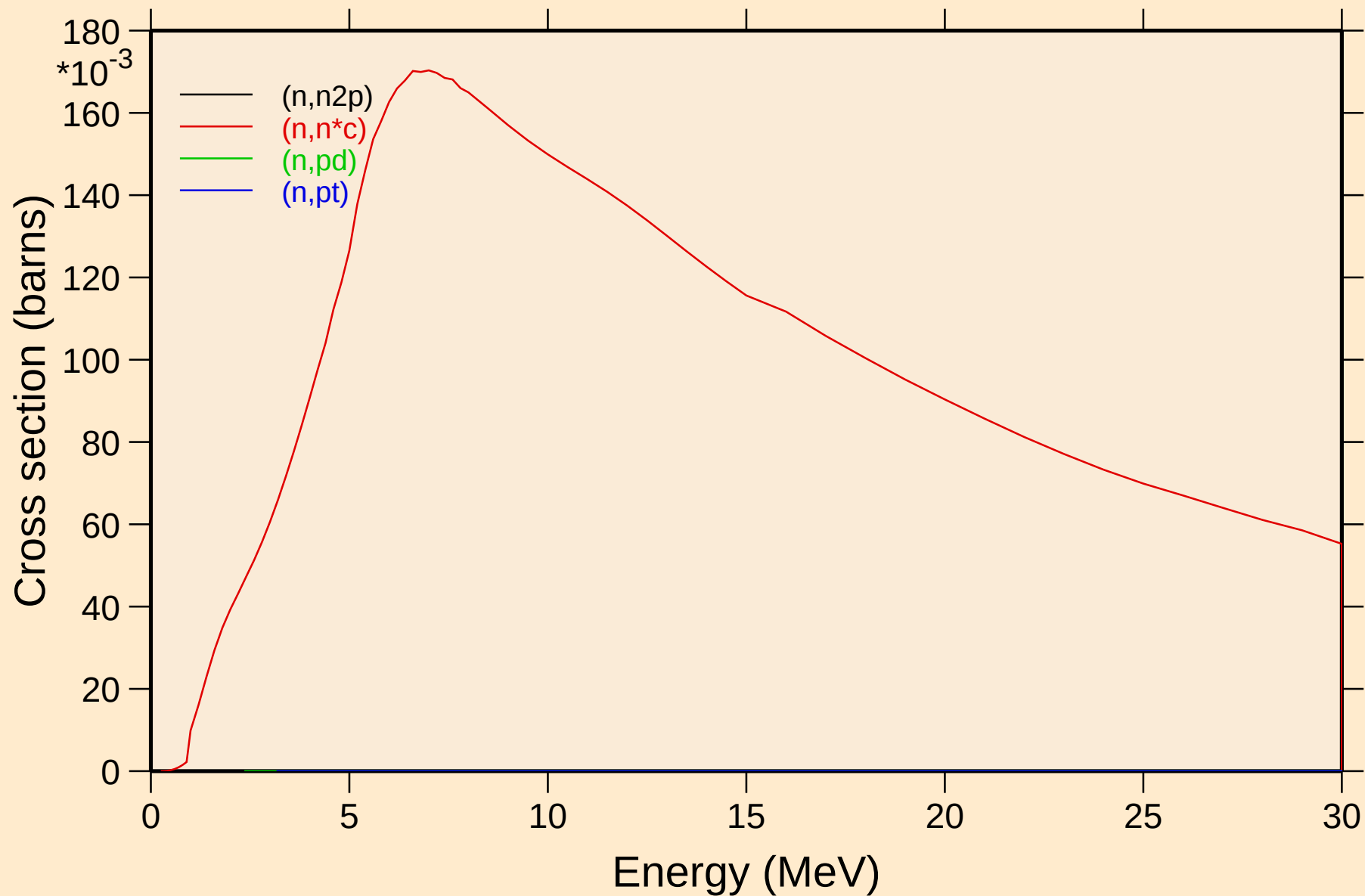


# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

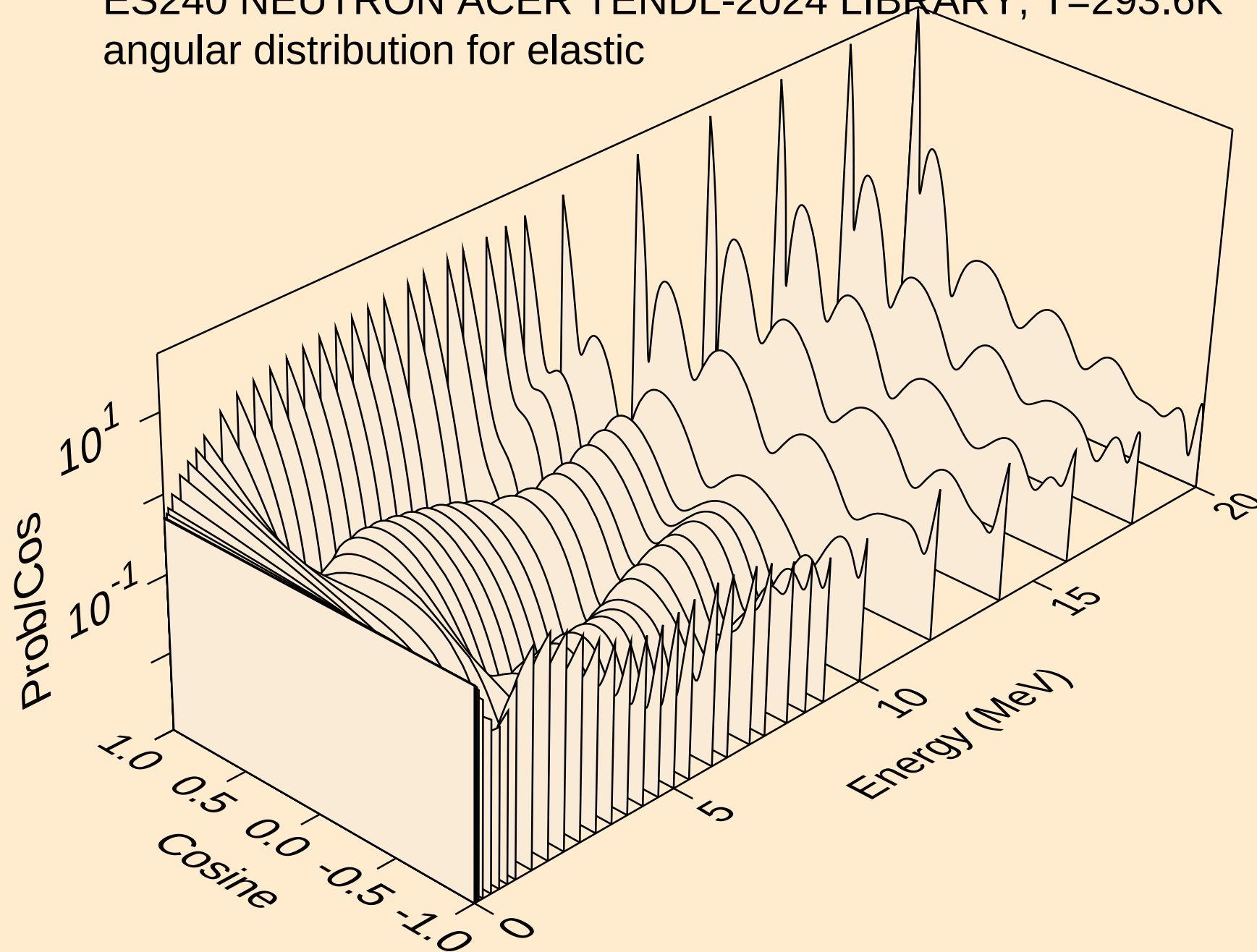
## Threshold reactions



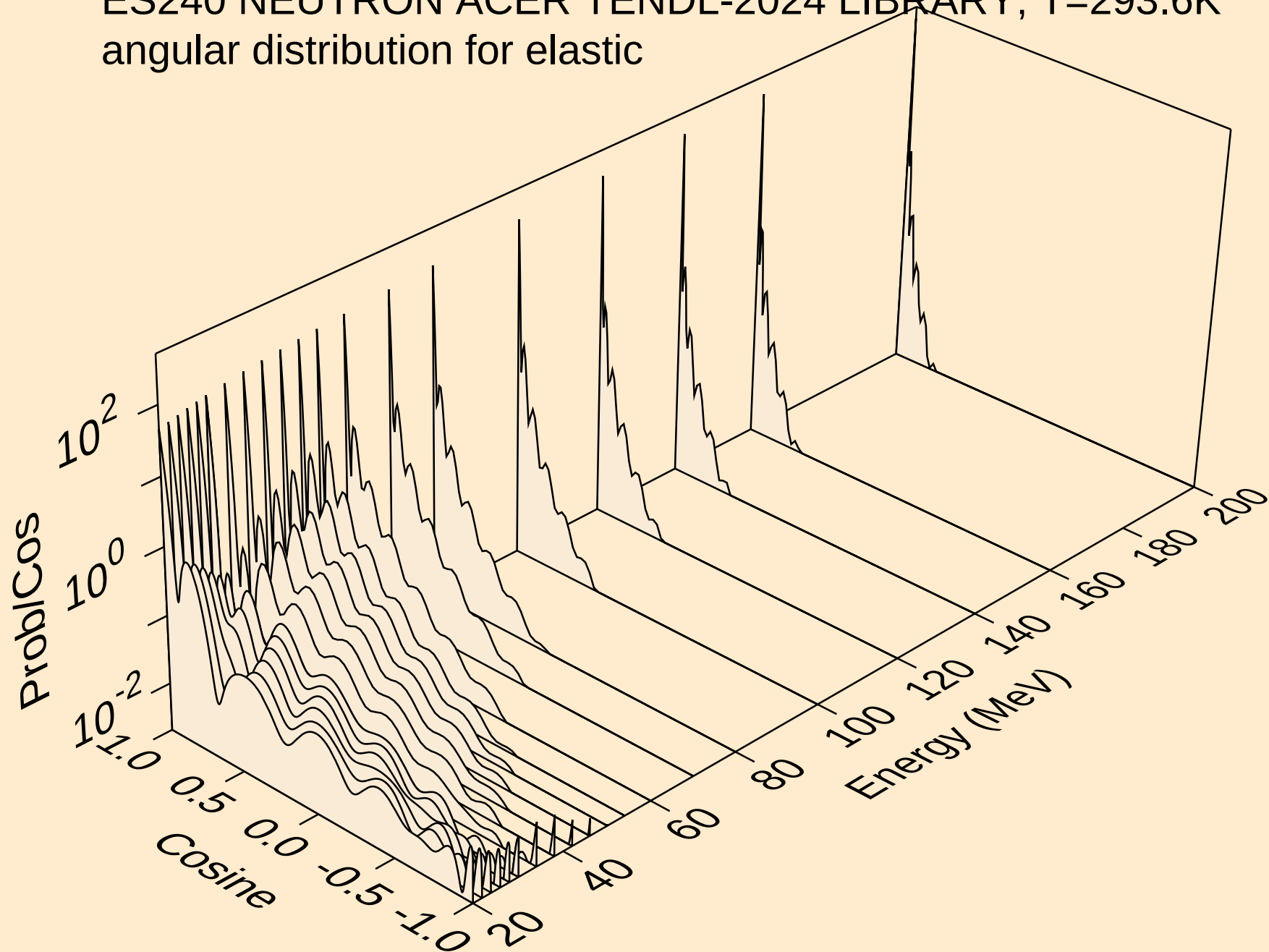
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



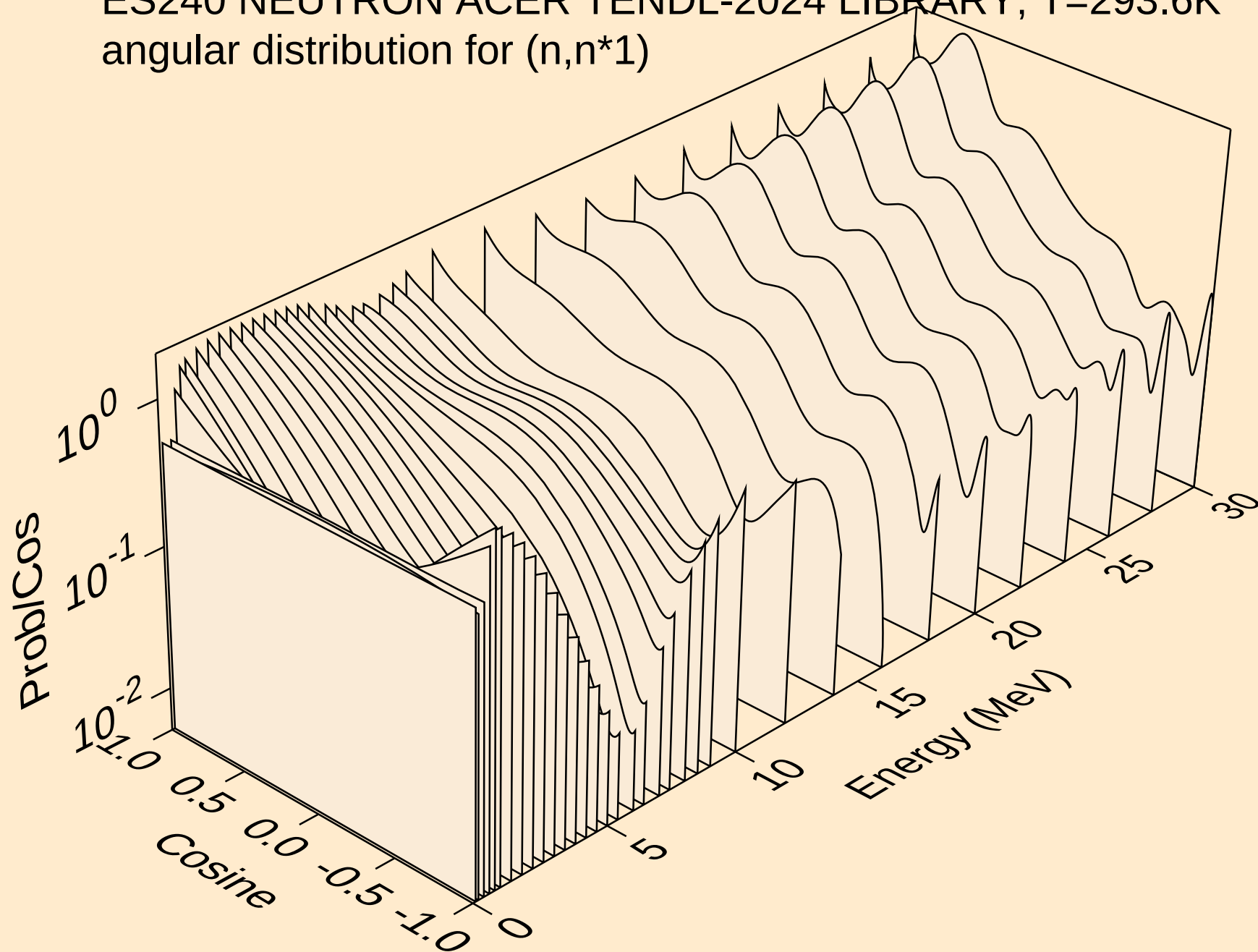
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic

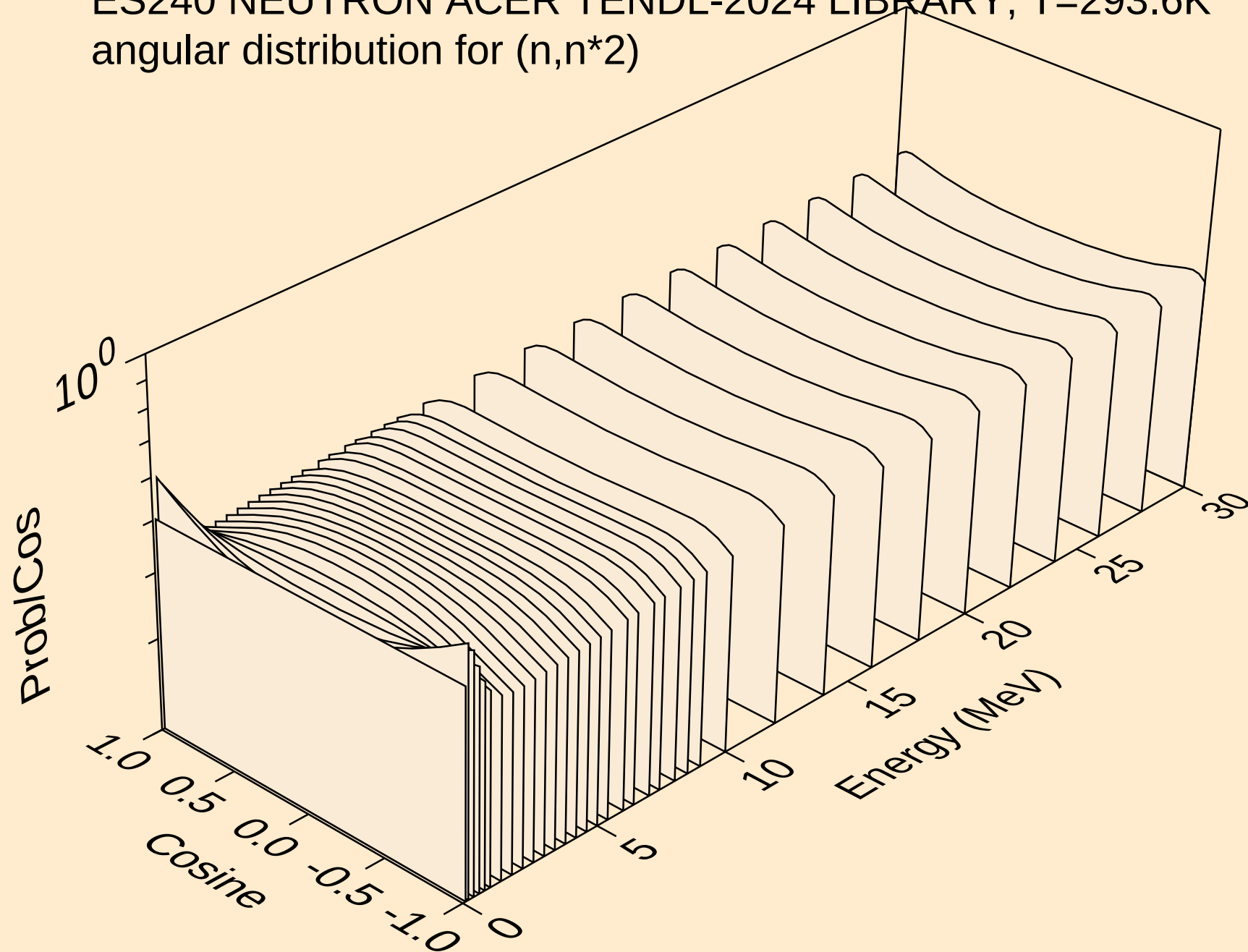


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

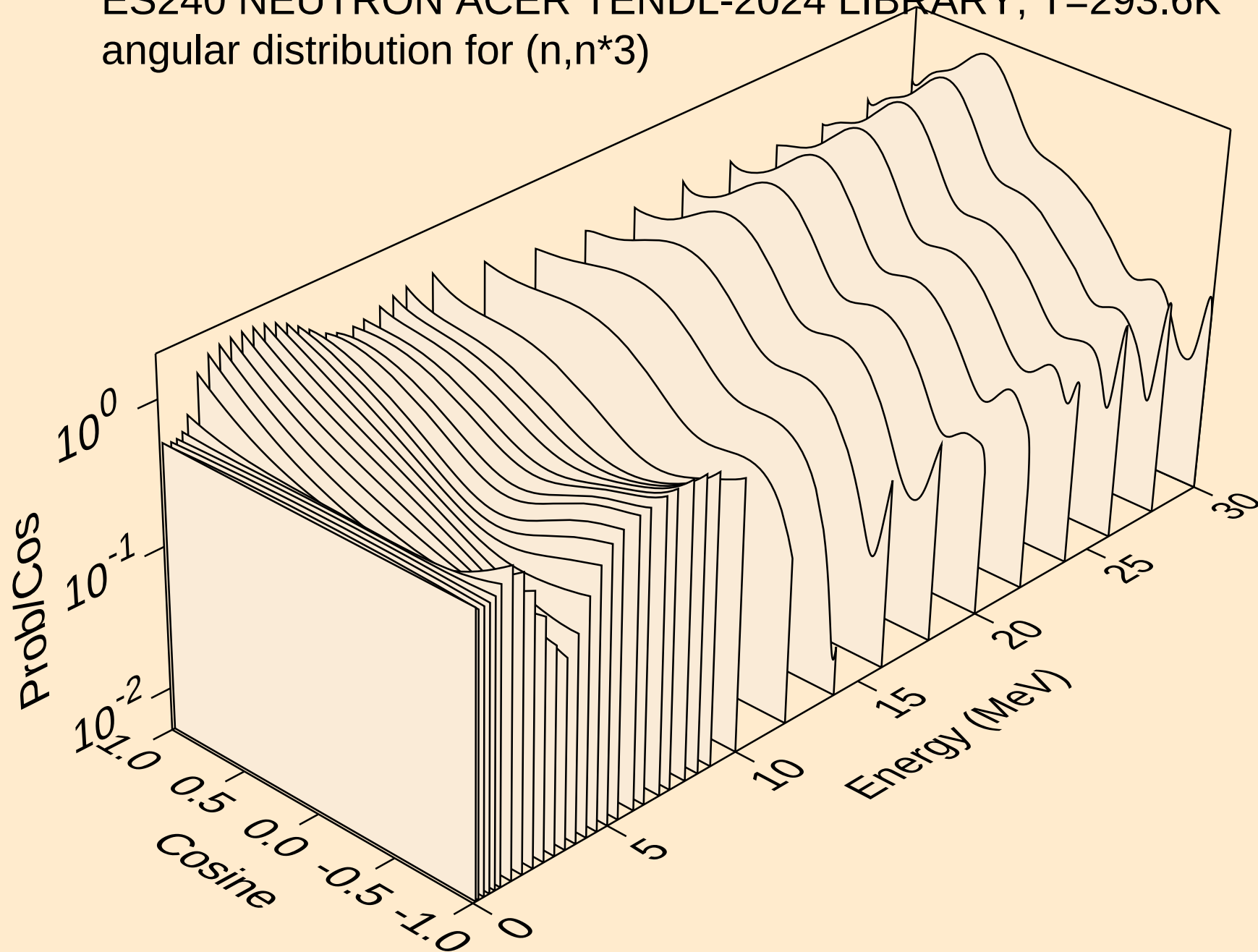




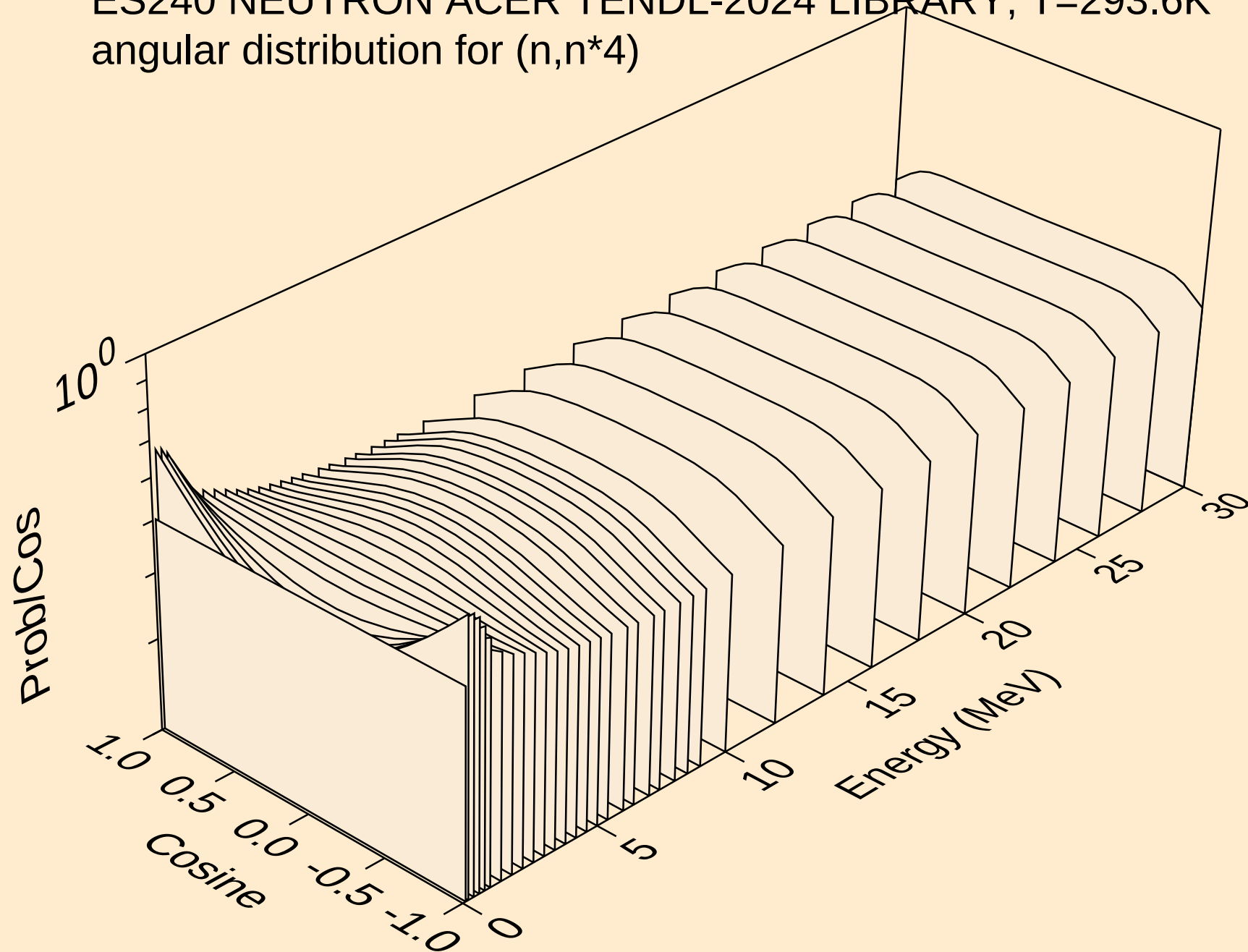
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angular distribution for (n,n\*2)



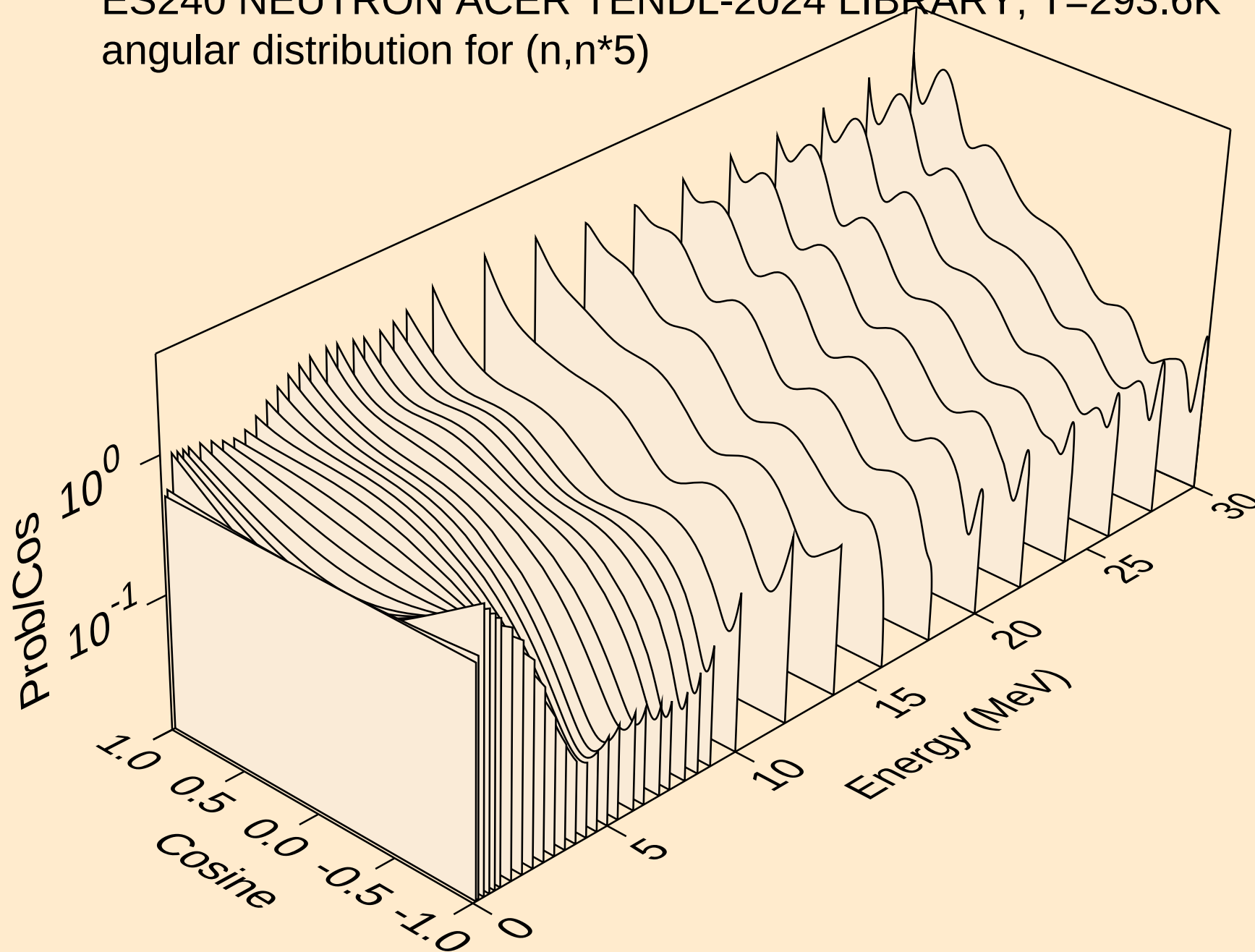
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



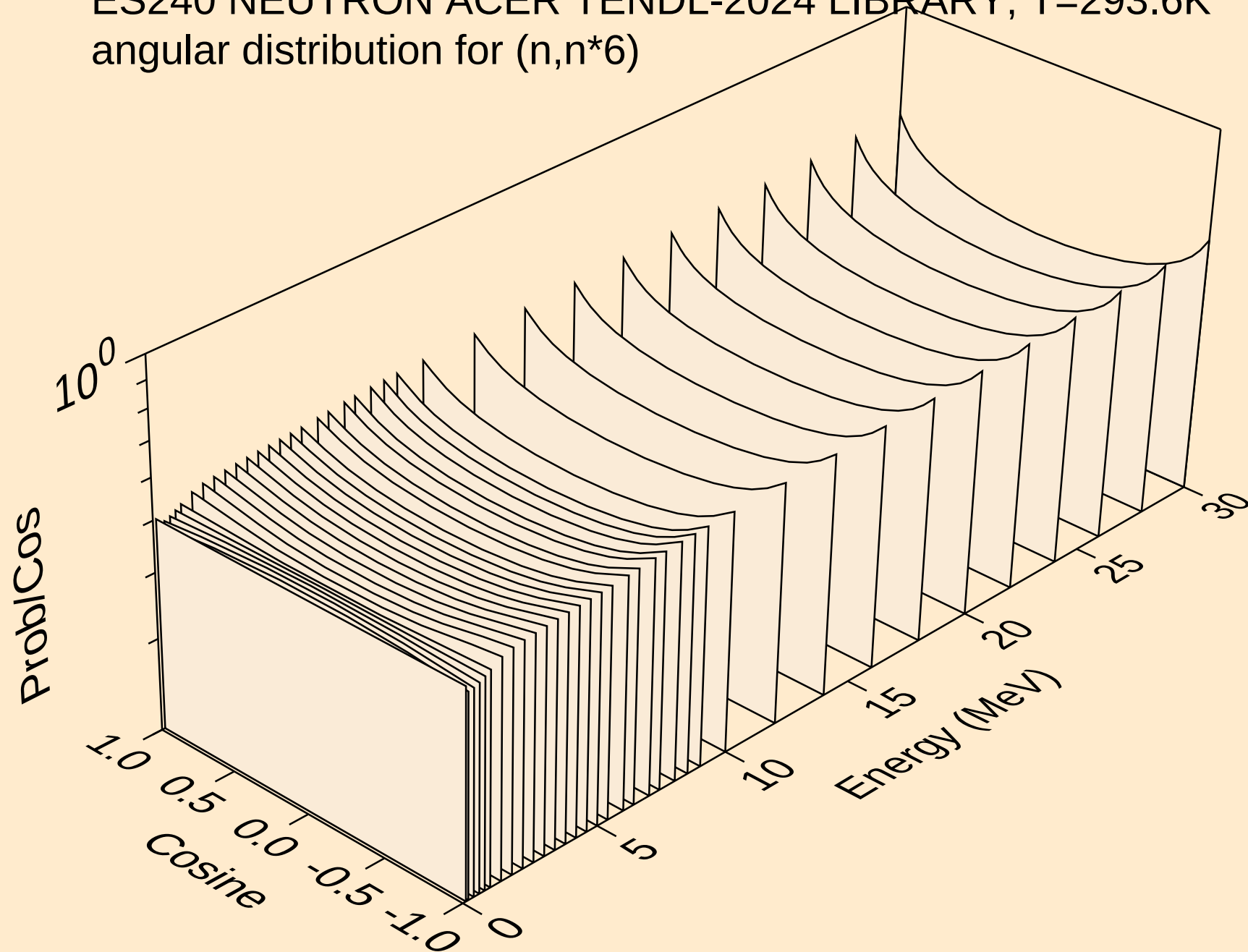
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



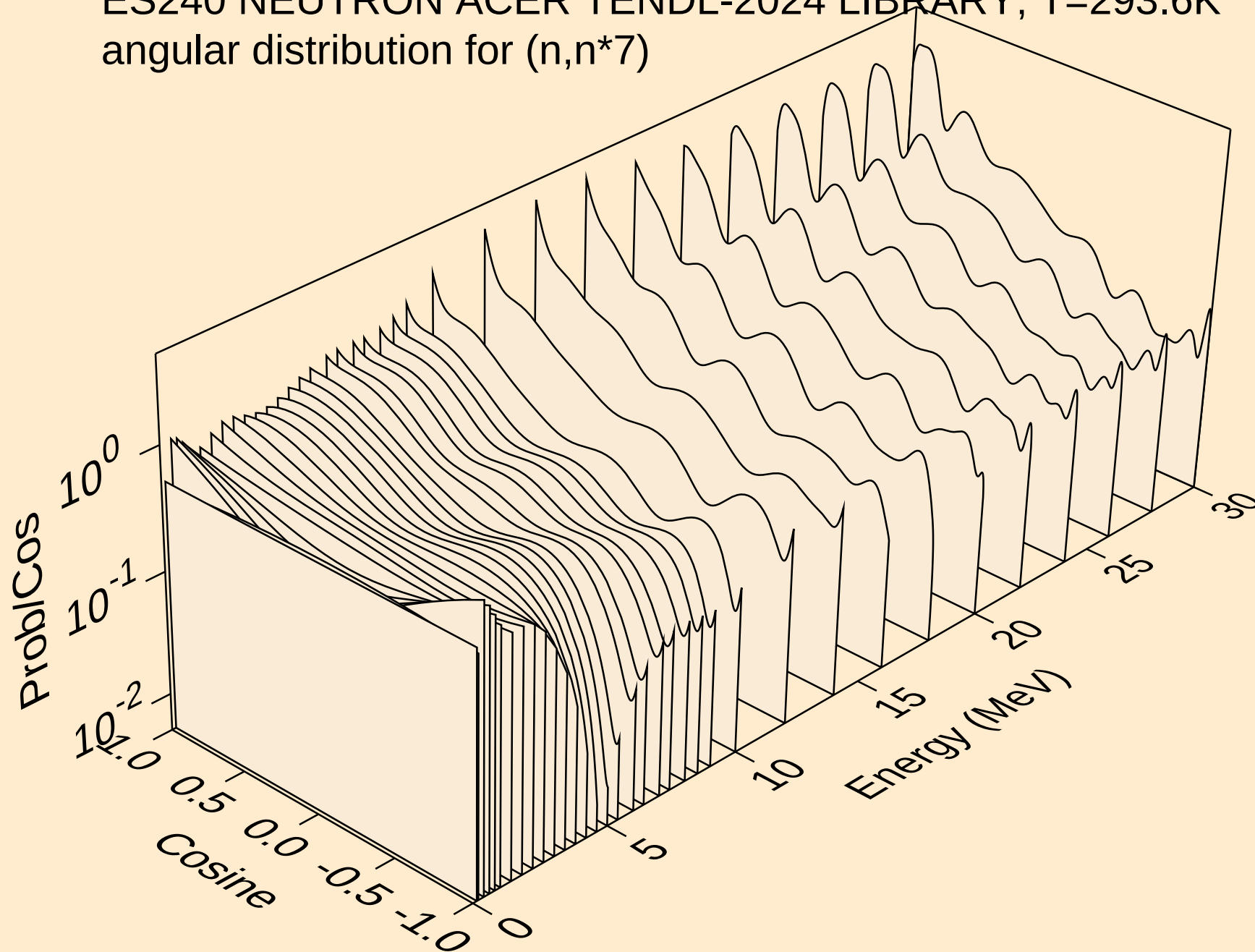
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



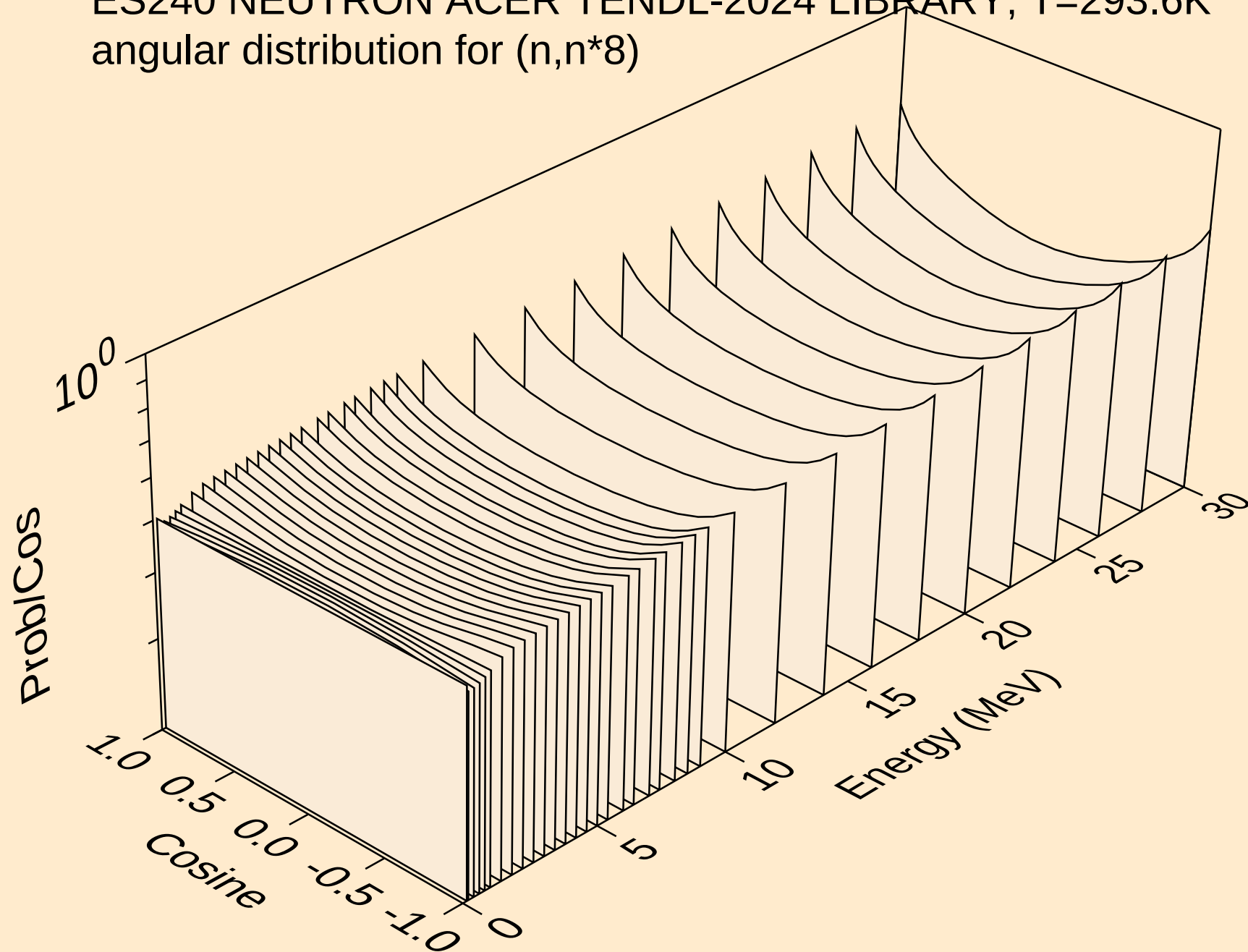
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



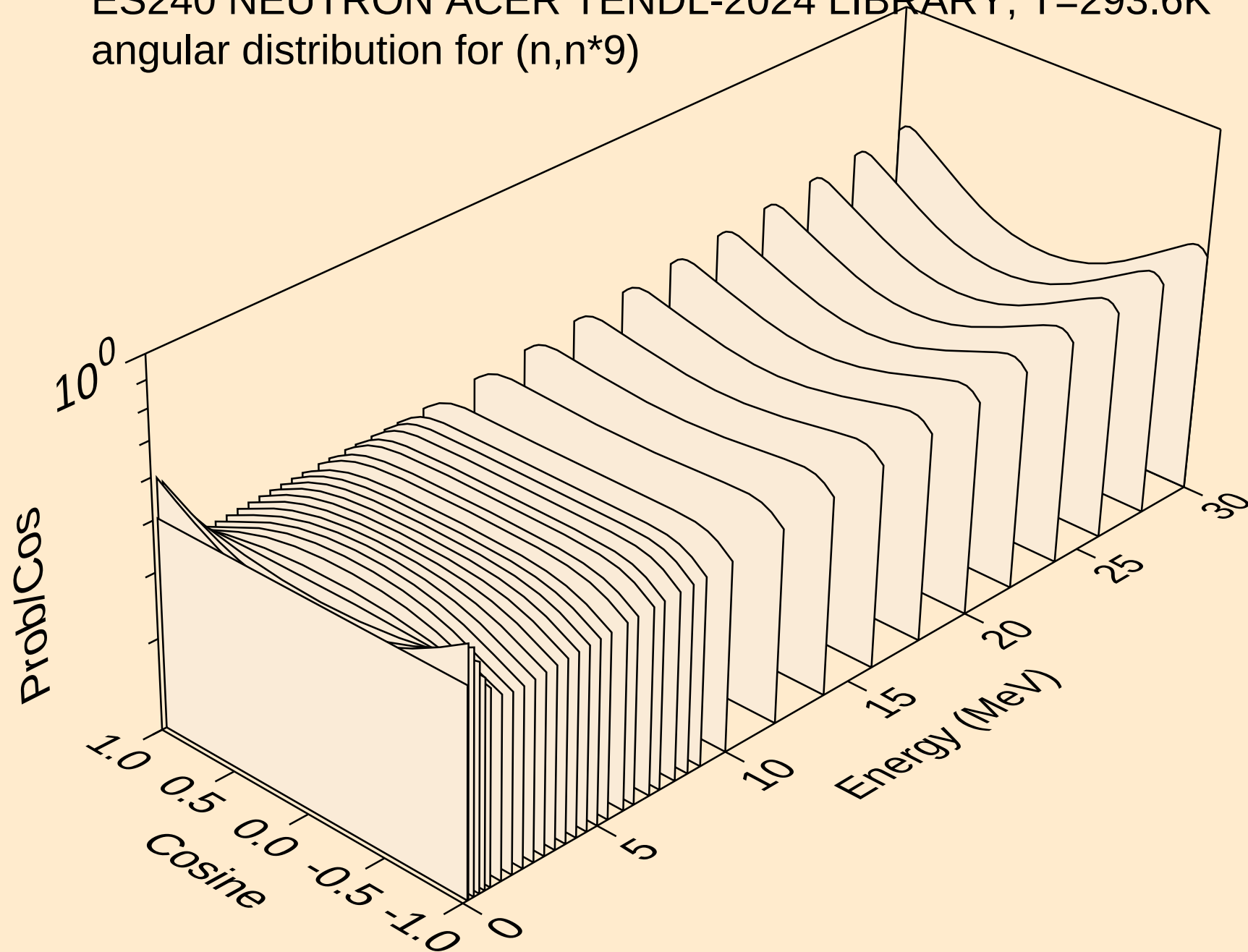
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

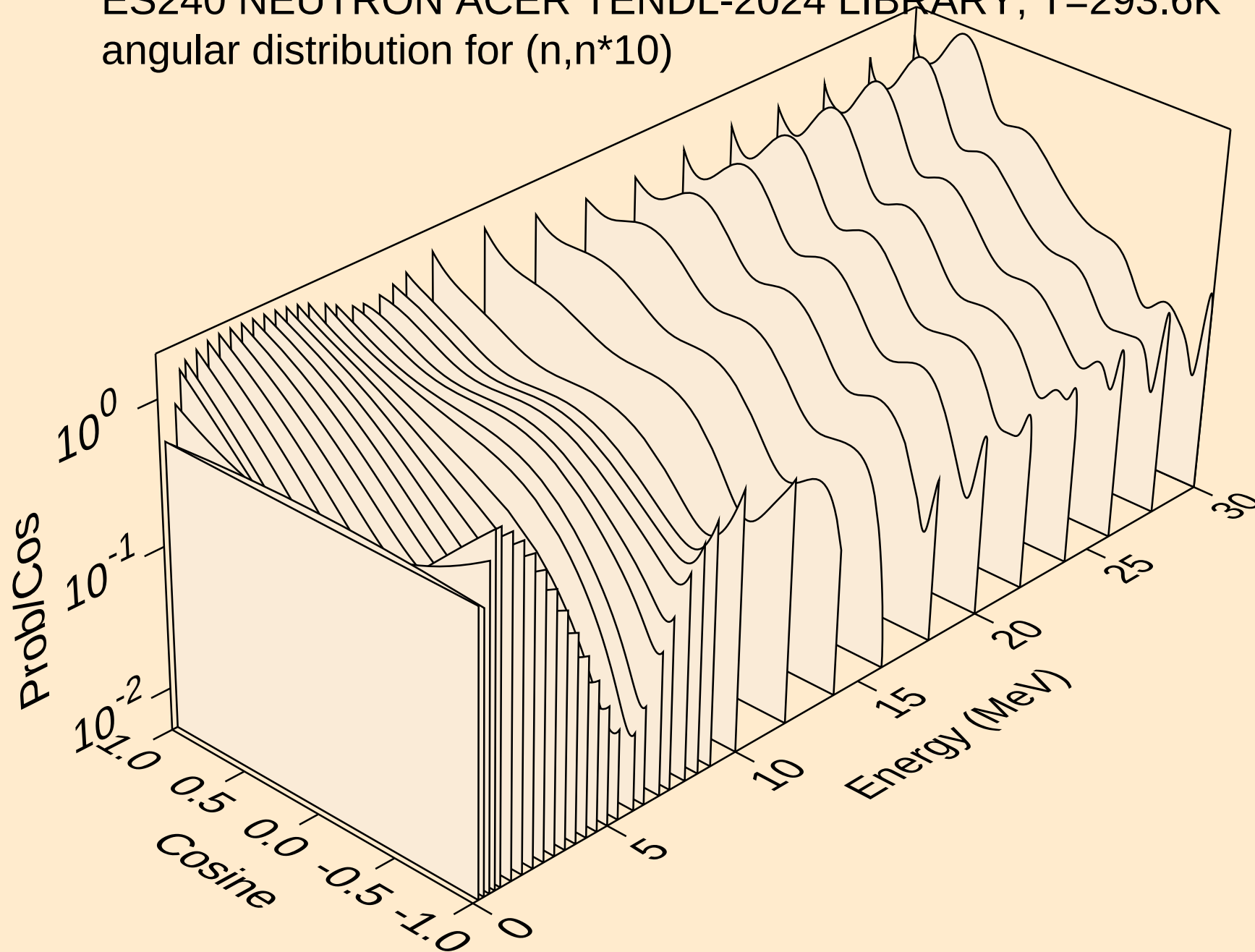


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

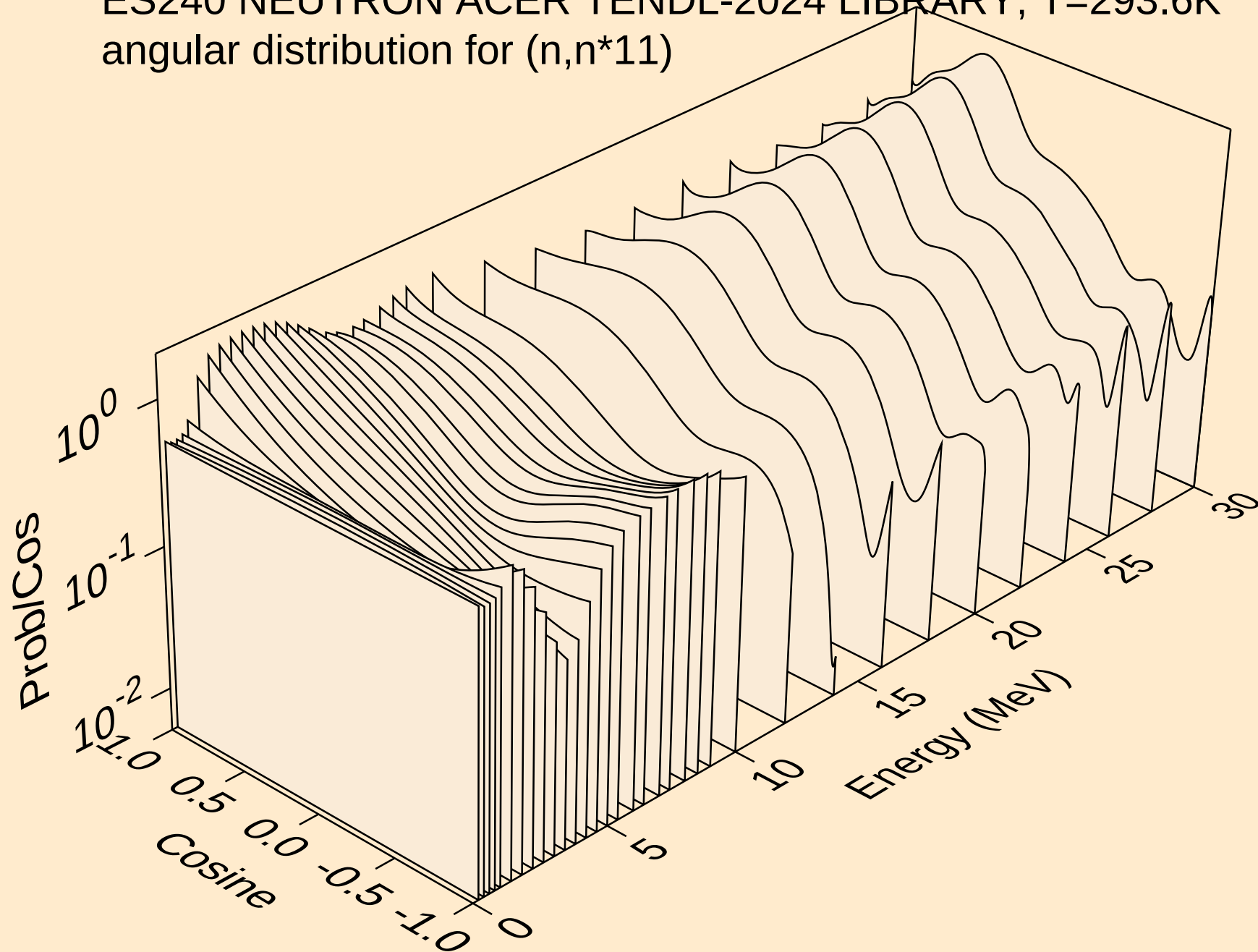




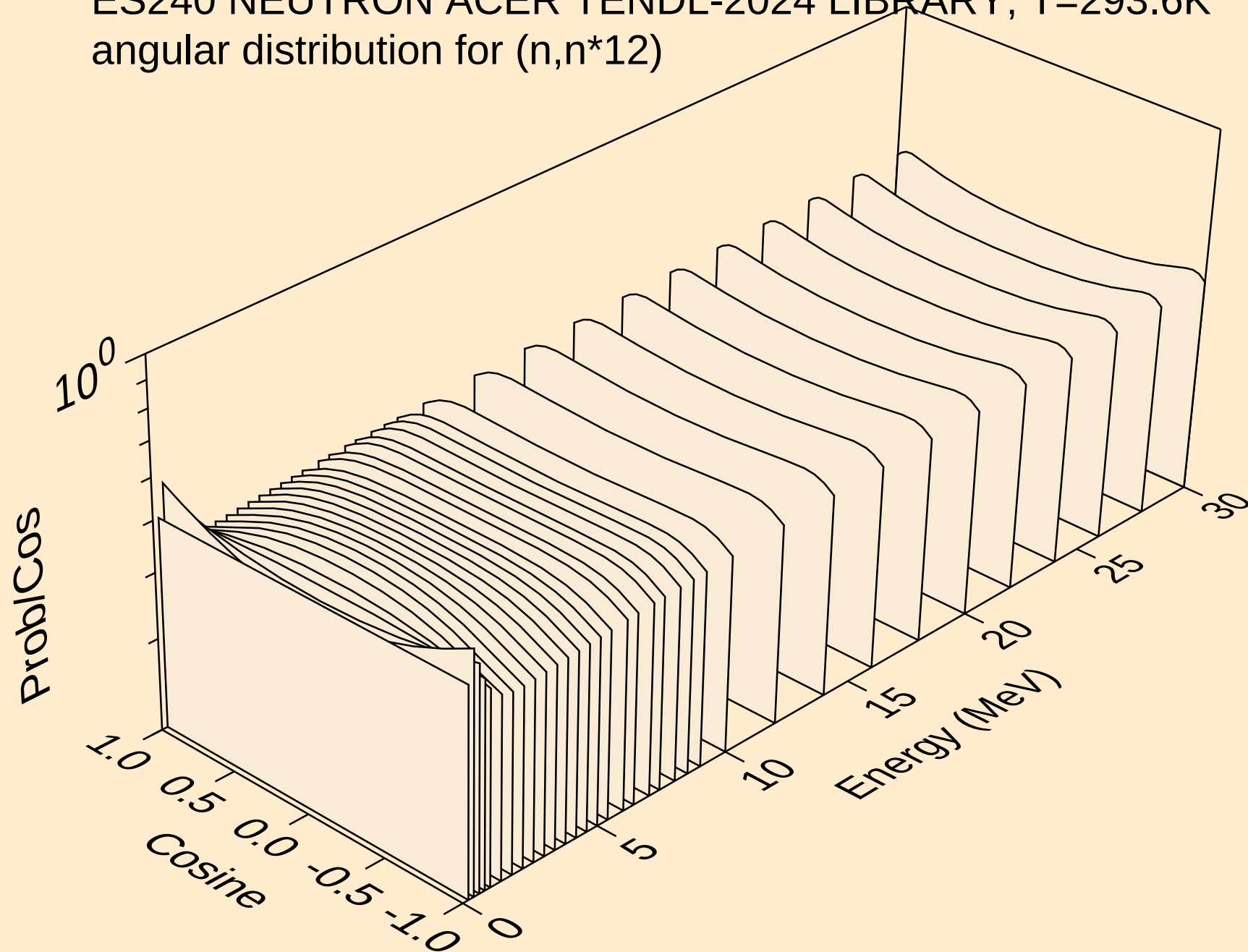
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



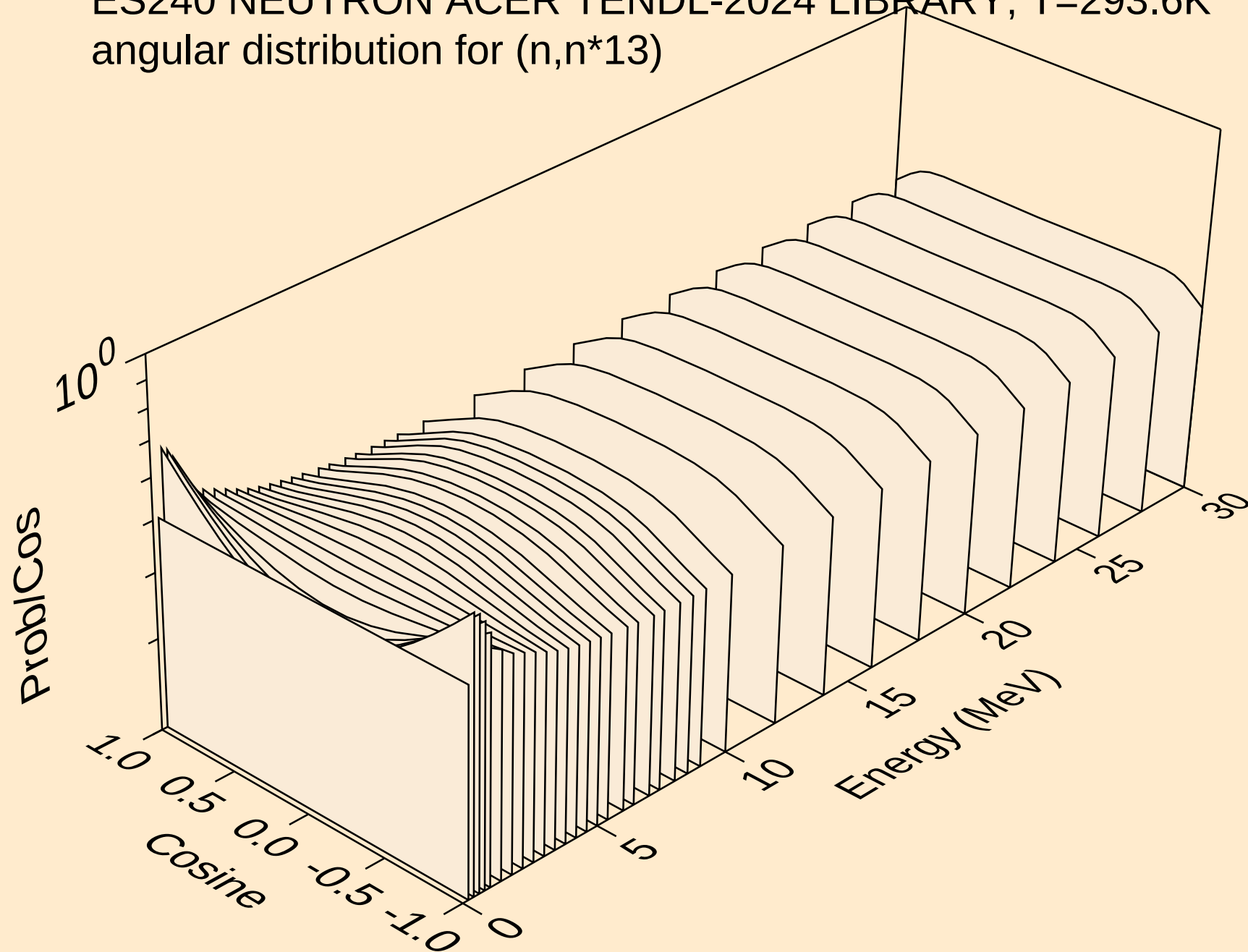
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



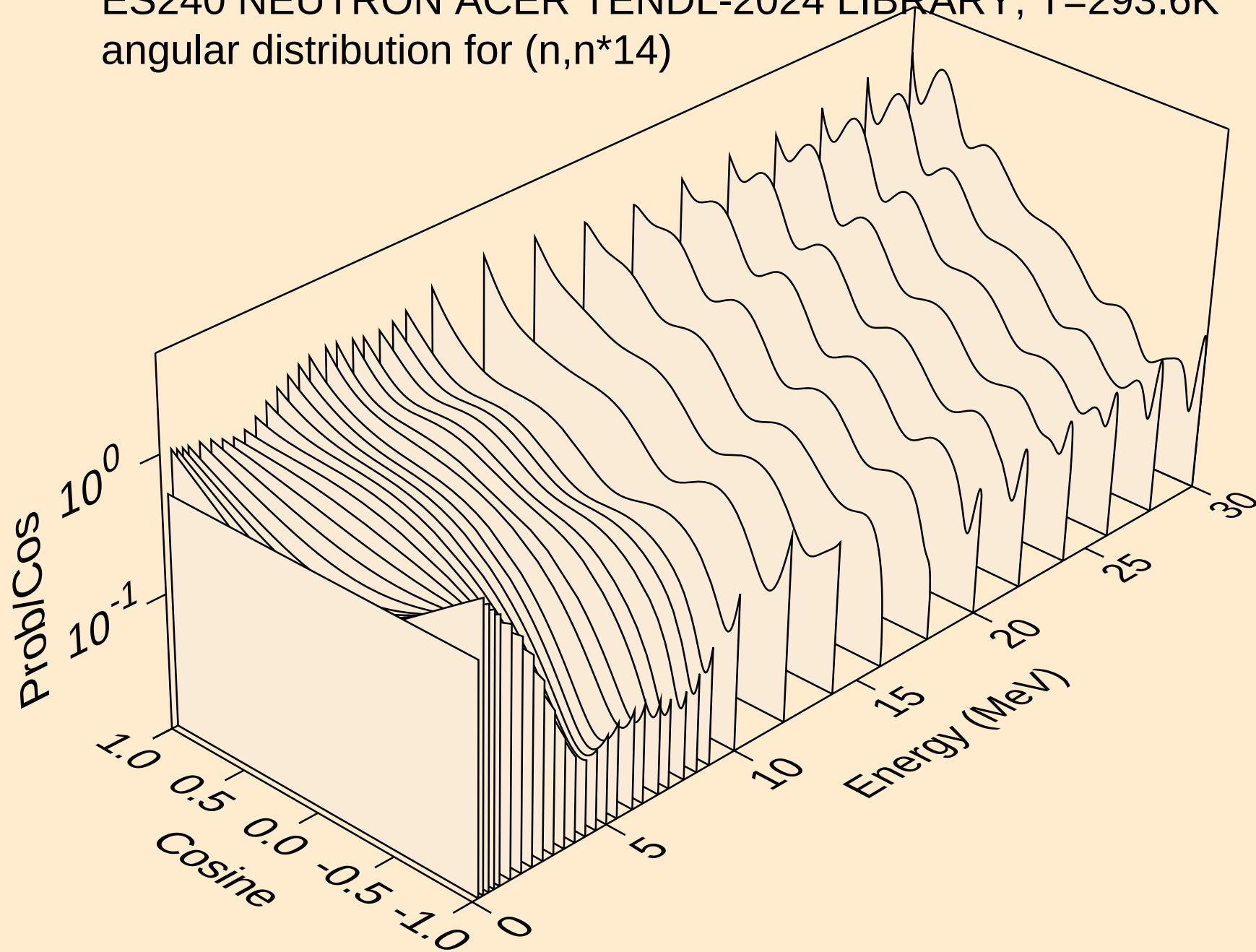
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



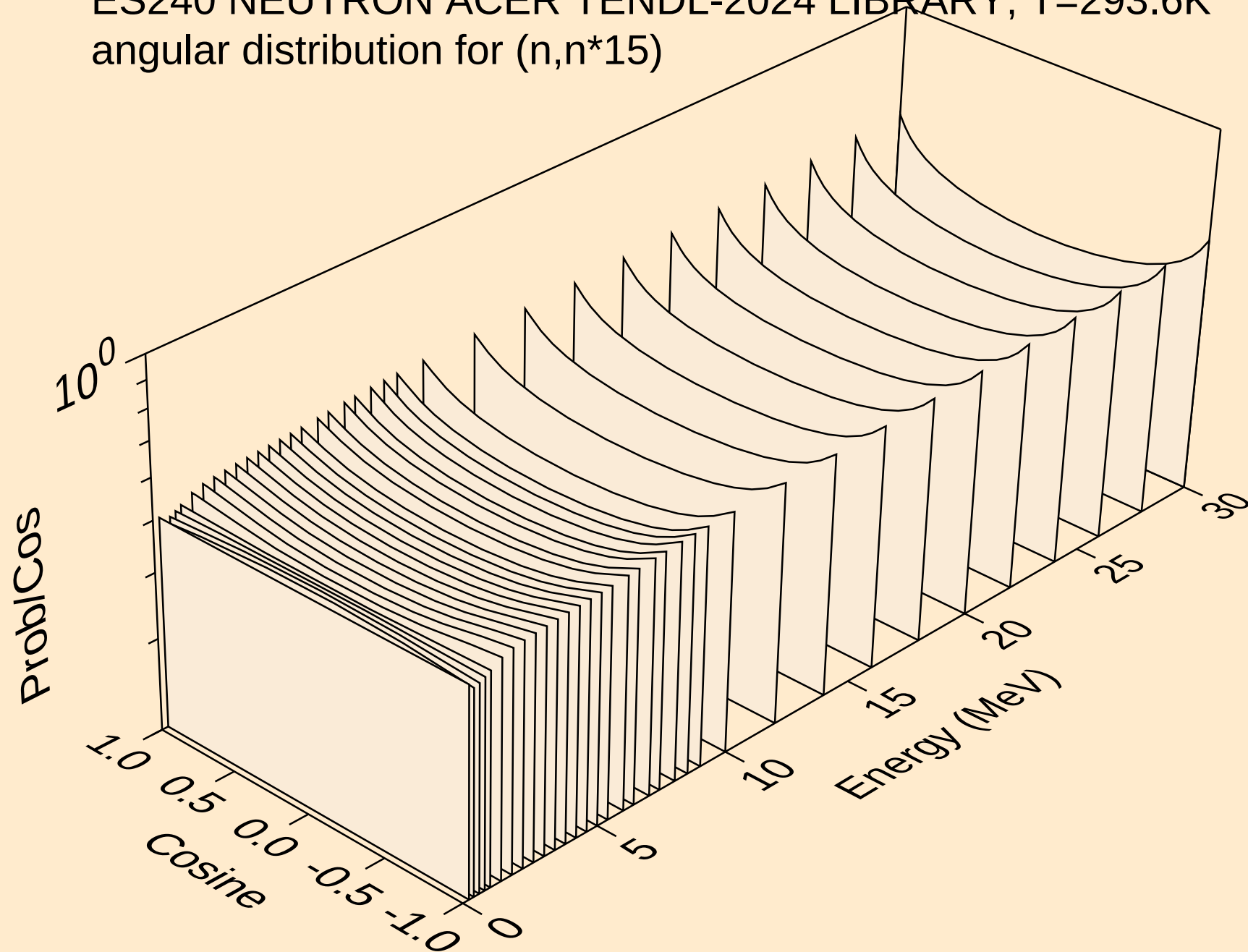
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



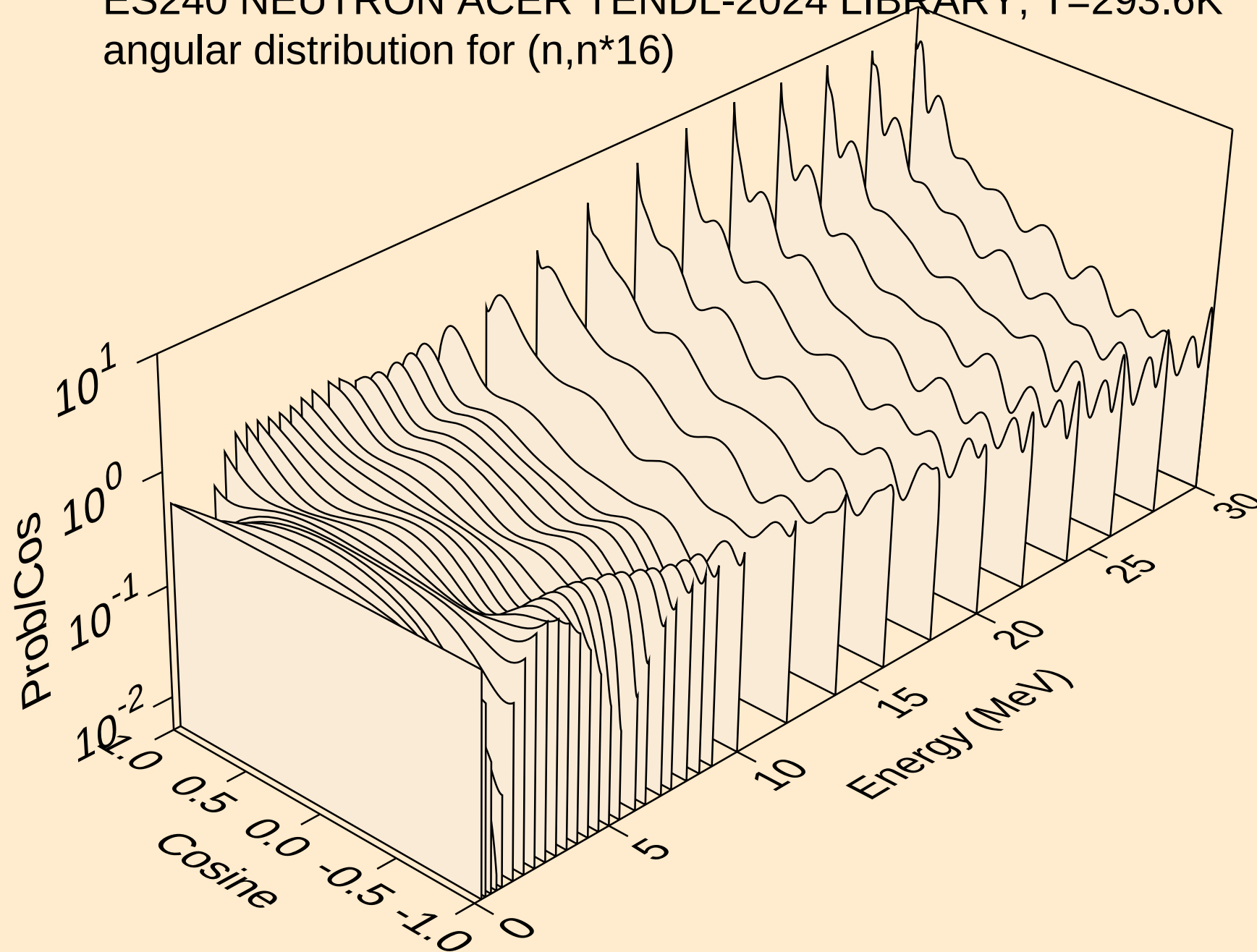
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

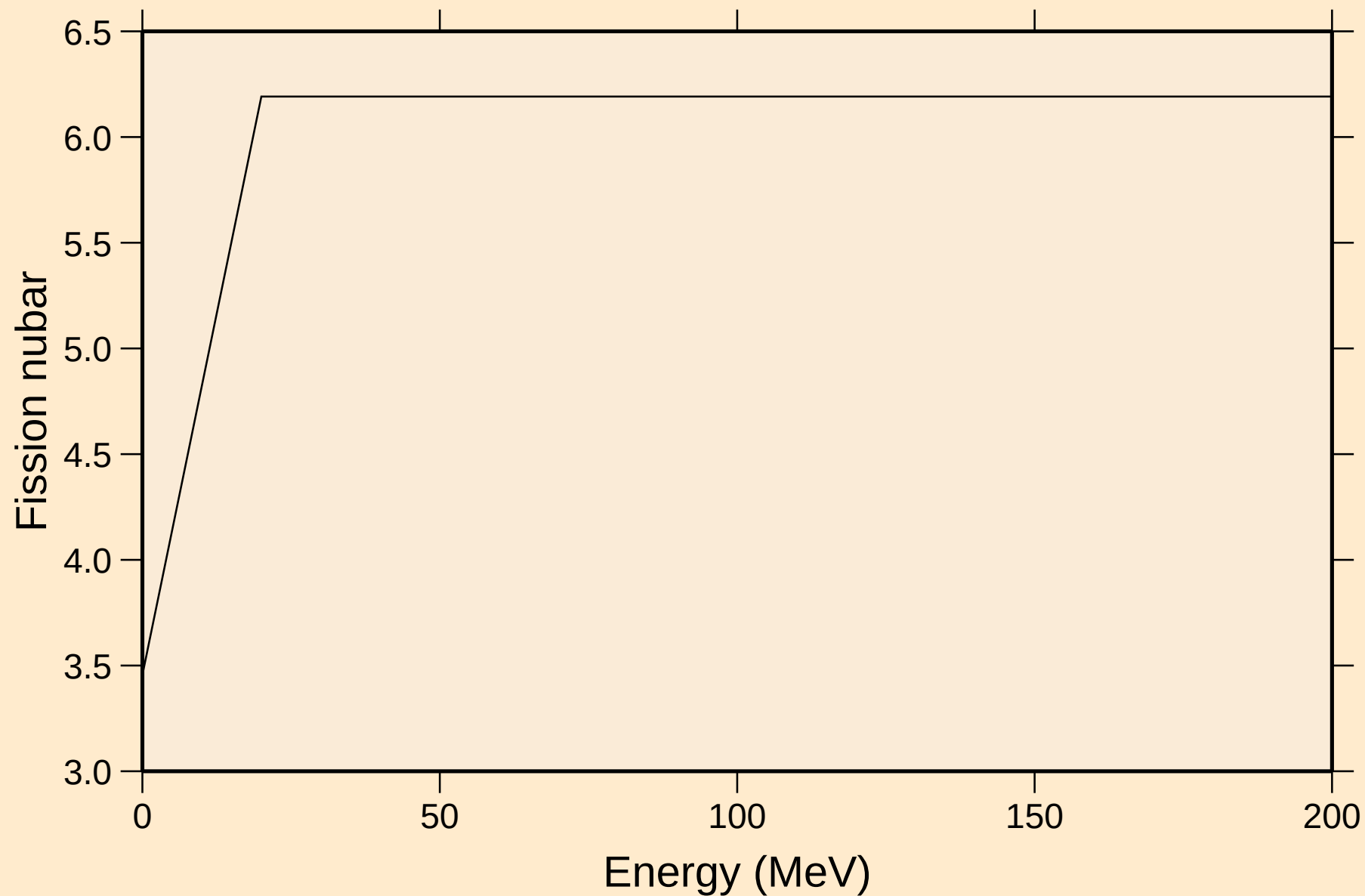


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



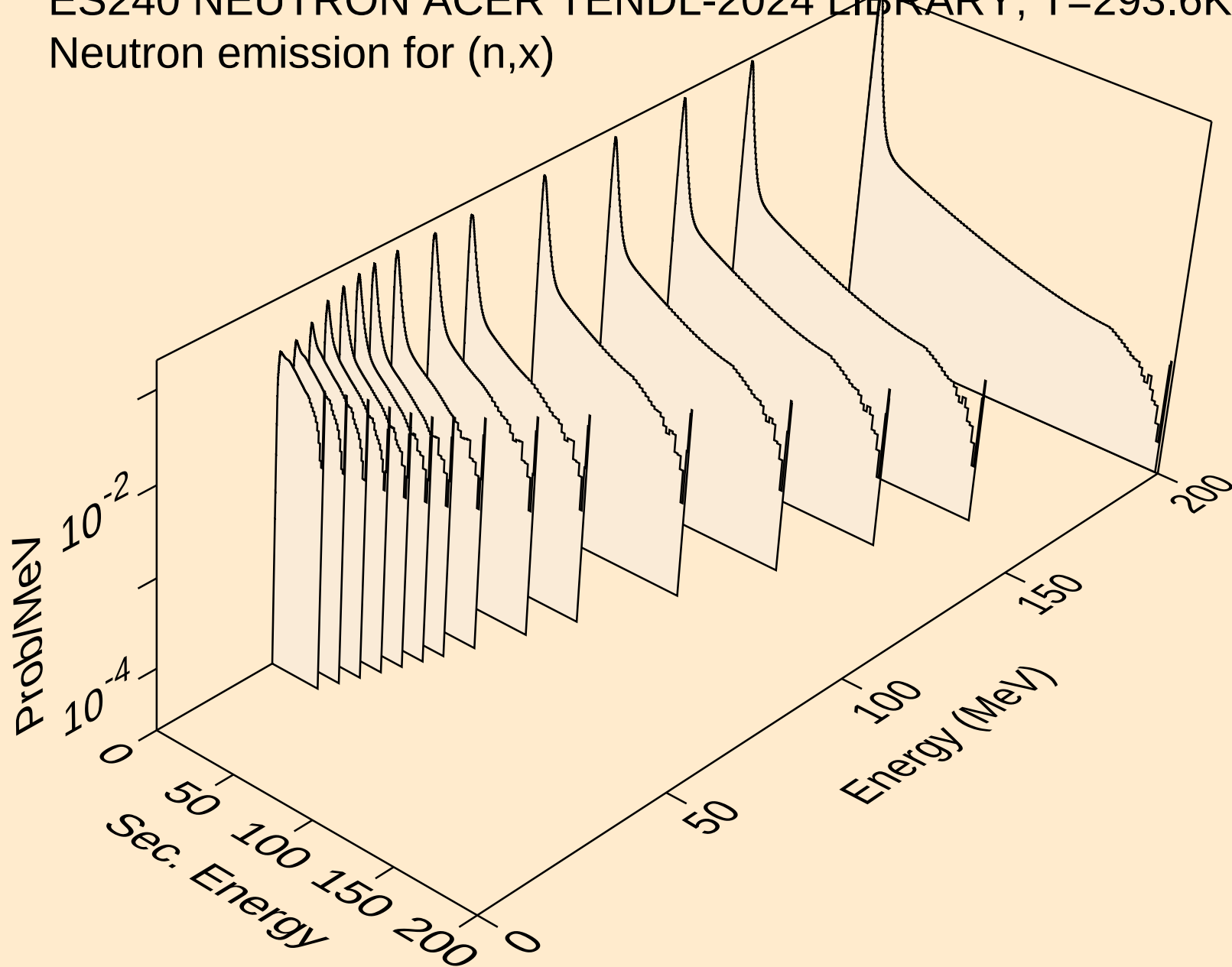
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Total fission nubar

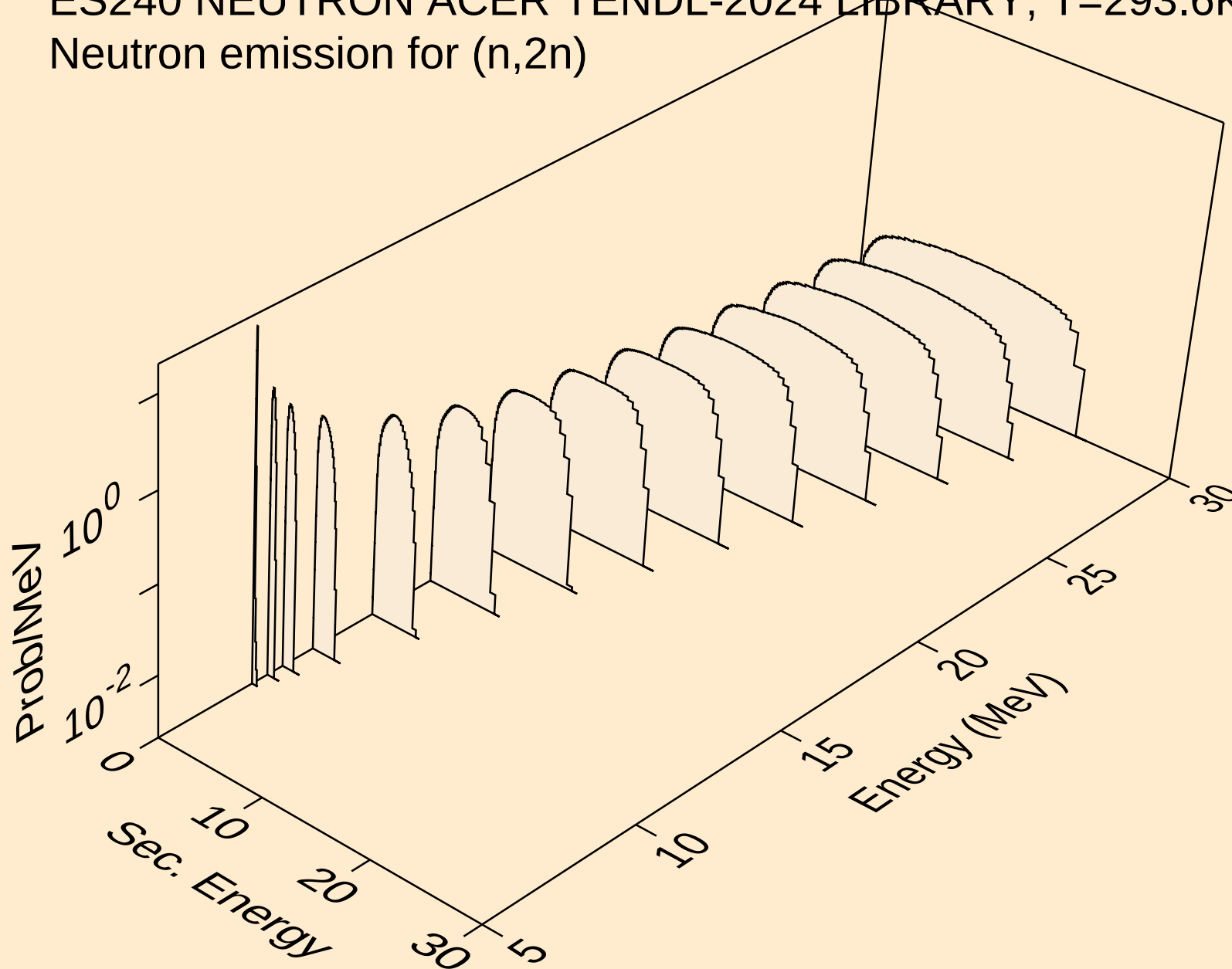




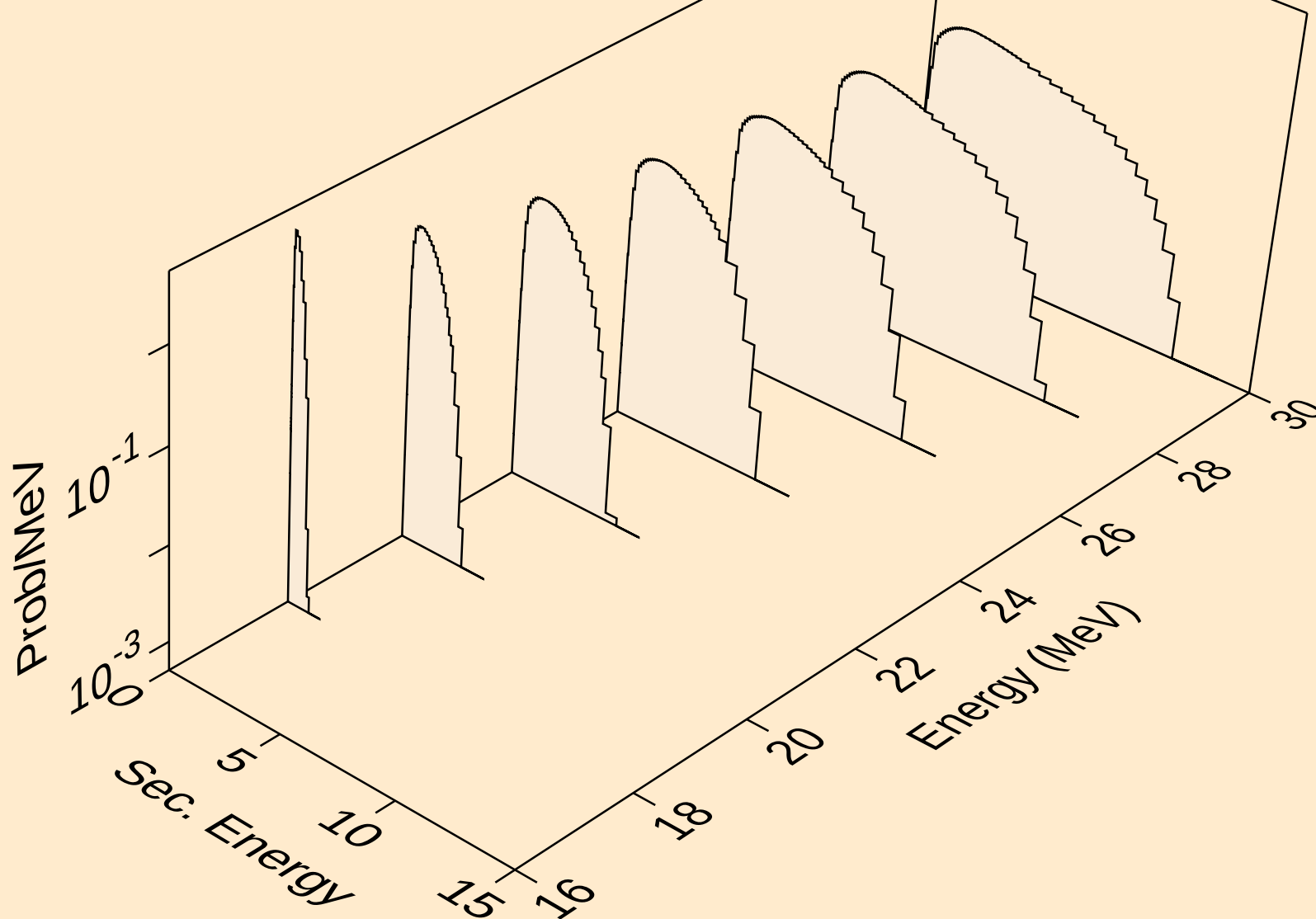
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



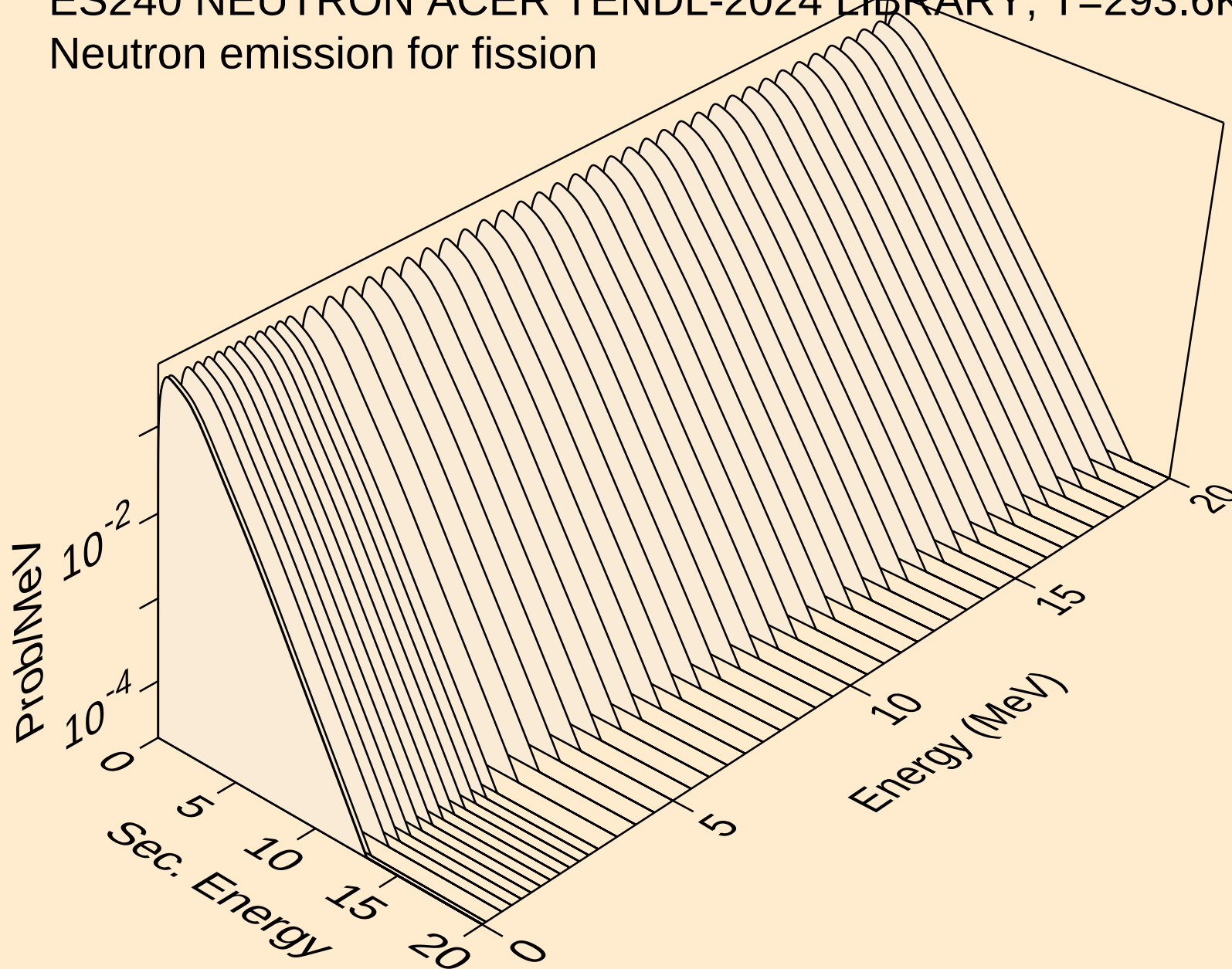
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

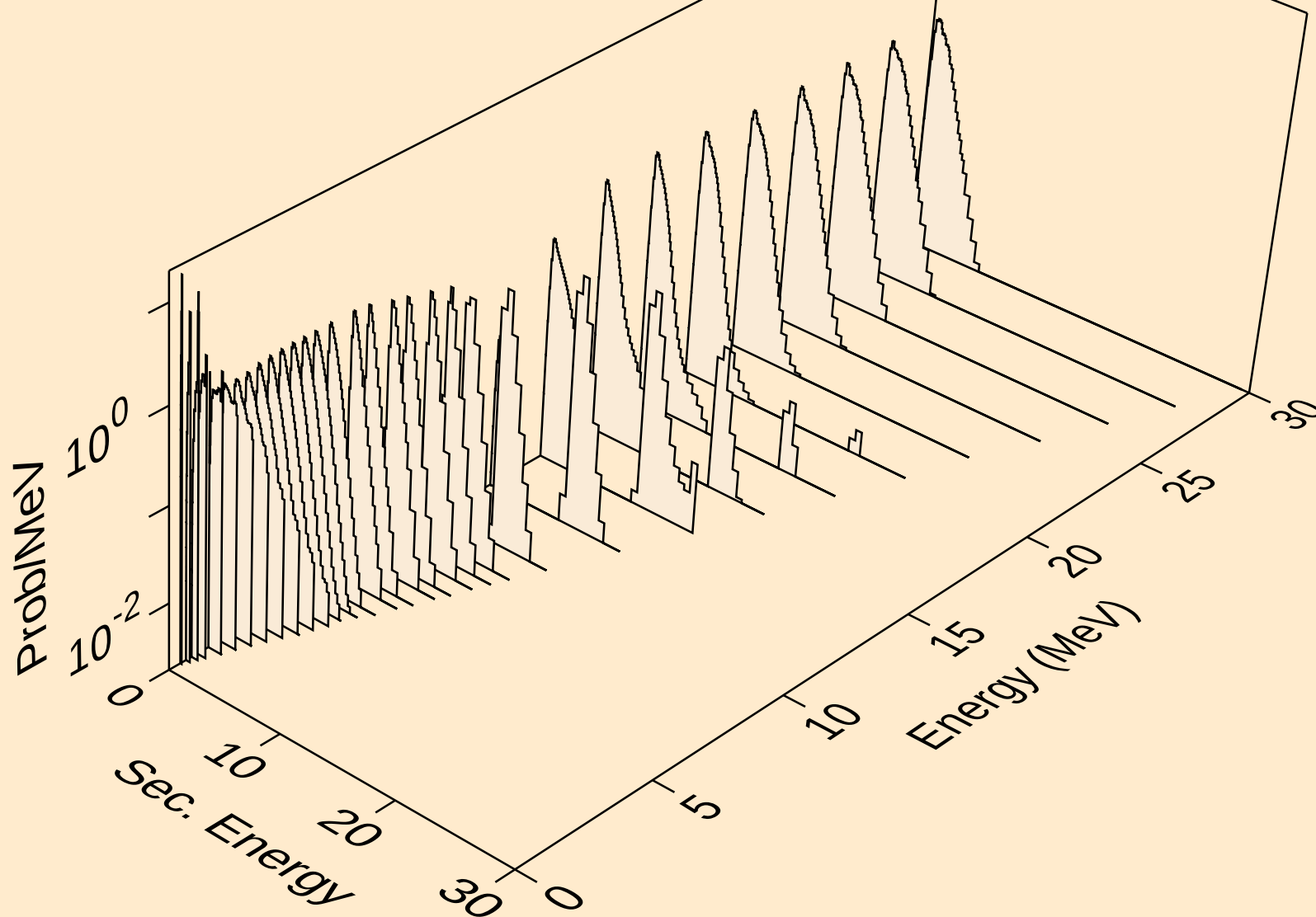


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission

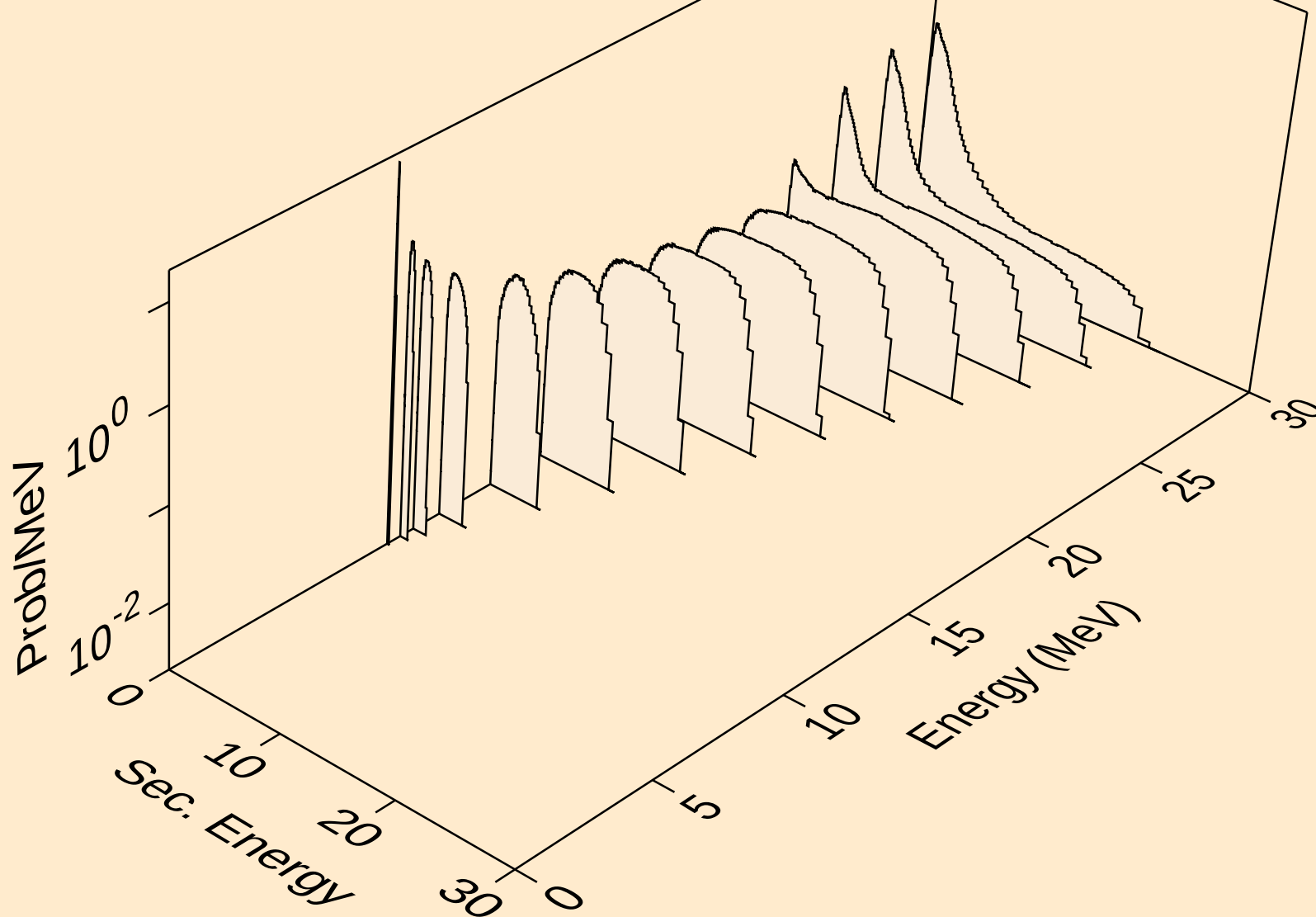


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

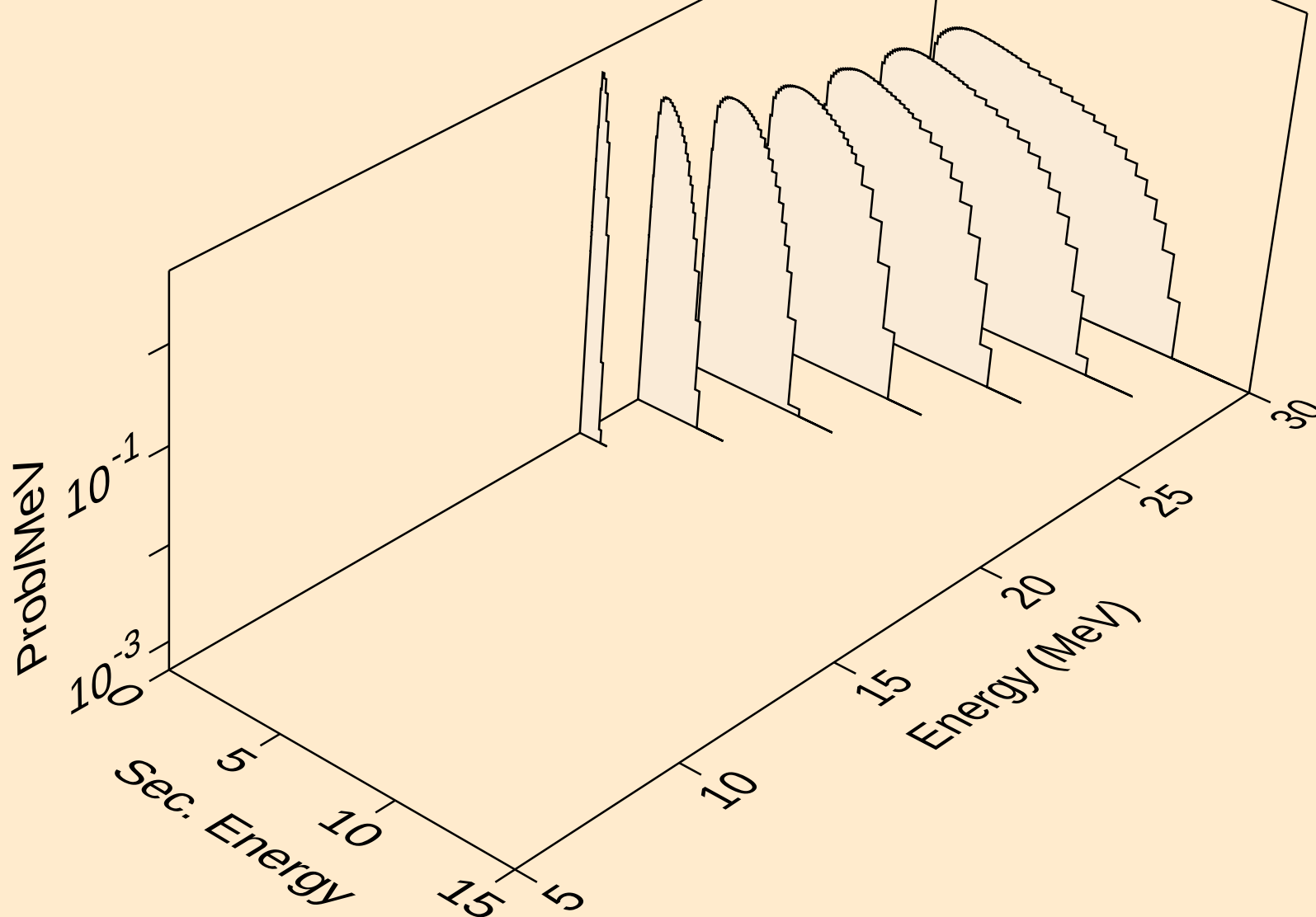
Neutron emission for (n,n\*)a



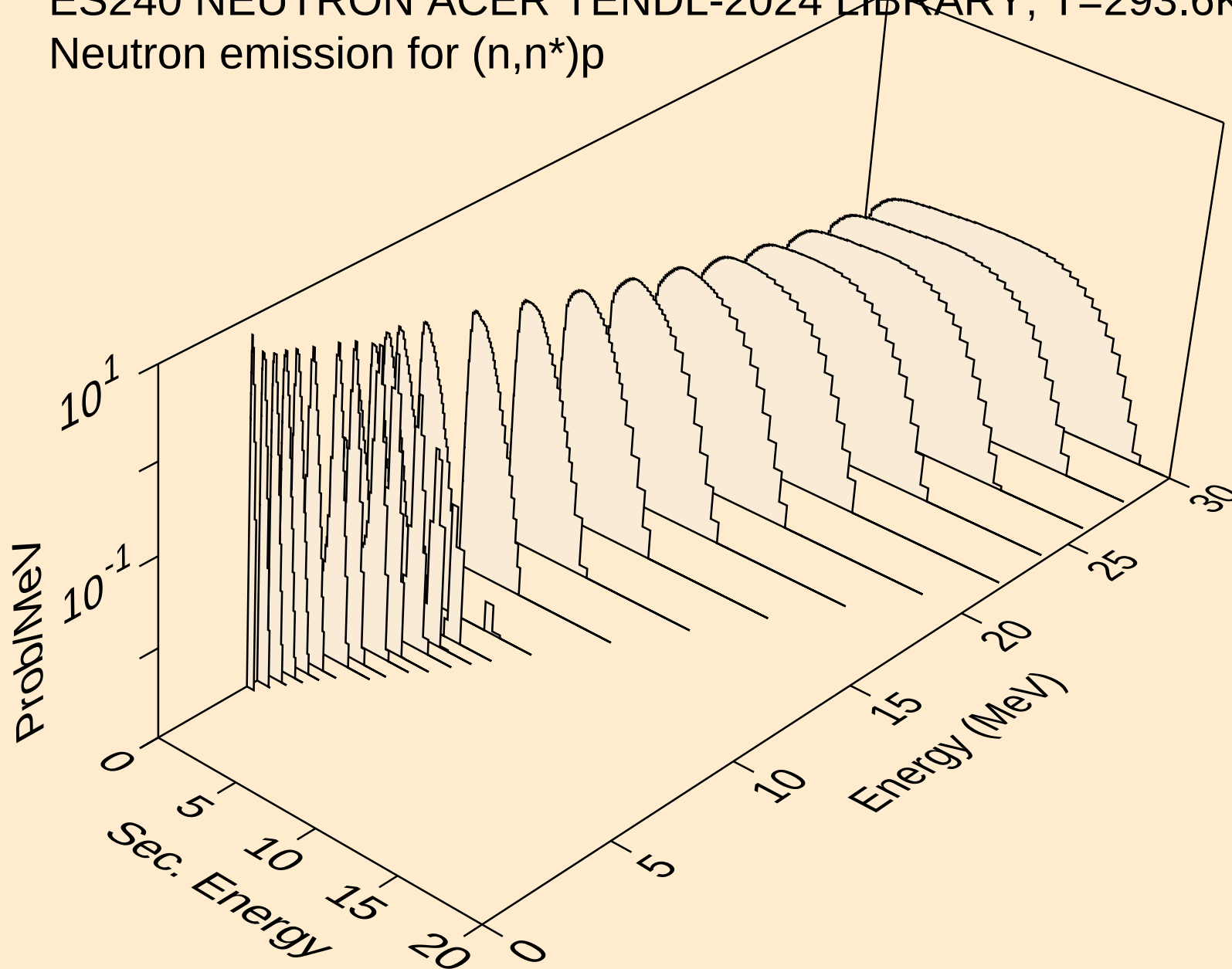
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n) $\alpha$

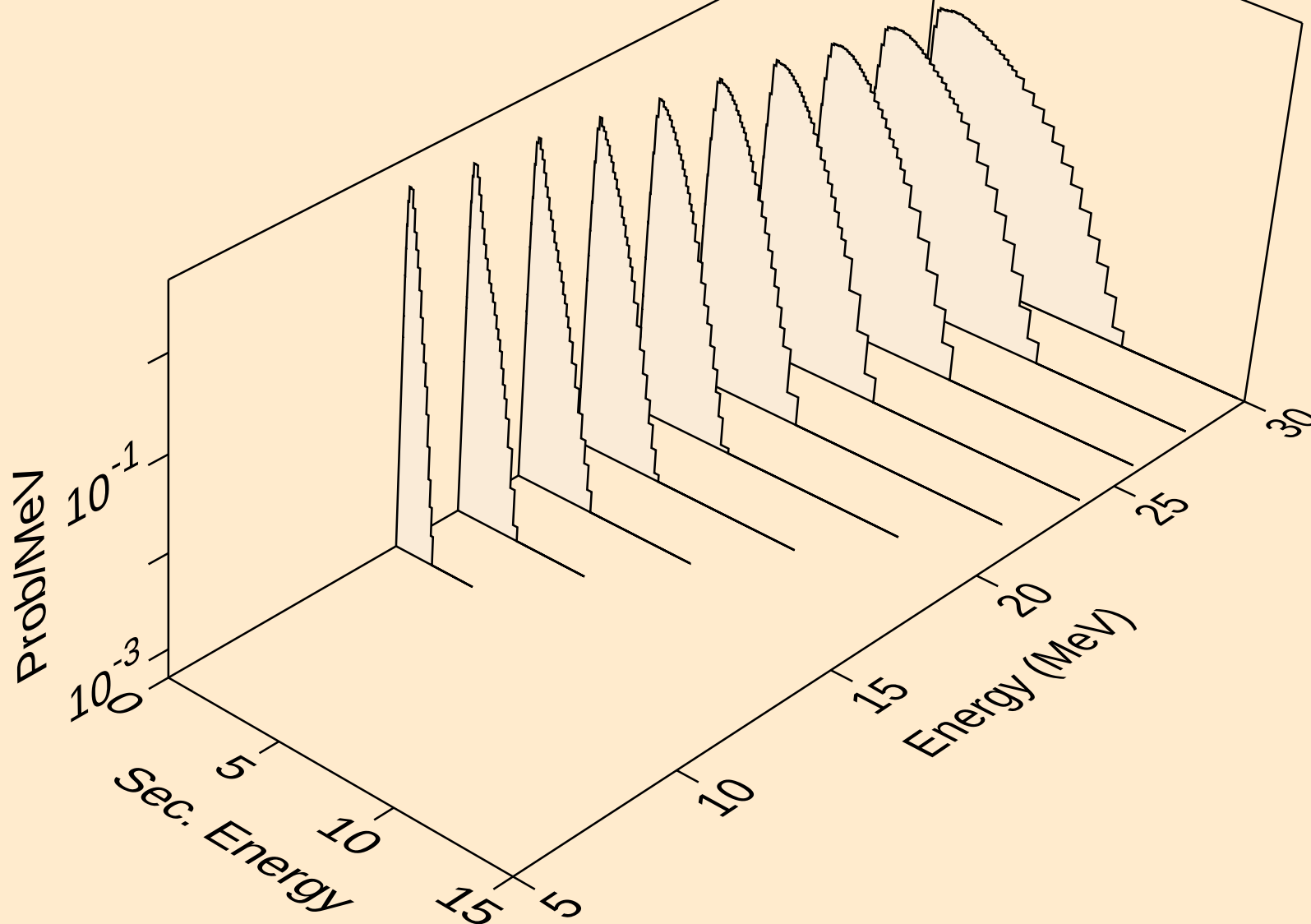


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

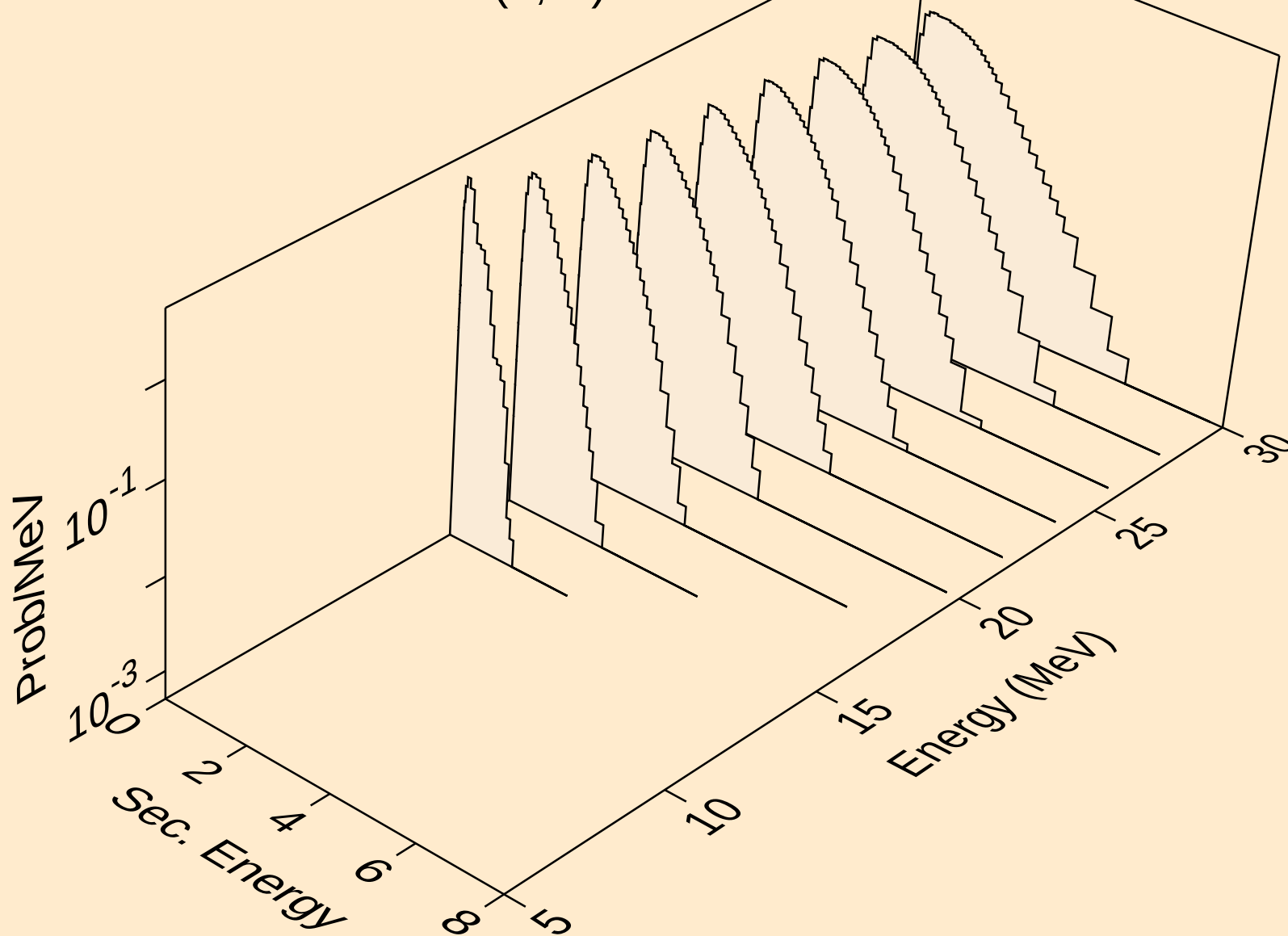




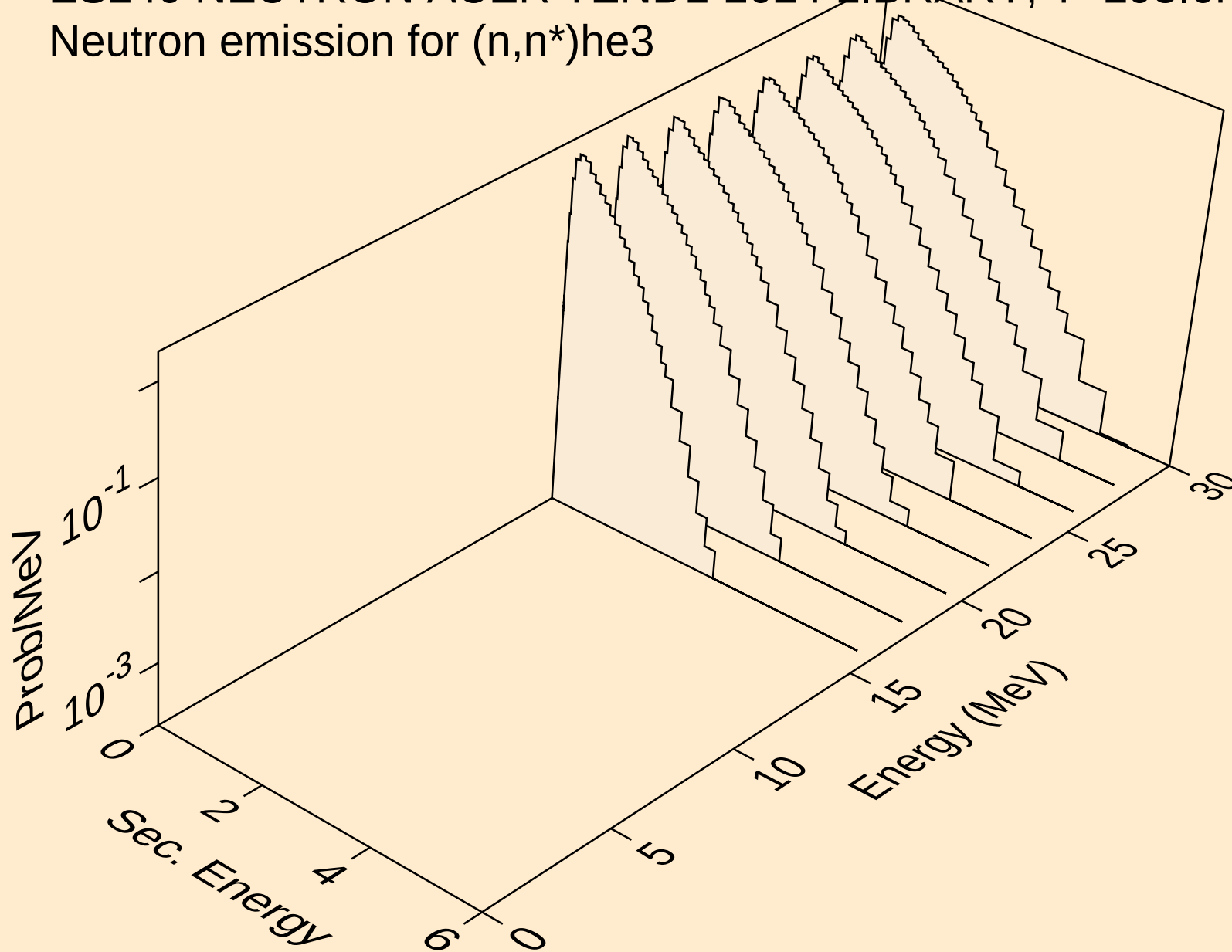
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



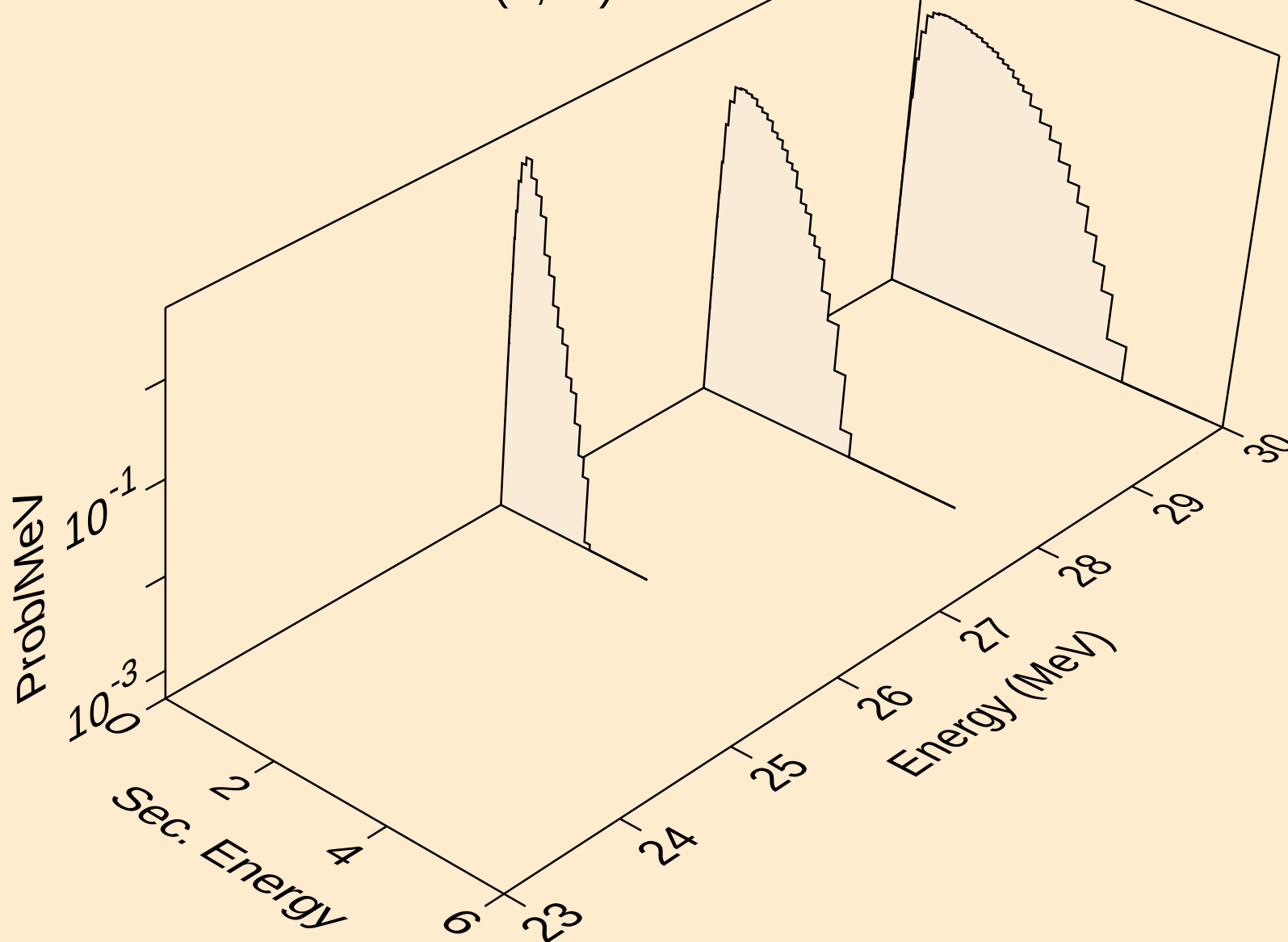
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



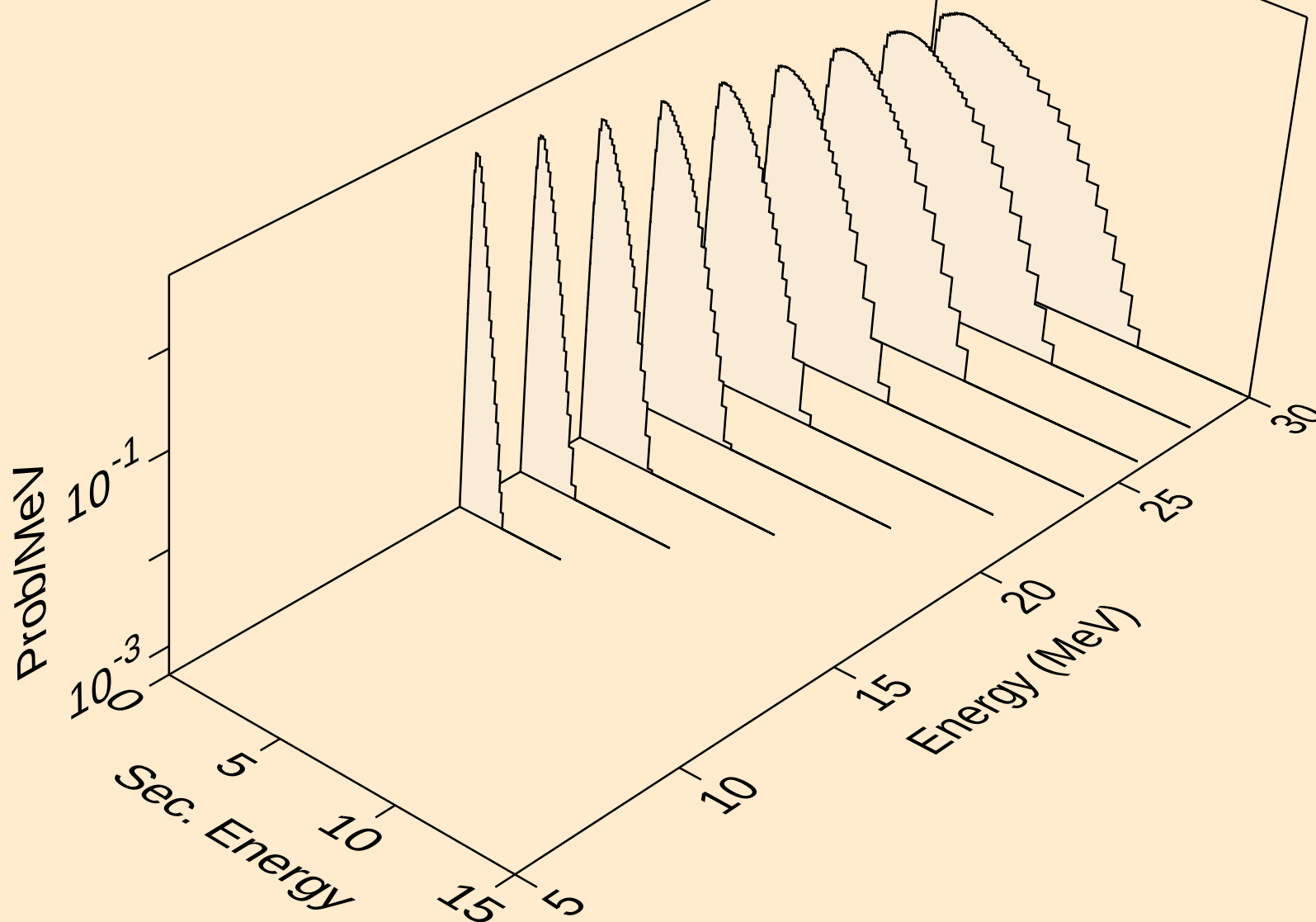
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

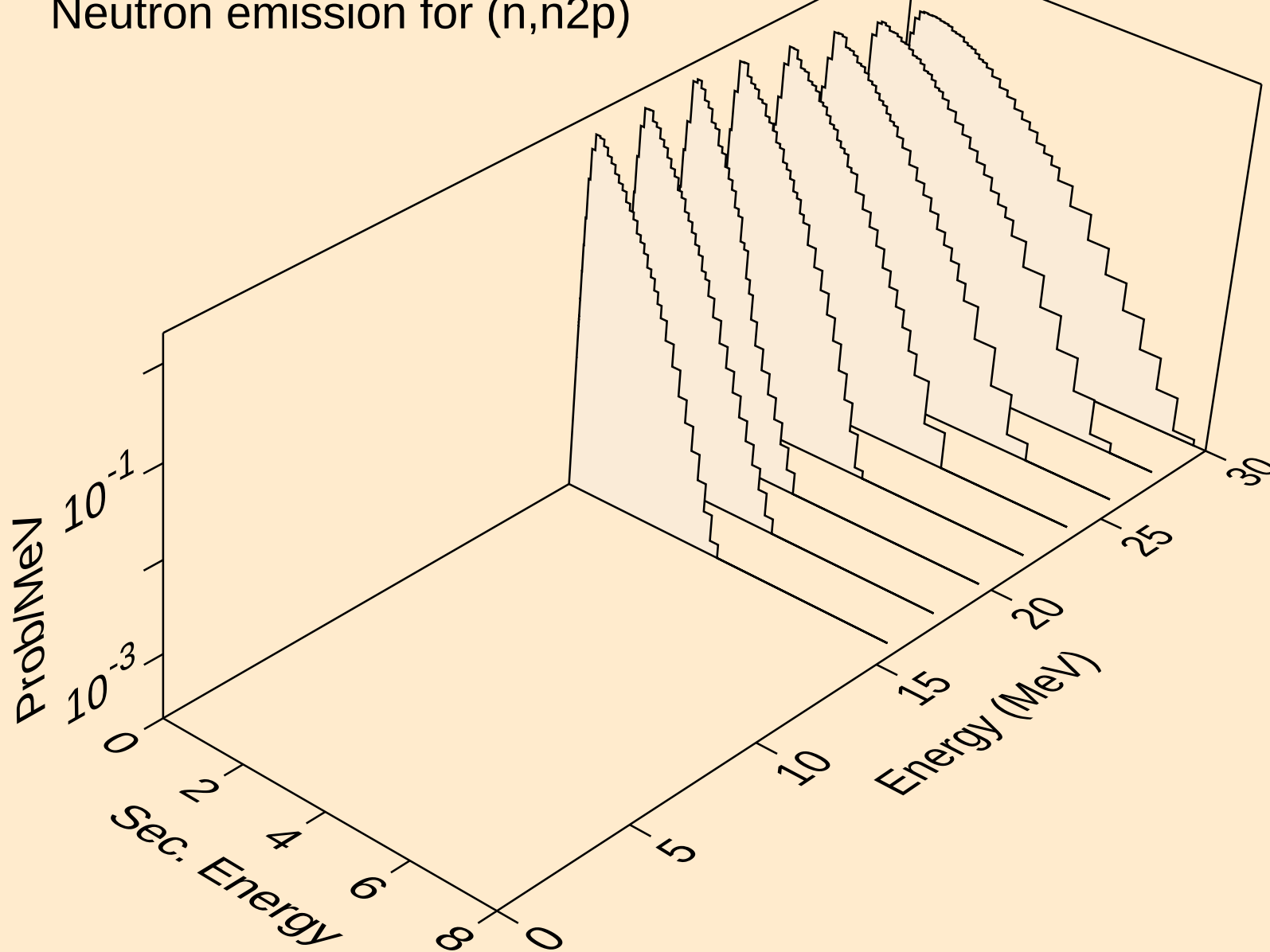


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

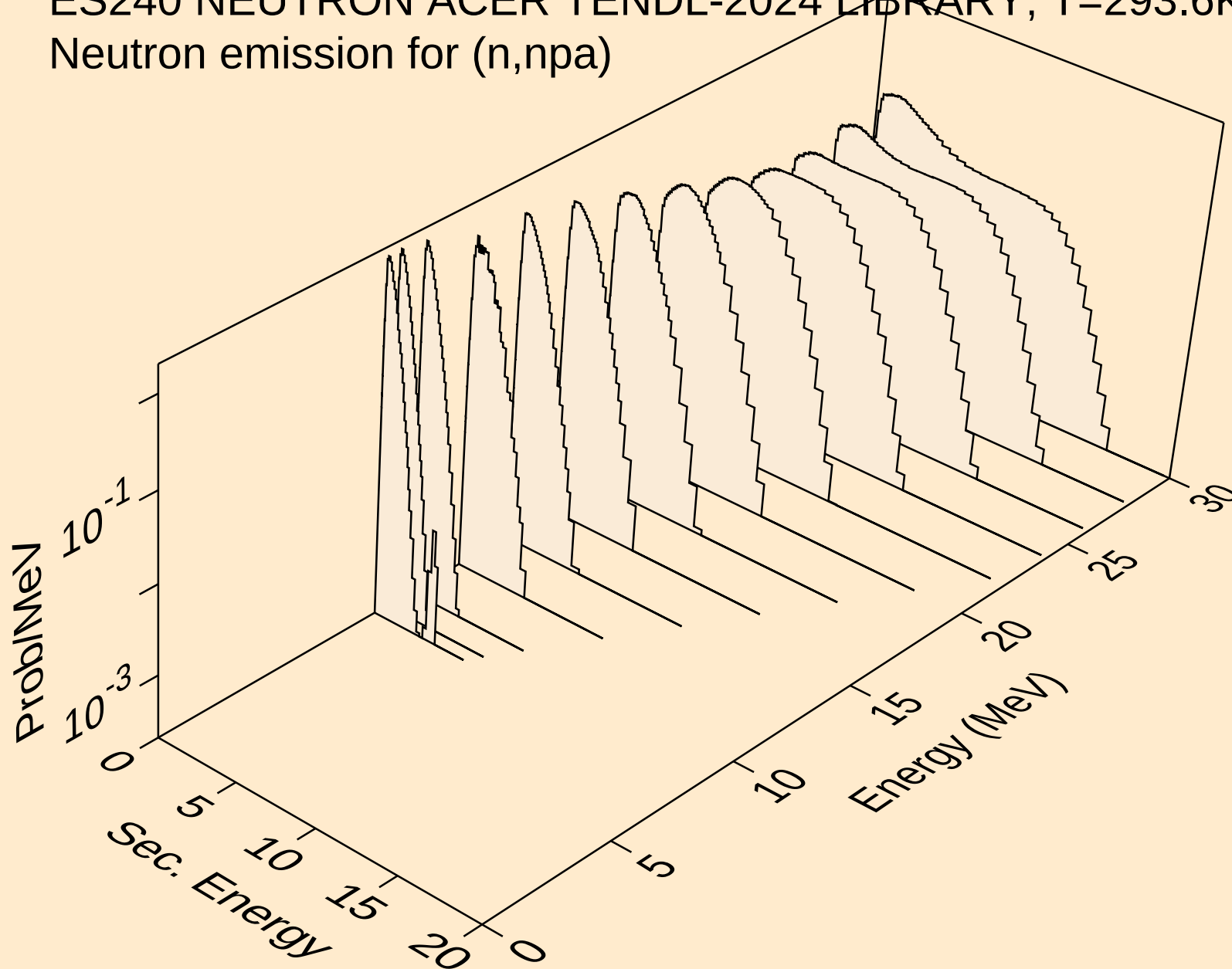


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

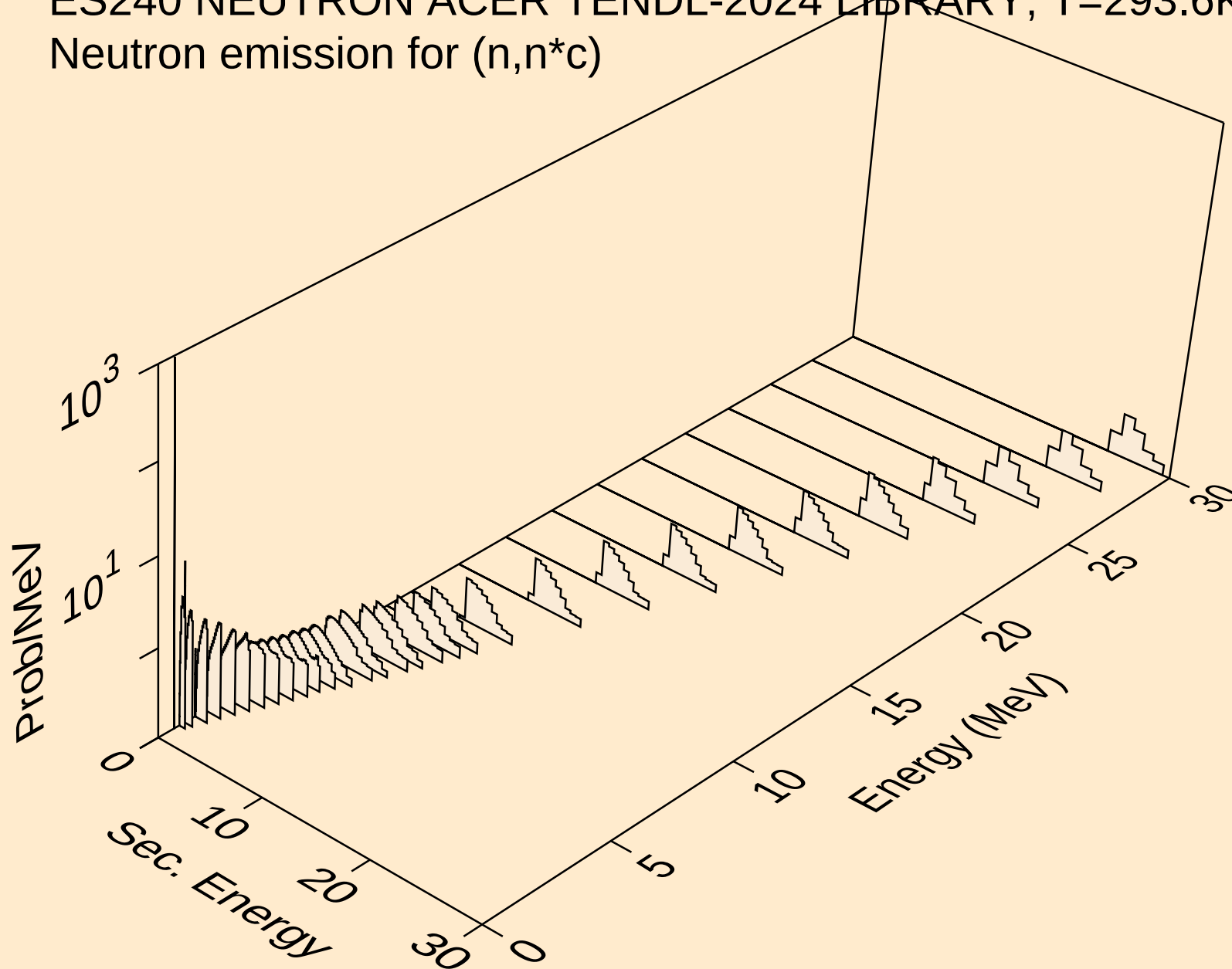
Neutron emission for (n,n2p)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



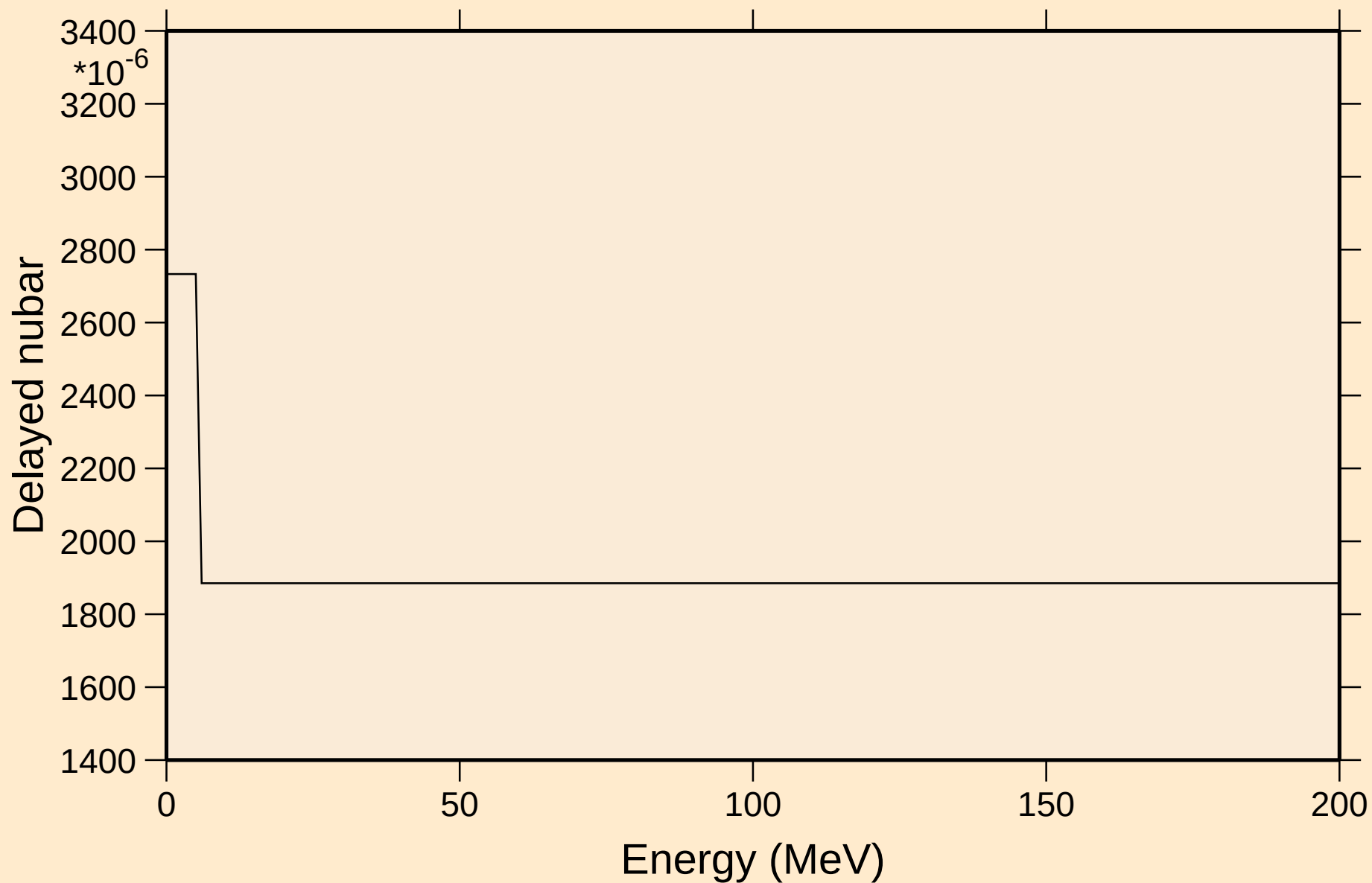
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)





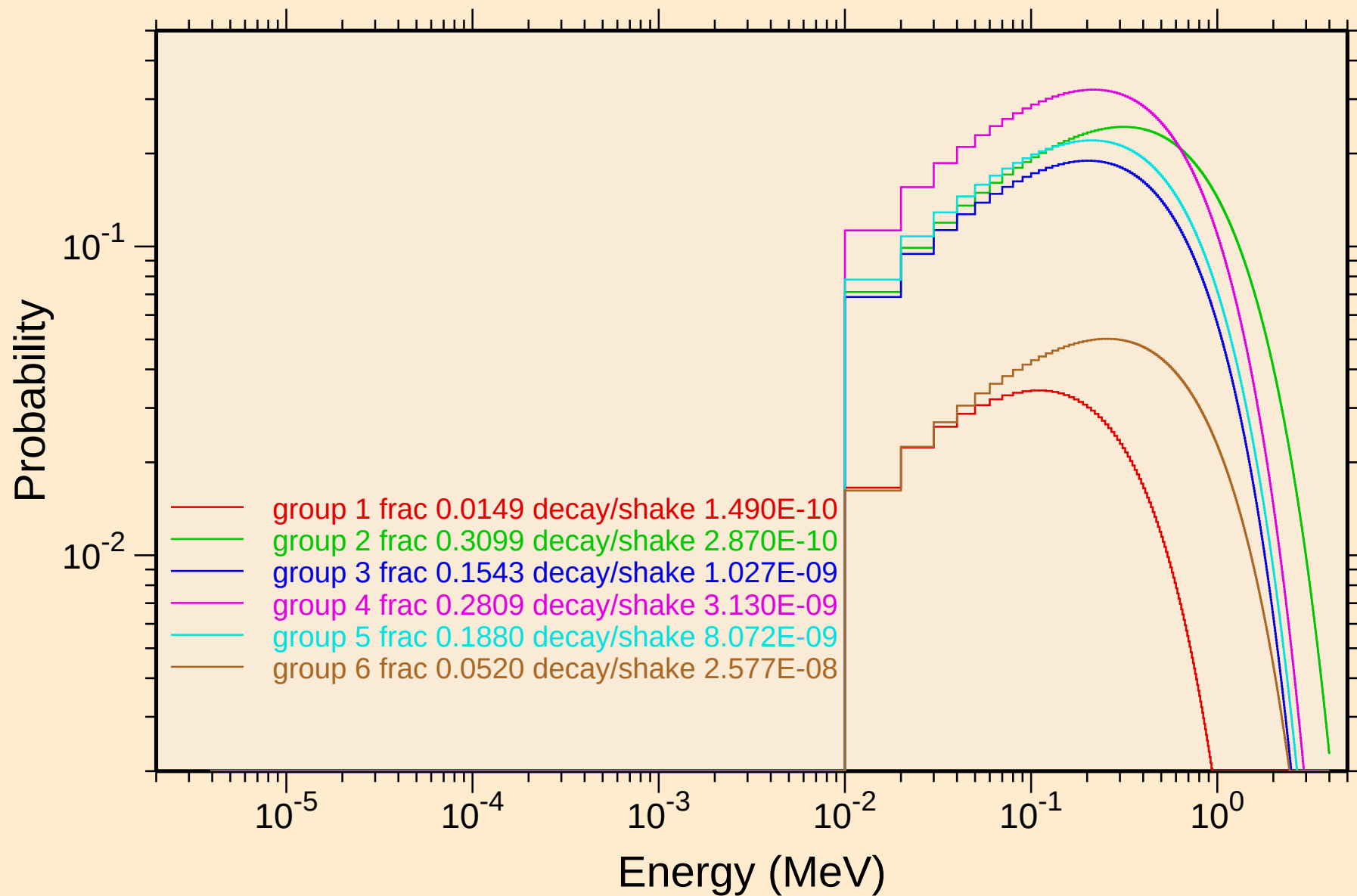
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Delayed nubar

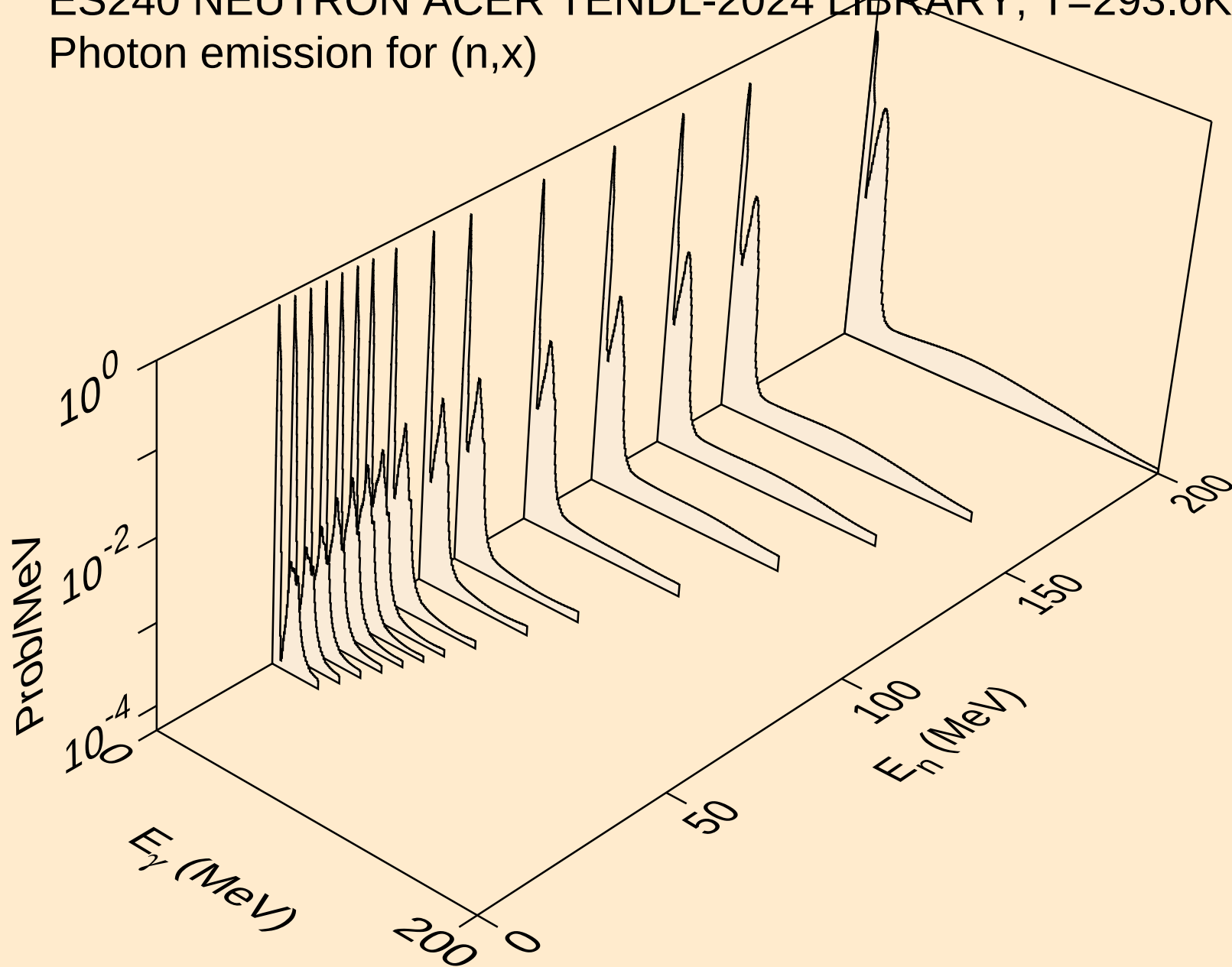


# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

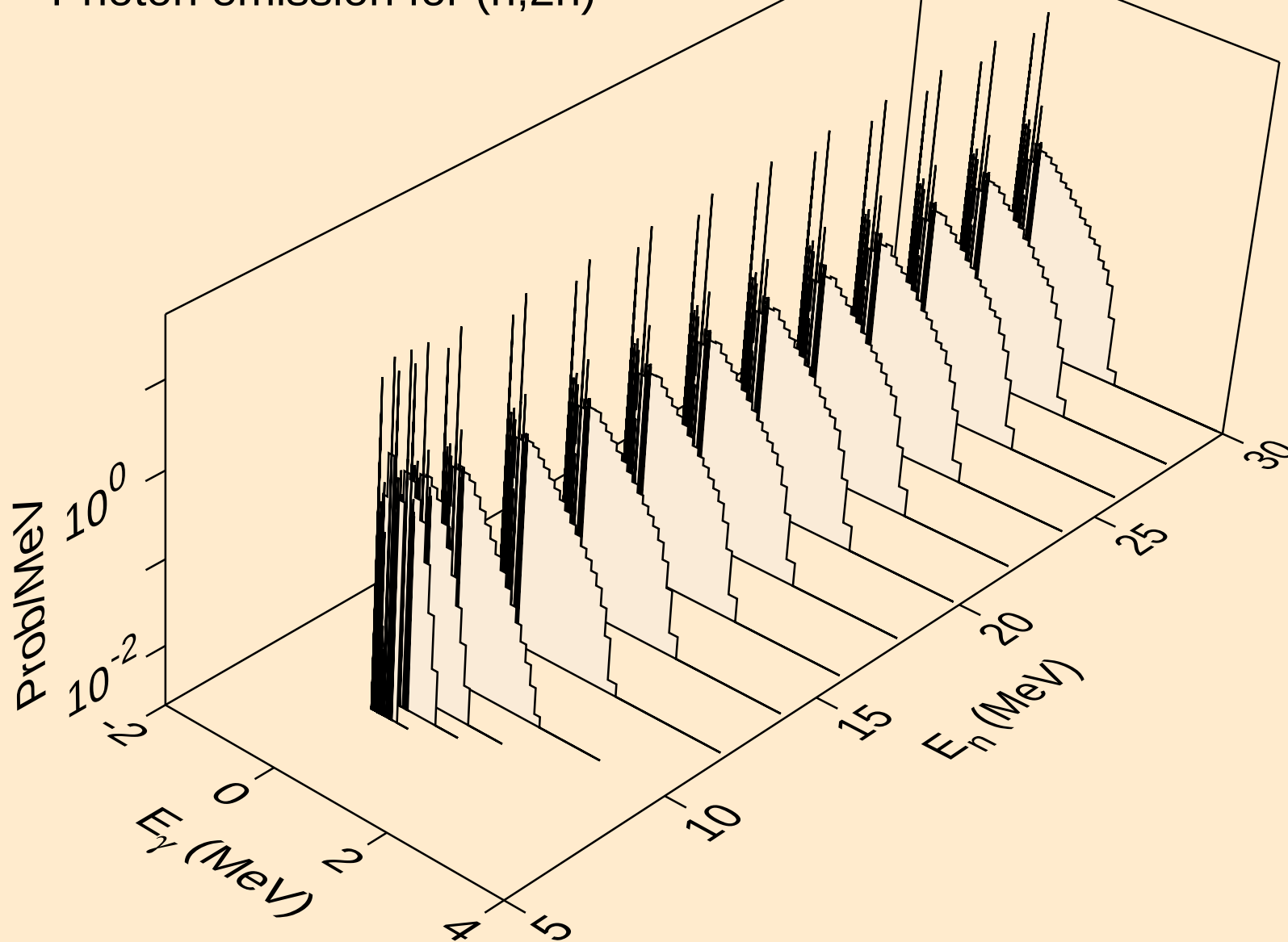
## Delayed neutron spectra



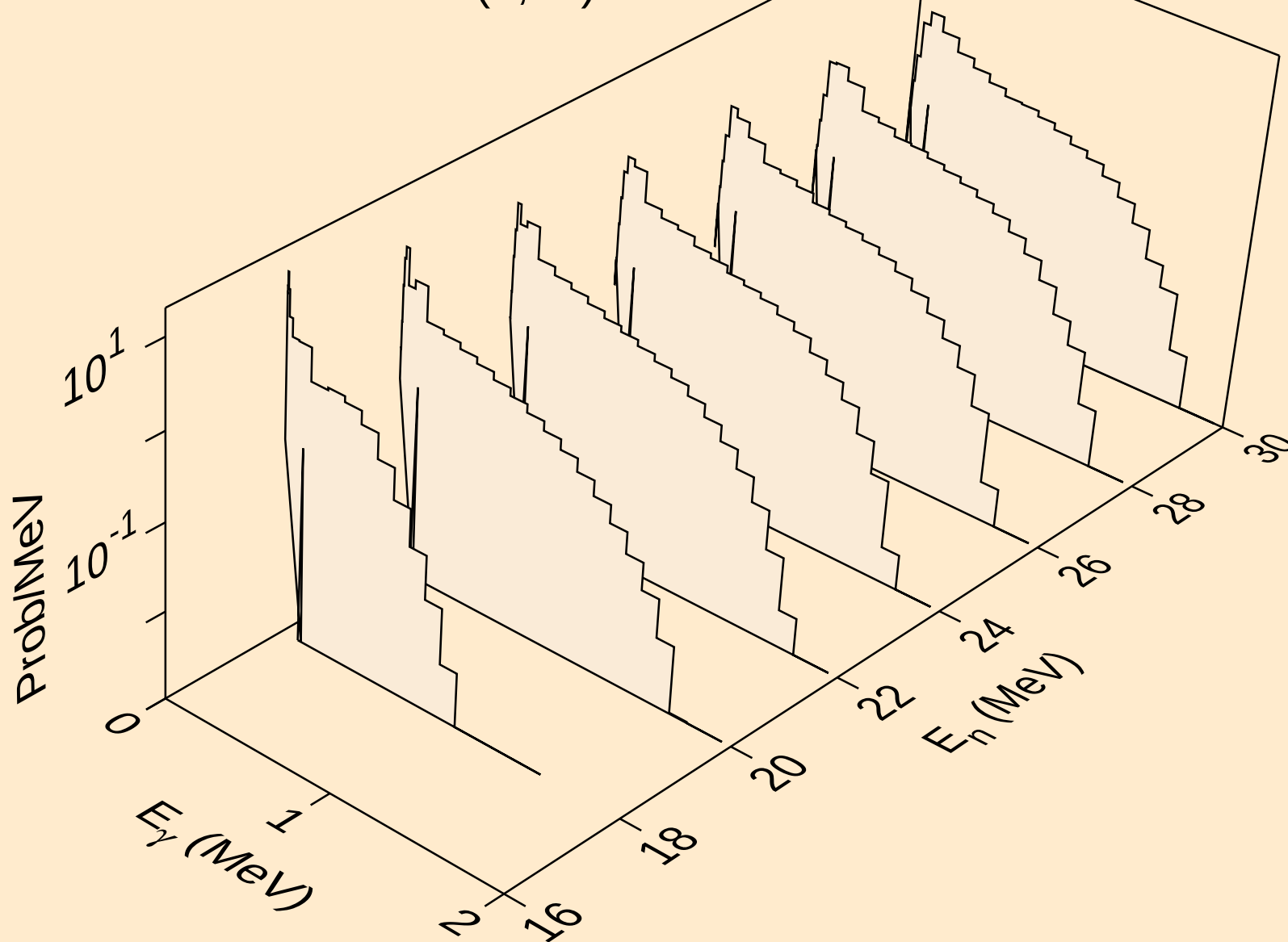
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)

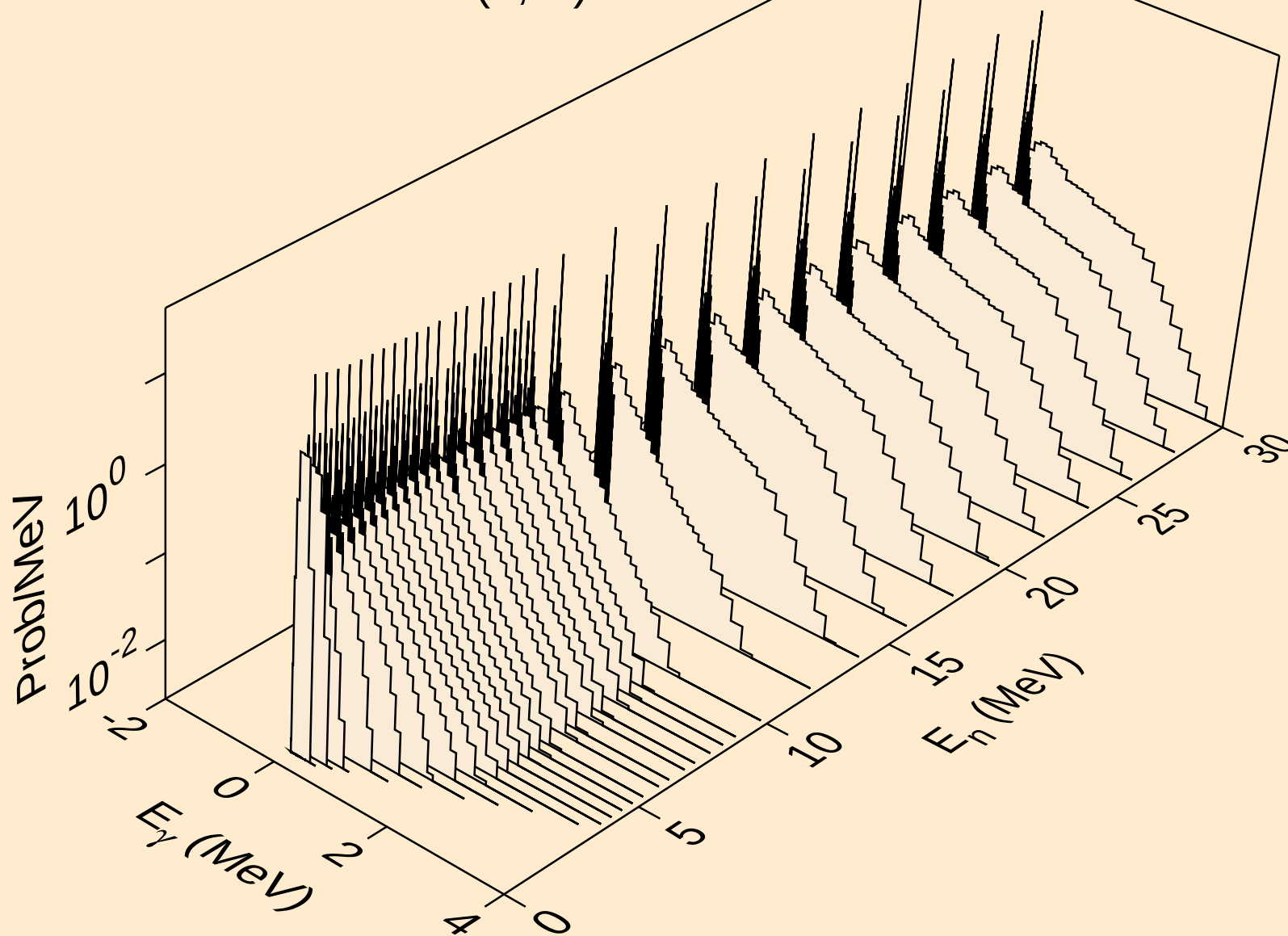


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



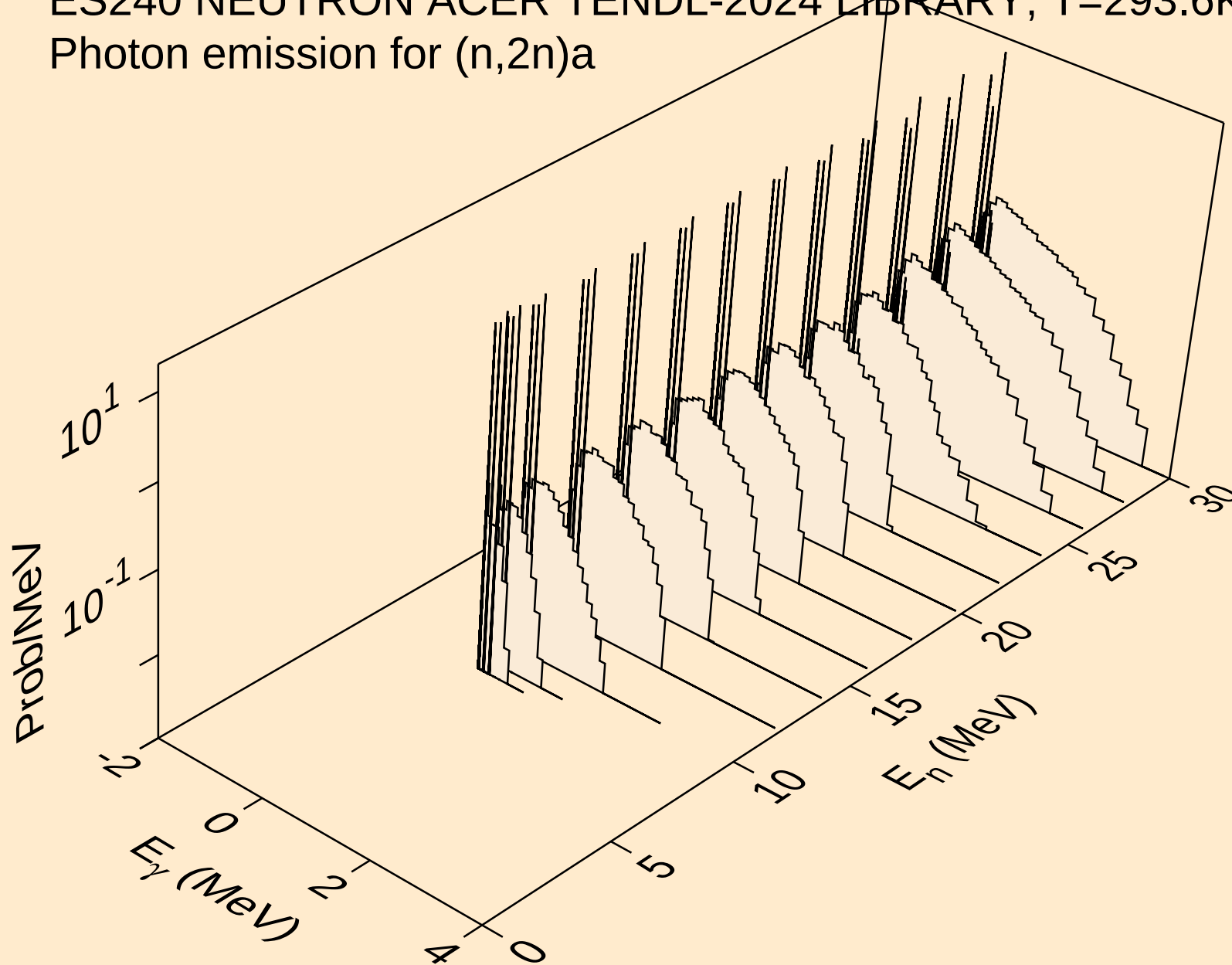
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n\*)a



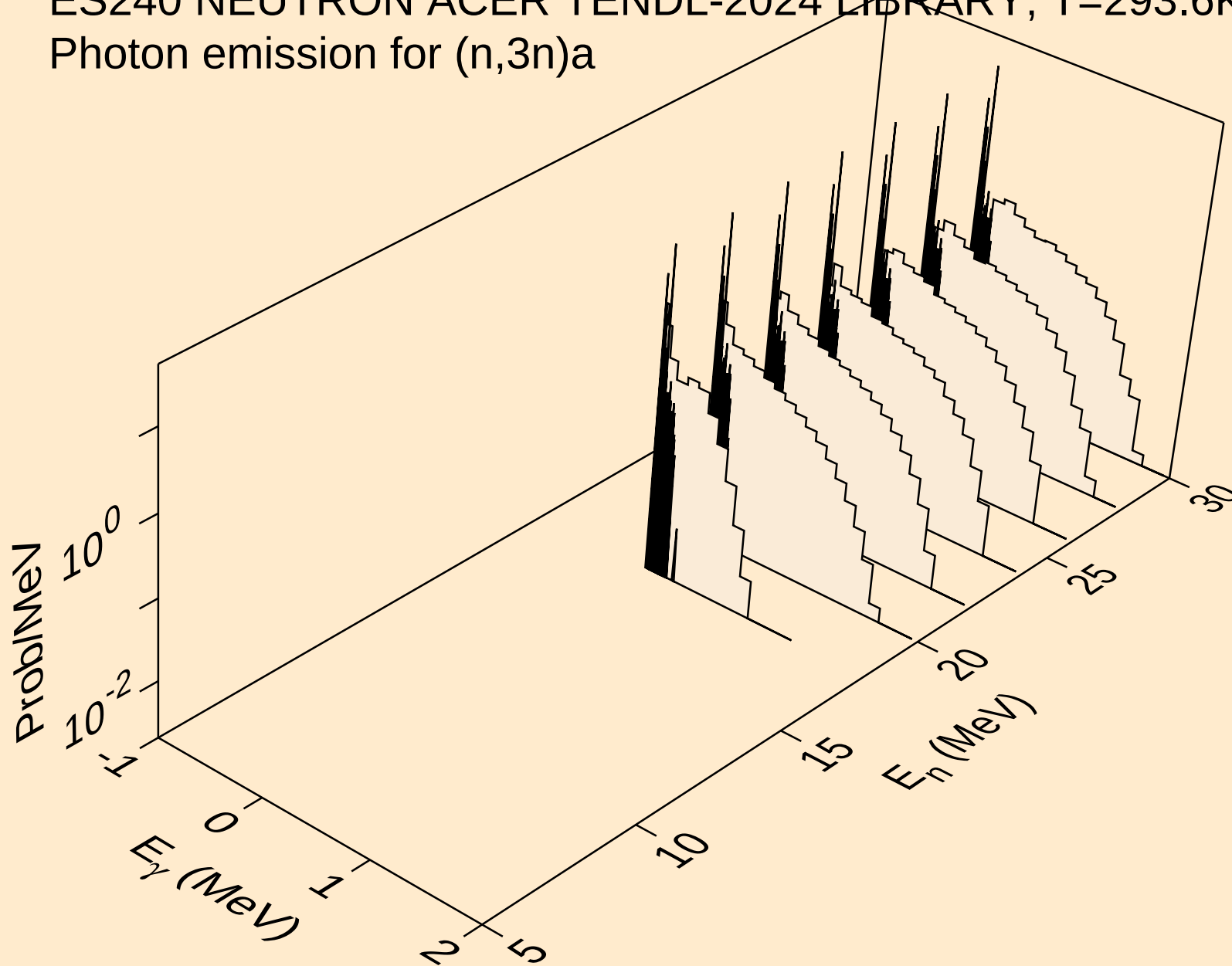
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n) $\alpha$



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

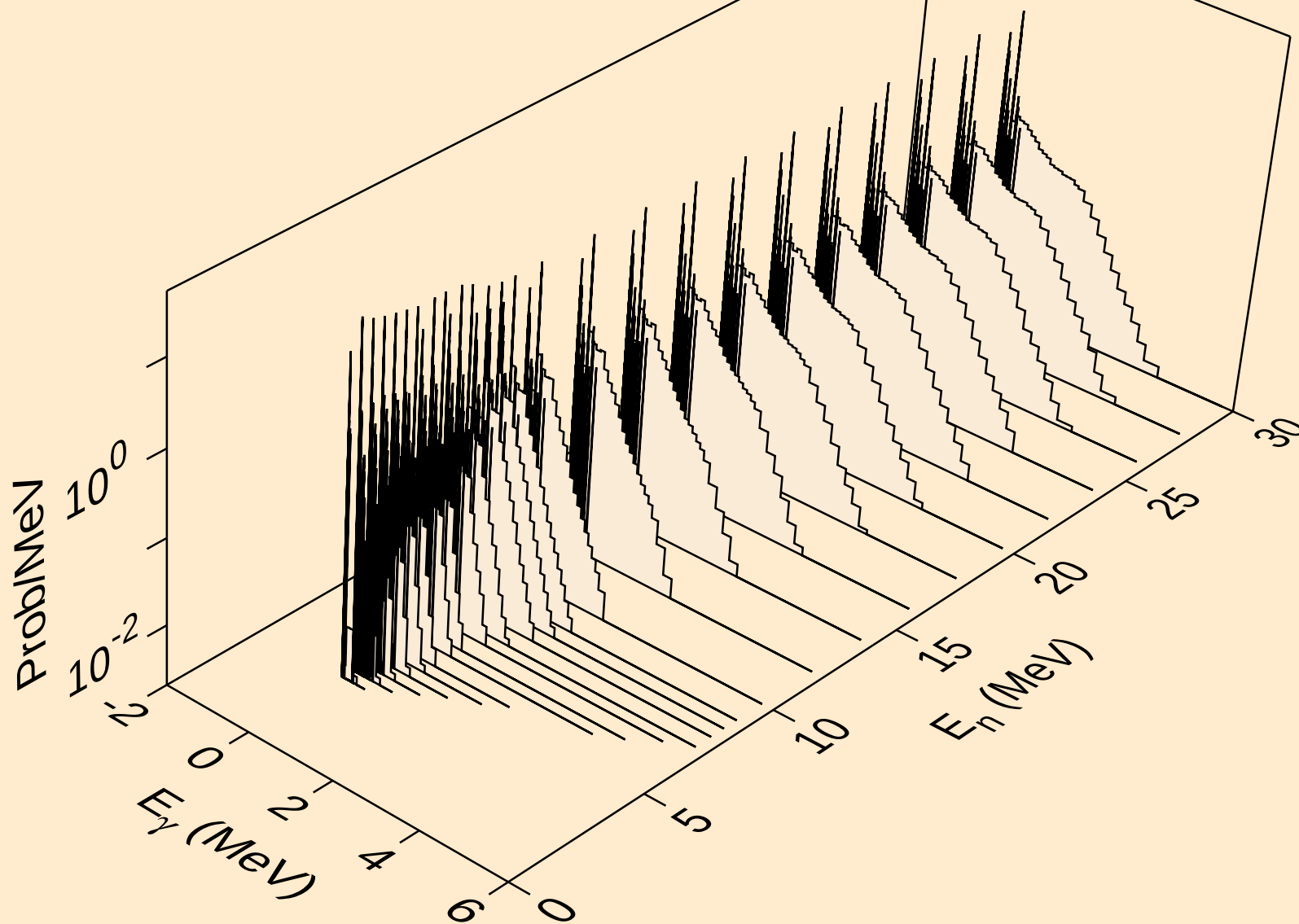
Photon emission for (n,3n) $\alpha$





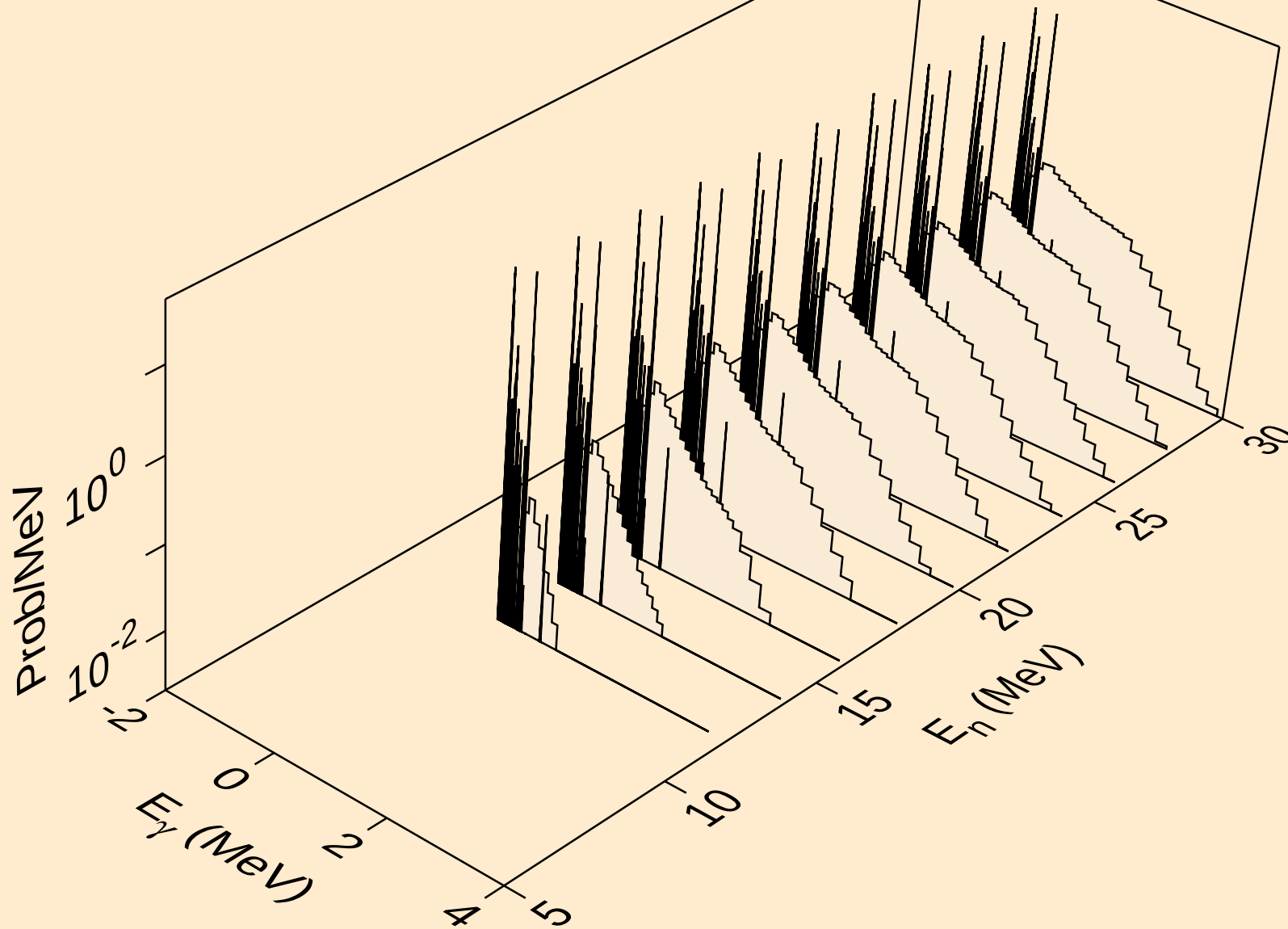
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n\*)p

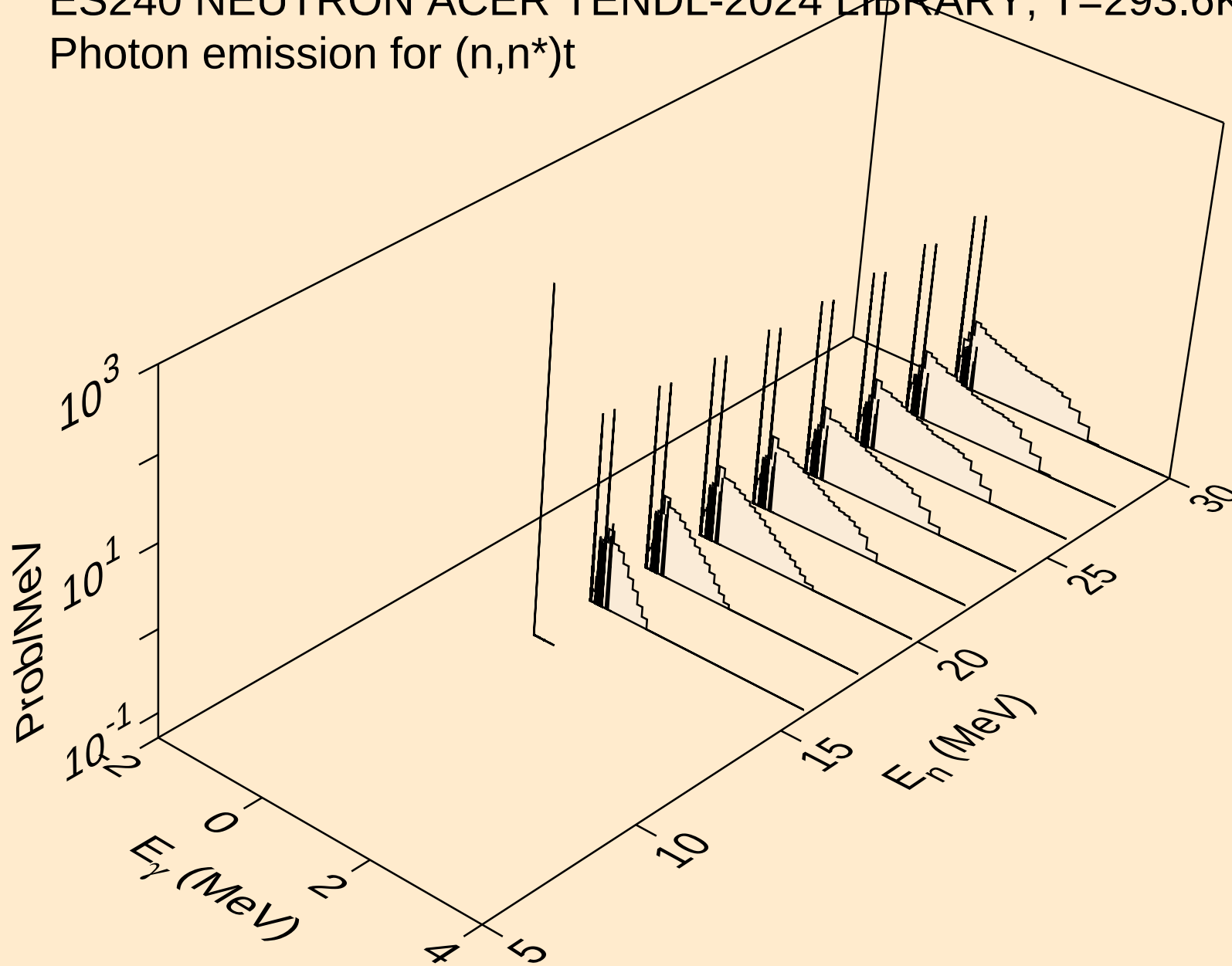


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n\*)d

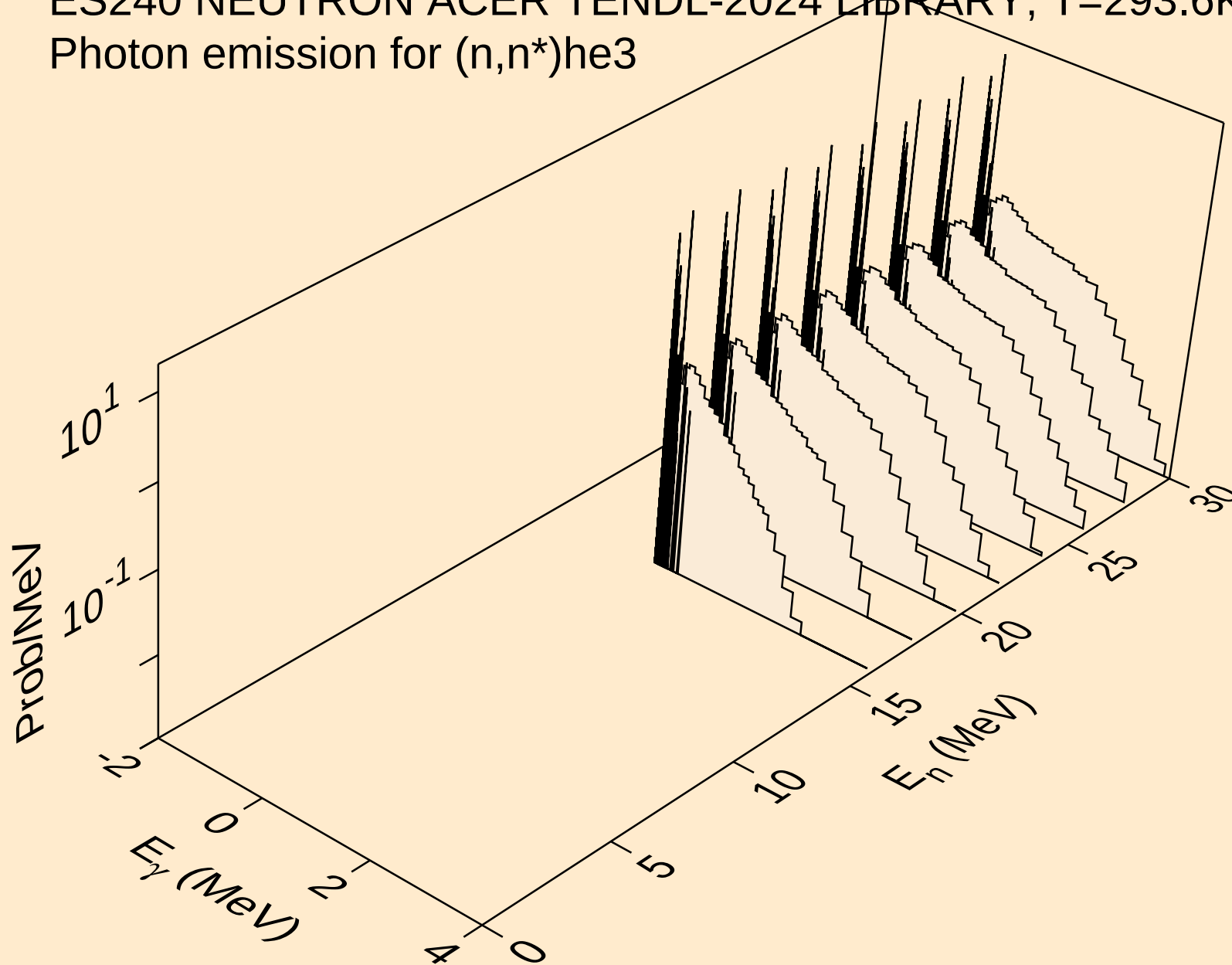


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

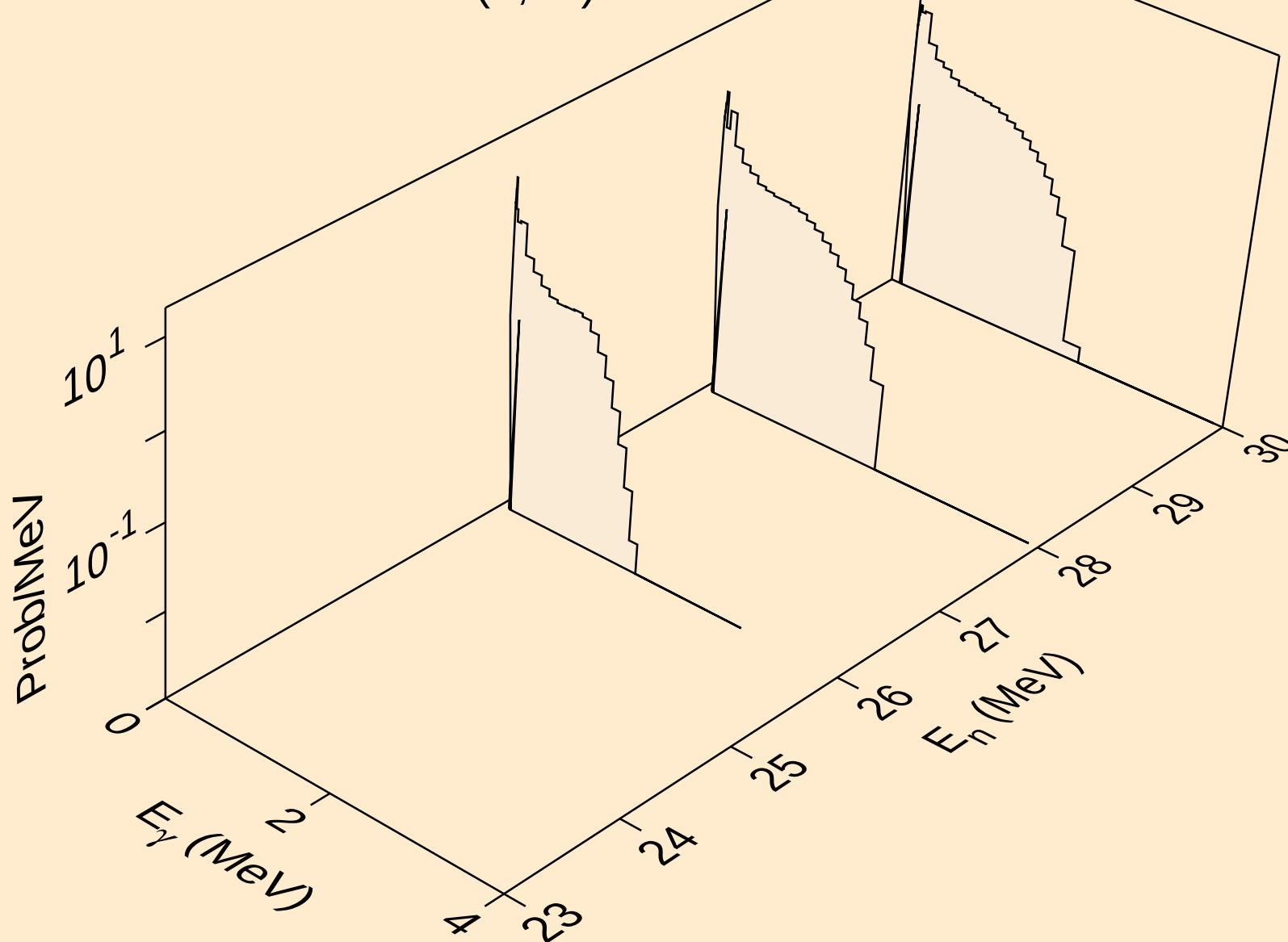


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

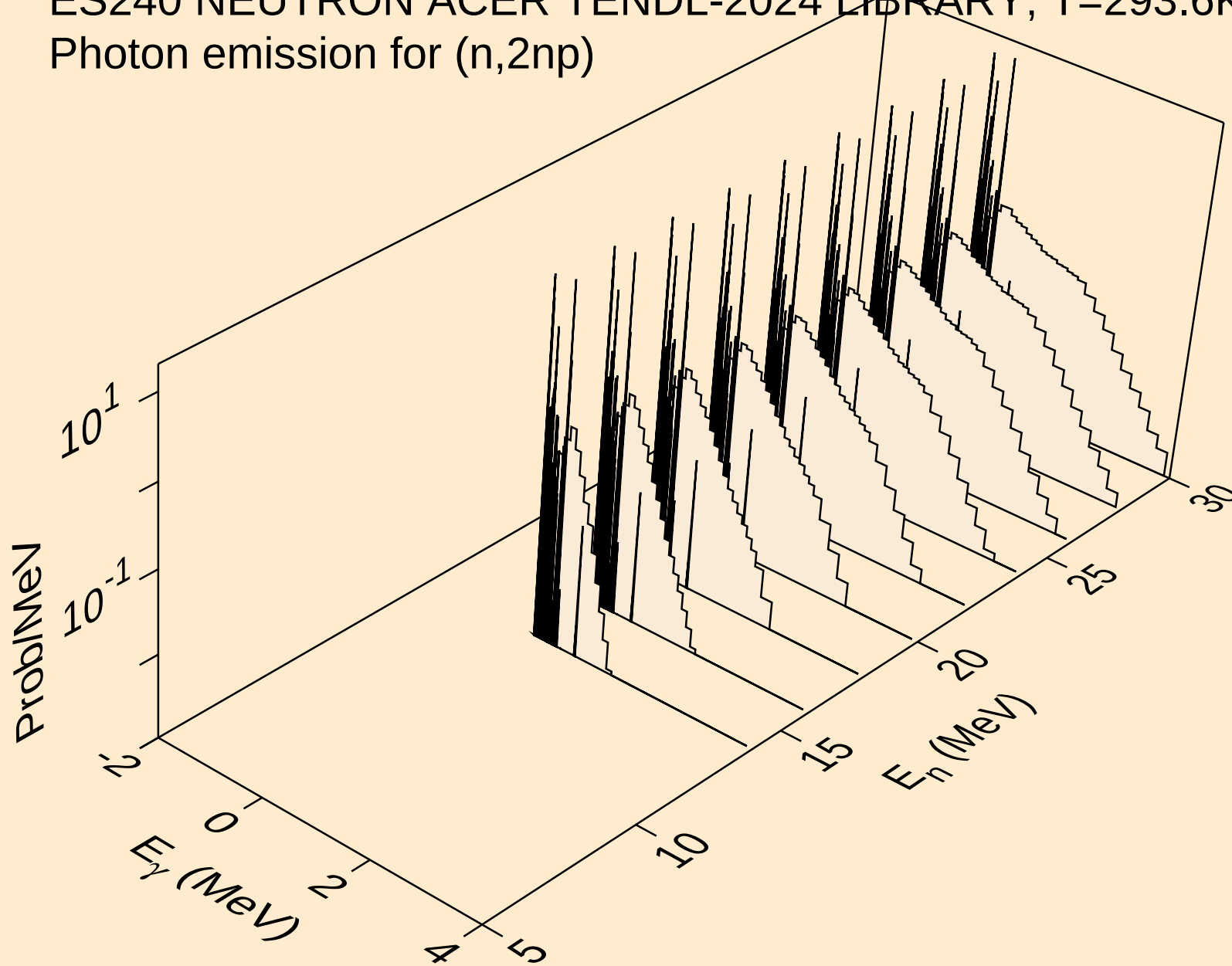
Photon emission for (n,n\*)he3



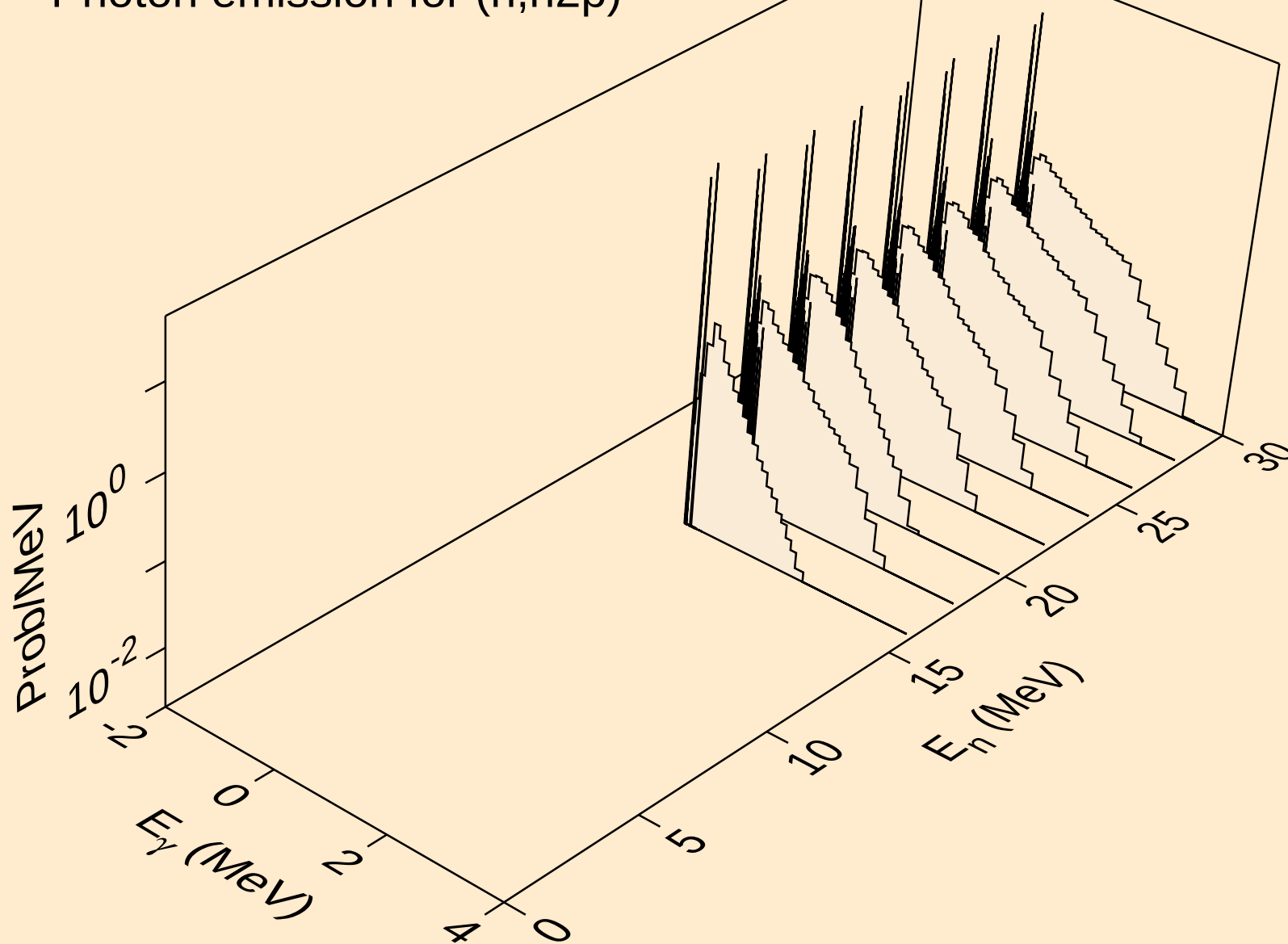
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



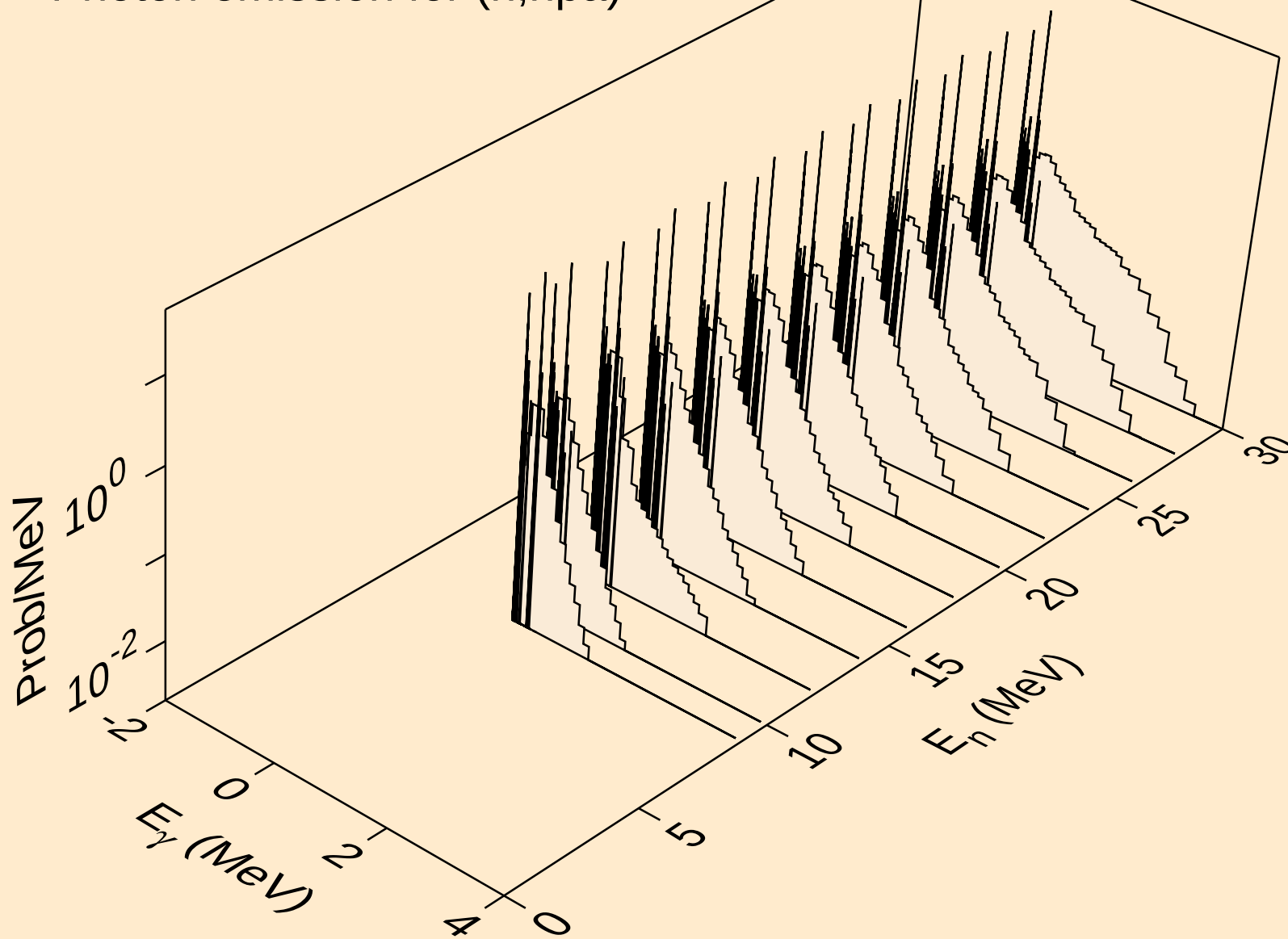
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)

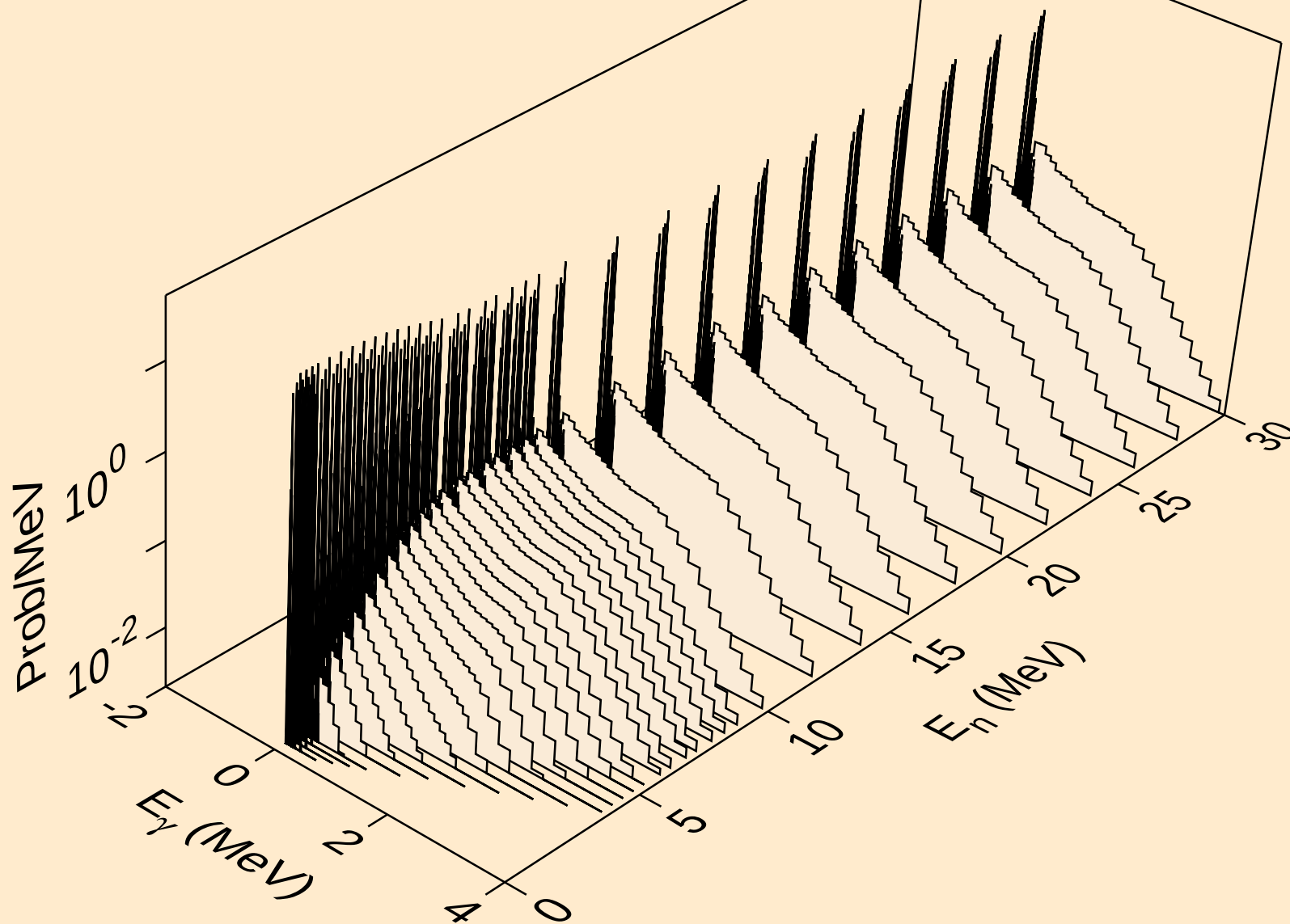


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)

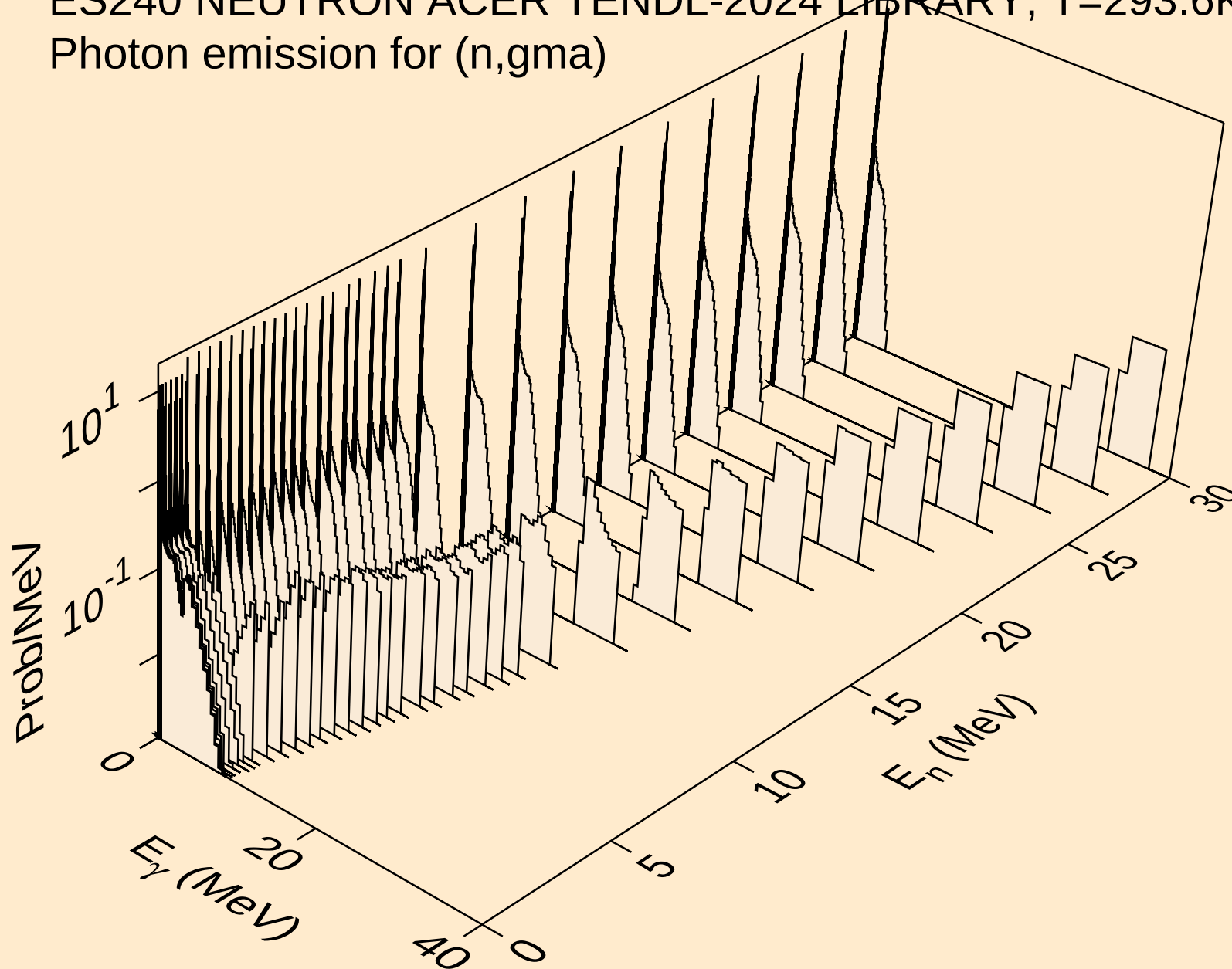




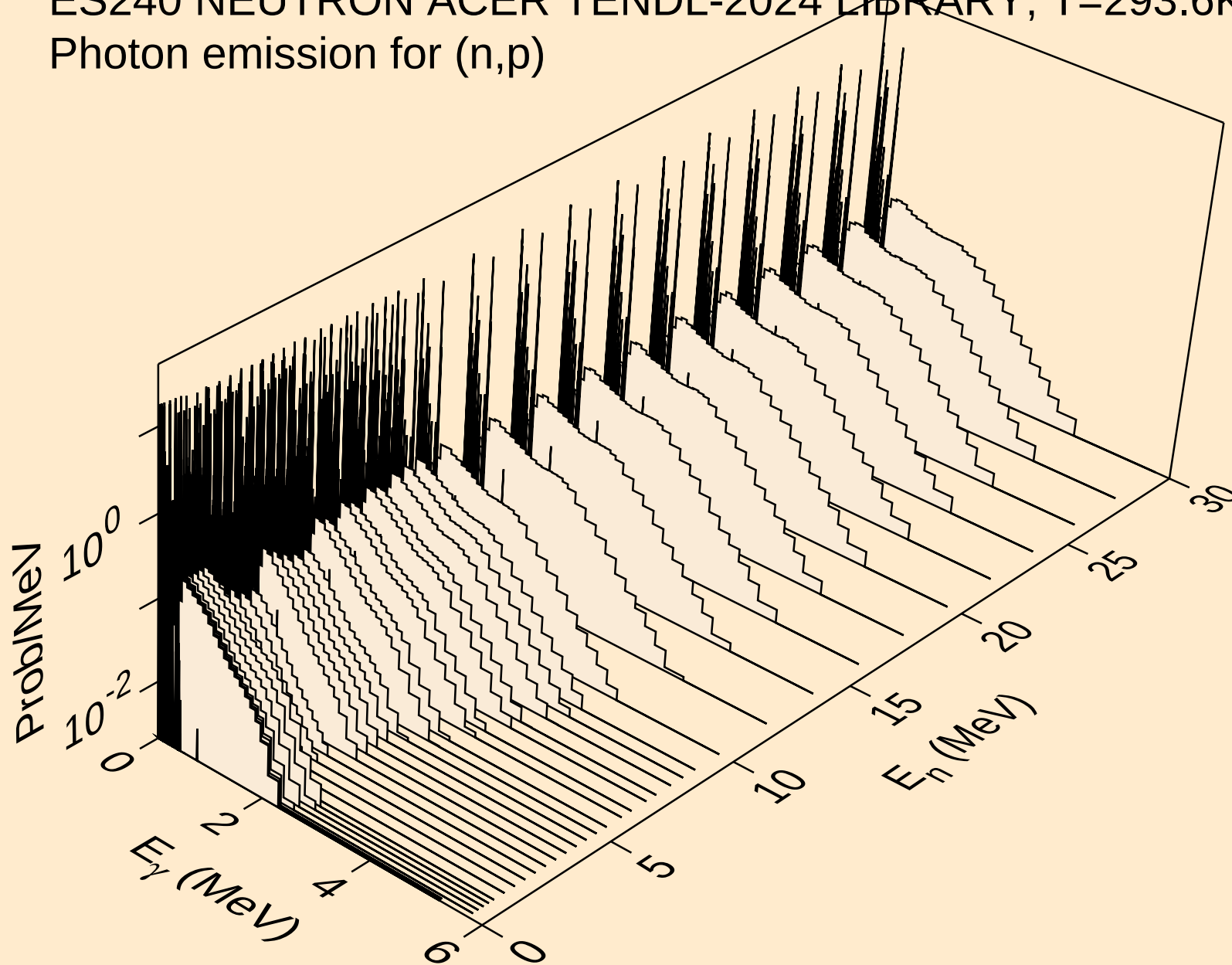
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



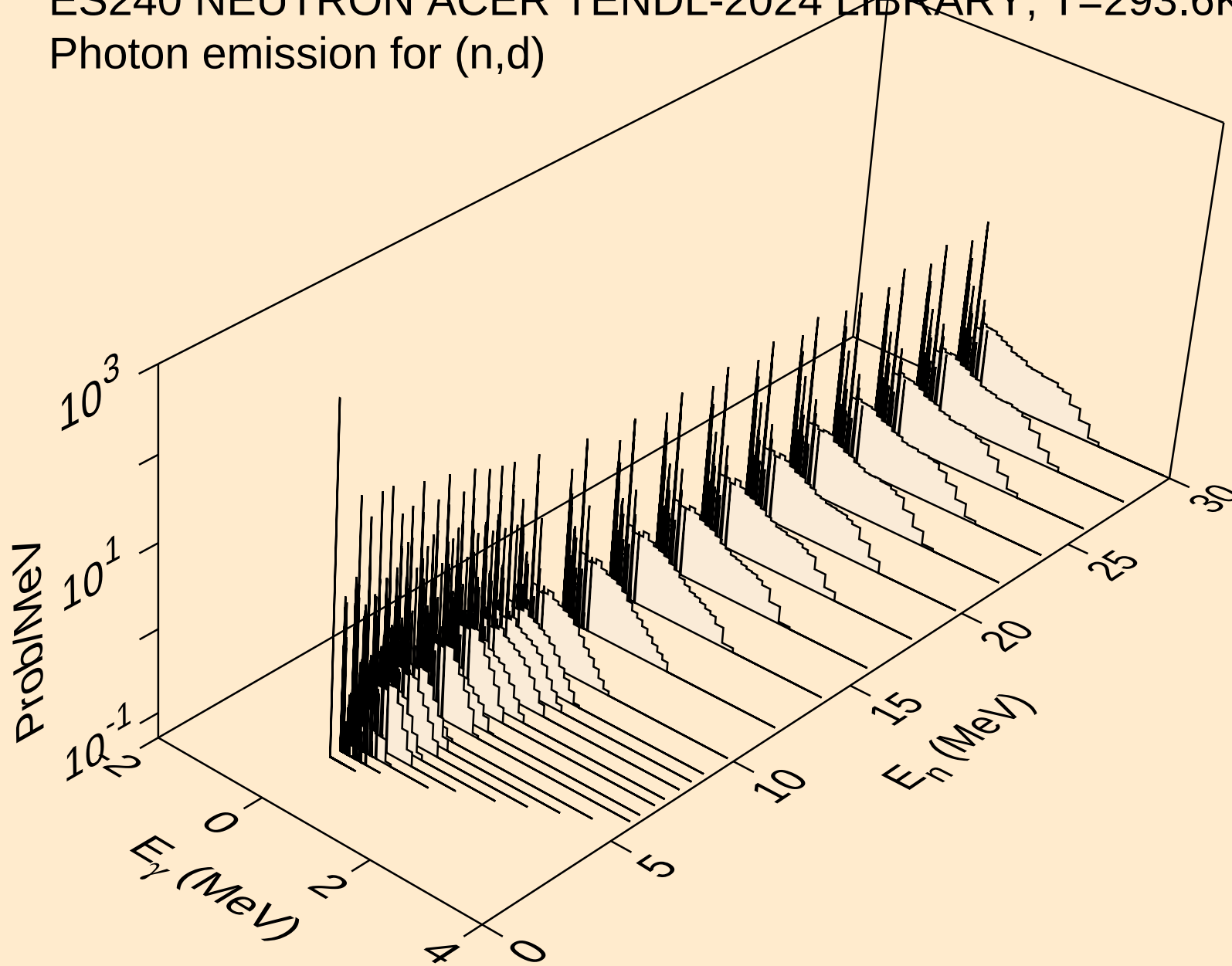
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



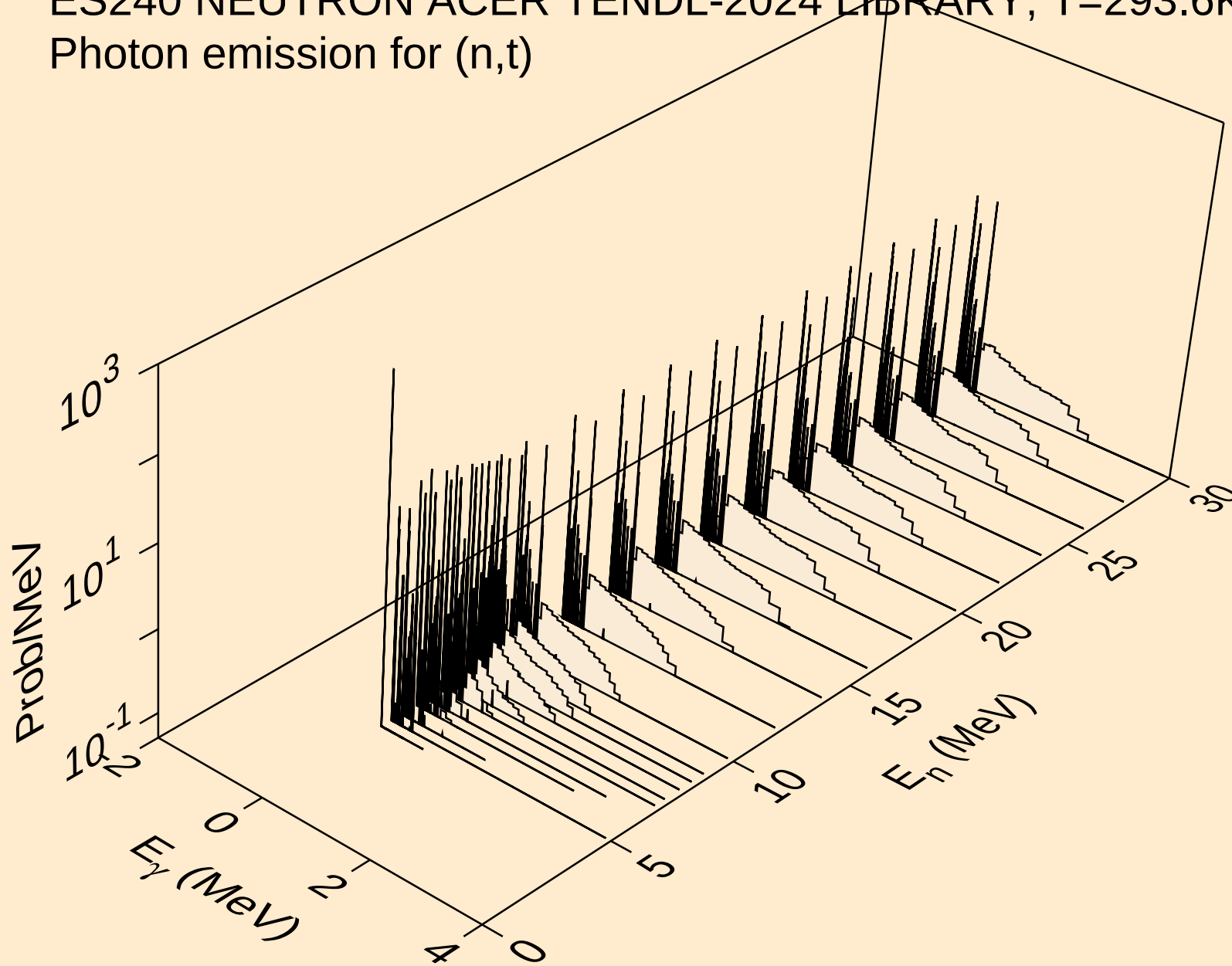
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



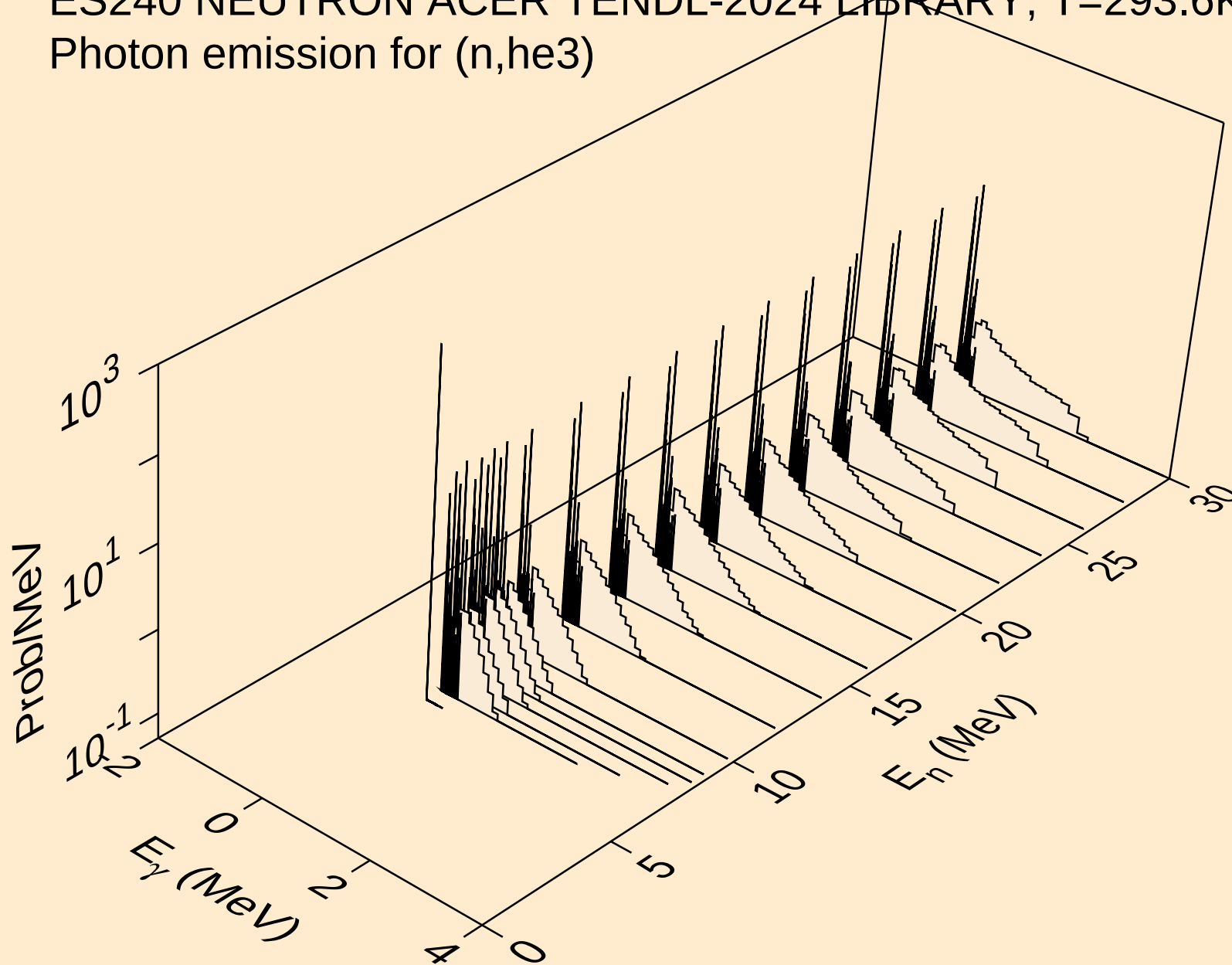
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



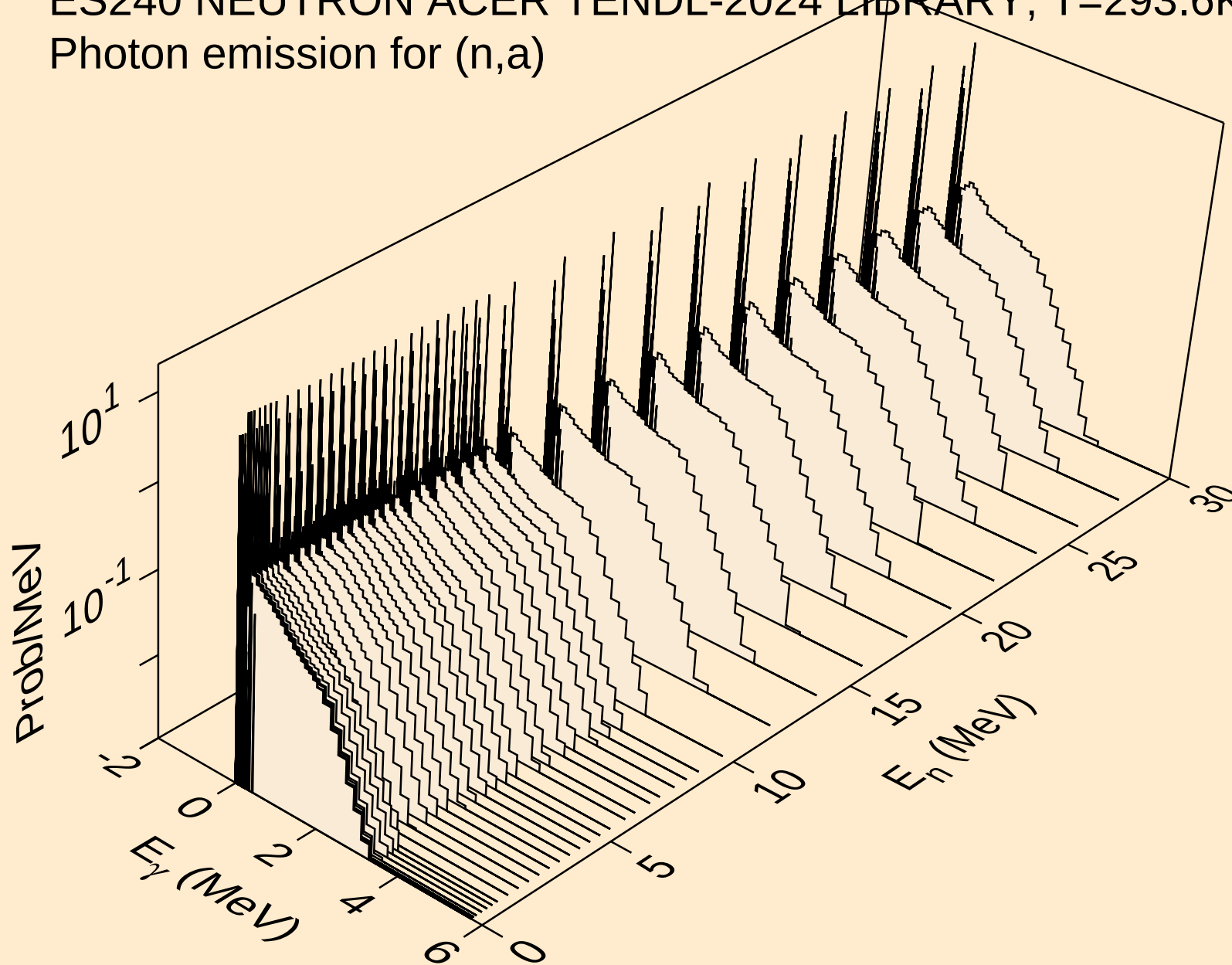
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



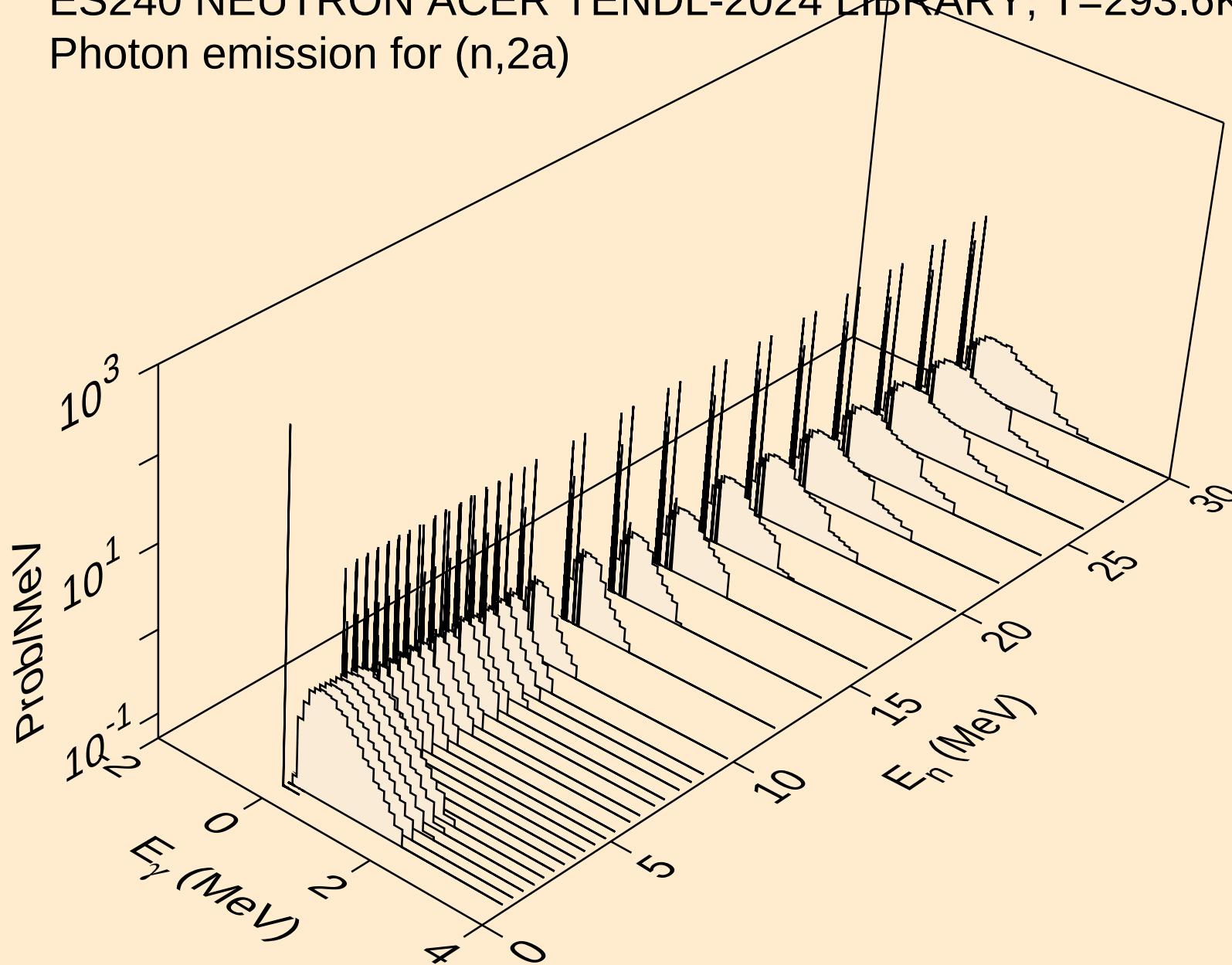
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)

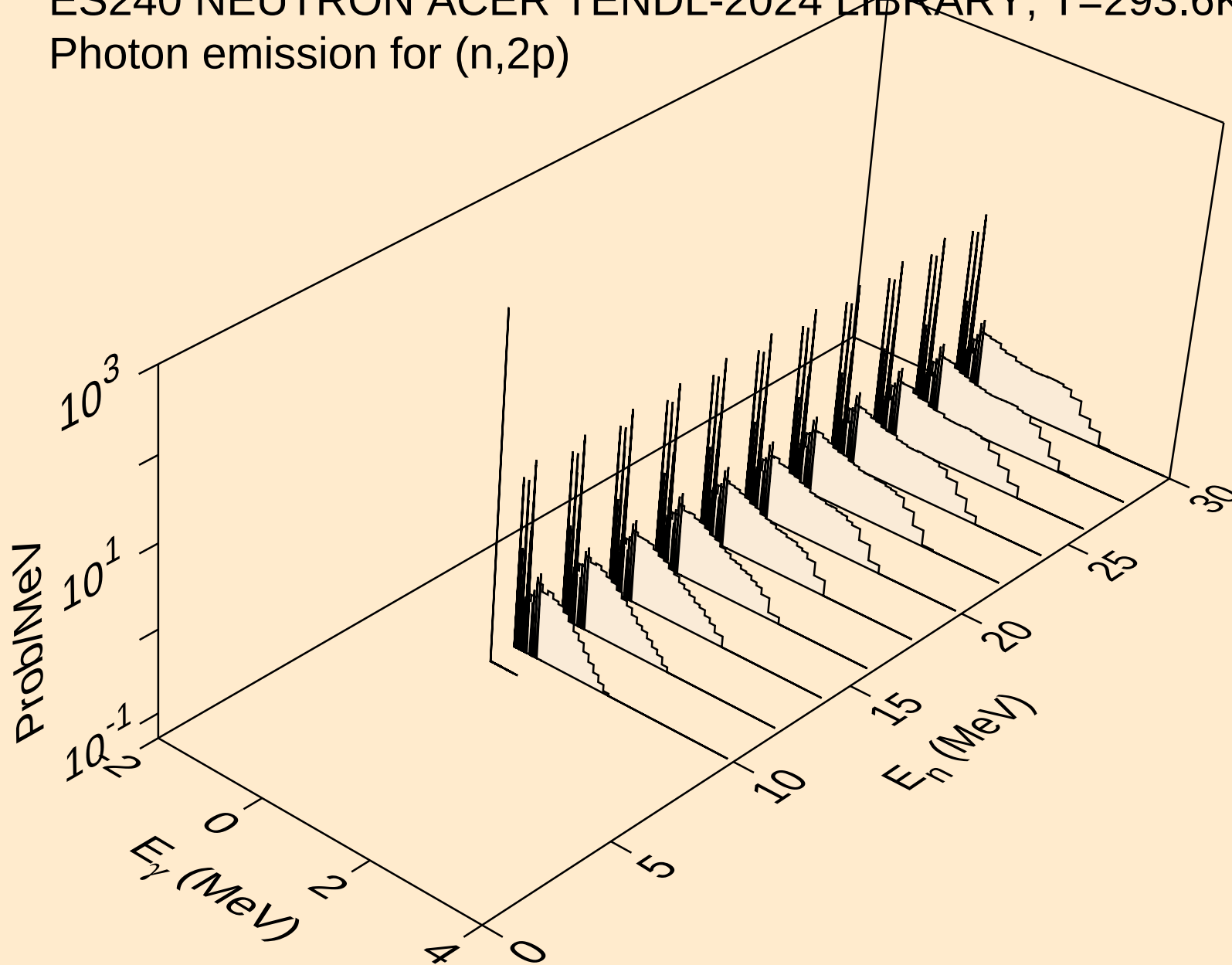


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)

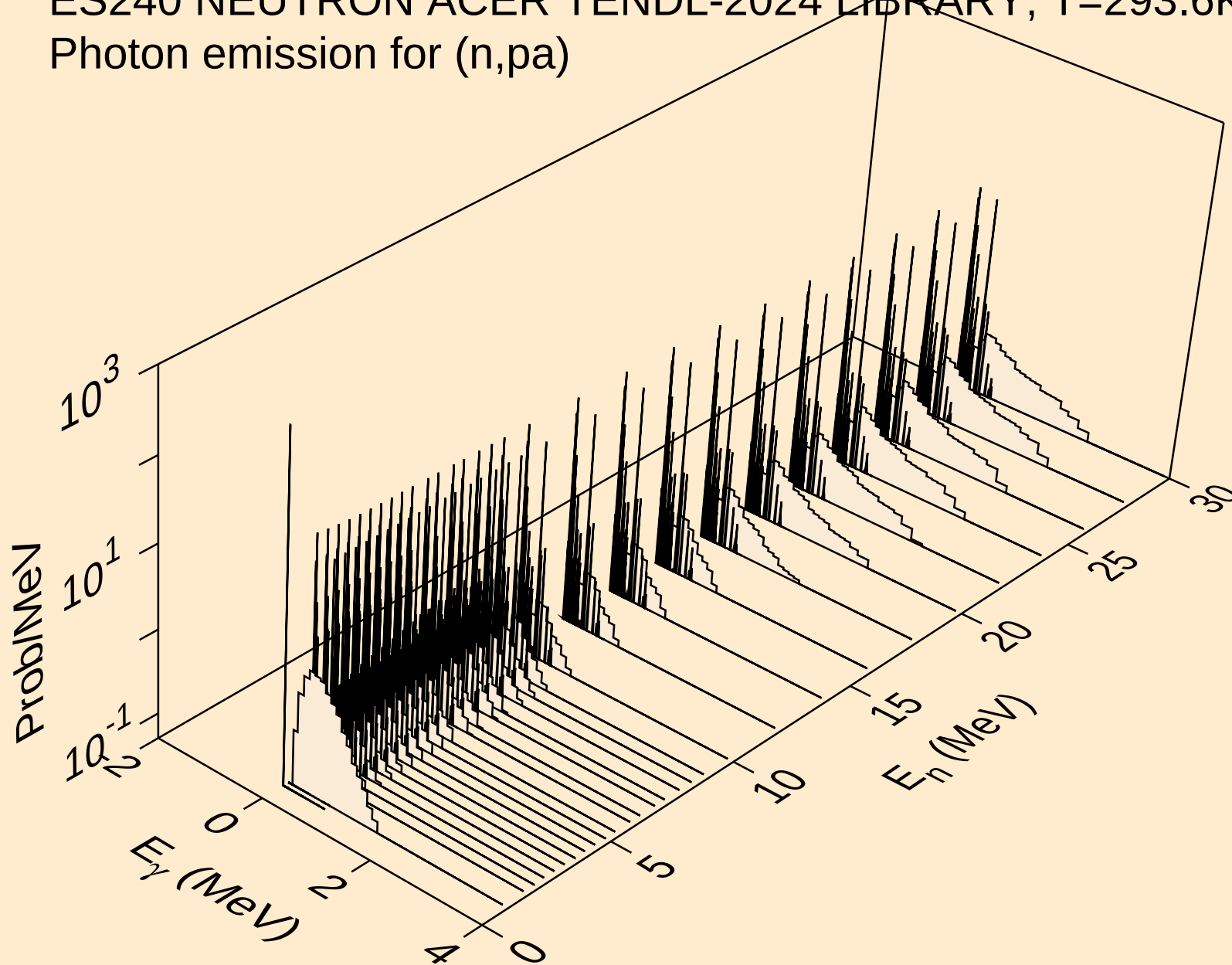




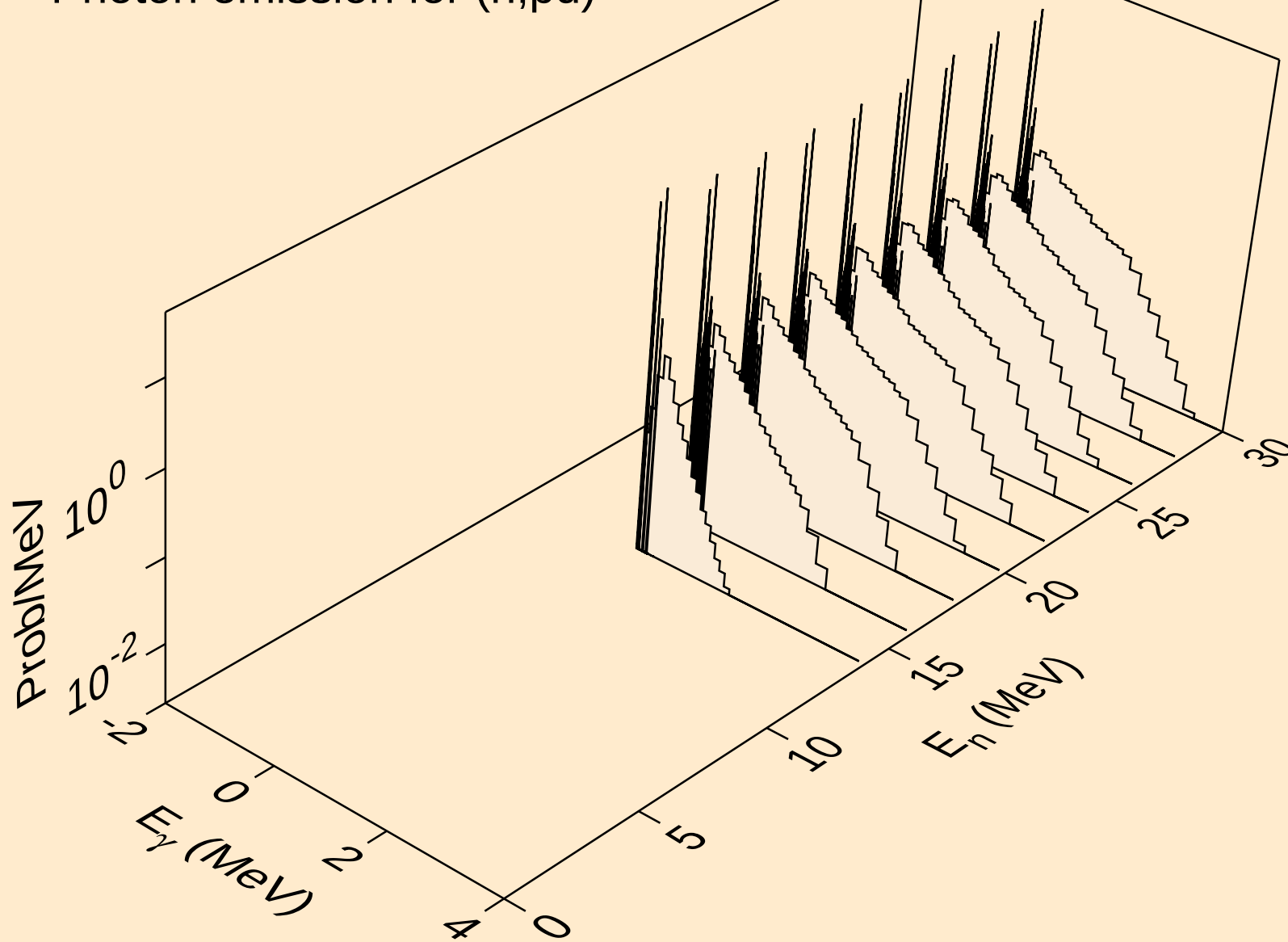
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

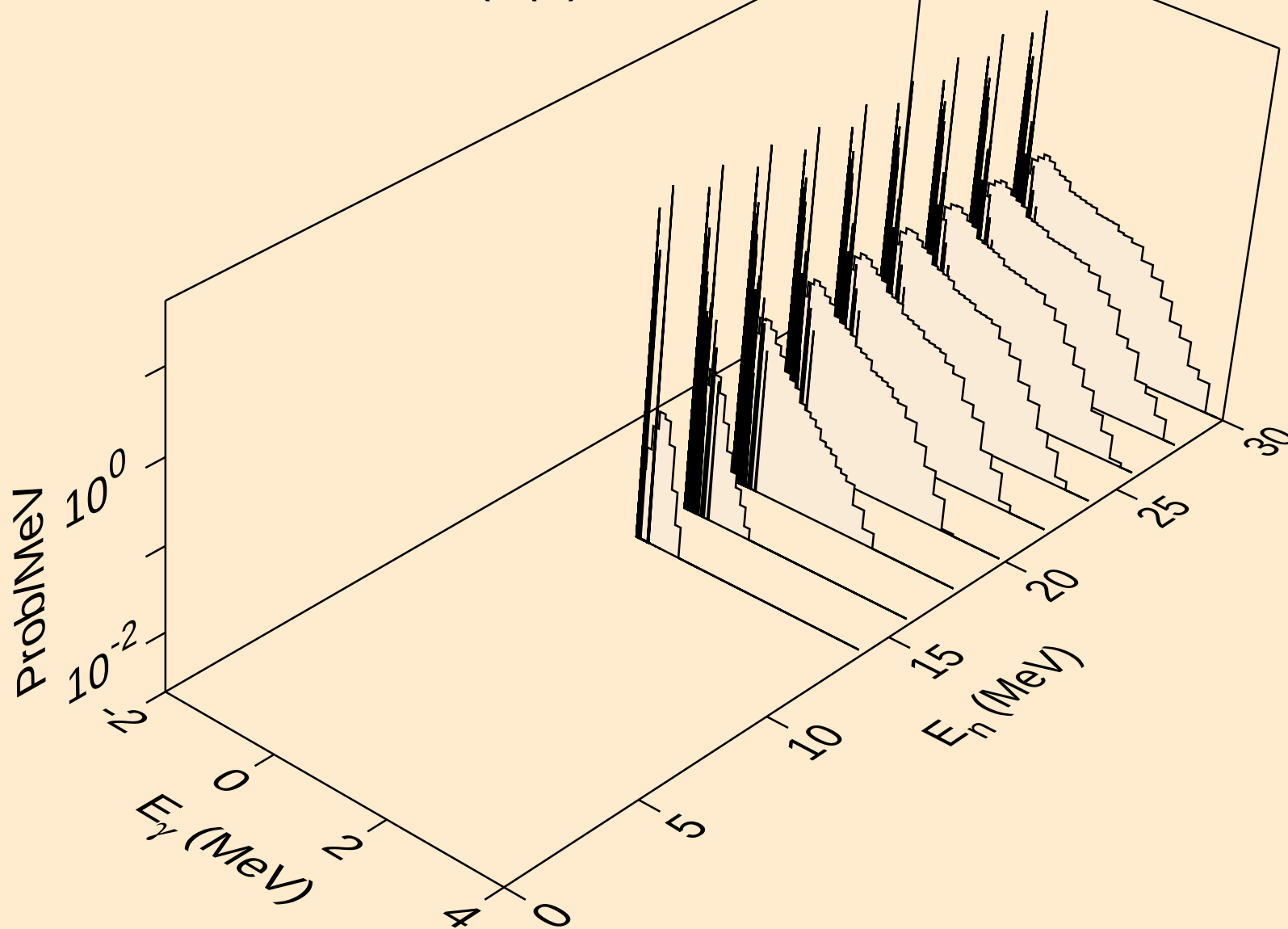


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)

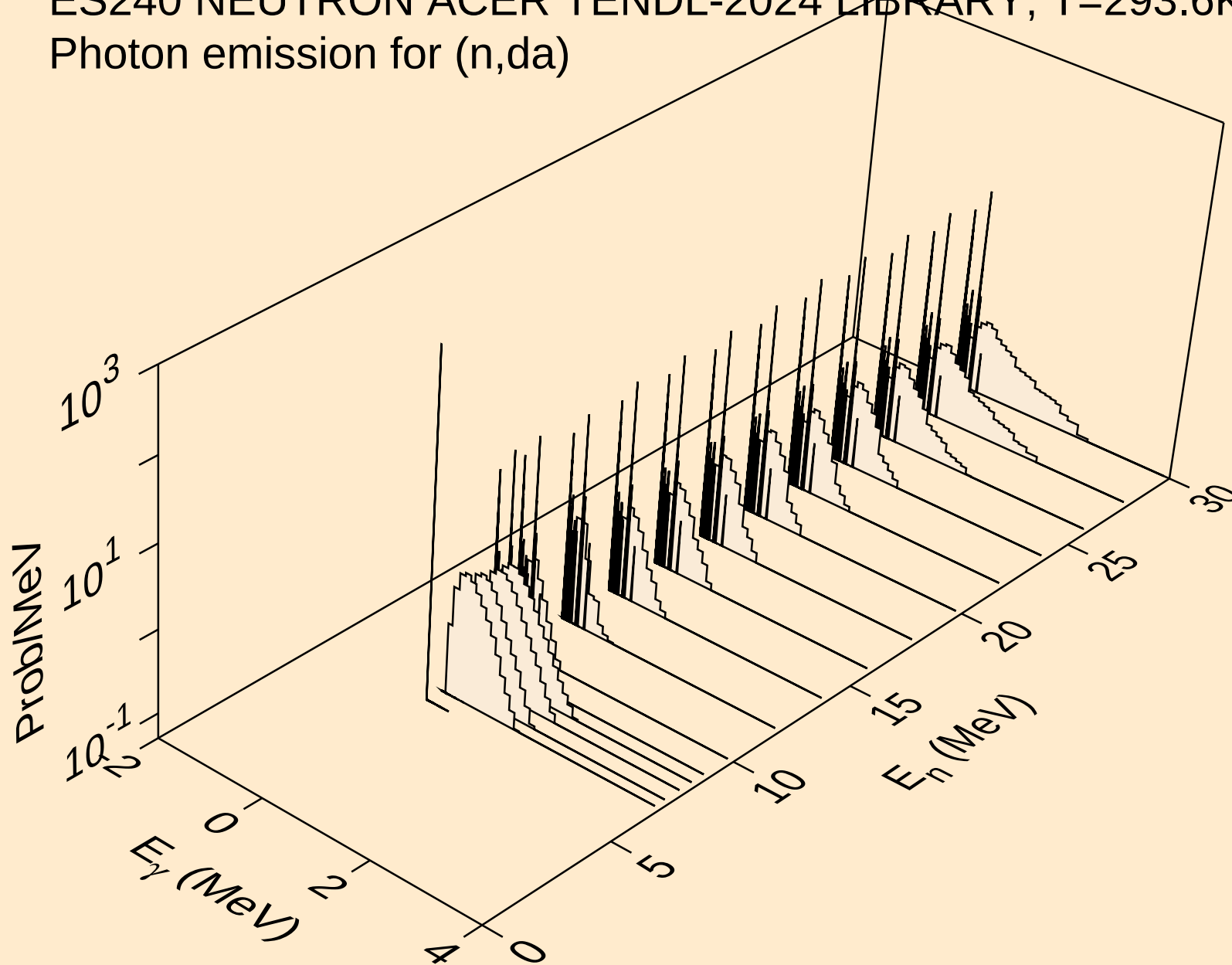


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

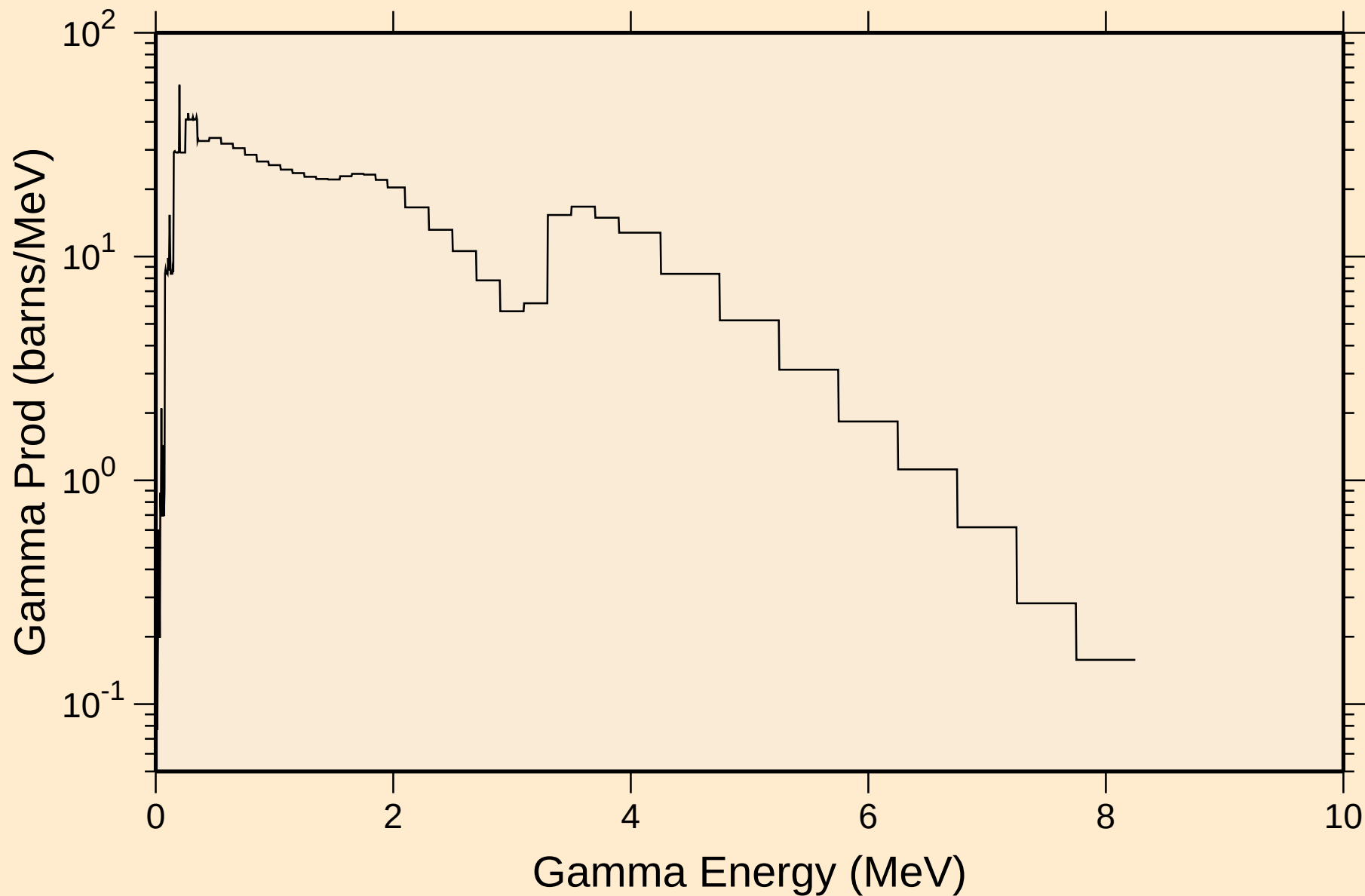
Photon emission for (n,pt)



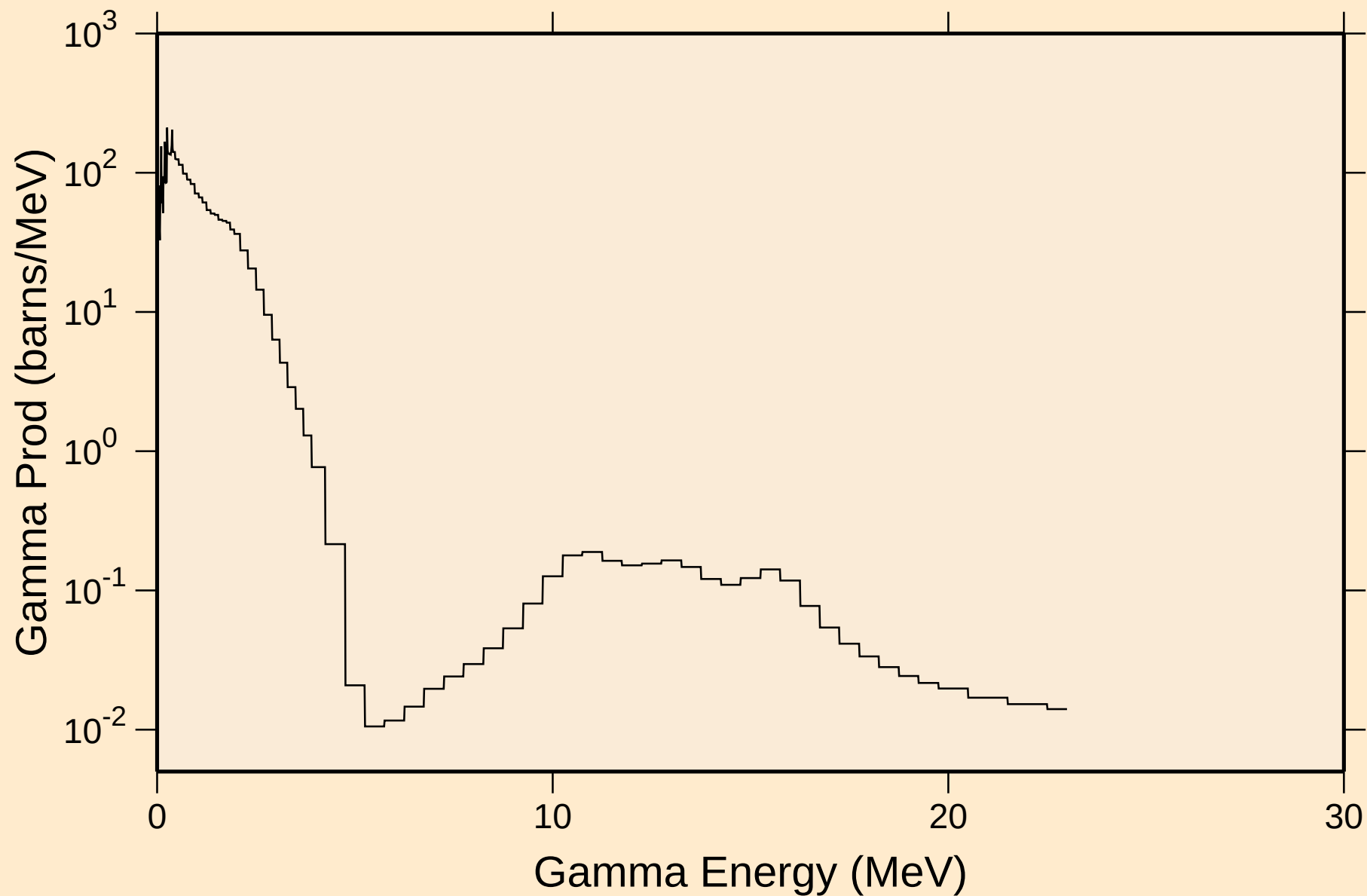
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

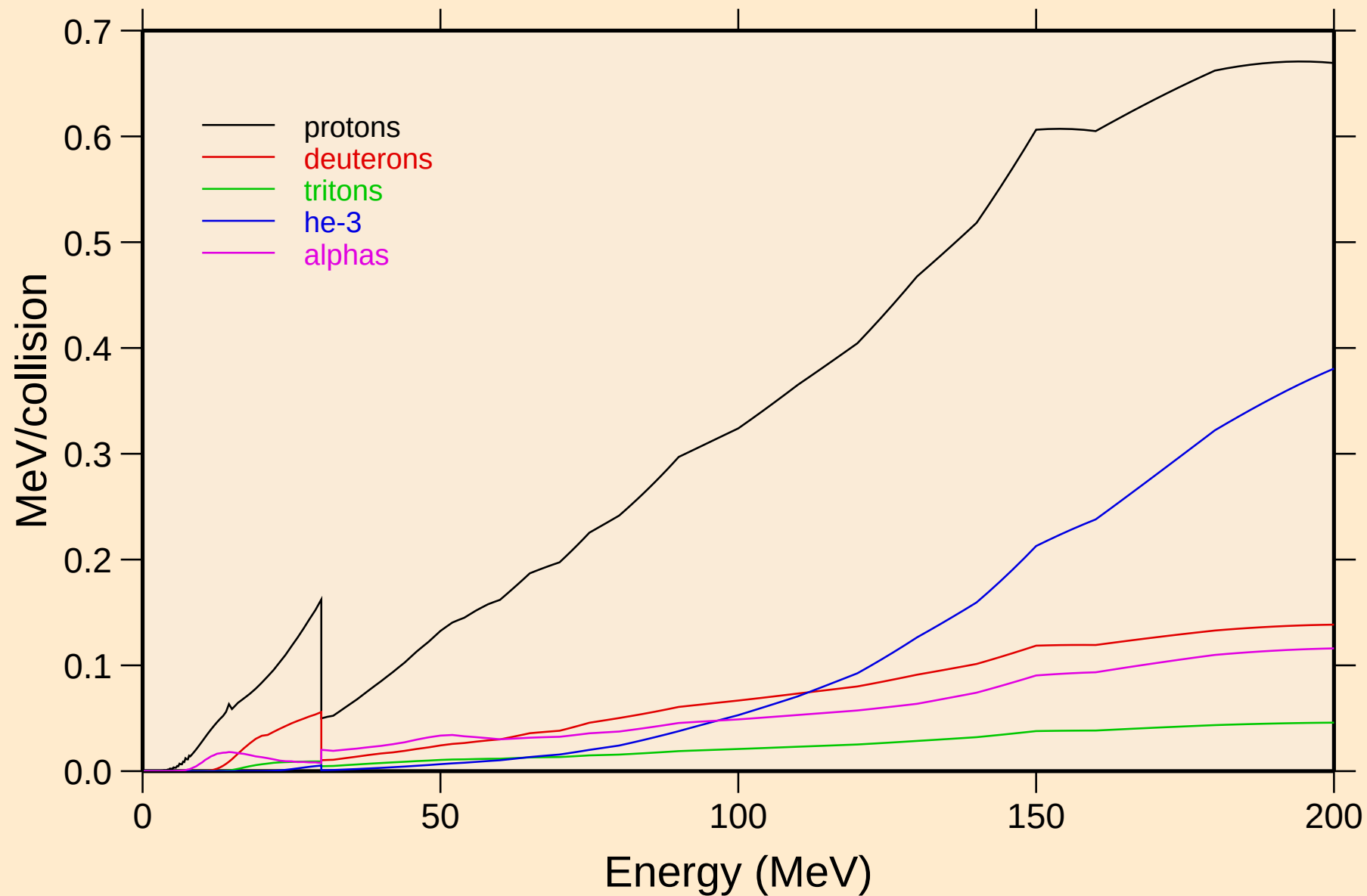


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



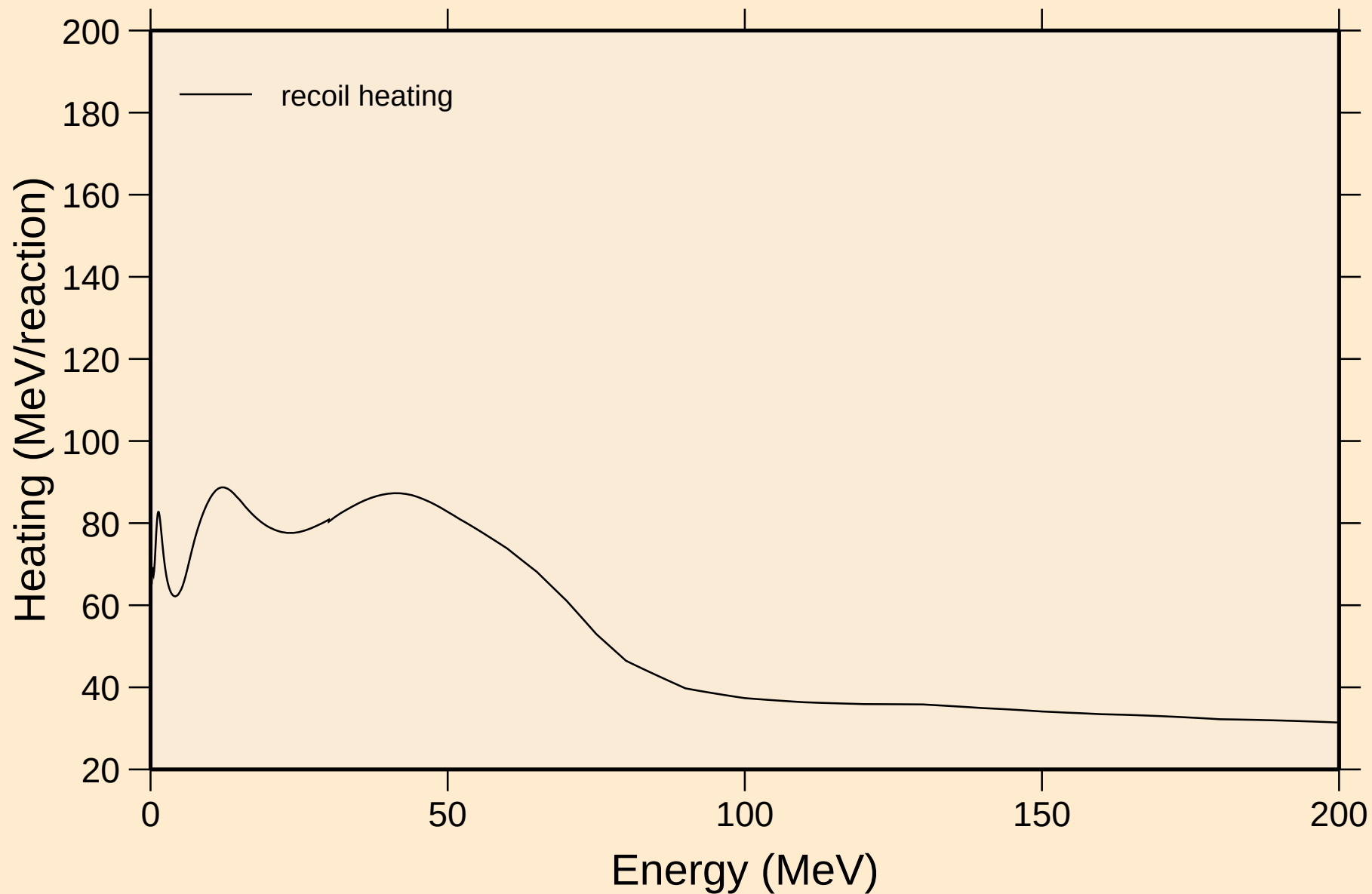
# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions



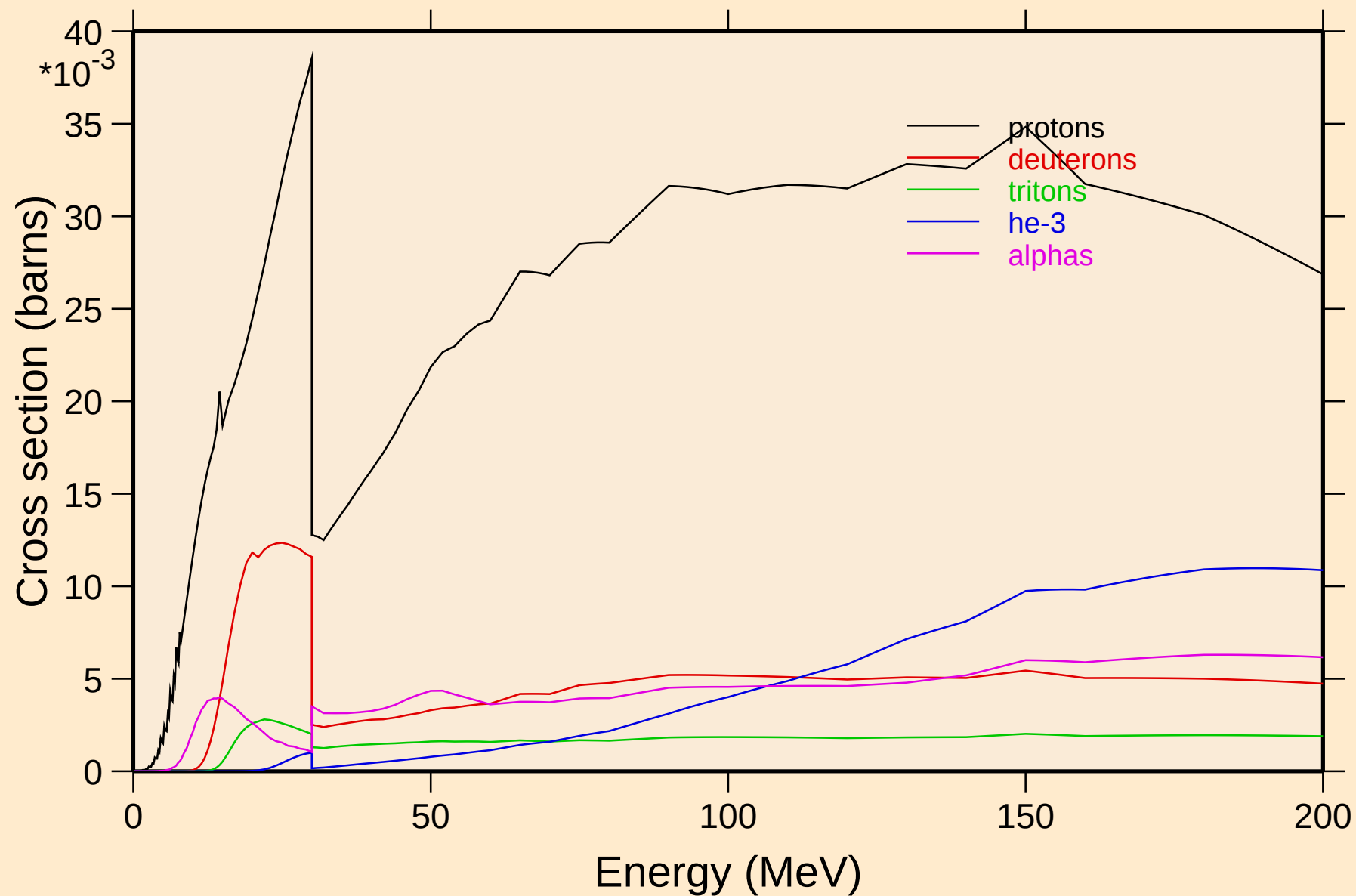


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

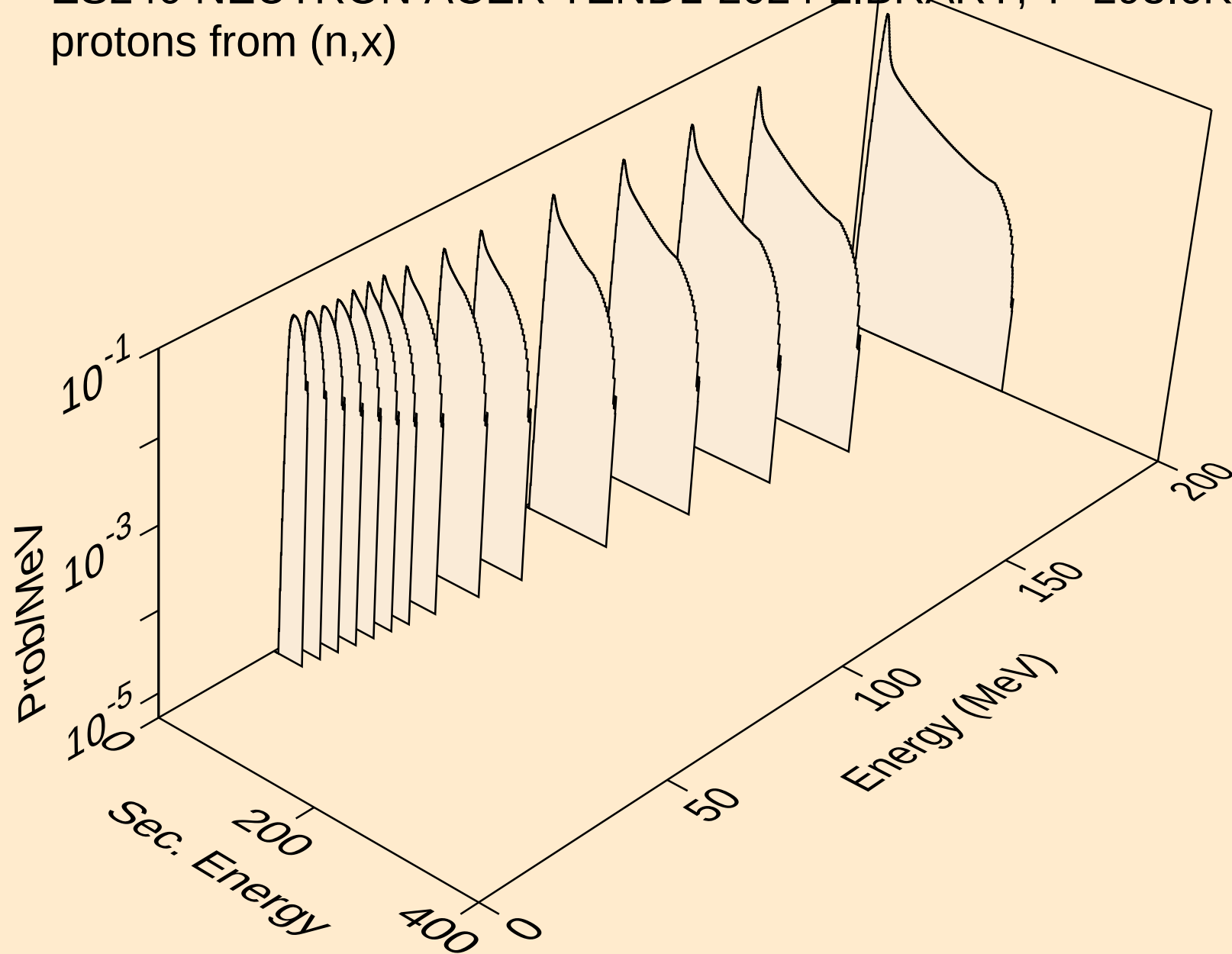


# ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

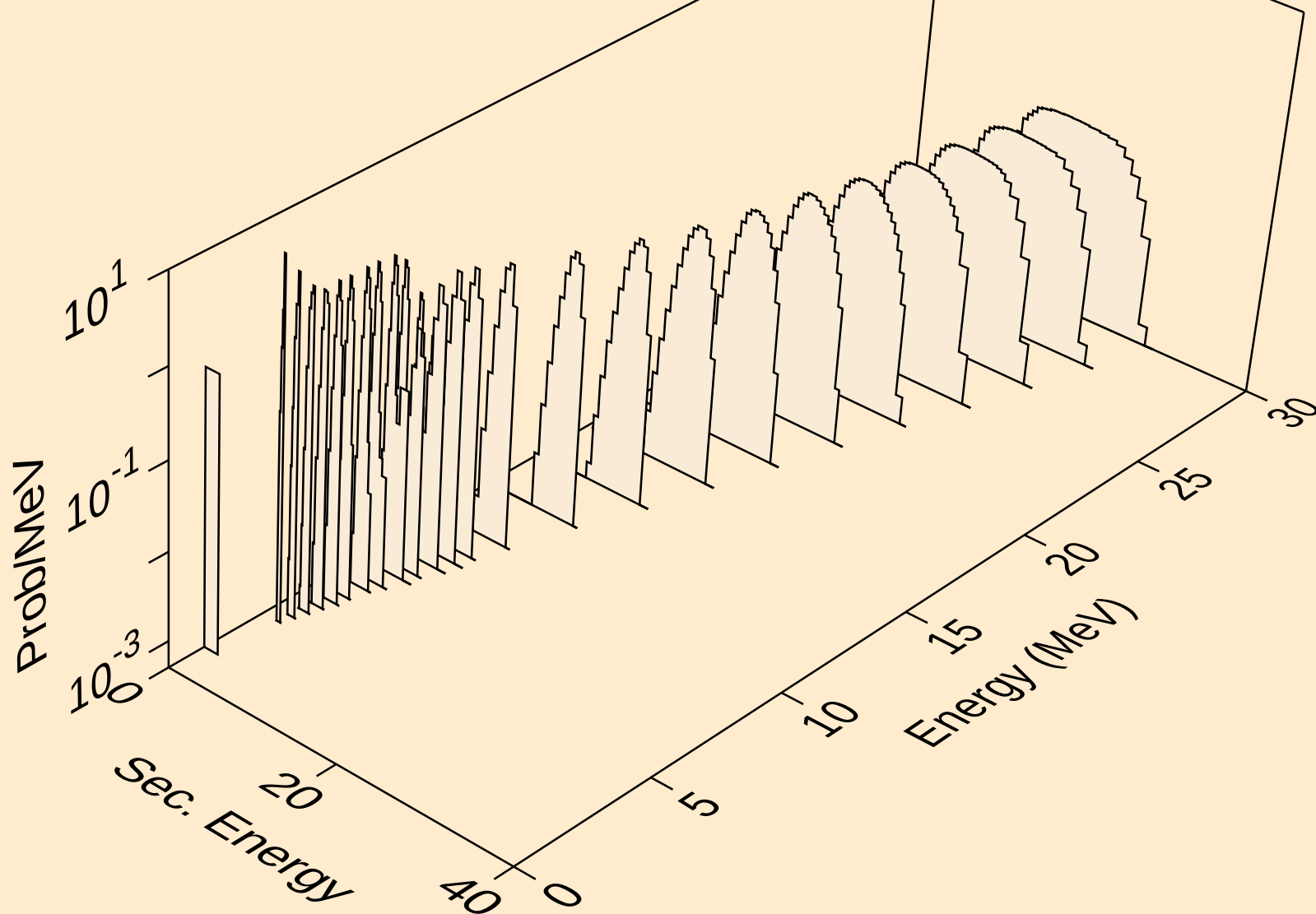
## Particle production cross sections



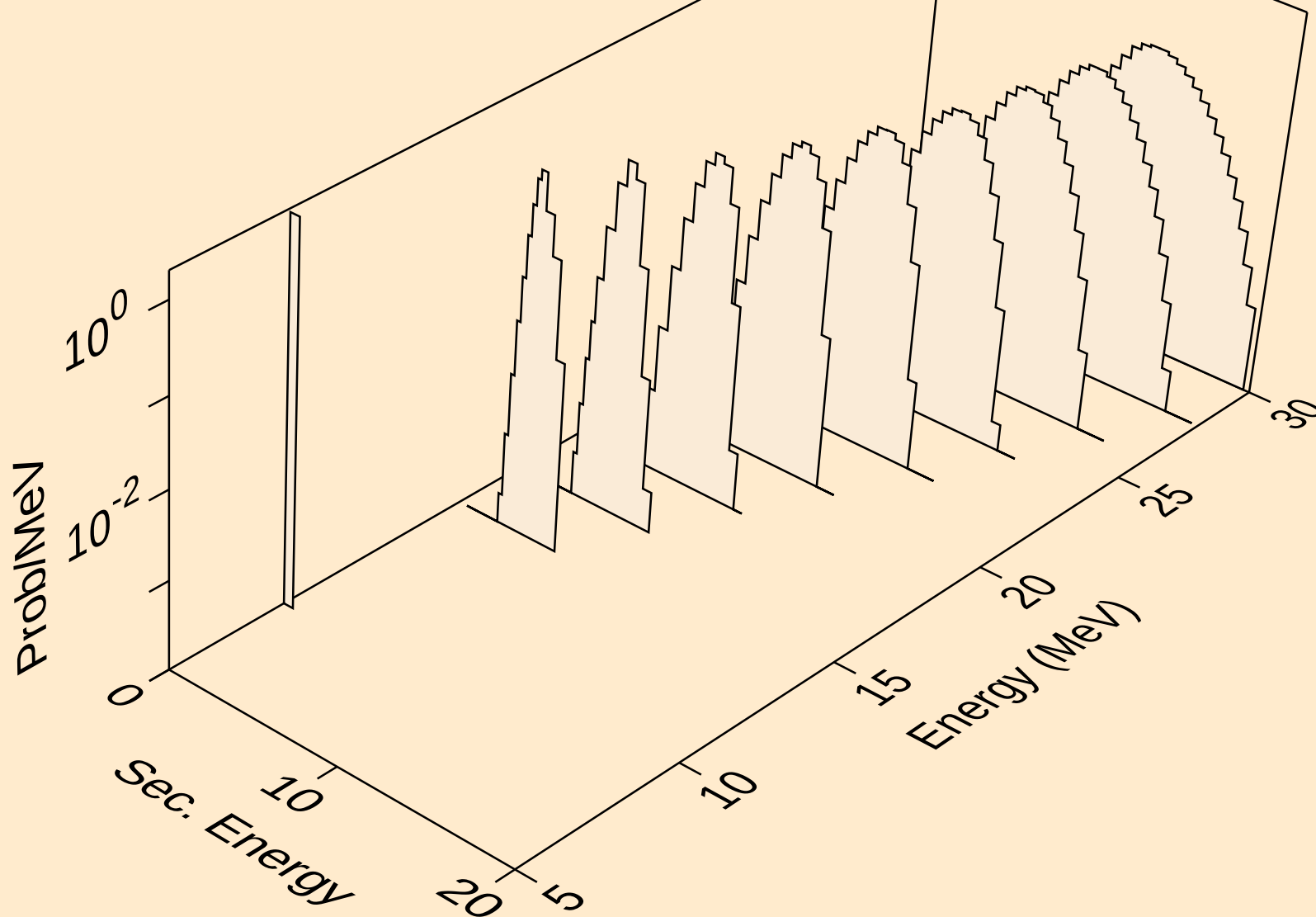
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



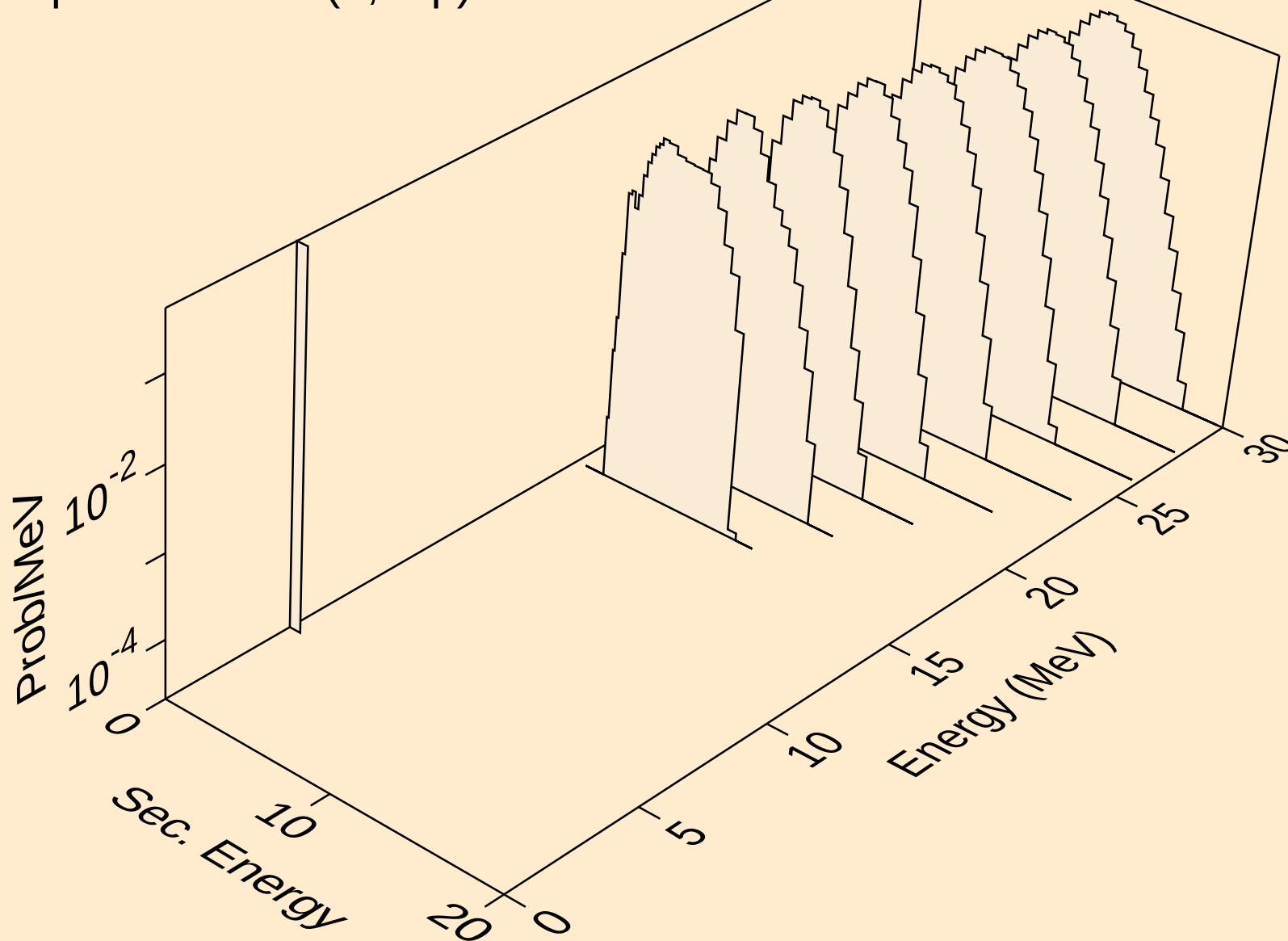
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



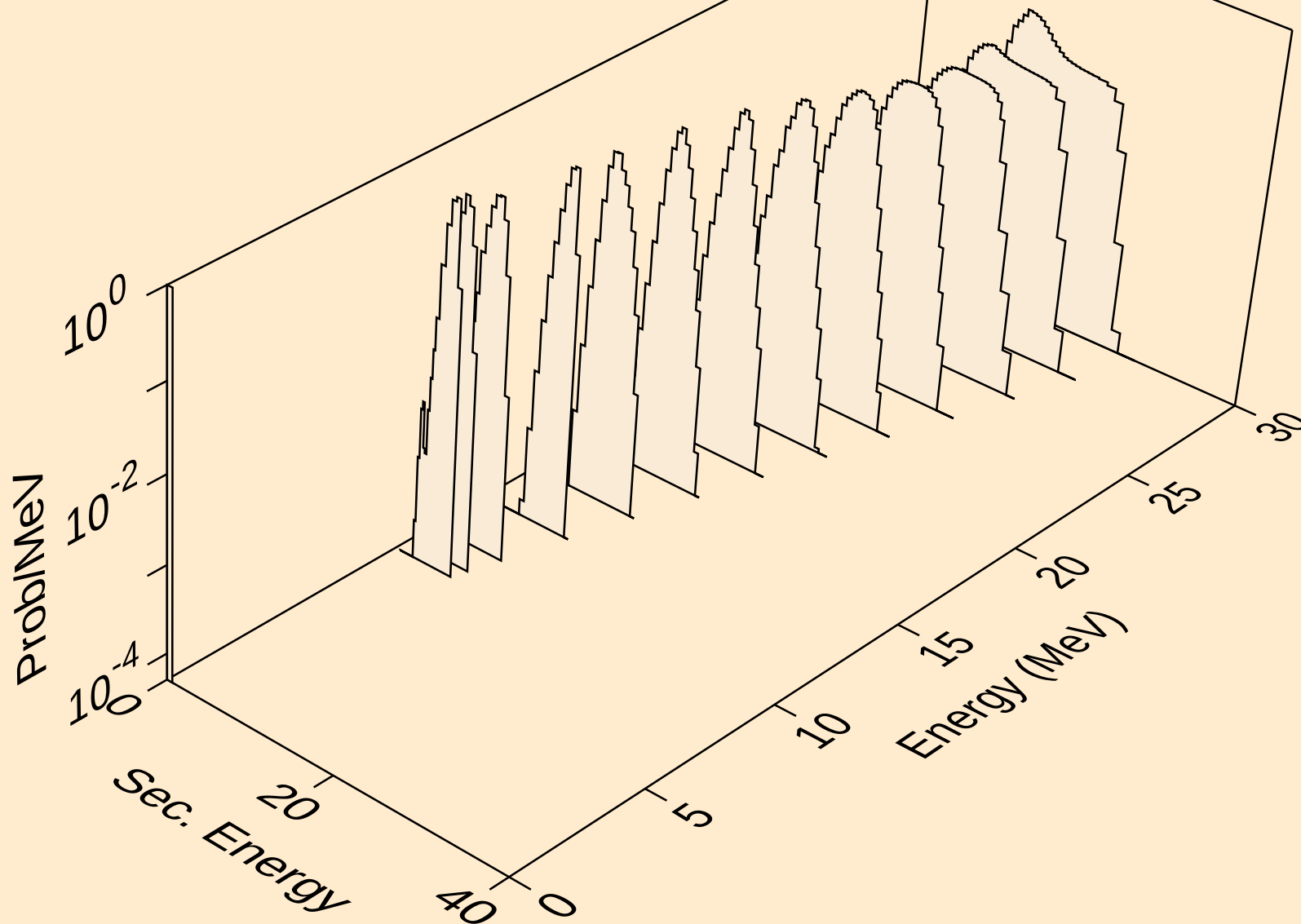
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



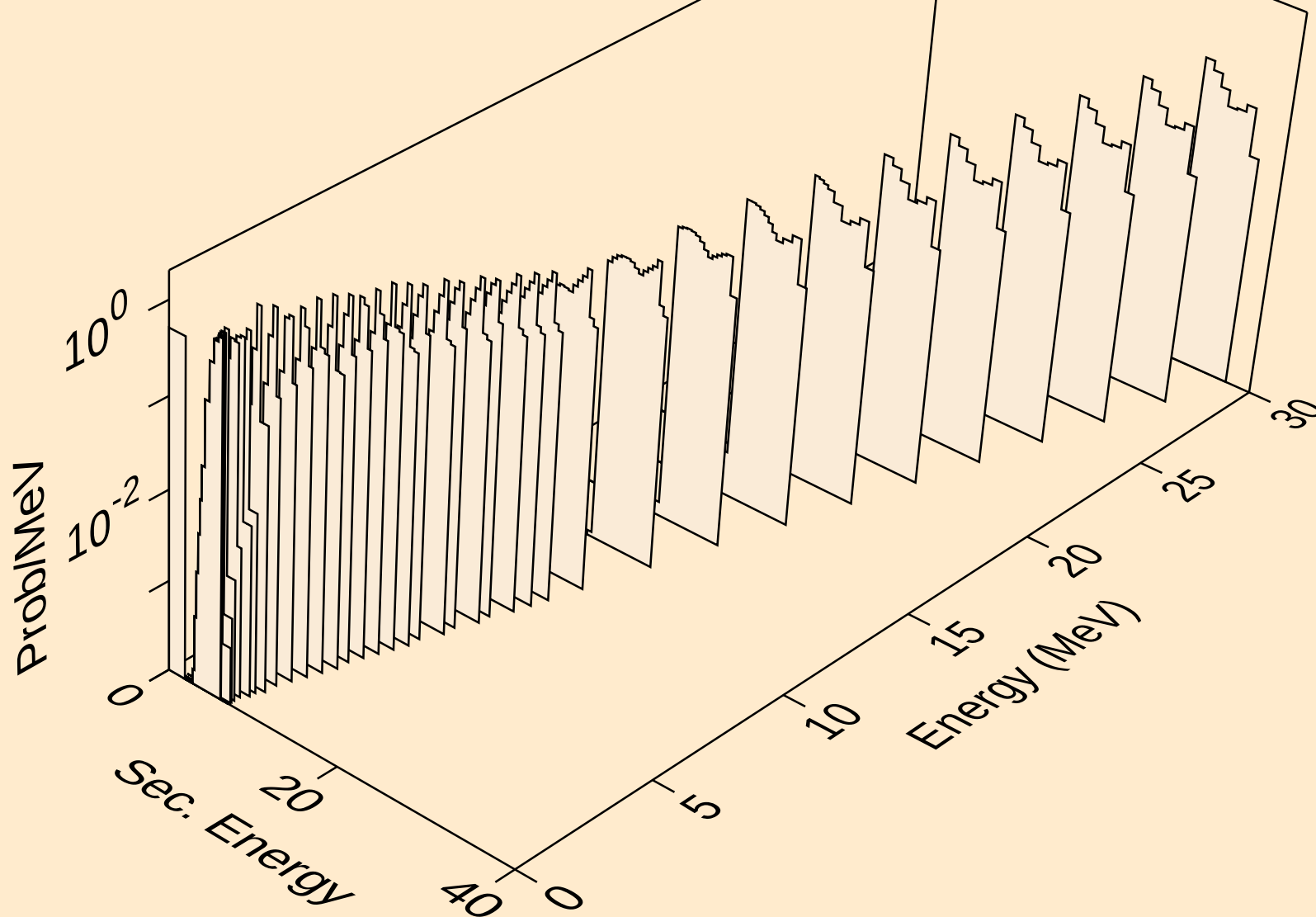
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)

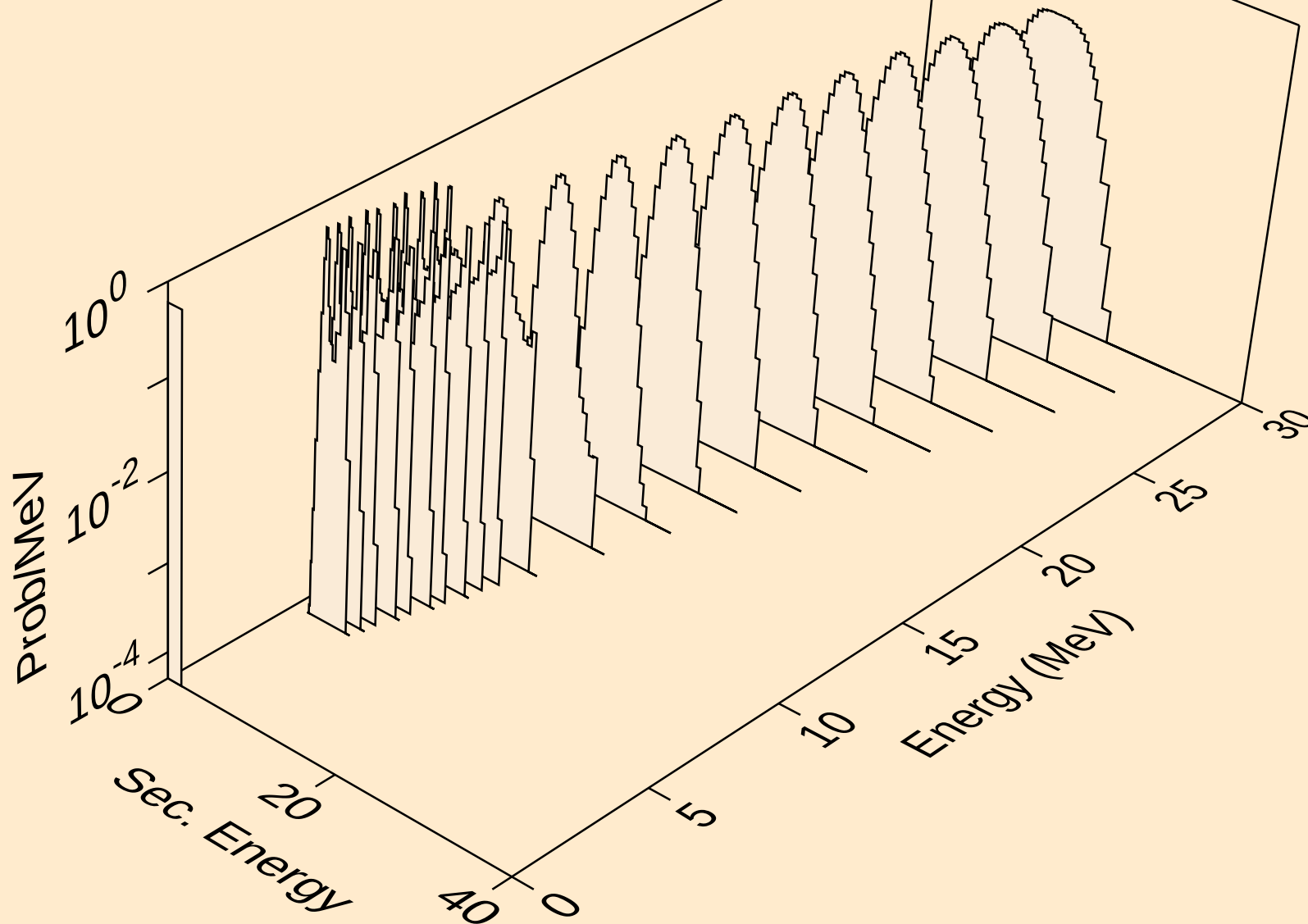


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)

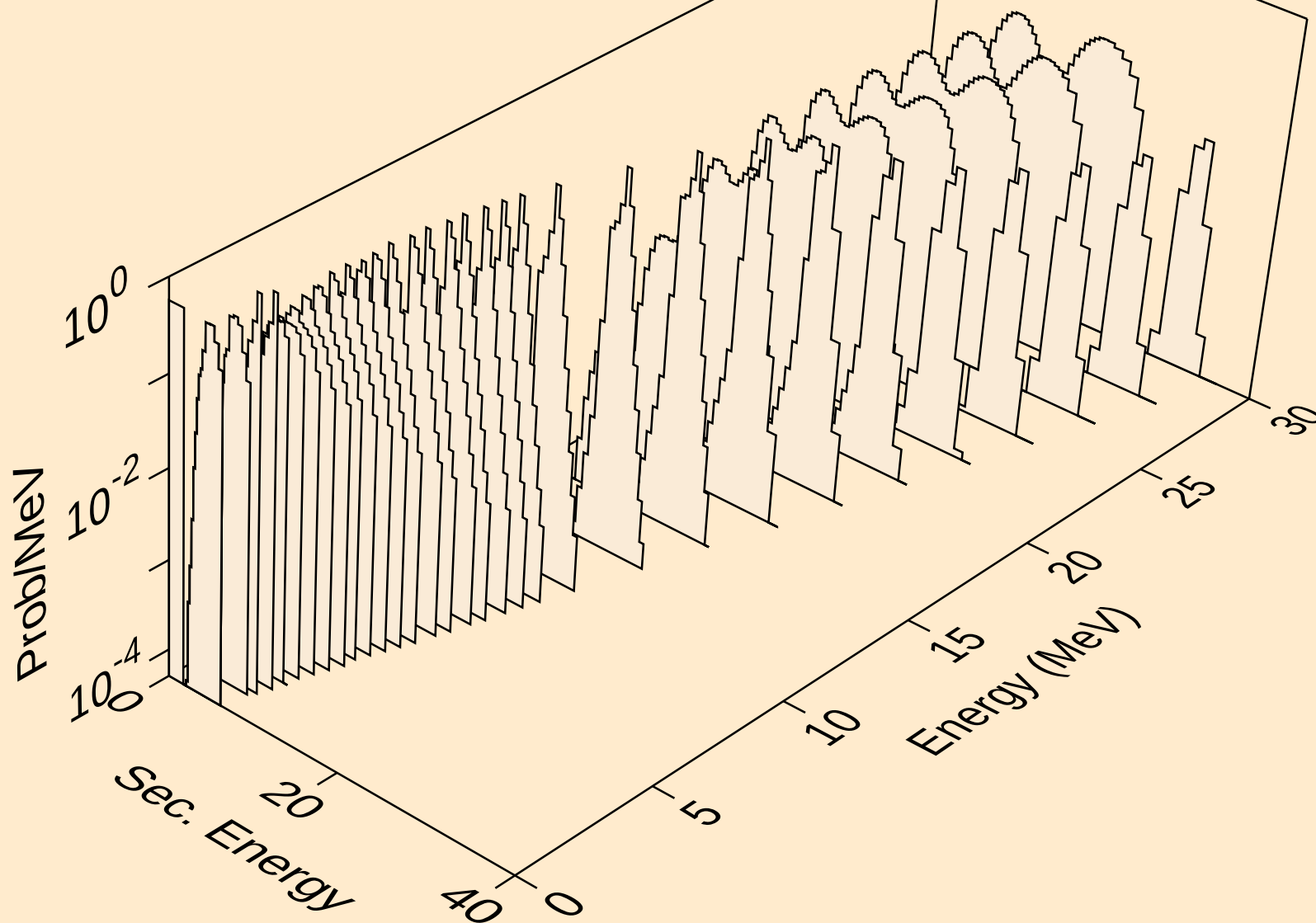




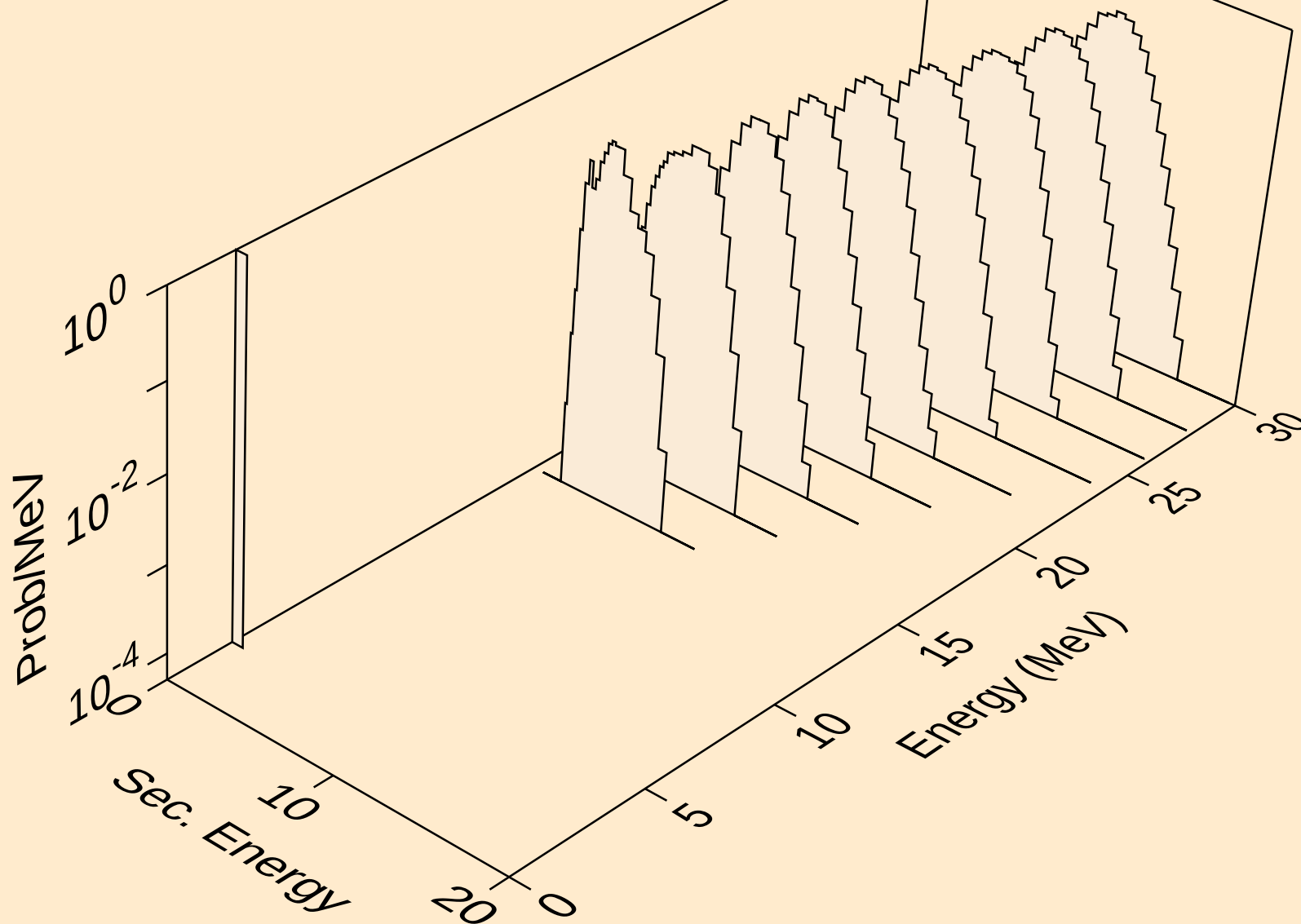
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



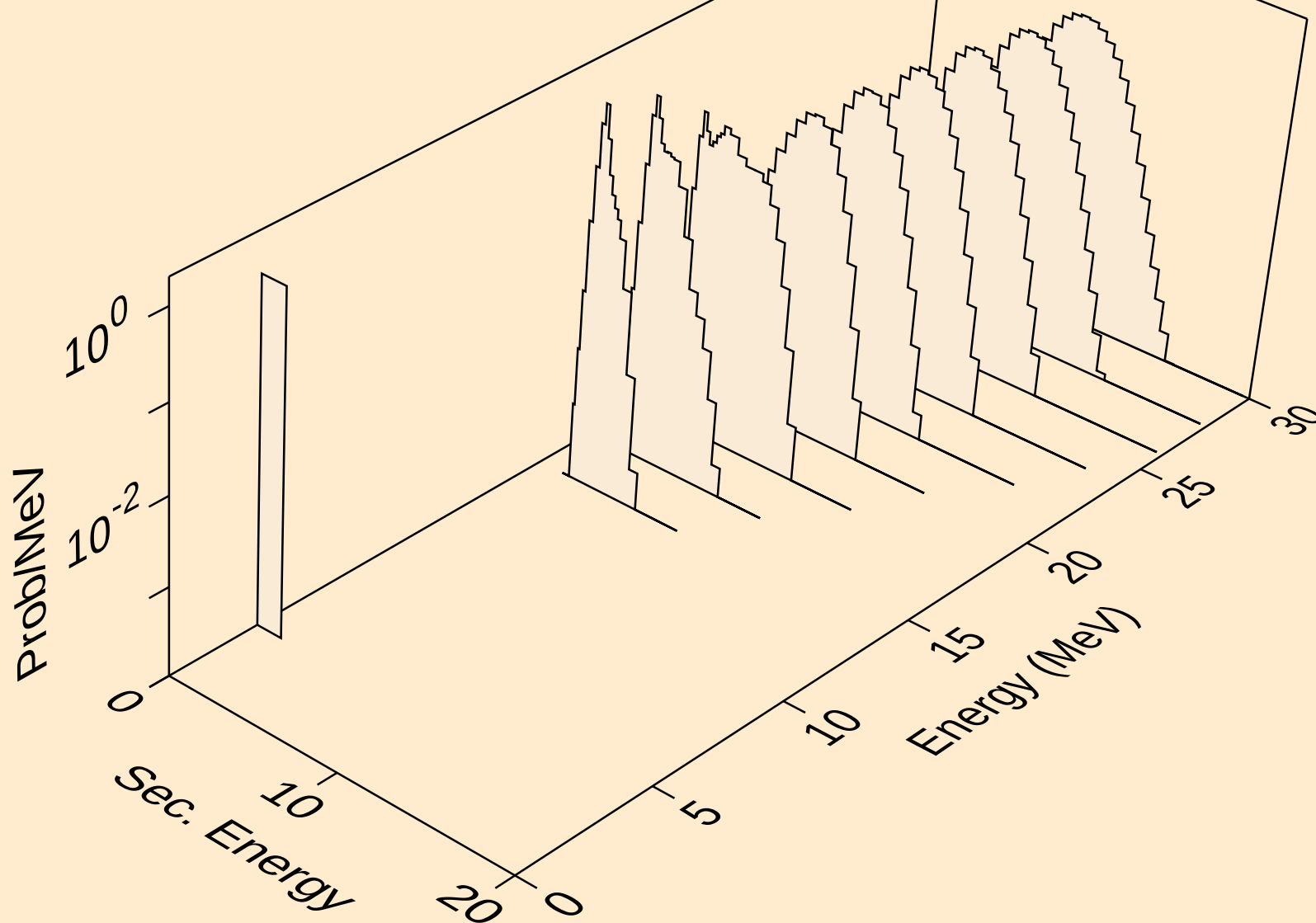
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



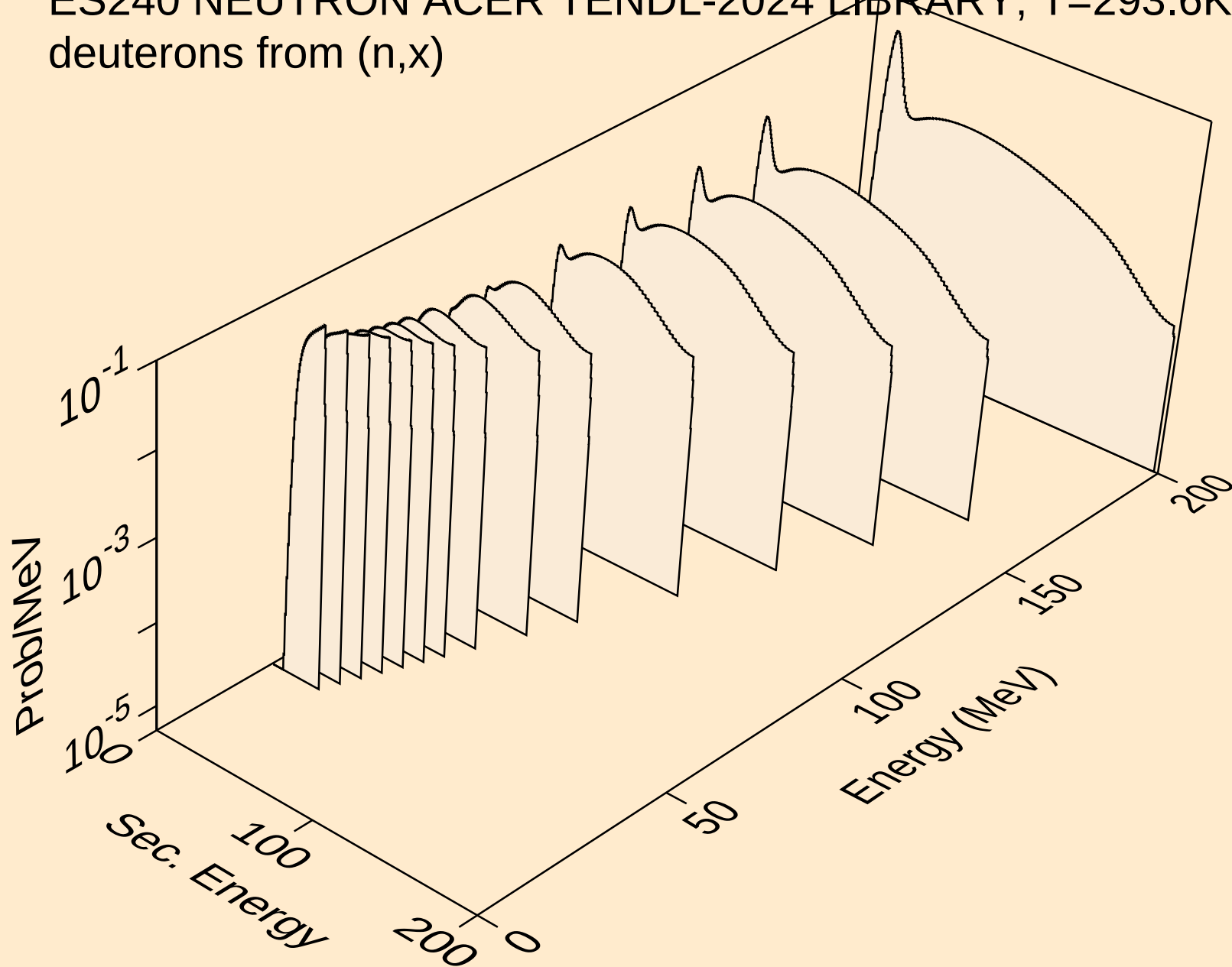
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



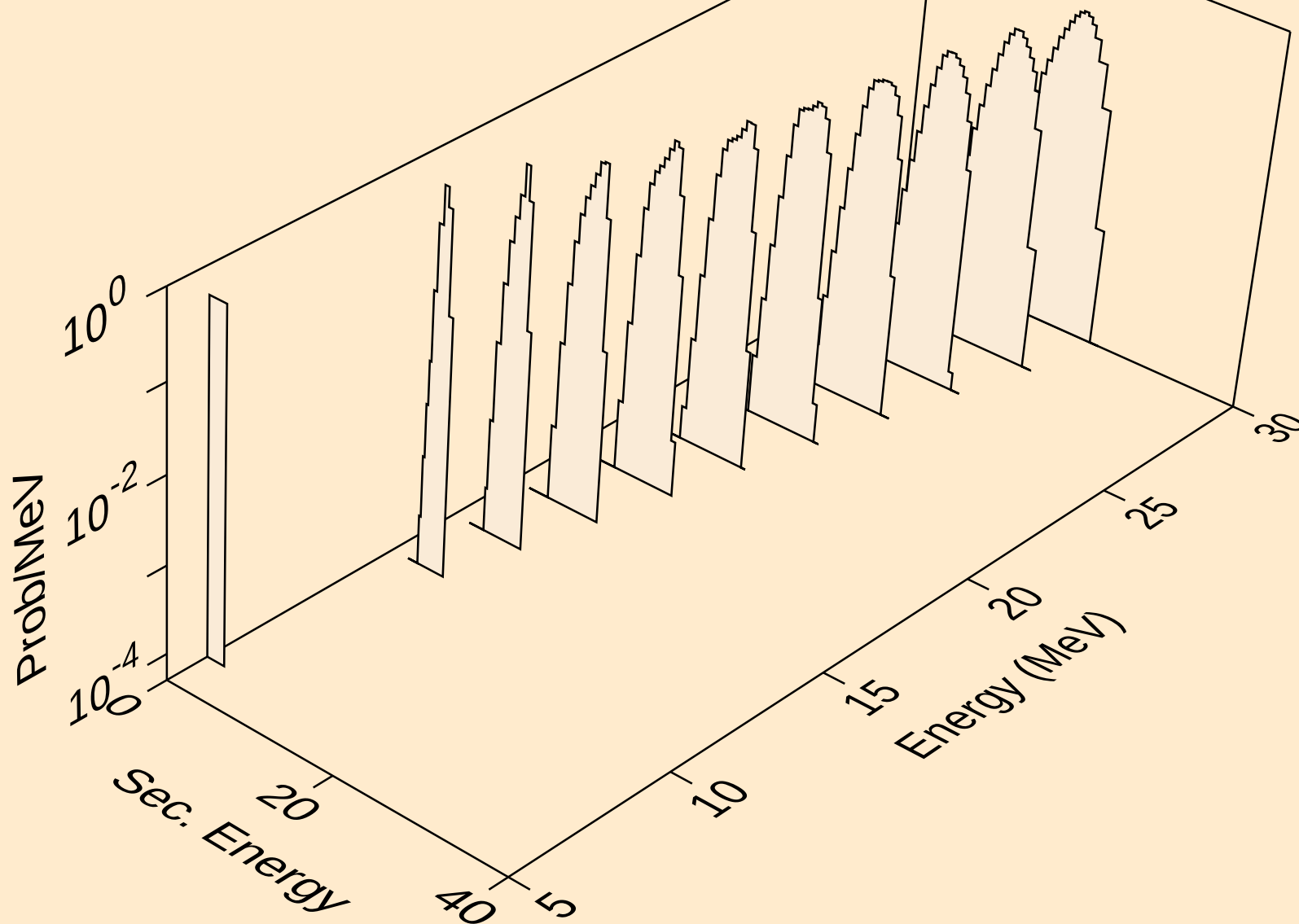
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



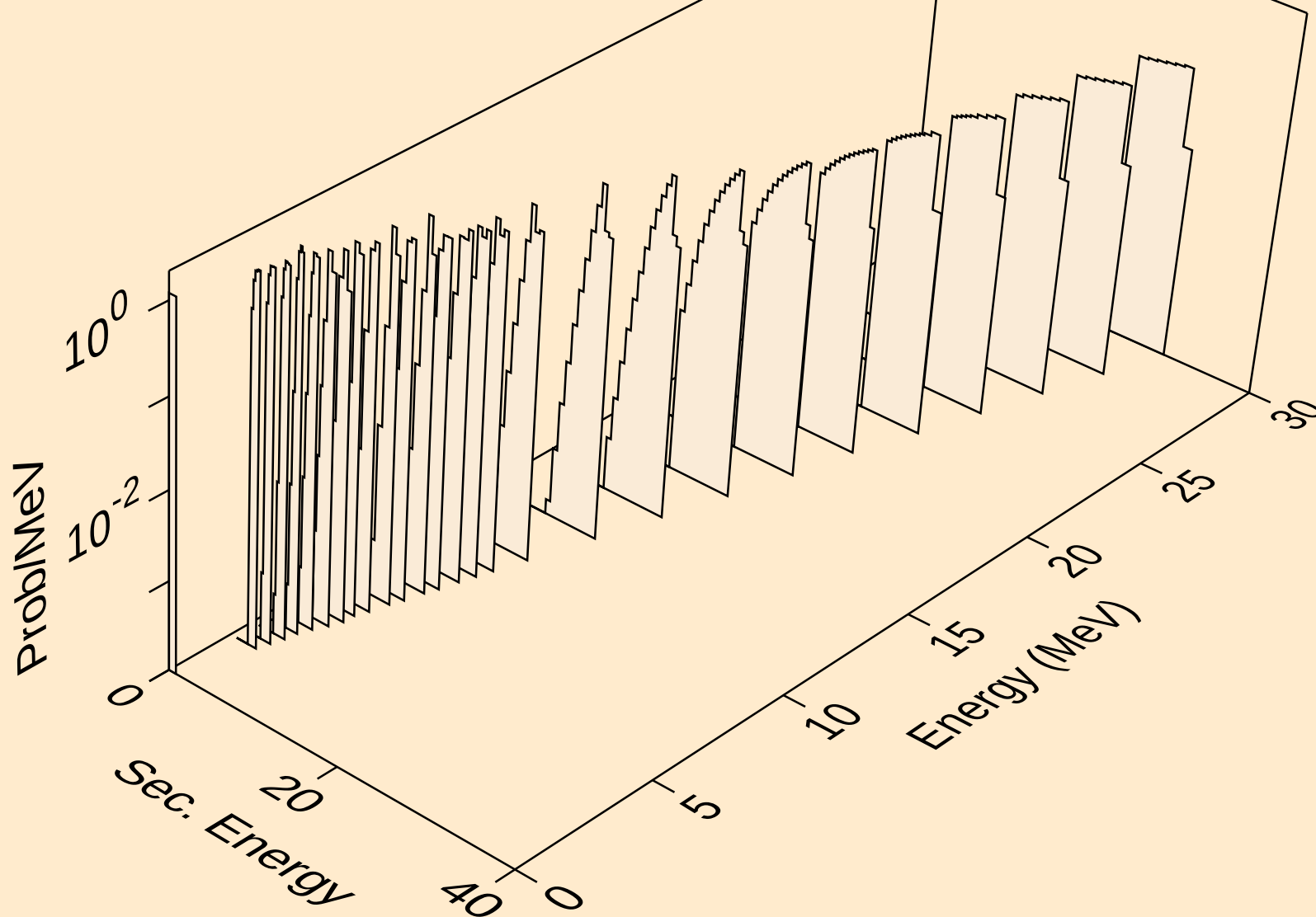
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



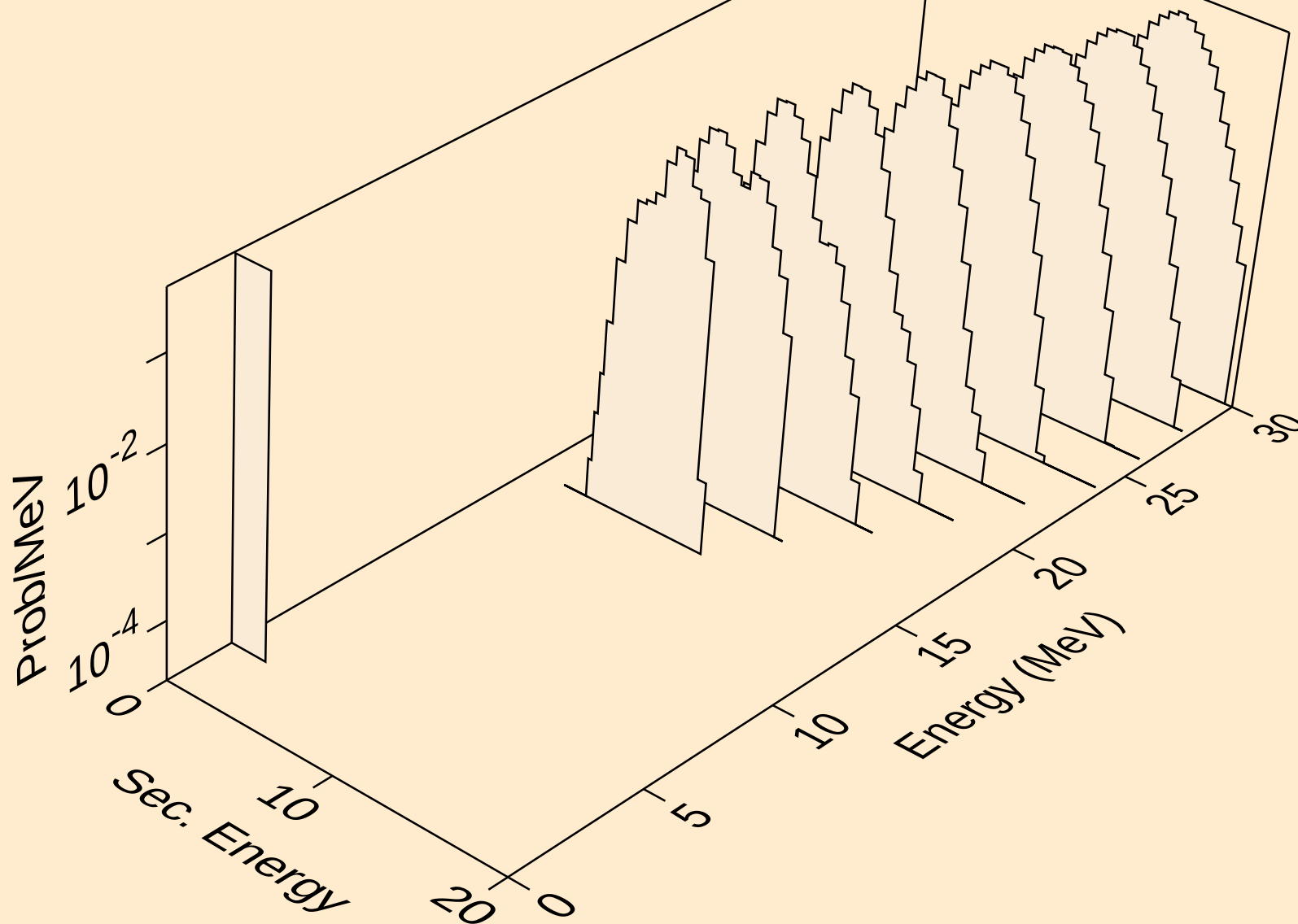
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)

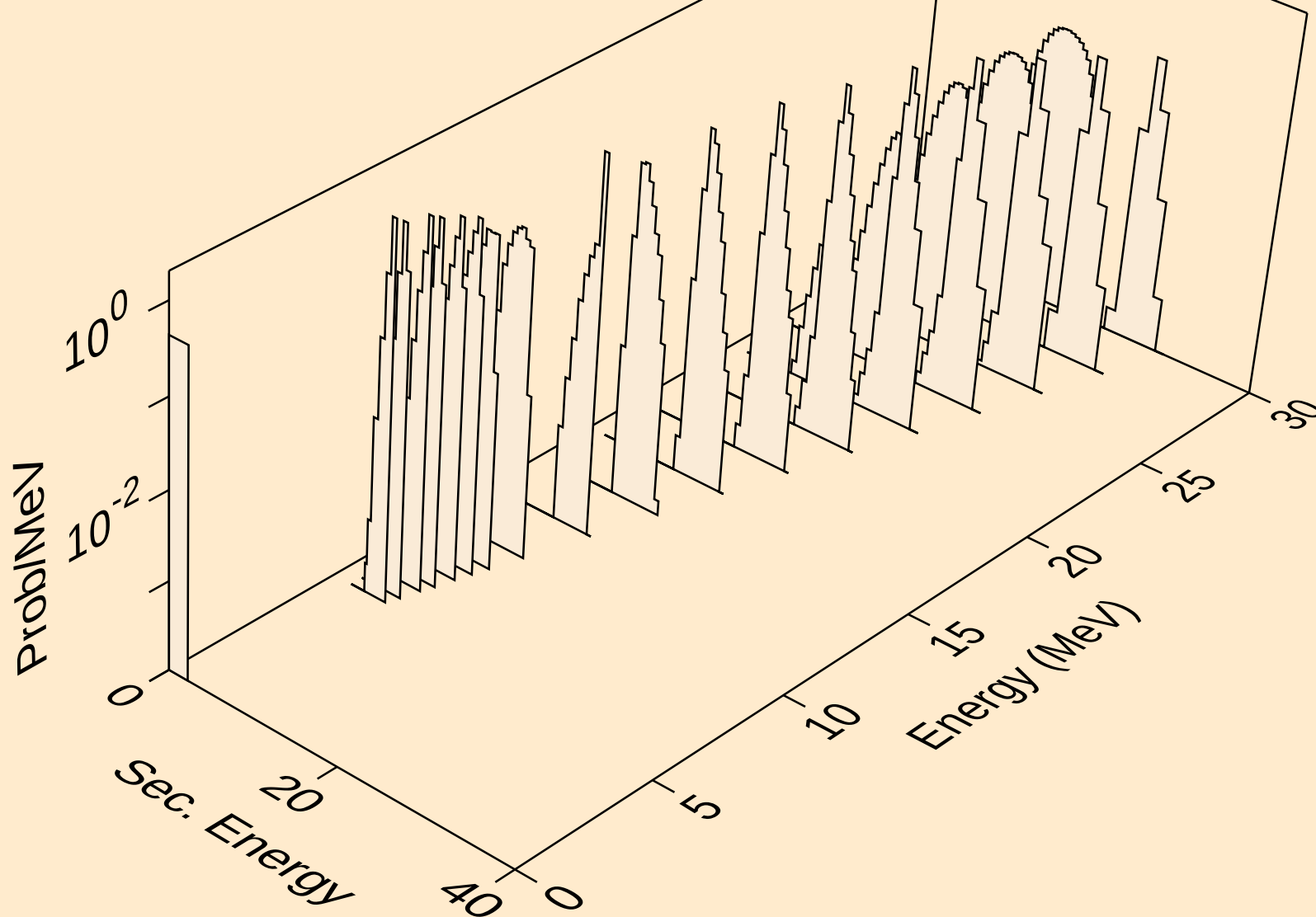


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)

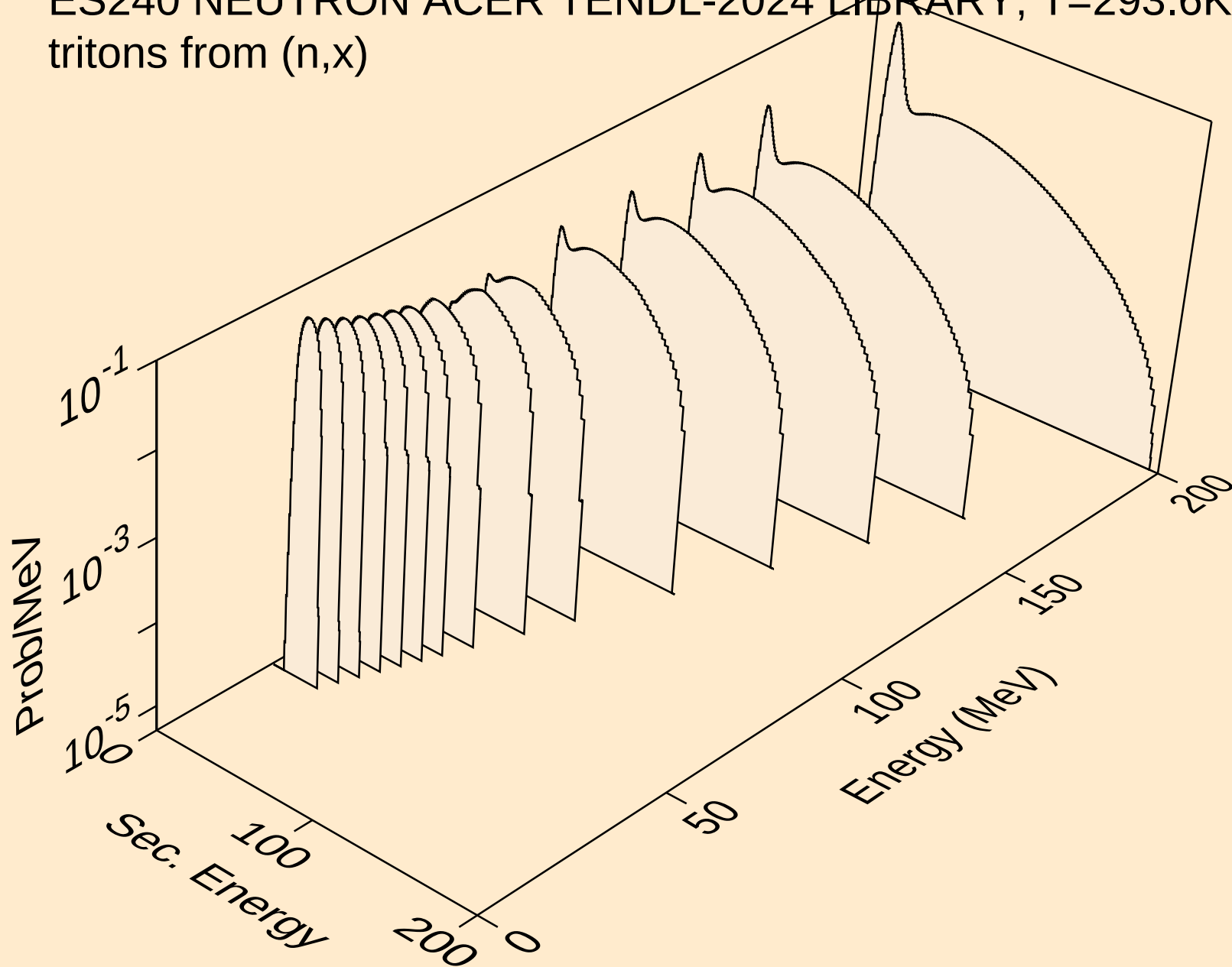




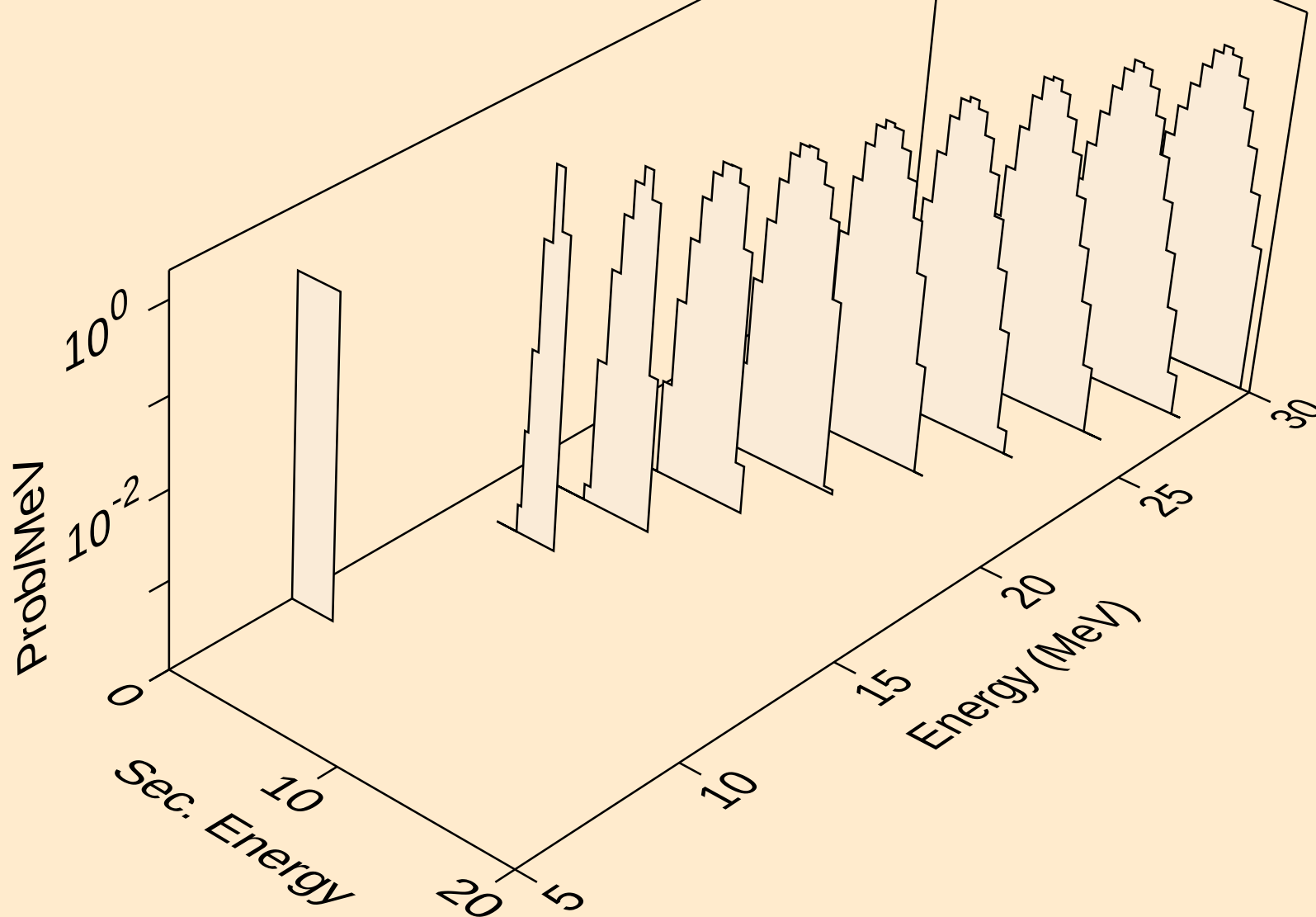
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,da)



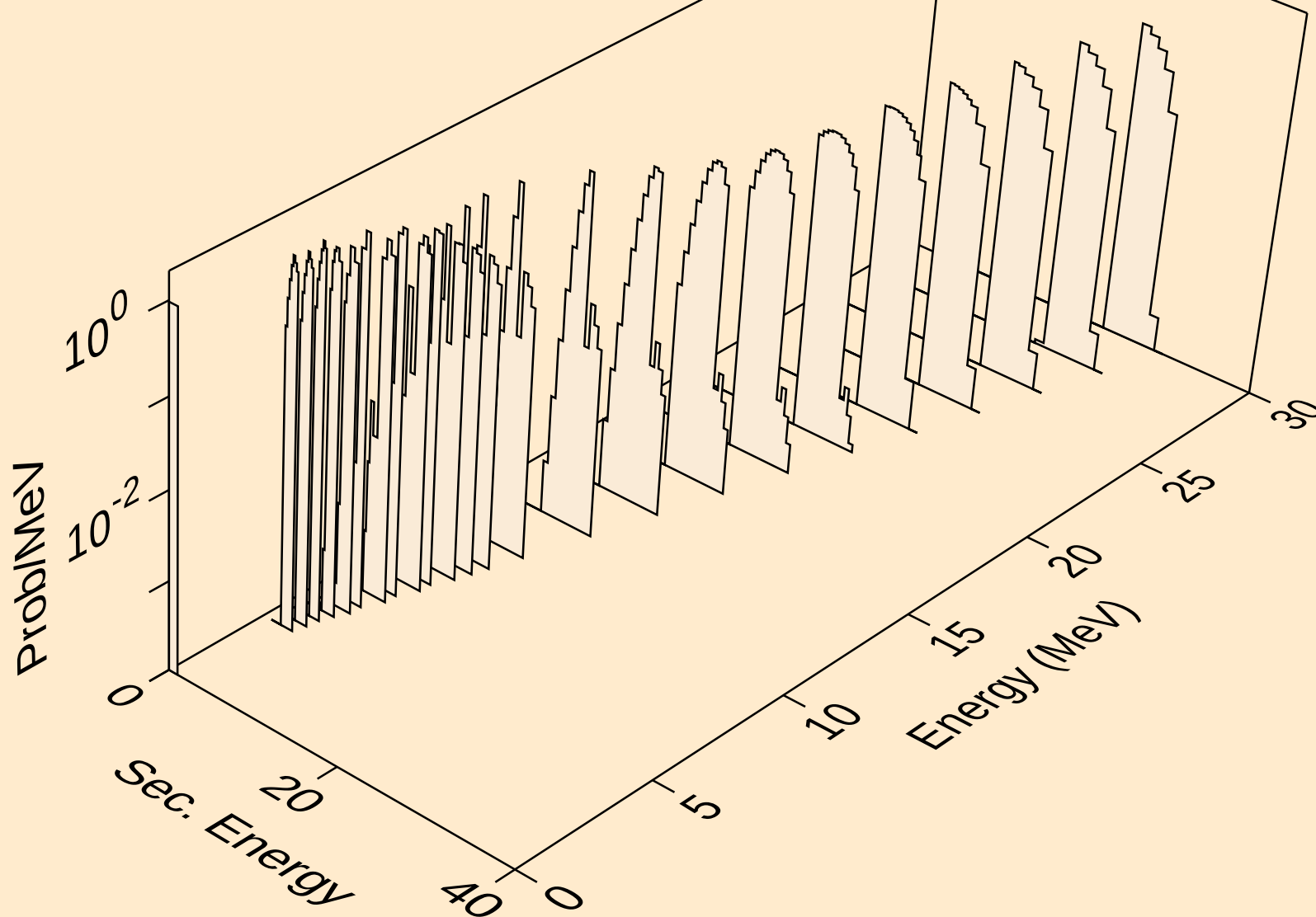
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



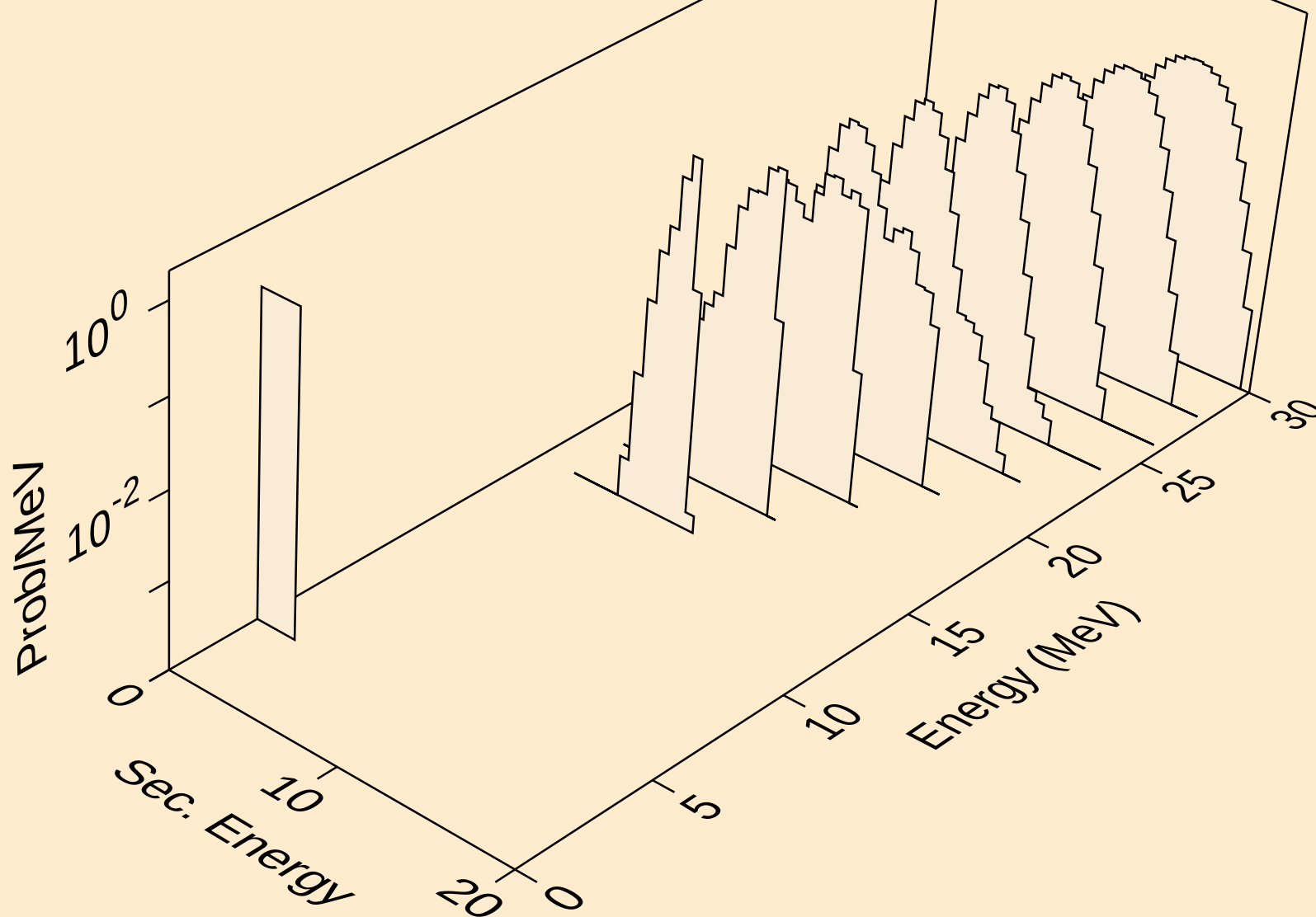
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



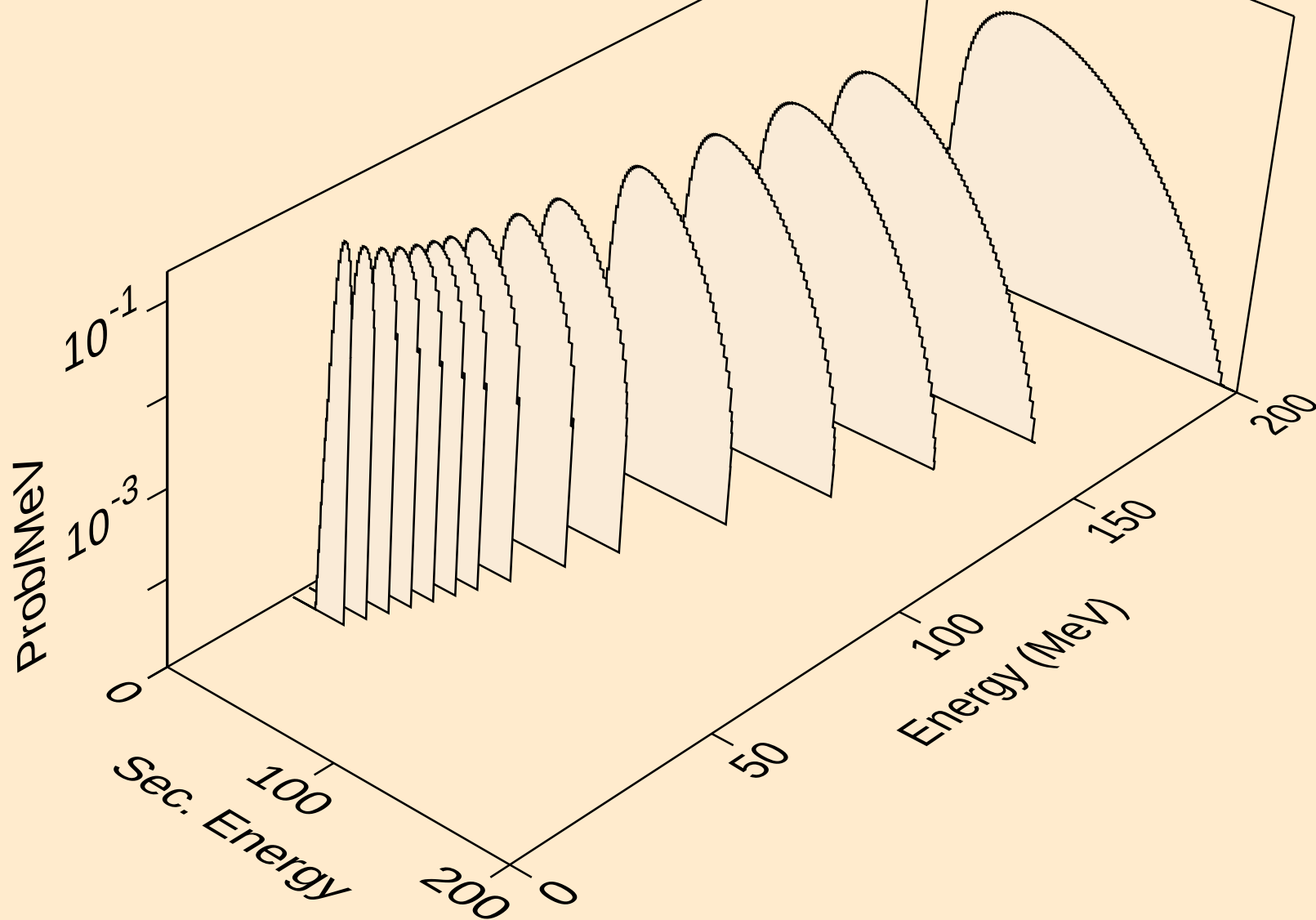
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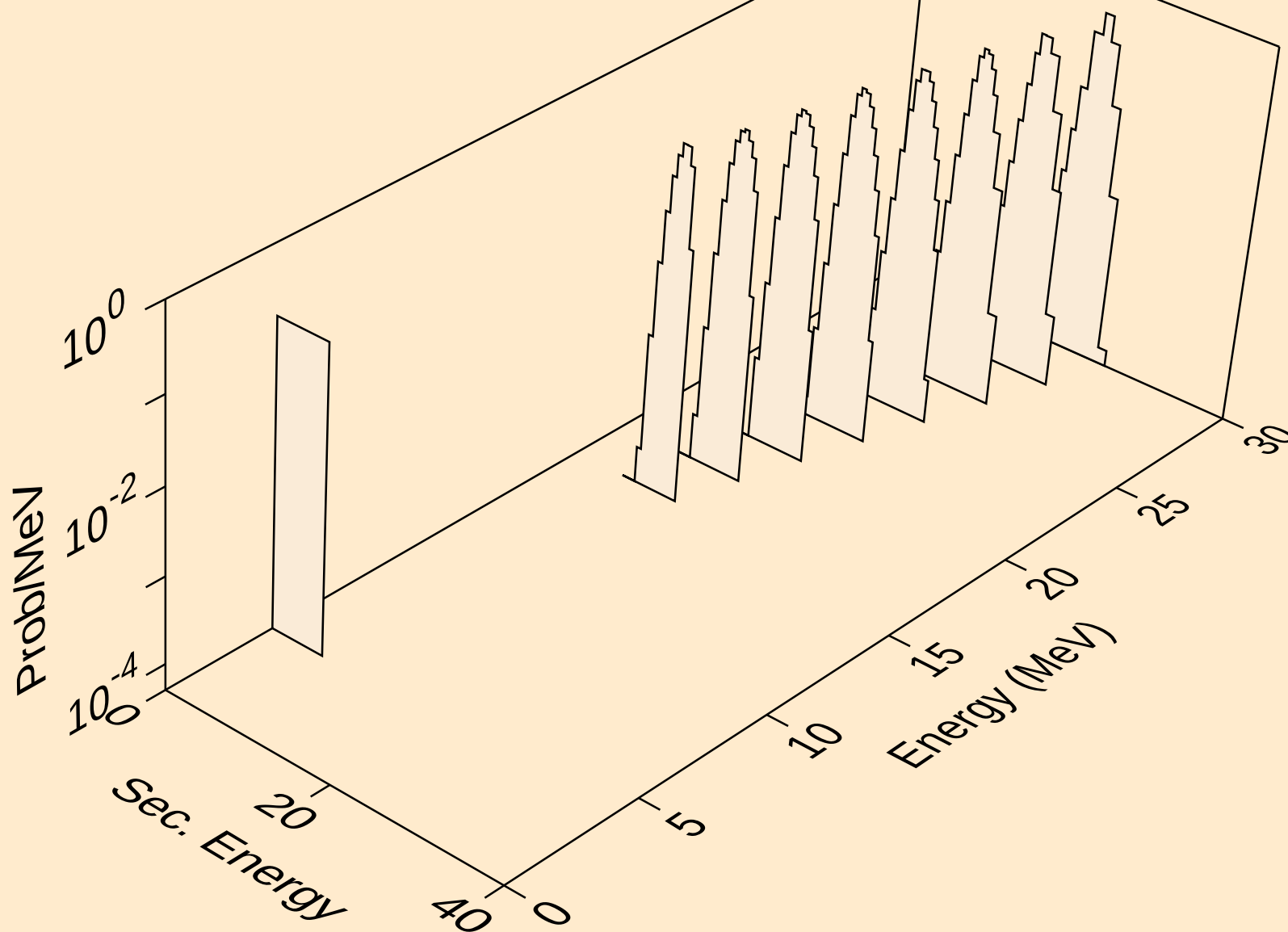
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



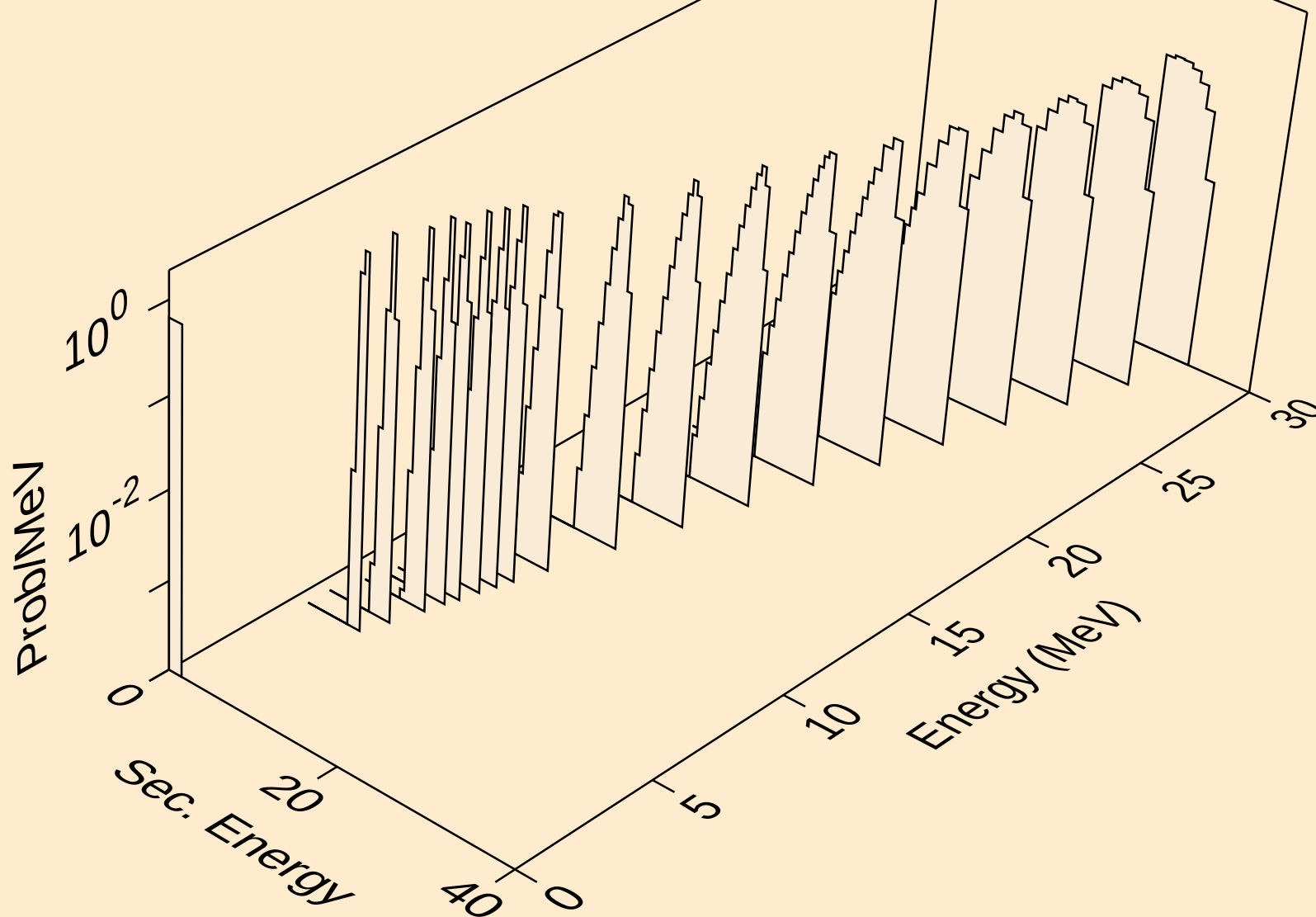
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

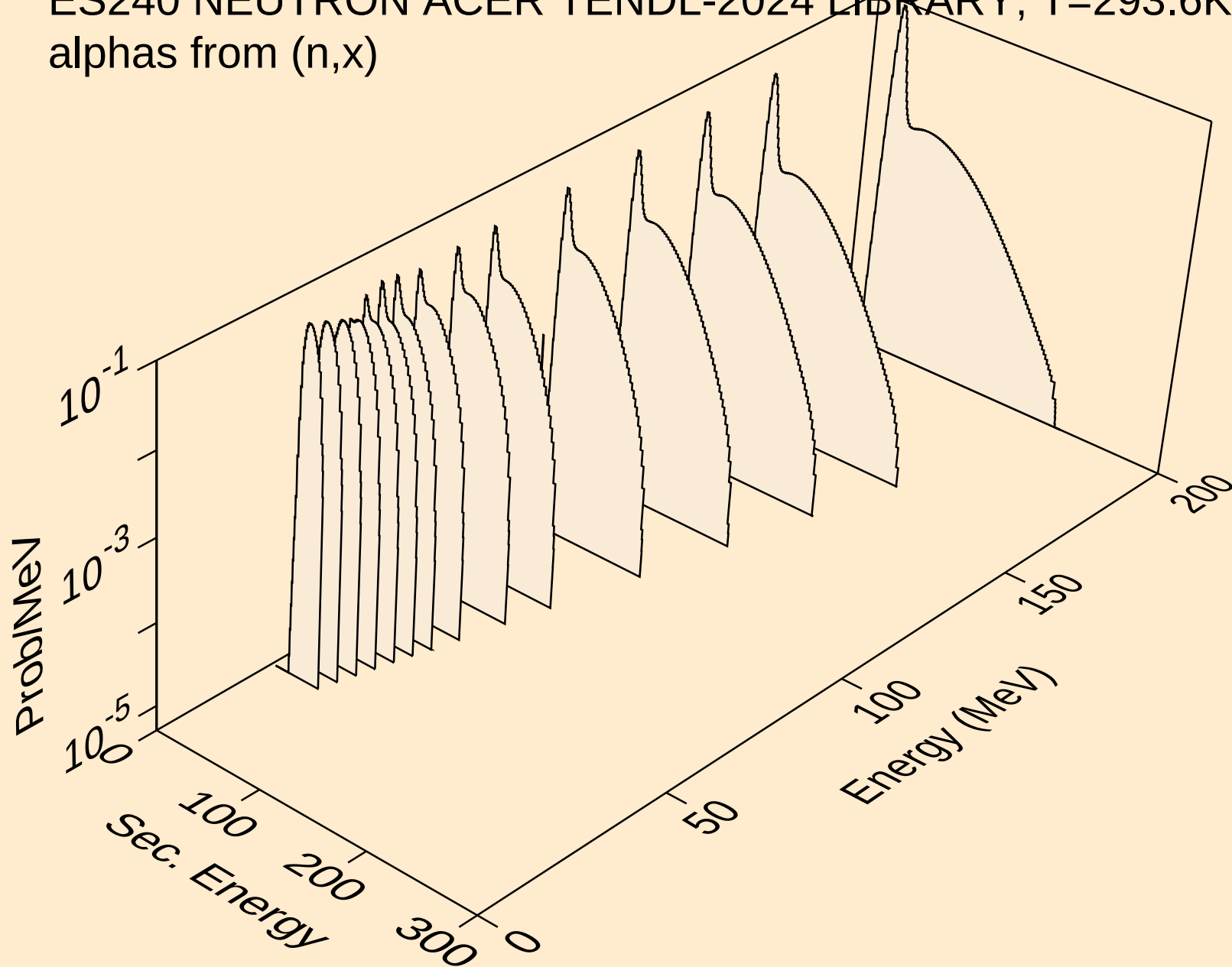


ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)

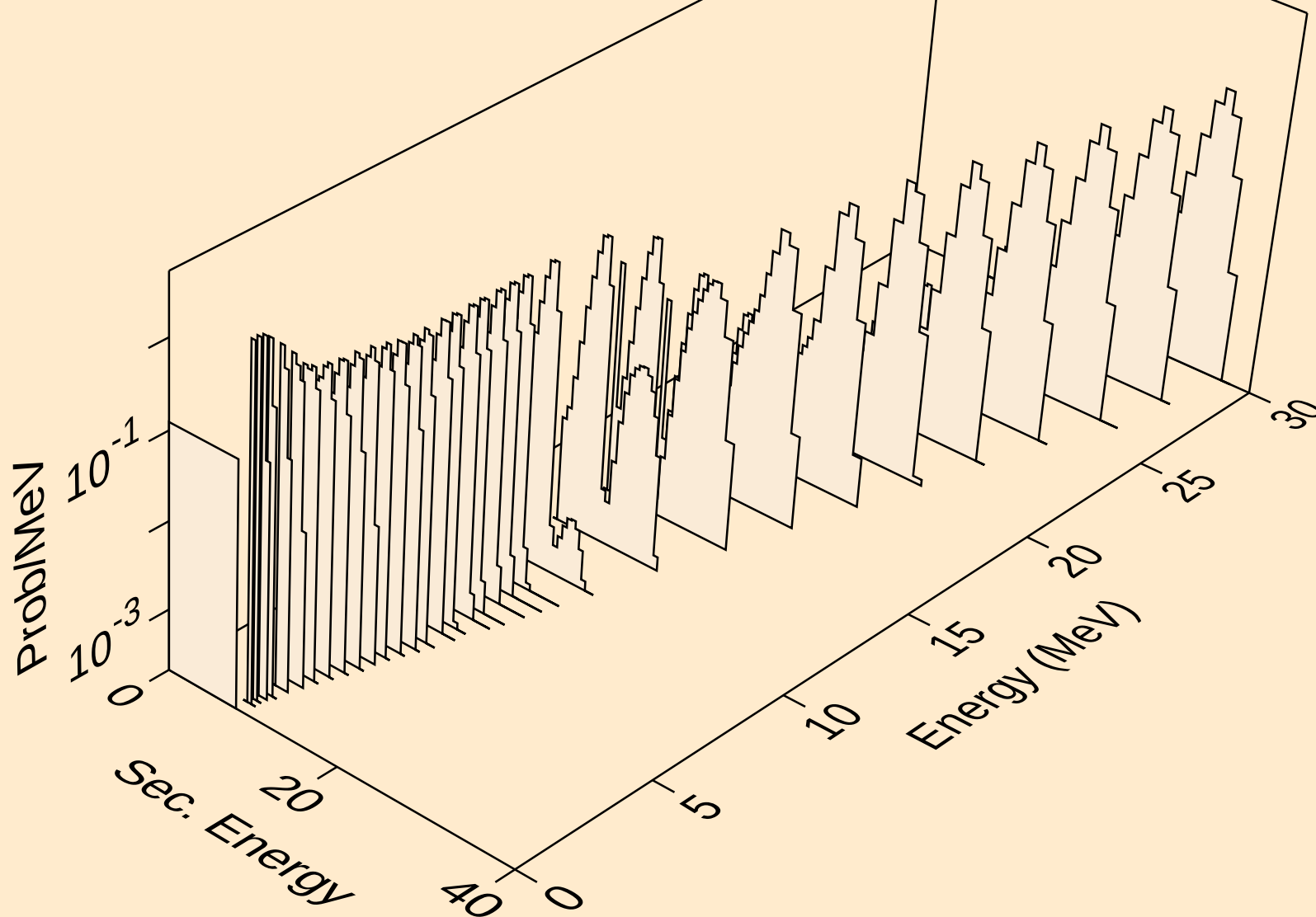




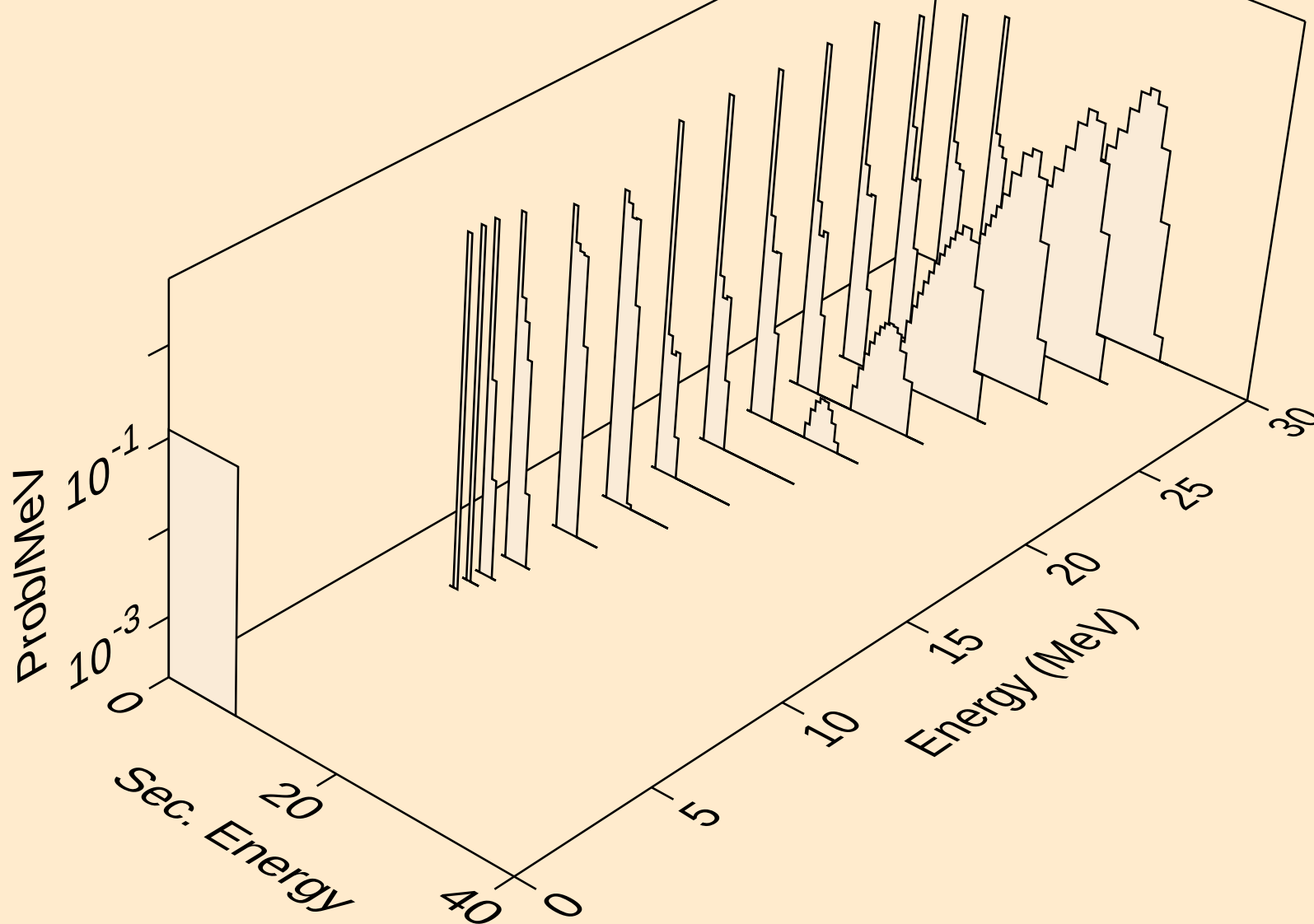
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



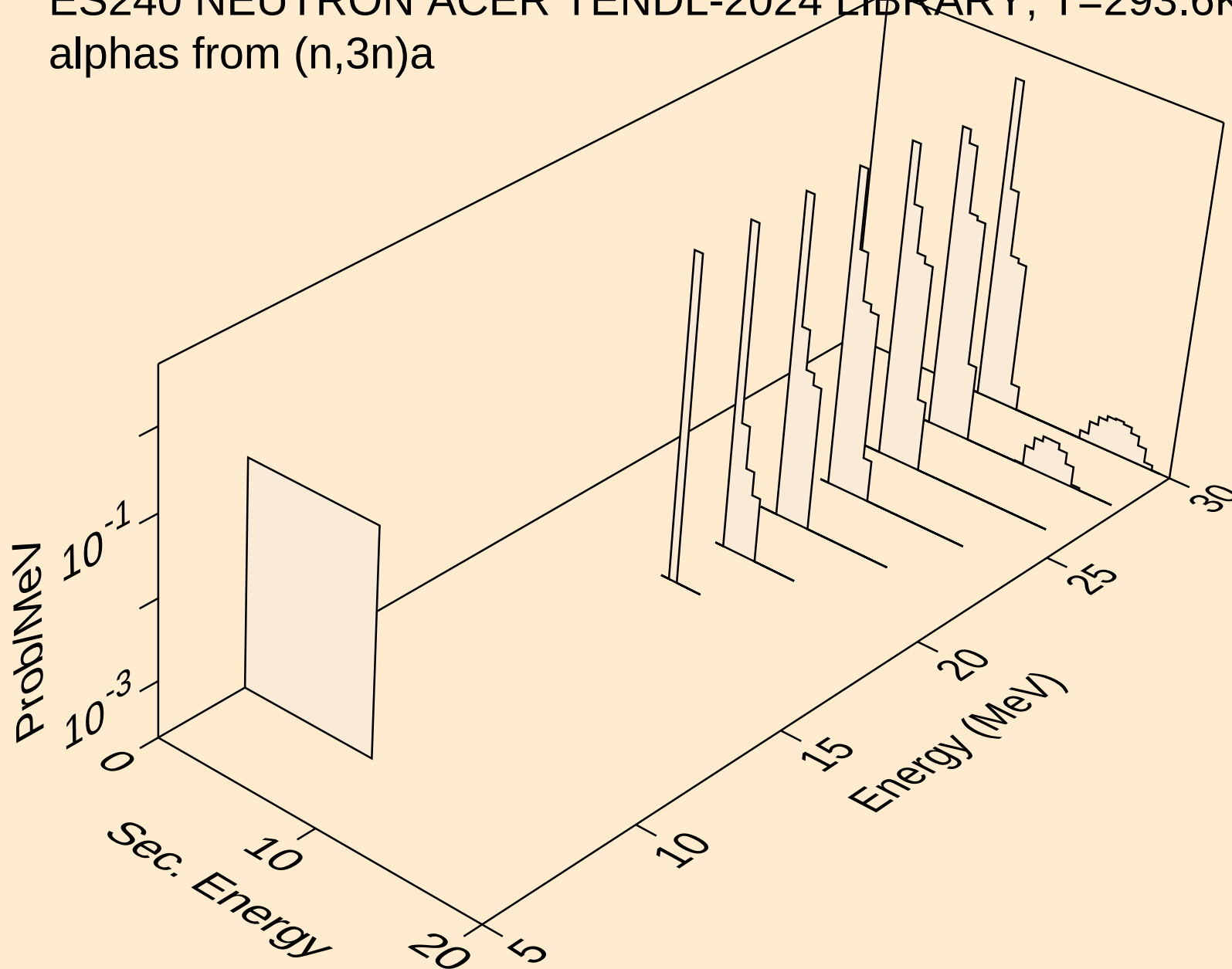
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



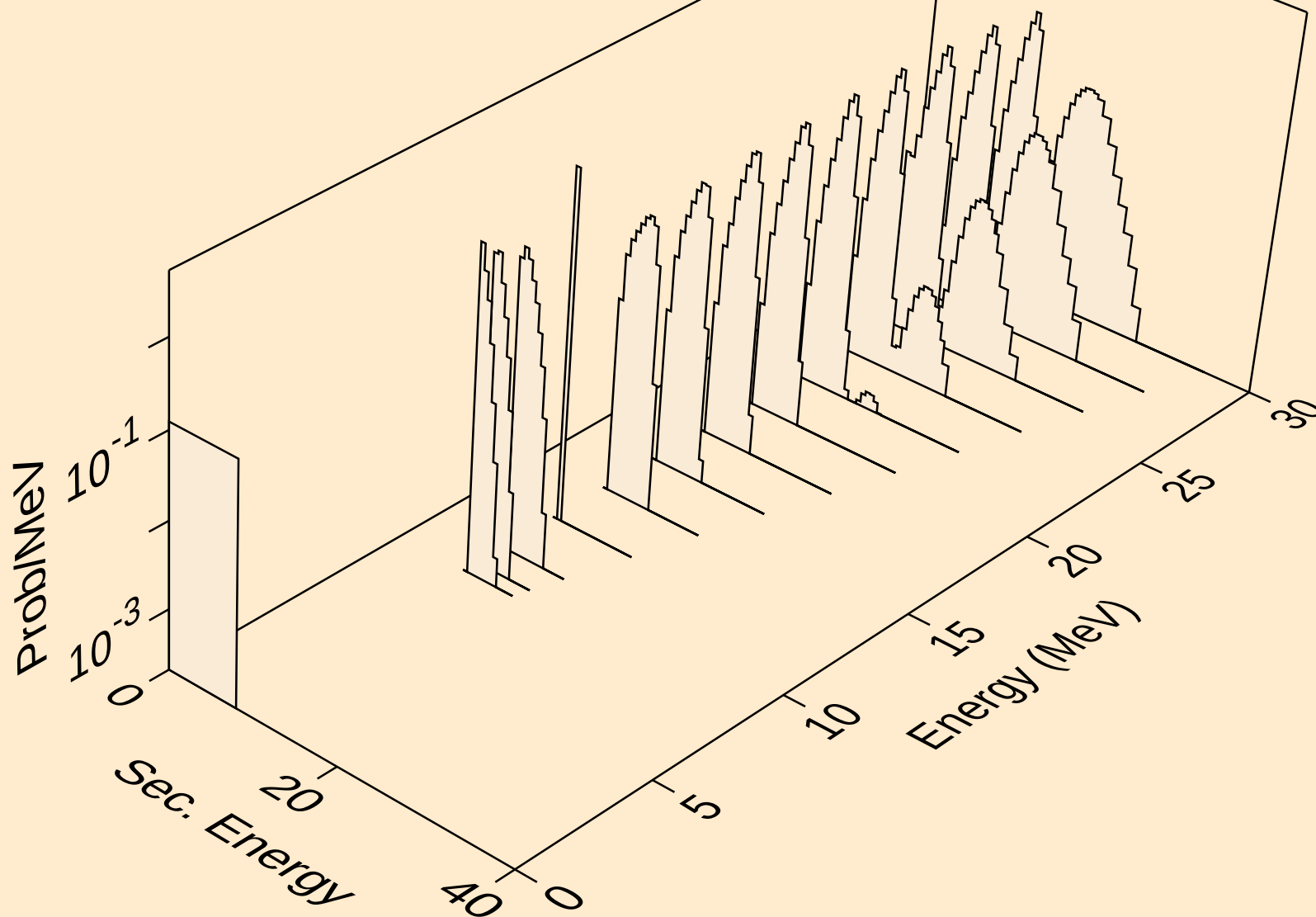
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n) $\alpha$



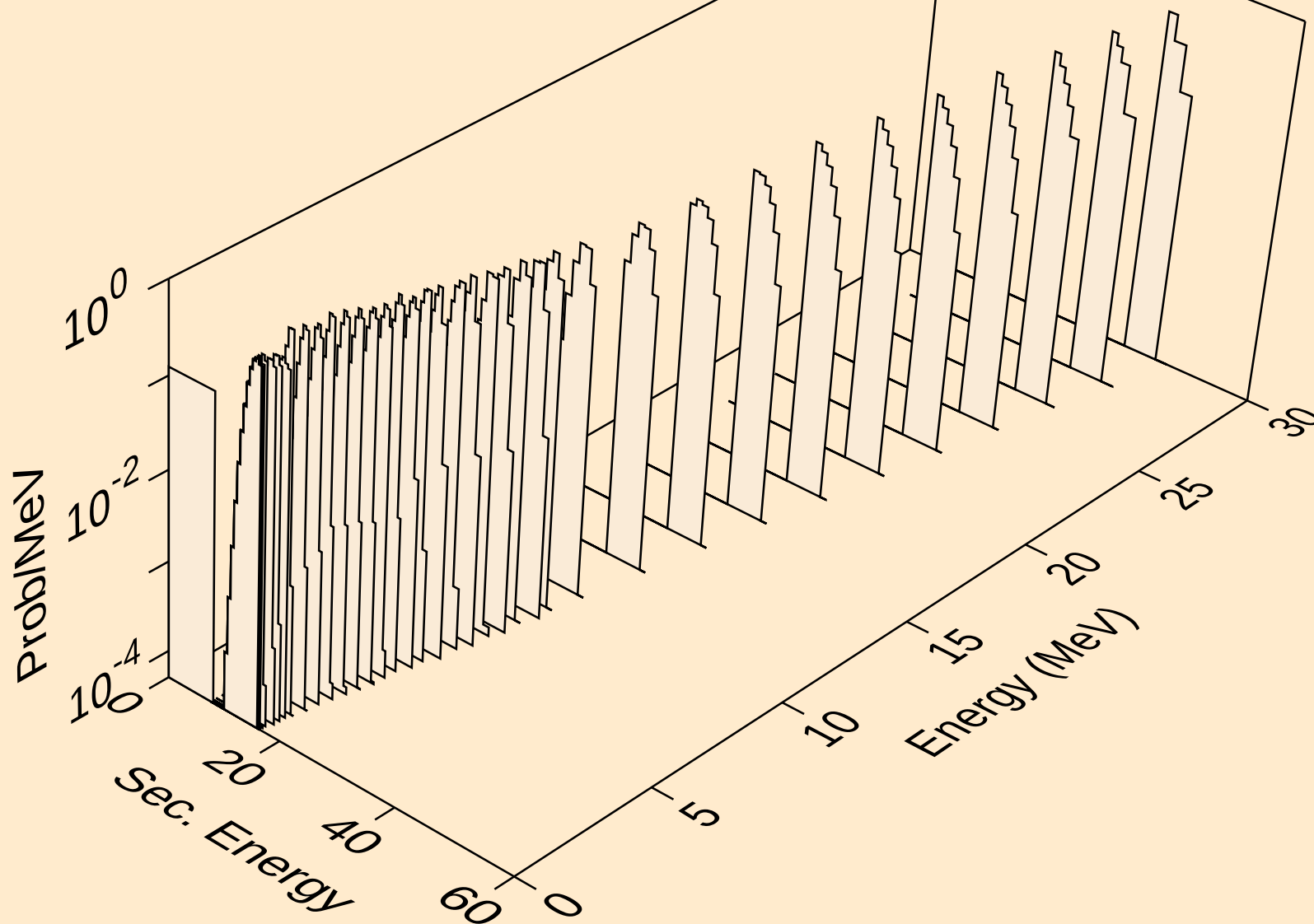
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



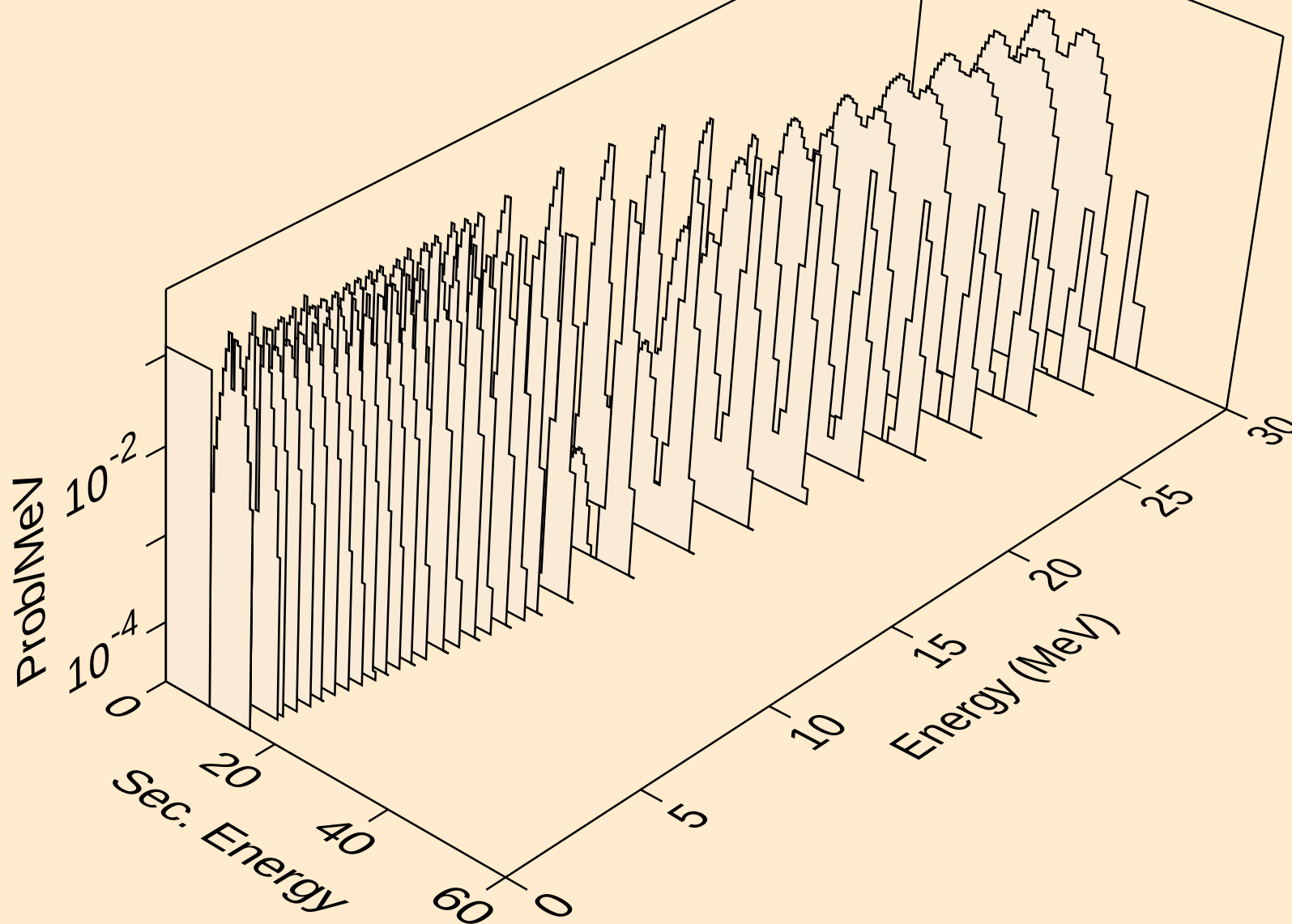
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



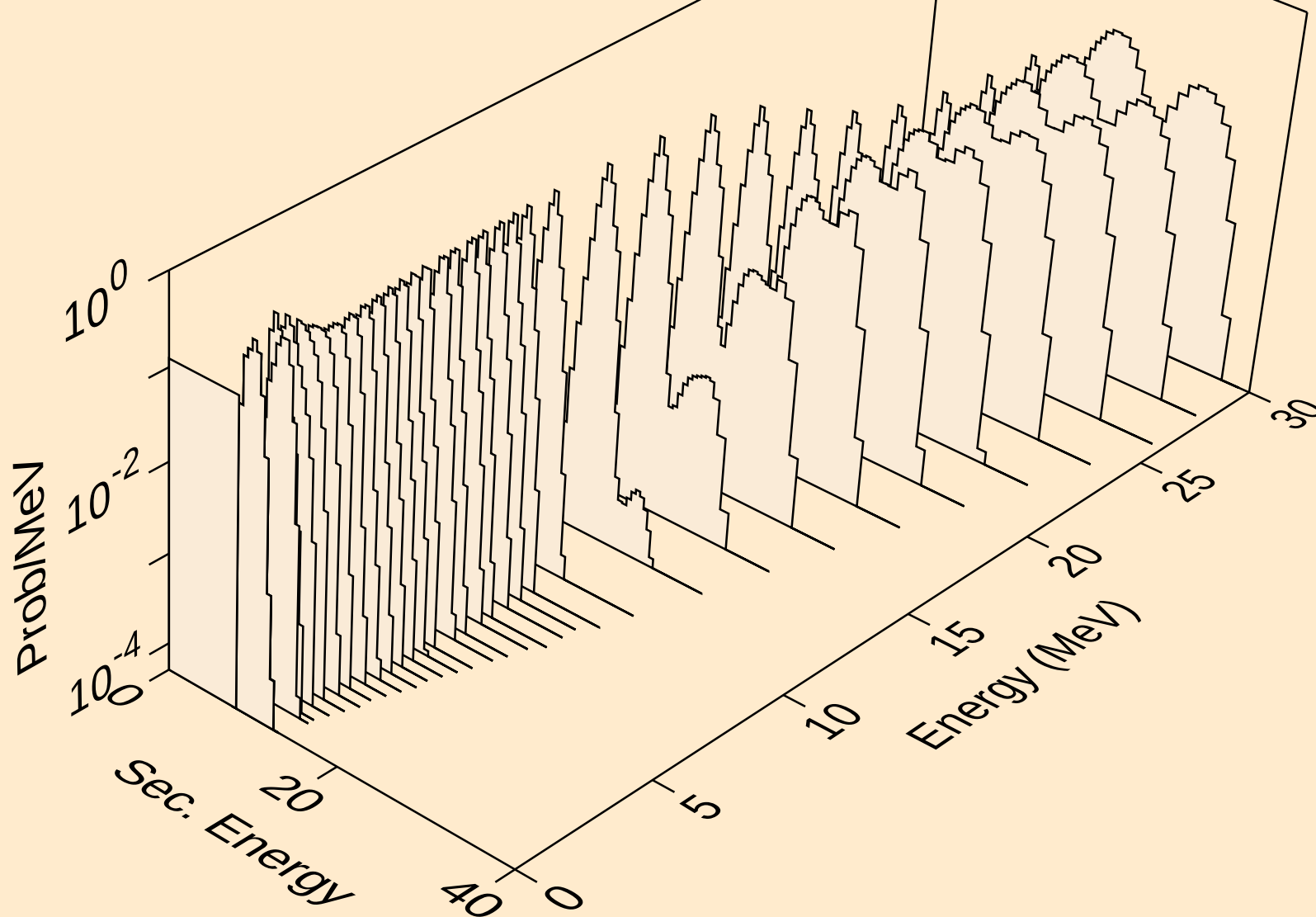
ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)





ES240 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

