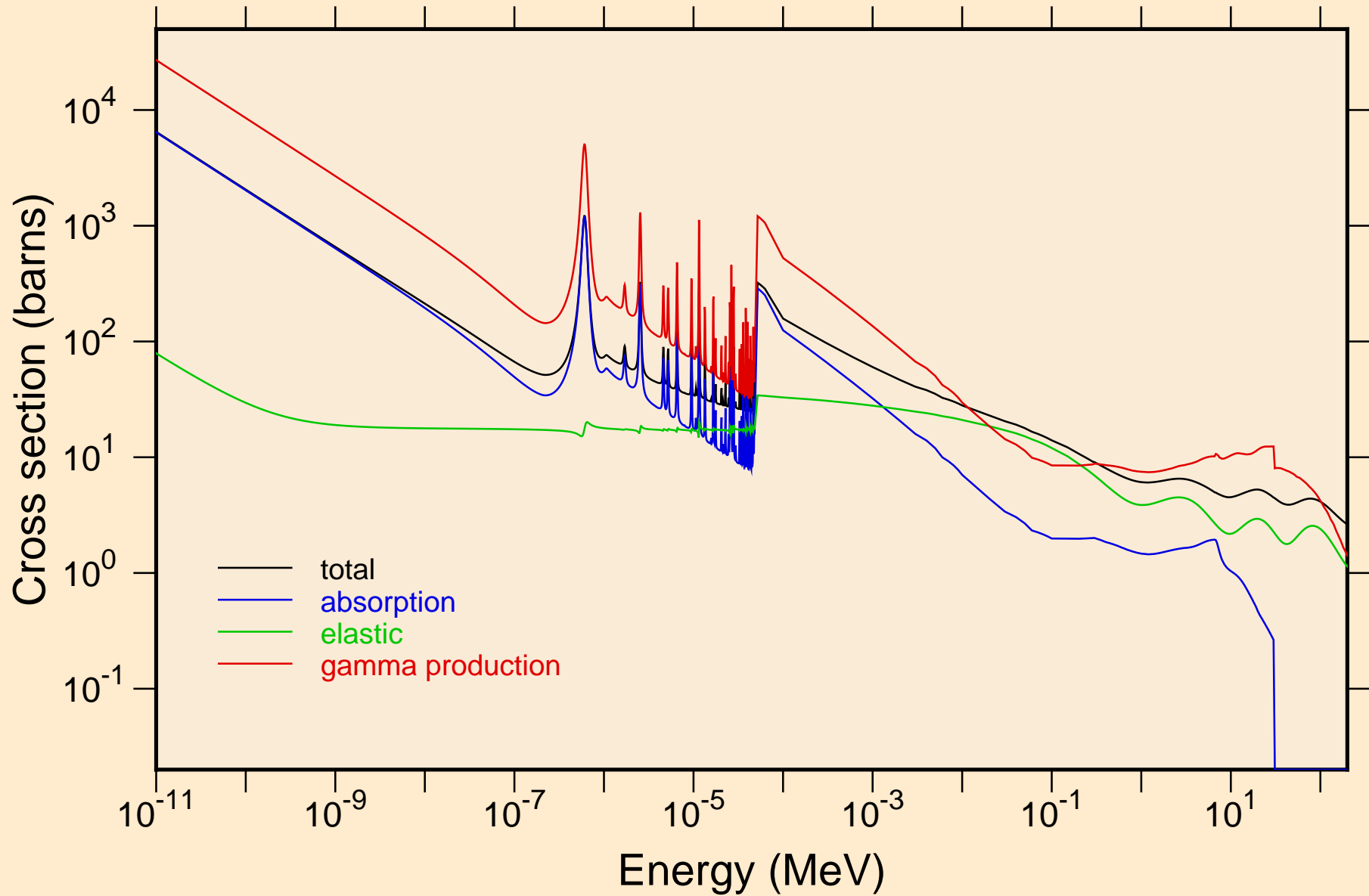
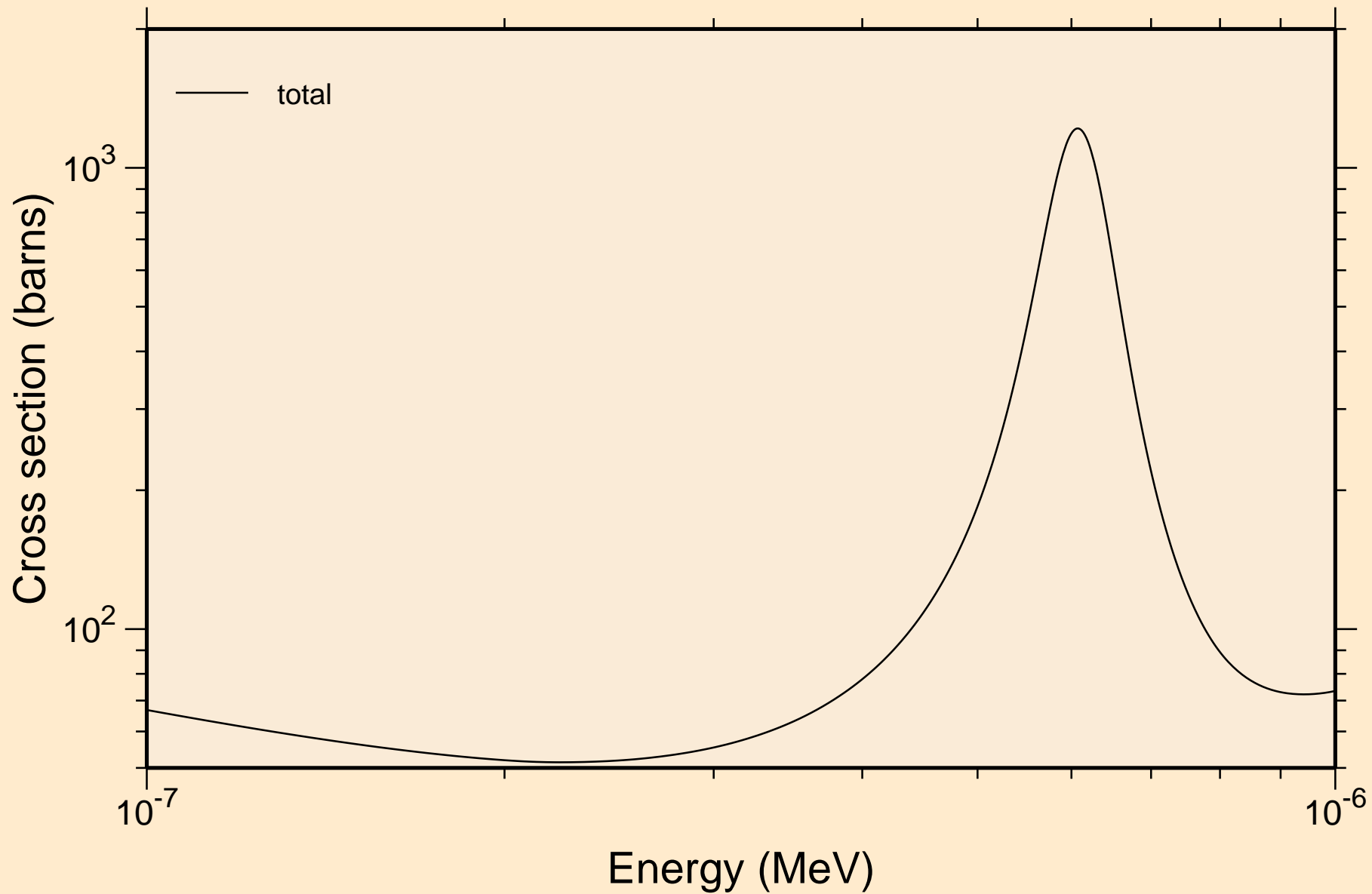


# OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

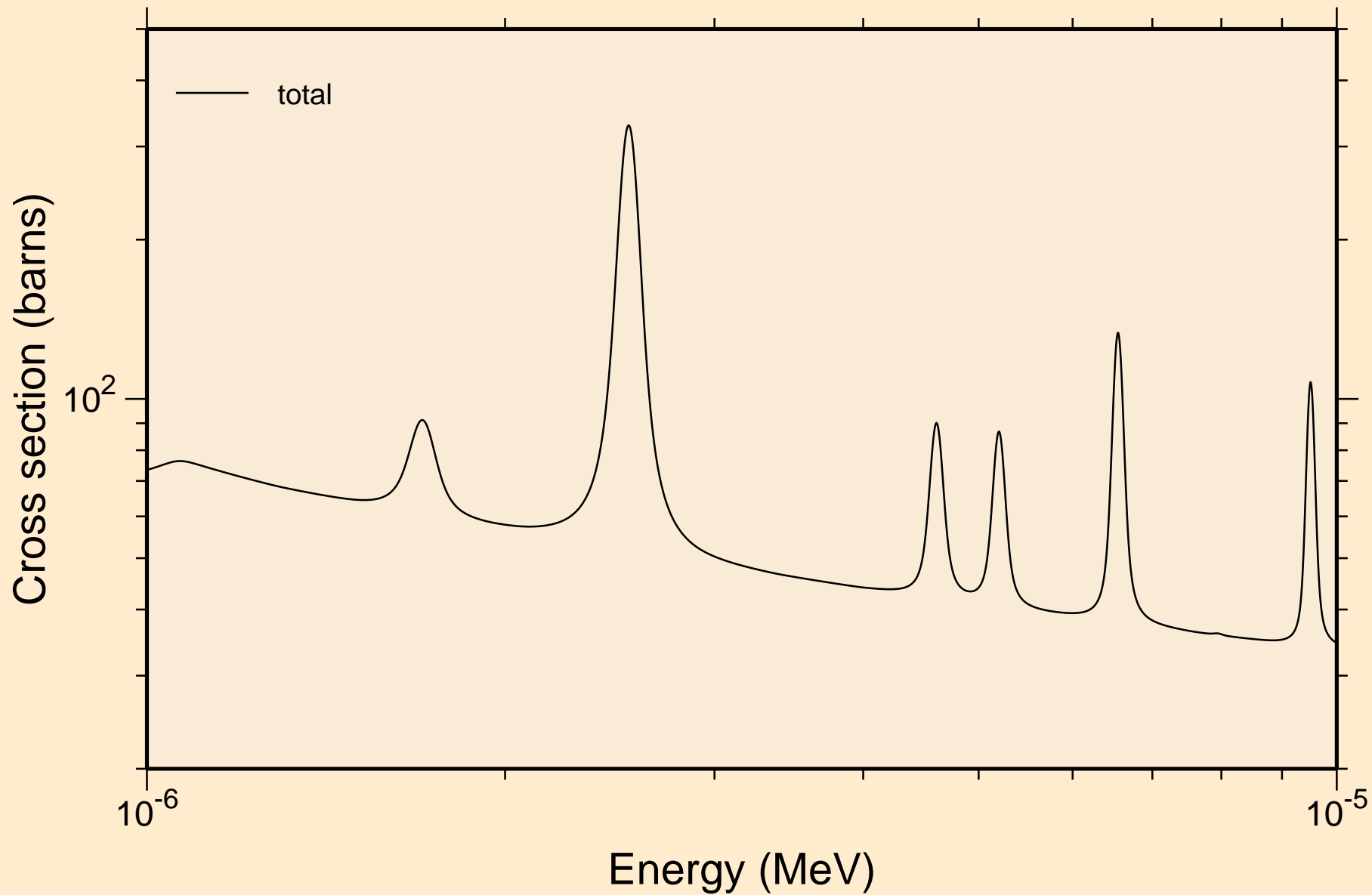
## Principal cross sections



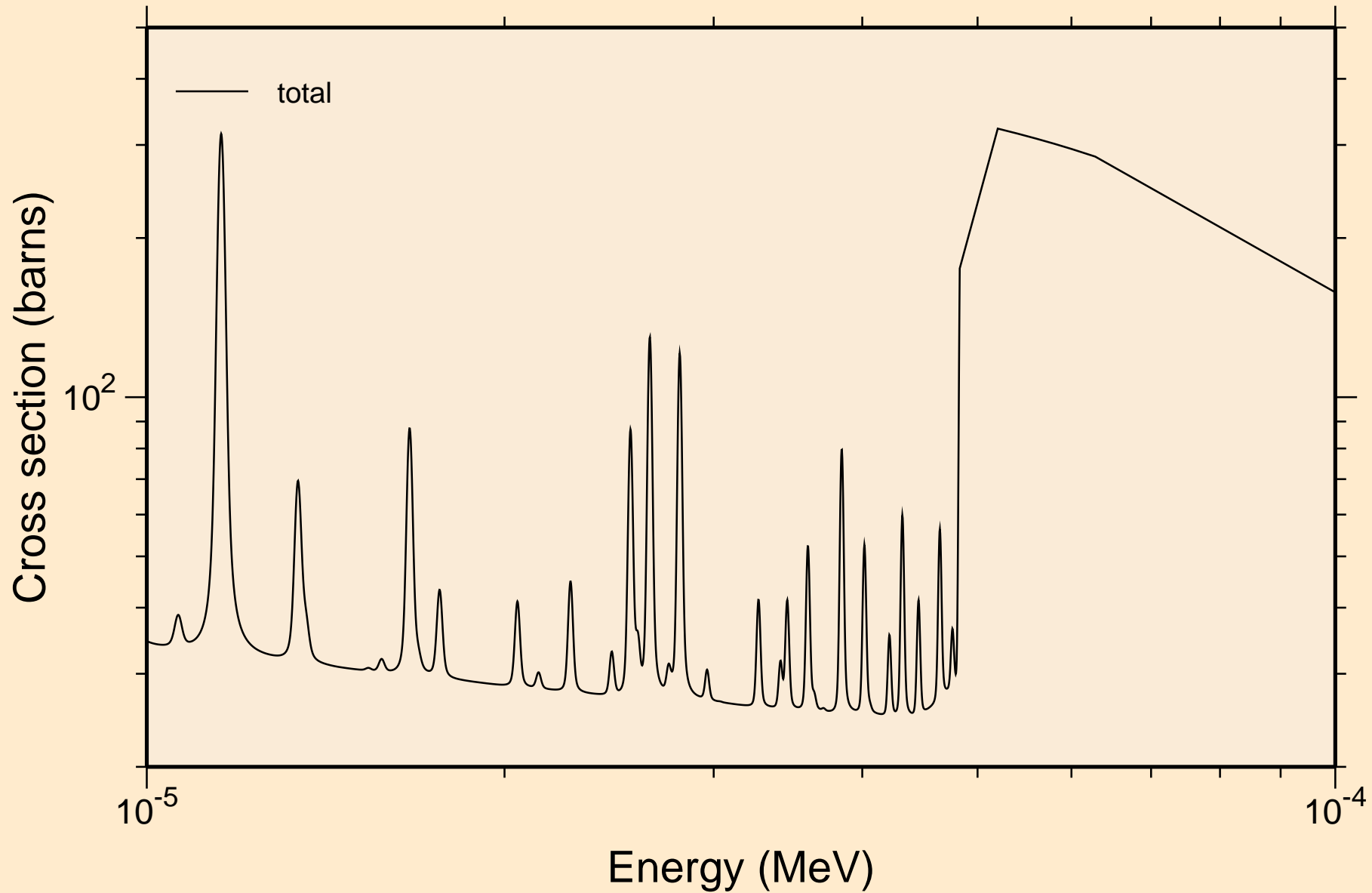
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



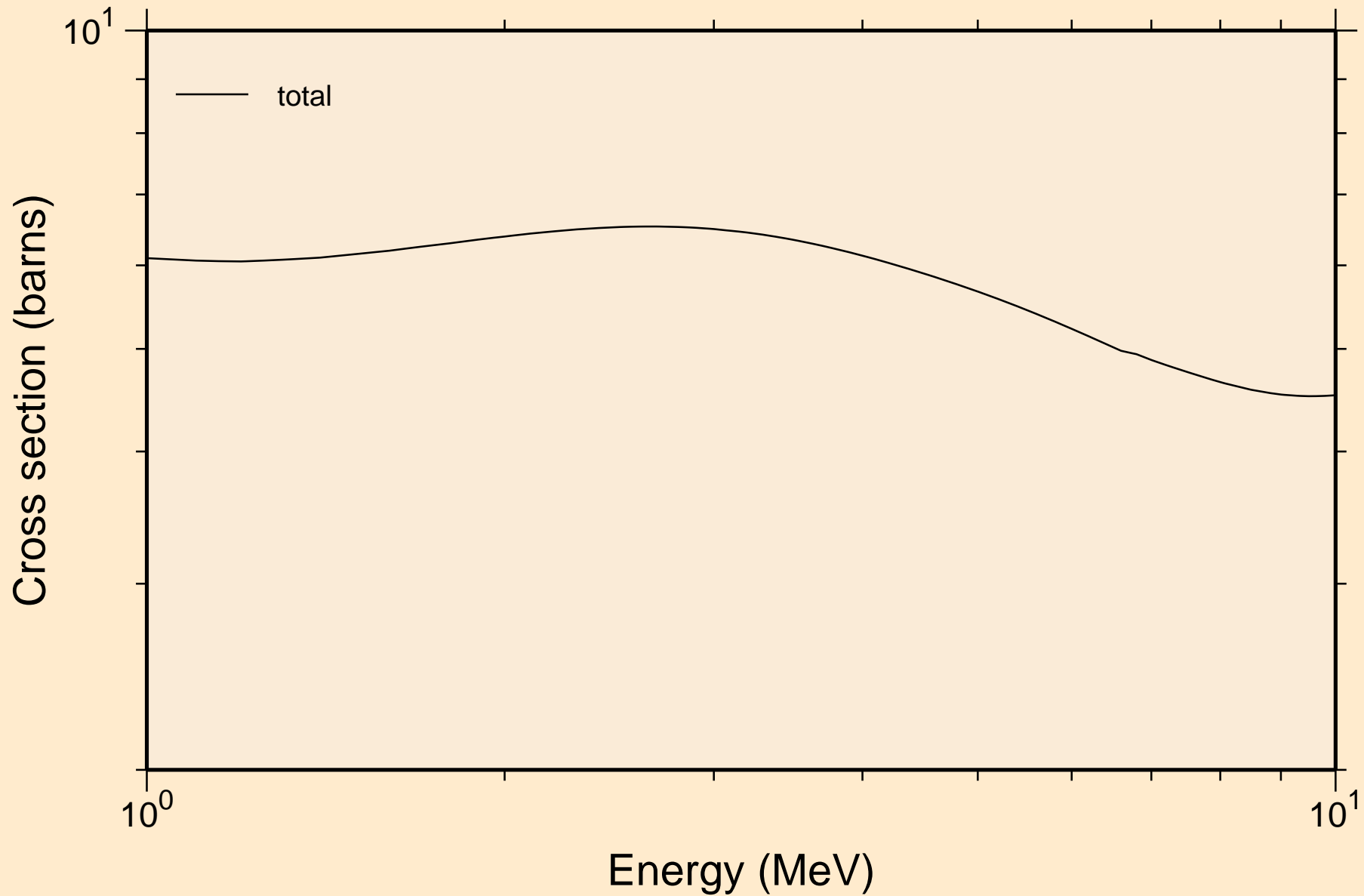
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



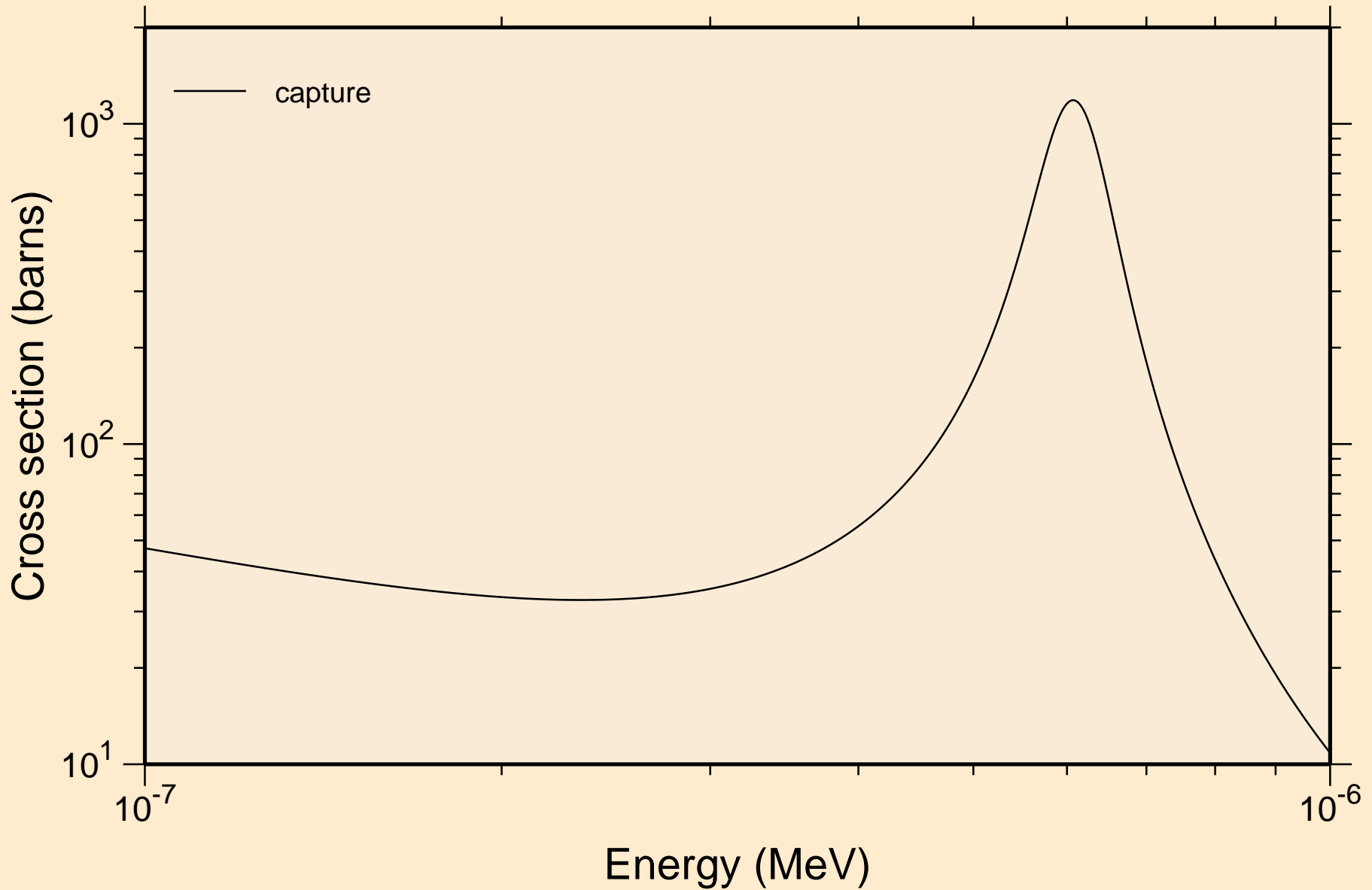
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



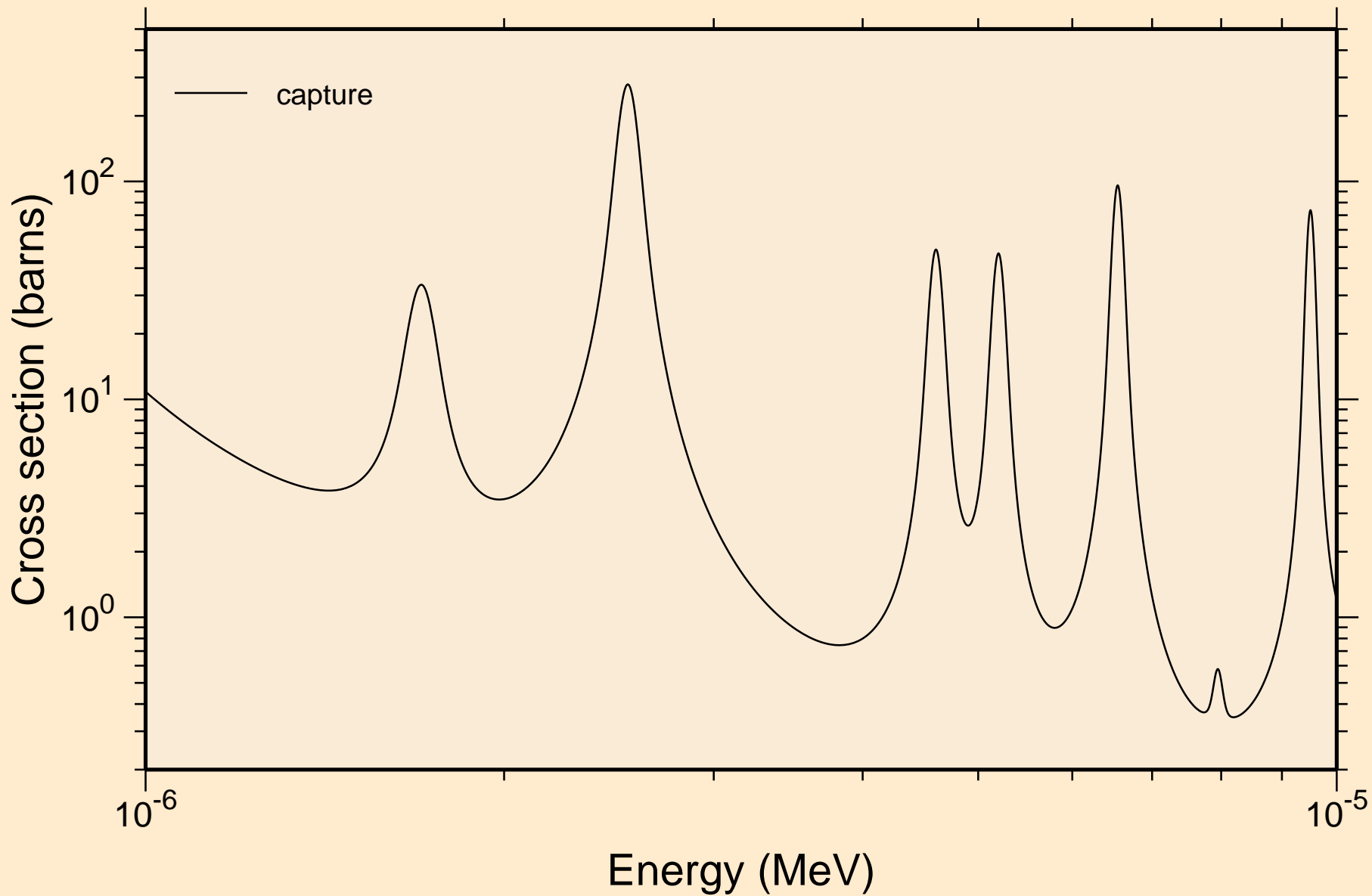
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



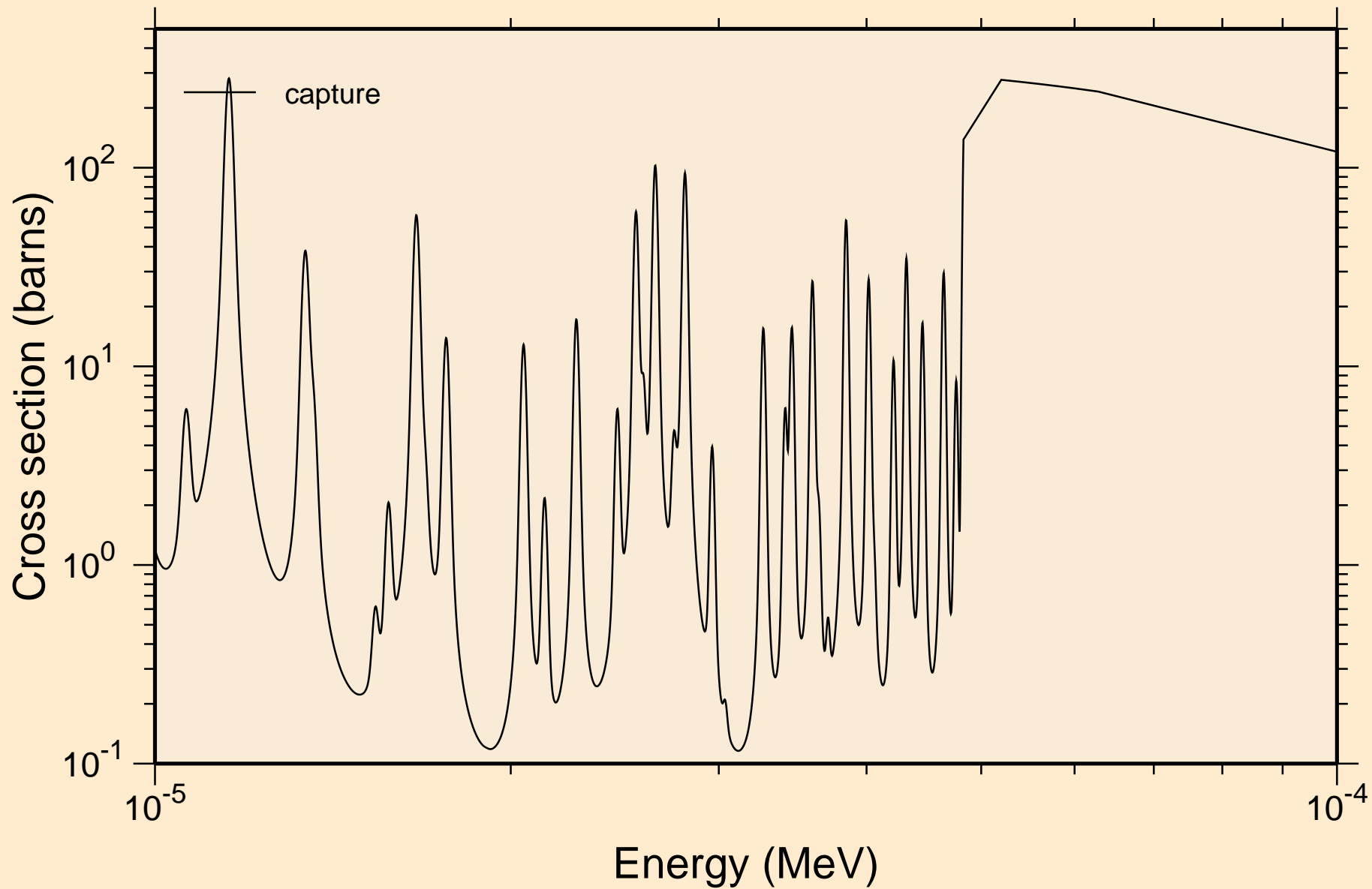
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

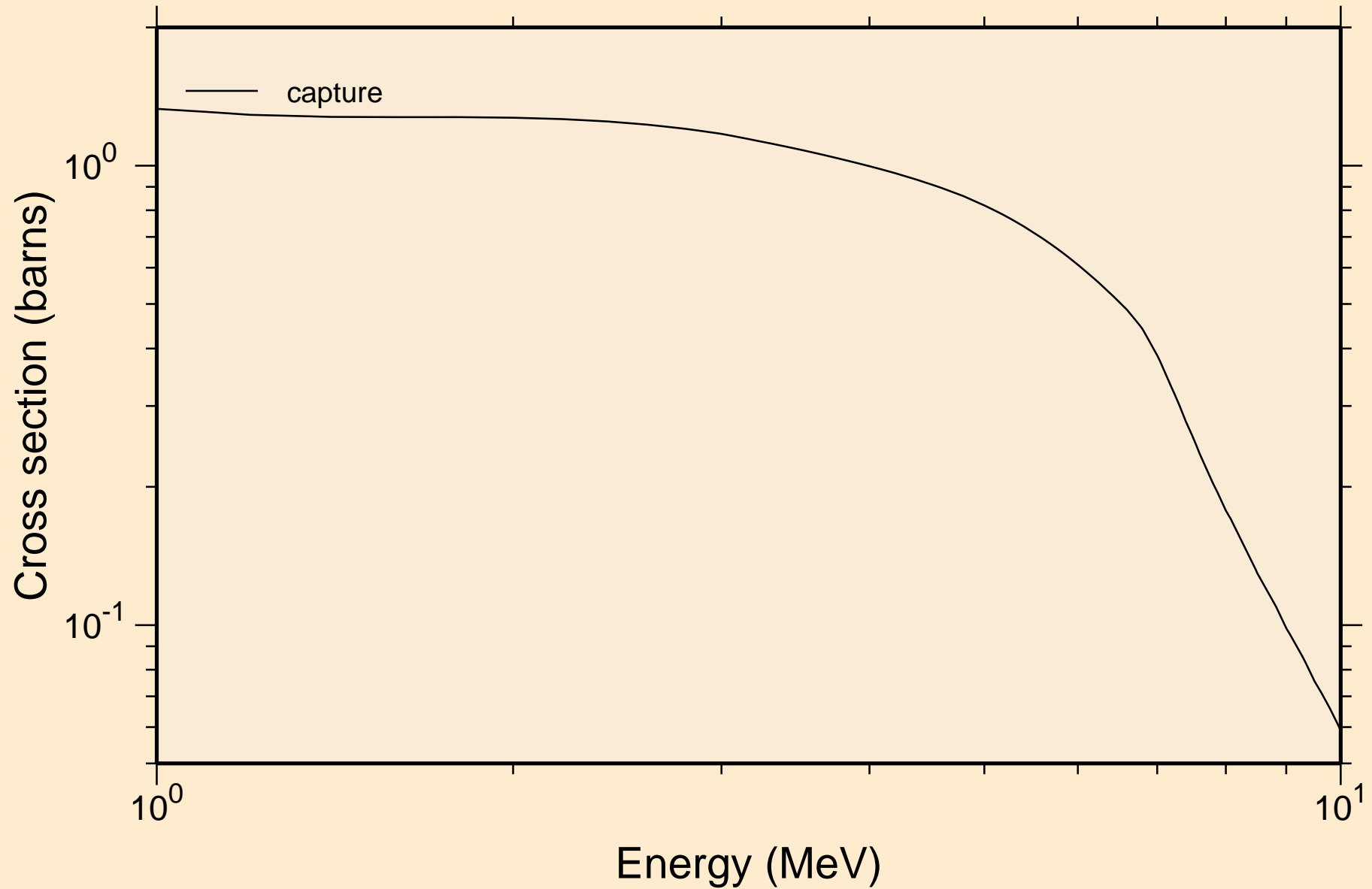


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

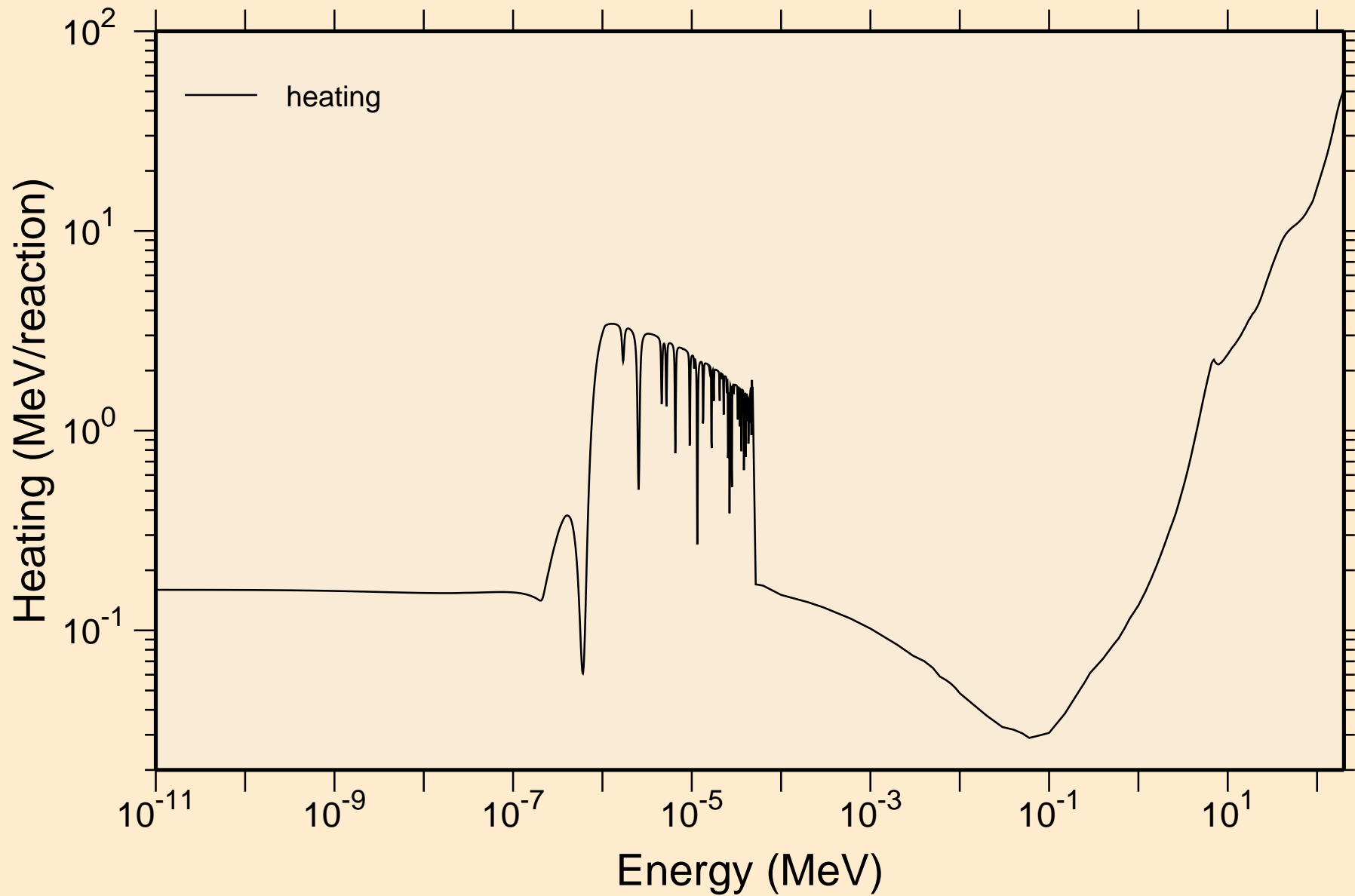




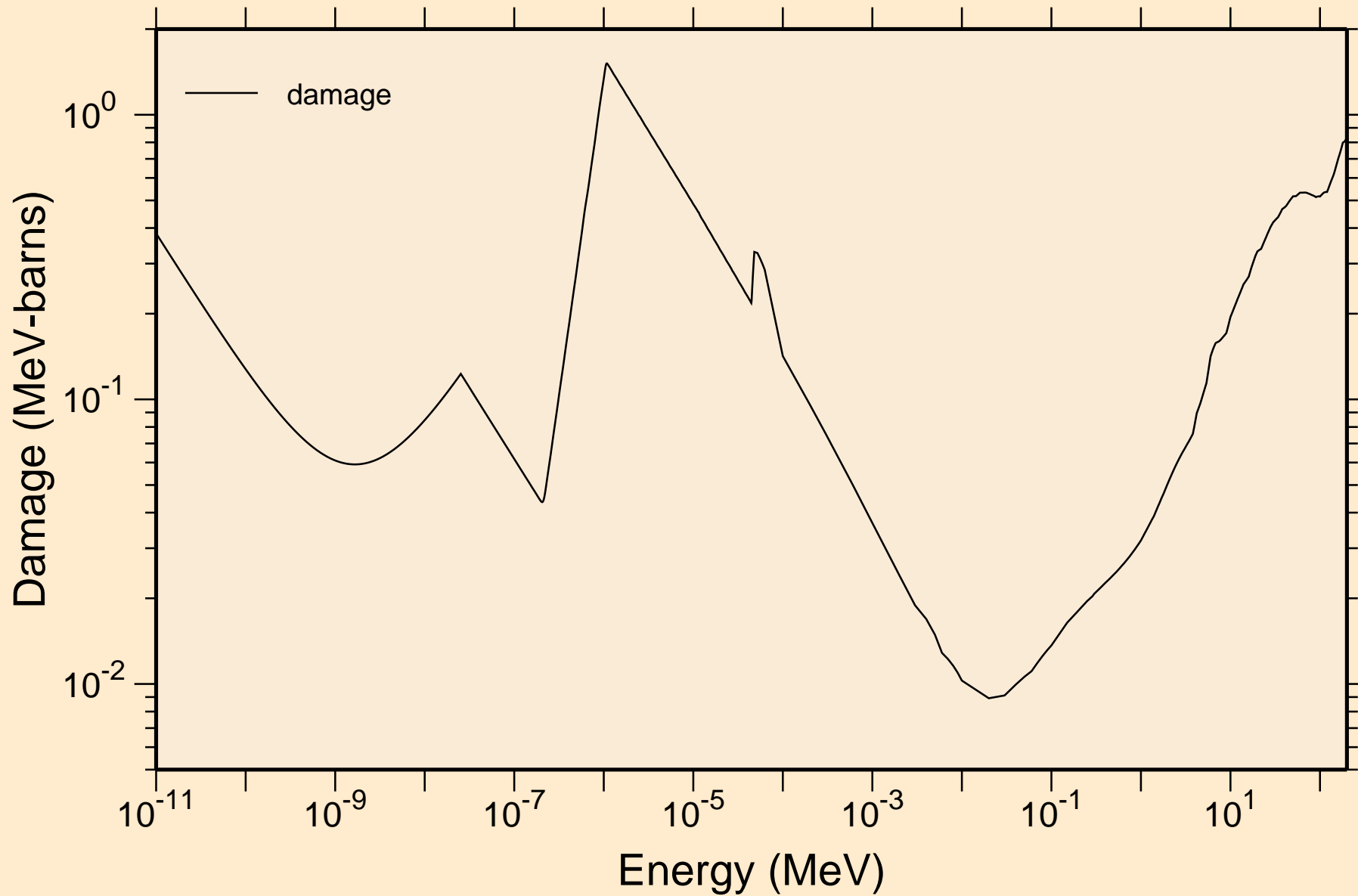
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

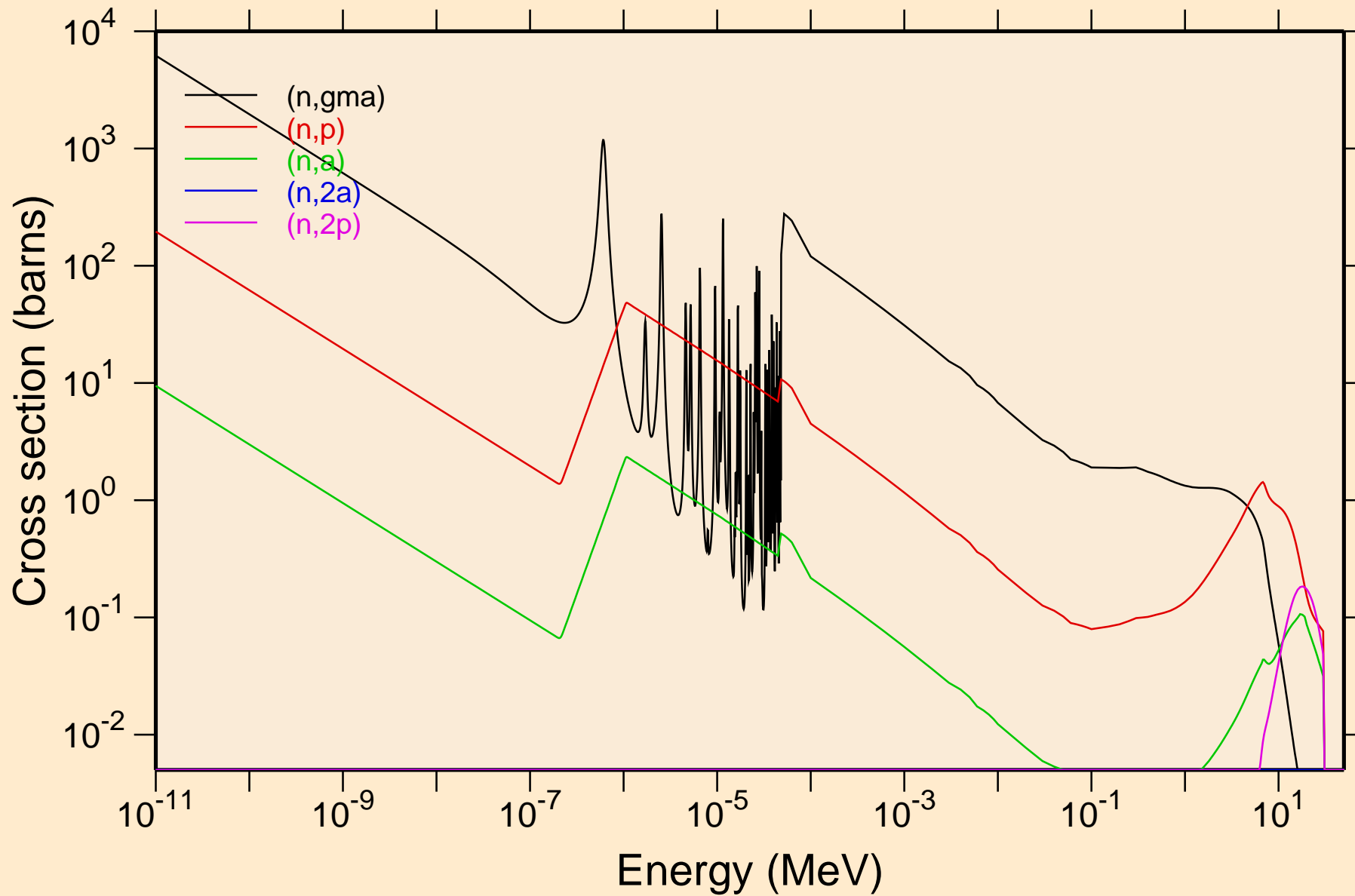


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

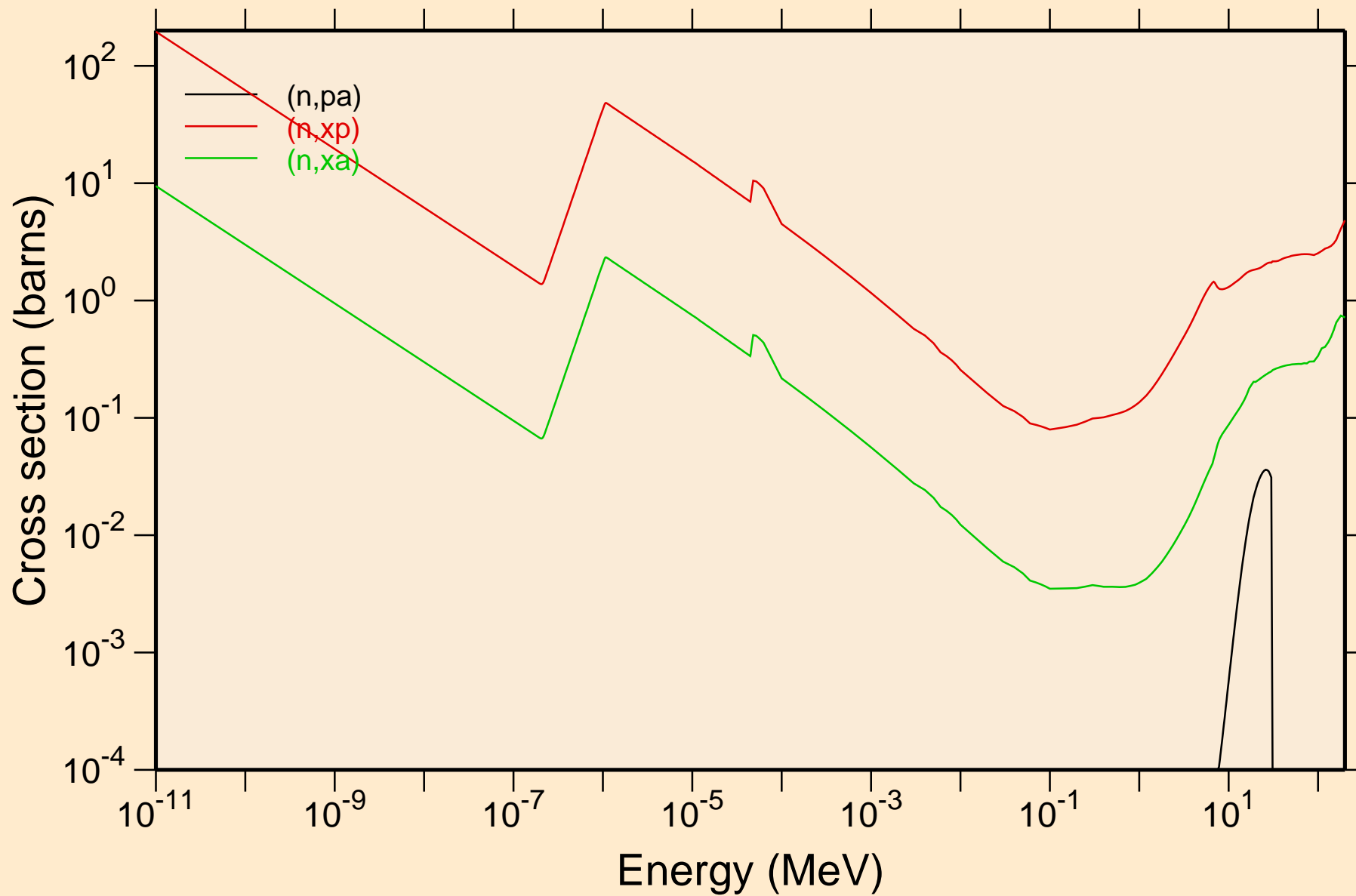


# OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

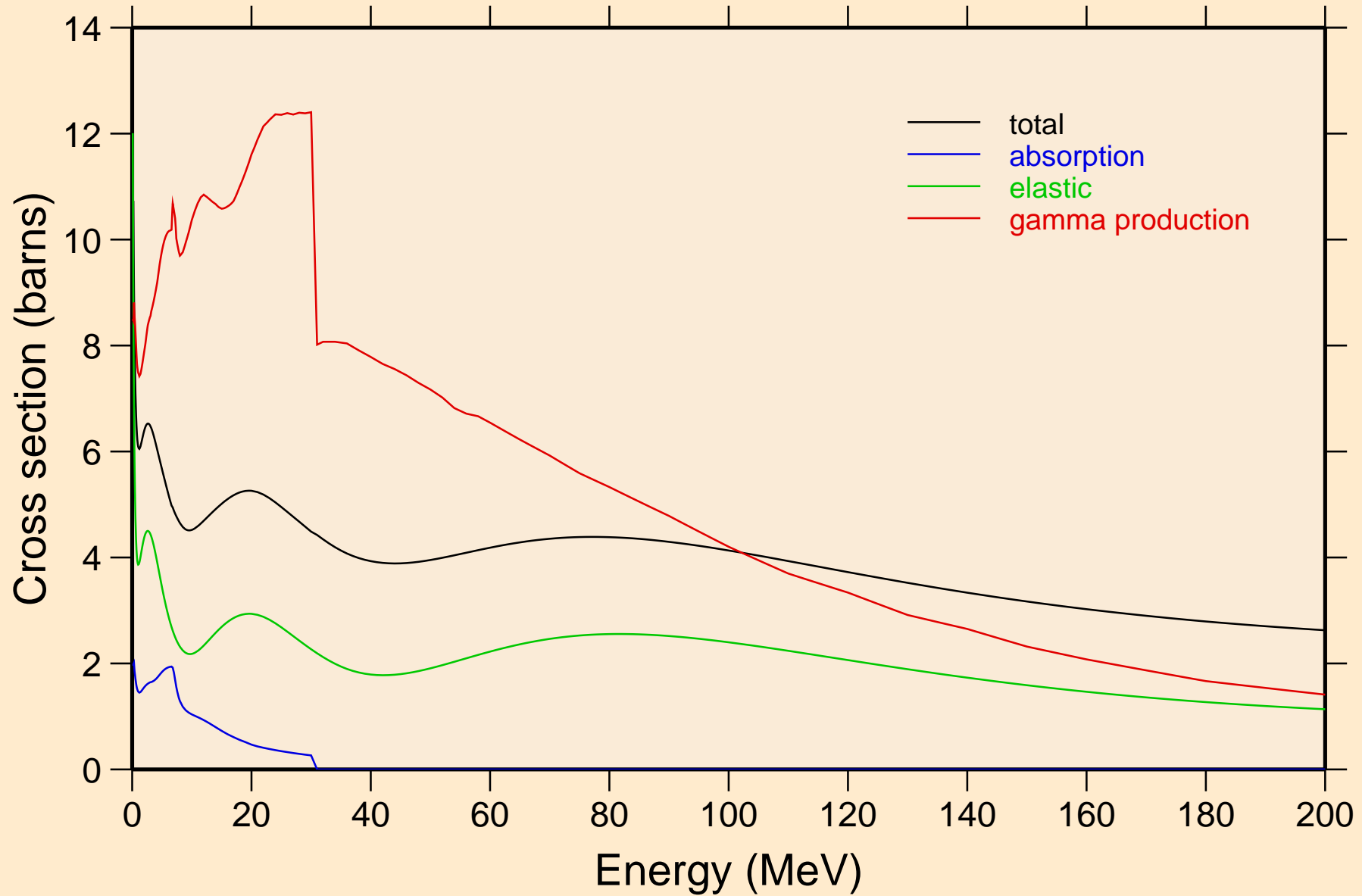


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

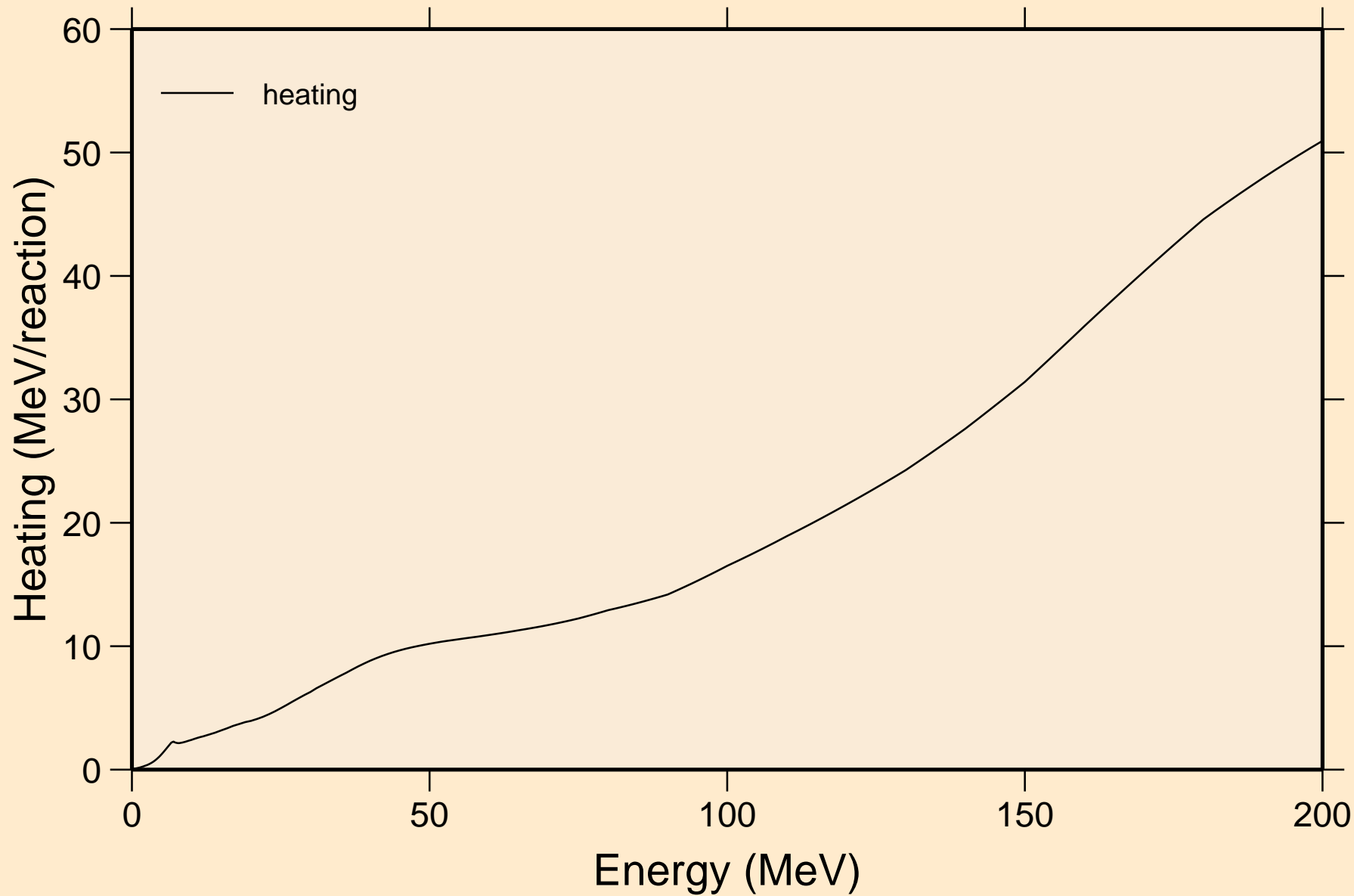


# OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

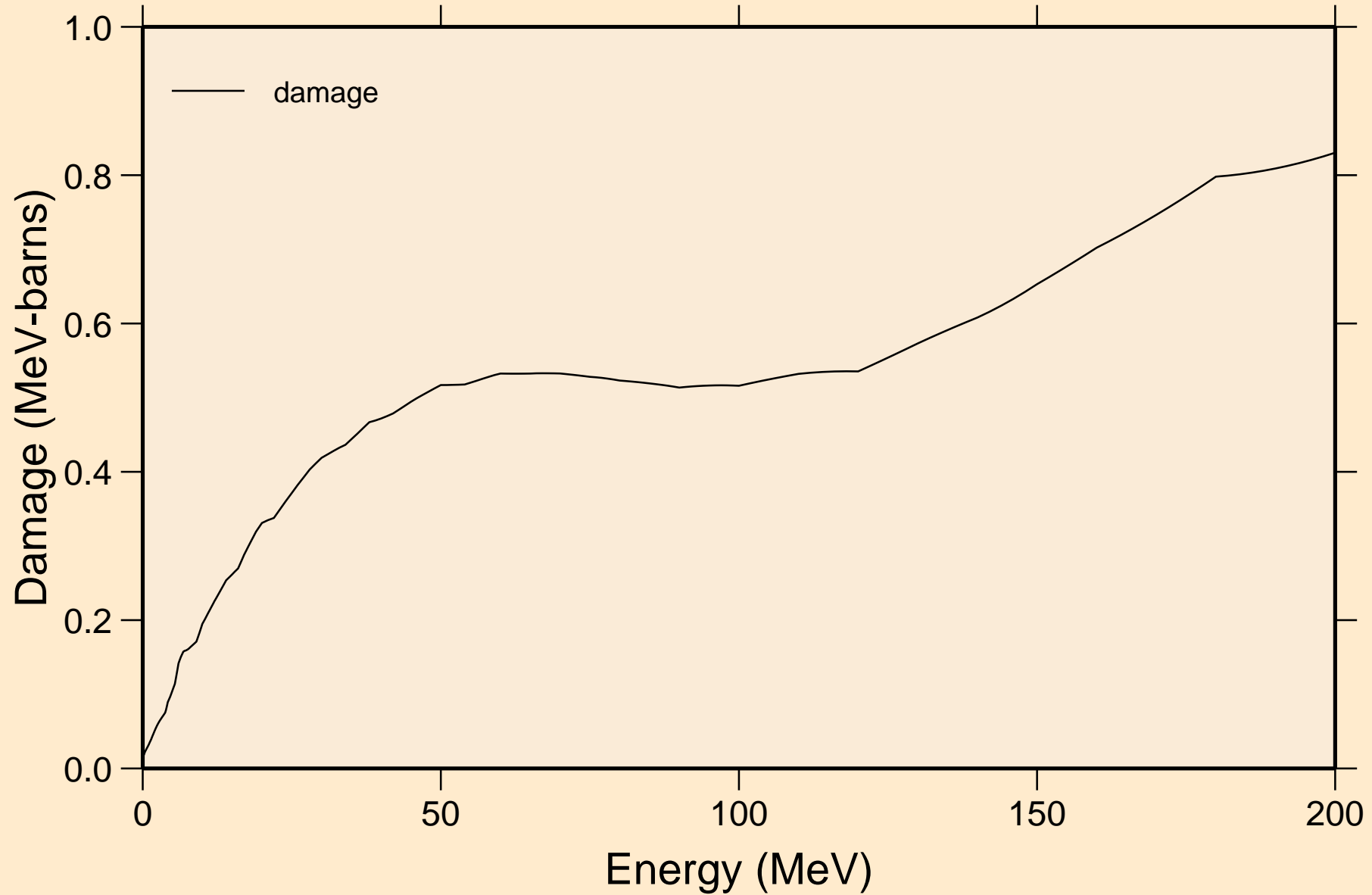
## Principal cross sections



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

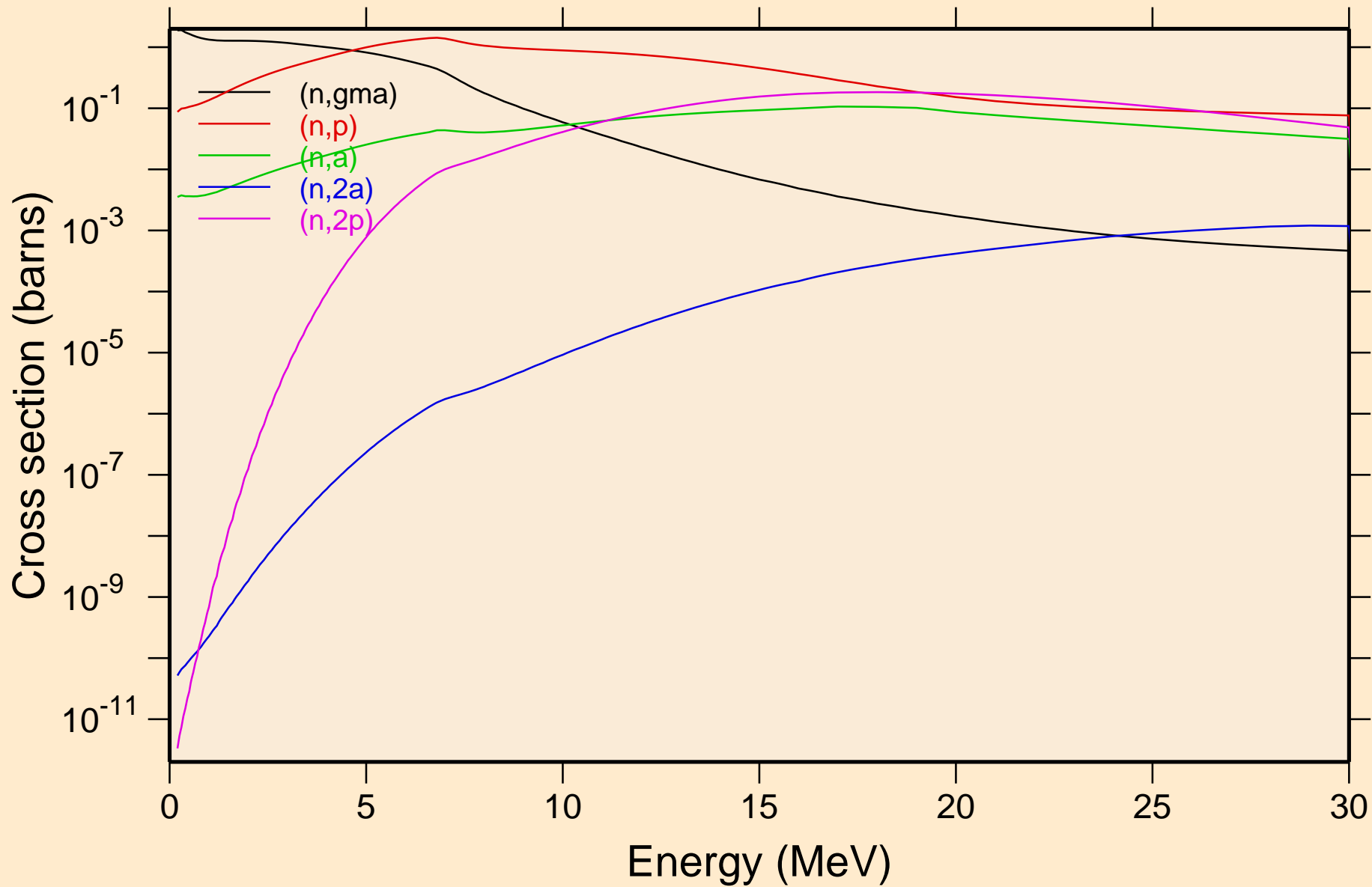


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

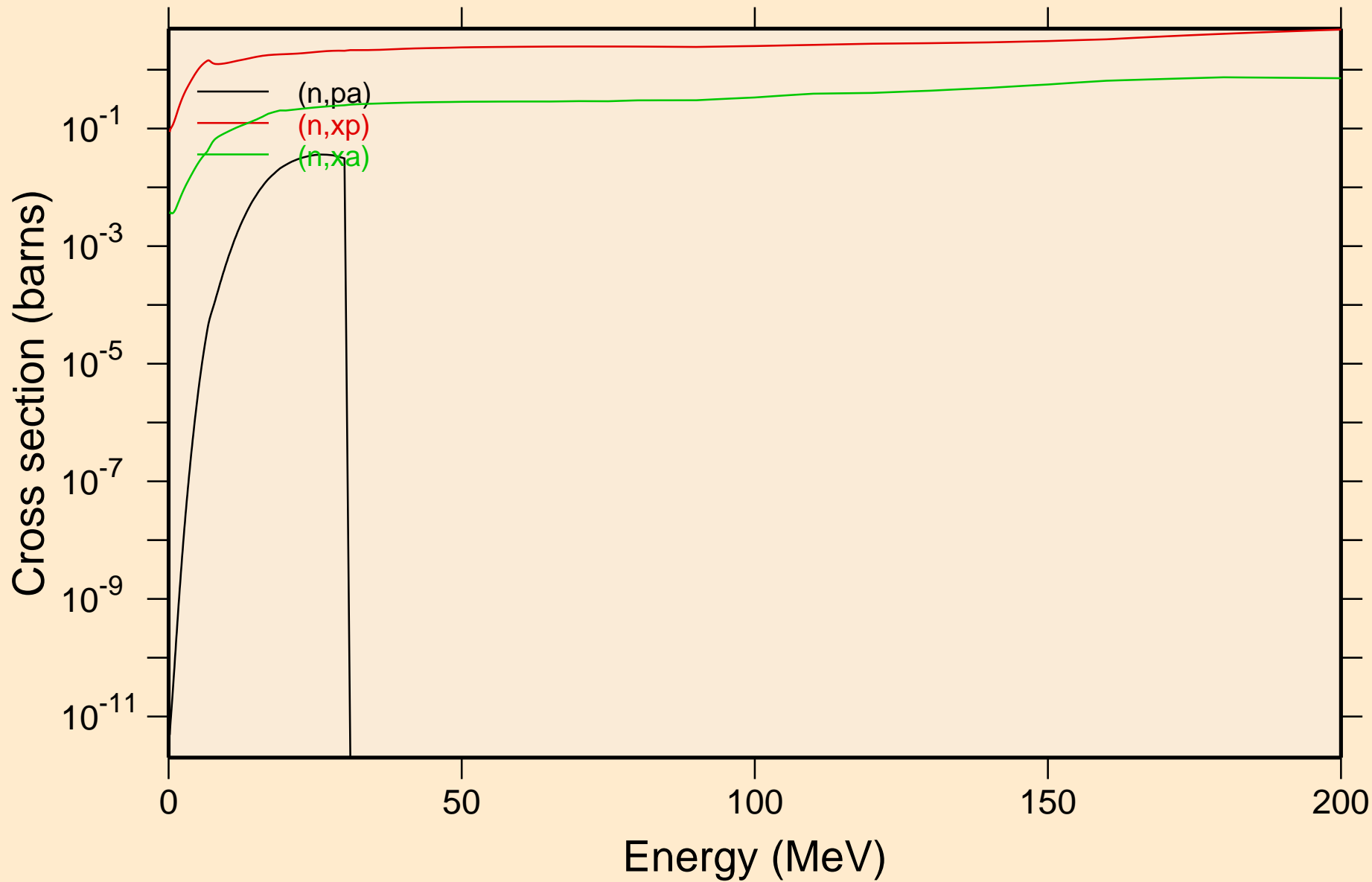




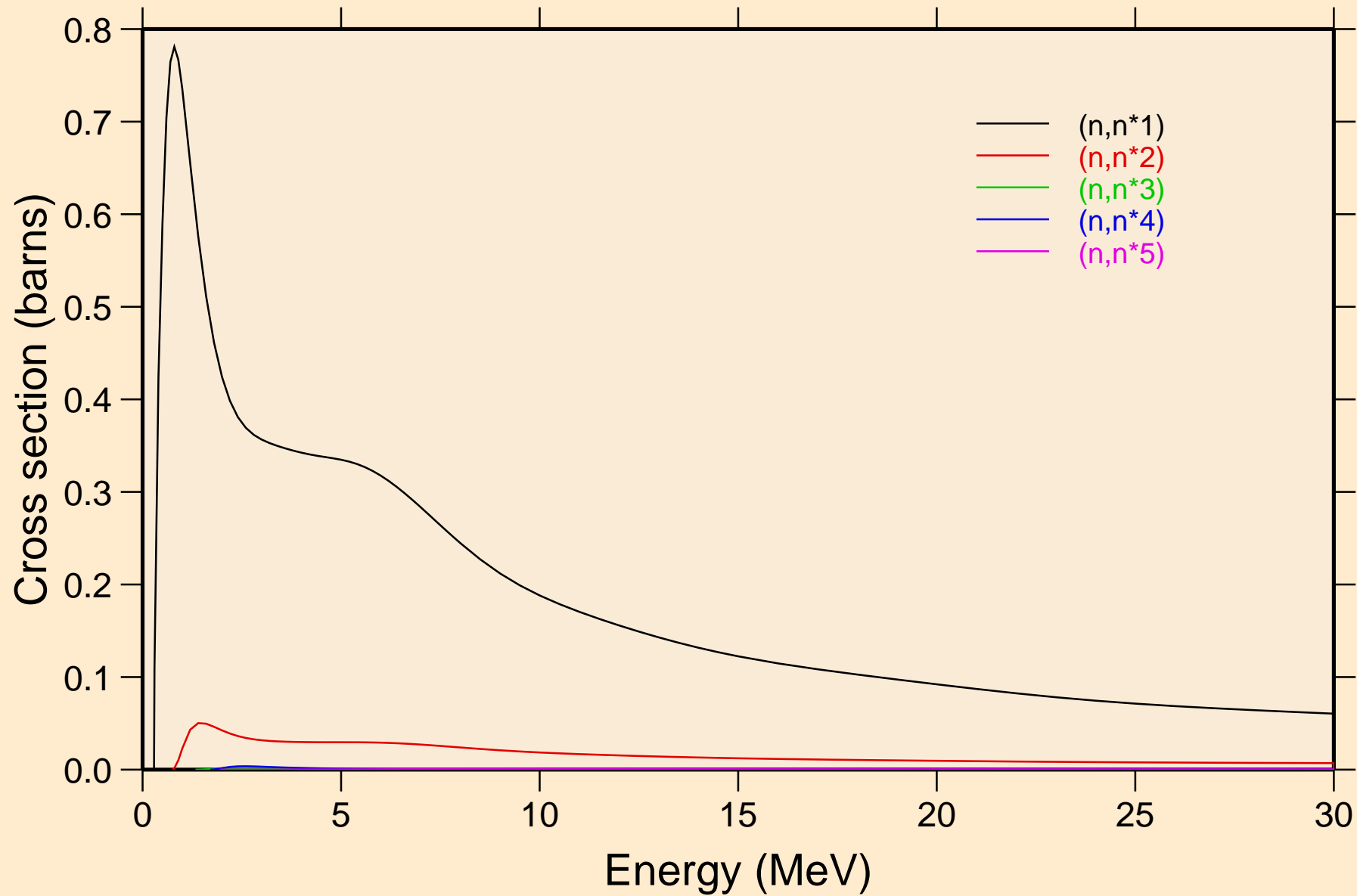
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



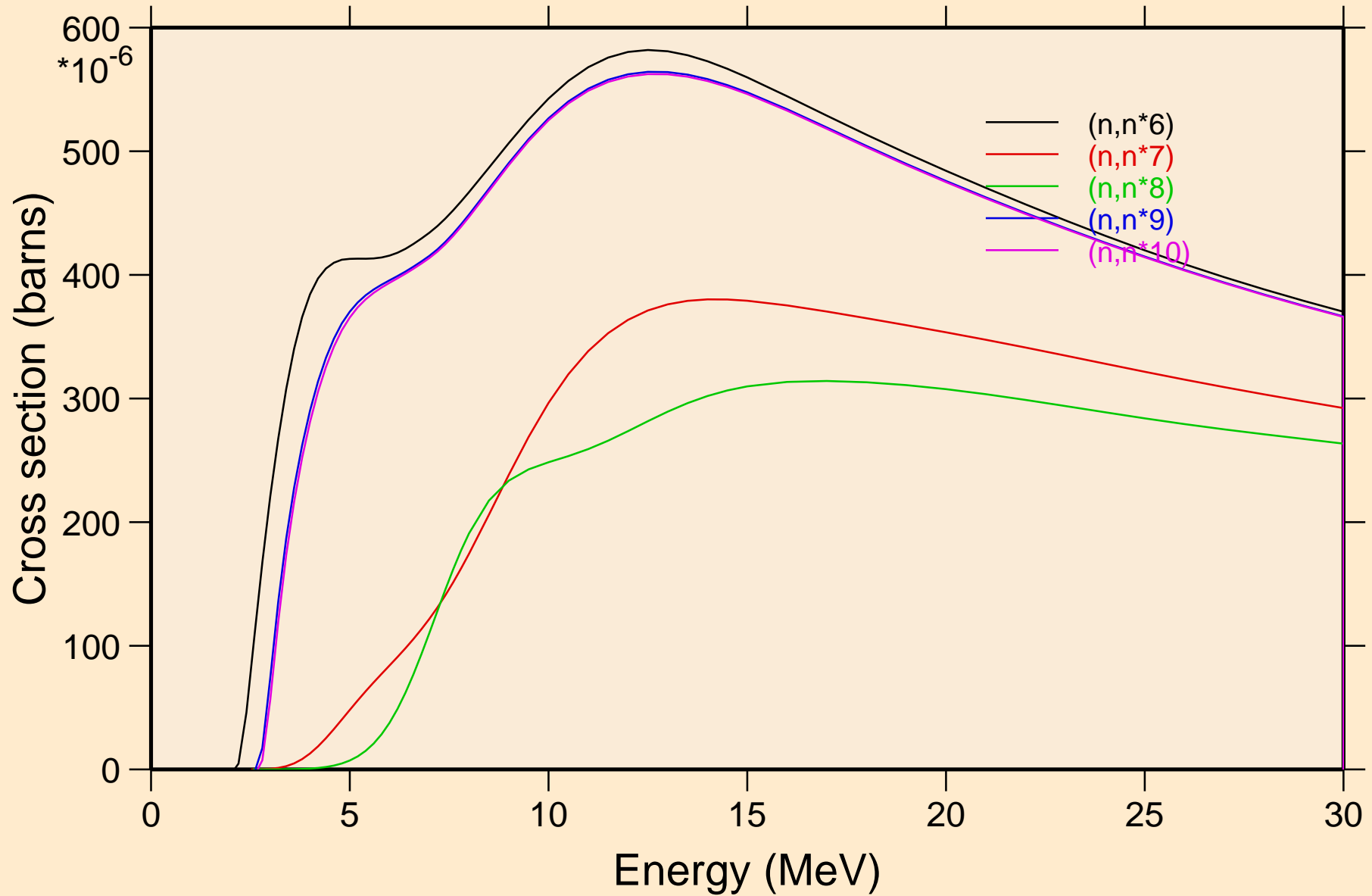
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



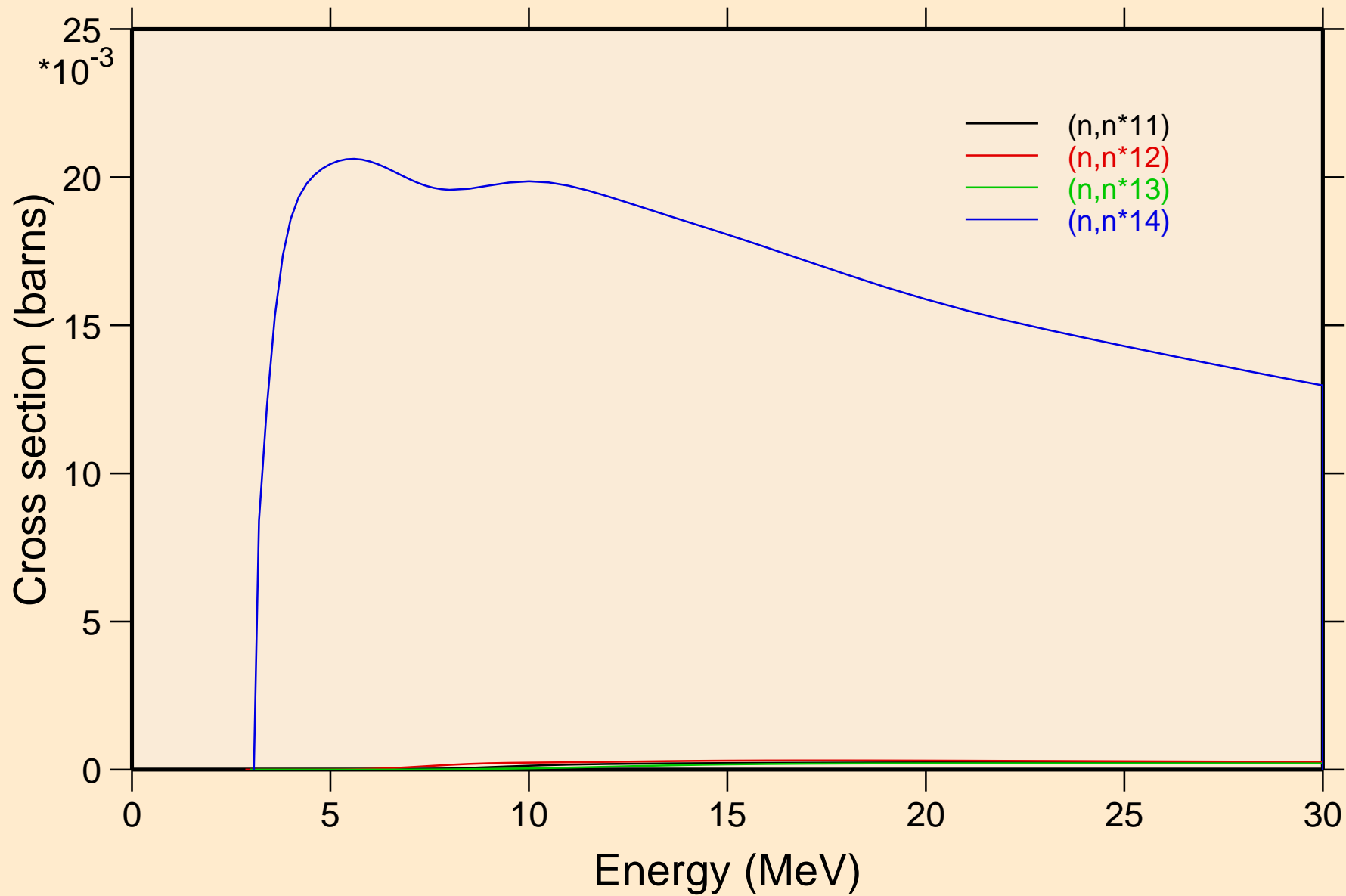
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



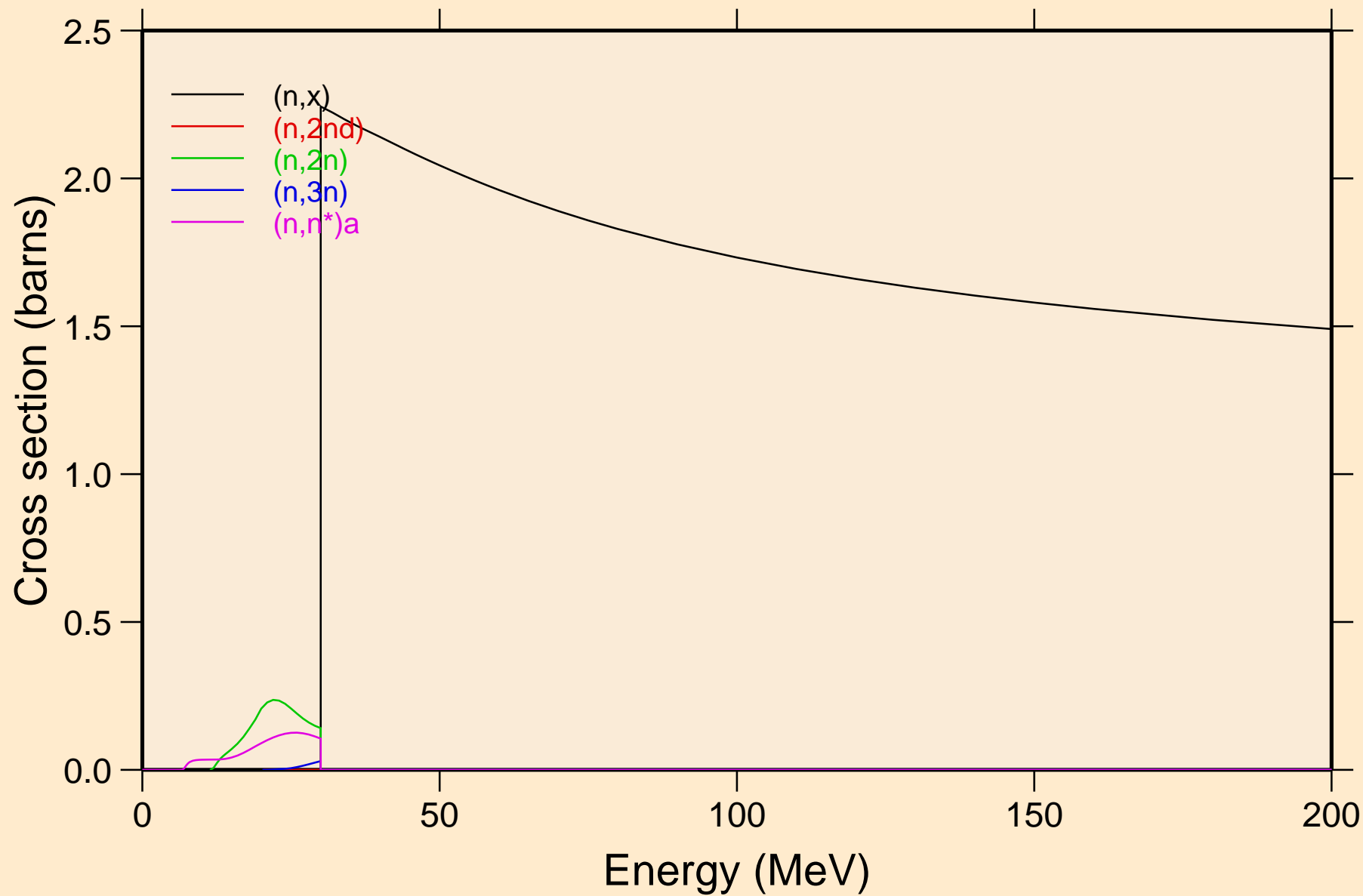
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



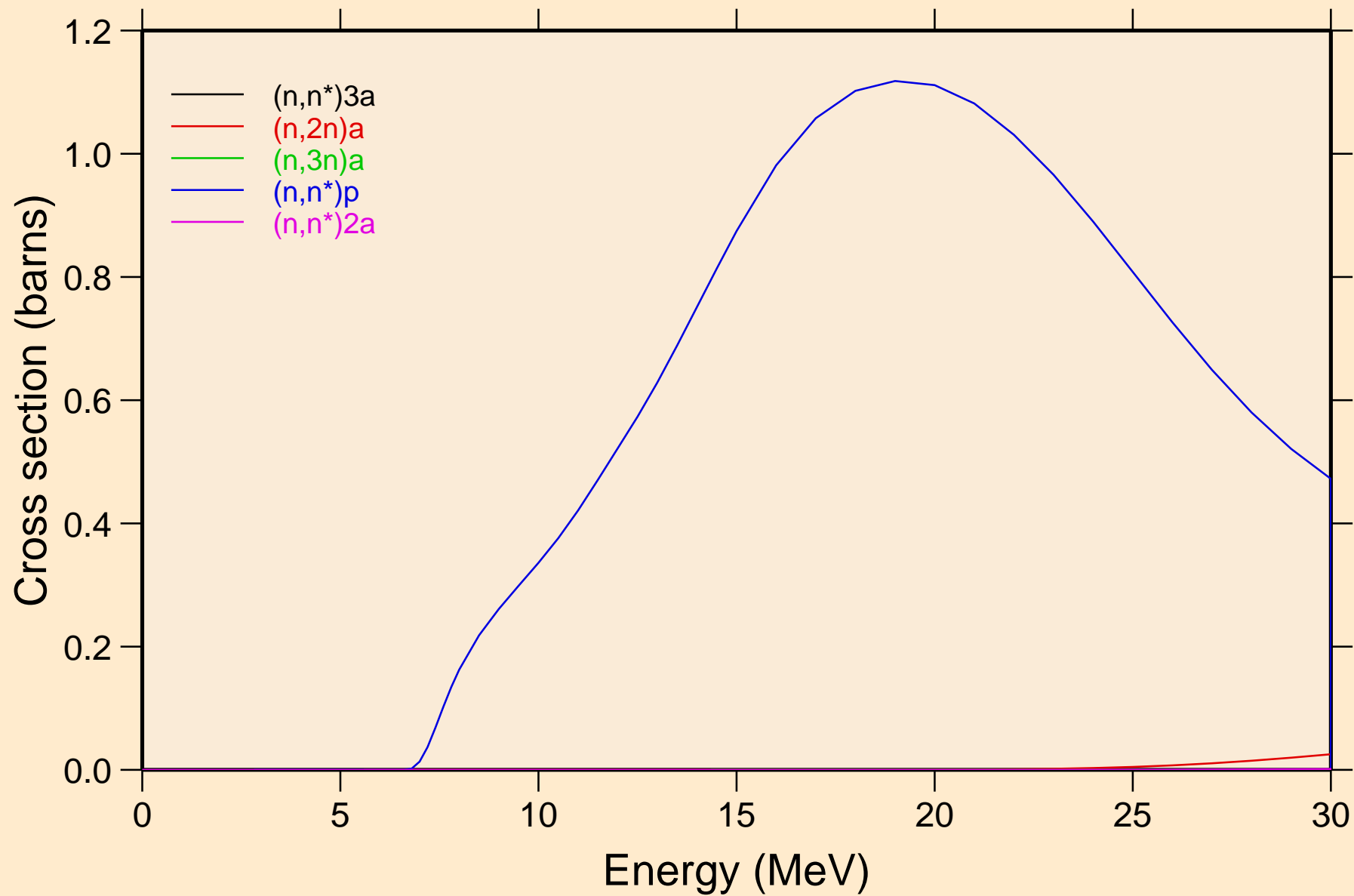
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



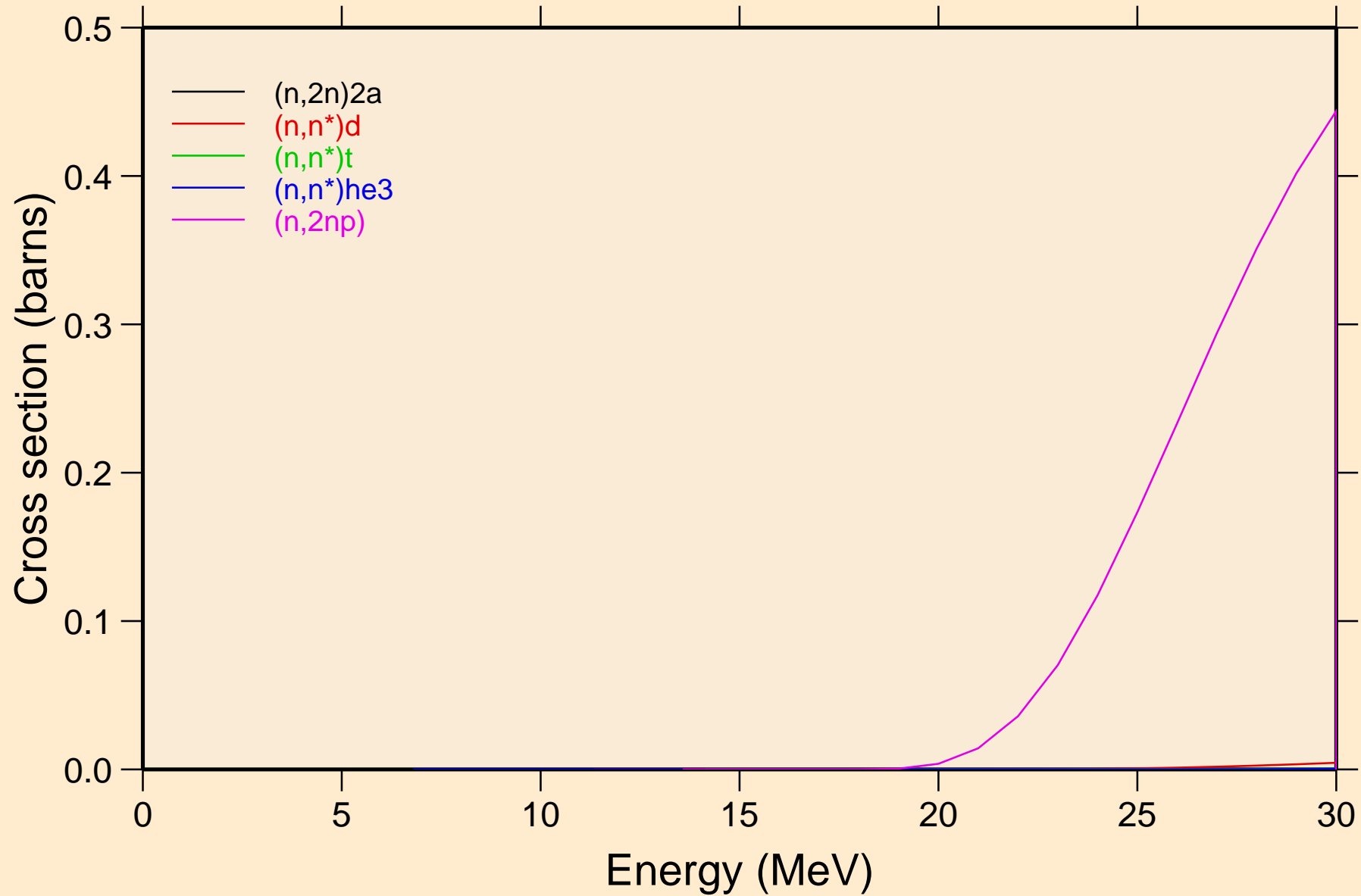
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



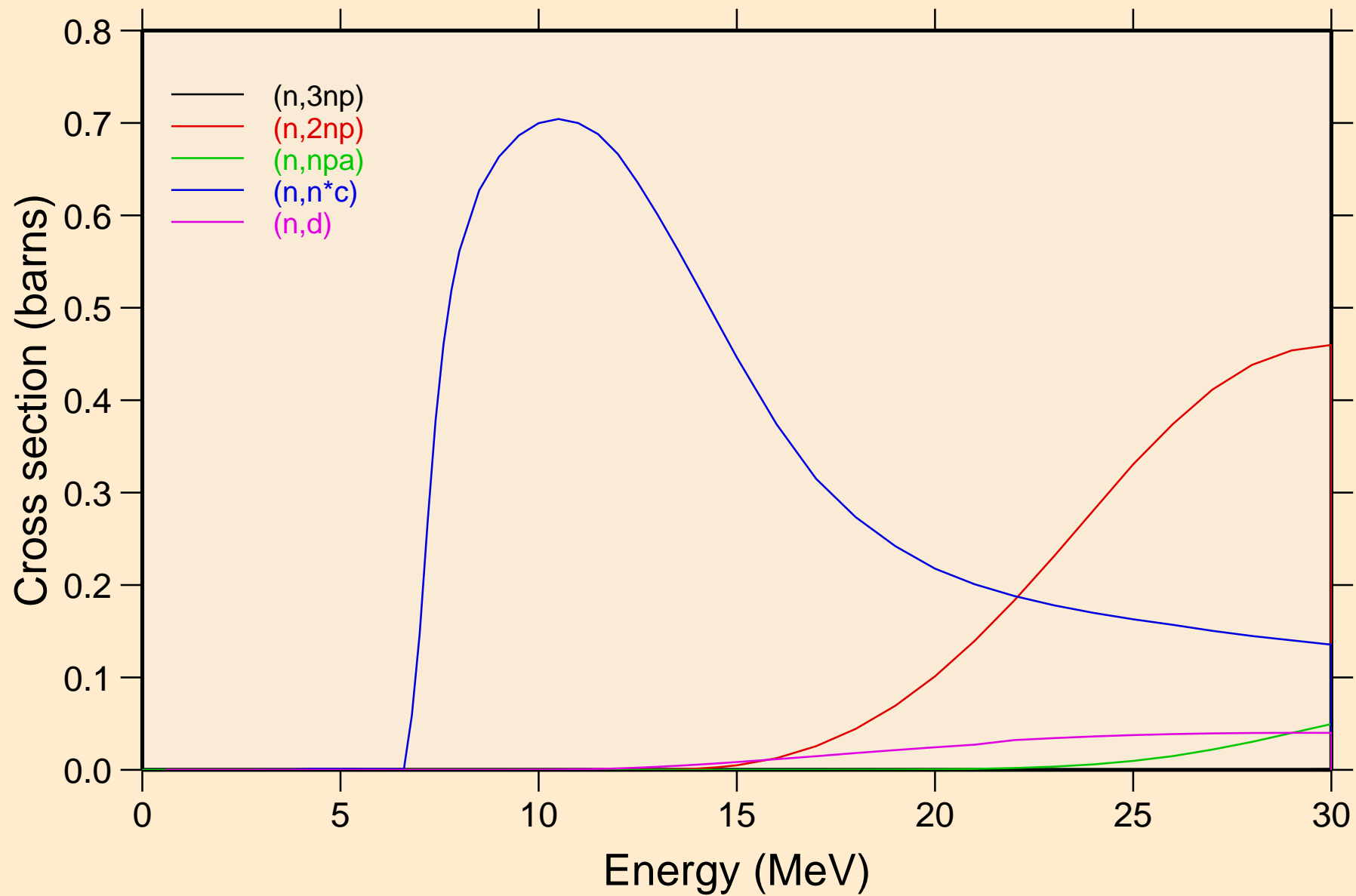
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



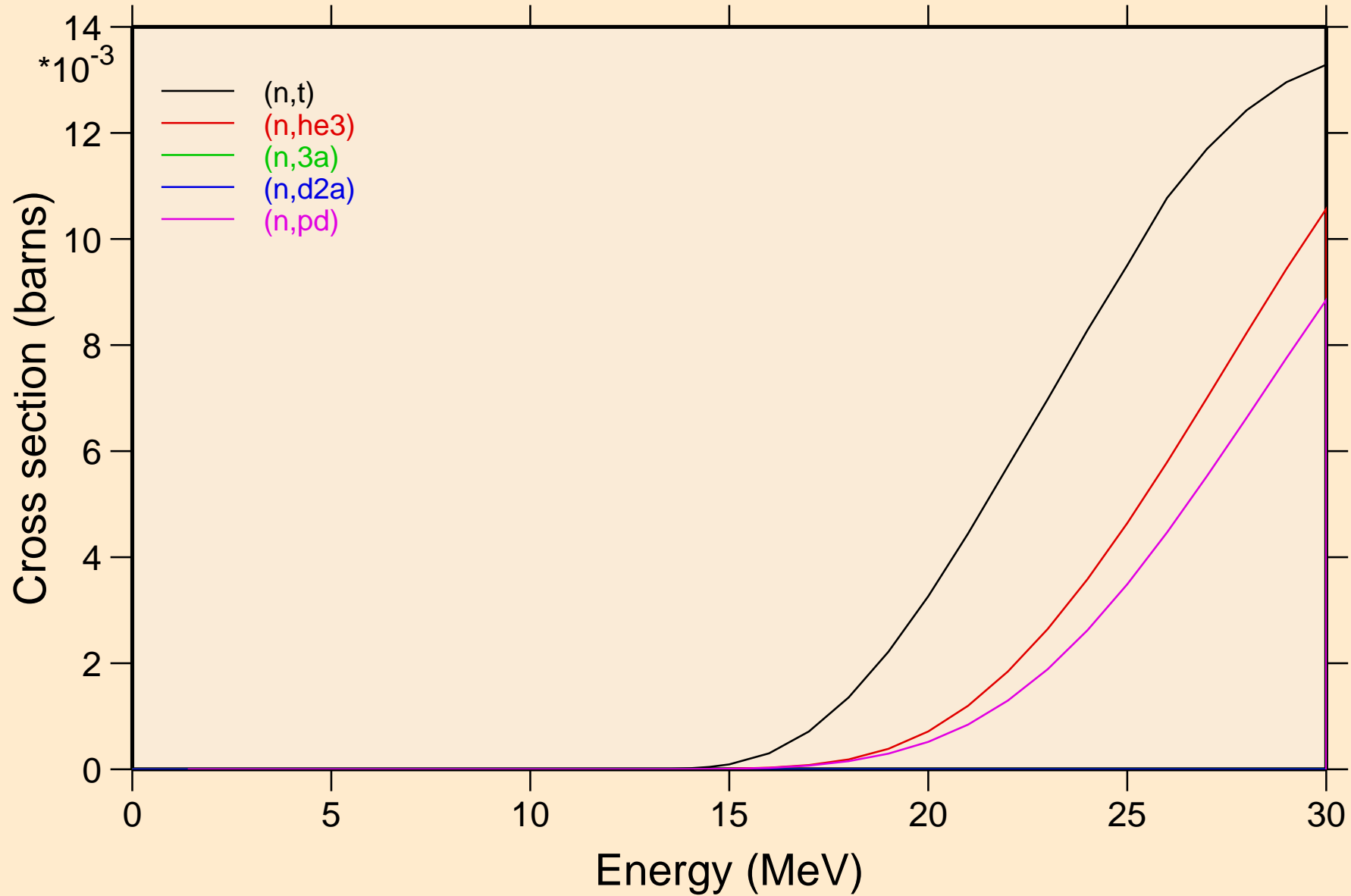


# OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

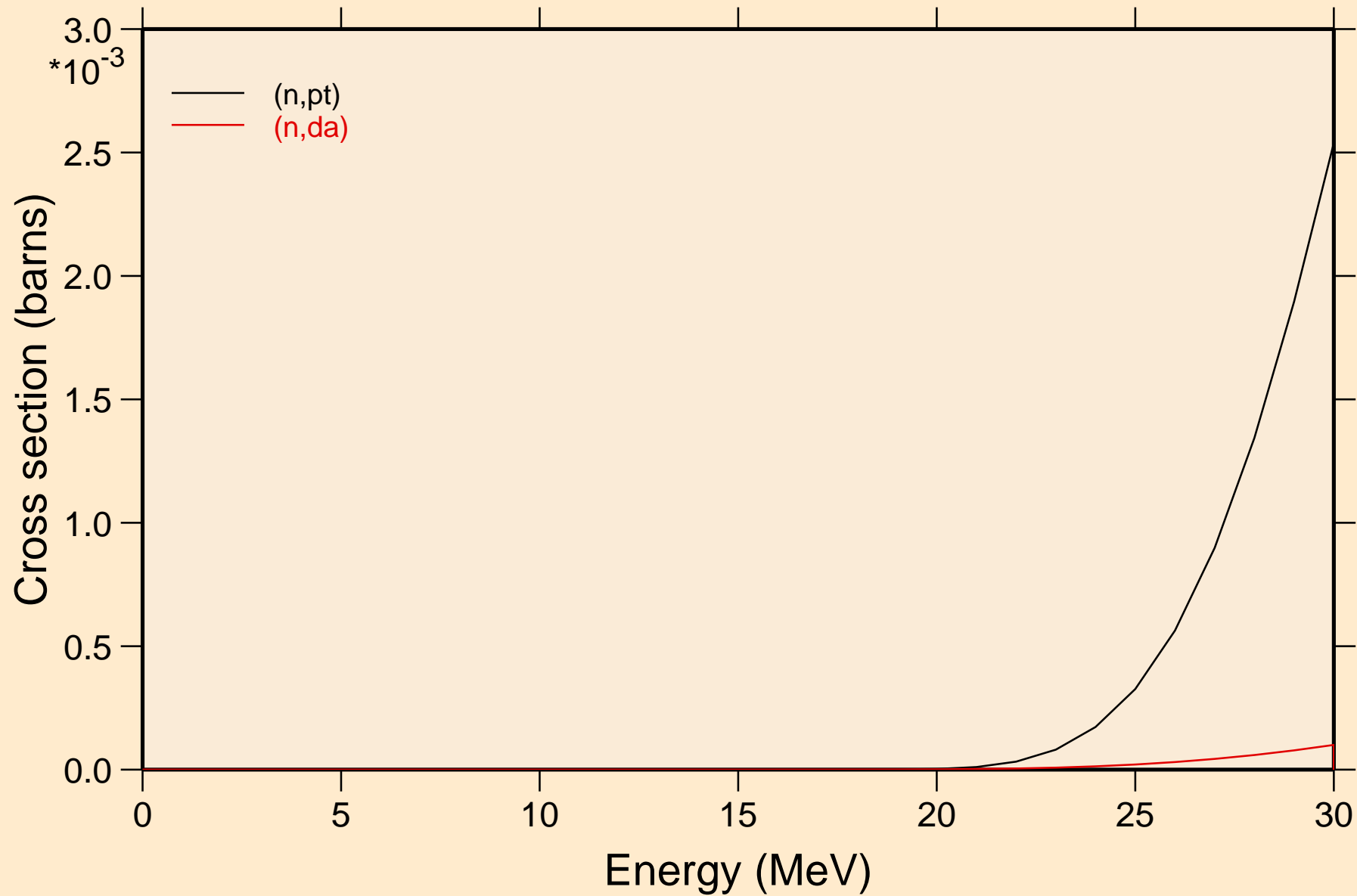
## Threshold reactions



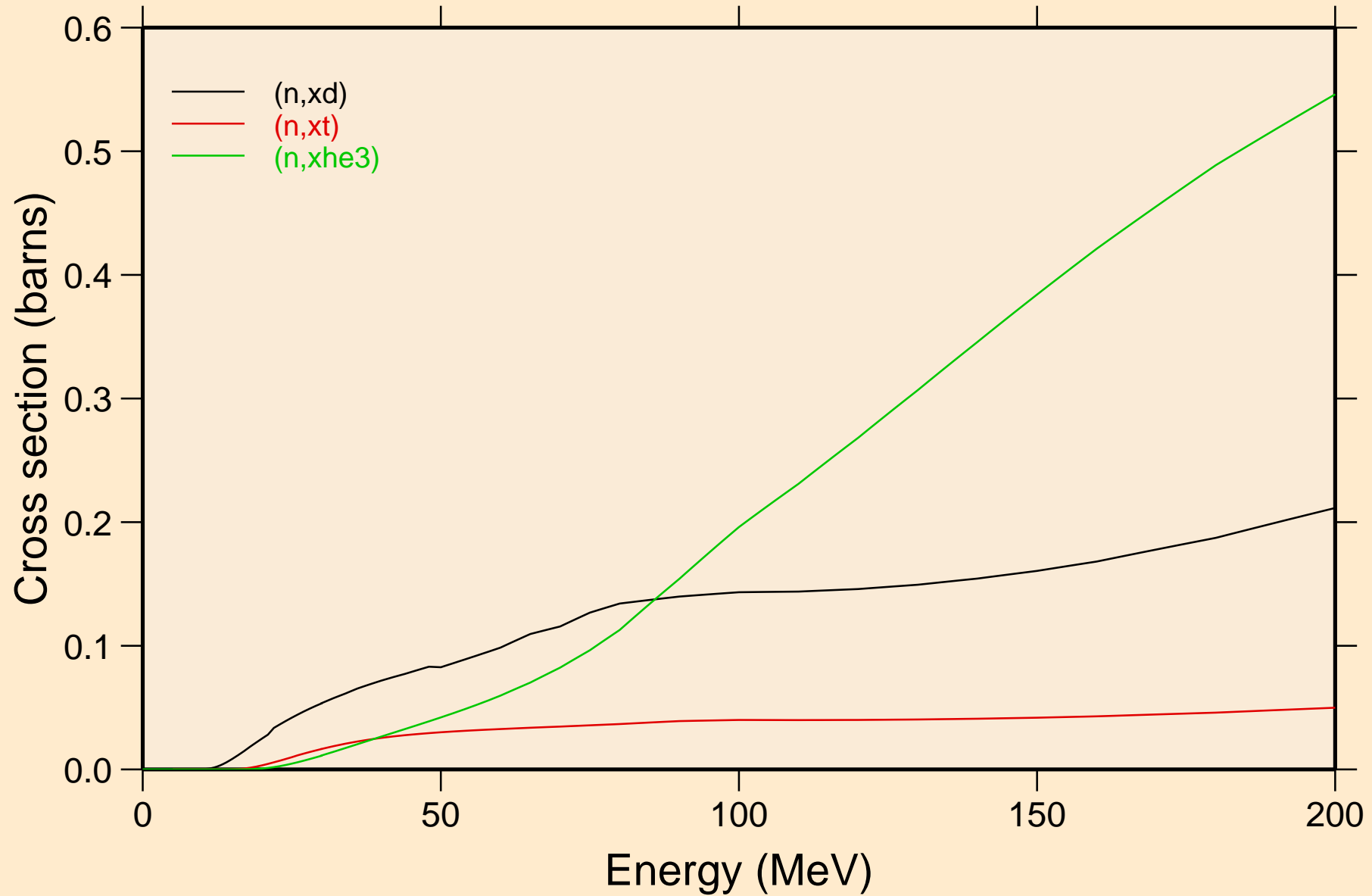
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



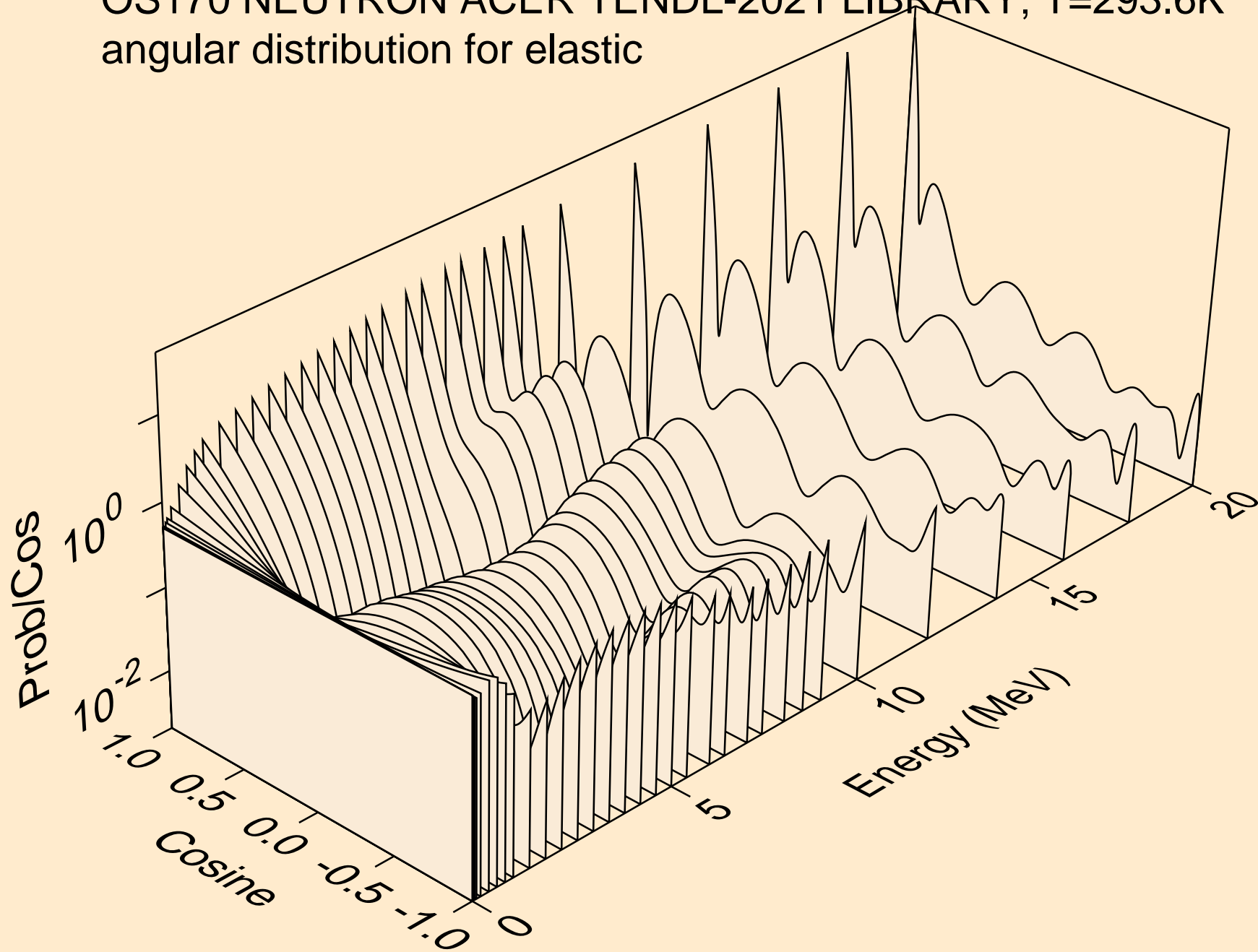
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



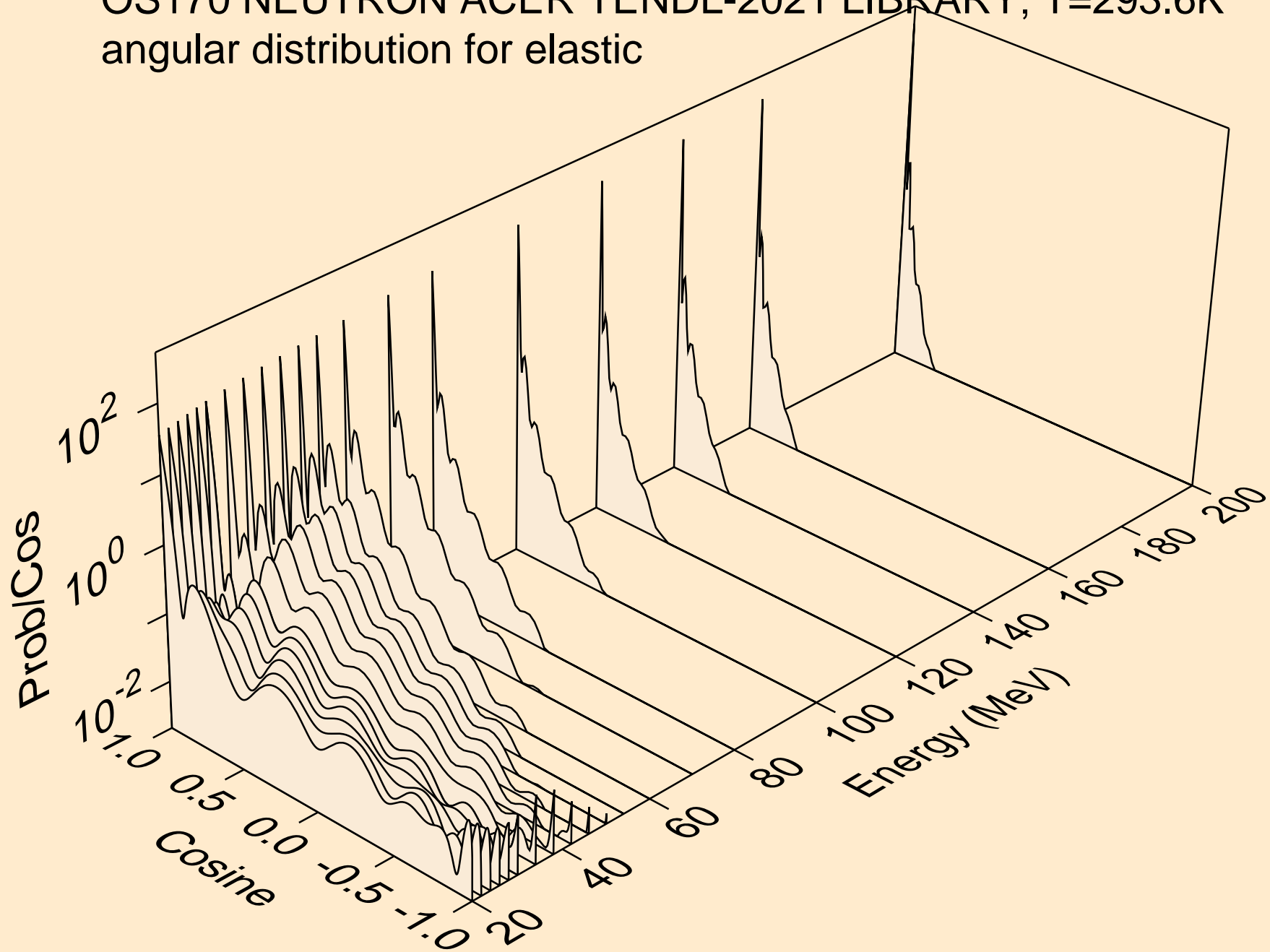
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



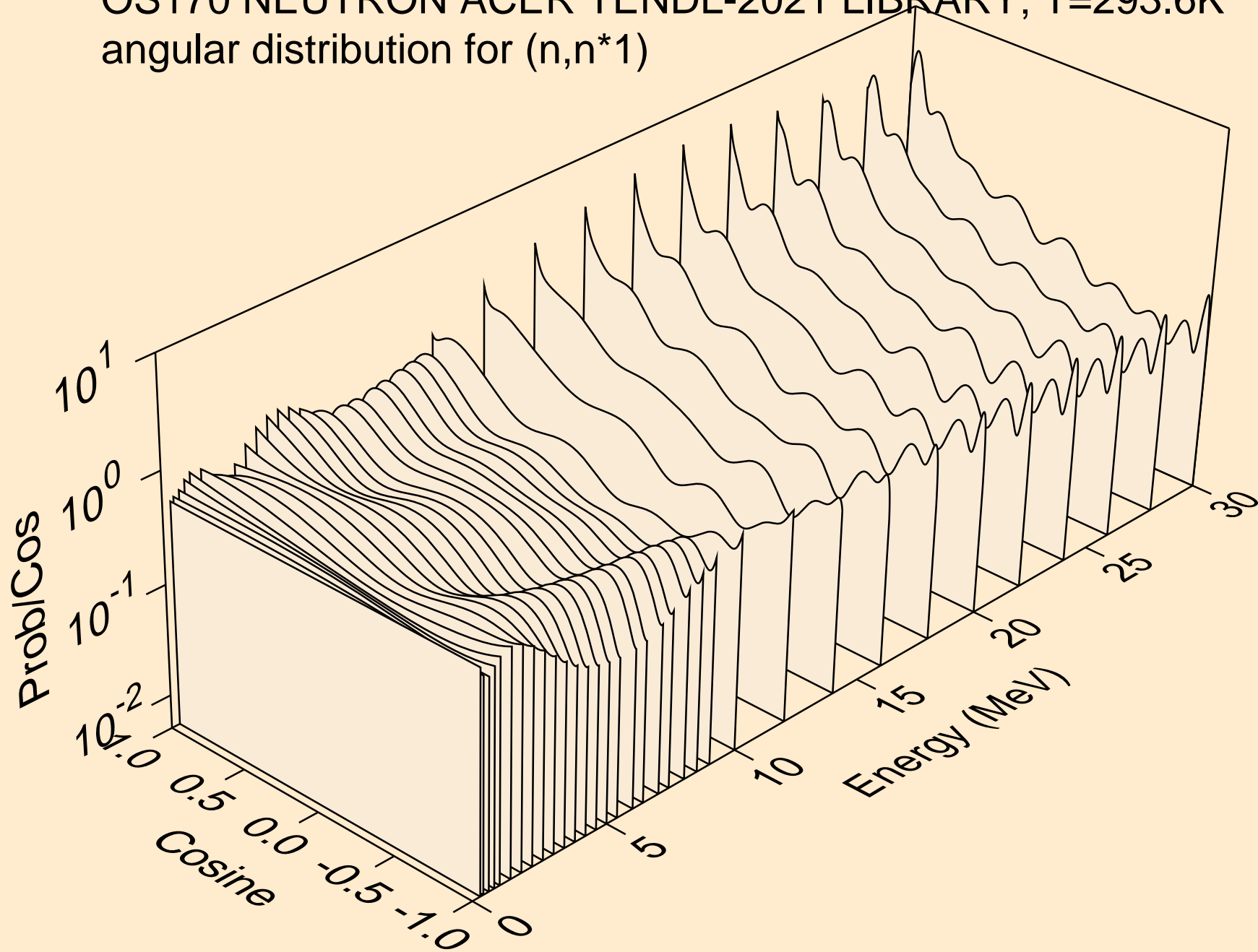
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



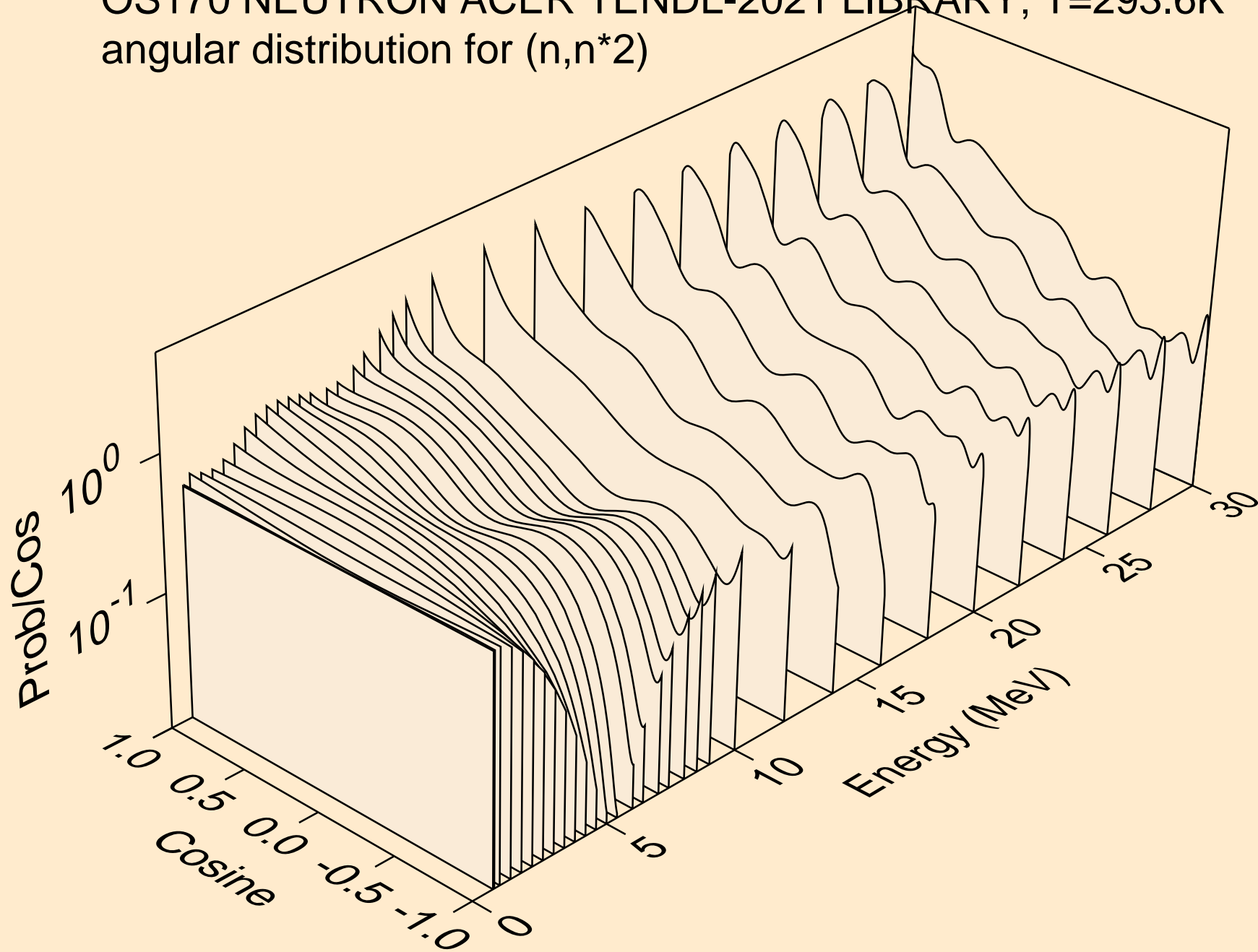
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

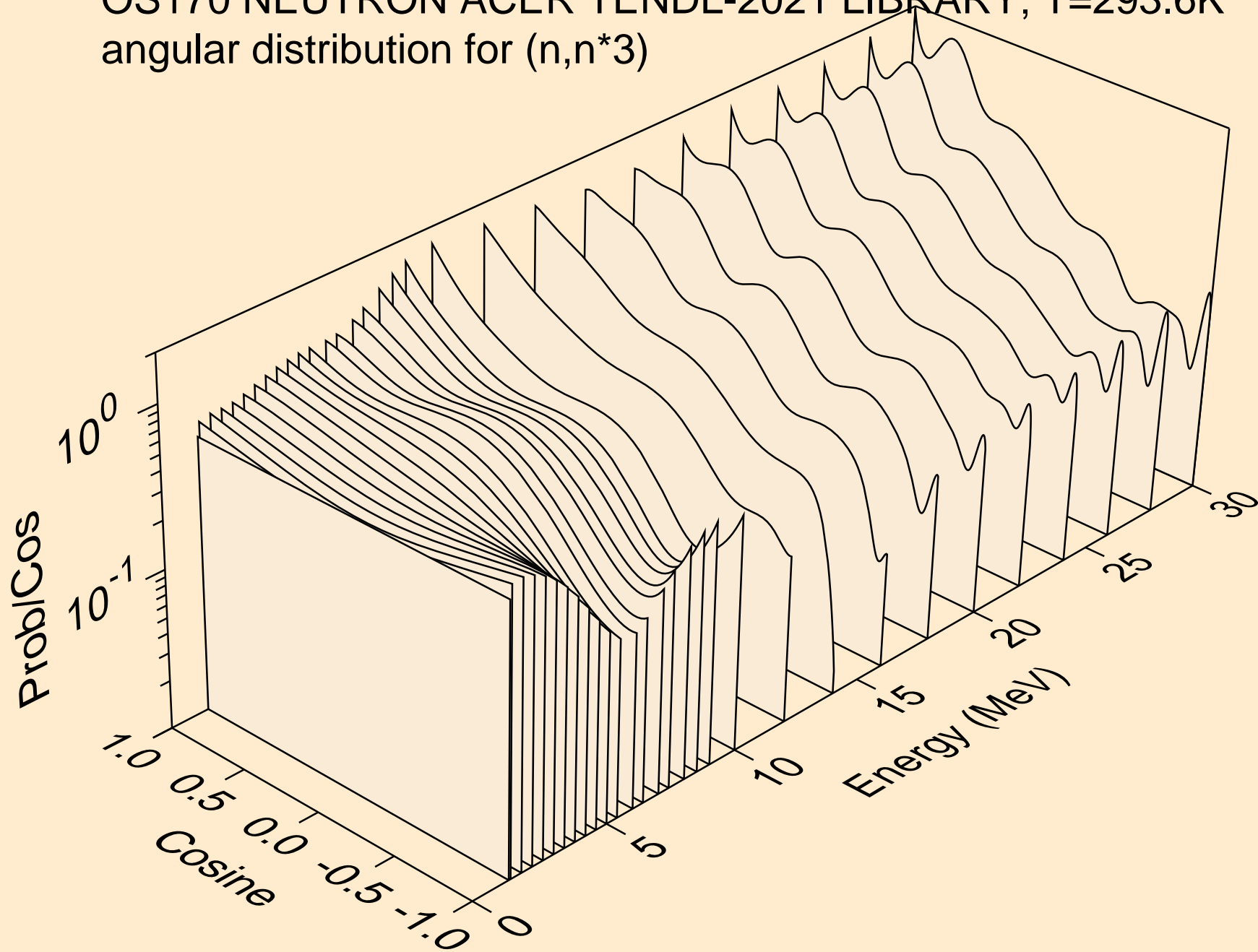


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

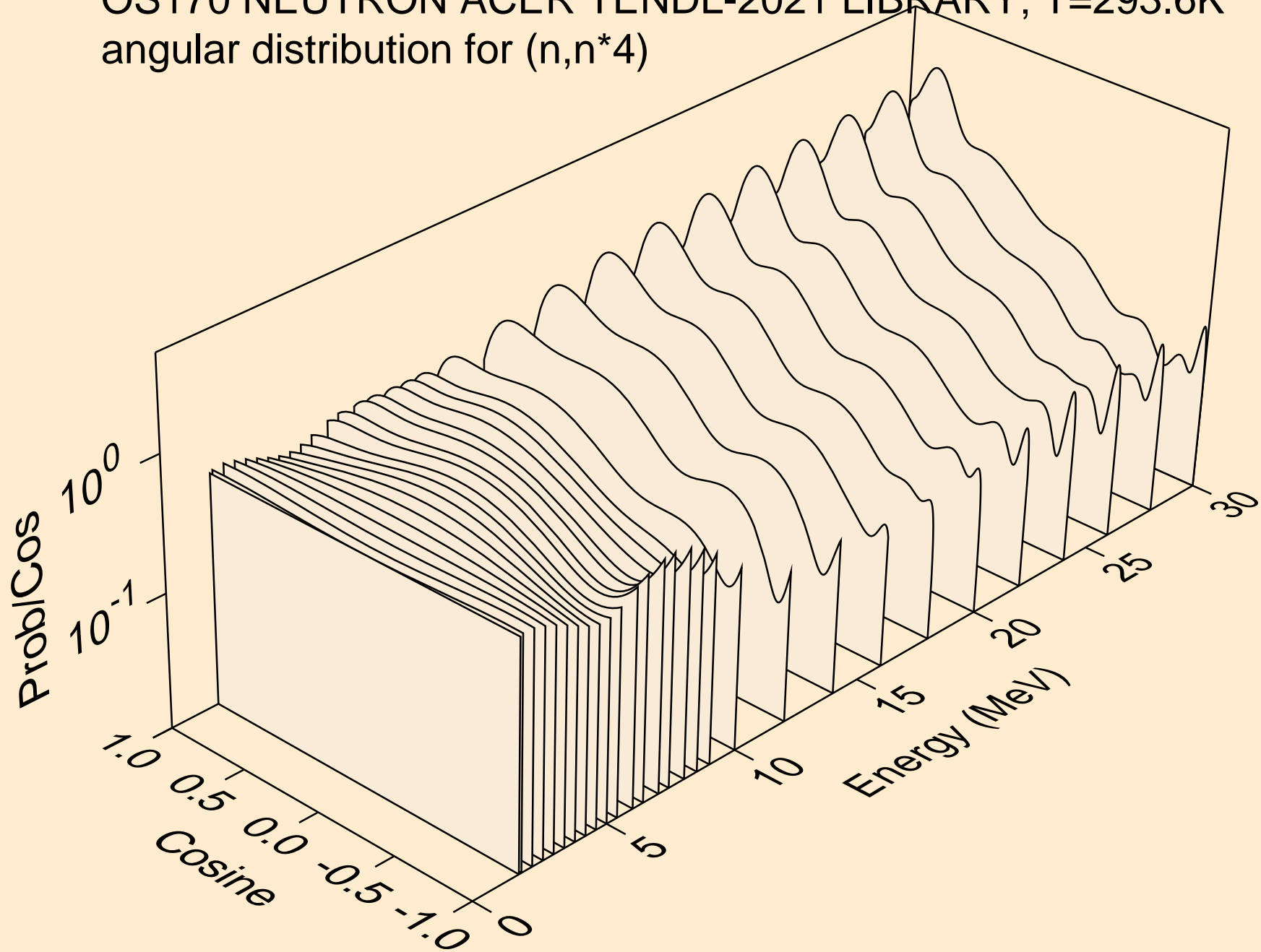




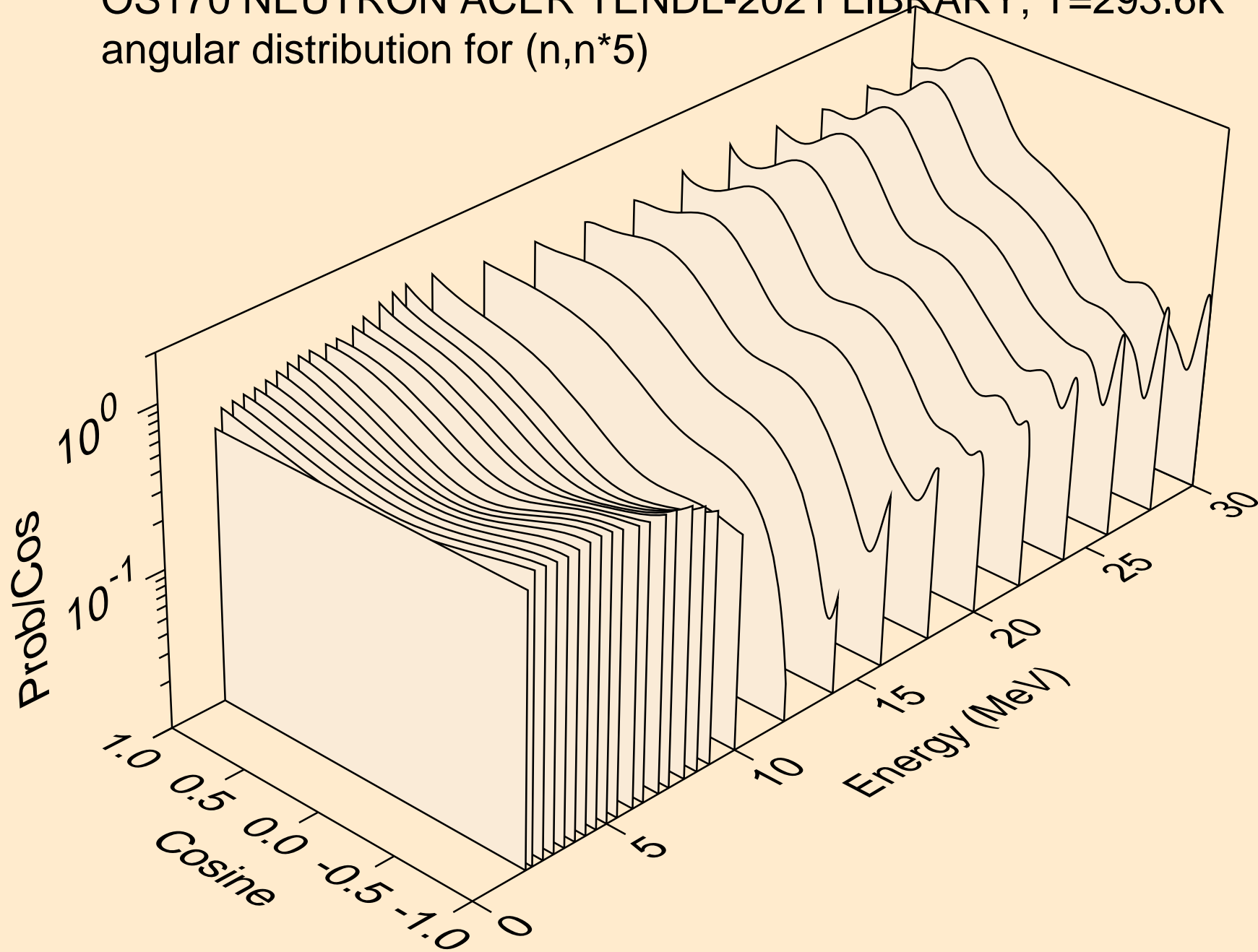
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



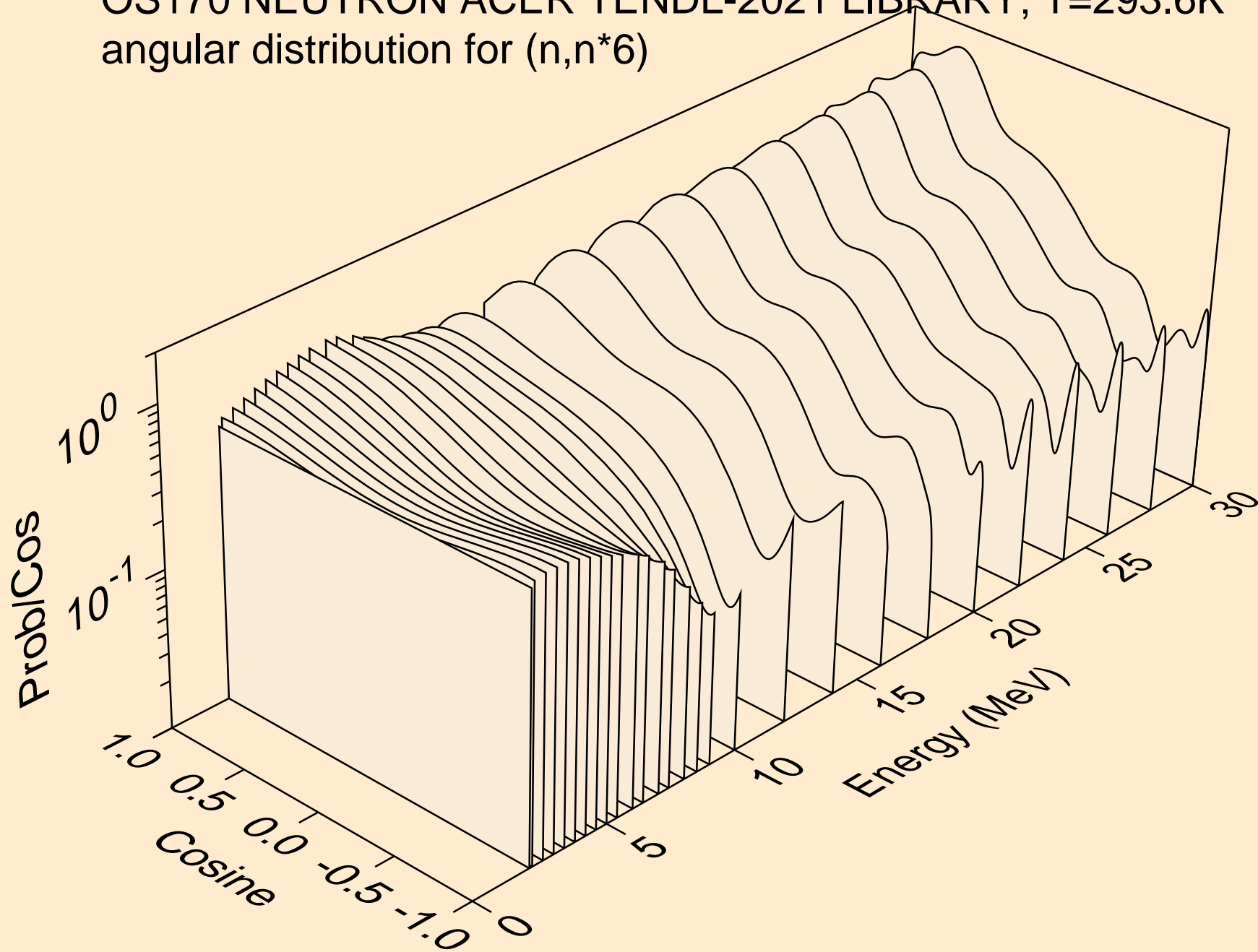
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



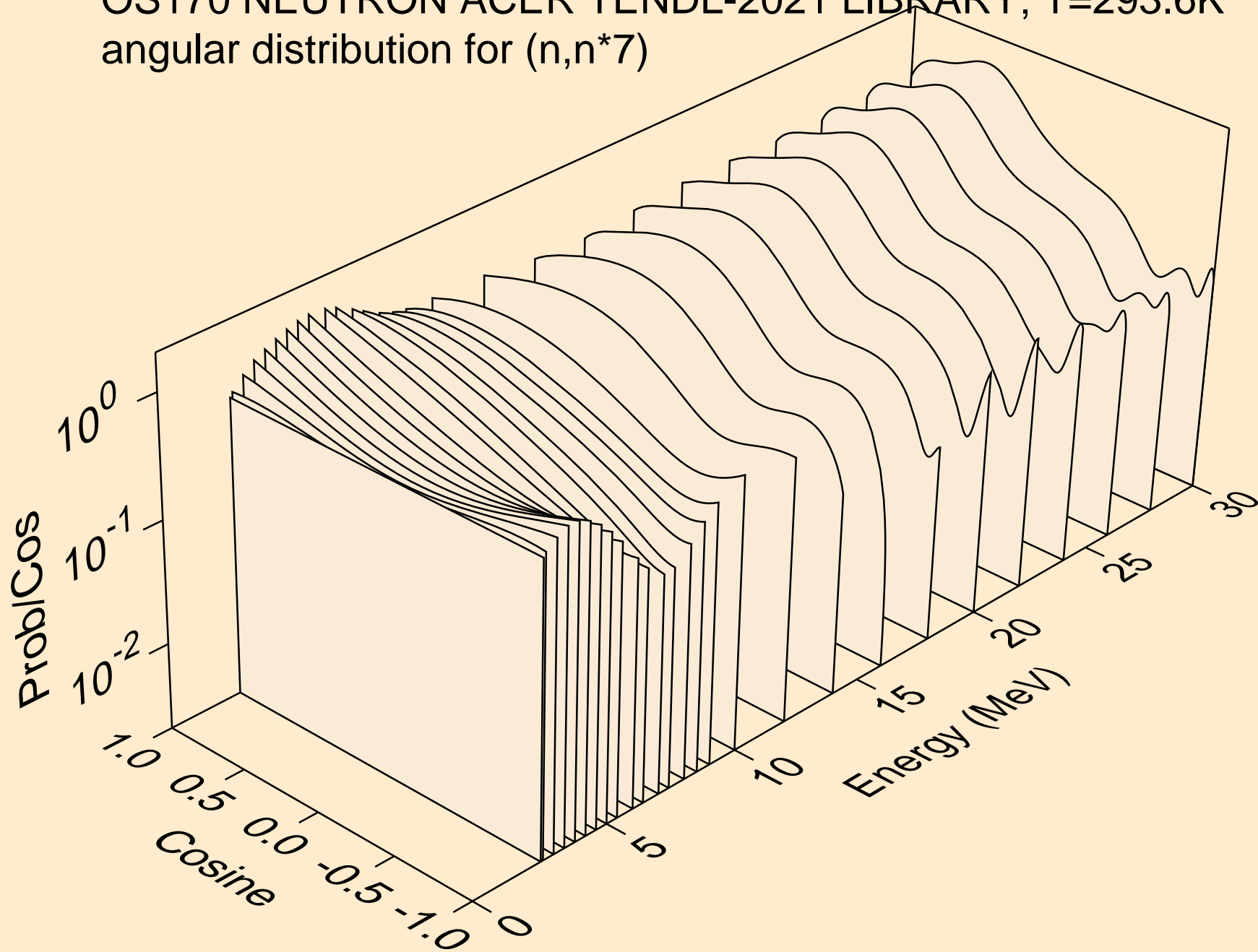
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angular distribution for (n,n\*5)



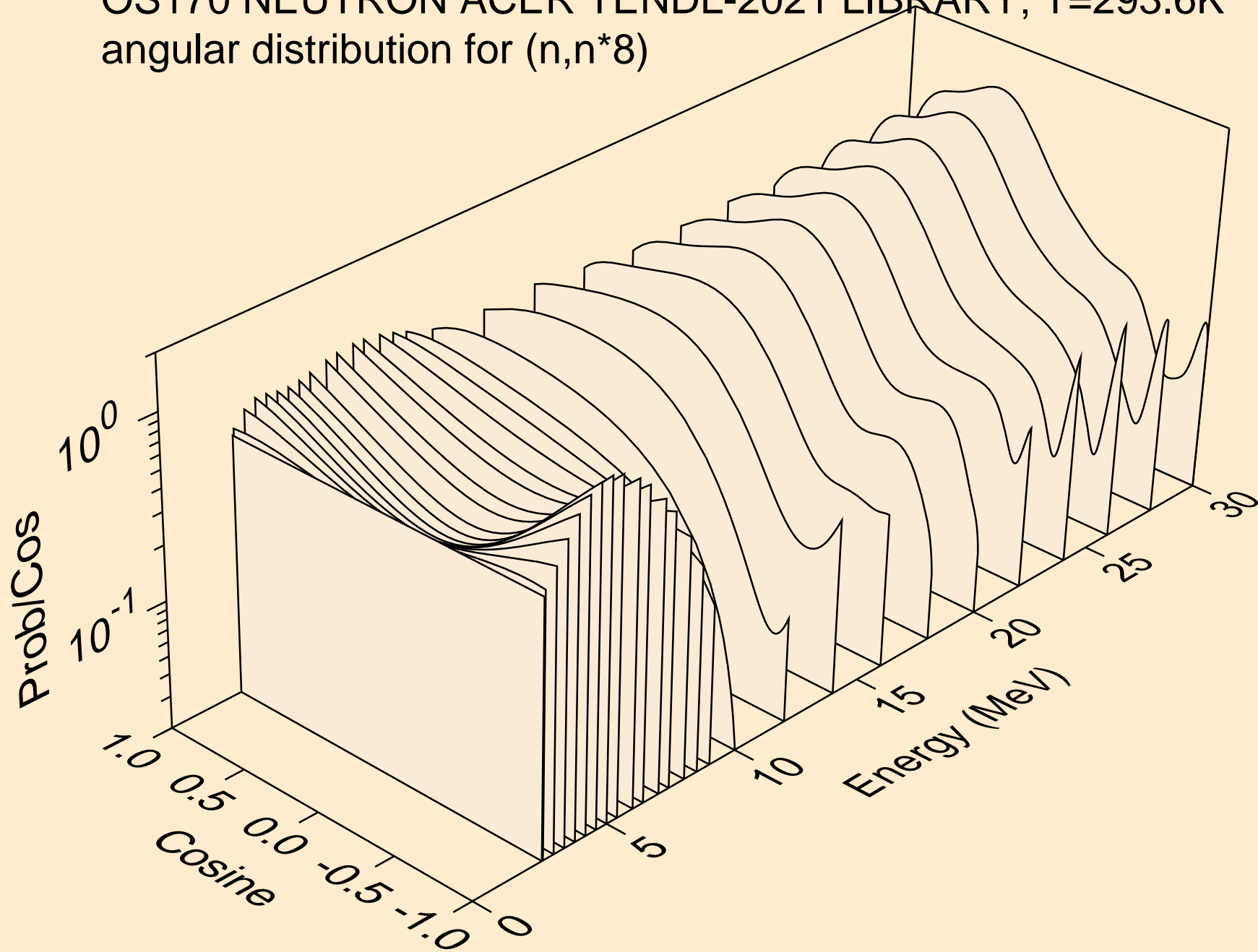
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



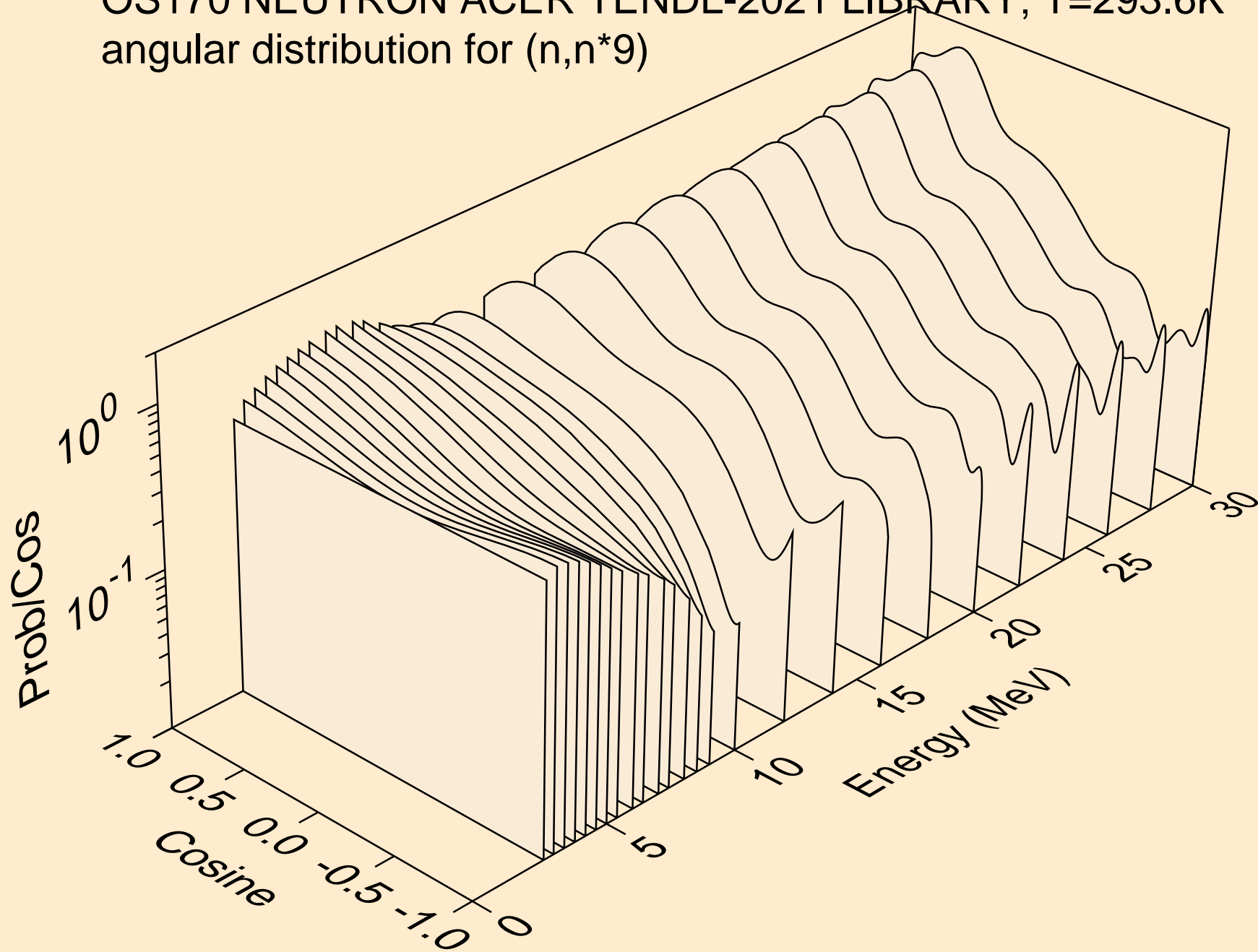
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



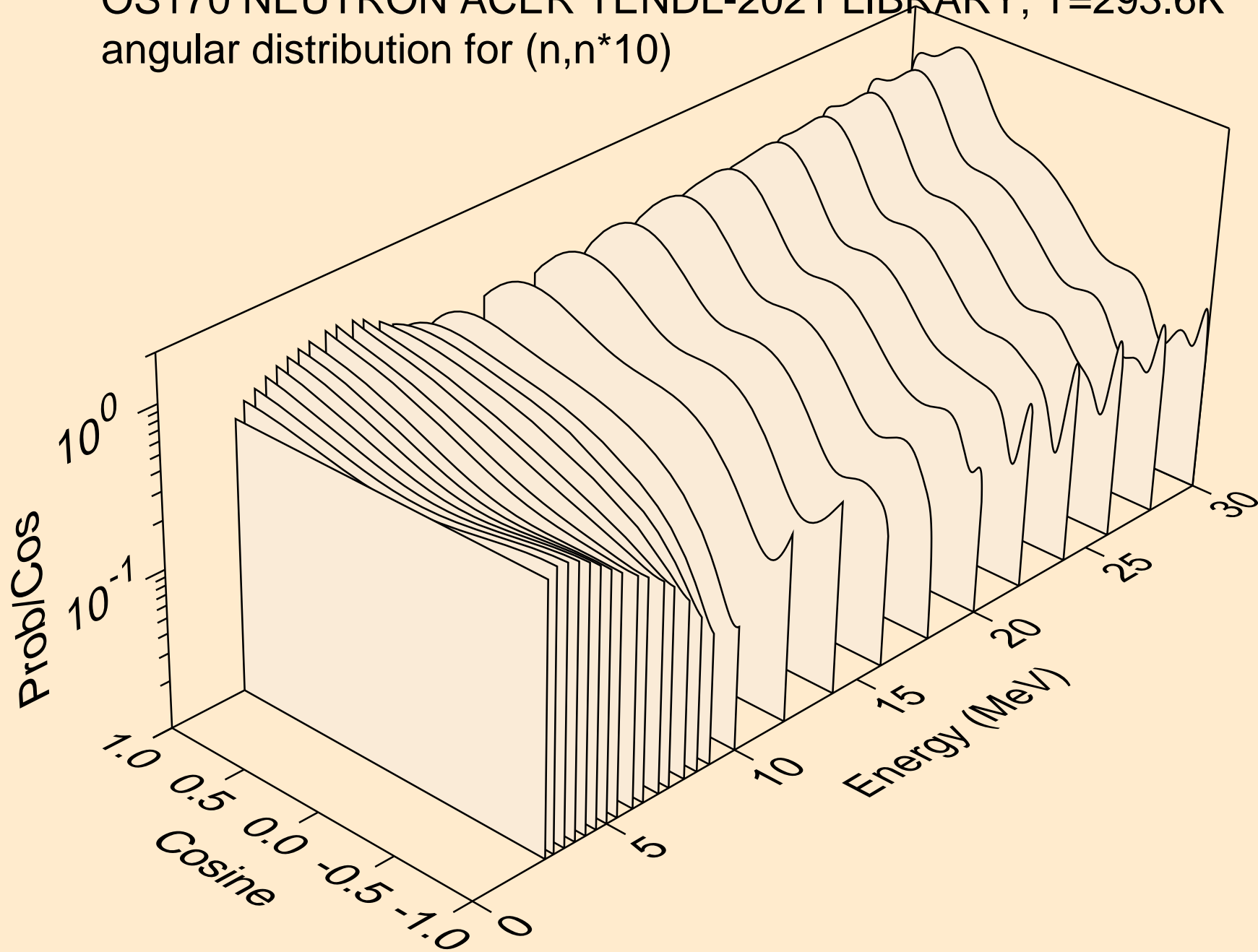
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

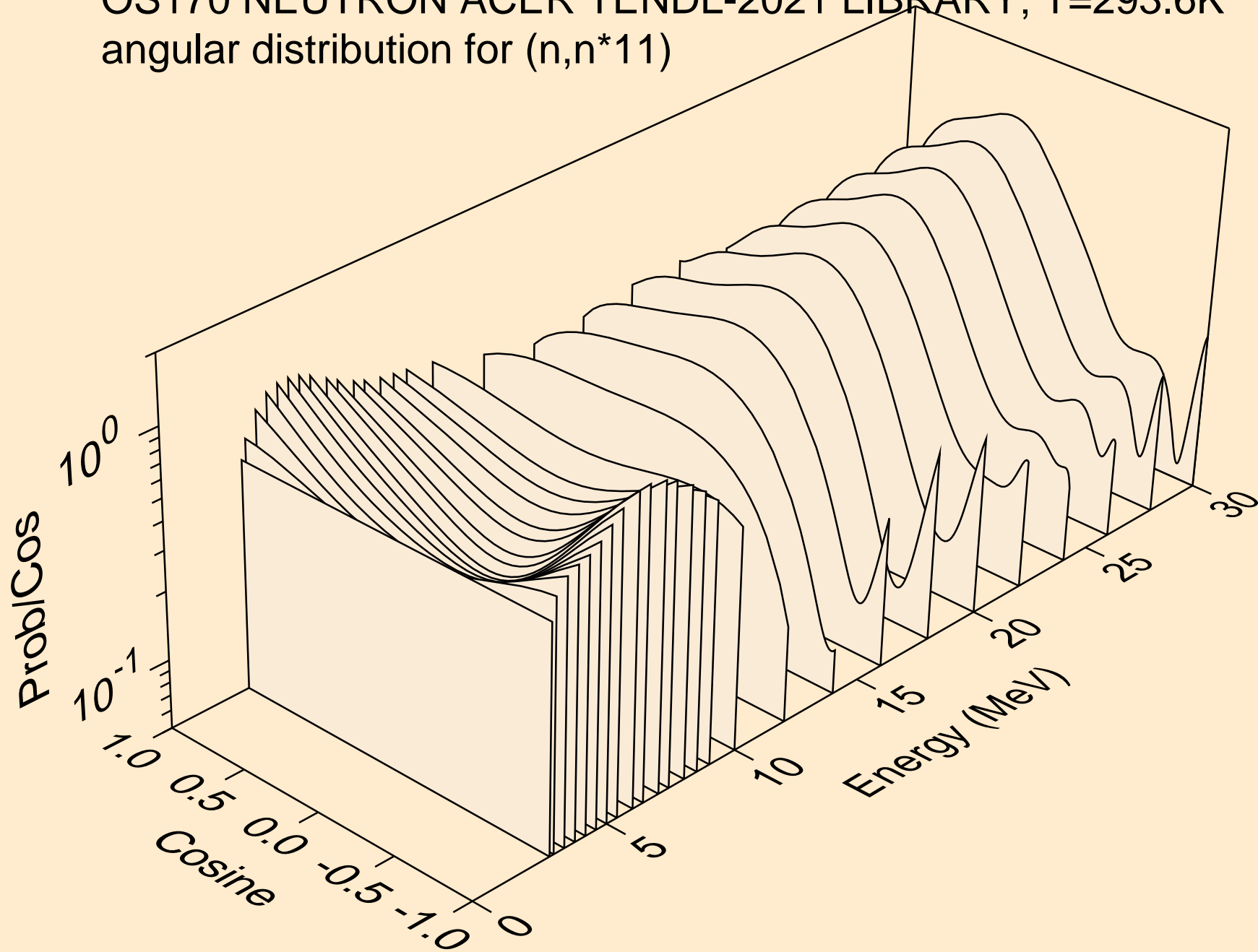


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

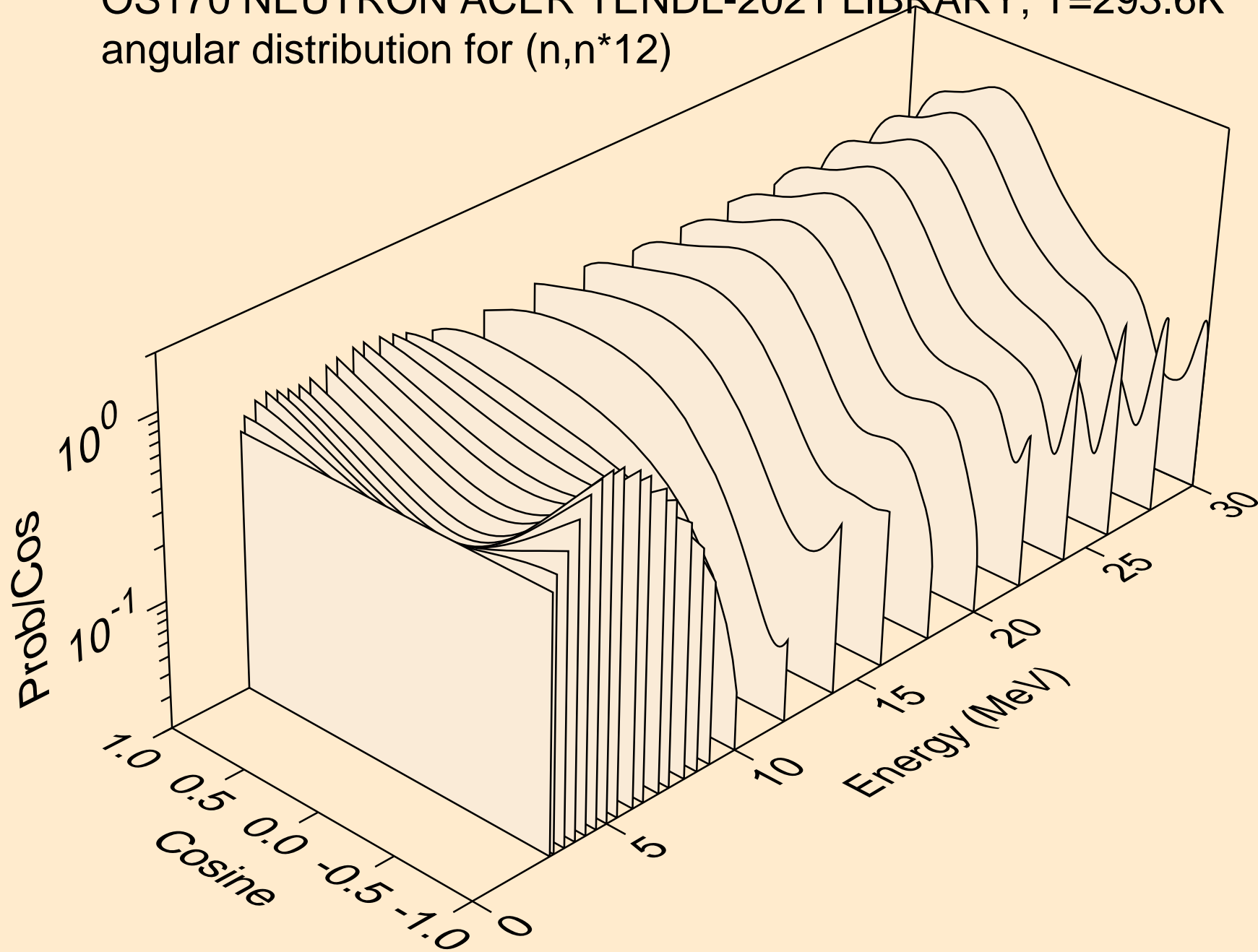




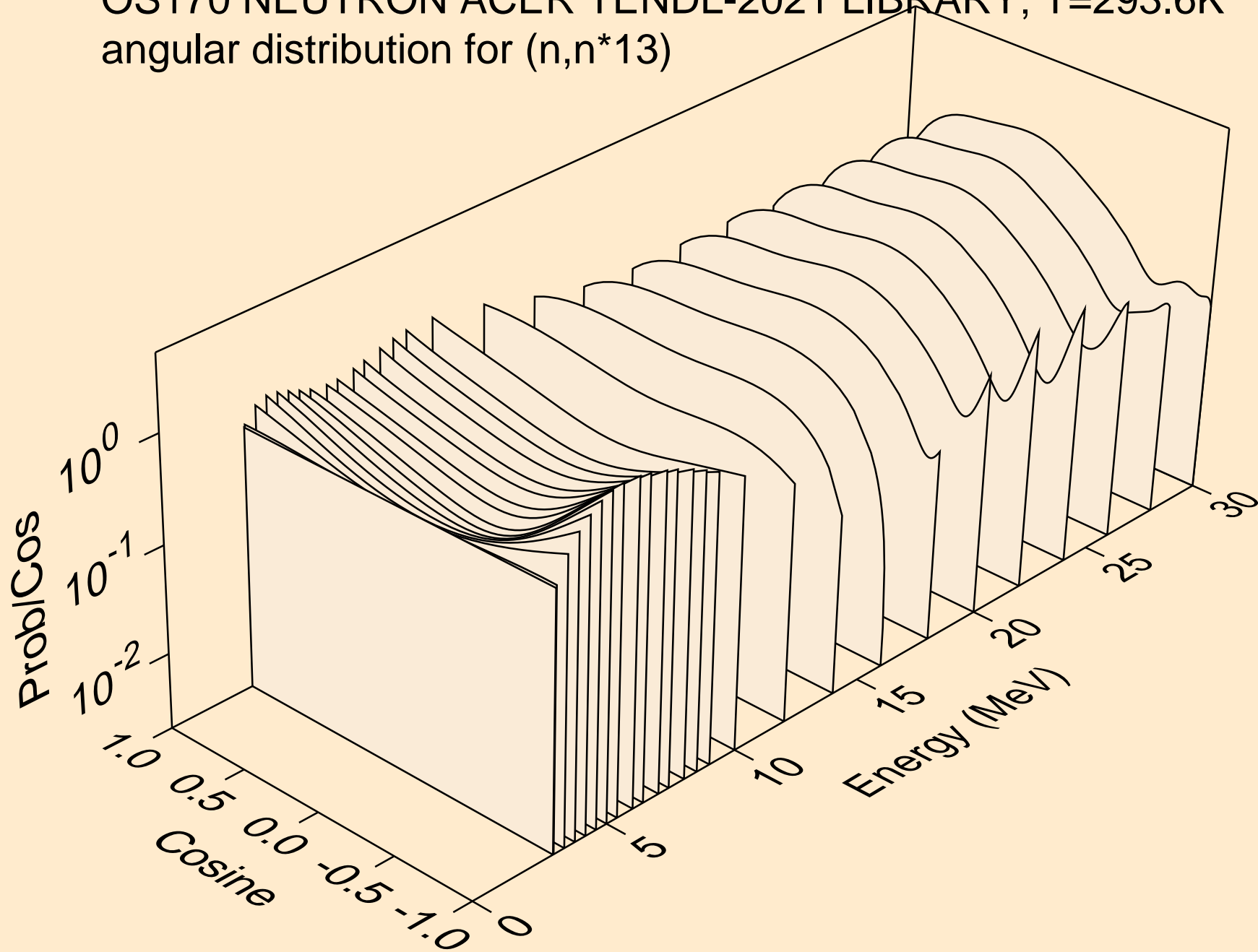
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



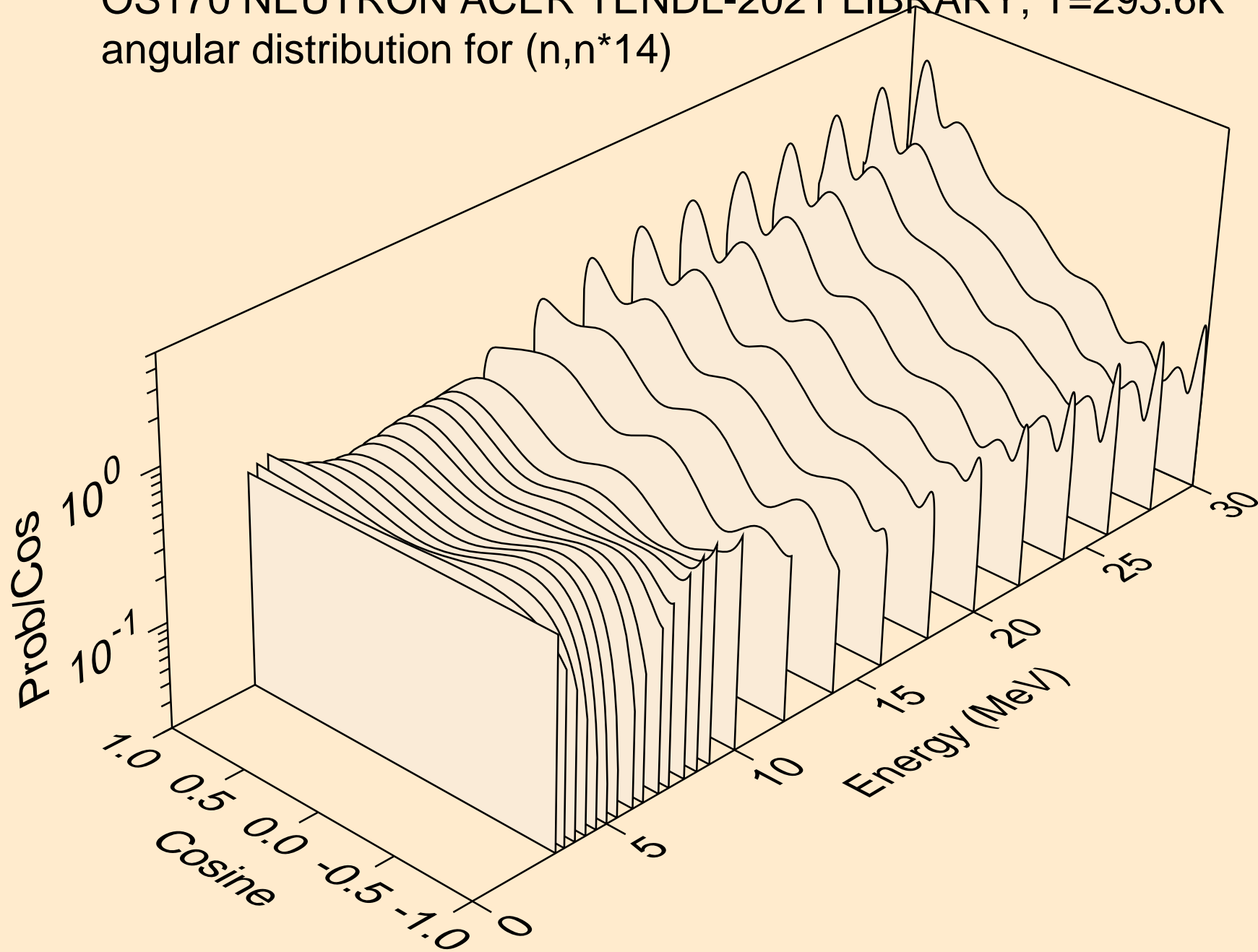
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angular distribution for (n,n\*12)



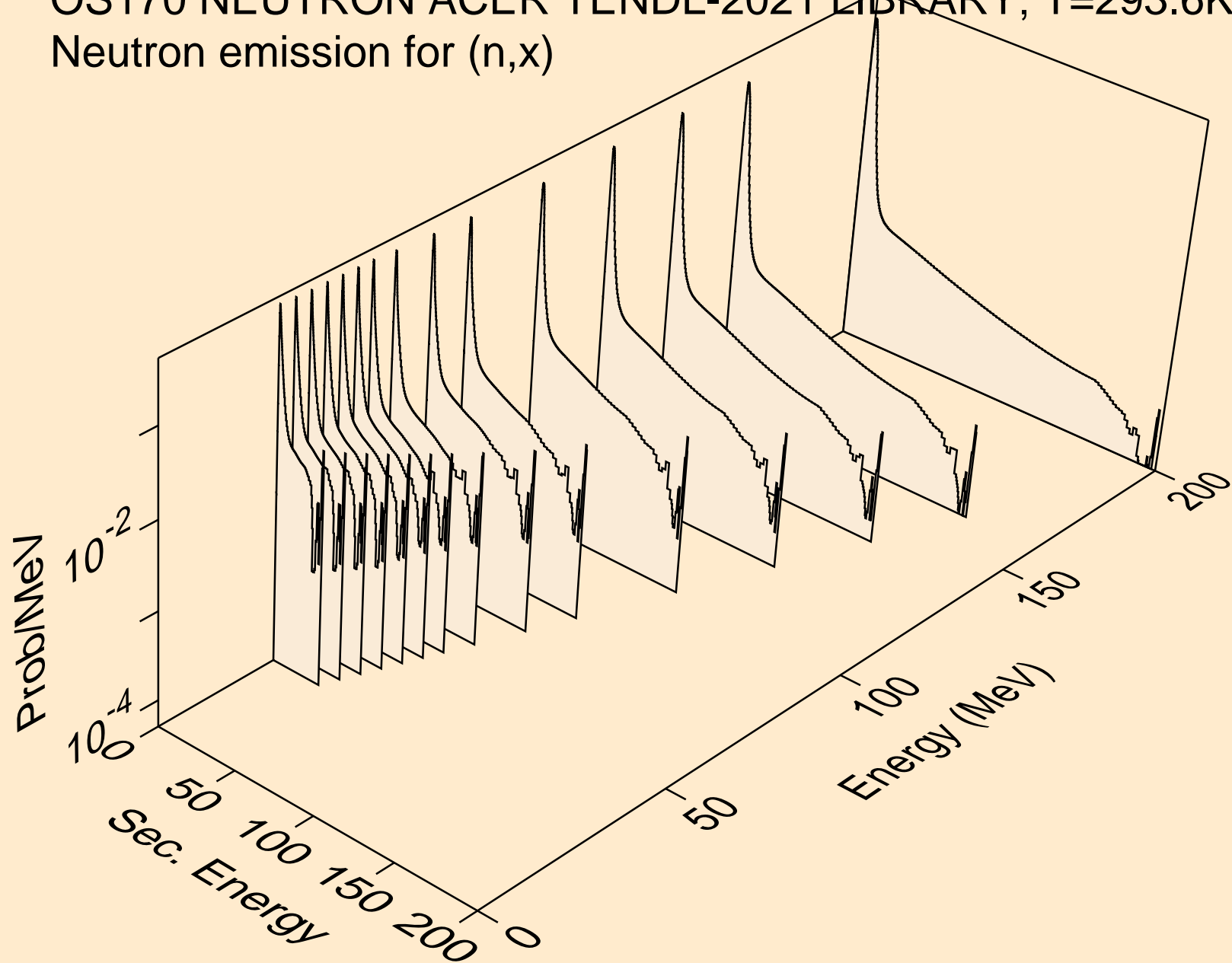
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angular distribution for (n,n\*13)



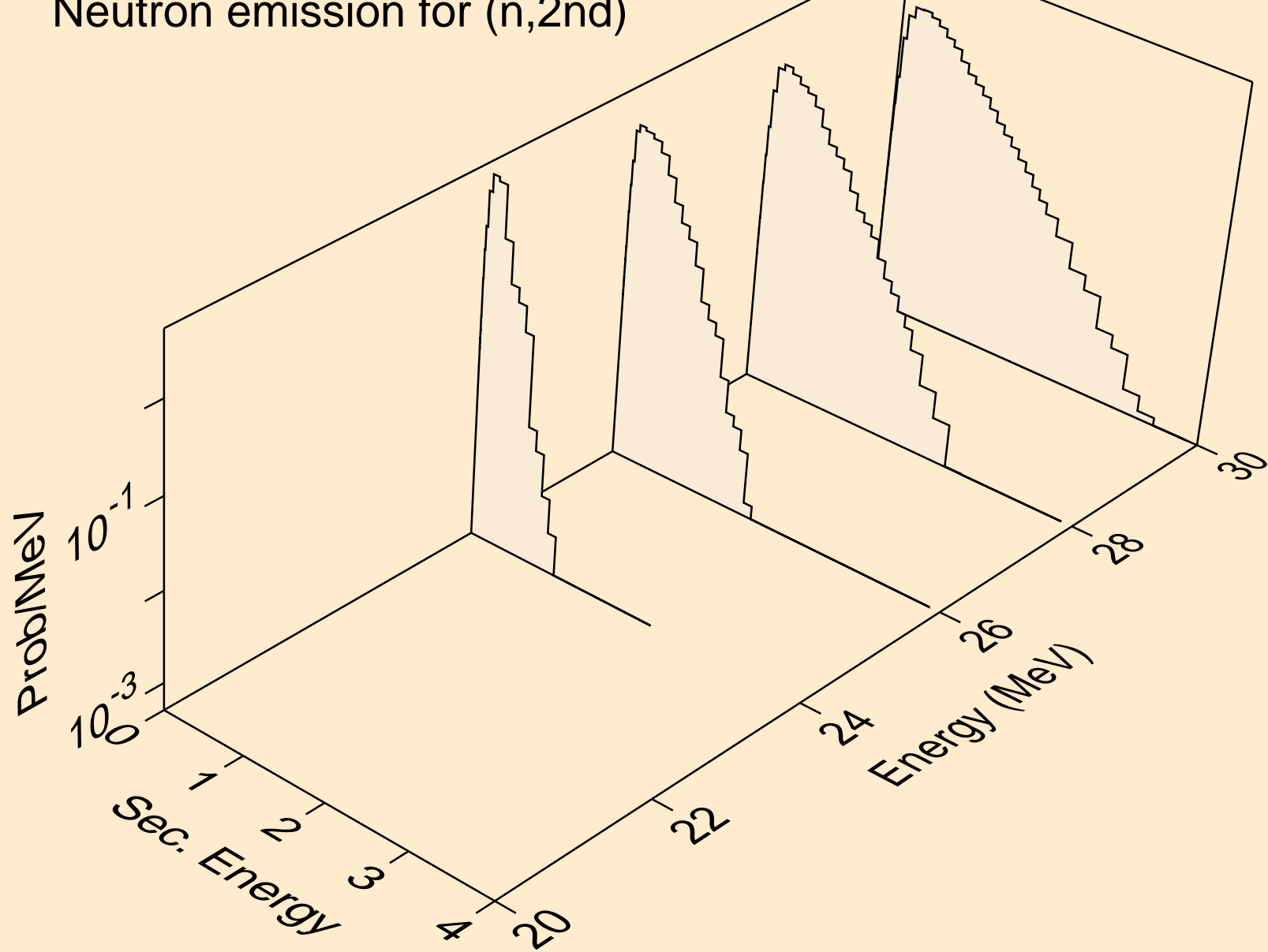
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angular distribution for (n,n\*14)



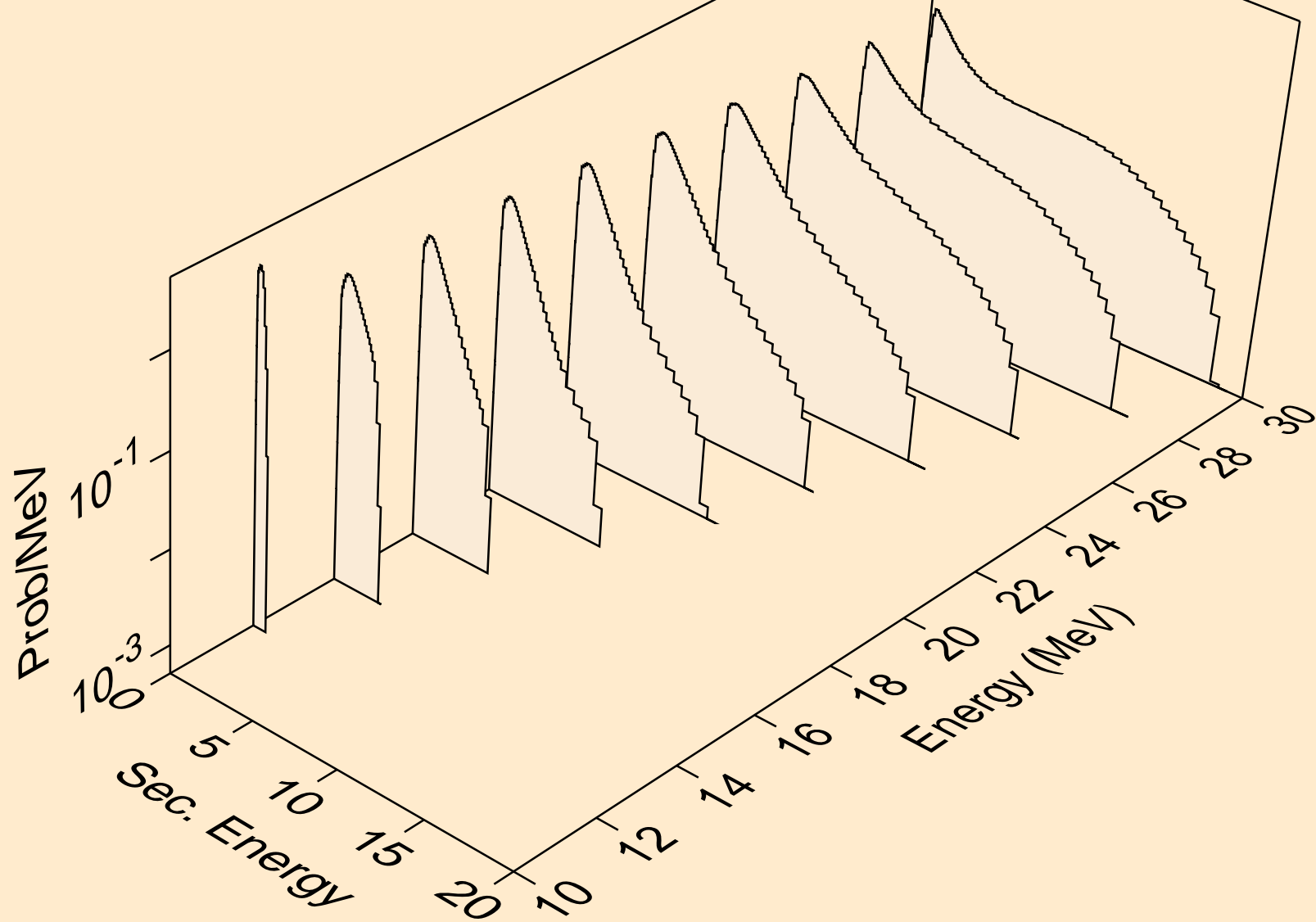
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



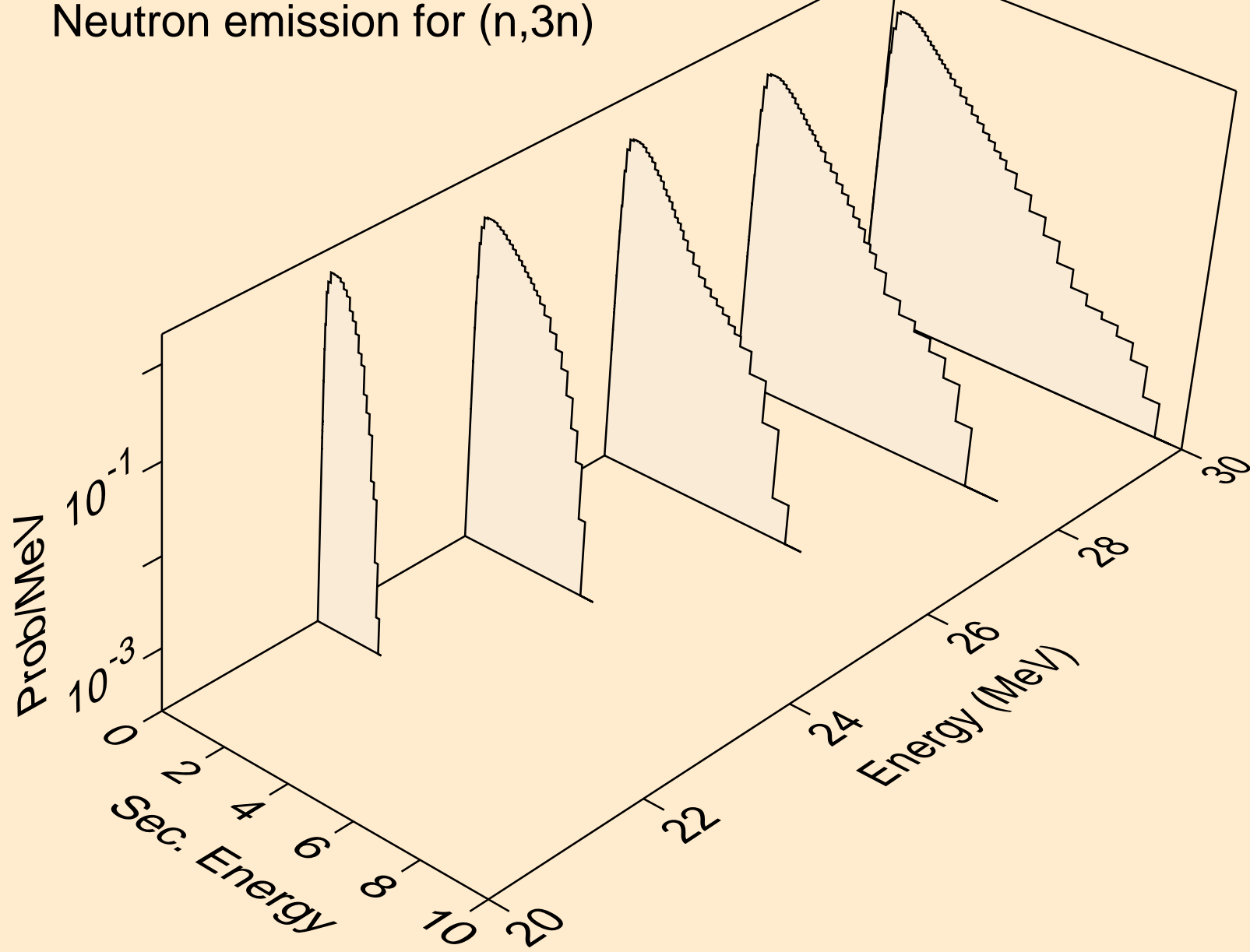
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

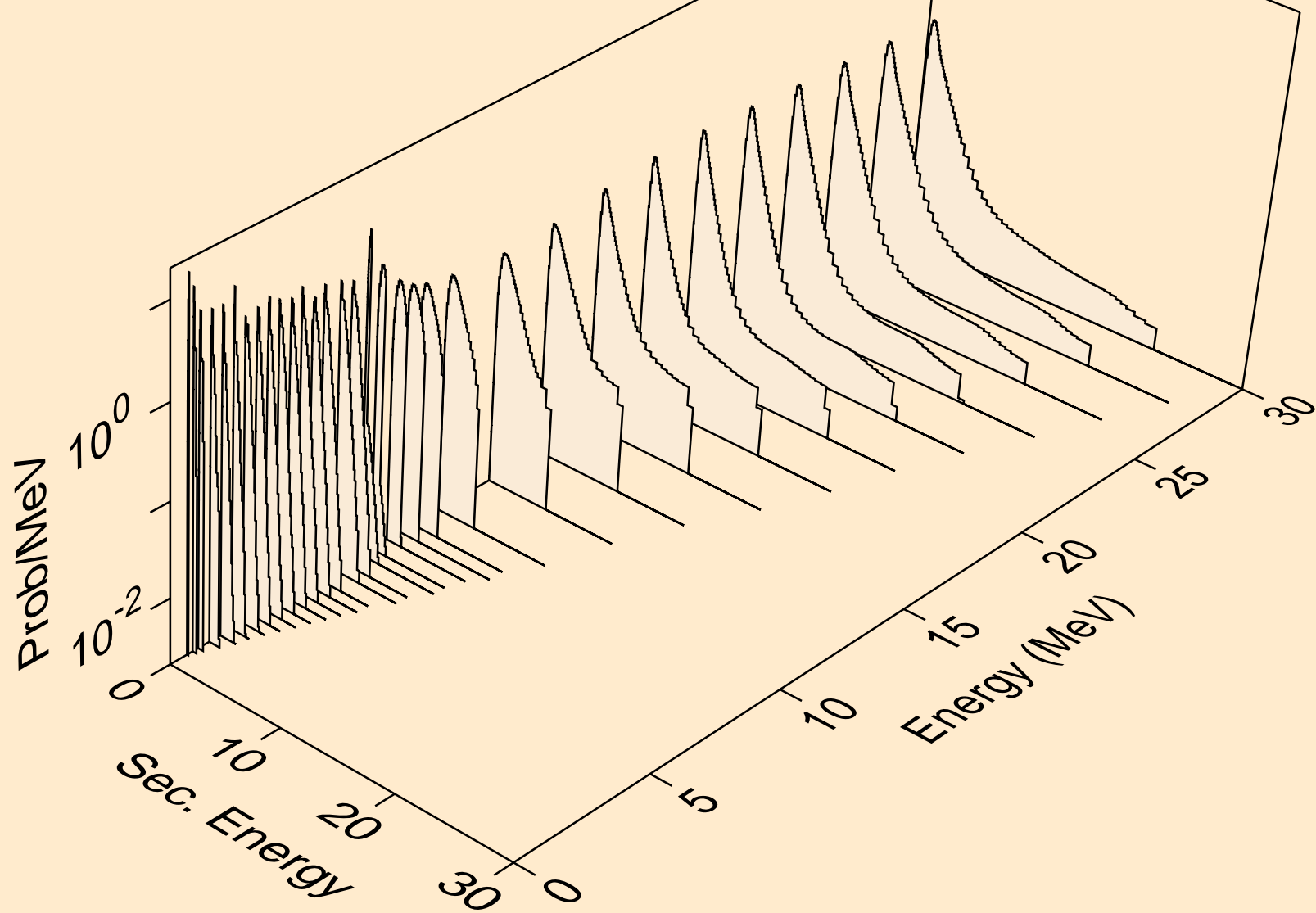


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

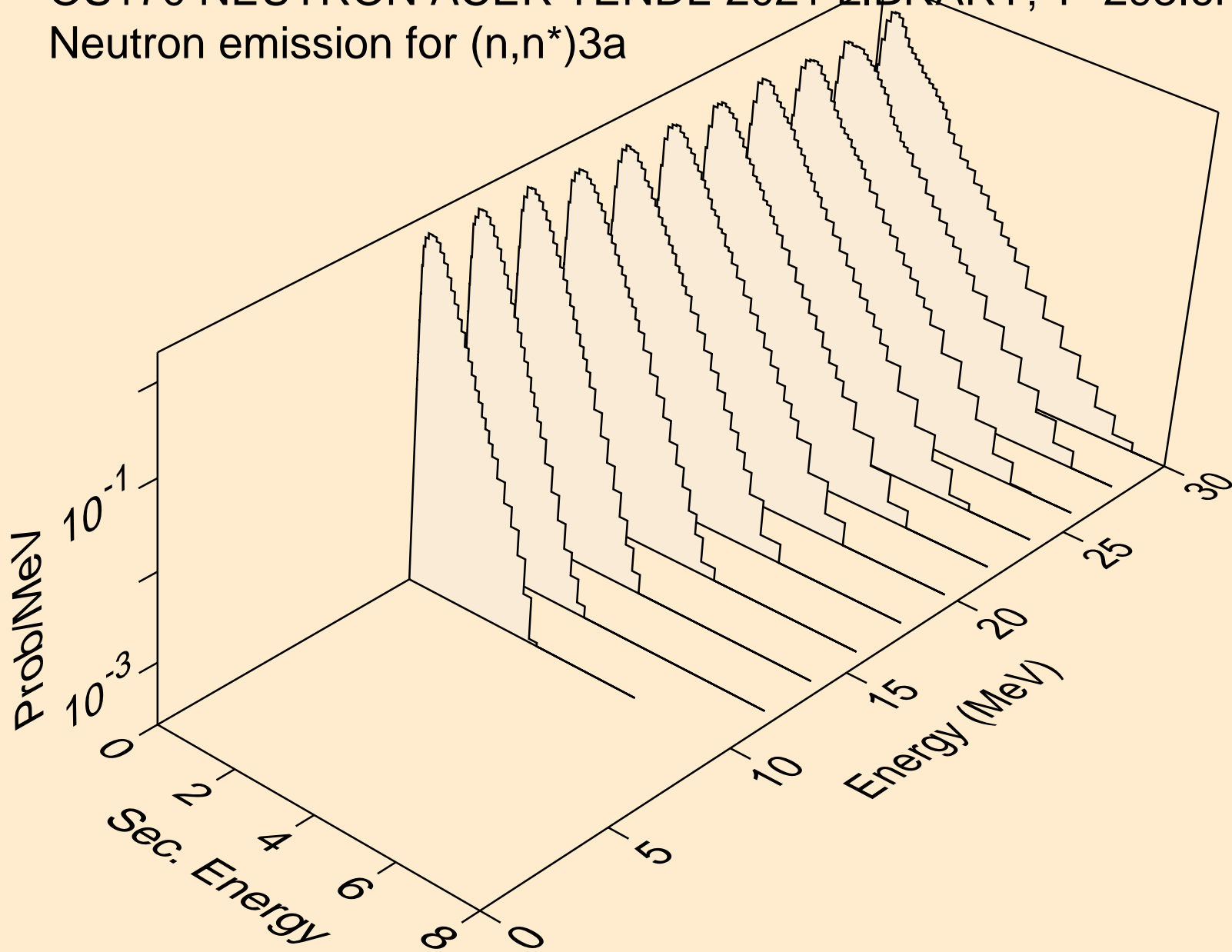




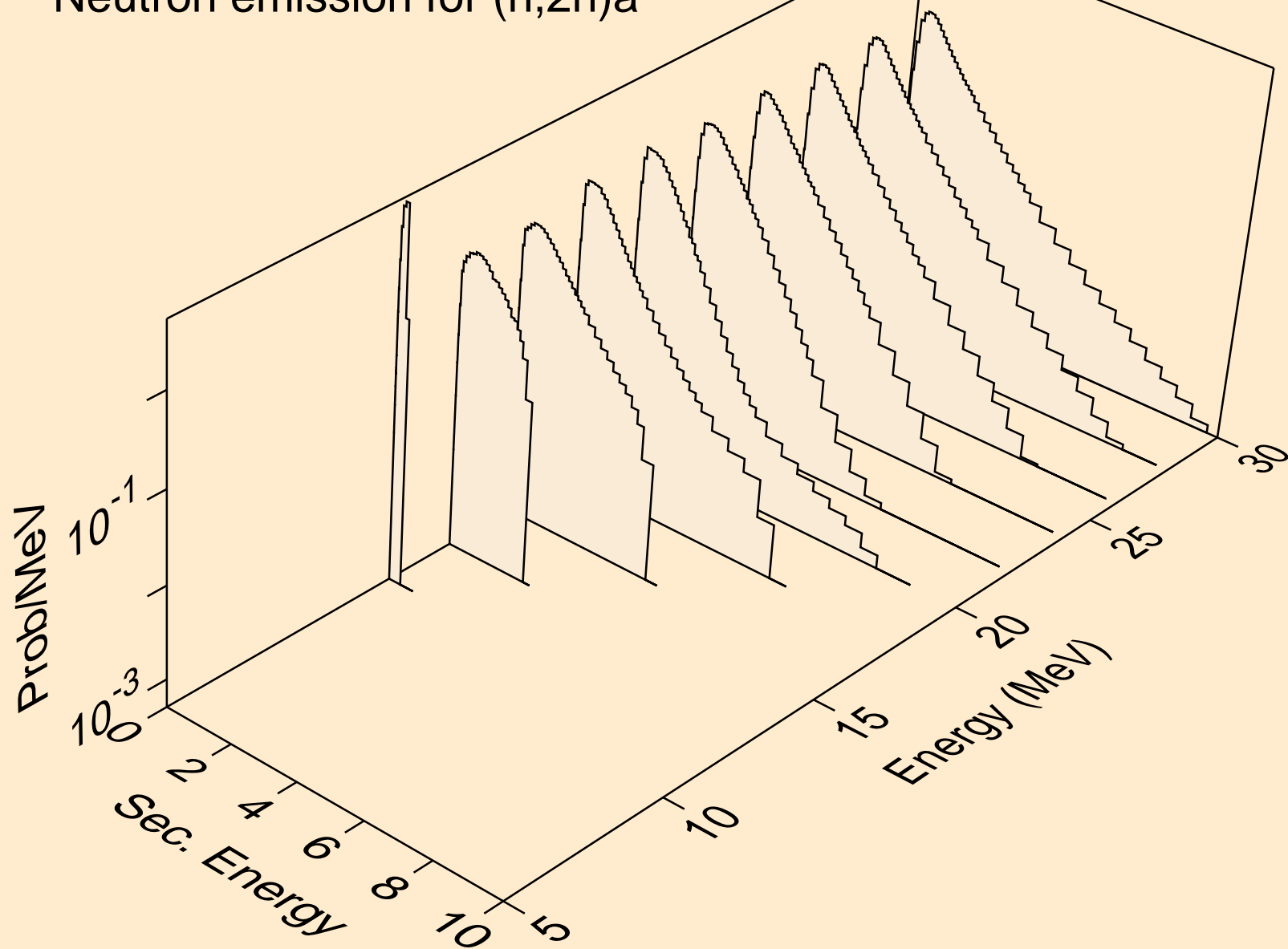
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



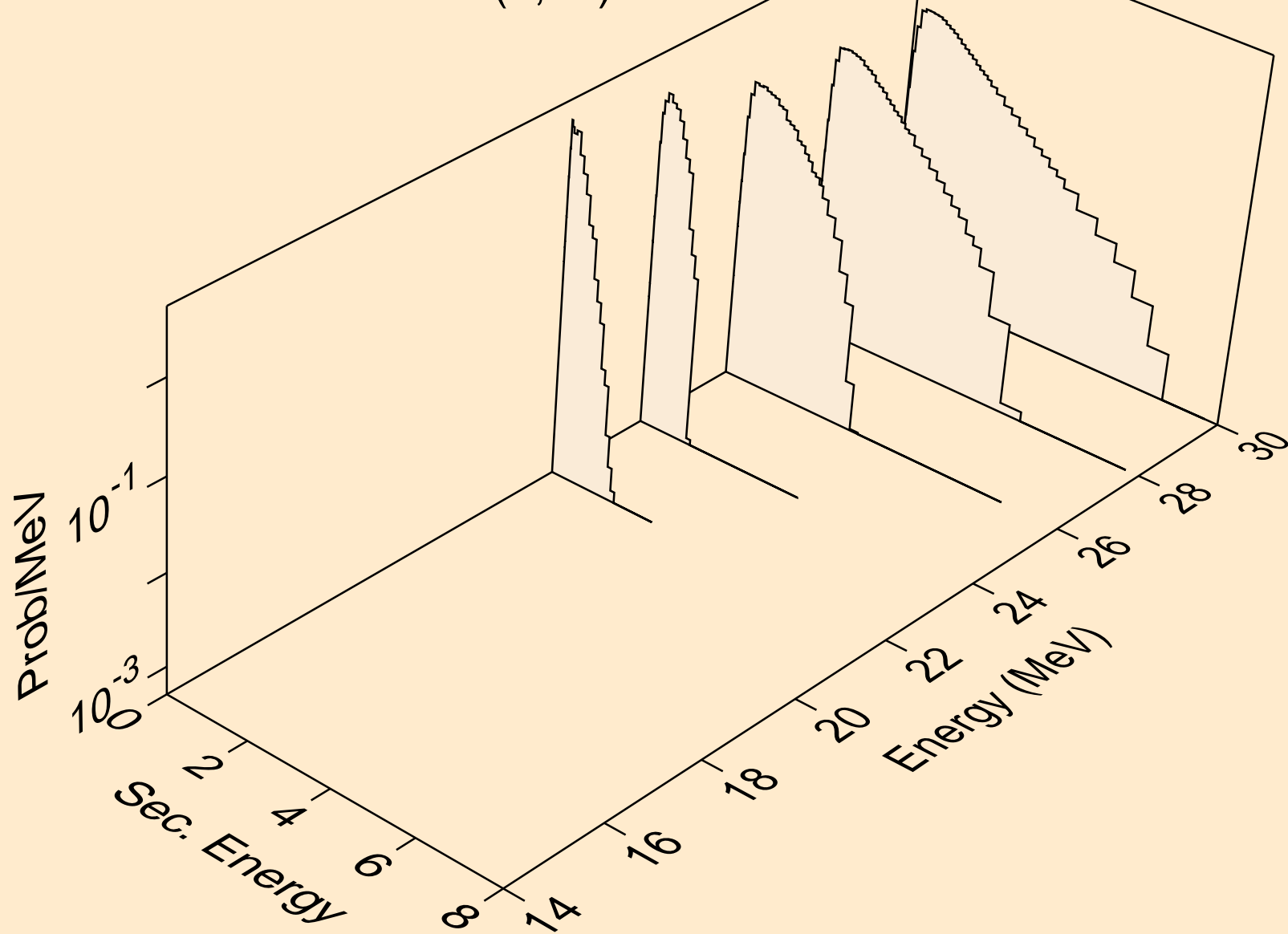
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)3a



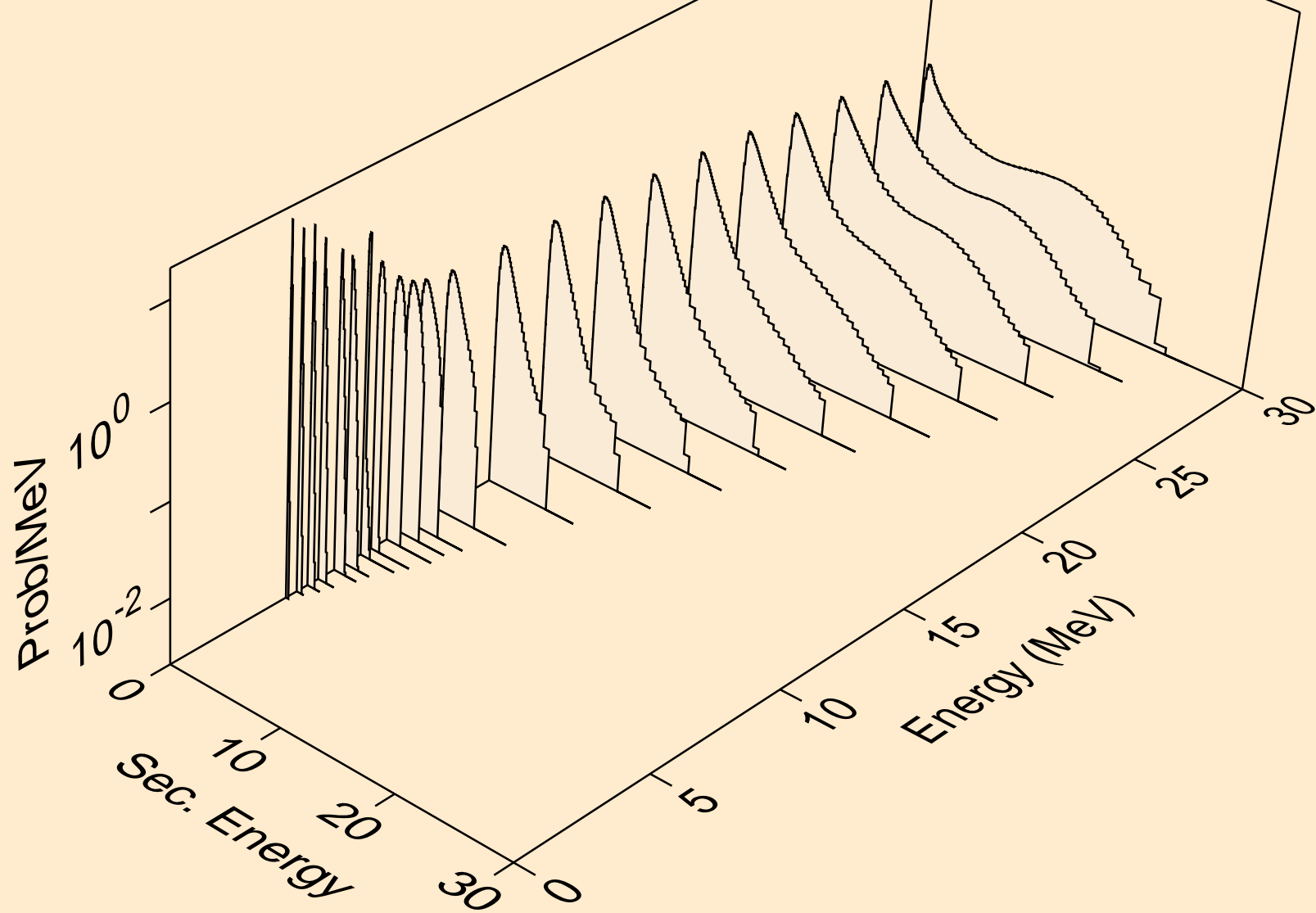
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



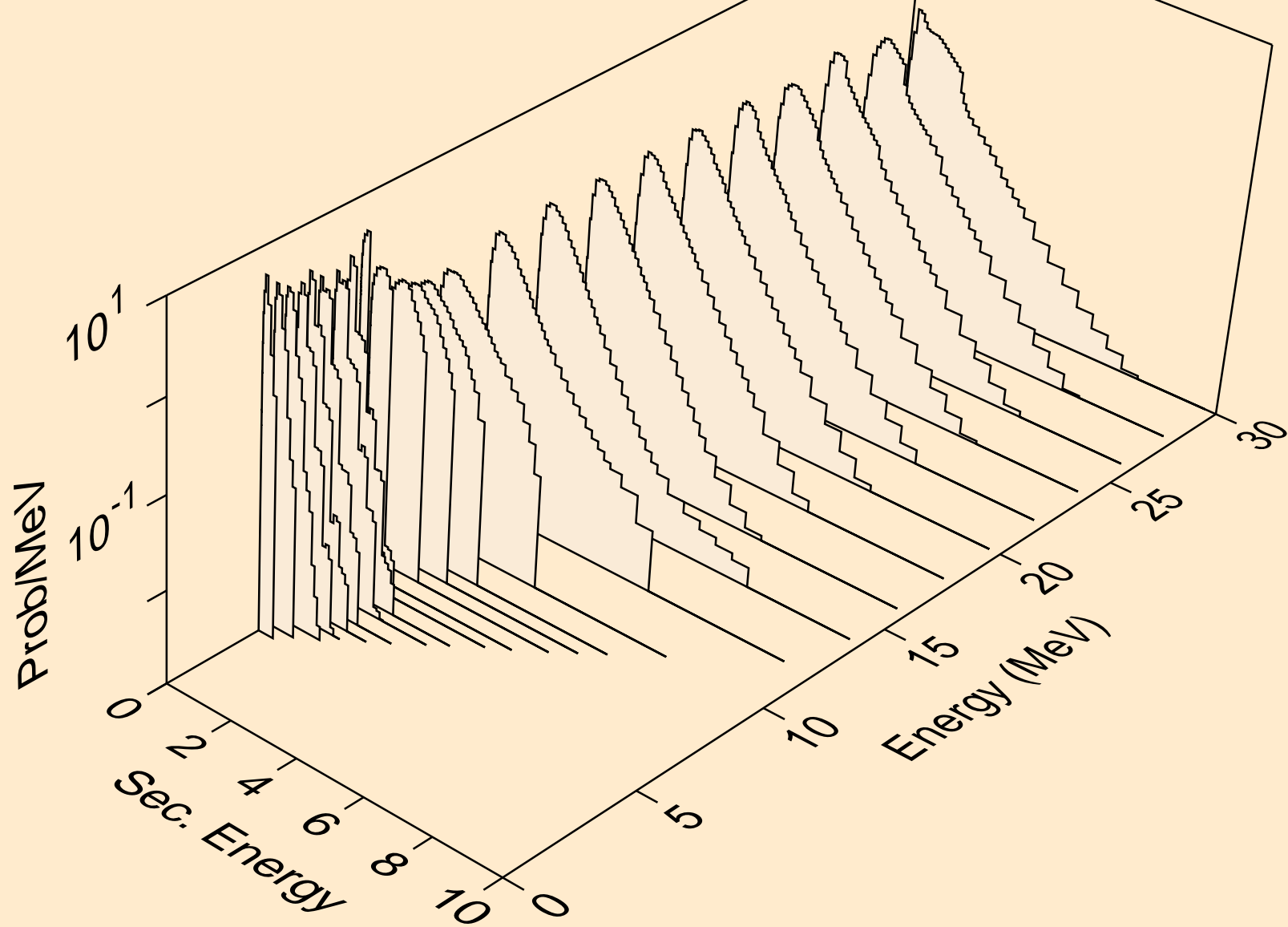
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



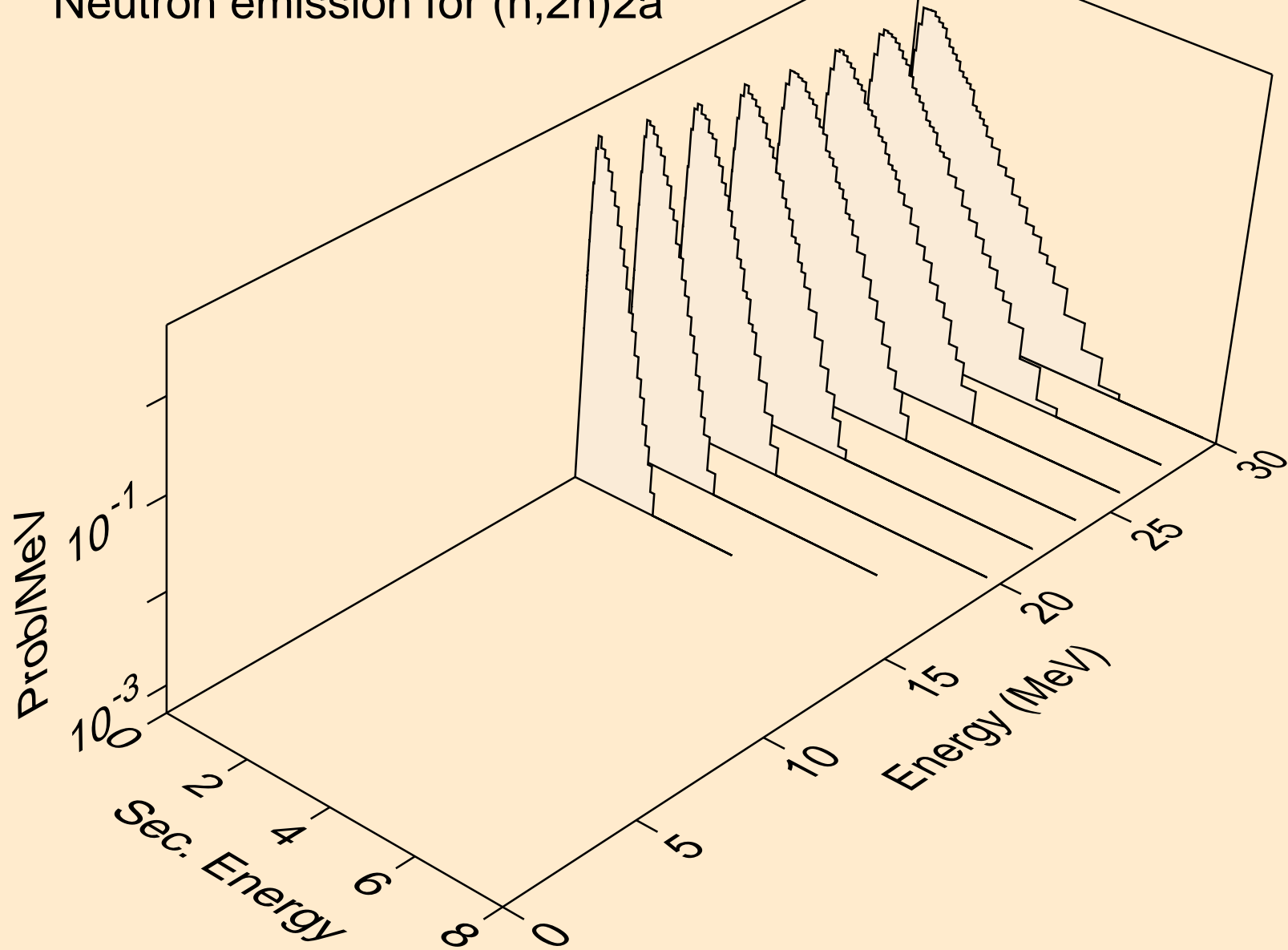
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



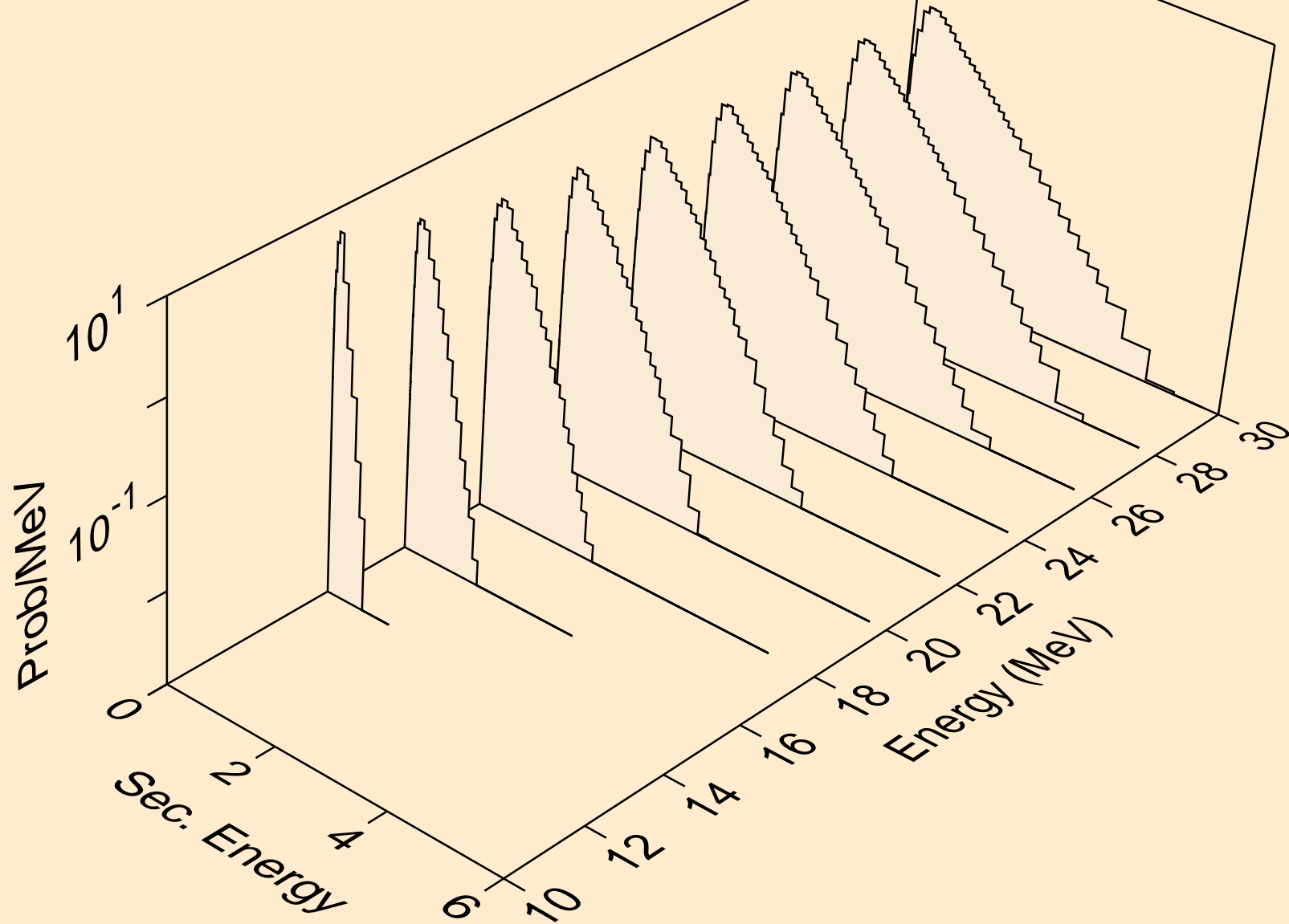
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

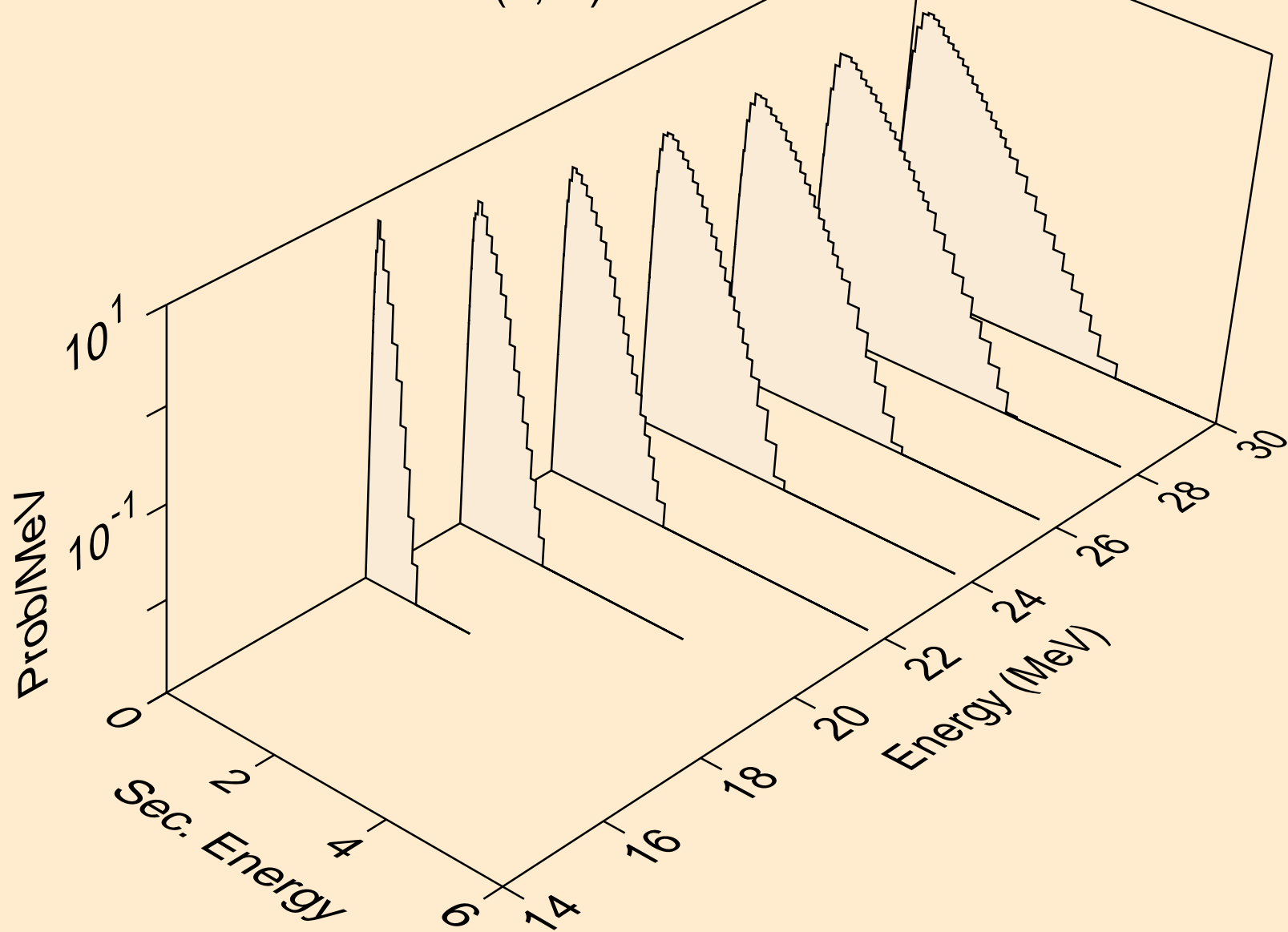


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

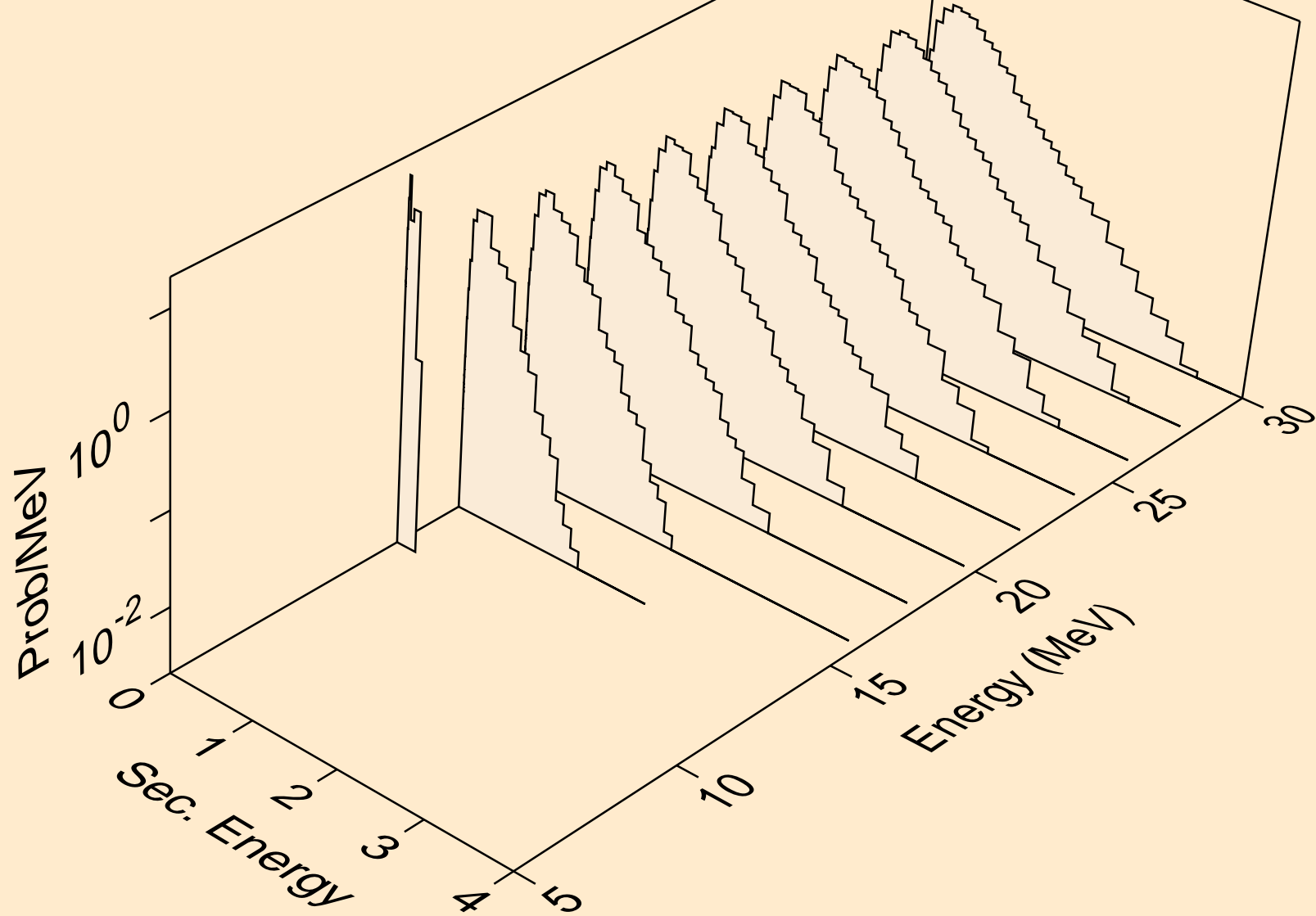




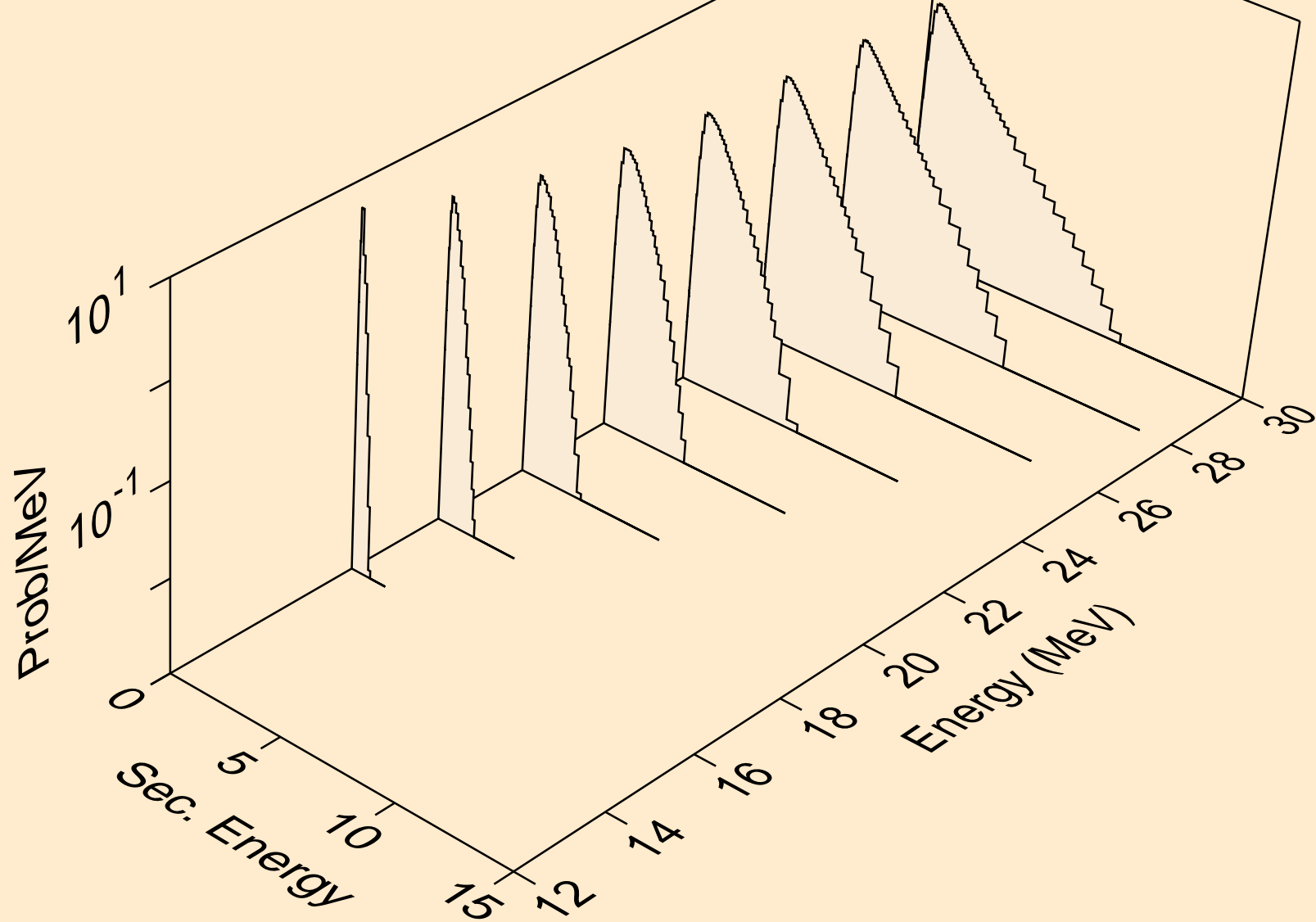
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



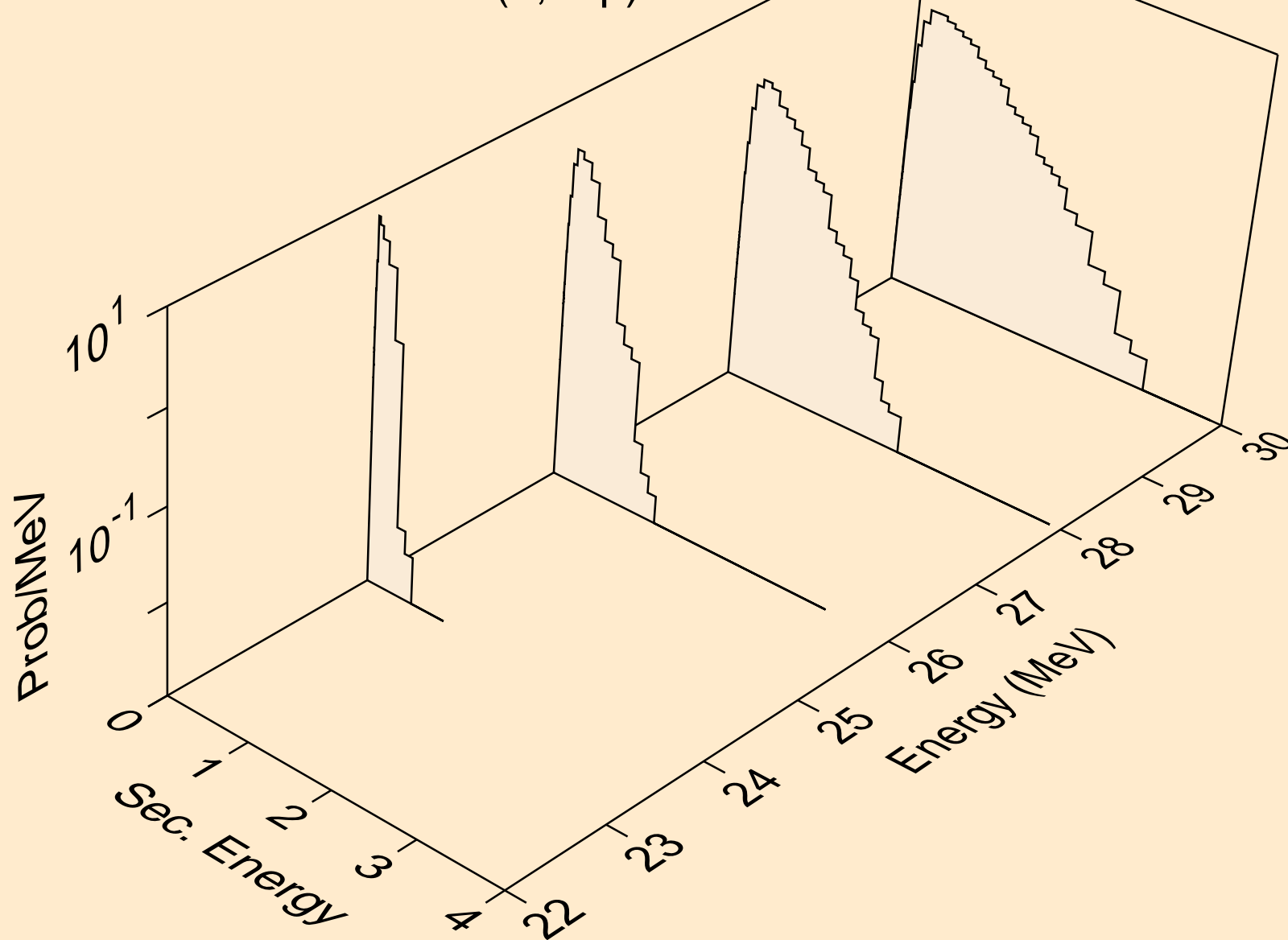
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



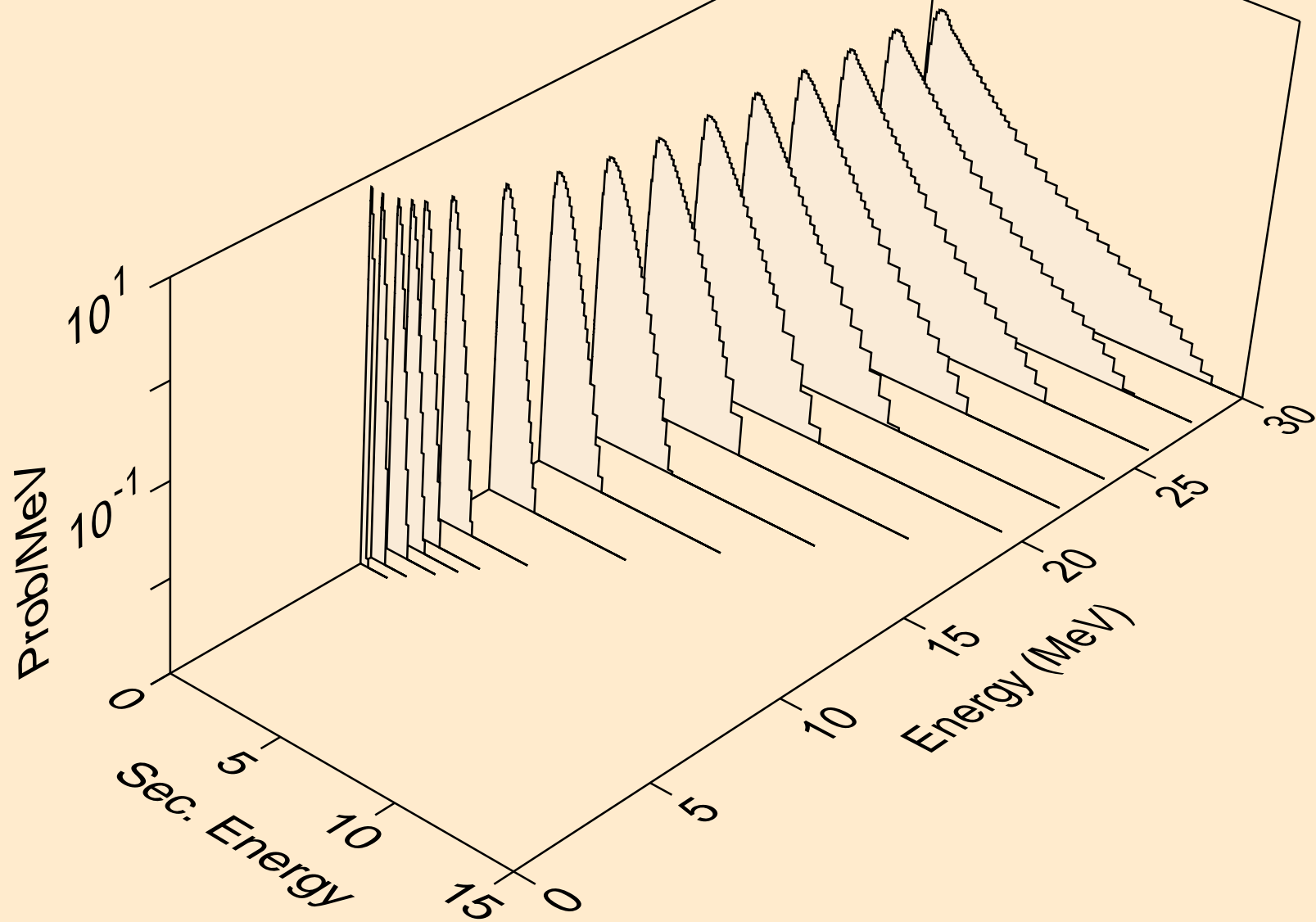
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



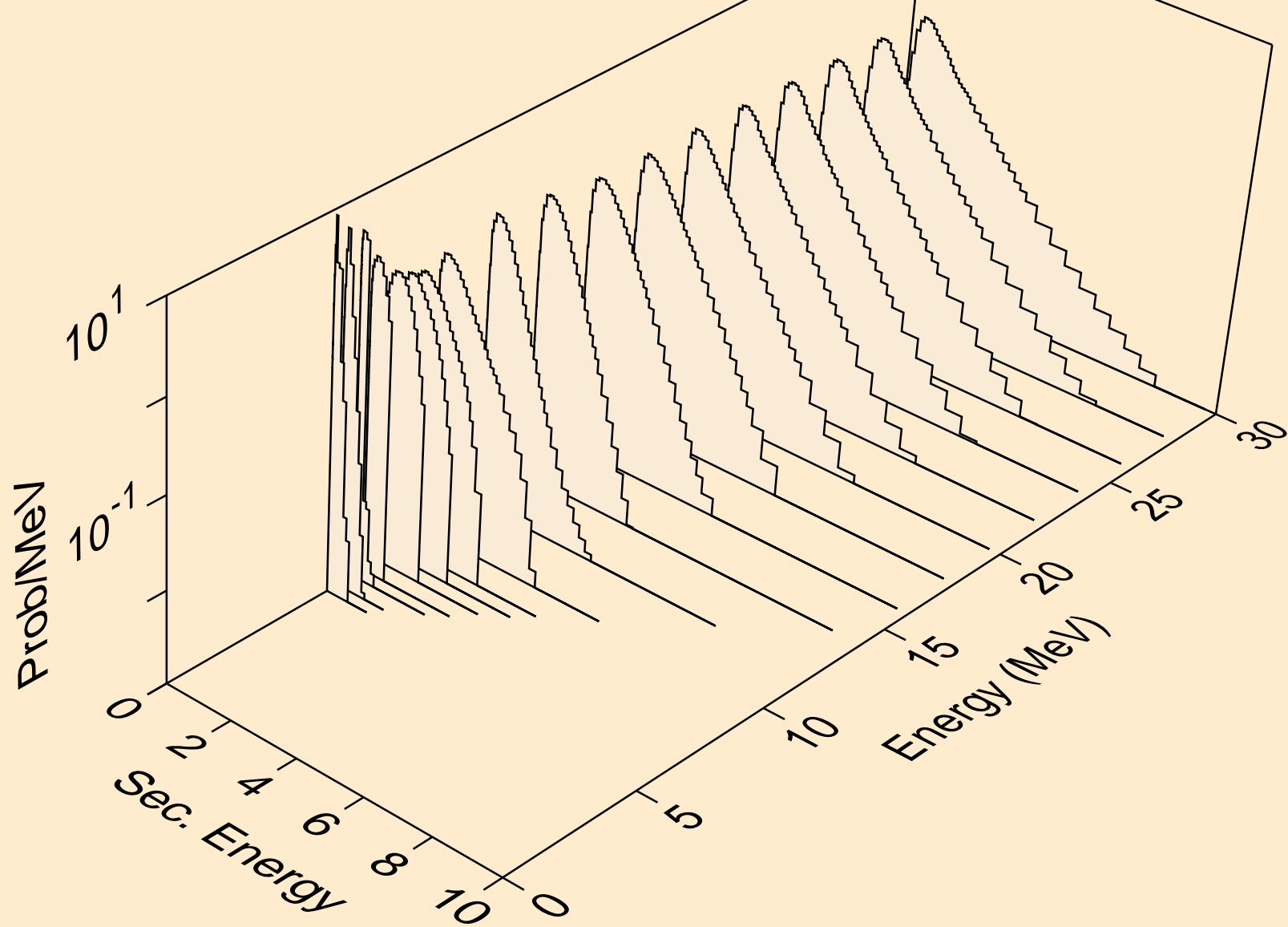
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



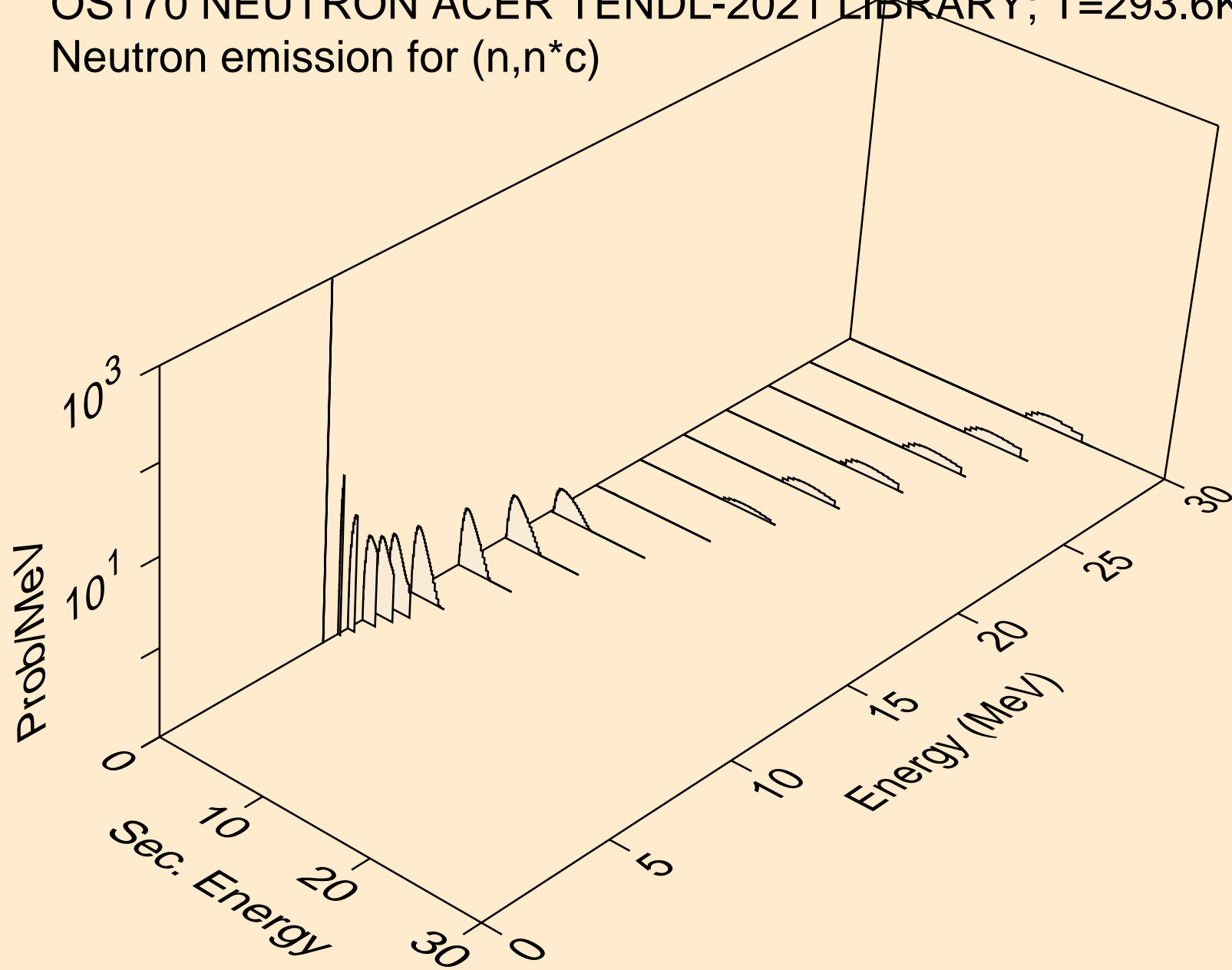
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



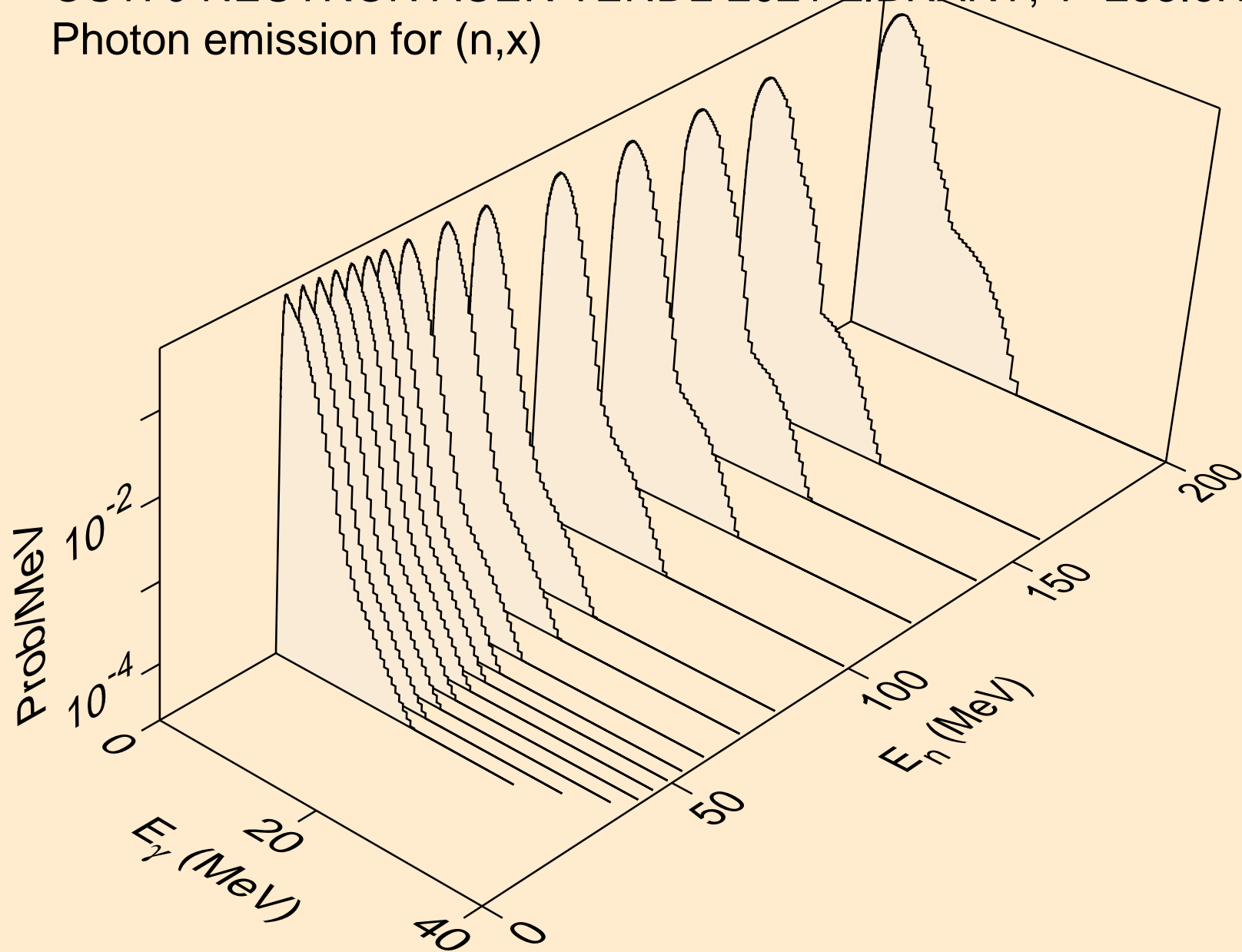
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

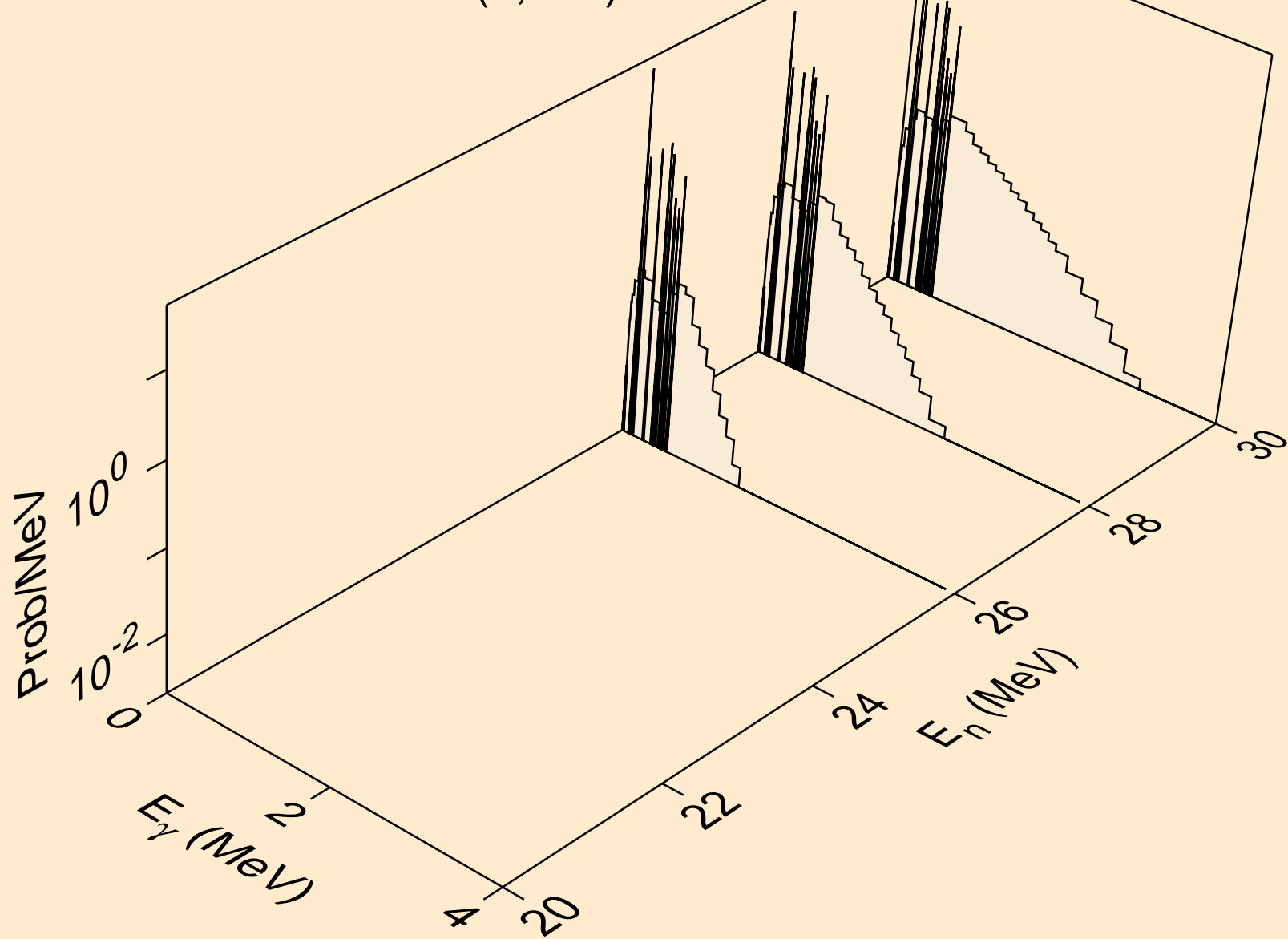


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

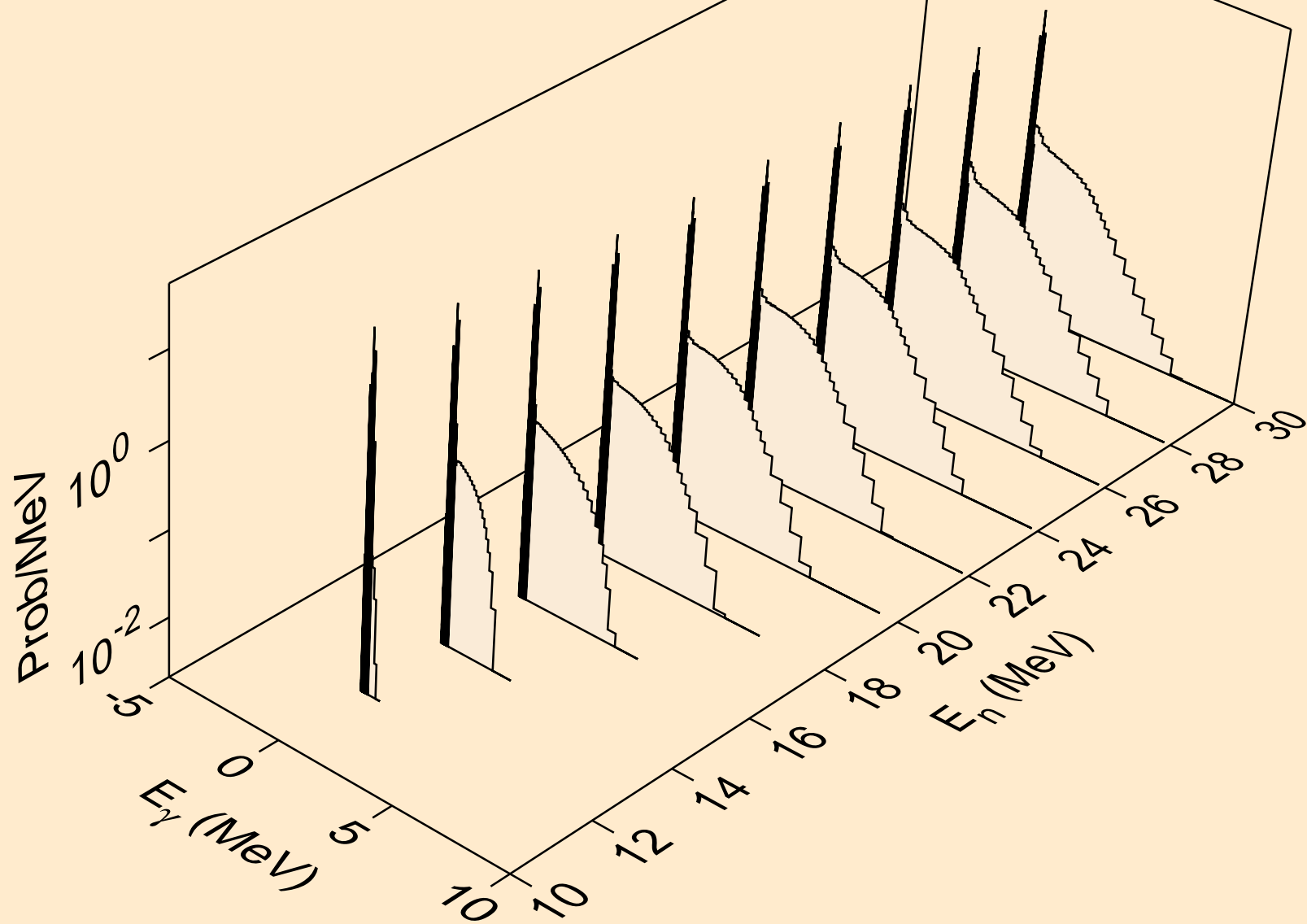




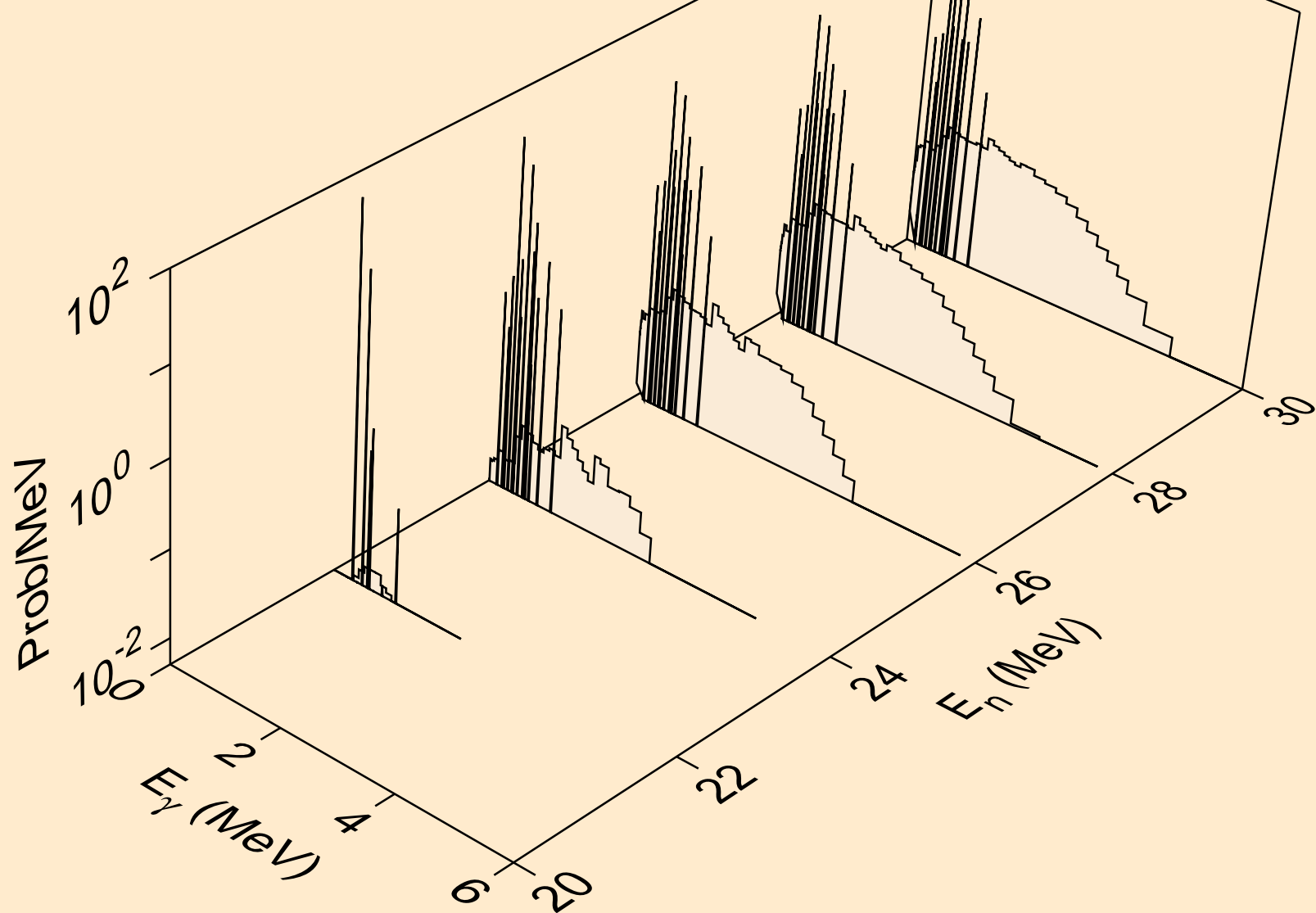
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



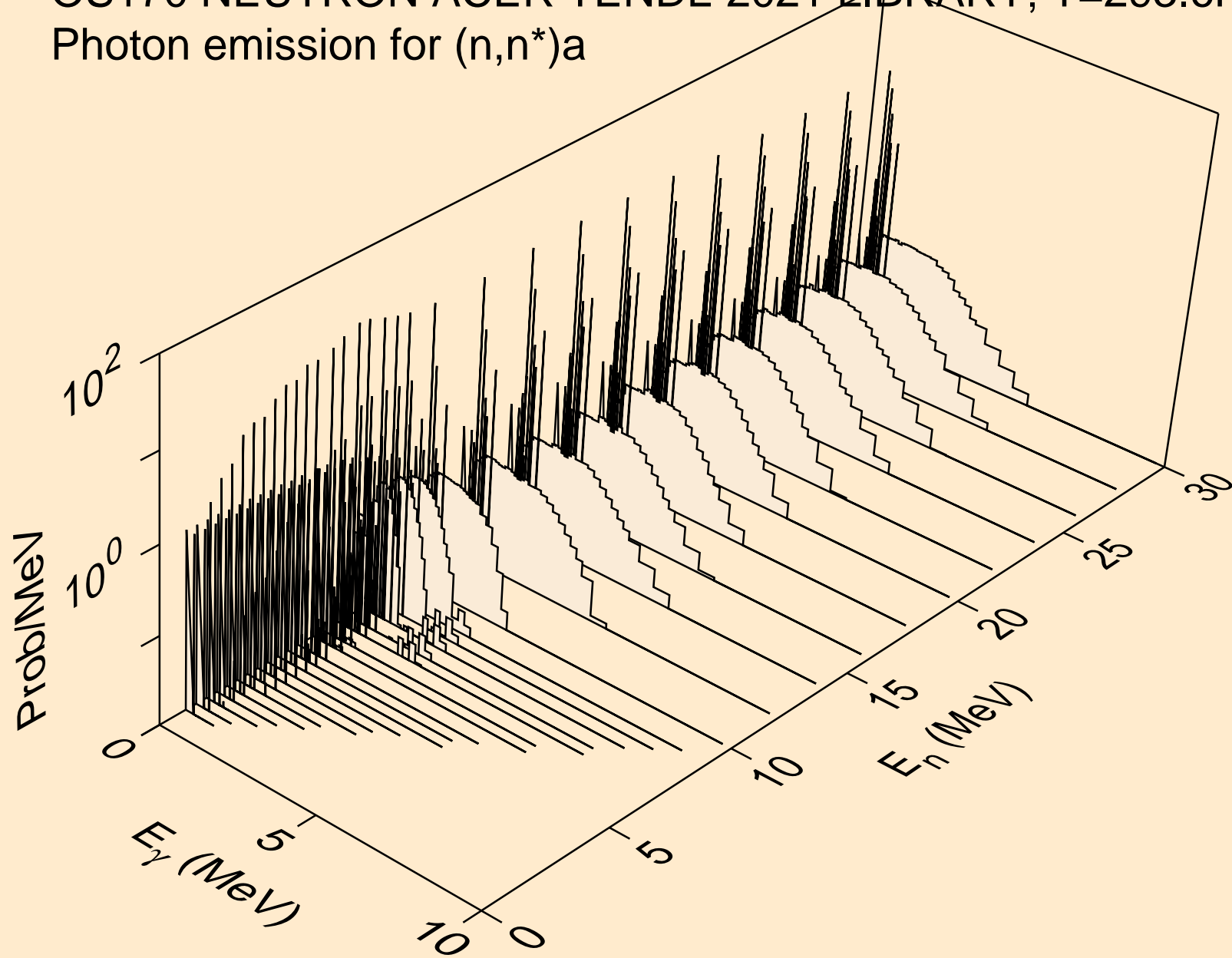
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



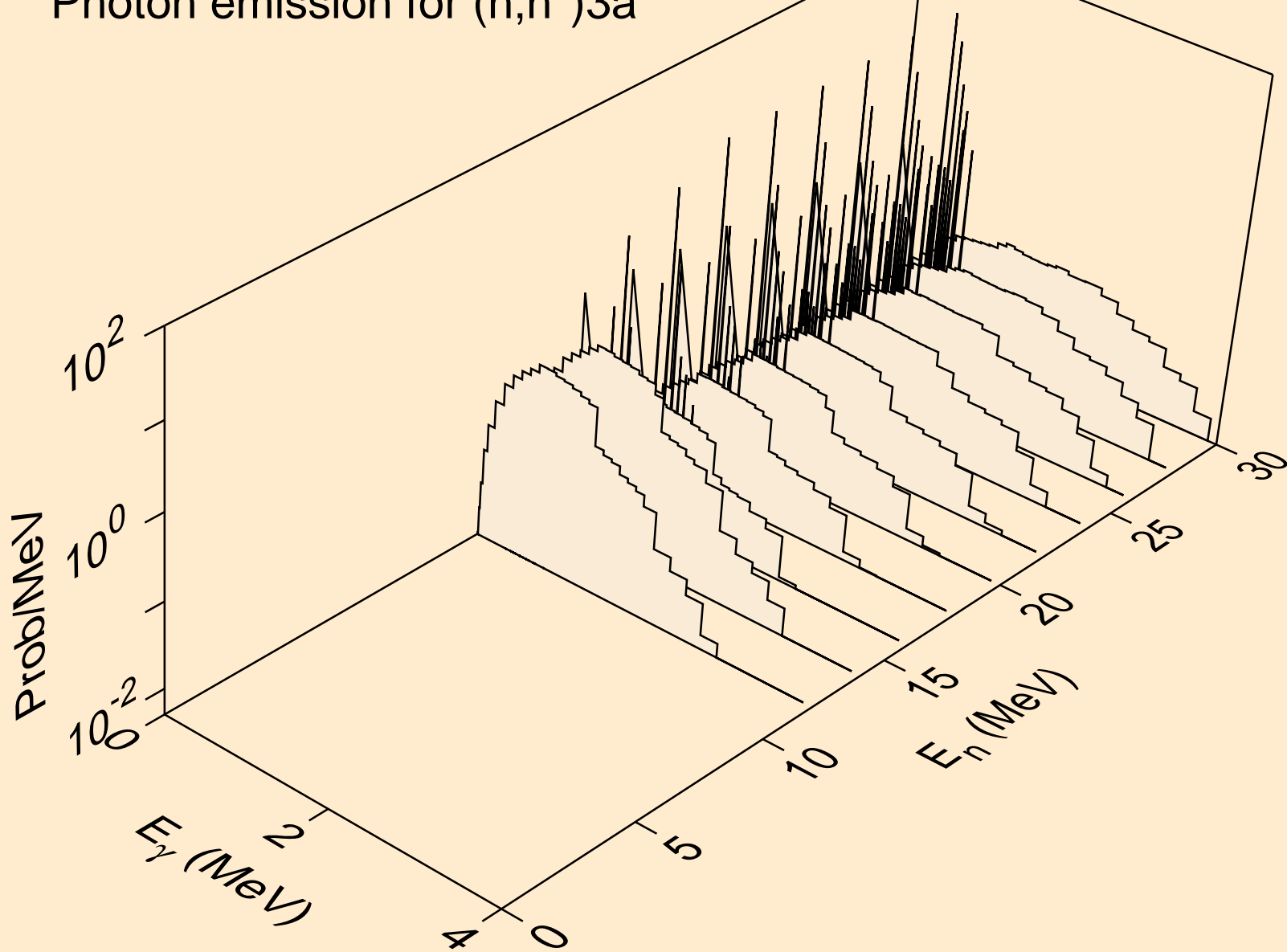
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



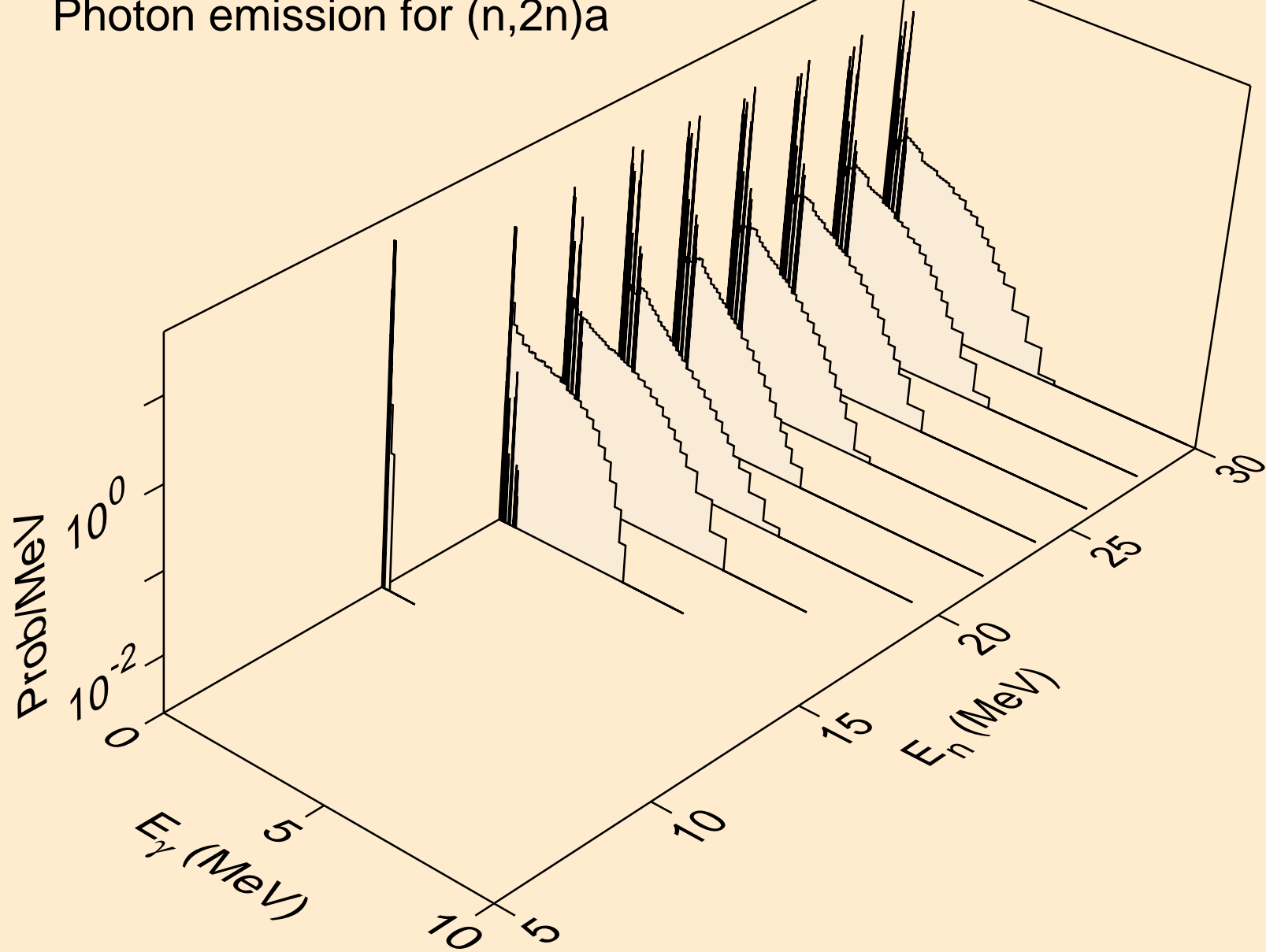
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



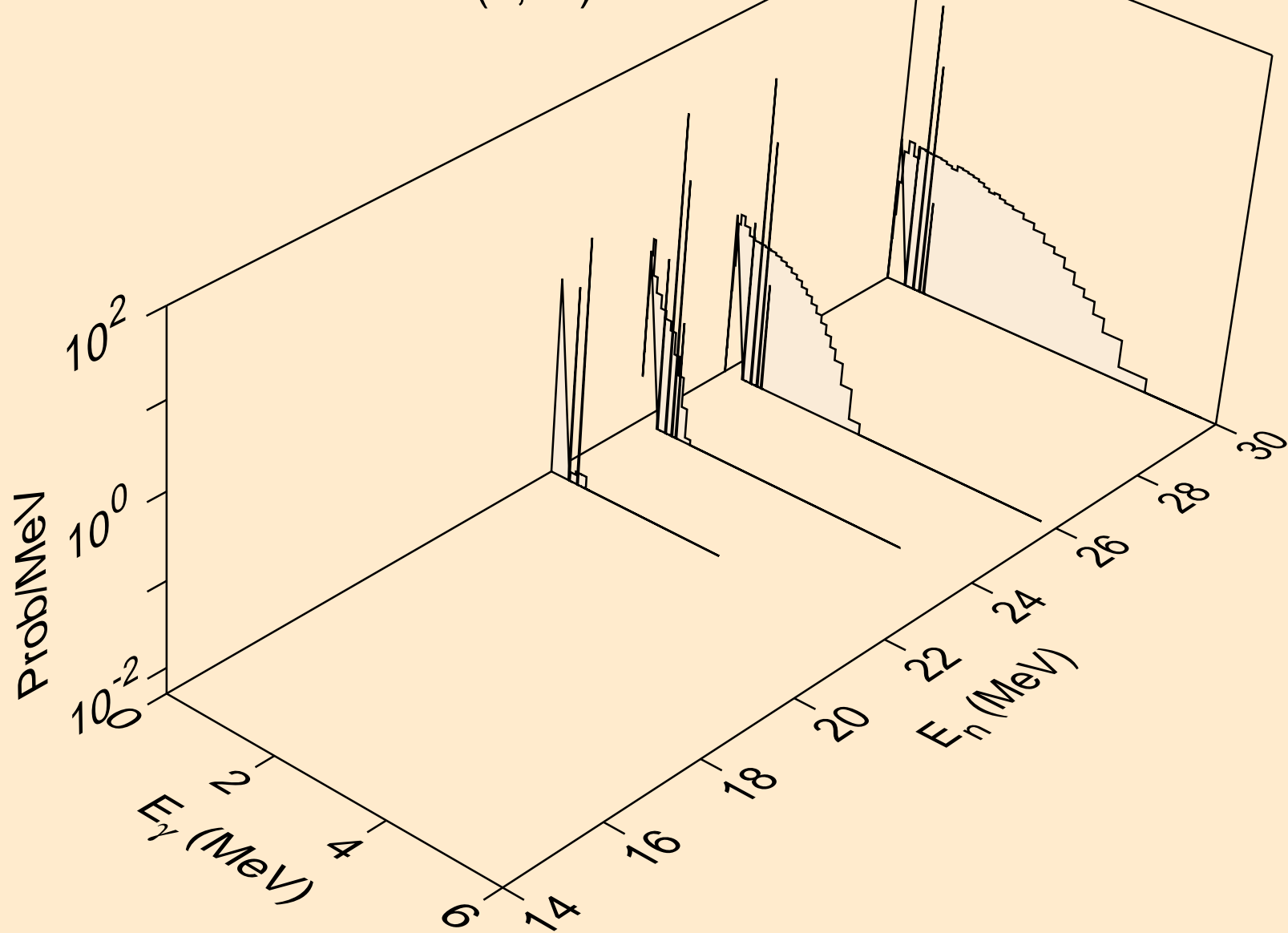
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a



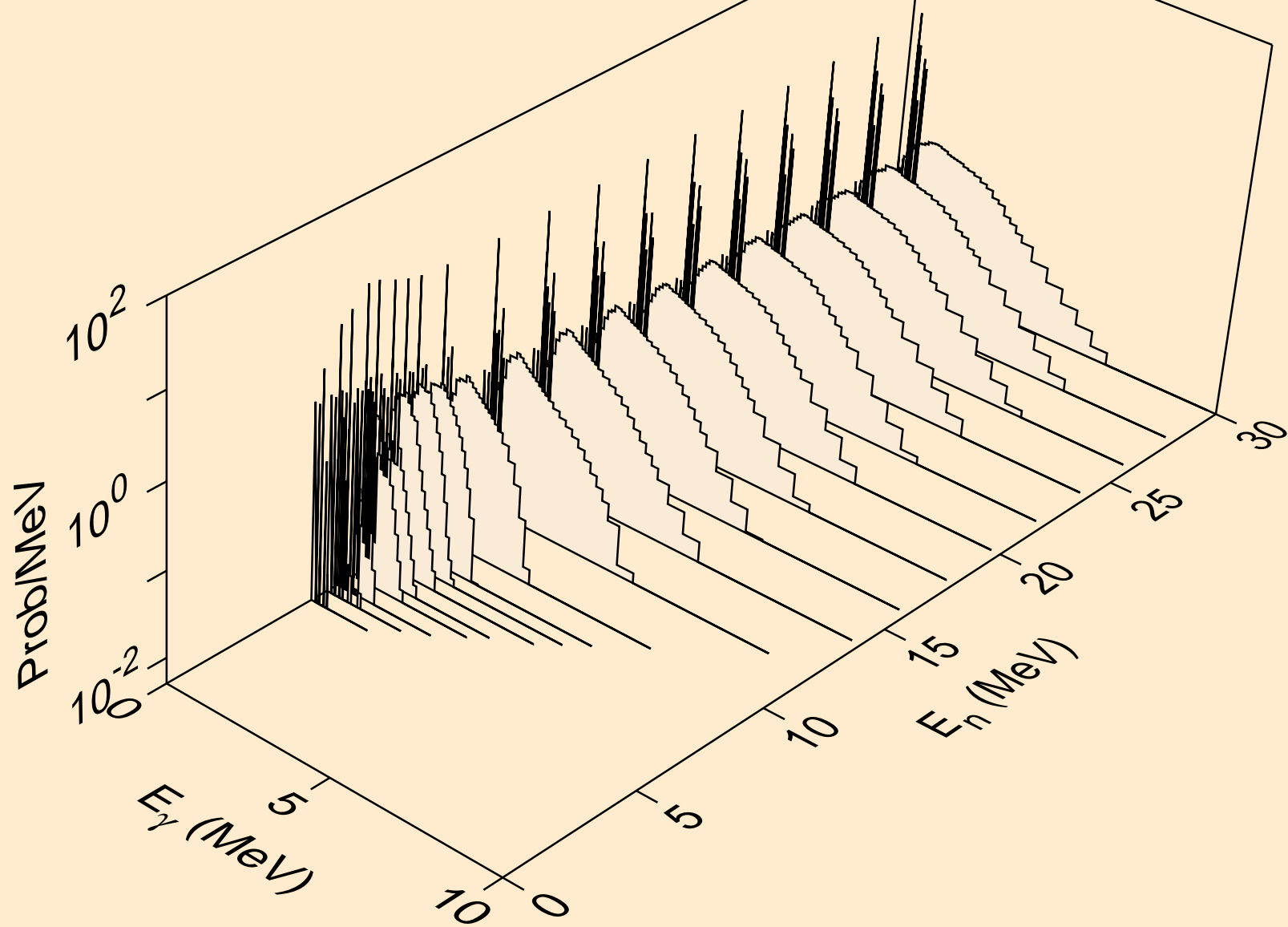
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

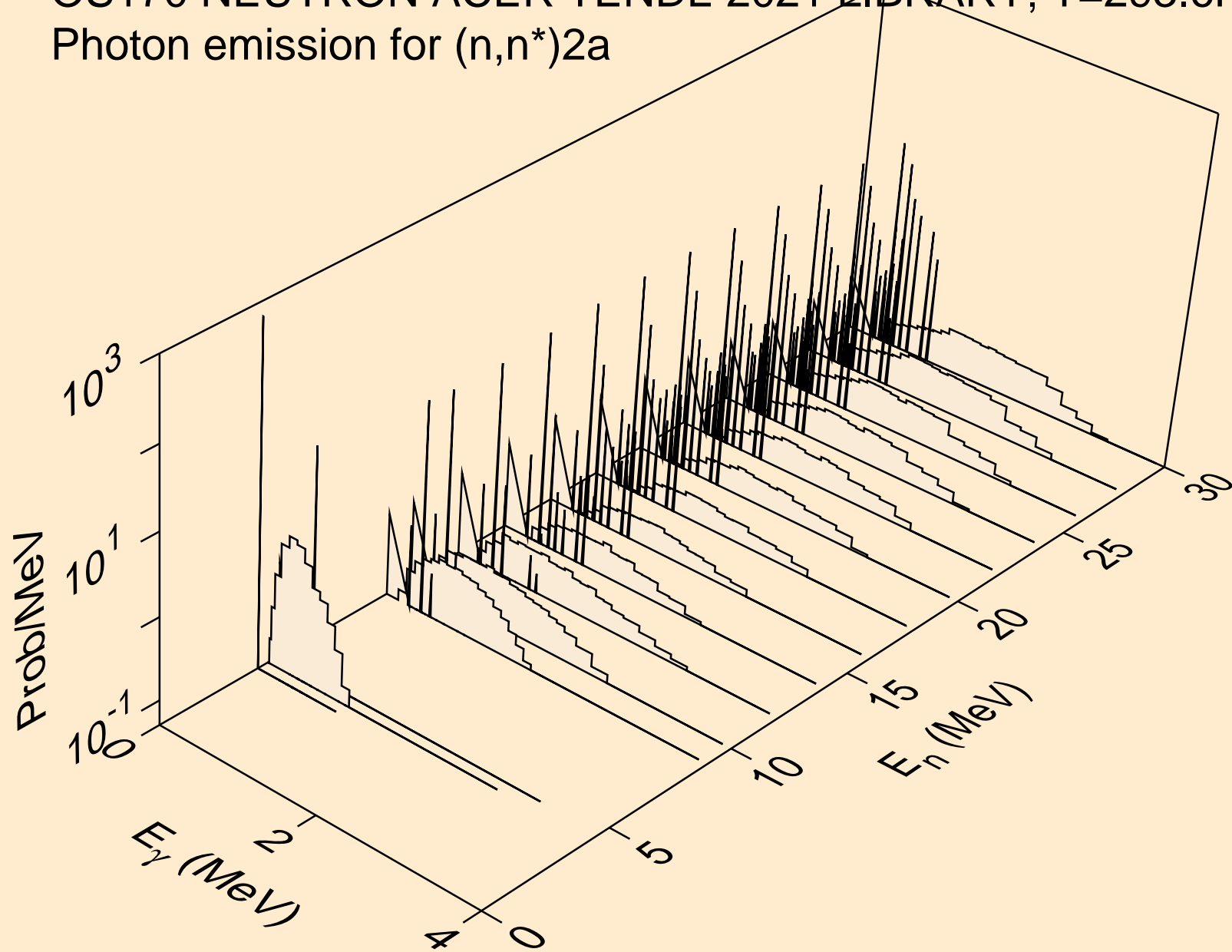


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

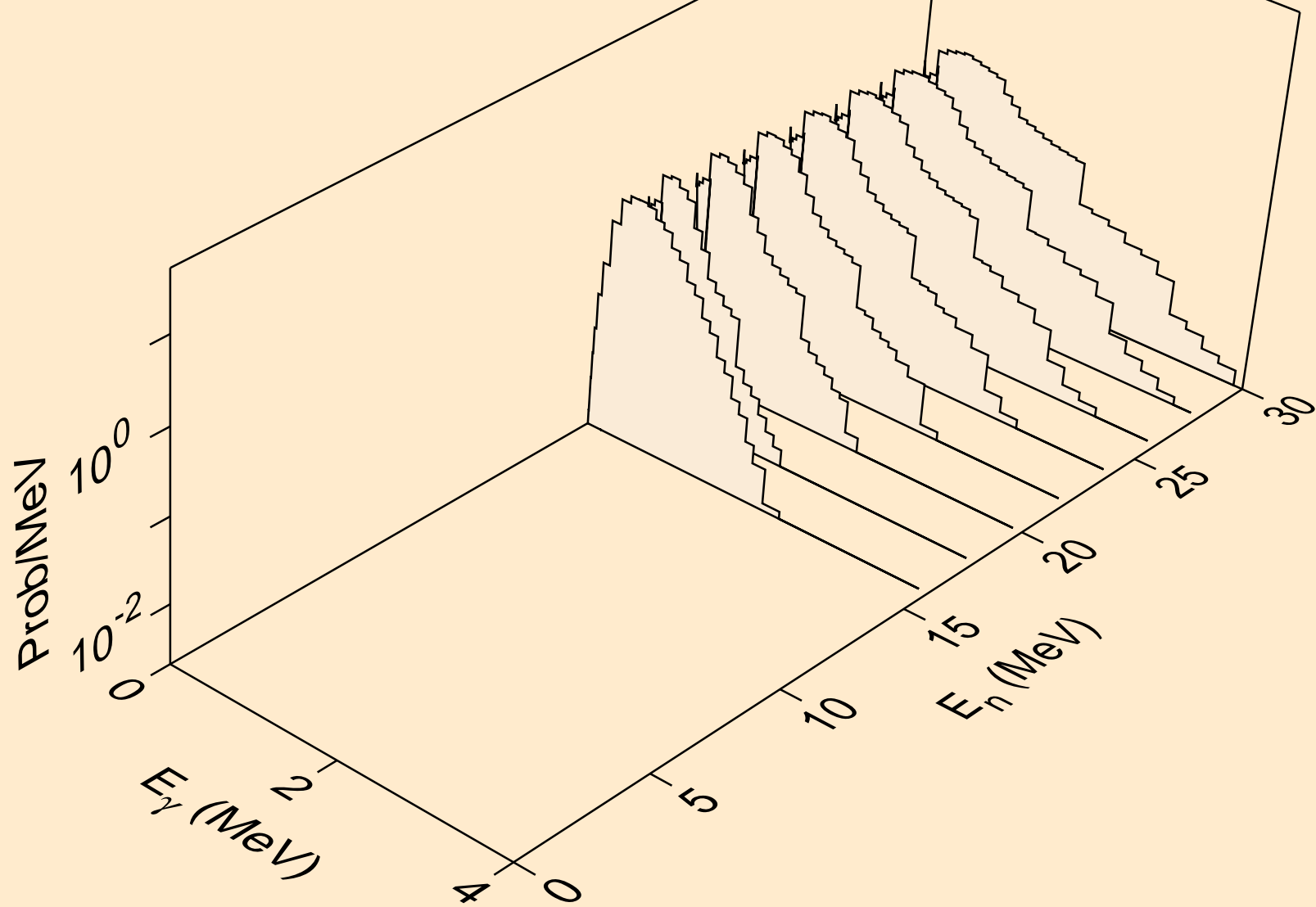




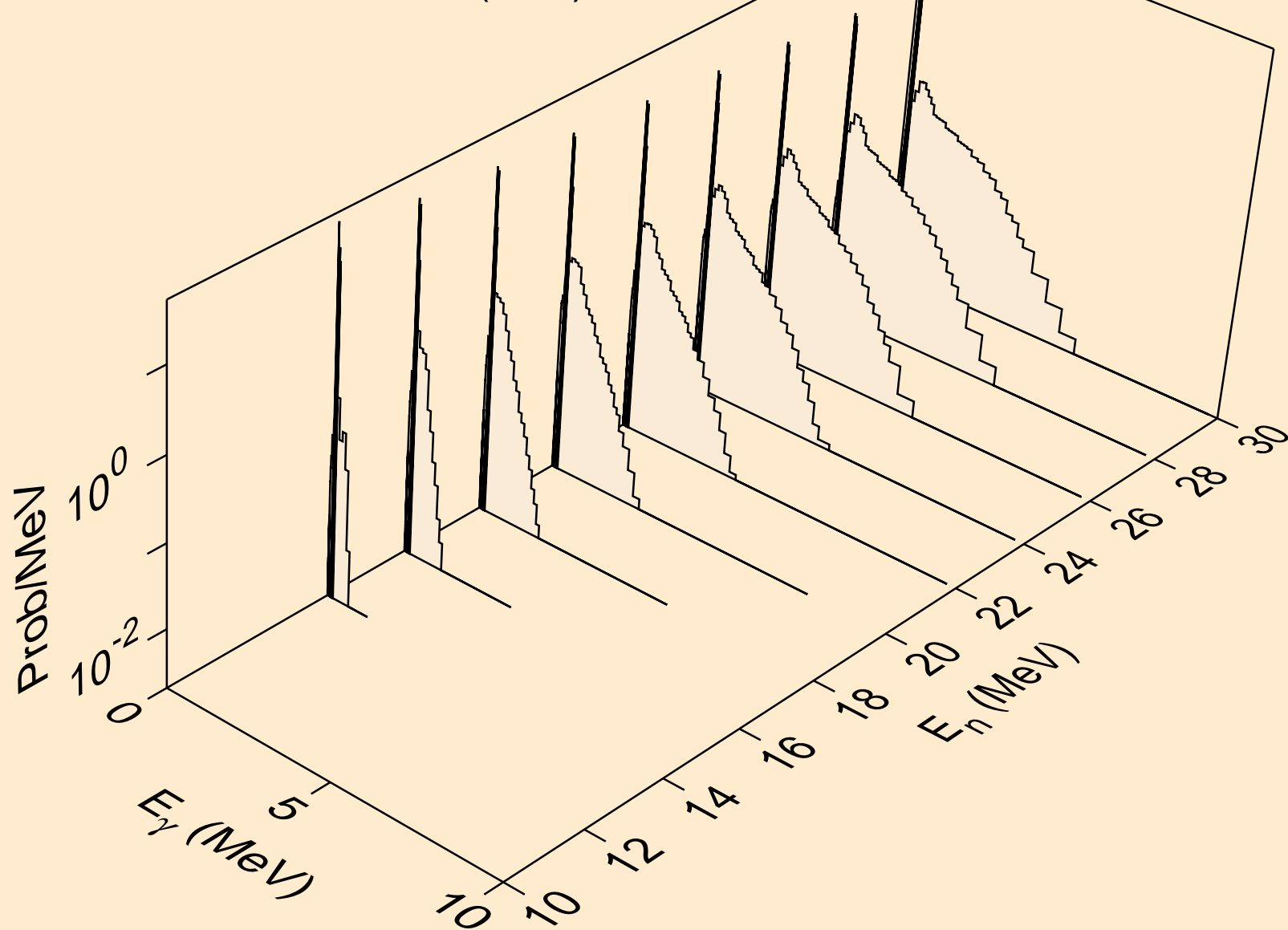
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



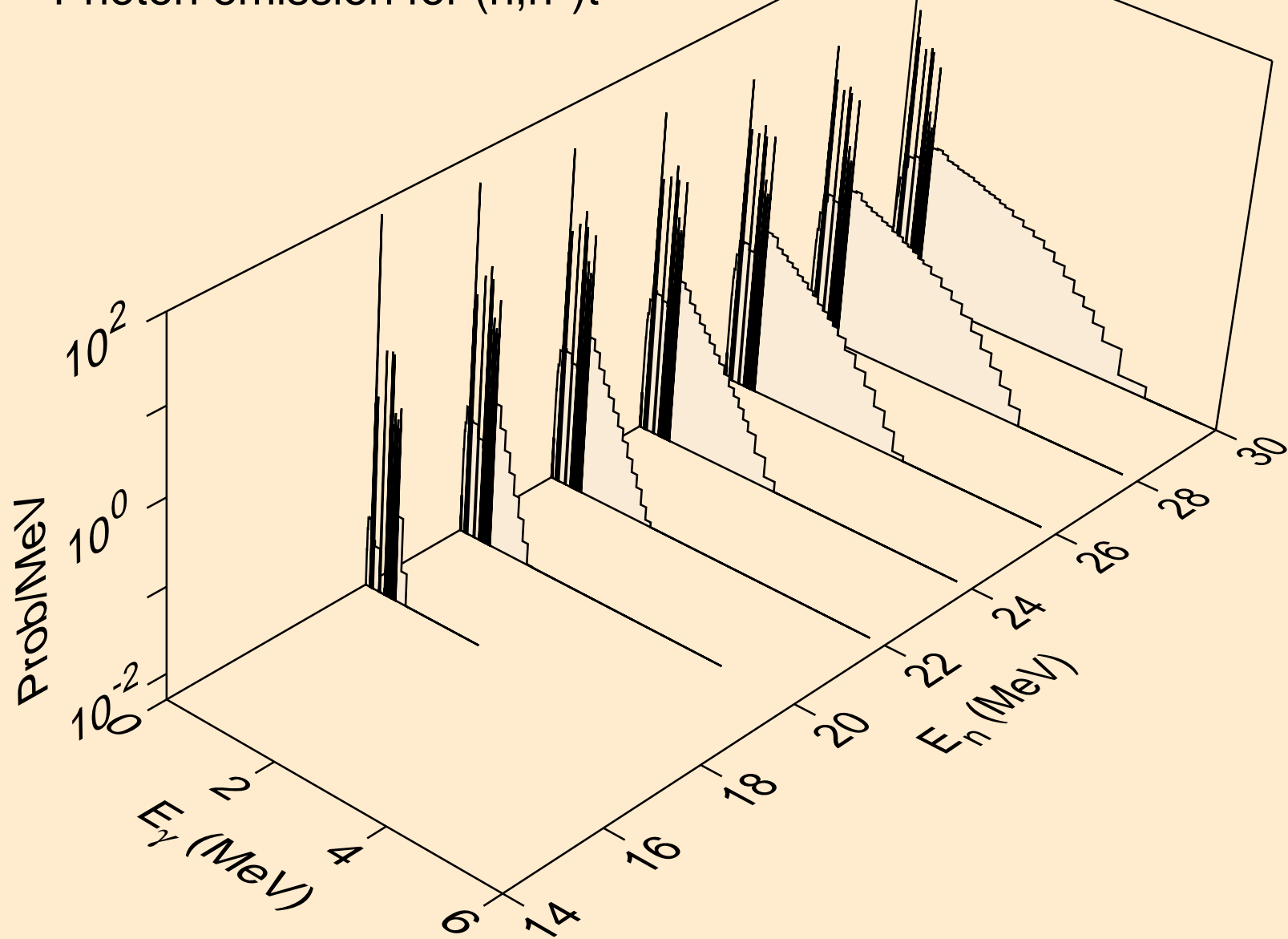
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



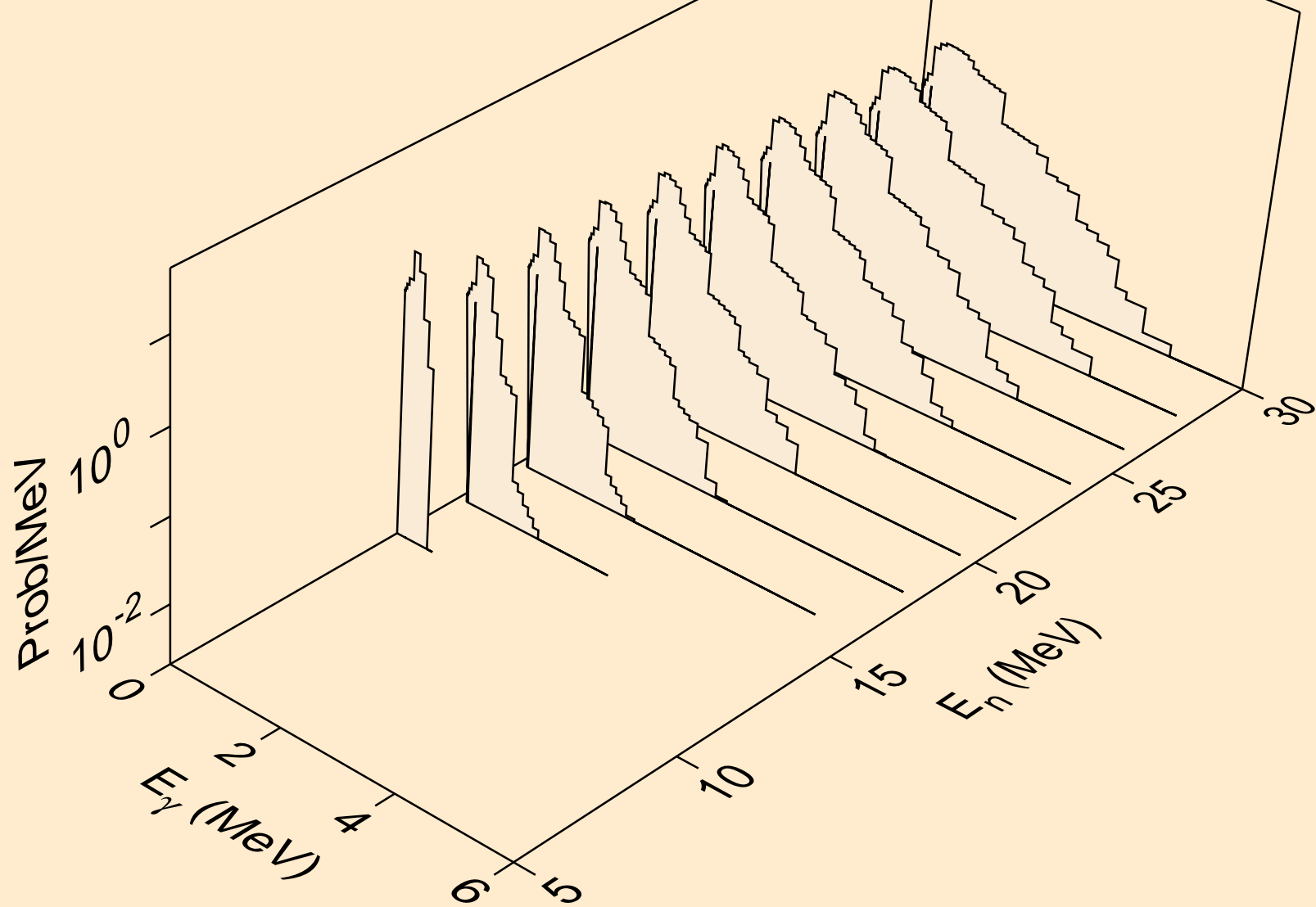
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



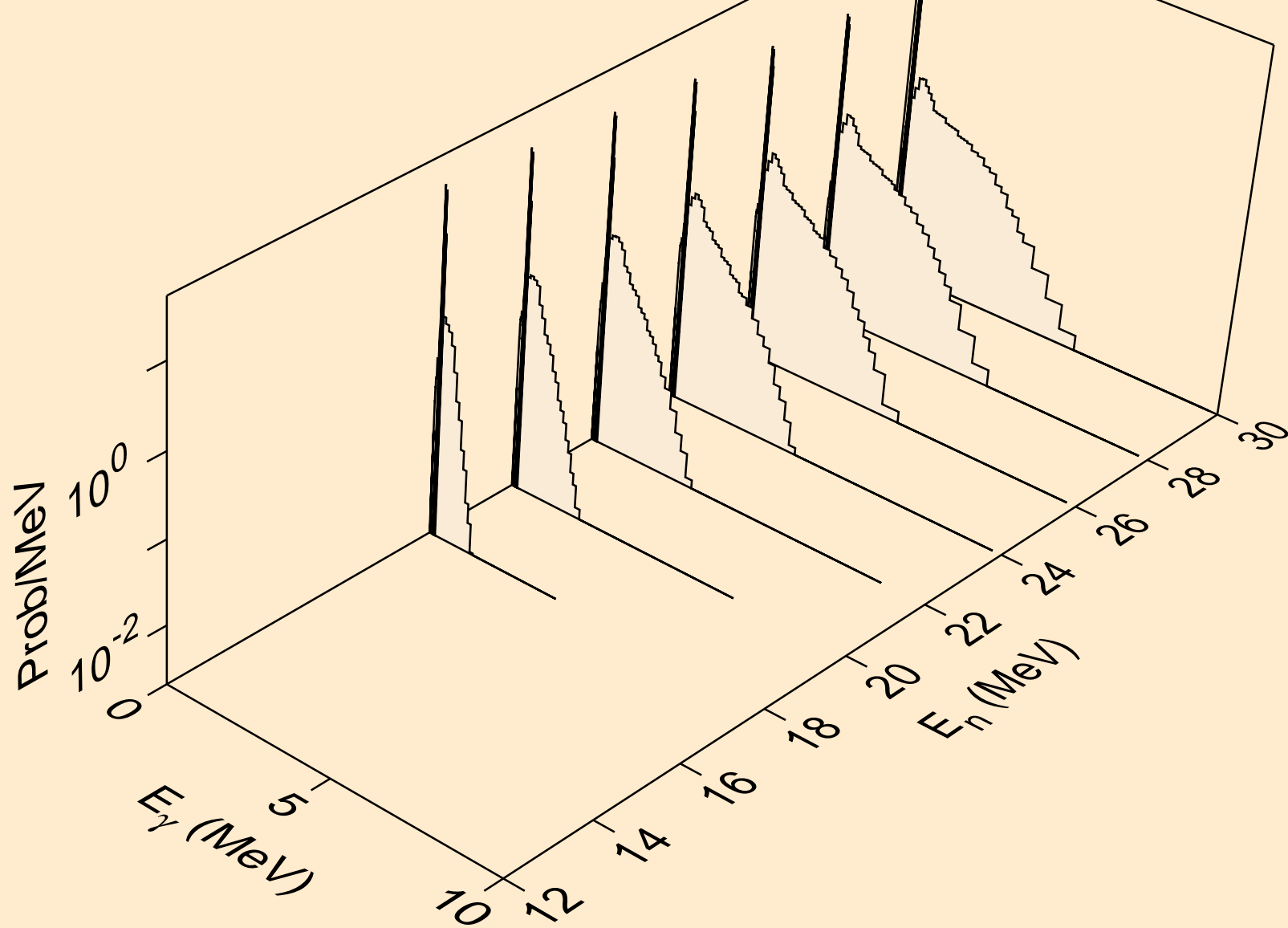
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



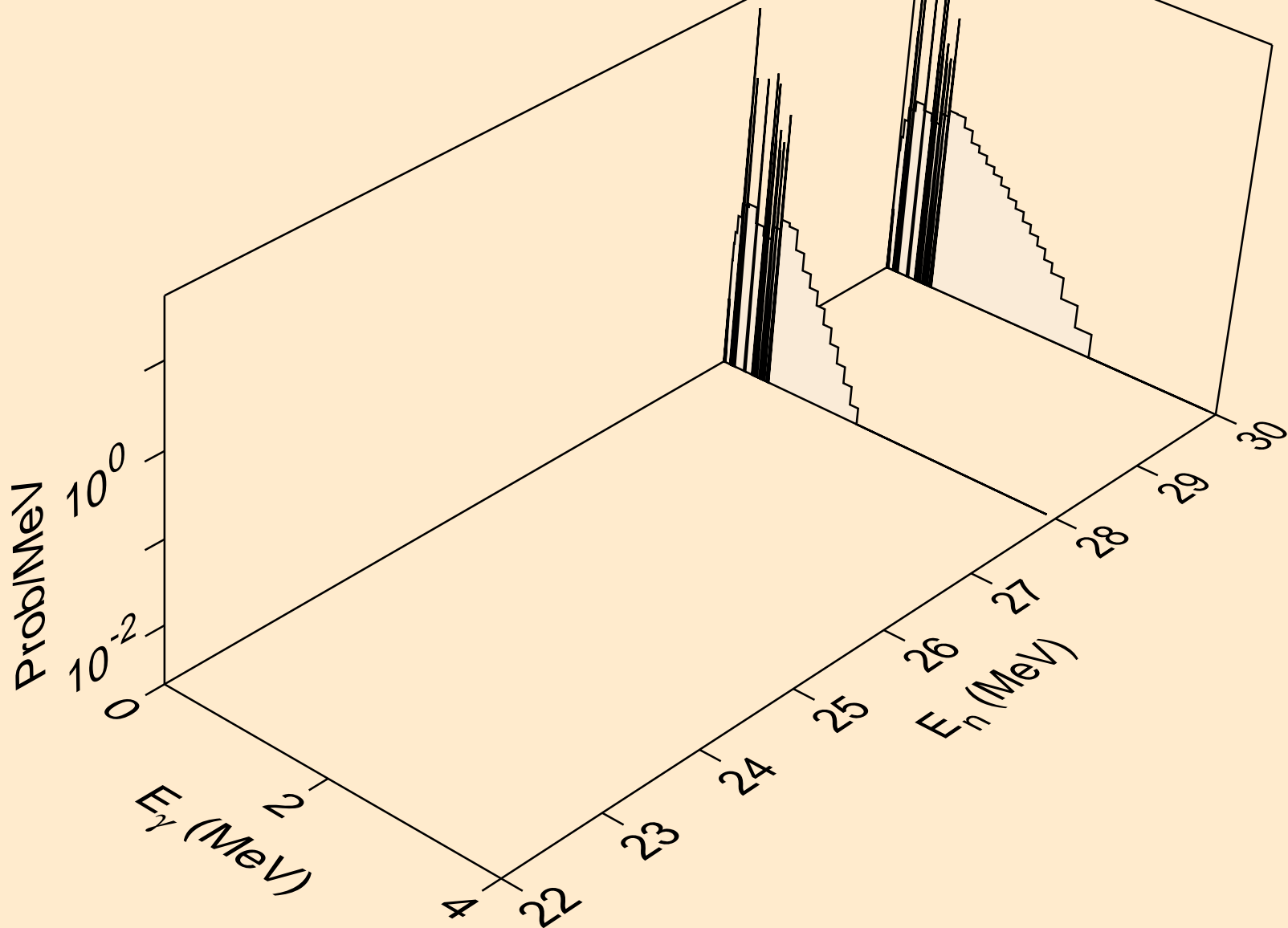
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



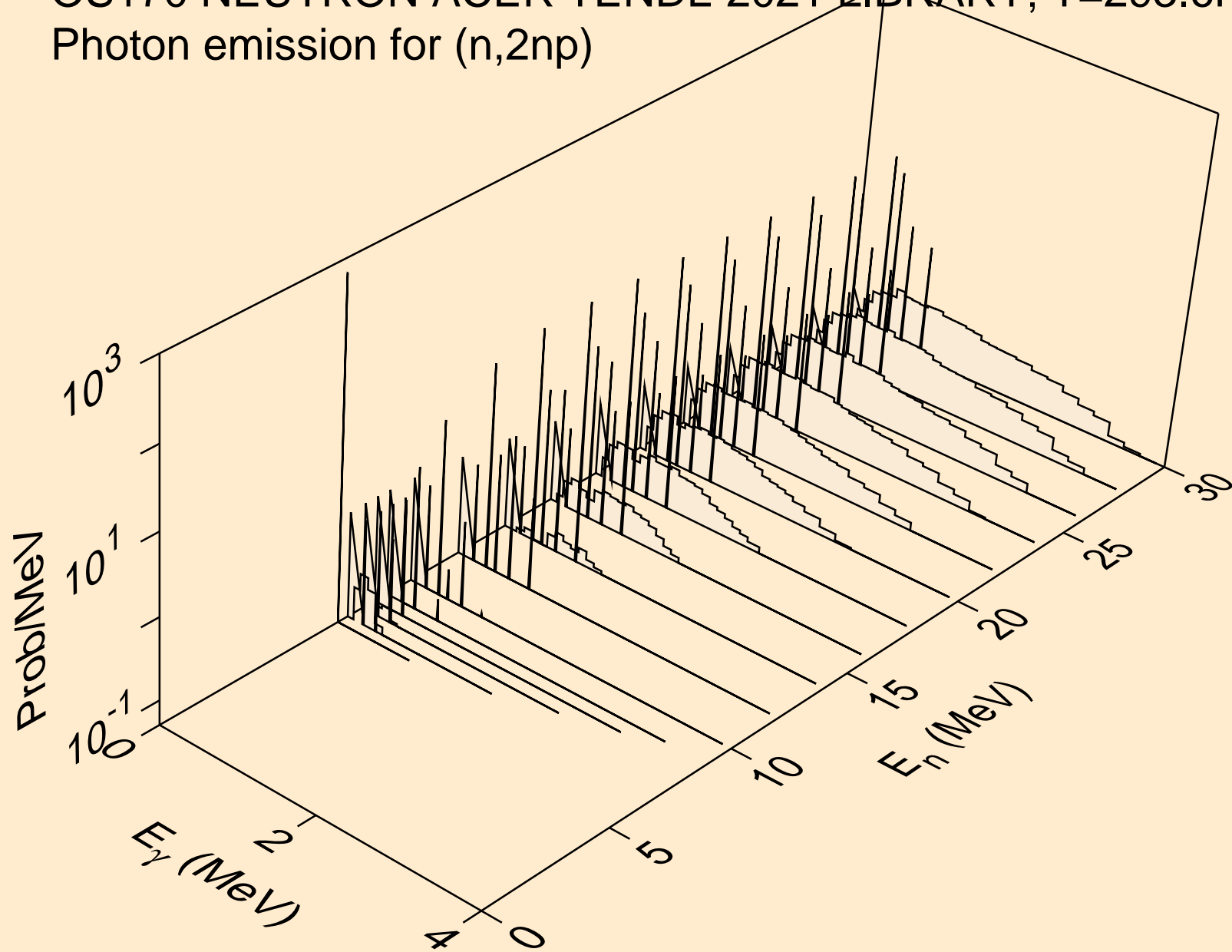
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

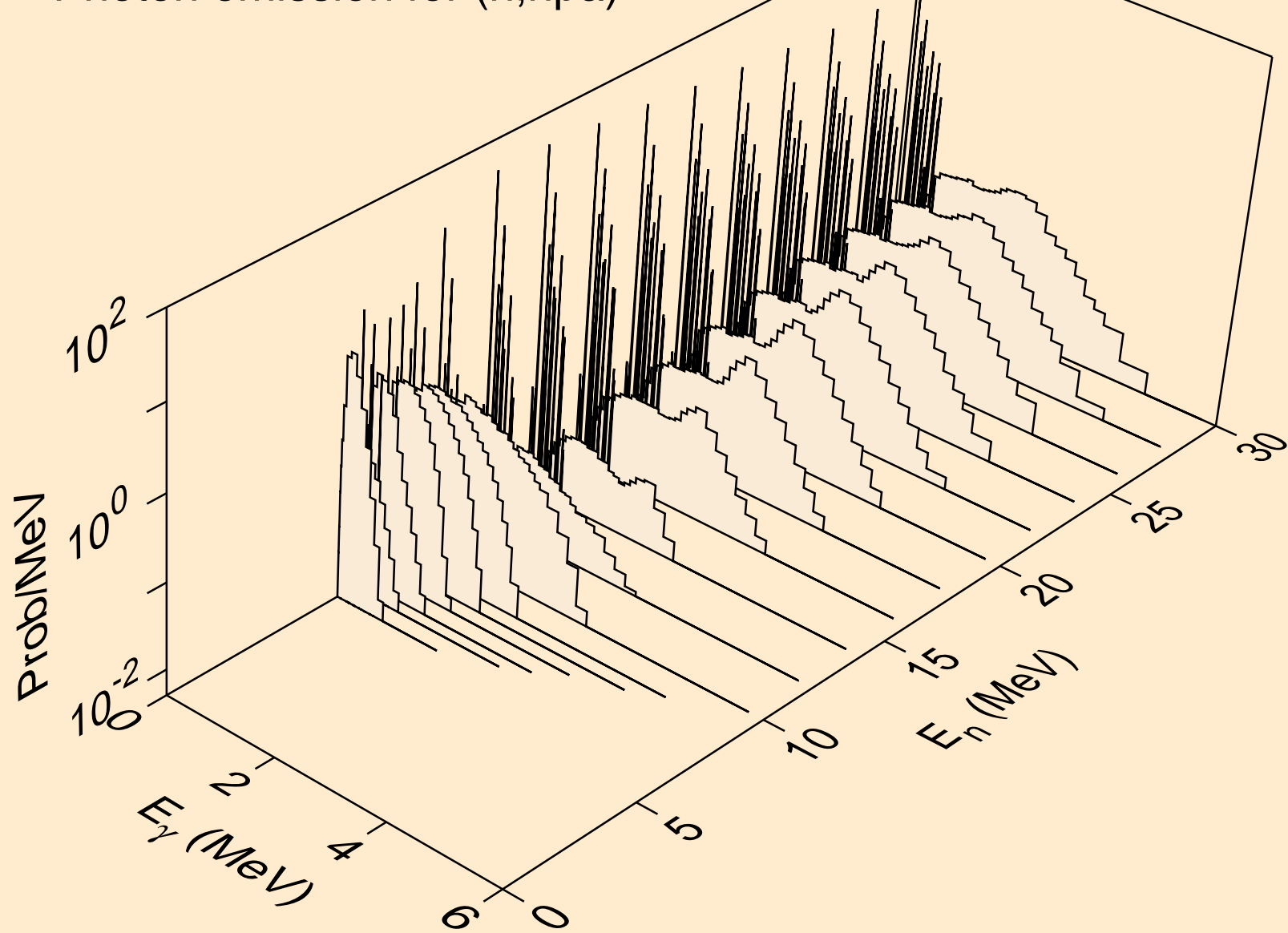


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

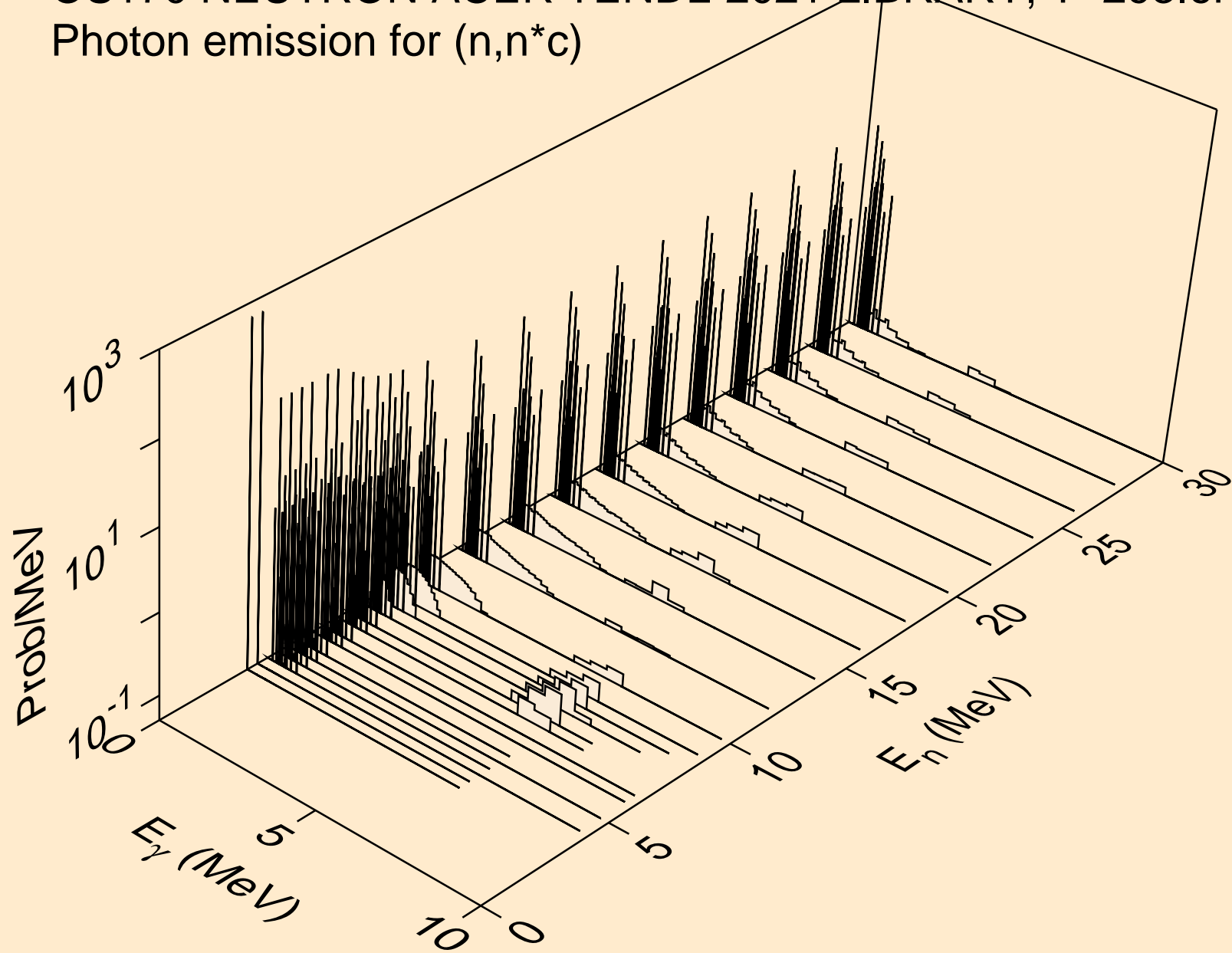




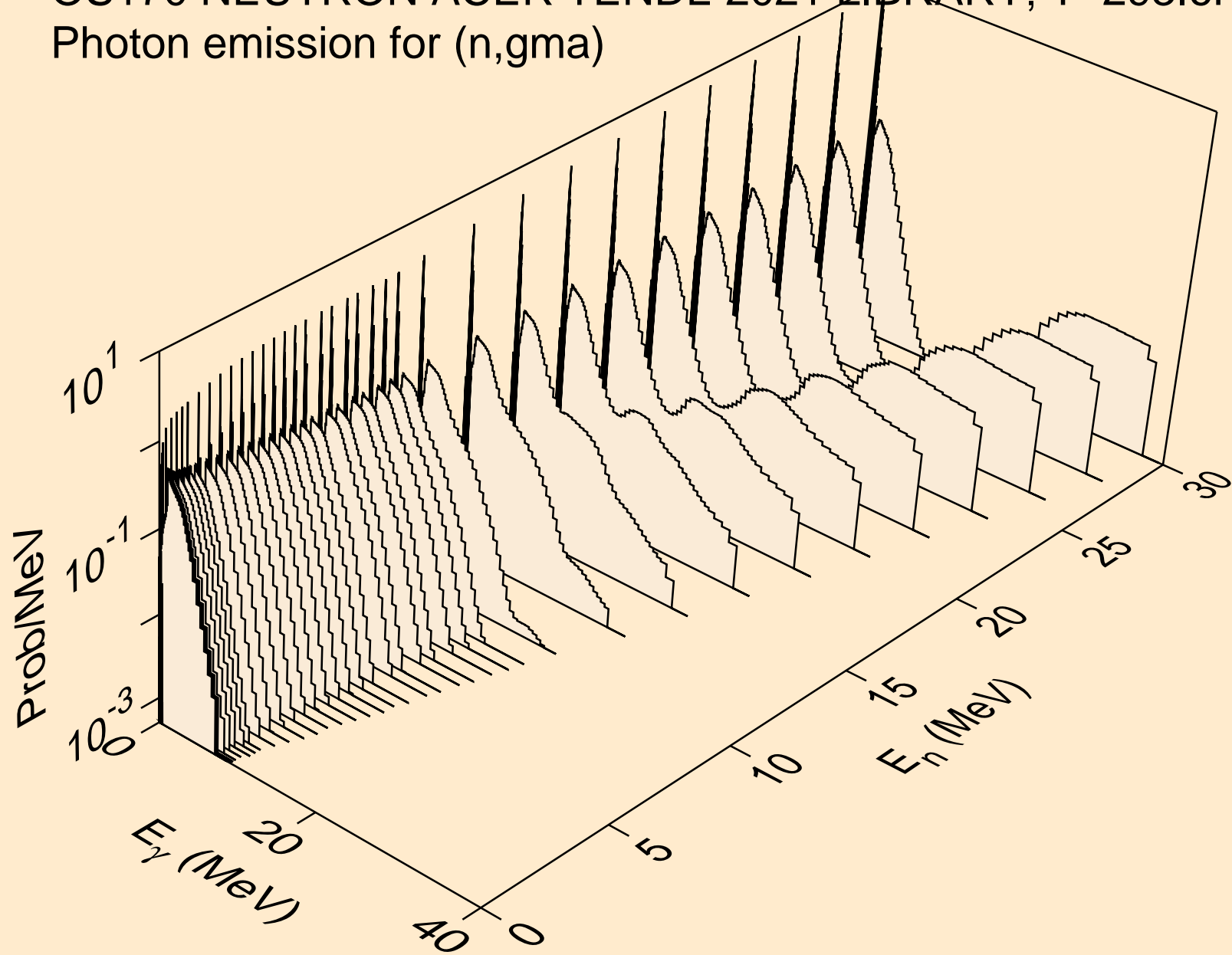
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



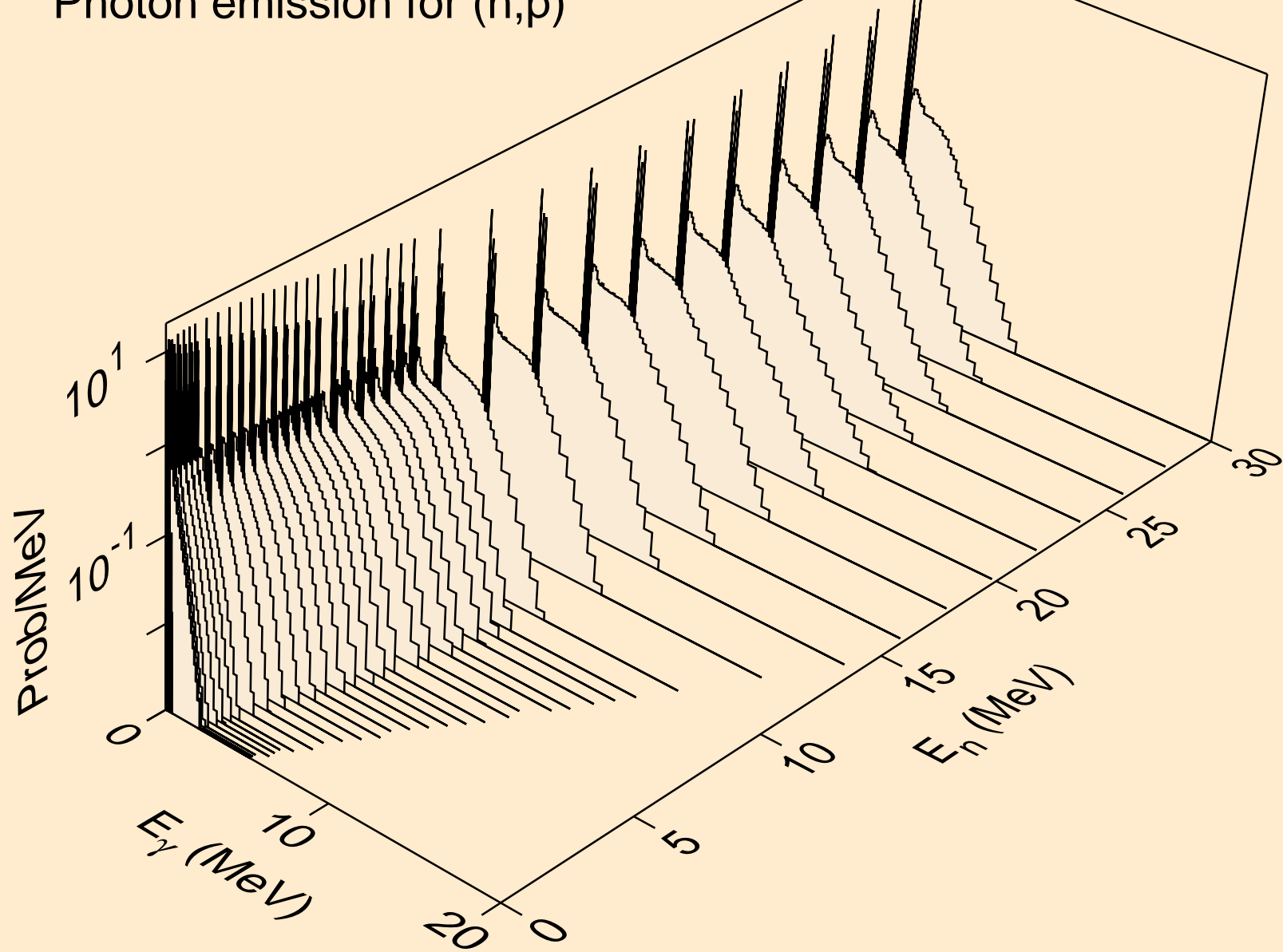
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



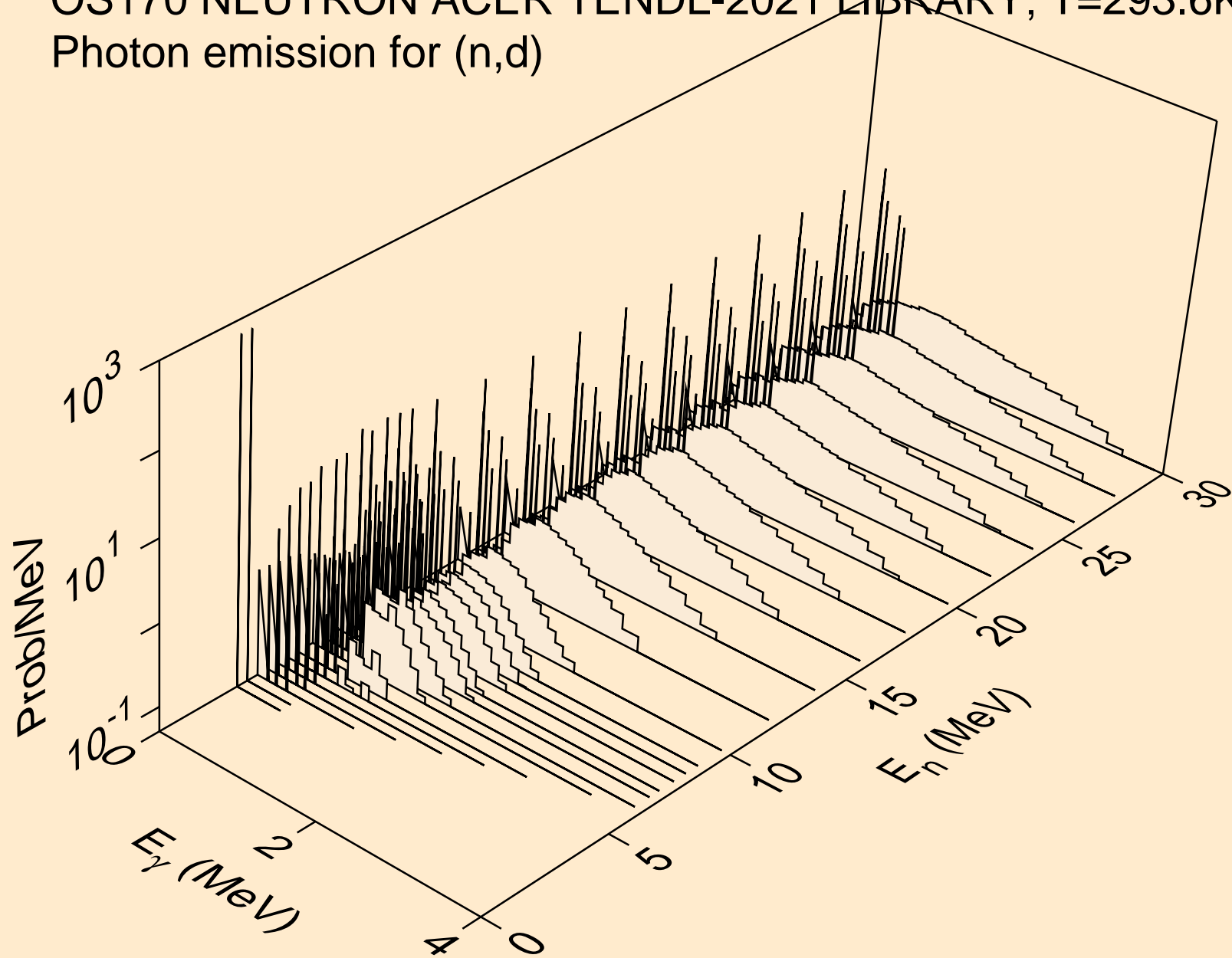
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



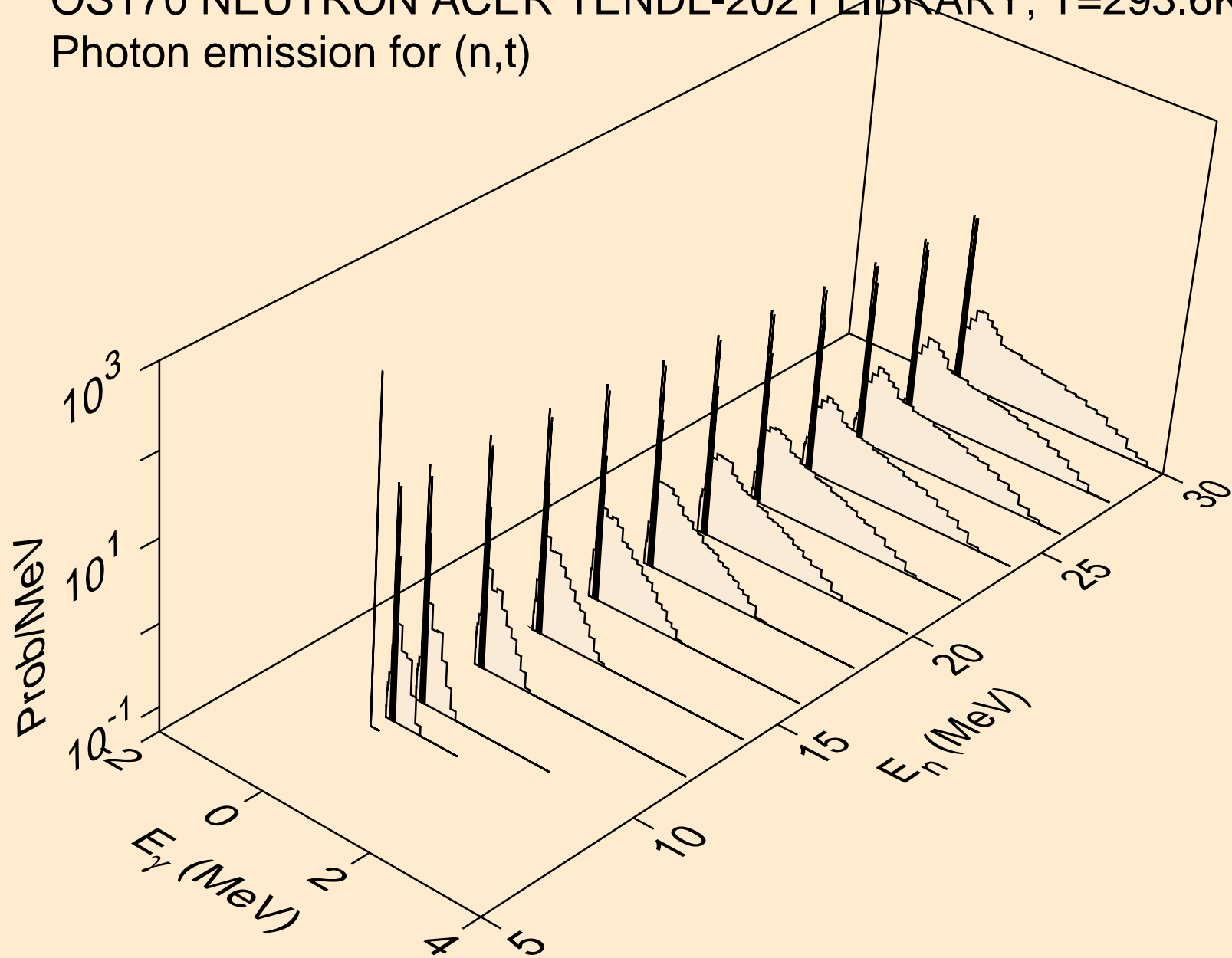
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



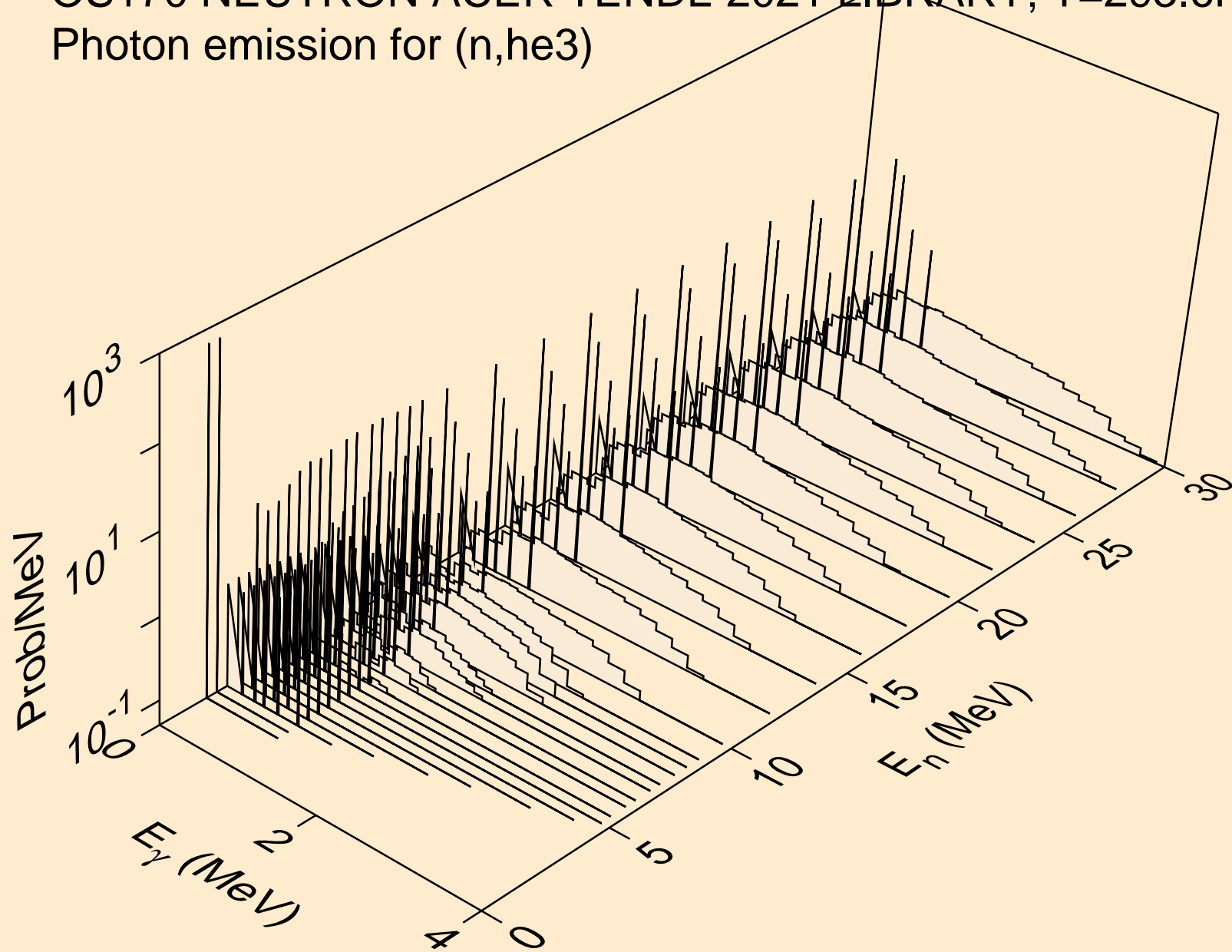
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



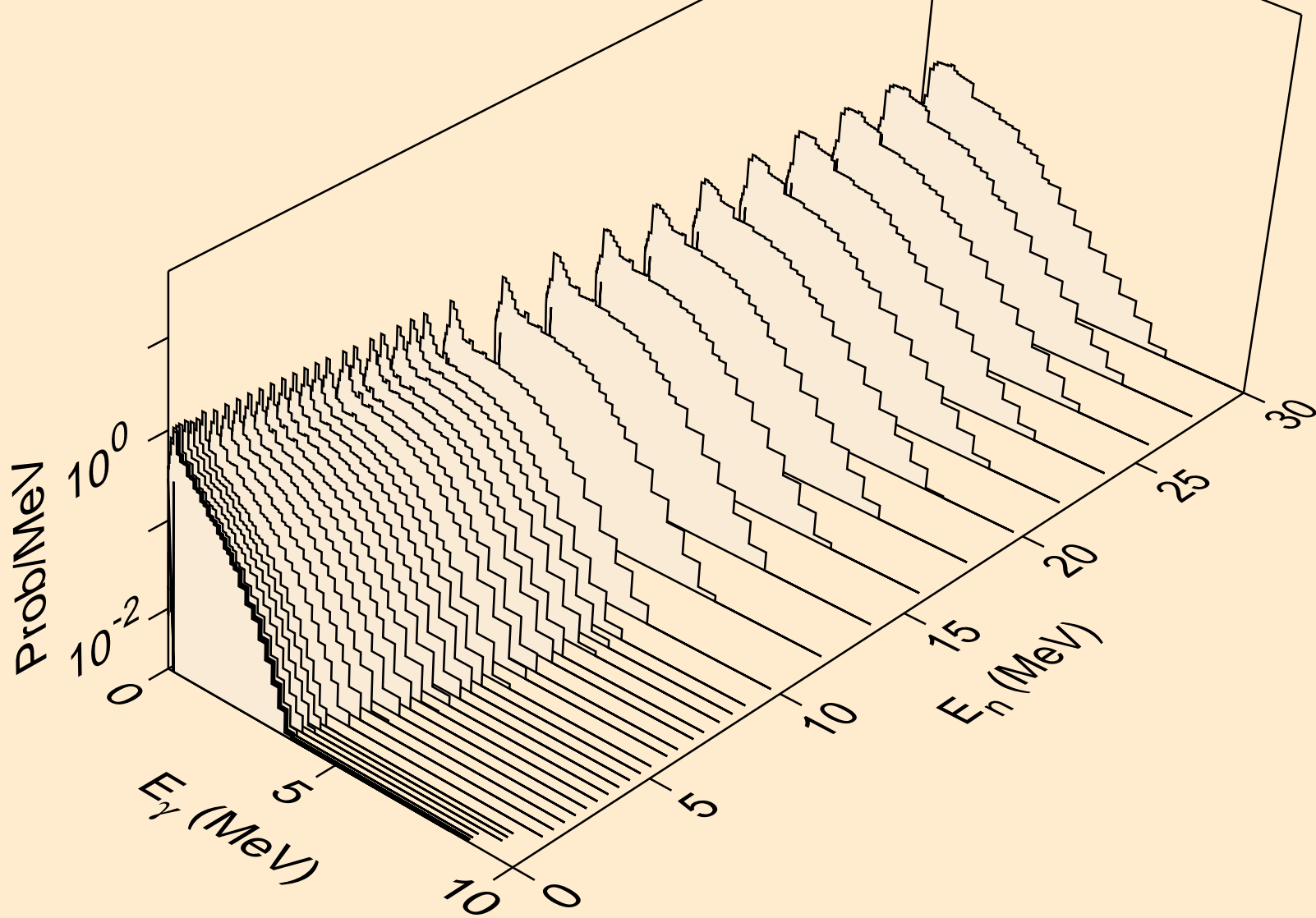
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

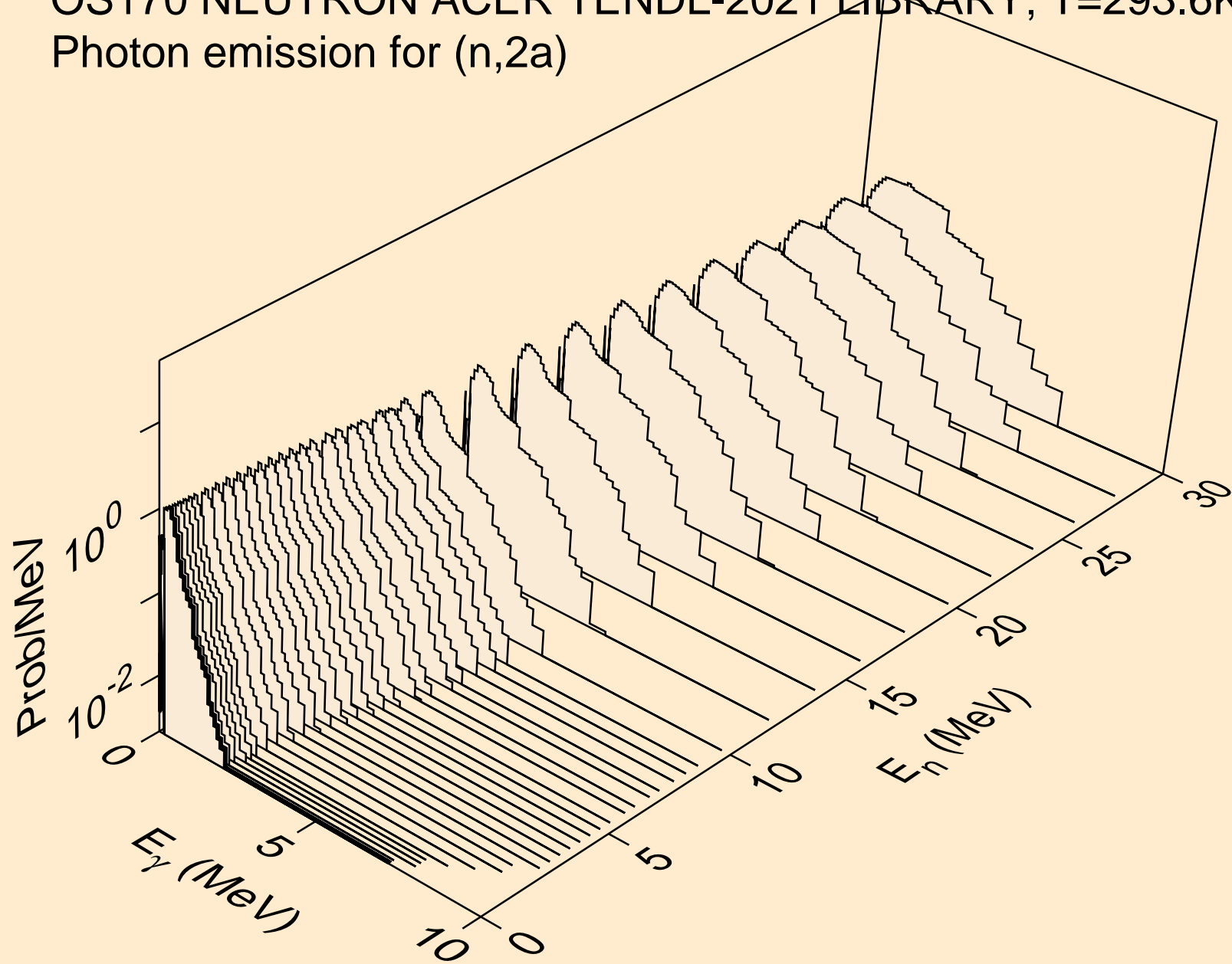


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

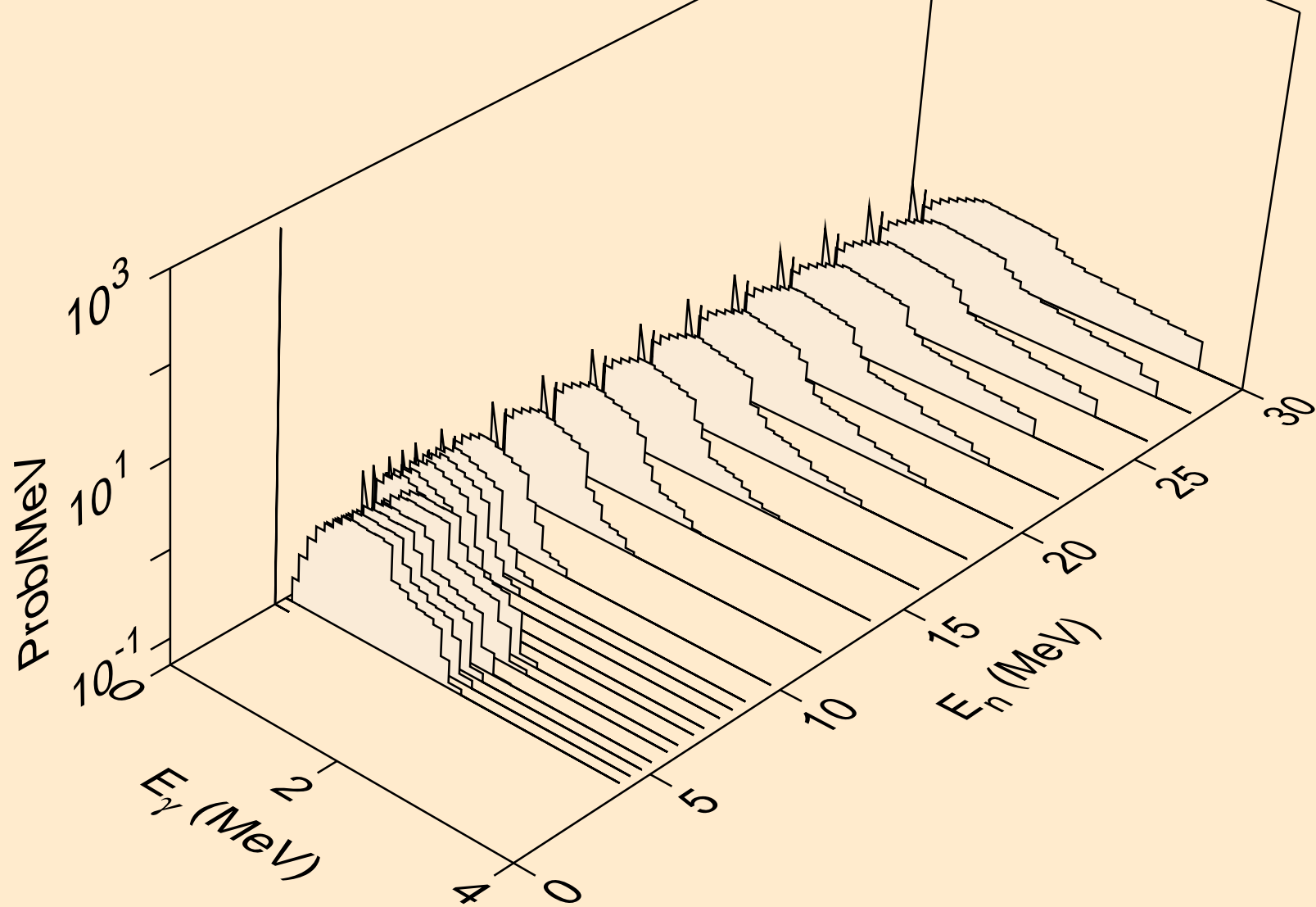




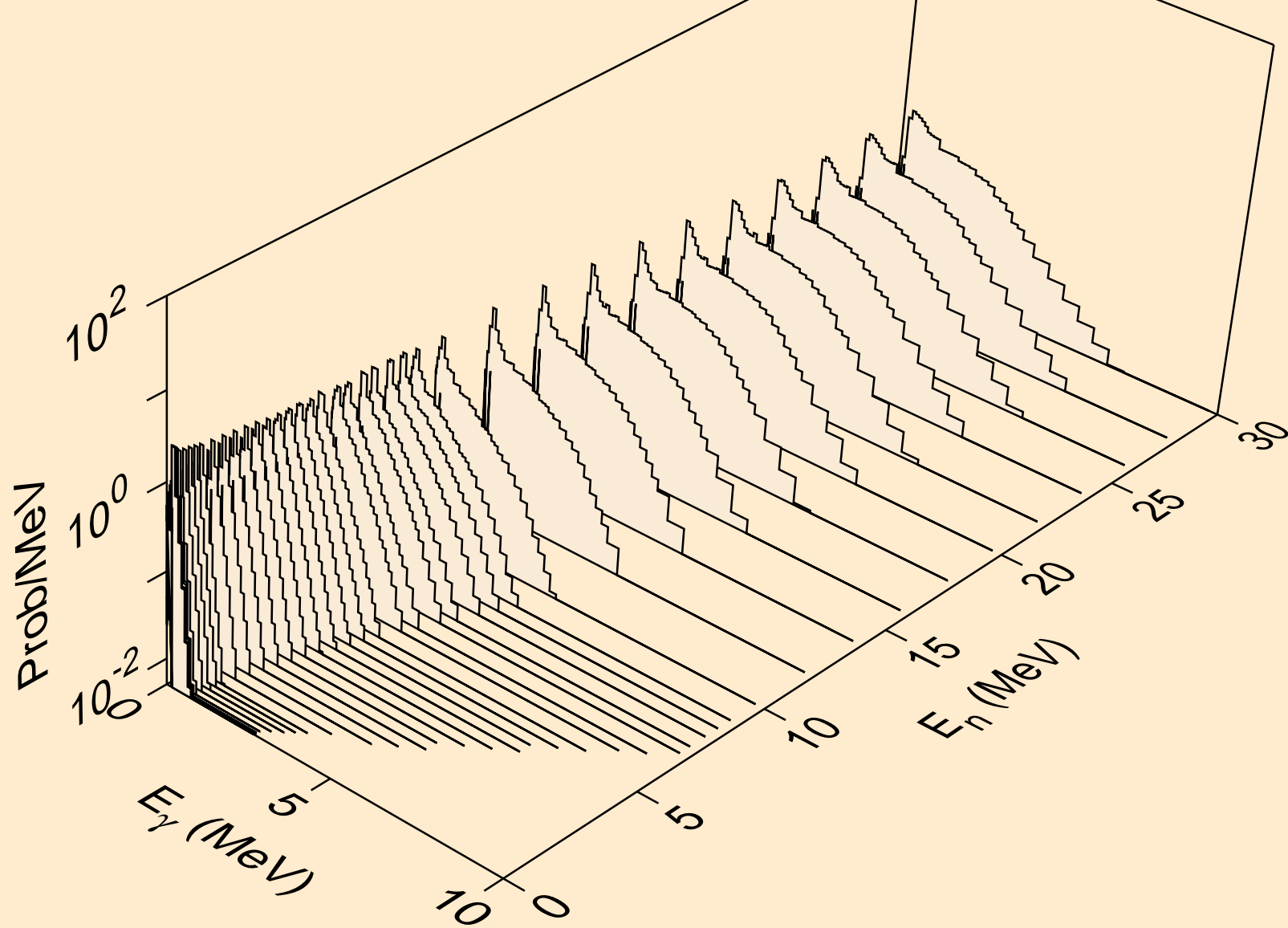
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



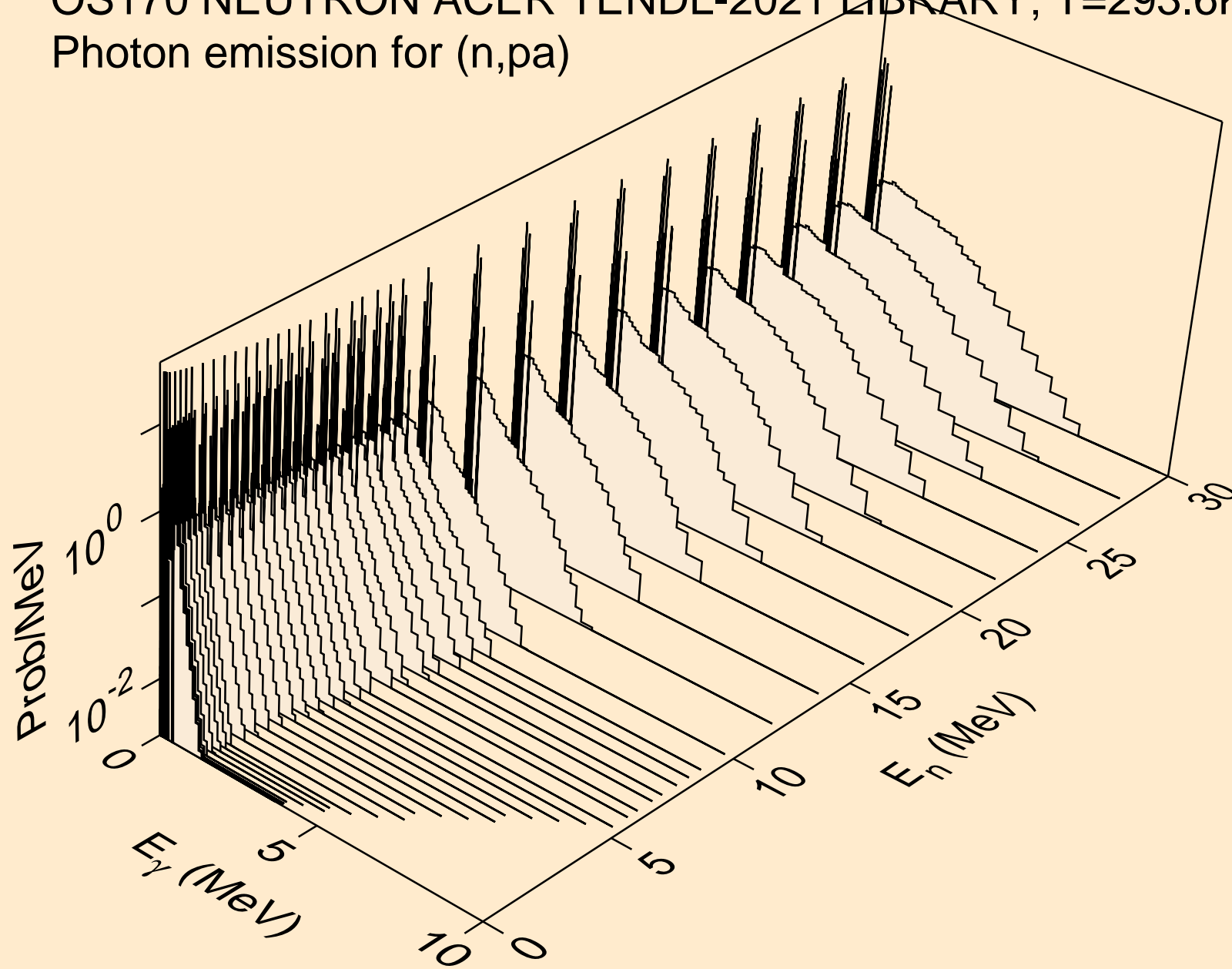
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



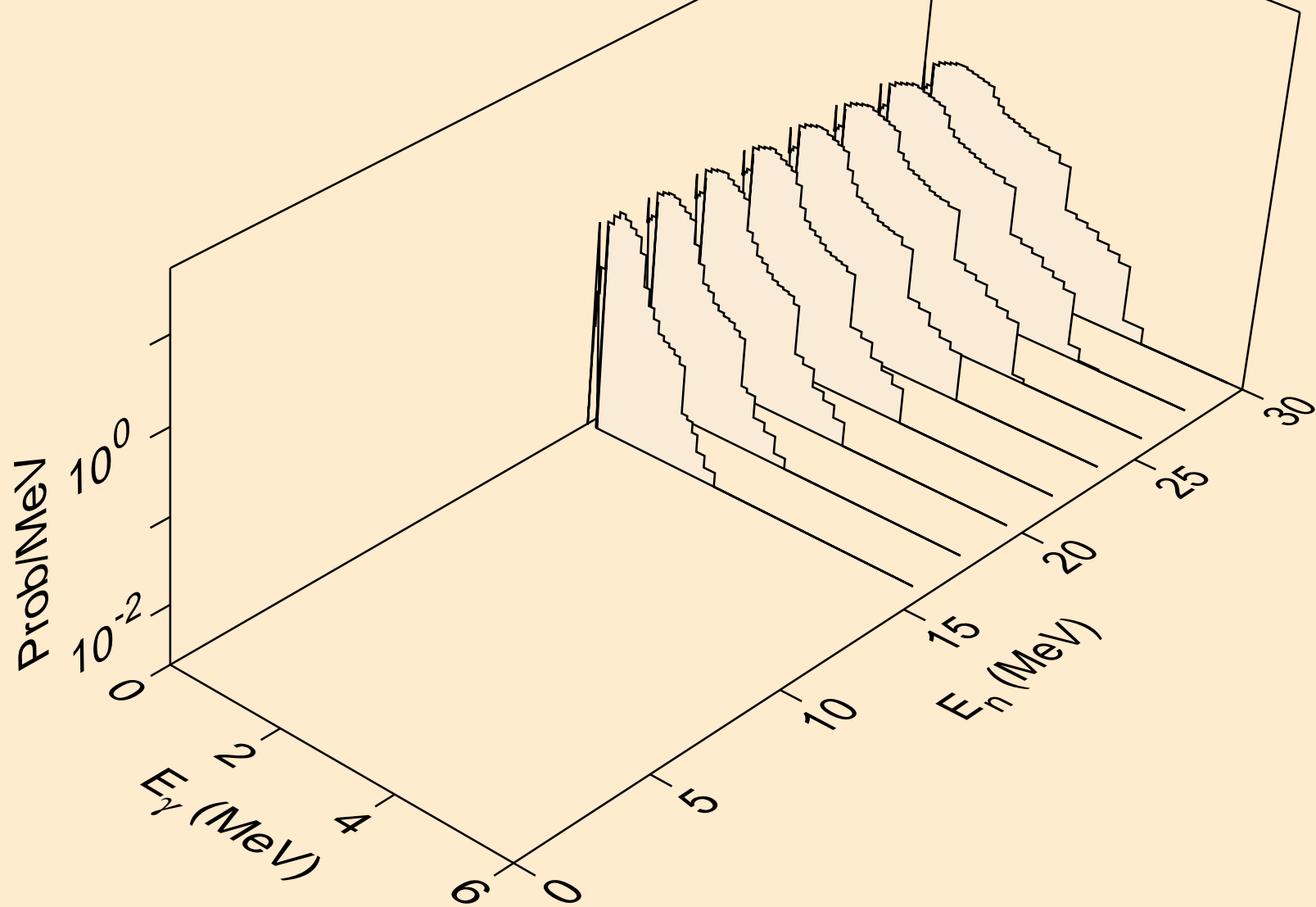
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



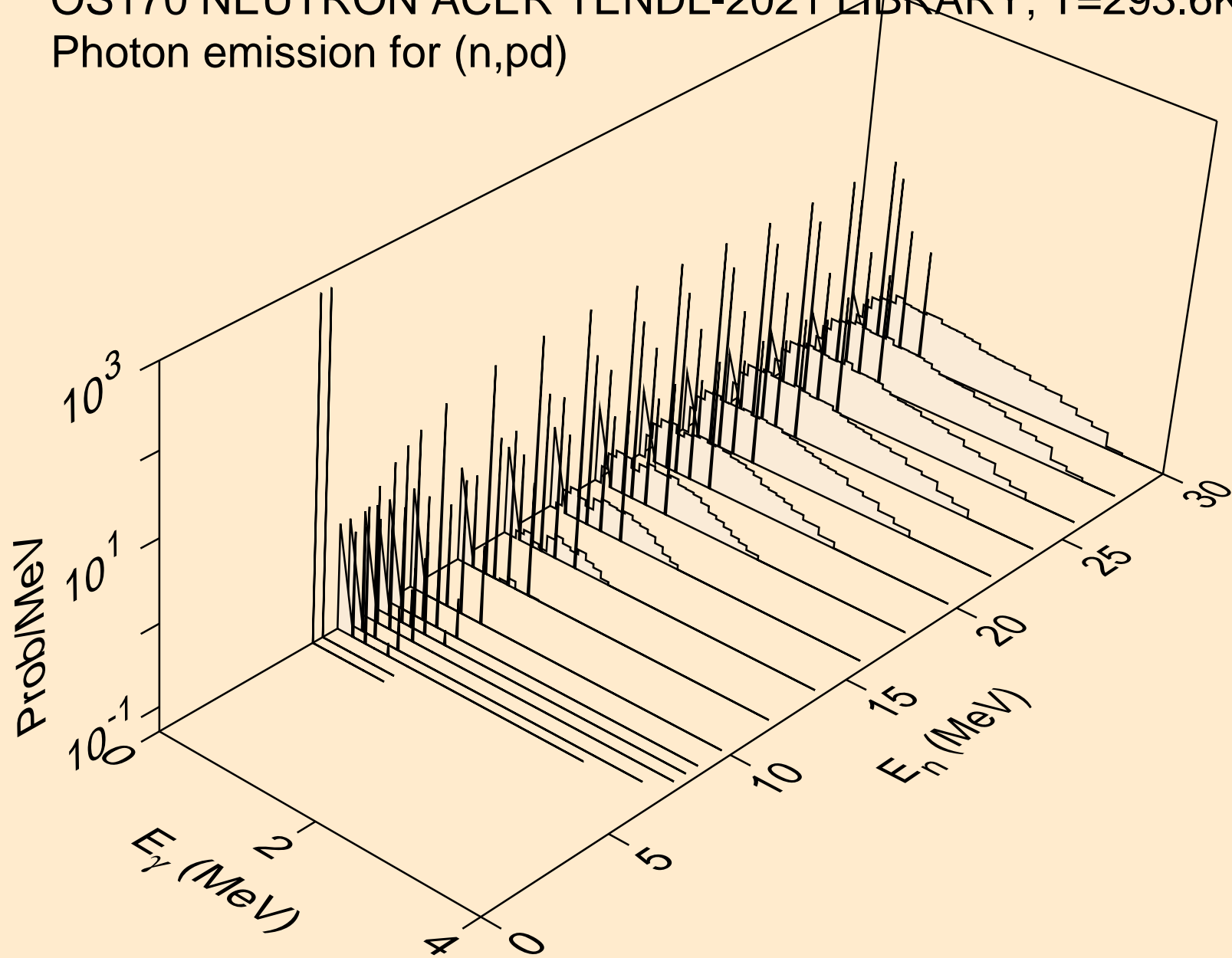
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



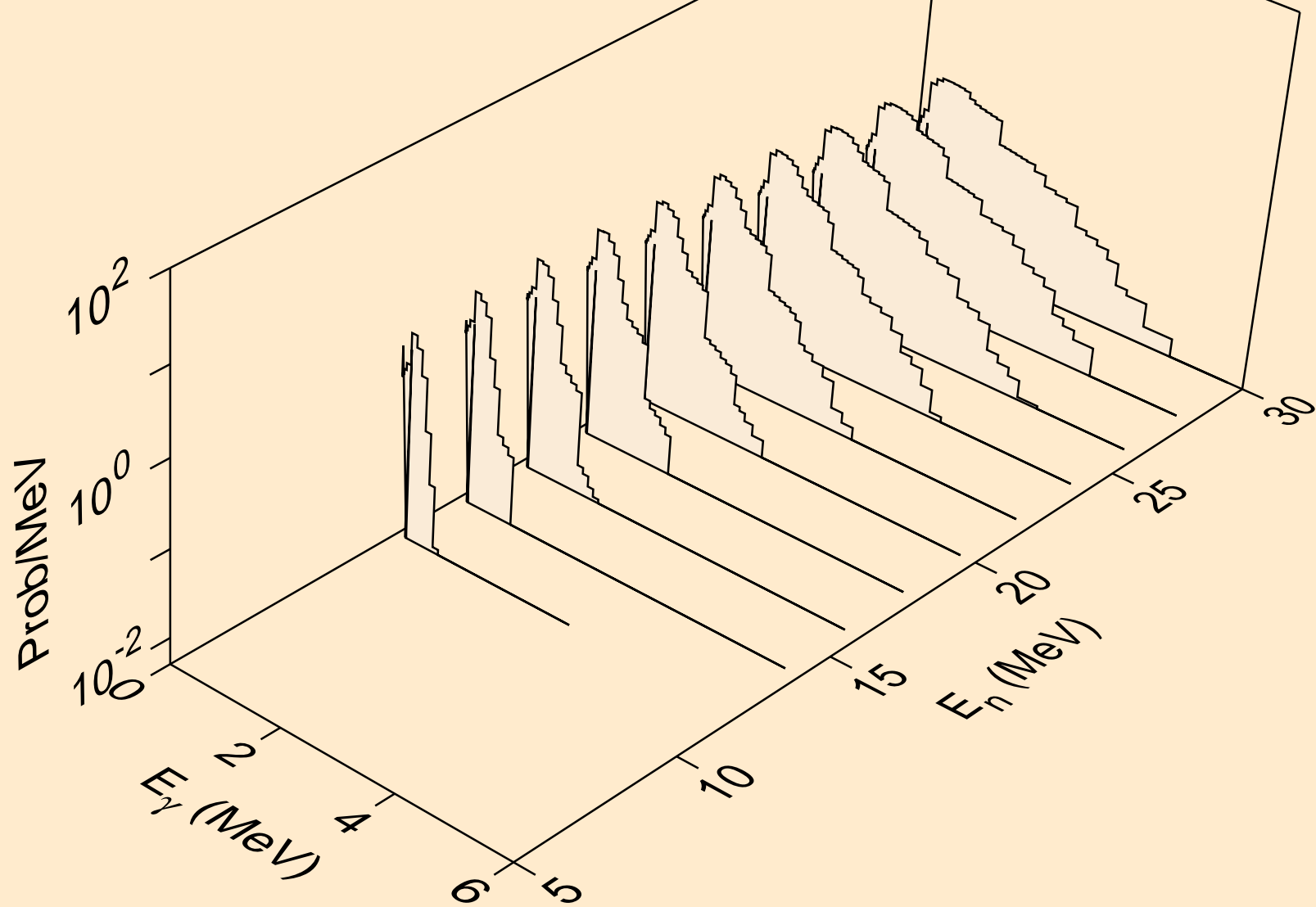
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



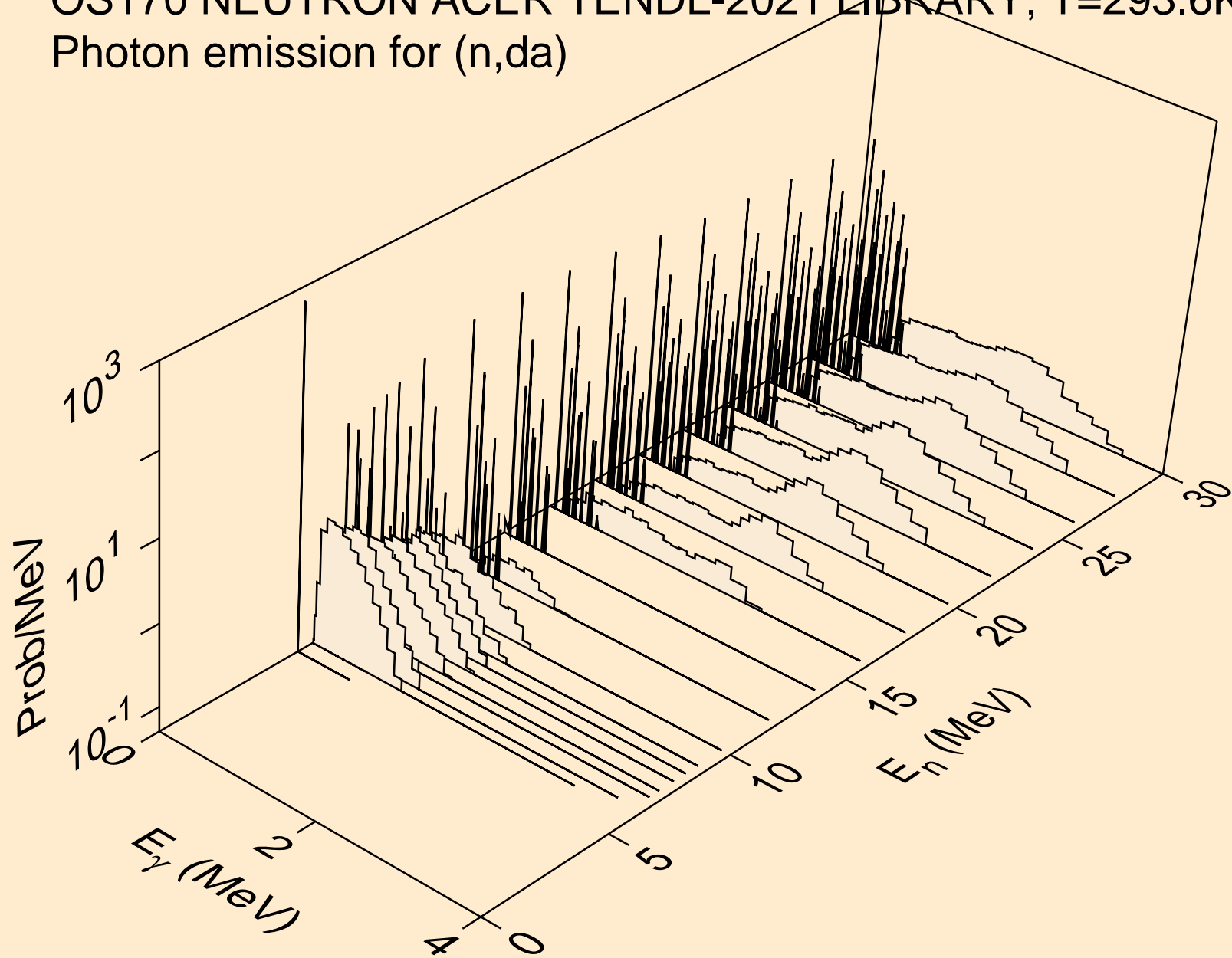
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

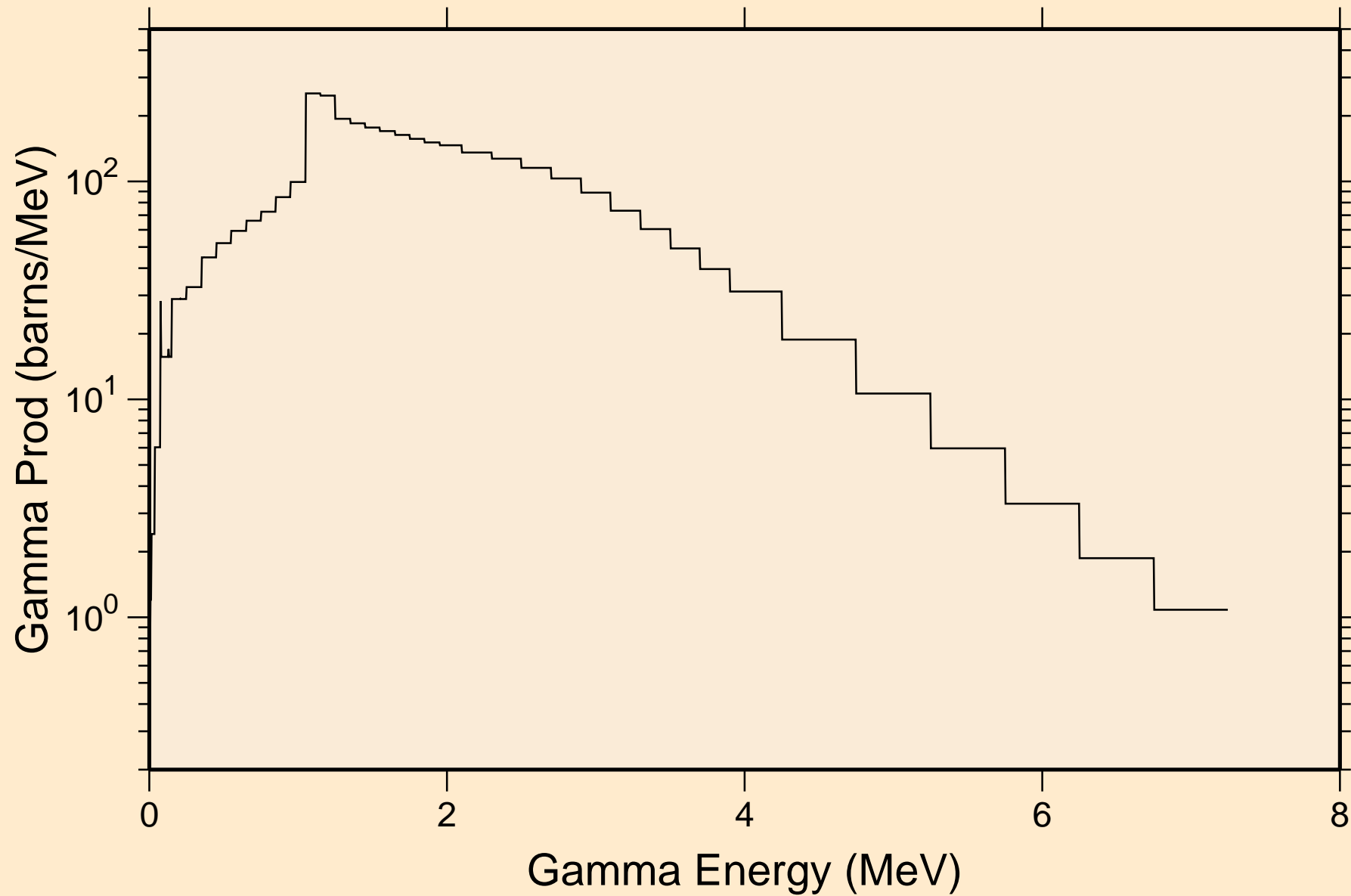


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

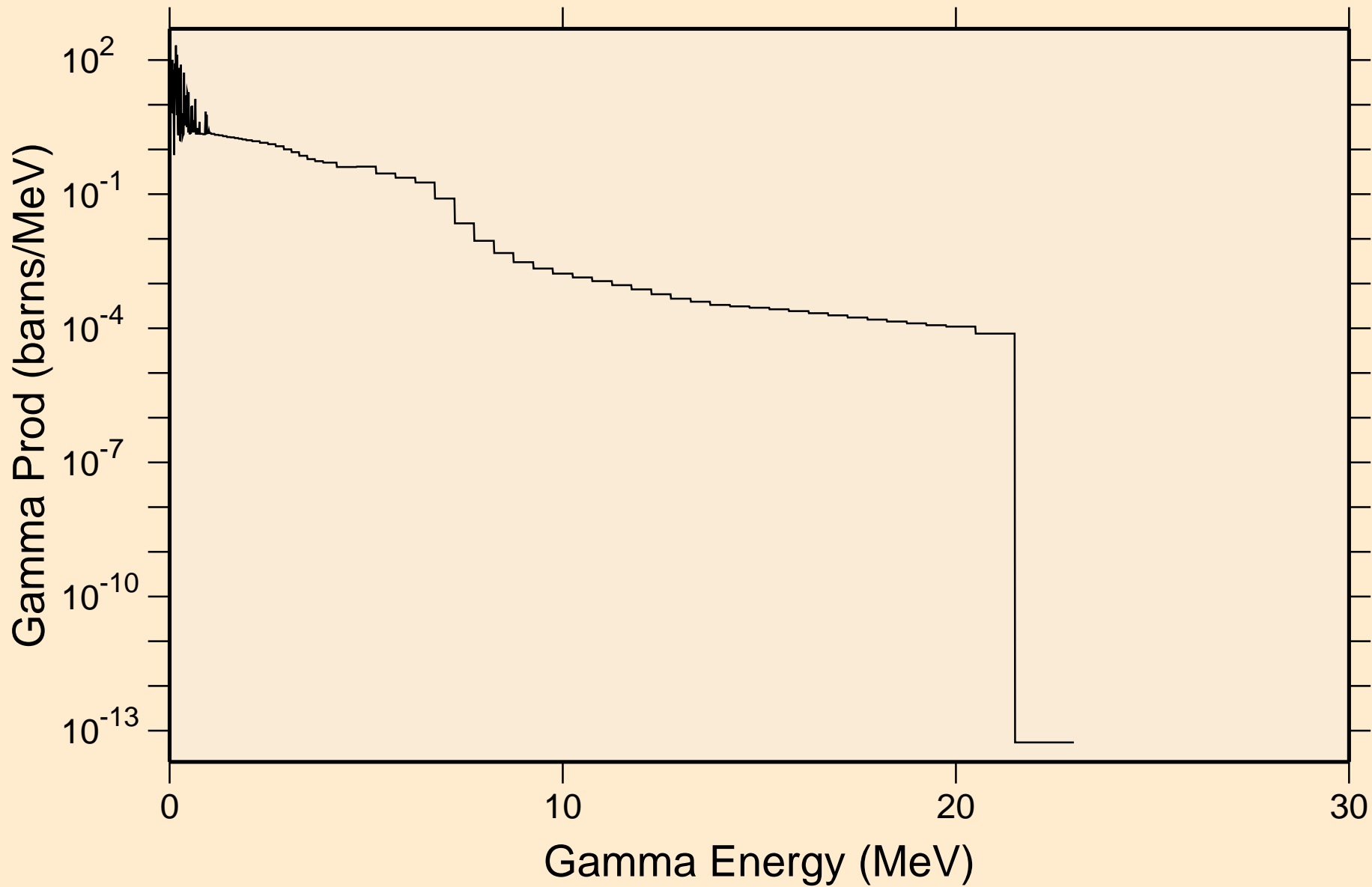




OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

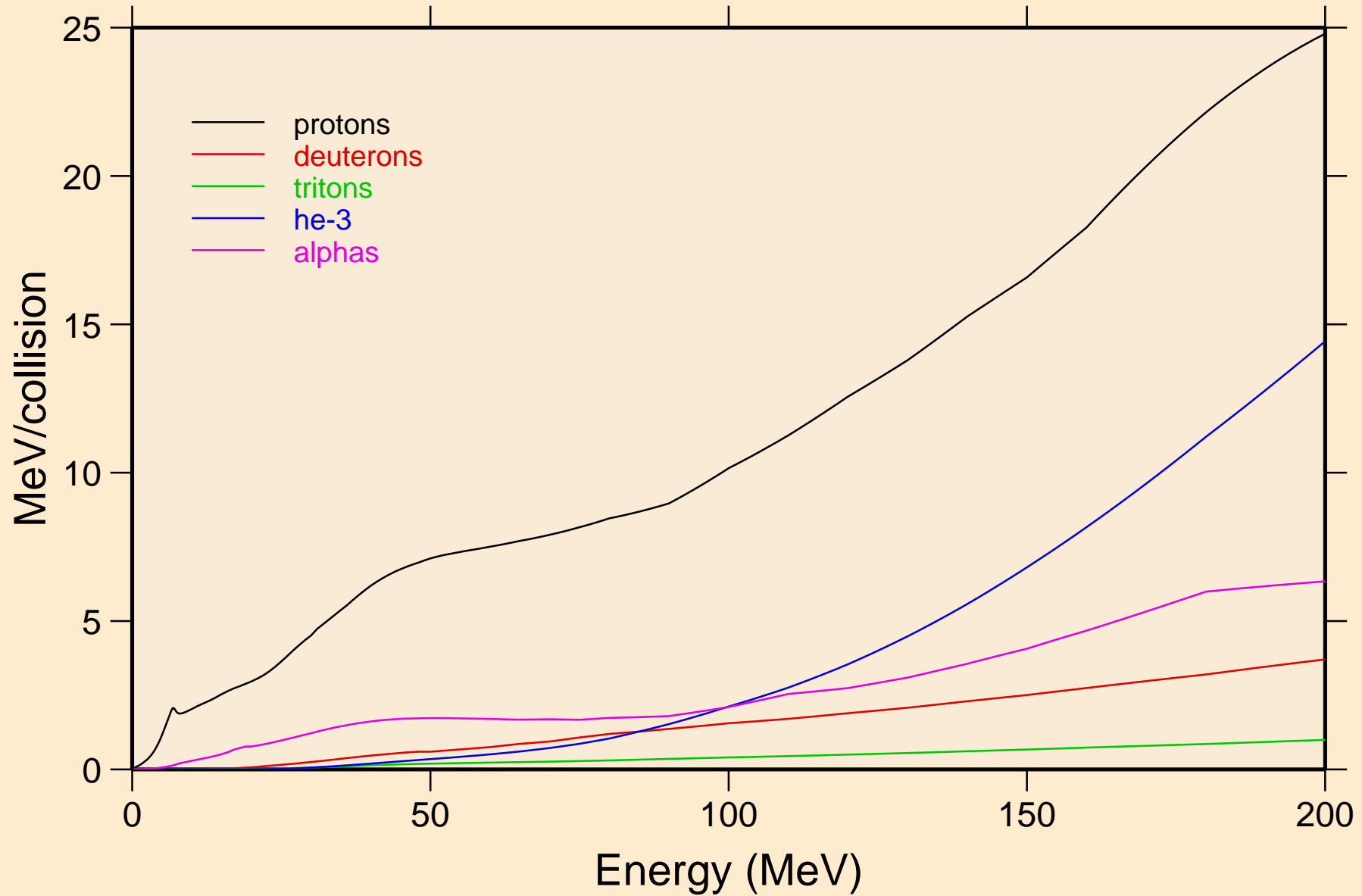


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

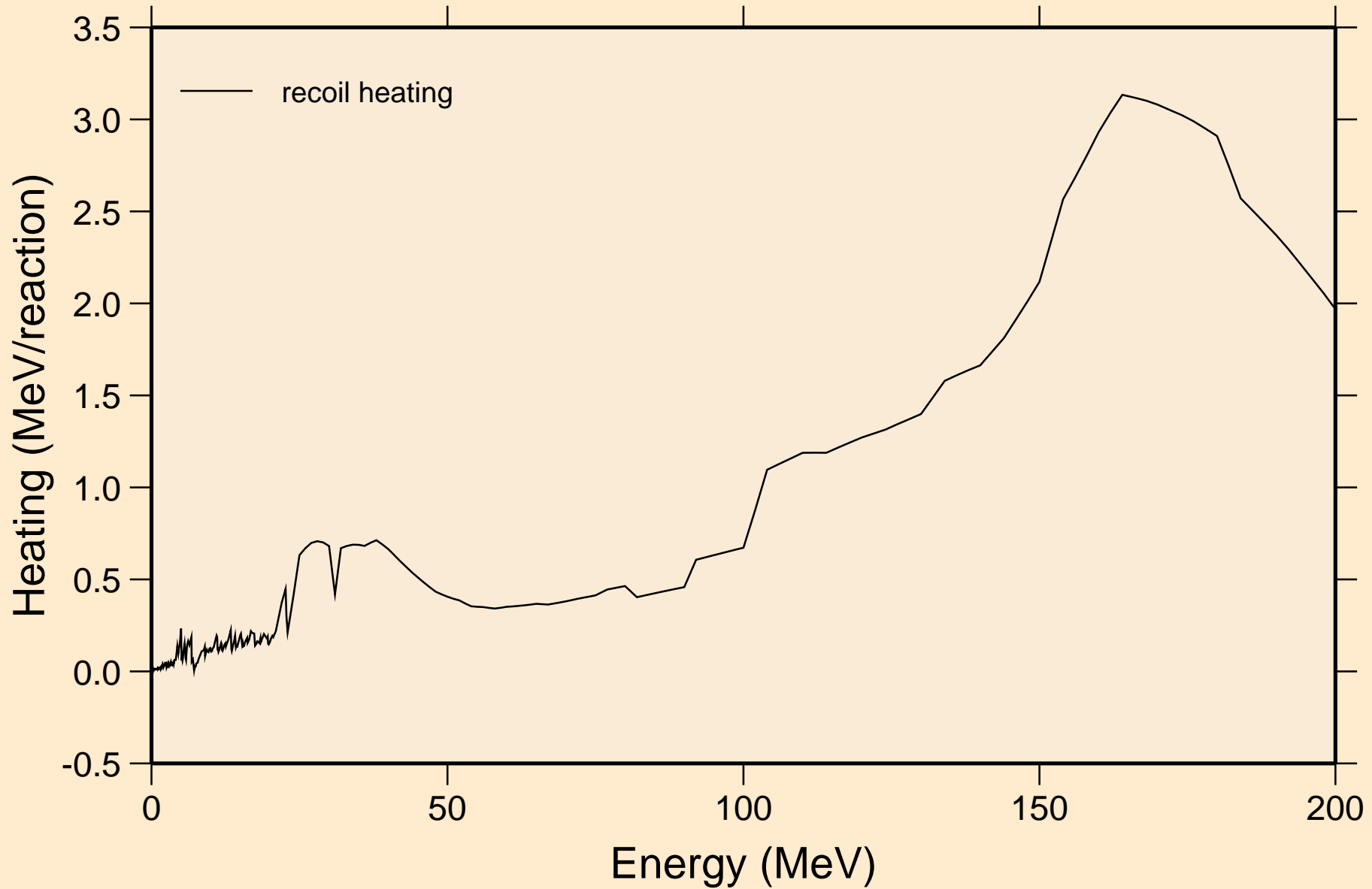


# OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

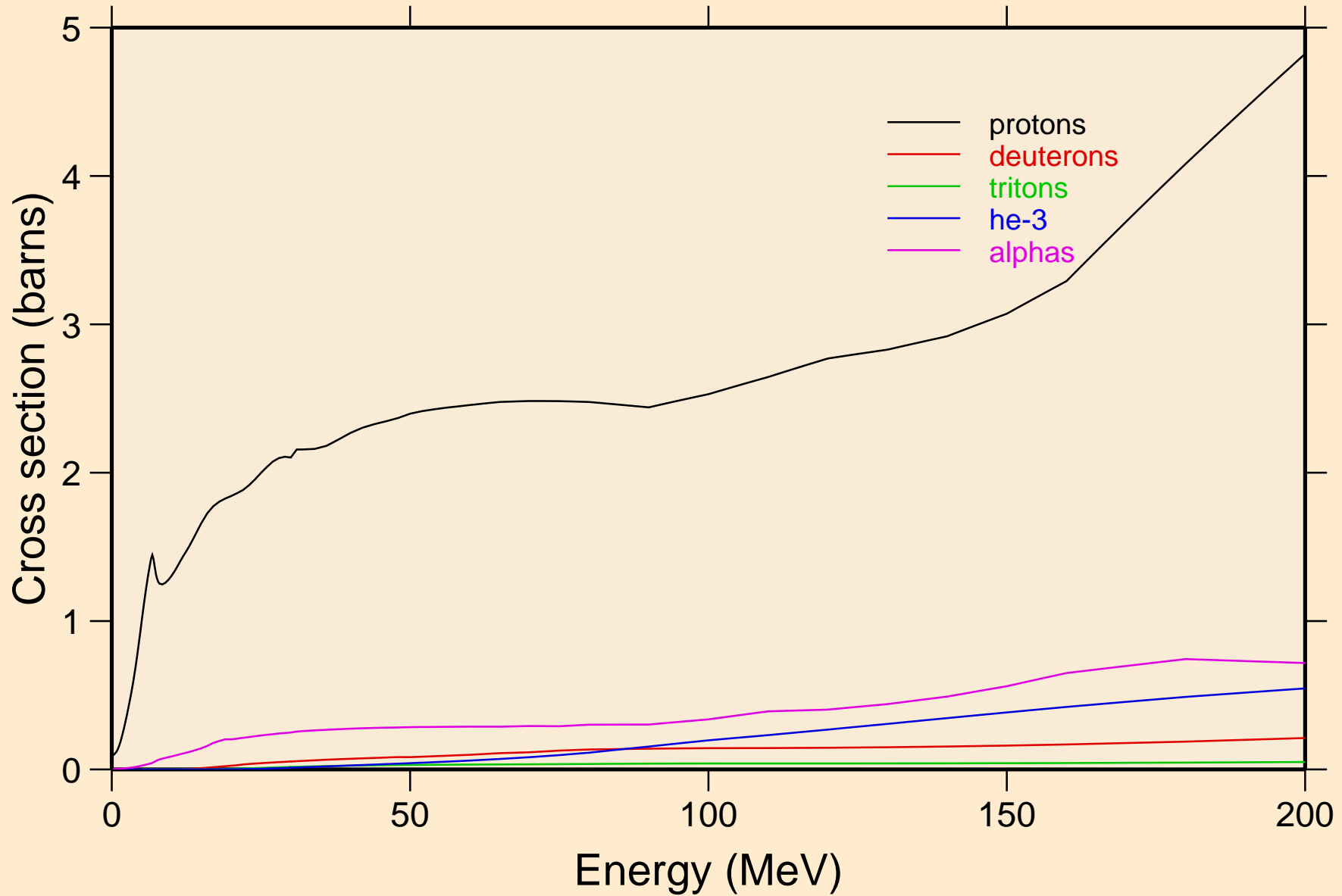
## Particle heating contributions



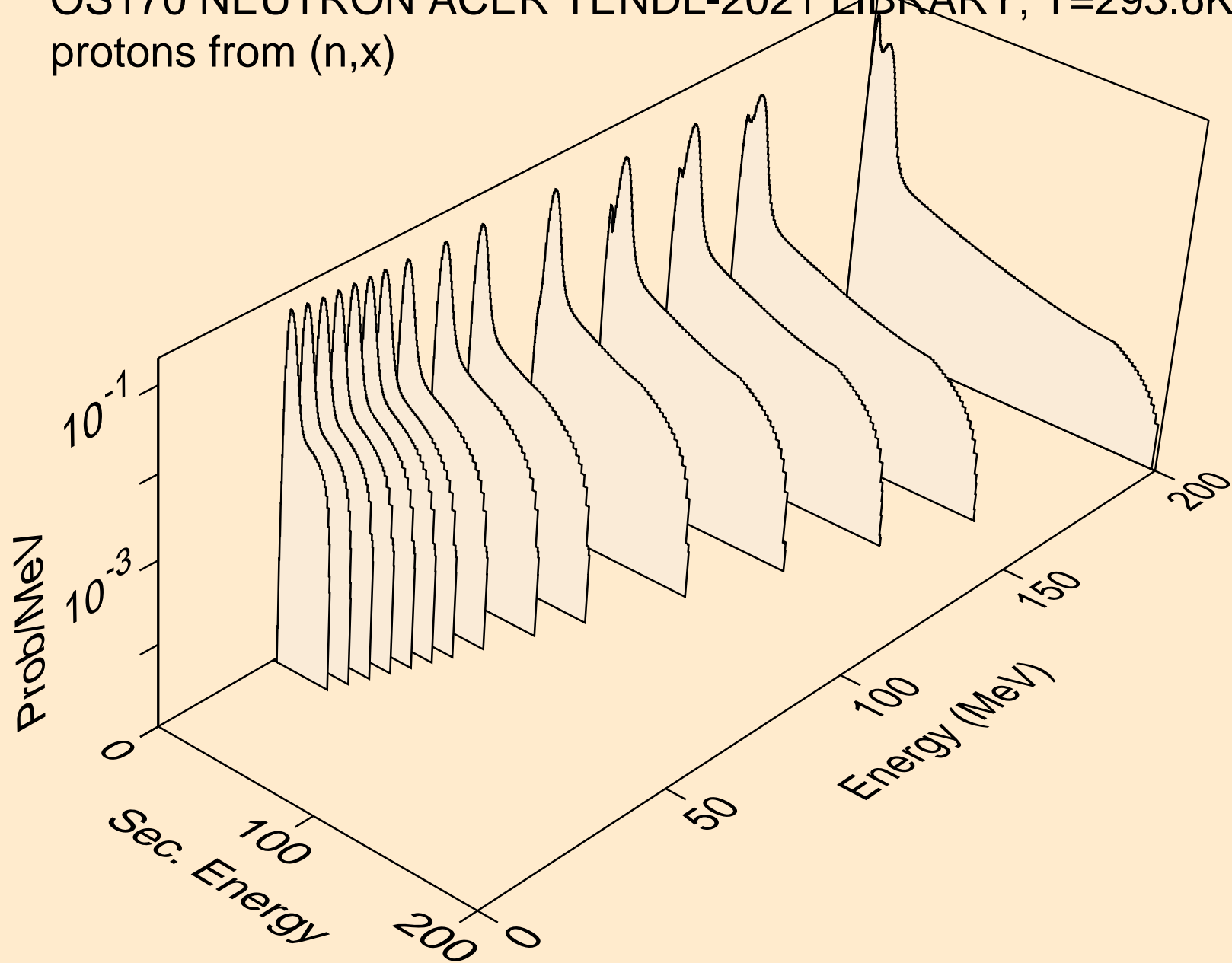
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



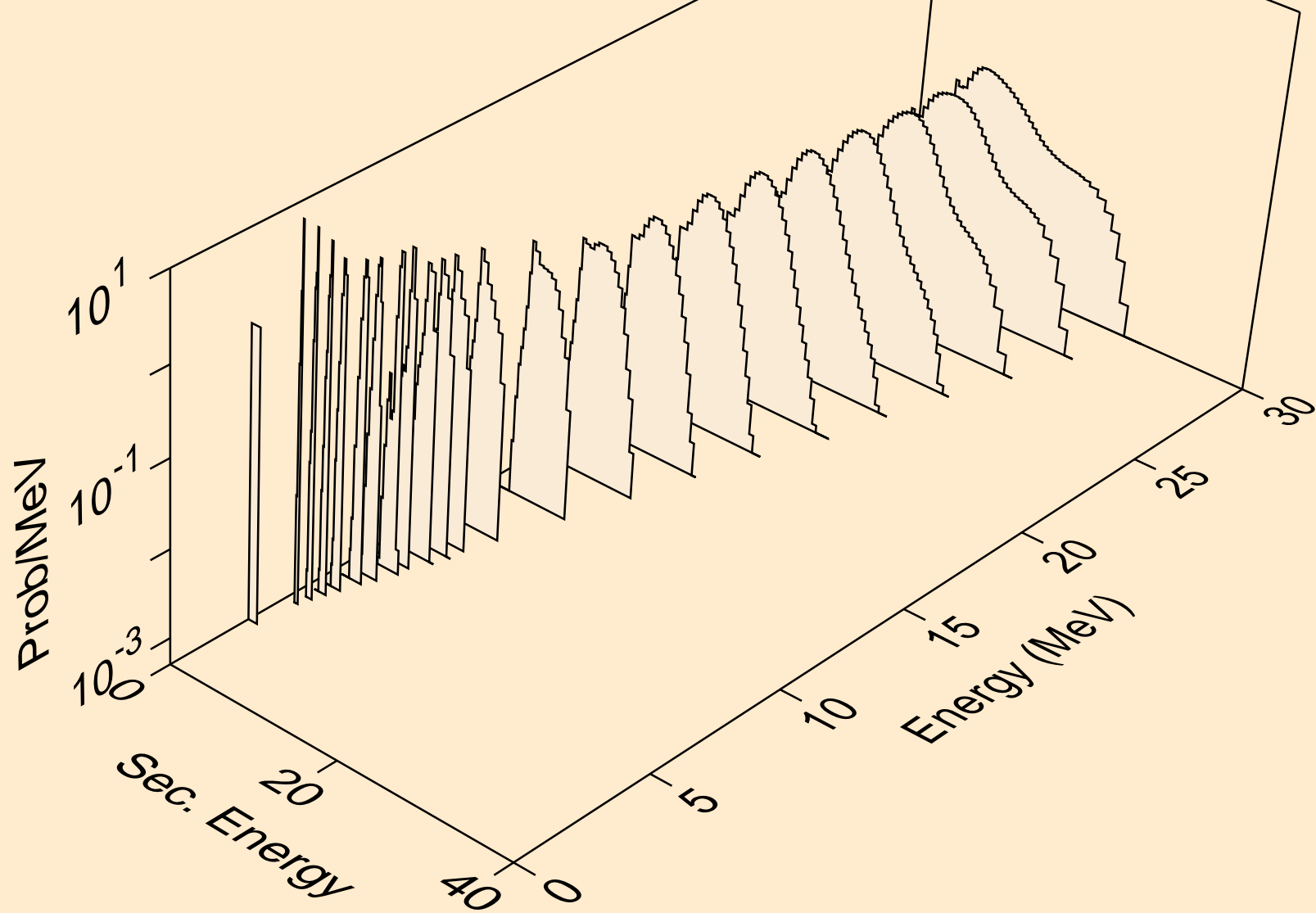
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



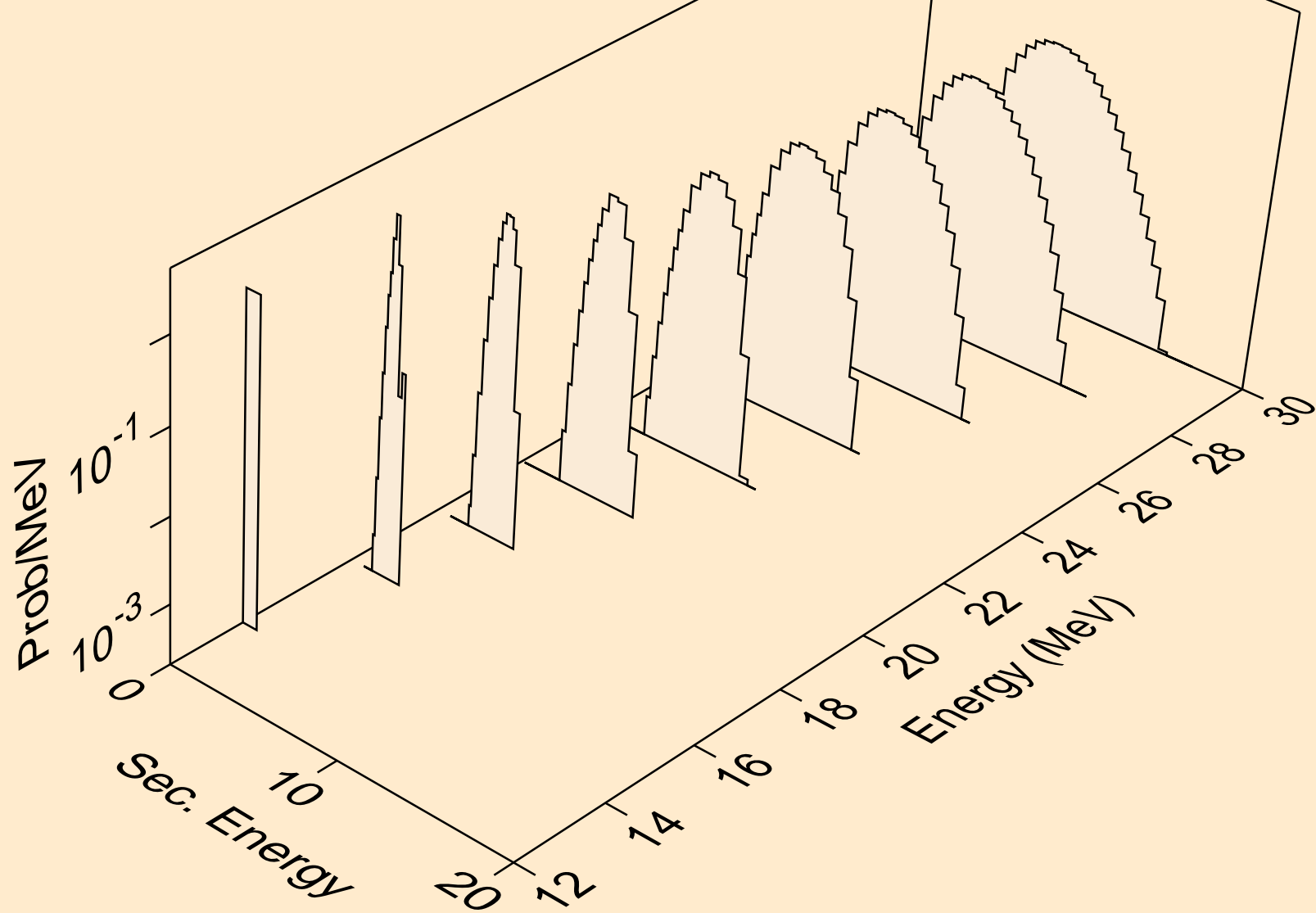
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

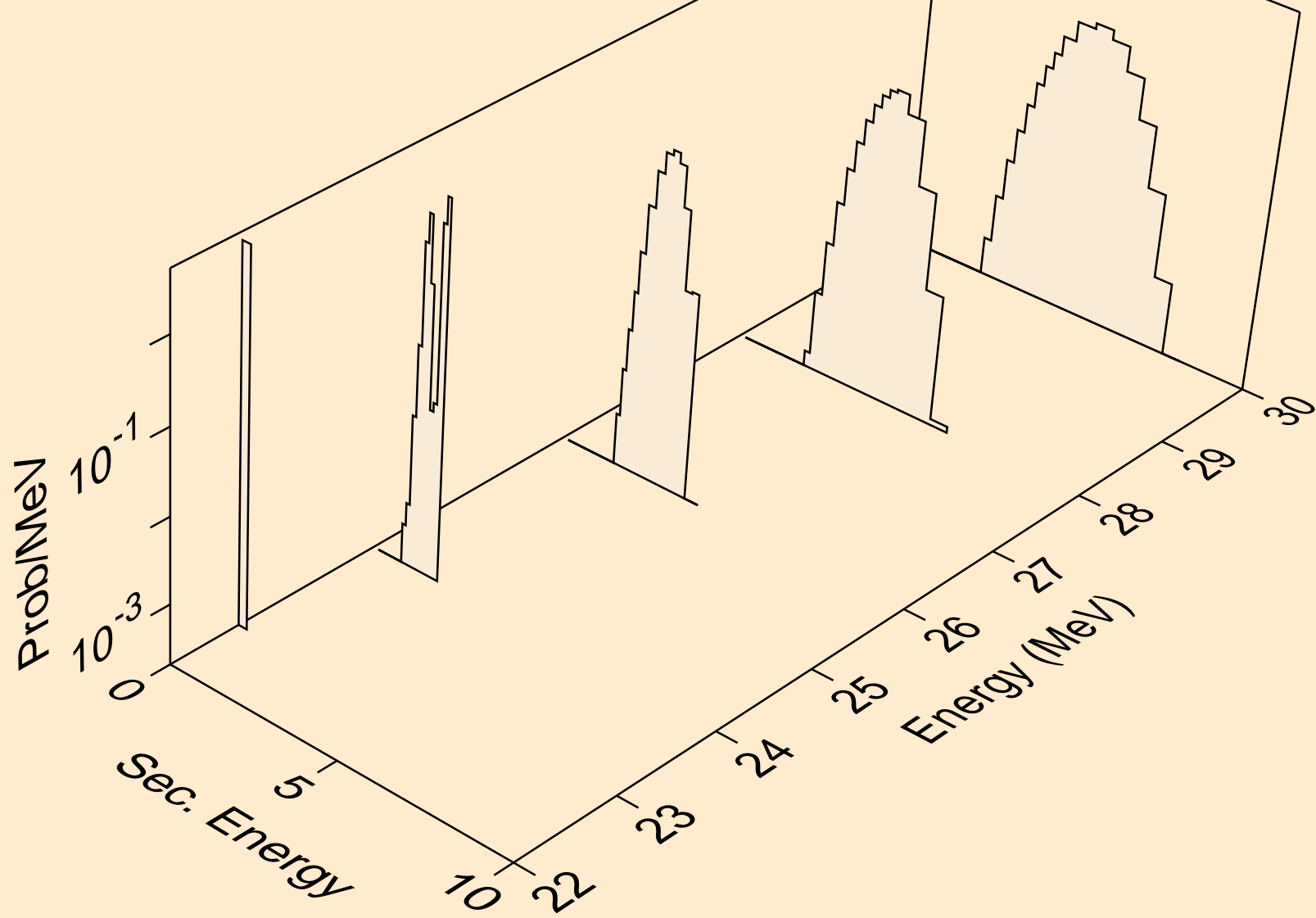


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protons from (n,2np)

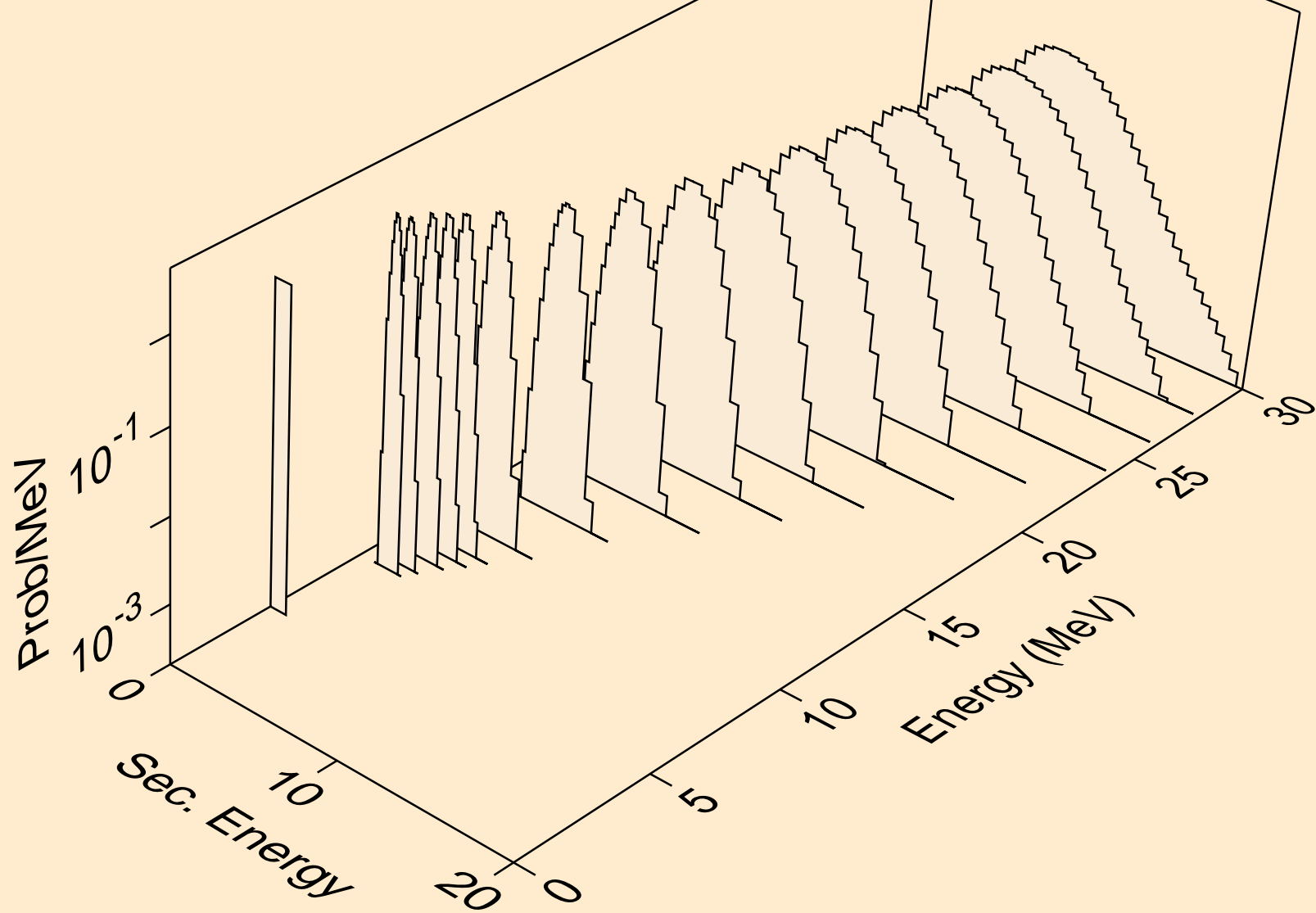




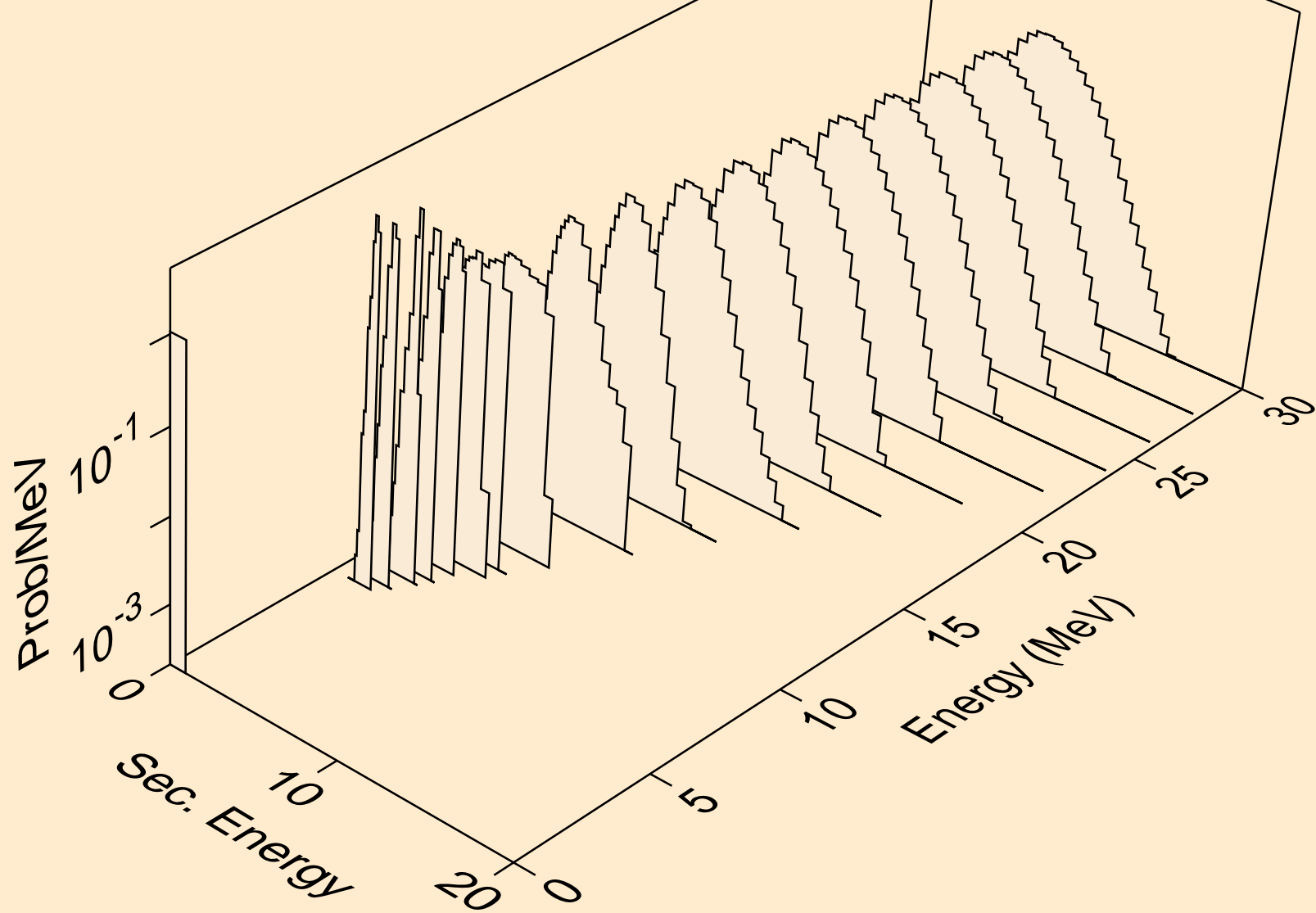
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protons from (n,3np)



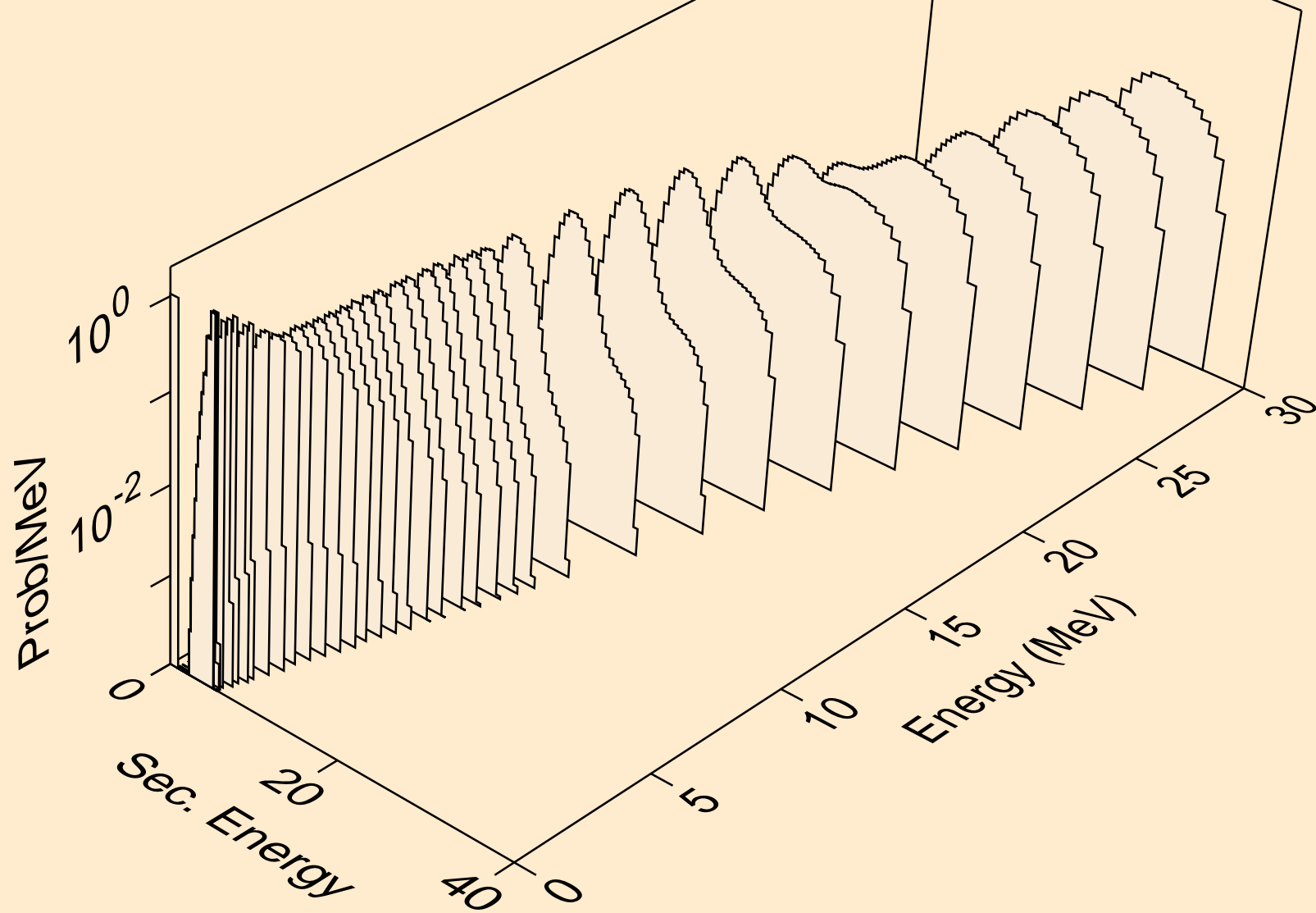
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protons from (n,2np)



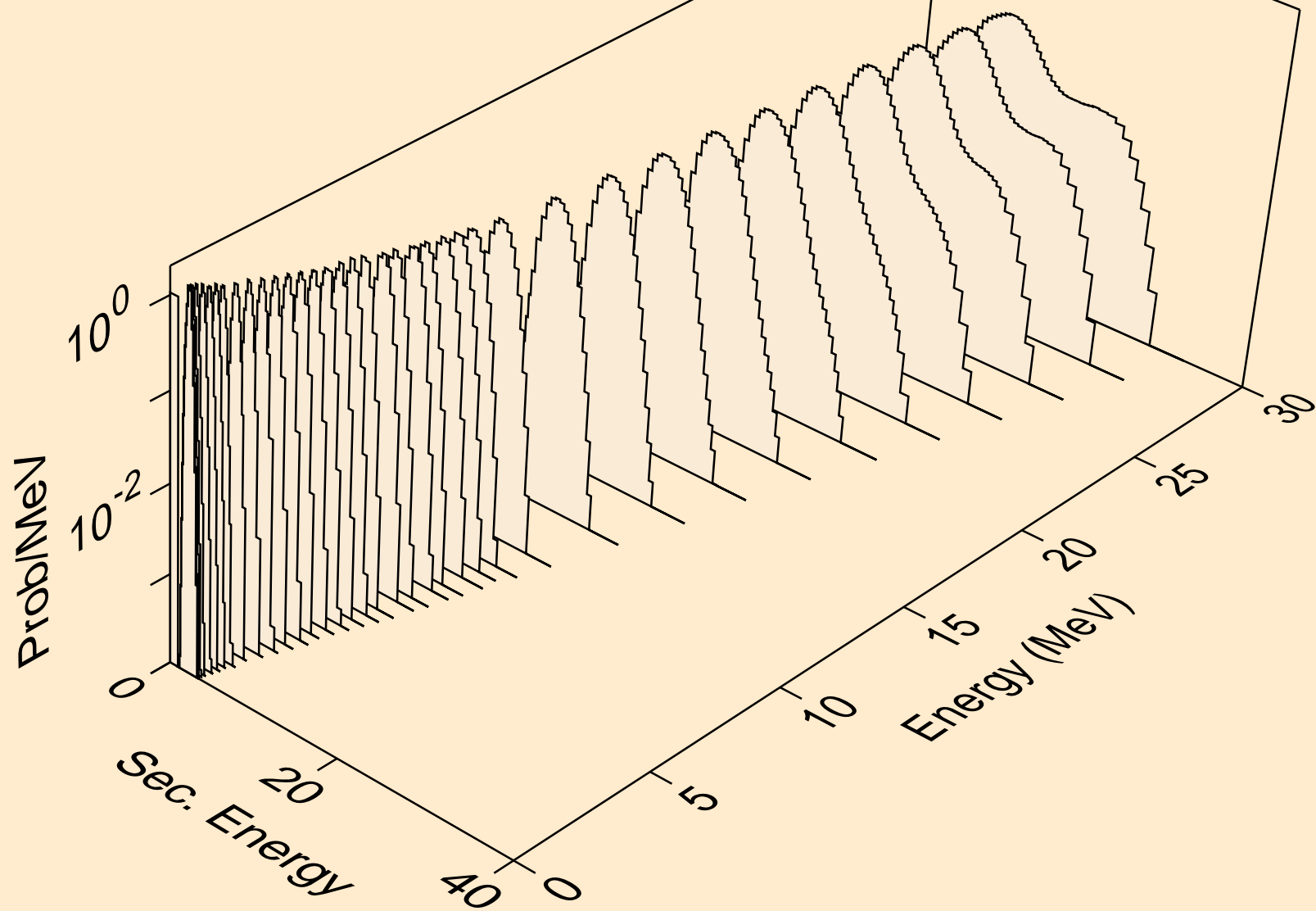
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protons from (n,npa)



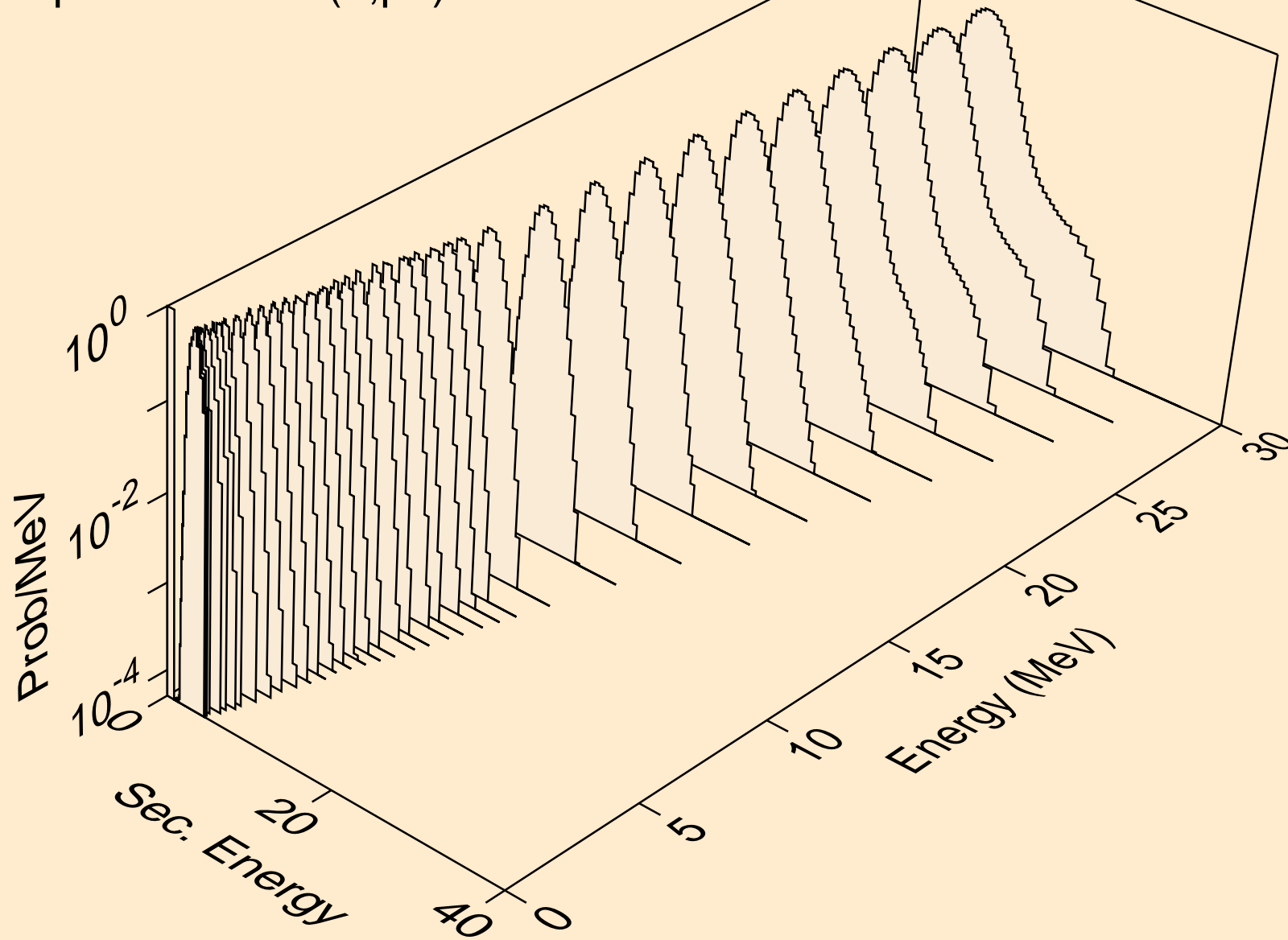
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



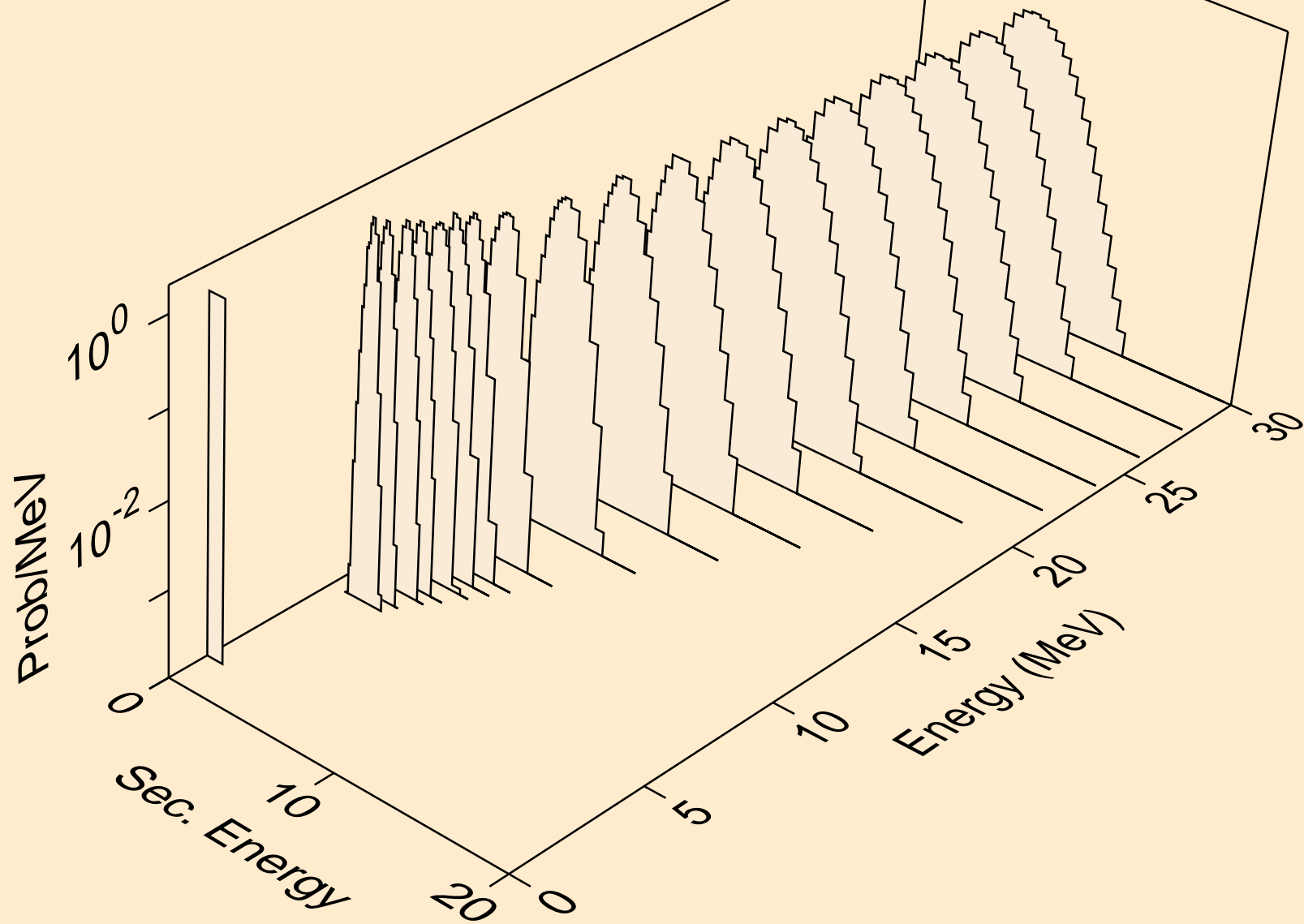
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



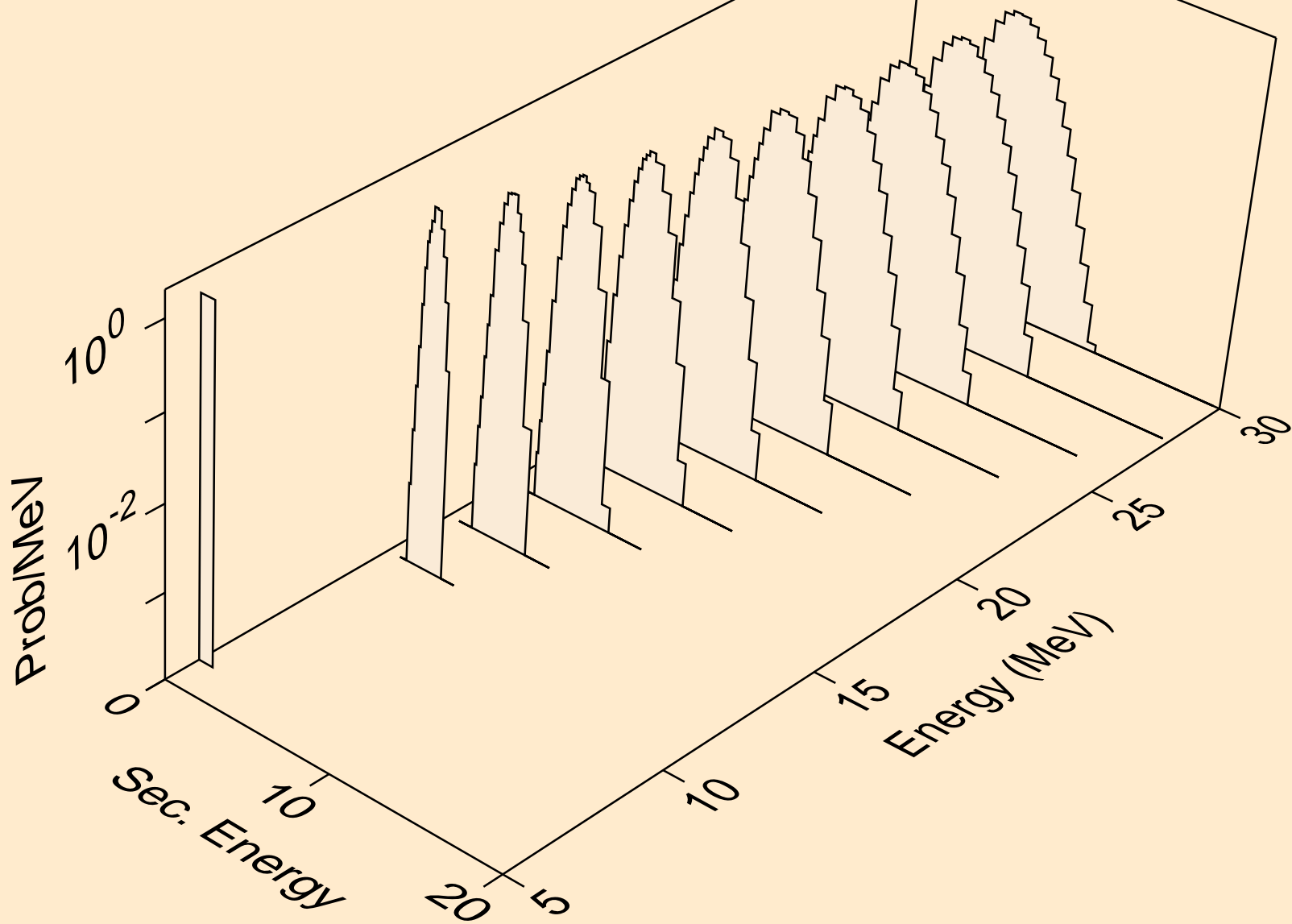
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

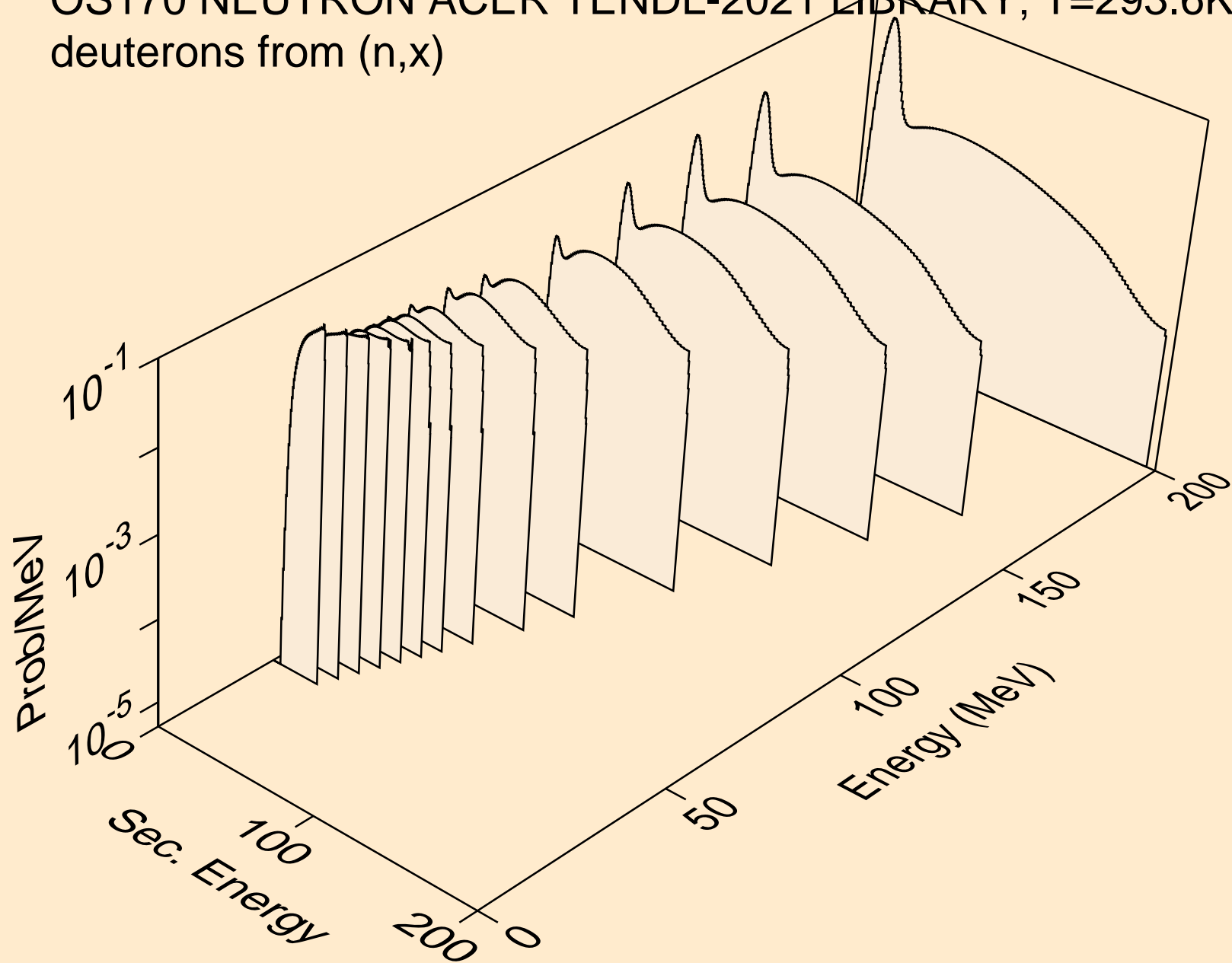


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

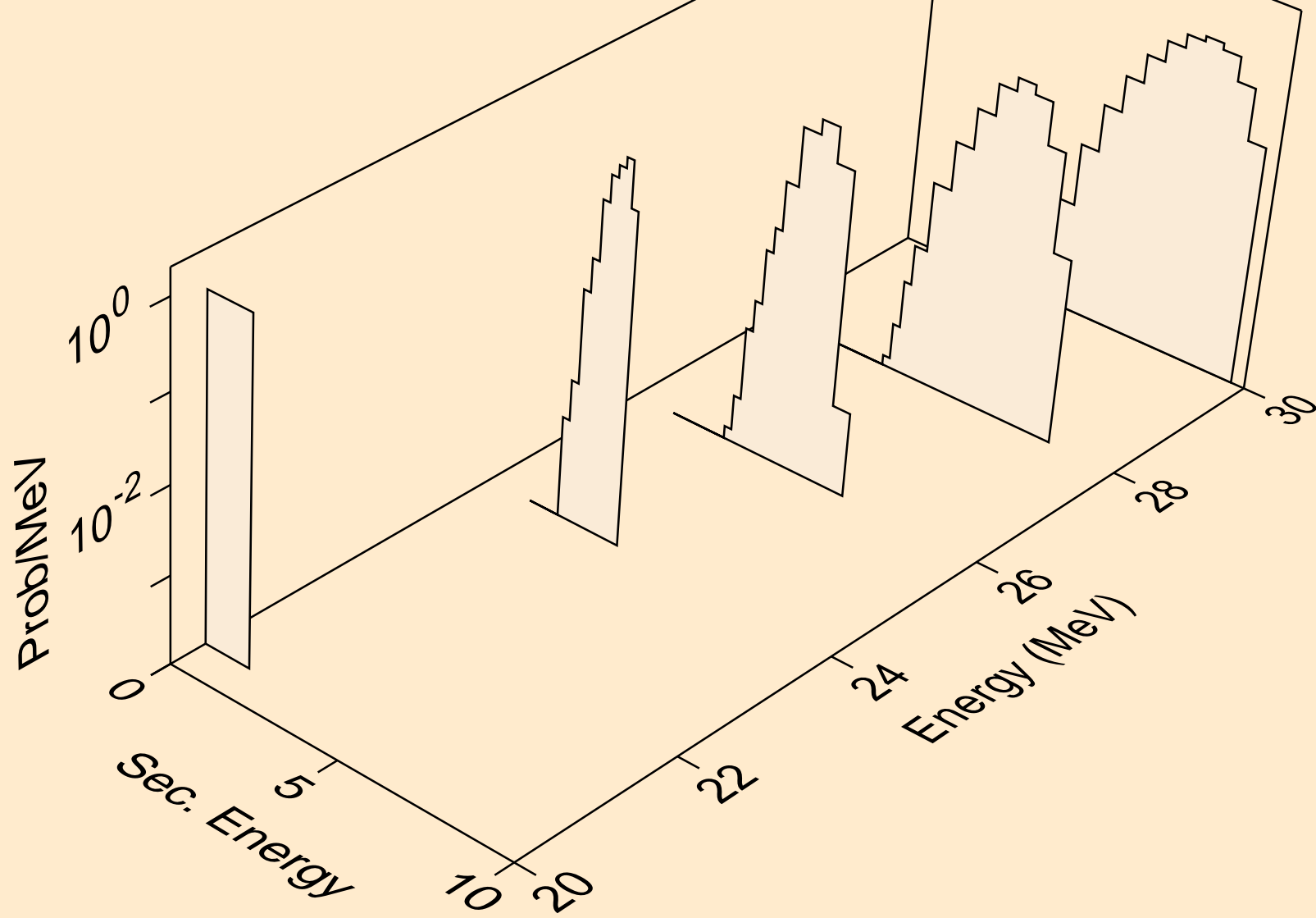




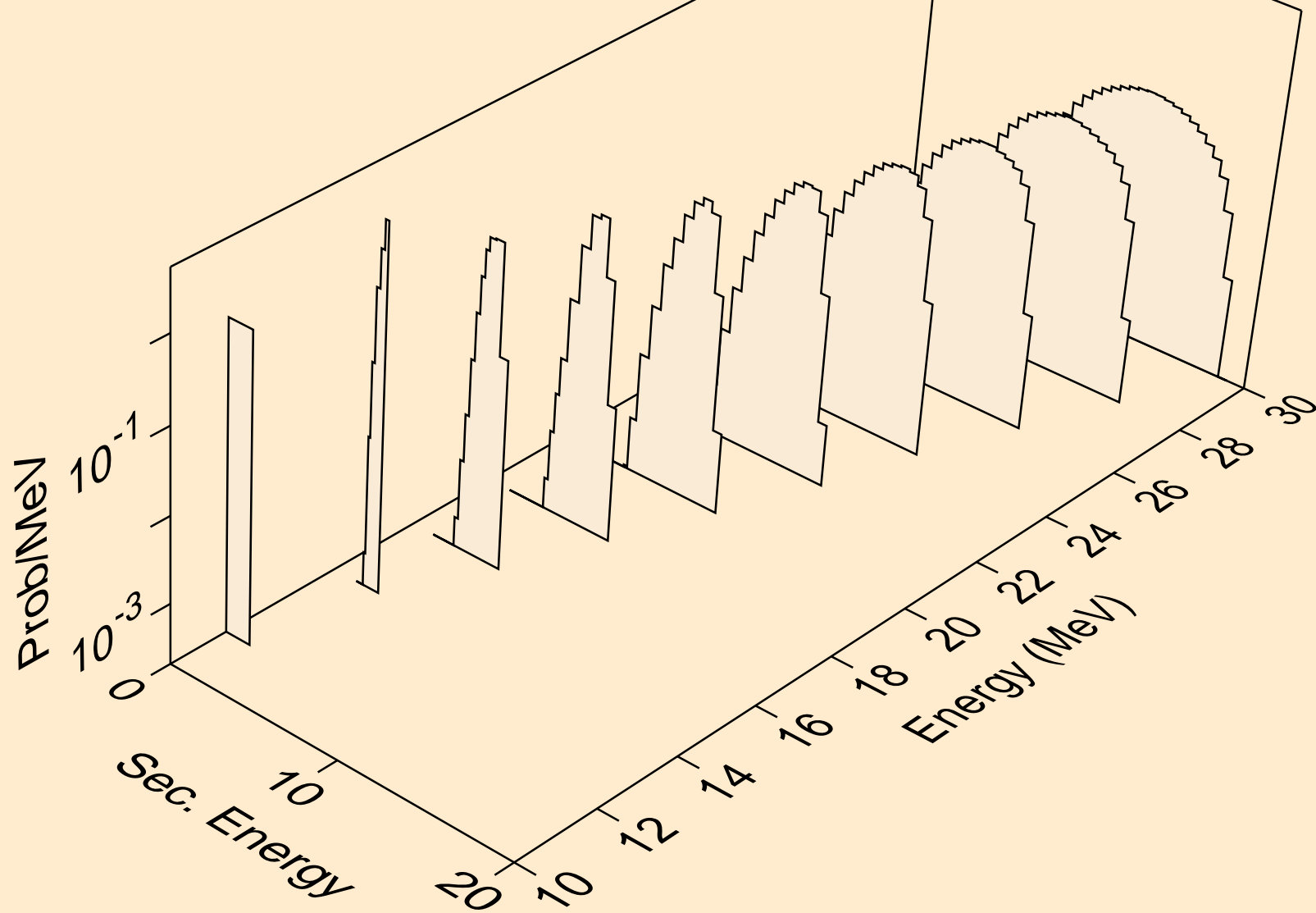
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



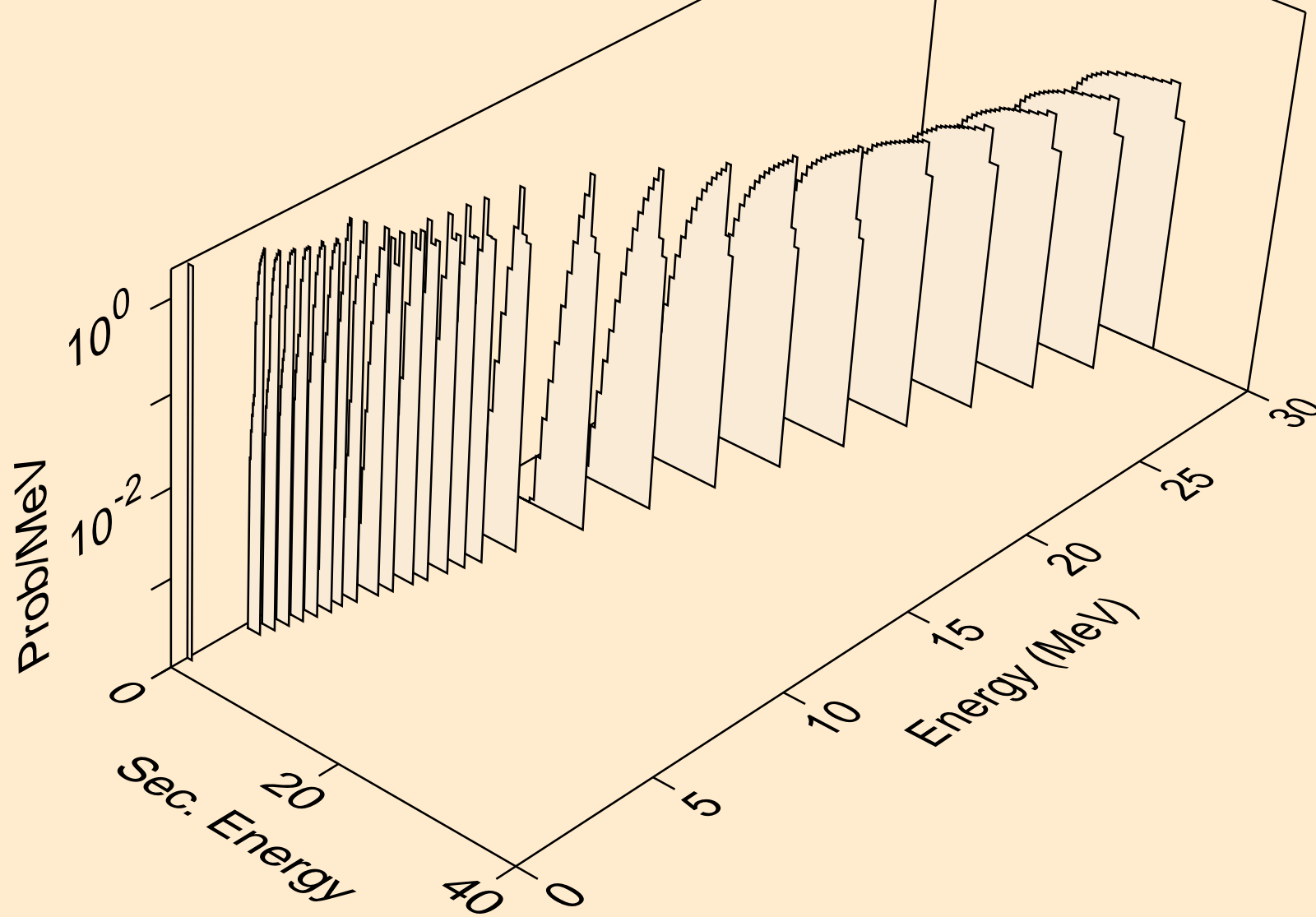
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



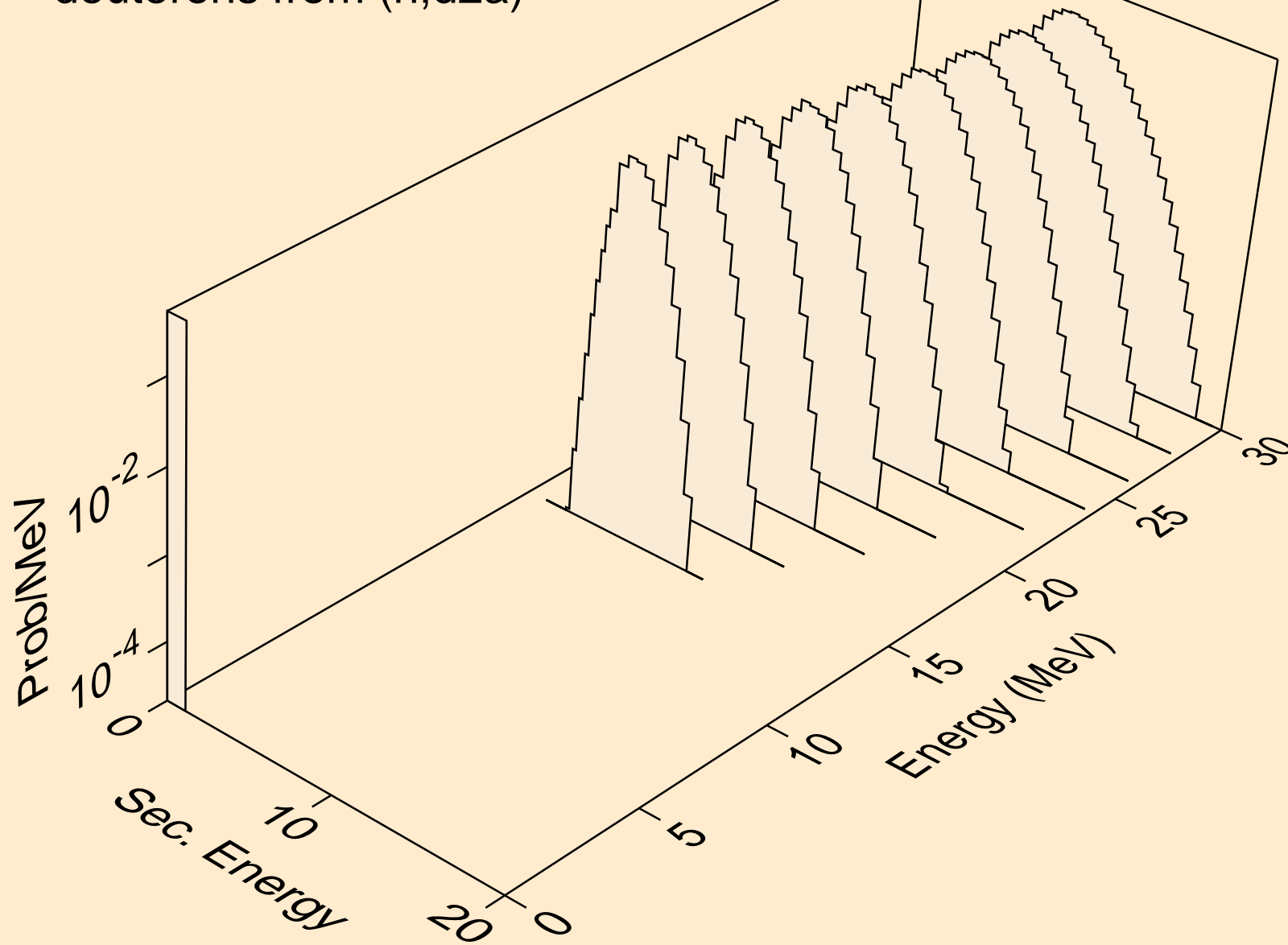
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



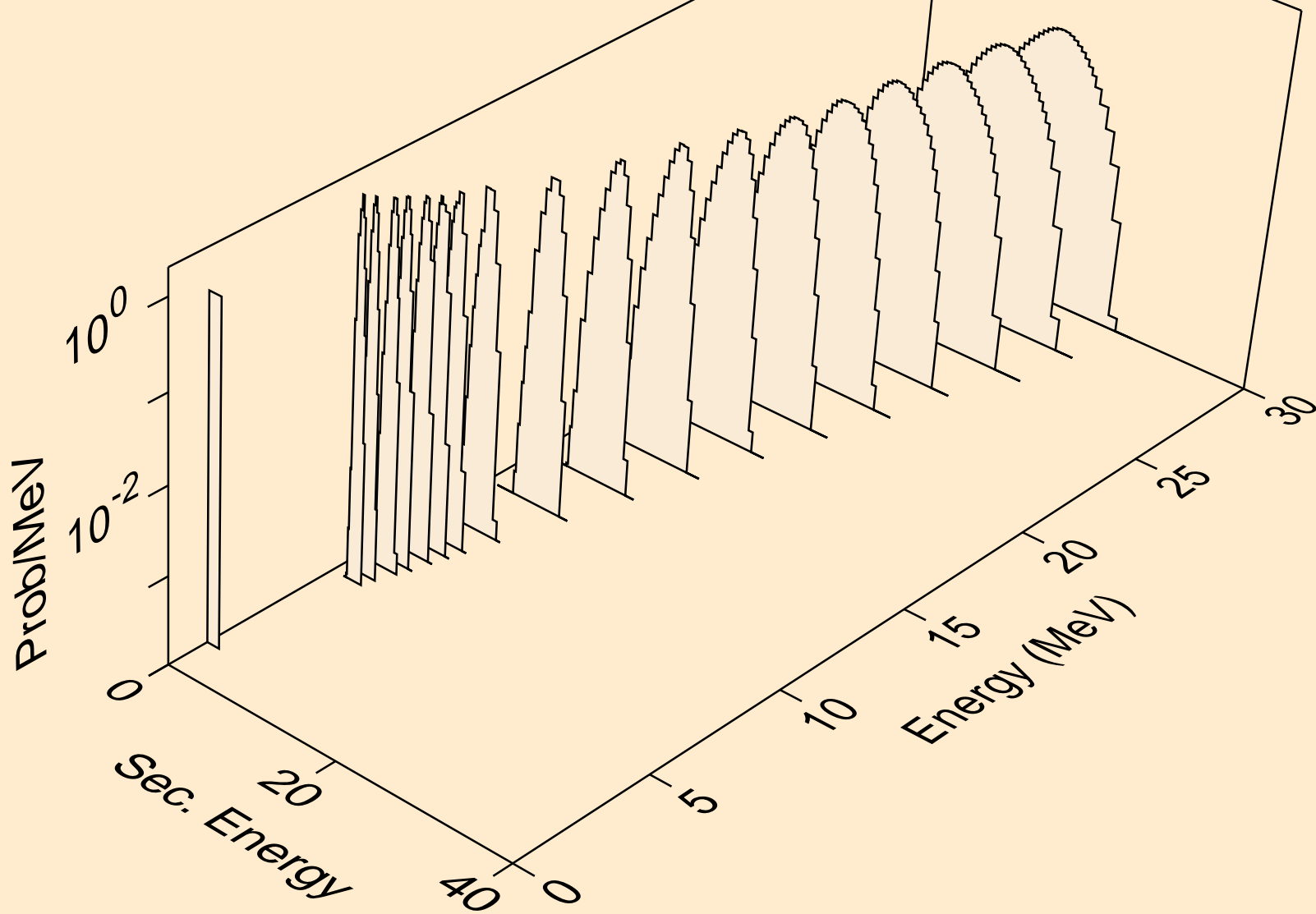
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deuterons from (n,d)



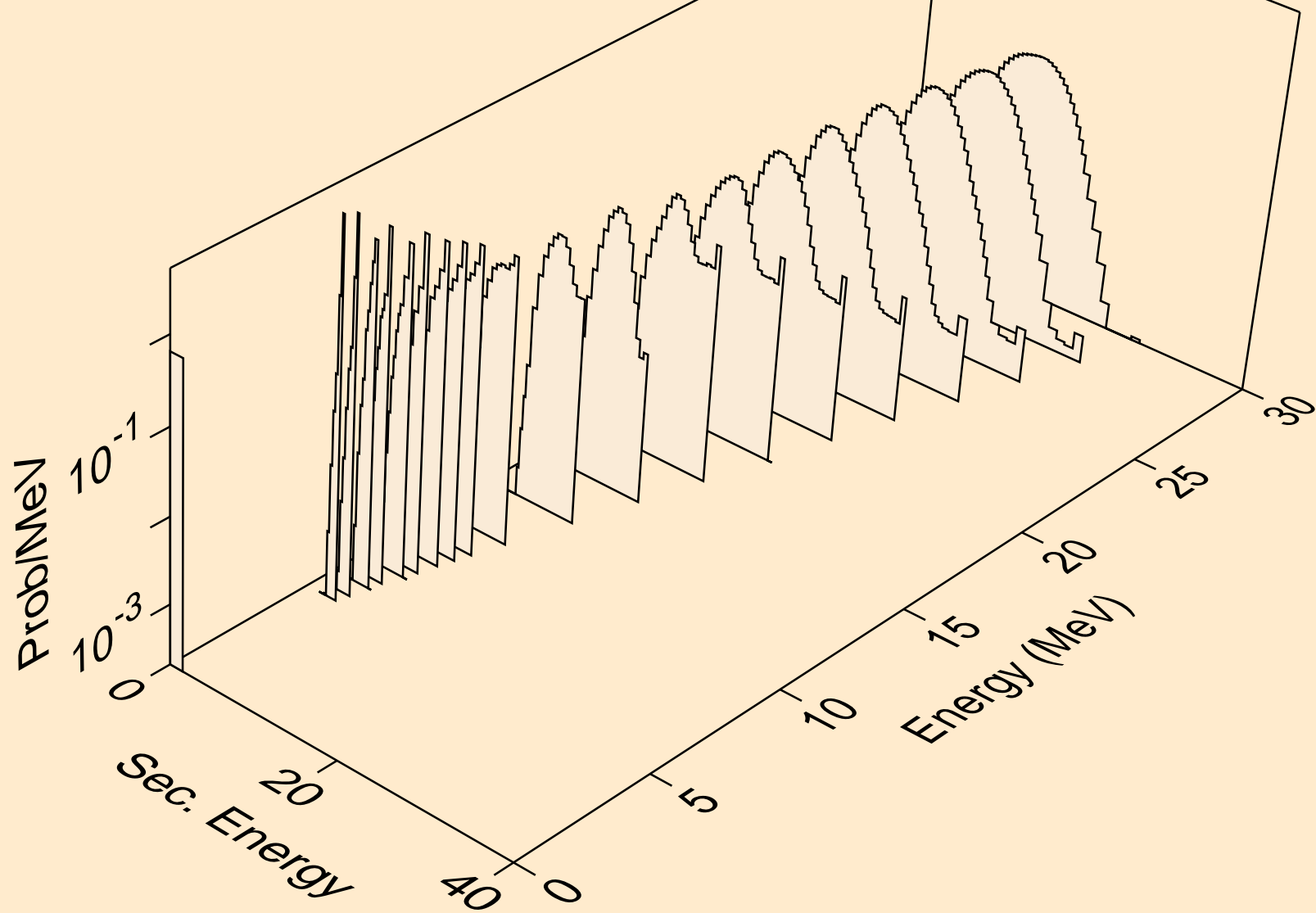
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d2a)



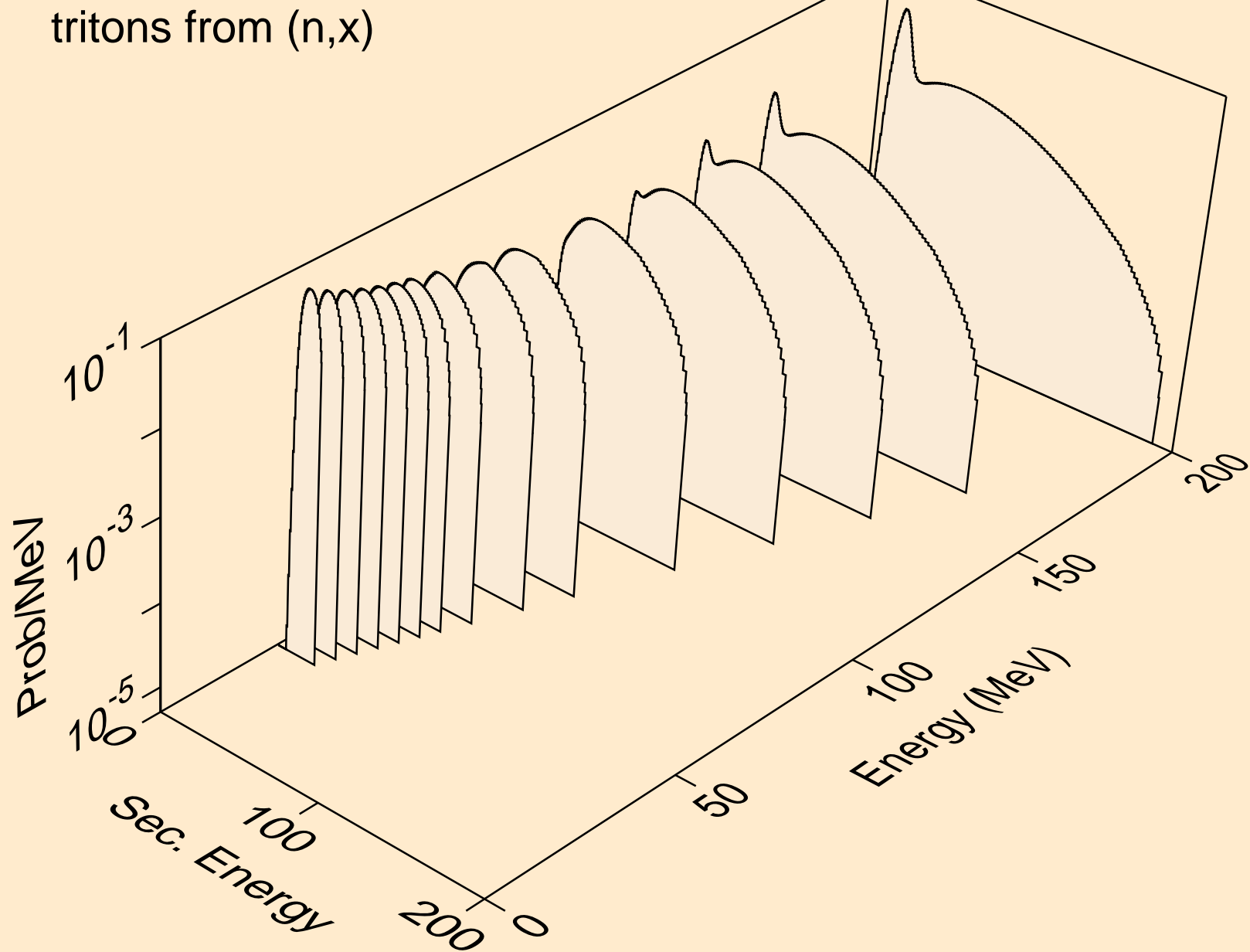
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

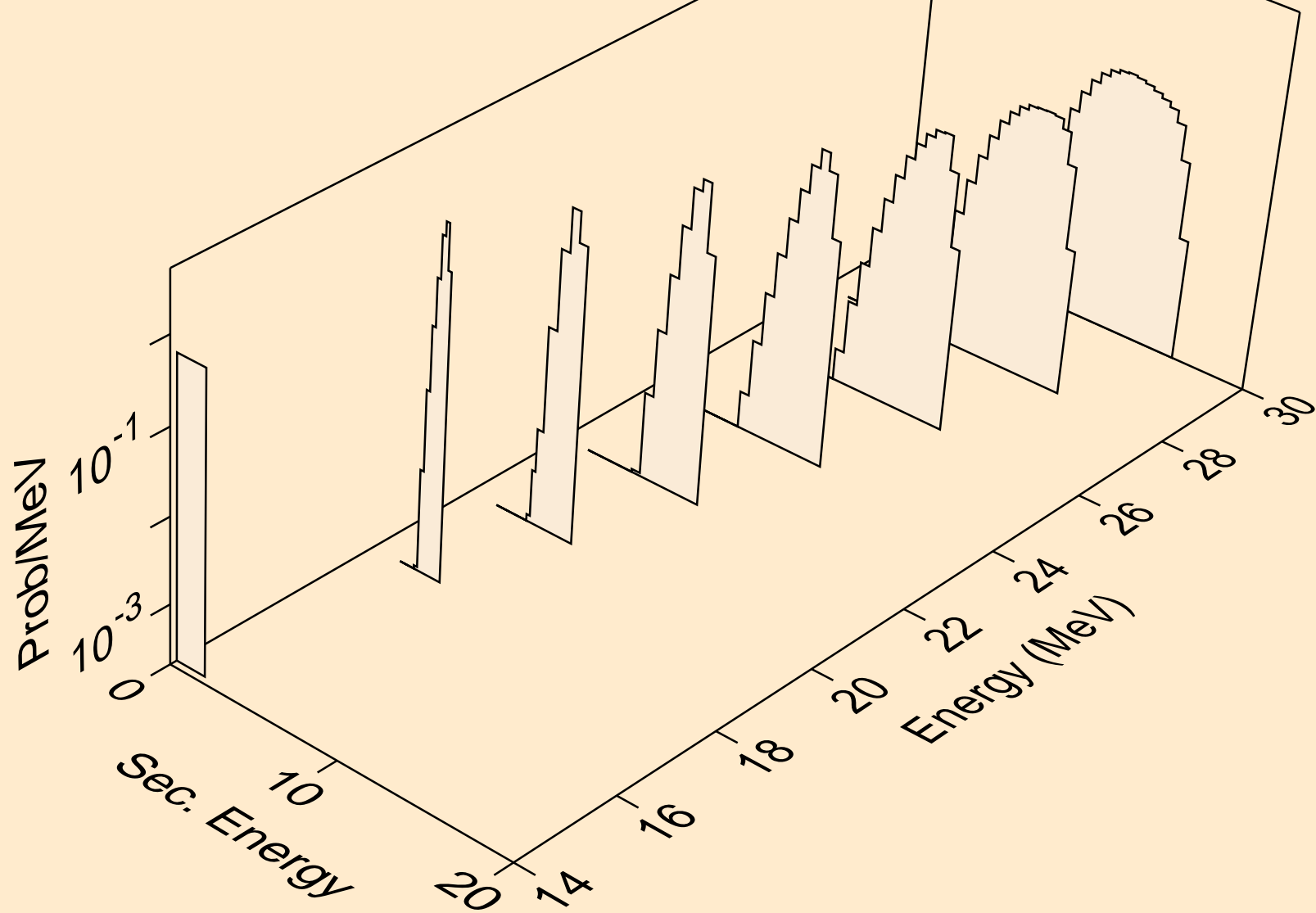


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

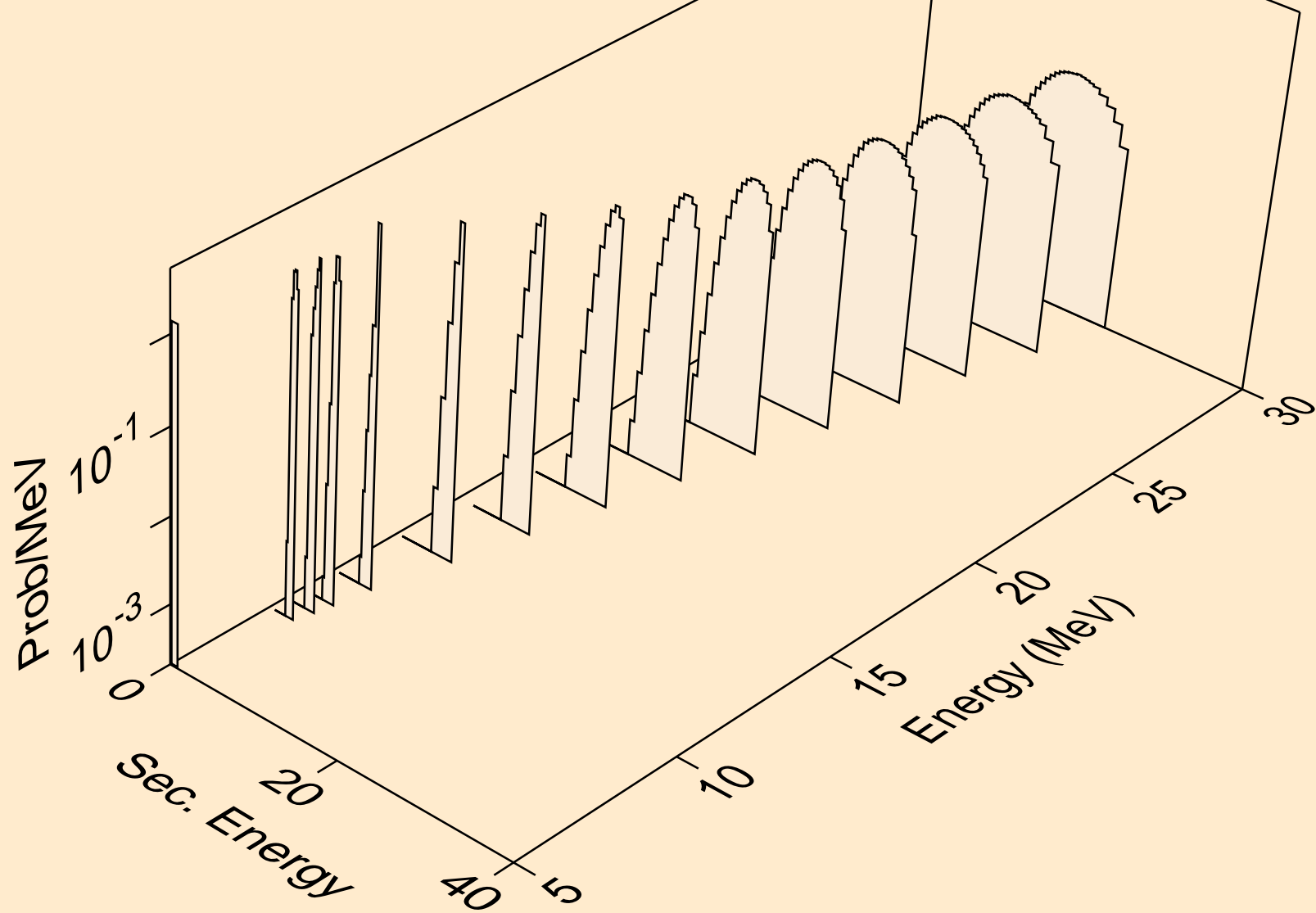




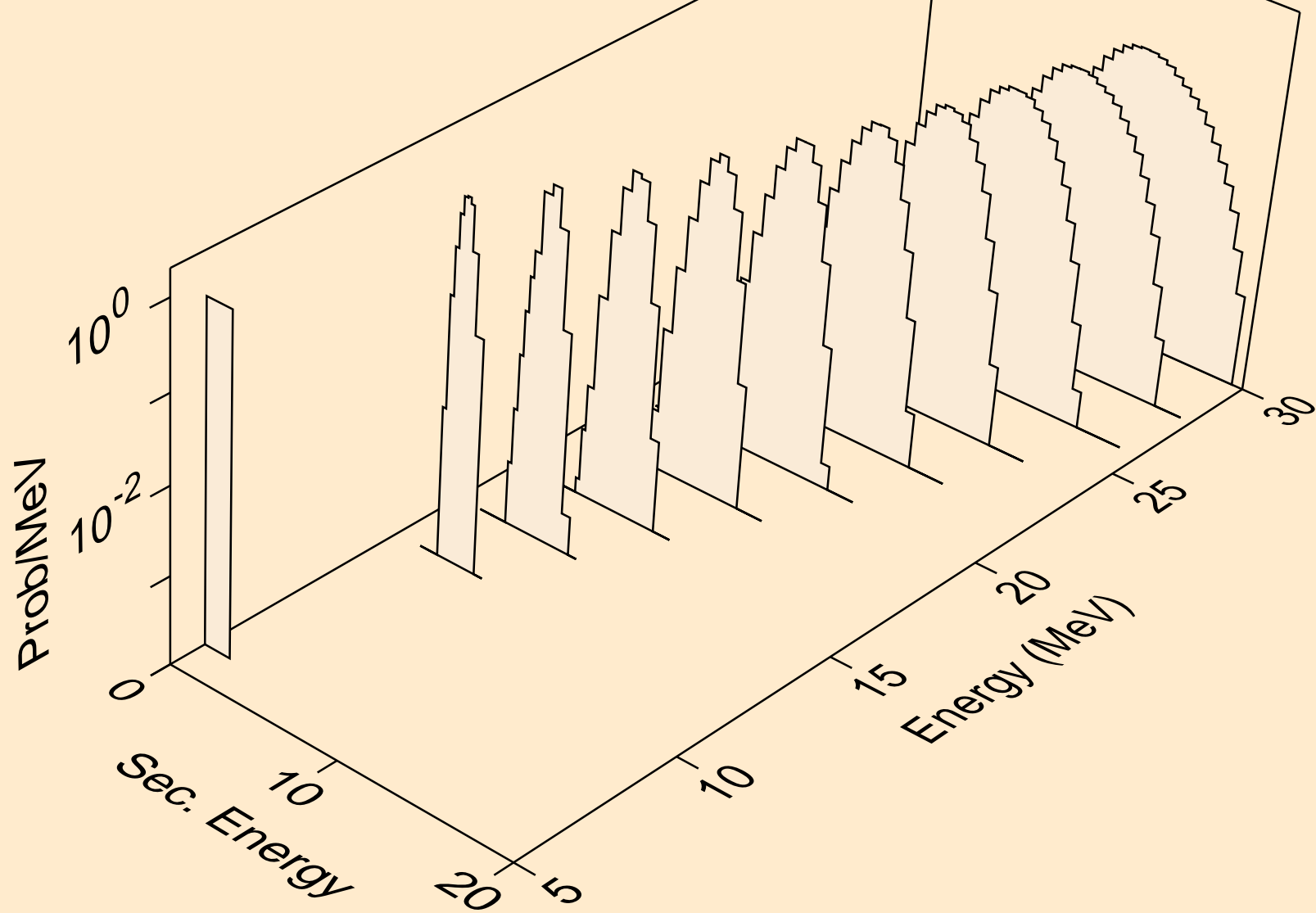
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



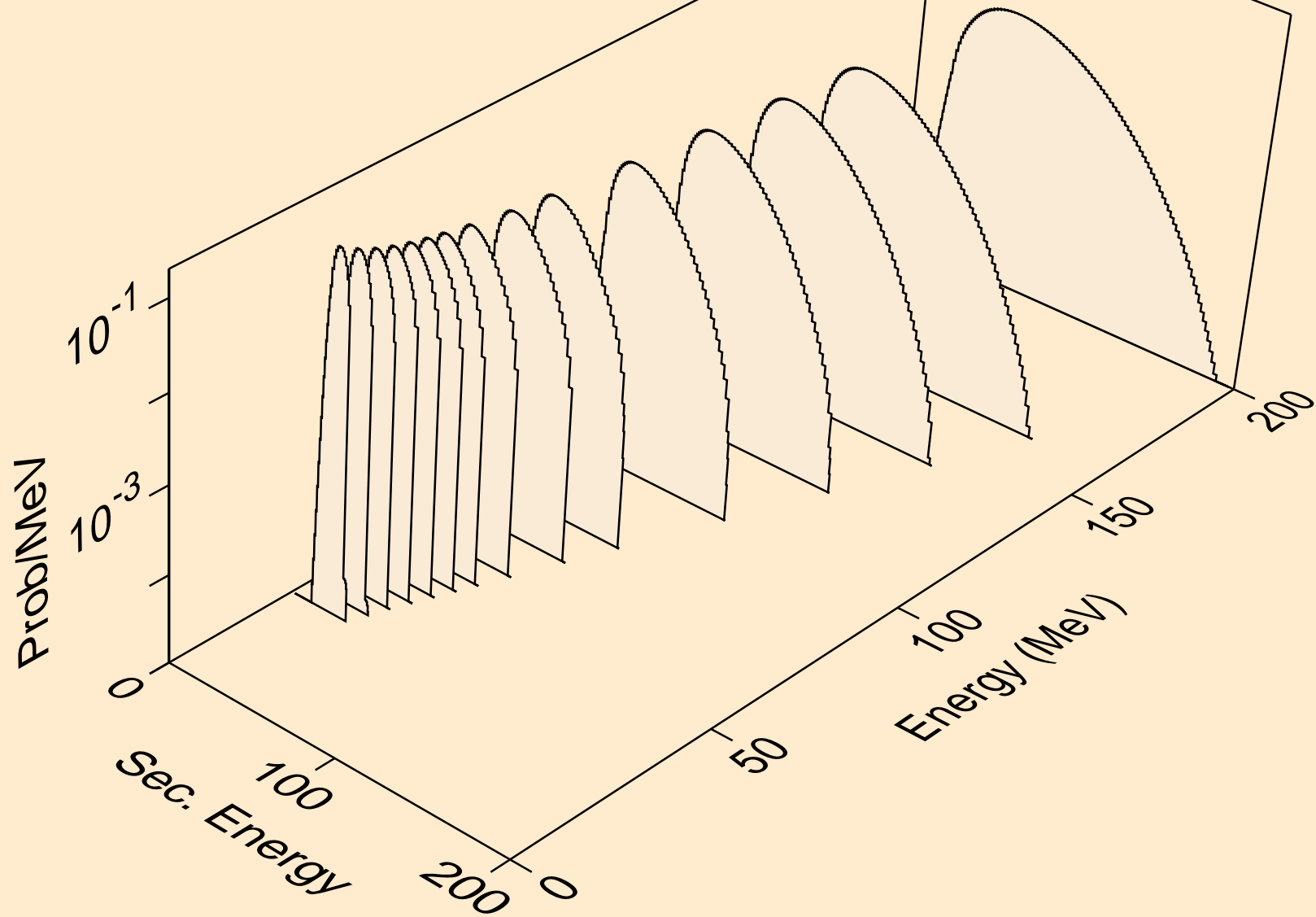
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tritons from (n,t)



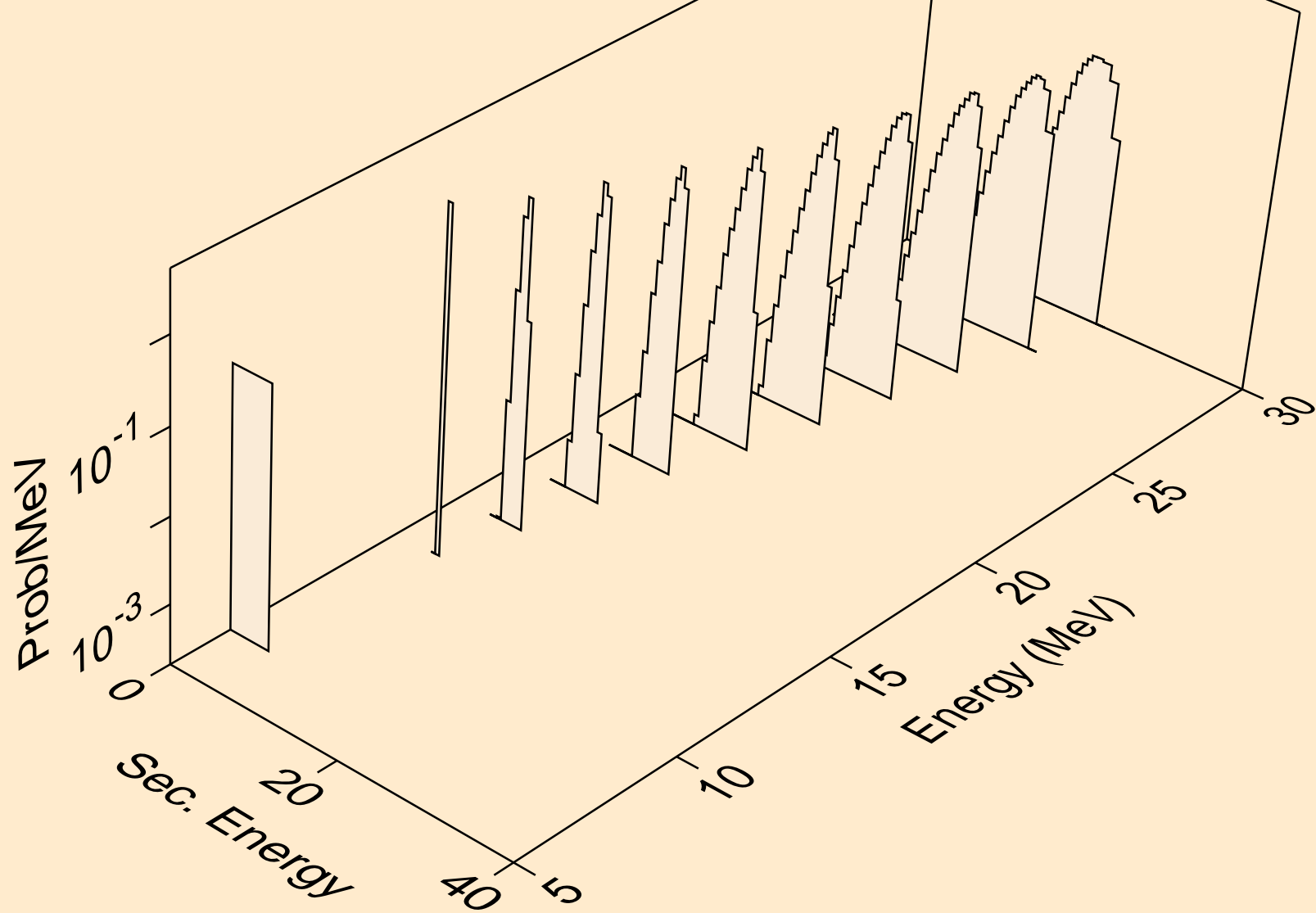
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



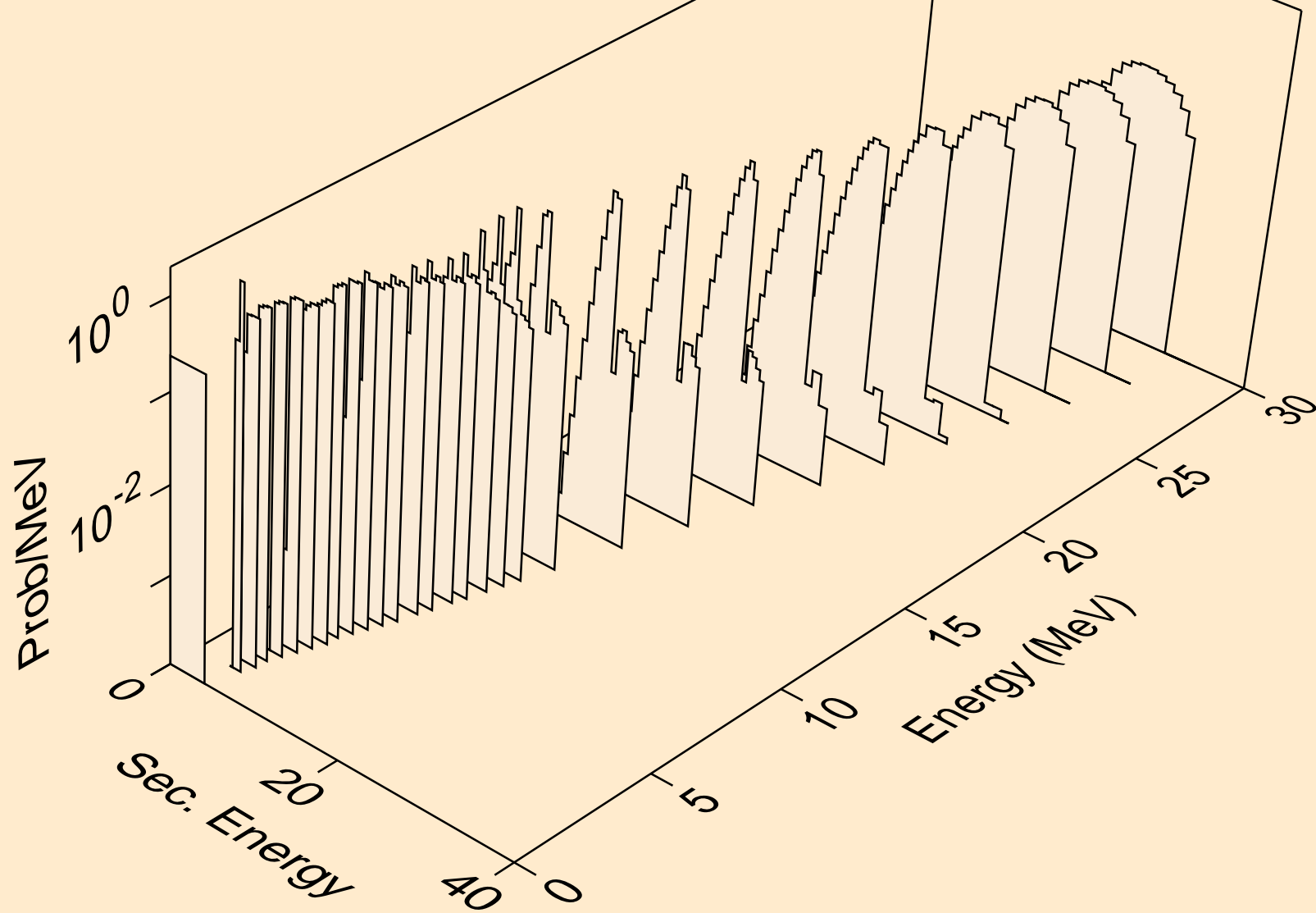
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



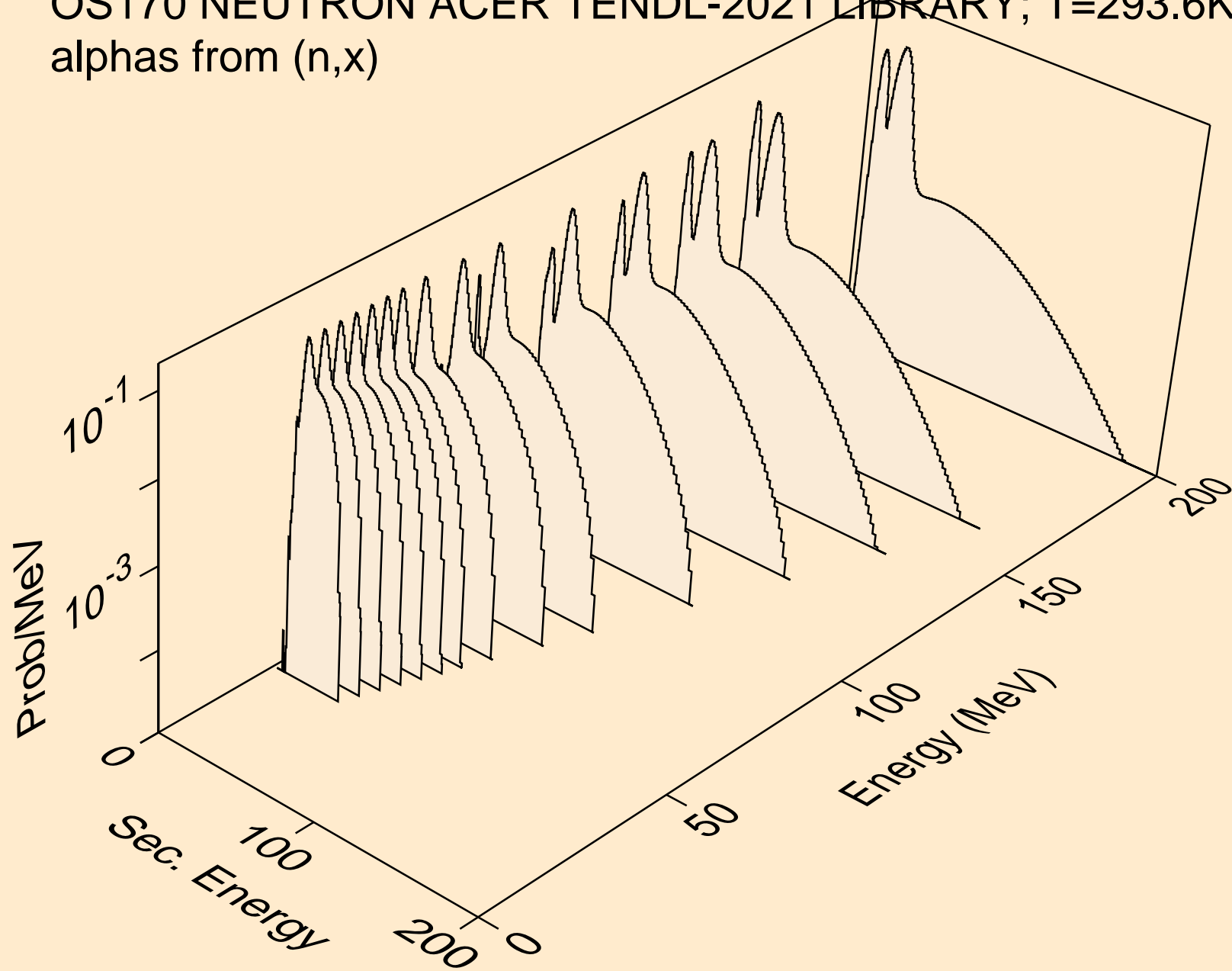
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



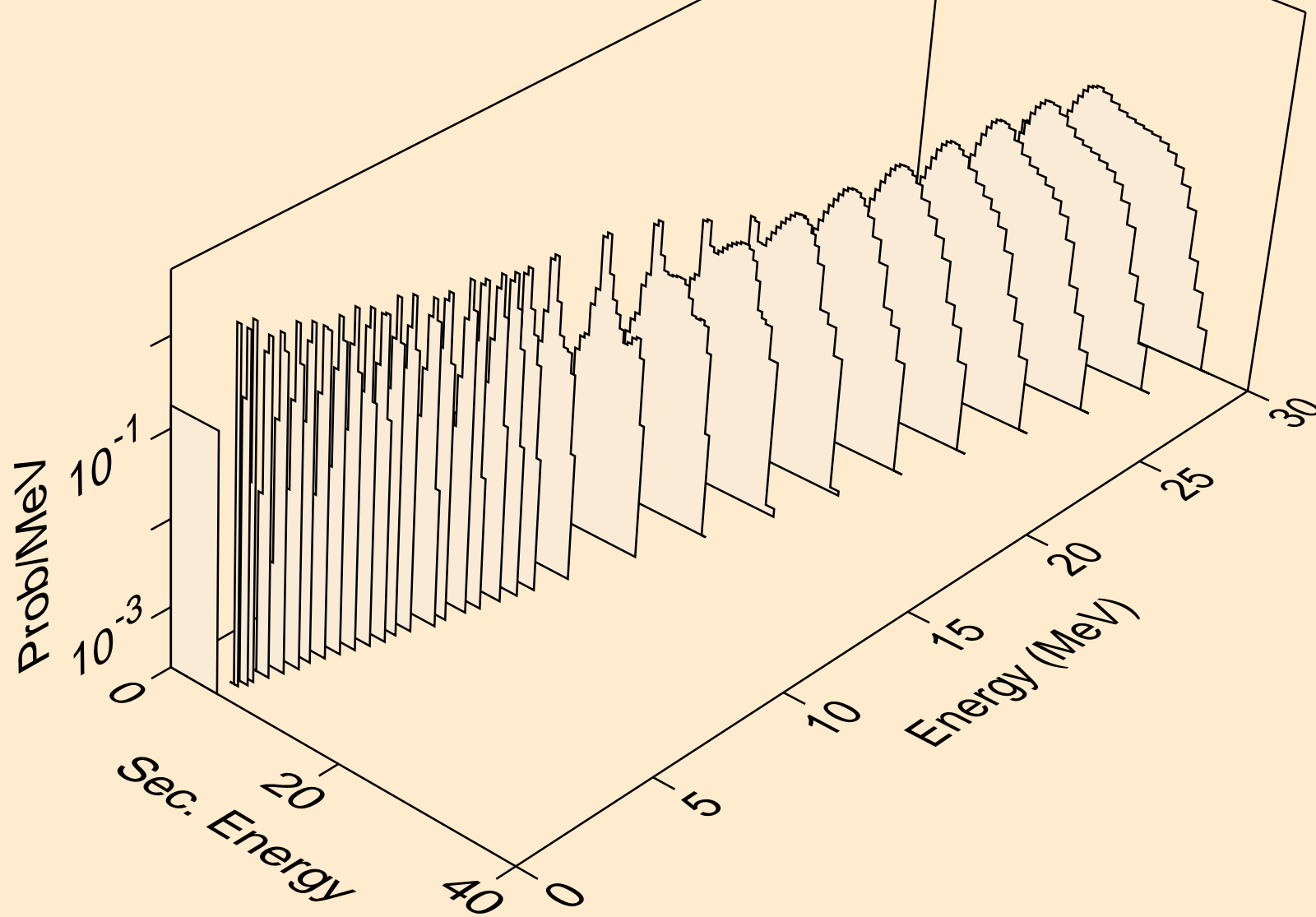
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

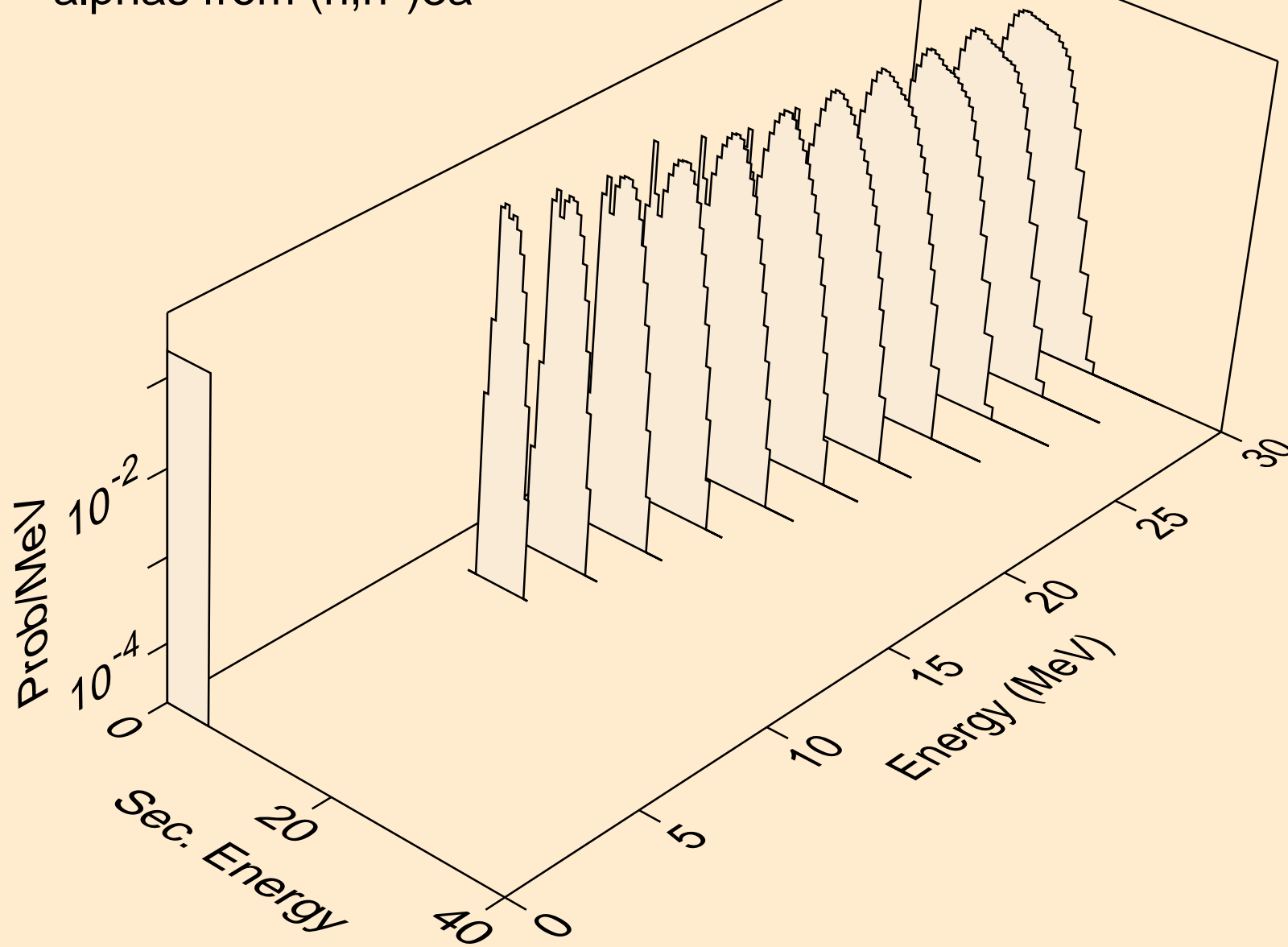


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

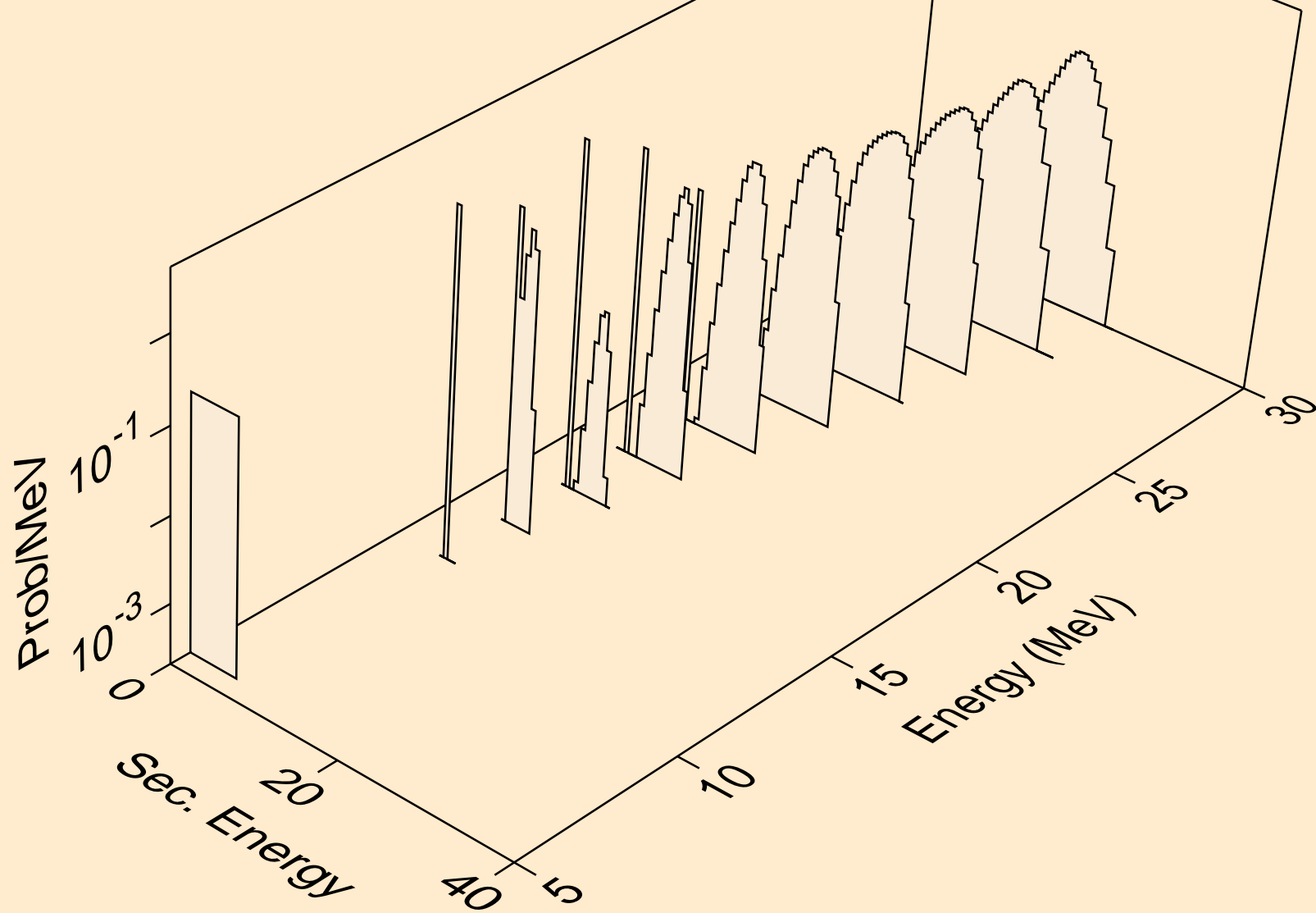




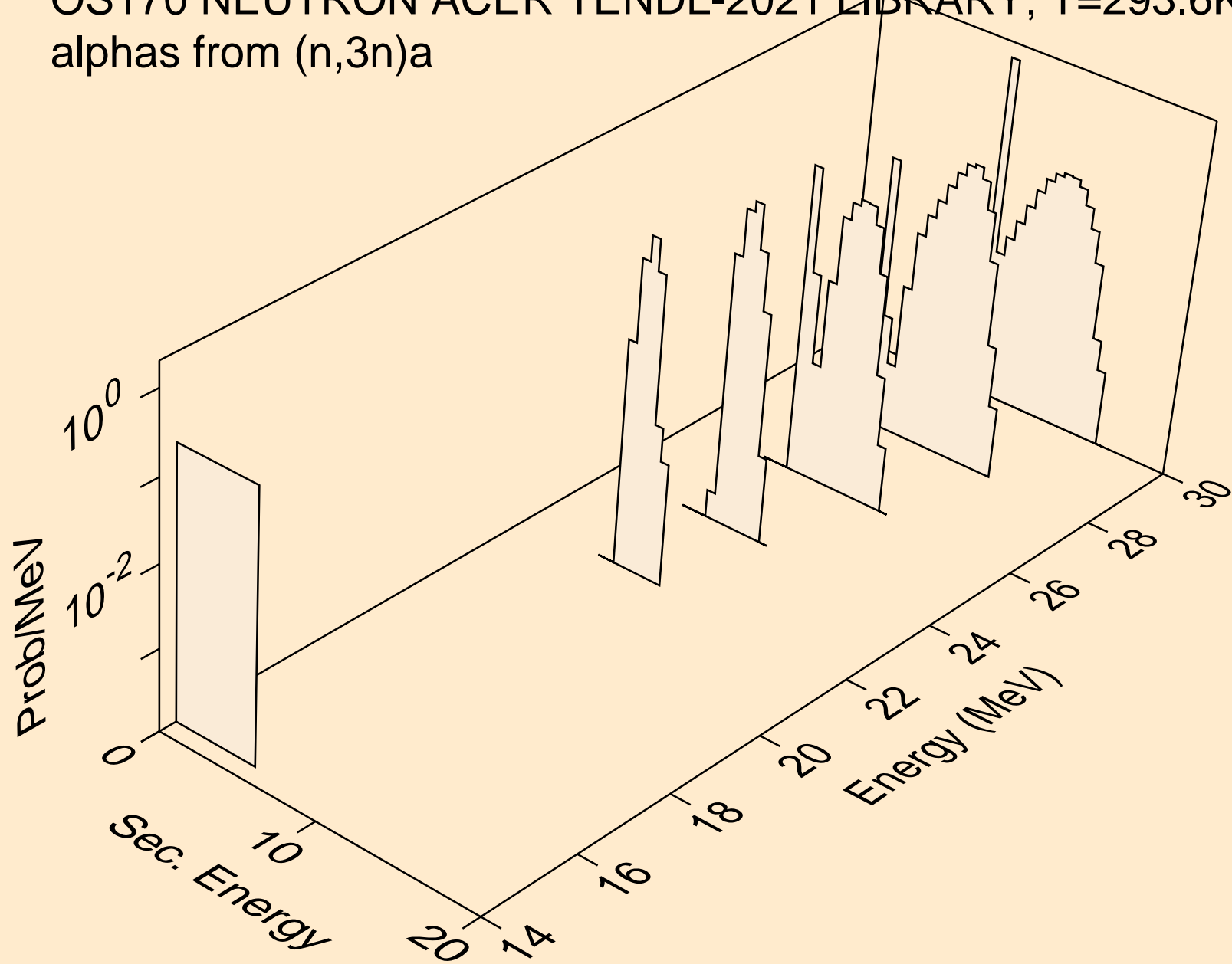
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)3a



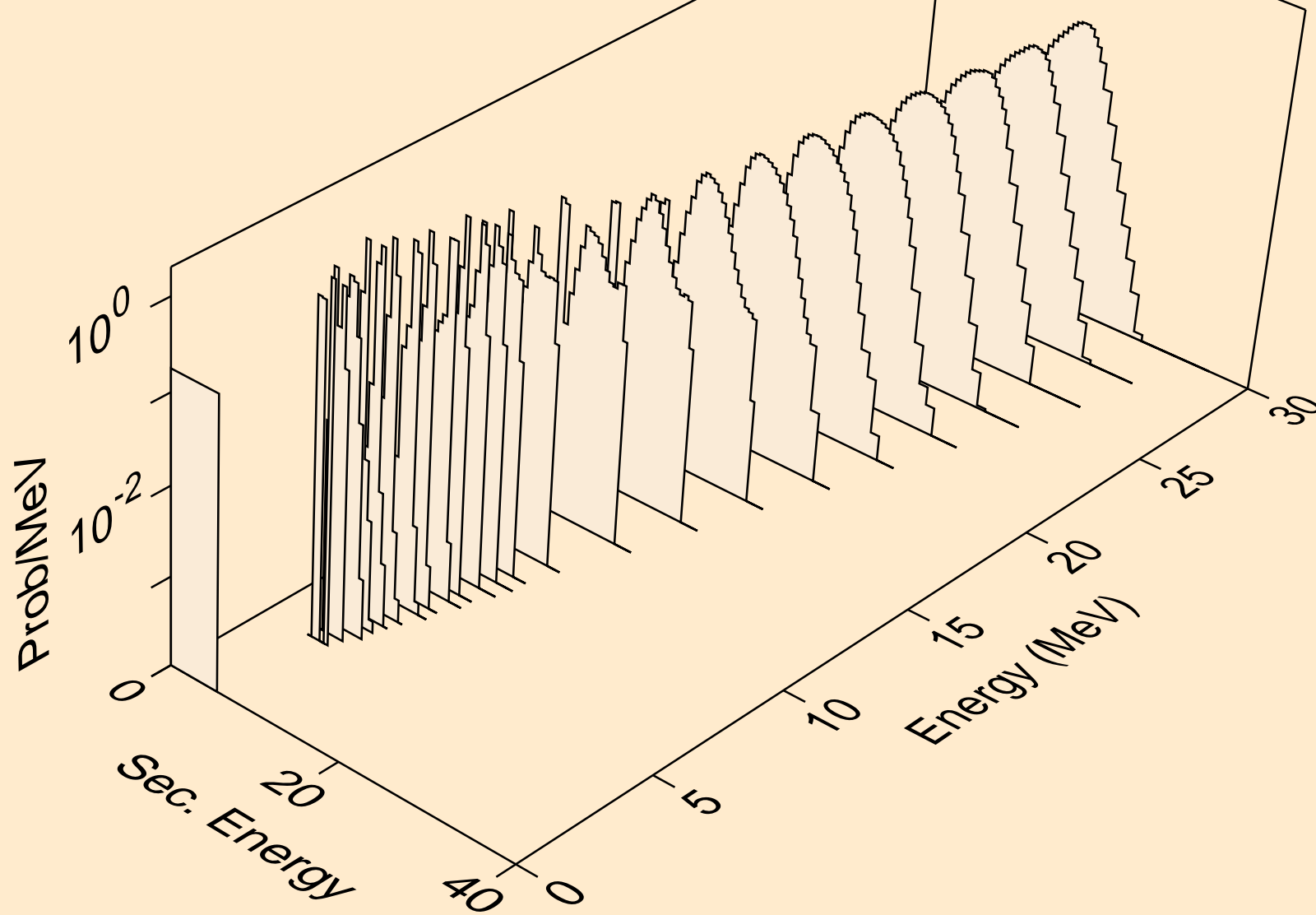
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



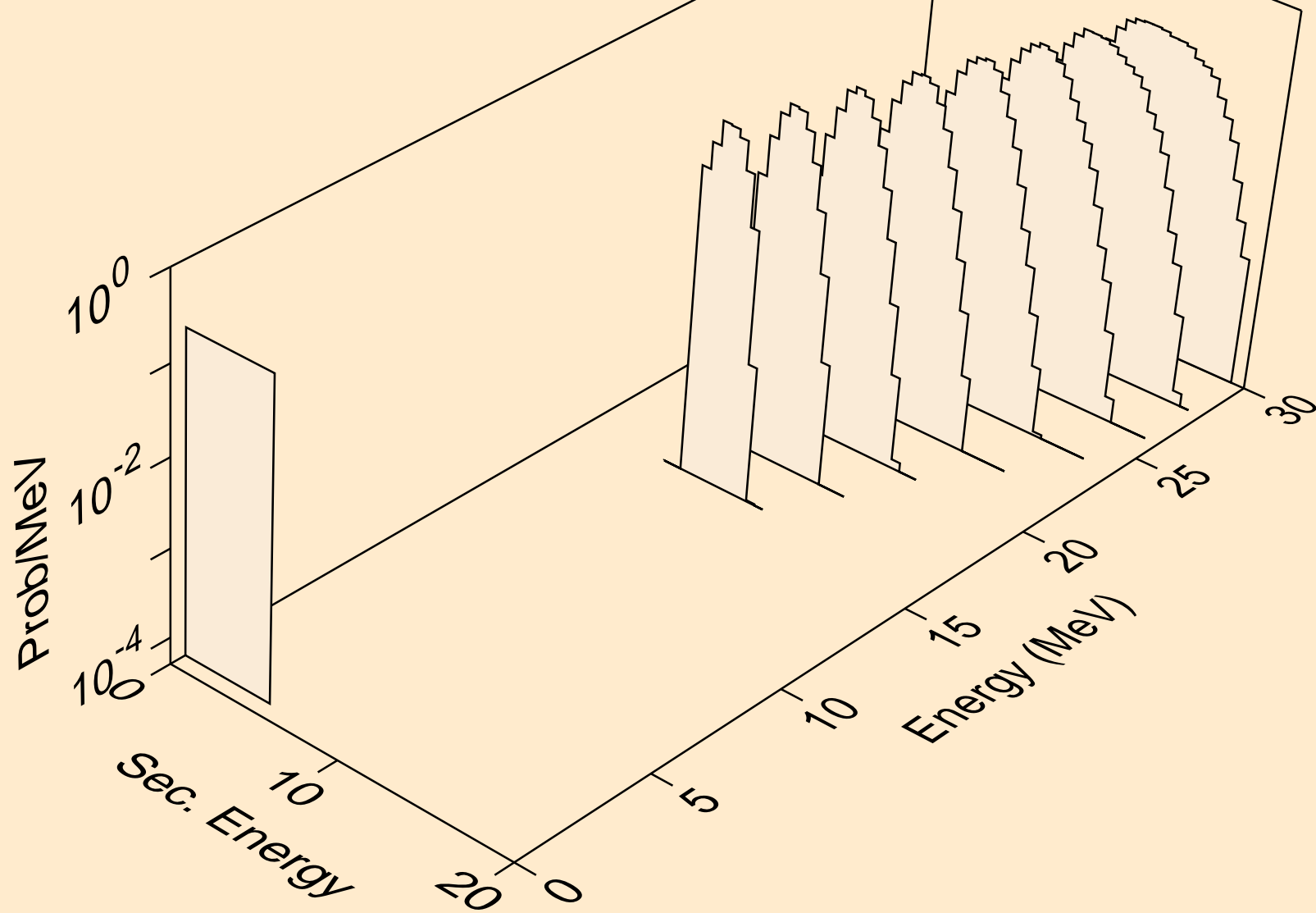
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alphas from (n,3n)a



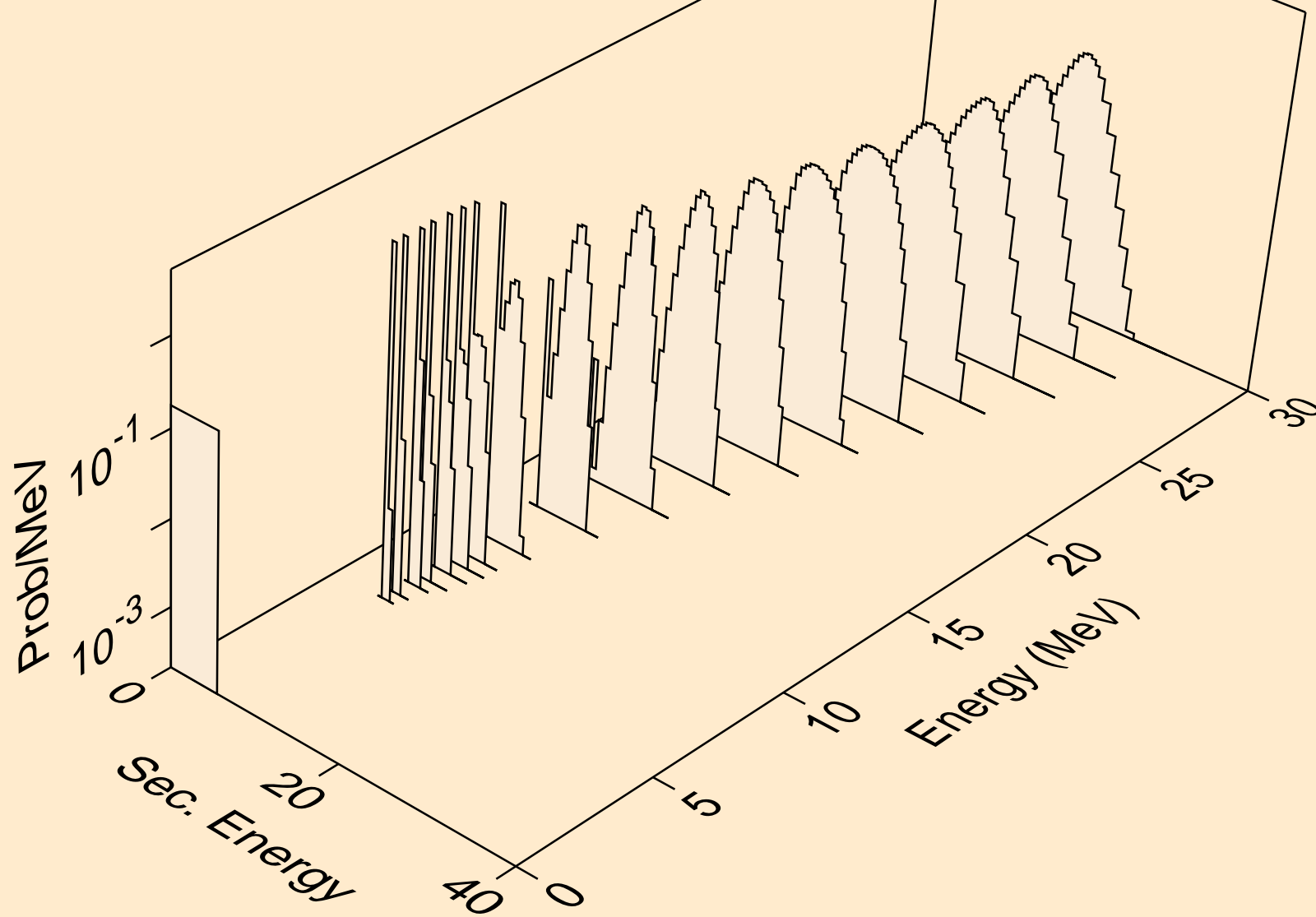
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alphas from (n,n\*)2a



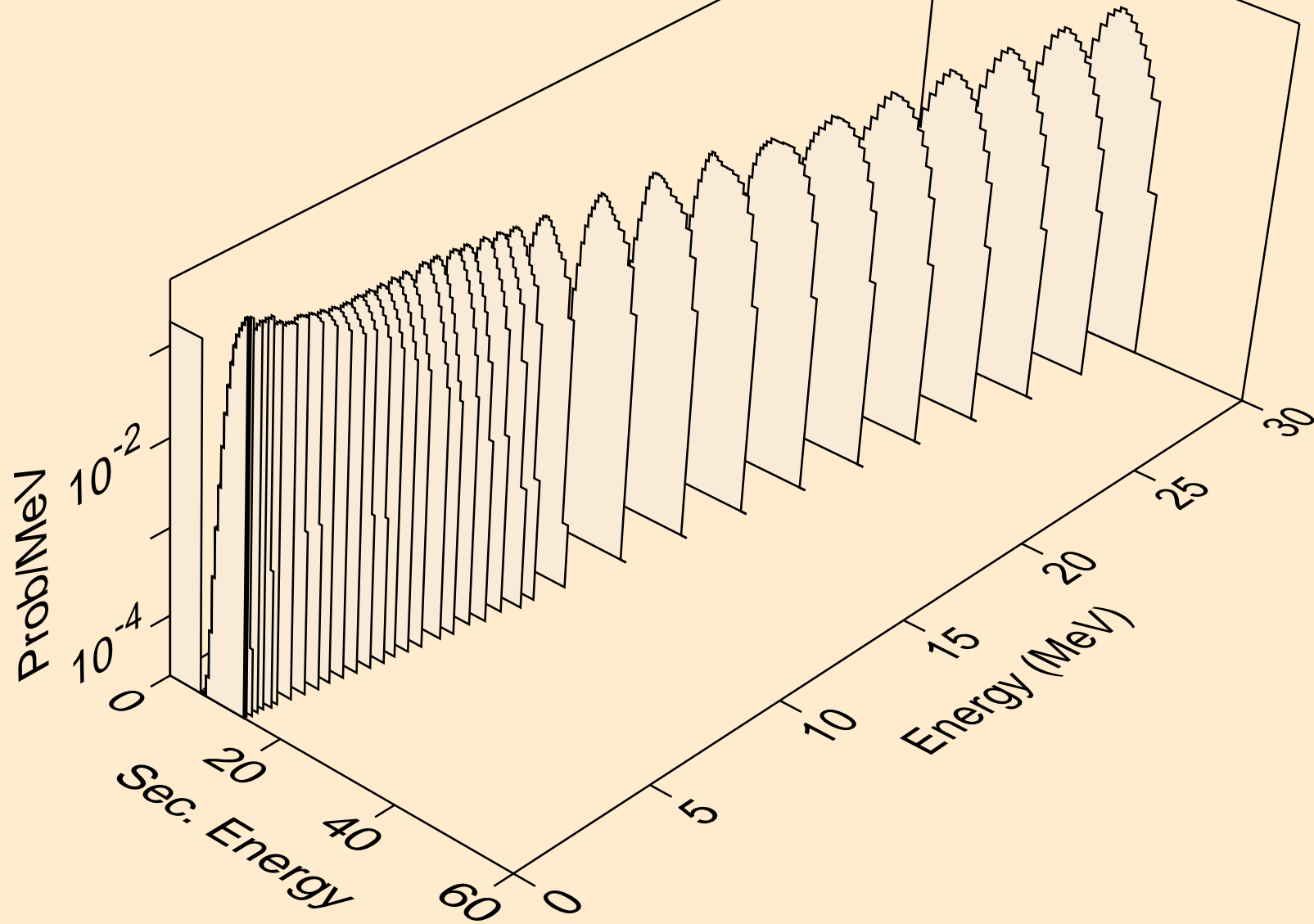
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



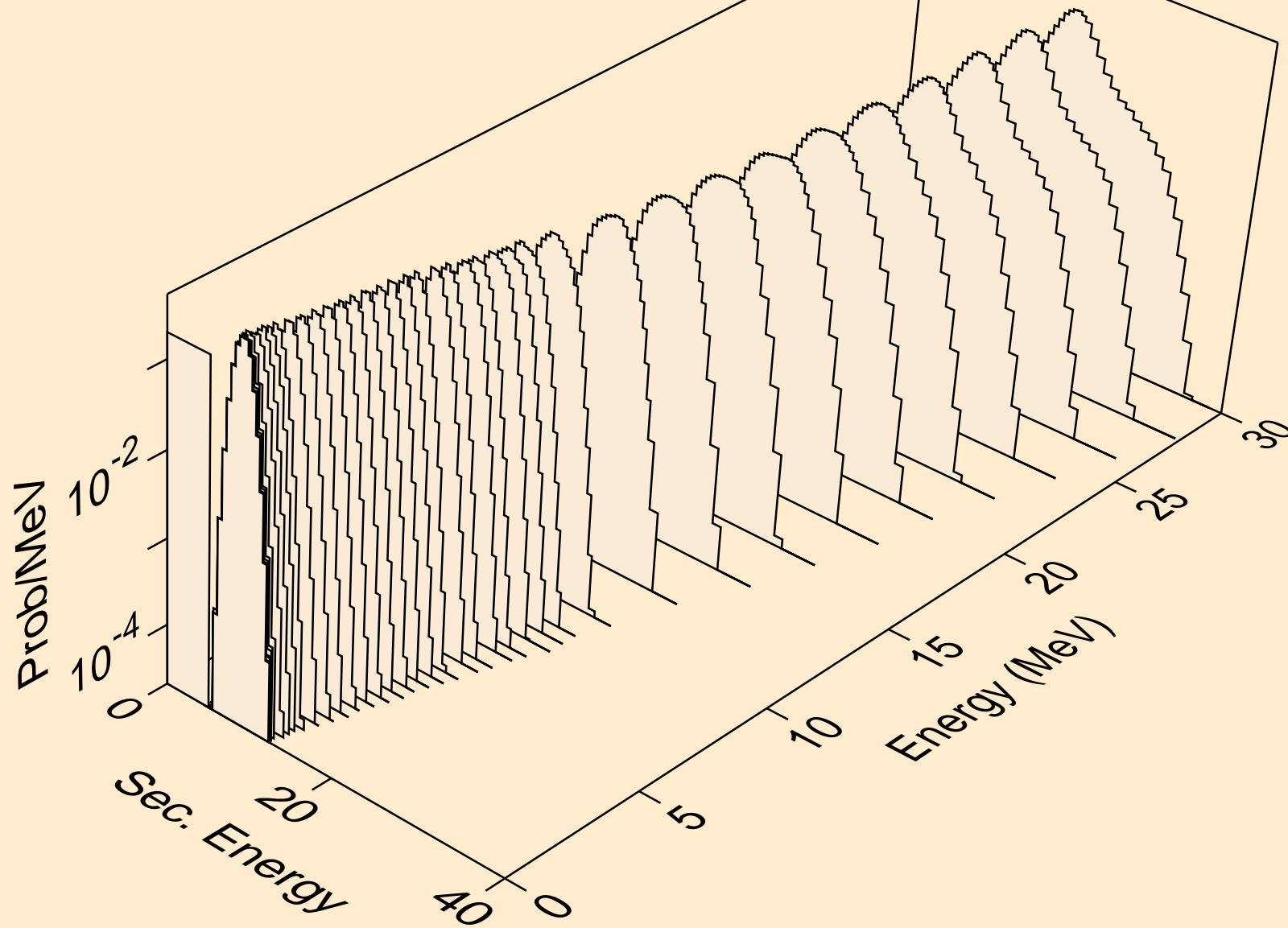
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

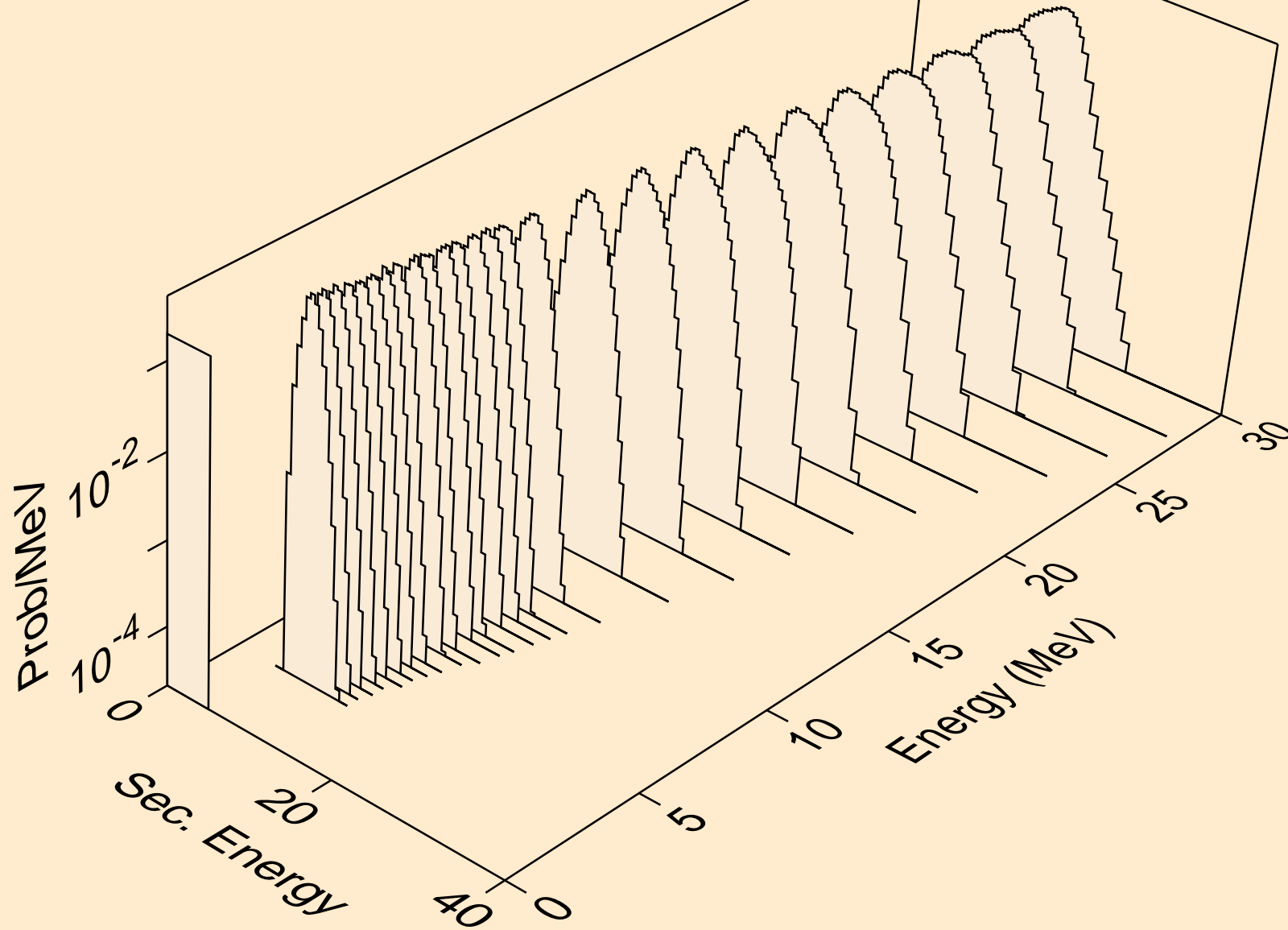


OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)

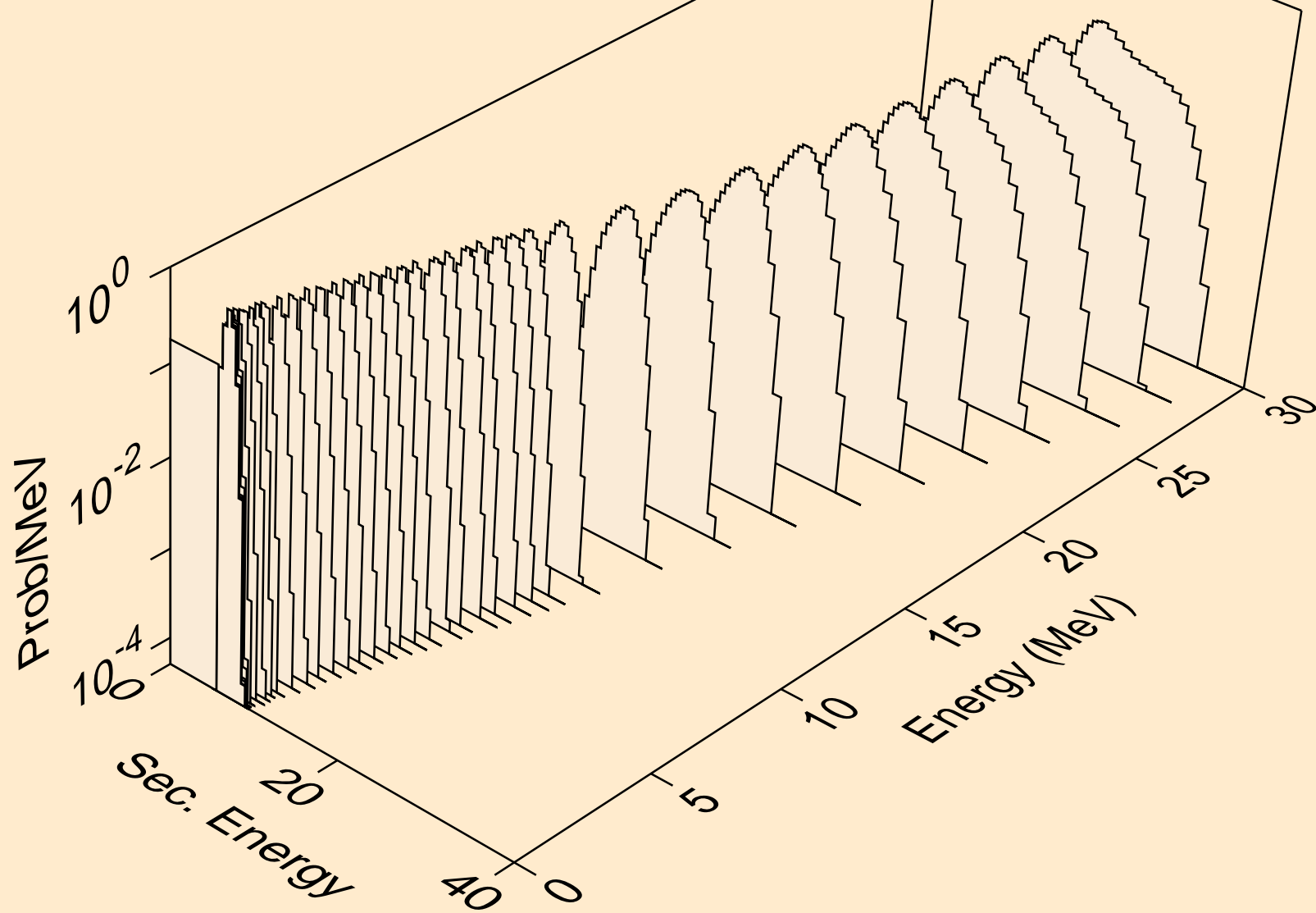




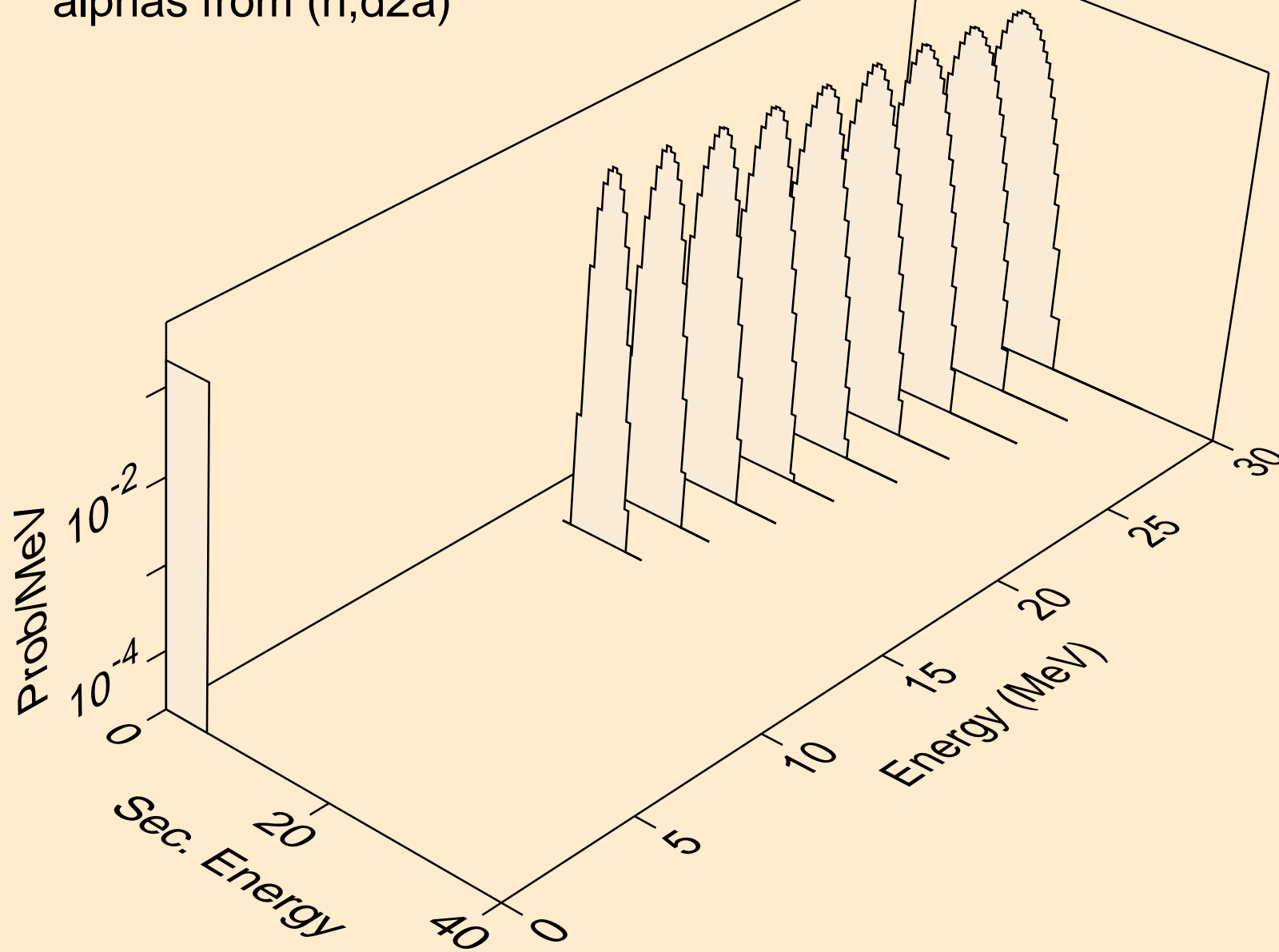
OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



OS170 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

