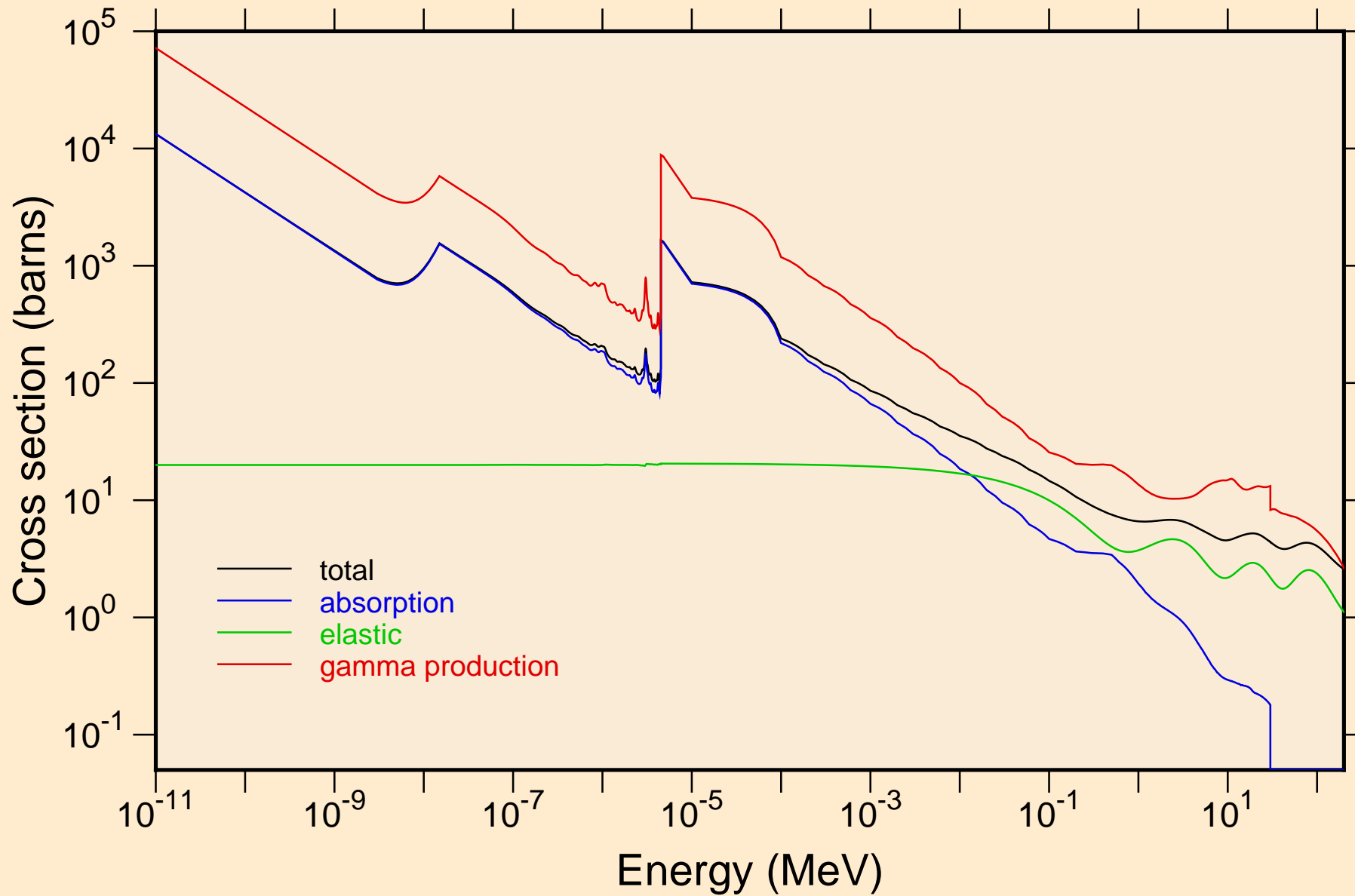
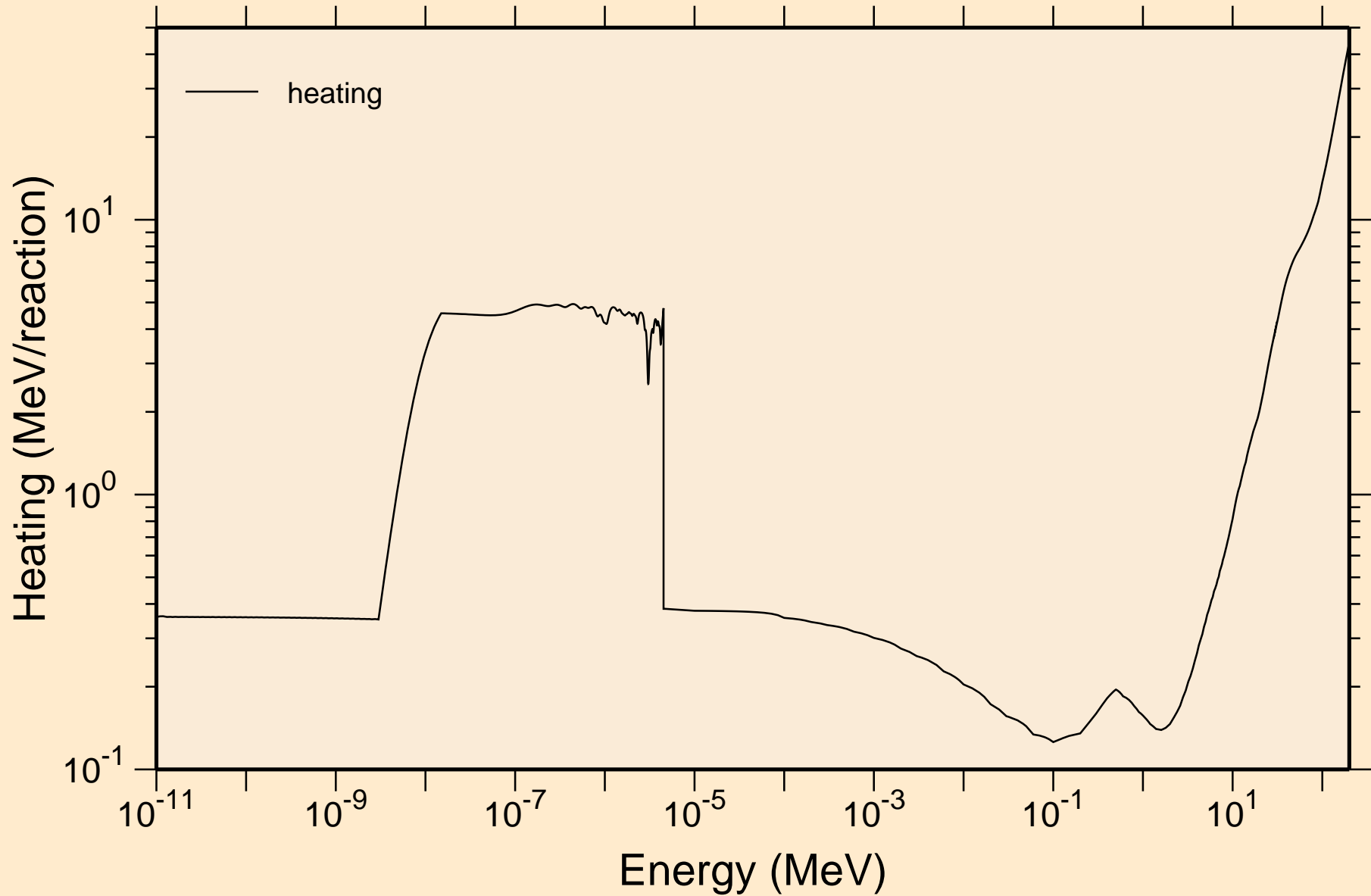


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

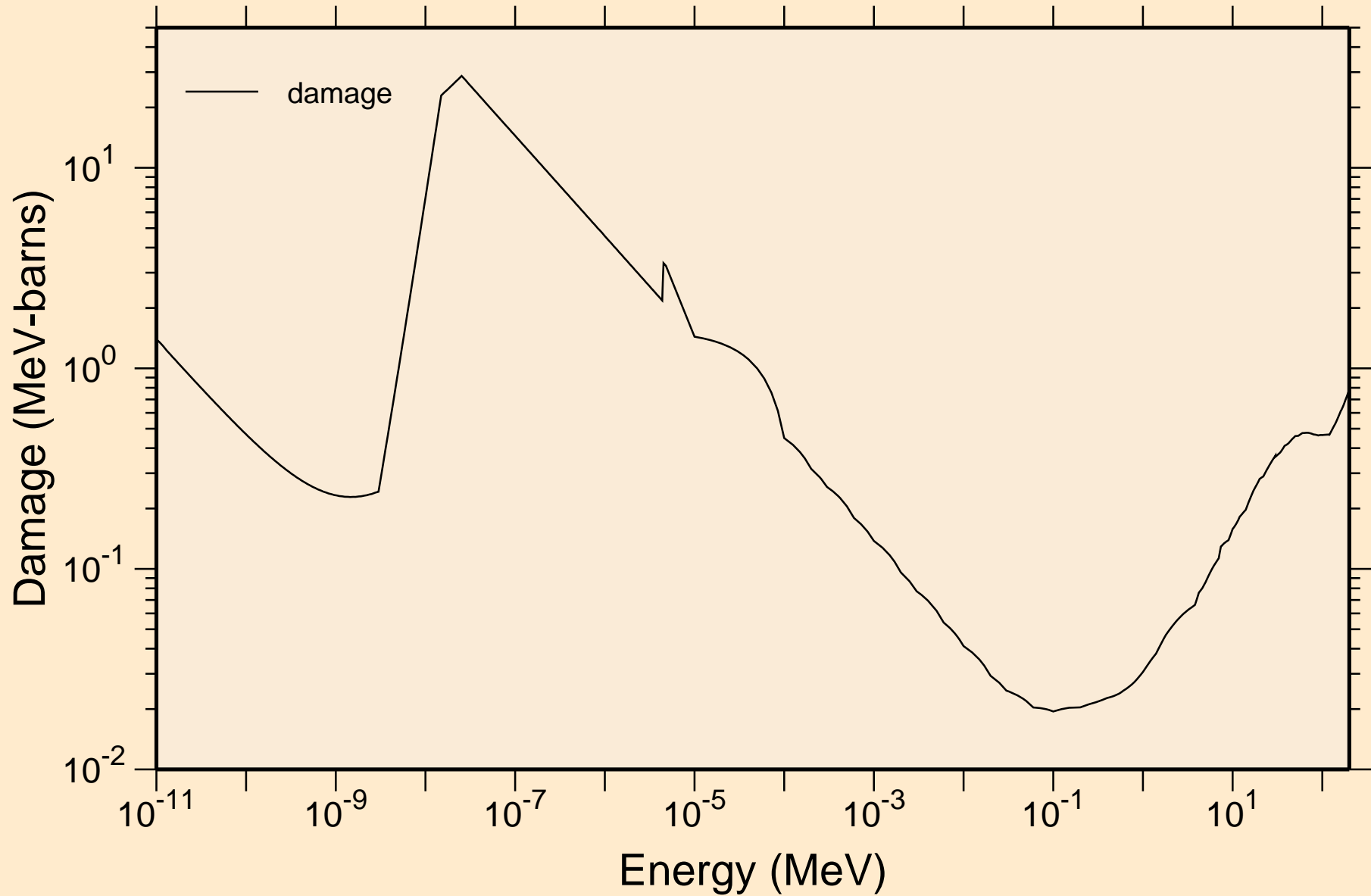


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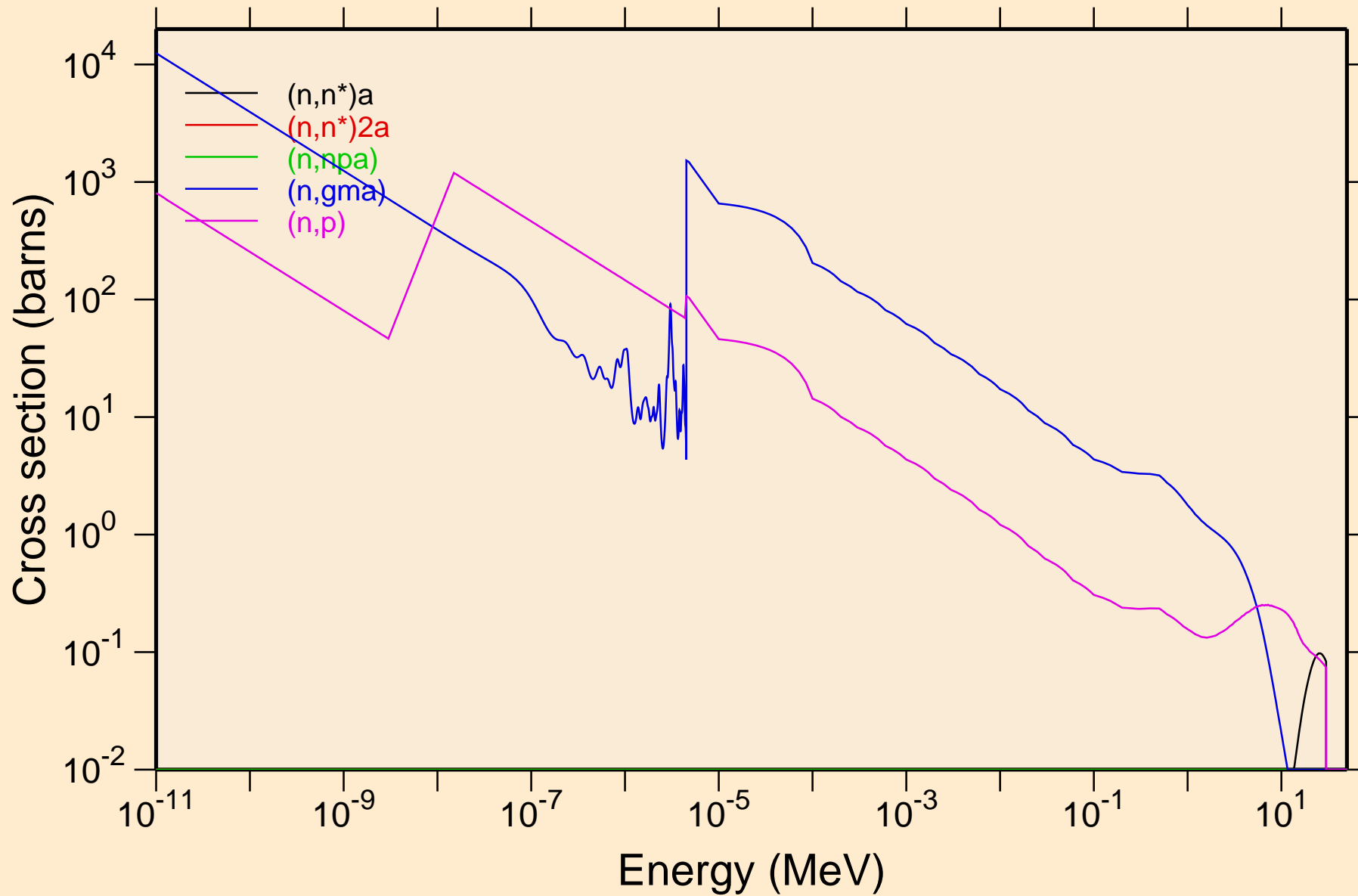
## Heating



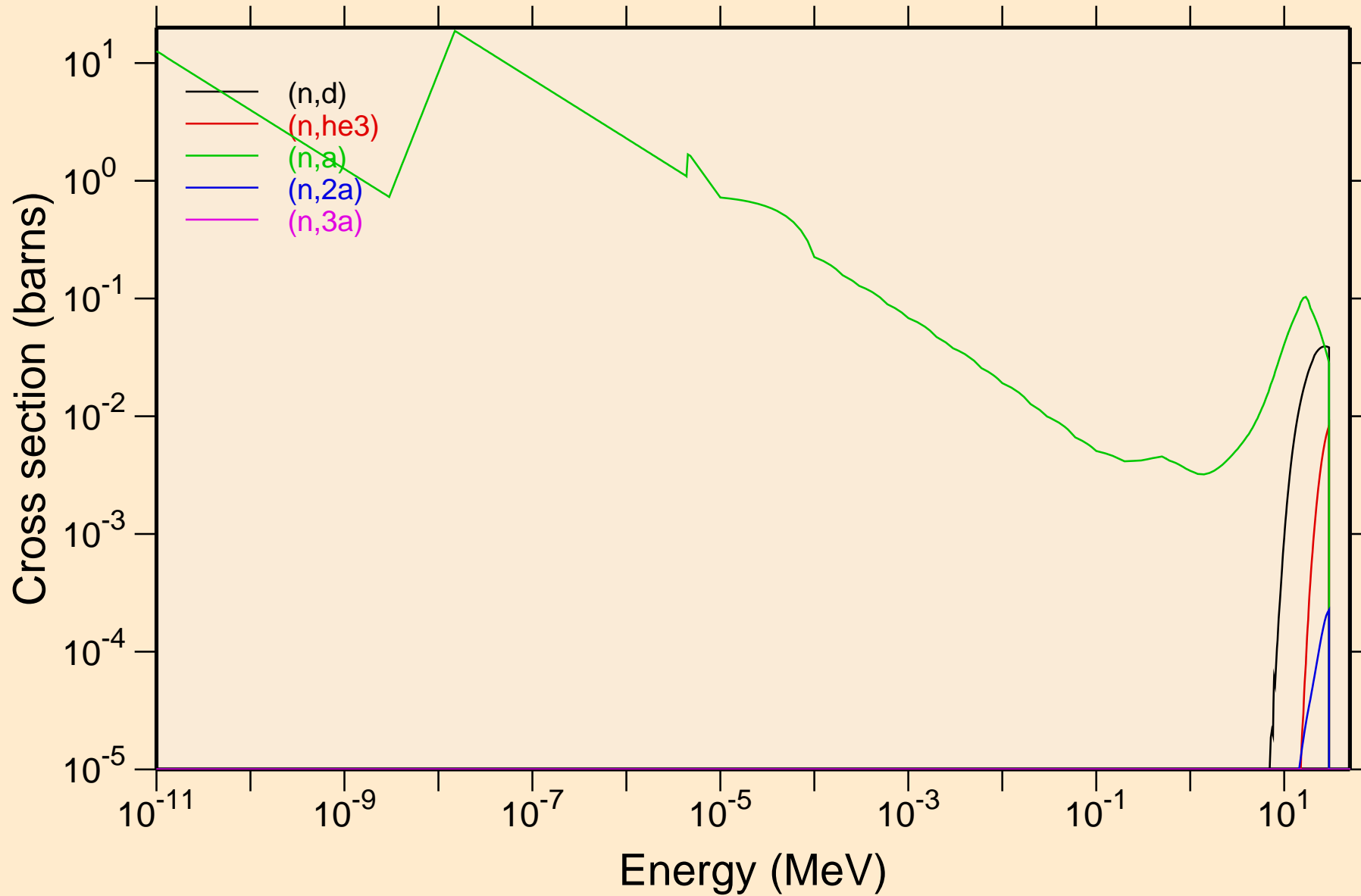
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

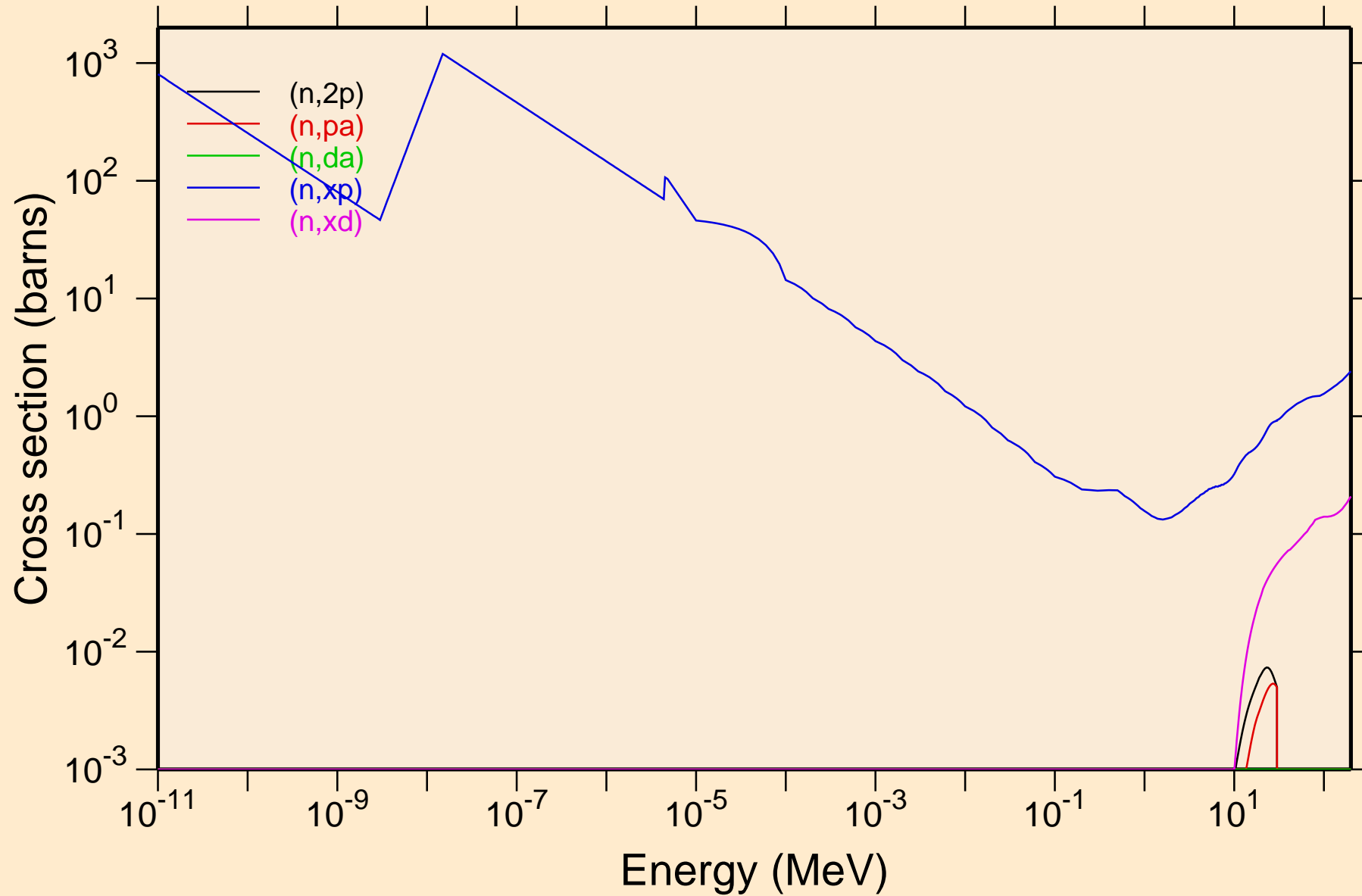


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Non-threshold reactions

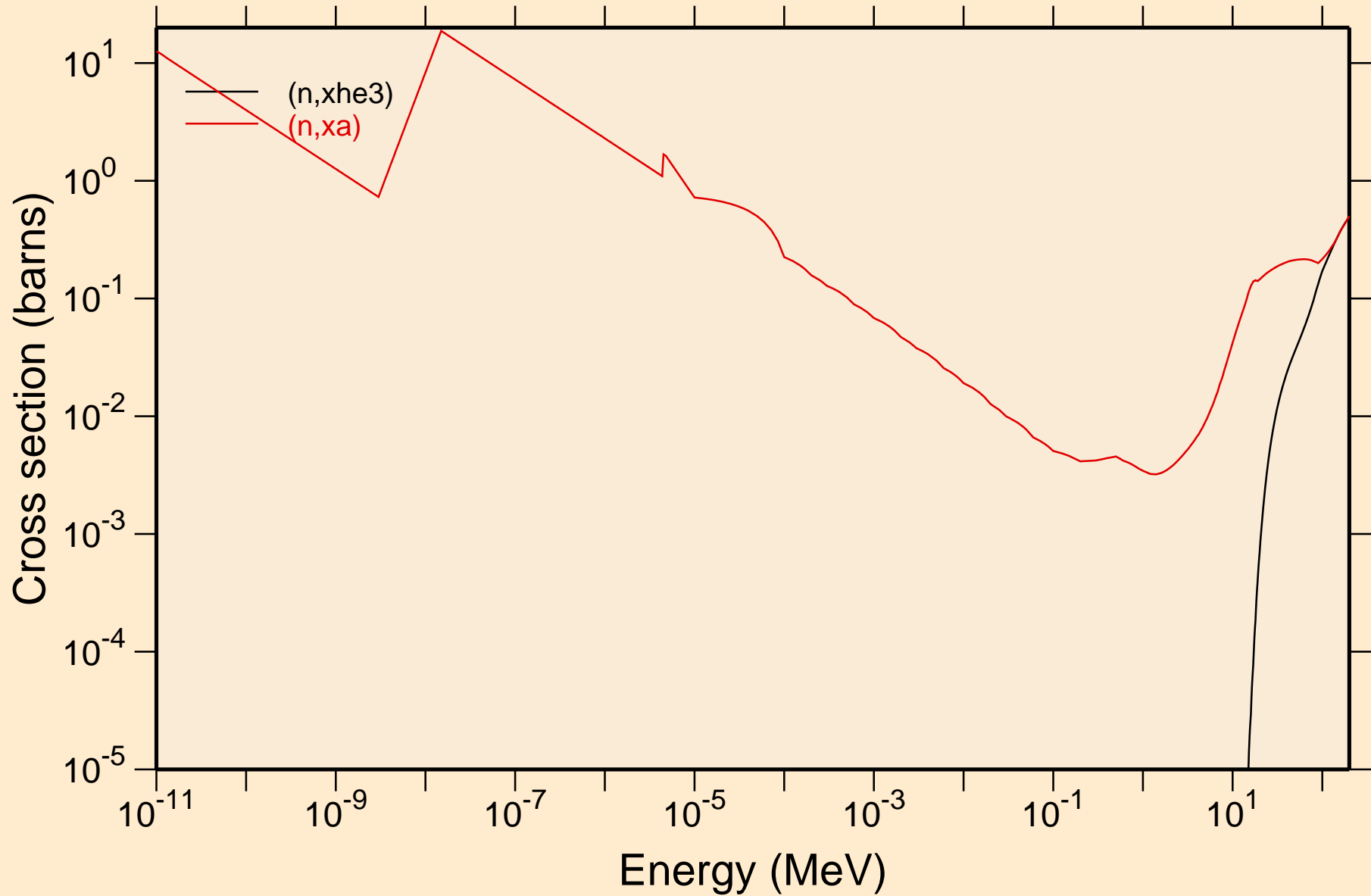


# TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

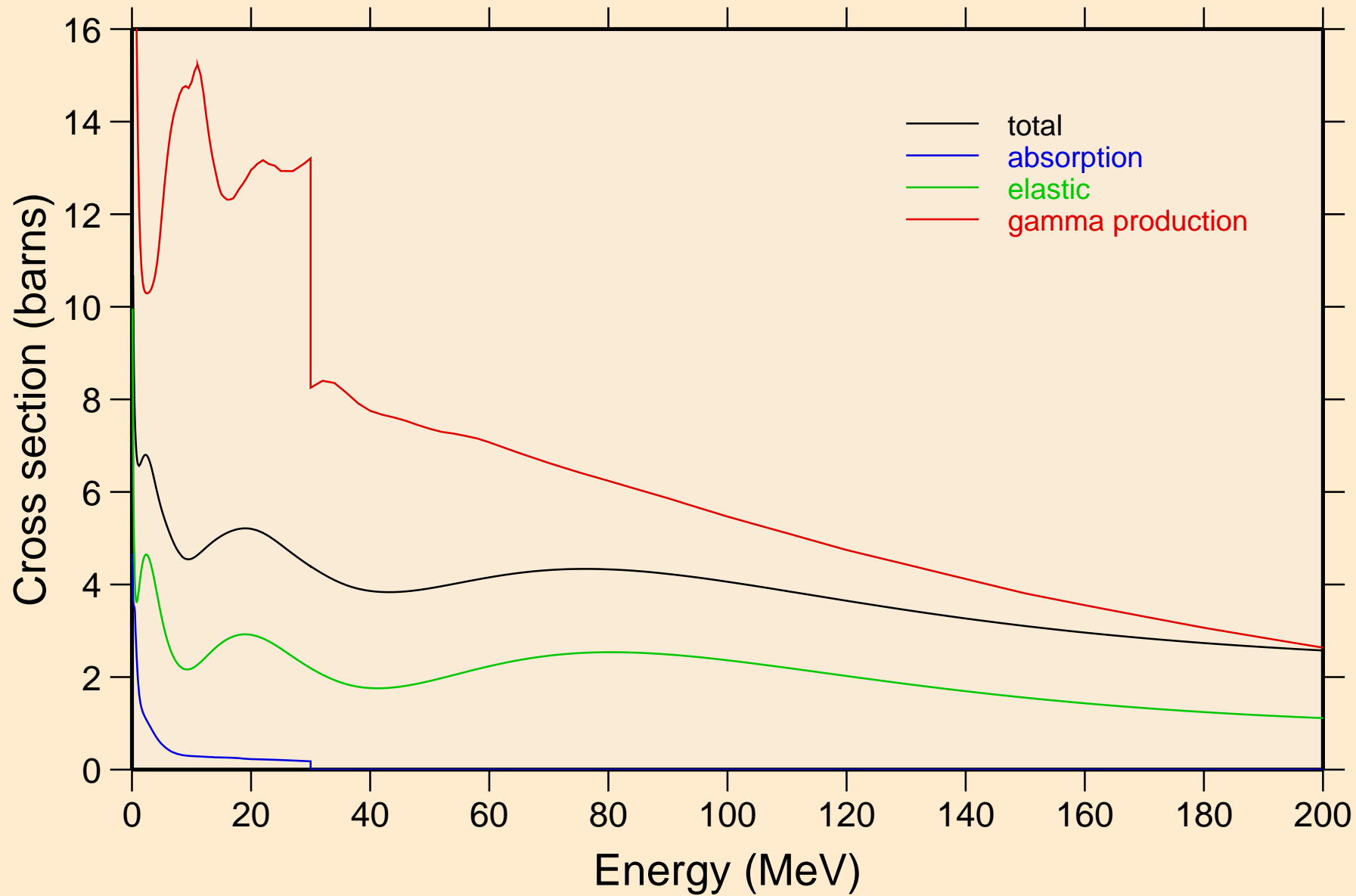


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

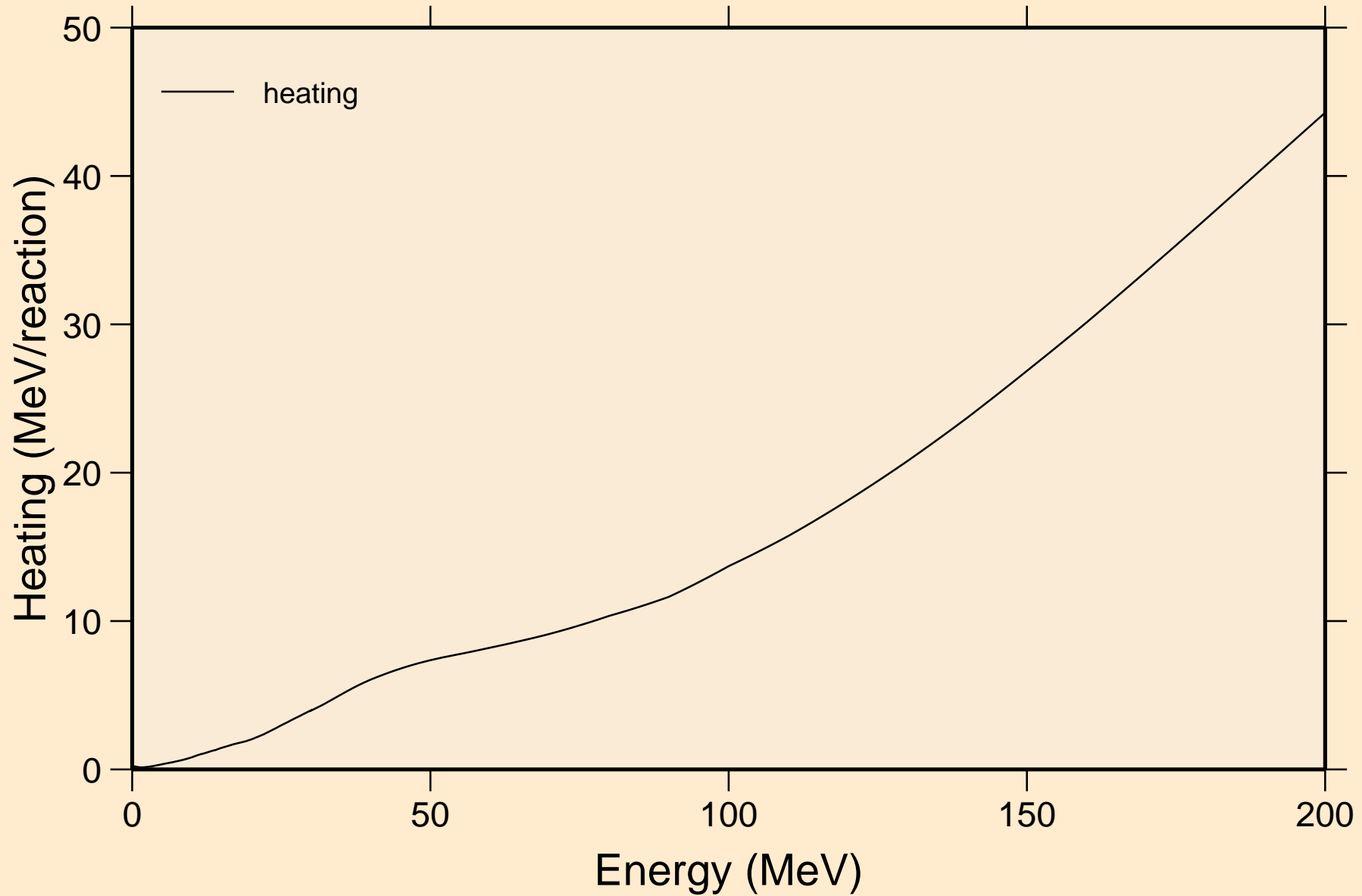
## Principal cross sections



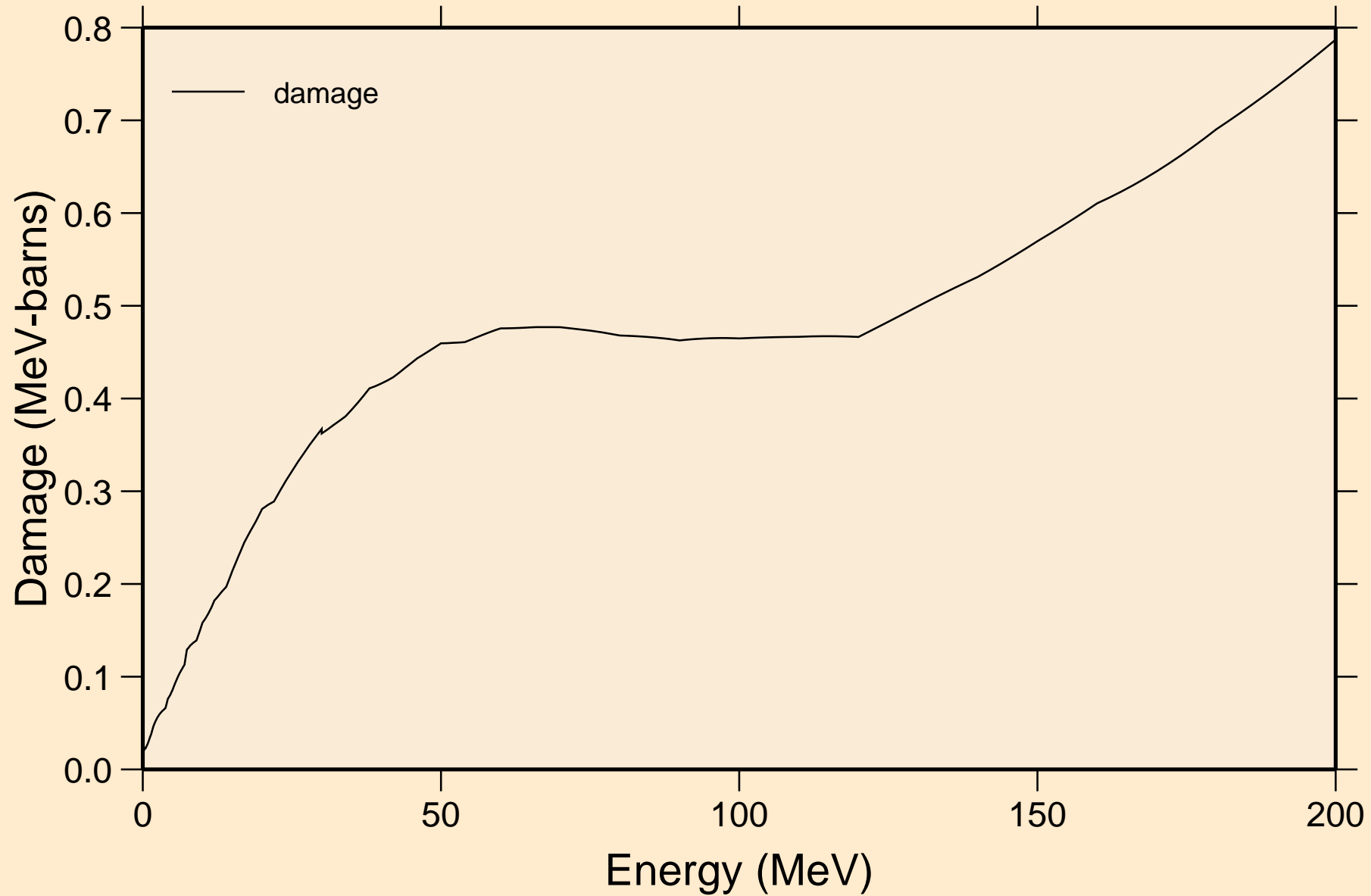


# TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

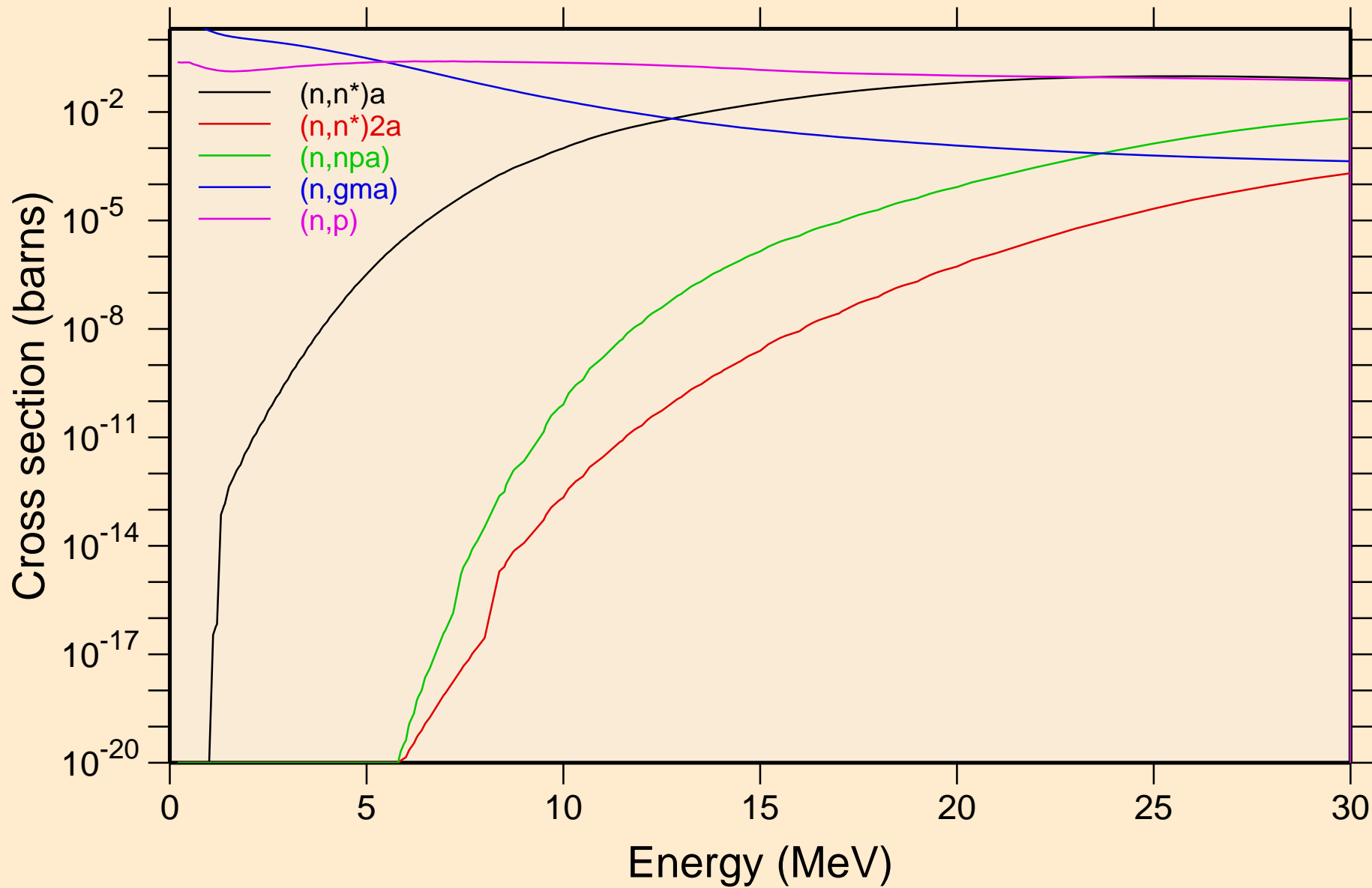
## Heating



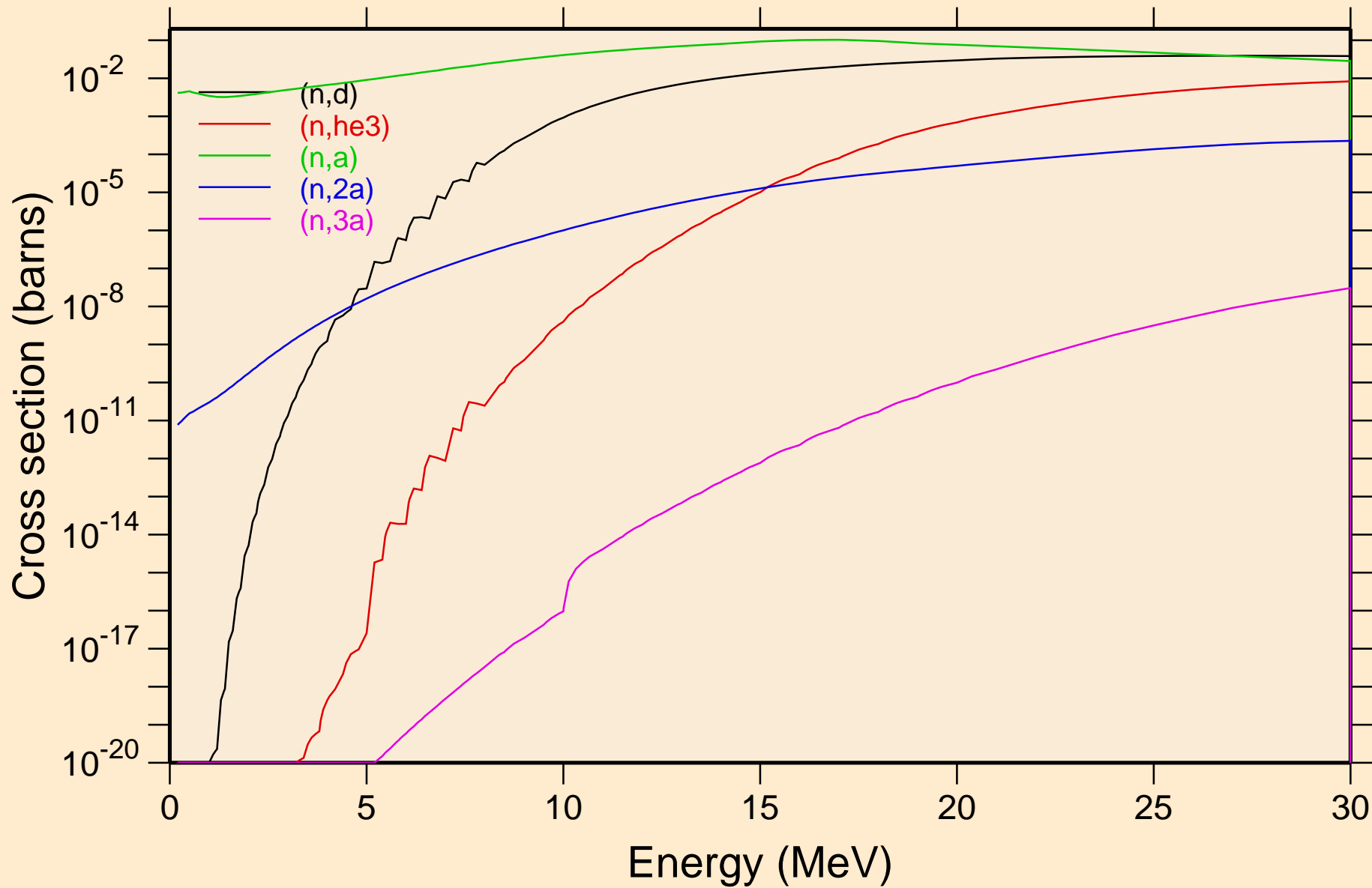
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



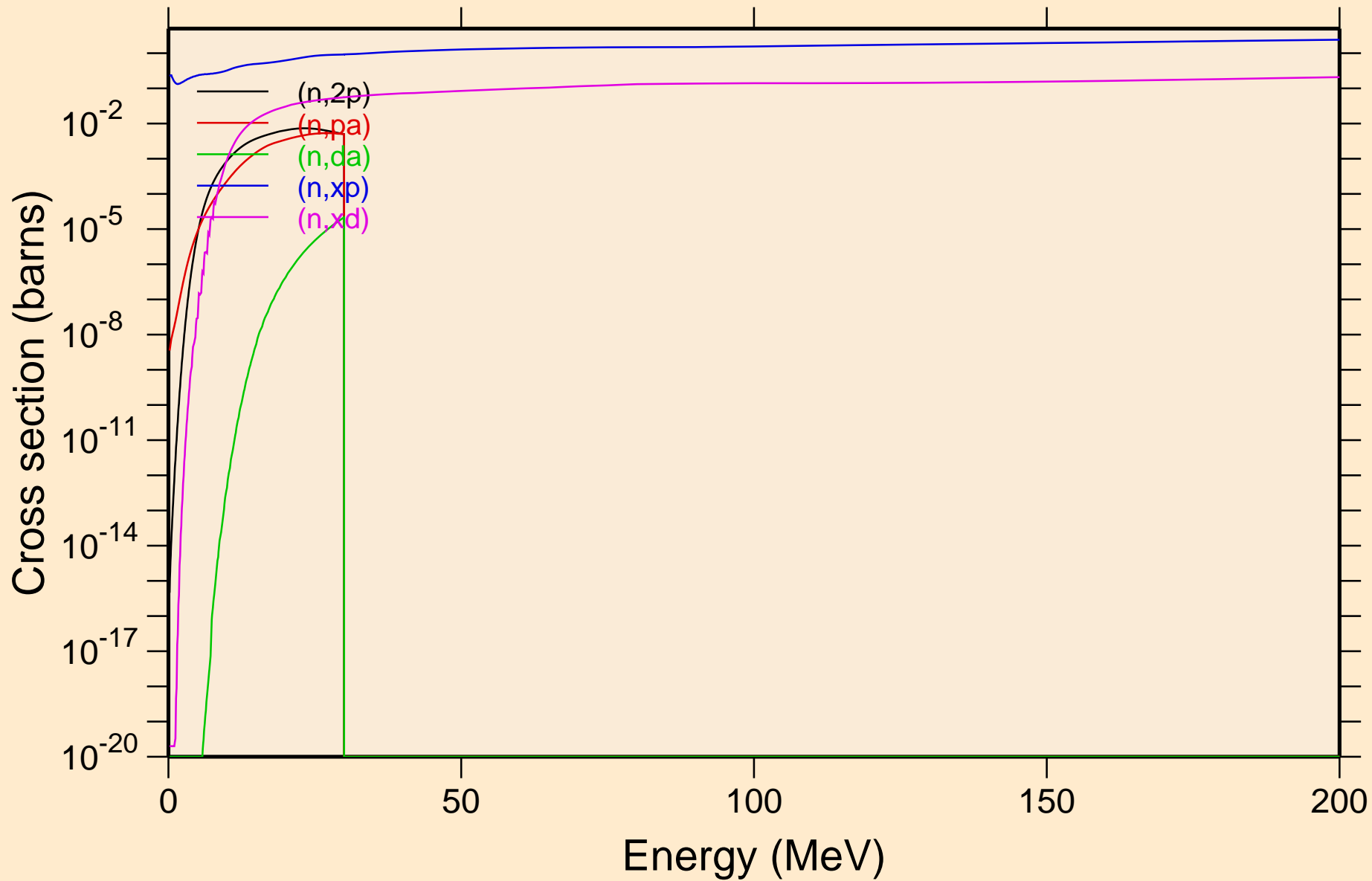
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



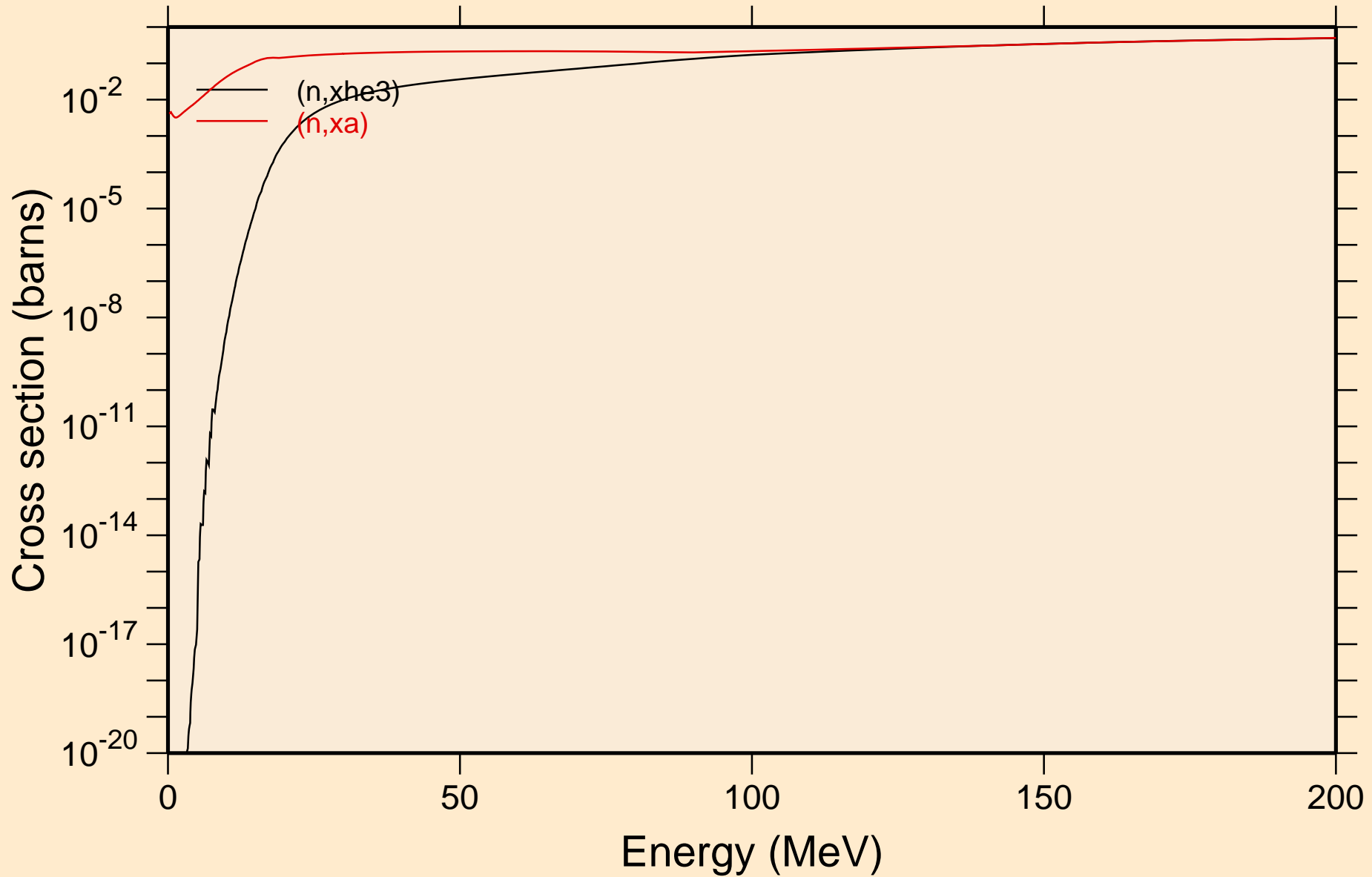
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Non-threshold reactions



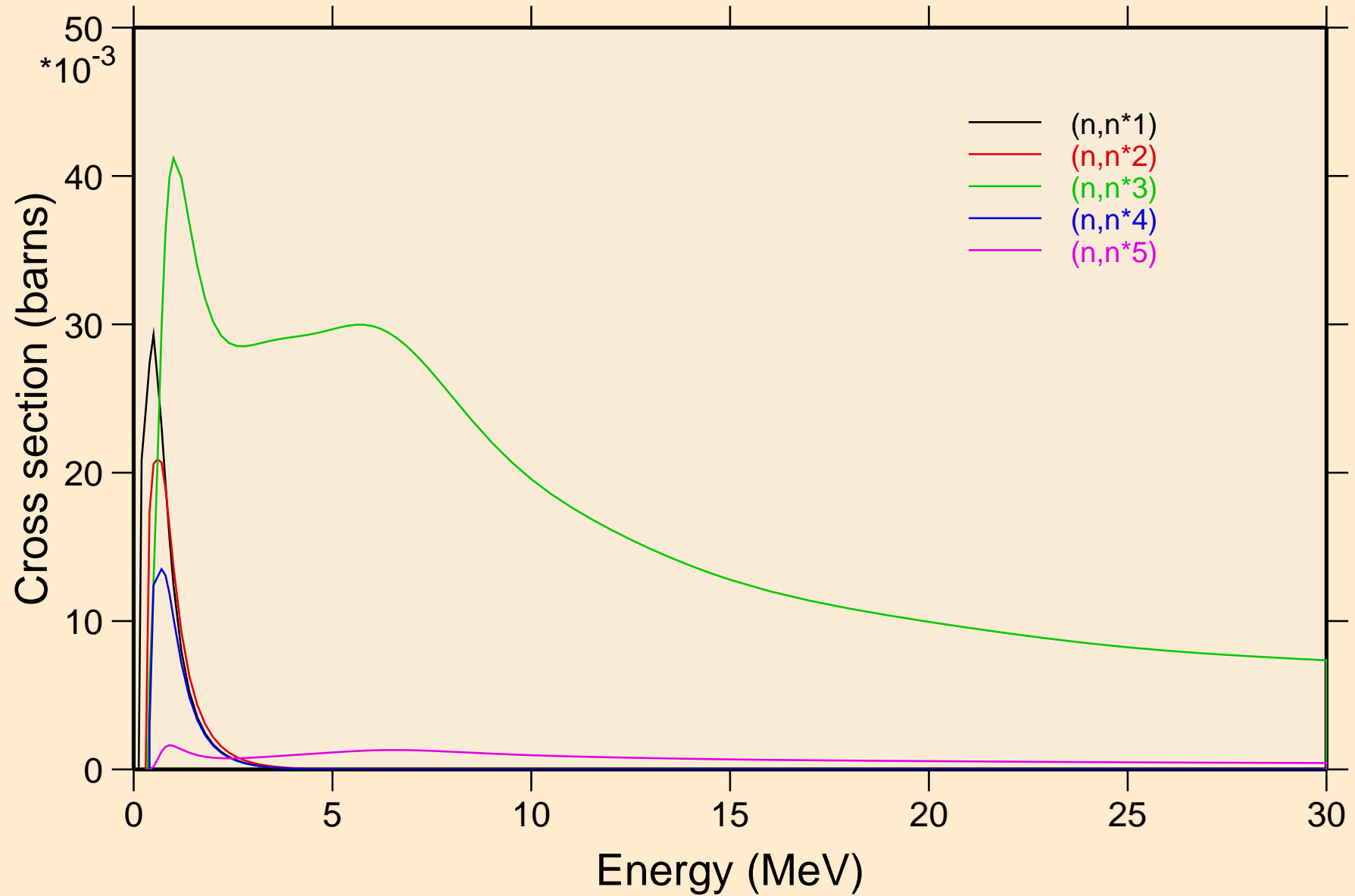
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Non-threshold reactions



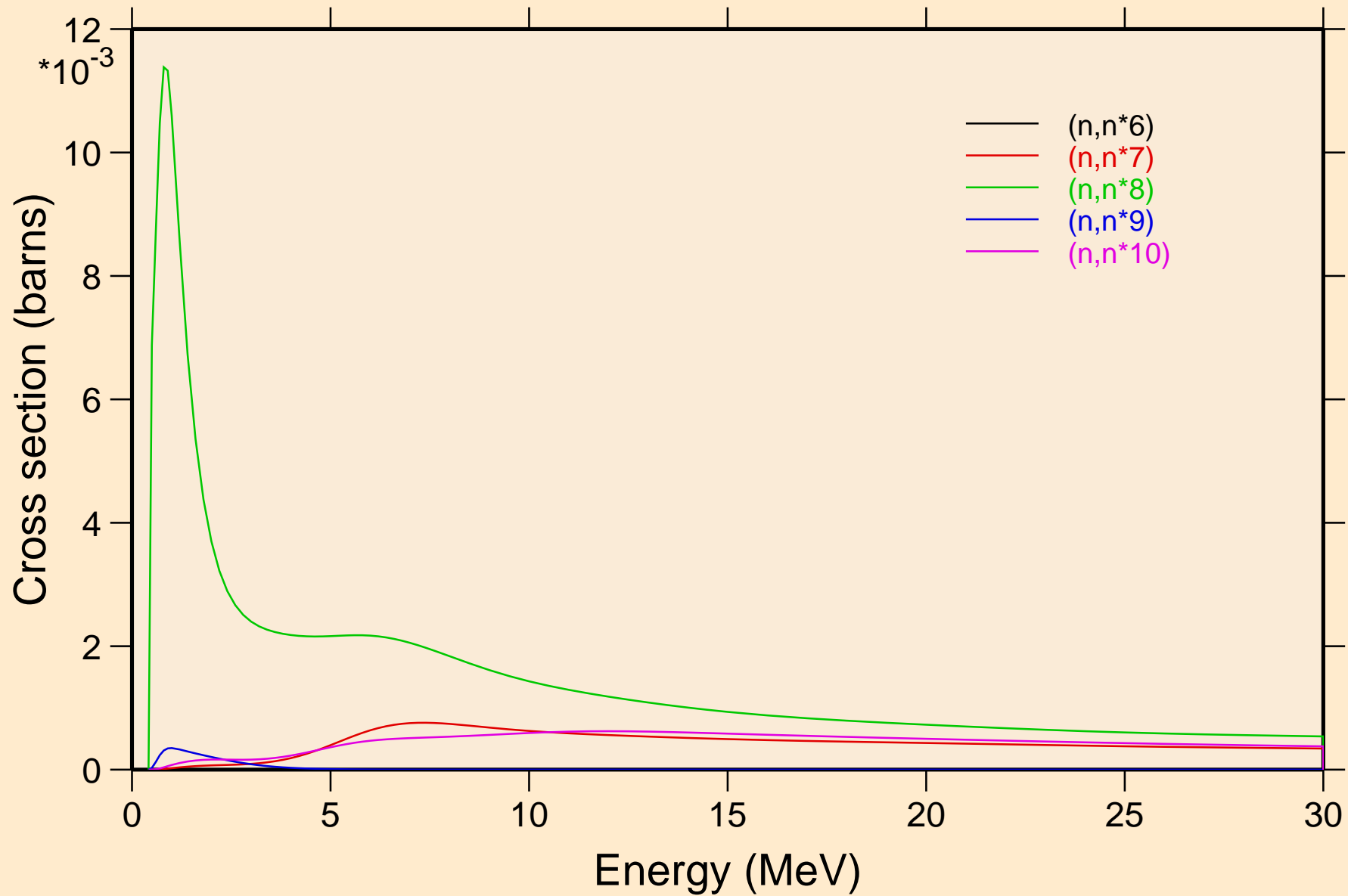
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

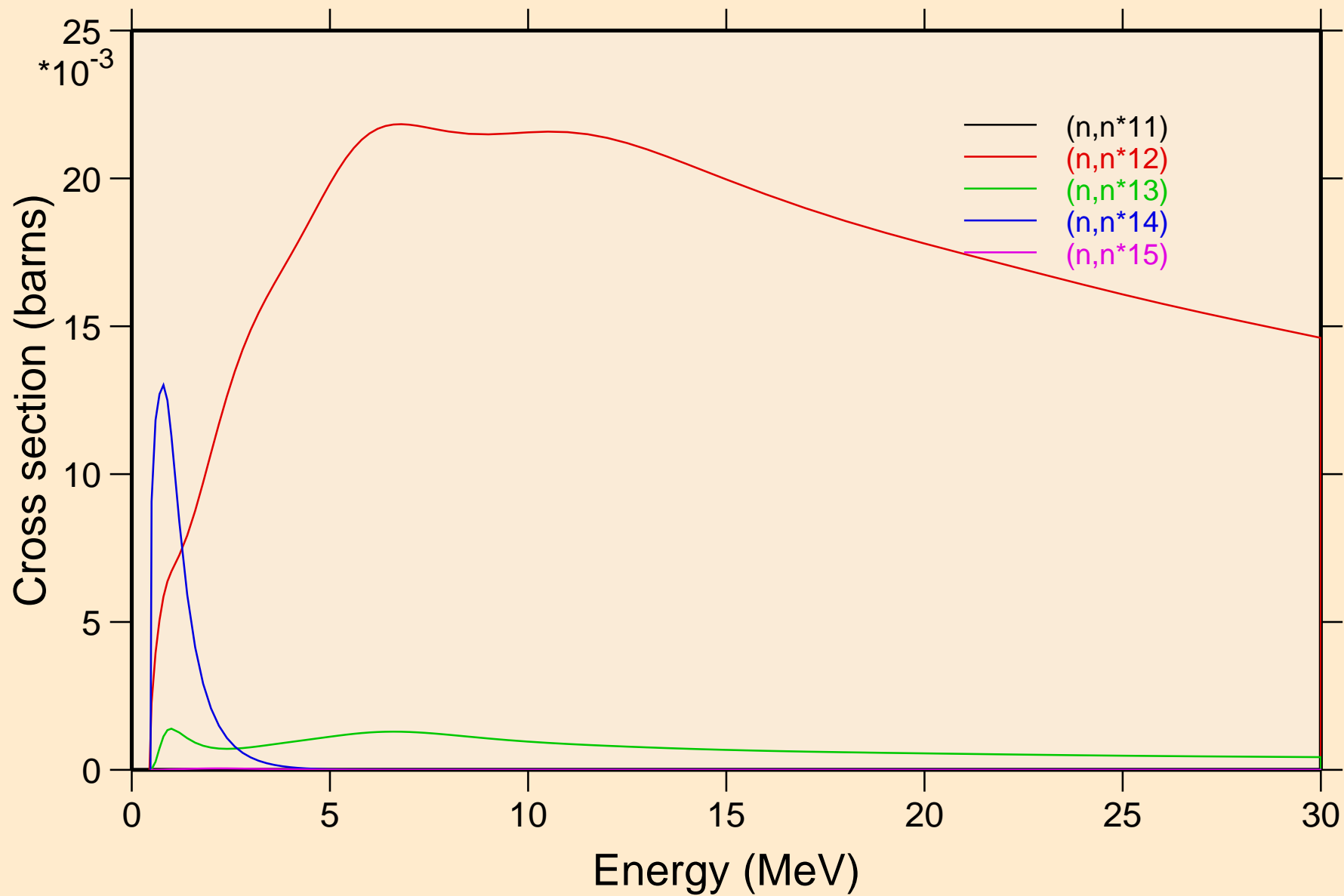


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

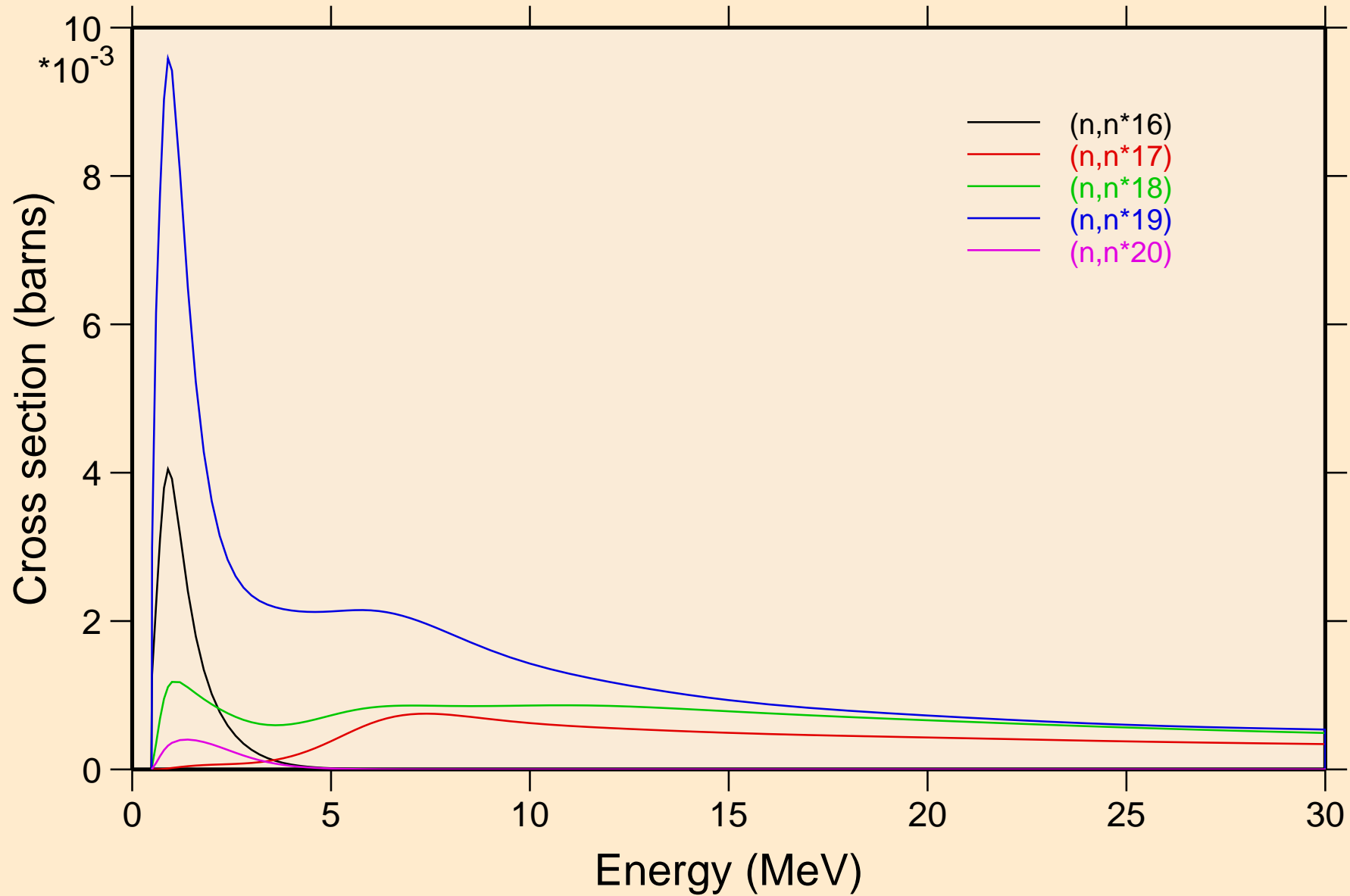




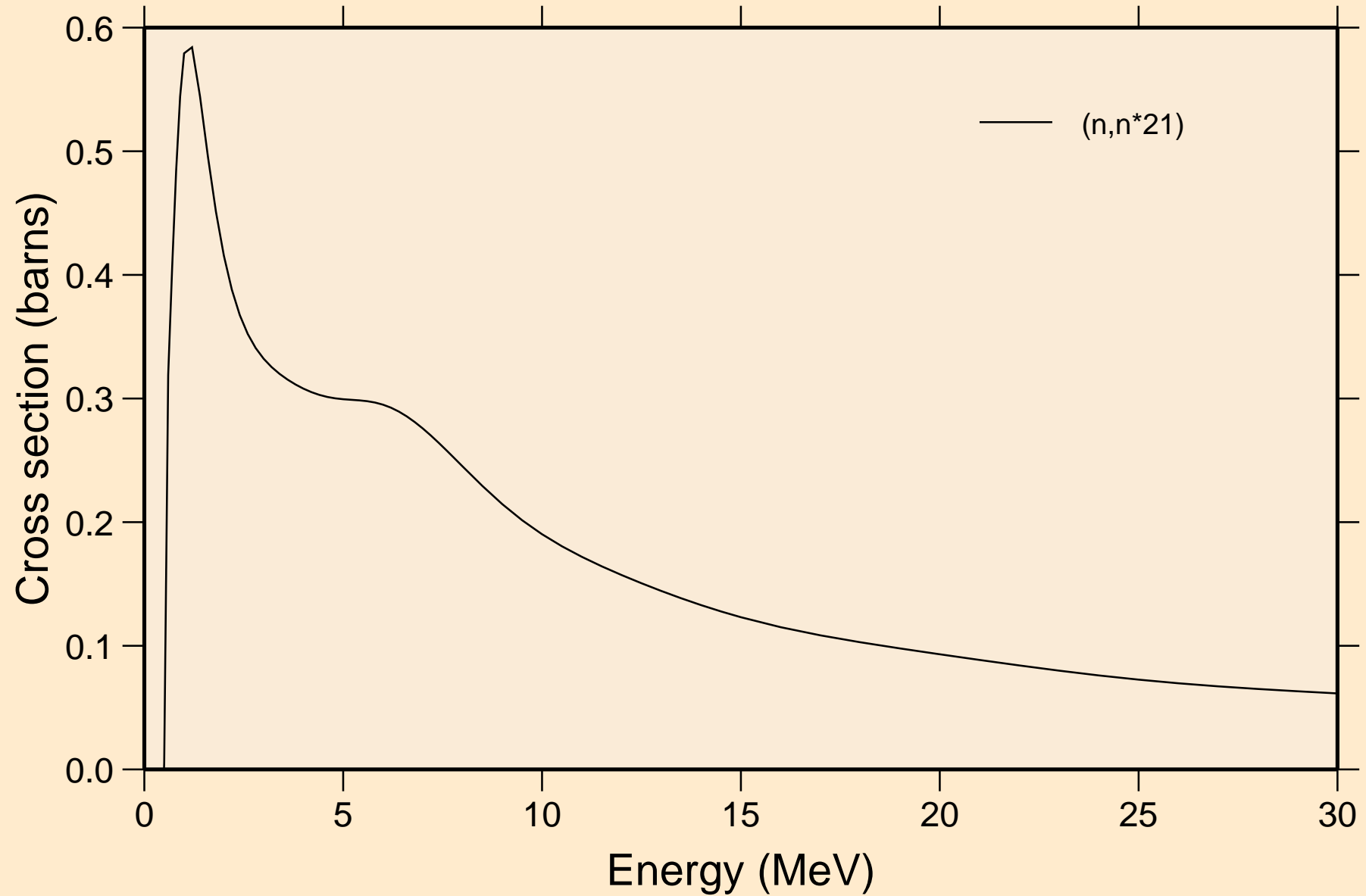
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



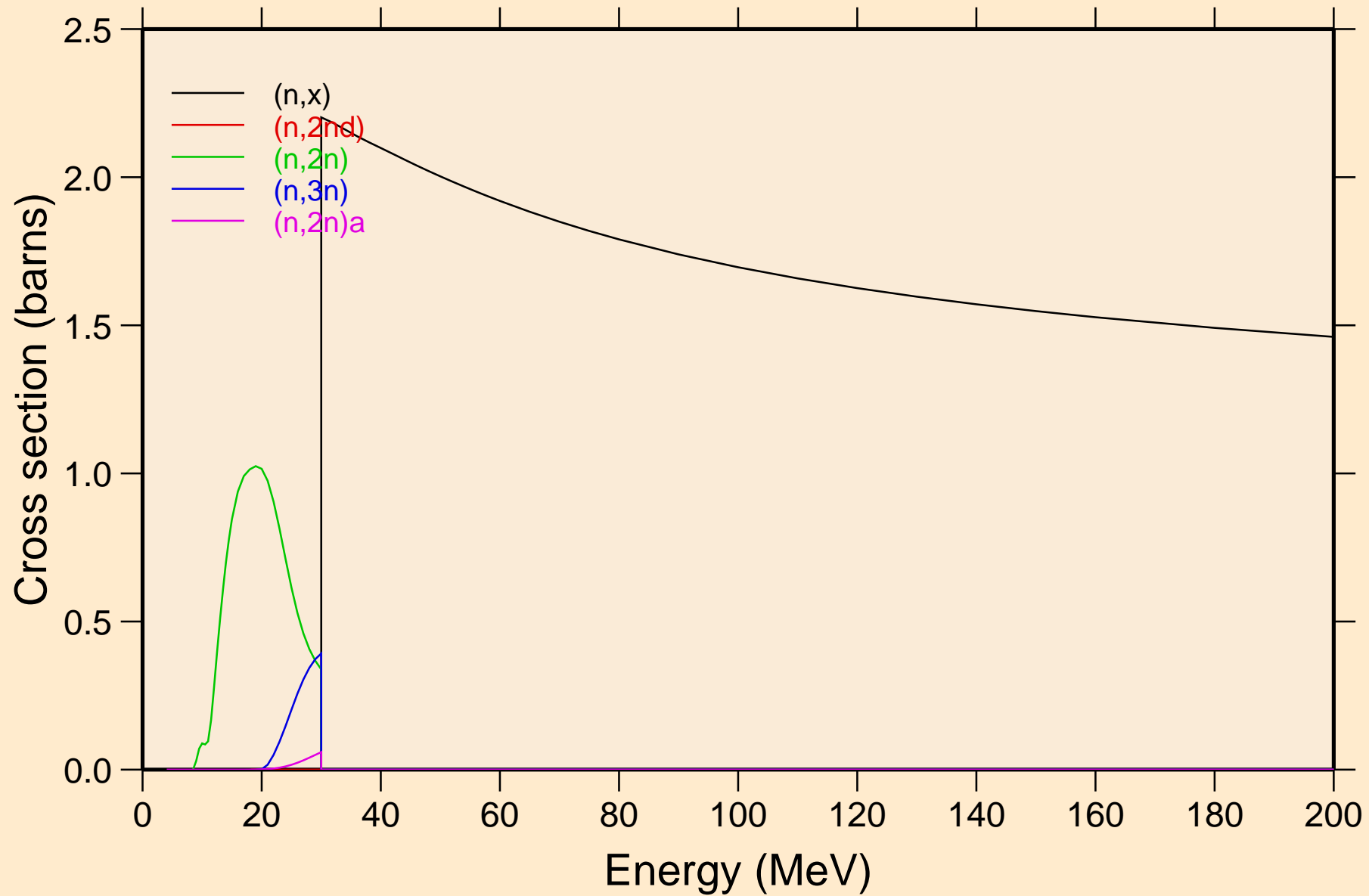
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



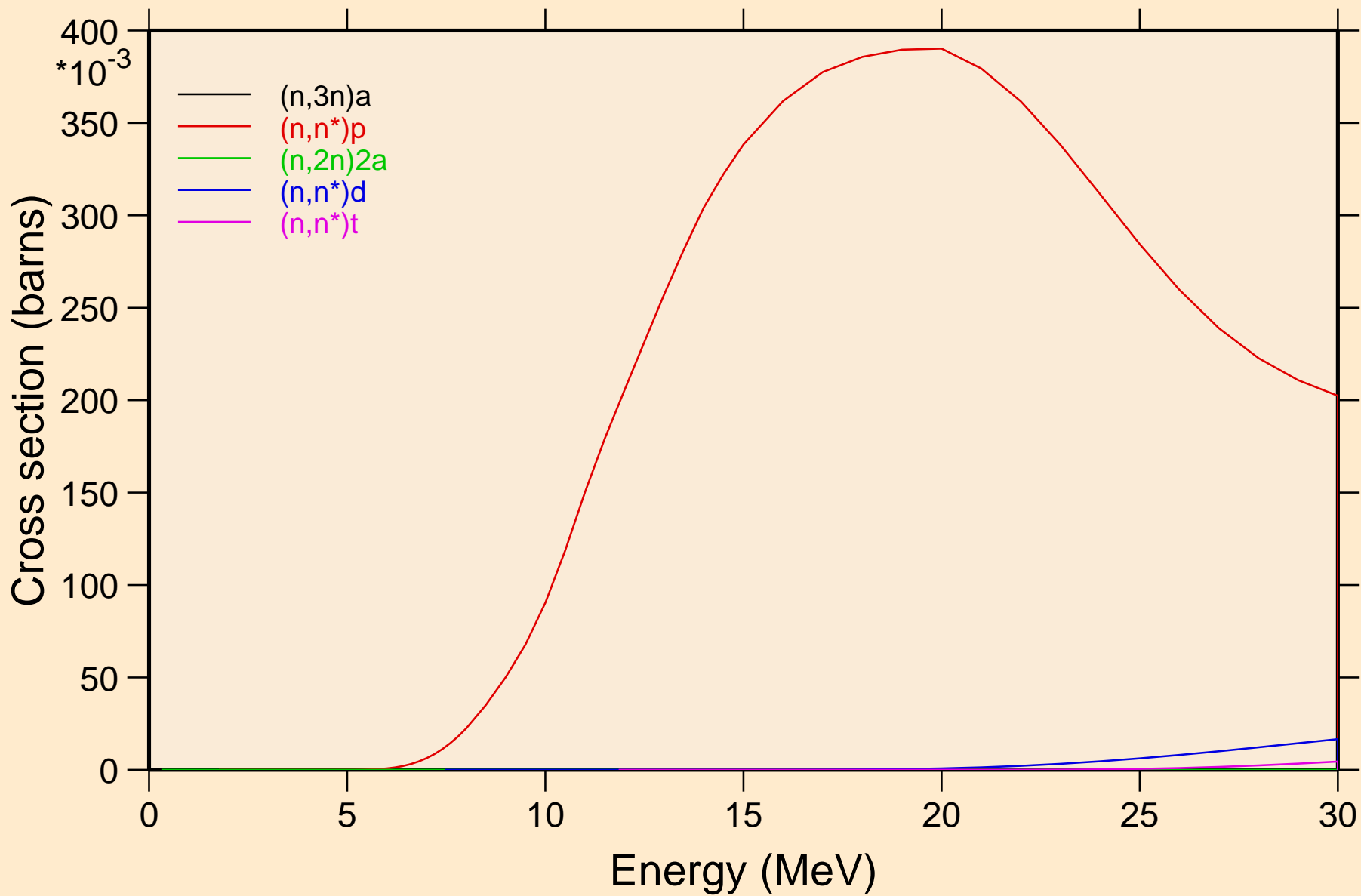
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



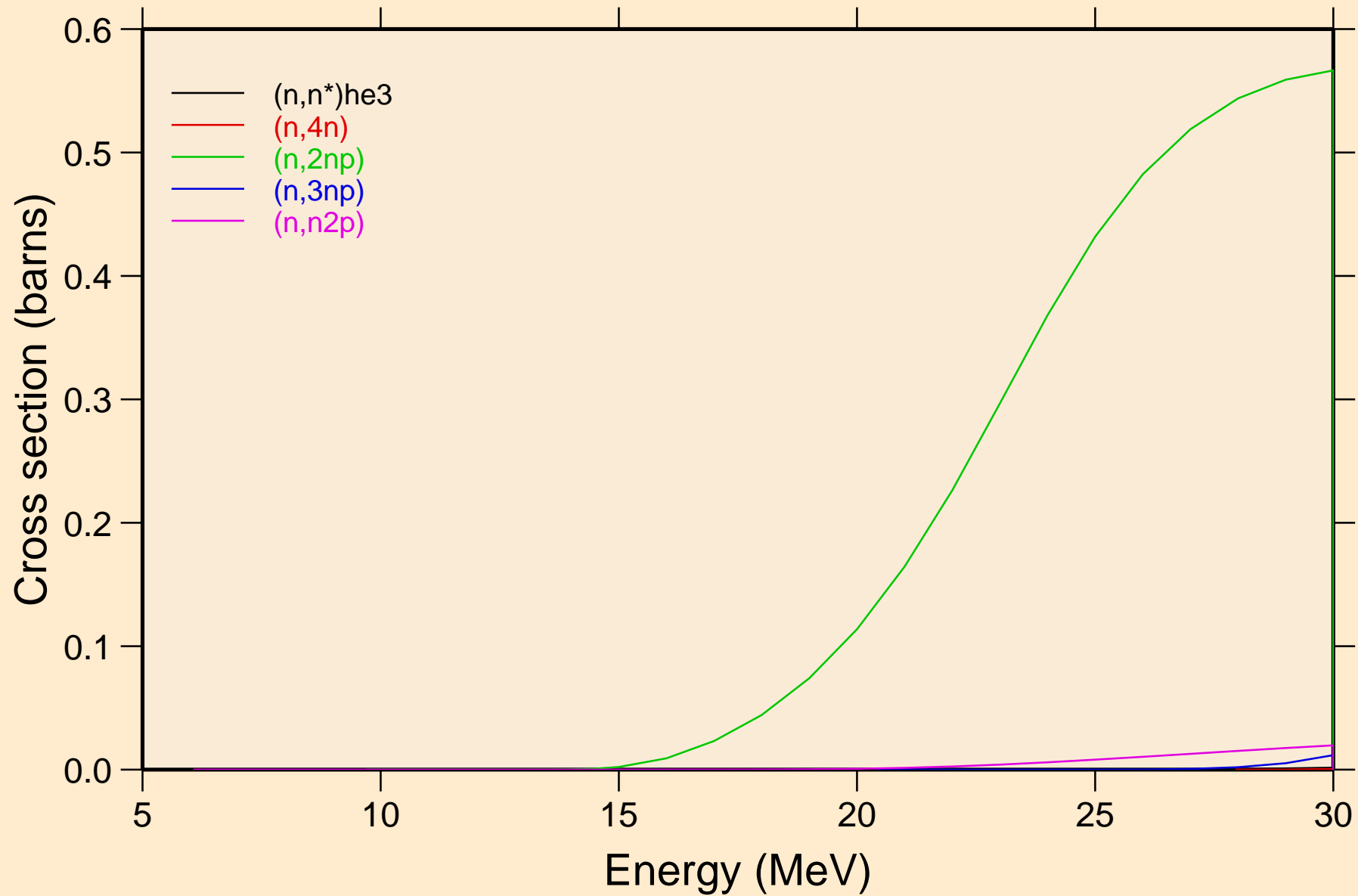
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Threshold reactions



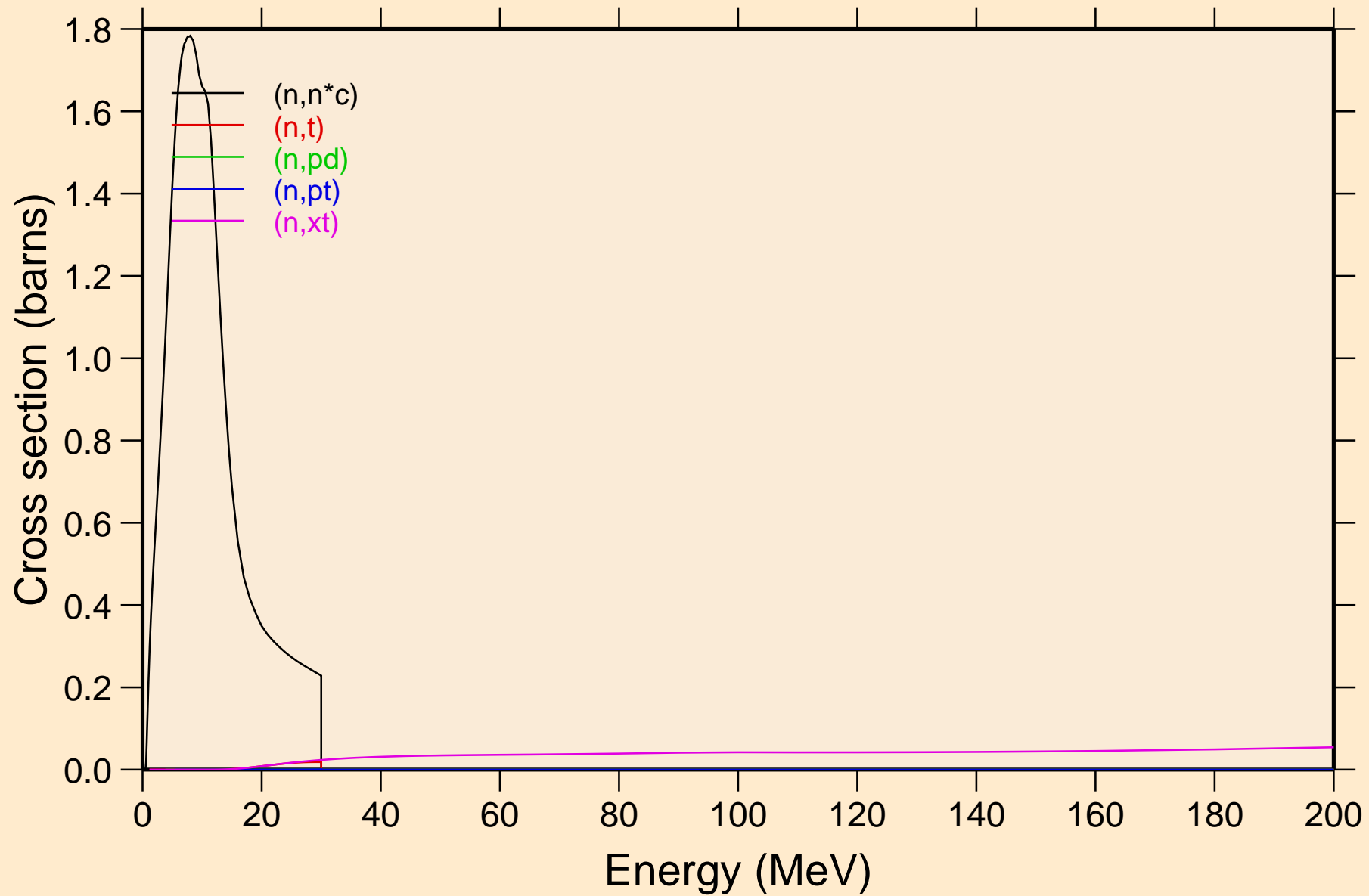
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



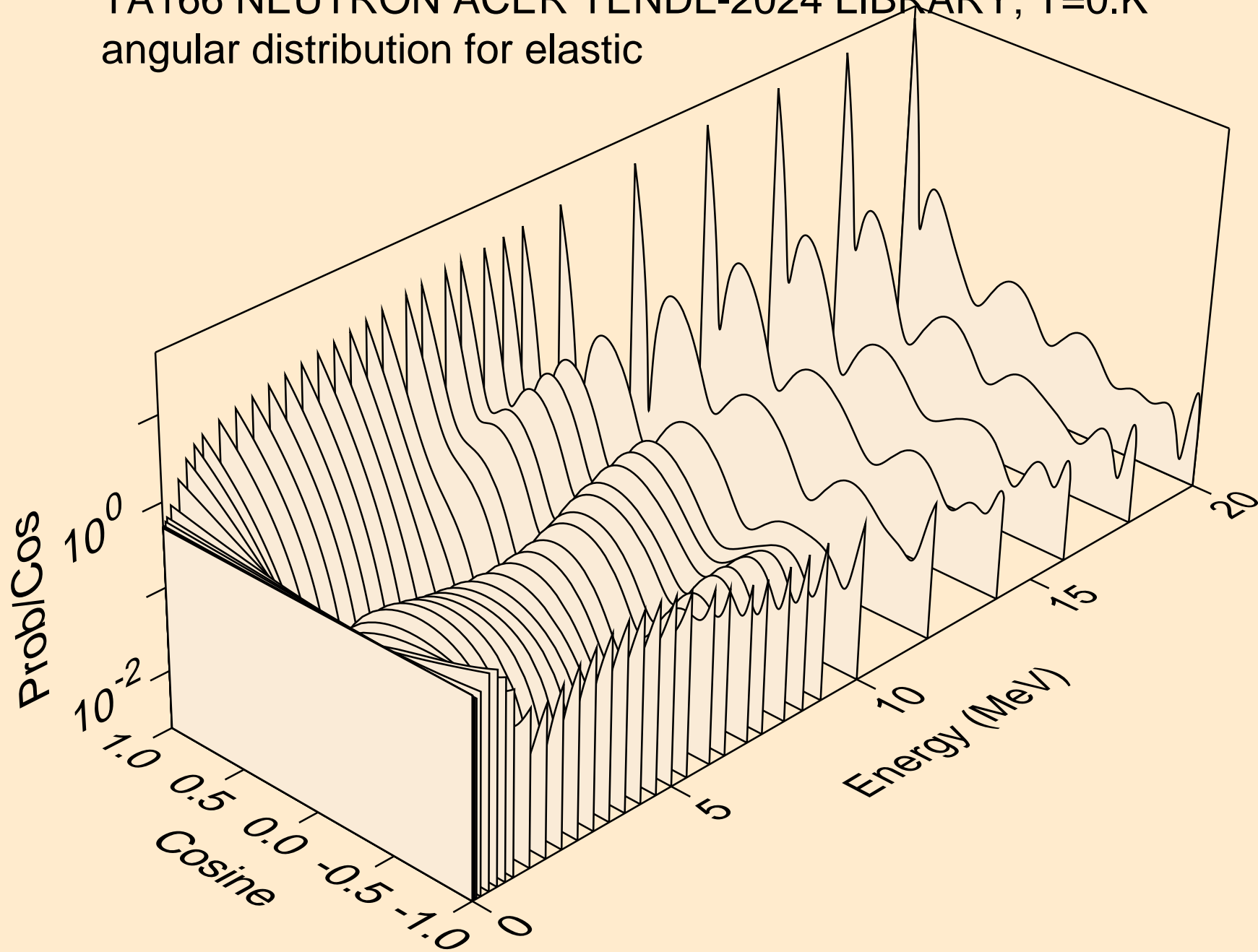
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

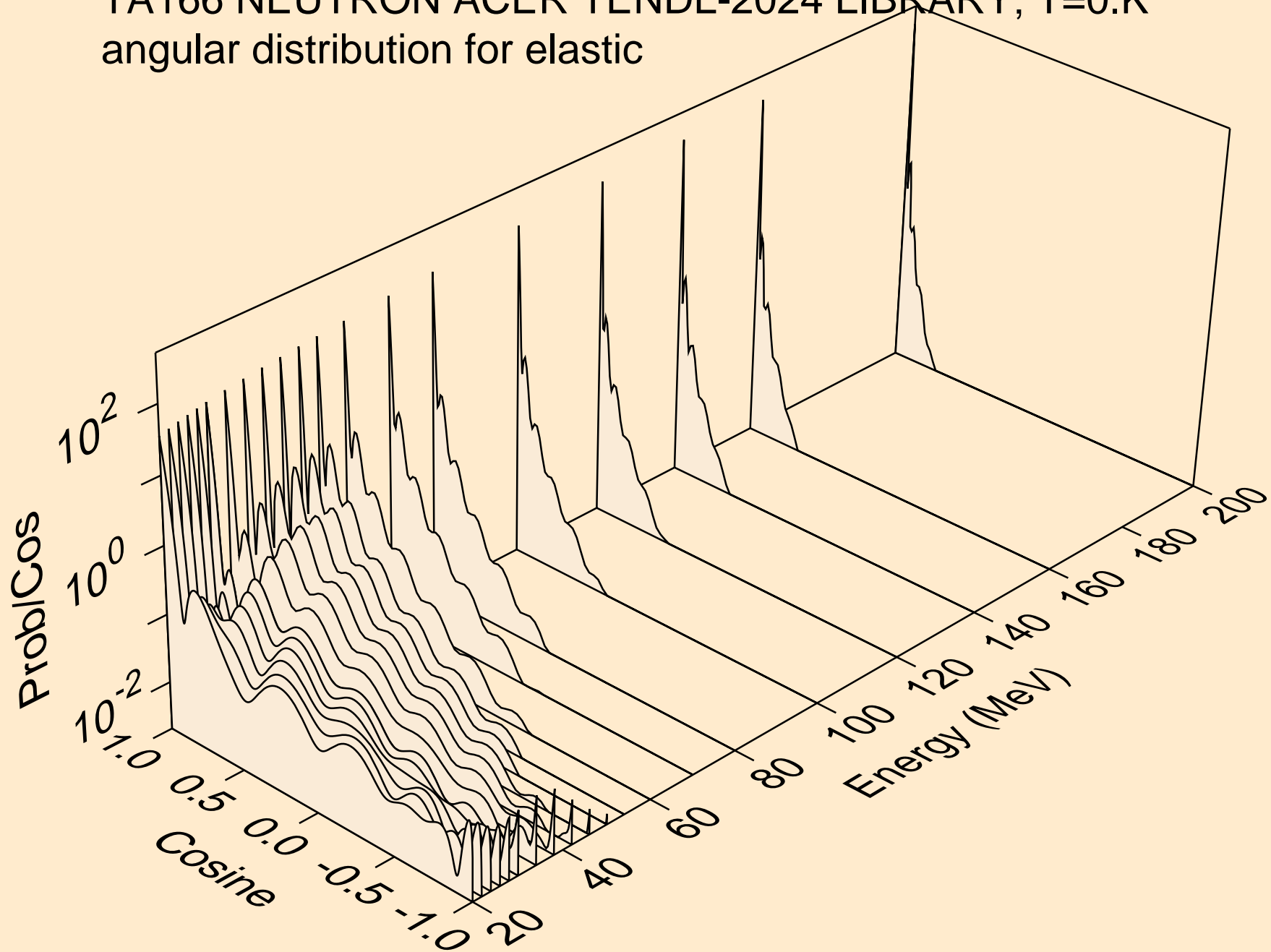


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

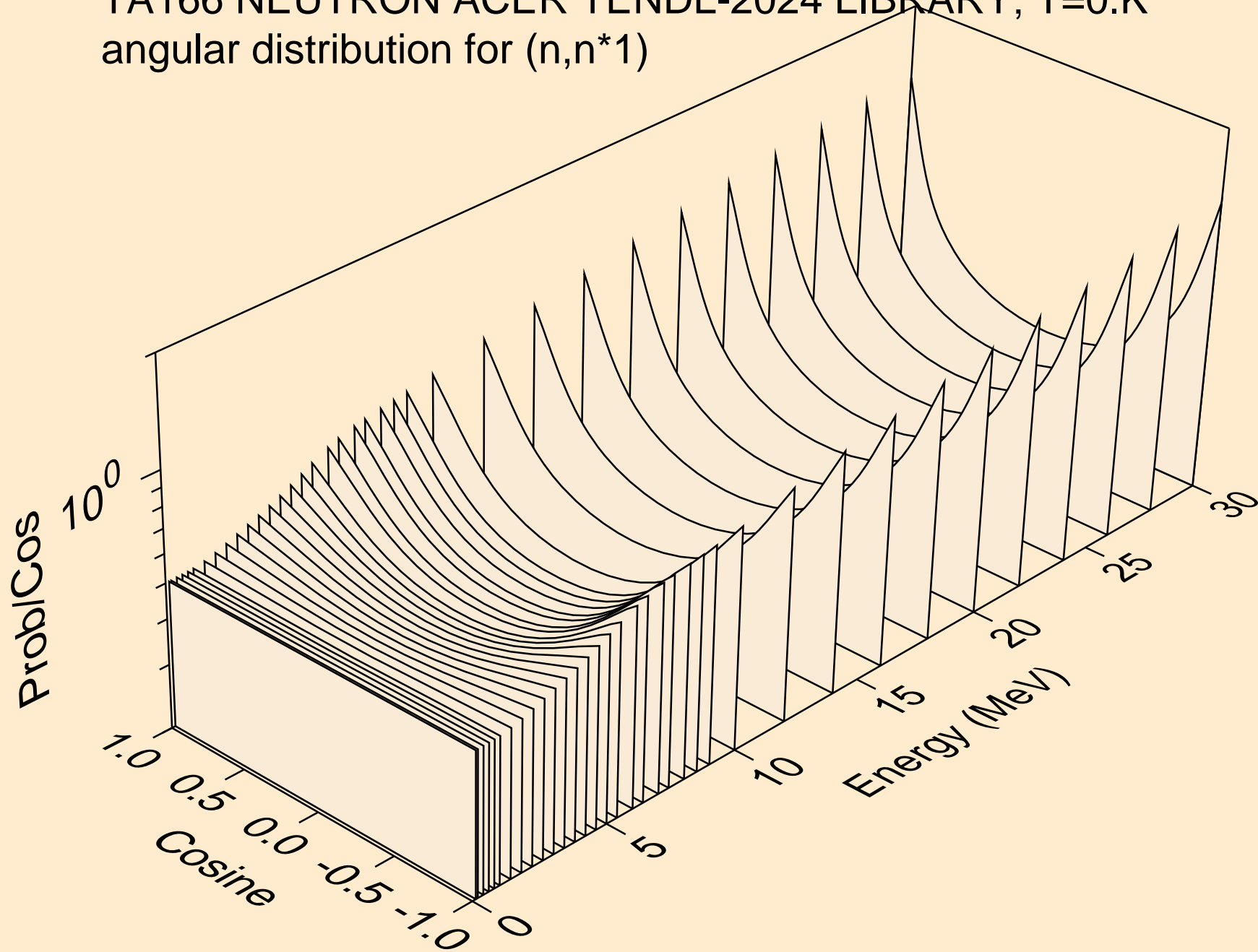




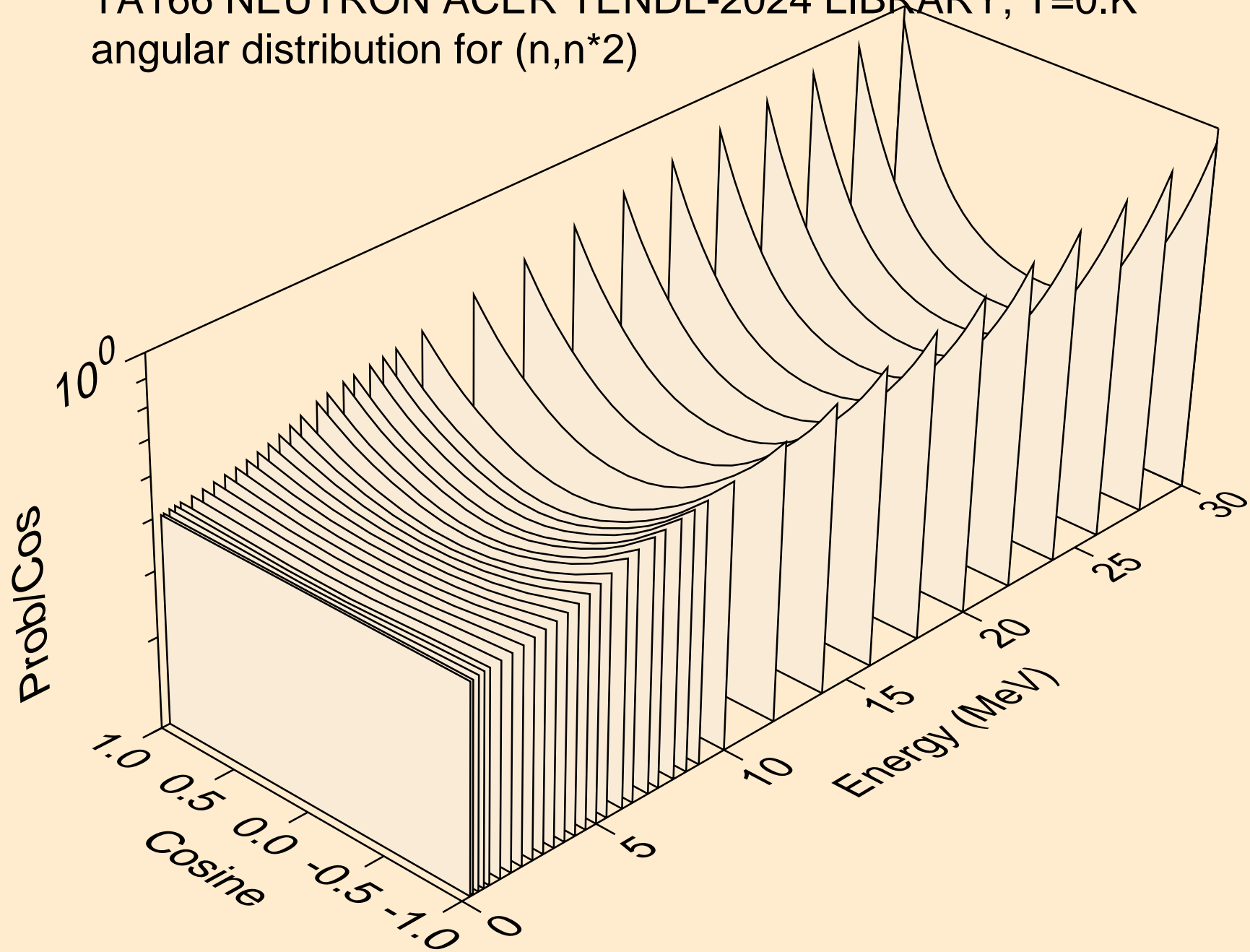
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angular distribution for elastic



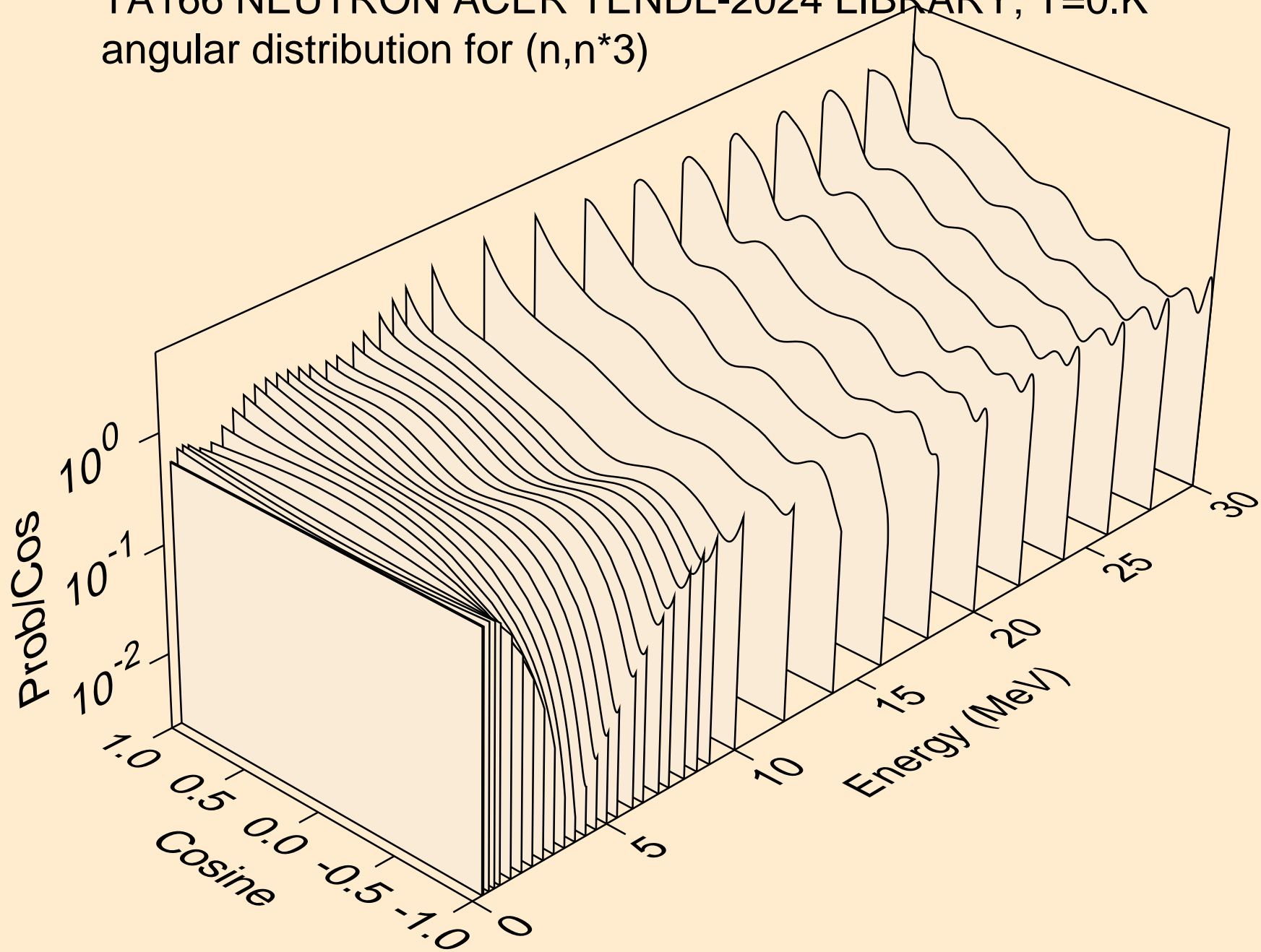
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angular distribution for (n,n\*1)



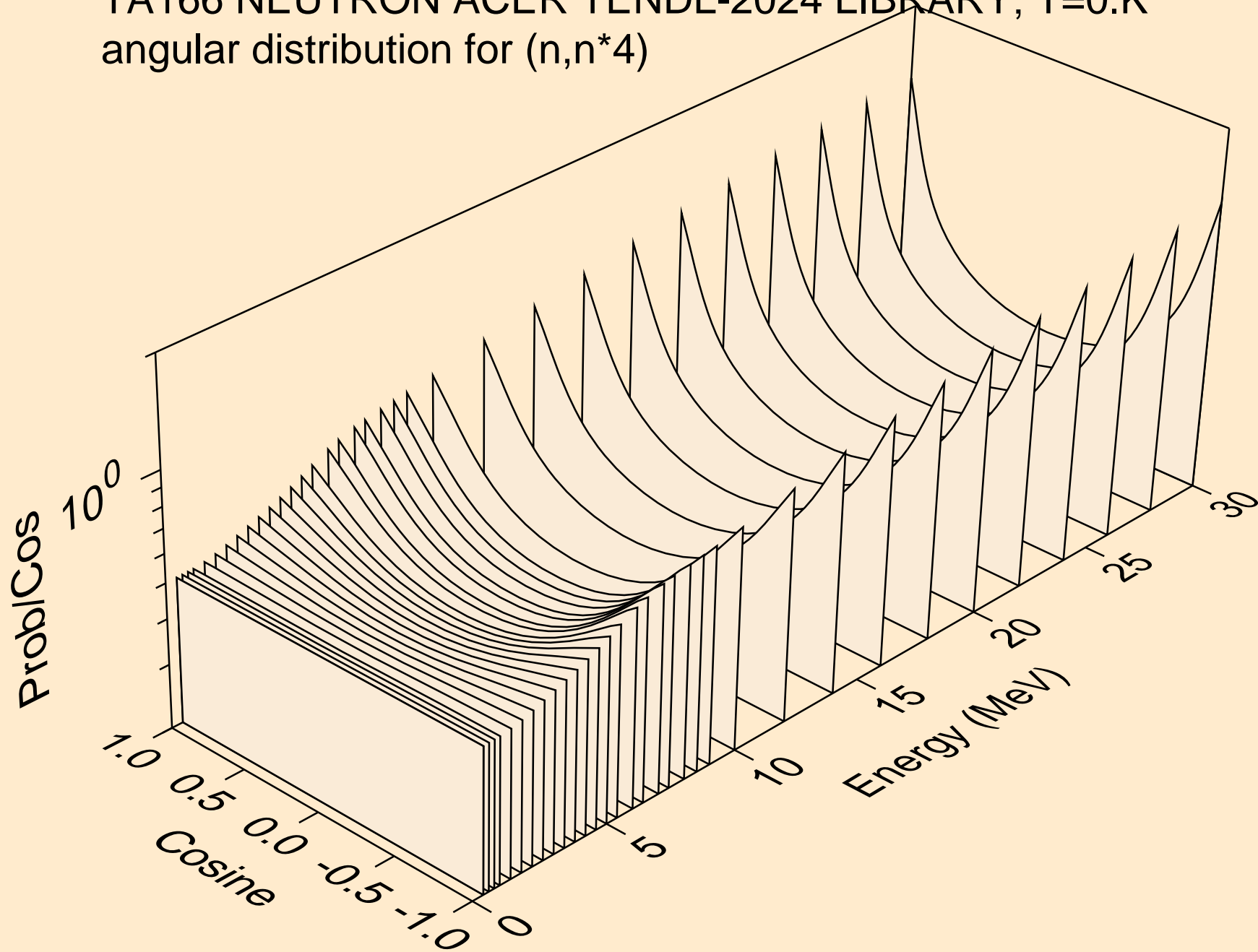
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angular distribution for (n,n\*2)



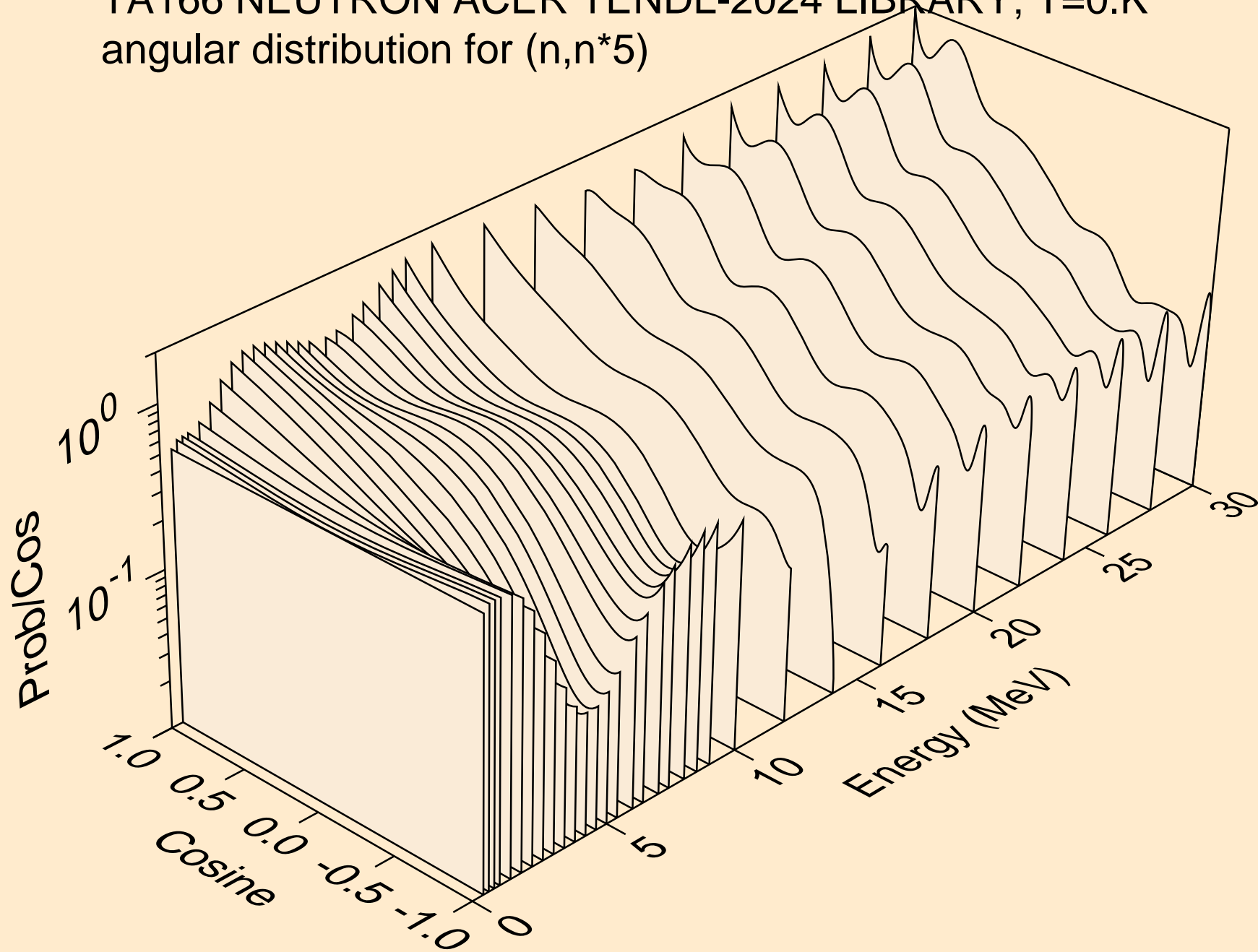
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angular distribution for (n,n\*3)



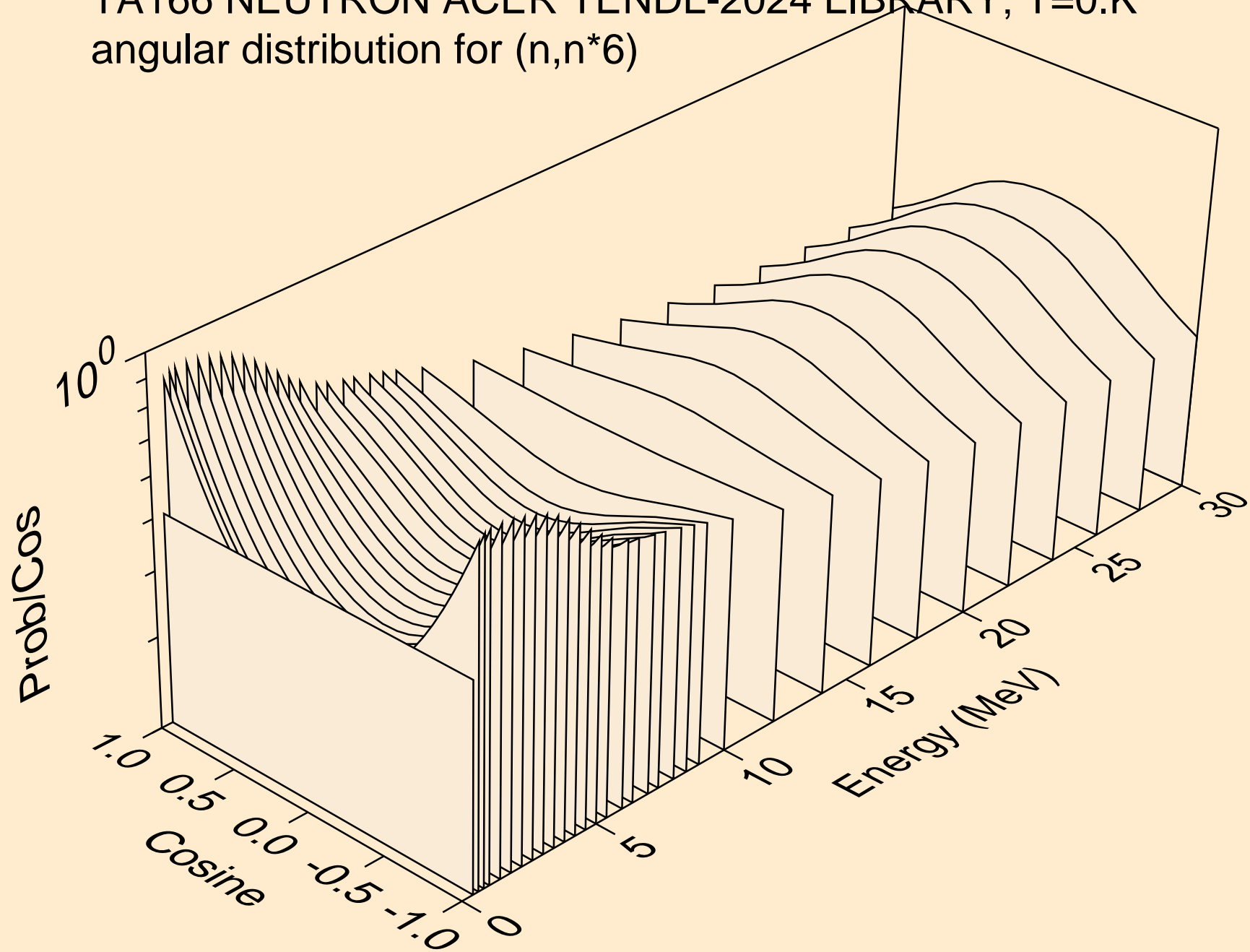
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angular distribution for (n,n\*4)



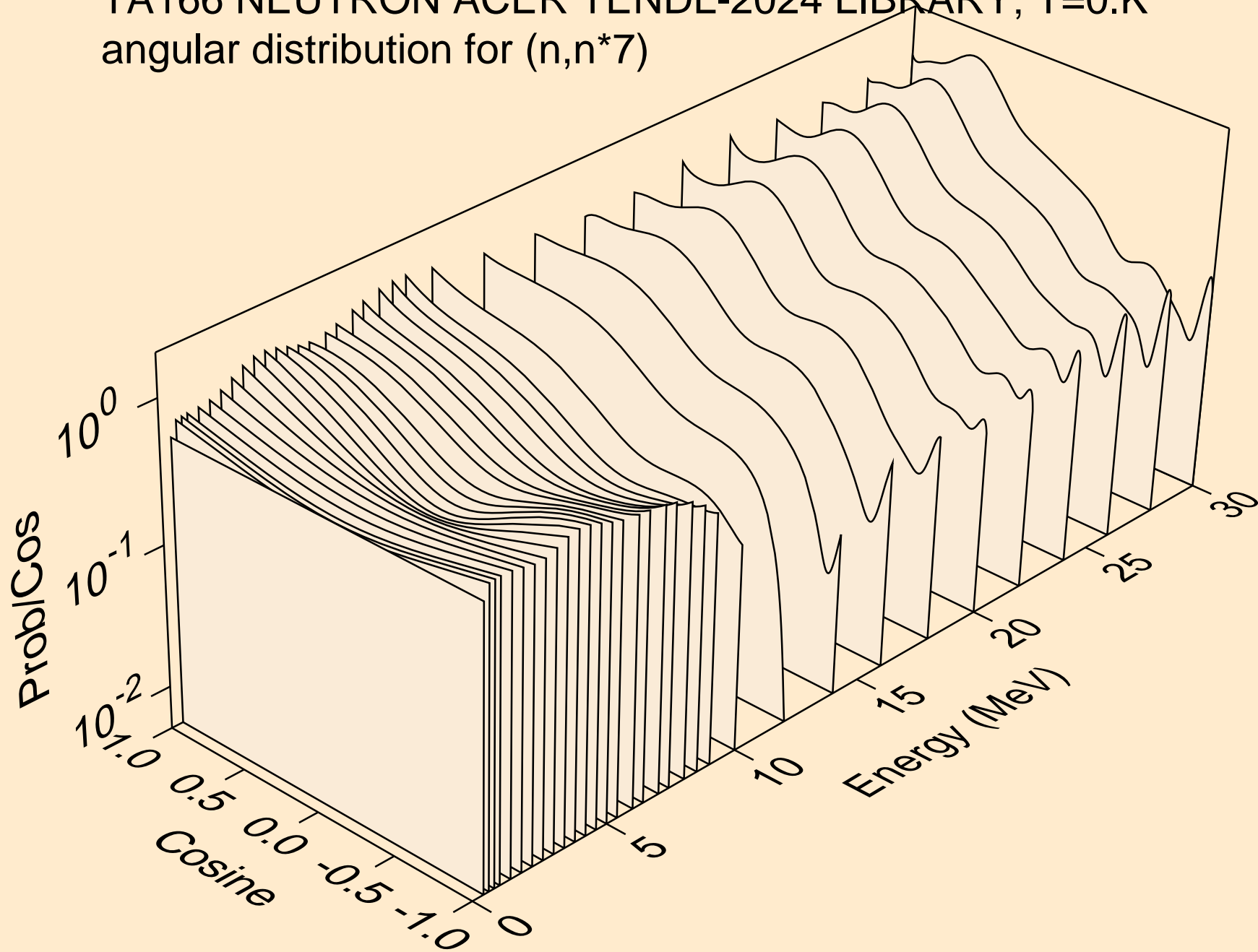
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

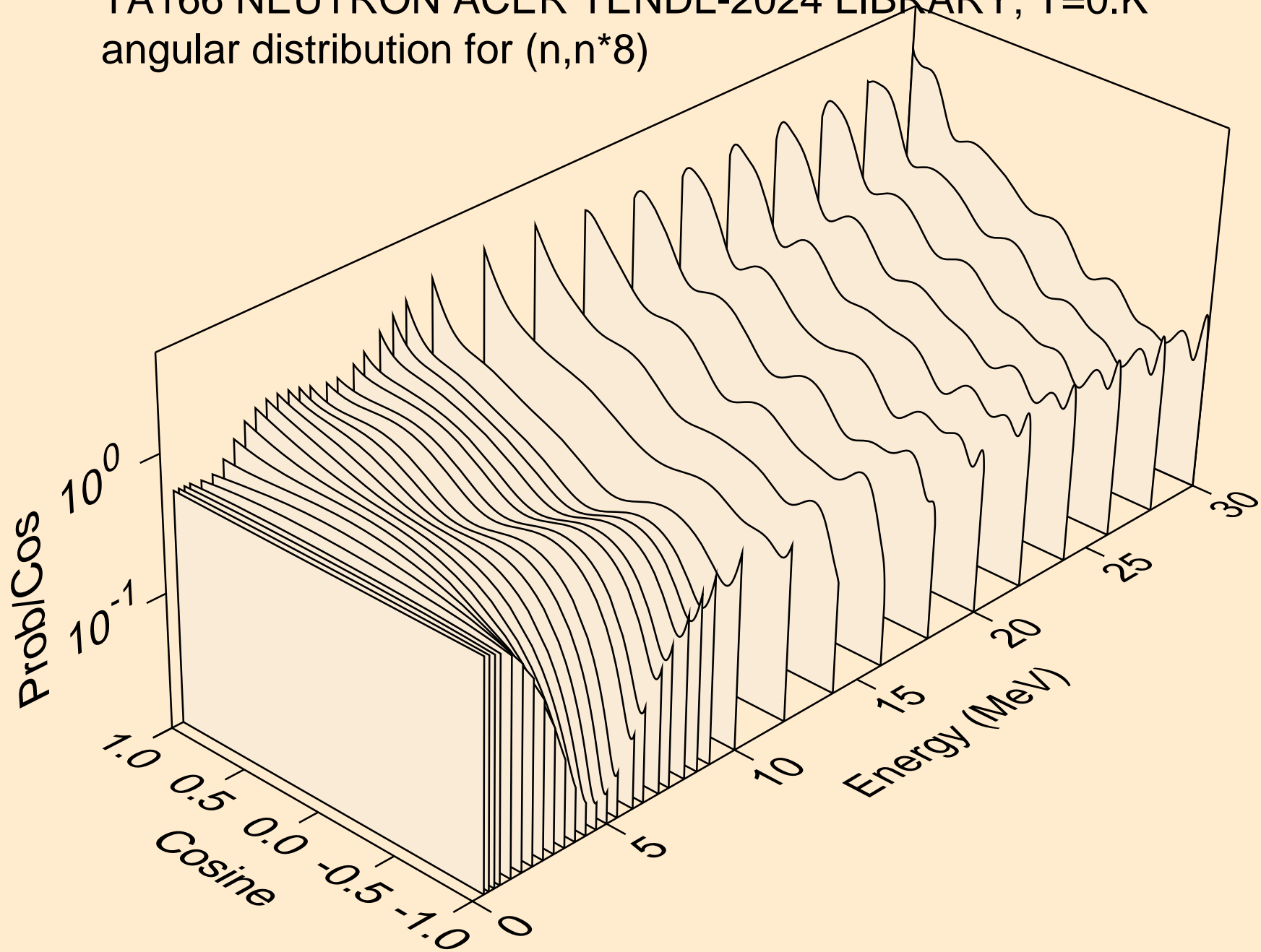


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

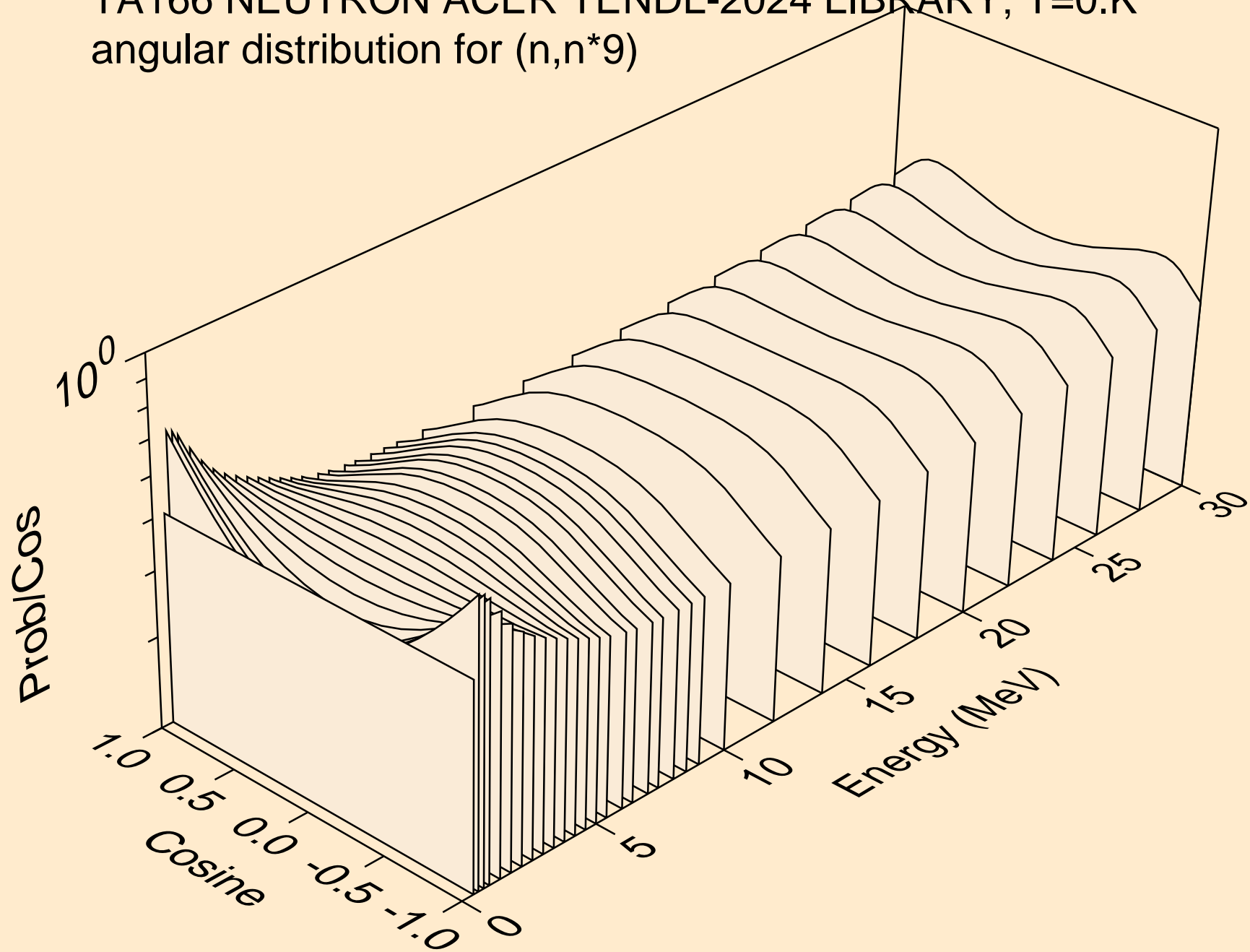




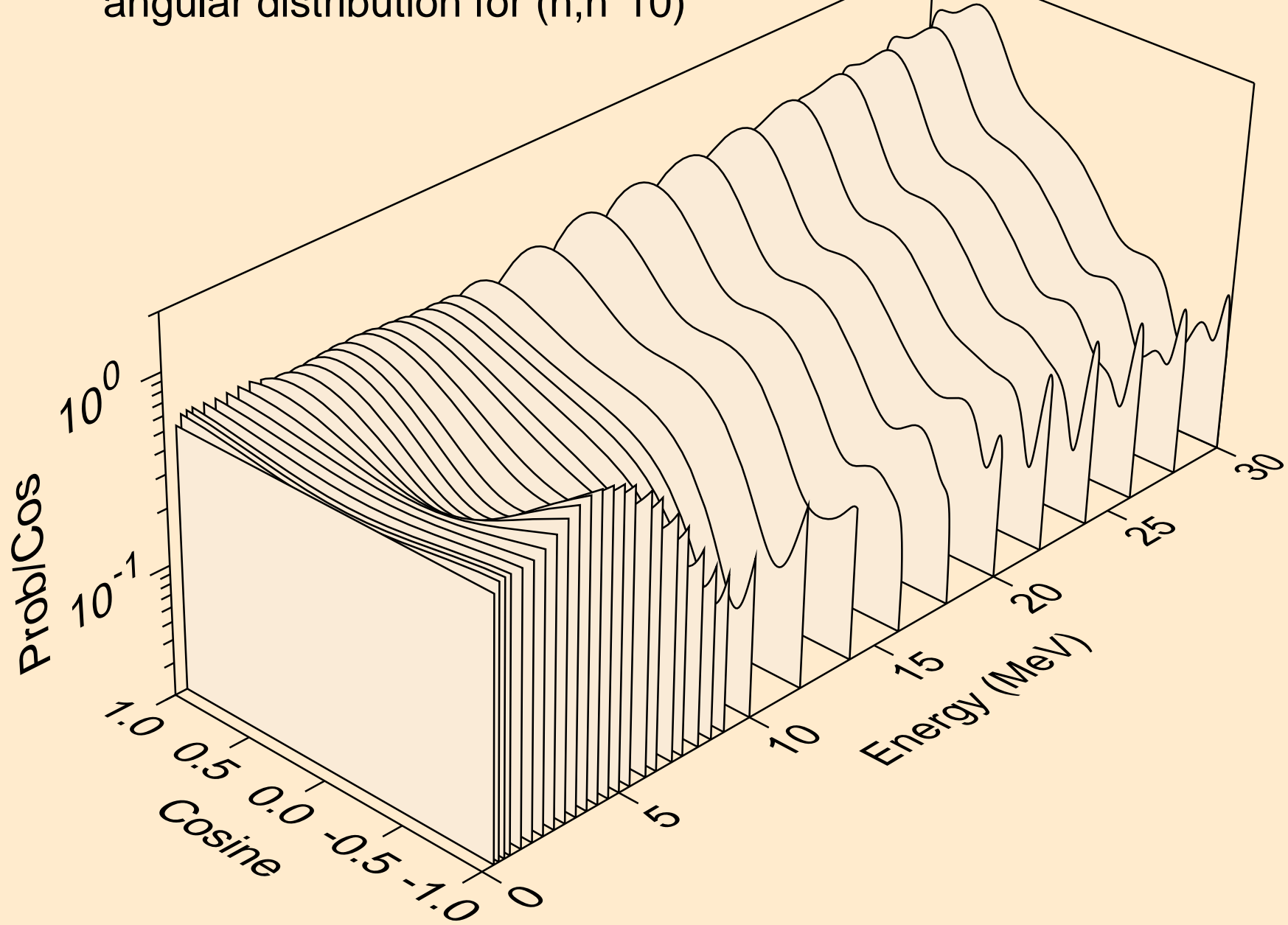
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angular distribution for (n,n\*8)



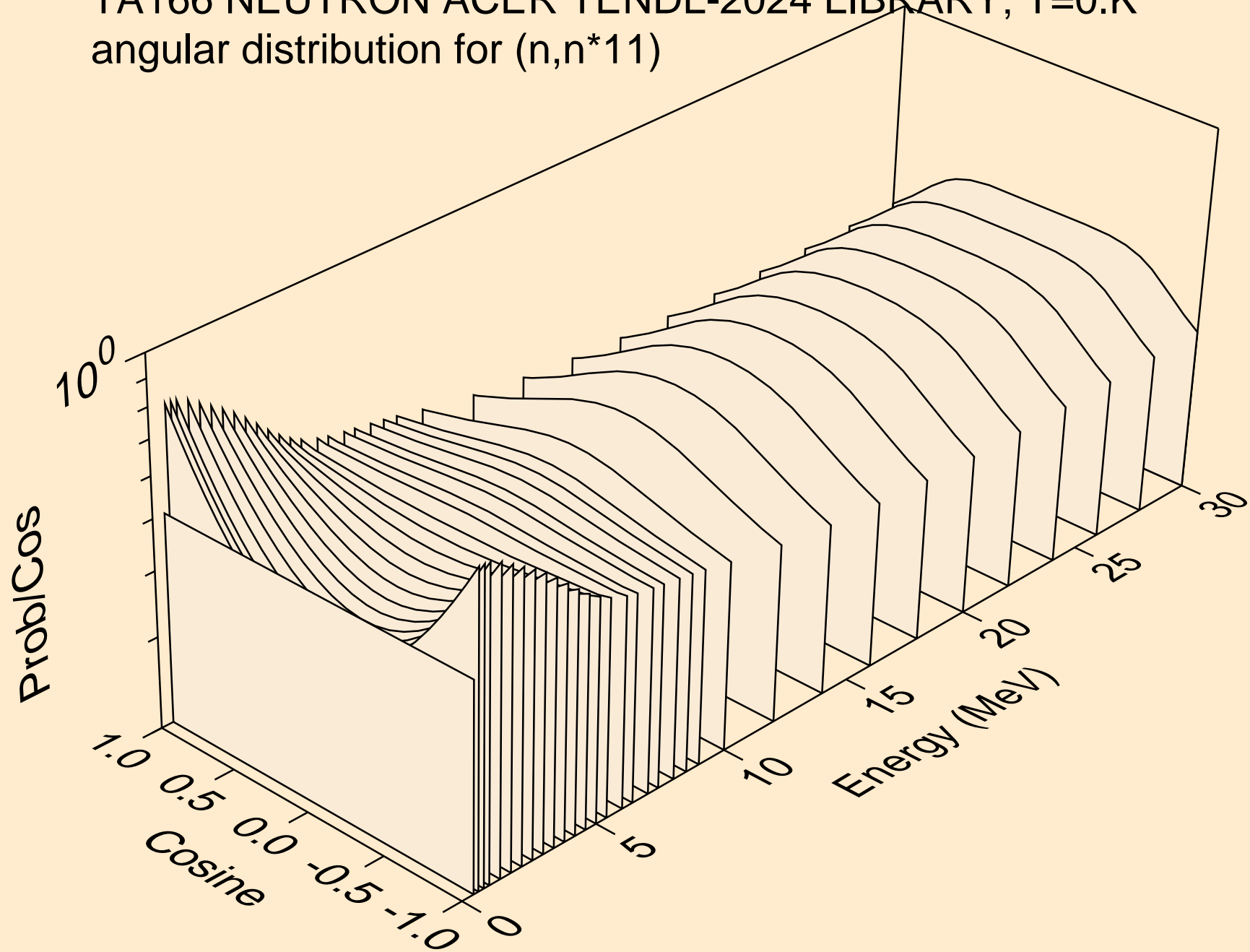
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angular distribution for (n,n\*9)



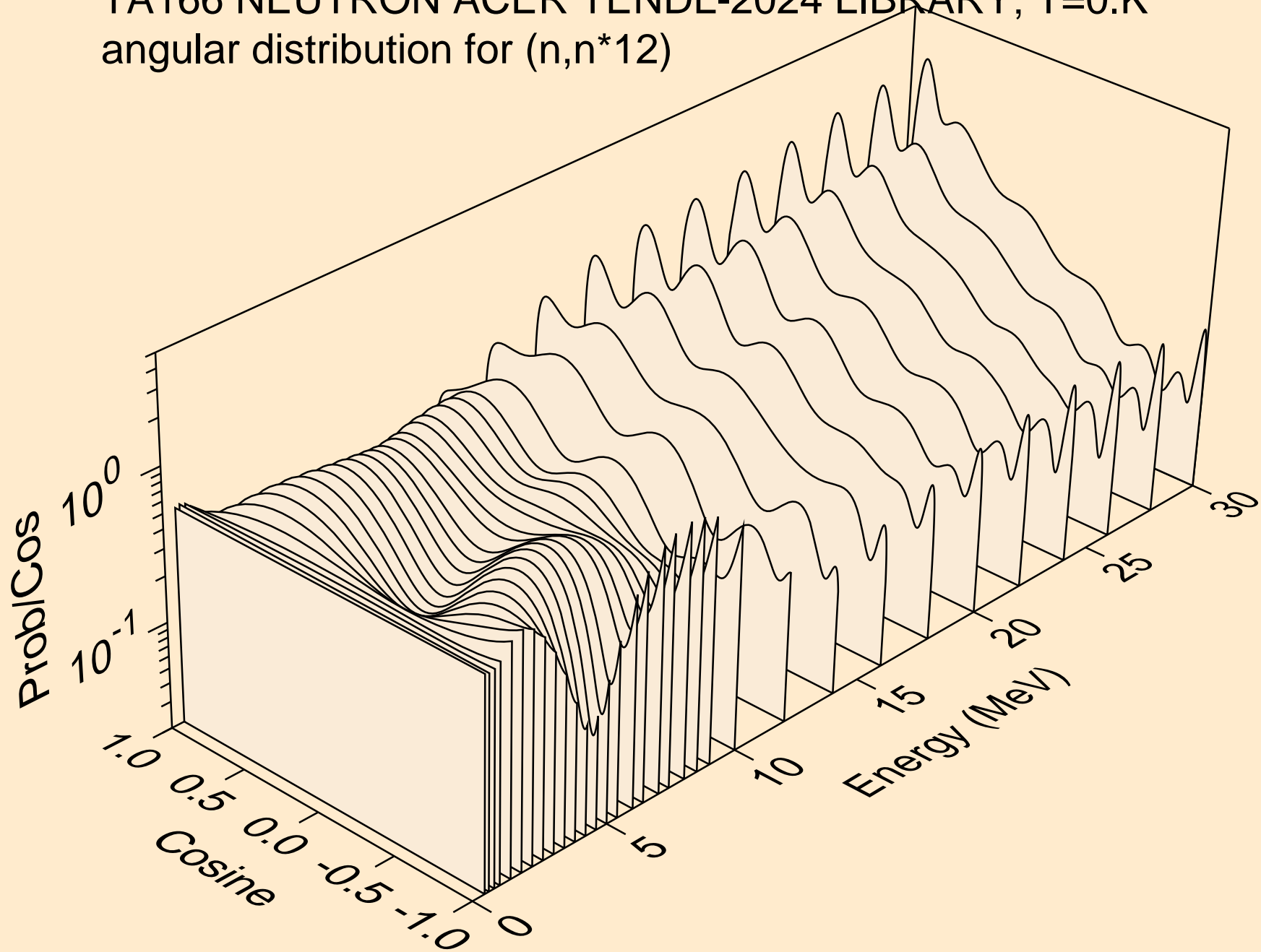
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angular distribution for (n,n\*10)



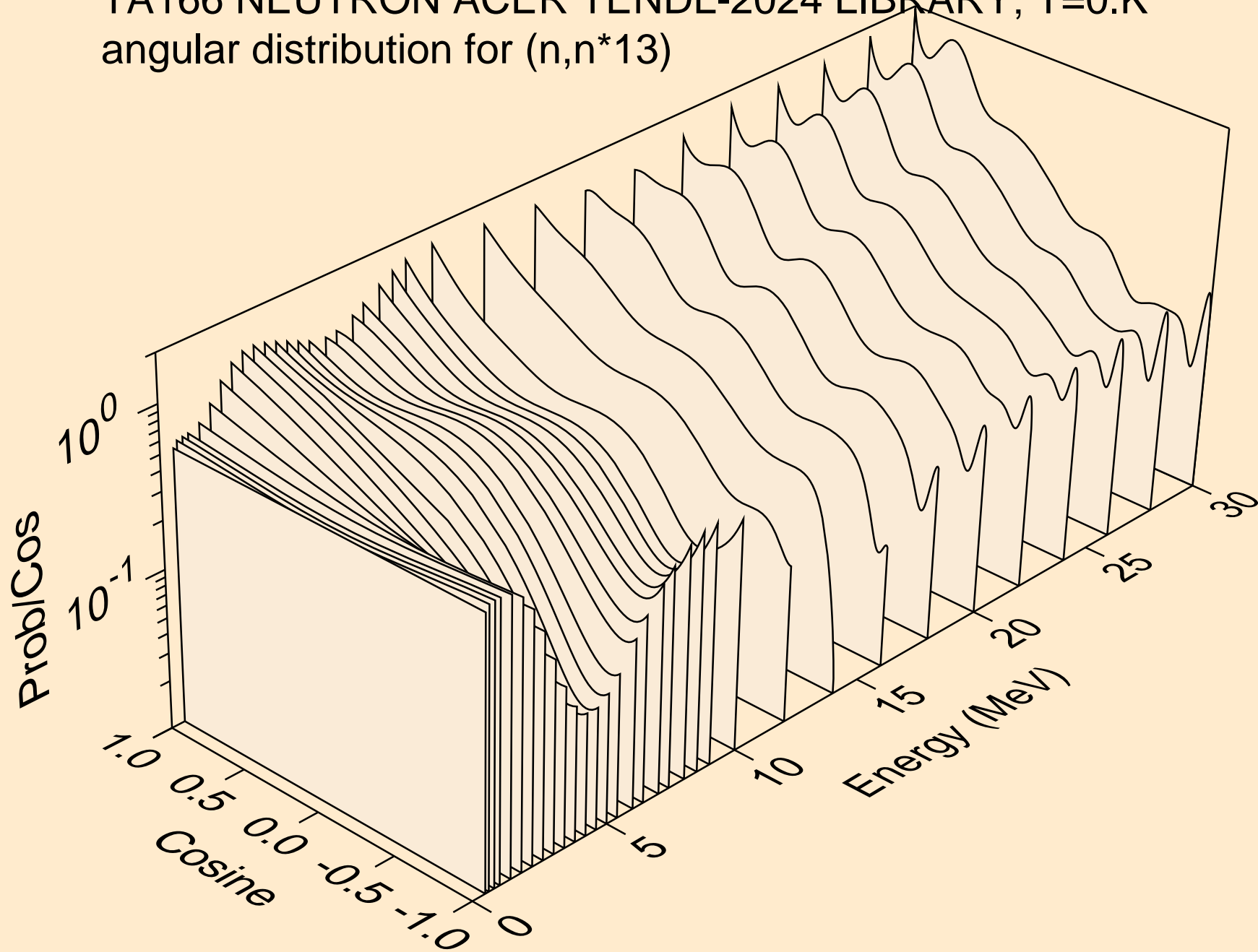
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angular distribution for (n,n\*11)



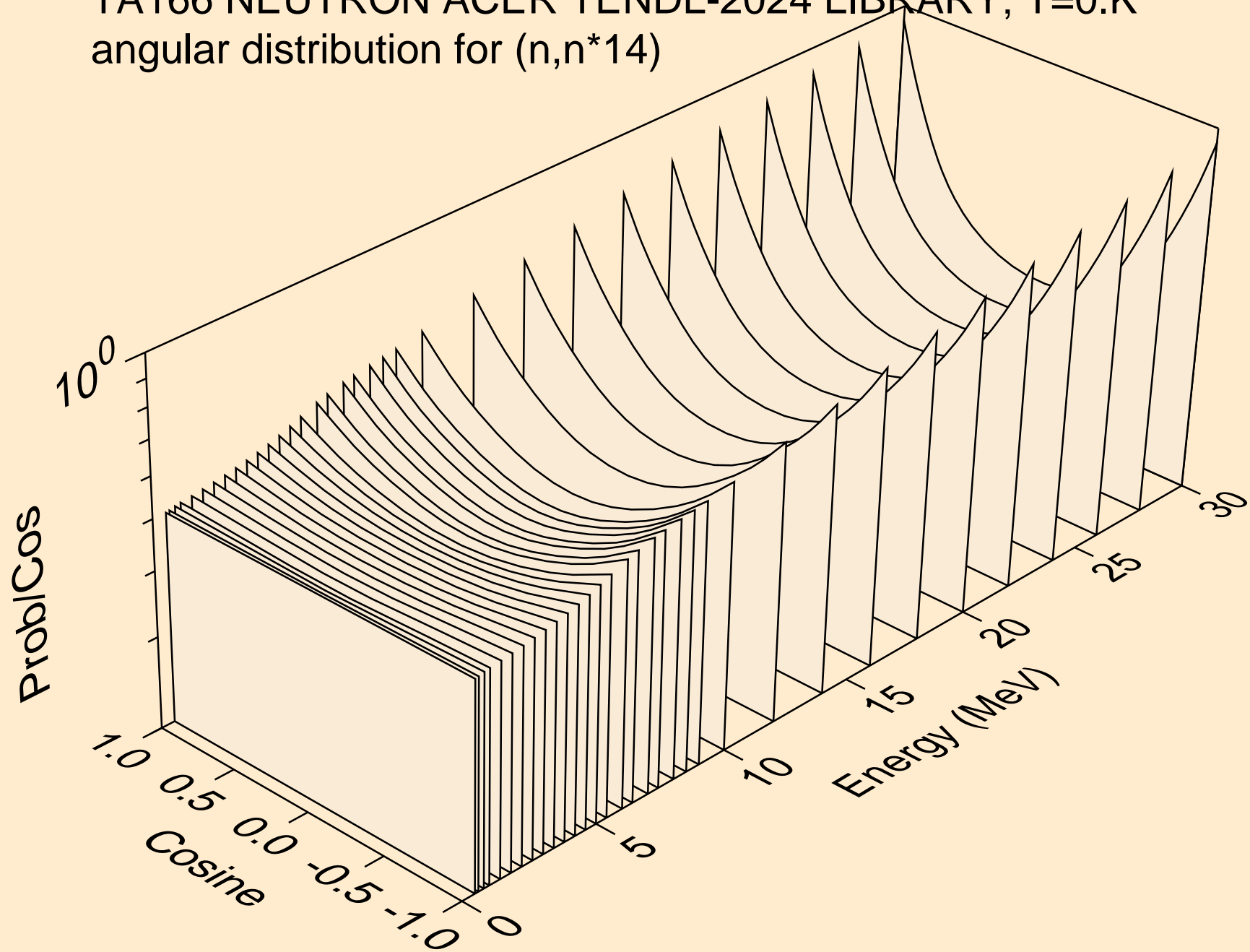
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angular distribution for (n,n\*12)



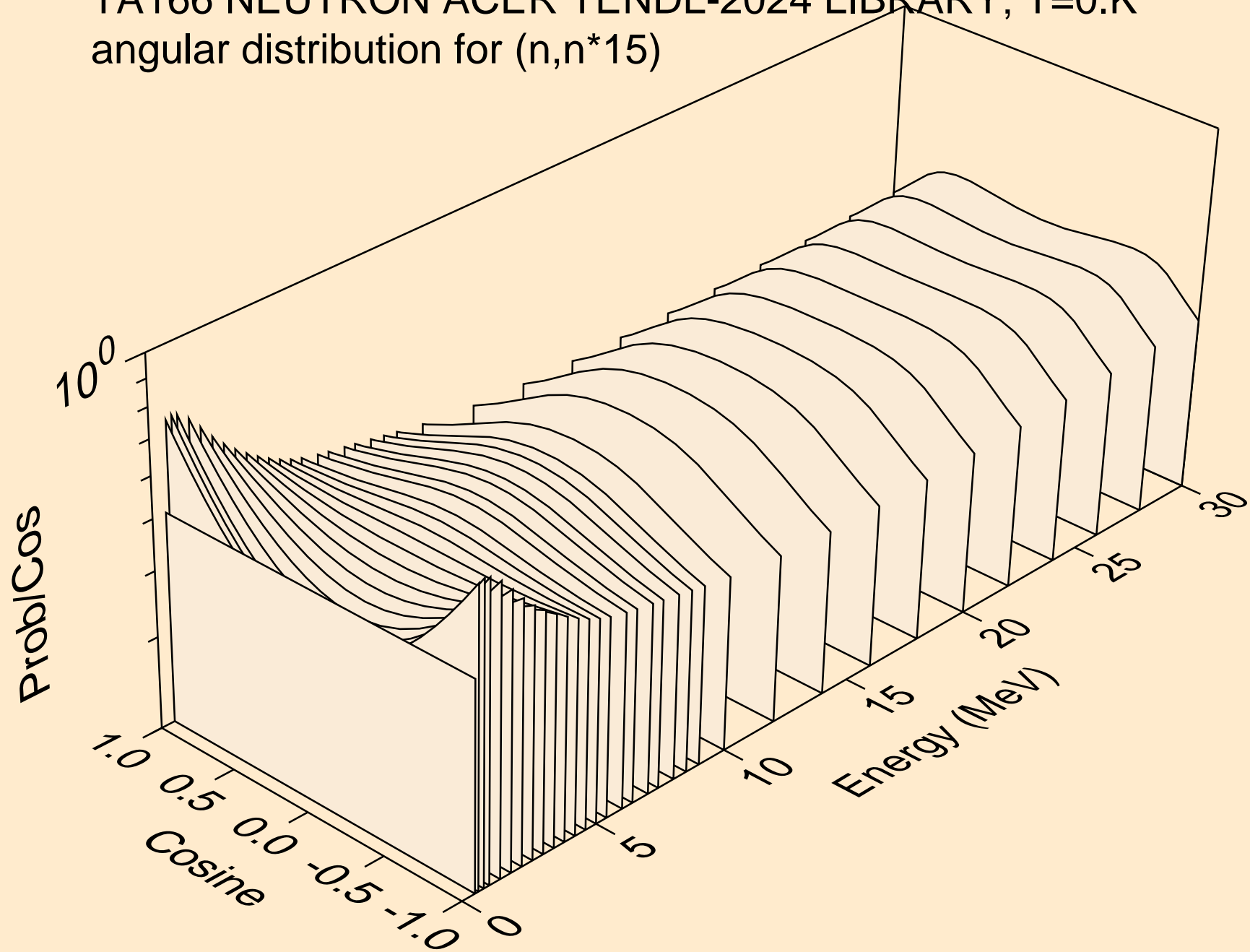
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

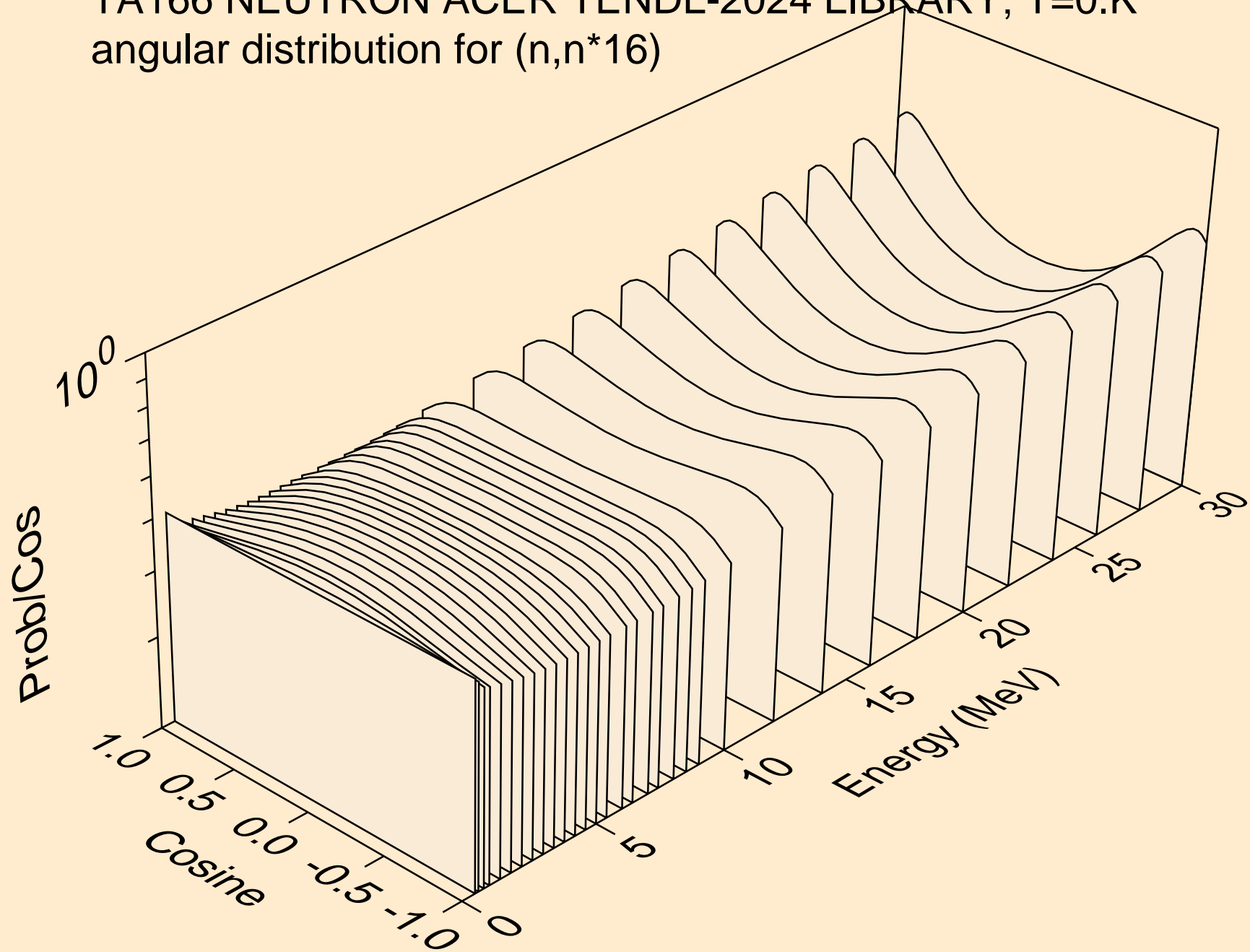


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angular distribution for (n,n\*15)

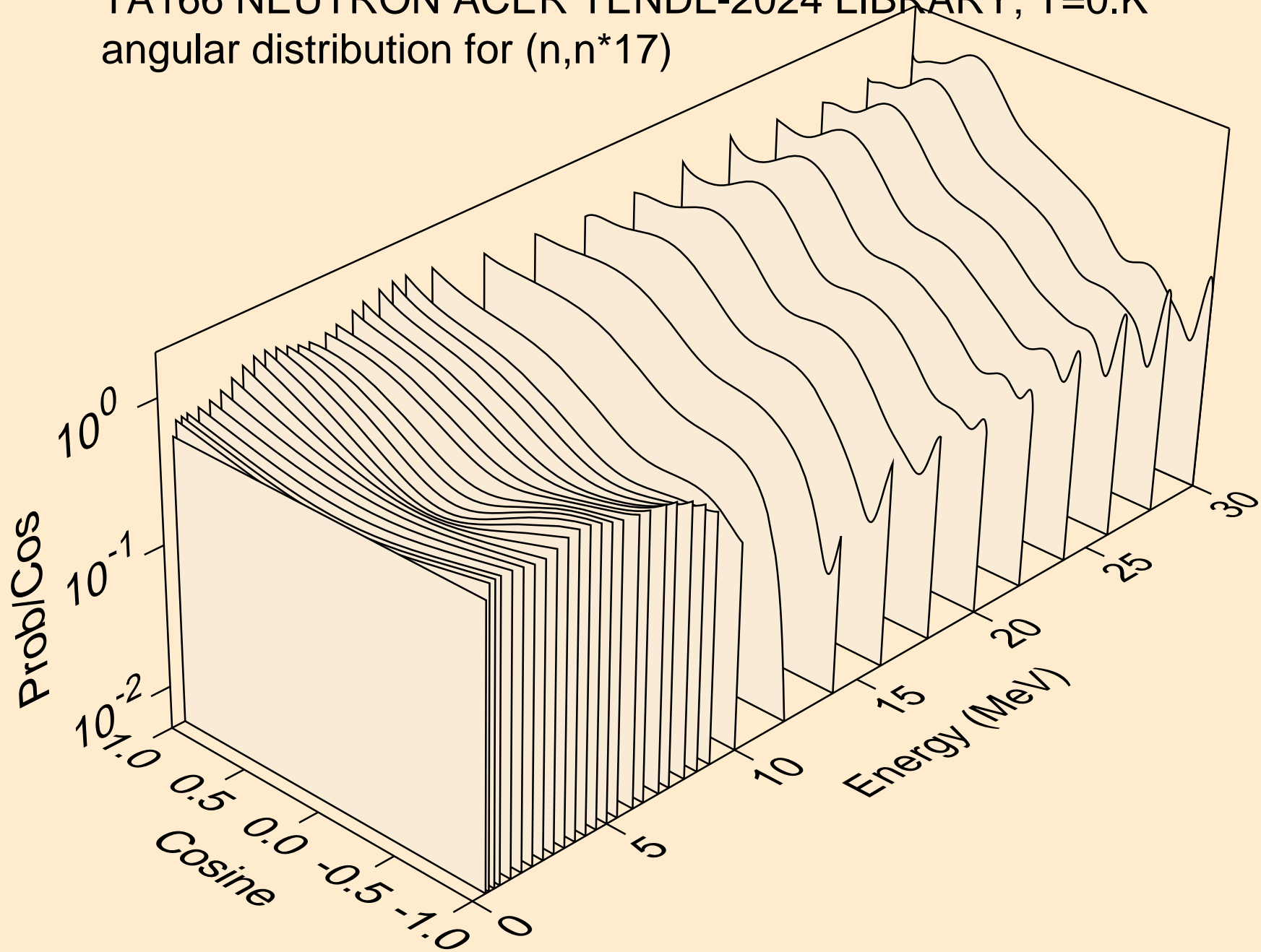




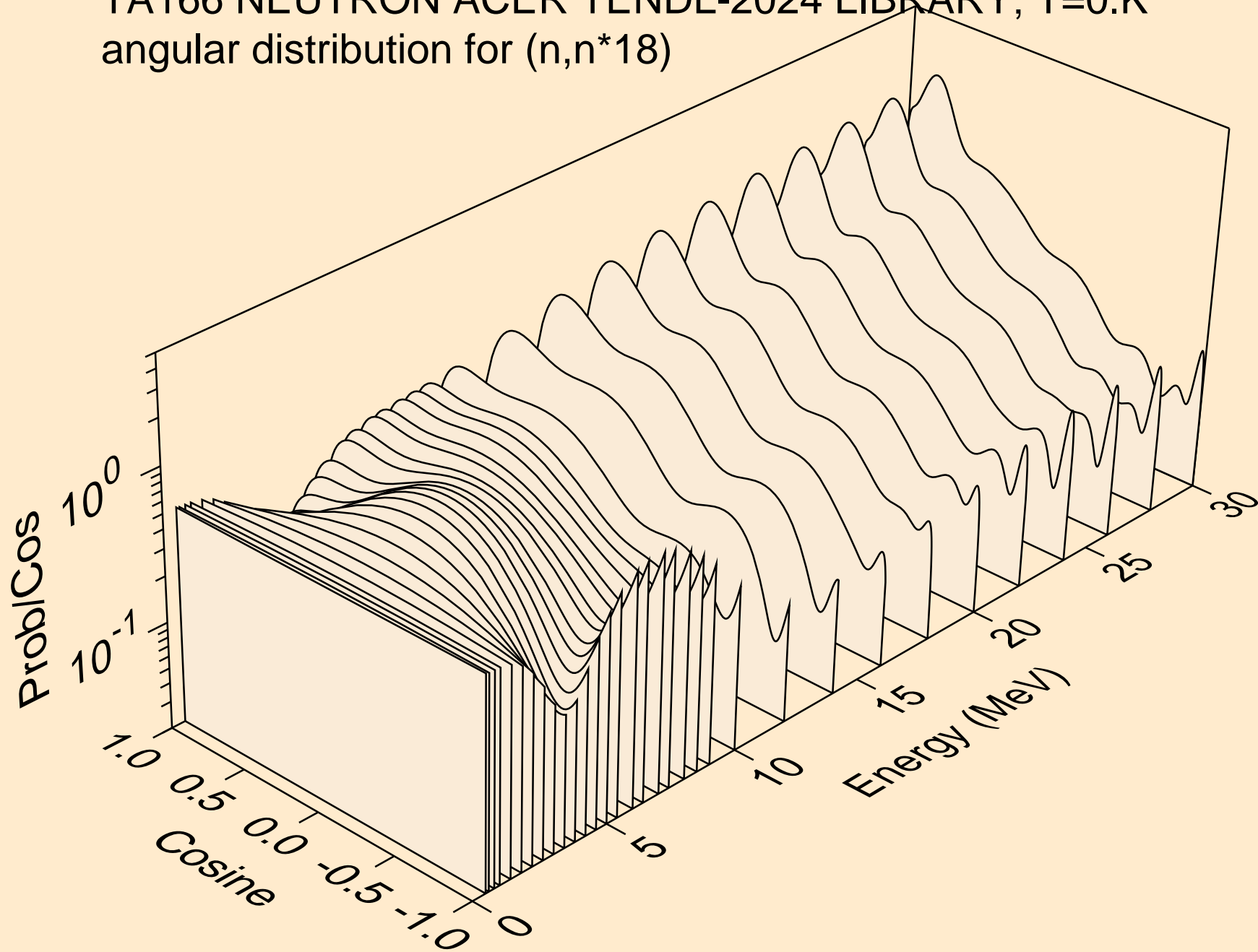
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angular distribution for (n,n\*16)



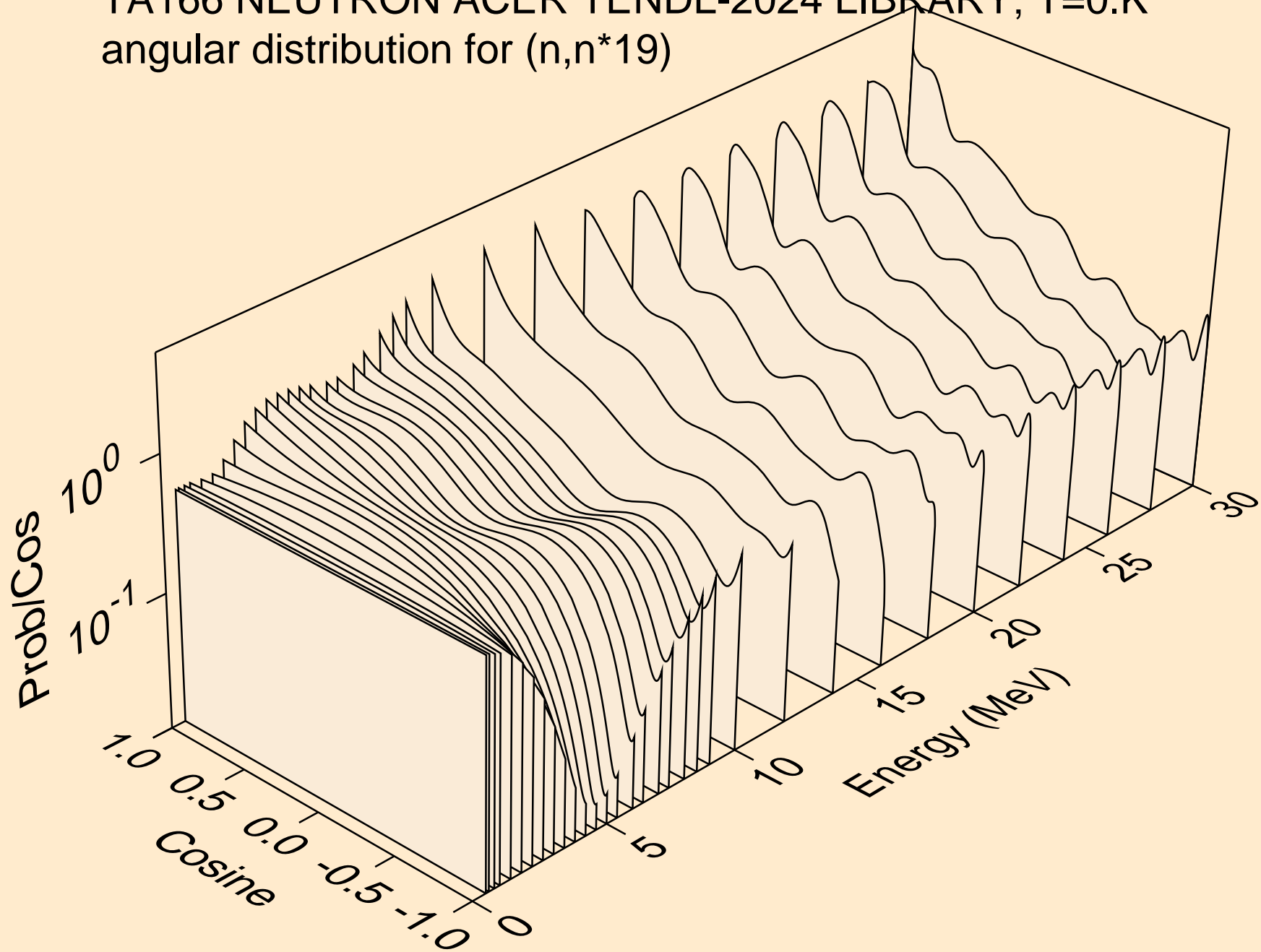
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angular distribution for (n,n\*17)



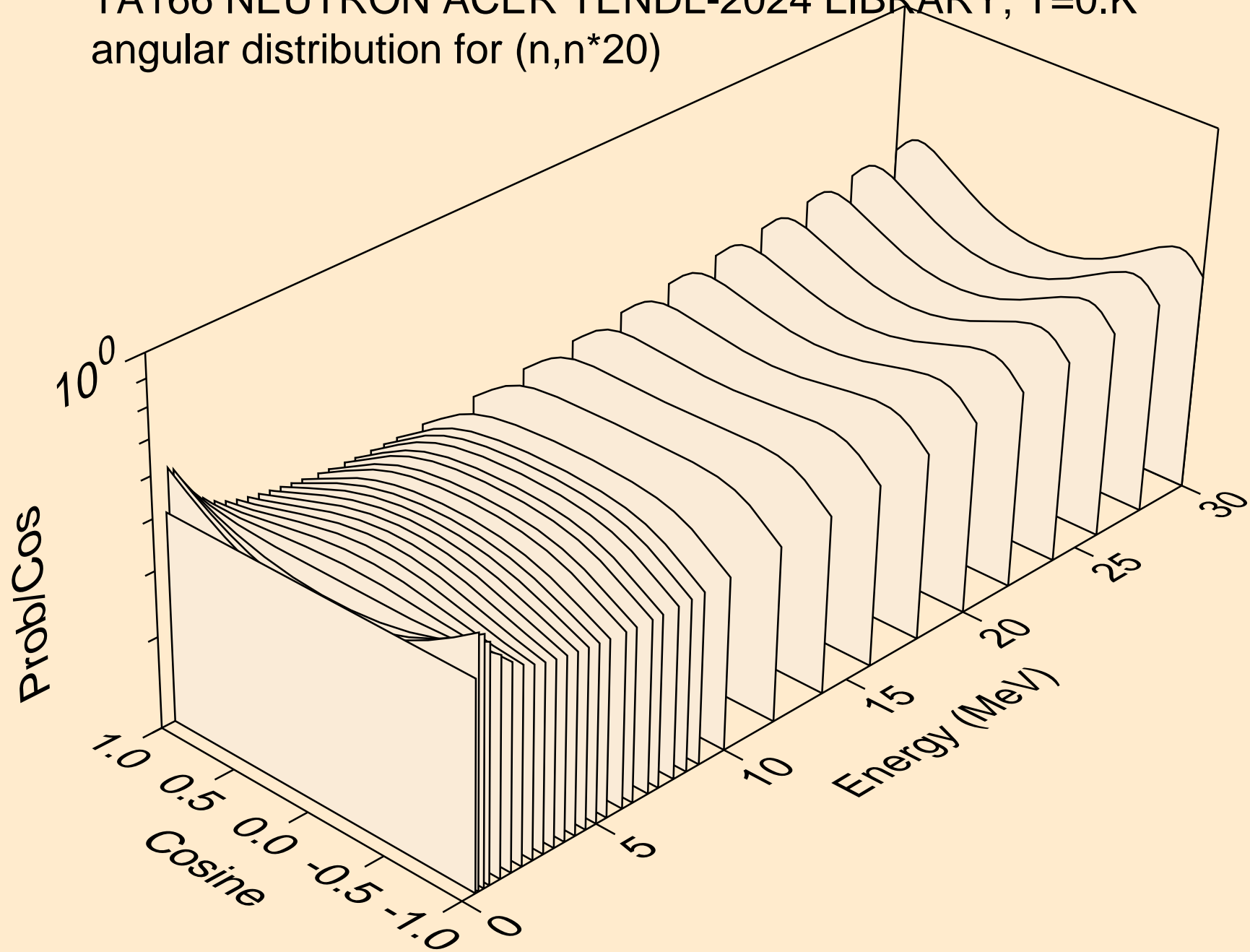
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angular distribution for (n,n\*18)



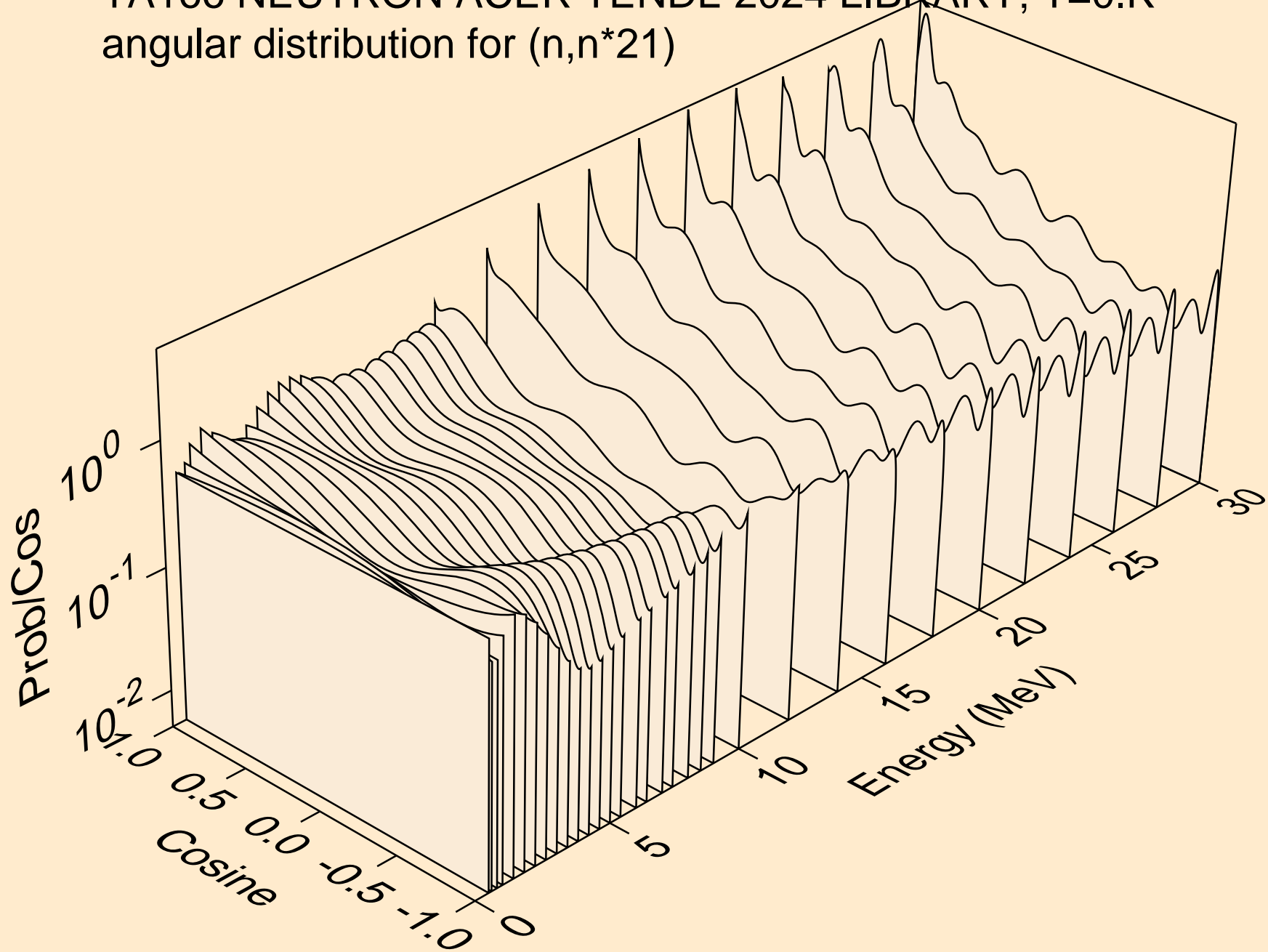
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angular distribution for (n,n\*19)



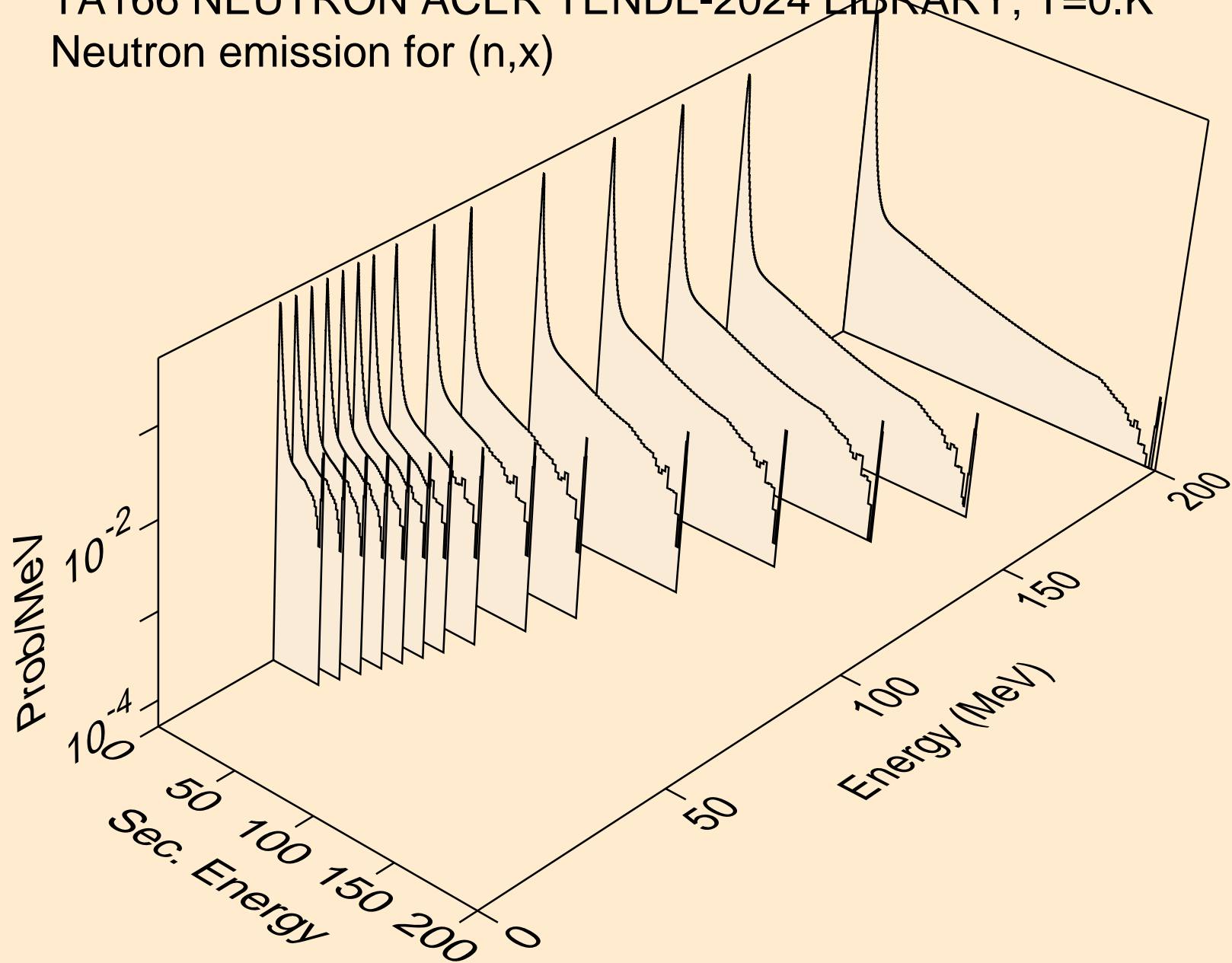
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angular distribution for (n,n\*20)



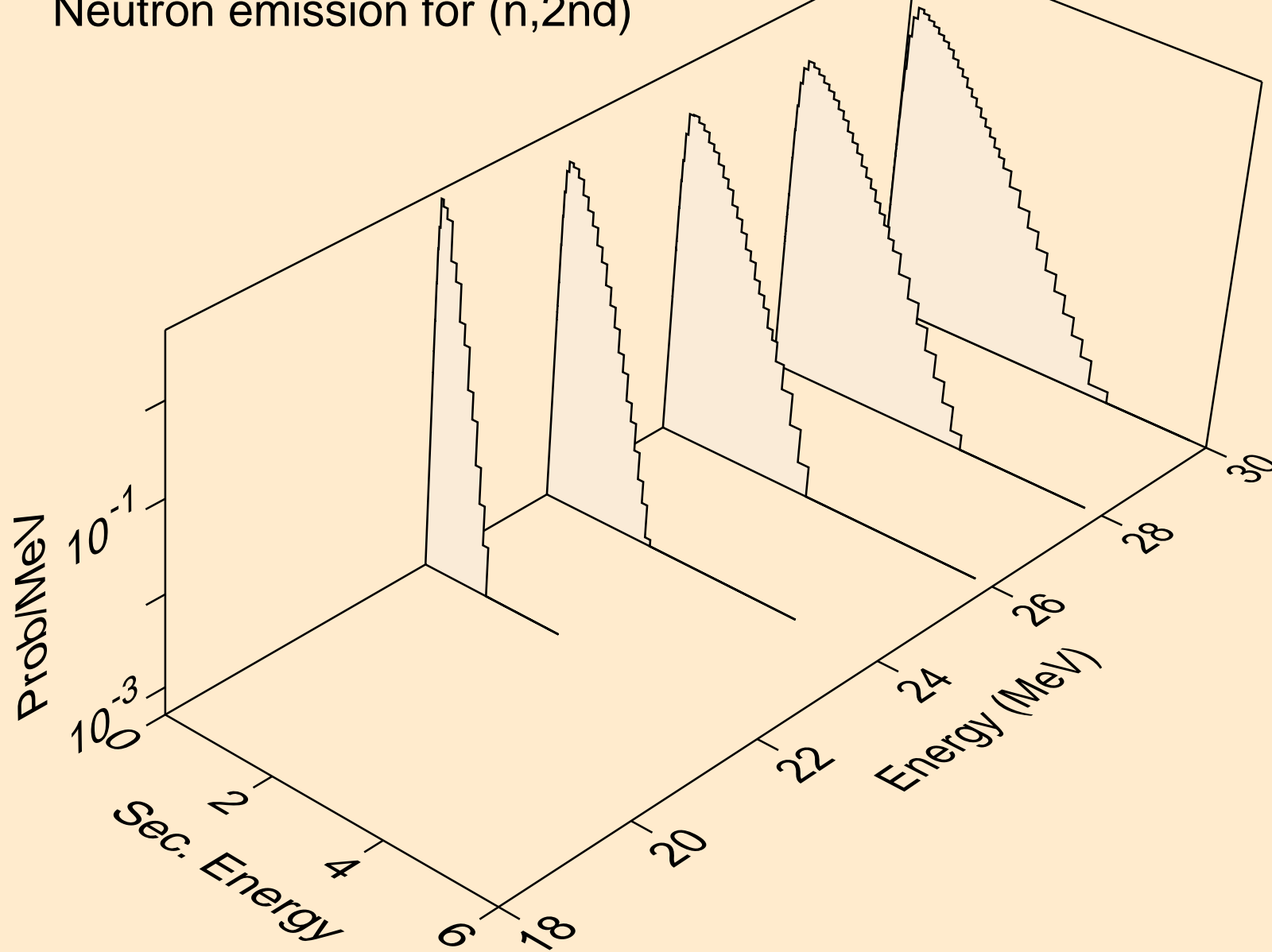
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

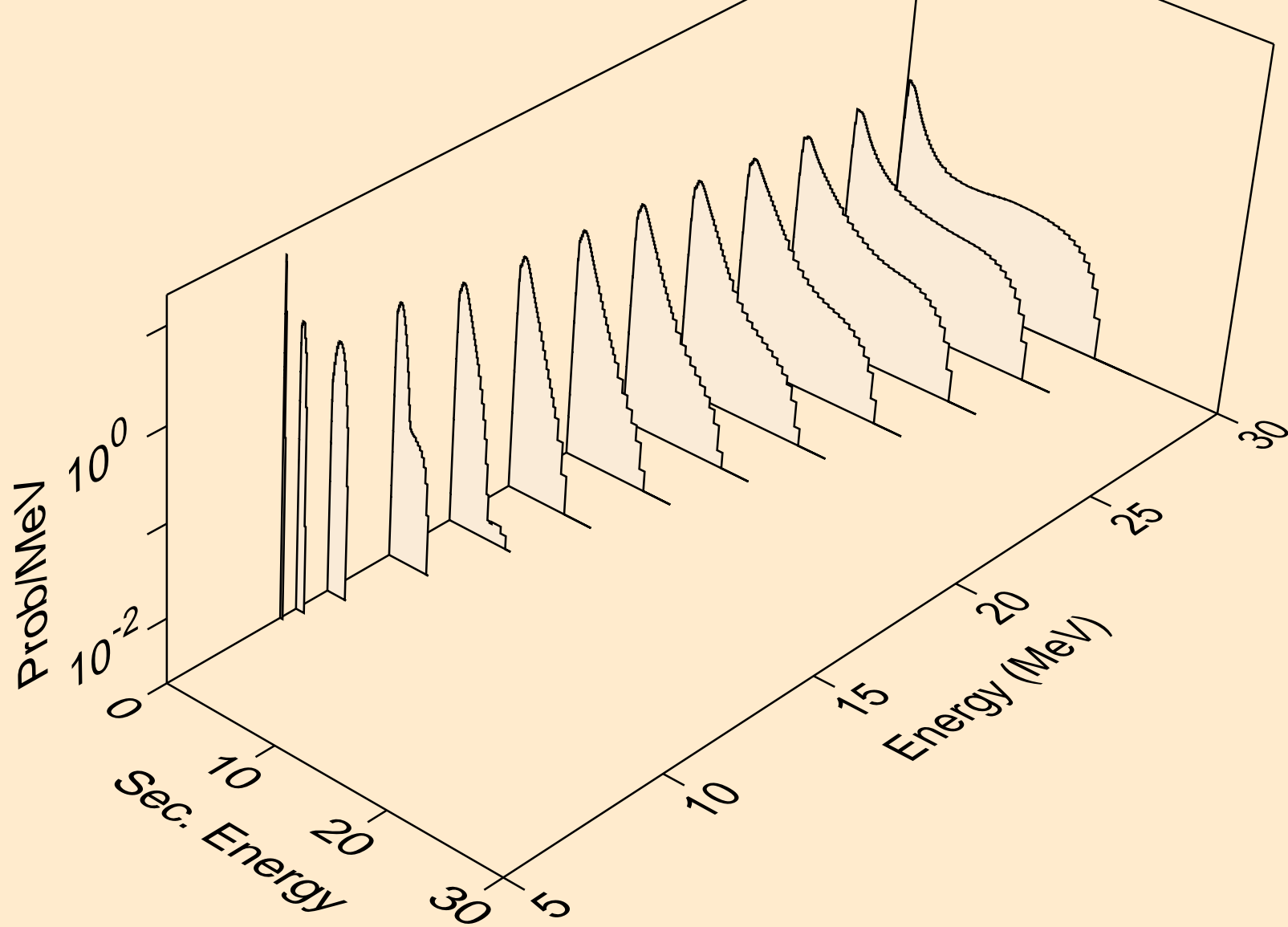


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

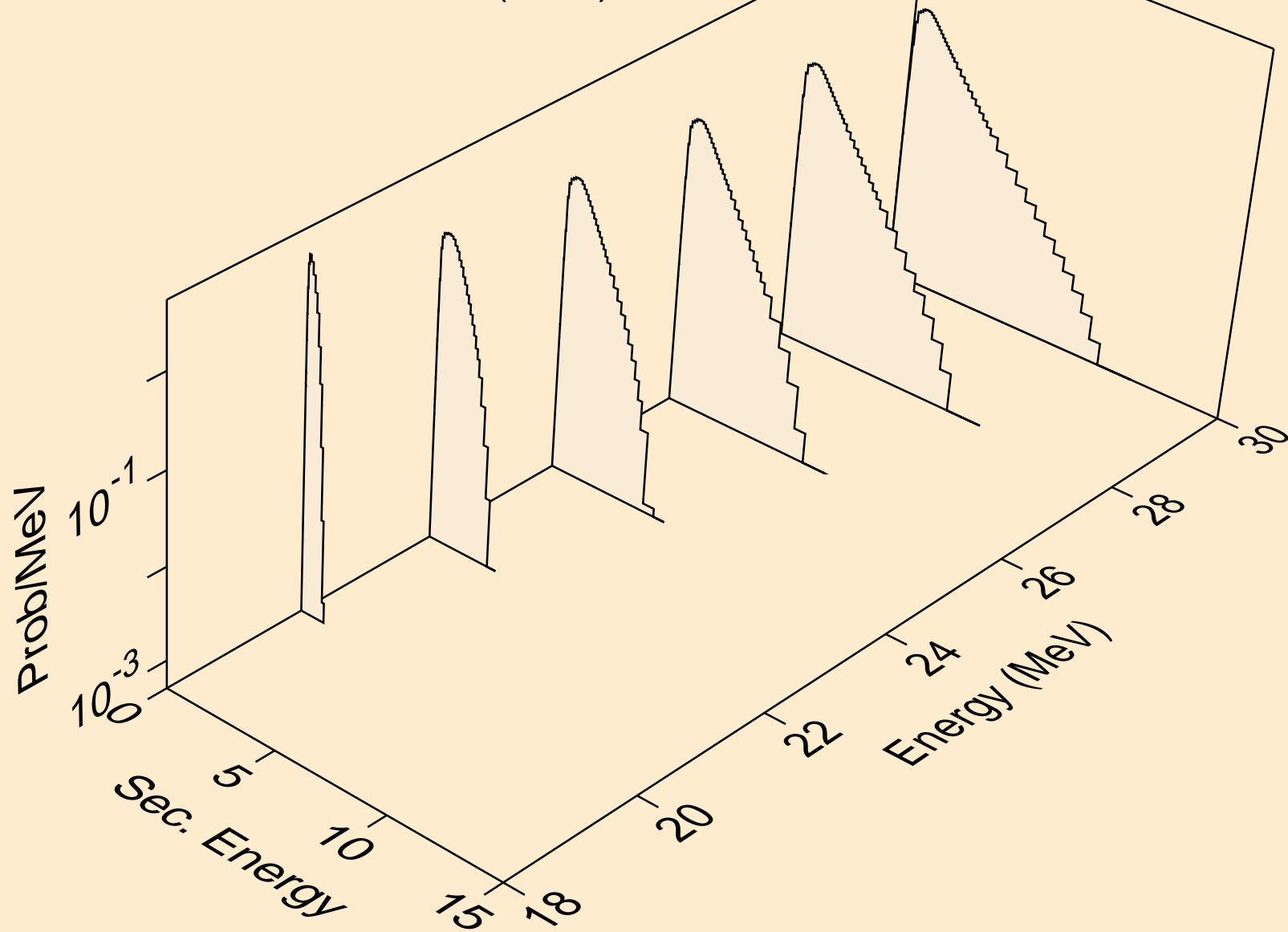




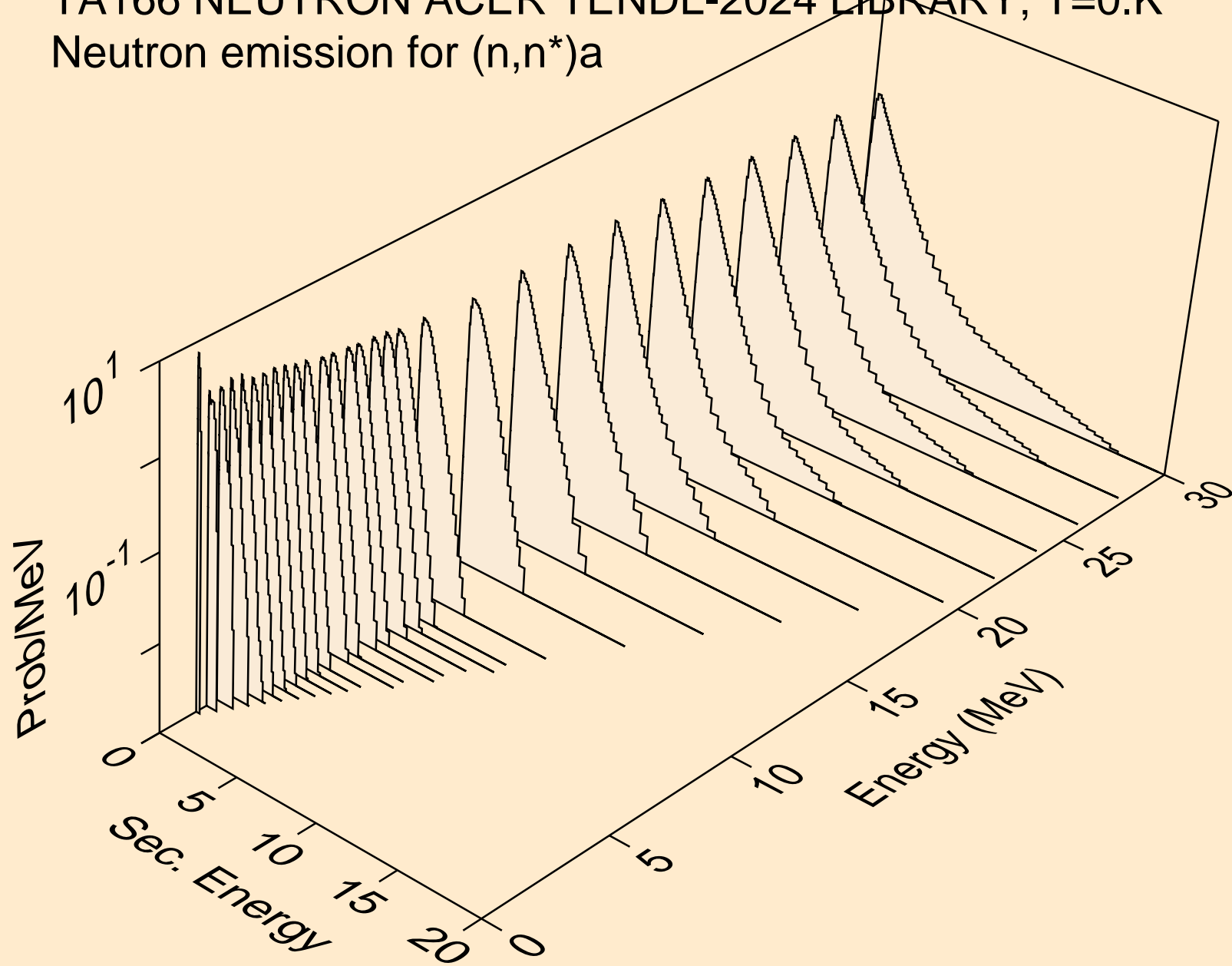
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Neutron emission for (n,2n)



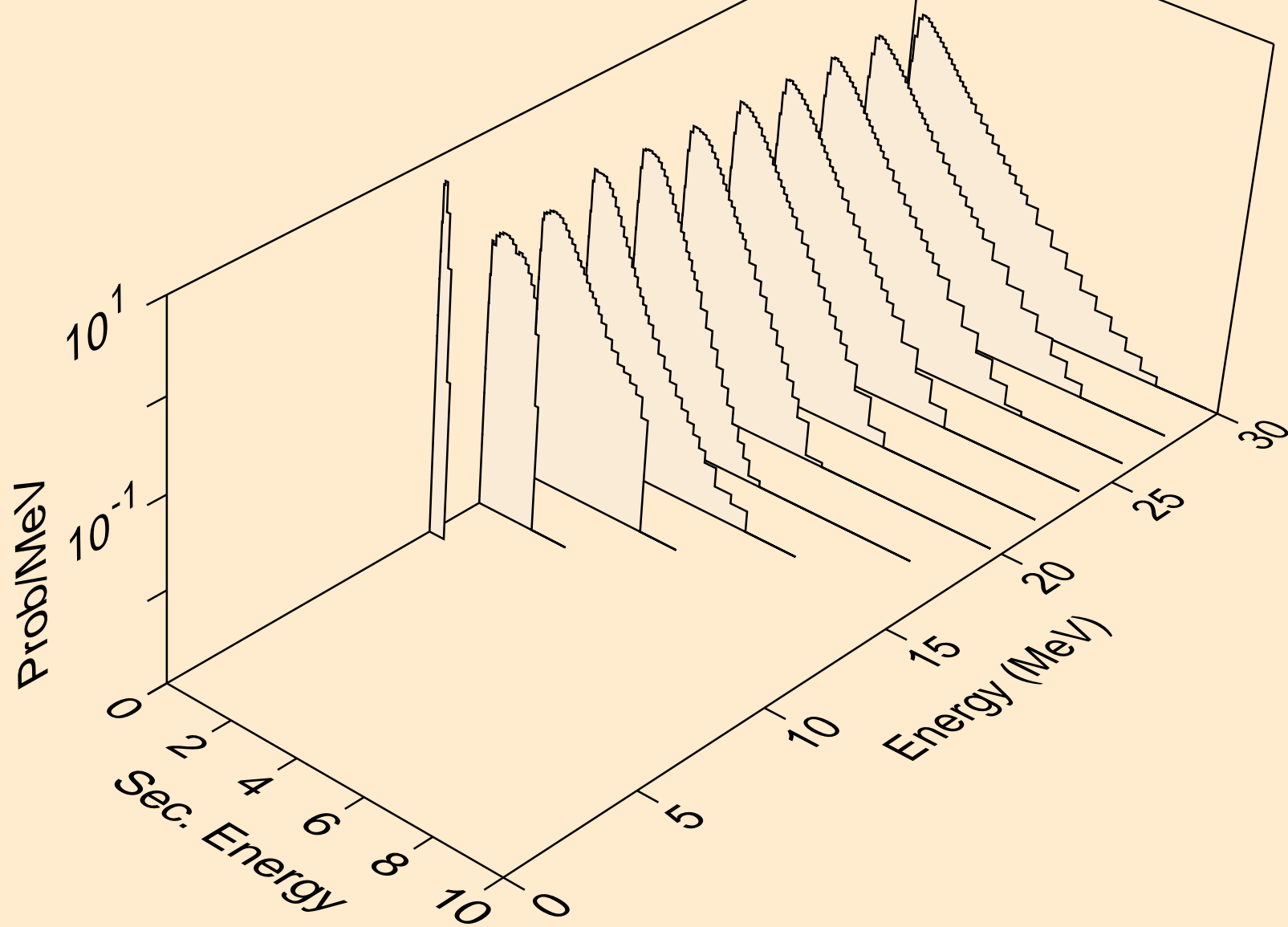
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Neutron emission for (n,3n)



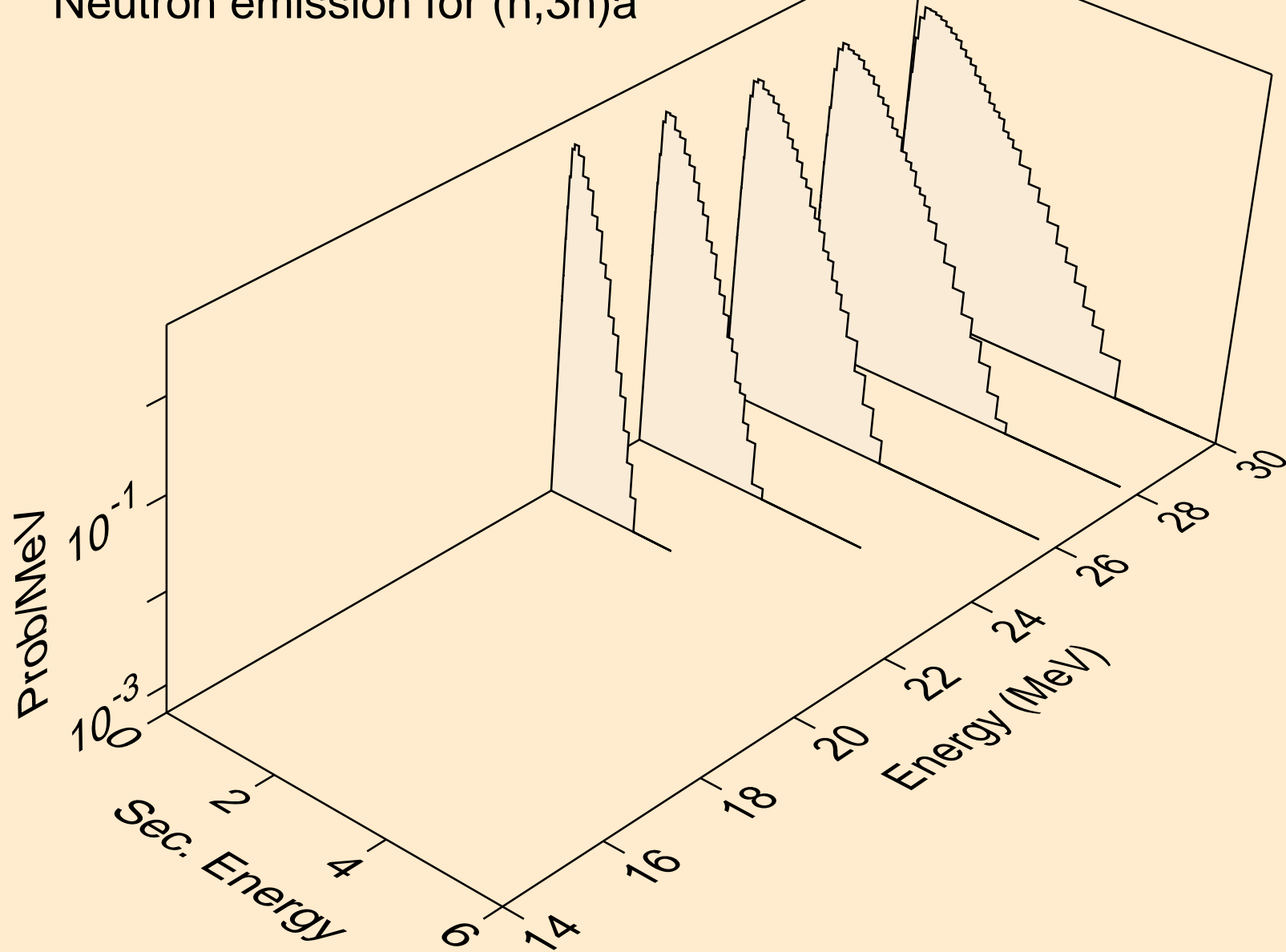
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



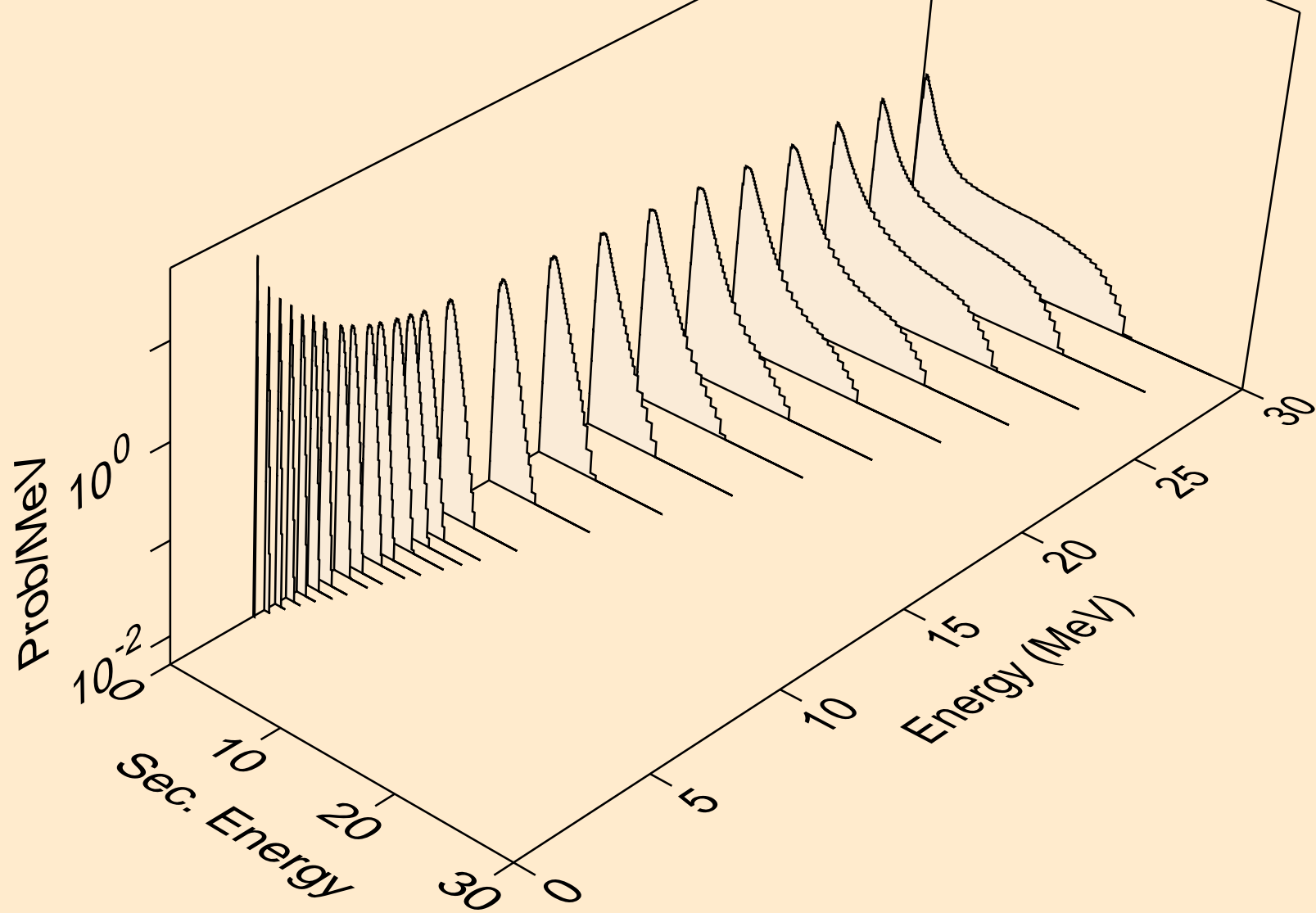
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Neutron emission for (n,2n)a



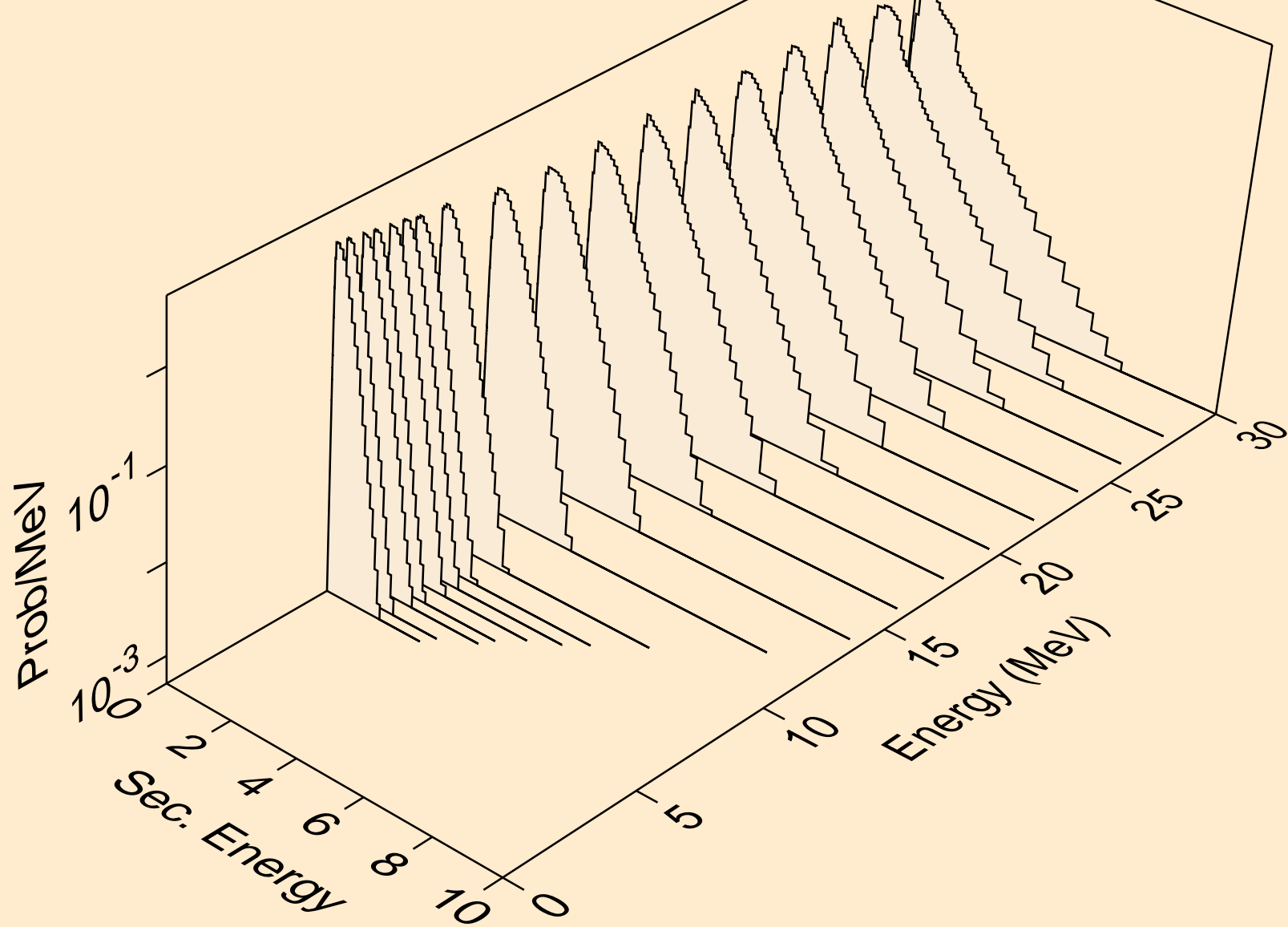
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Neutron emission for (n,3n)<sub>a</sub>



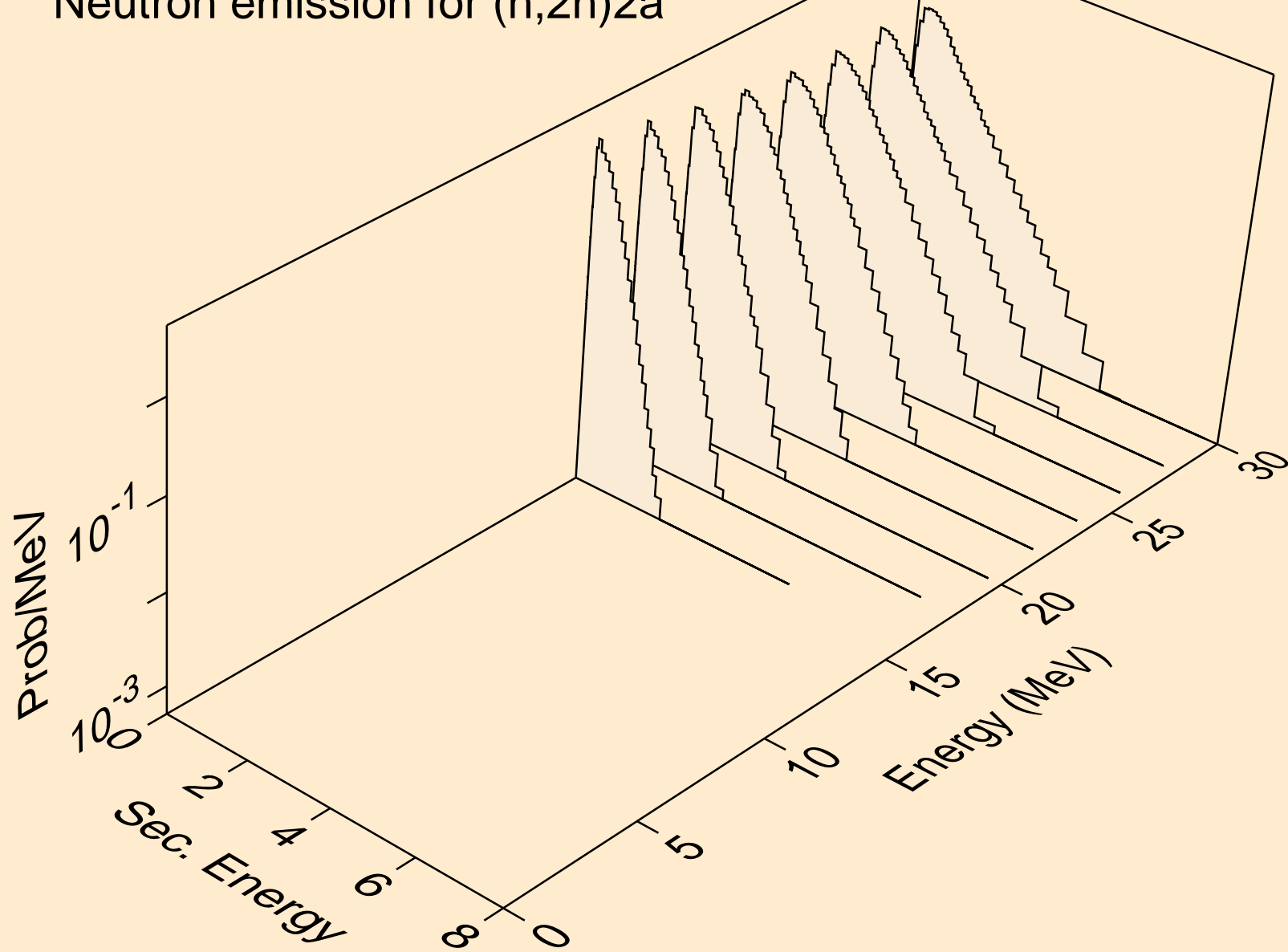
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

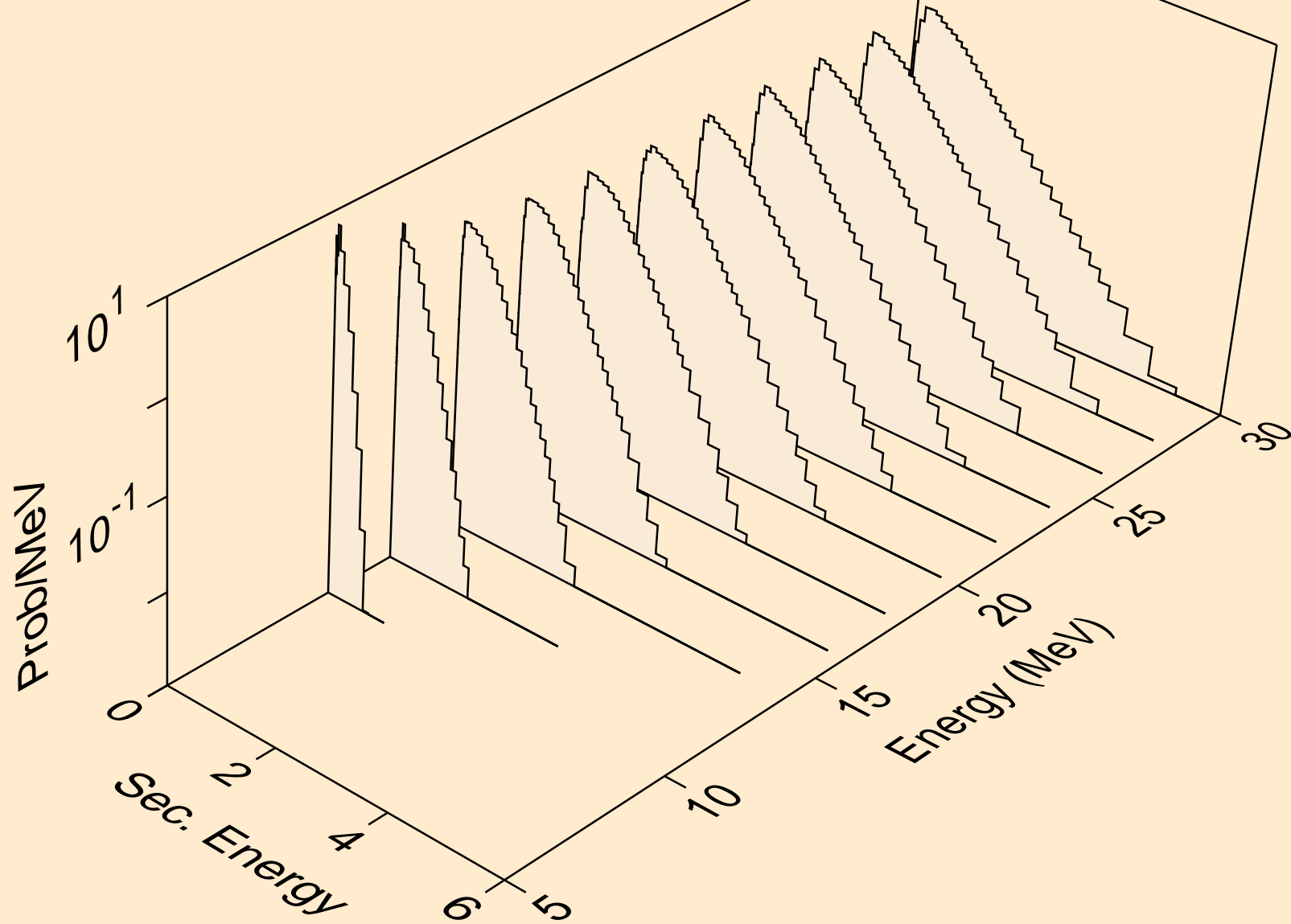


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

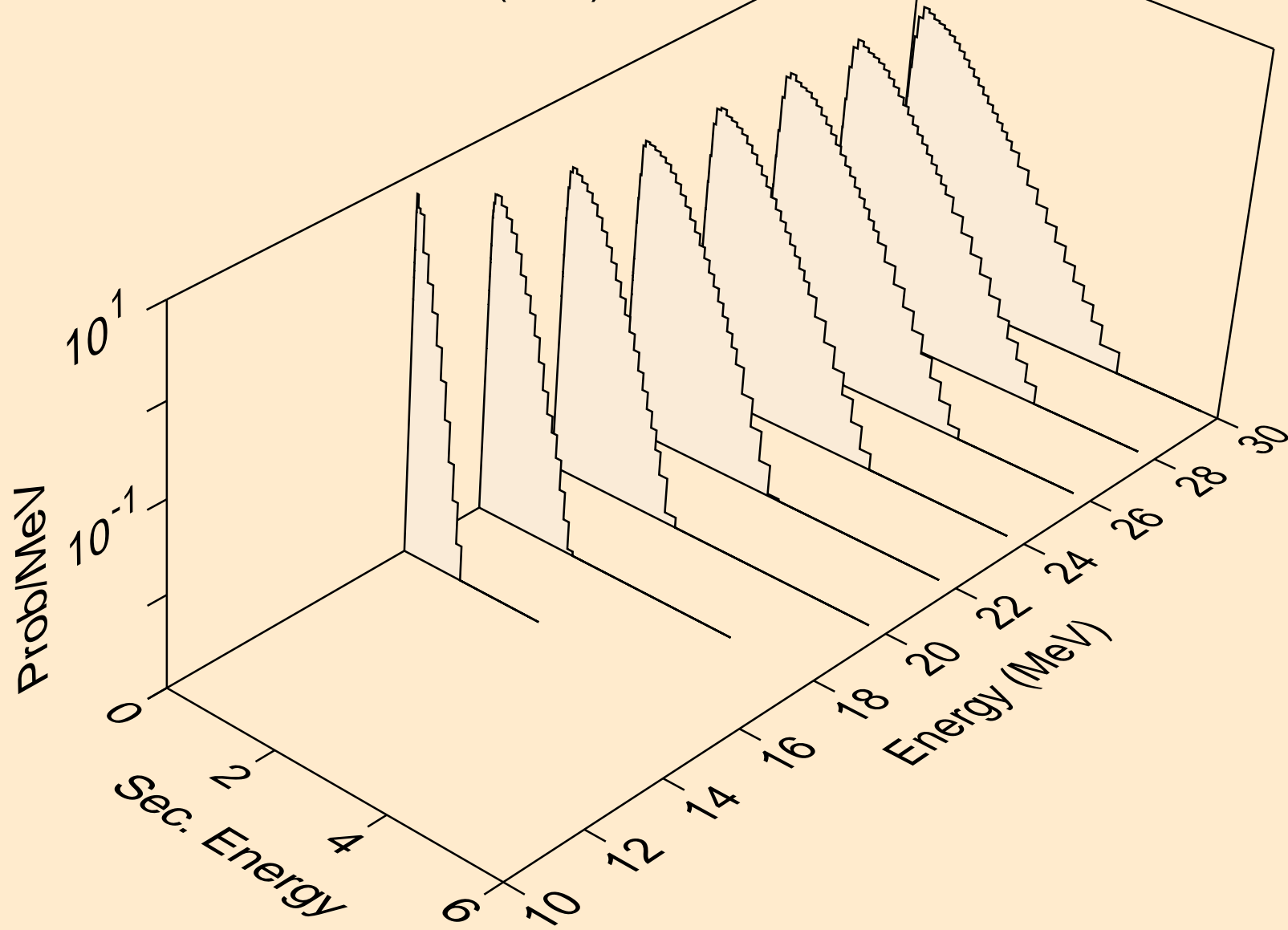




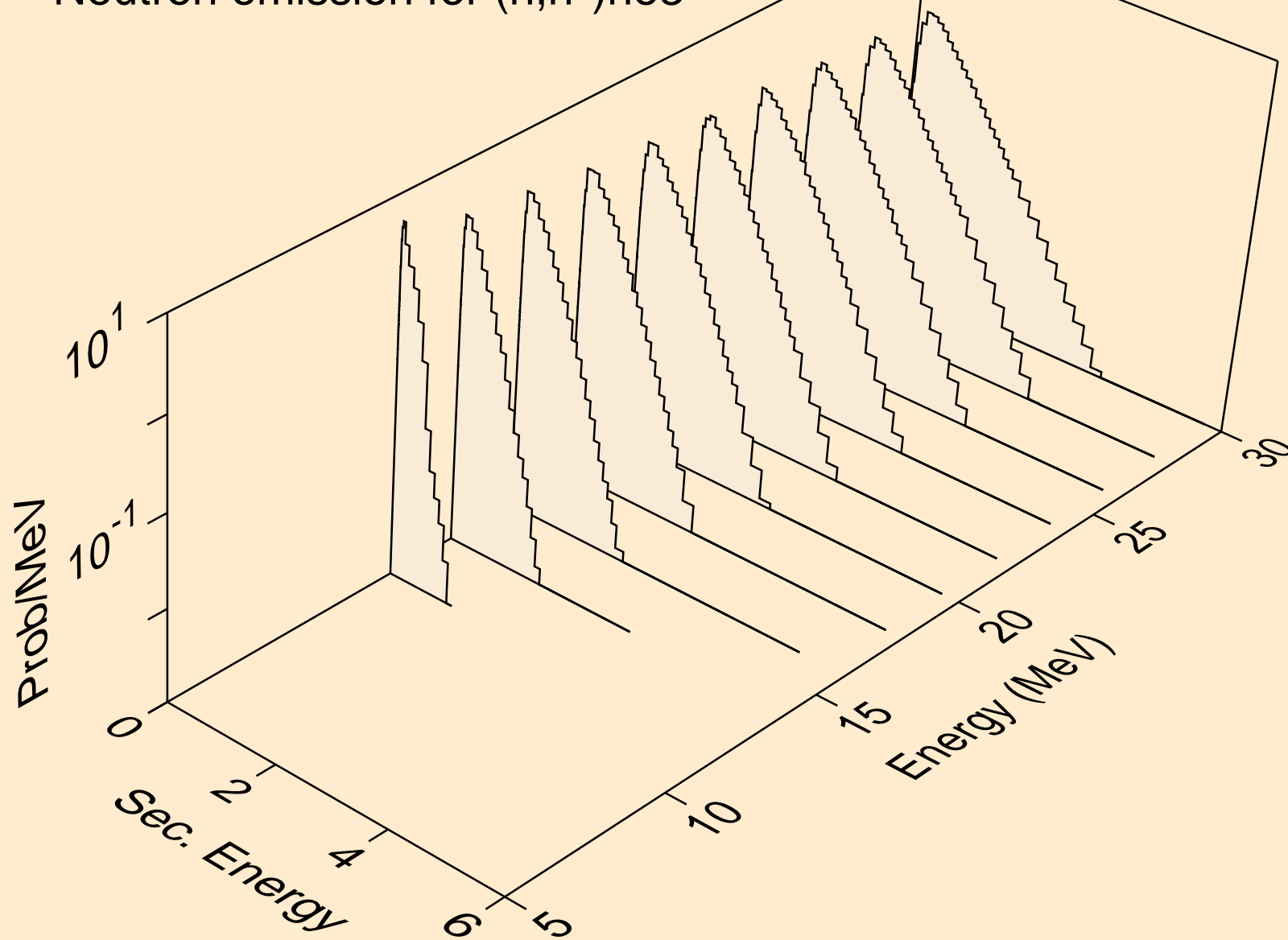
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Neutron emission for (n,n\*)d



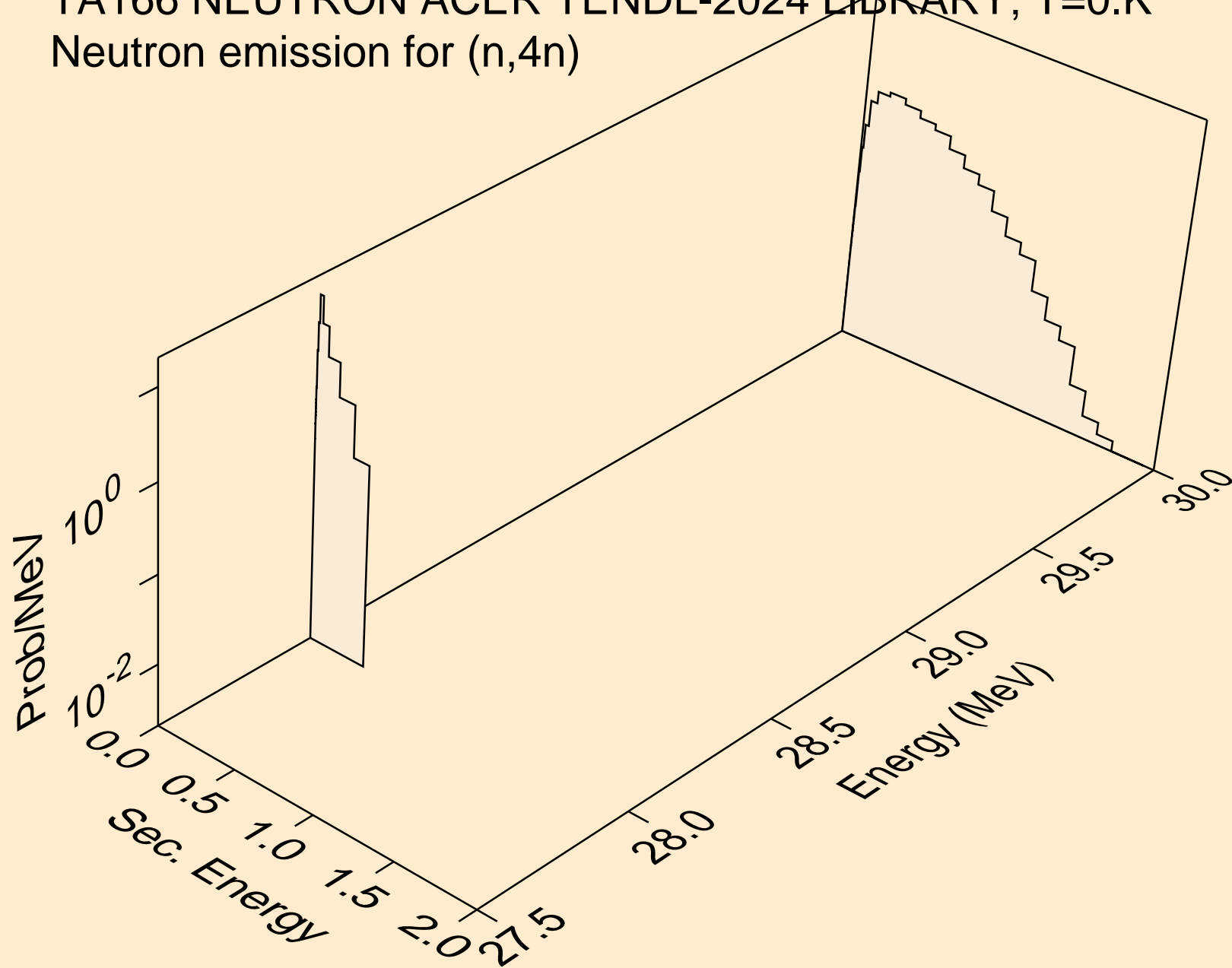
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Neutron emission for (n,n\*)t



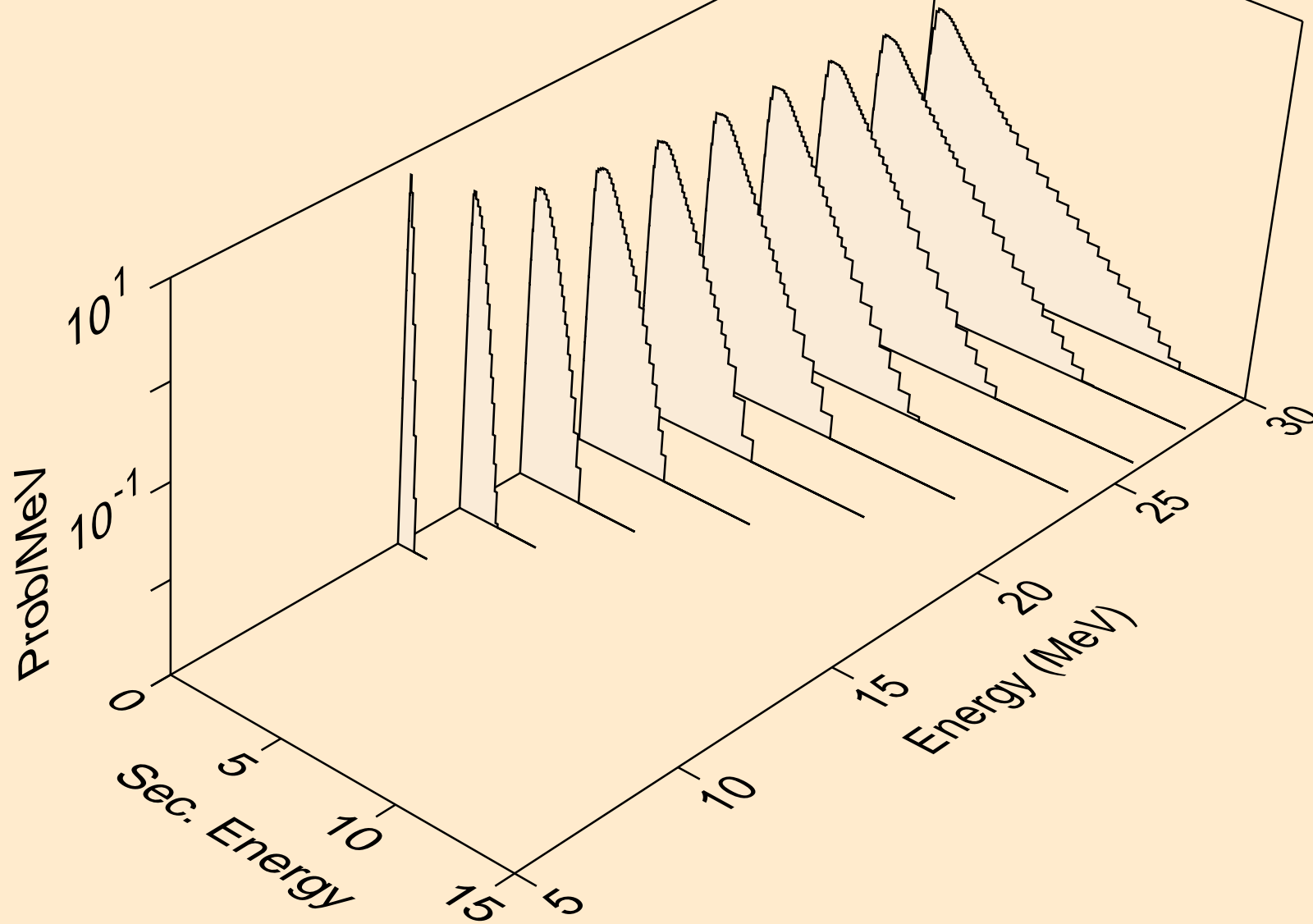
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Neutron emission for (n,n\*)he3



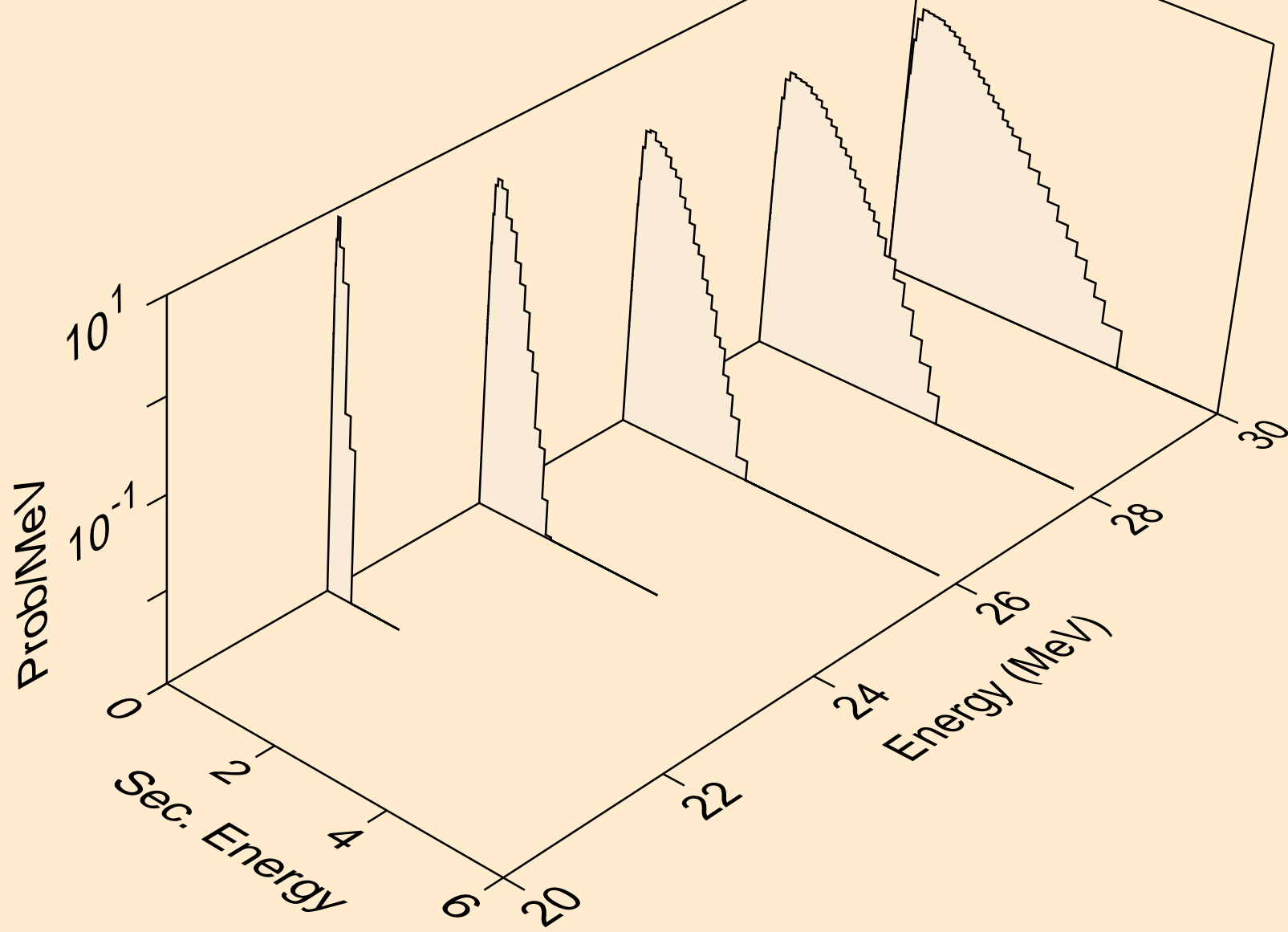
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



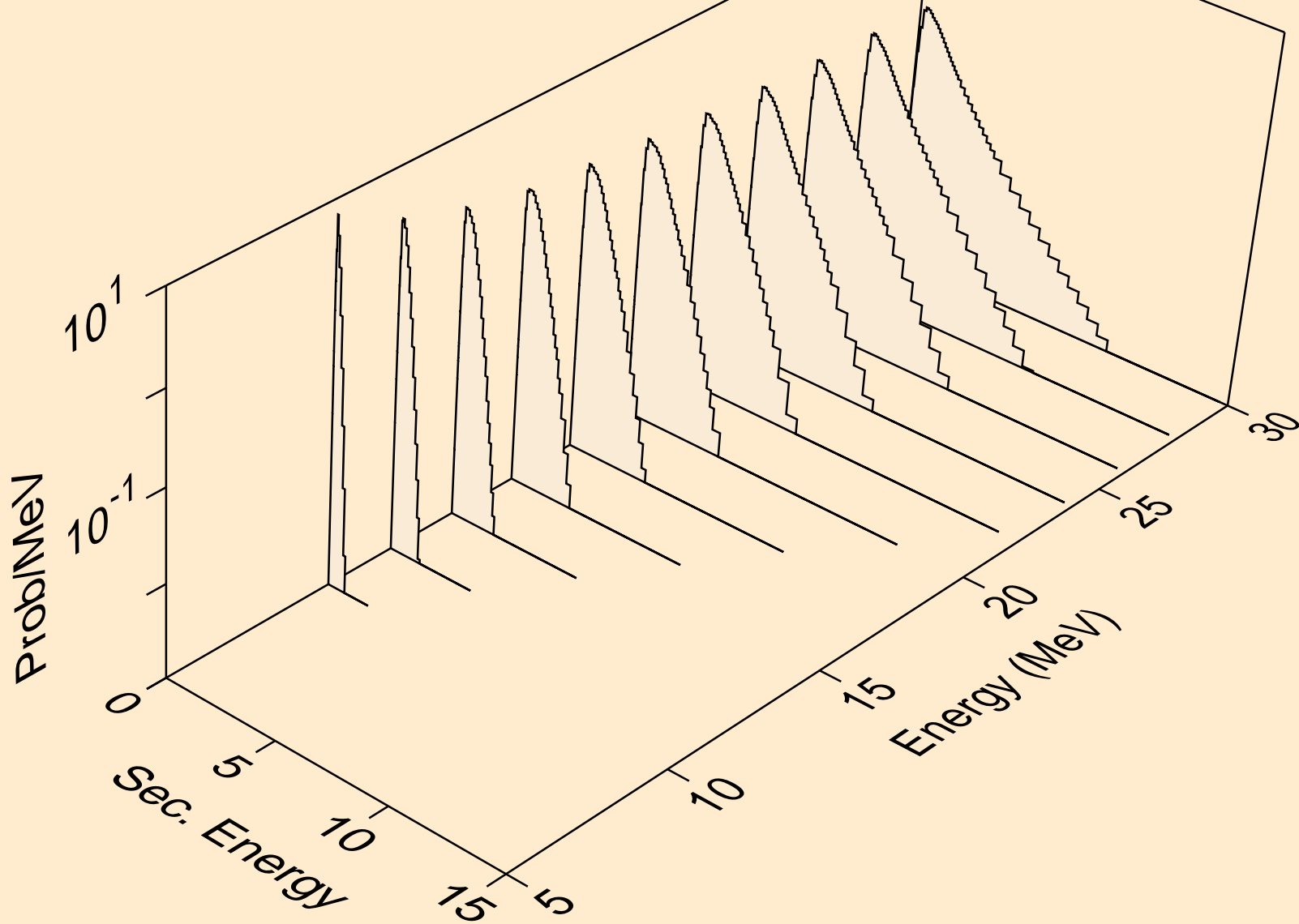
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



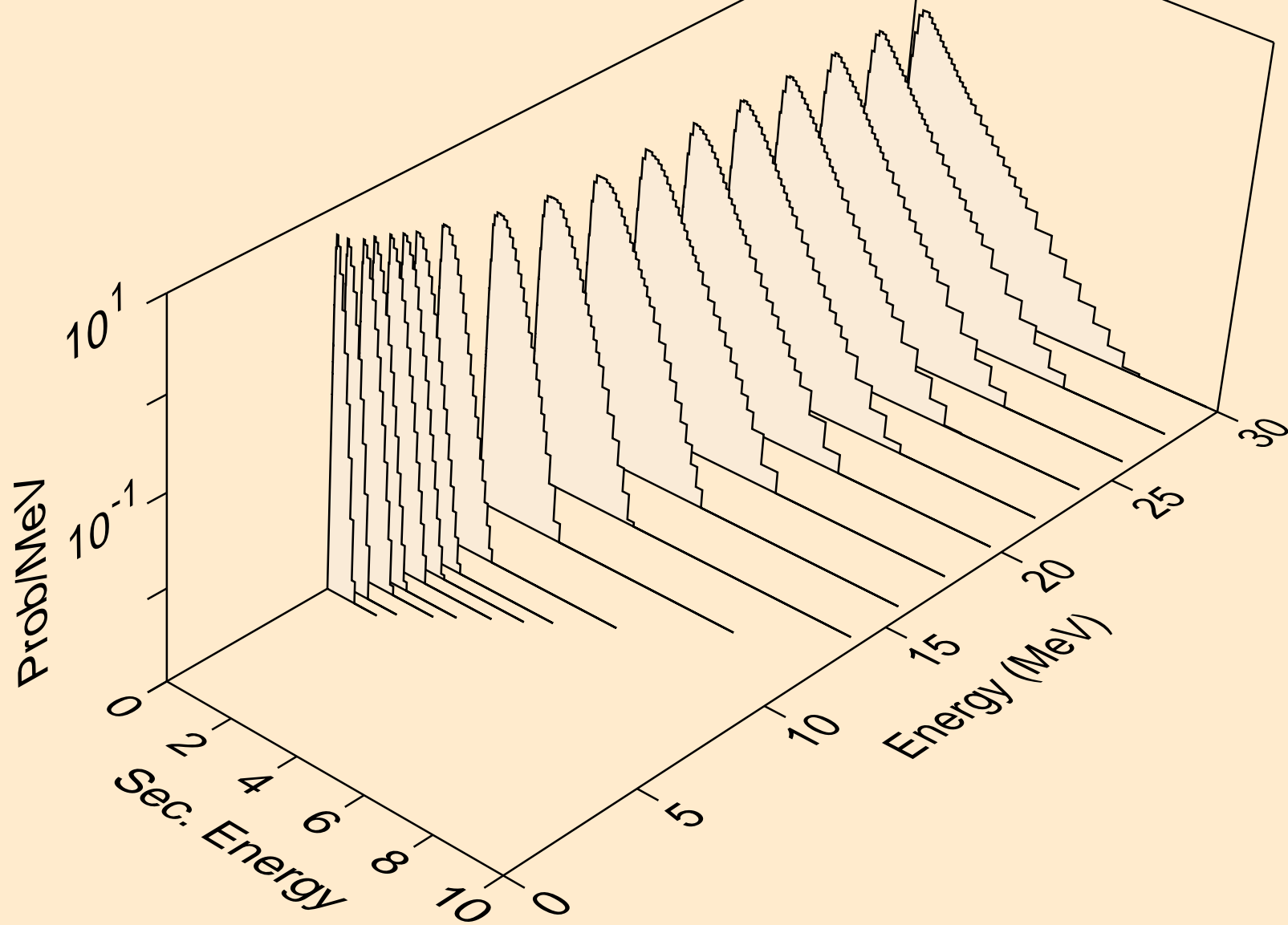
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

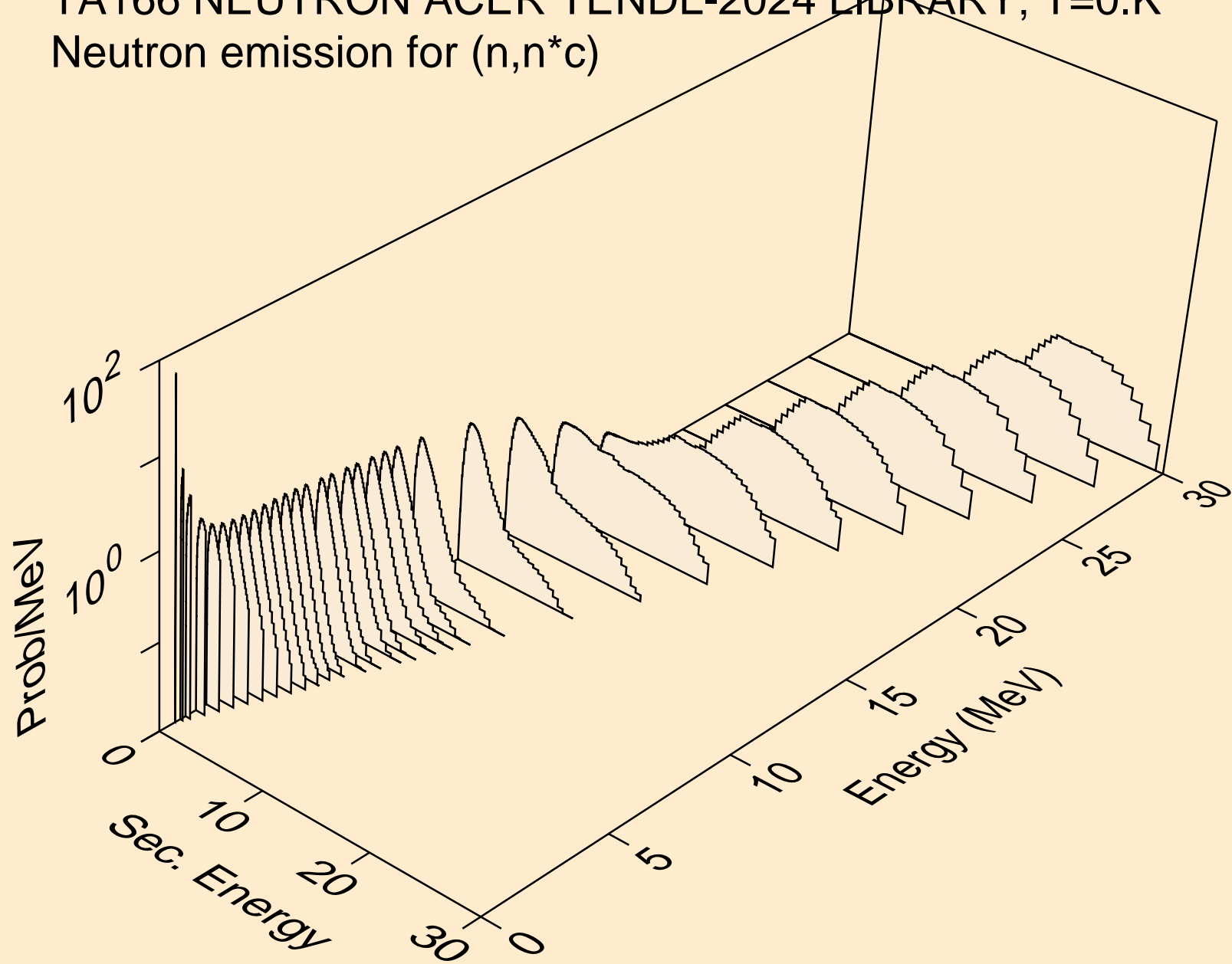


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

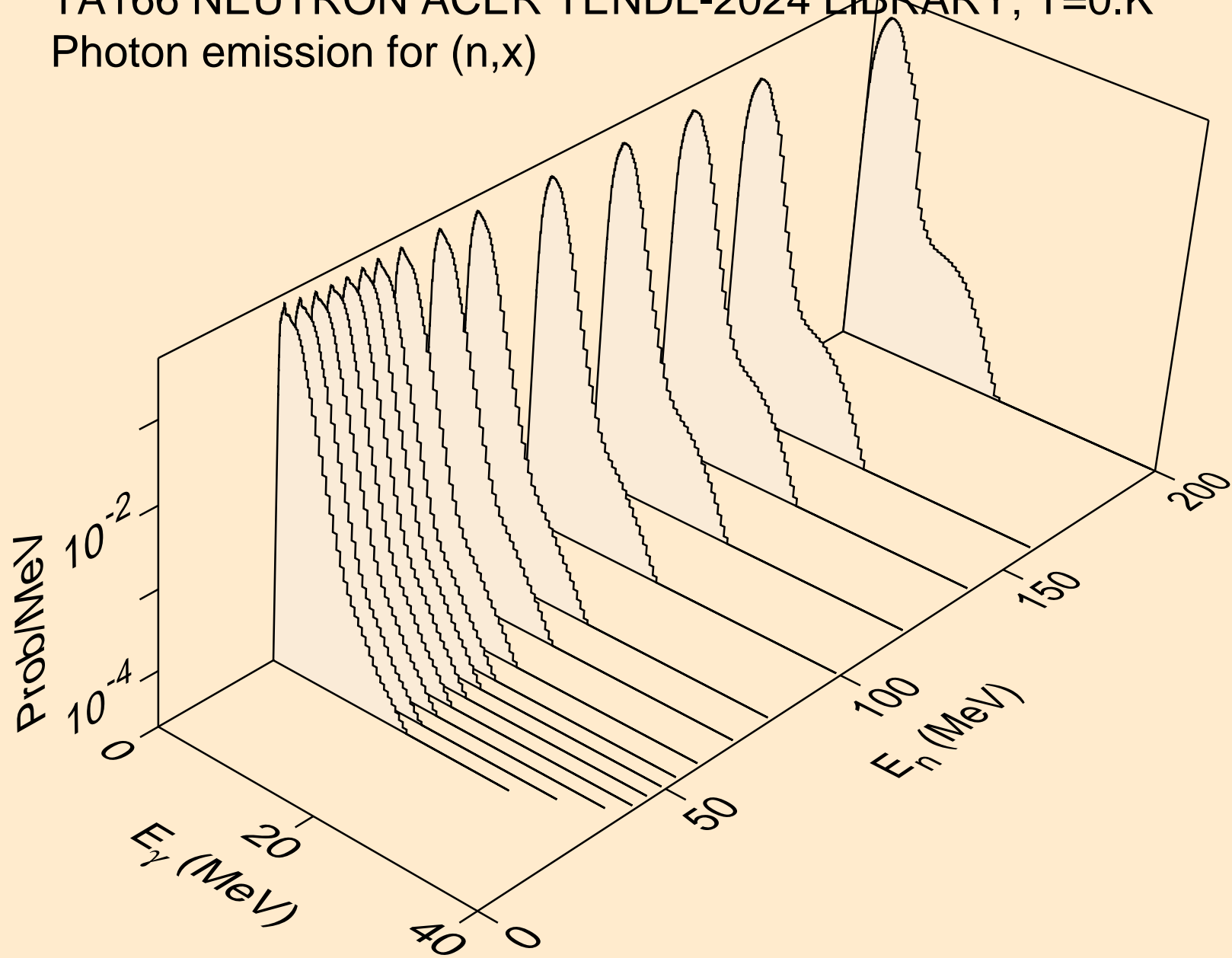




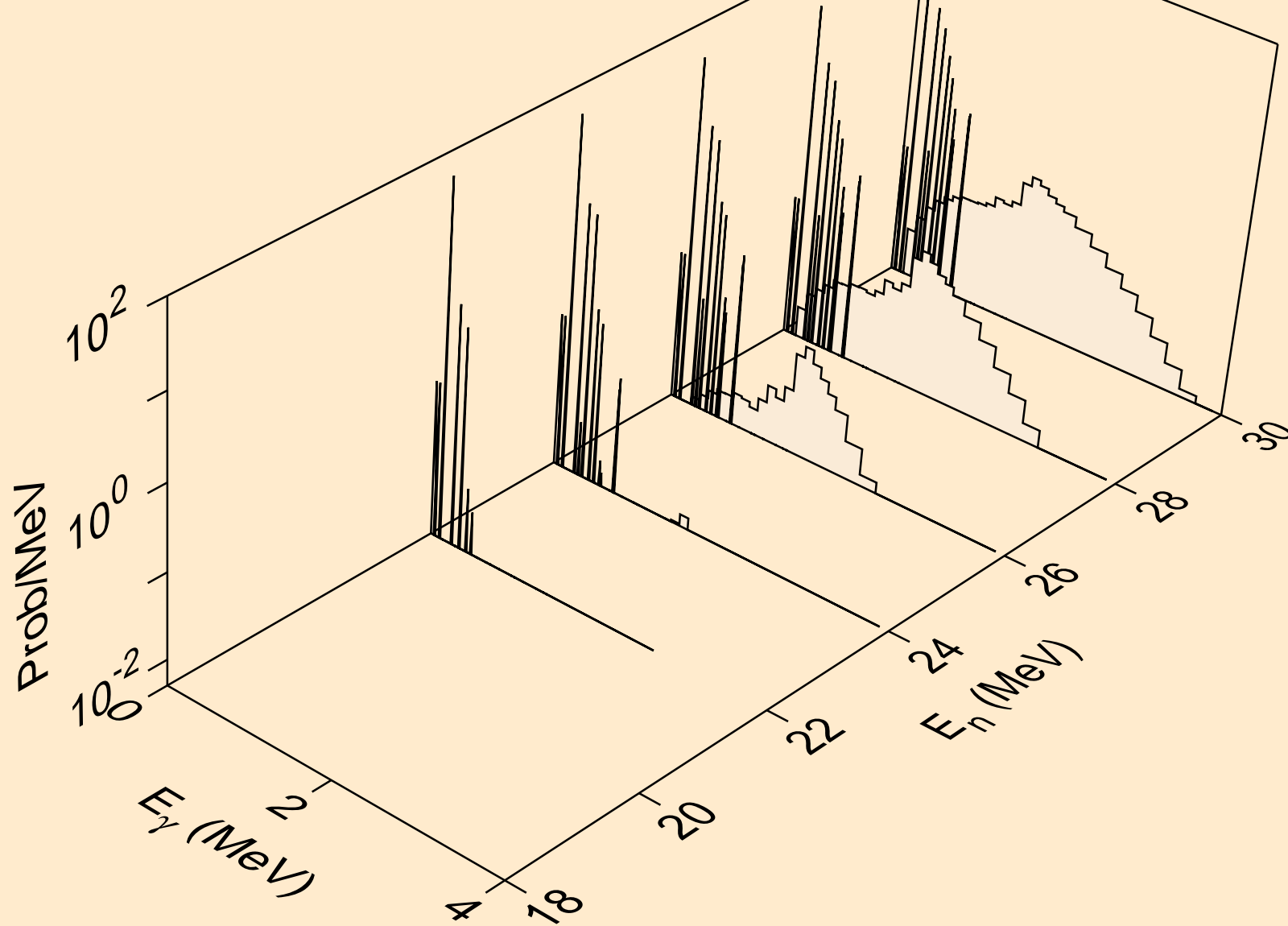
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



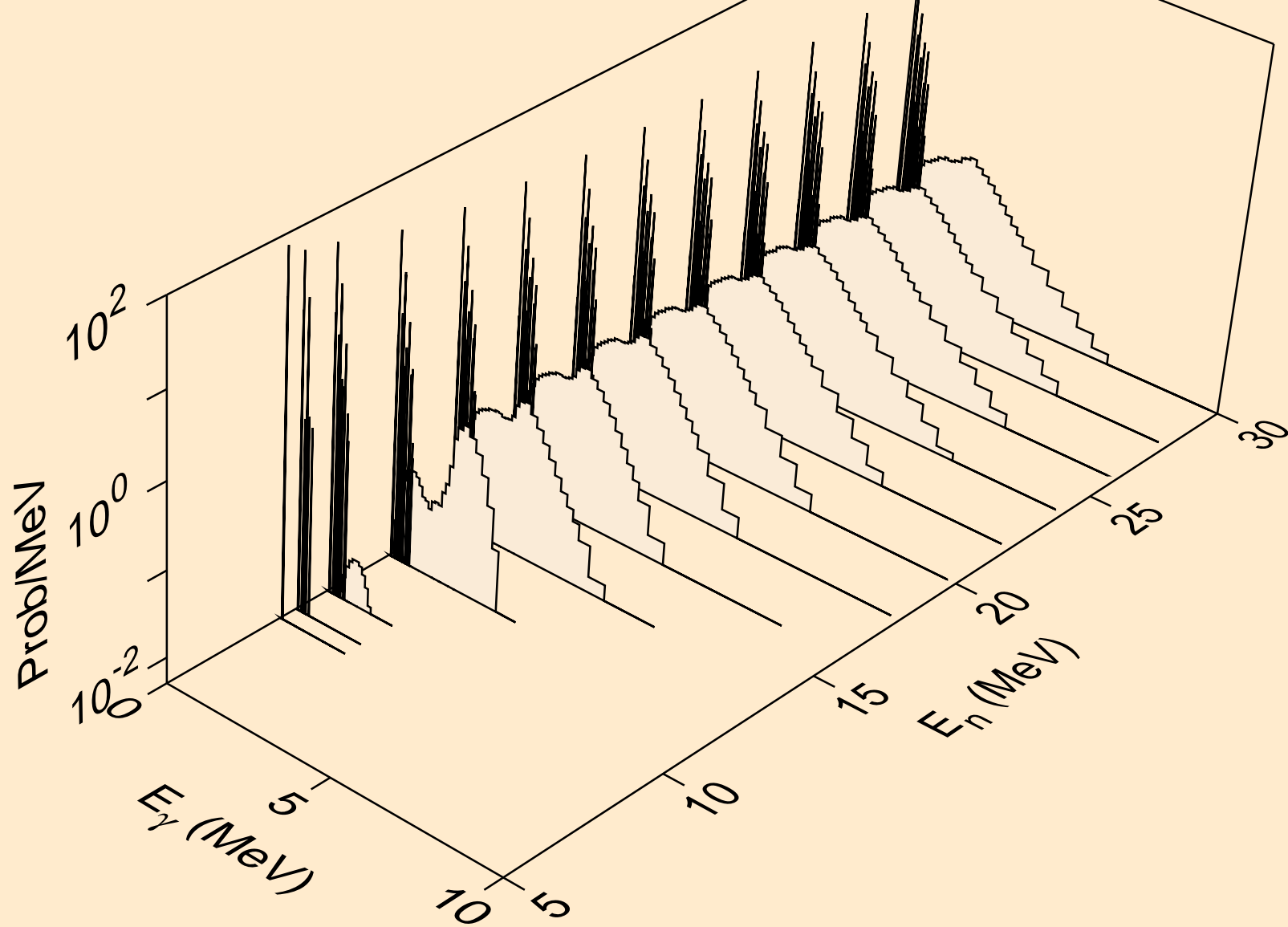
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



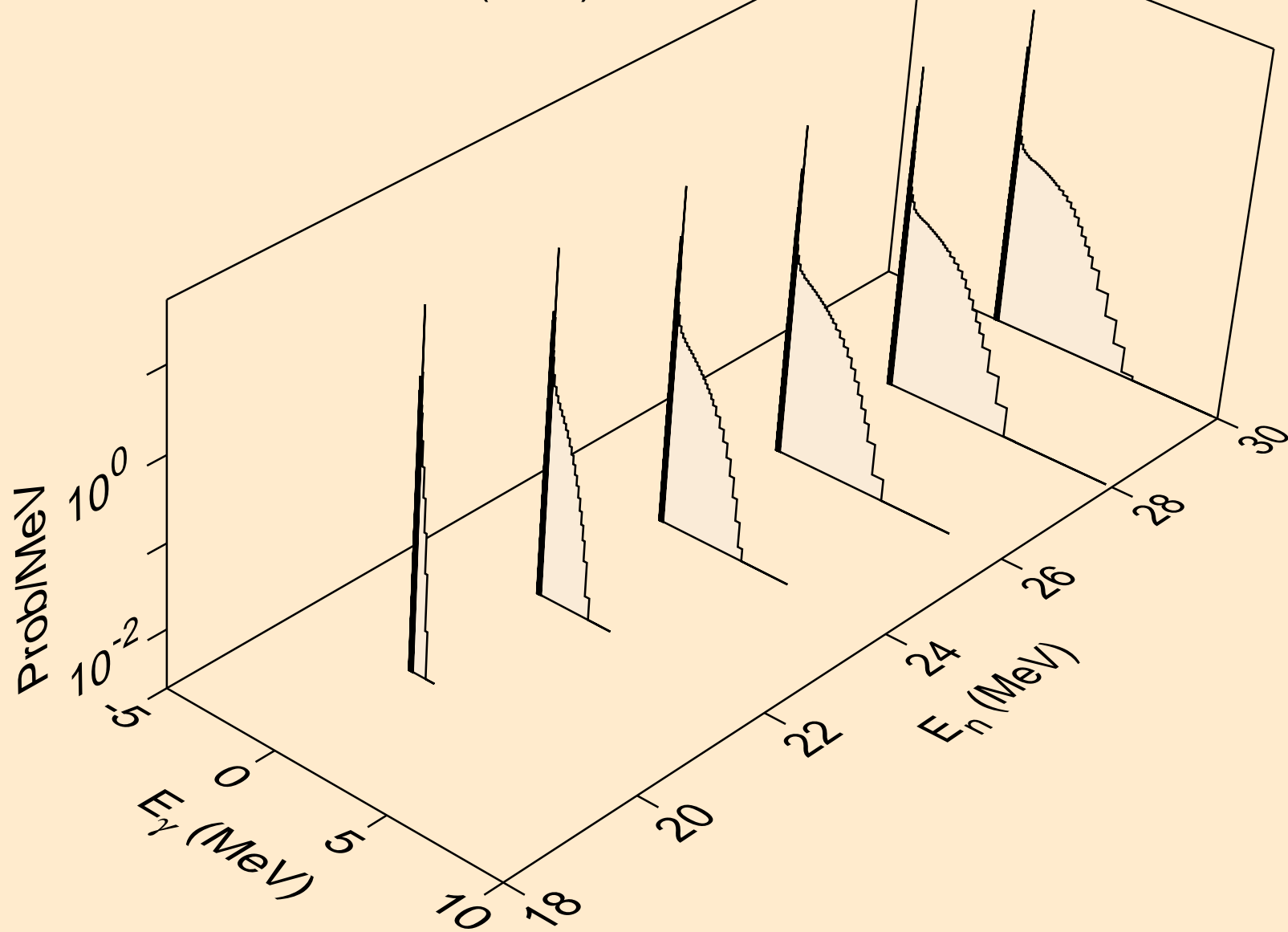
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



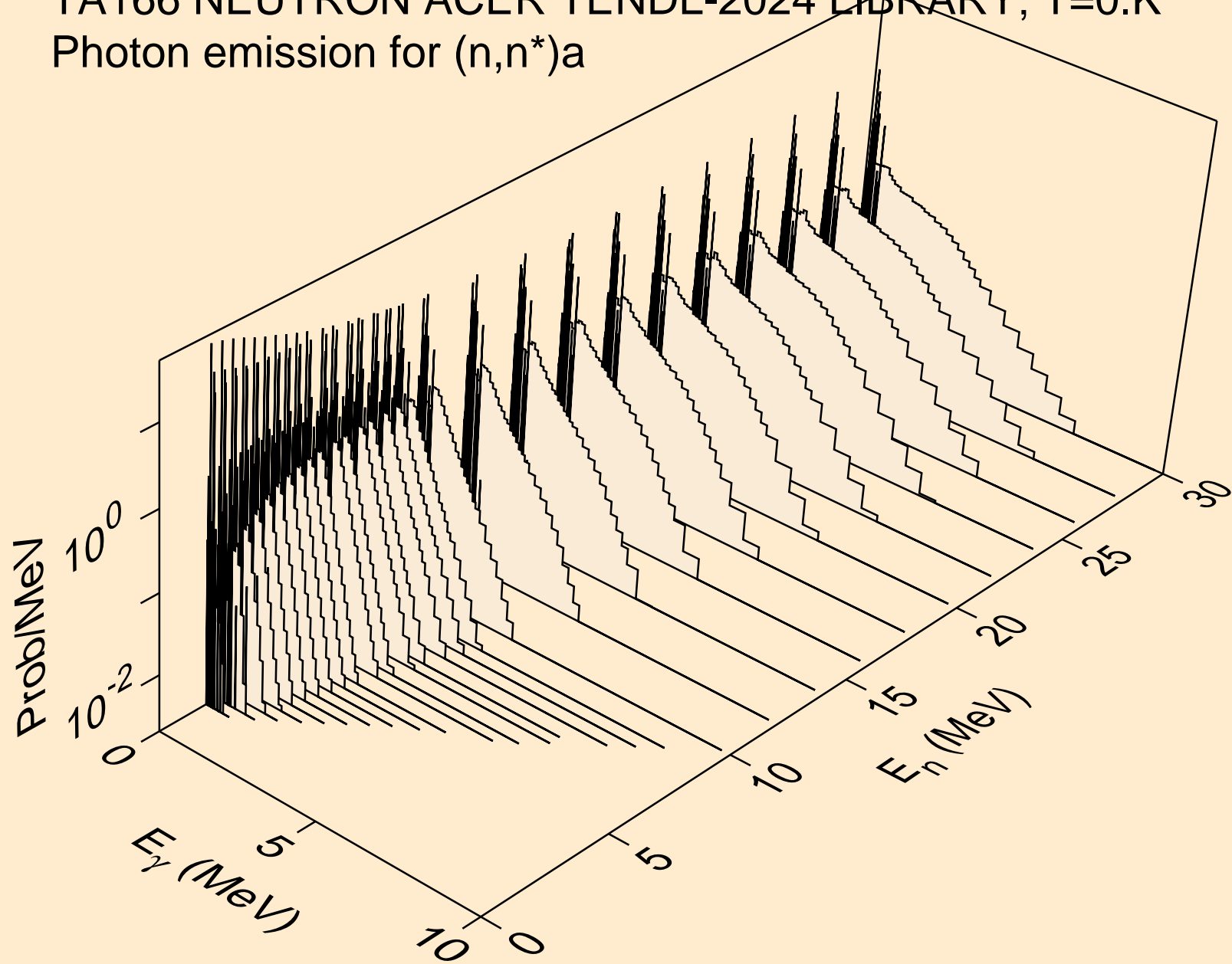
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



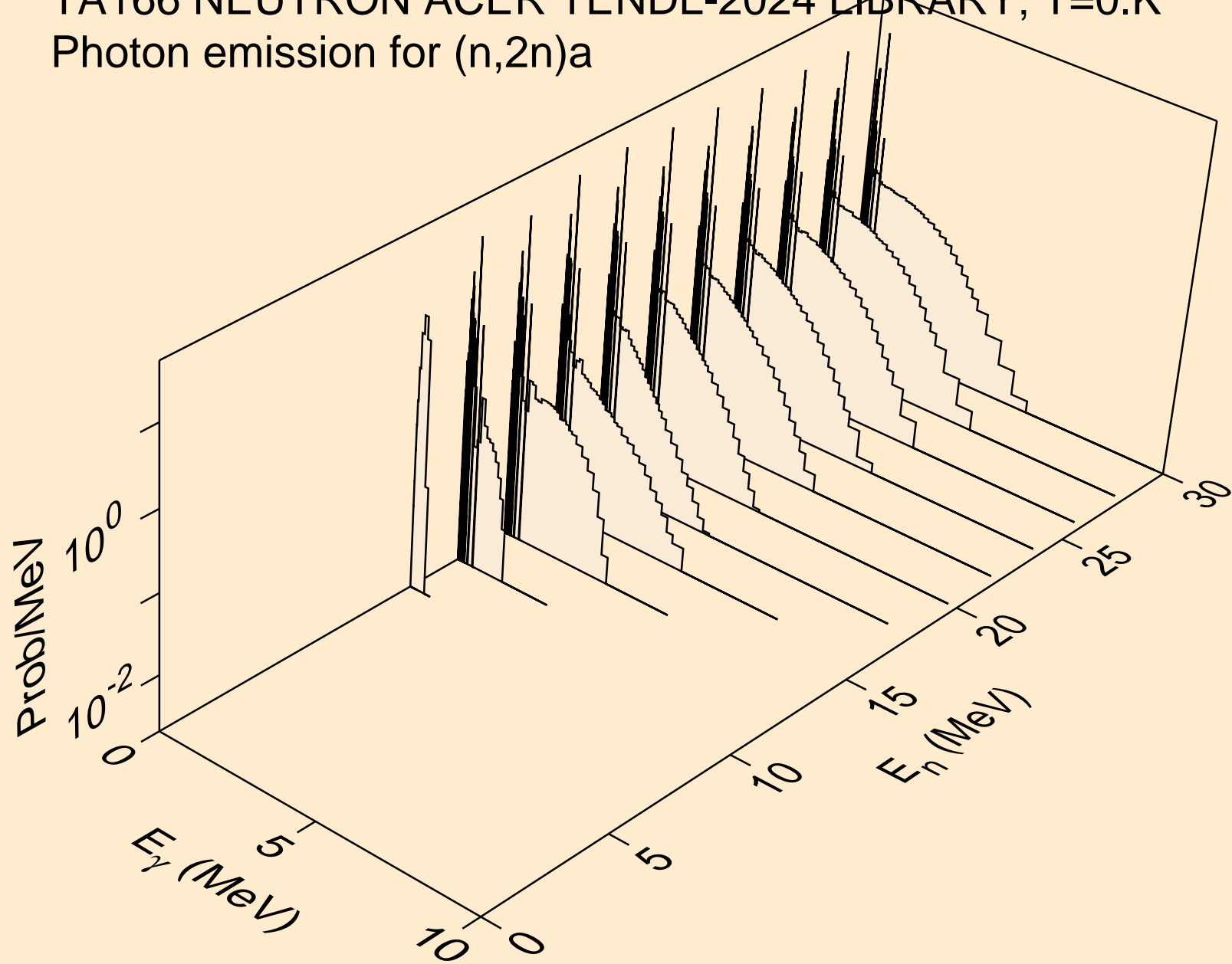
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



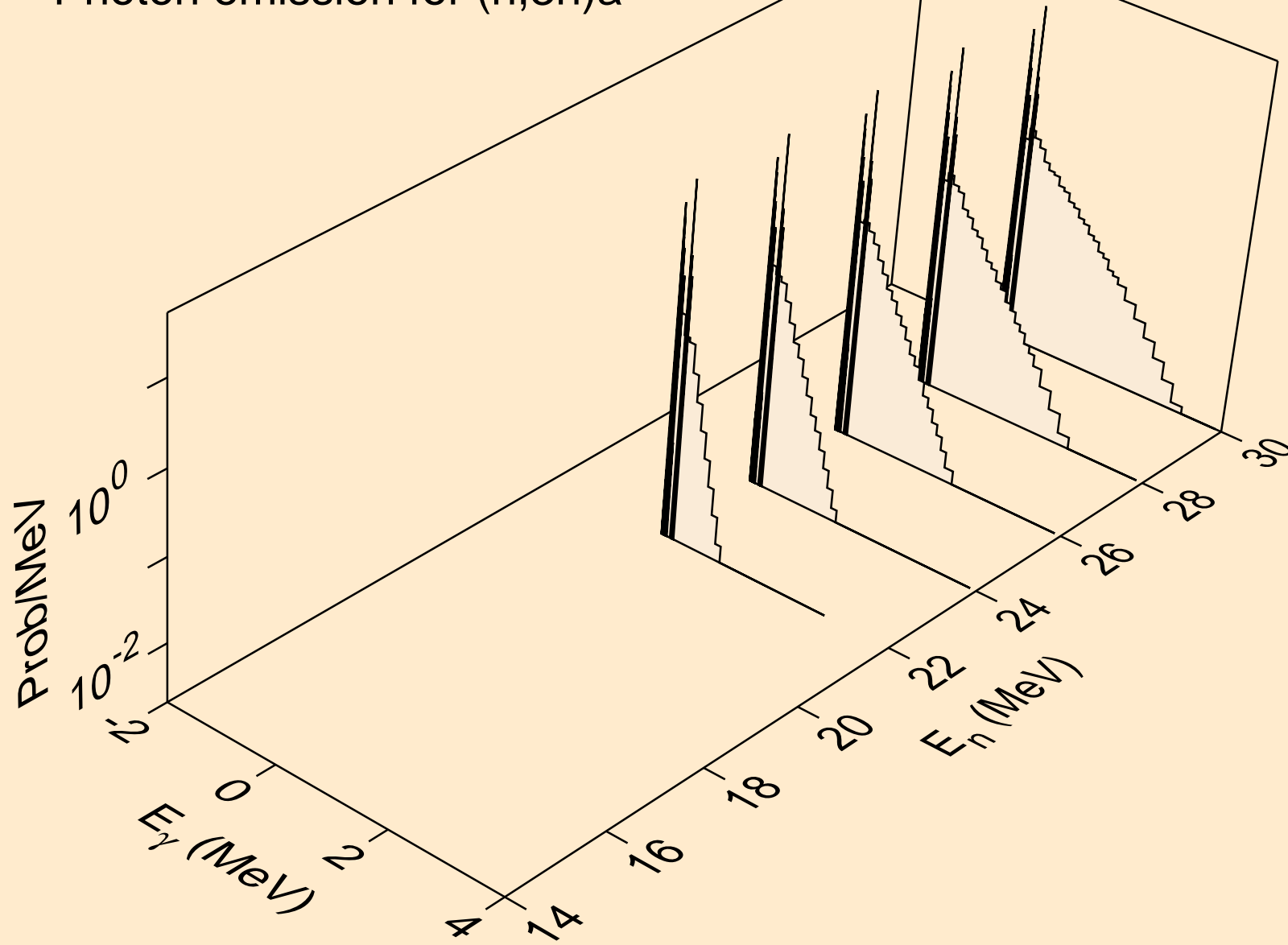
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

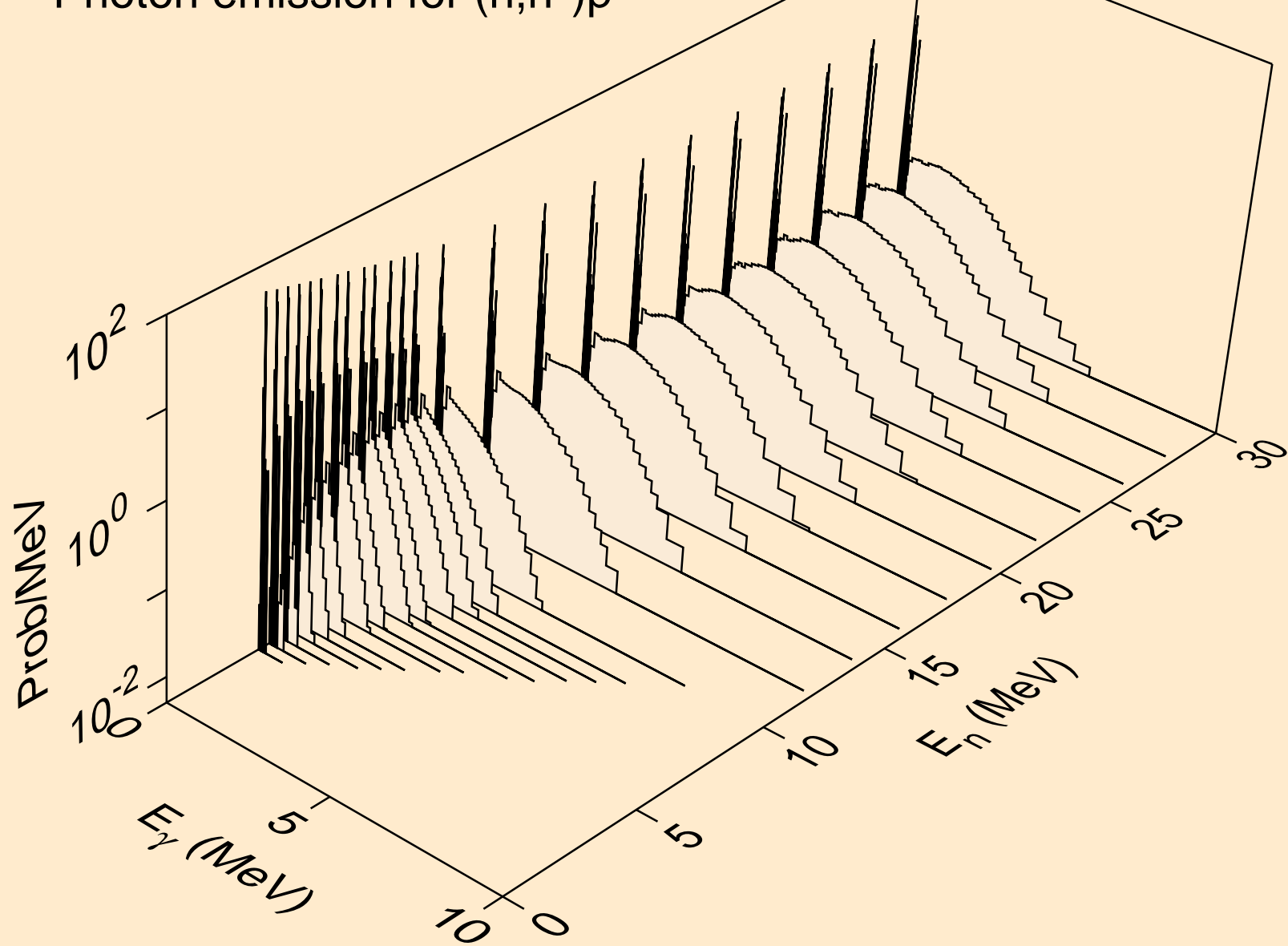


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

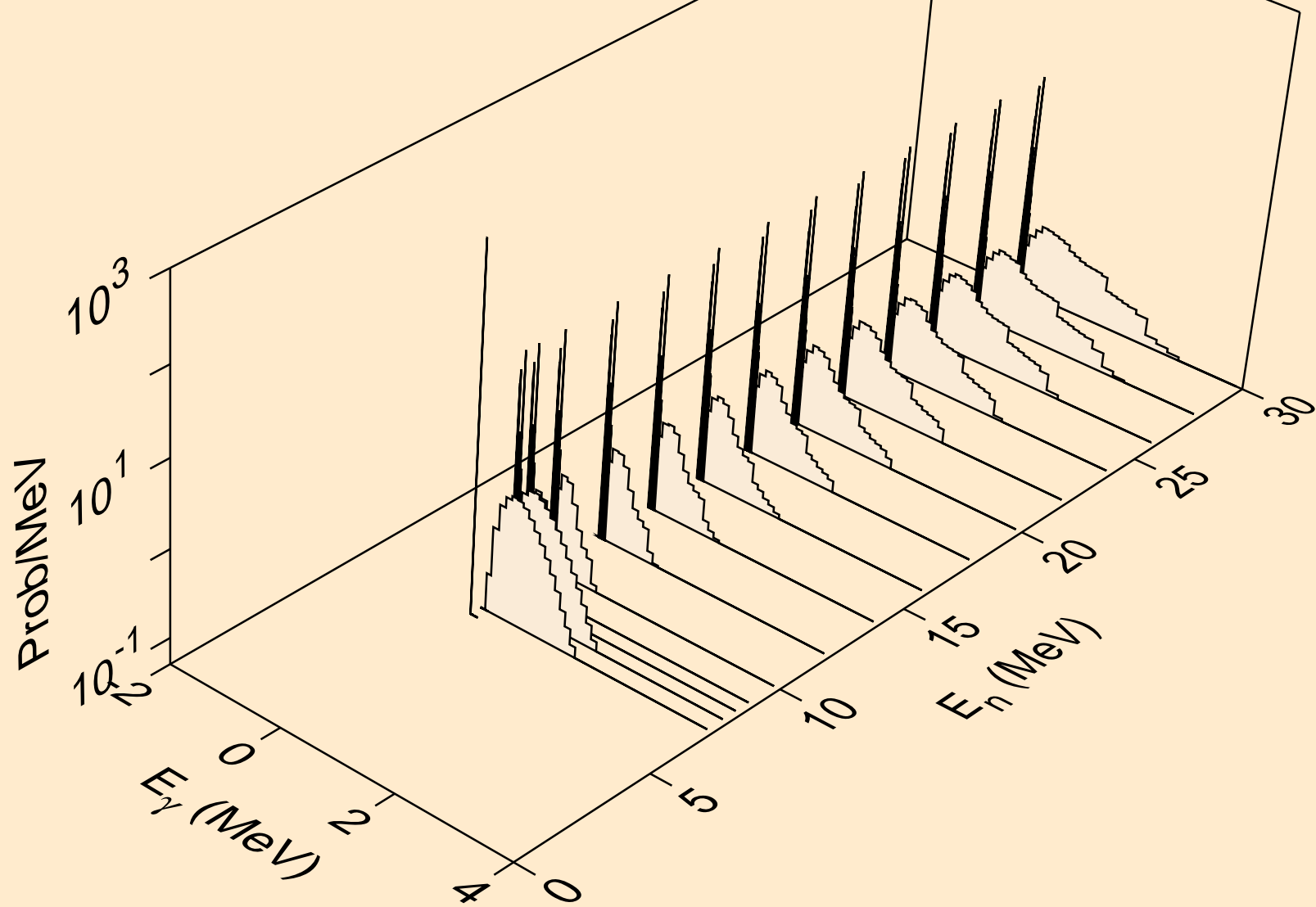




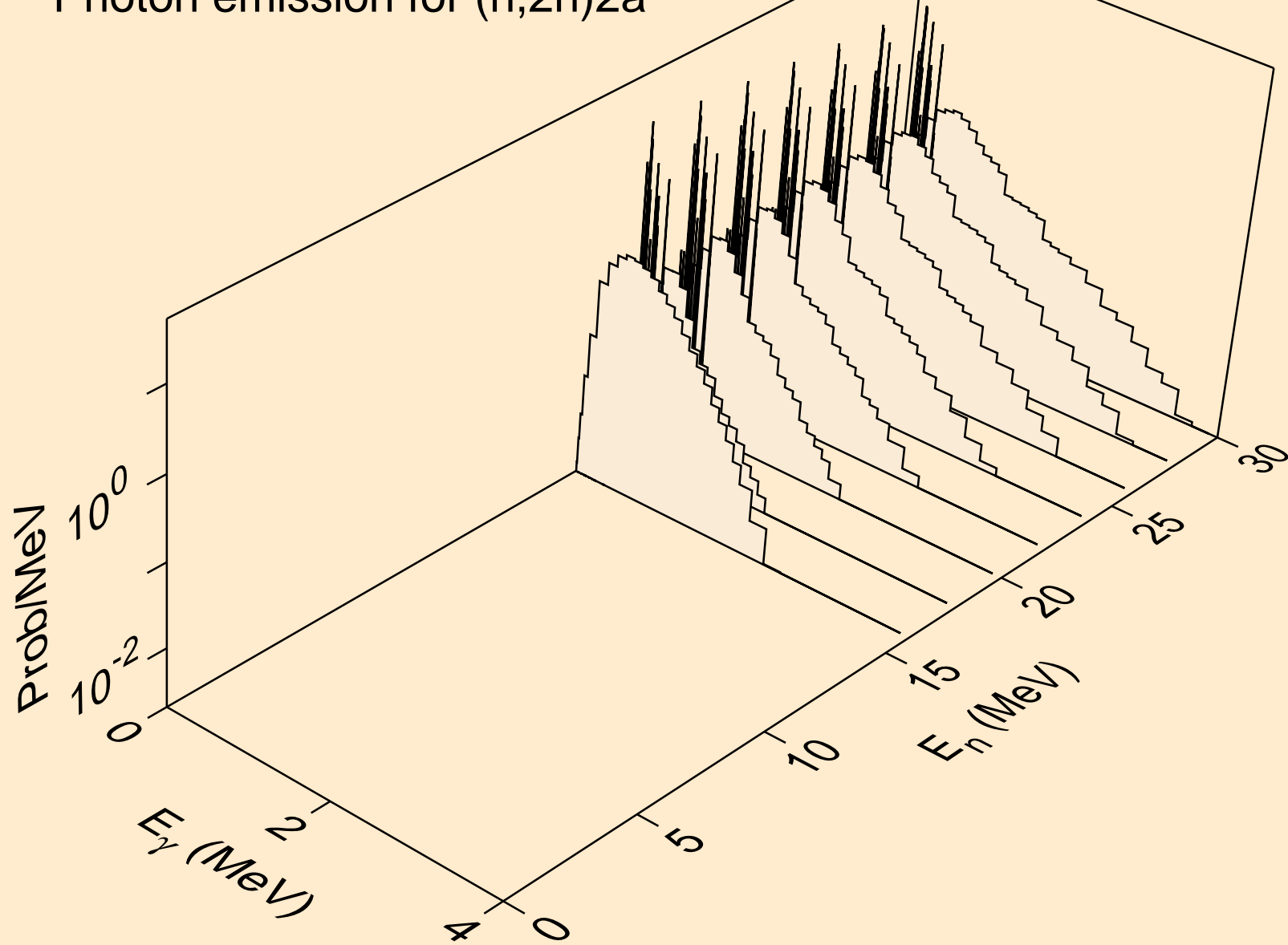
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



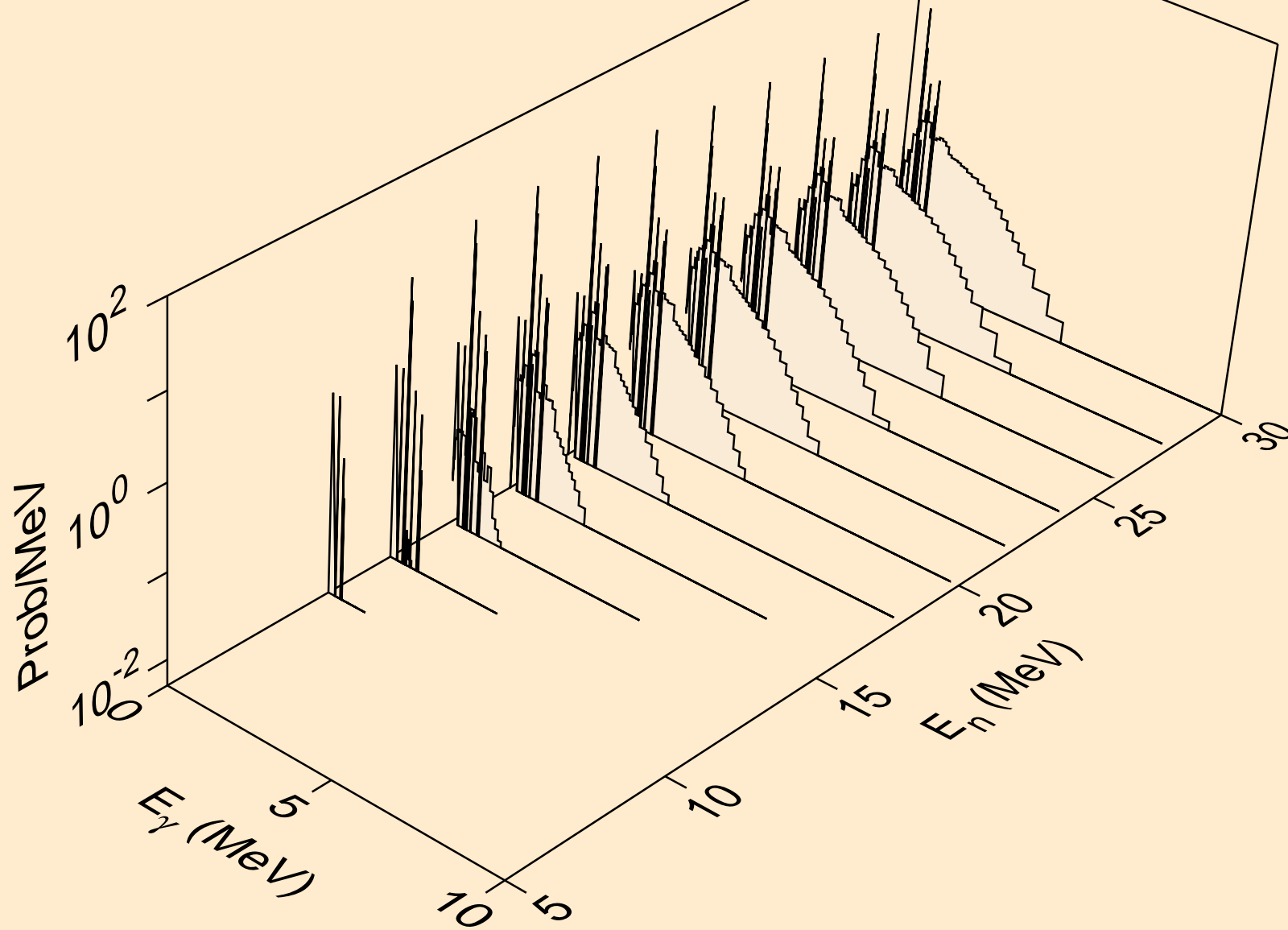
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



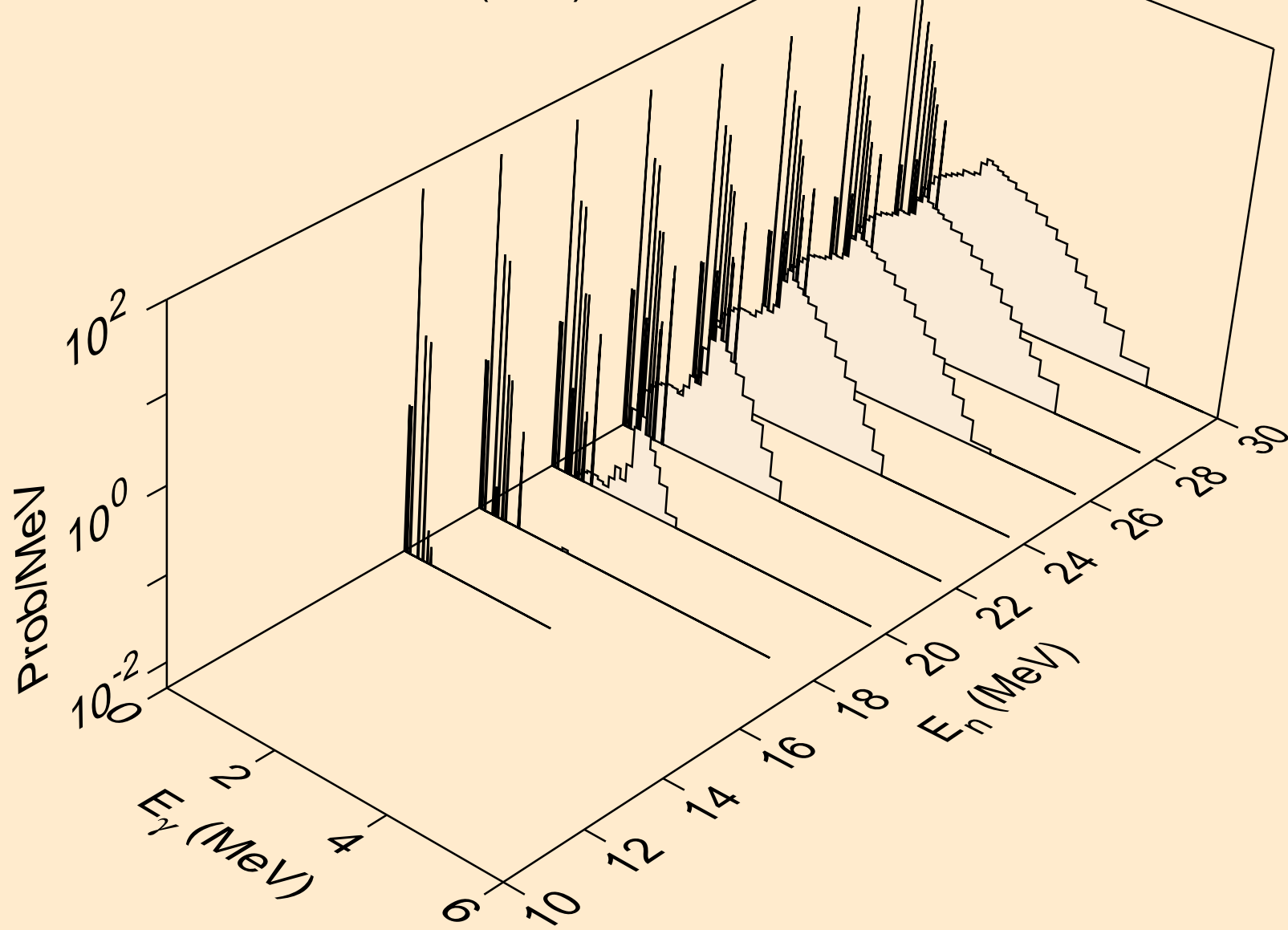
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



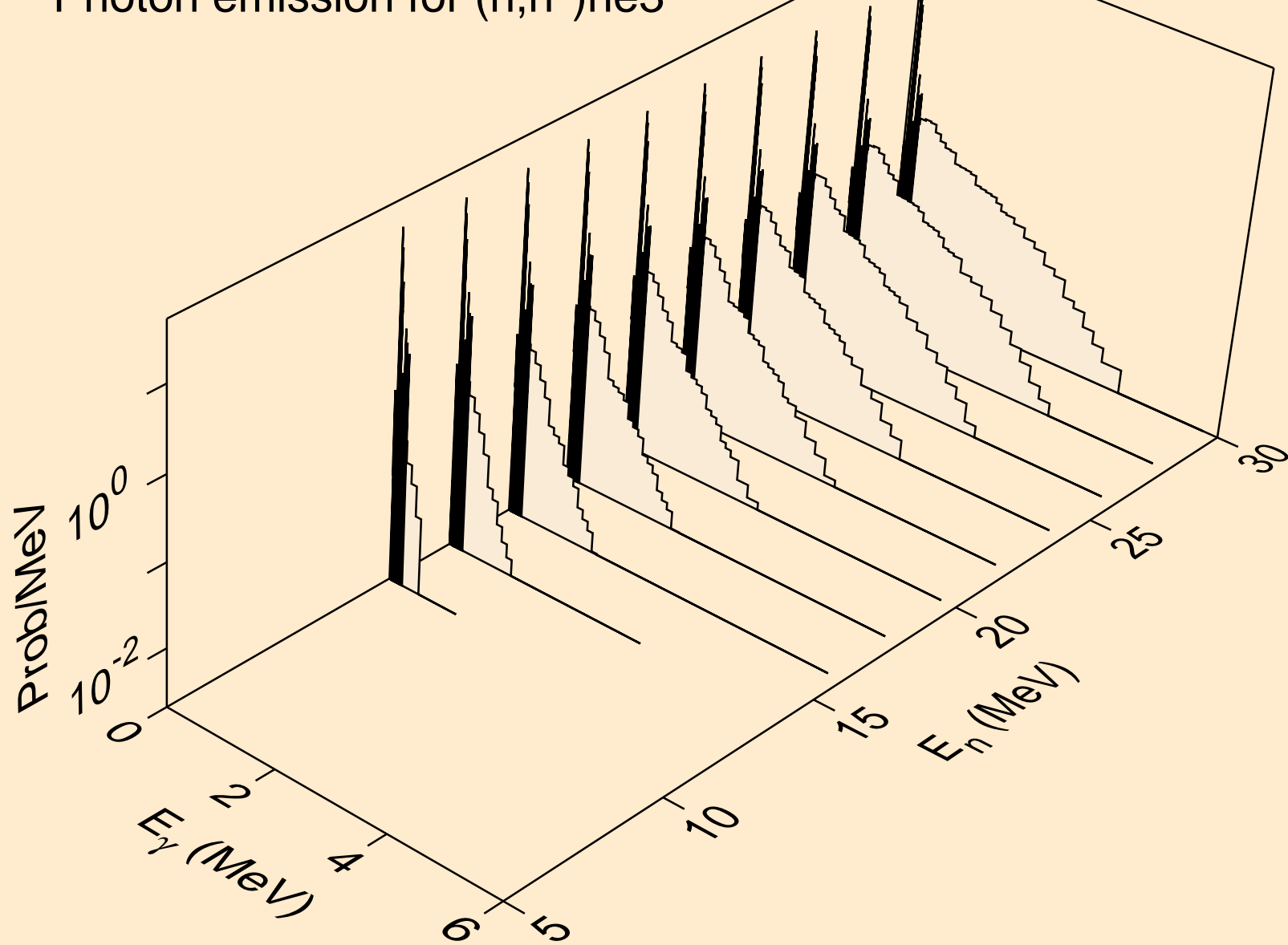
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



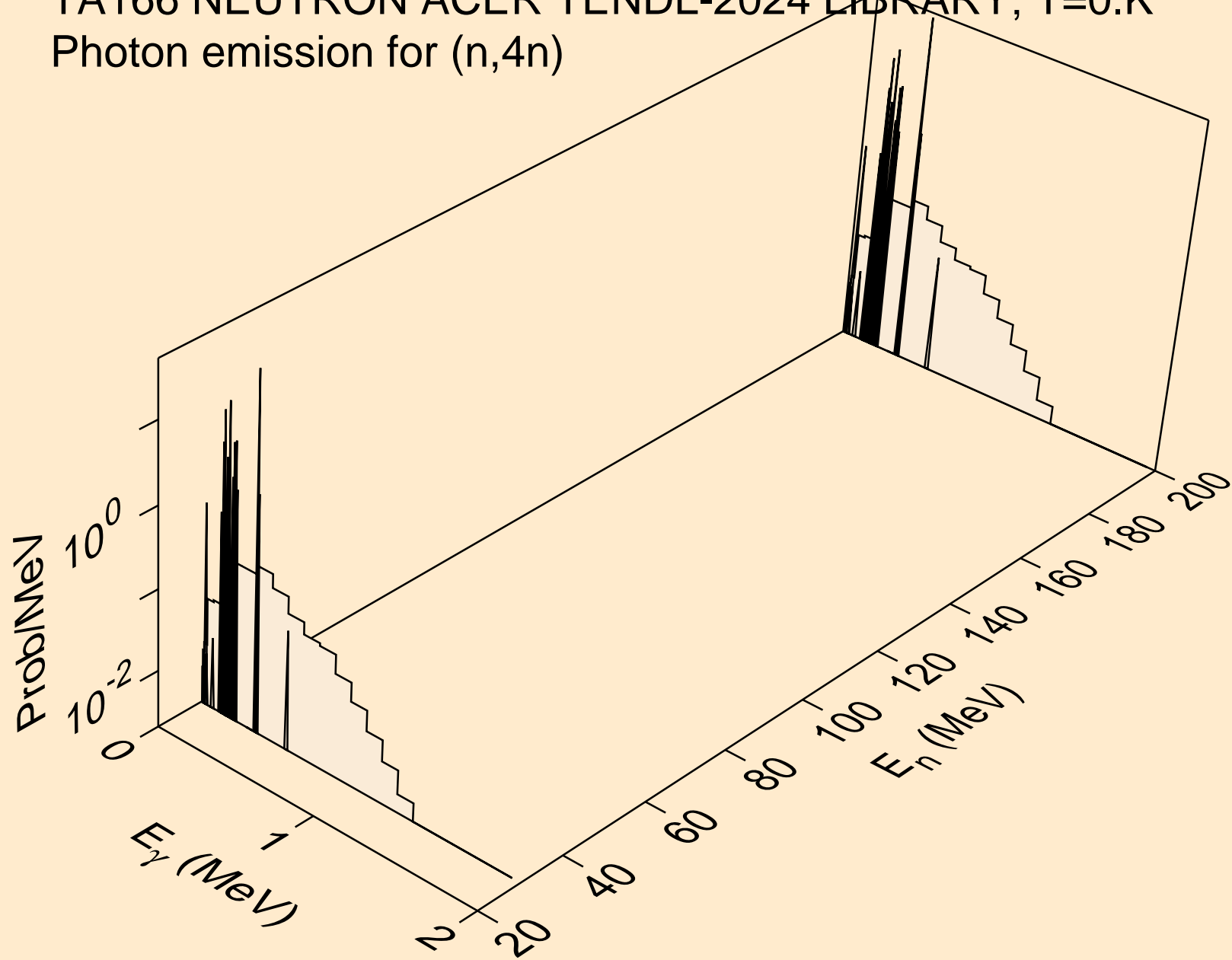
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



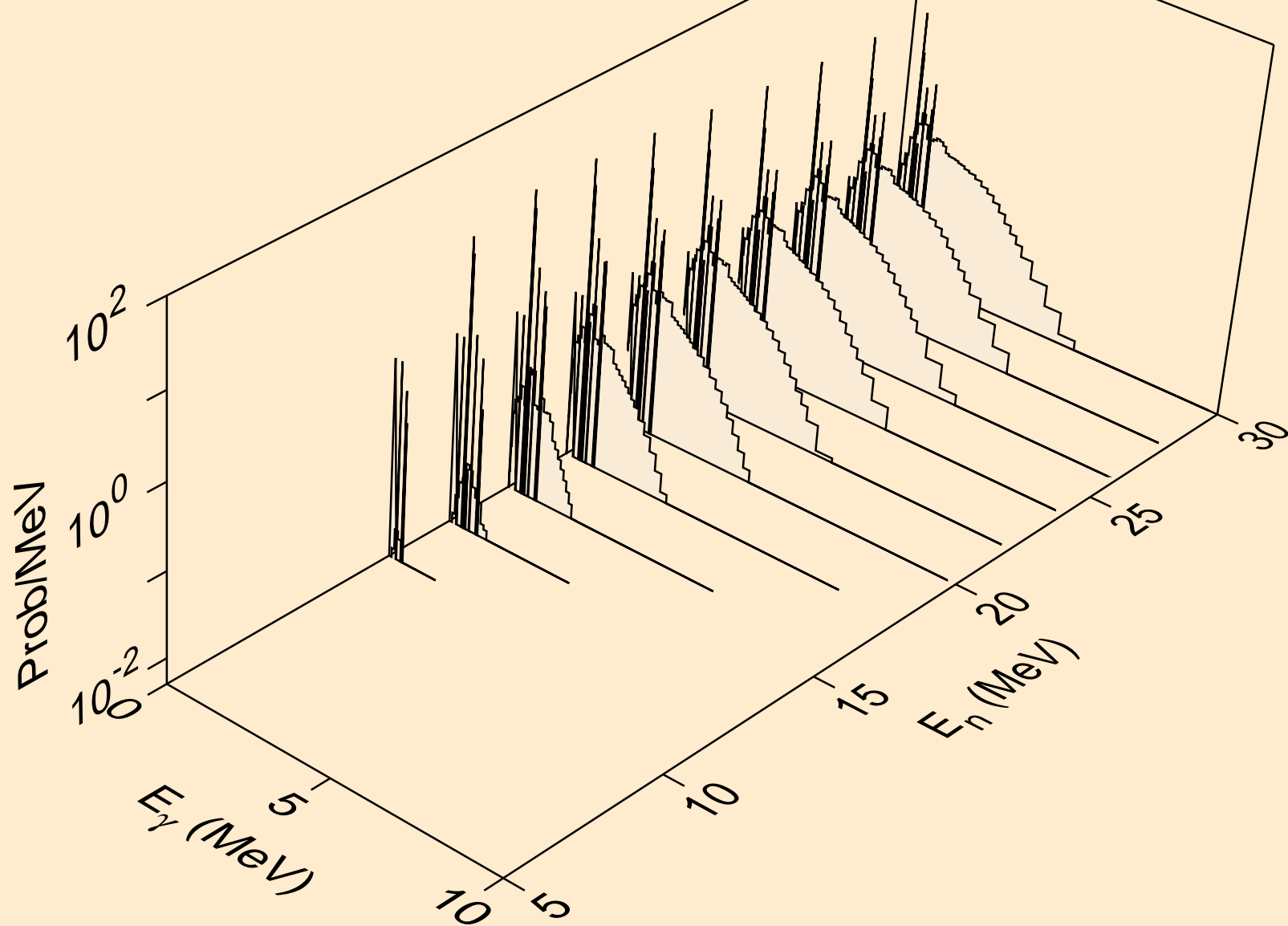
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

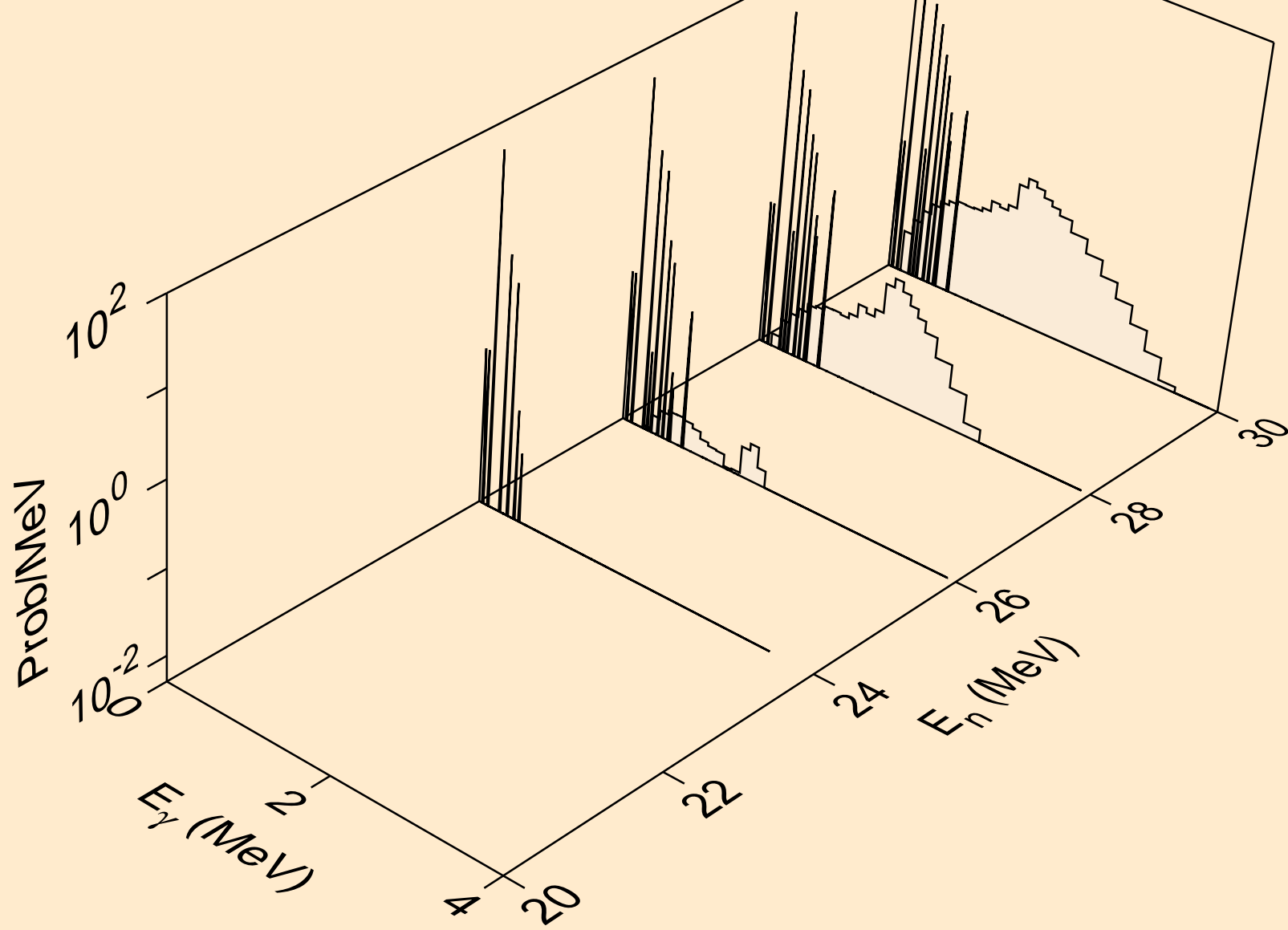


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

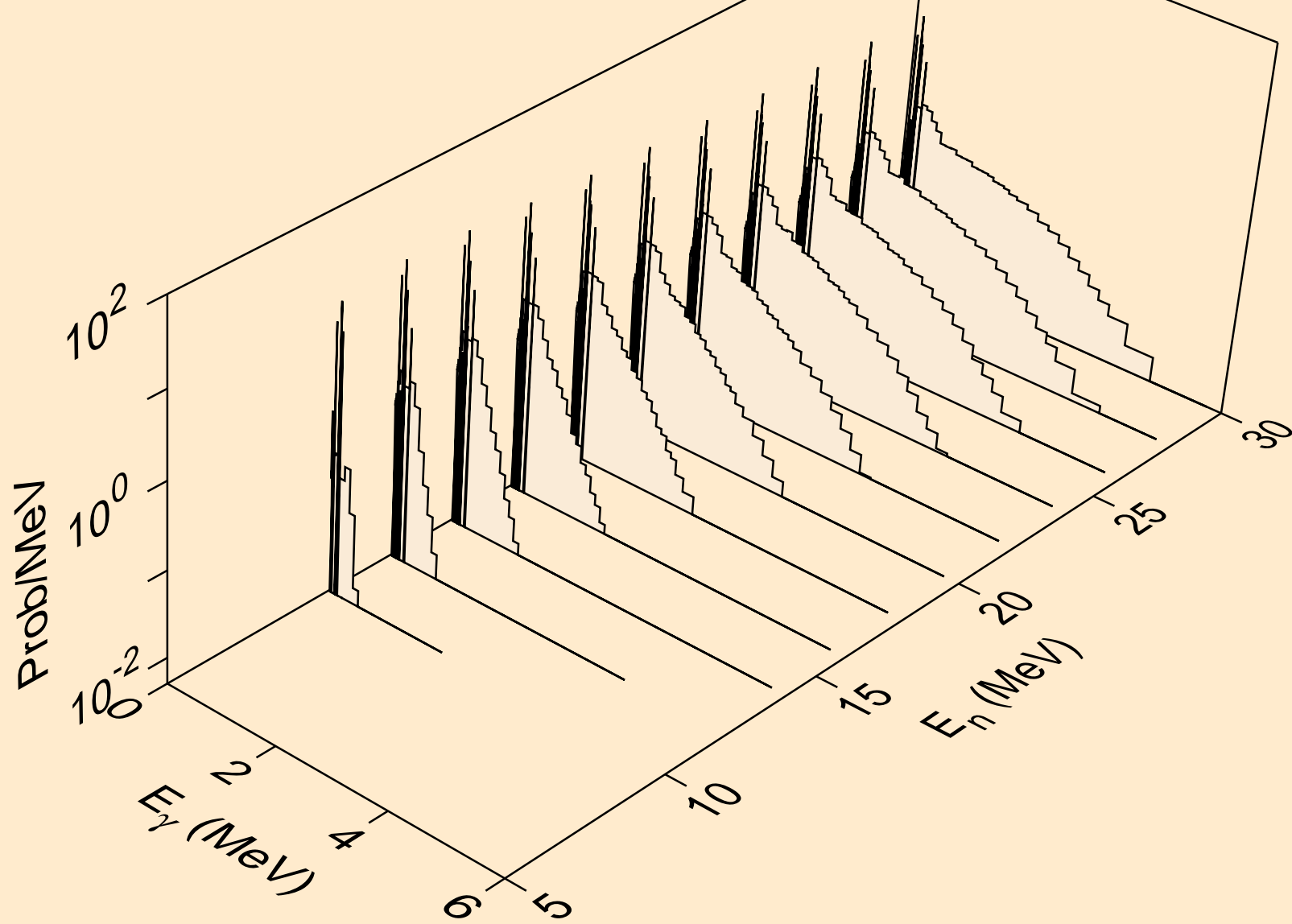




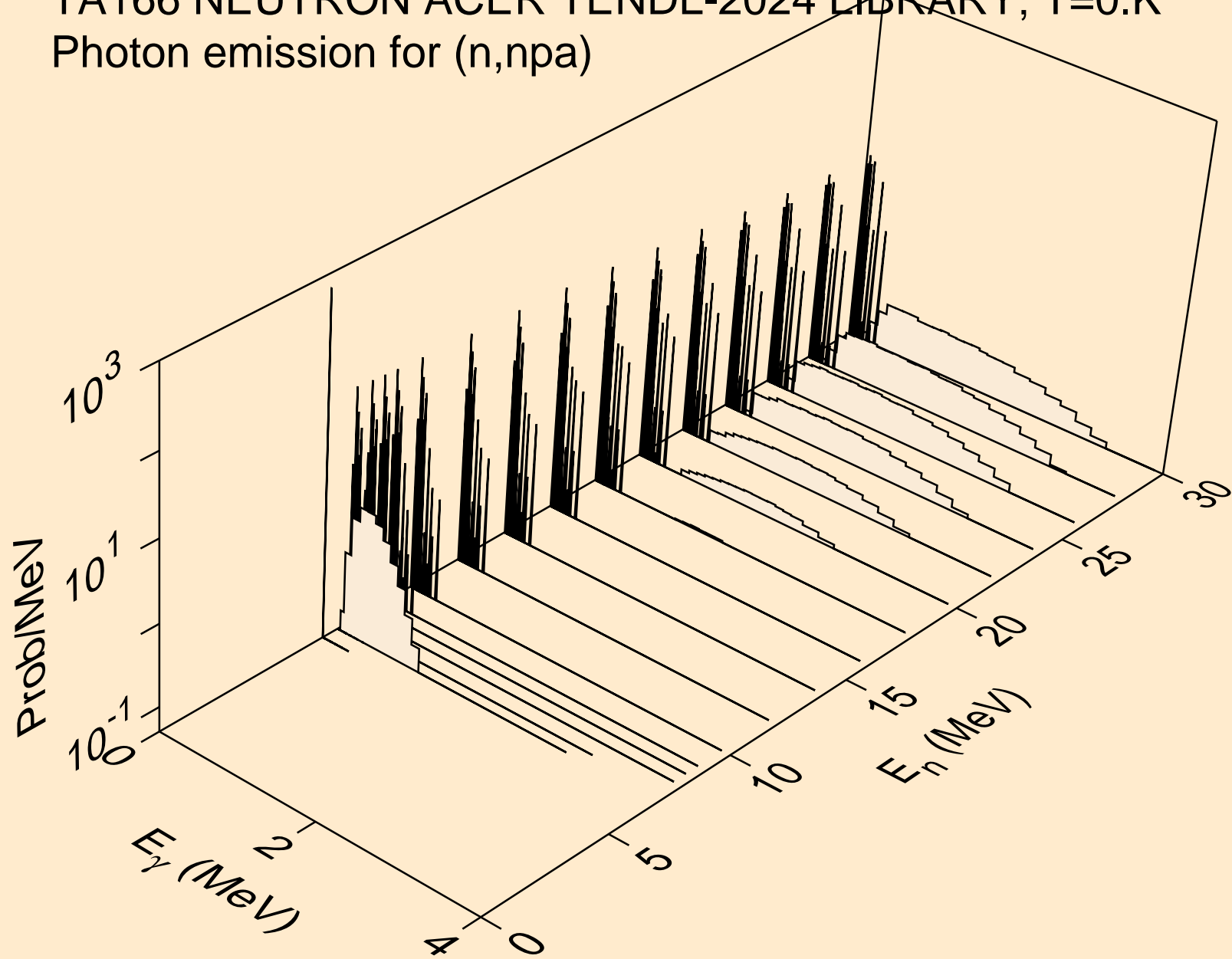
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



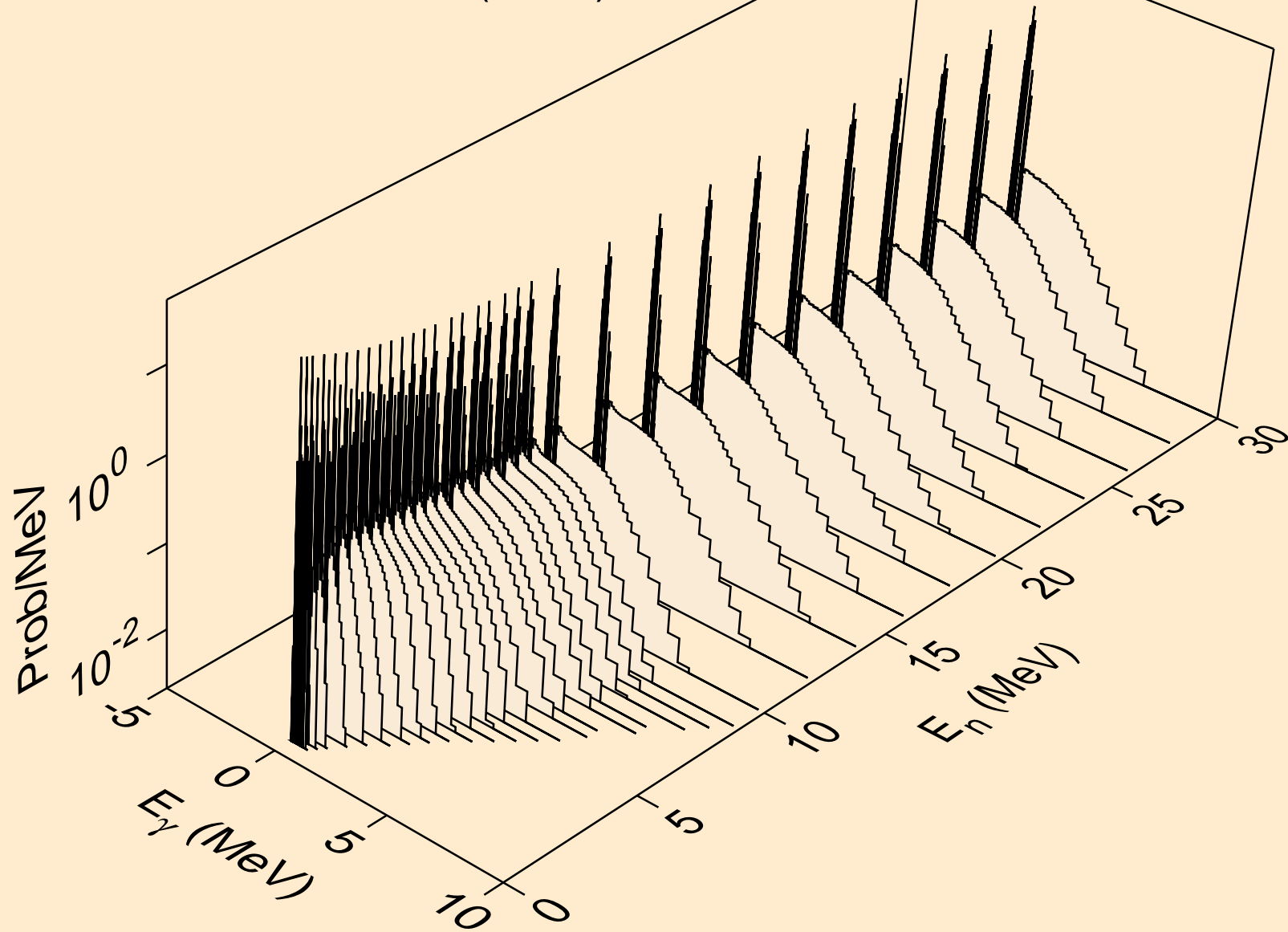
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



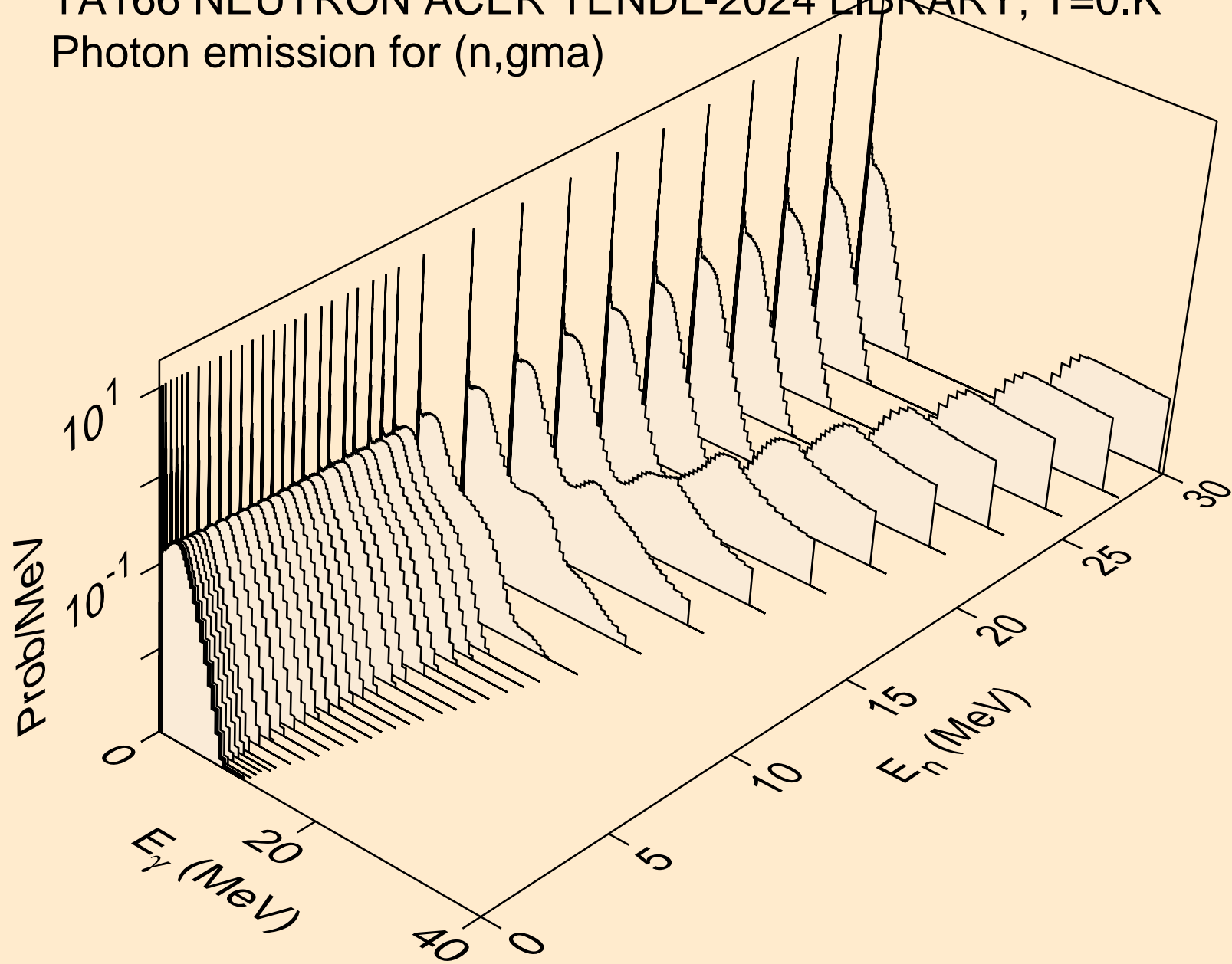
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



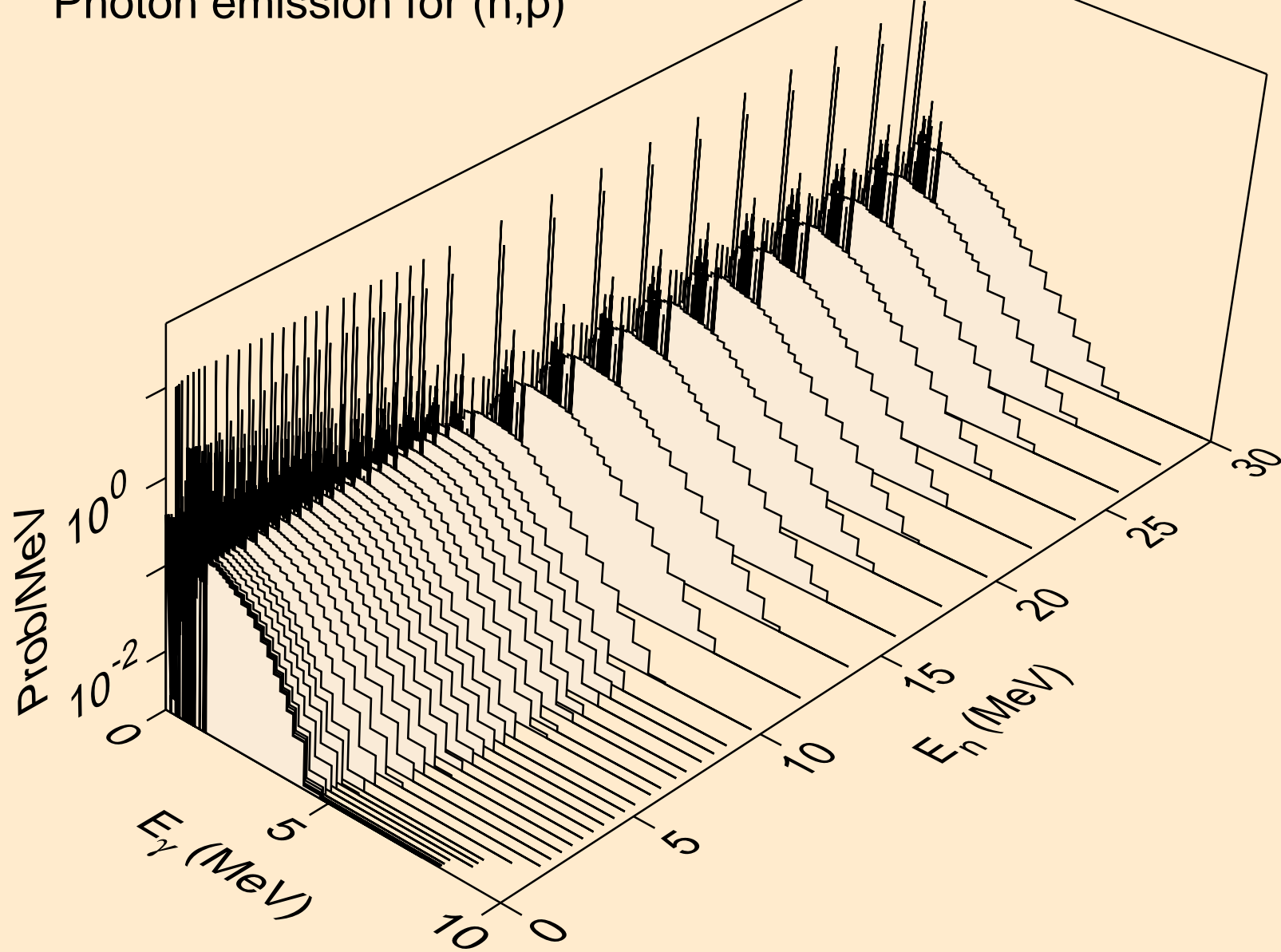
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



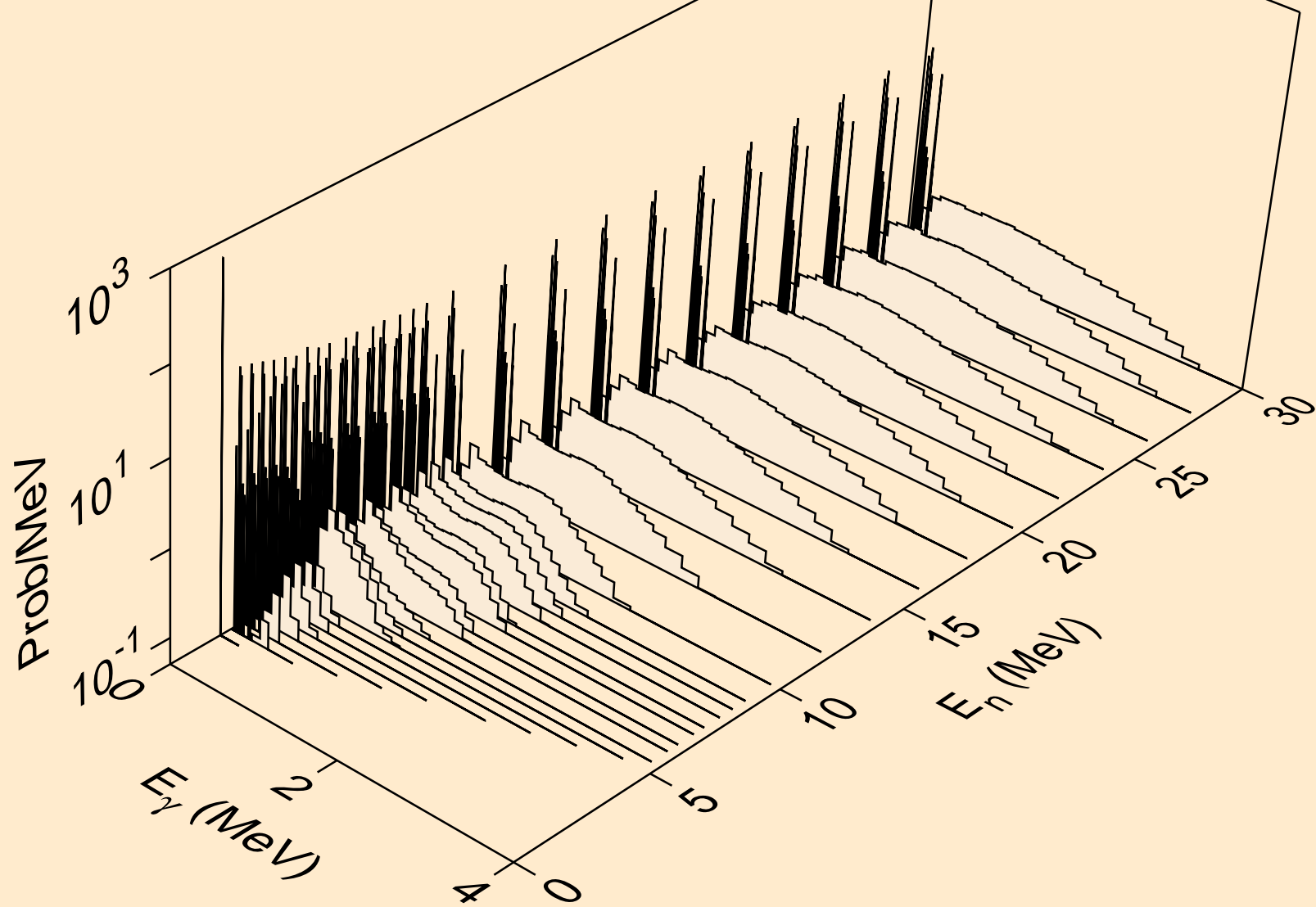
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



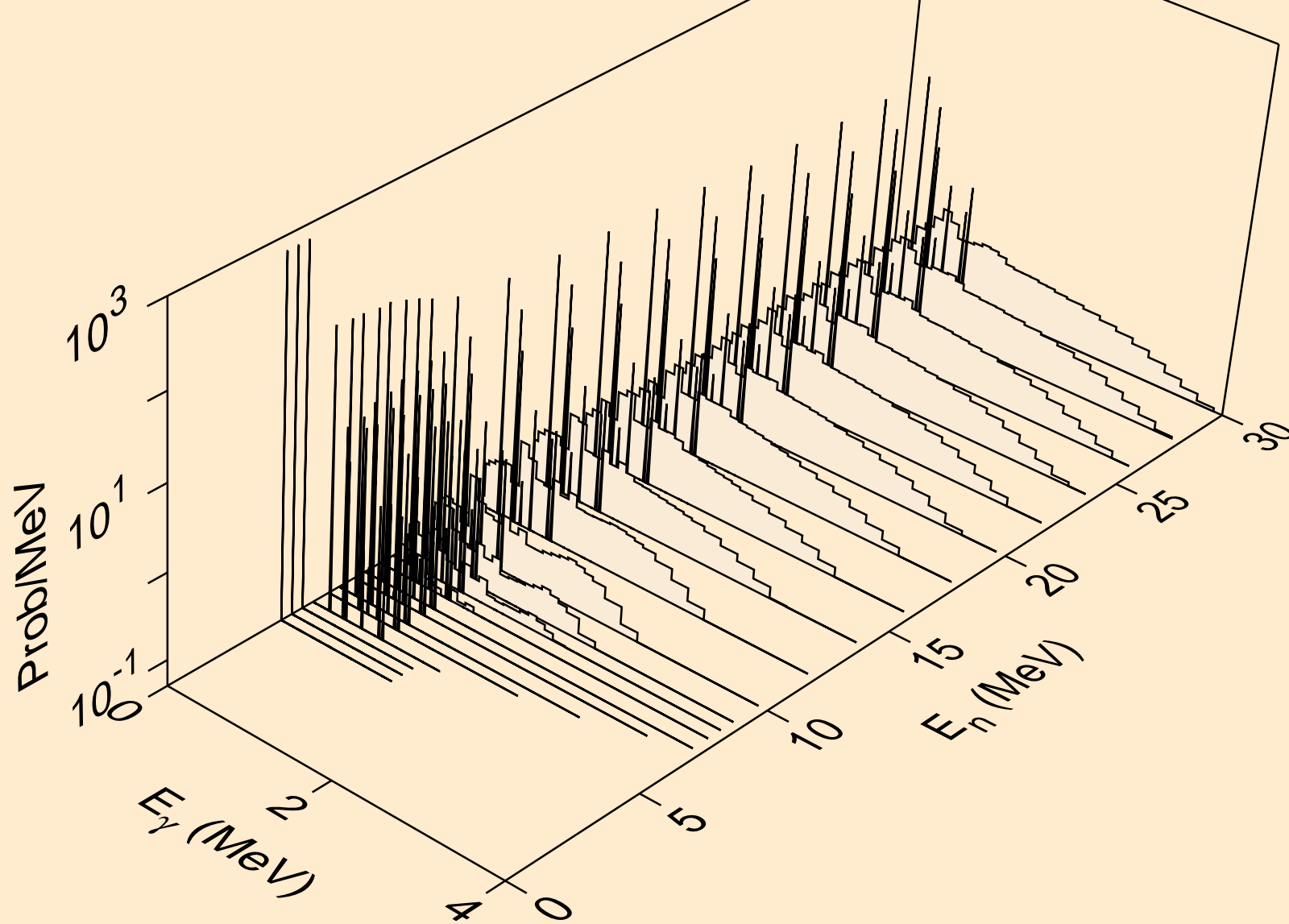
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

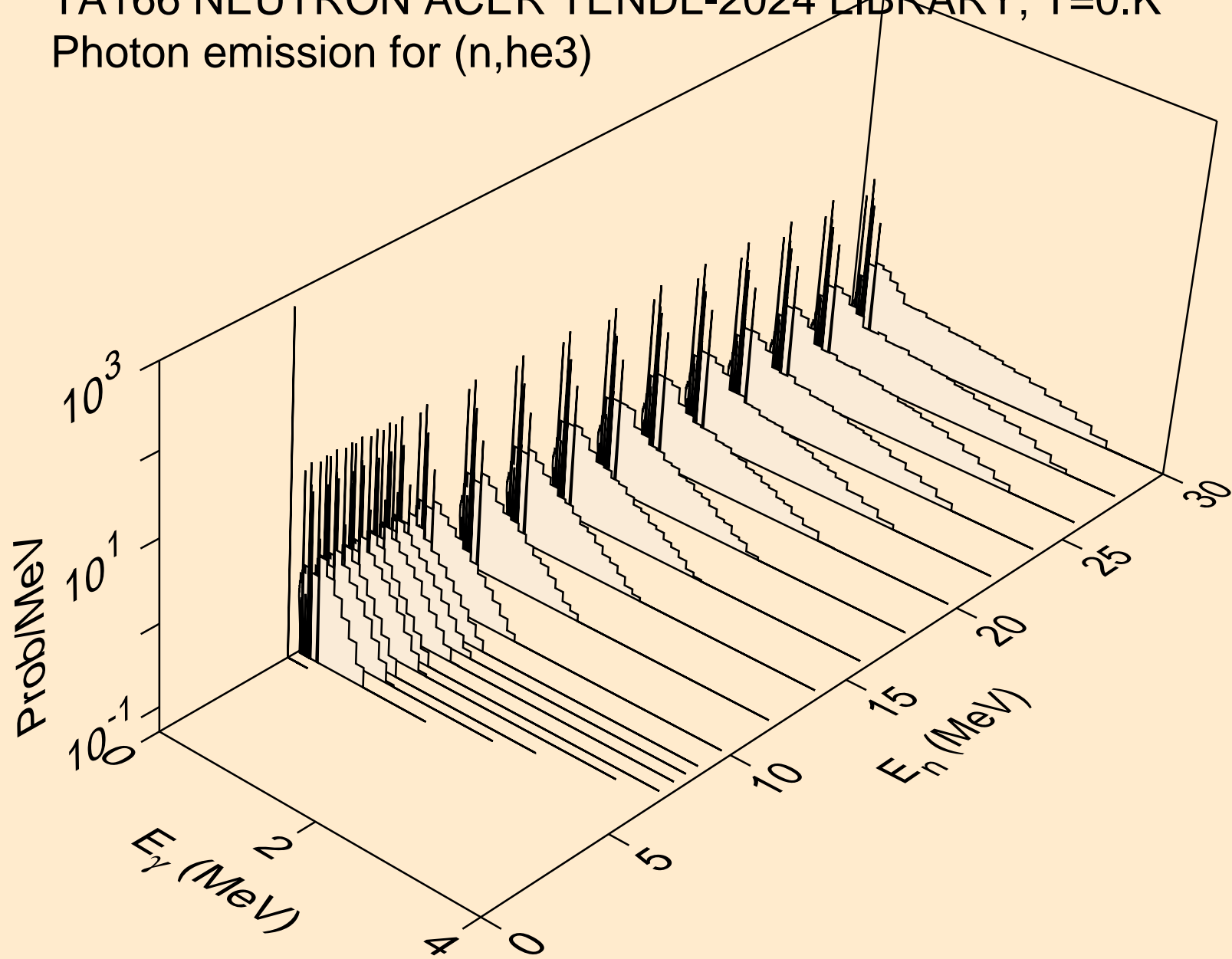


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

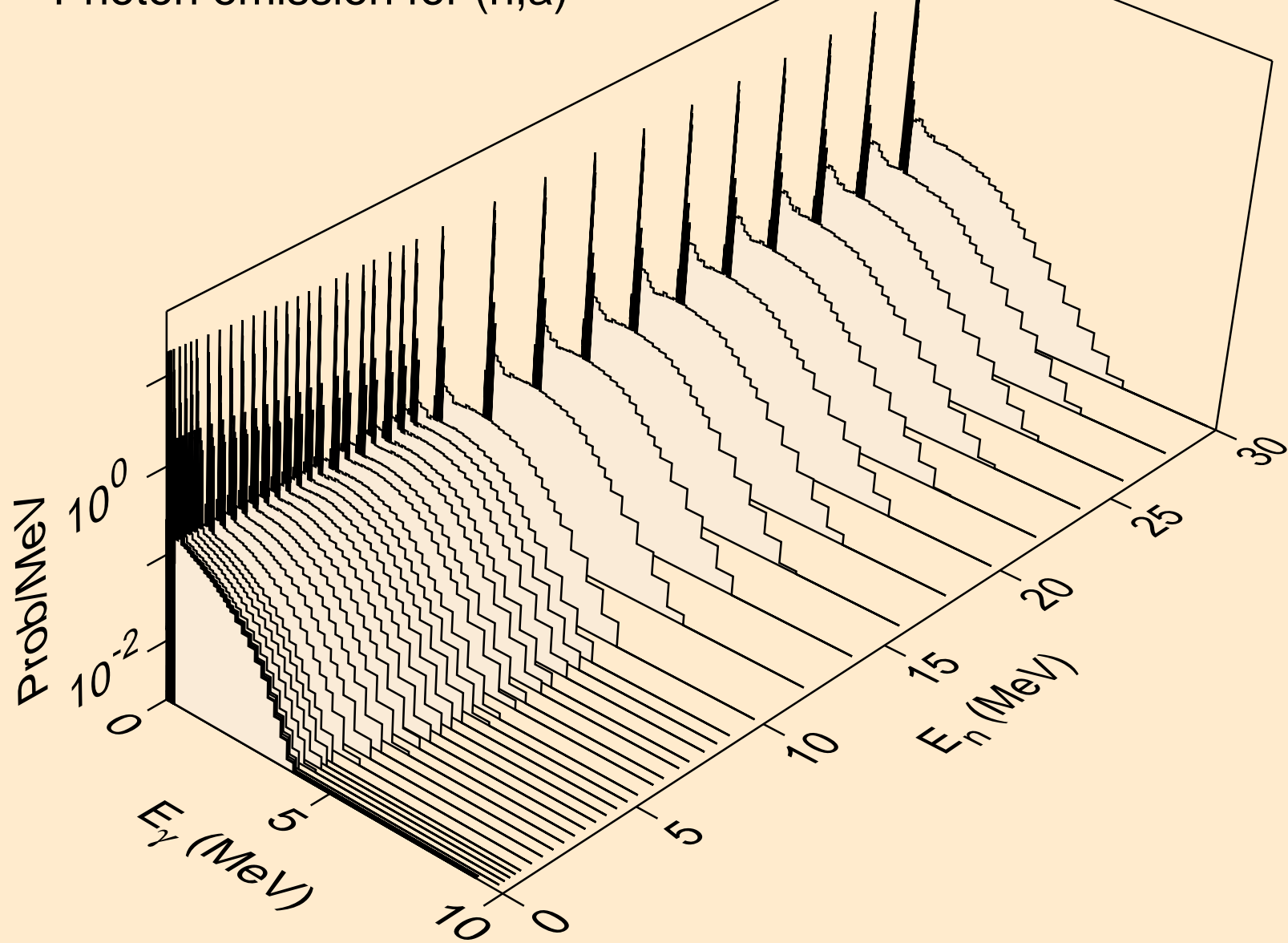




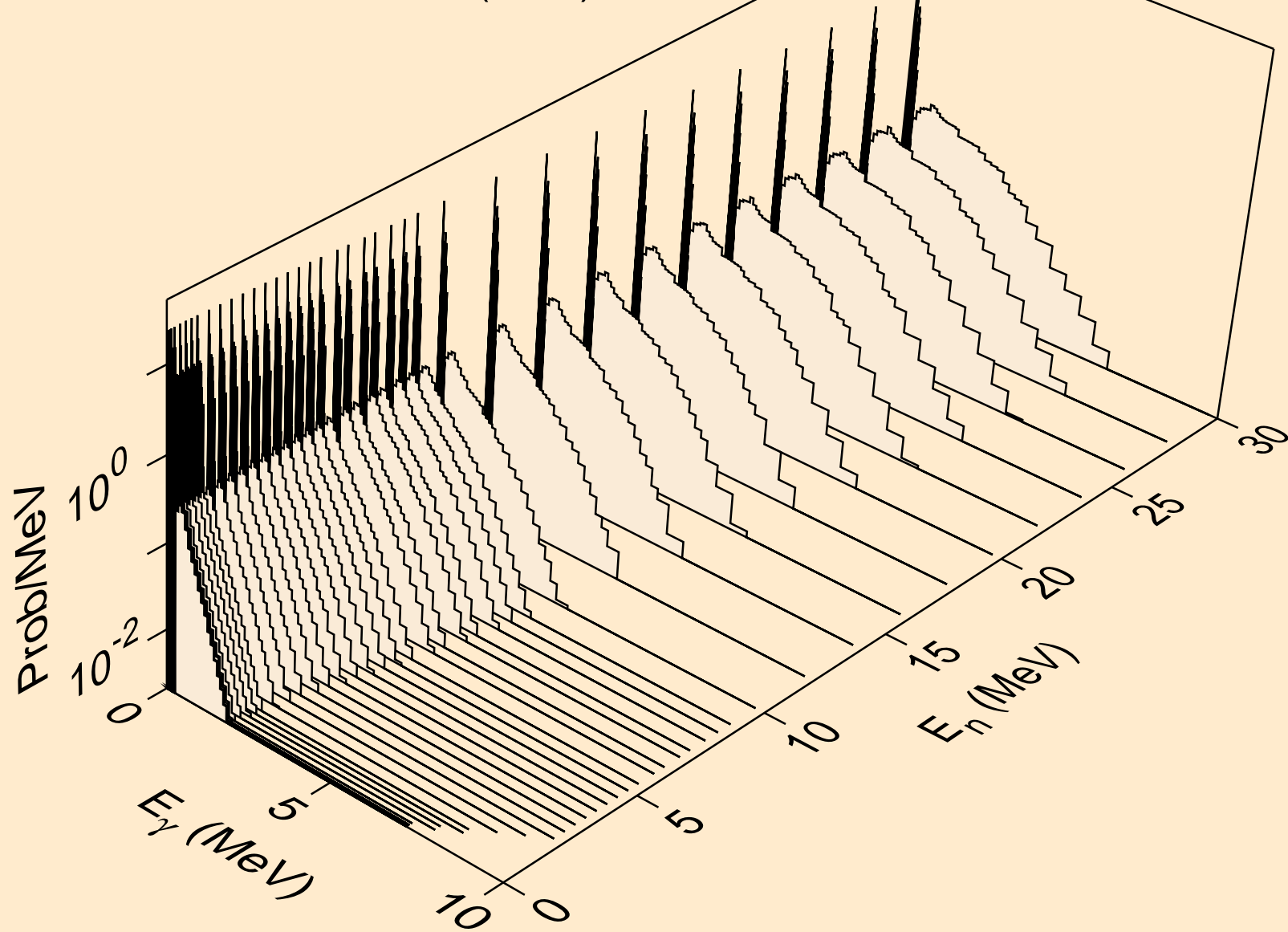
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



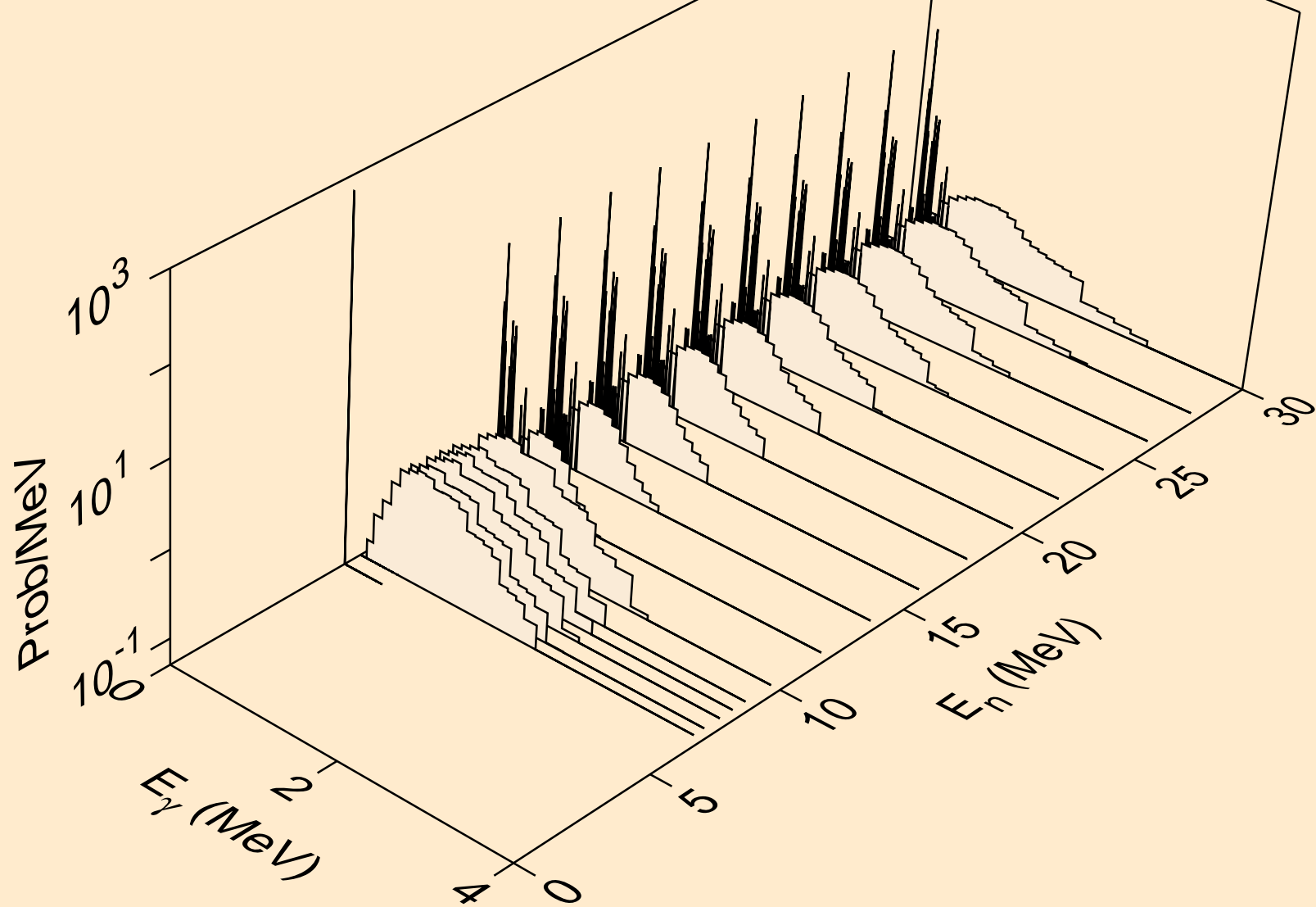
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



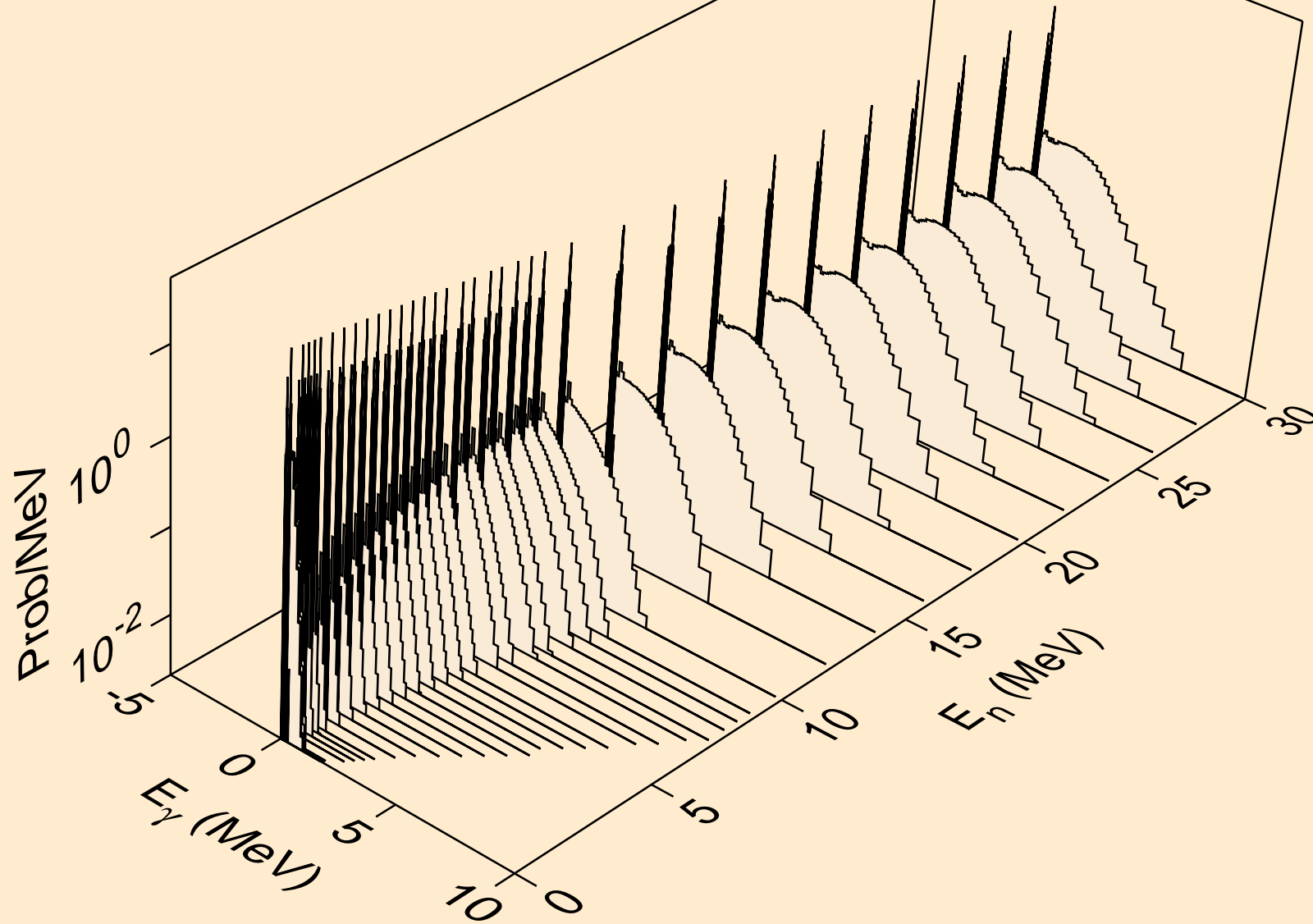
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



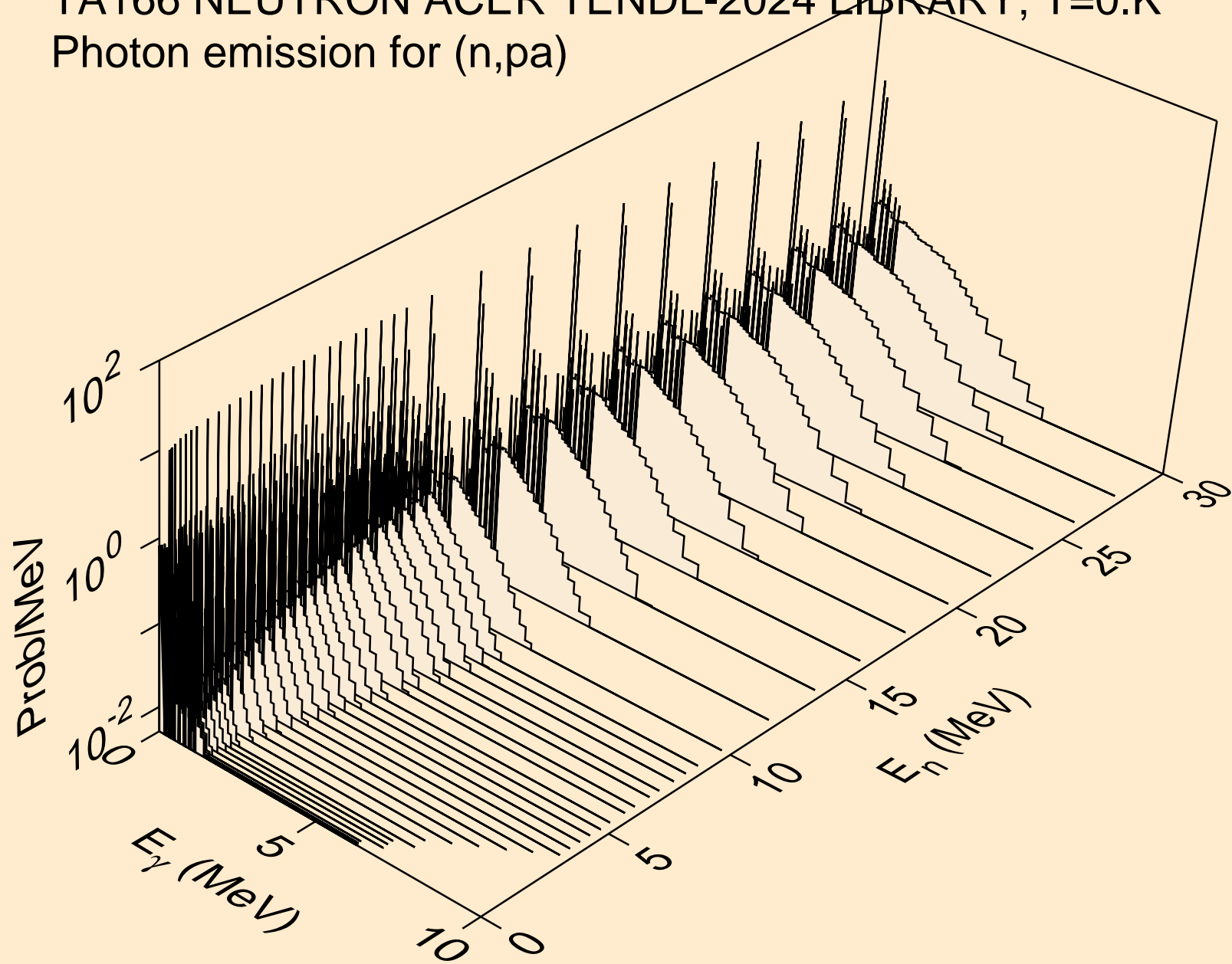
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



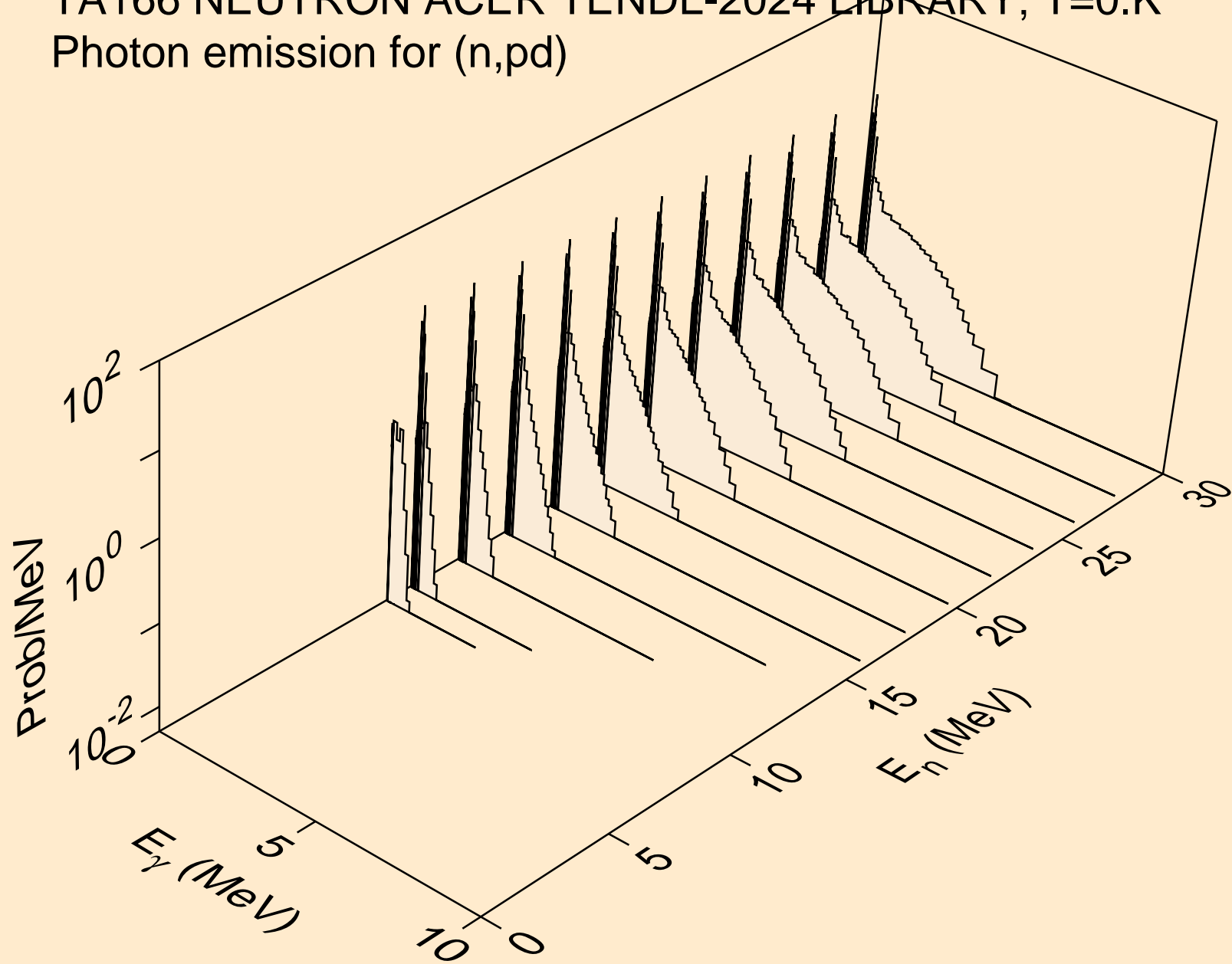
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Photon emission for (n,2p)



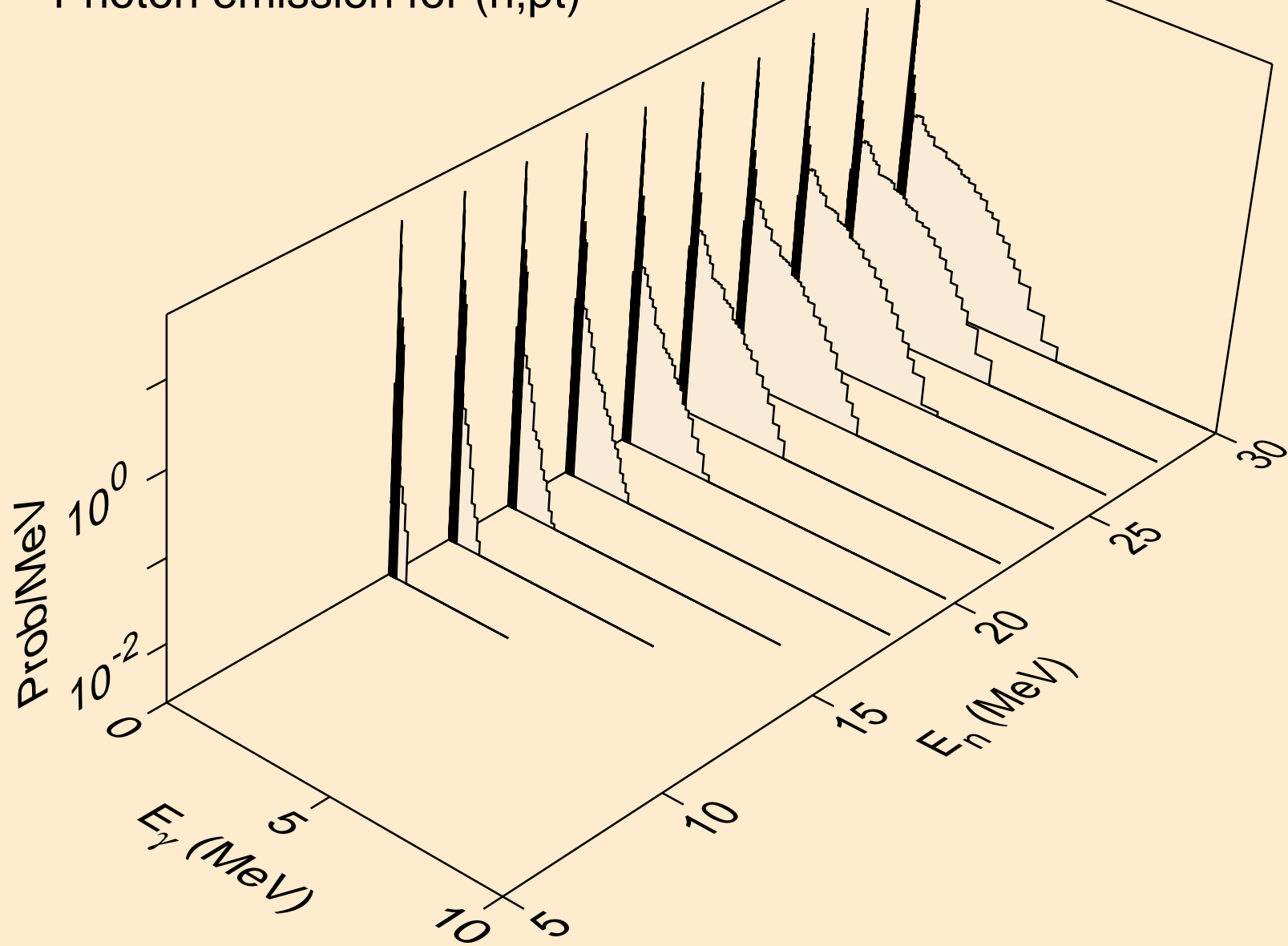
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

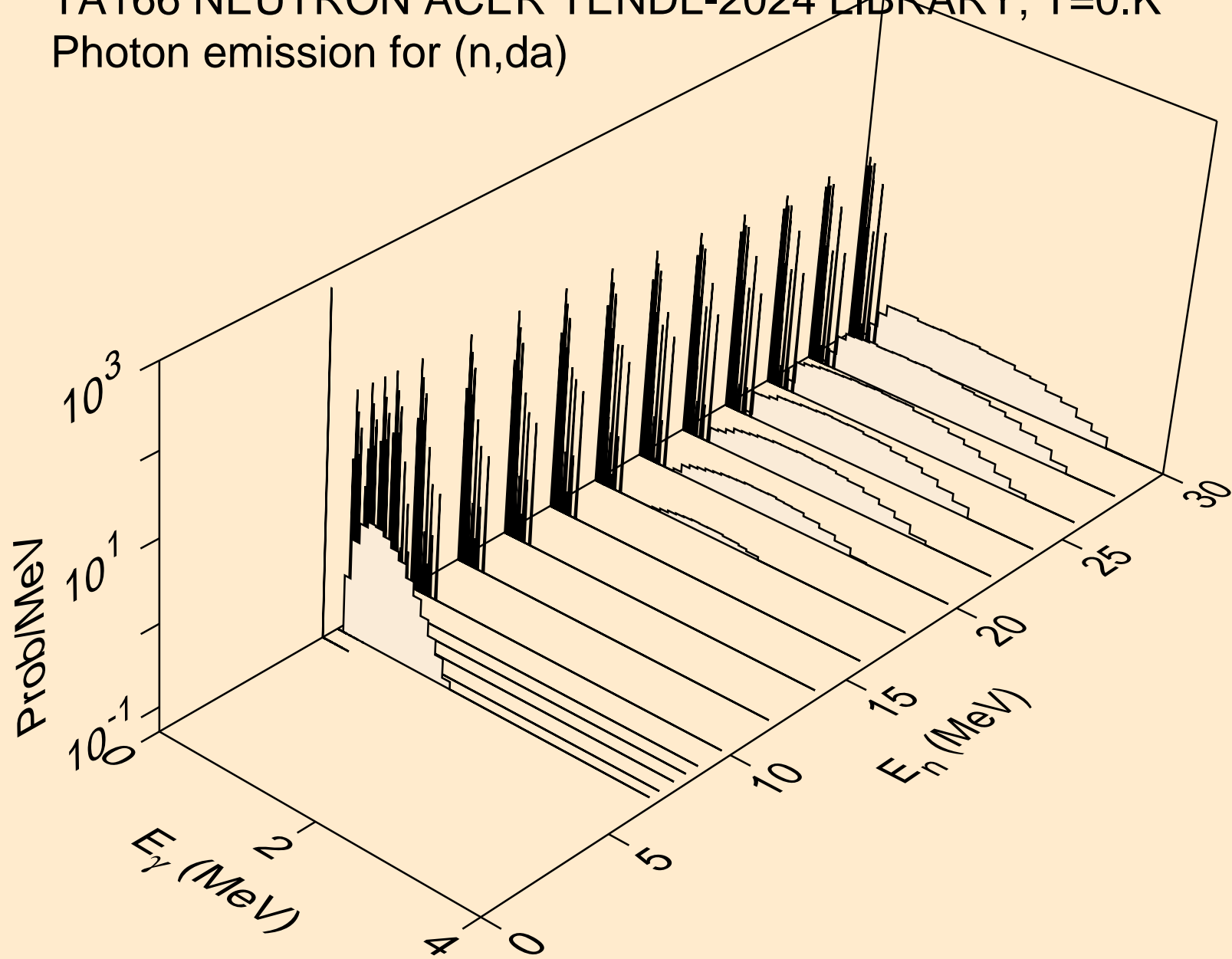


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

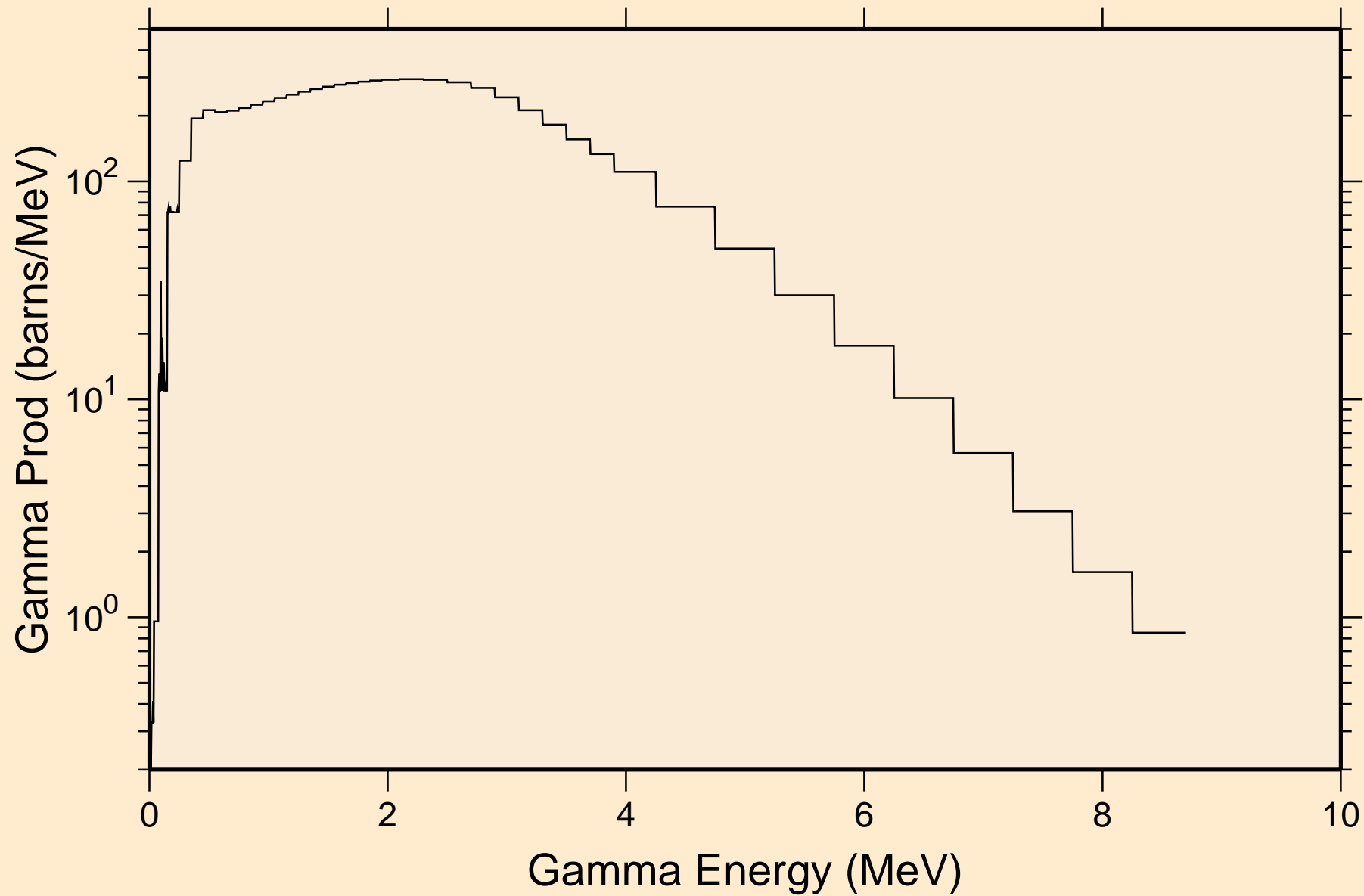




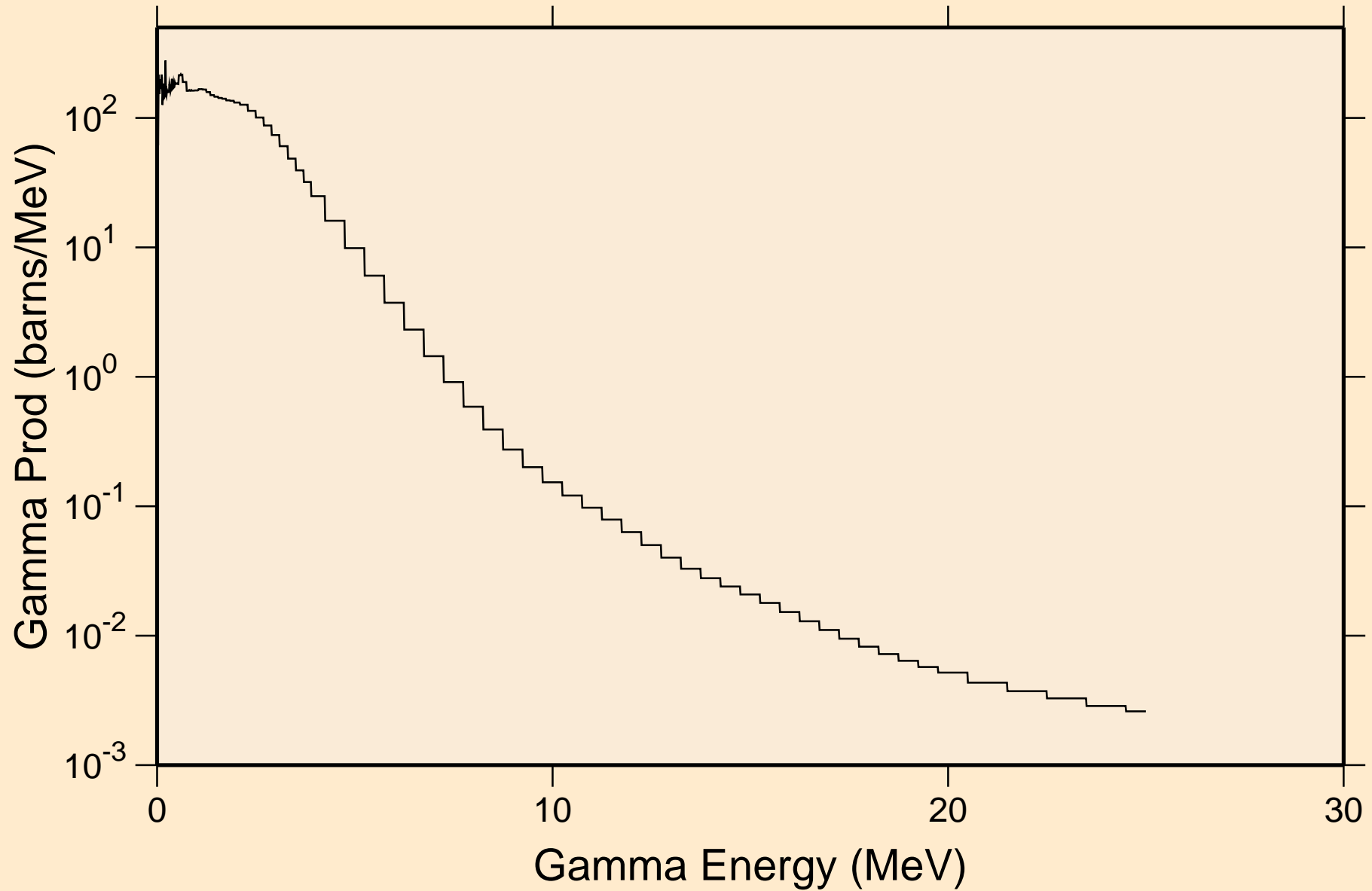
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

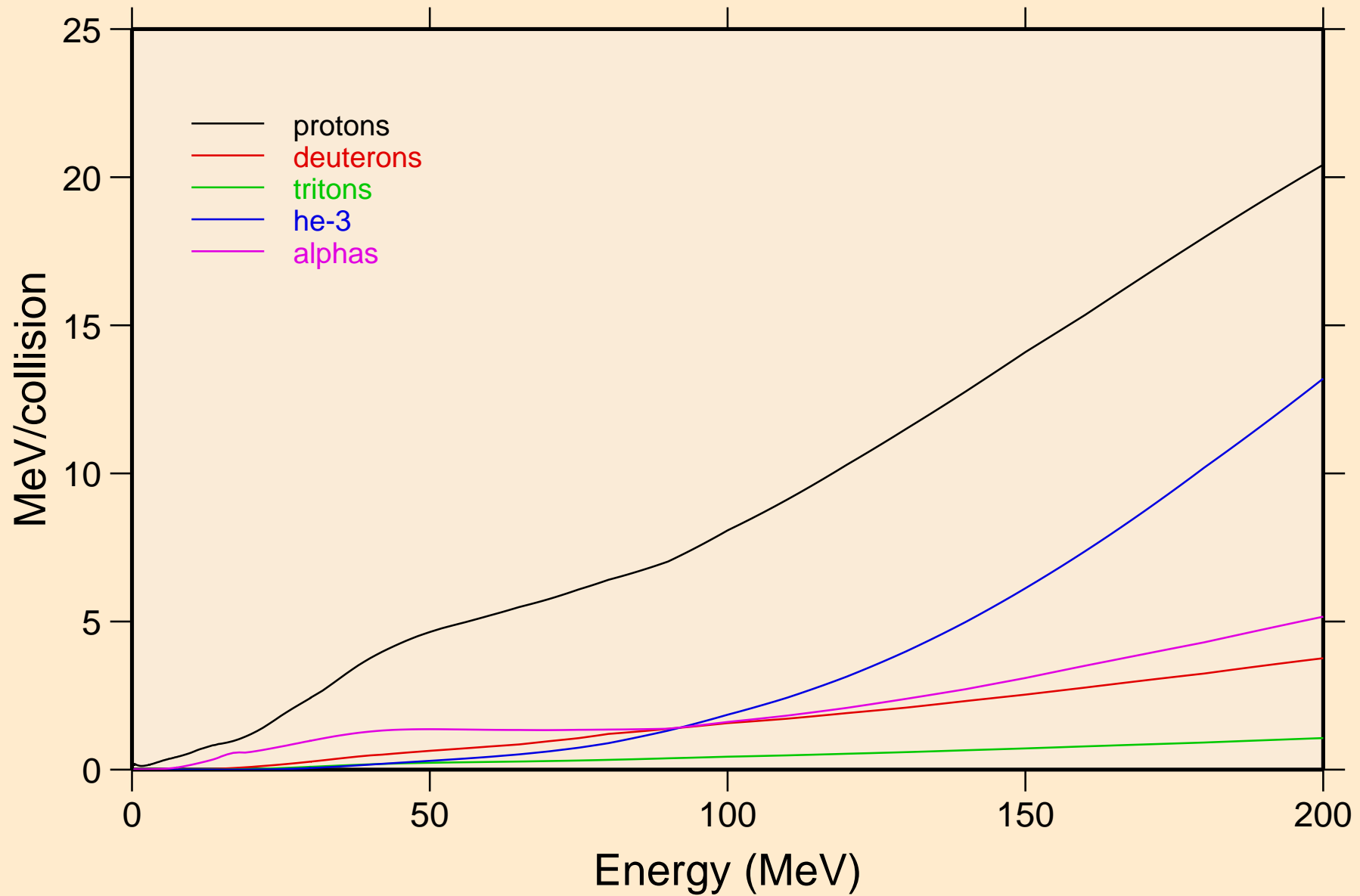


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

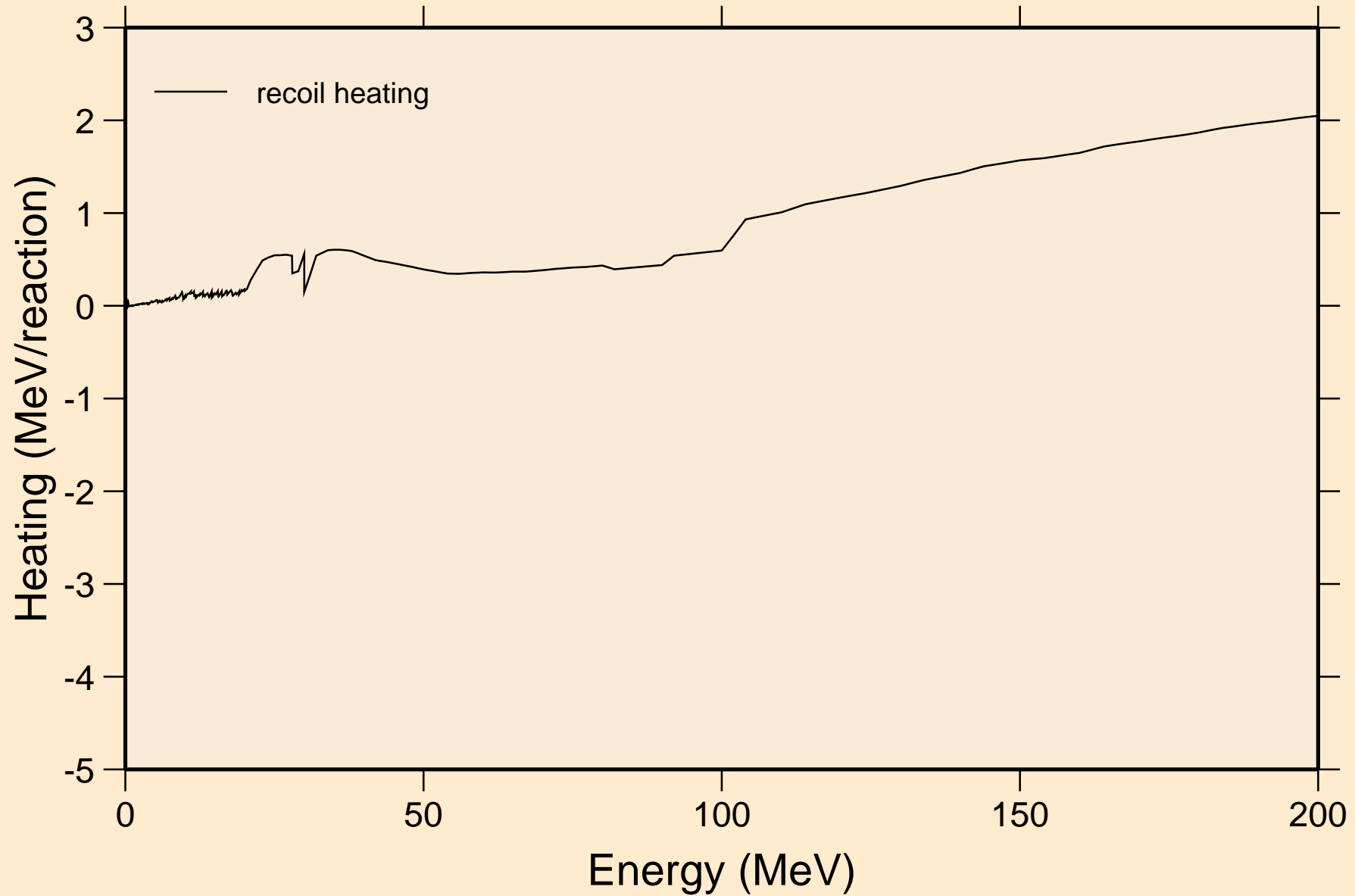


# TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

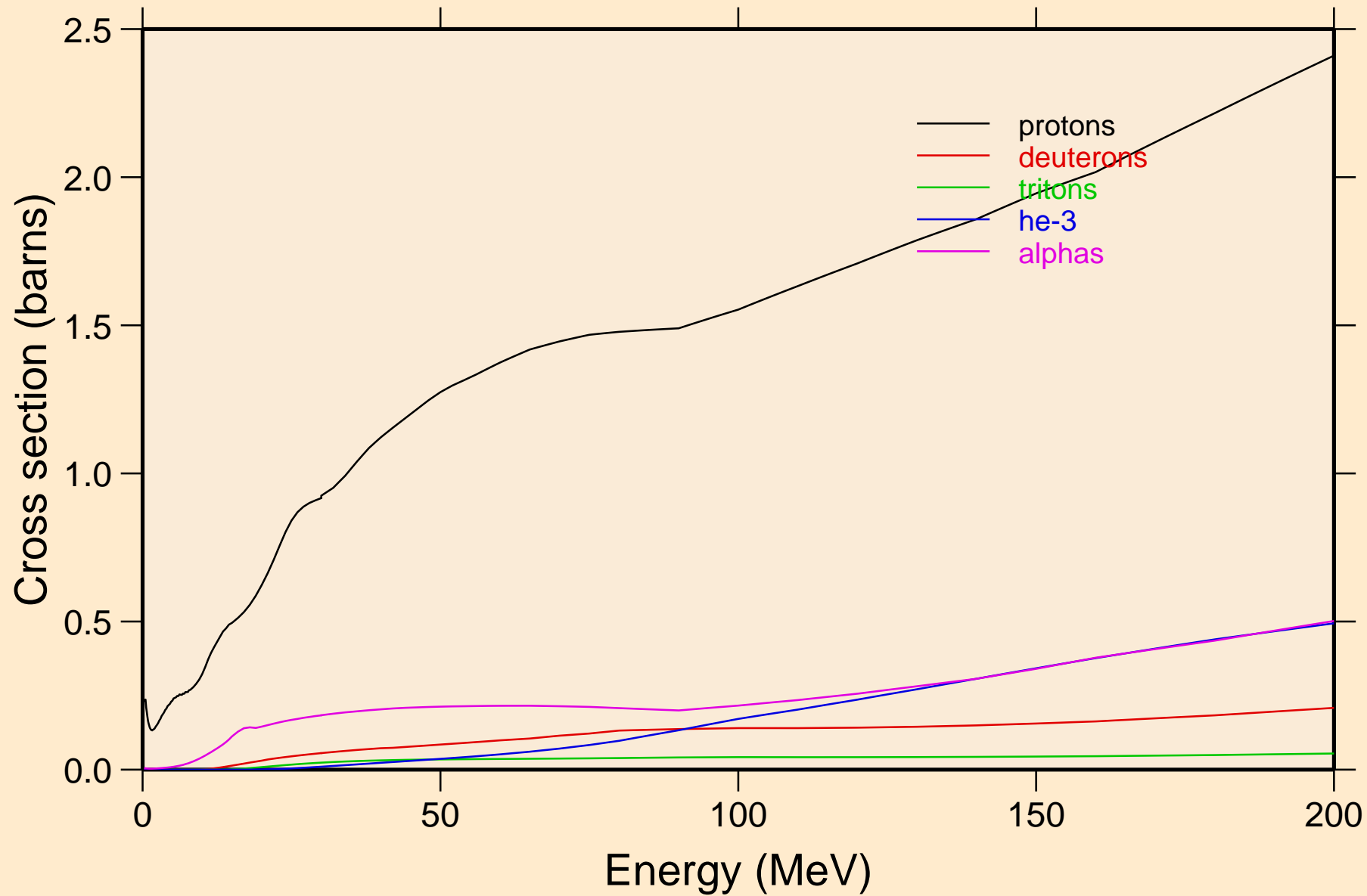
## Particle heating contributions



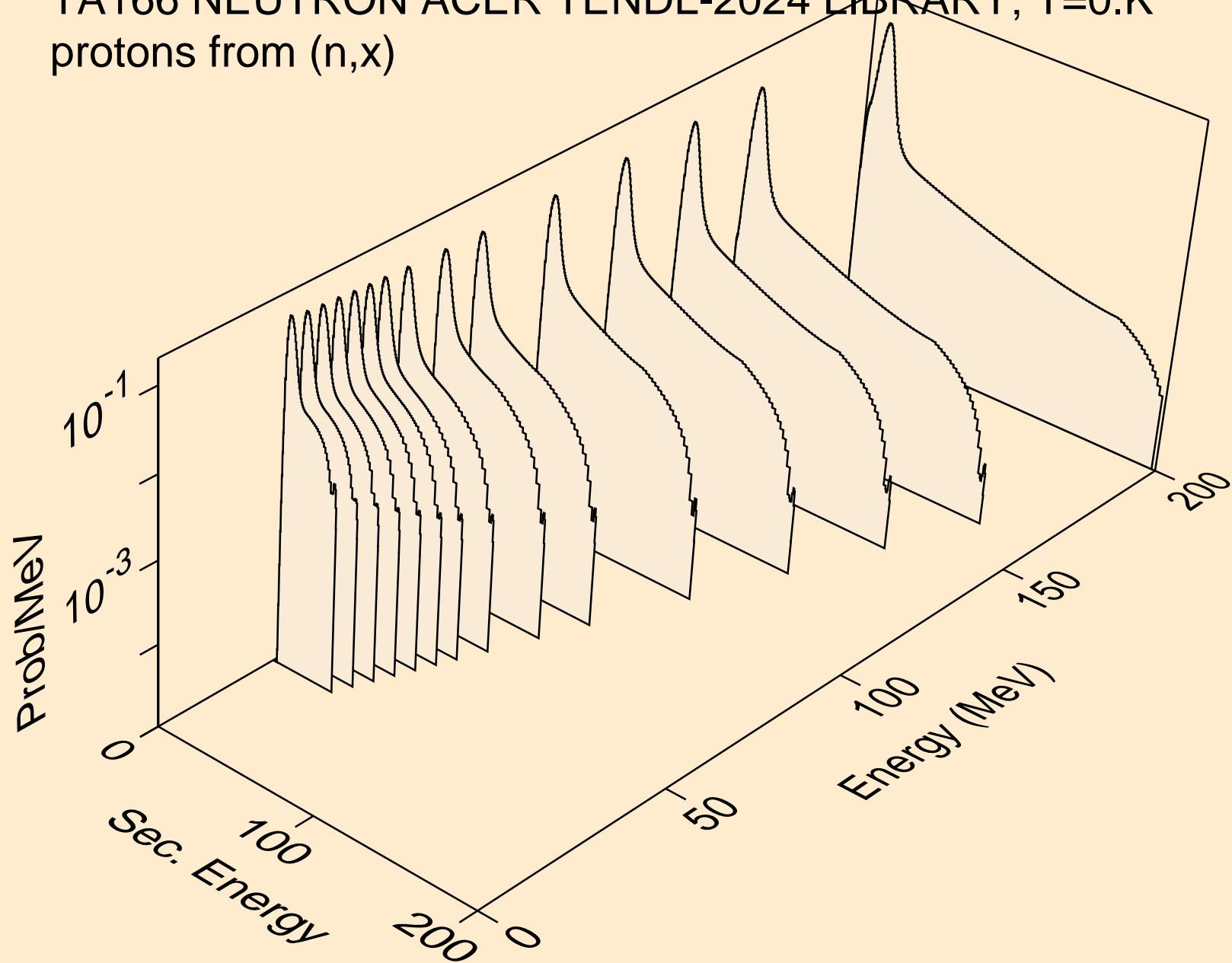
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



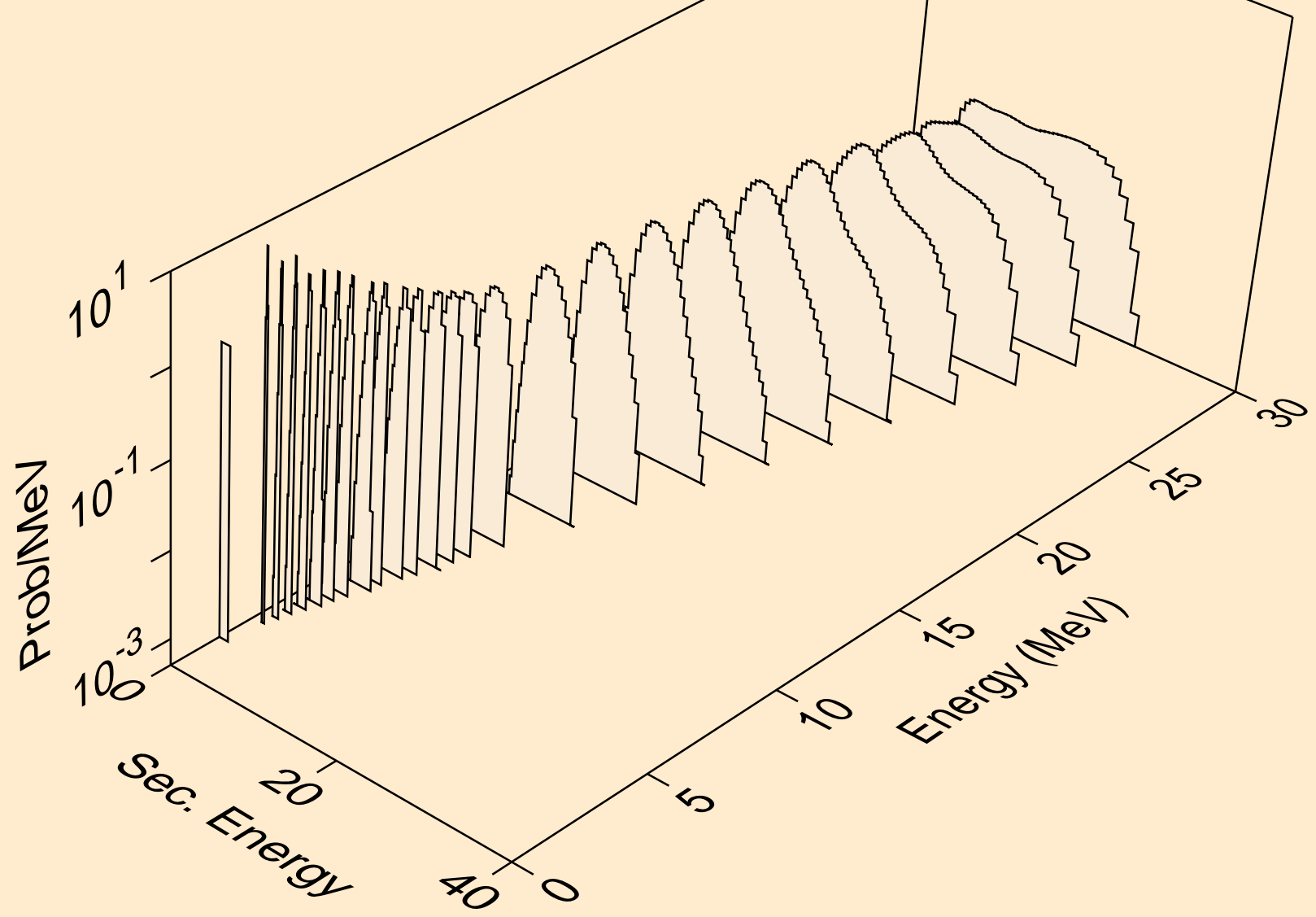
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

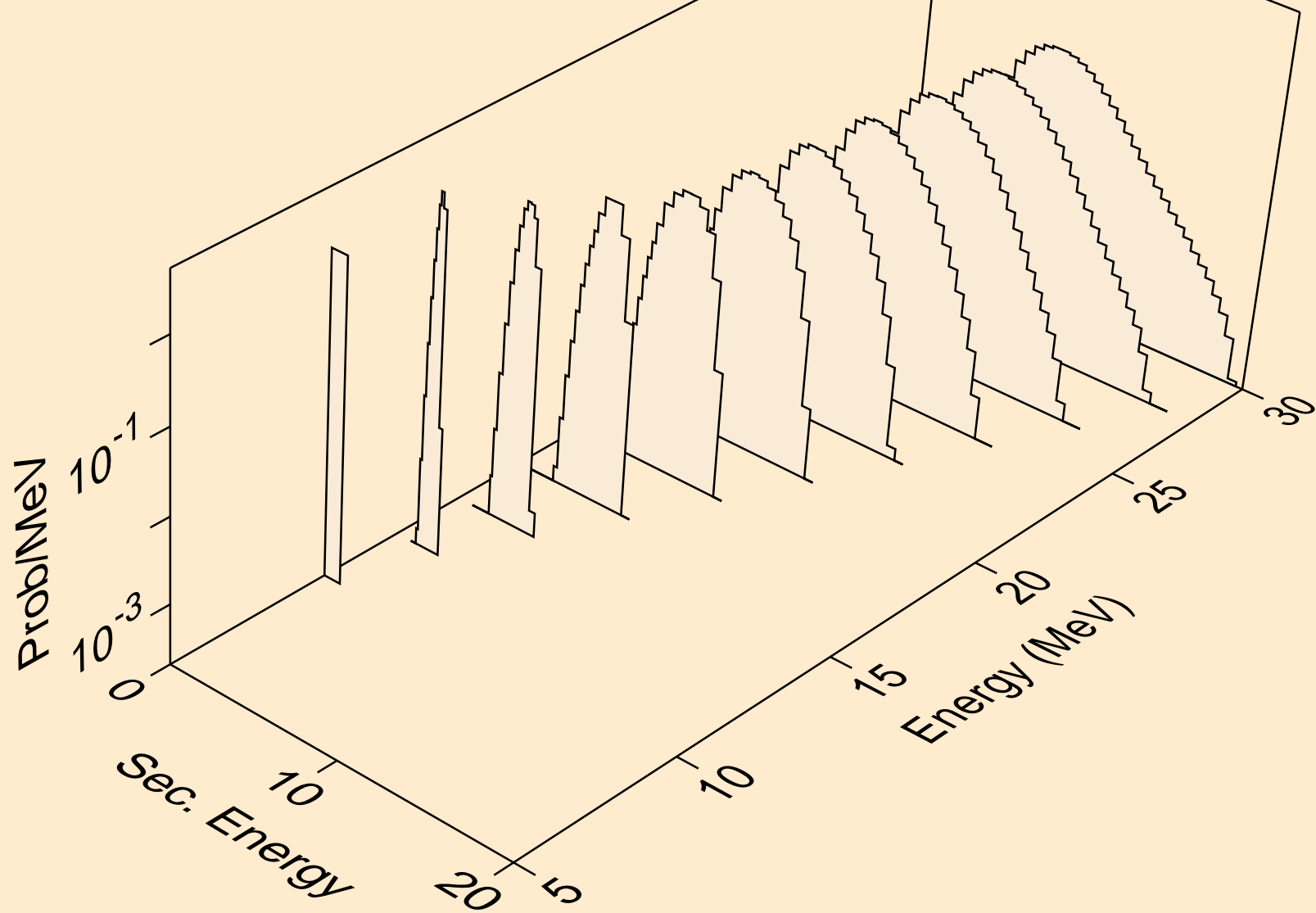


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

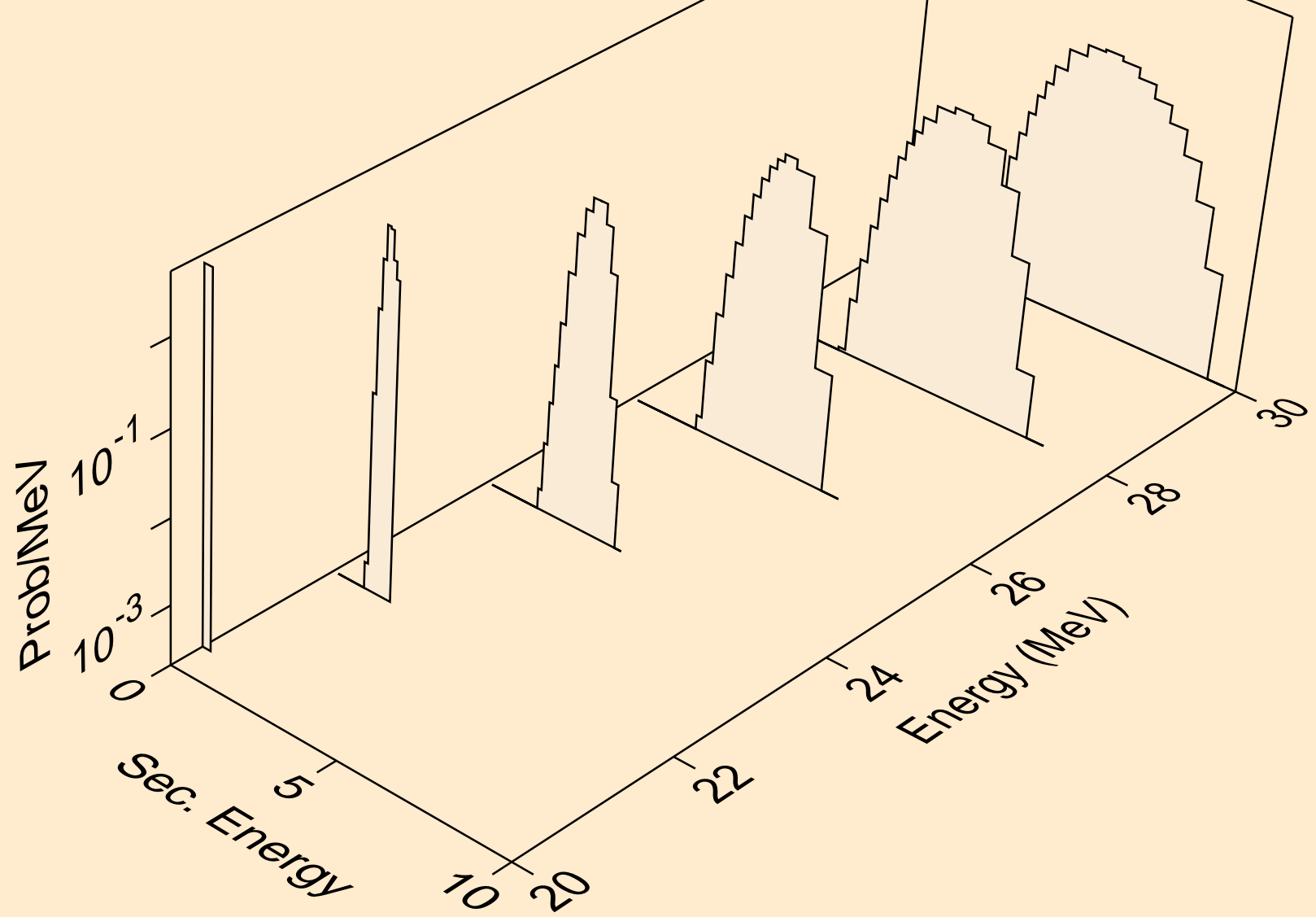




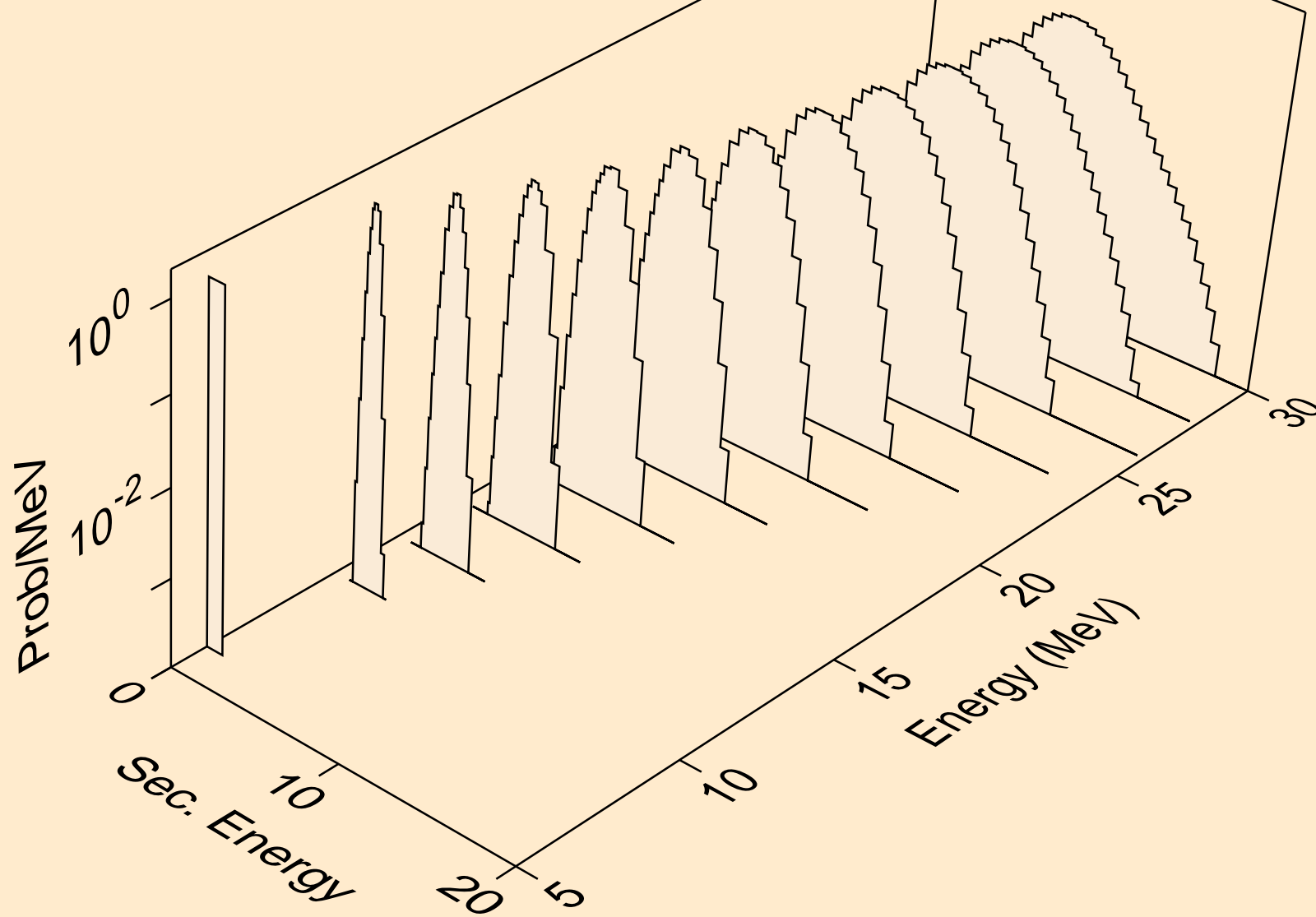
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protons from (n,2np)



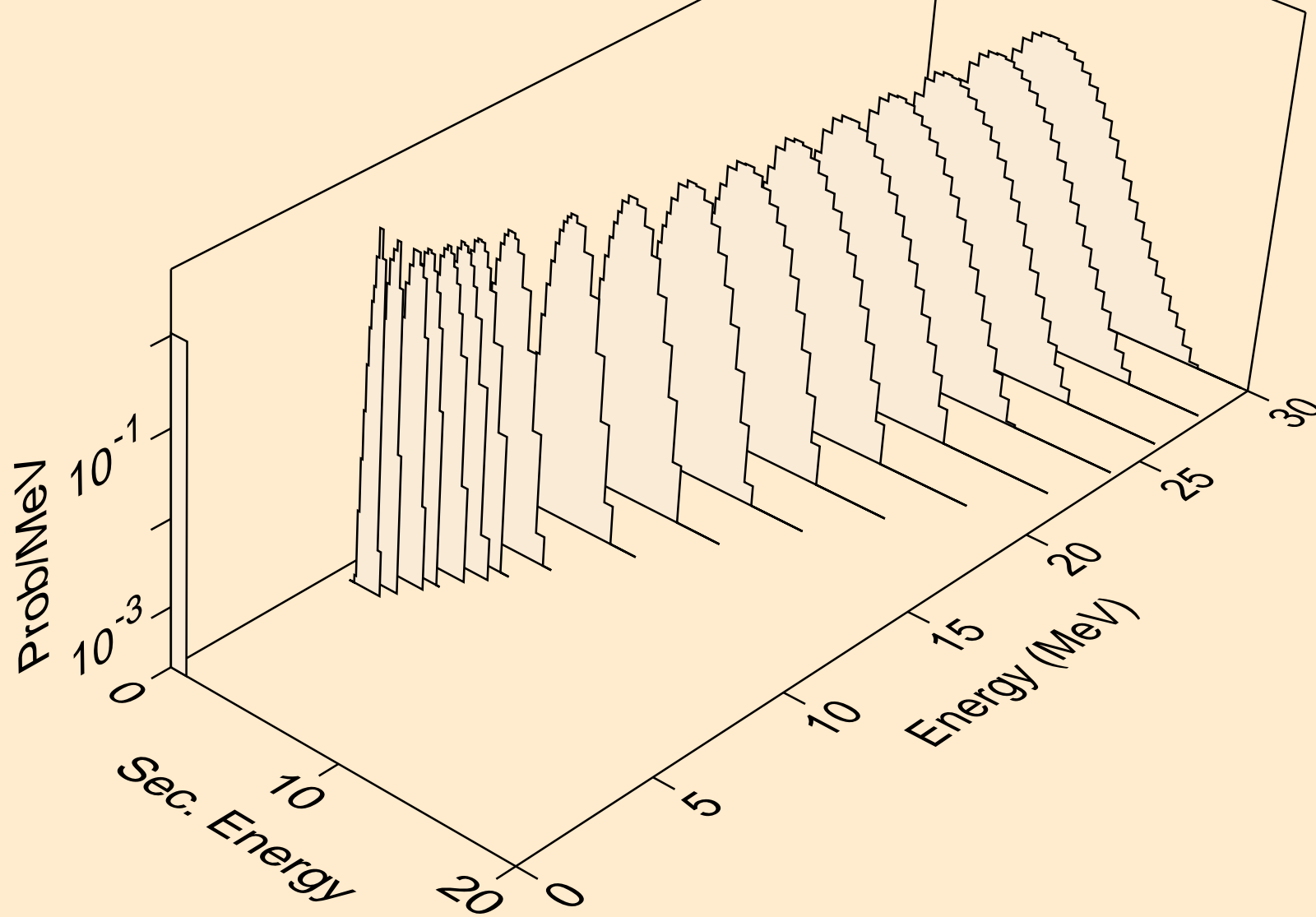
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protons from (n,3np)



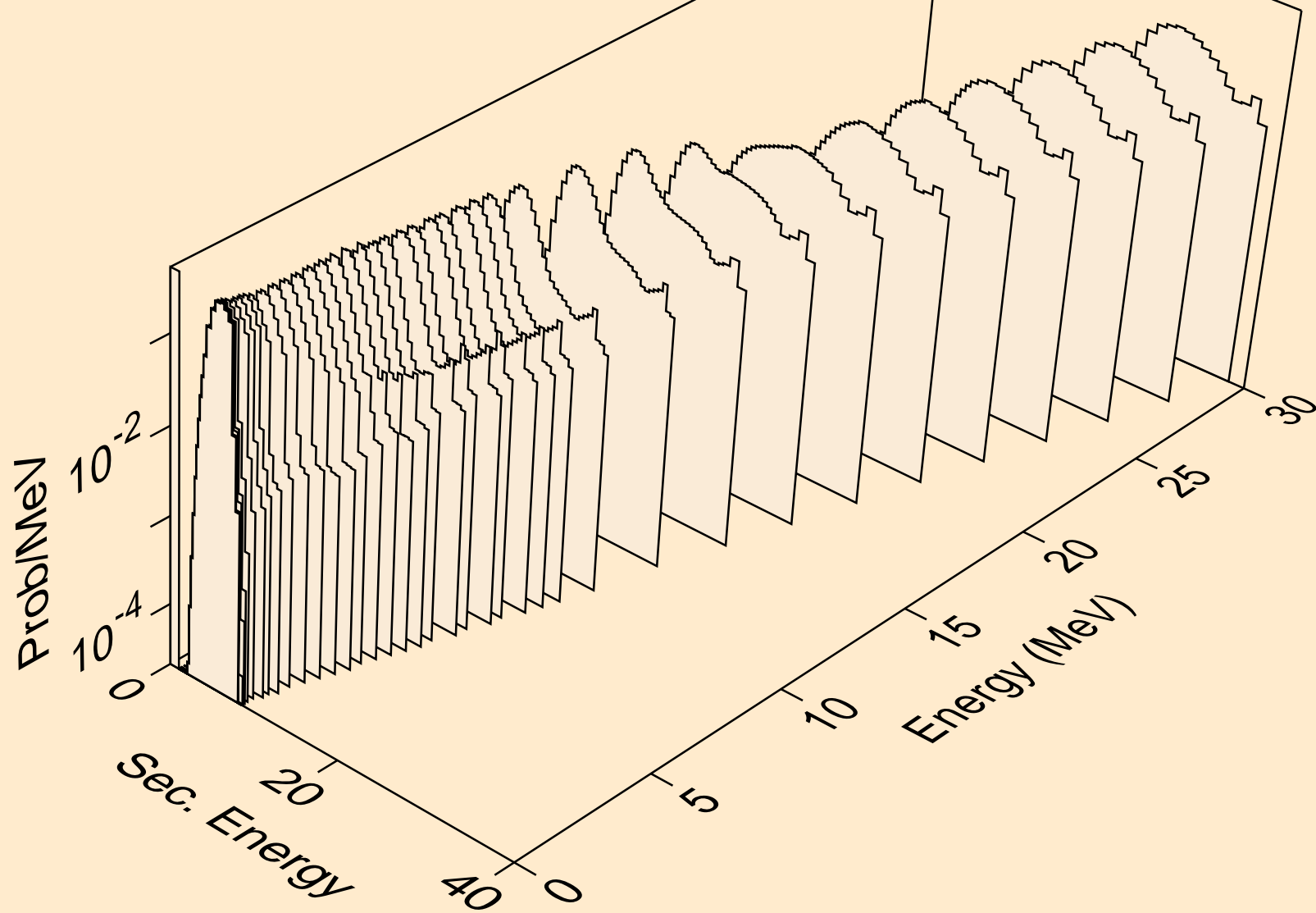
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protons from (n,n2p)



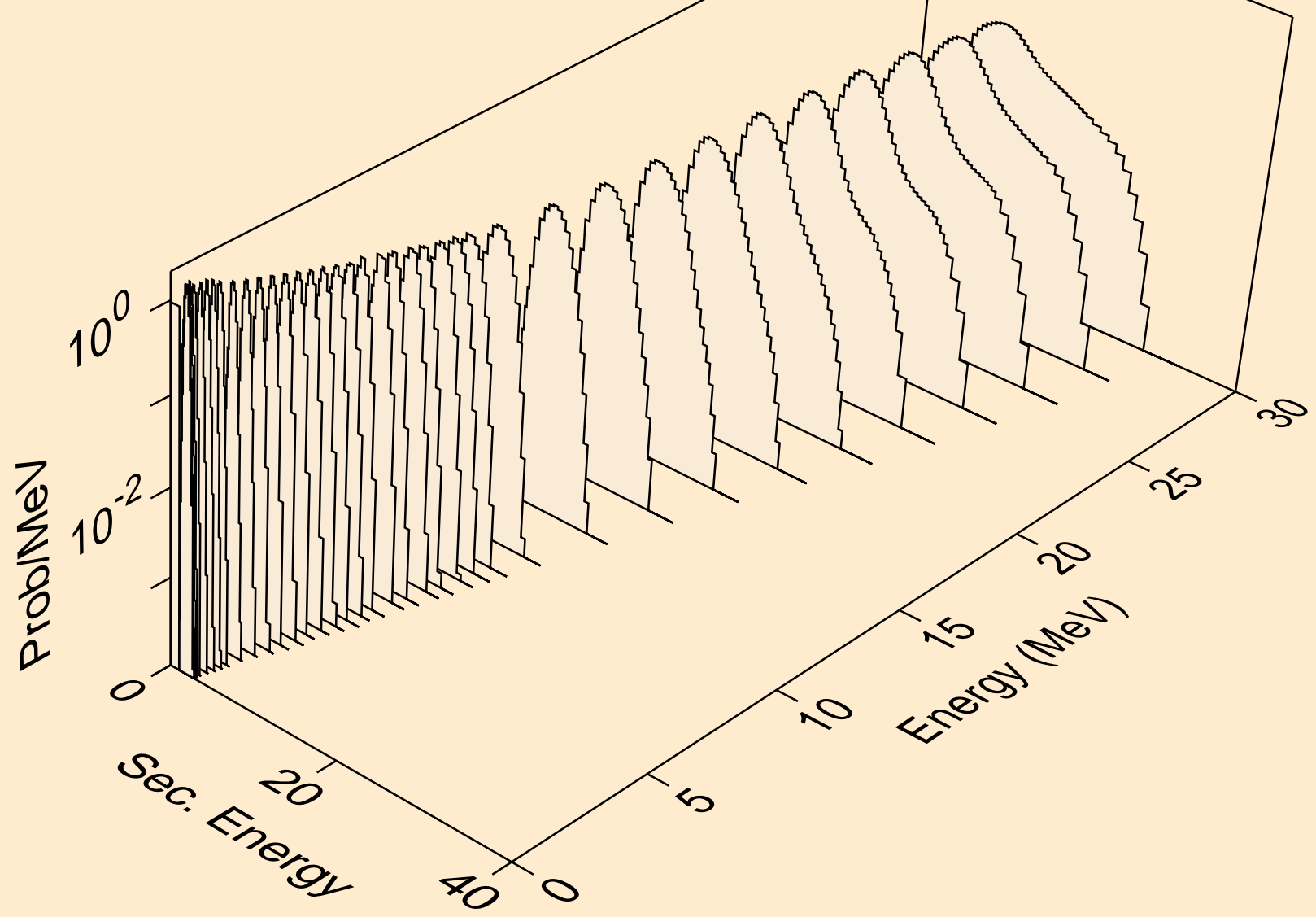
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protons from (n,npa)



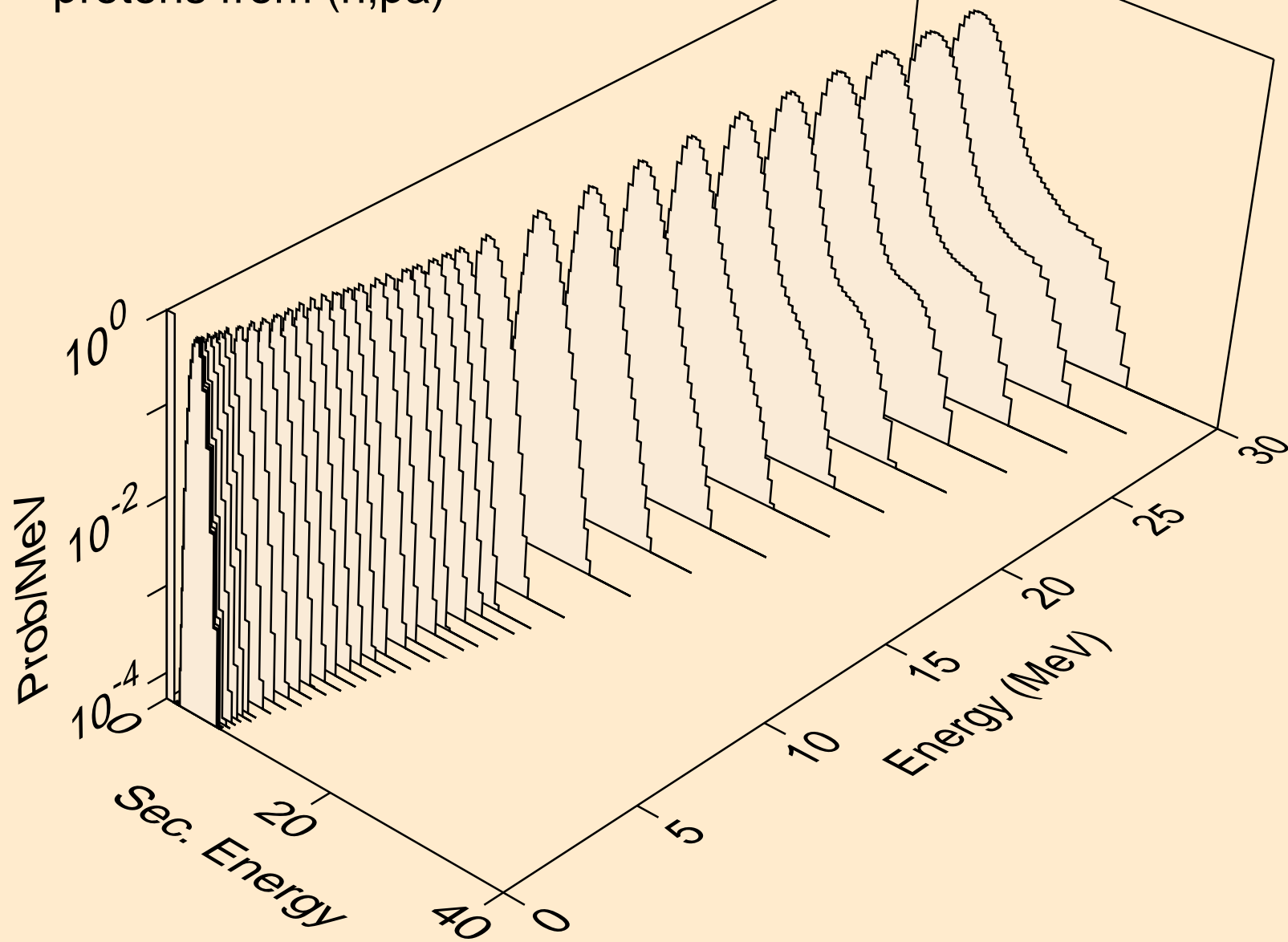
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protons from (n,p)



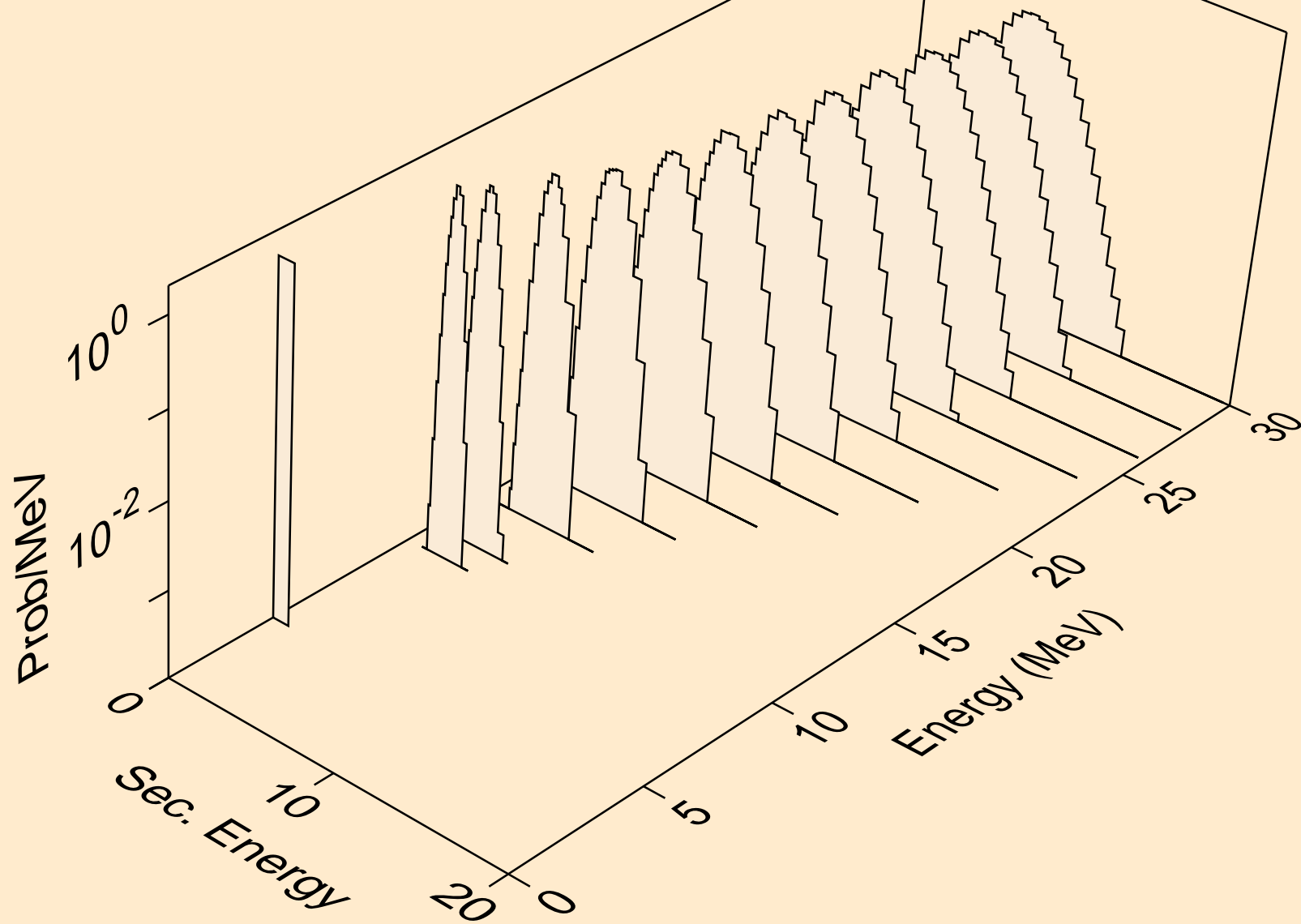
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protons from (n,2p)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

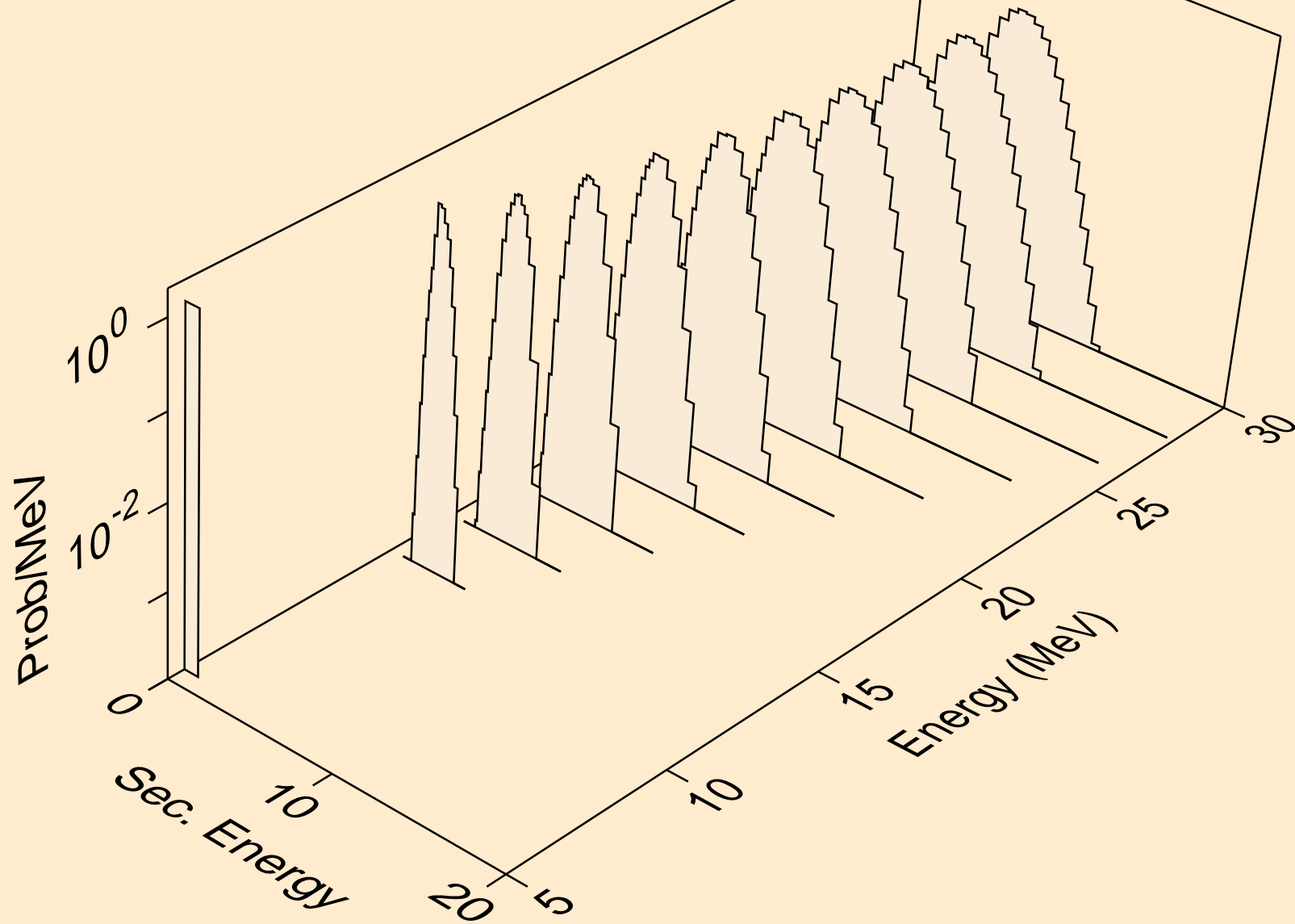


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protons from (n,pd)

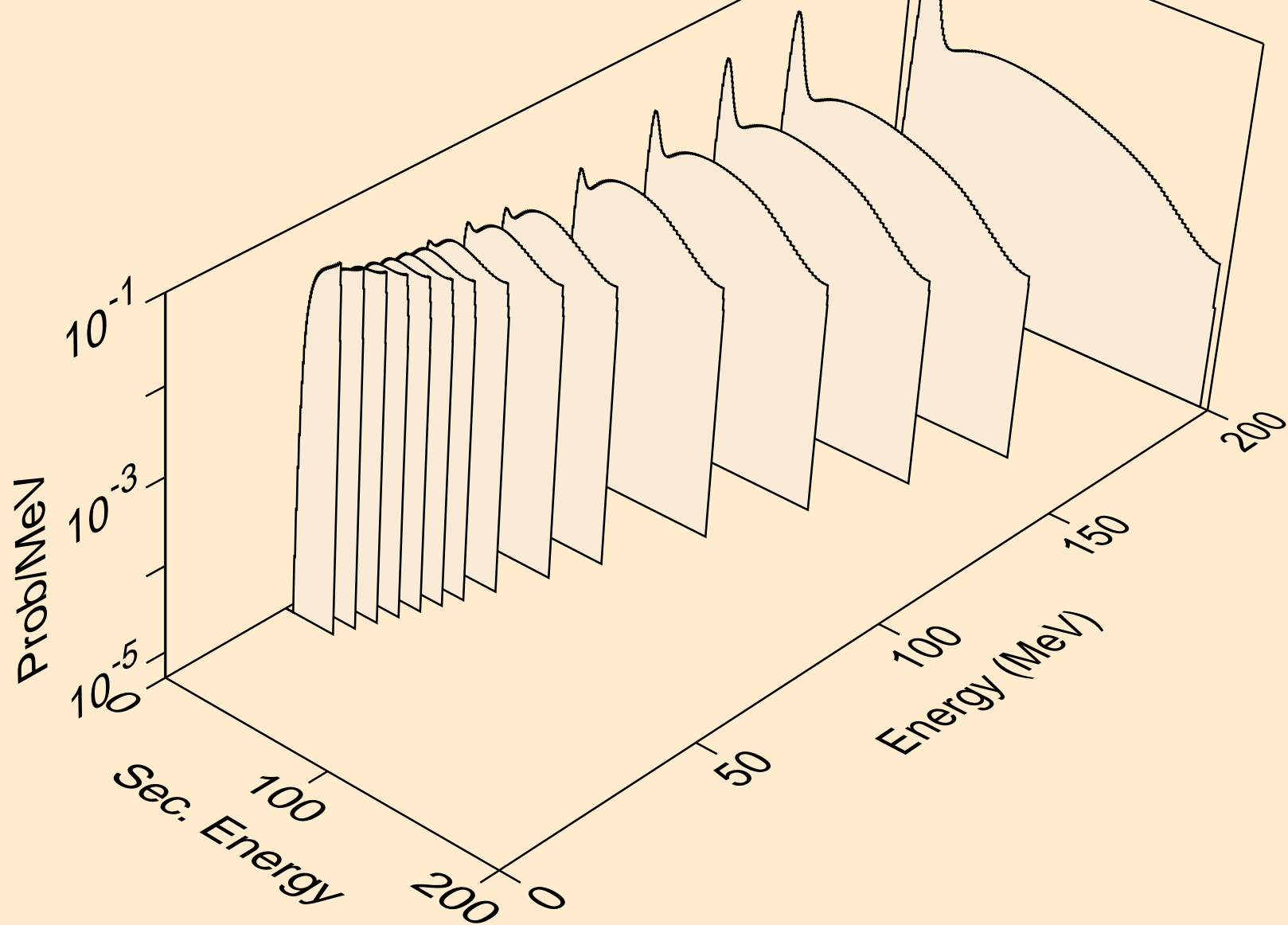




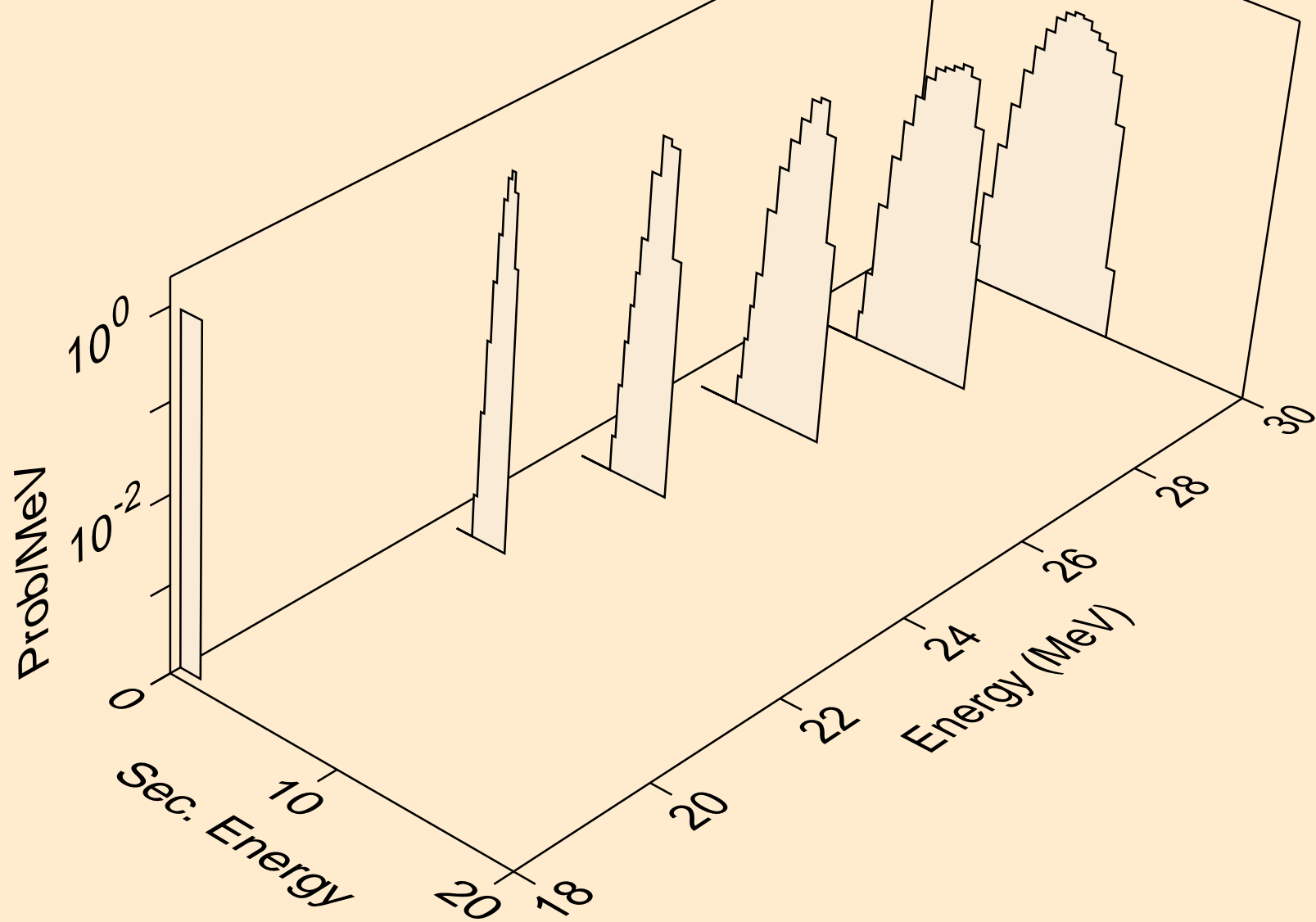
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protons from (n,pt)



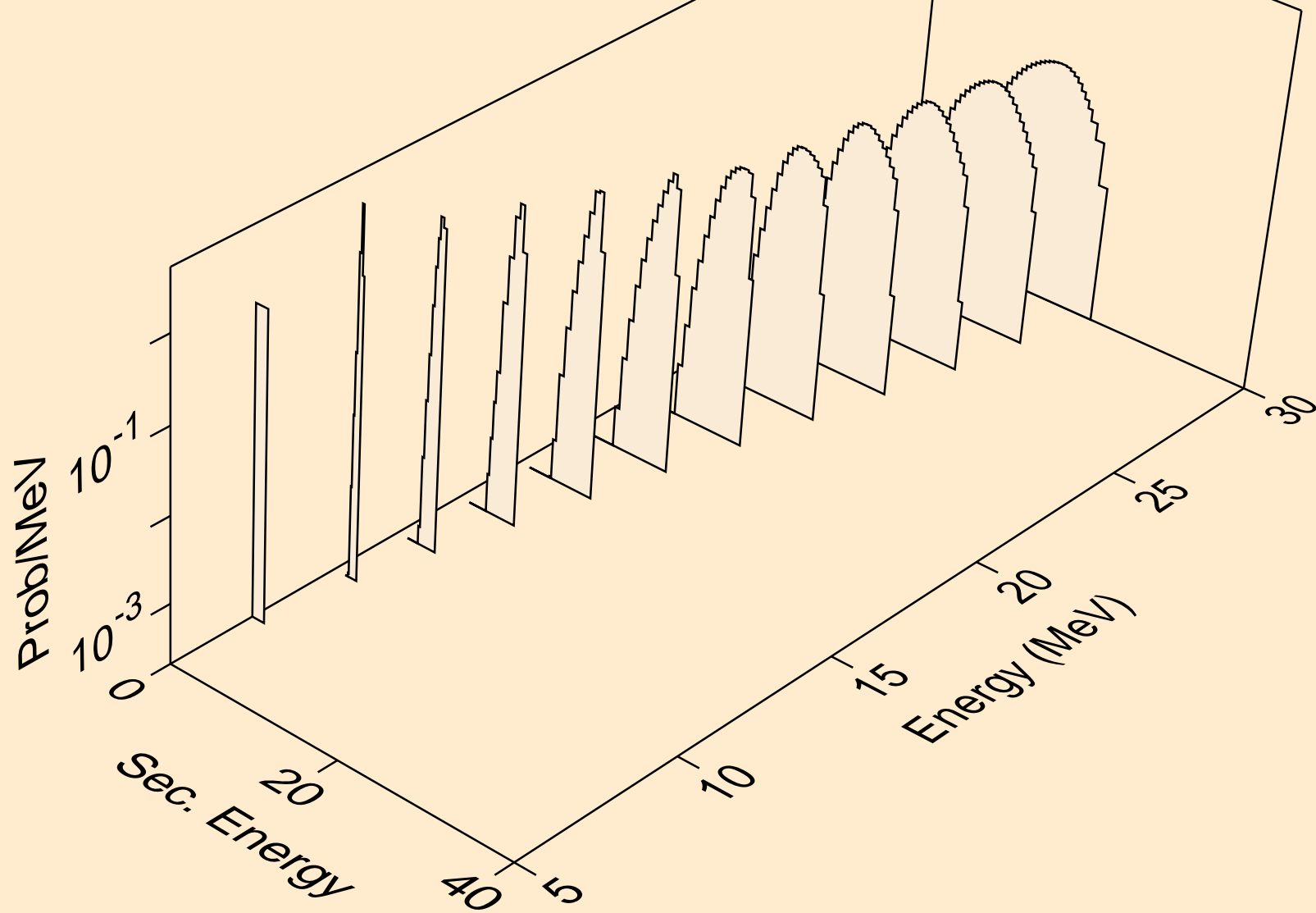
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deuterons from (n,x)



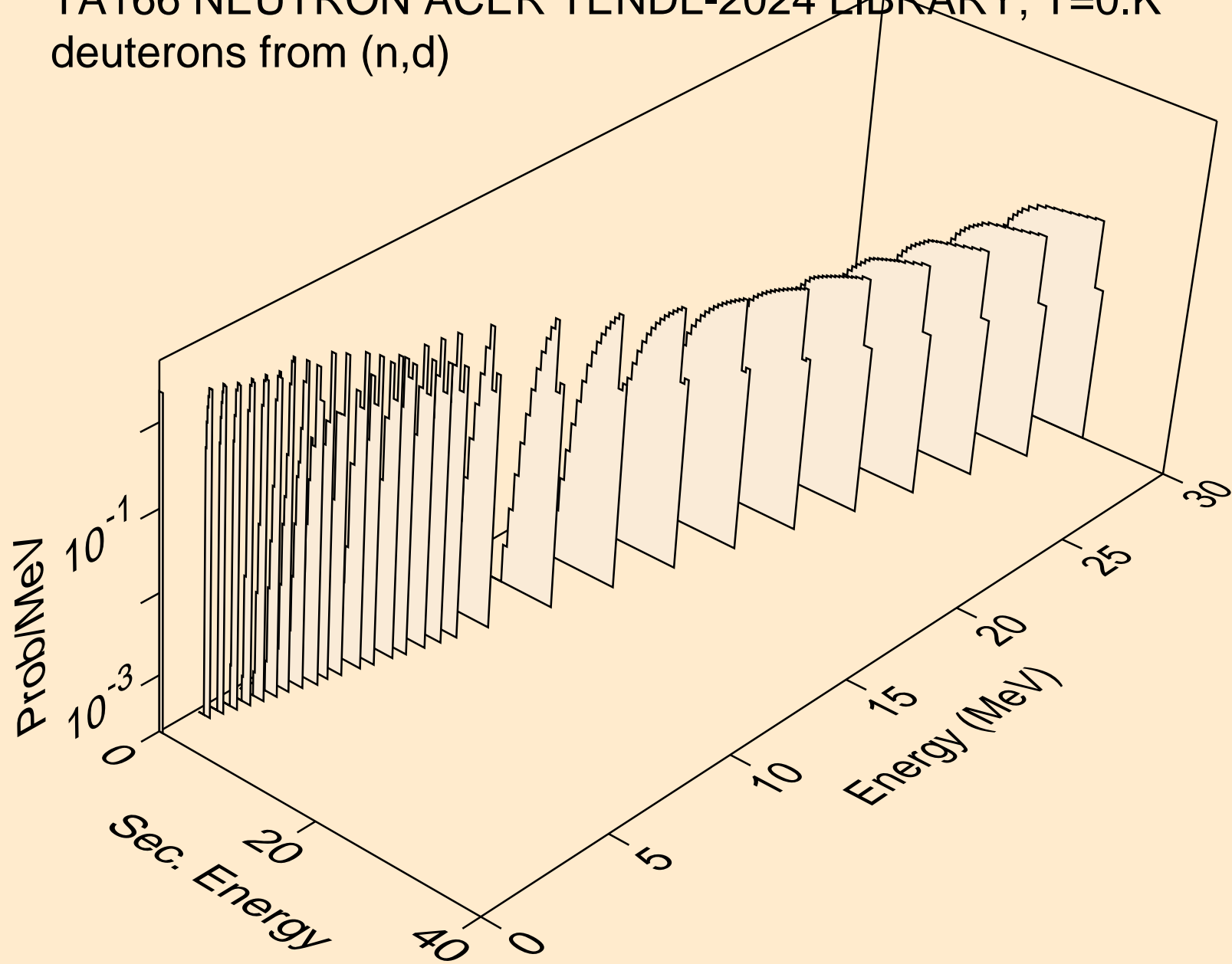
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deuterons from (n,2nd)



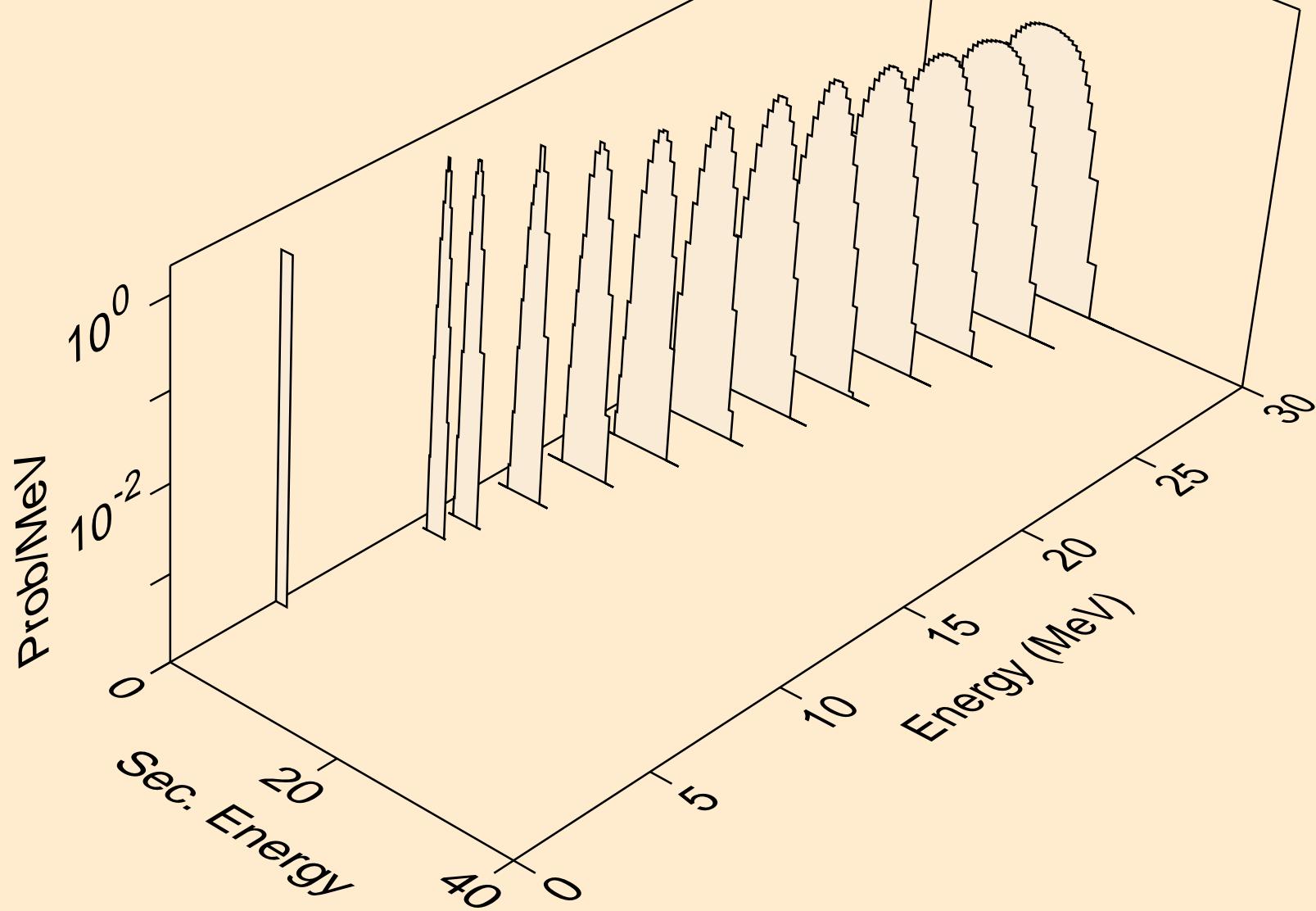
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



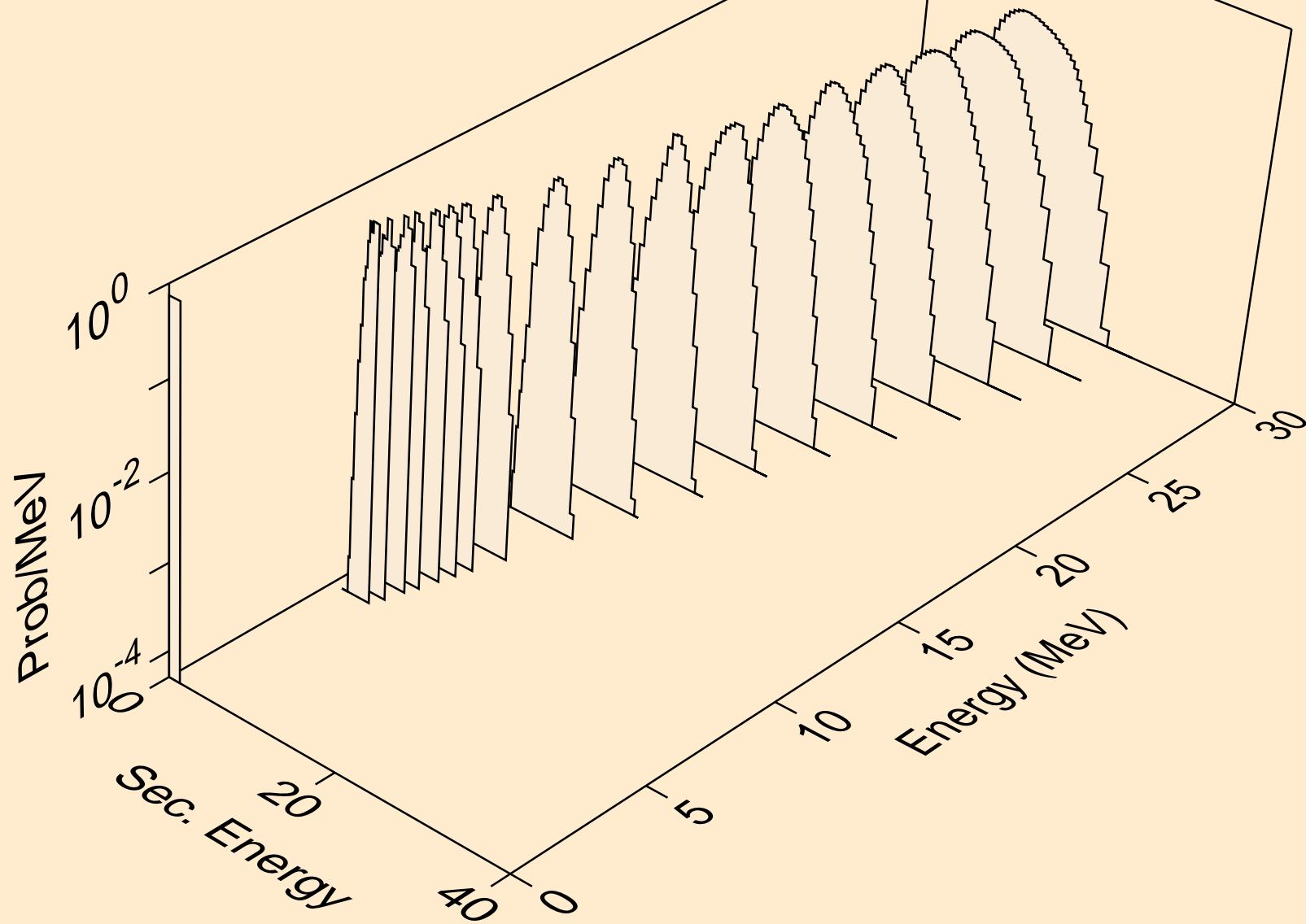
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deuterons from (n,d)



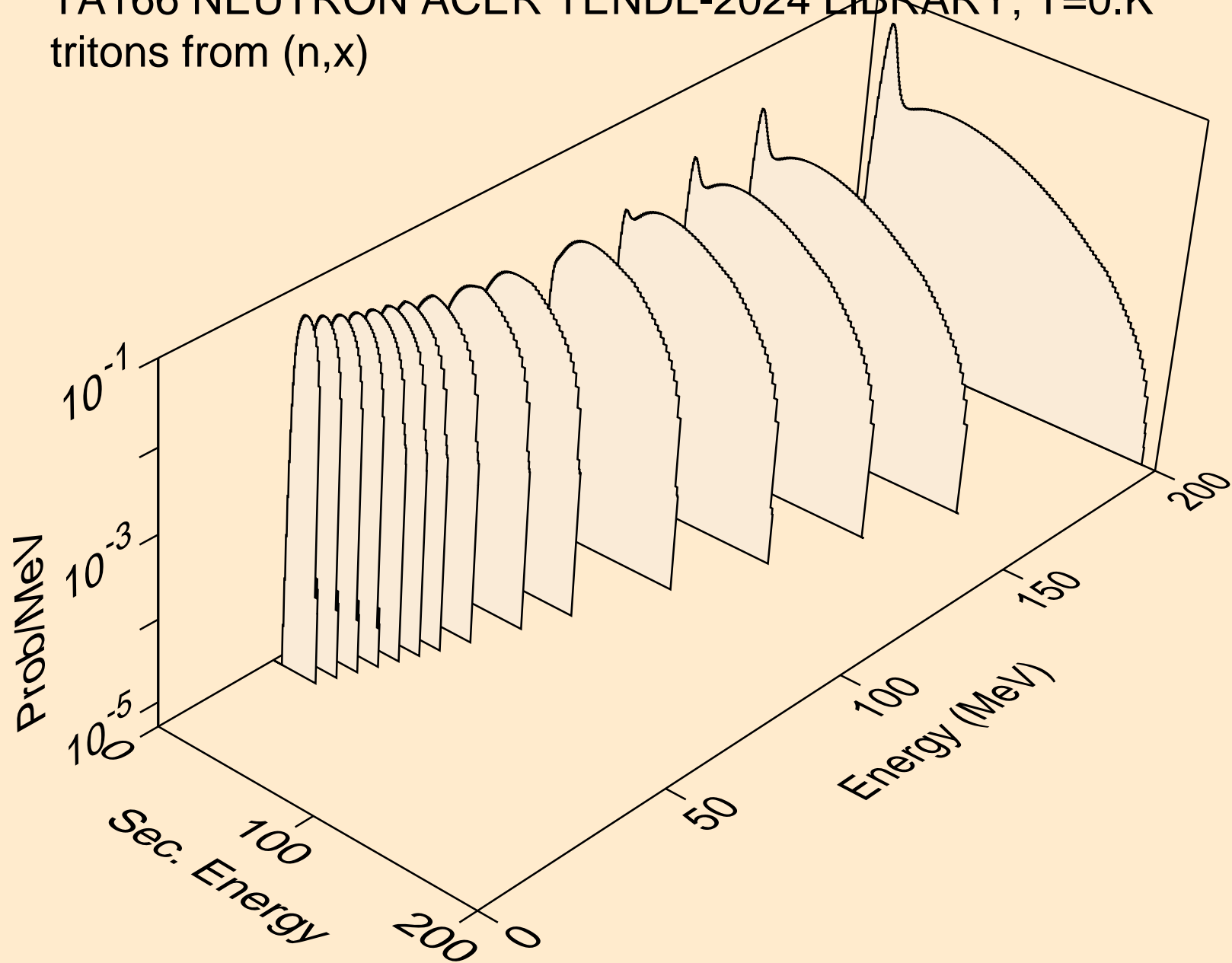
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deuterons from (n,pd)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

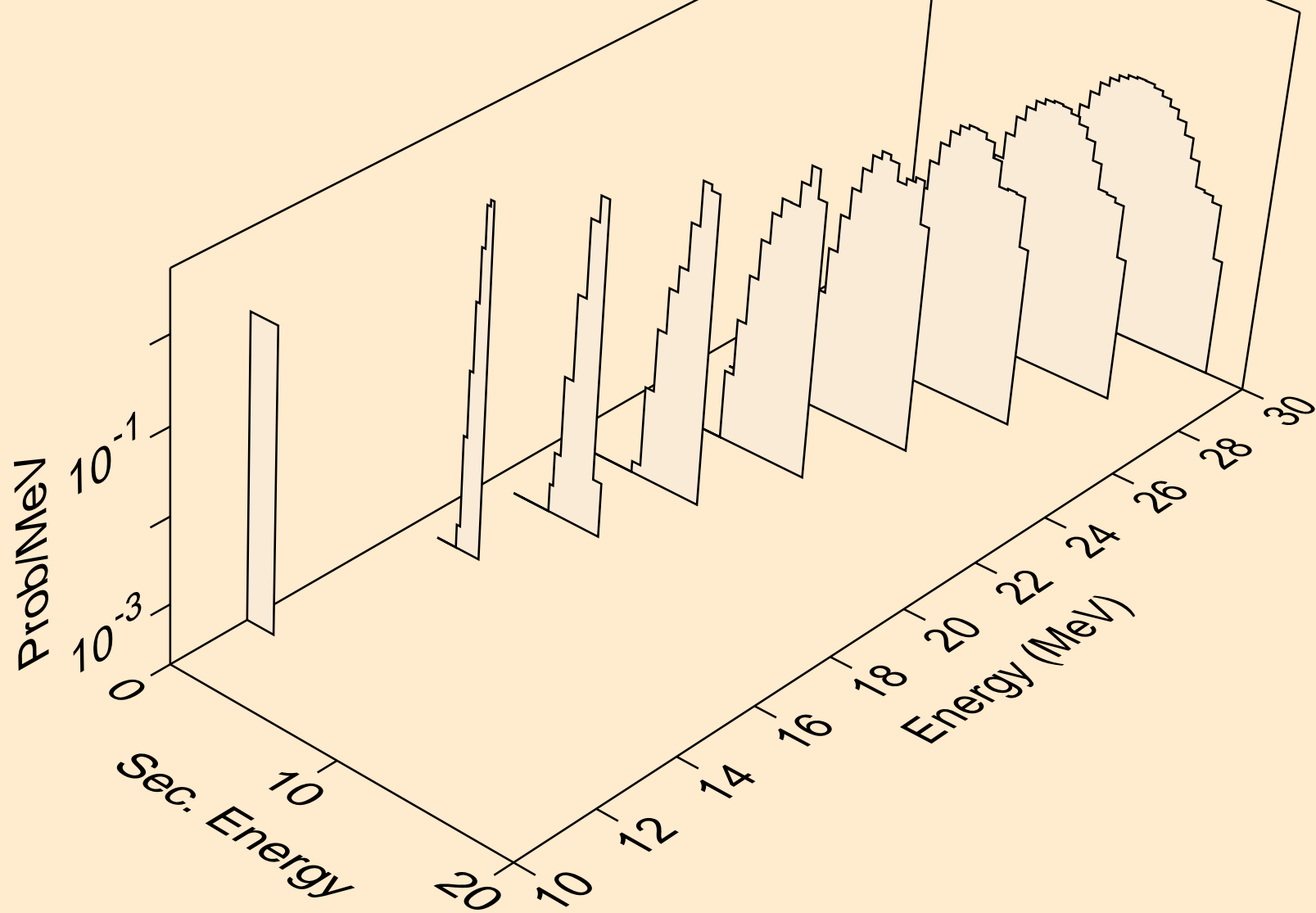


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

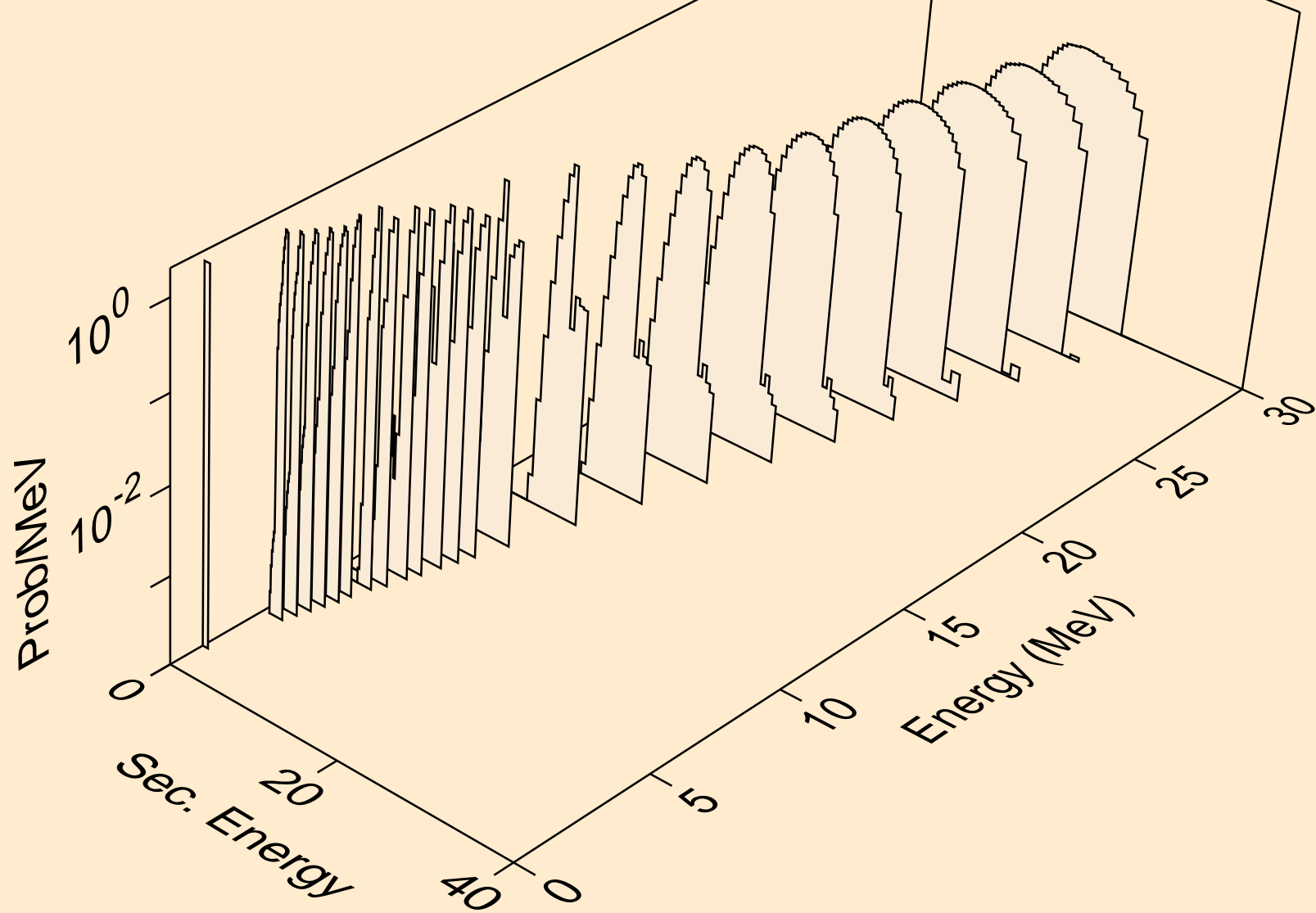




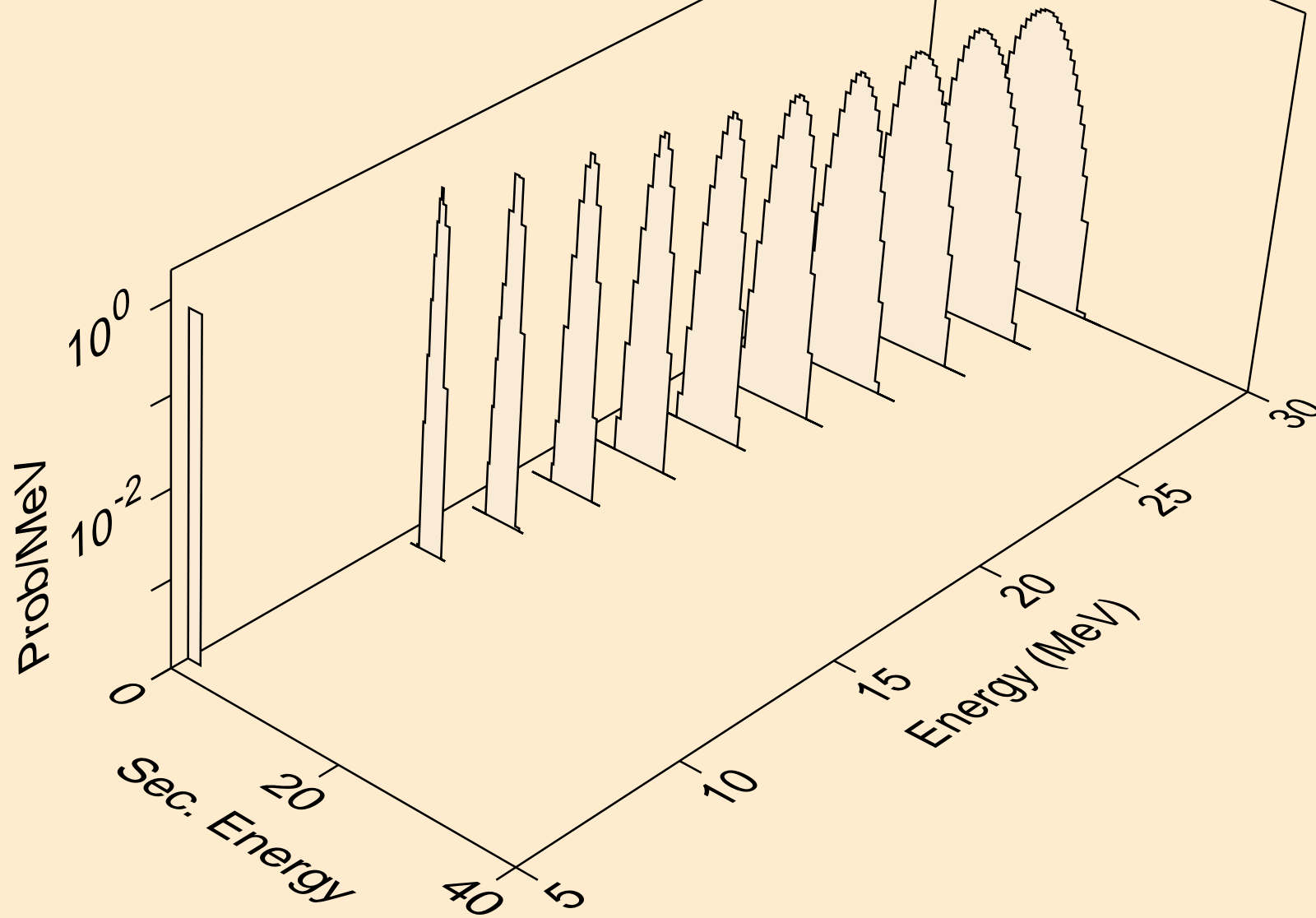
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tritons from (n,n\*)t



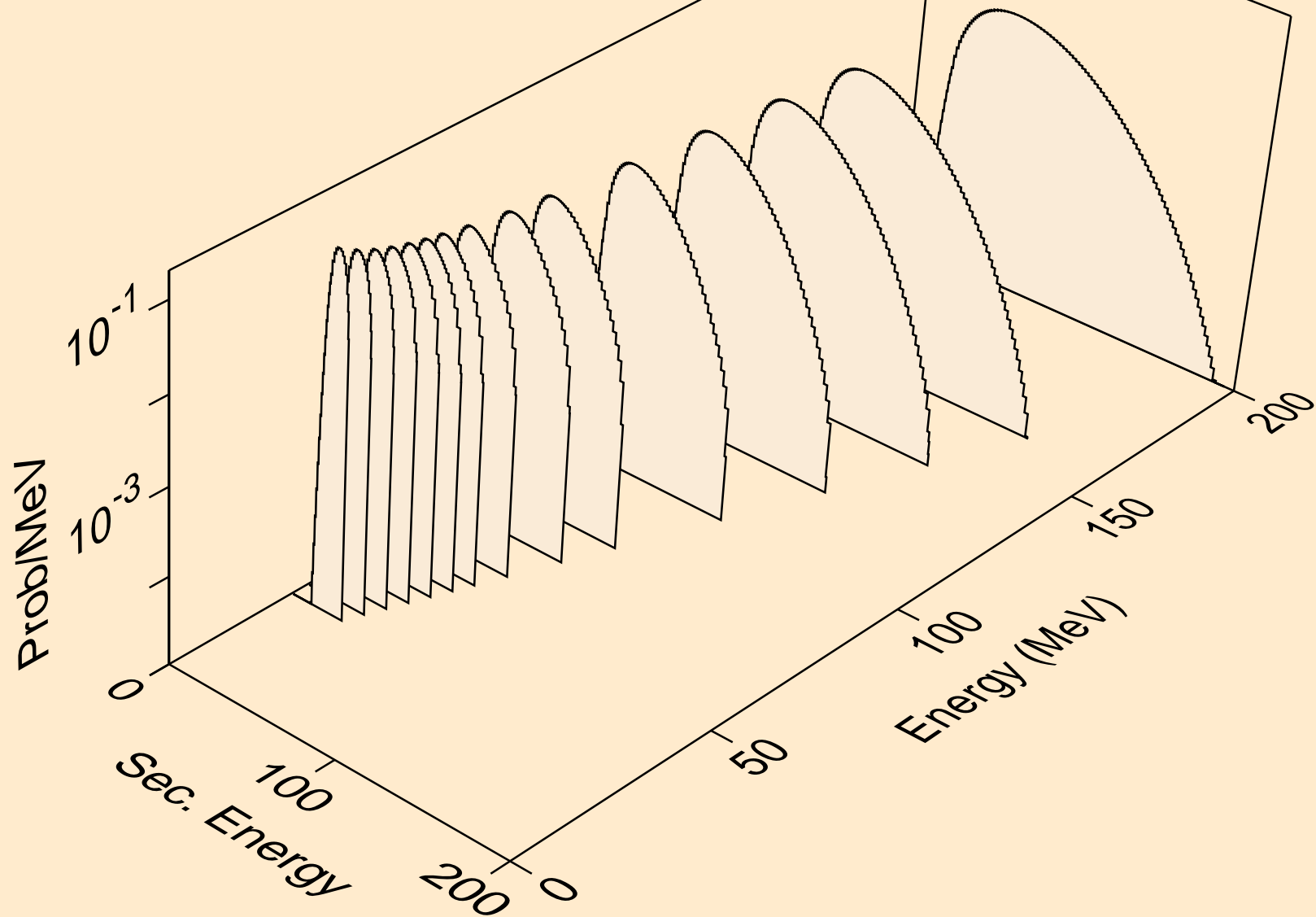
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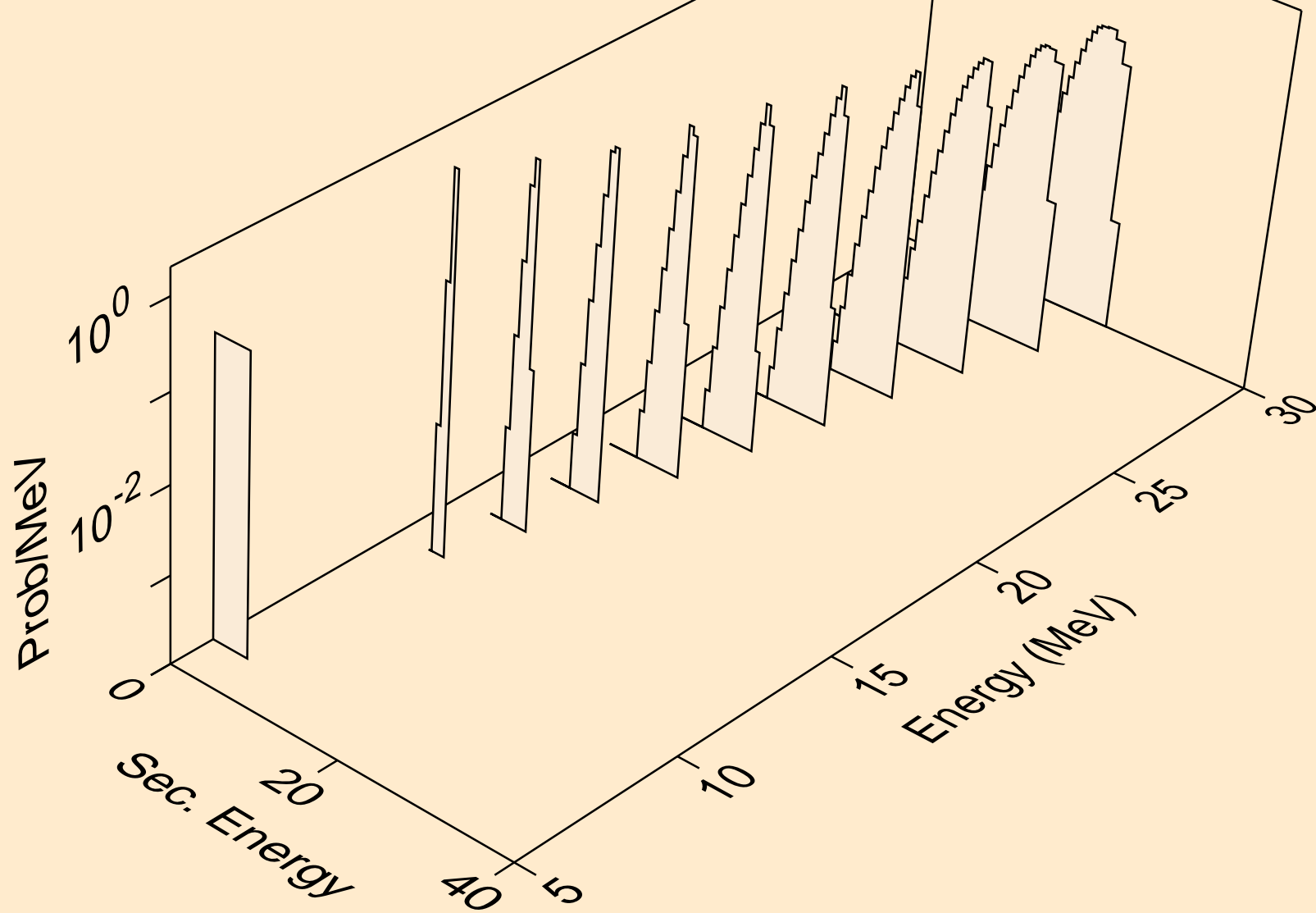
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tritons from (n,pt)



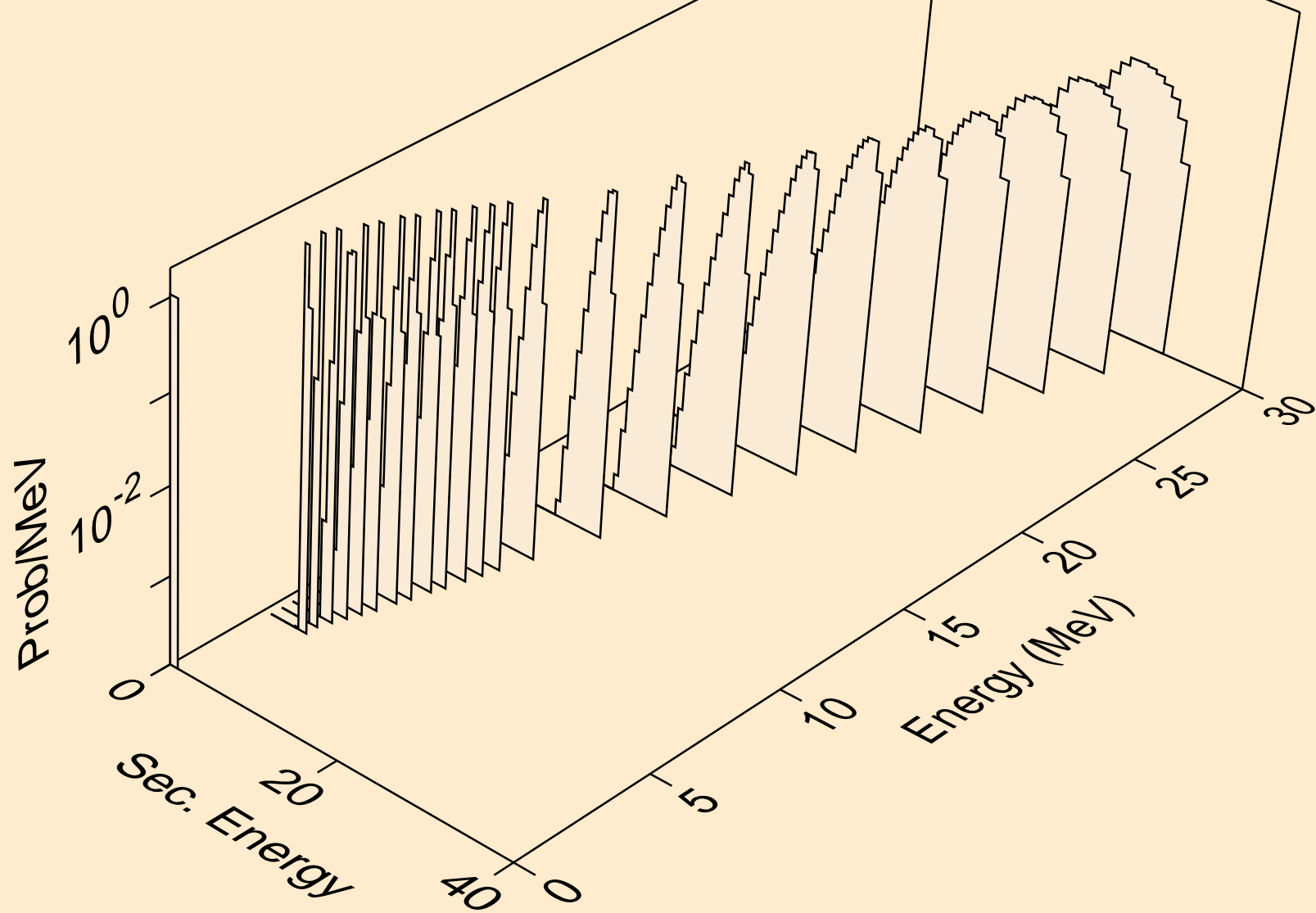
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he3s from (n,x)



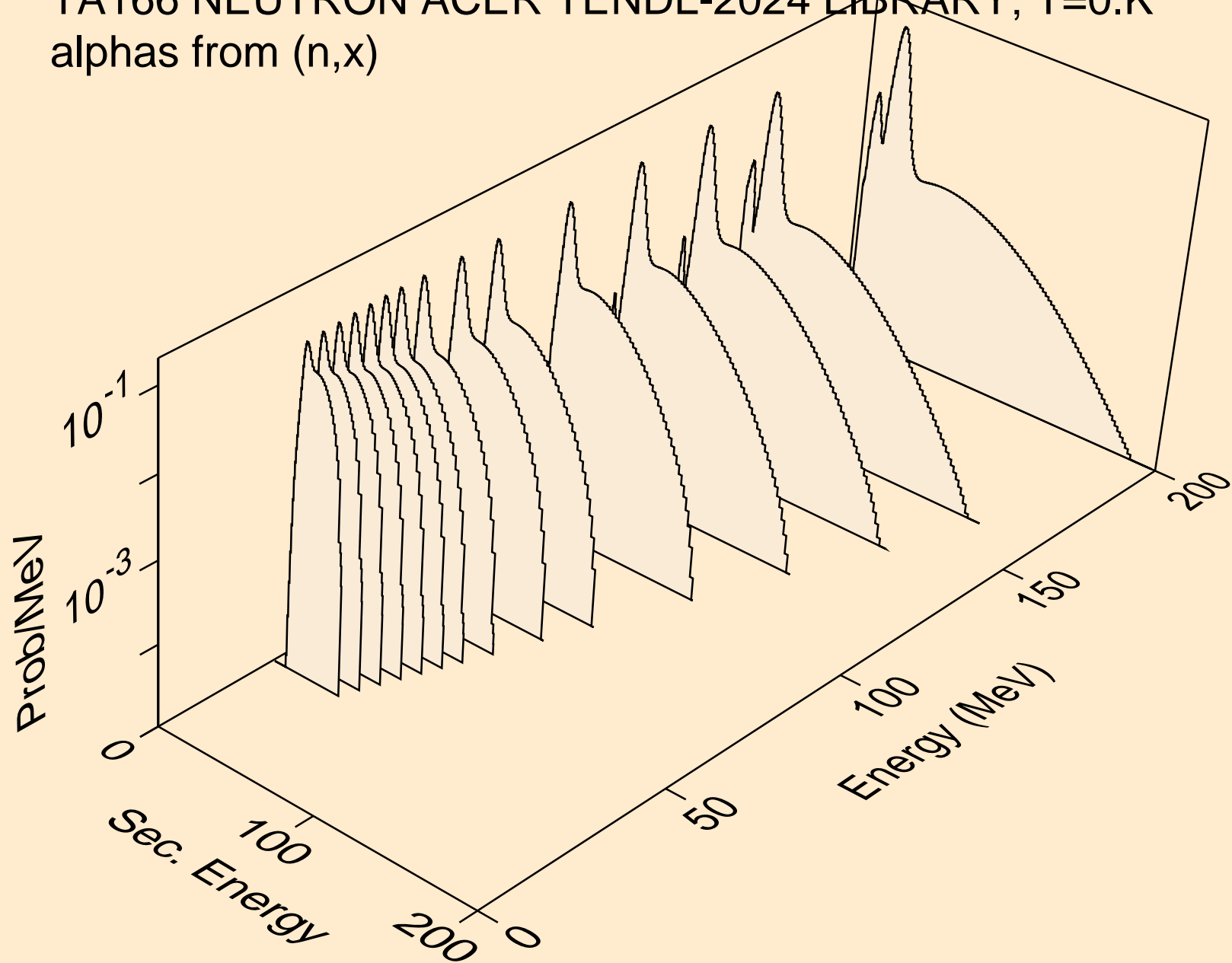
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he3s from (n,n\*)he3



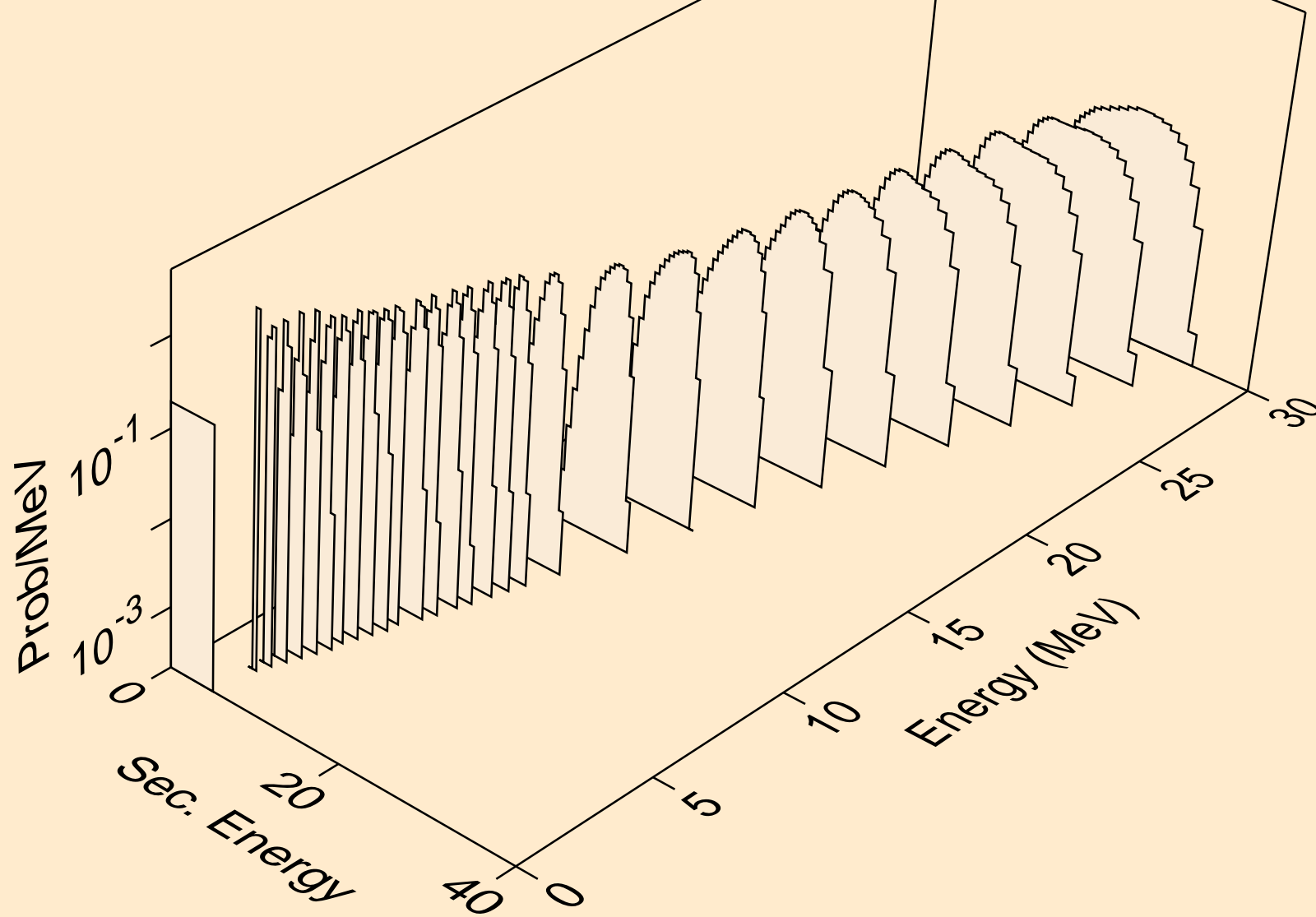
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

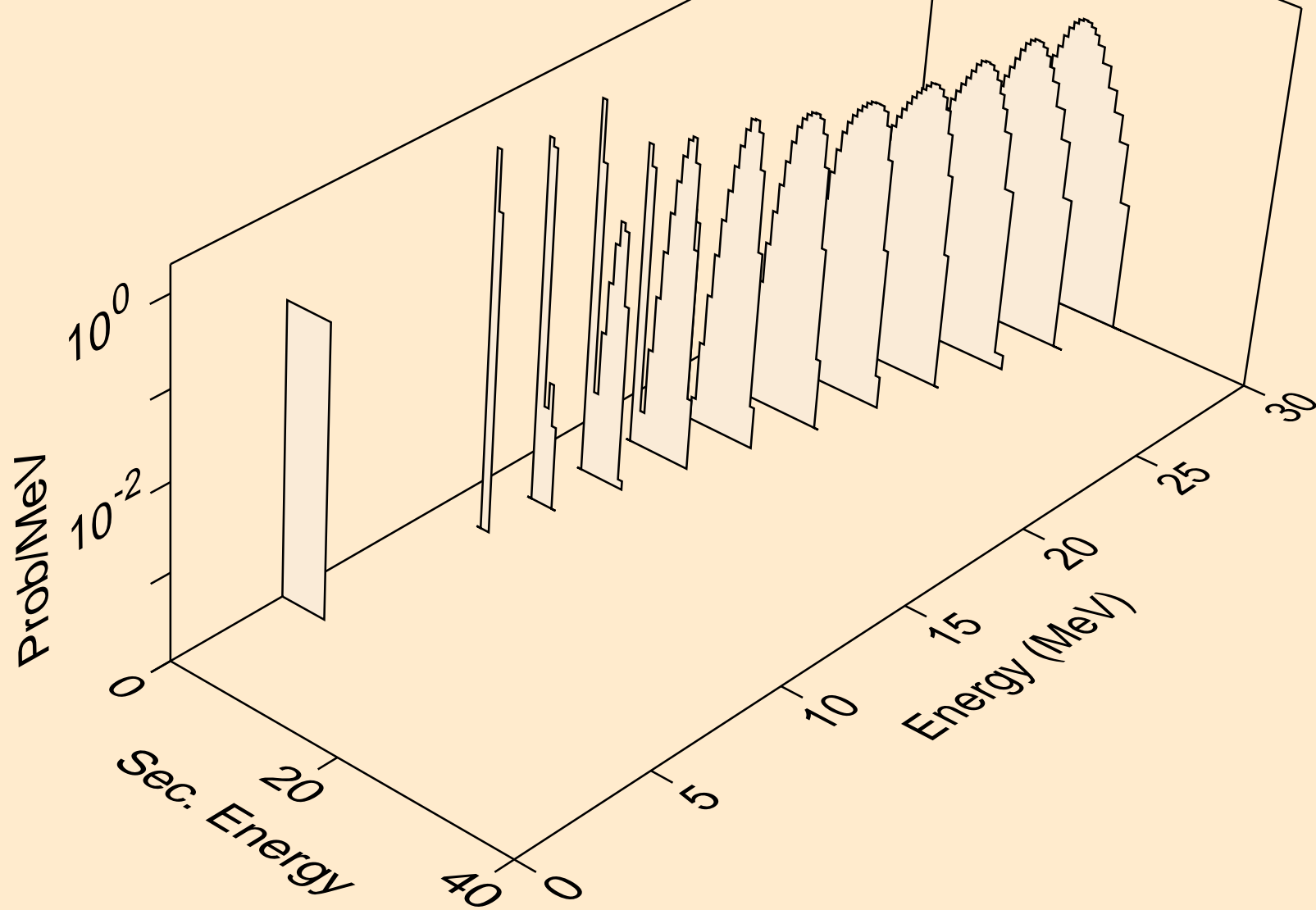


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alphas from (n,n\*)a

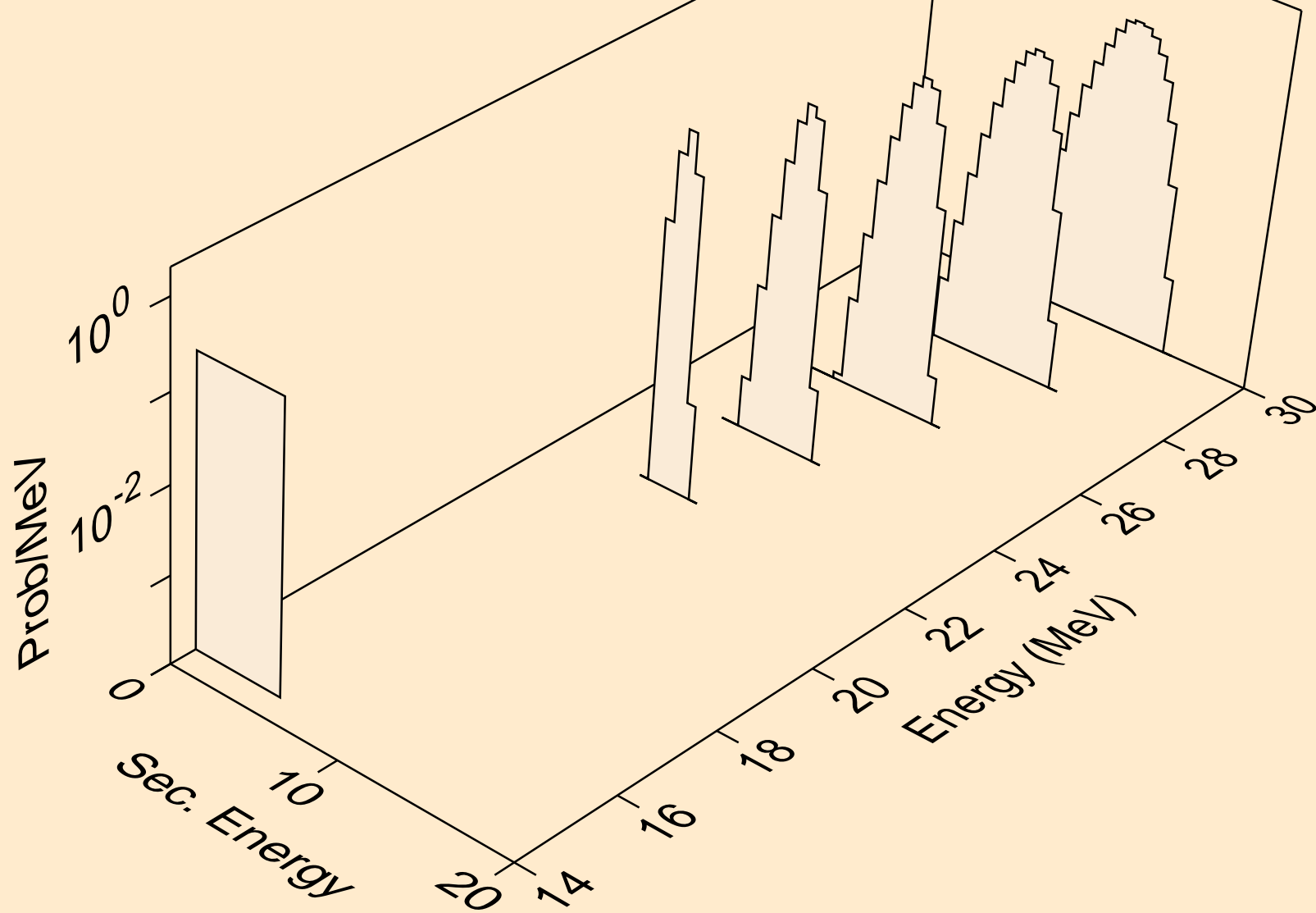




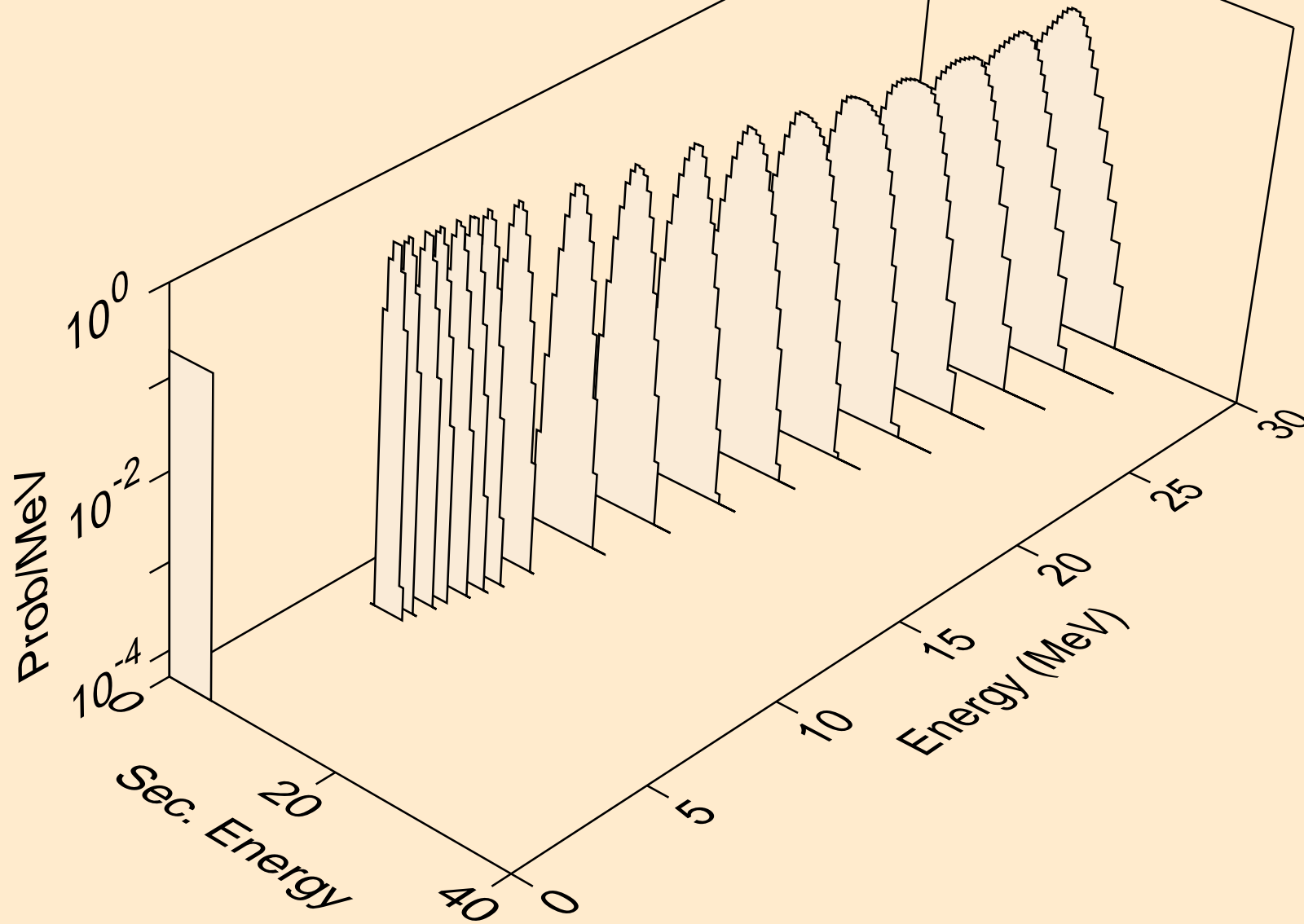
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alphas from (n,2n)a



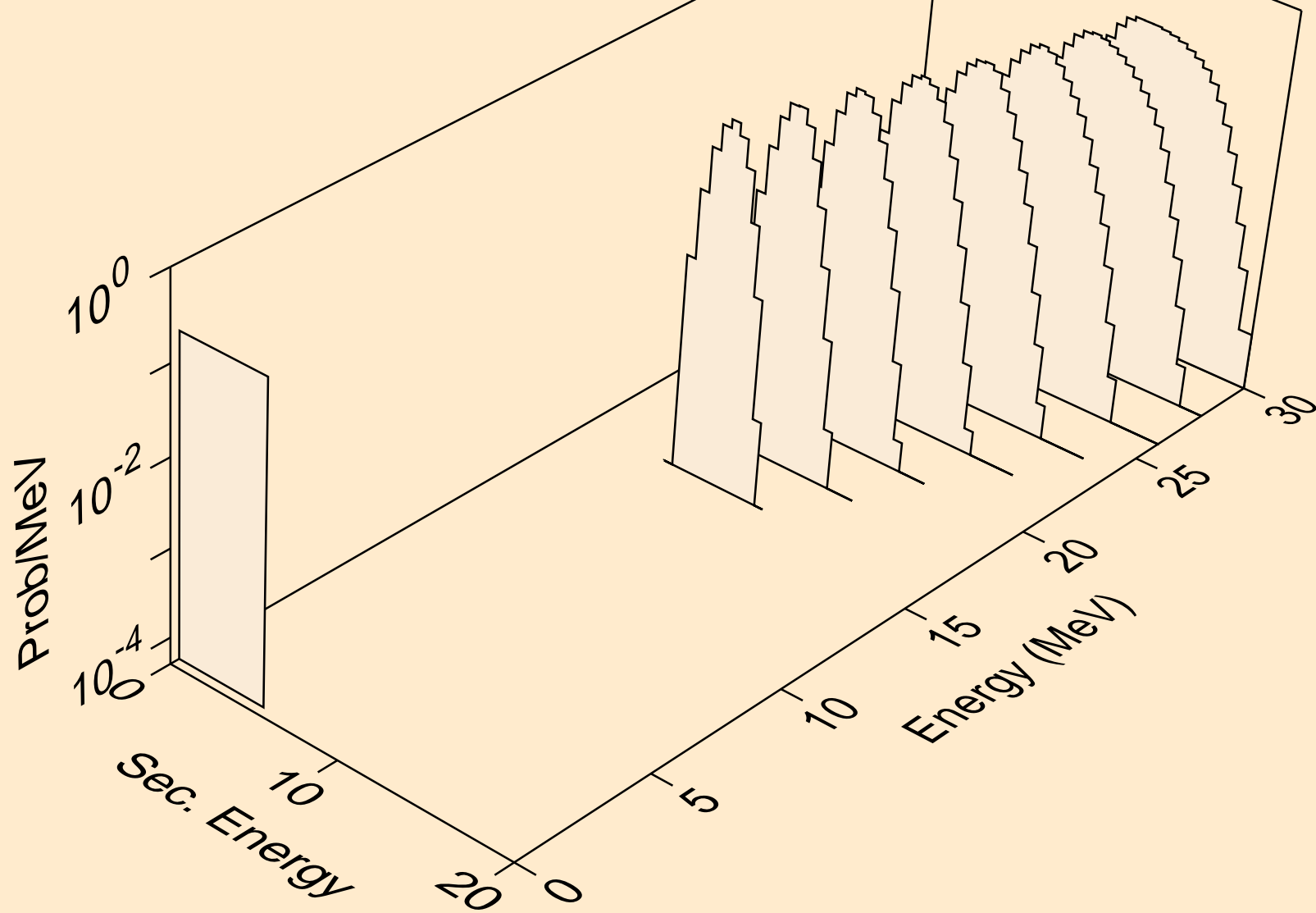
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alphas from (n,3n)a



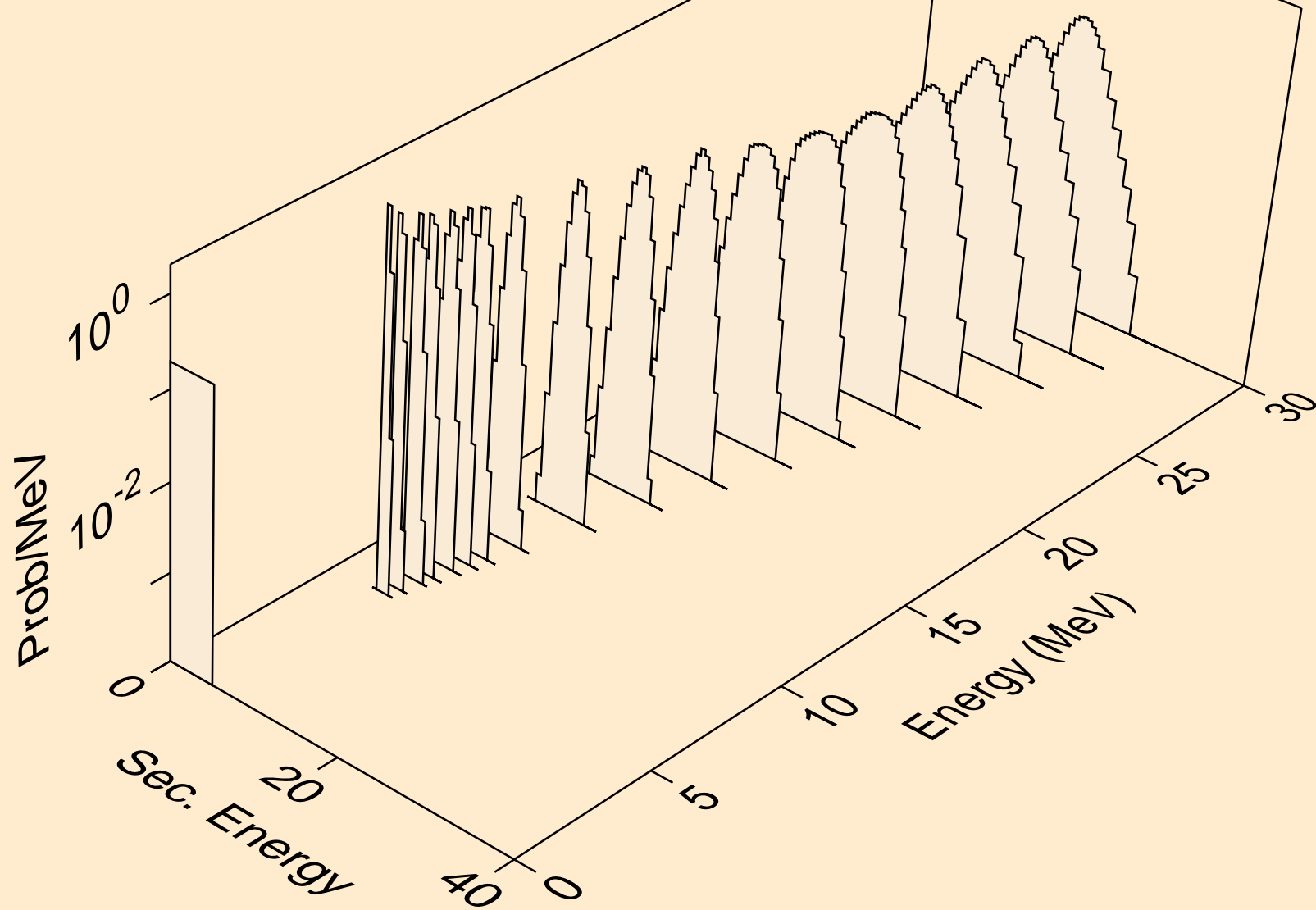
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alphas from (n,n\*)2a



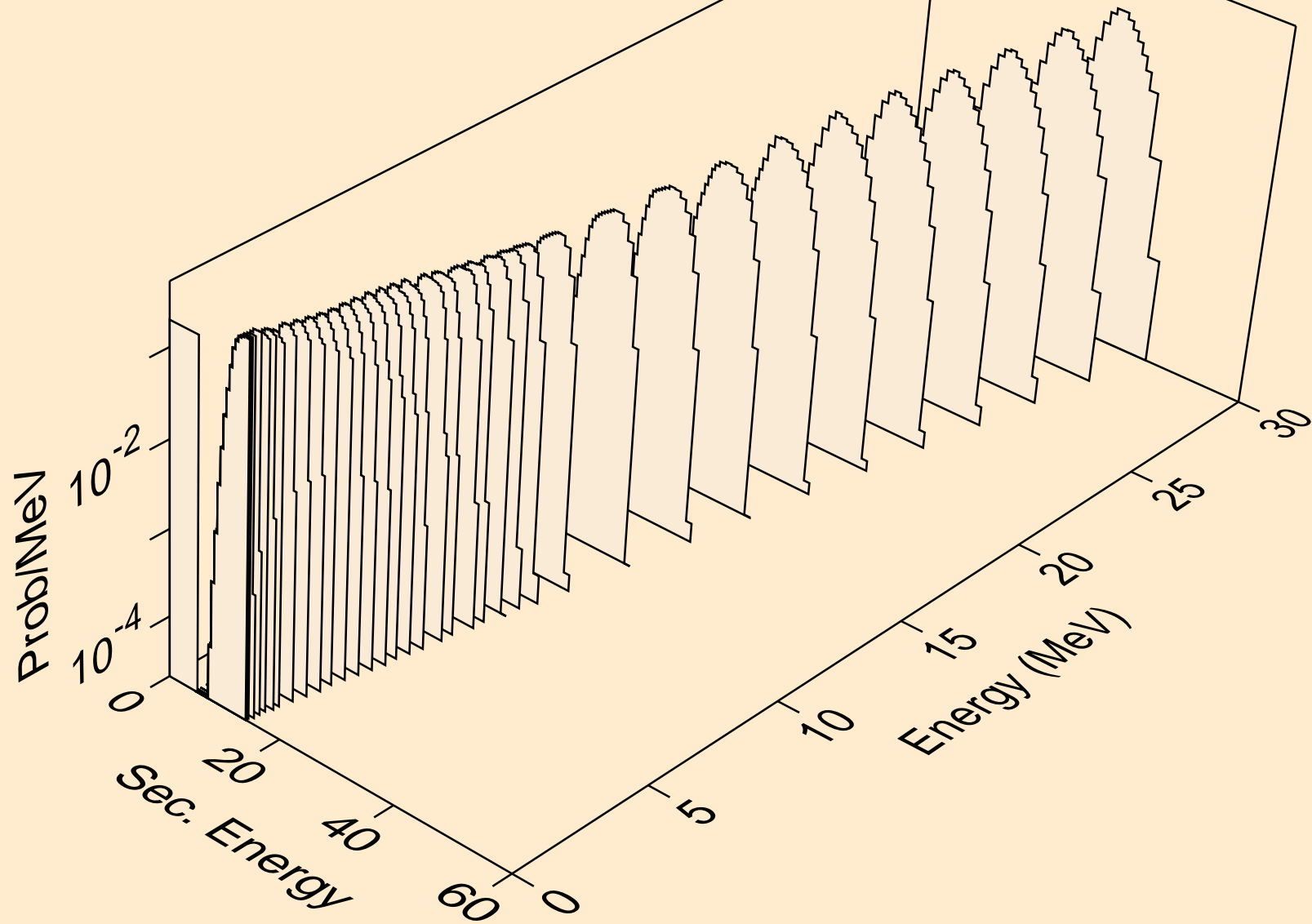
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alphas from (n,2n)2a



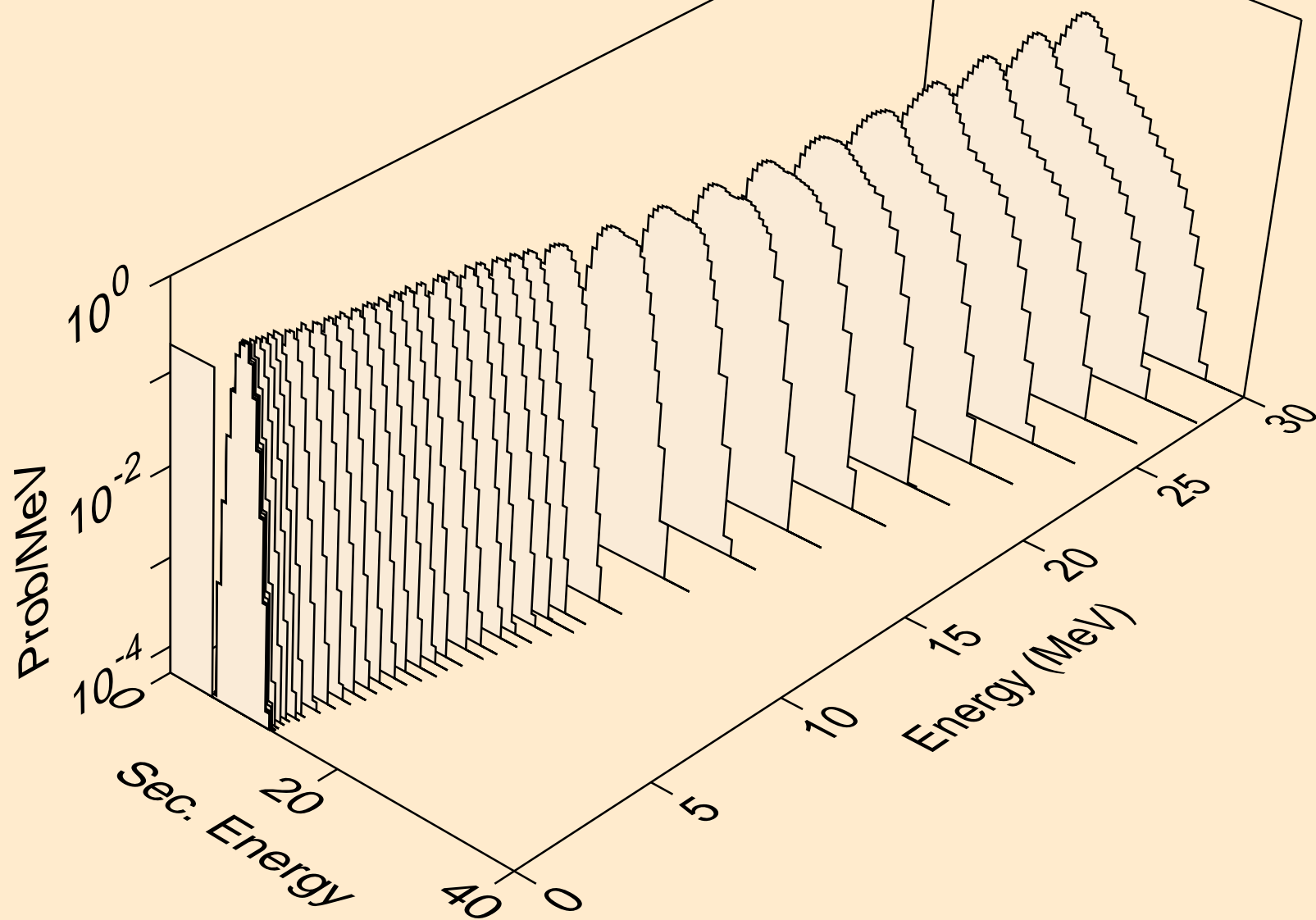
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



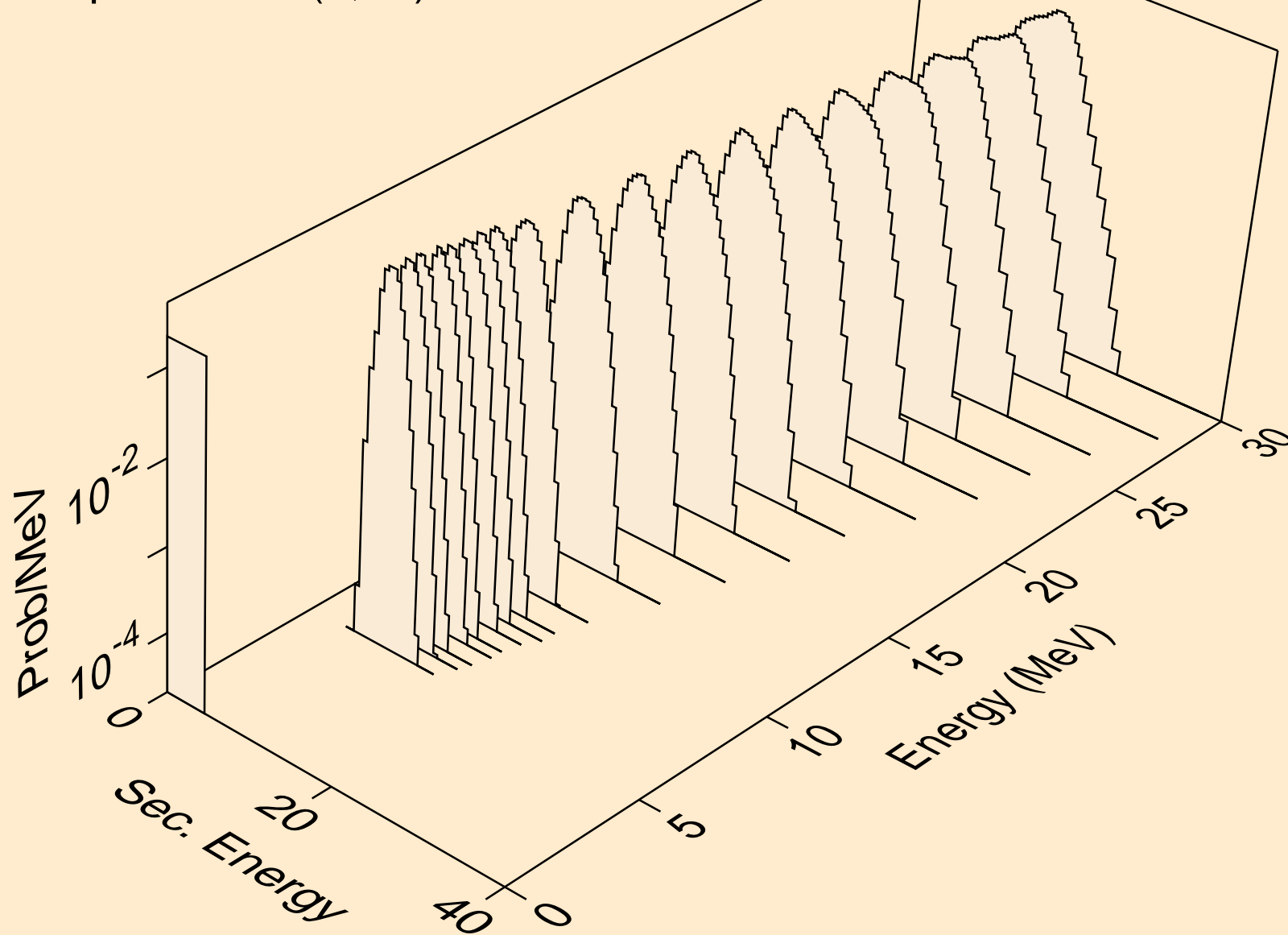
TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

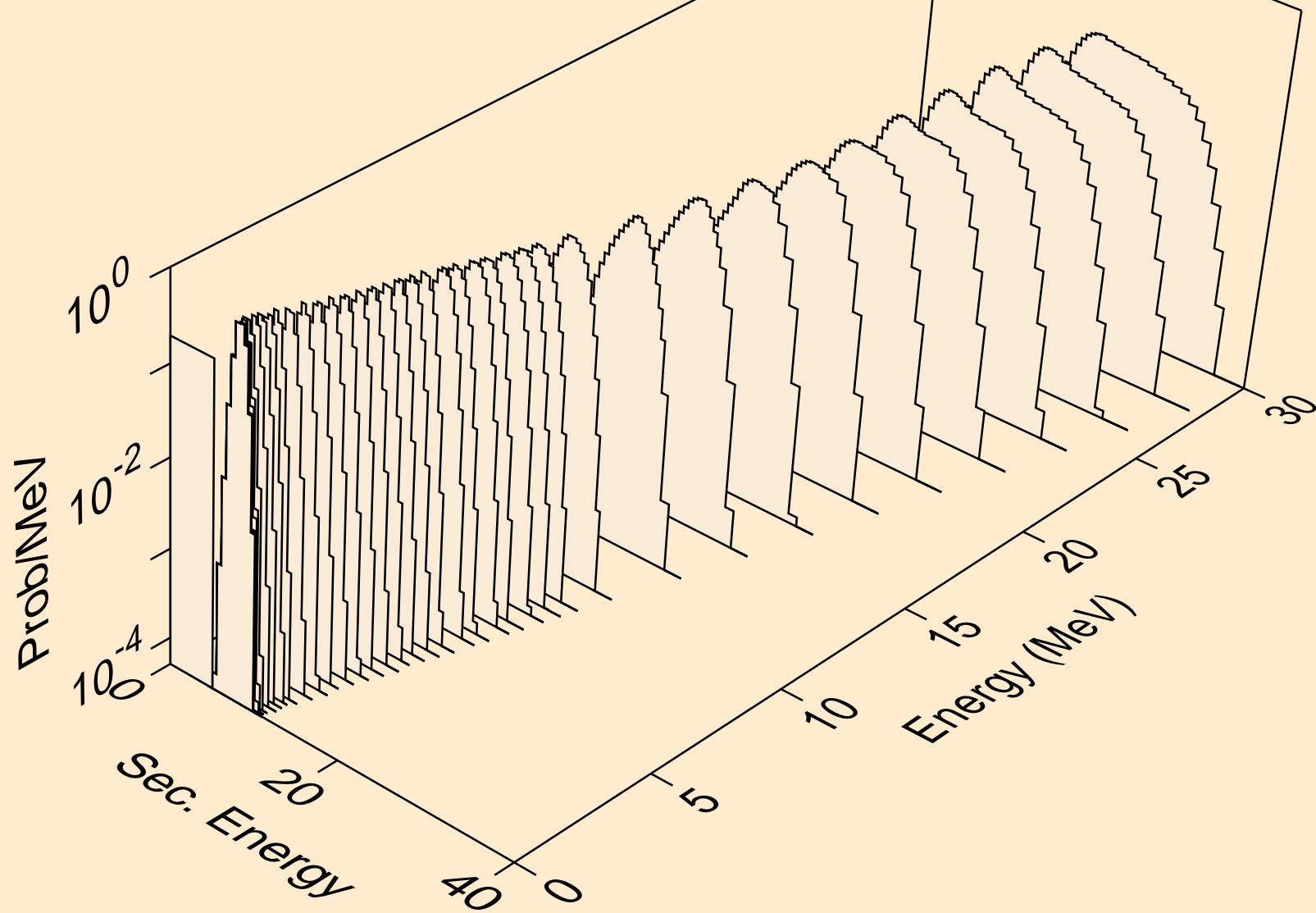


TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)





TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TA166 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

