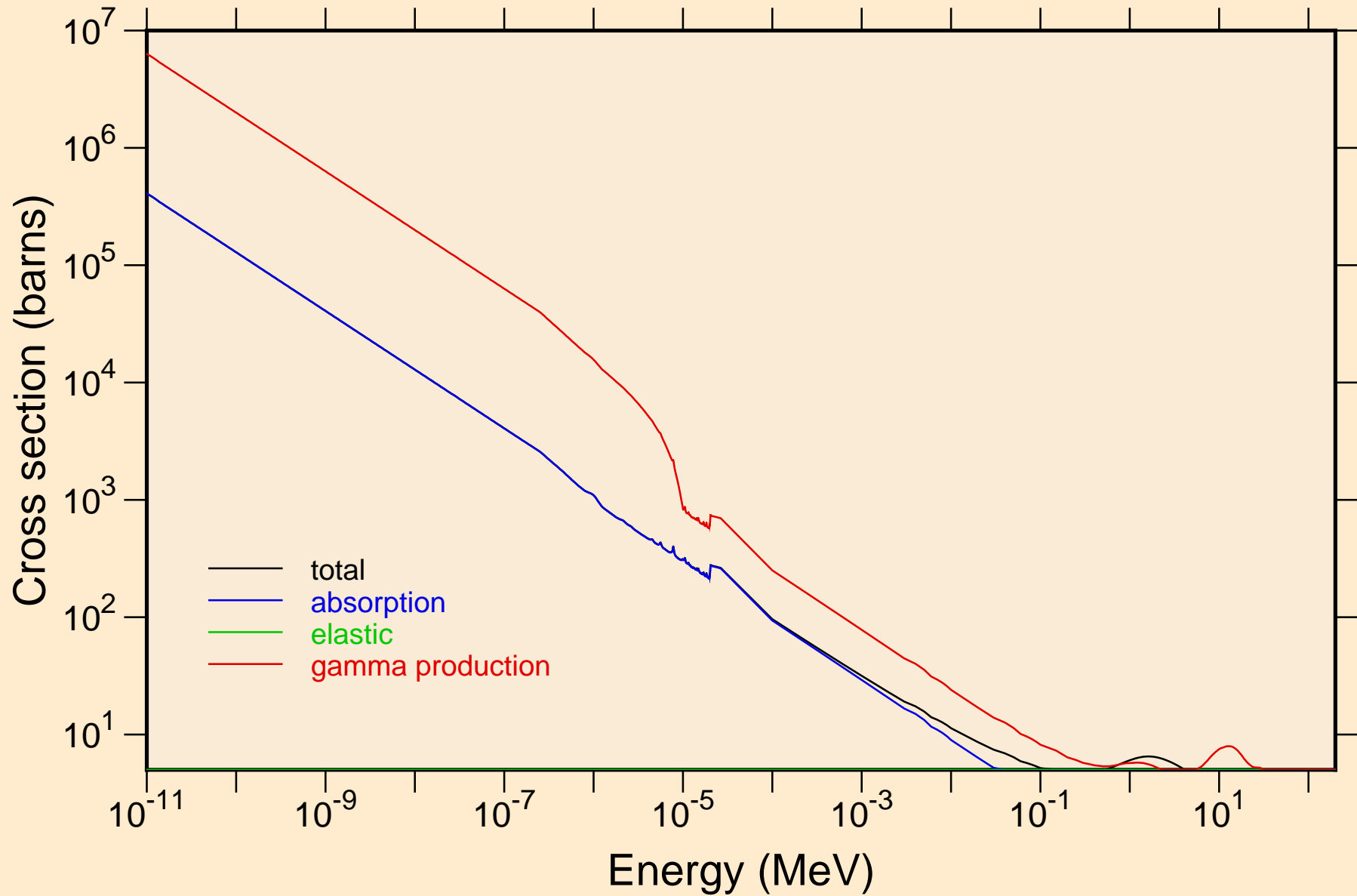
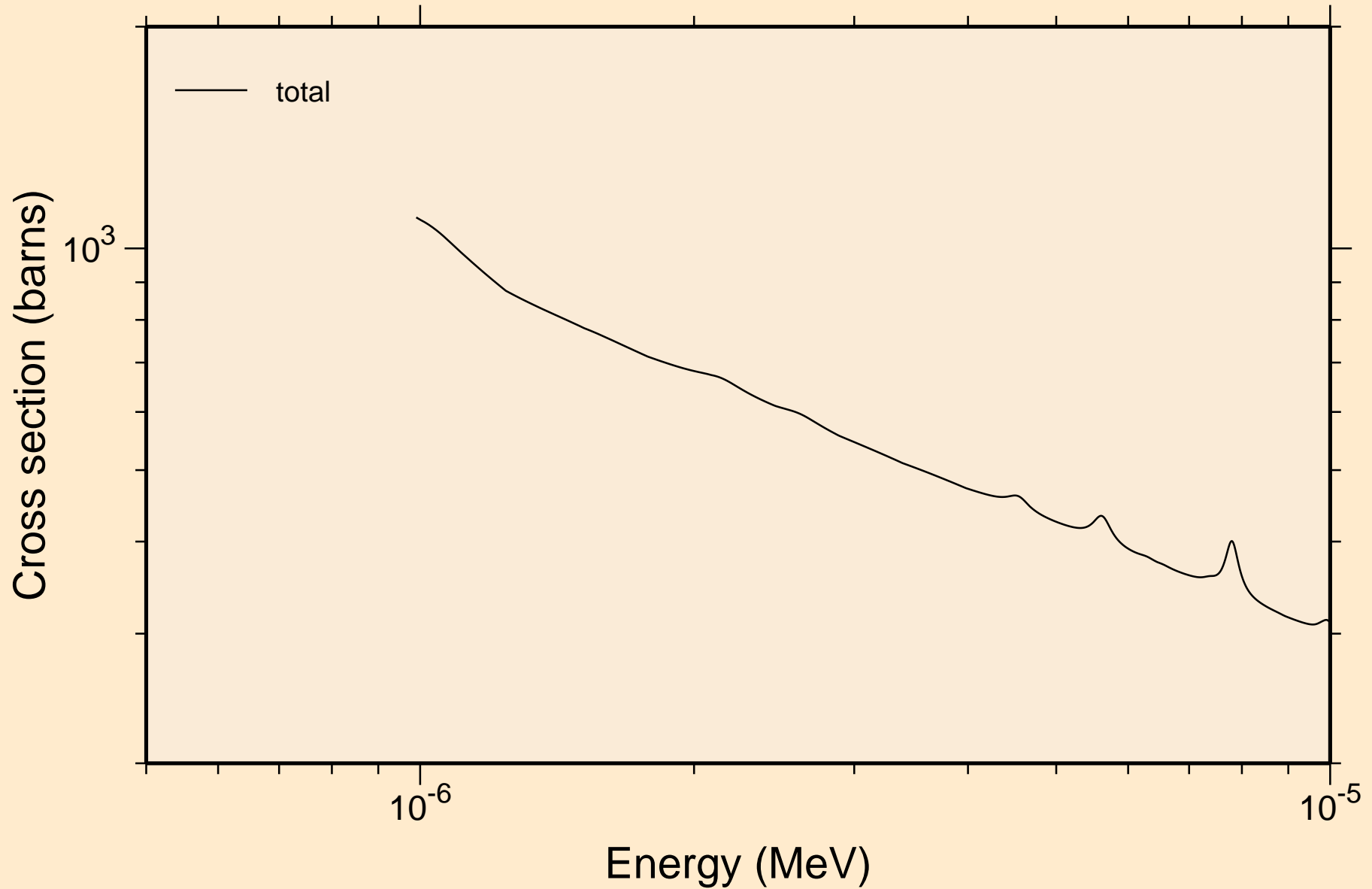


# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

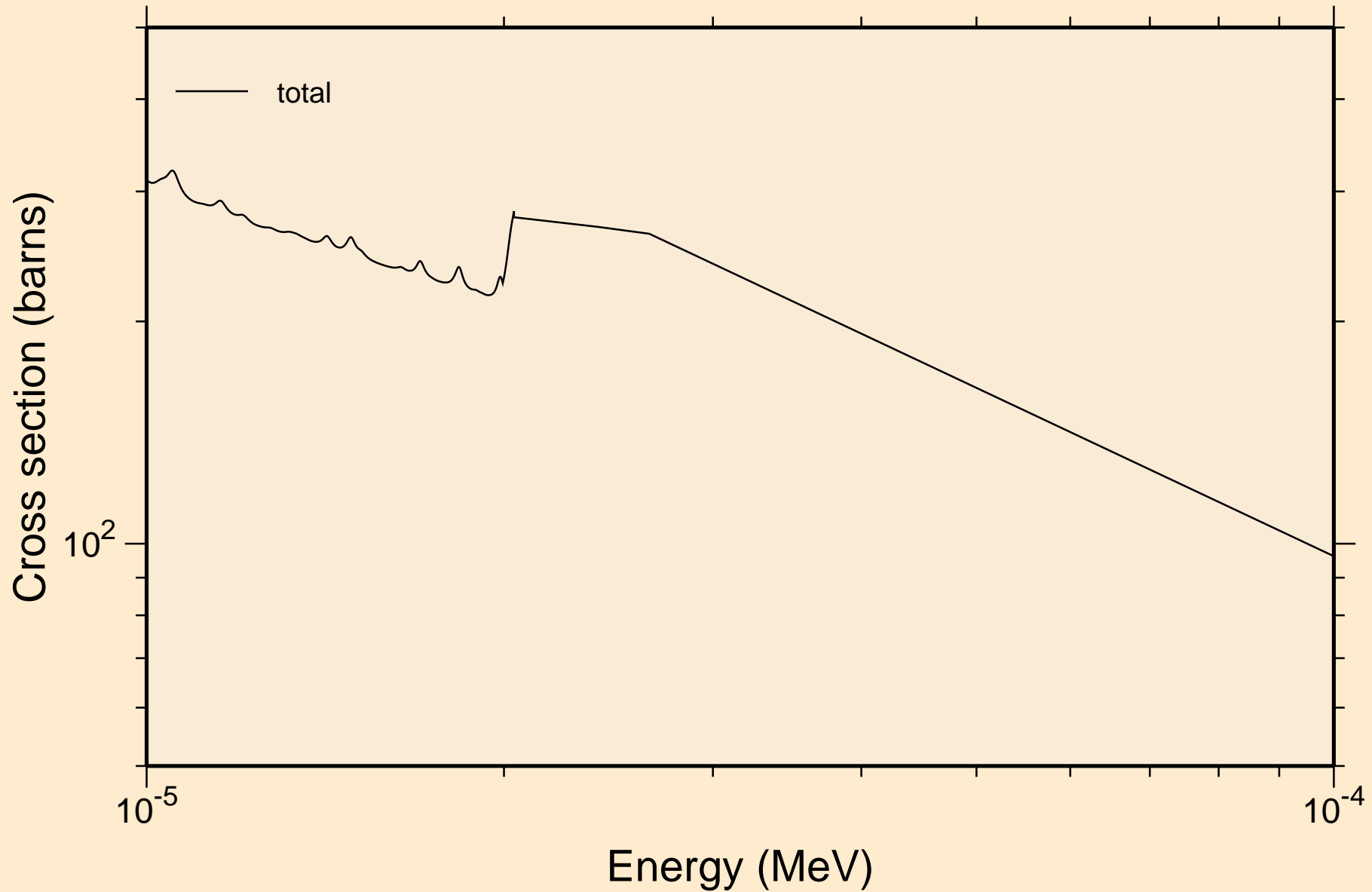
## Principal cross sections



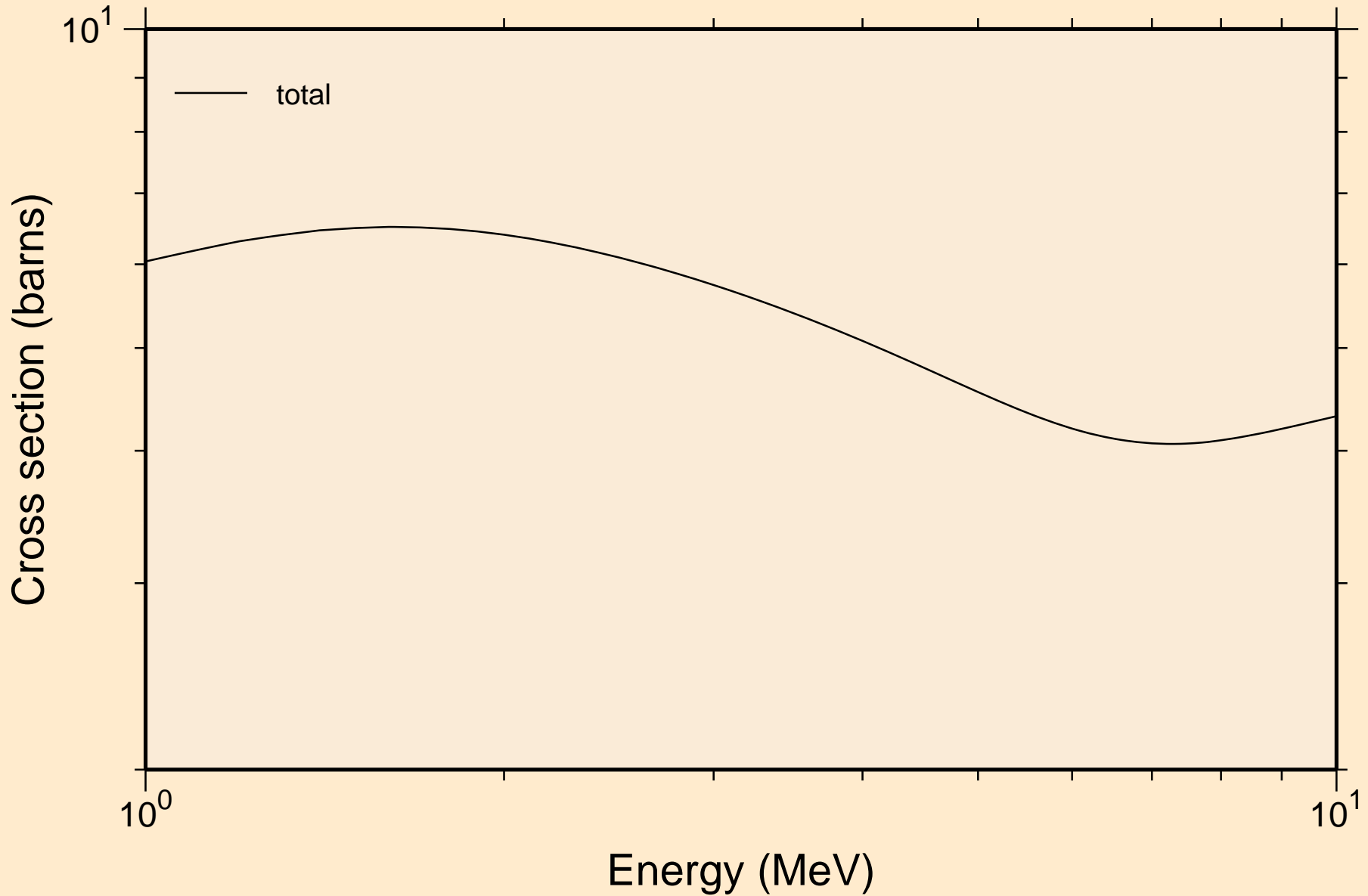
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



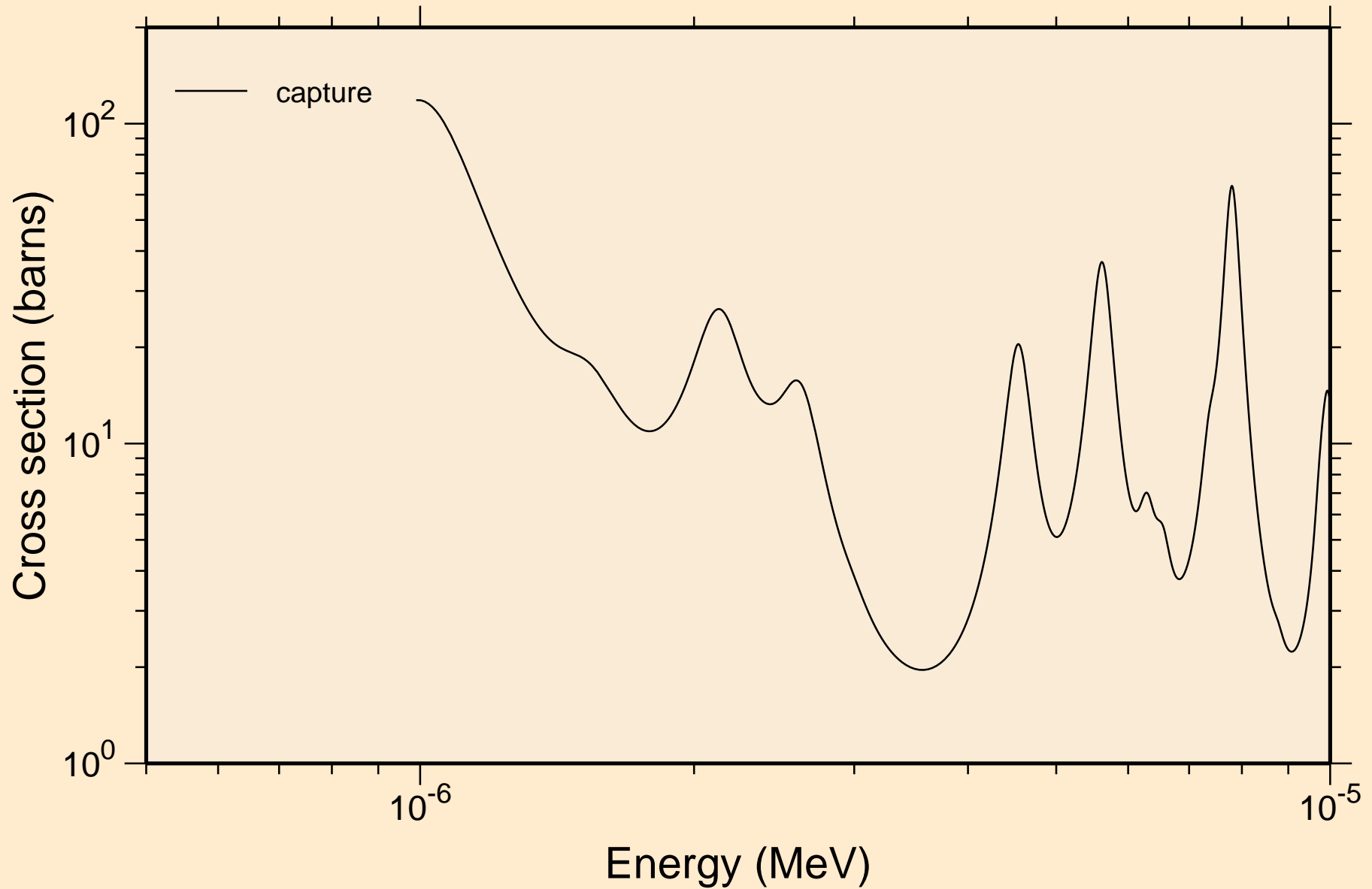
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



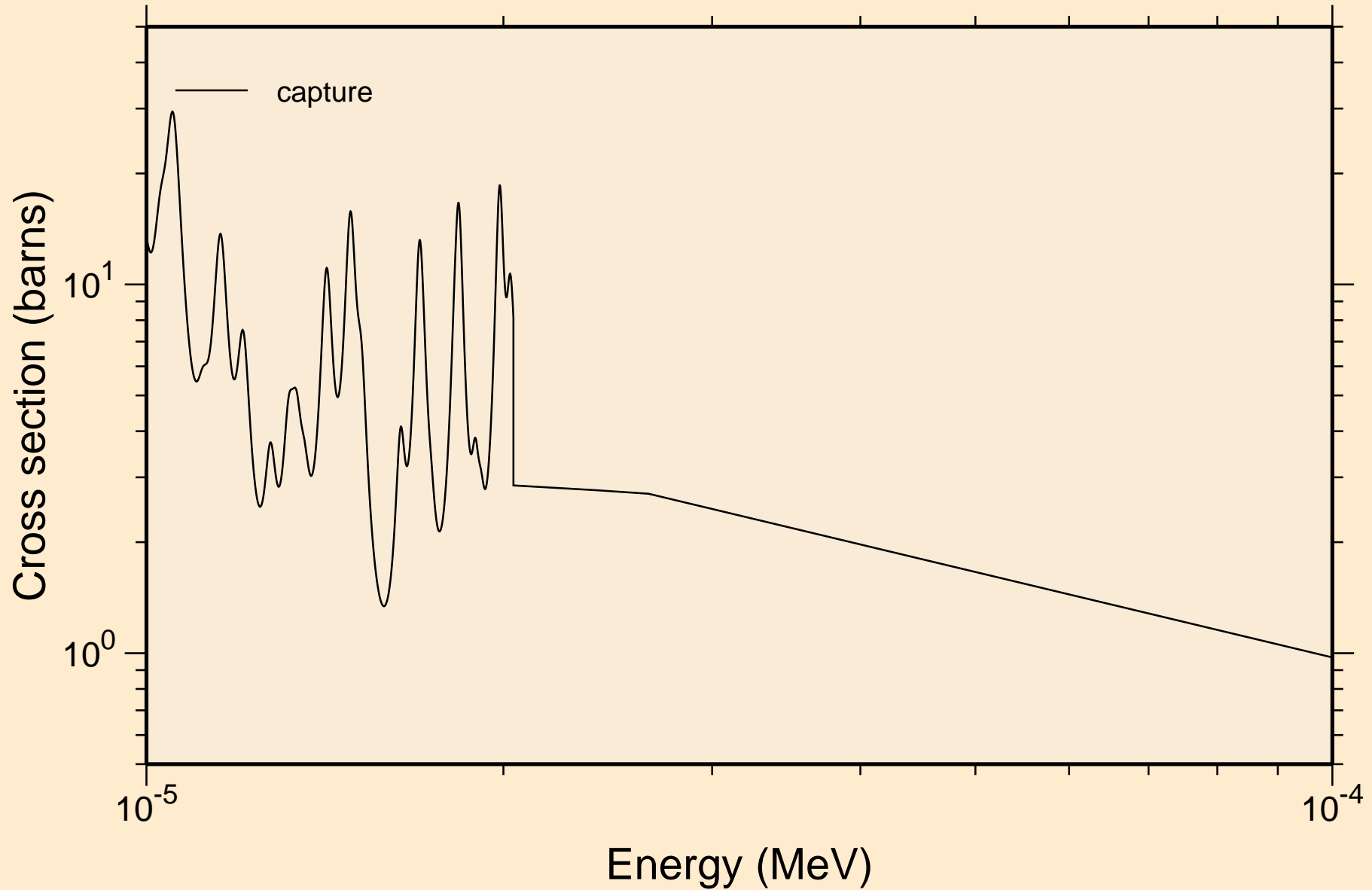
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resonance total cross section



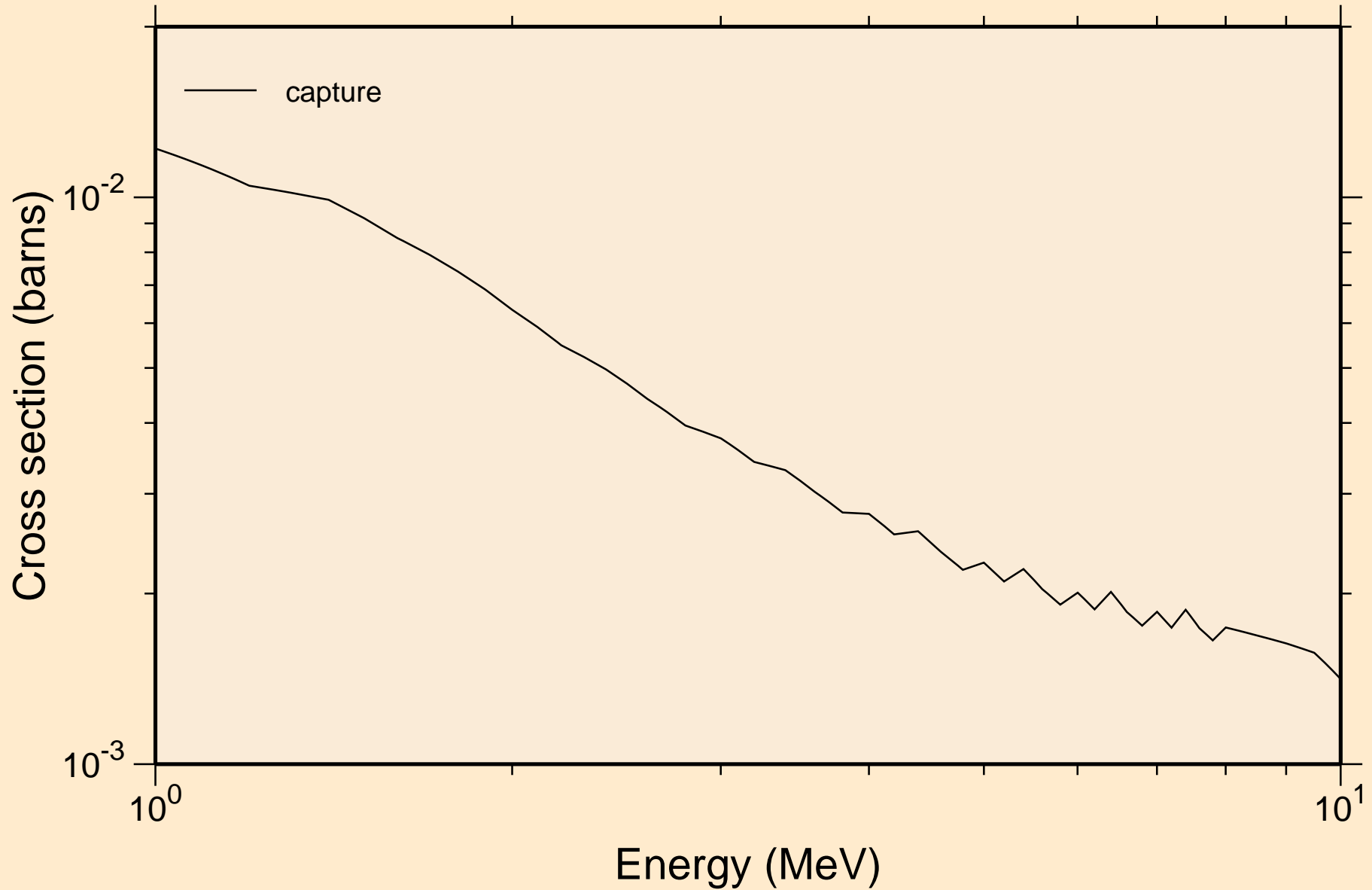
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

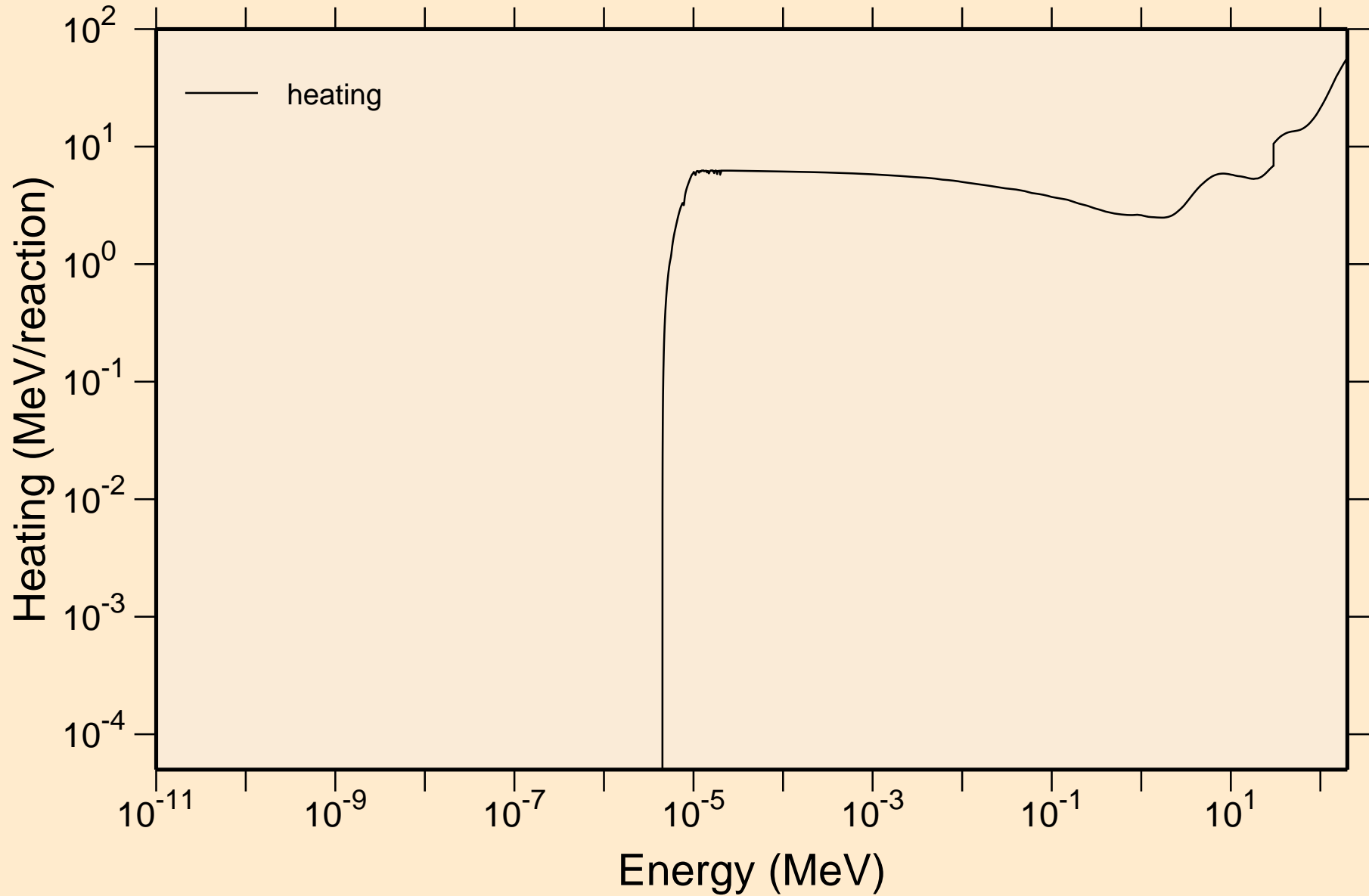


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



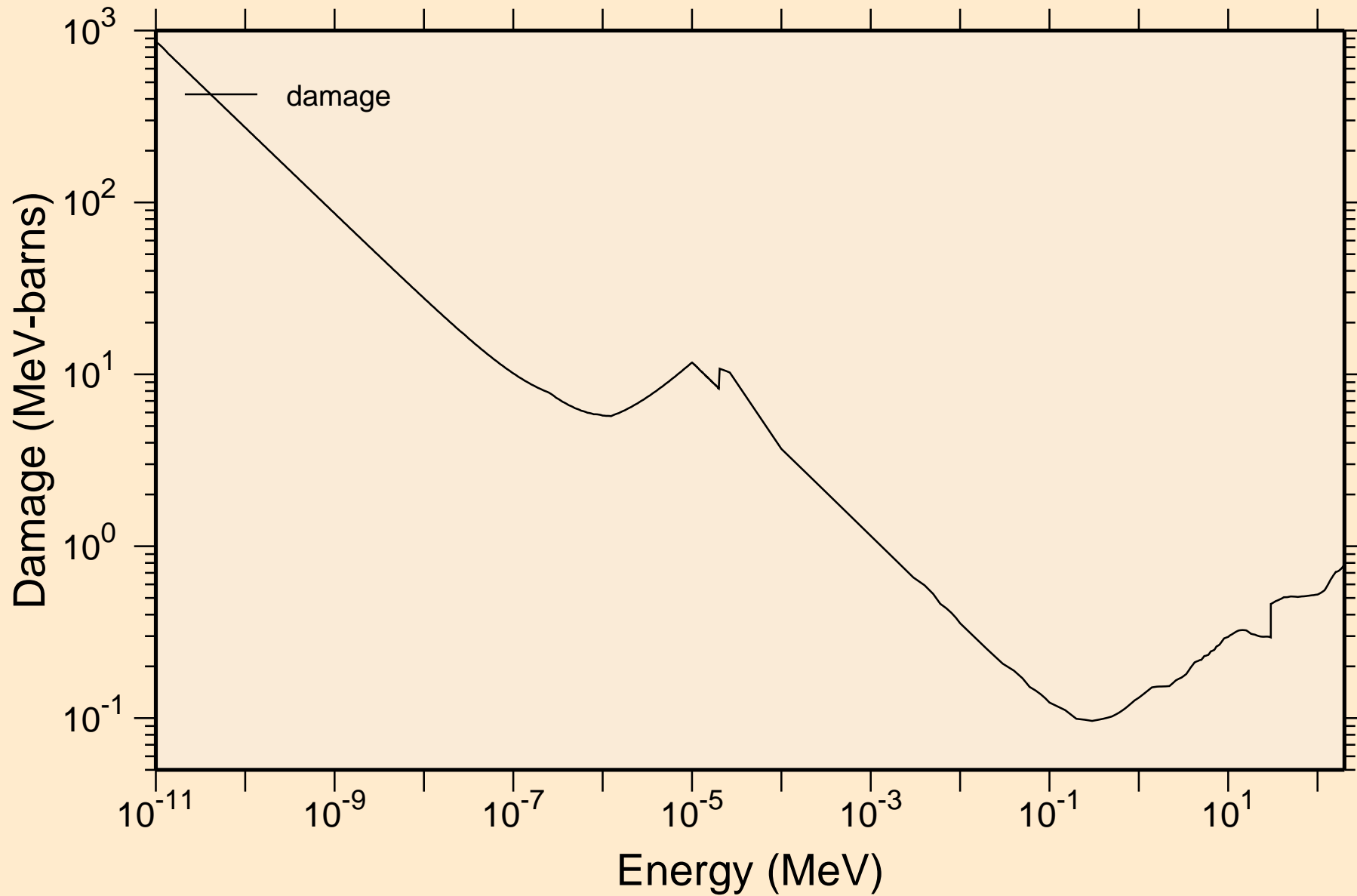
# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



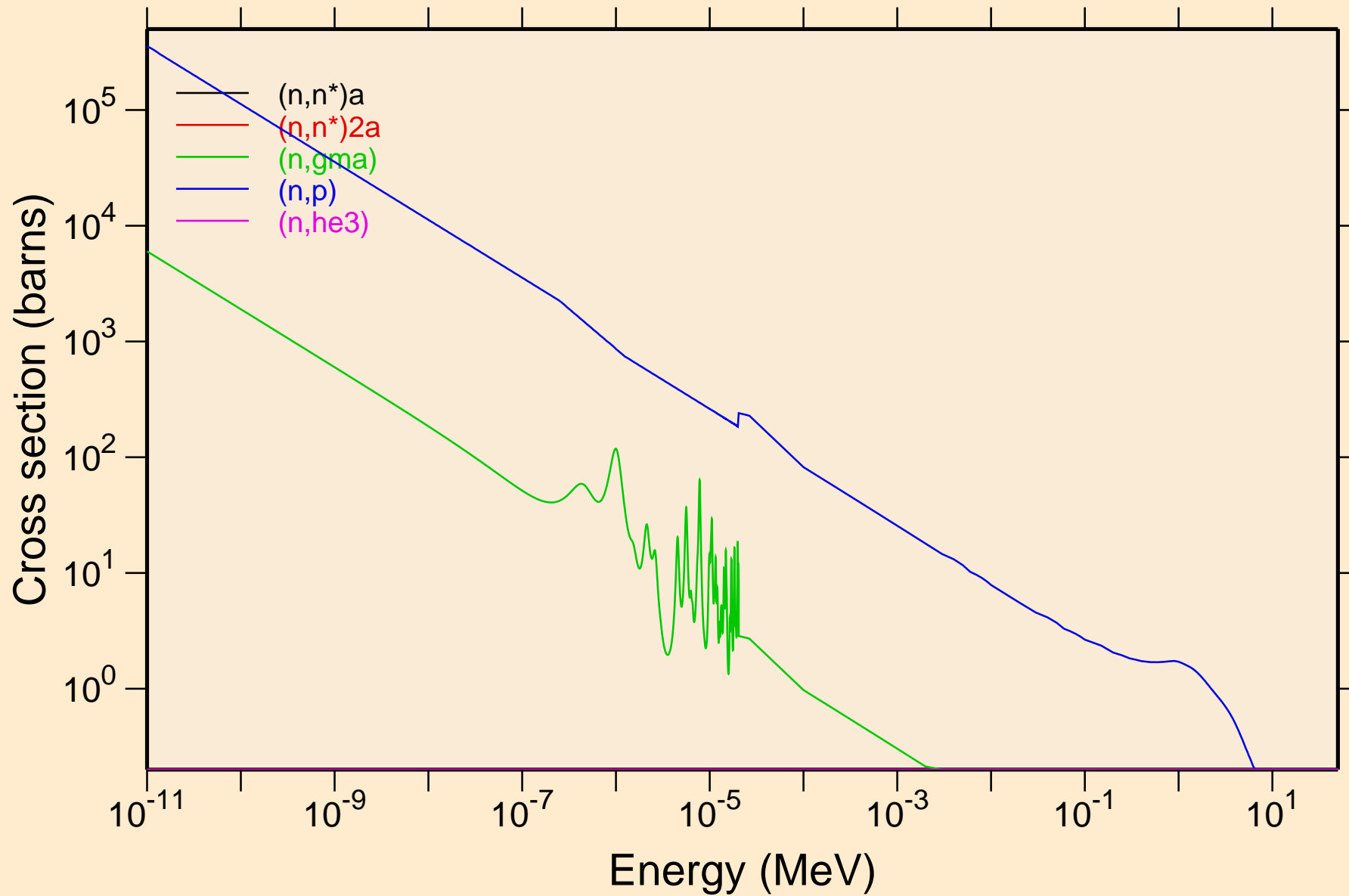


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

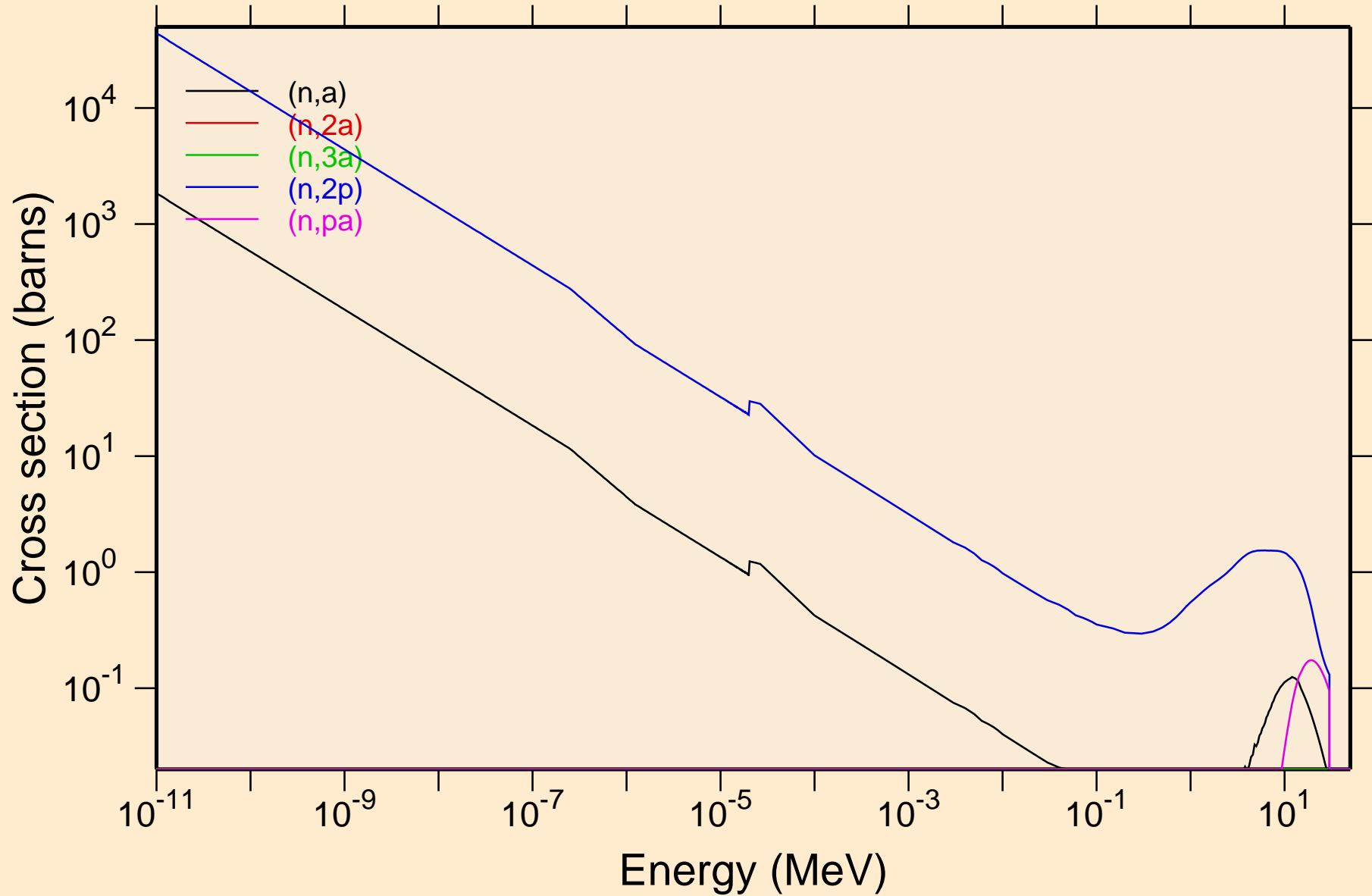


# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

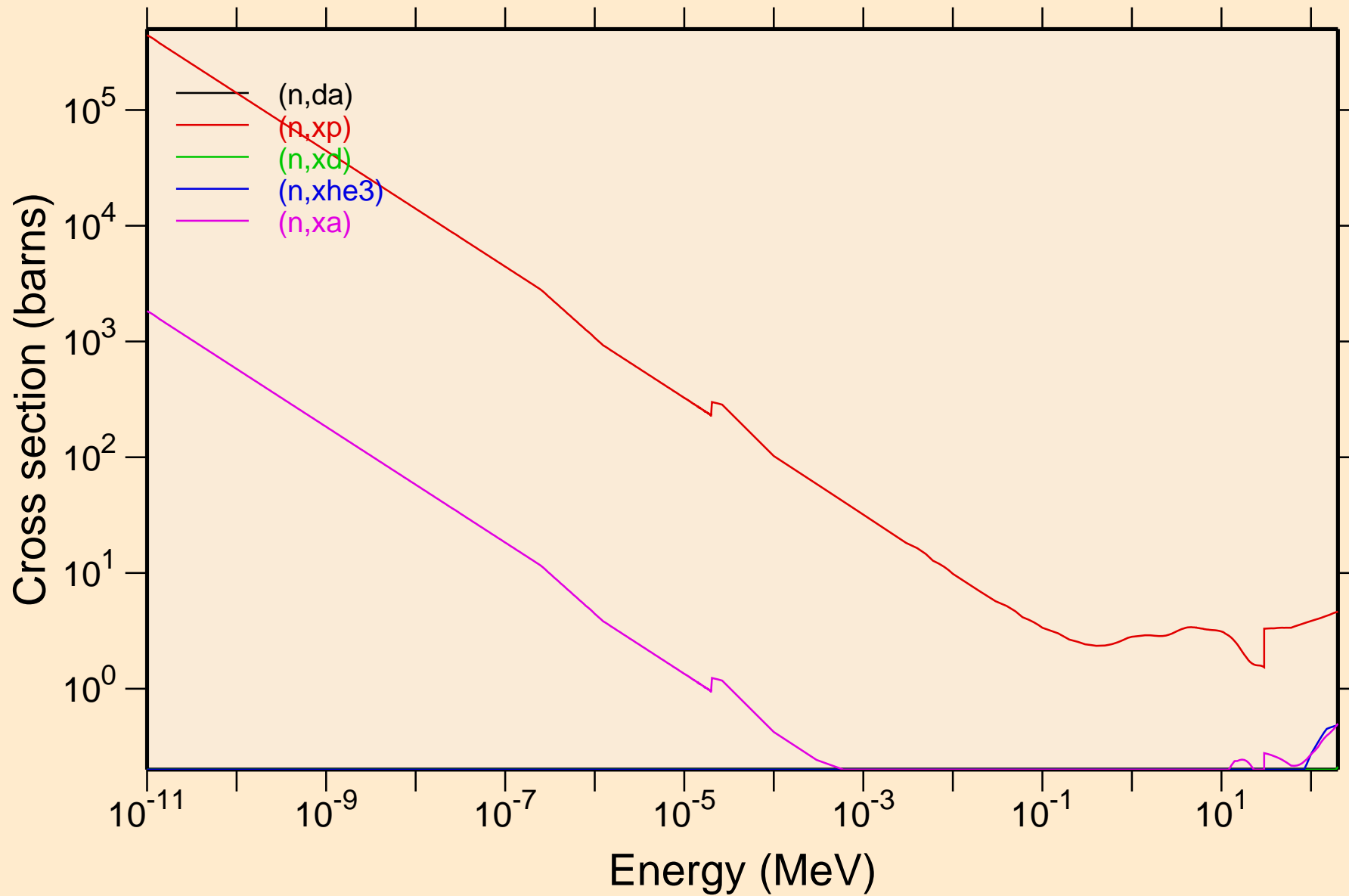


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



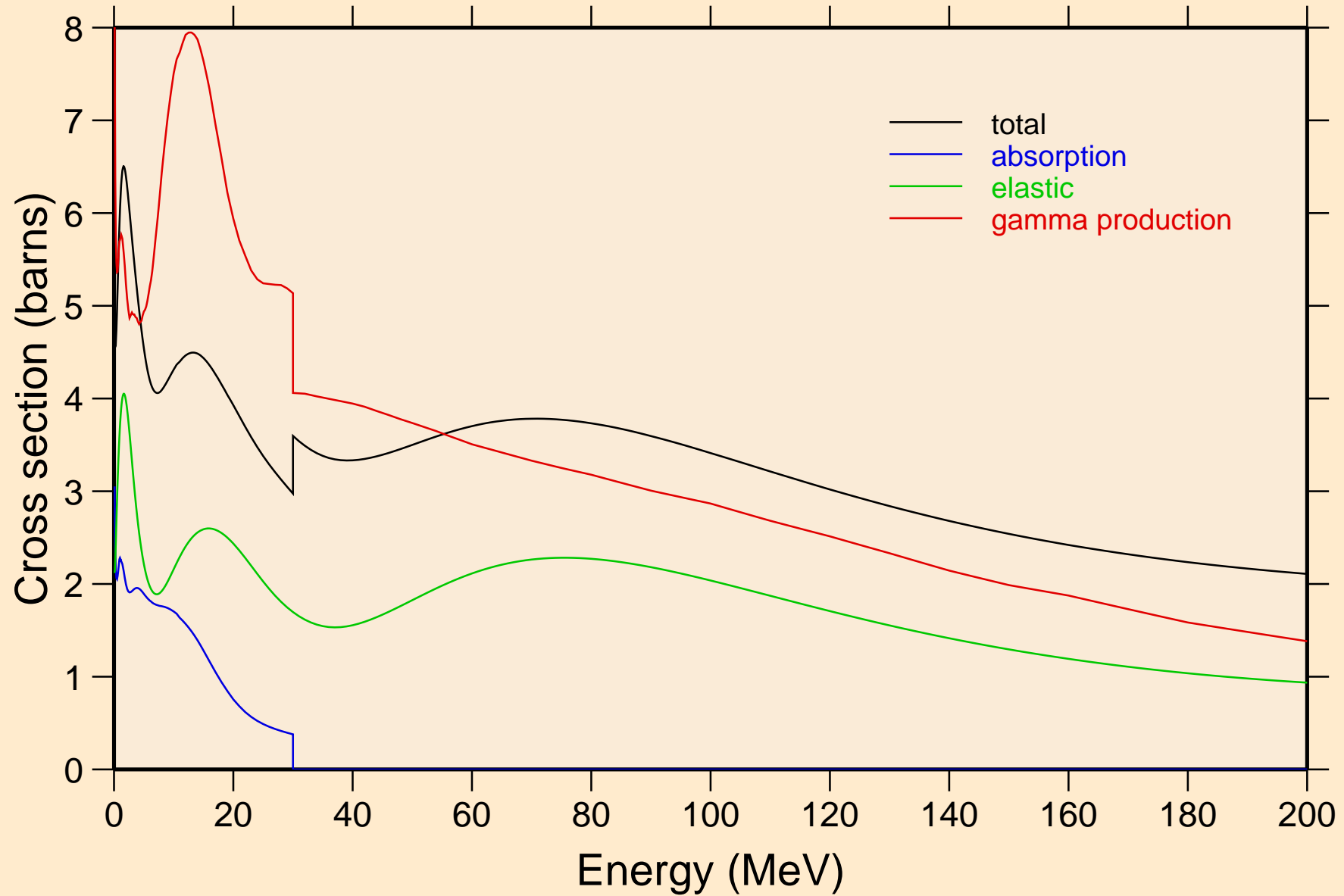
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## Non-threshold reactions



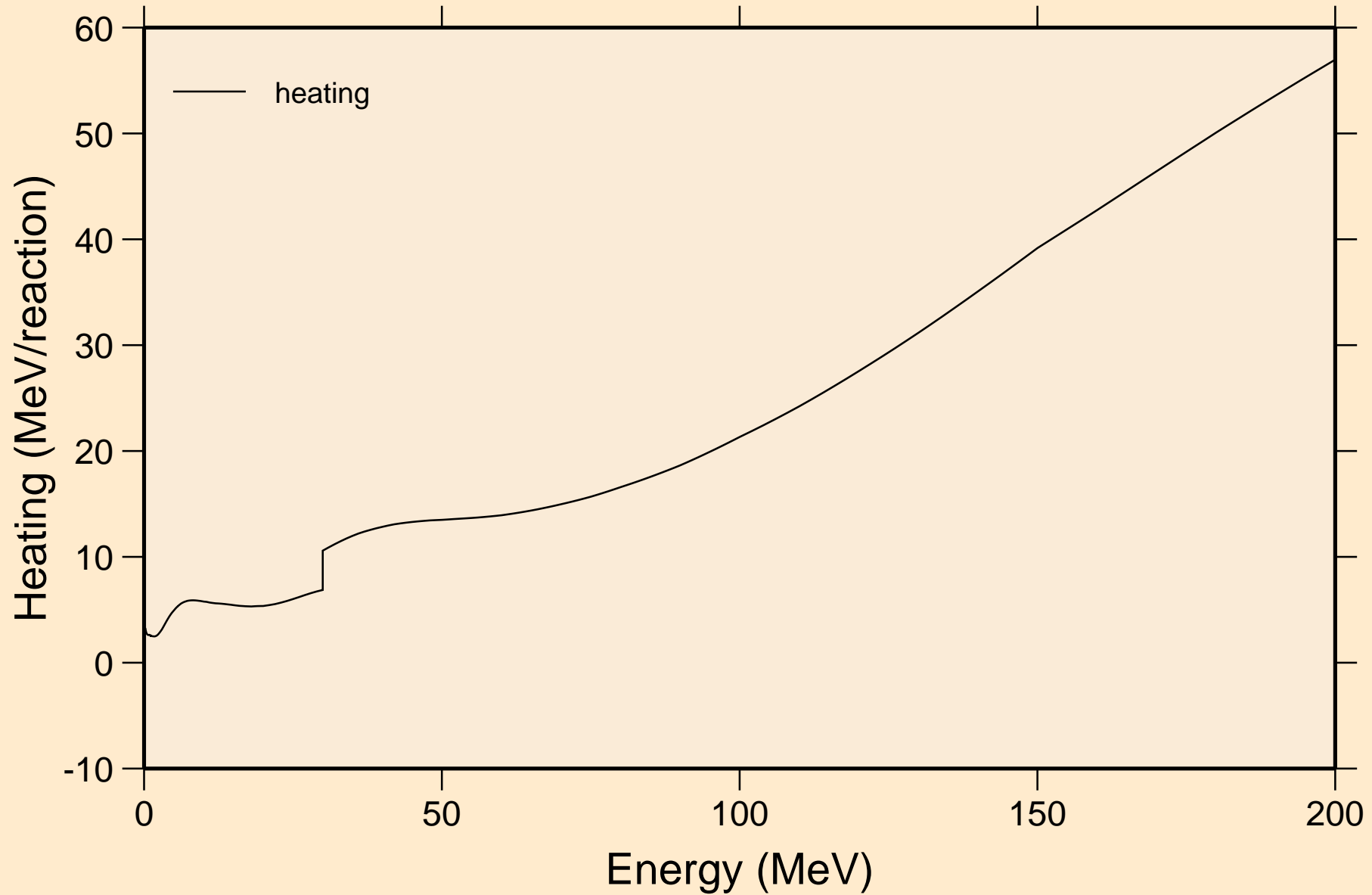
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## Principal cross sections



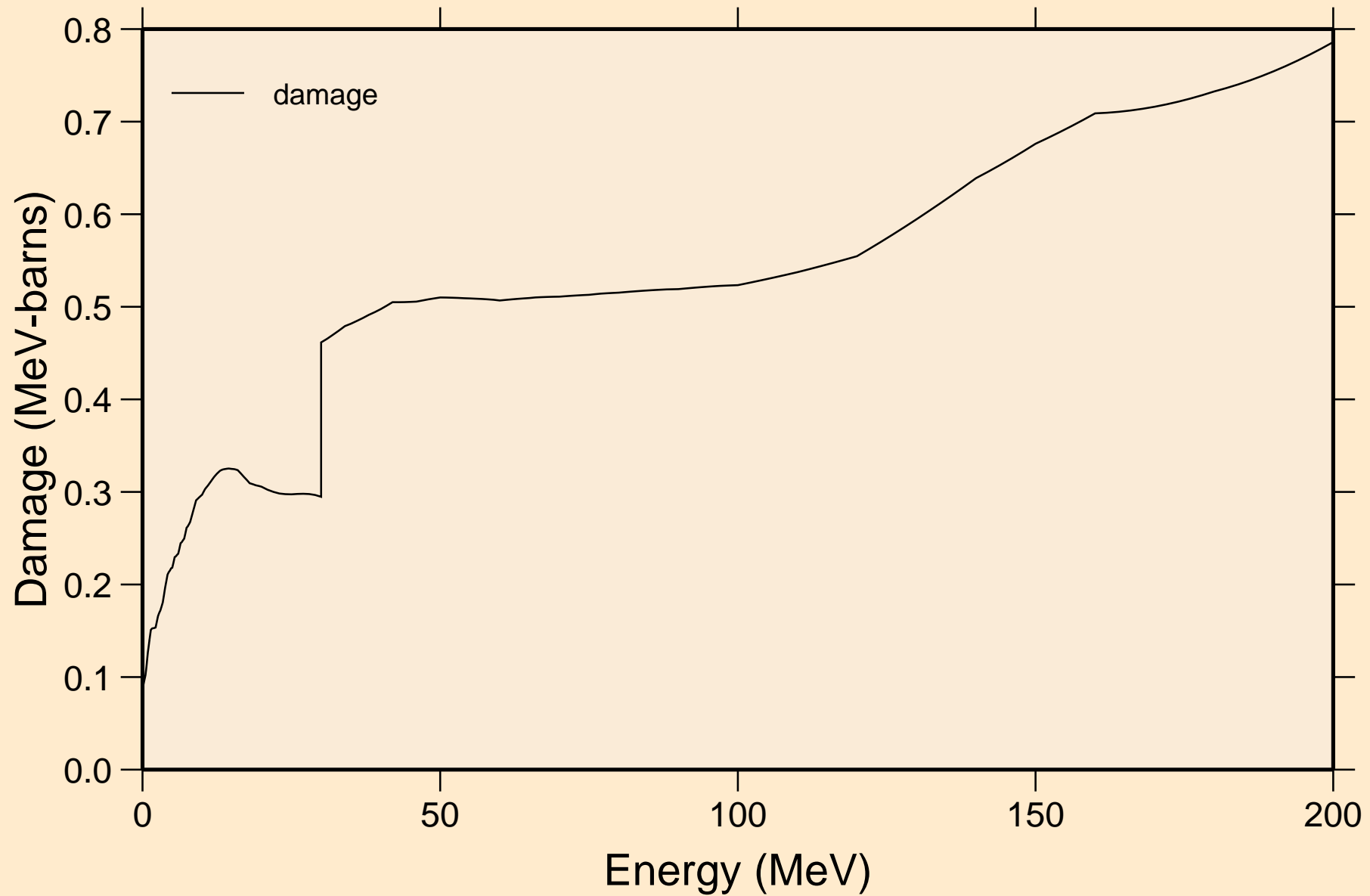
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## Heating



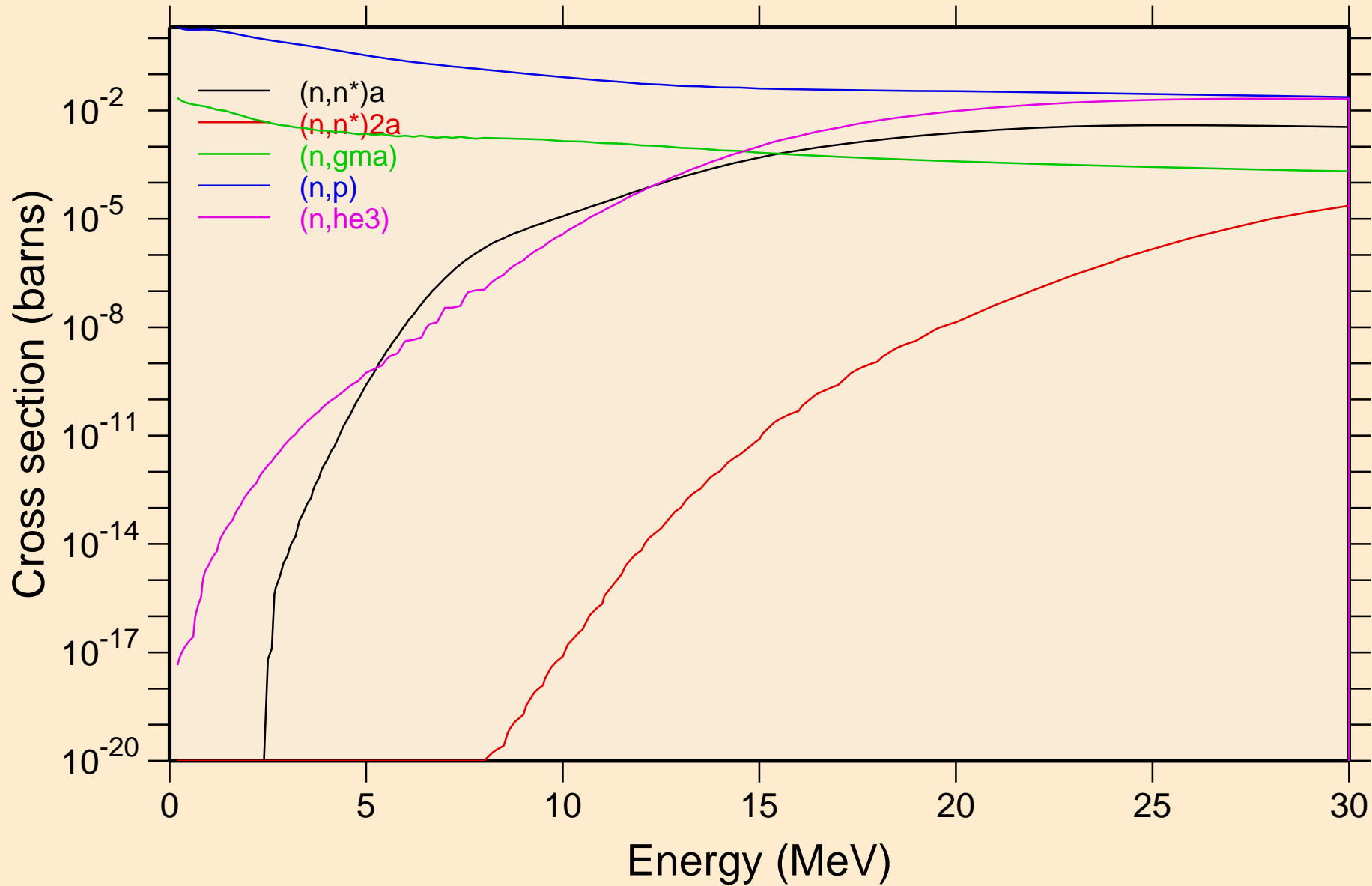
# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

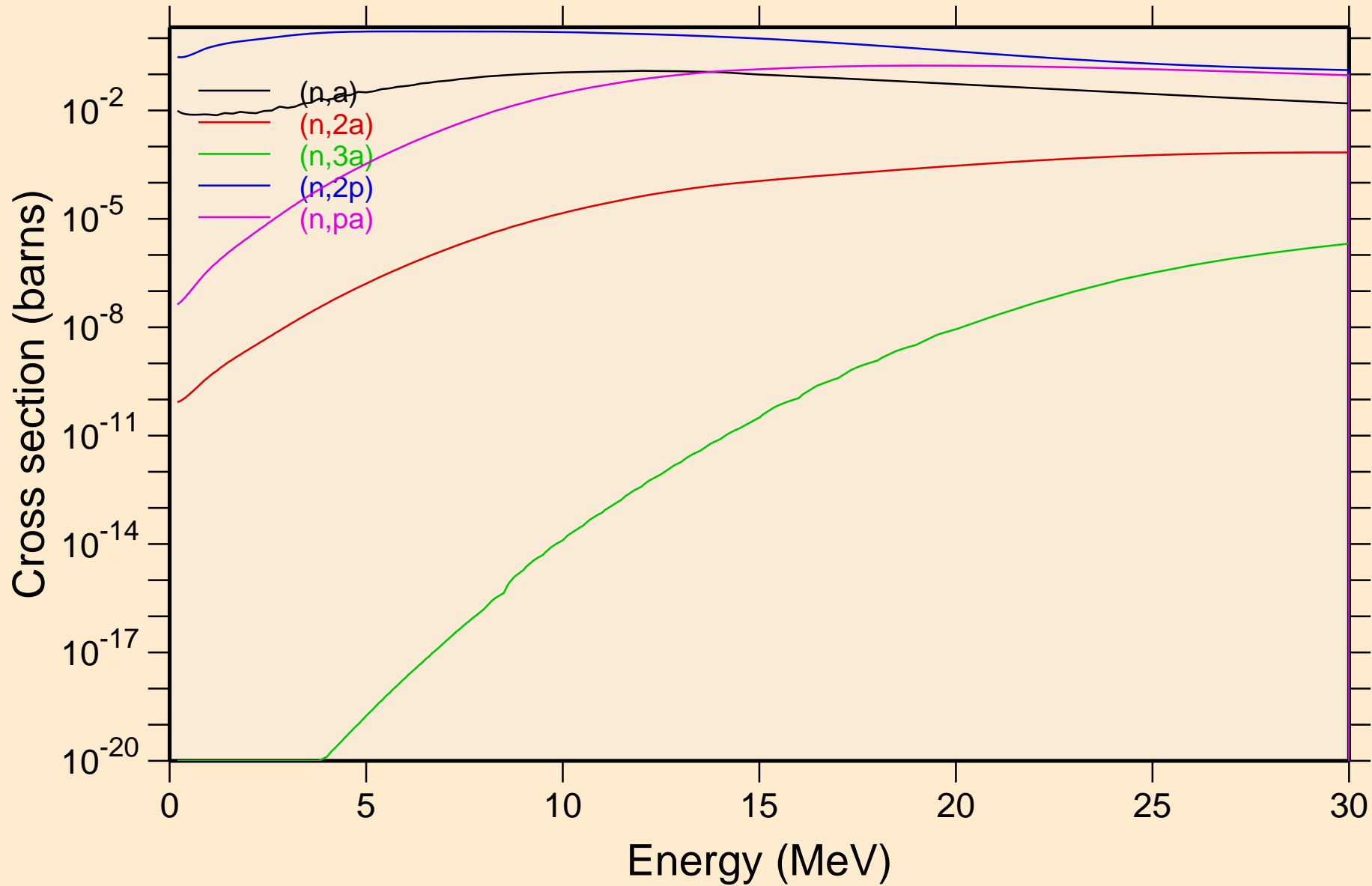
## Non-threshold reactions





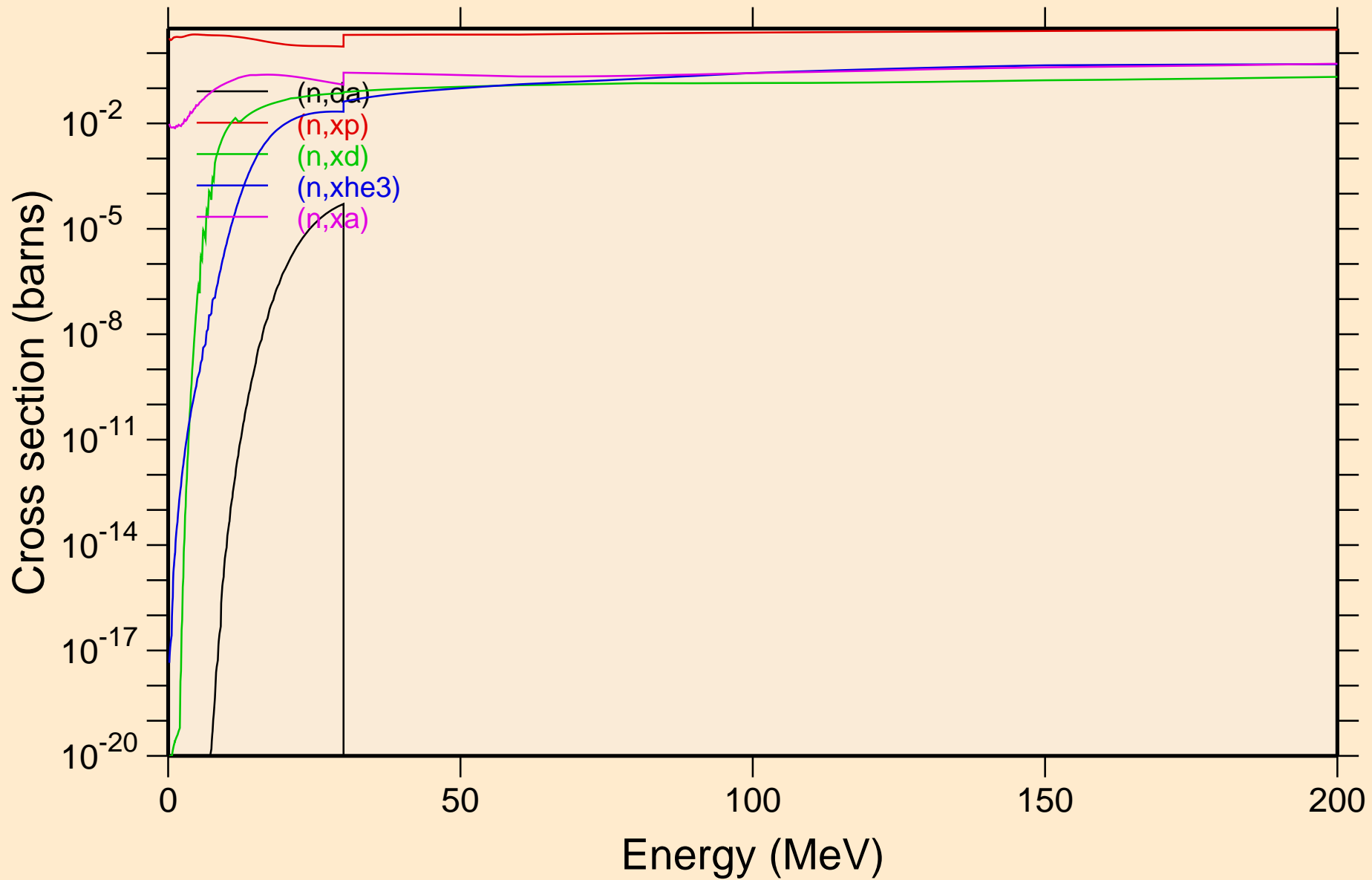
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## Non-threshold reactions



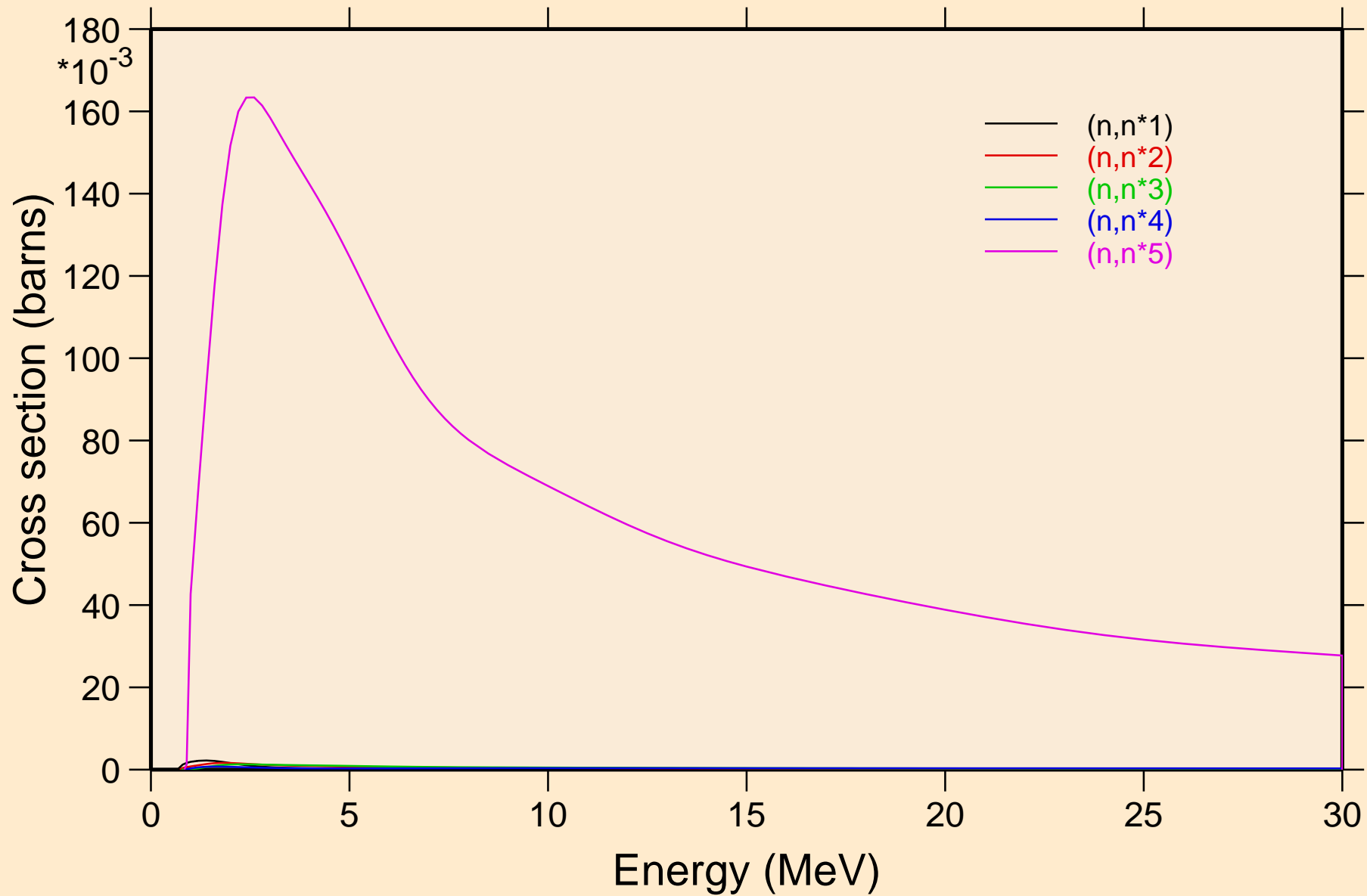
# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



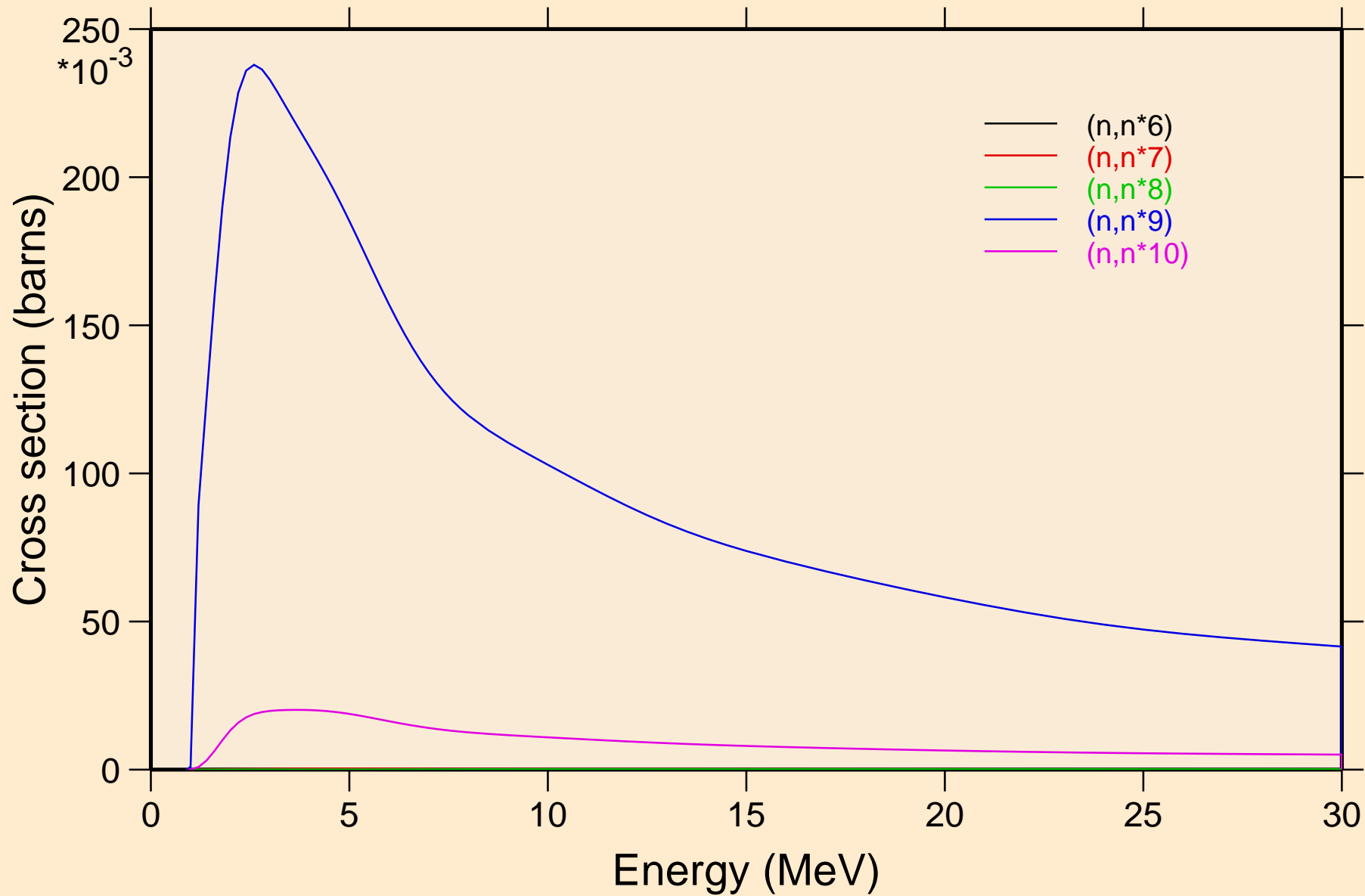
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## Inelastic levels

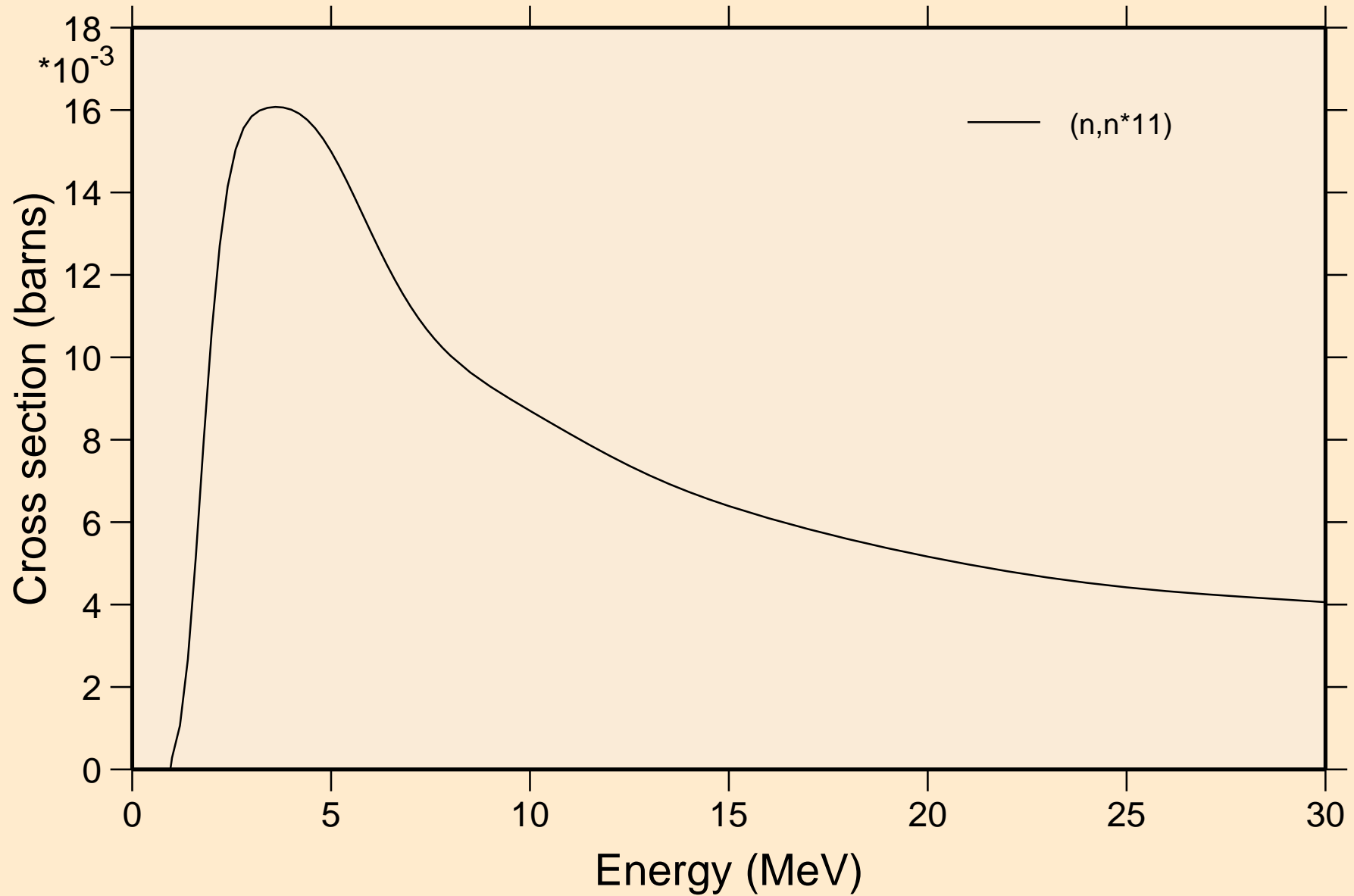


# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

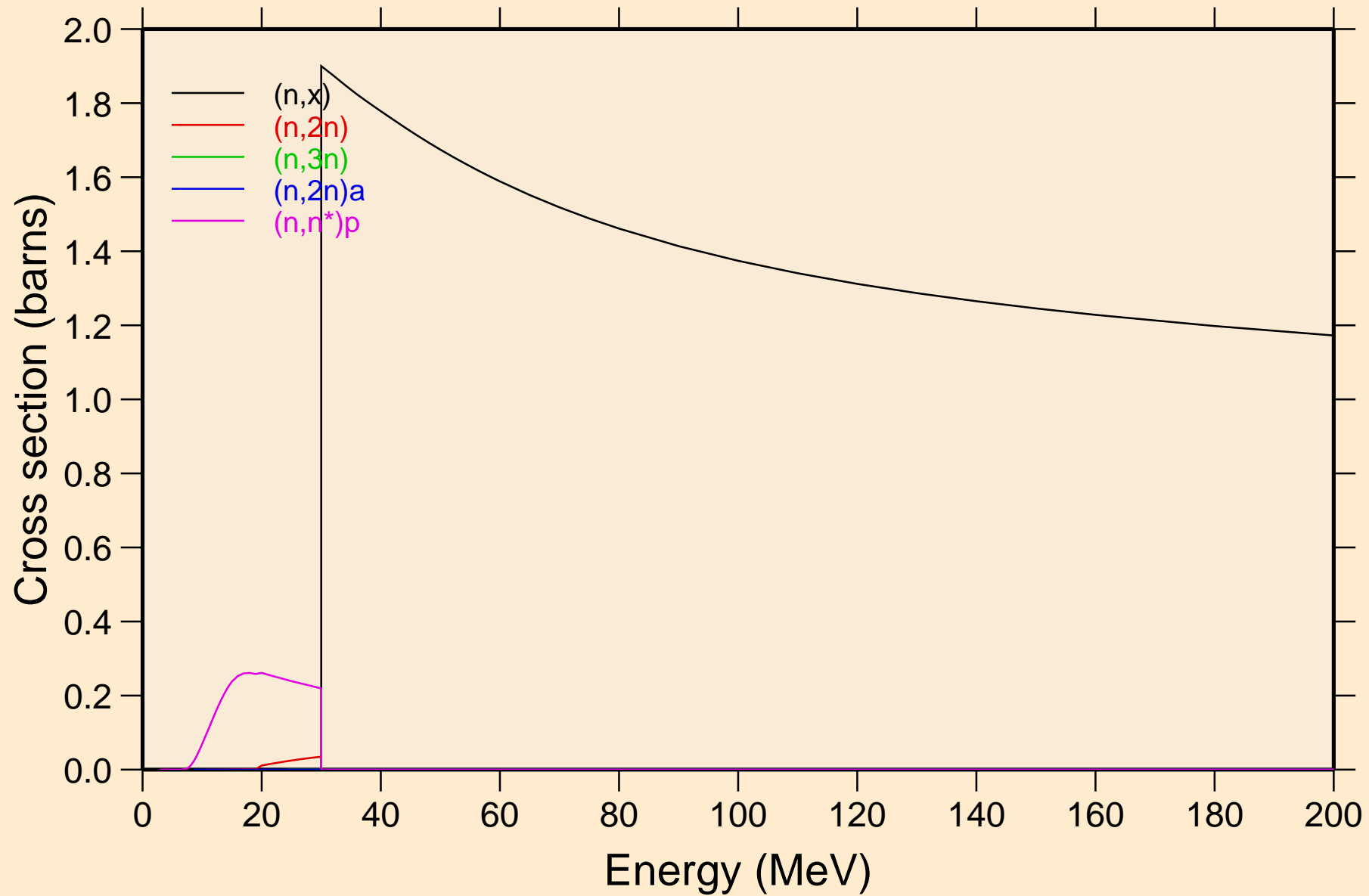


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



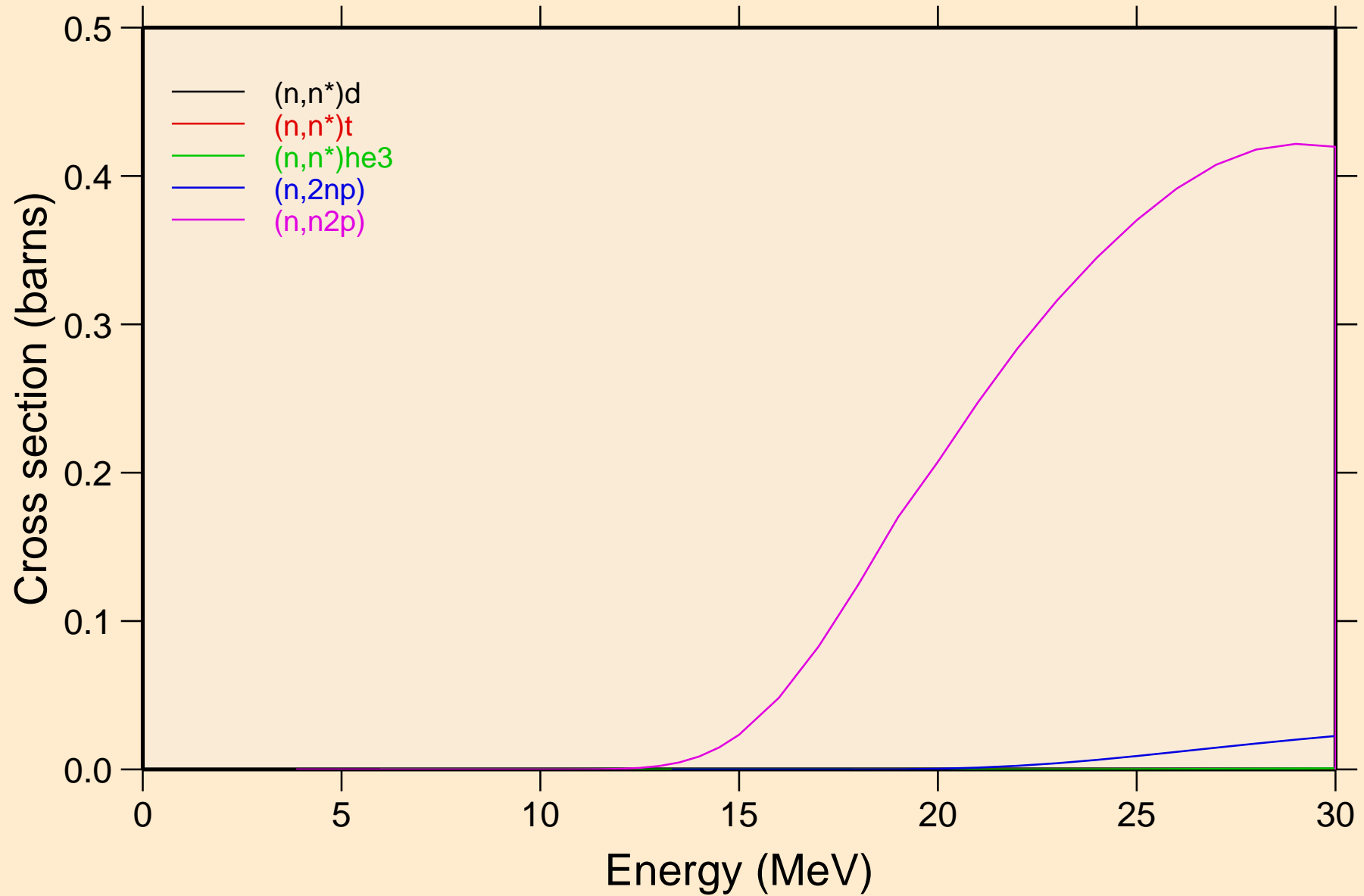
# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



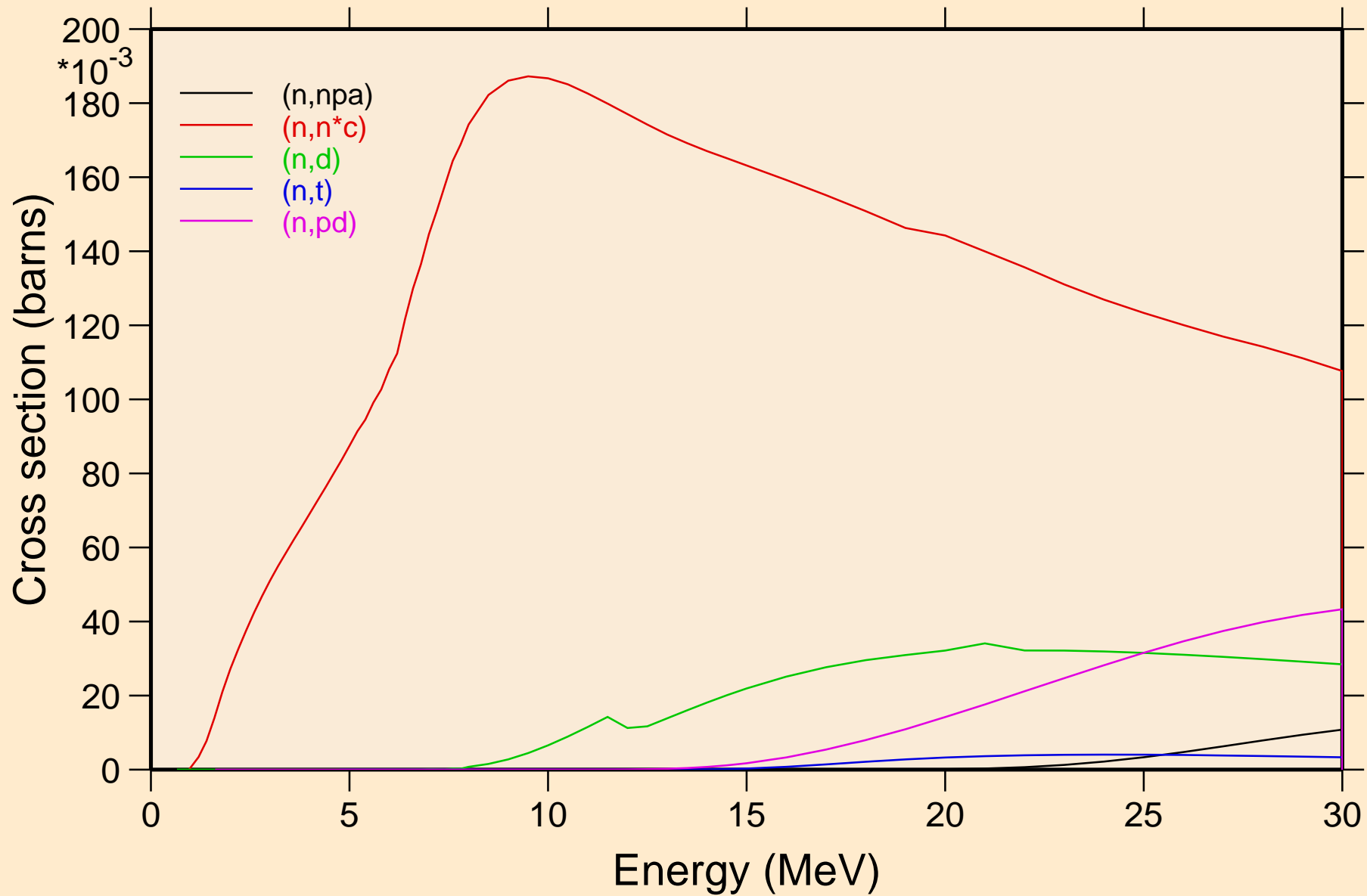
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## Threshold reactions



# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

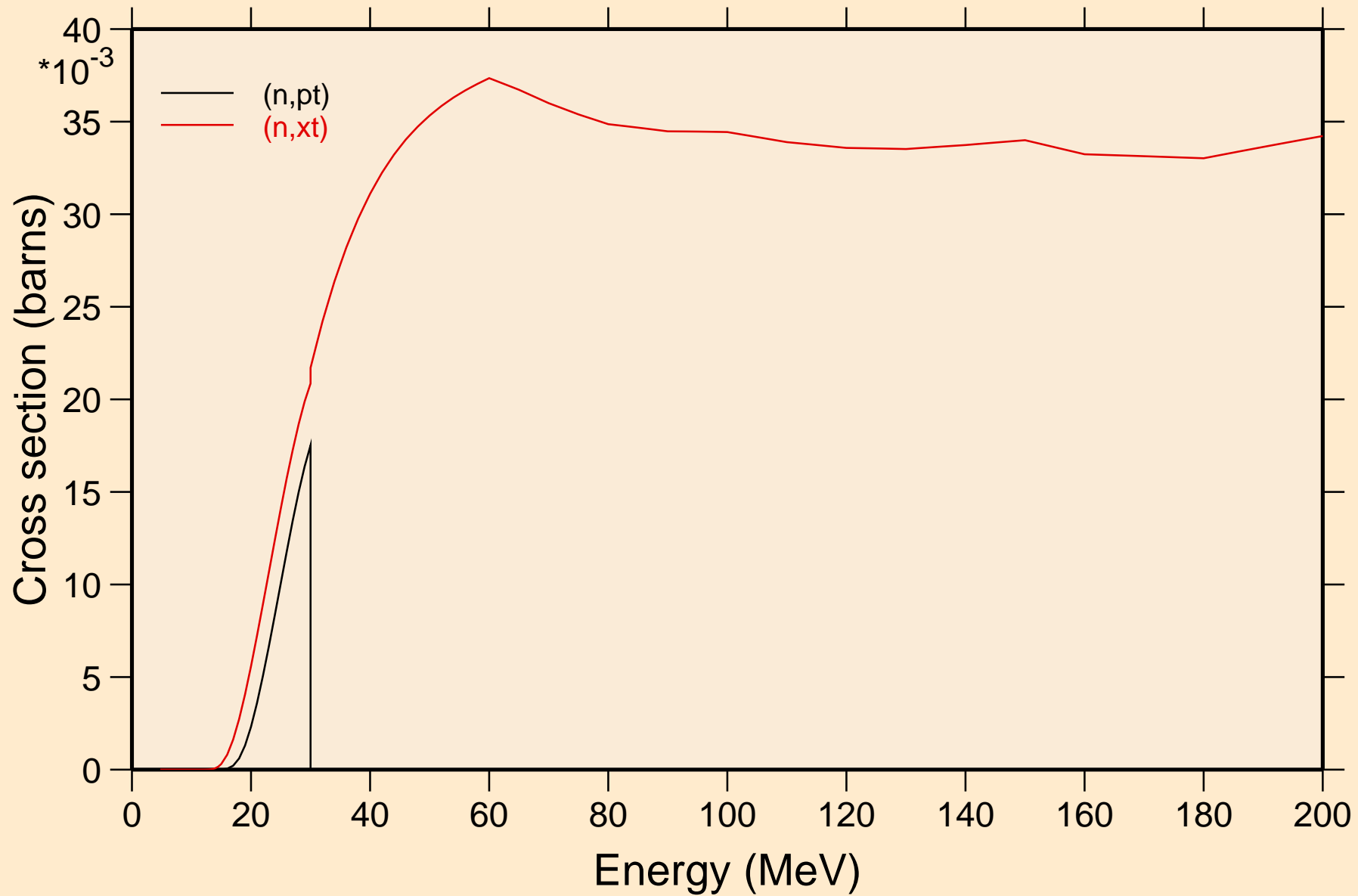
## Threshold reactions



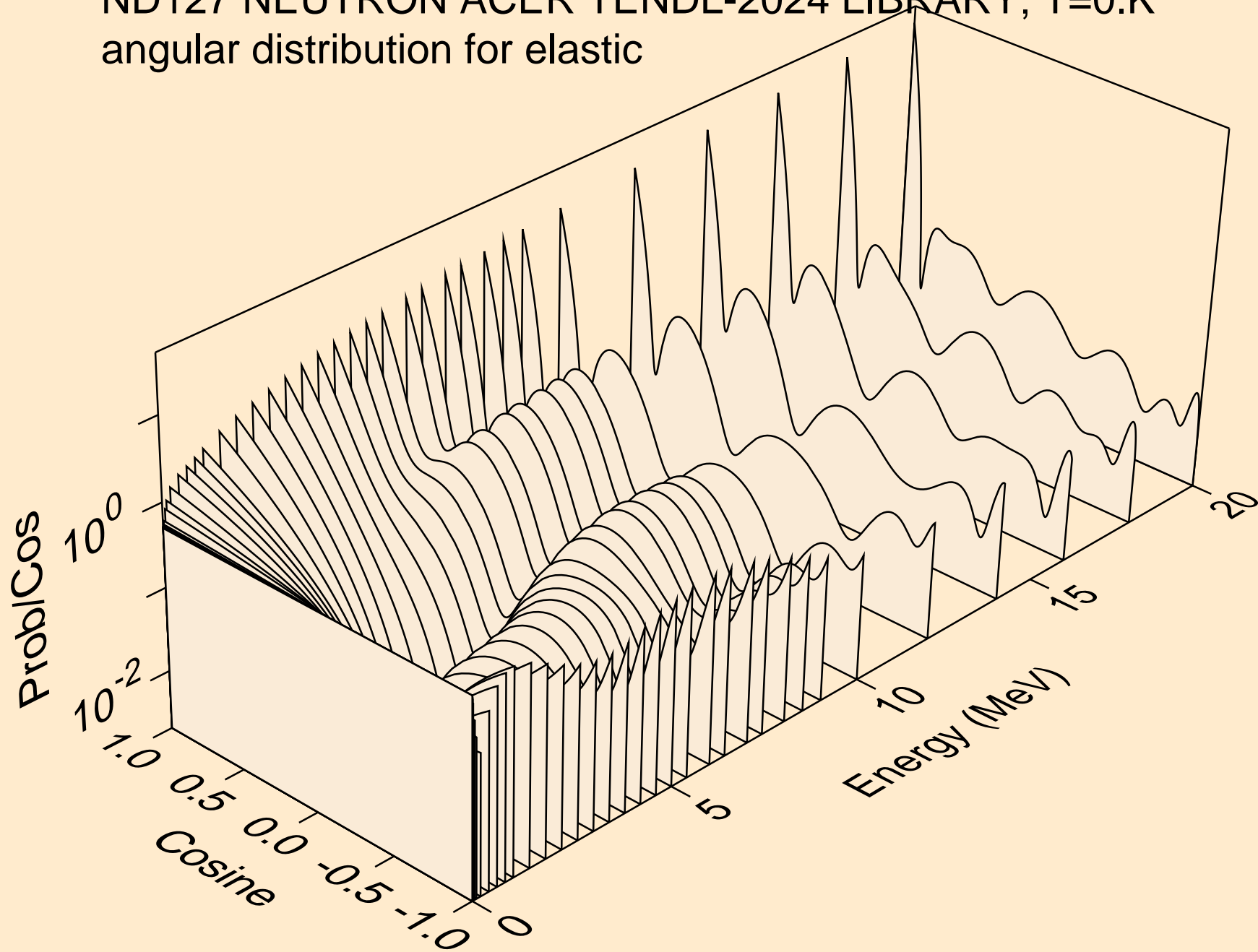


# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

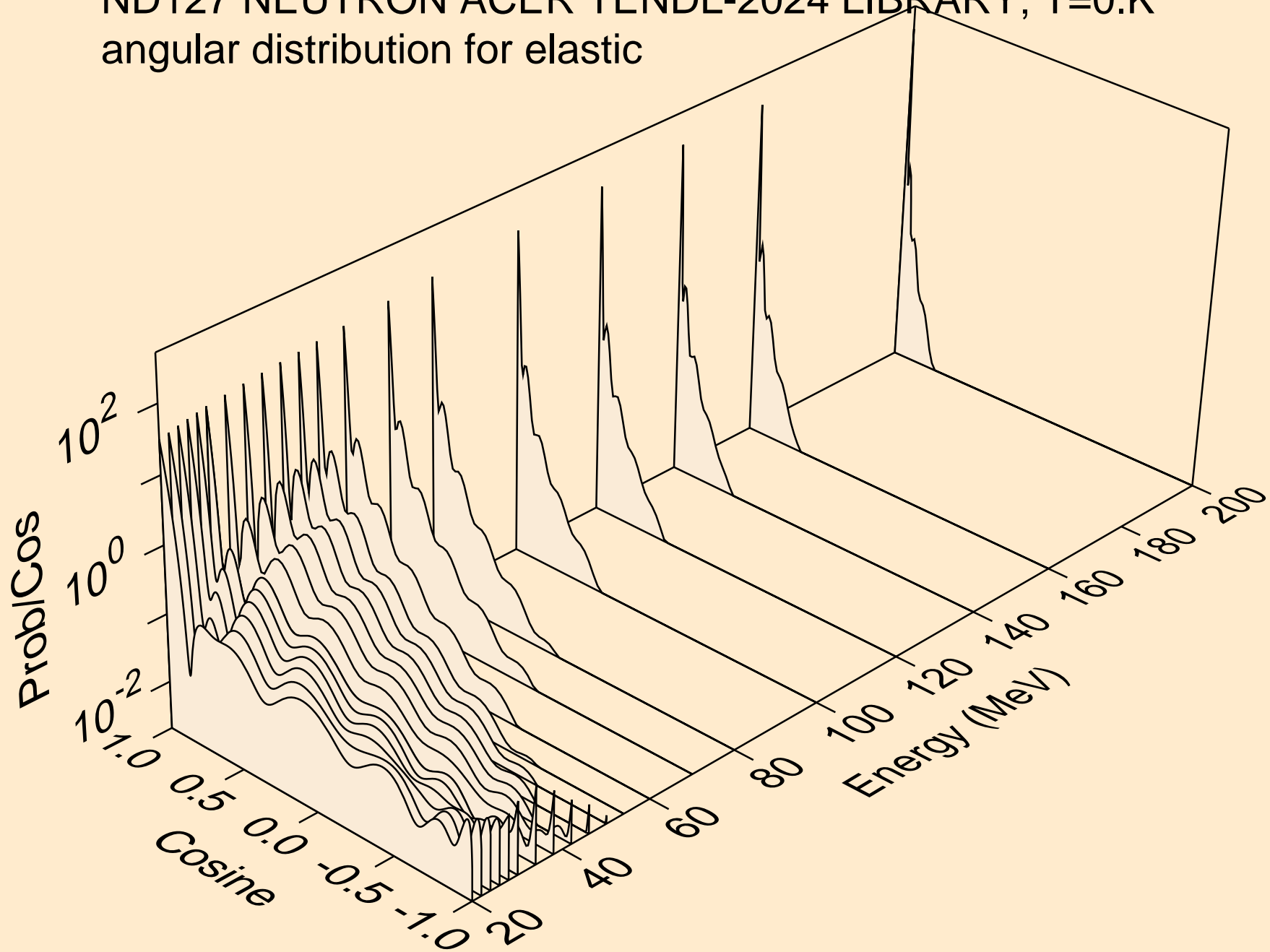
## Threshold reactions



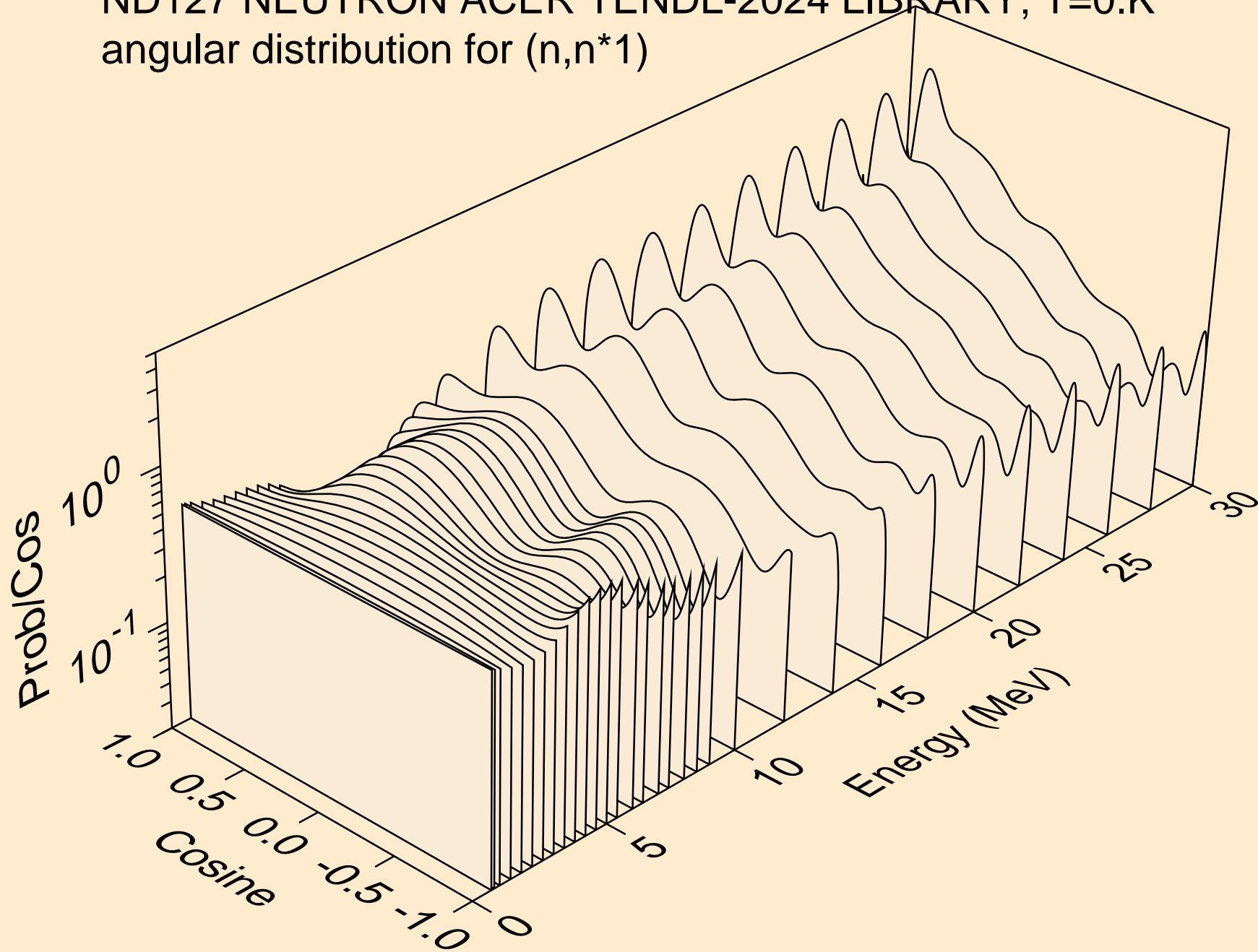
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



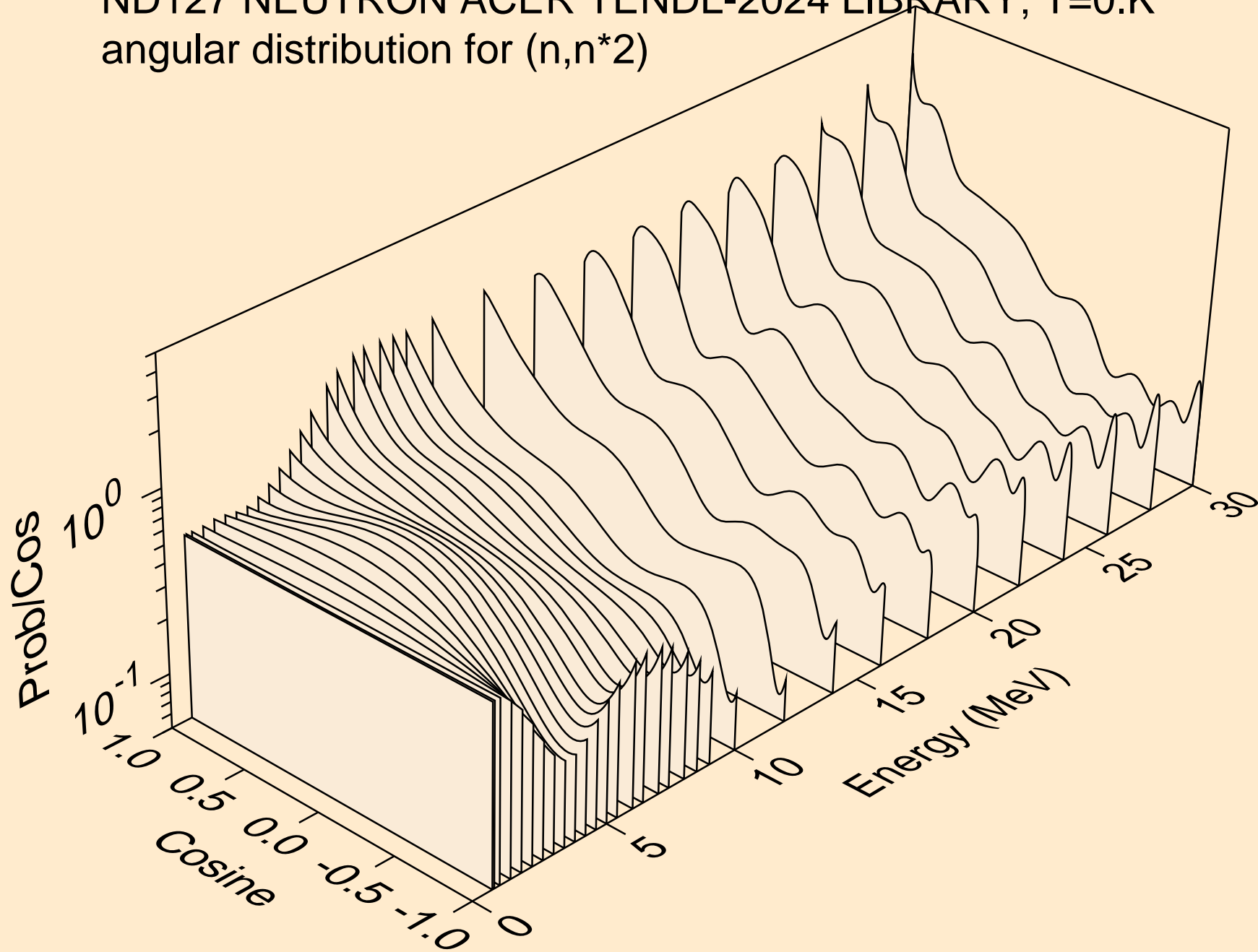
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angular distribution for elastic



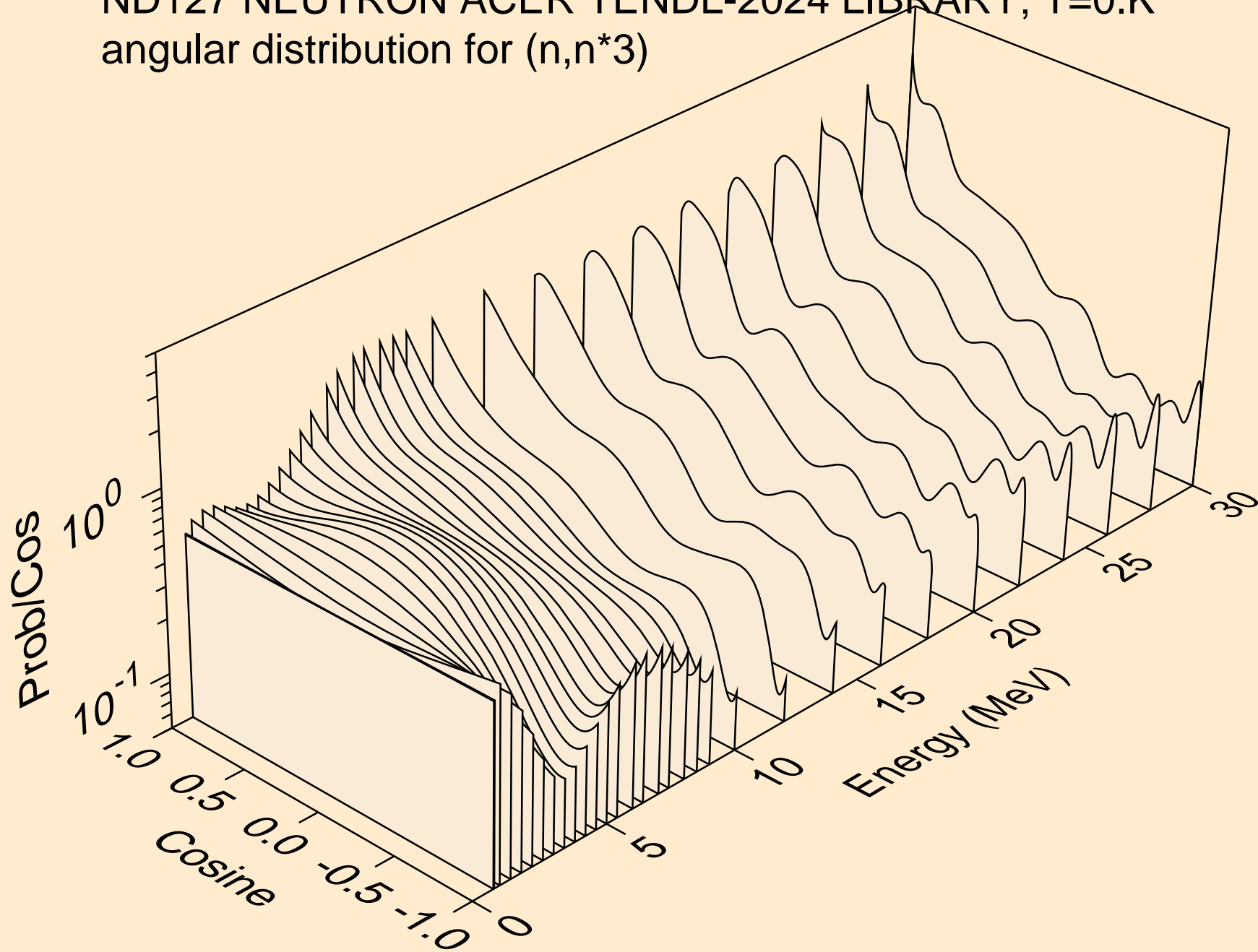
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



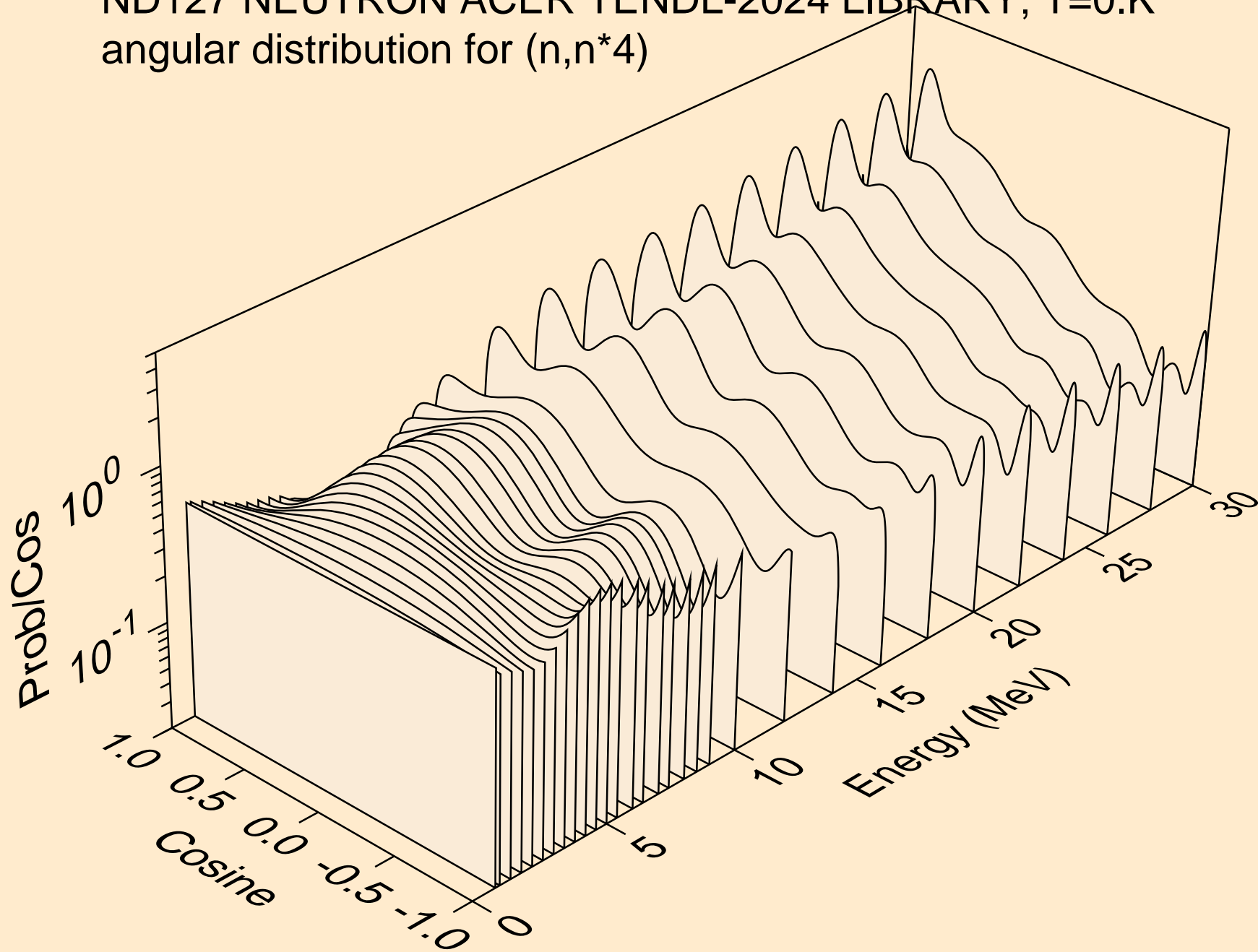
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angular distribution for (n,n\*2)



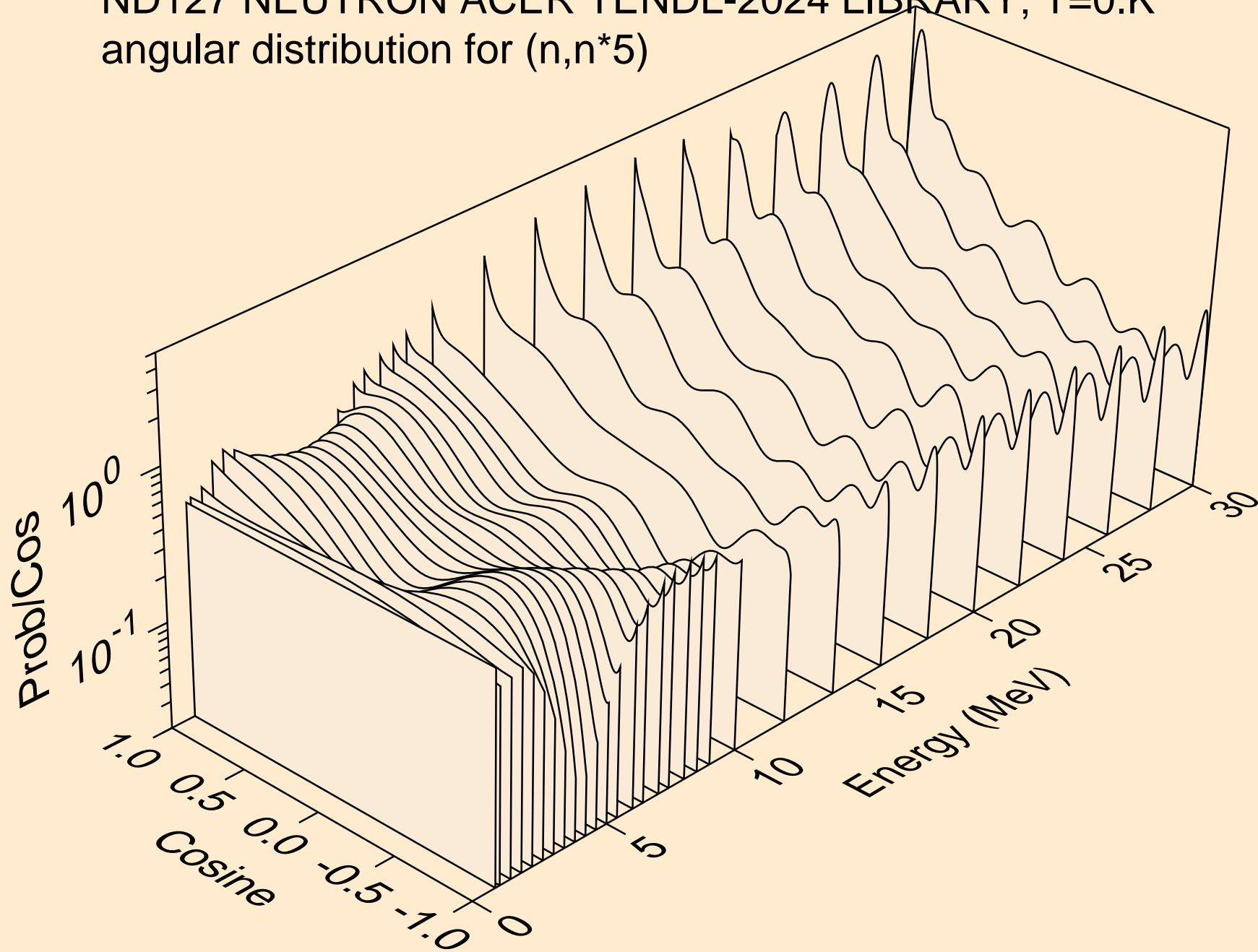
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

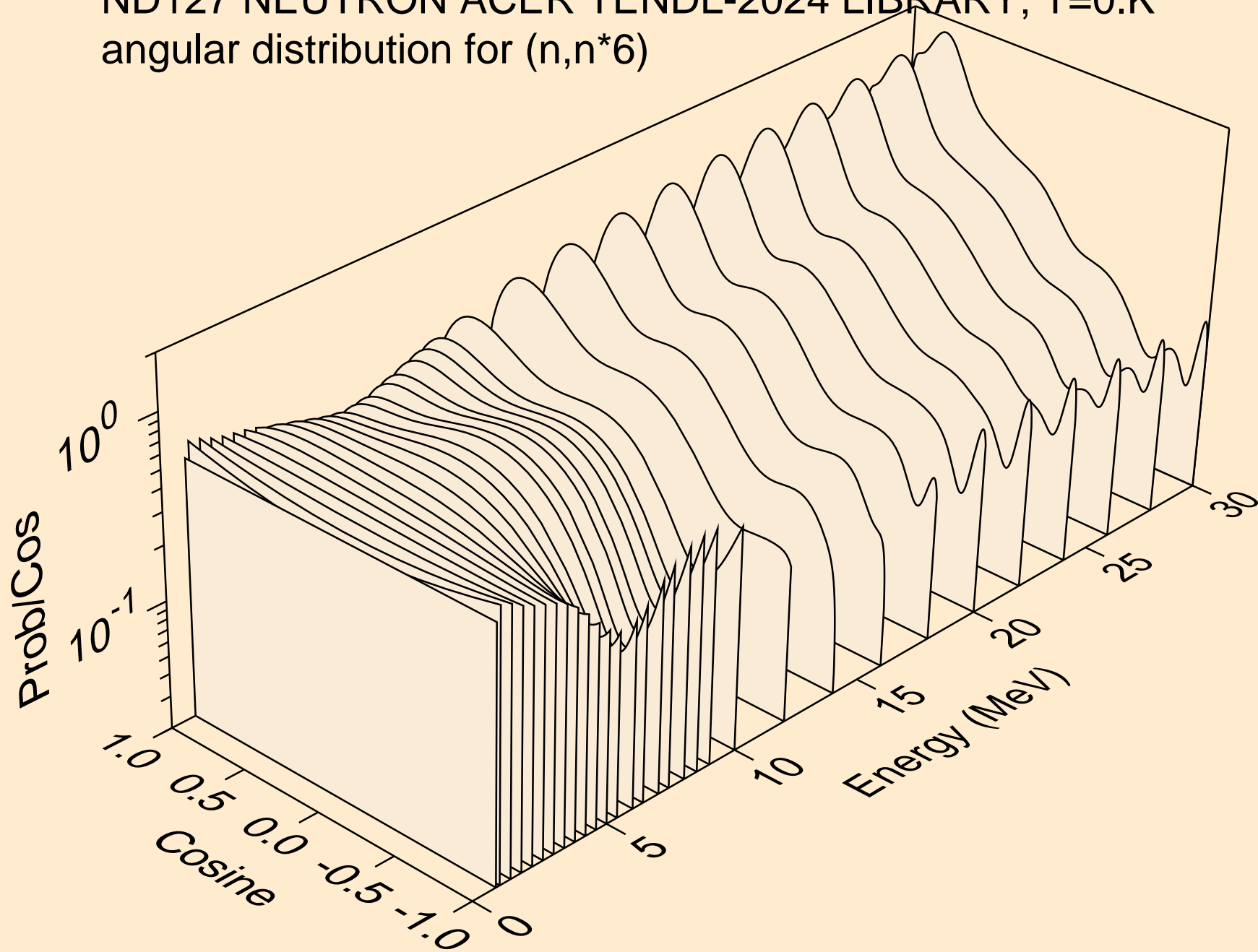


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

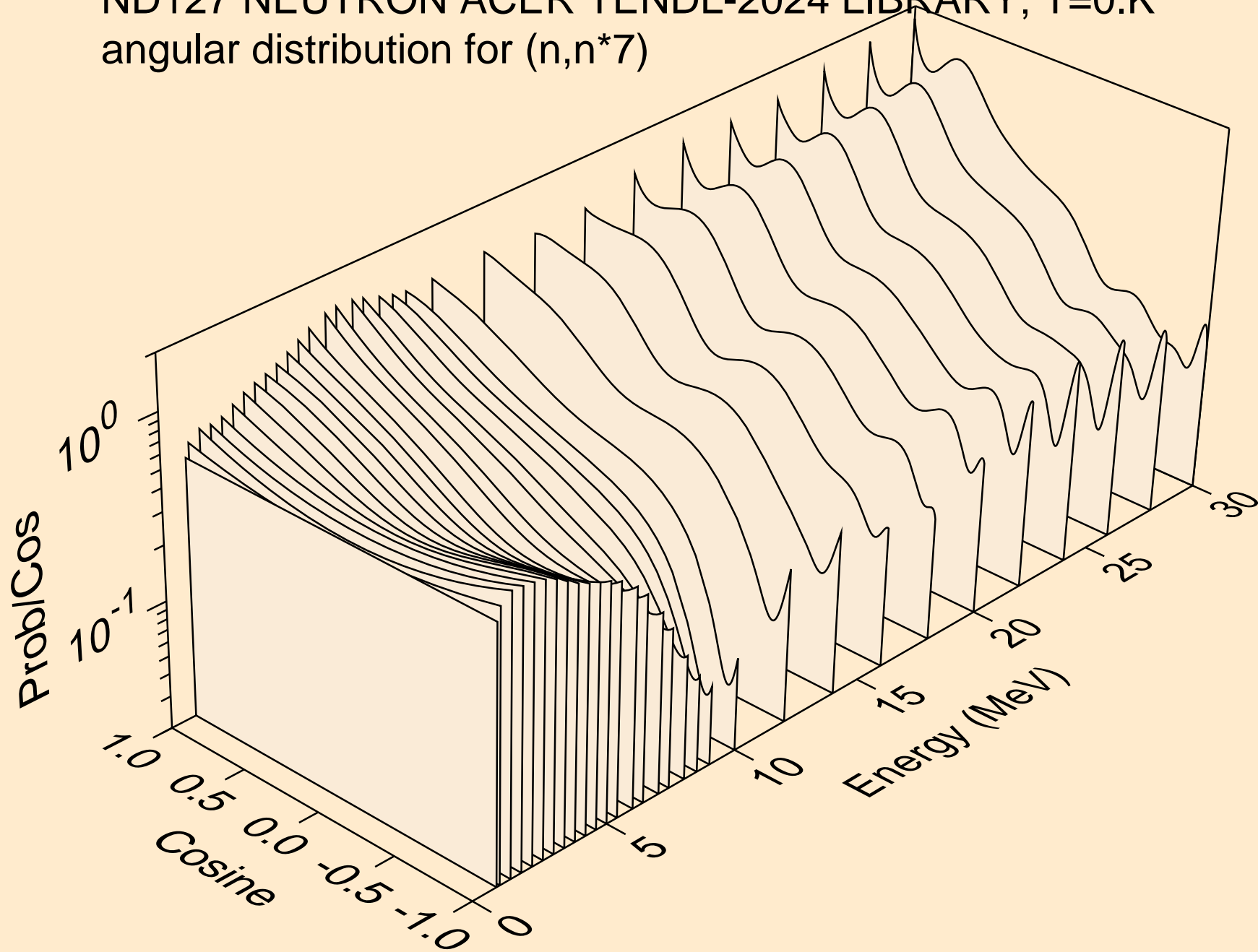




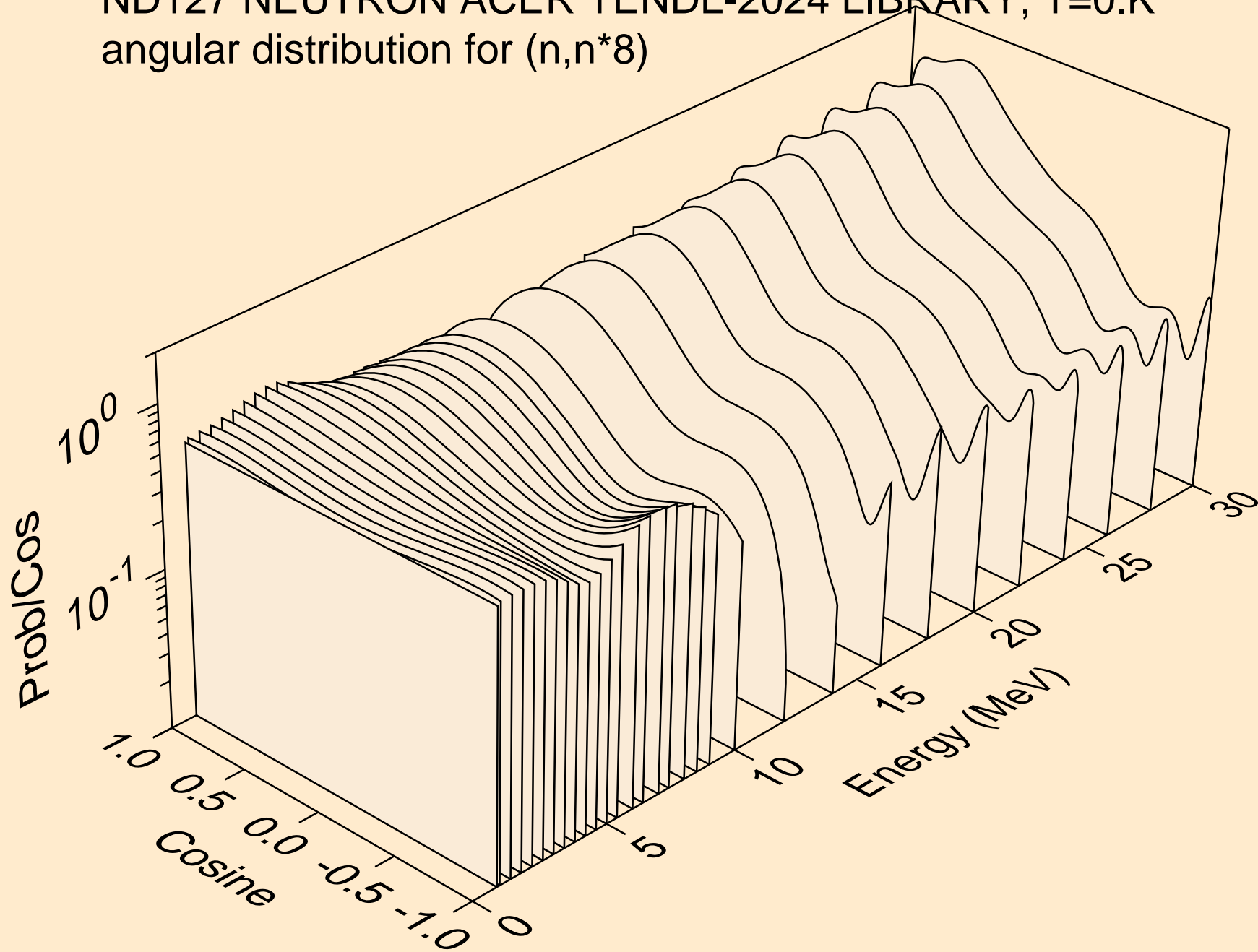
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angular distribution for (n,n\*6)



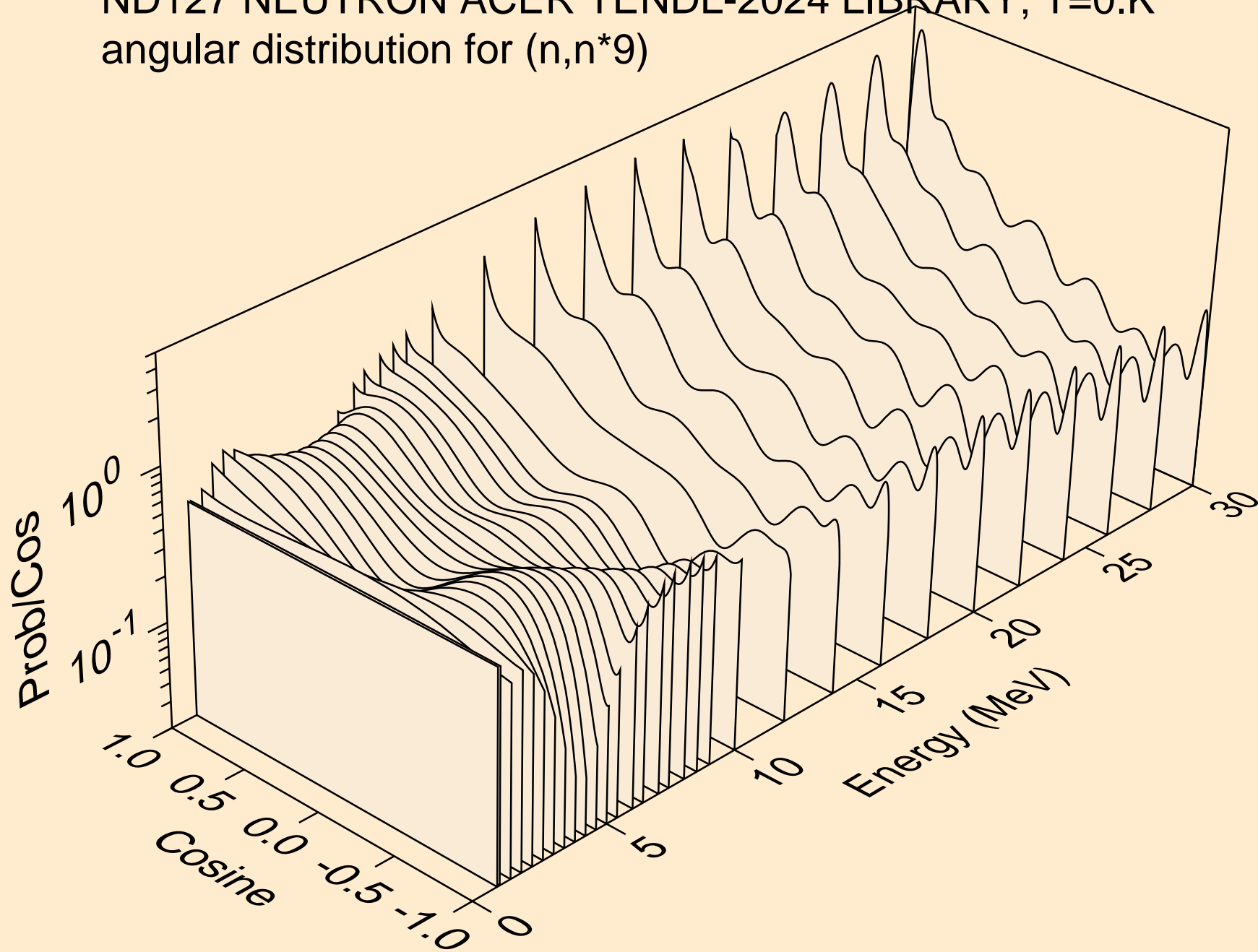
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angular distribution for (n,n\*7)



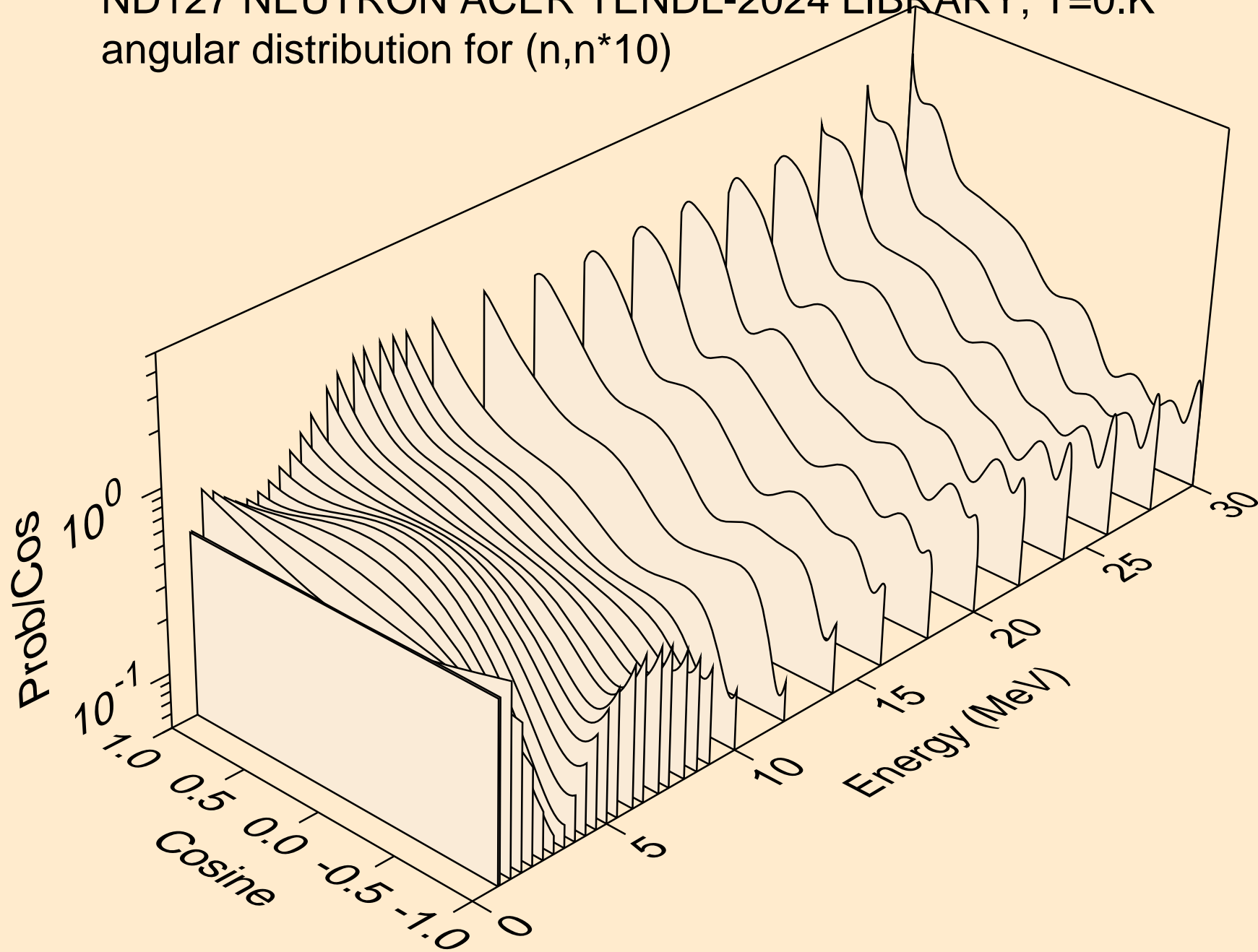
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angular distribution for (n,n\*8)



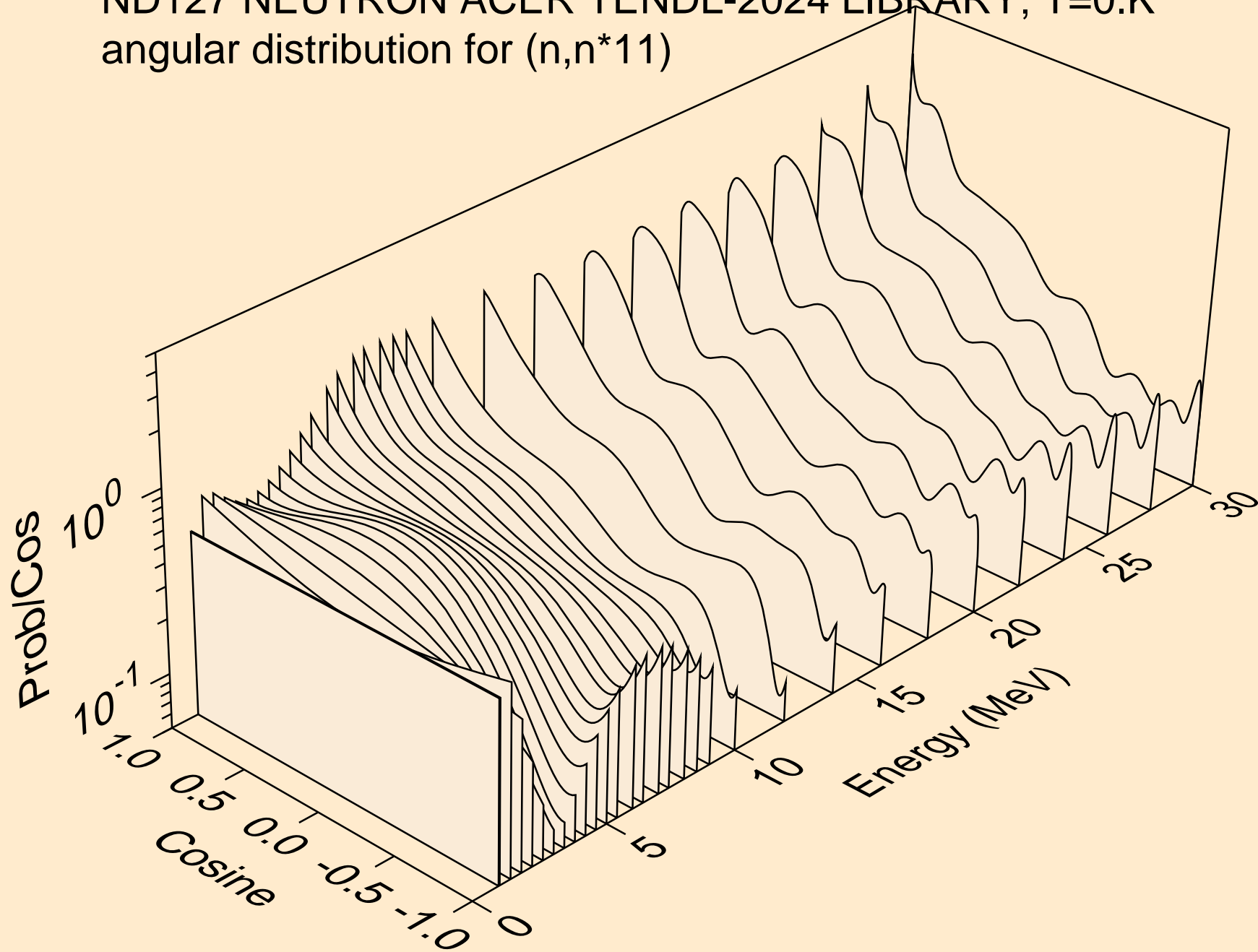
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angular distribution for (n,n\*9)



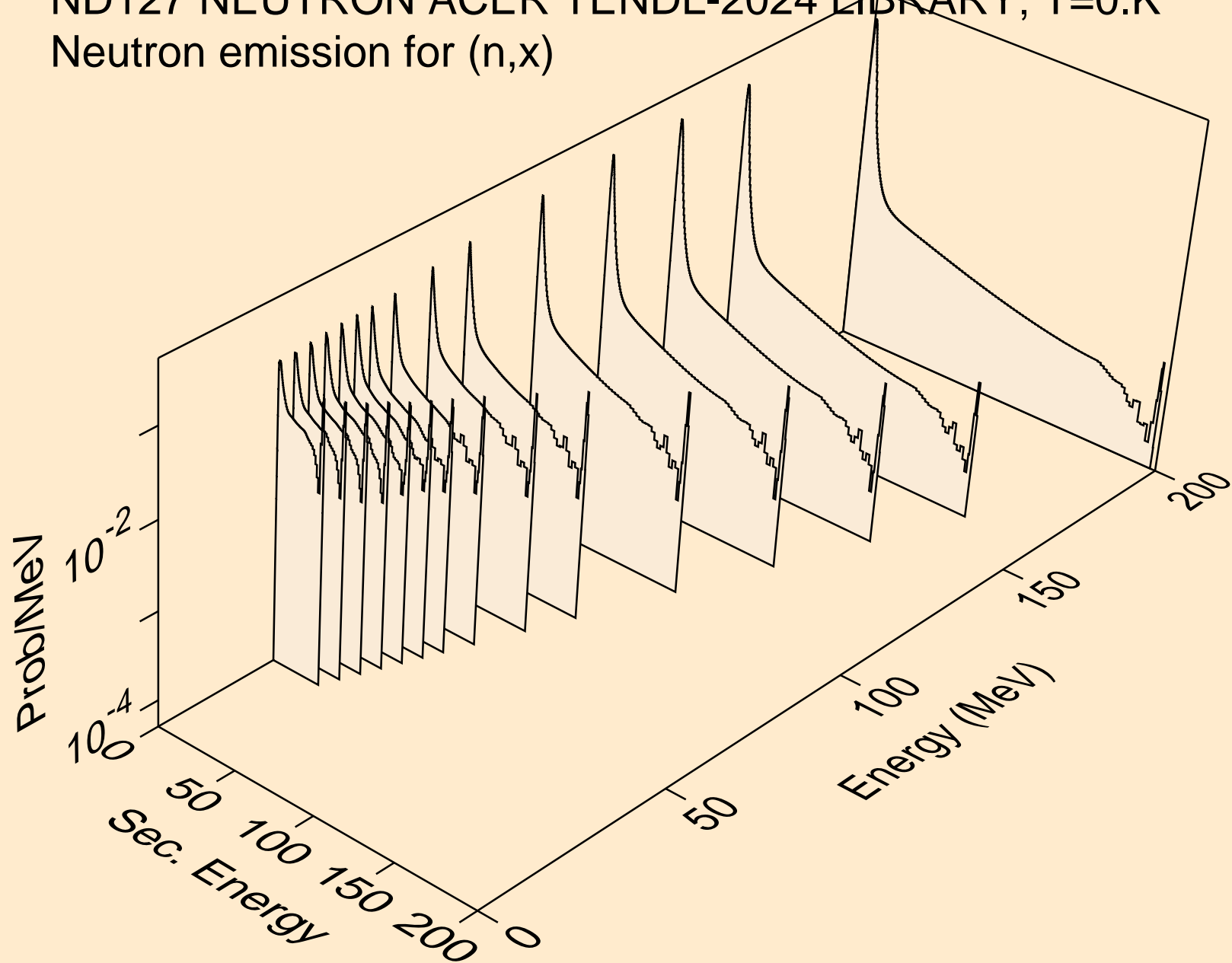
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angular distribution for (n,n\*10)



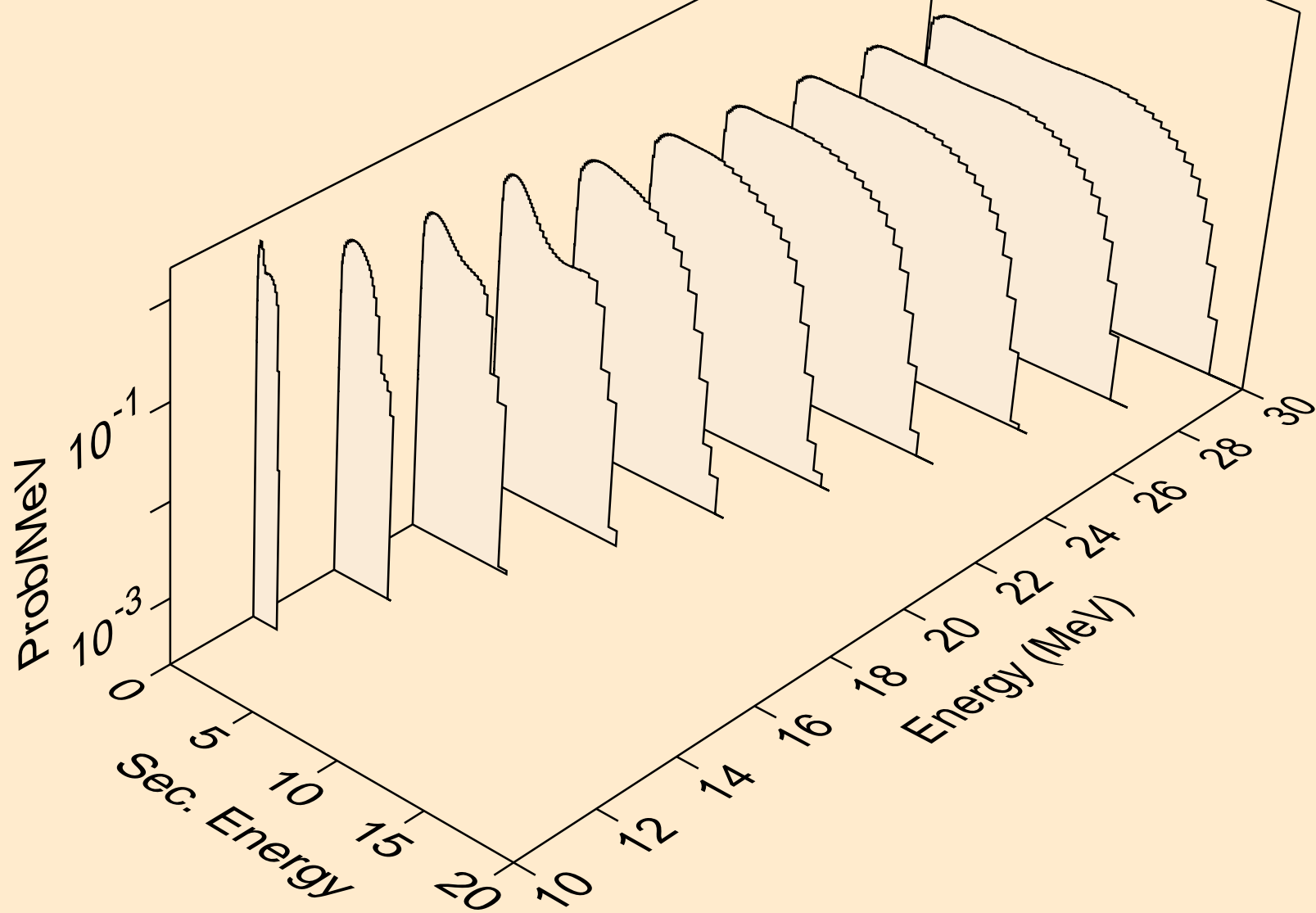
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

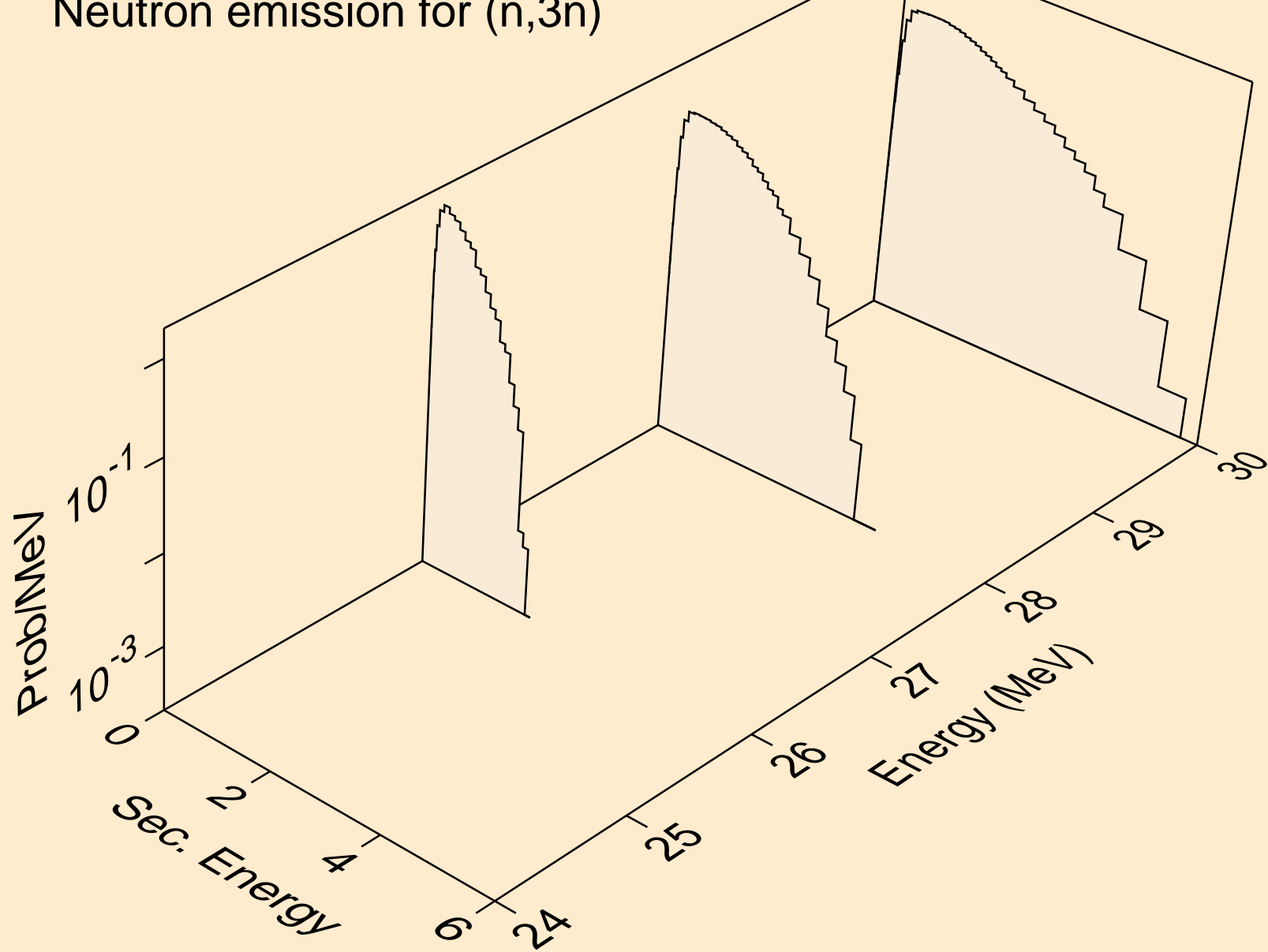


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

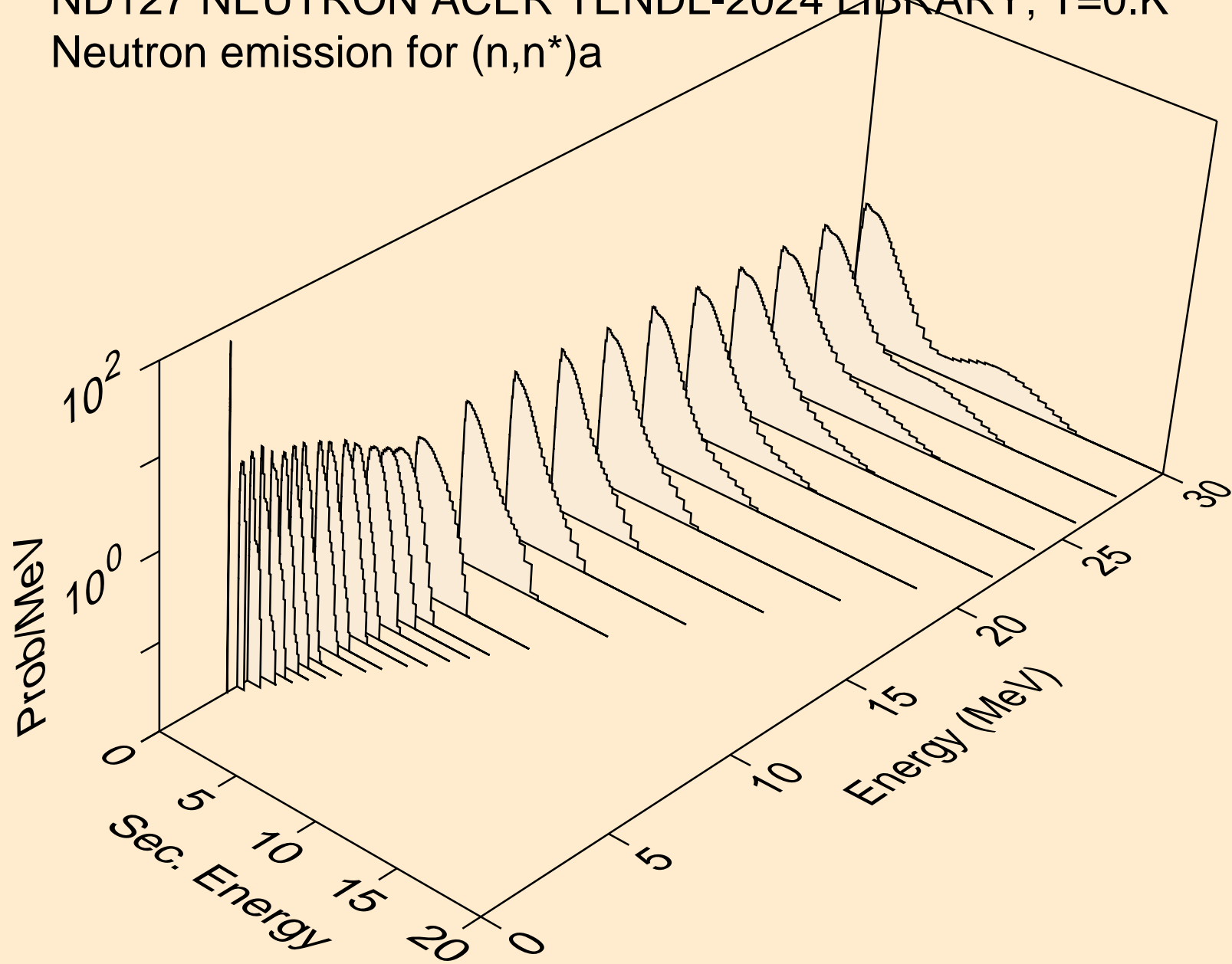




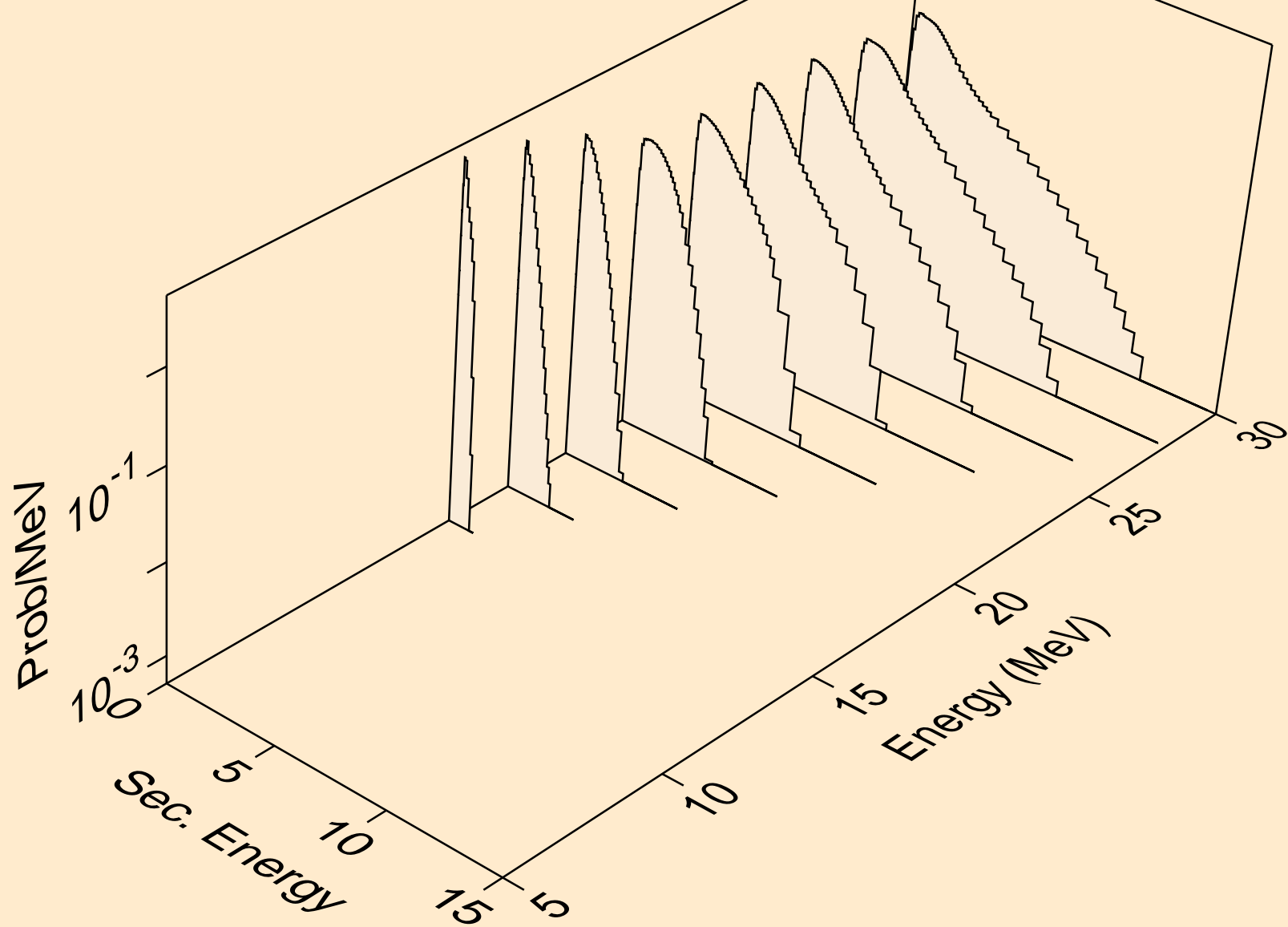
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



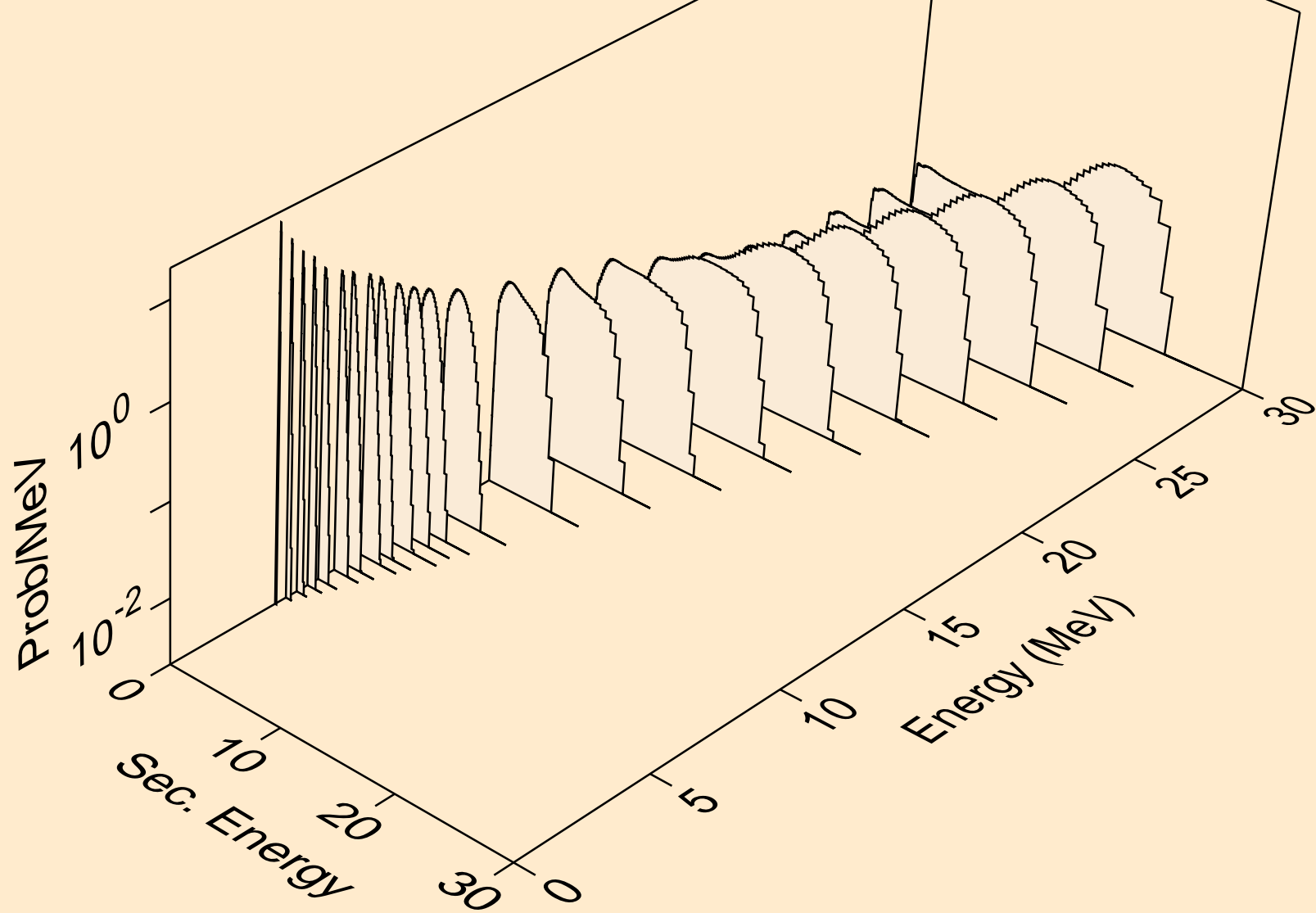
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



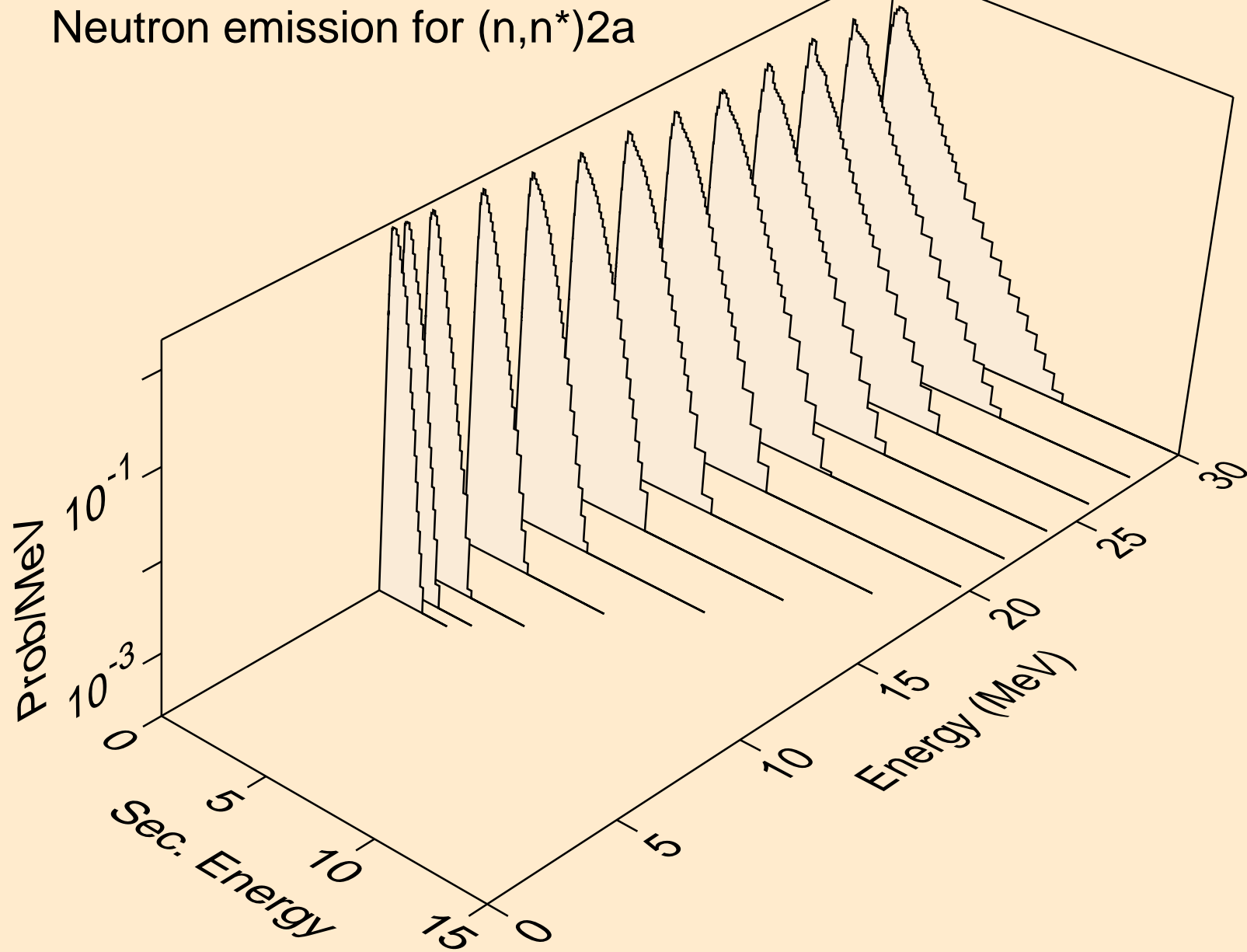
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



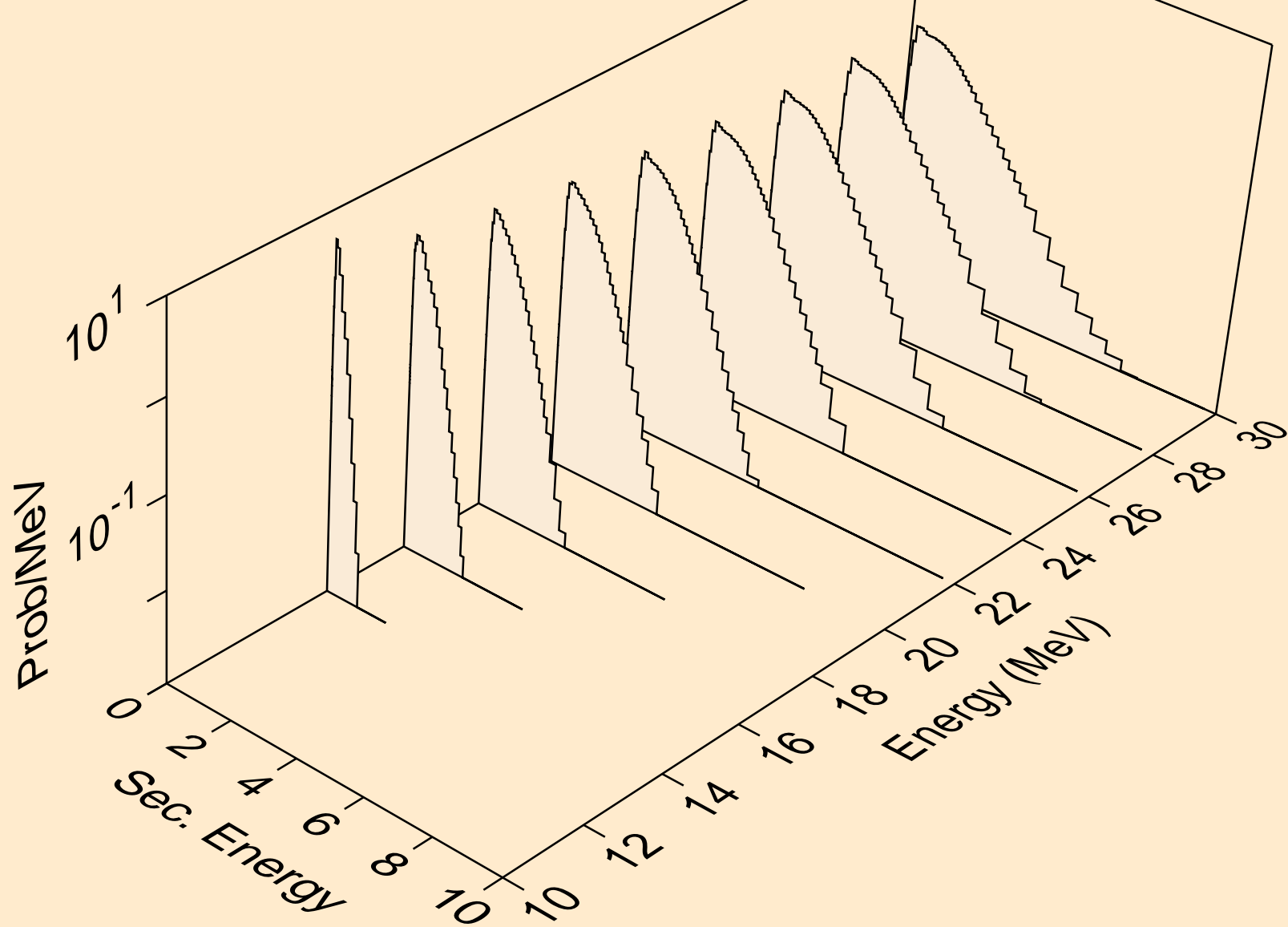
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



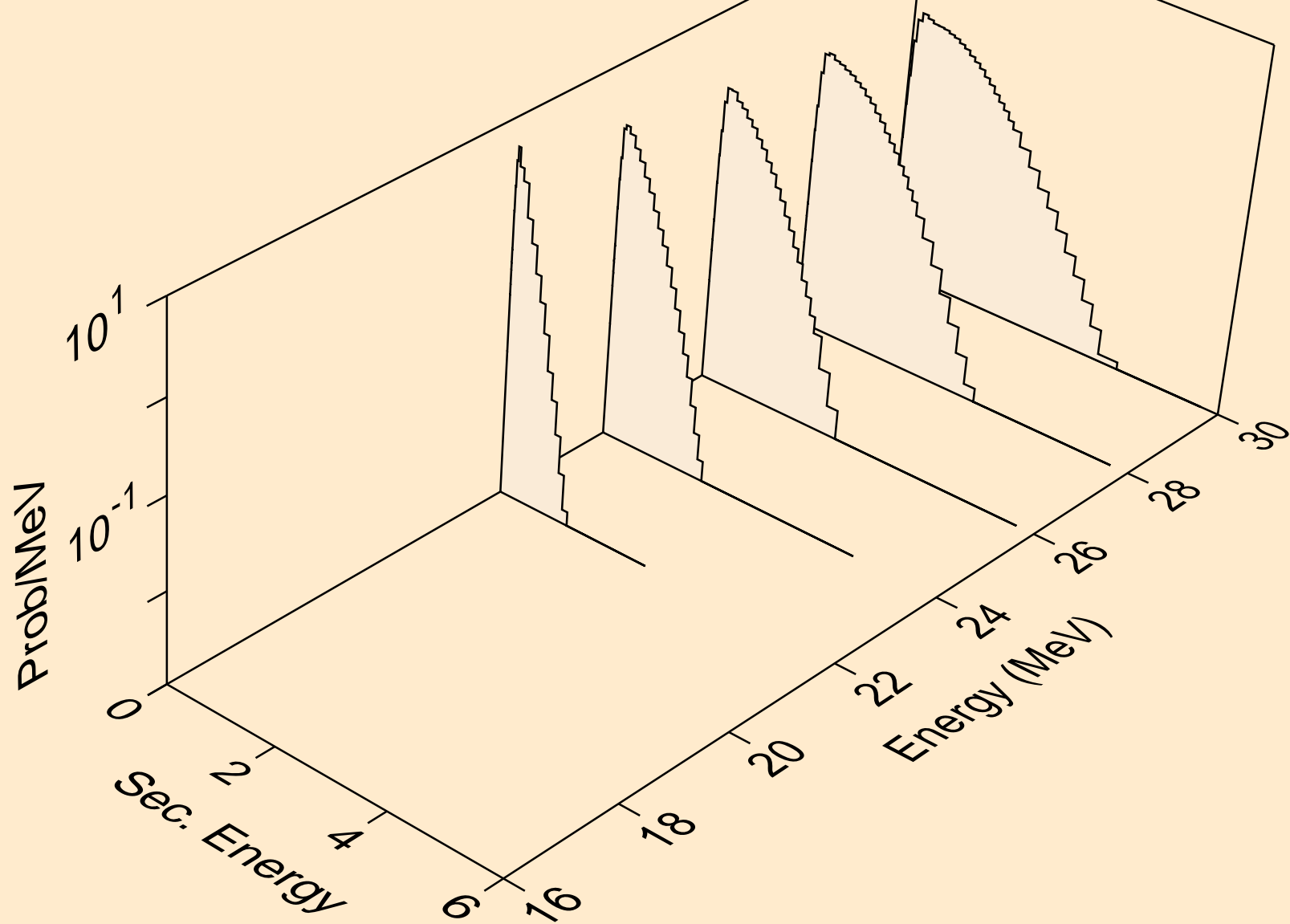
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Neutron emission for (n,n\*)2a



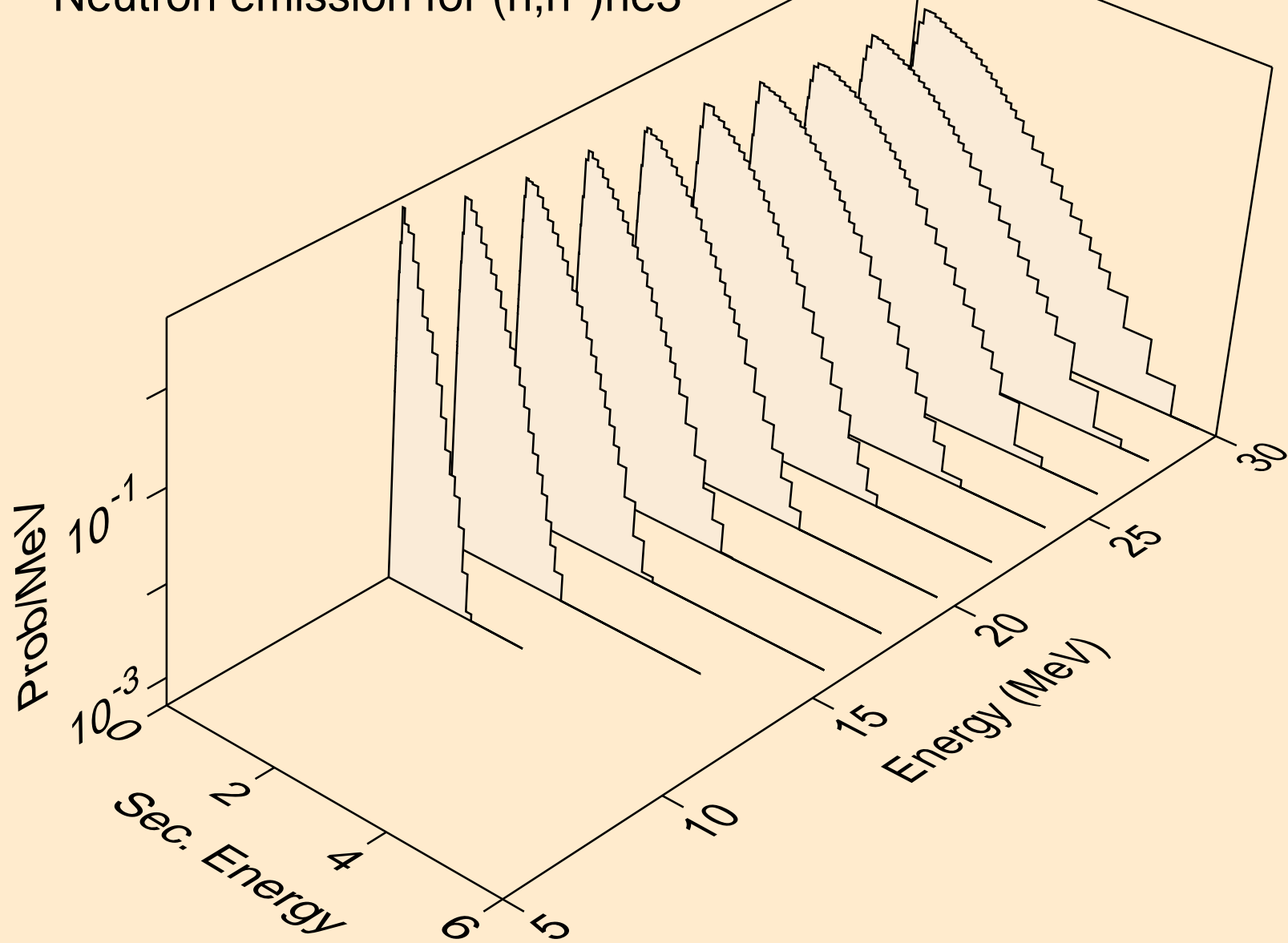
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

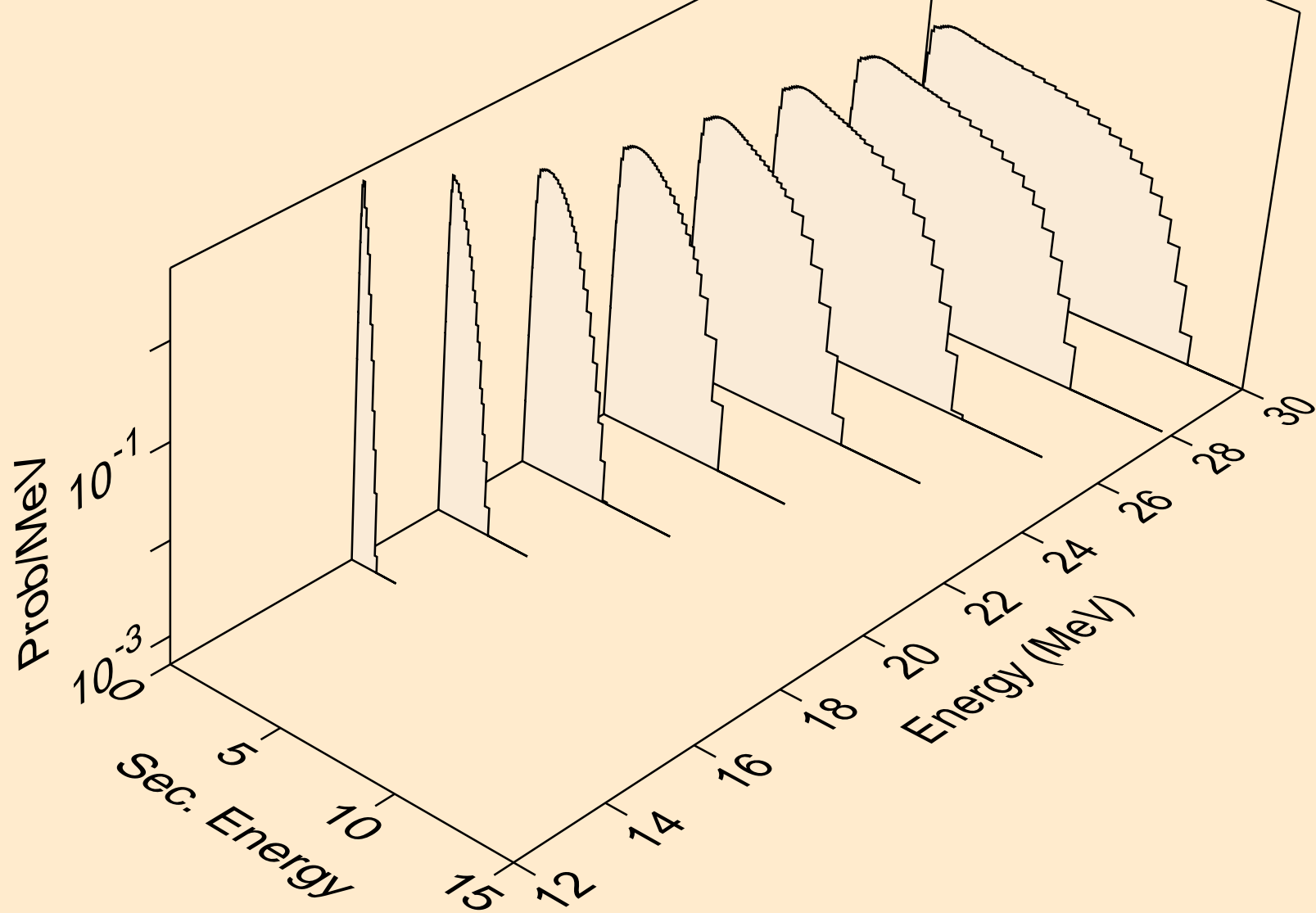


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

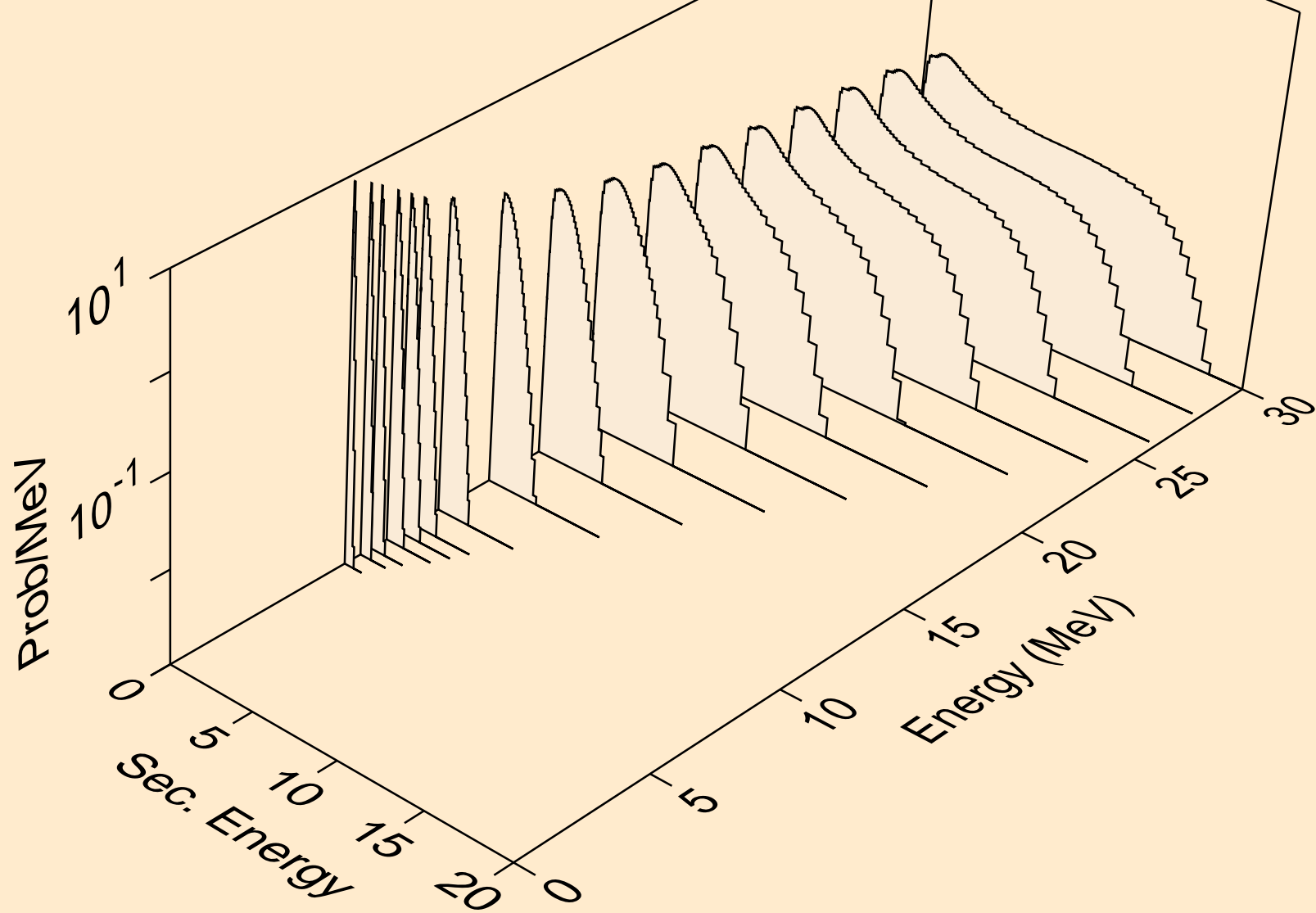




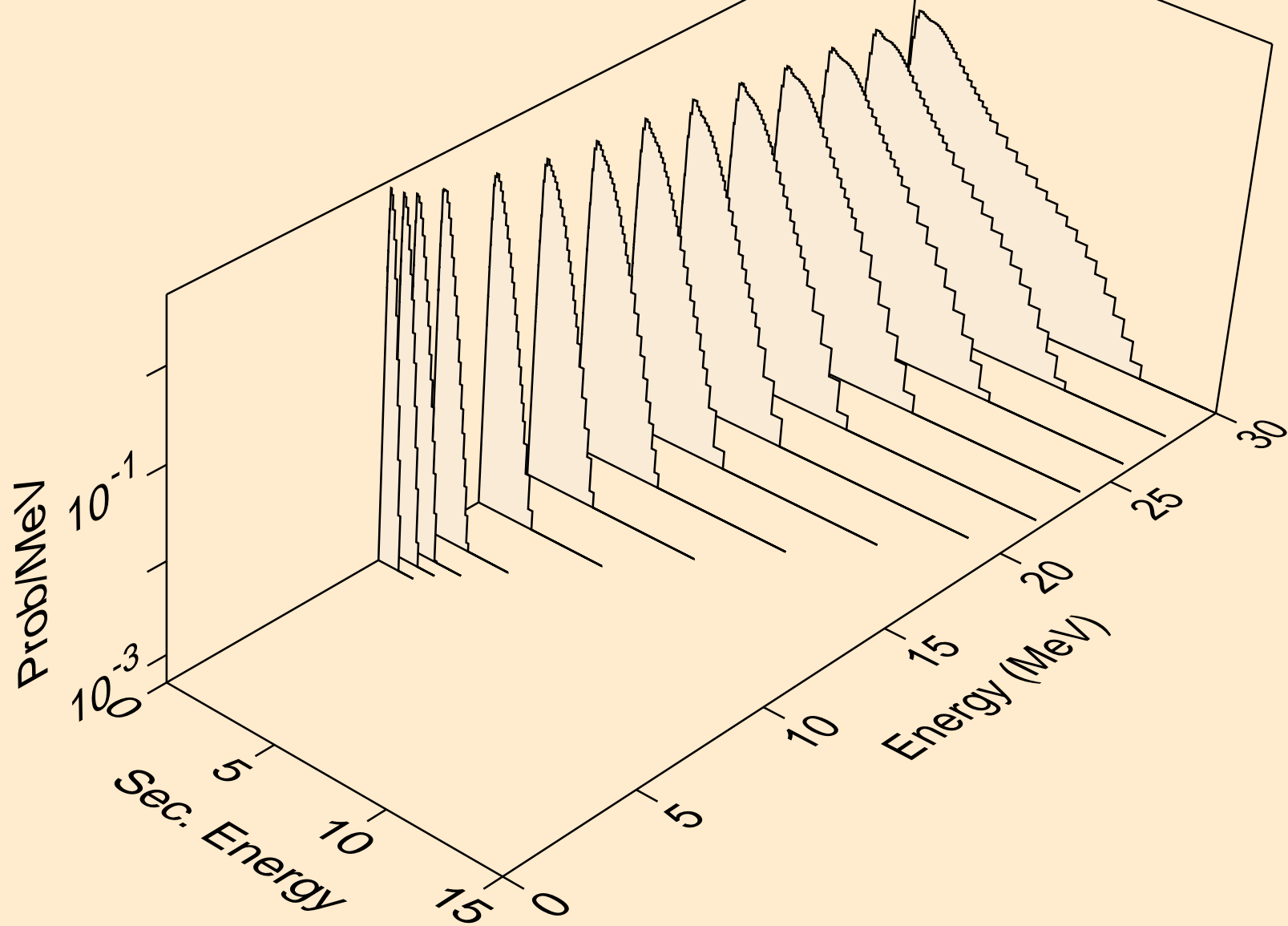
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Neutron emission for (n,2np)



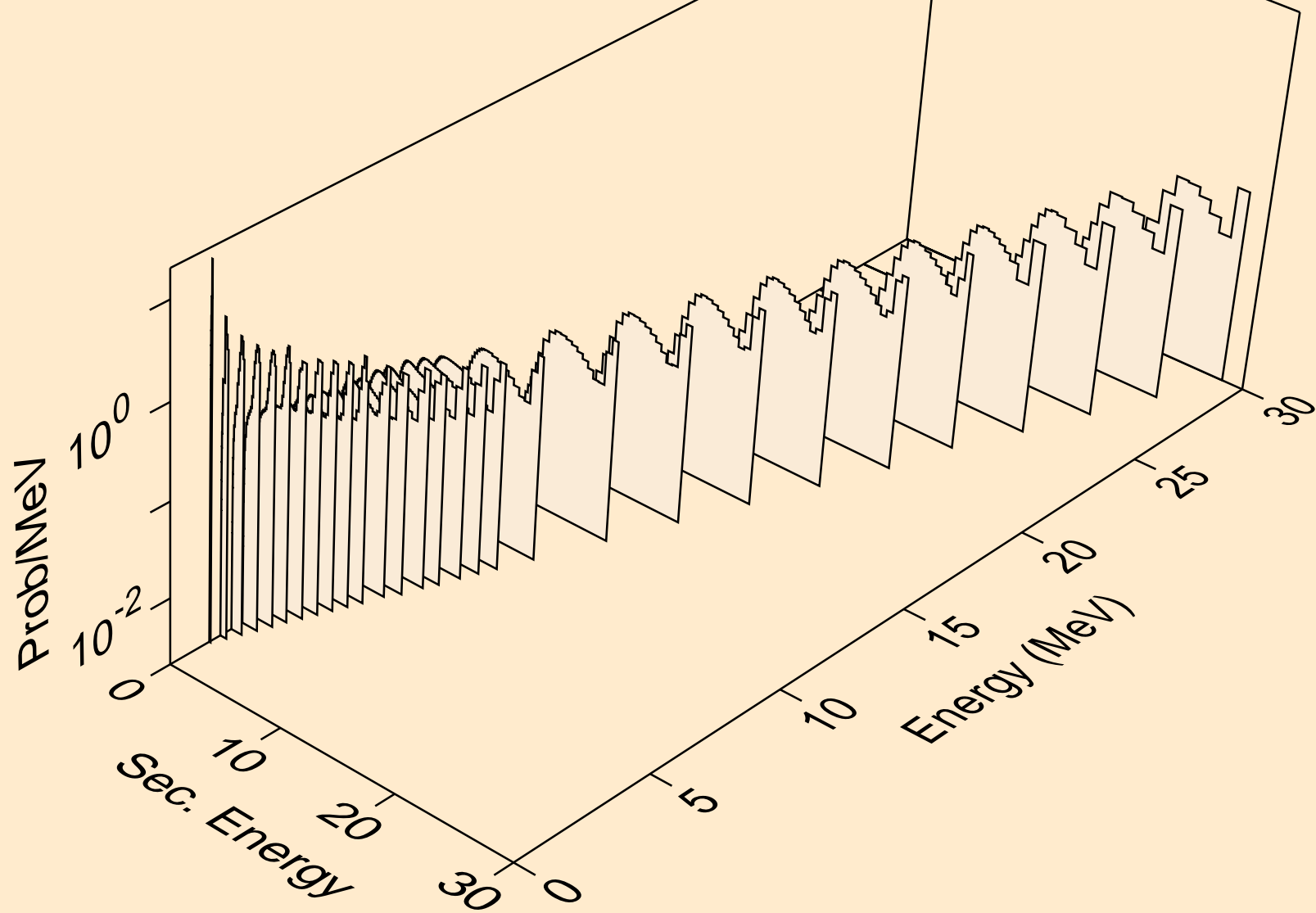
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Neutron emission for (n,n2p)



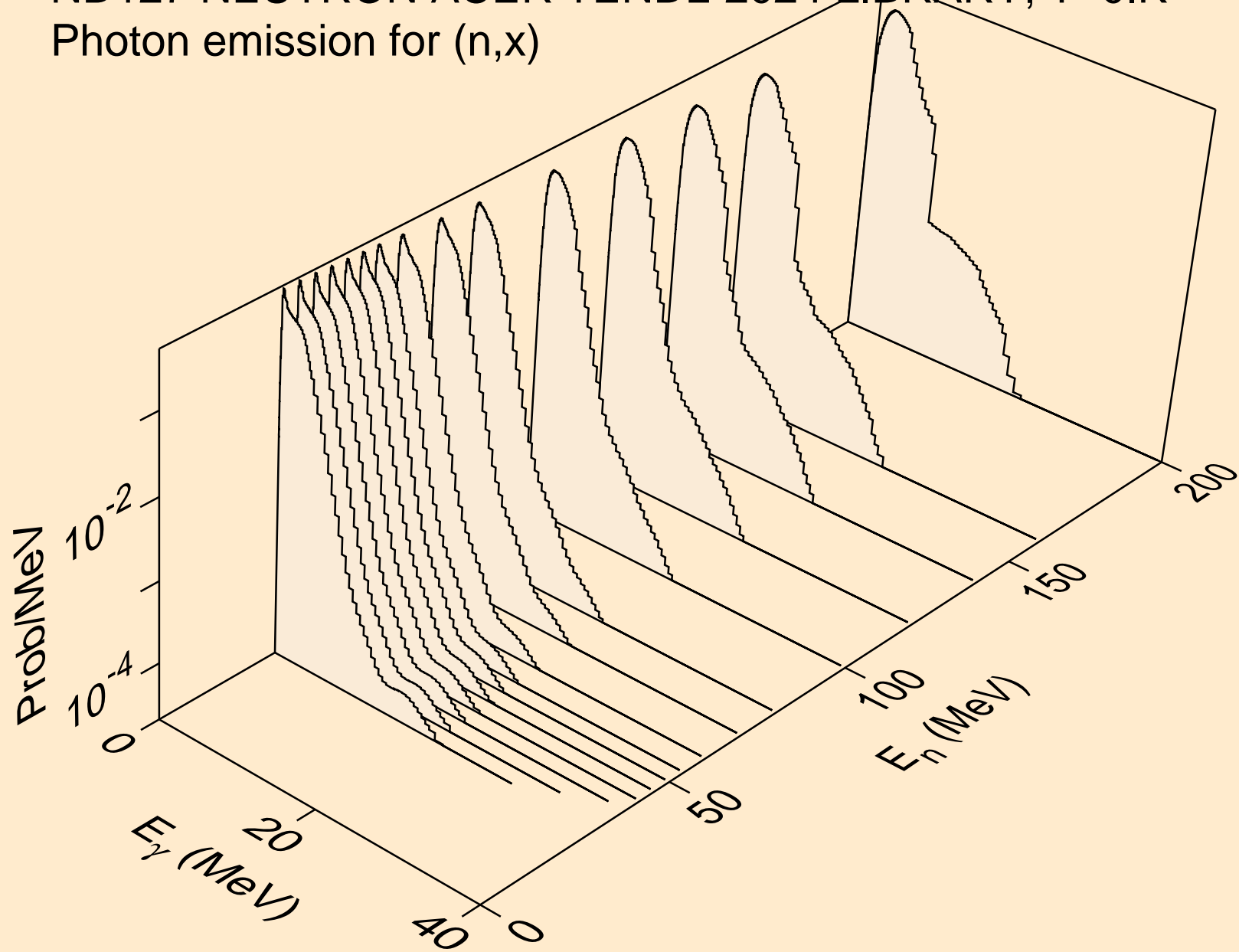
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



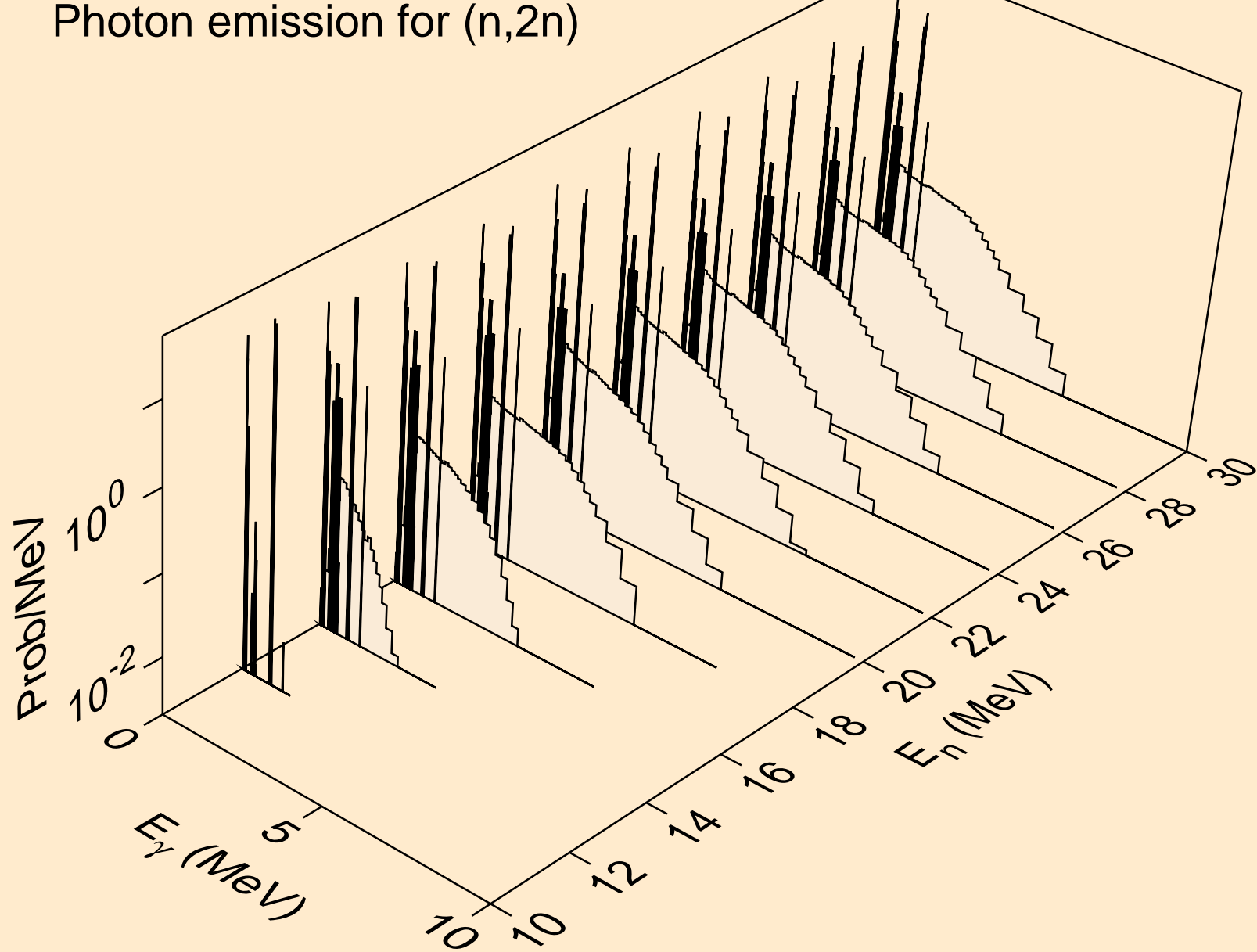
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



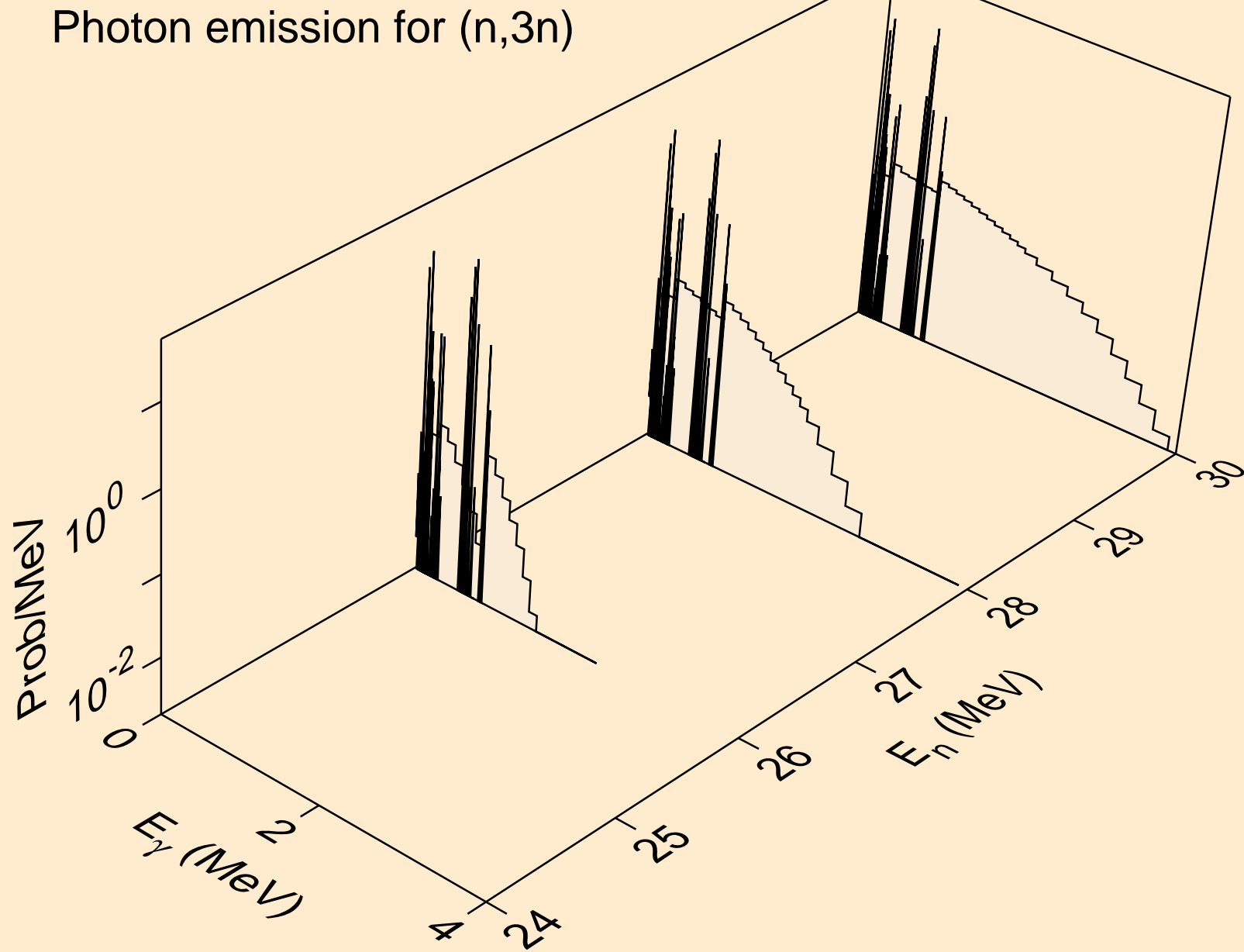
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



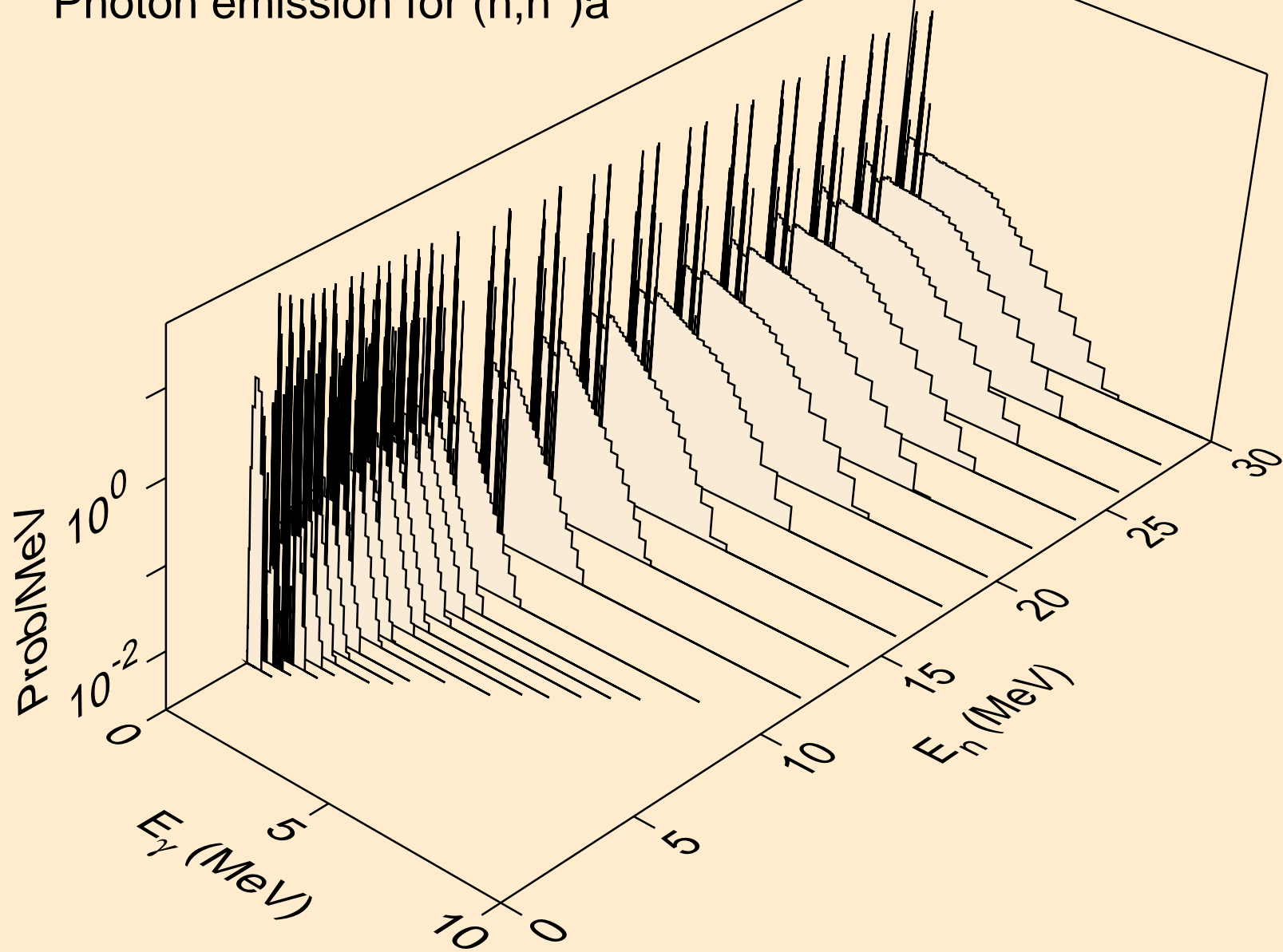
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

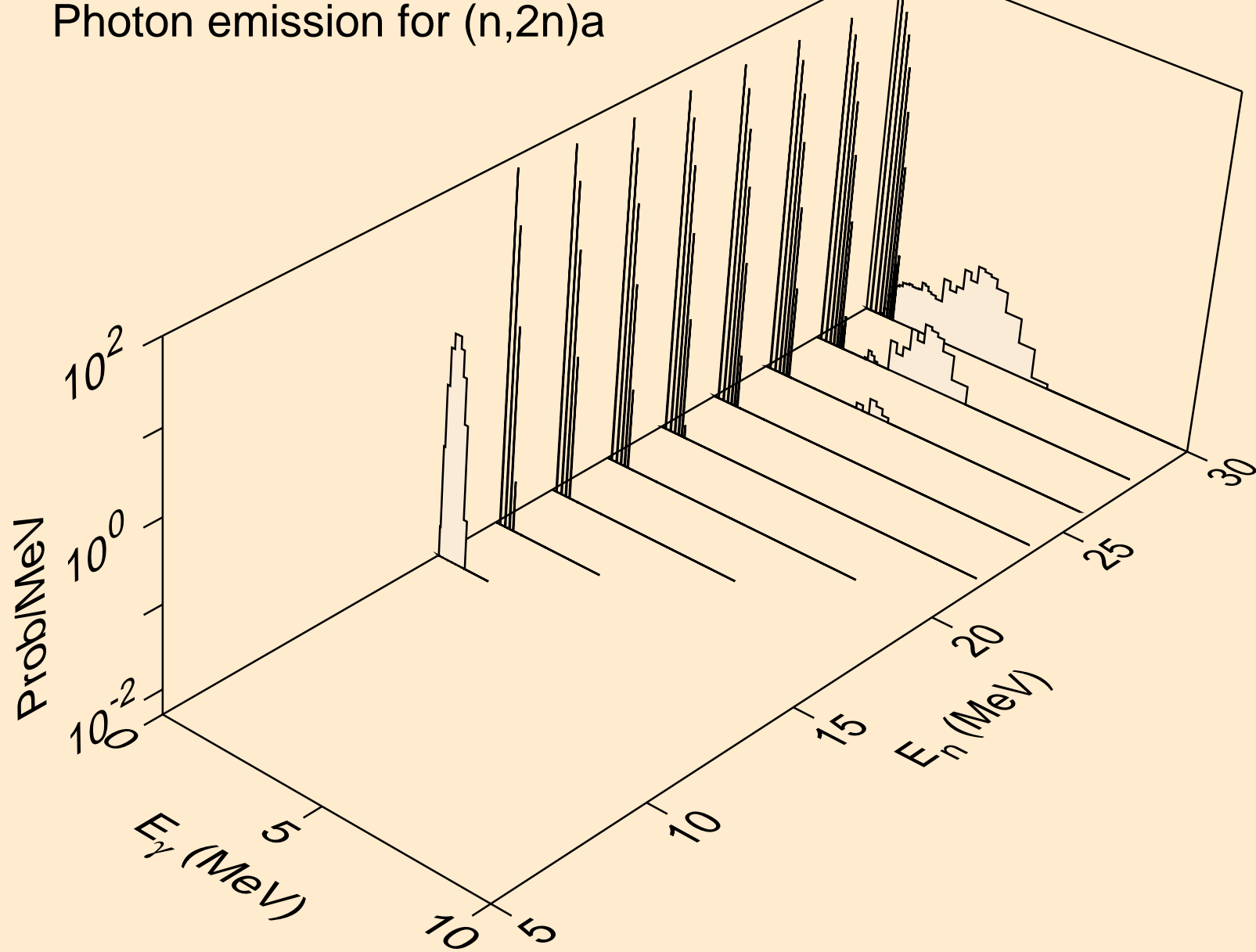


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Photon emission for (n,n\*)a

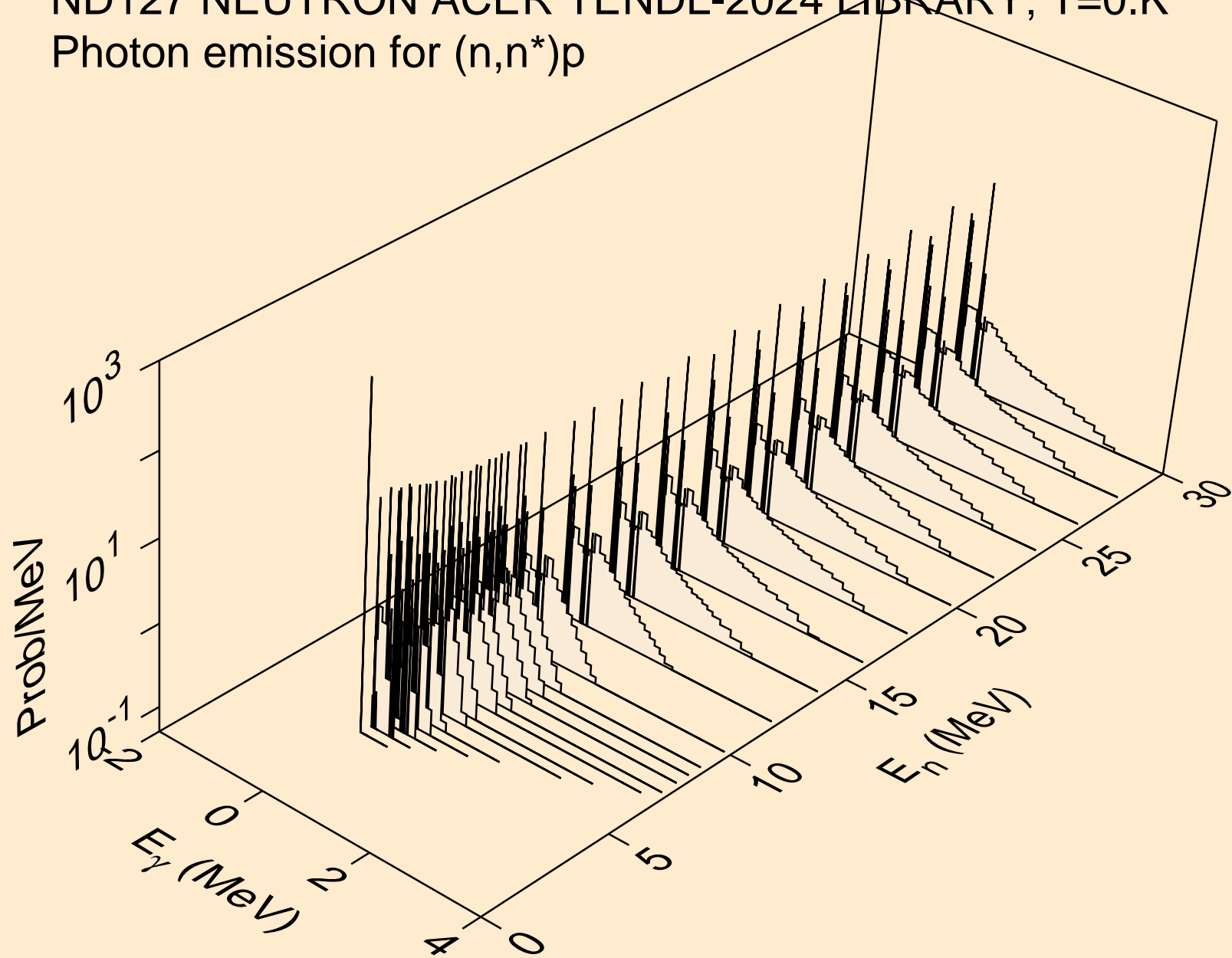




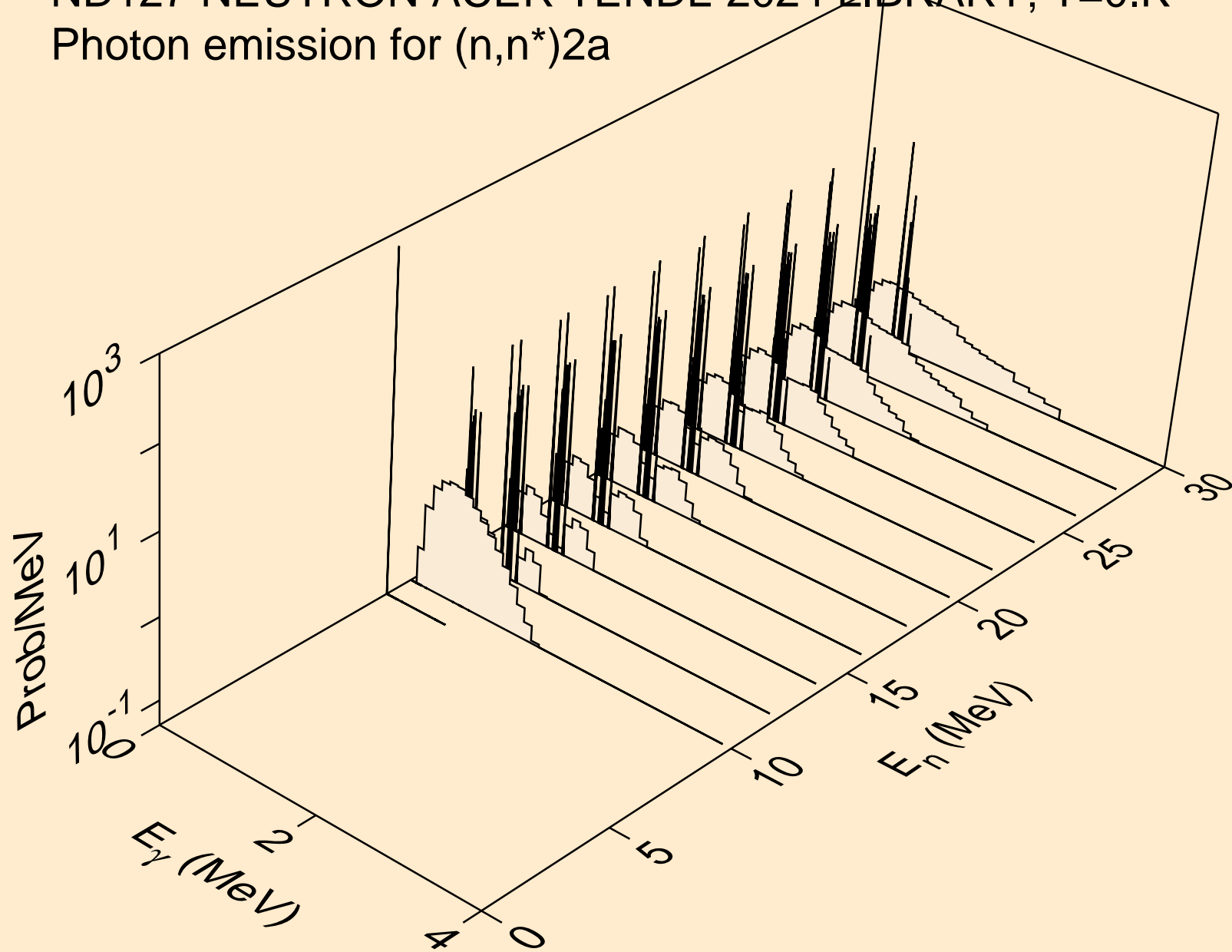
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Photon emission for (n,2n)a



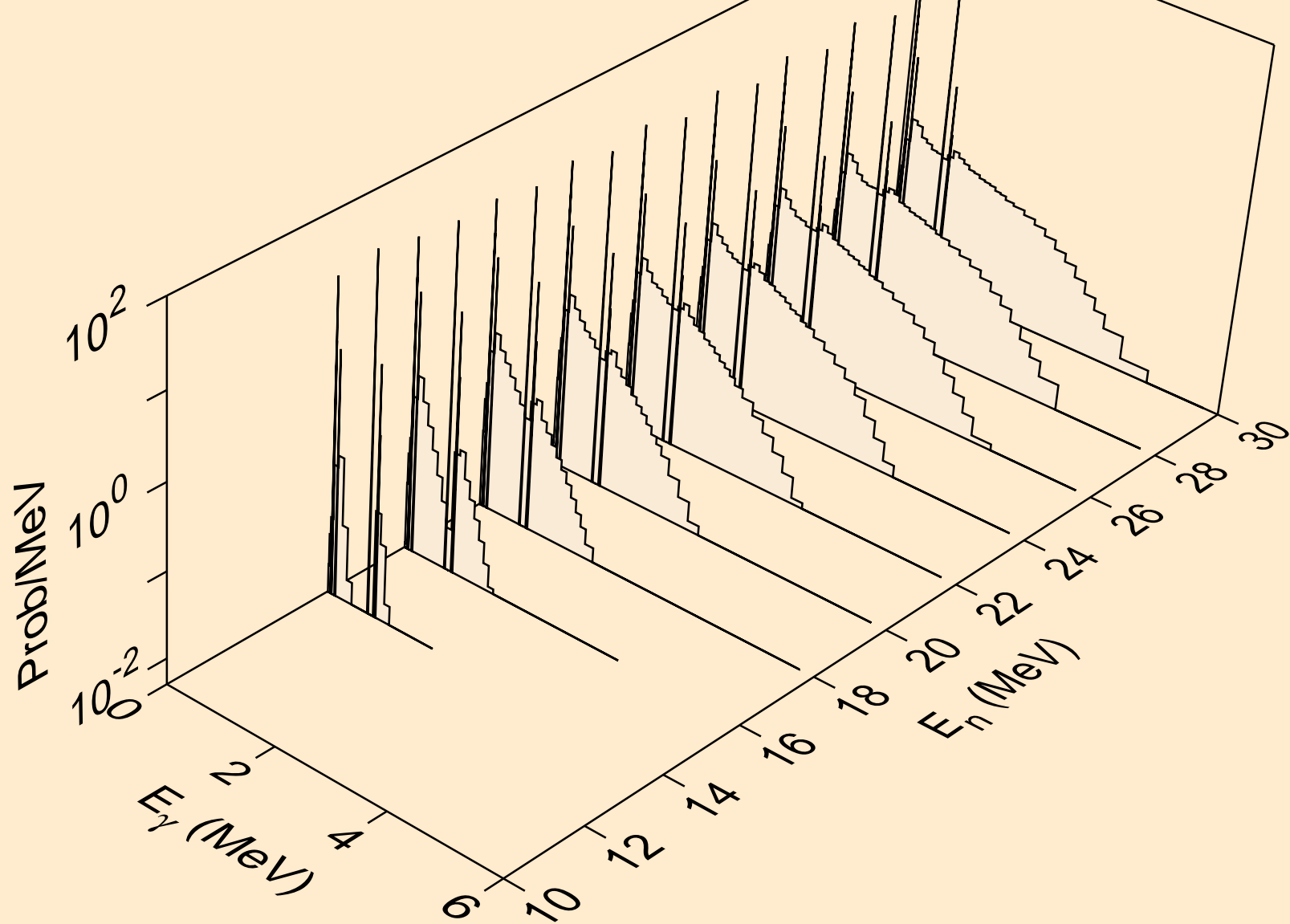
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Photon emission for (n,n\*)p



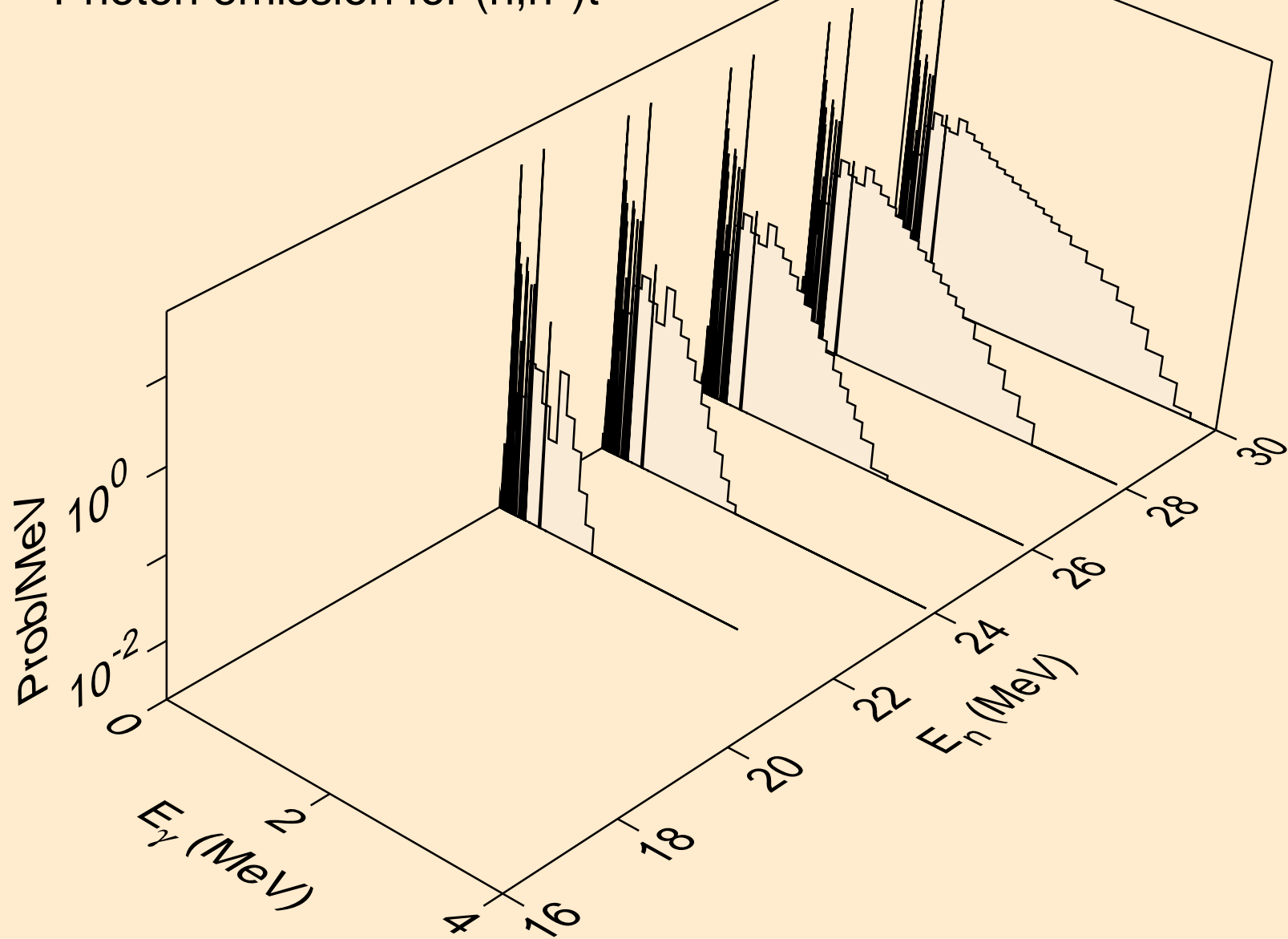
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



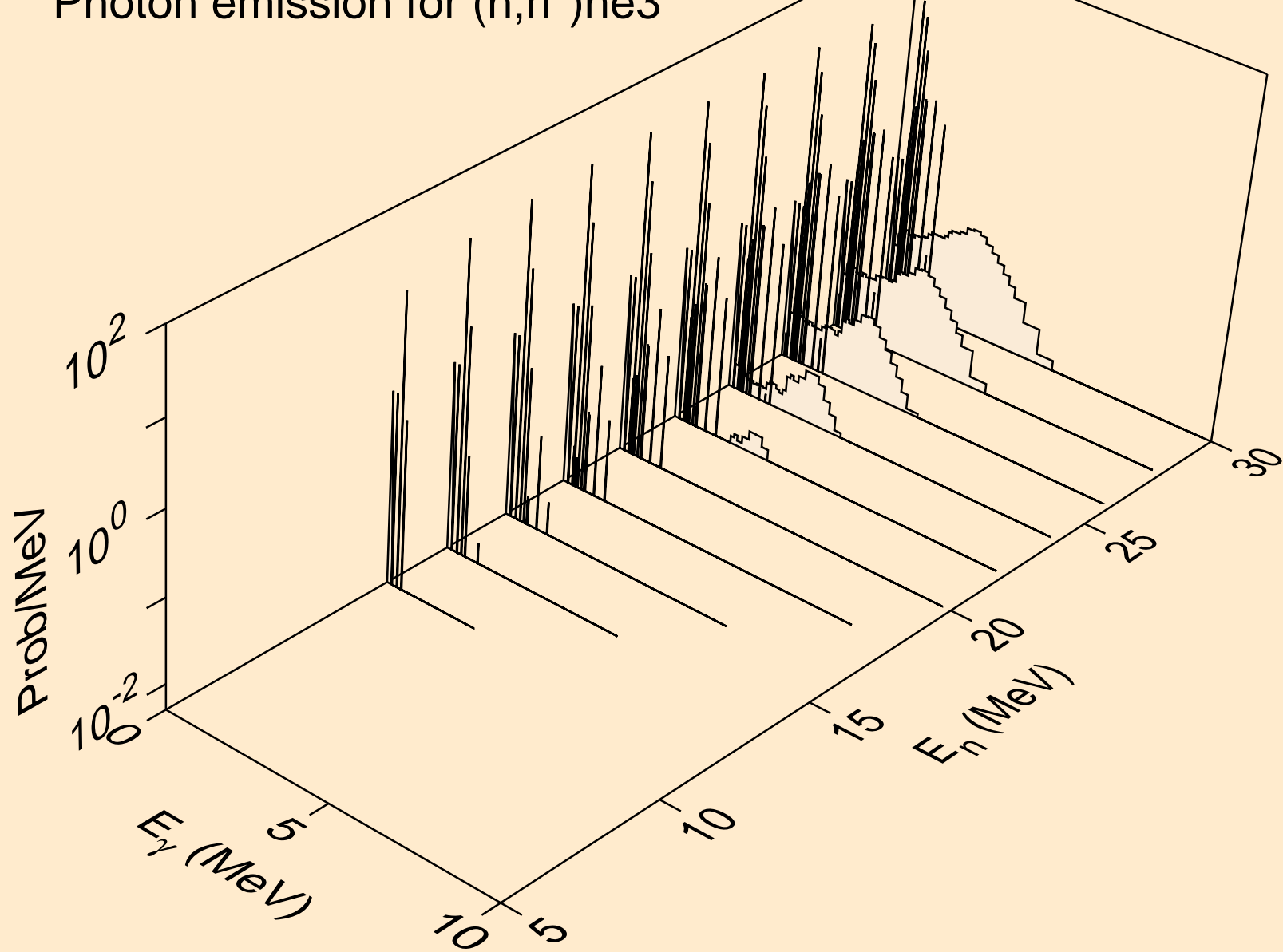
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



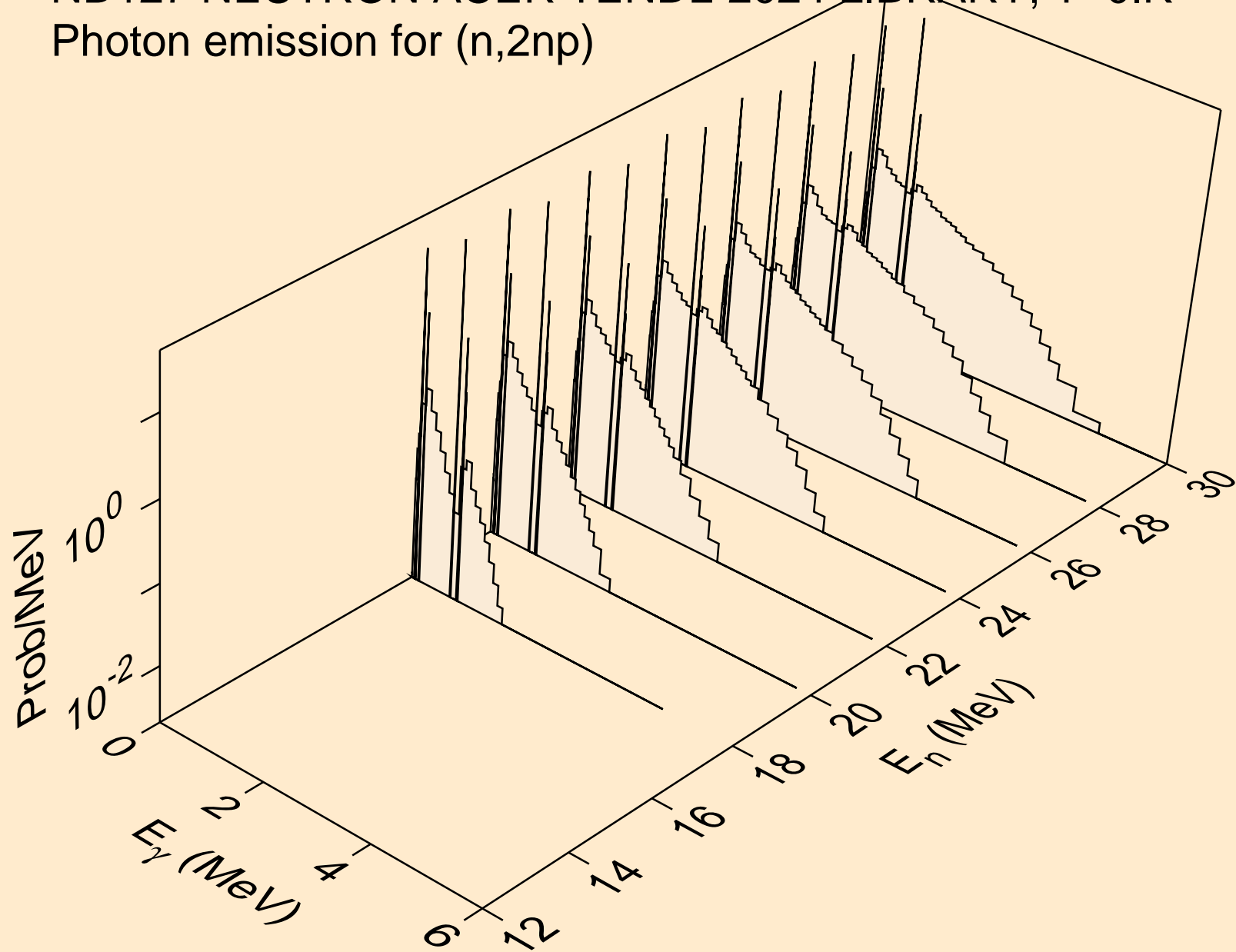
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



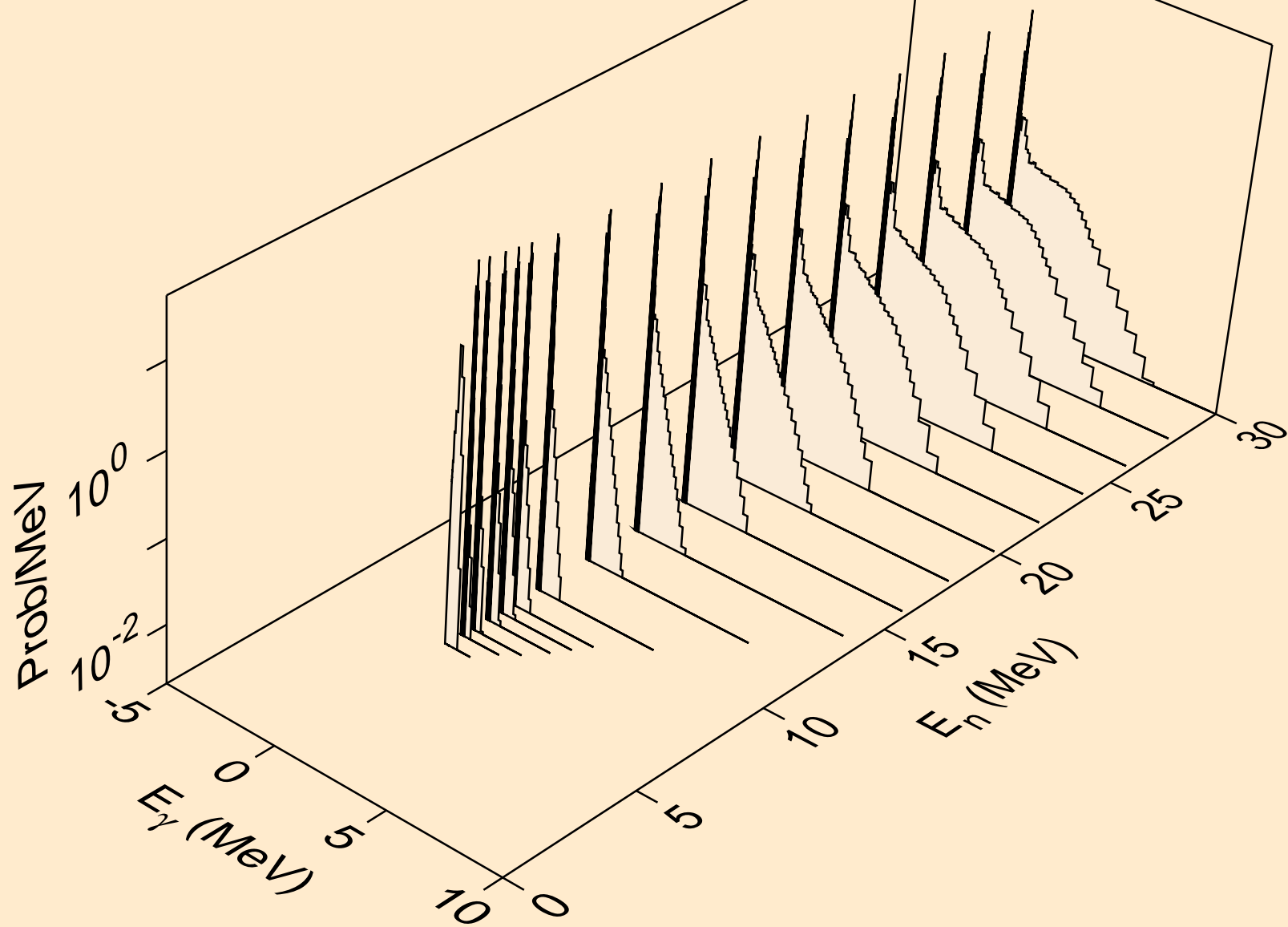
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

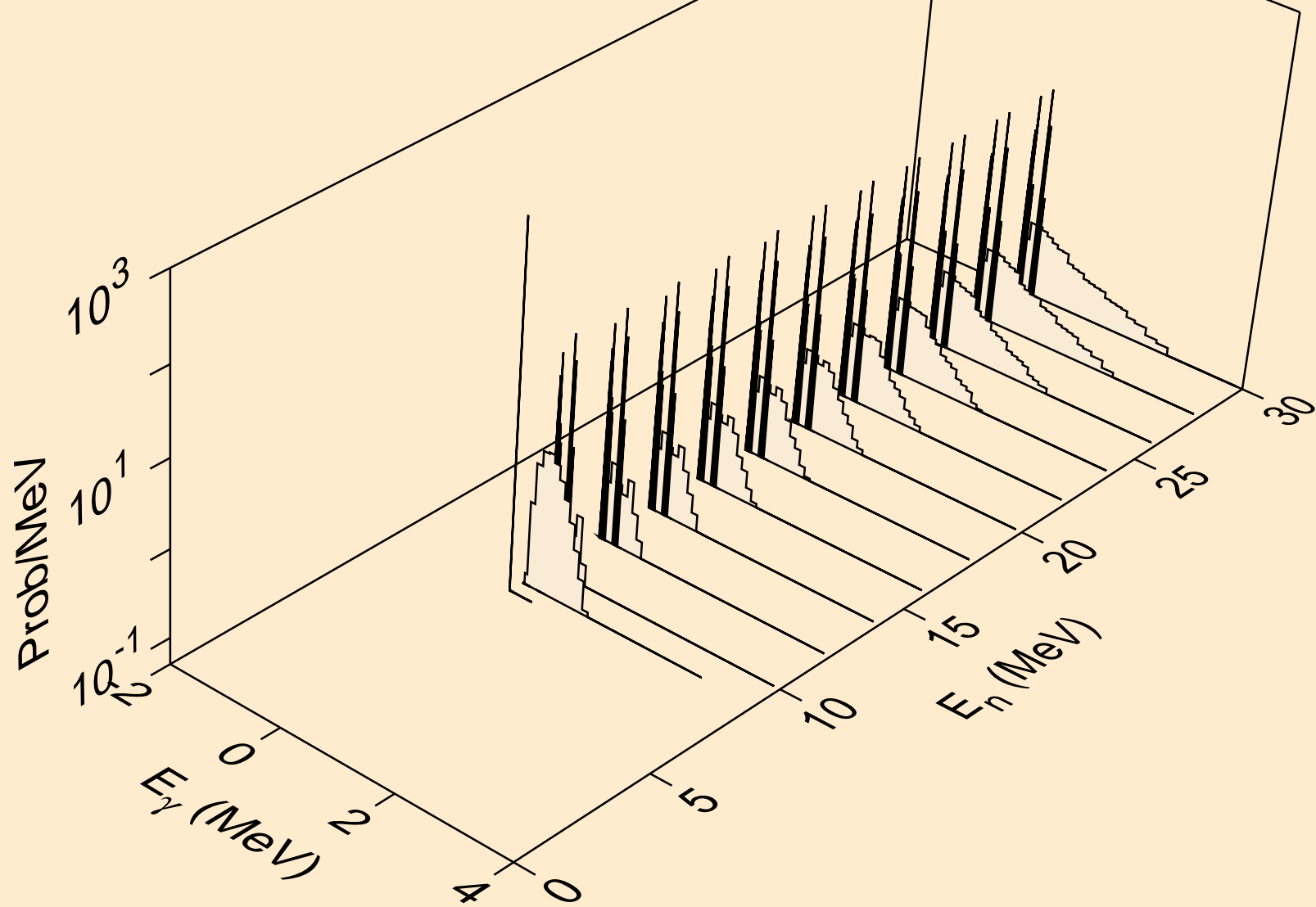


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Photon emission for (n,n2p)

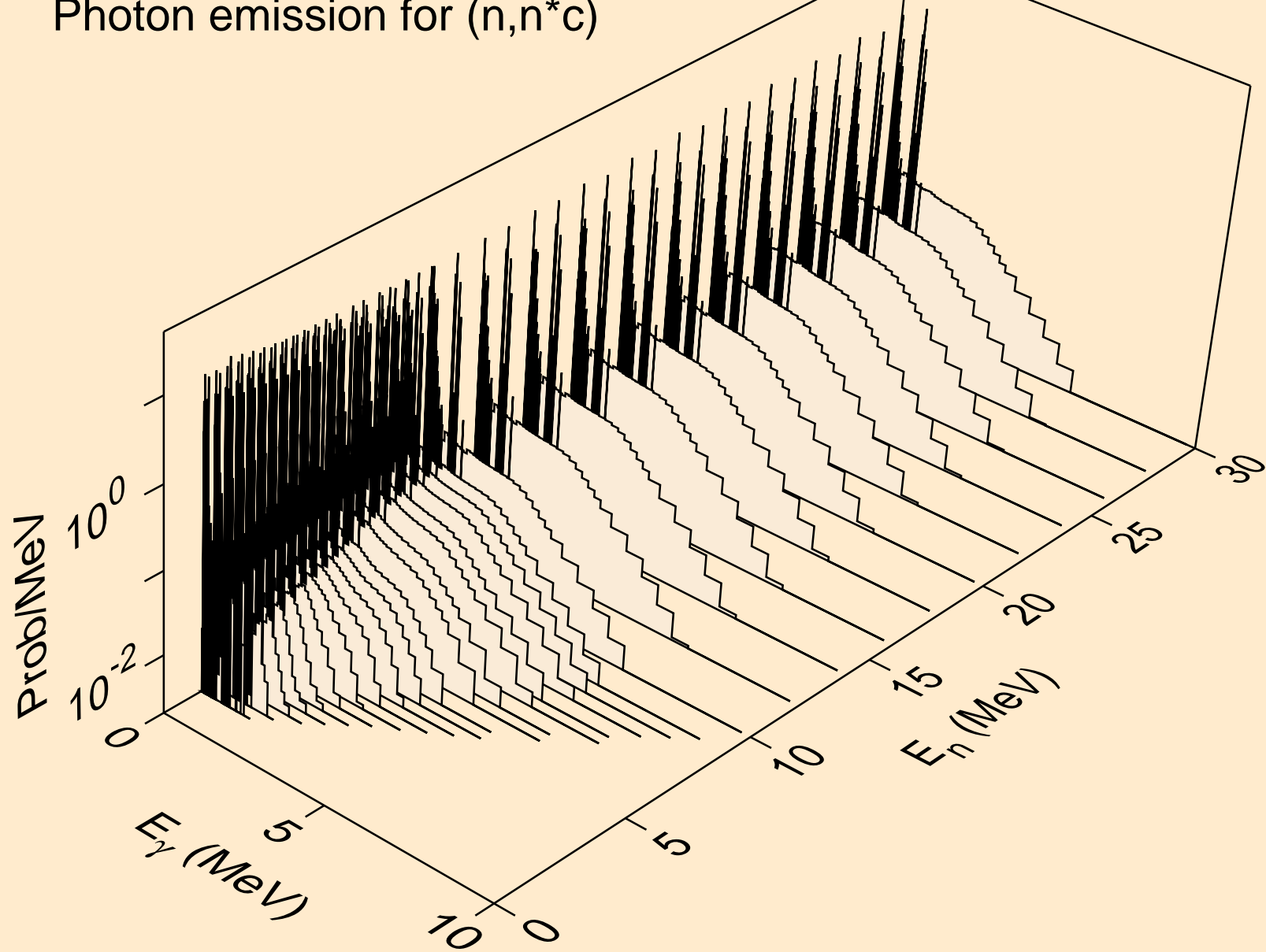




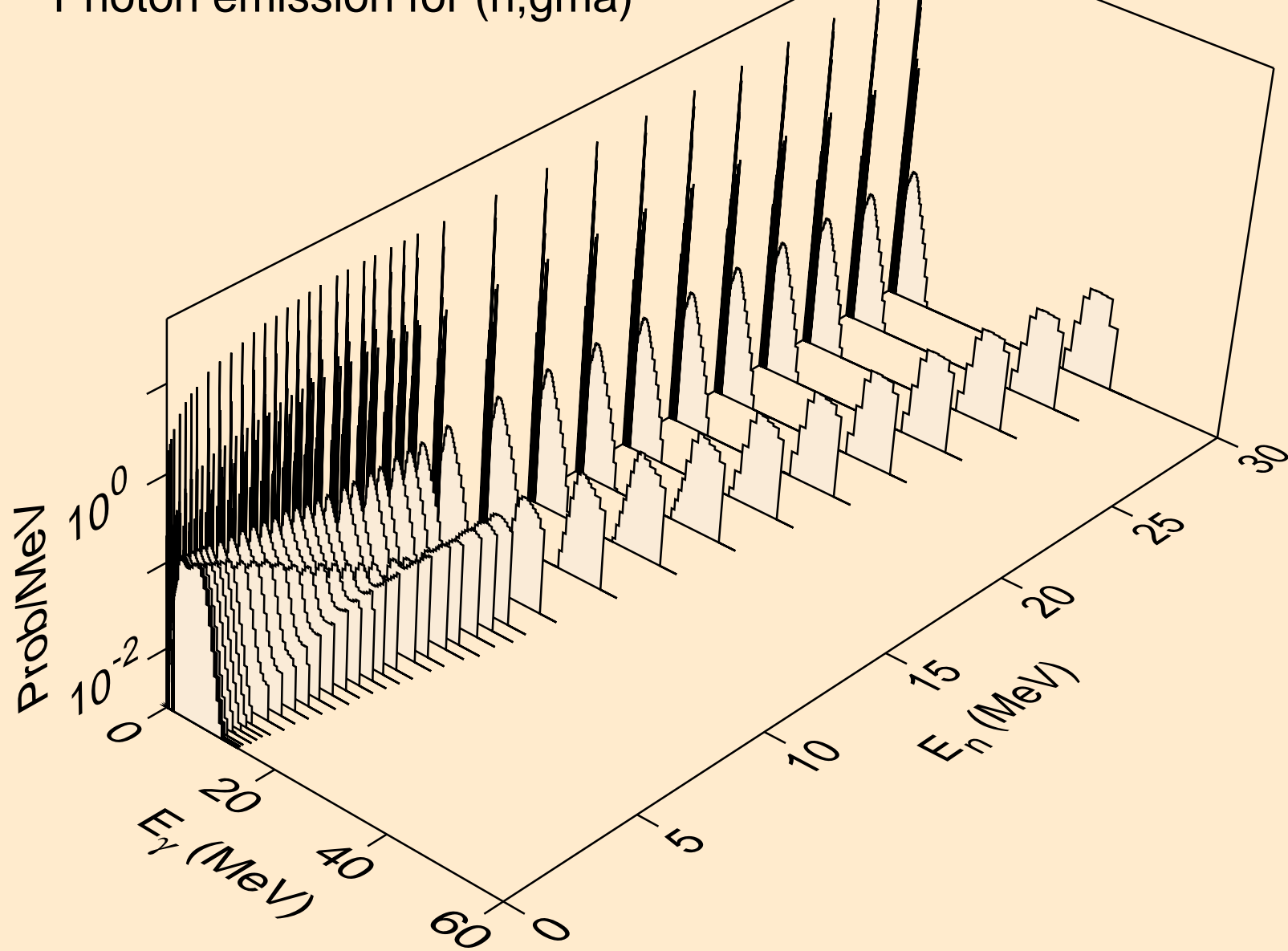
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Photon emission for (n,npa)



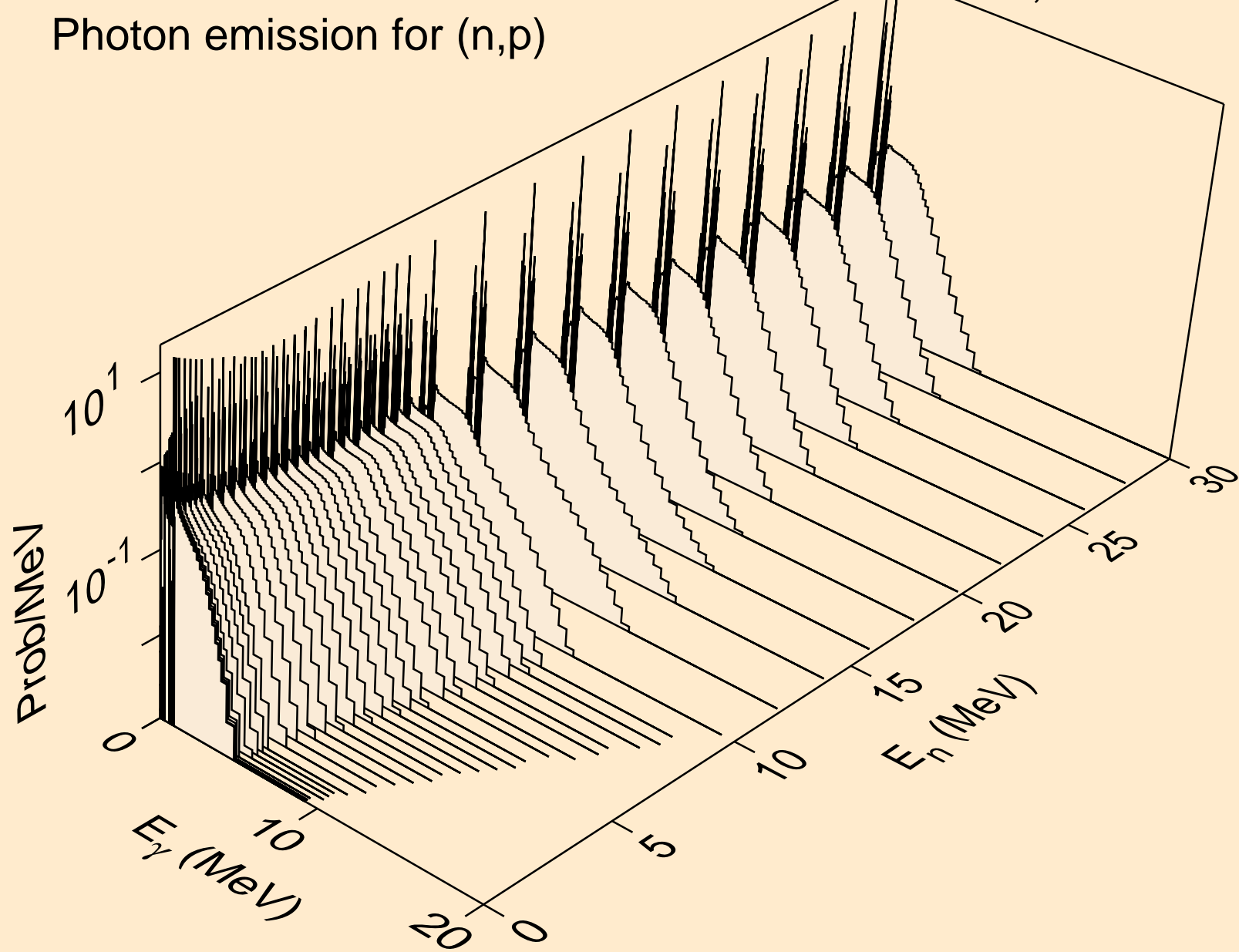
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Photon emission for (n,n\*c)



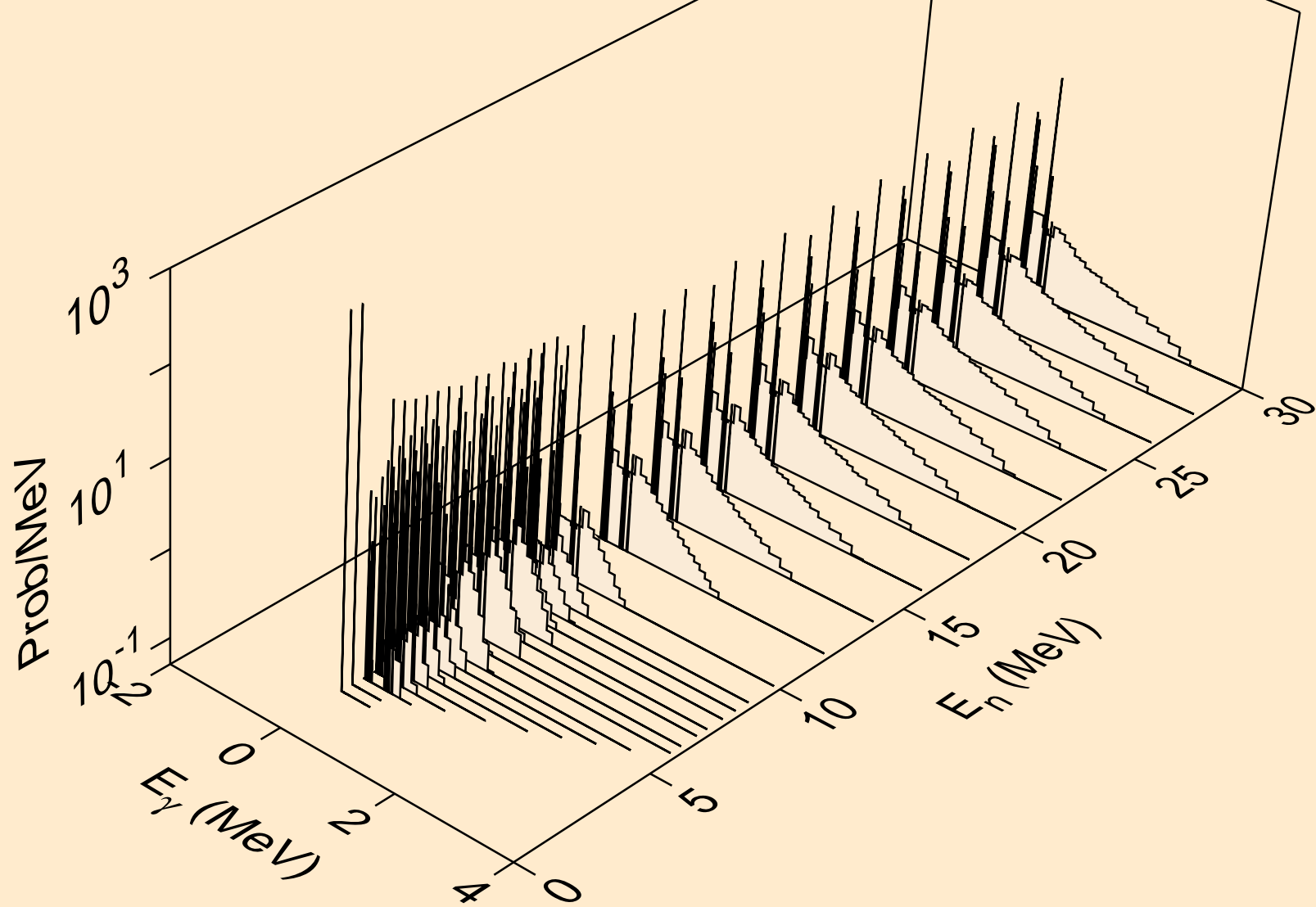
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



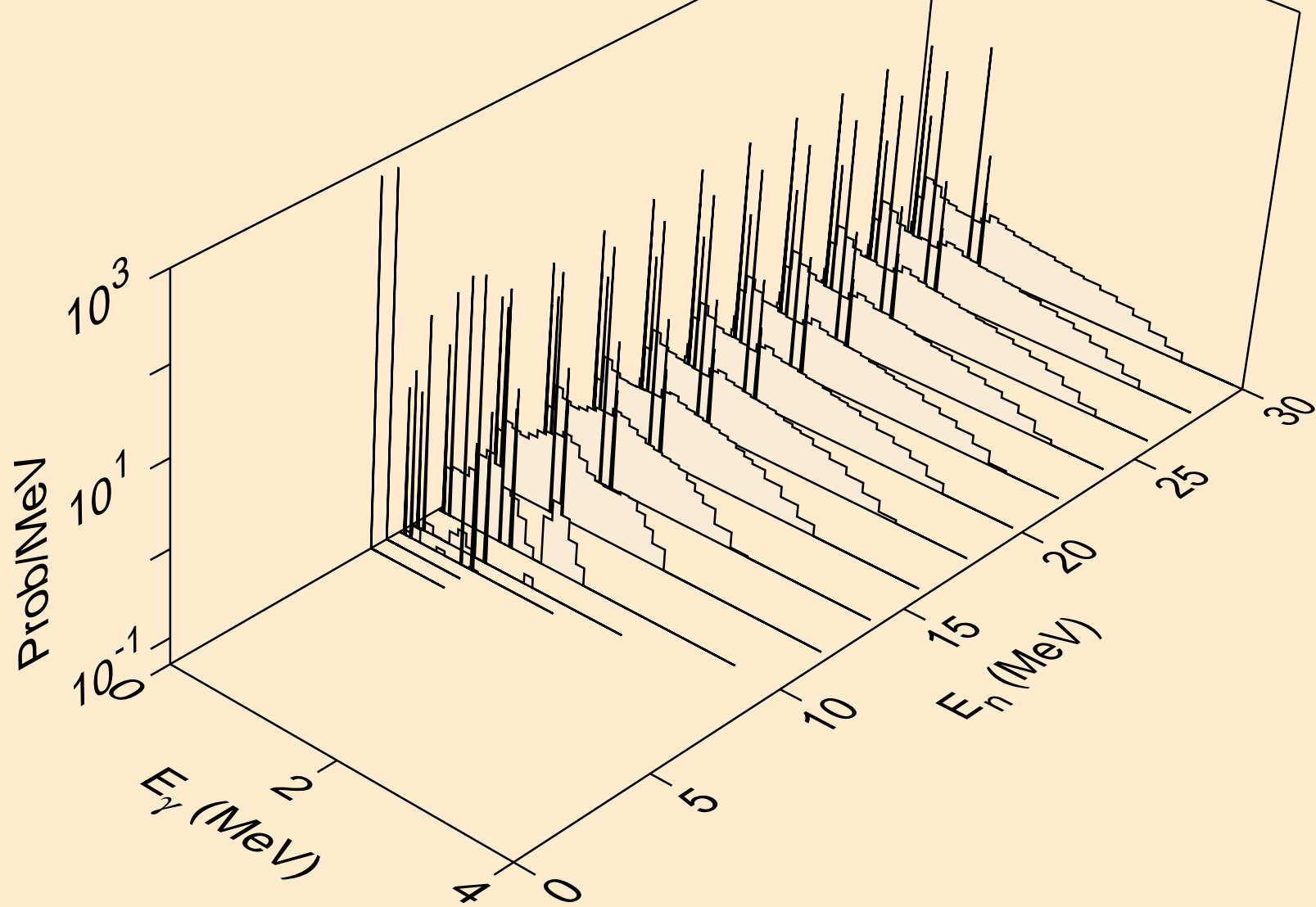
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



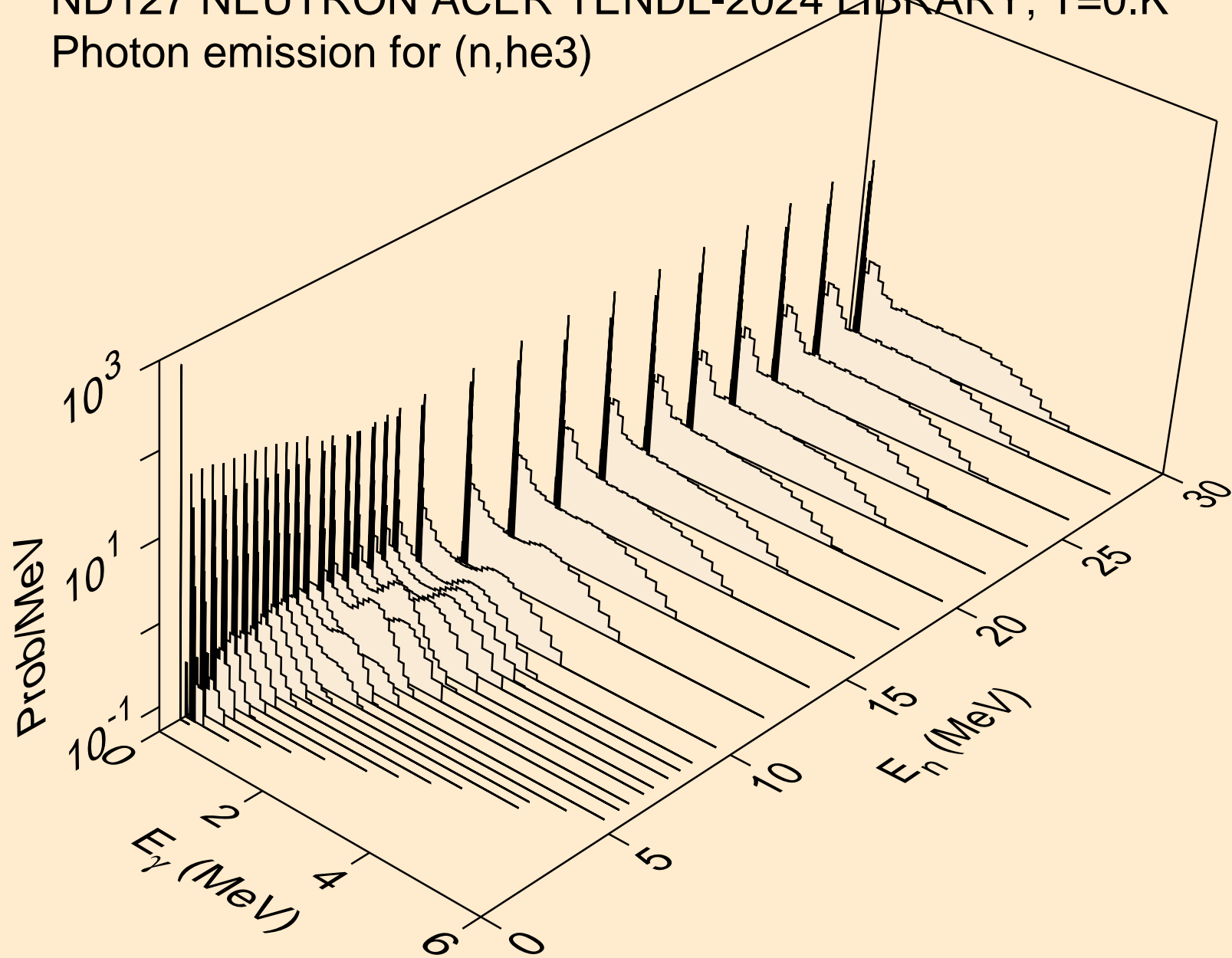
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



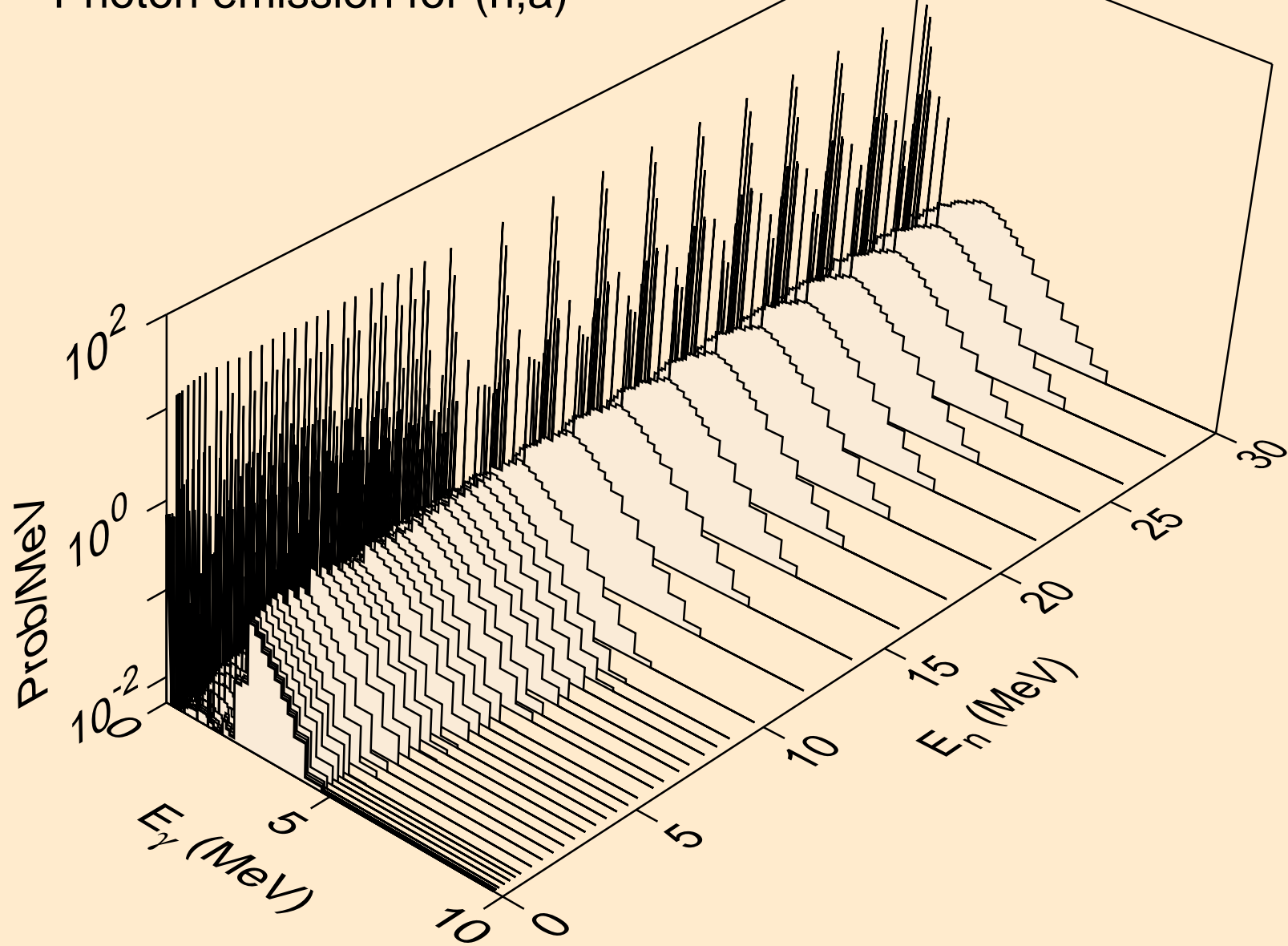
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

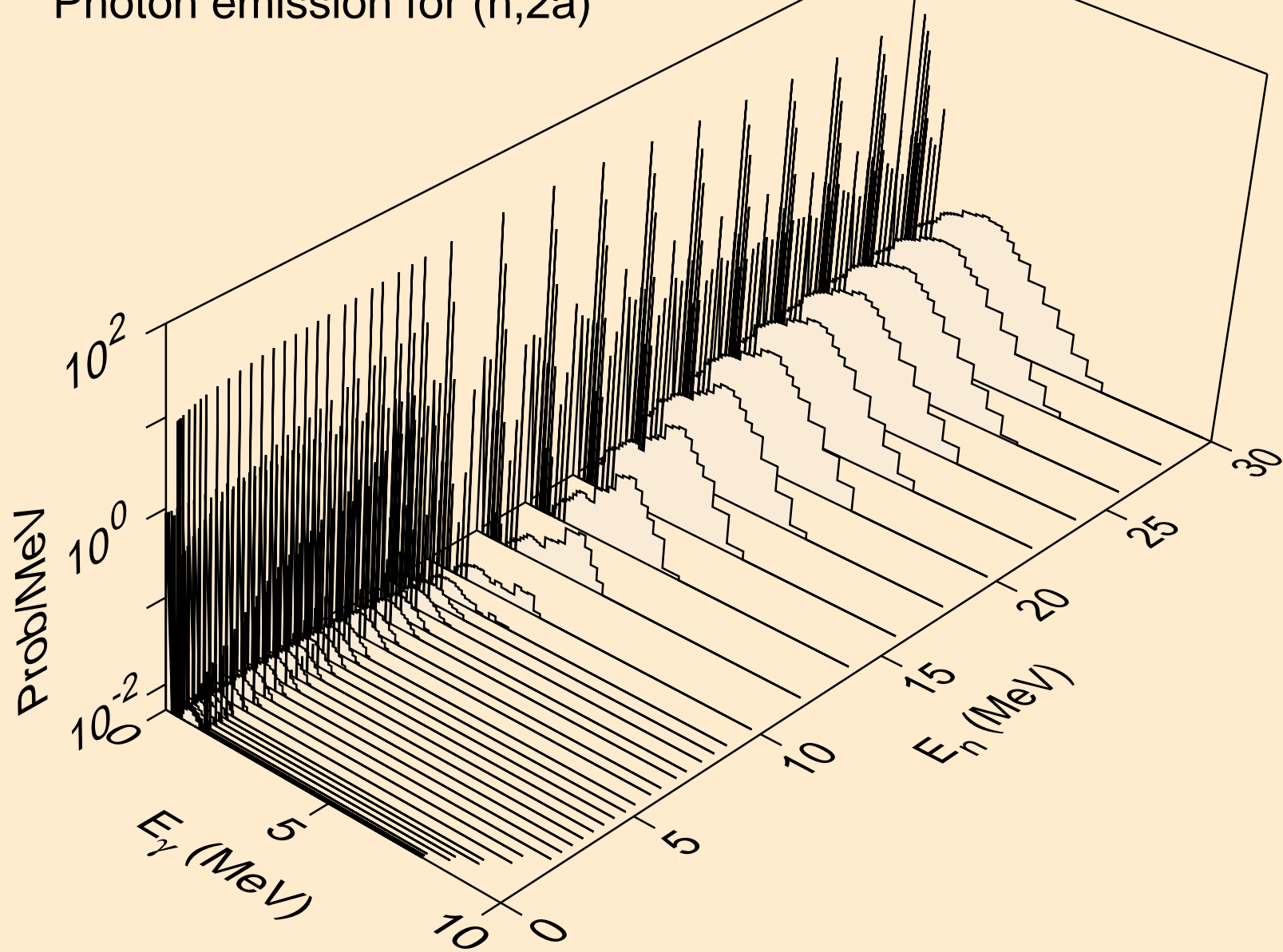


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

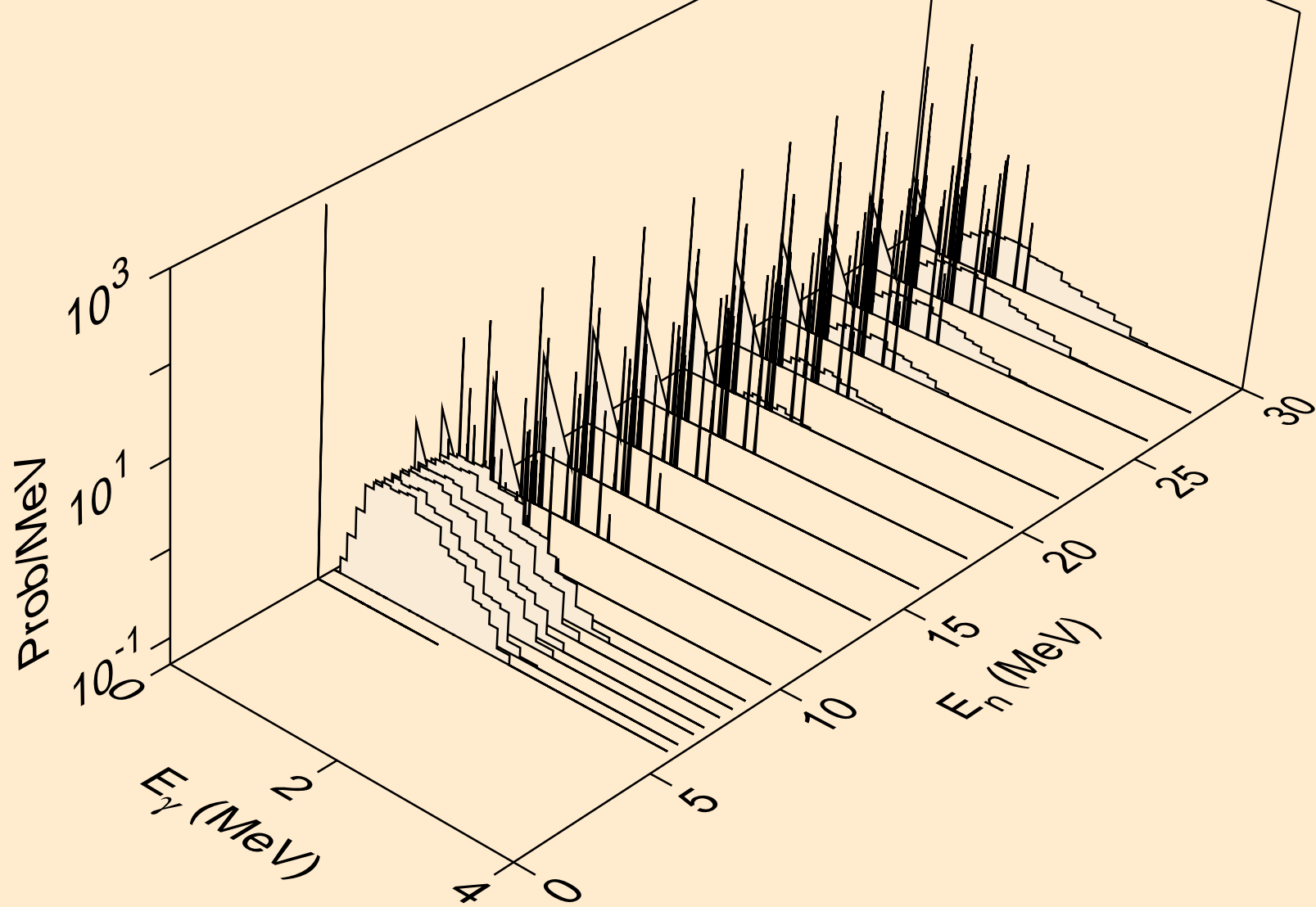




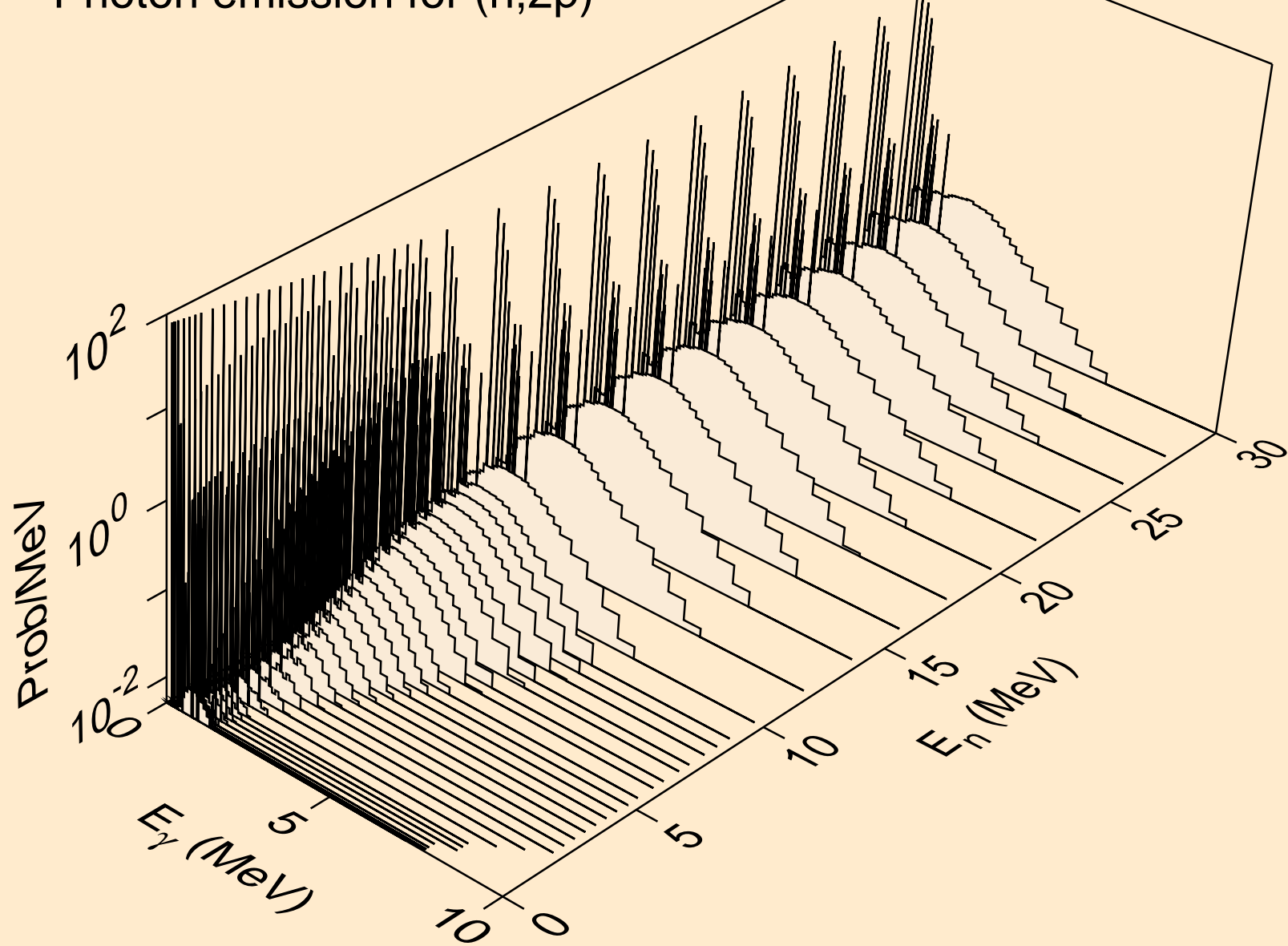
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



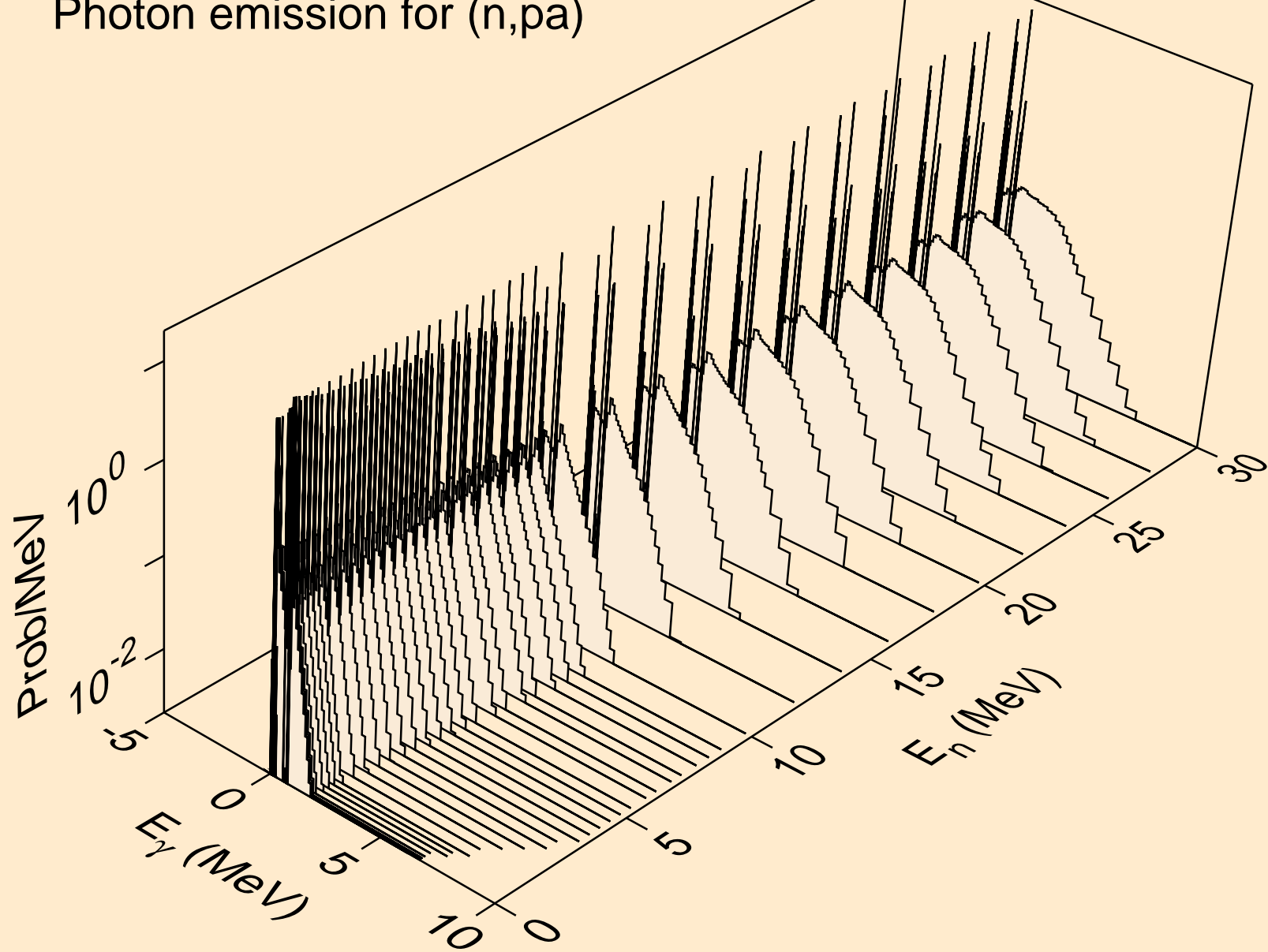
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



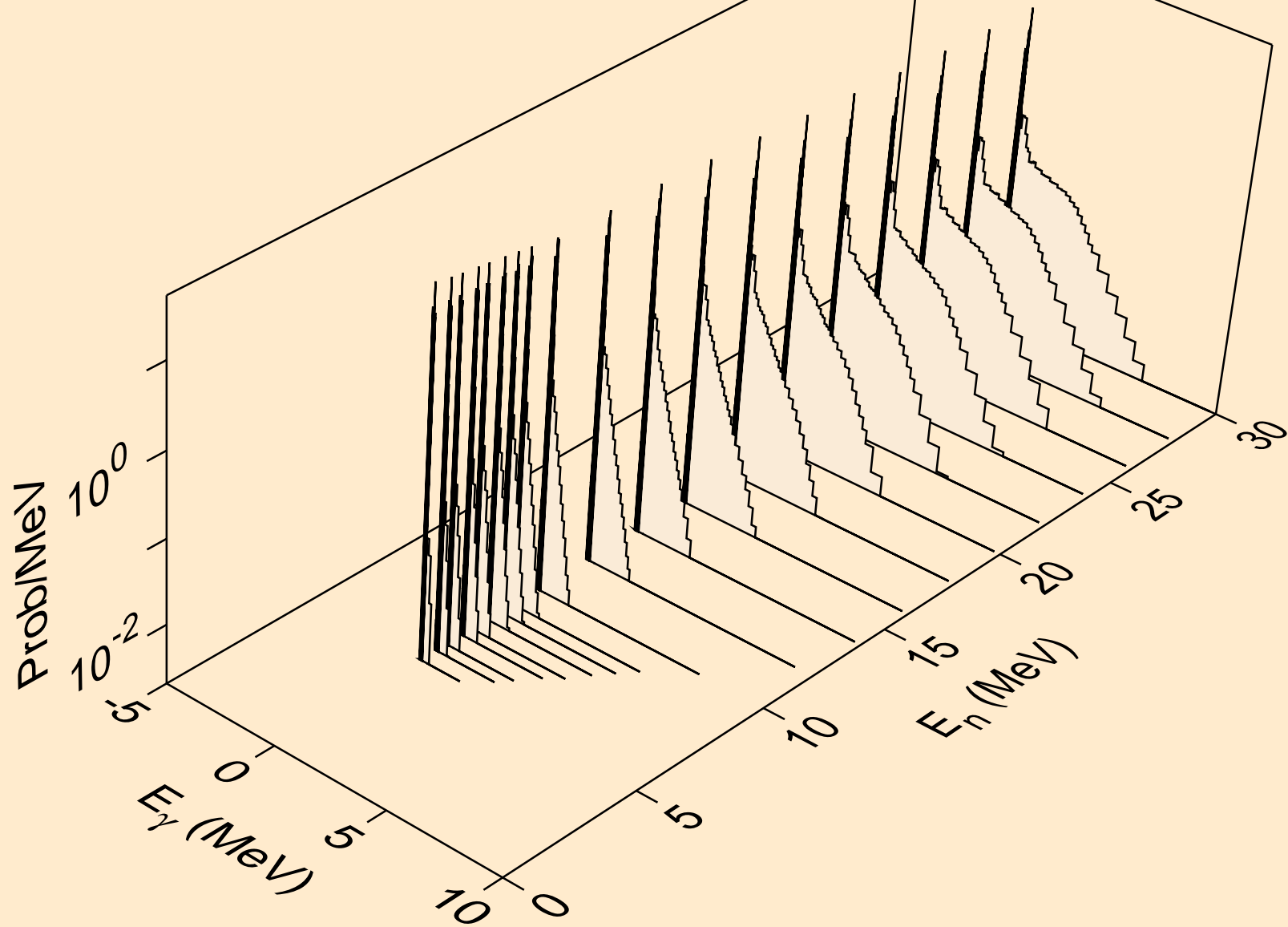
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



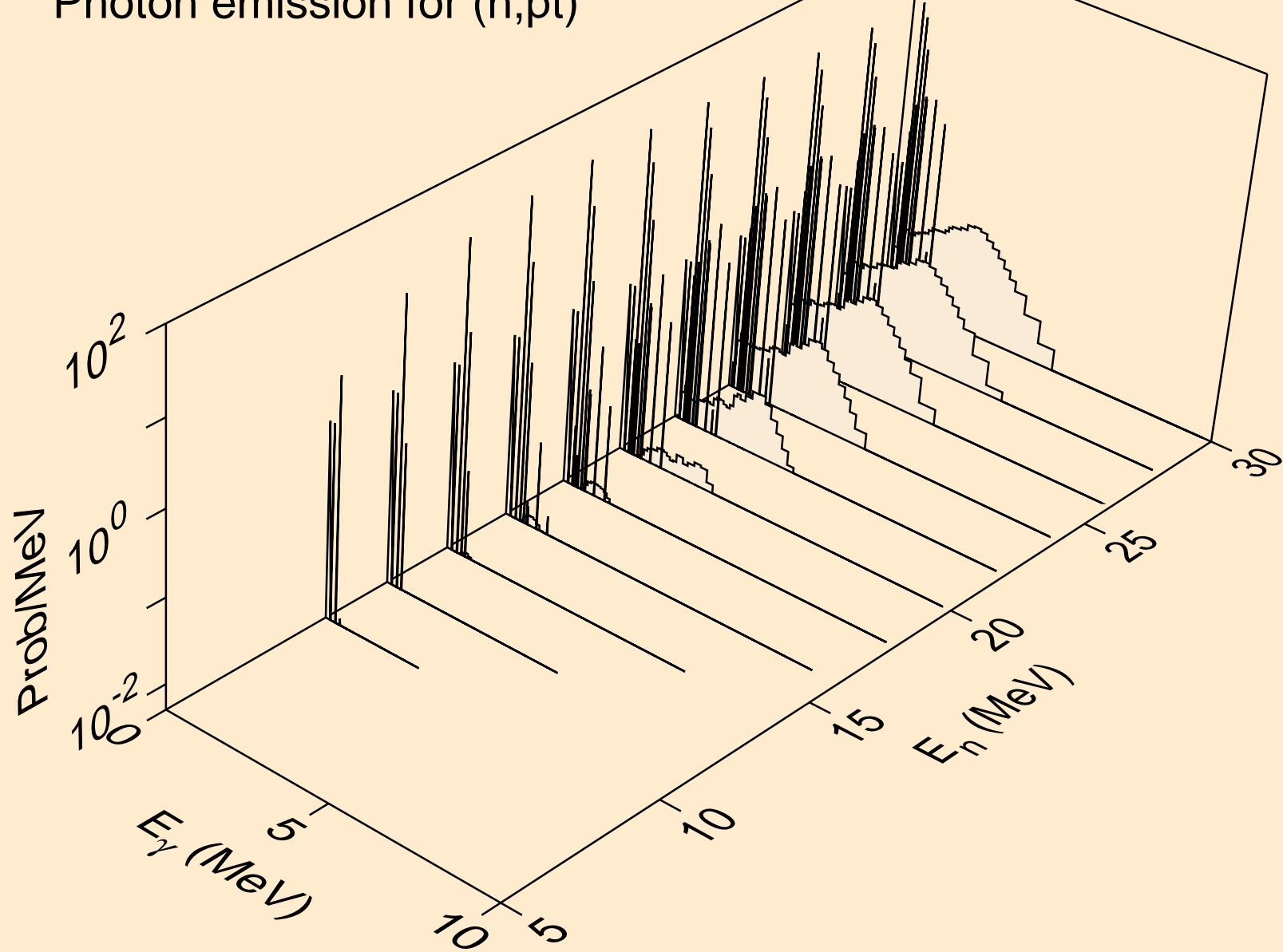
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



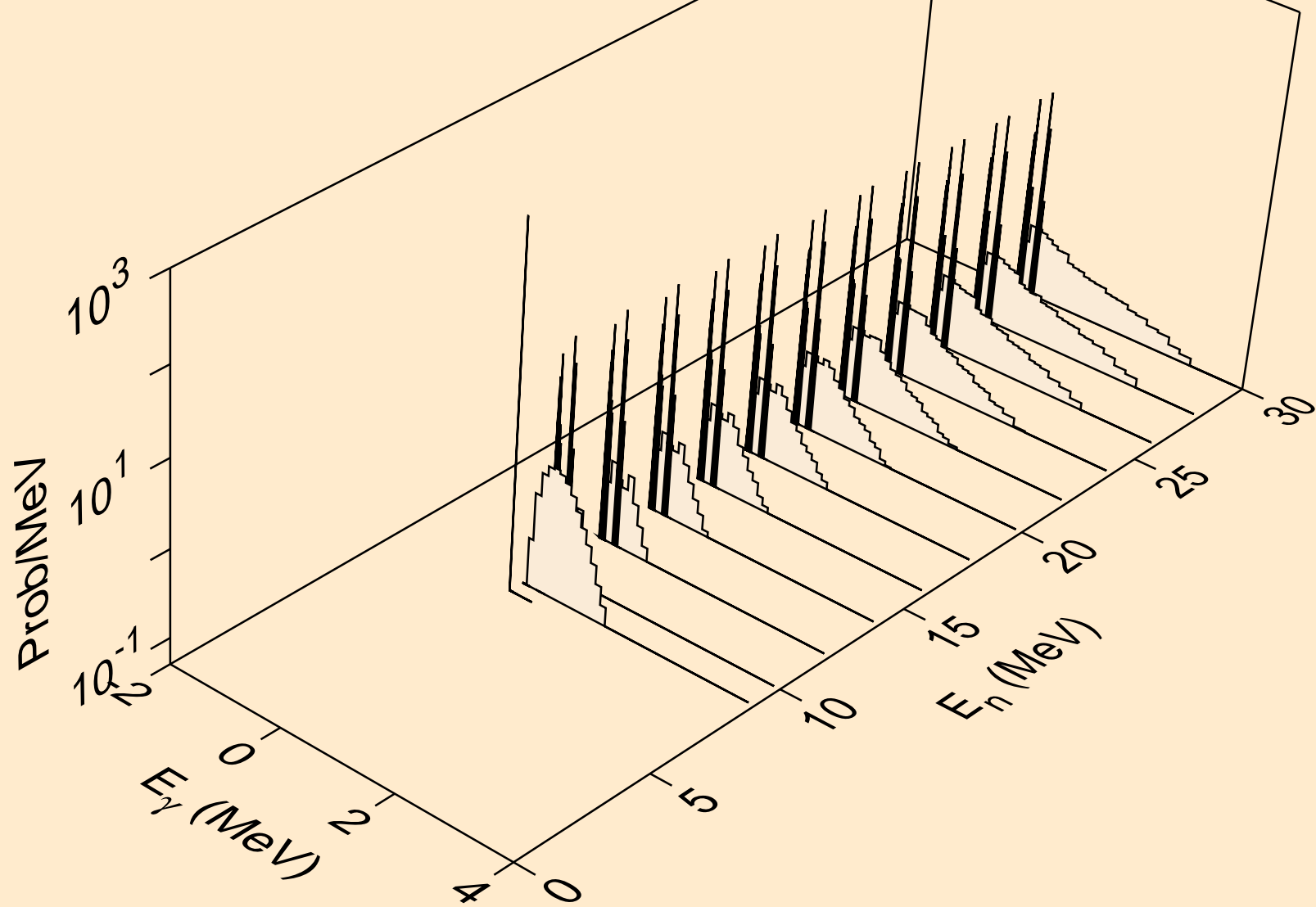
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



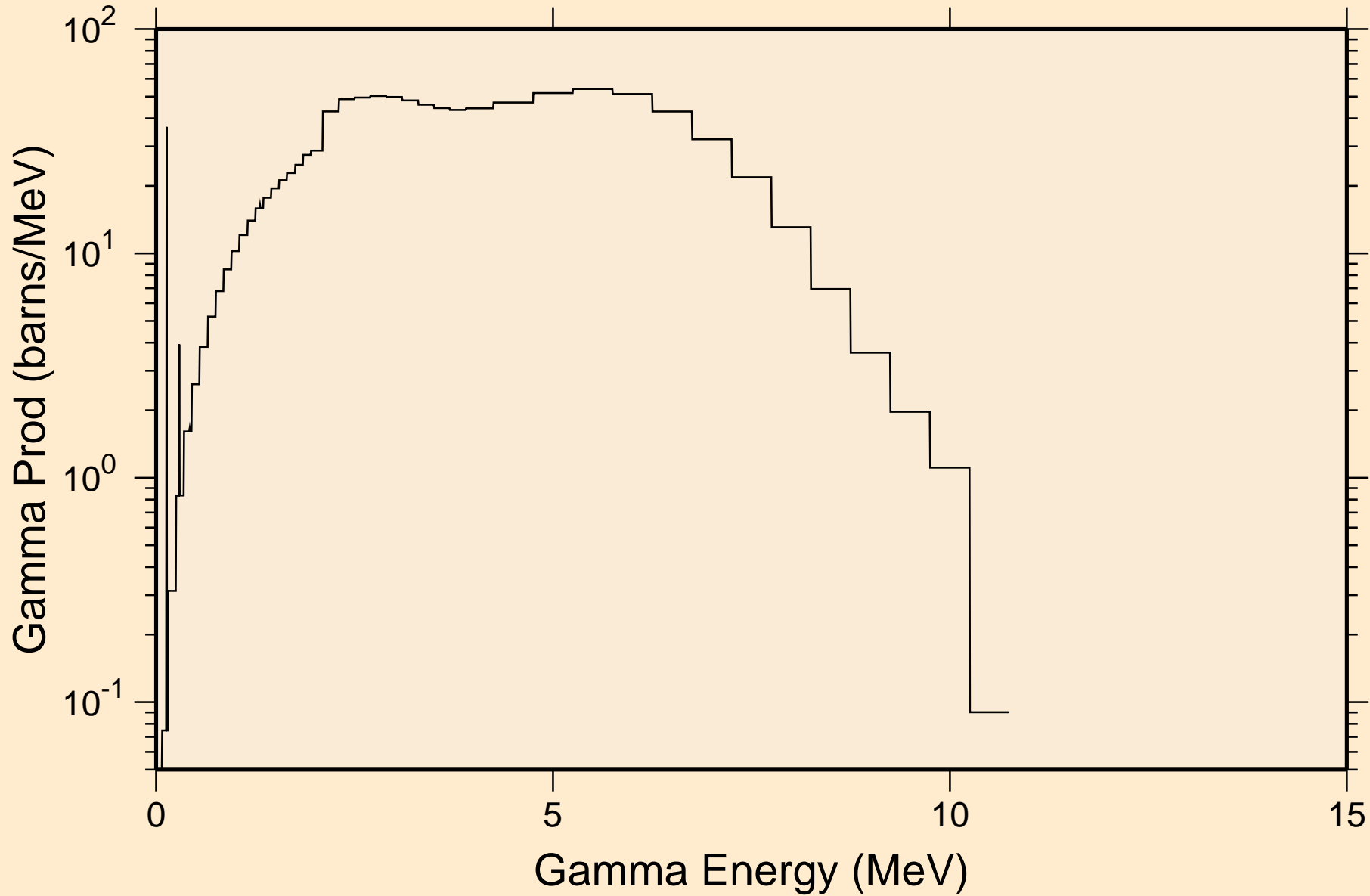
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

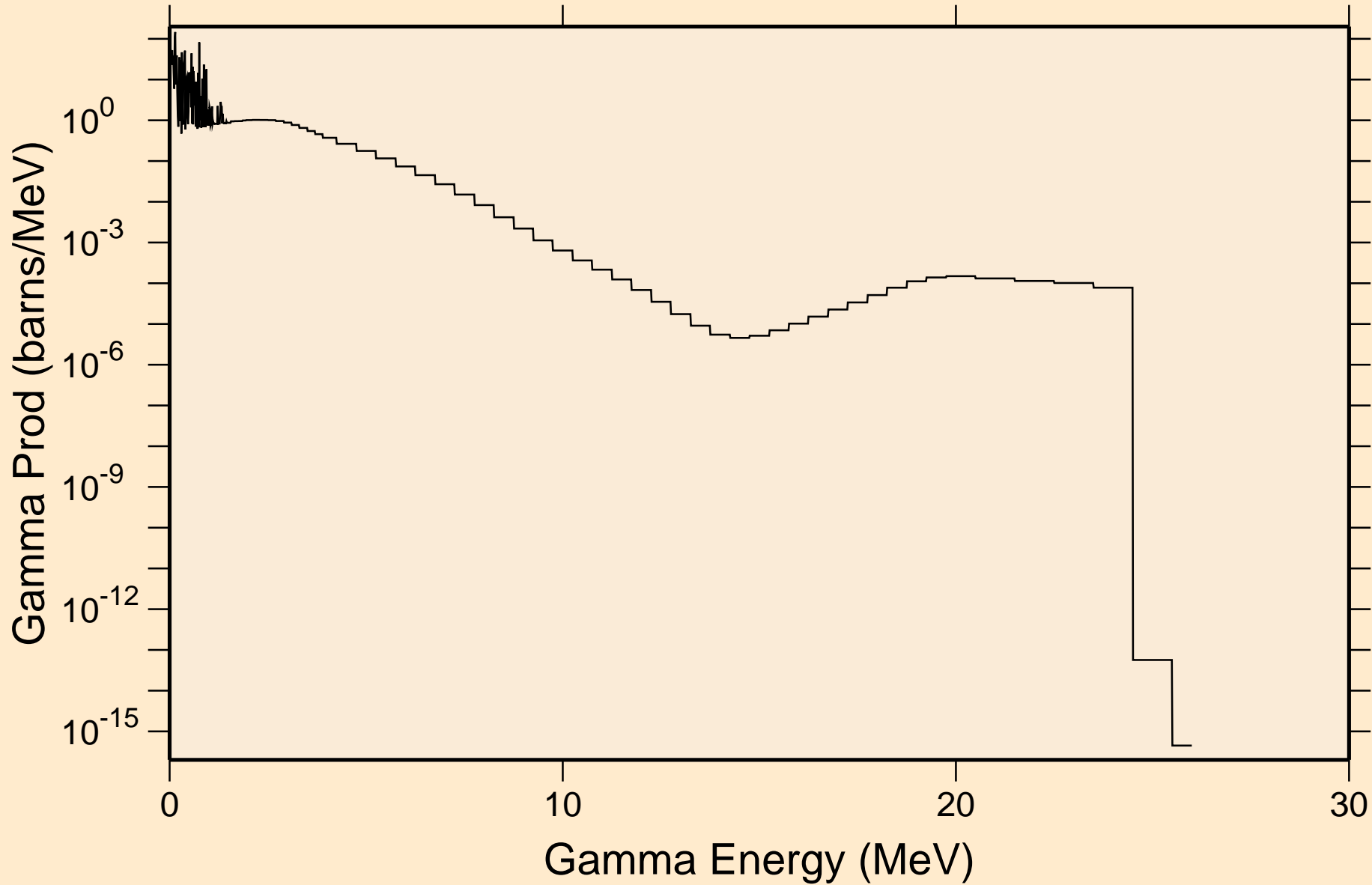


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



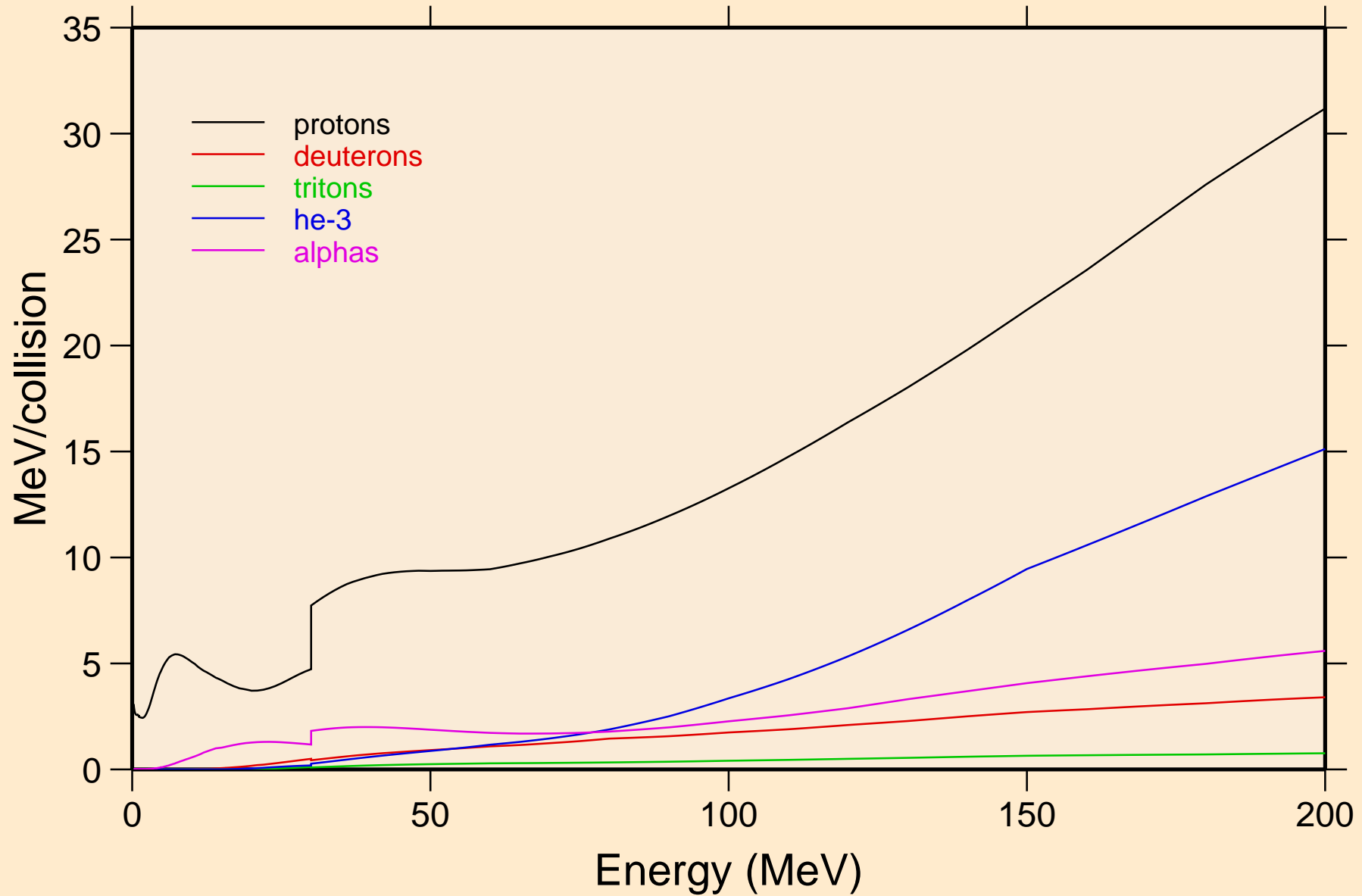


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

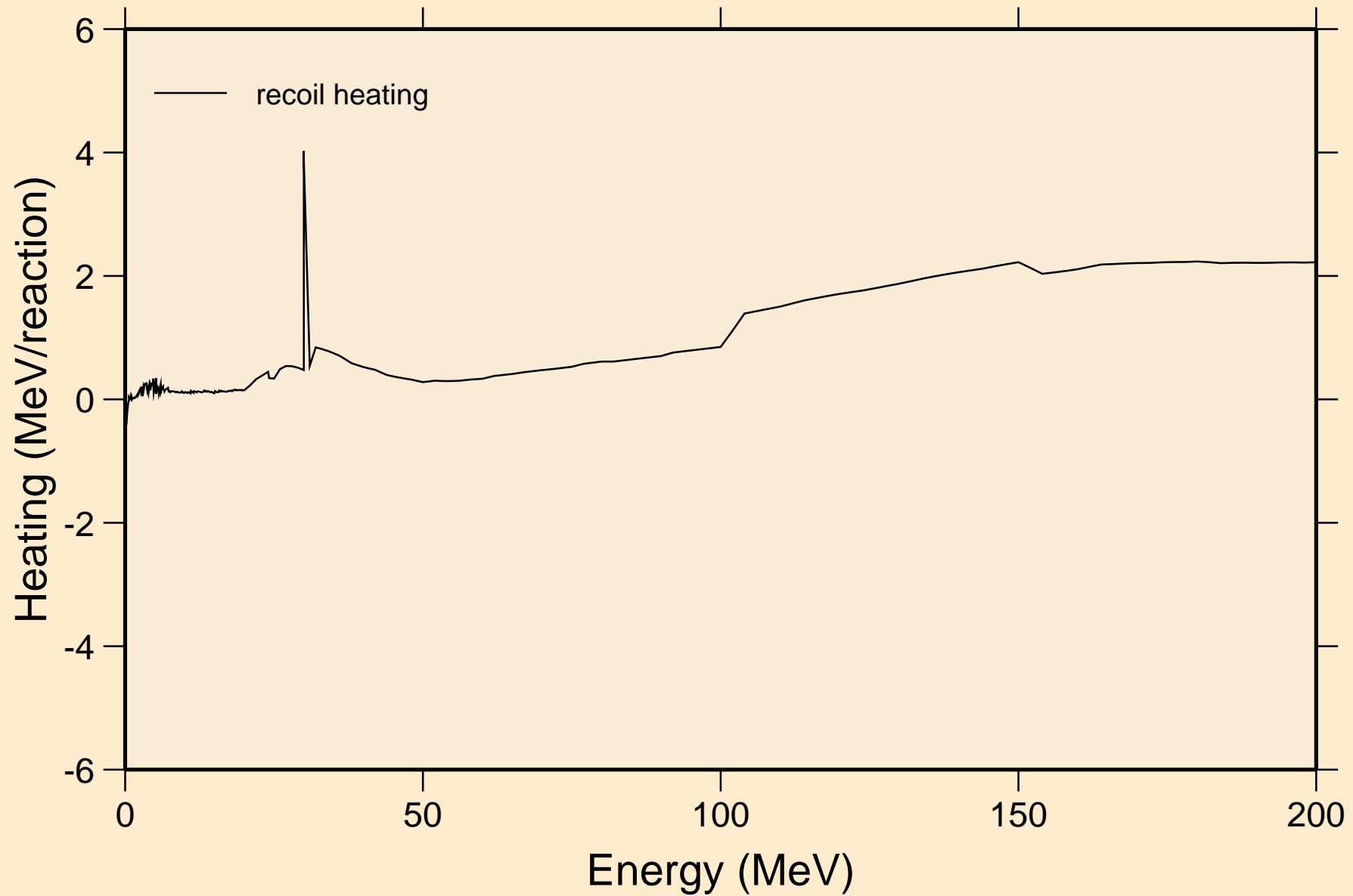


# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

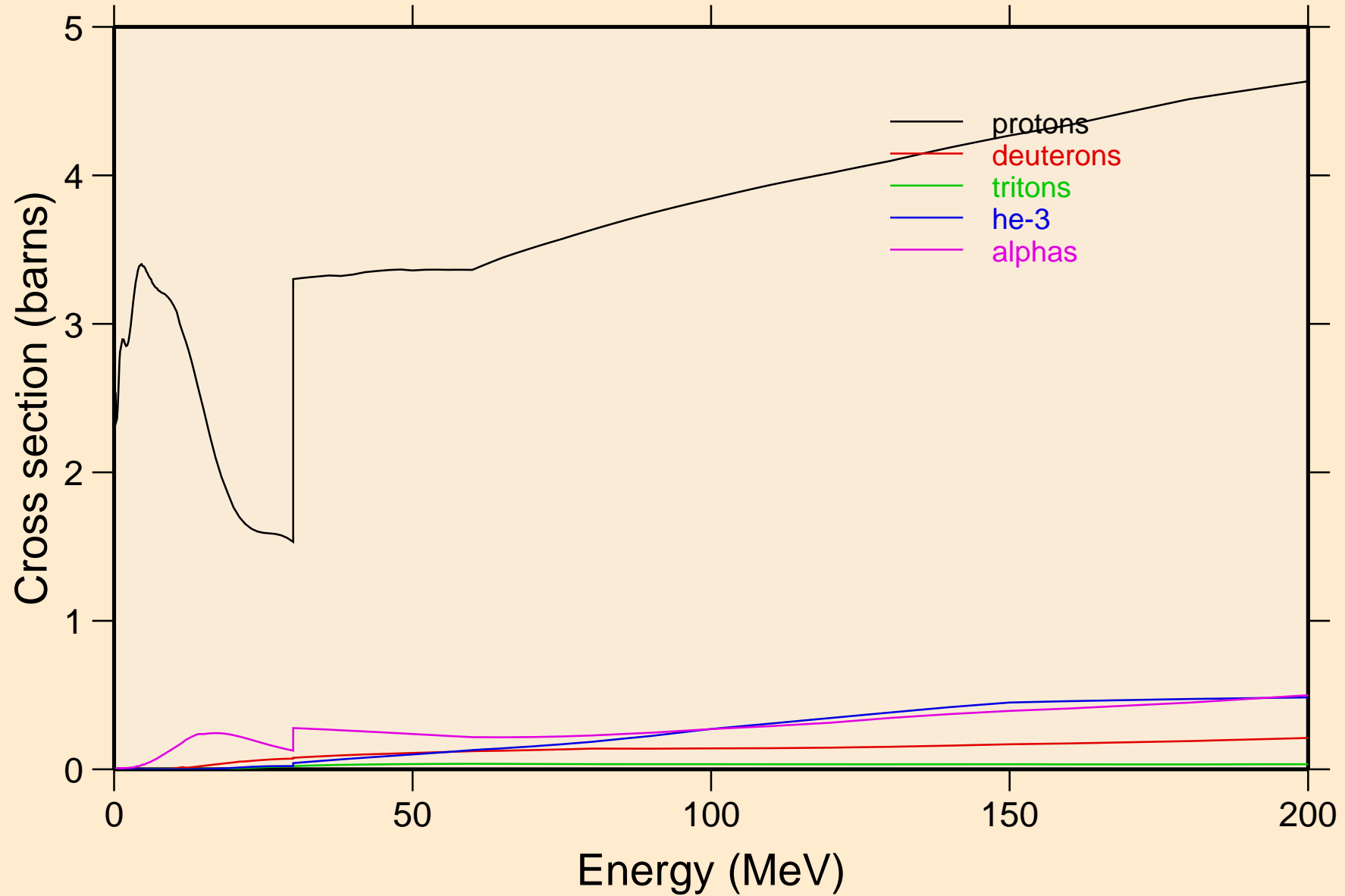


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

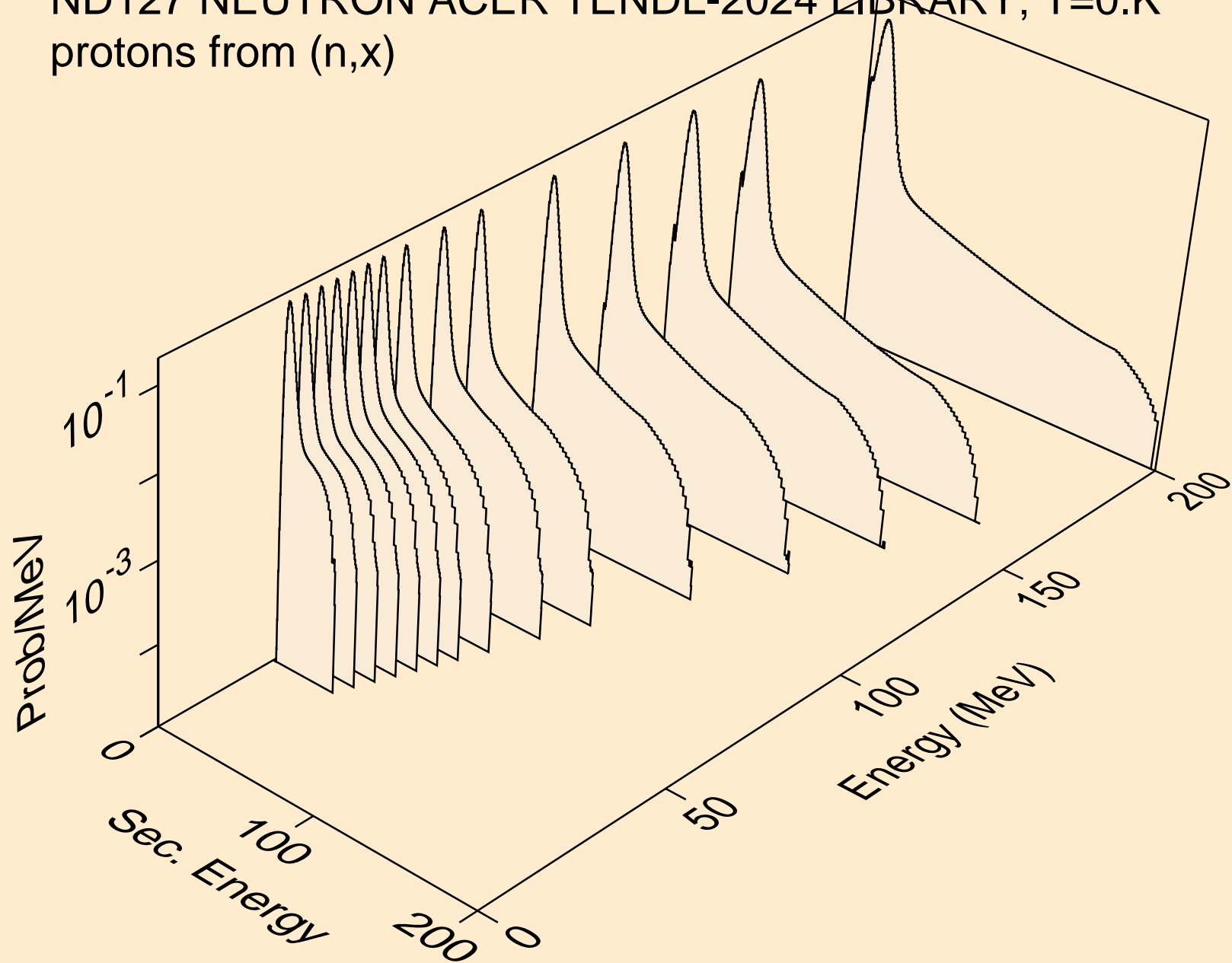


# ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

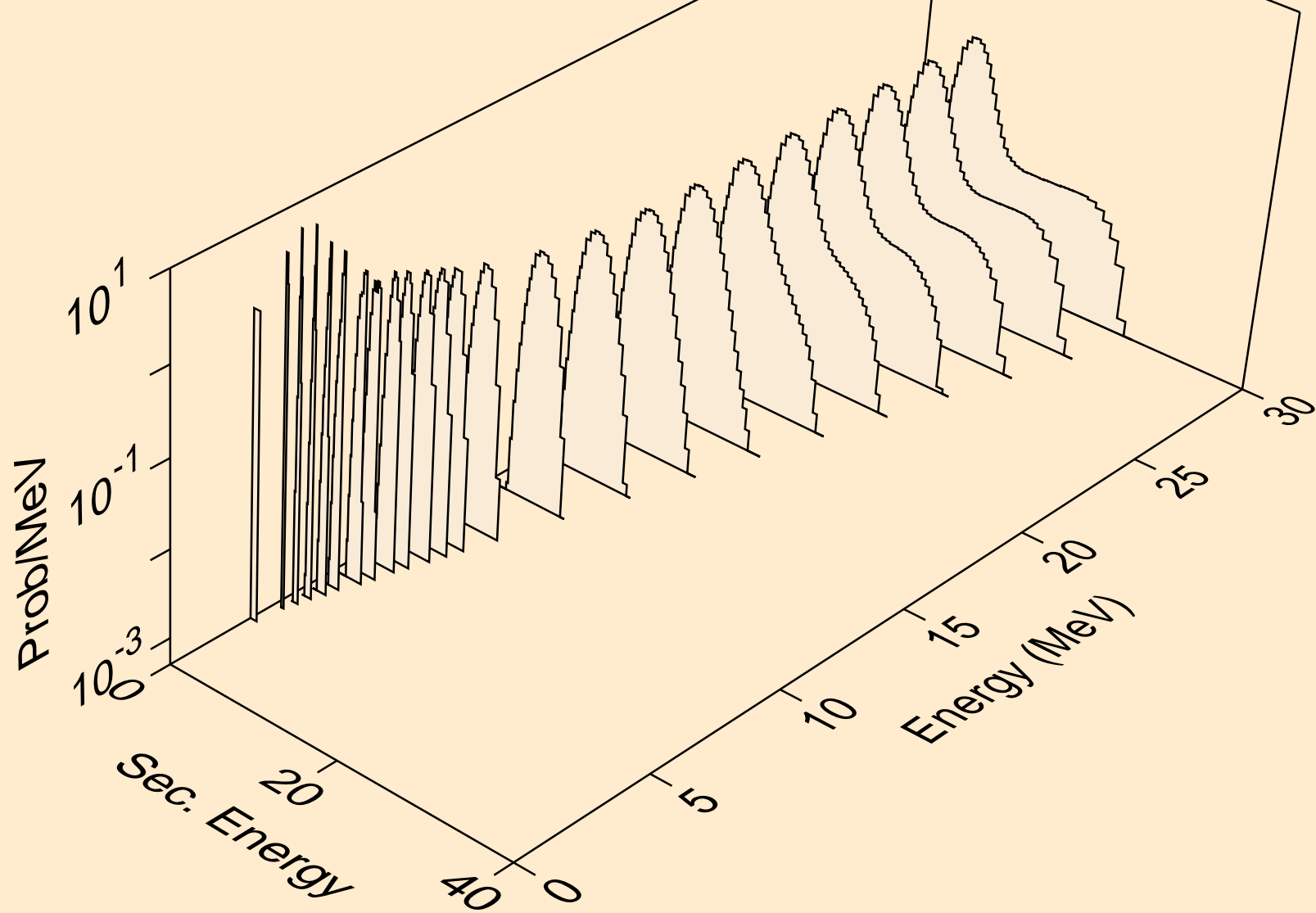
## Particle production cross sections



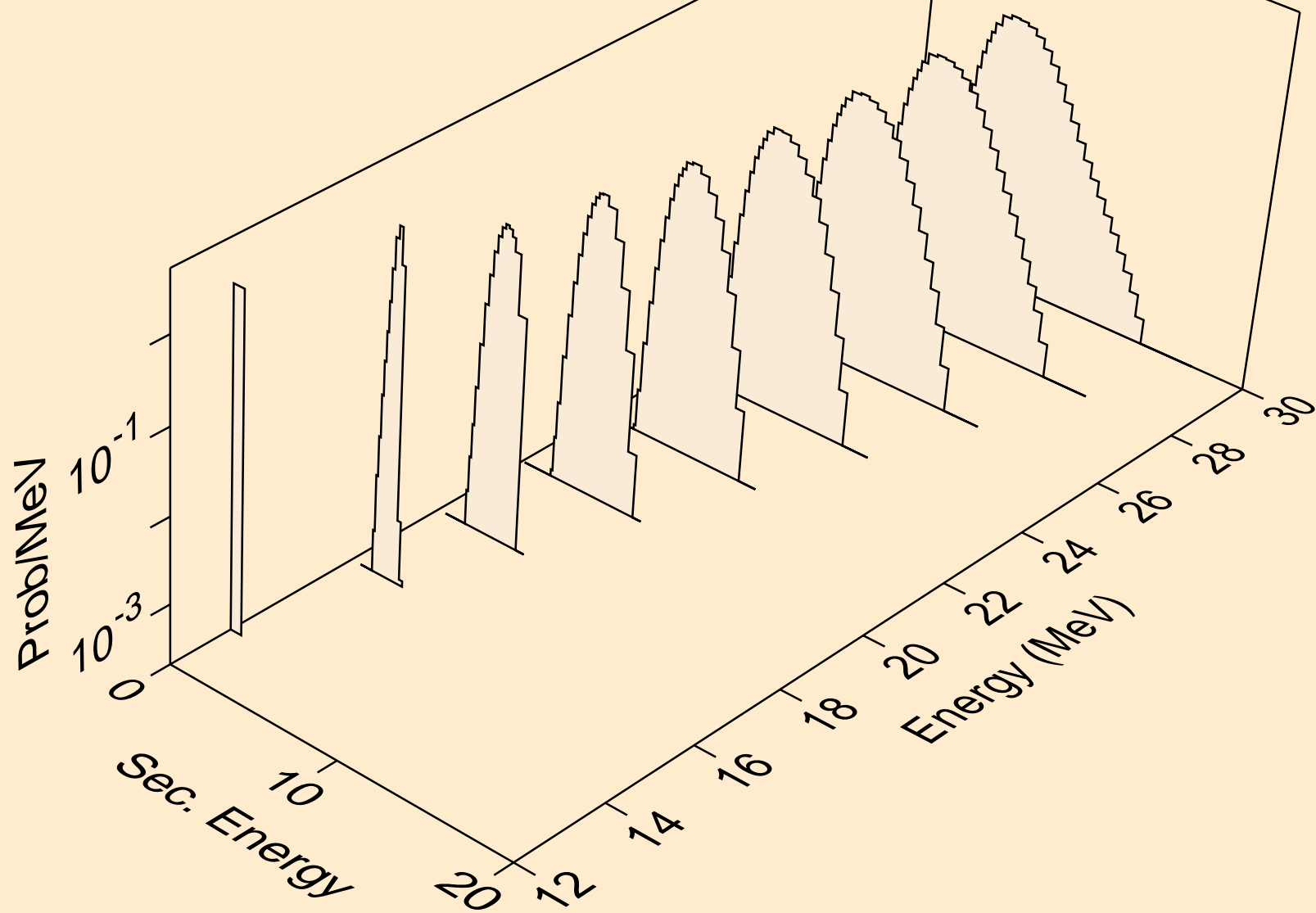
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



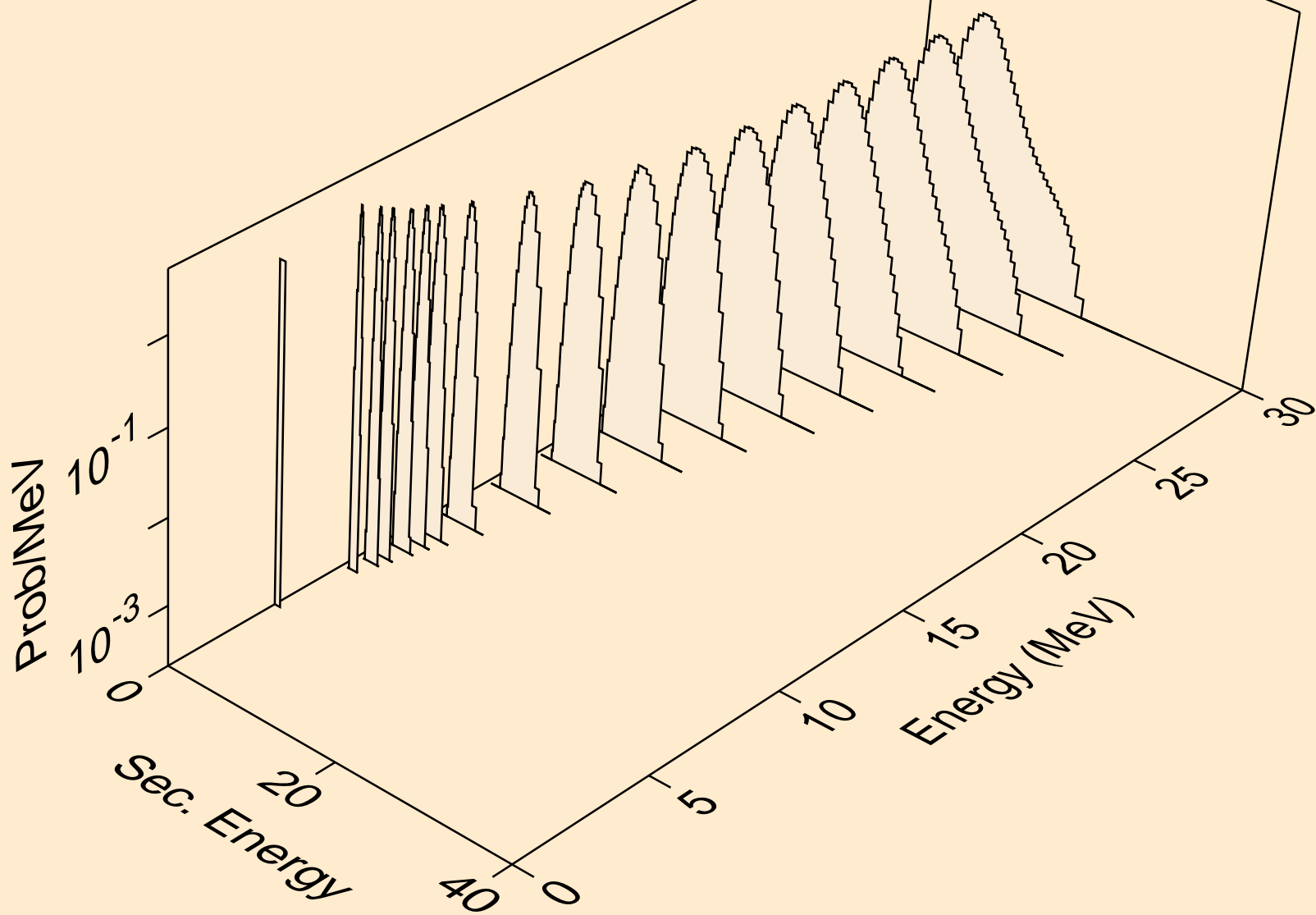
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

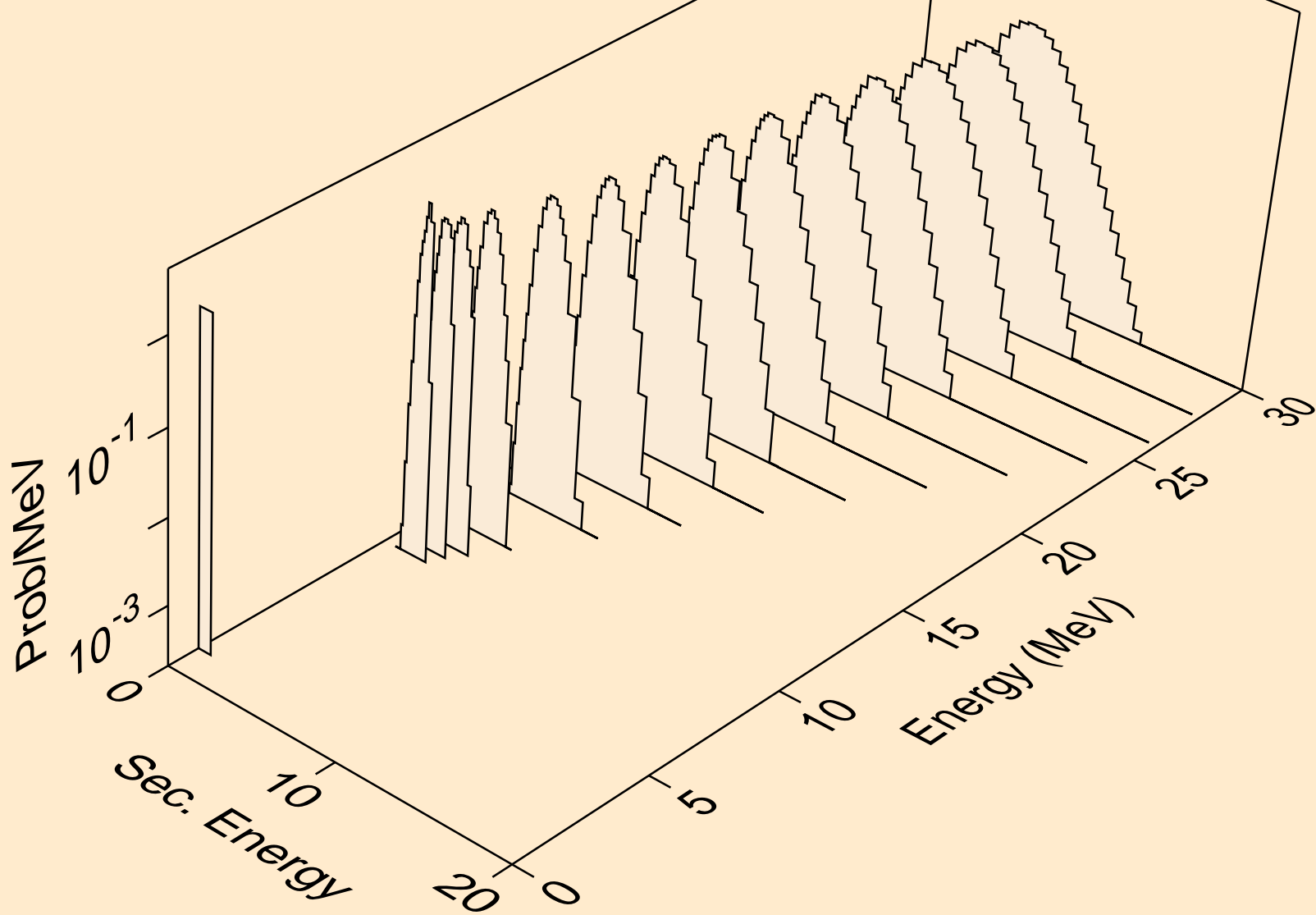


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

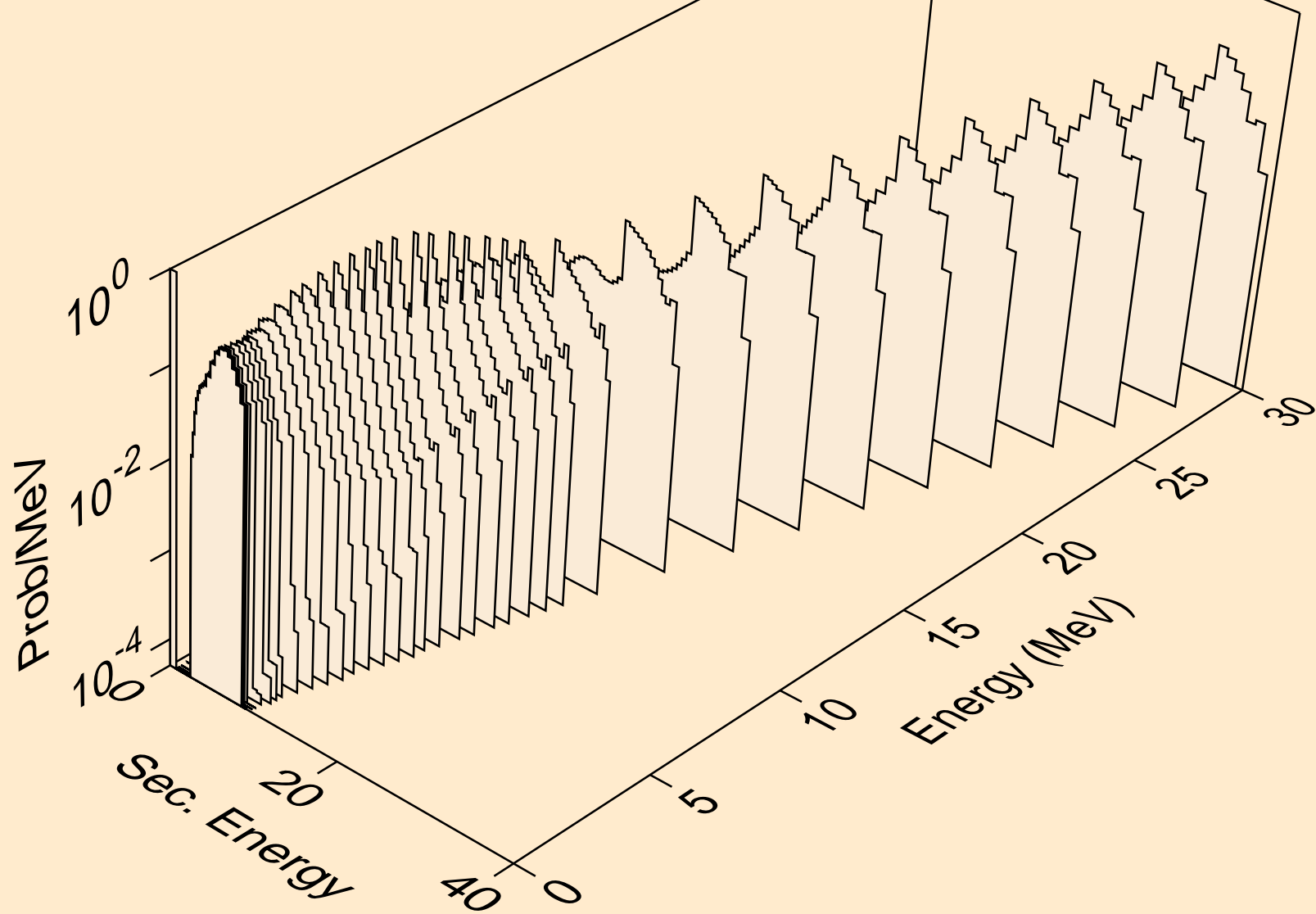




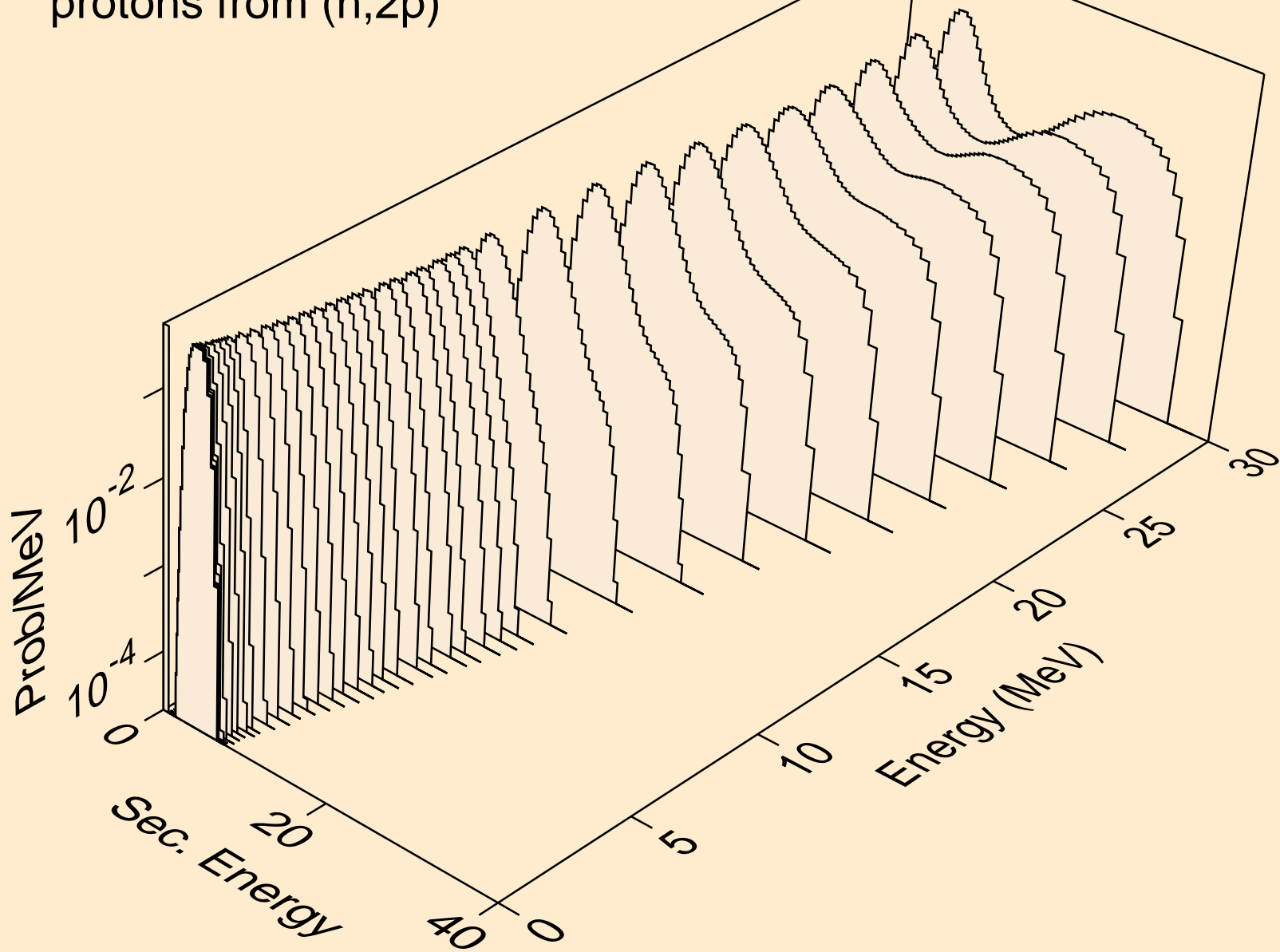
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



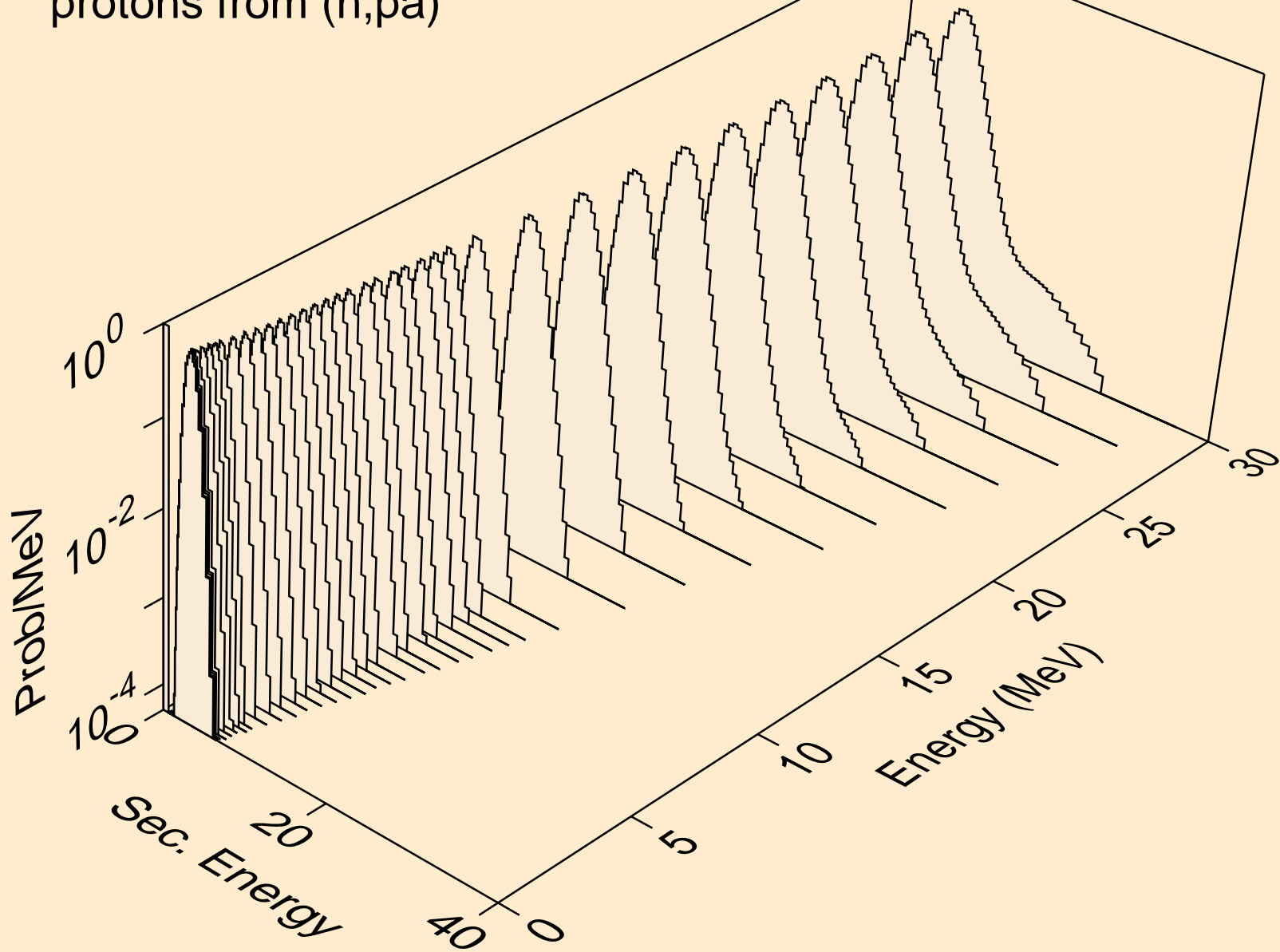
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protons from (n,p)



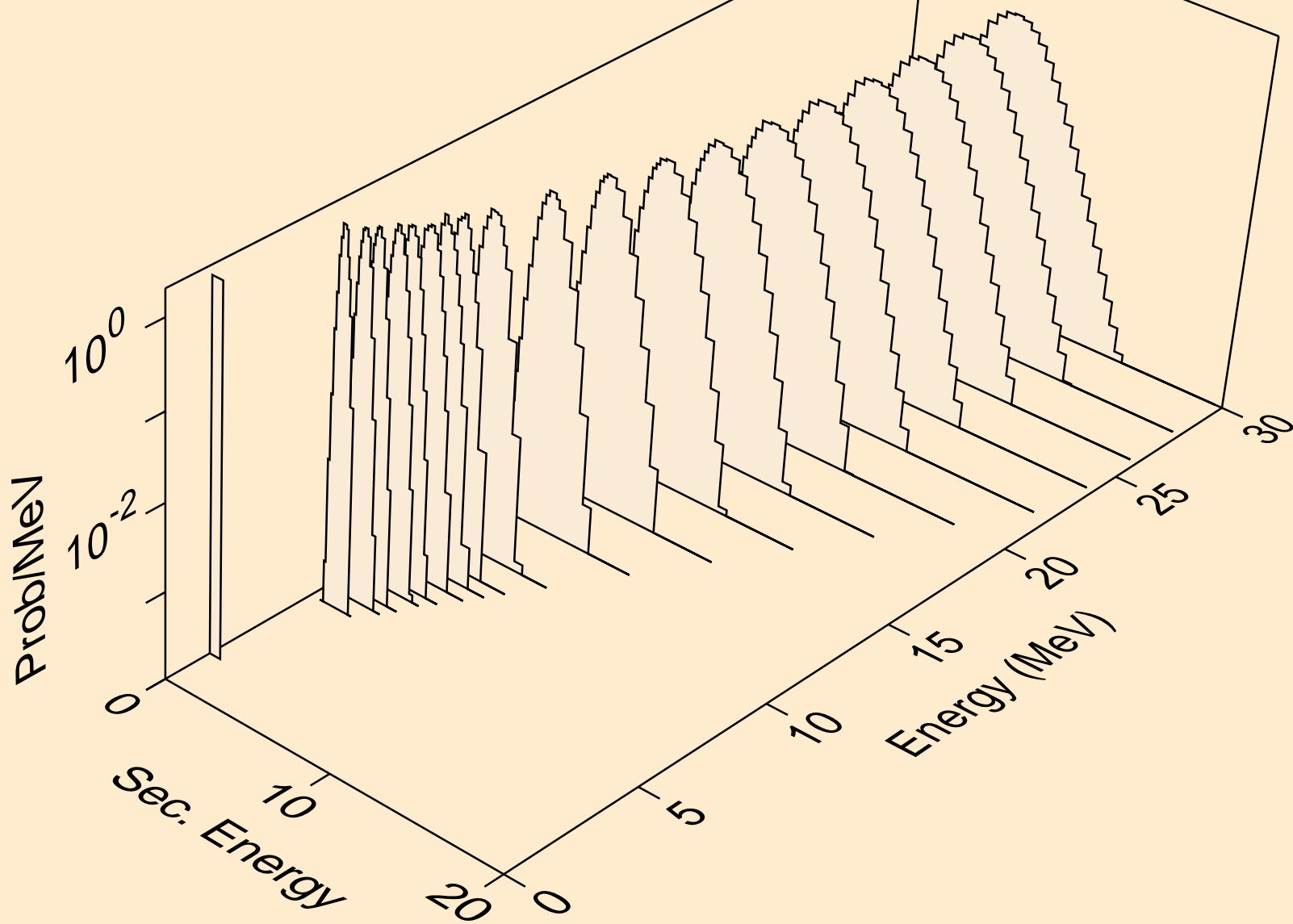
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



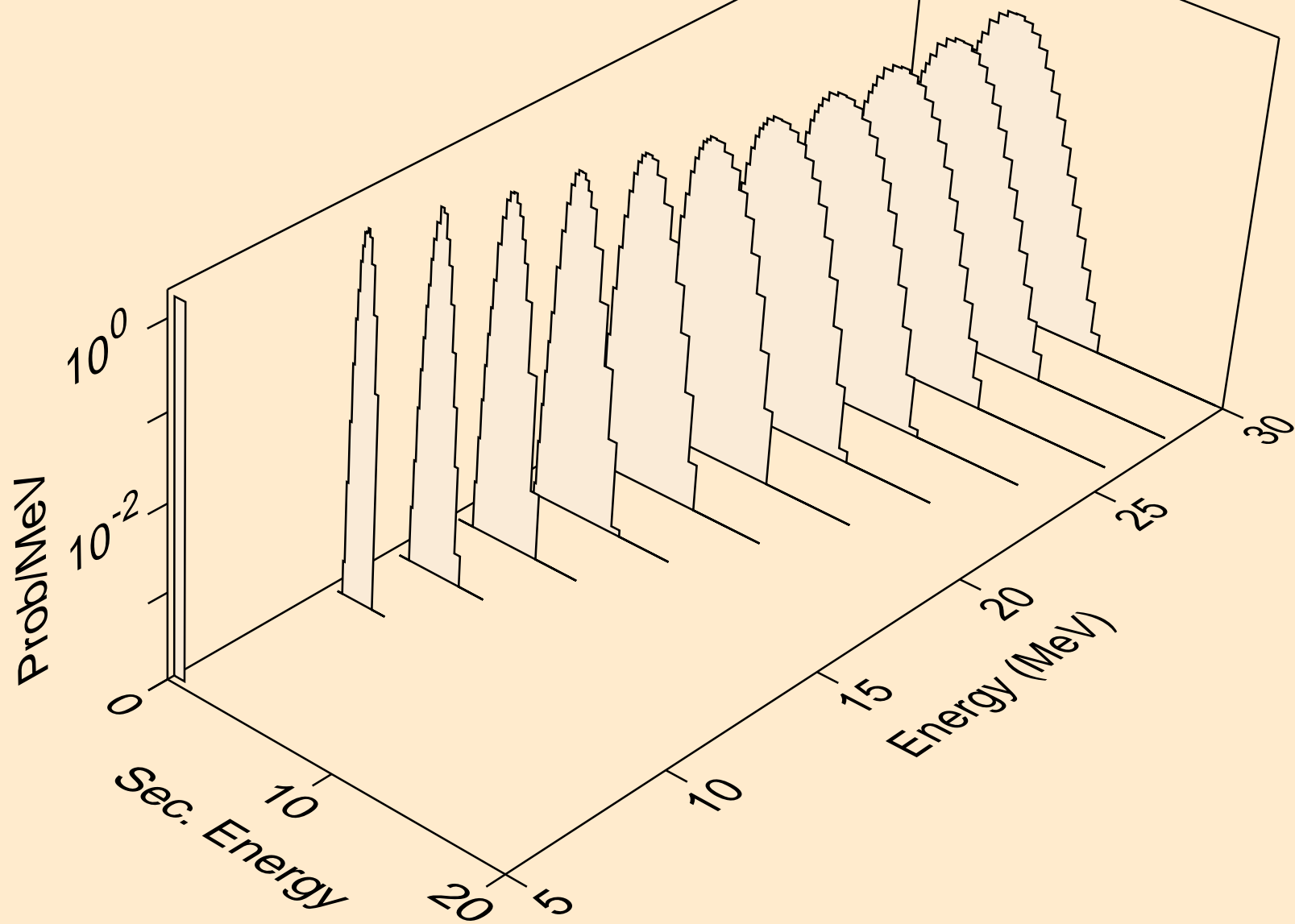
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protons from (n,p)



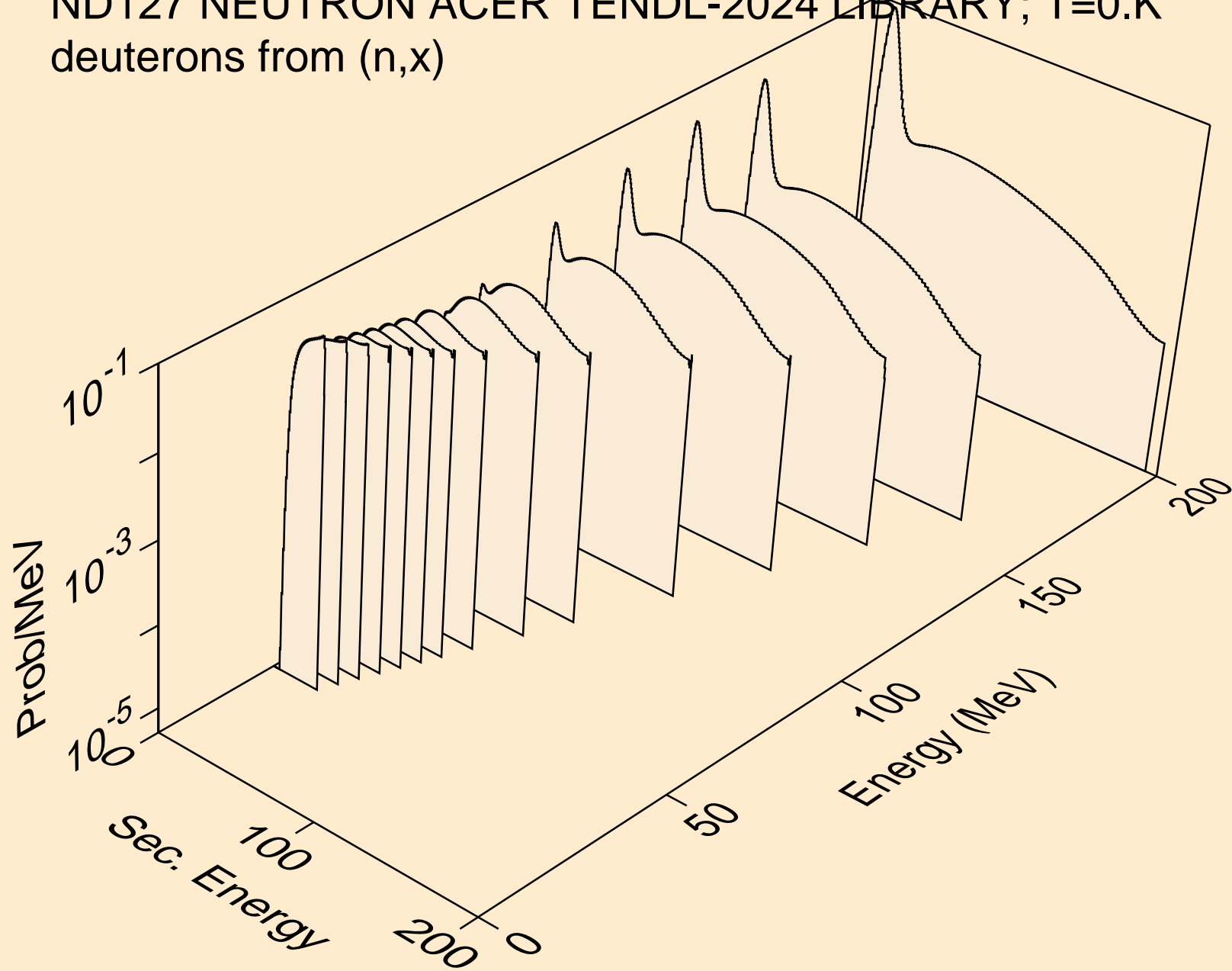
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



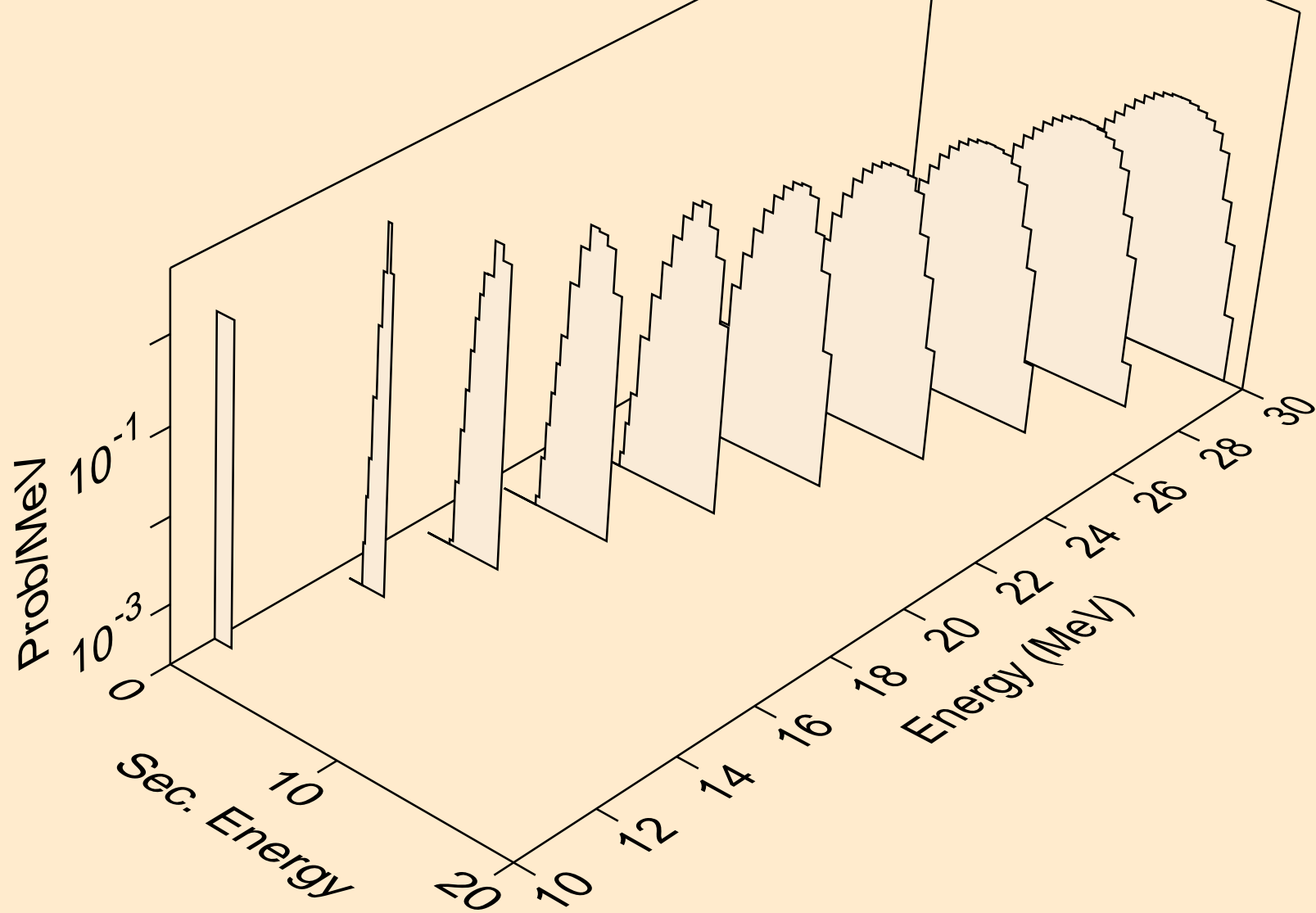
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

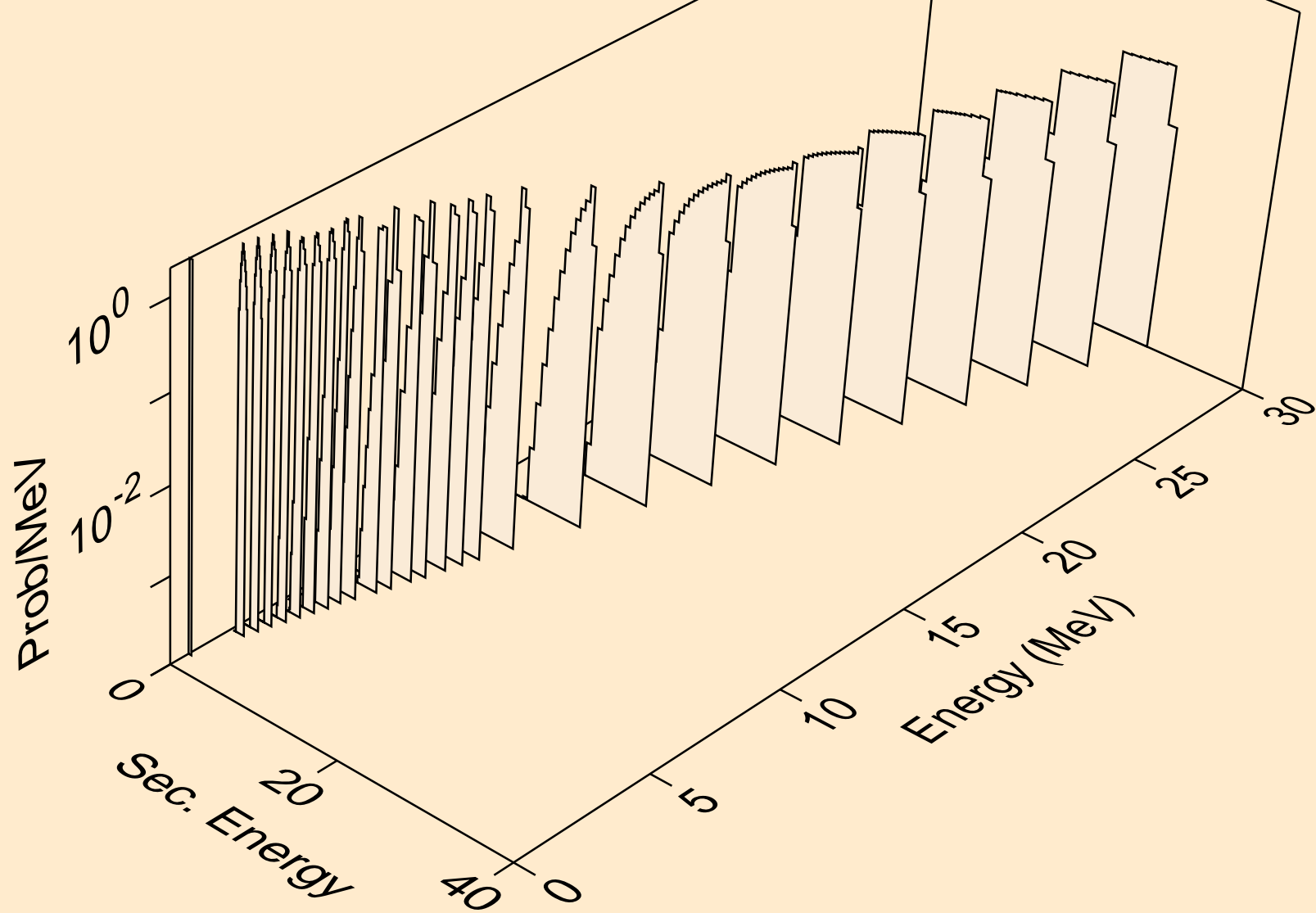


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

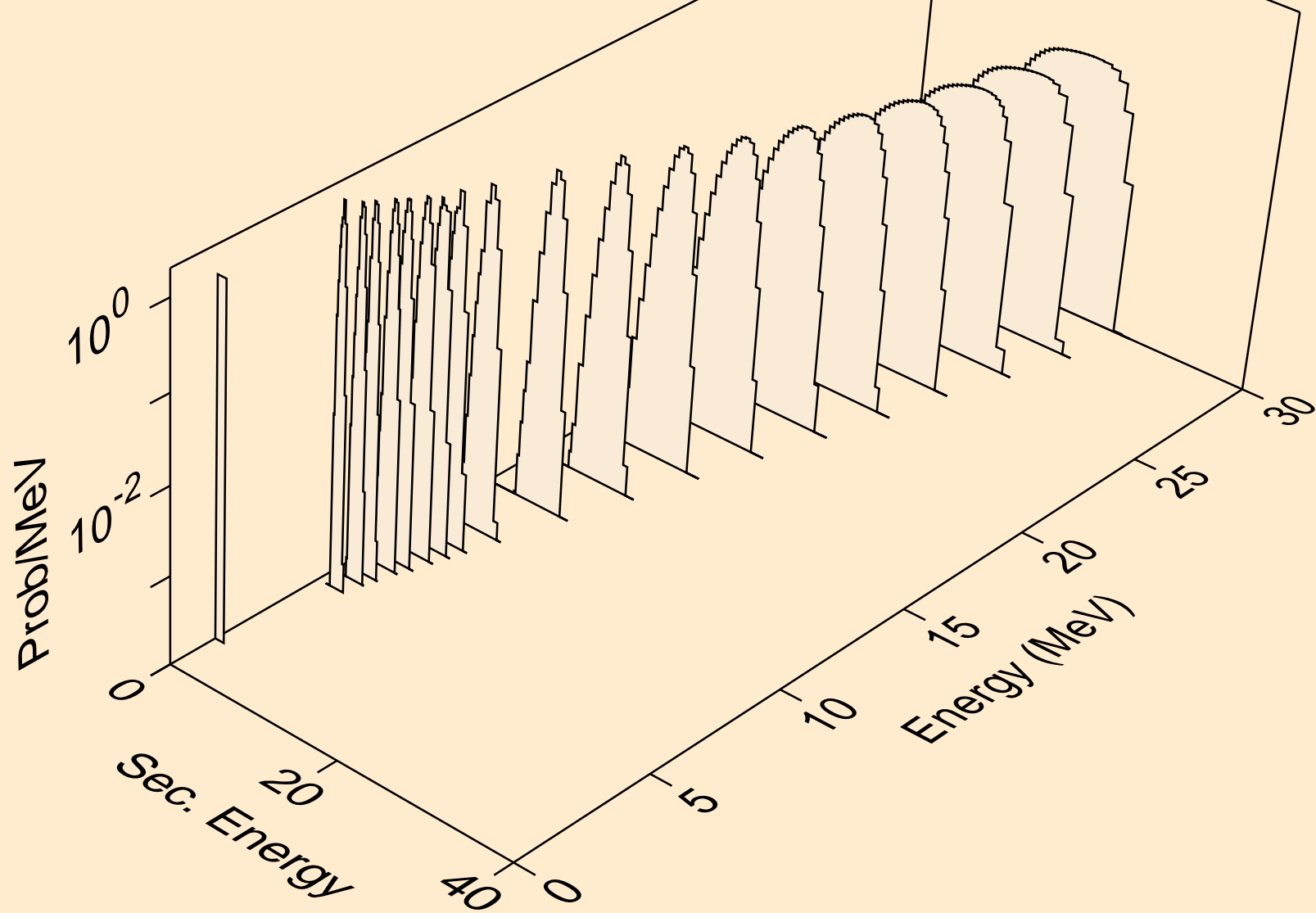




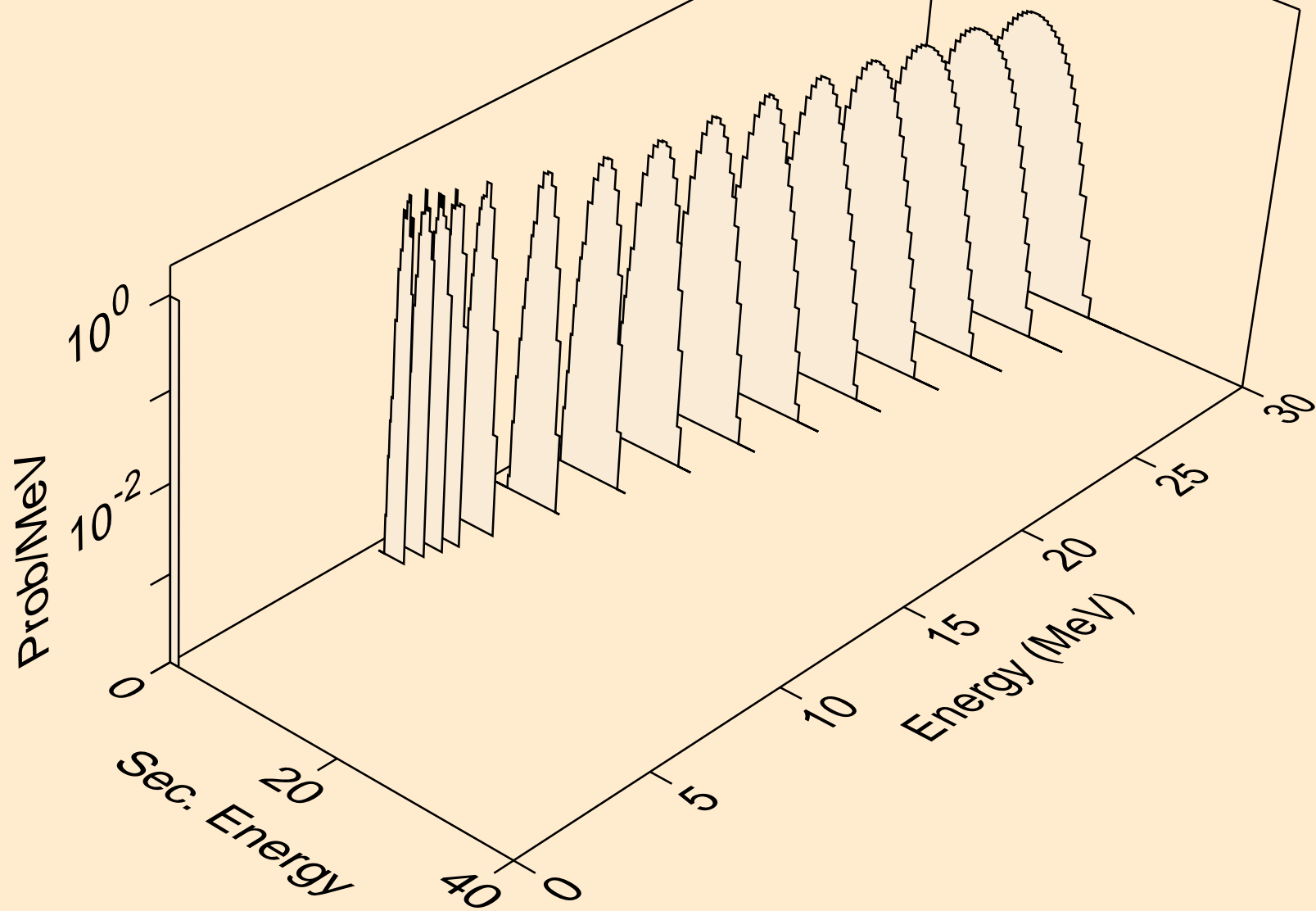
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deuterons from (n,d)



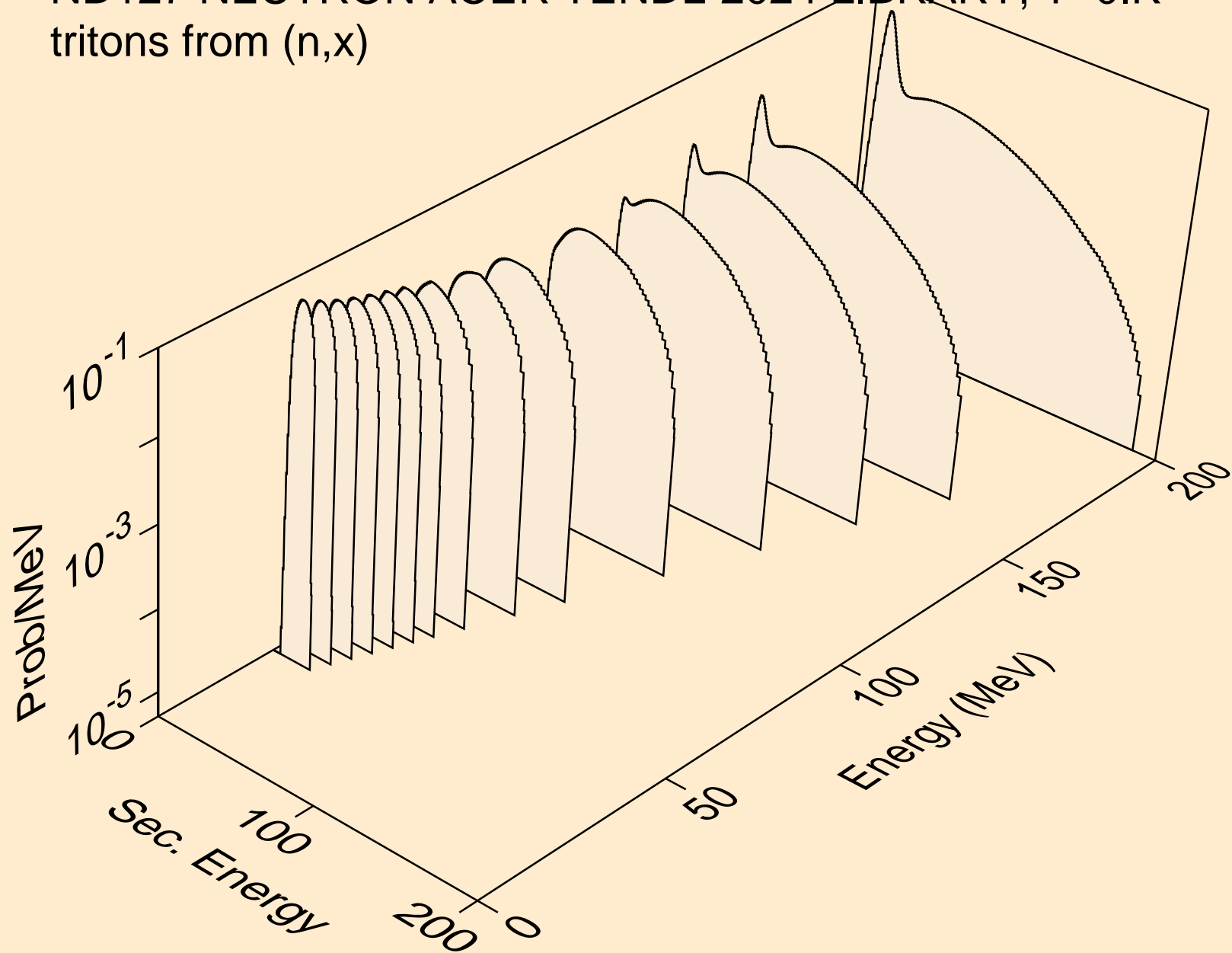
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deuterons from (n,pd)



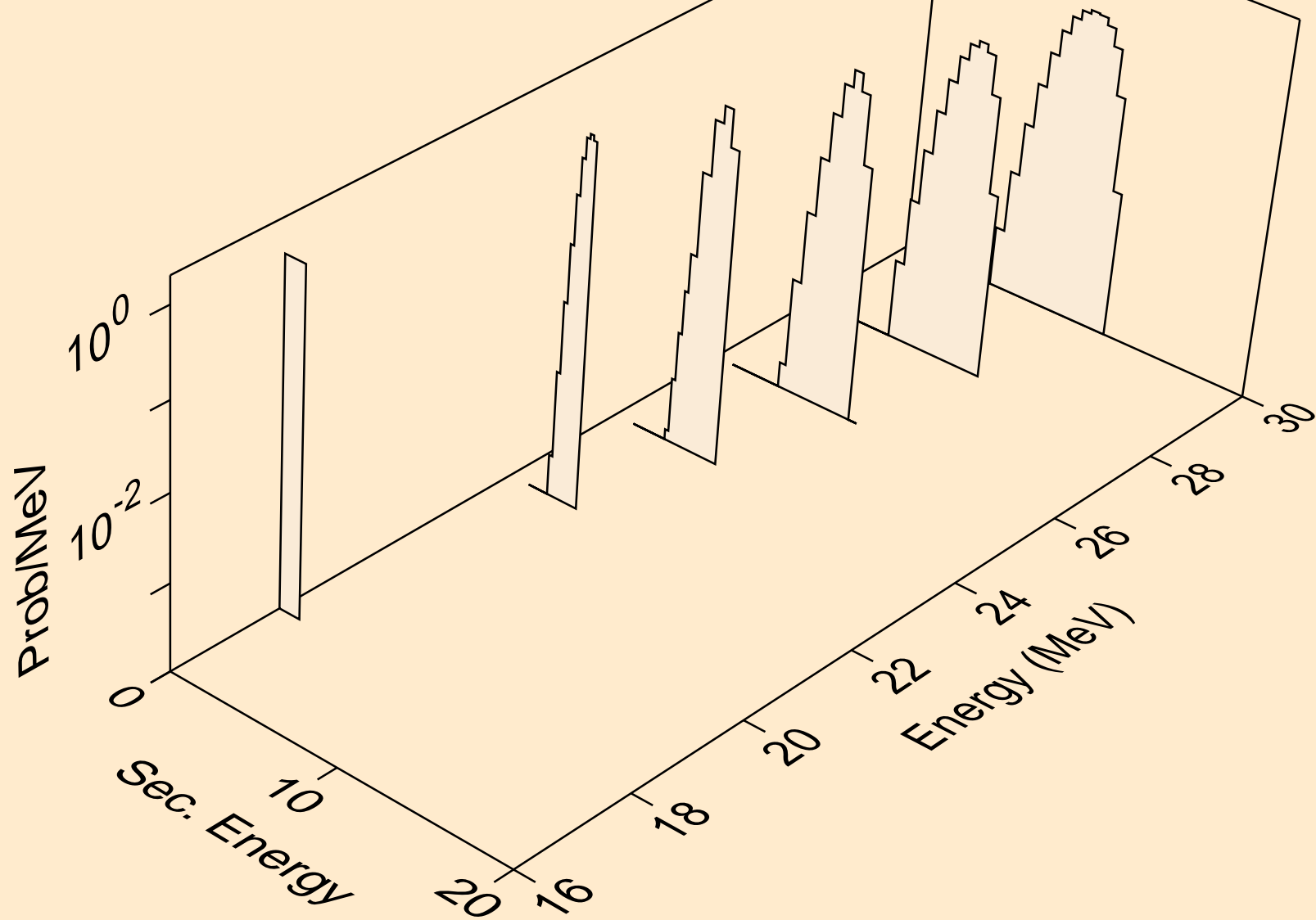
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



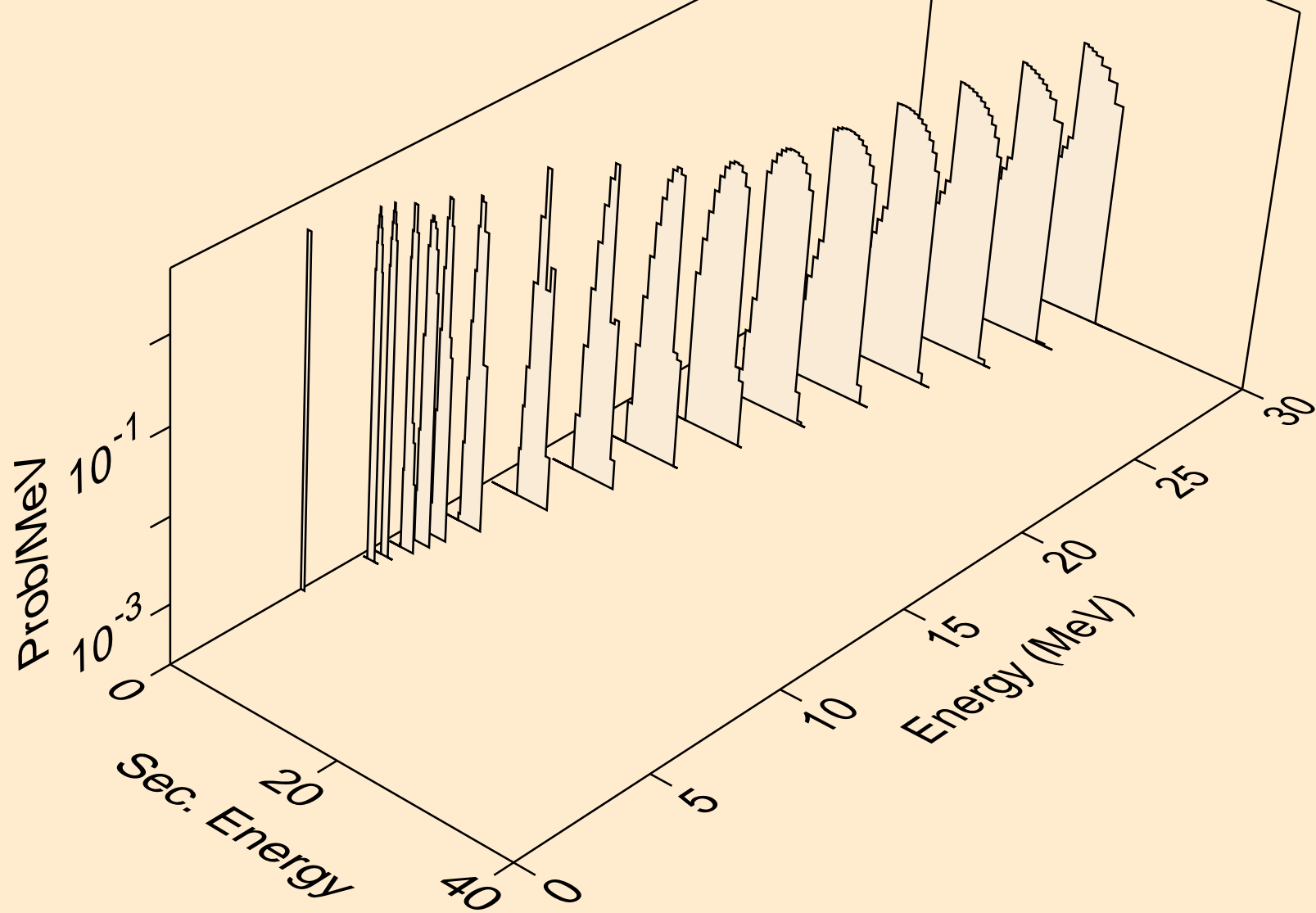
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



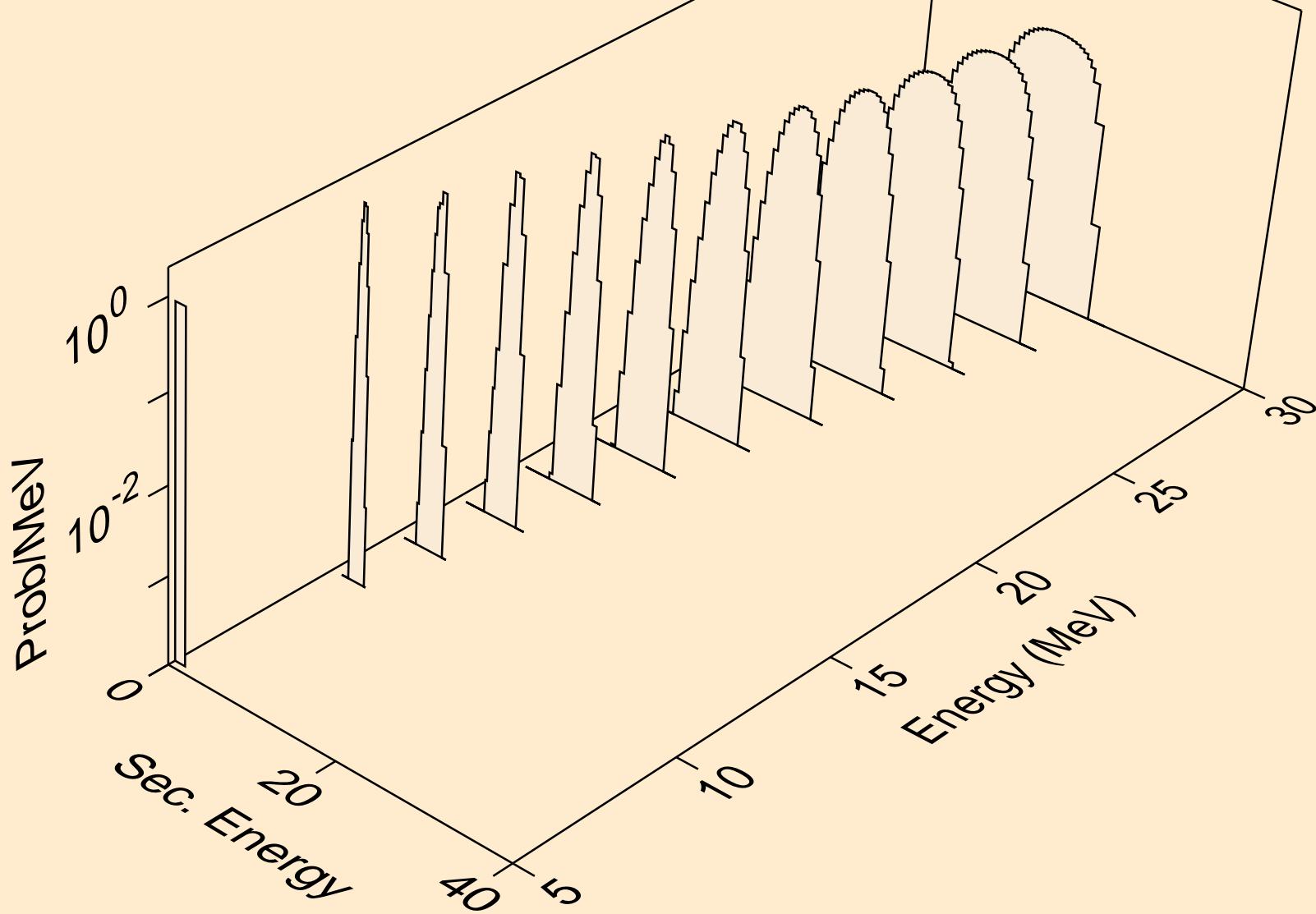
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



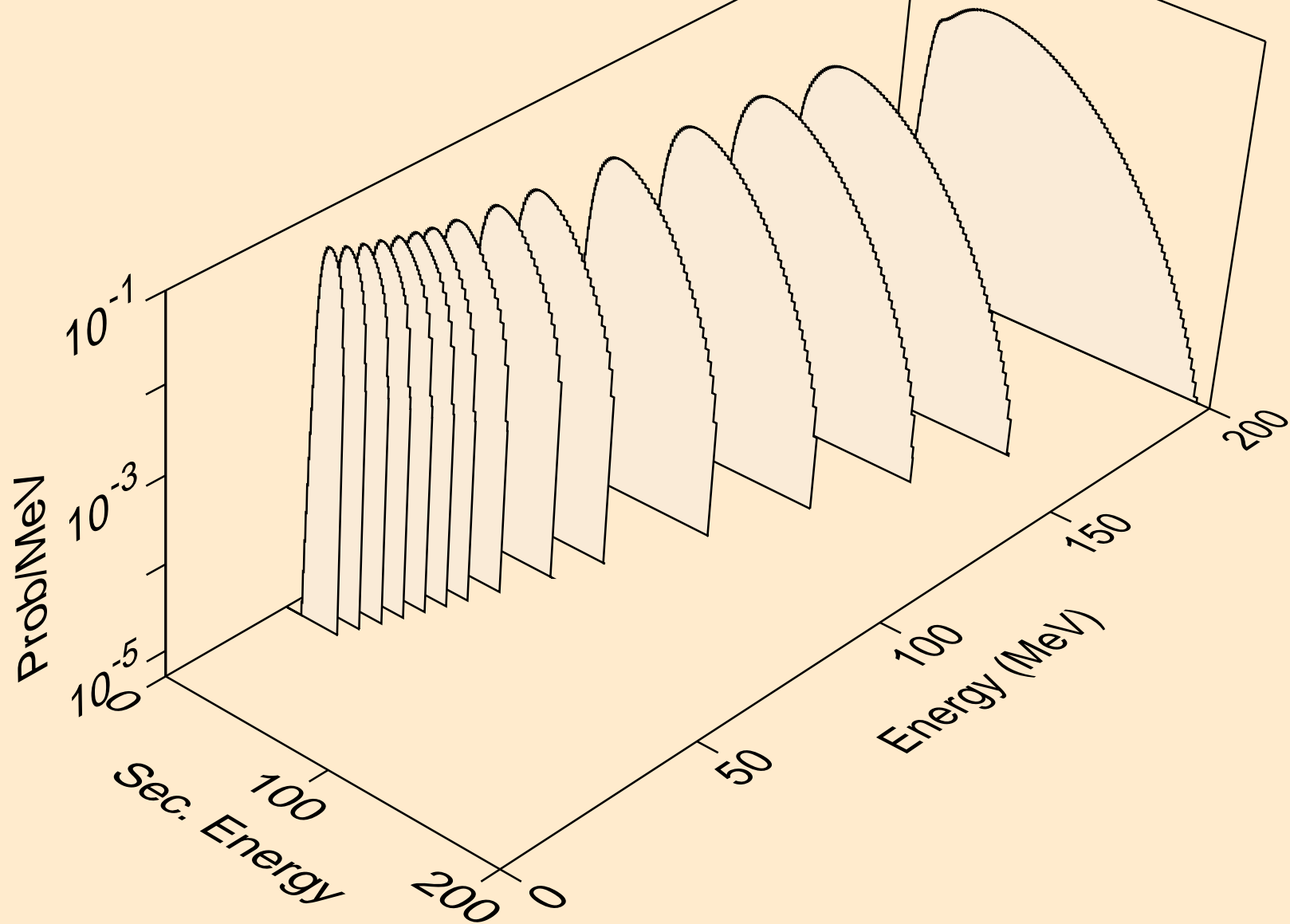
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tritons from (n,t)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

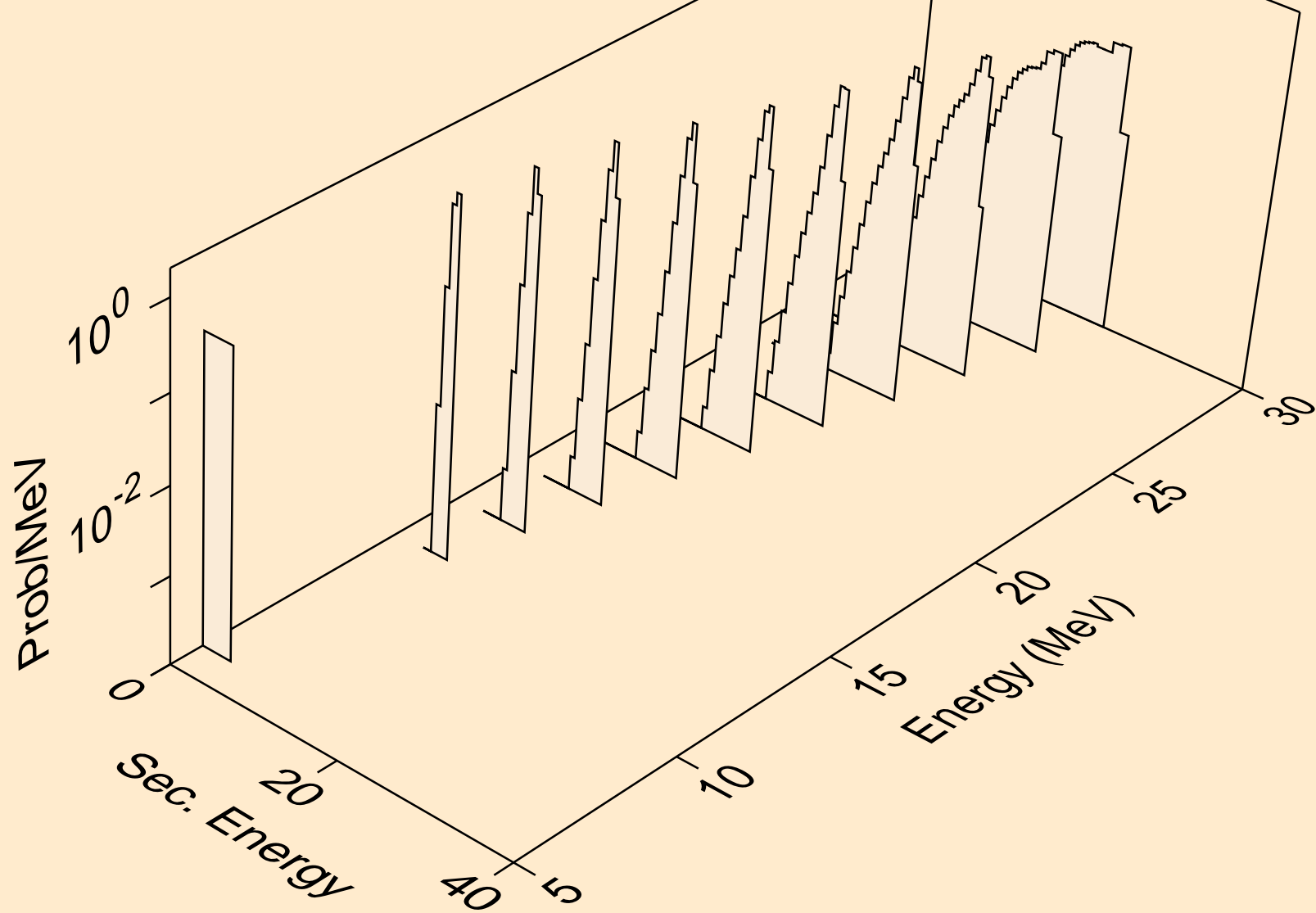


ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

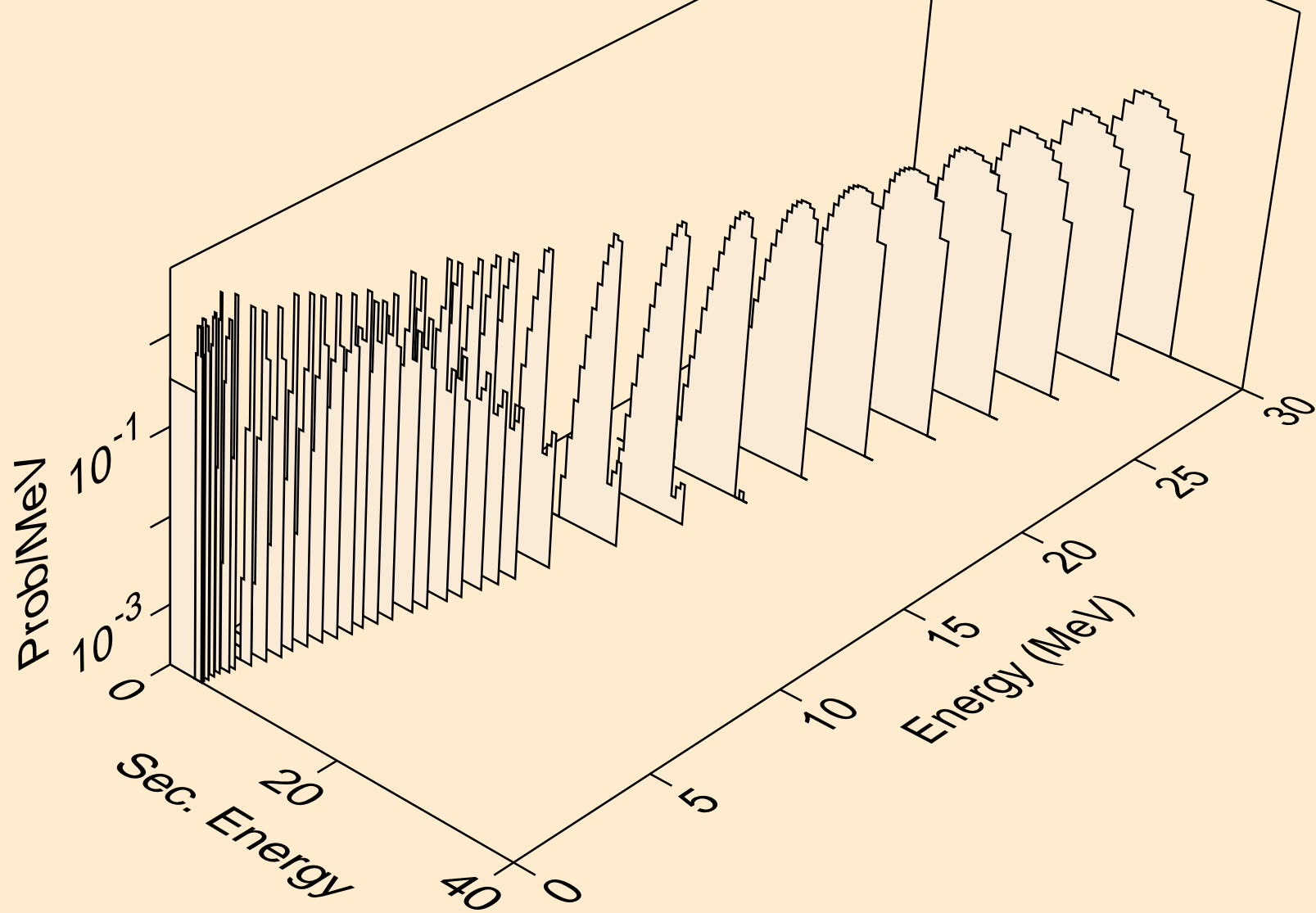




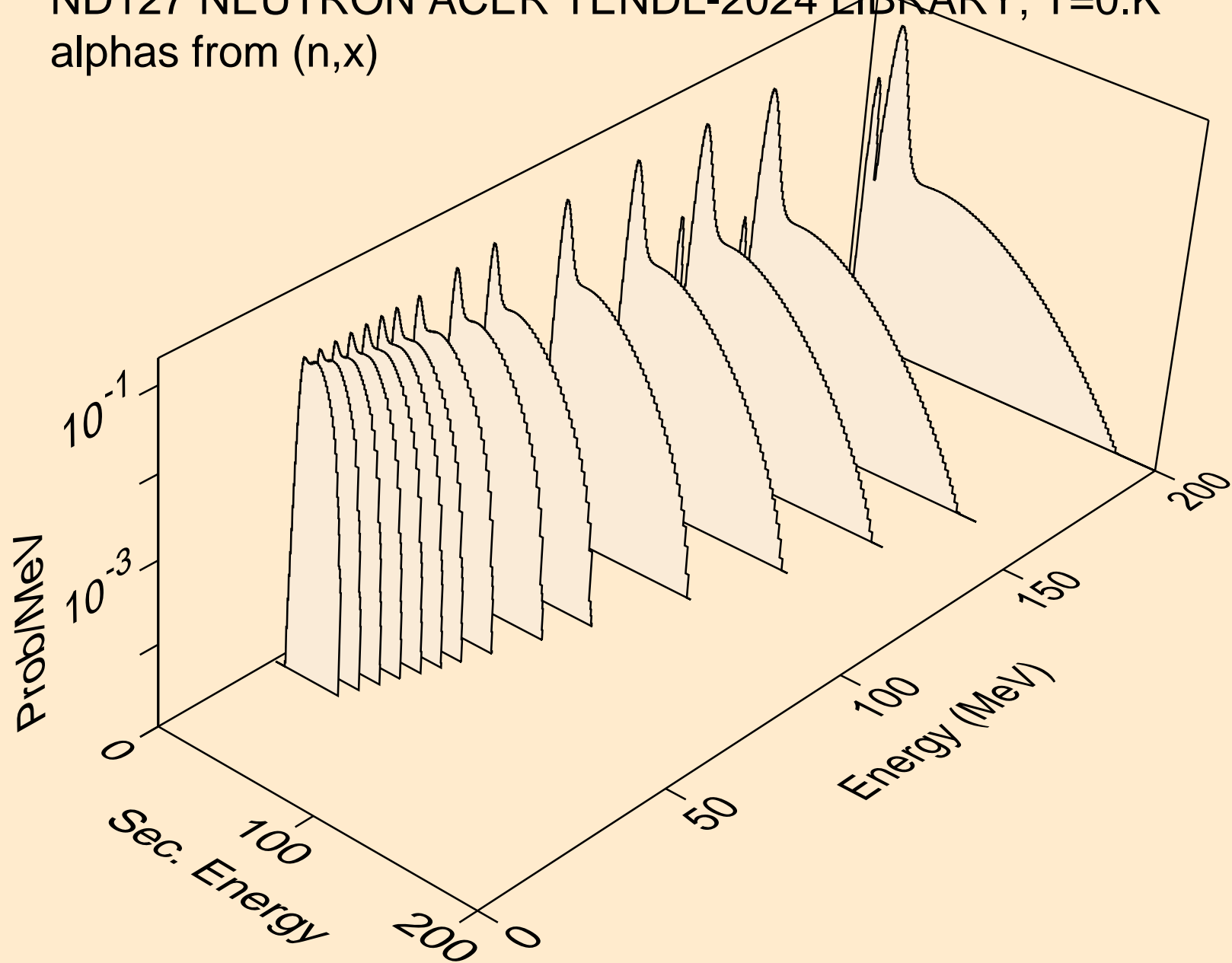
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he3s from (n,n\*)he3



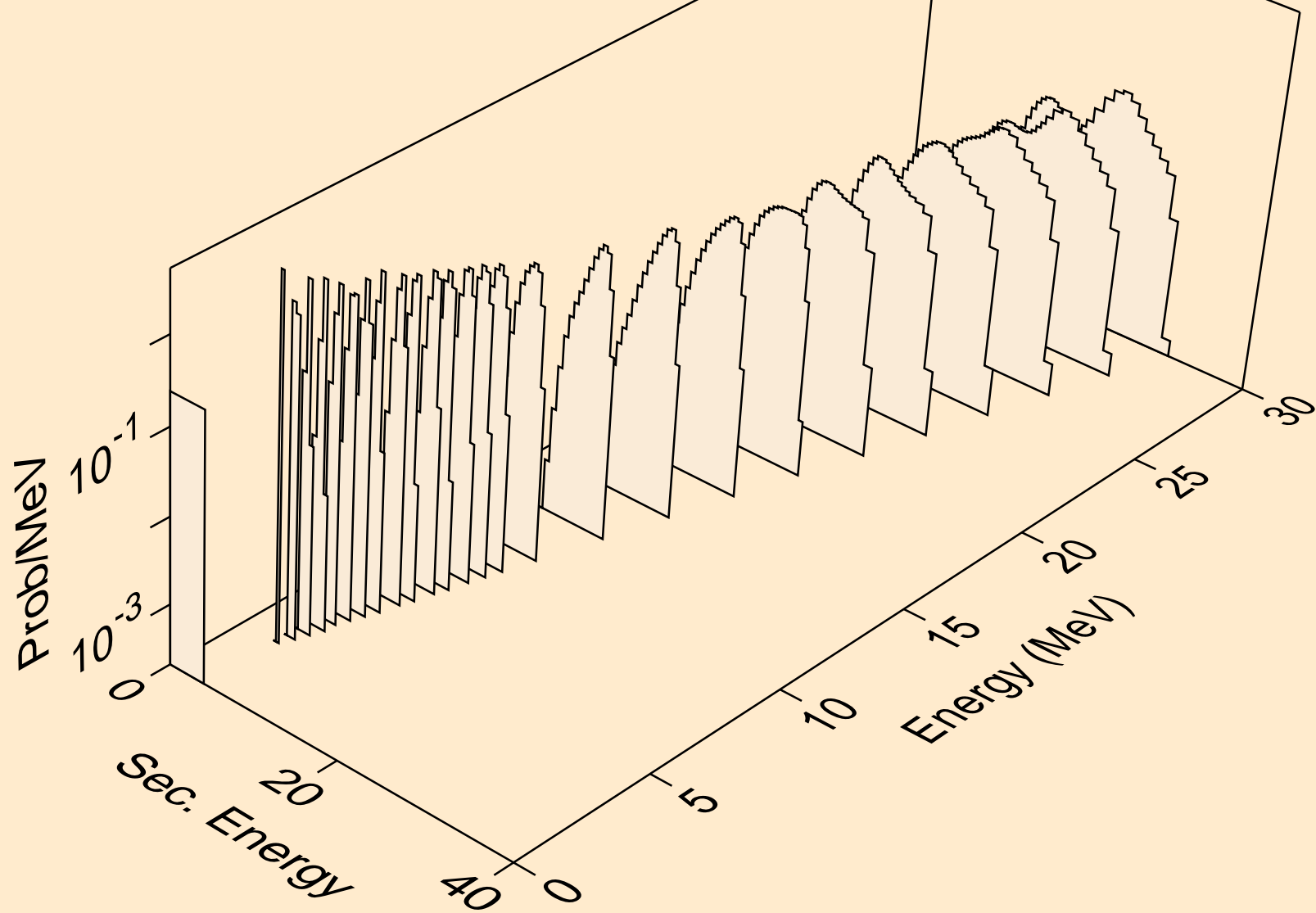
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he3s from (n,he3)



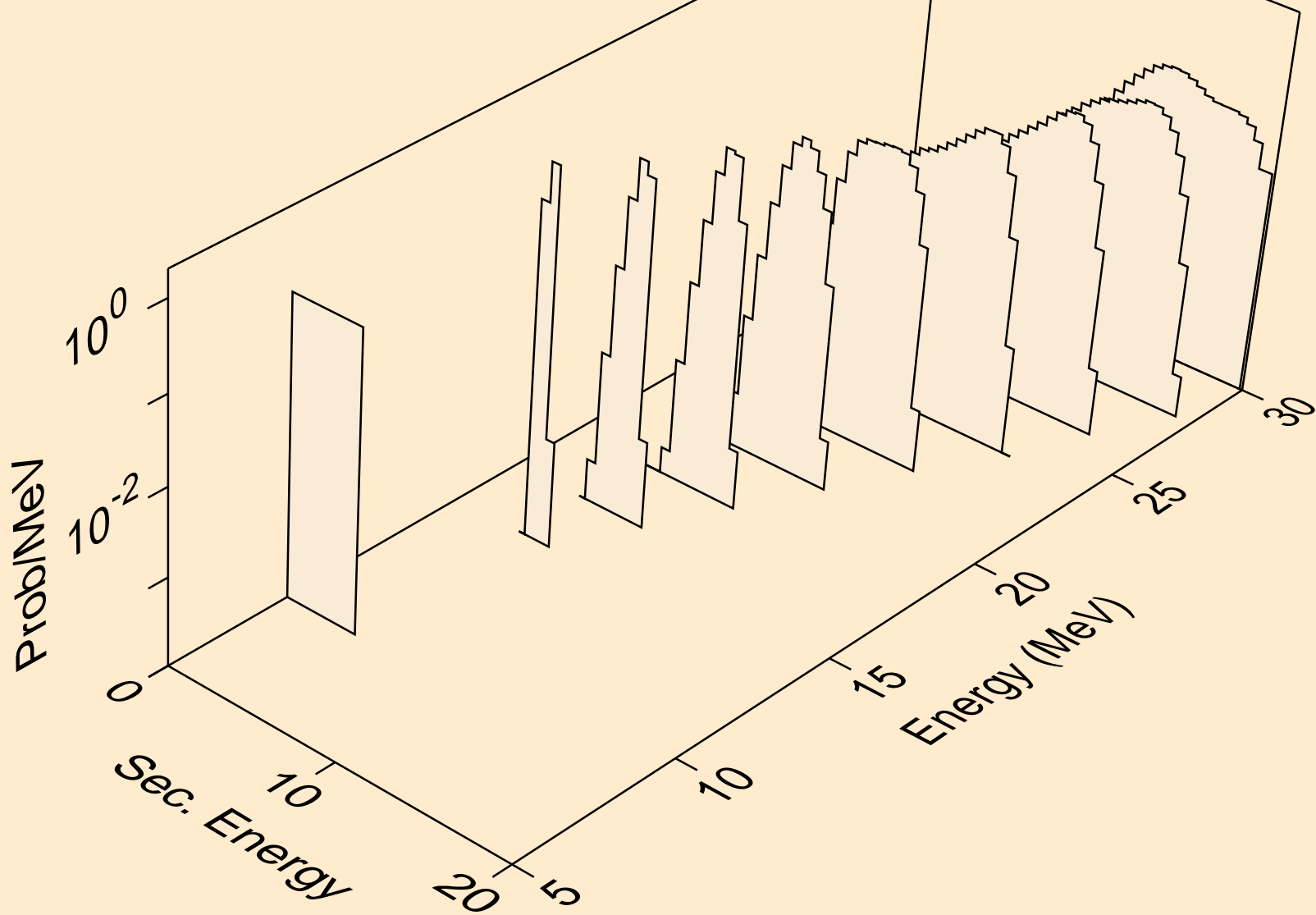
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



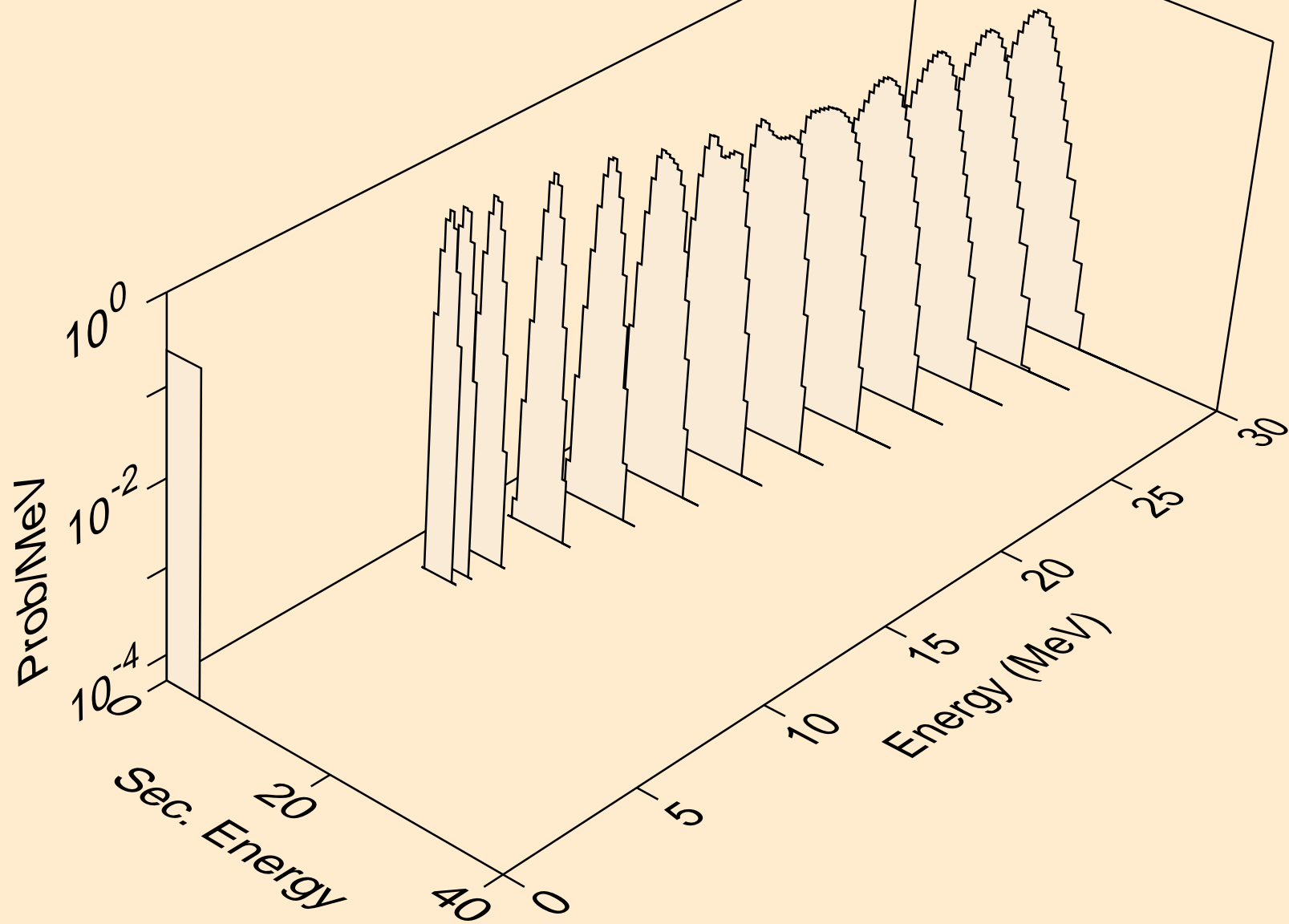
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



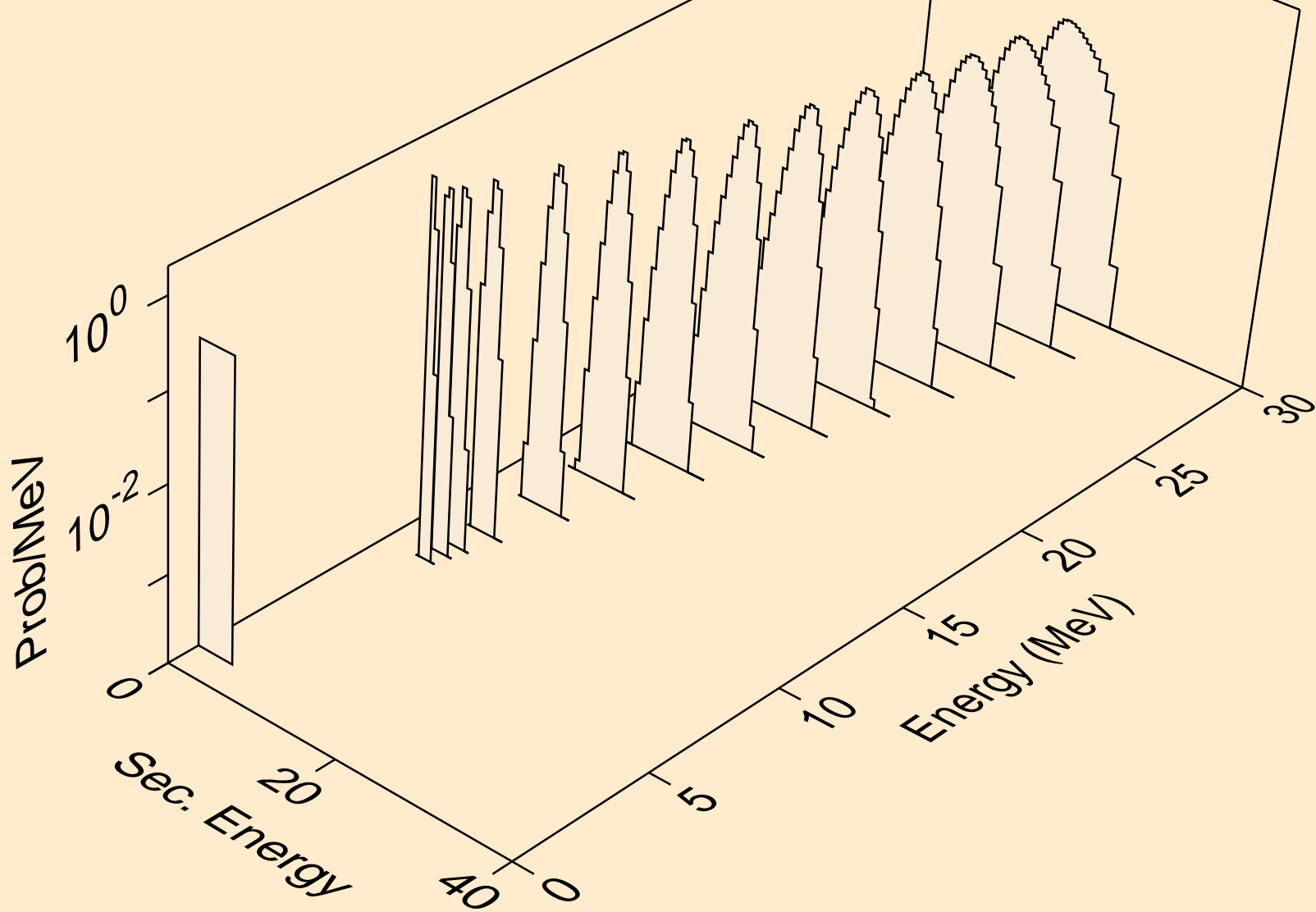
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



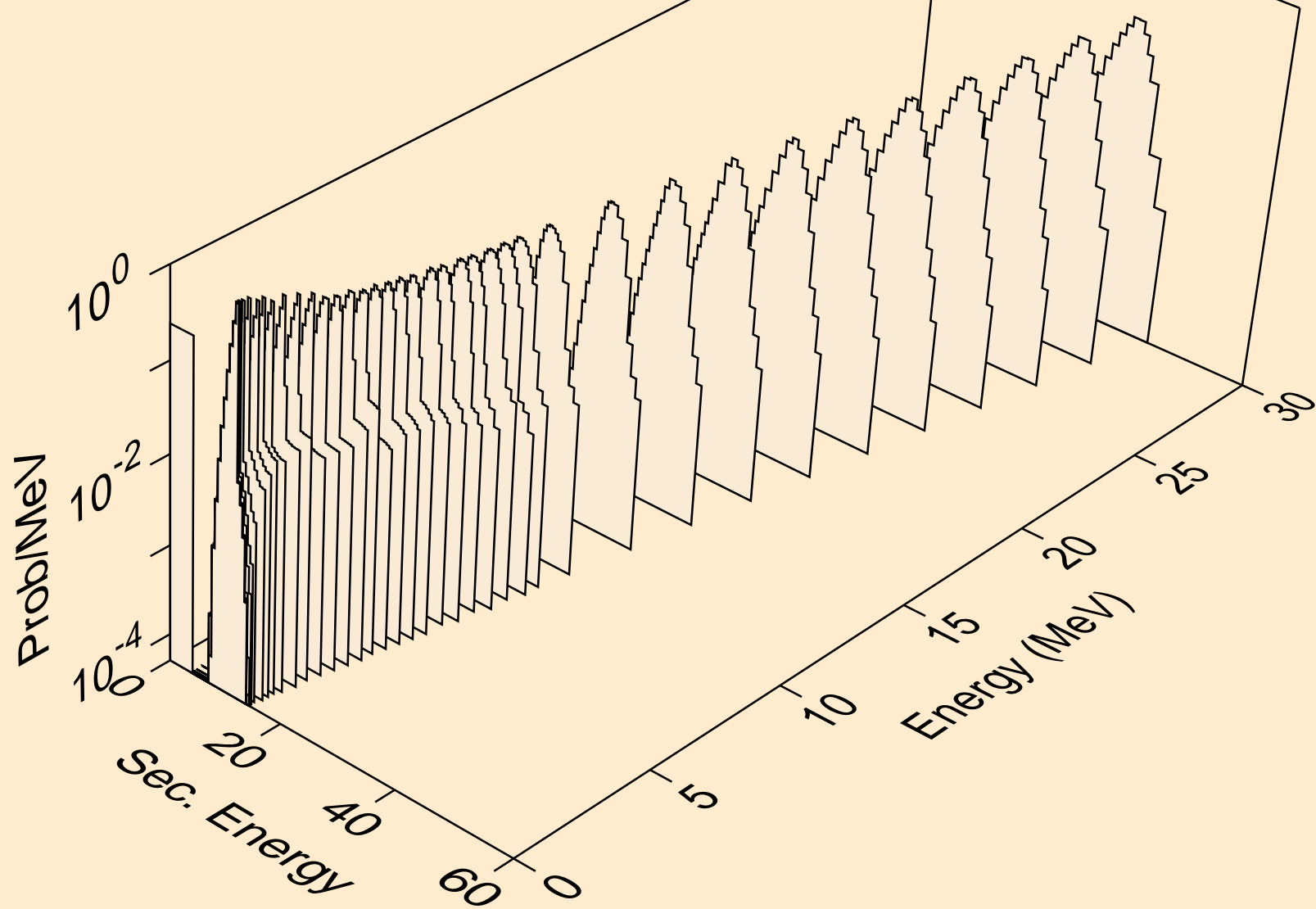
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

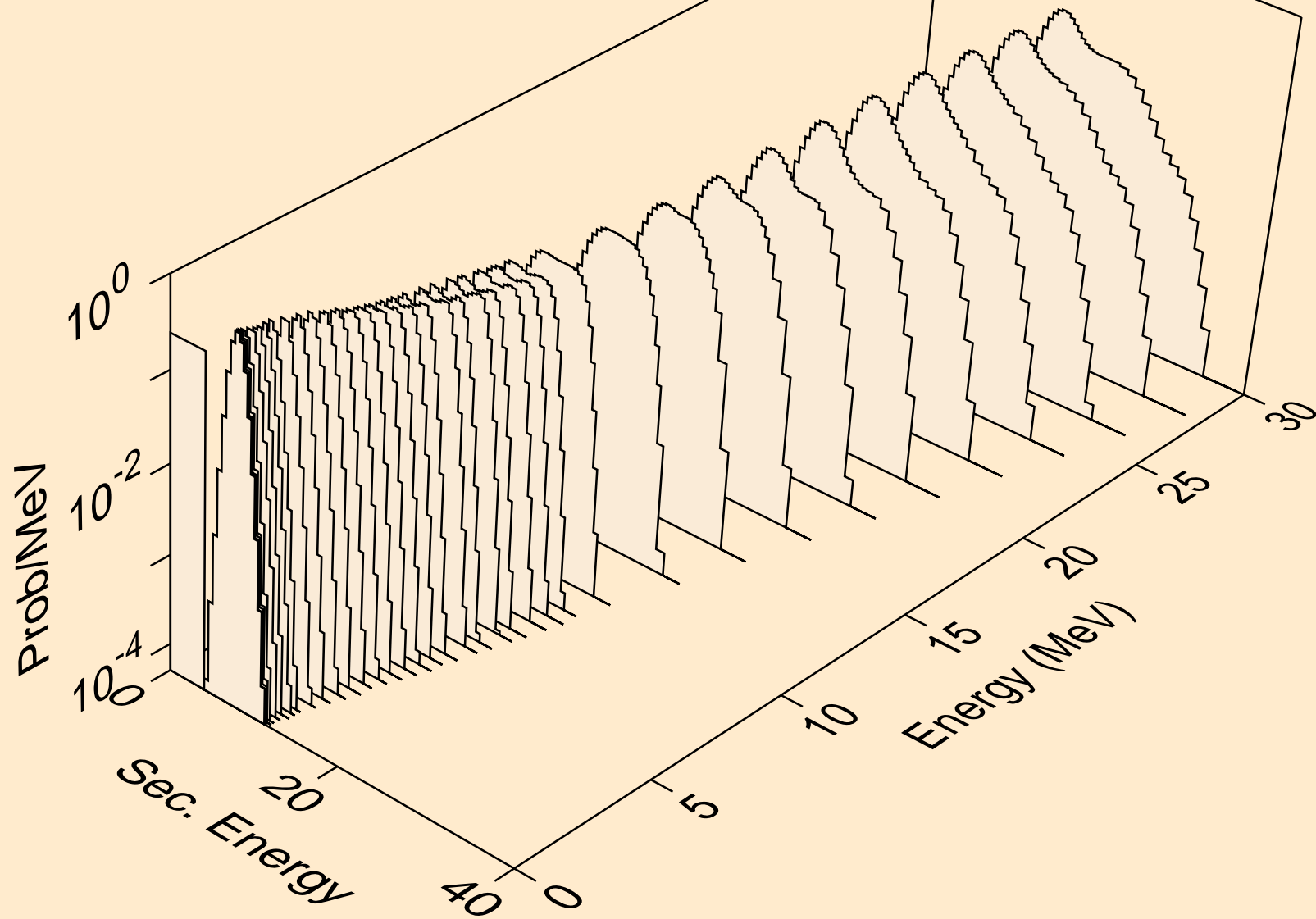


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alphas from (n,a)

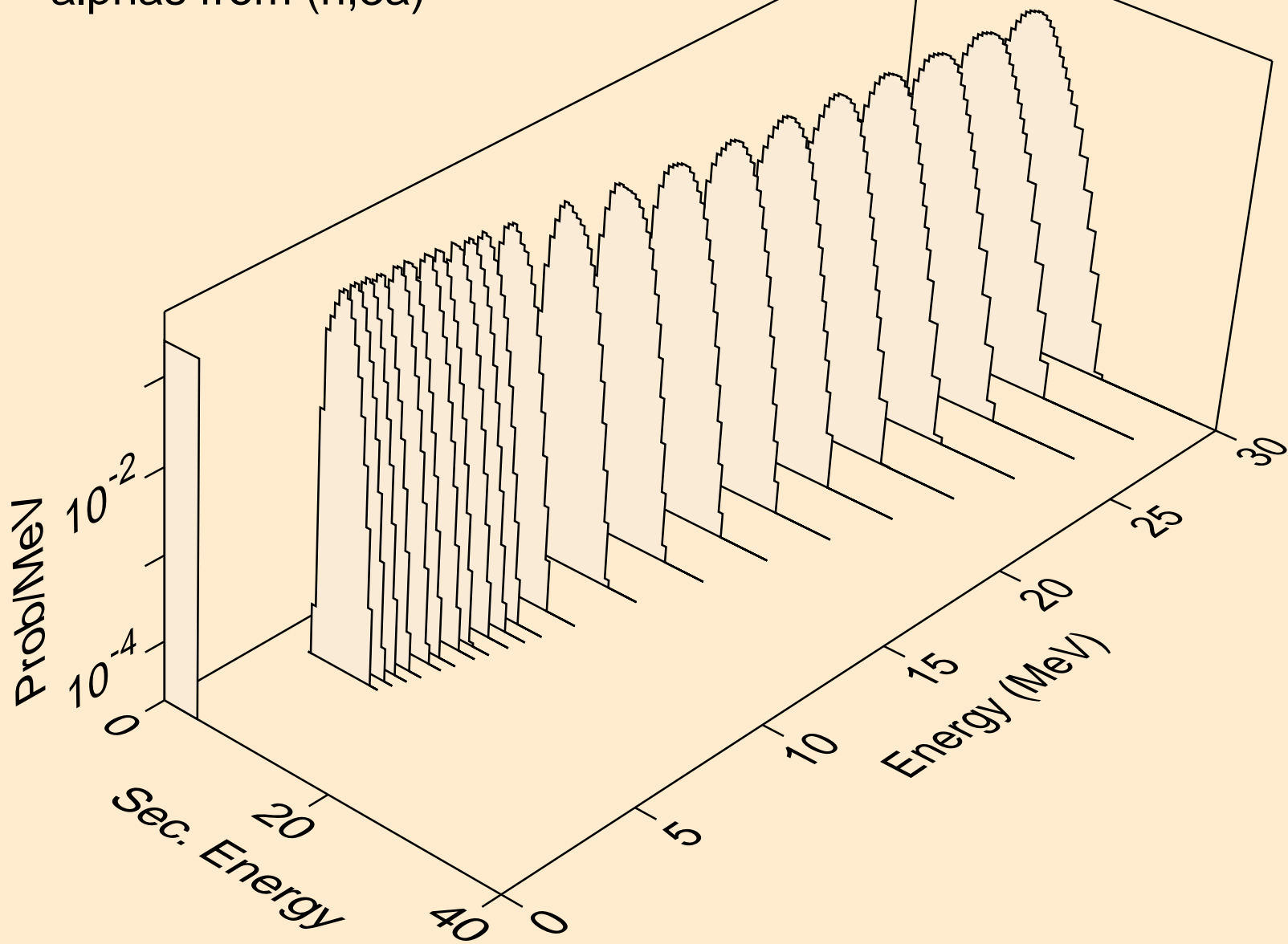




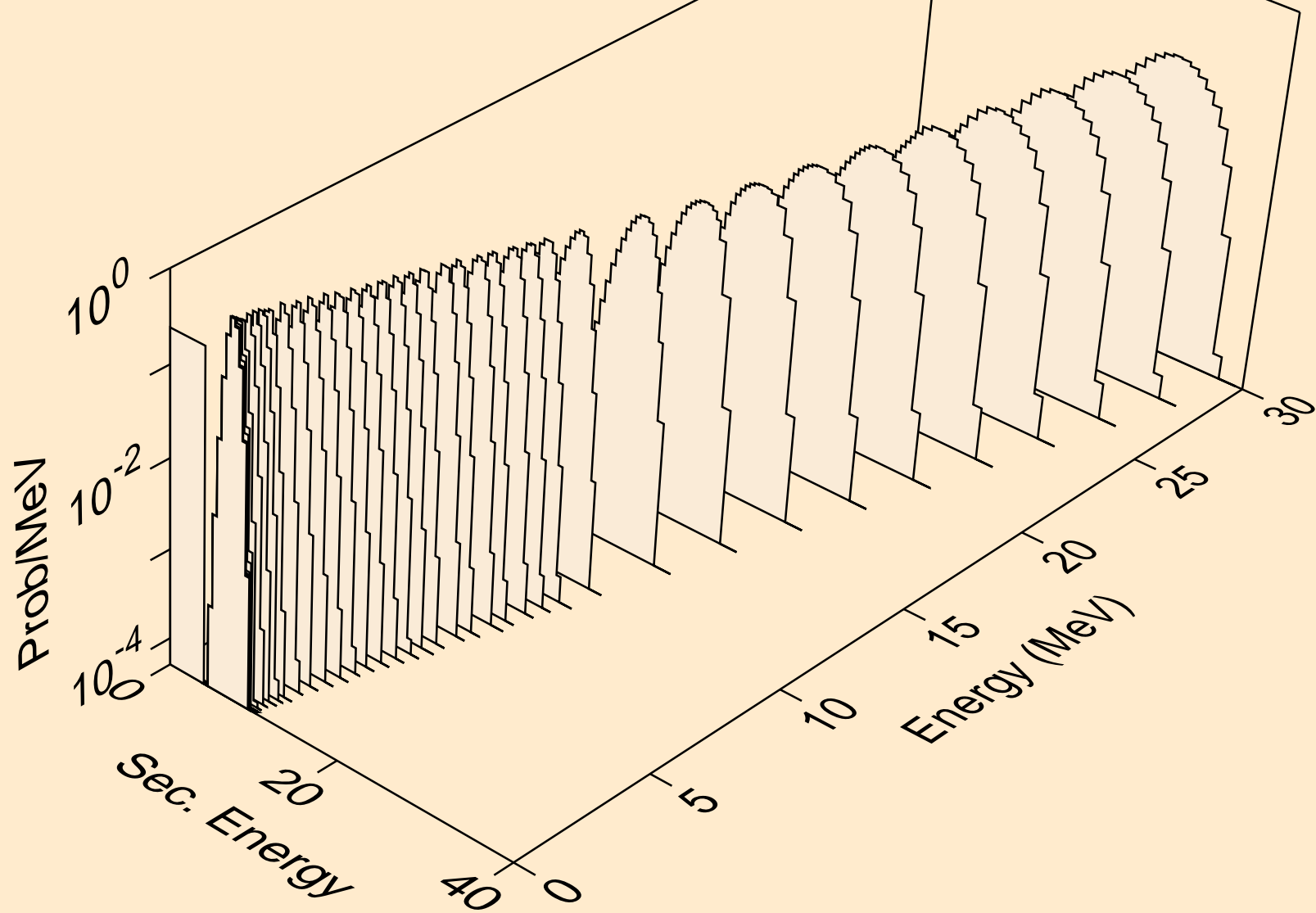
ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



ND127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

