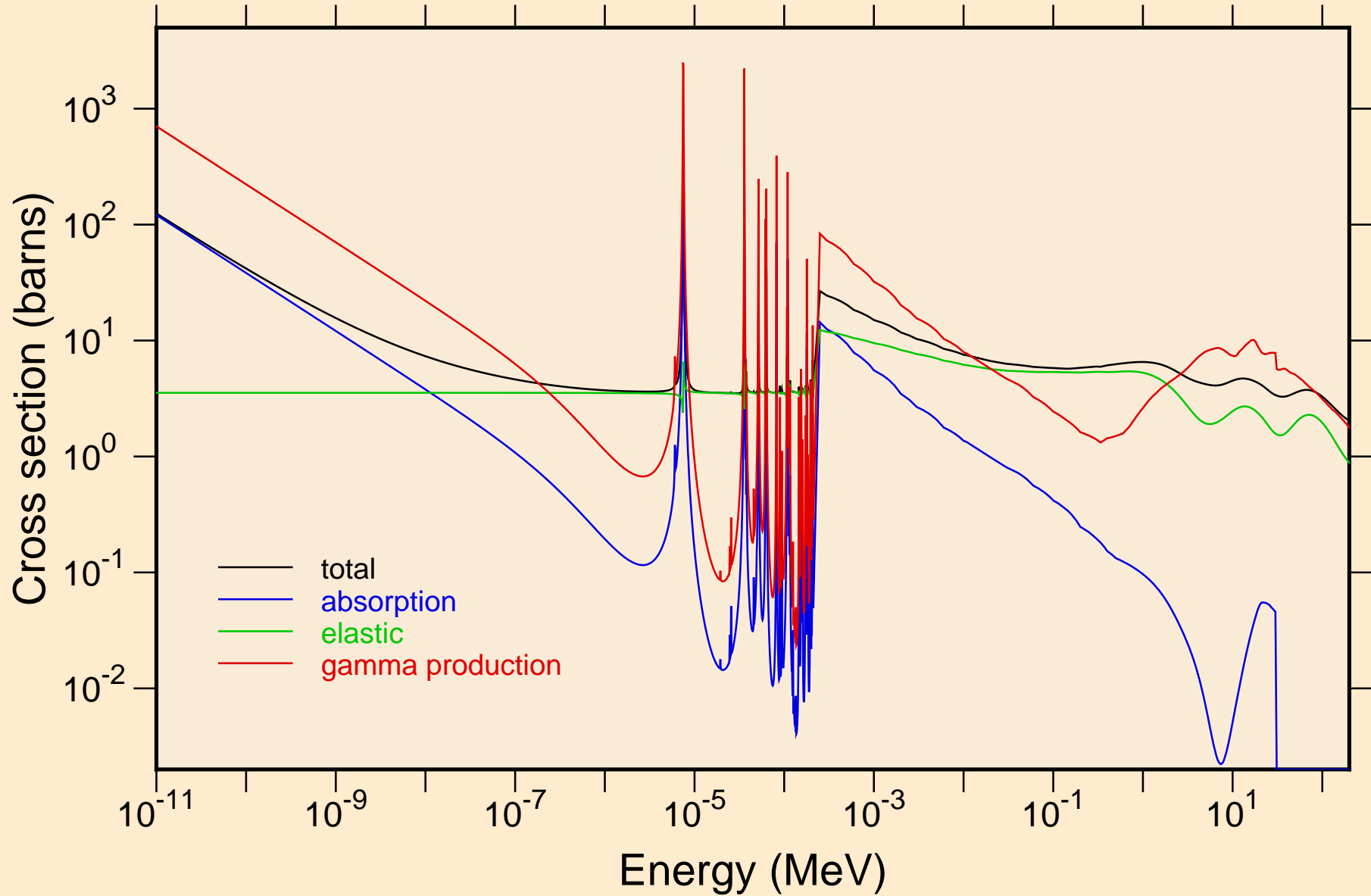
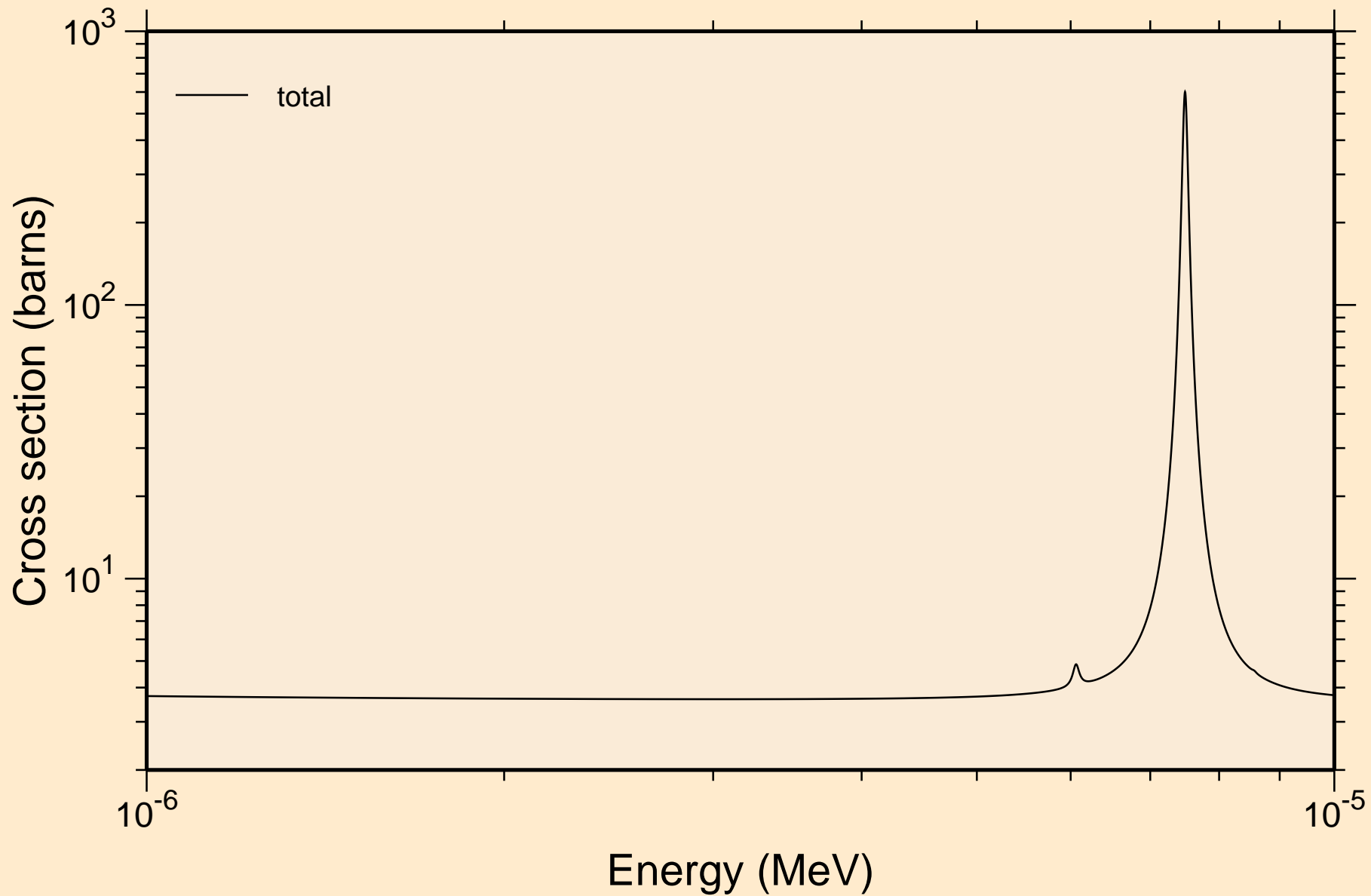


# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

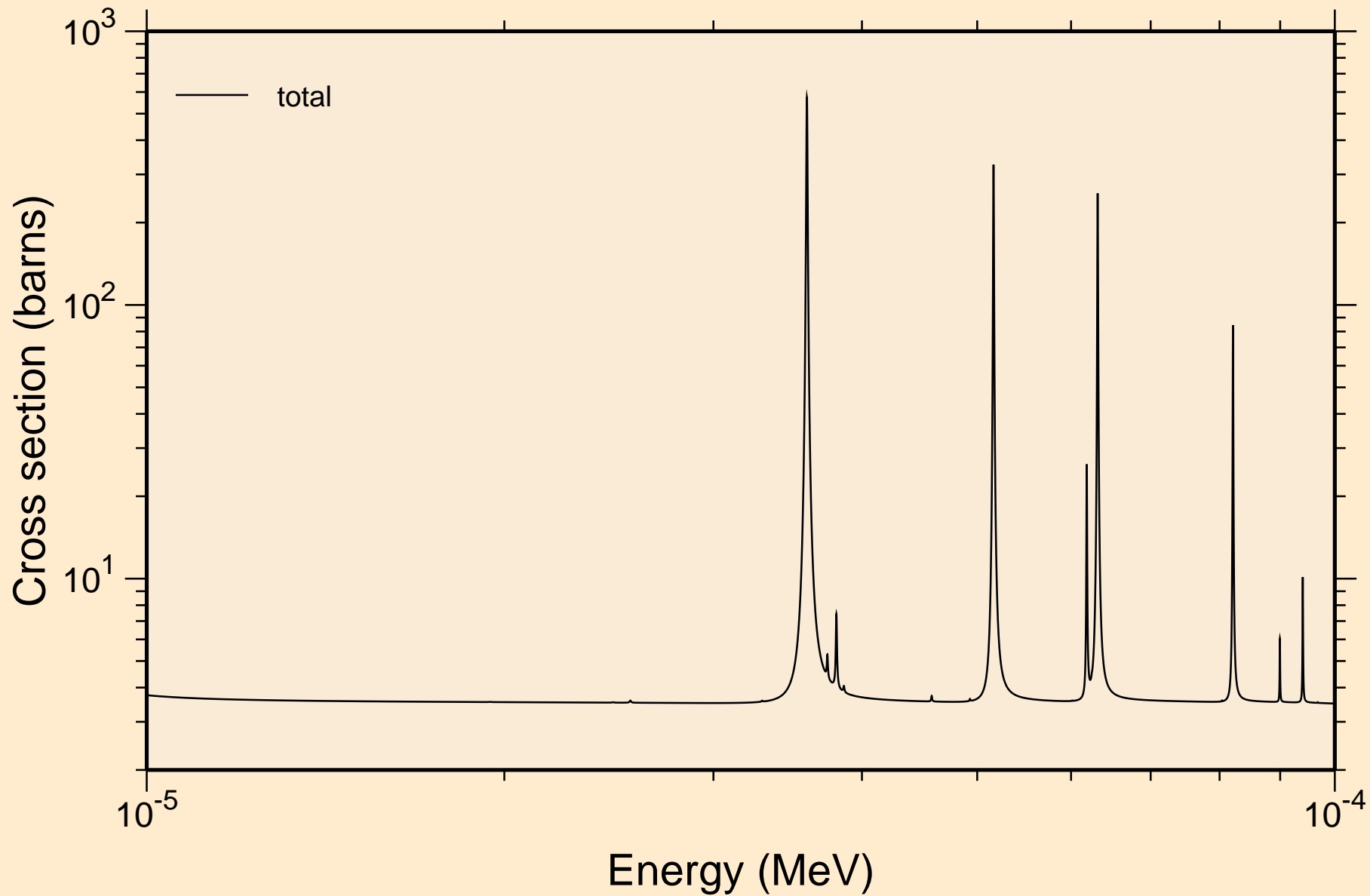
## Principal cross sections



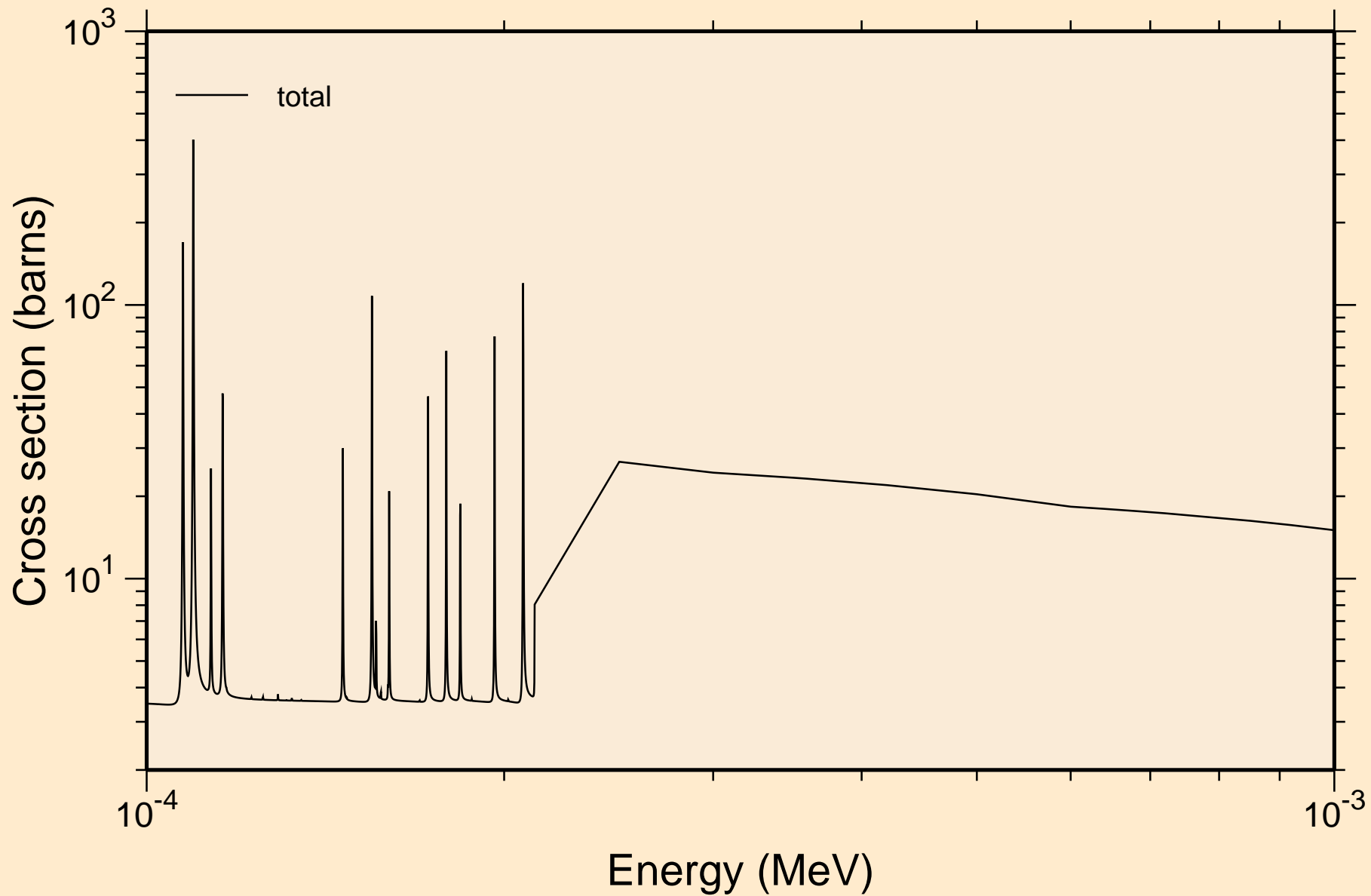
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



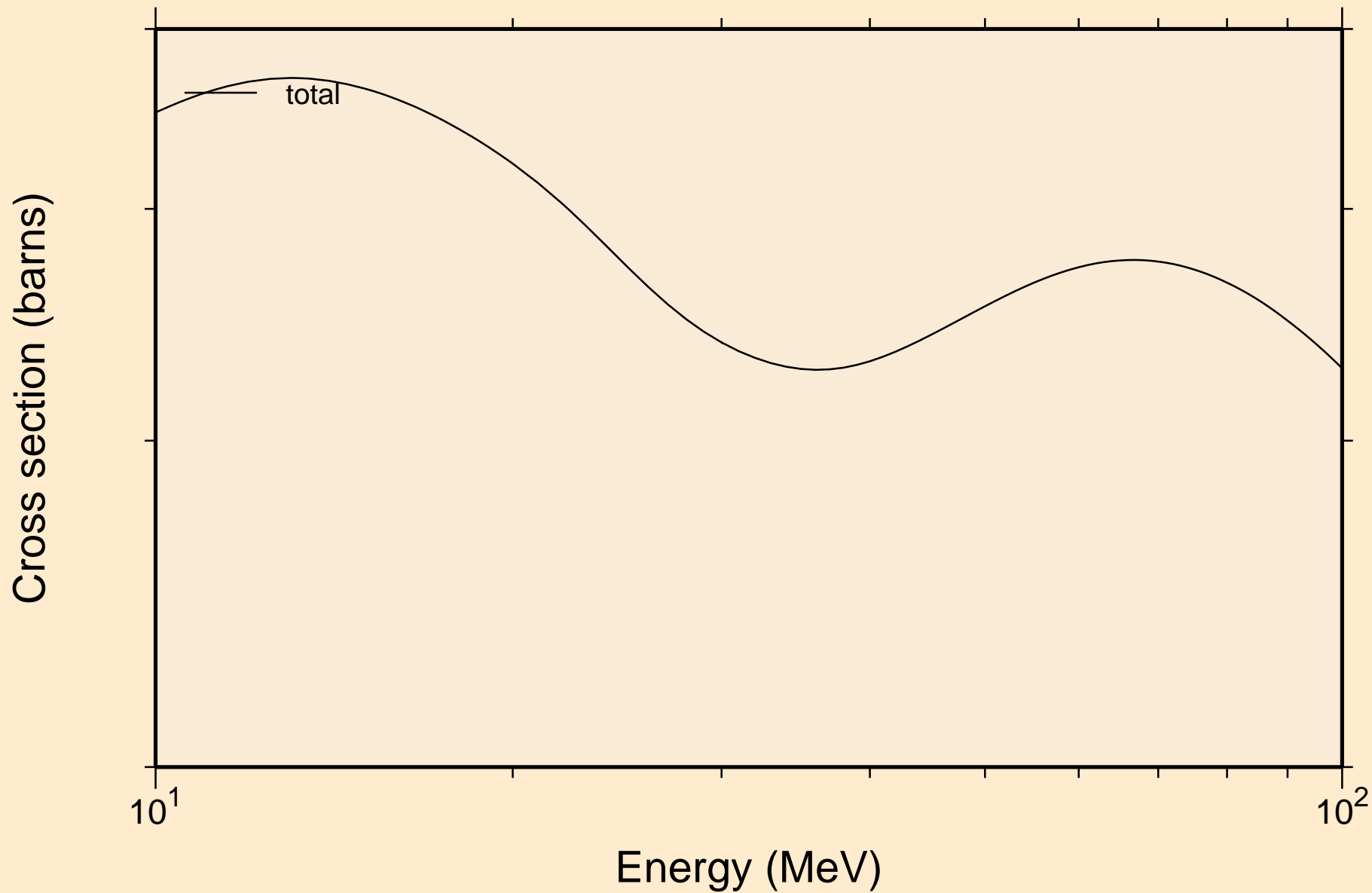
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



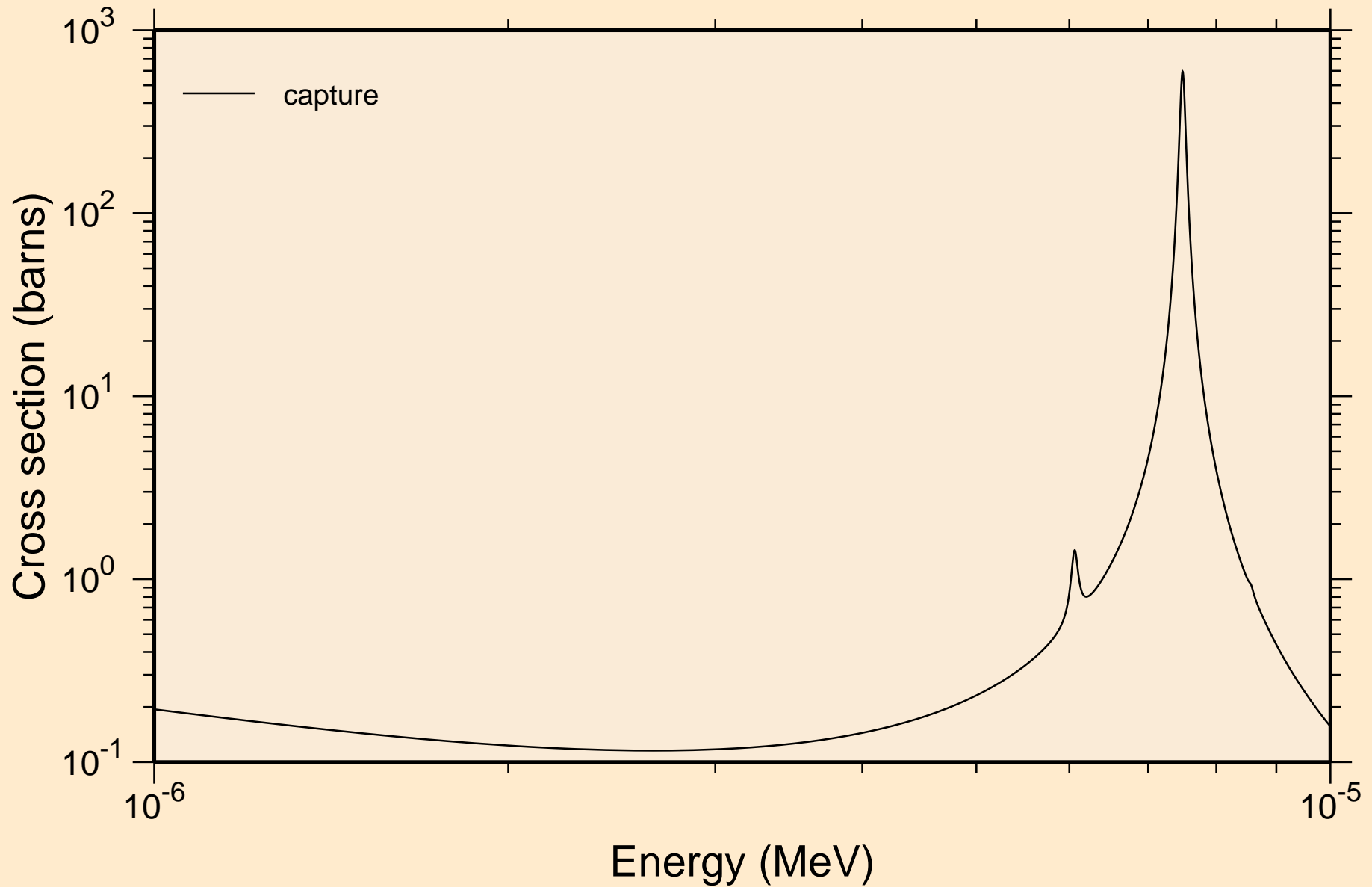
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



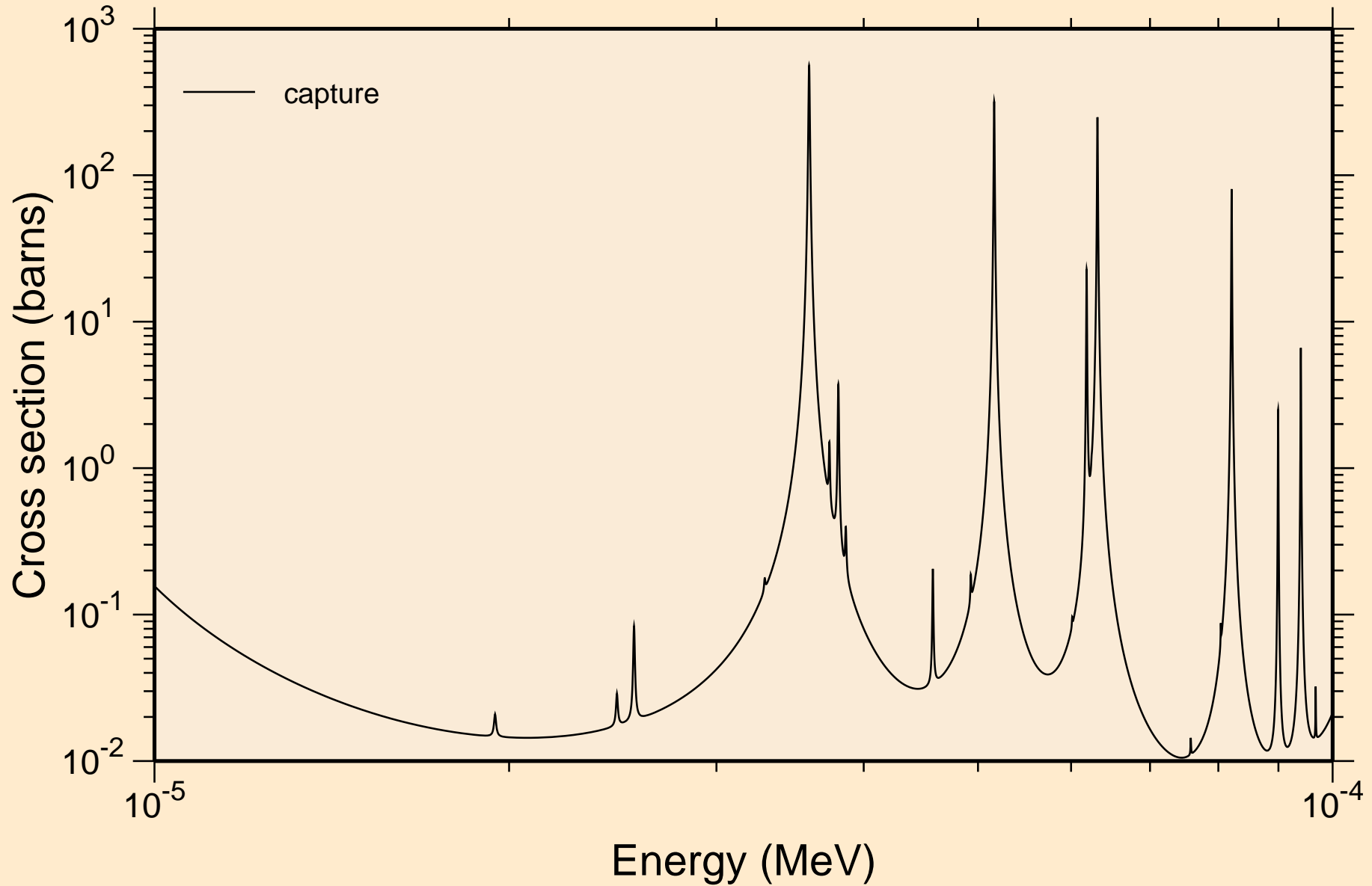
S<sup>124</sup>N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



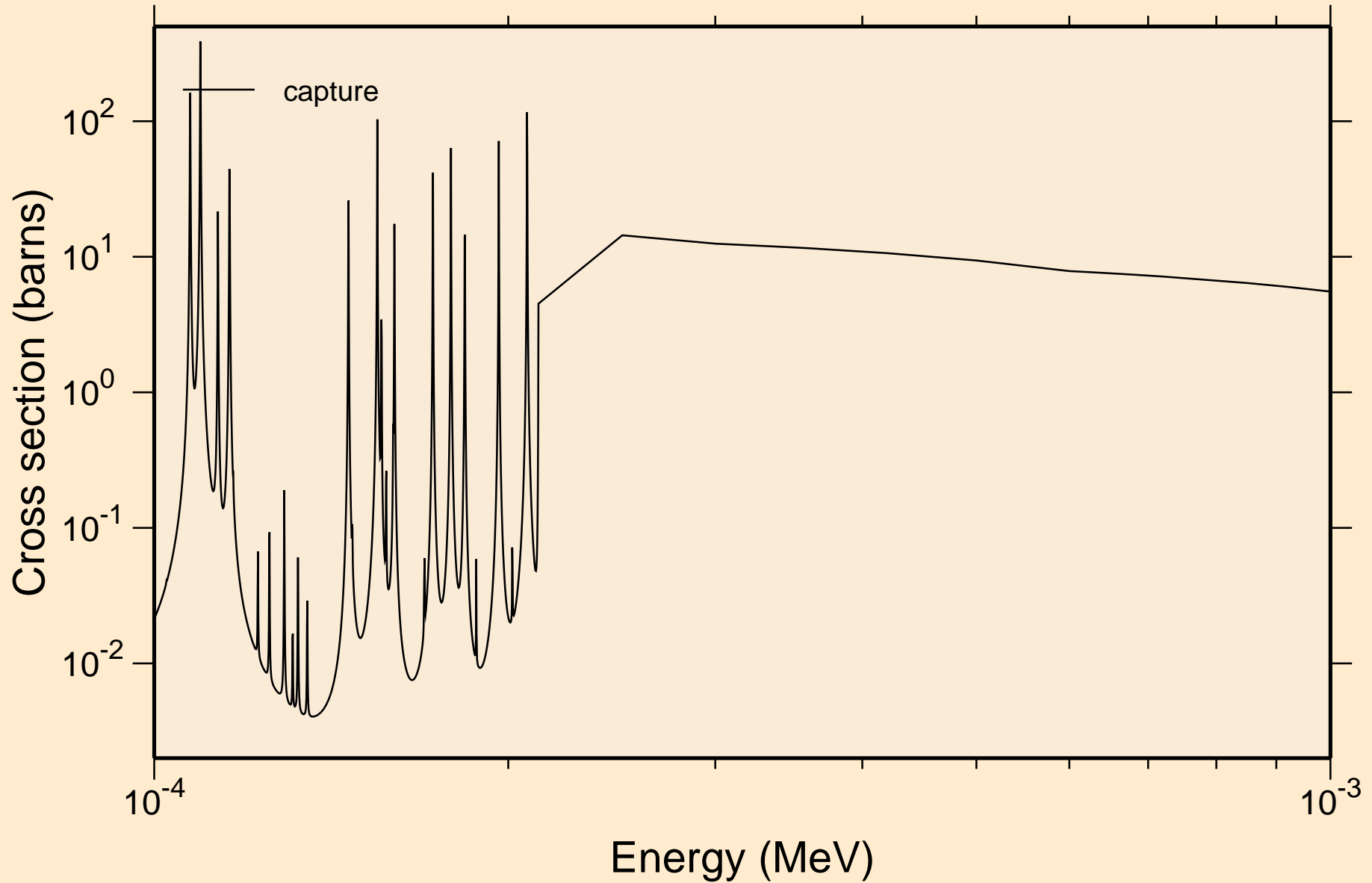
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

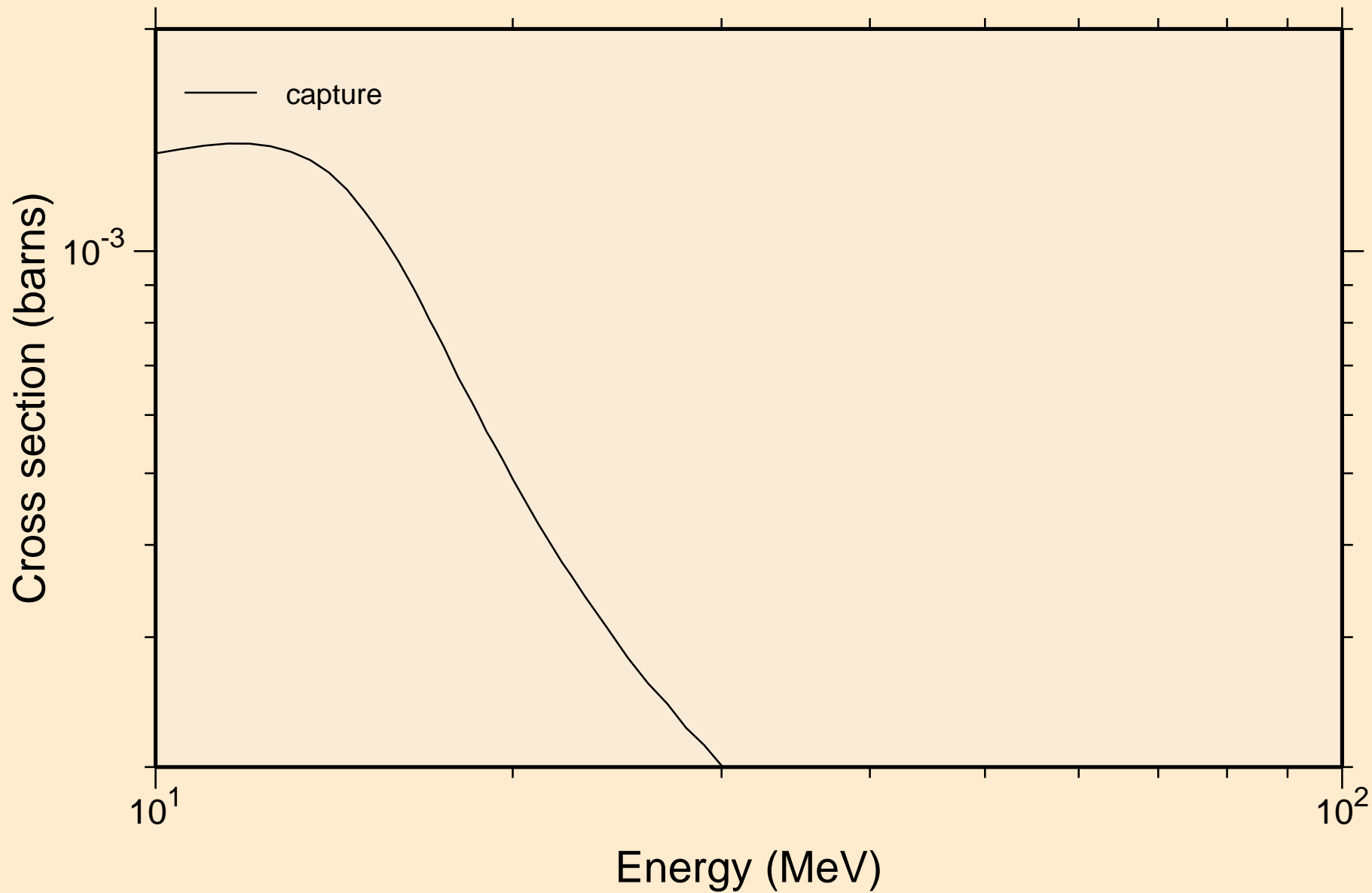


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

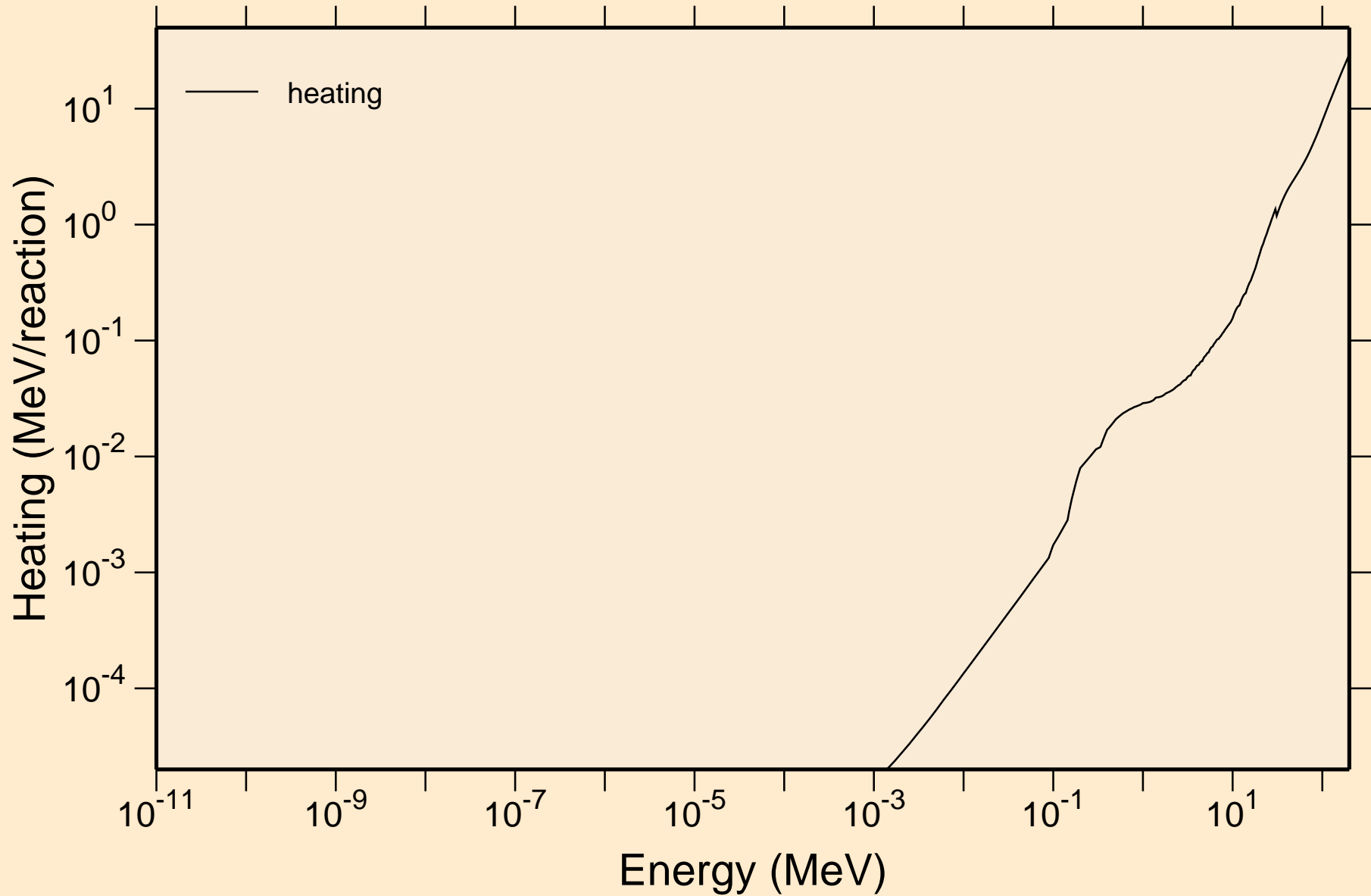




SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

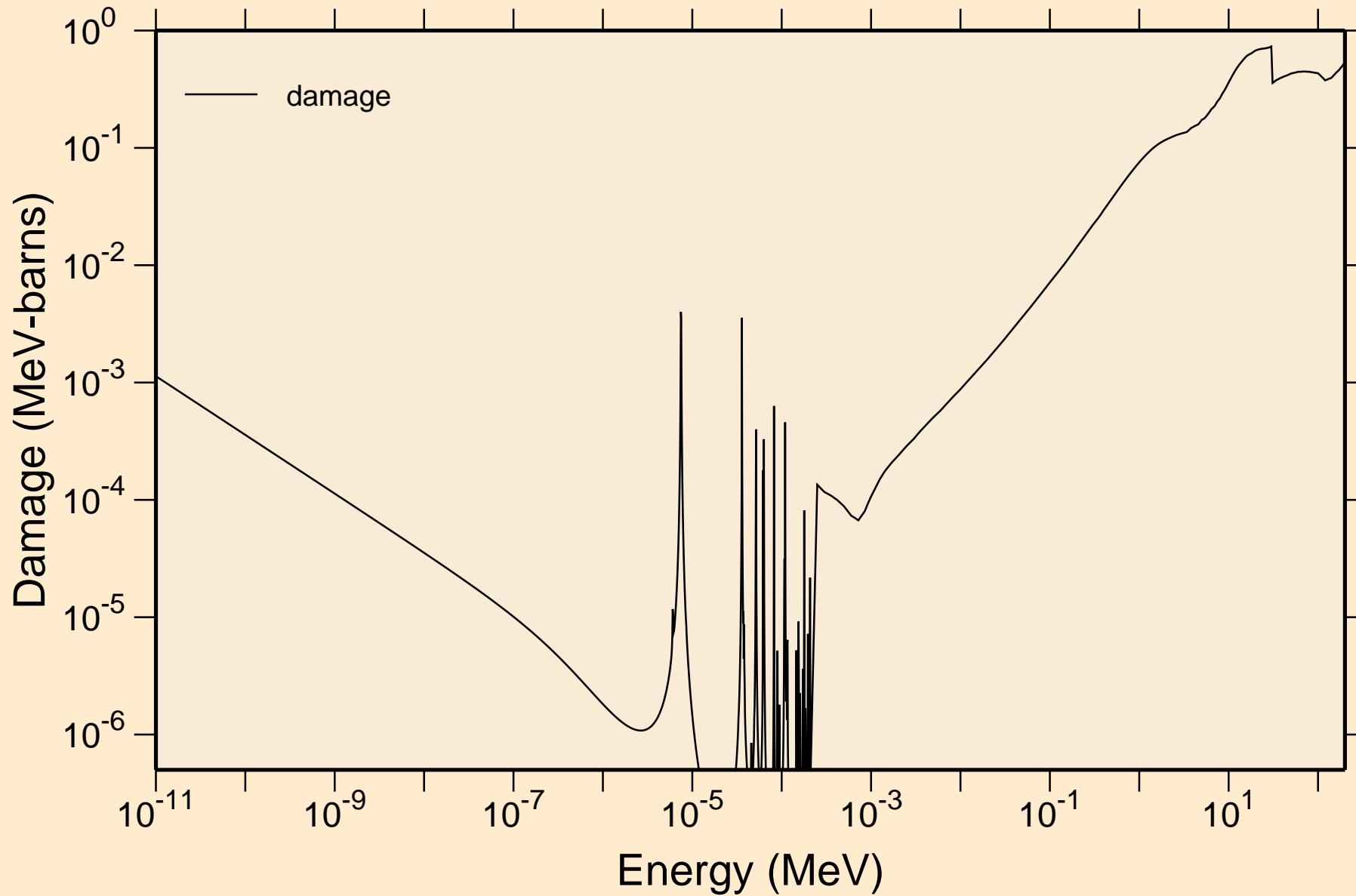


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



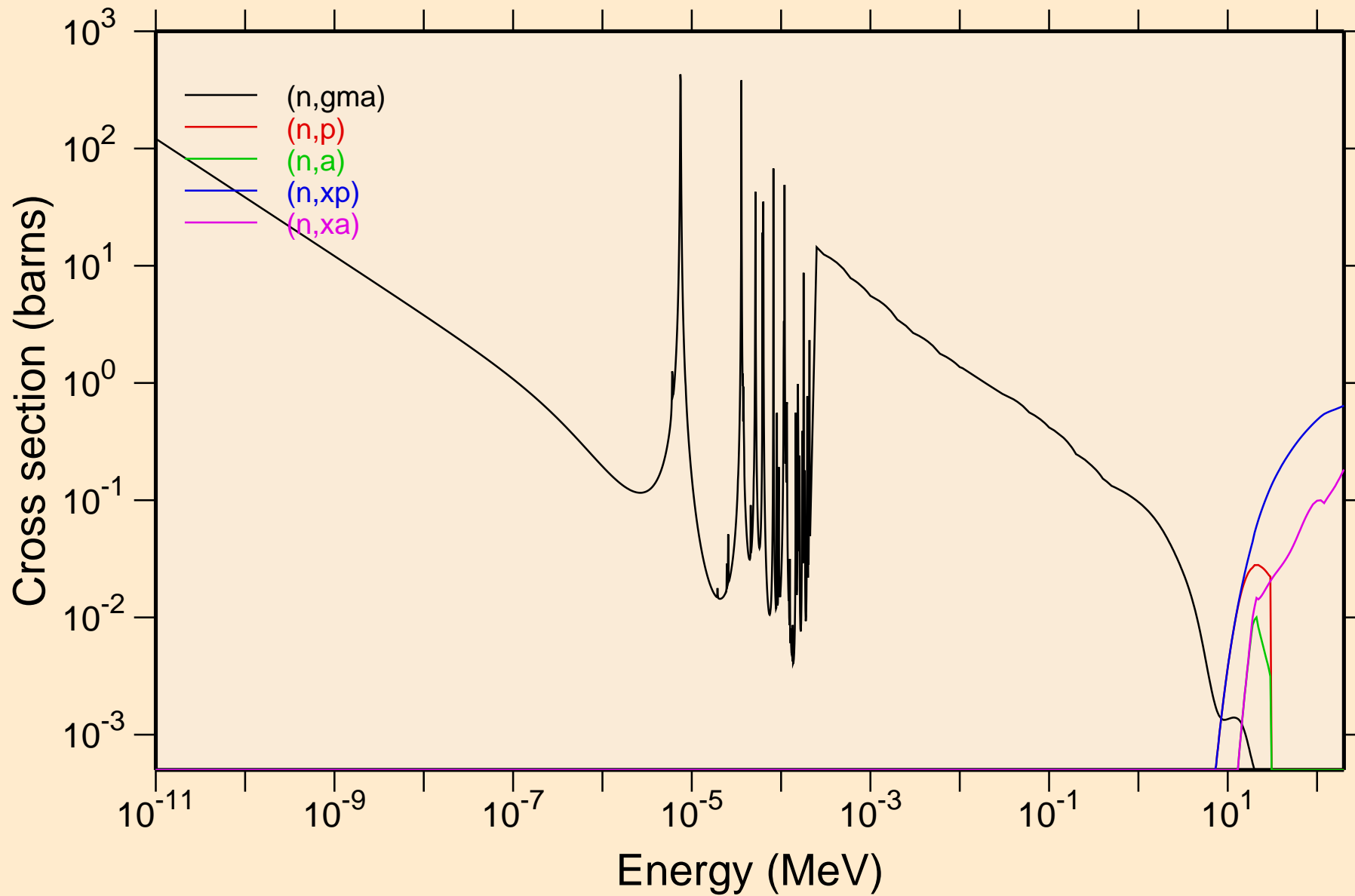
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



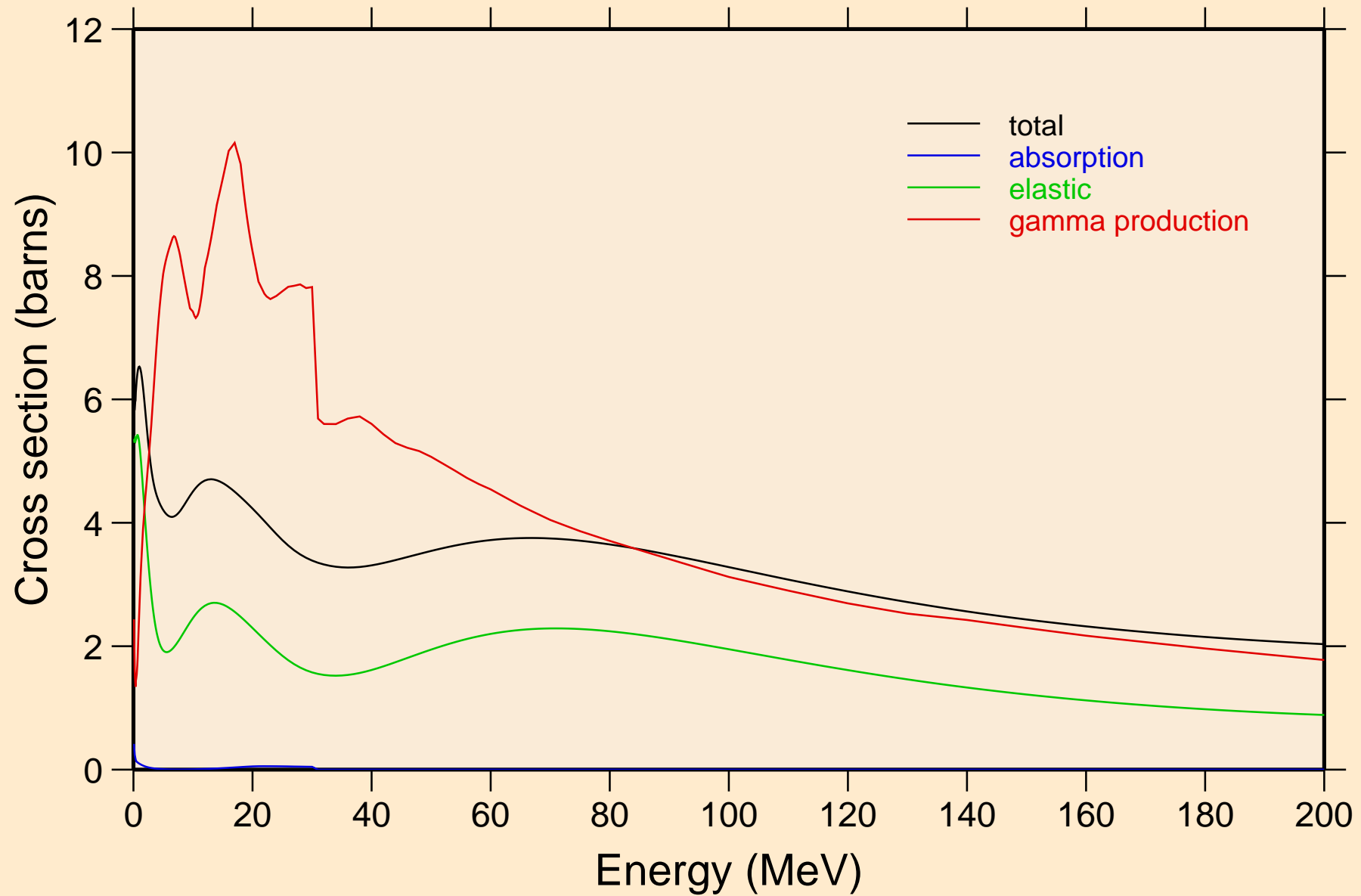
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



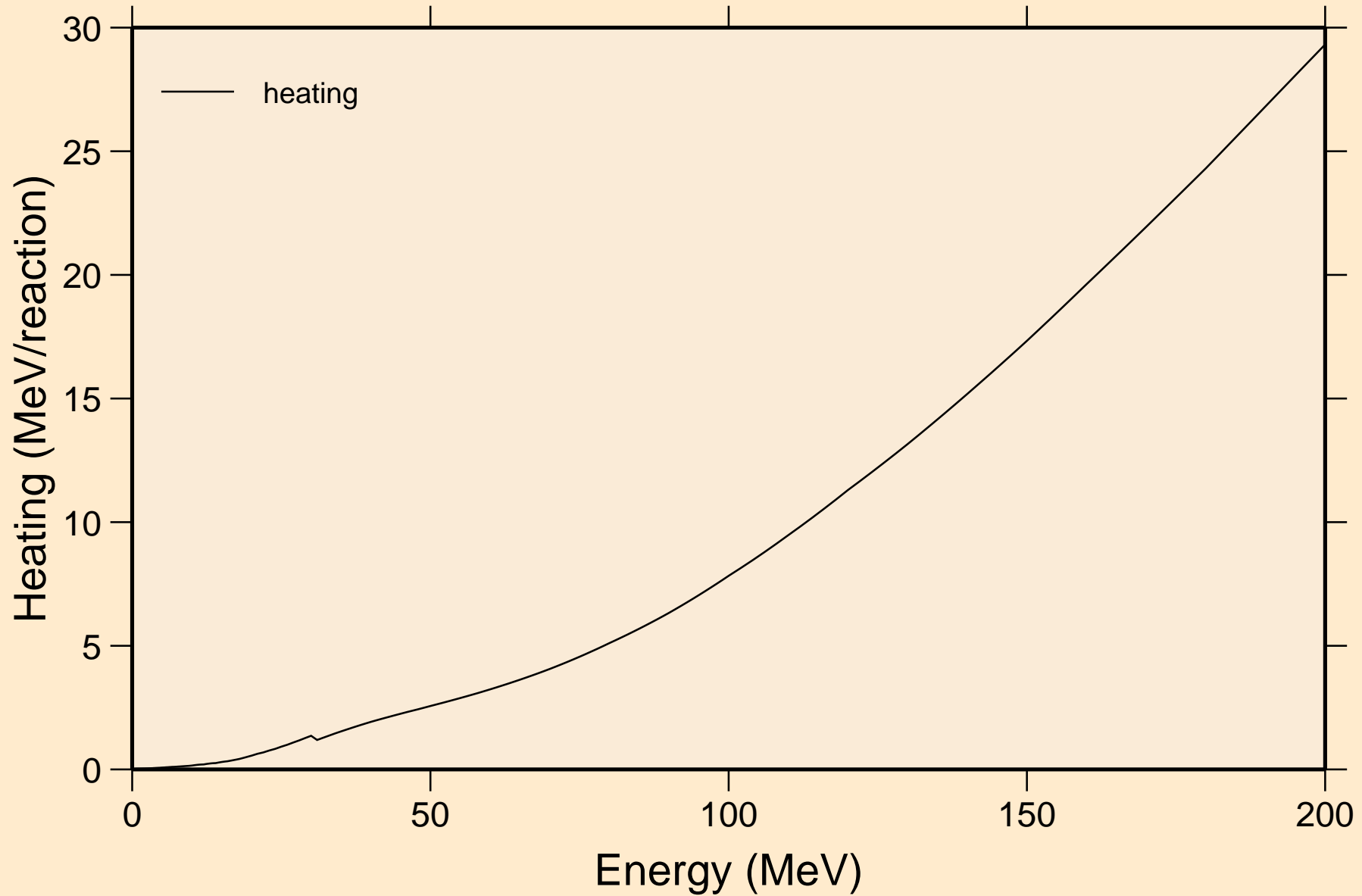
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



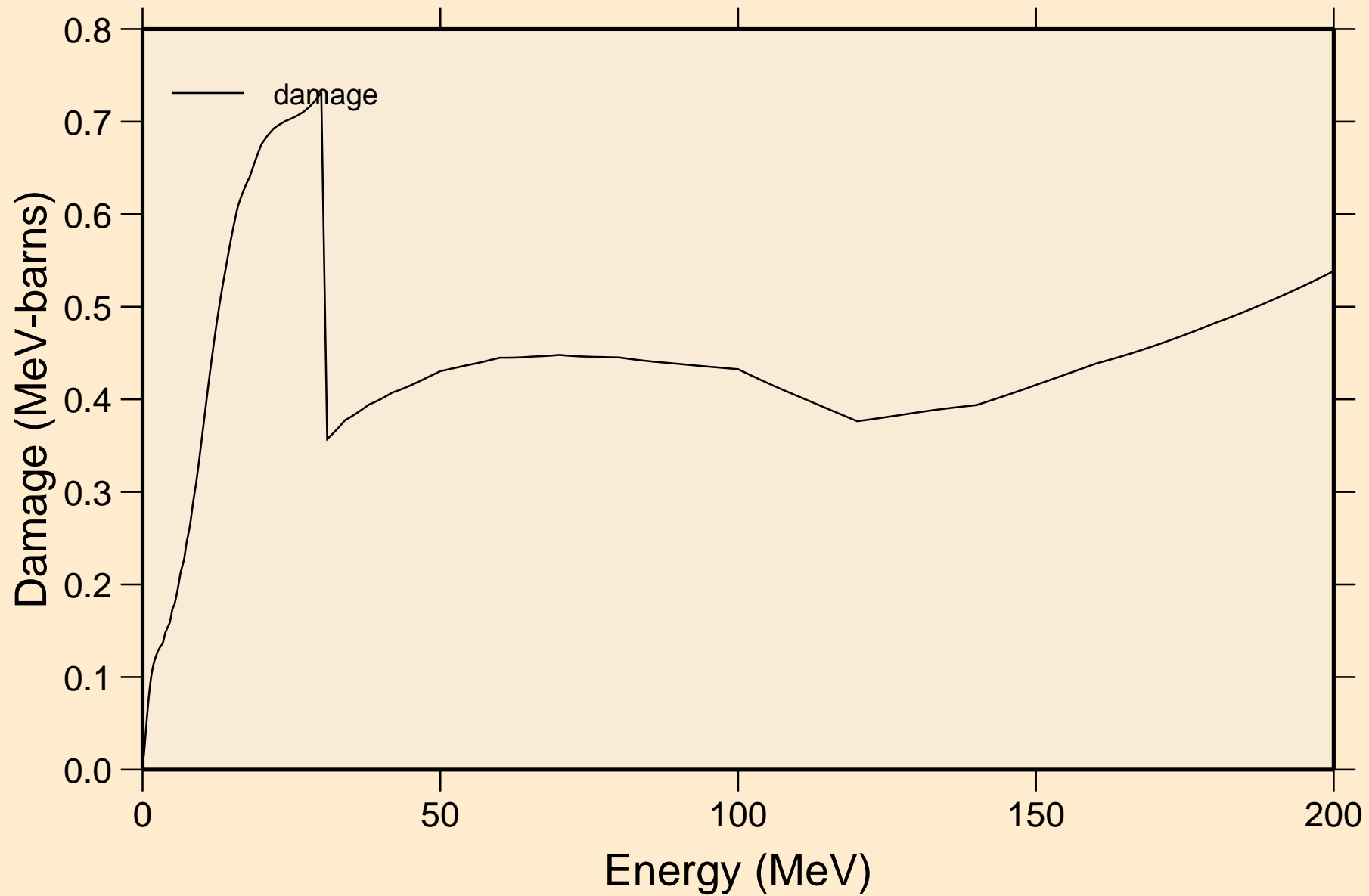
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



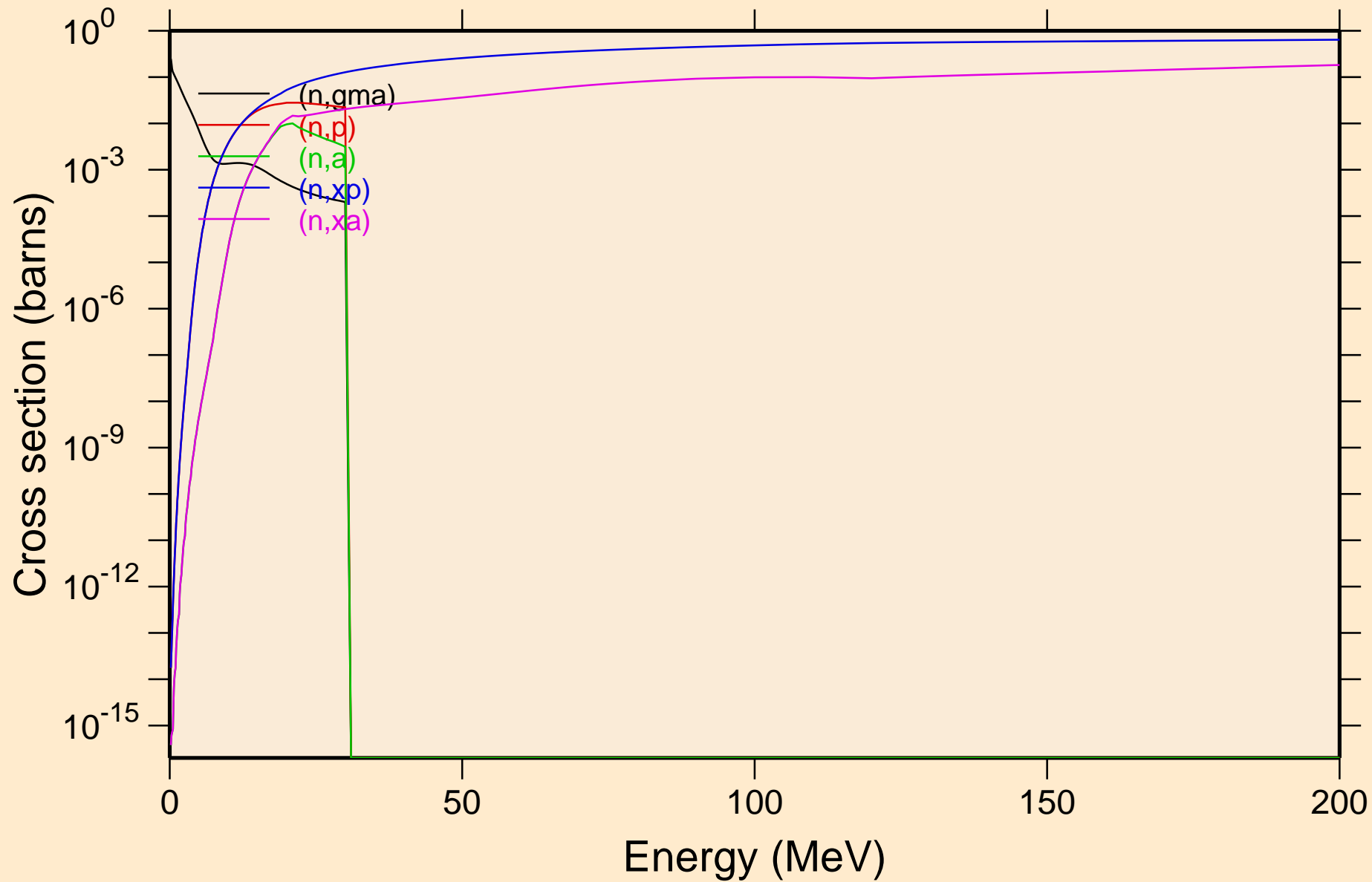
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



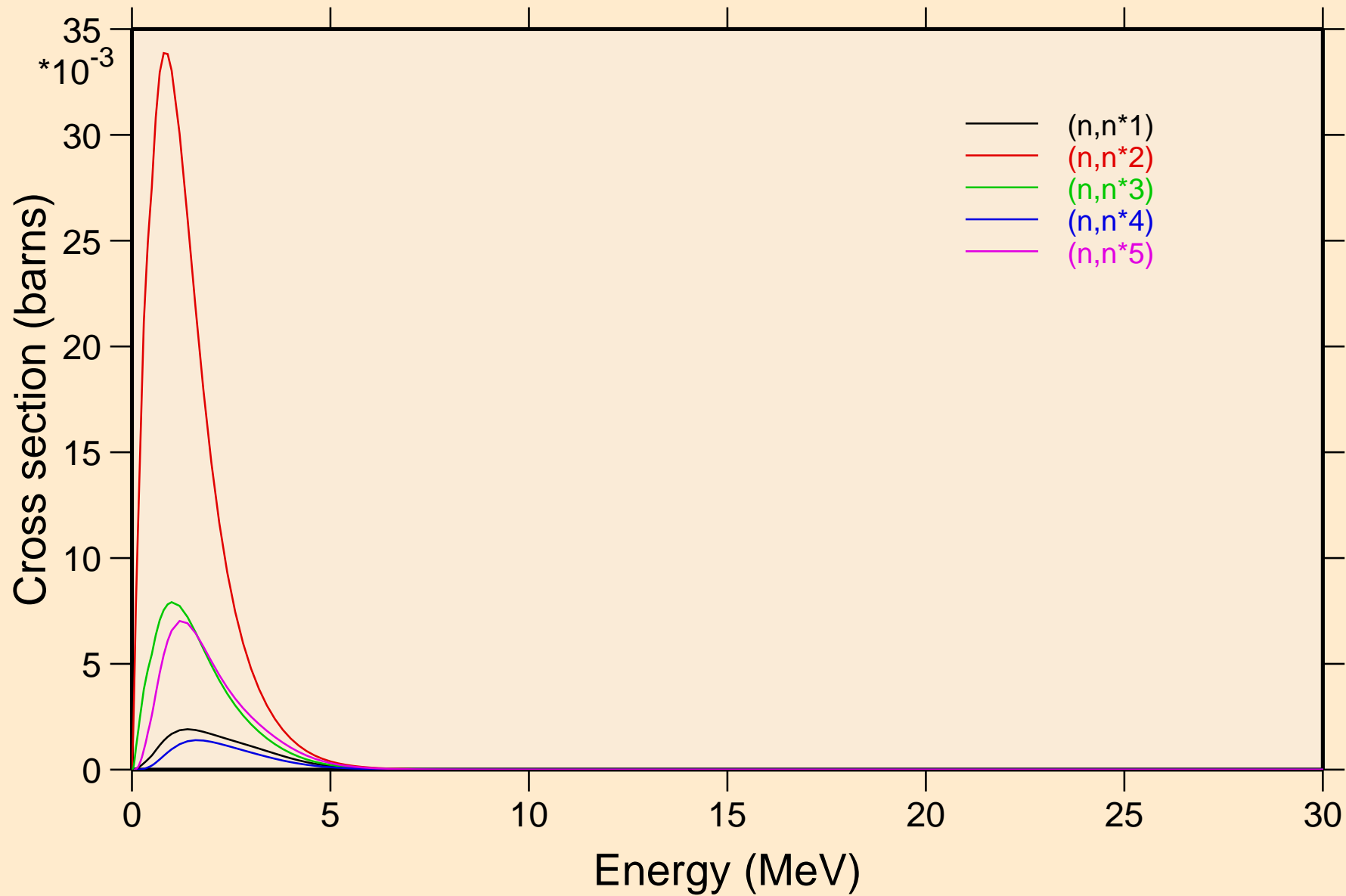
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

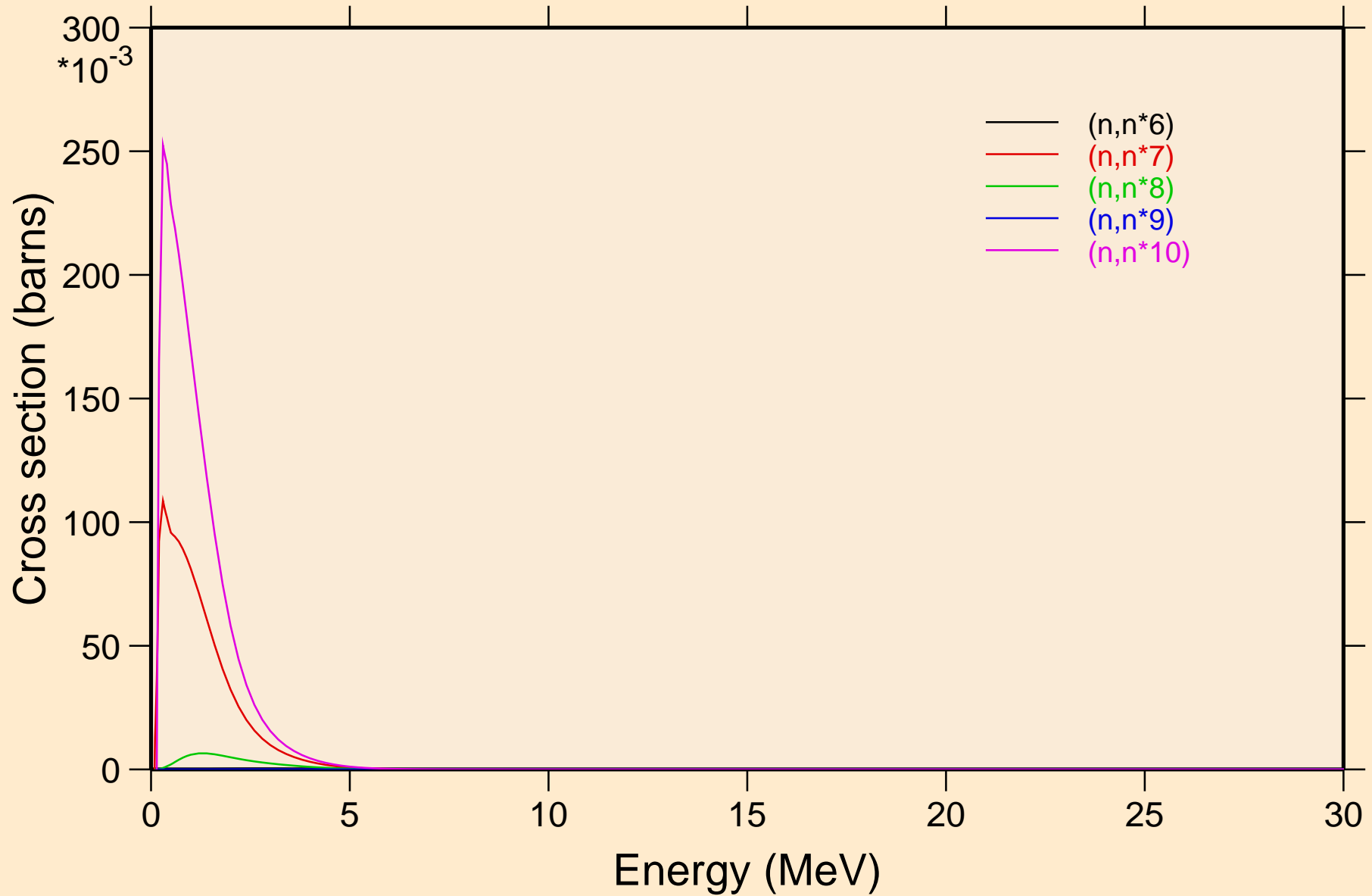




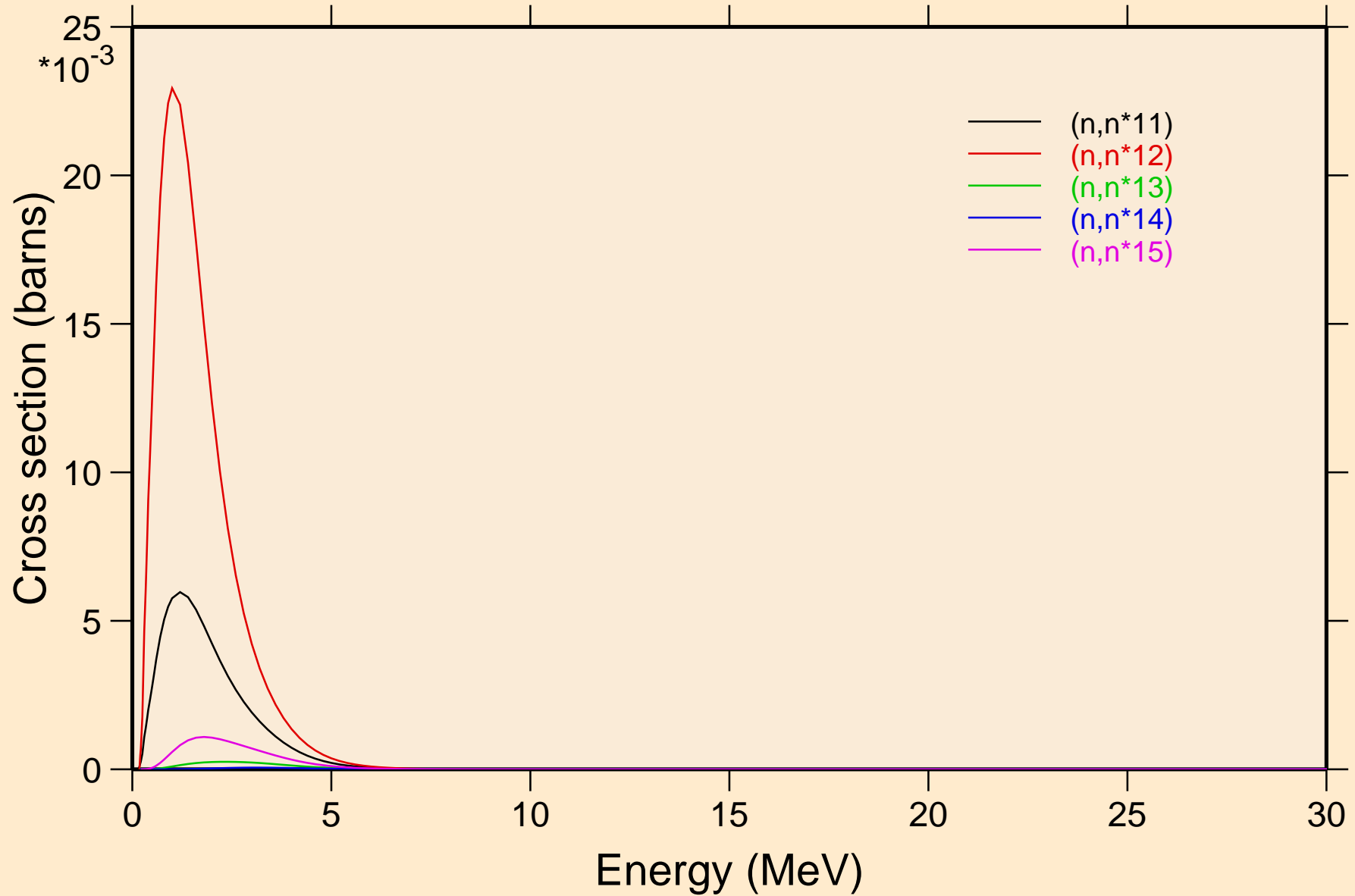
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

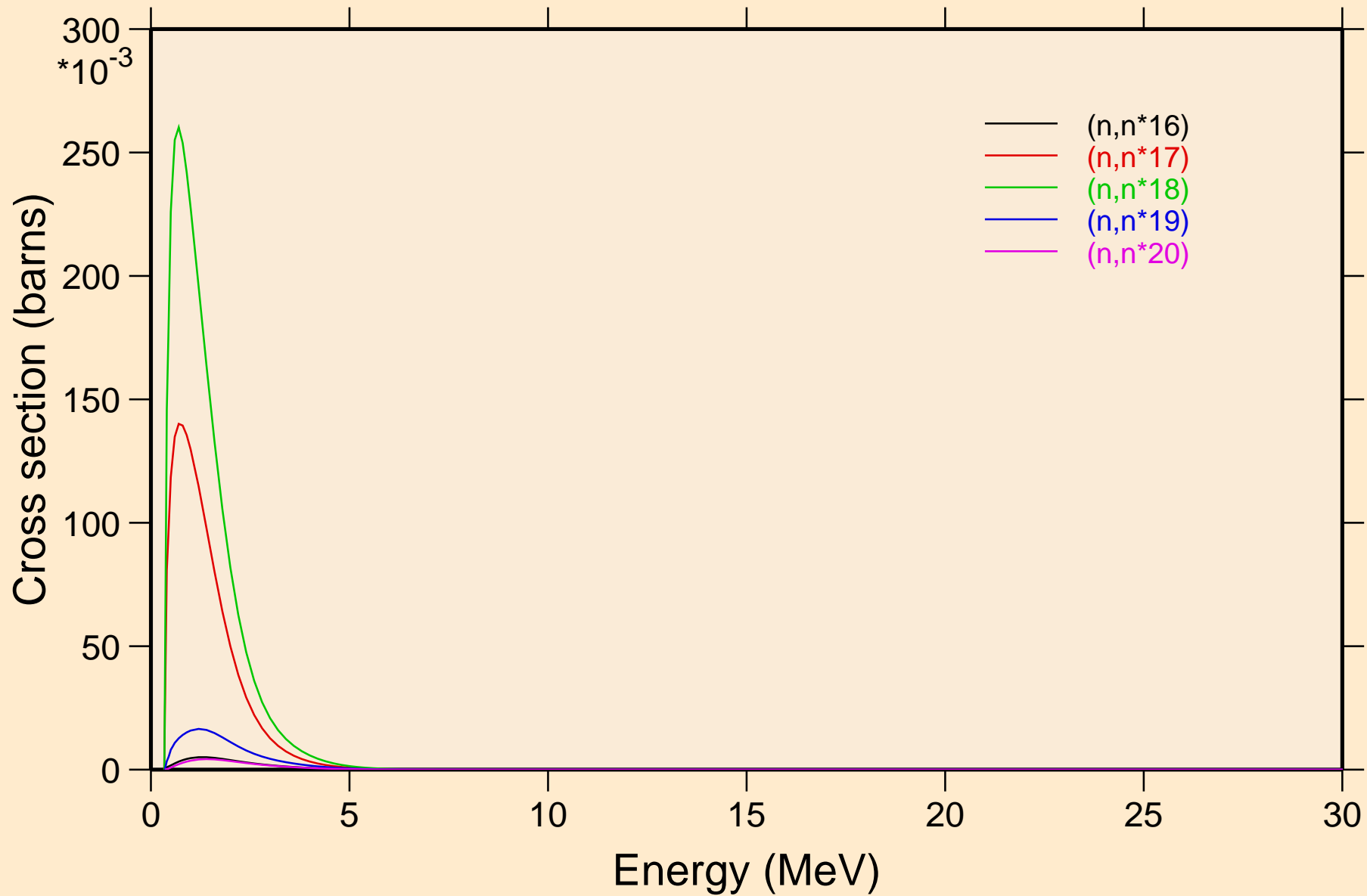


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

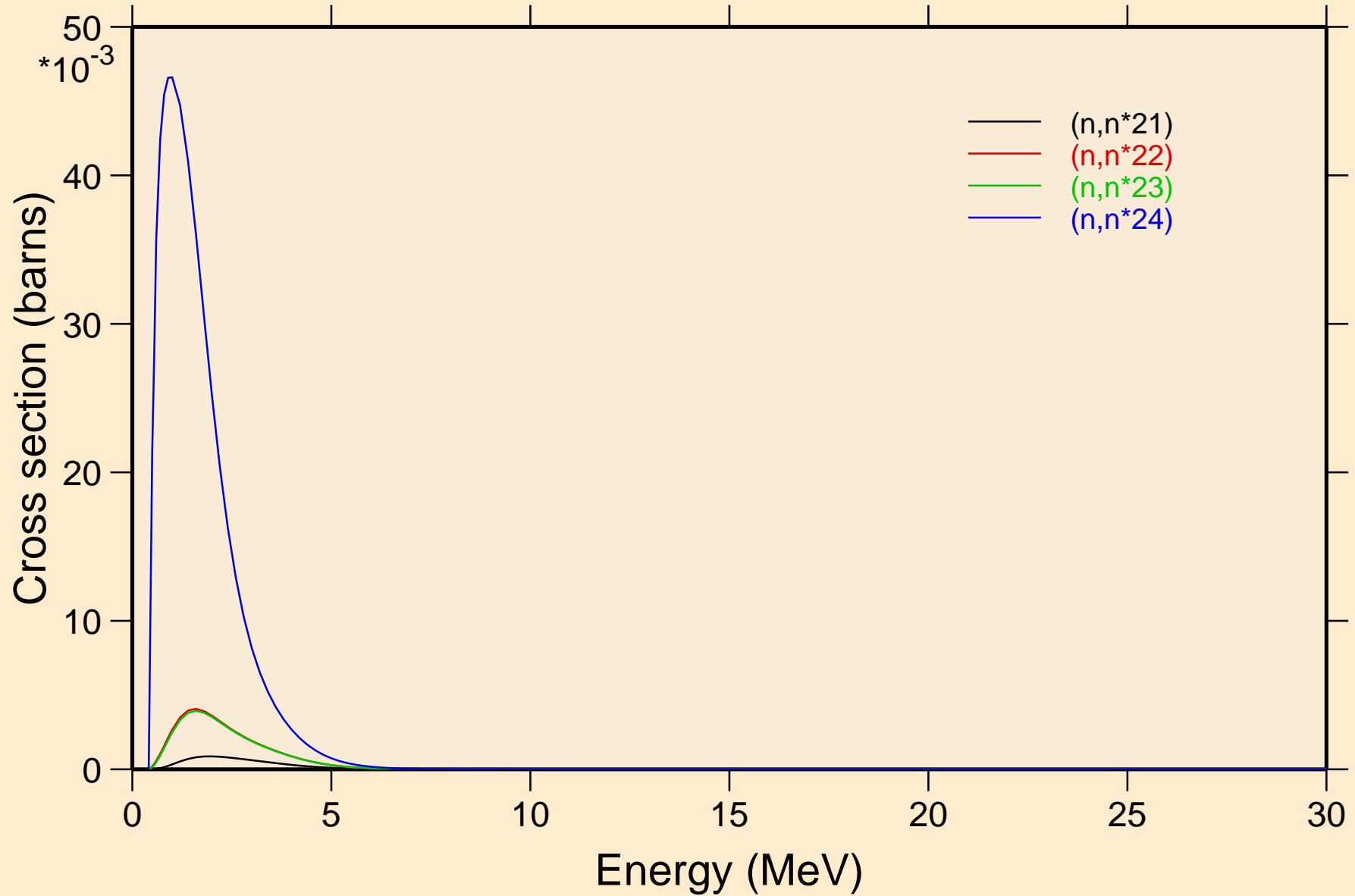


# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

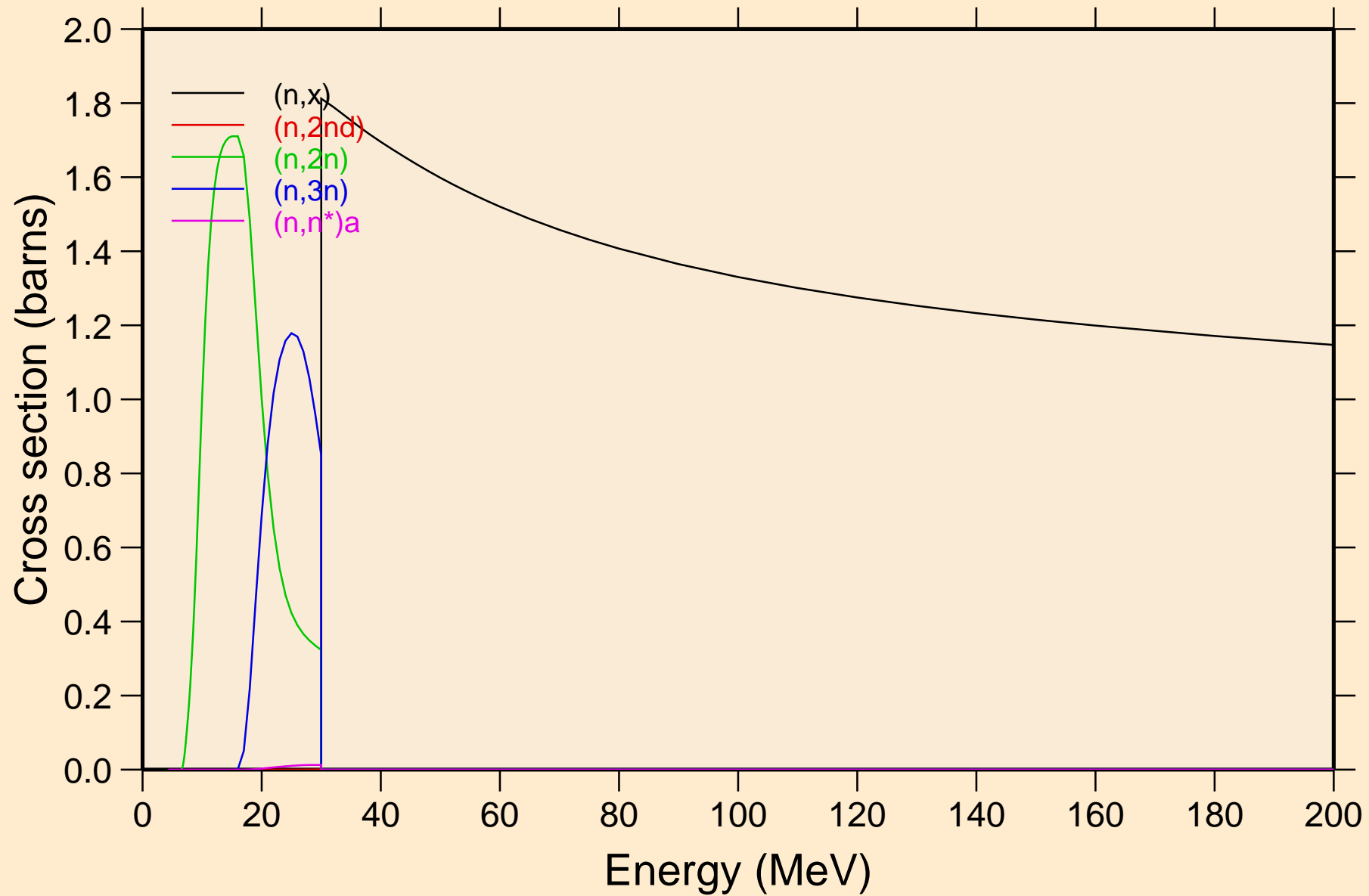


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



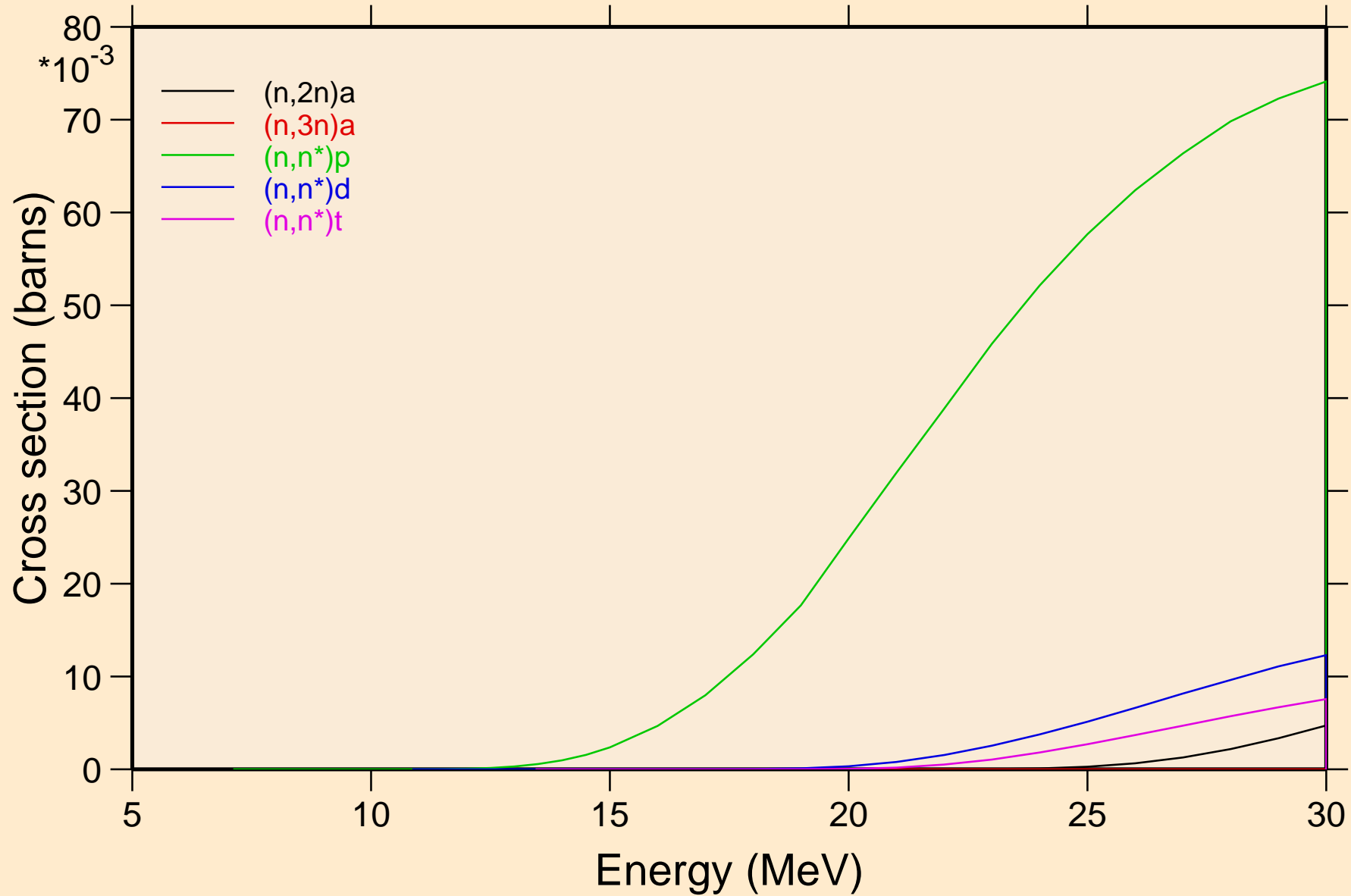
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



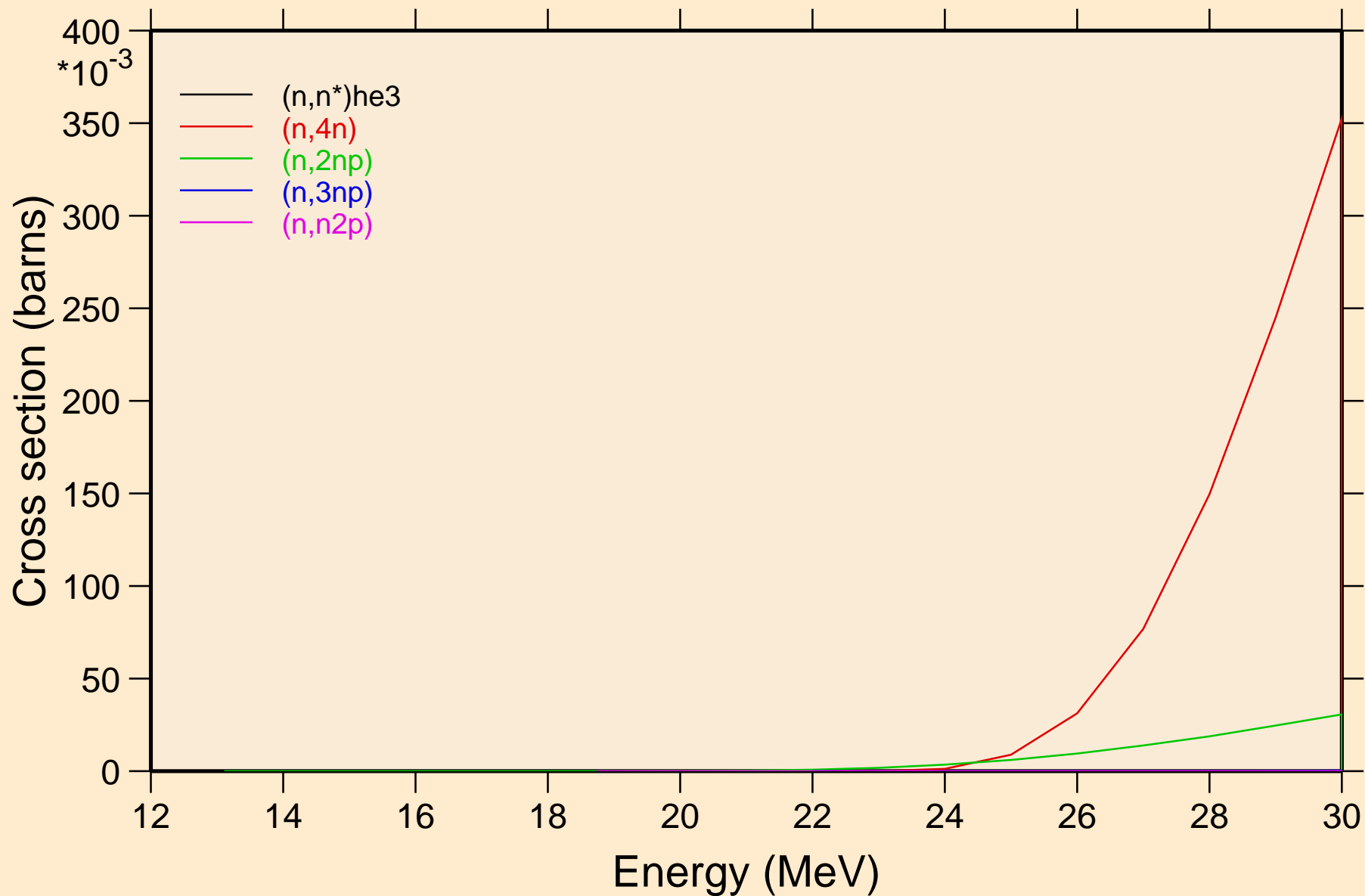
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

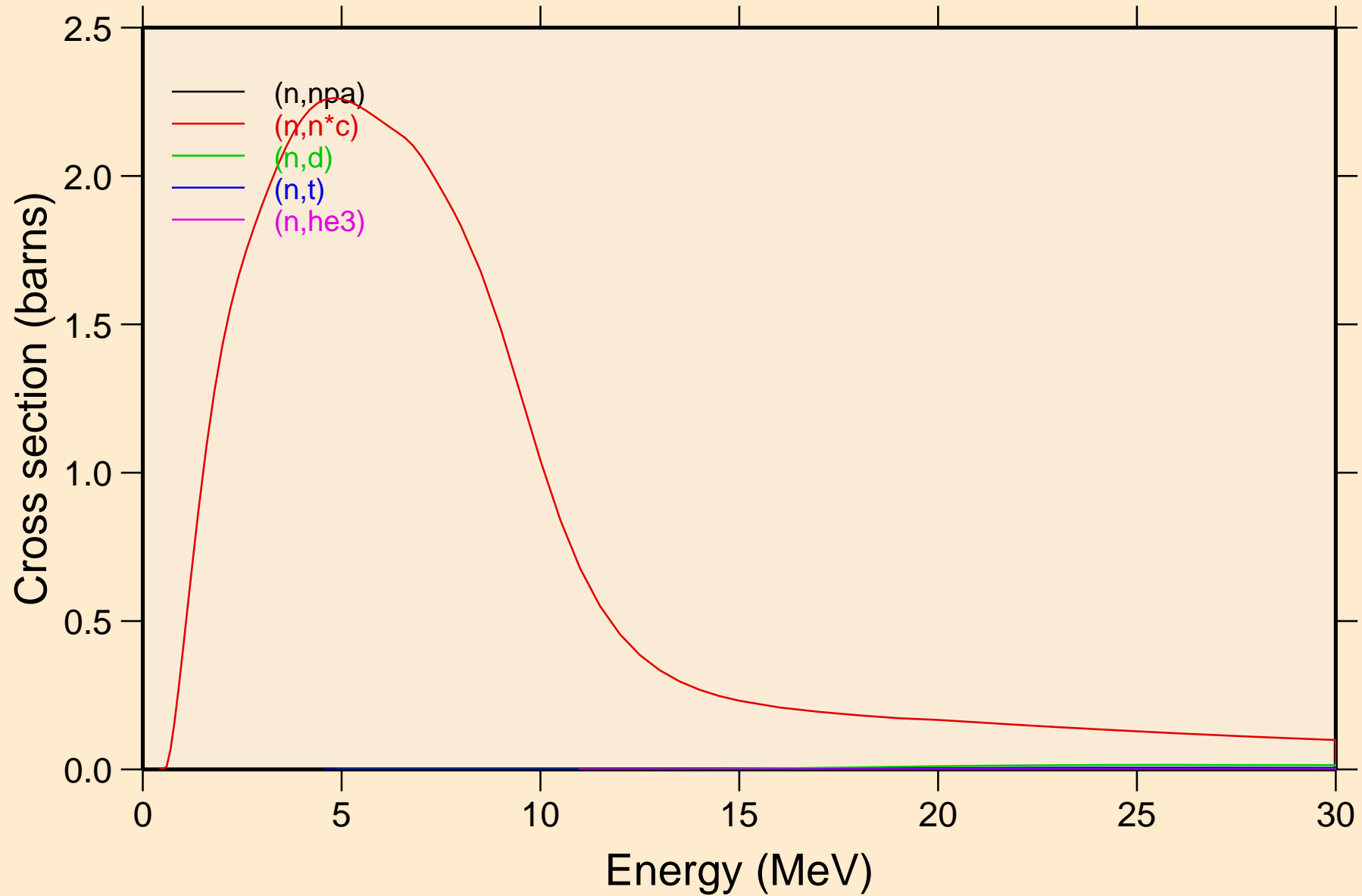
## Threshold reactions





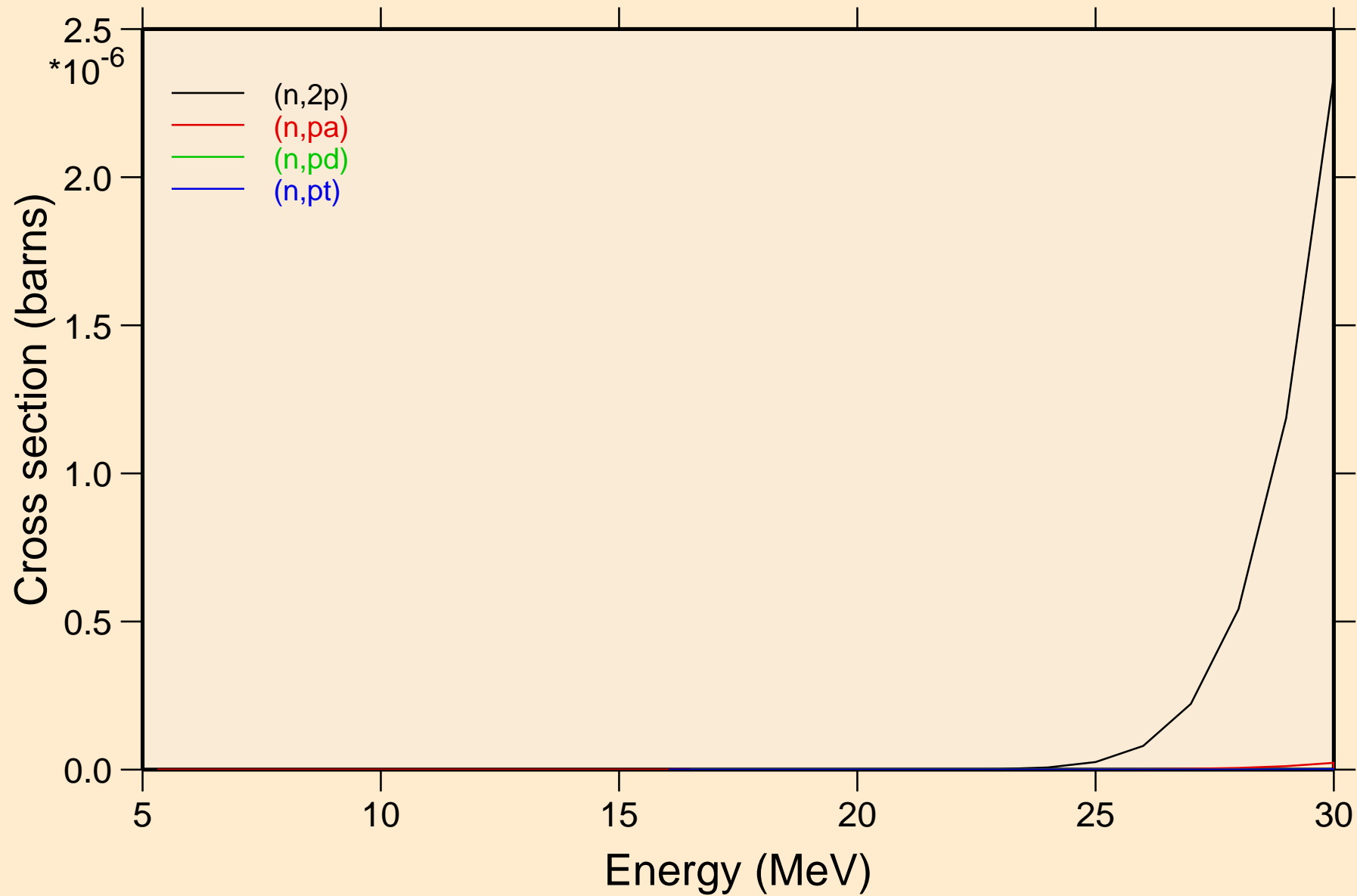
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



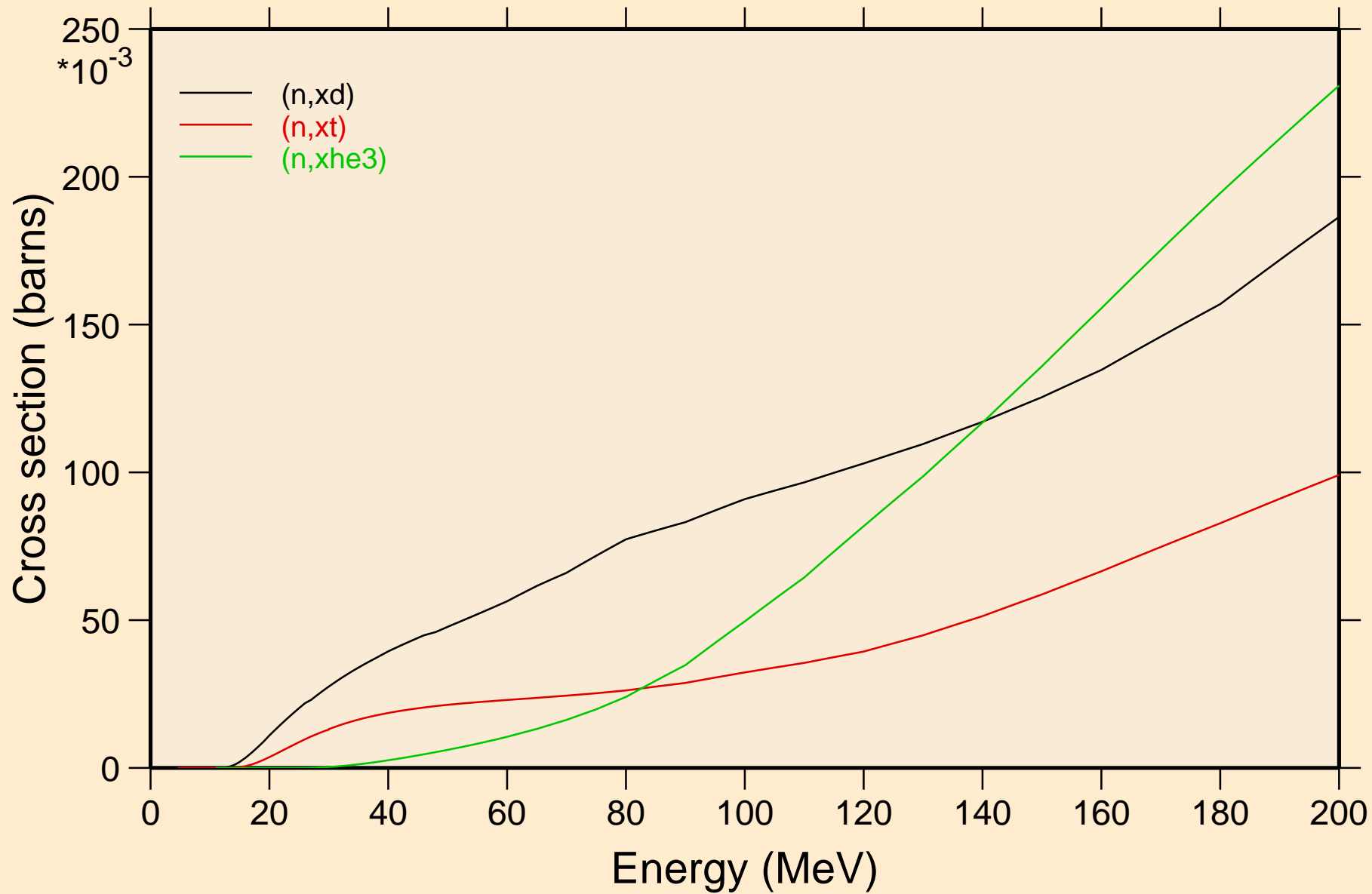
# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

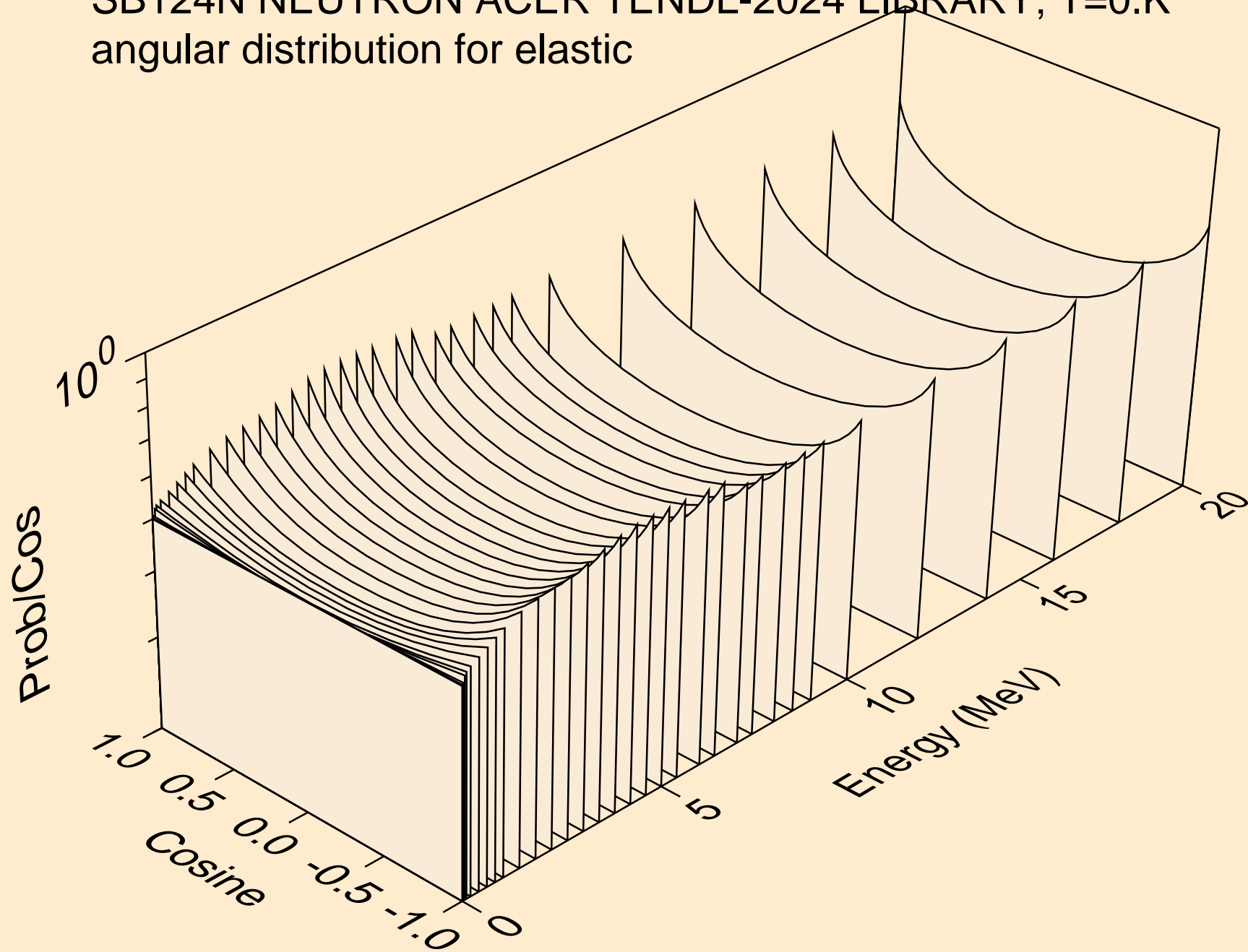


# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

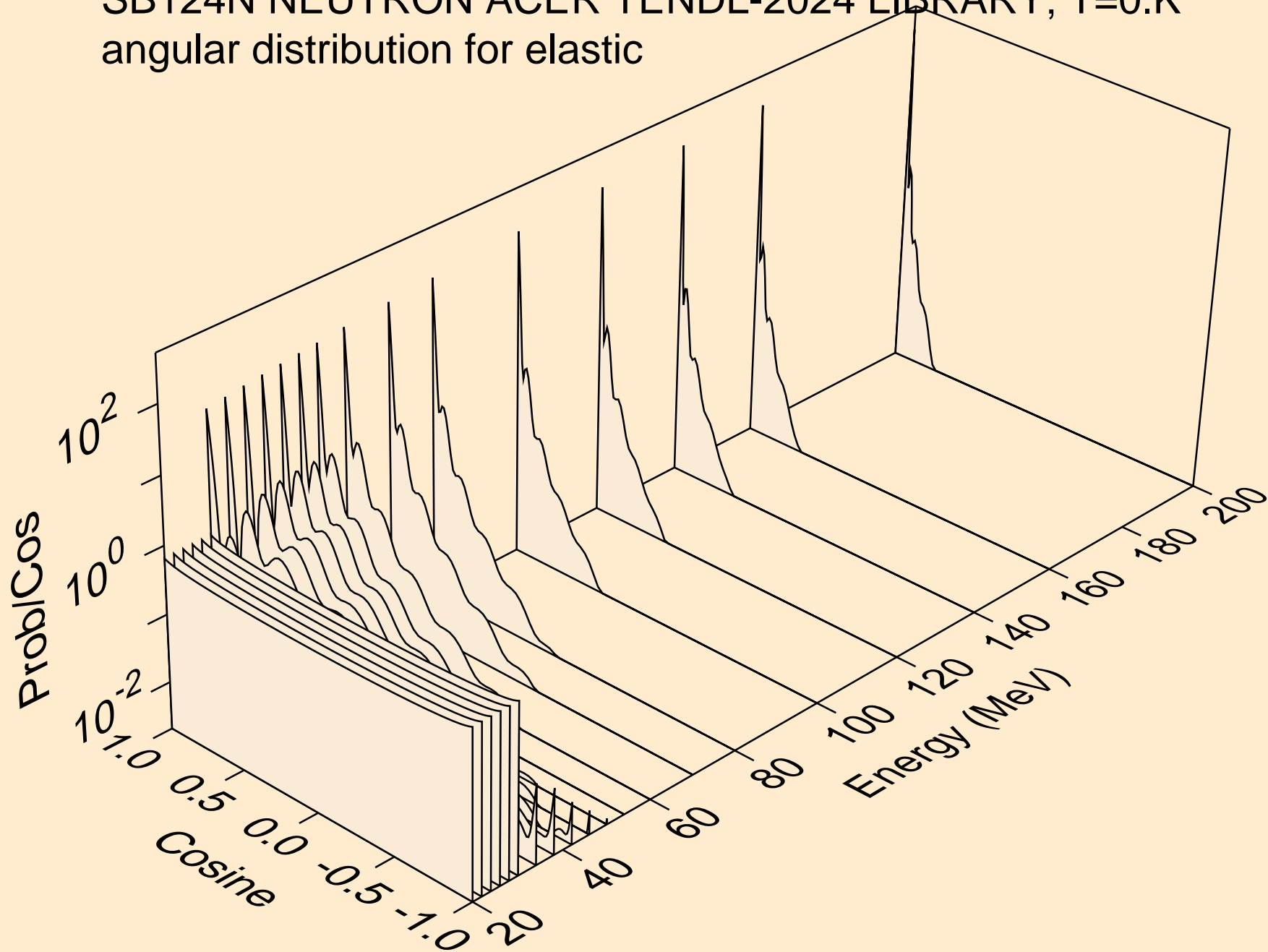
## Threshold reactions



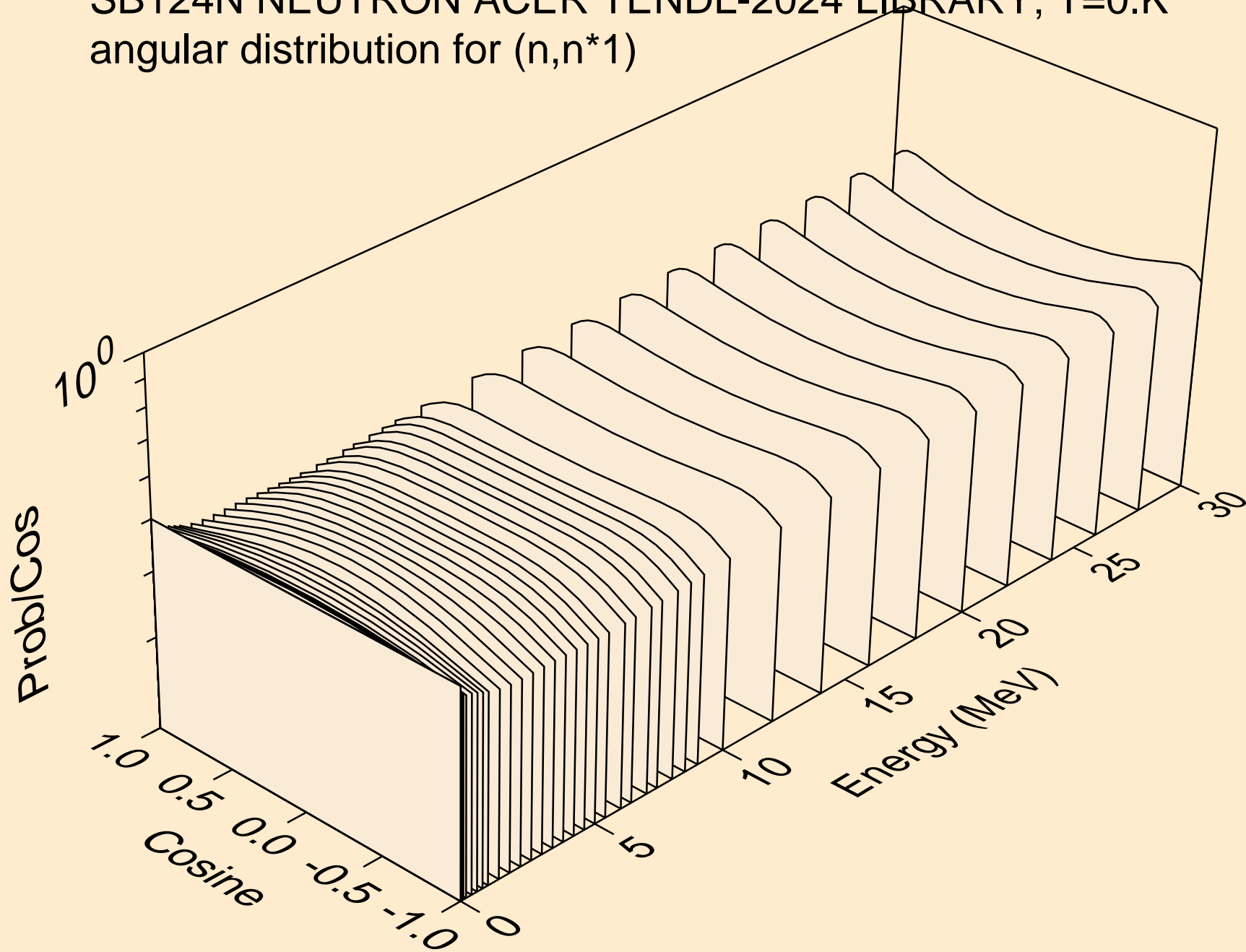
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



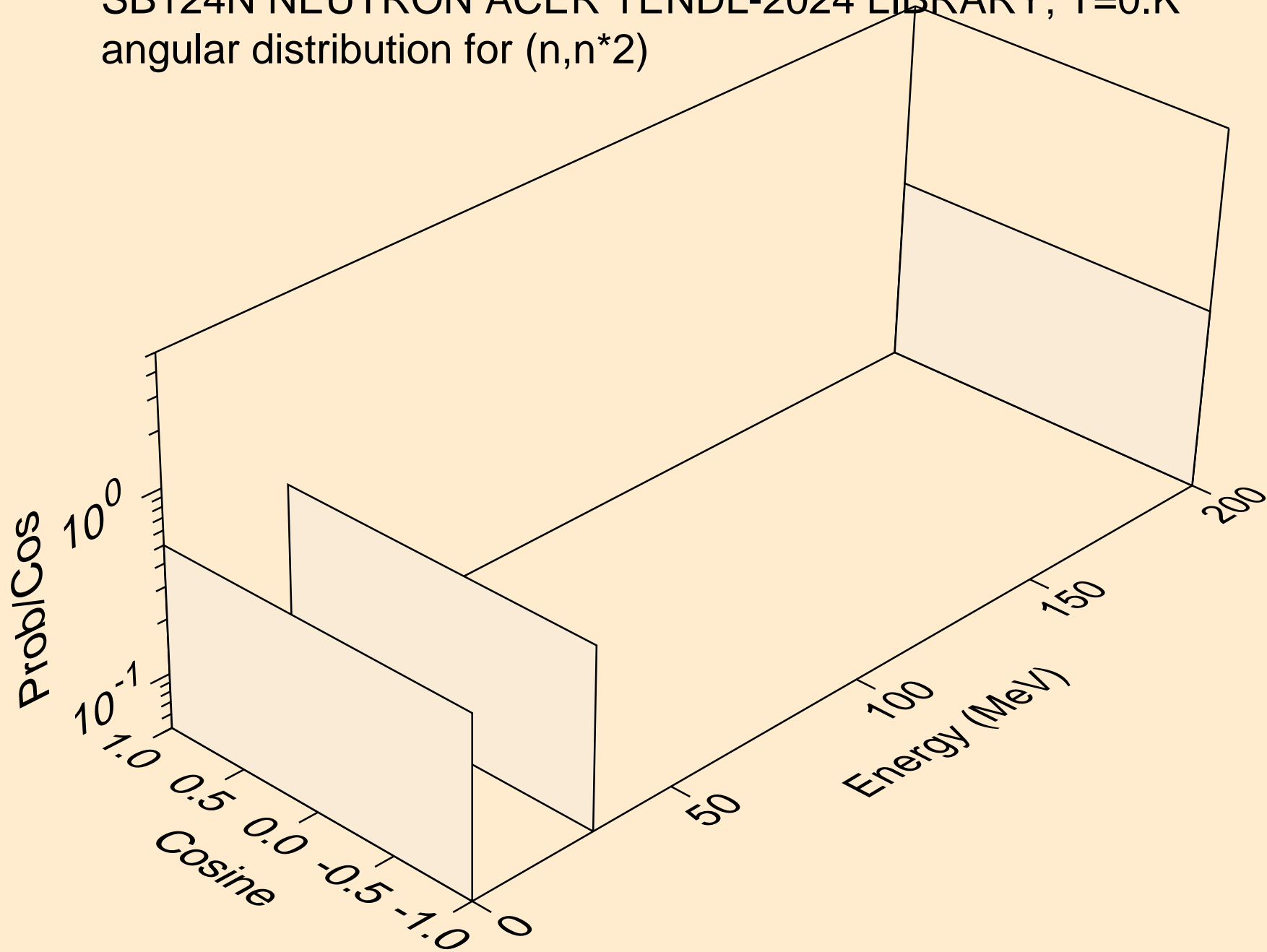
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



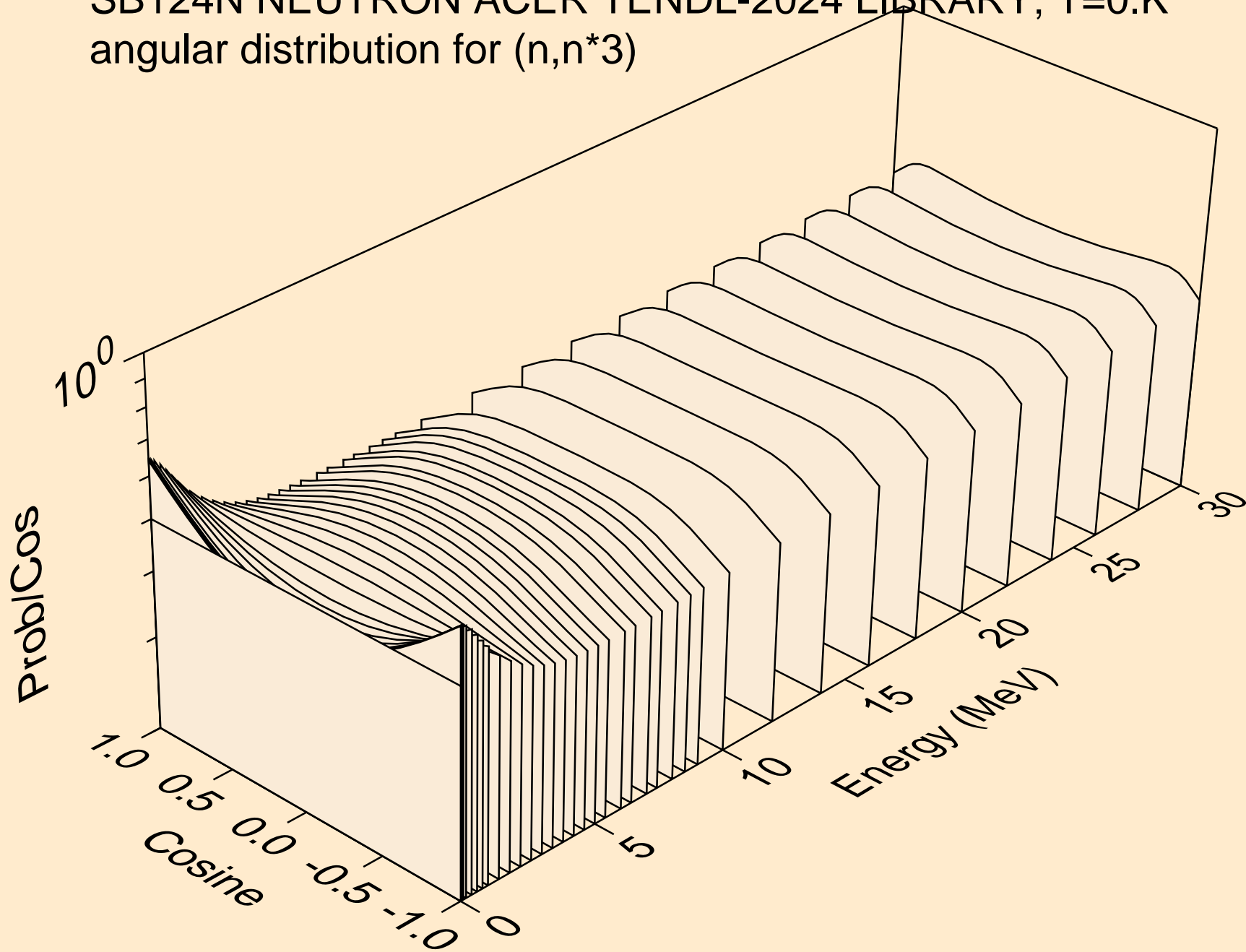
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

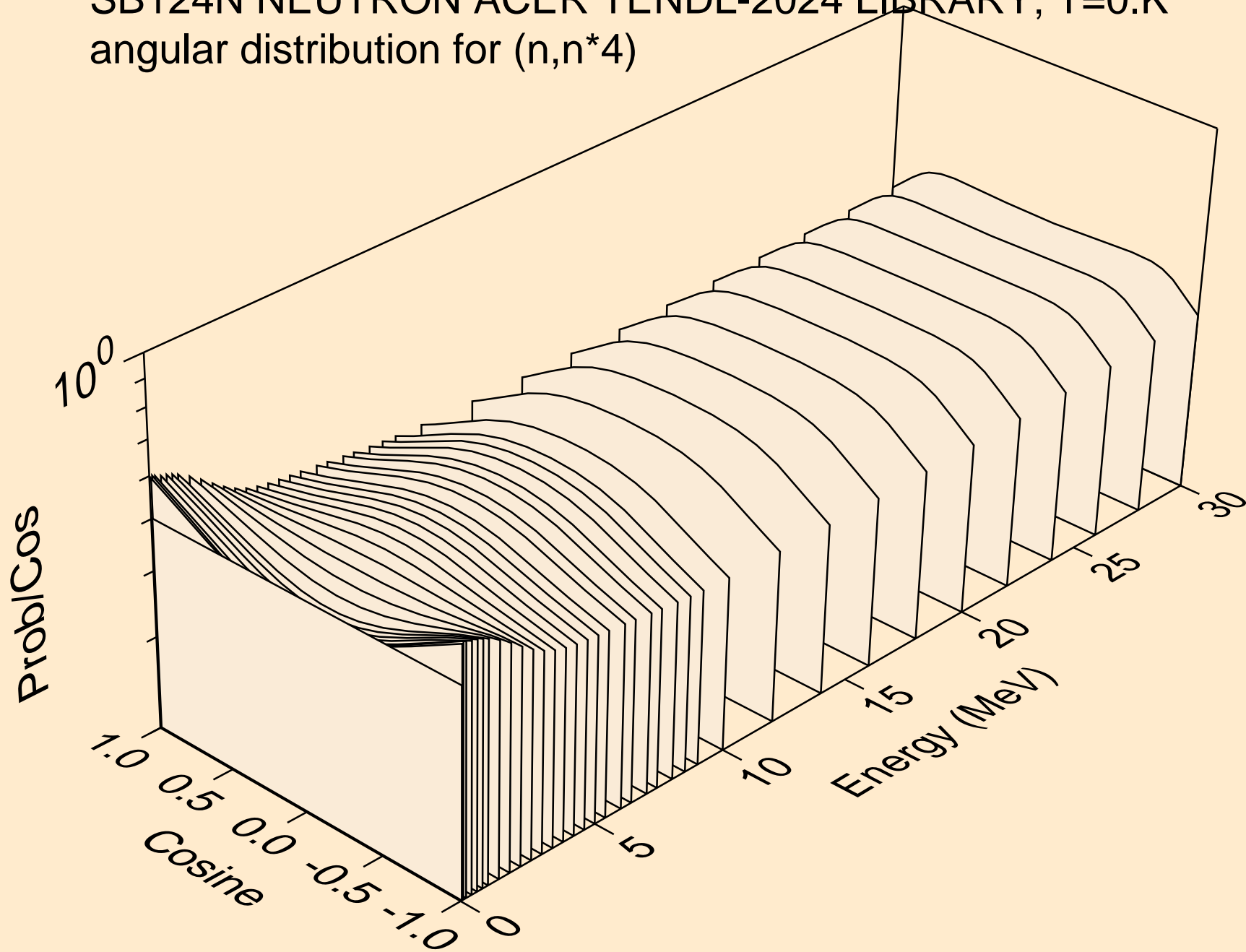


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

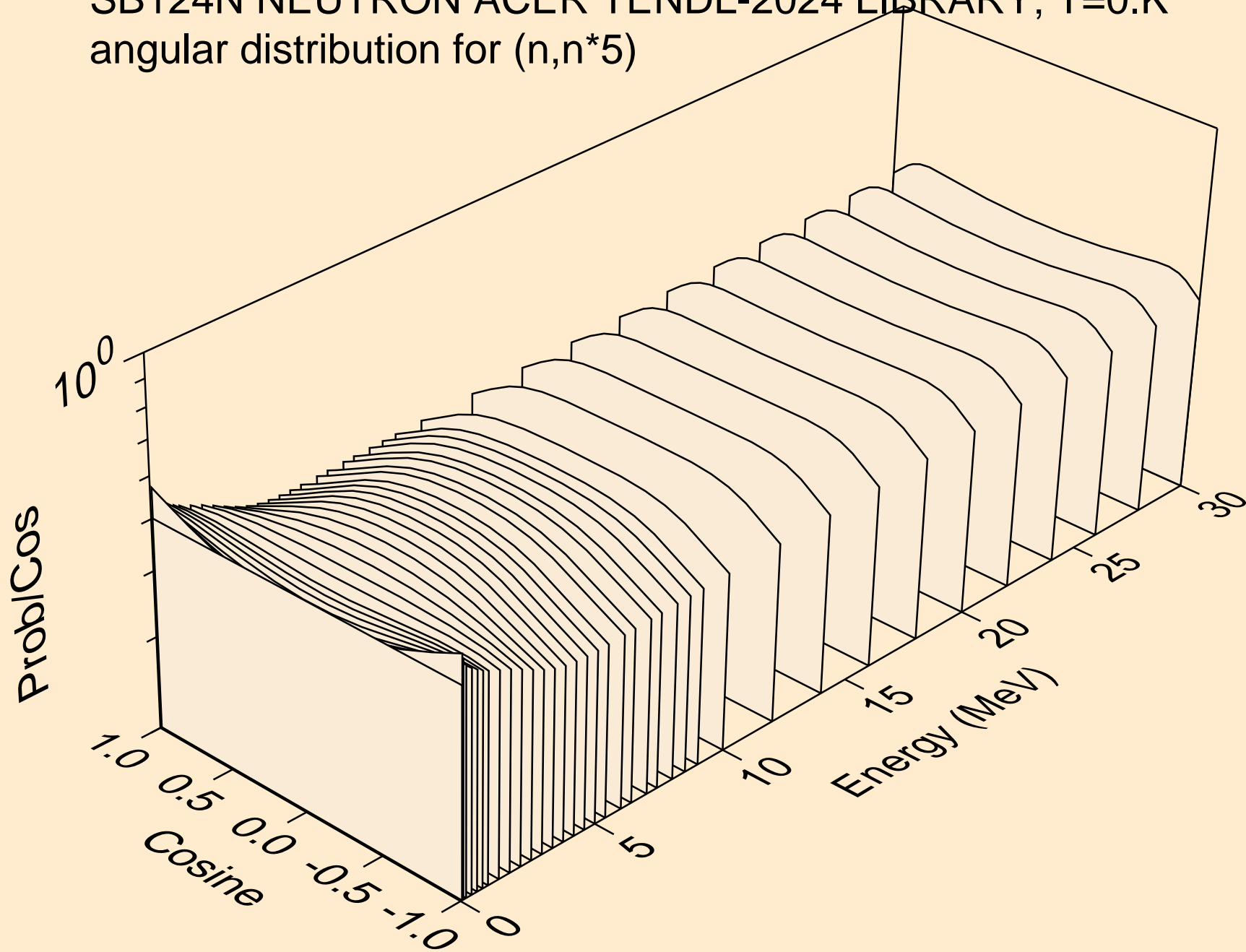




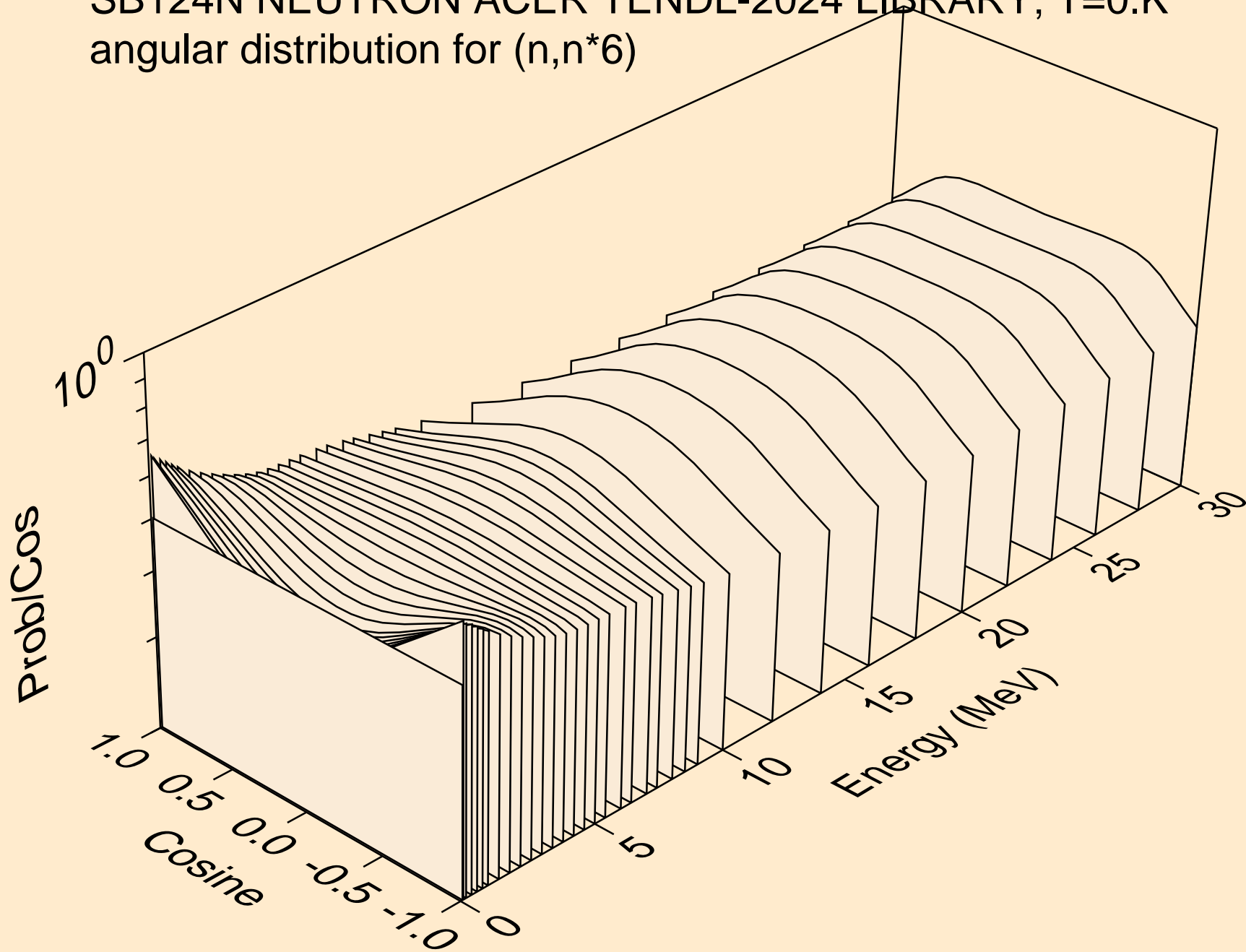
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



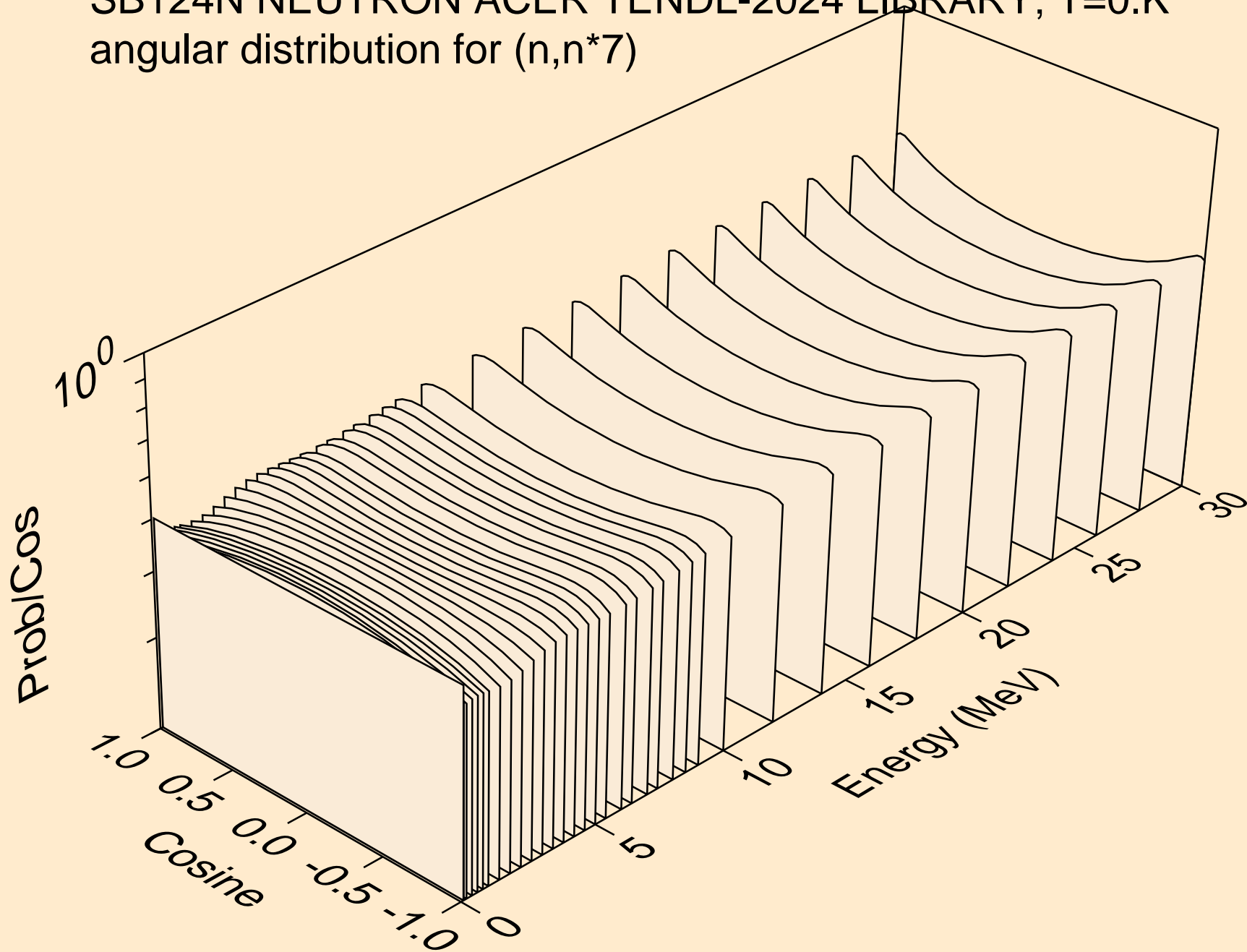
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



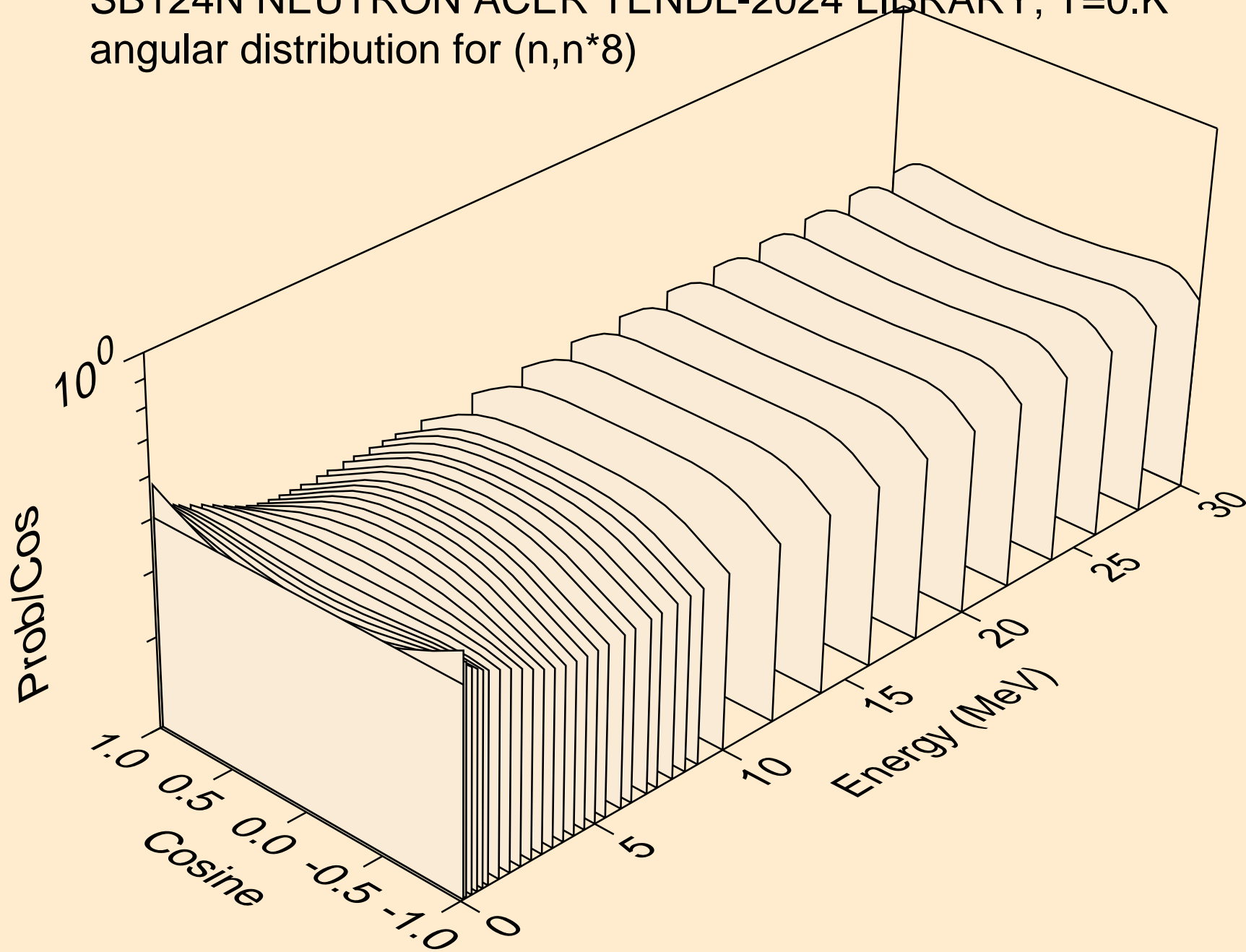
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angular distribution for (n,n\*6)



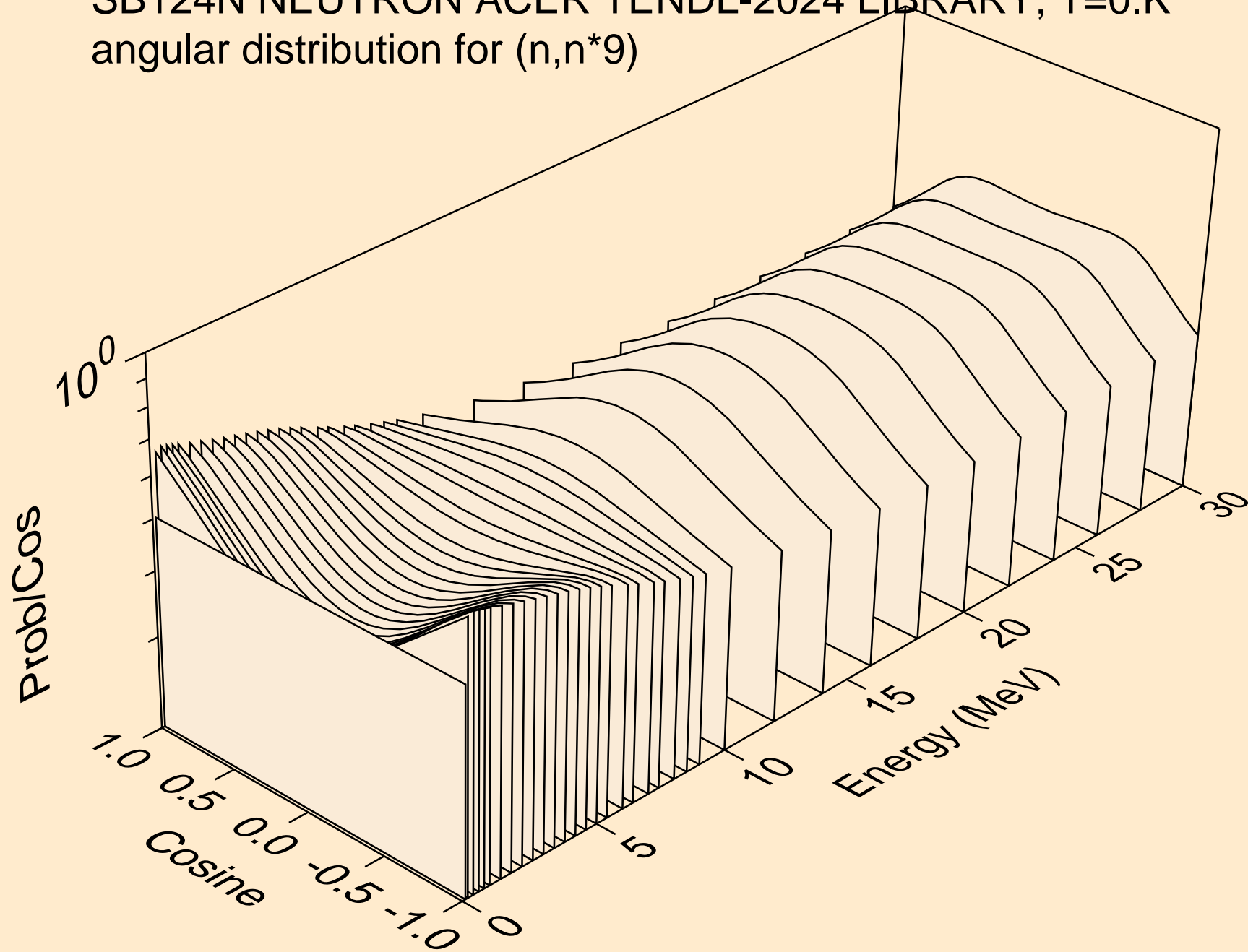
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angular distribution for (n,n\*7)



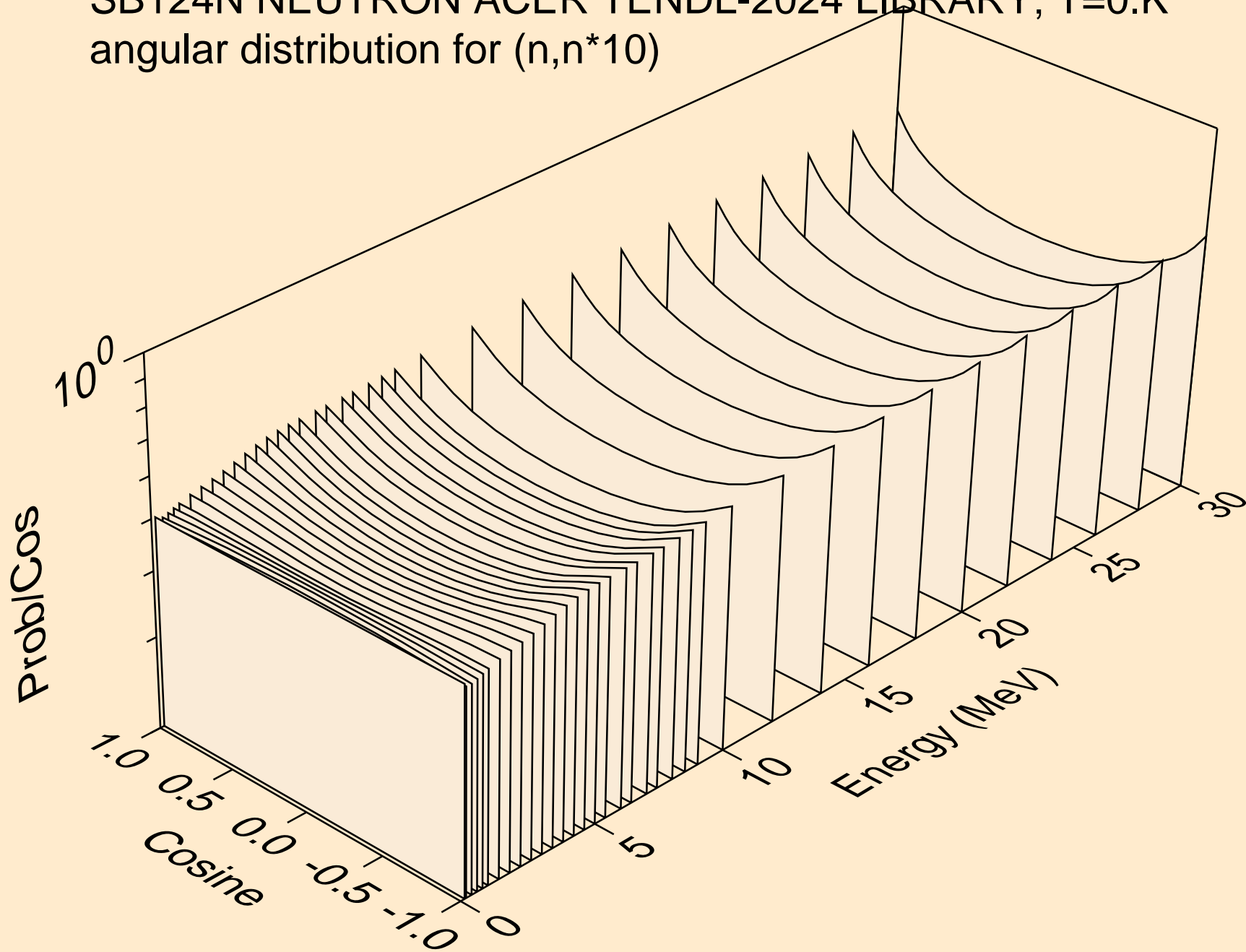
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



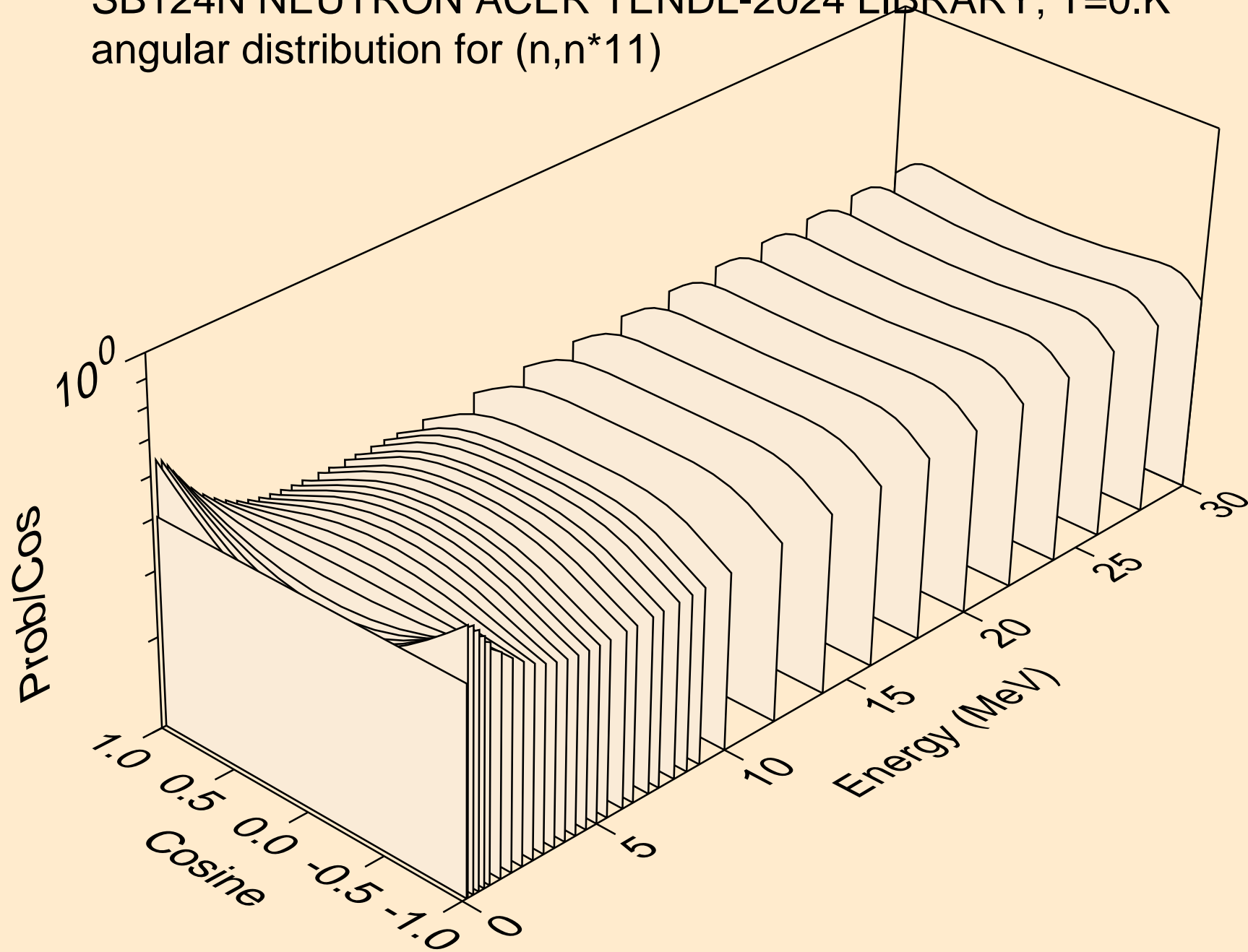
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

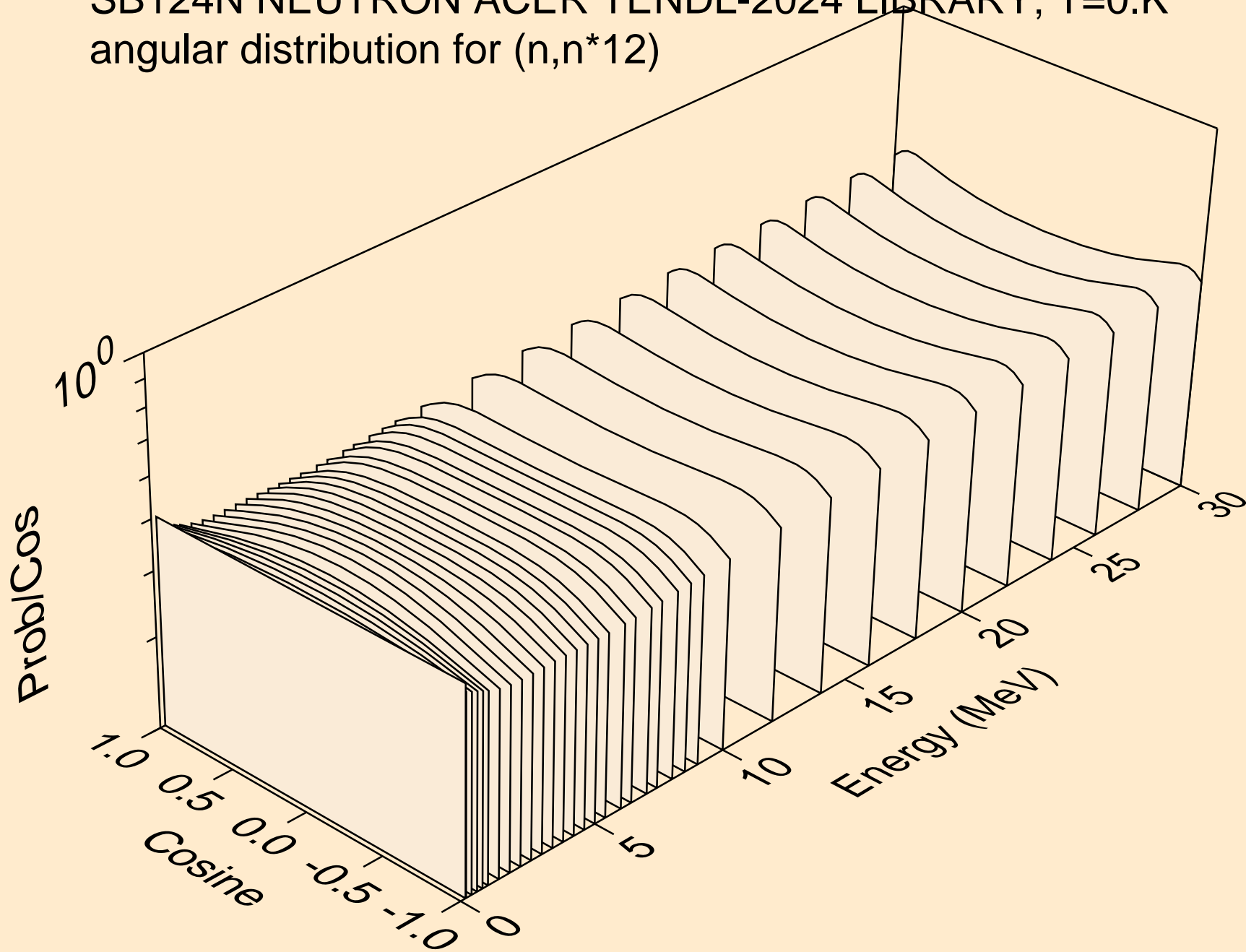


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

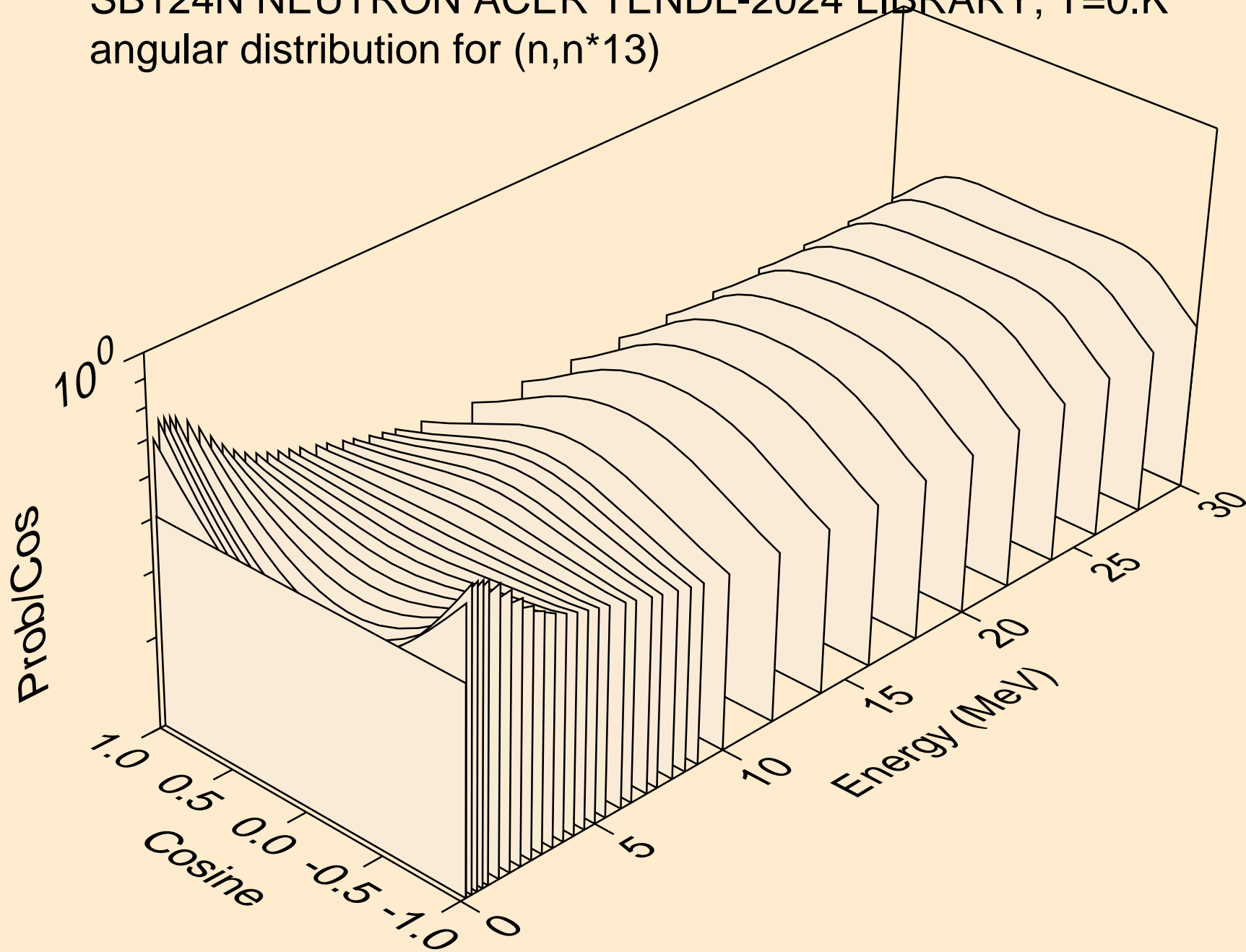




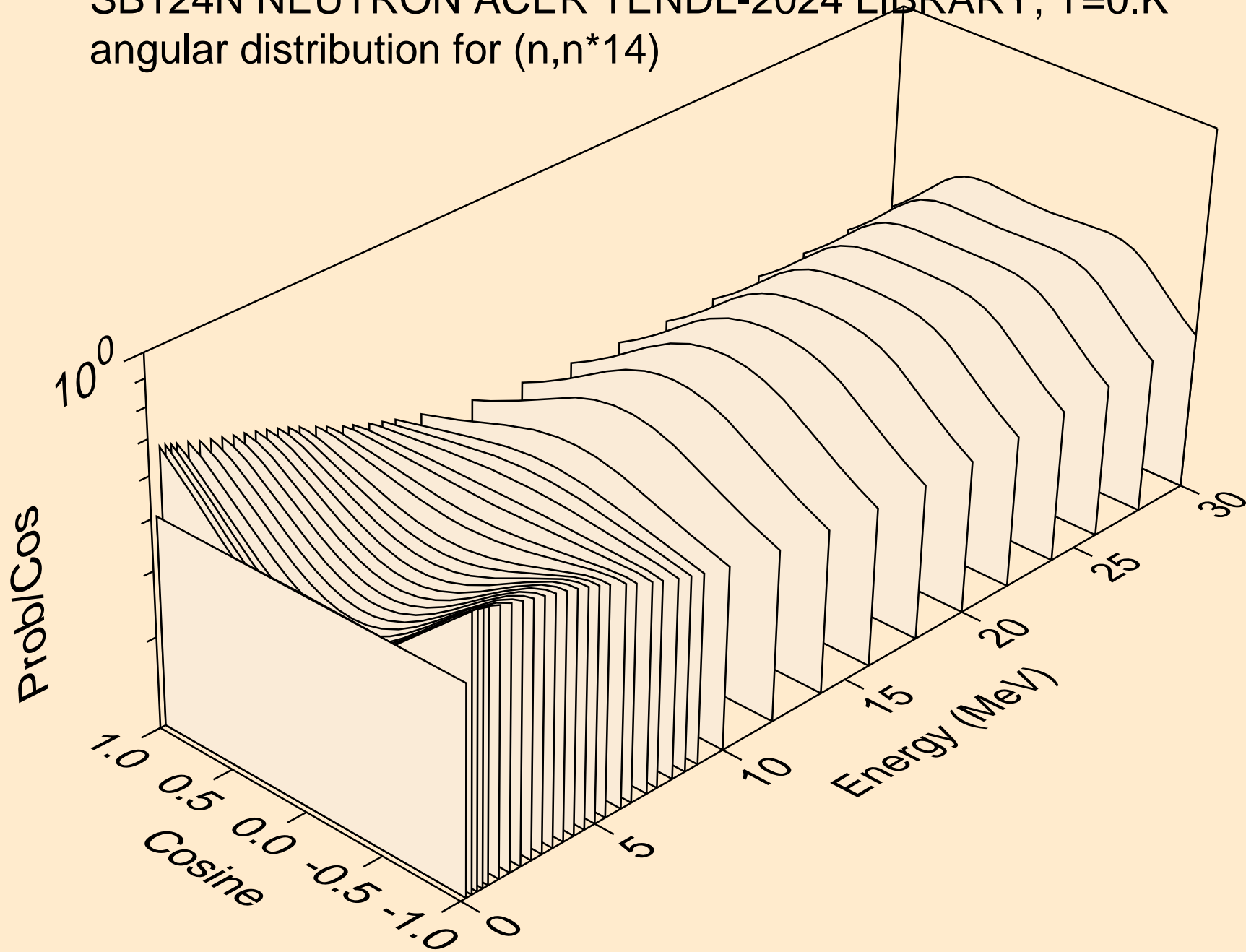
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angular distribution for (n,n\*12)



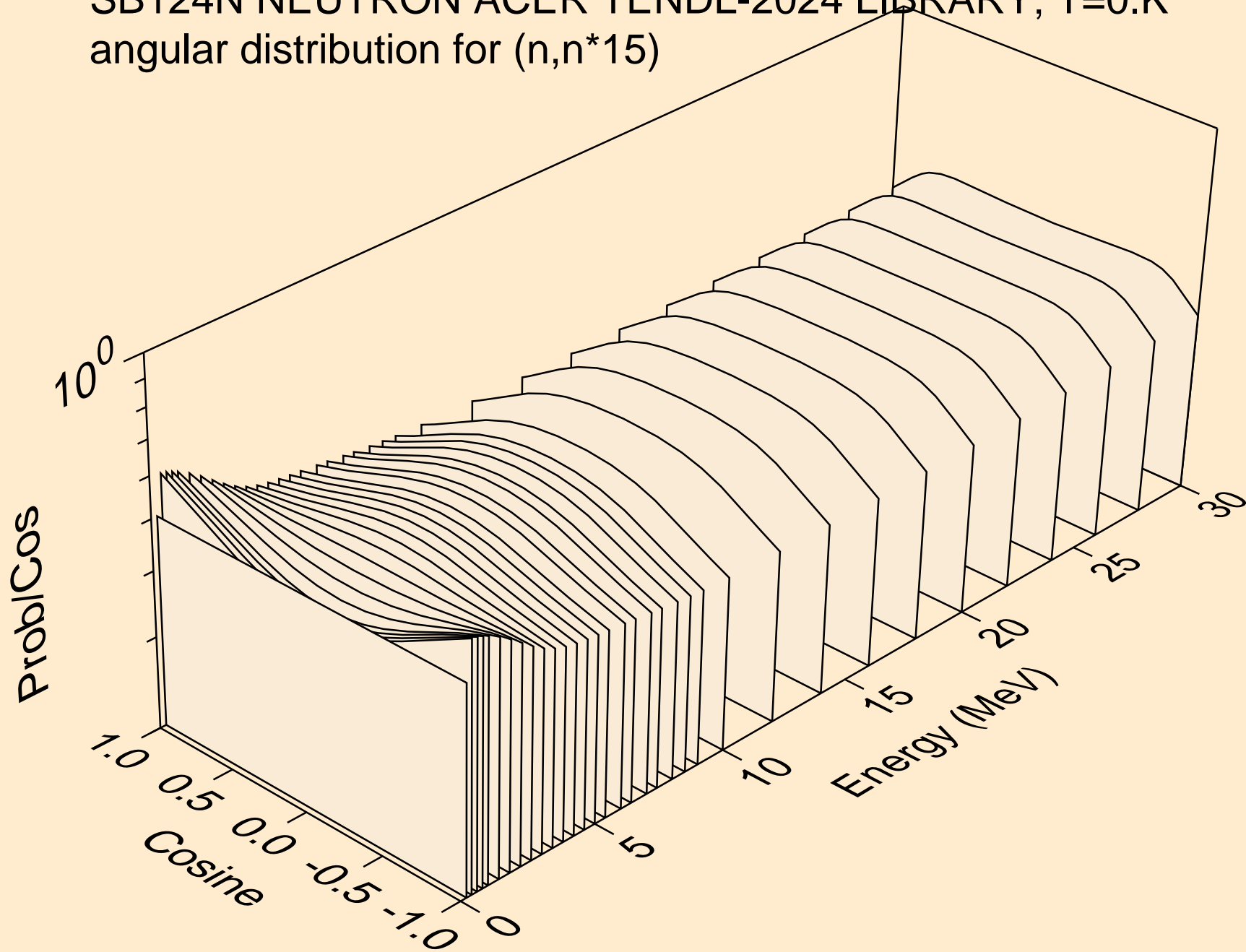
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



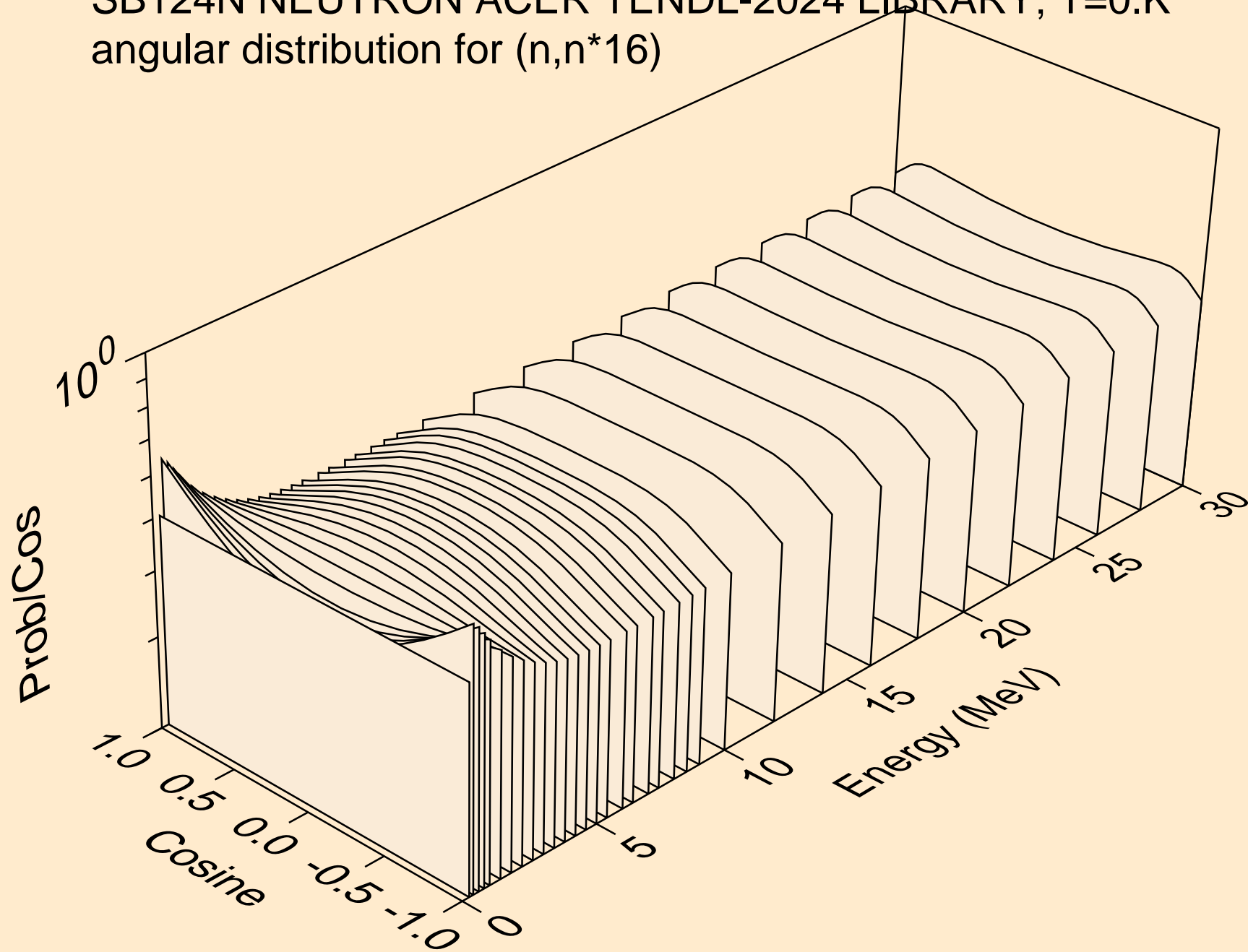
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angular distribution for (n,n\*14)



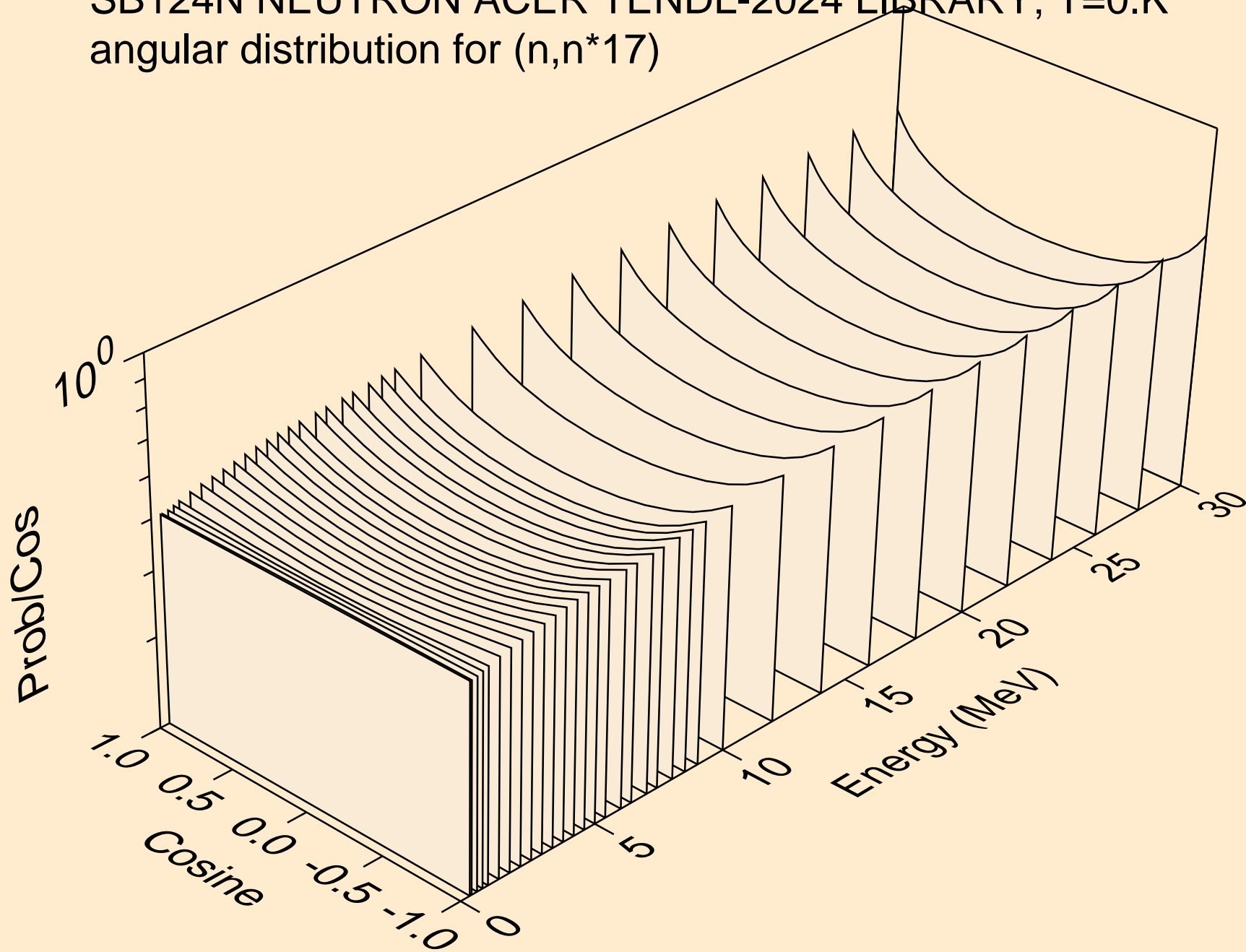
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angular distribution for (n,n\*15)



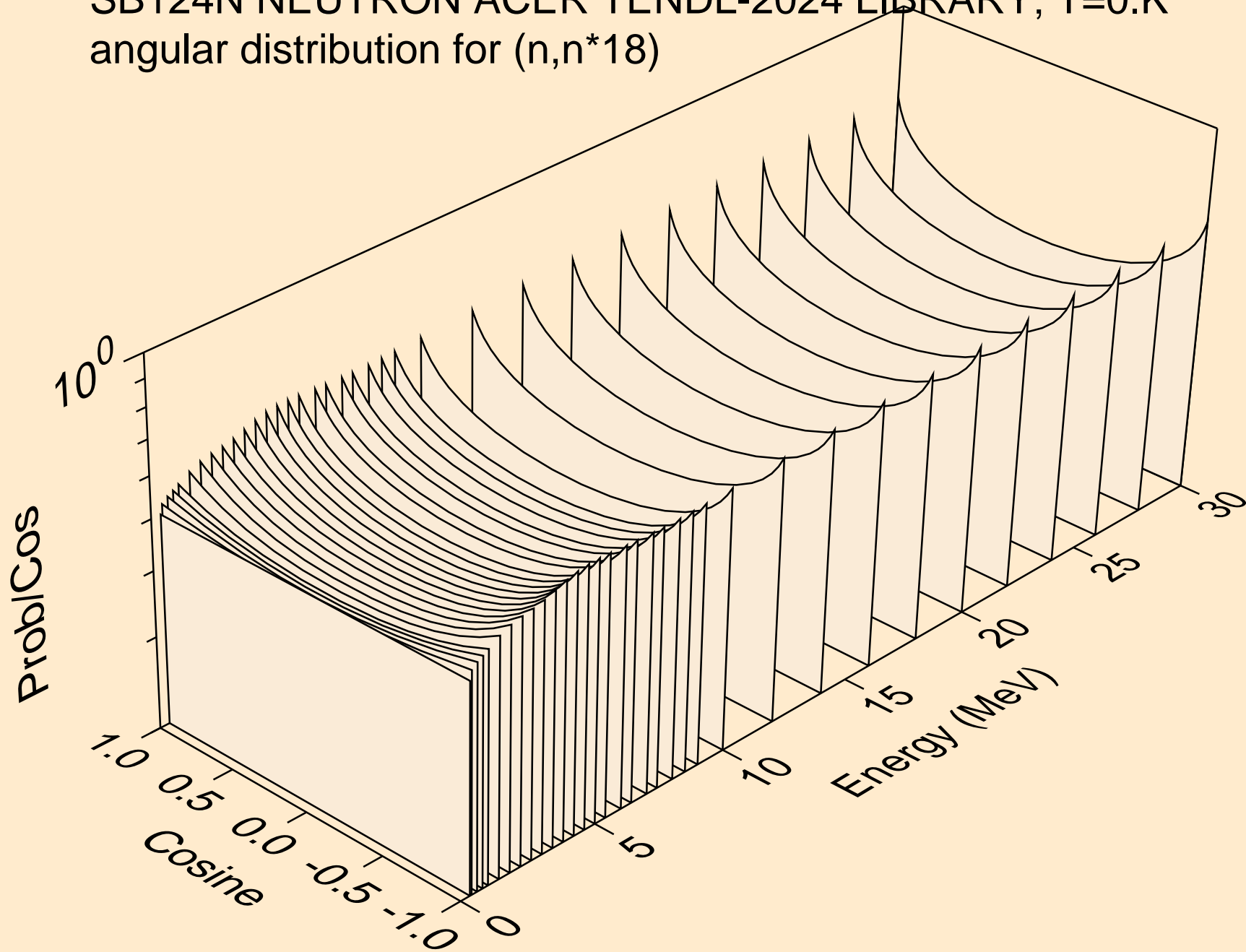
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angular distribution for (n,n\*16)



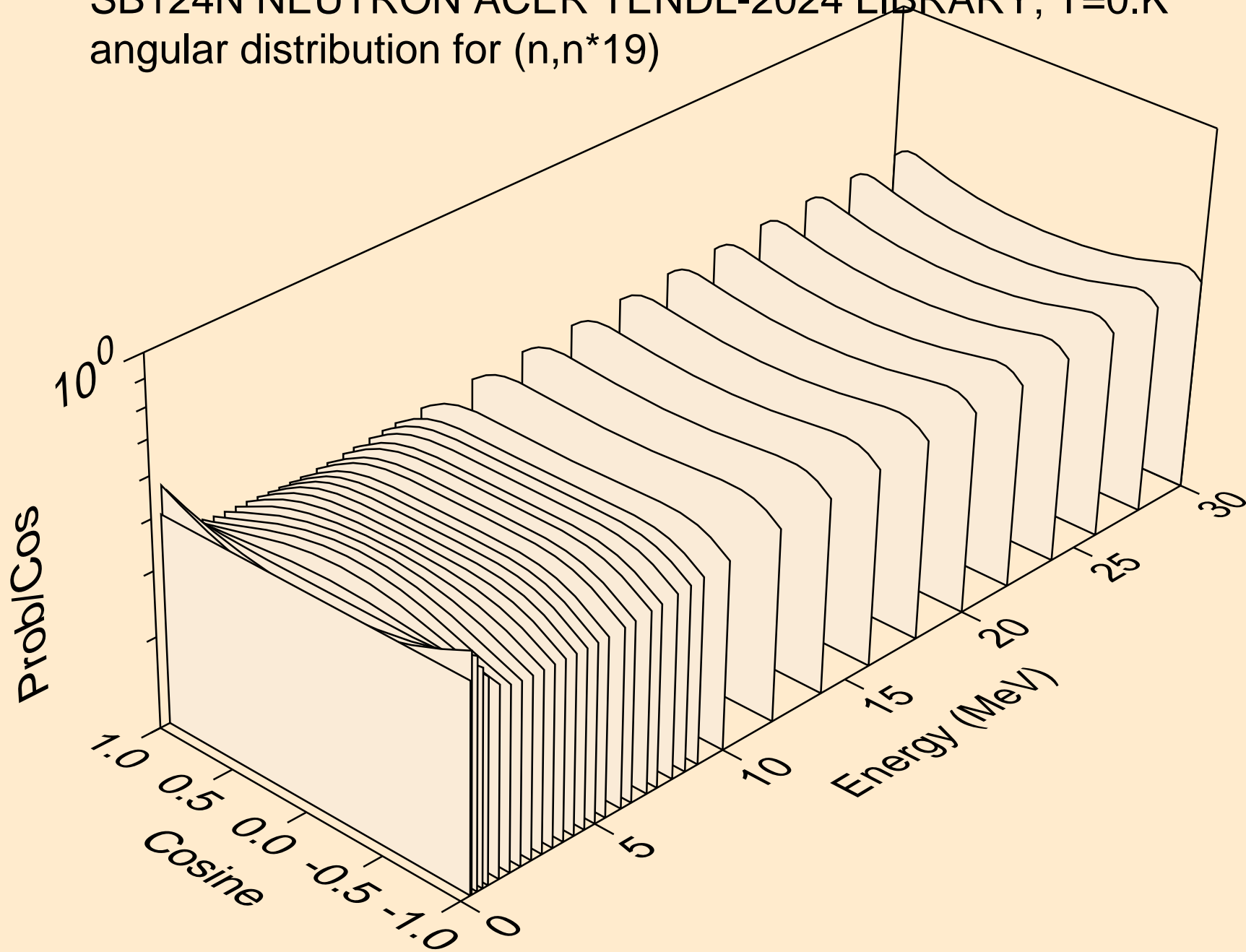
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

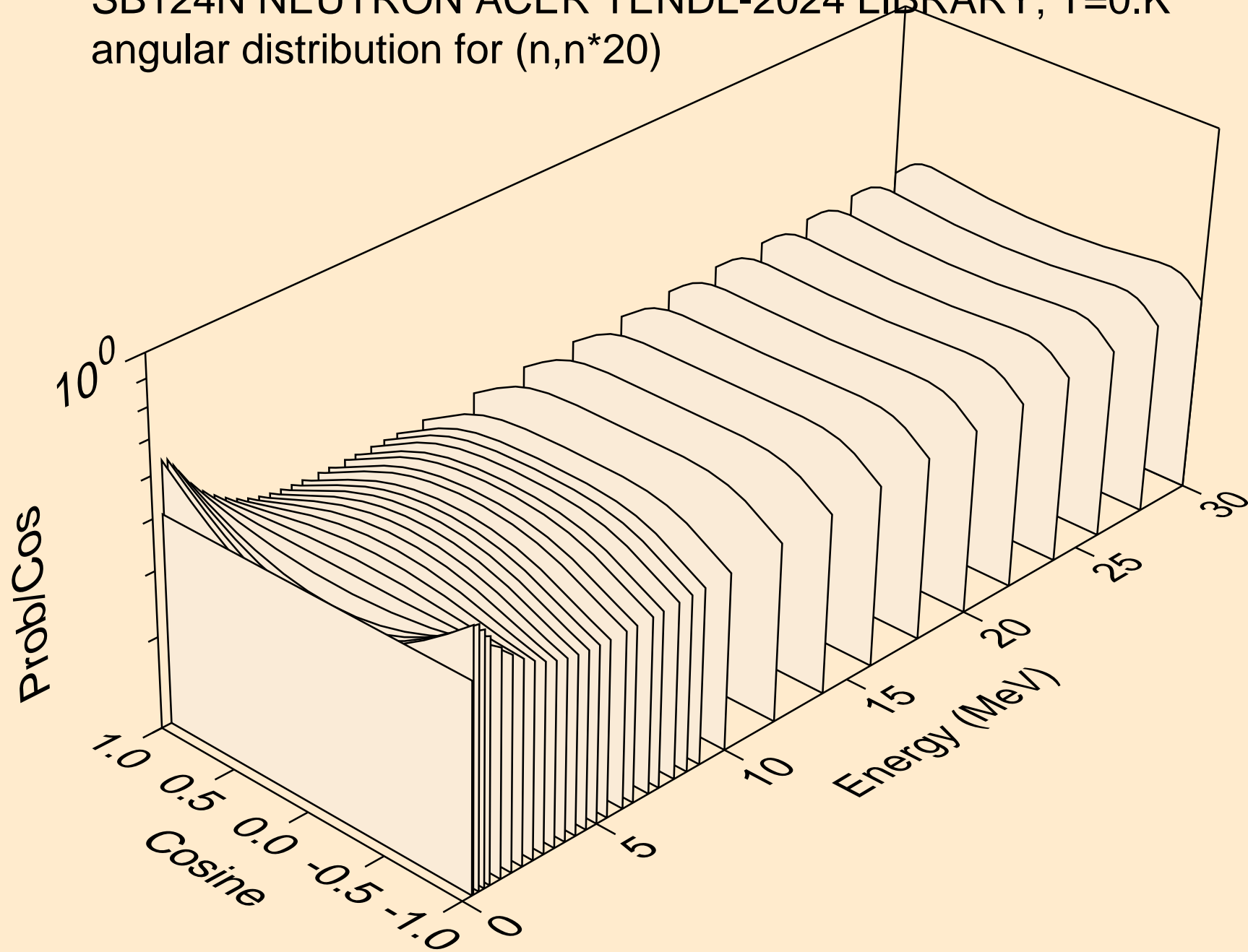


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

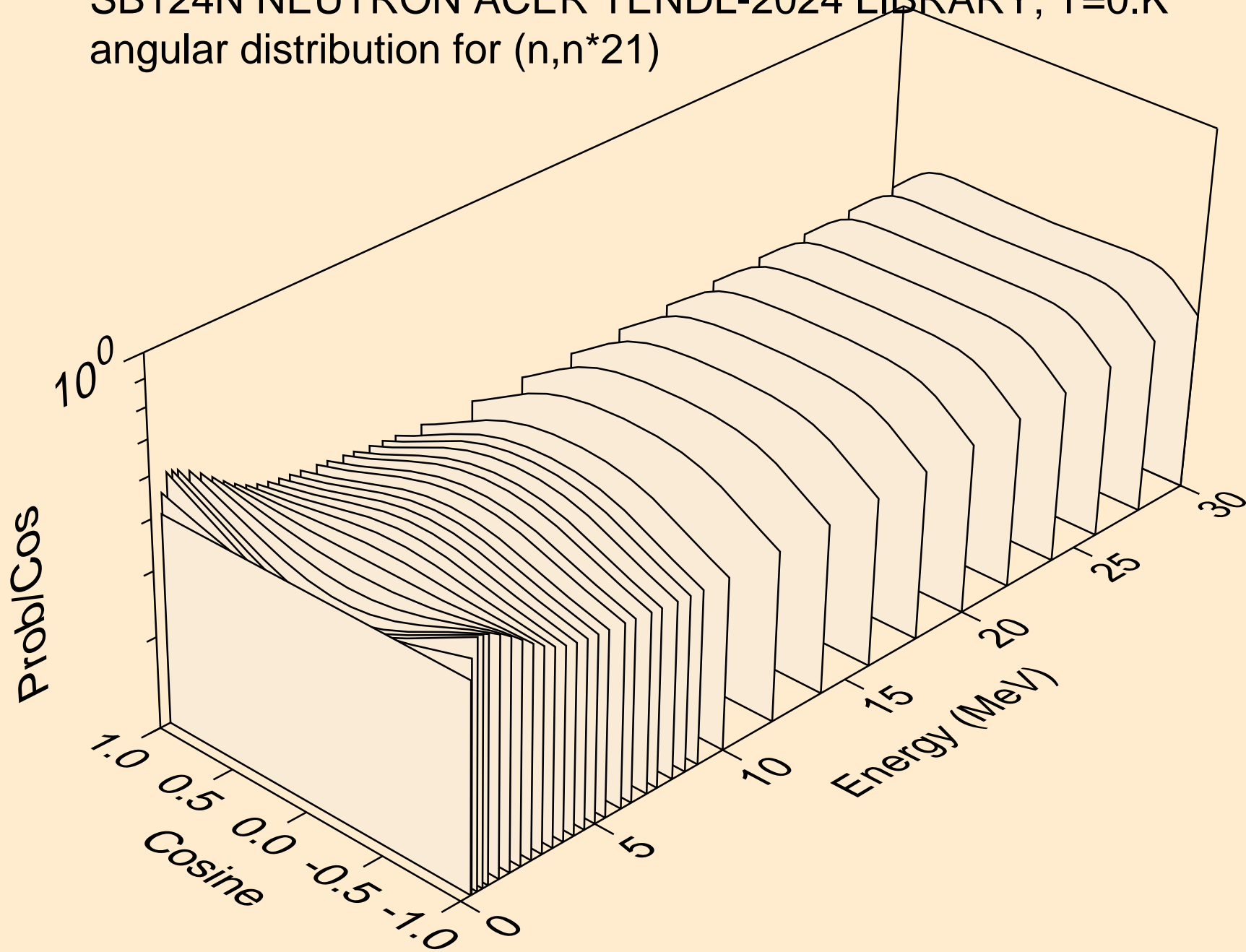




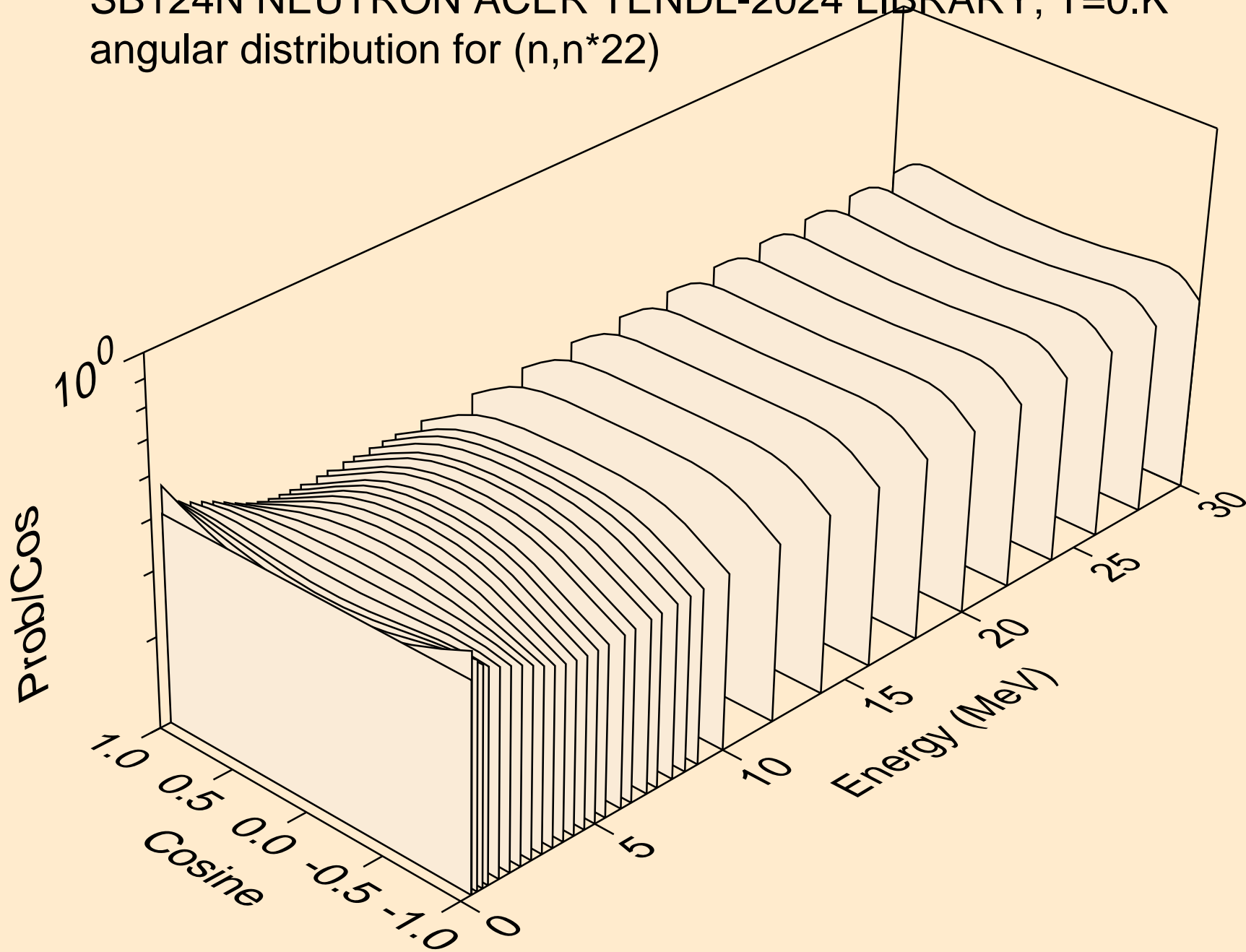
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



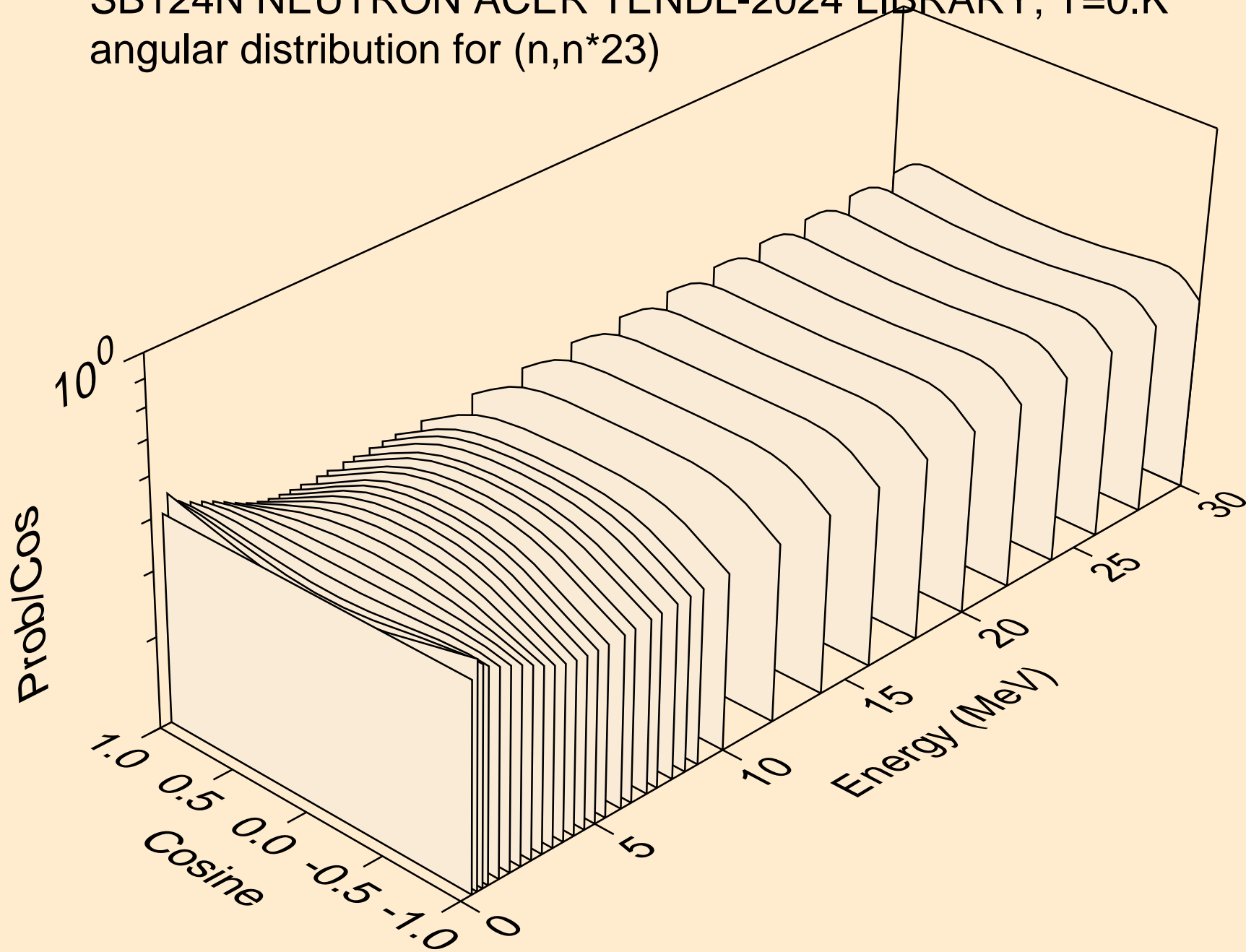
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angular distribution for (n,n\*21)



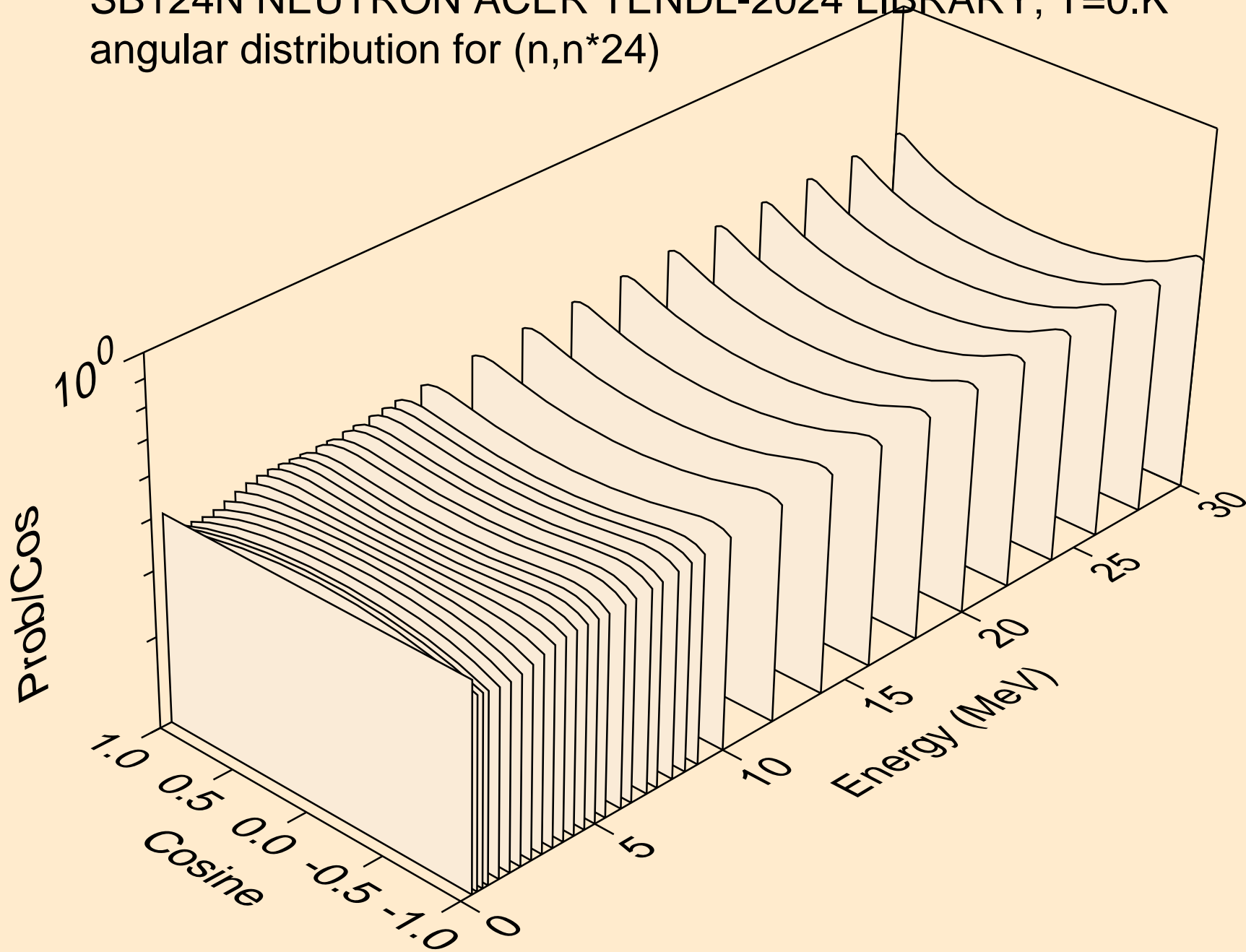
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angular distribution for (n,n\*22)



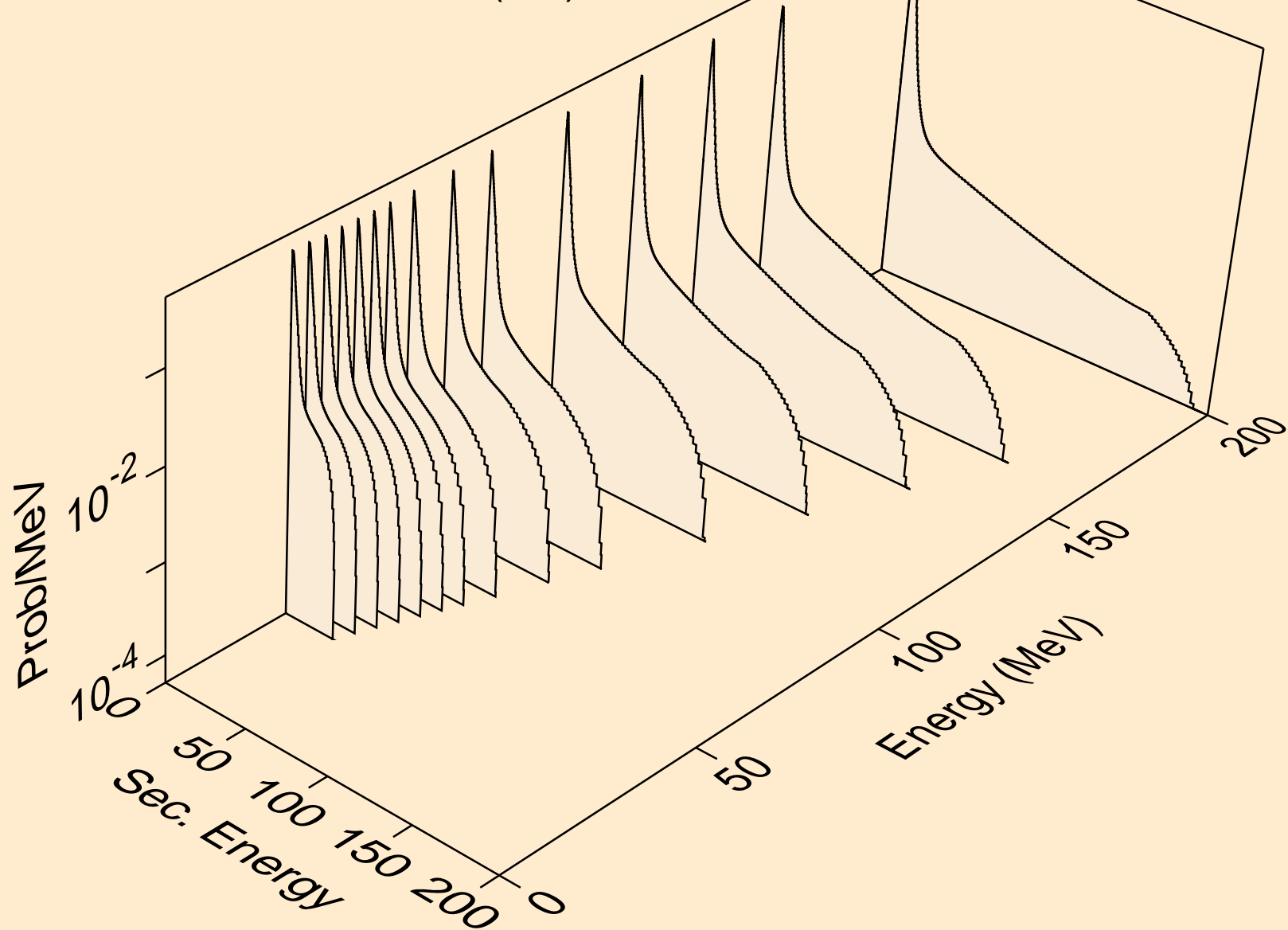
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angular distribution for (n,n\*23)



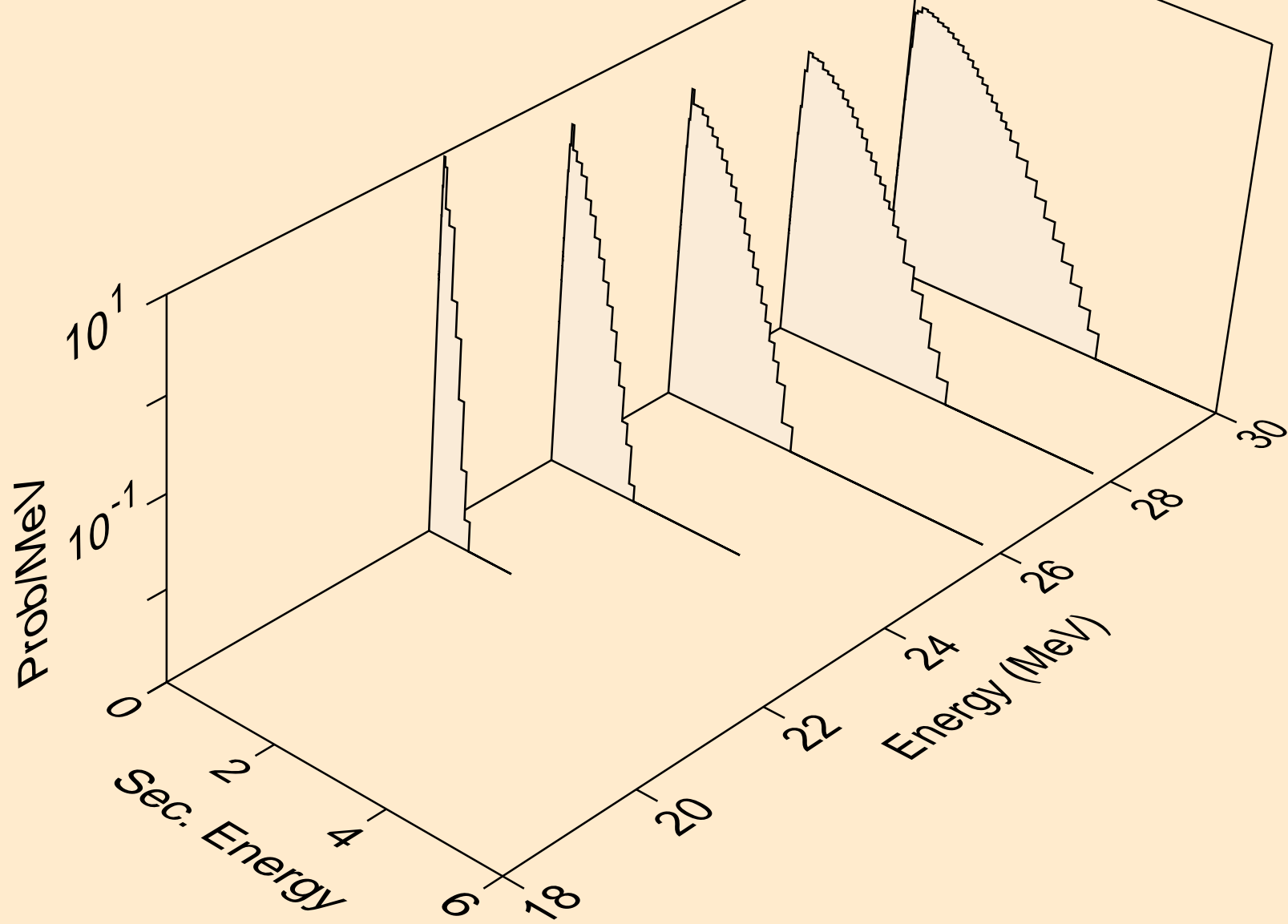
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



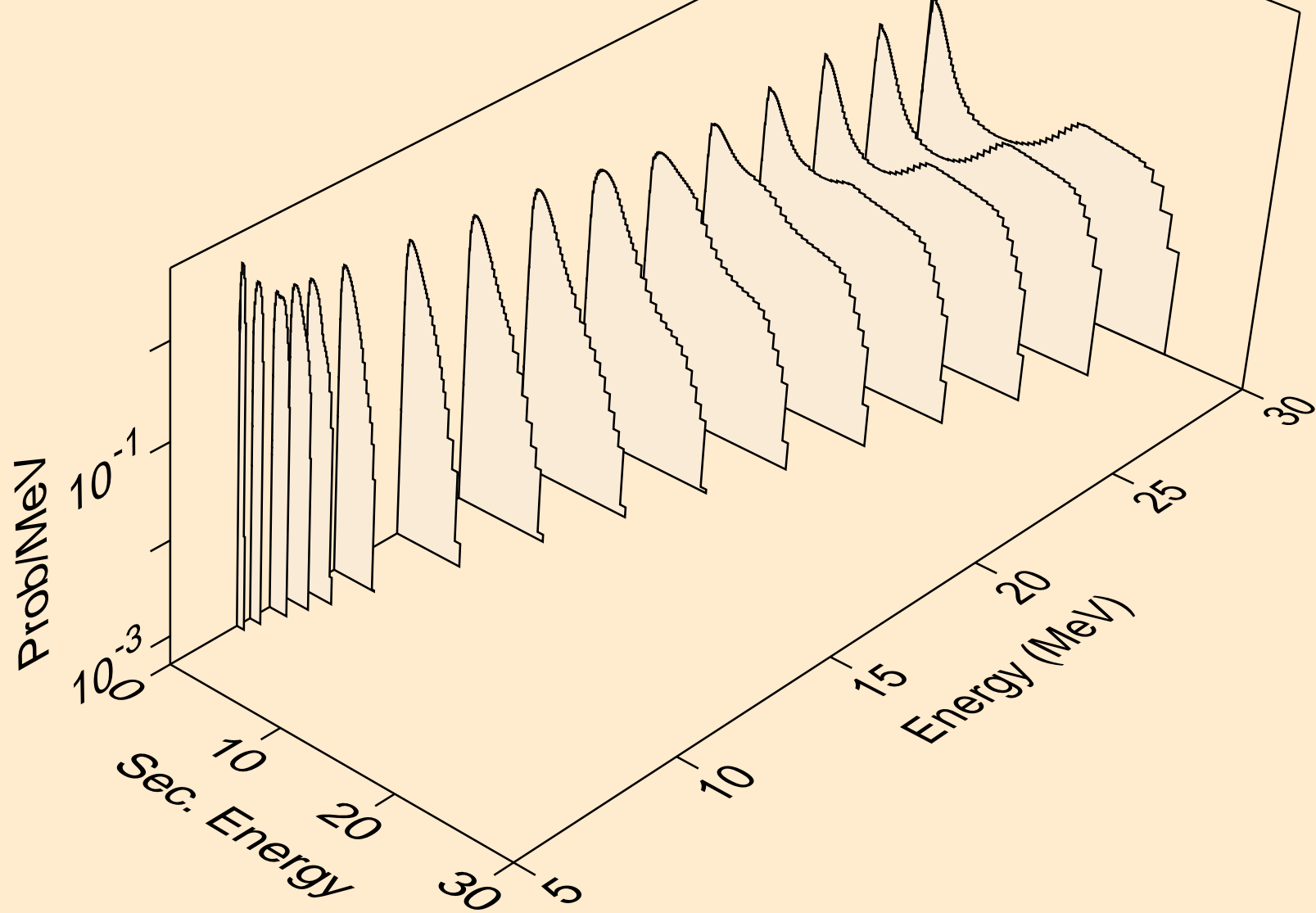
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

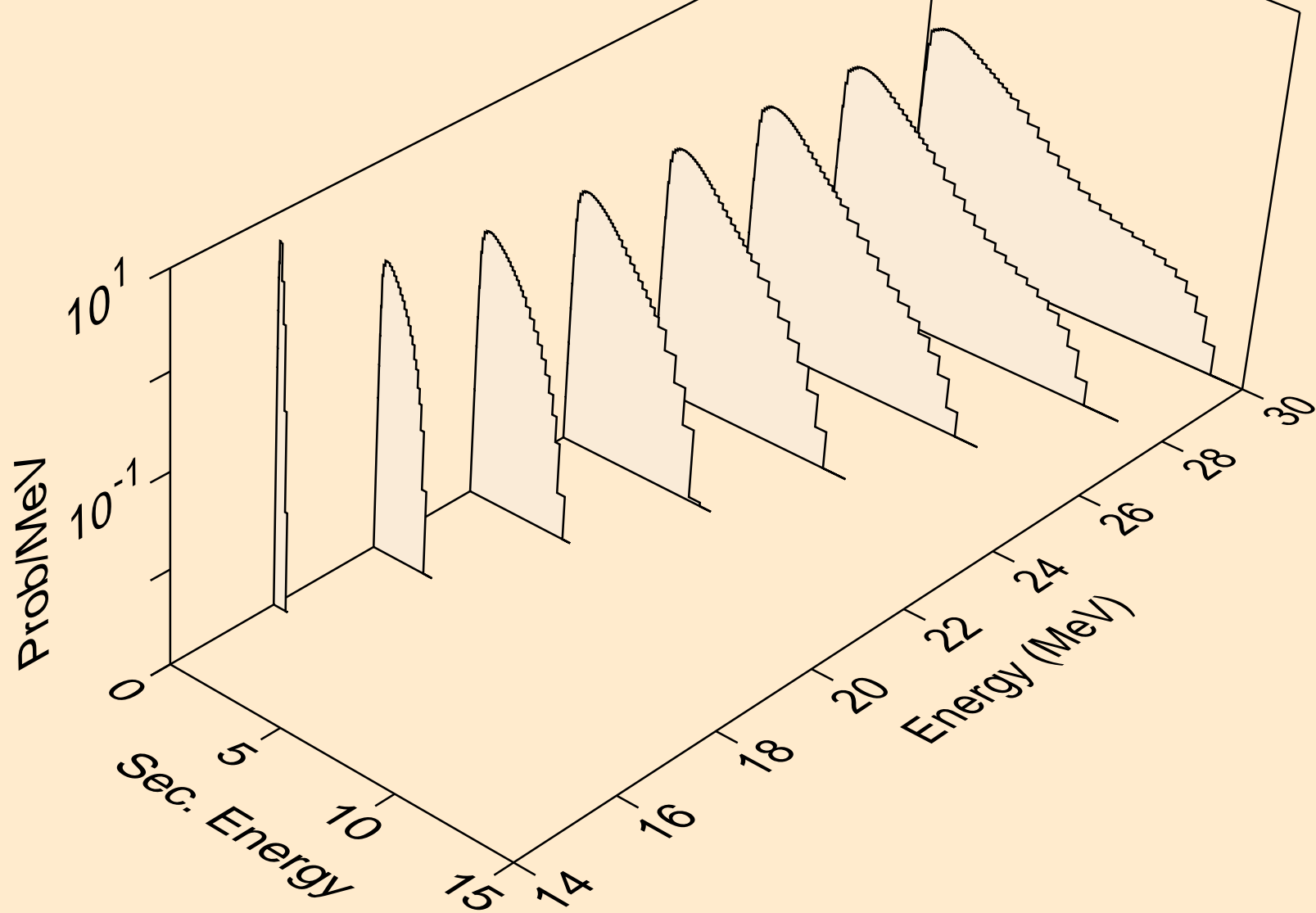


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

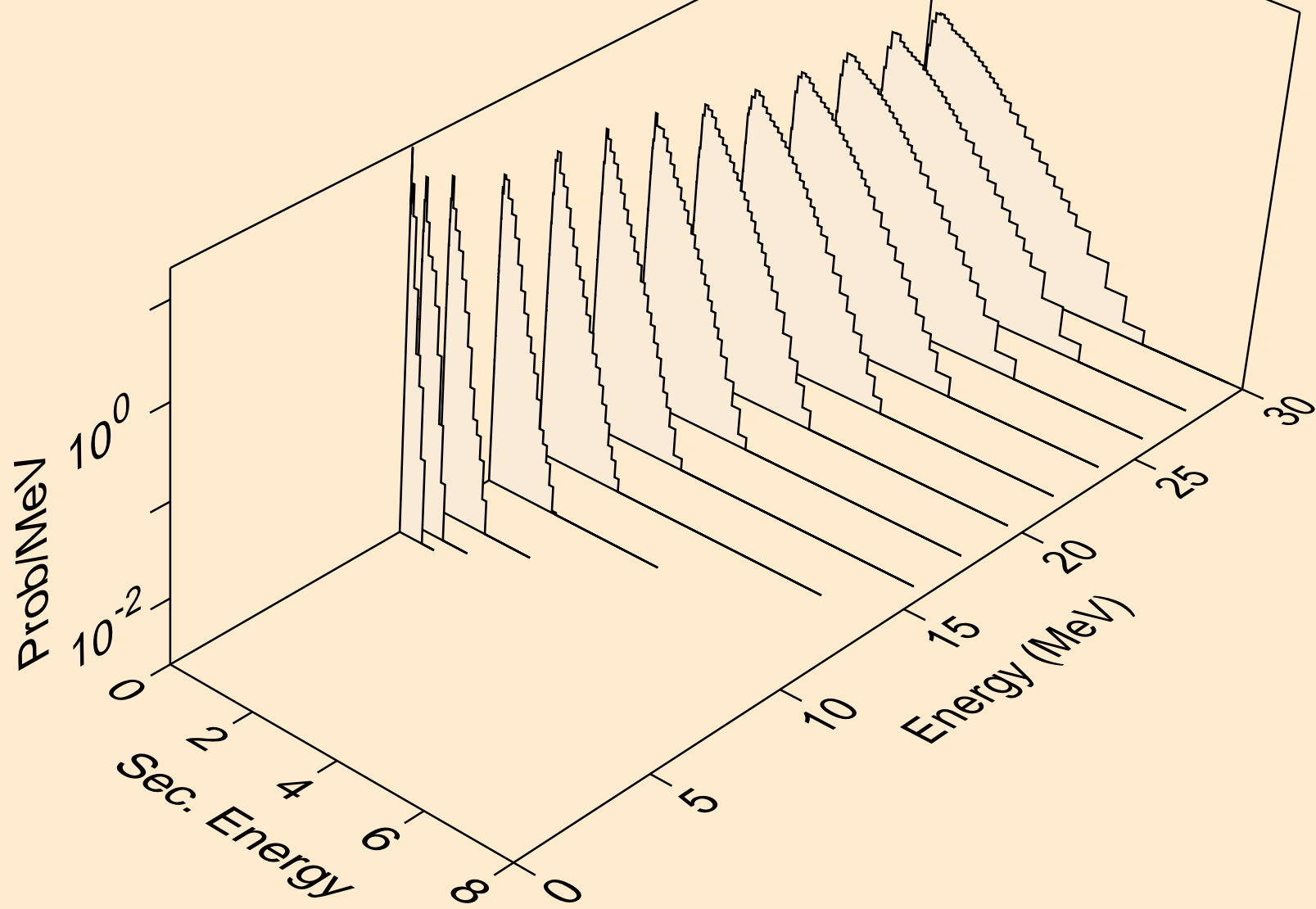




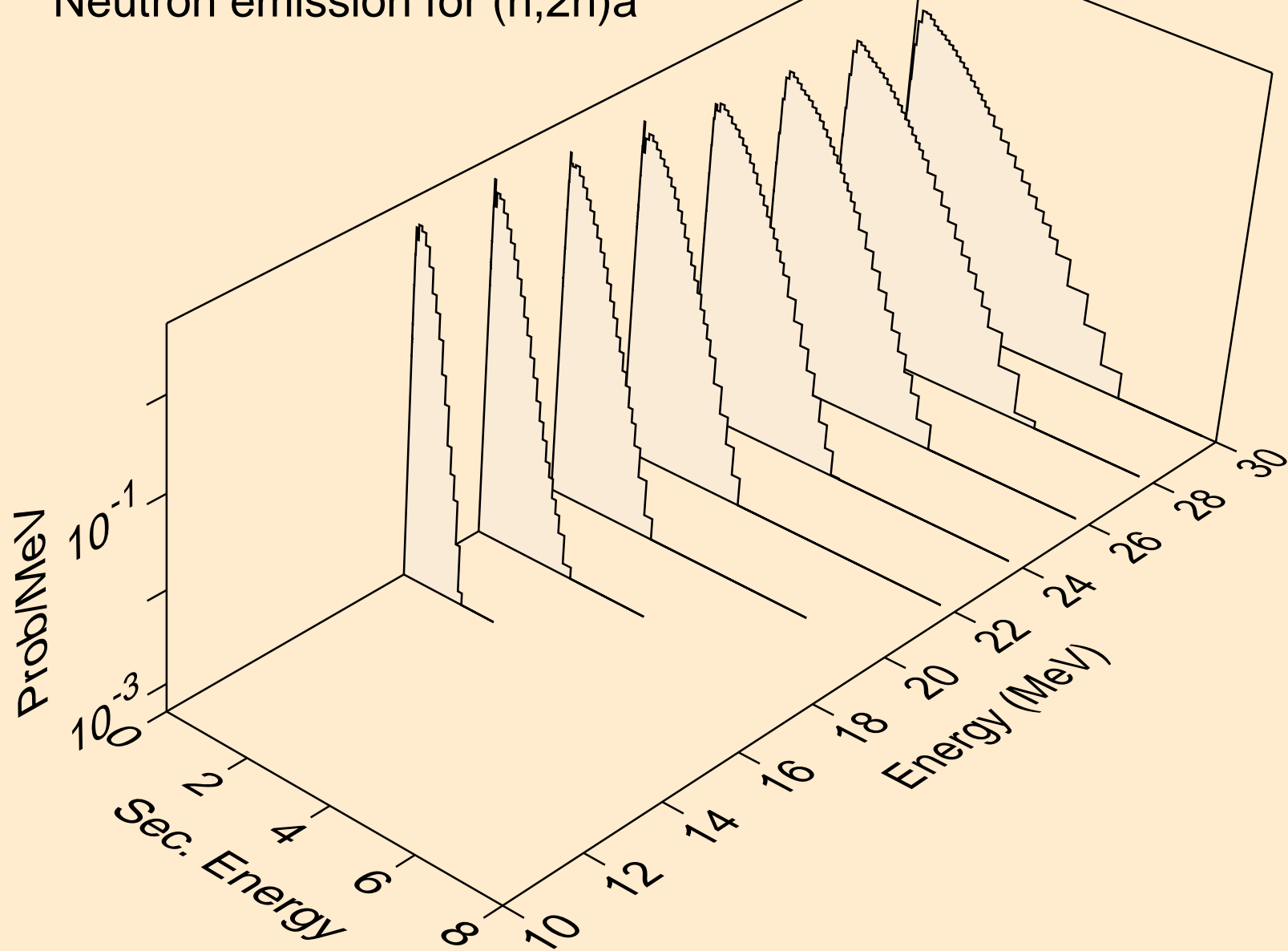
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



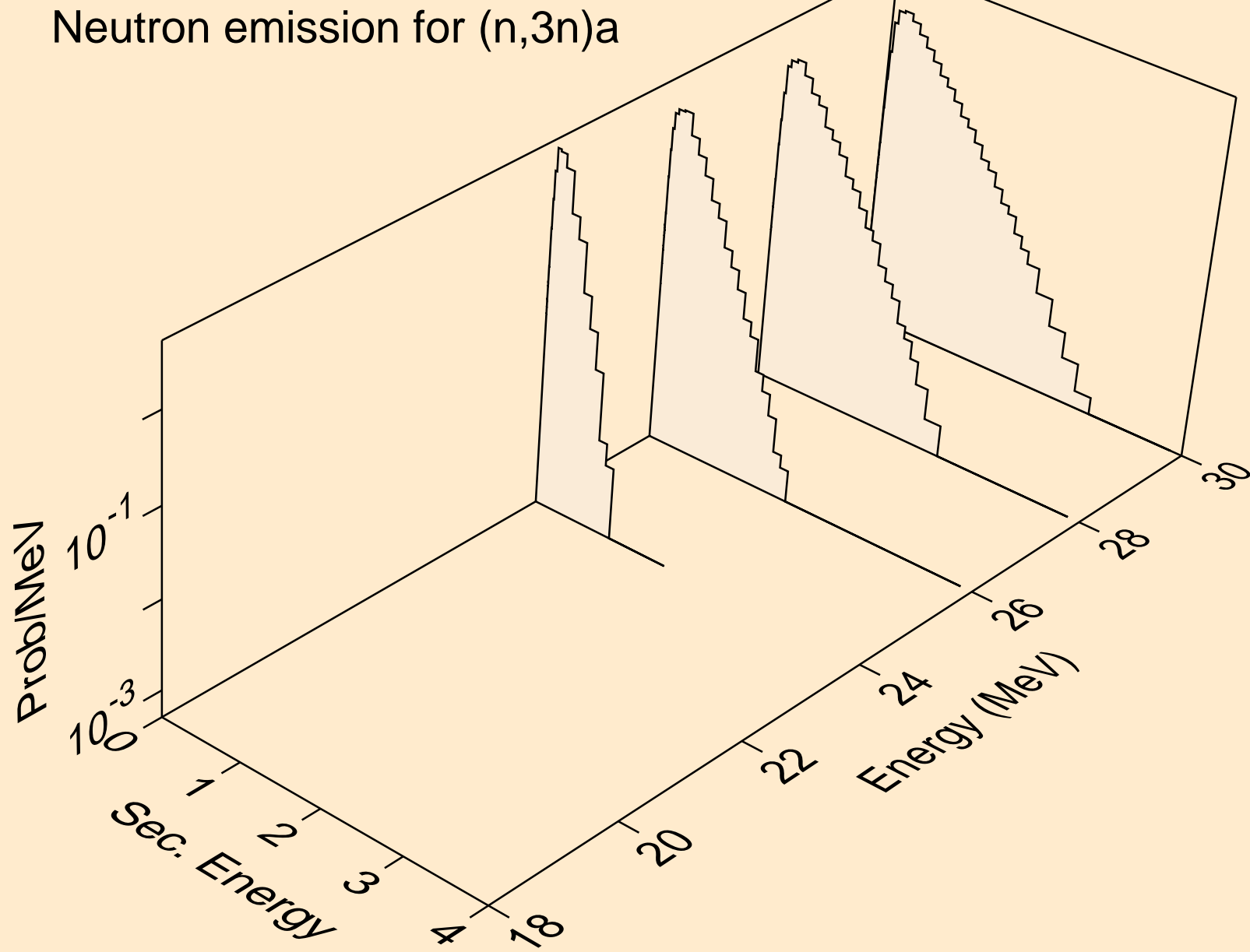
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



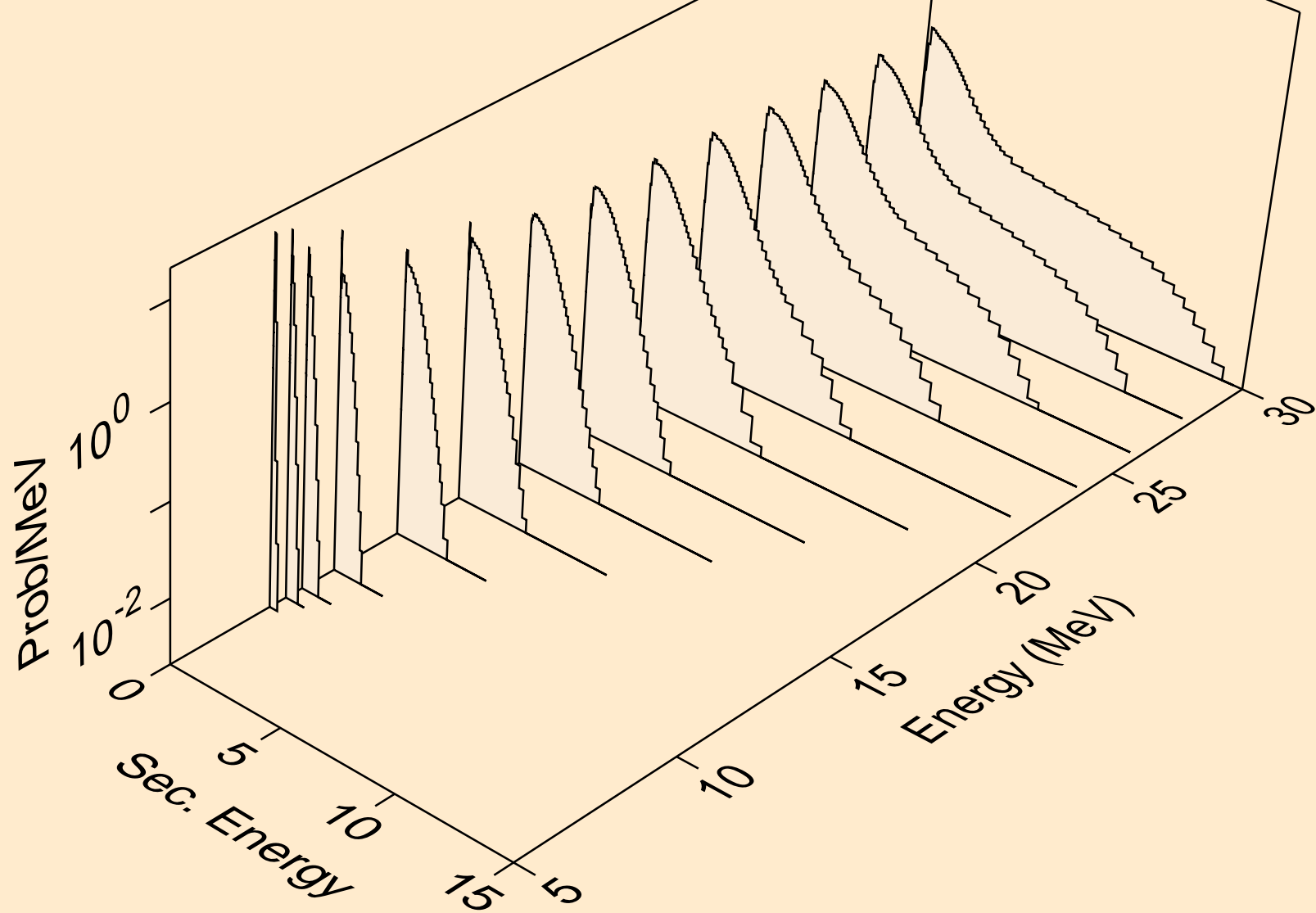
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



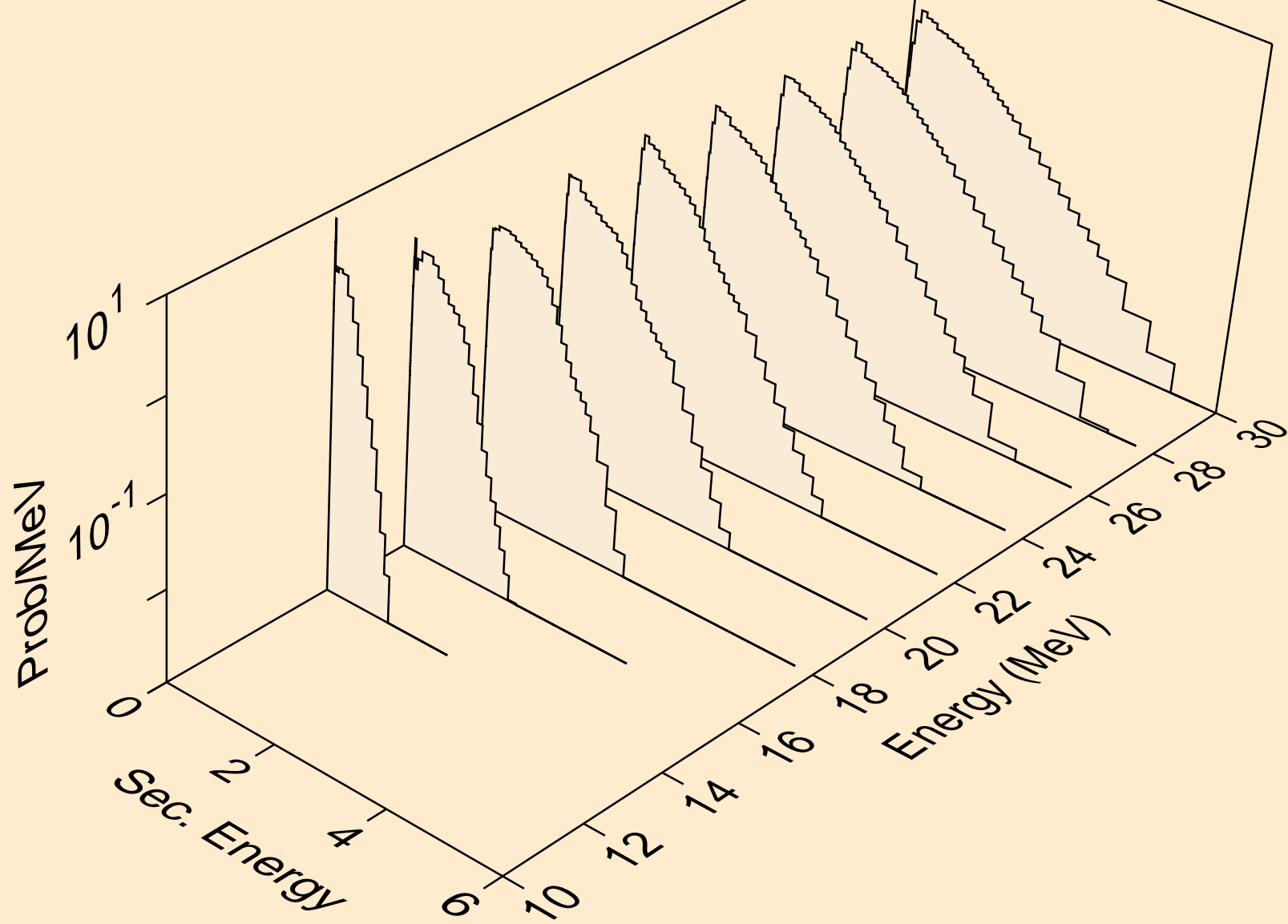
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



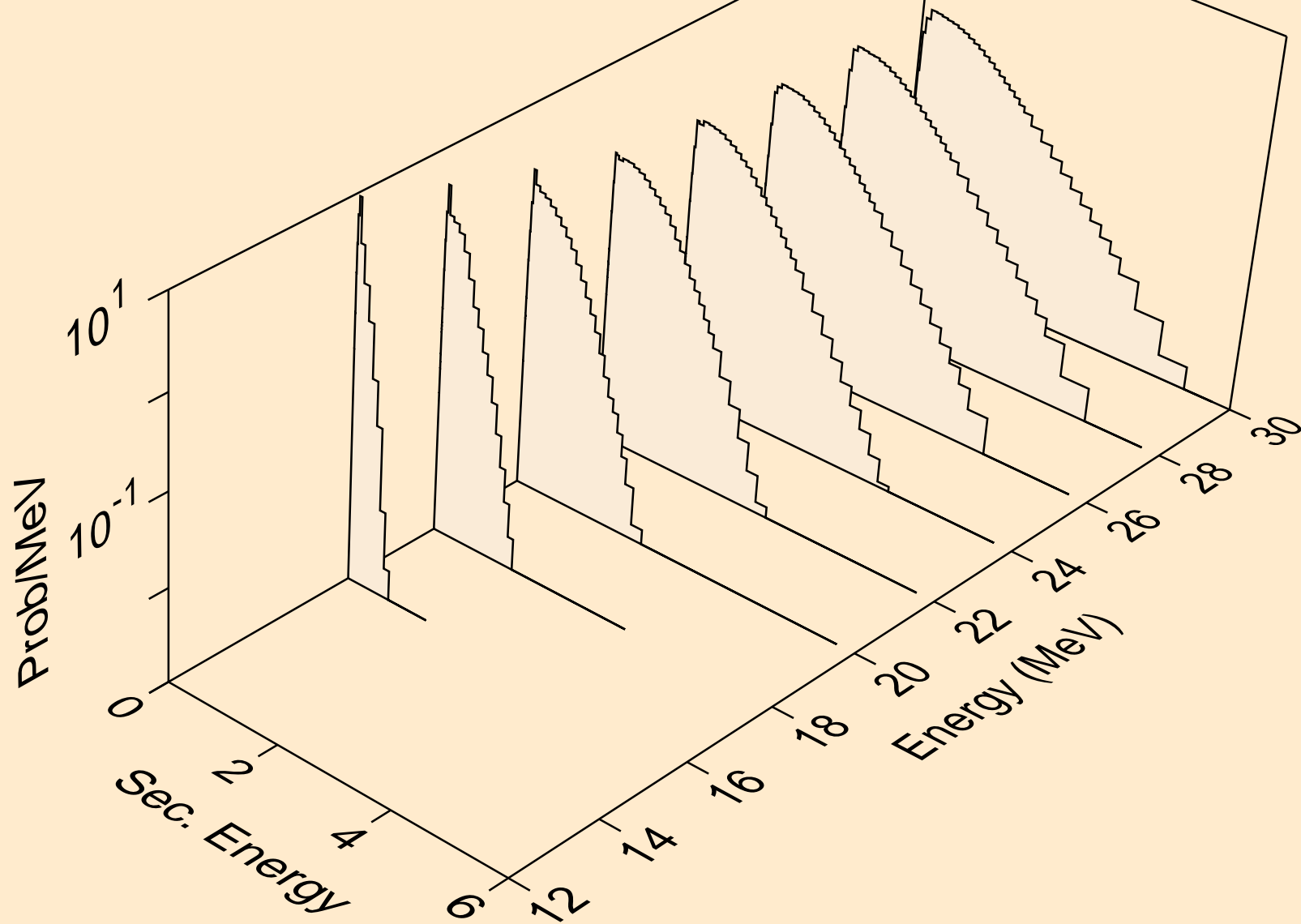
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



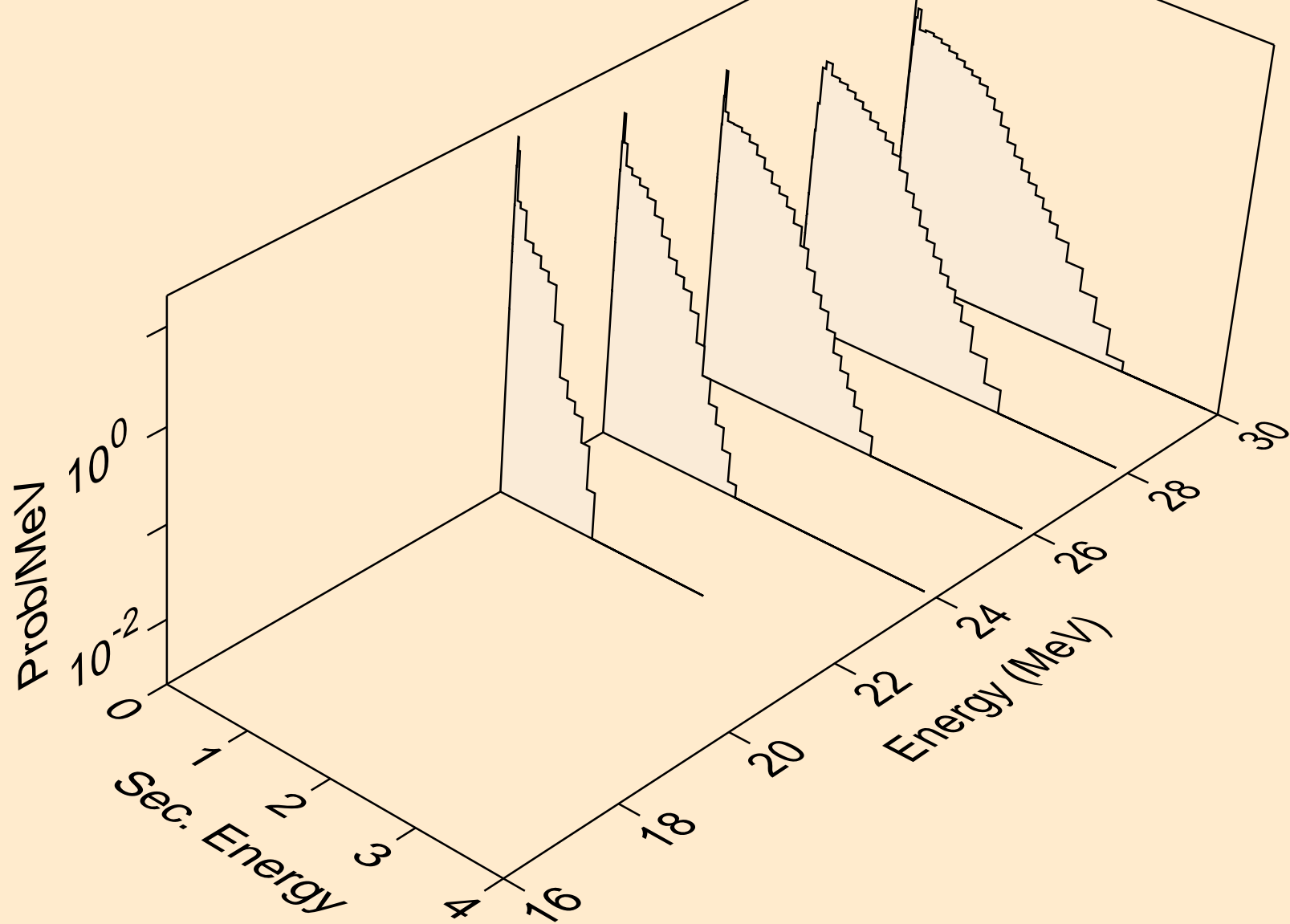
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

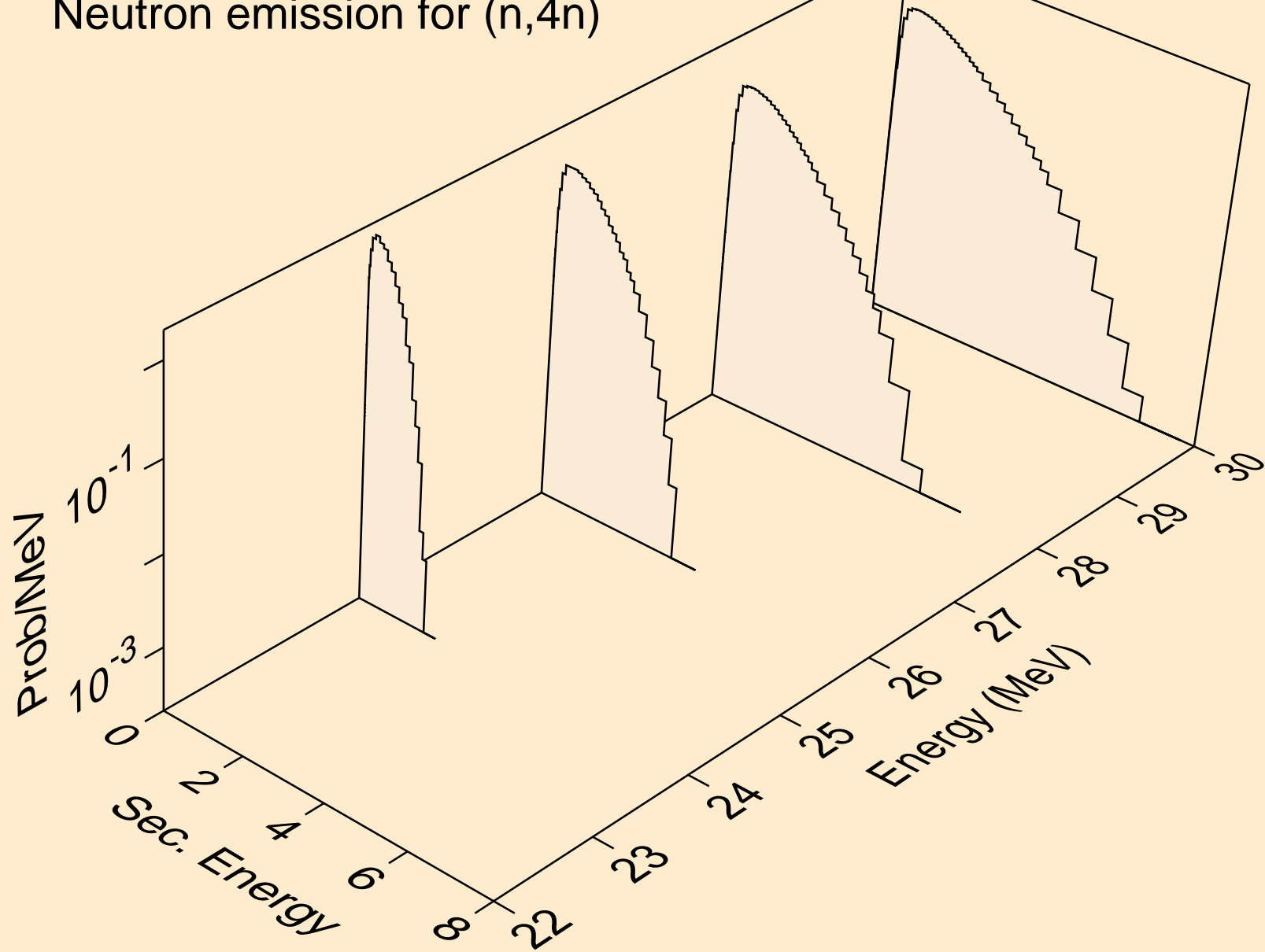


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

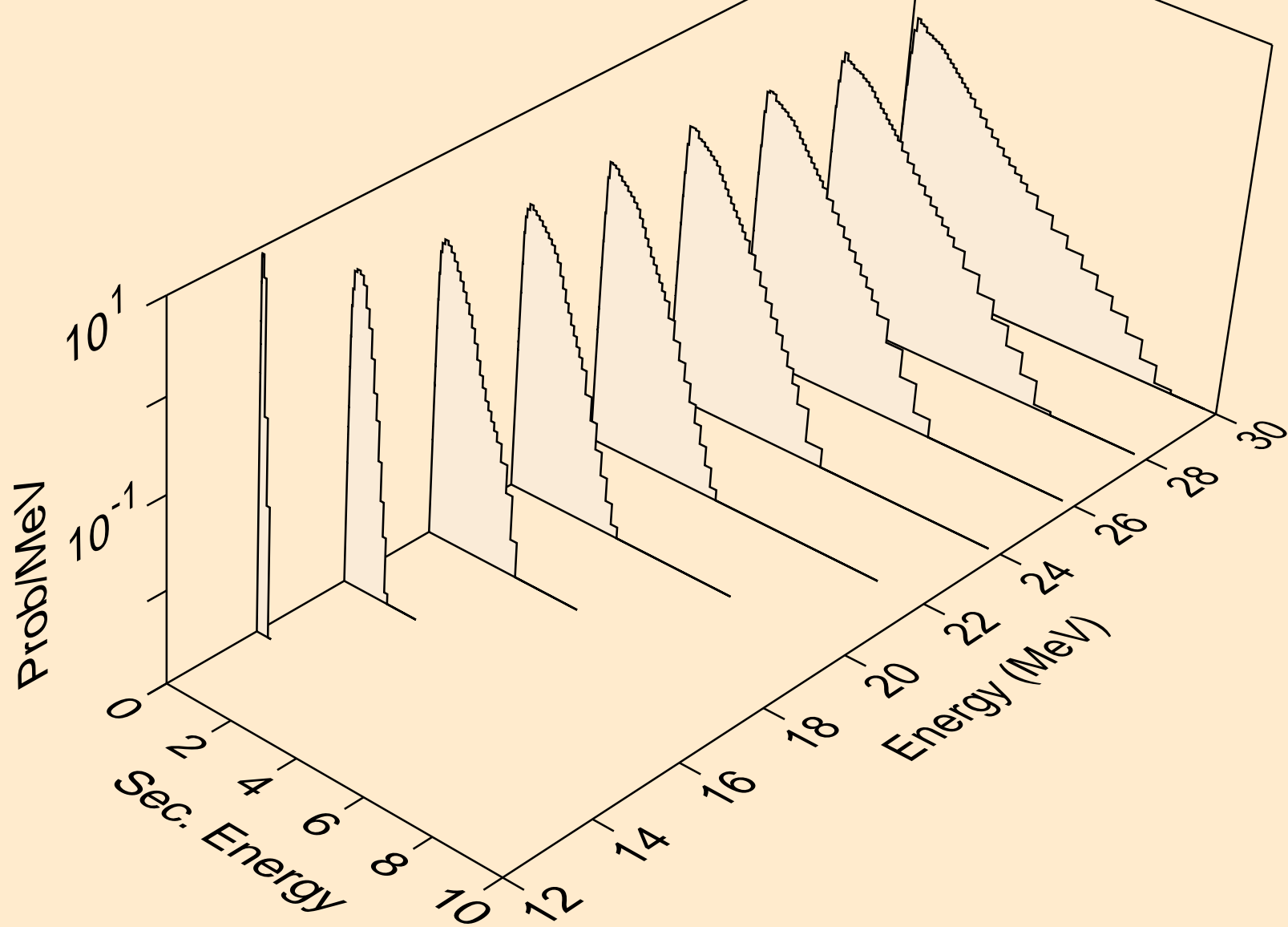




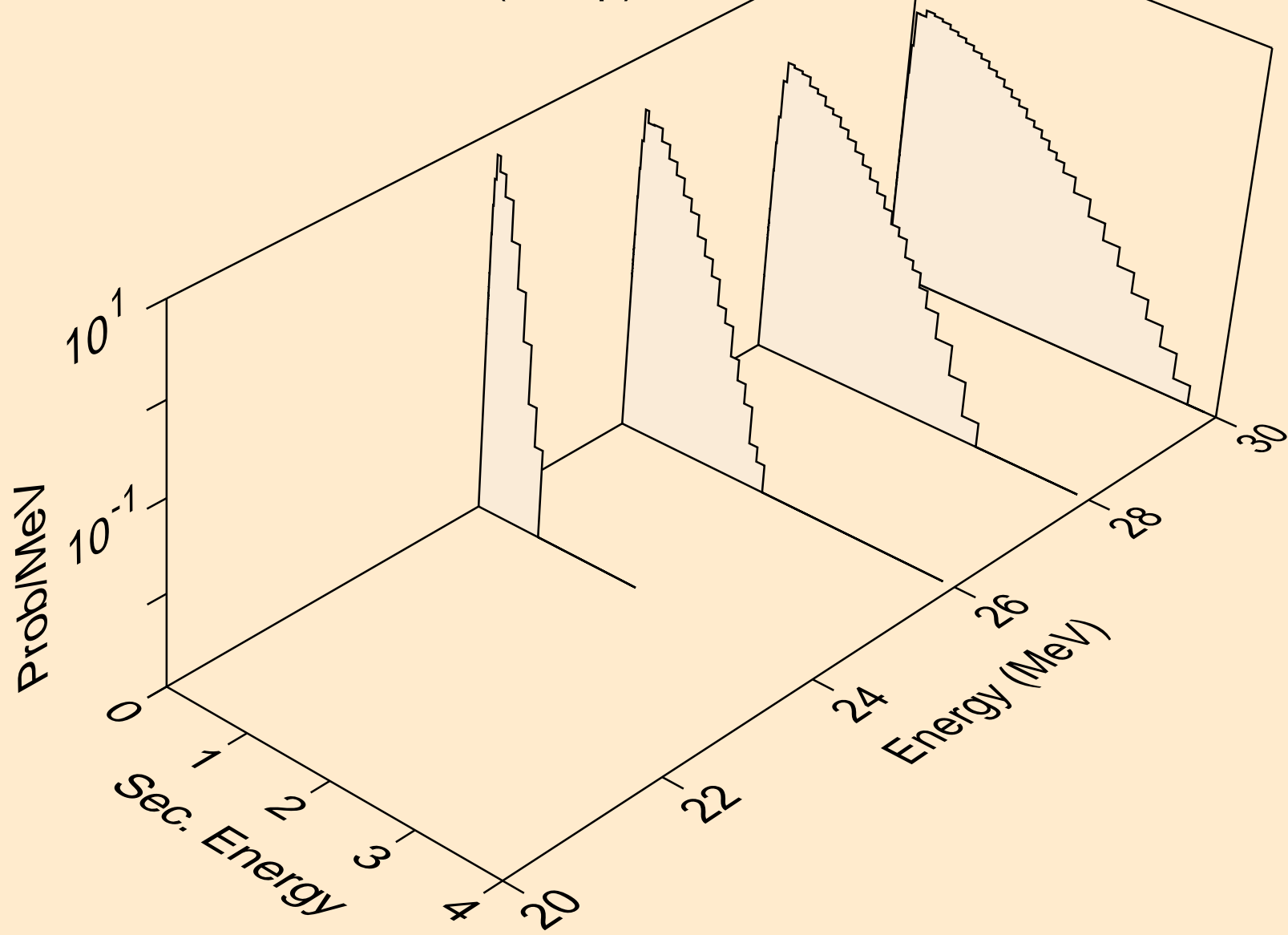
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



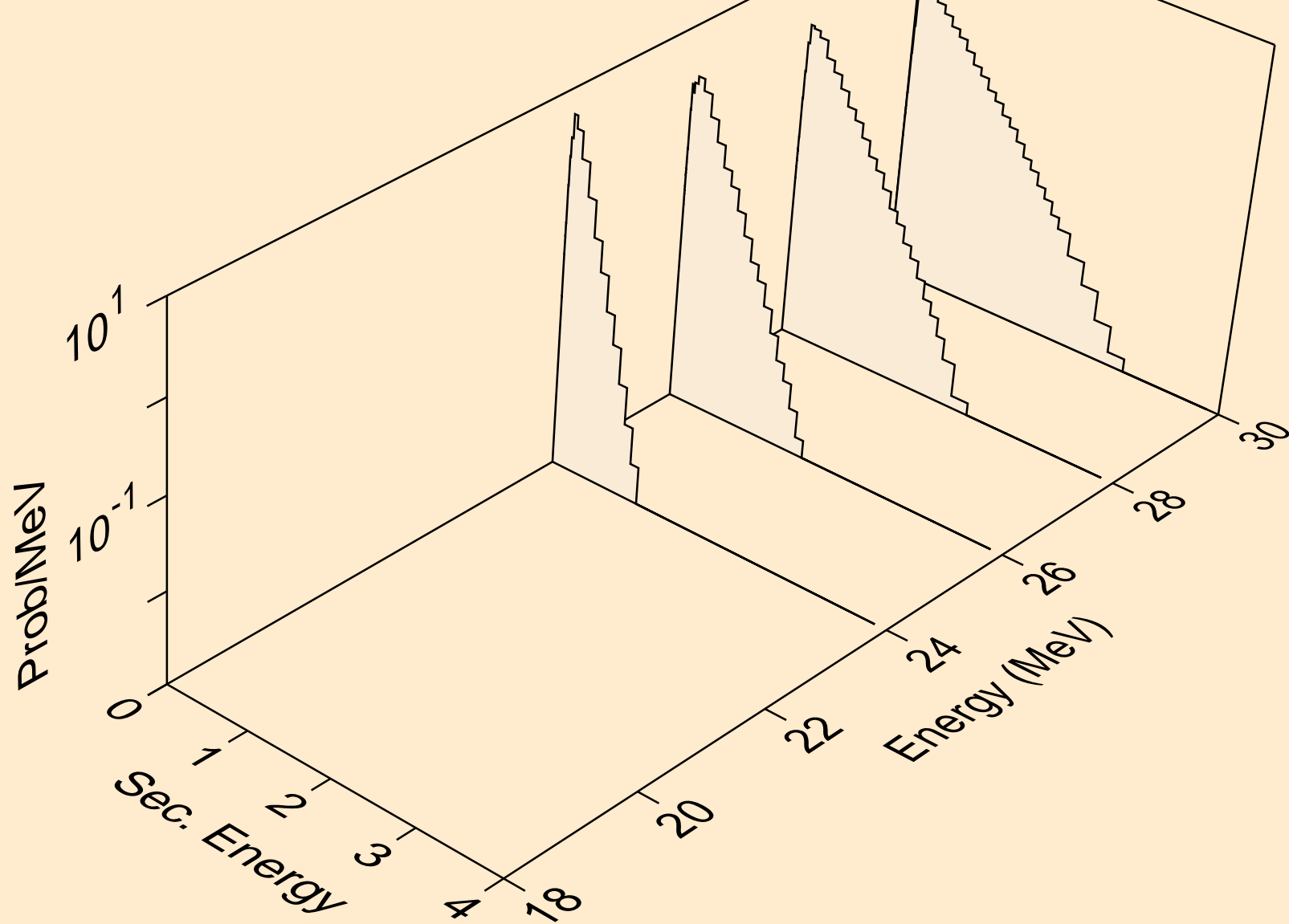
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



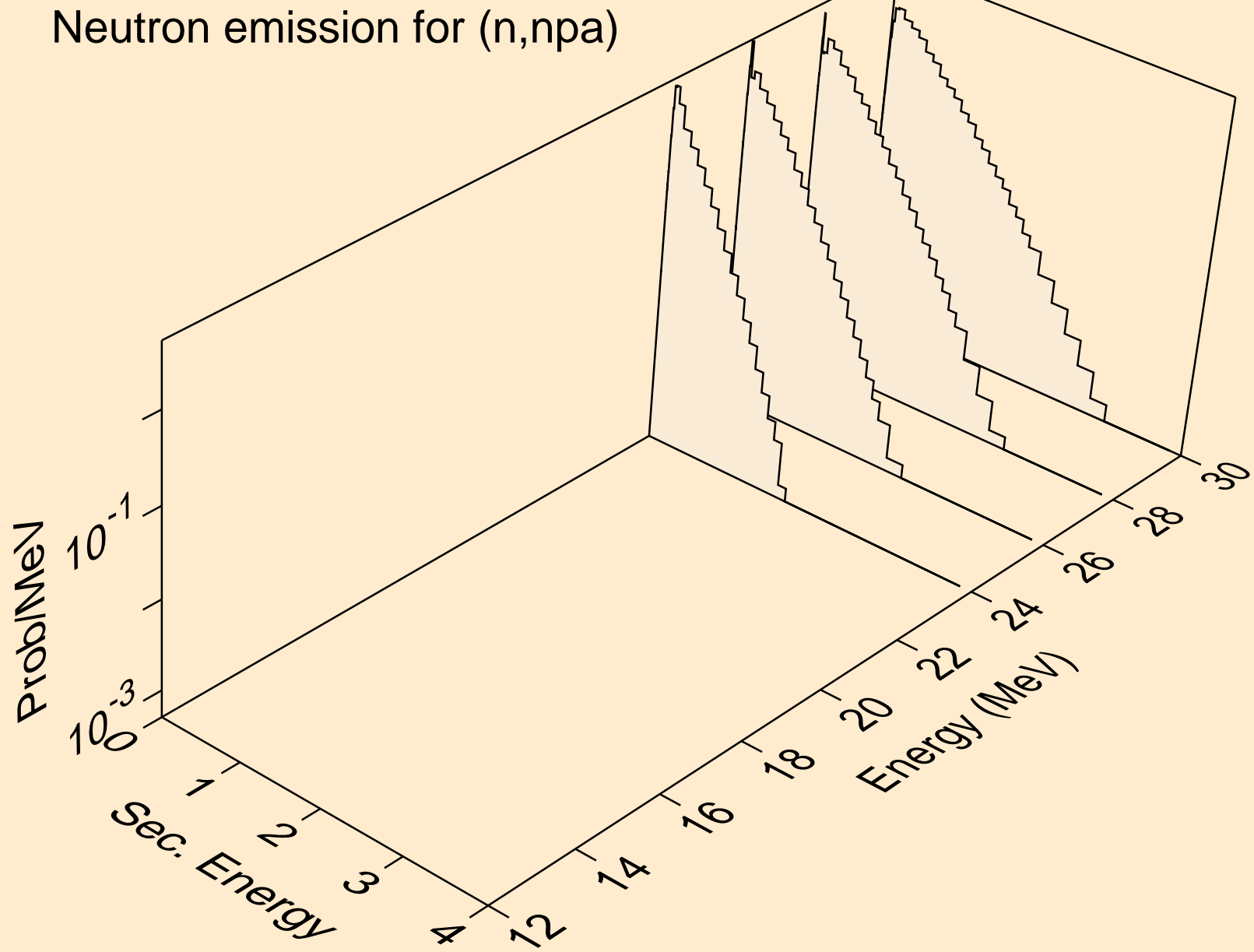
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



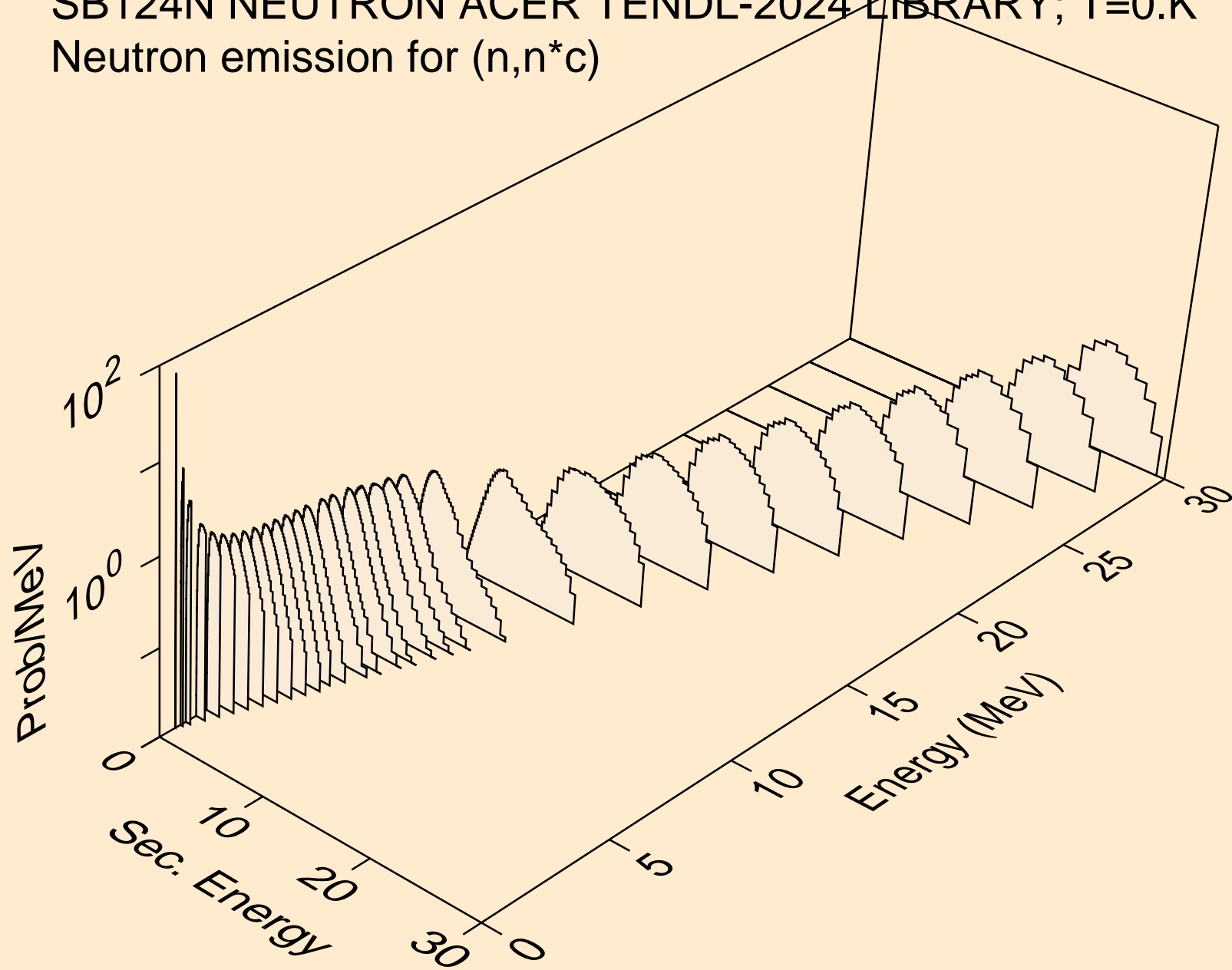
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Neutron emission for (n,n2p)



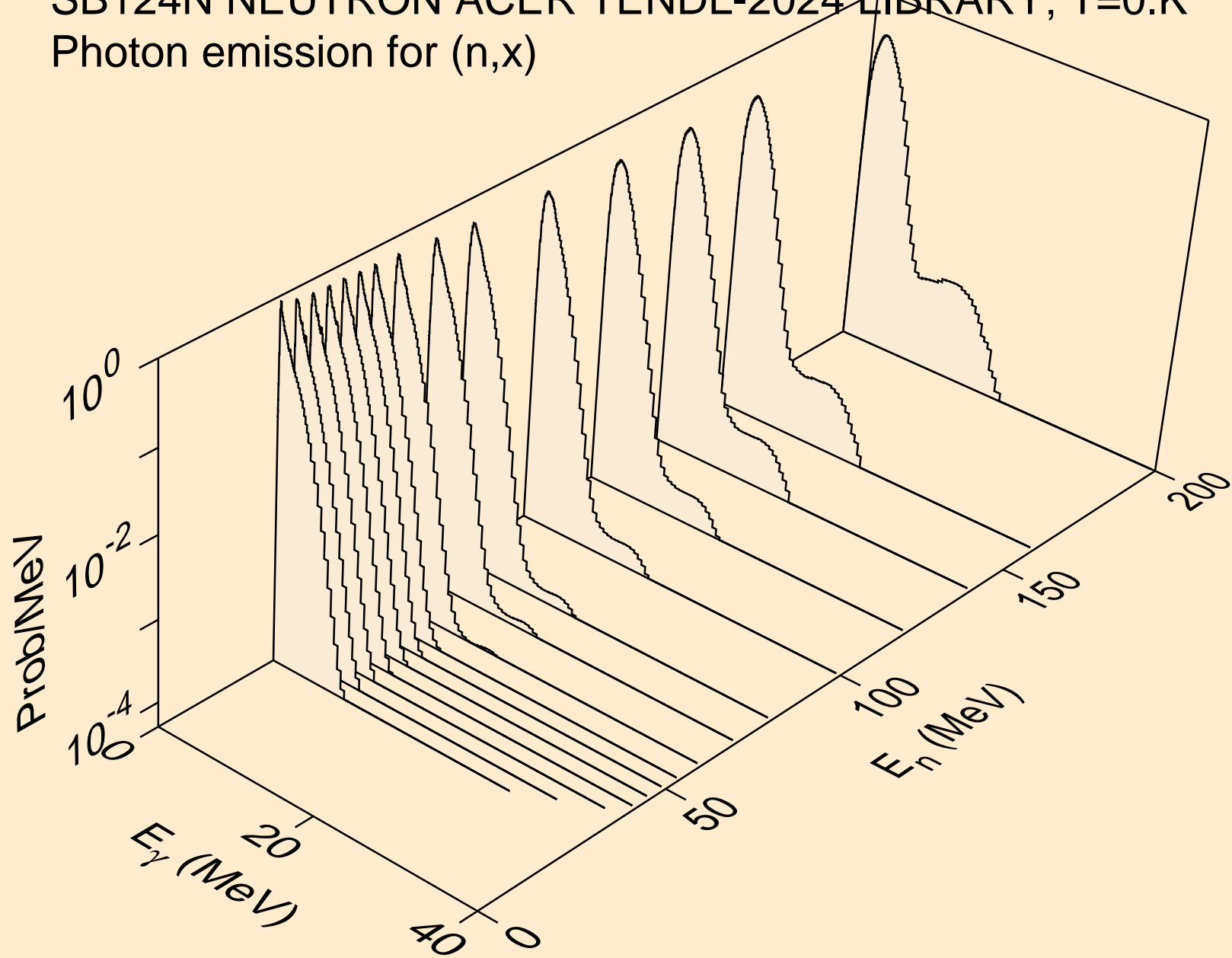
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



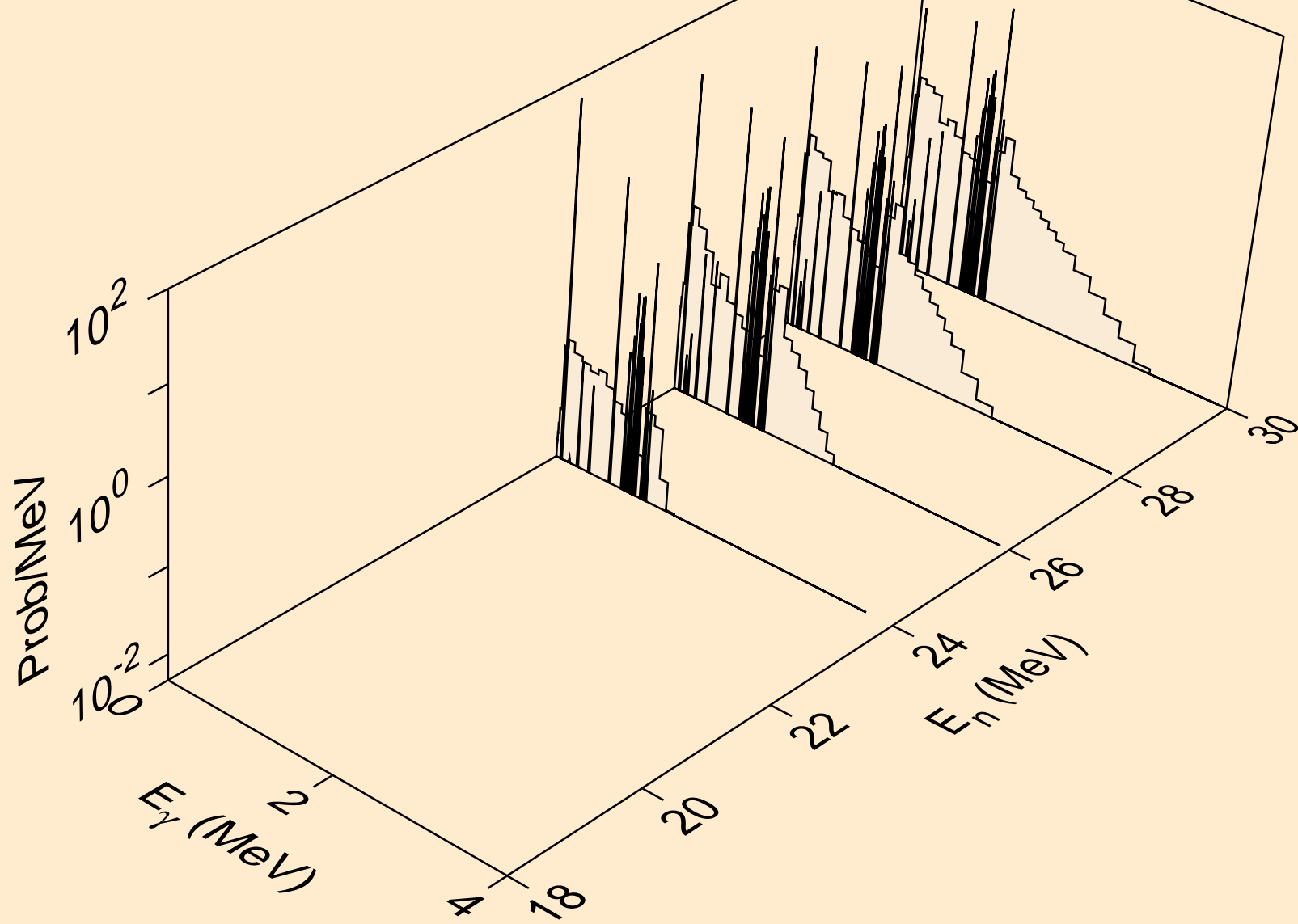
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

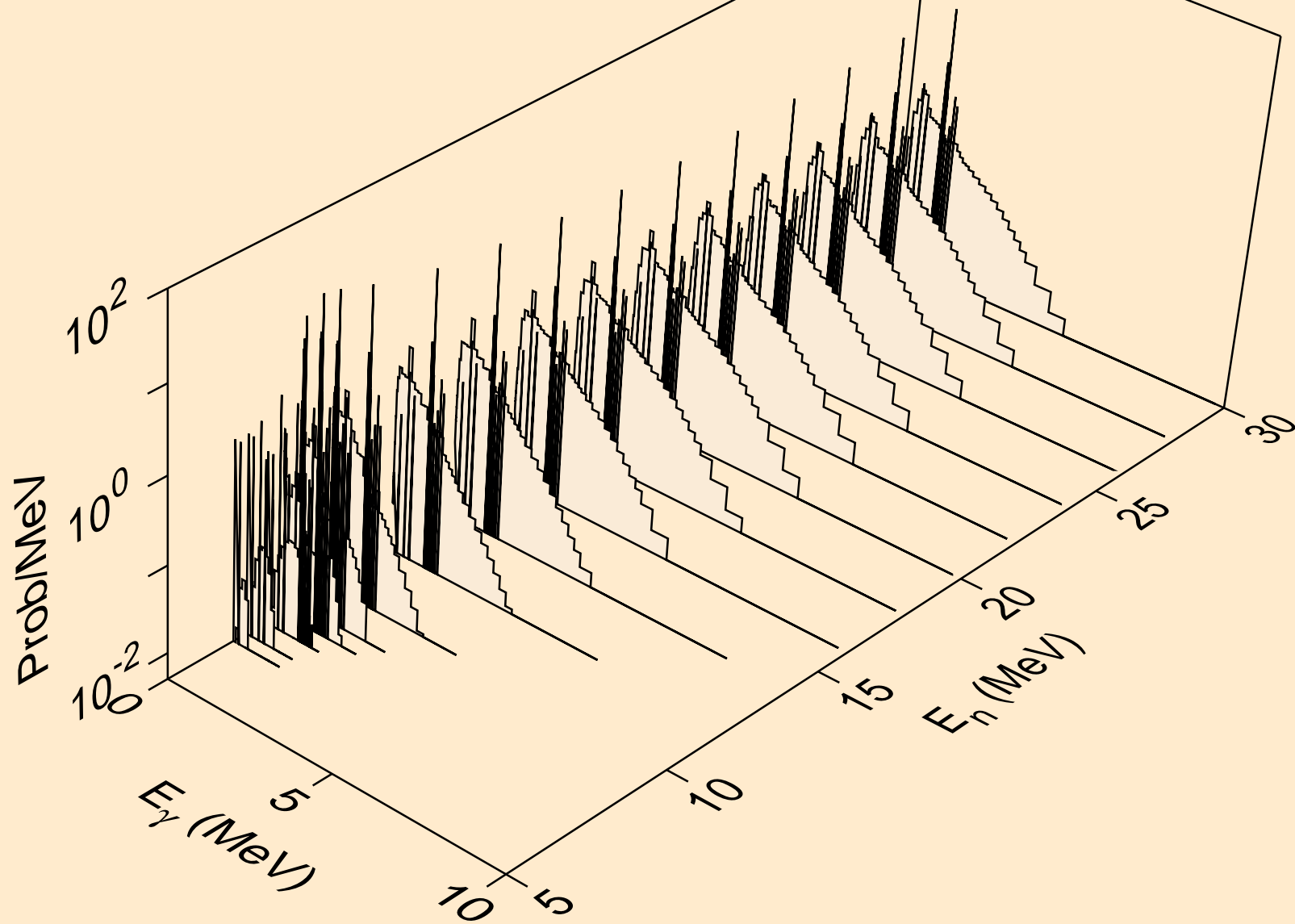


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

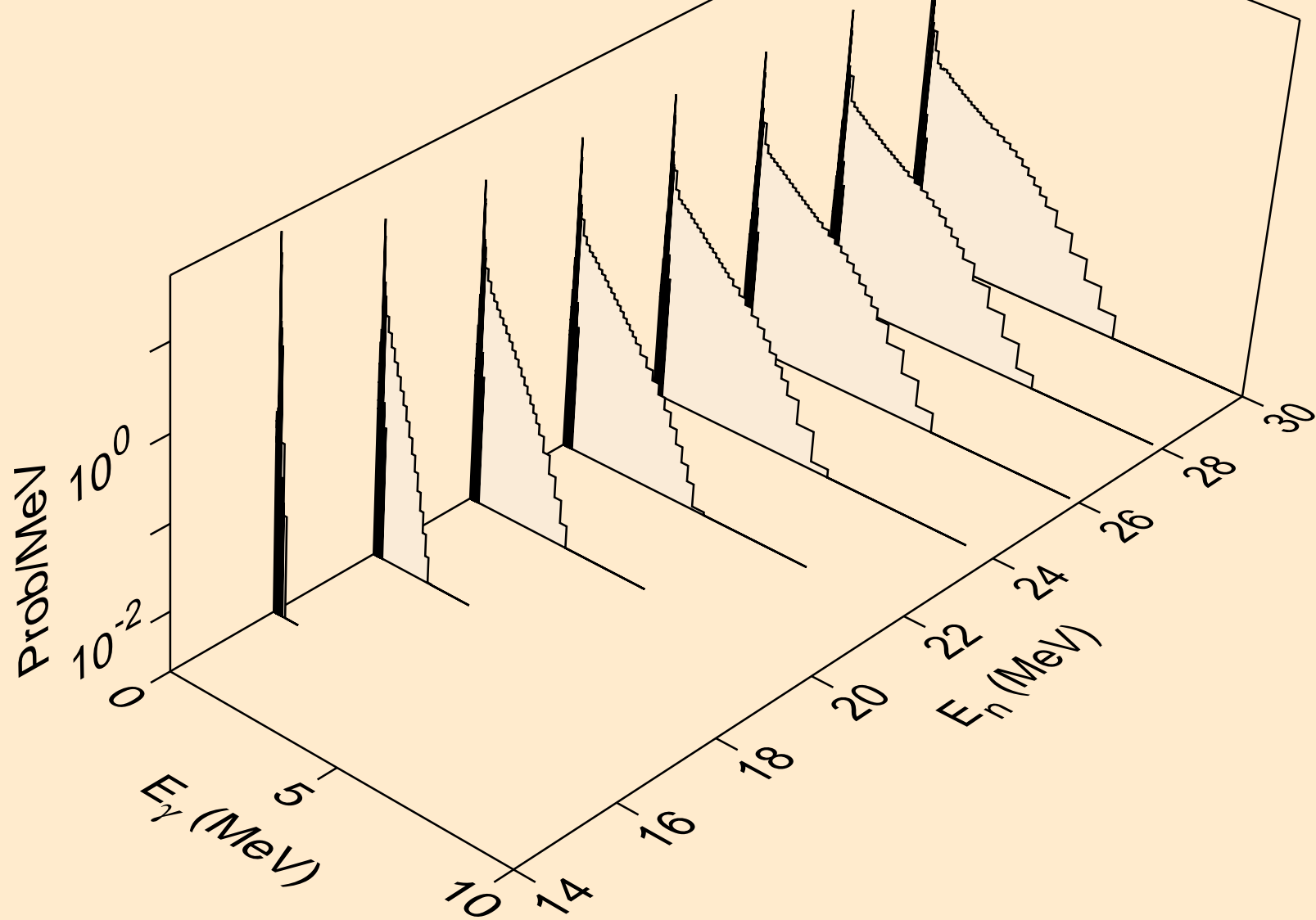




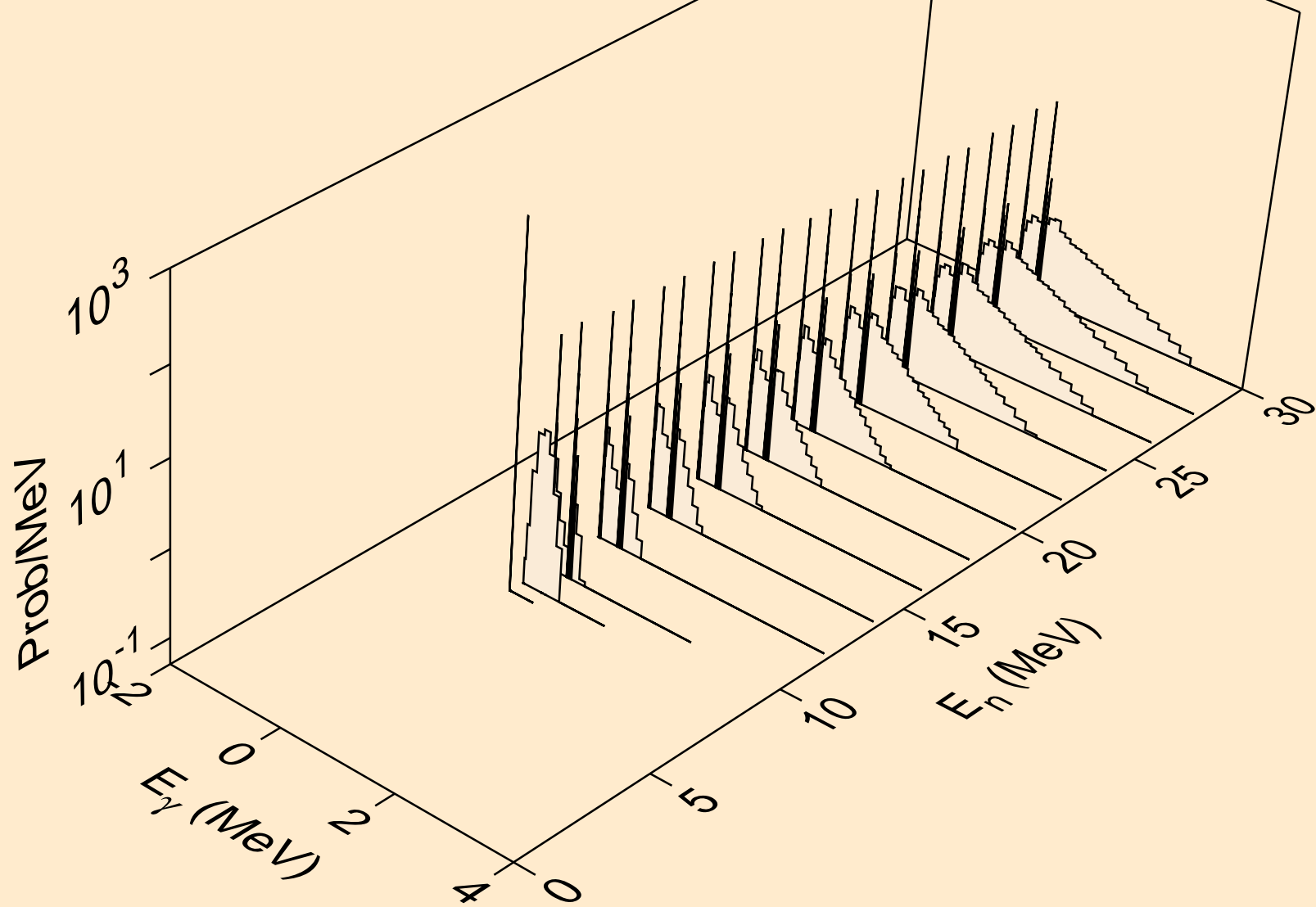
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Photon emission for (n,2n)



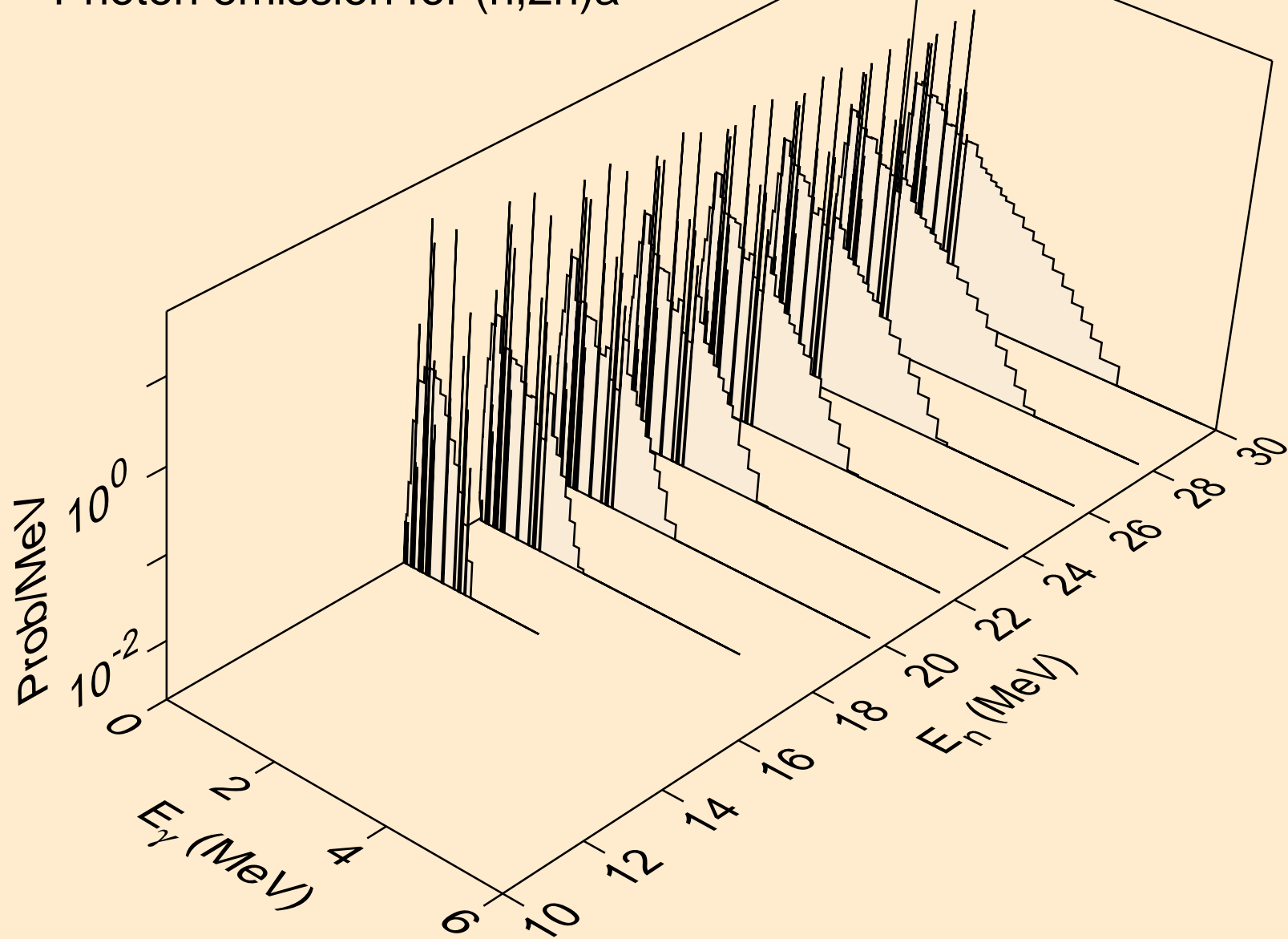
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Photon emission for (n,3n)



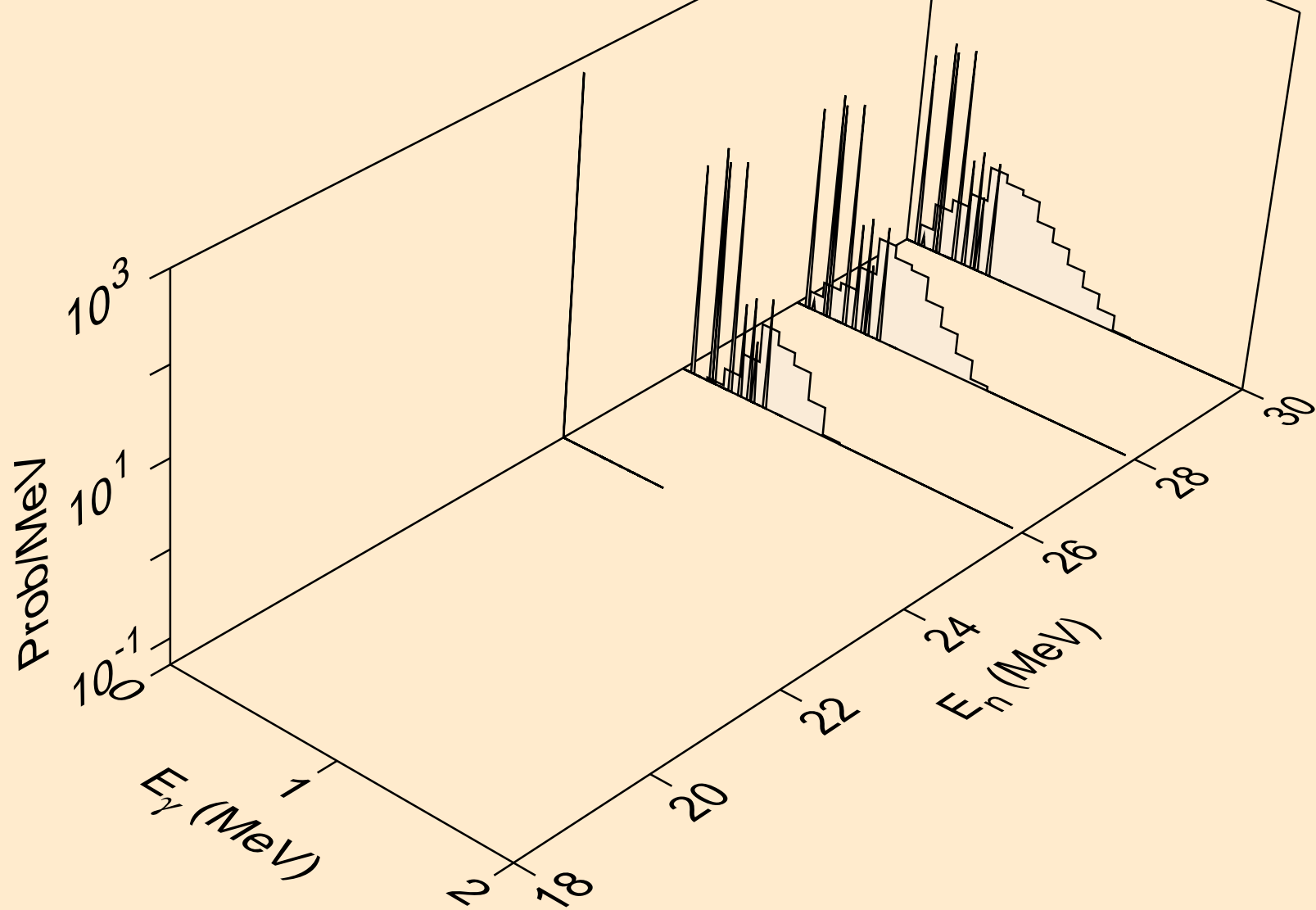
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



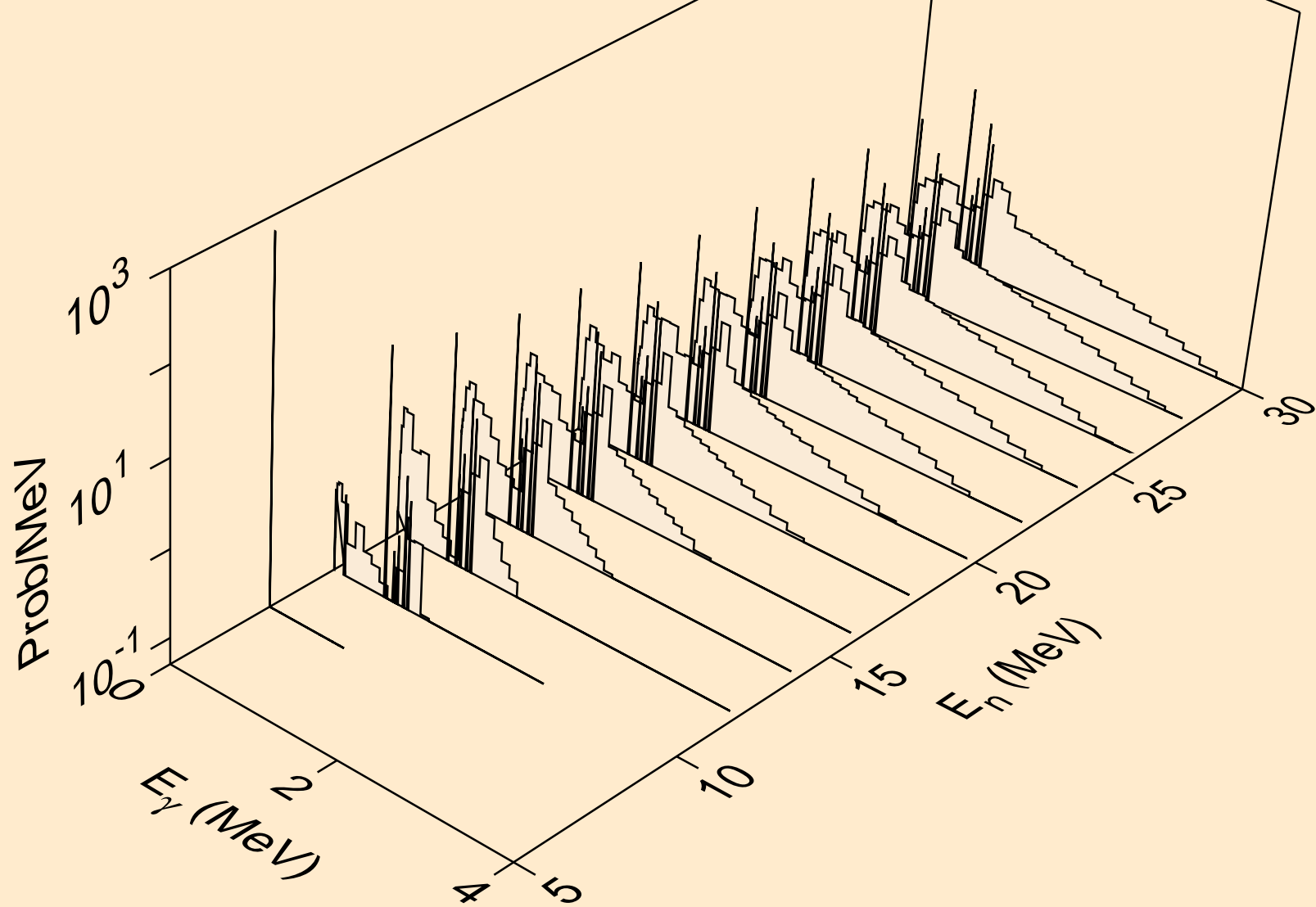
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Photon emission for (n,2n)a



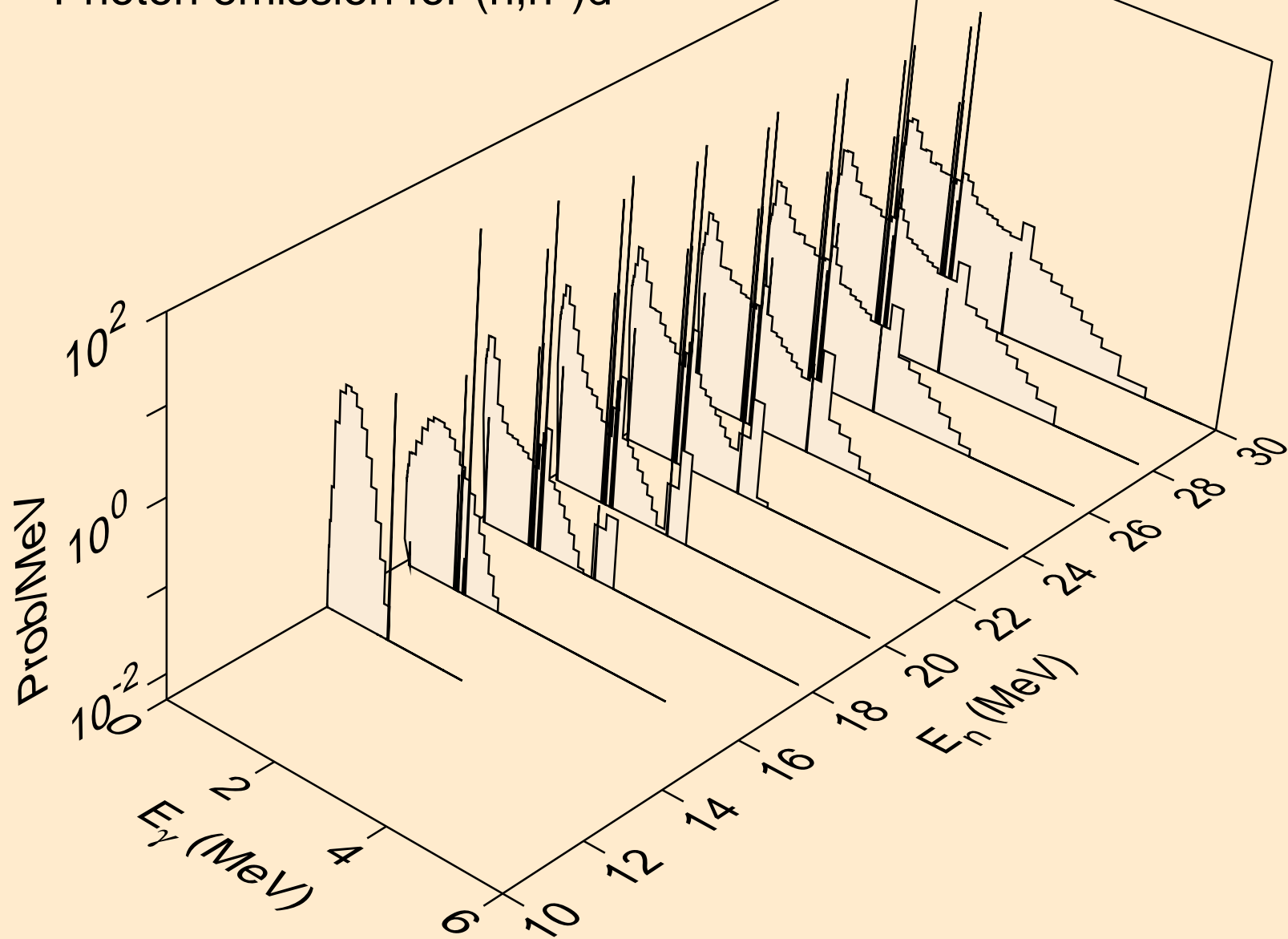
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Photon emission for (n,3n)a



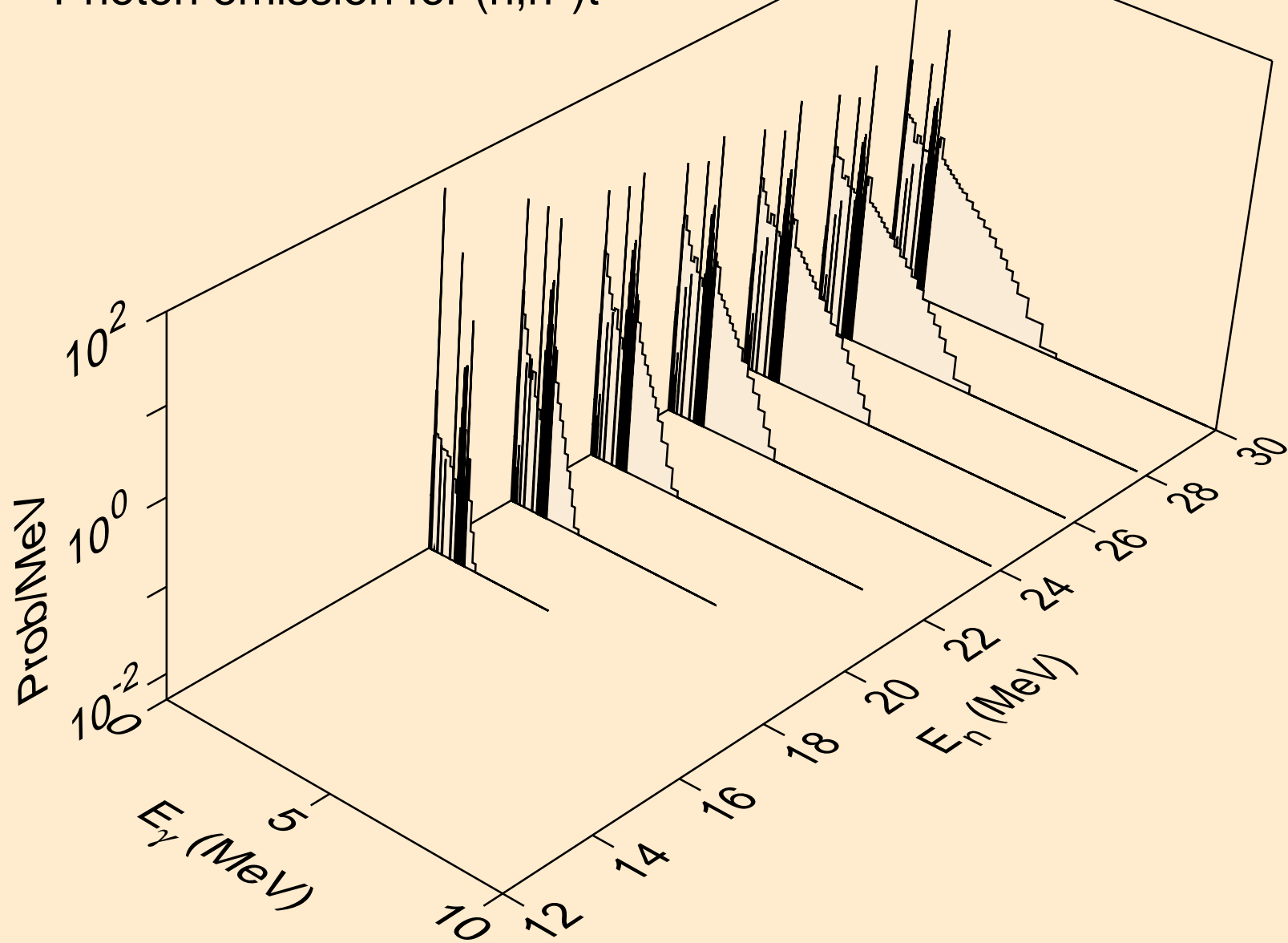
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

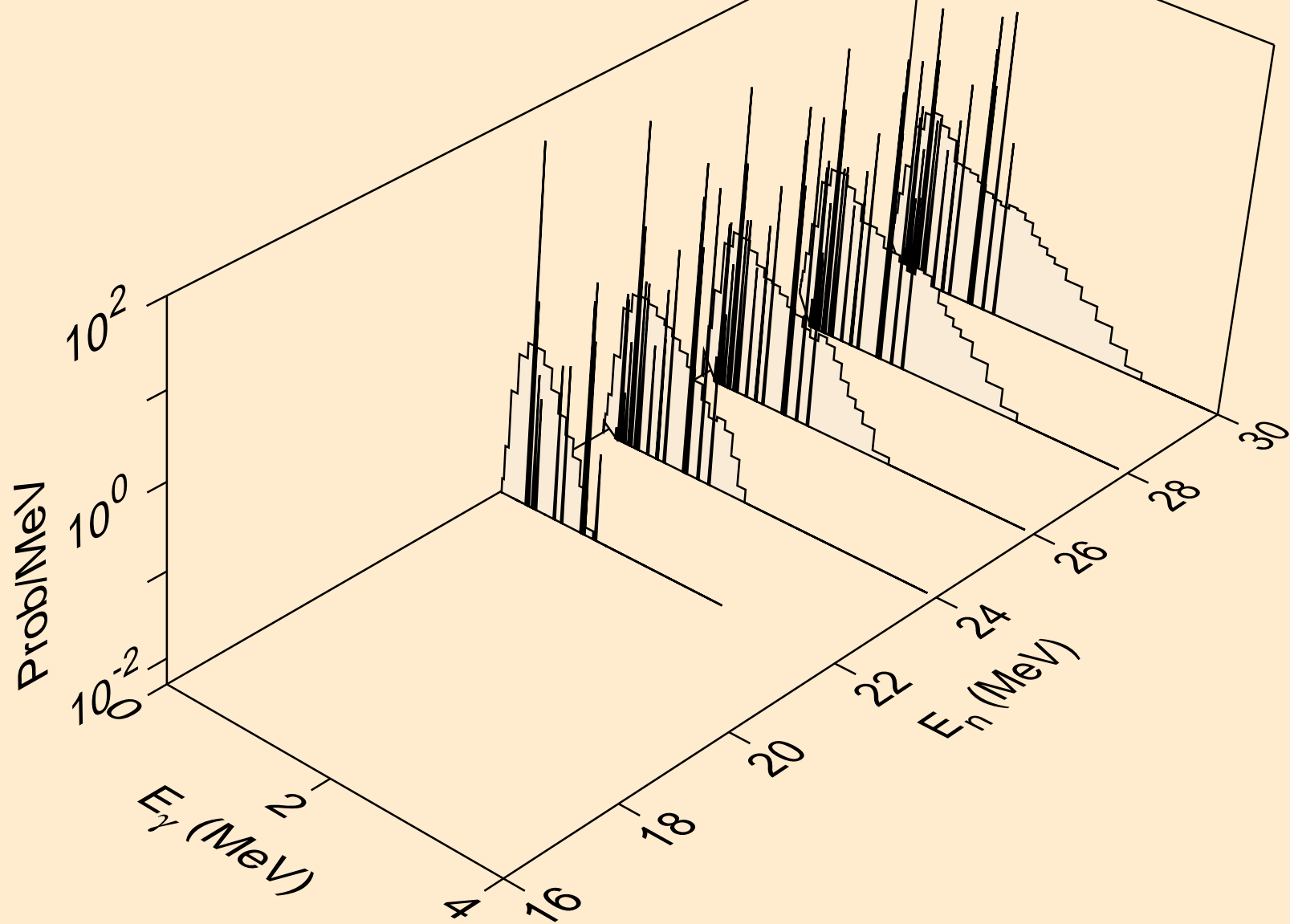


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

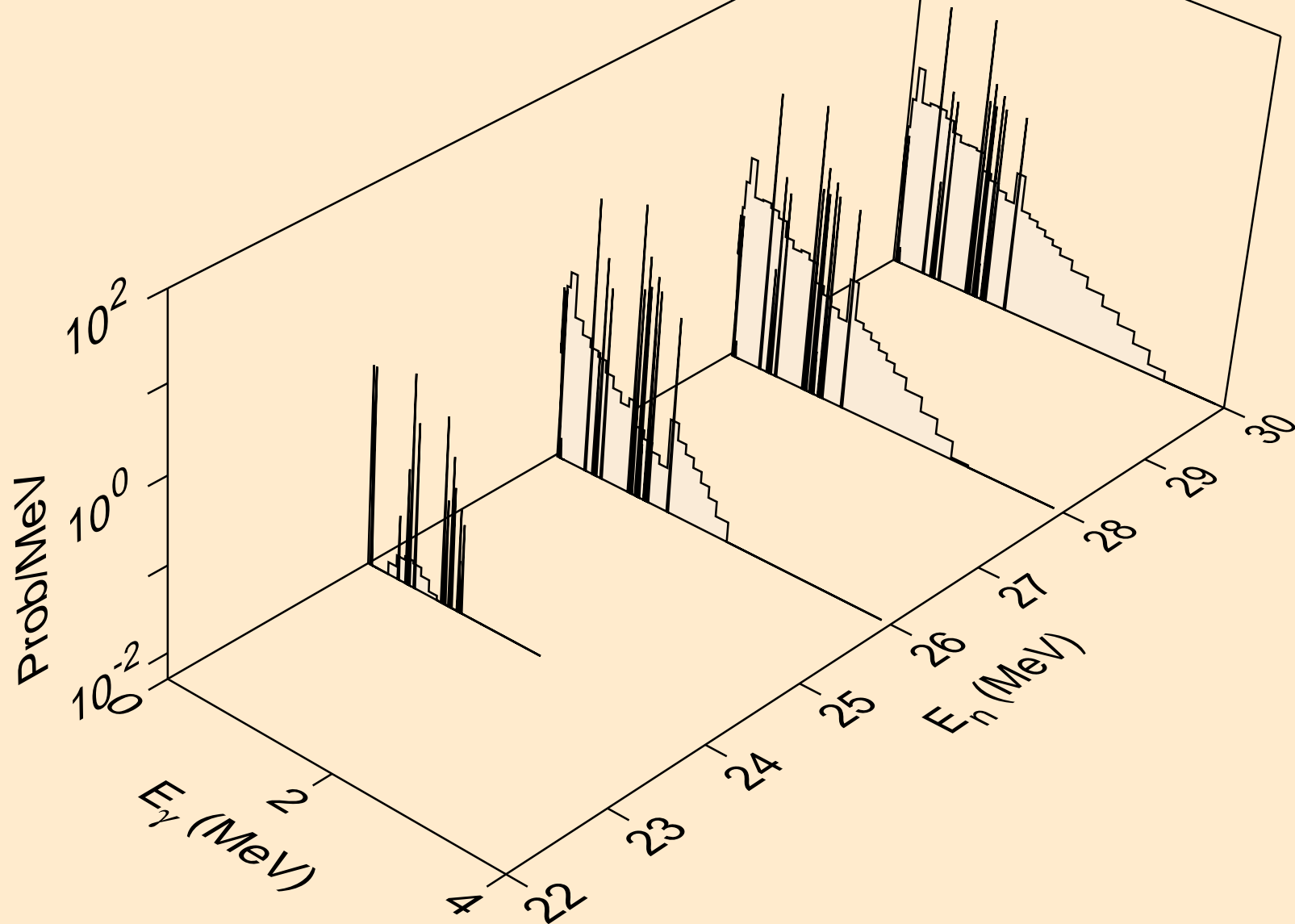




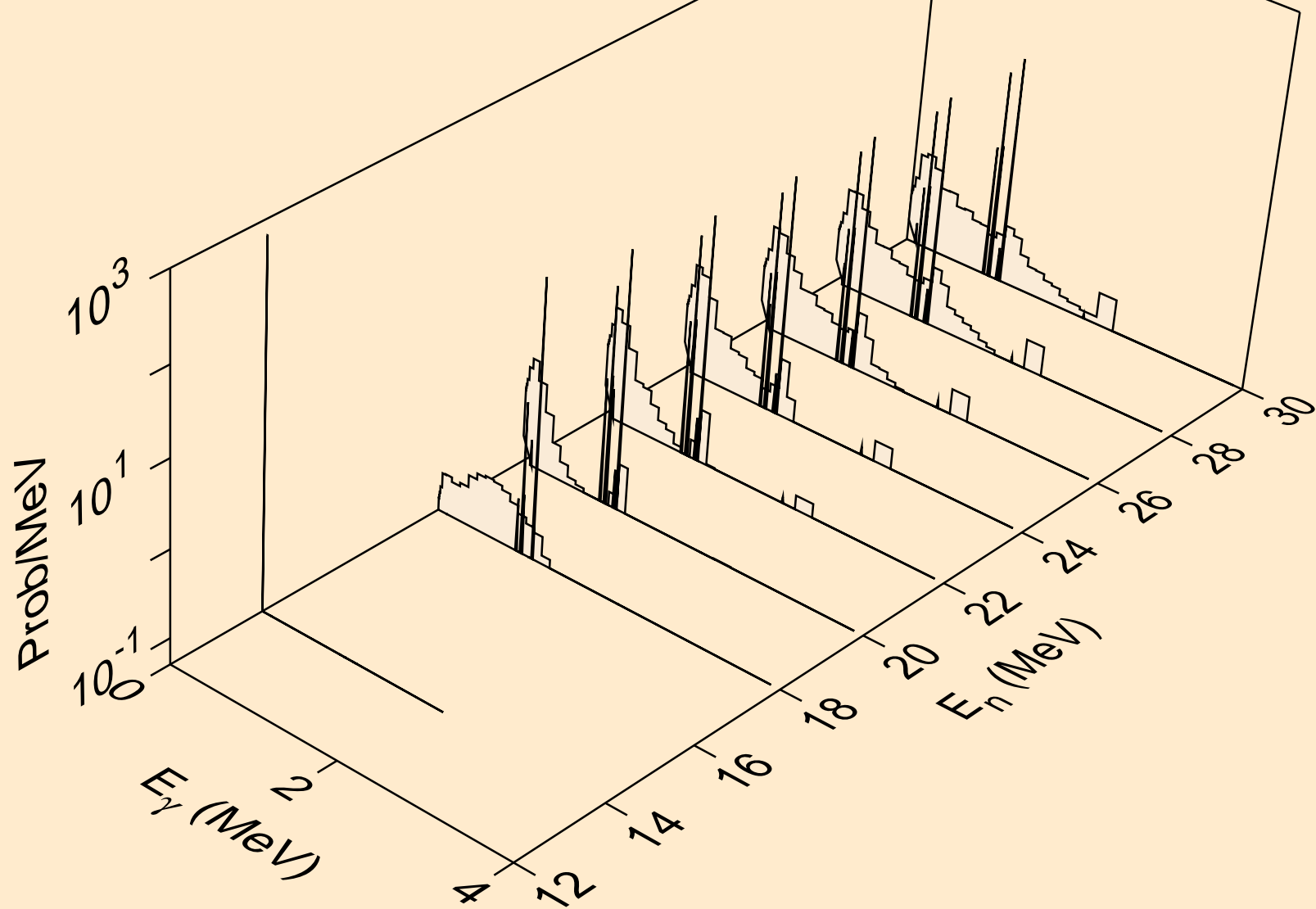
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



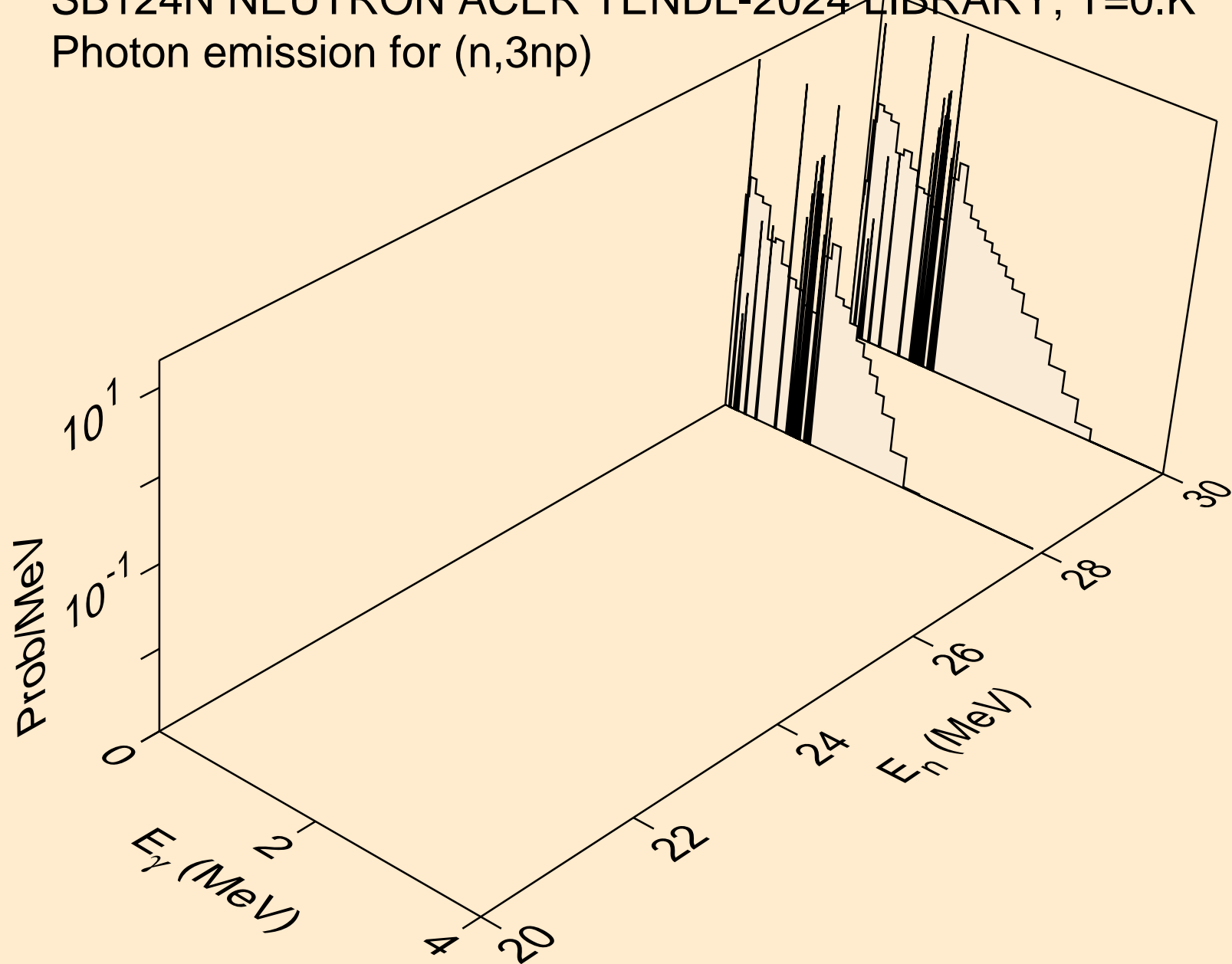
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Photon emission for (n,4n)



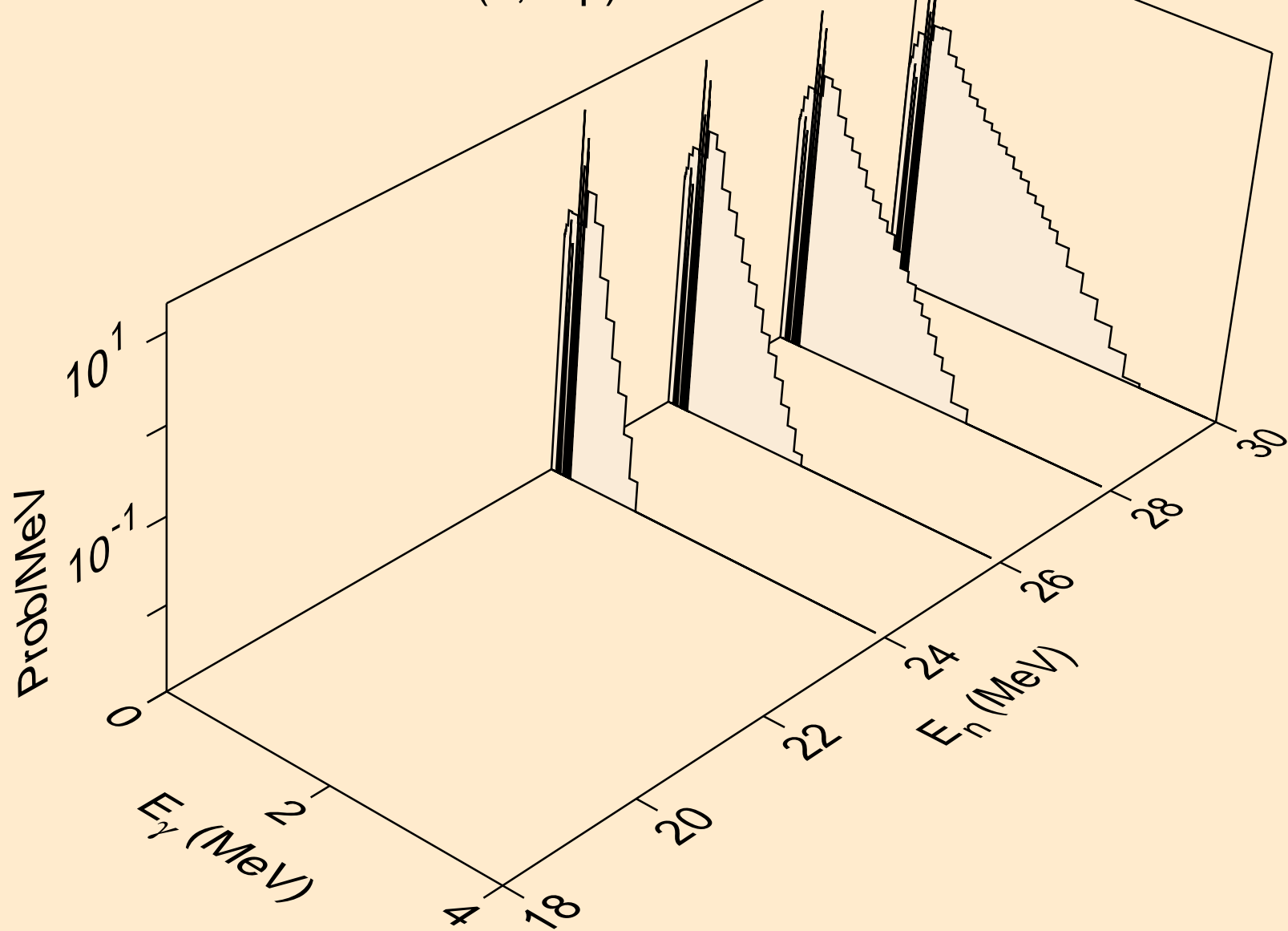
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Photon emission for (n,2np)



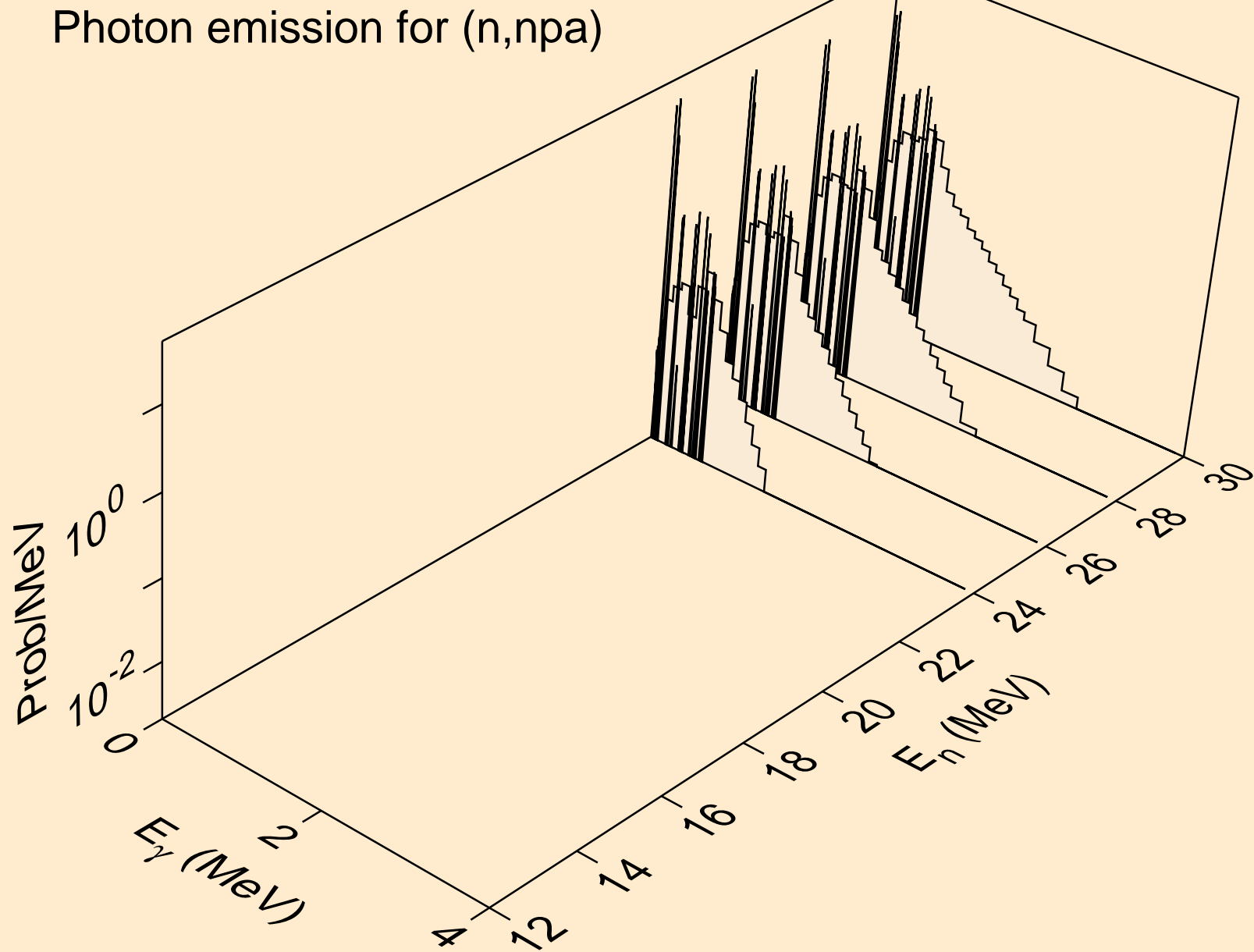
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Photon emission for (n,3np)



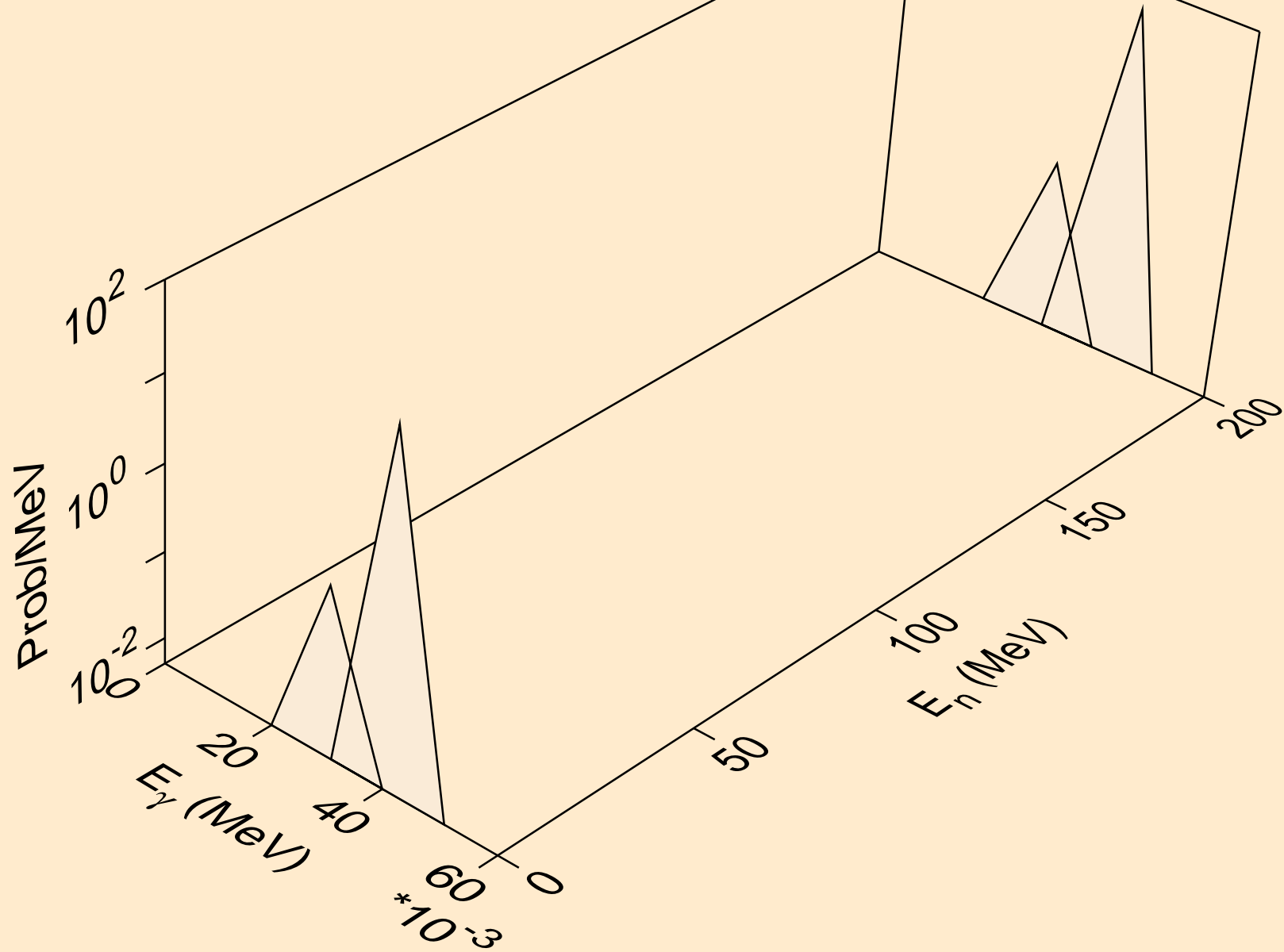
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Photon emission for (n,n2p)



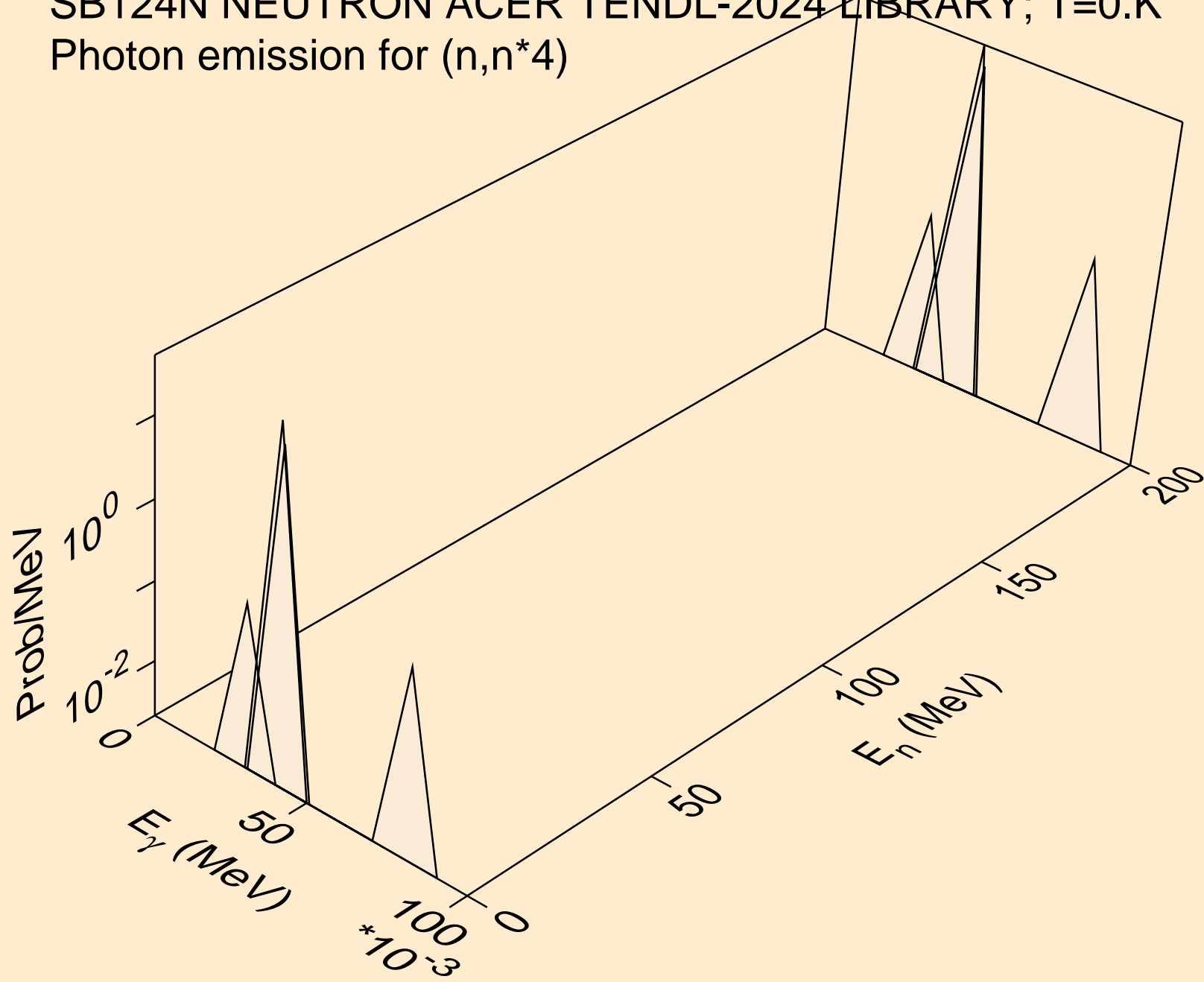
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*3)

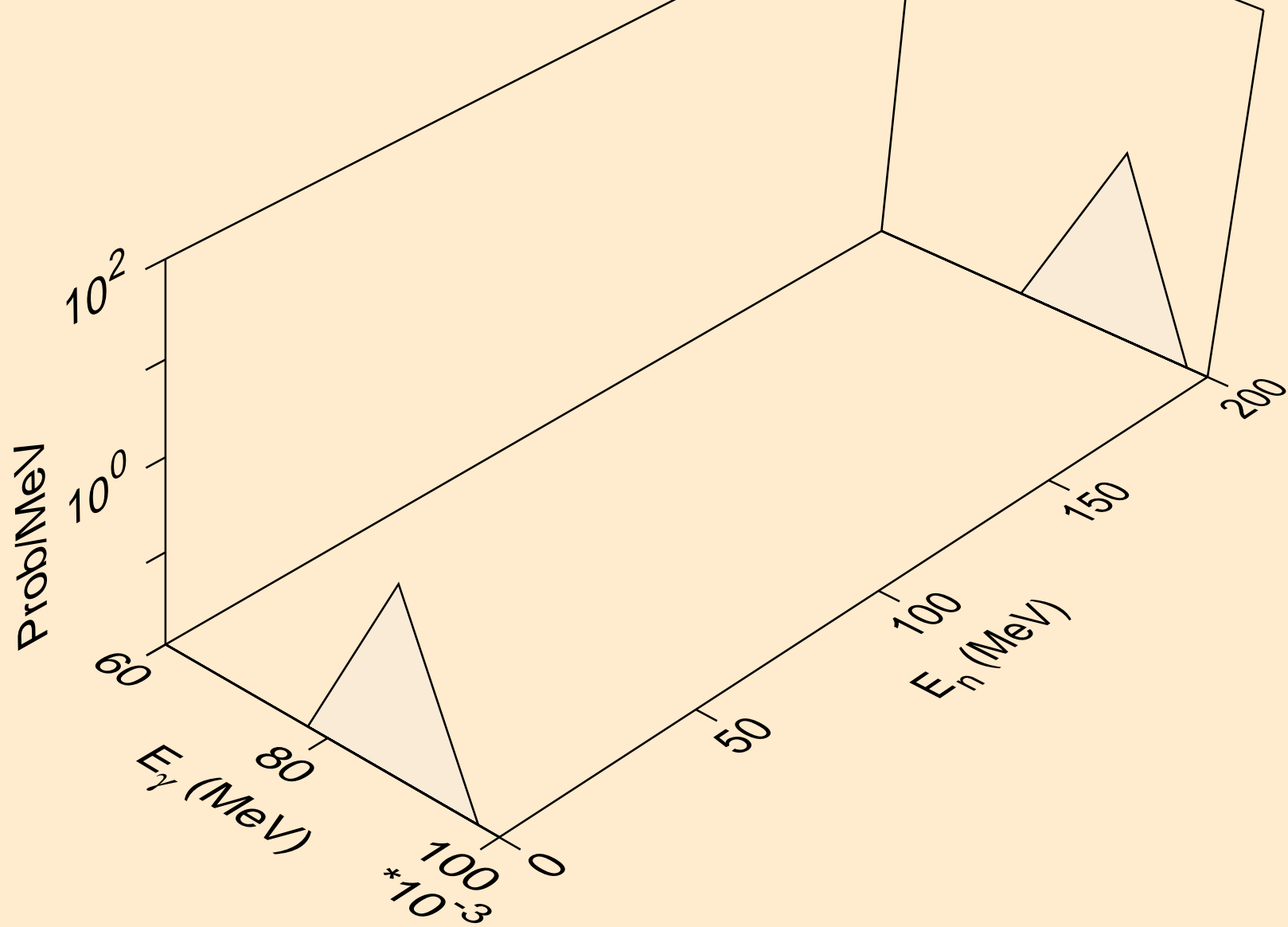


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*4)

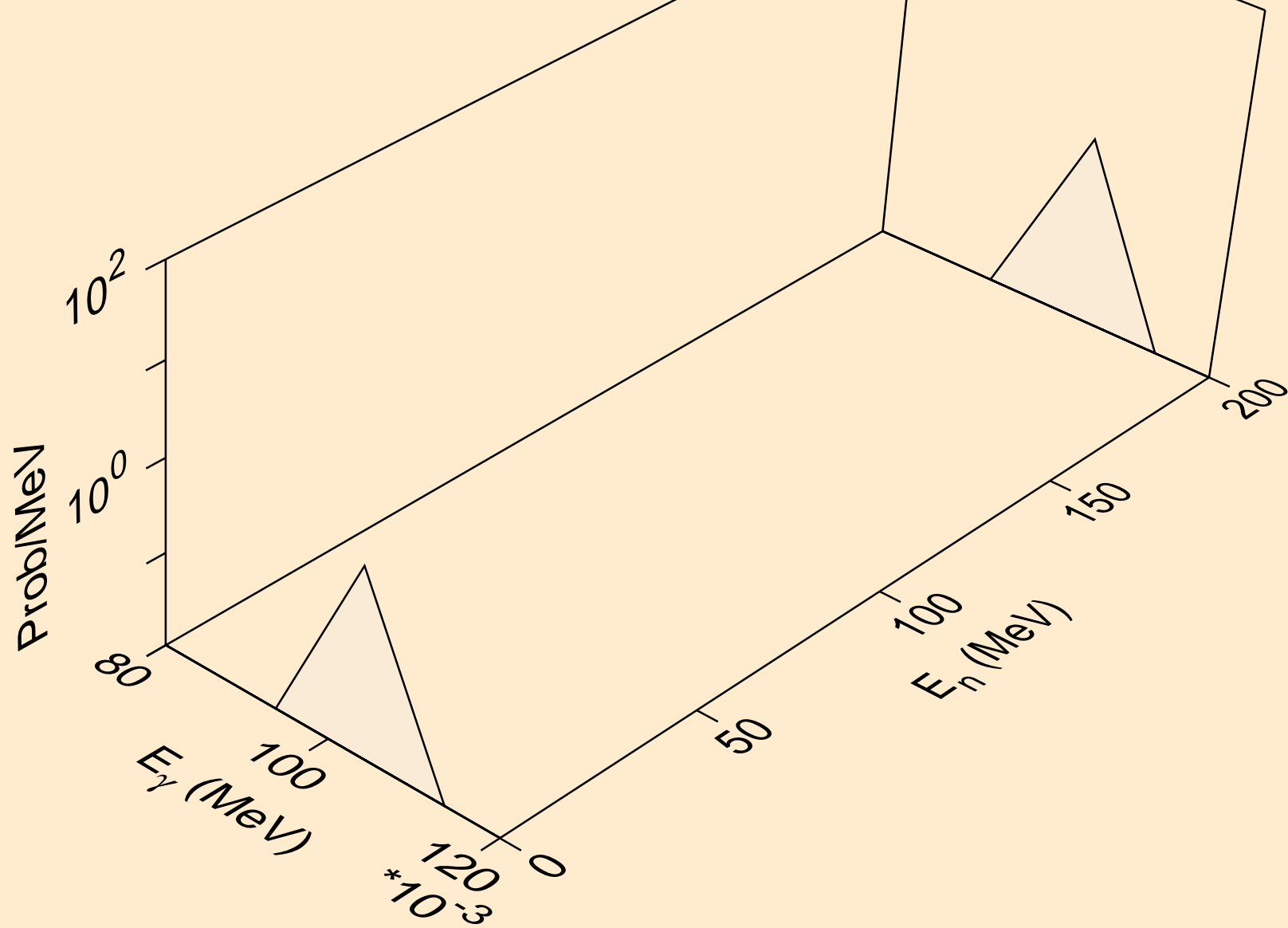




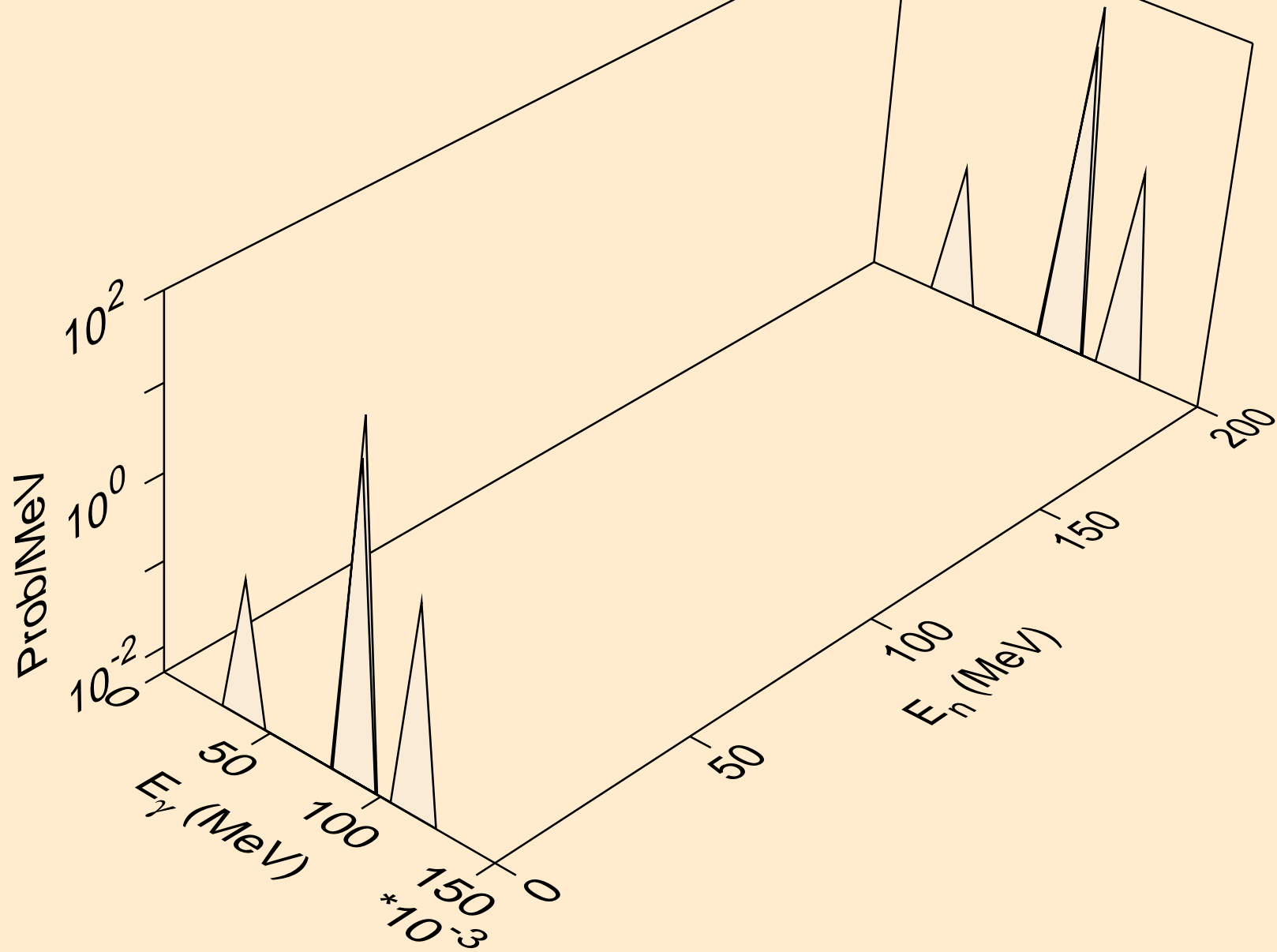
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Photon emission for (n,n\*5)



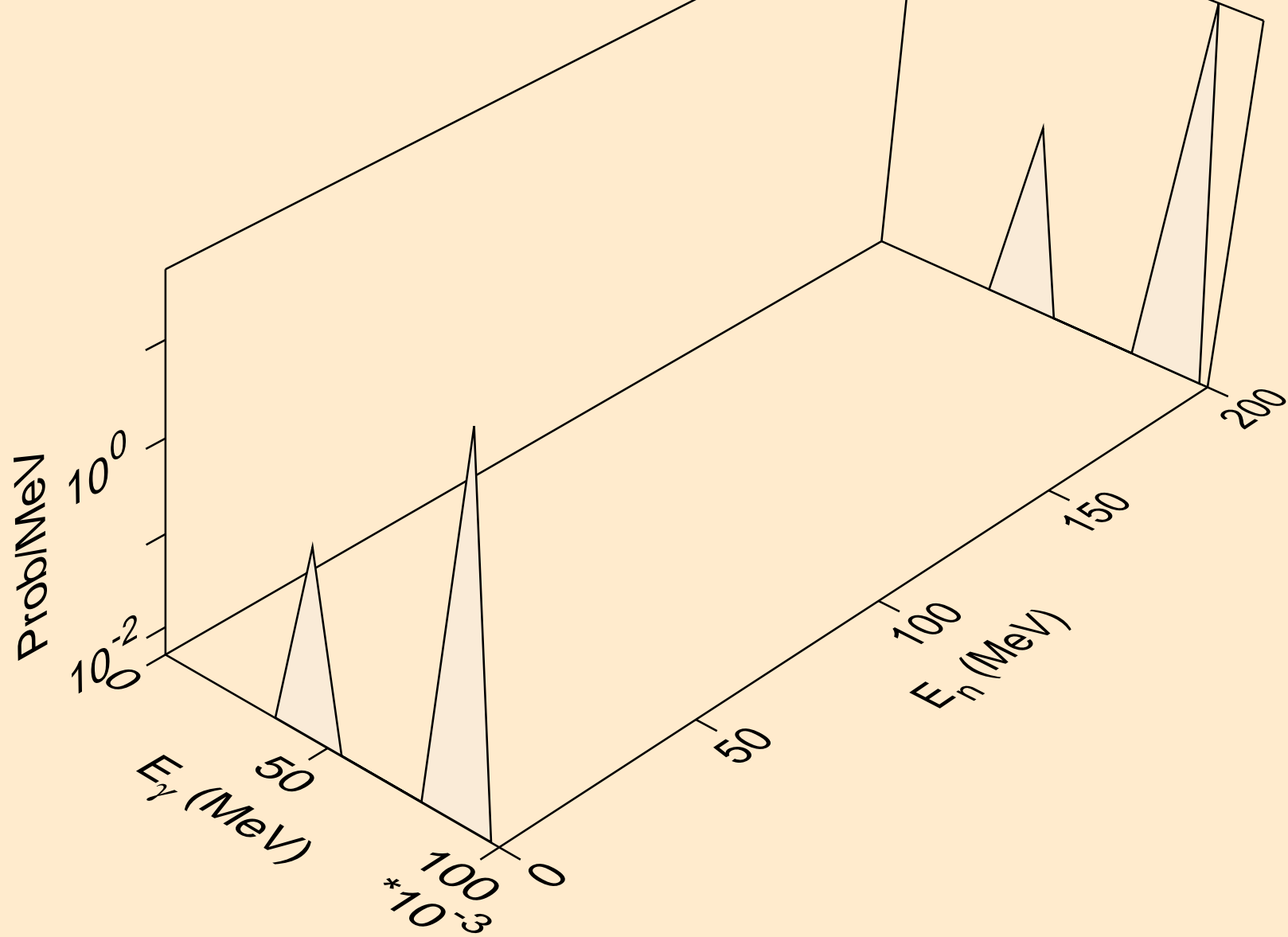
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Photon emission for (n,n\*6)



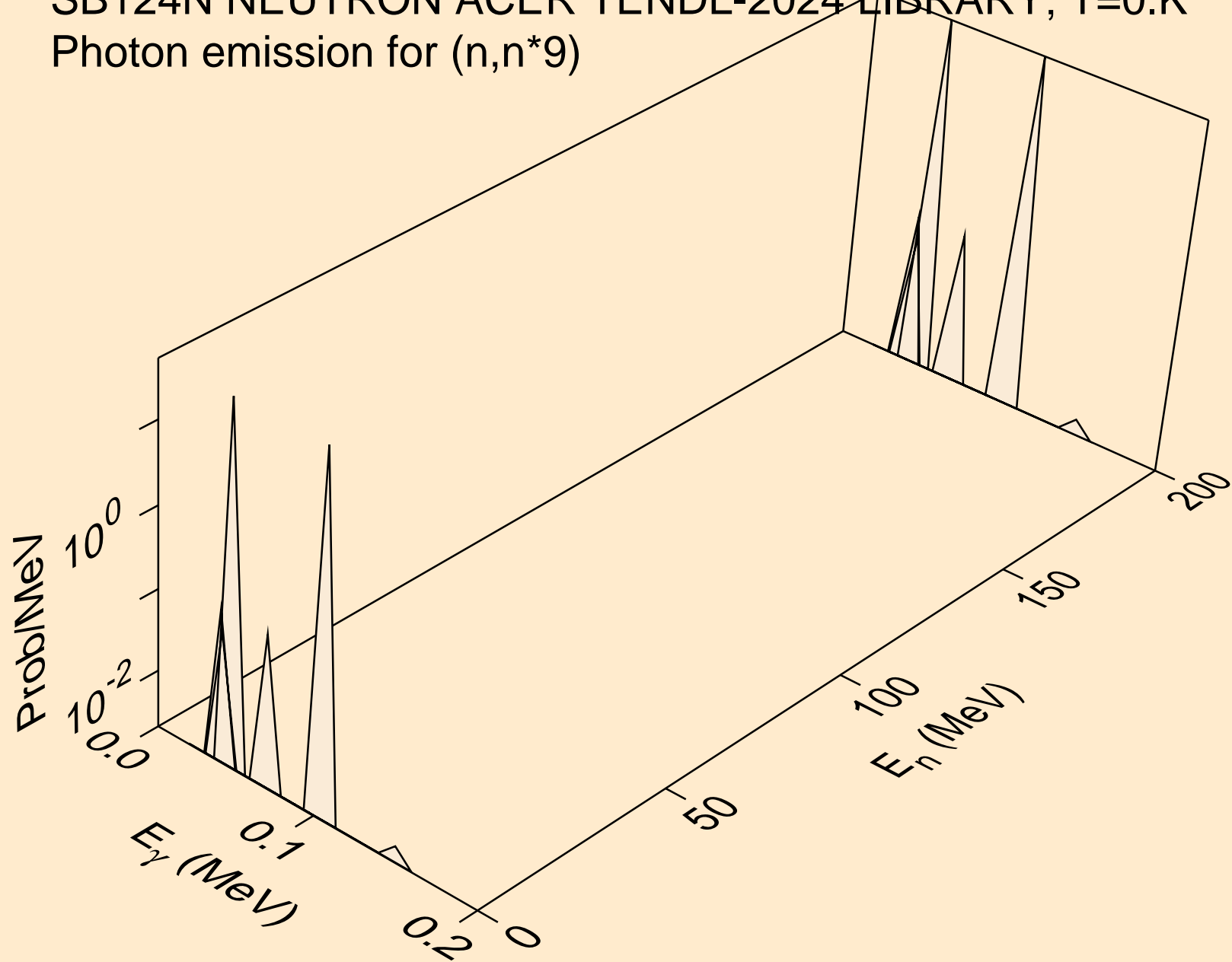
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Photon emission for (n,n\*7)



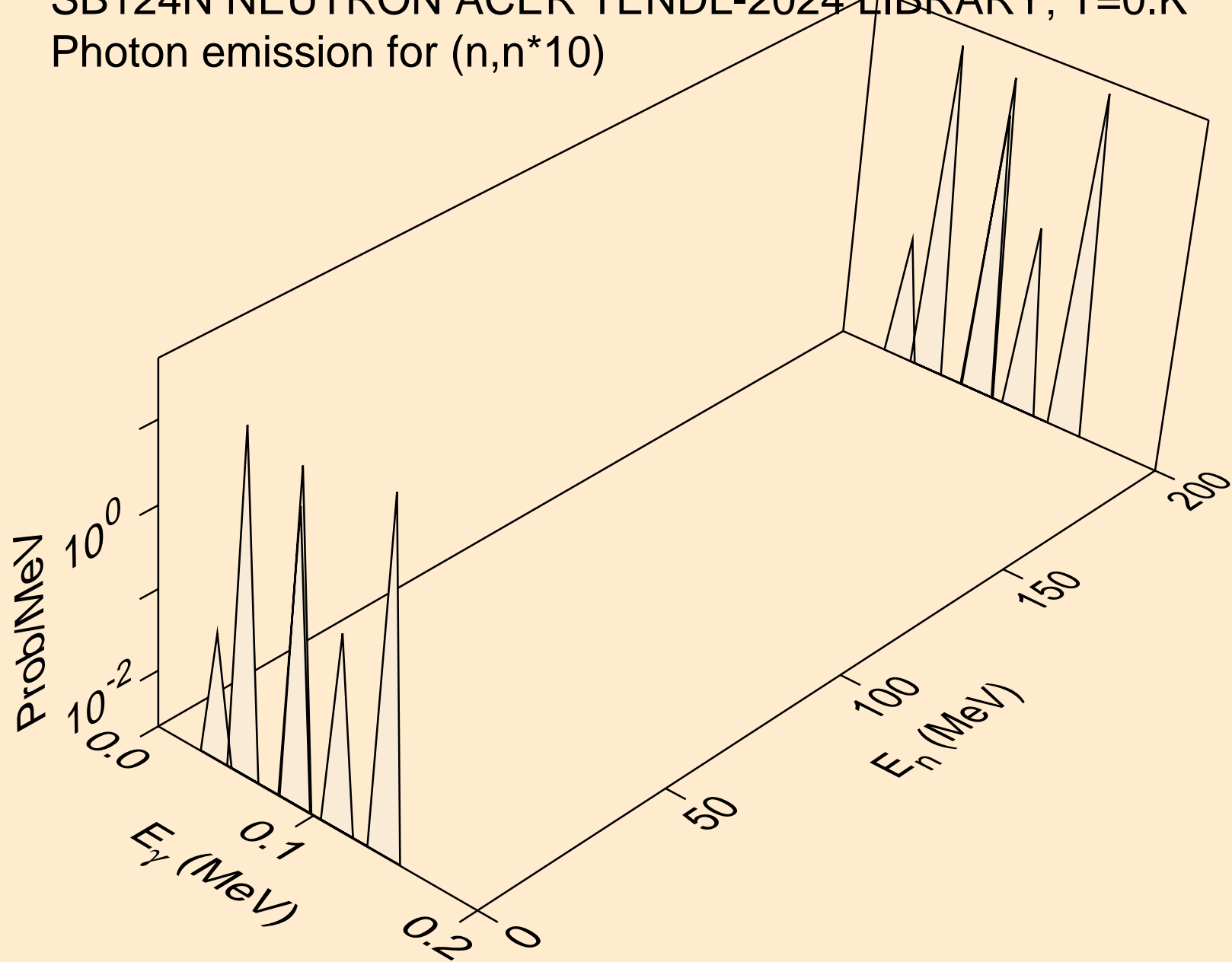
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Photon emission for (n,n\*8)



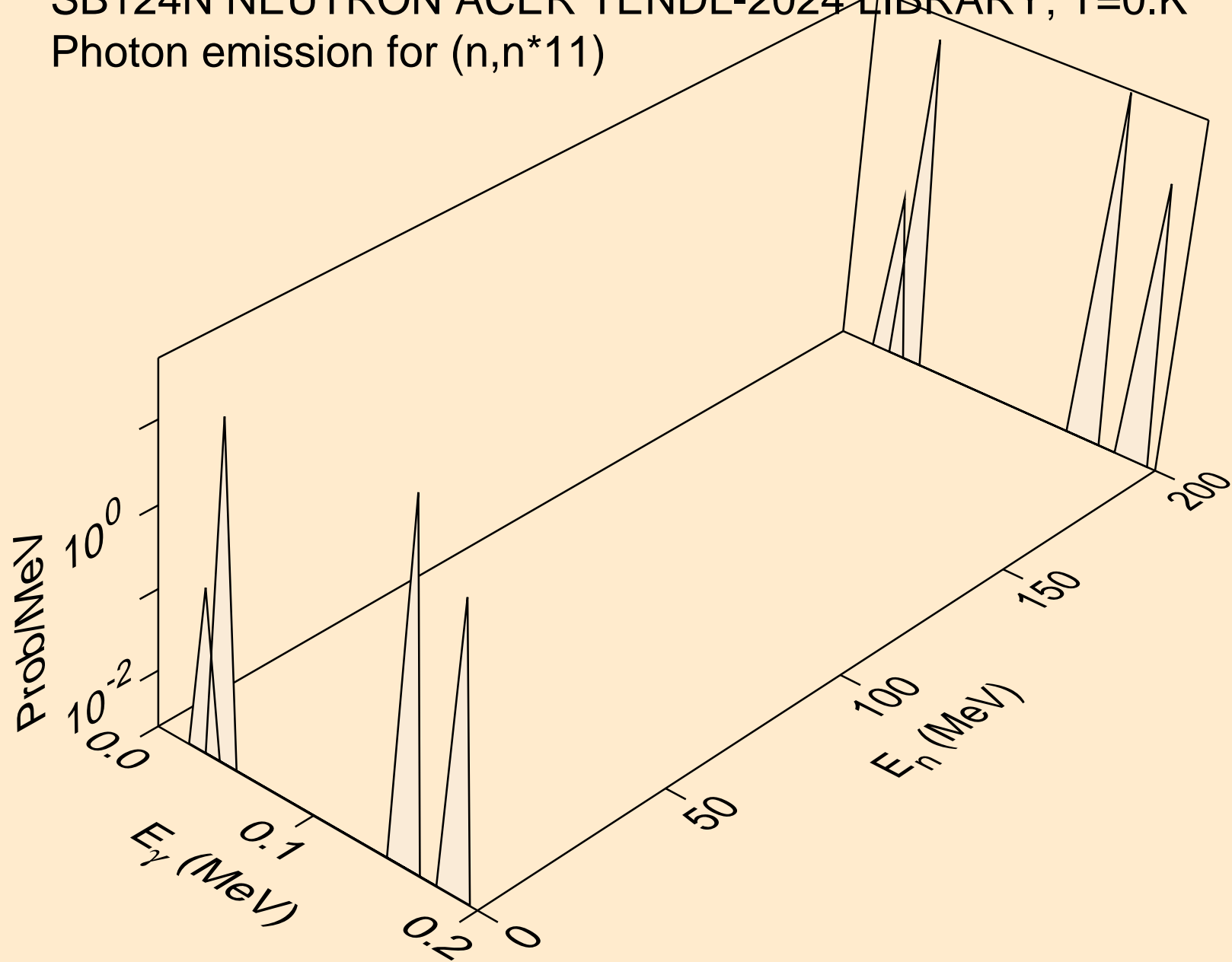
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Photon emission for (n,n\*9)



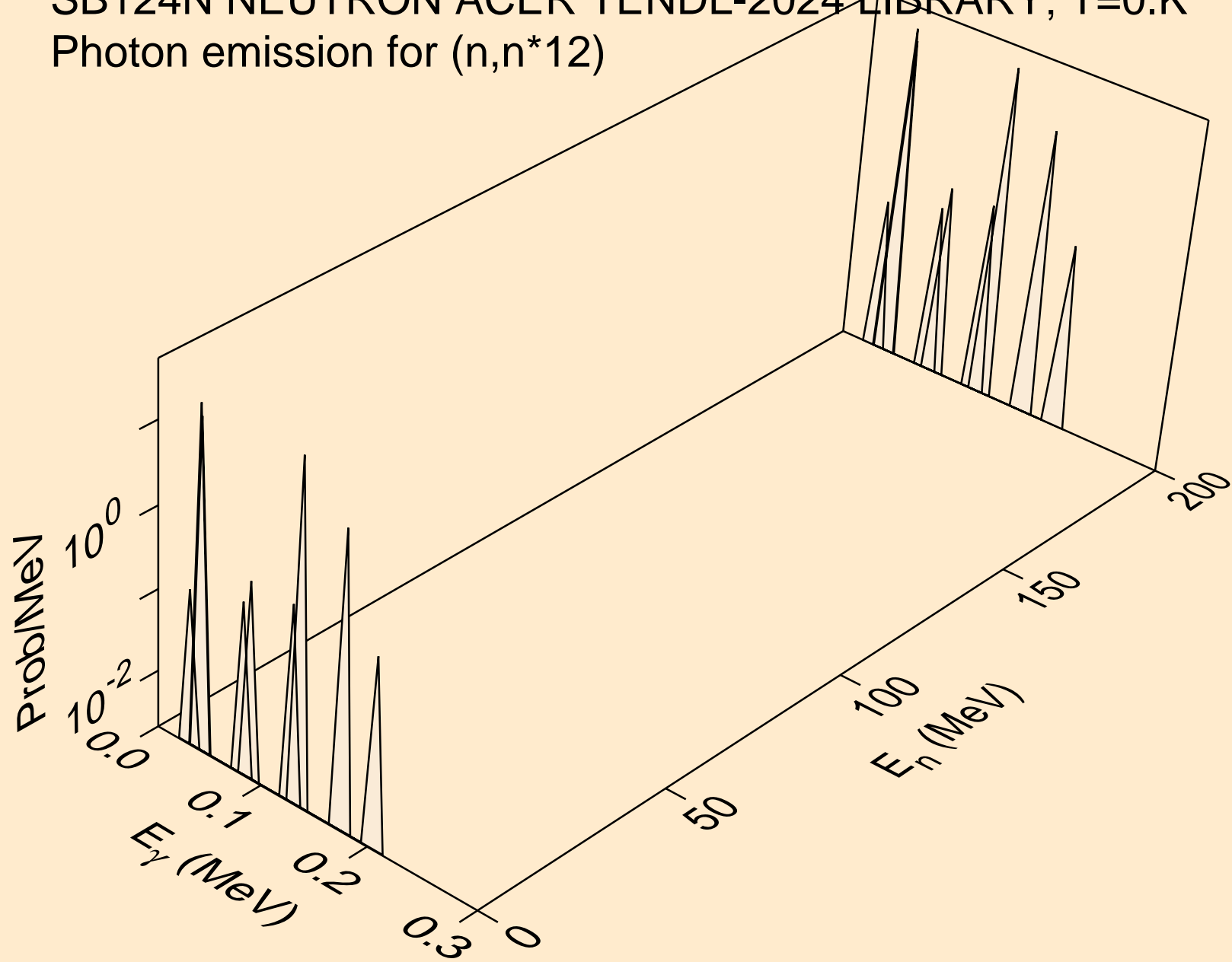
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*10)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*11)

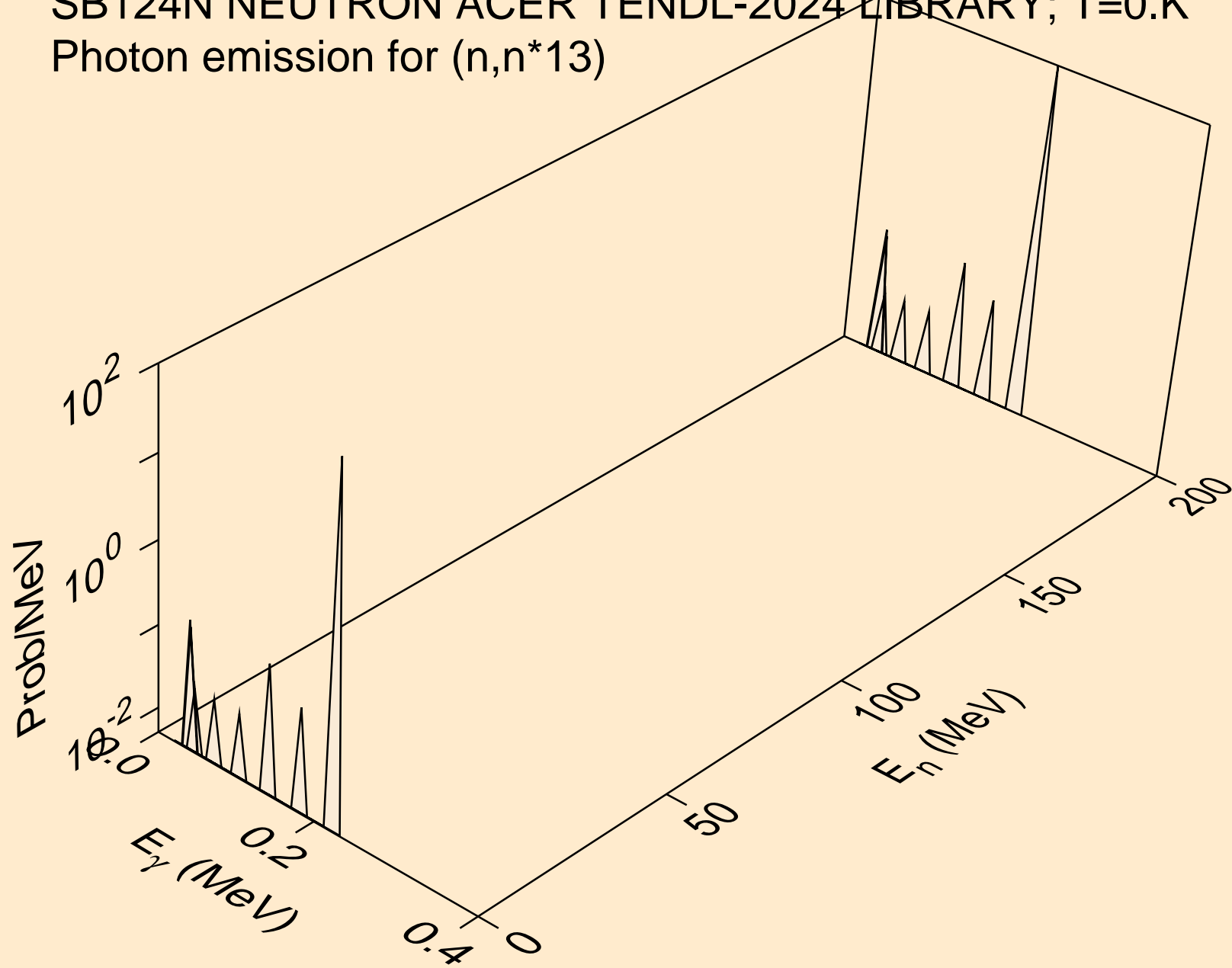


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Photon emission for (n,n\*12)

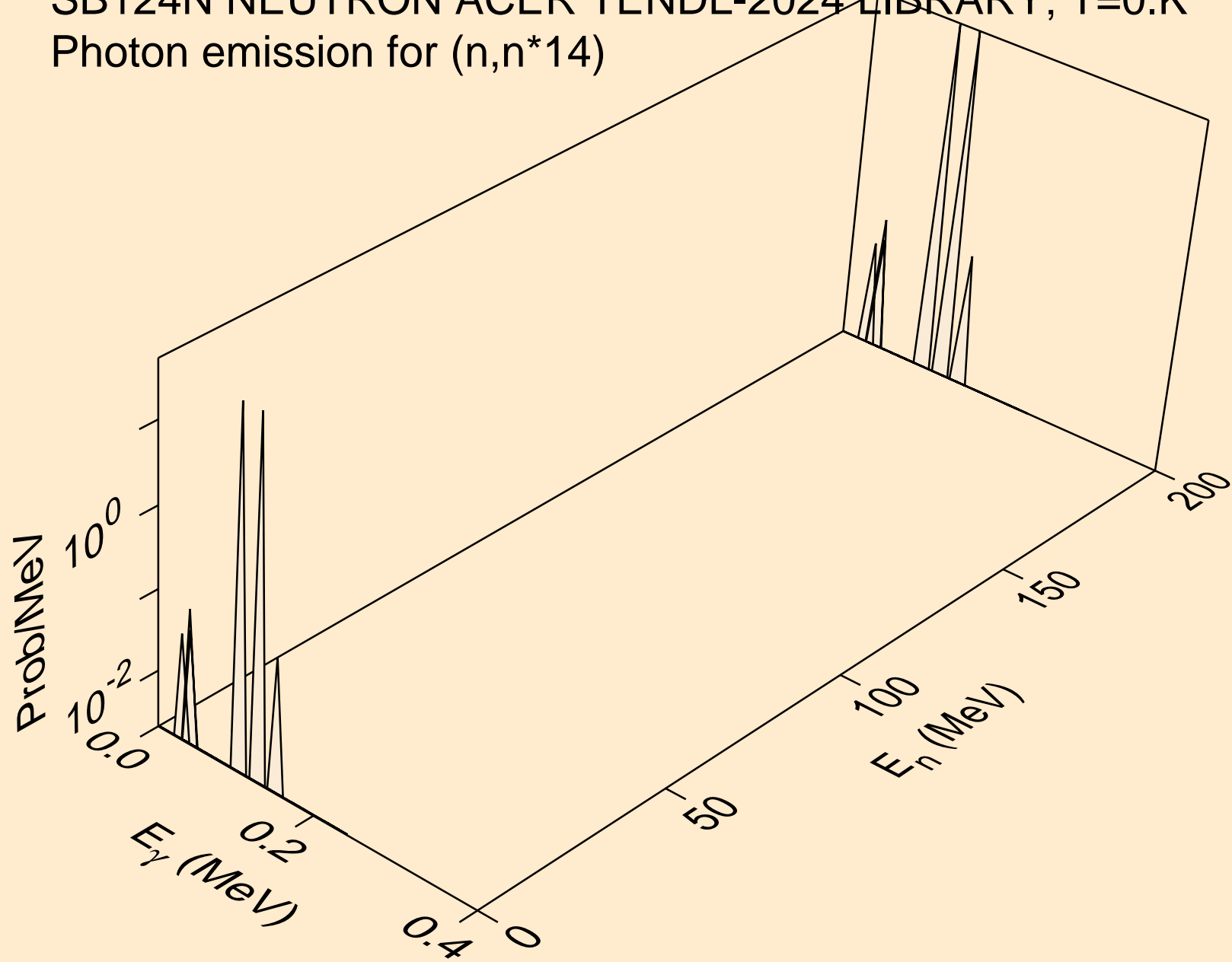




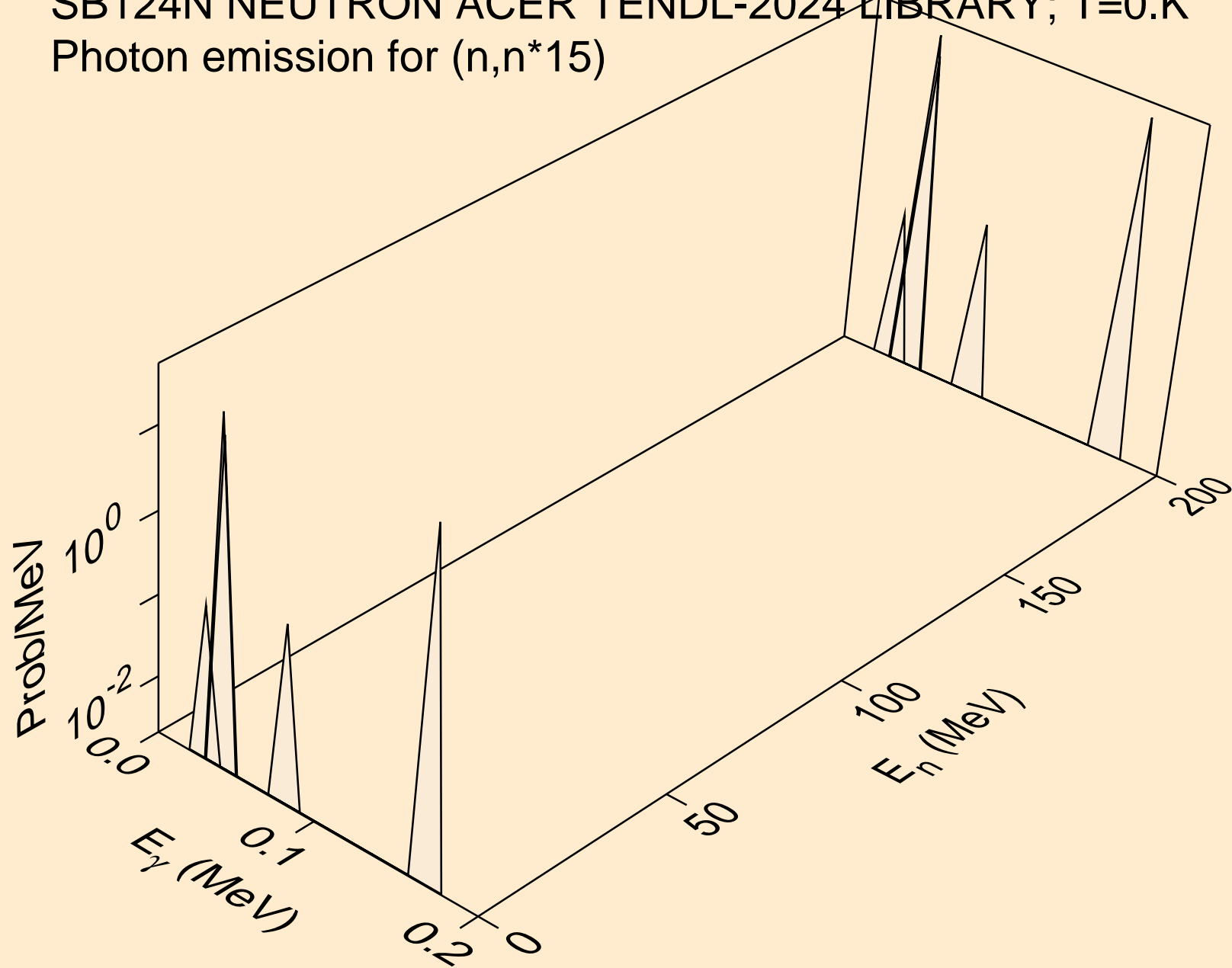
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Photon emission for (n,n\*13)



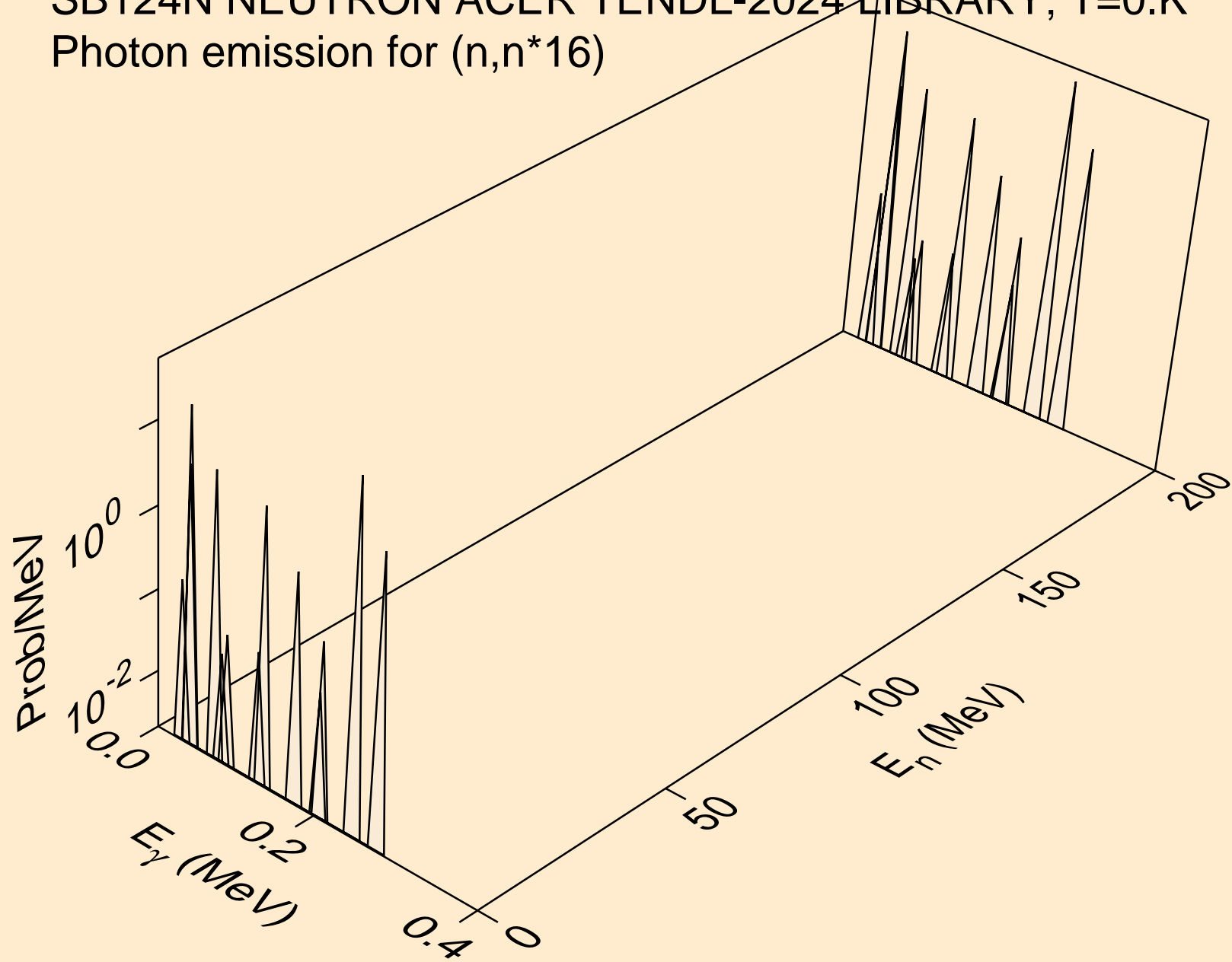
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Photon emission for (n,n\*14)



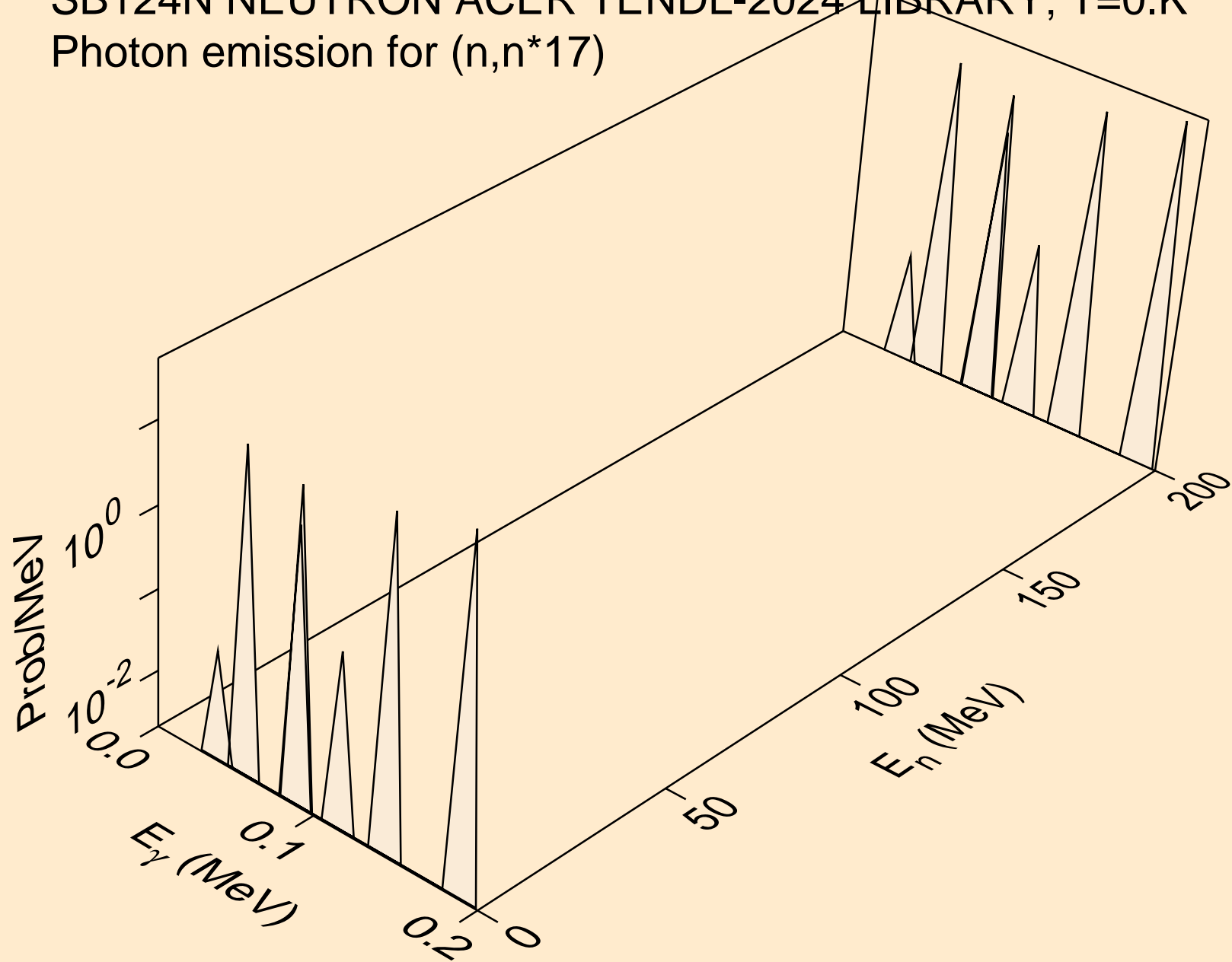
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Photon emission for (n,n\*15)



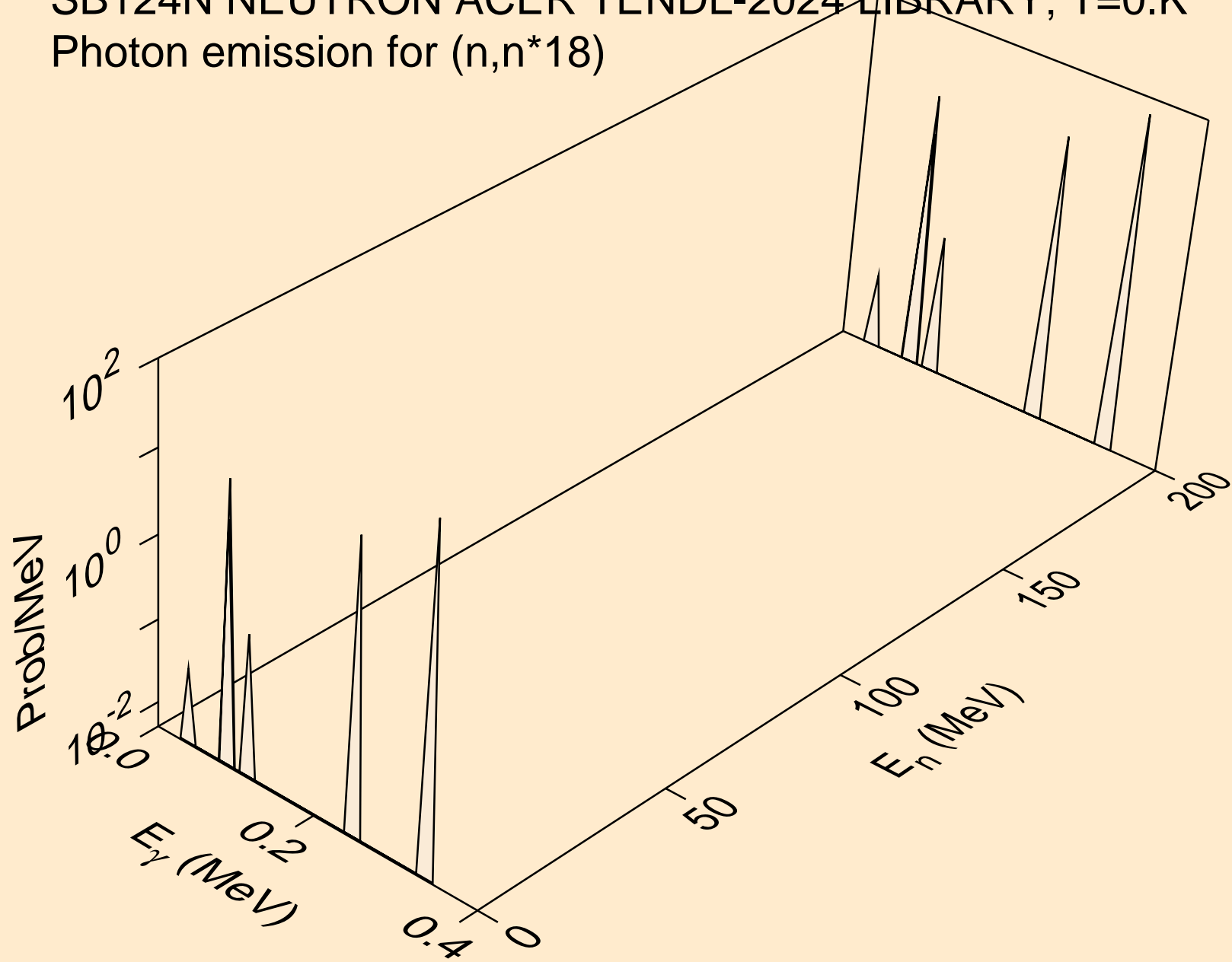
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Photon emission for (n,n\*16)



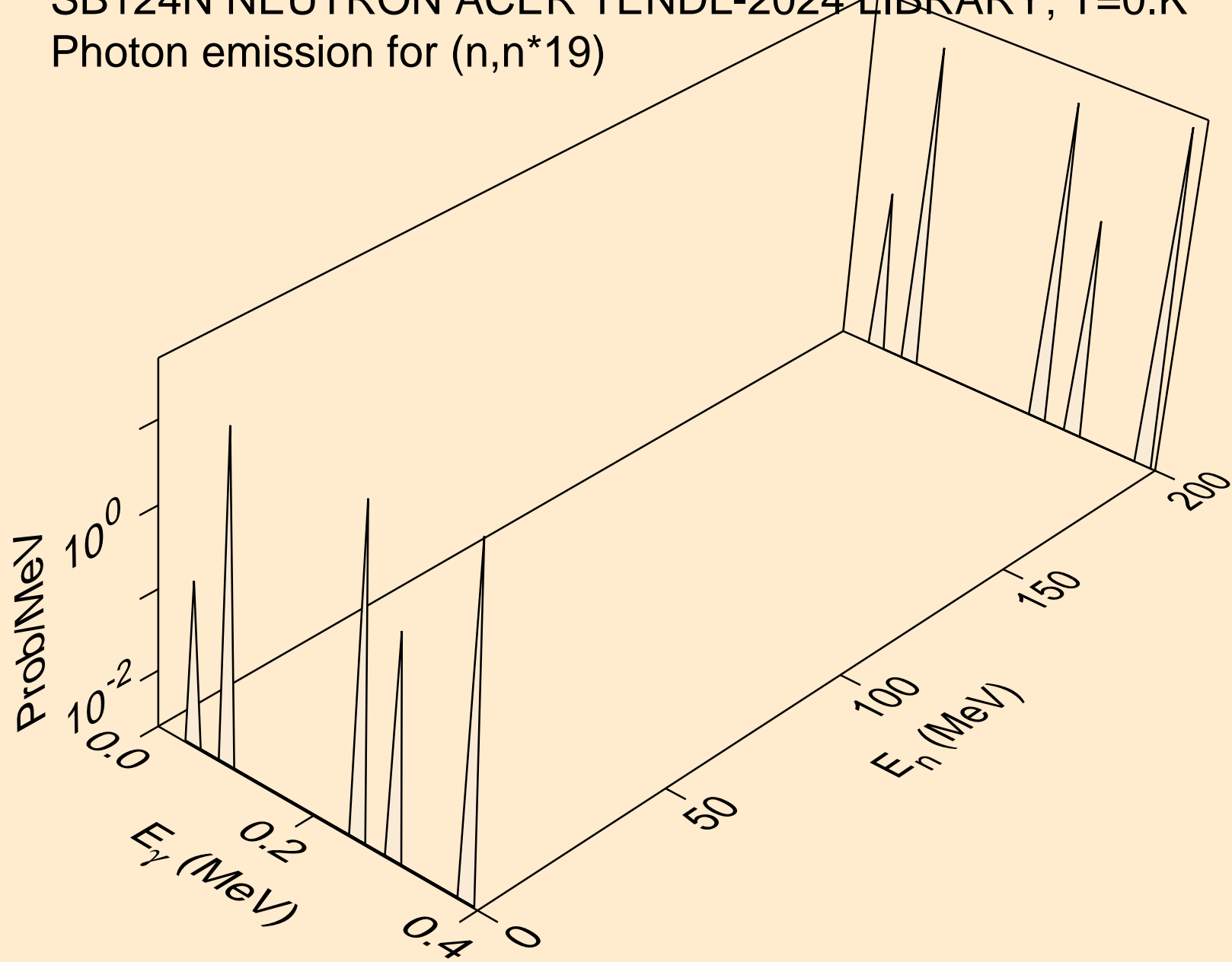
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Photon emission for (n,n\*17)



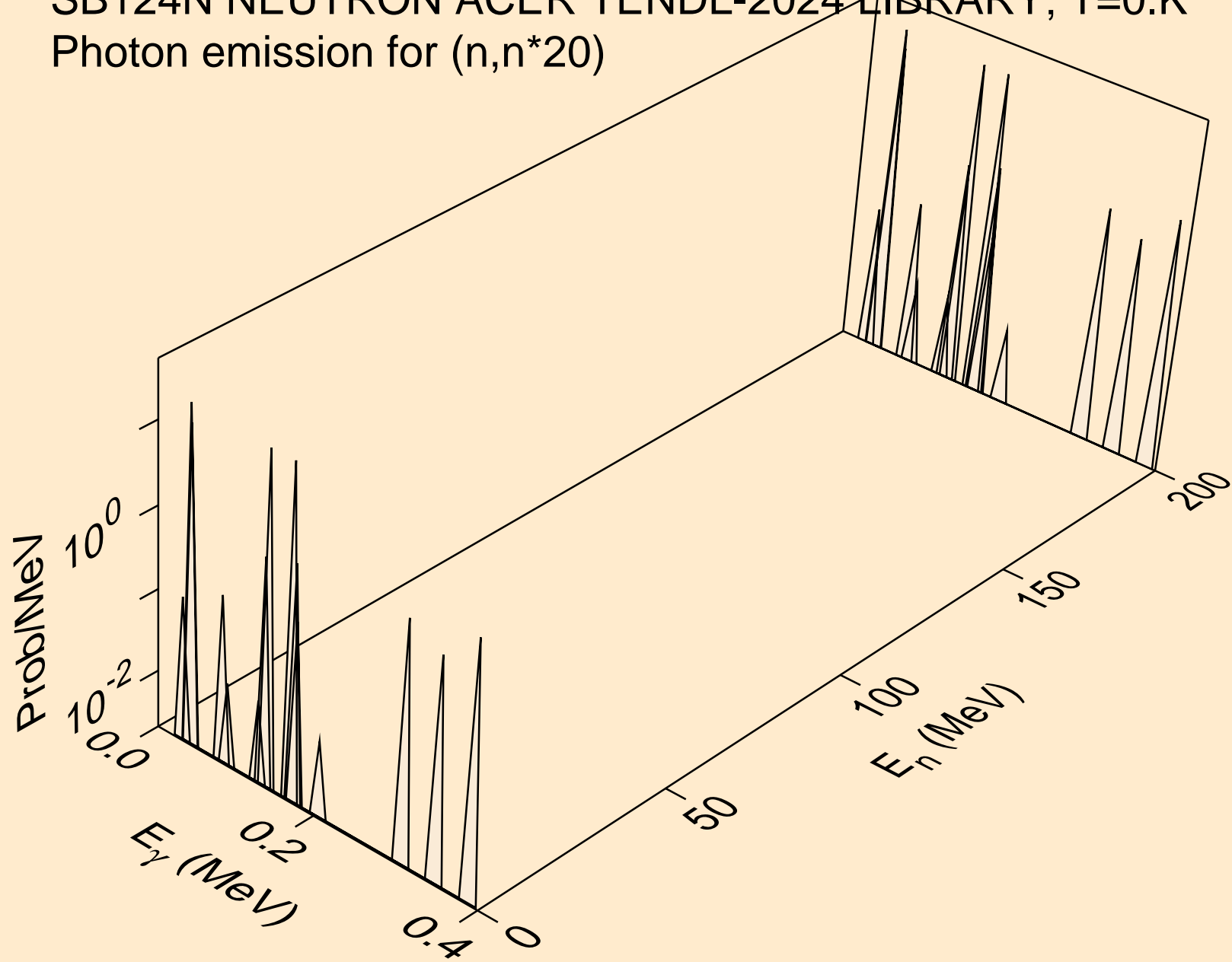
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Photon emission for (n,n\*18)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*19)

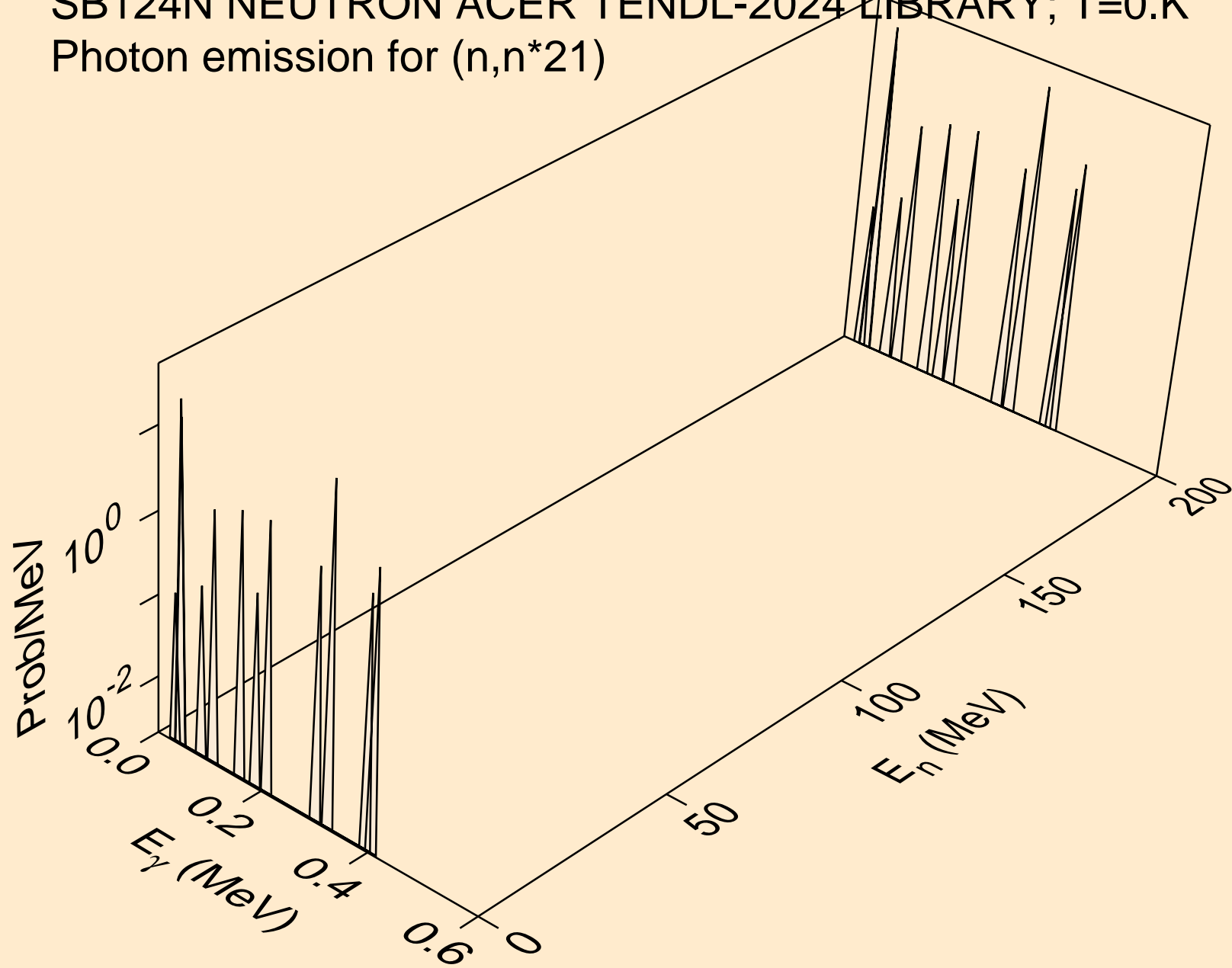


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Photon emission for (n,n\*20)

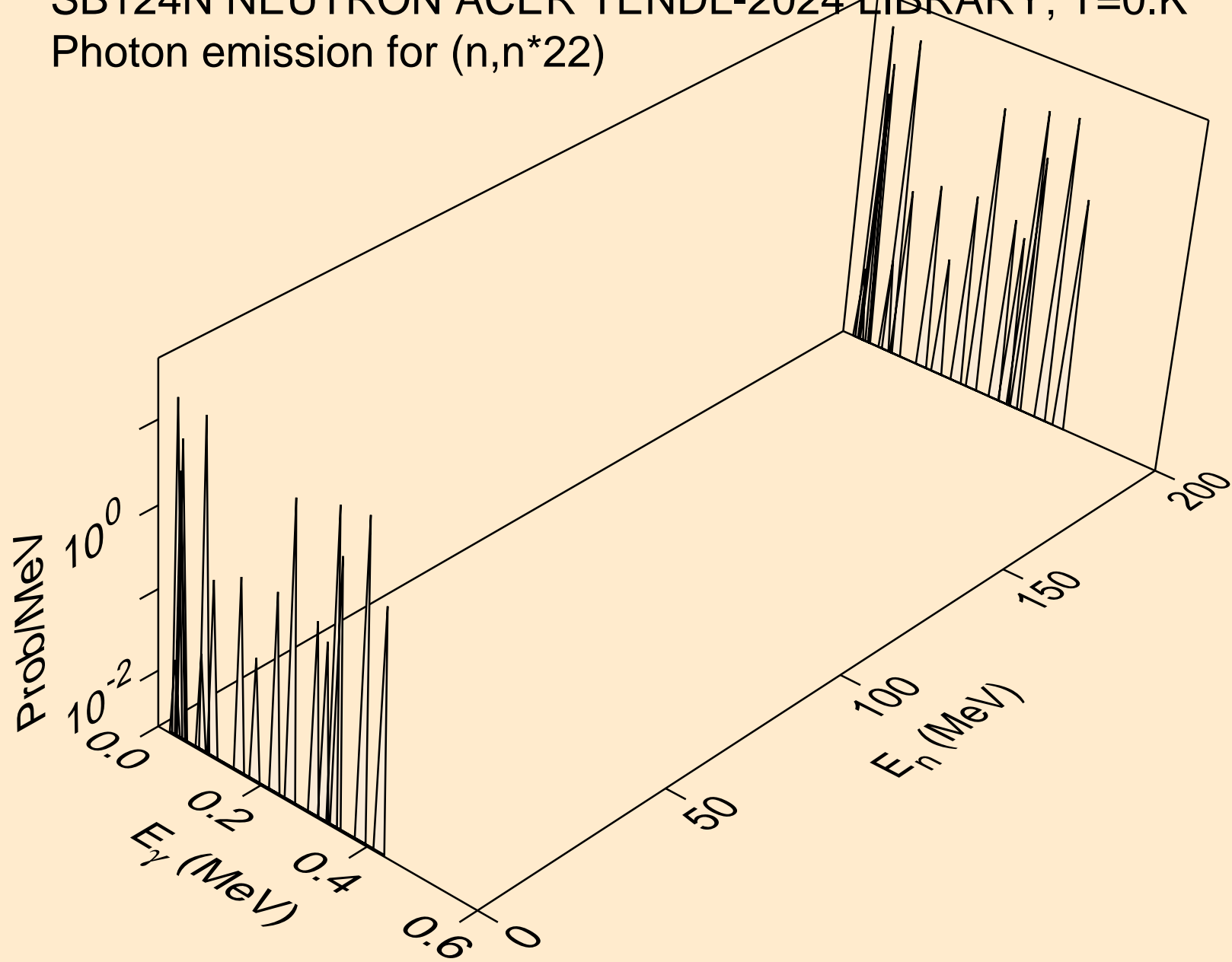




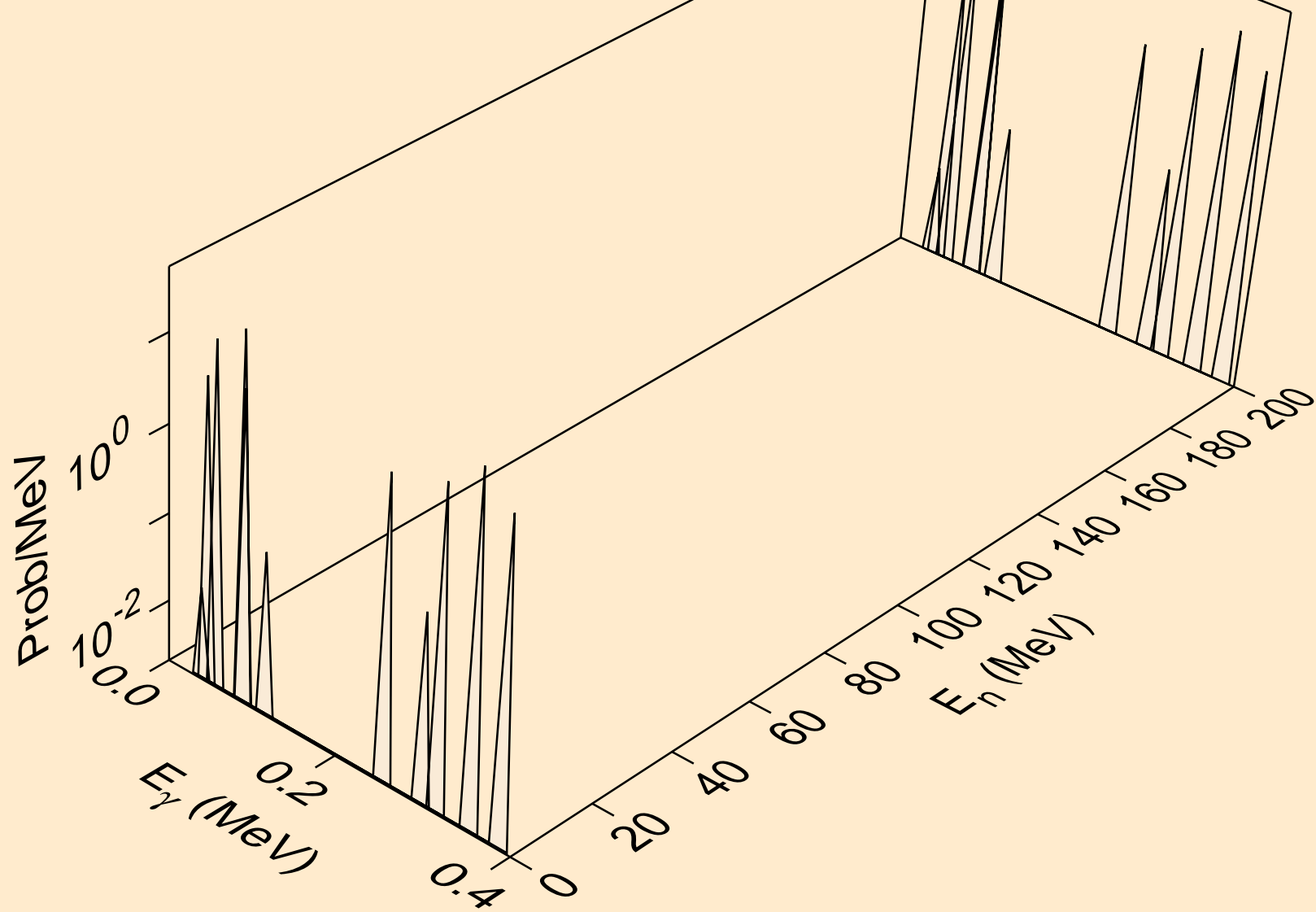
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Photon emission for (n,n\*21)



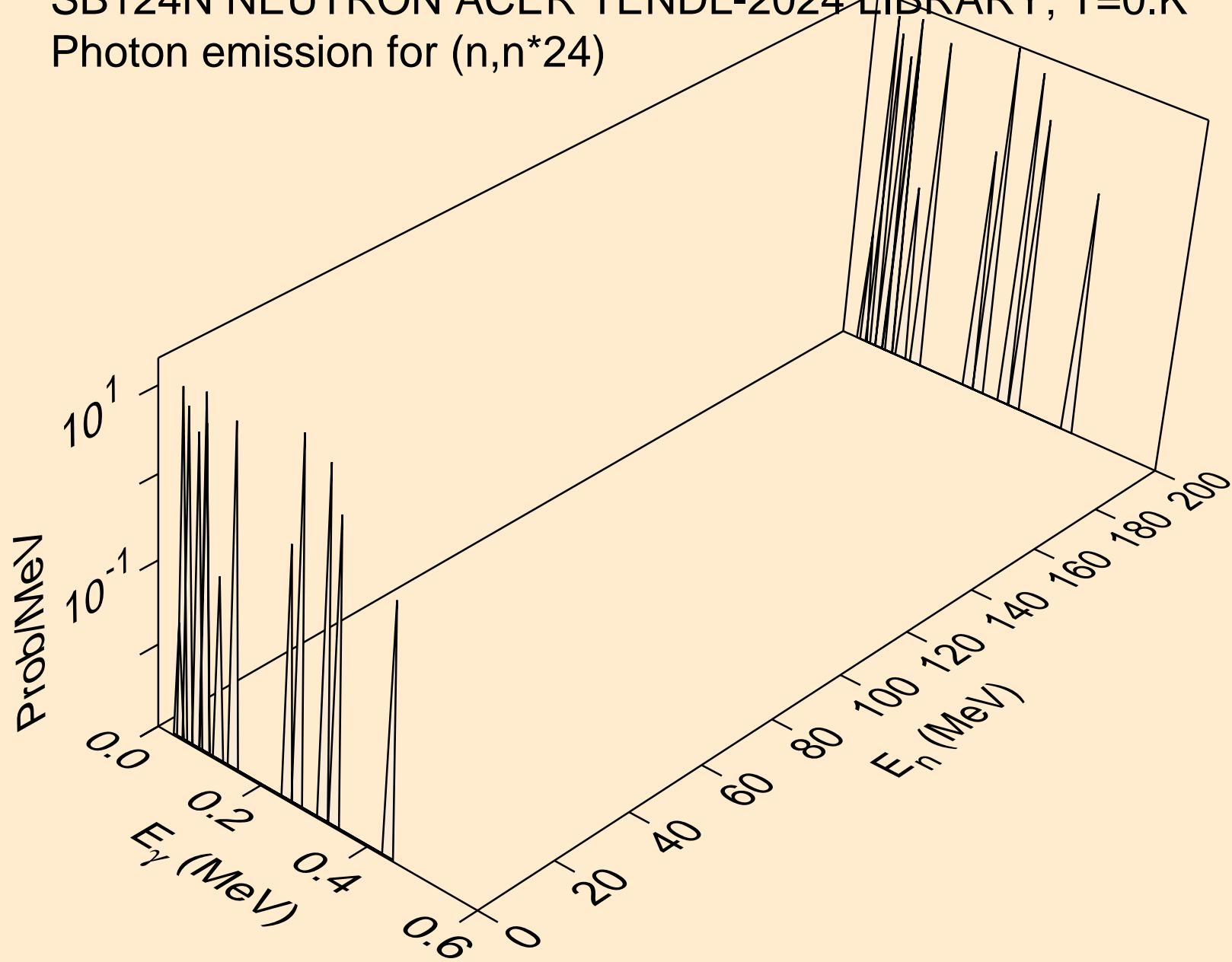
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Photon emission for (n,n\*22)



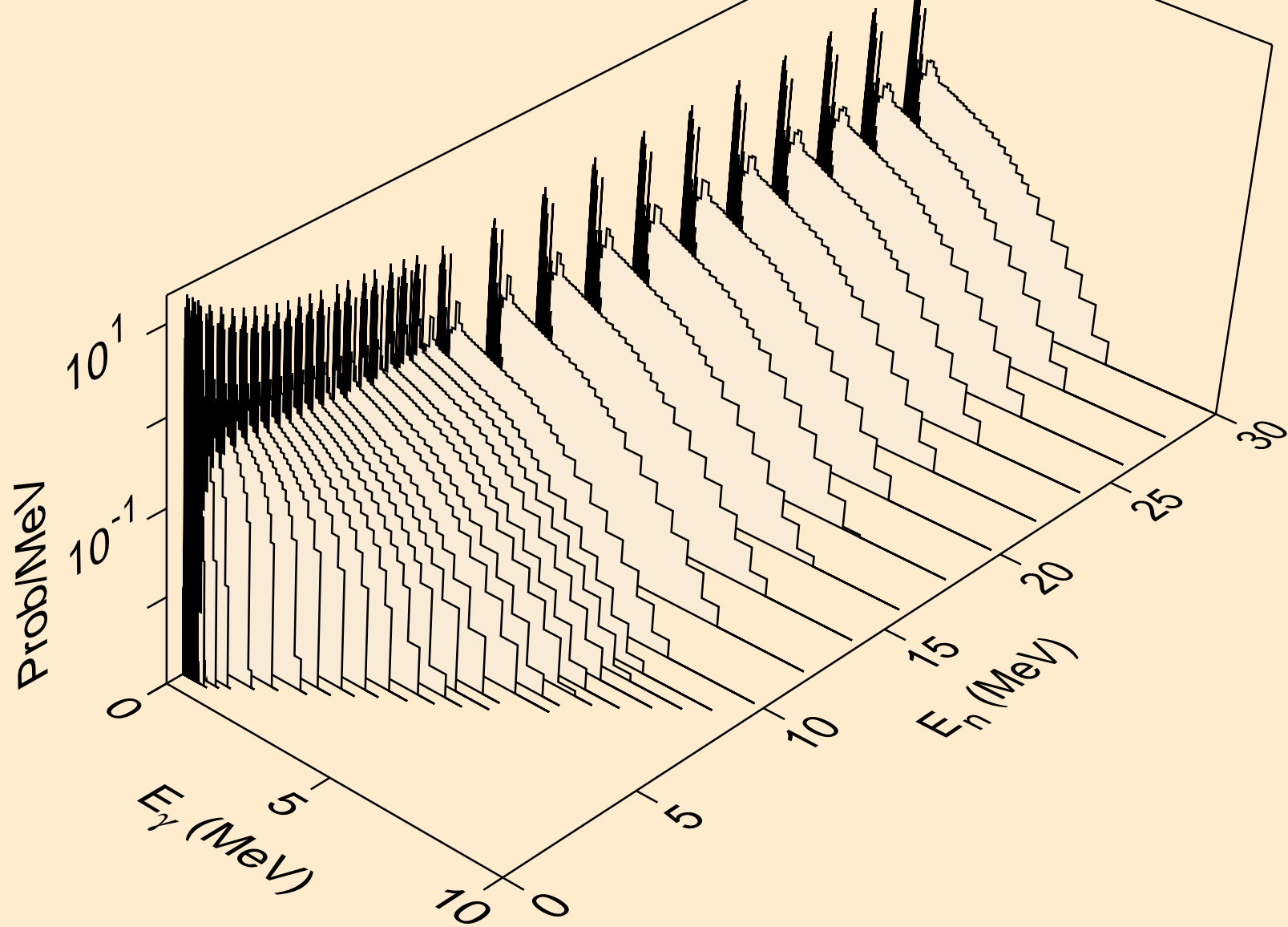
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Photon emission for (n,n\*23)



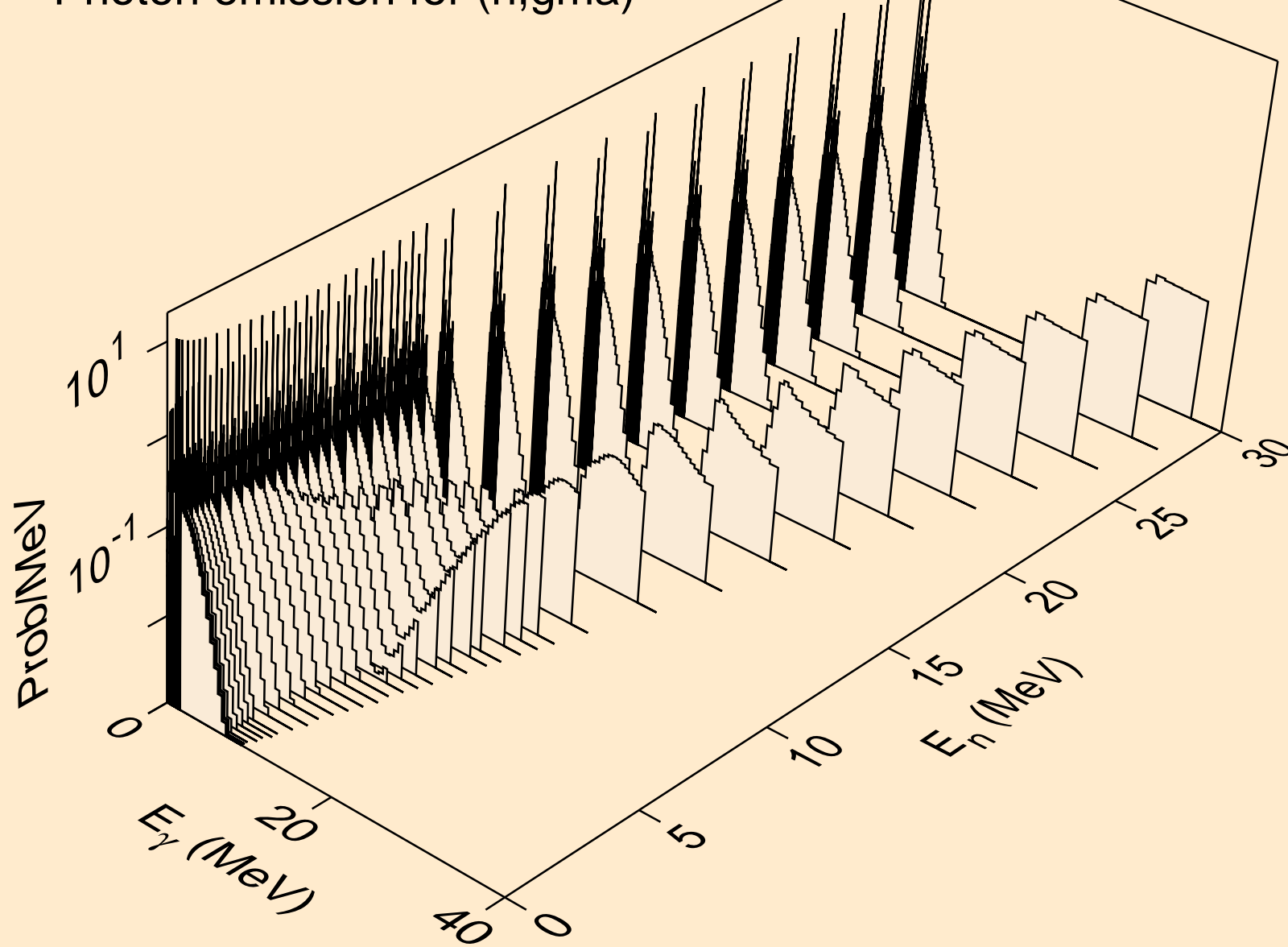
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Photon emission for (n,n\*24)



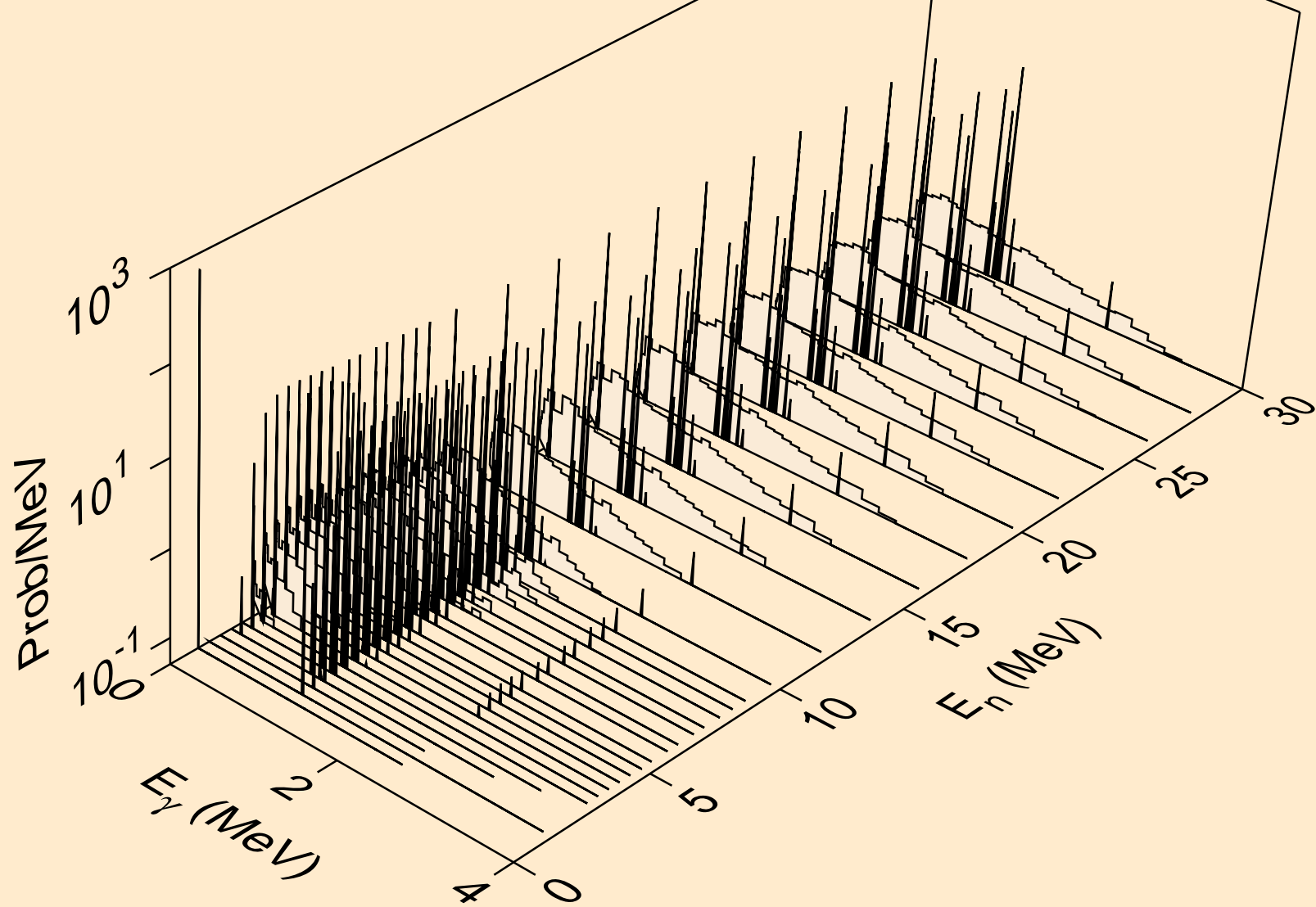
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Photon emission for (n,n\*c)



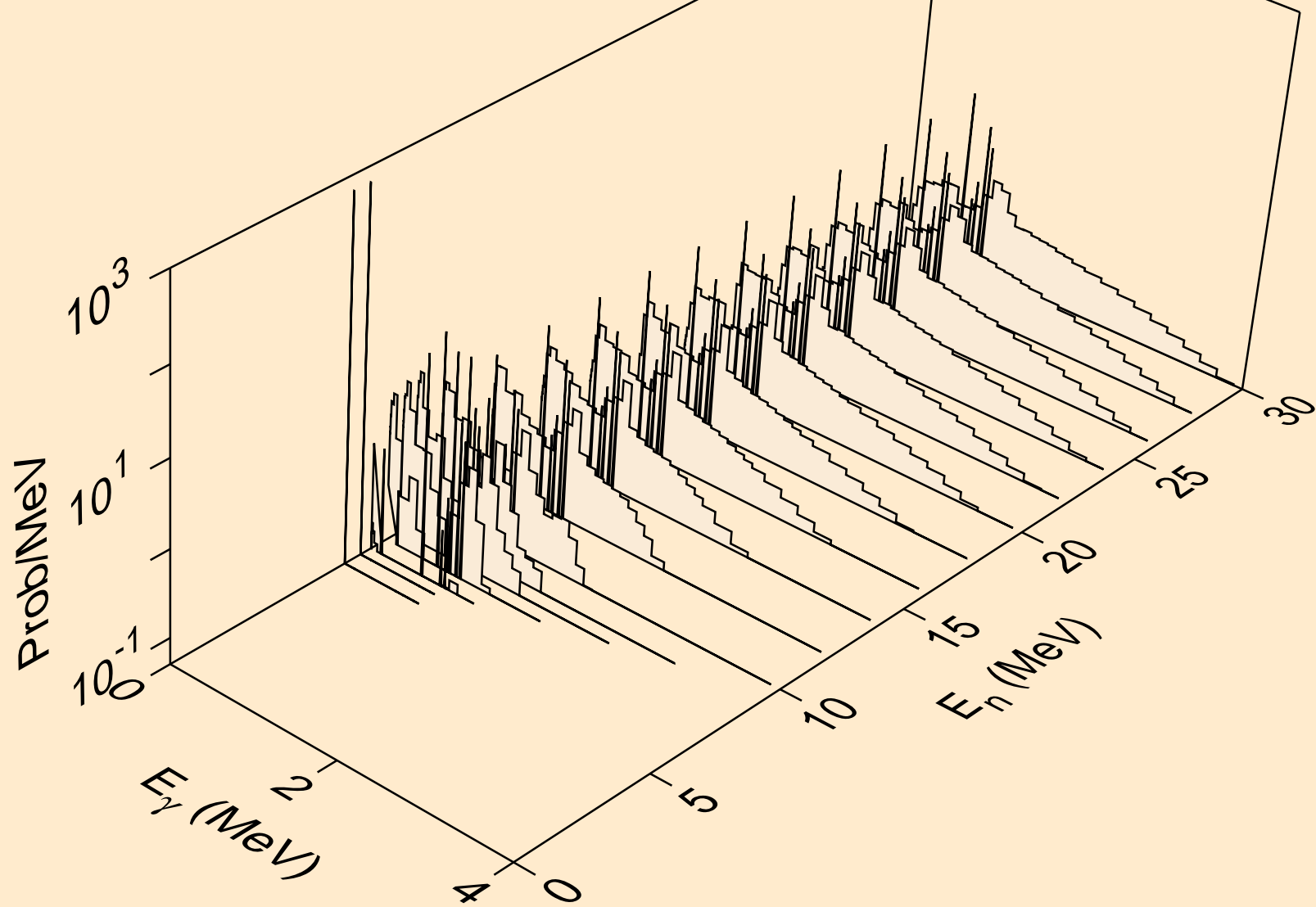
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

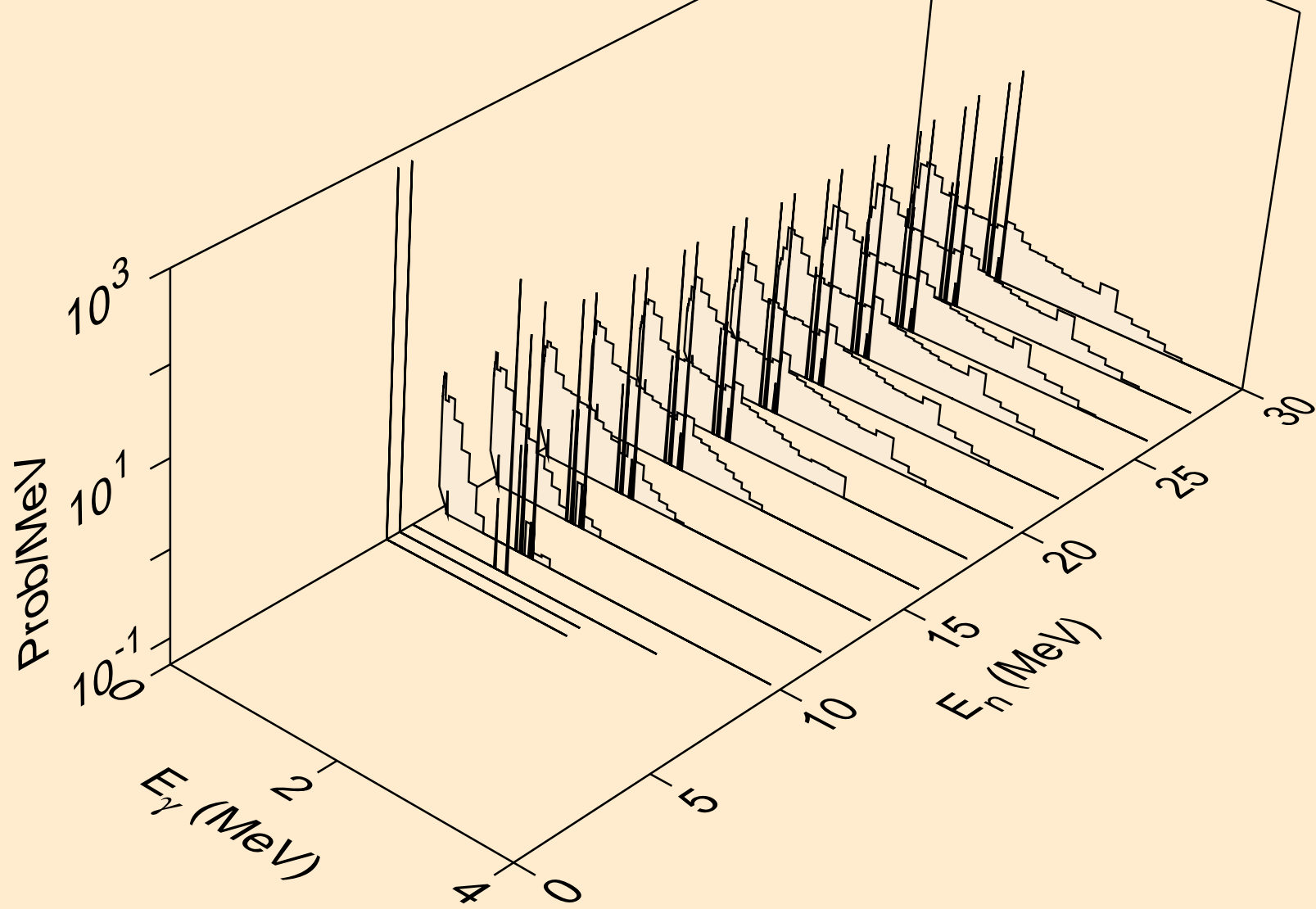


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Photon emission for (n,d)

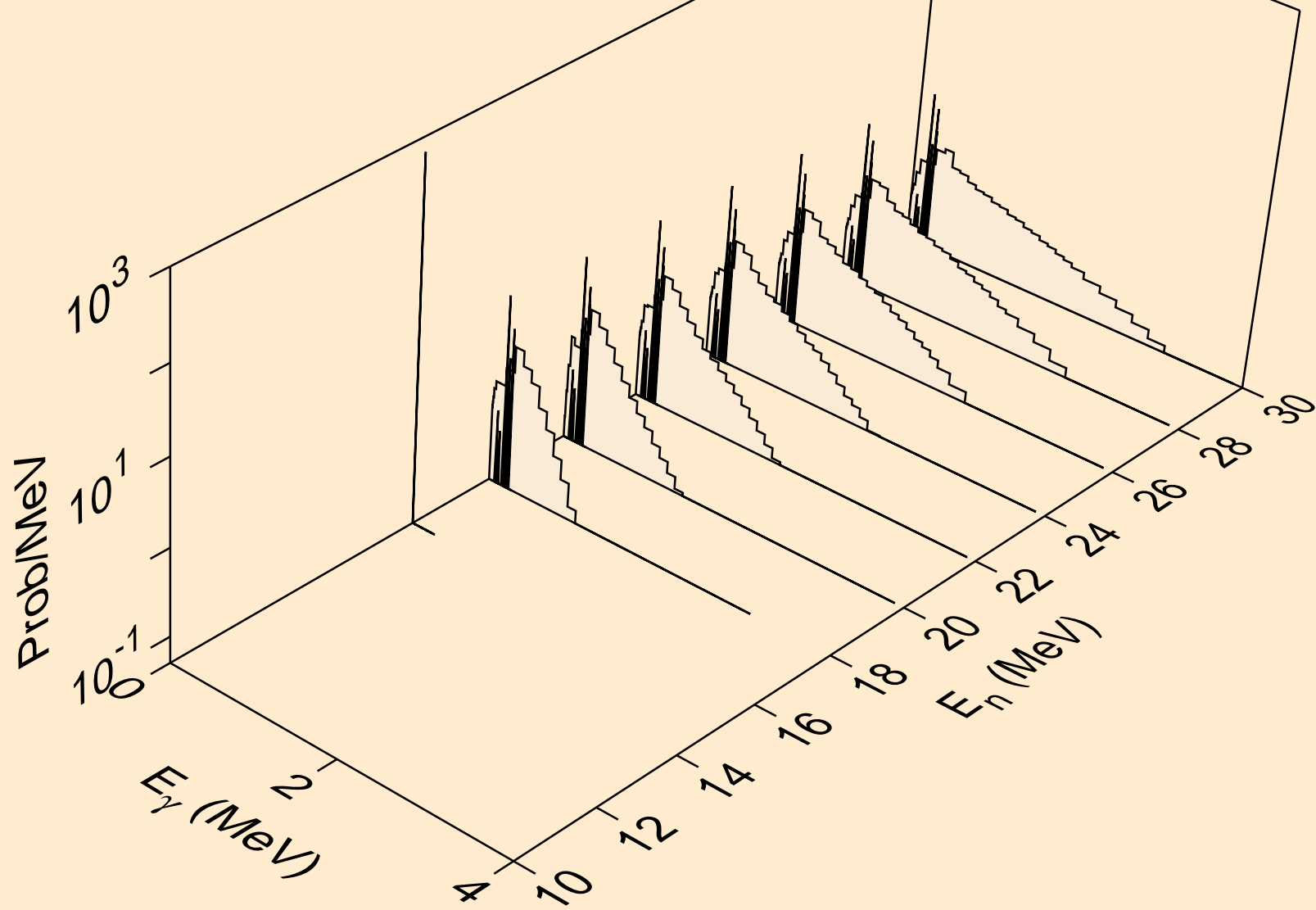




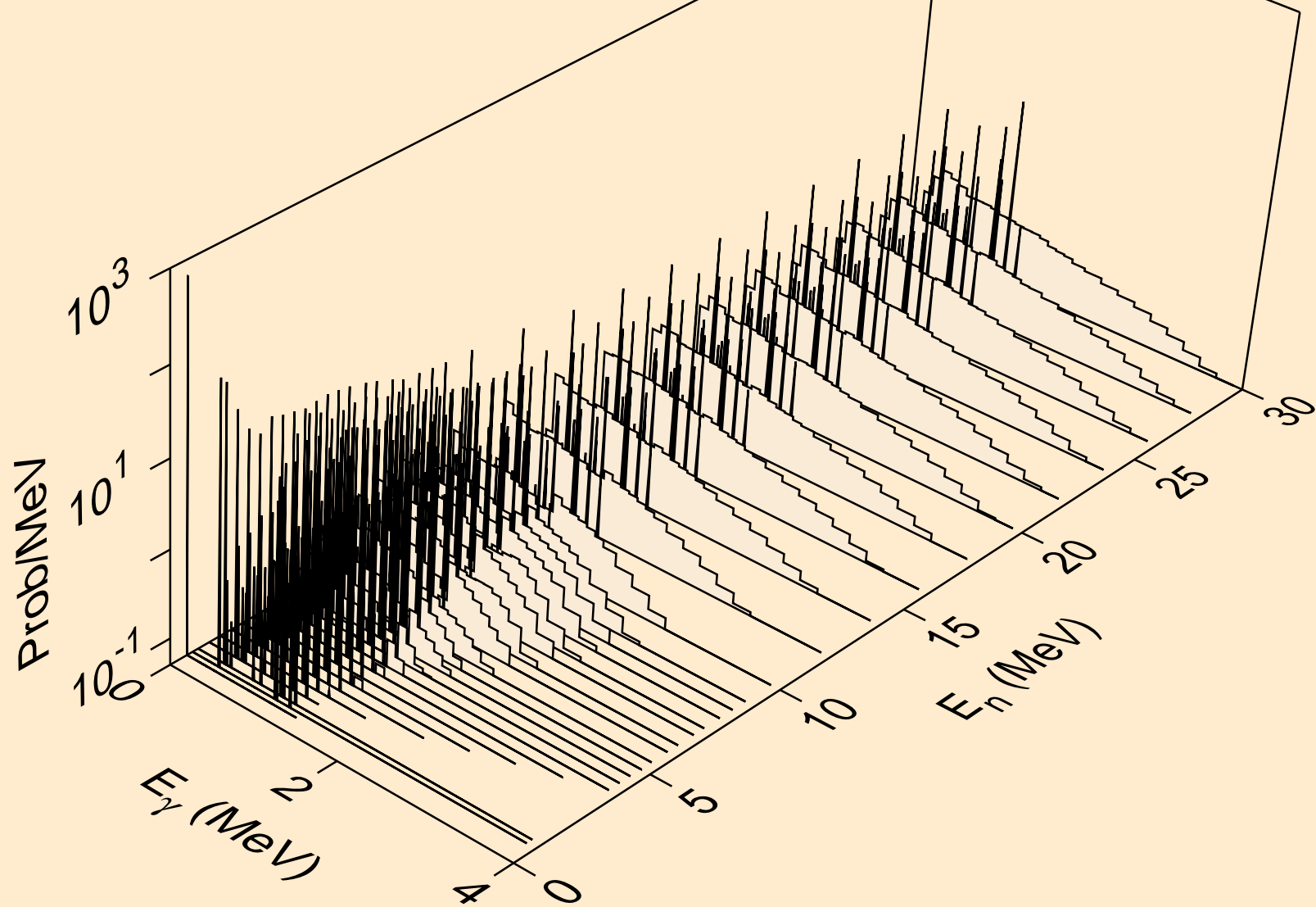
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Photon emission for (n,t)



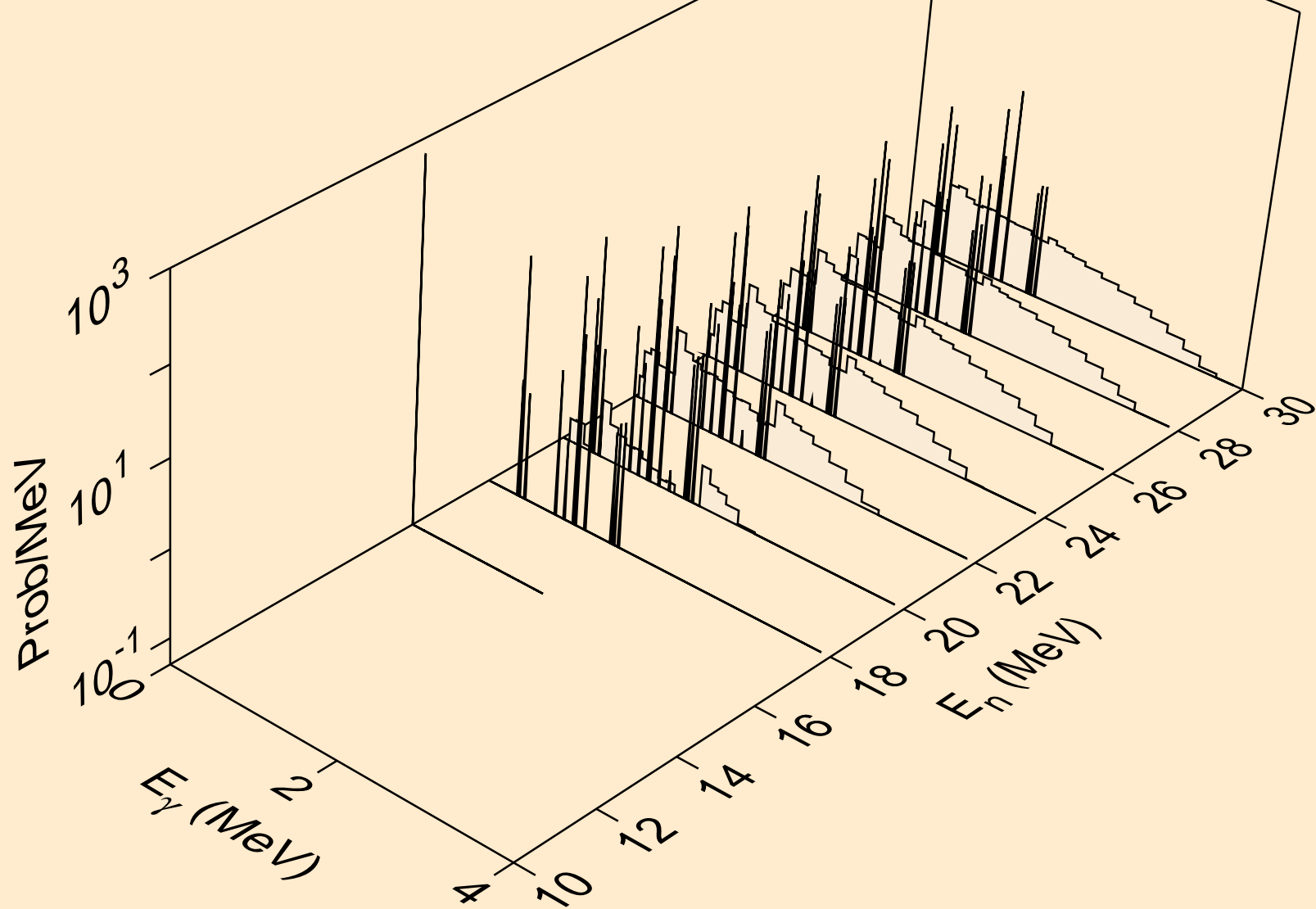
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Photon emission for (n,he3)



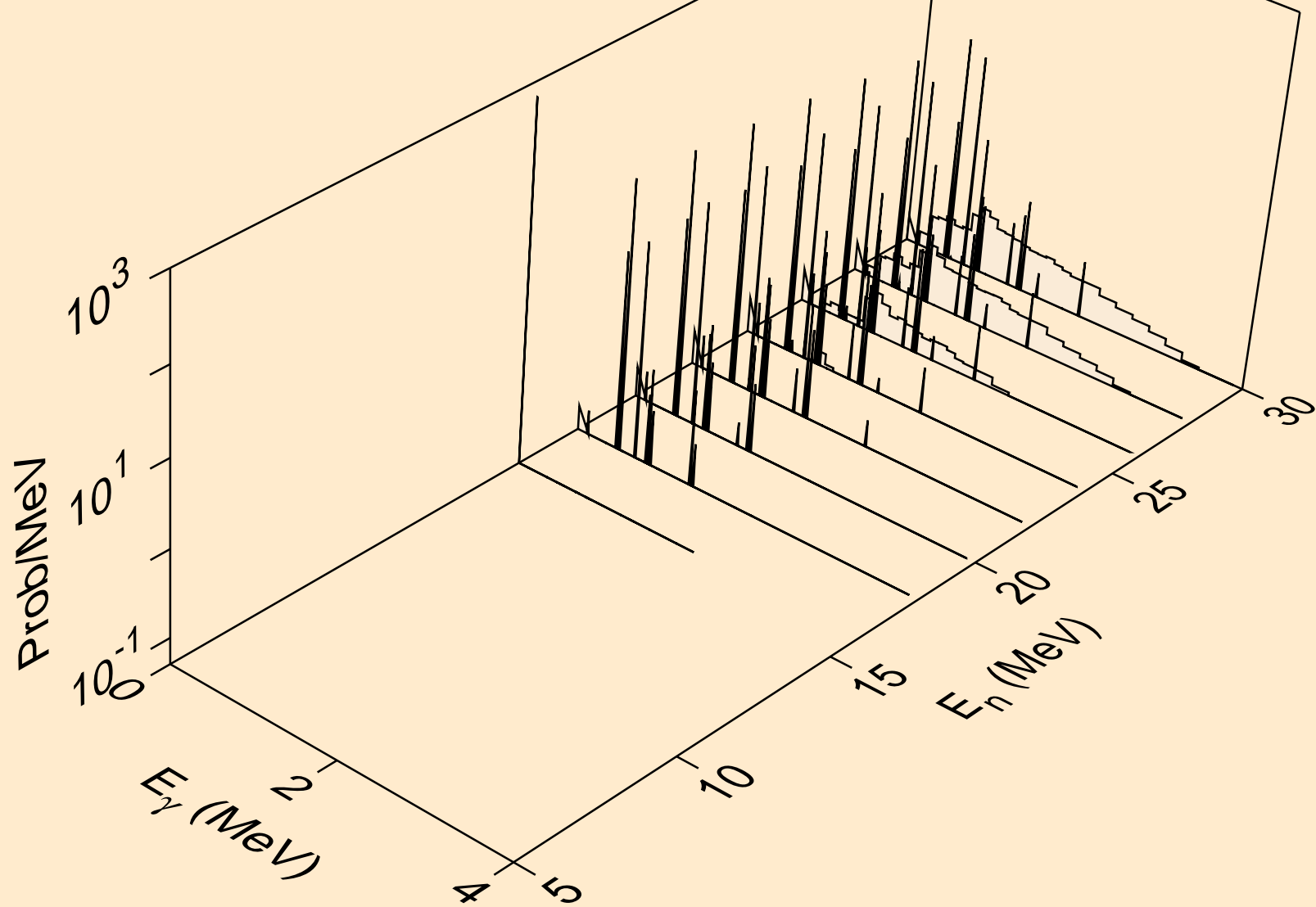
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Photon emission for (n,a)



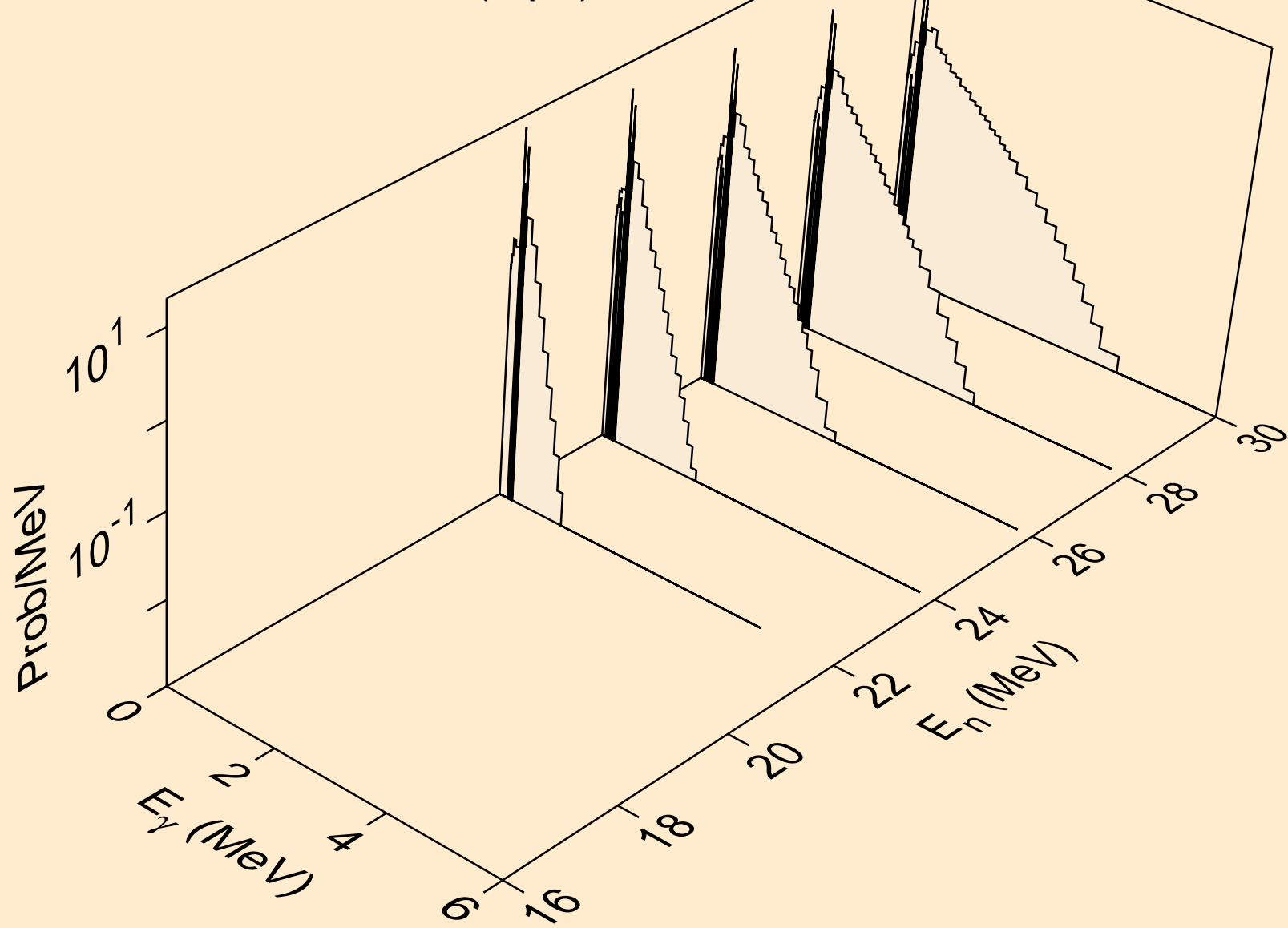
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Photon emission for (n,2p)



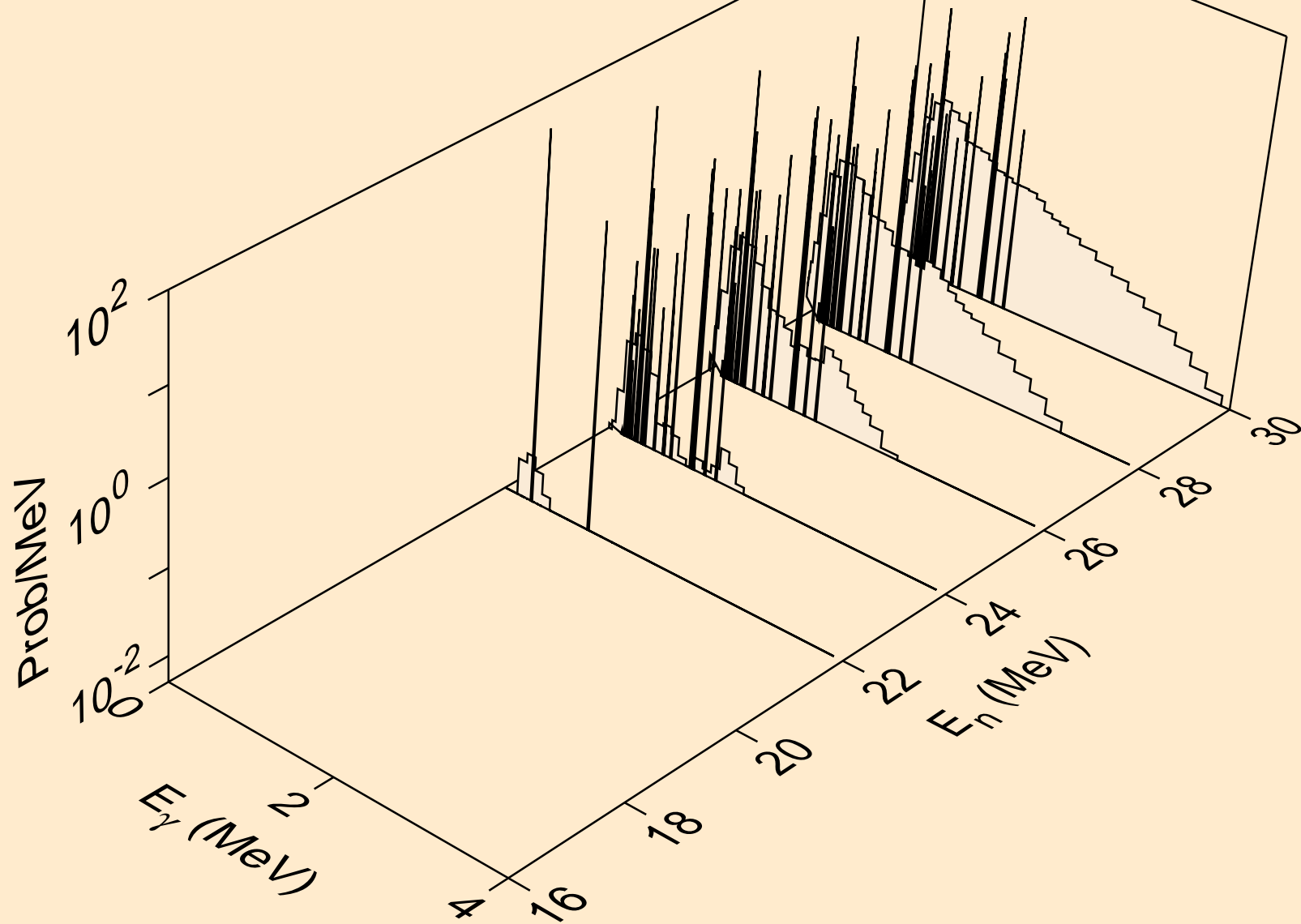
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Photon emission for (n,p $\alpha$ )



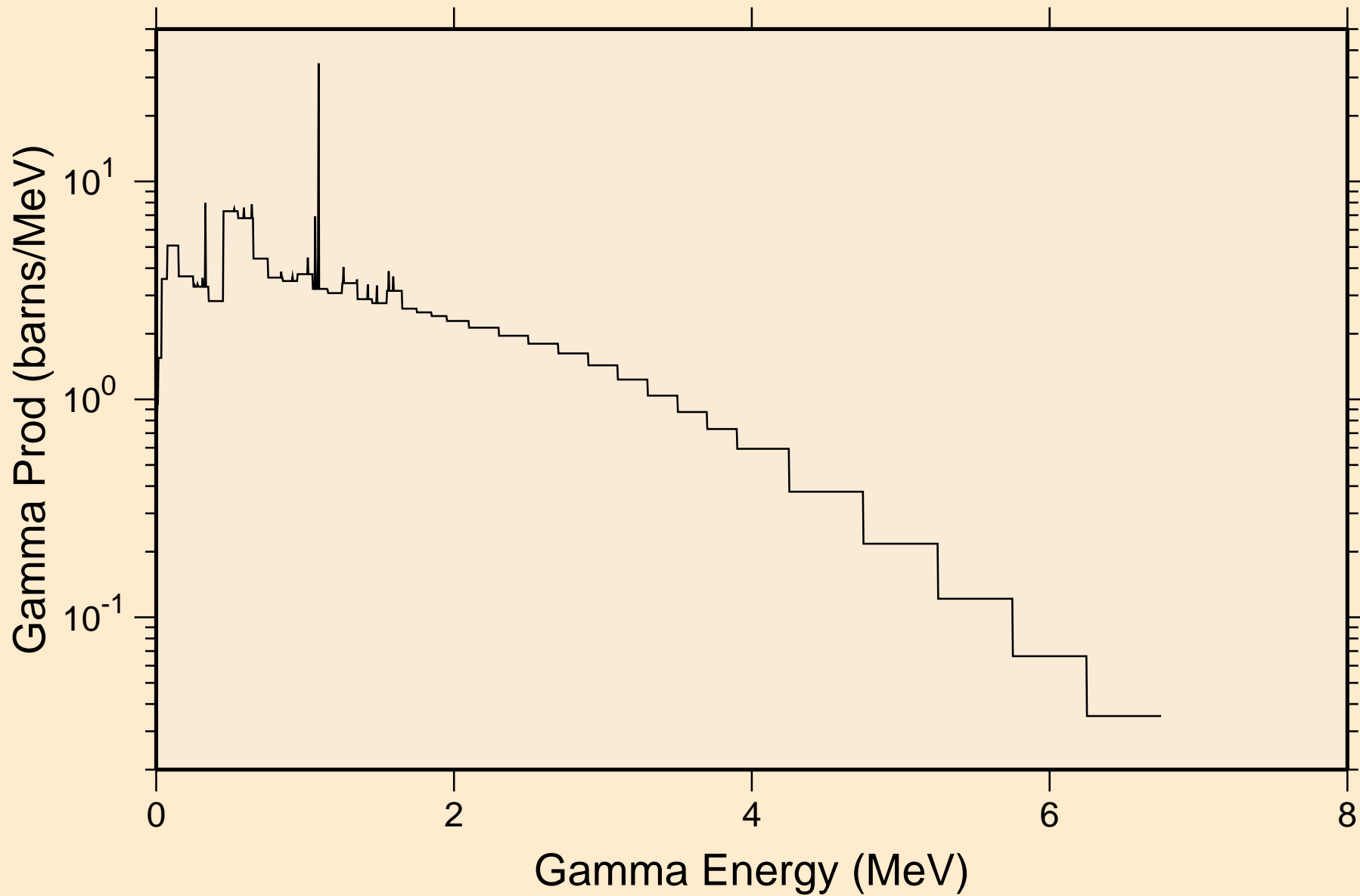
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Photon emission for (n,pd)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

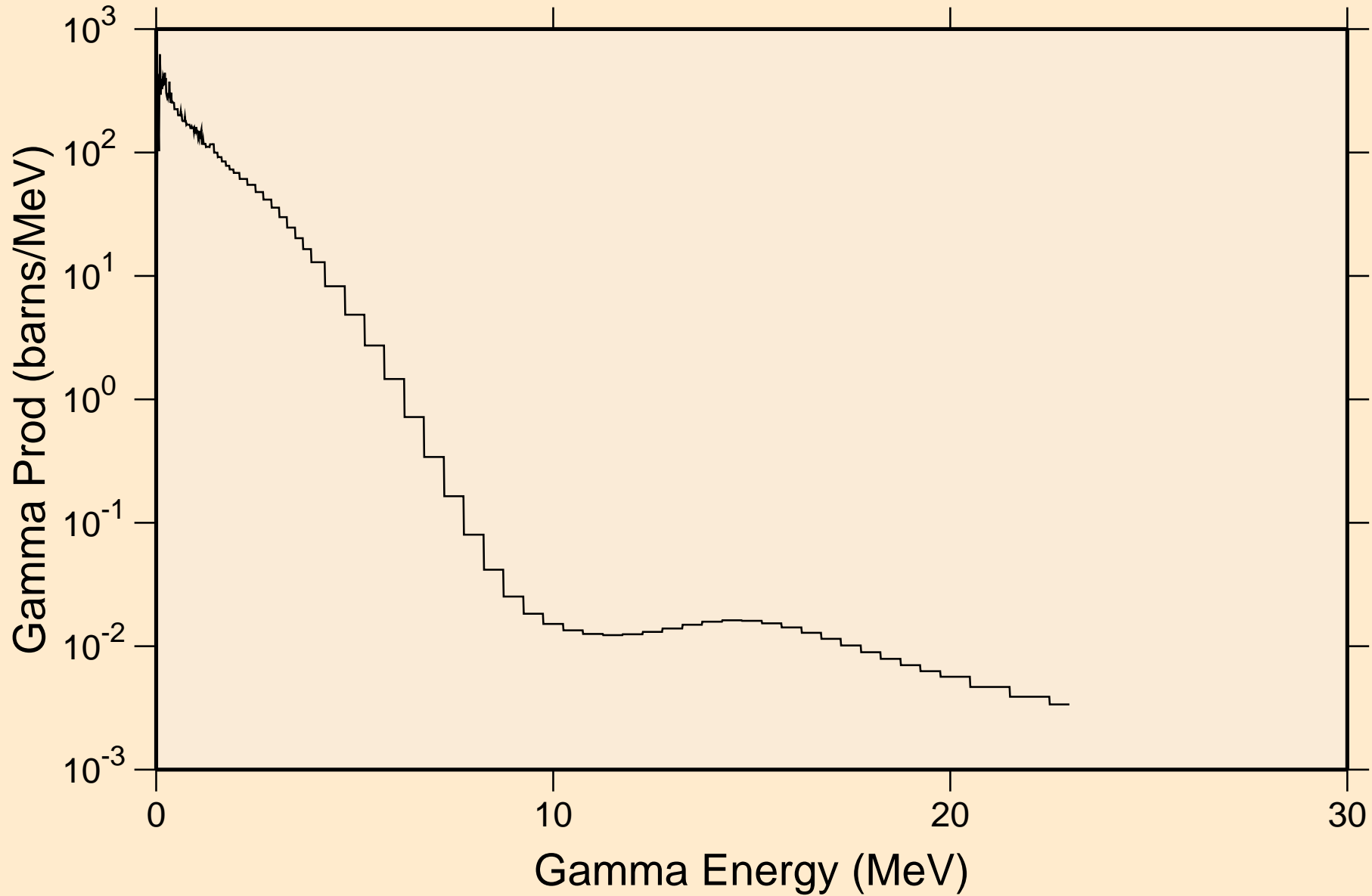


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



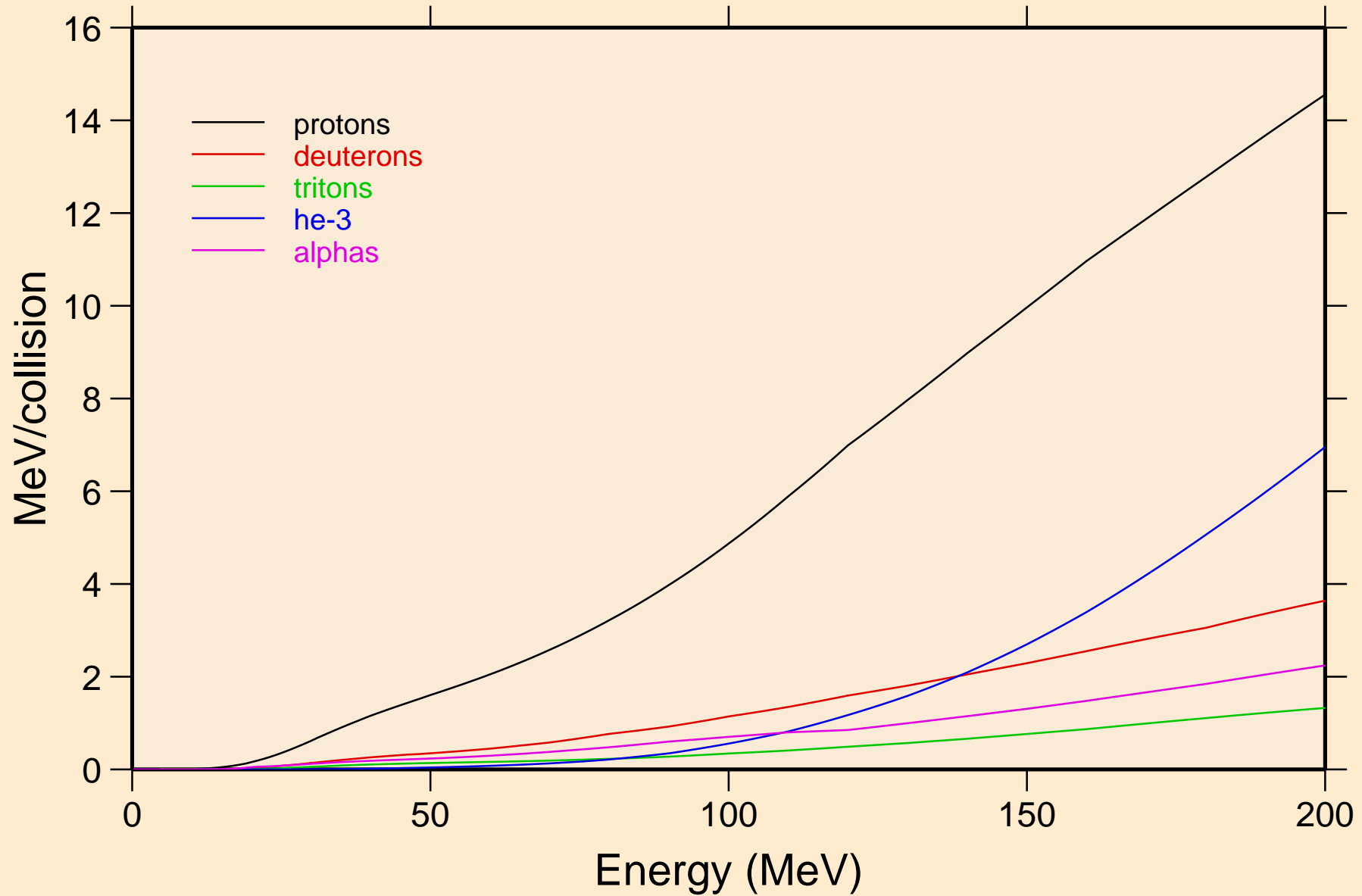


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

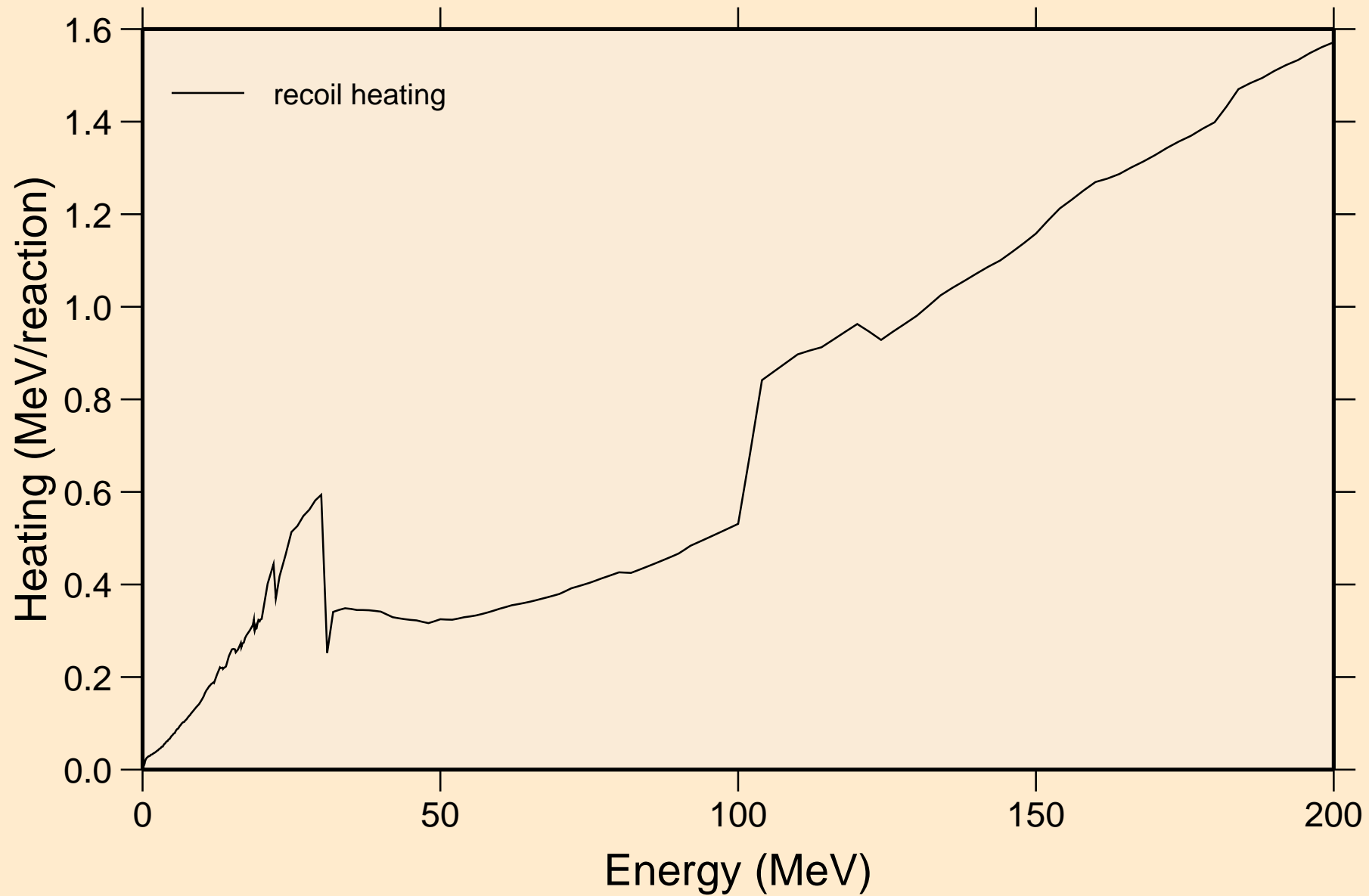


# SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

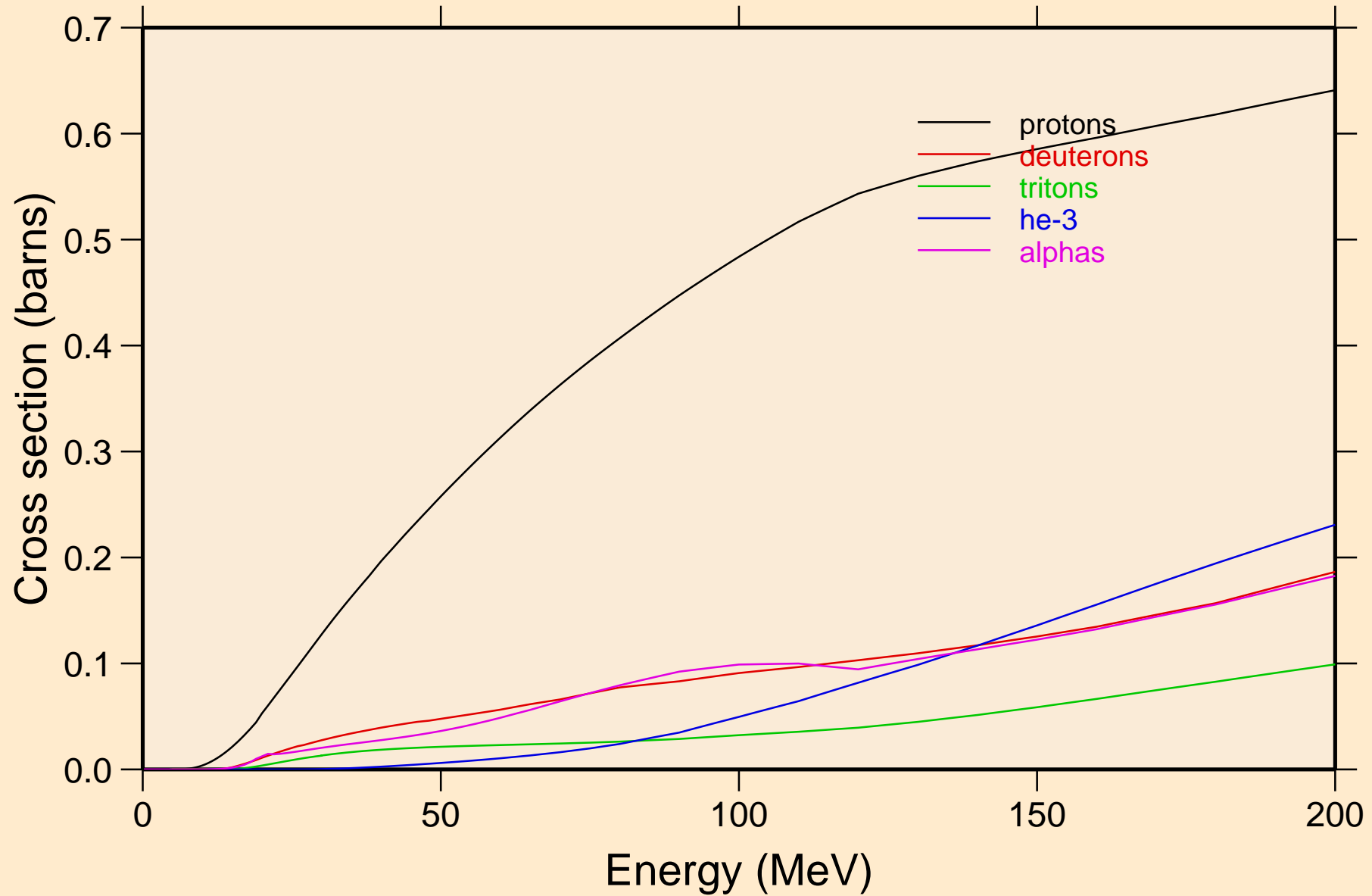
## Particle heating contributions



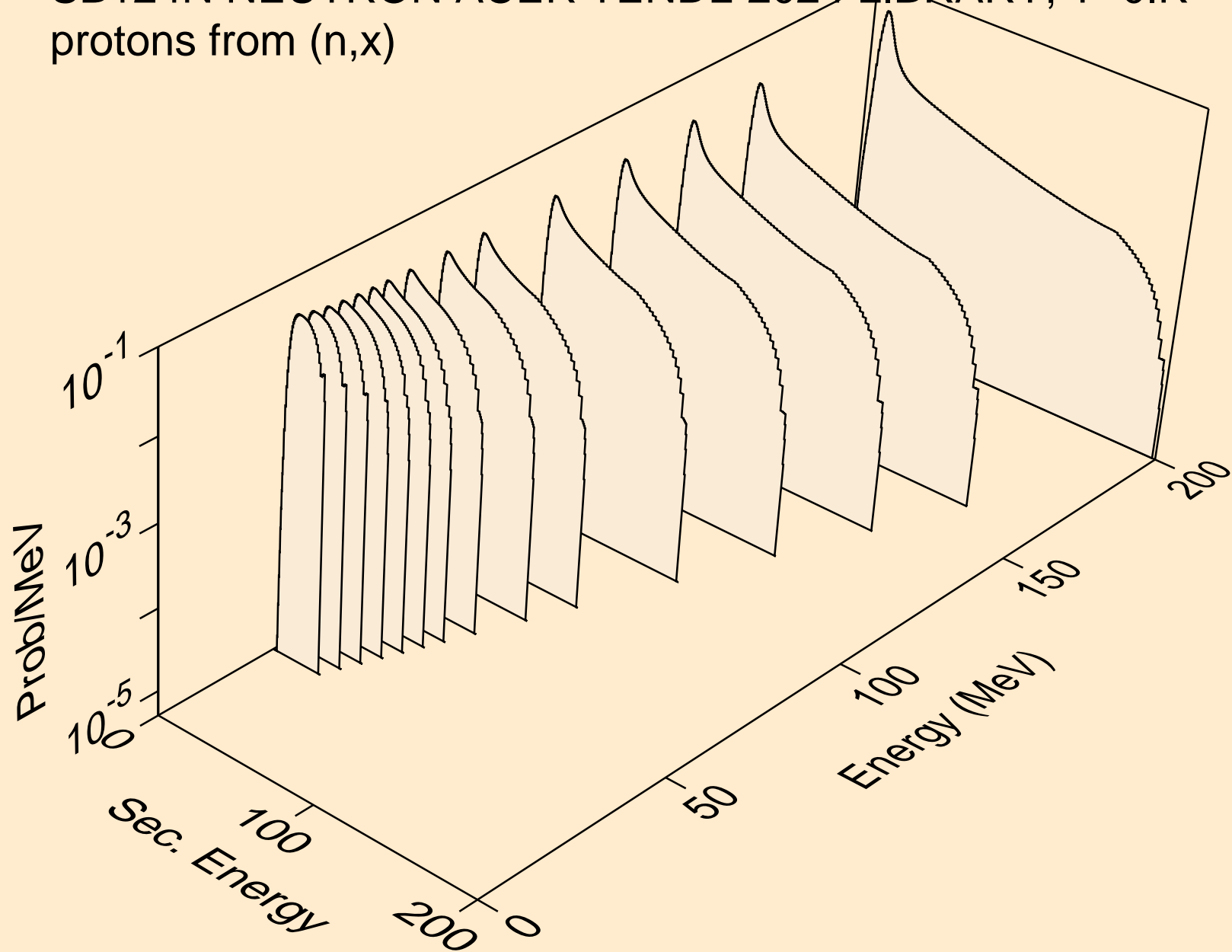
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Recoil Heating



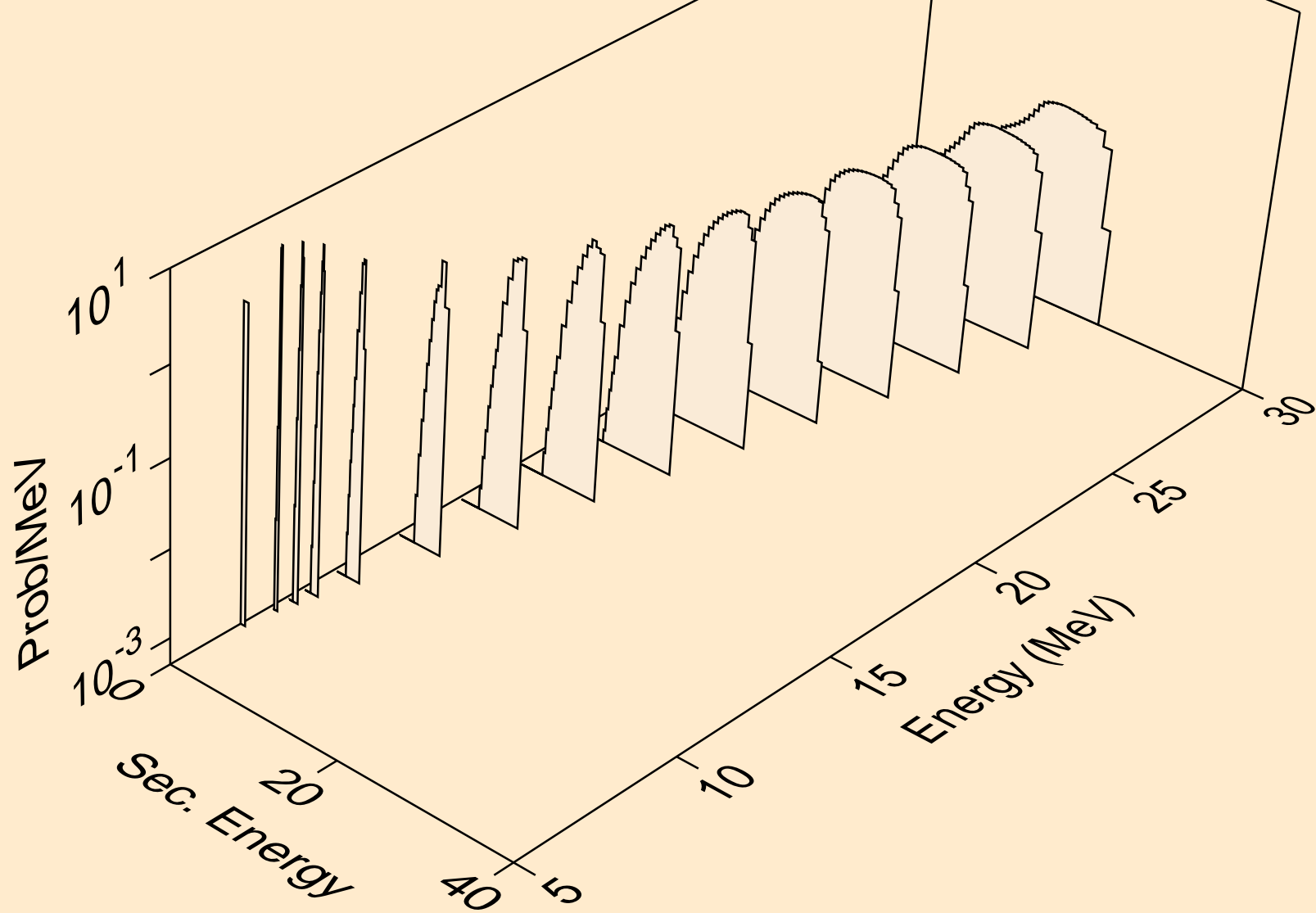
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Particle production cross sections



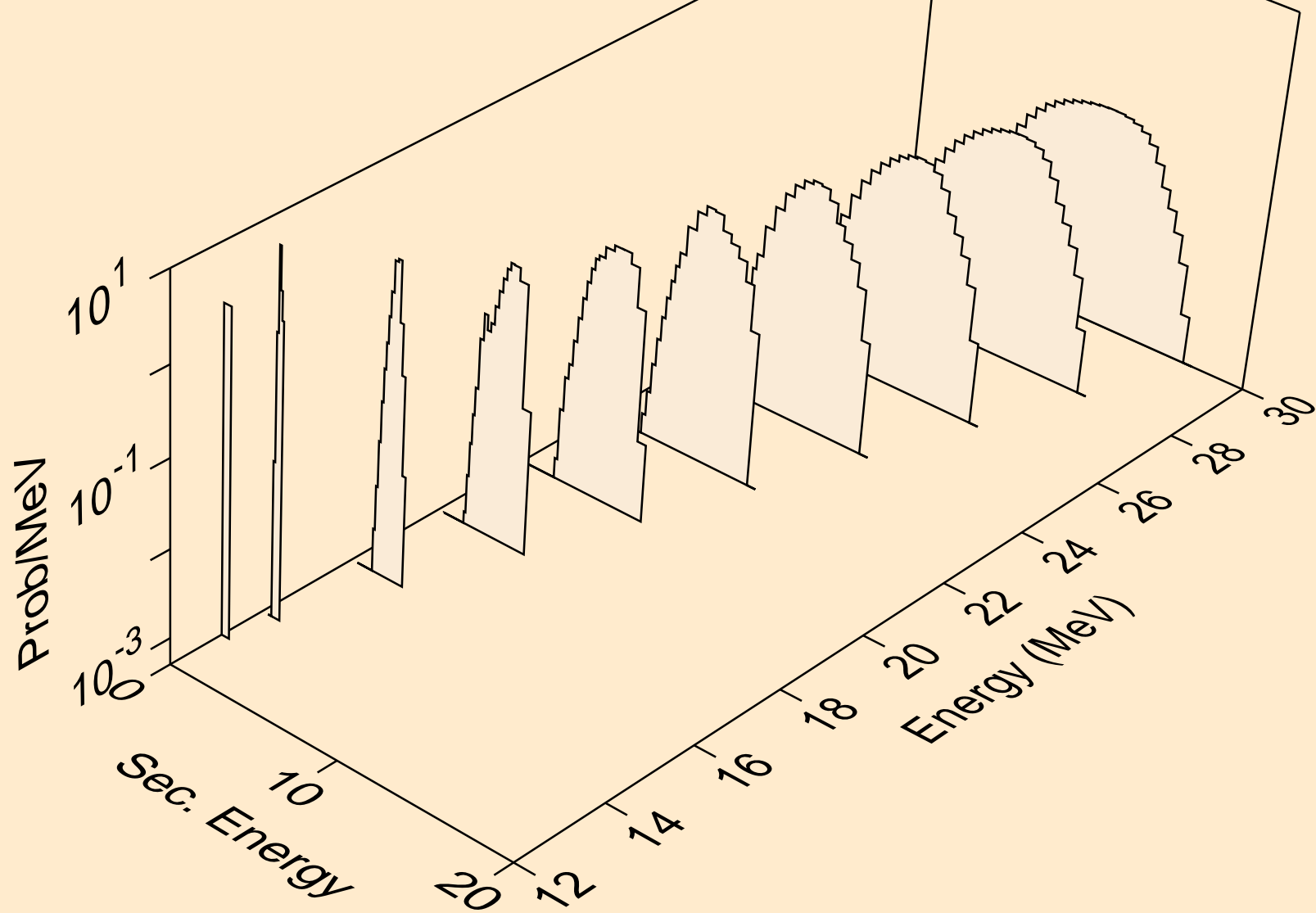
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



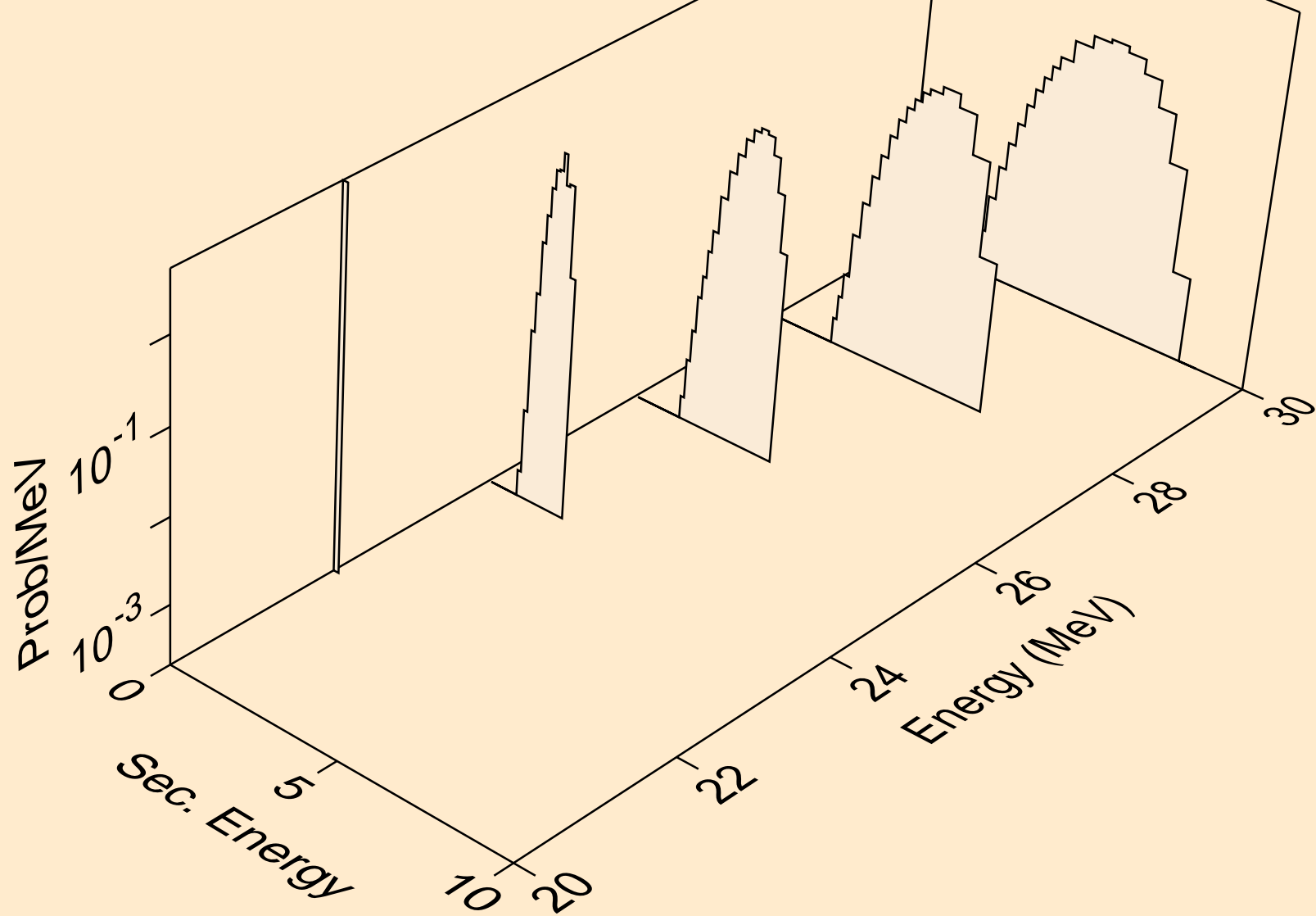
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

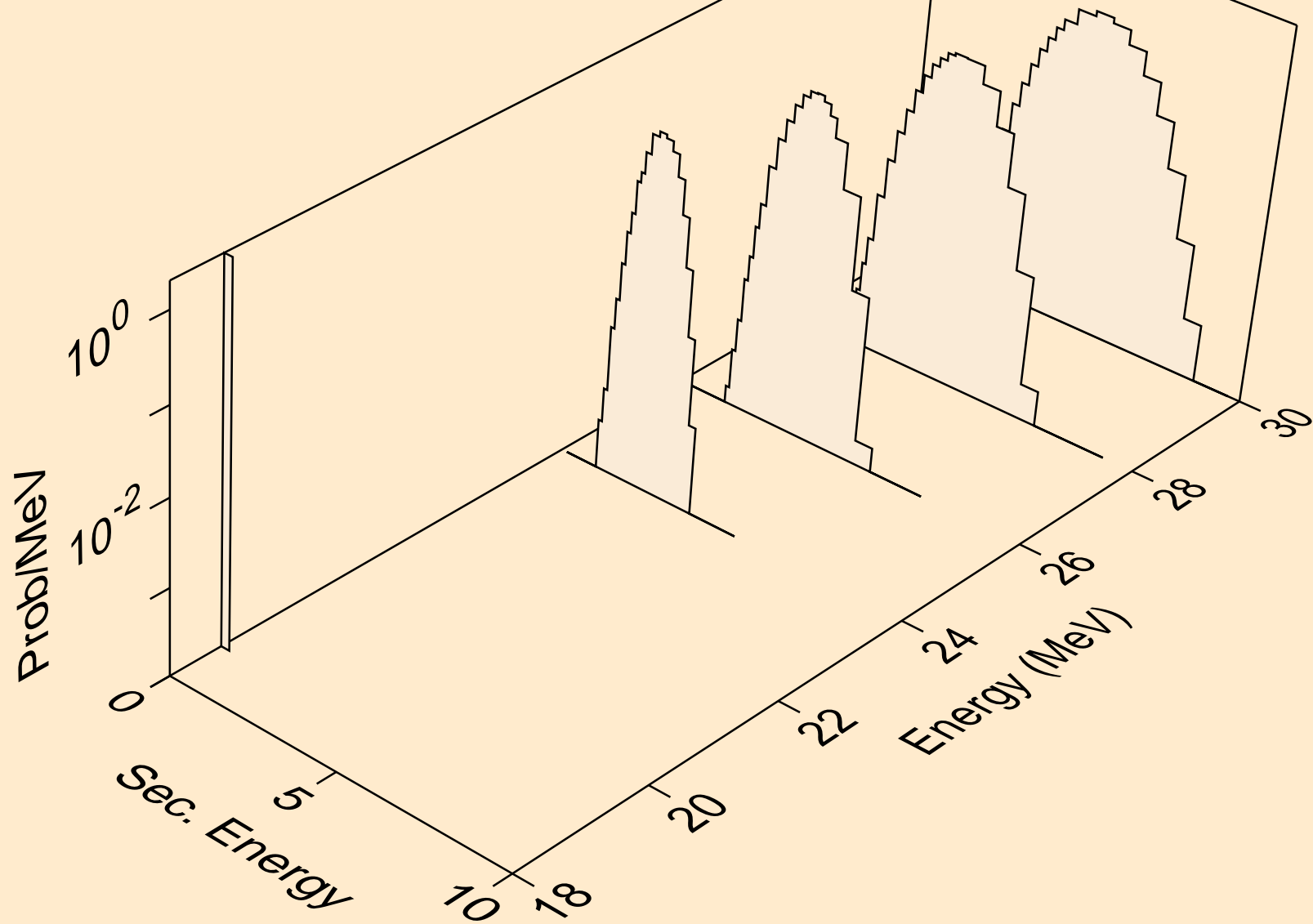


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protons from (n,3np)

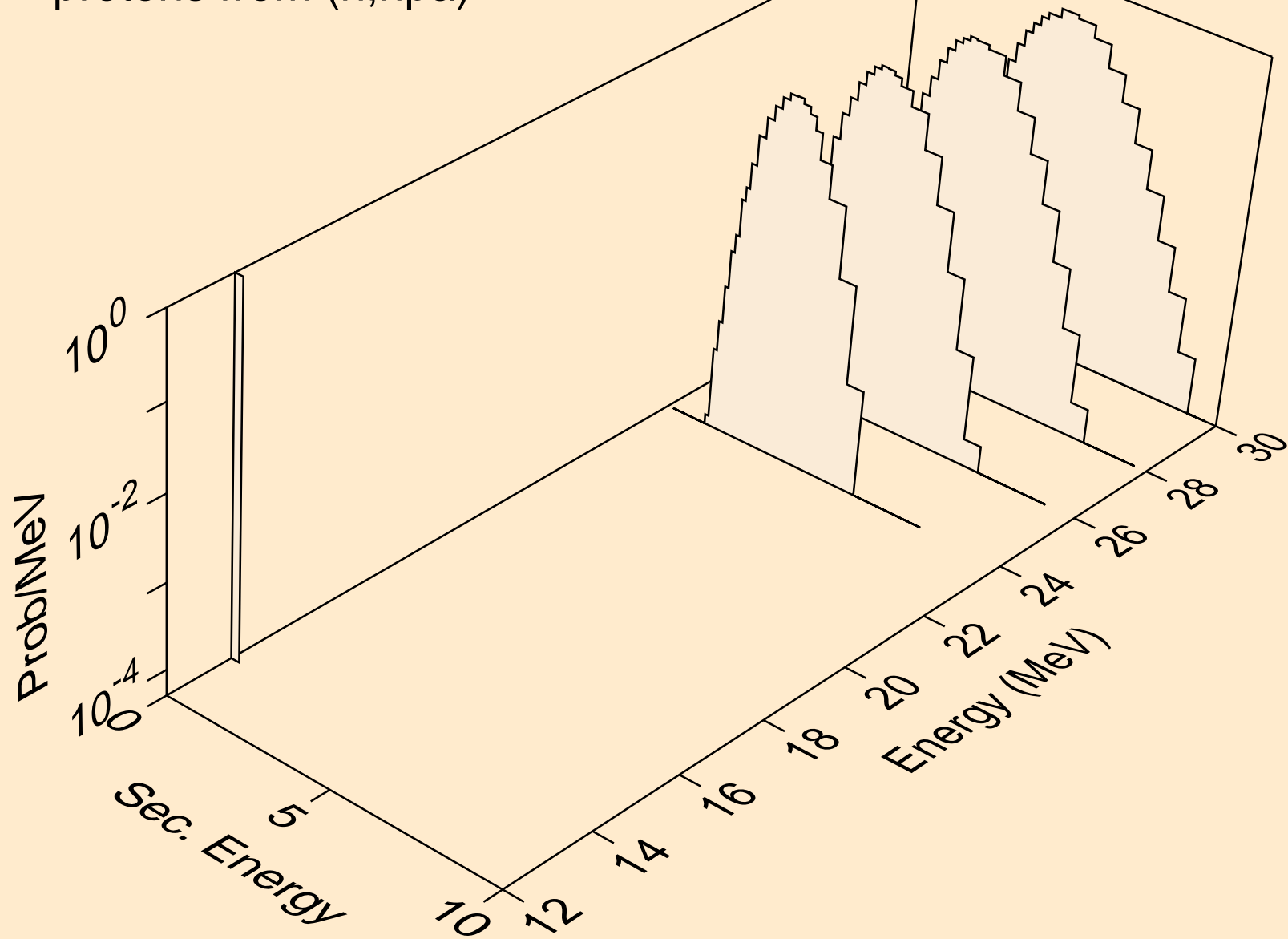




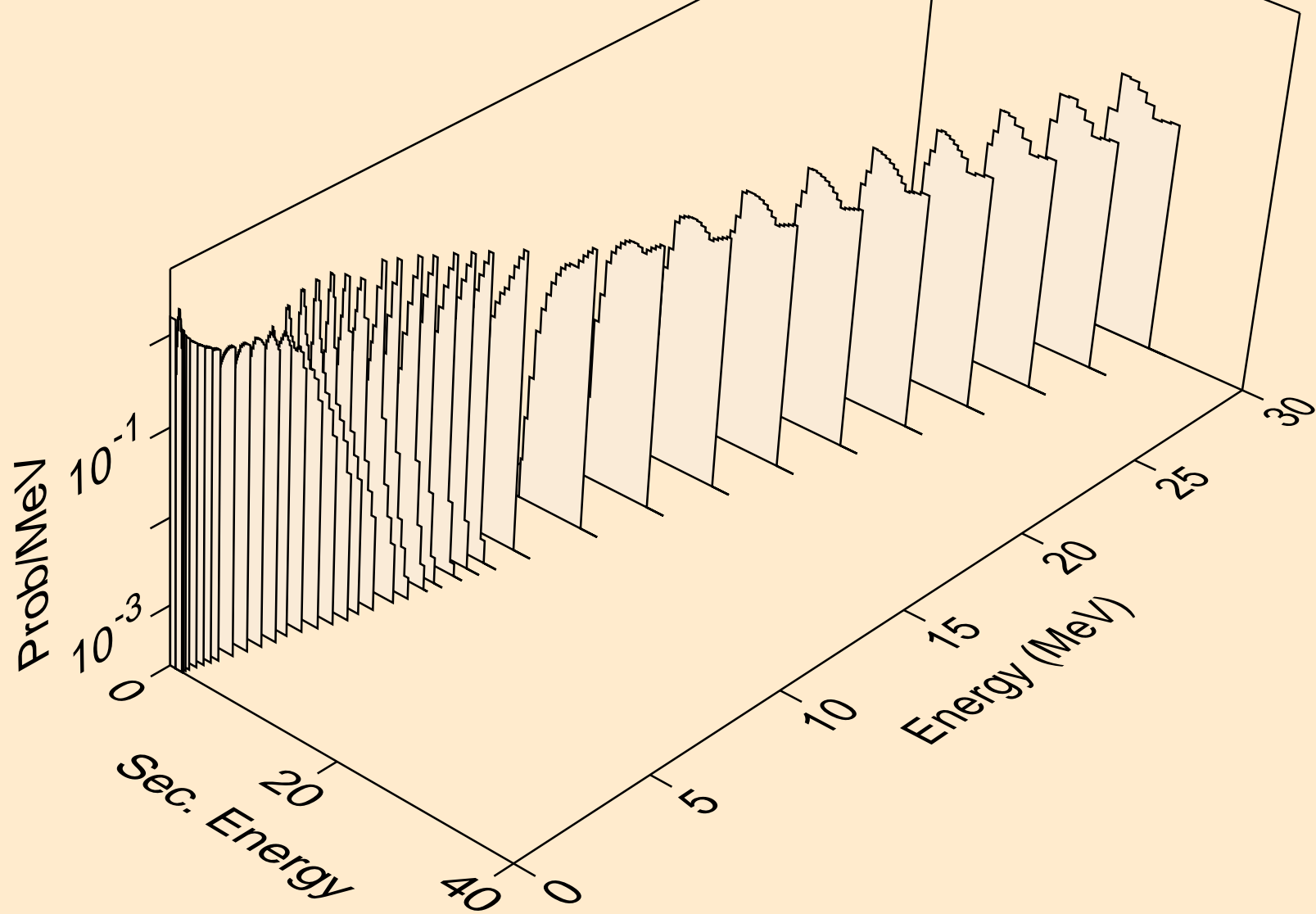
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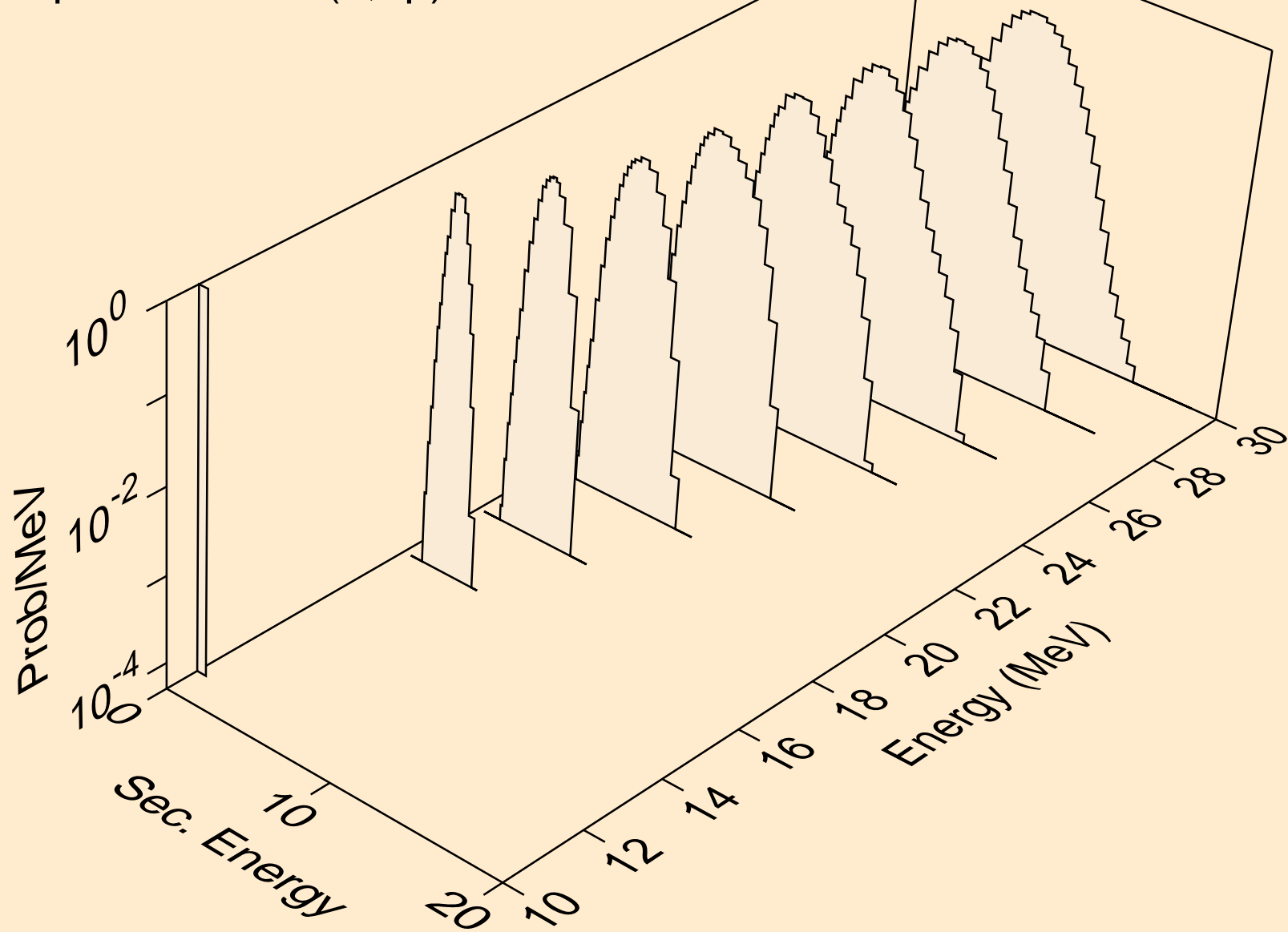
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protons from (n,npa)



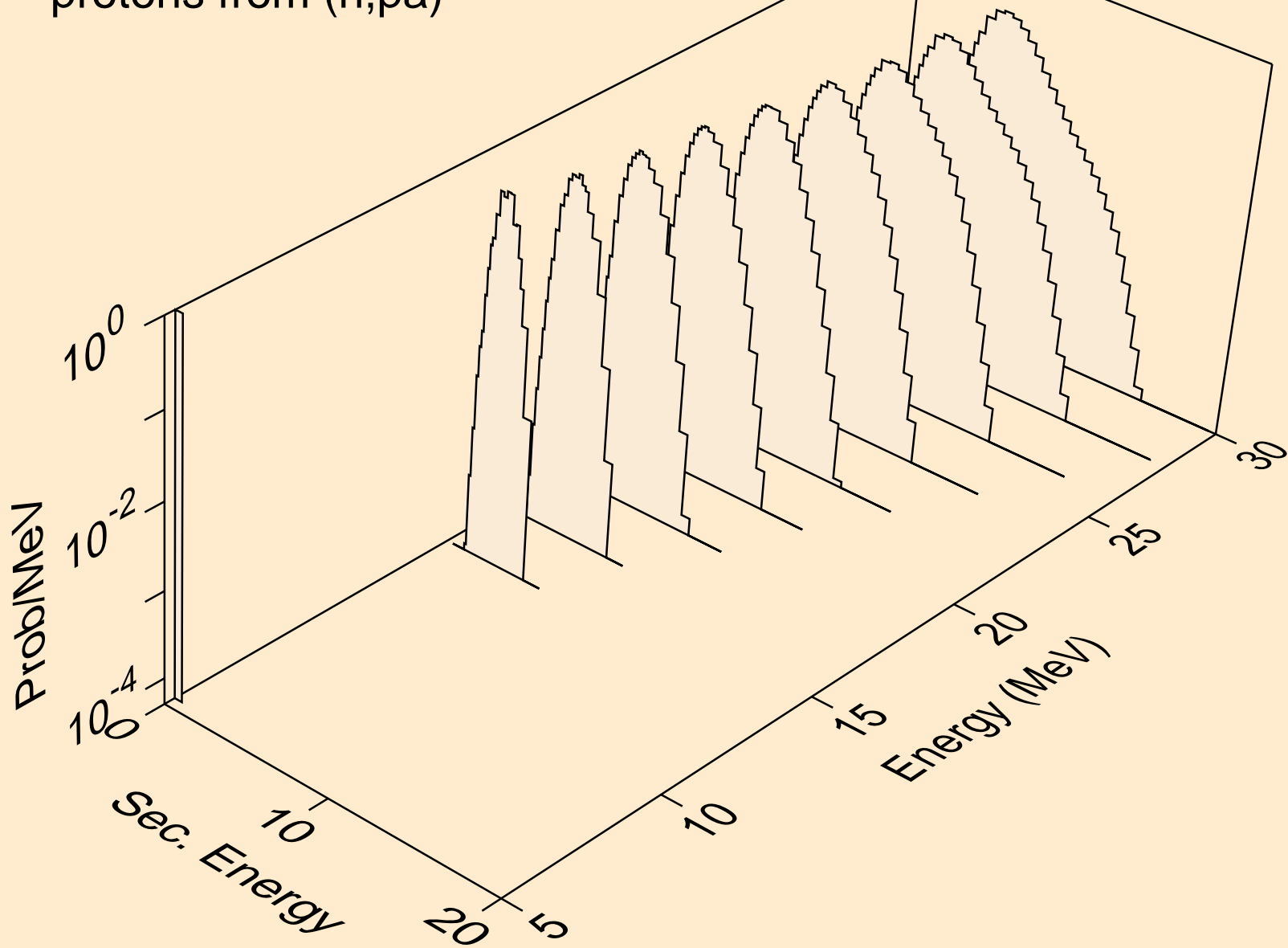
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protons from (n,p)



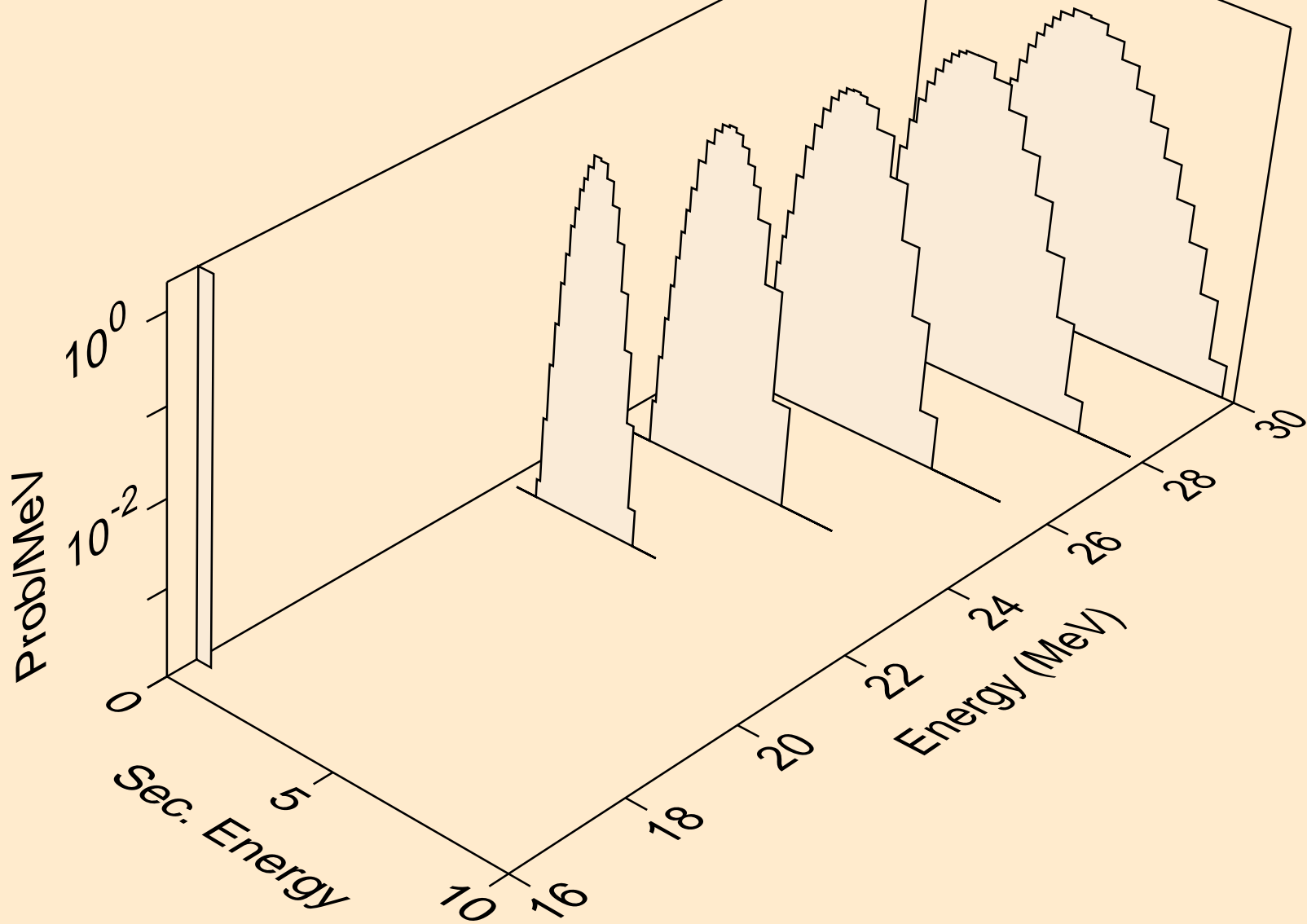
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protons from (n,2p)



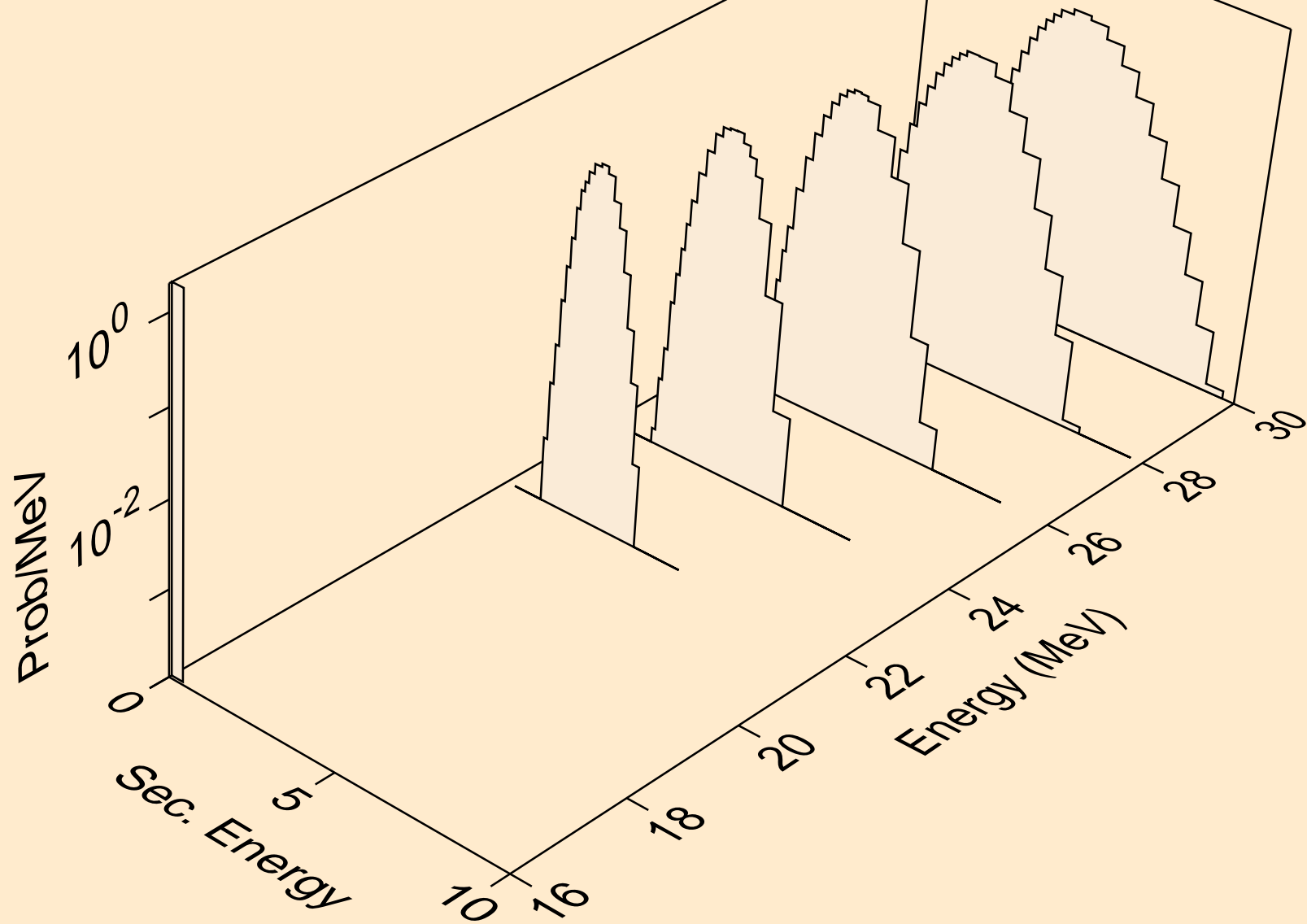
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pa)



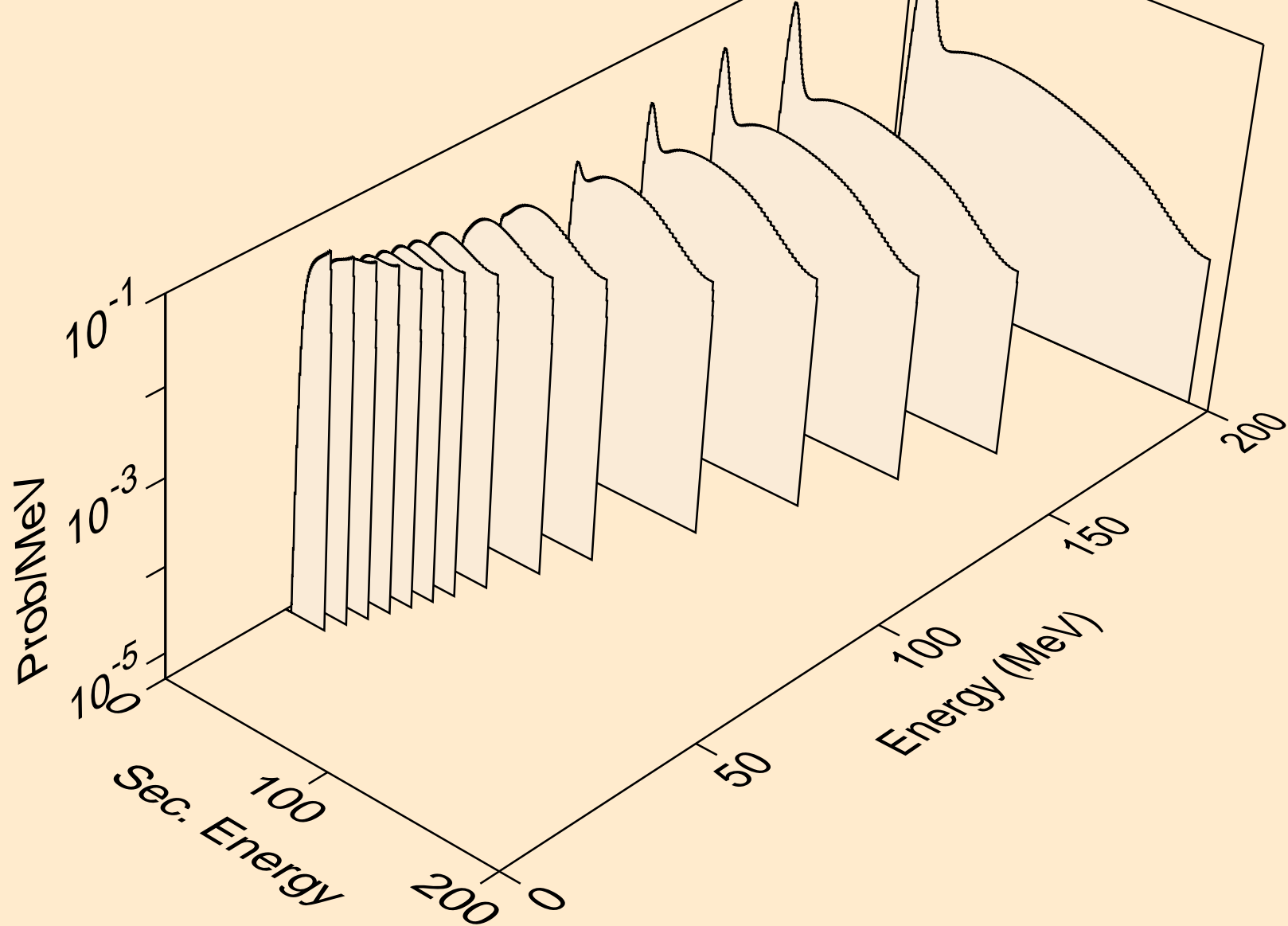
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

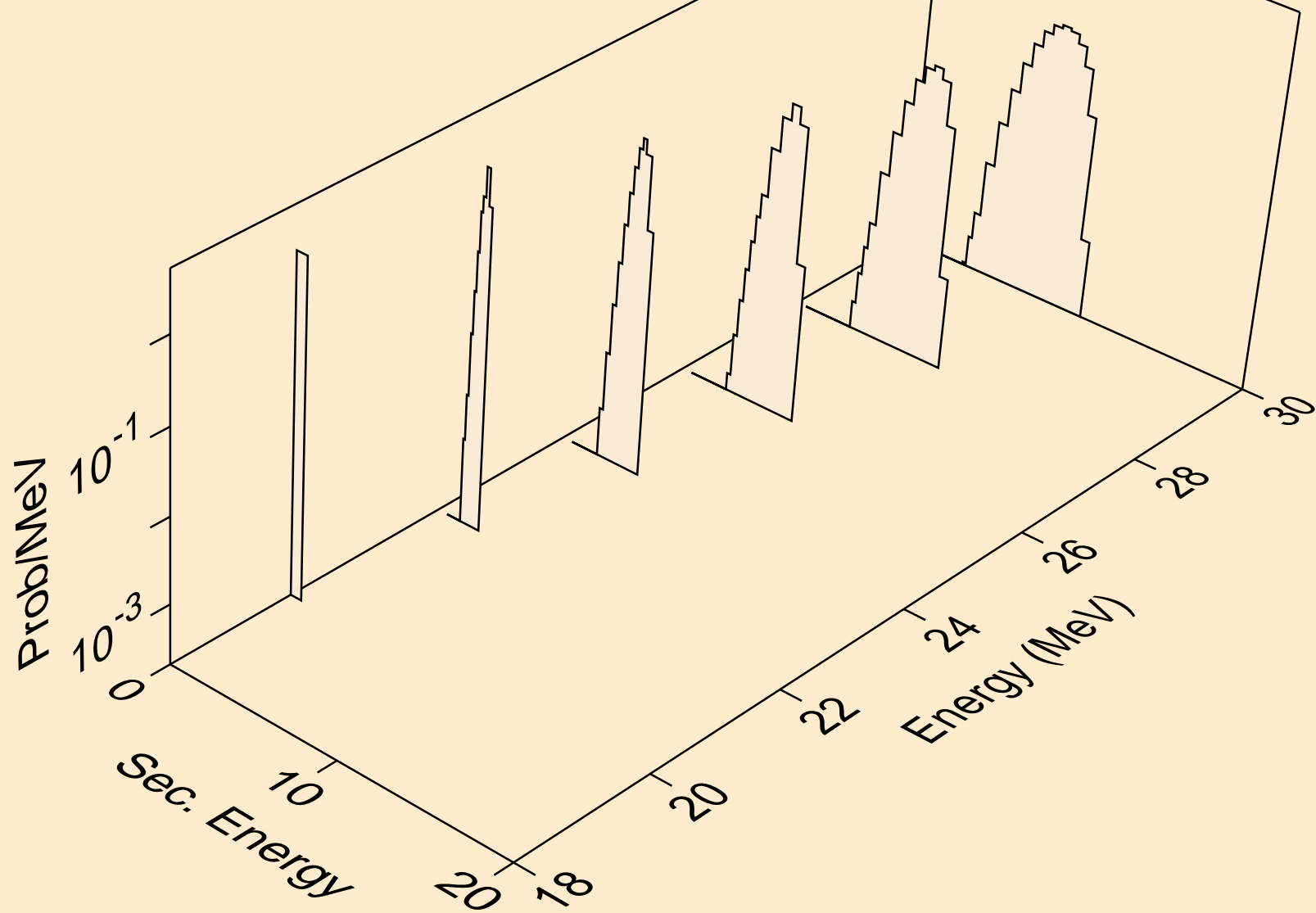


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

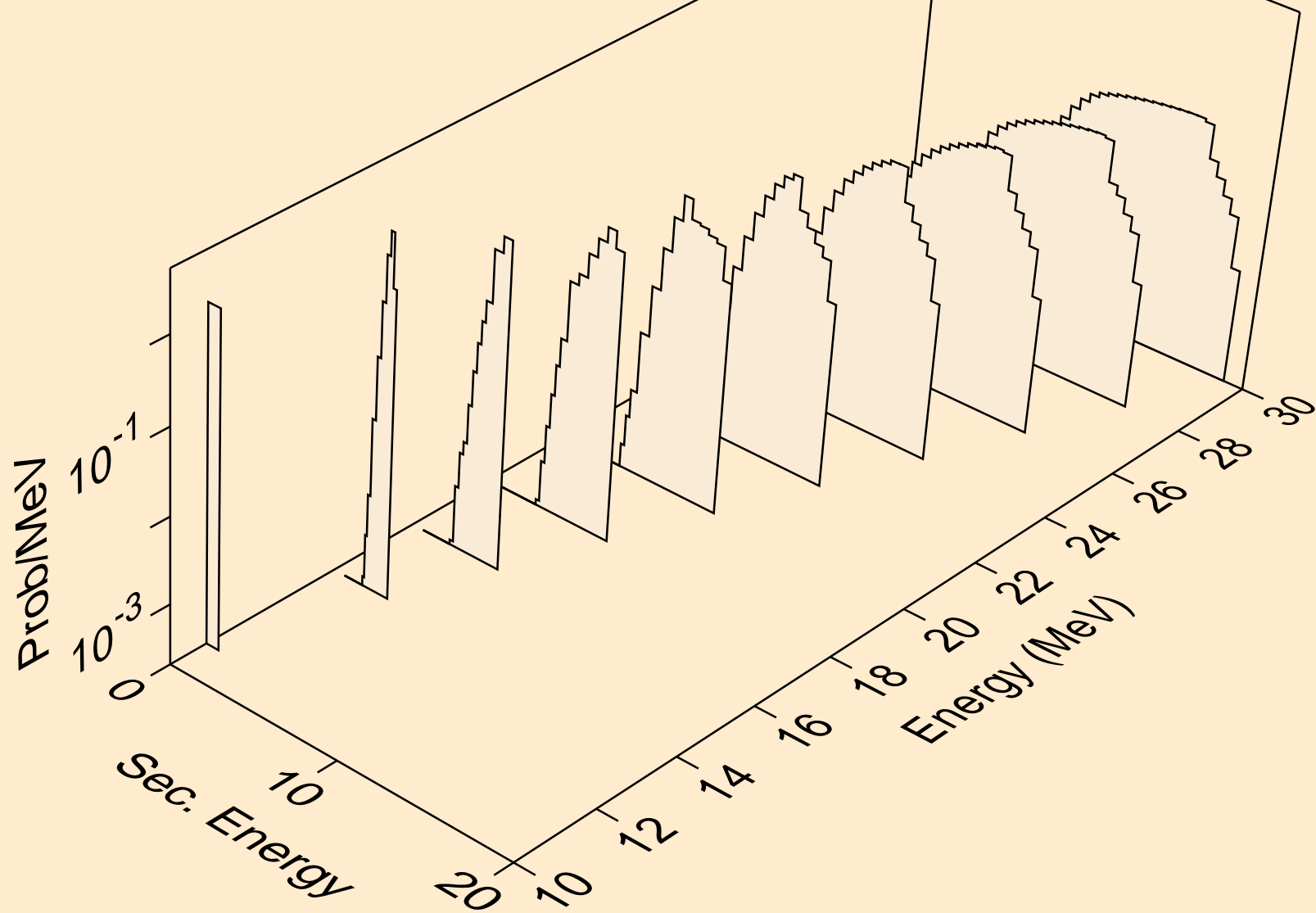




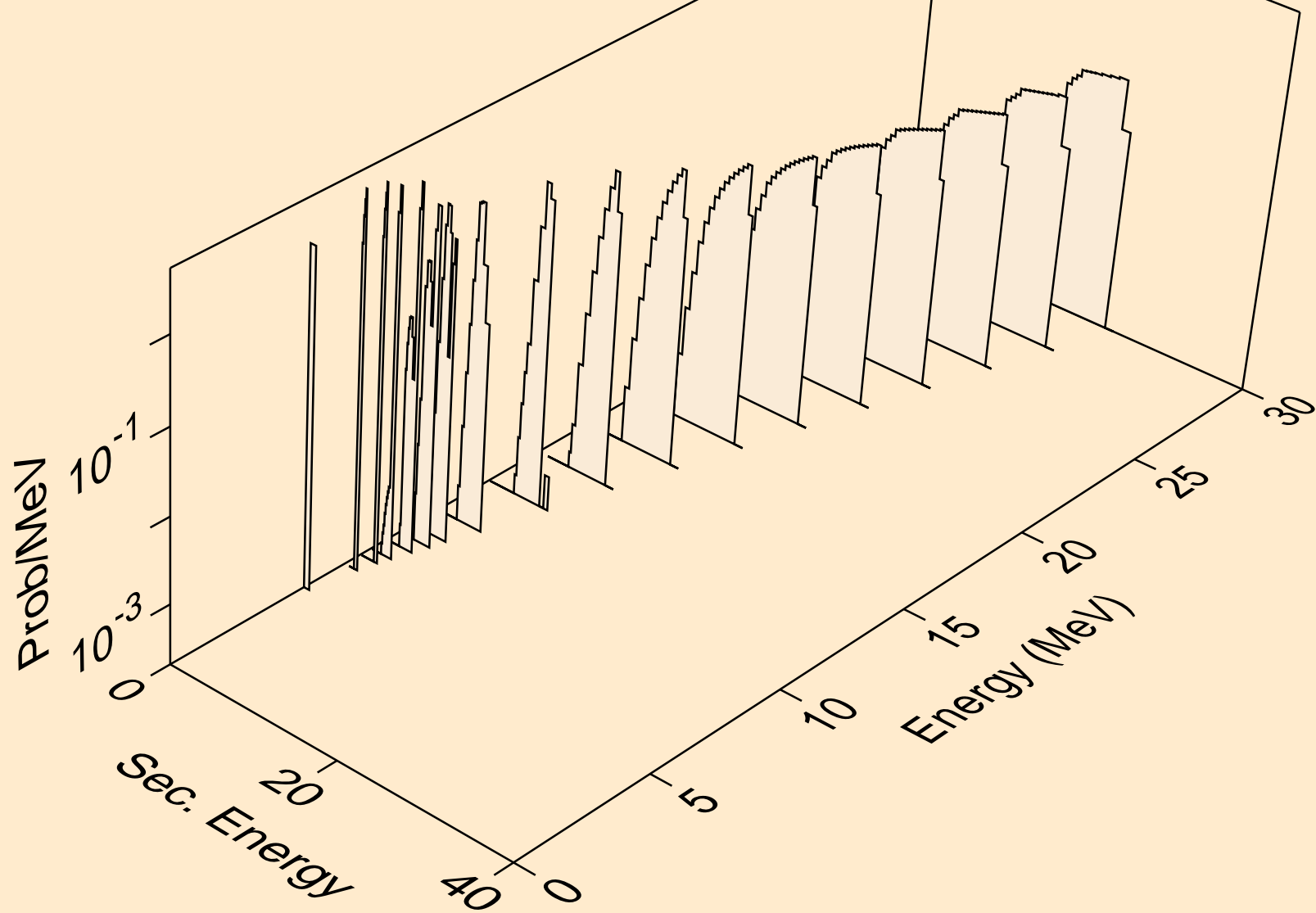
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deuterons from (n,2nd)



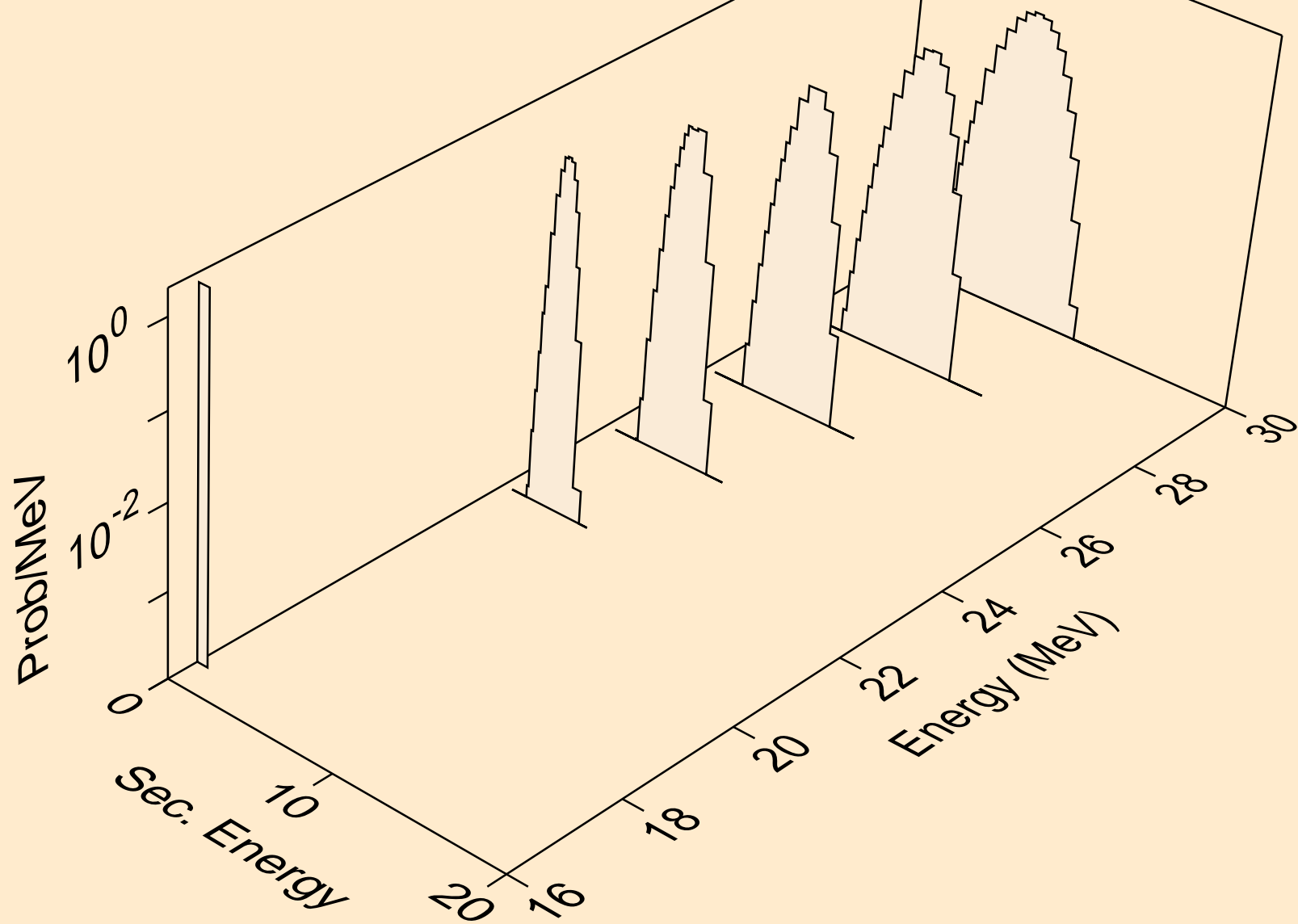
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



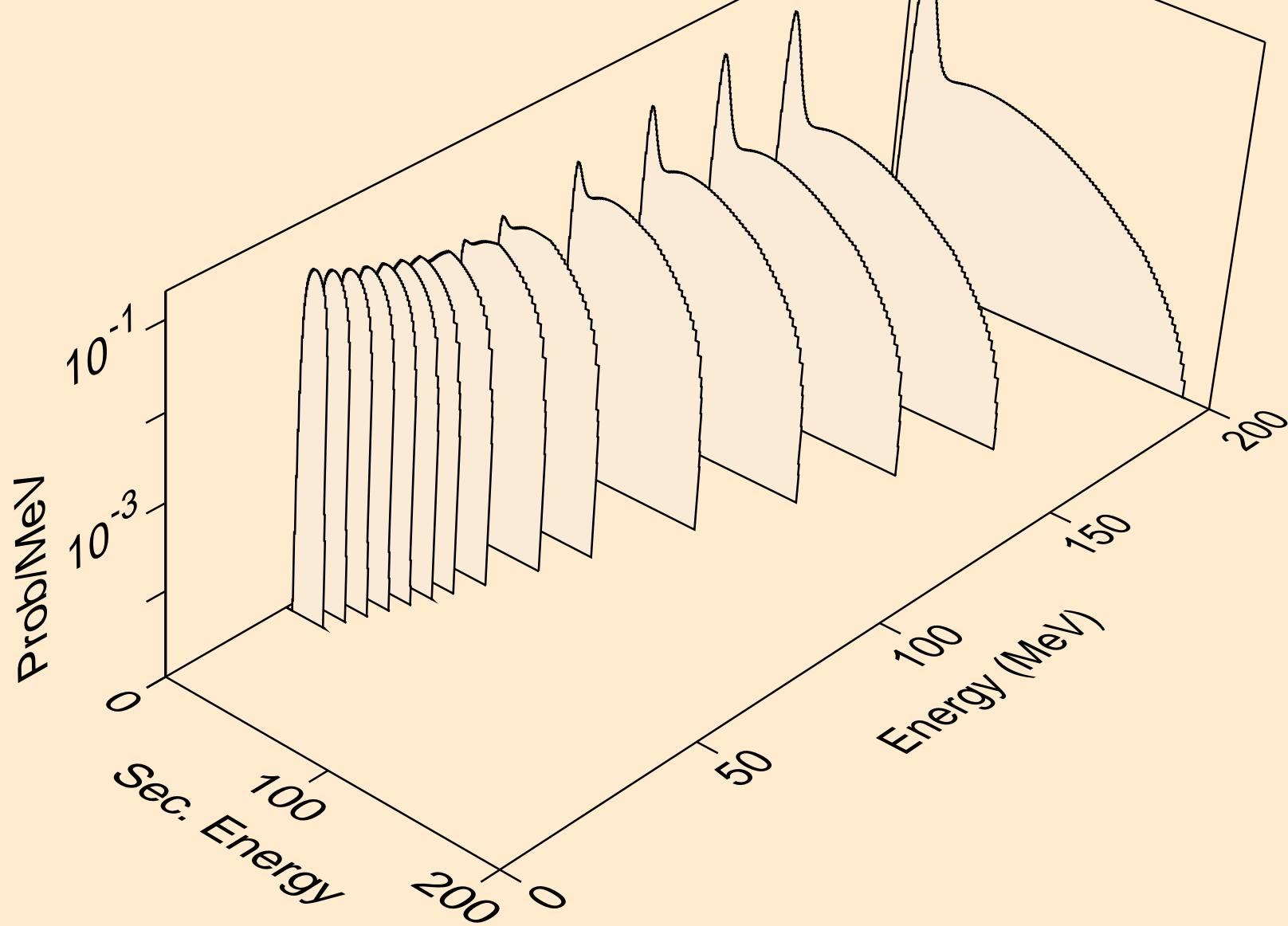
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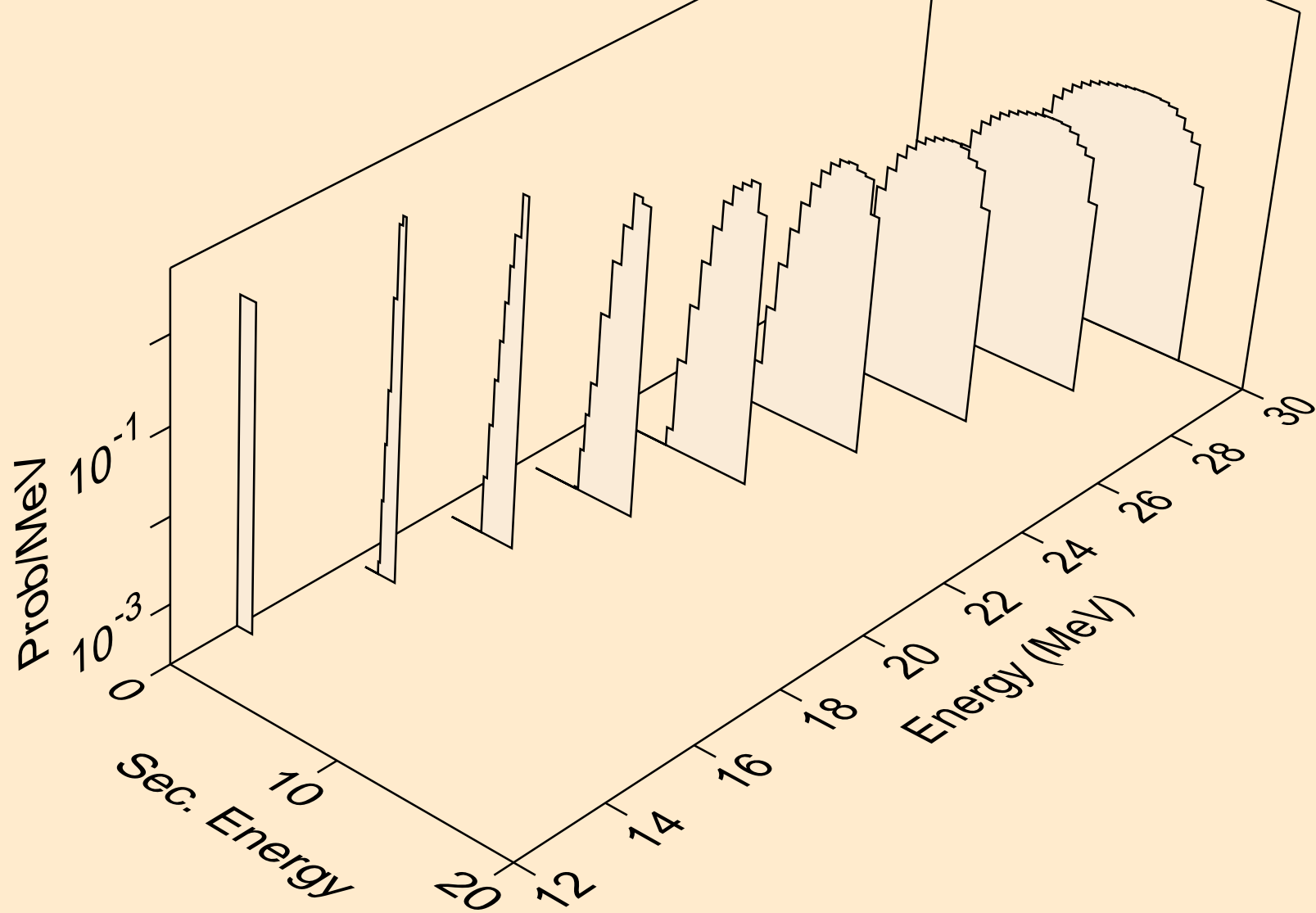
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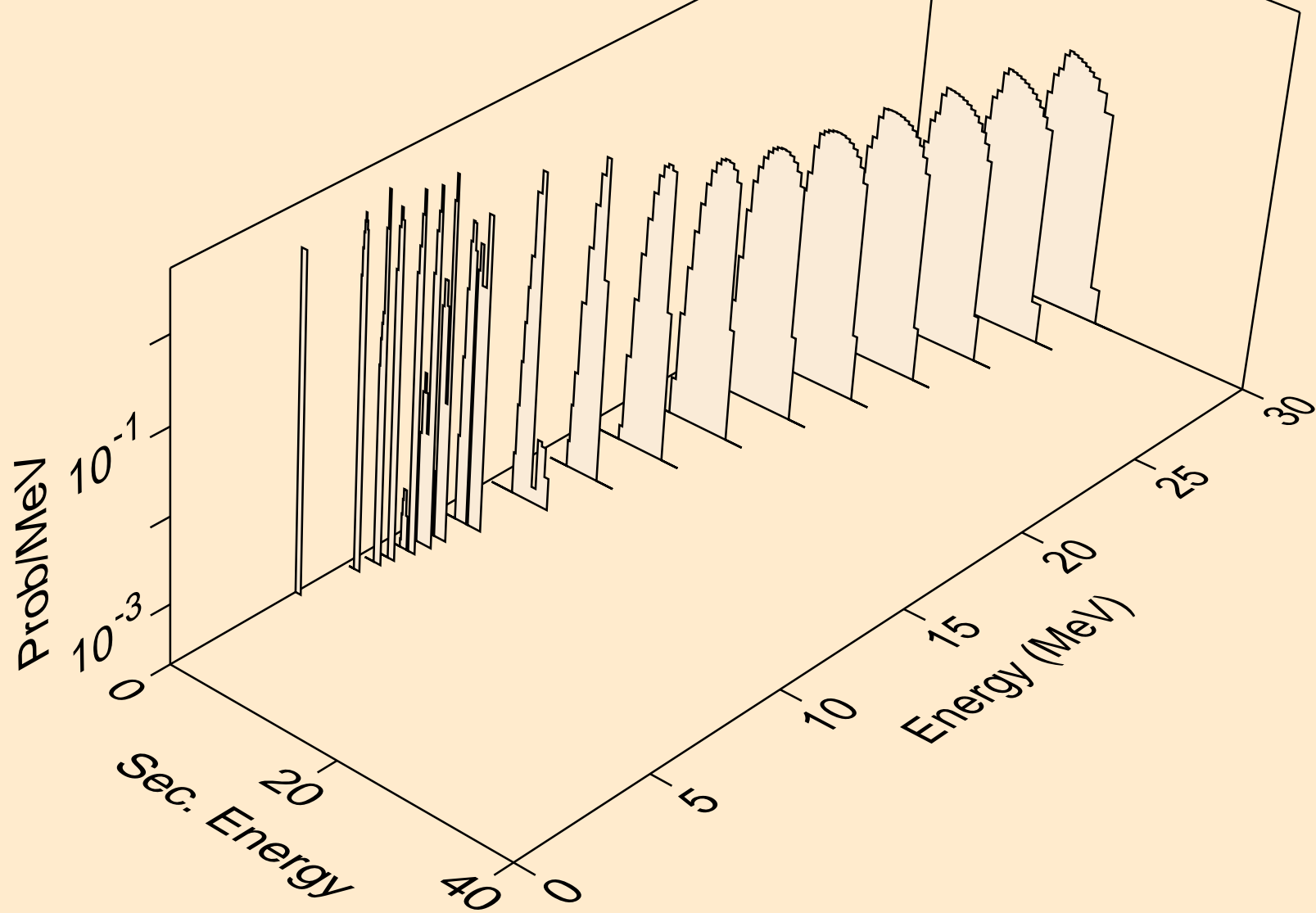
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tritons from (n,x)



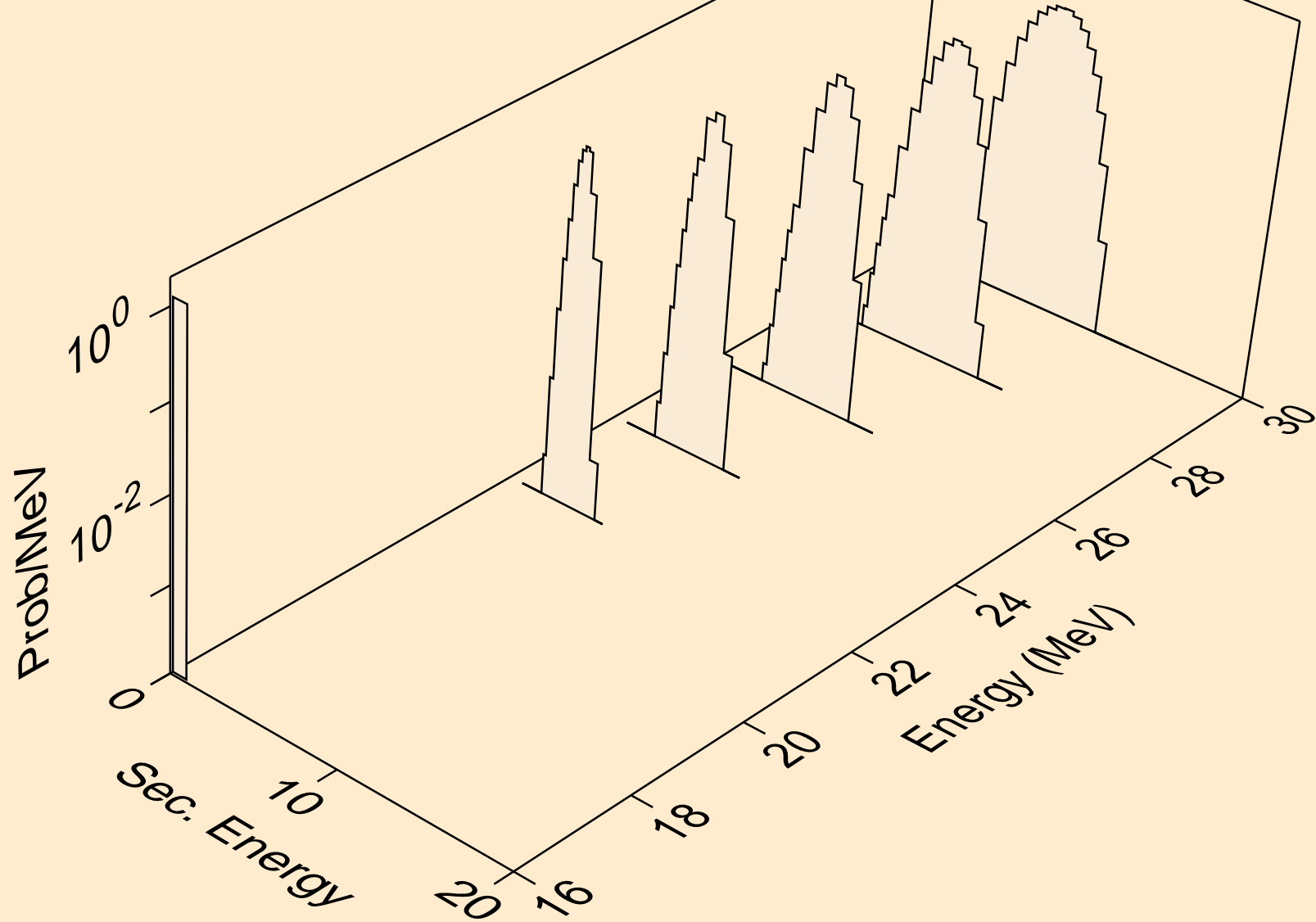
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

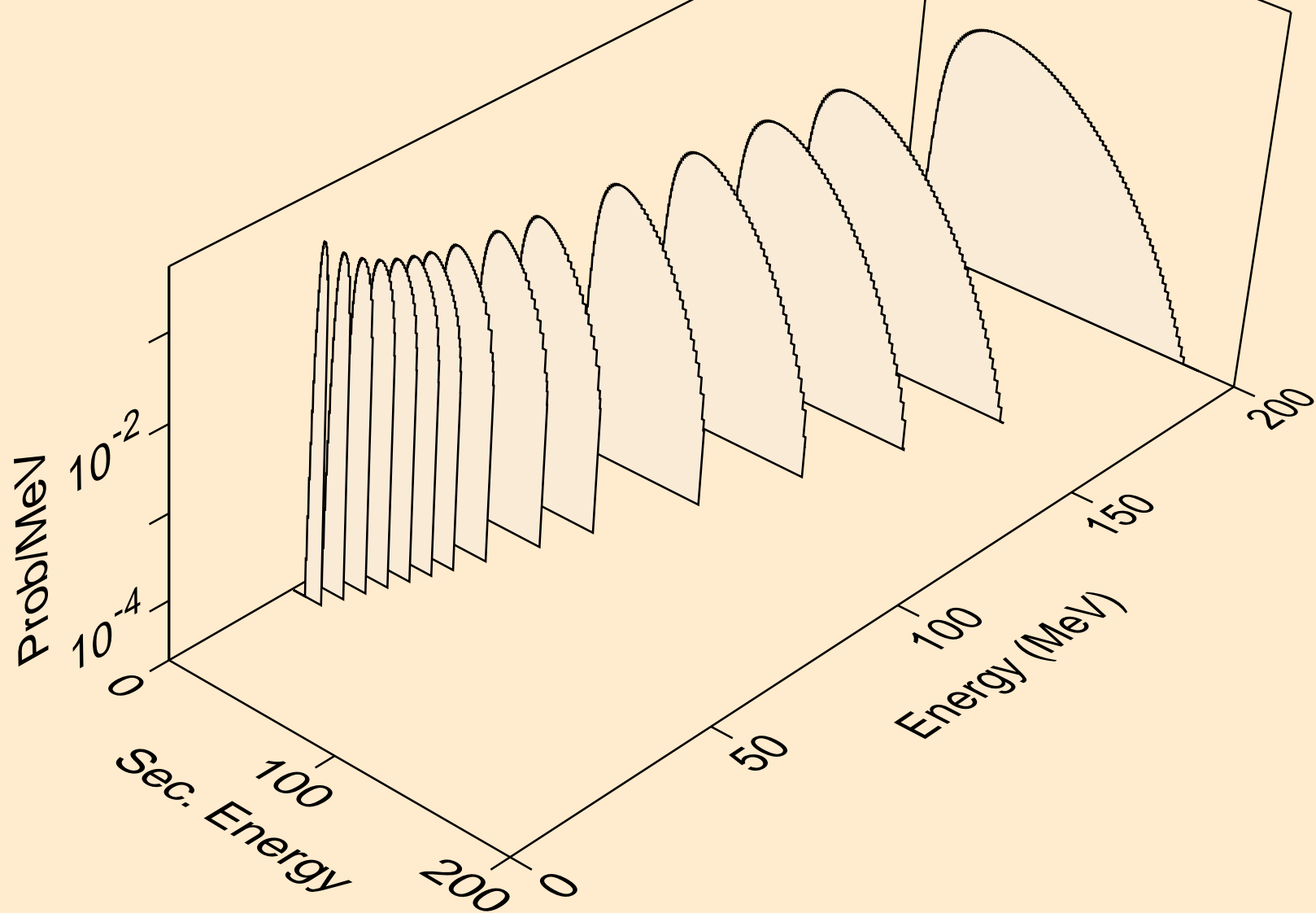


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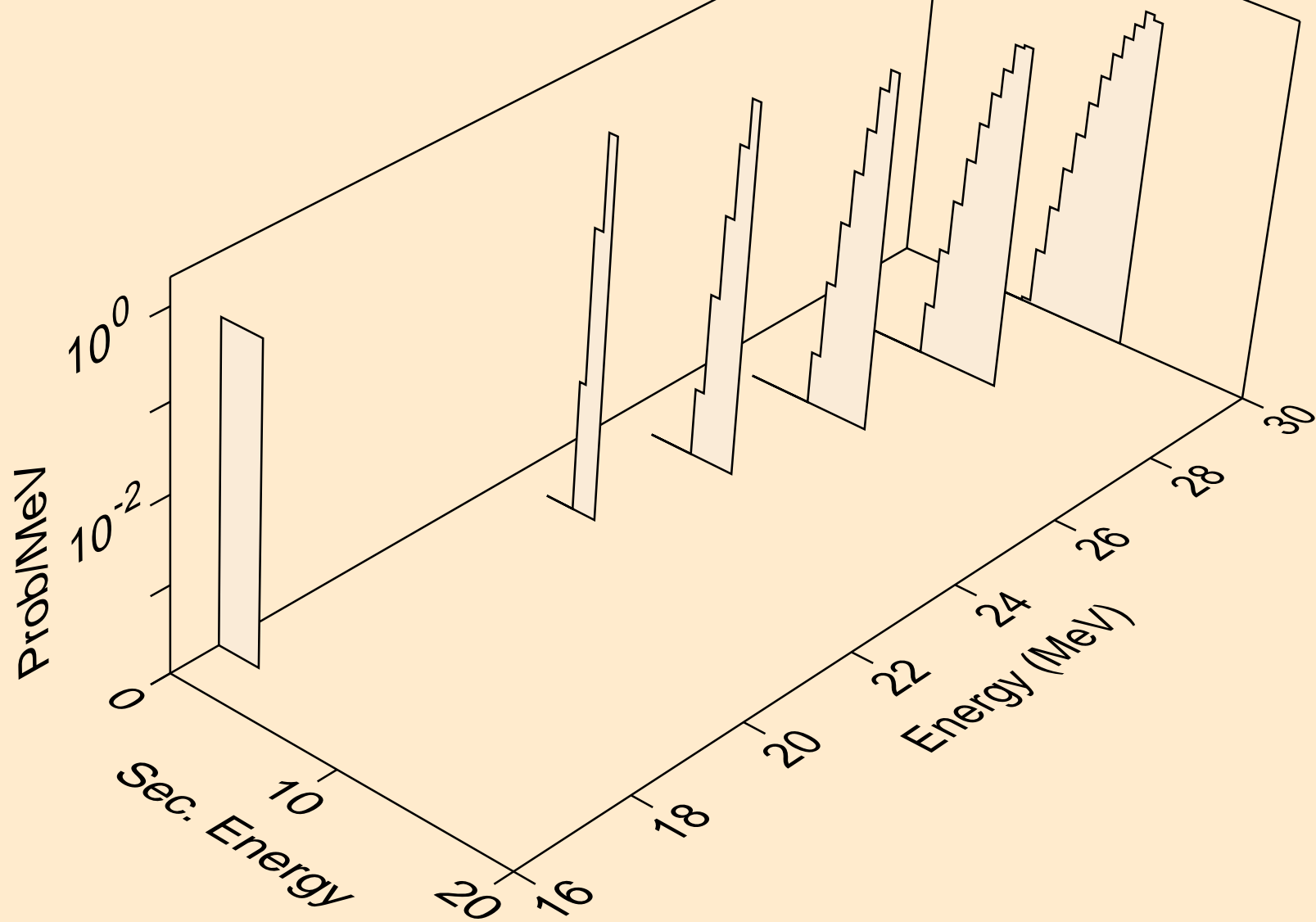




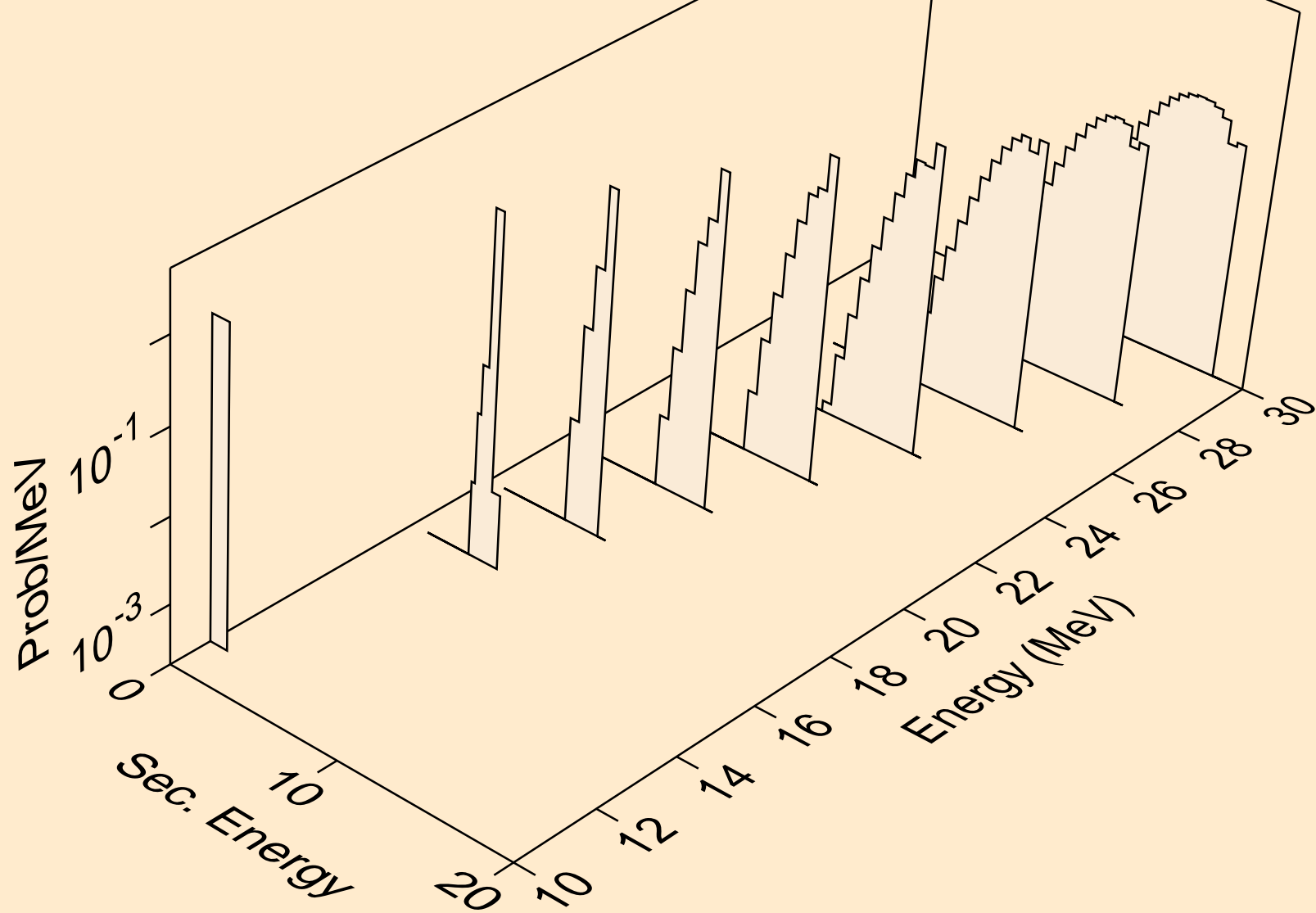
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he3s from (n,x)



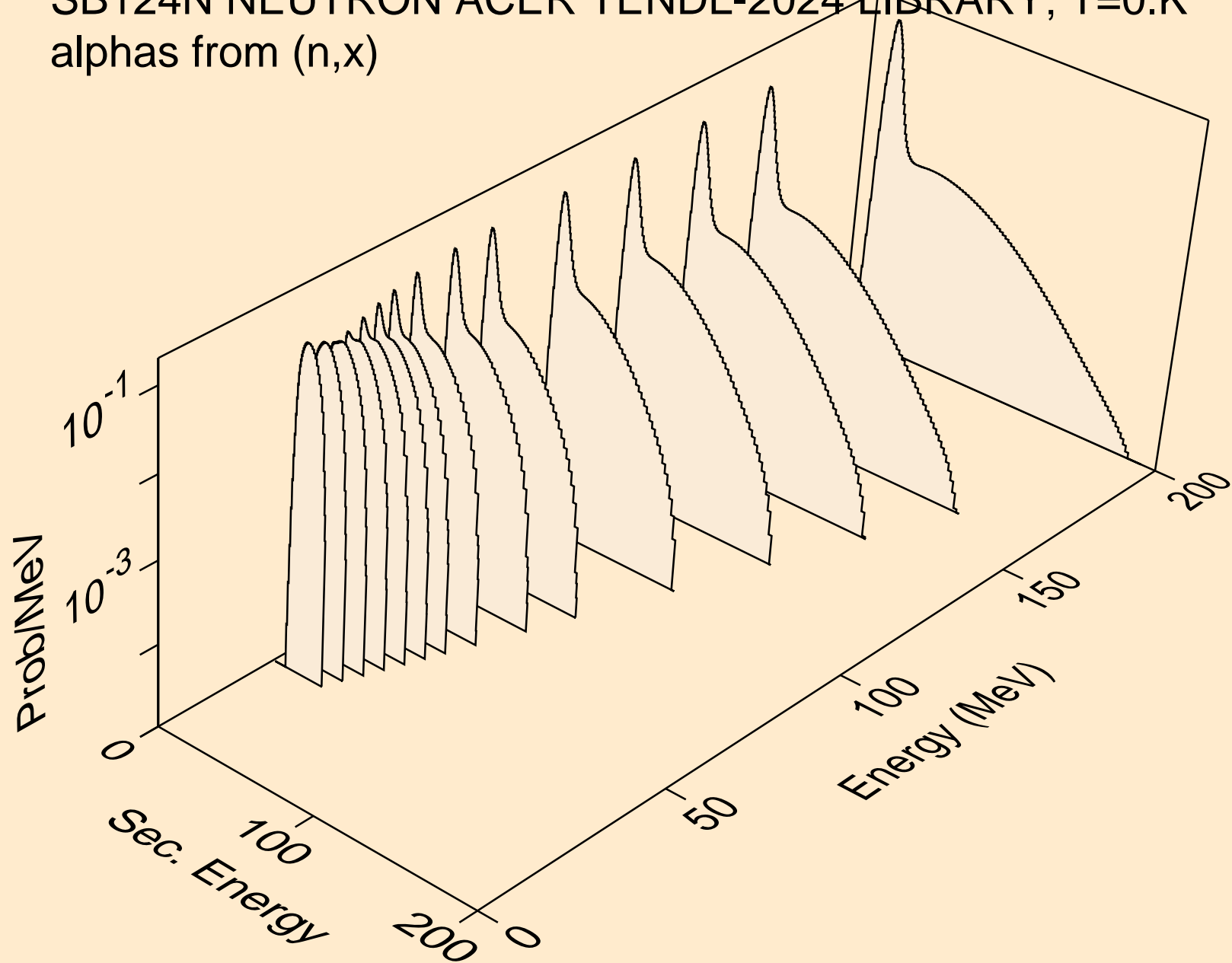
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he3s from (n,n\*)he3



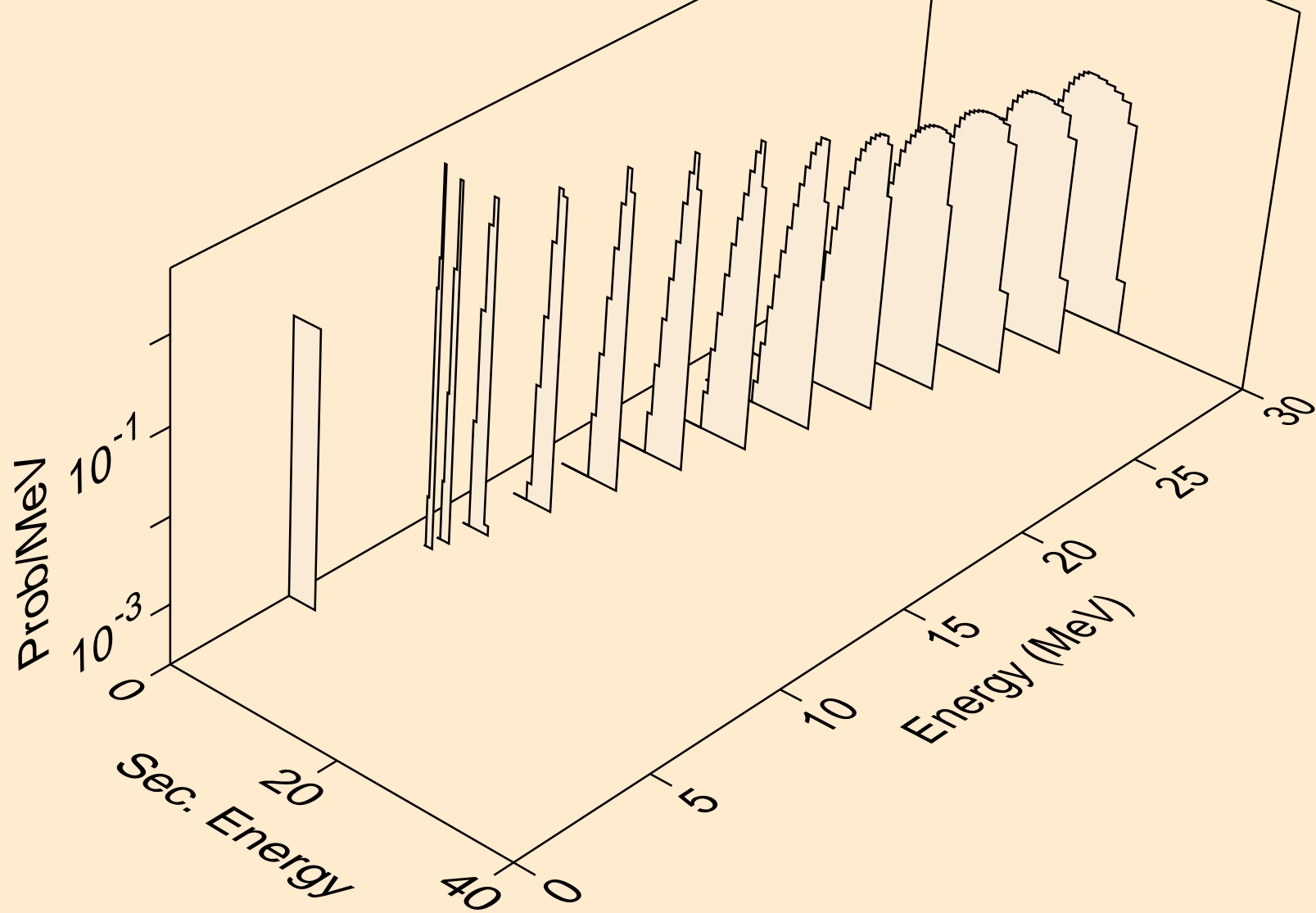
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he3s from (n,he3)



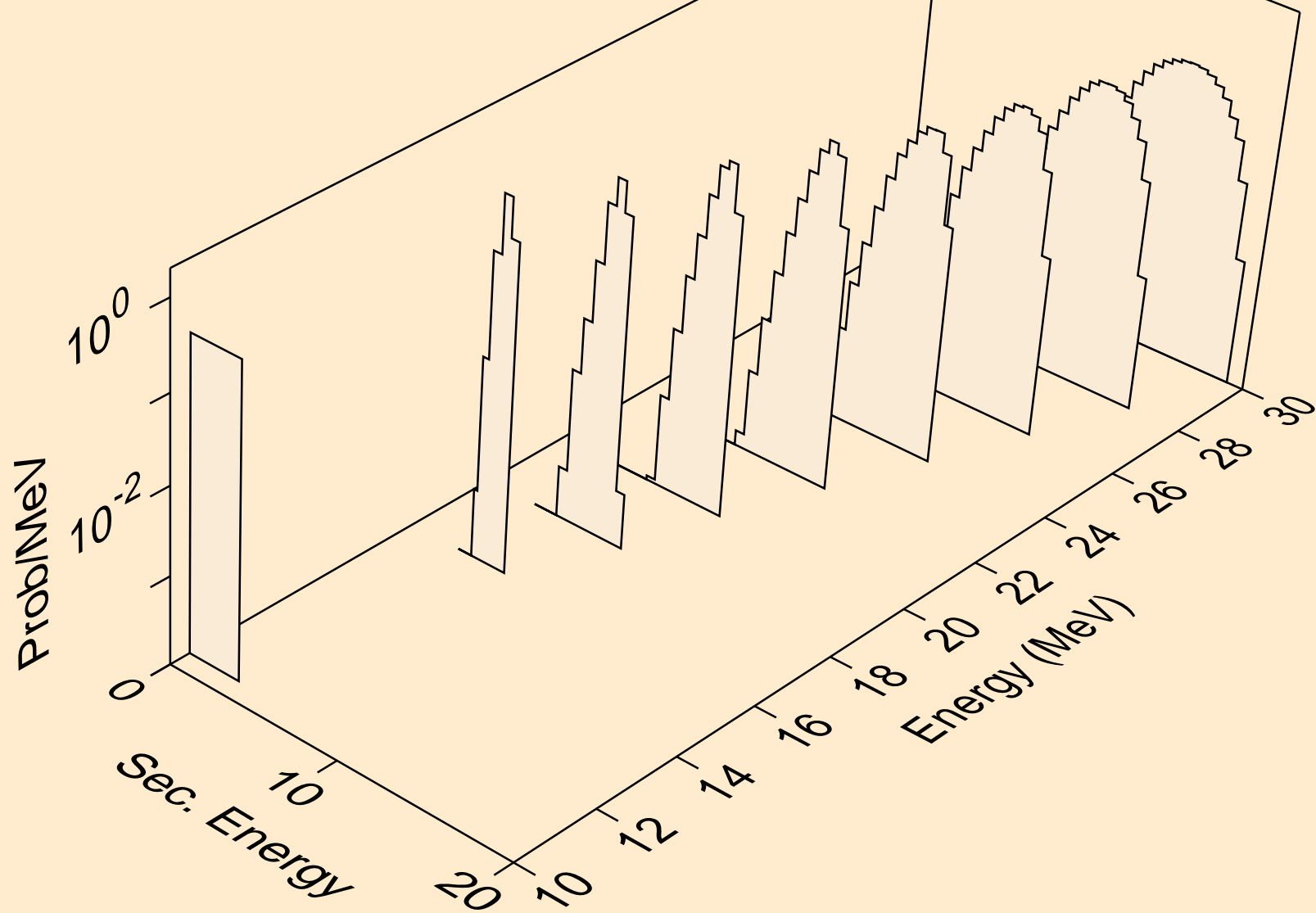
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



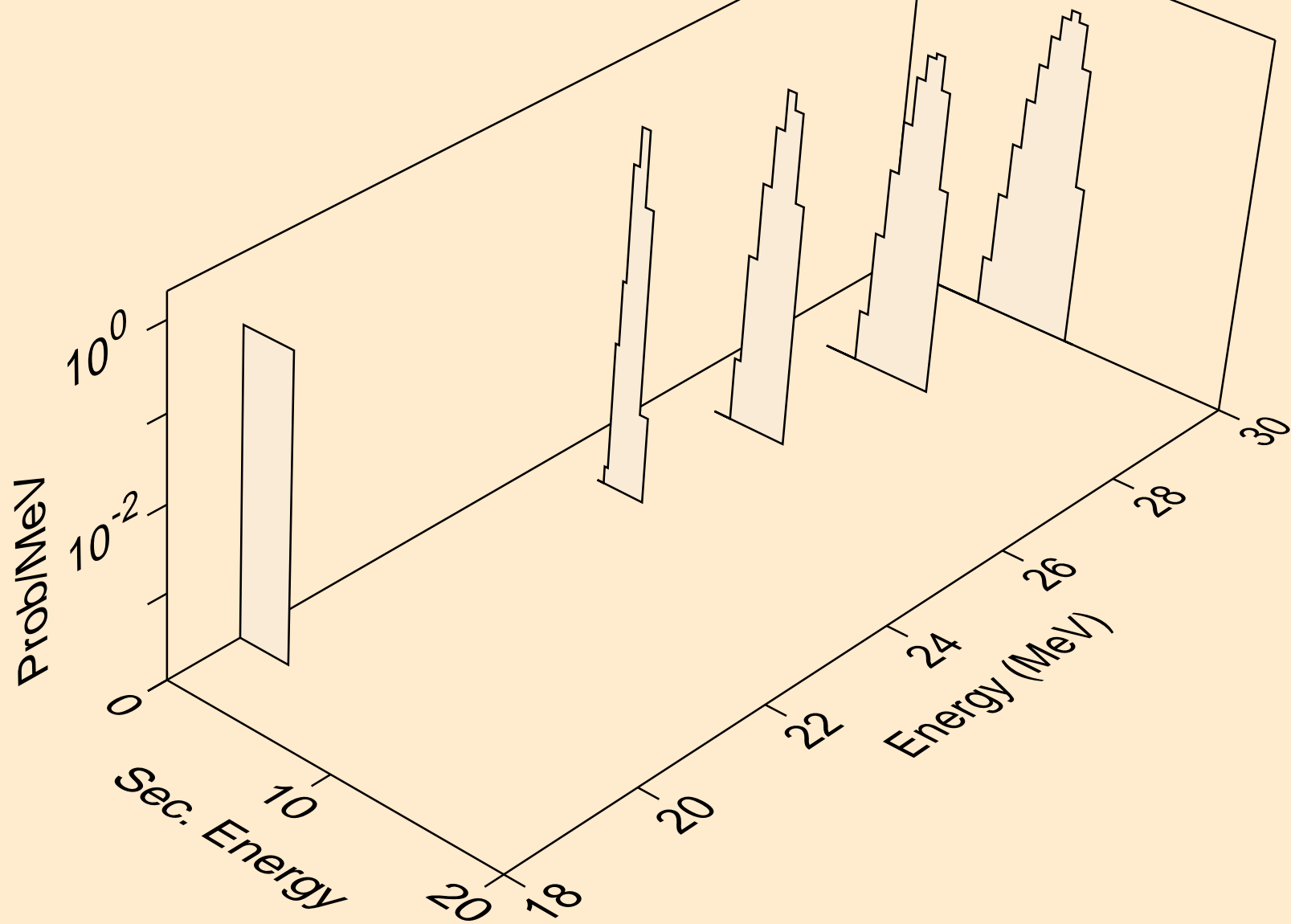
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



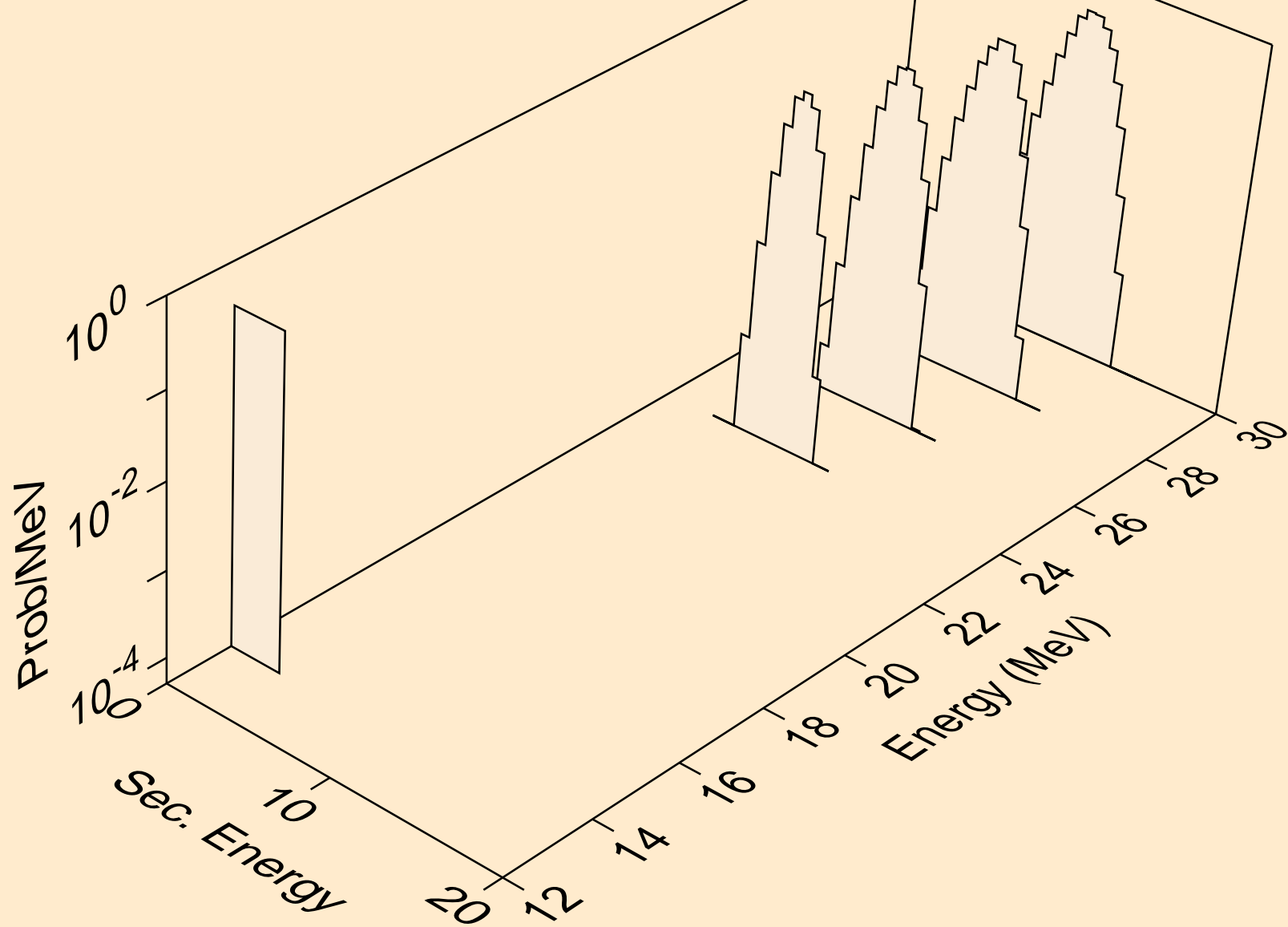
SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

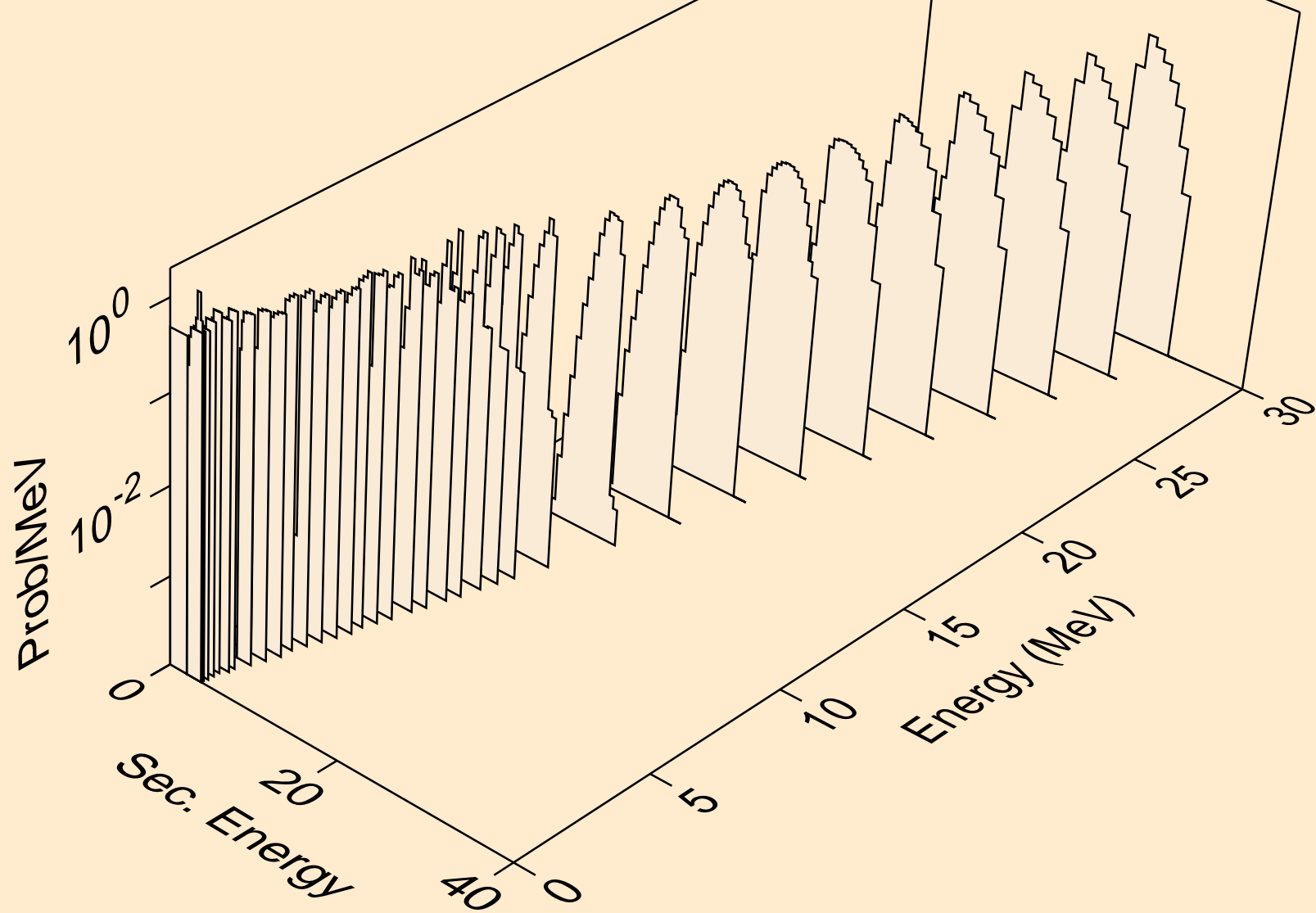


SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)





SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



SB124N NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

