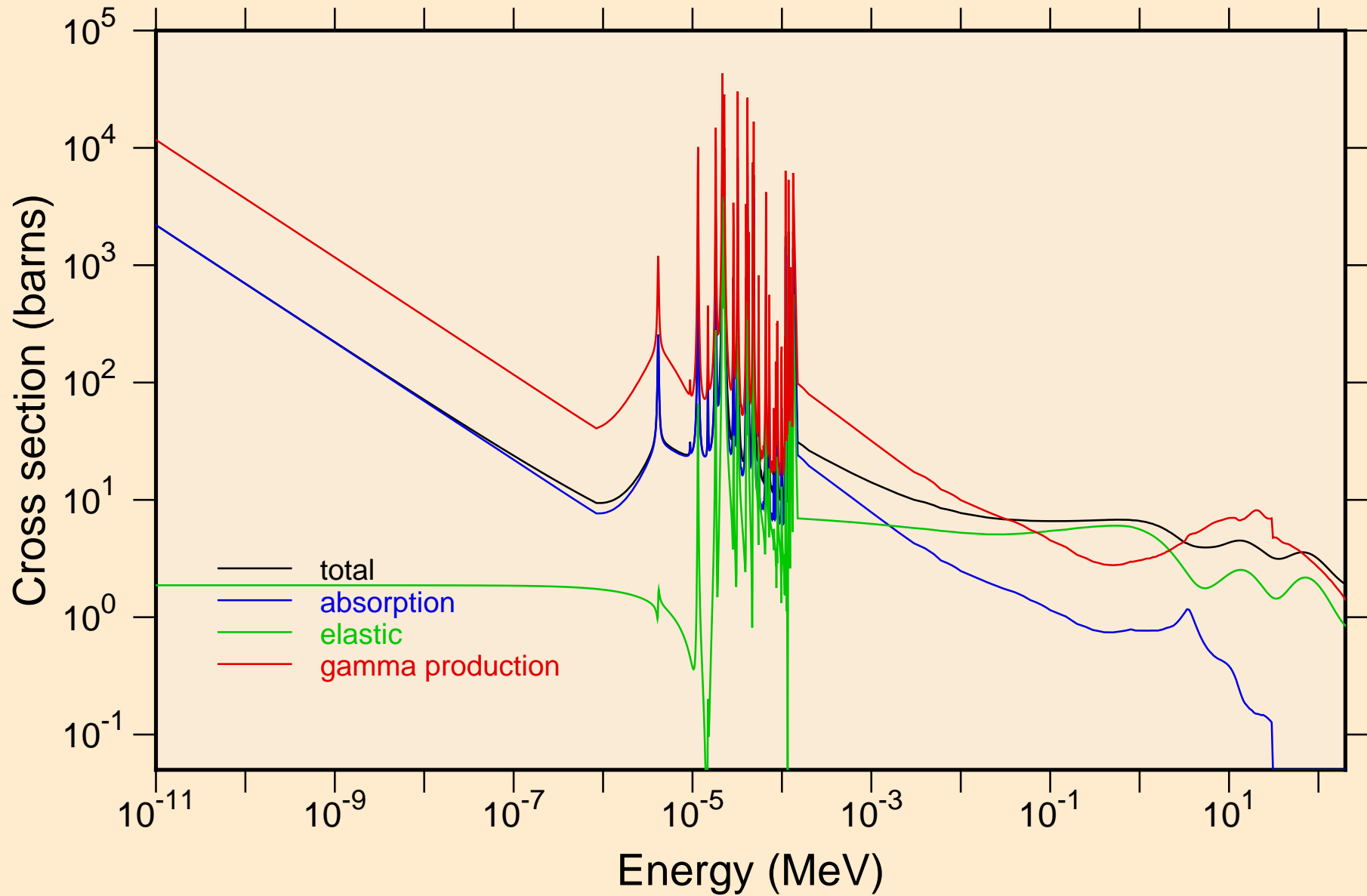
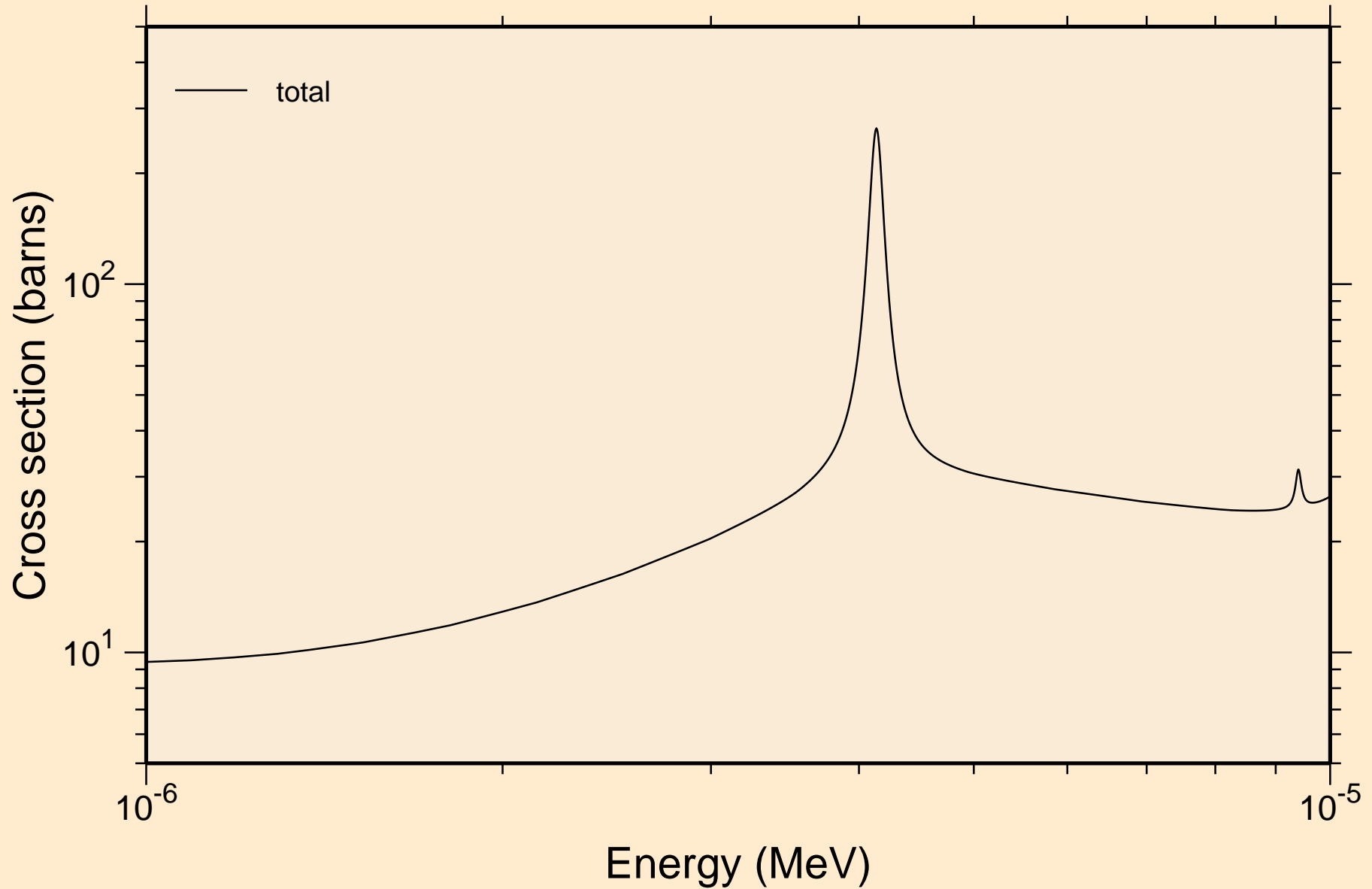


# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

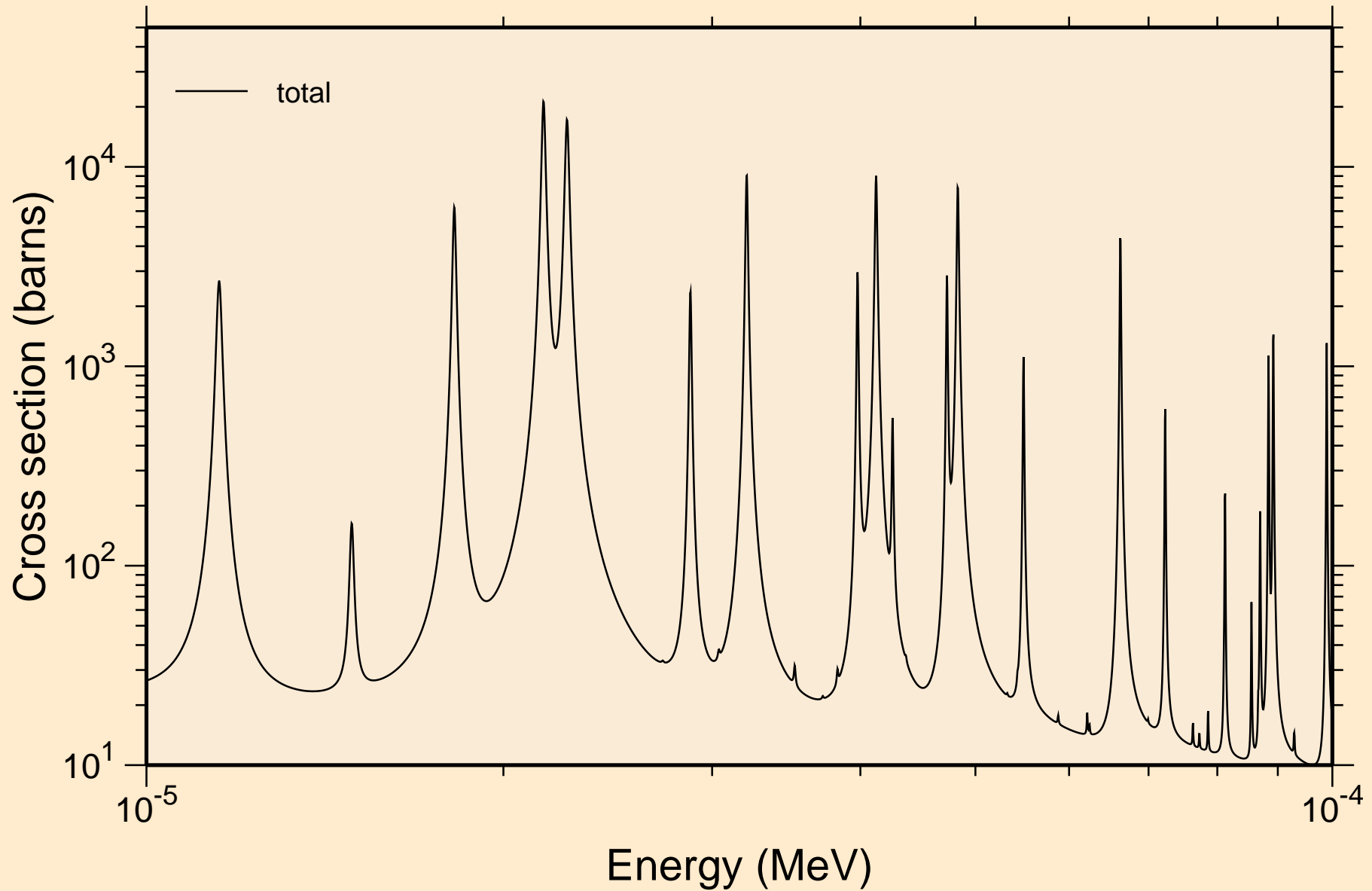
## Principal cross sections



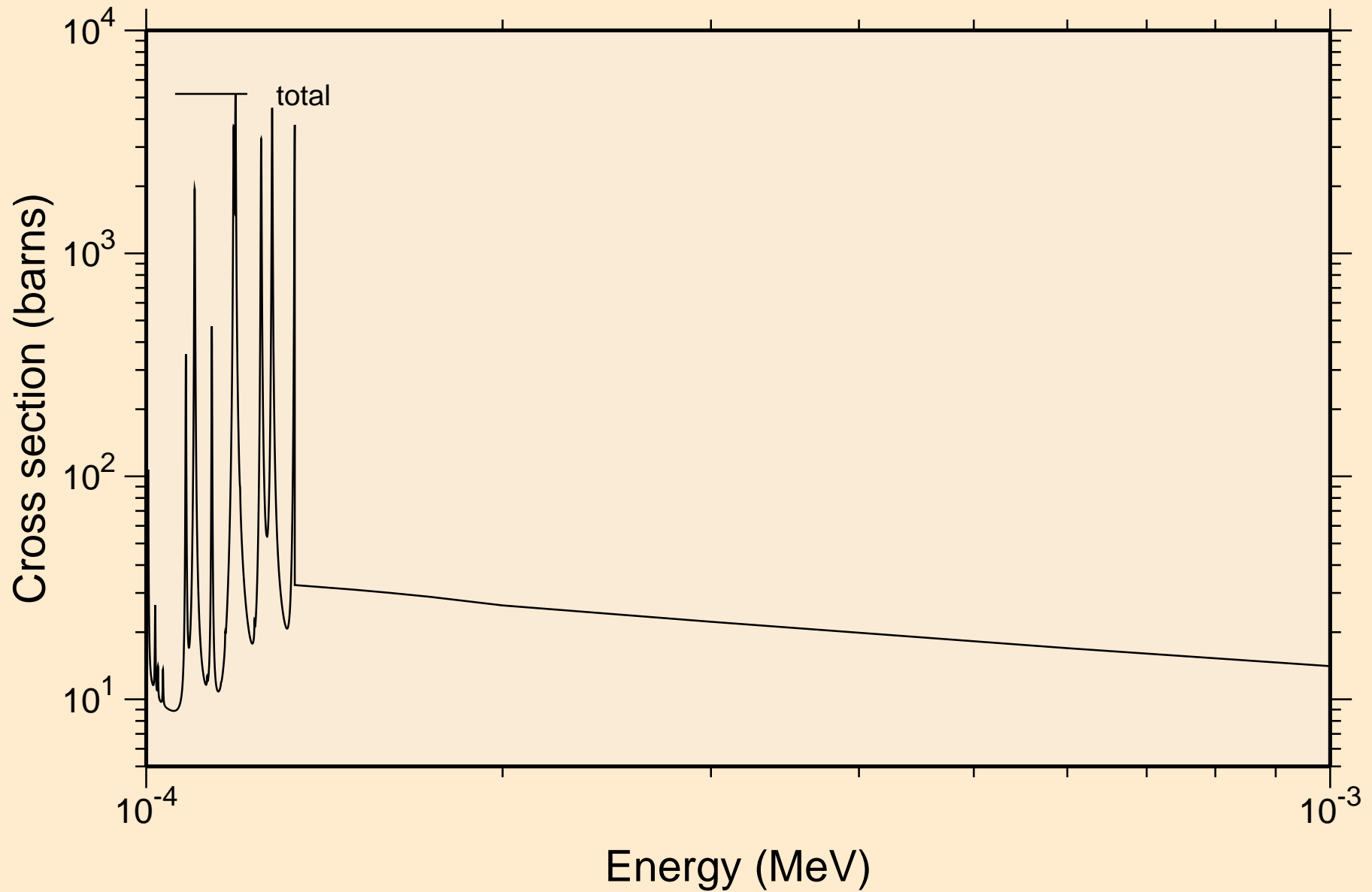
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



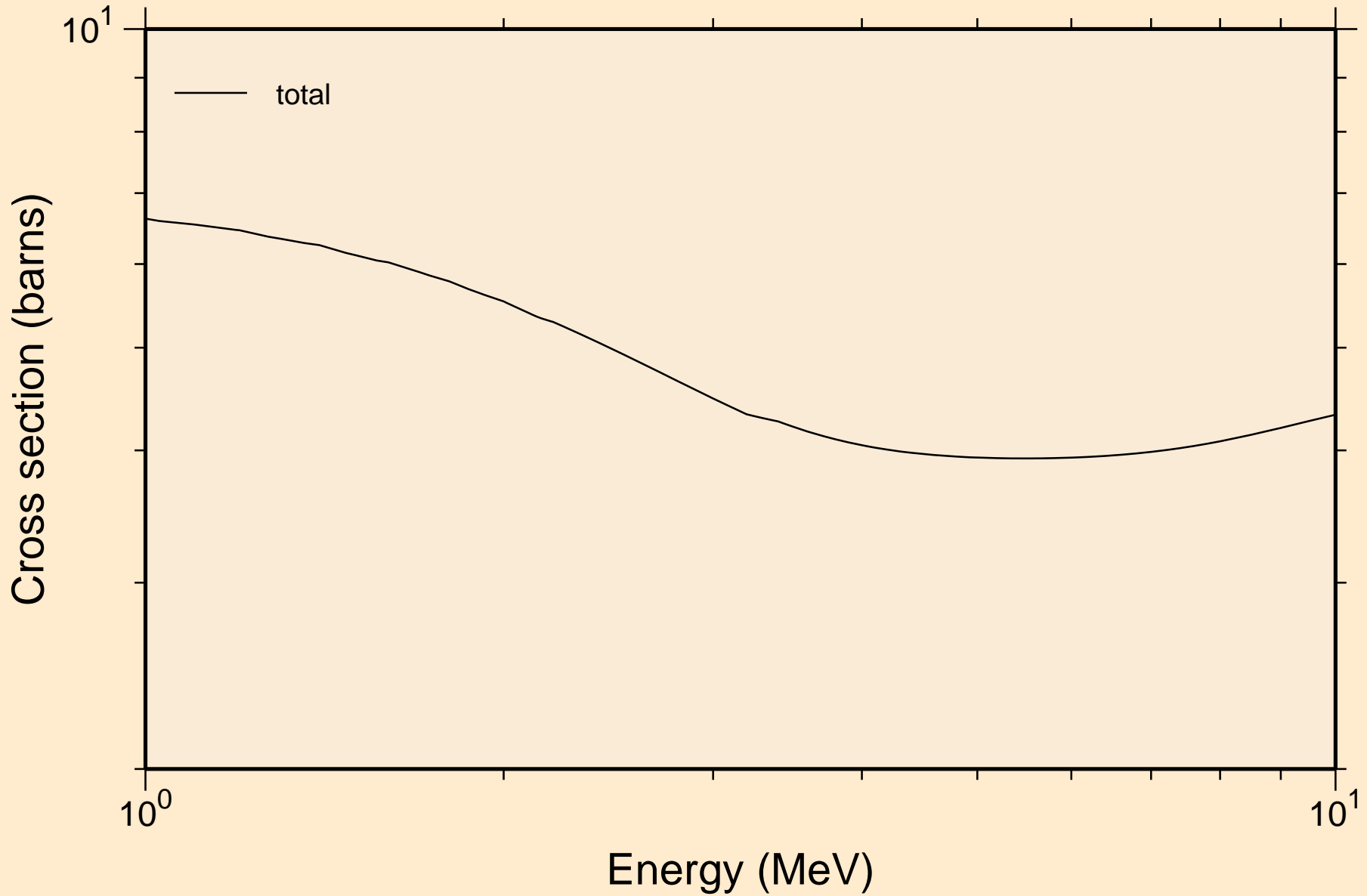
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resonance total cross section



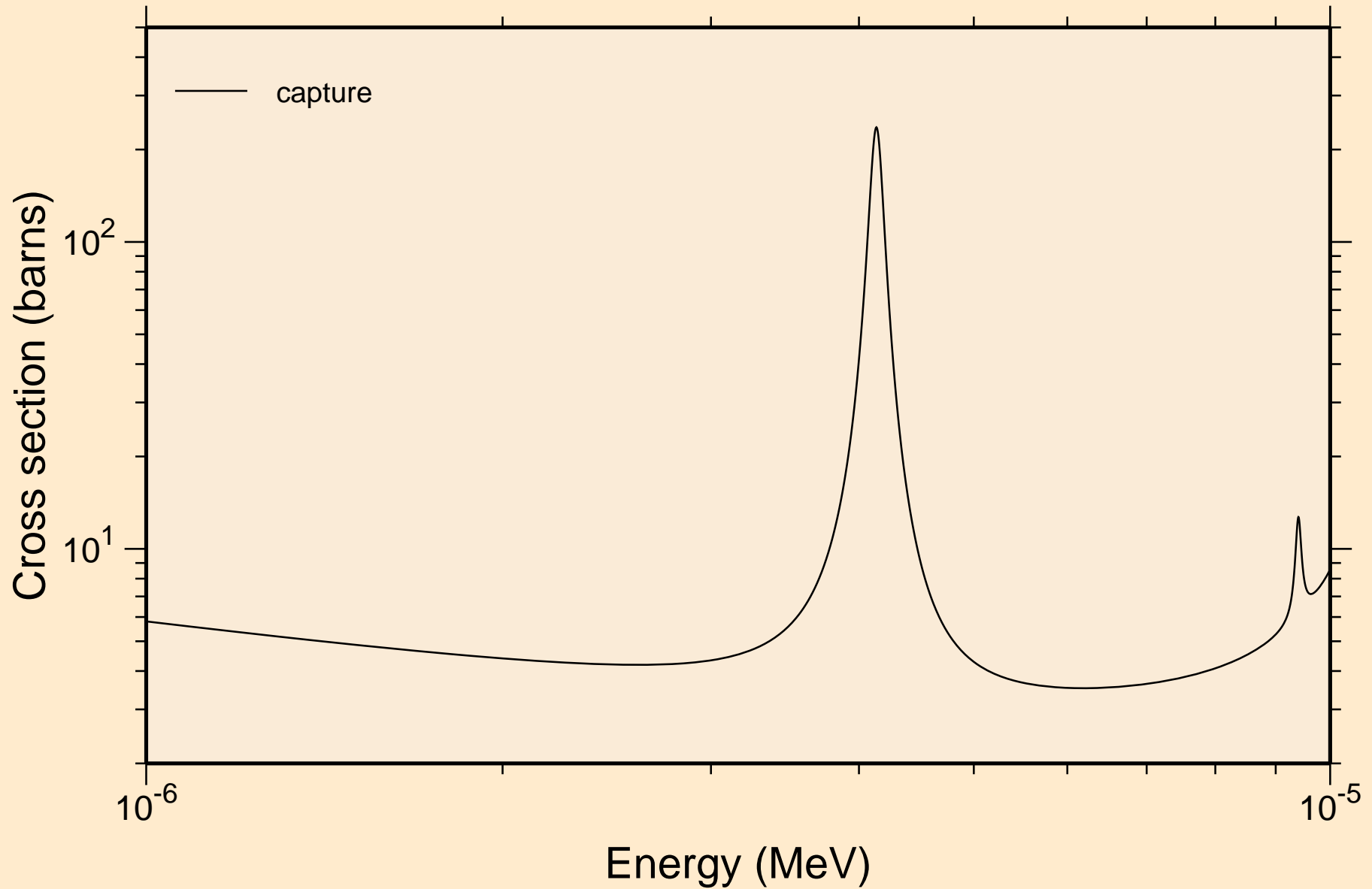
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



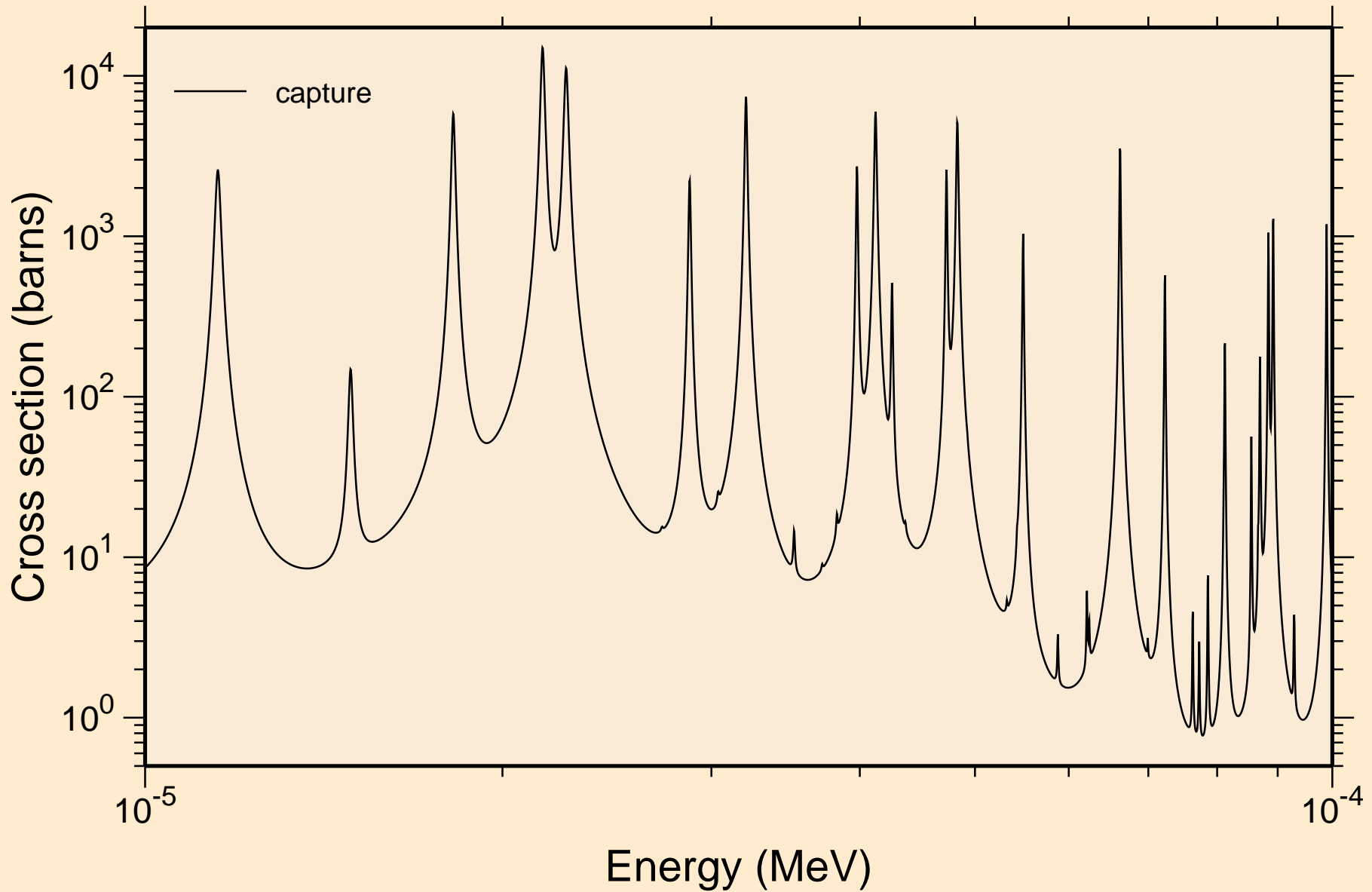
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



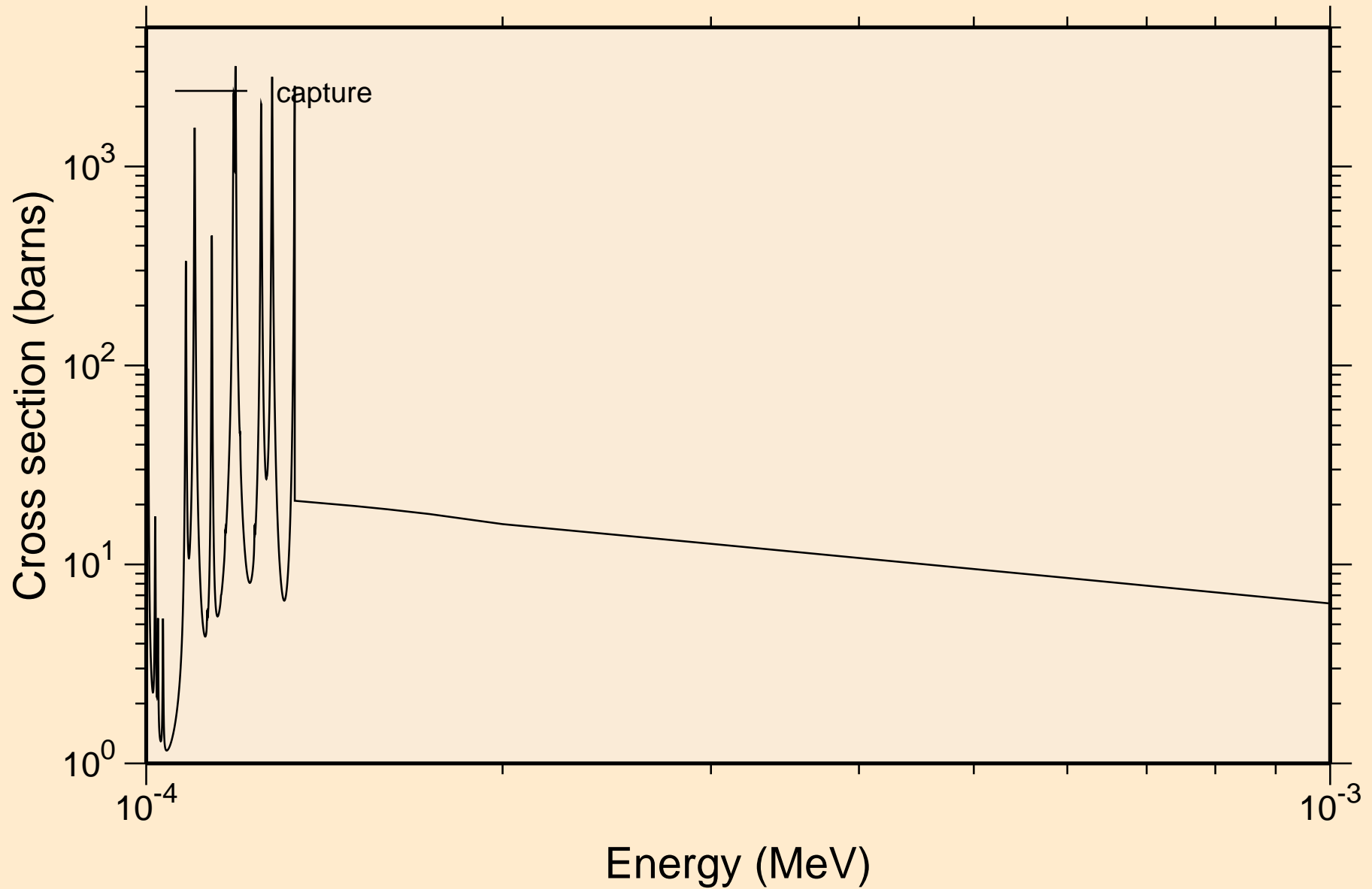
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

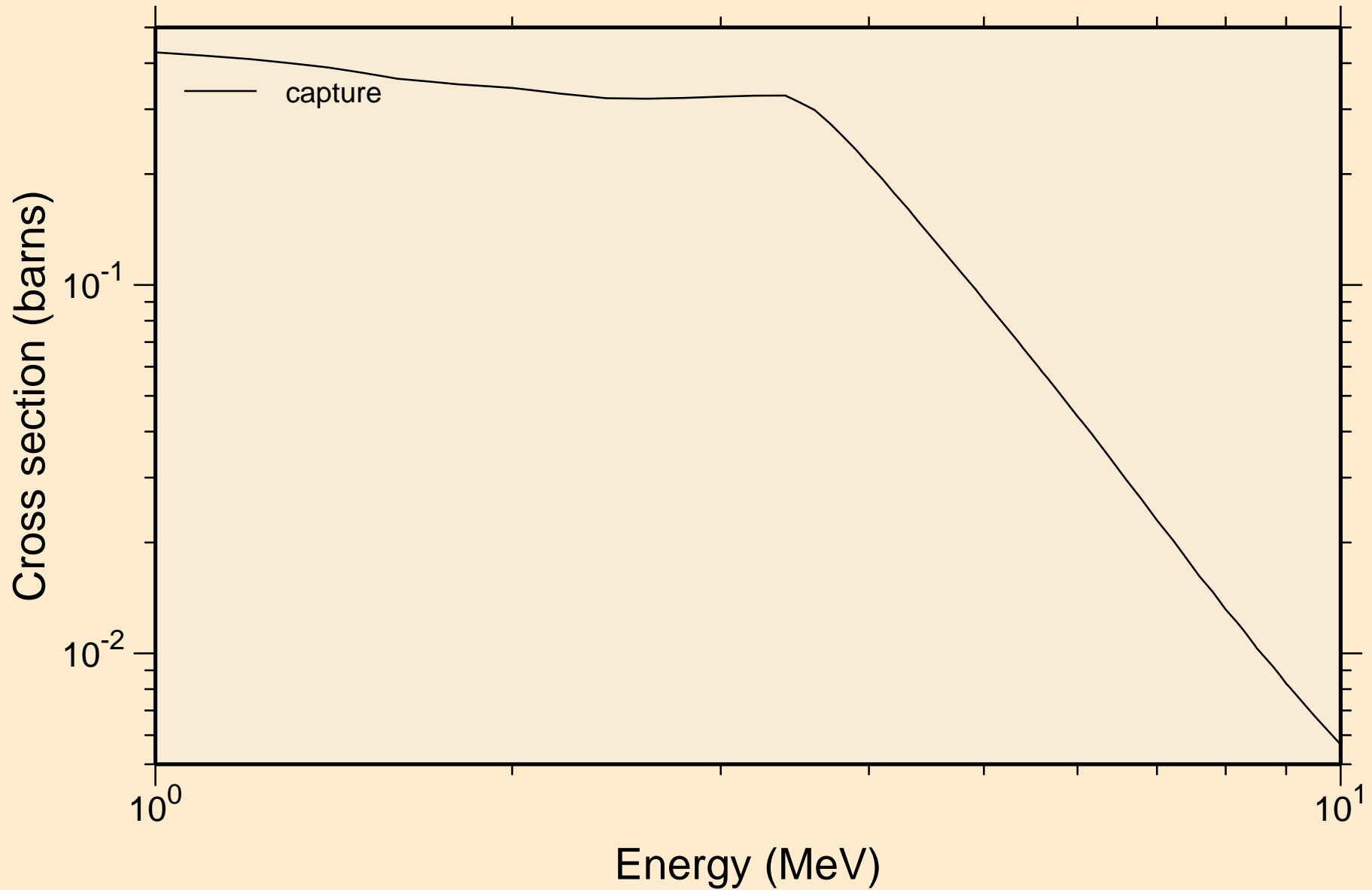


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



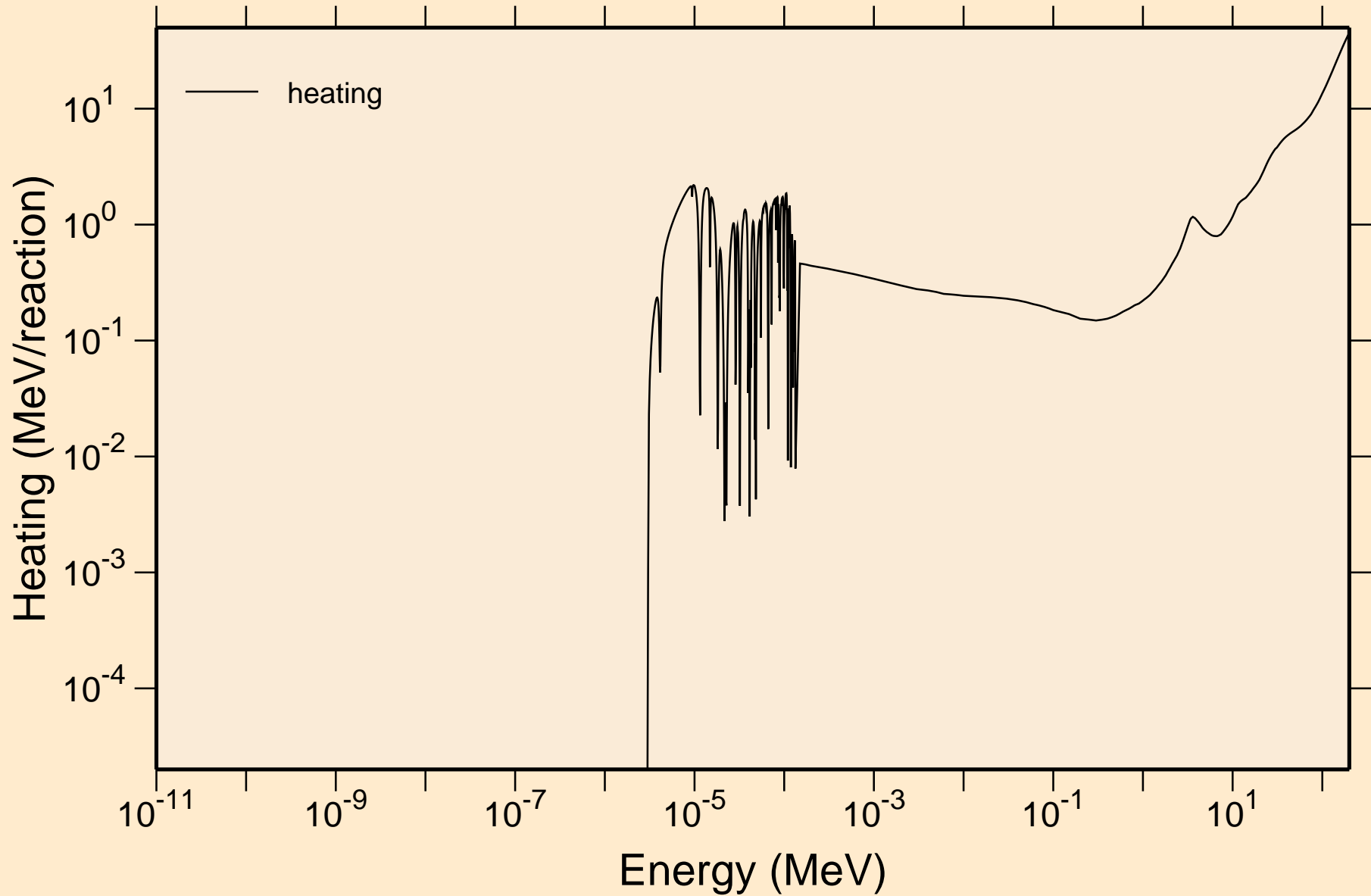


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

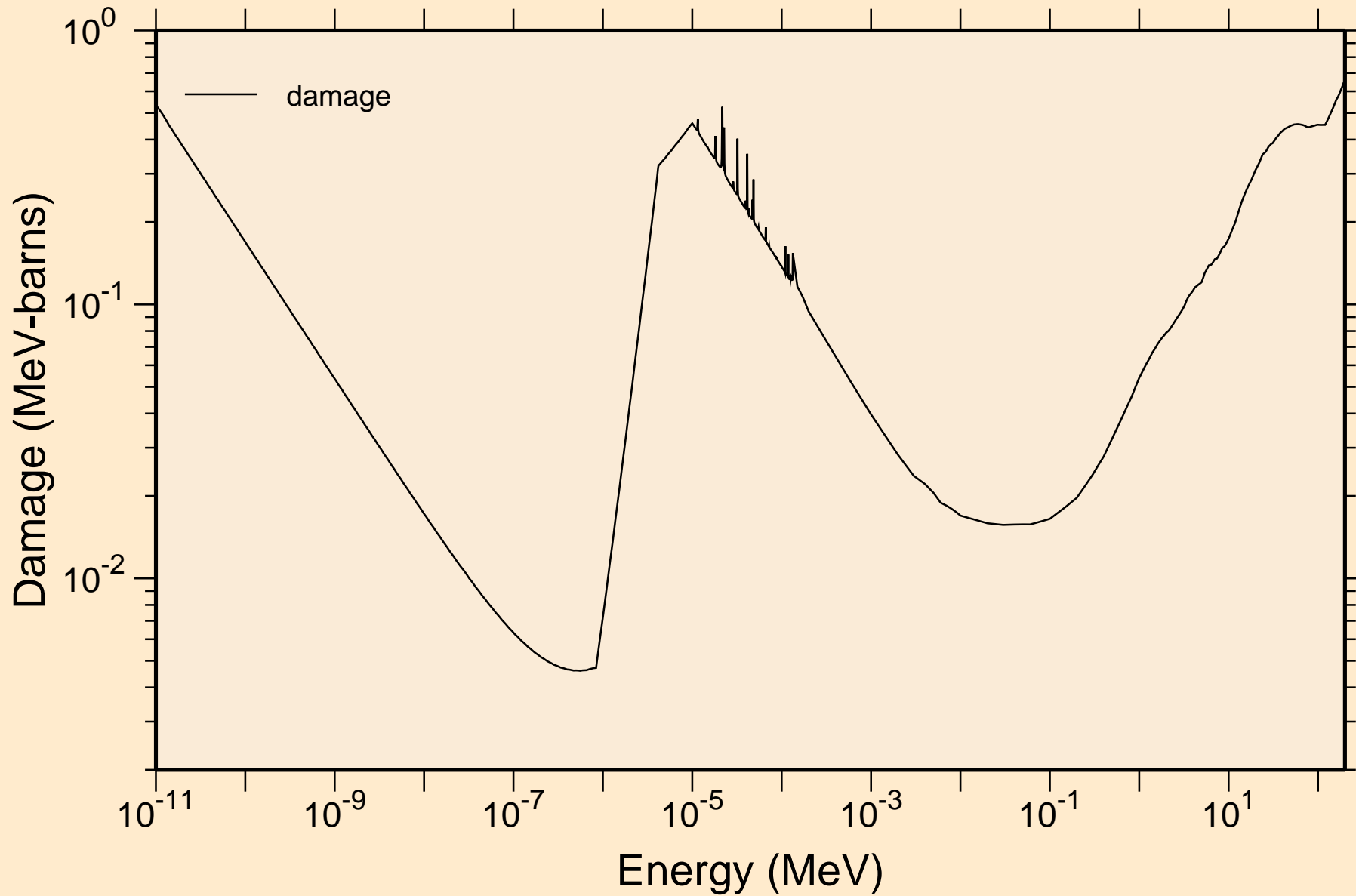


# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

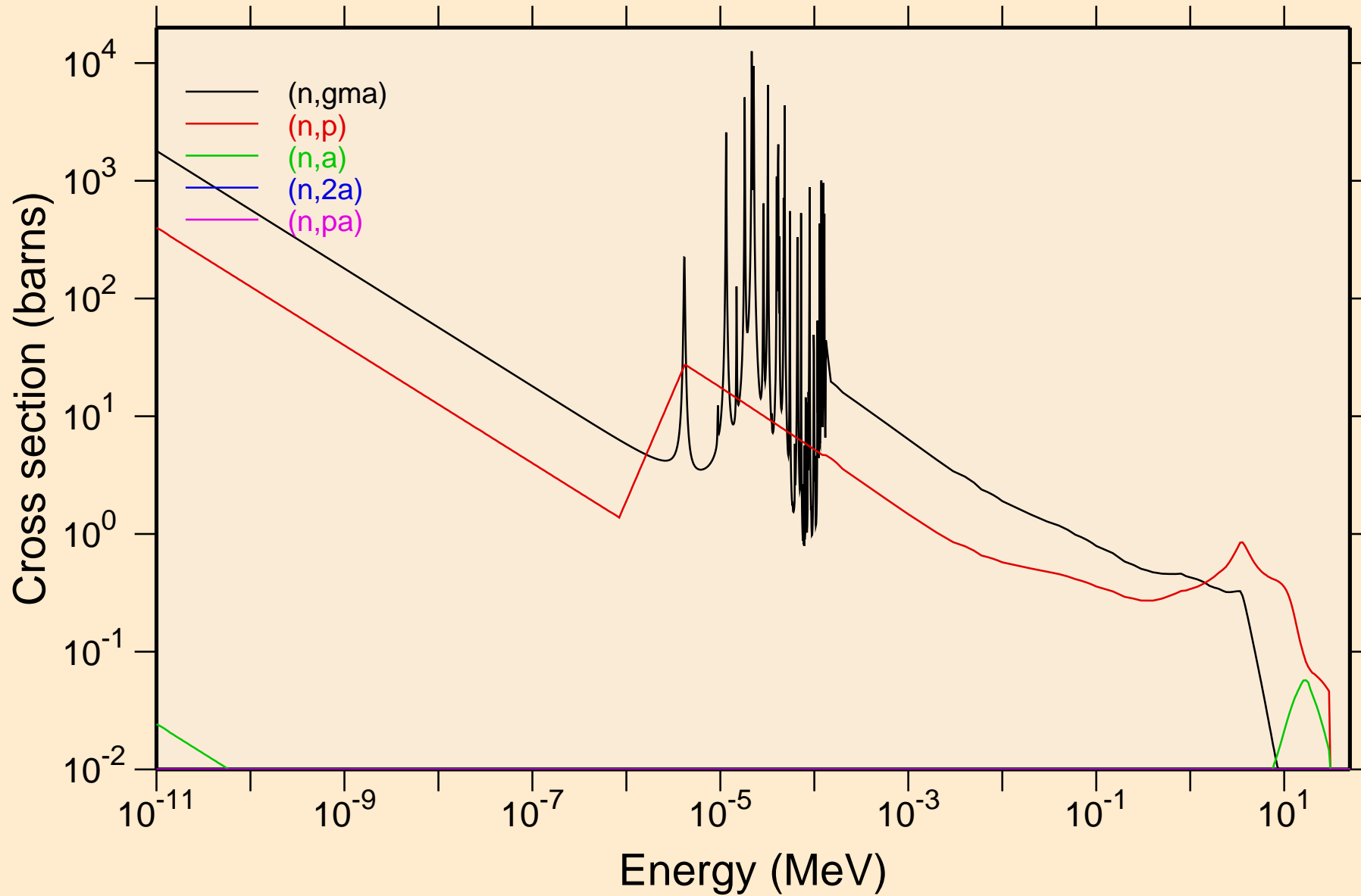


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



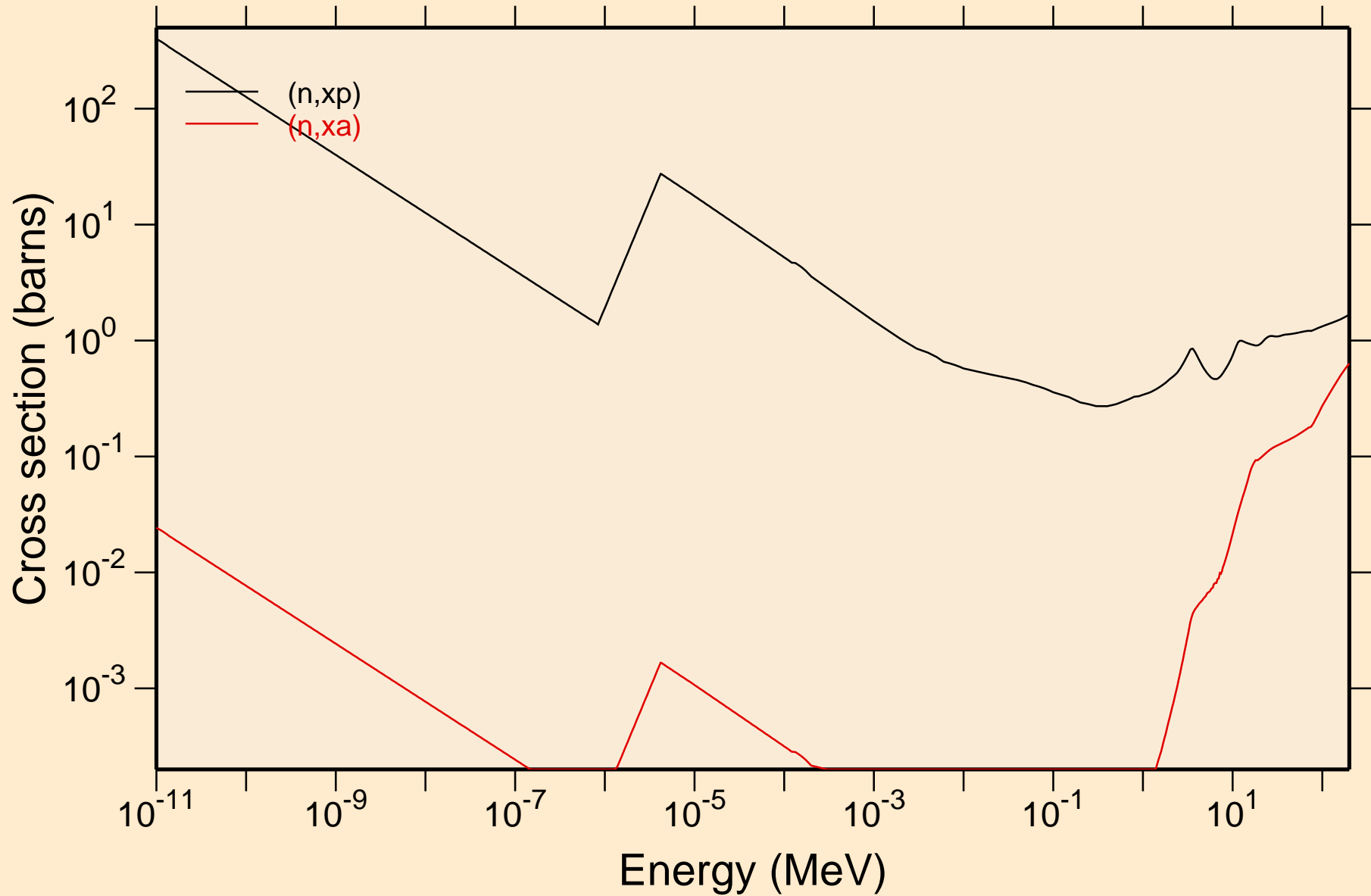
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



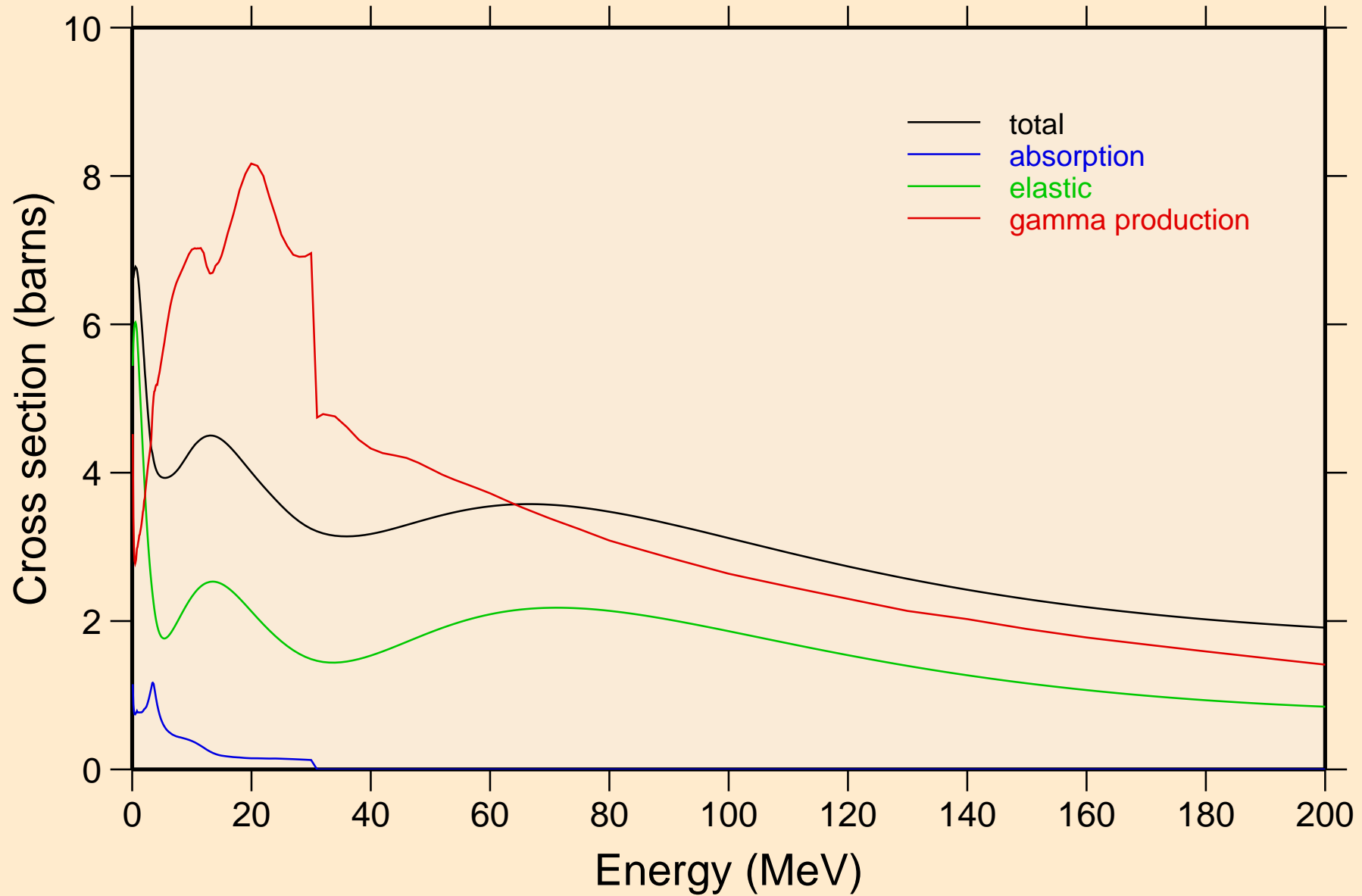
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



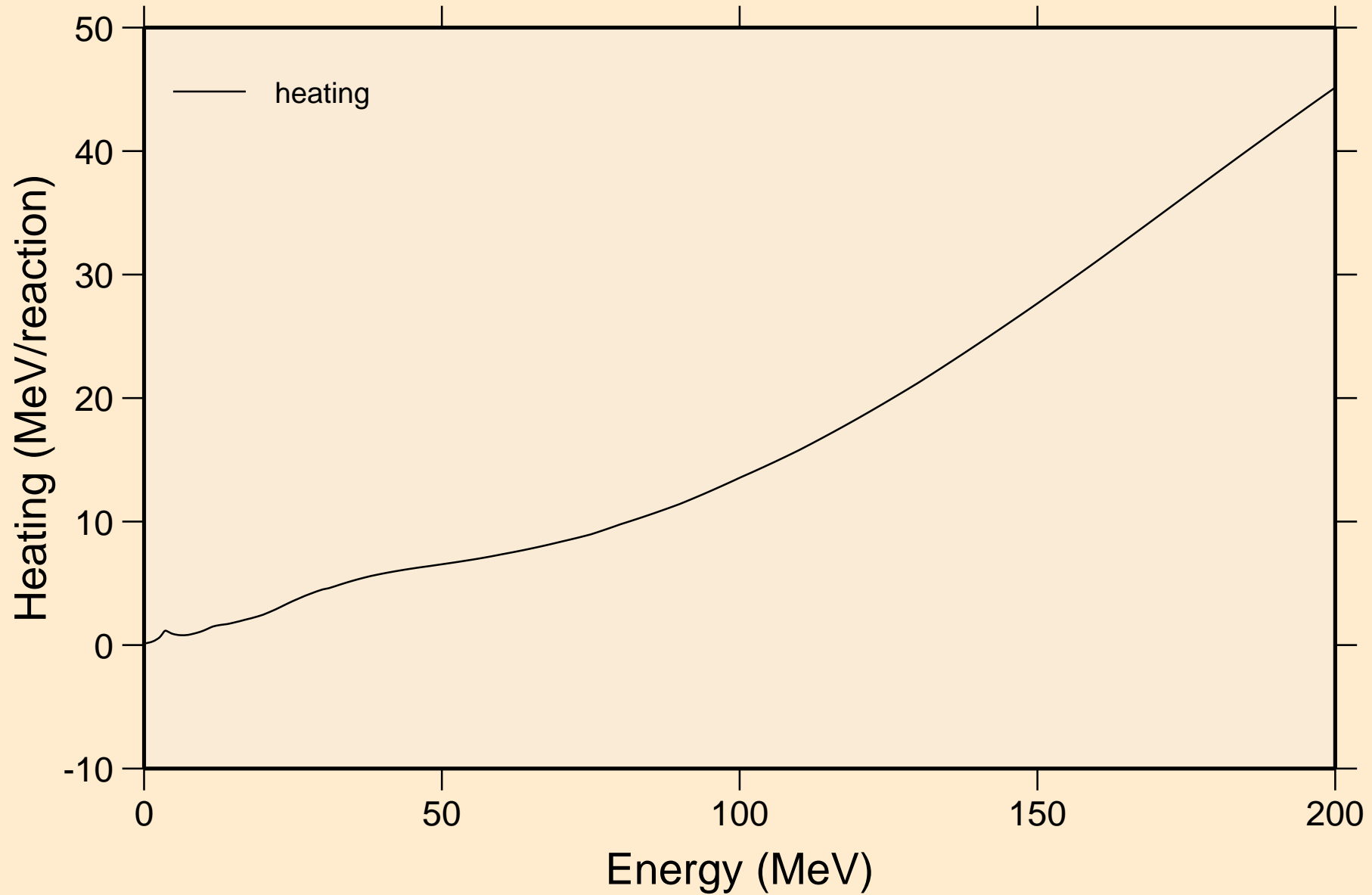
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



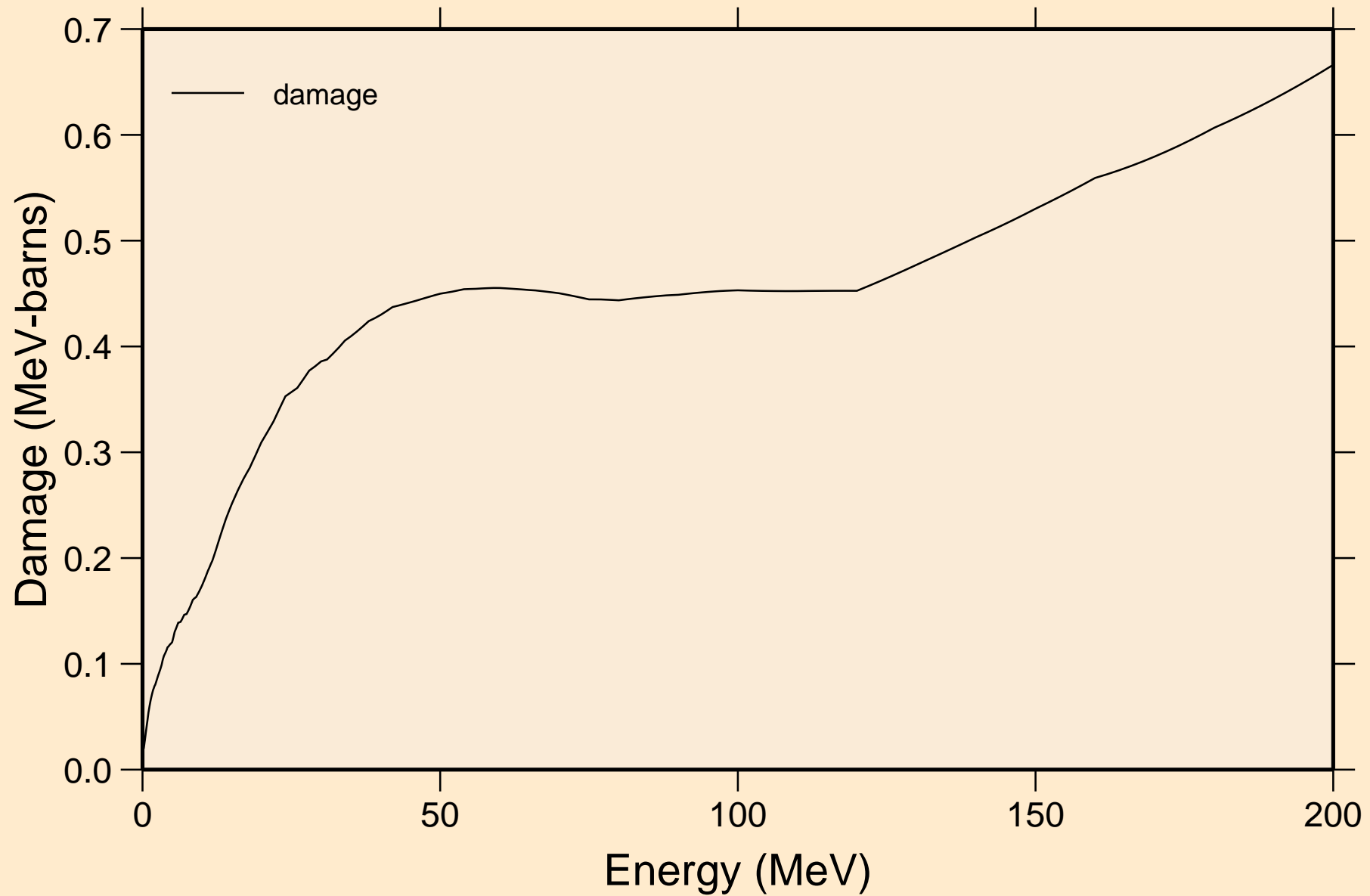
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

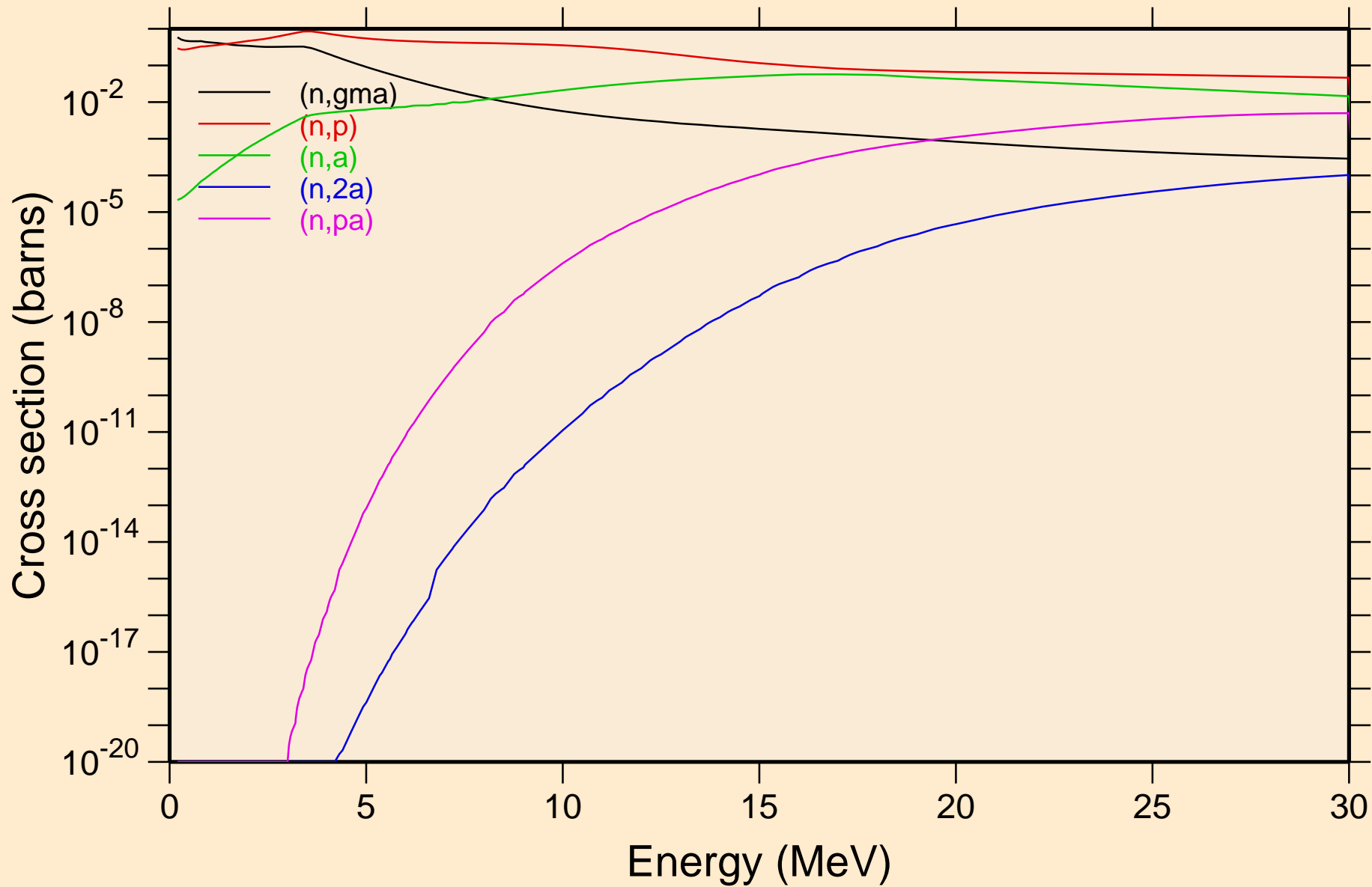
## Damage





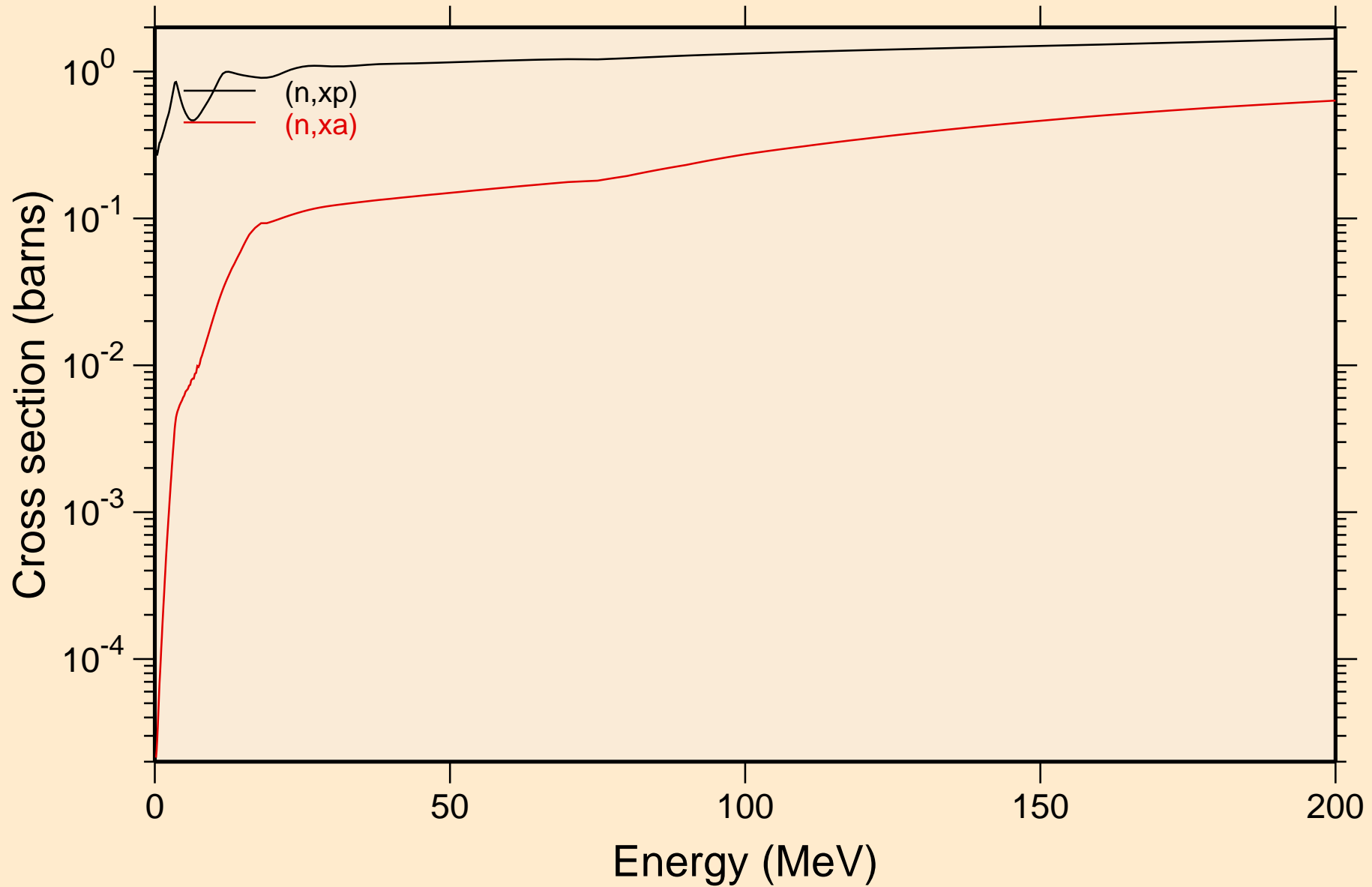
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## Non-threshold reactions



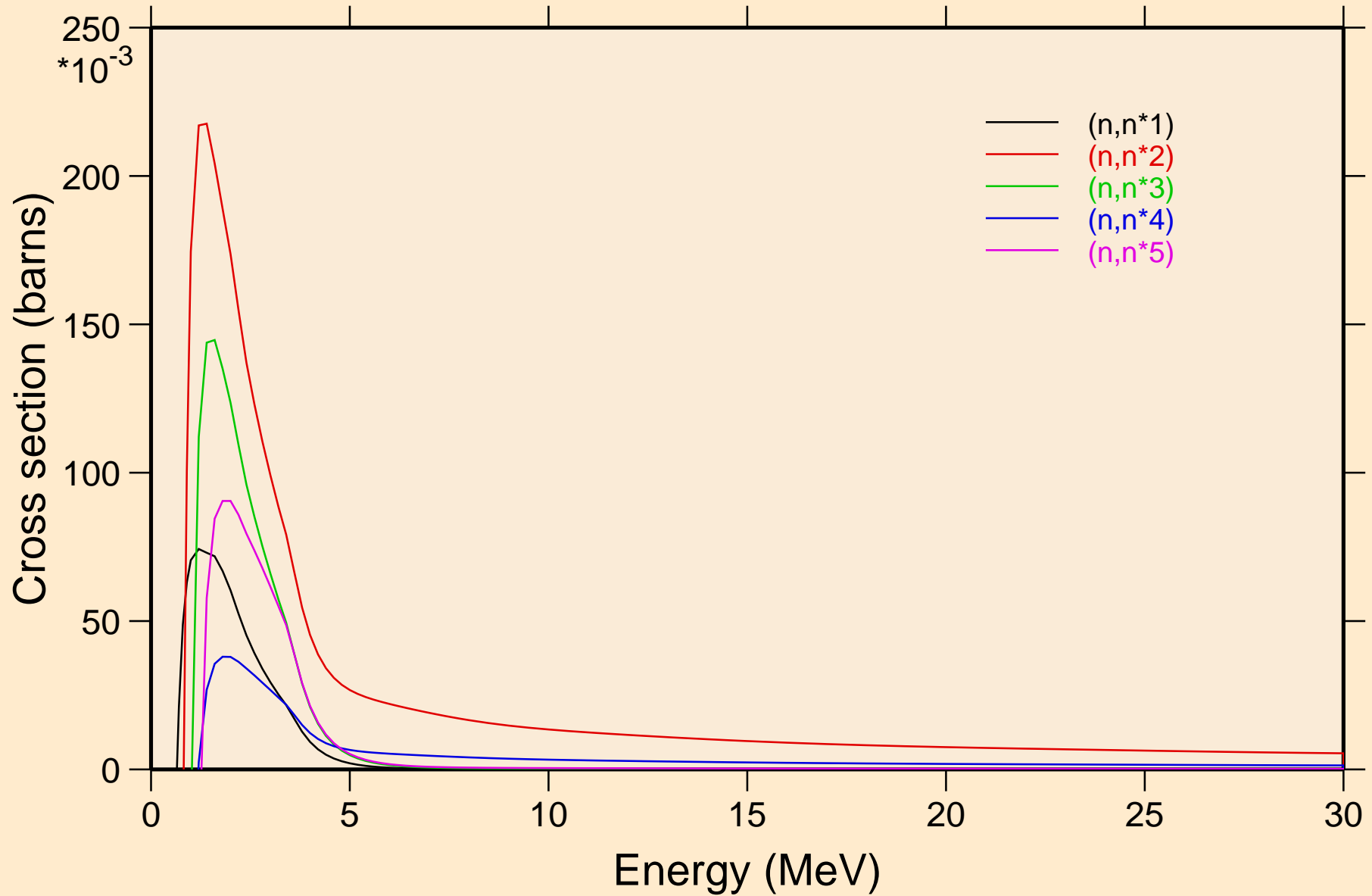
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## Non-threshold reactions



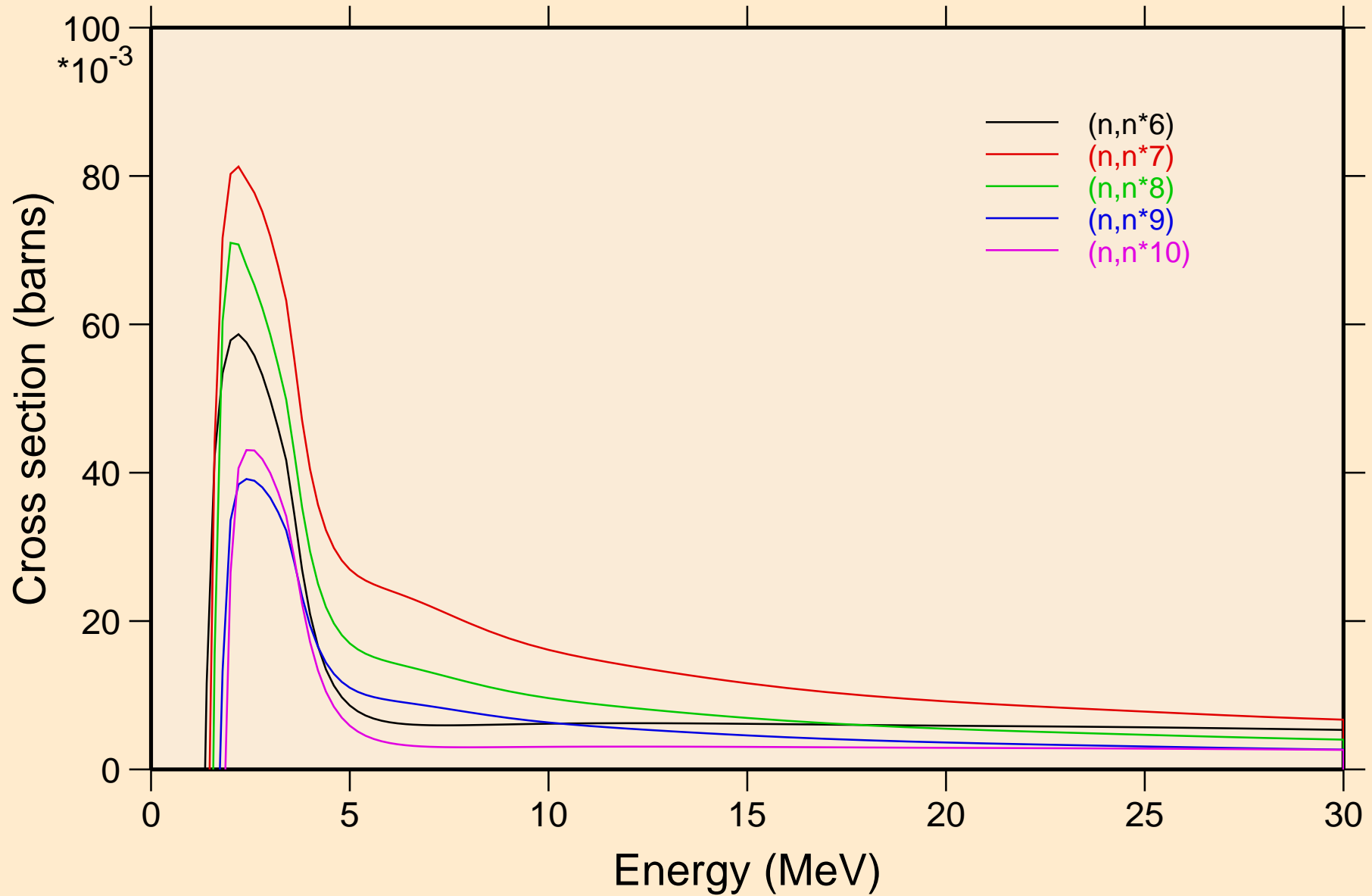
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

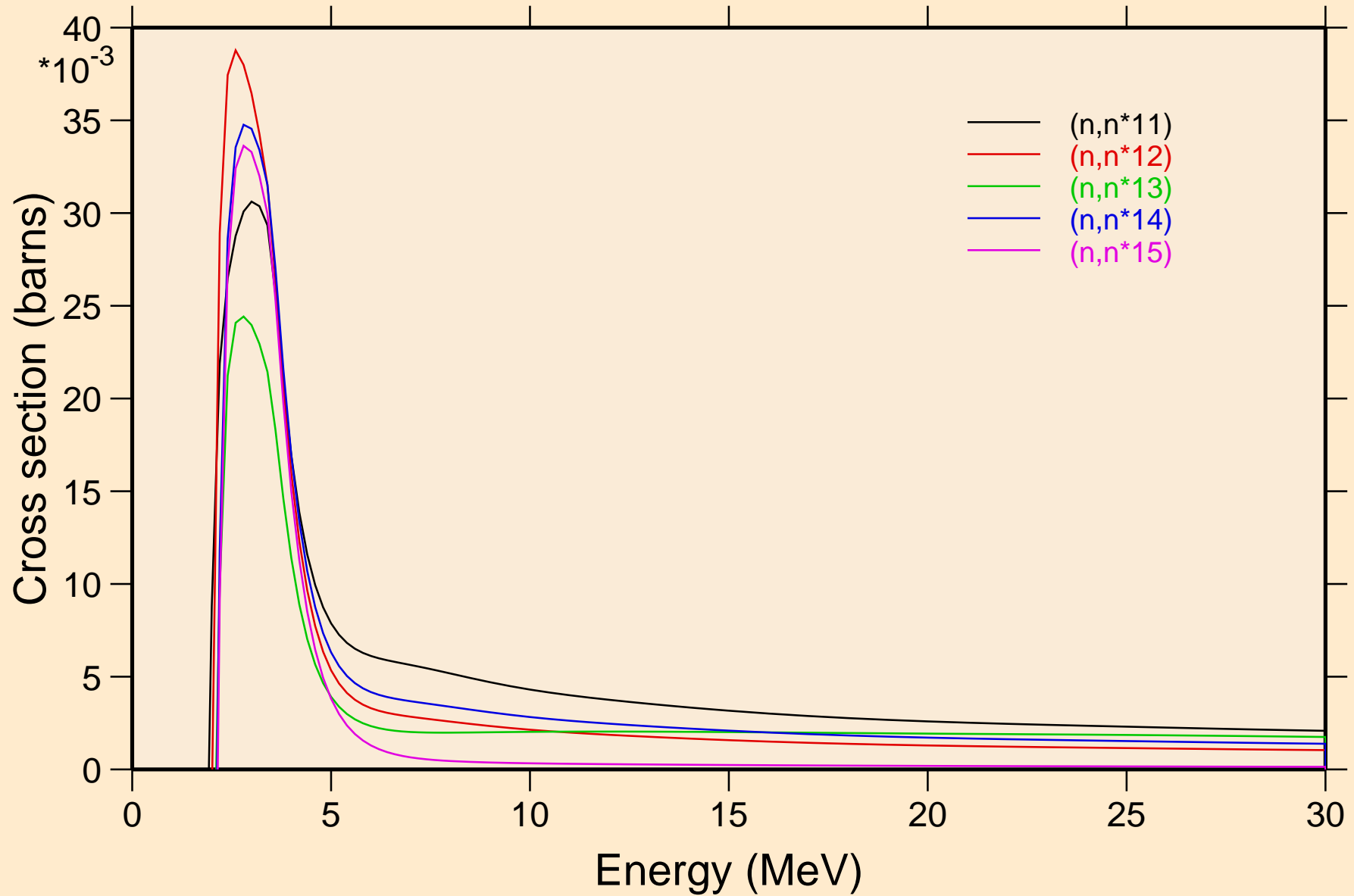


# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

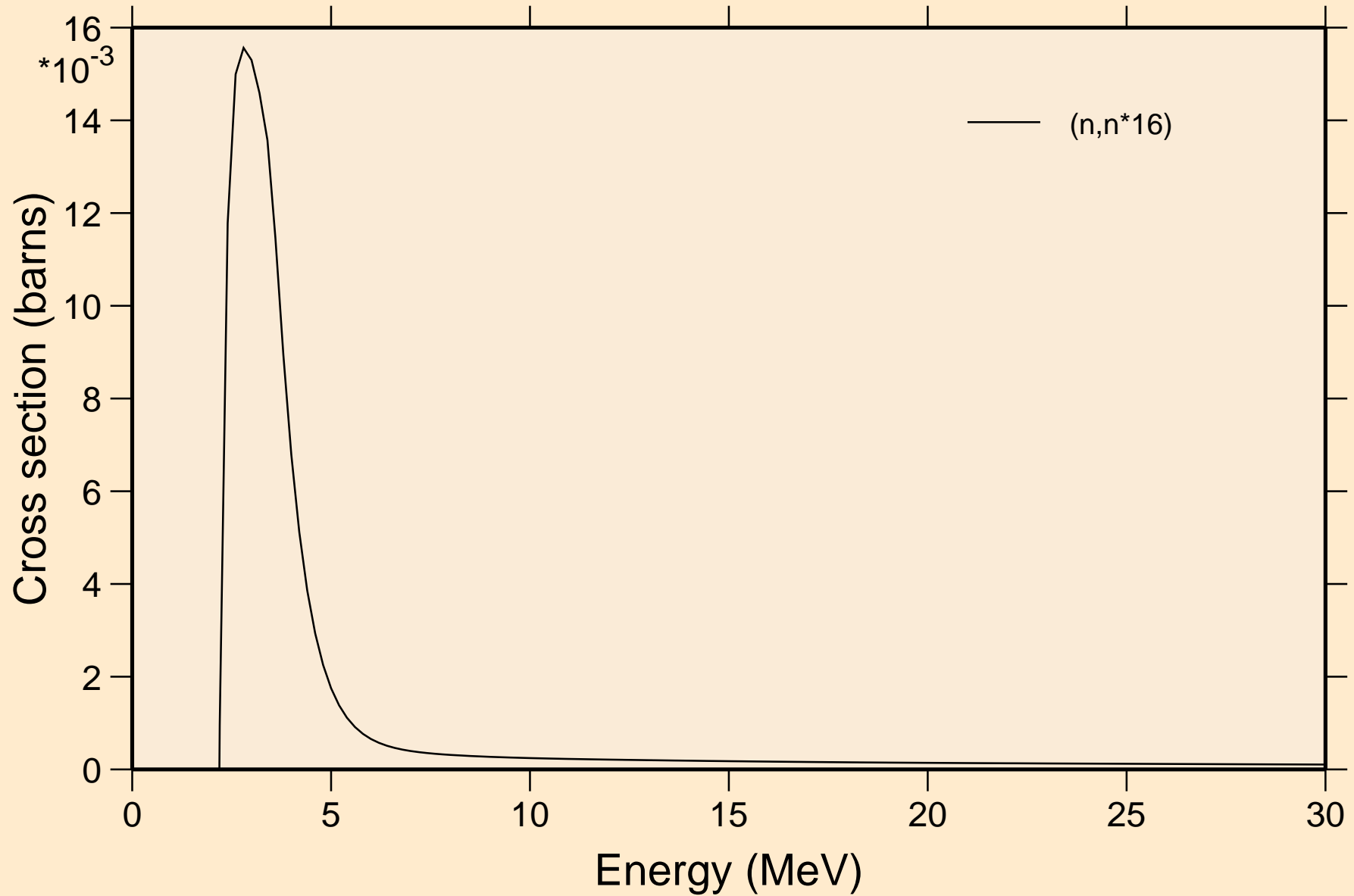
## Inelastic levels



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

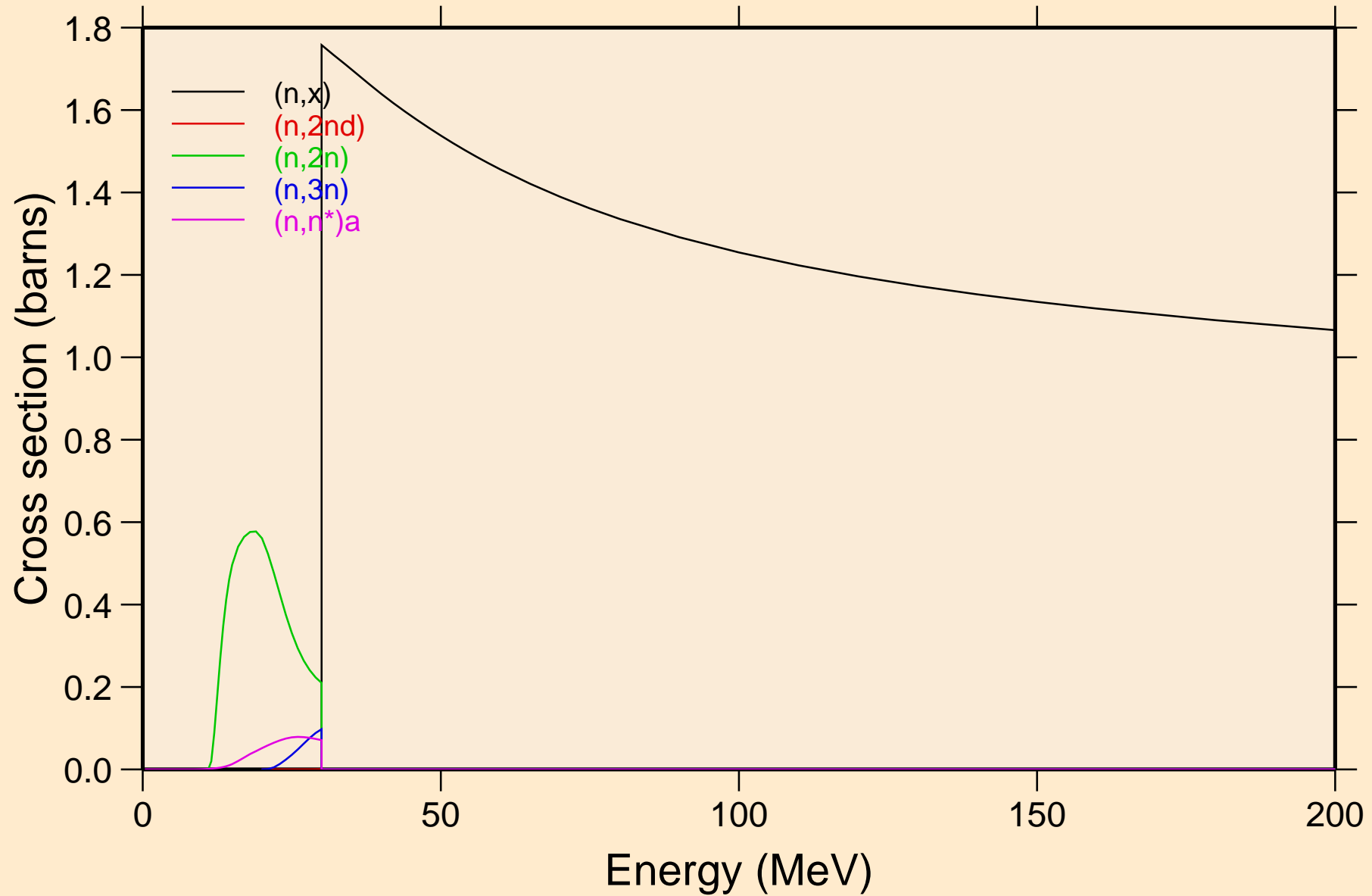


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



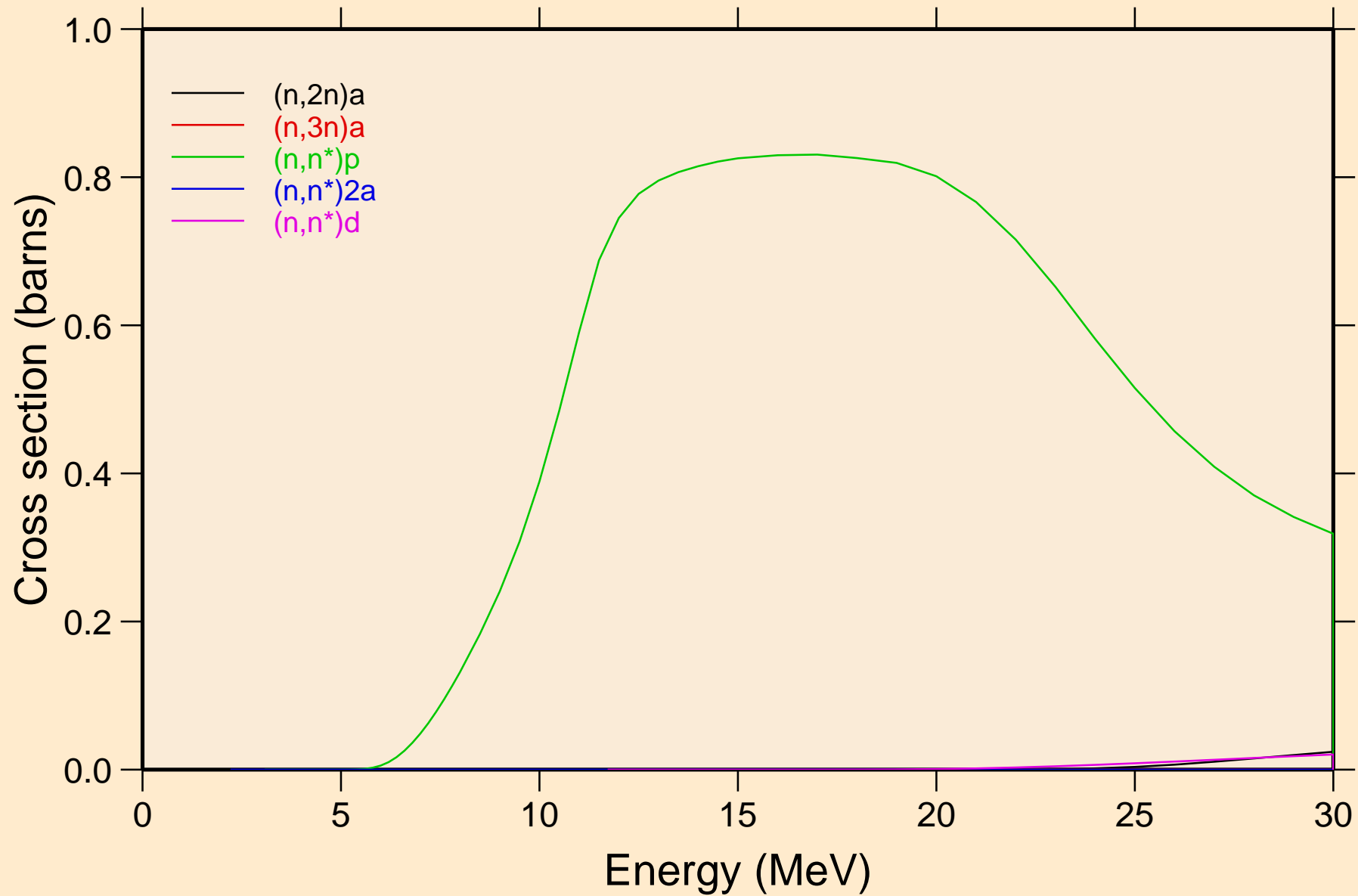
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

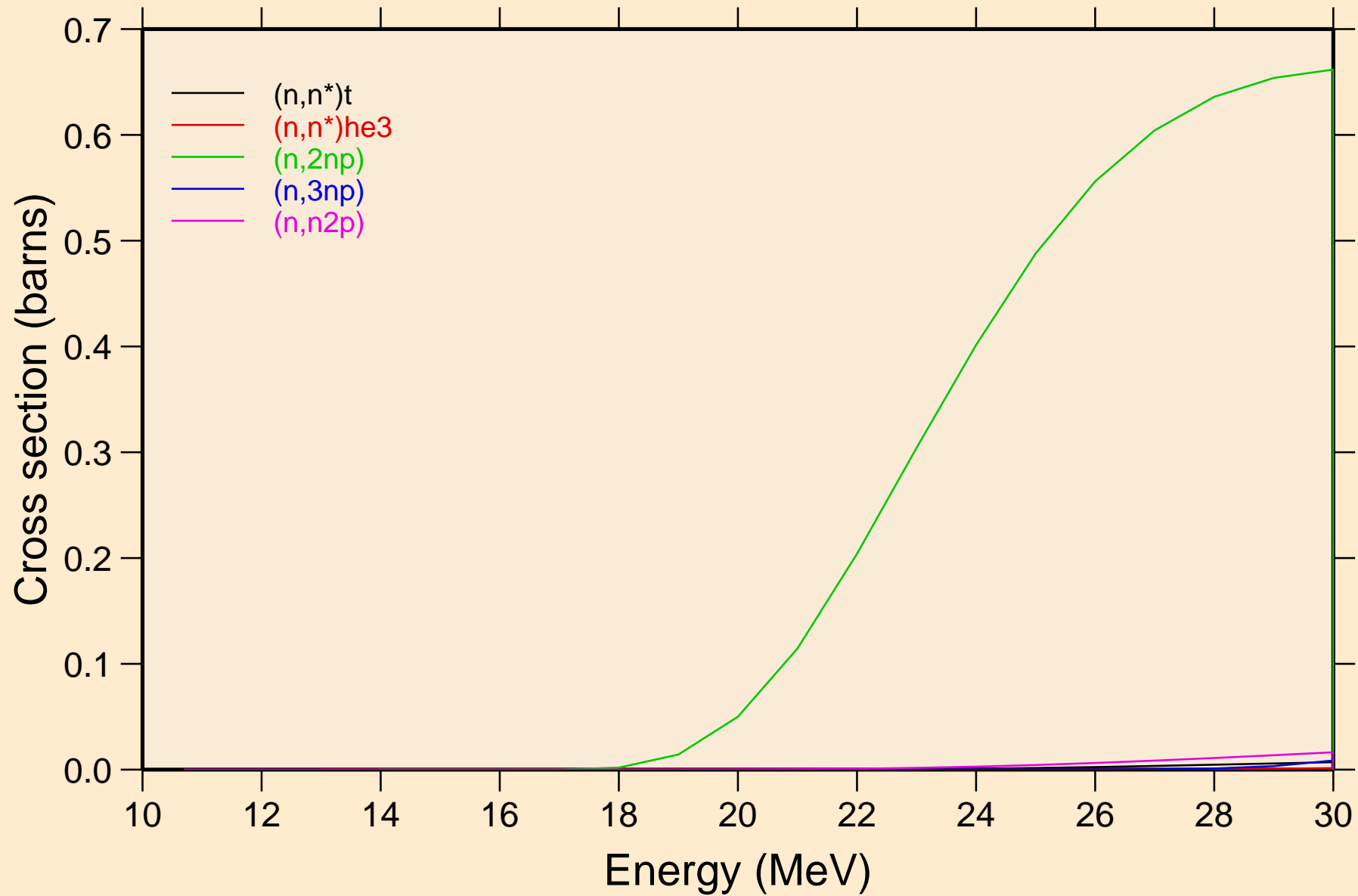
## Threshold reactions





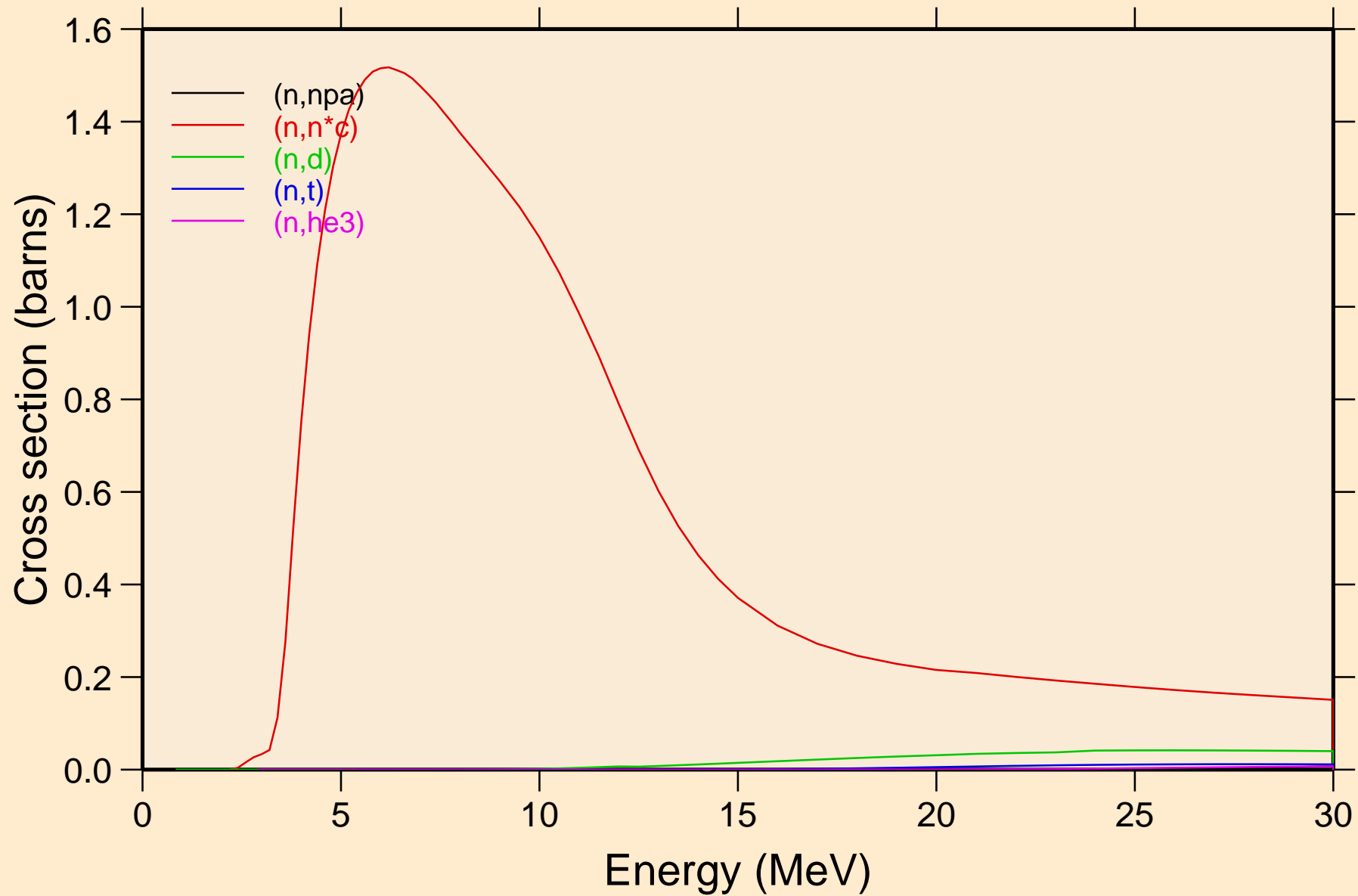
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## Threshold reactions



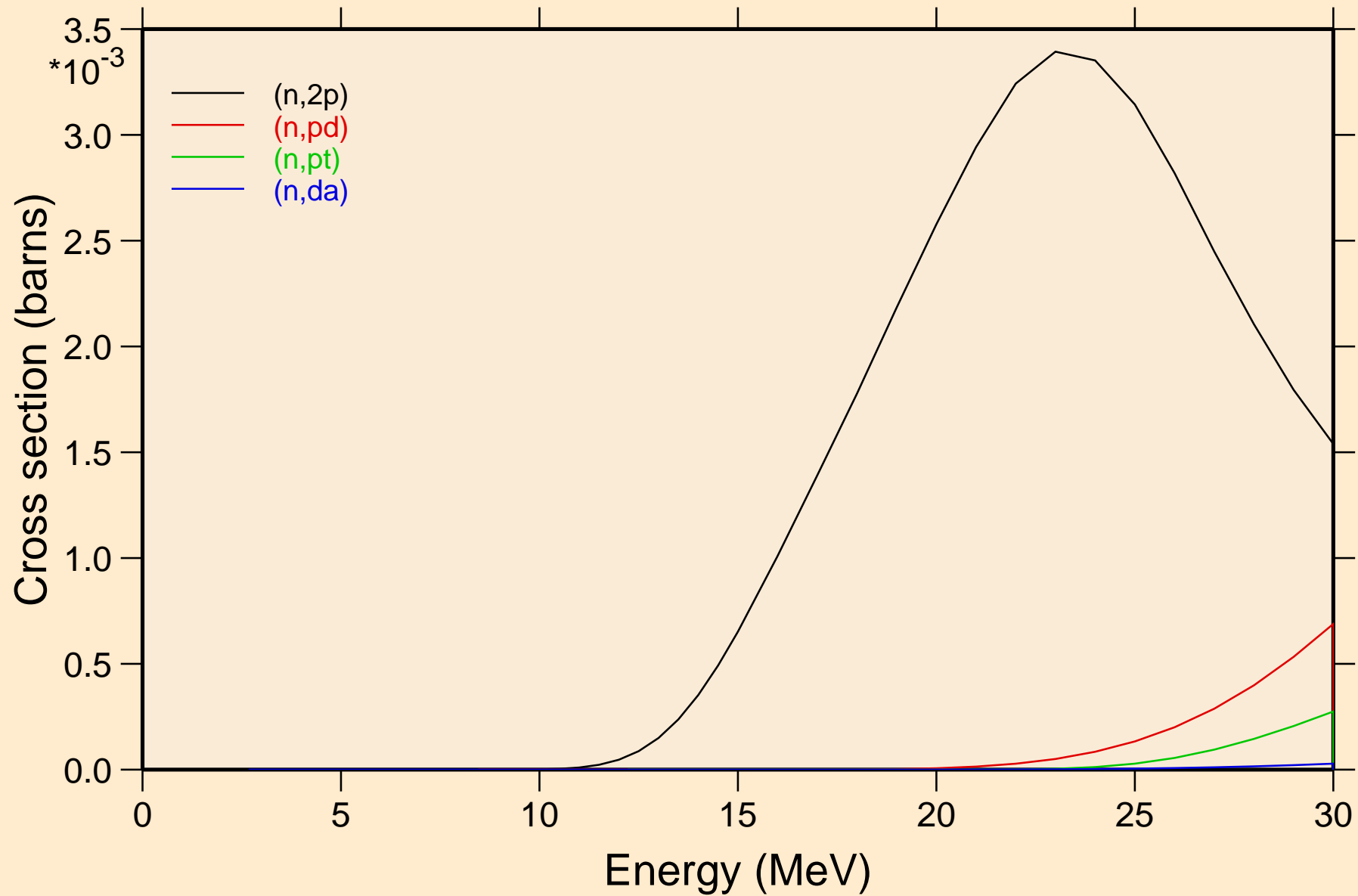
# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



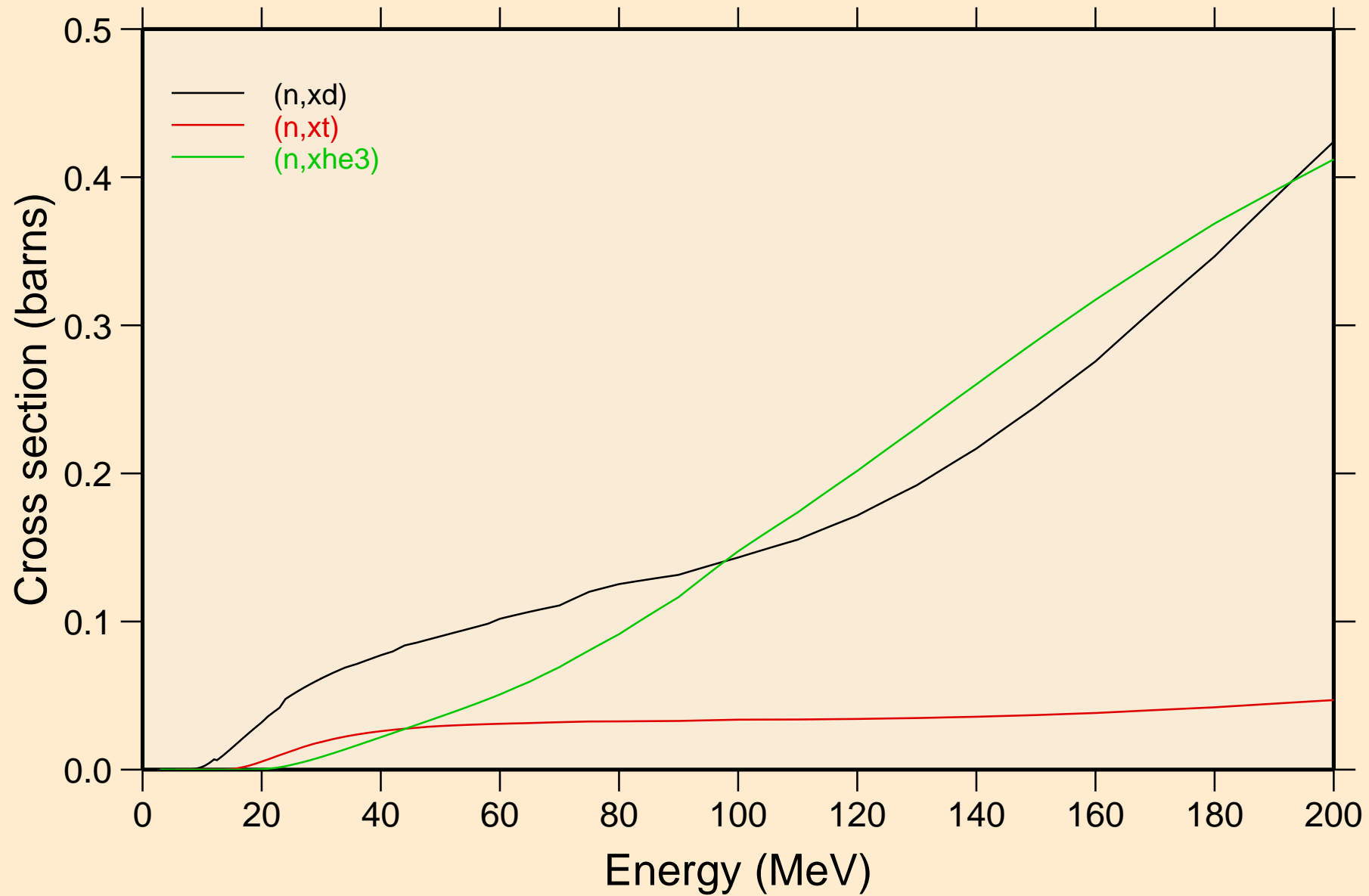
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## Threshold reactions

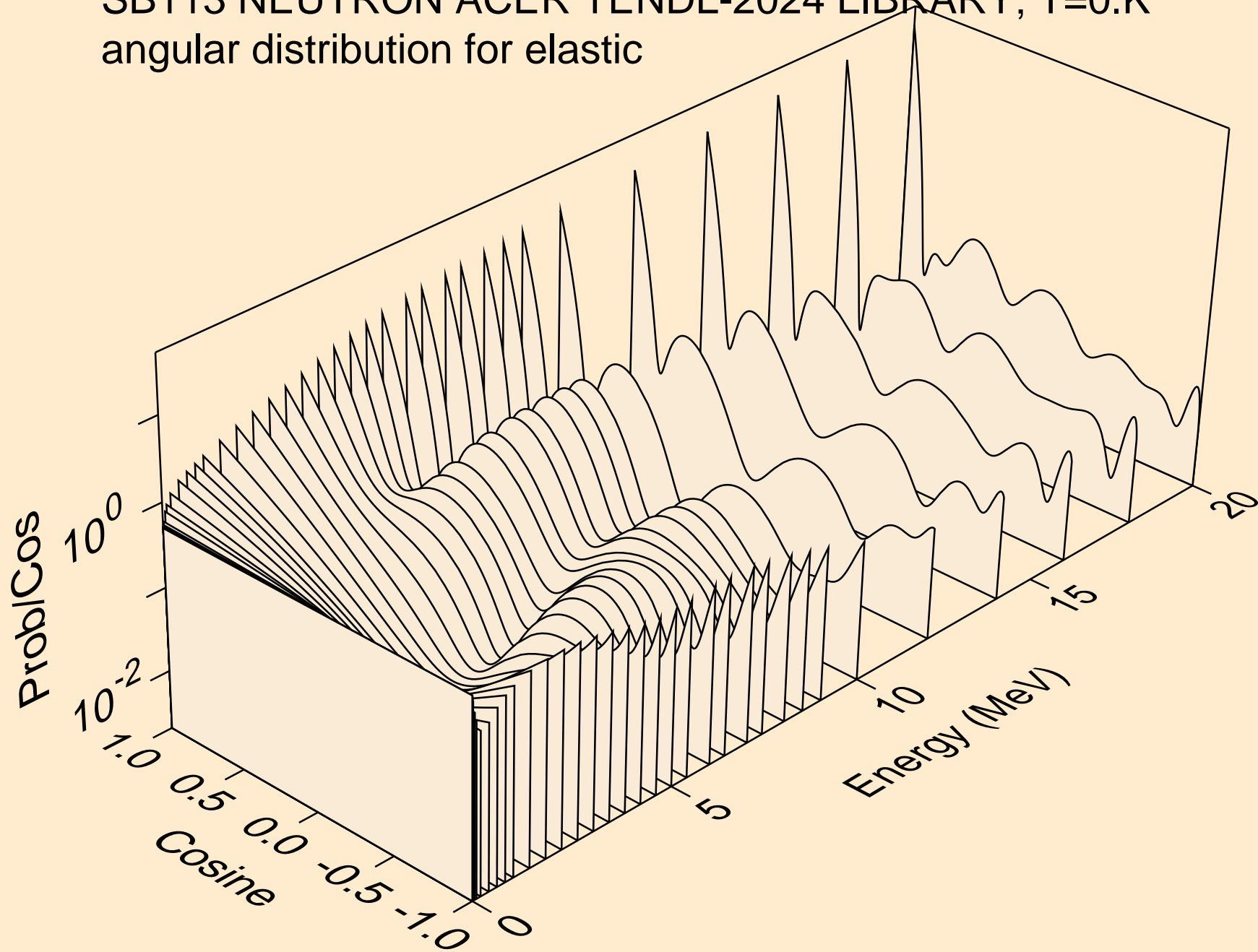


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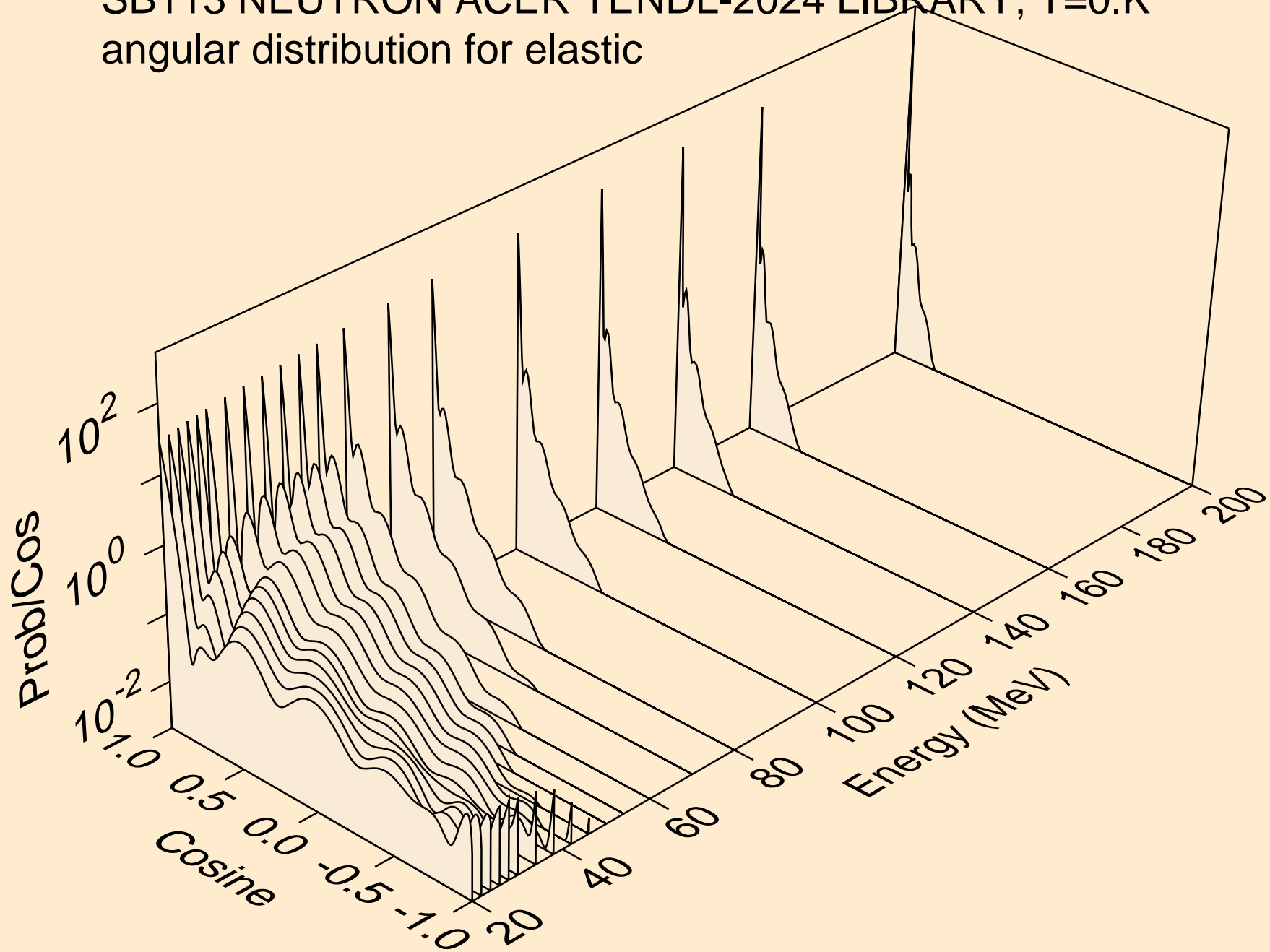
## Threshold reactions



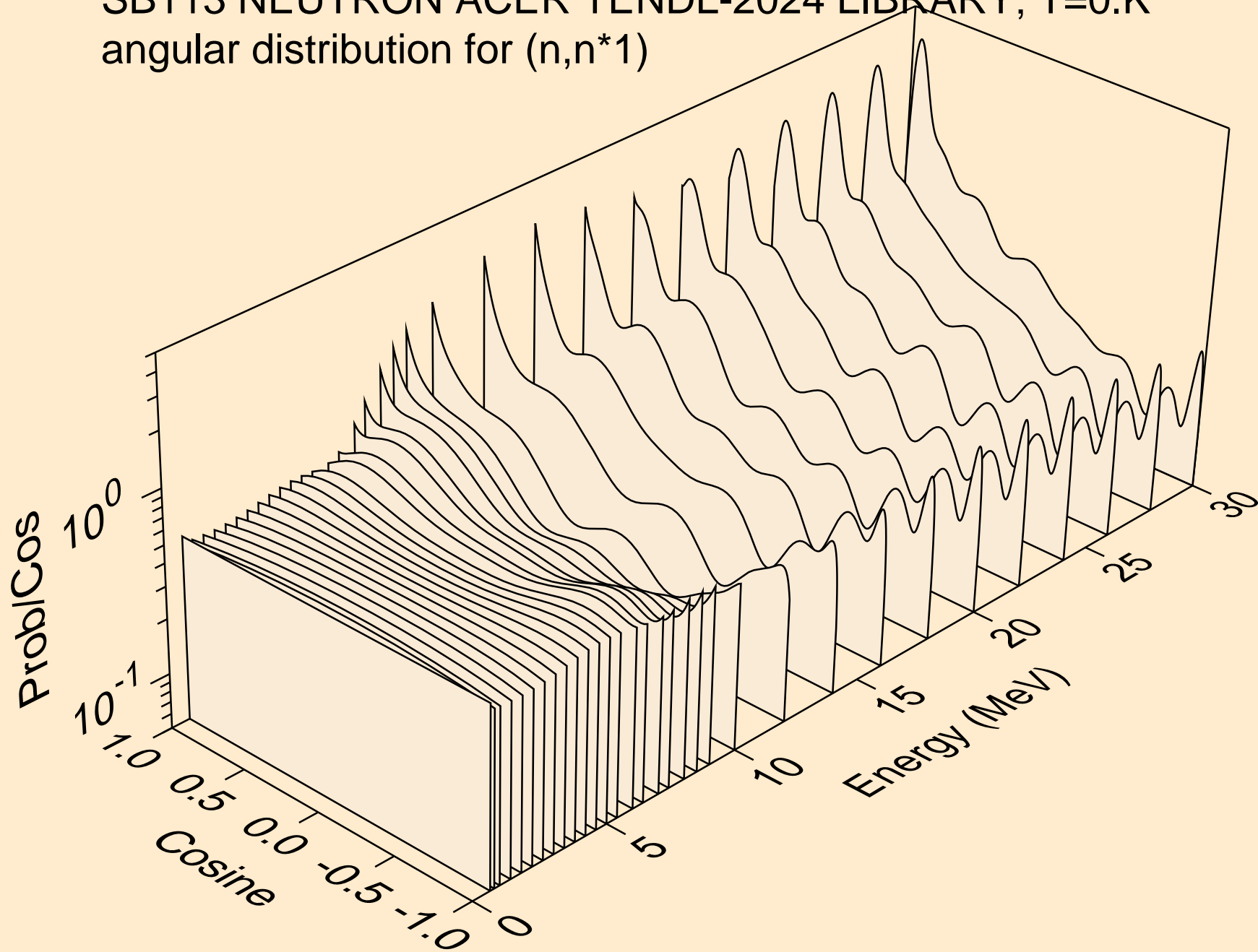
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



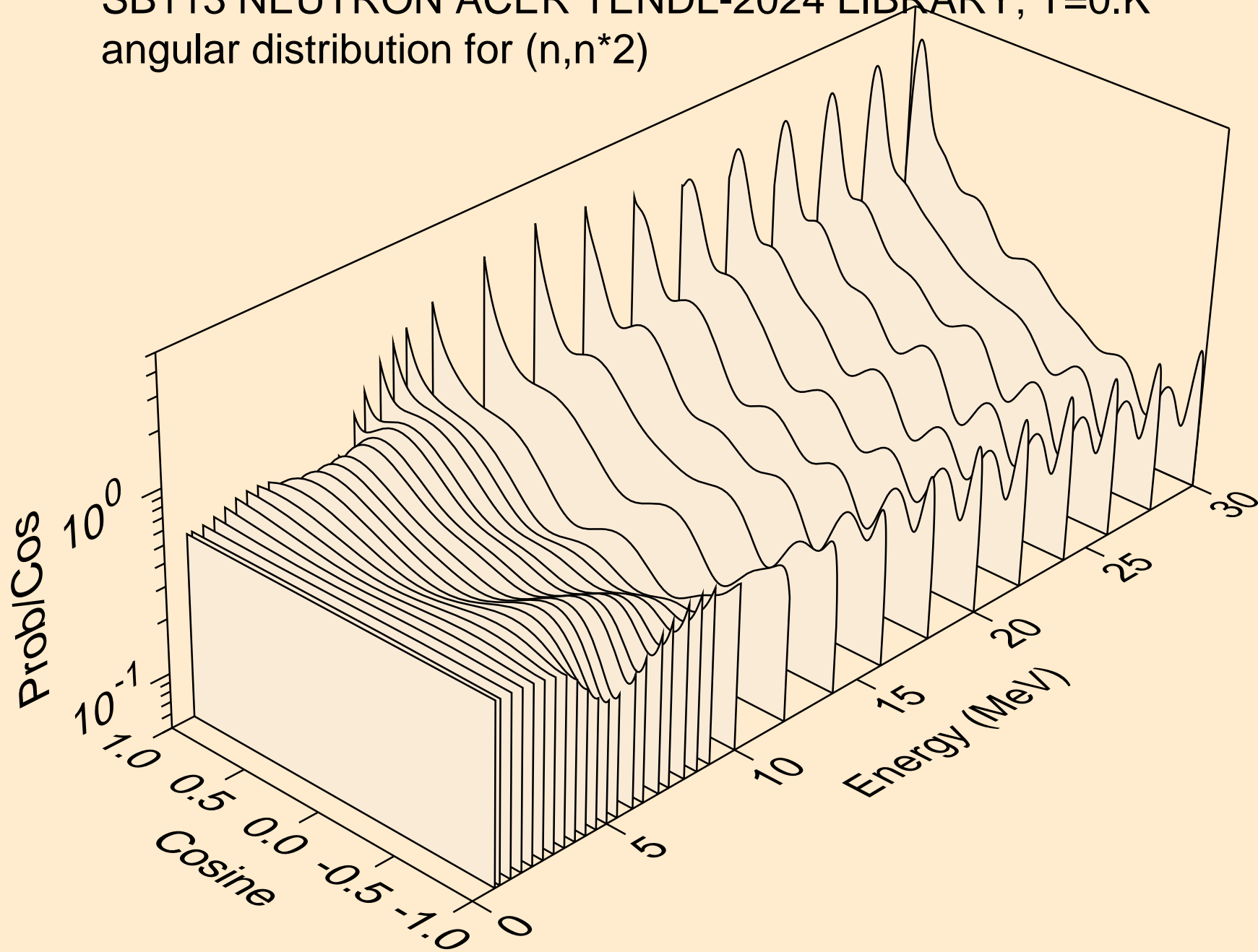
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

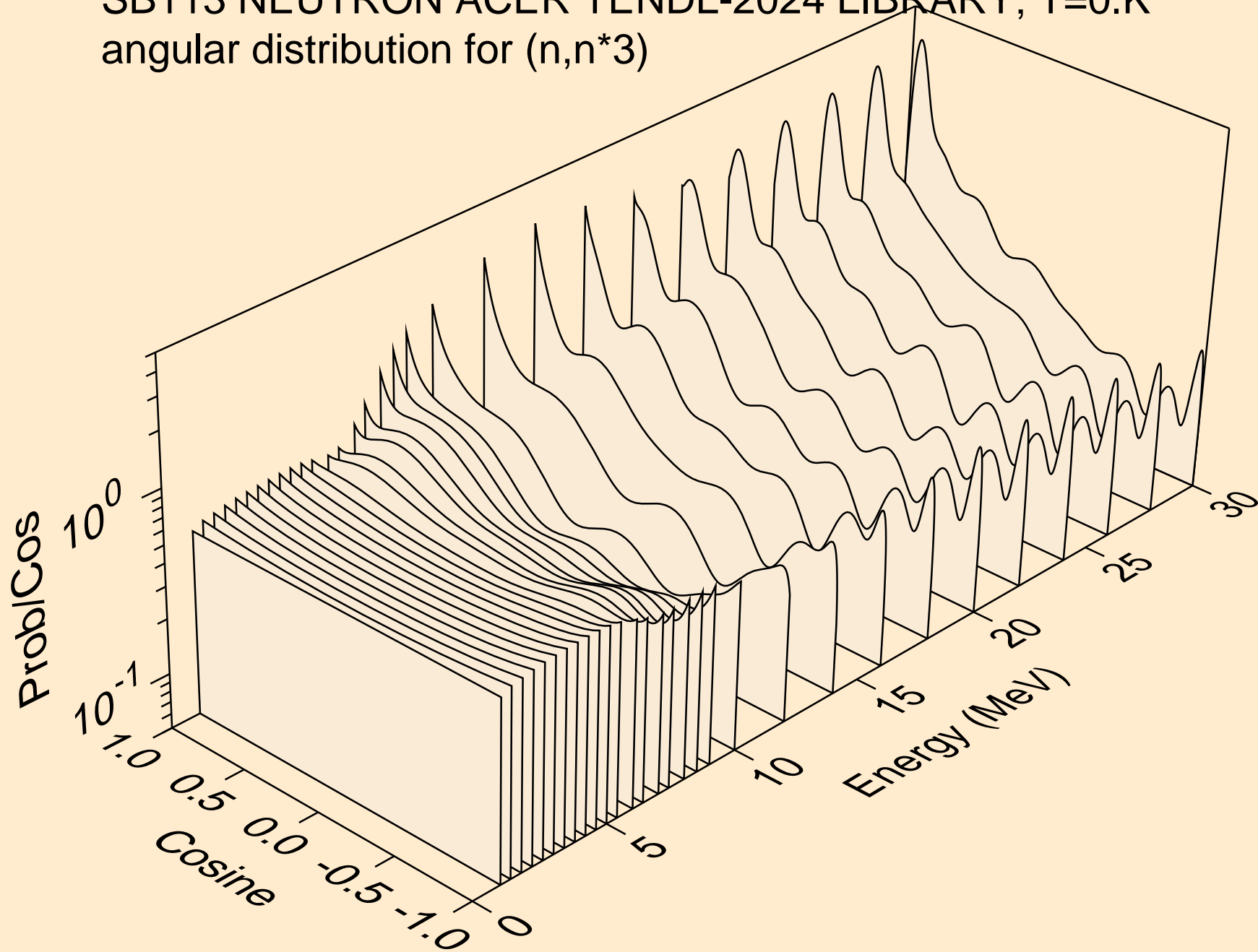


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

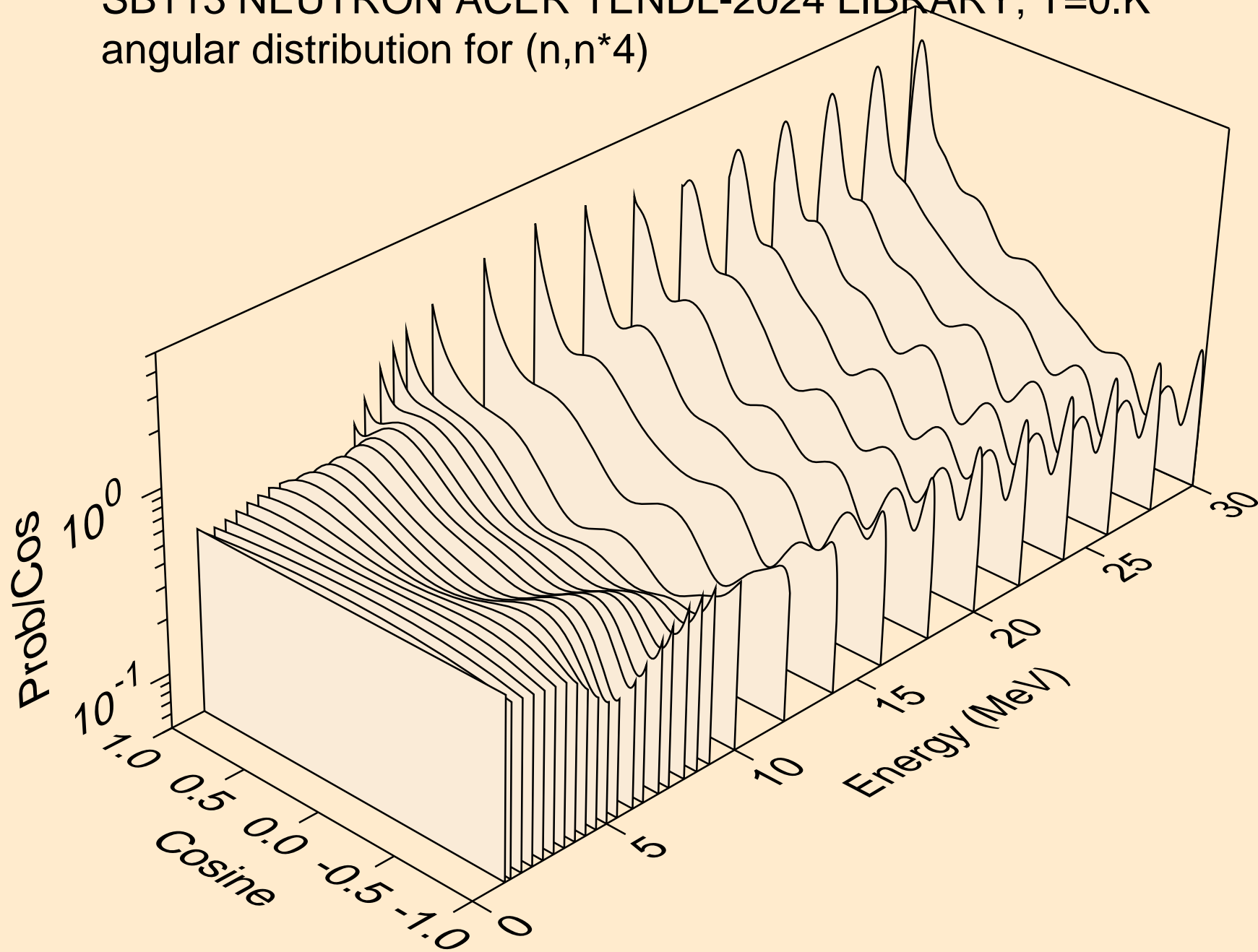




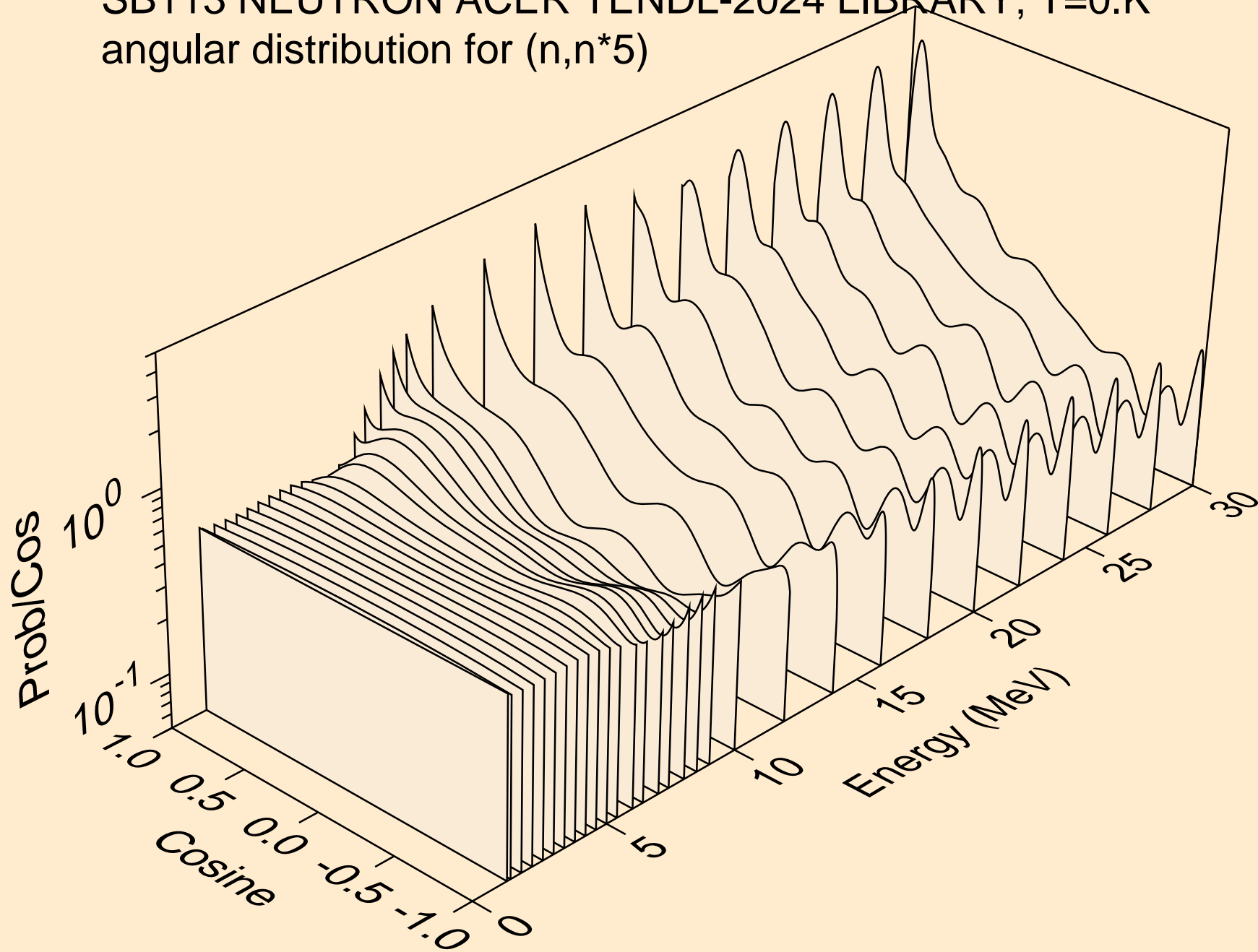
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angular distribution for (n,n\*3)



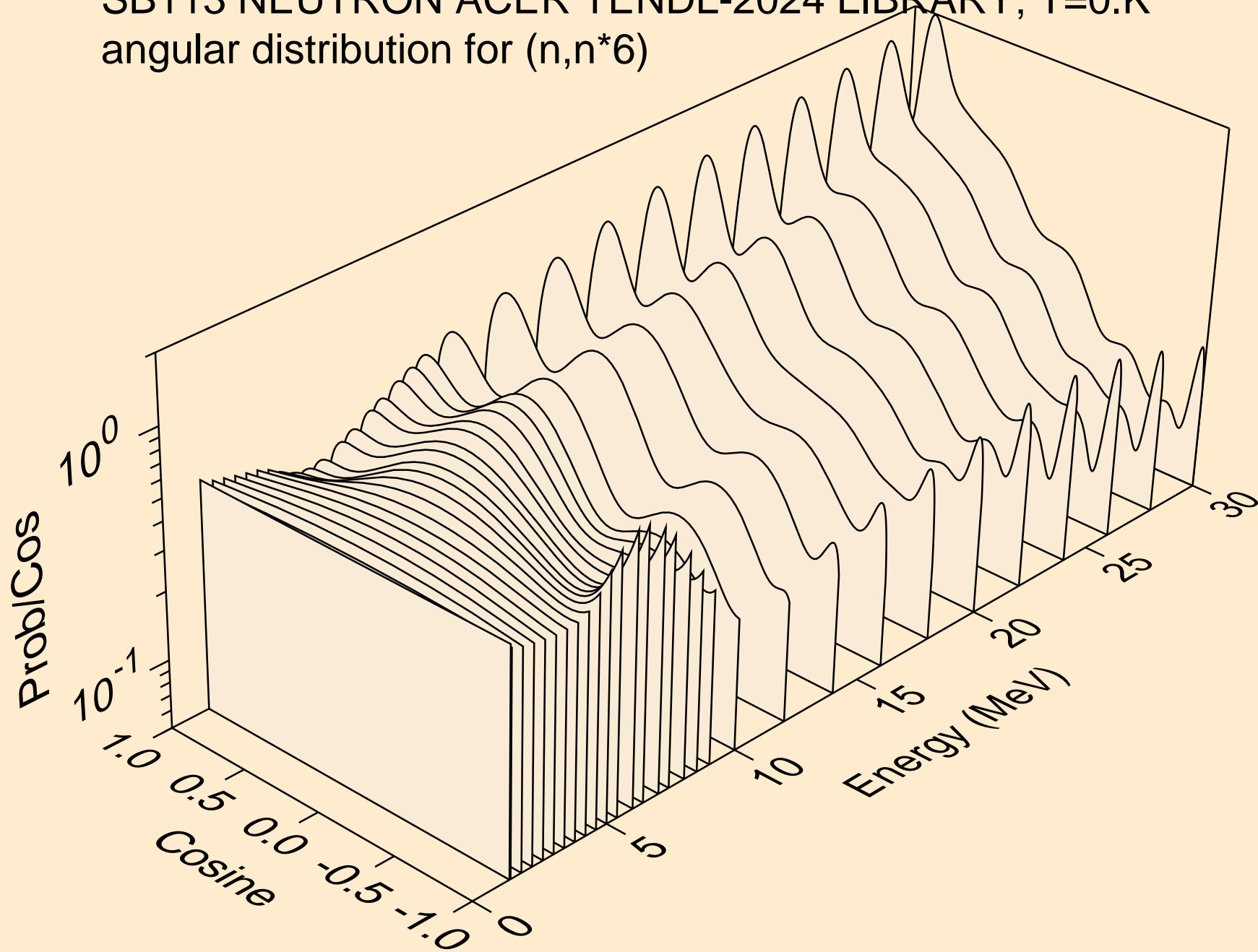
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angular distribution for (n,n\*4)



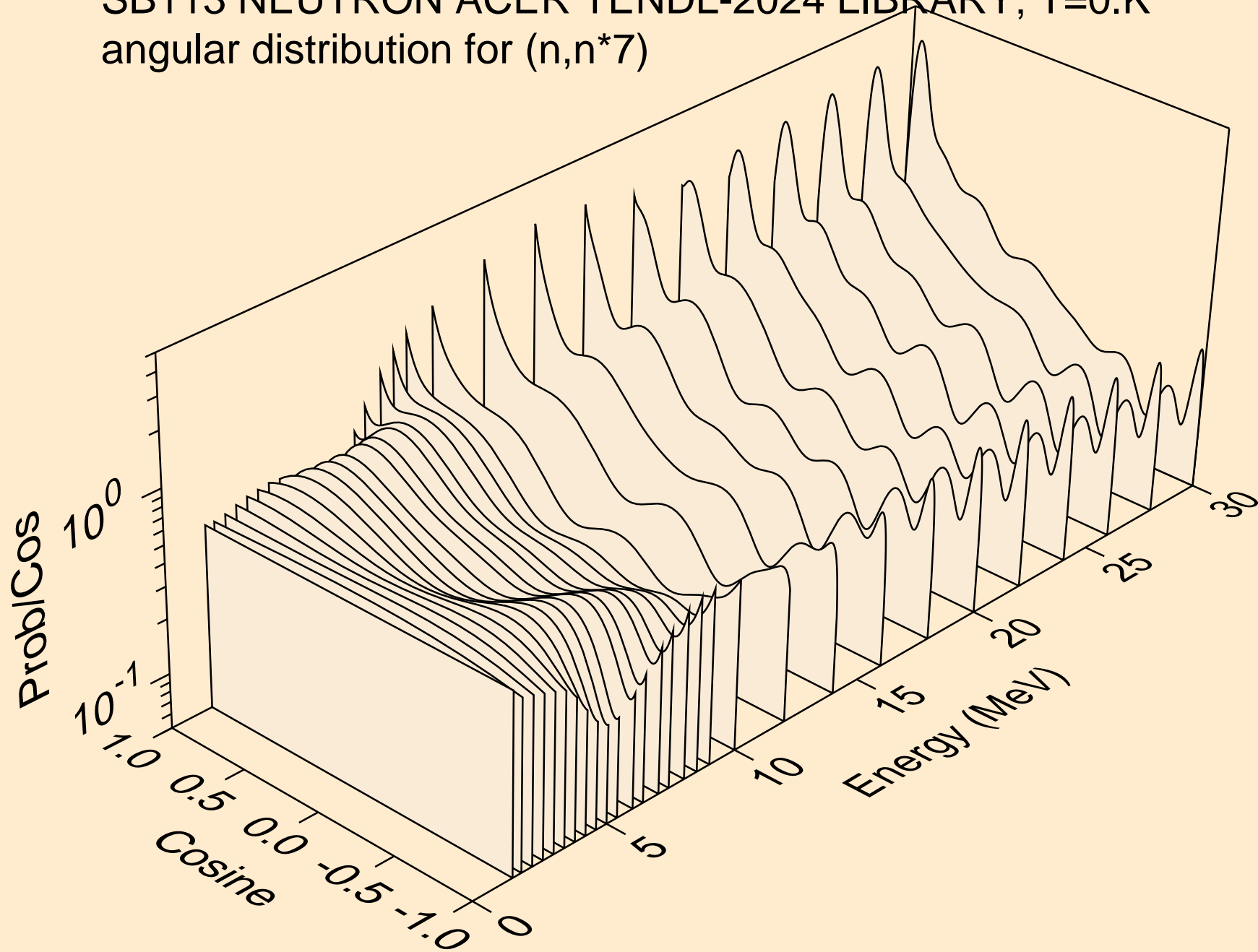
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angular distribution for (n,n\*5)



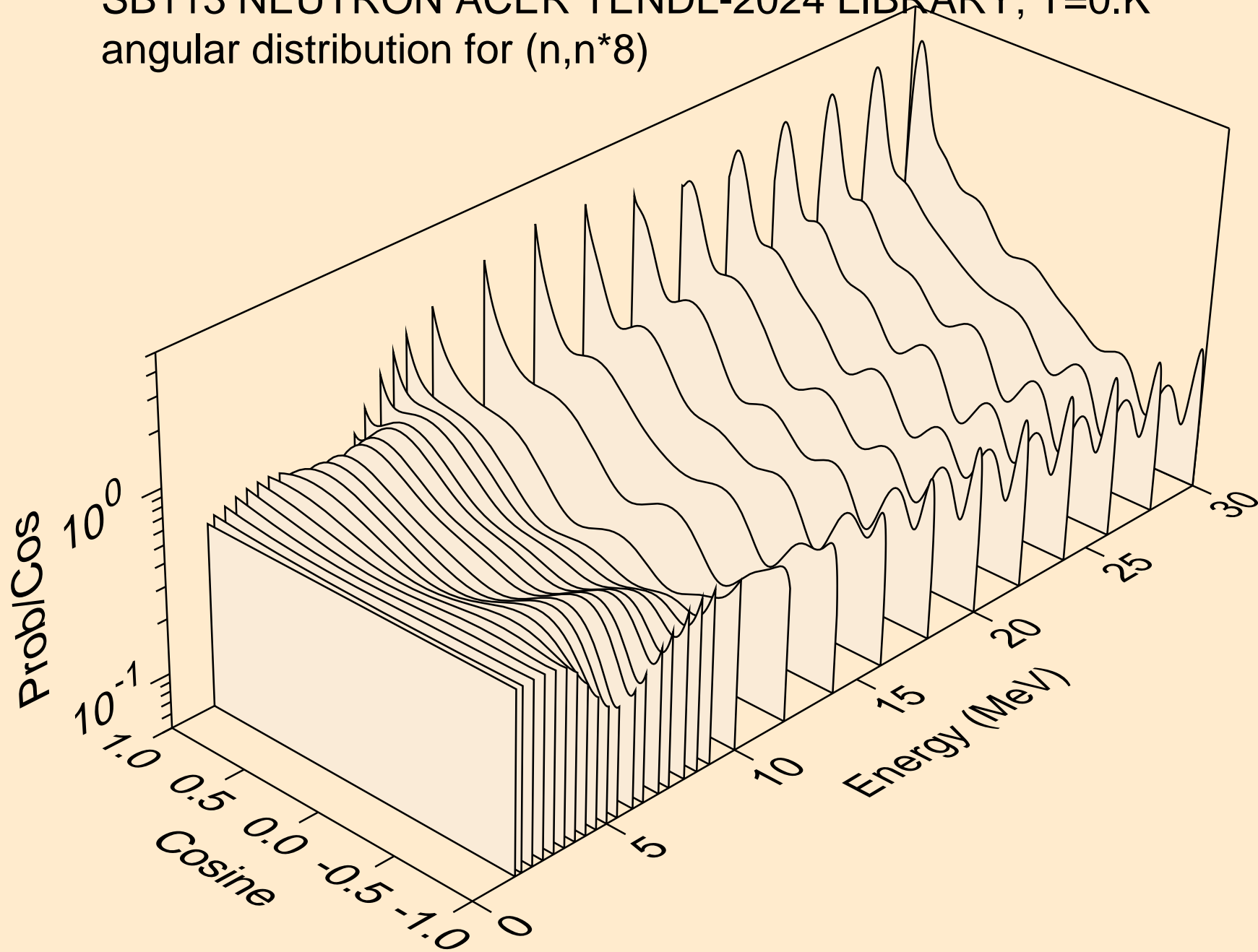
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angular distribution for (n,n\*6)



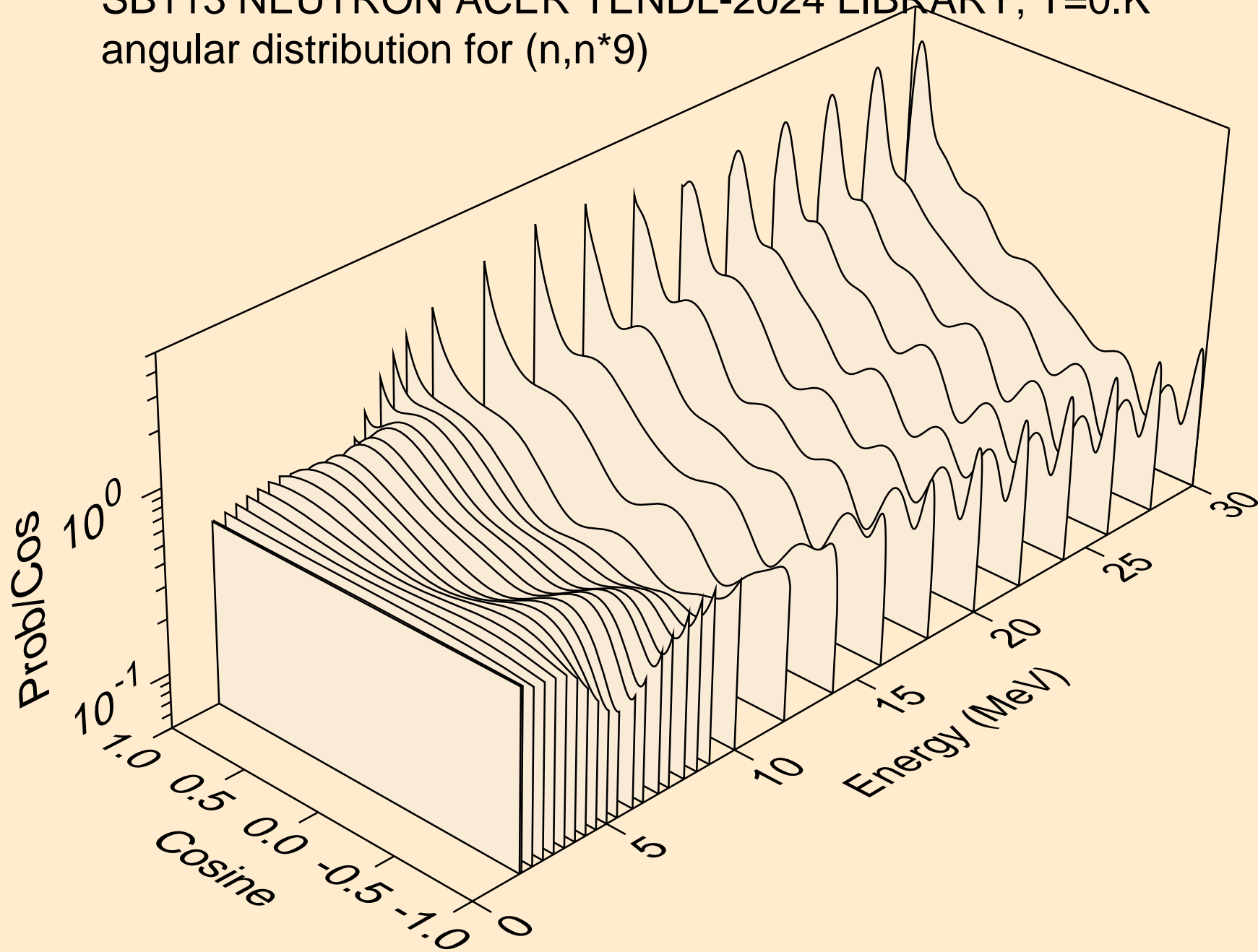
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angular distribution for (n,n\*7)



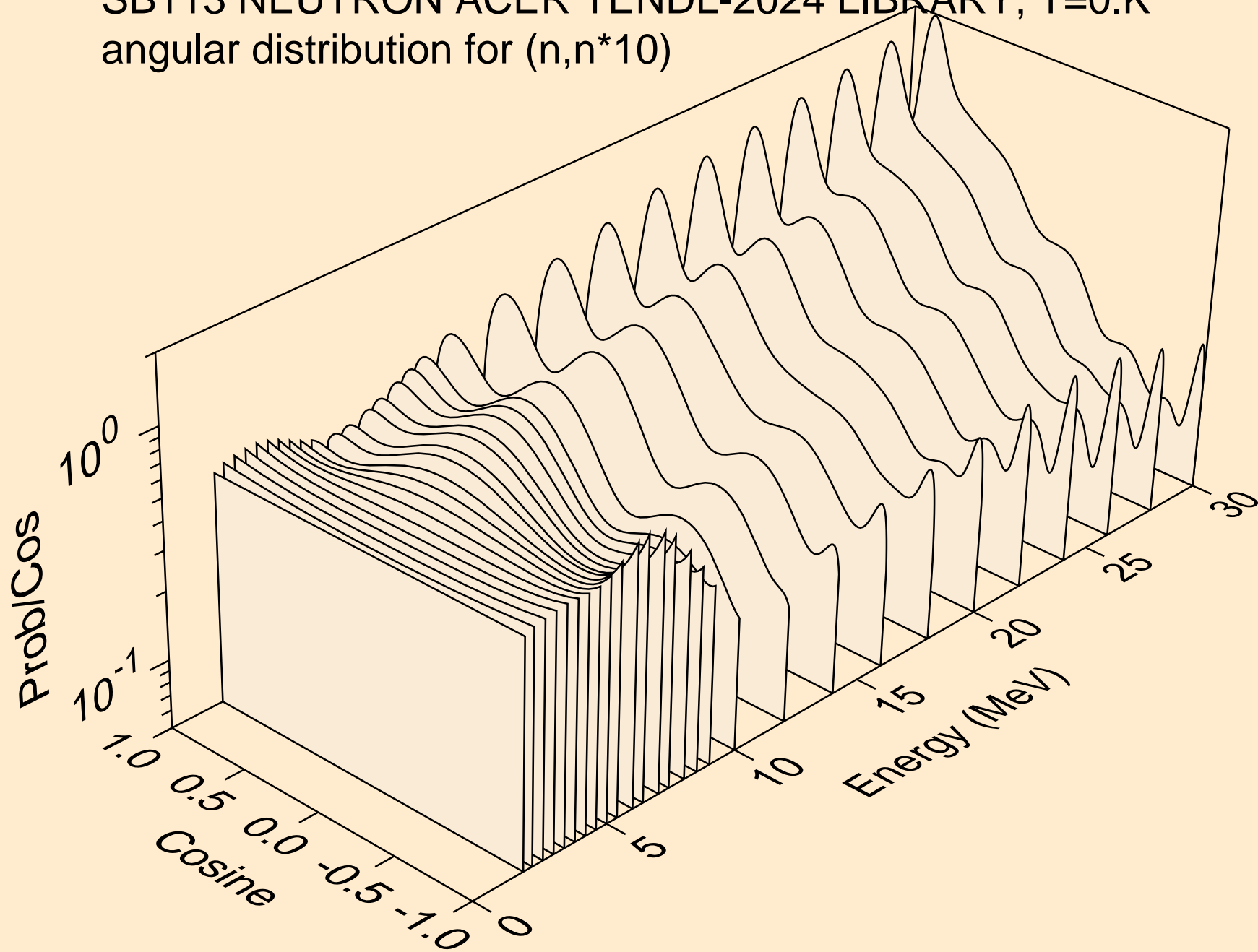
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

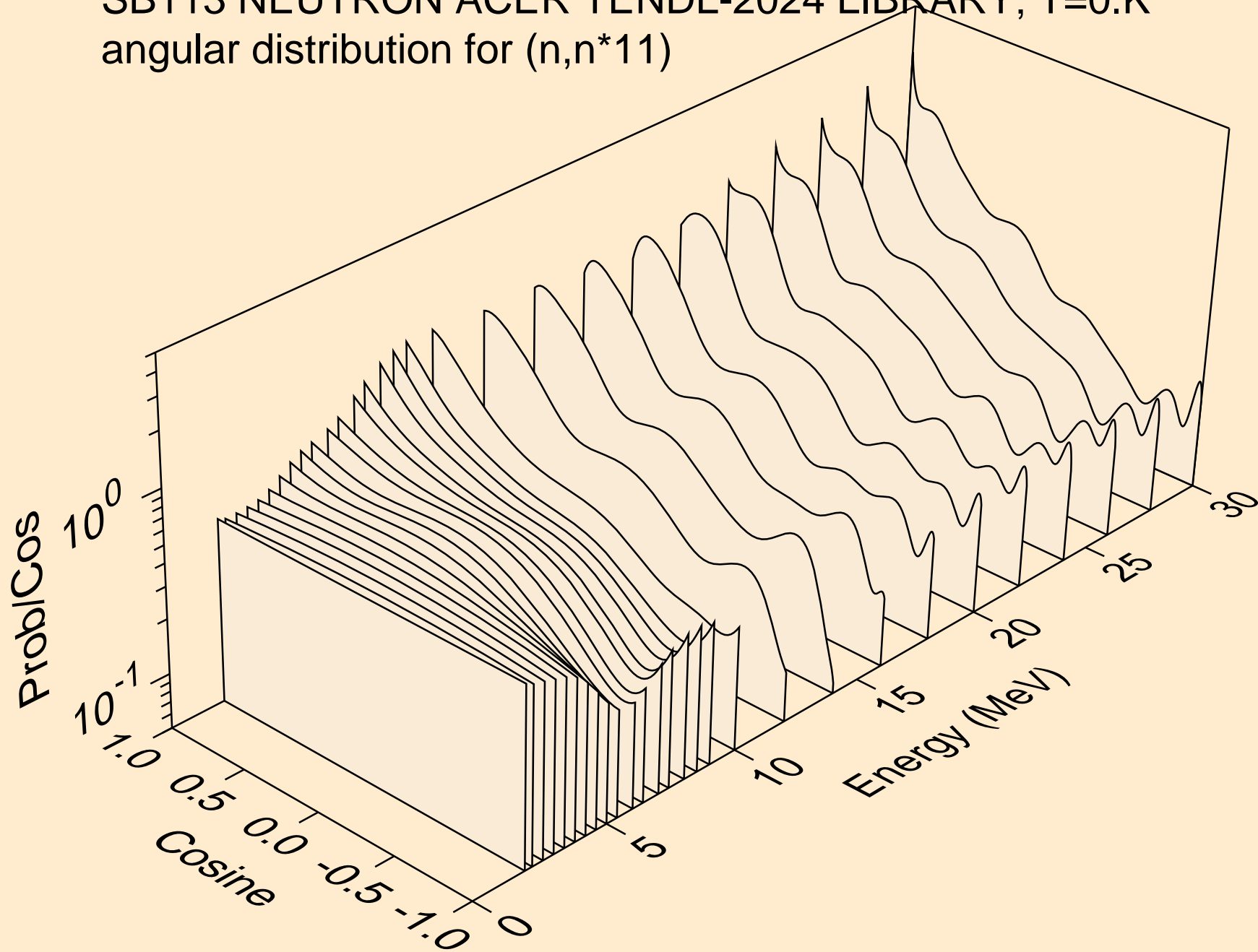


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

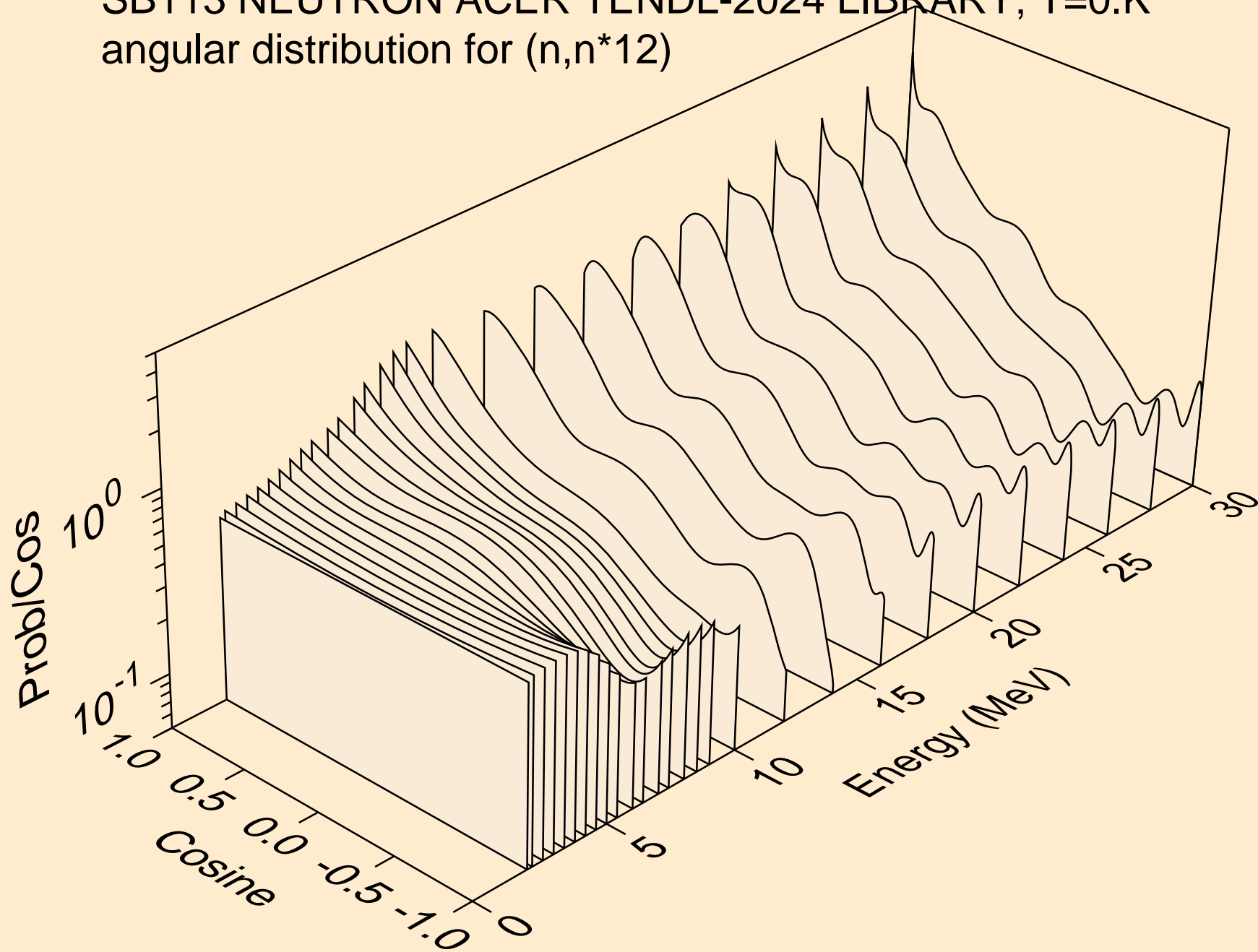




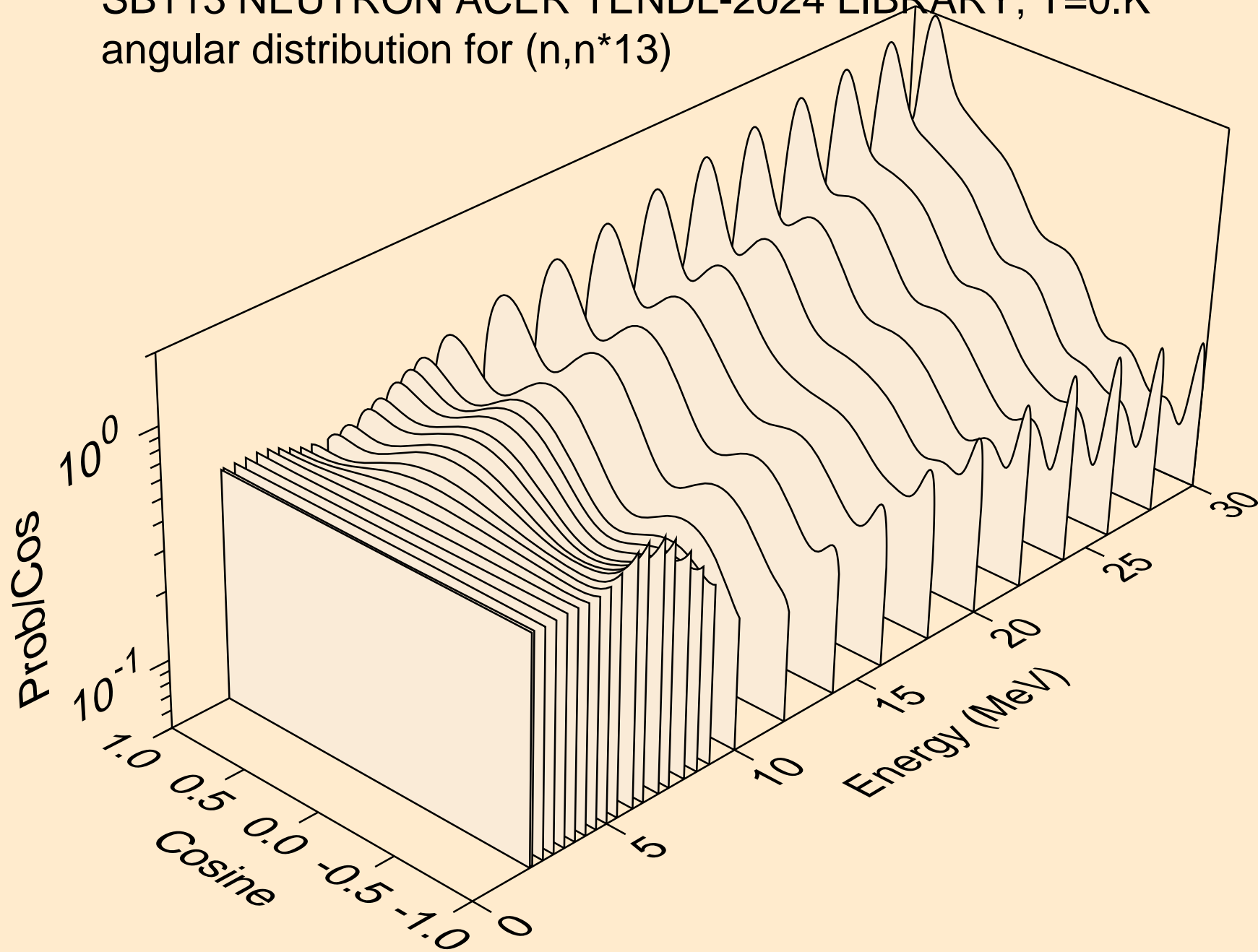
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angular distribution for (n,n\*11)



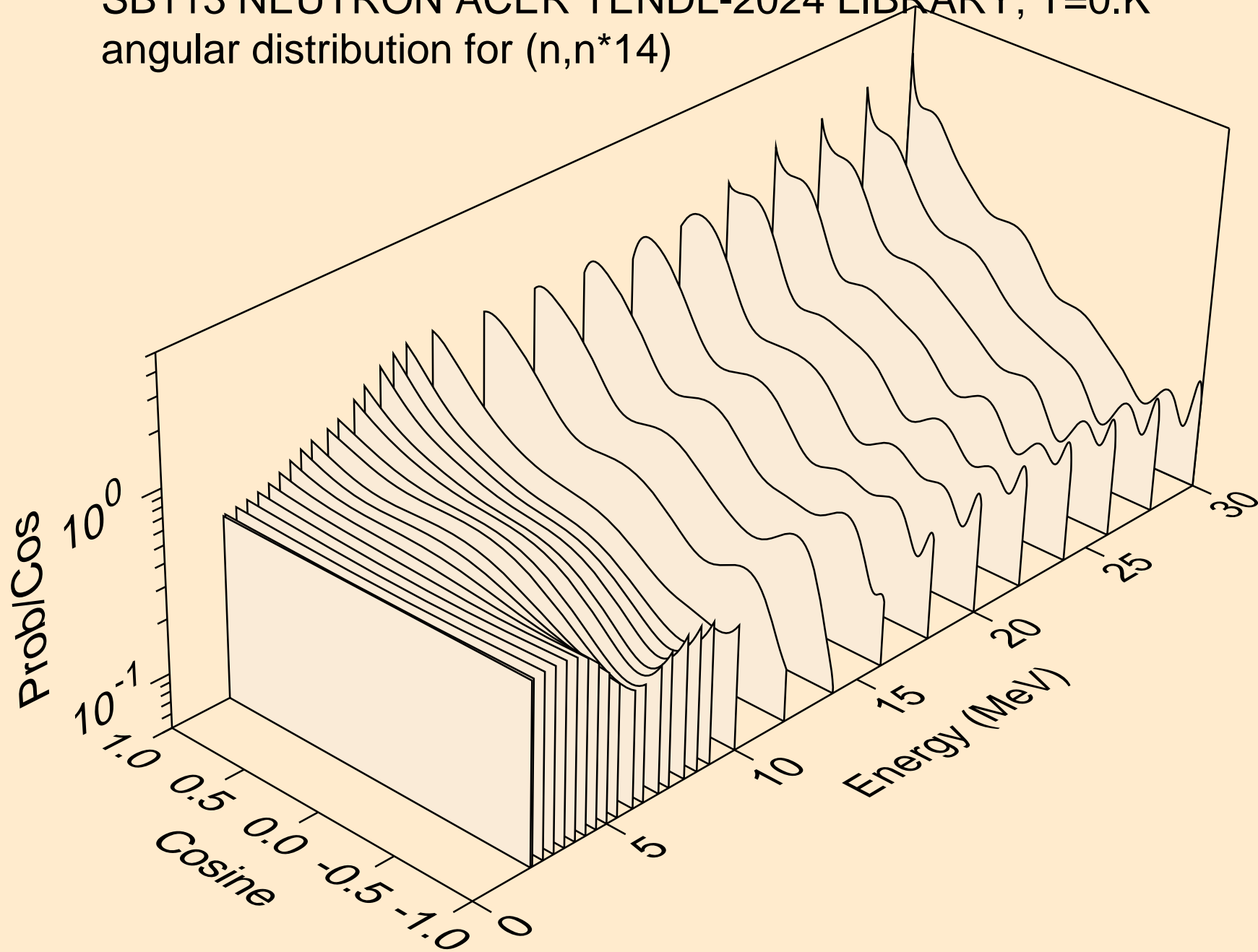
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angular distribution for (n,n\*12)



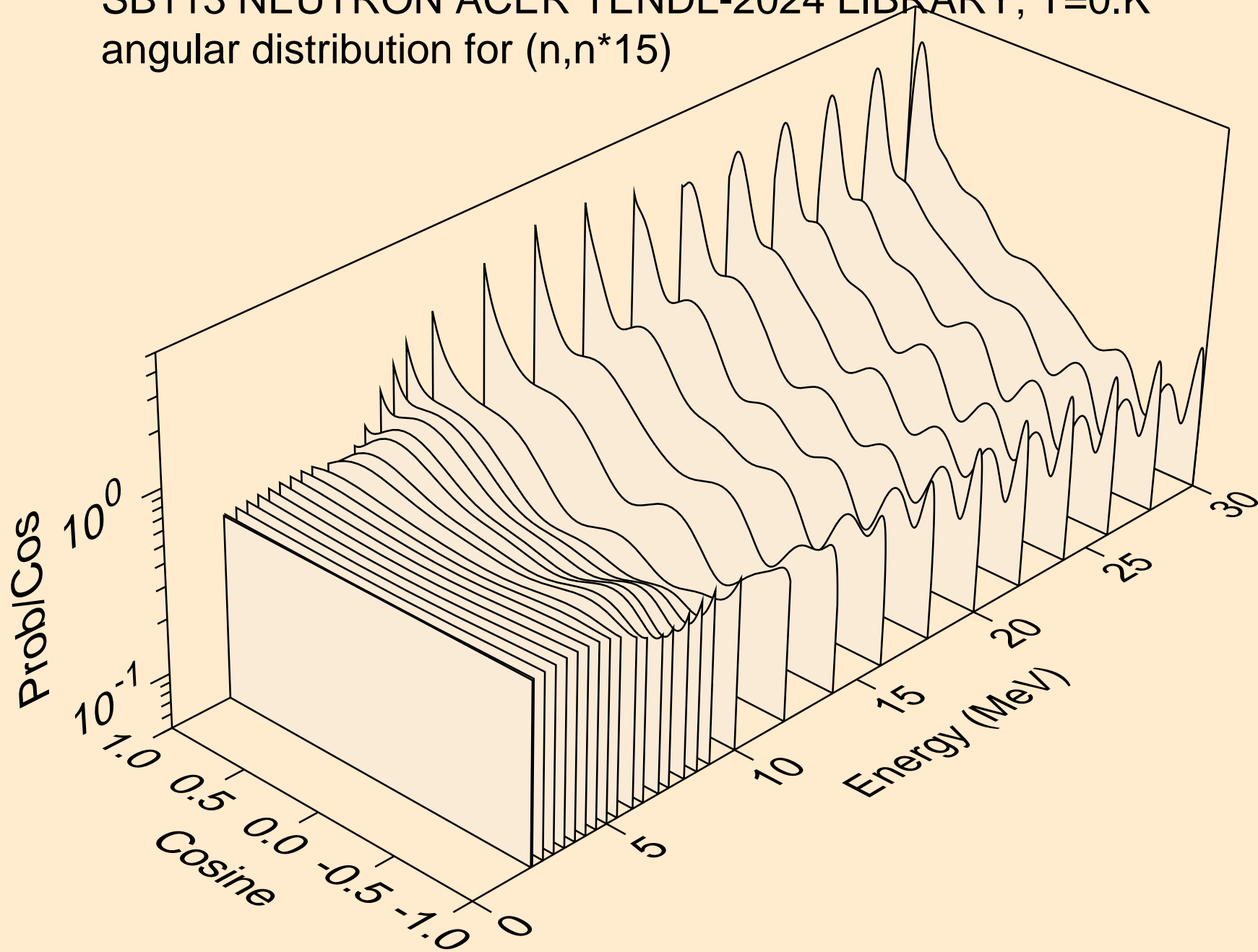
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angular distribution for (n,n\*13)



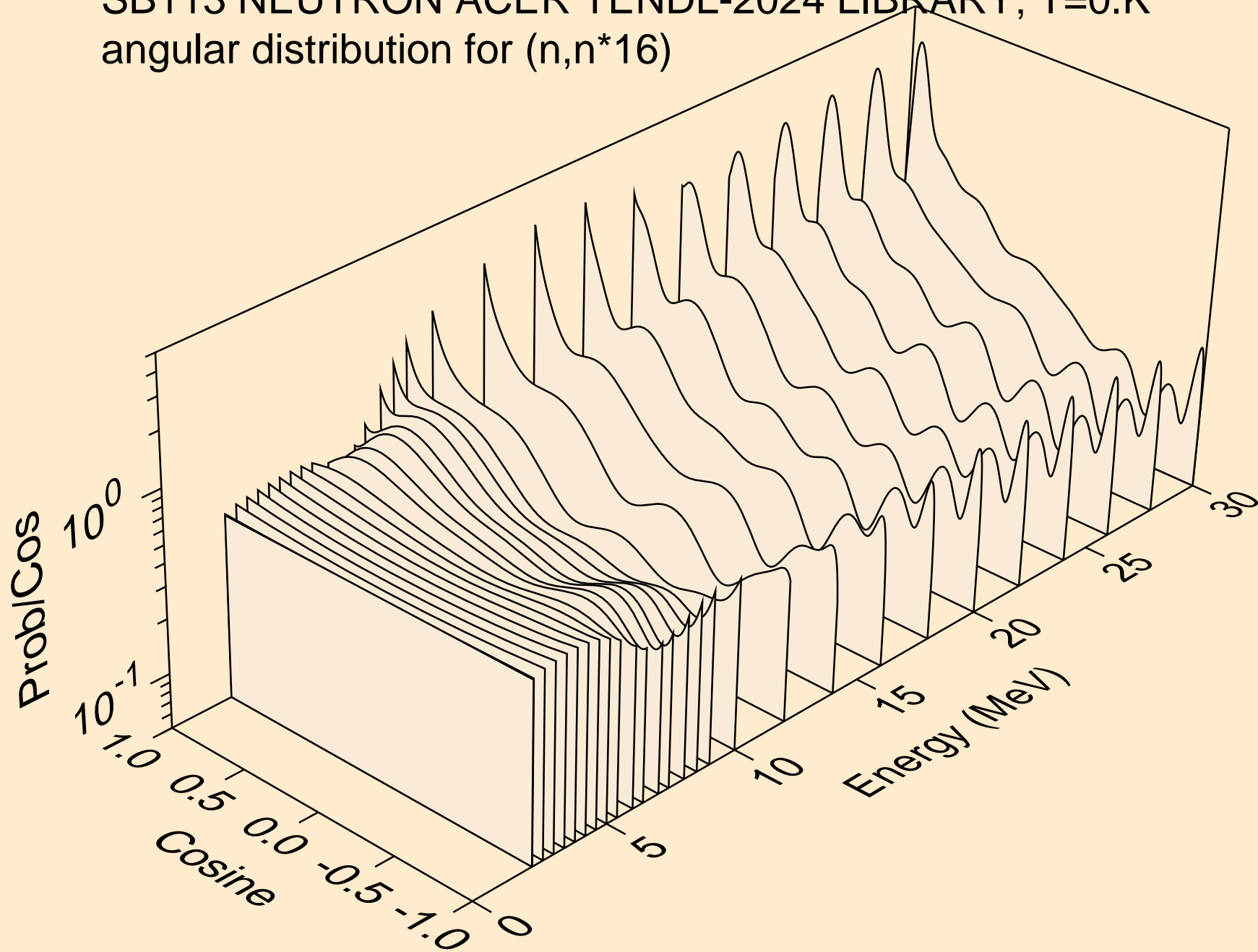
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angular distribution for (n,n\*14)



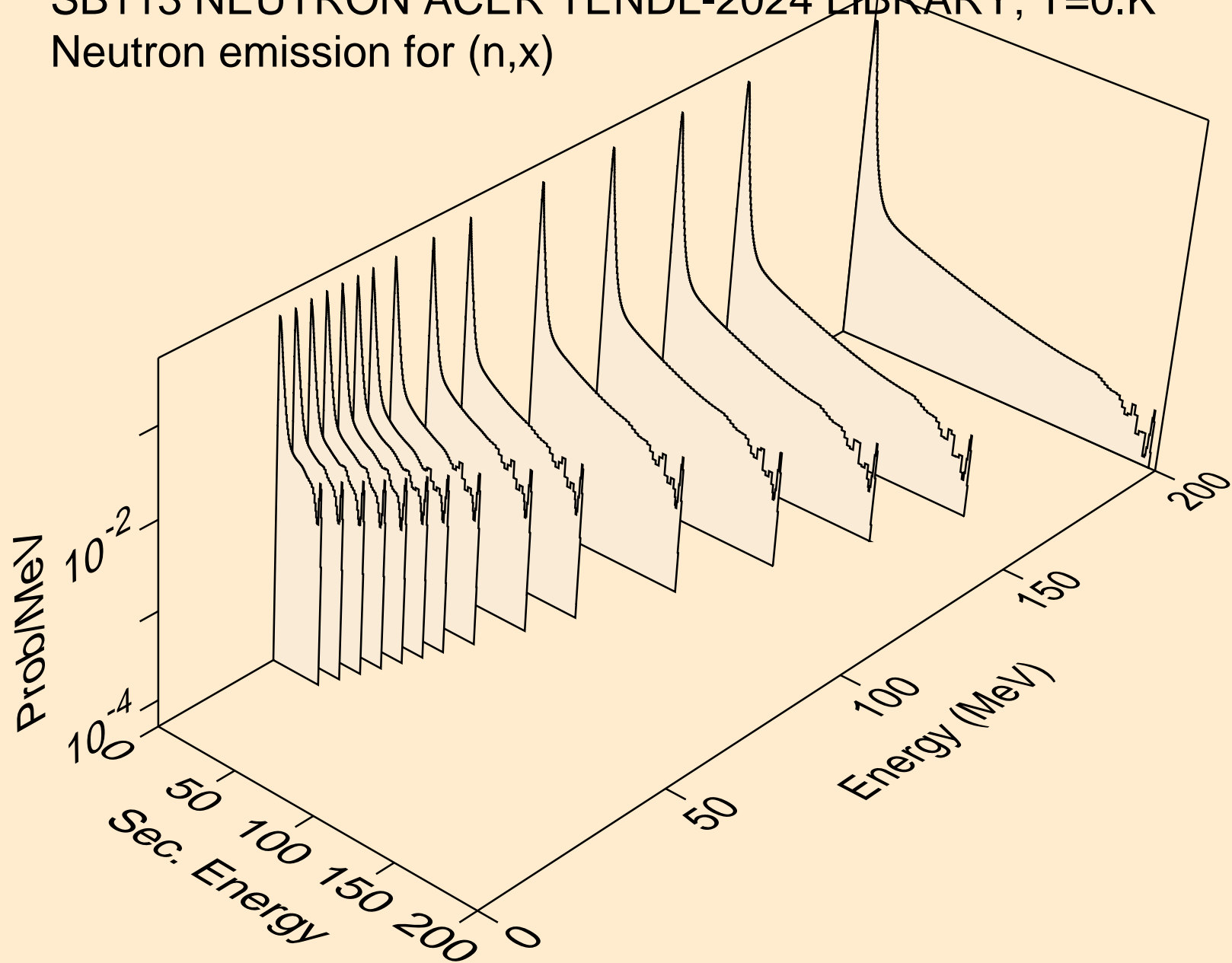
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angular distribution for (n,n\*15)



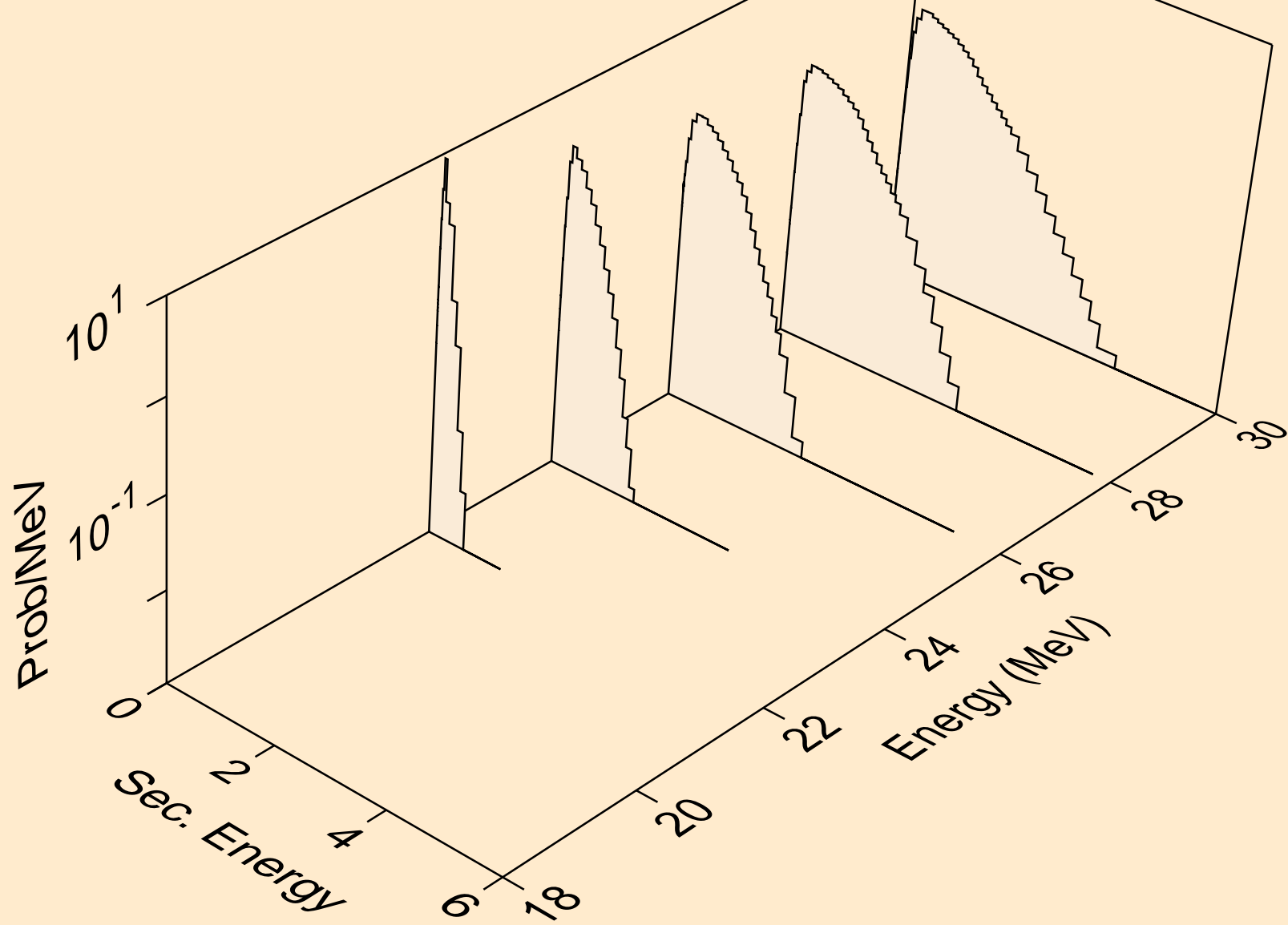
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angular distribution for (n,n\*16)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

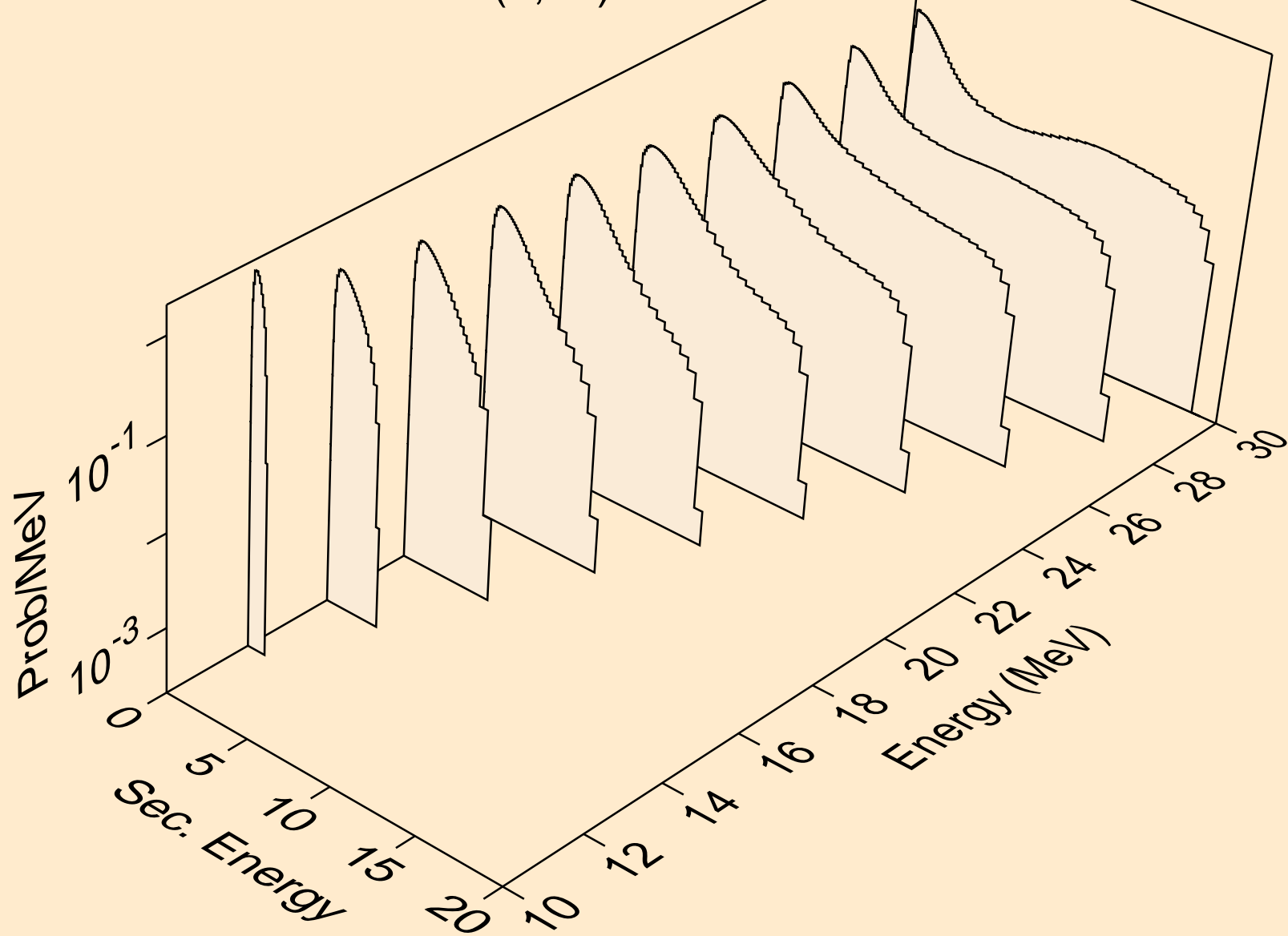


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

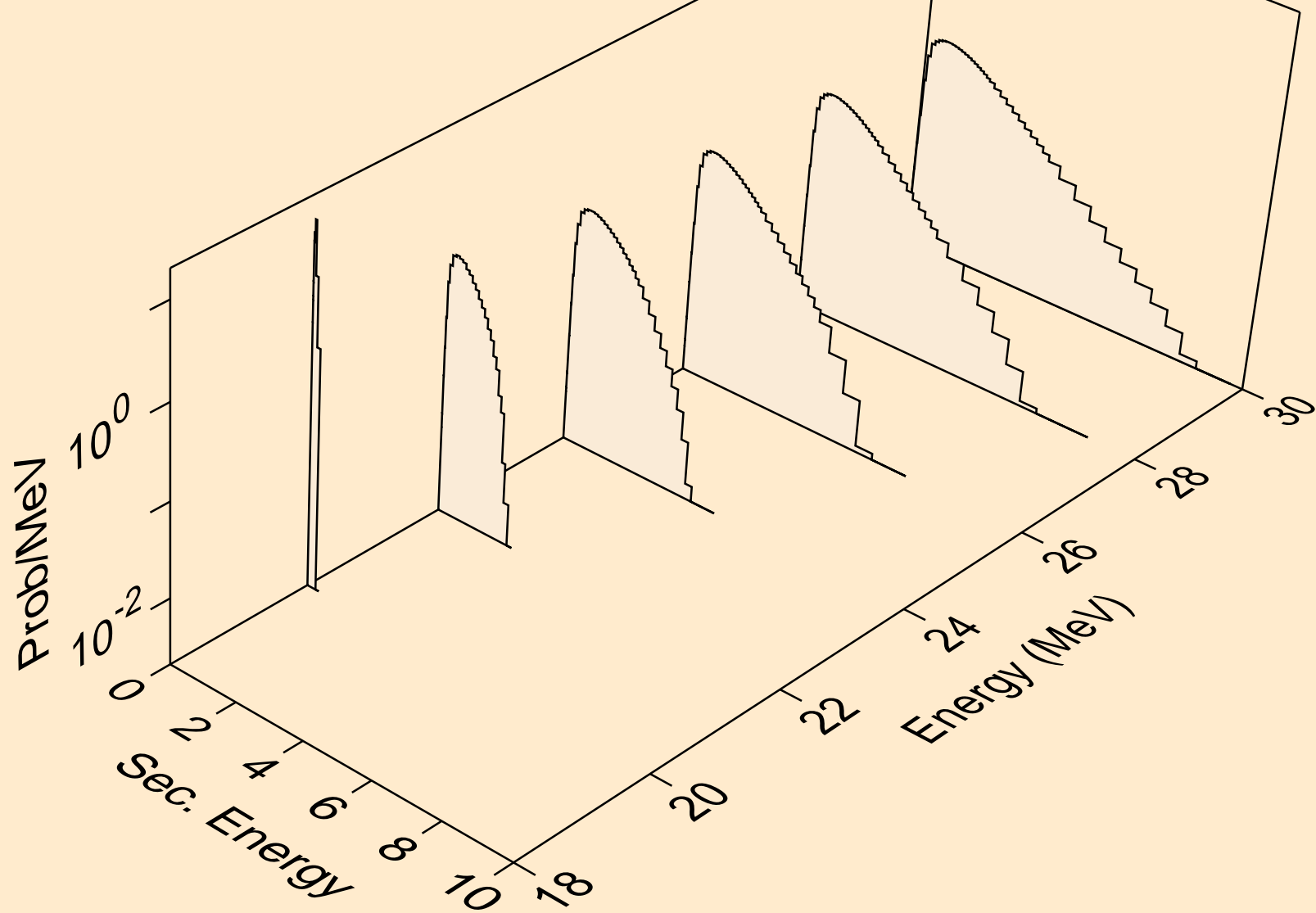




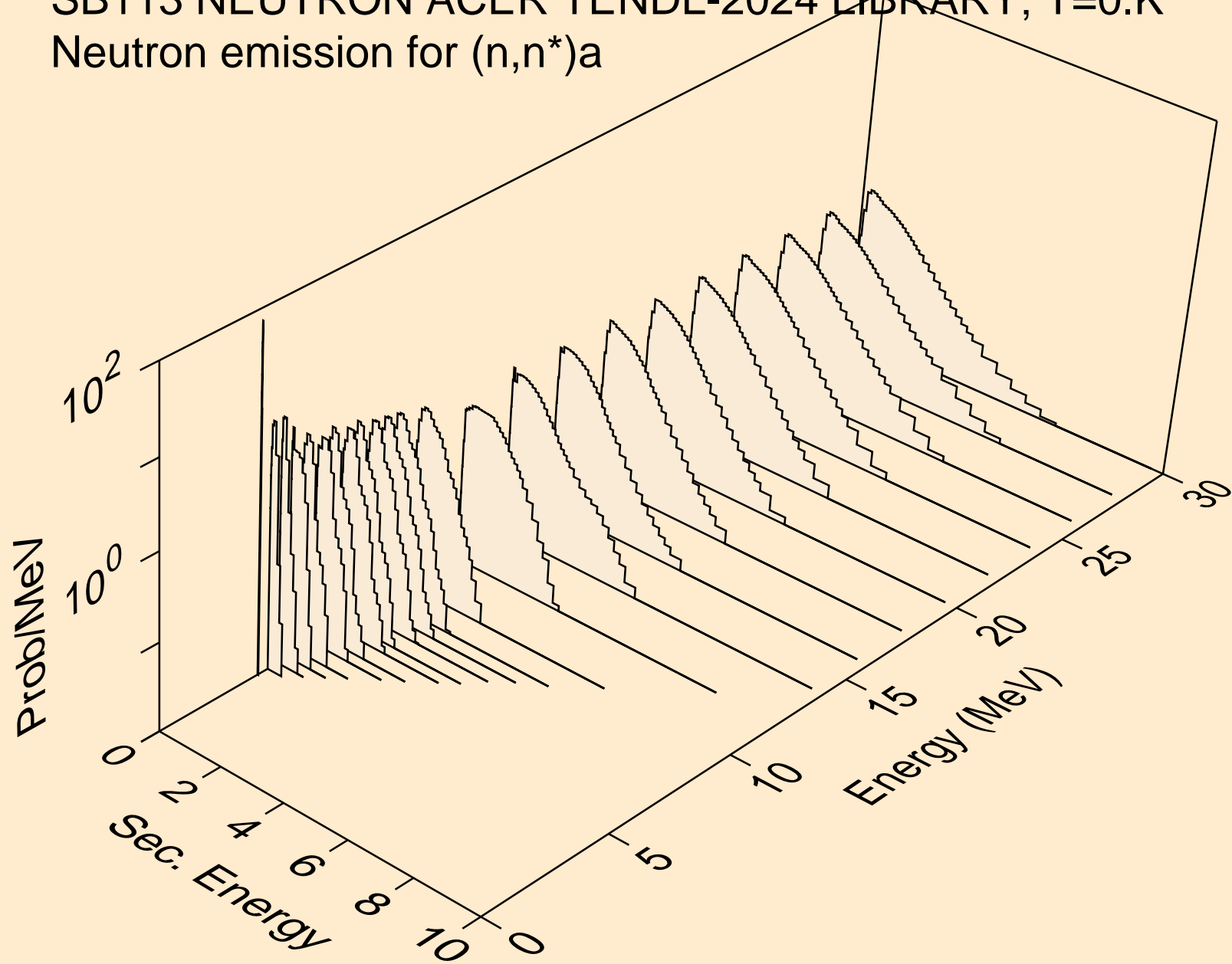
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



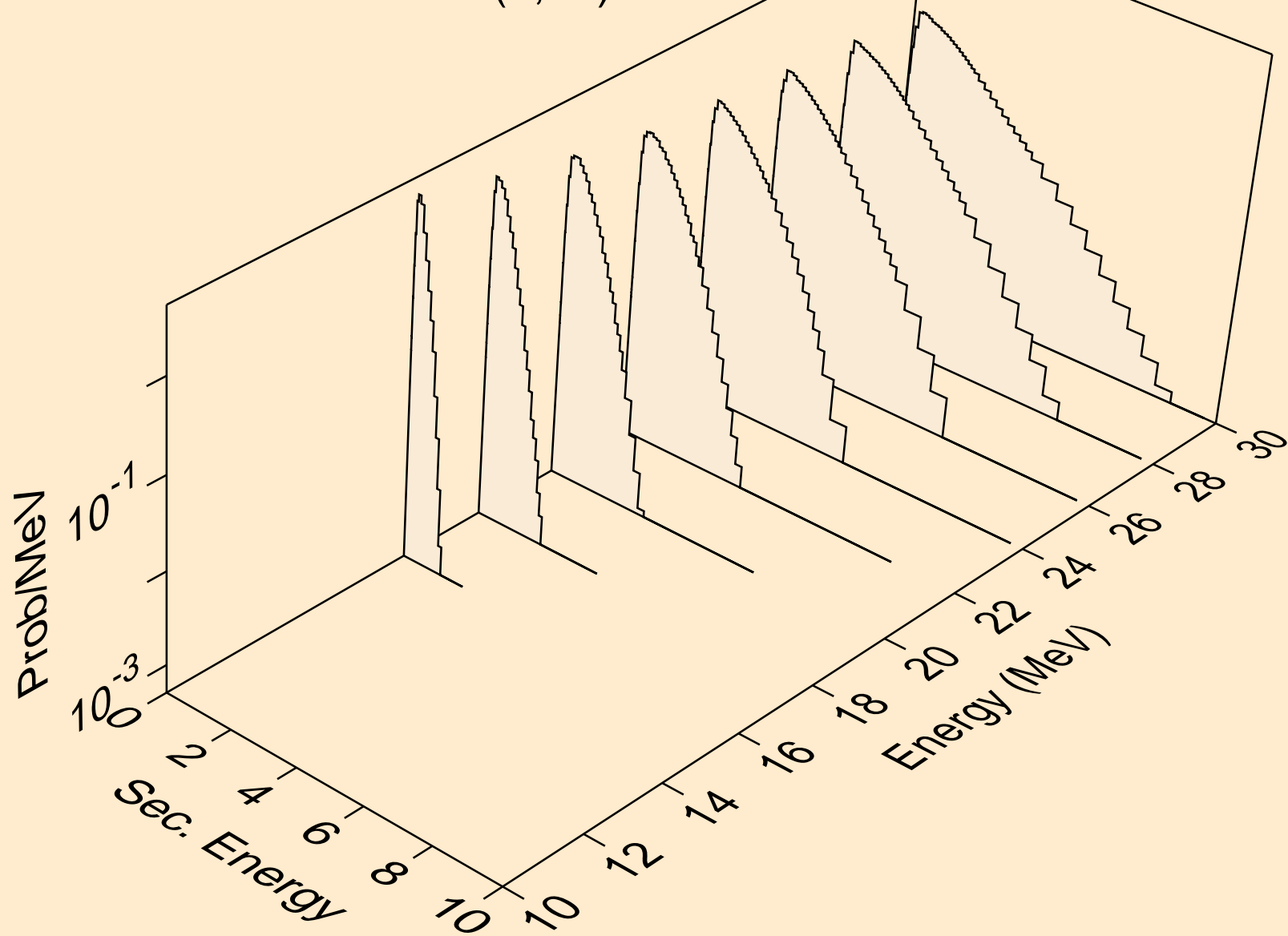
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



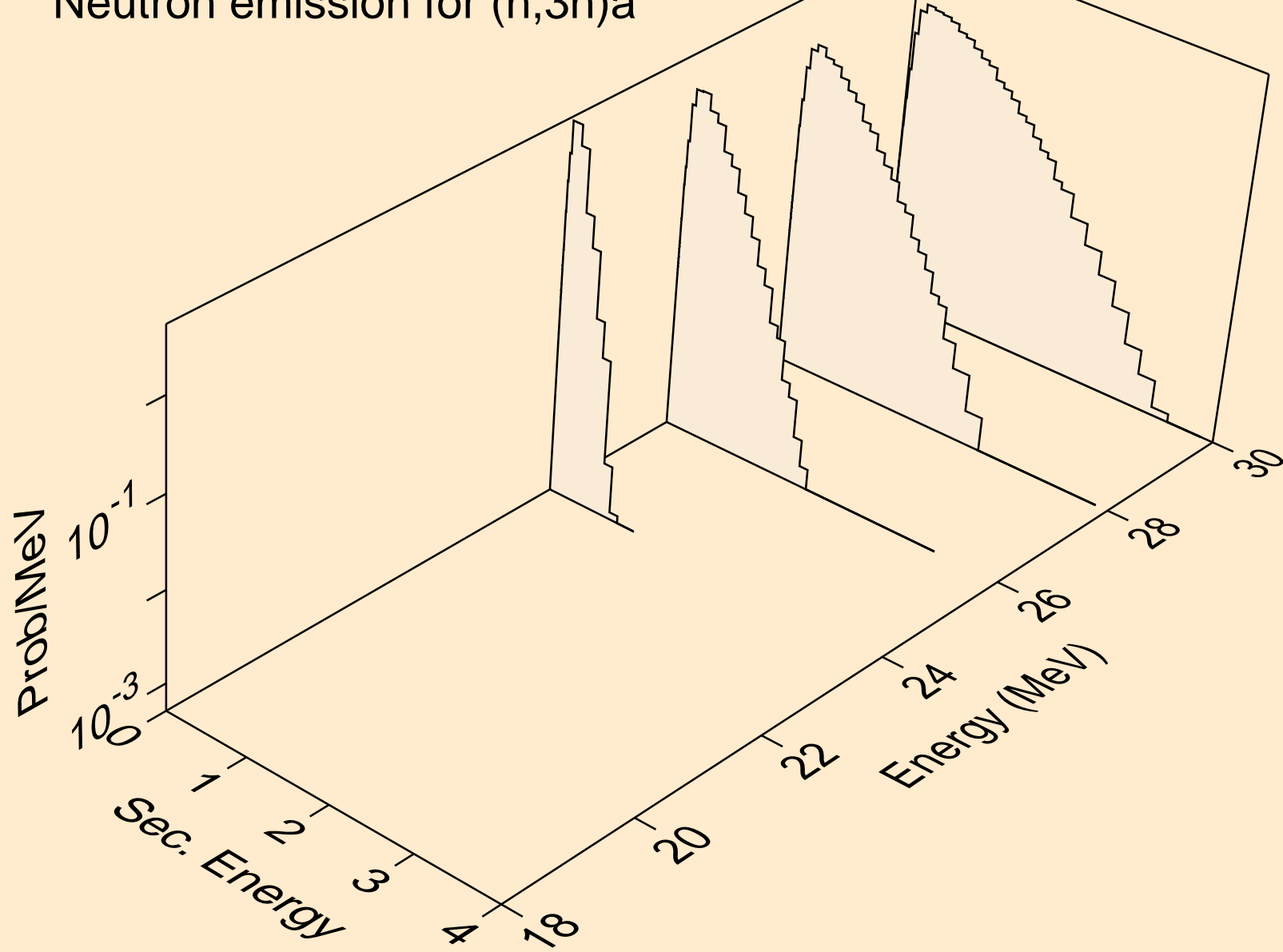
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Neutron emission for (n,n\*)a



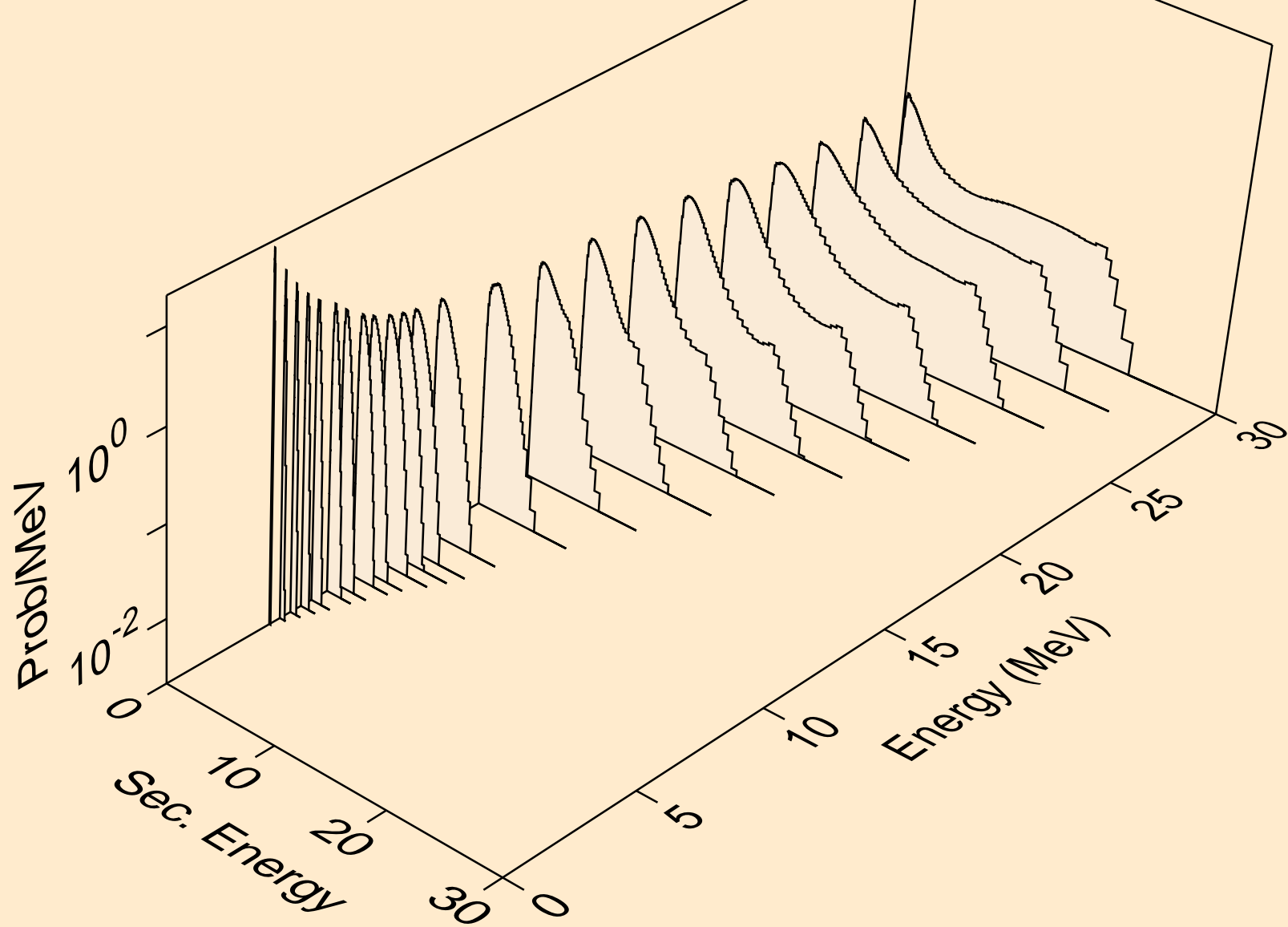
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Neutron emission for (n,2n)a



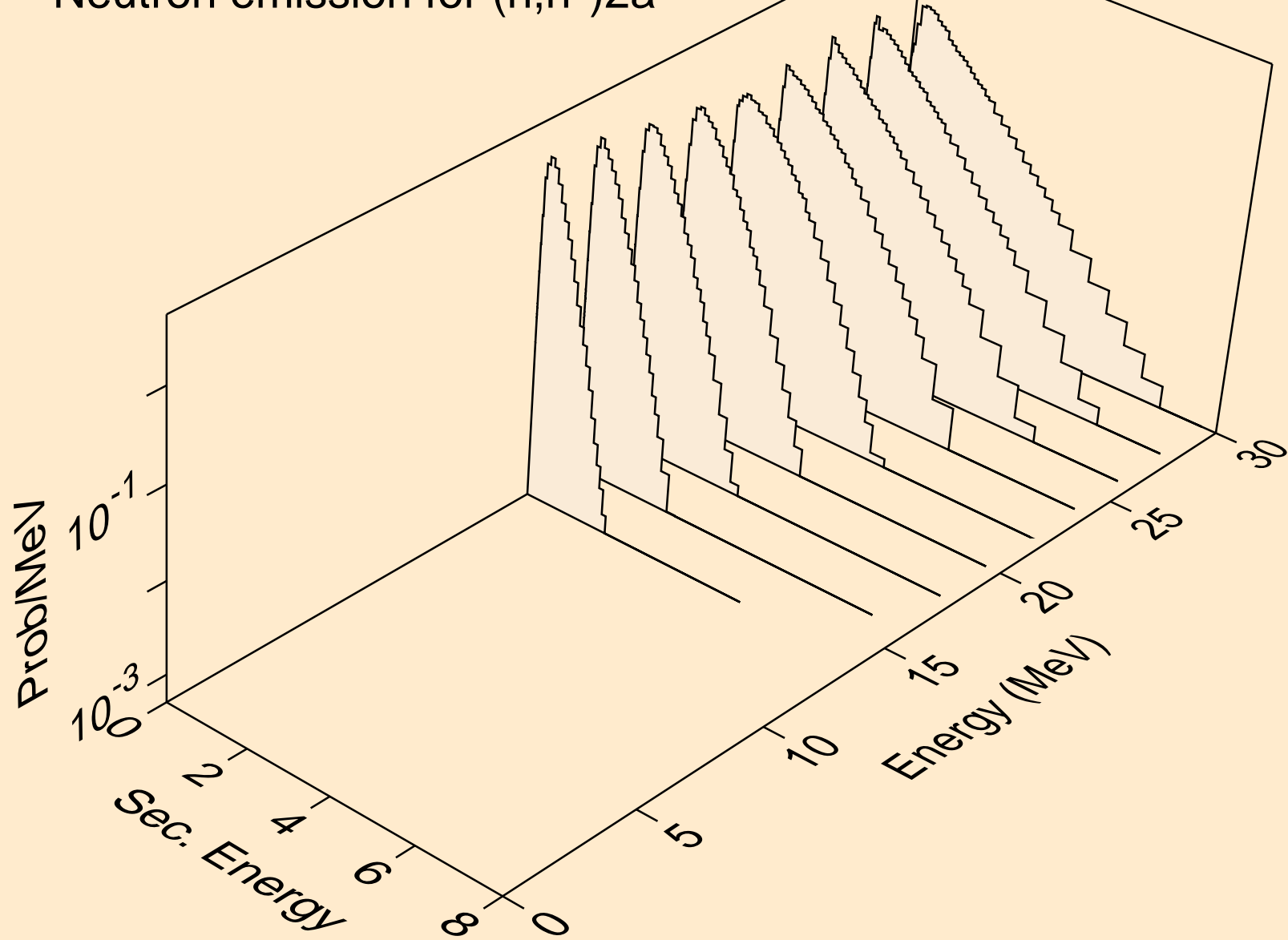
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Neutron emission for (n,3n)a



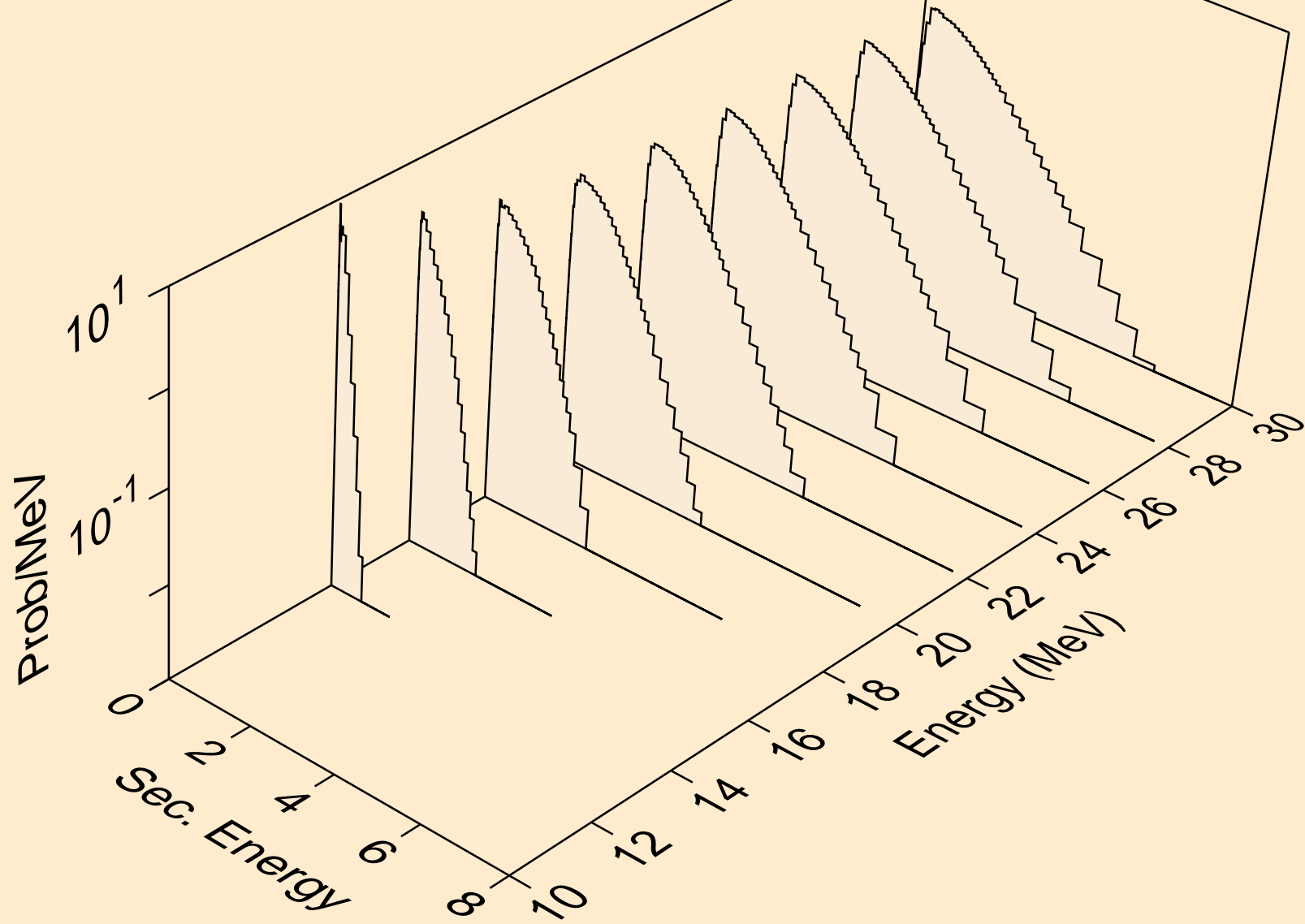
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

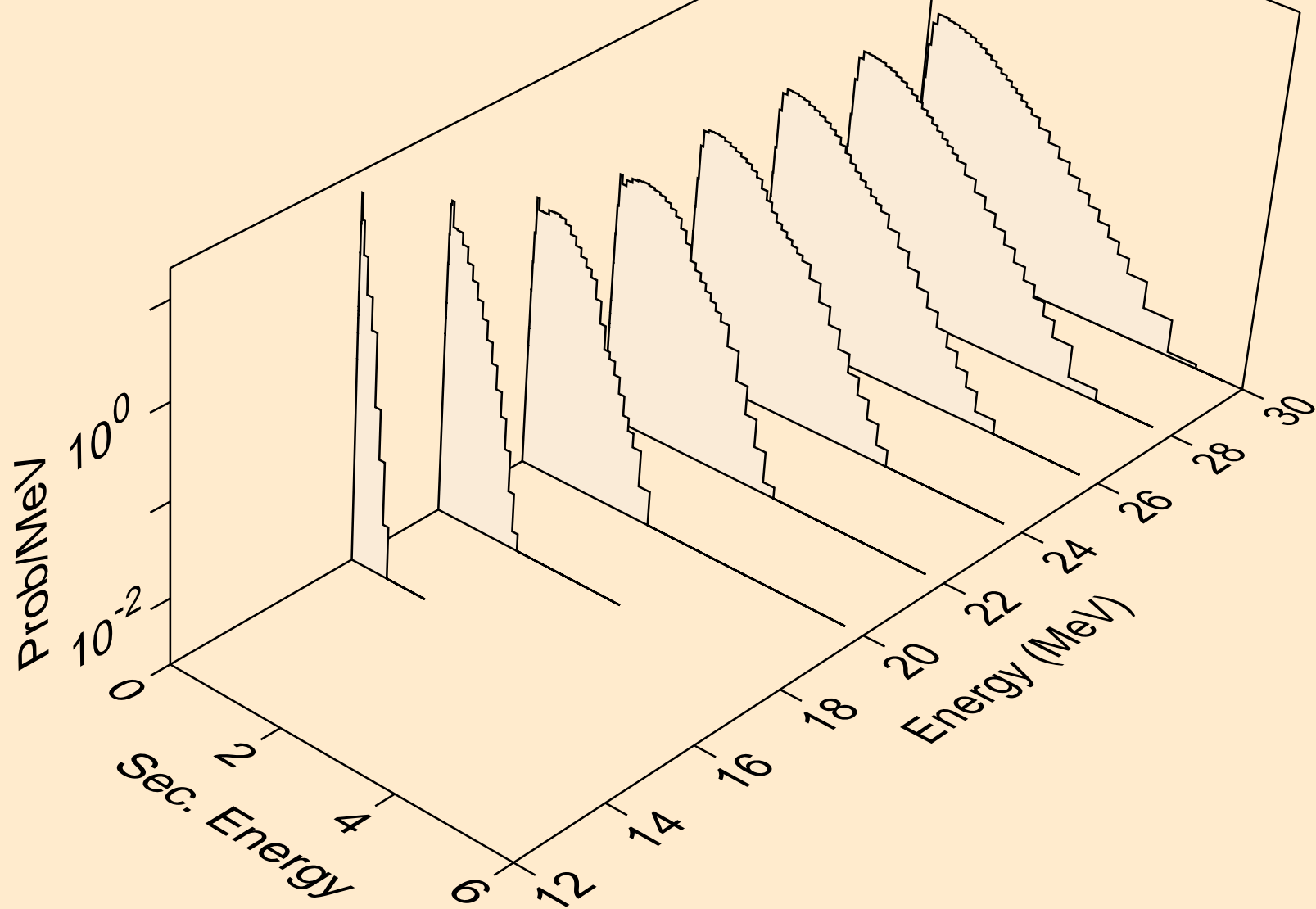


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

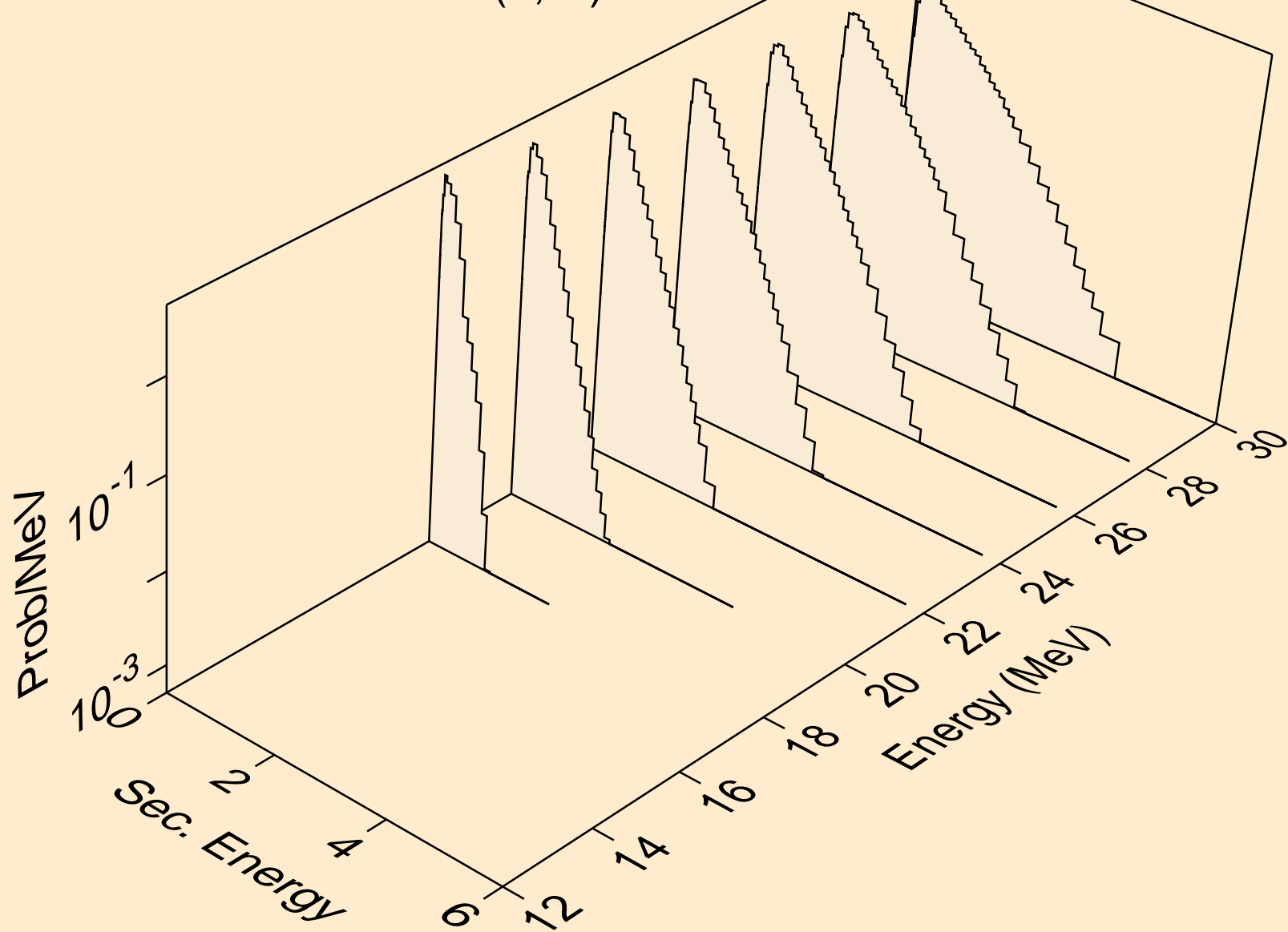




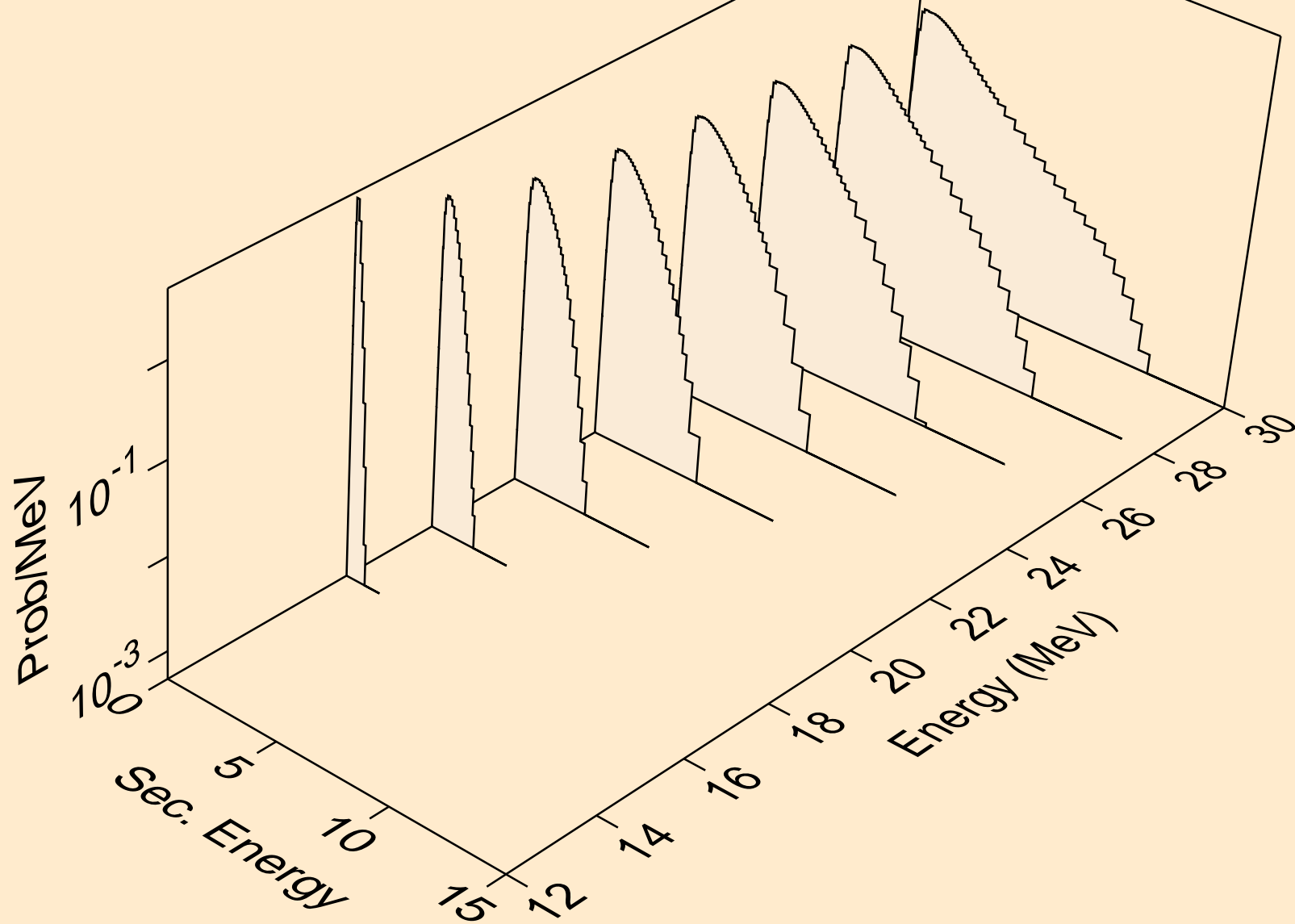
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Neutron emission for (n,n\*)t



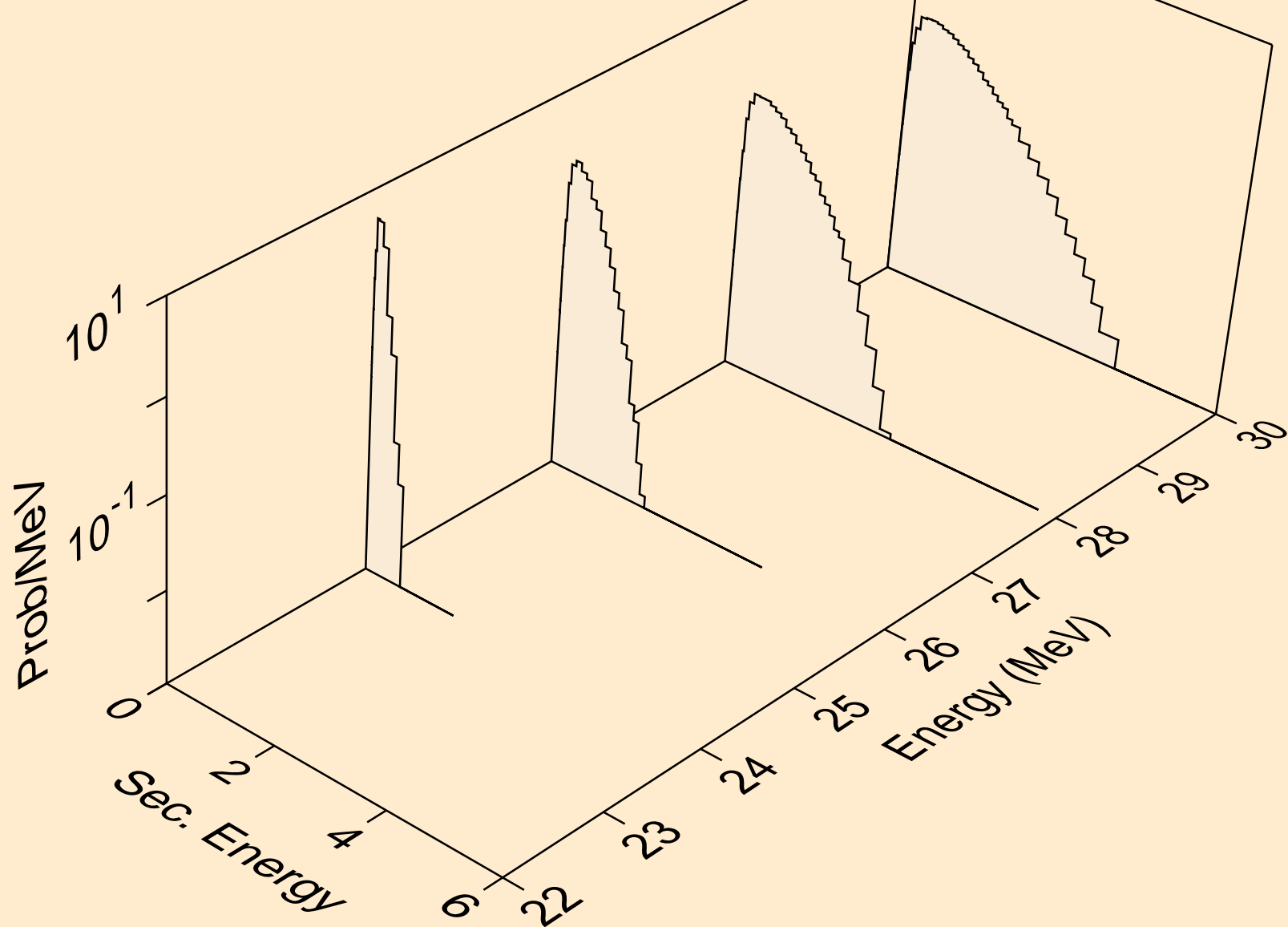
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



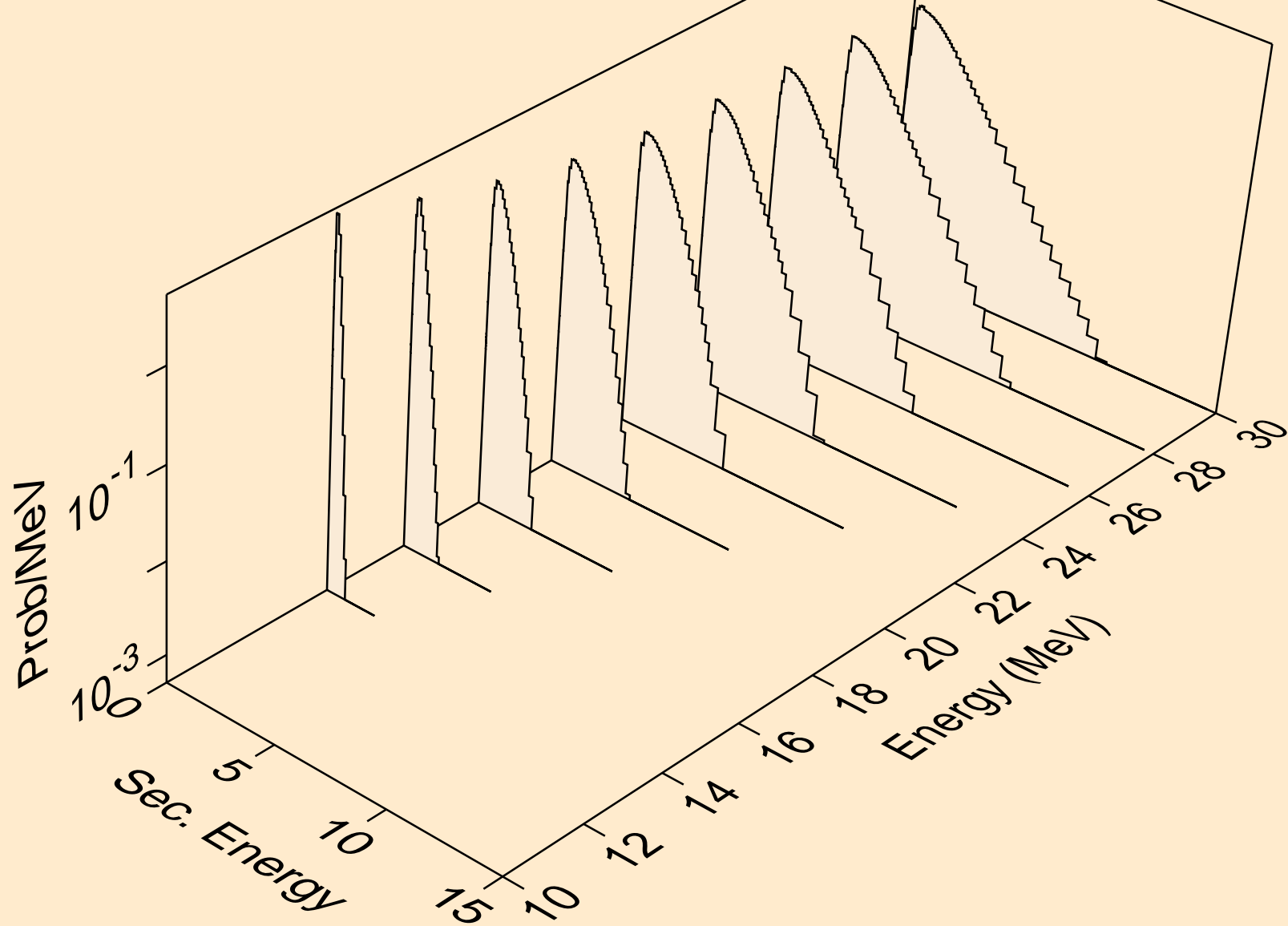
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Neutron emission for (n,2np)



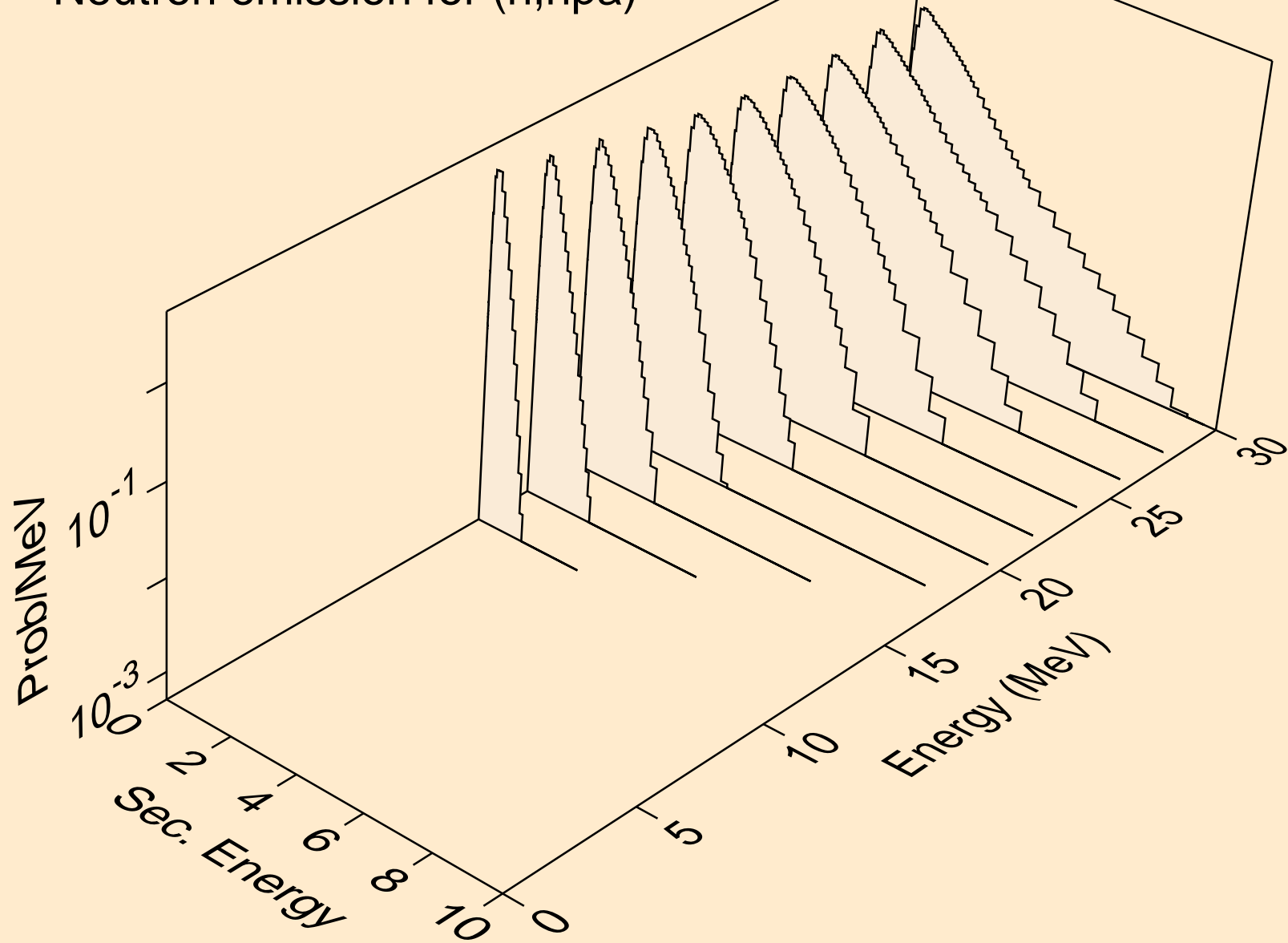
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Neutron emission for (n,3np)



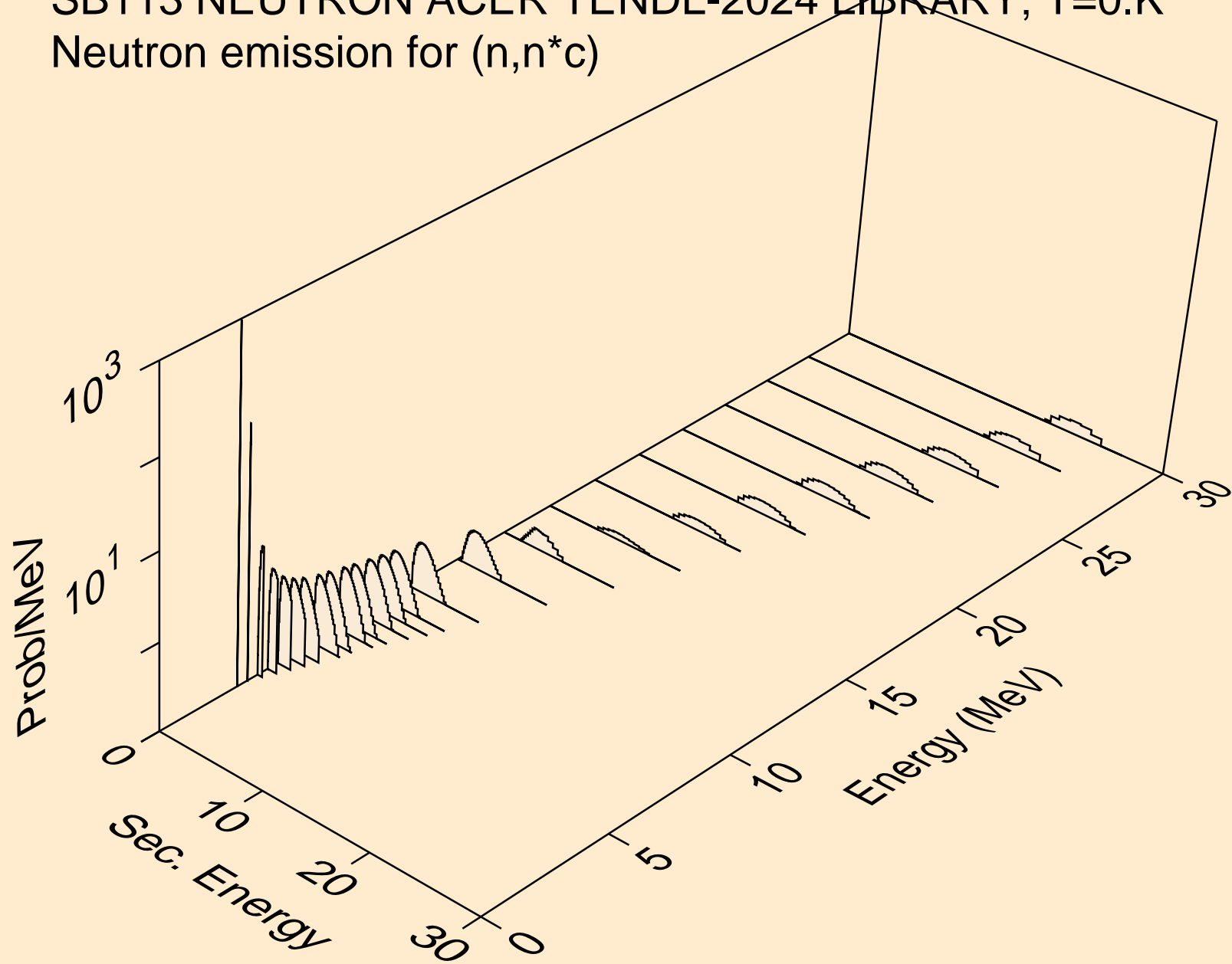
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Neutron emission for (n,n2p)



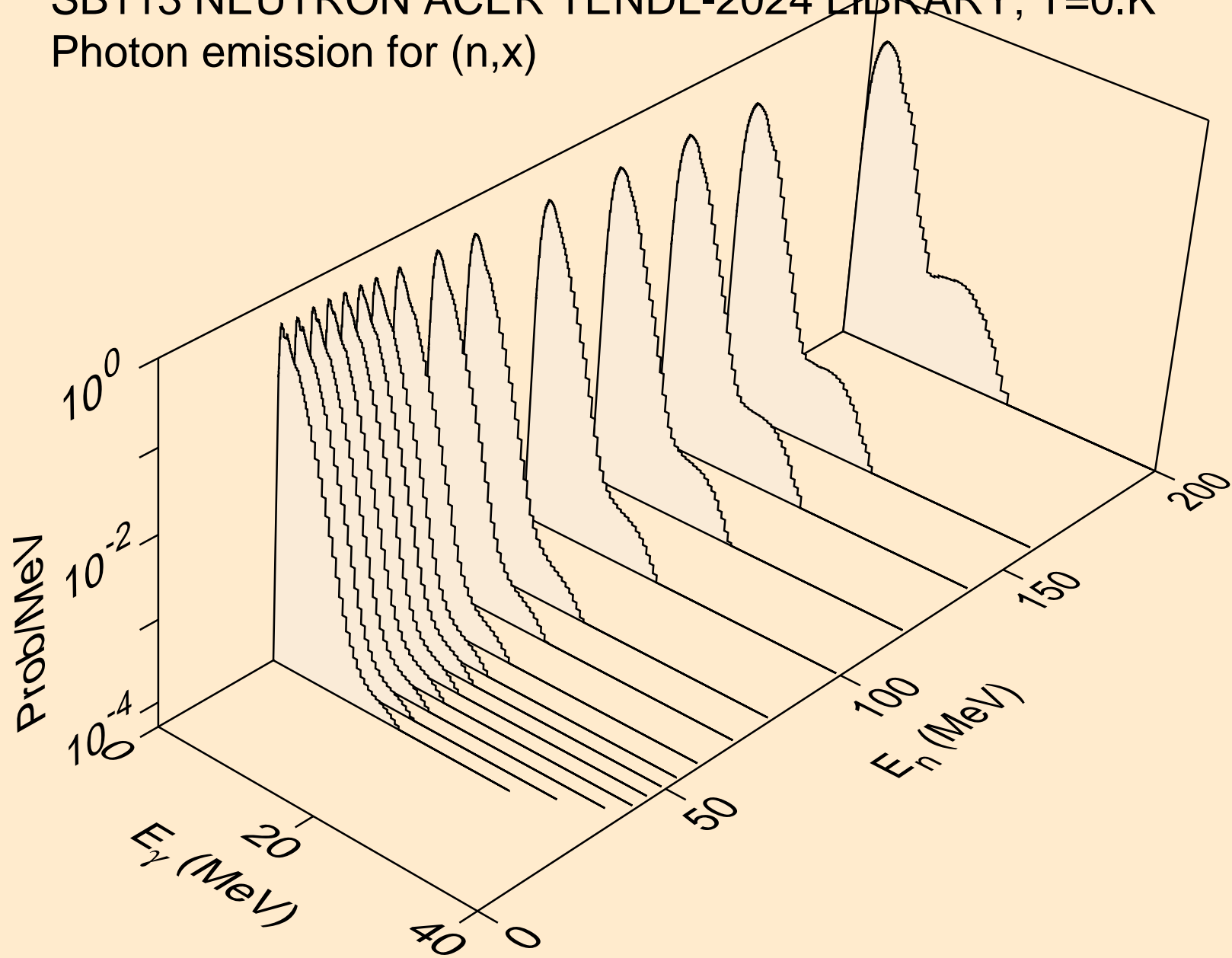
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

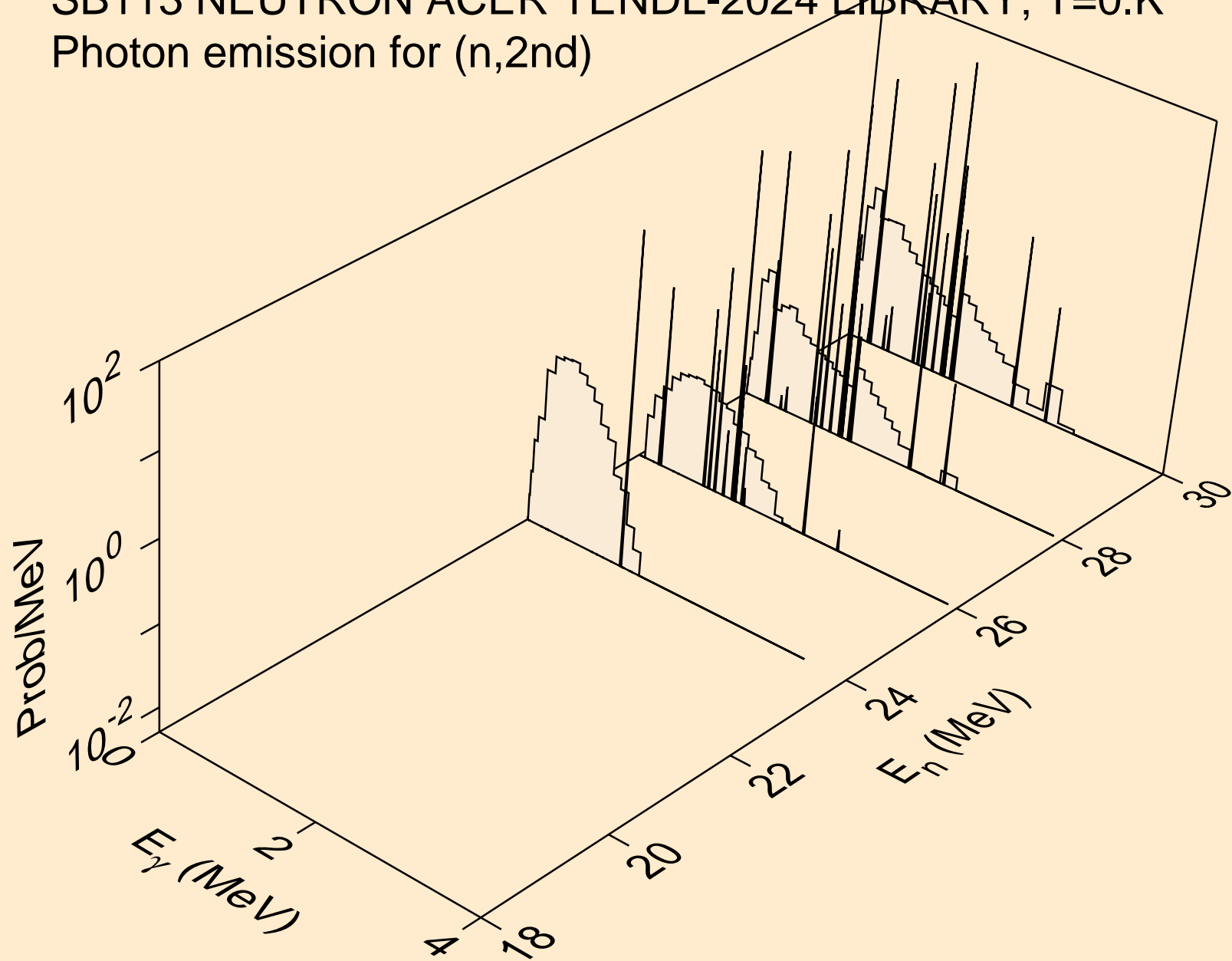


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

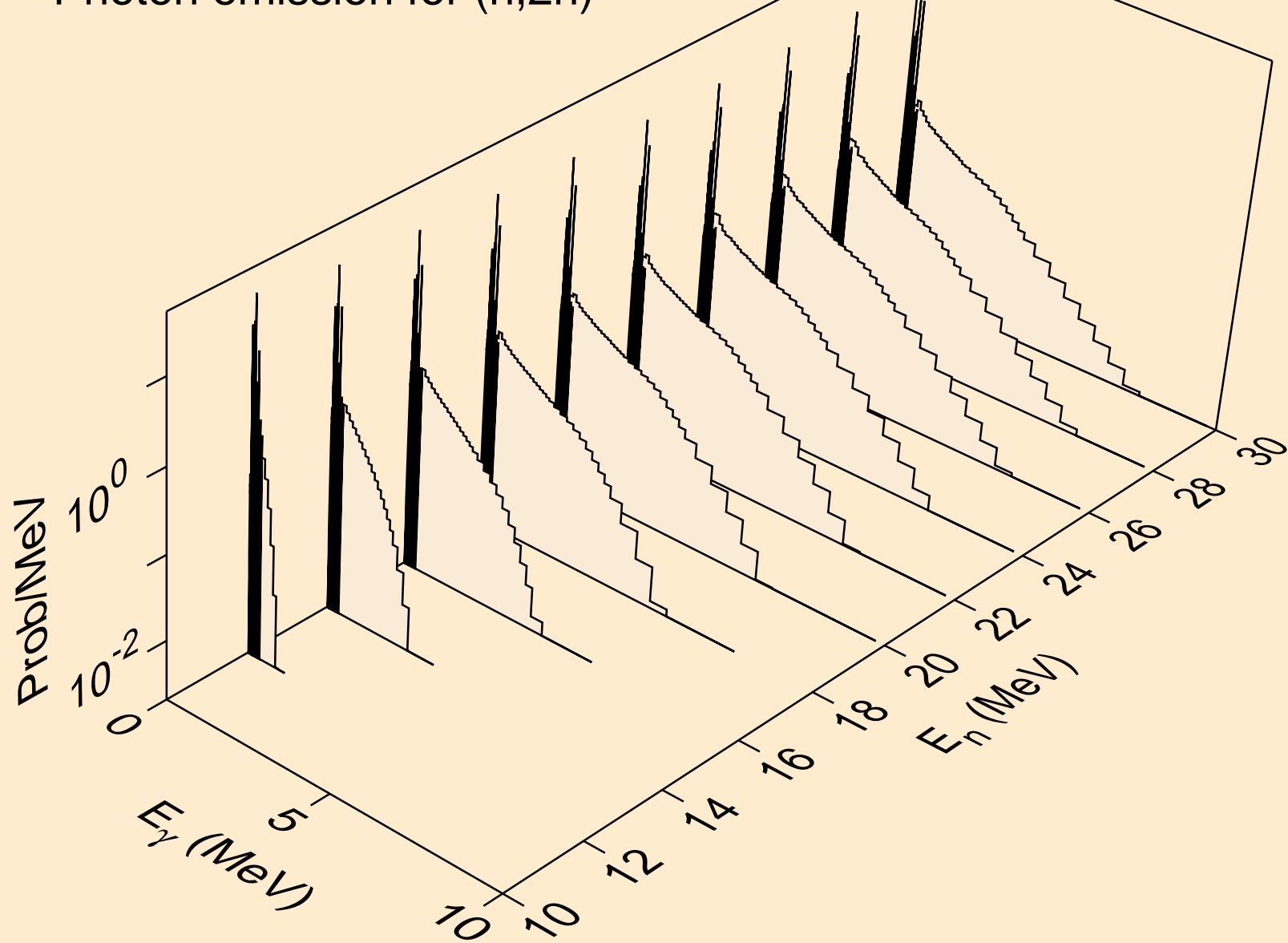




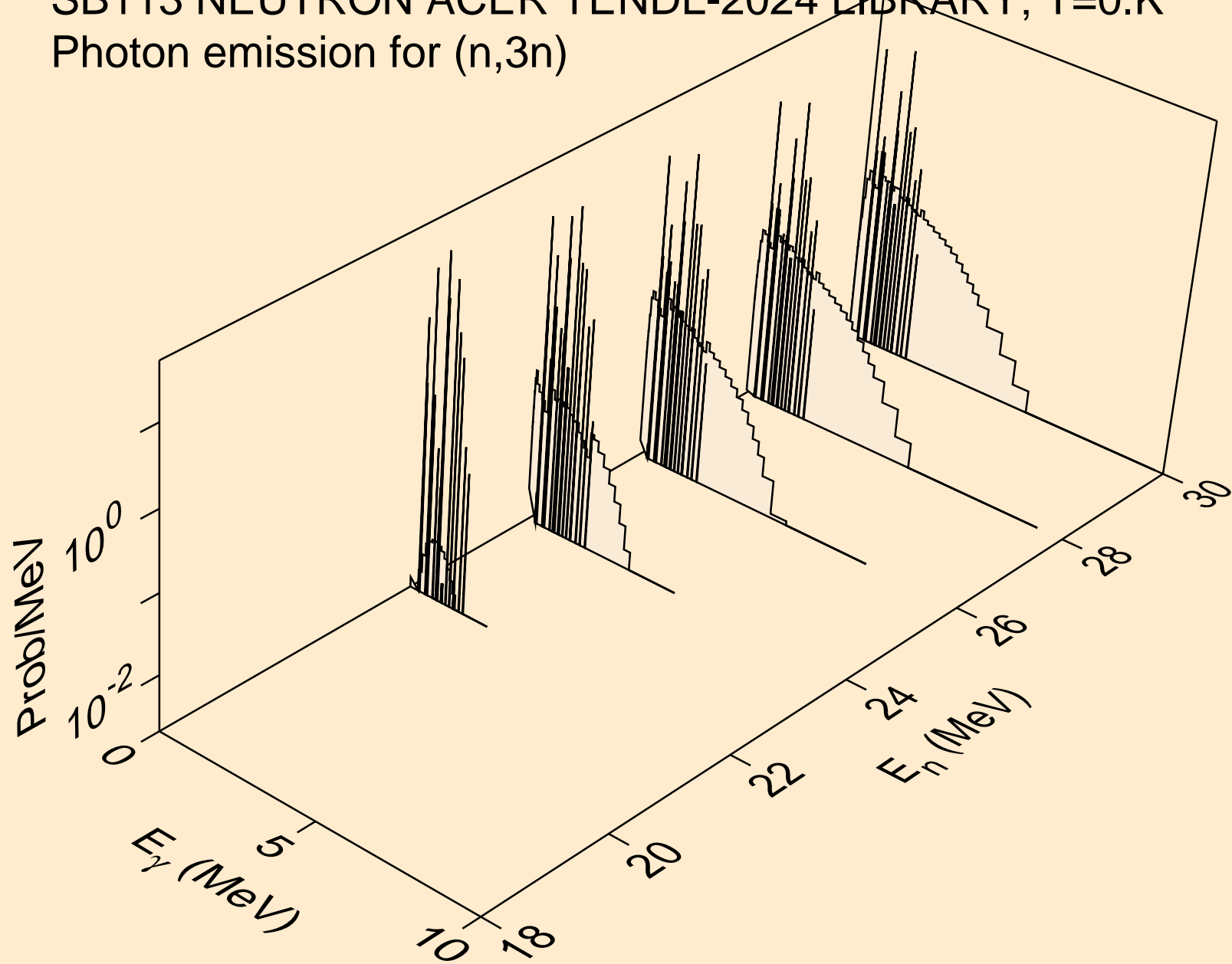
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



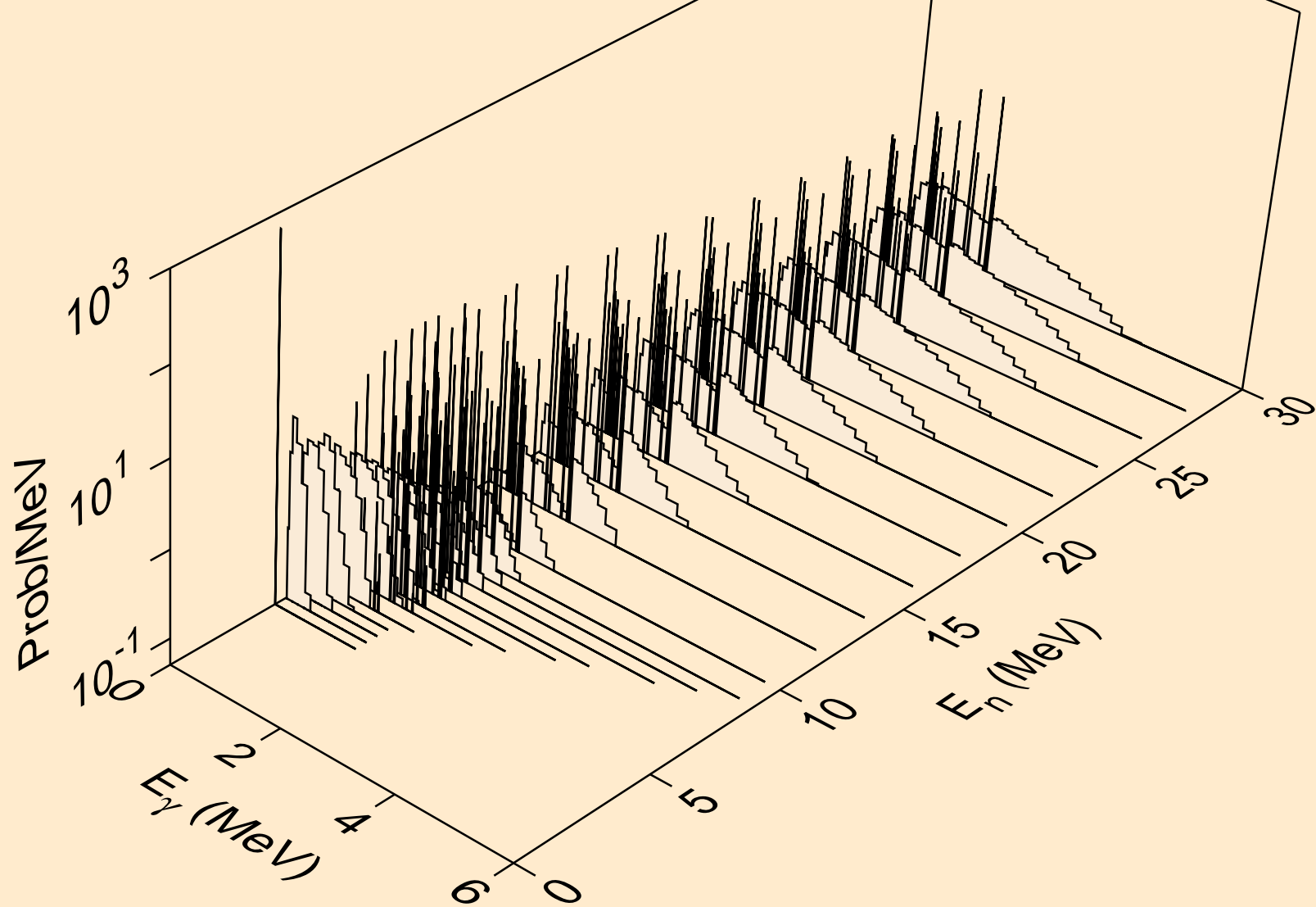
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



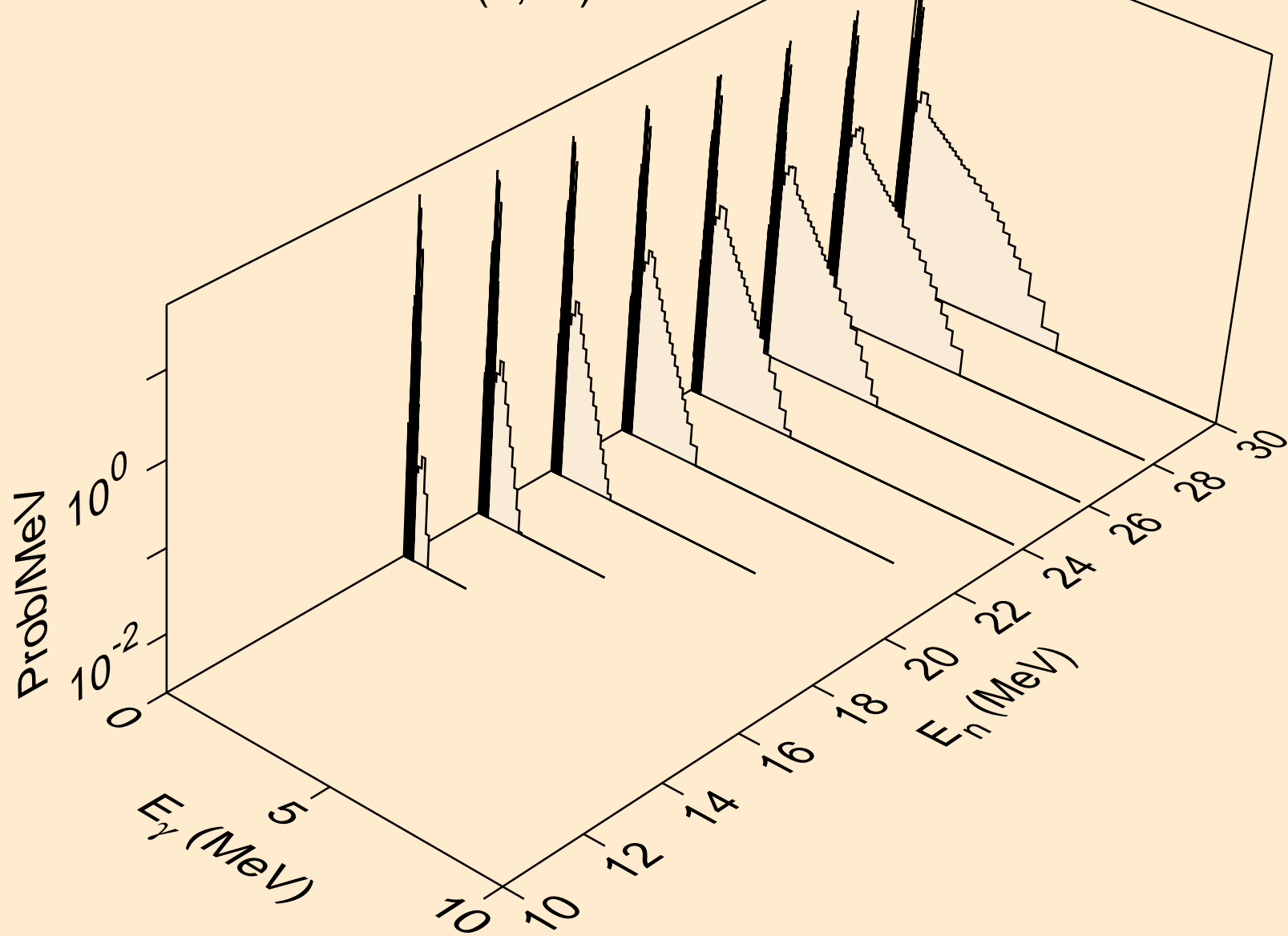
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



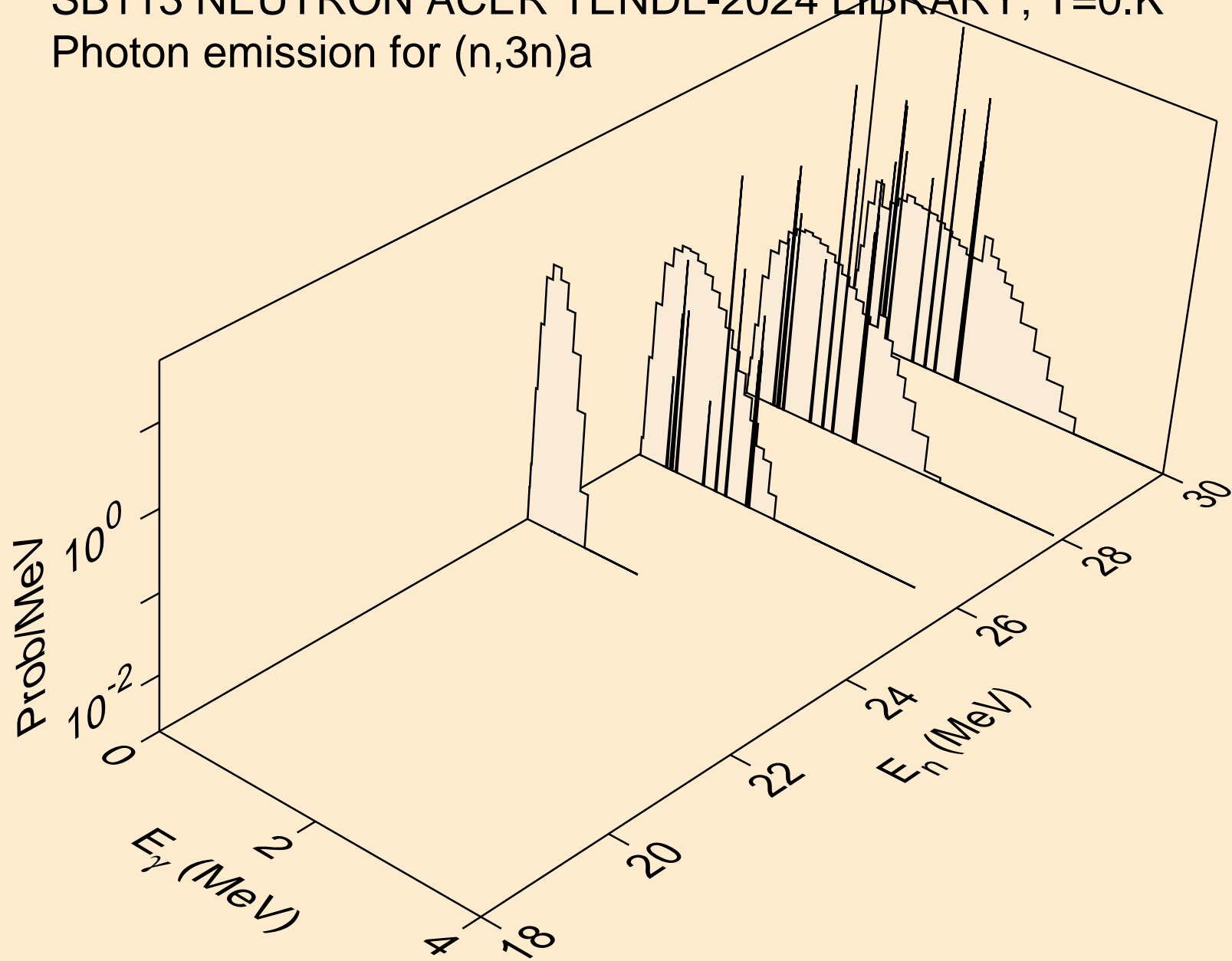
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



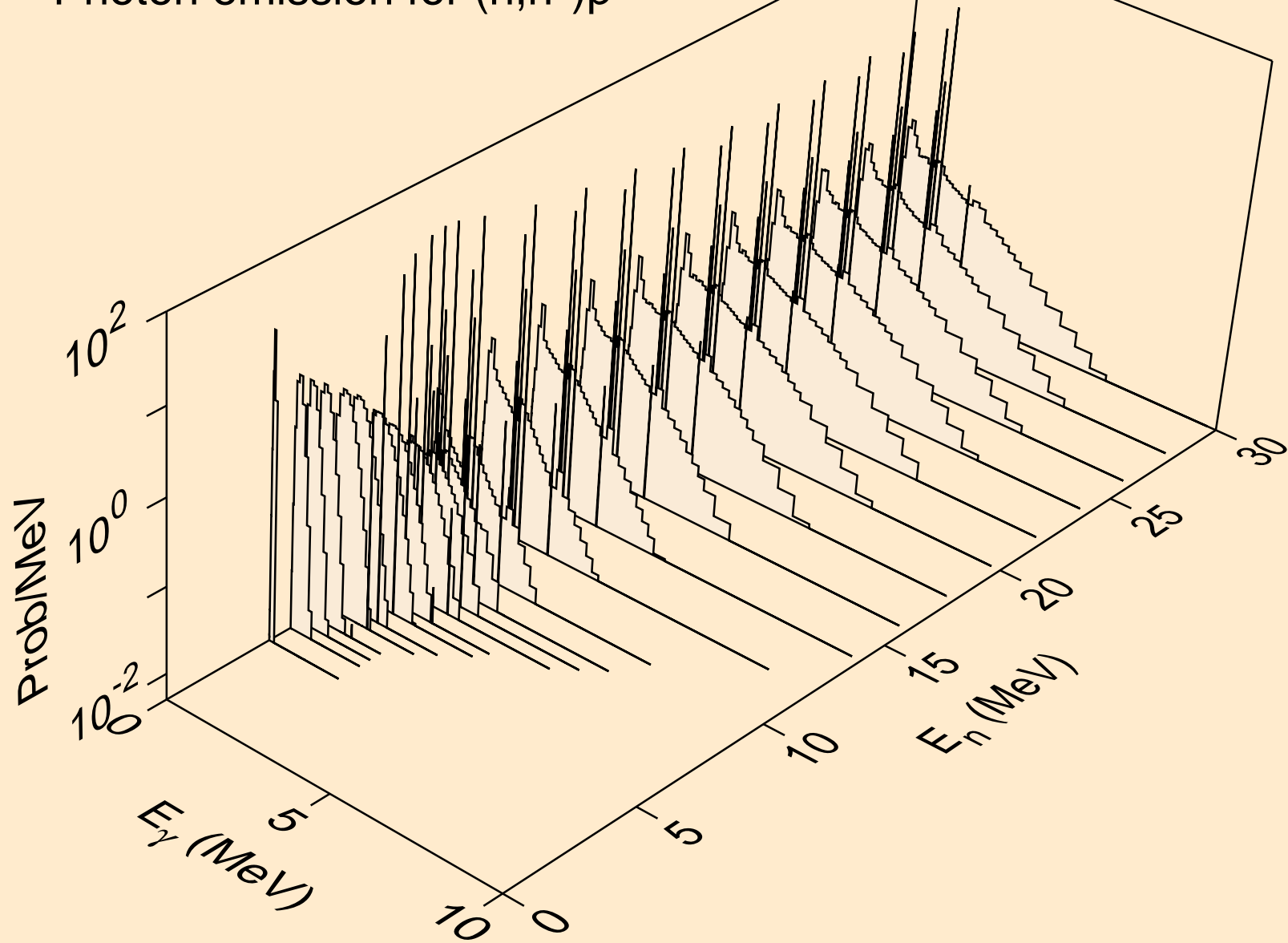
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



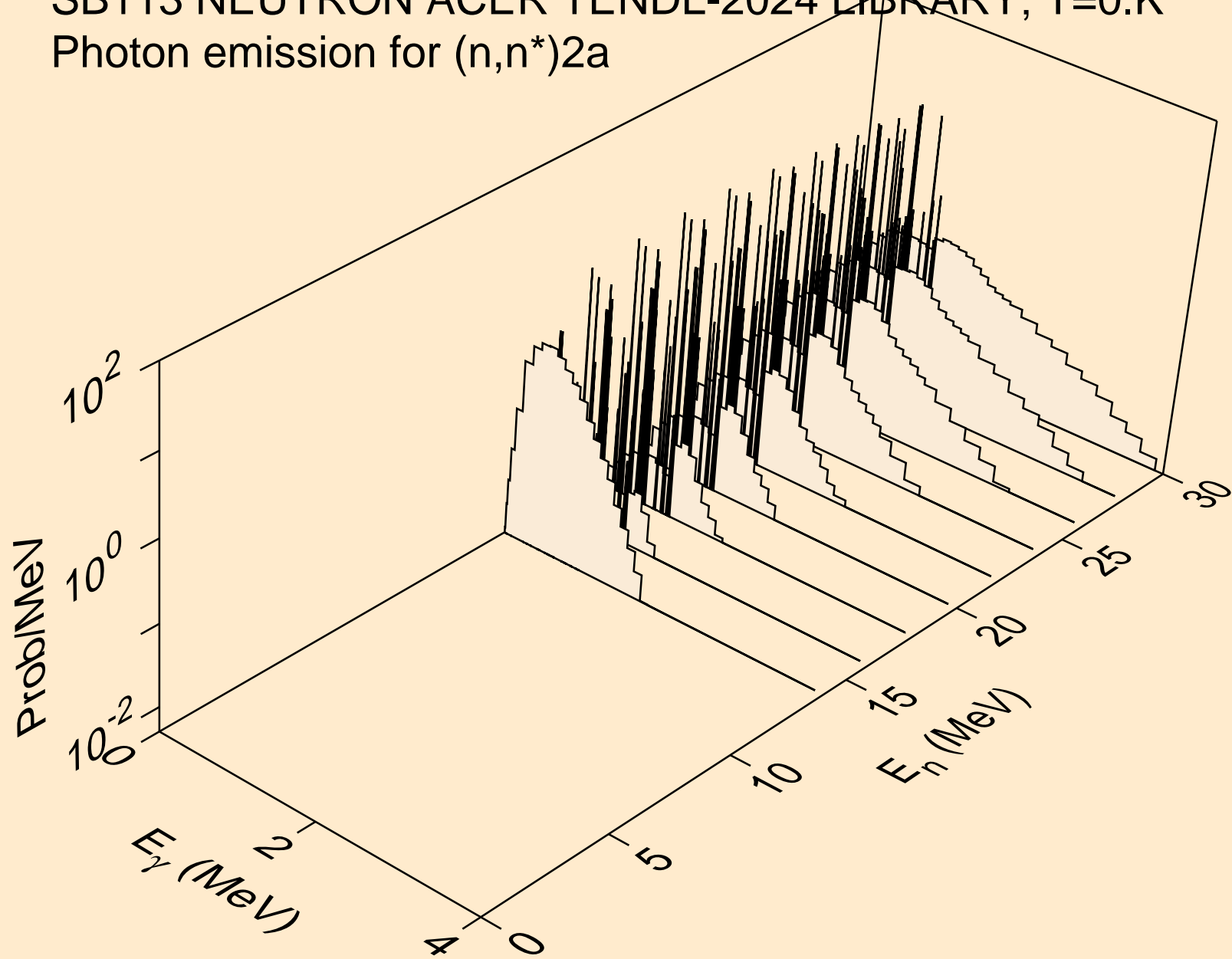
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

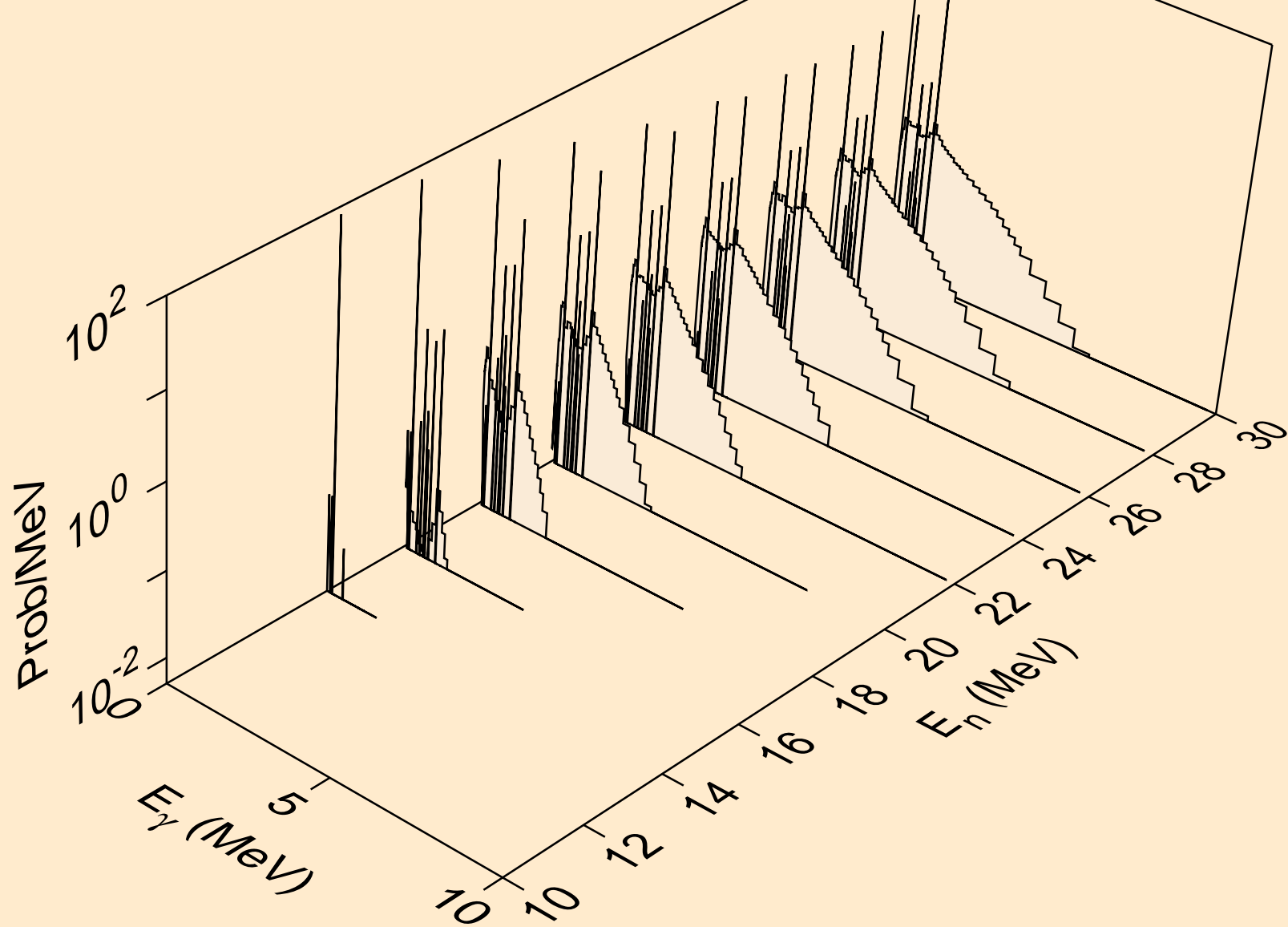


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

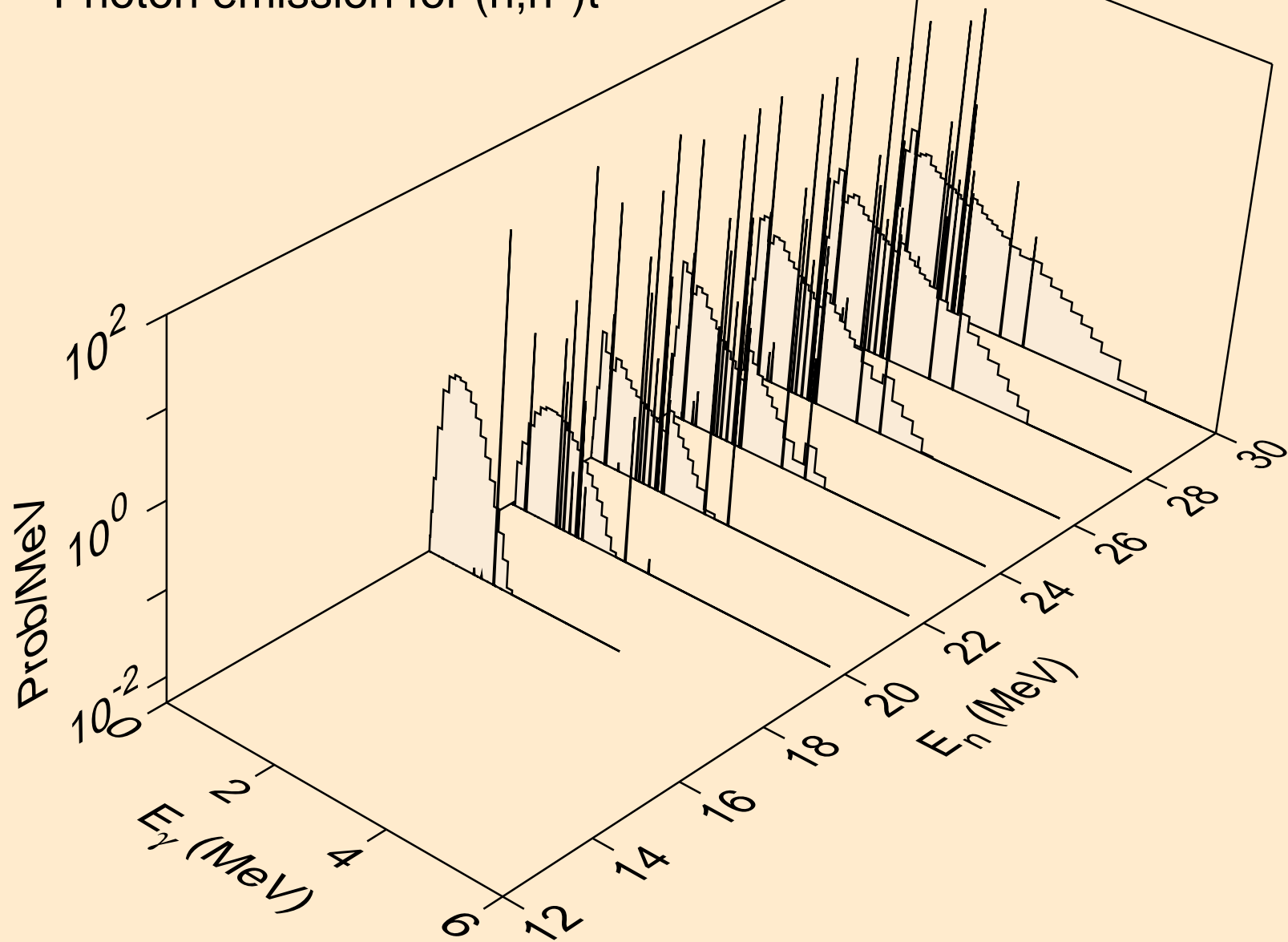




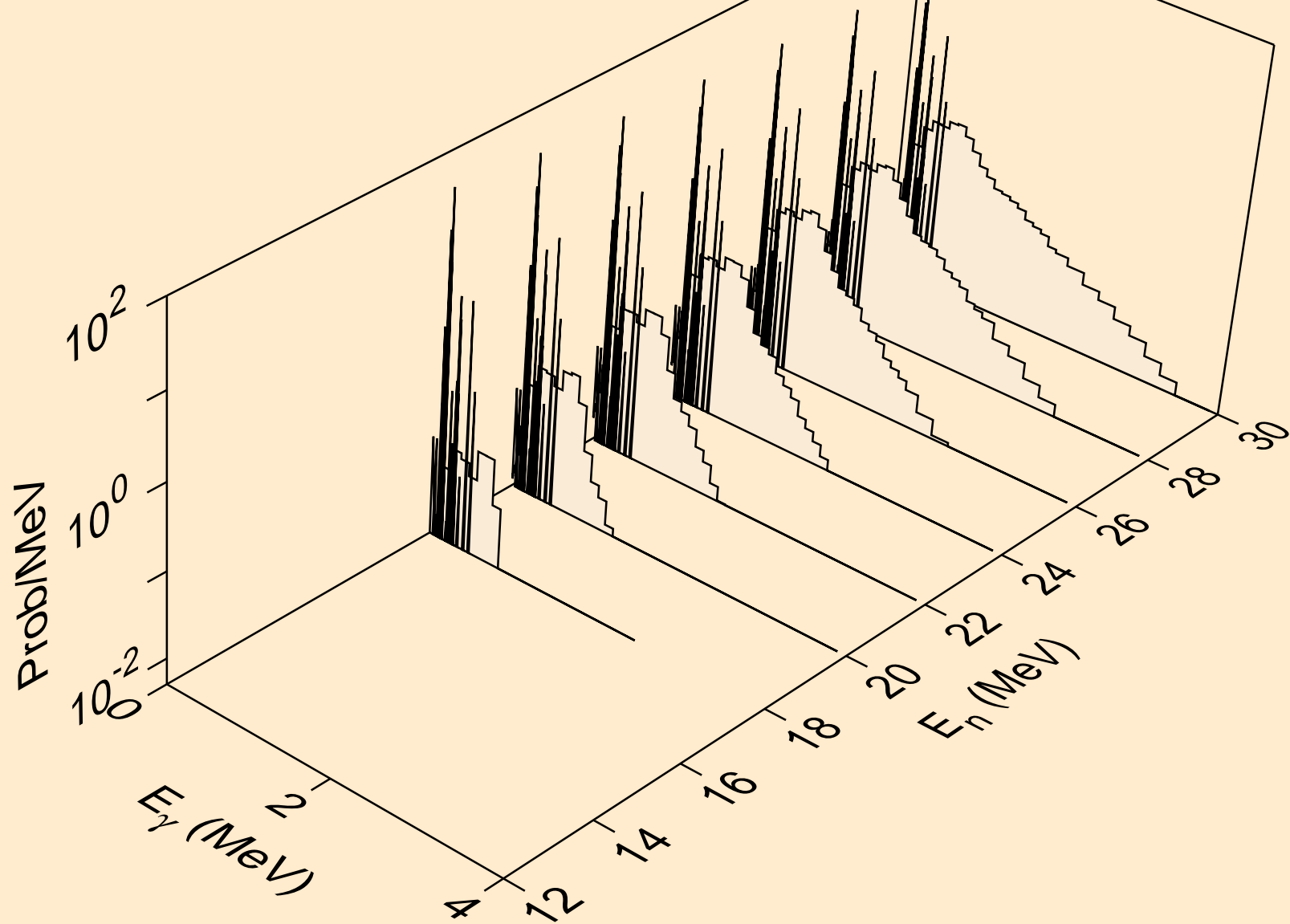
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



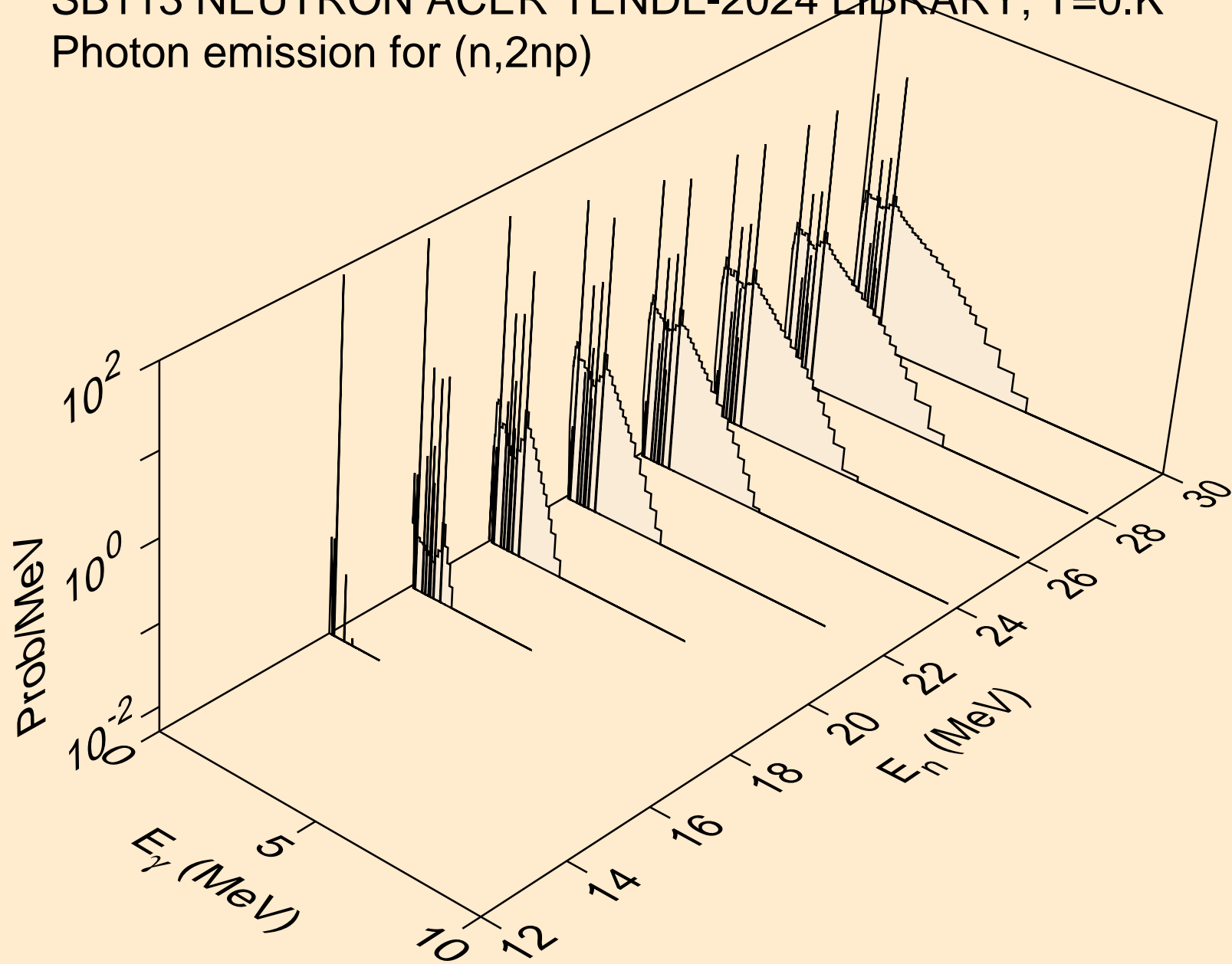
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



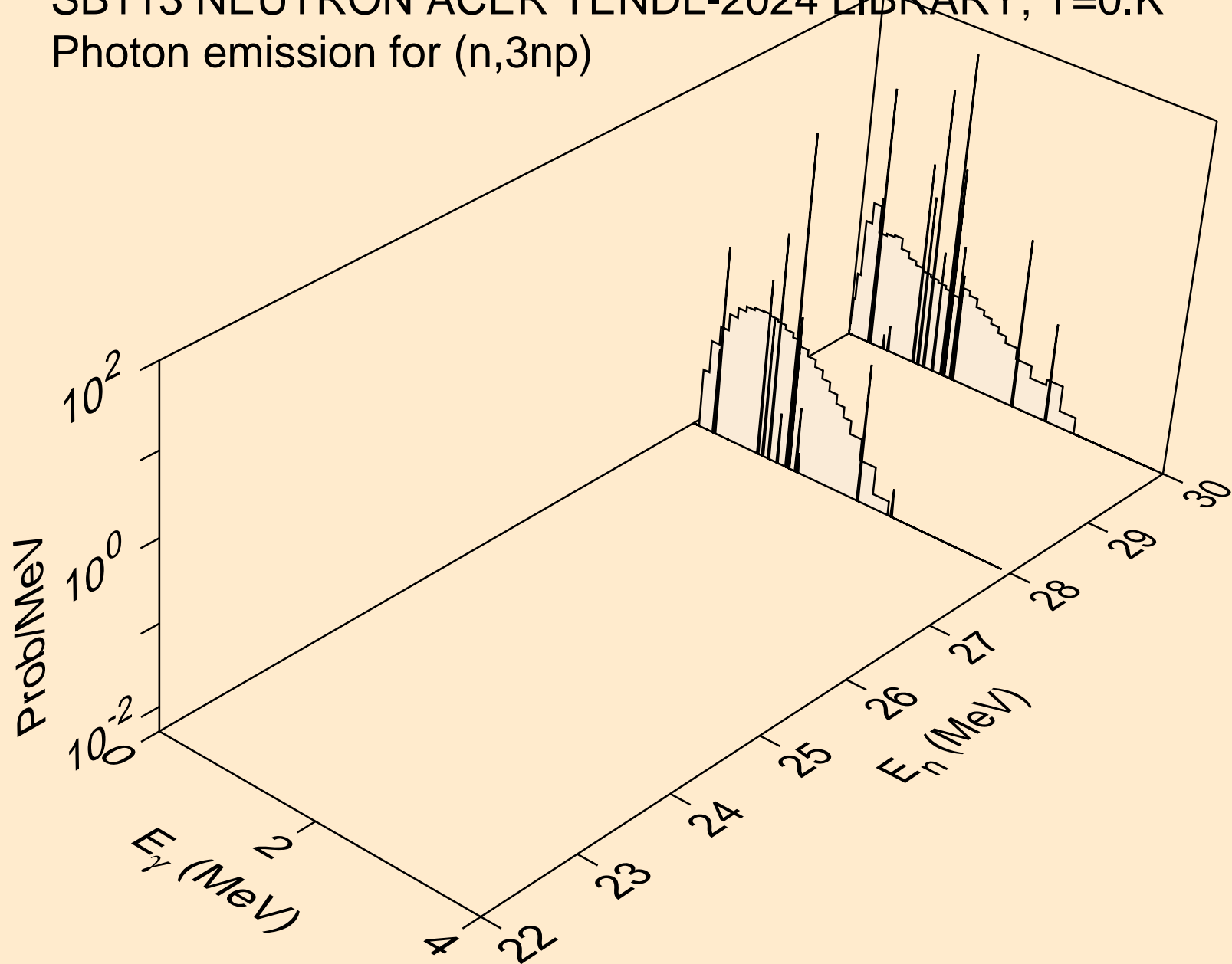
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



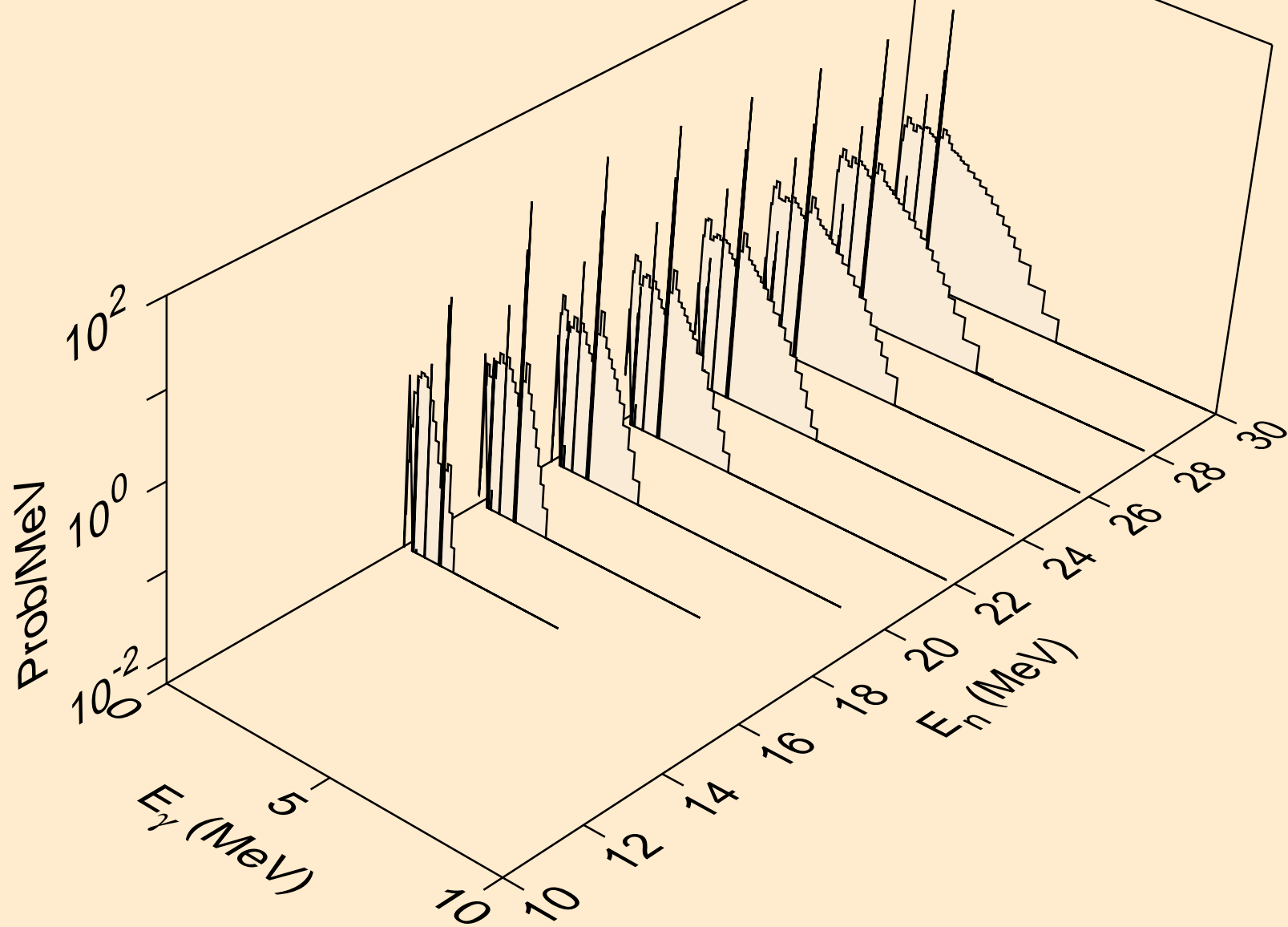
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



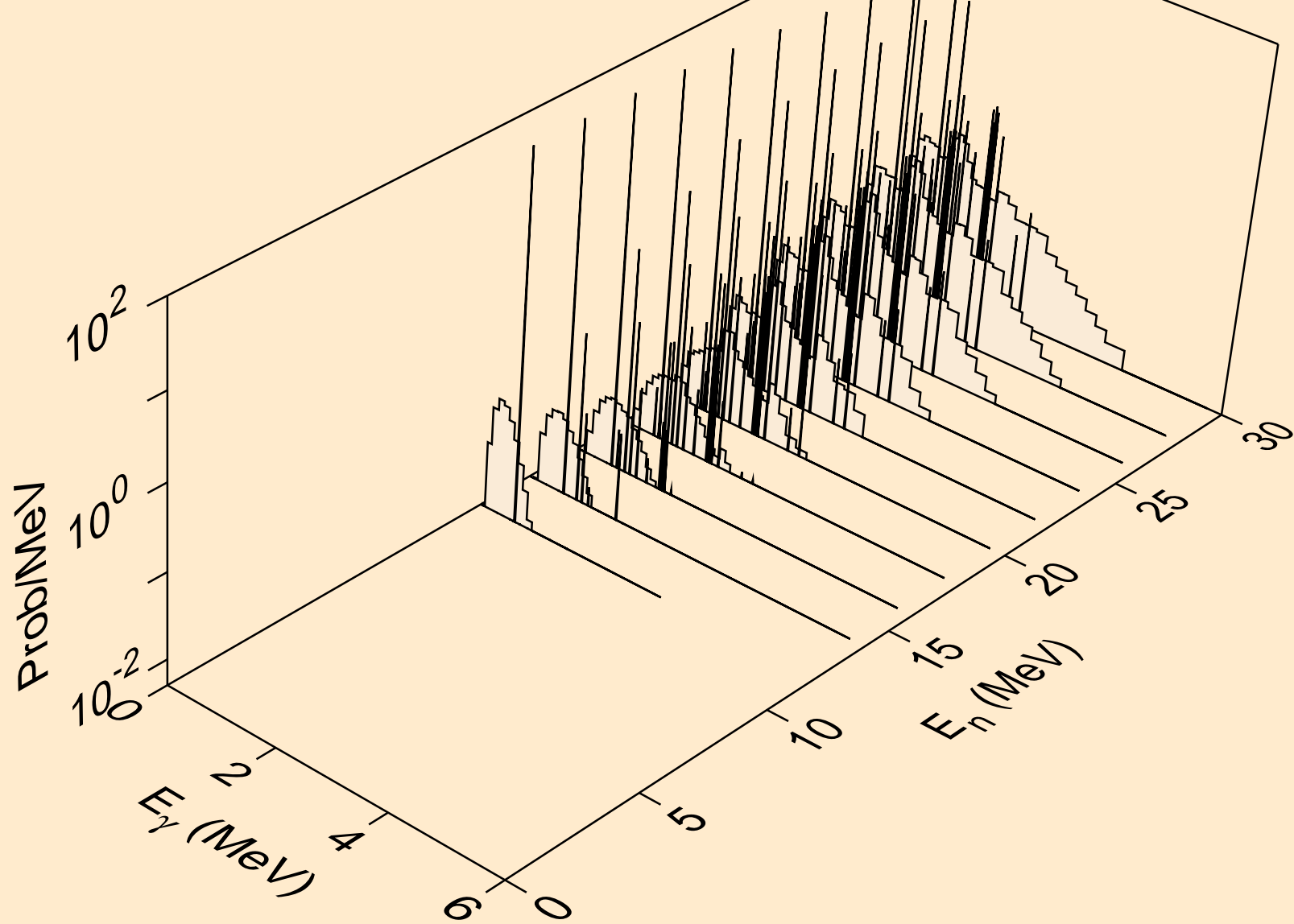
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Photon emission for (n,3np)



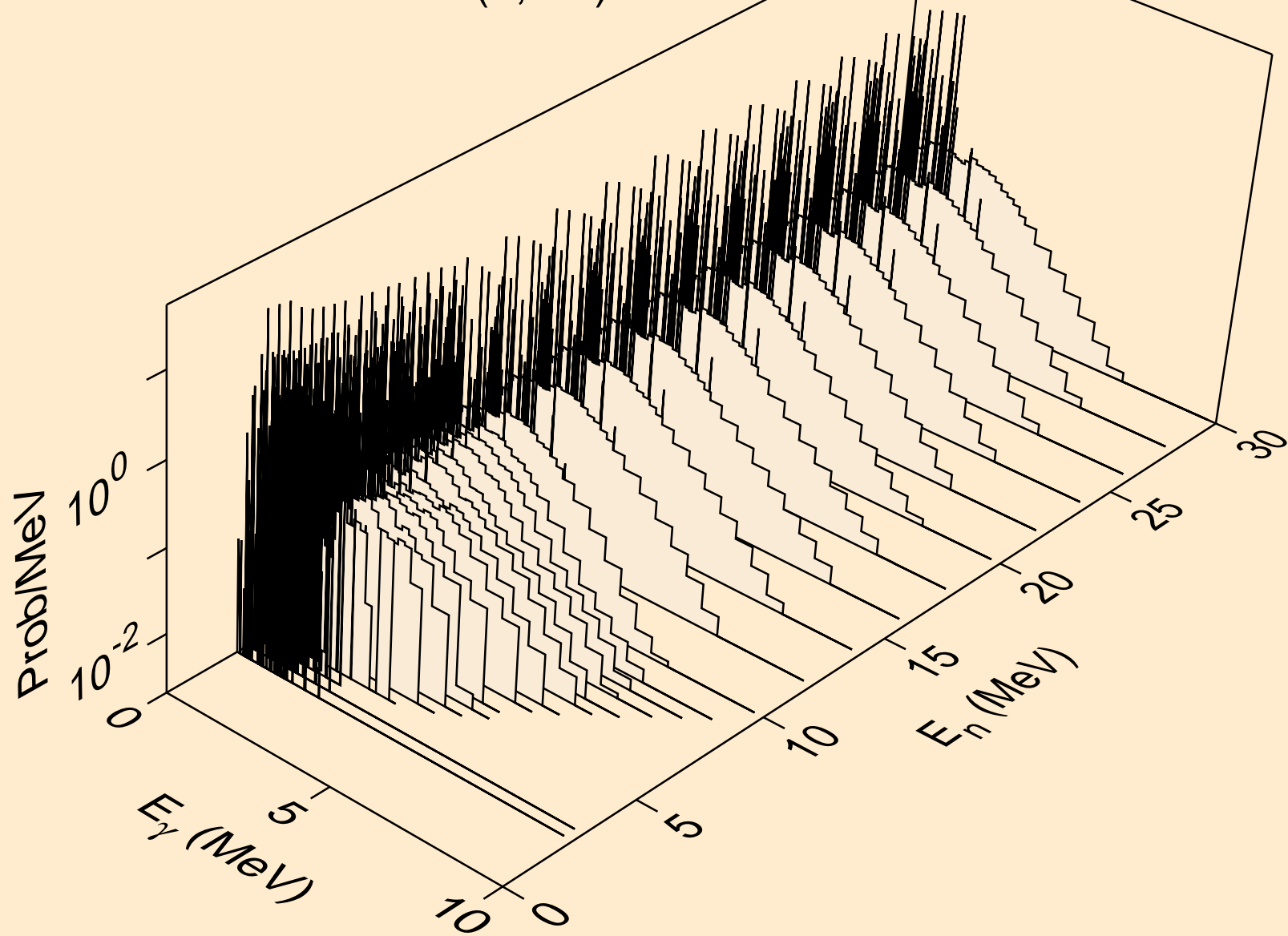
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

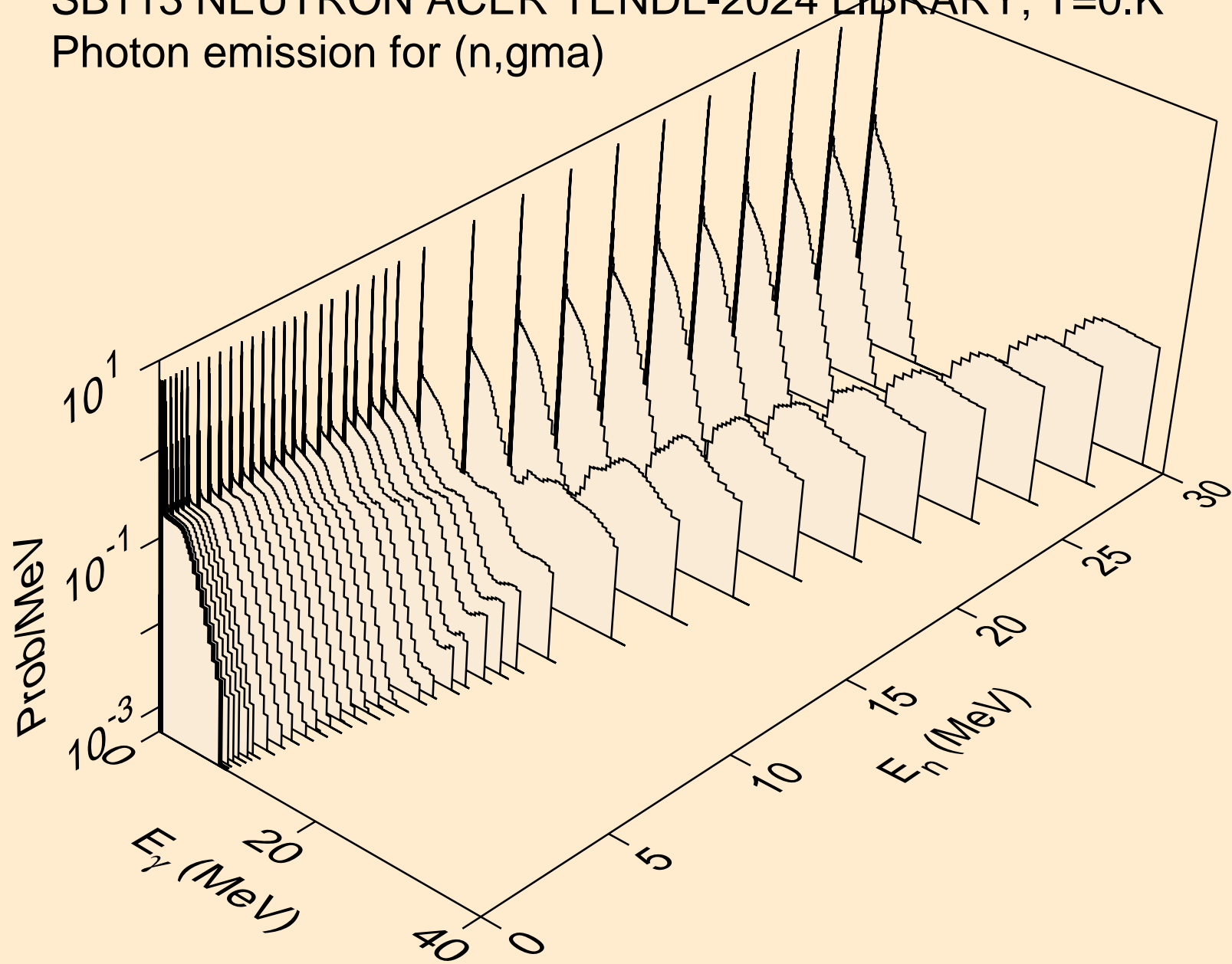


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

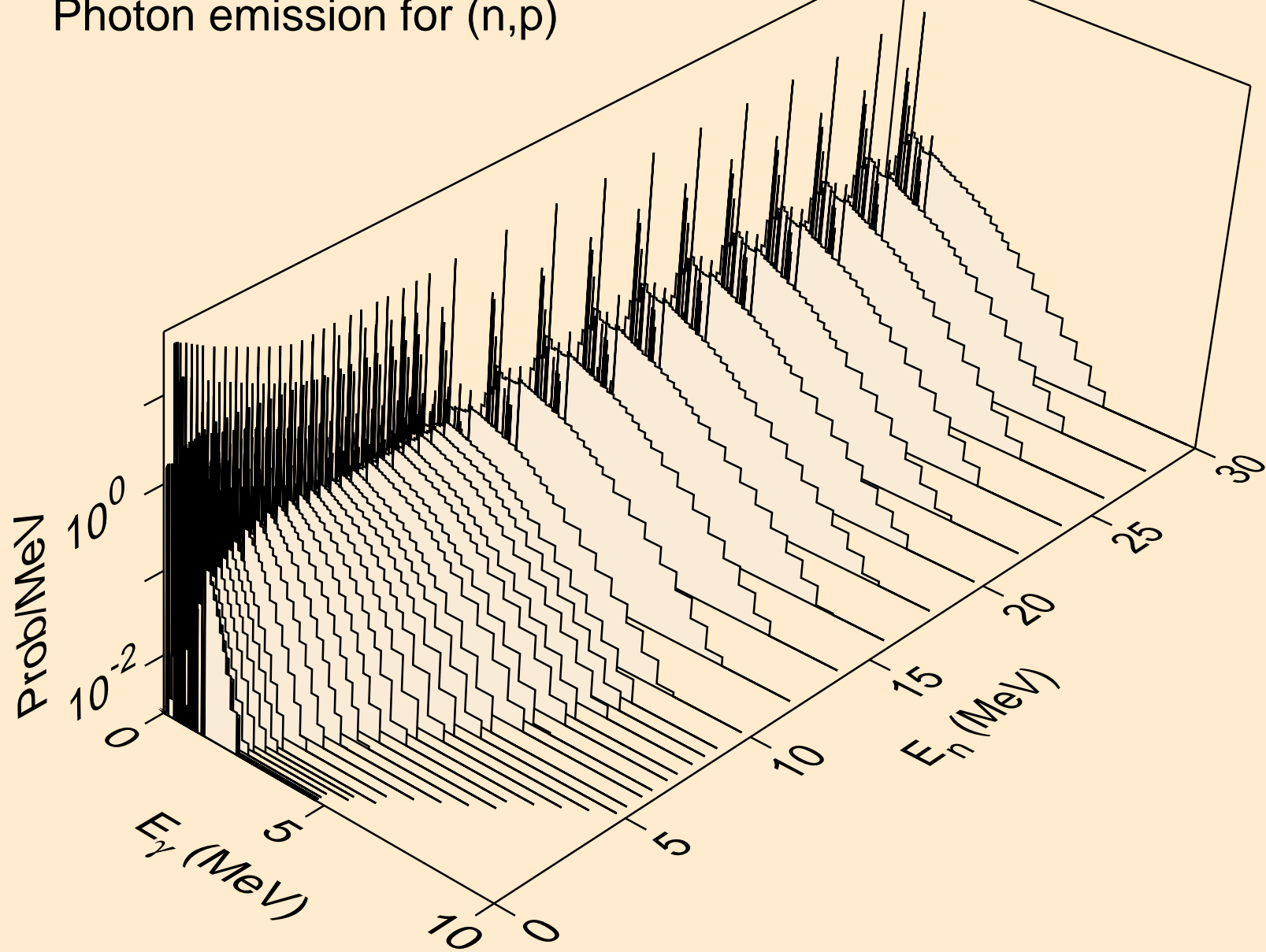




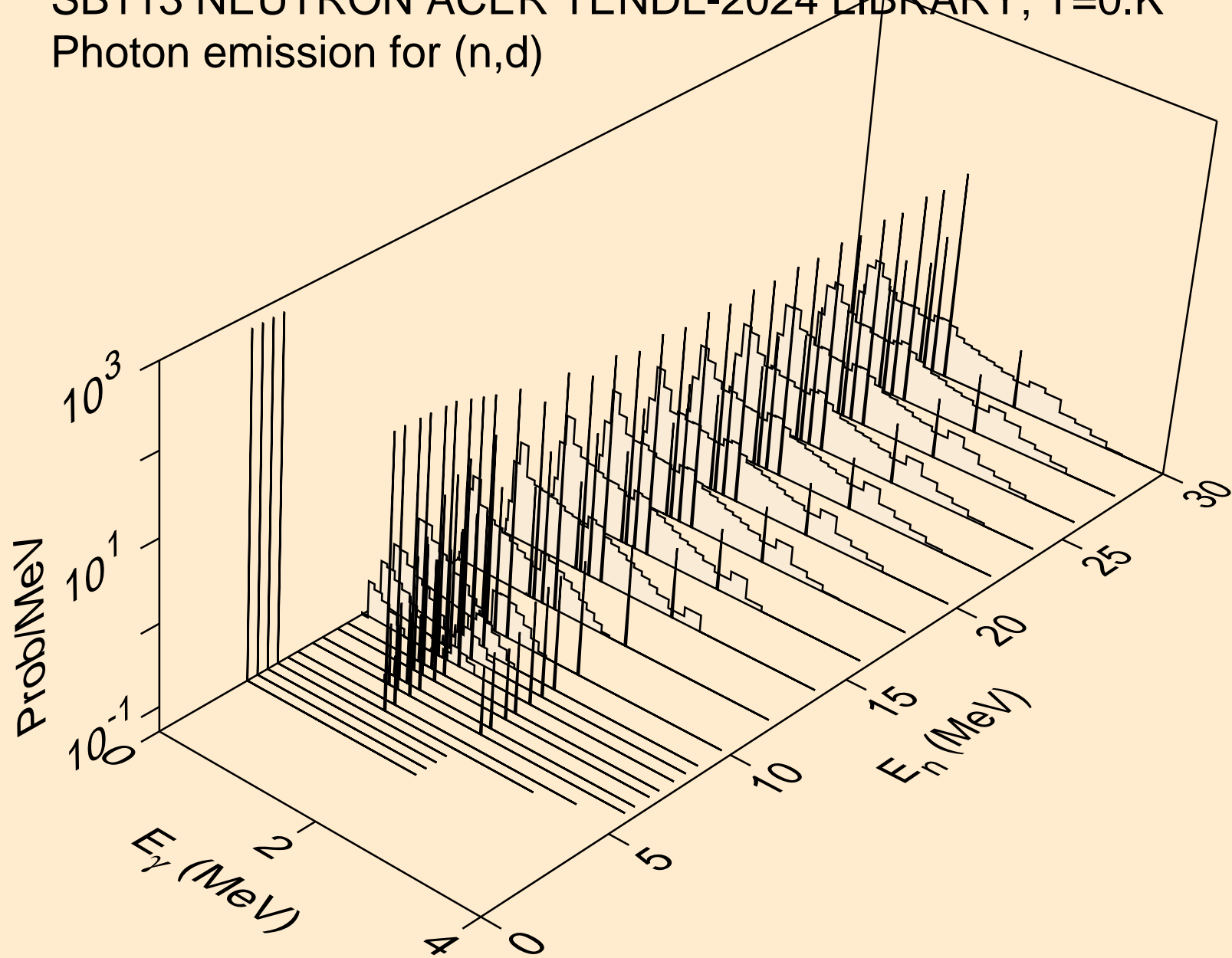
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



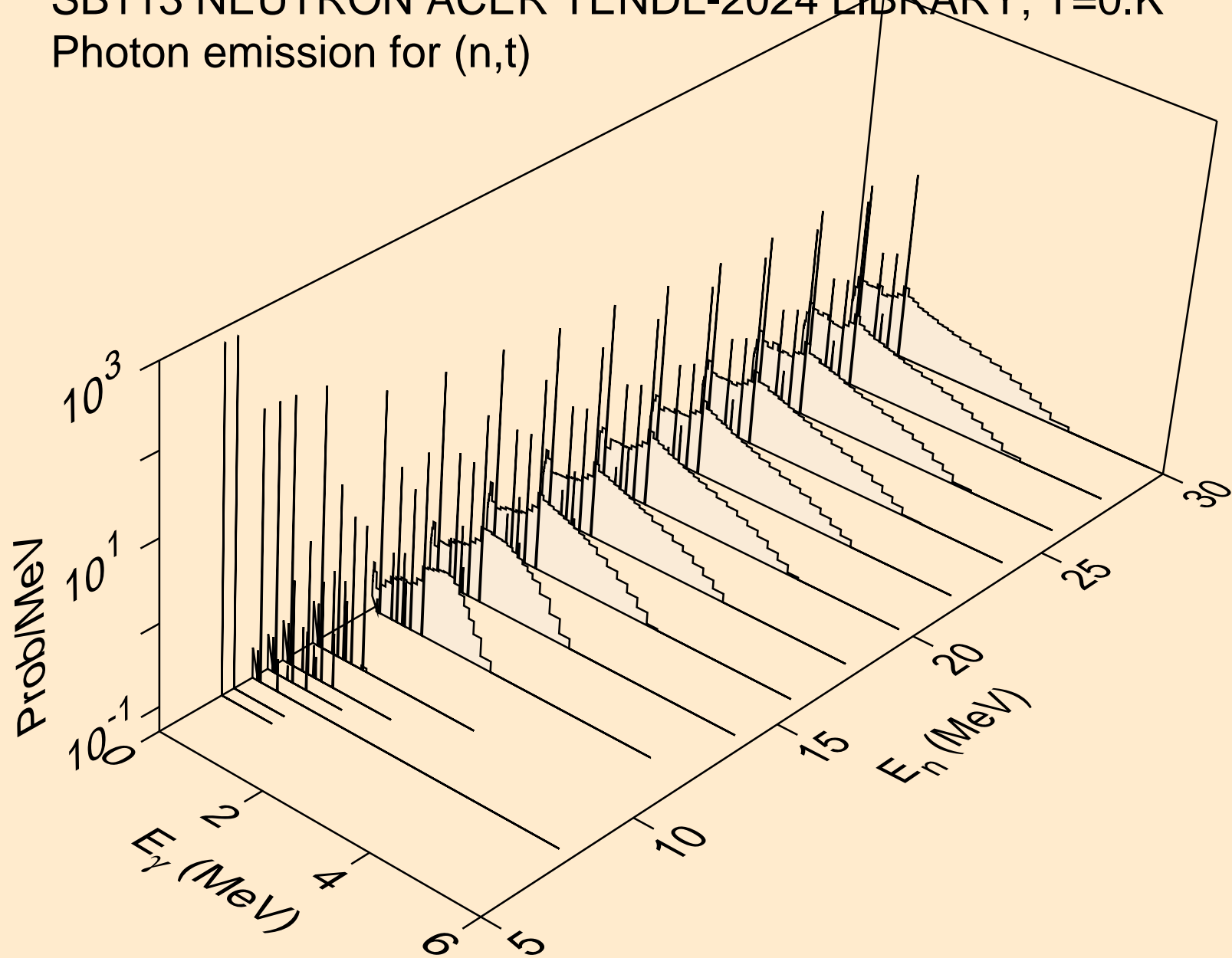
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



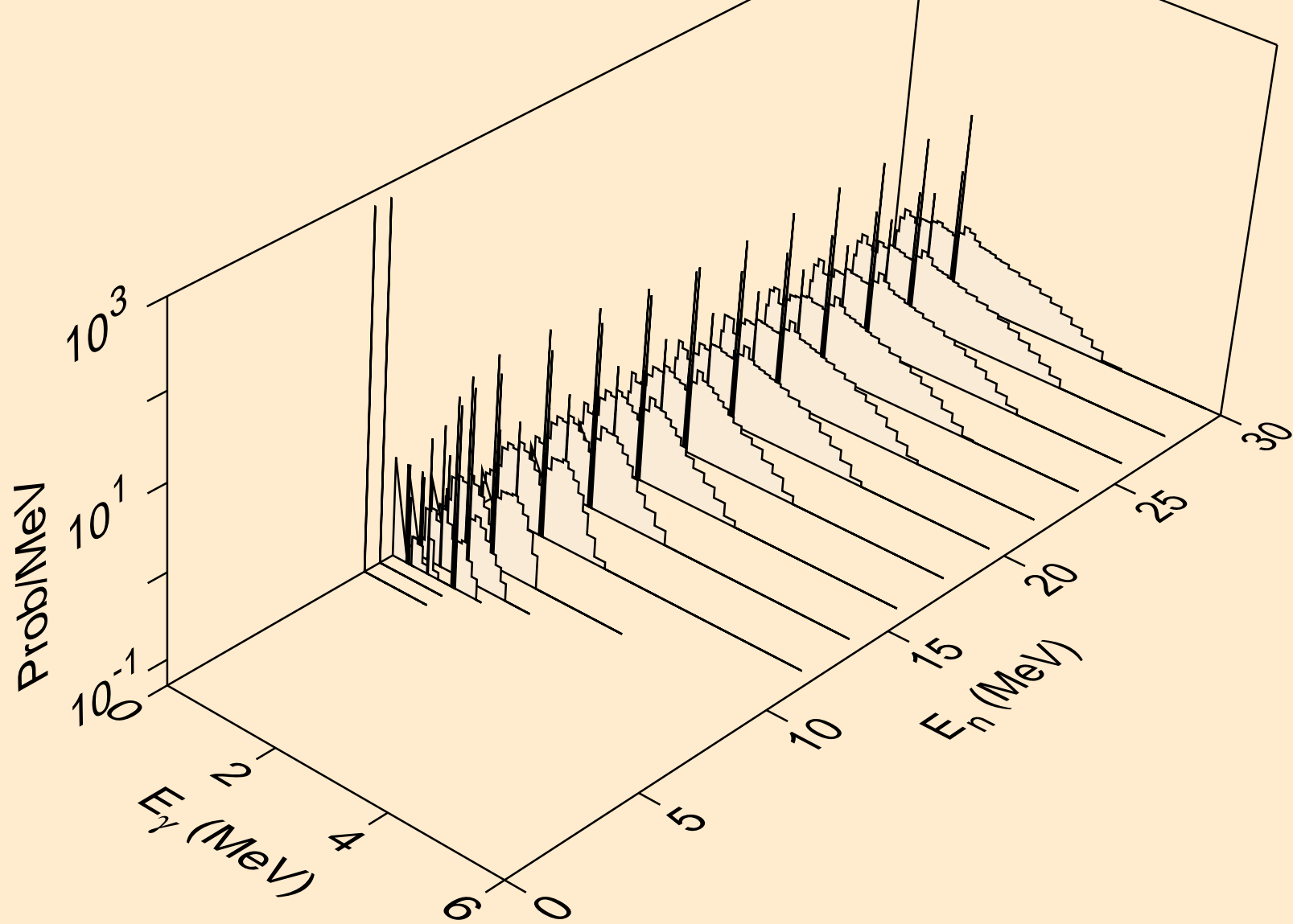
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



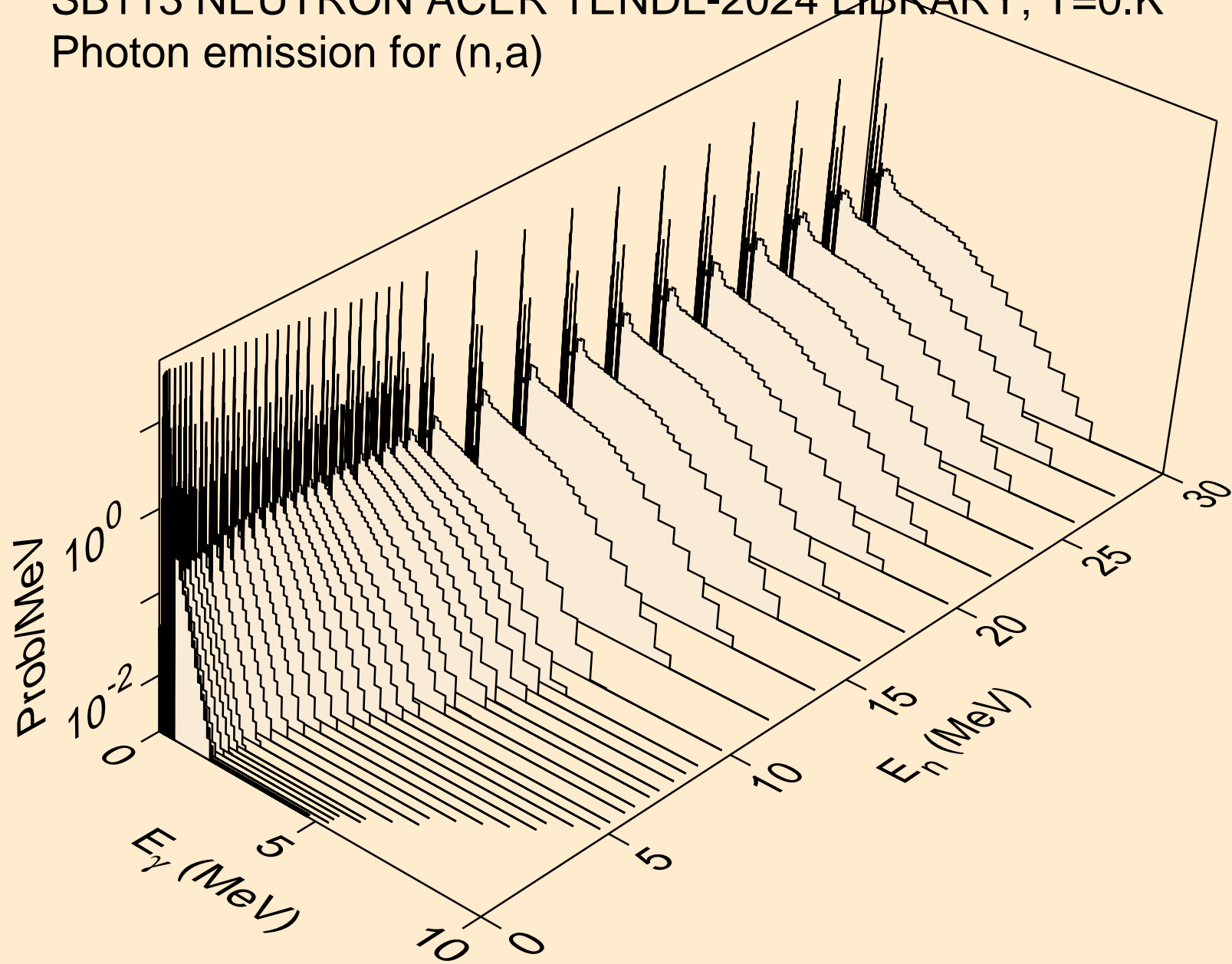
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



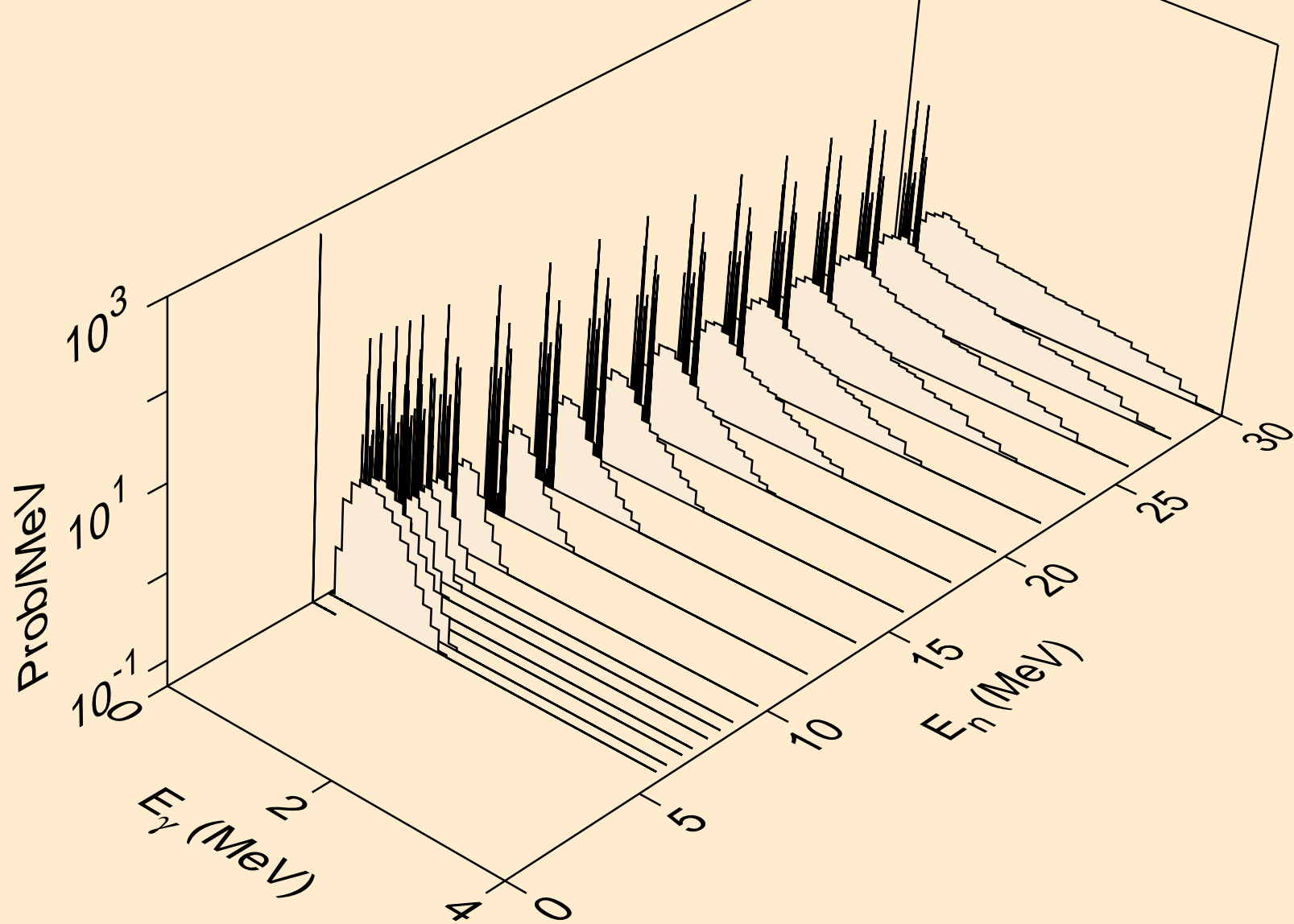
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



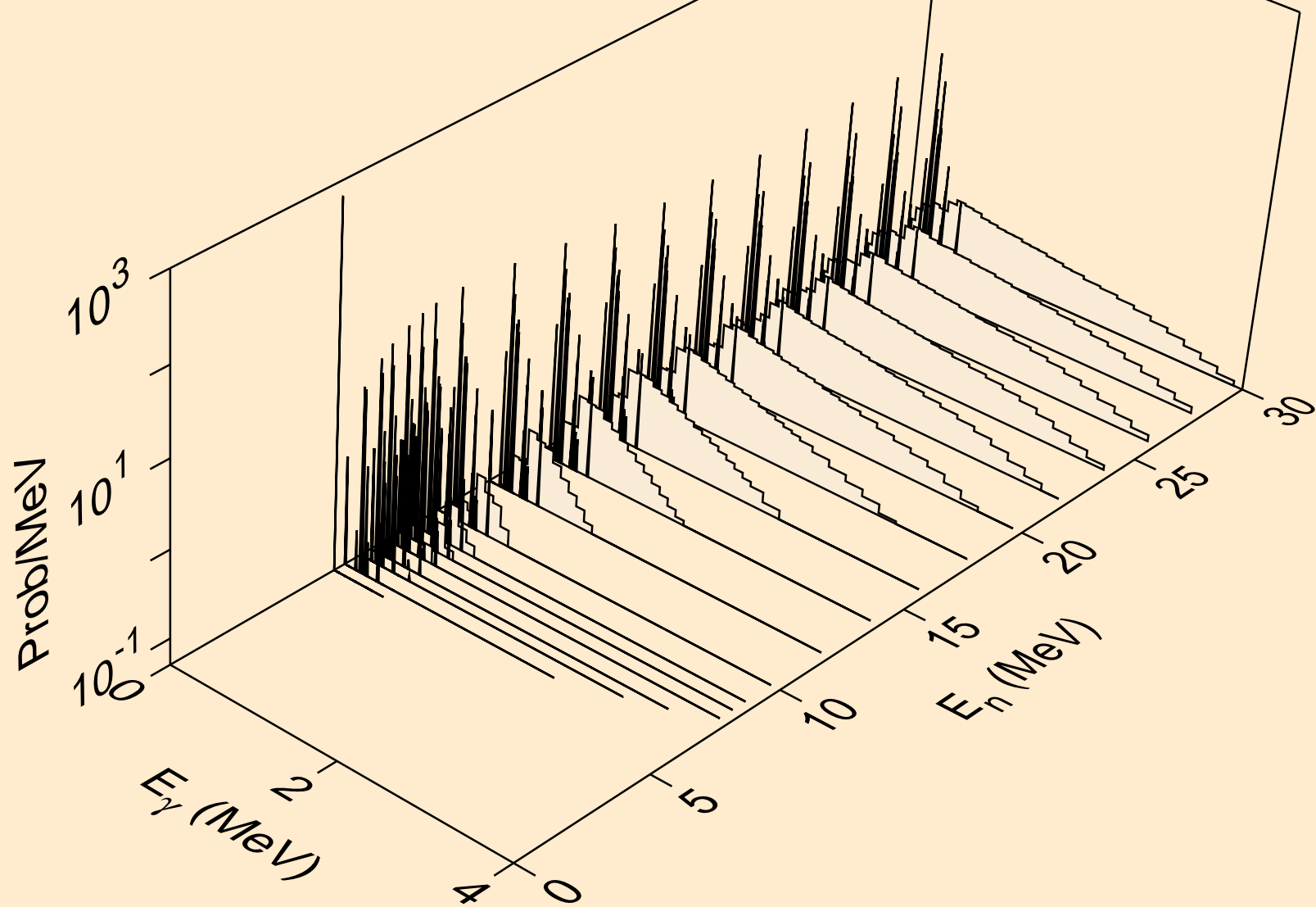
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

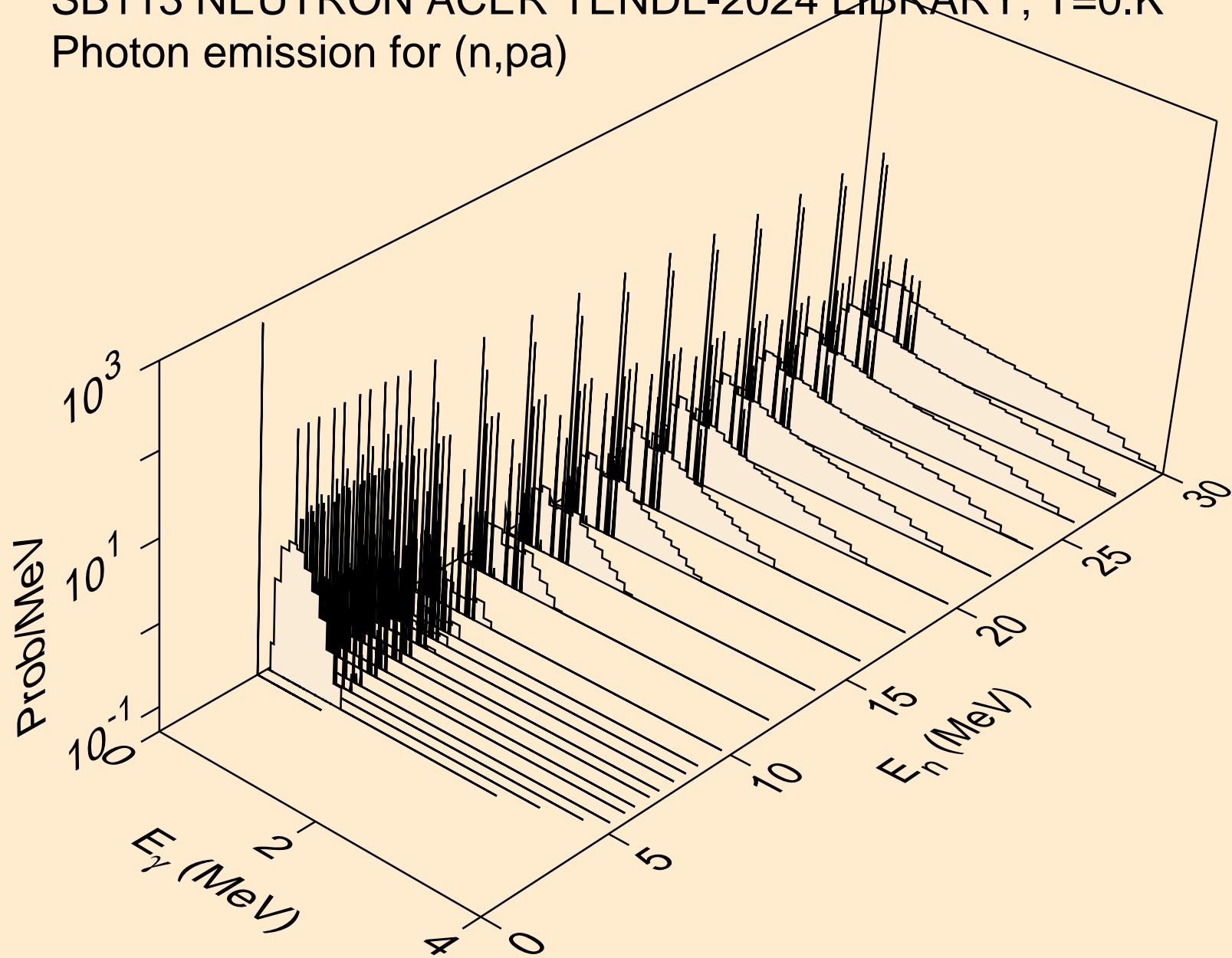


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

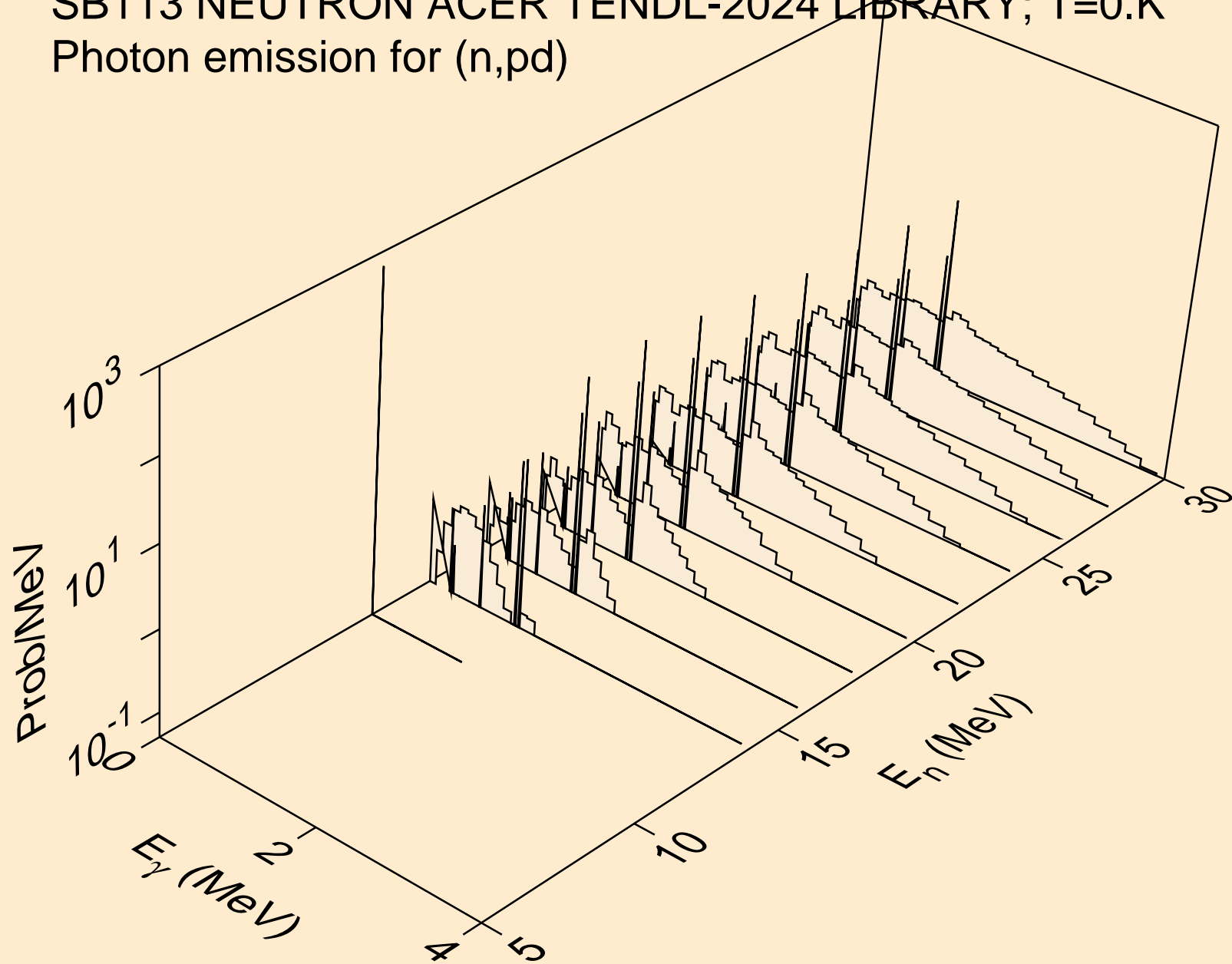




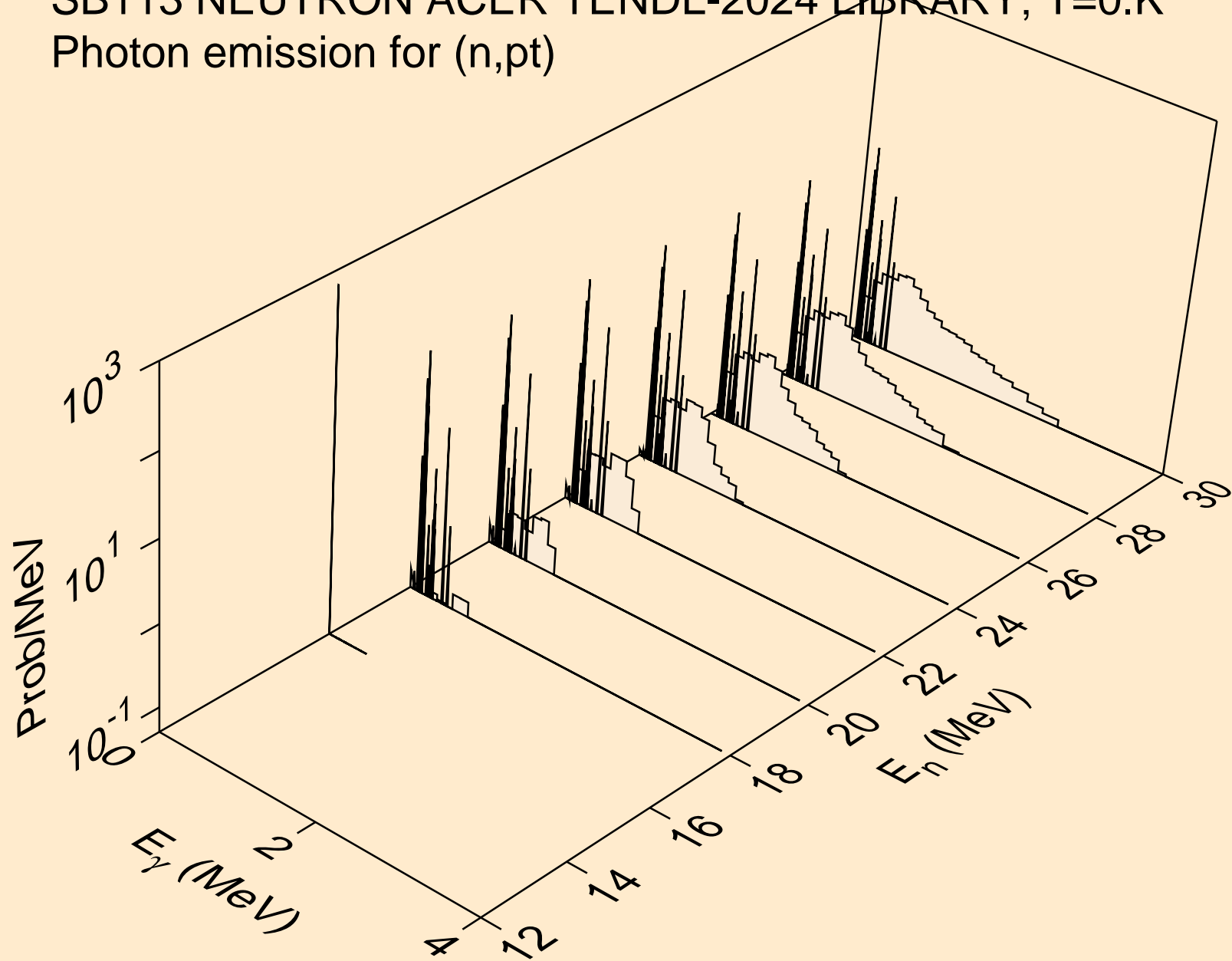
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Photon emission for (n,p)



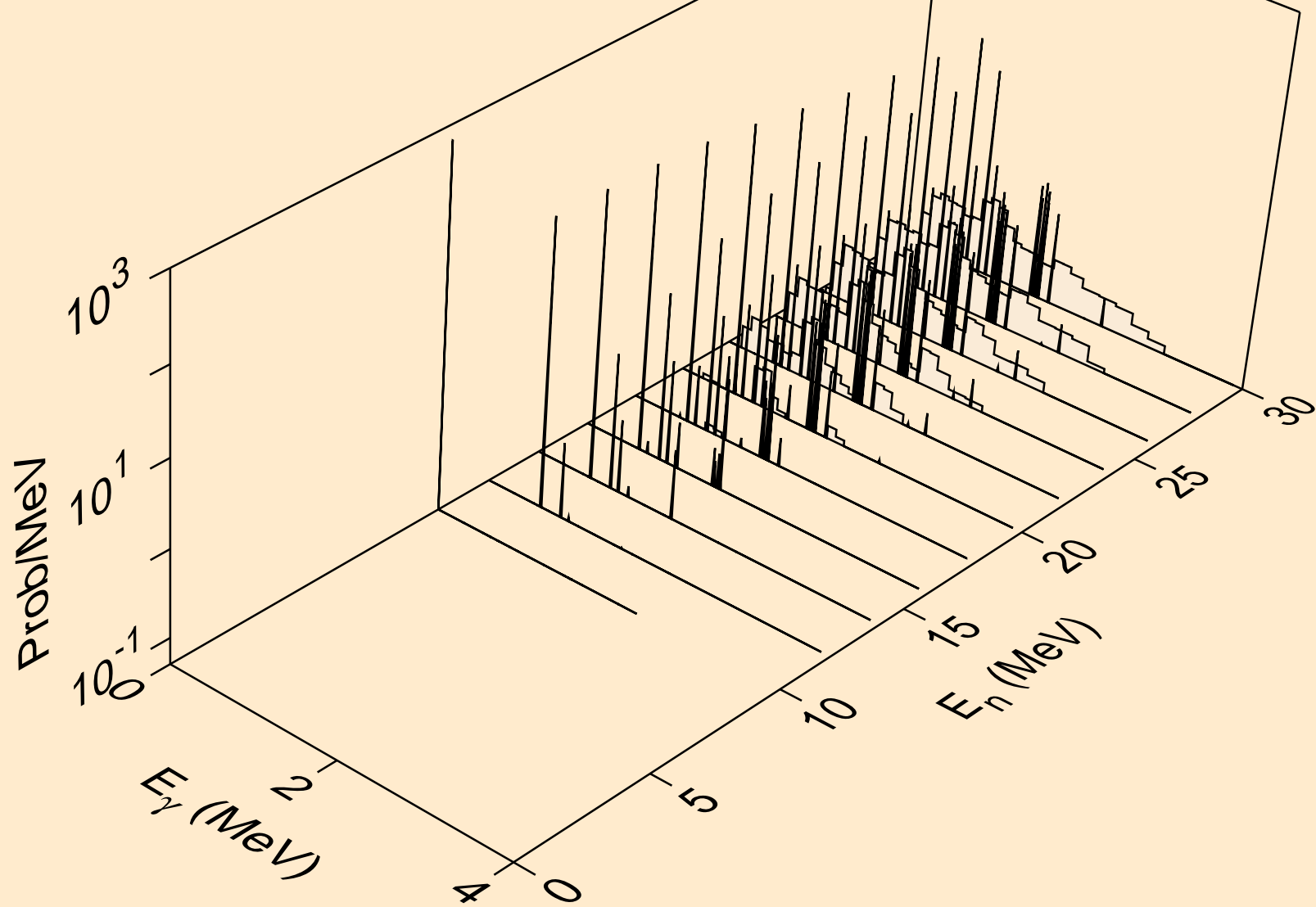
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



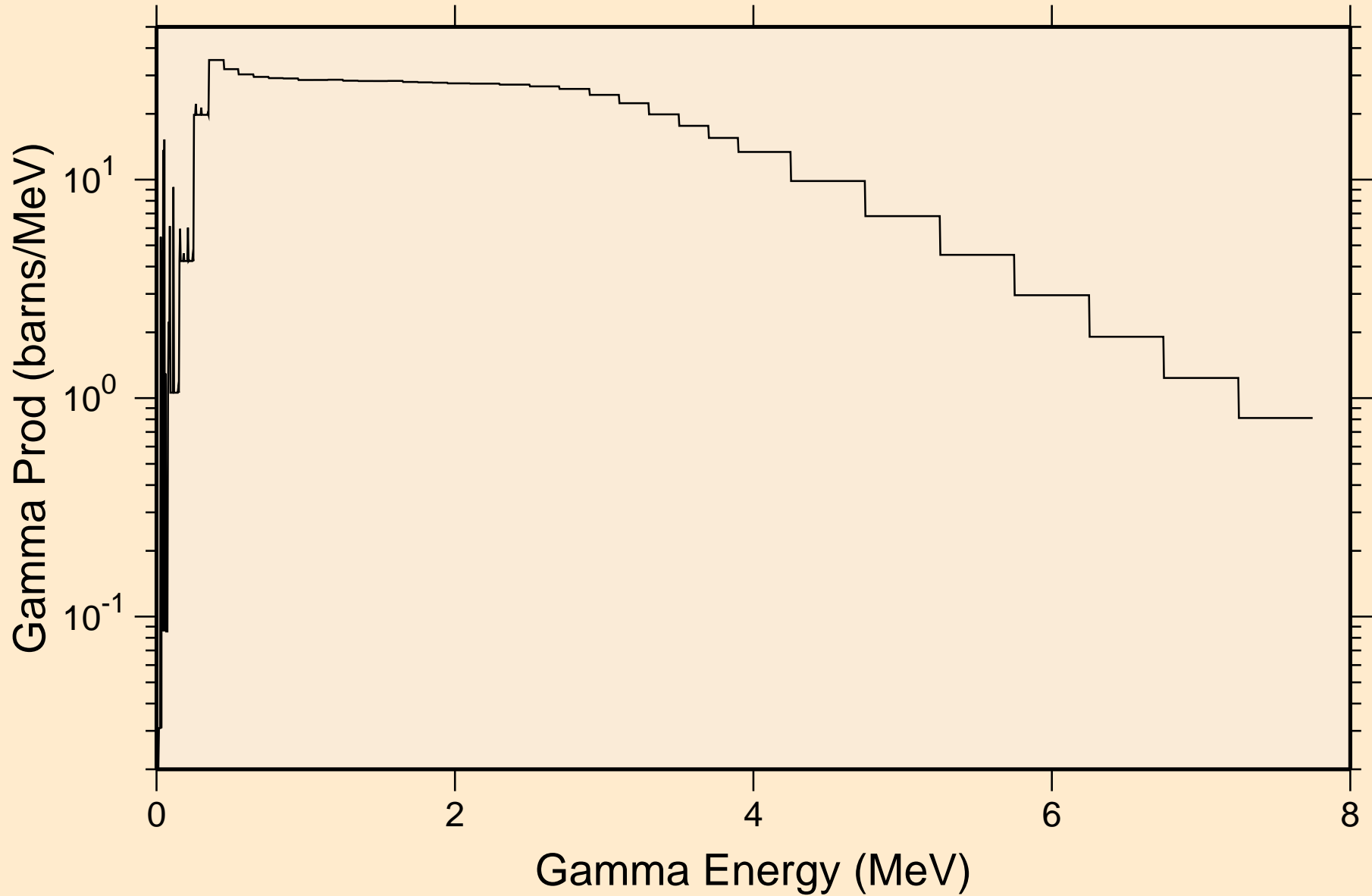
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



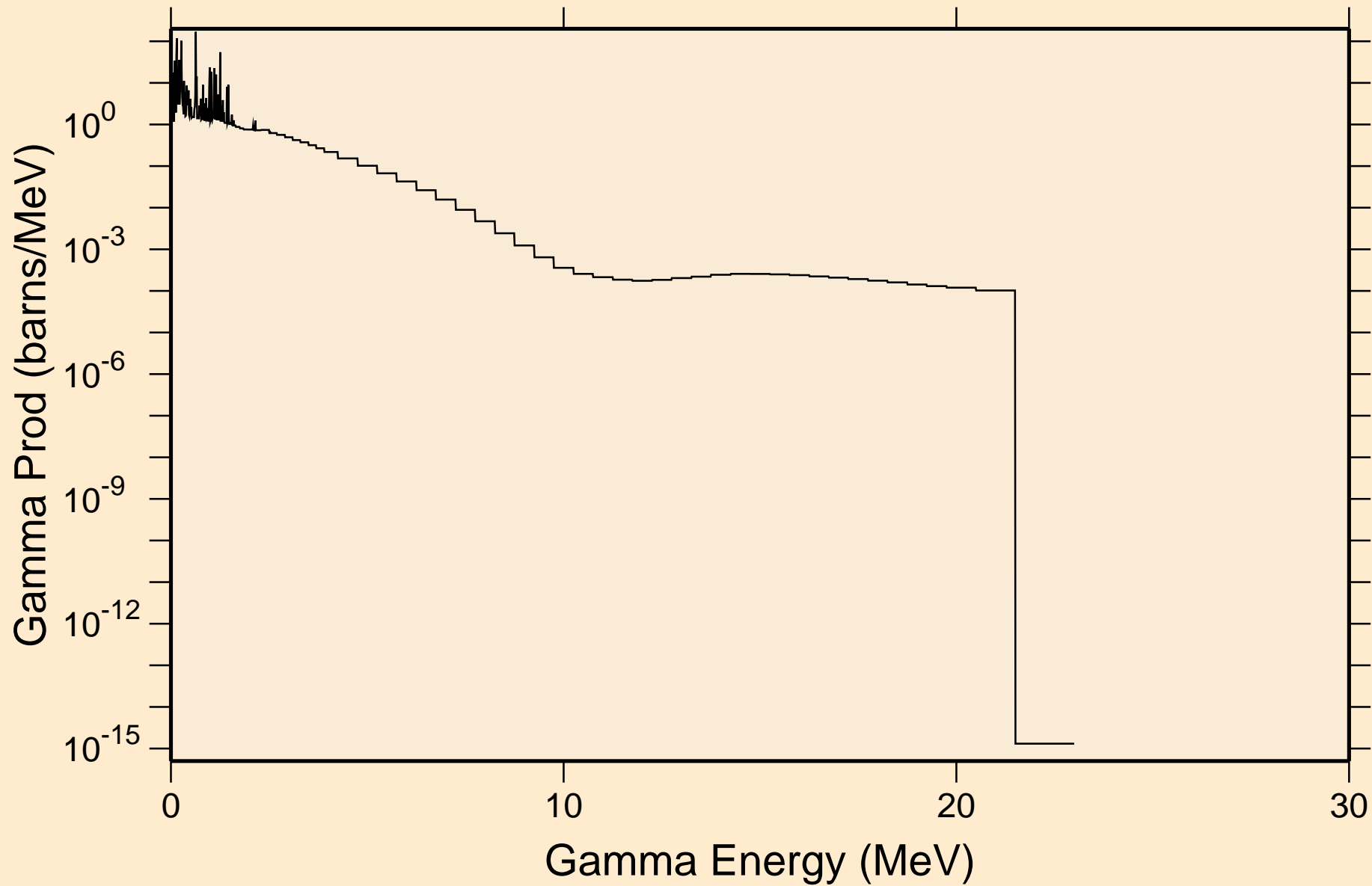
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

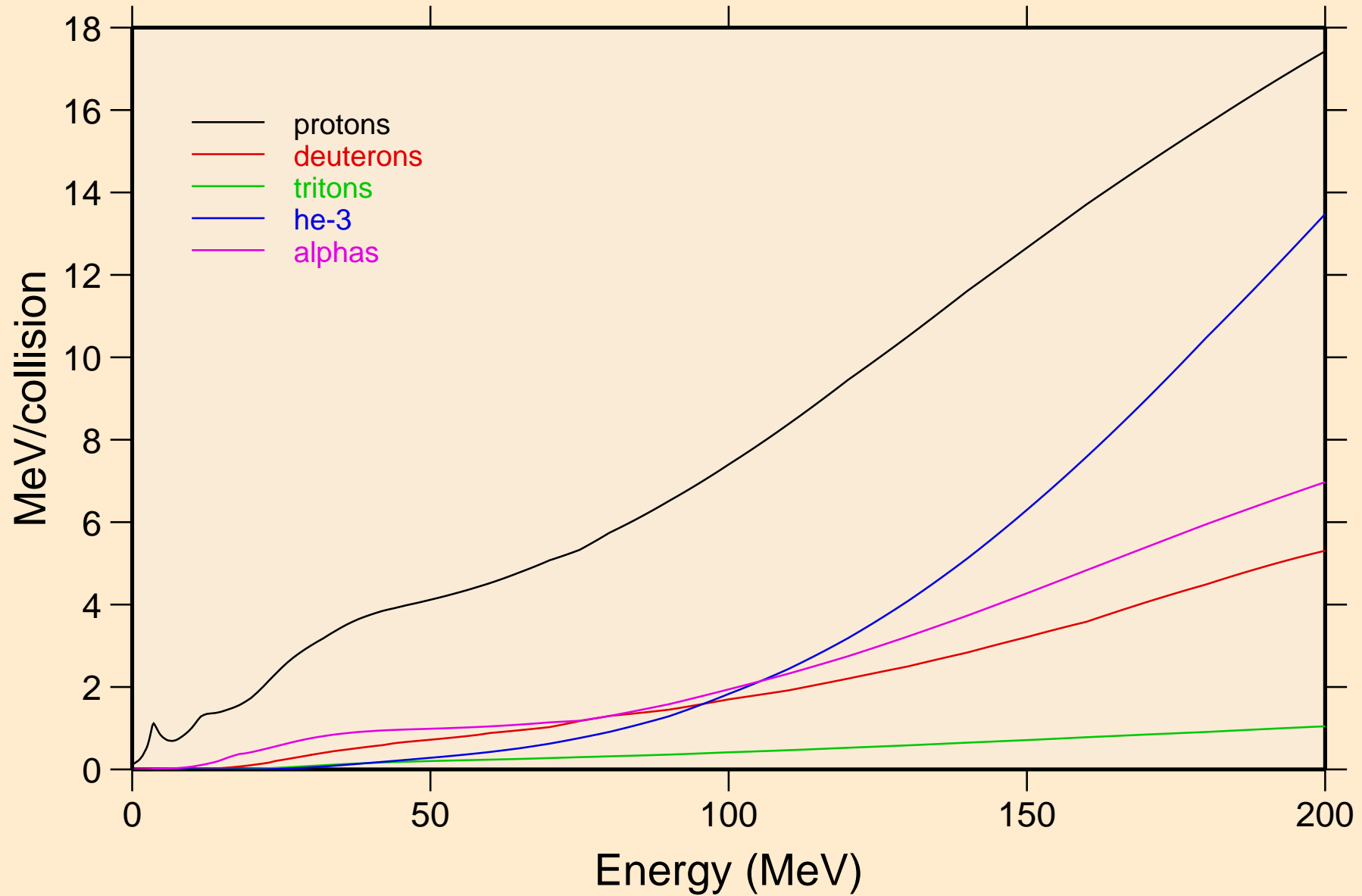


SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

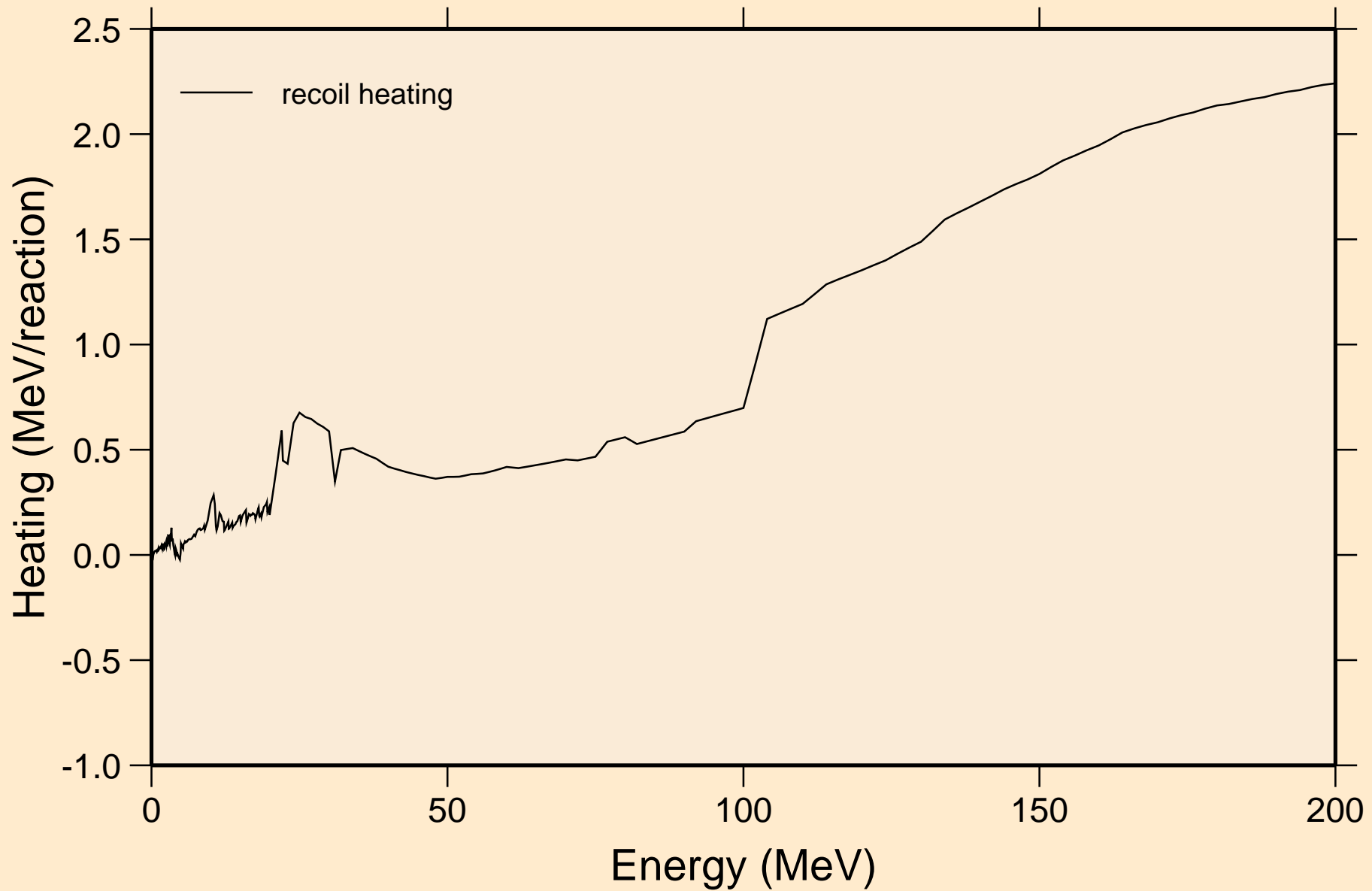


# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



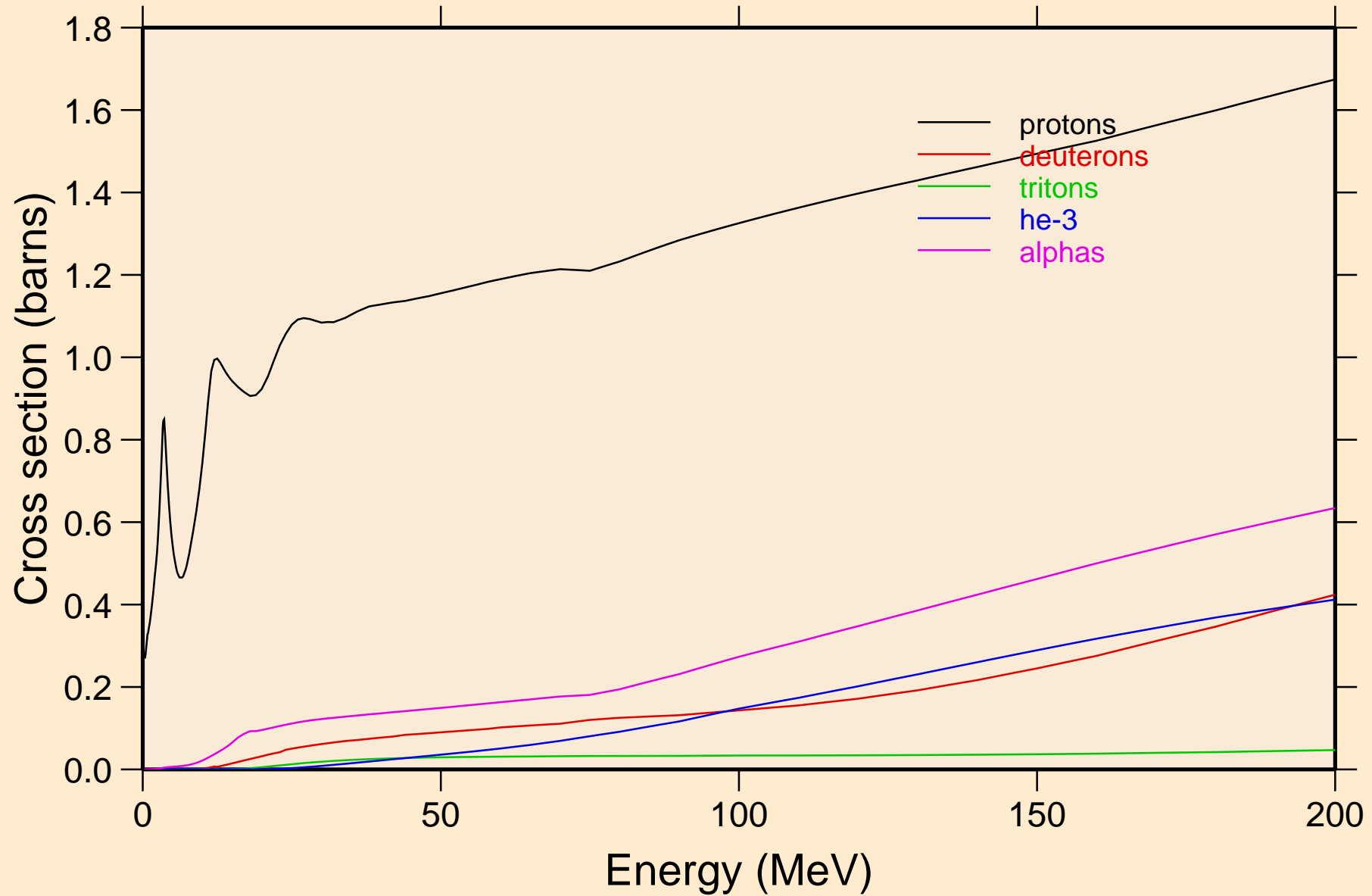
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Recoil Heating



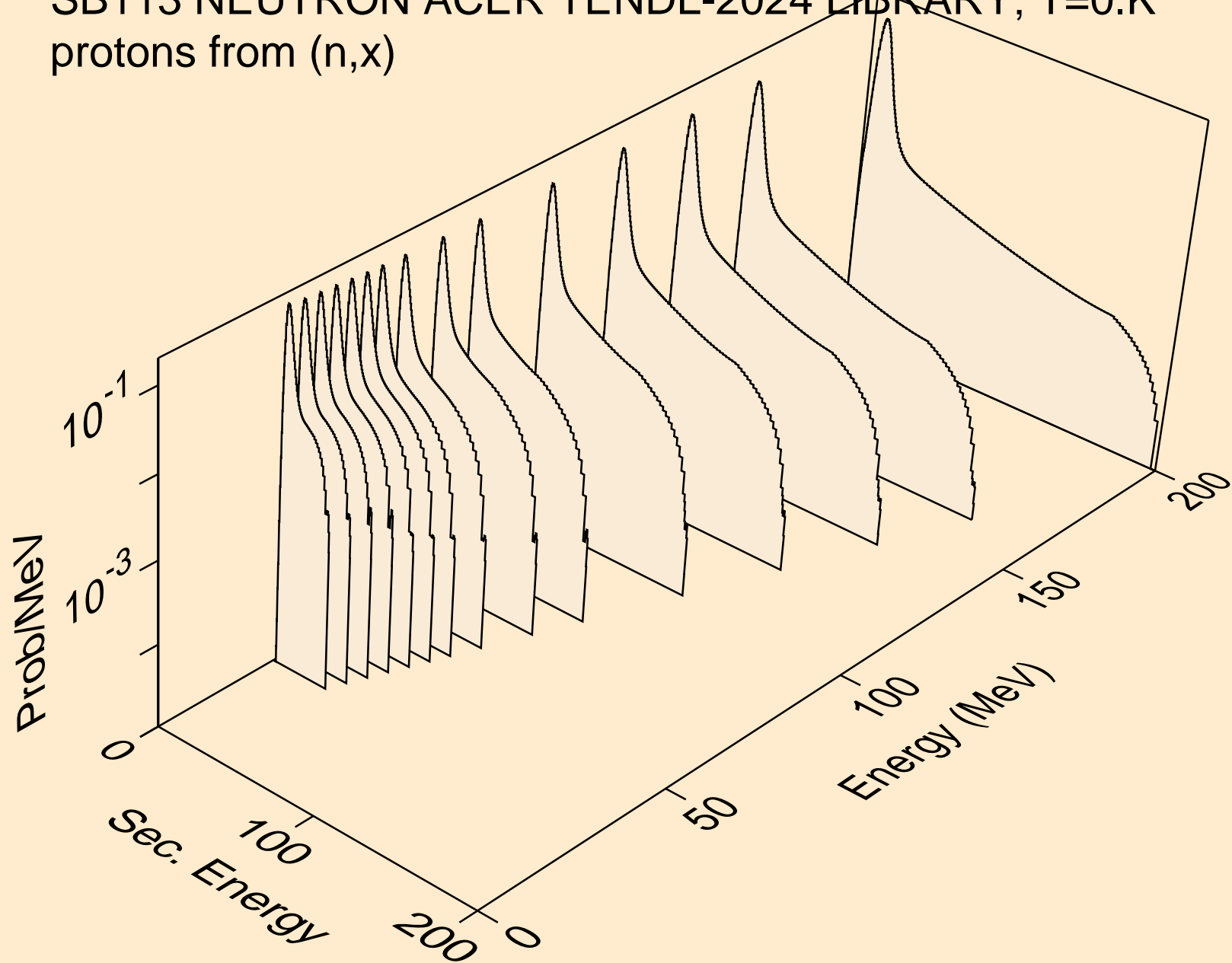


# SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

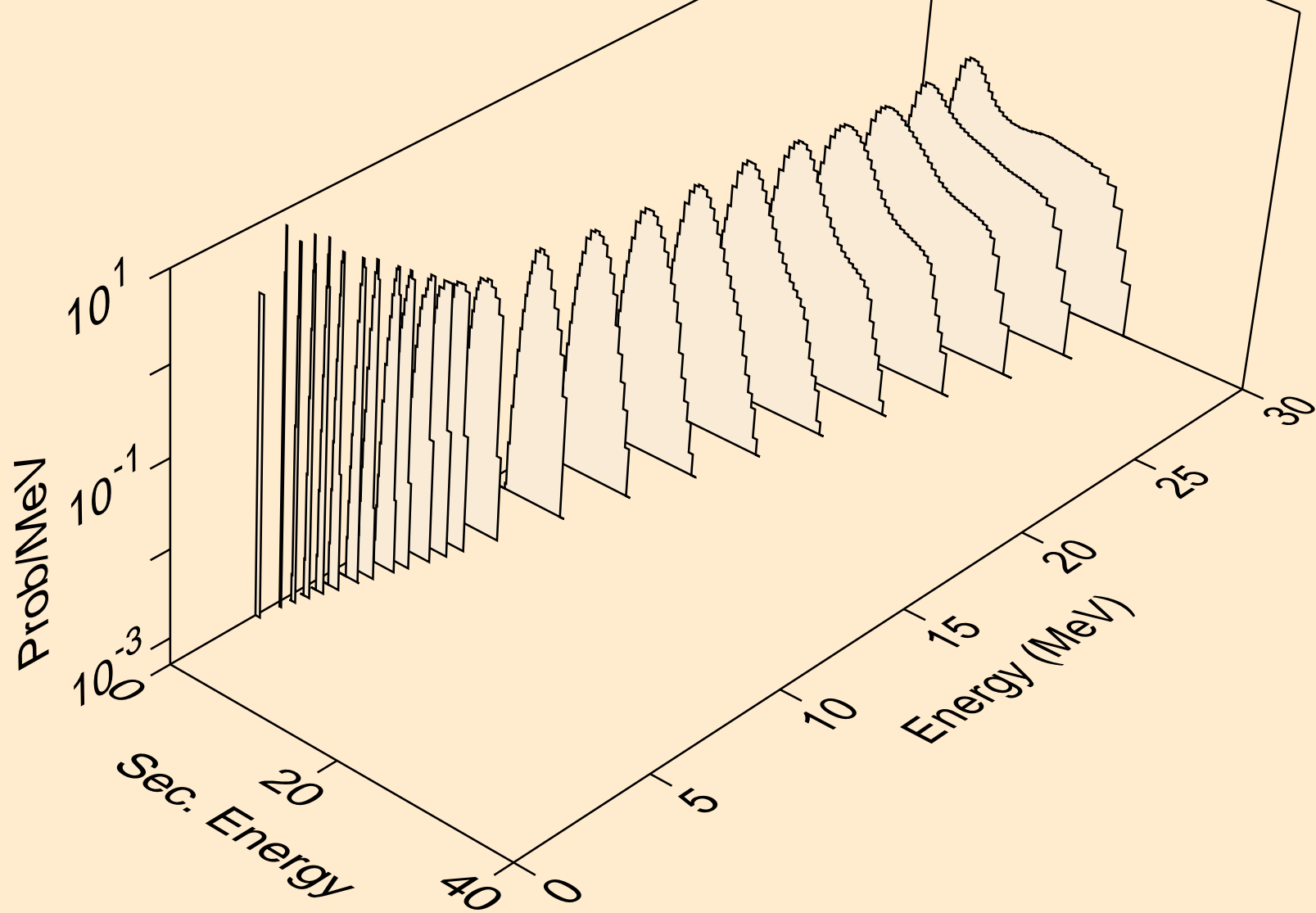
## Particle production cross sections



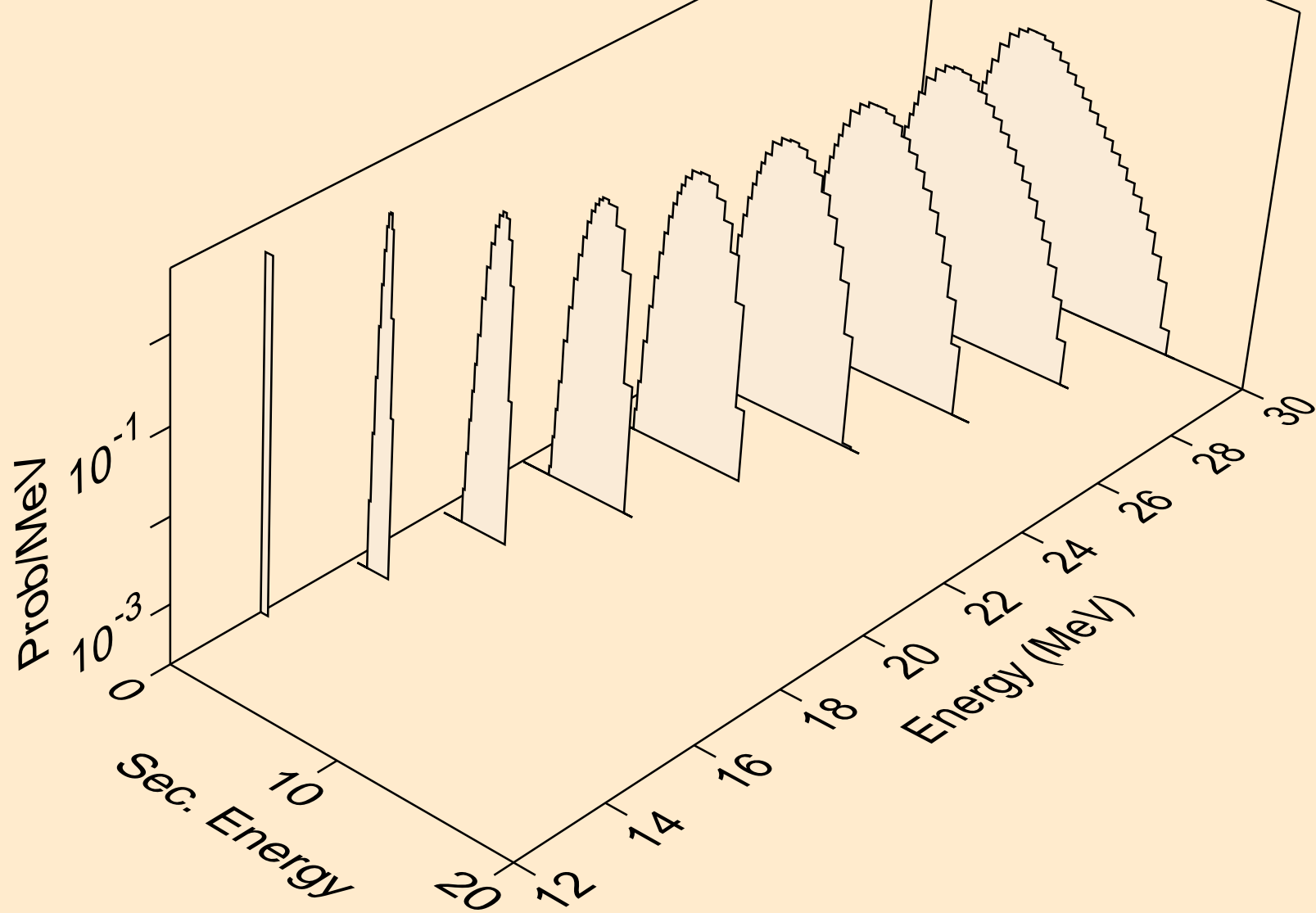
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



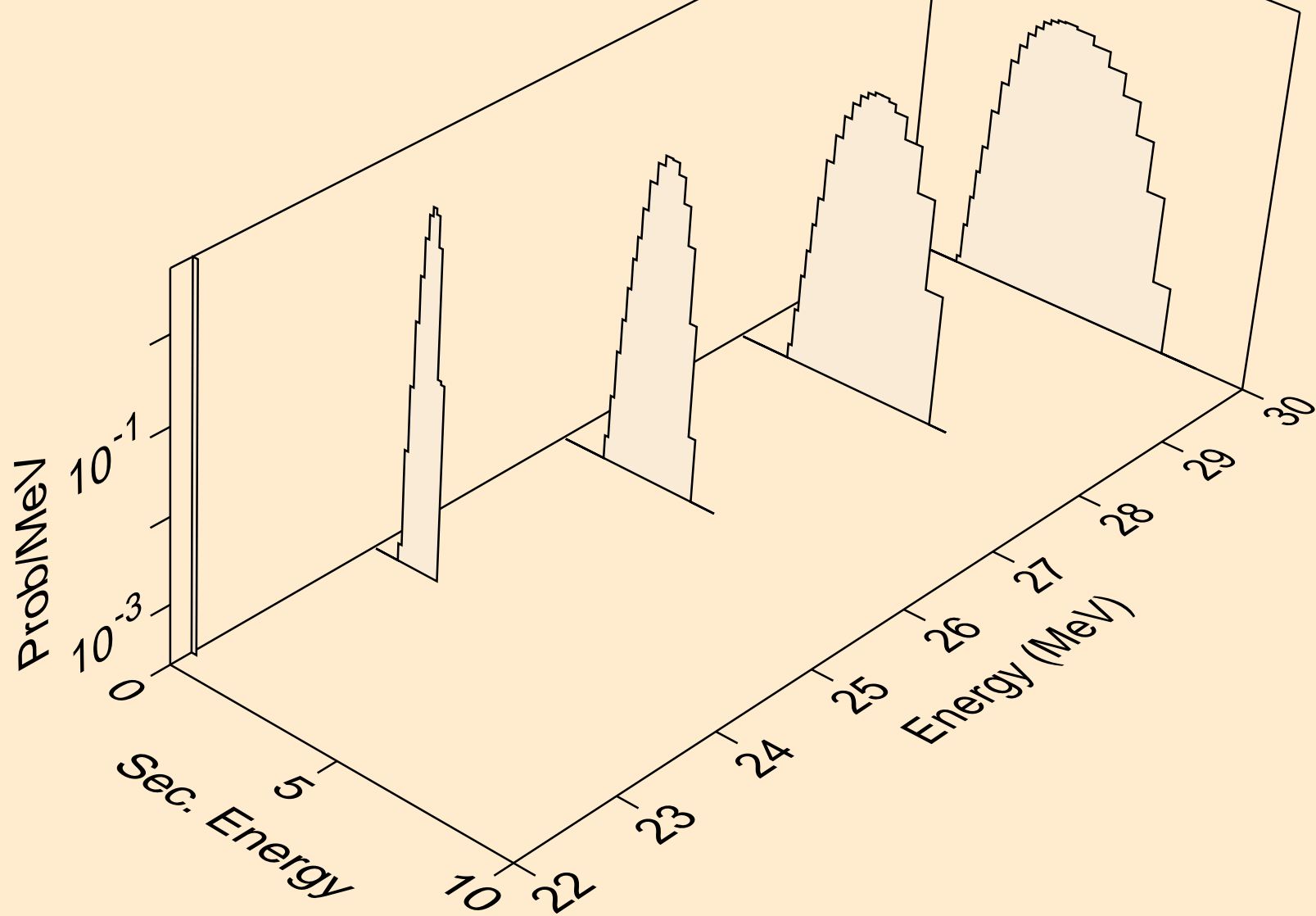
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



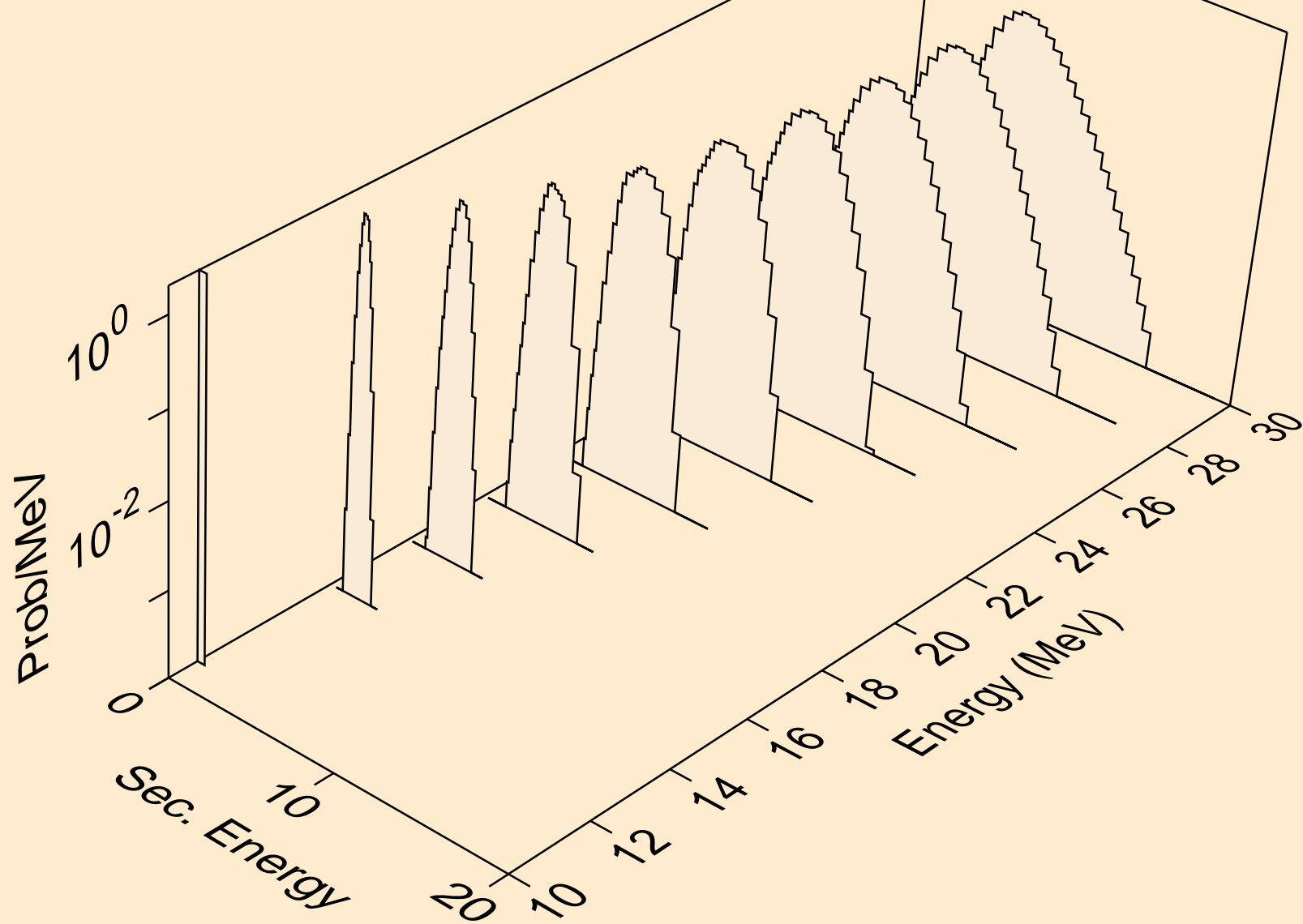
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protons from (n,2np)



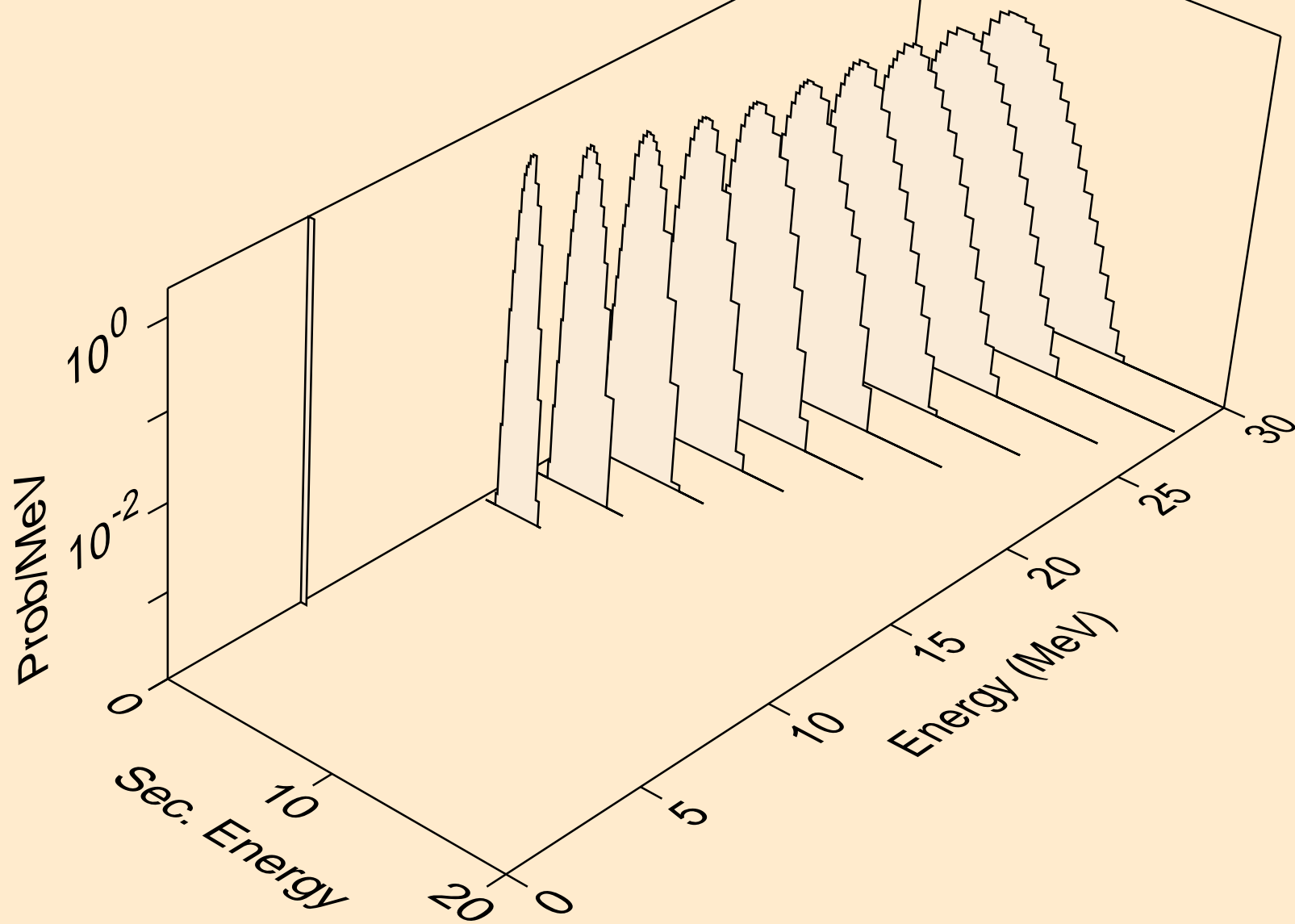
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protons from (n,3np)



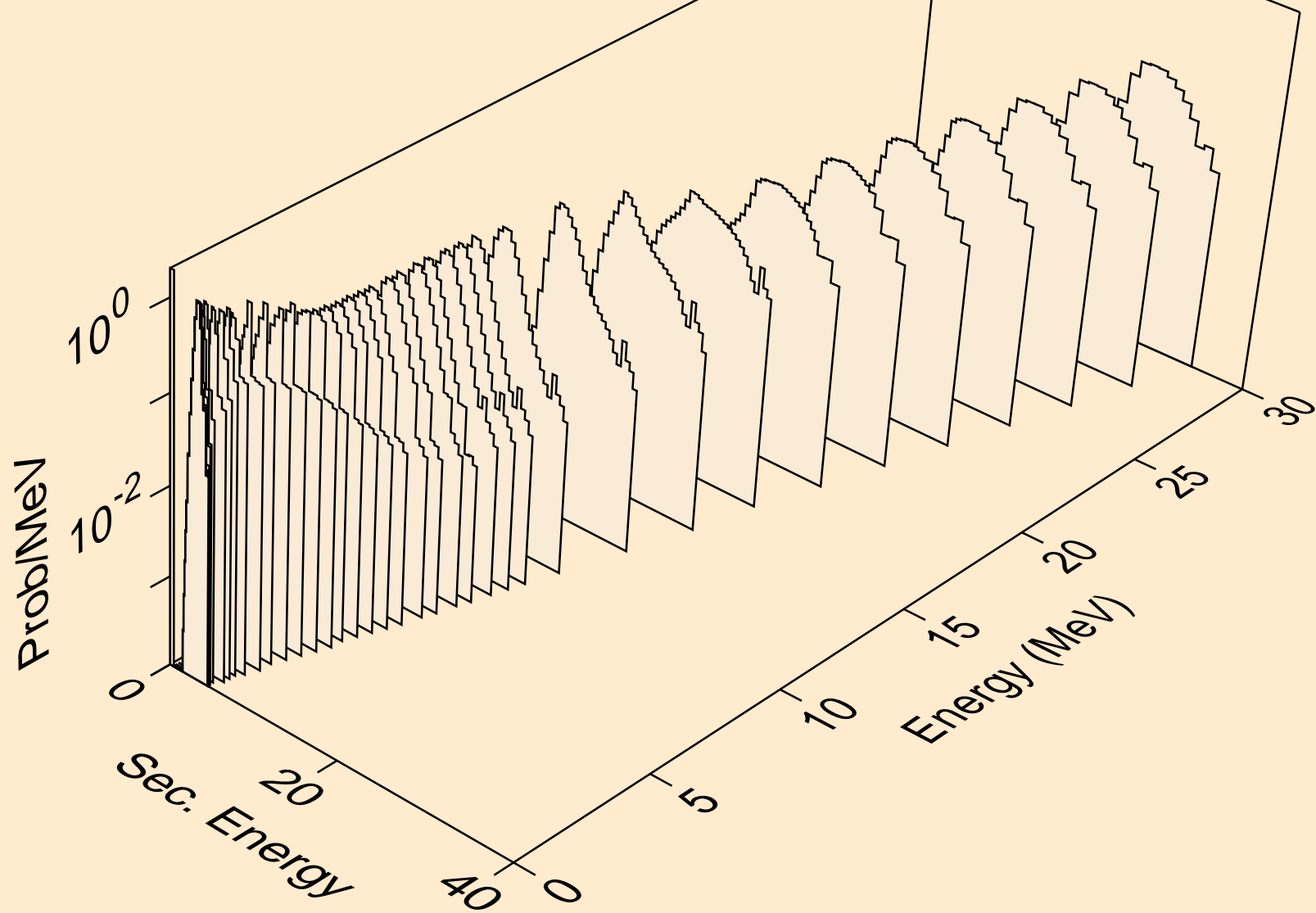
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

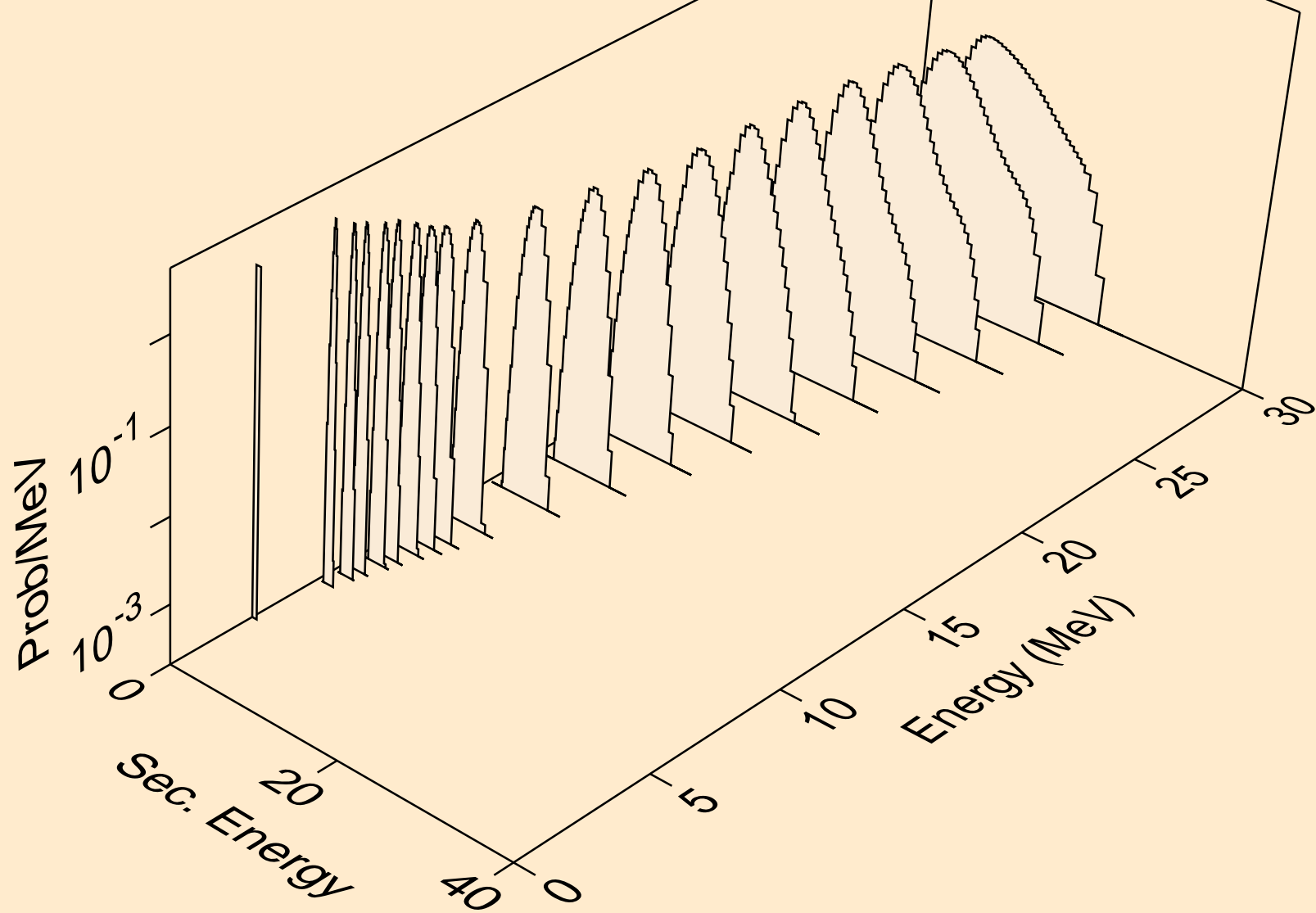


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protons from (n,p)

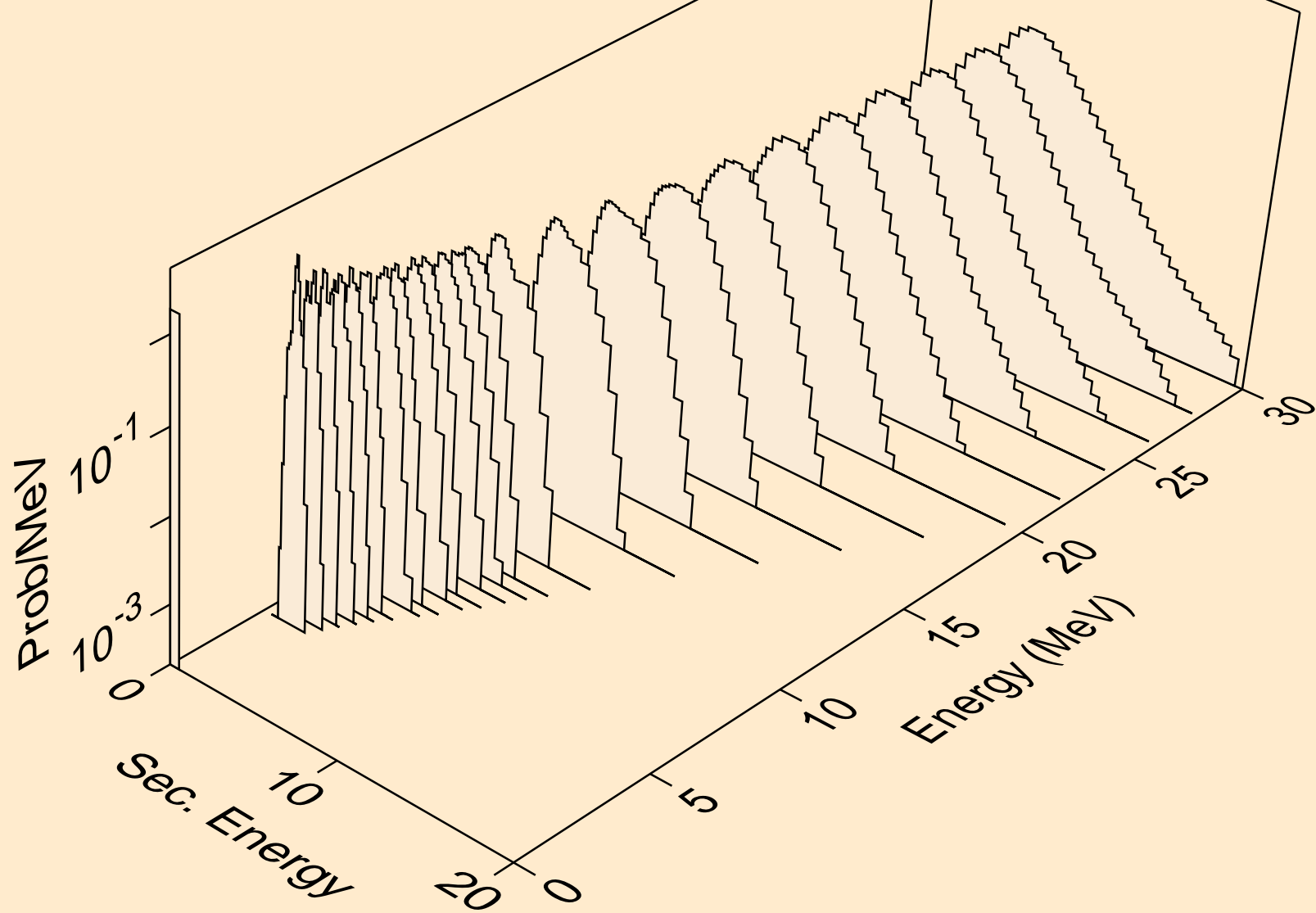




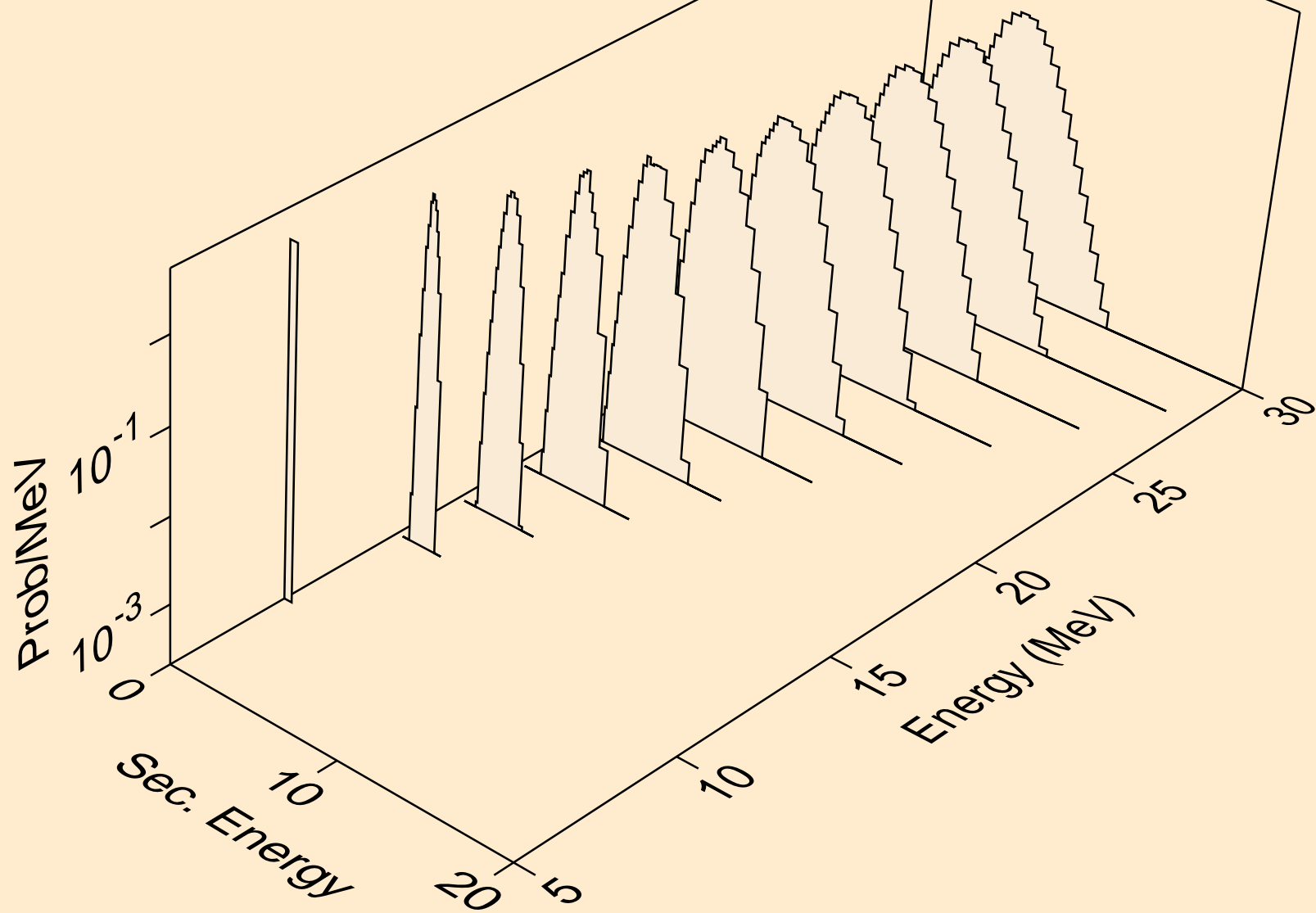
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protons from (n,2p)



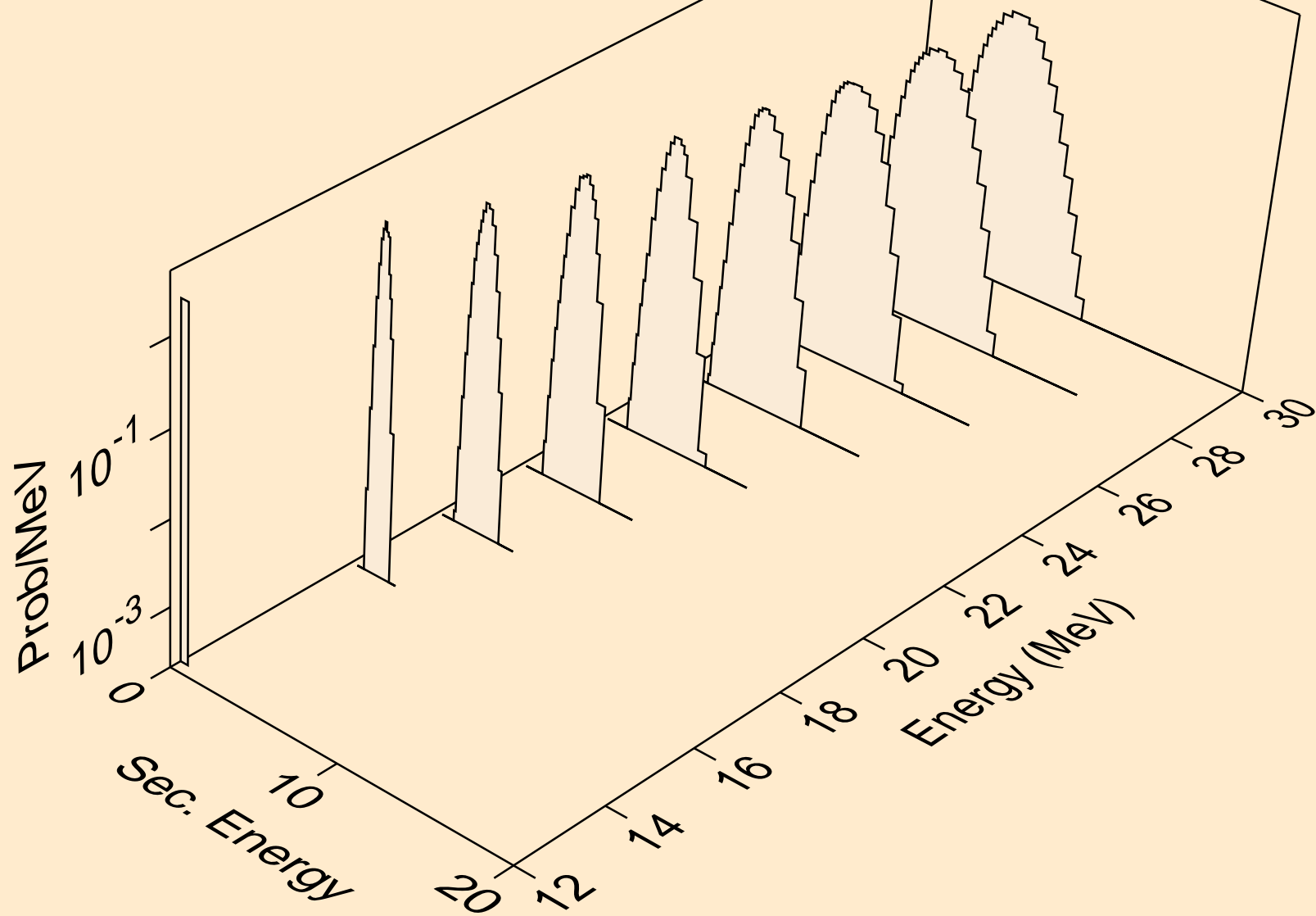
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protons from (n,p)



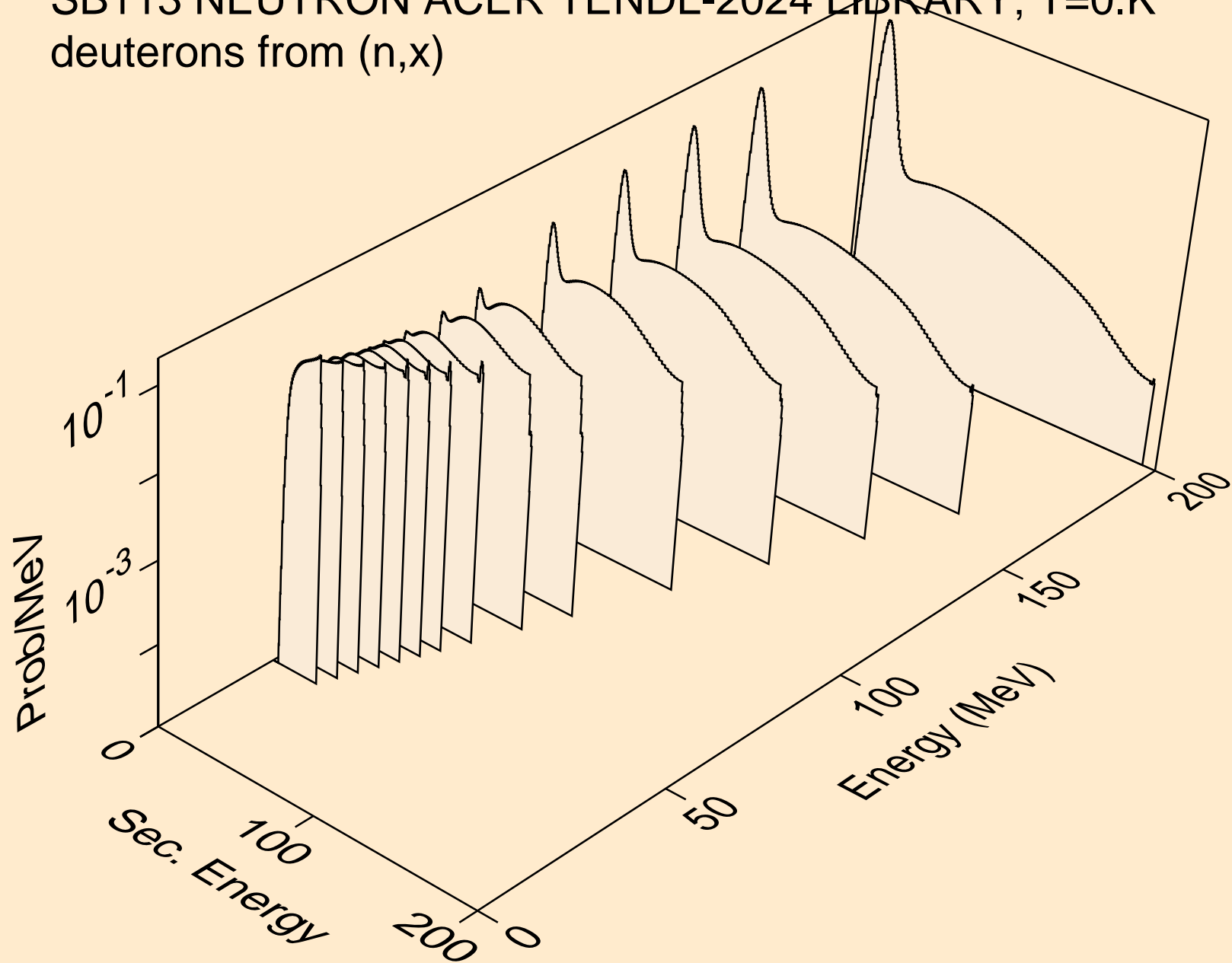
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protons from (n,pd)



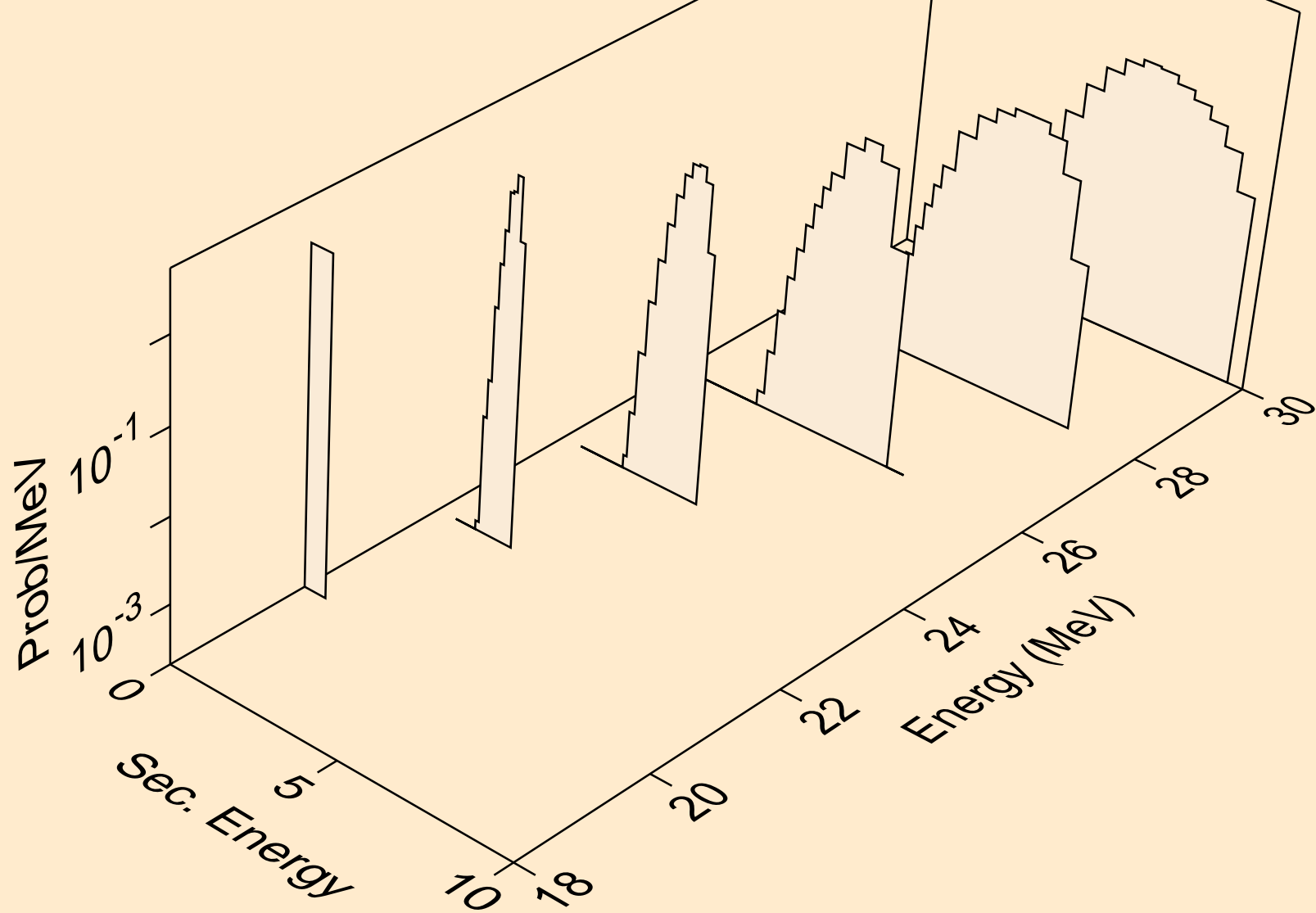
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protons from (n,pt)



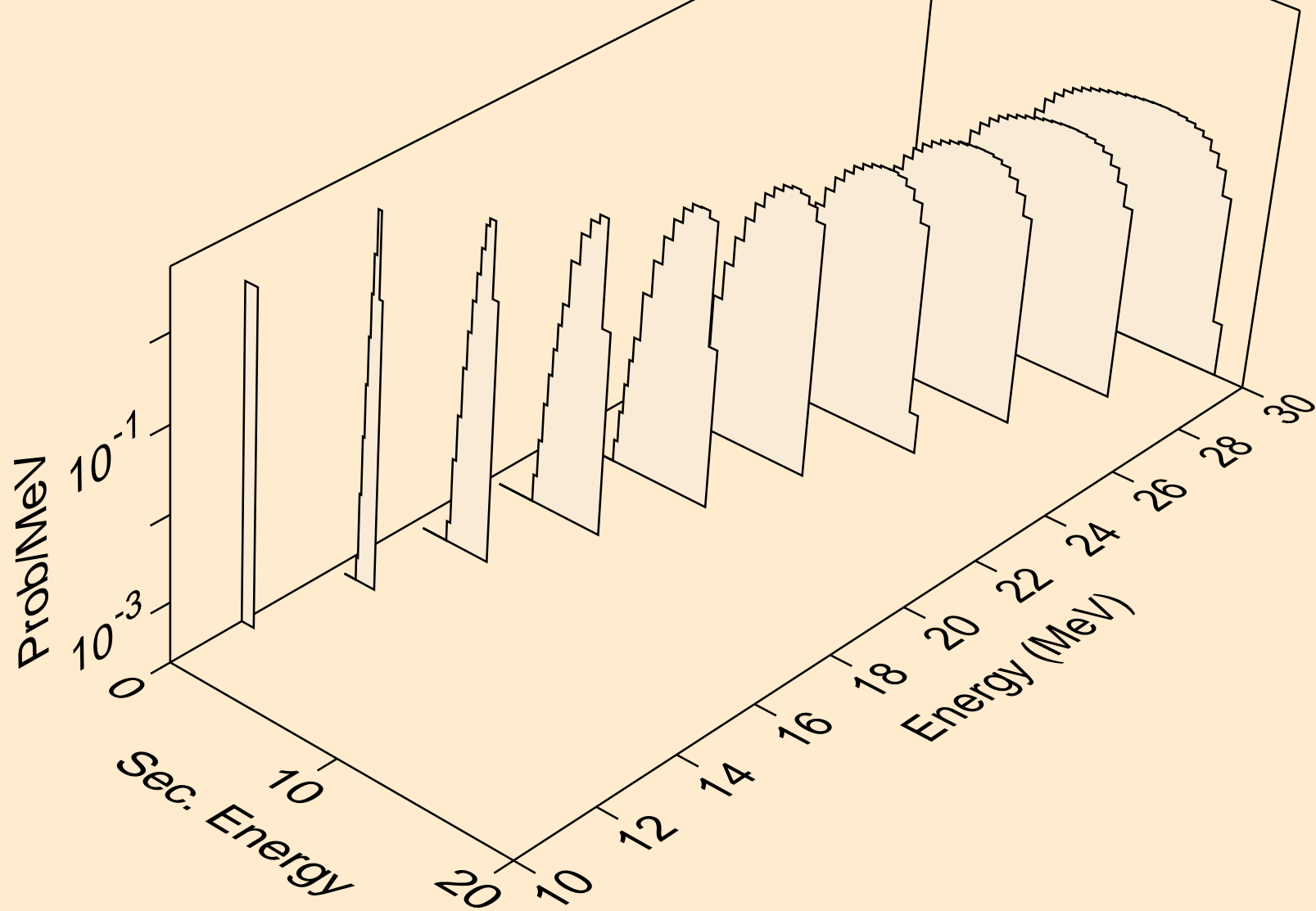
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deuterons from (n,x)



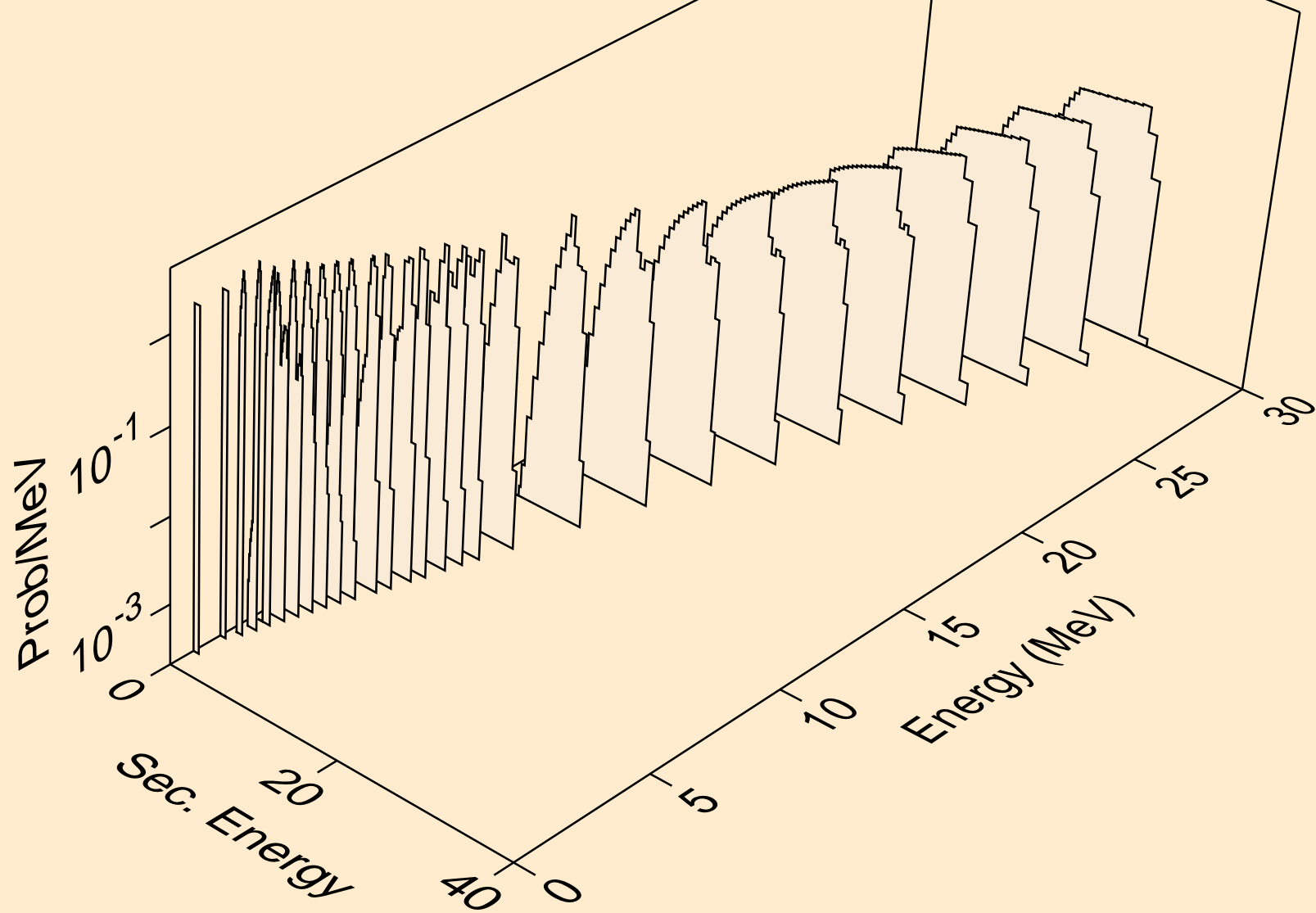
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deuterons from (n,2nd)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

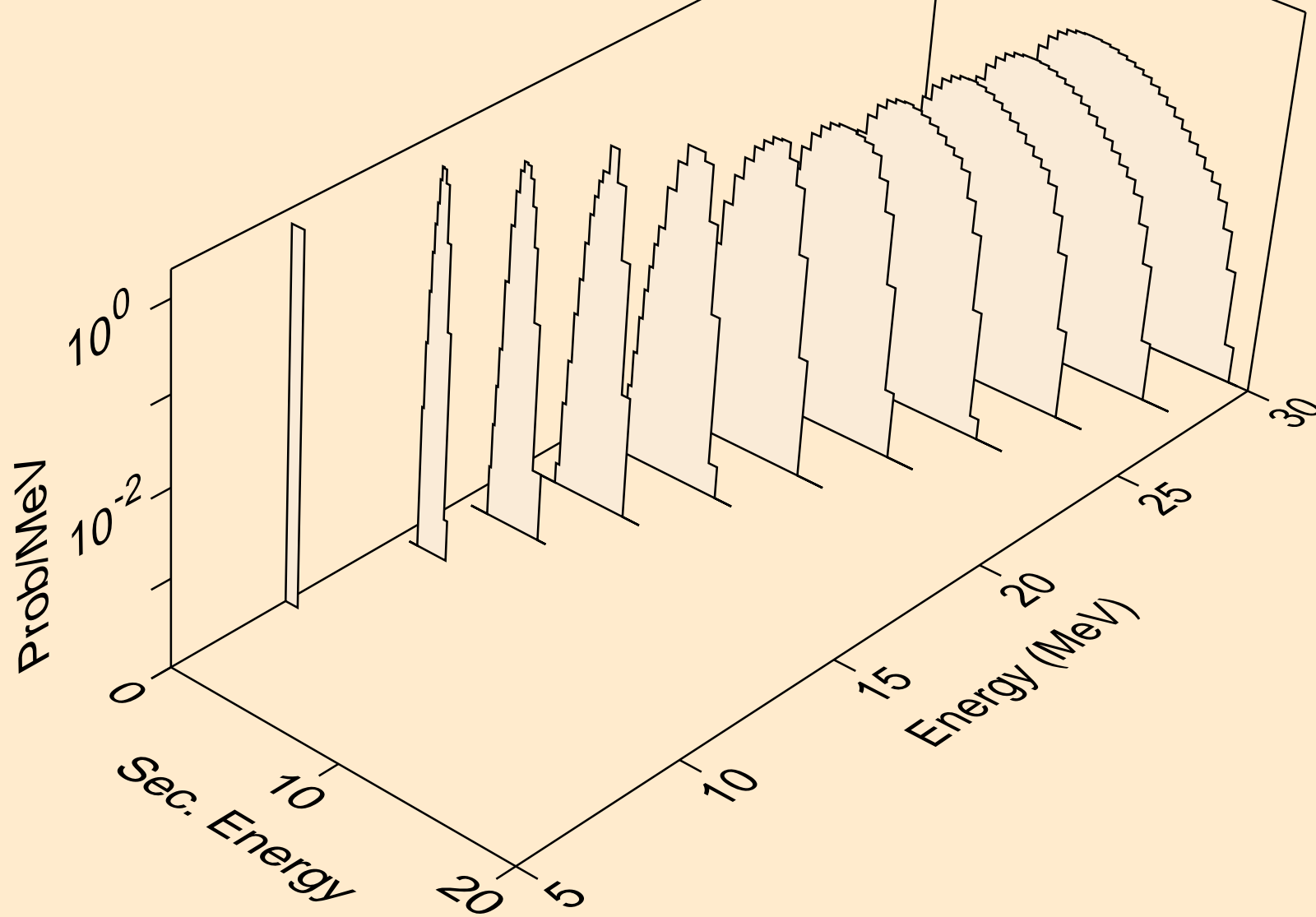


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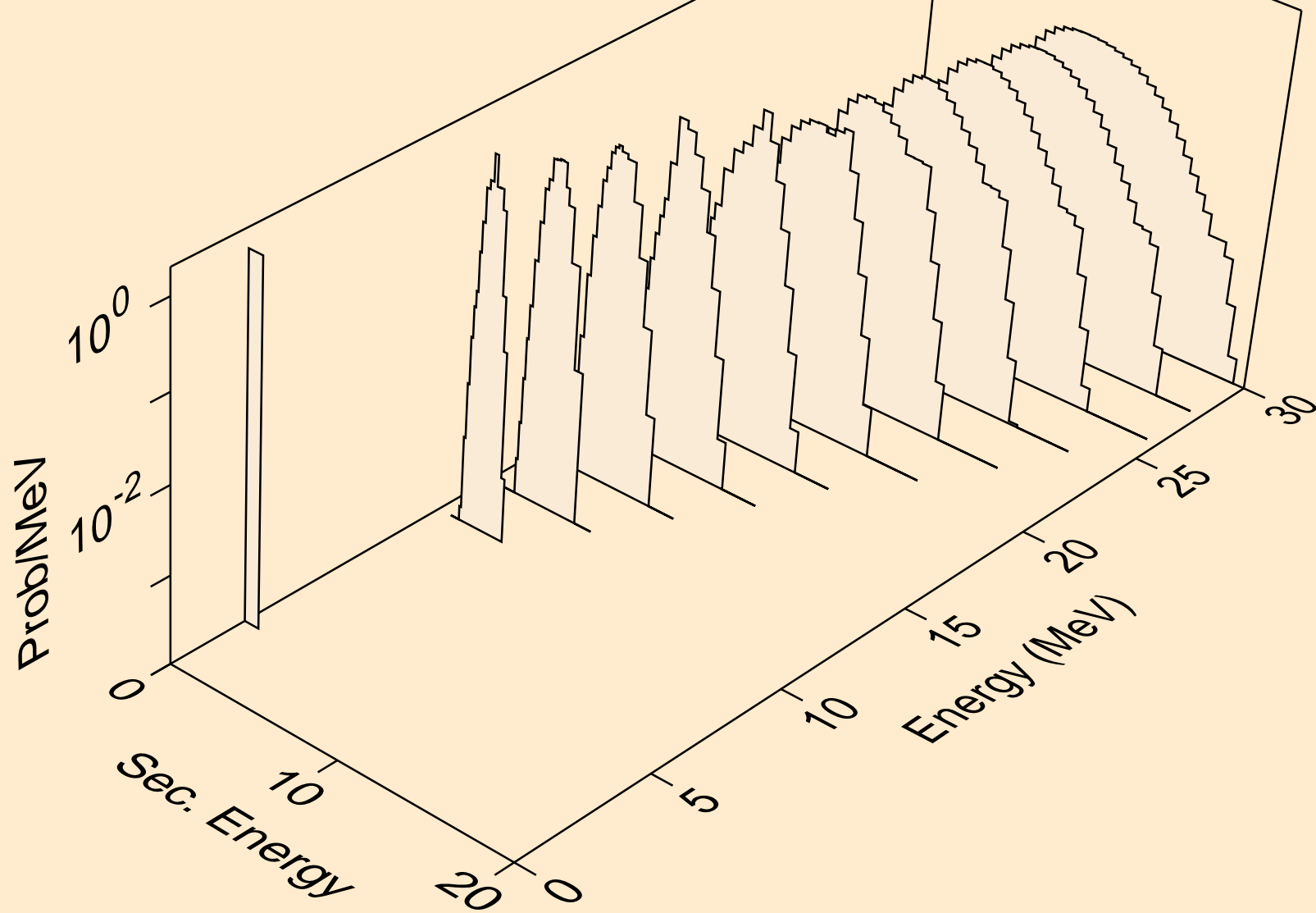




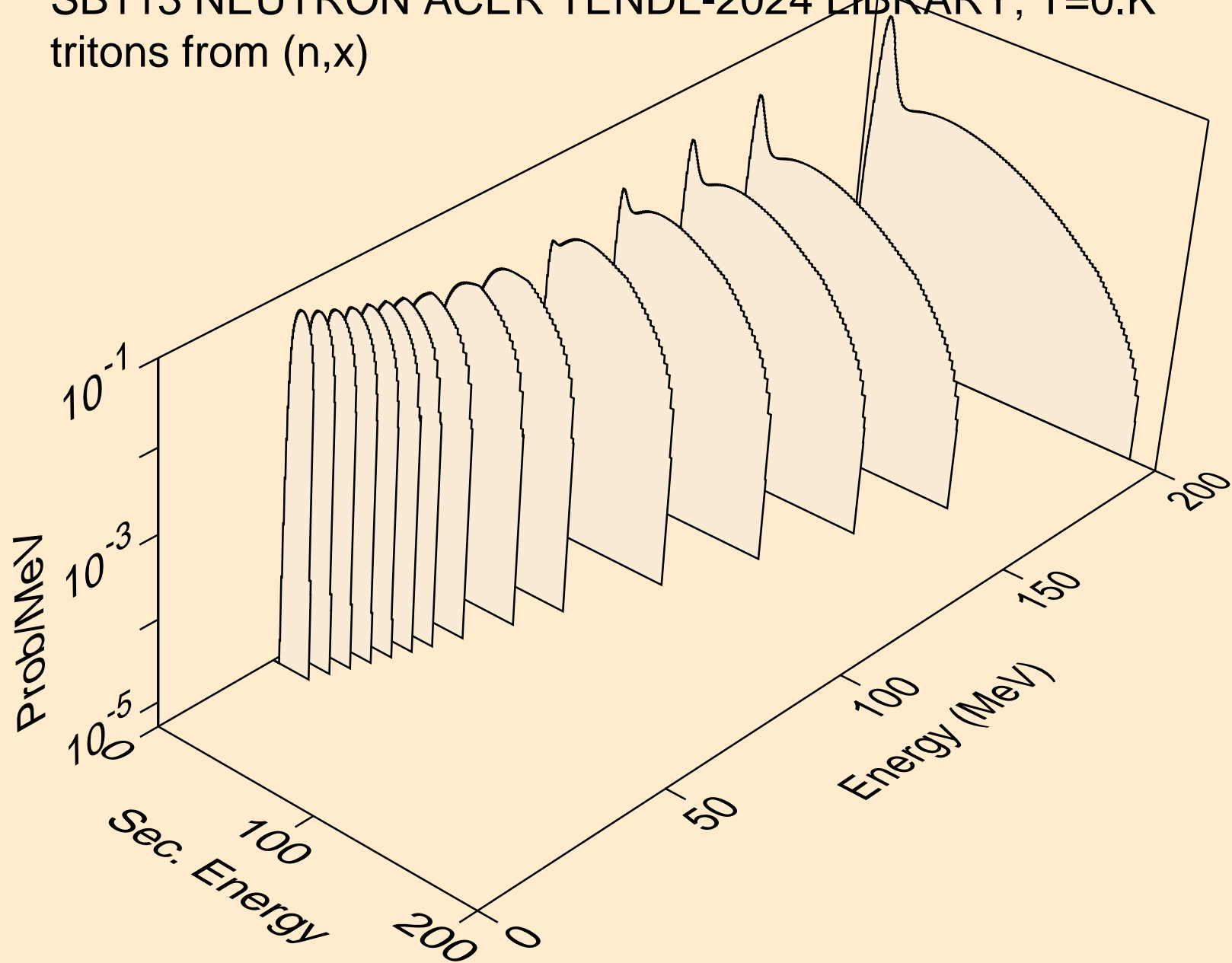
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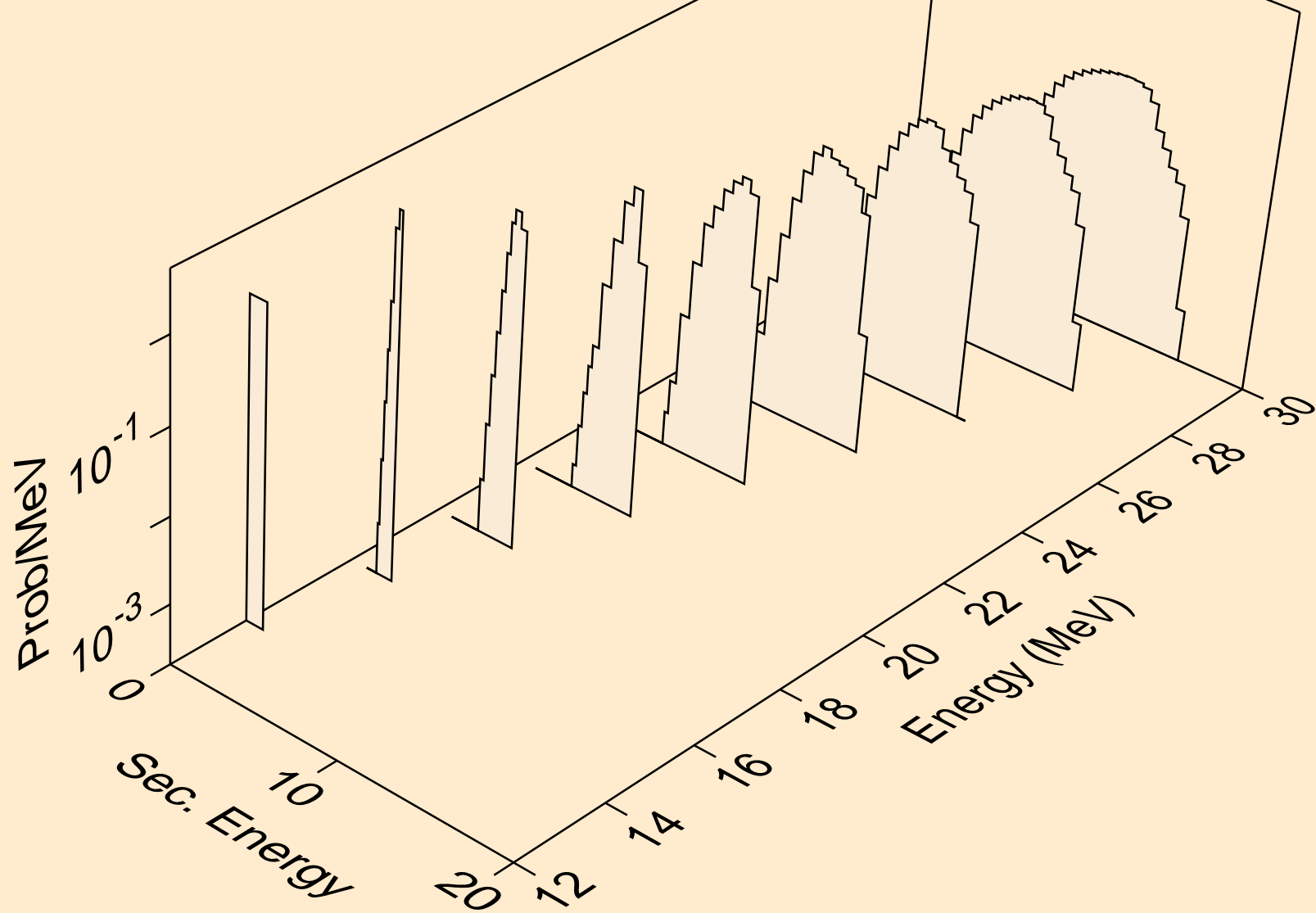
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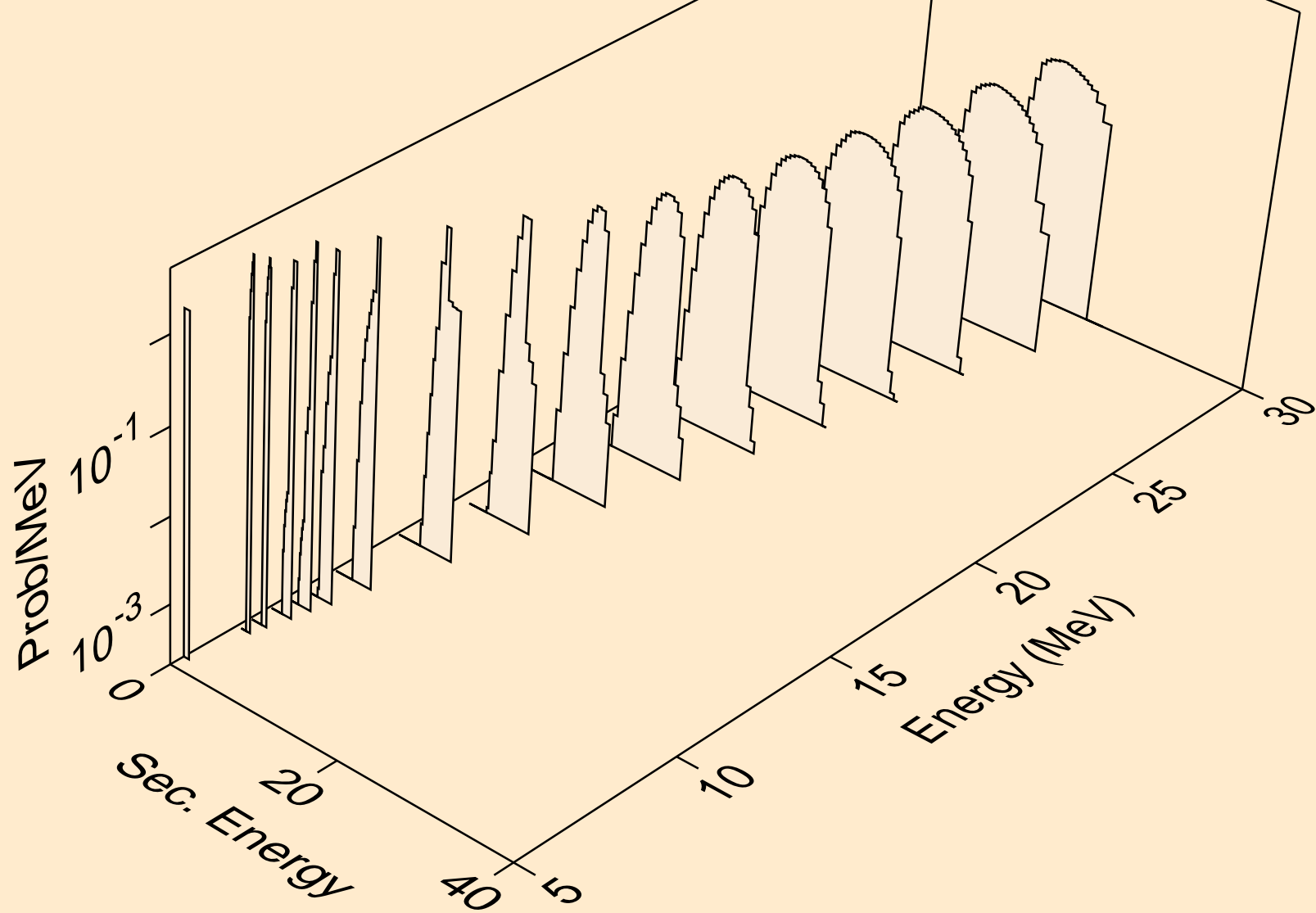
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tritons from (n,x)



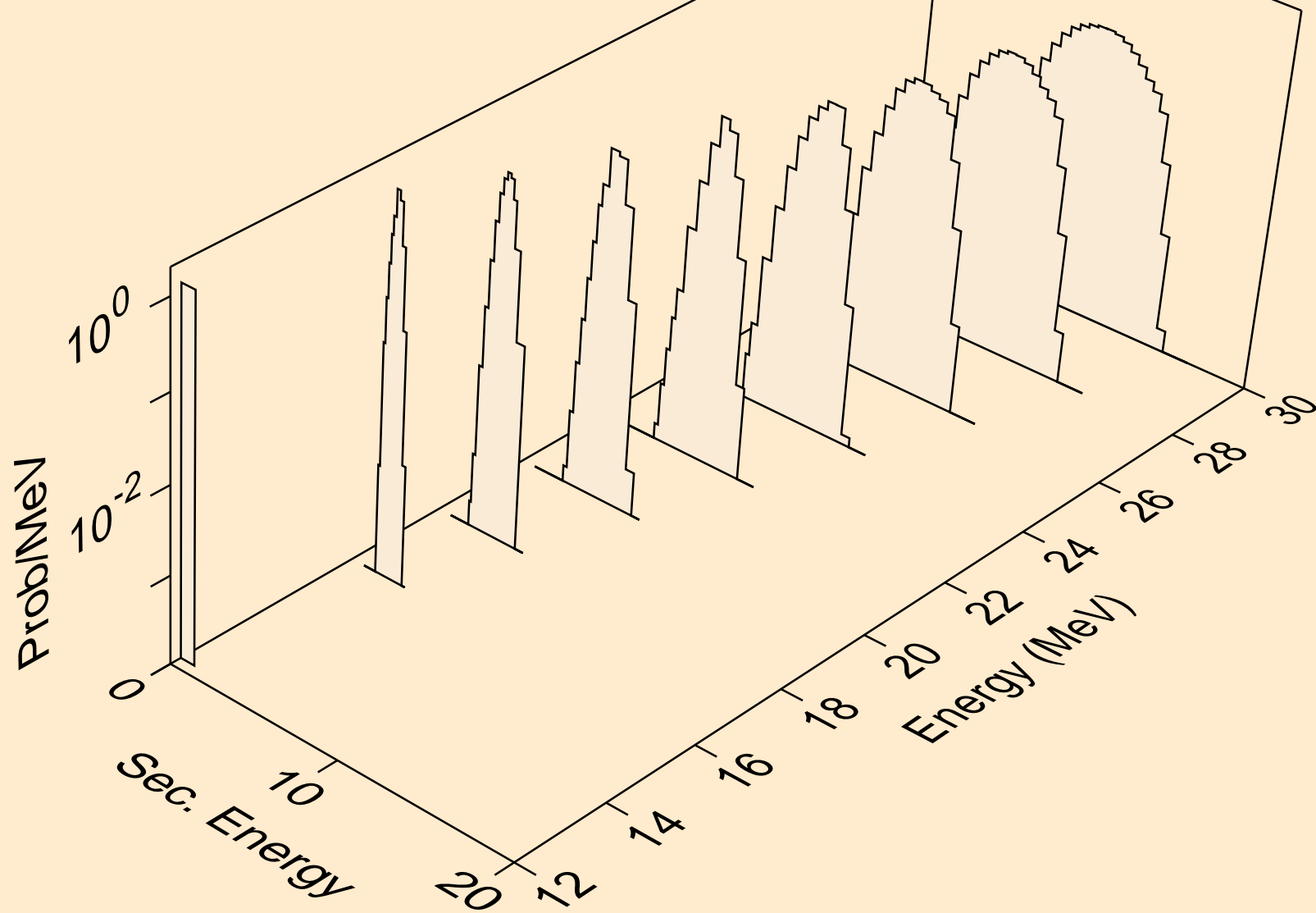
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



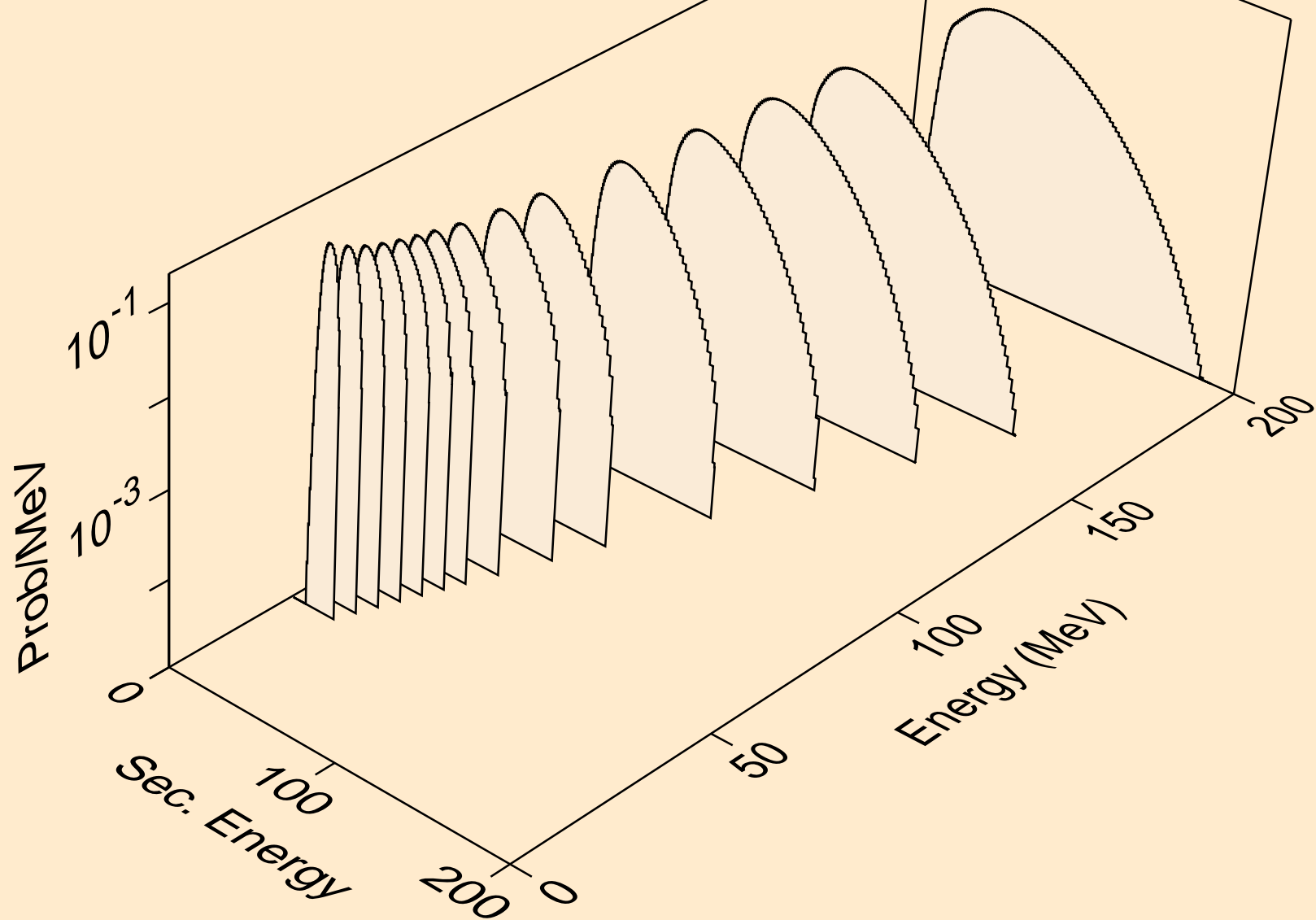
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tritons from (n,t)



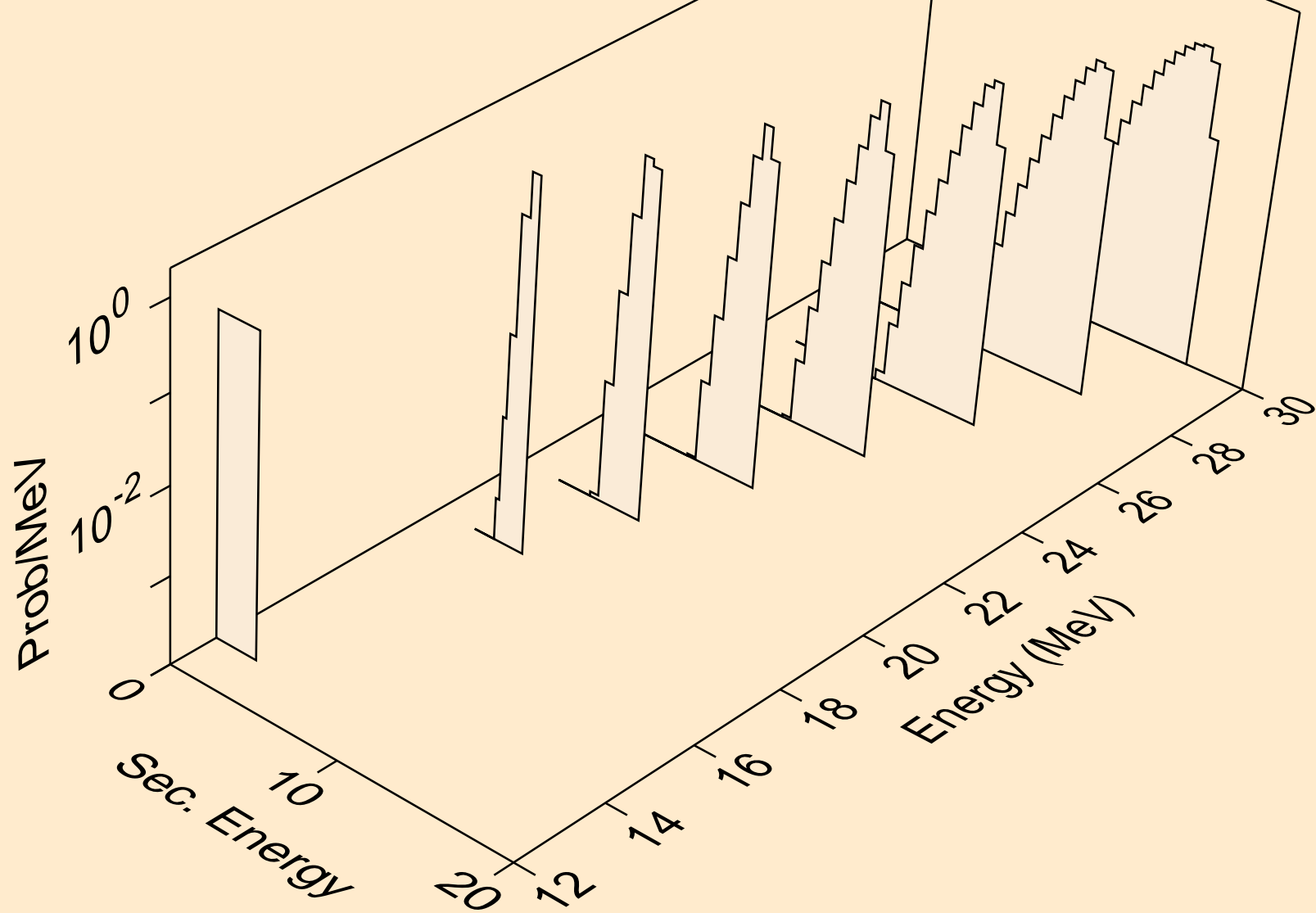
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

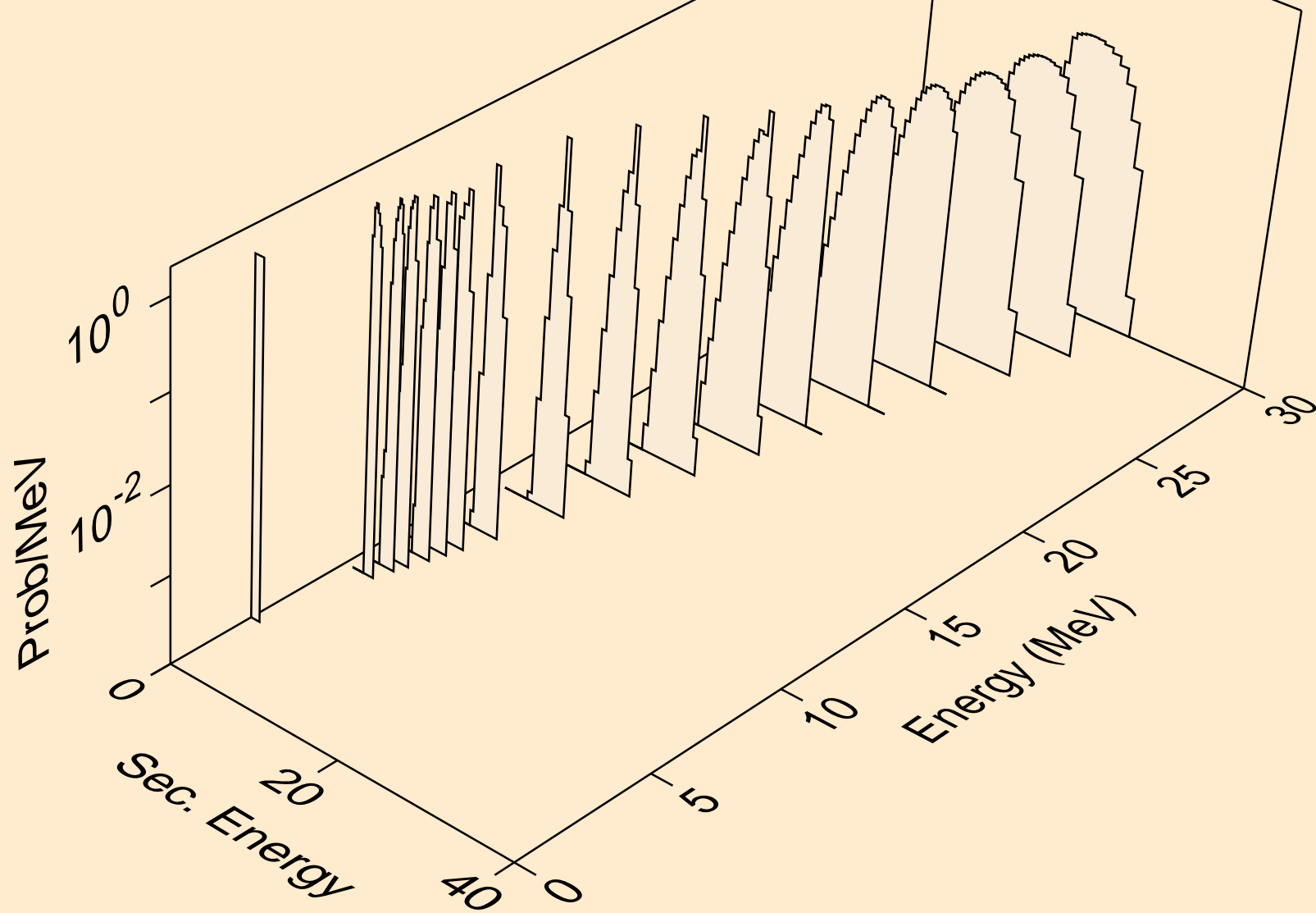


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he3s from (n,n\*)he3

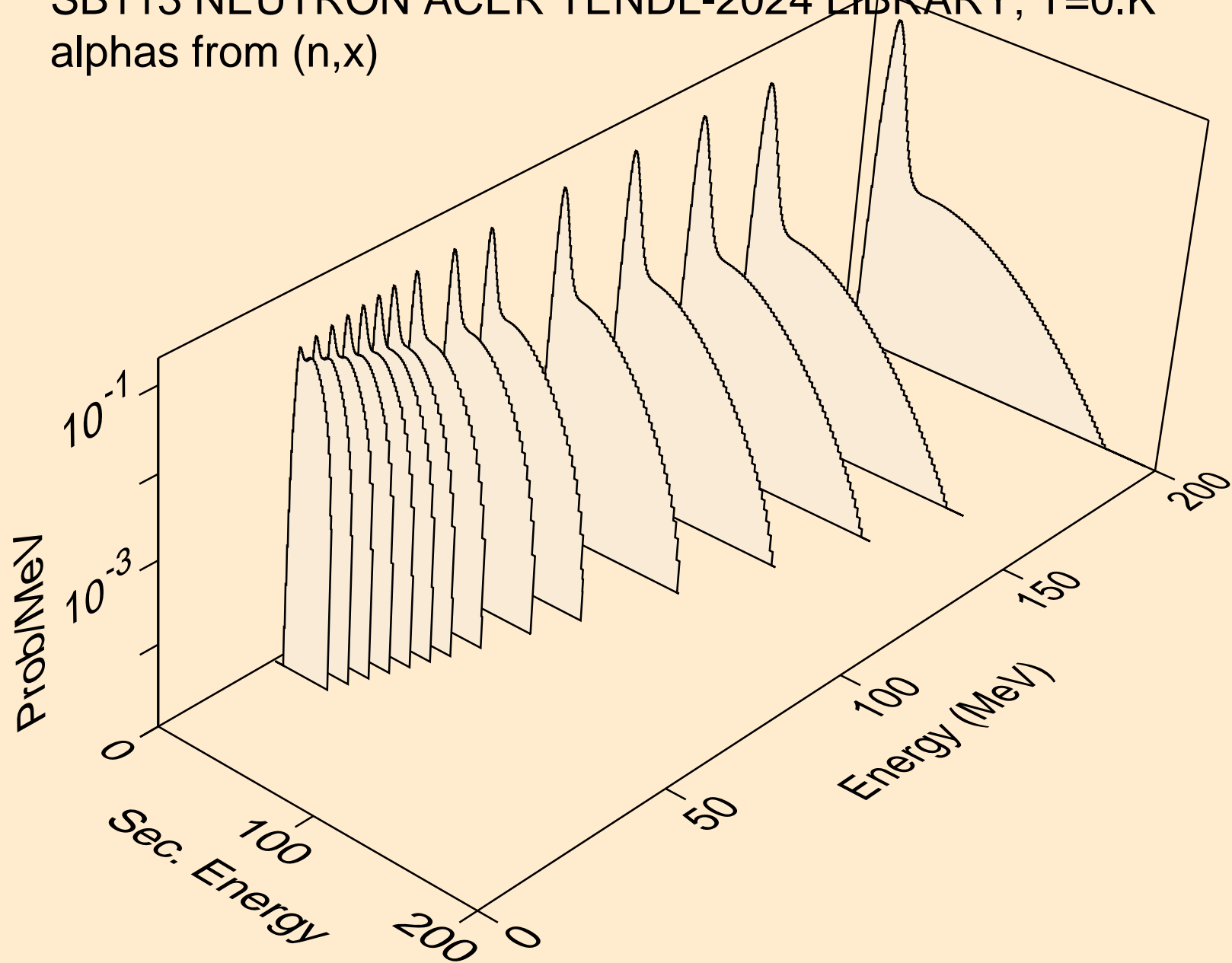




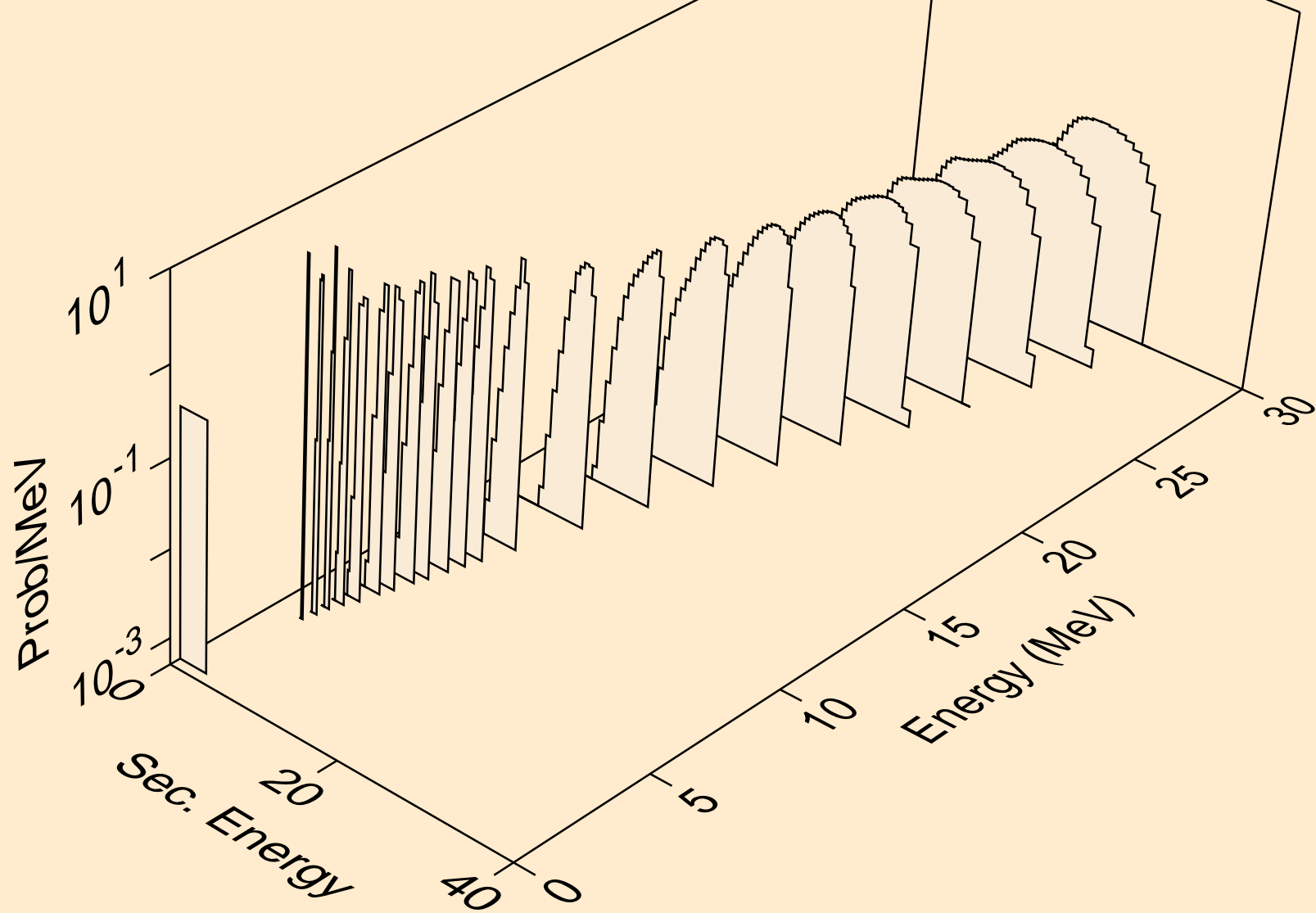
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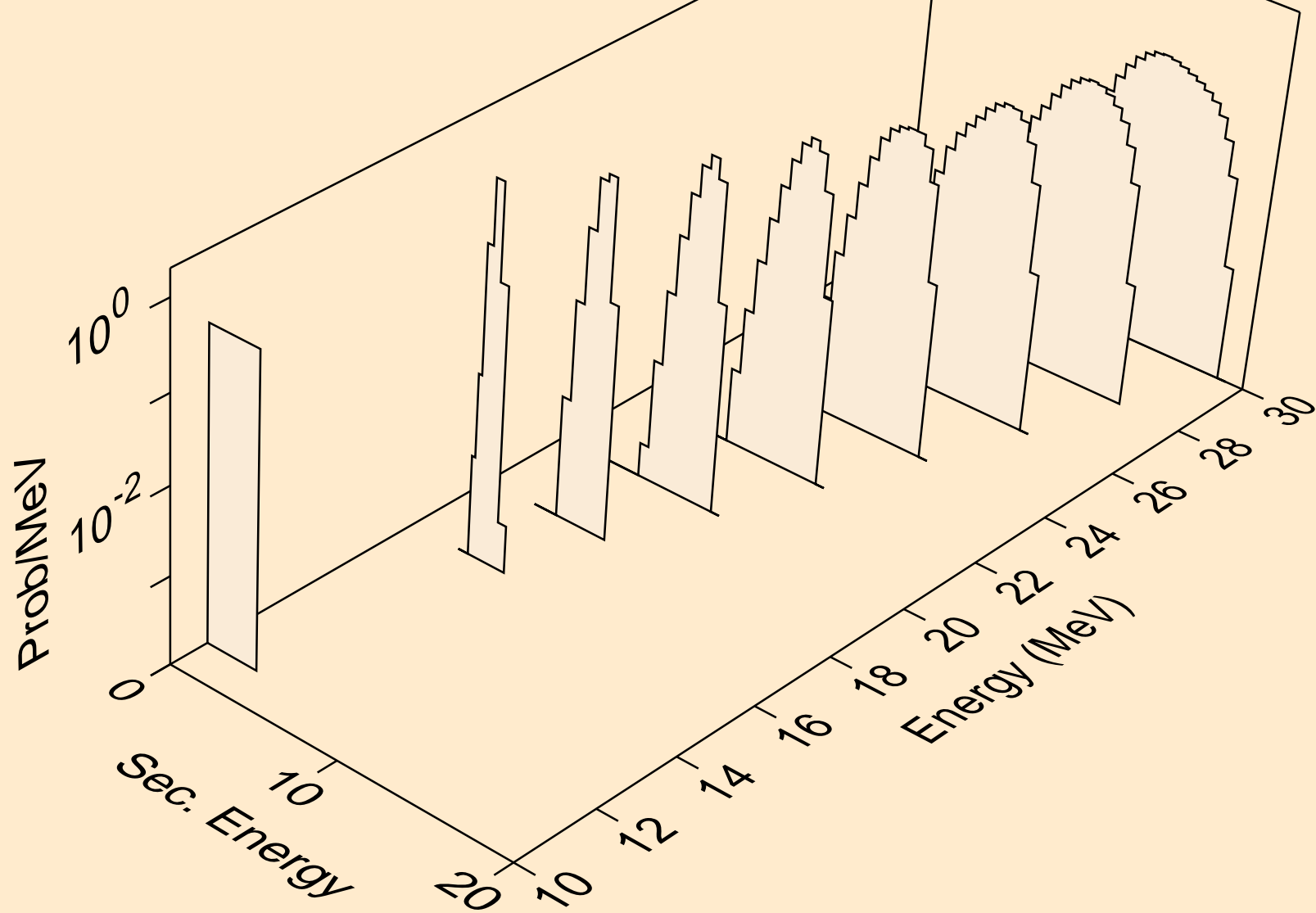
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



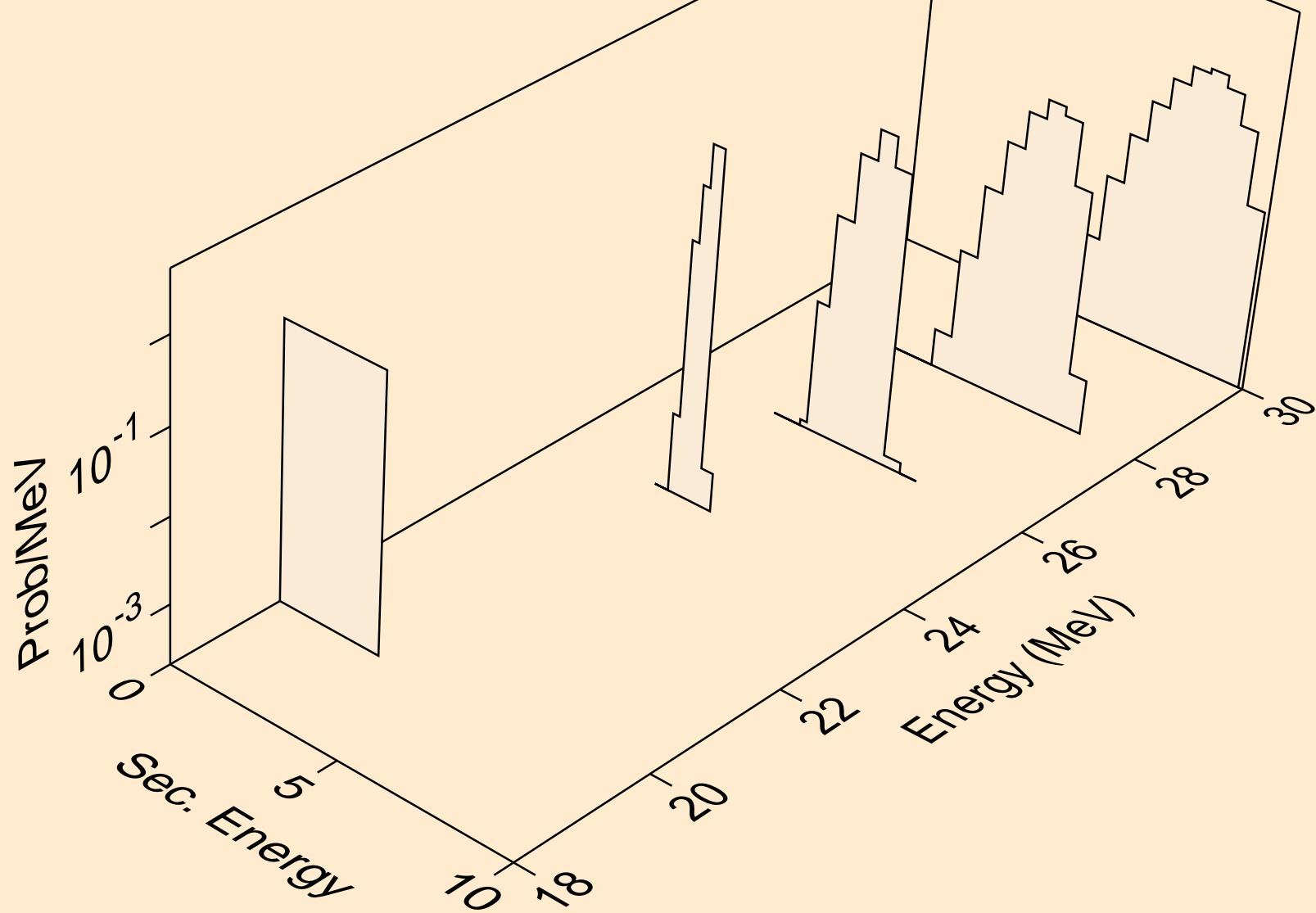
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



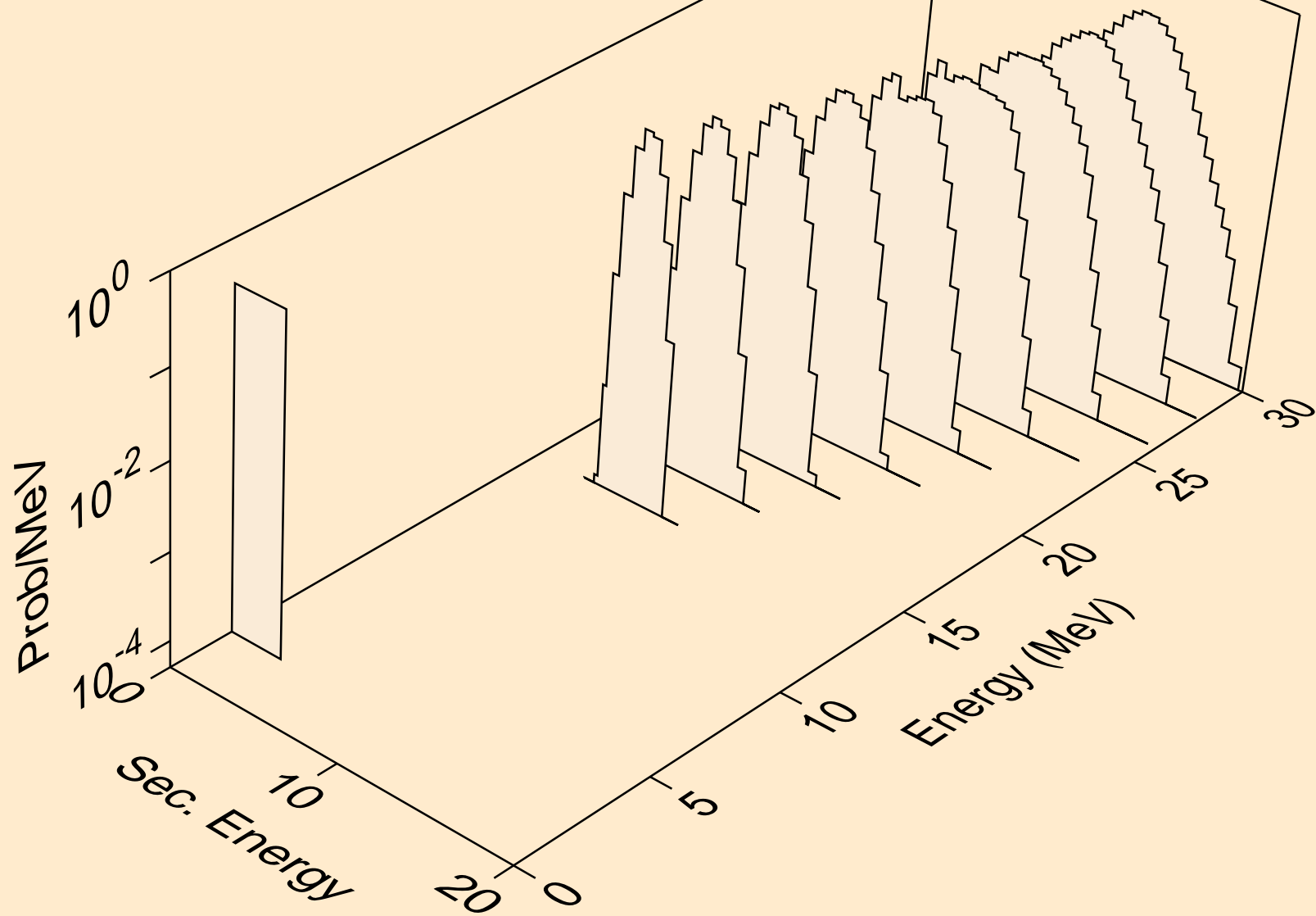
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alphas from (n,2n)a



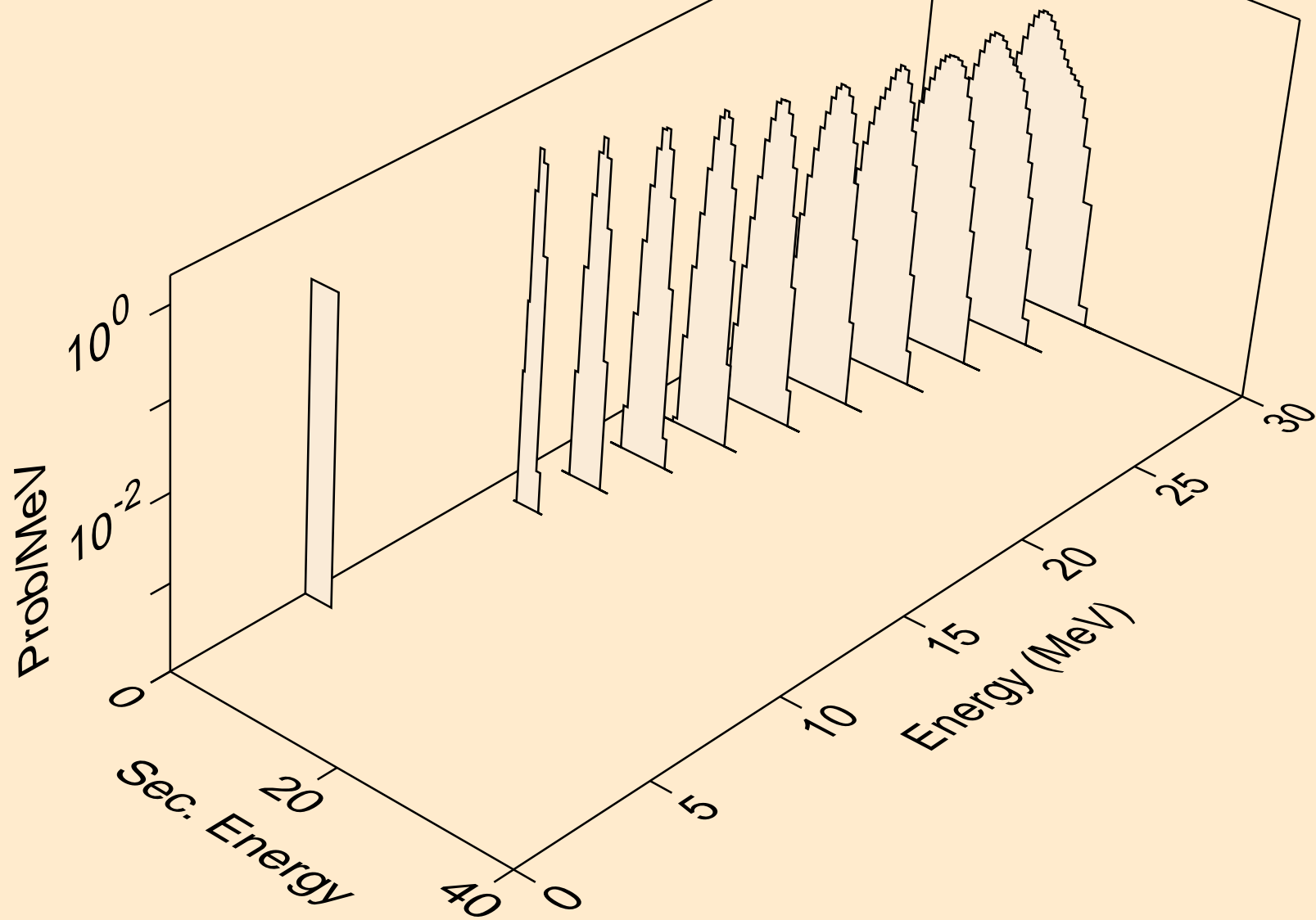
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alphas from (n,3n)a



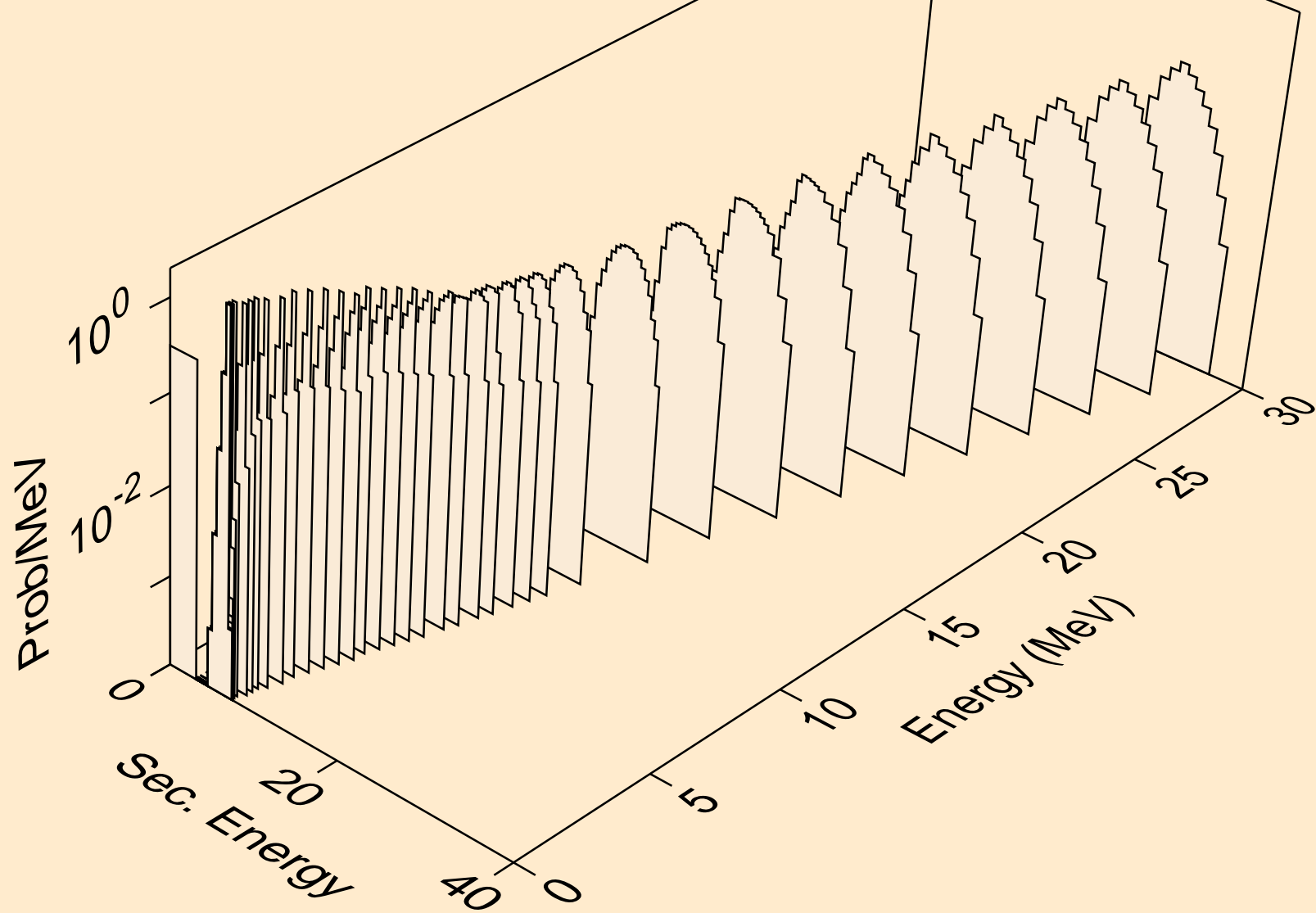
SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

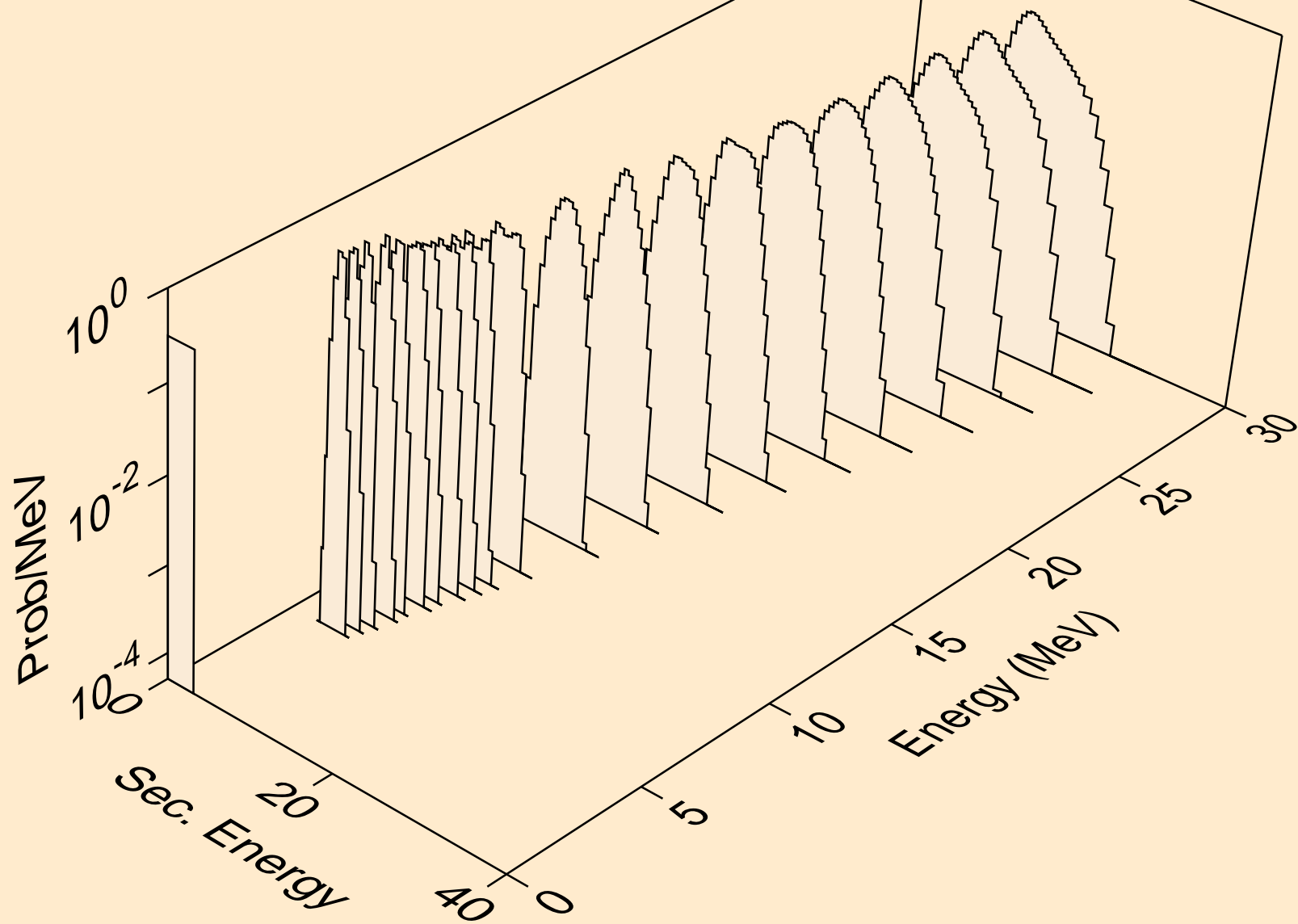


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alphas from (n,a)

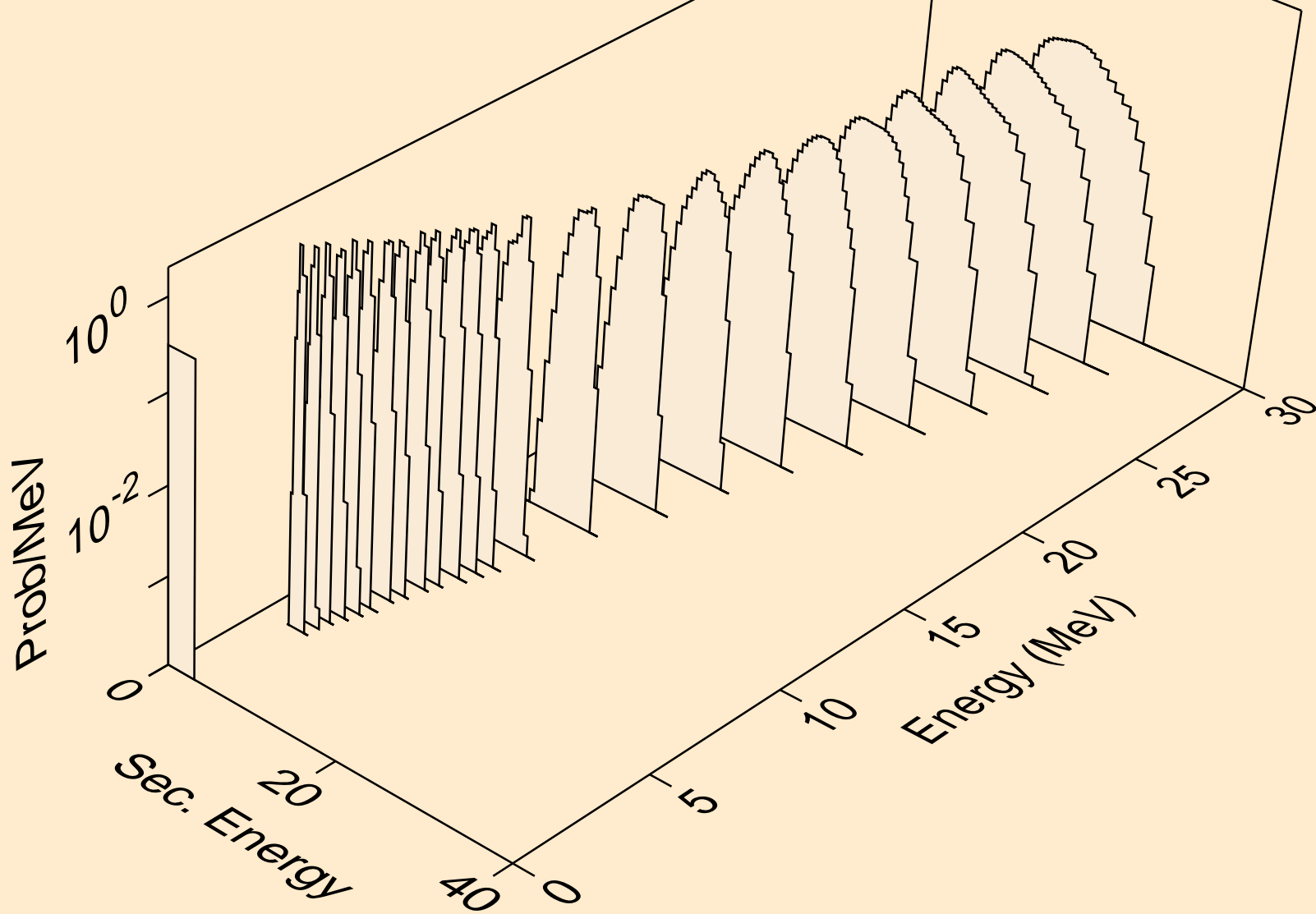




SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



SB113 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

