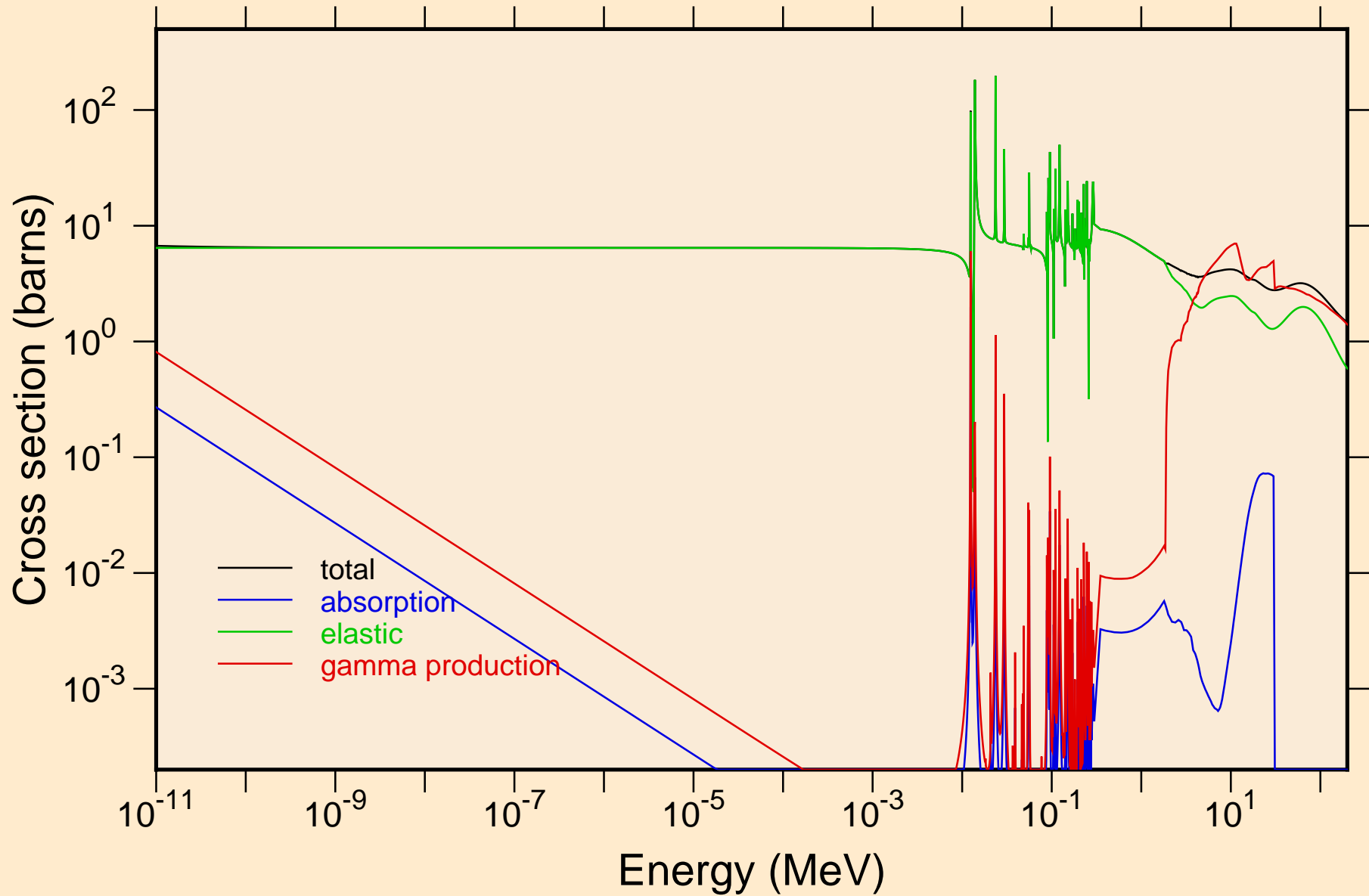
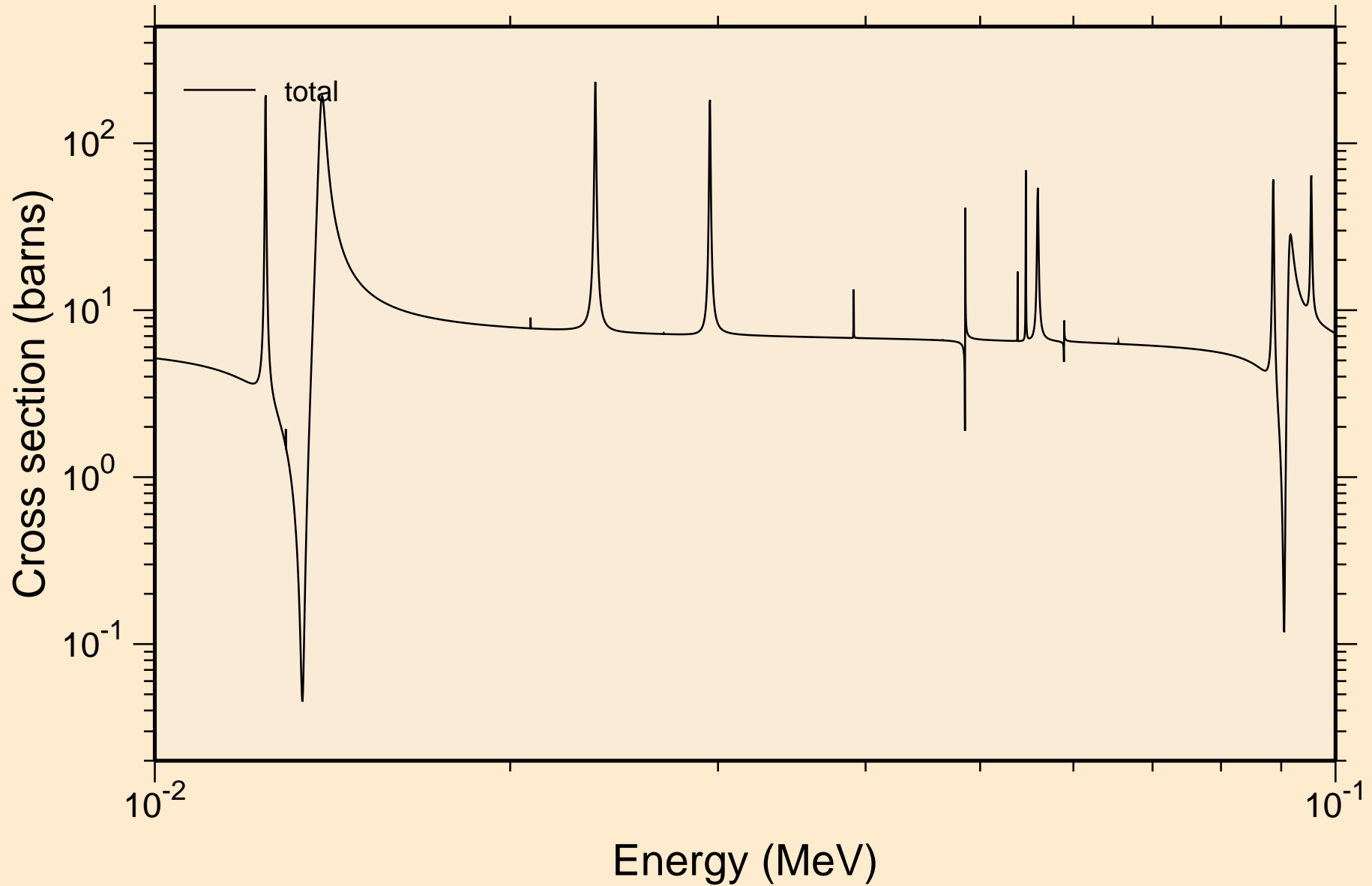


# SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

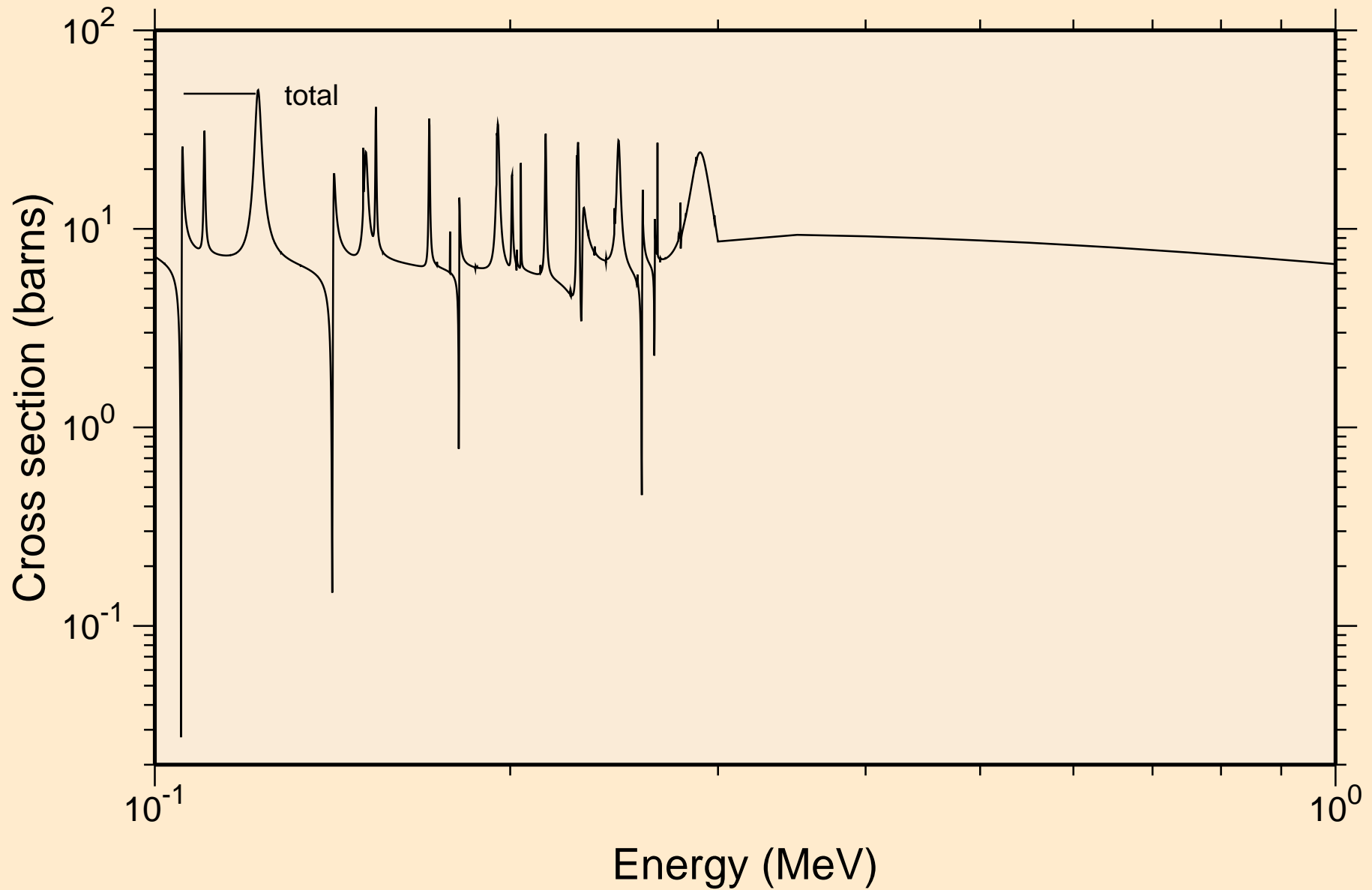
## Principal cross sections



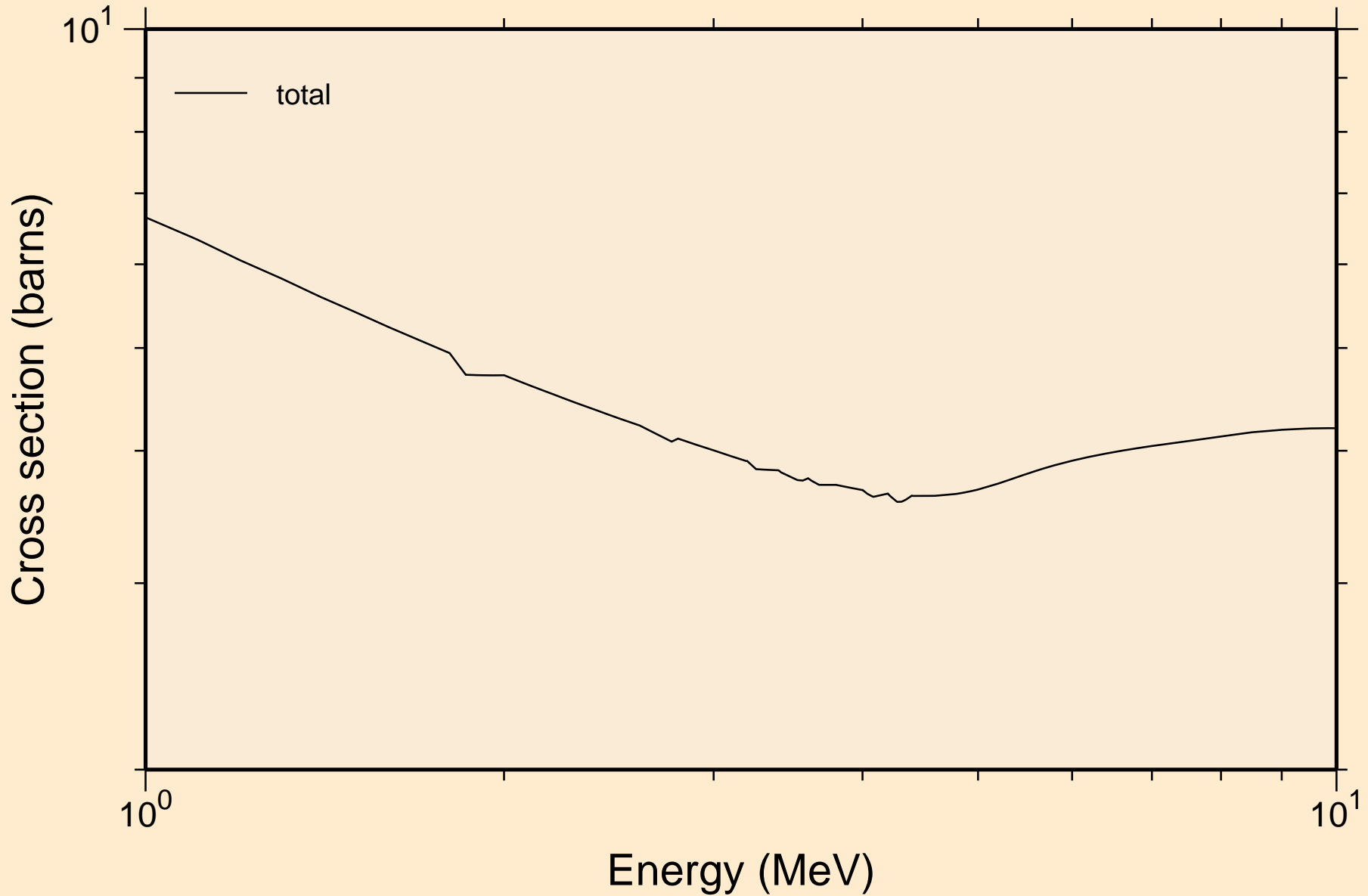
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



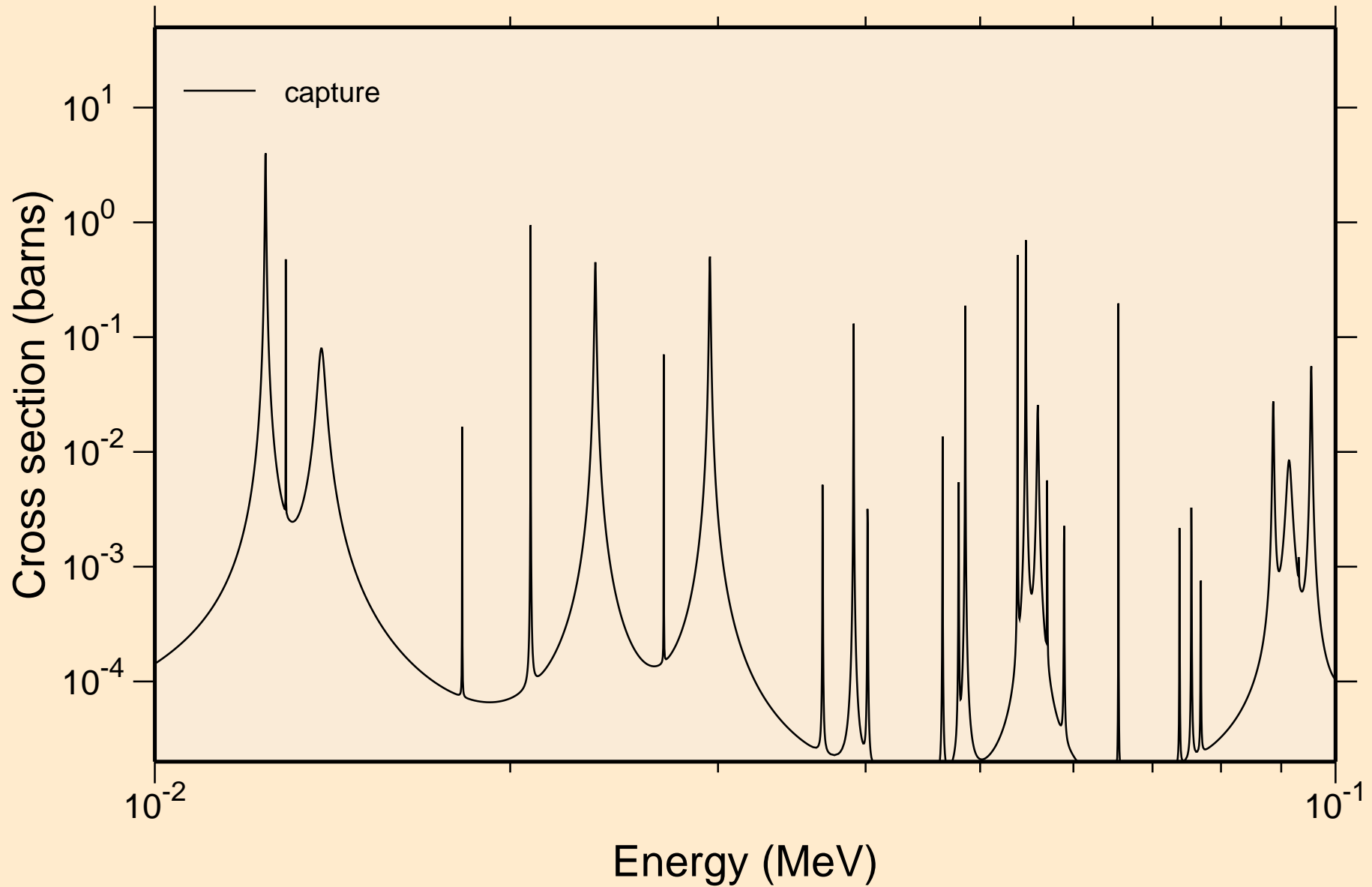
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



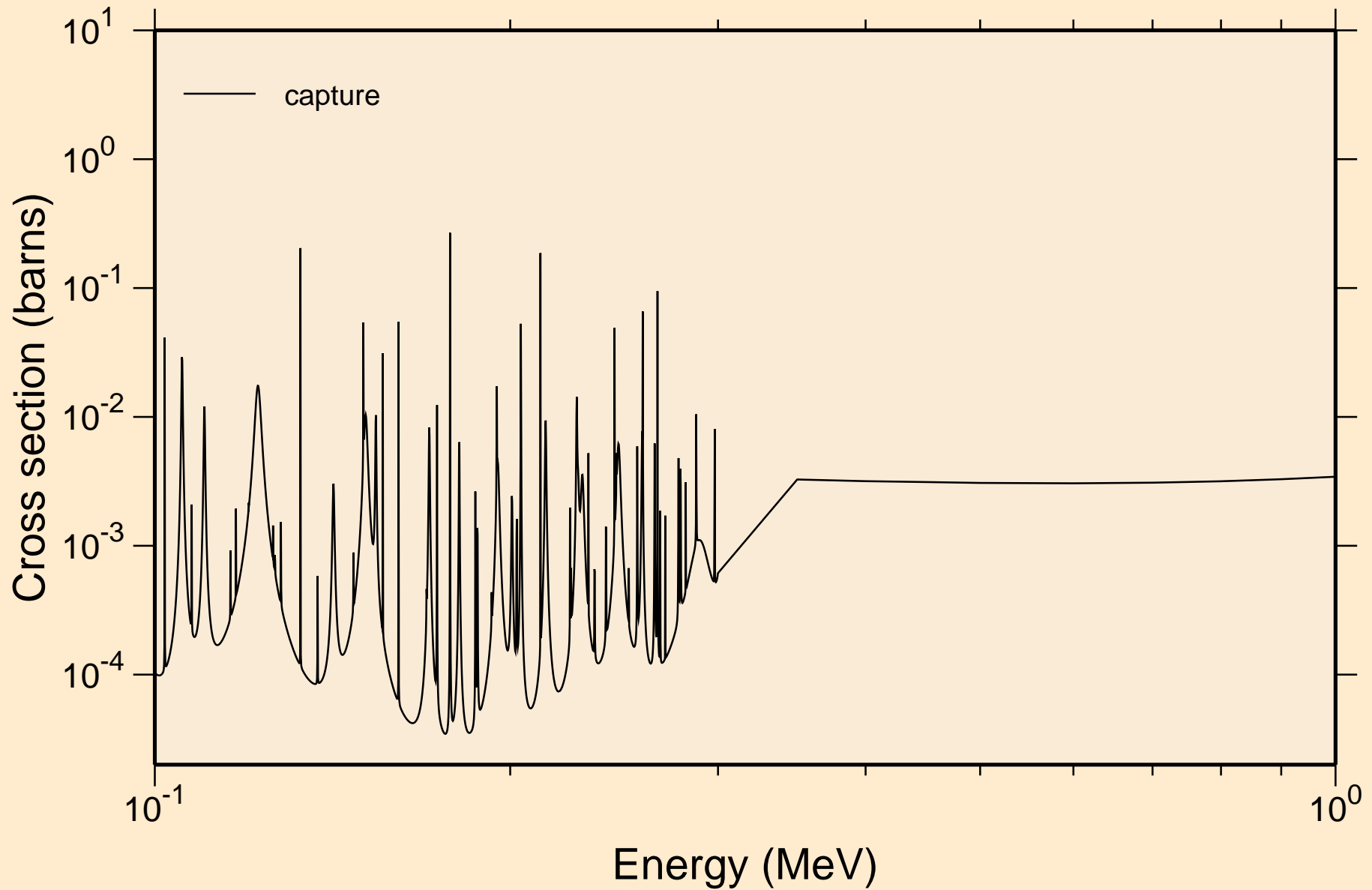
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



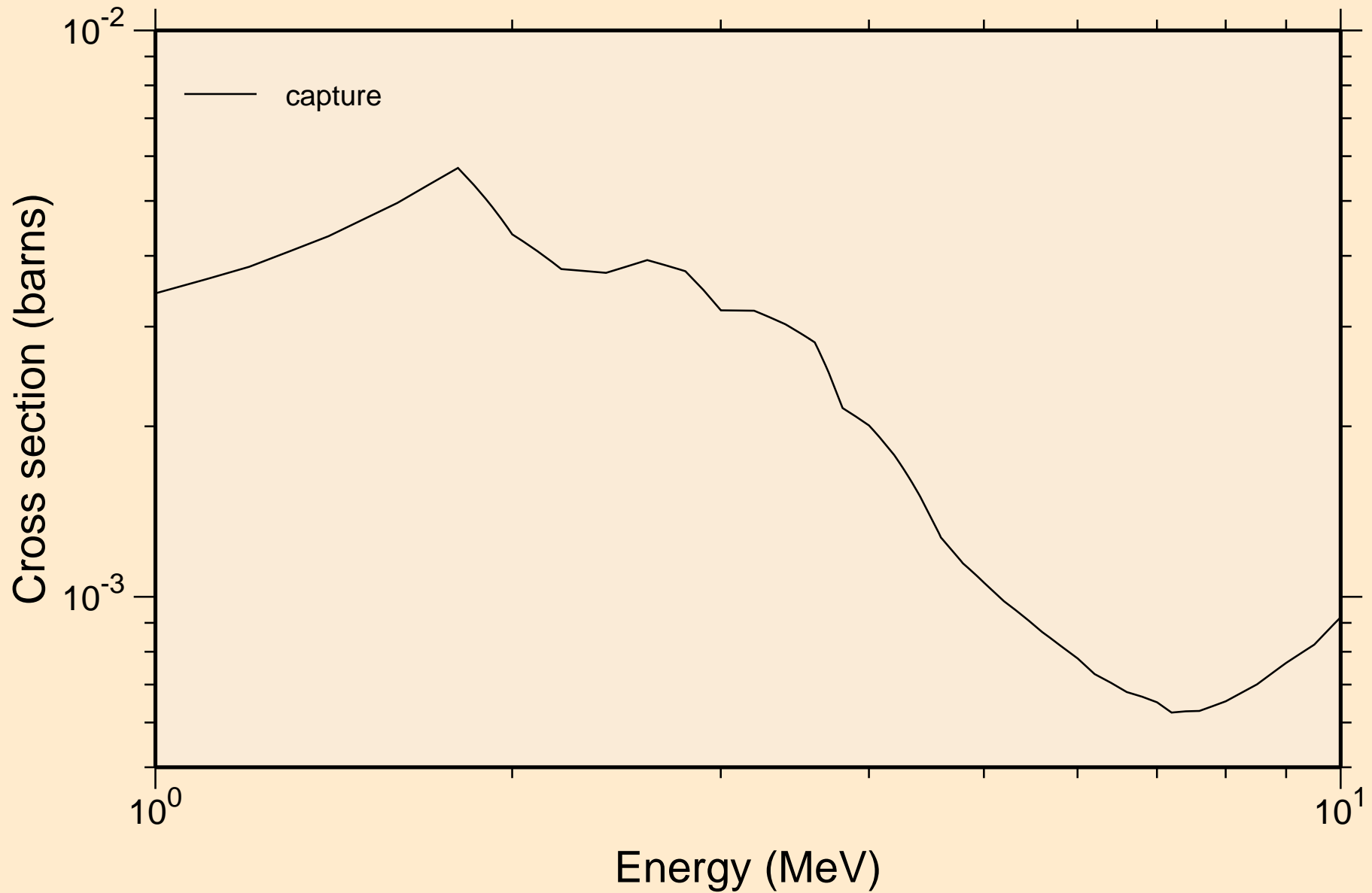
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

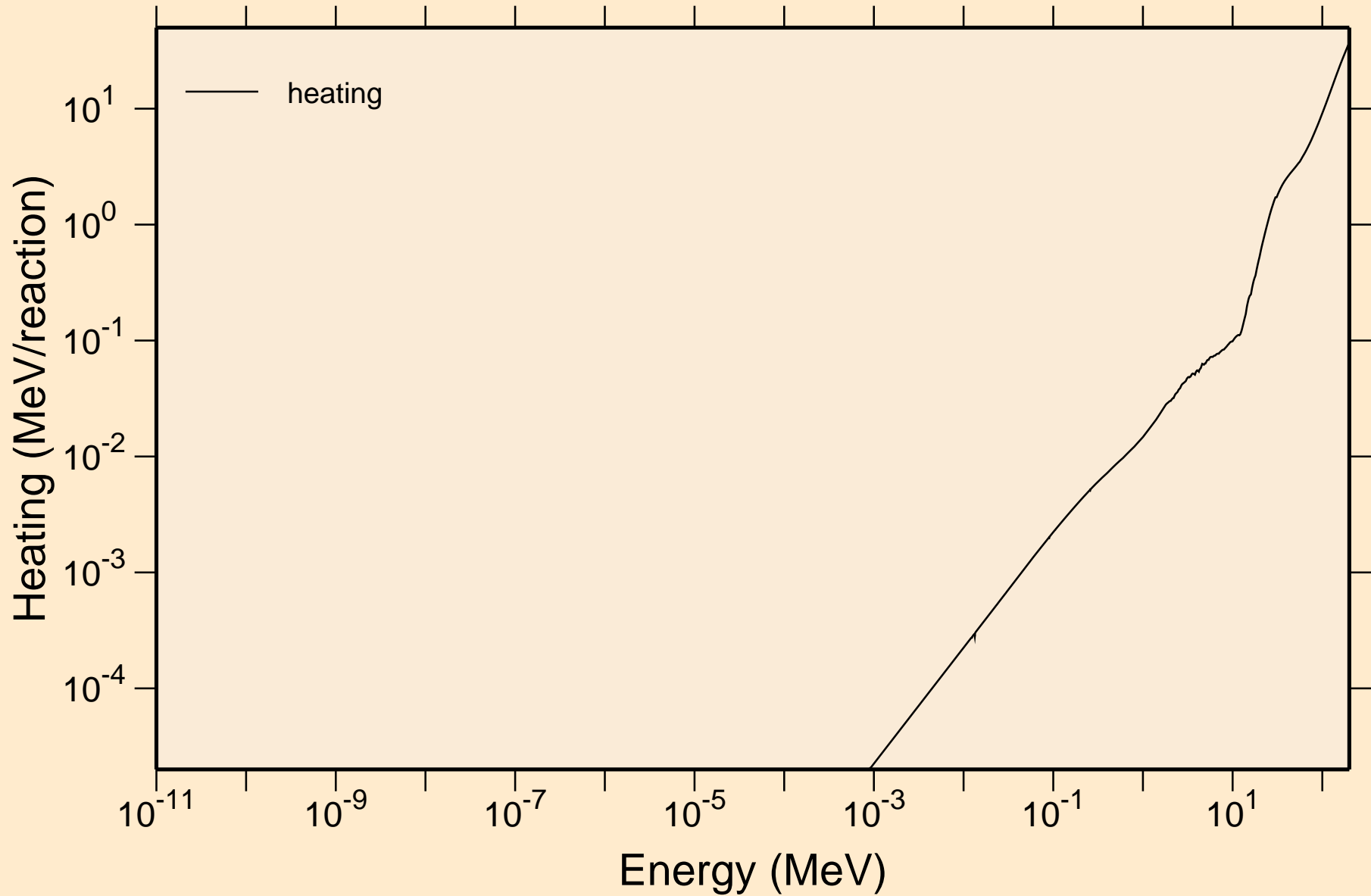


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



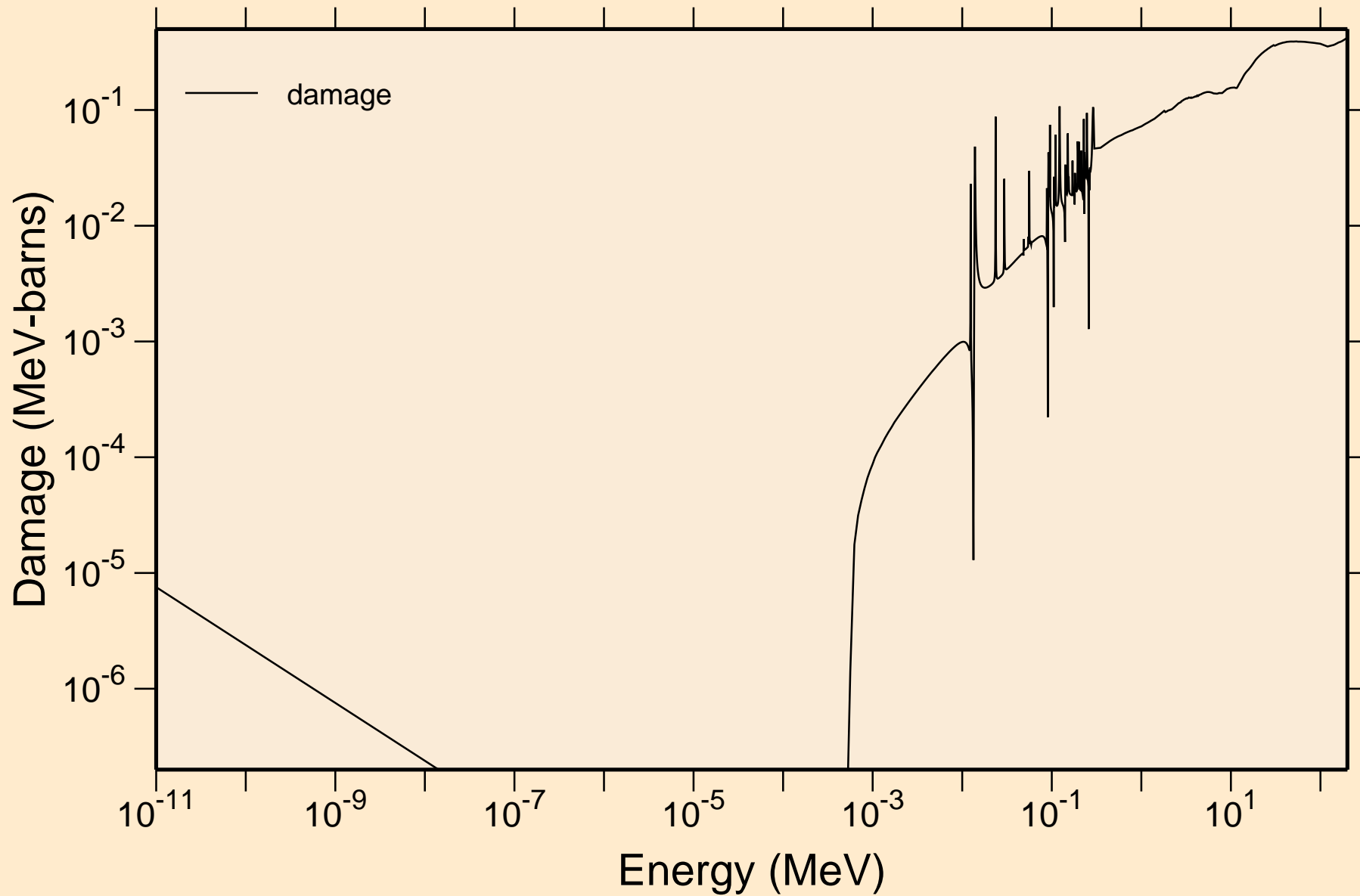
# SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

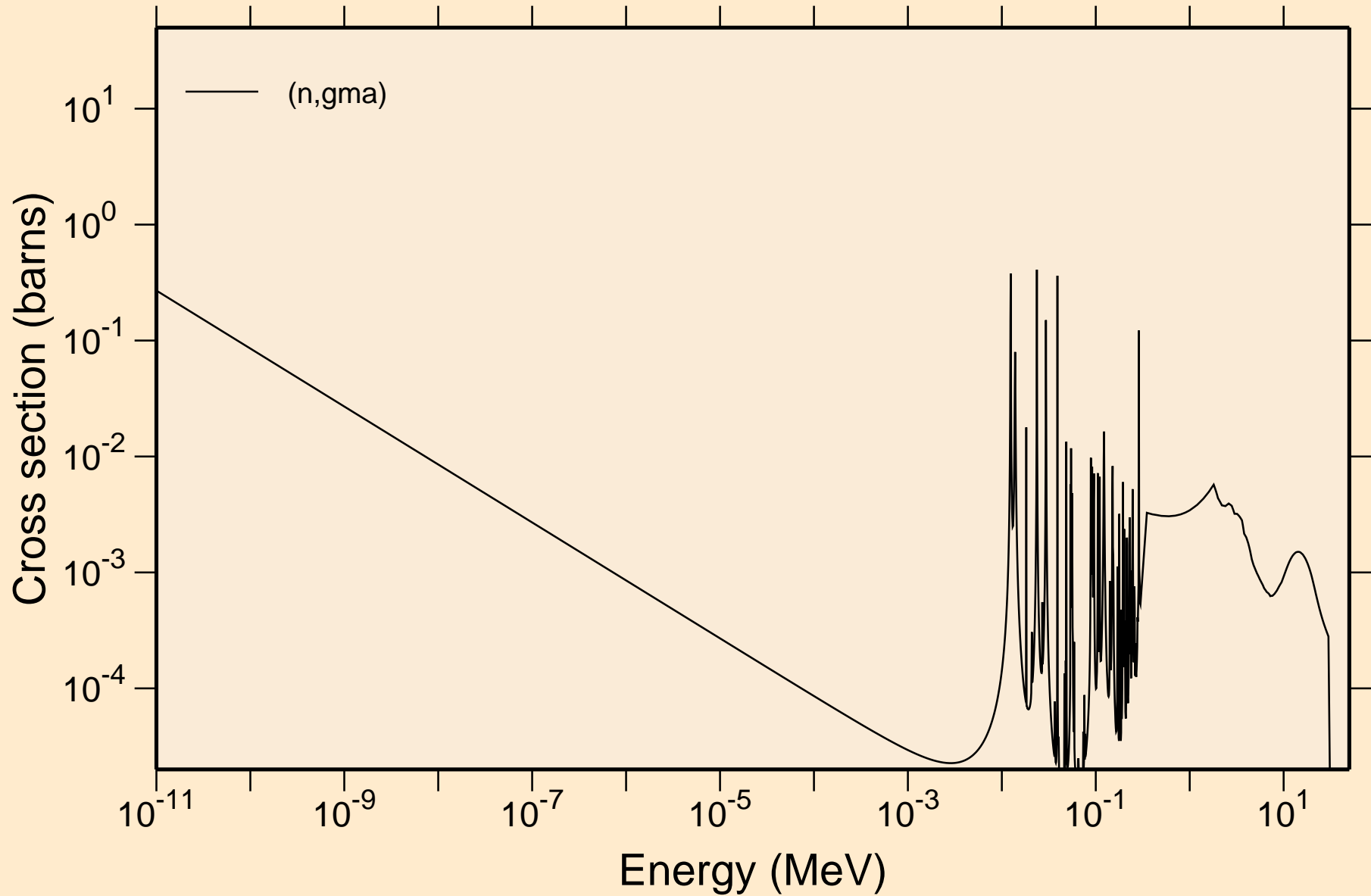




SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

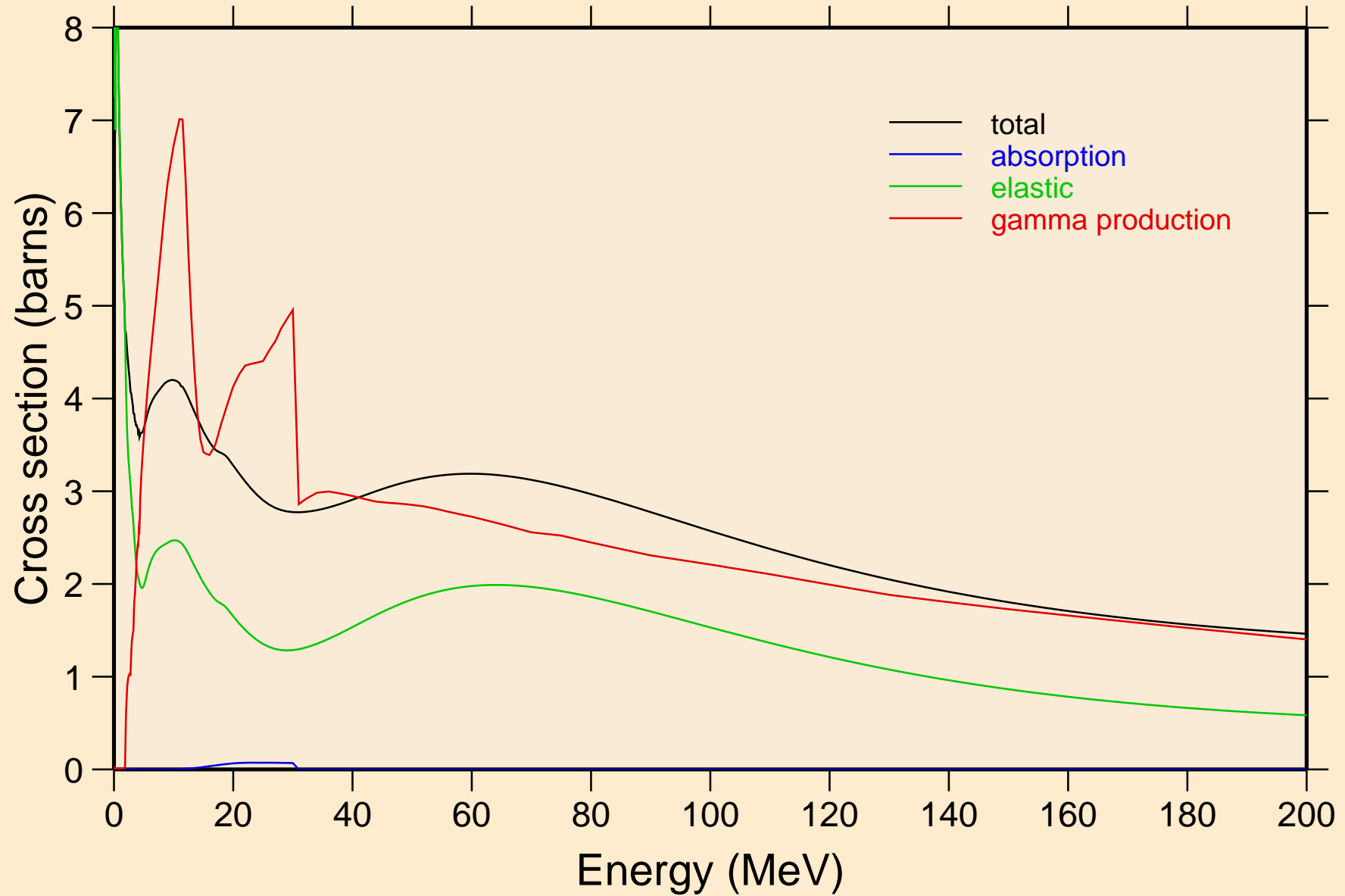


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



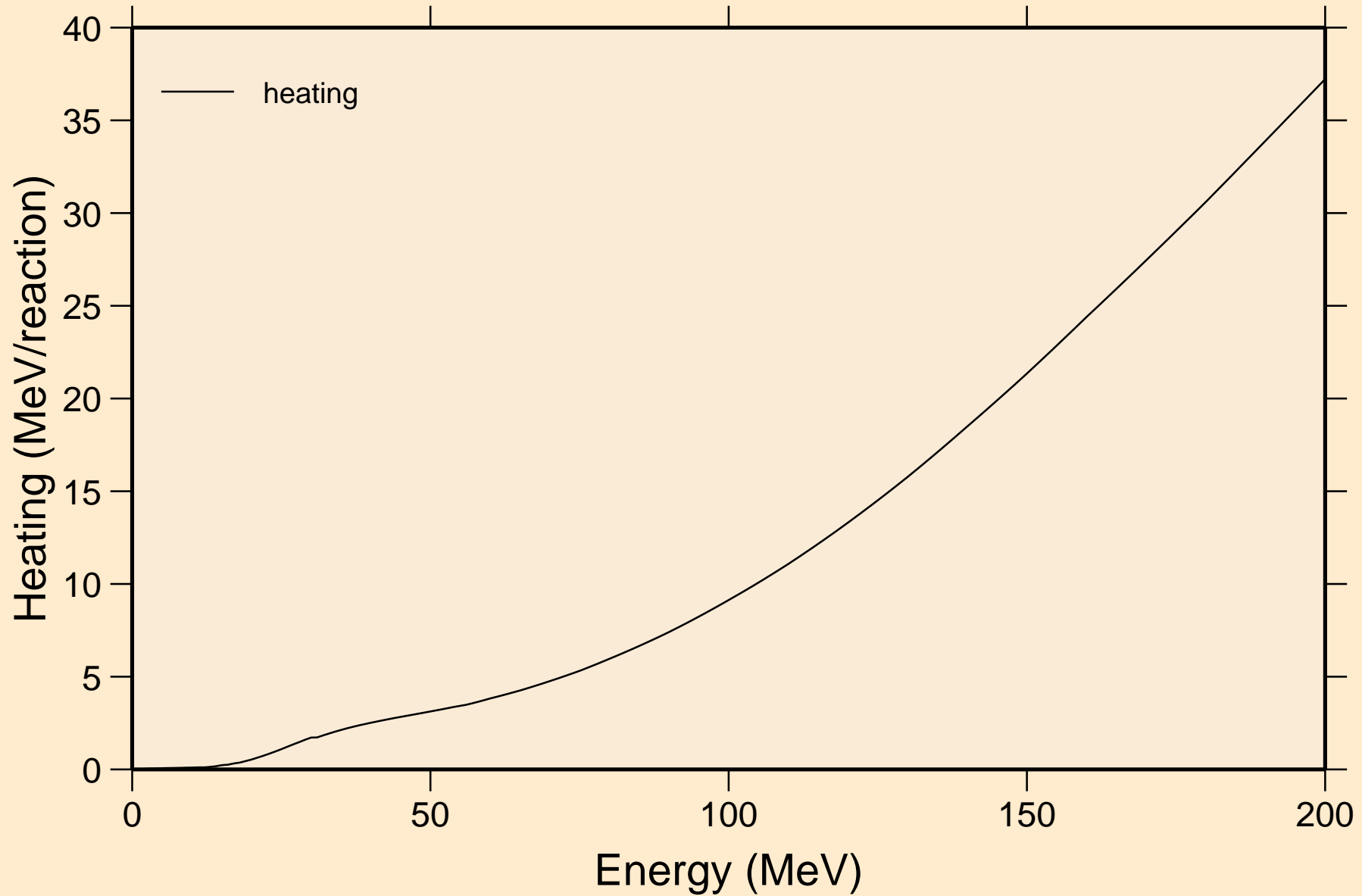
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## Principal cross sections



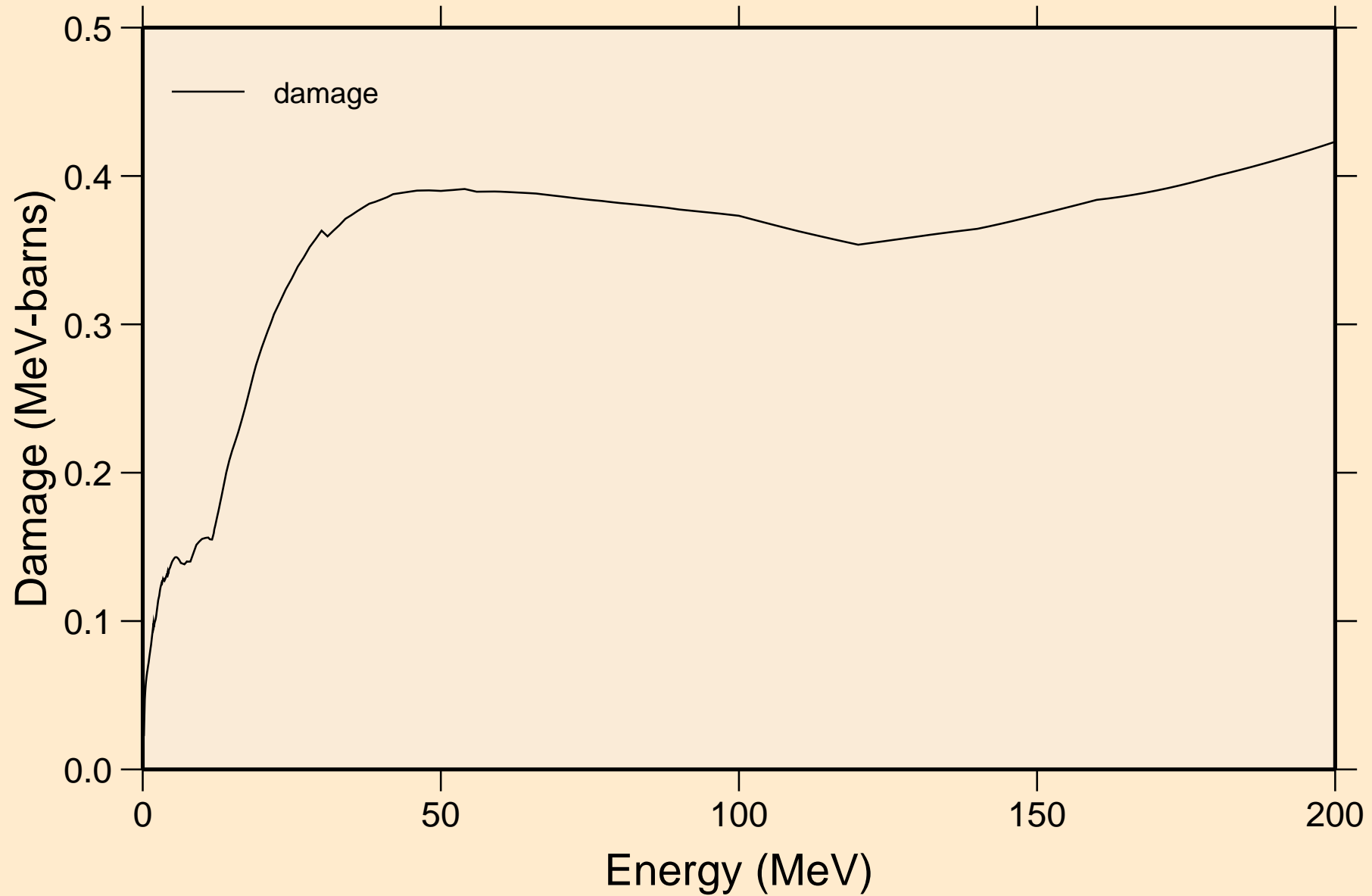
# SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

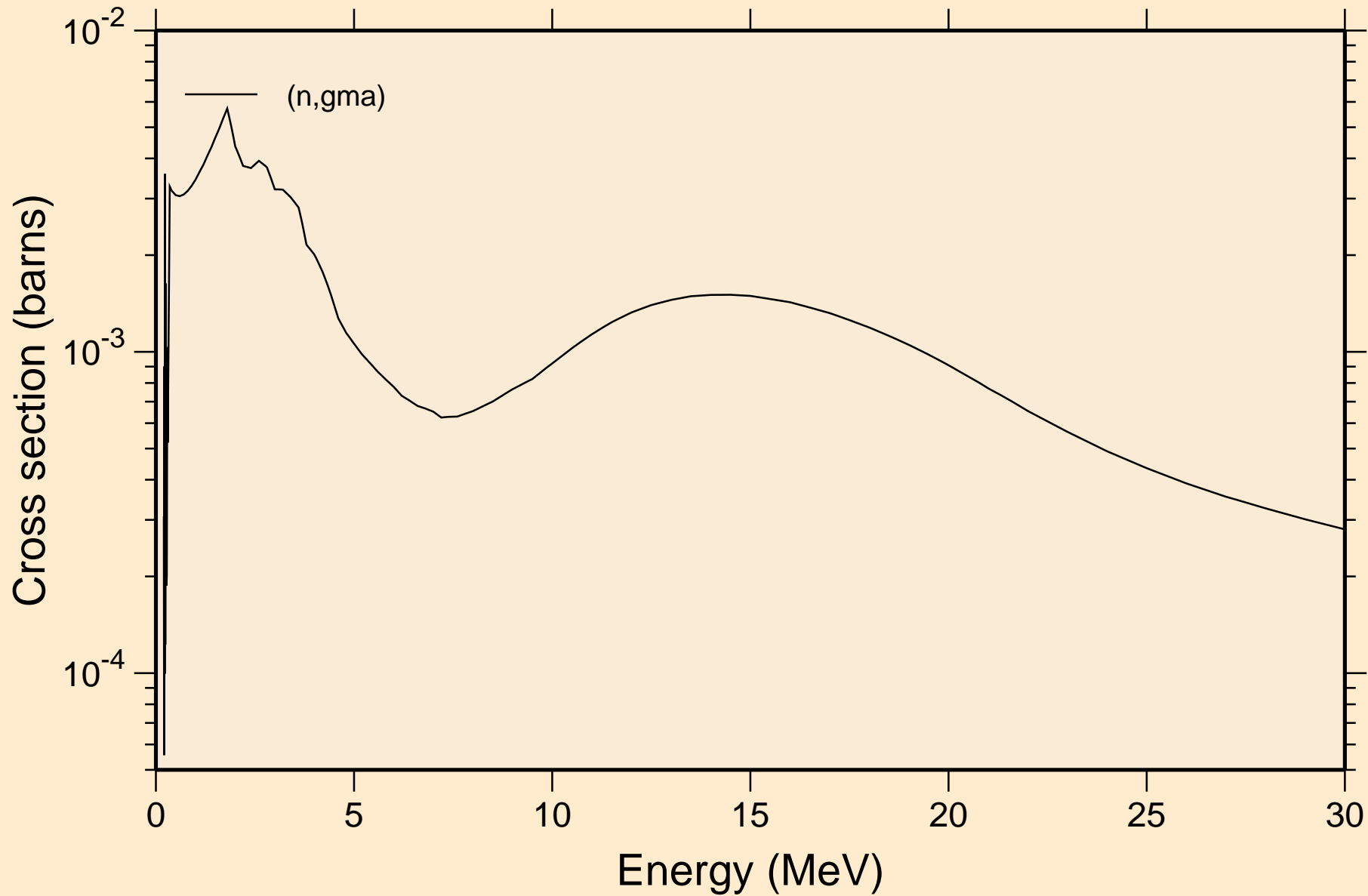


# SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

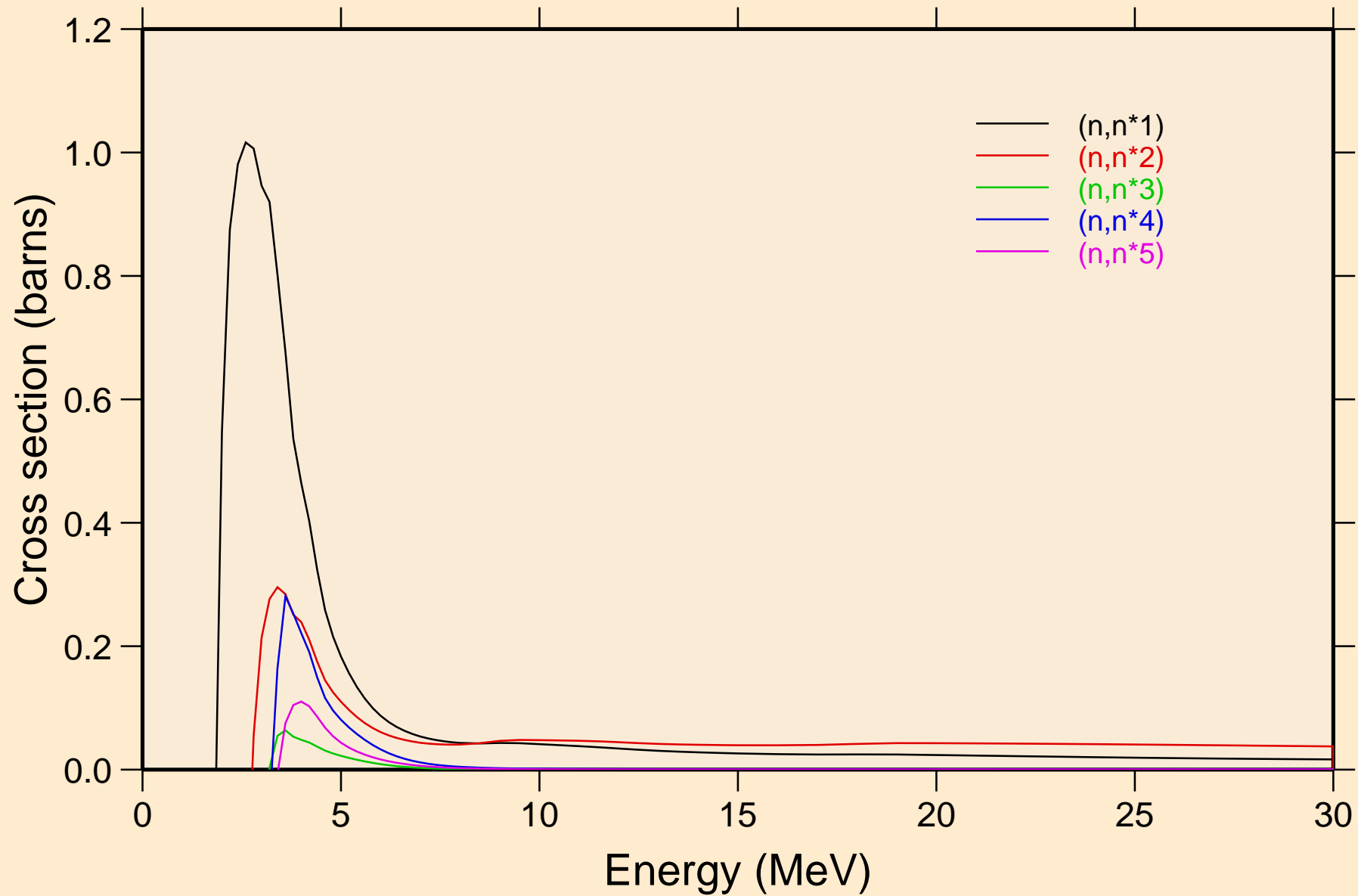
## Damage



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

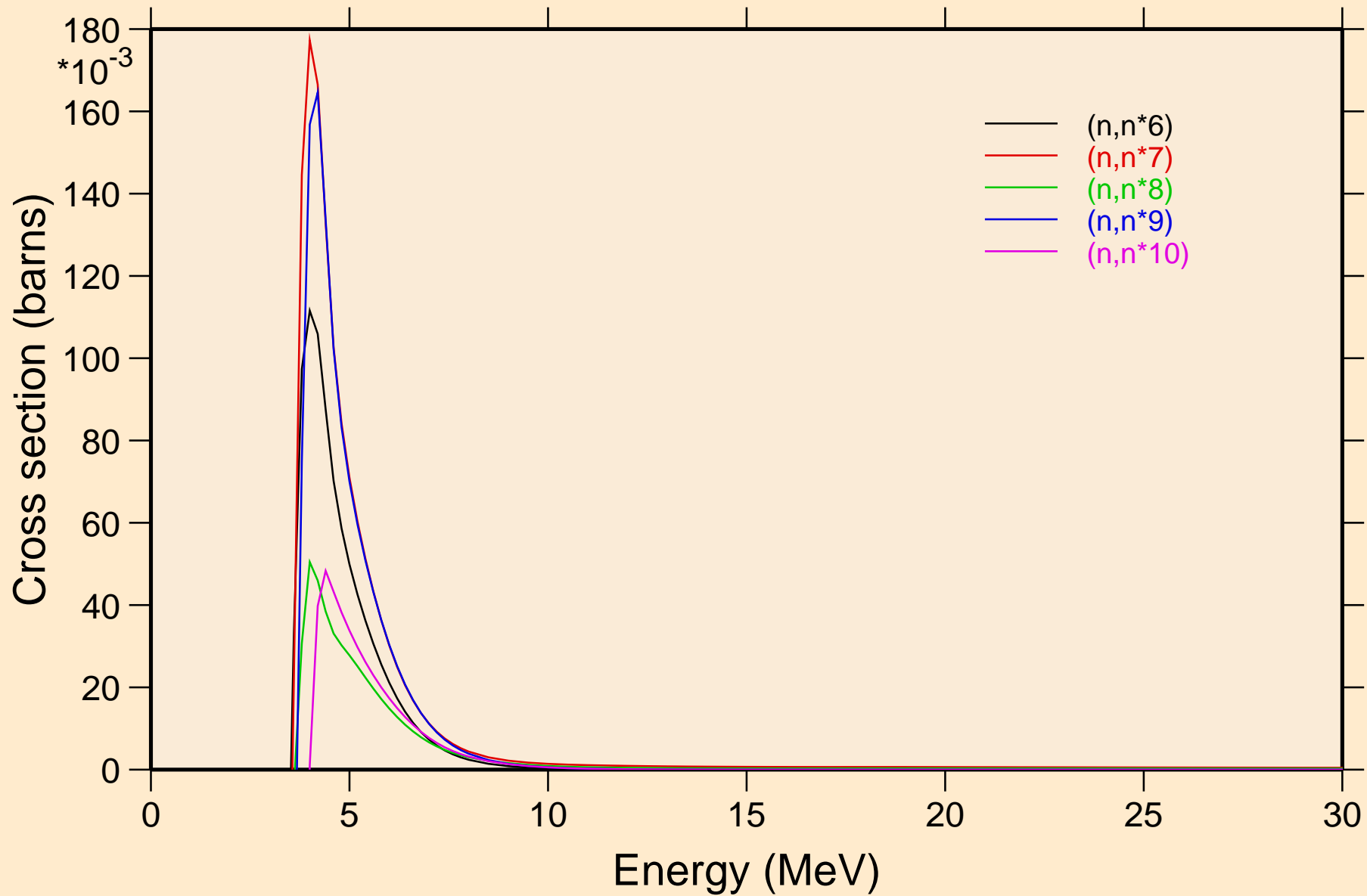


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



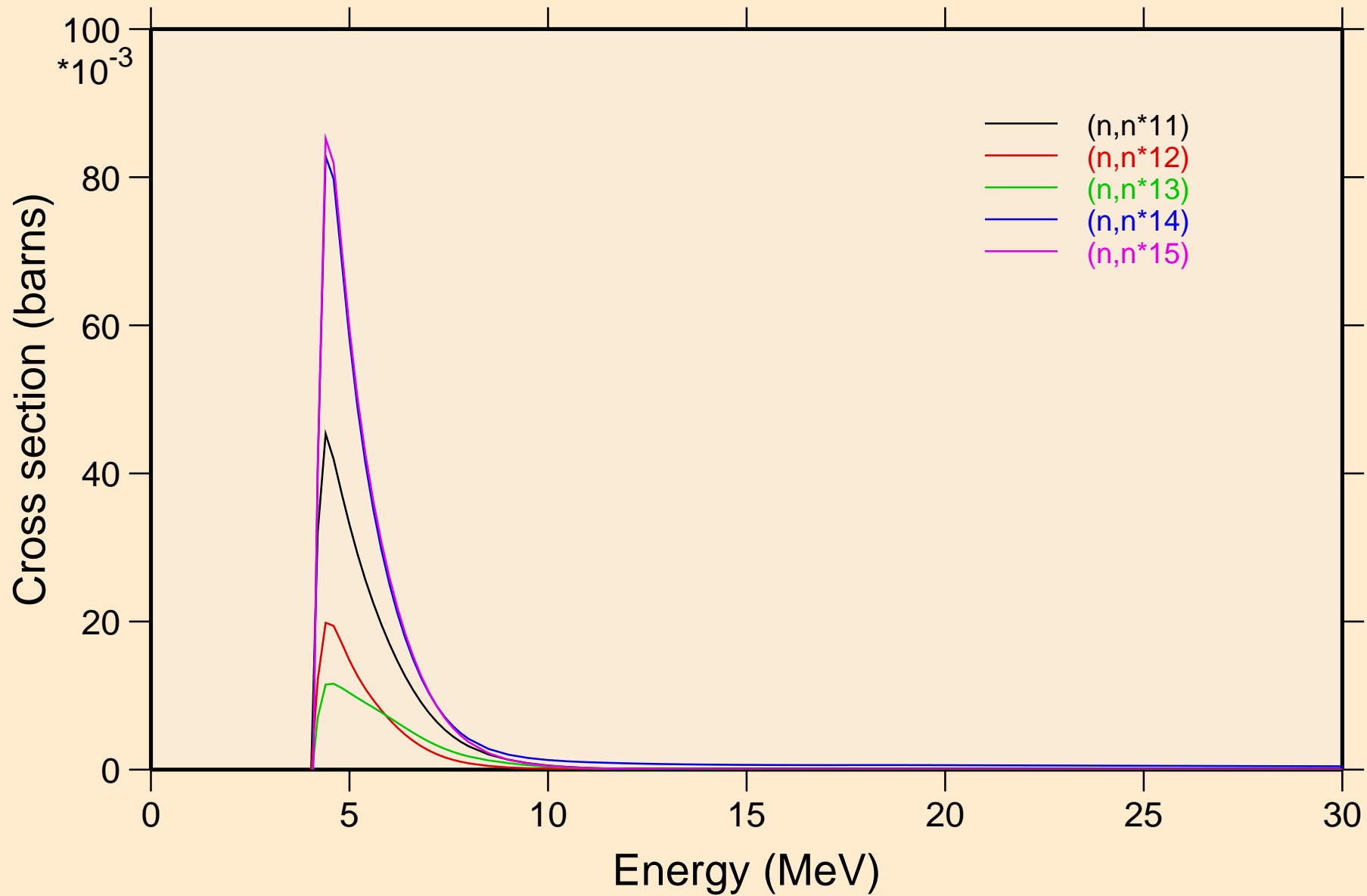
# SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

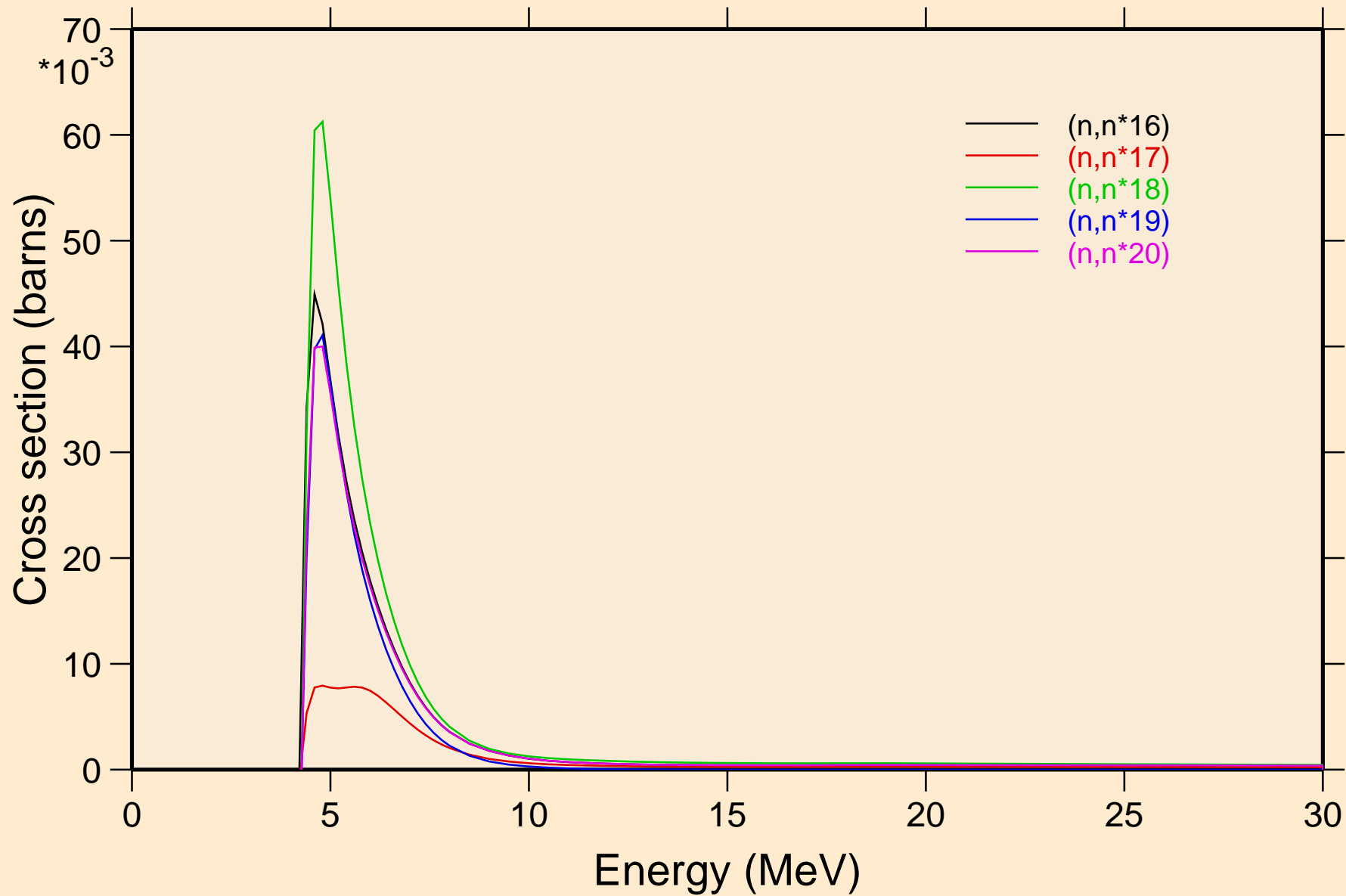




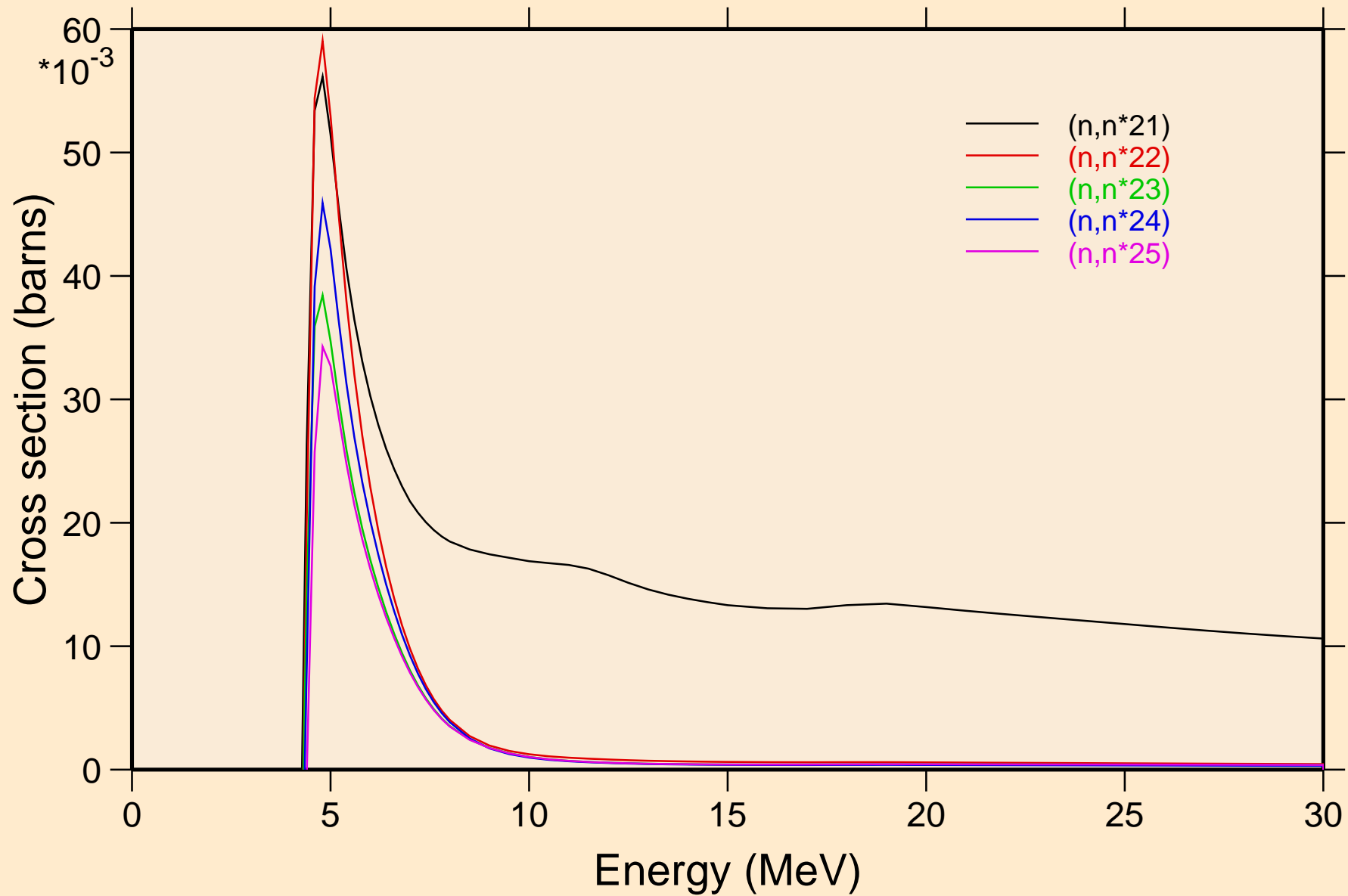
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



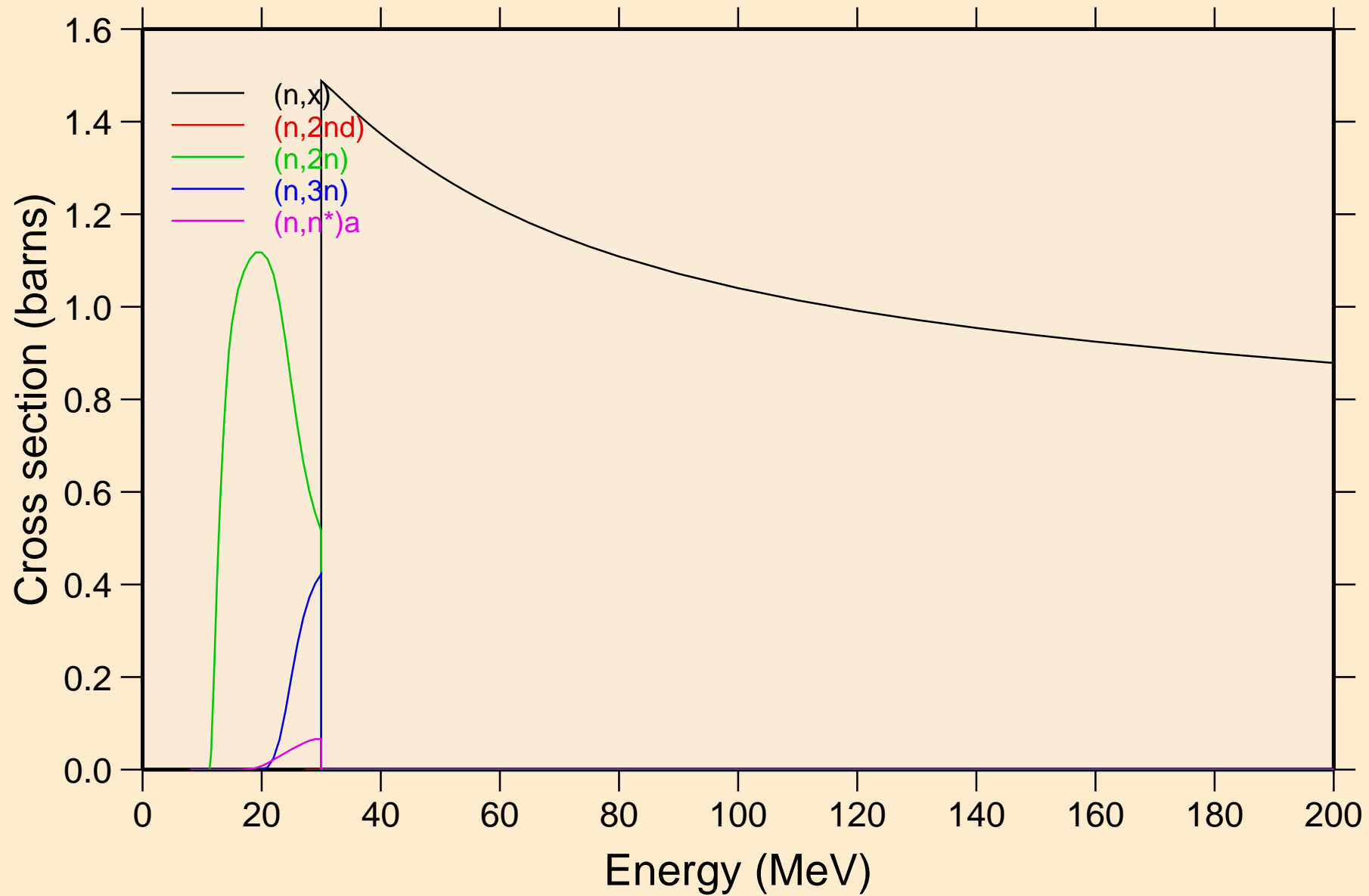
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



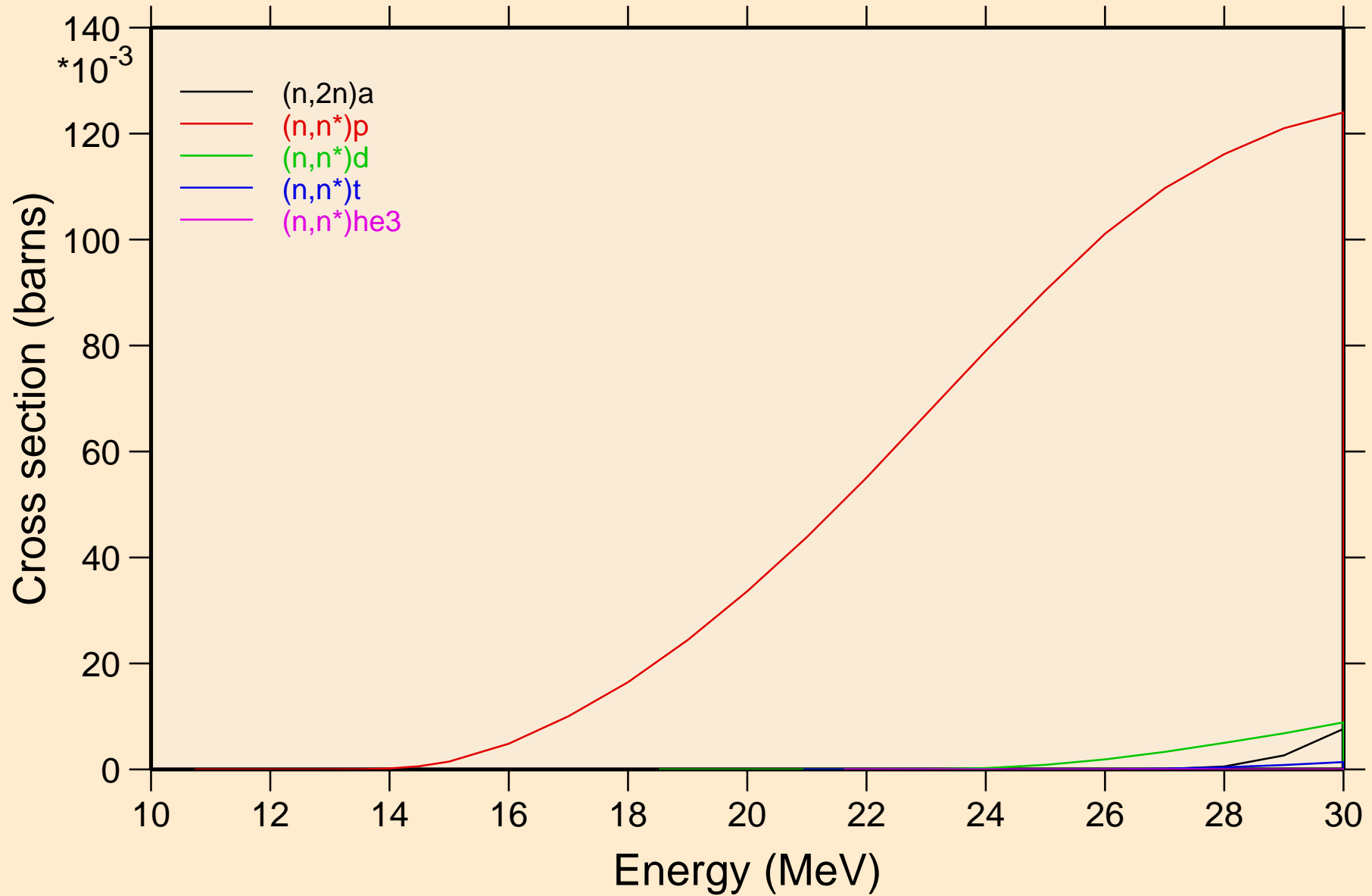
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Inelastic levels



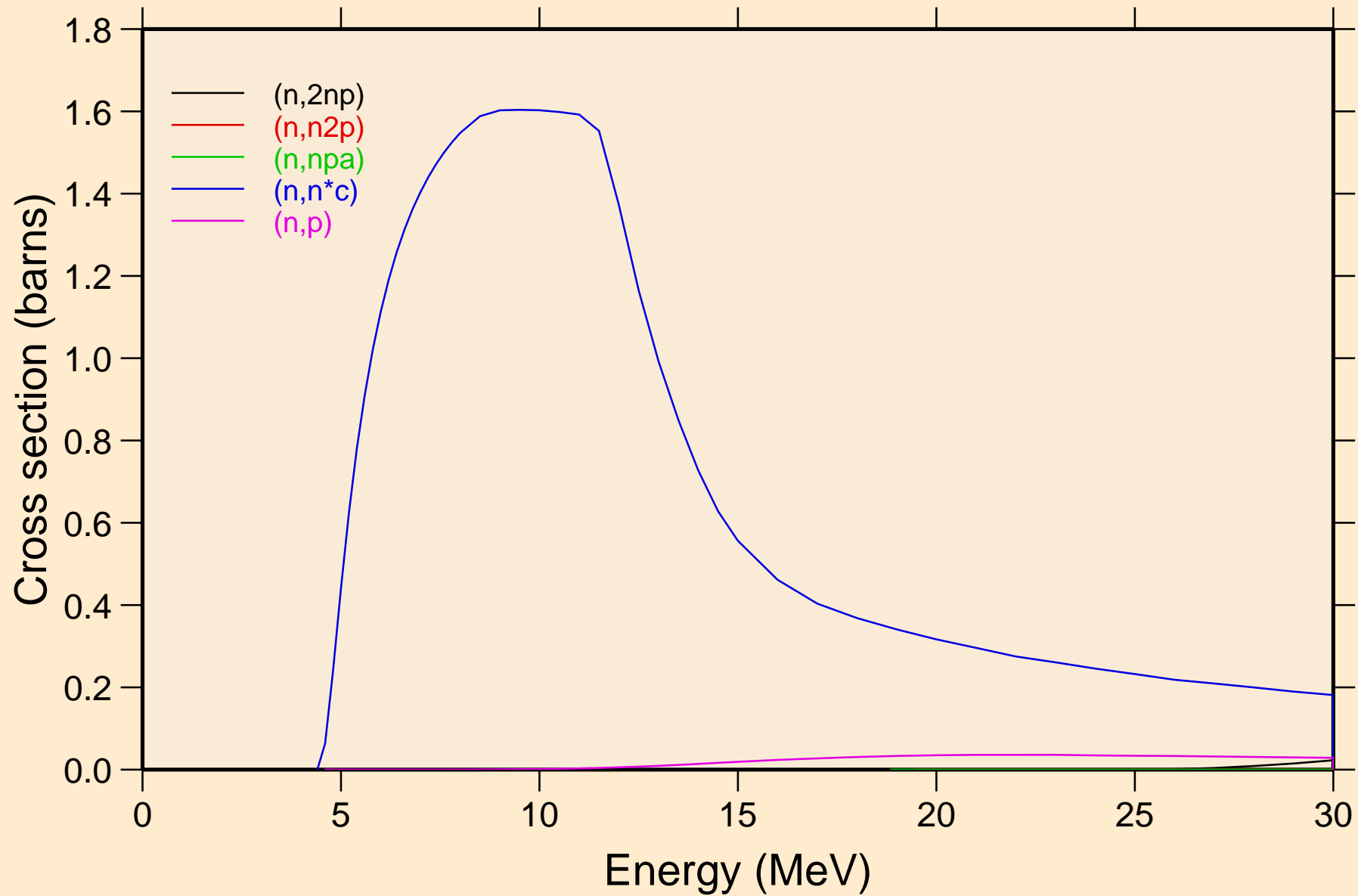
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



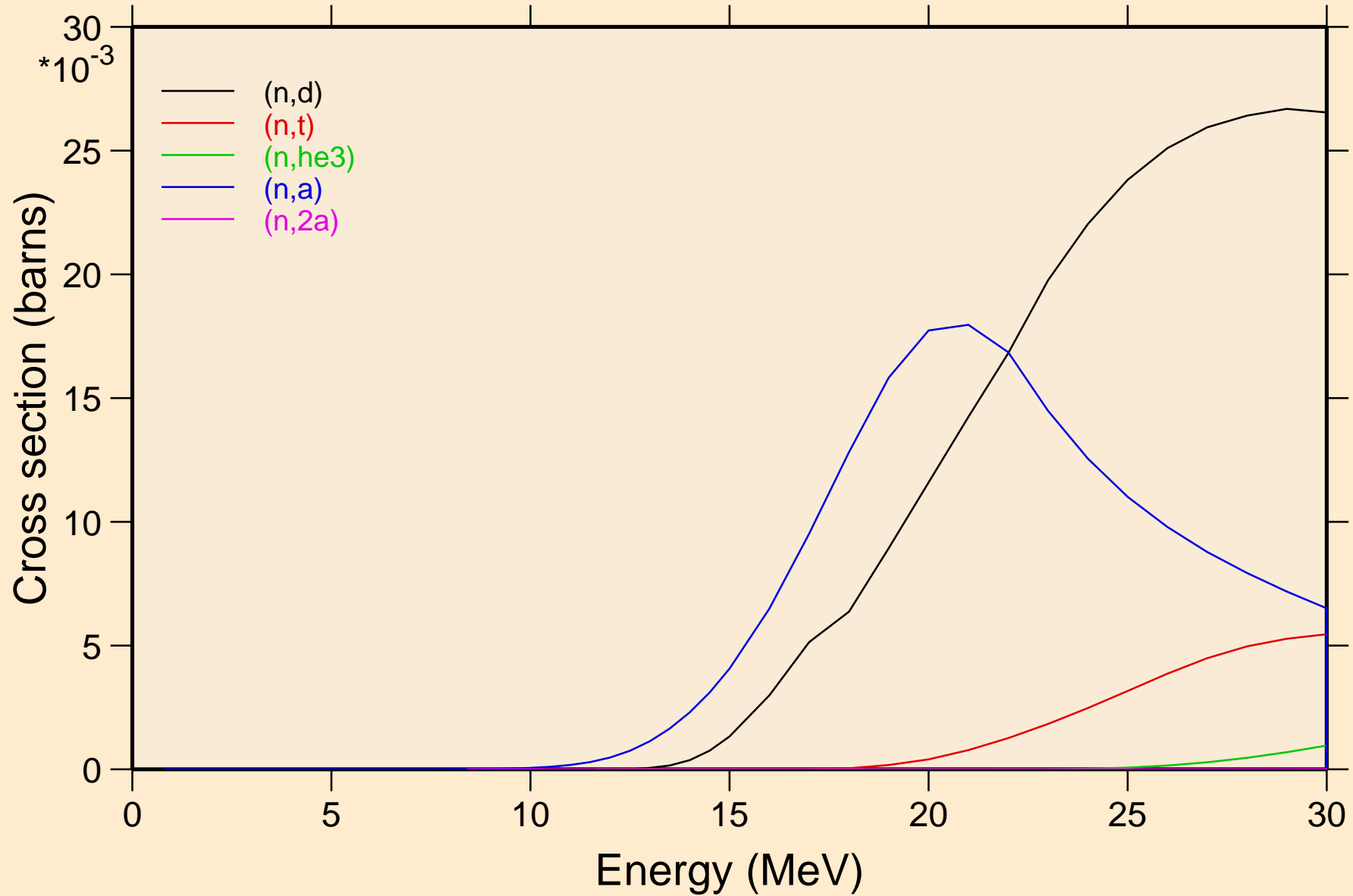
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



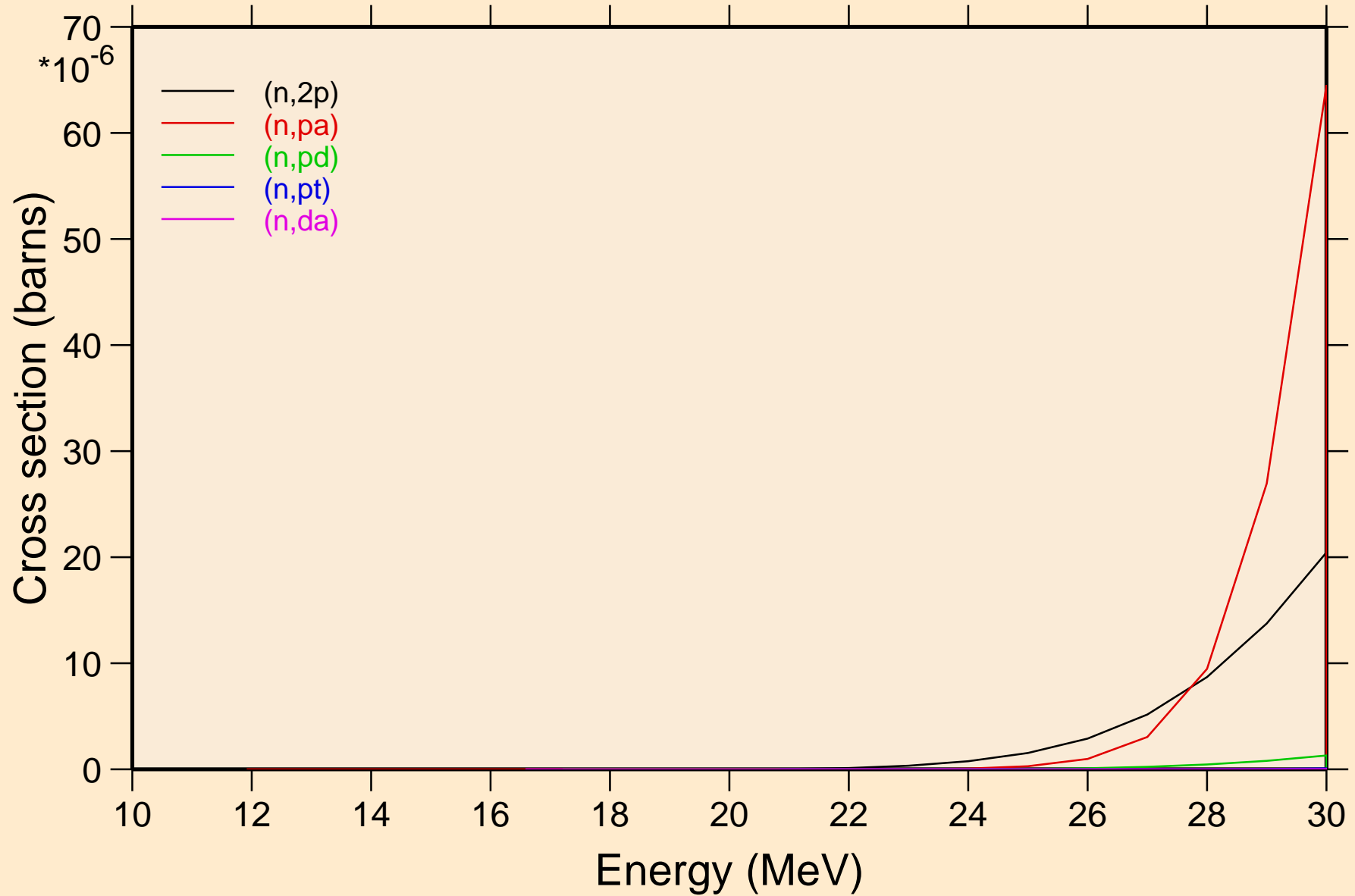
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



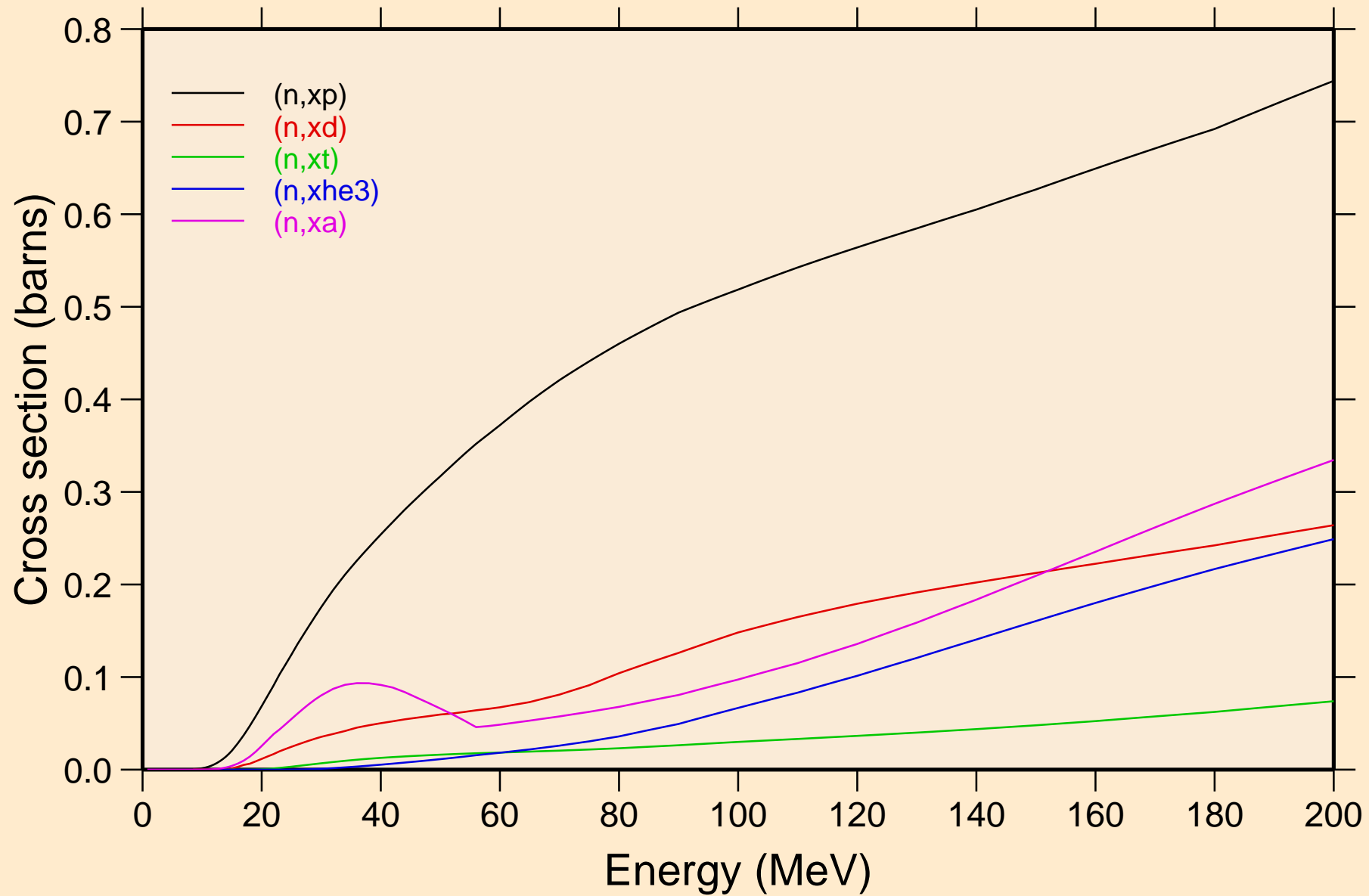
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



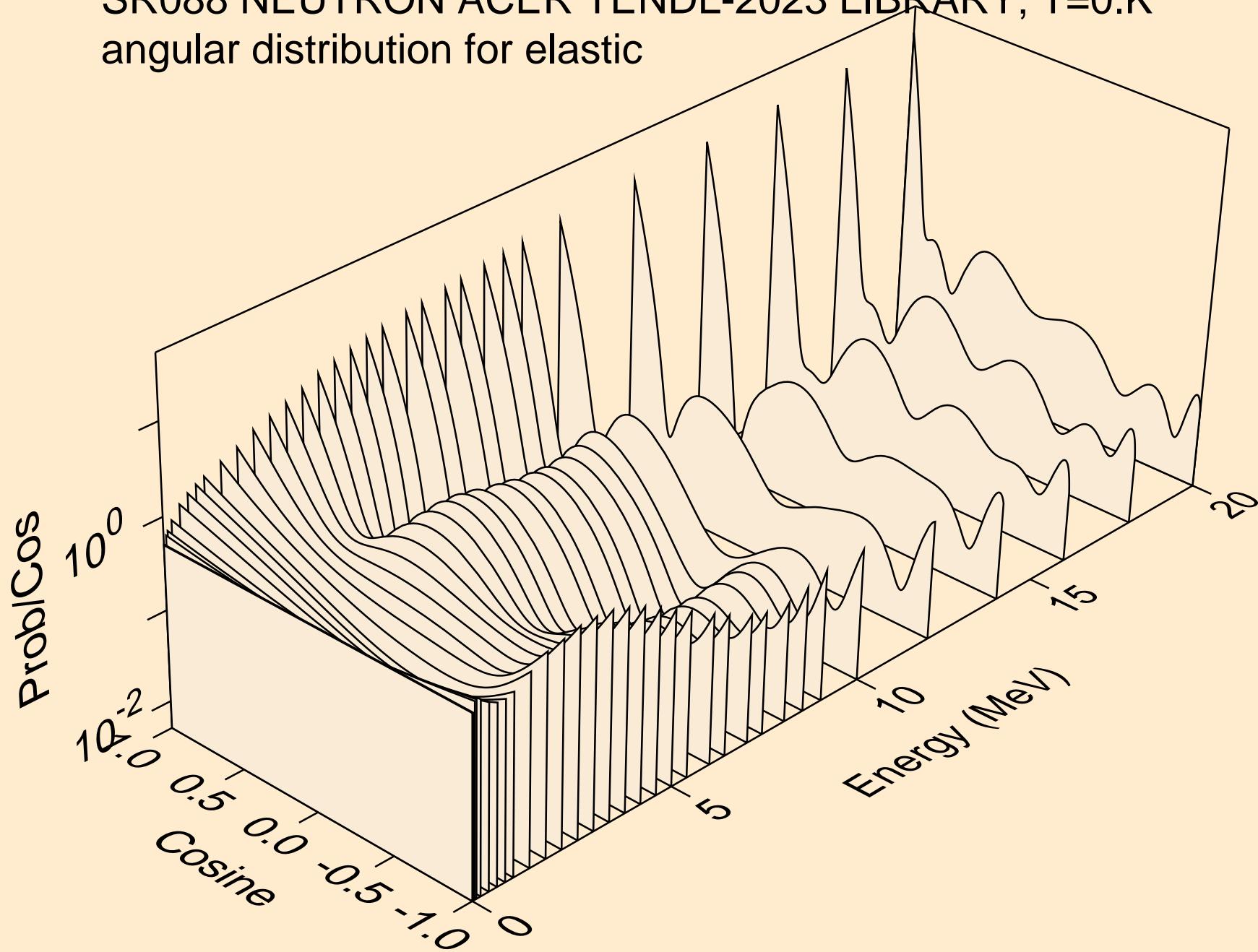


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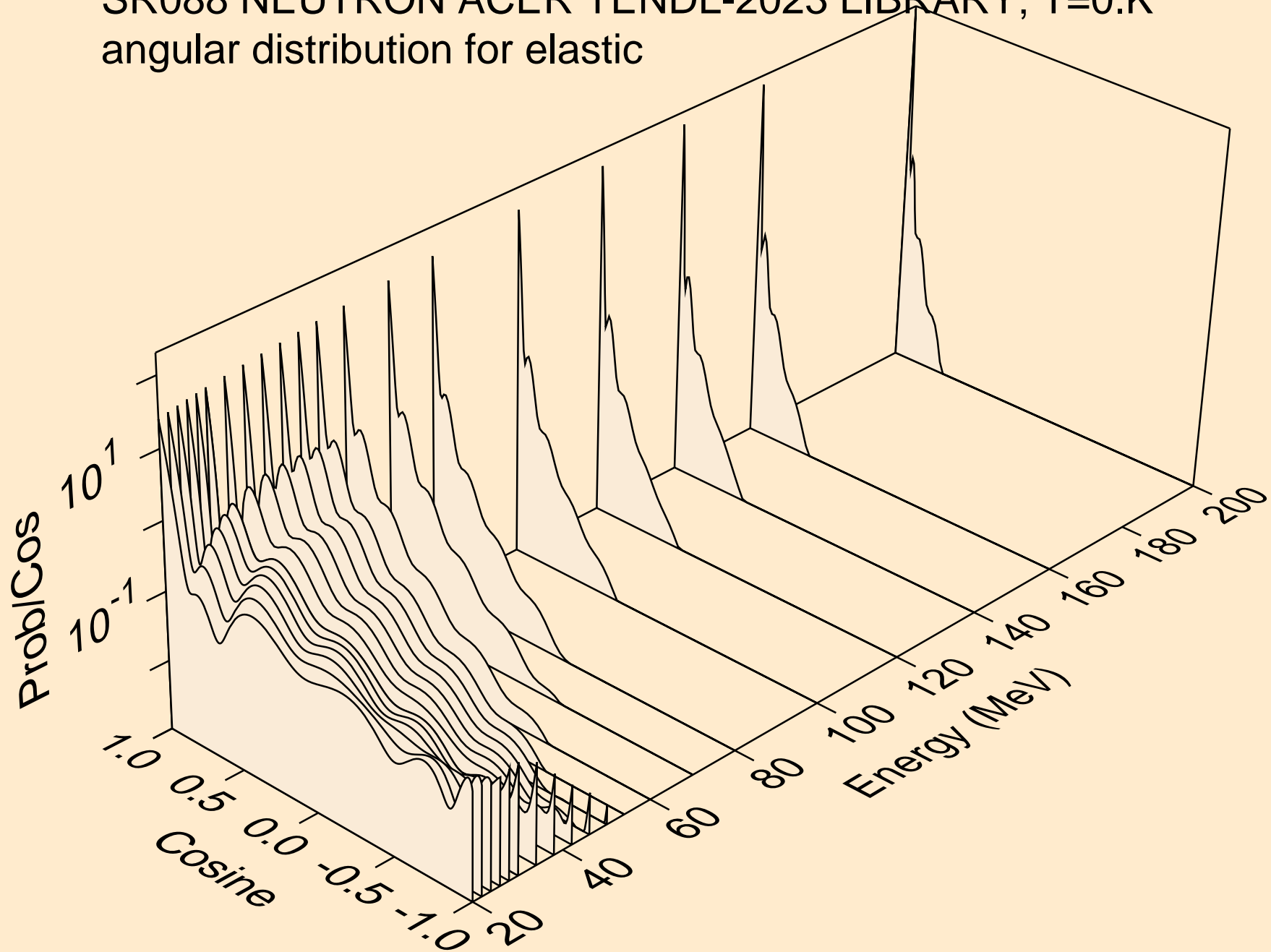
## Threshold reactions



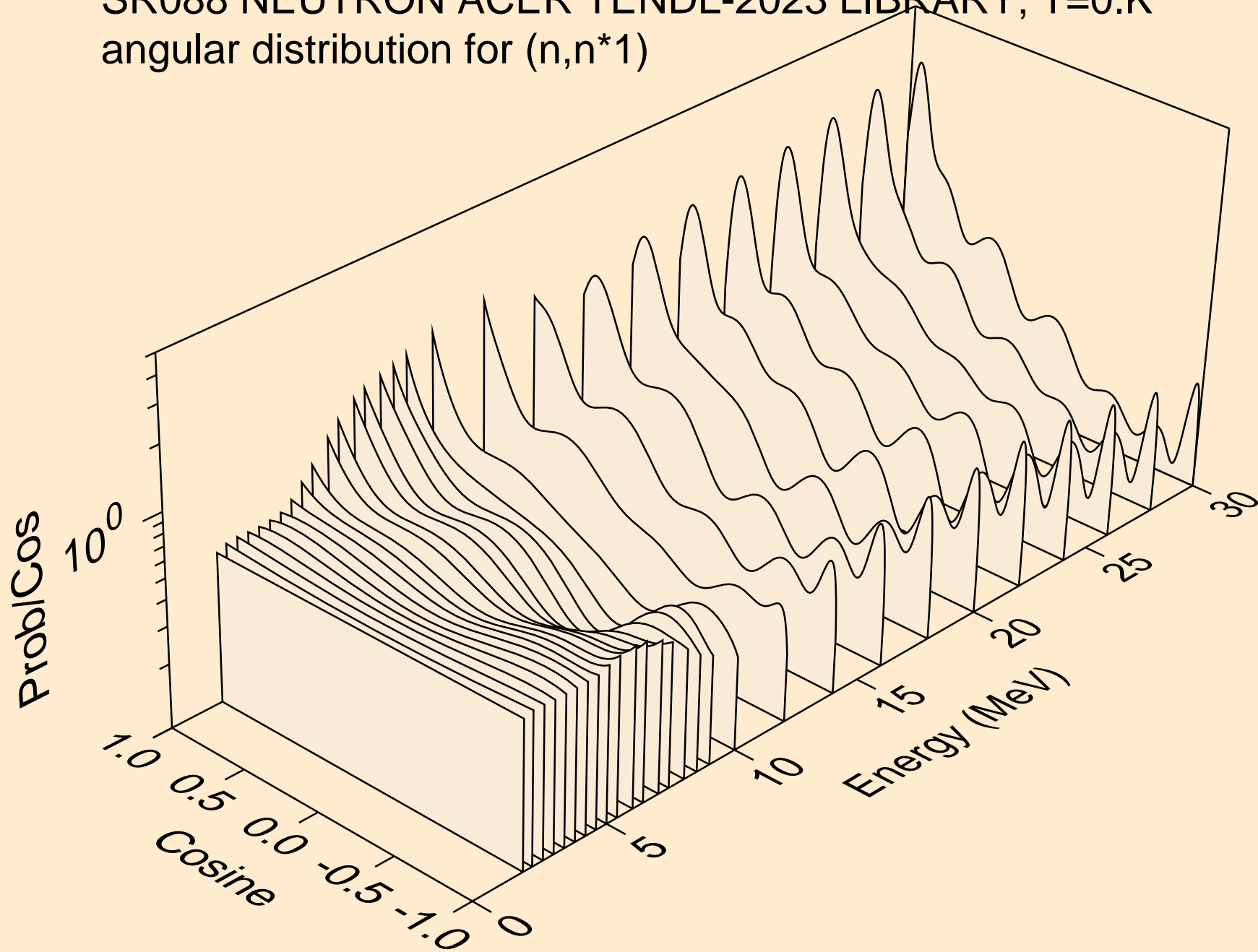
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



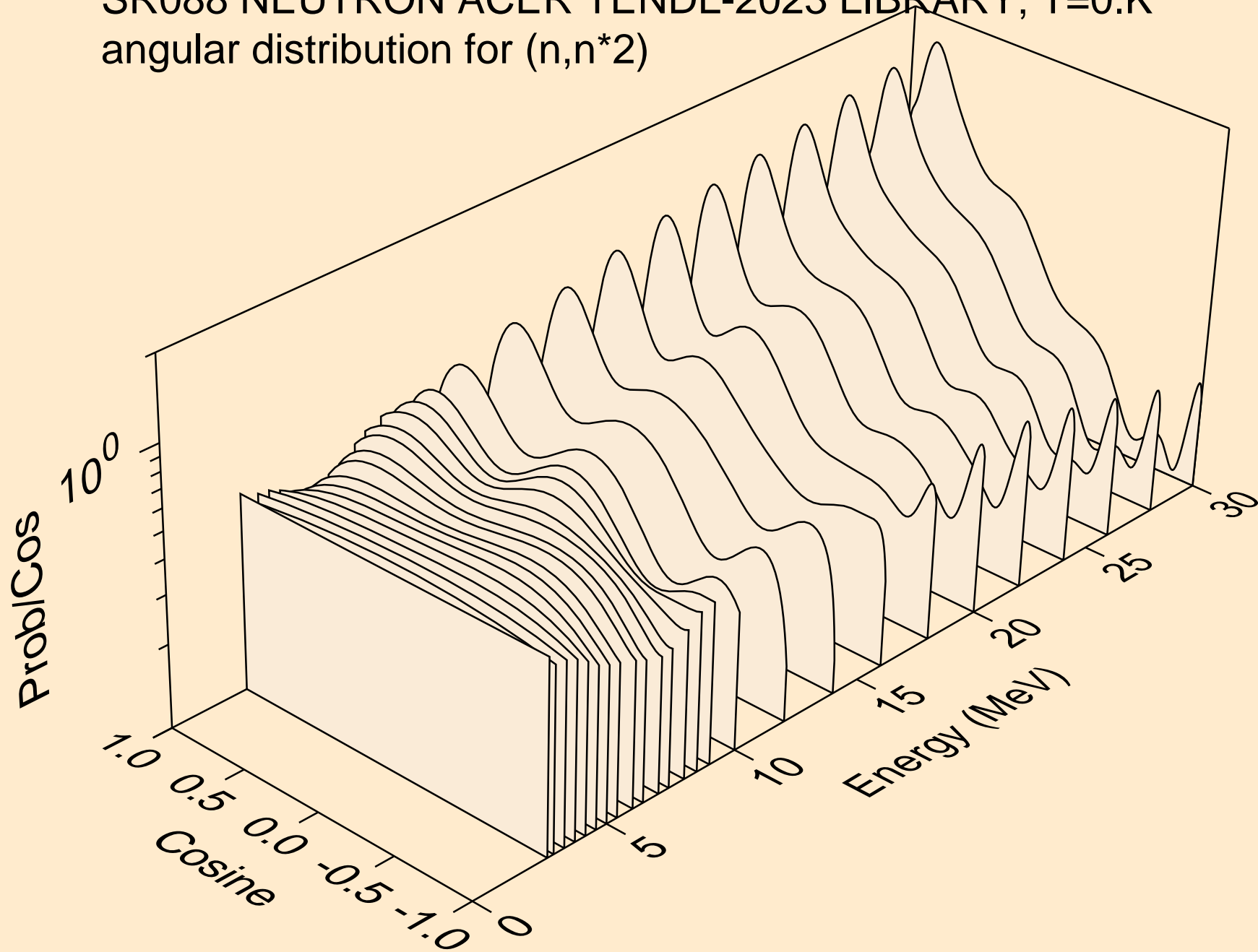
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angular distribution for elastic



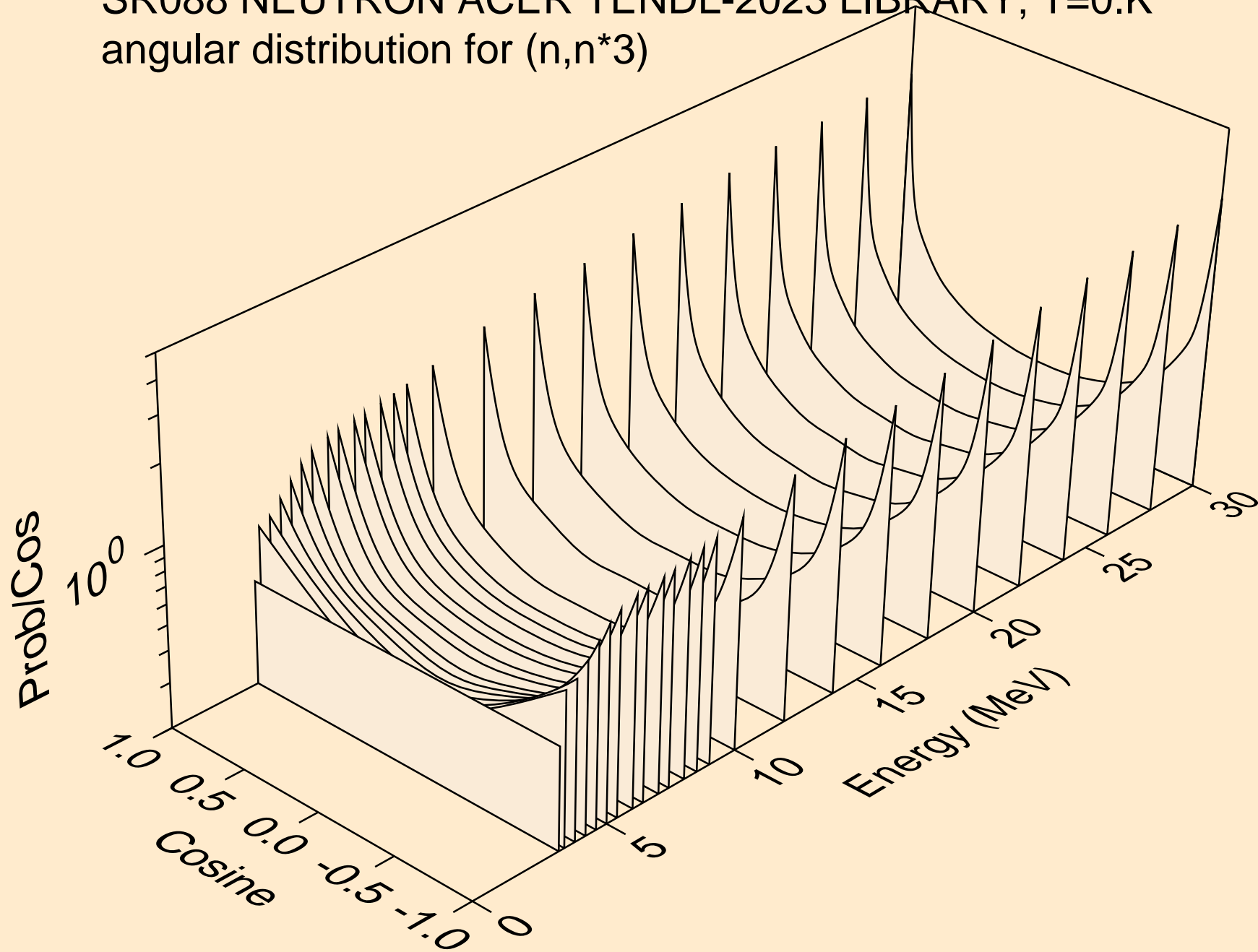
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angular distribution for (n,n\*1)



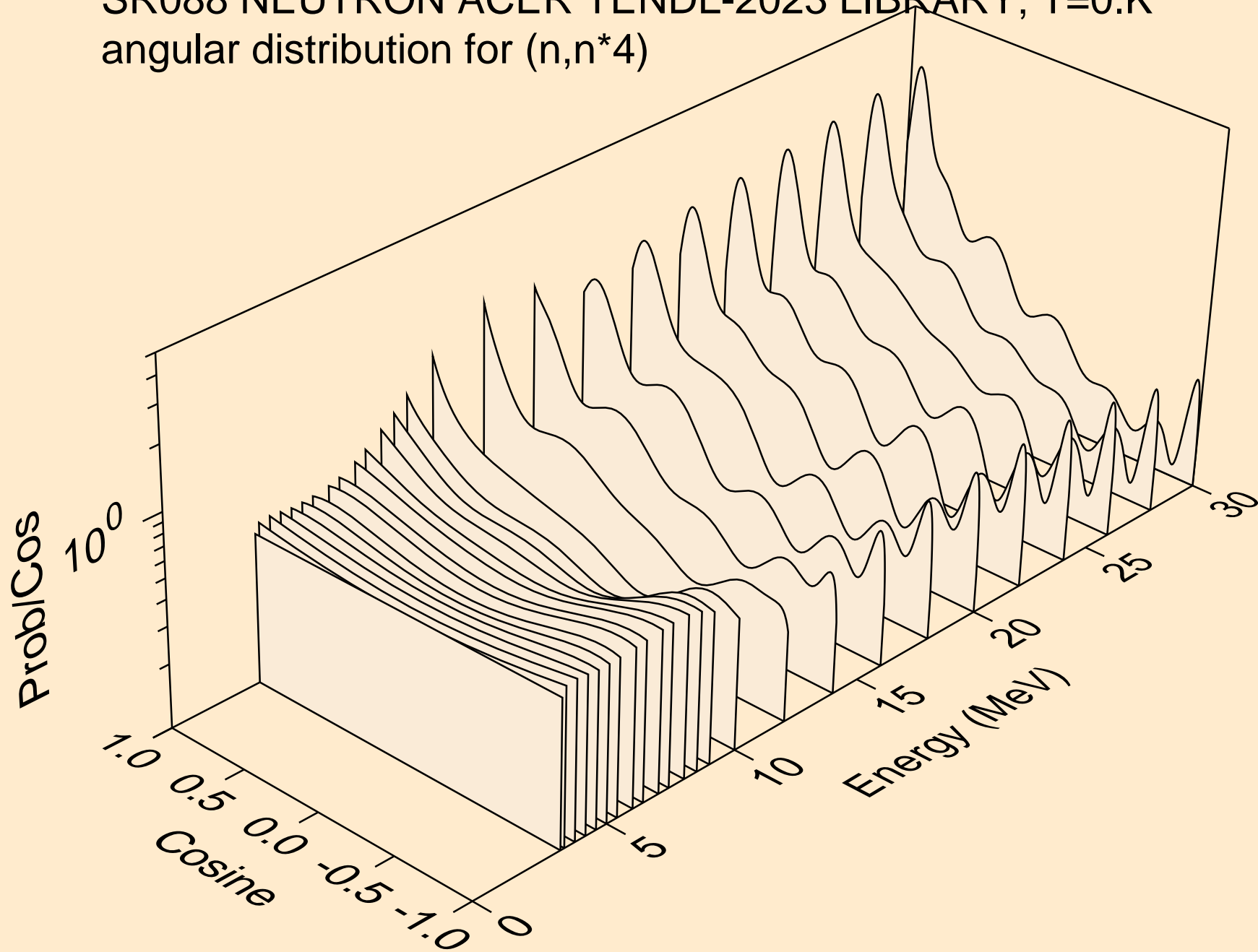
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angular distribution for (n,n\*2)



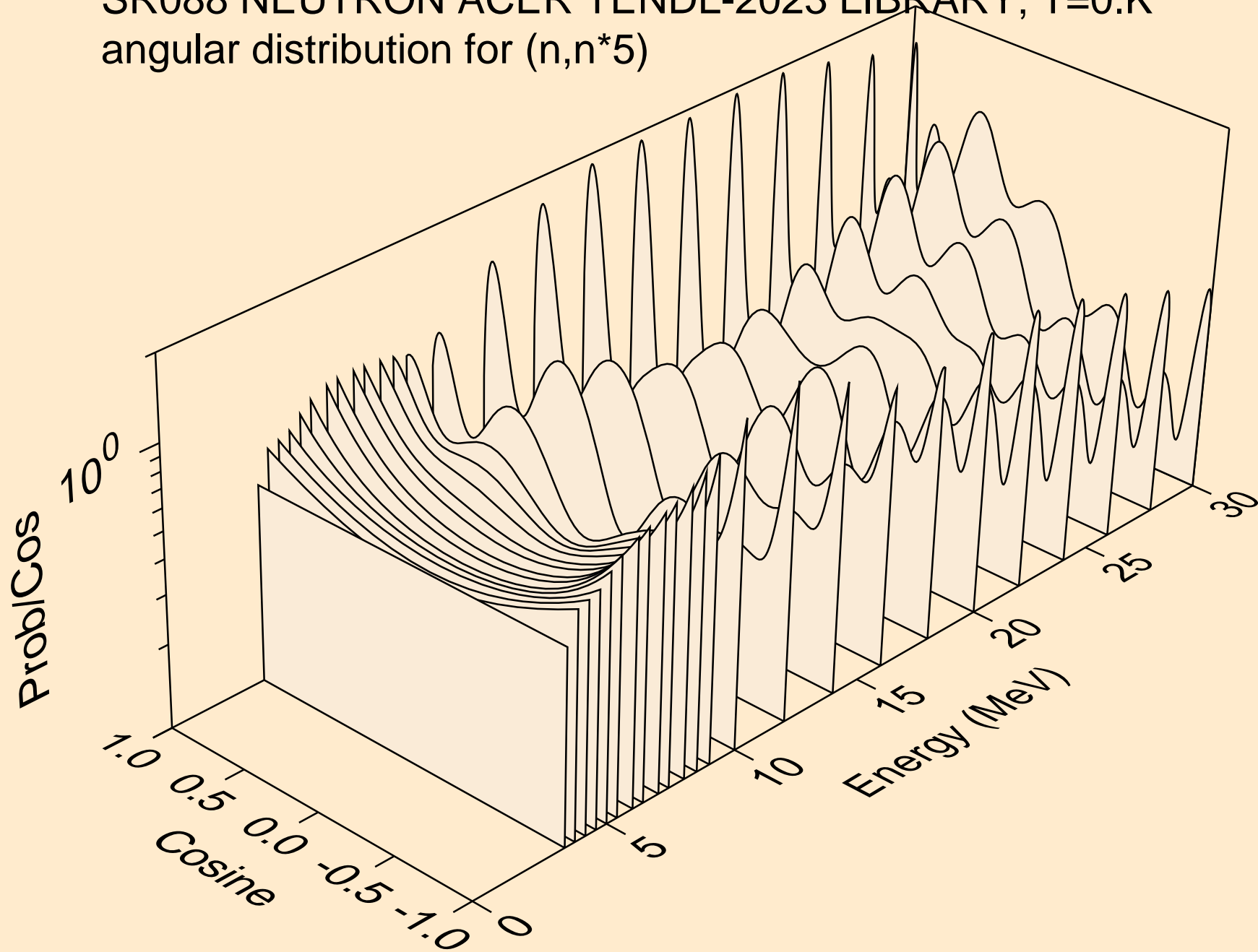
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

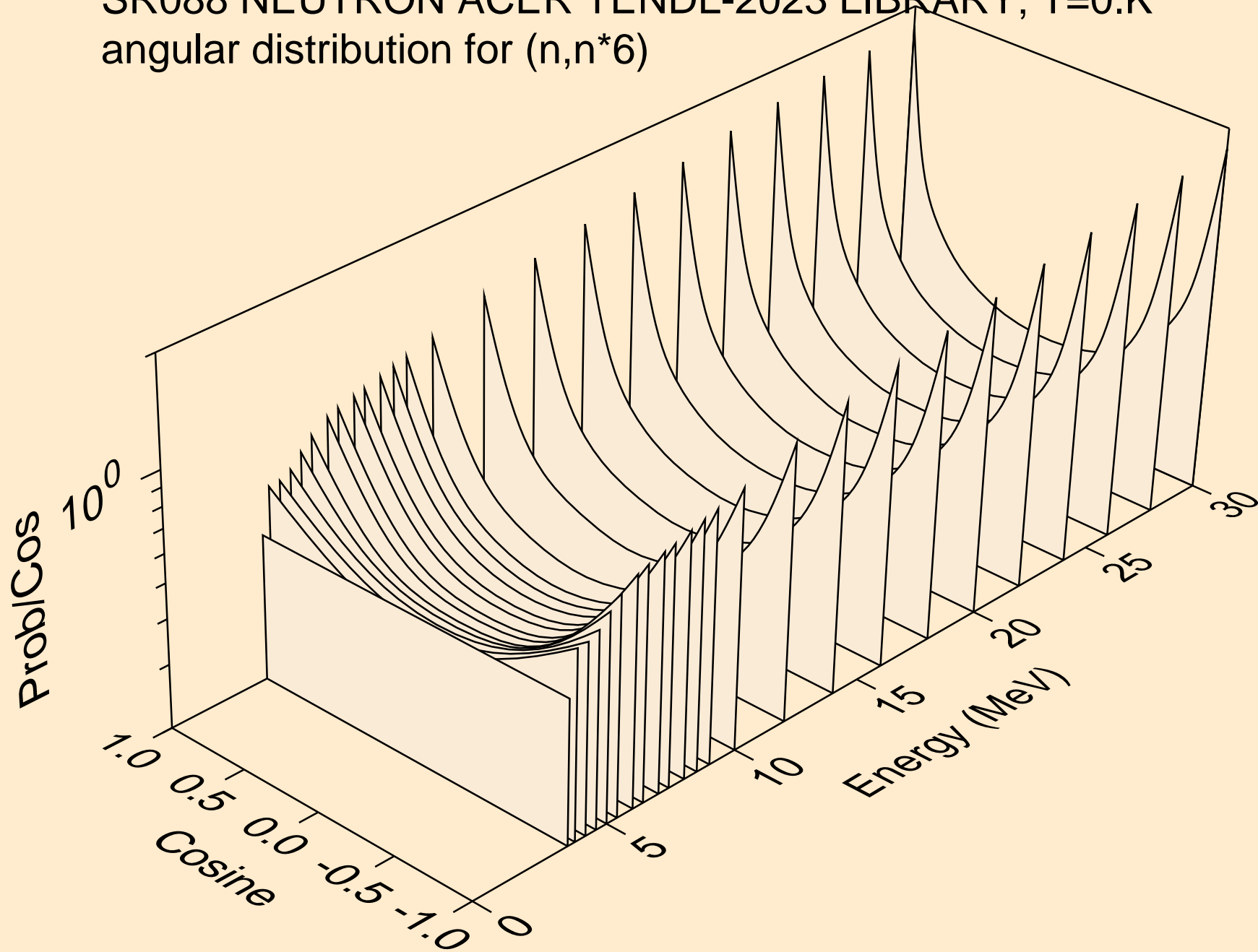


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

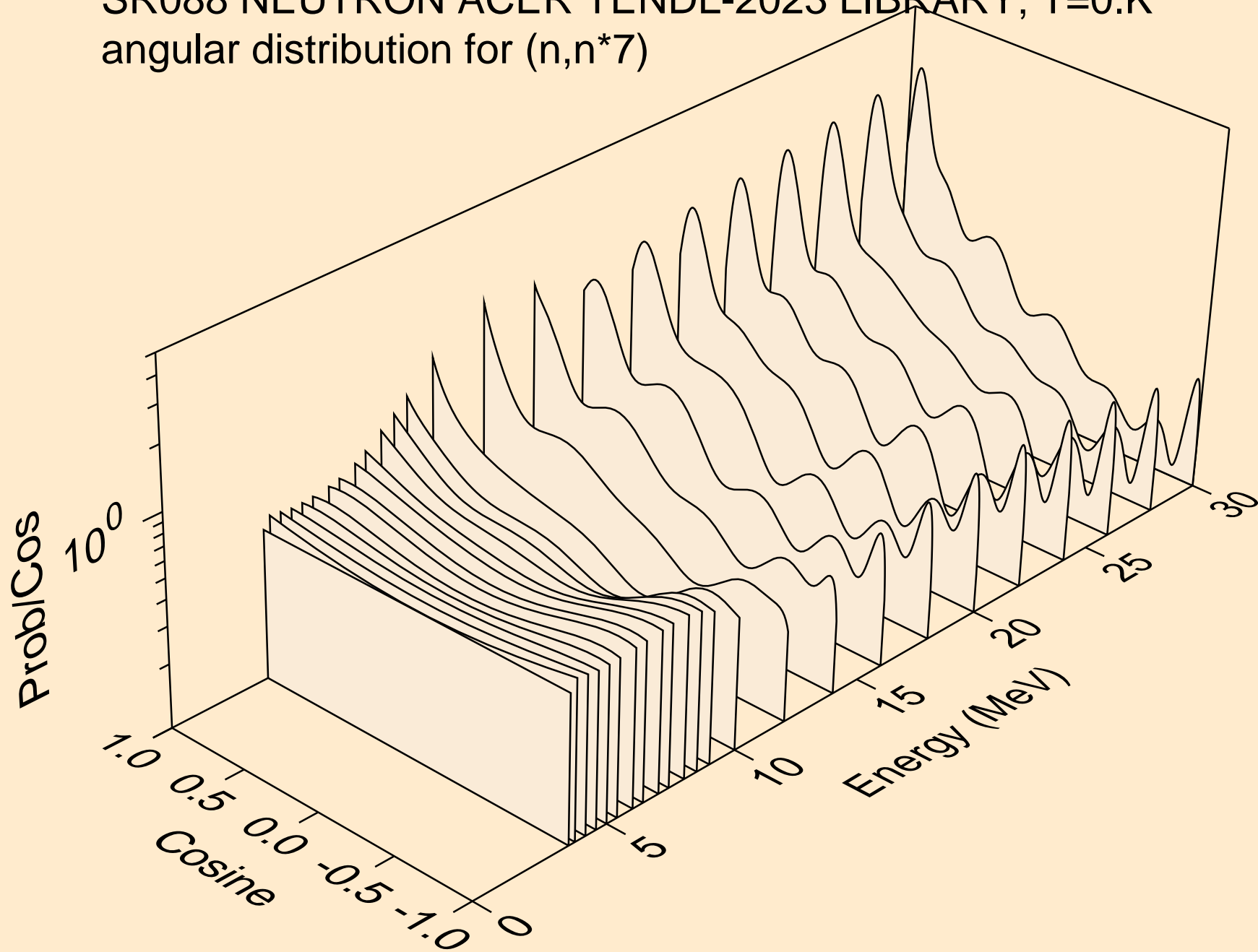




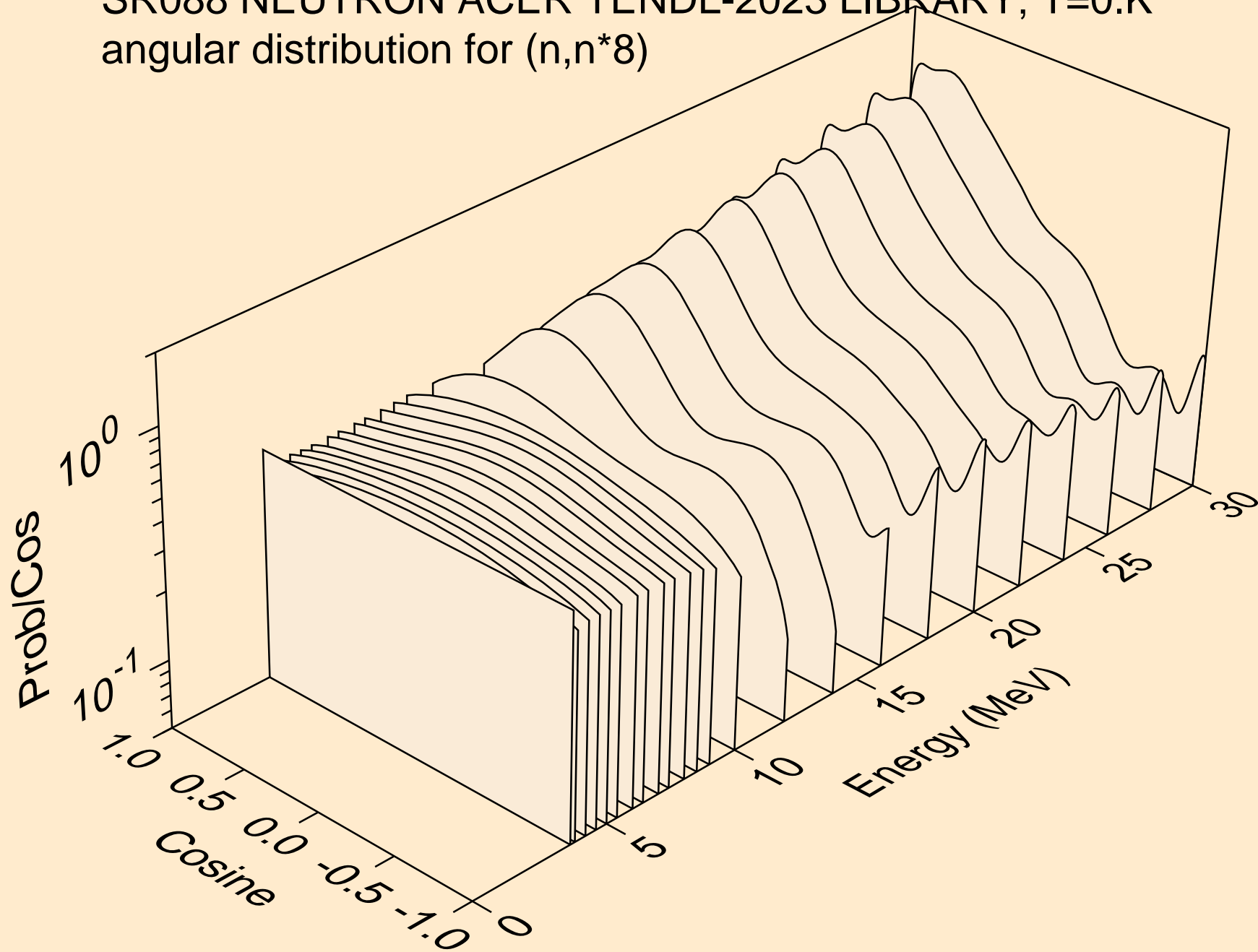
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angular distribution for (n,n\*6)



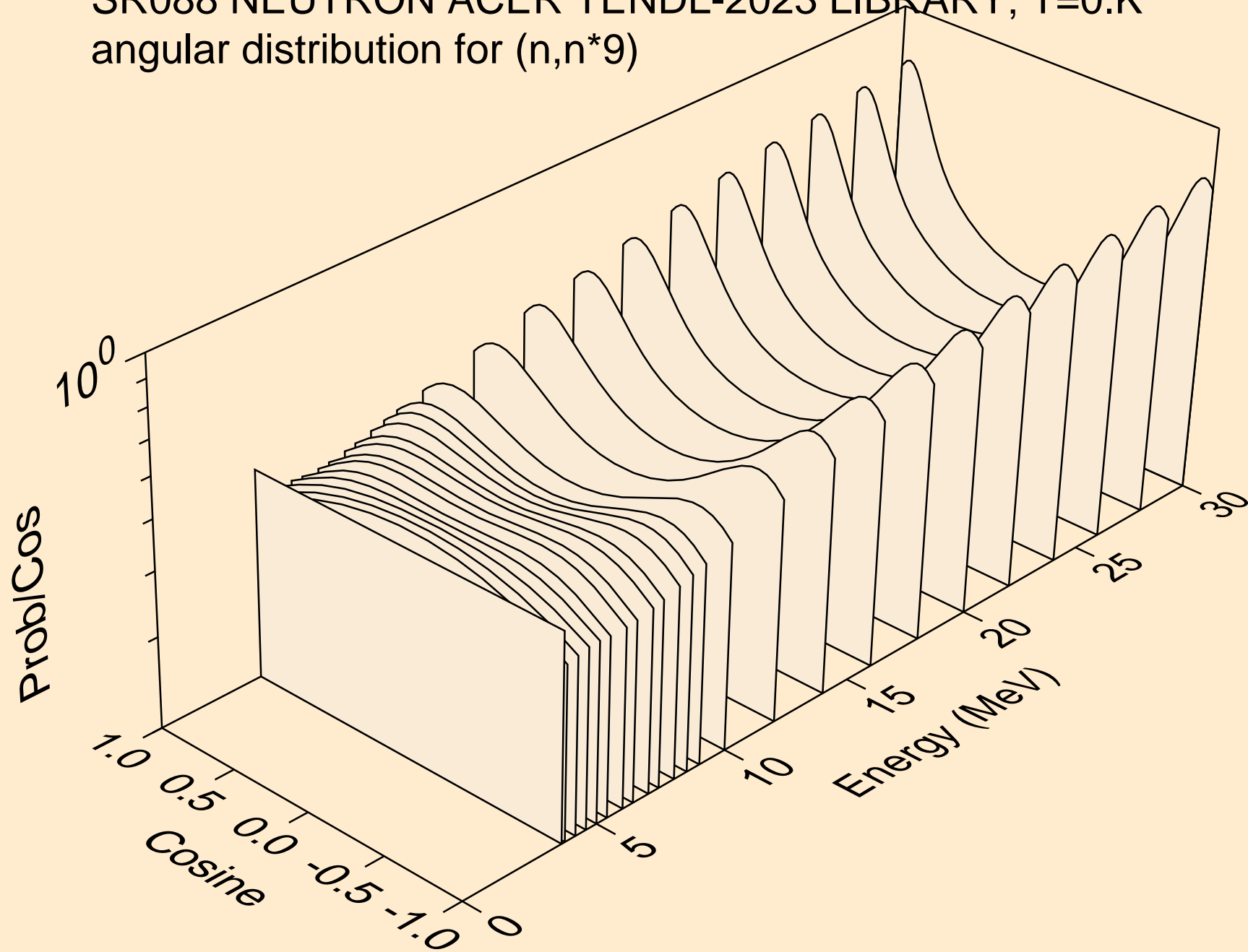
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angular distribution for (n,n\*7)



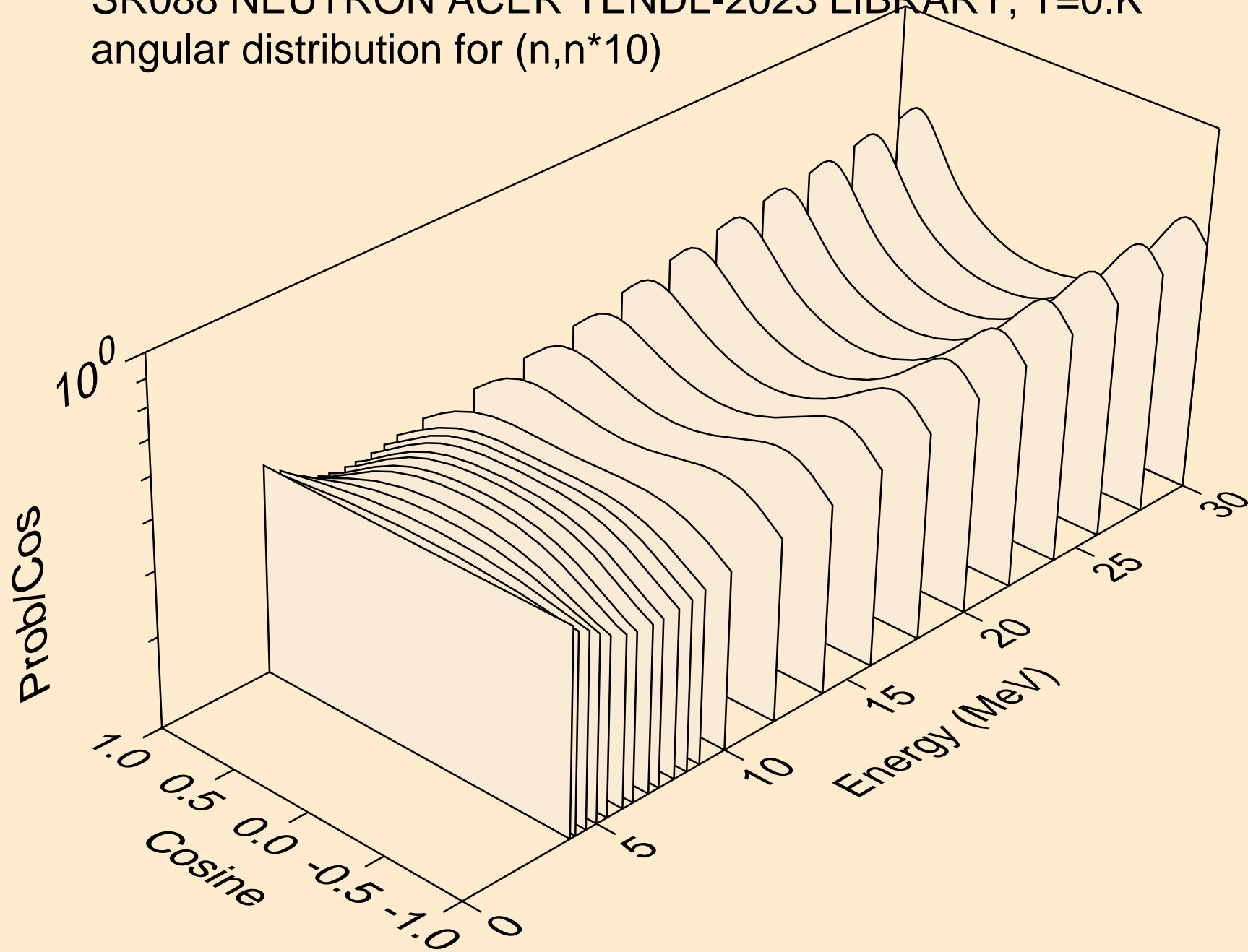
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angular distribution for (n,n\*8)



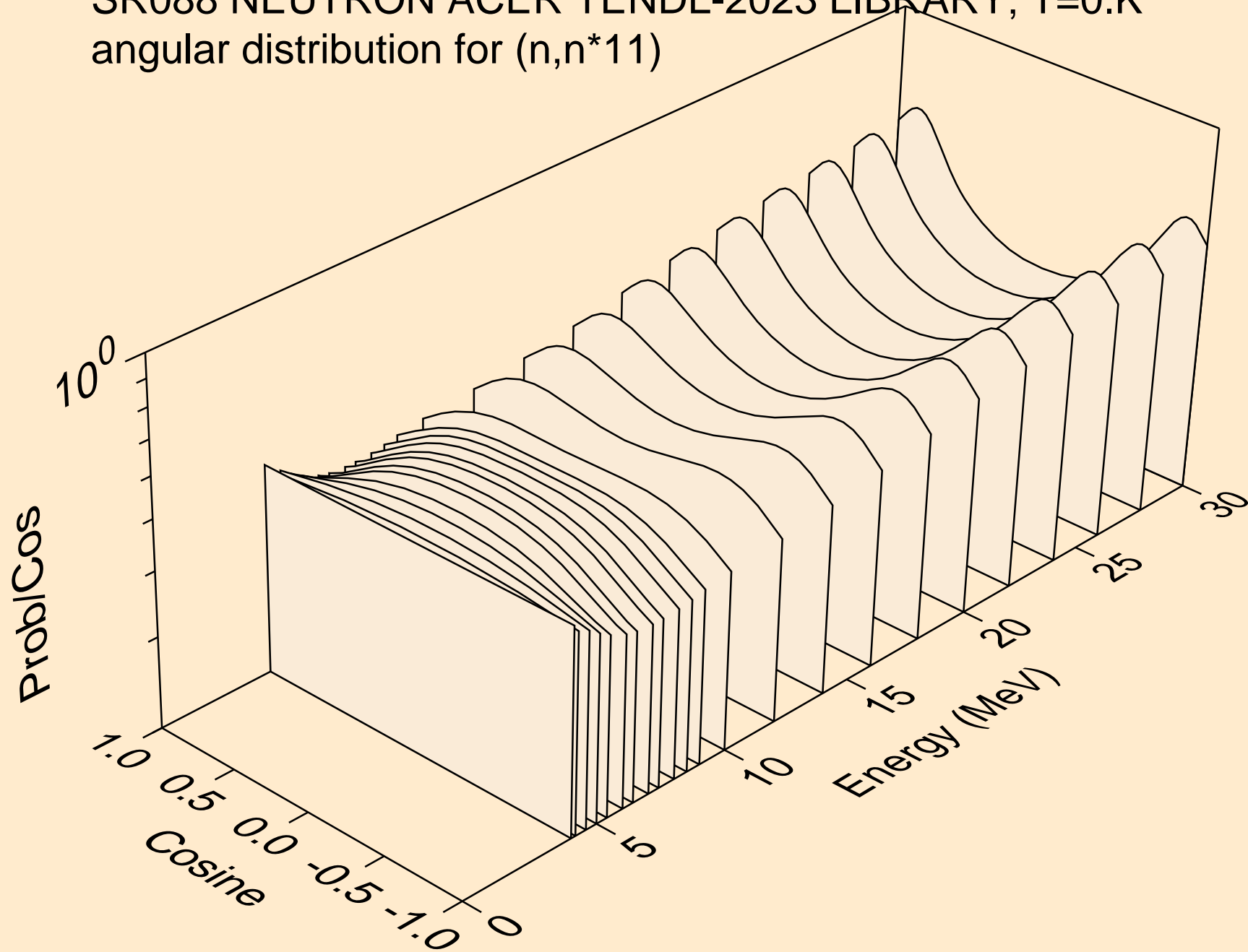
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angular distribution for (n,n\*9)



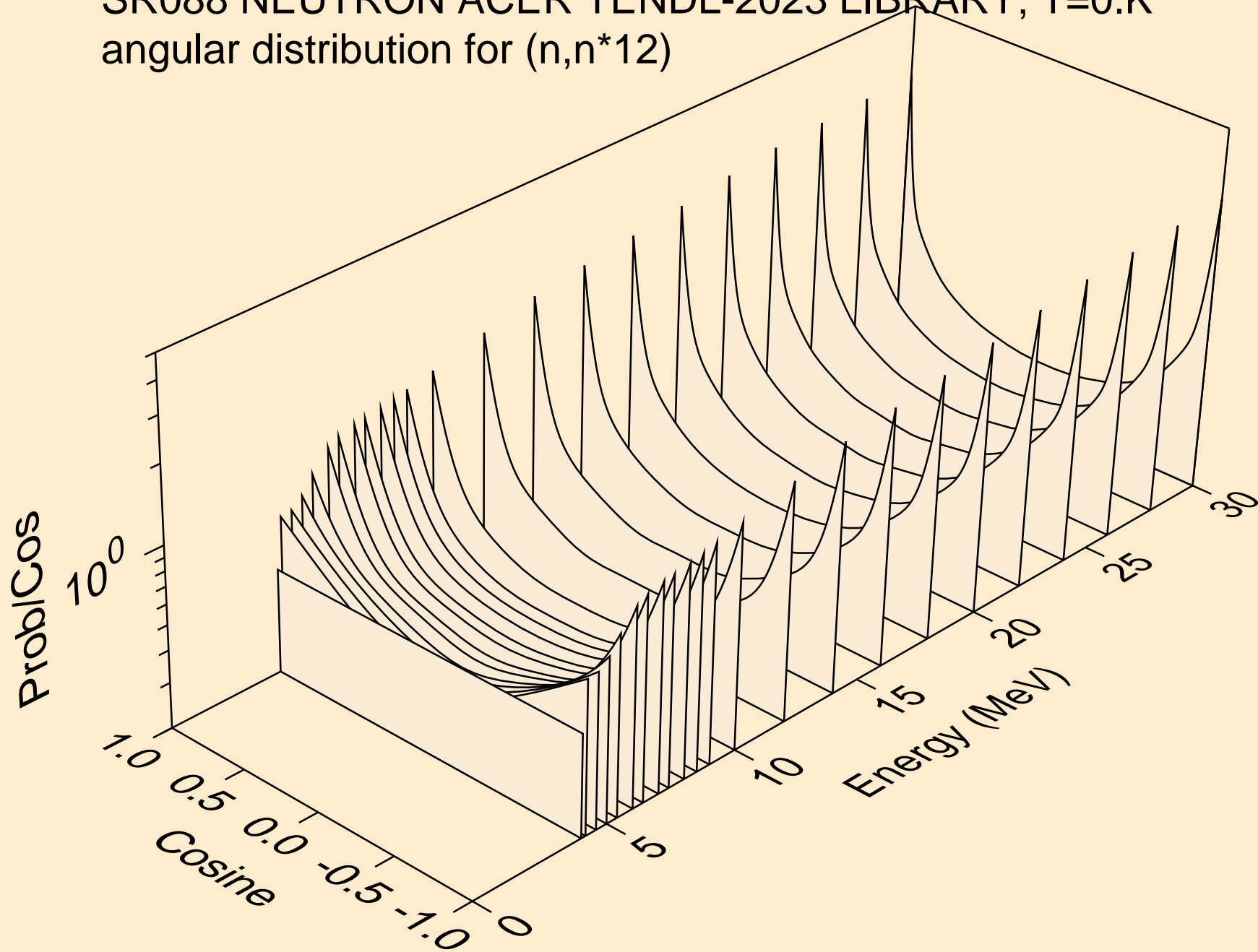
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angular distribution for (n,n\*10)



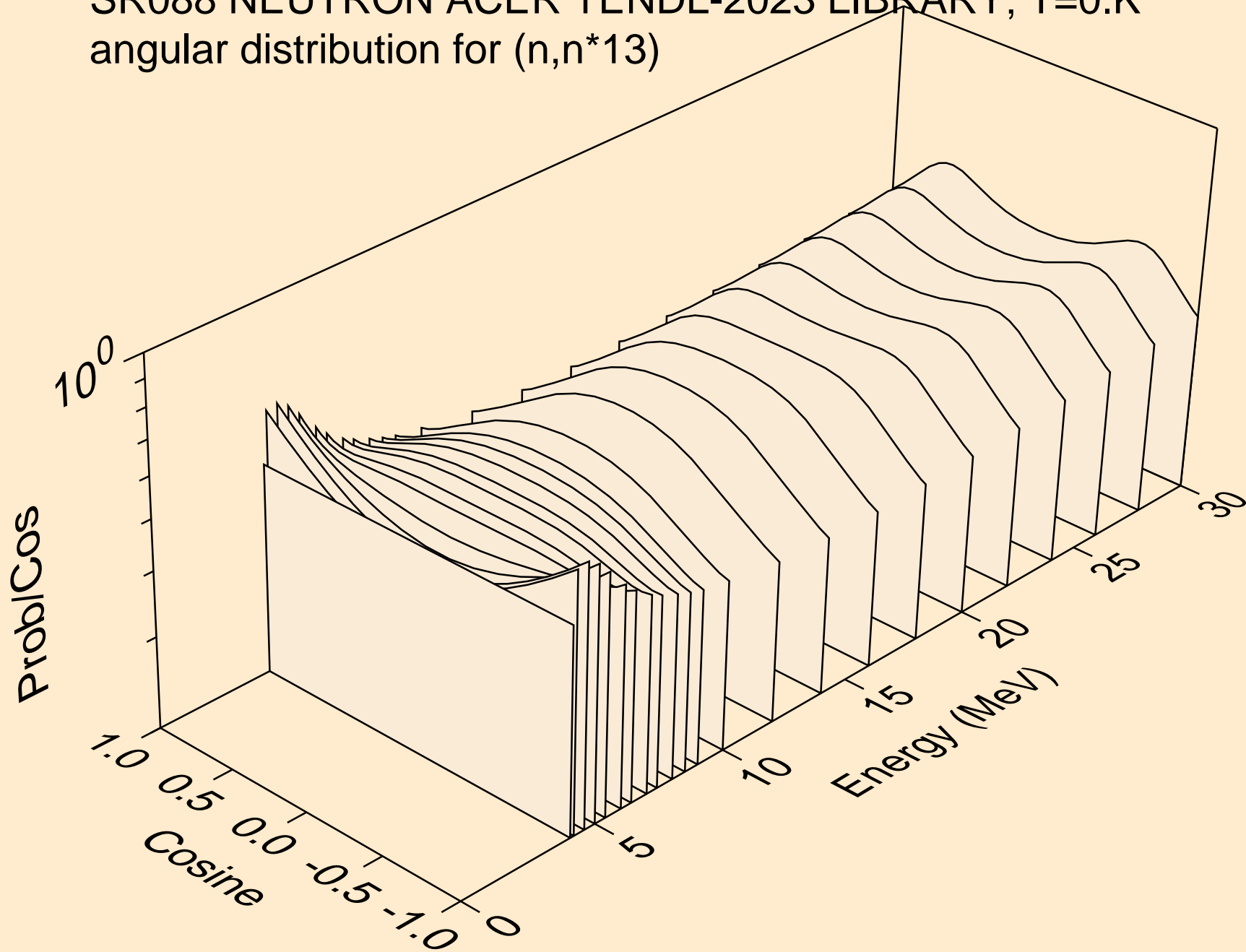
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

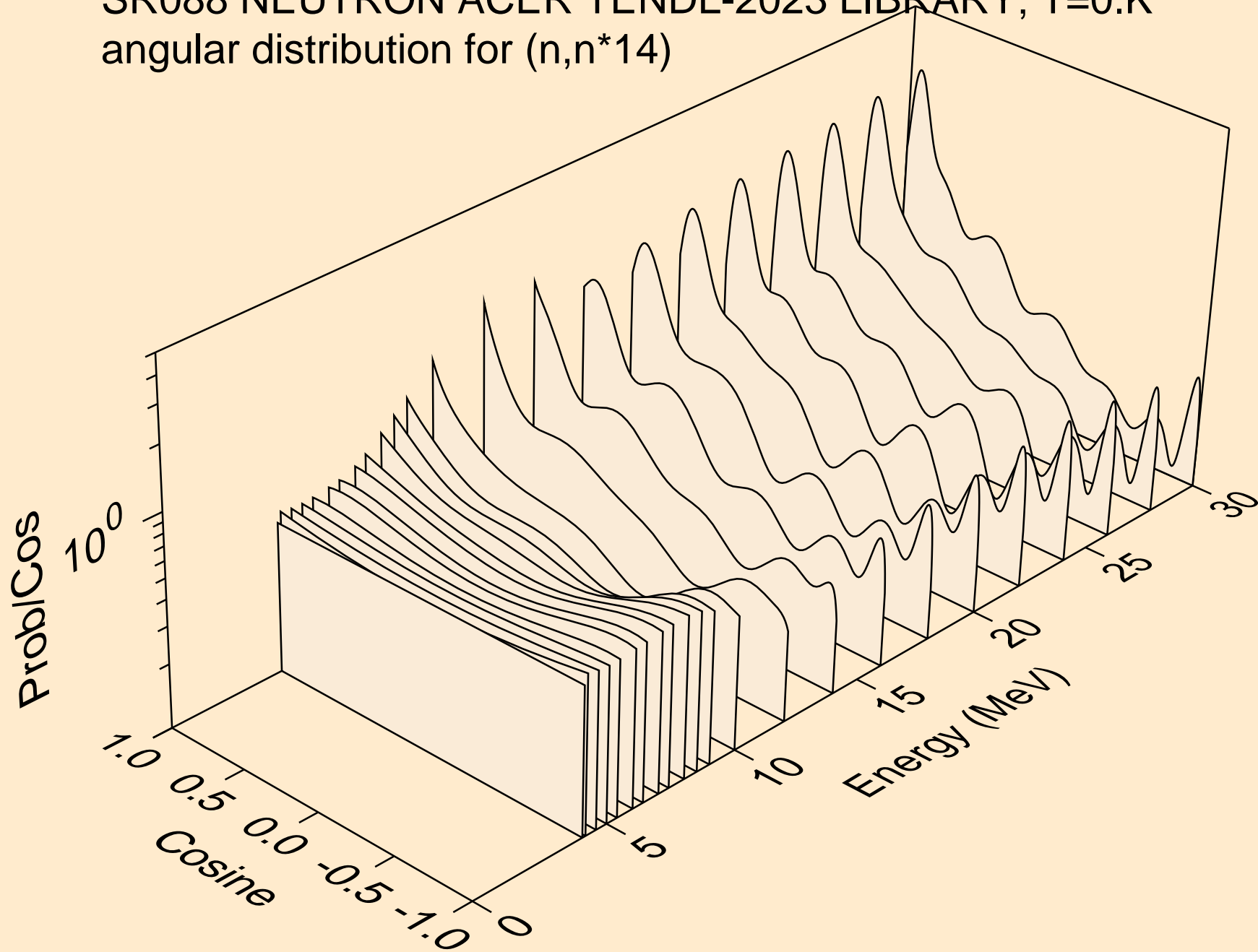


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

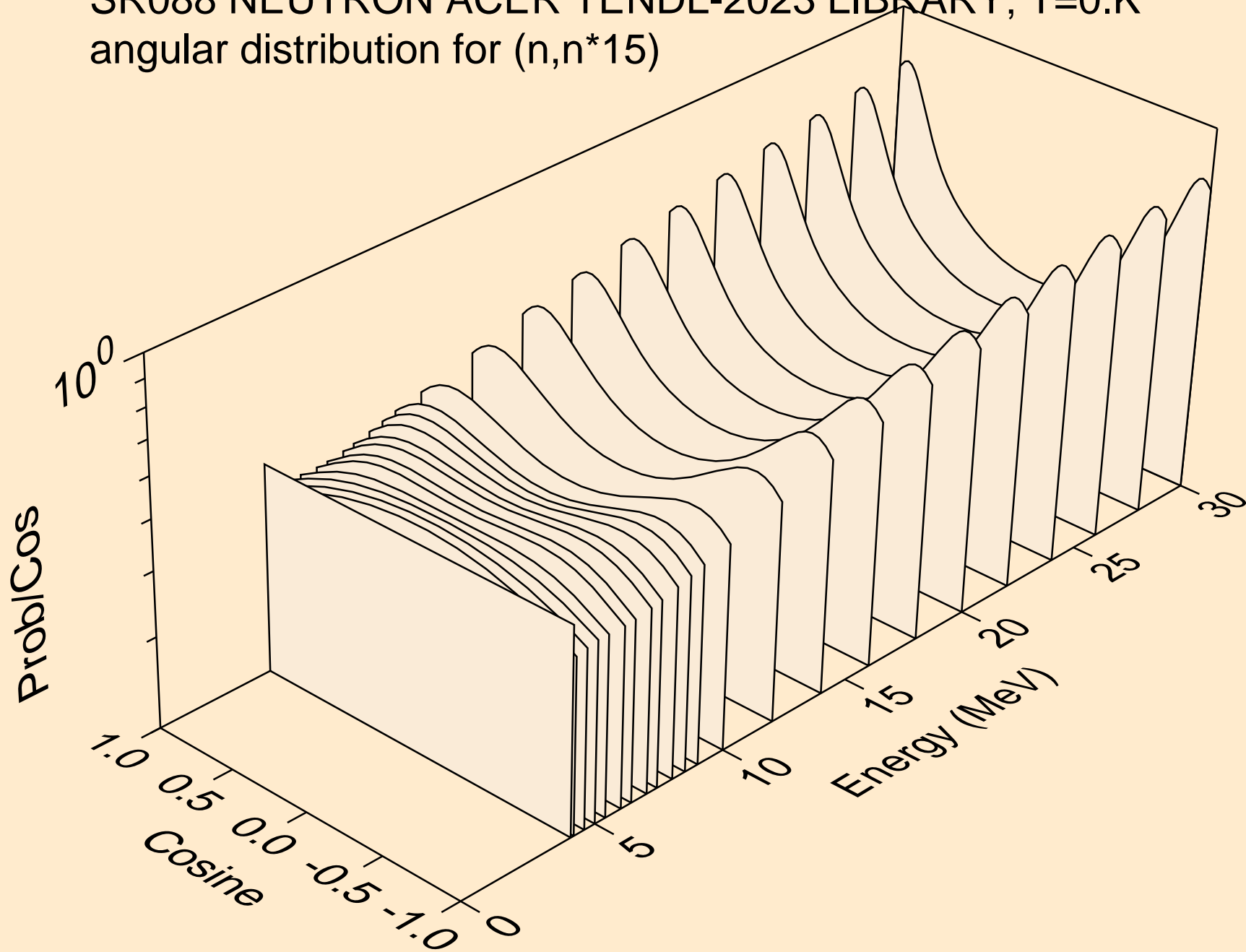




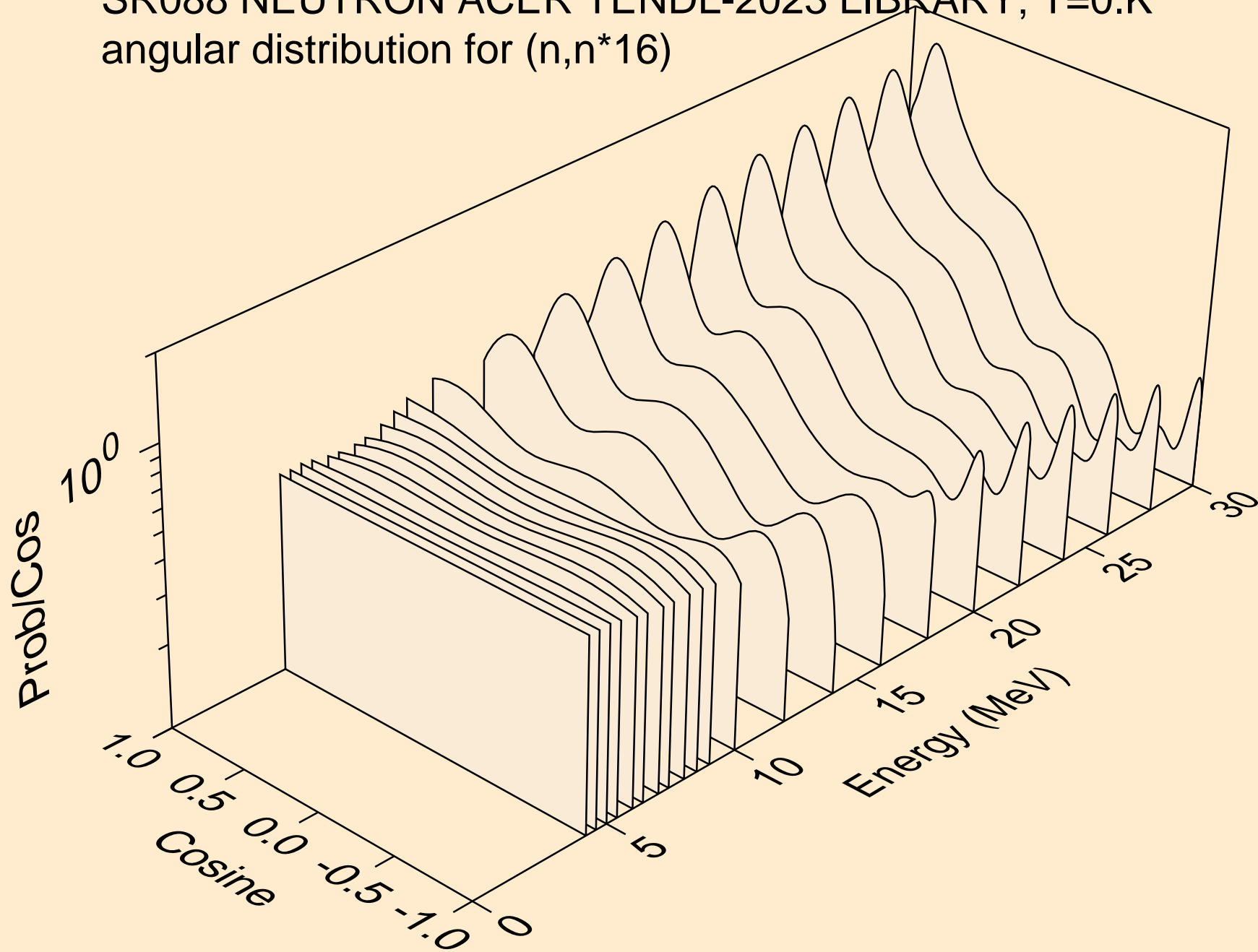
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angular distribution for (n,n\*14)



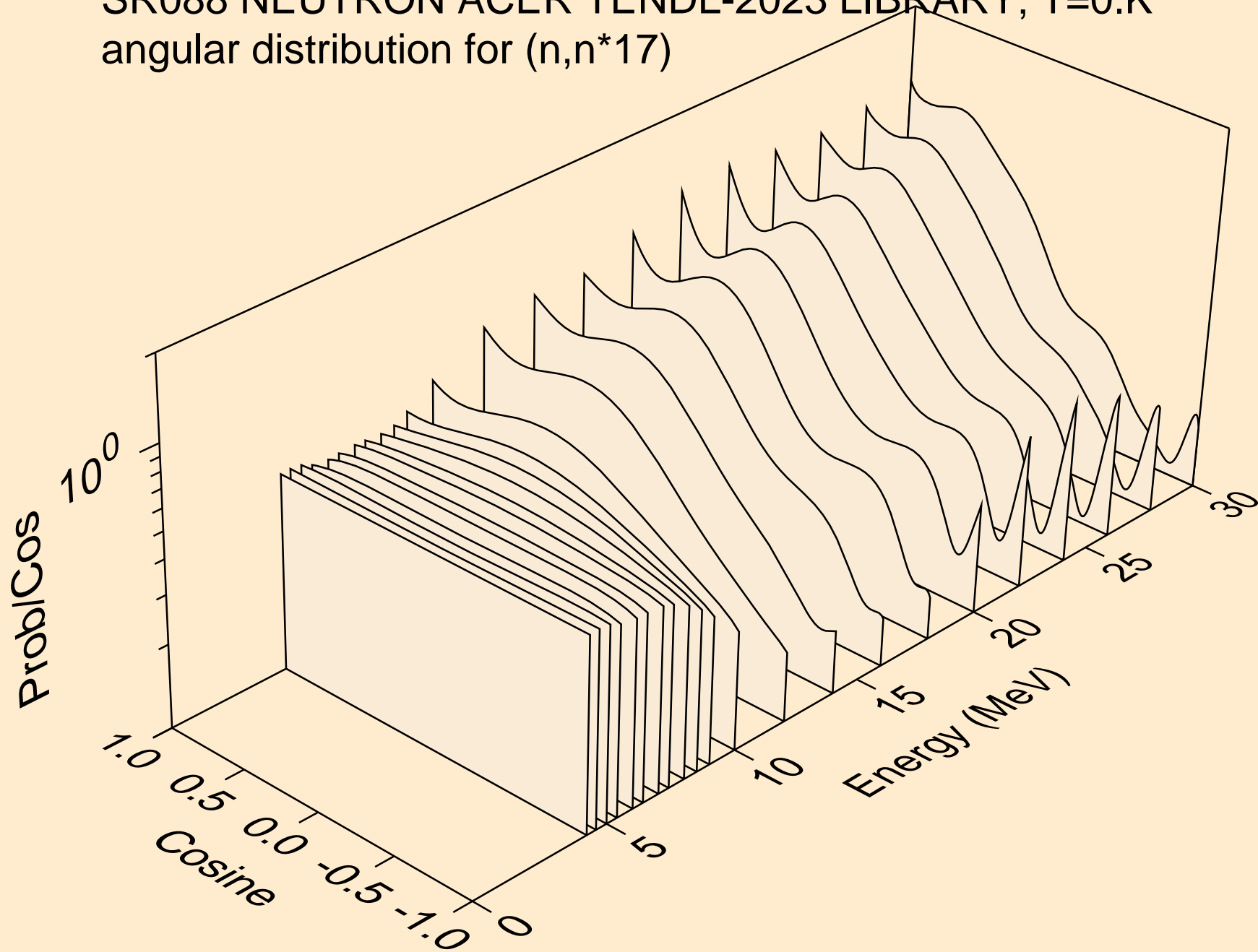
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angular distribution for (n,n\*15)



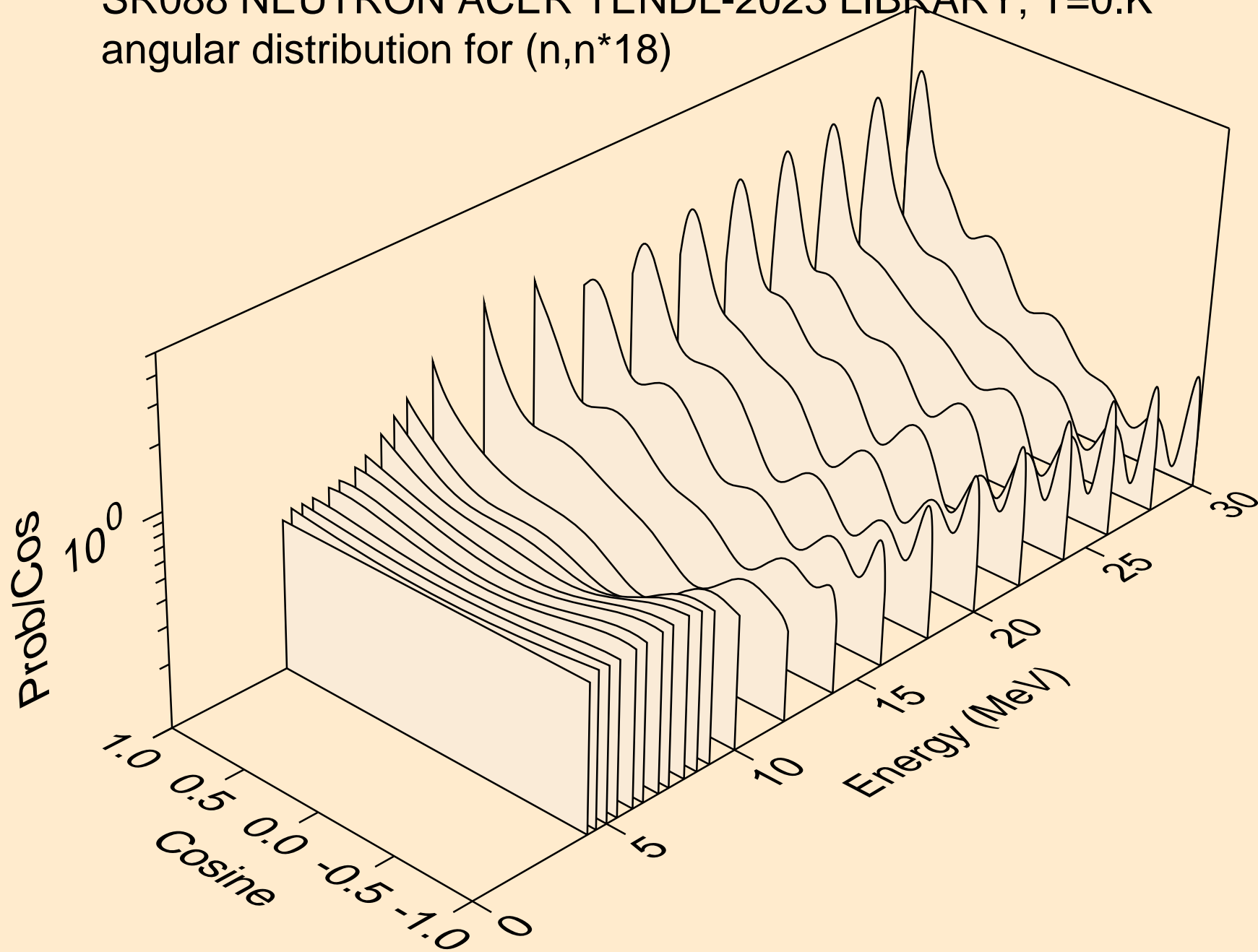
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angular distribution for (n,n\*16)



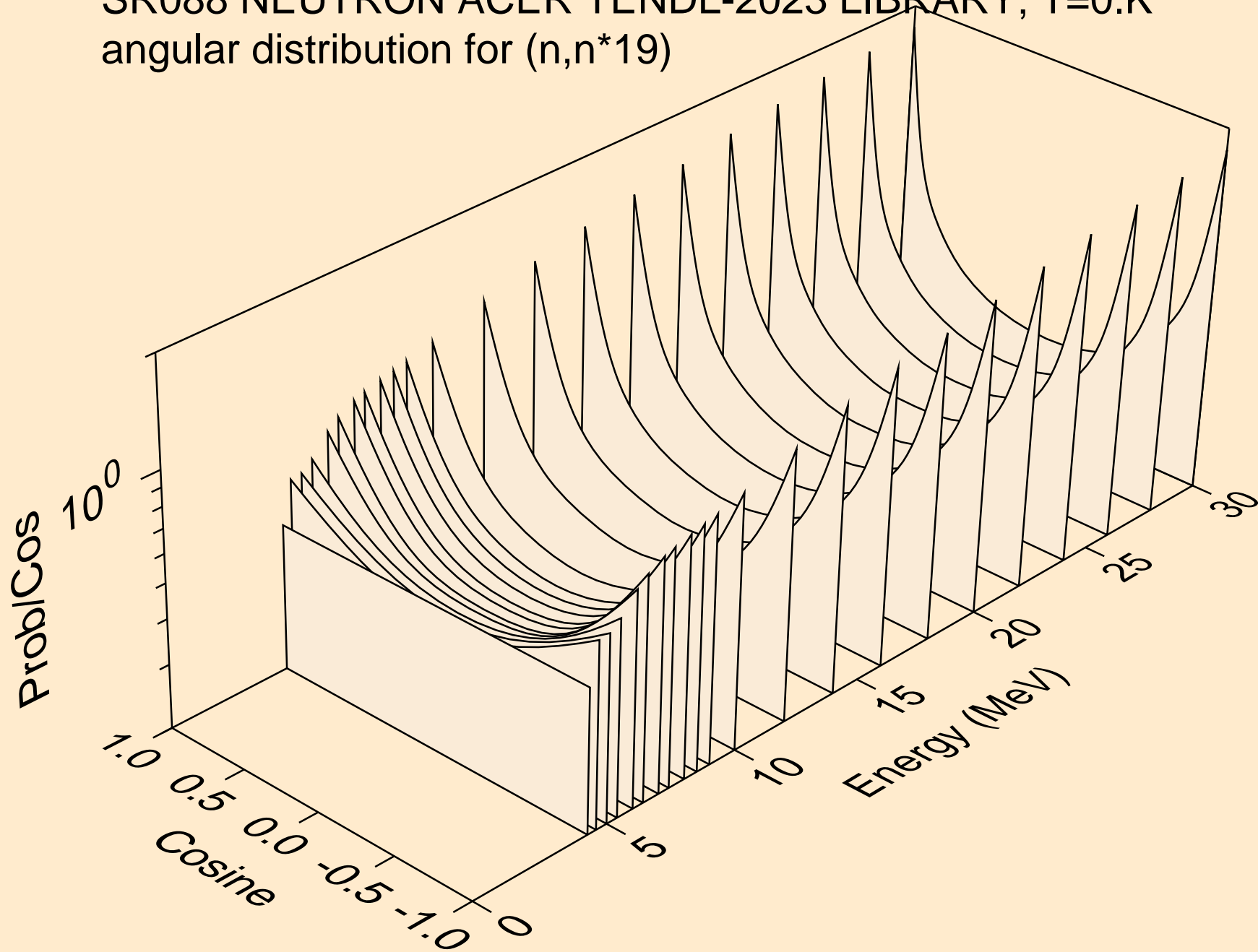
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angular distribution for (n,n\*17)



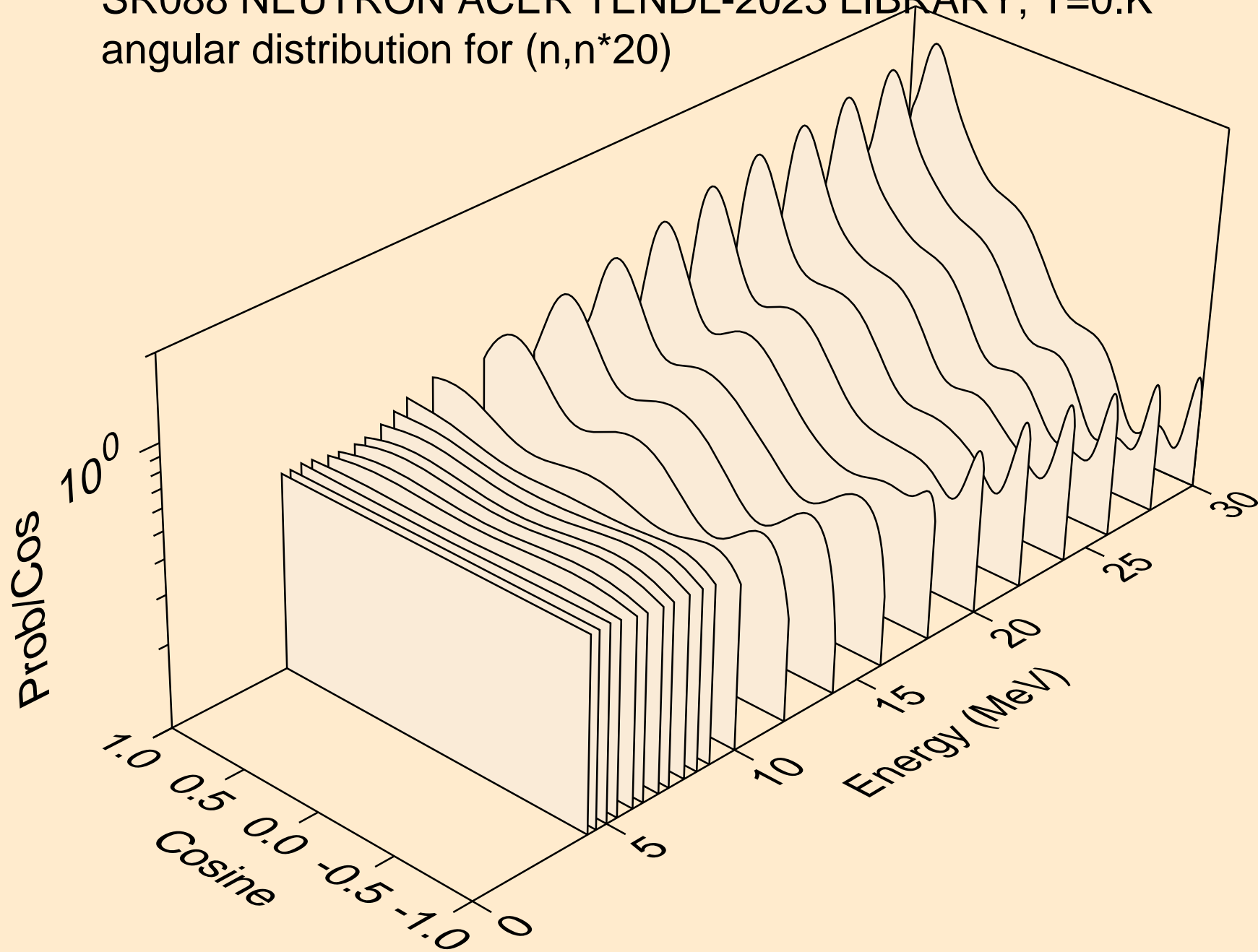
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angular distribution for (n,n\*18)



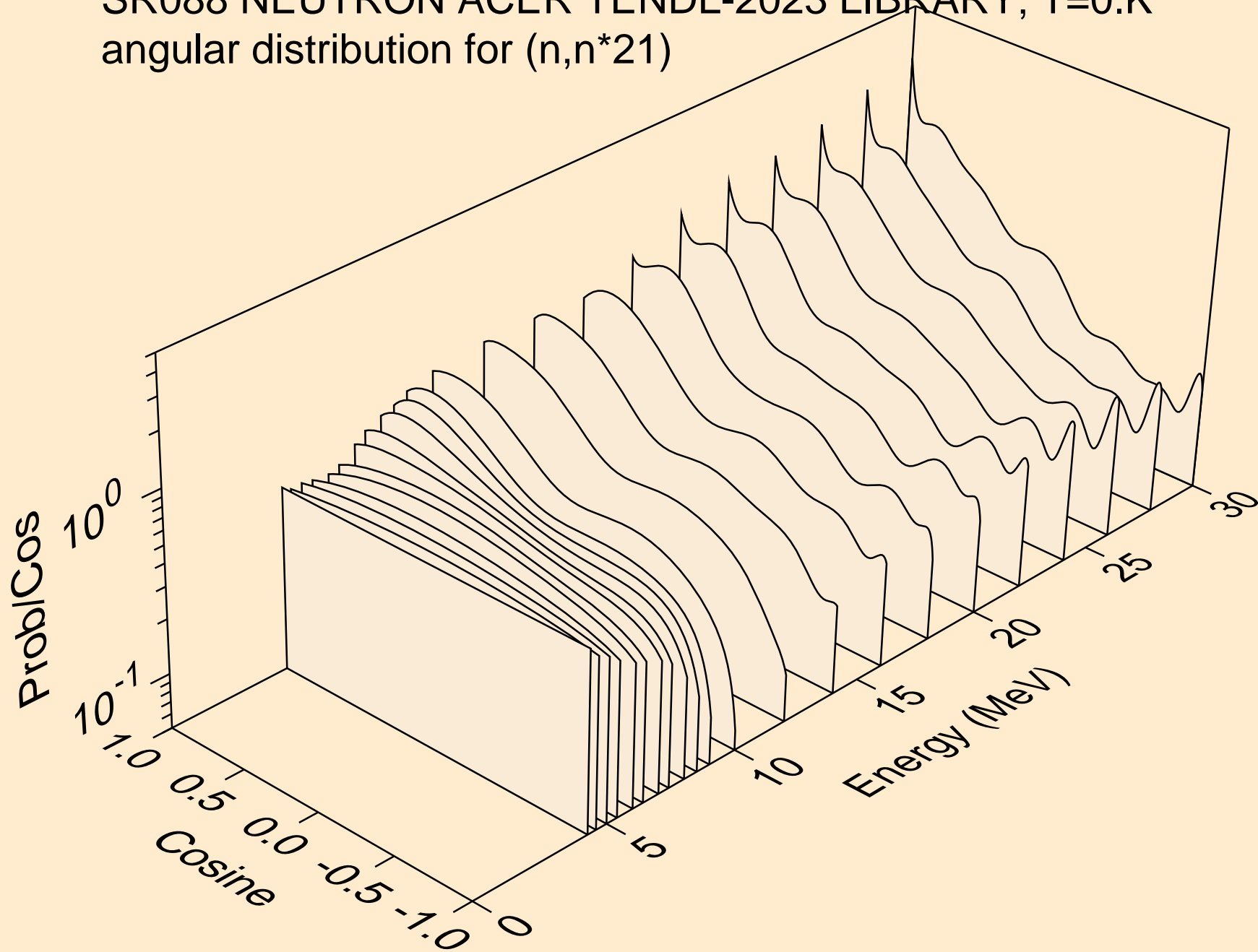
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

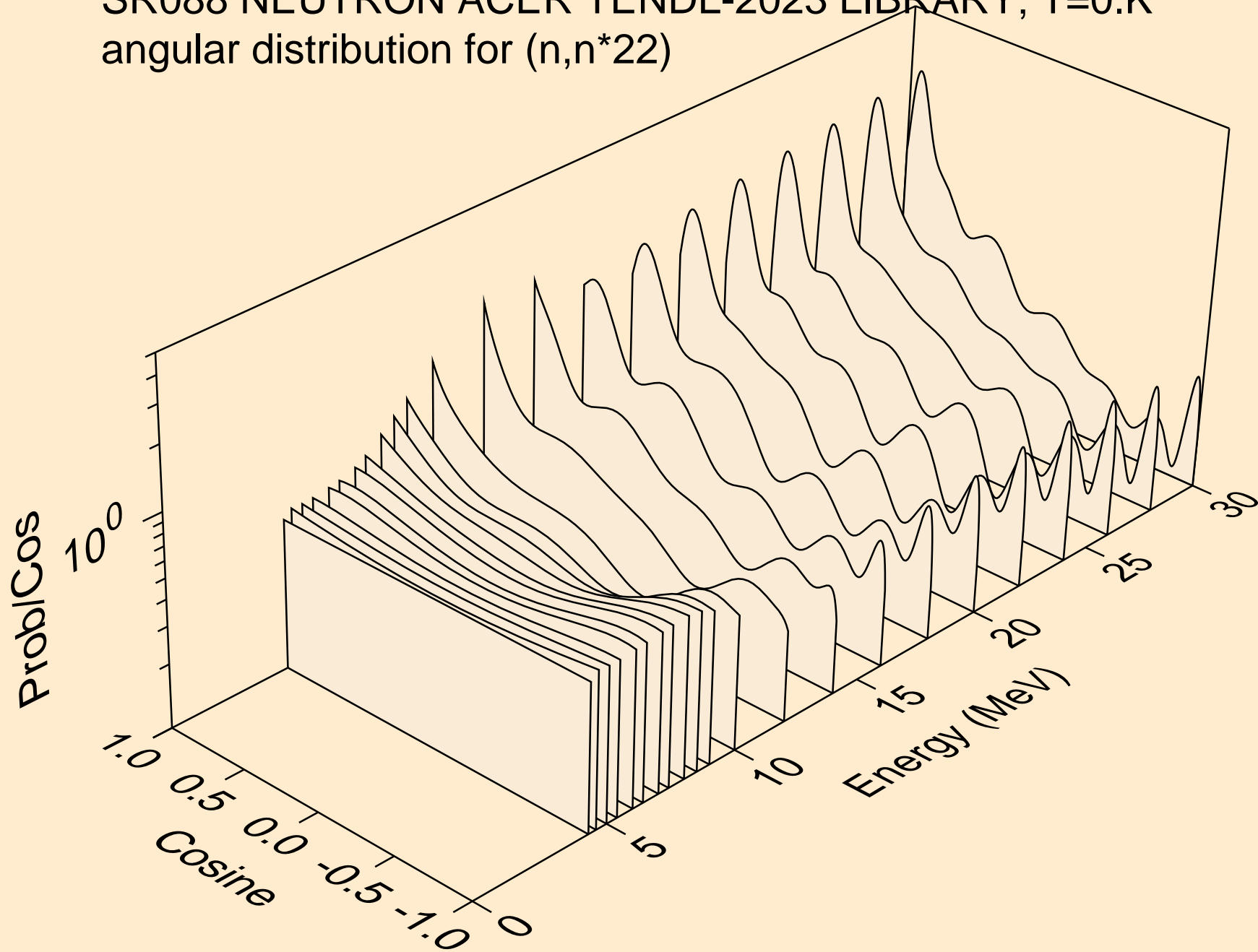


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

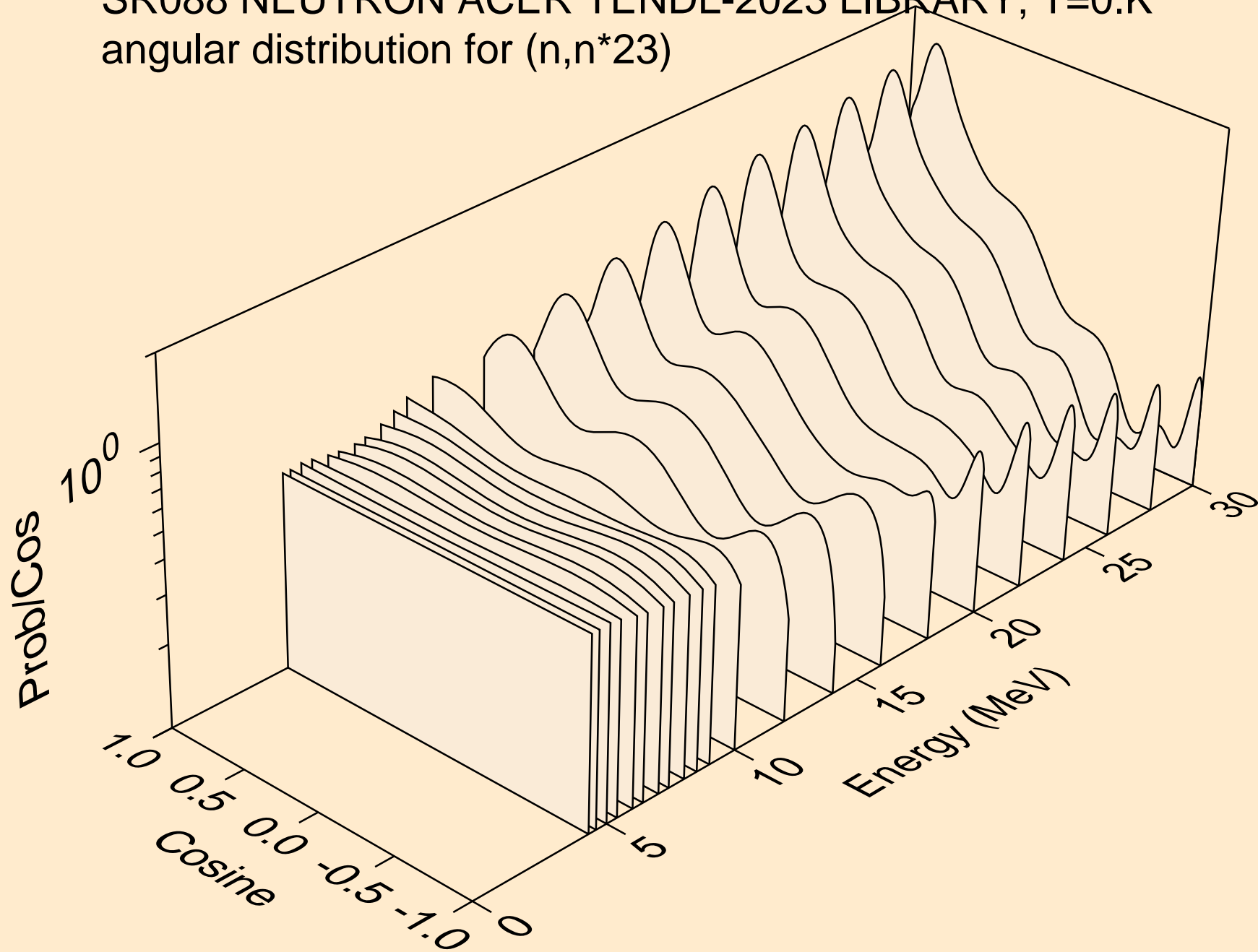




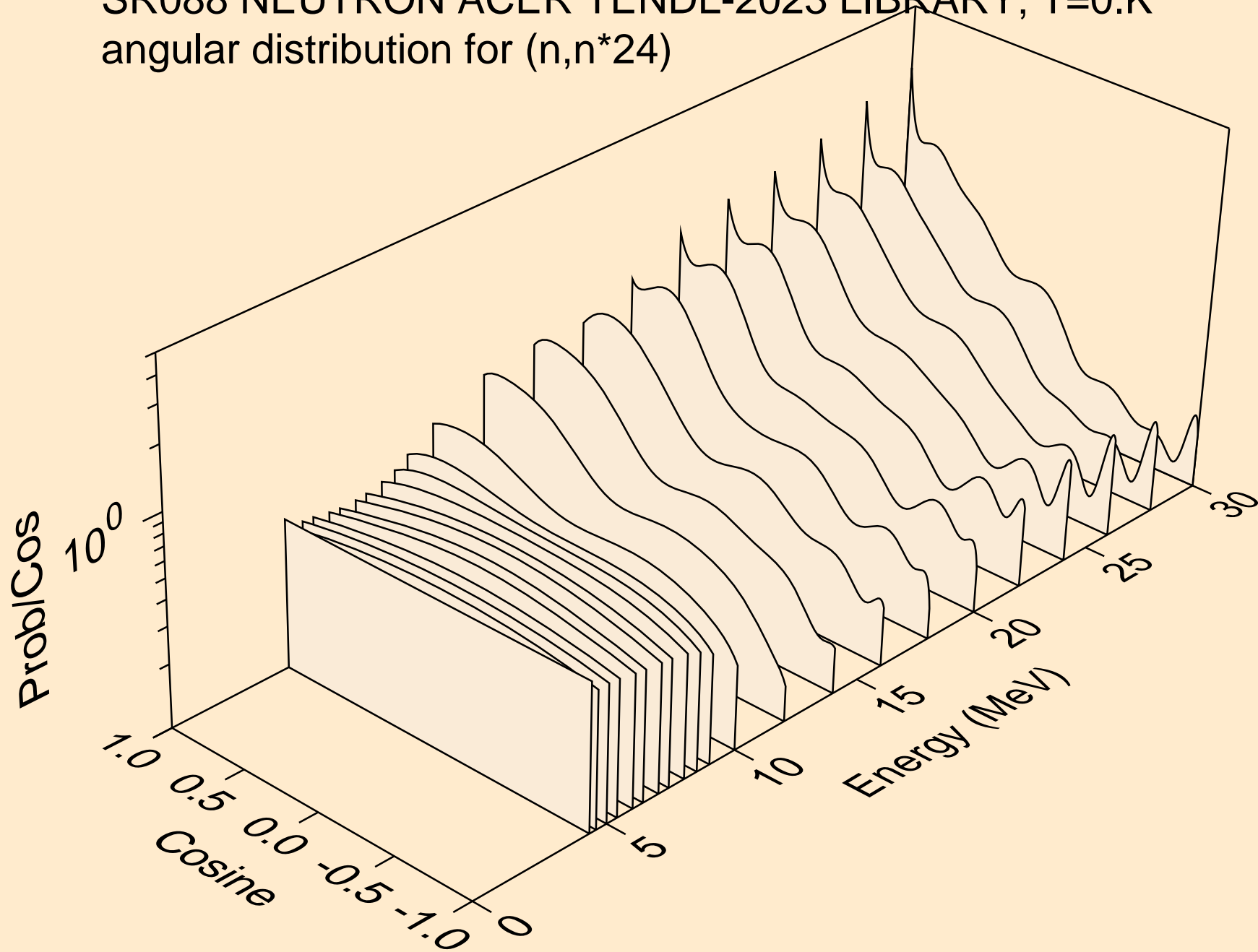
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angular distribution for (n,n\*22)



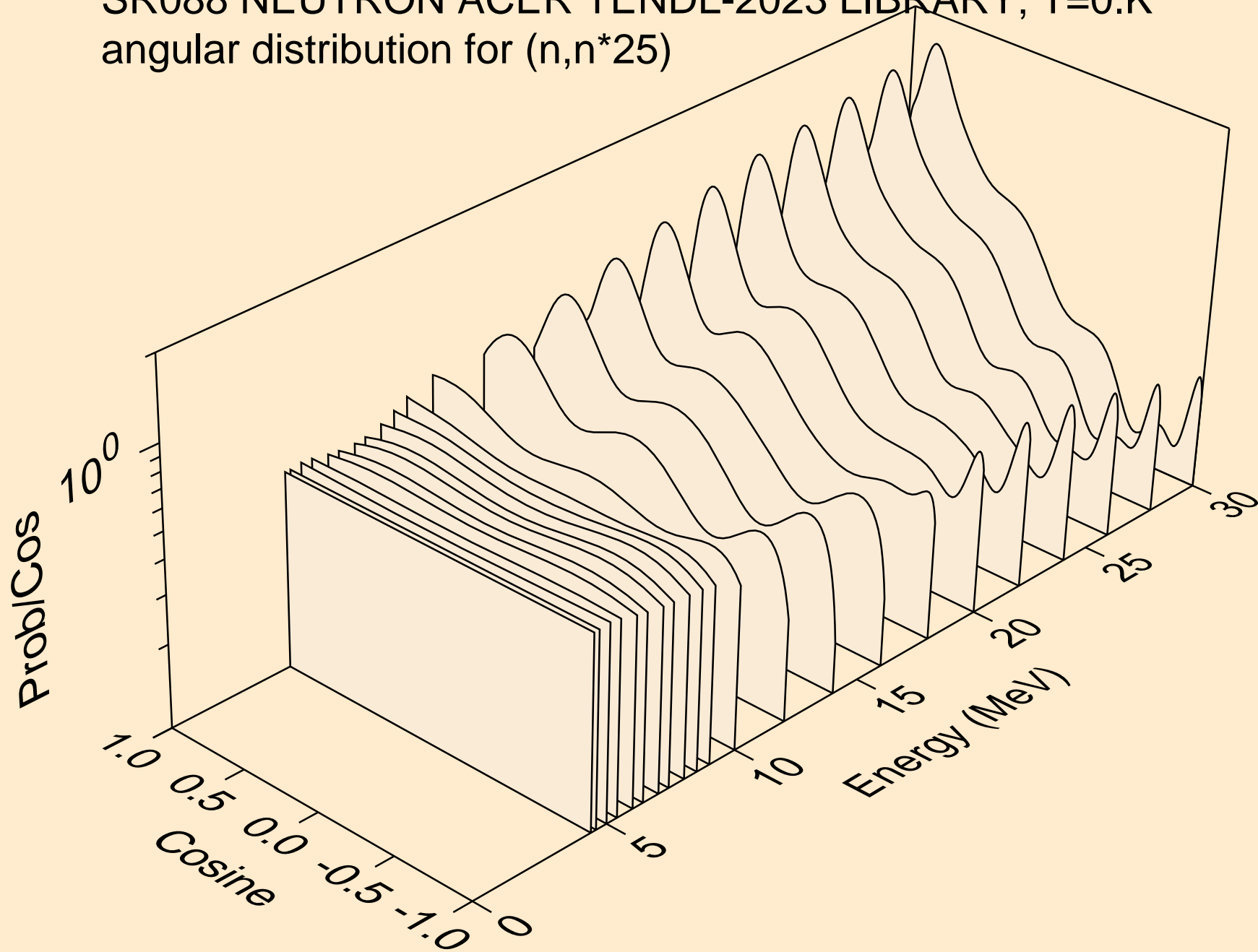
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angular distribution for (n,n\*23)



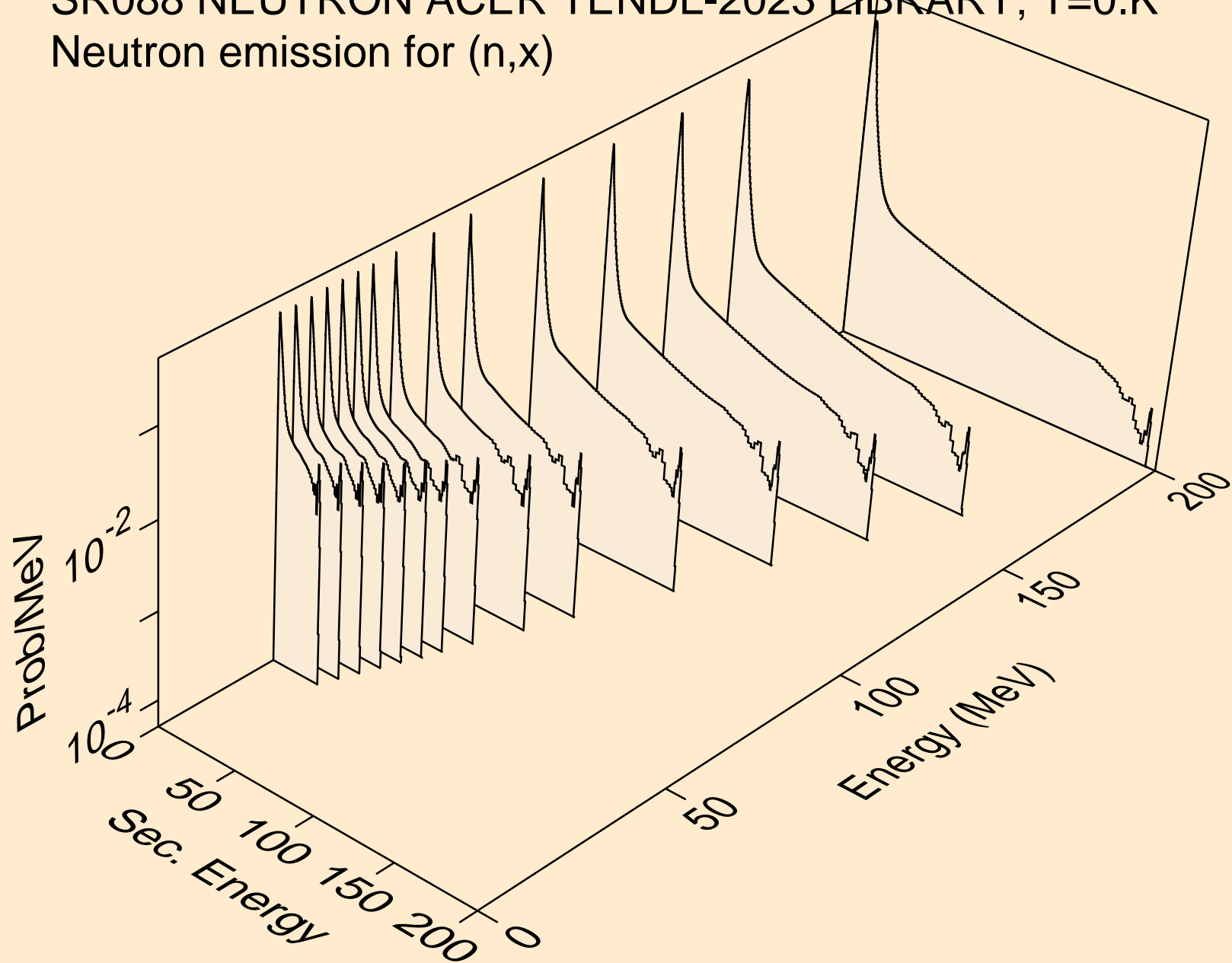
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angular distribution for (n,n\*24)



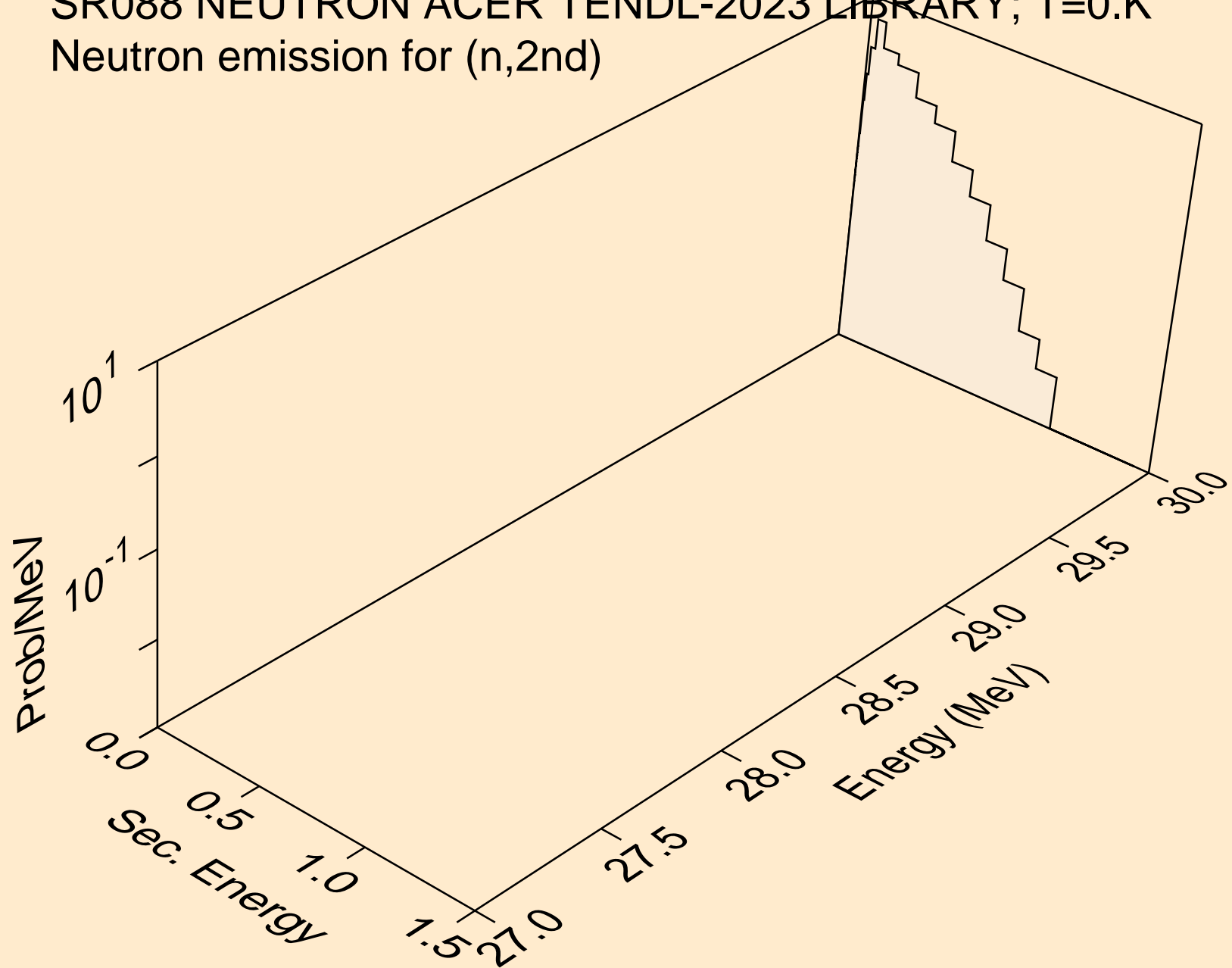
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angular distribution for (n,n\*25)



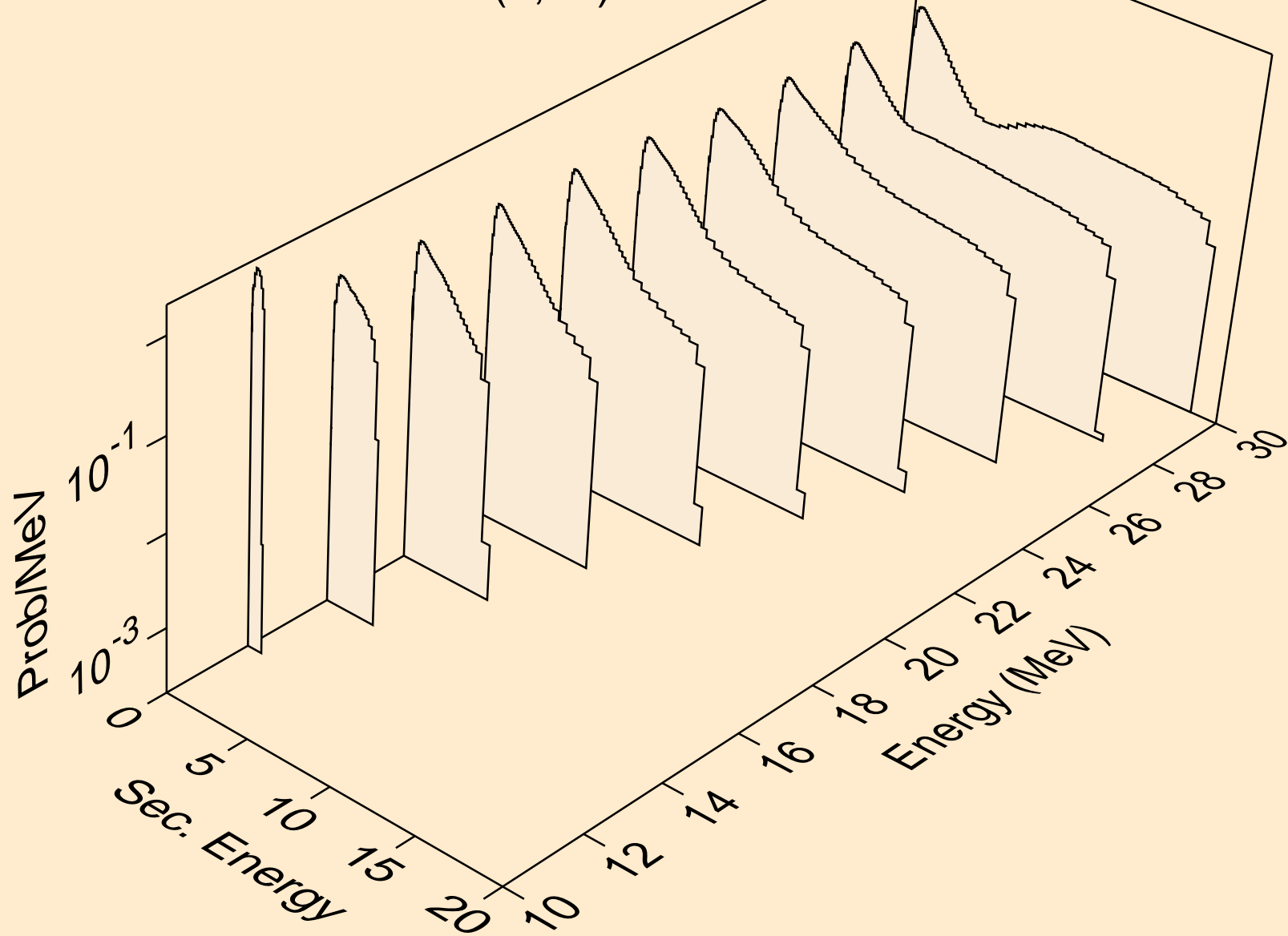
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



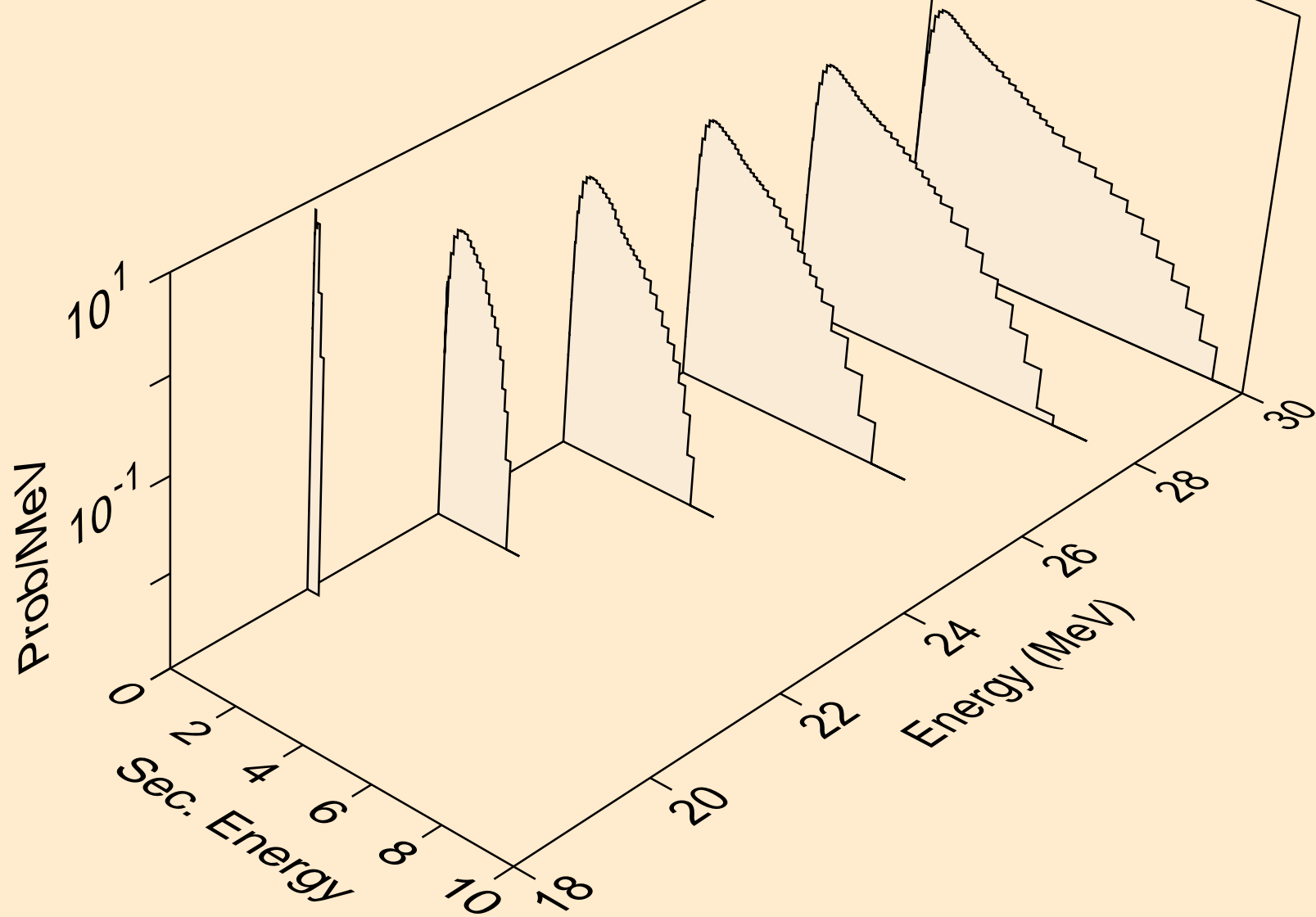
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

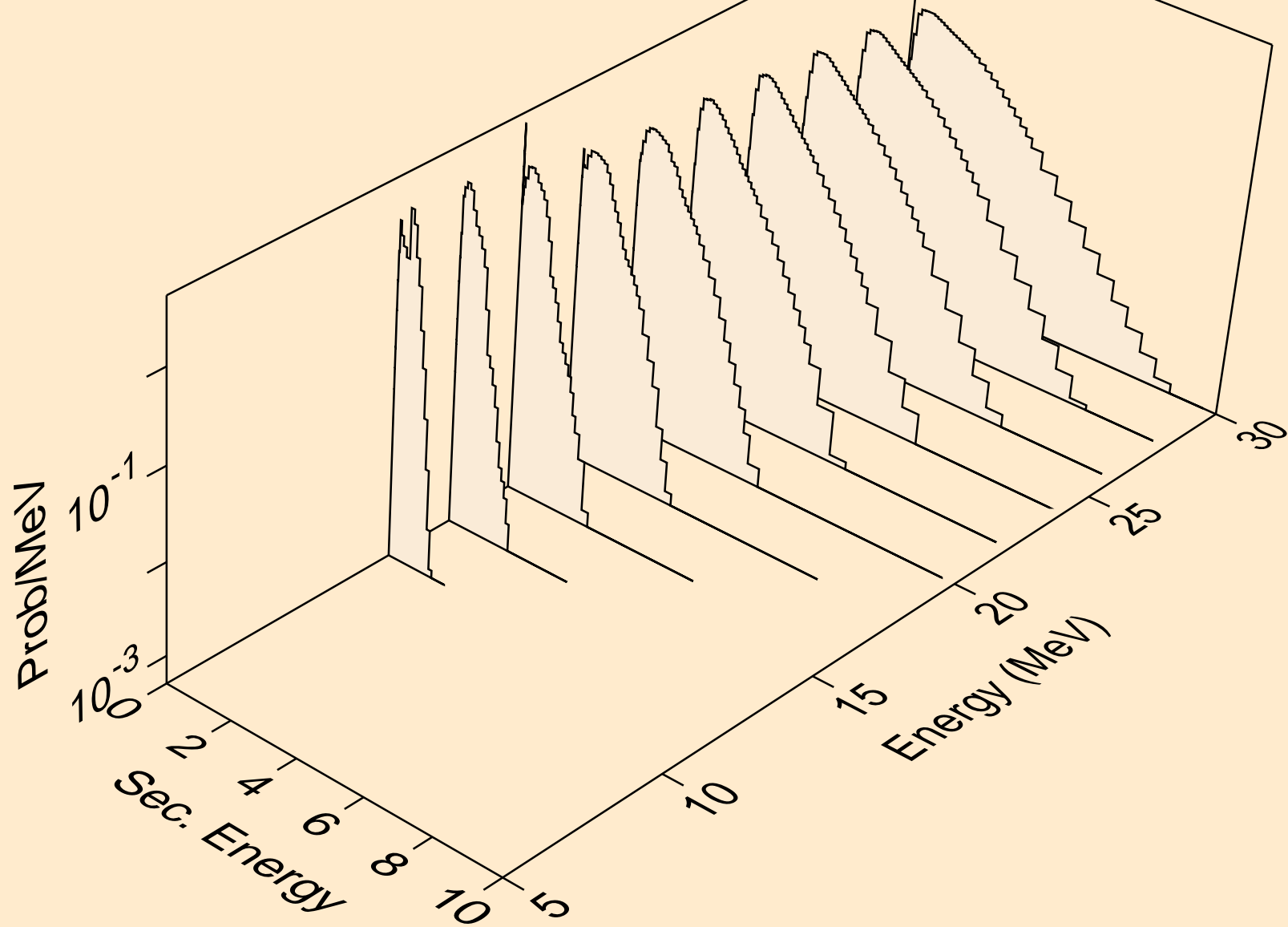


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

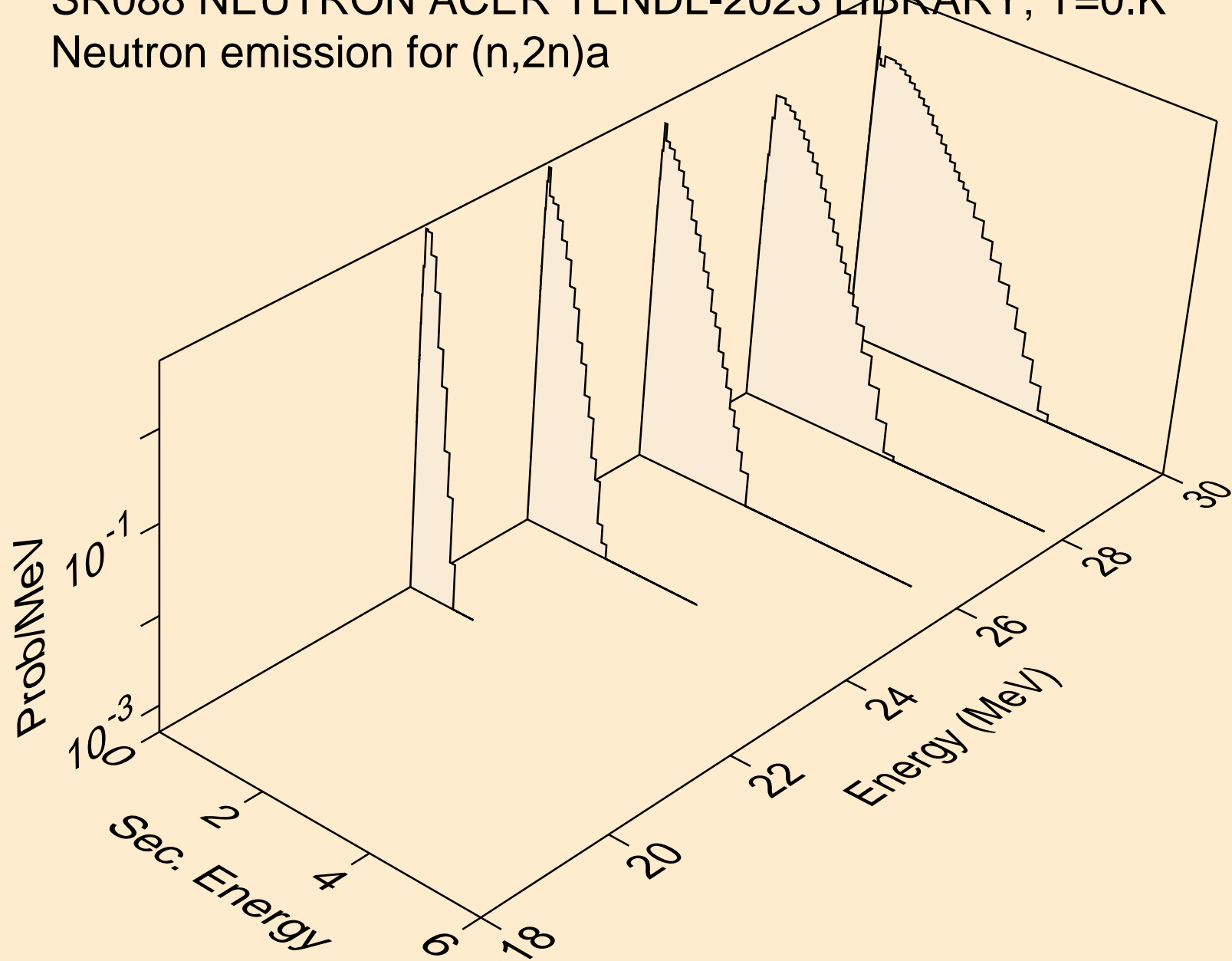




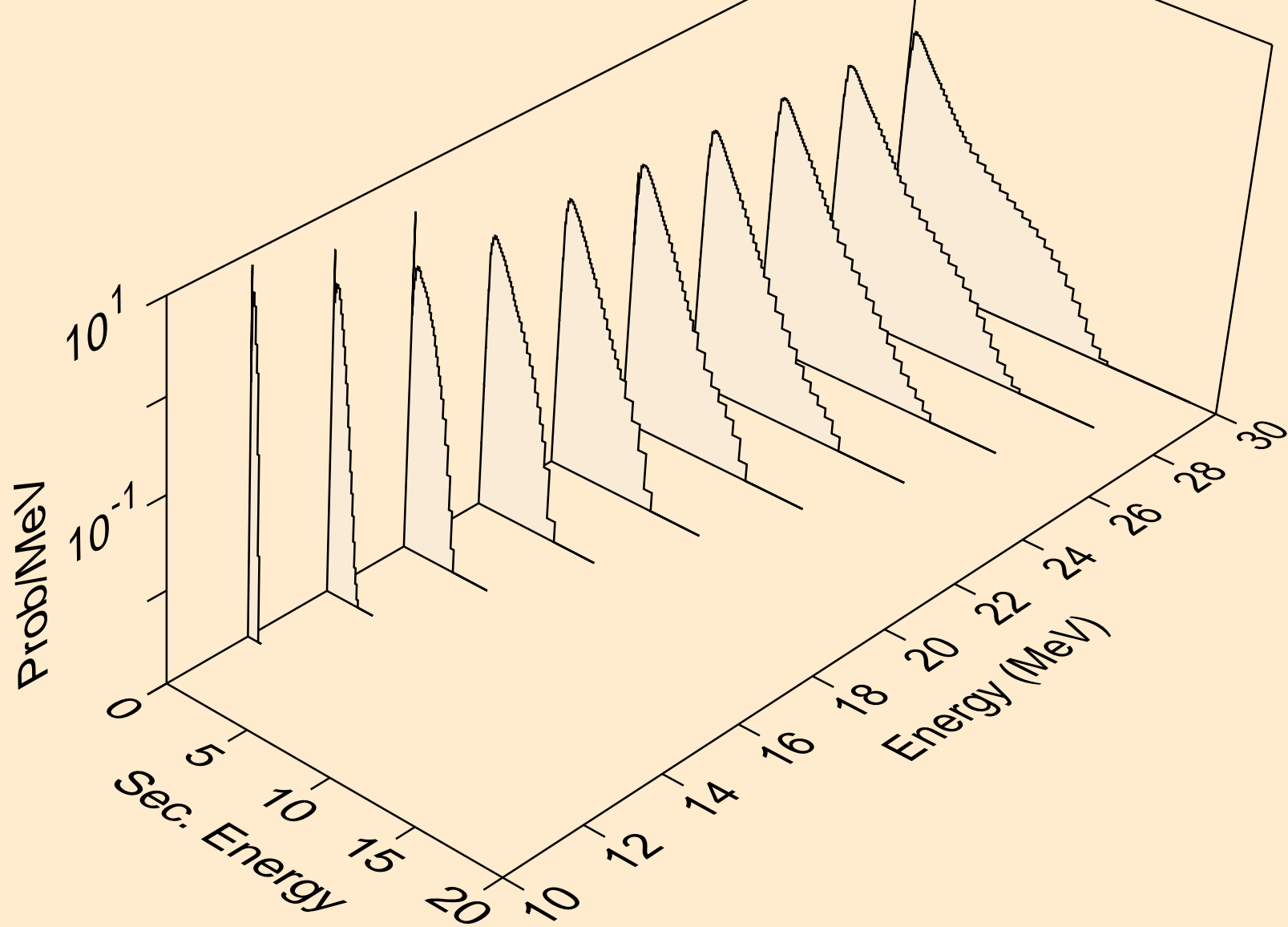
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



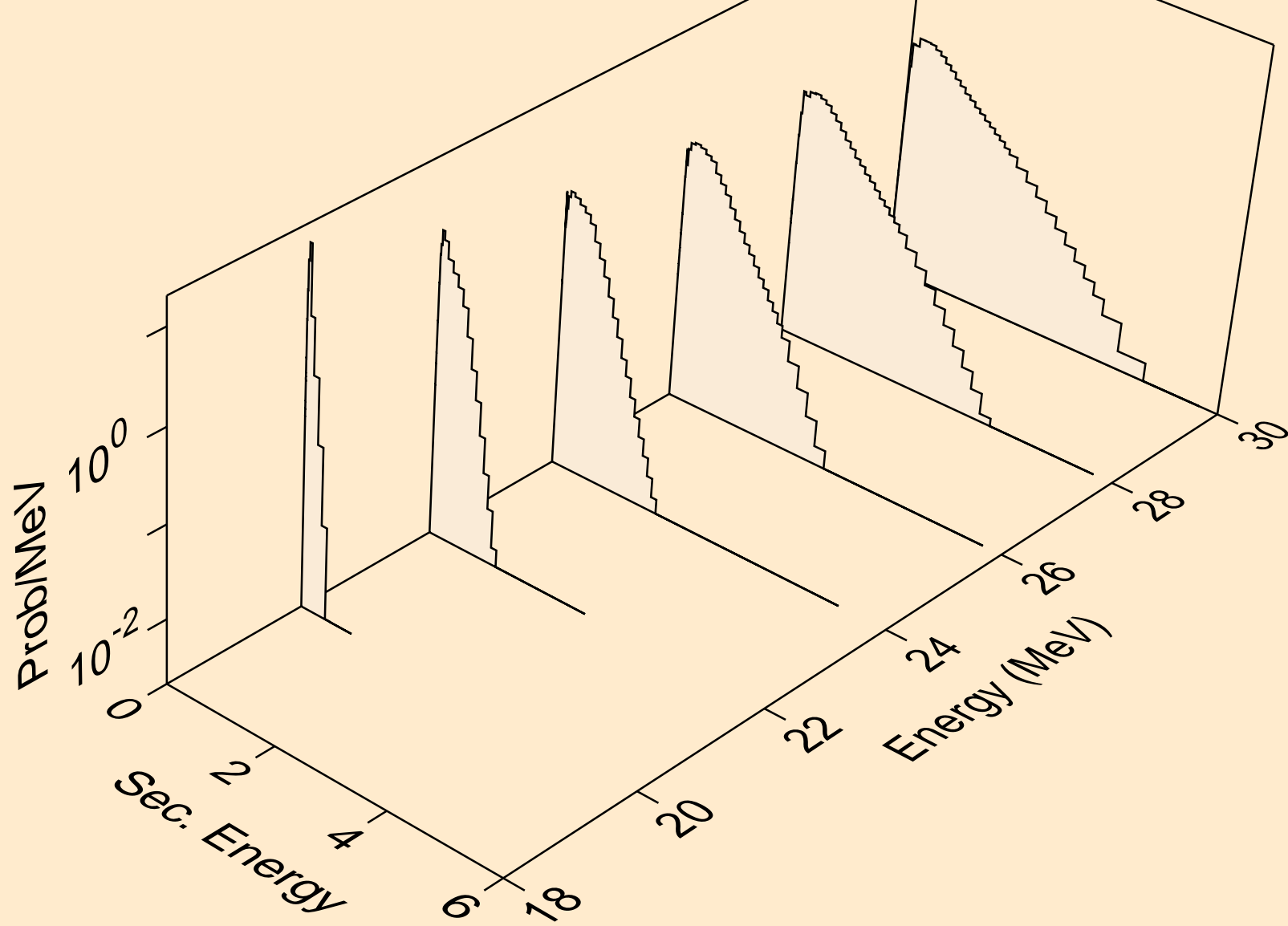
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



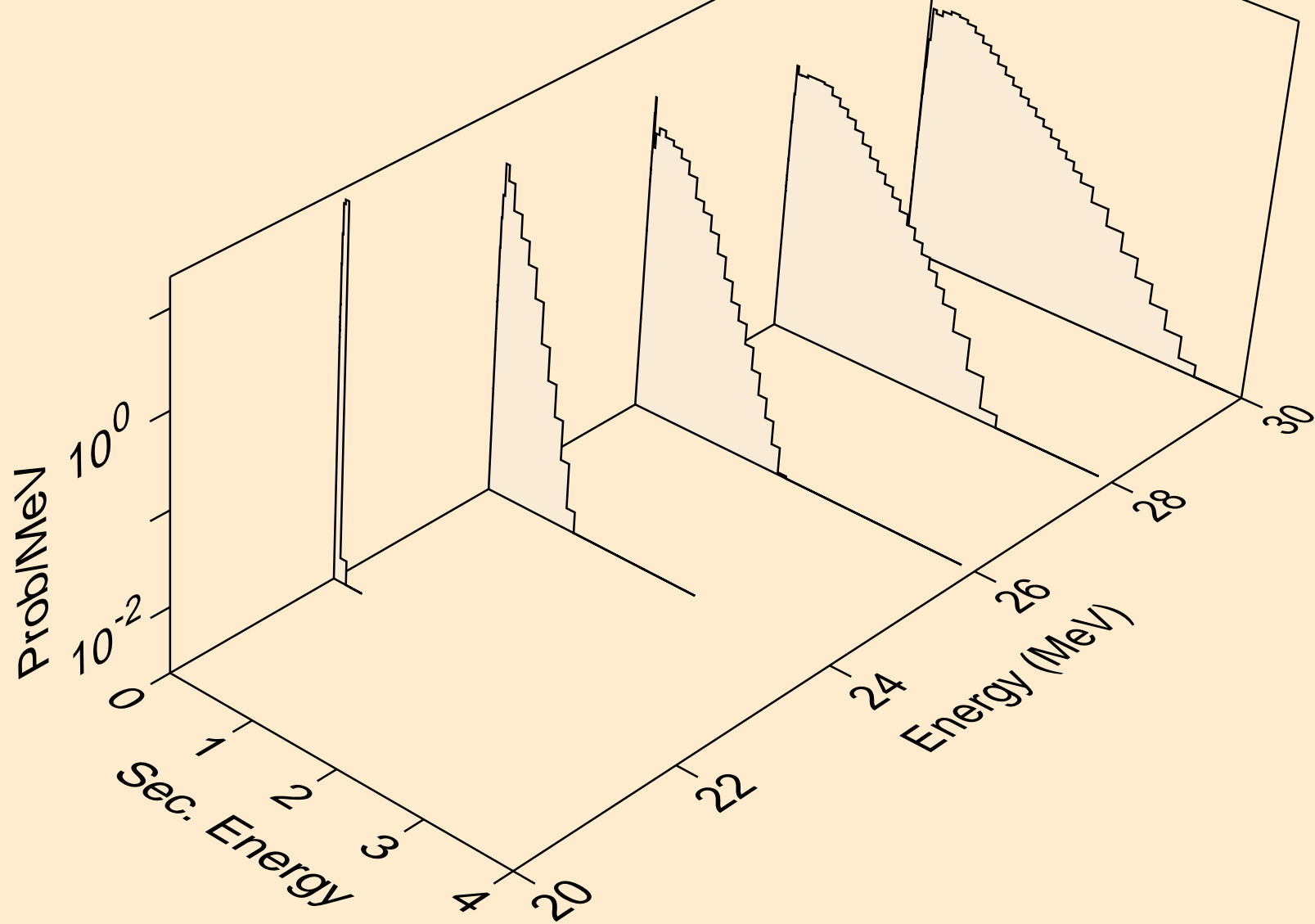
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



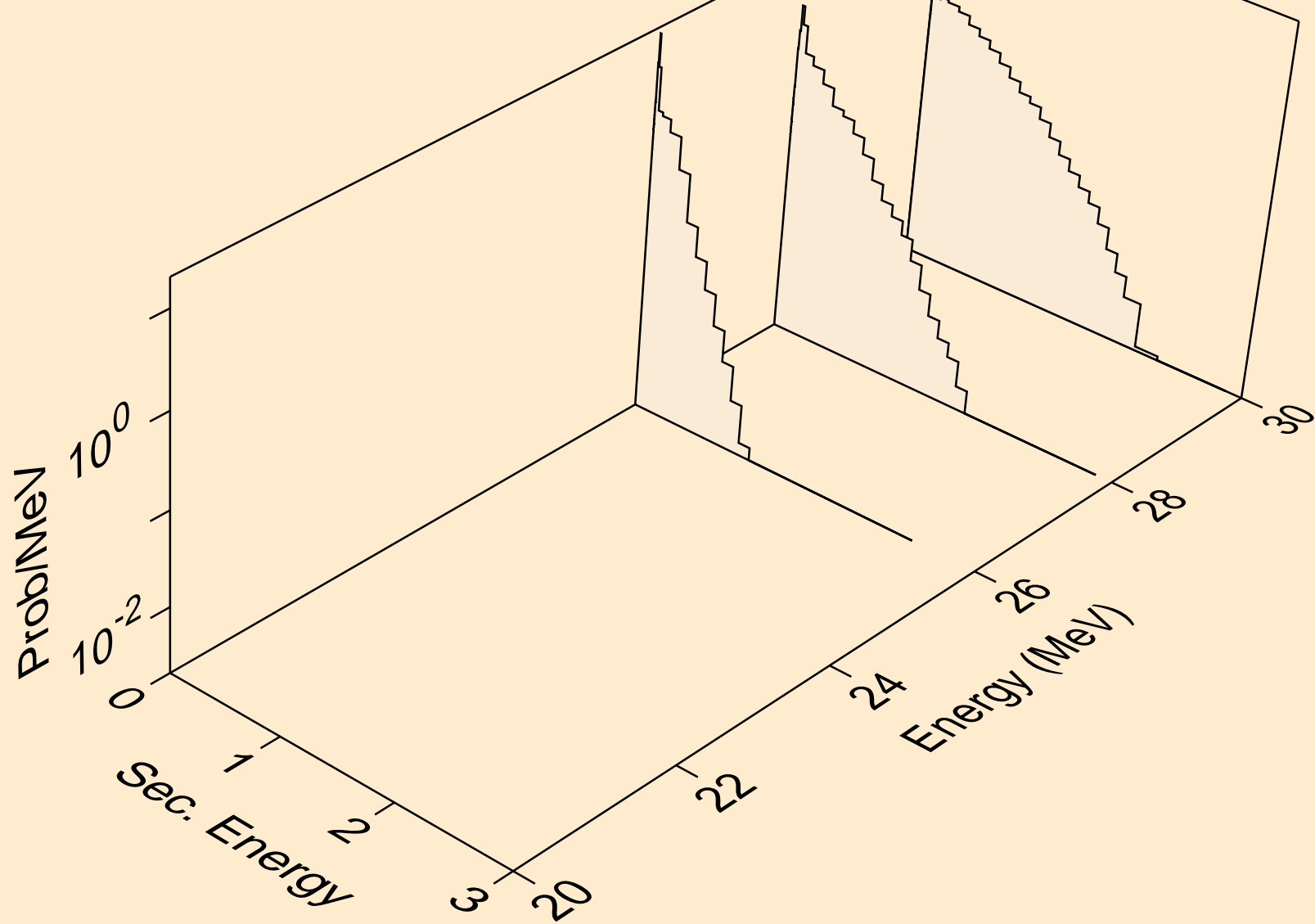
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



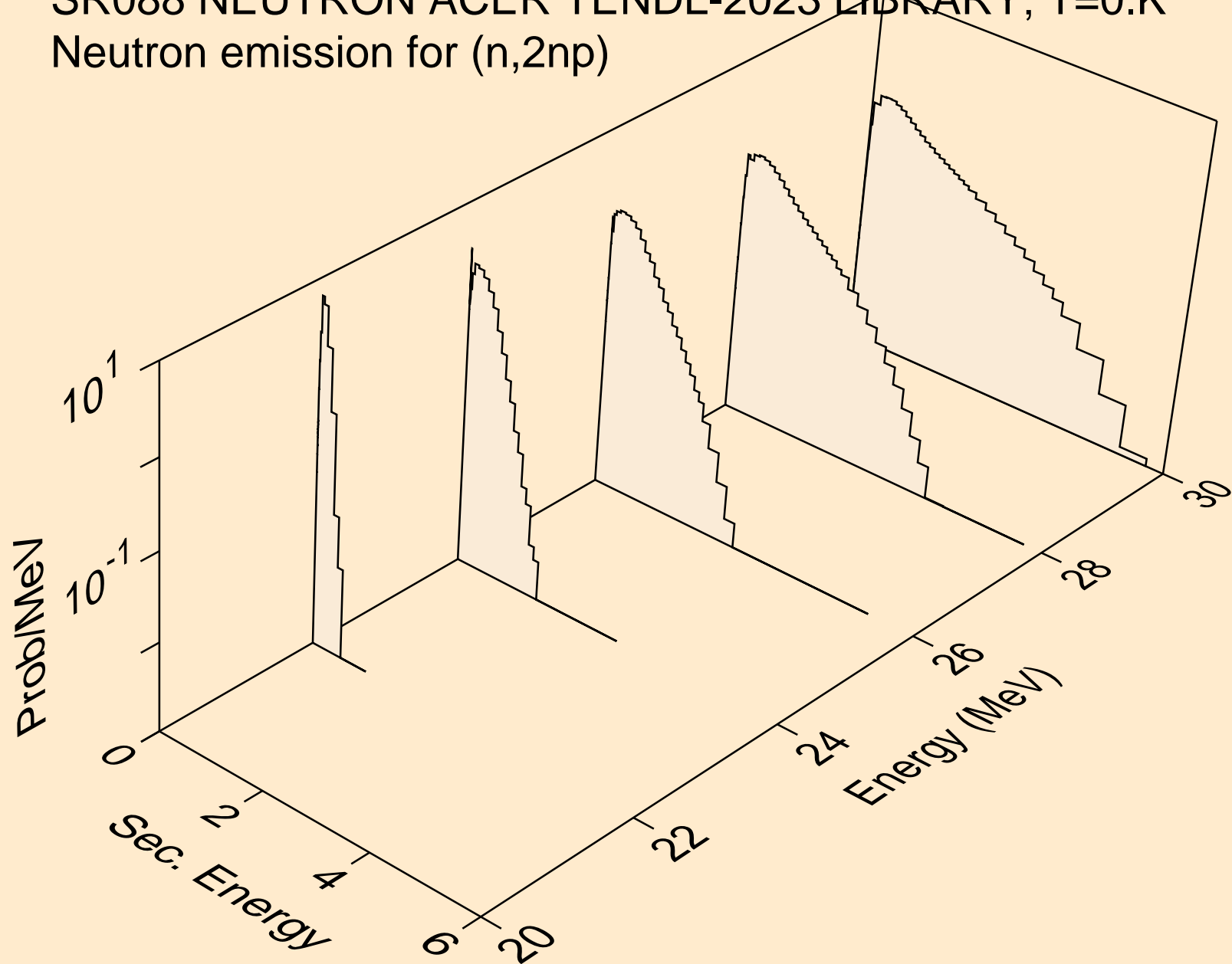
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



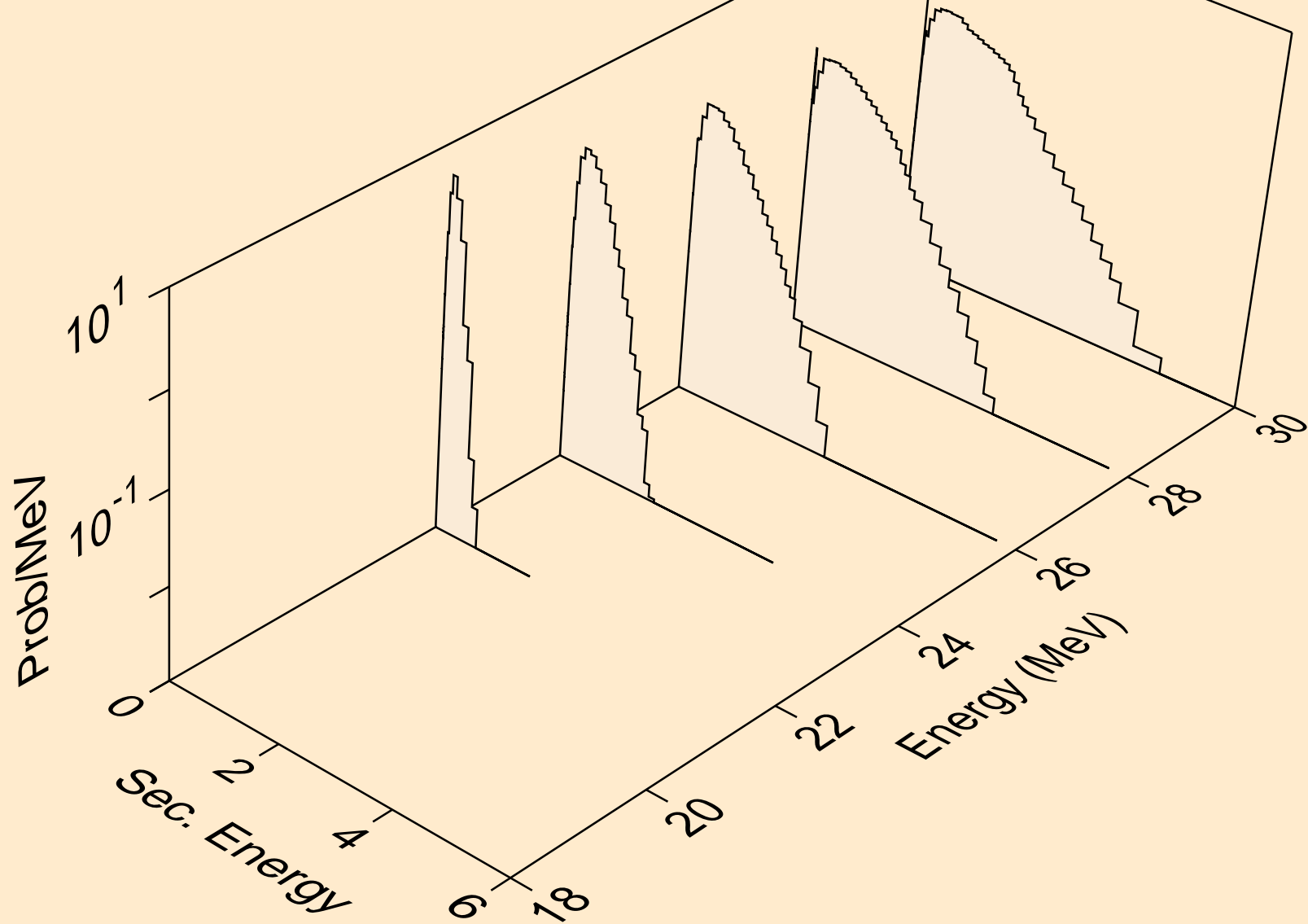
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

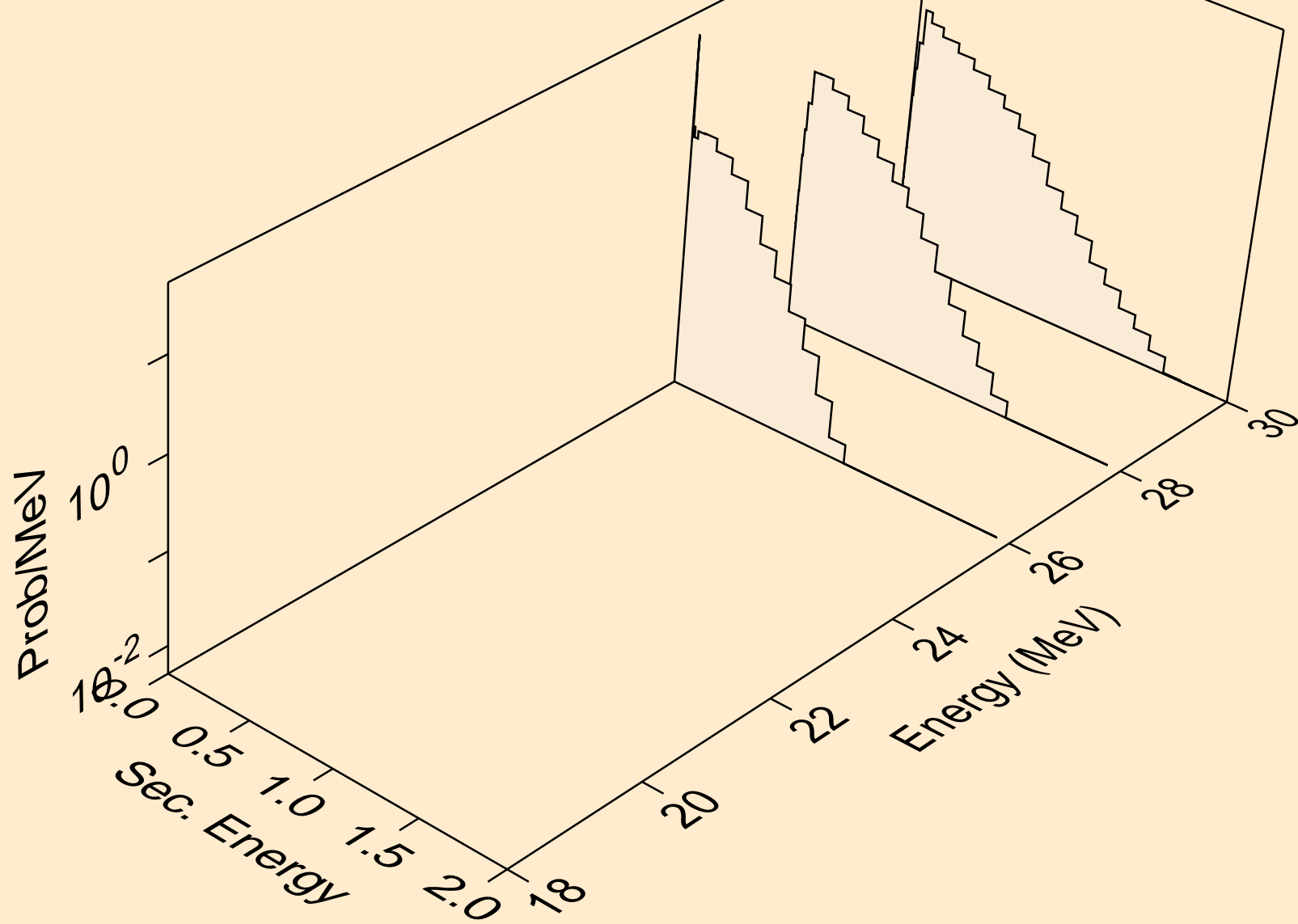


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

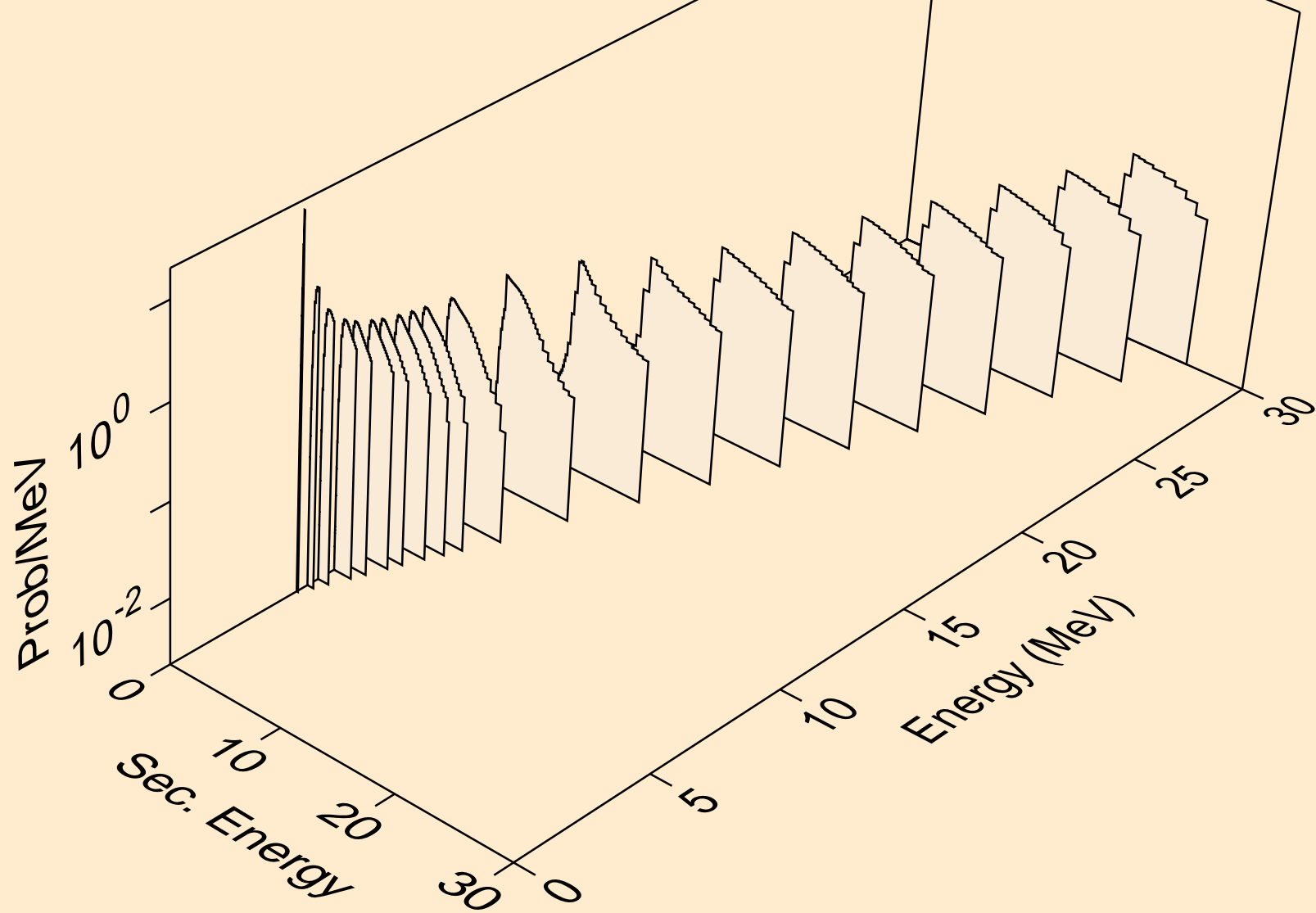




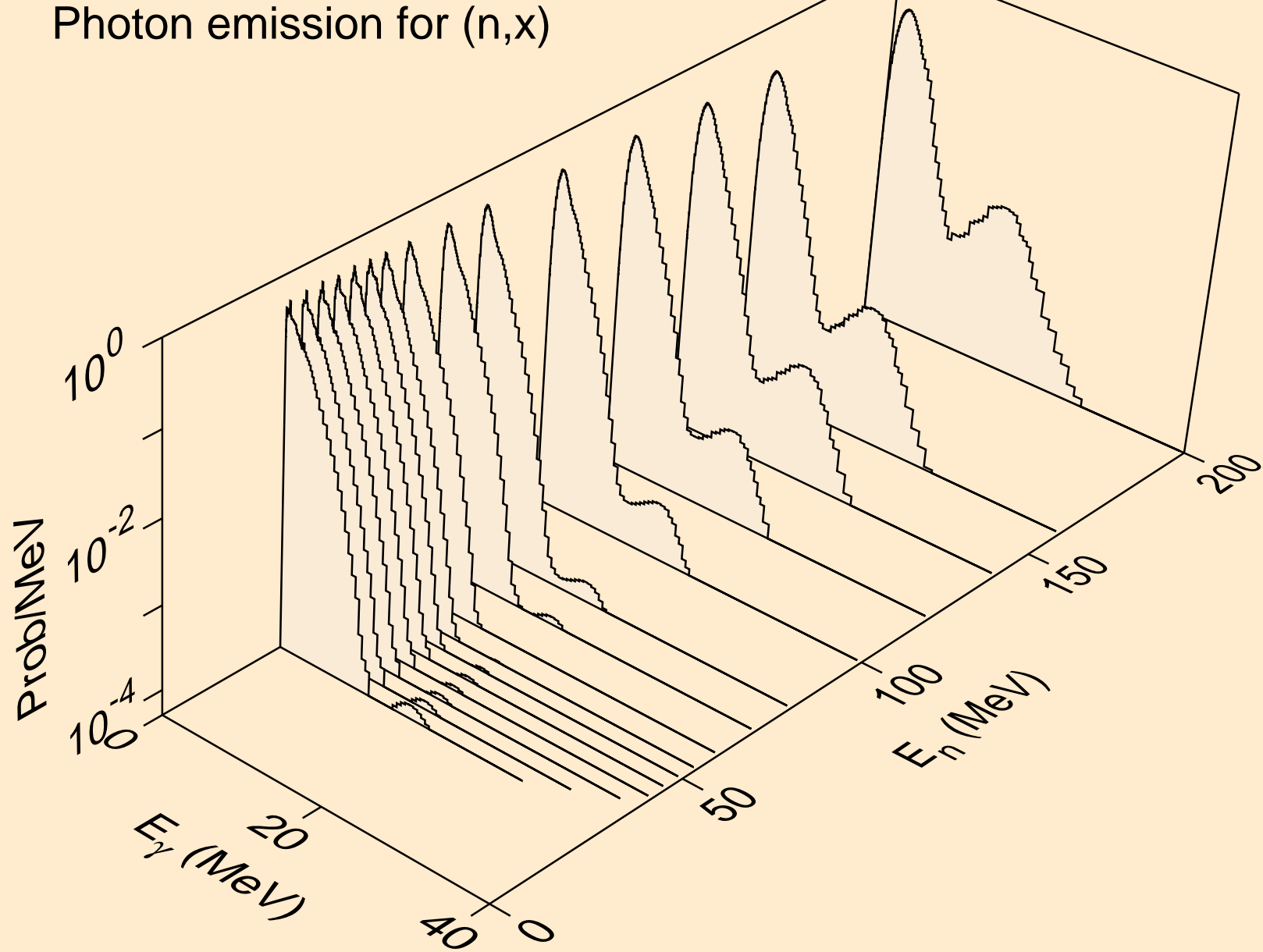
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



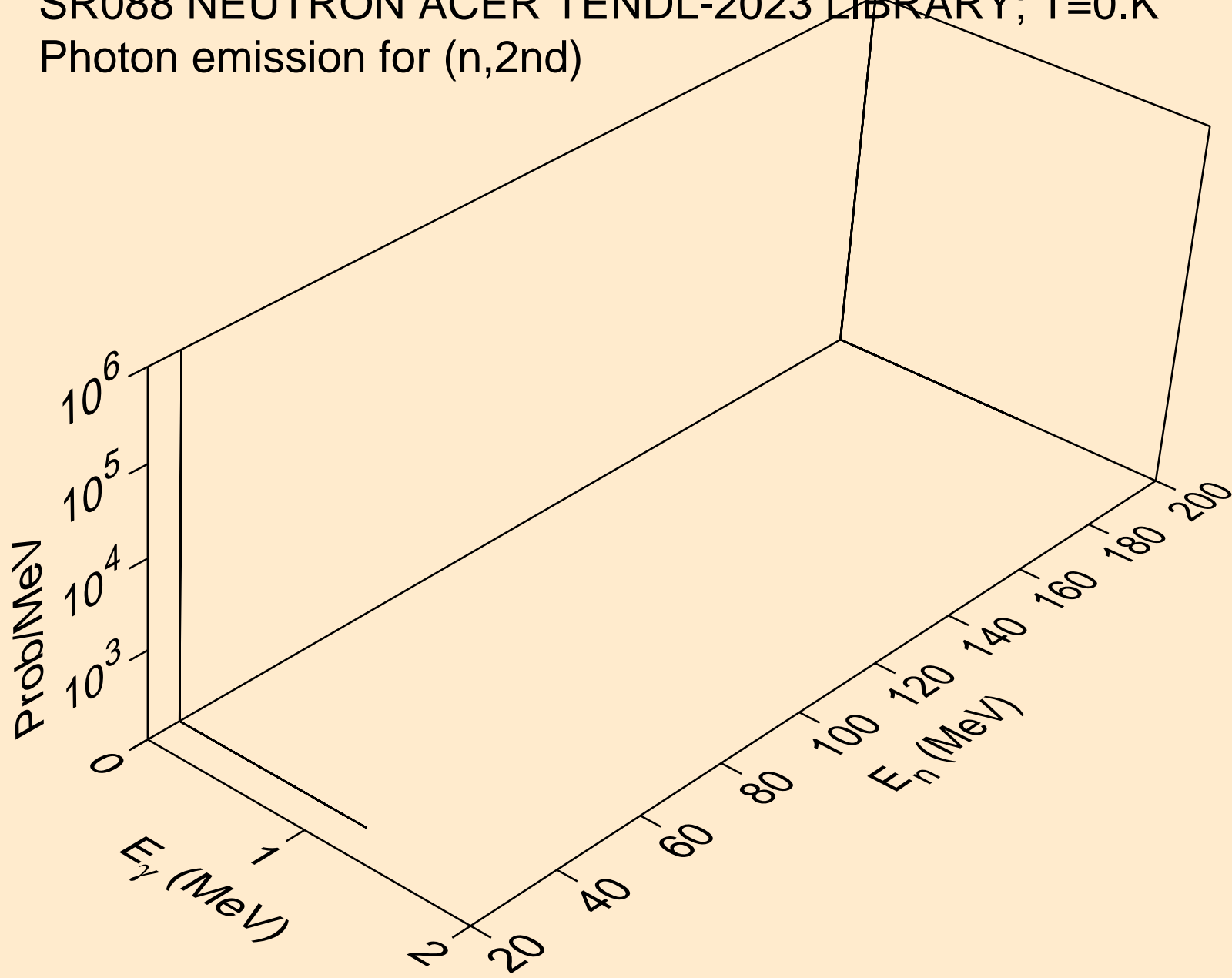
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



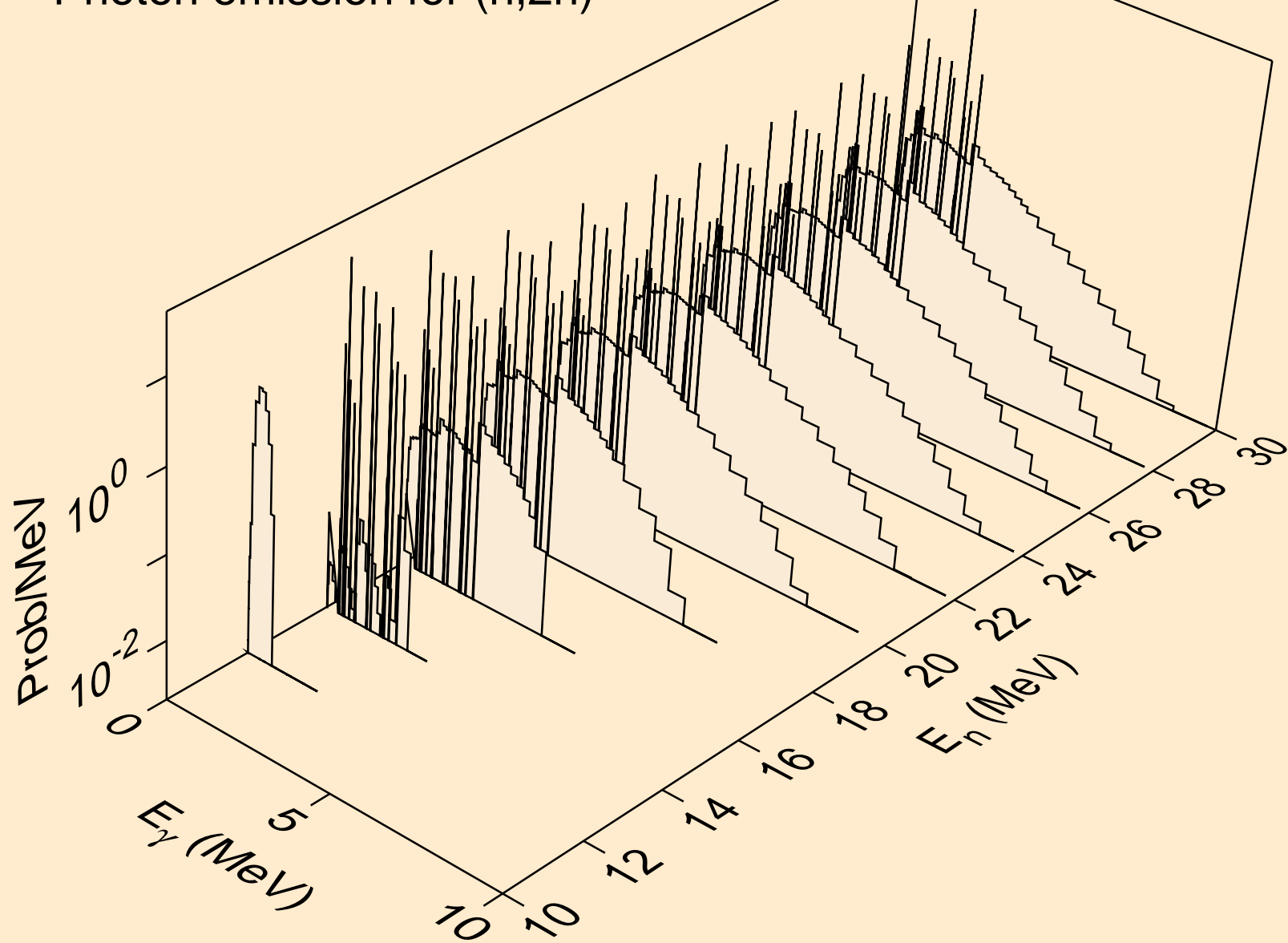
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



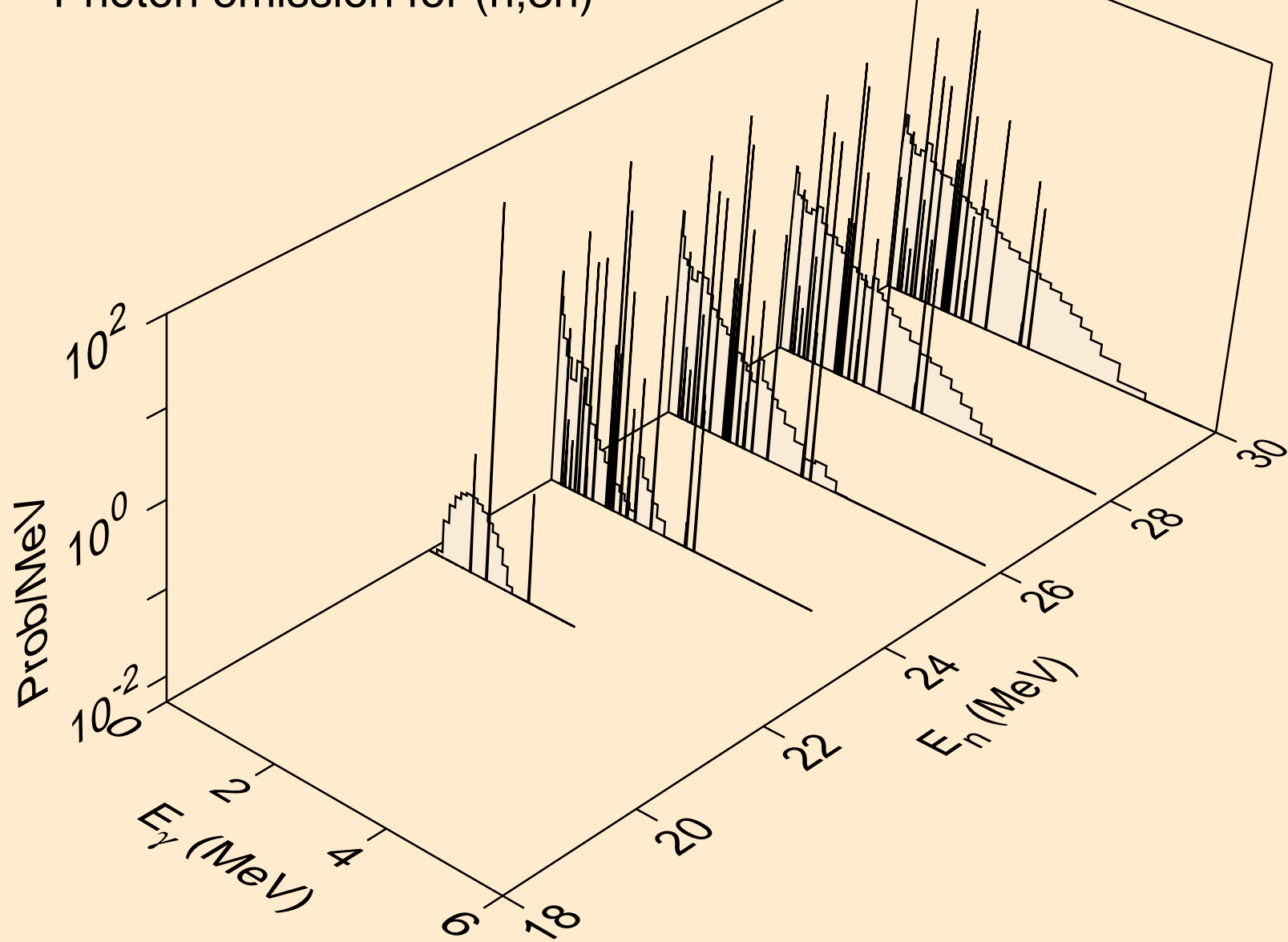
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



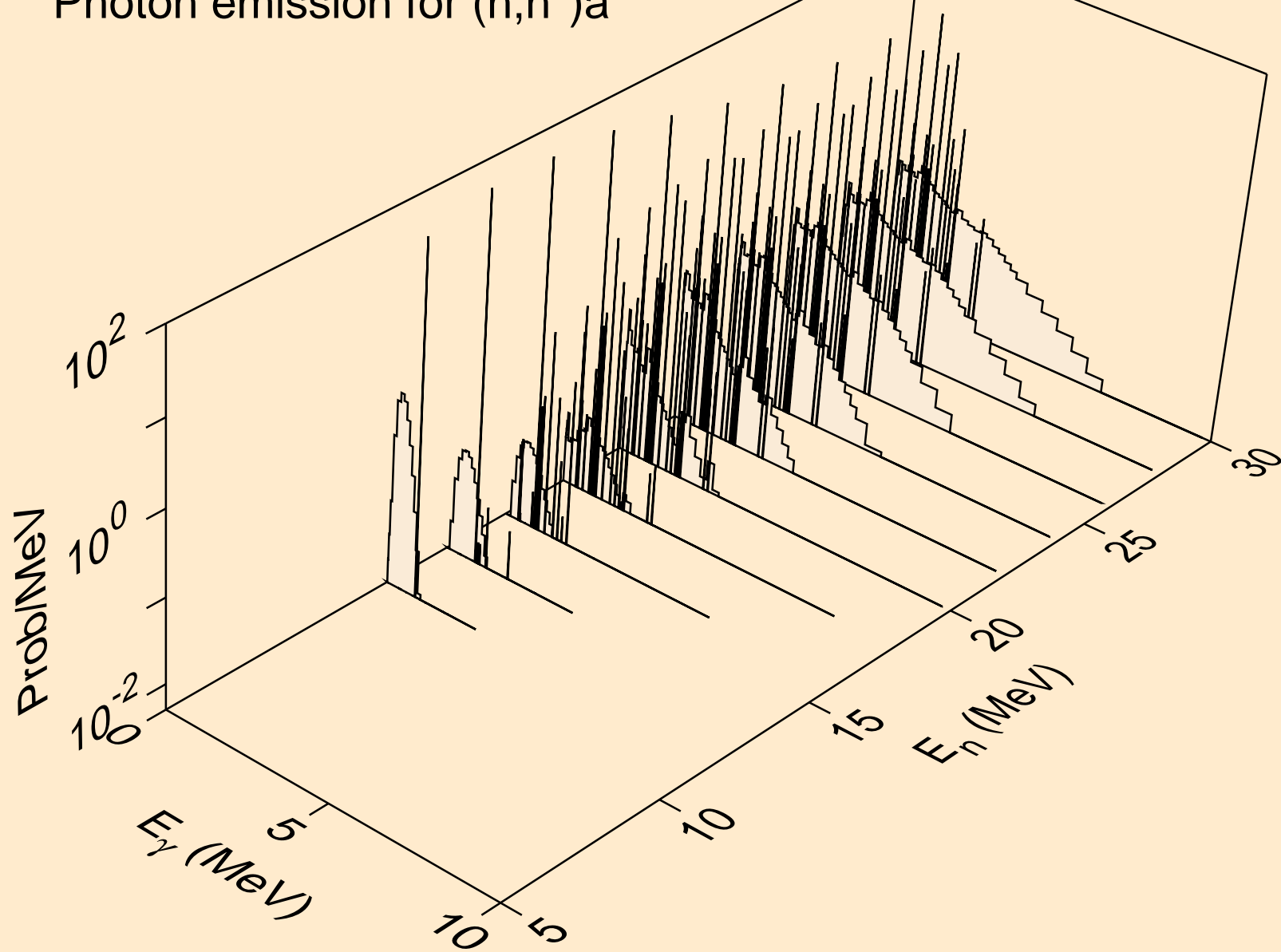
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



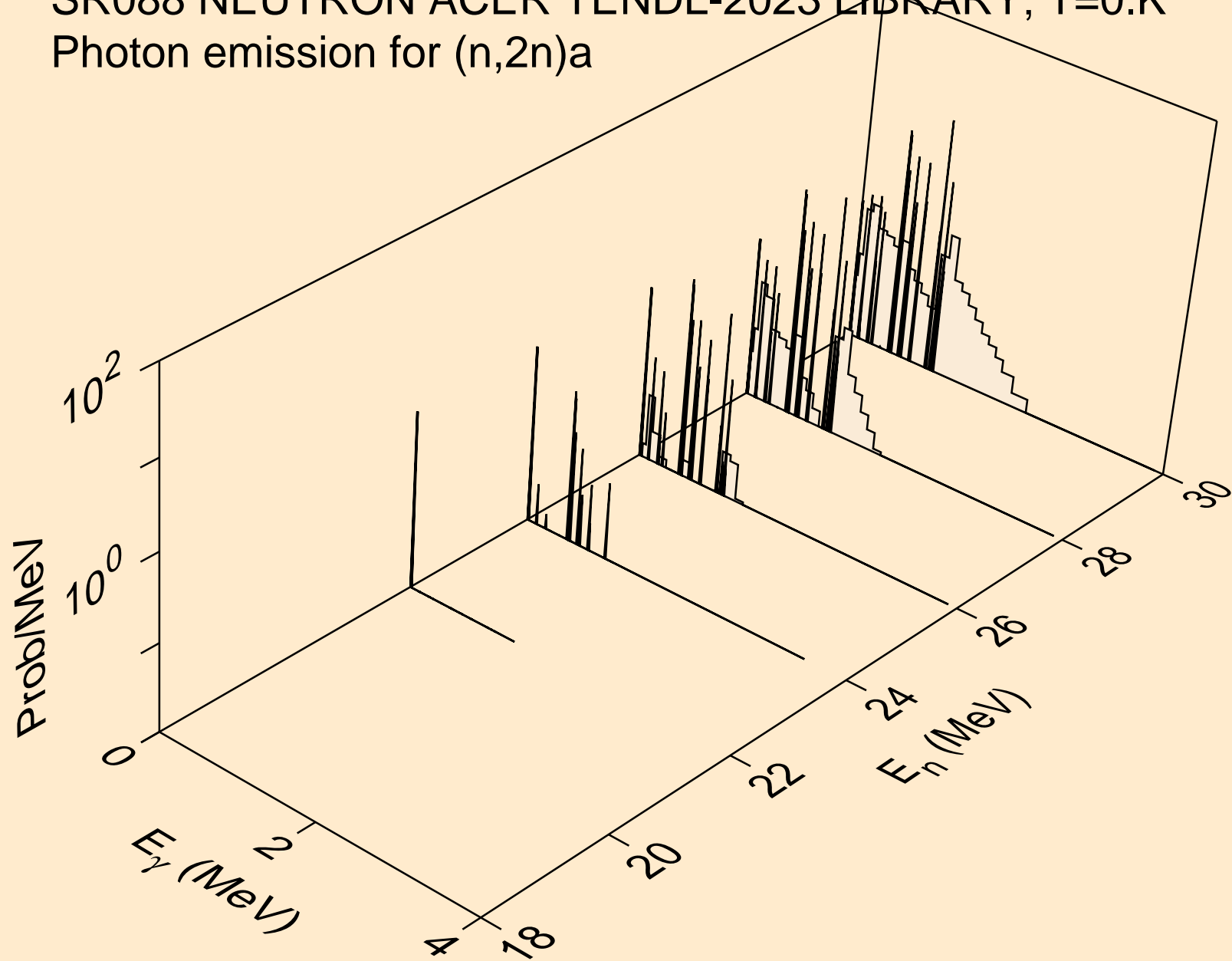
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

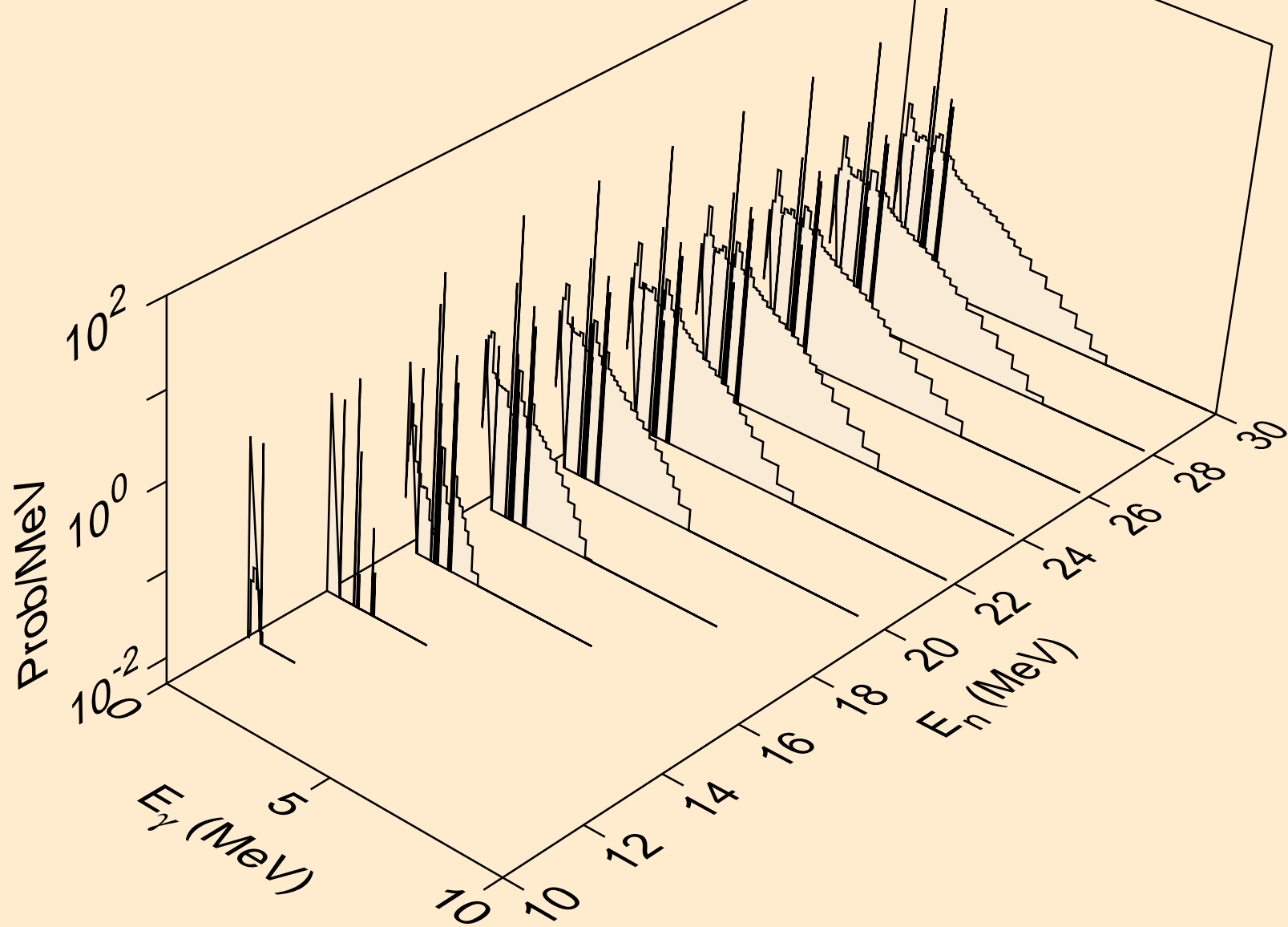


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

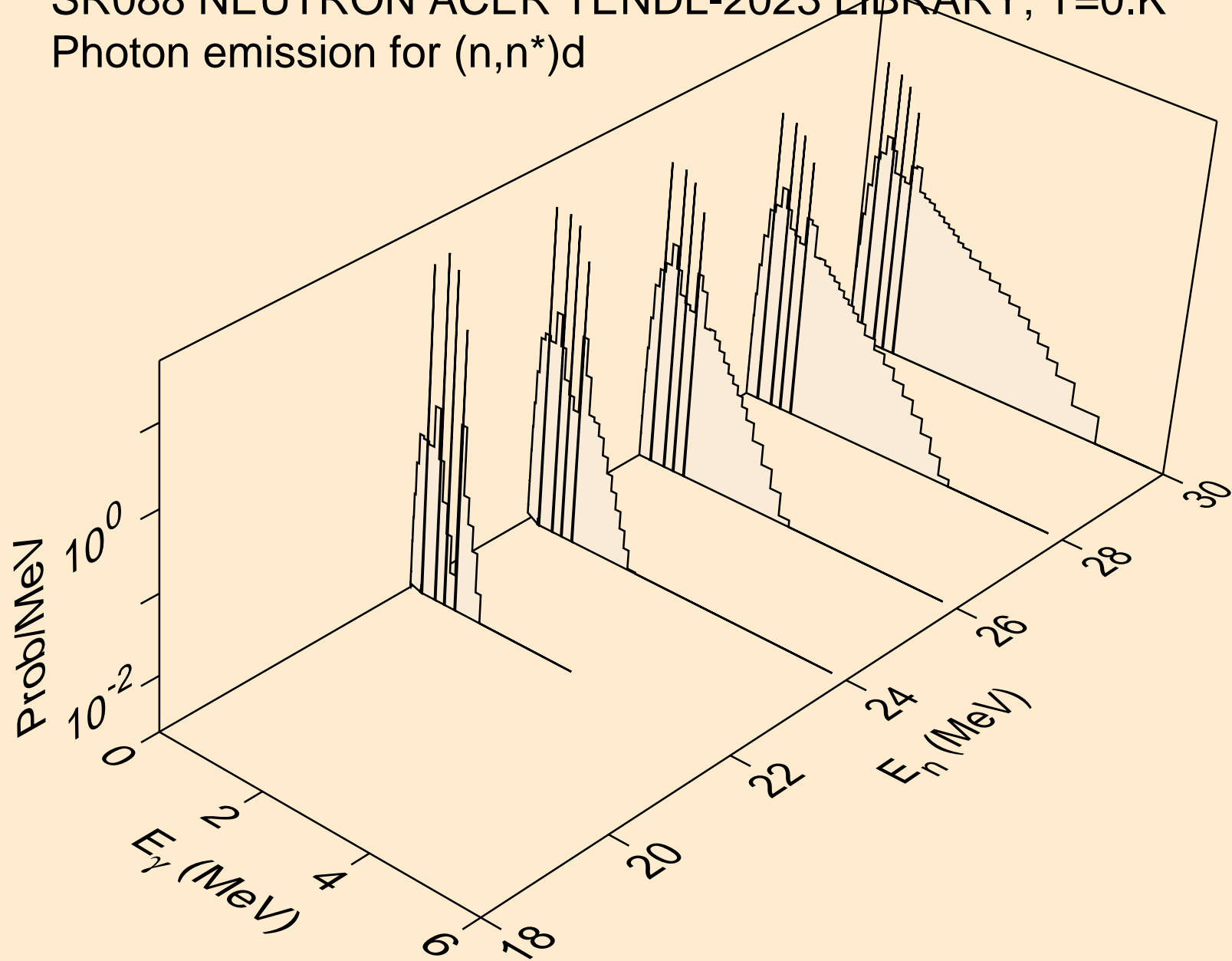




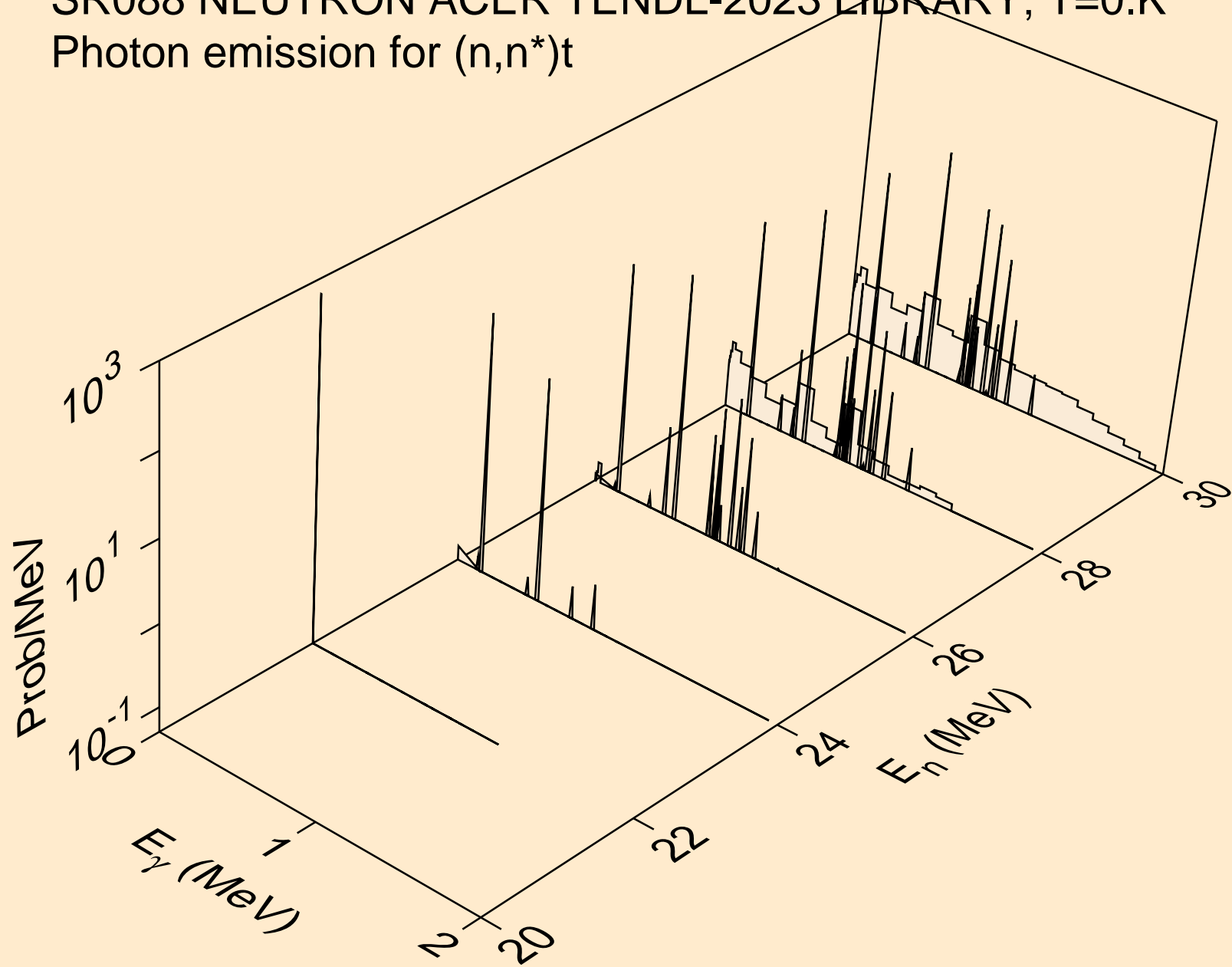
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Photon emission for (n,n\*)p



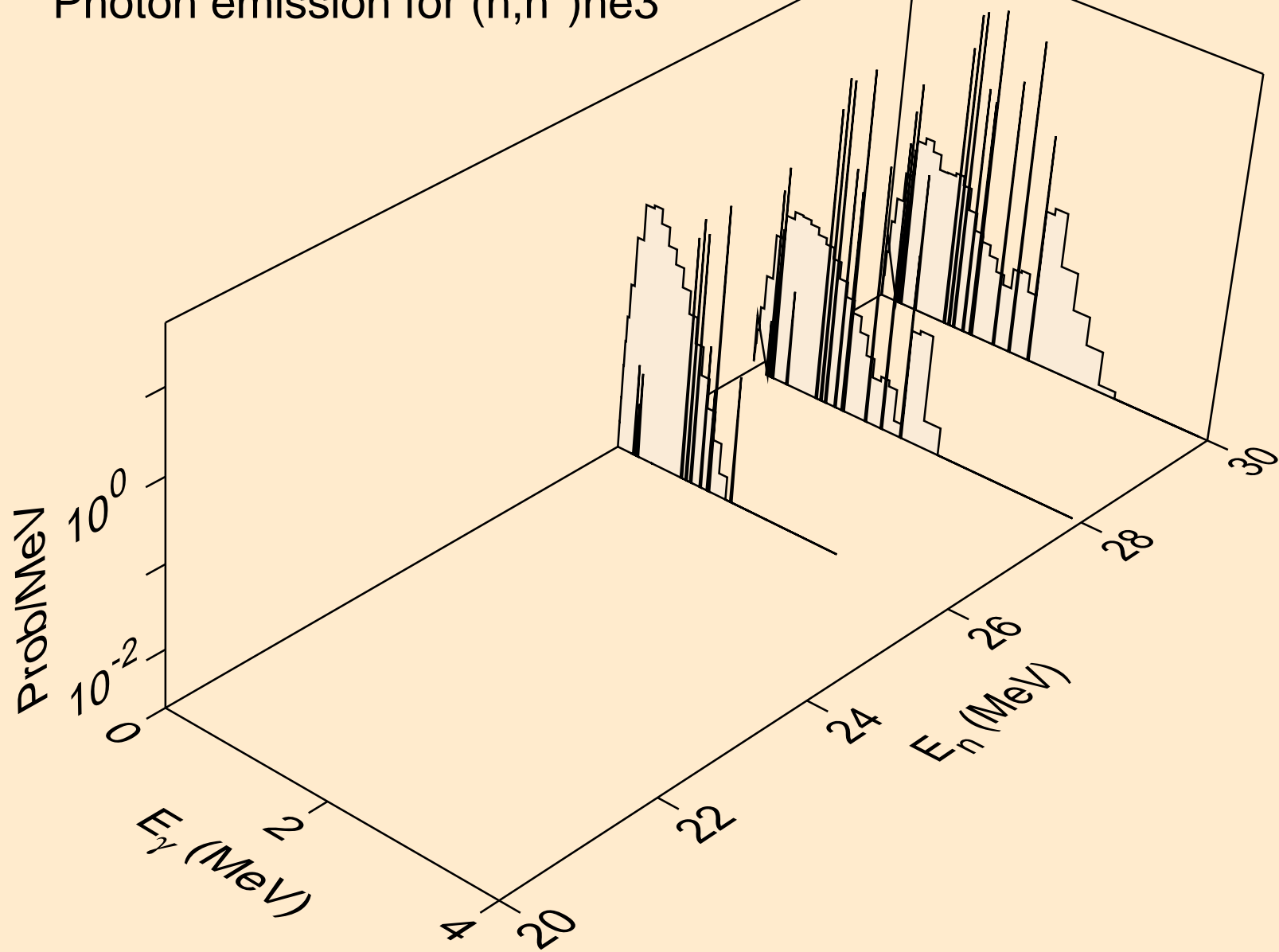
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Photon emission for (n,n\*)d



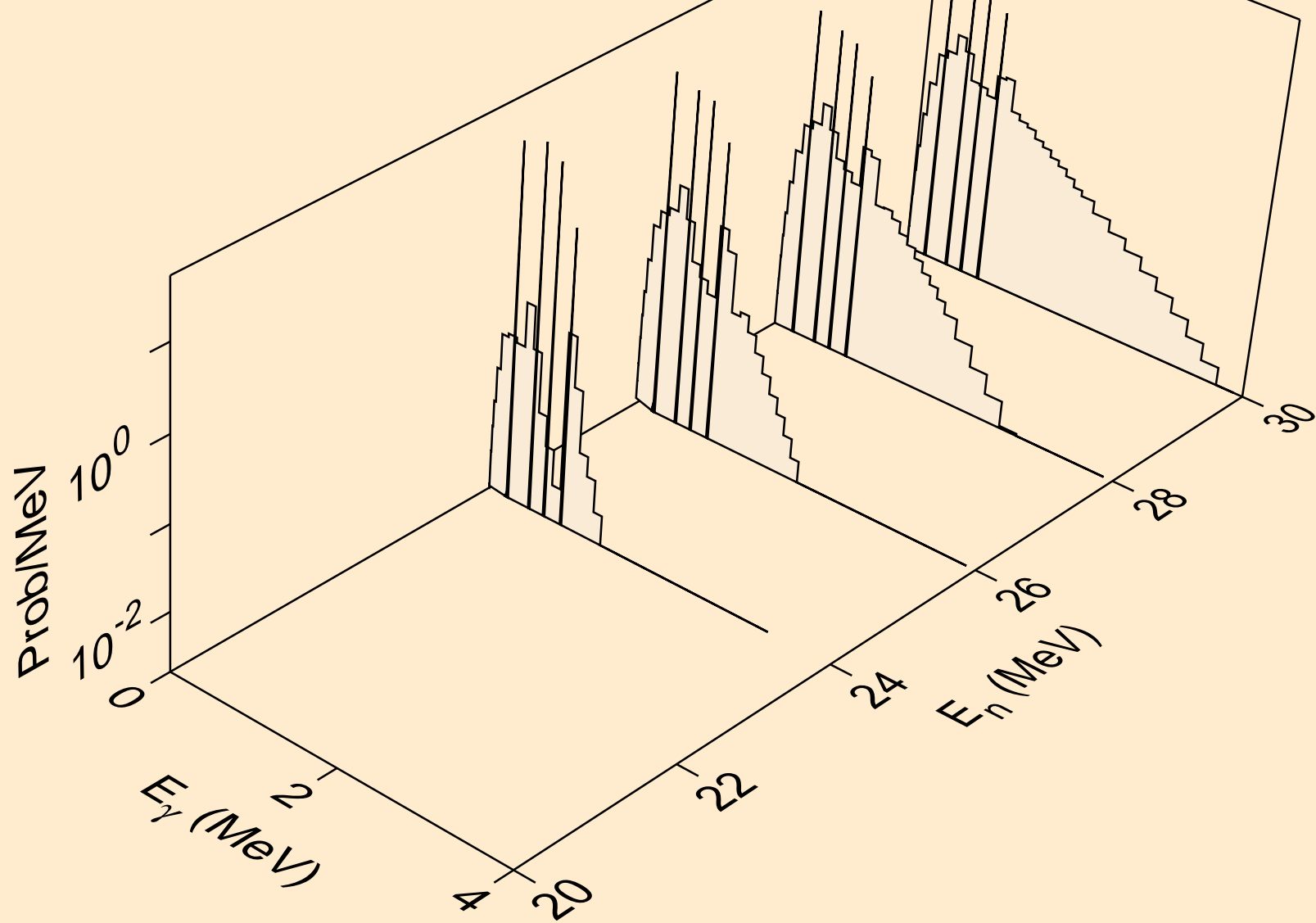
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Photon emission for (n,n\*)t



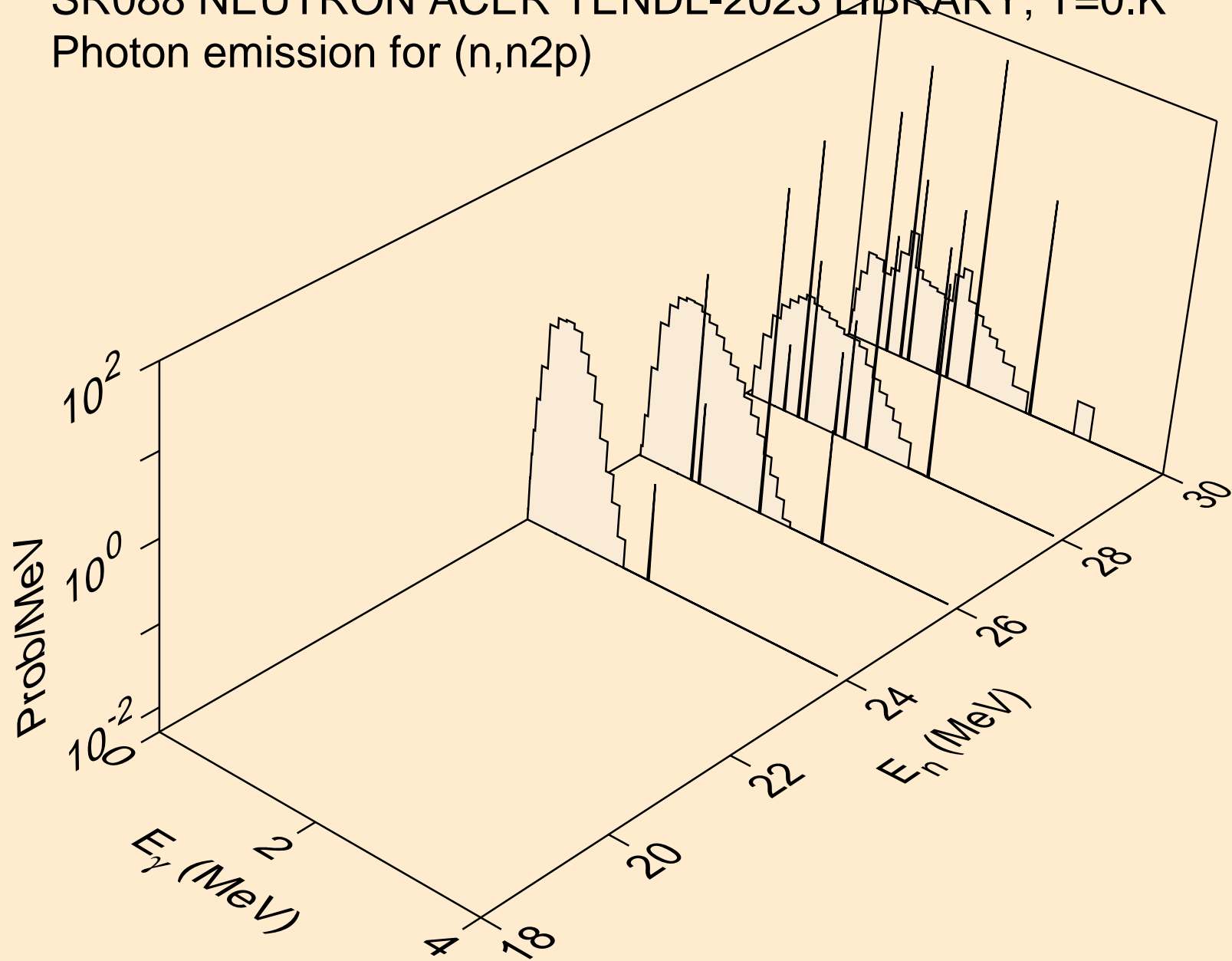
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Photon emission for (n,n\*)he3



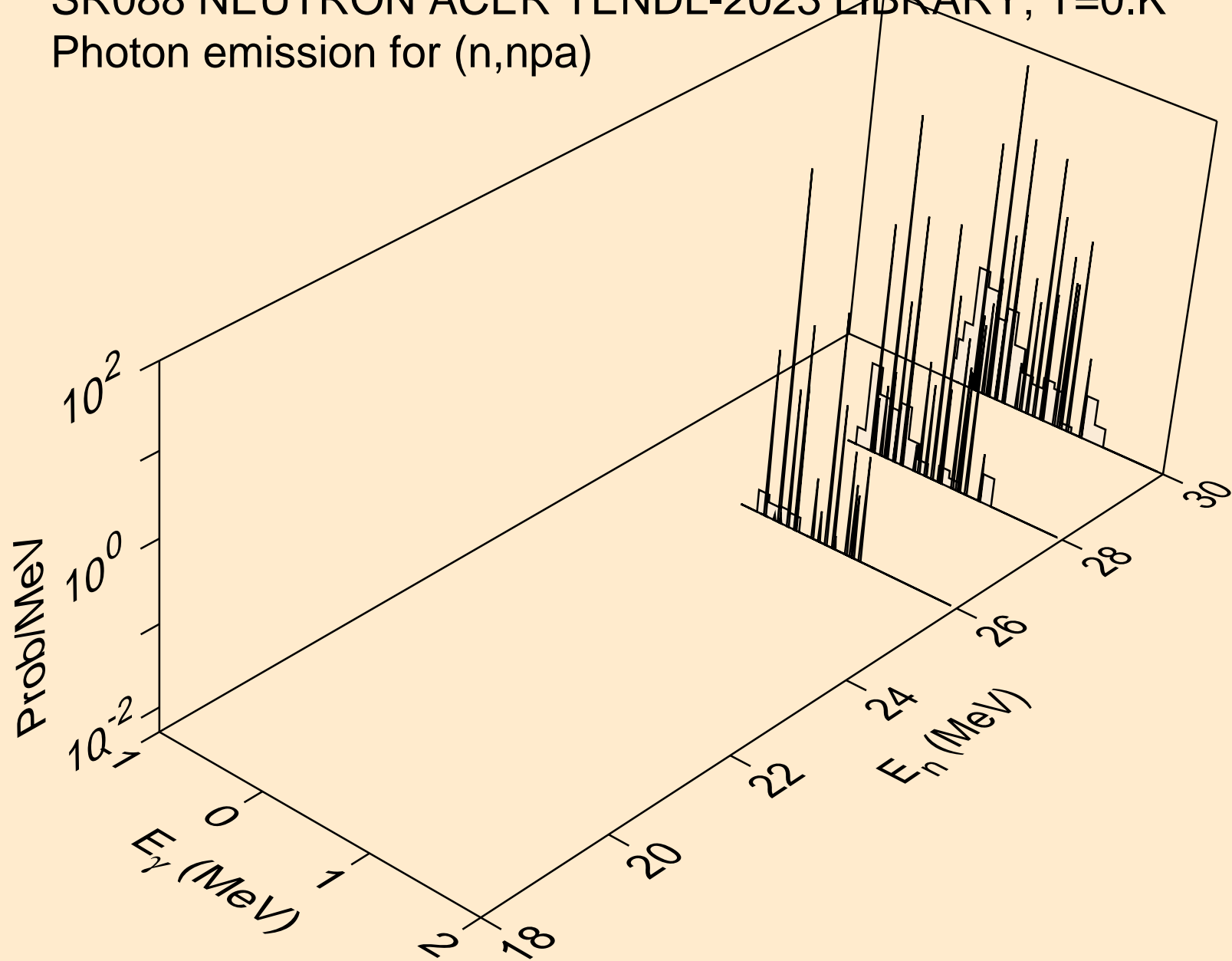
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Photon emission for (n,2np)



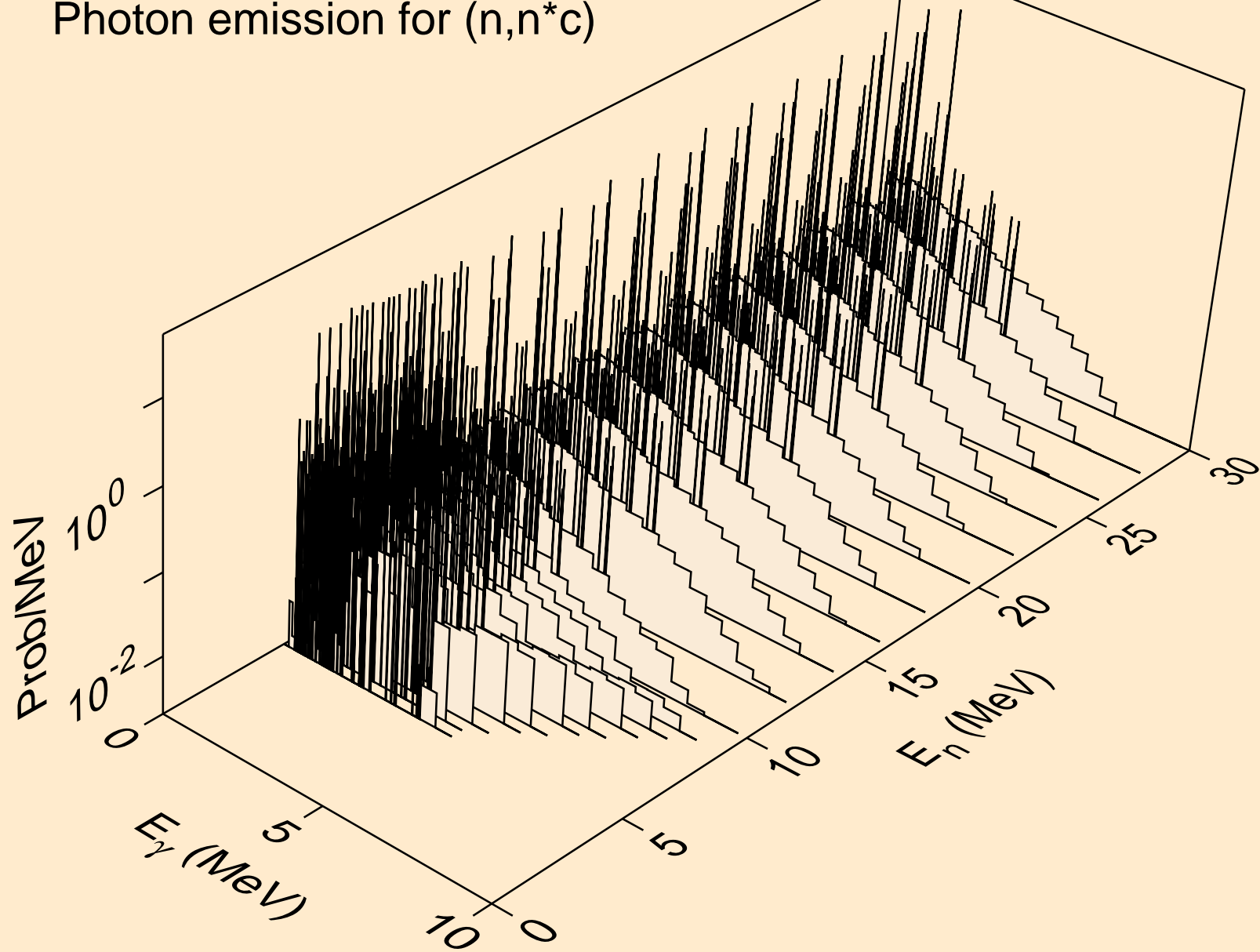
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

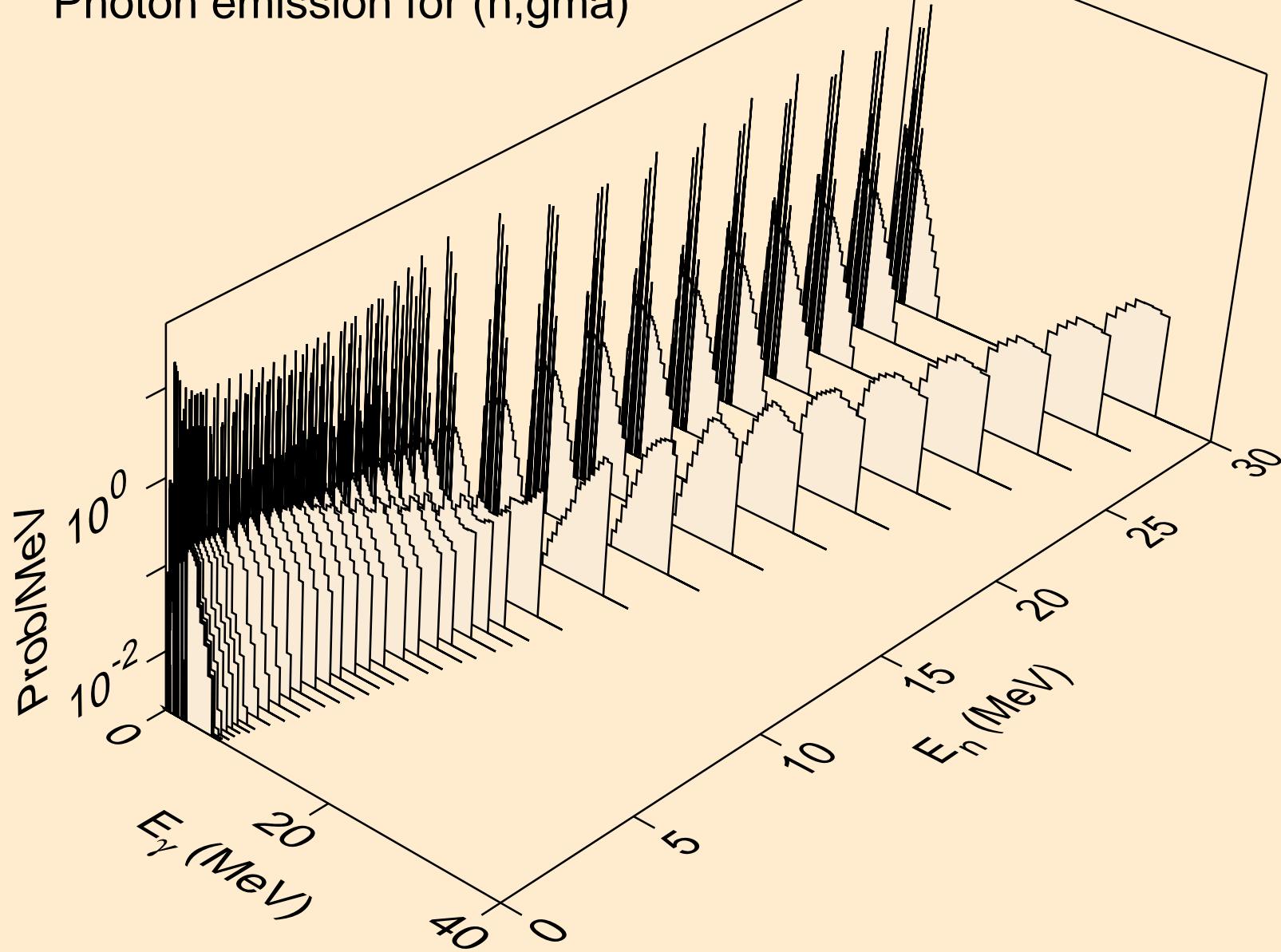


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

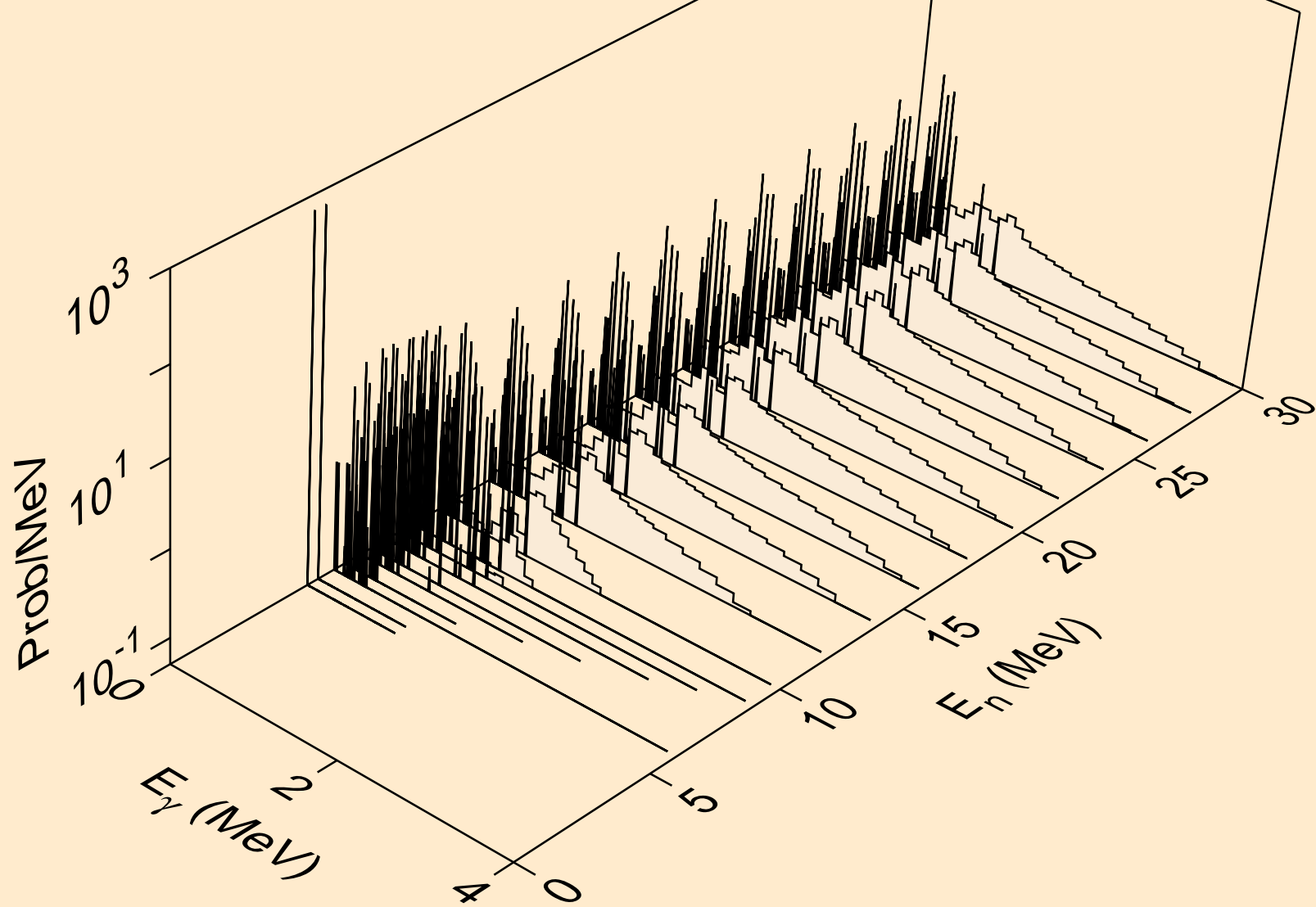




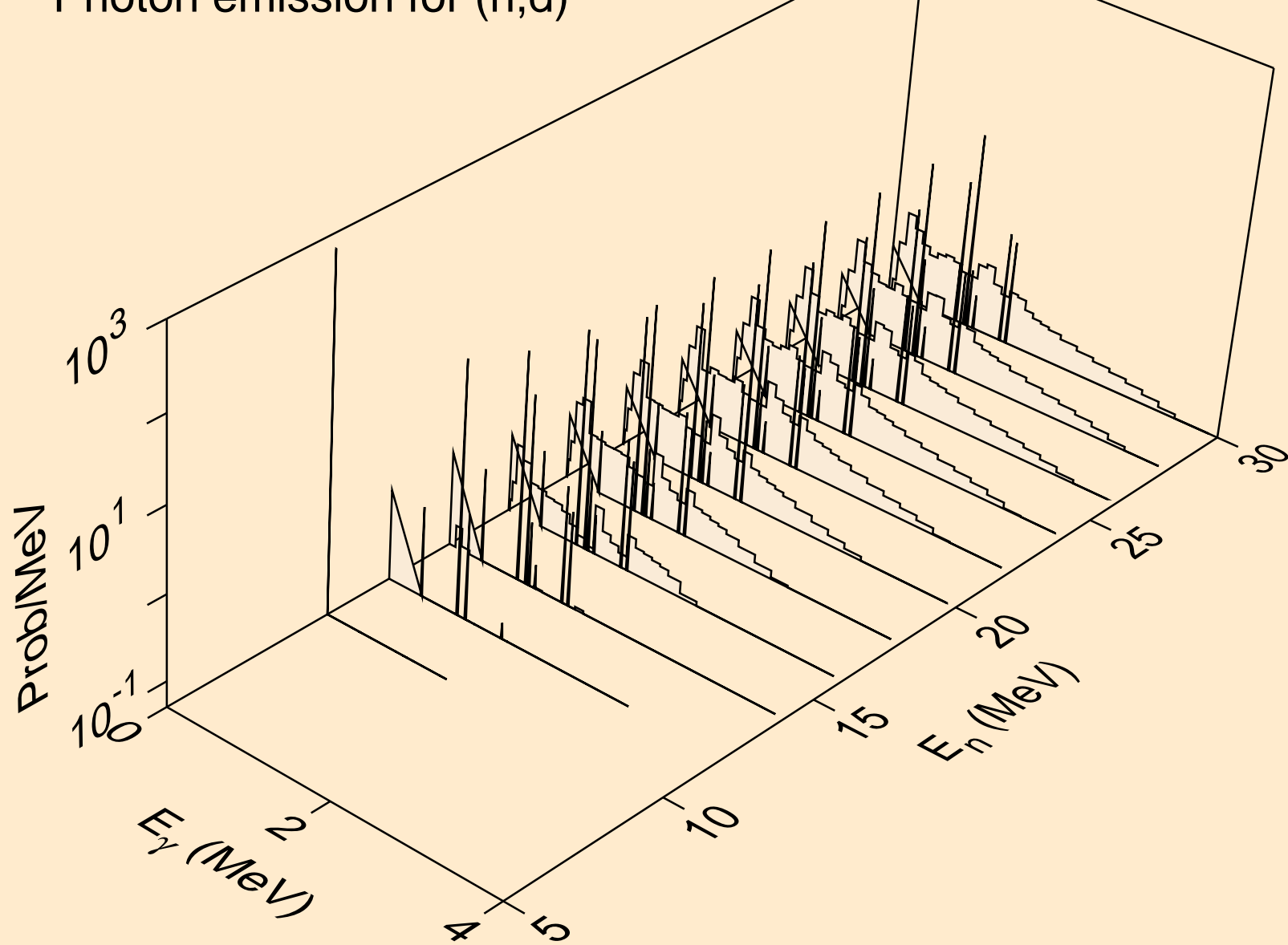
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Photon emission for (n,gma)



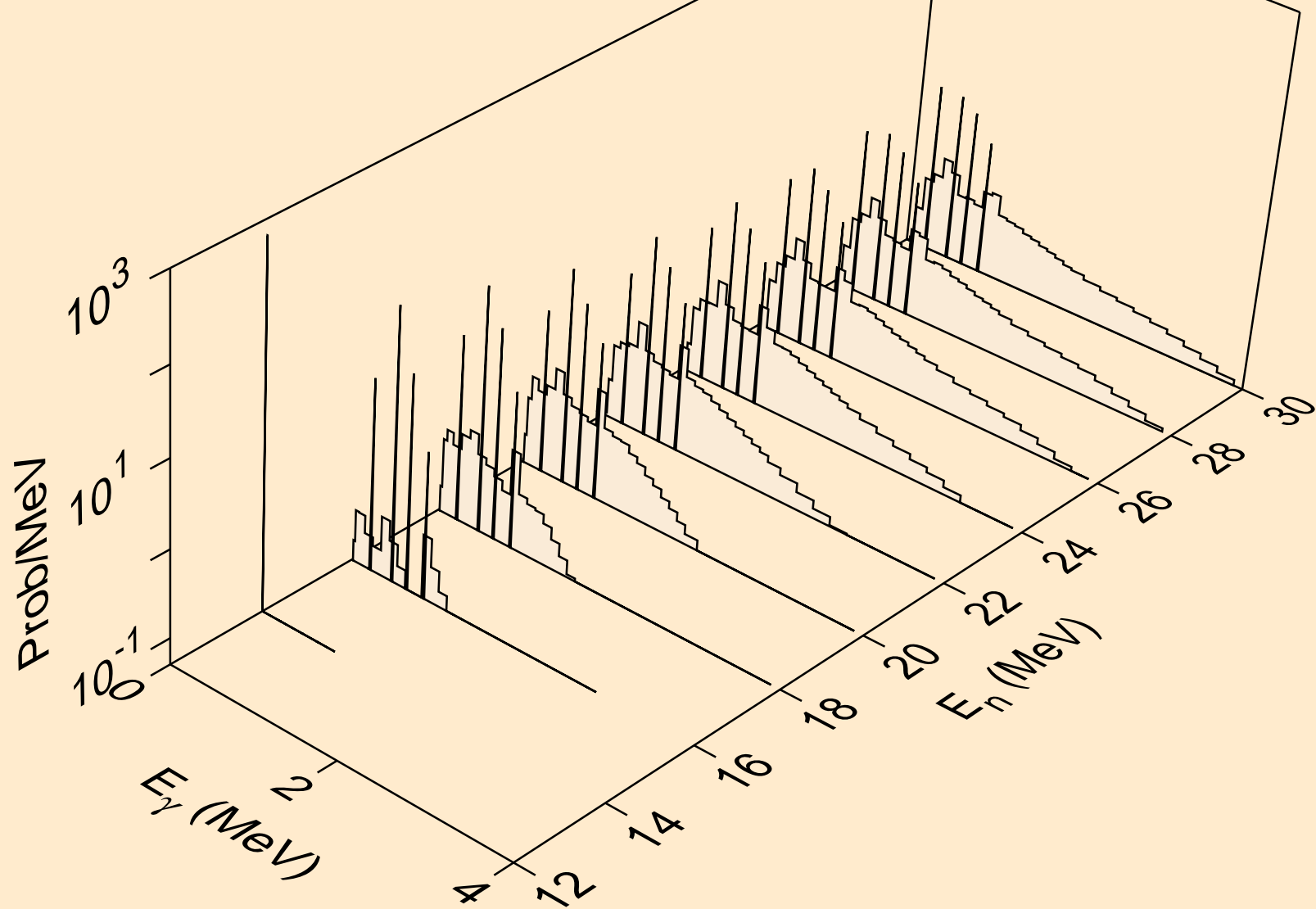
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Photon emission for (n,p)



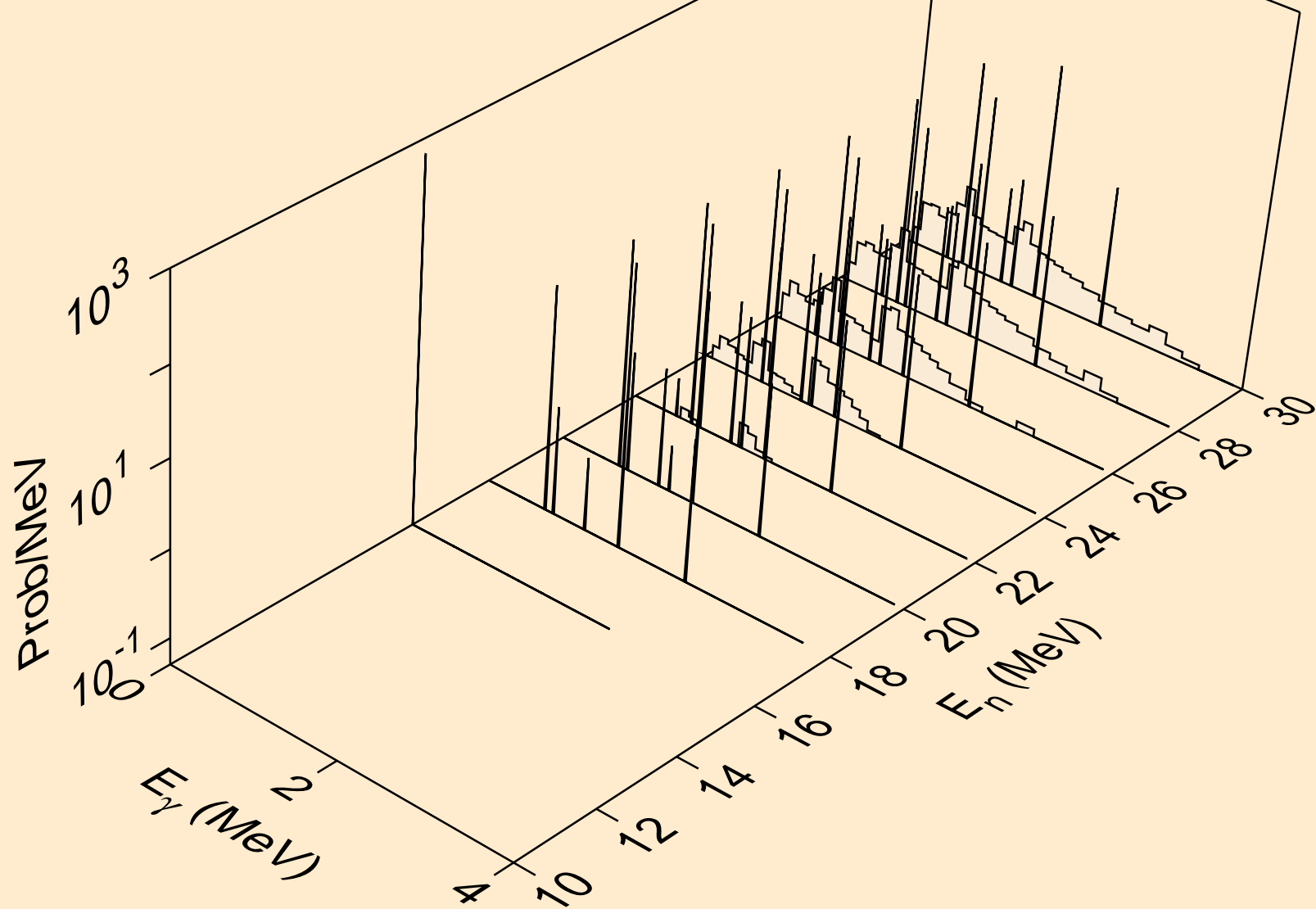
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Photon emission for (n,d)



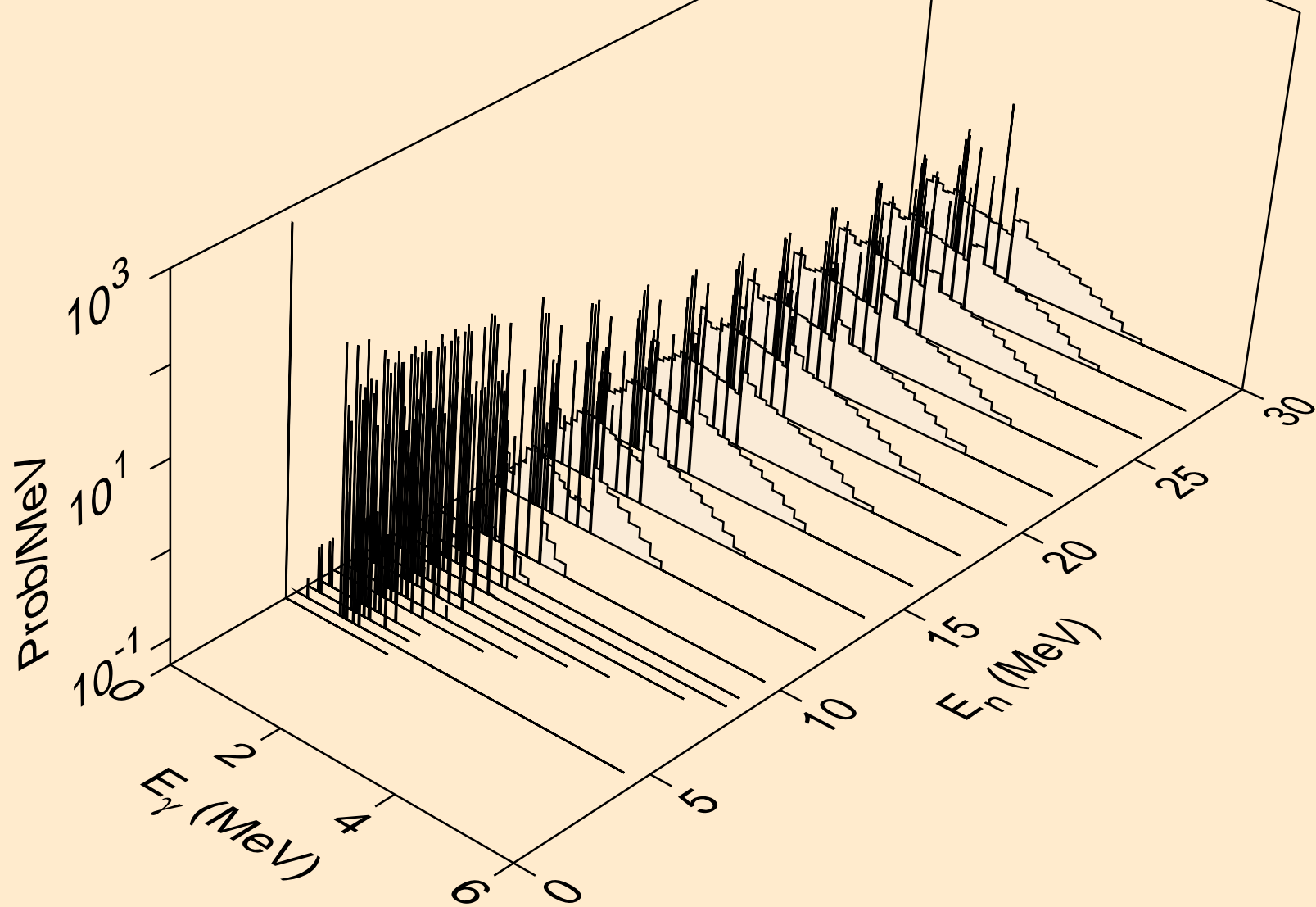
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Photon emission for (n,t)



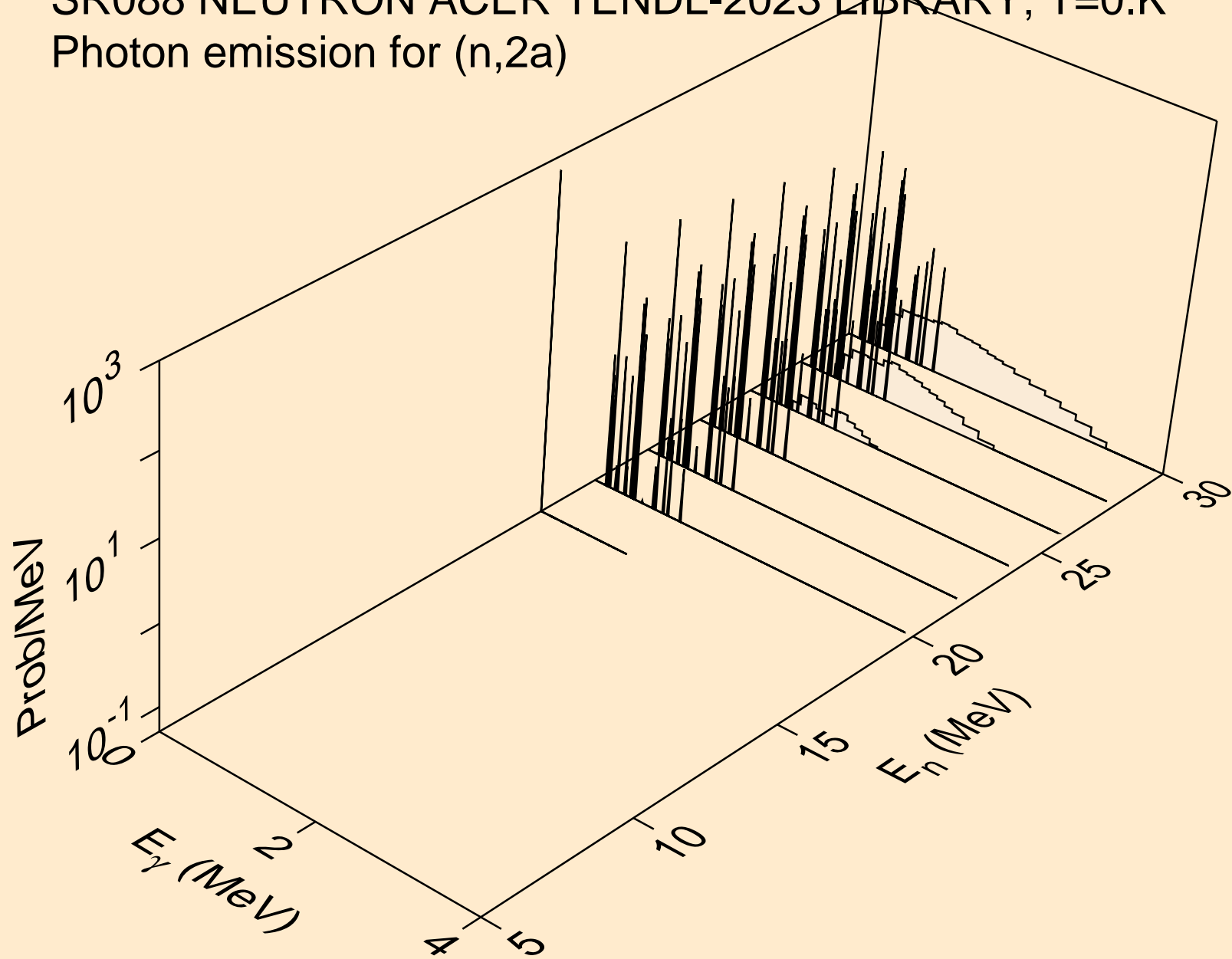
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Photon emission for (n,he3)



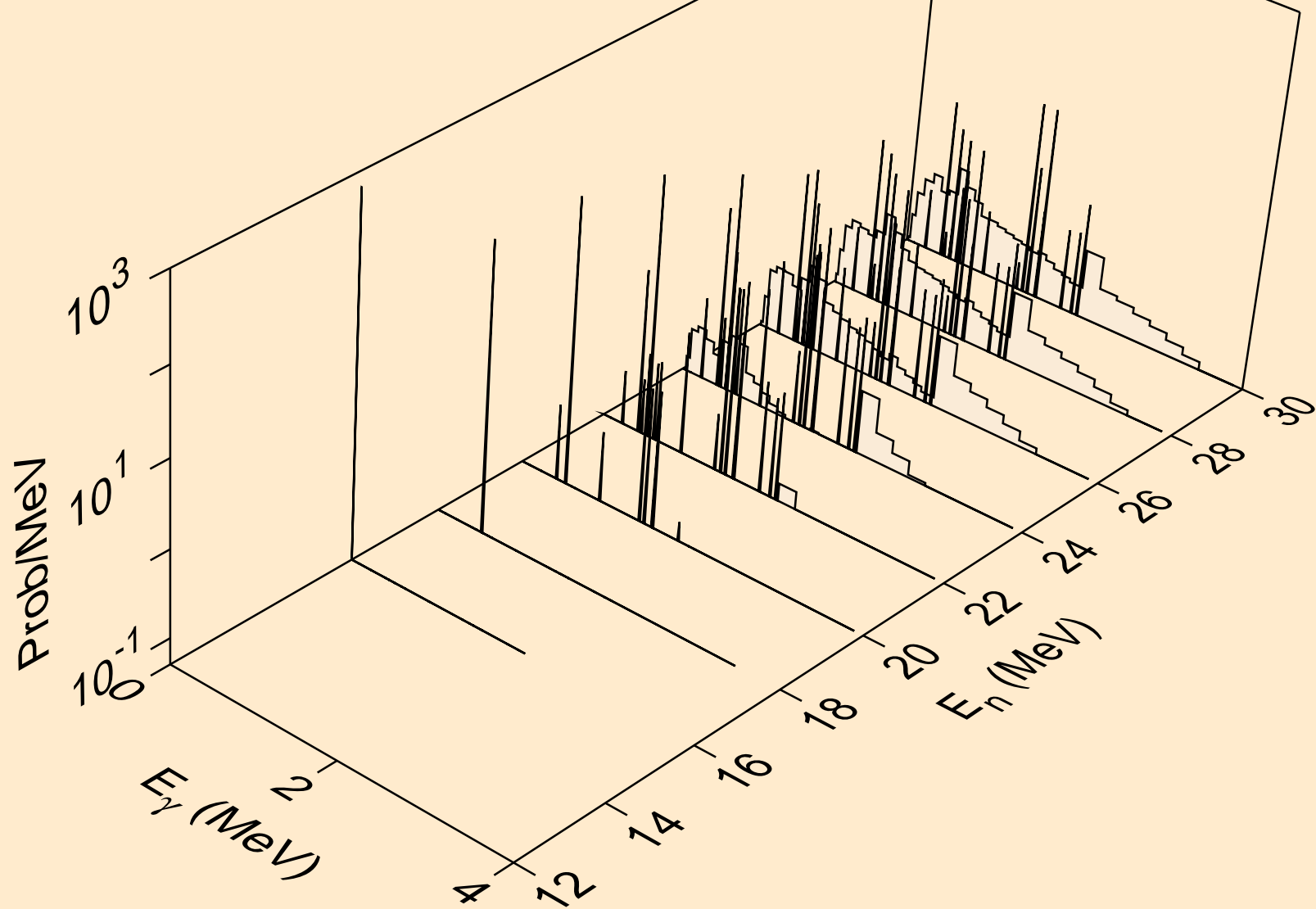
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

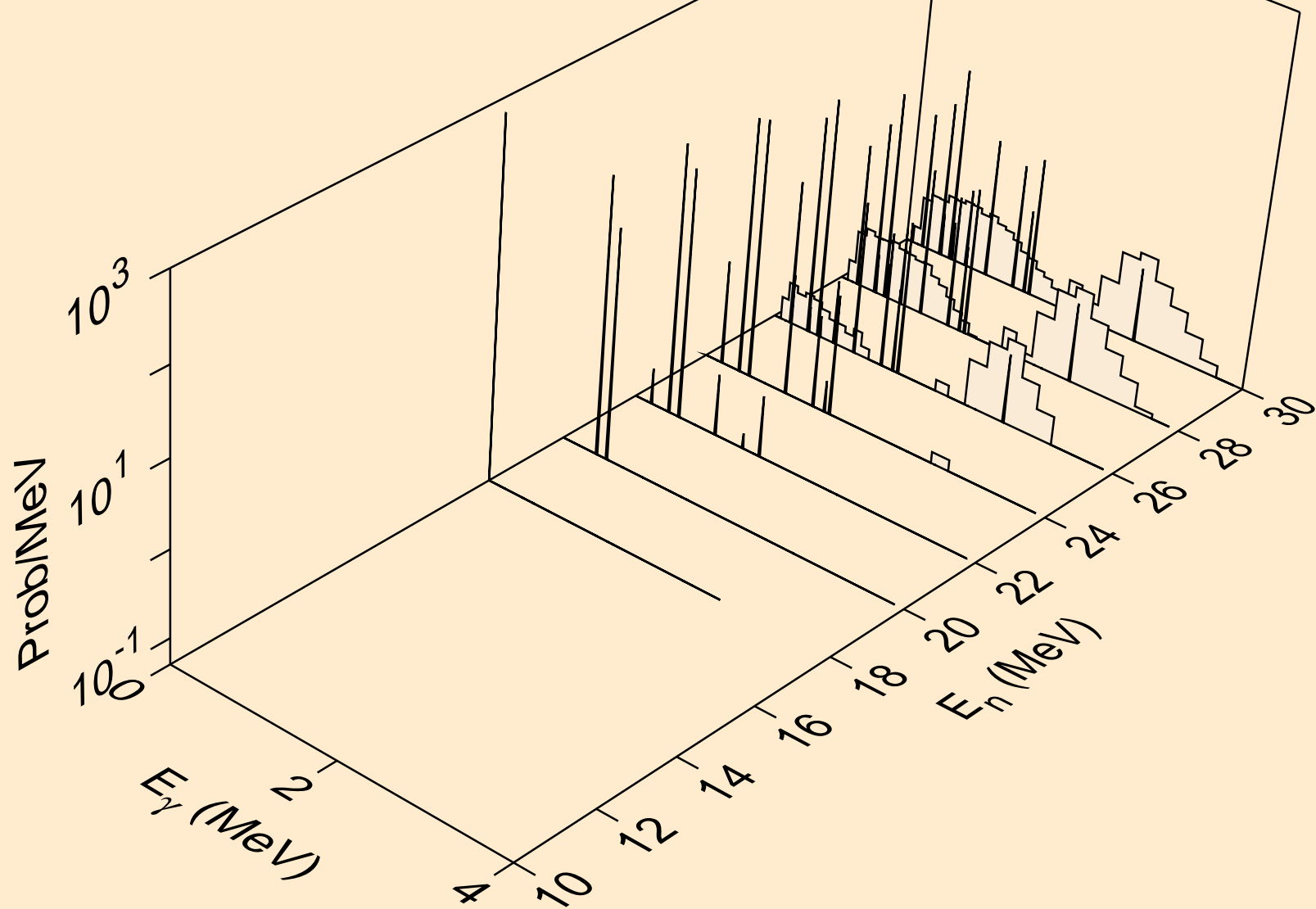


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Photon emission for (n,2p)

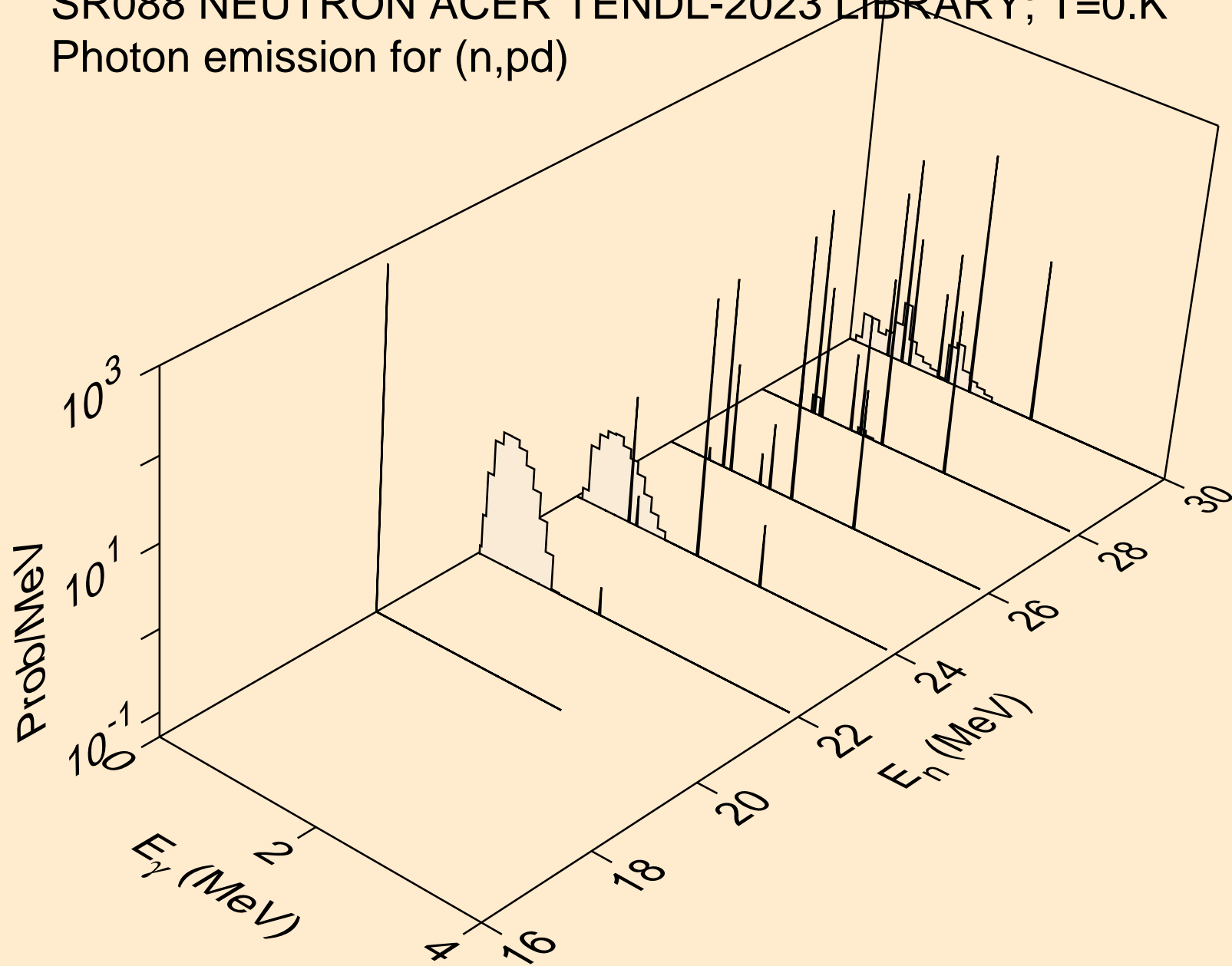




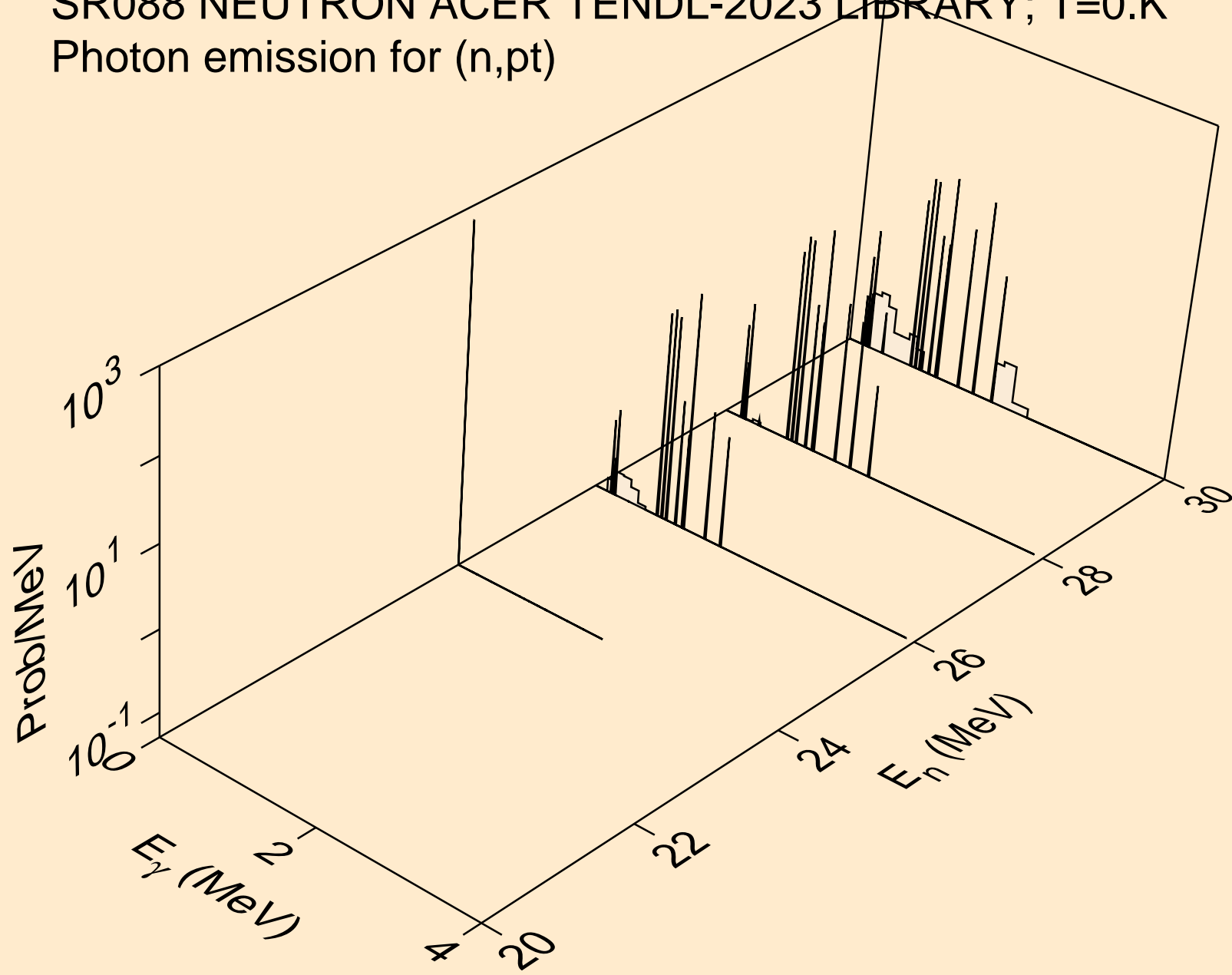
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Photon emission for (n,p)



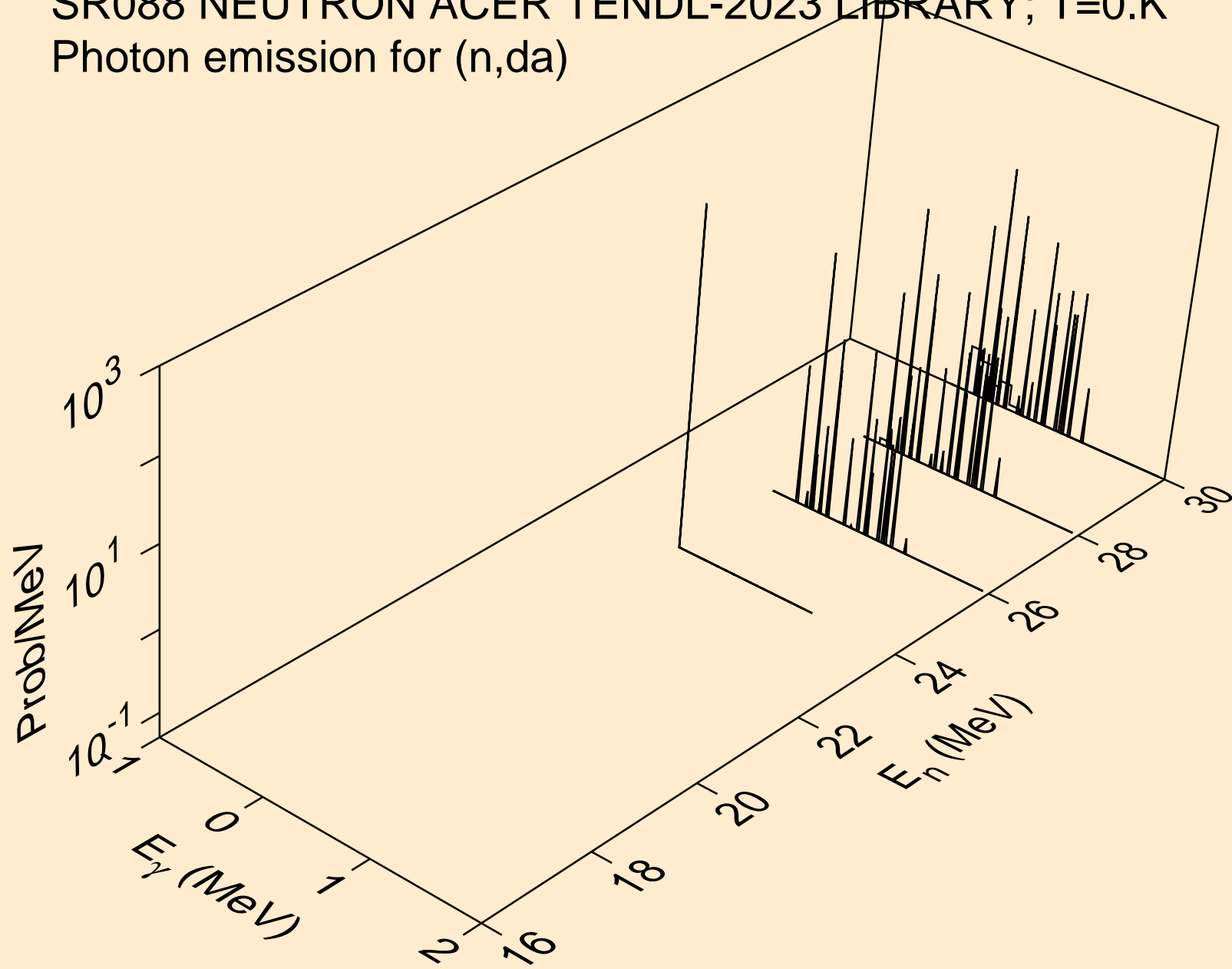
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Photon emission for (n,pd)



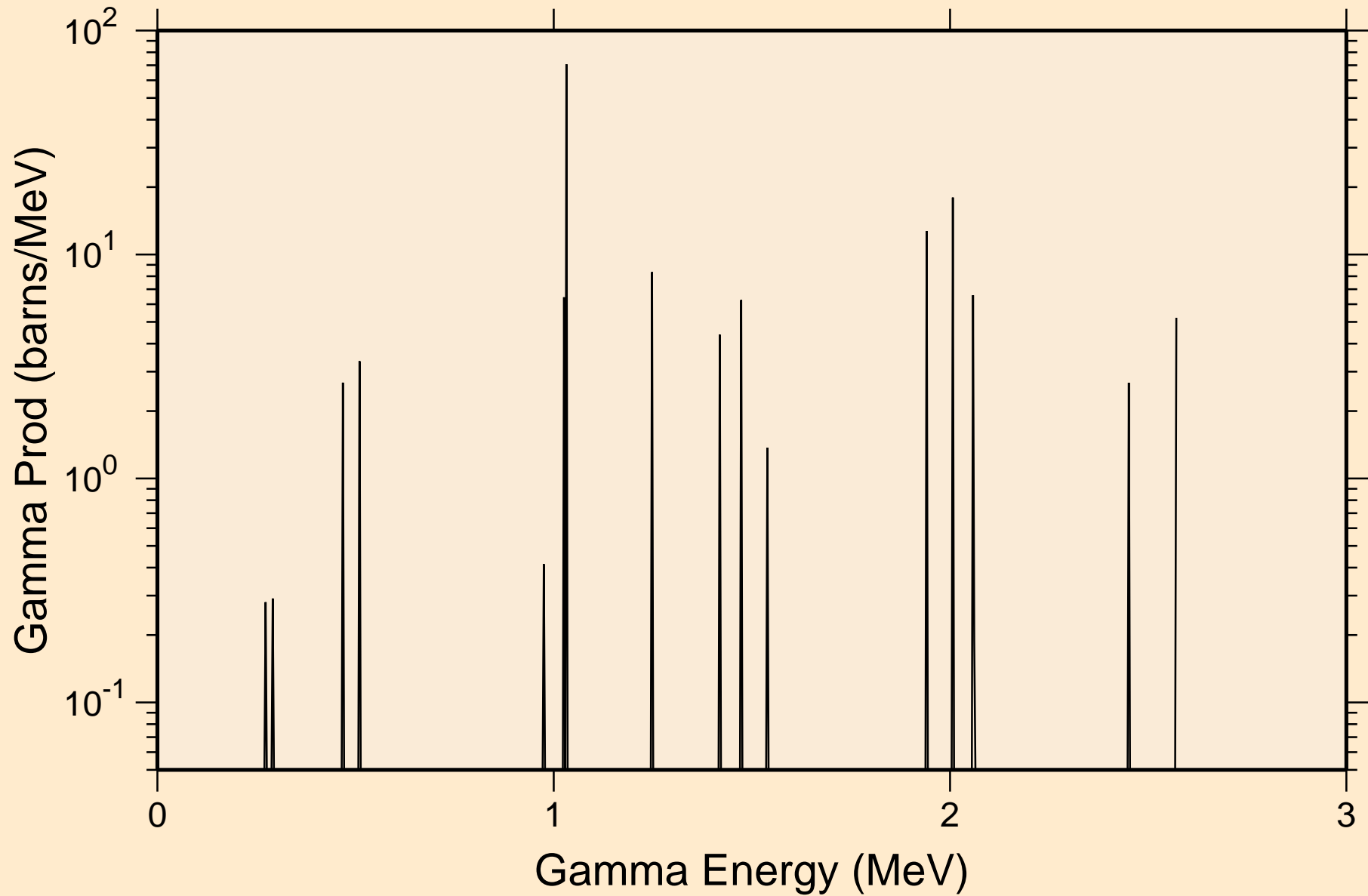
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



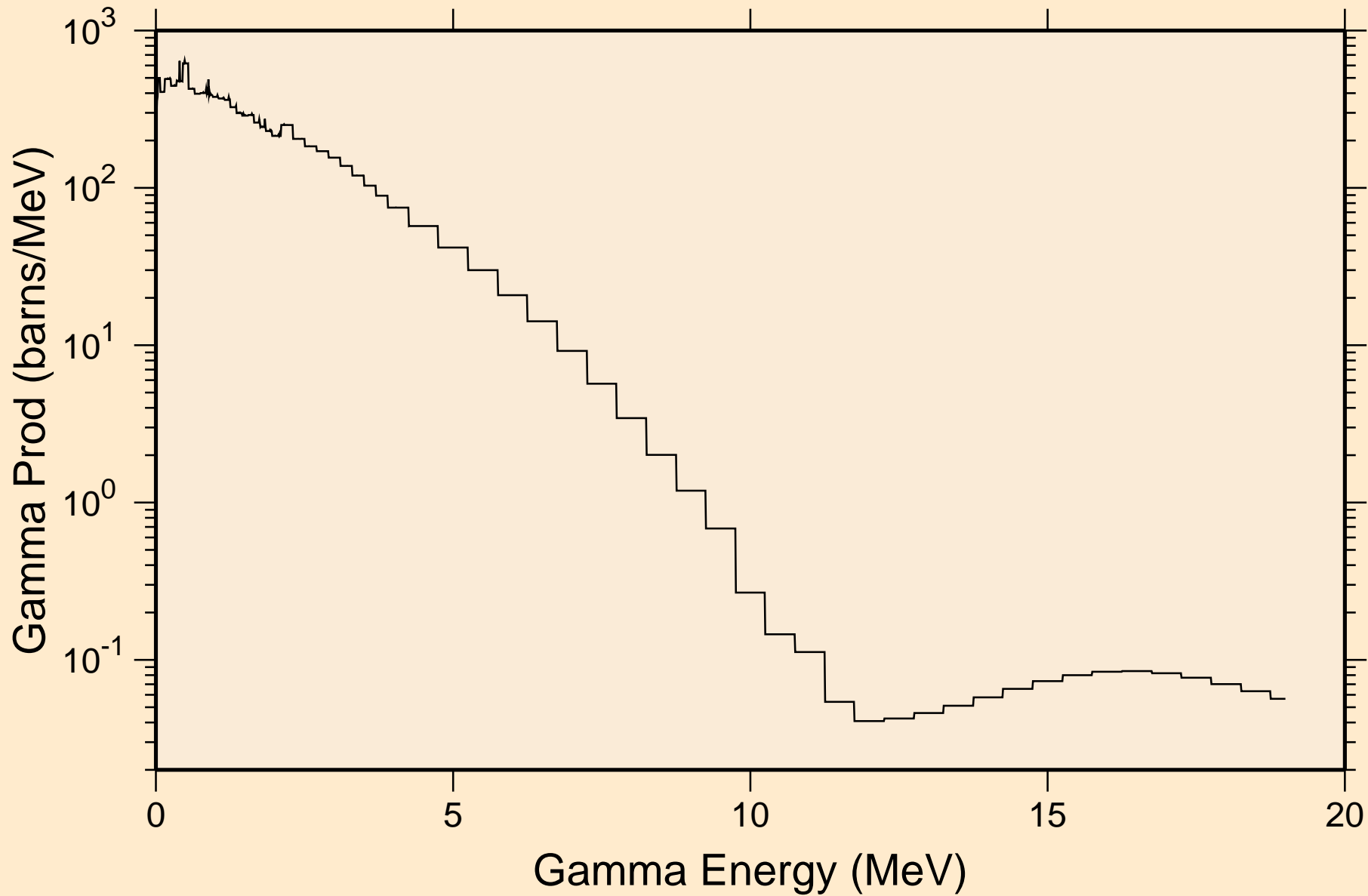
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

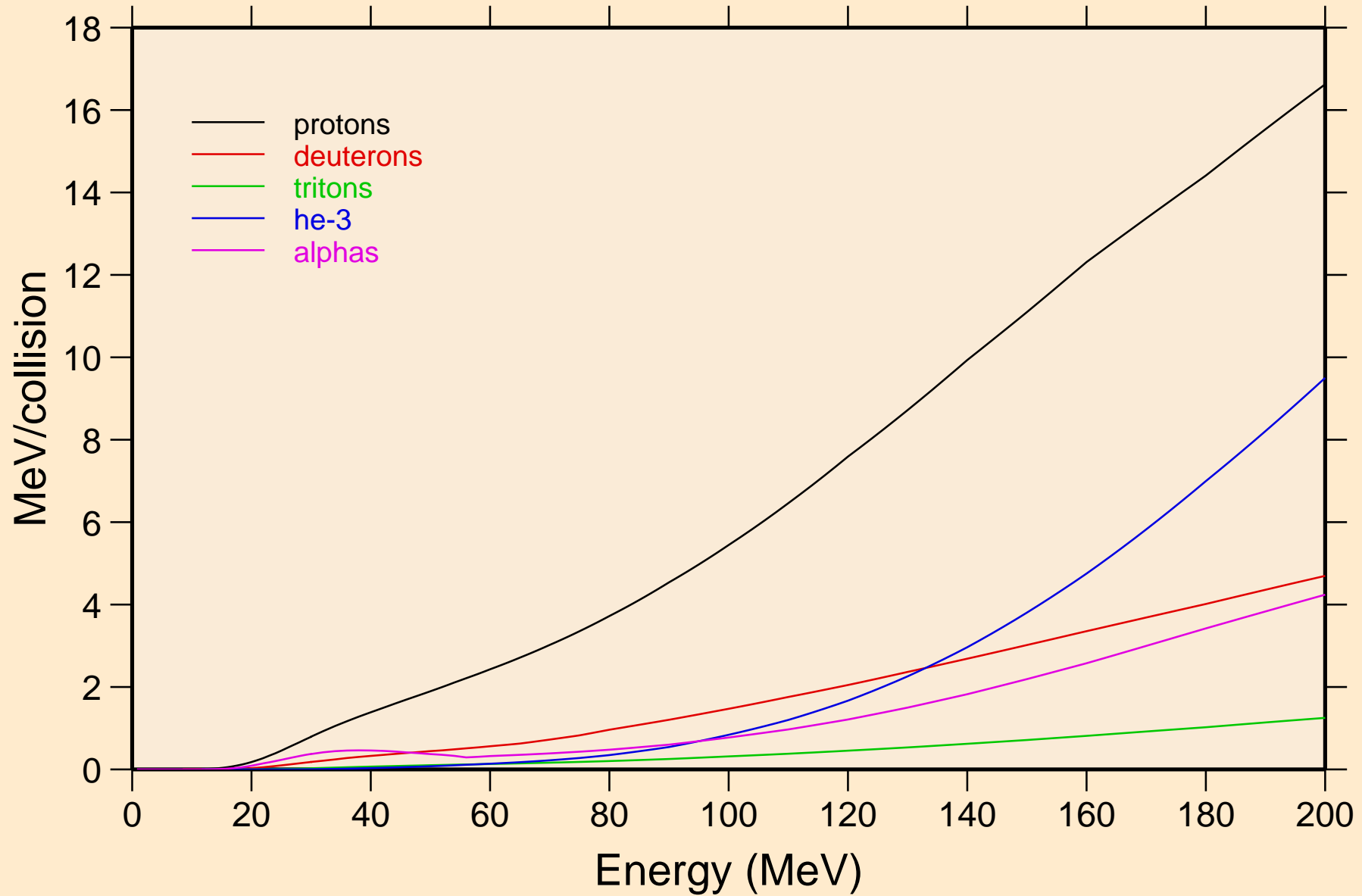


SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

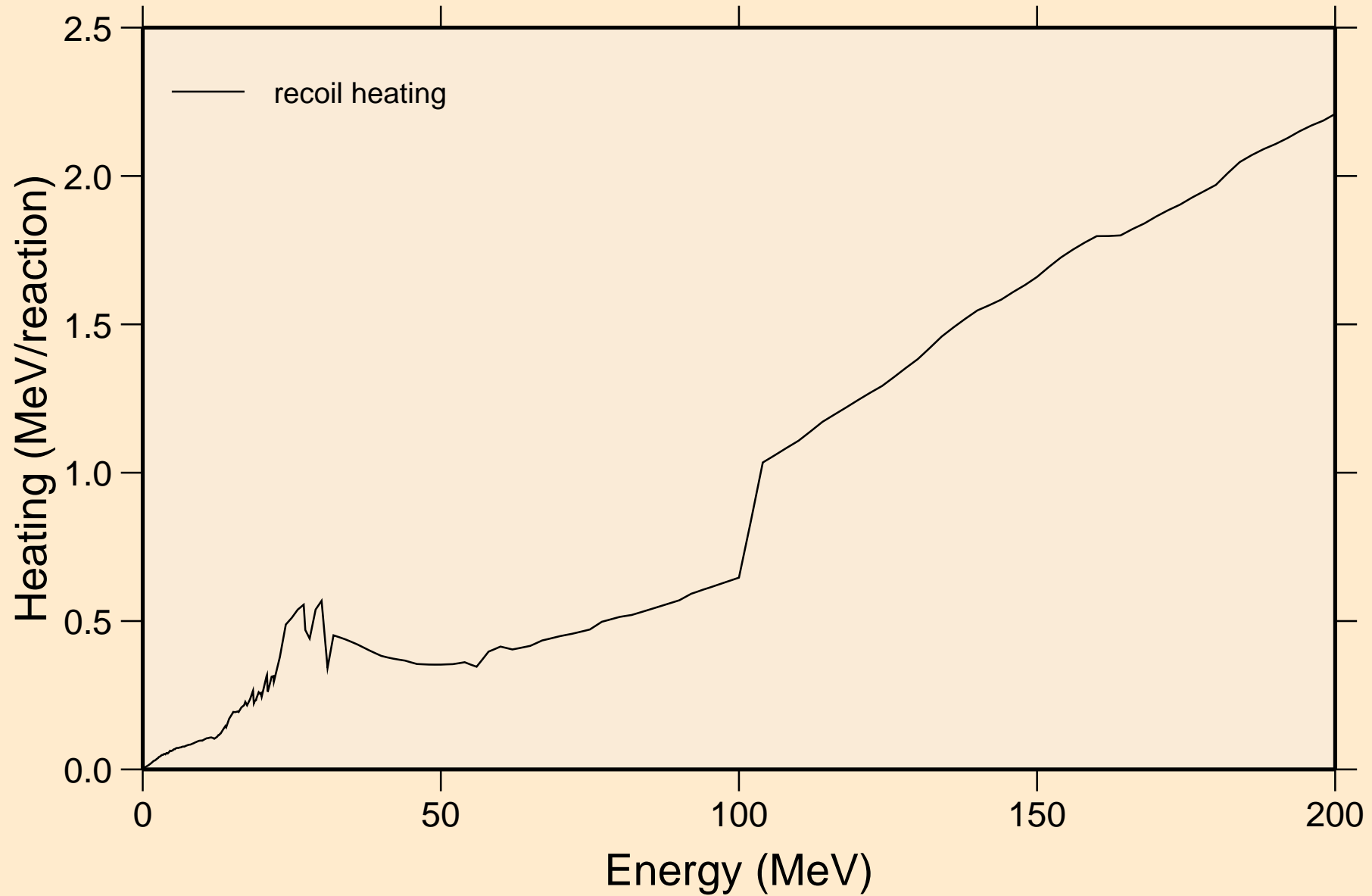


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## Particle heating contributions



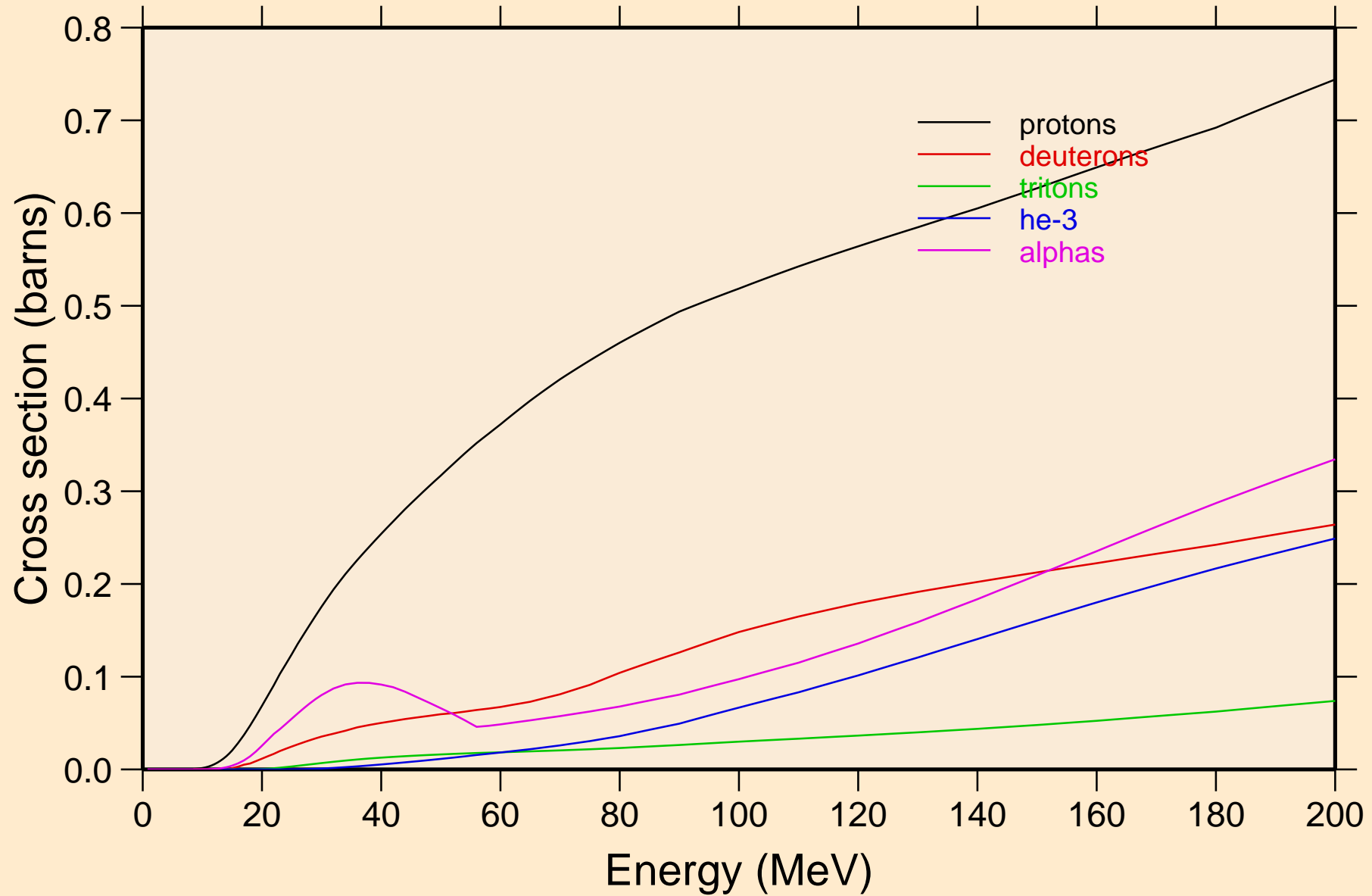
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



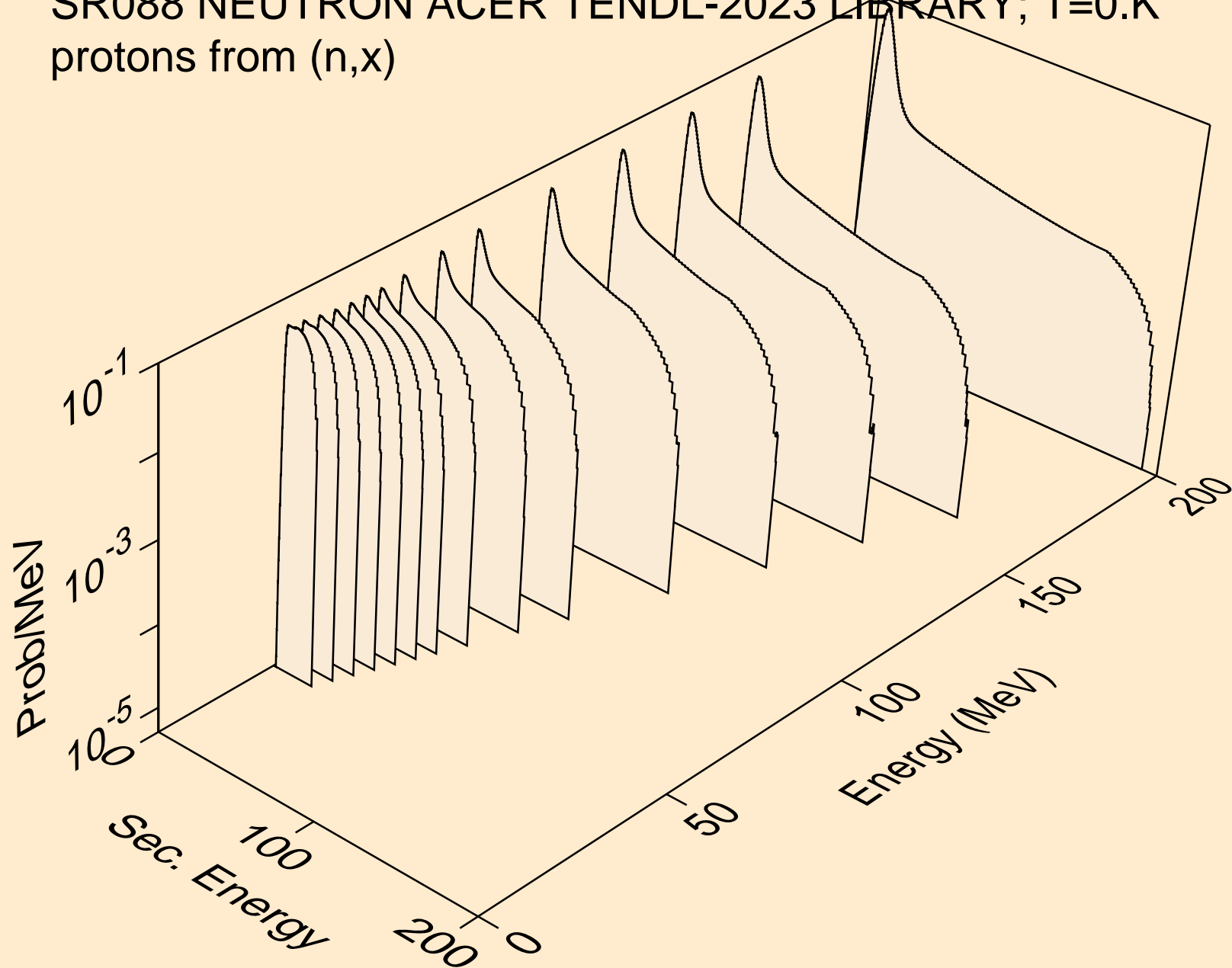


# SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

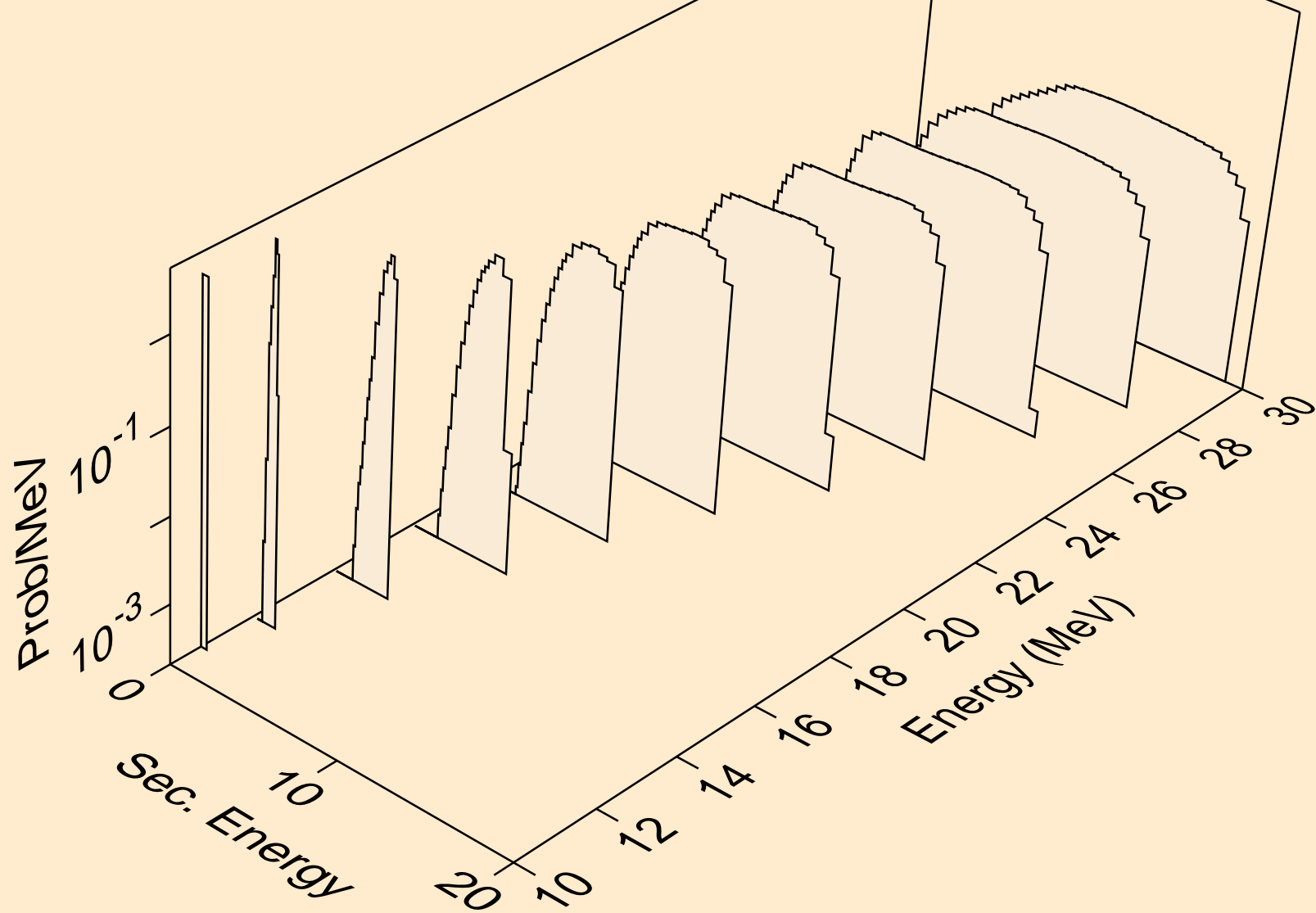
## Particle production cross sections



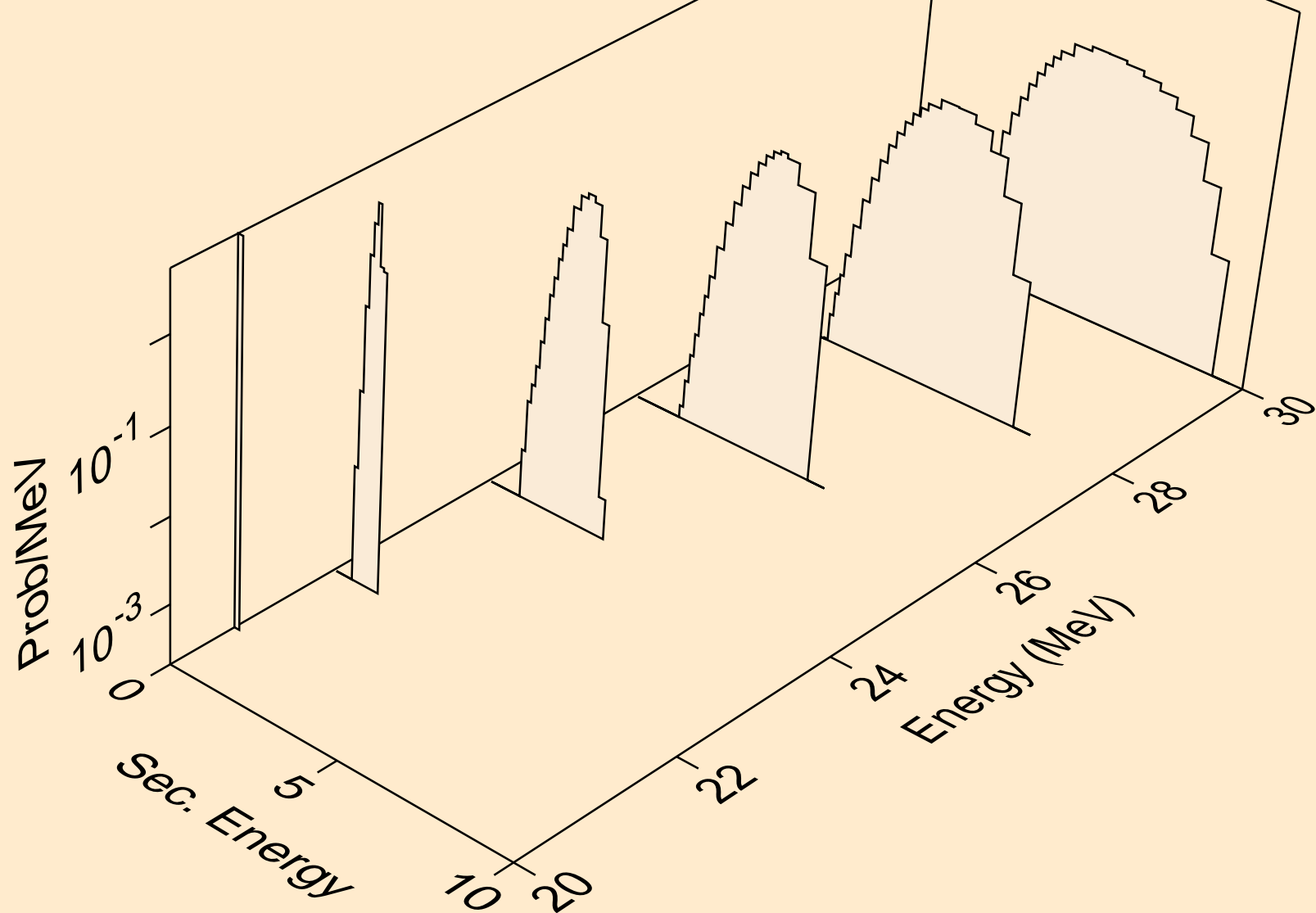
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



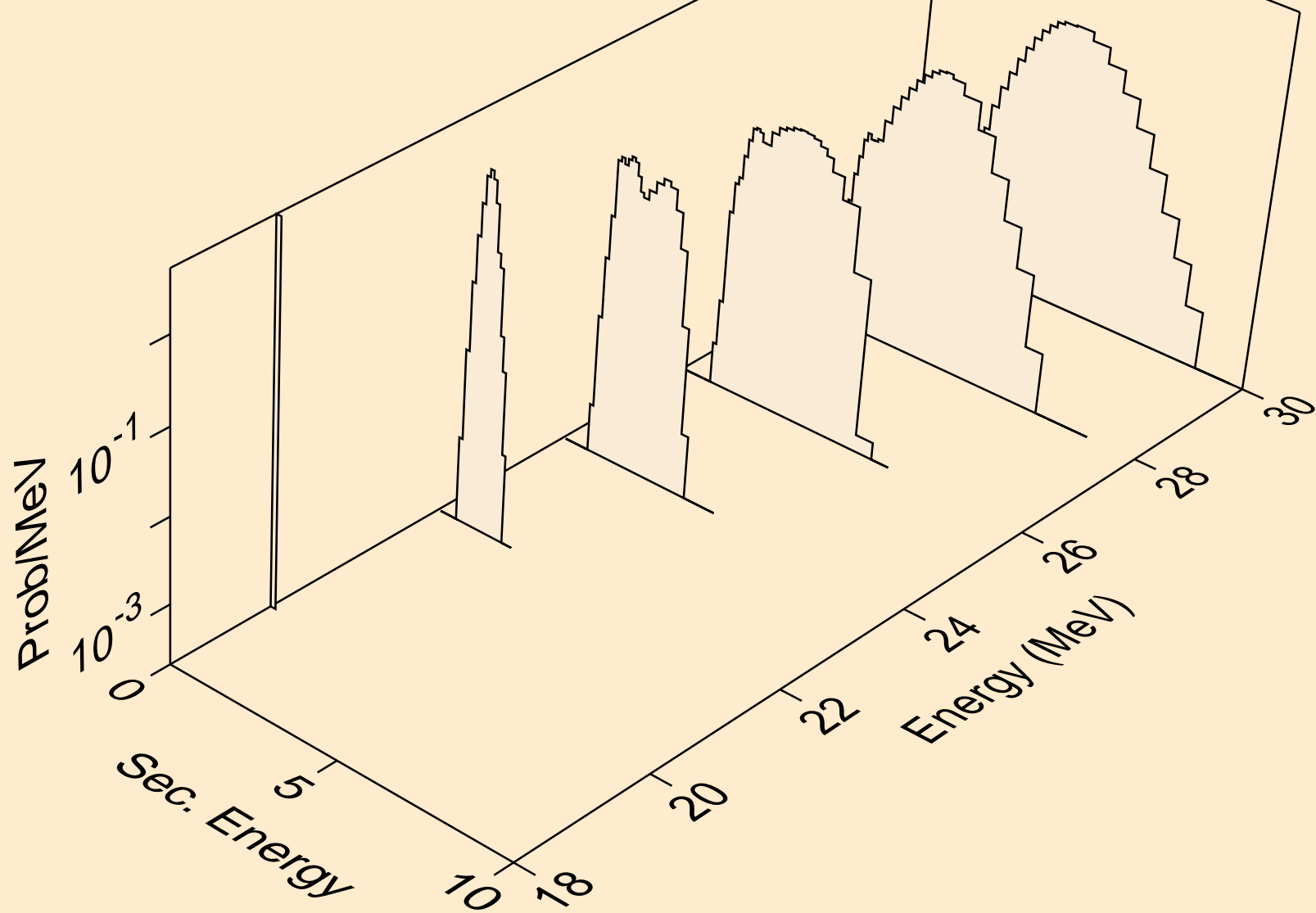
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



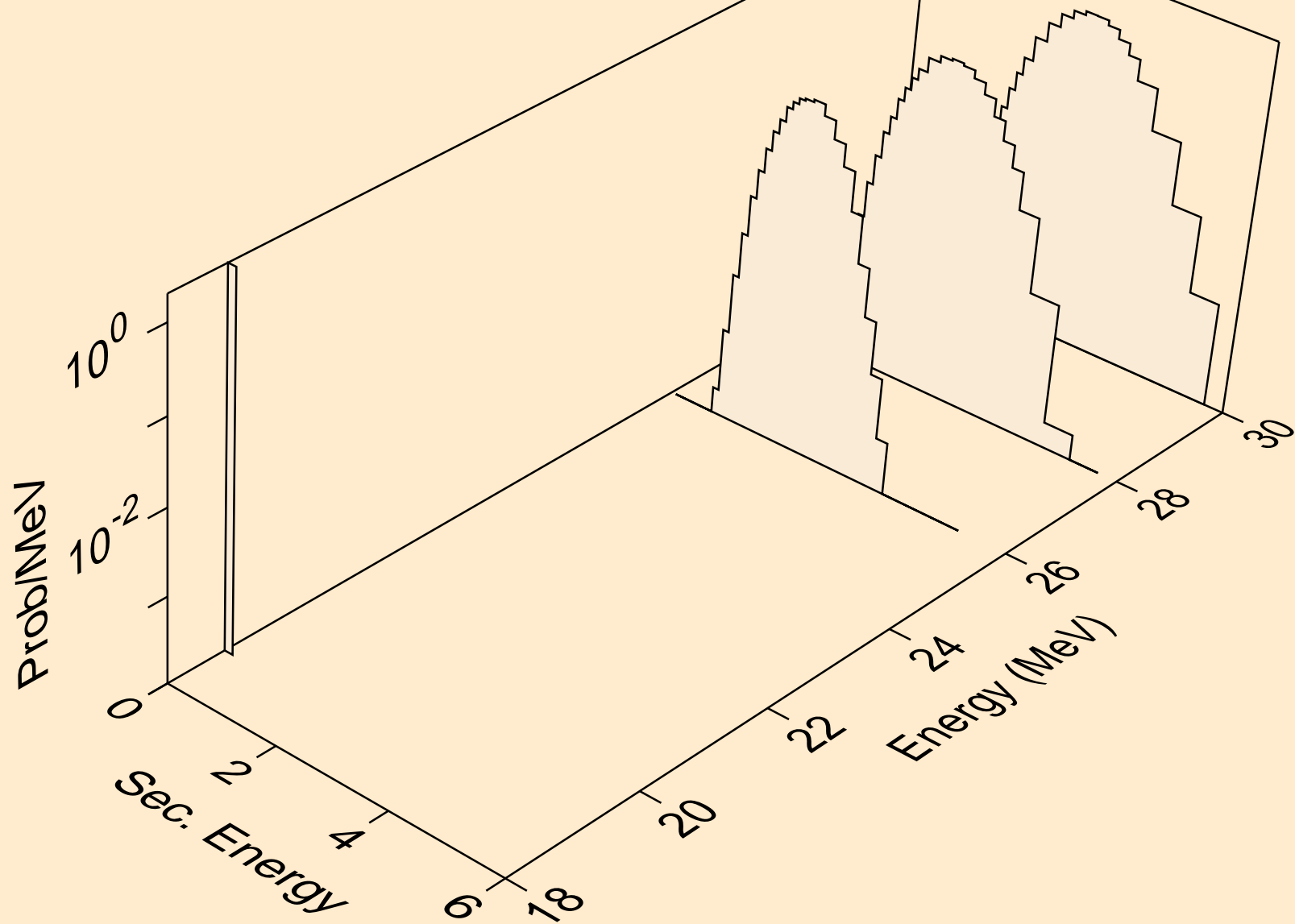
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protons from (n,2np)



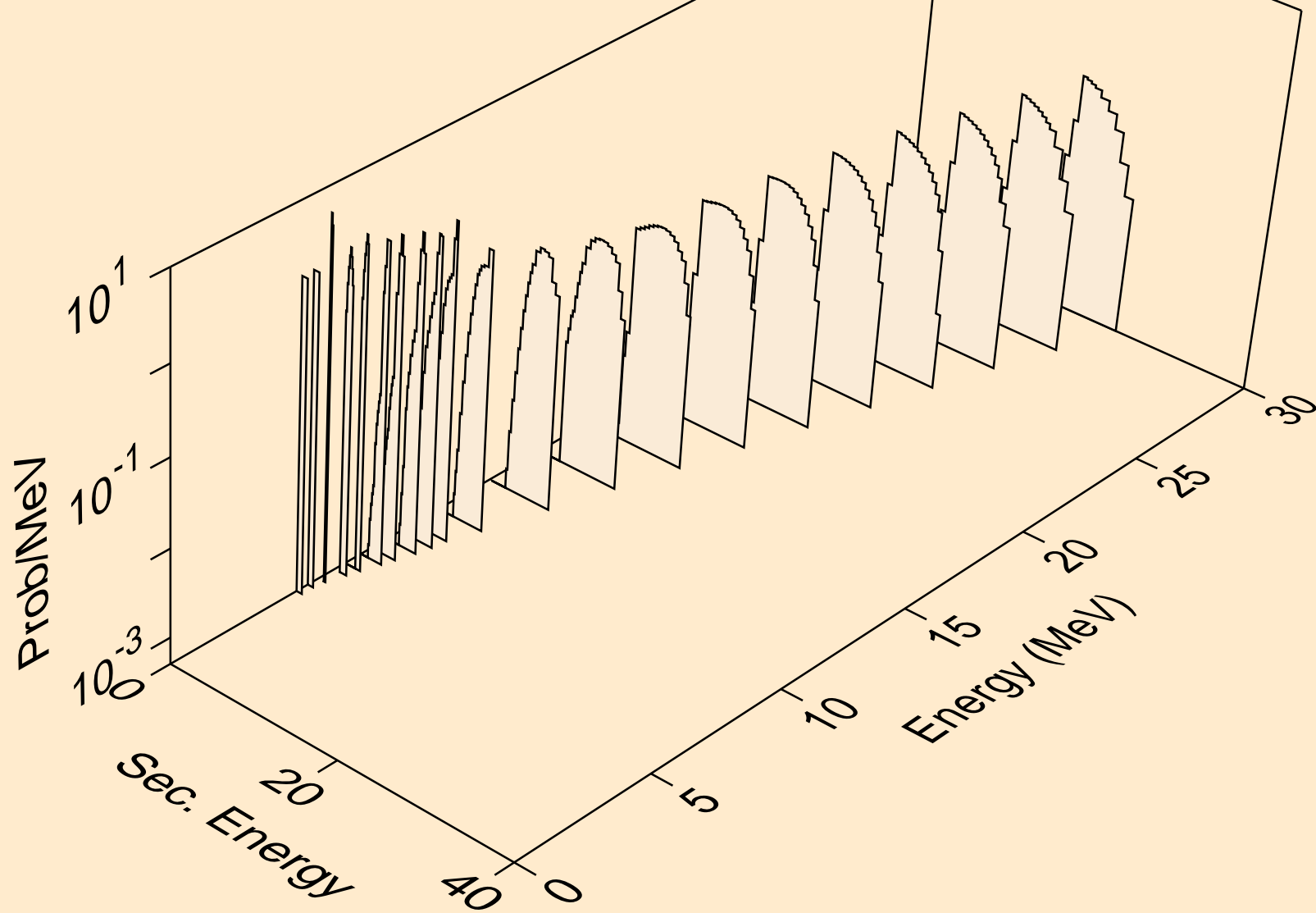
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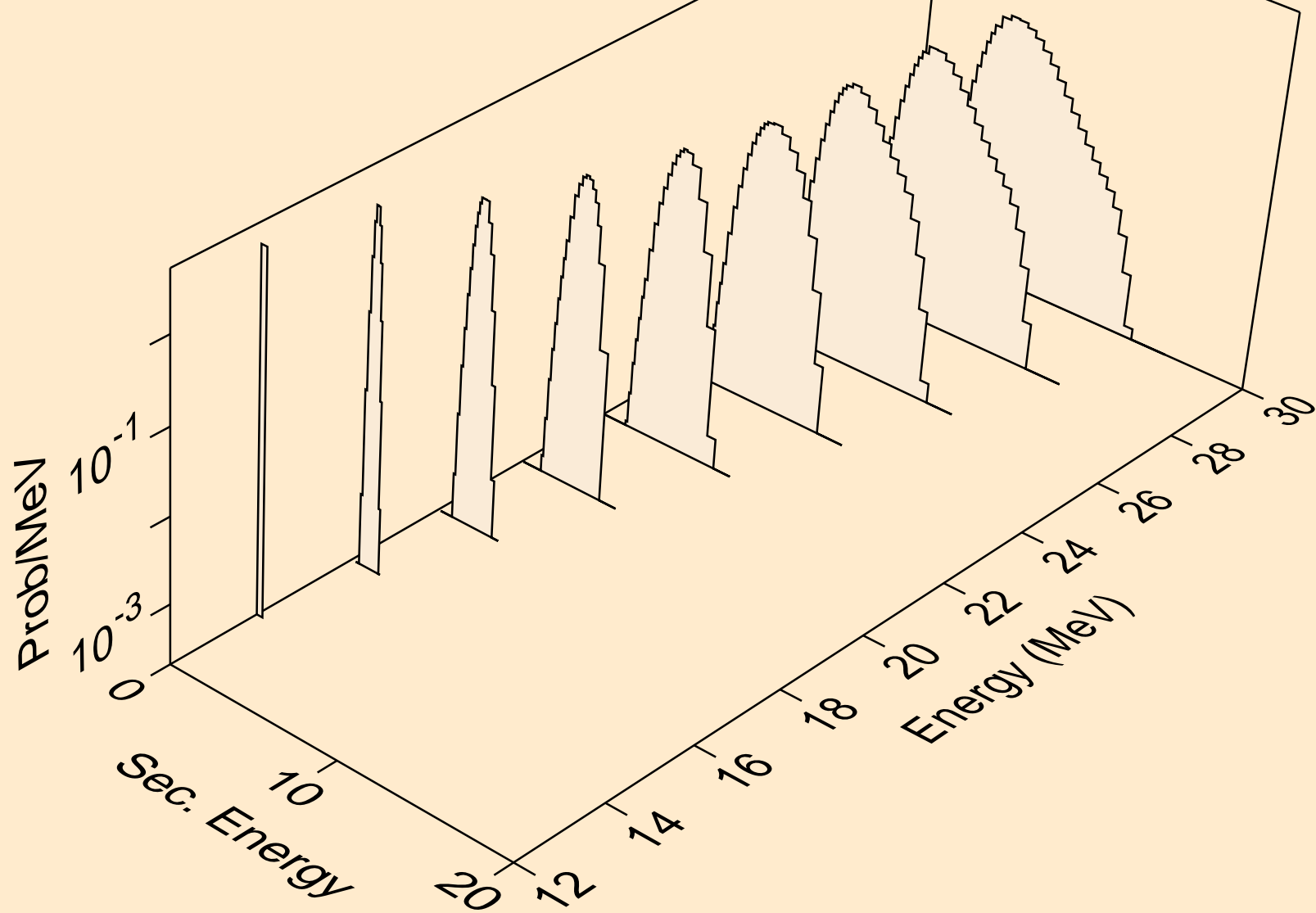
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

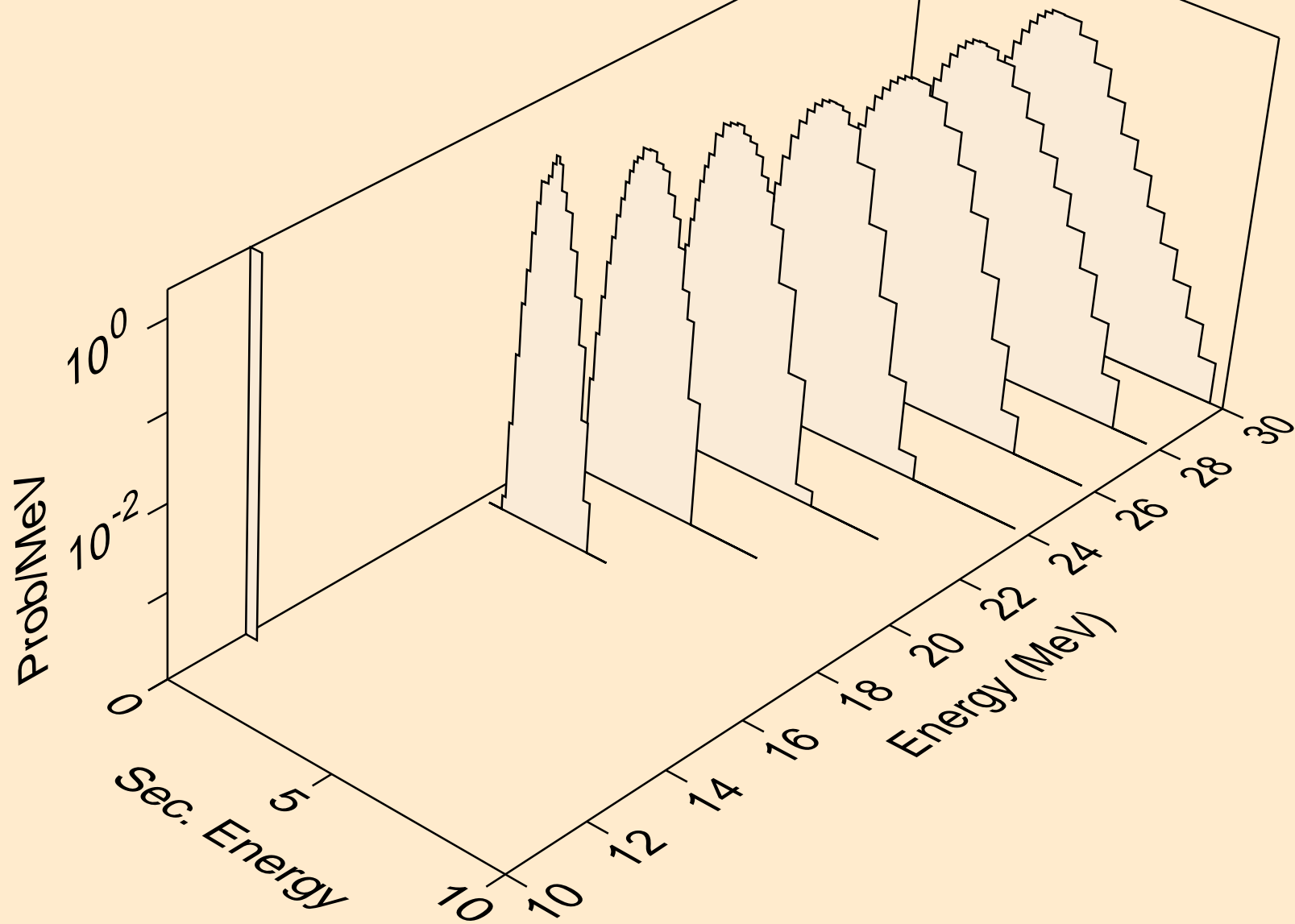


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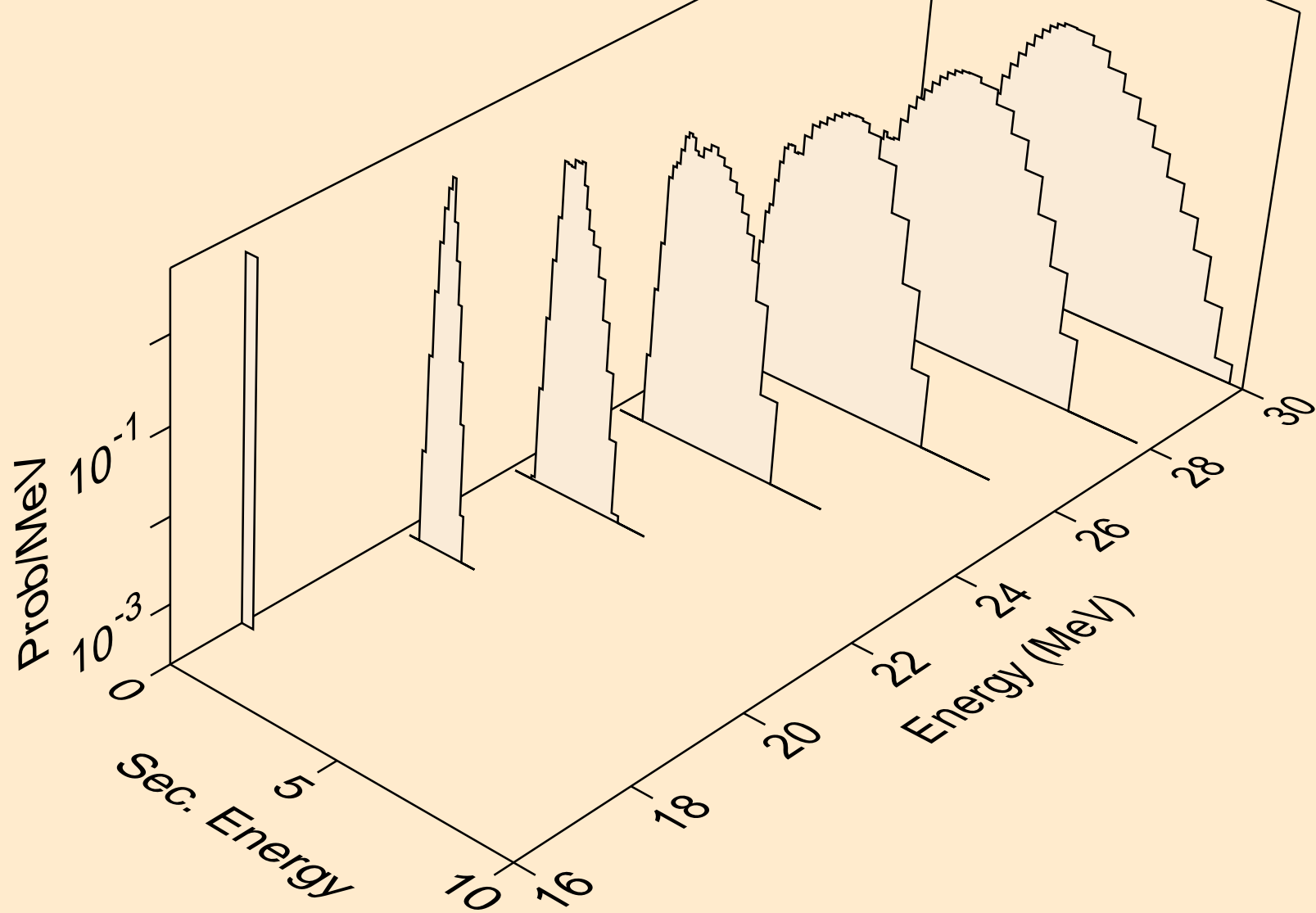




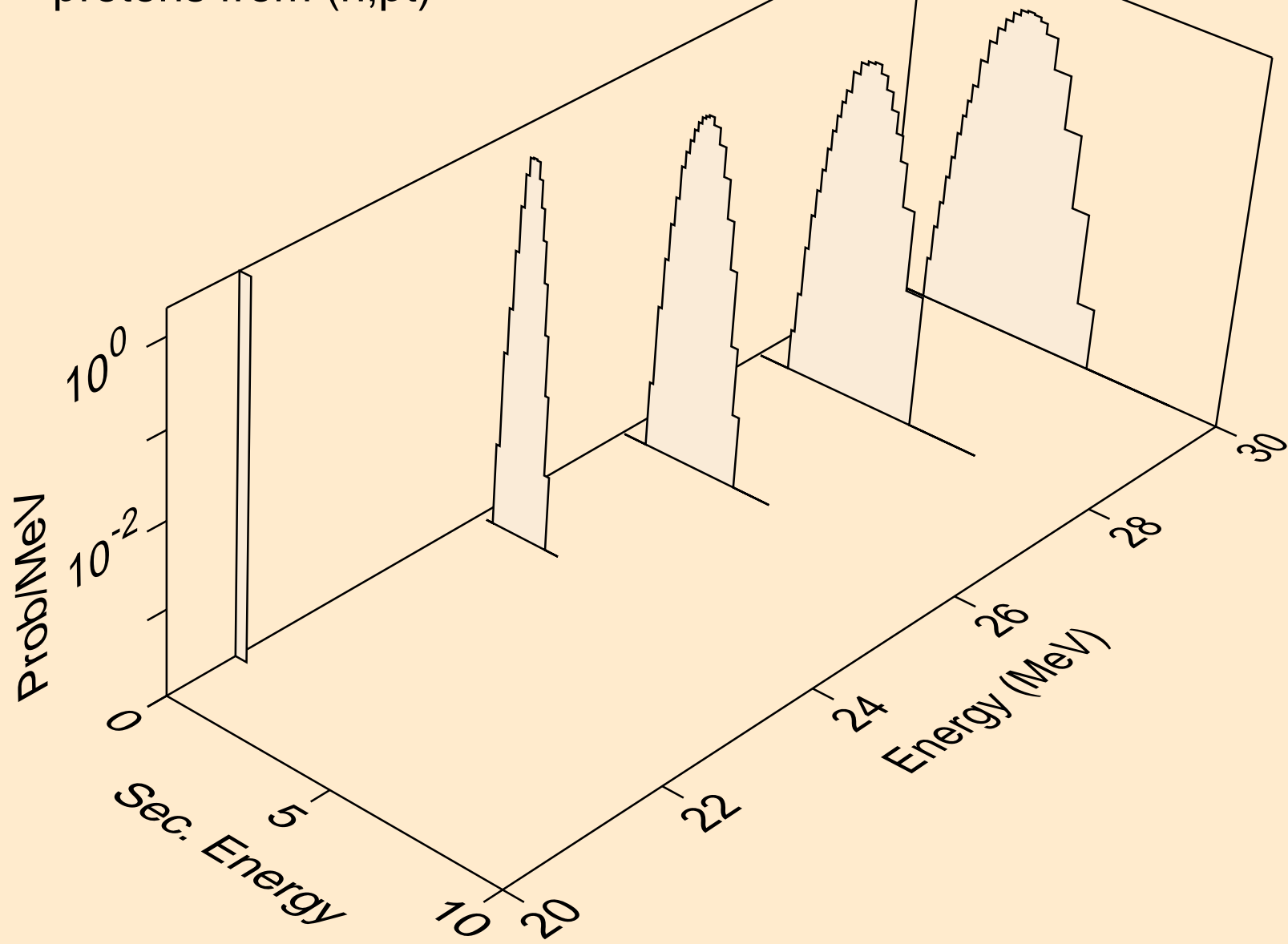
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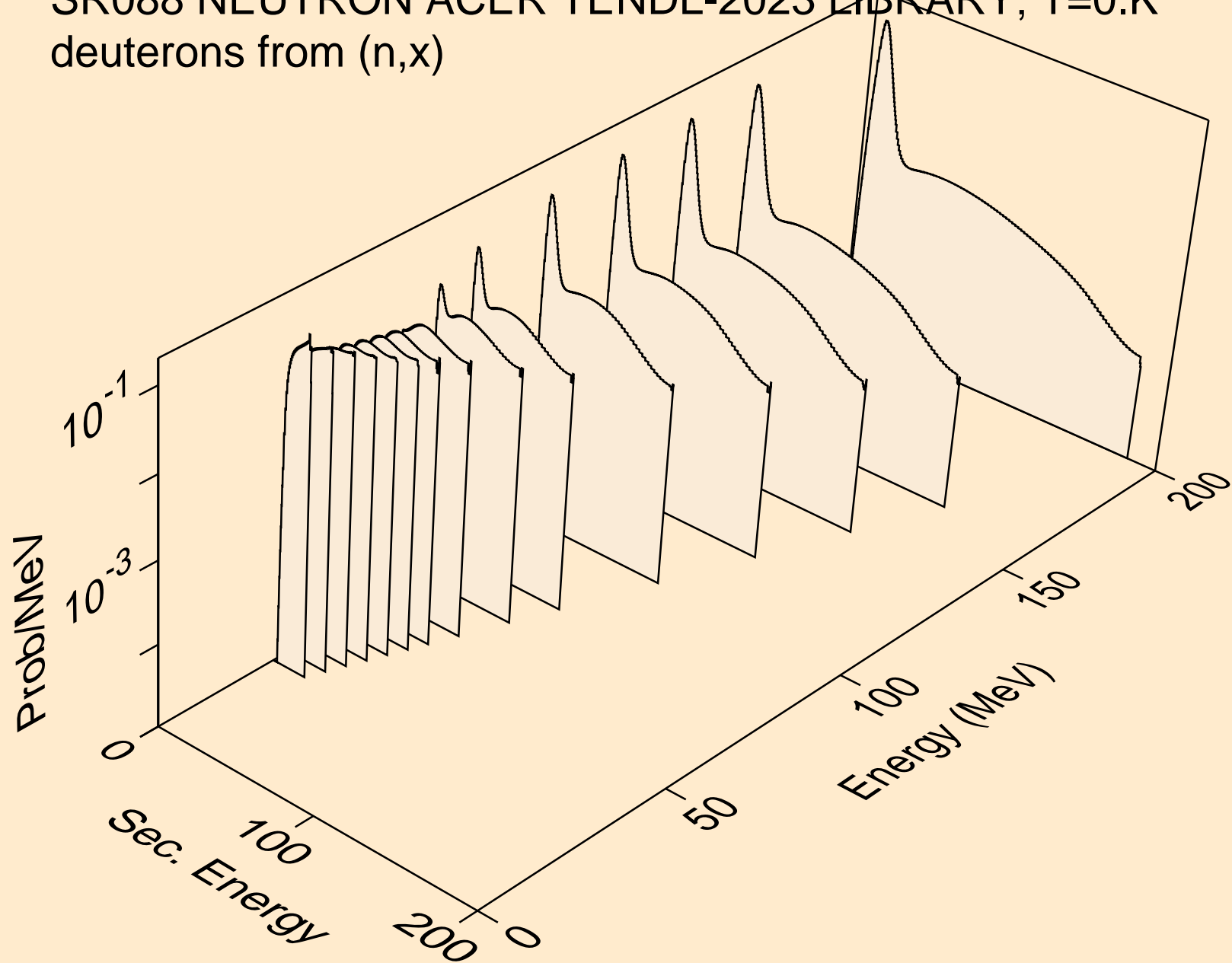
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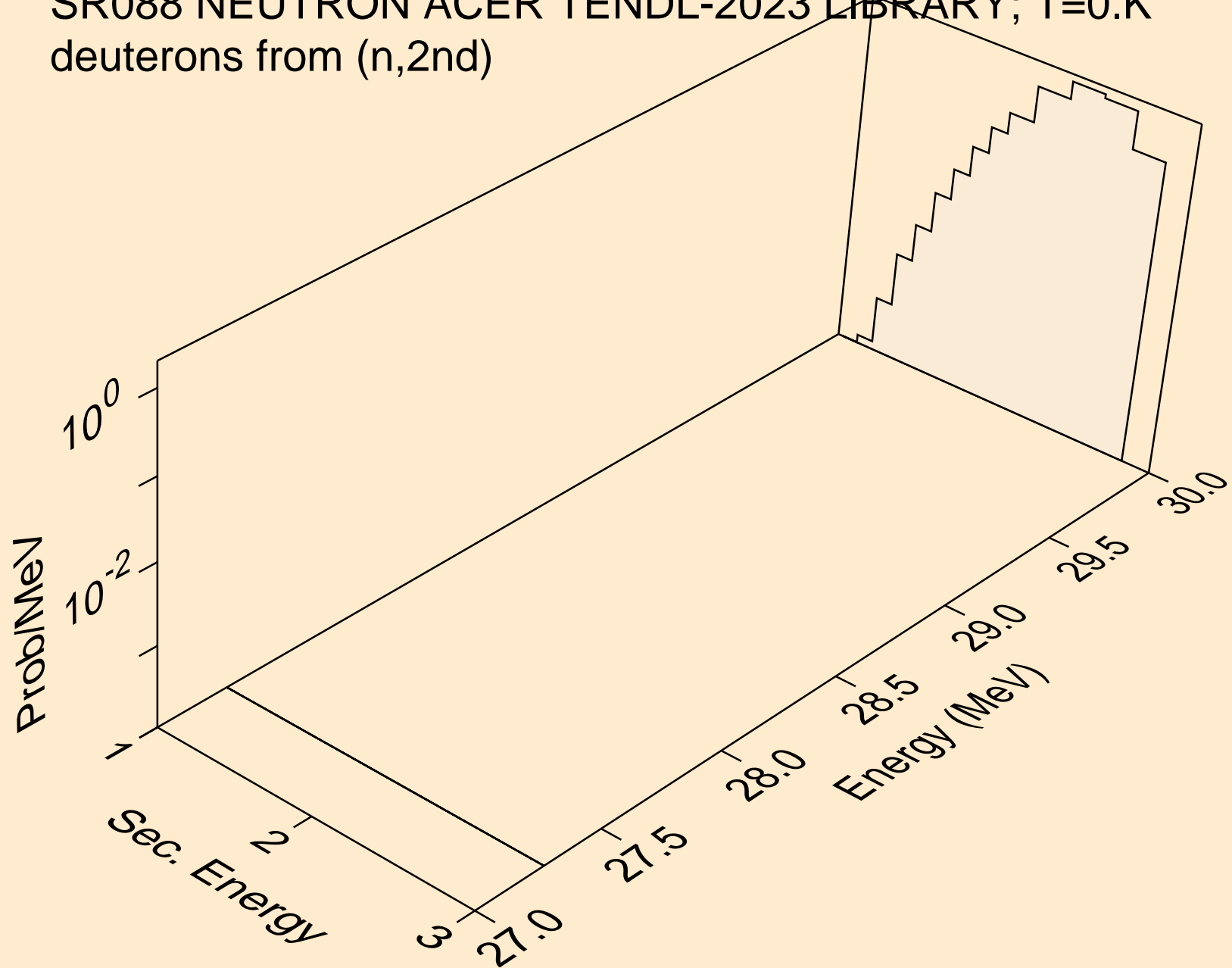
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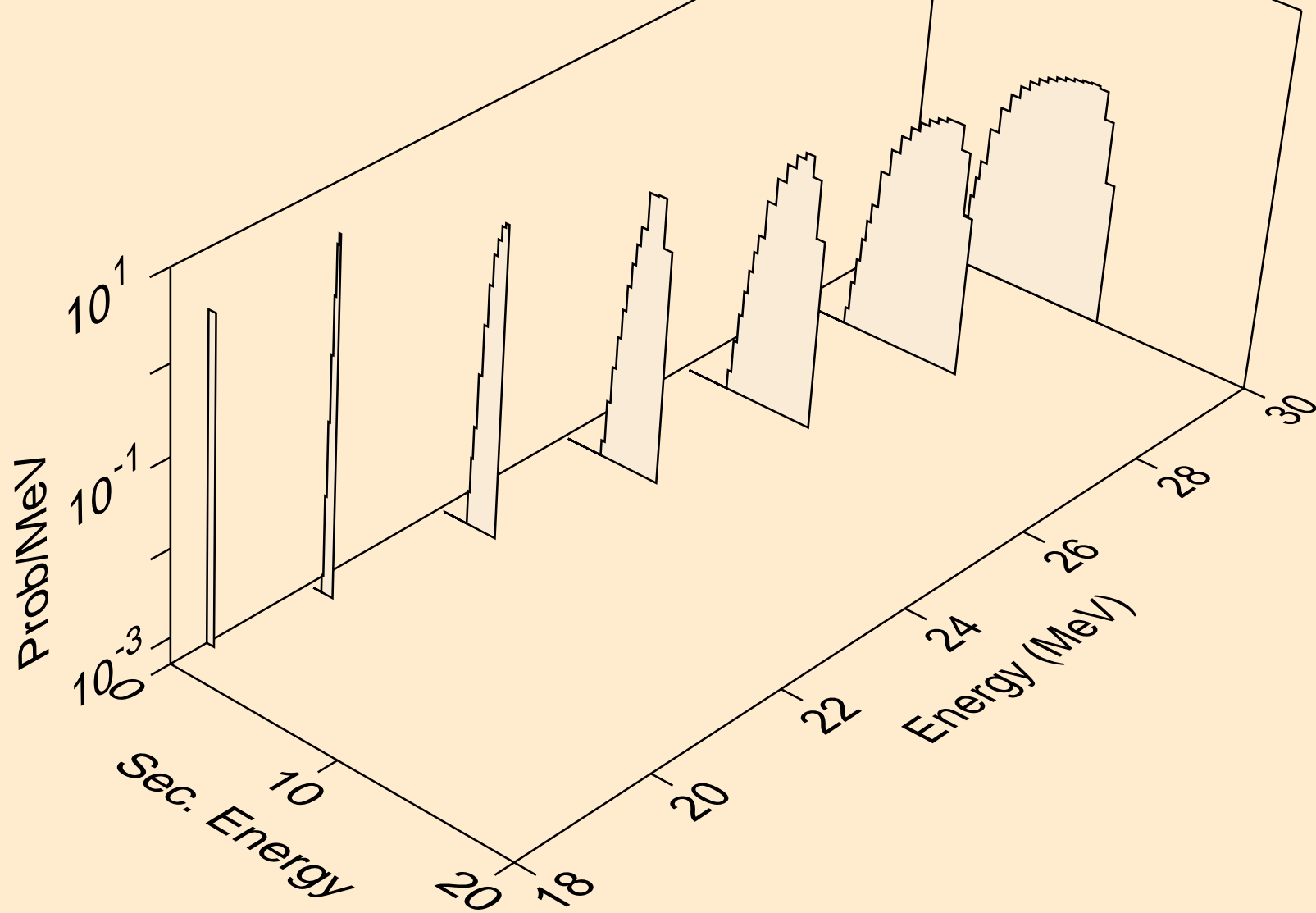
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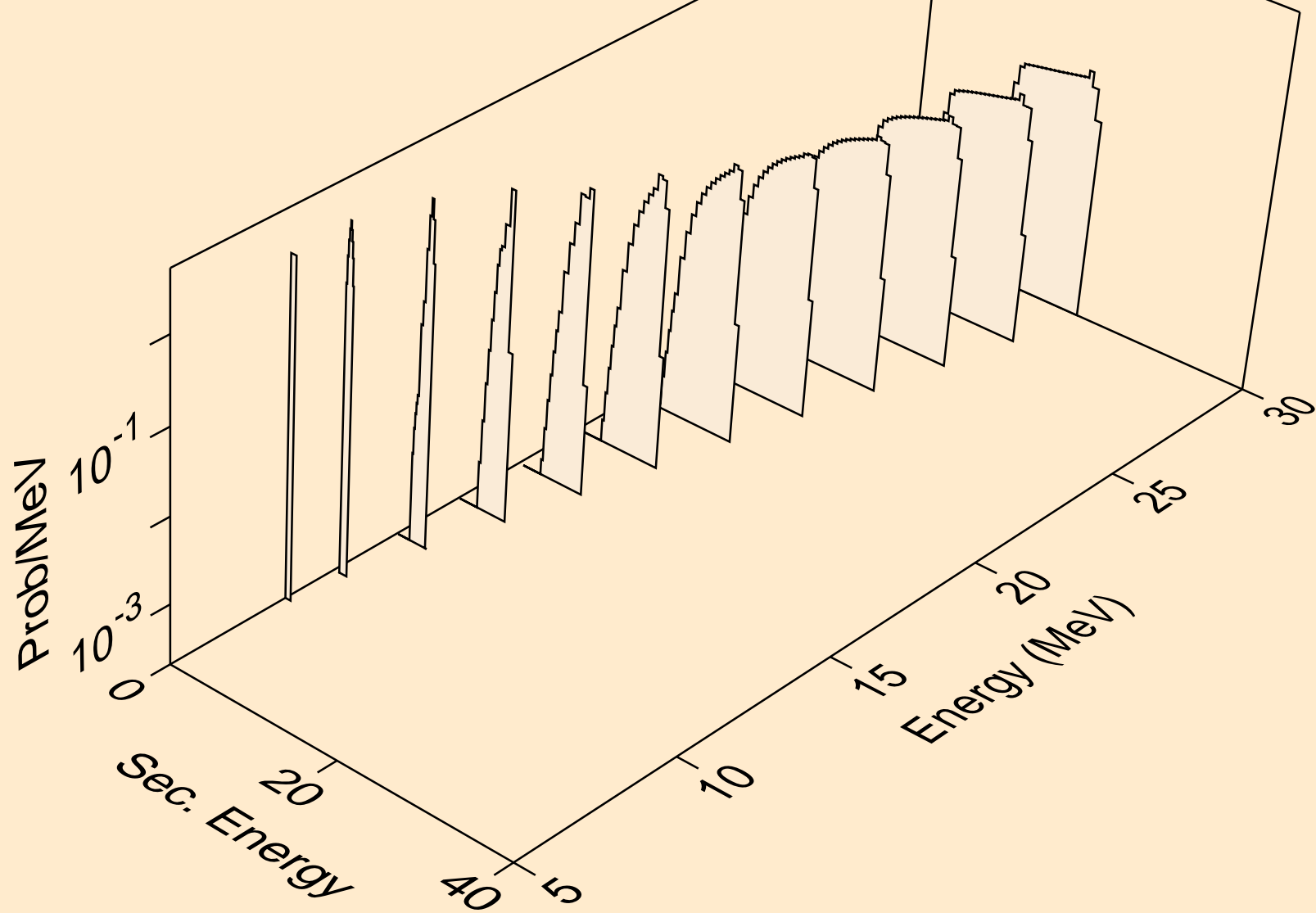
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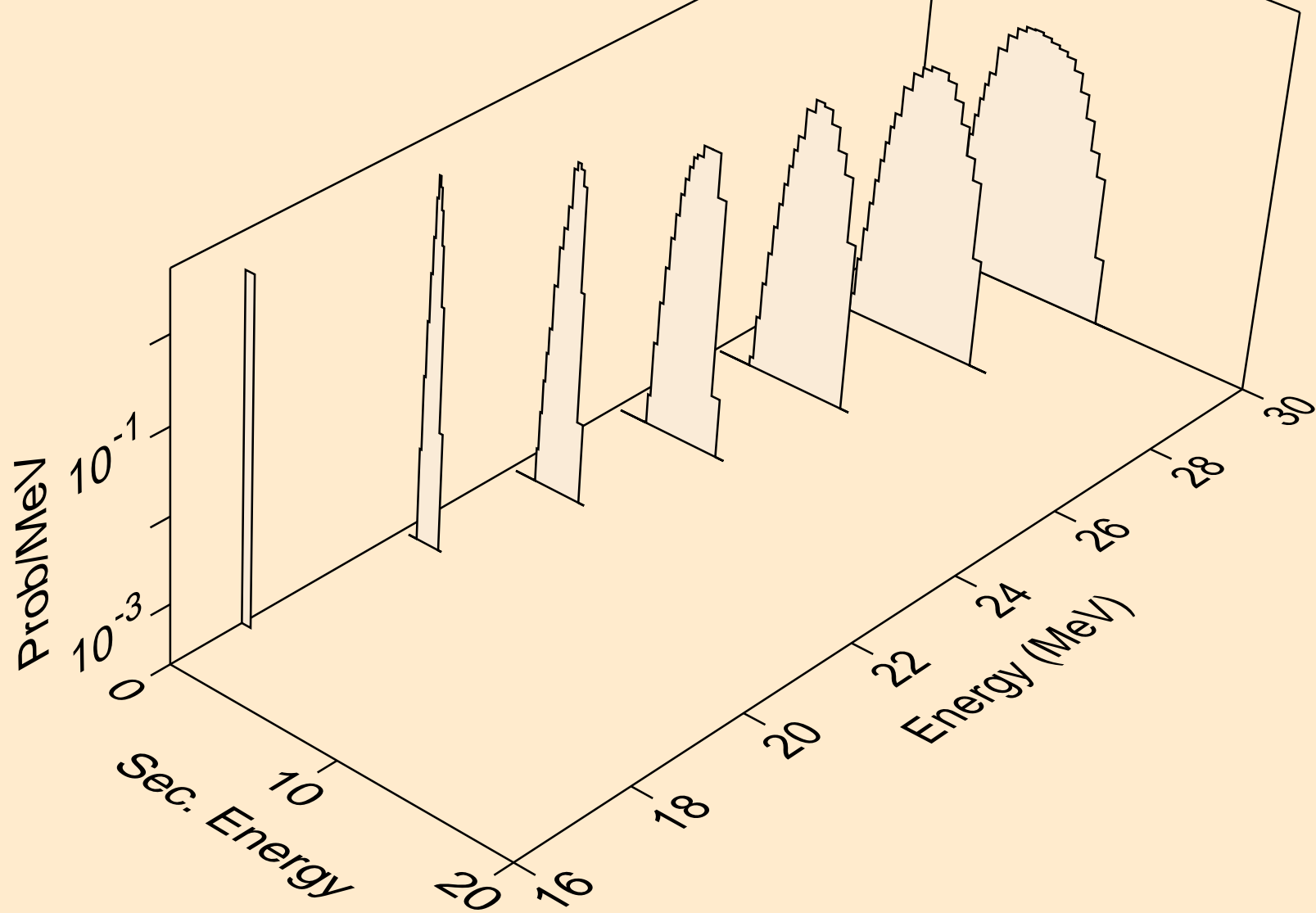
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deuterons from (n,n\*)d



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

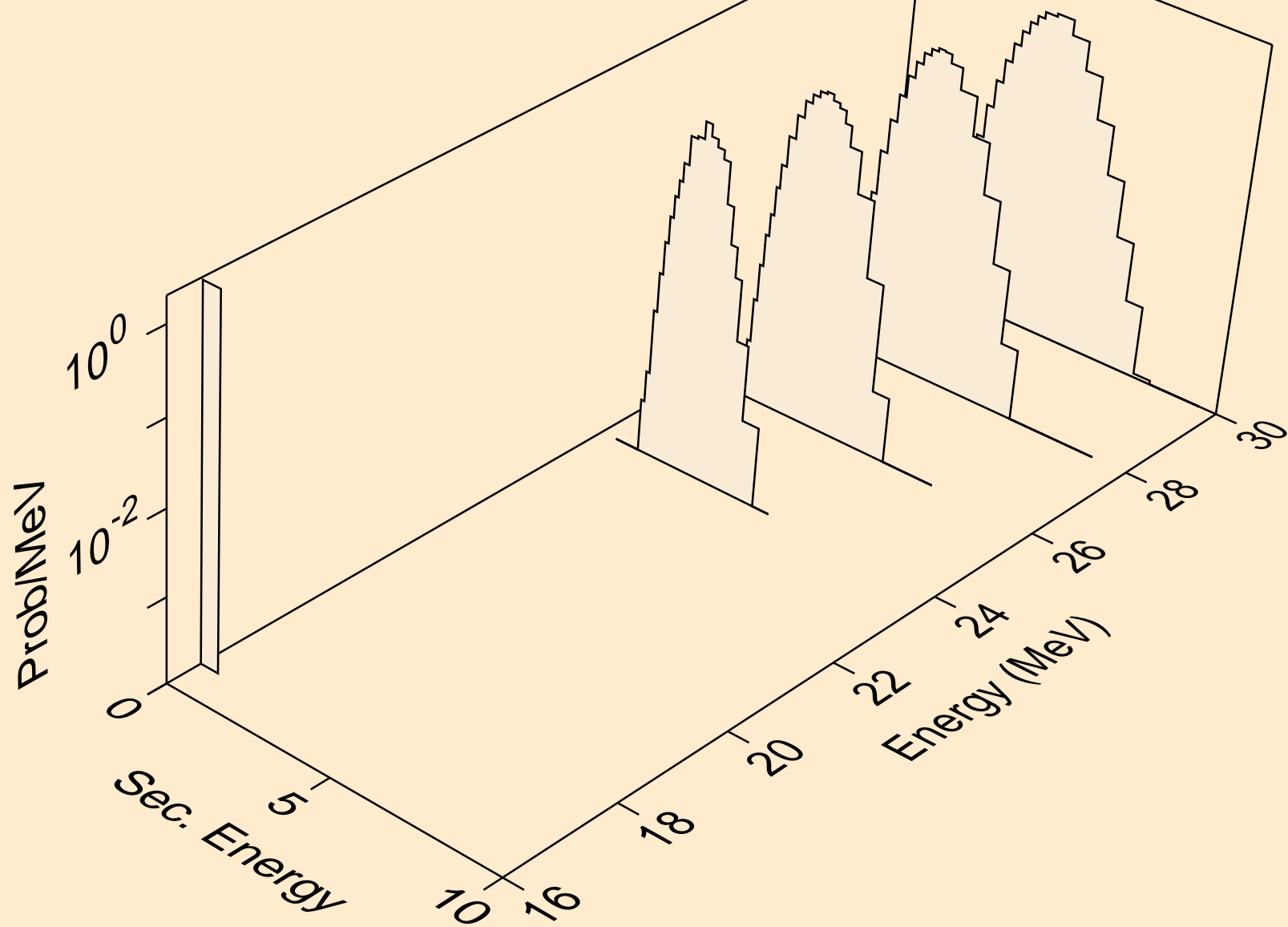


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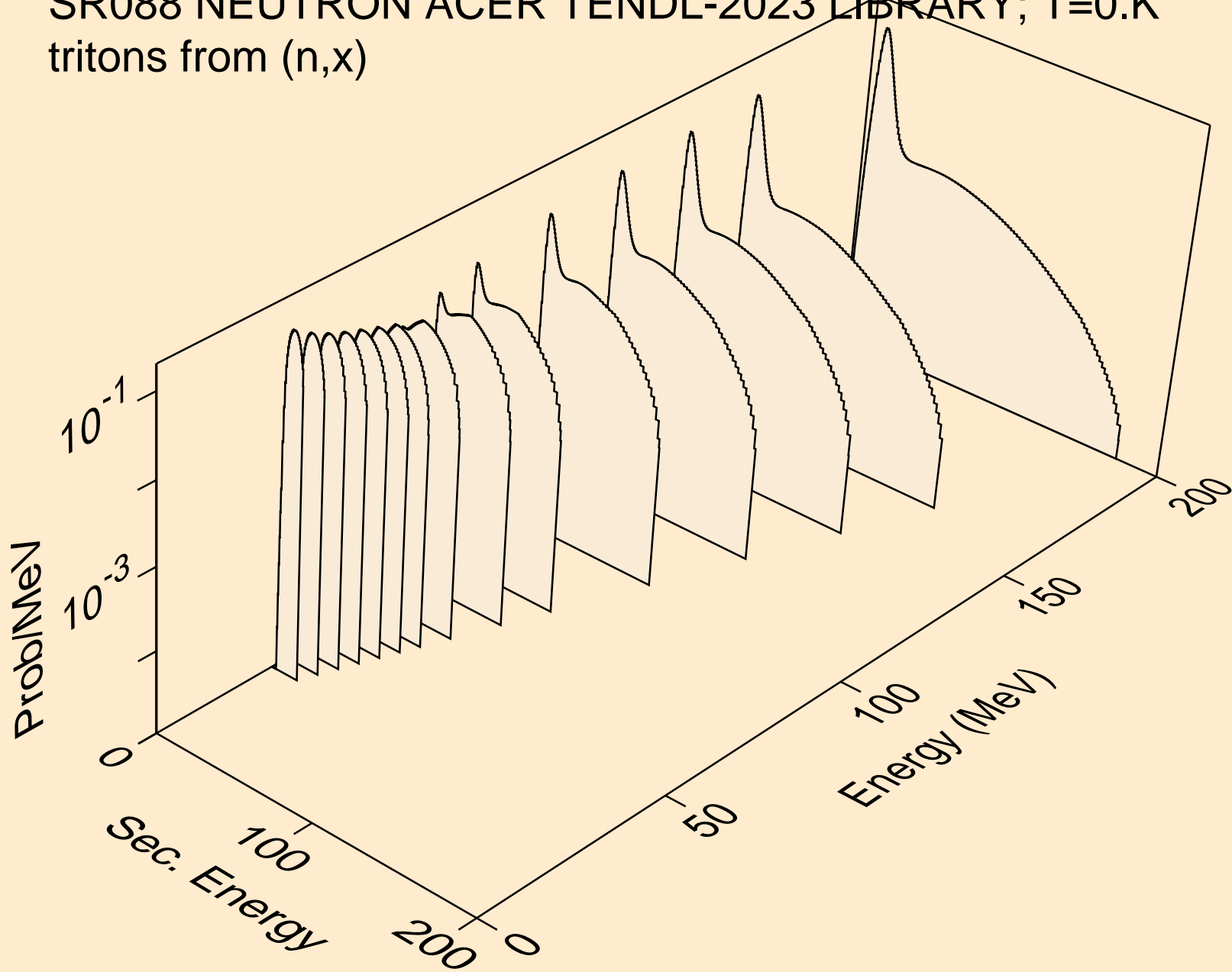




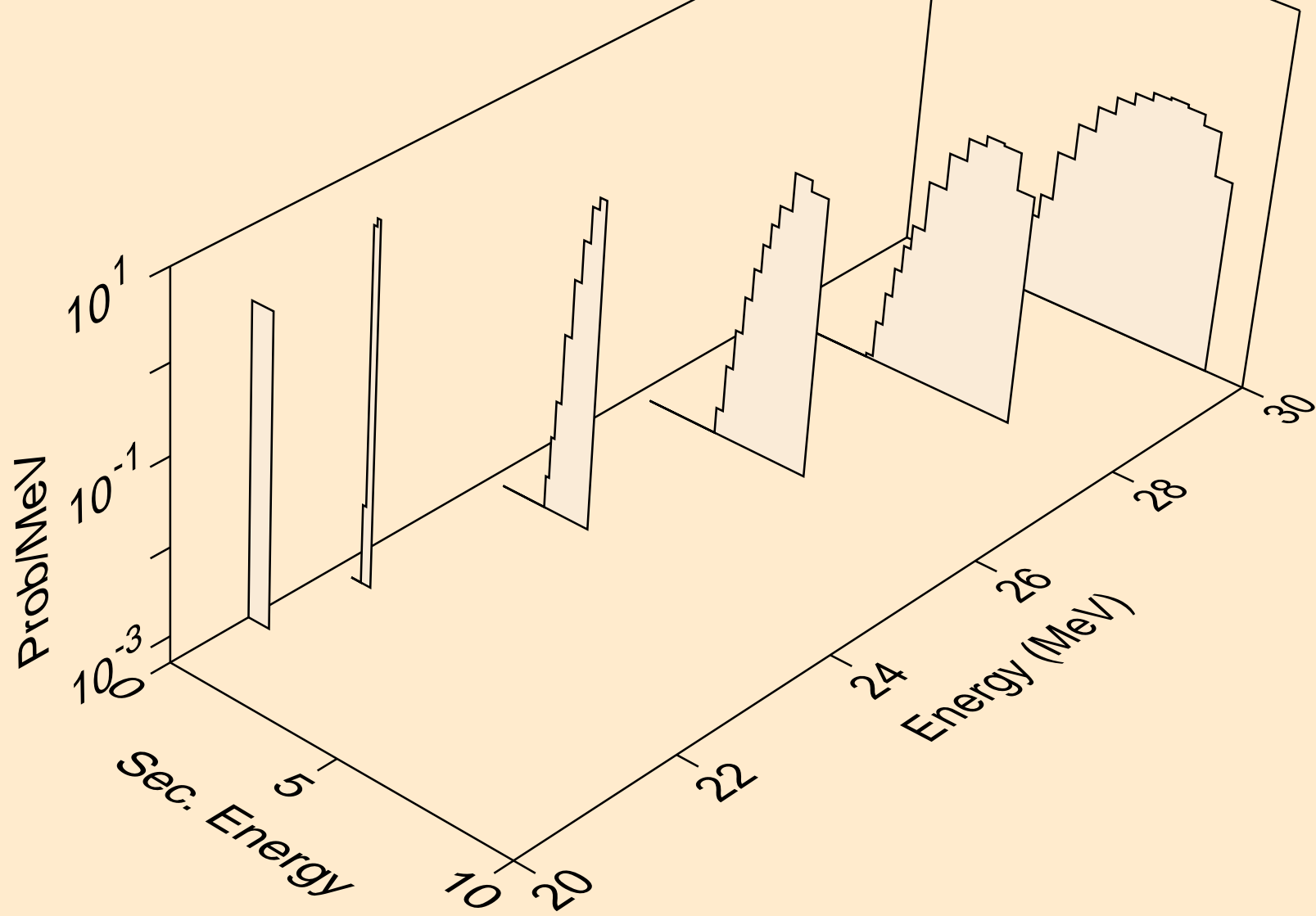
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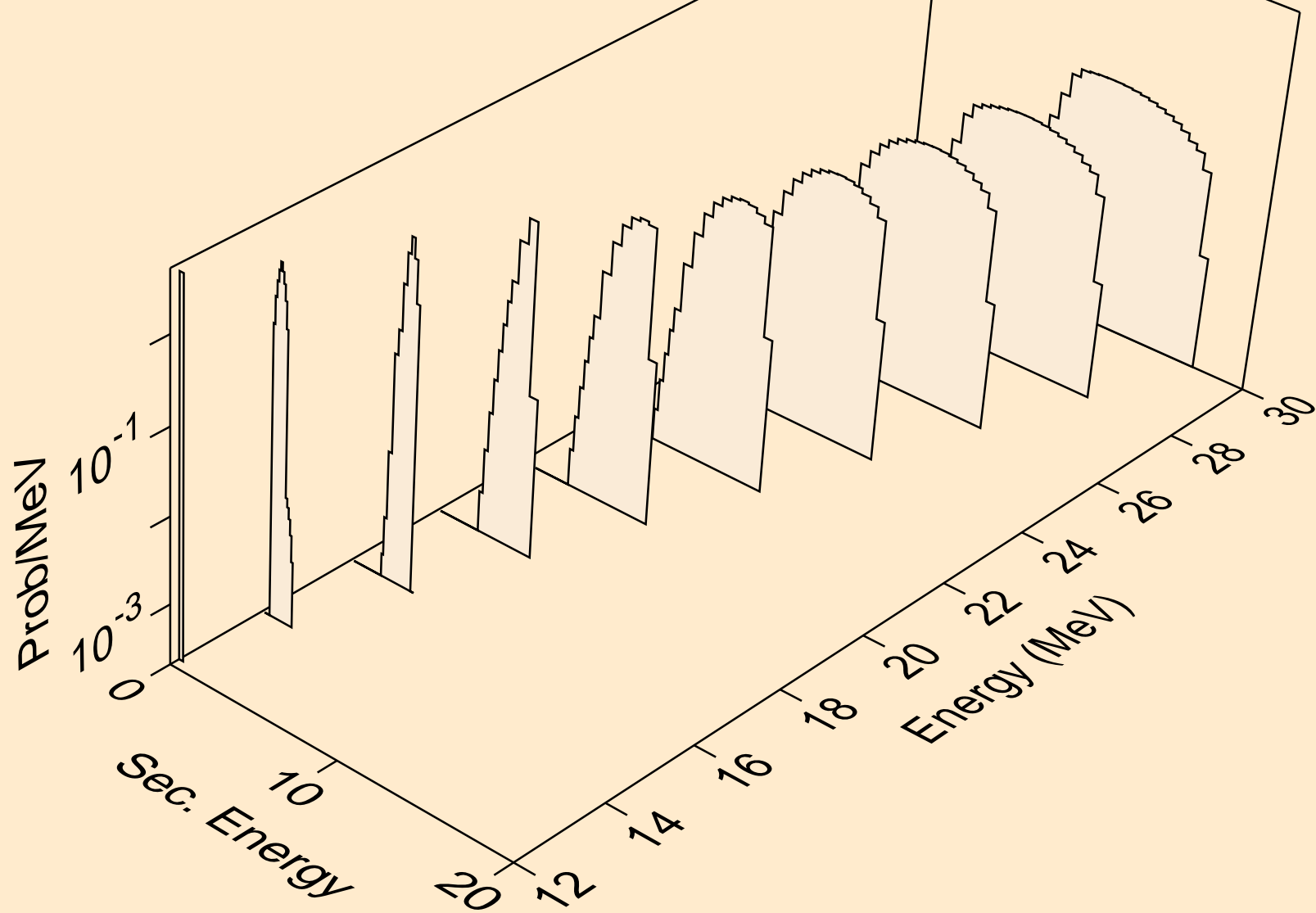
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tritons from (n,x)



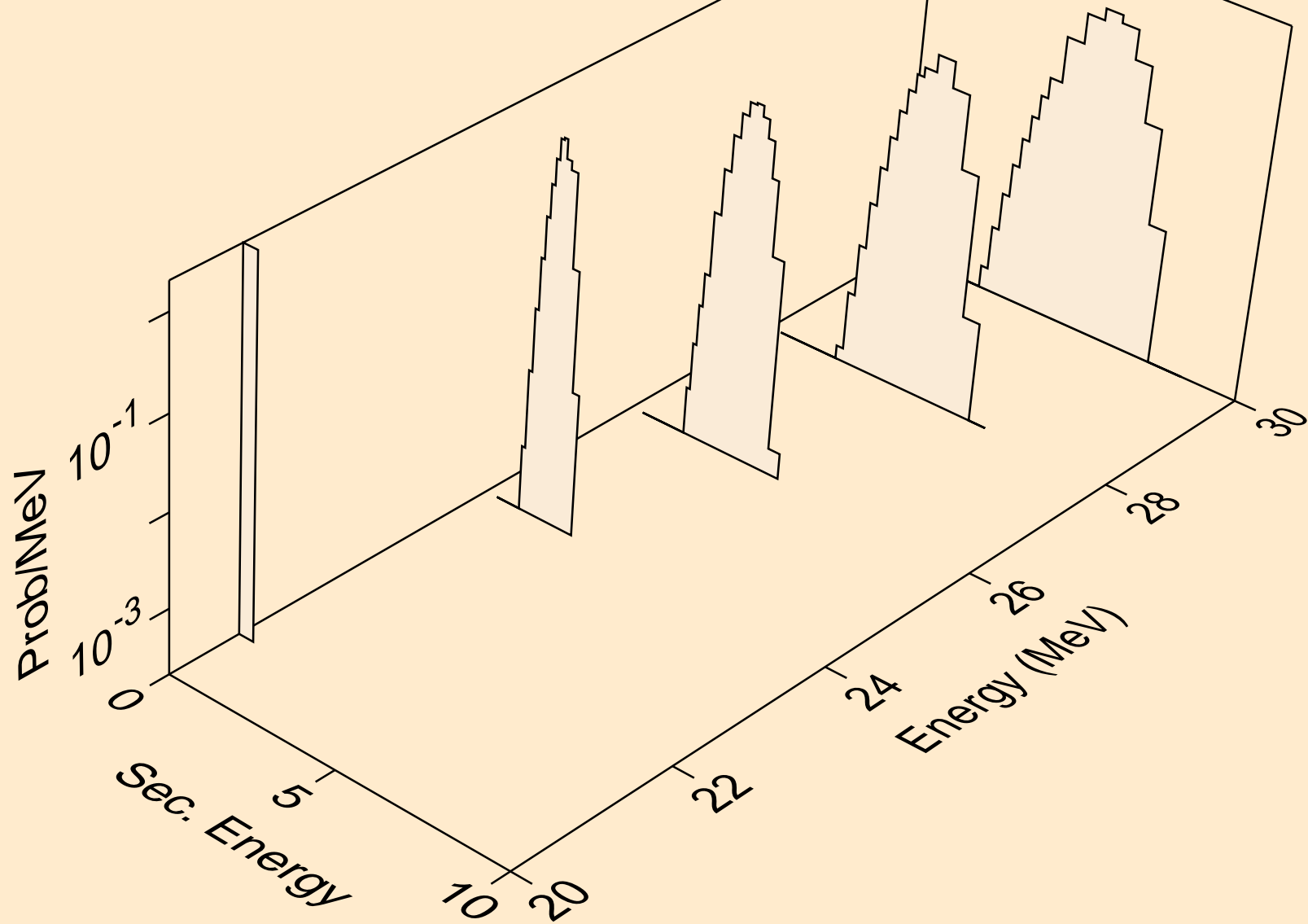
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tritons from (n,n\*)t



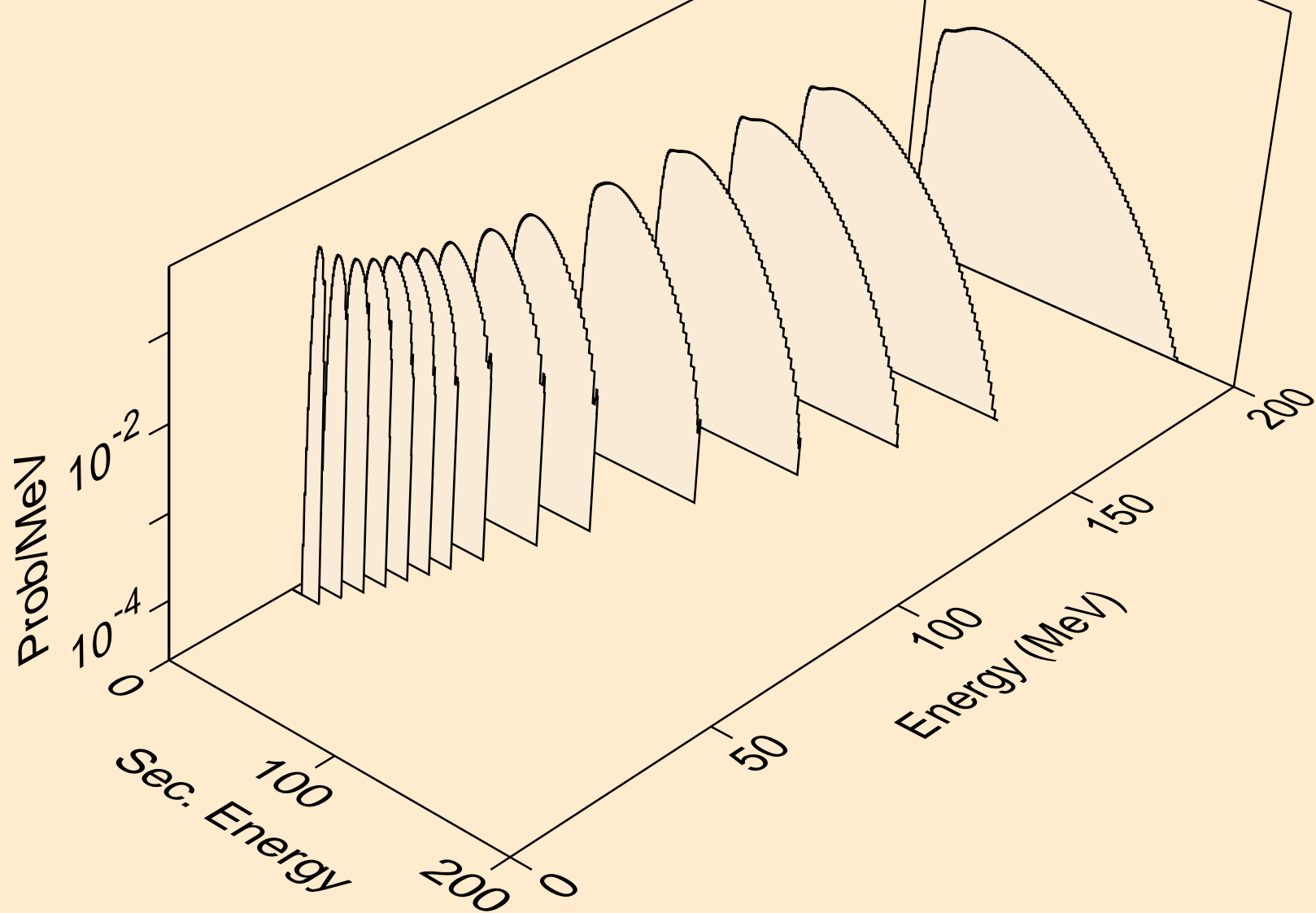
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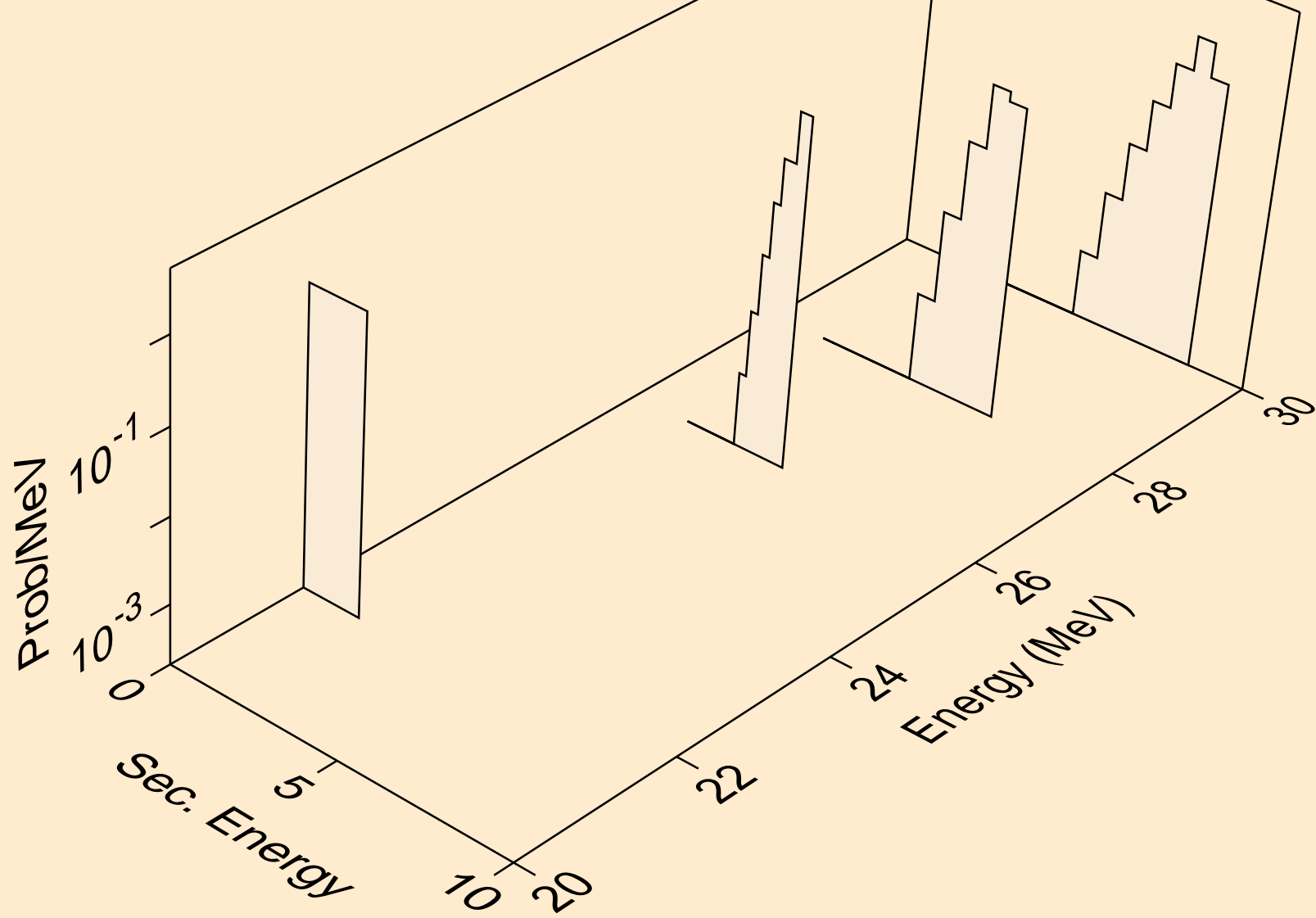
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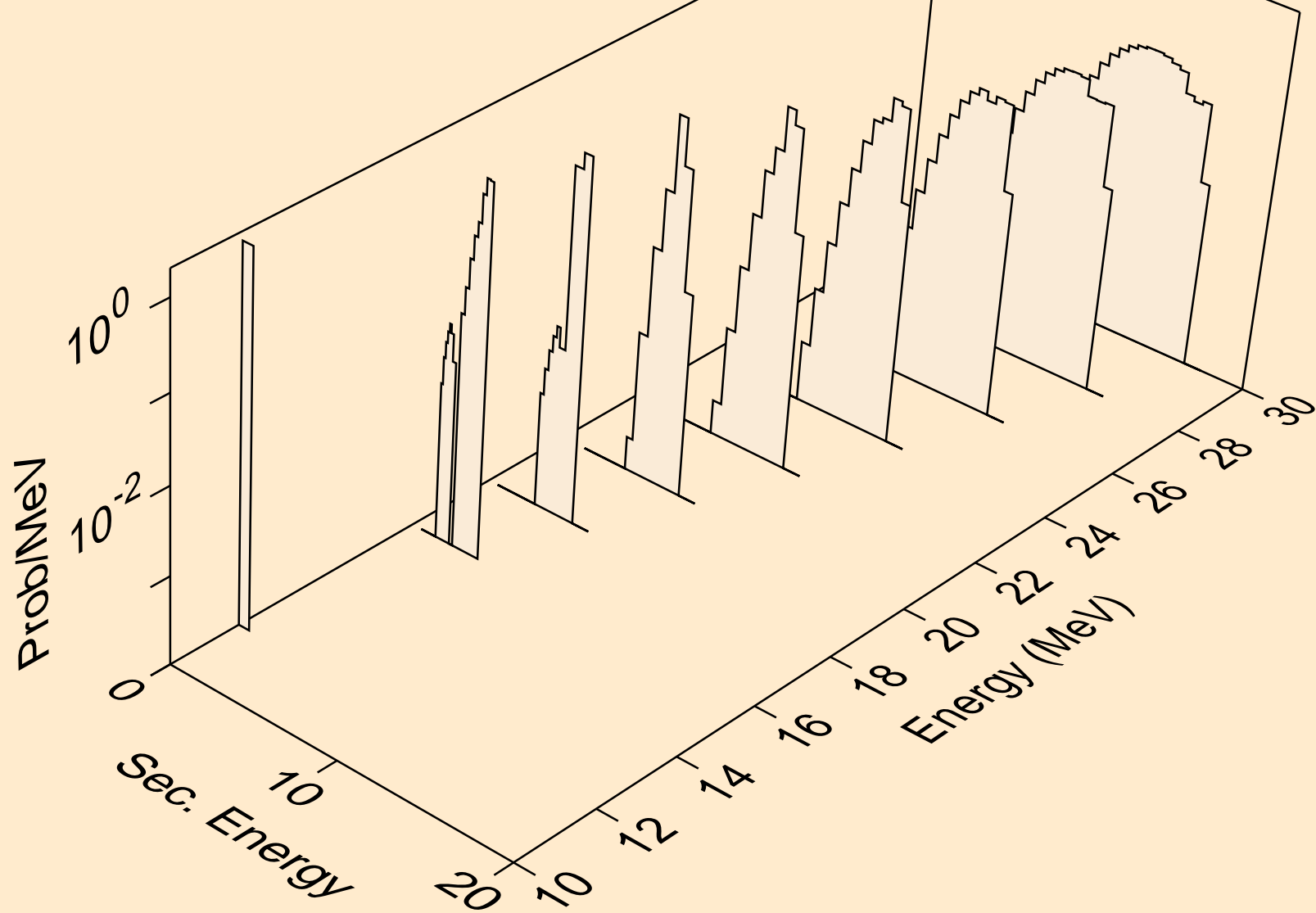
SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

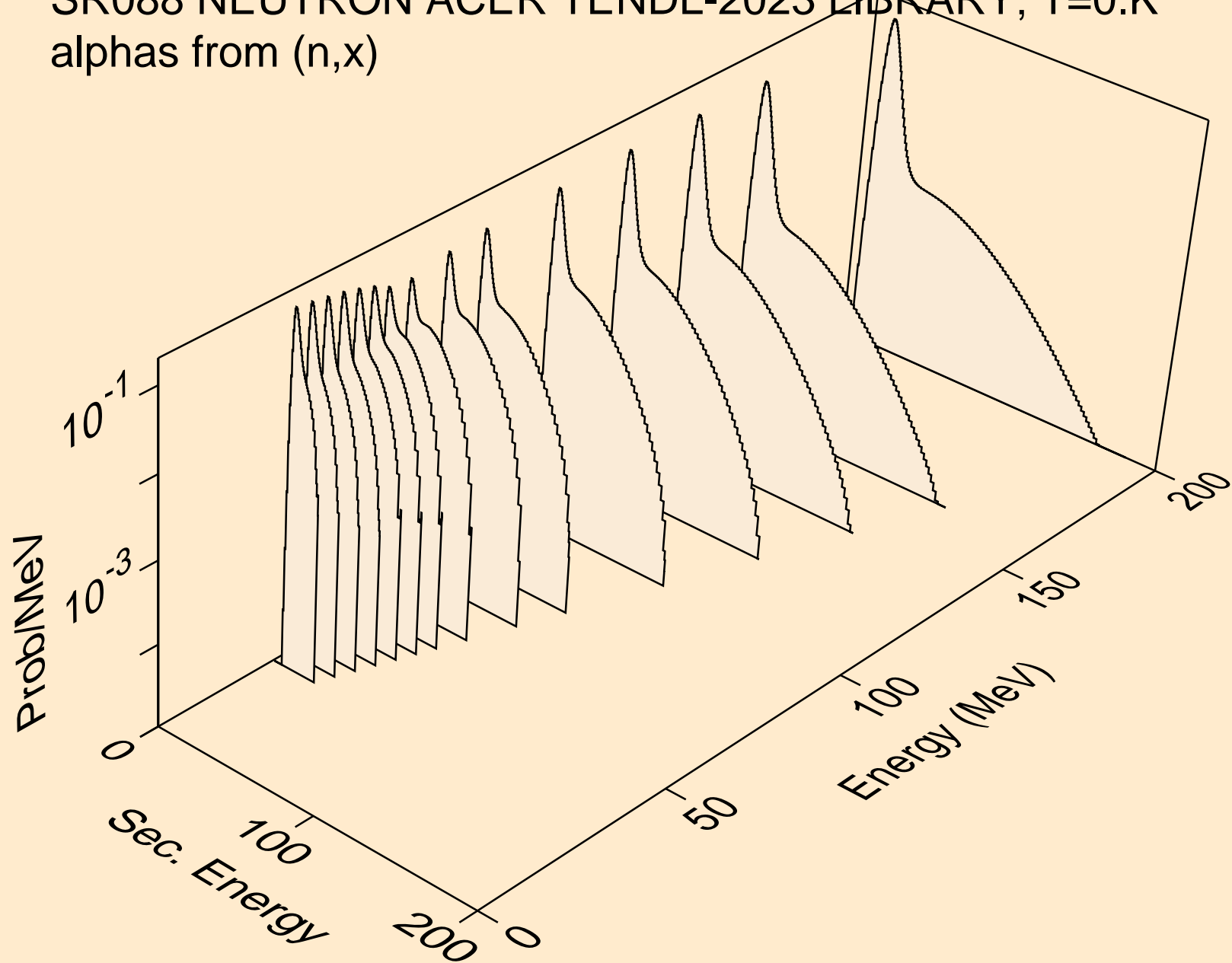


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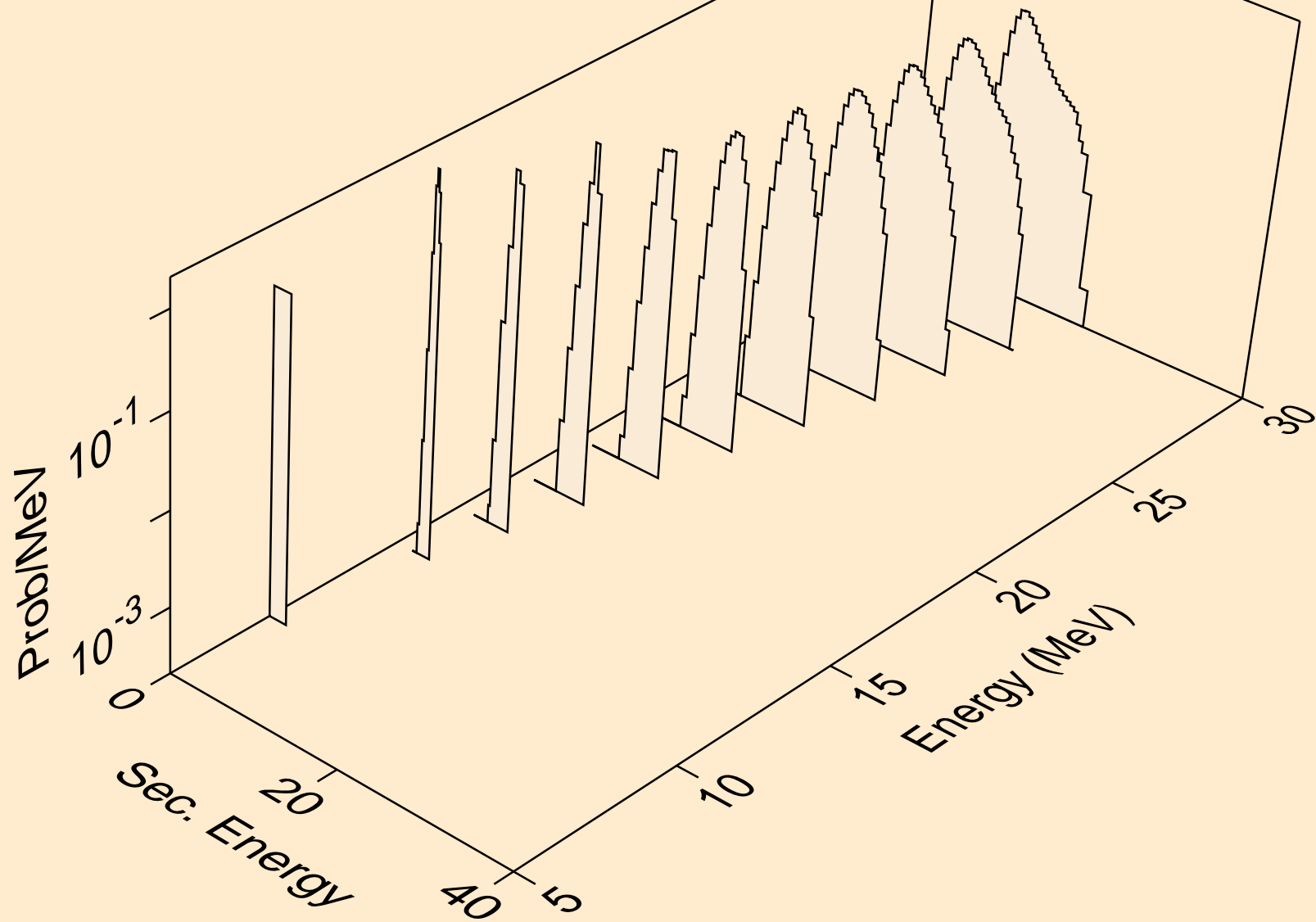




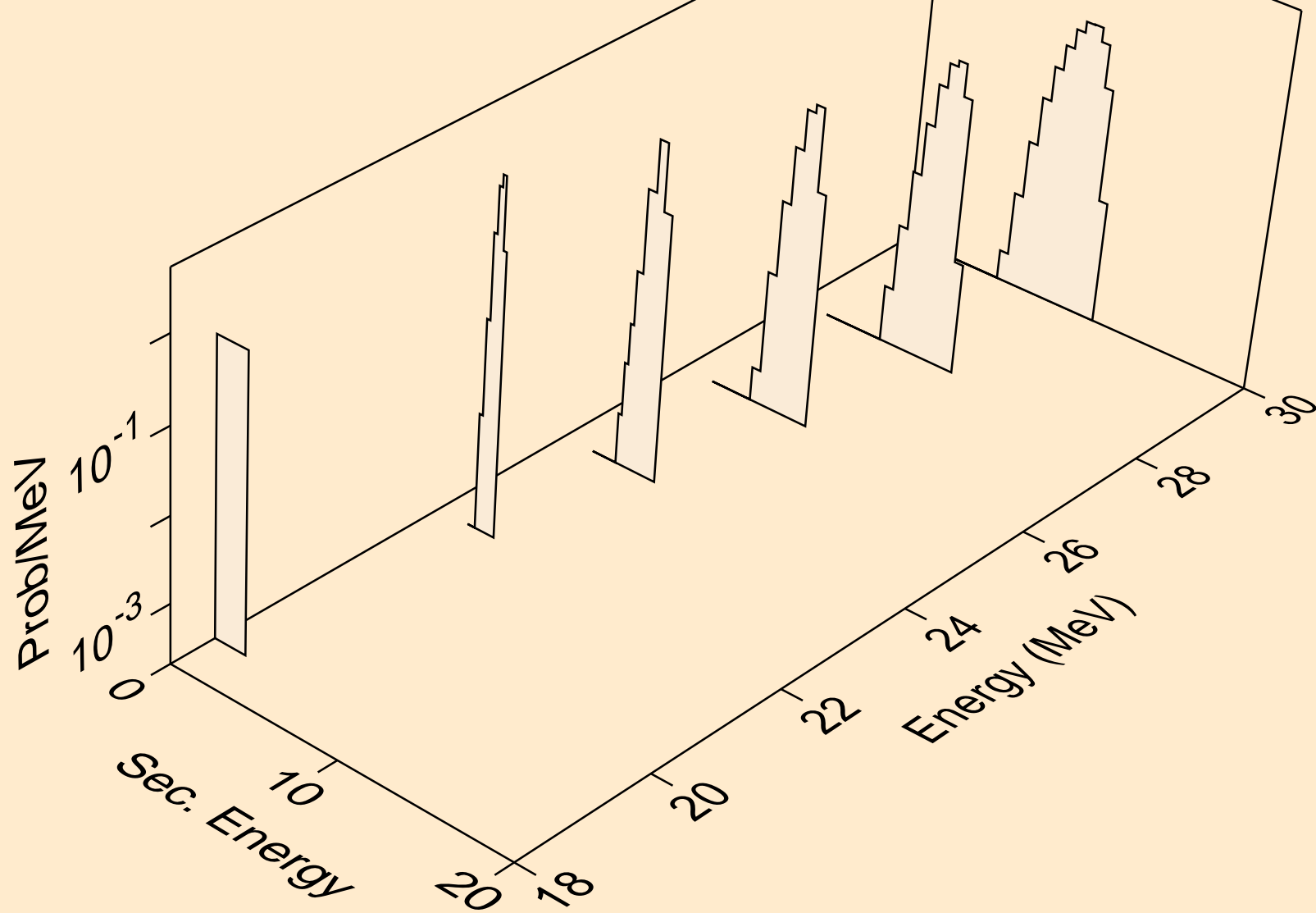
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alphas from (n,x)



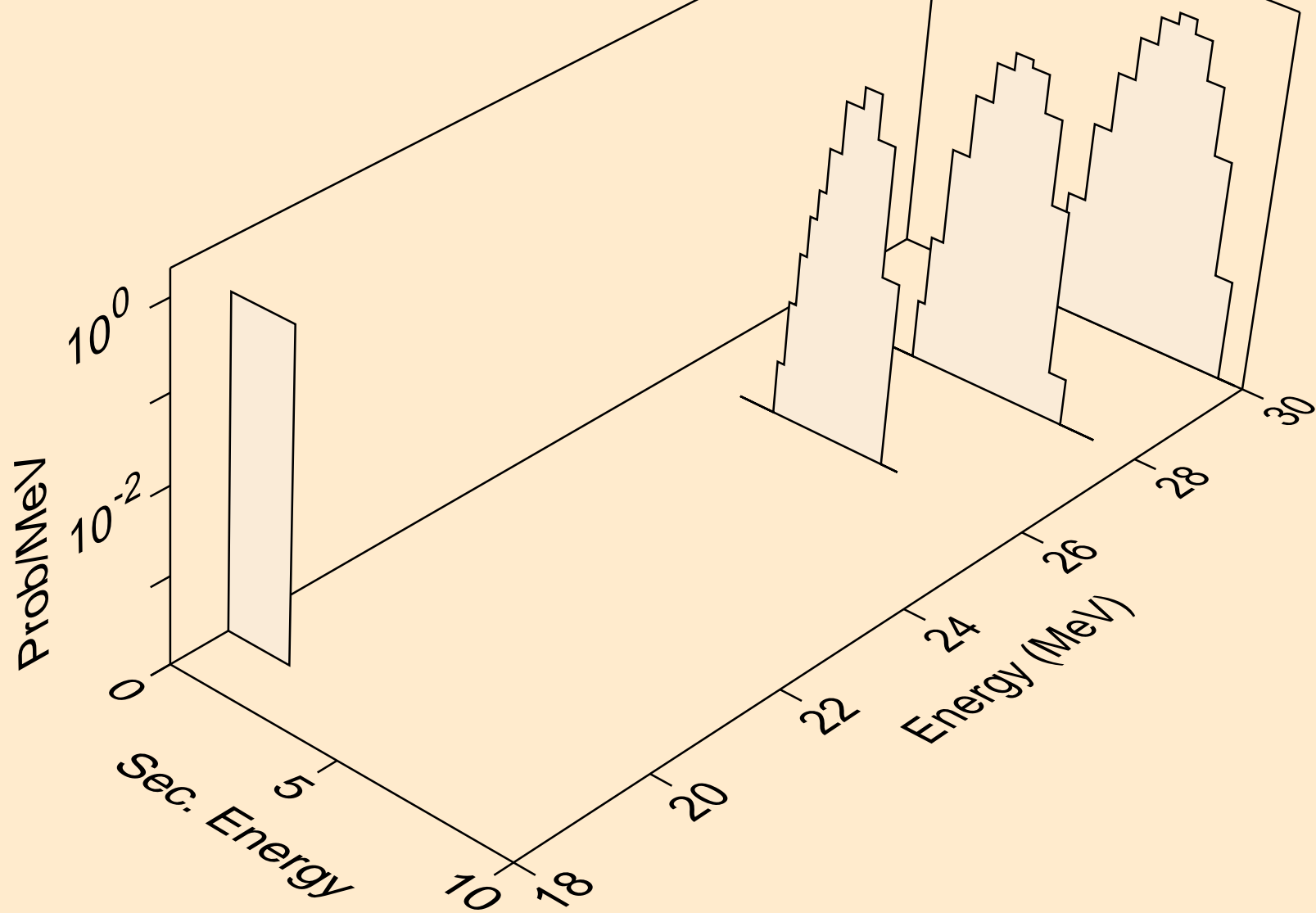
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alphas from (n,n\*)a



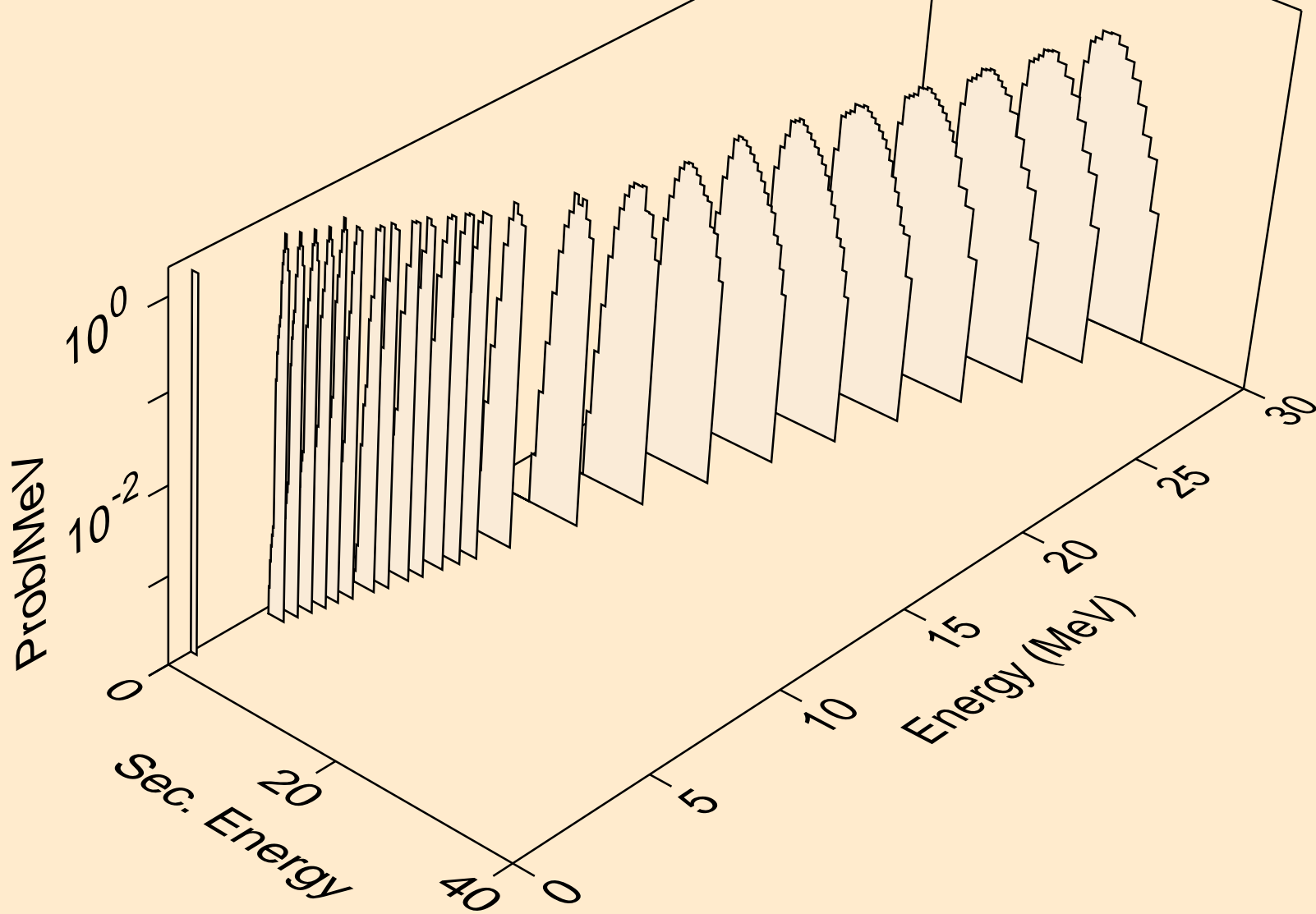
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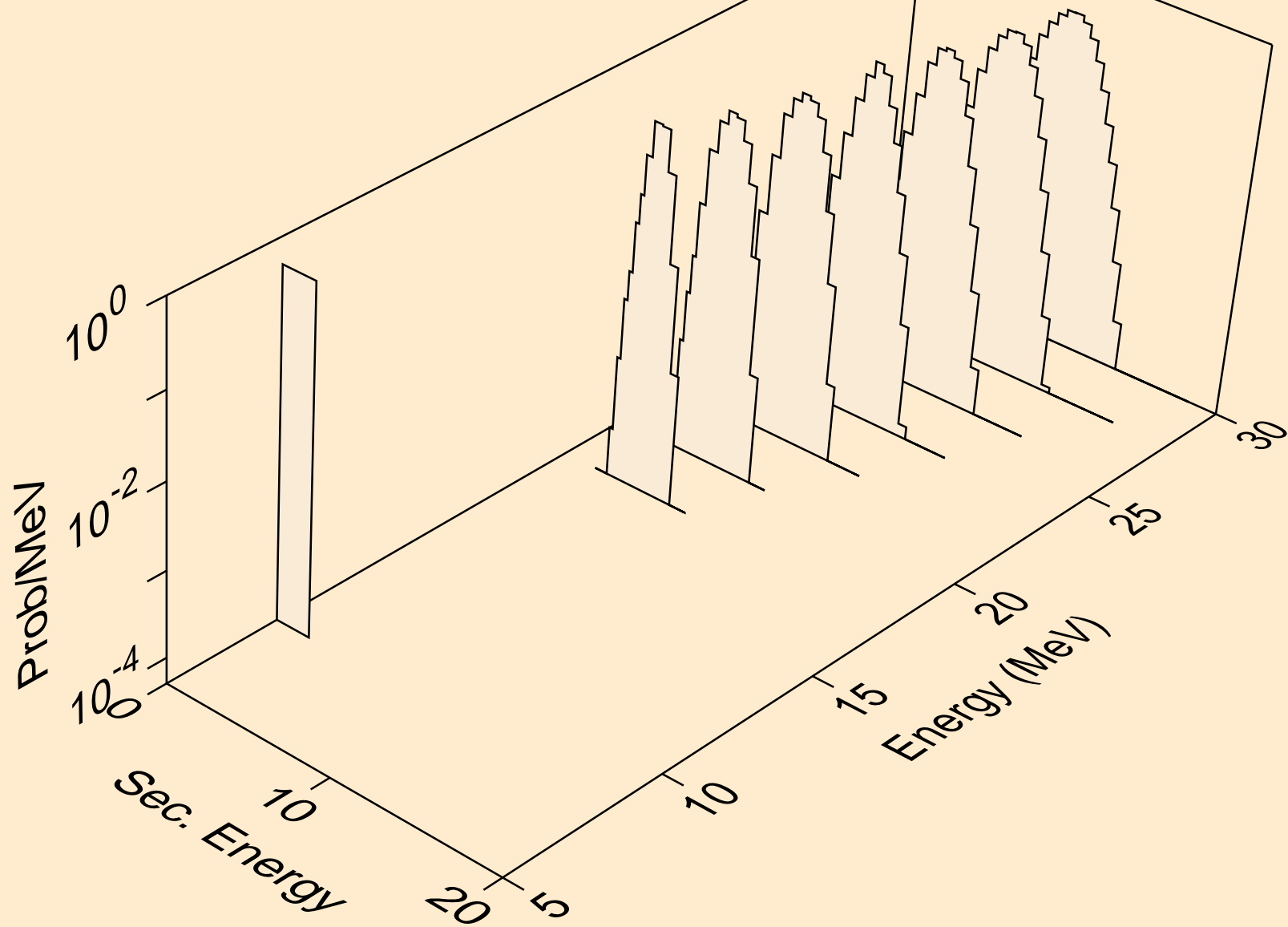
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alphas from (n,npa)



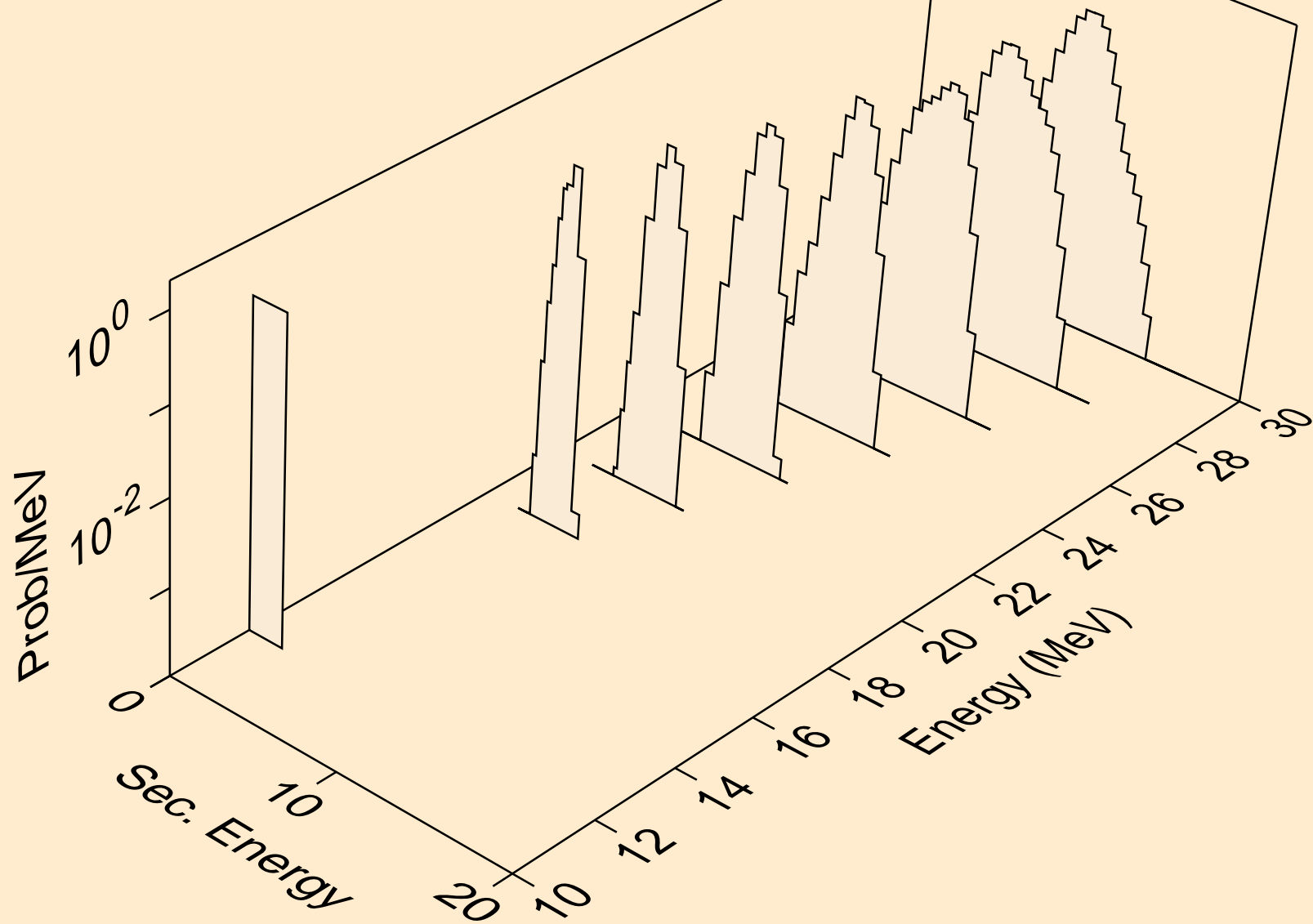
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alphas from (n,a)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



SR088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

