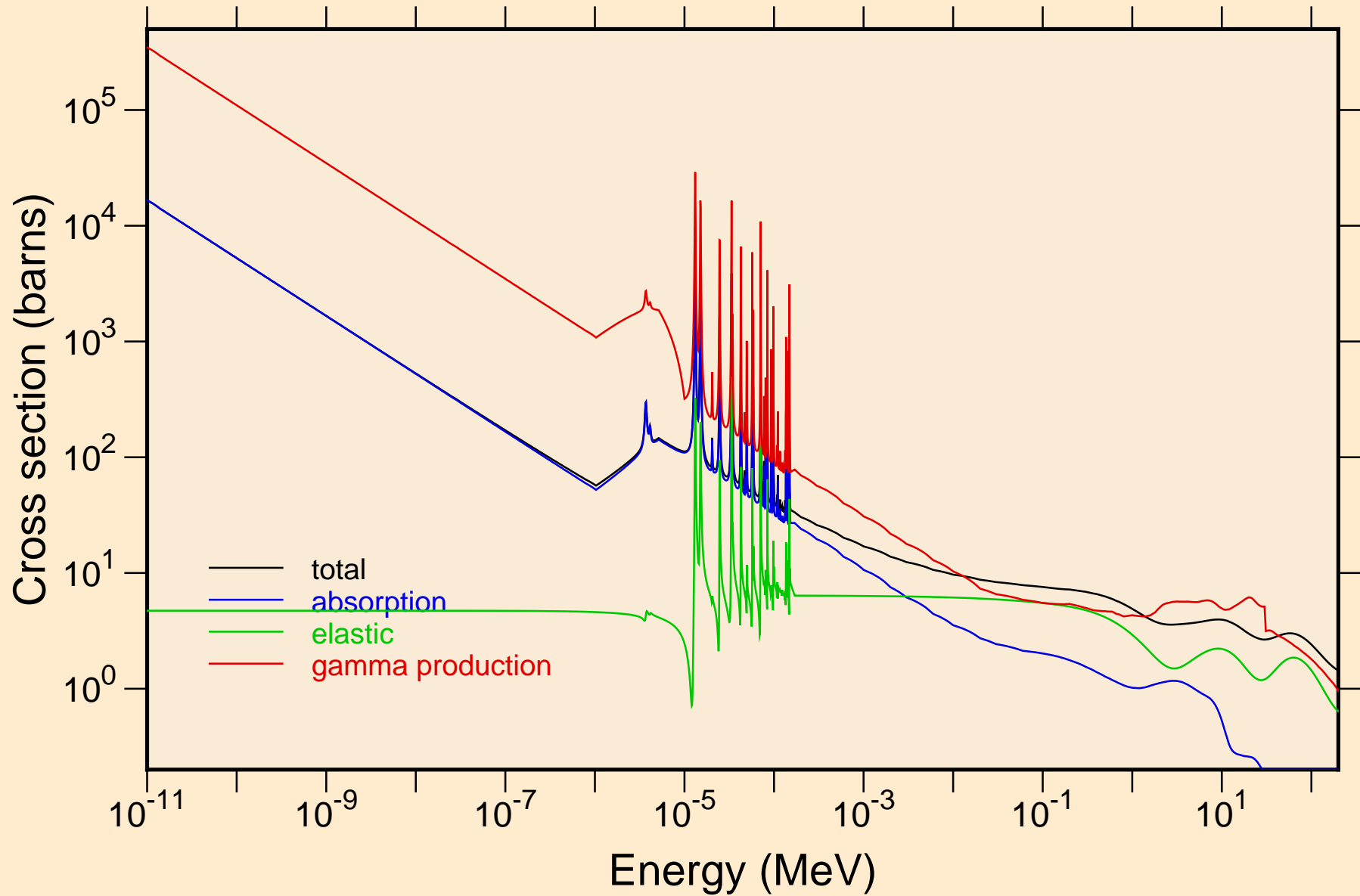
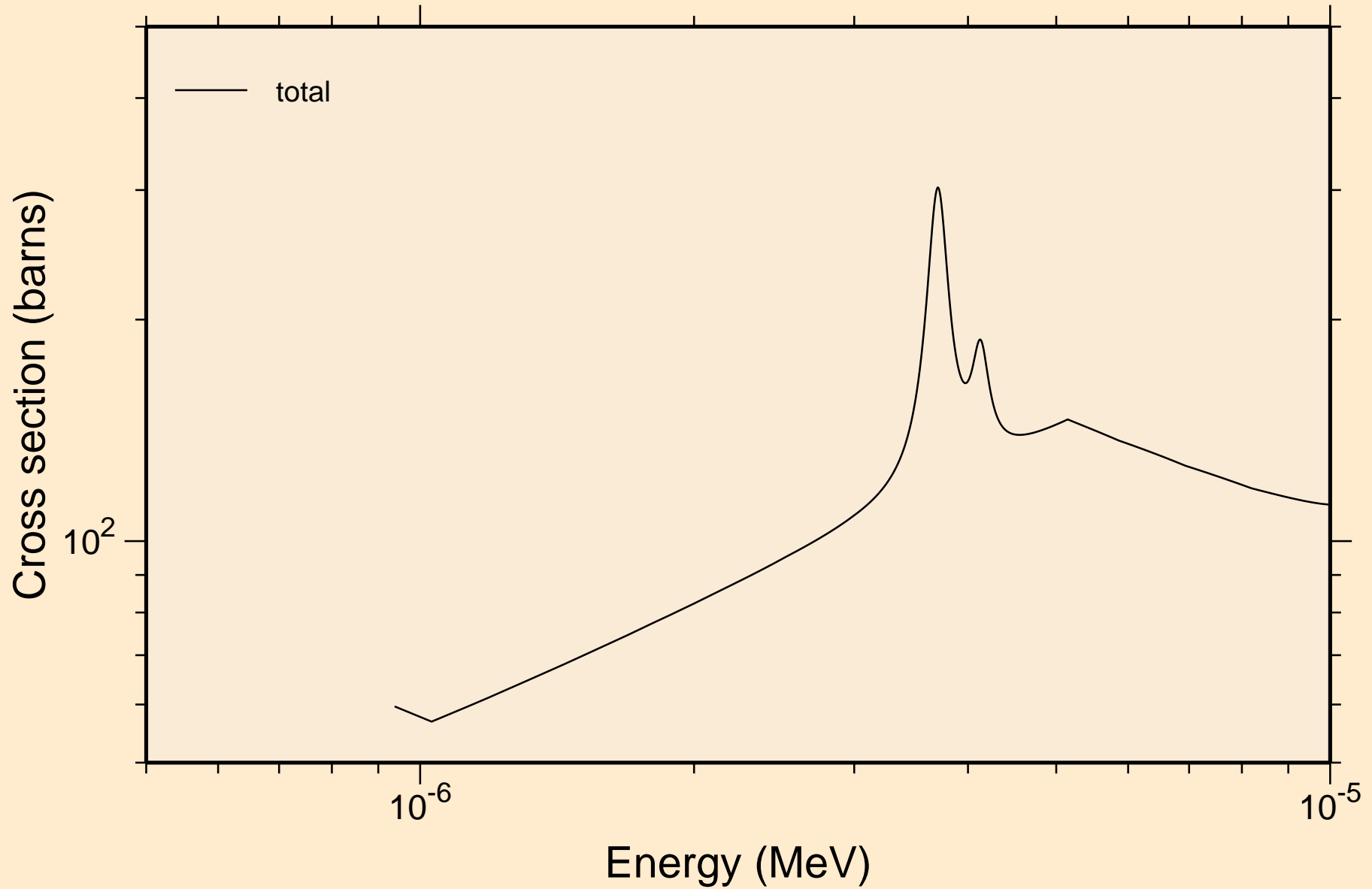


# RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

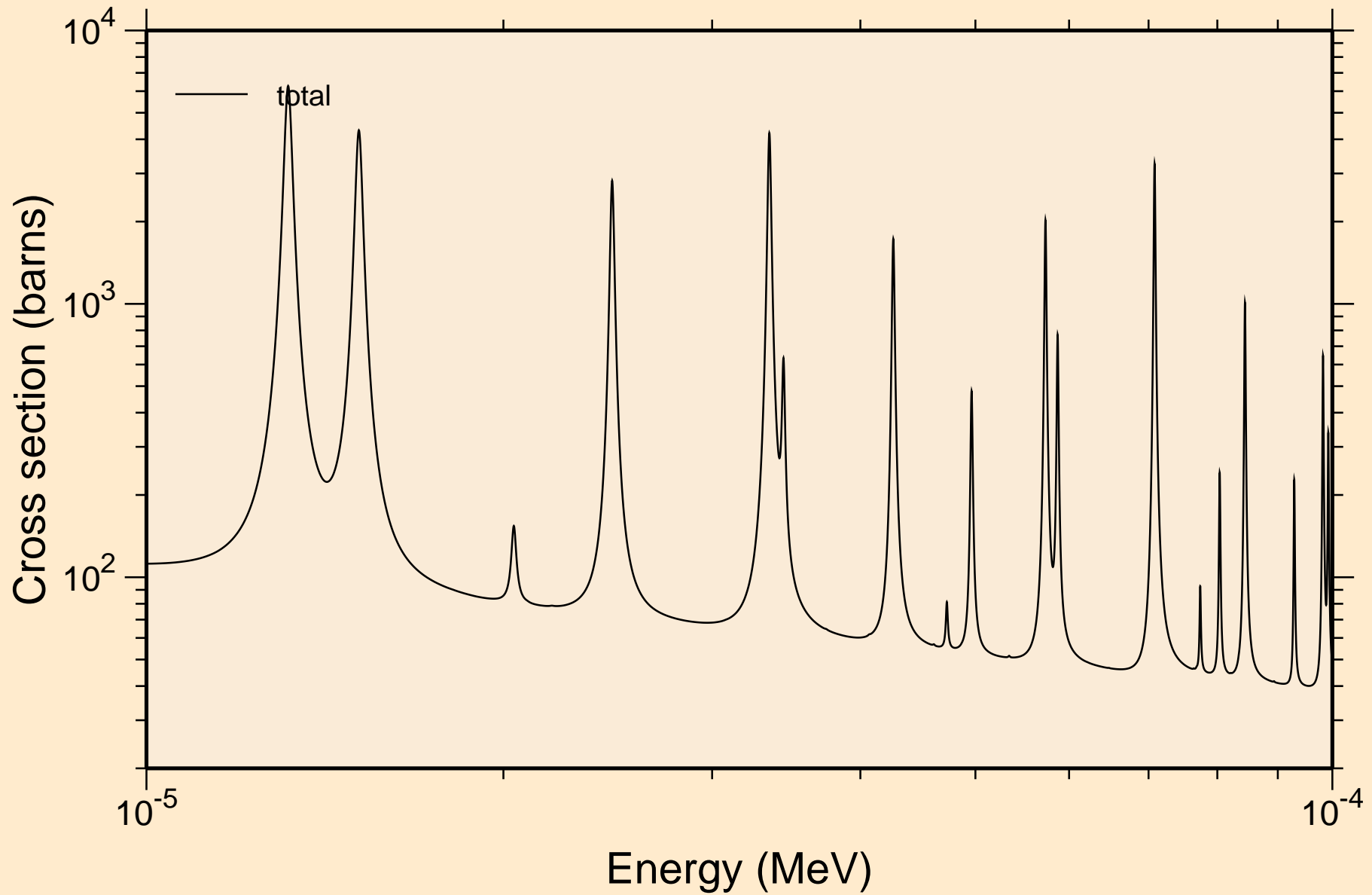
## Principal cross sections



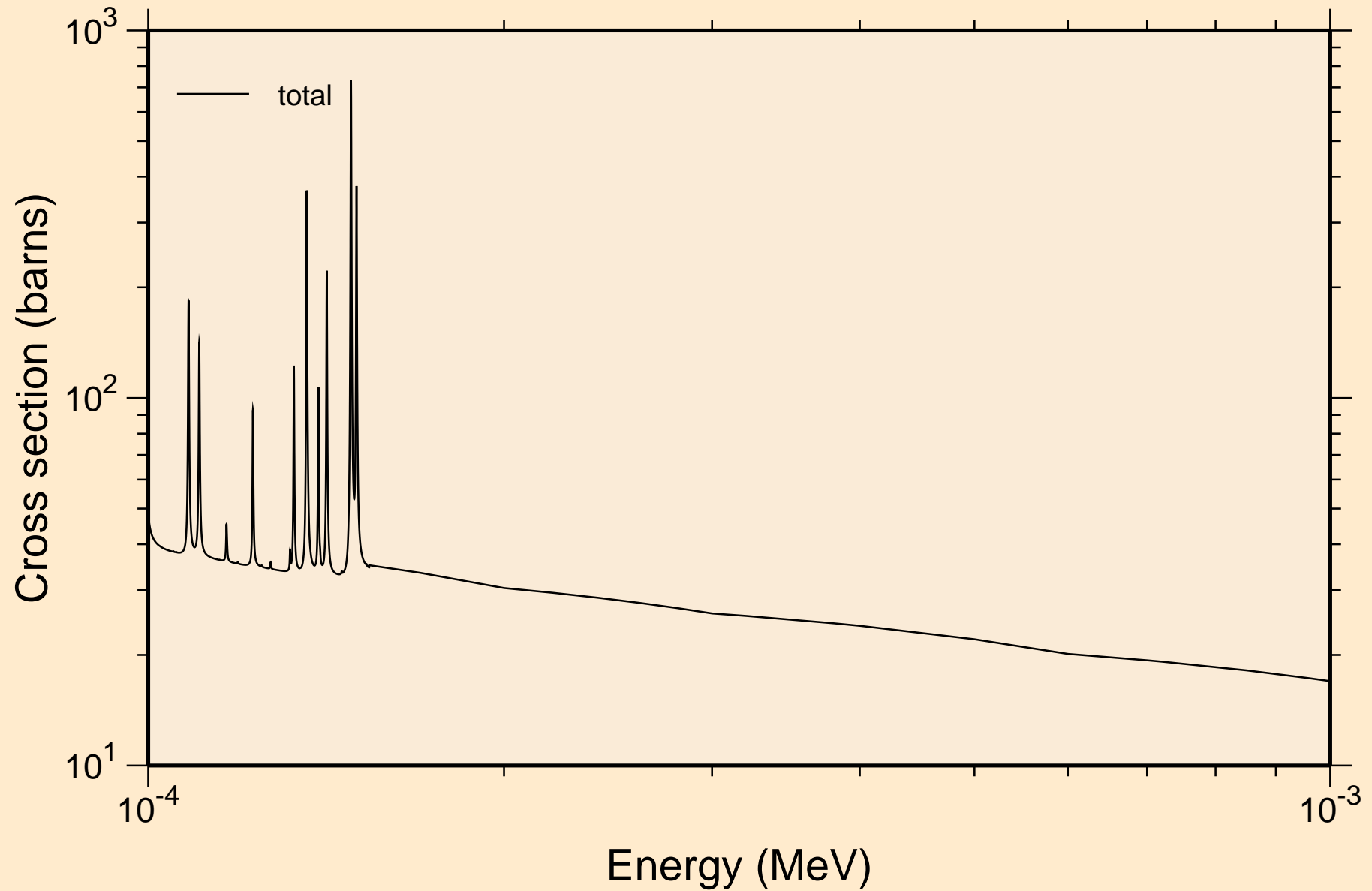
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resonance total cross section



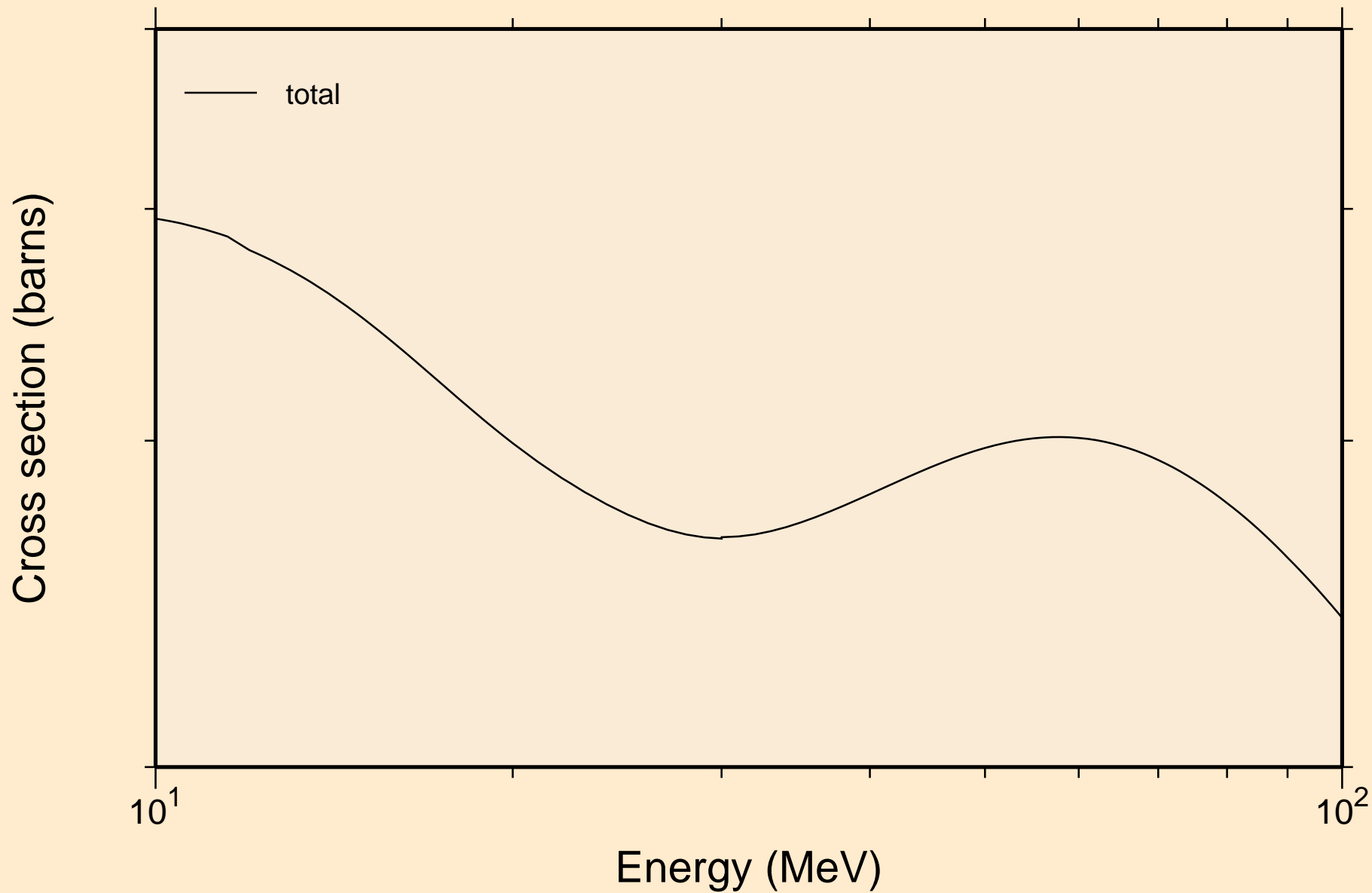
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resonance total cross section



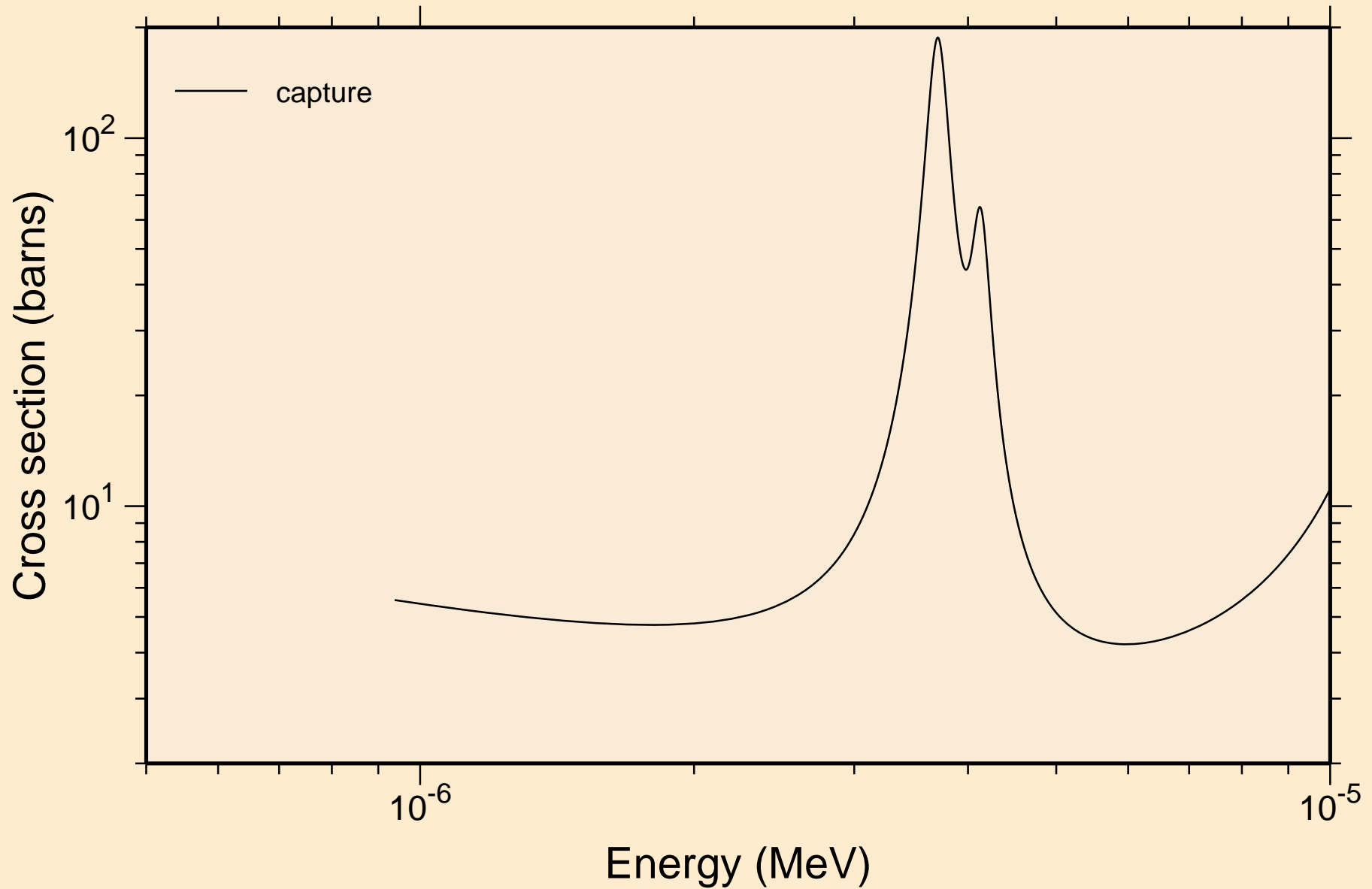
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



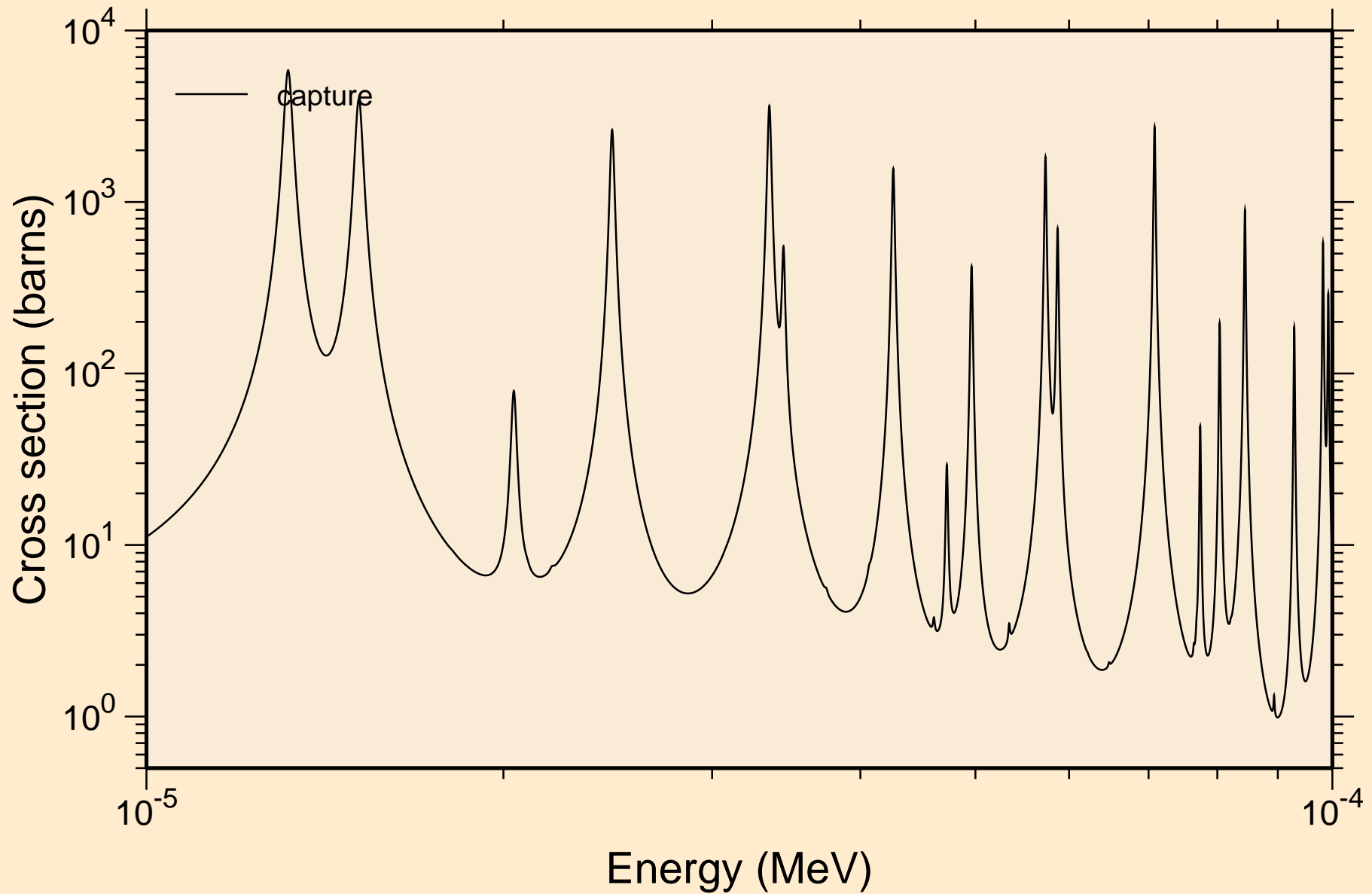
R̄B079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



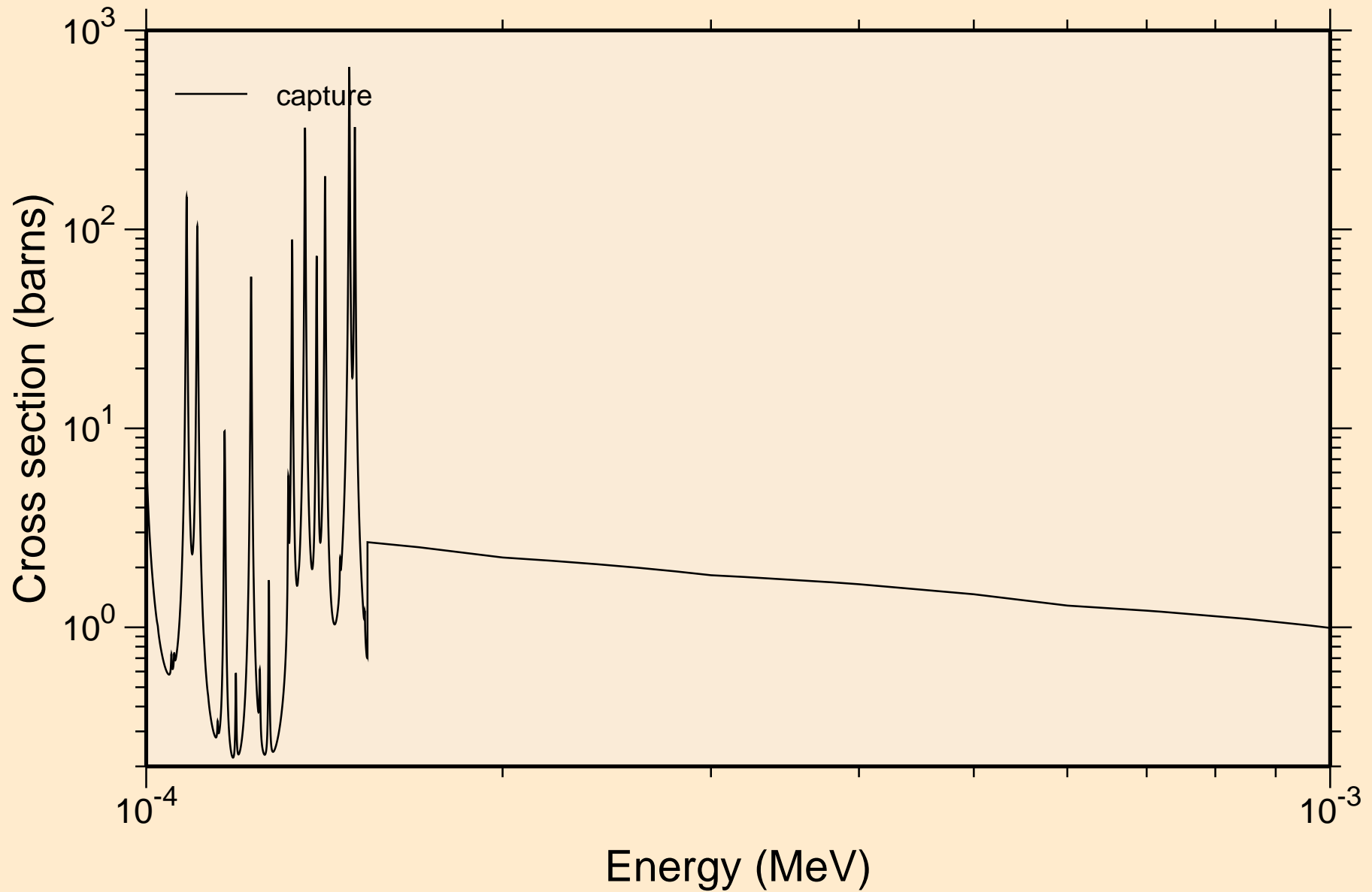
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

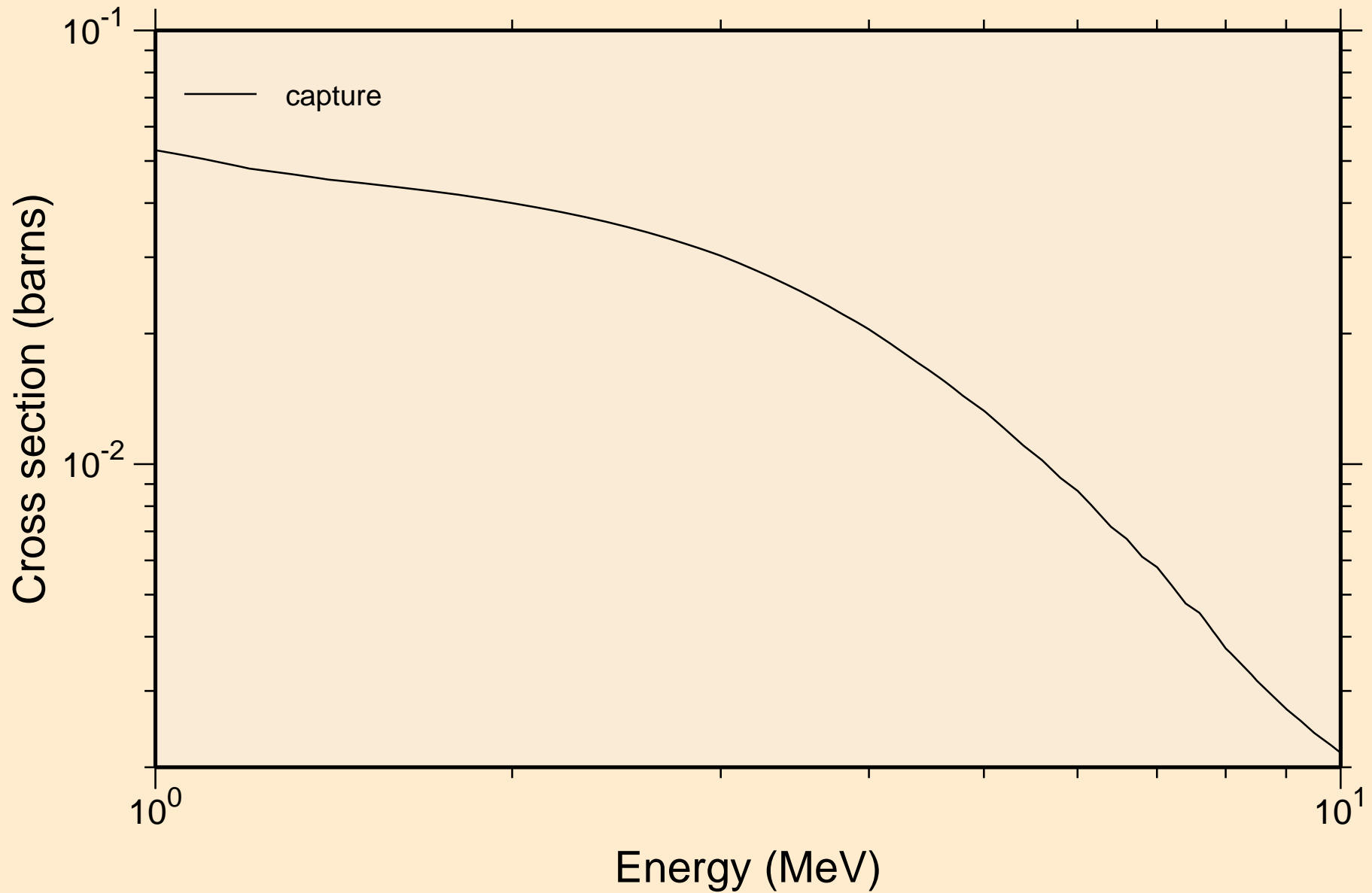


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

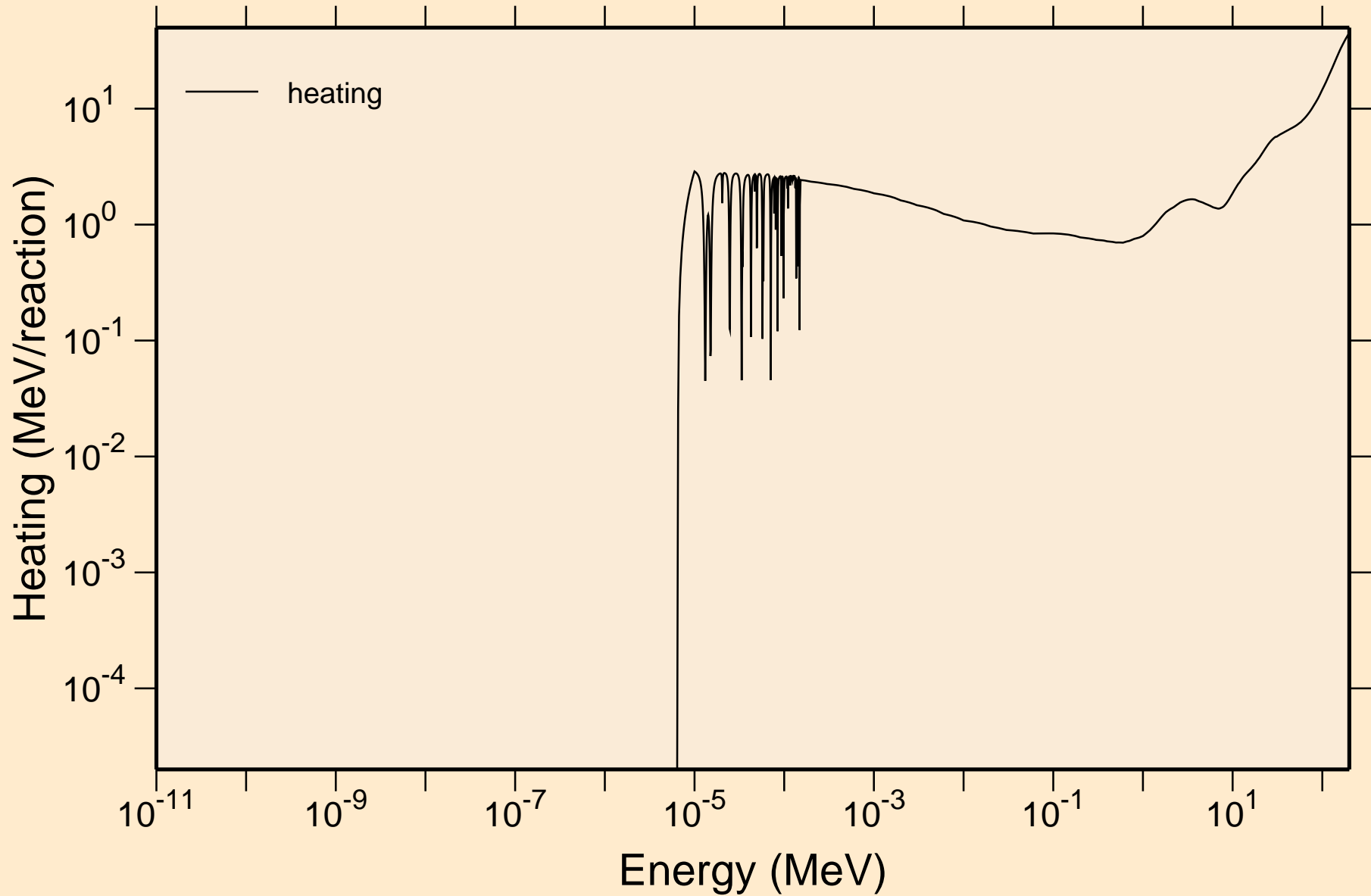




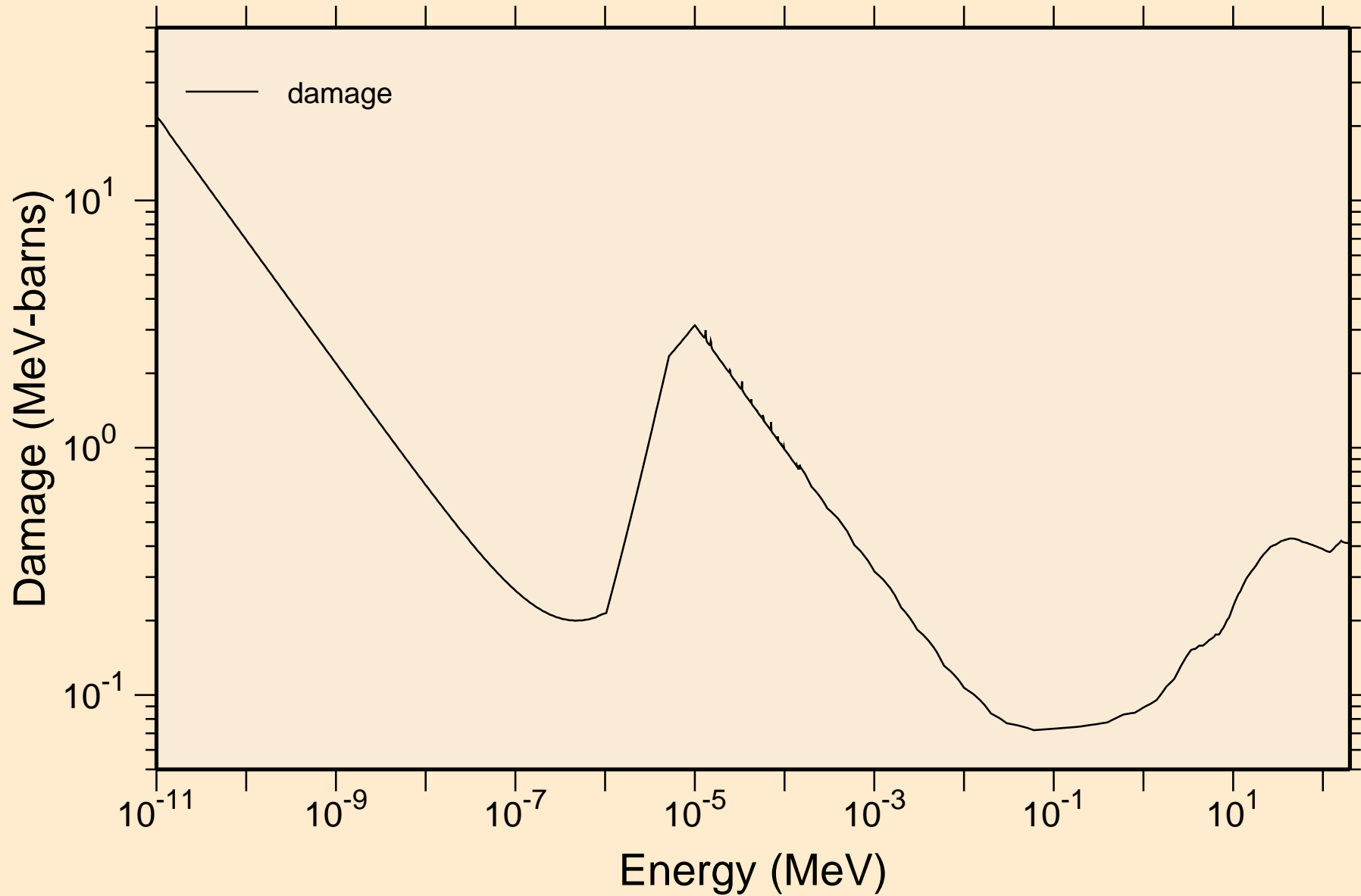
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resonance absorption cross sections



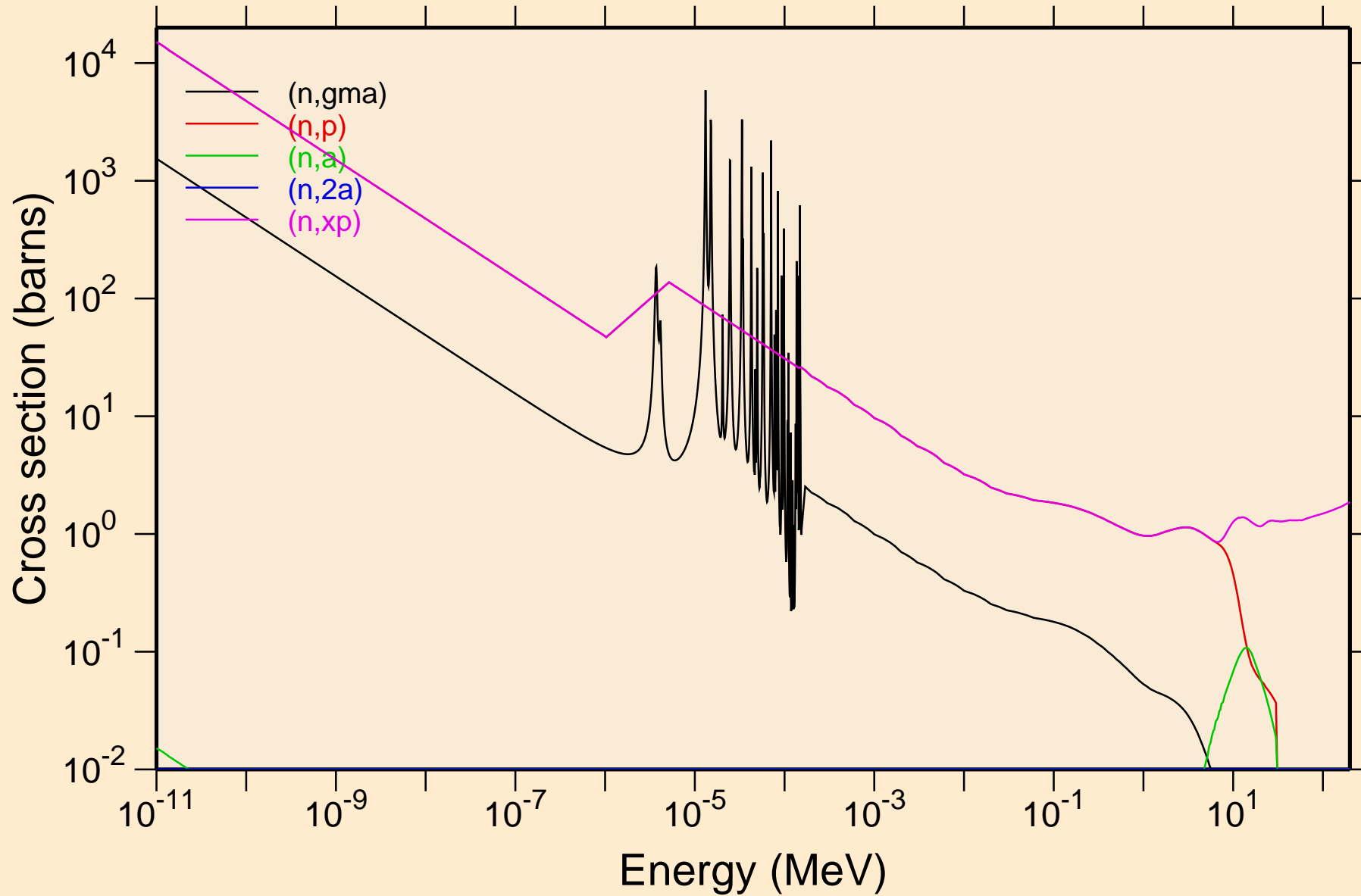
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



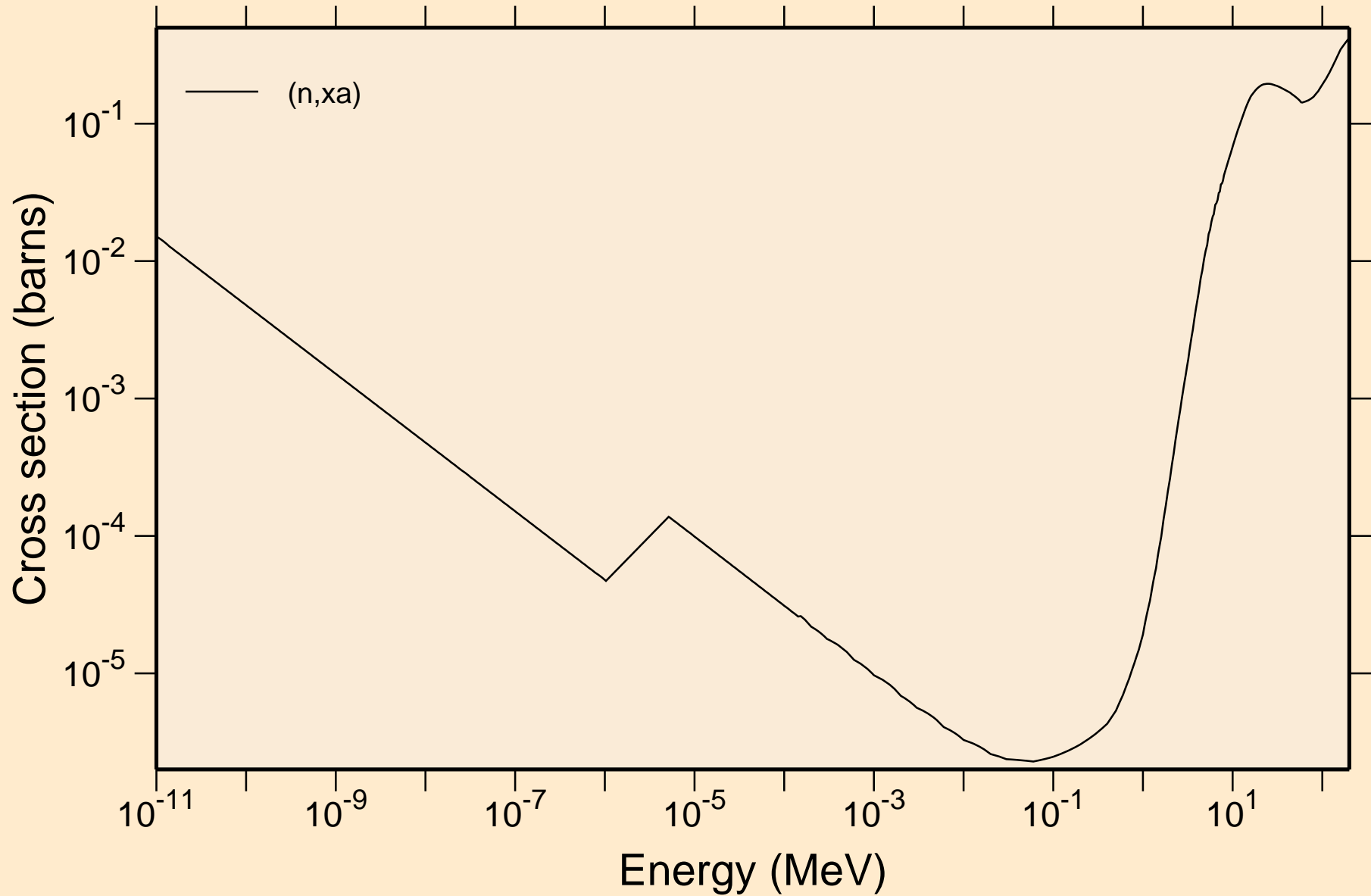
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

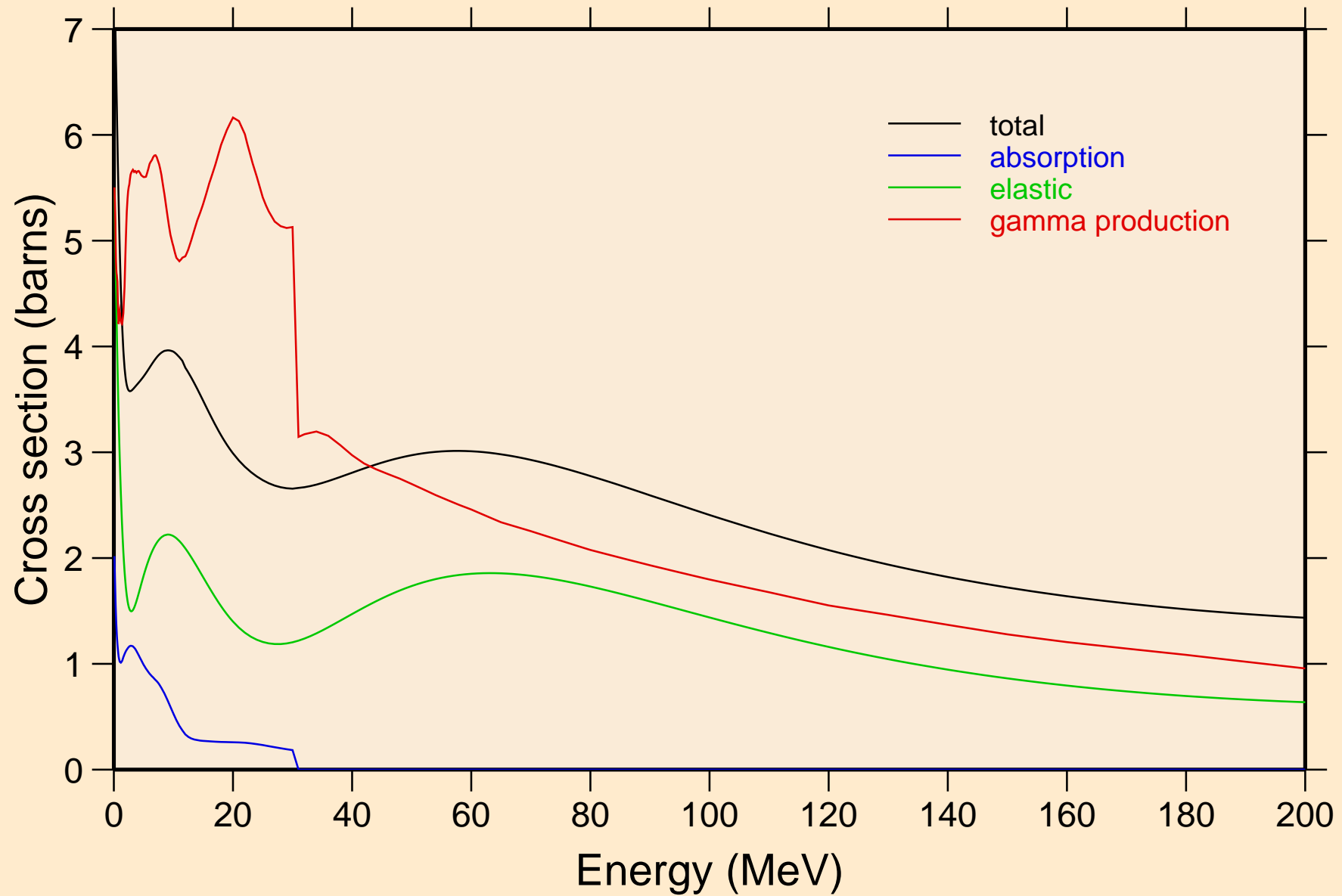


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



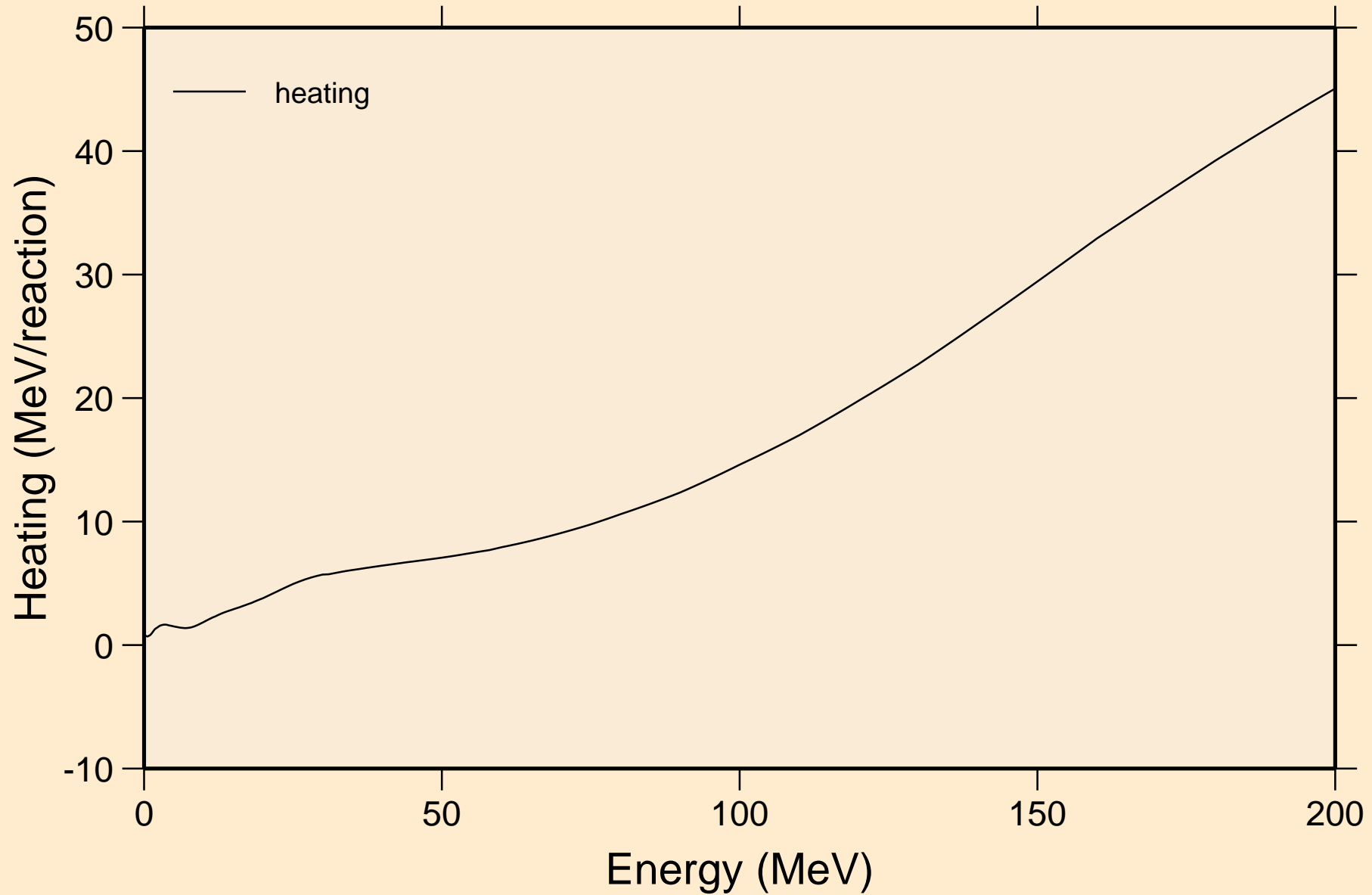
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## Principal cross sections



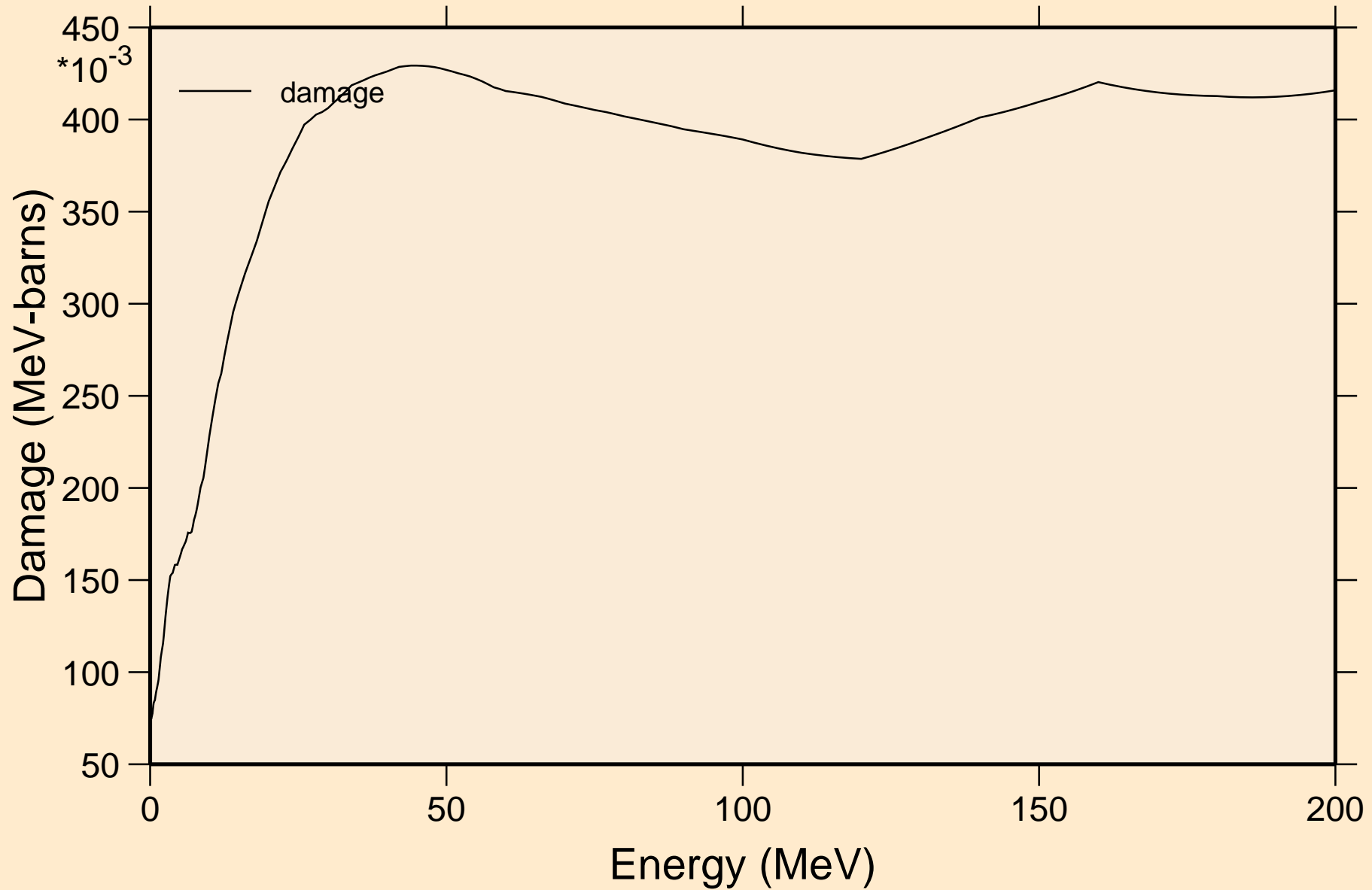
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## Heating



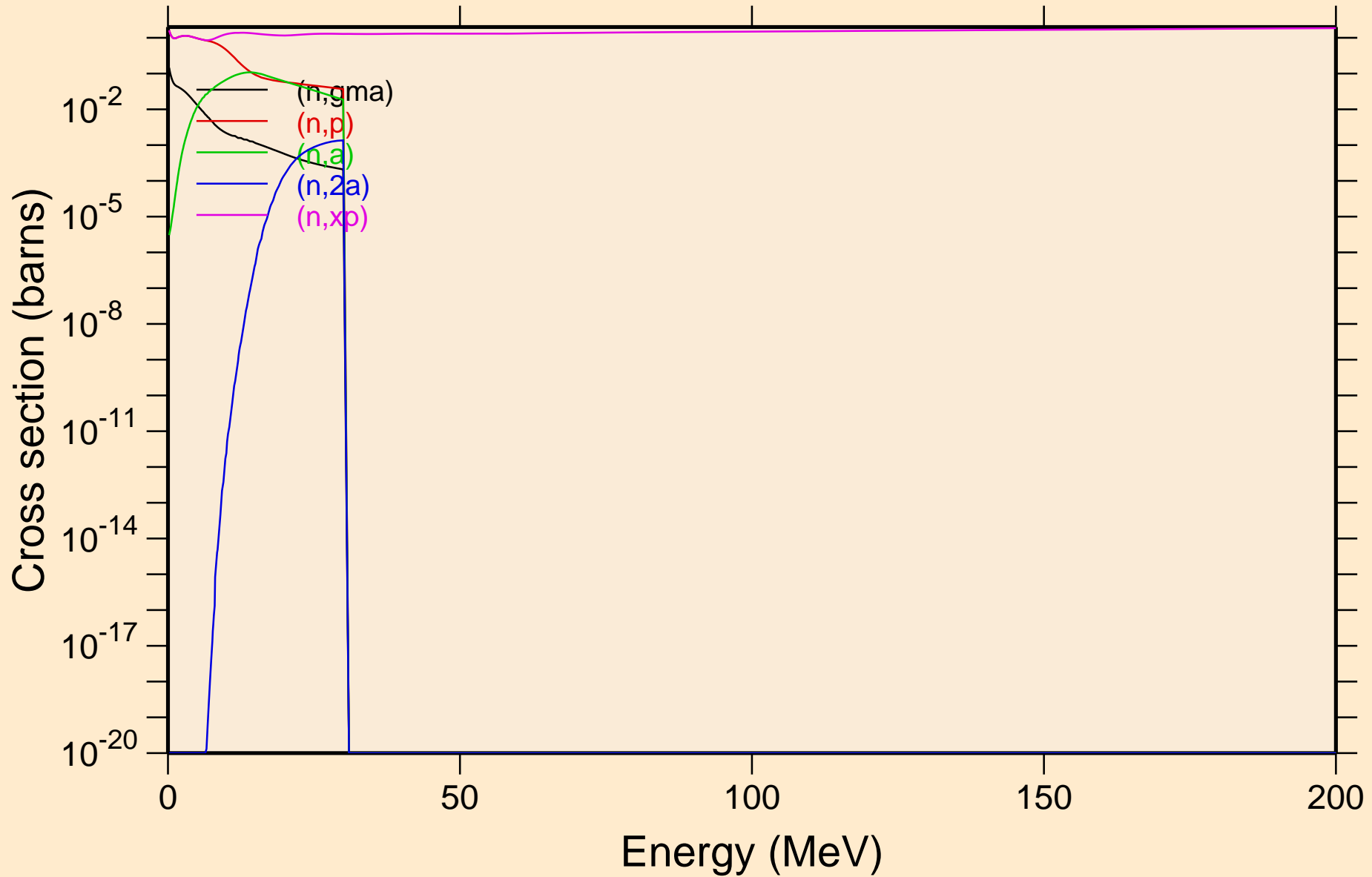
# RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

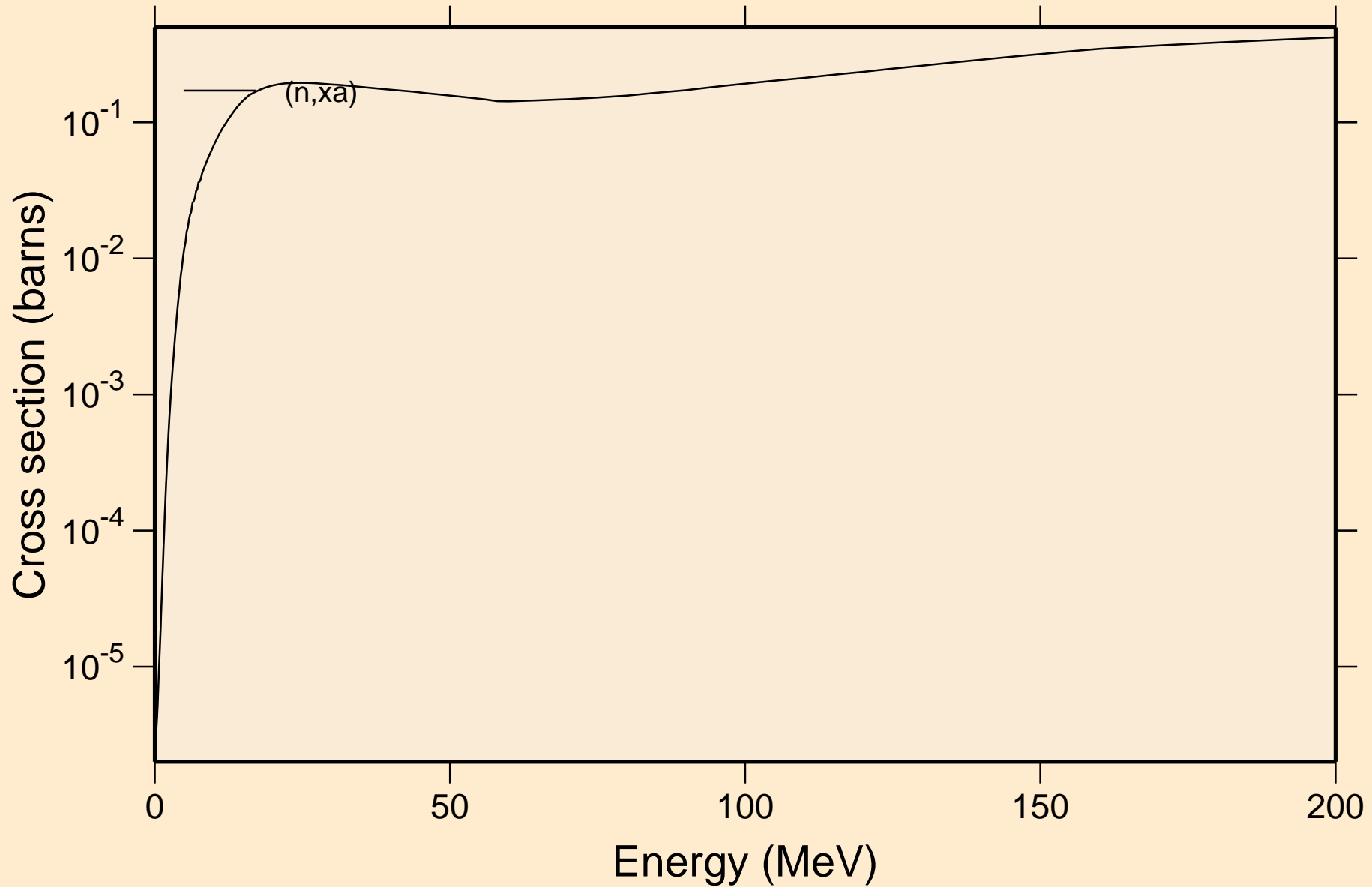




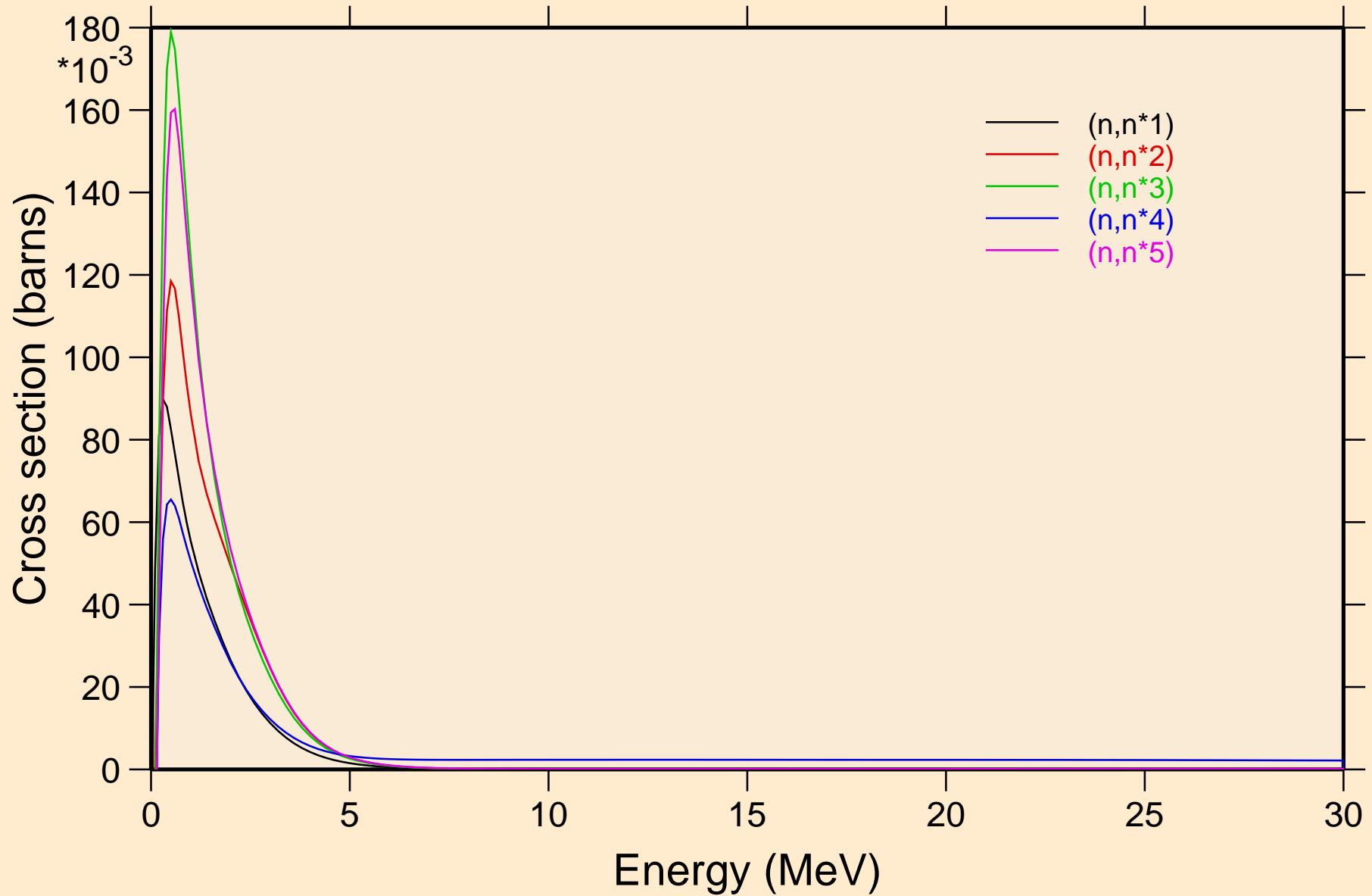
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



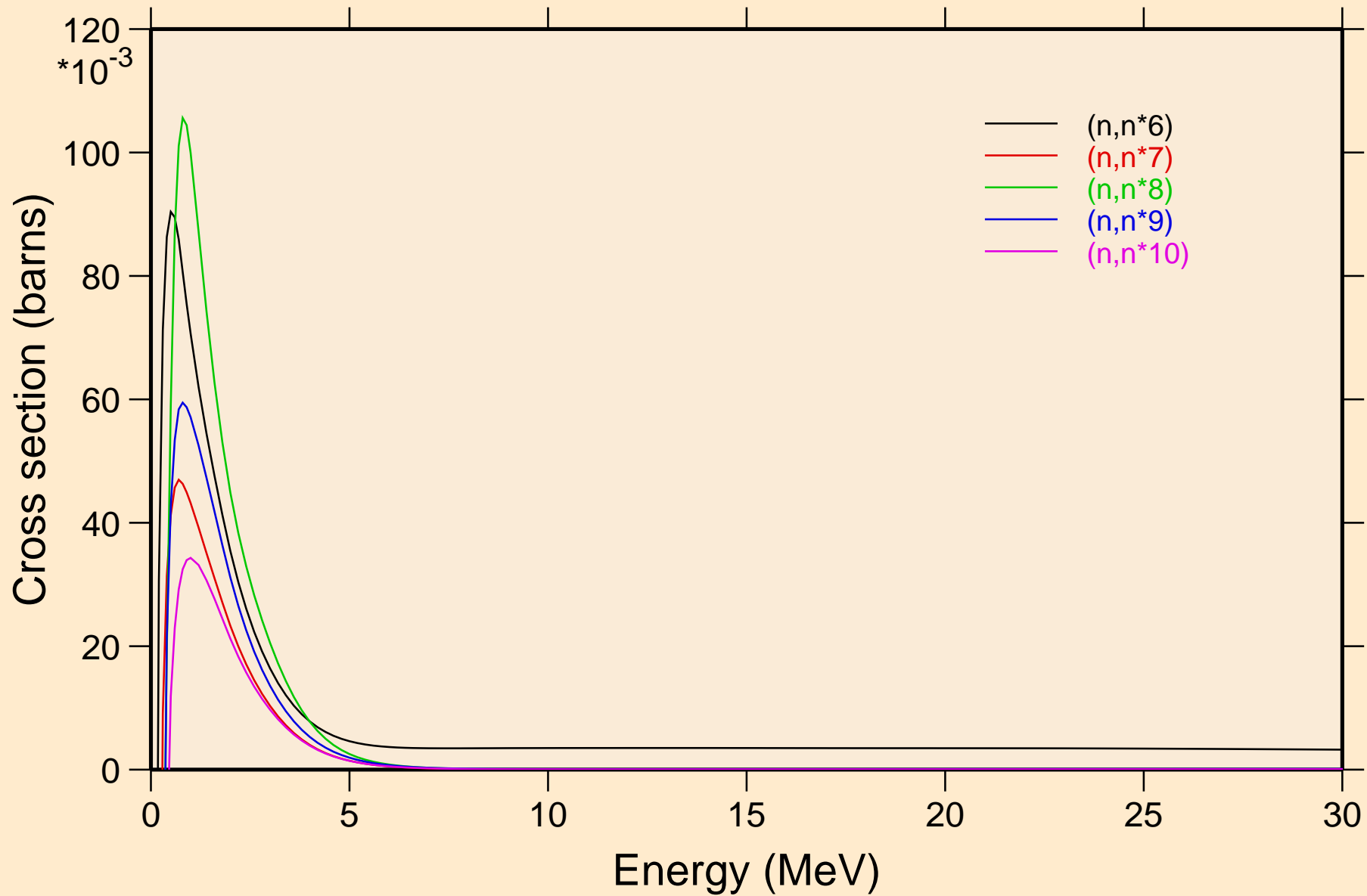
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



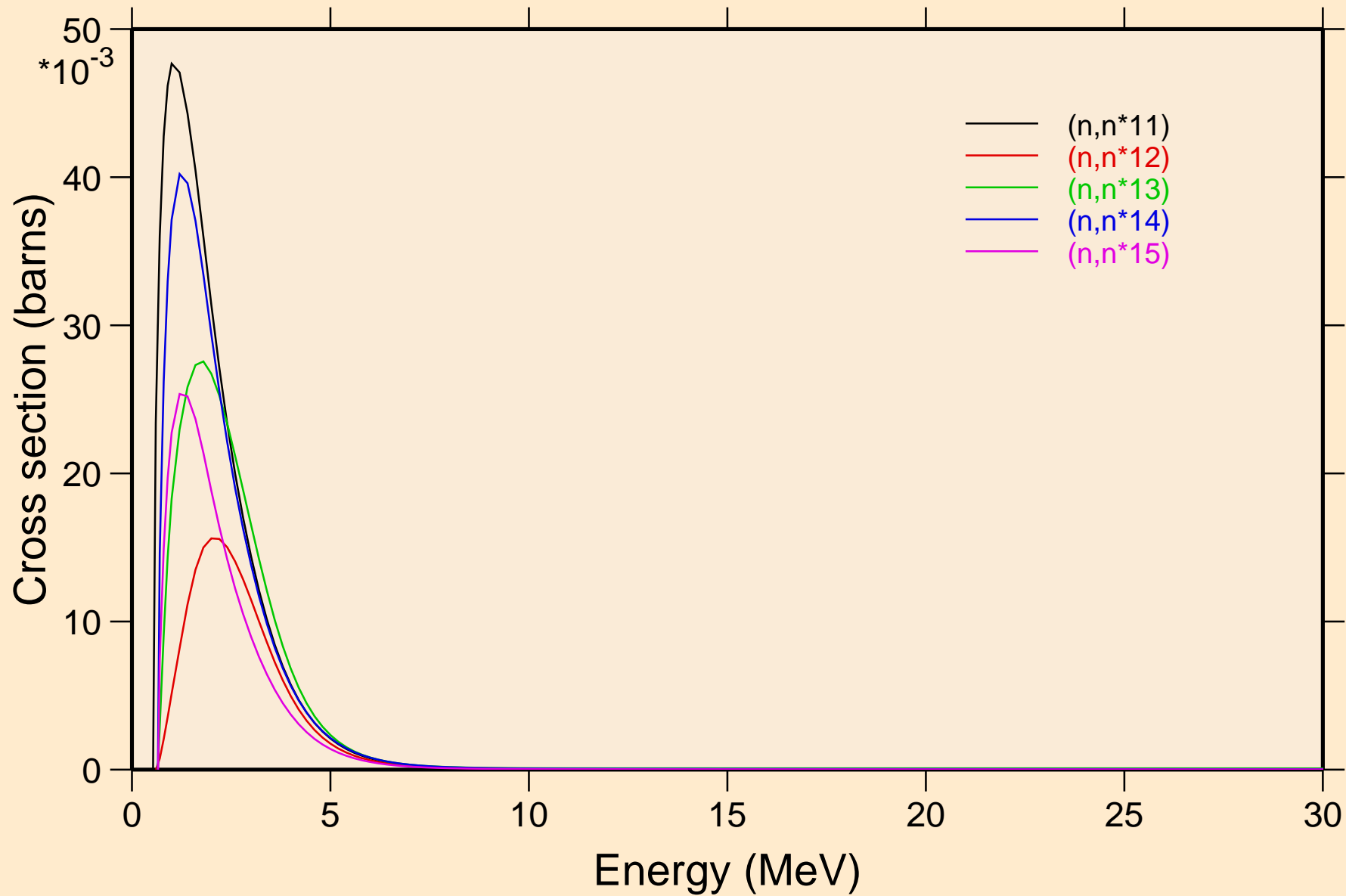
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



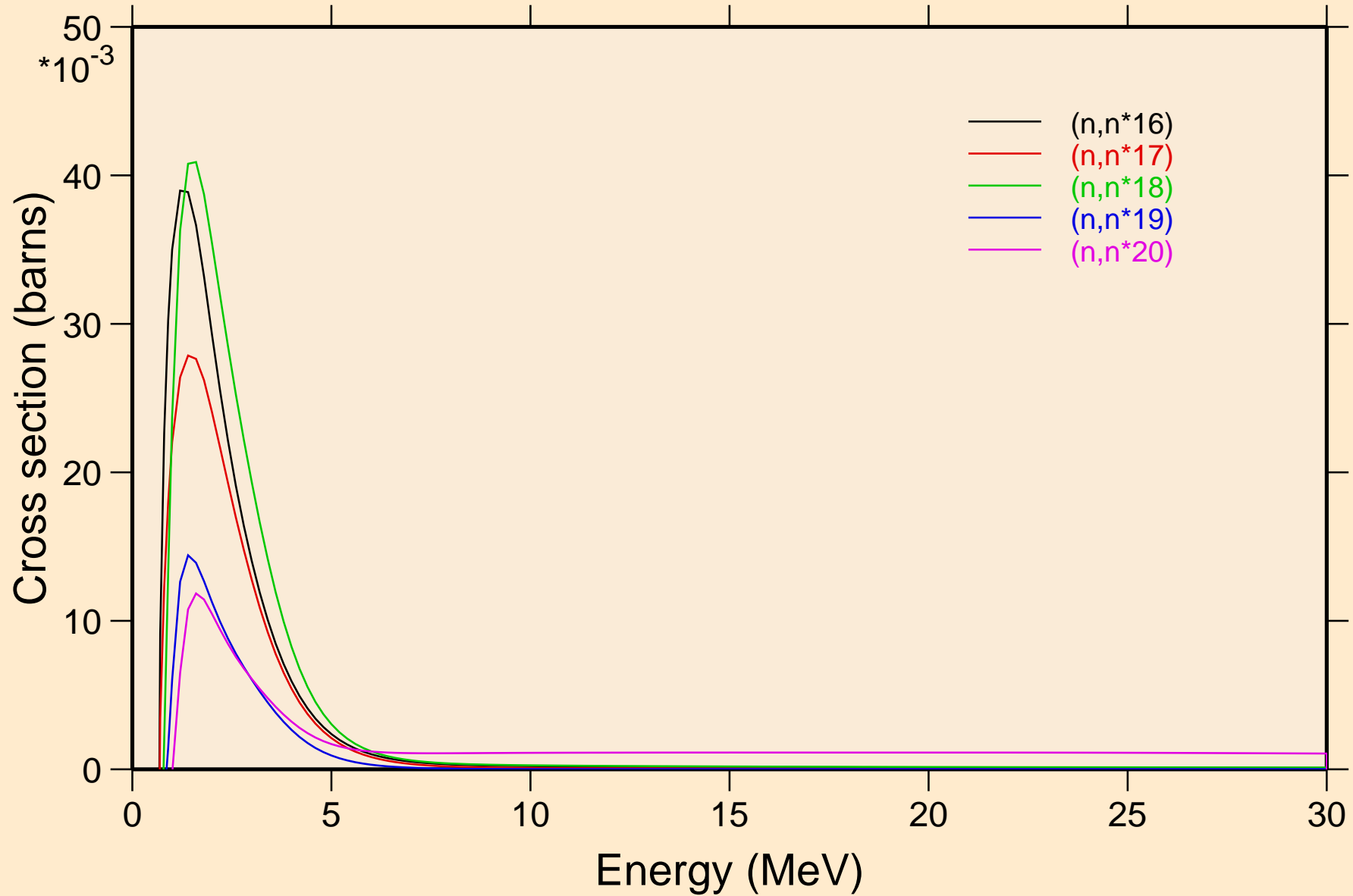
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



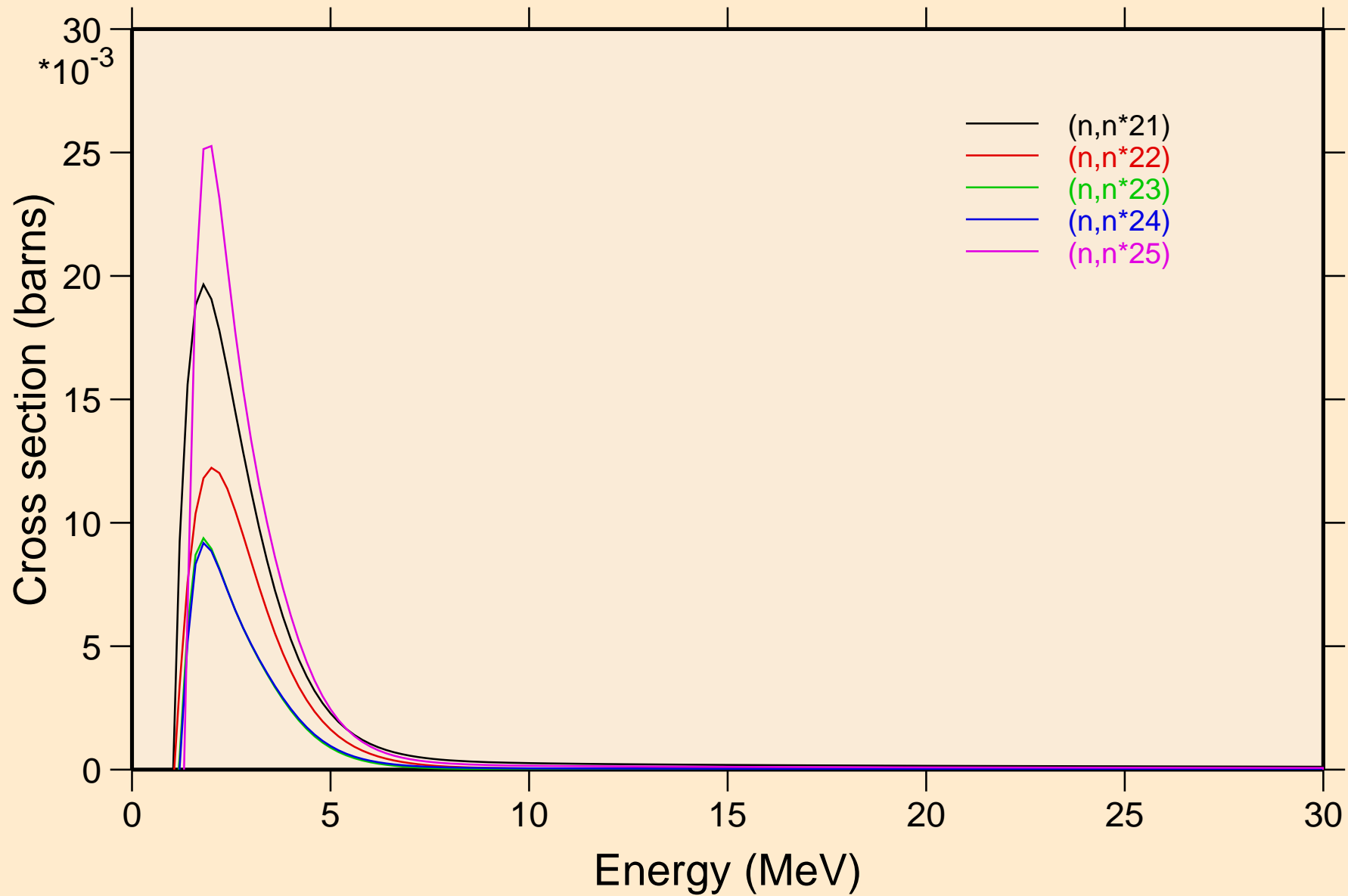
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



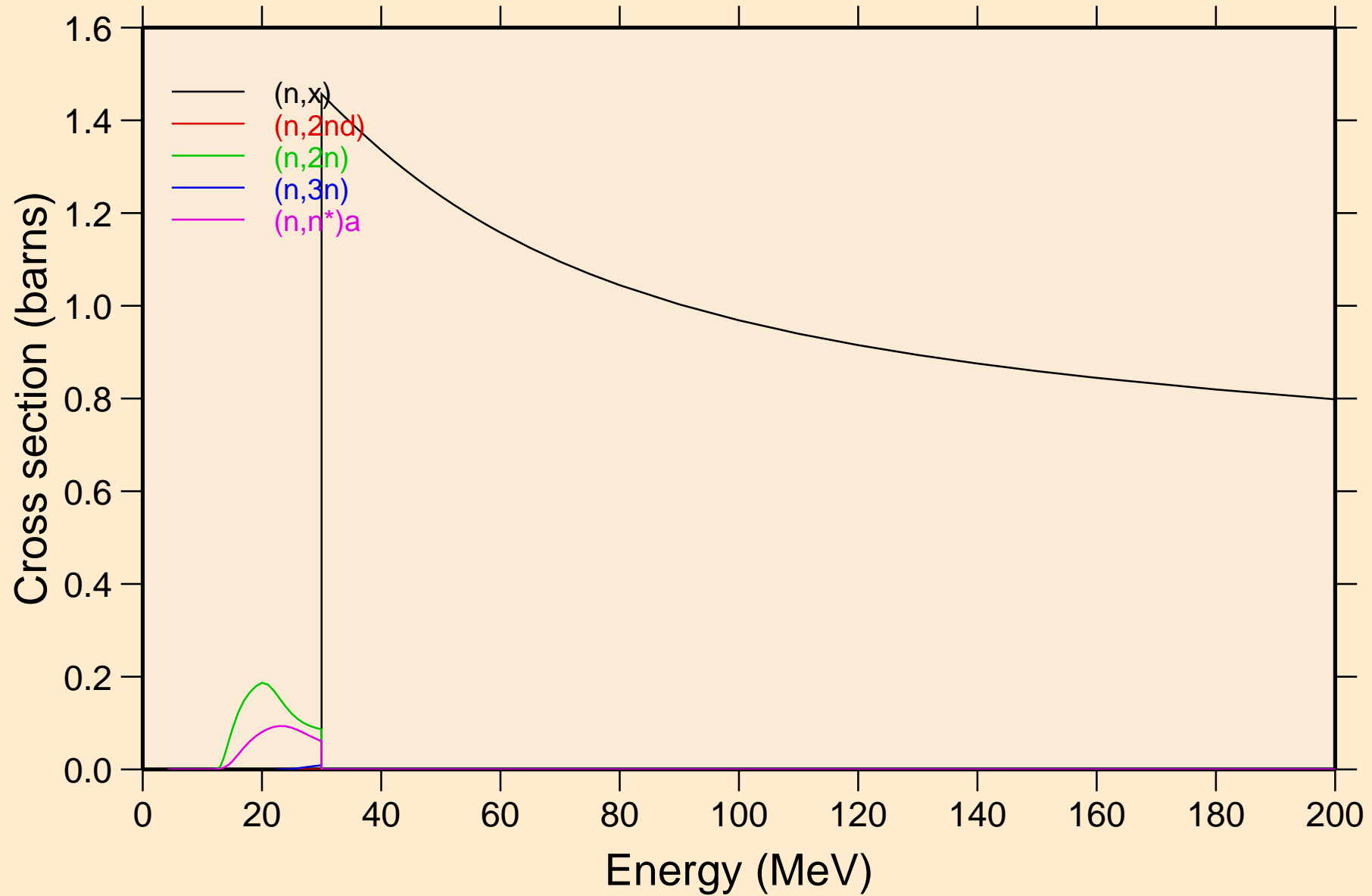
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

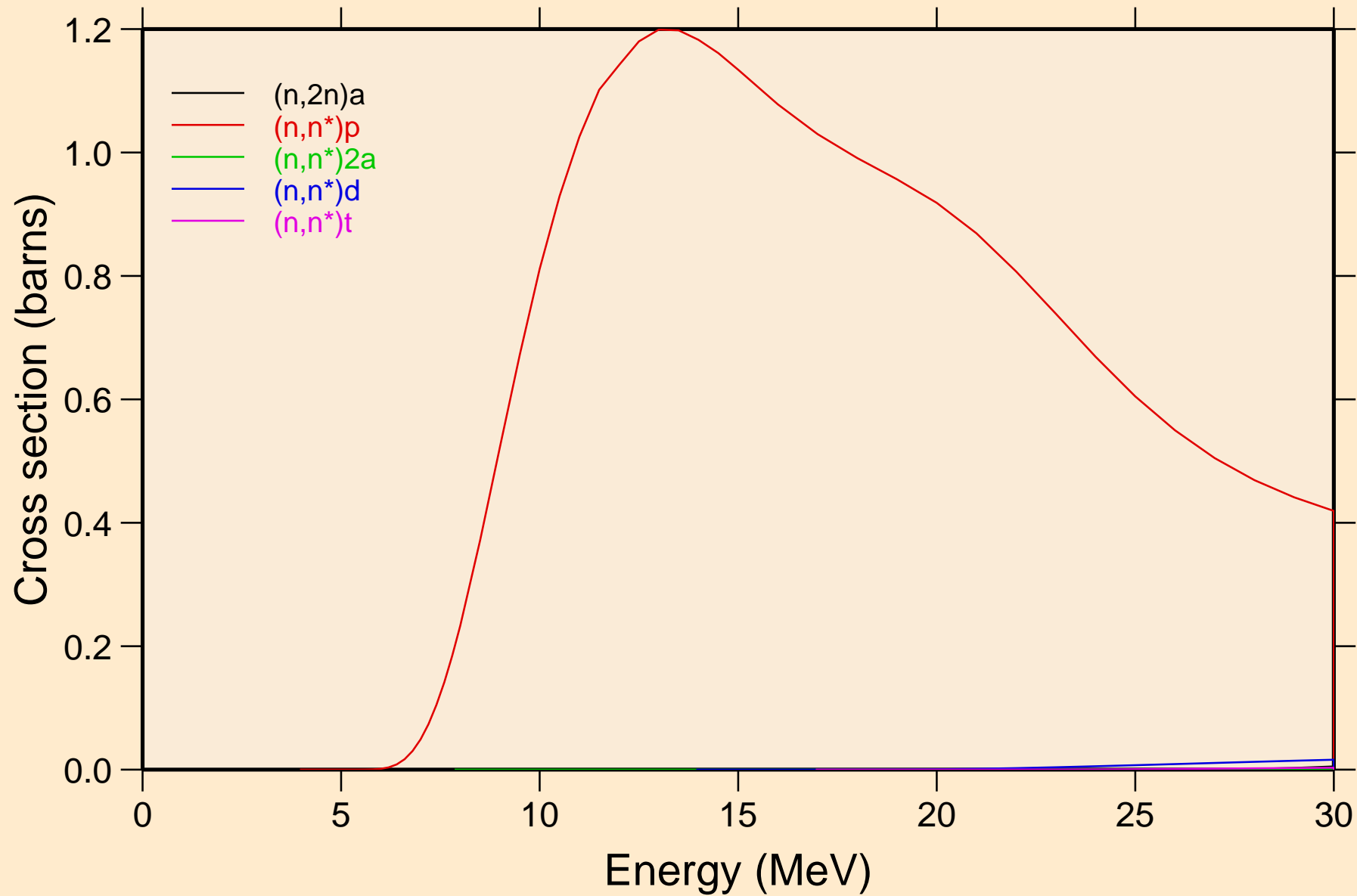


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

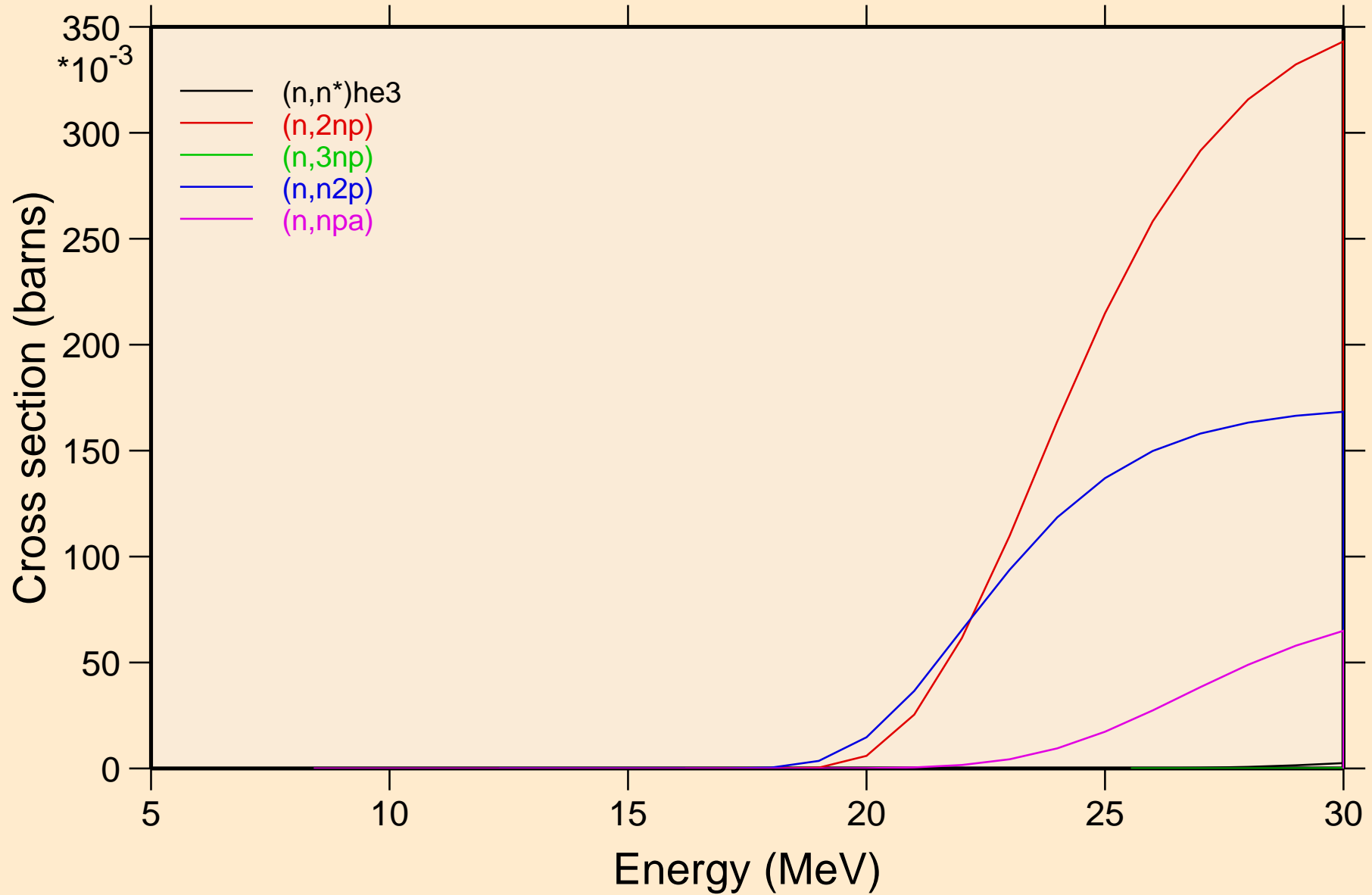




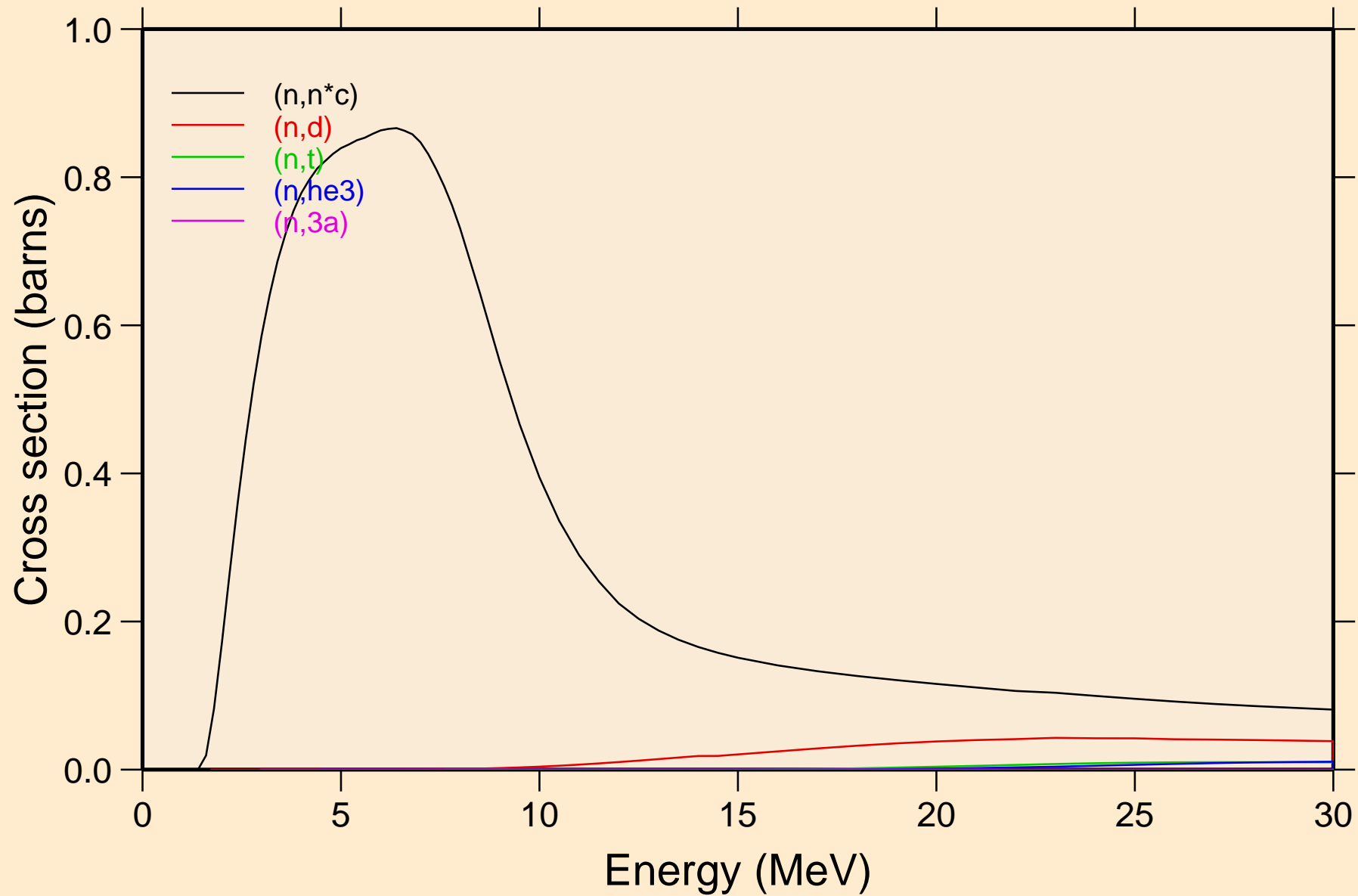
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

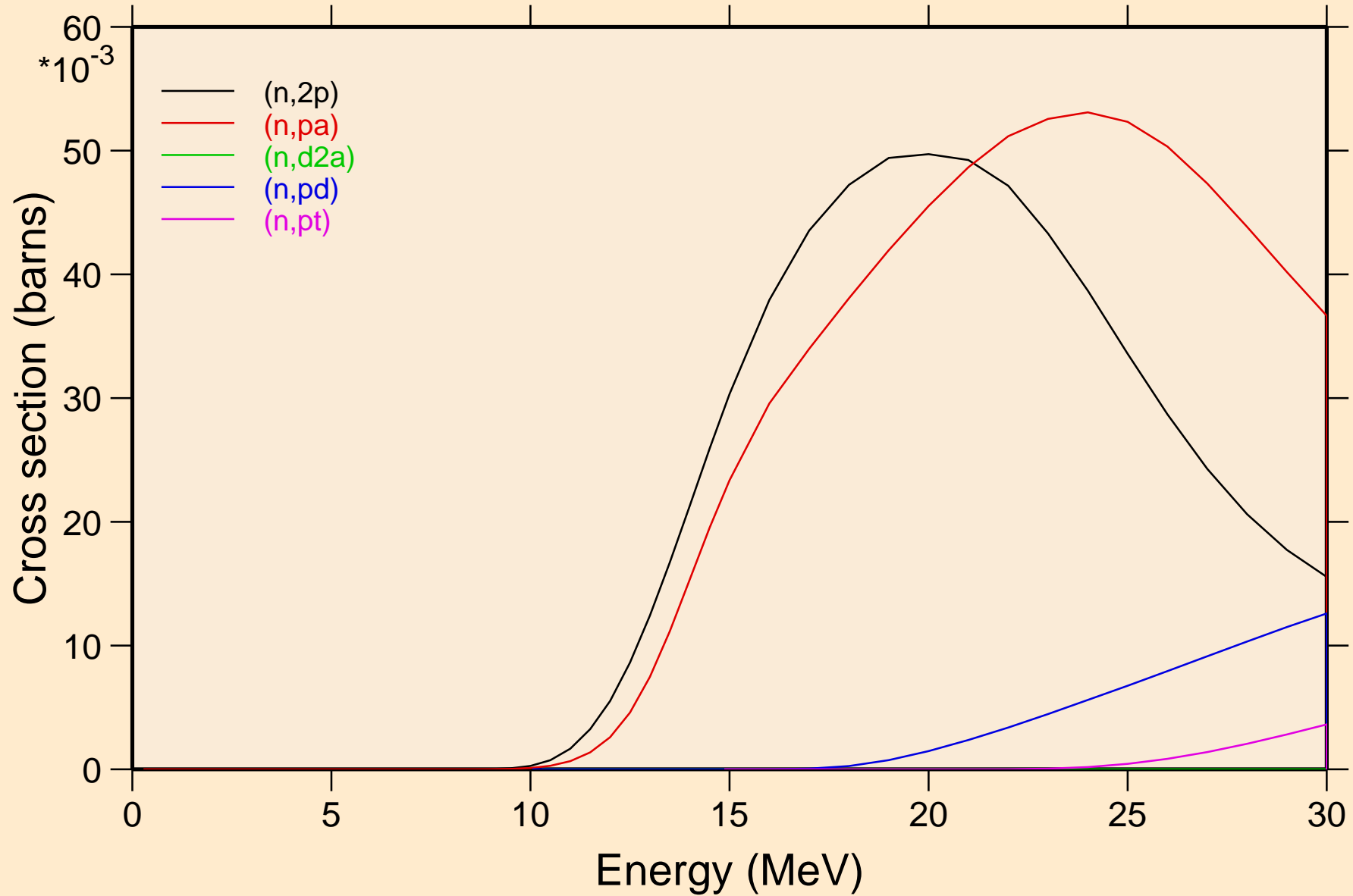


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

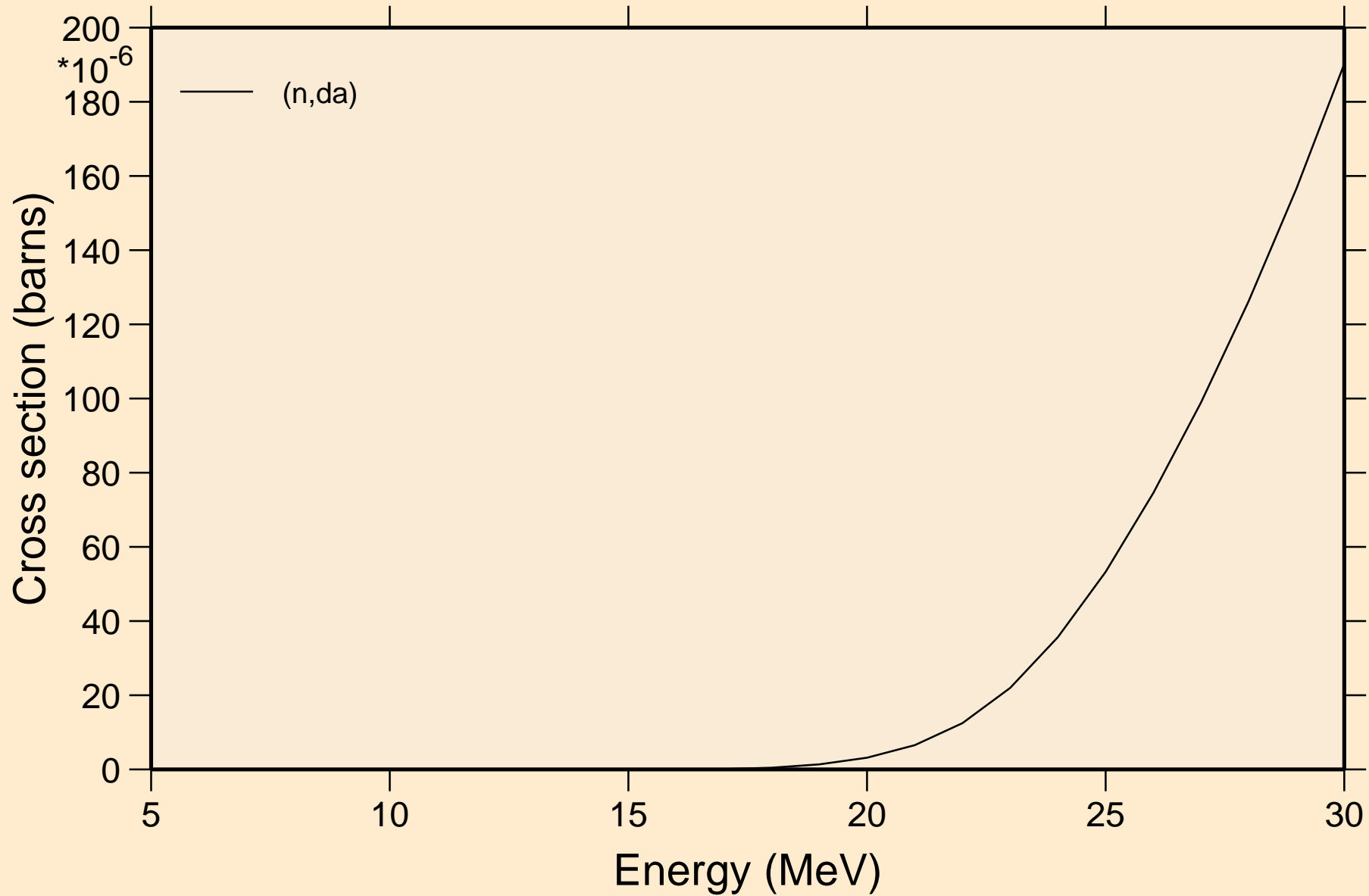


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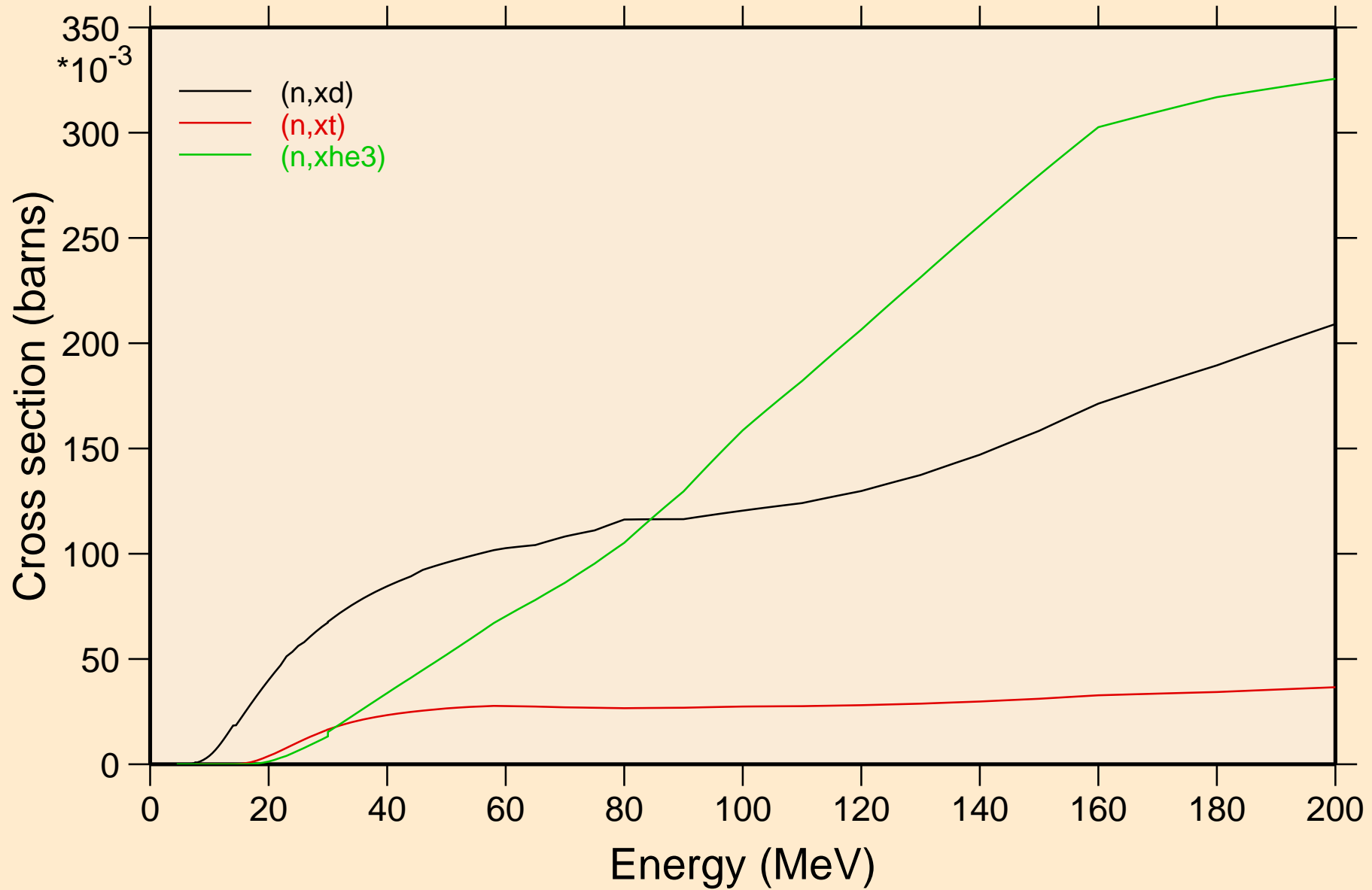
## Threshold reactions



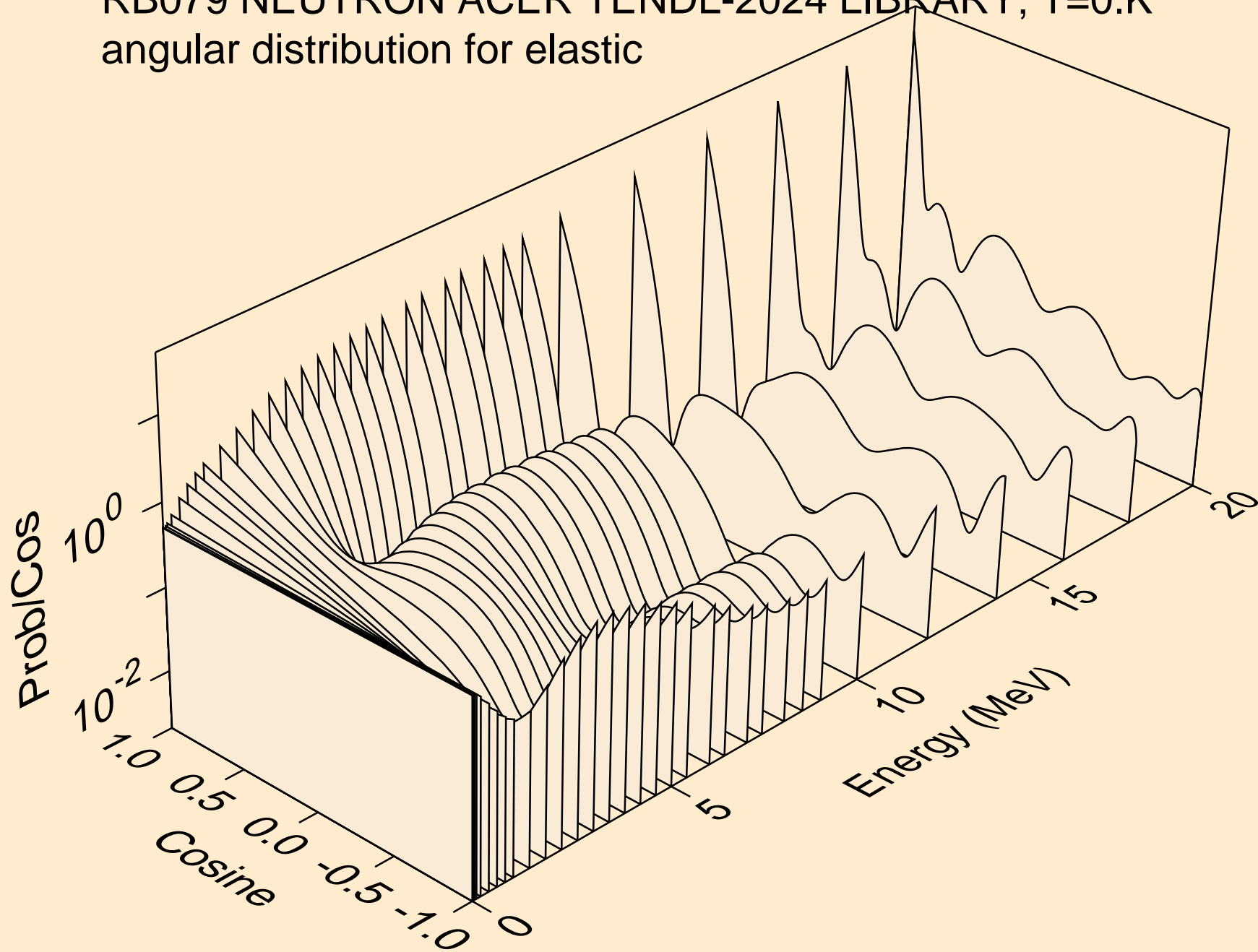
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



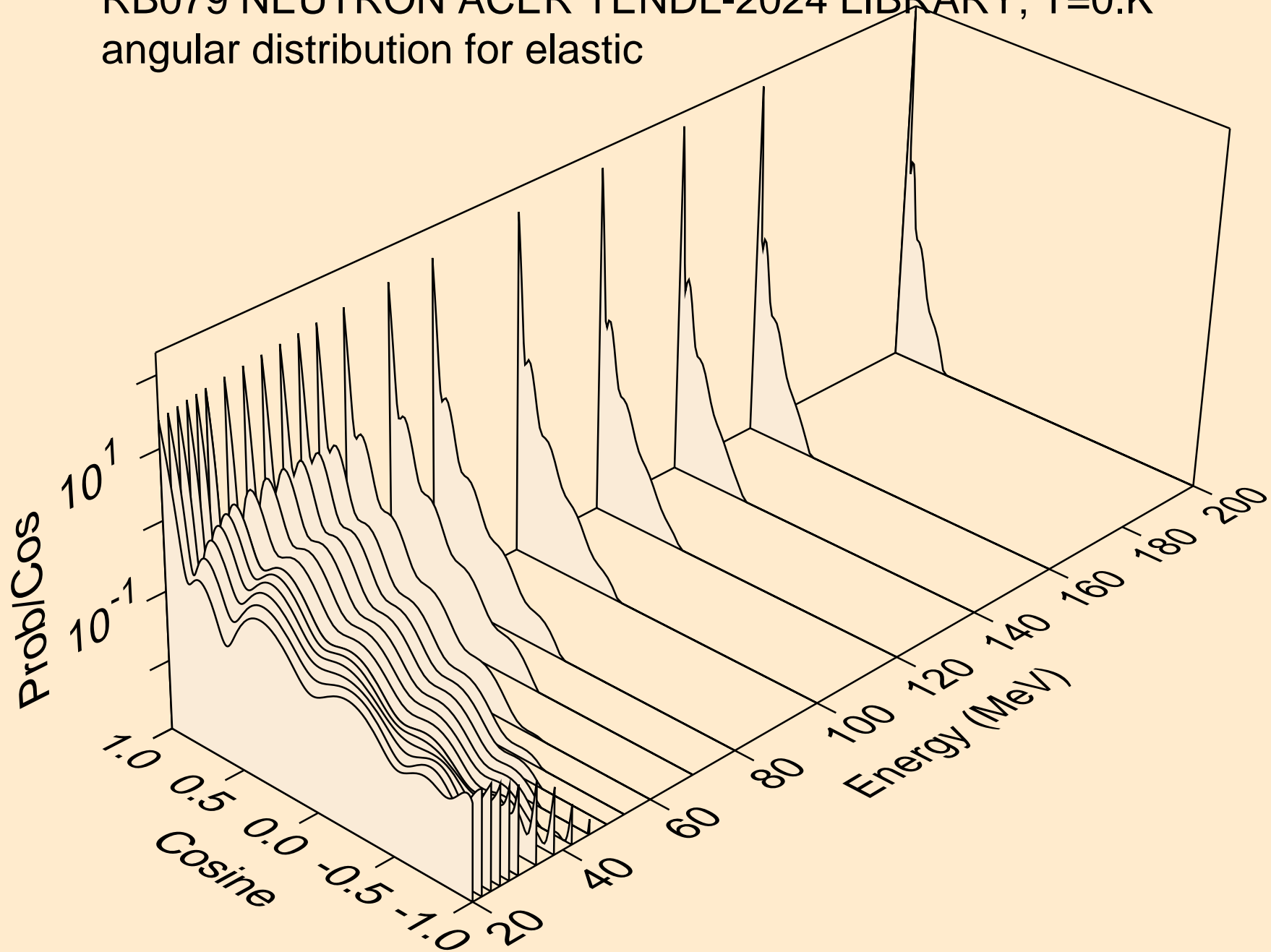
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

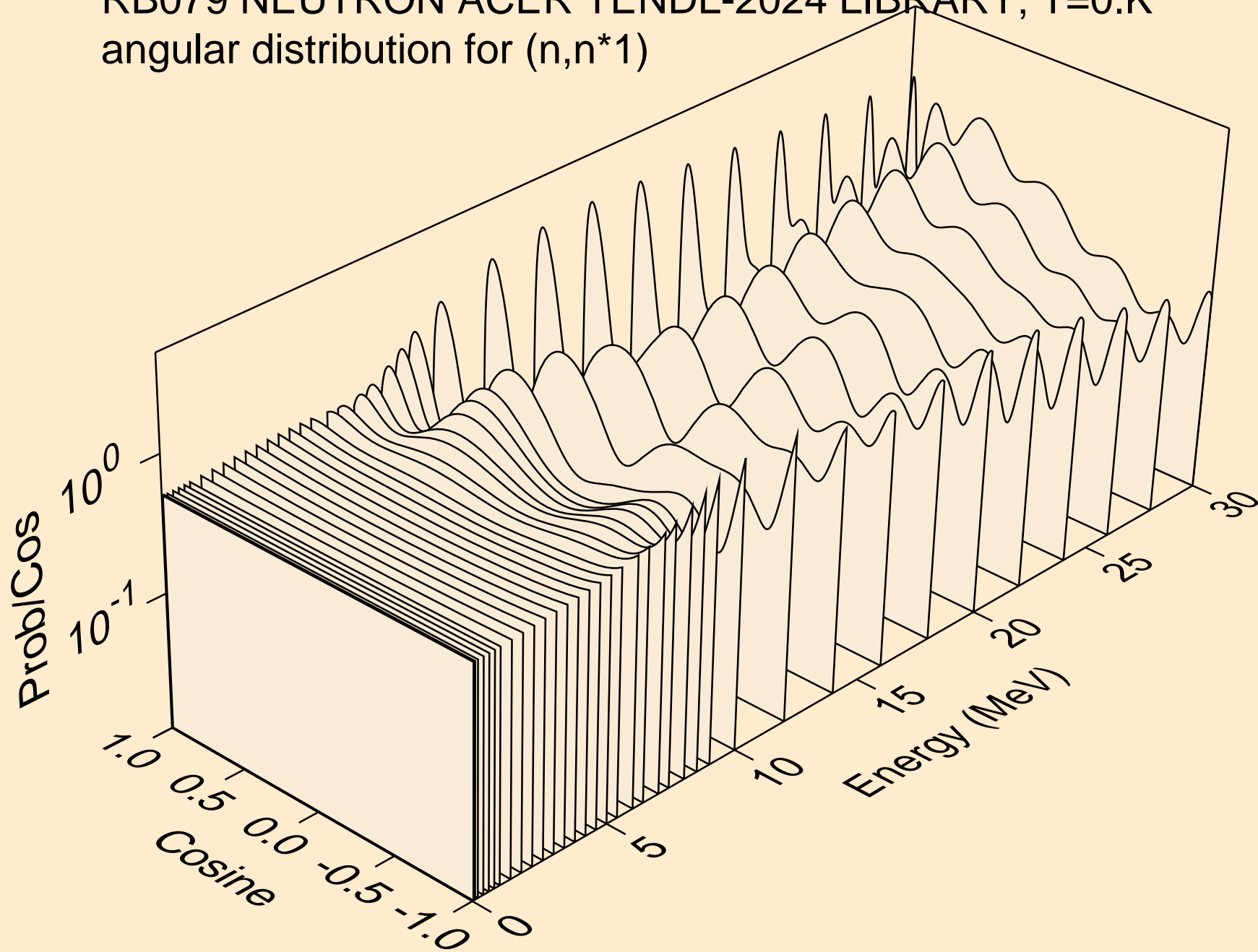


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

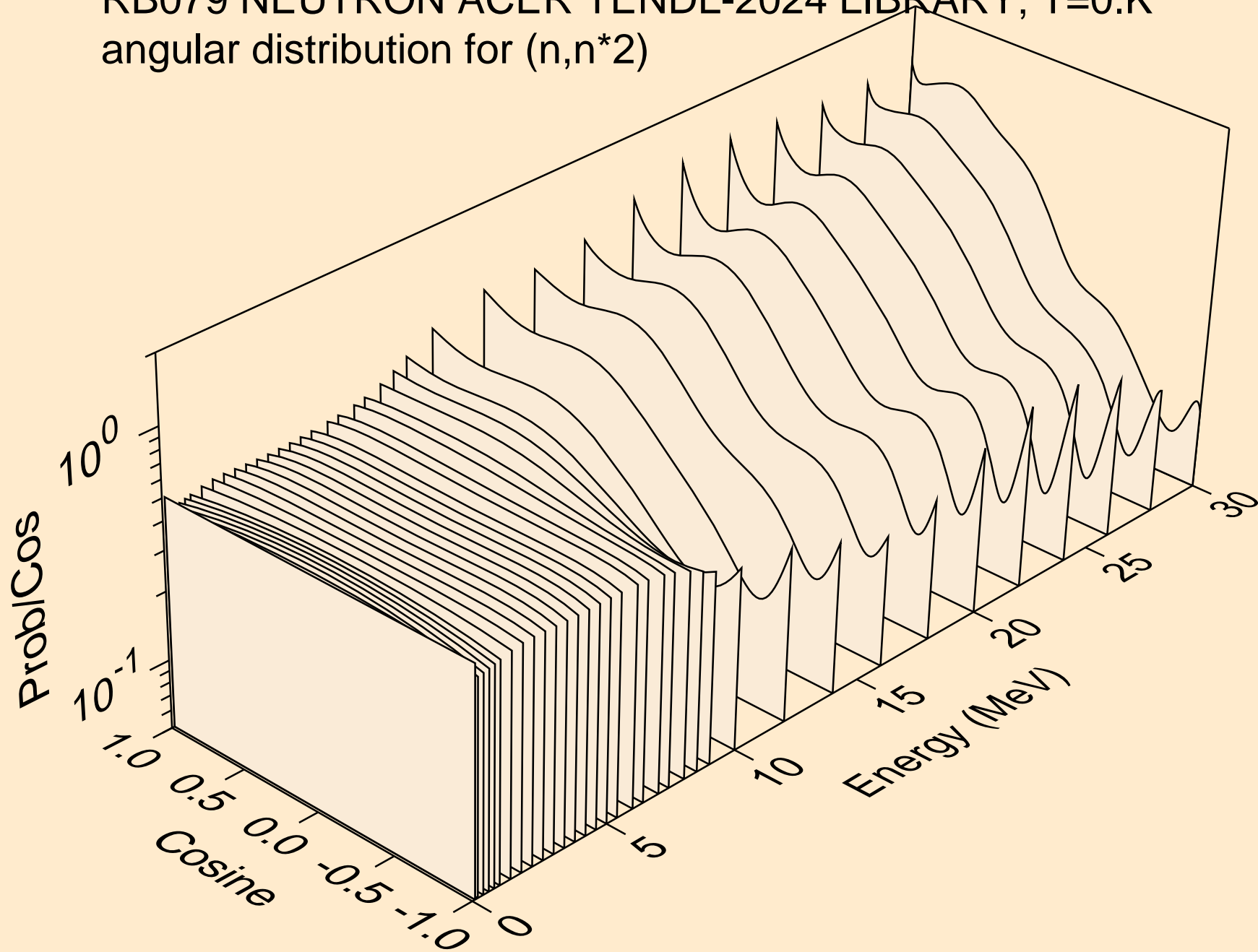




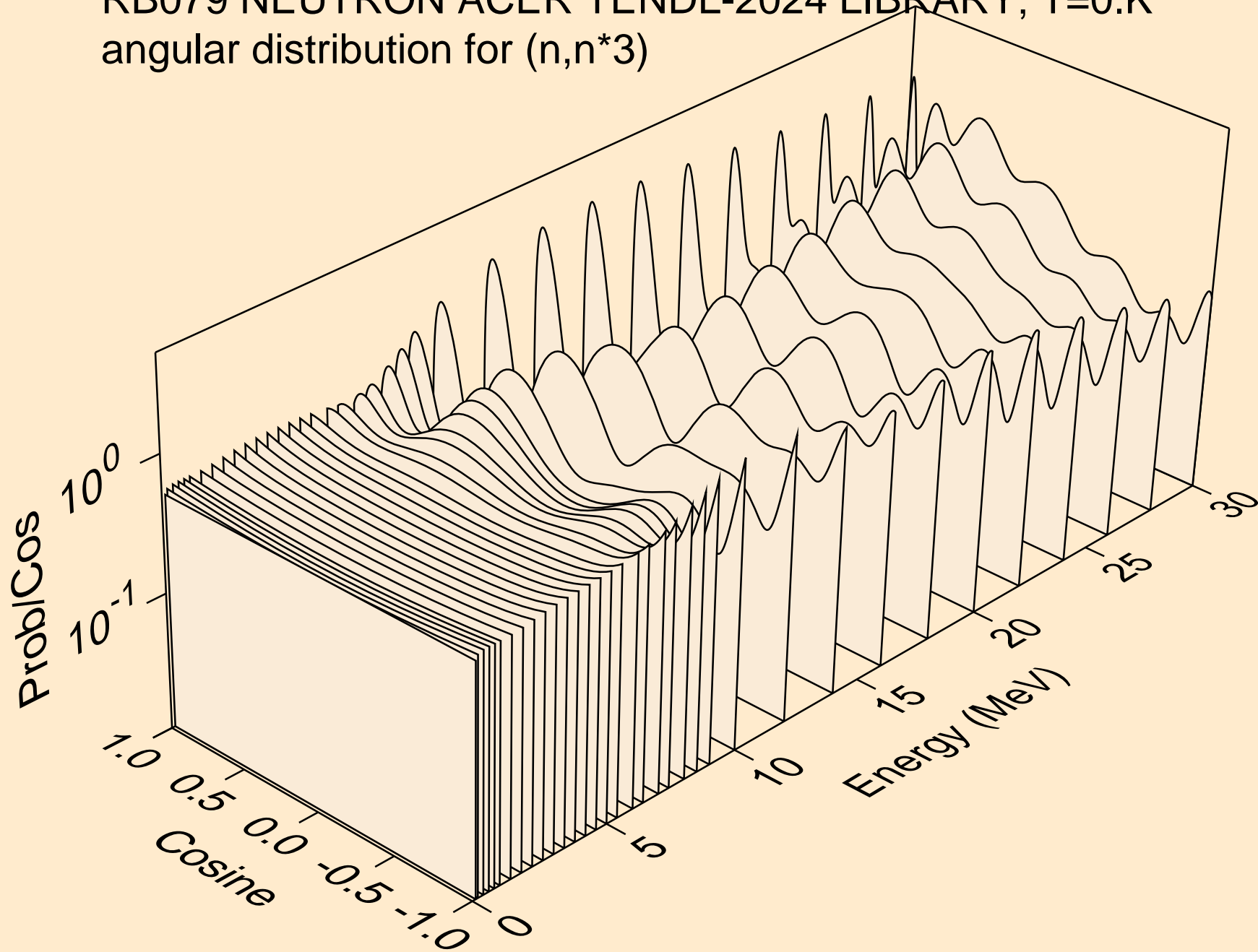
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angular distribution for (n,n\*1)



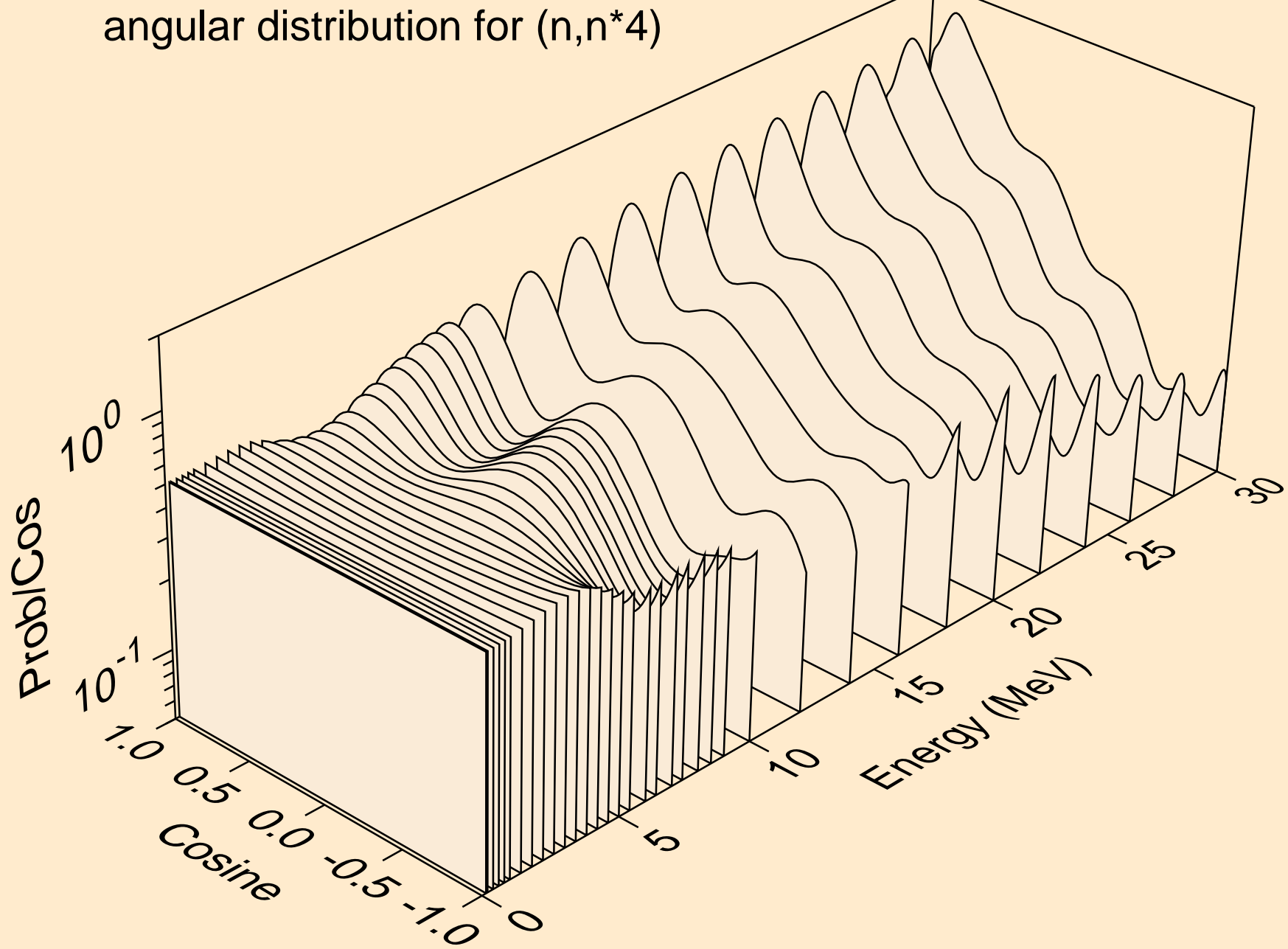
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angular distribution for (n,n\*2)



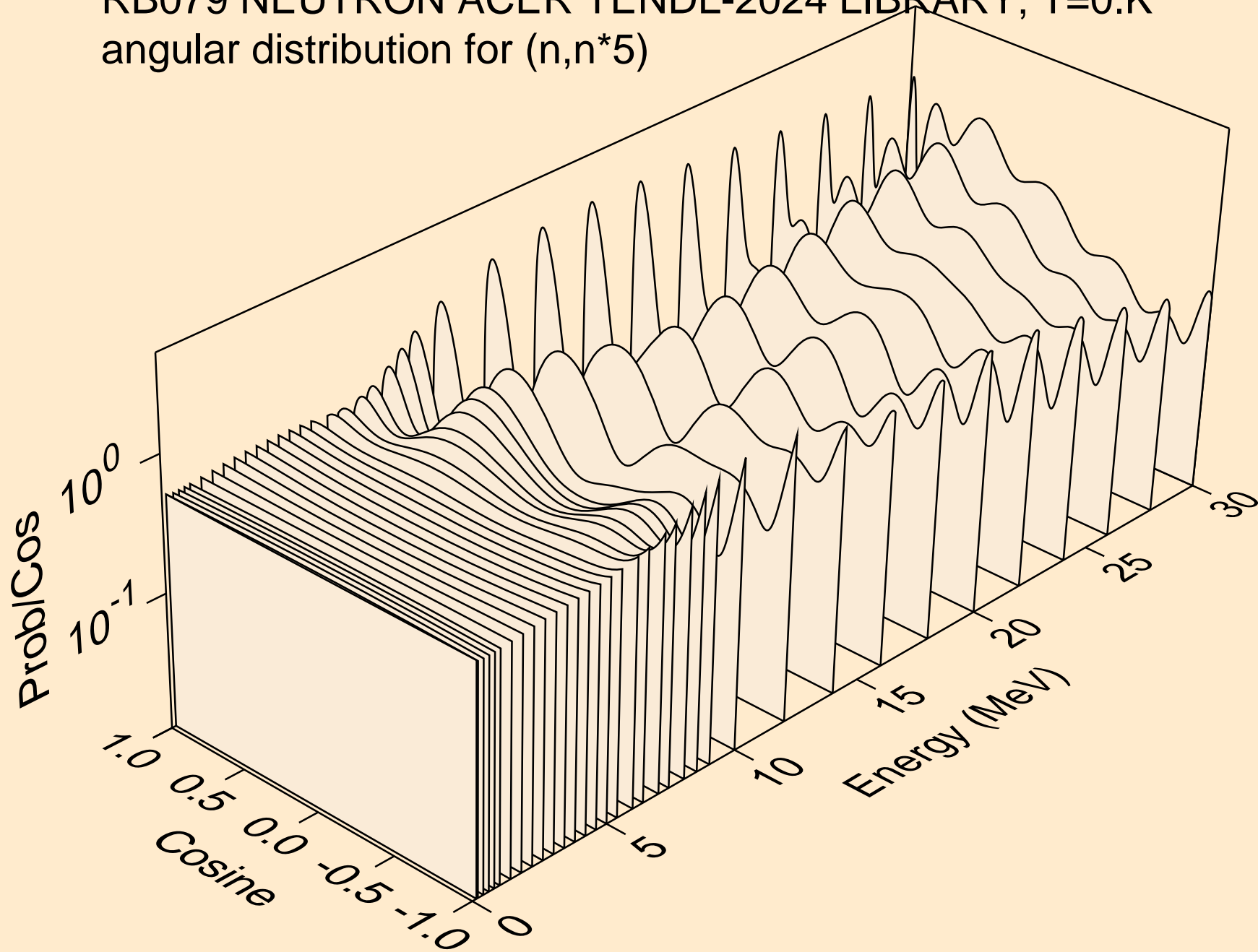
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angular distribution for (n,n\*3)



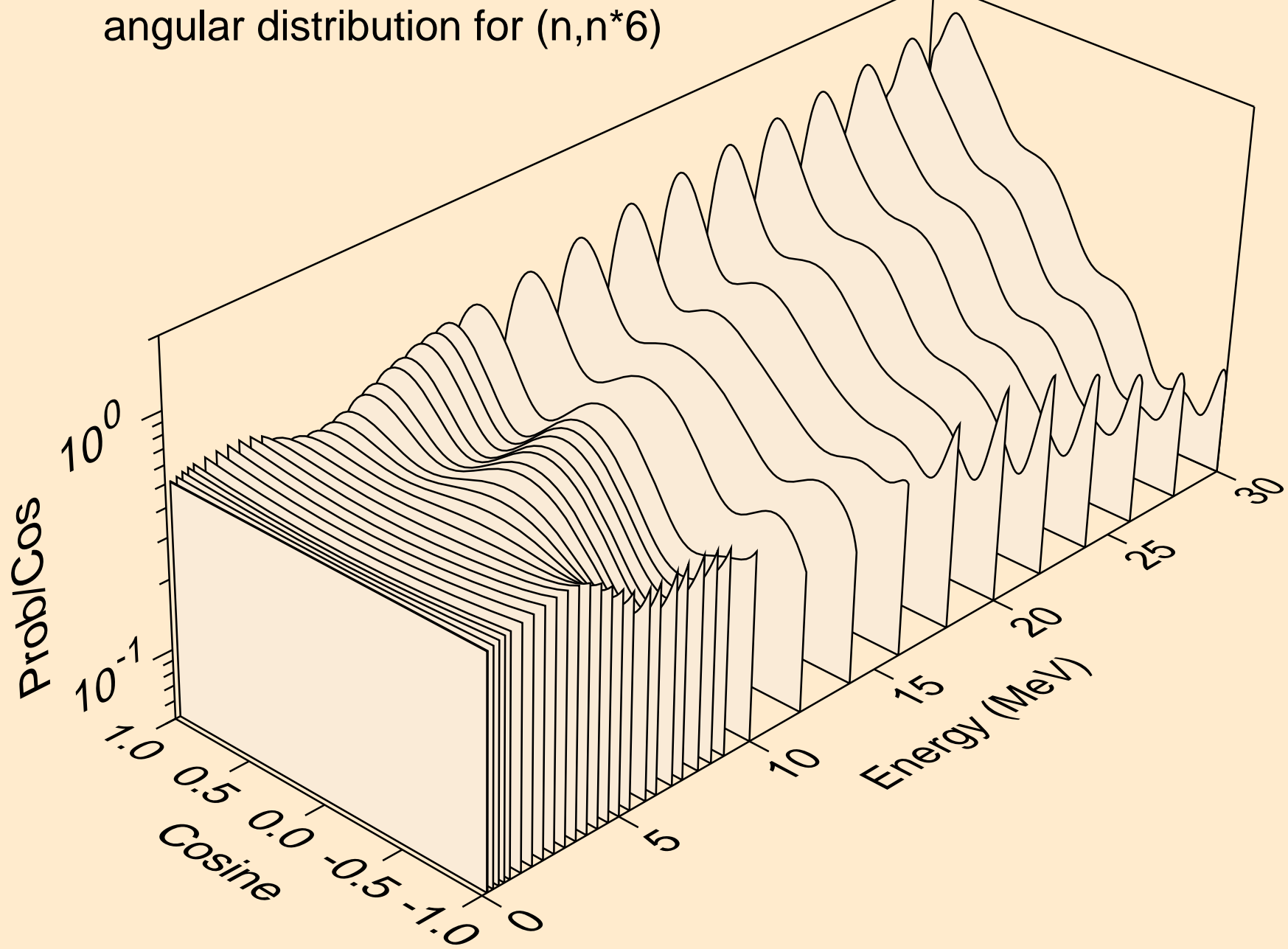
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angular distribution for (n,n\*4)



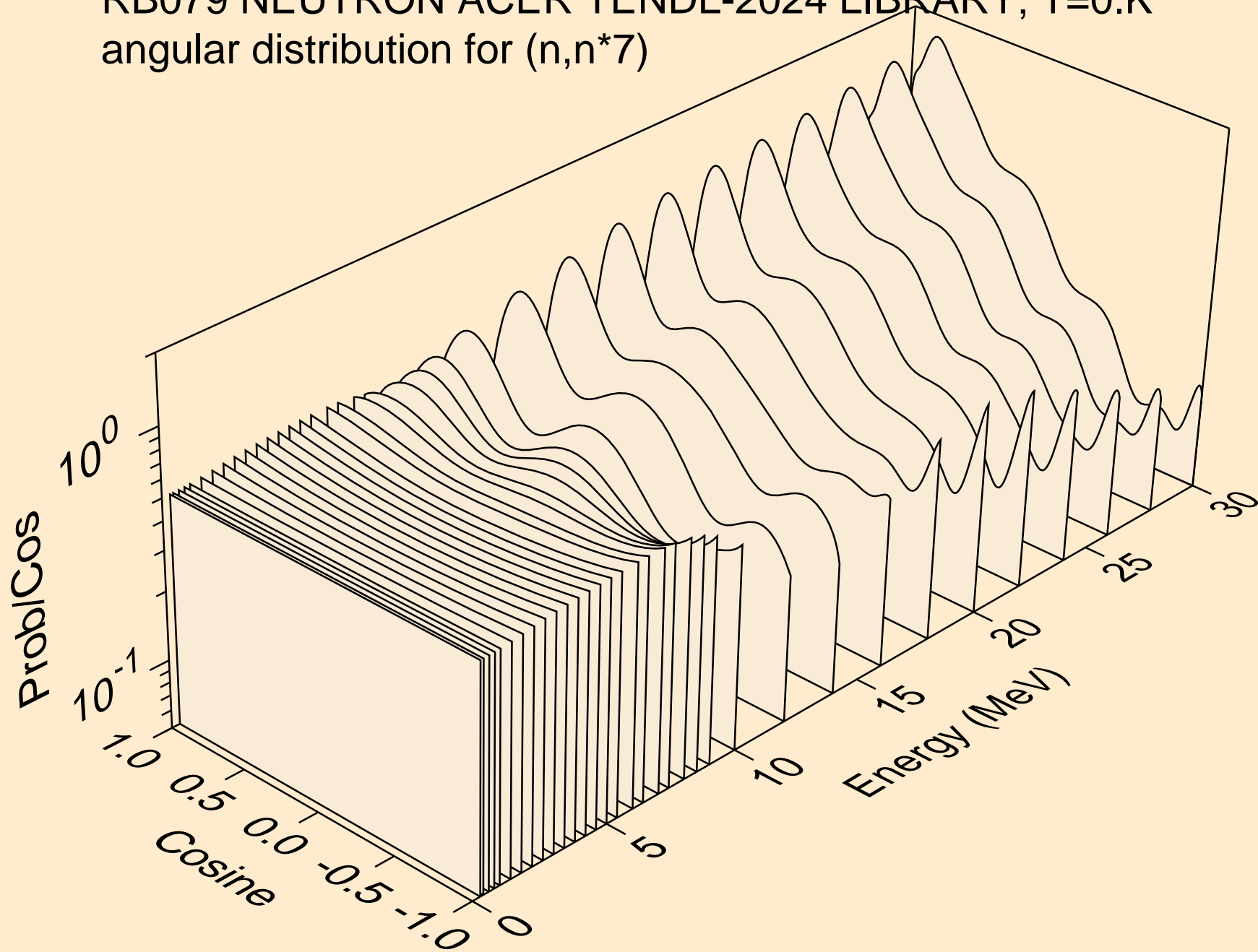
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

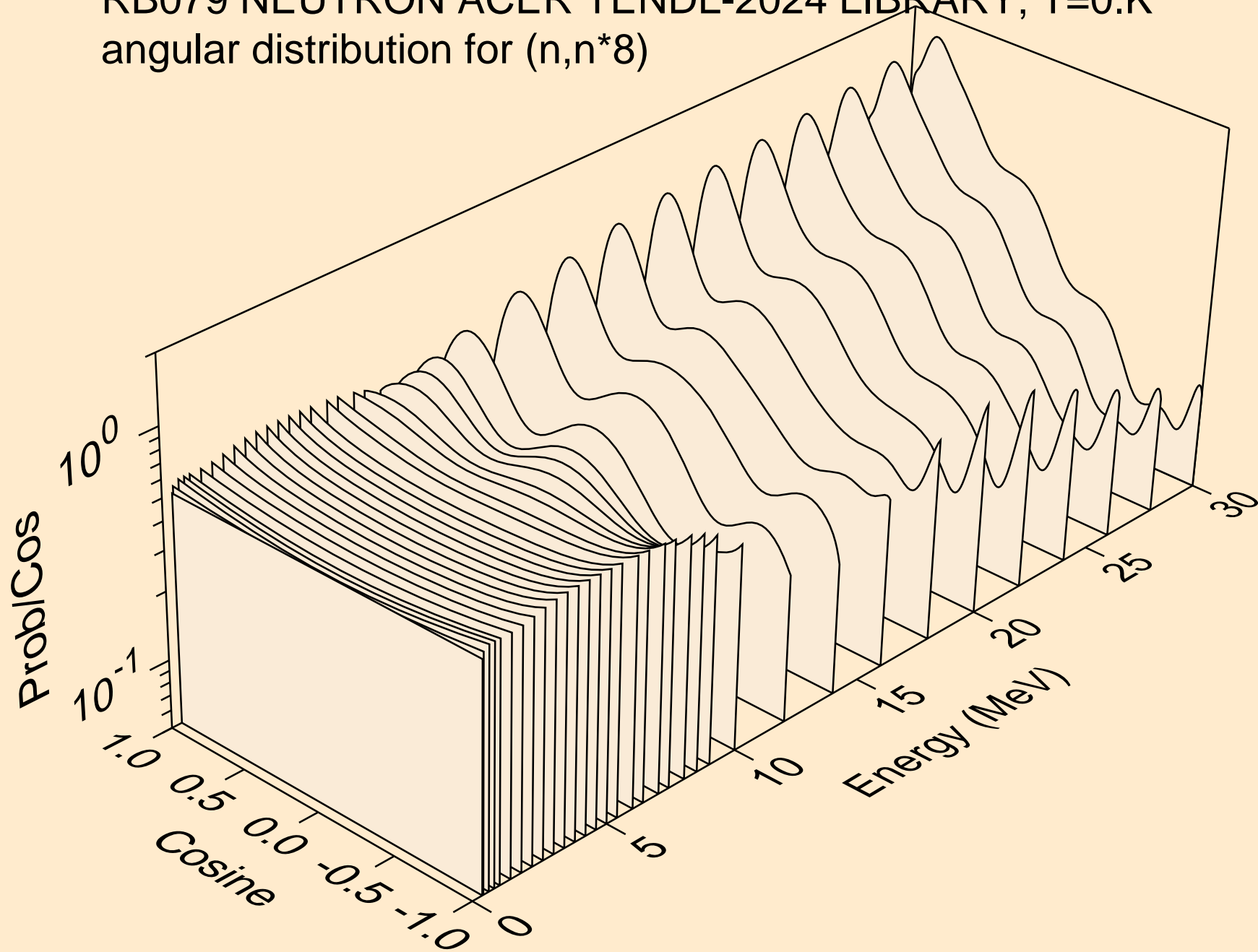


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angular distribution for (n,n\*7)



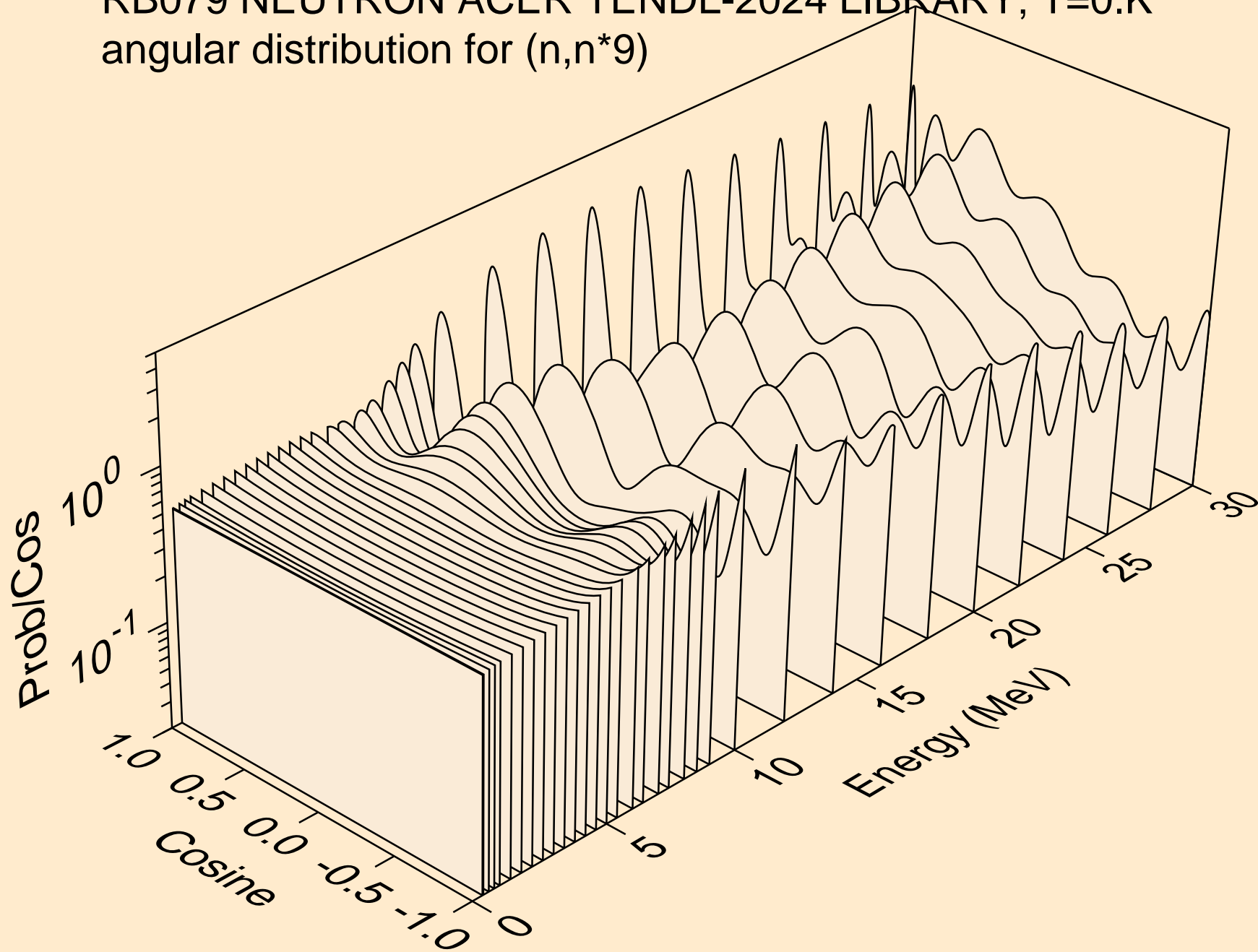


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

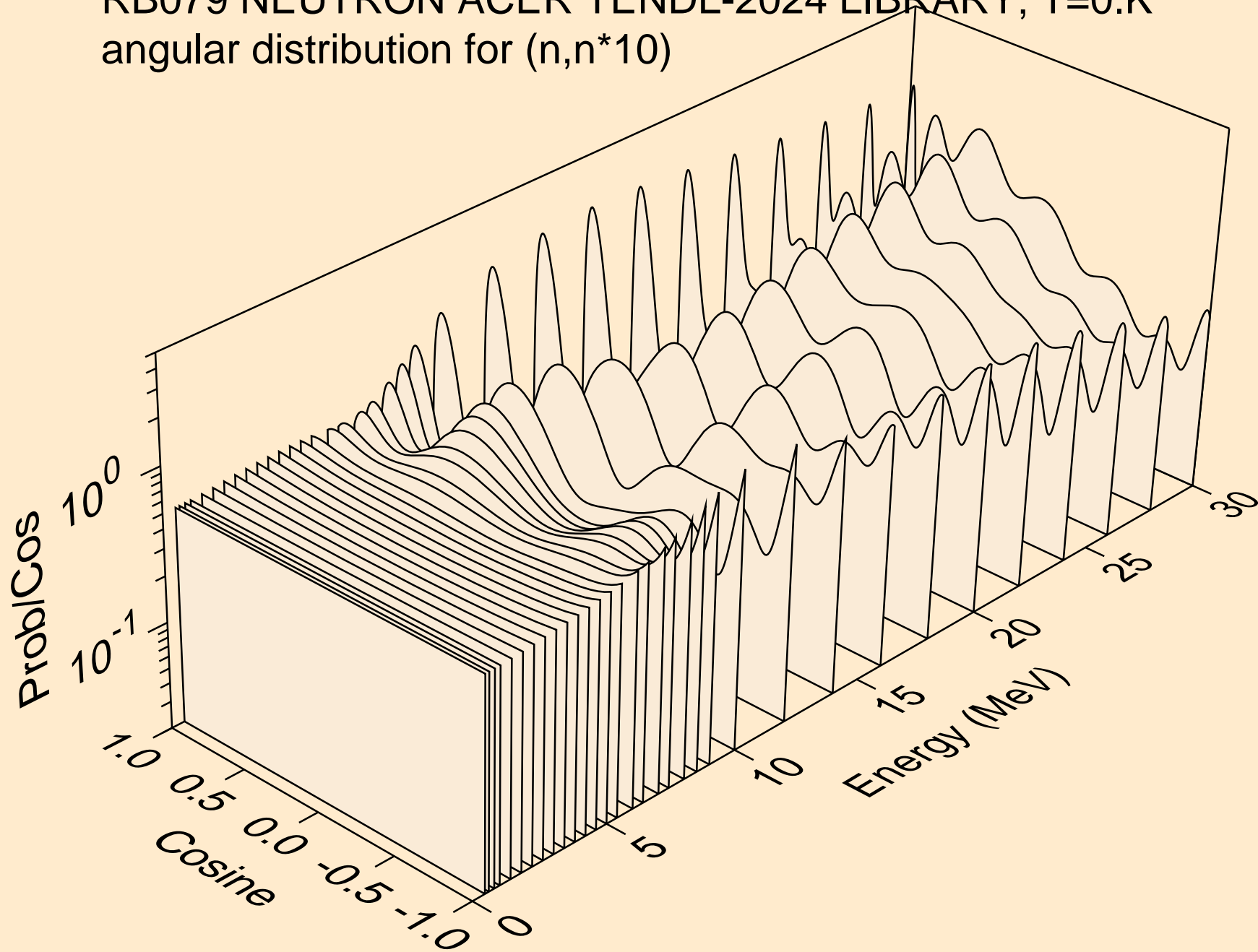




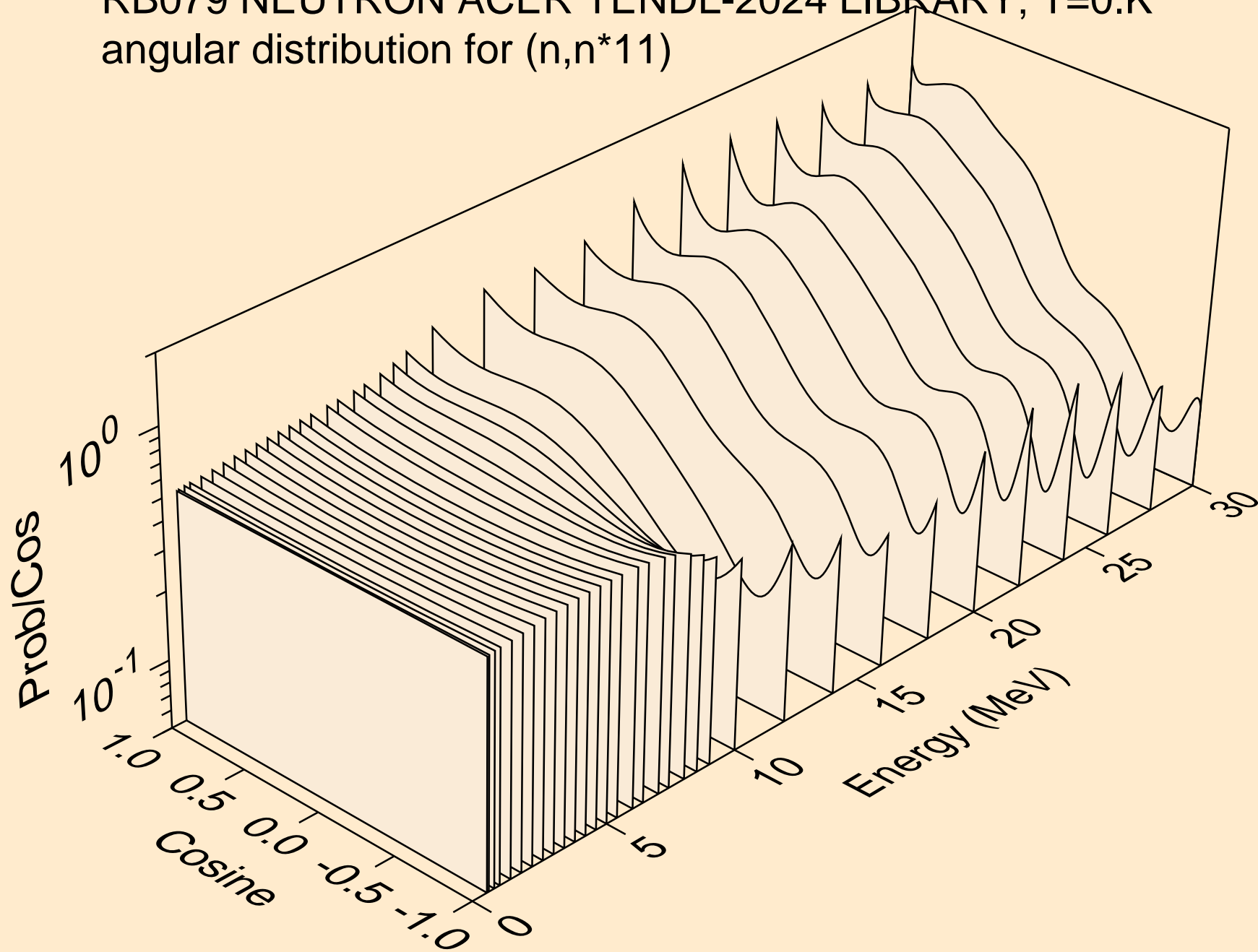
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angular distribution for (n,n\*9)



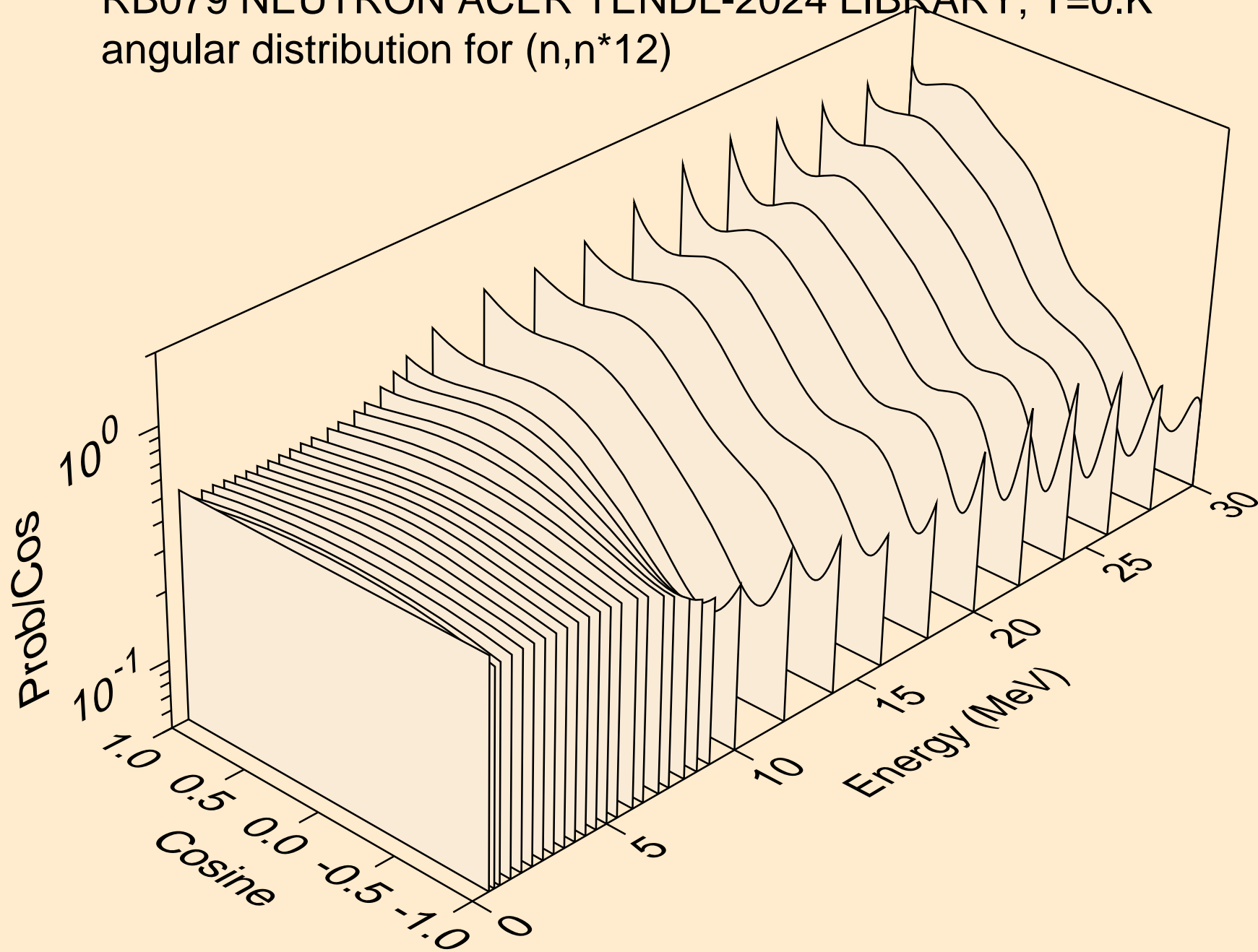
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angular distribution for (n,n\*10)



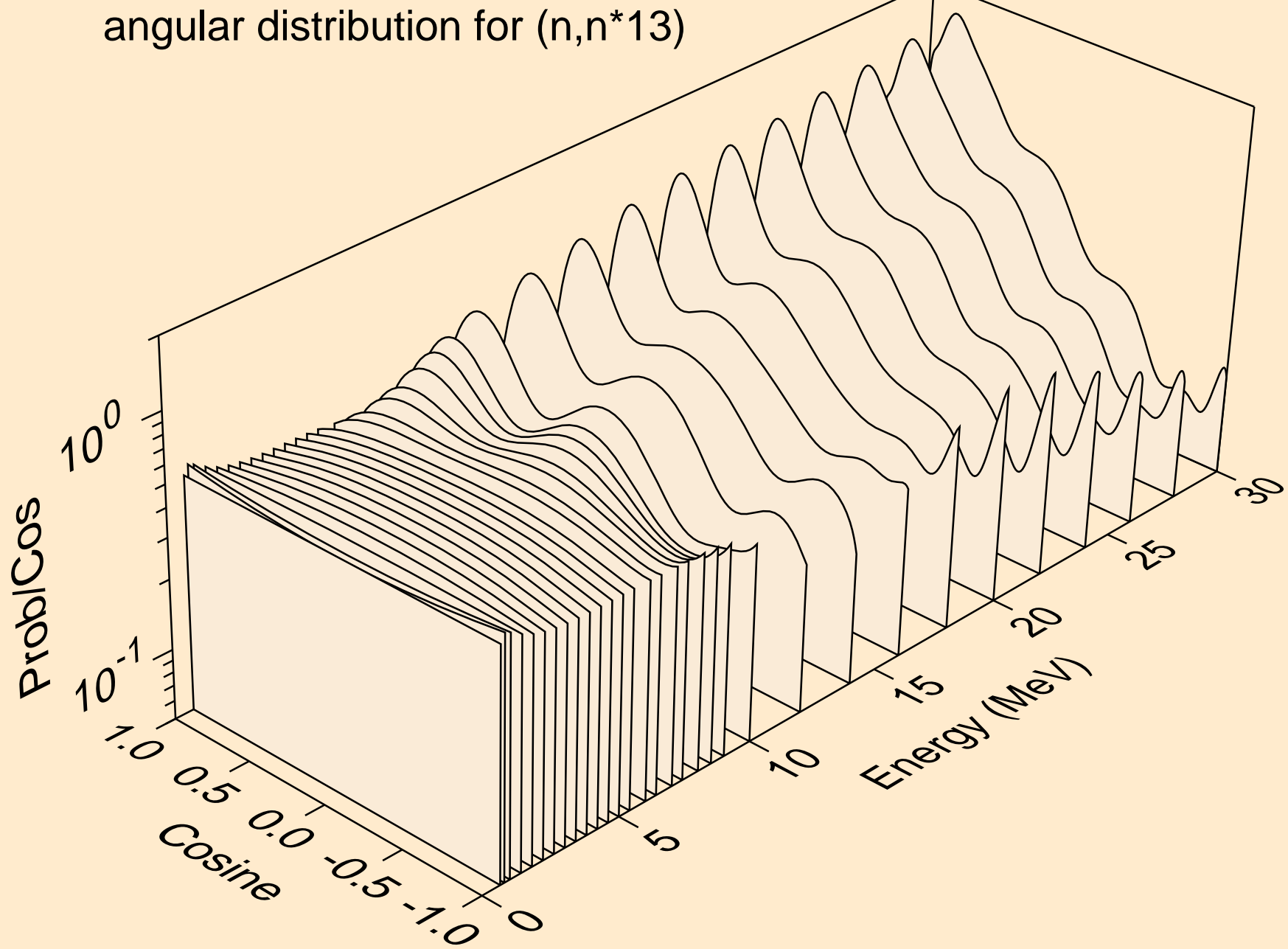
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angular distribution for (n,n\*11)



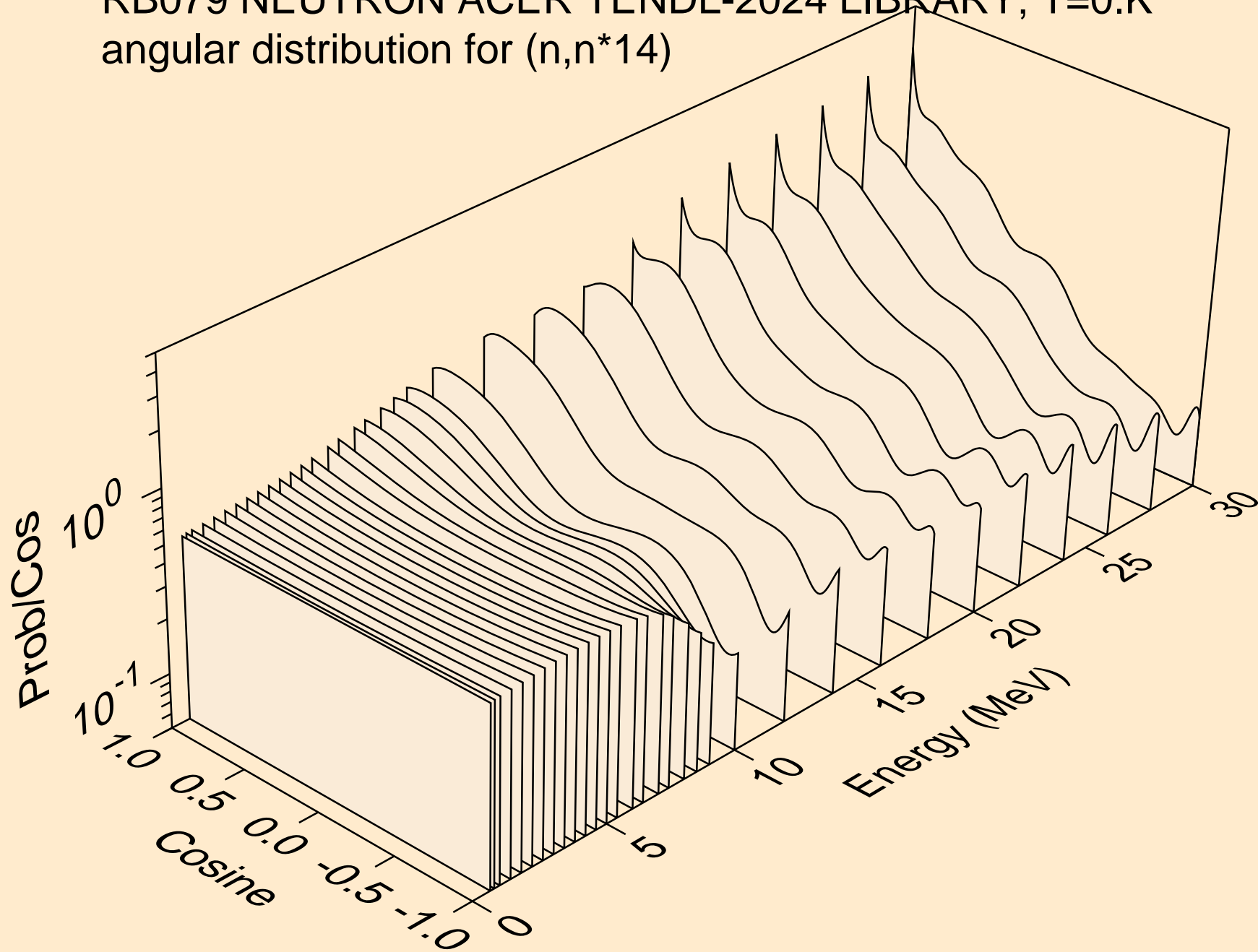
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angular distribution for (n,n\*12)



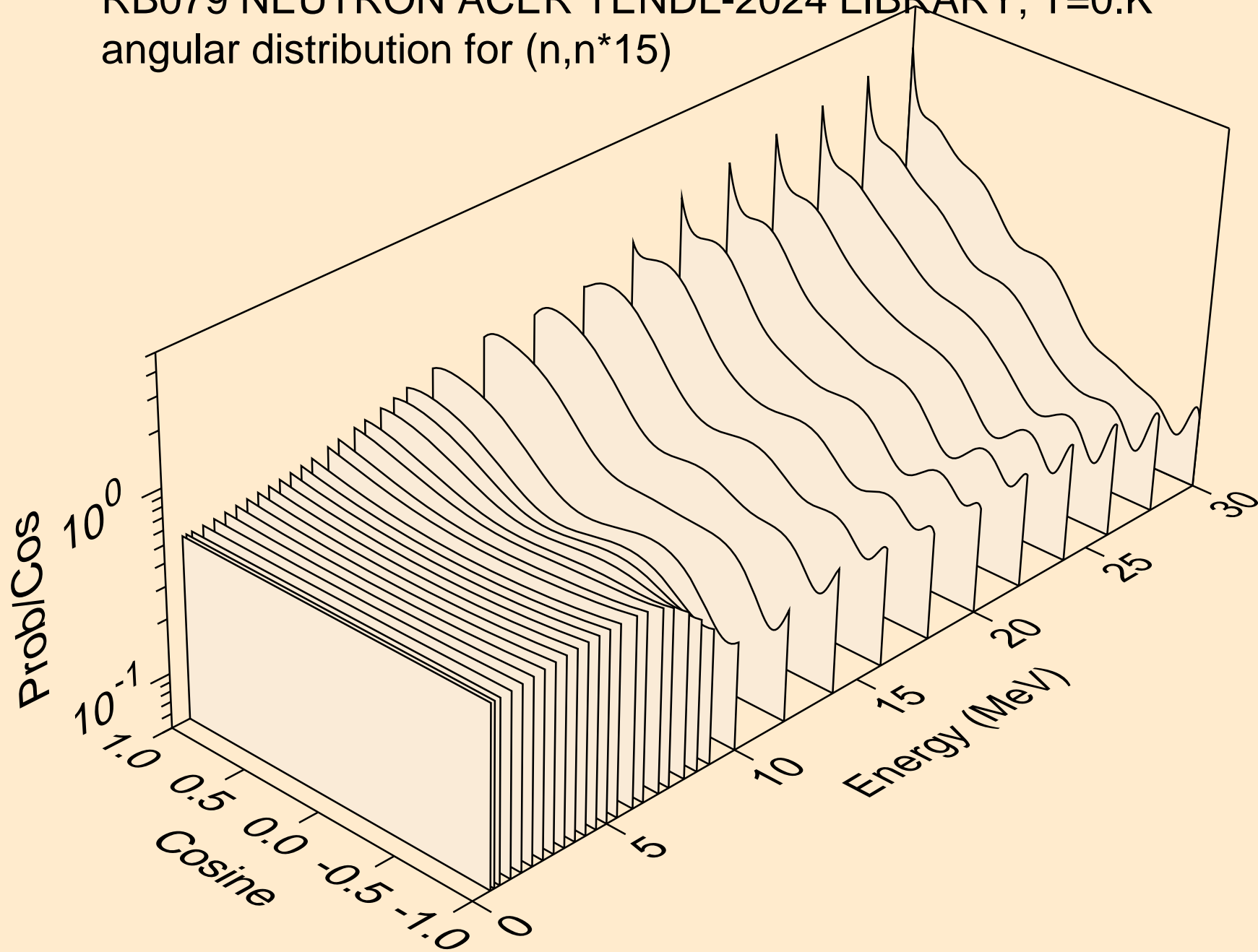
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angular distribution for (n,n\*13)



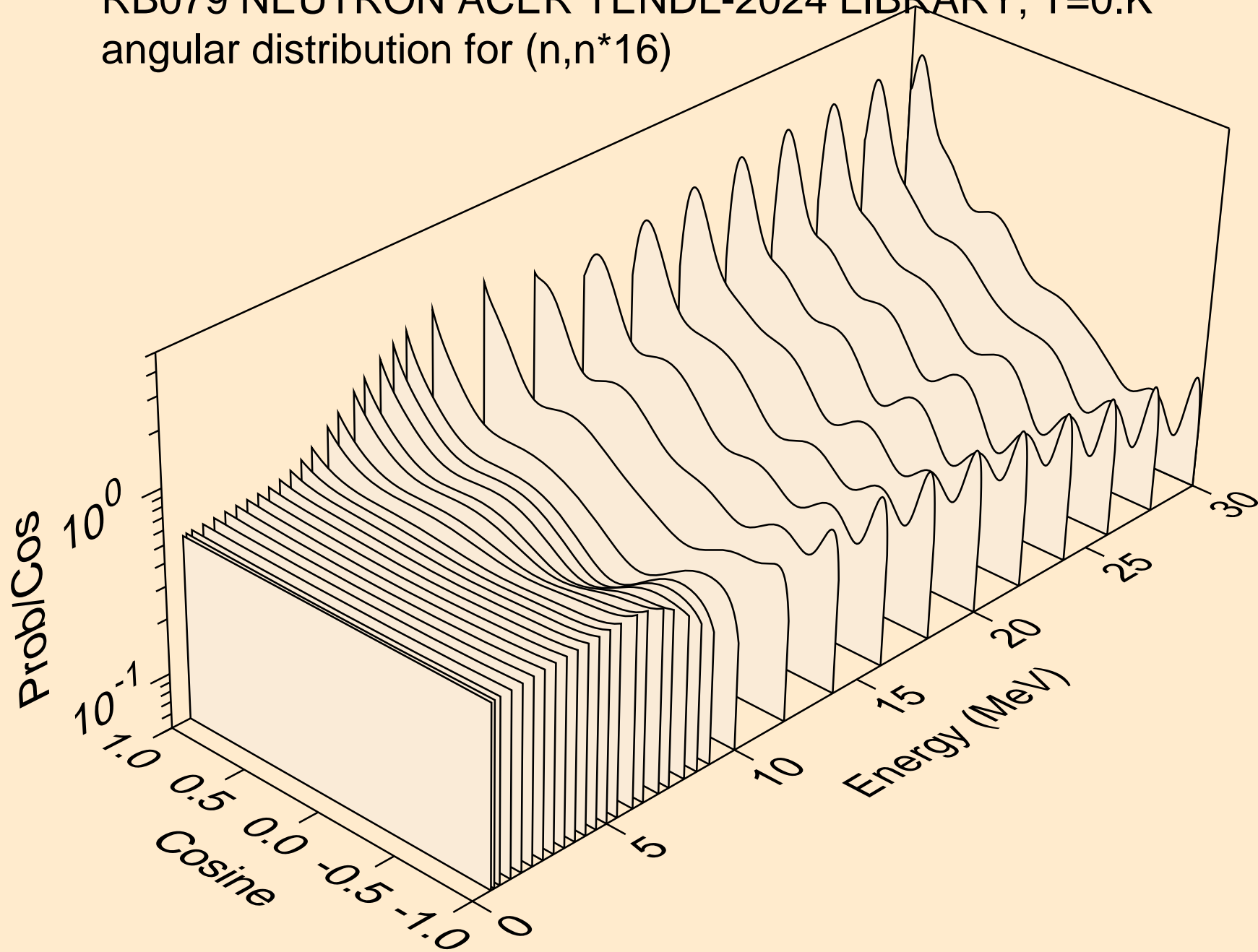
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

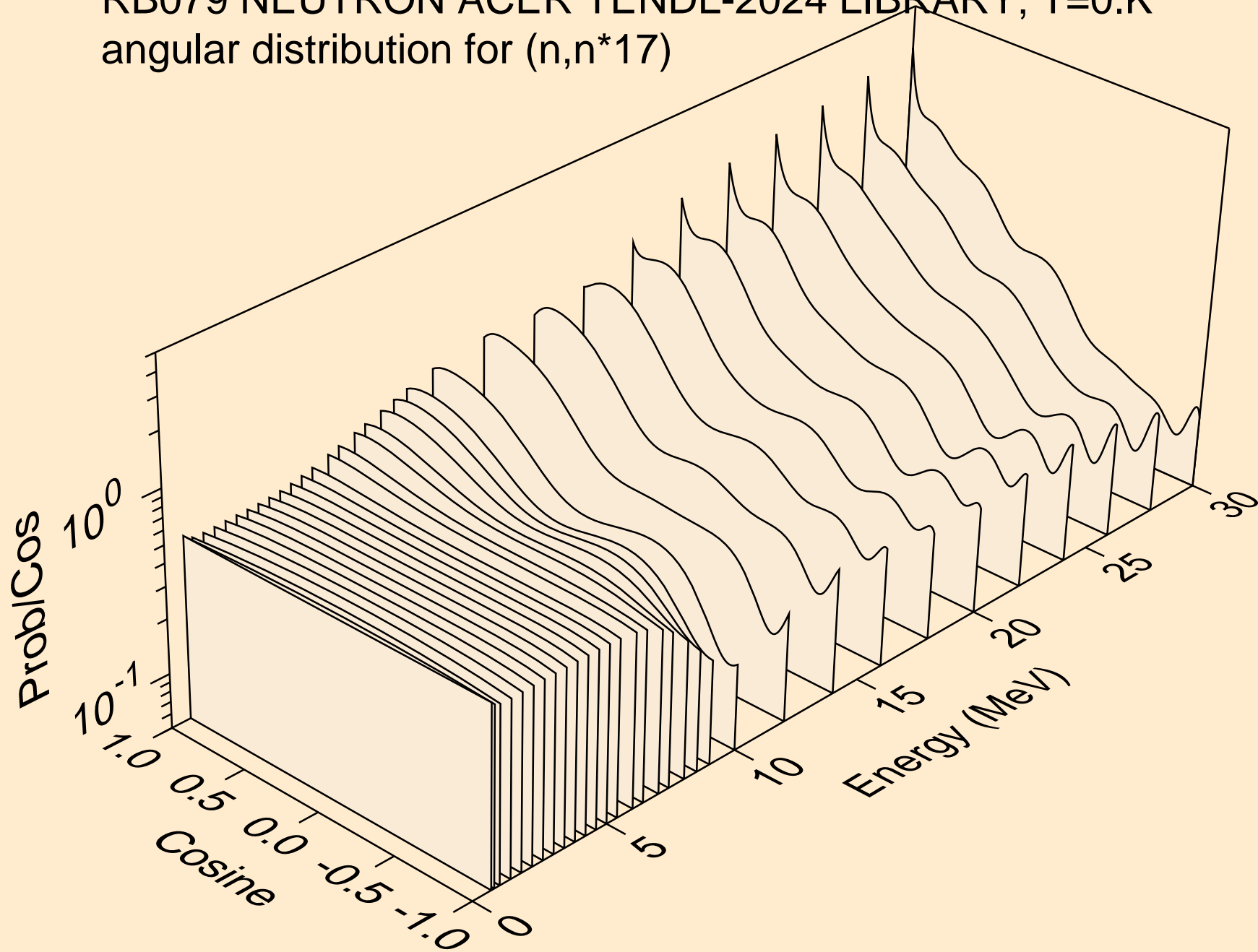


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angular distribution for (n,n\*16)

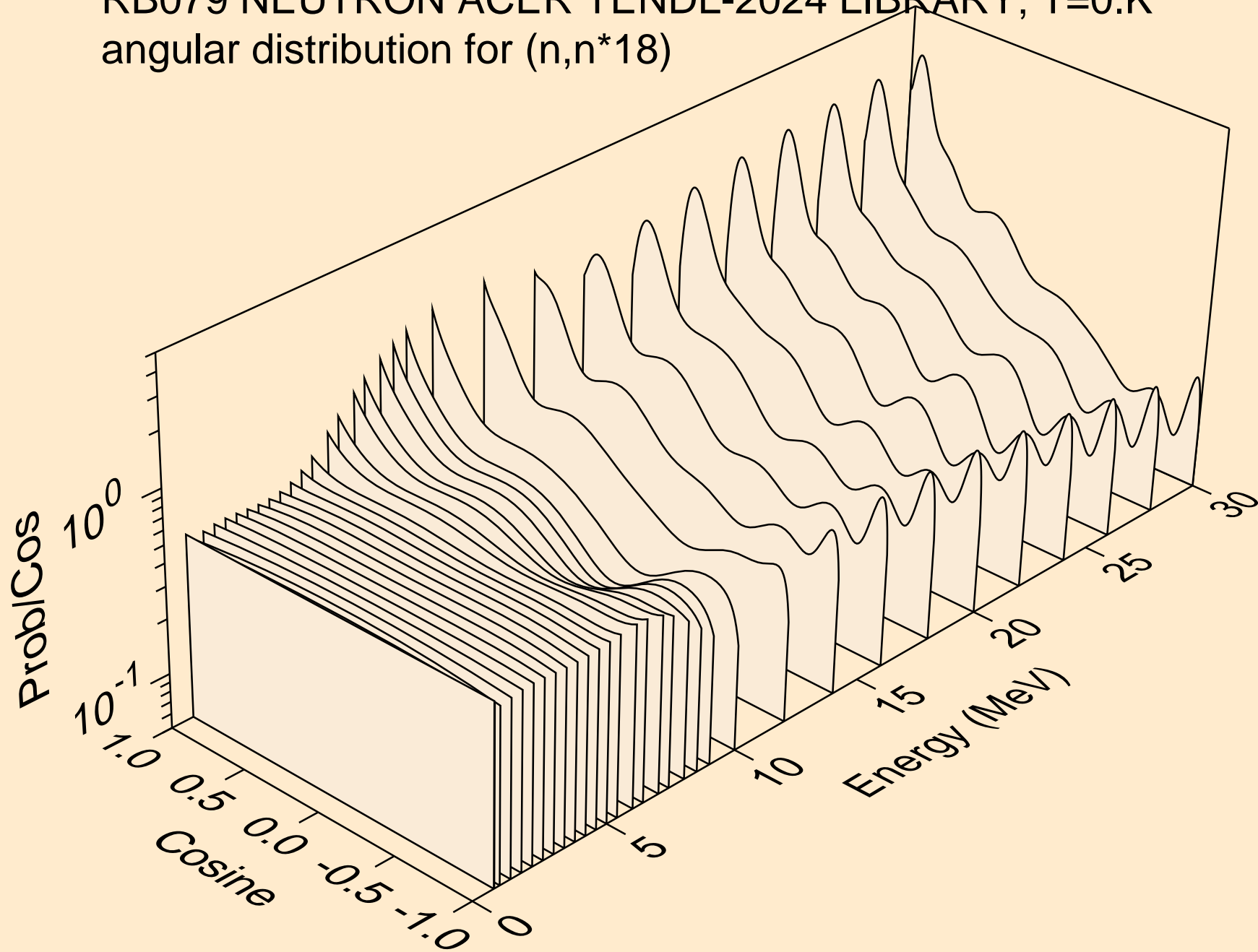




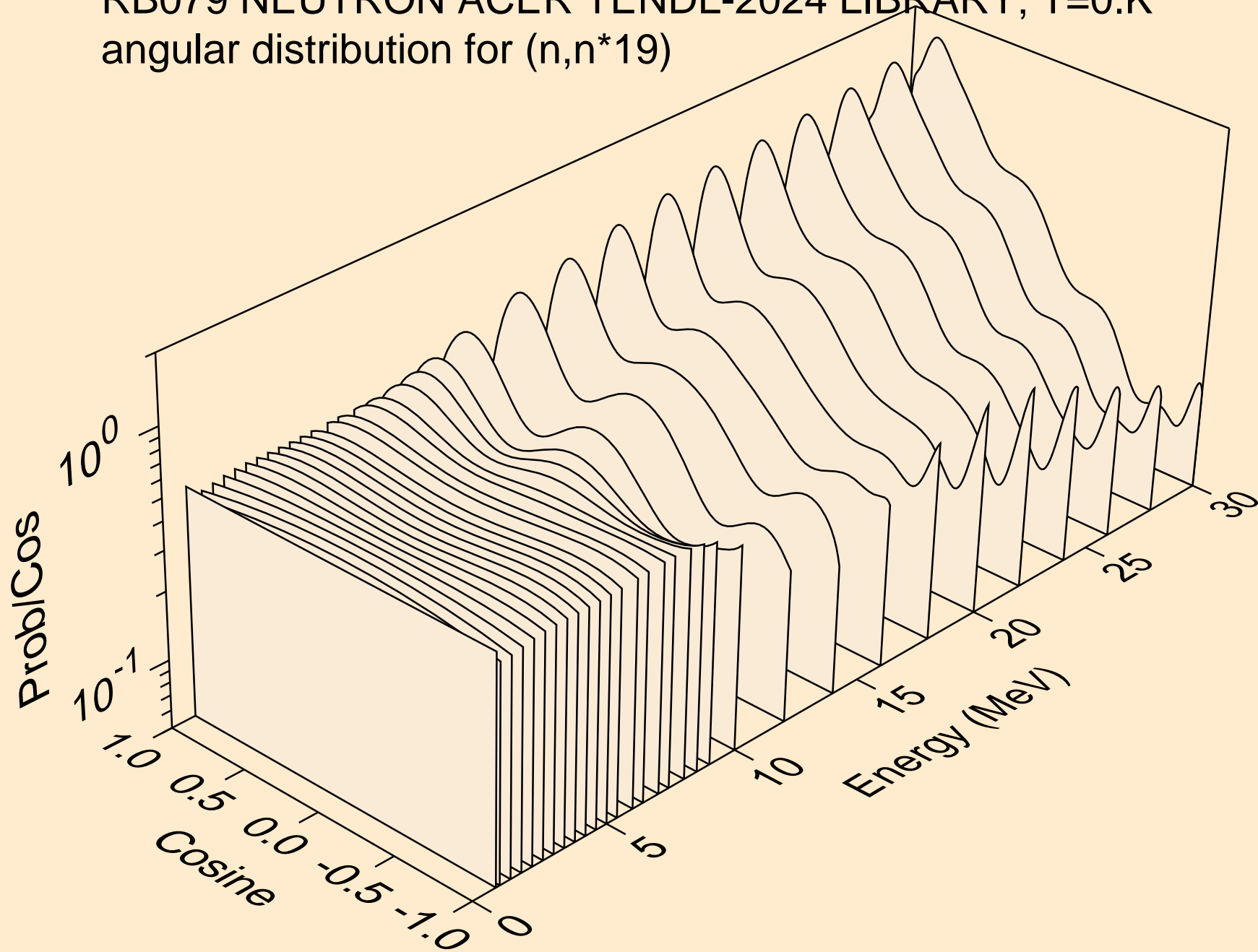
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angular distribution for (n,n\*17)



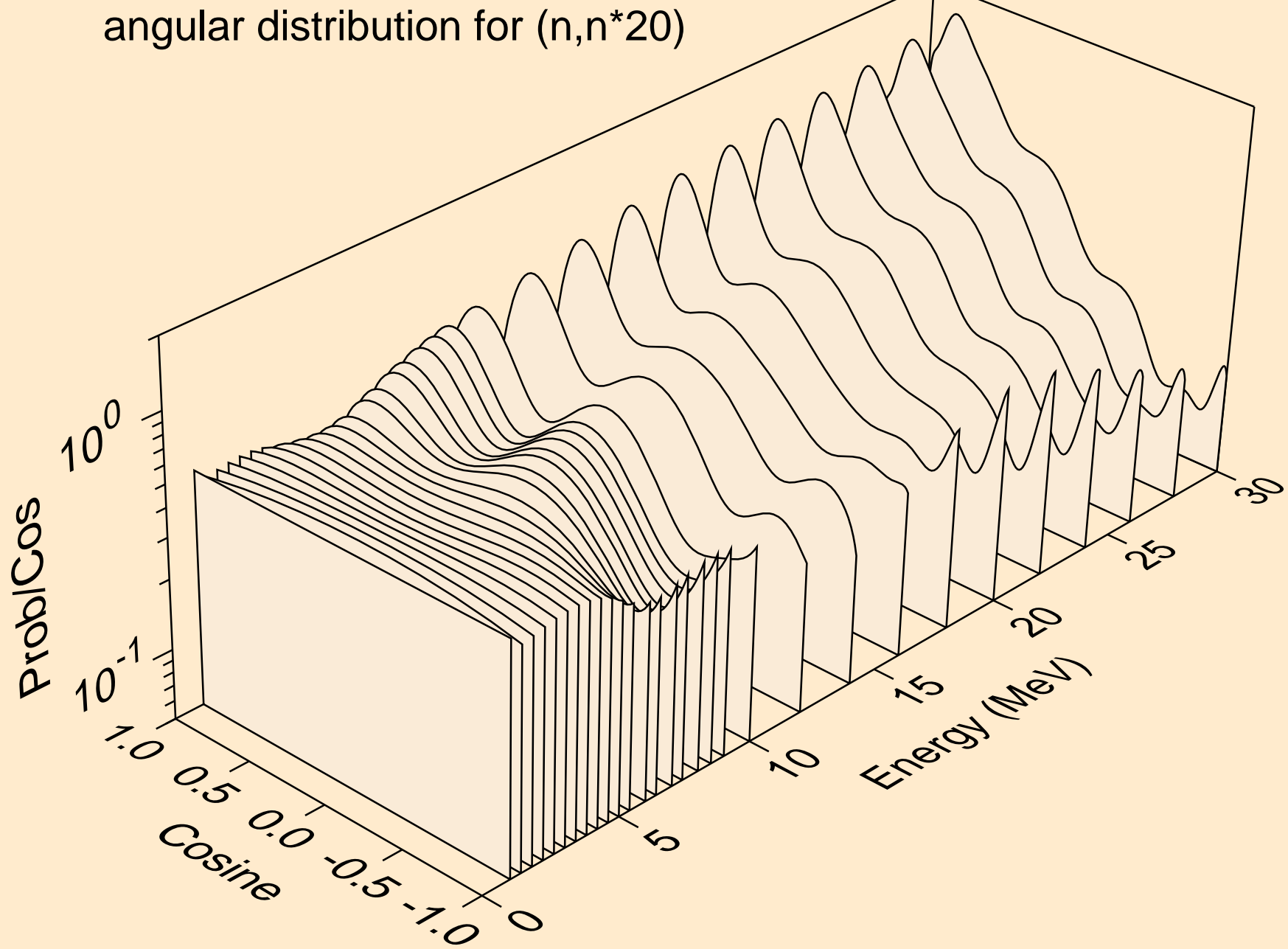
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angular distribution for (n,n\*18)



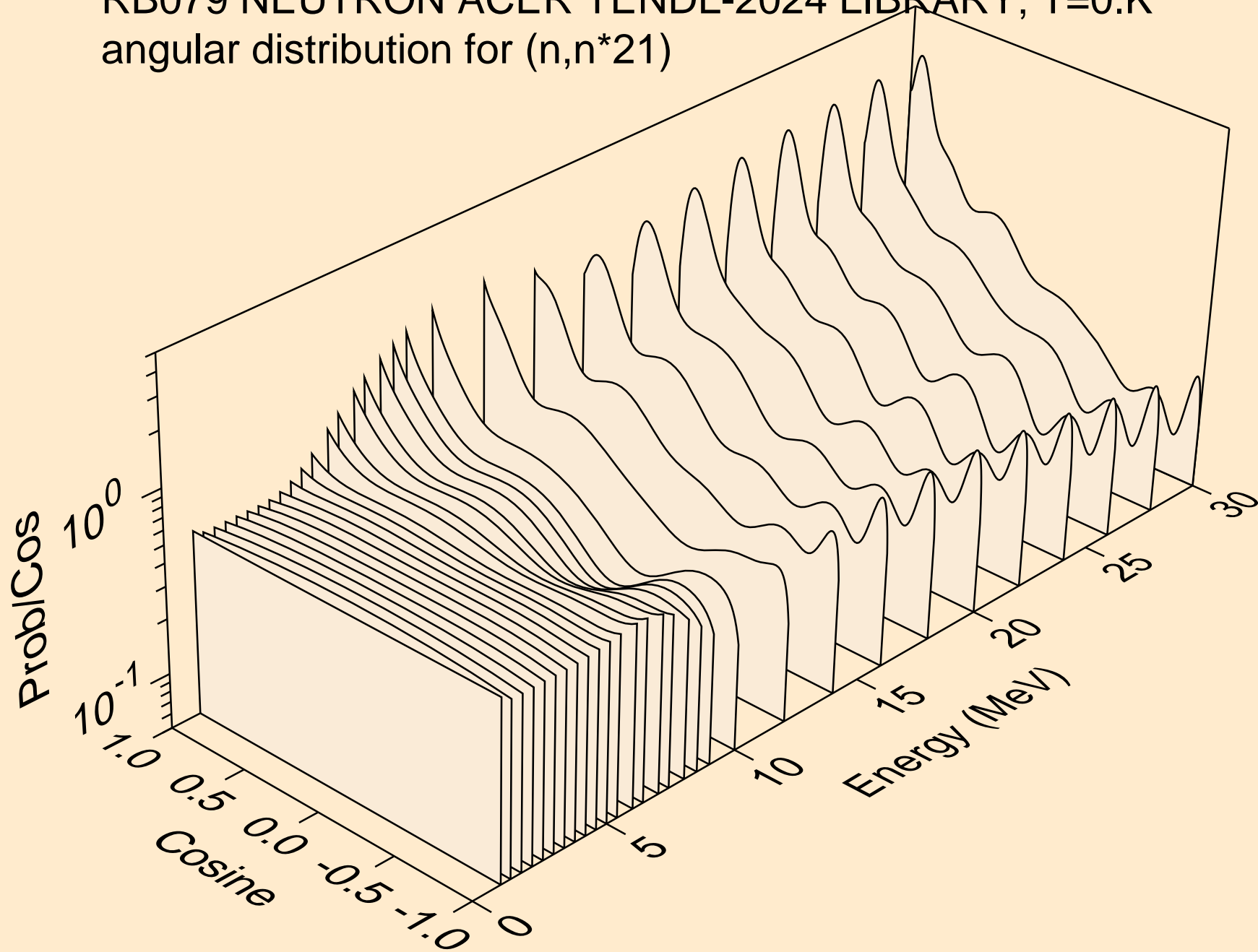
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angular distribution for (n,n\*19)



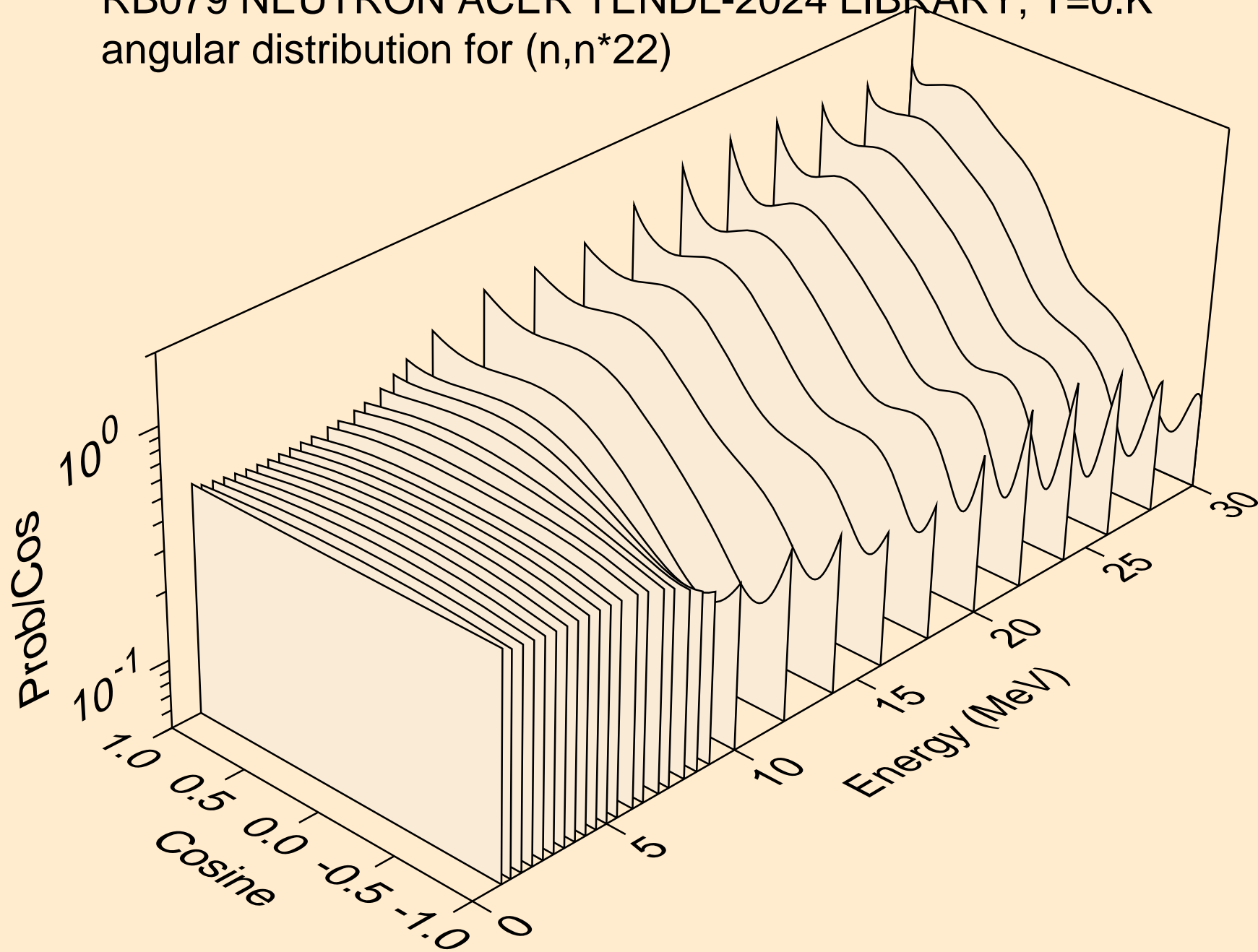
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angular distribution for (n,n\*20)



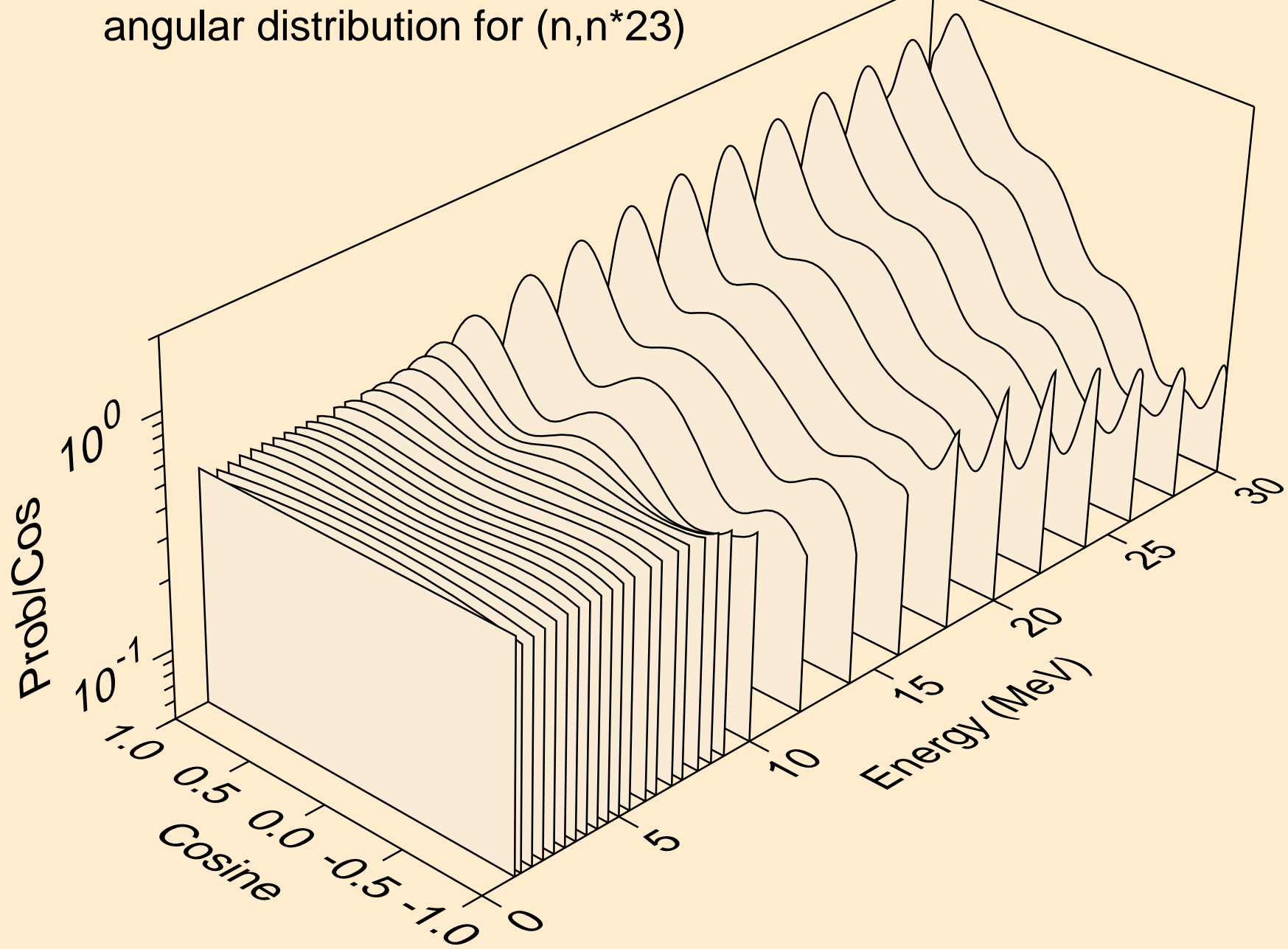
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angular distribution for (n,n\*21)



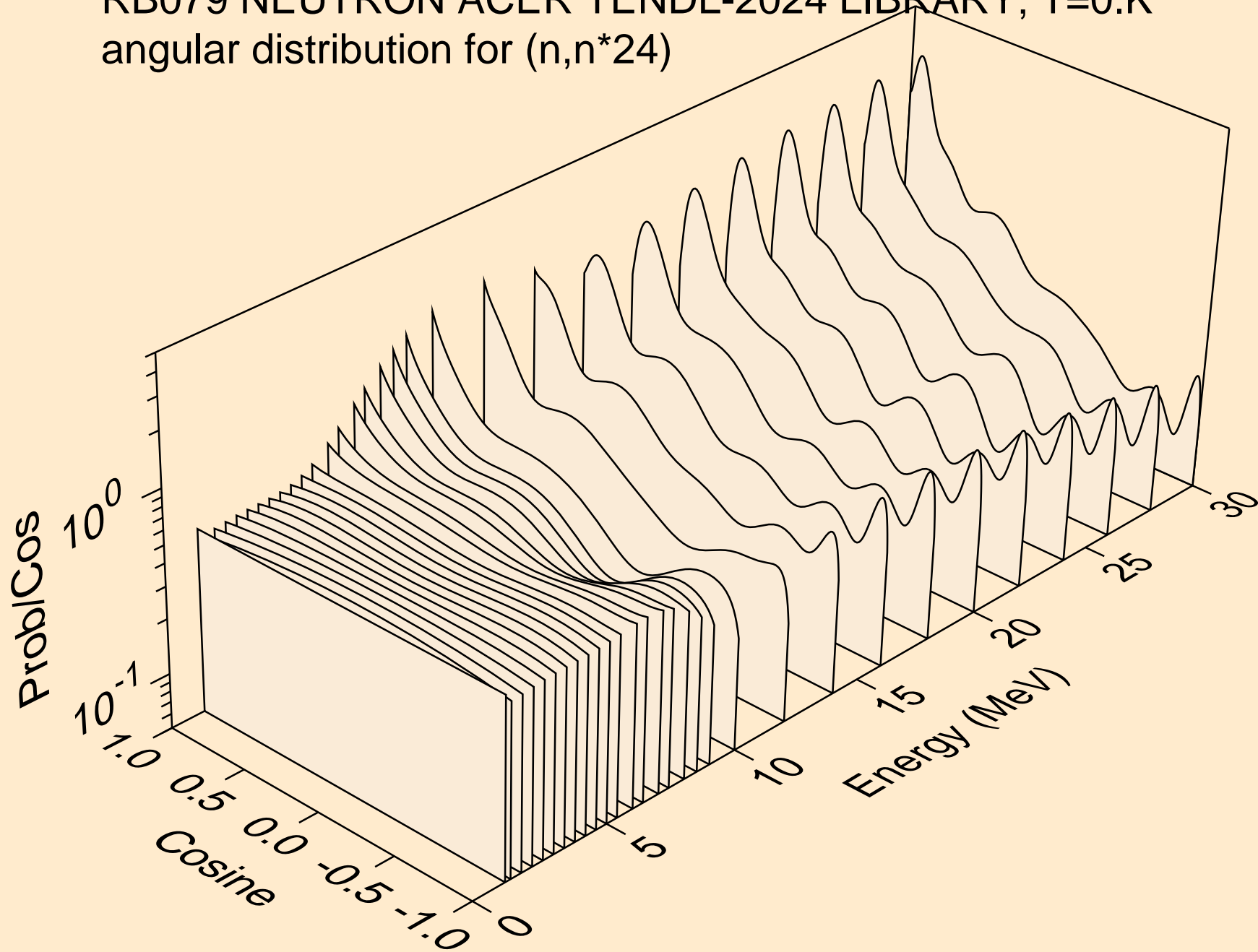
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

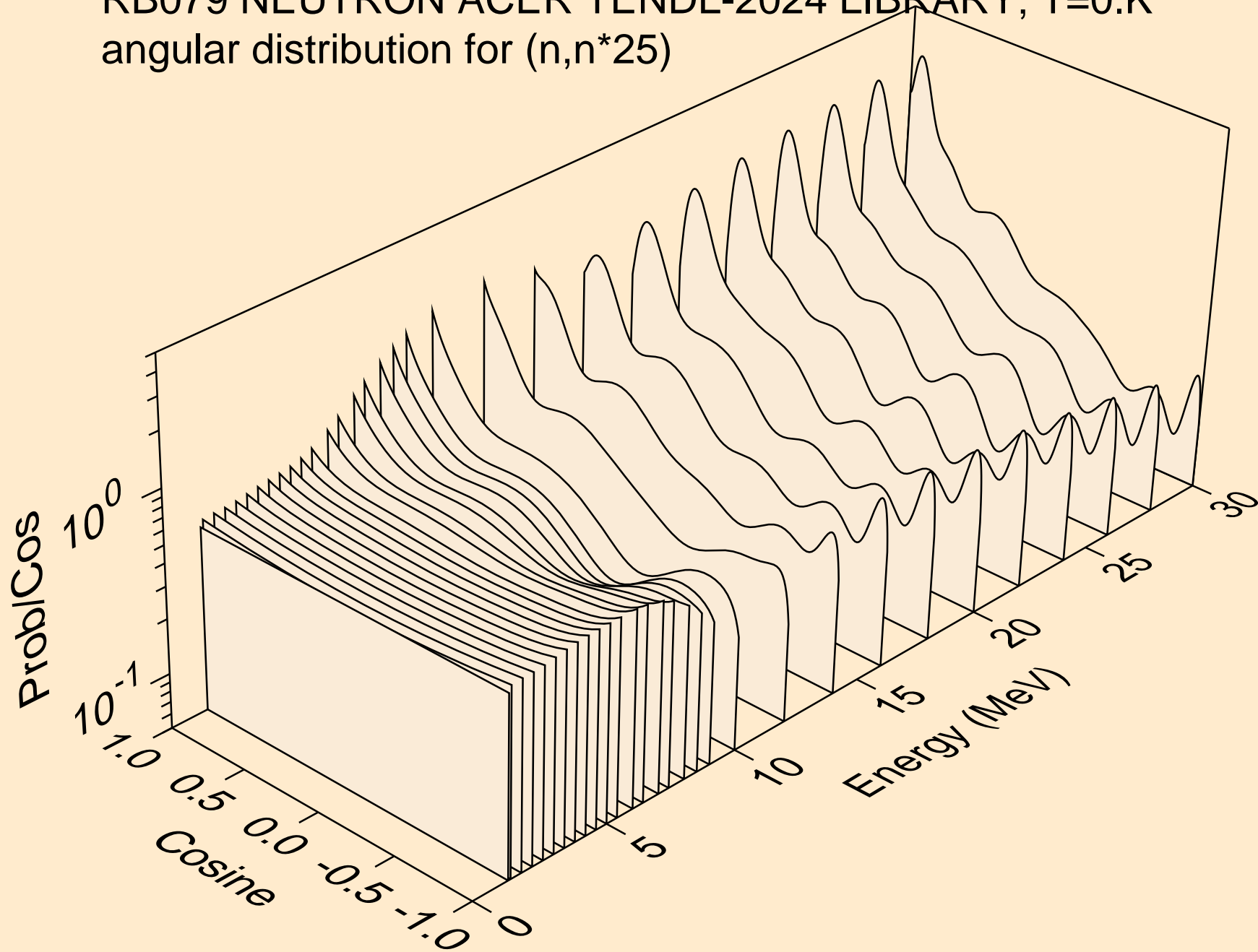


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angular distribution for (n,n\*24)

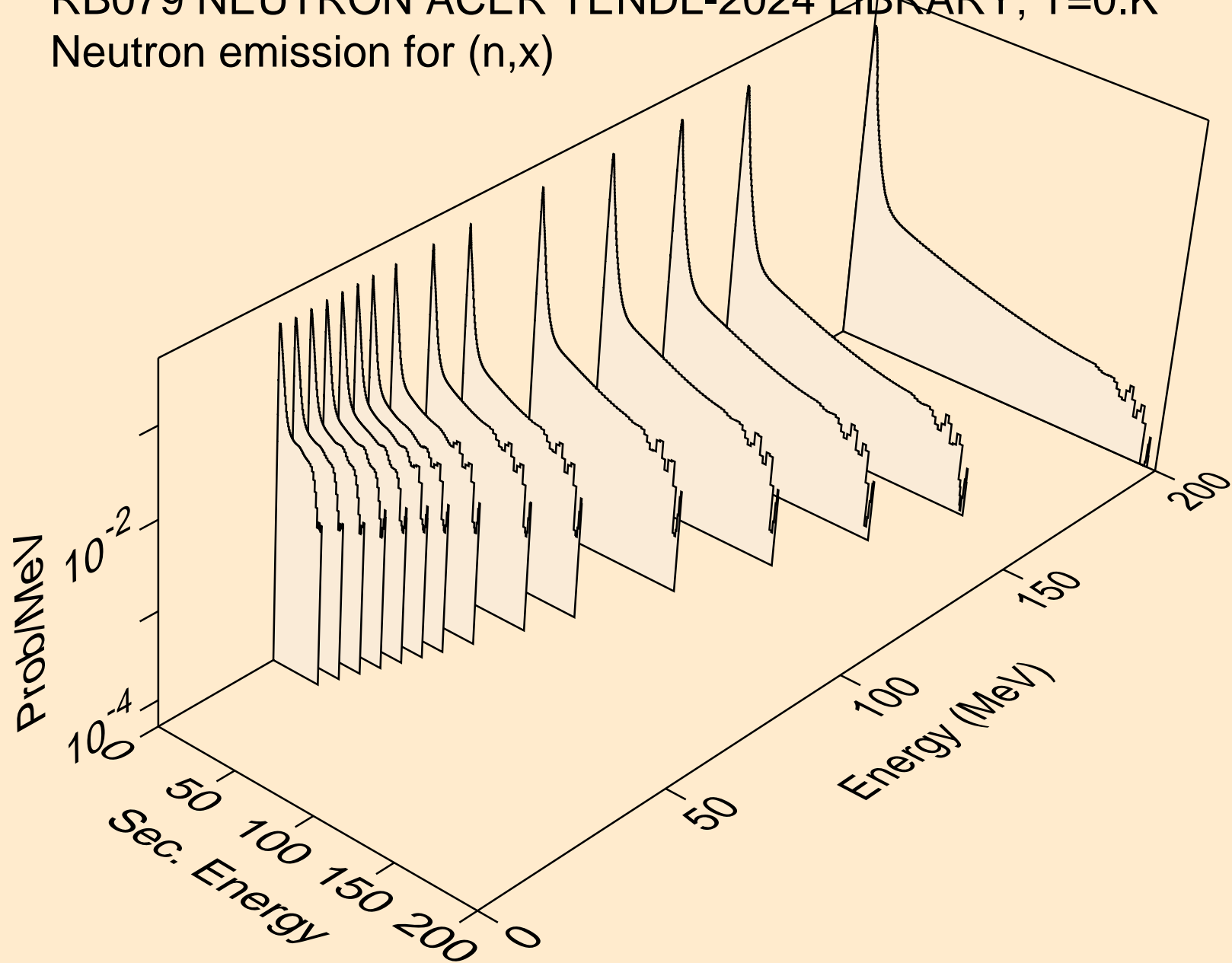




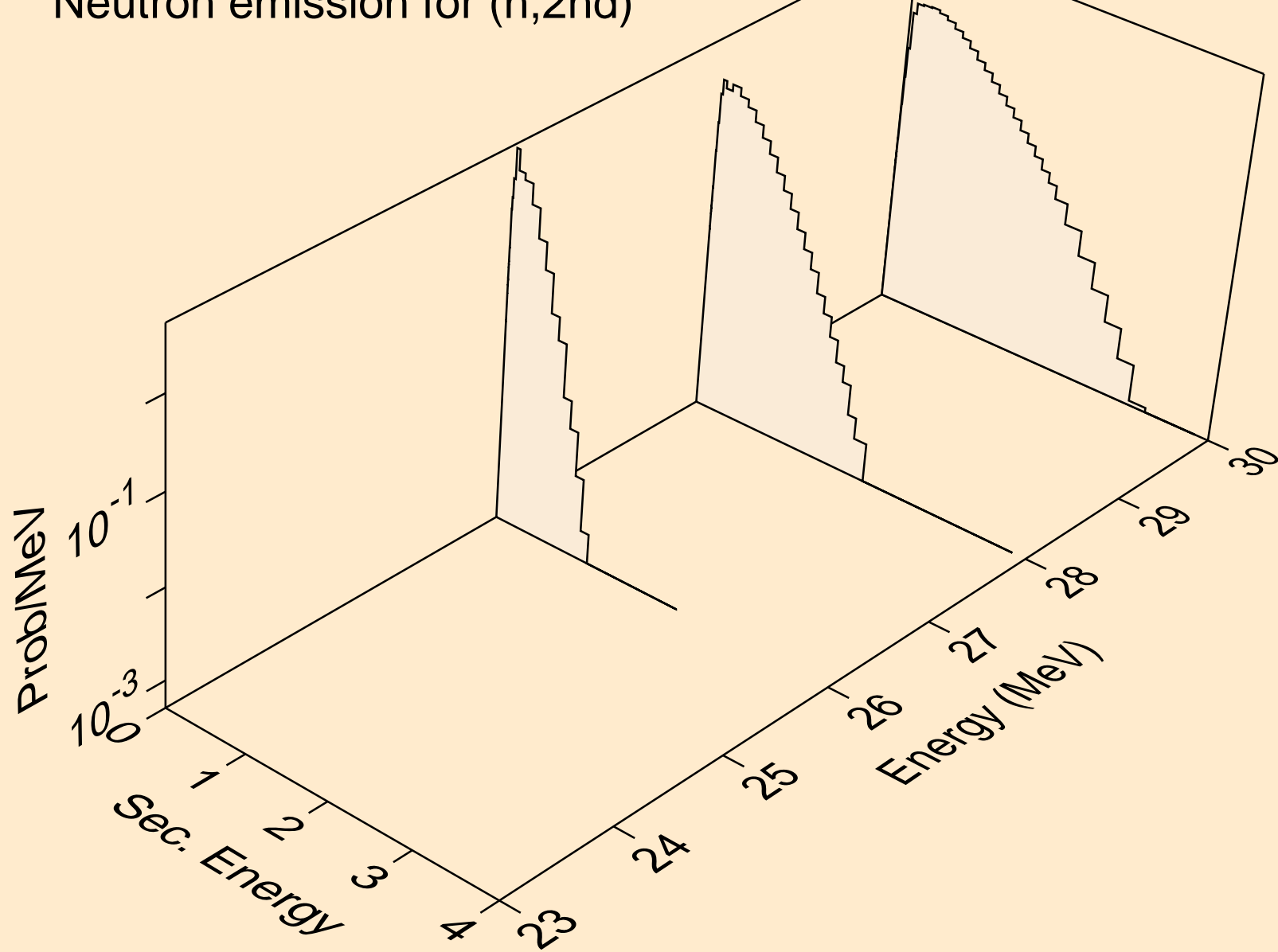
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



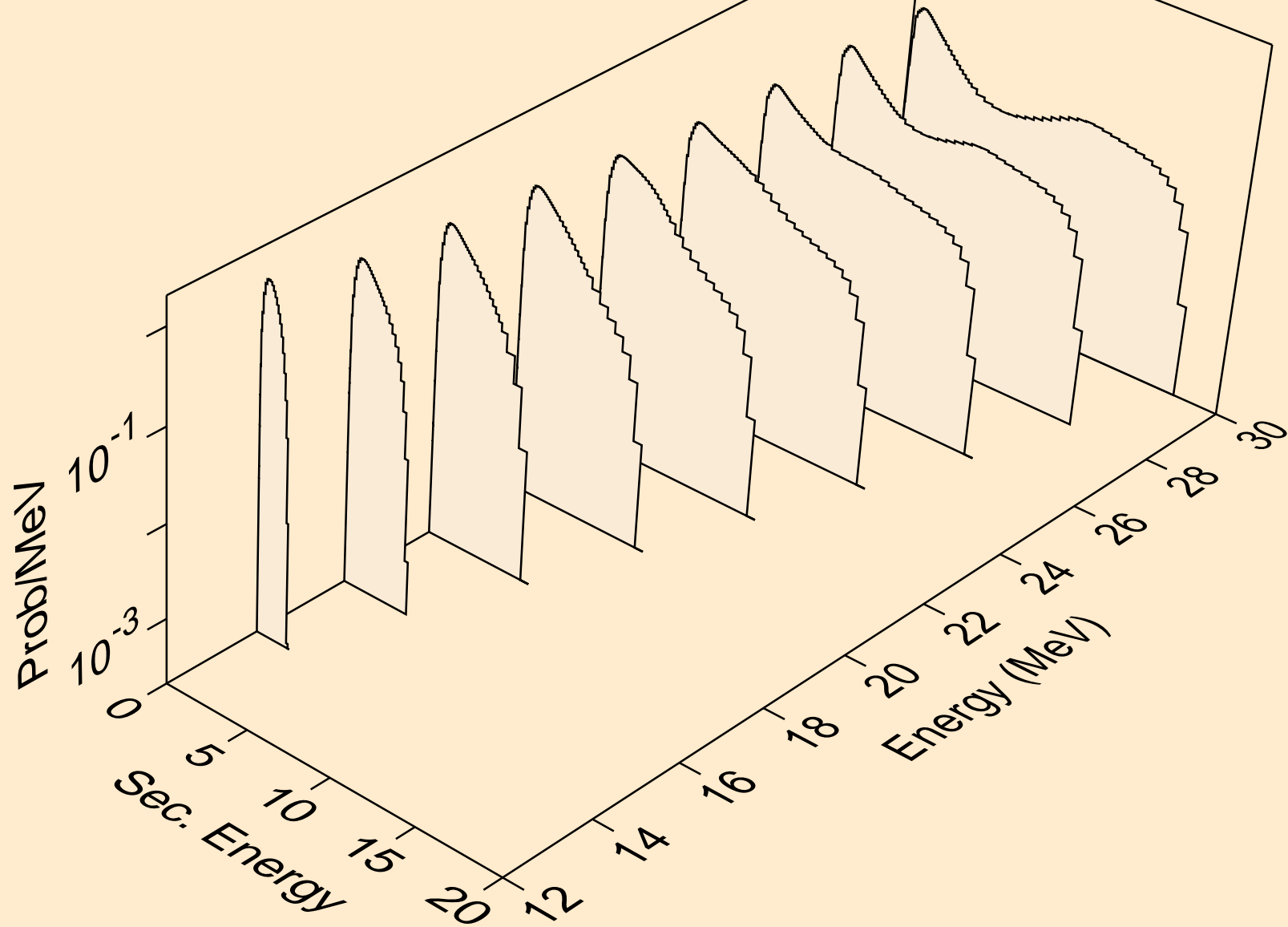
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



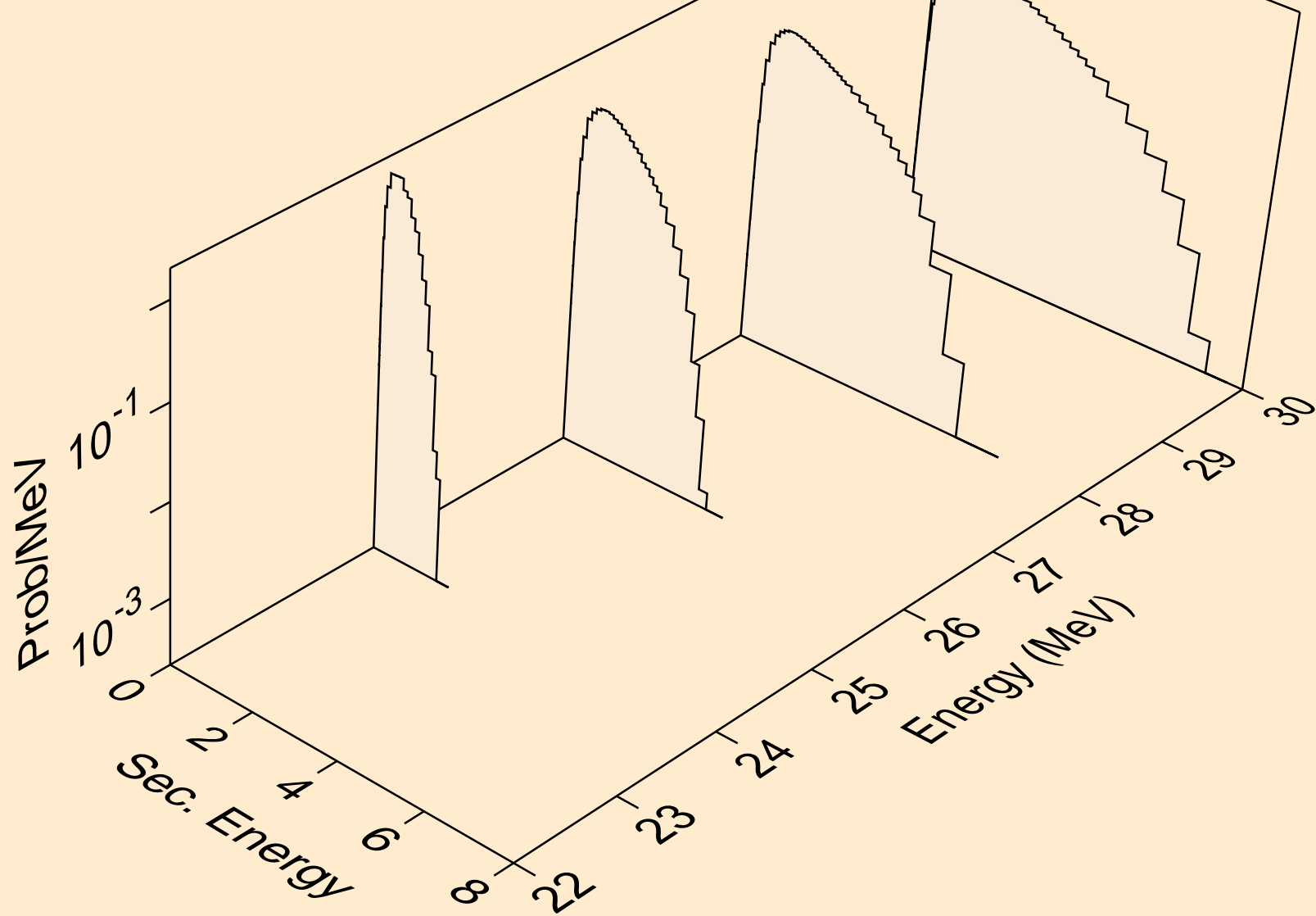
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



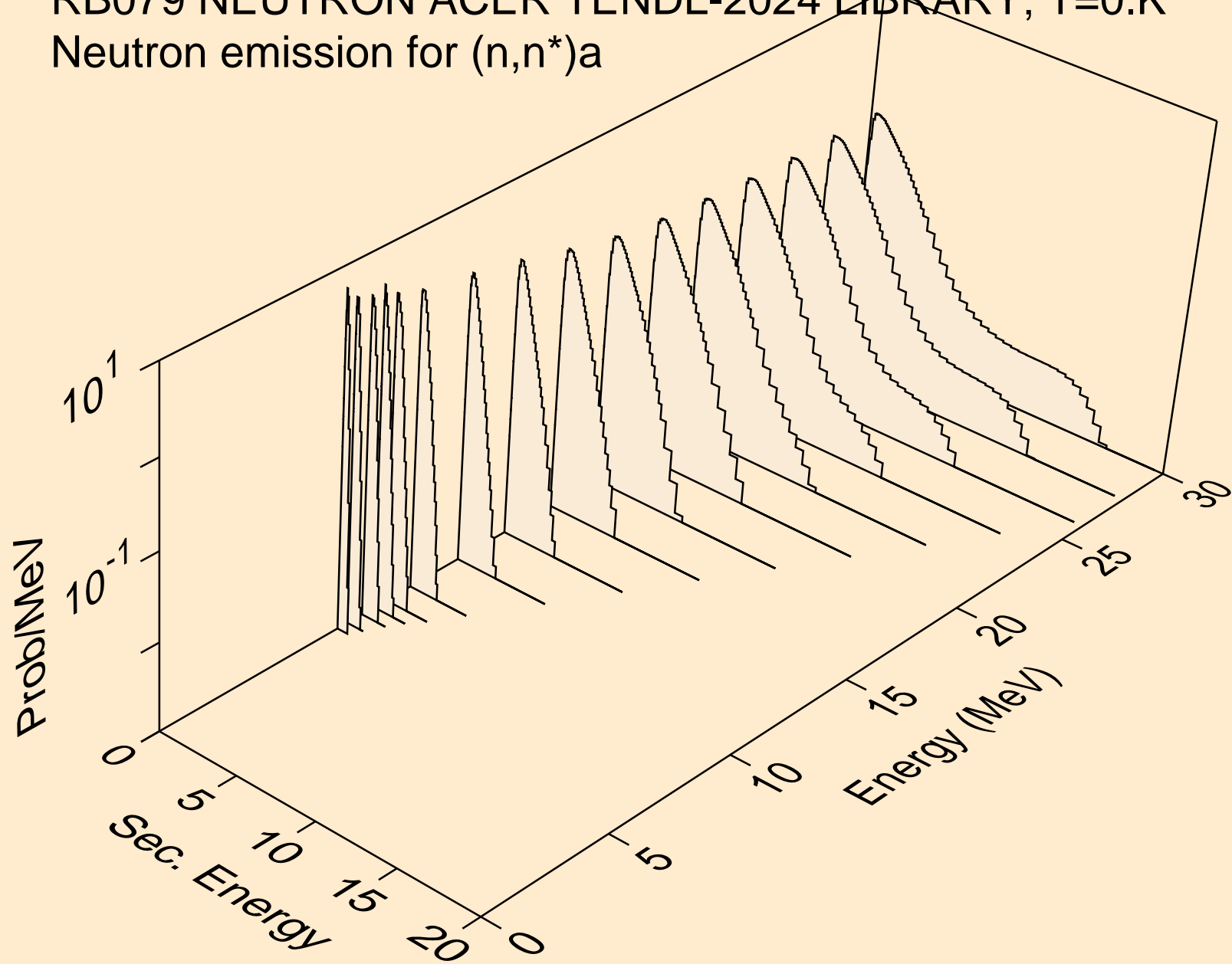
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Neutron emission for (n,2n)



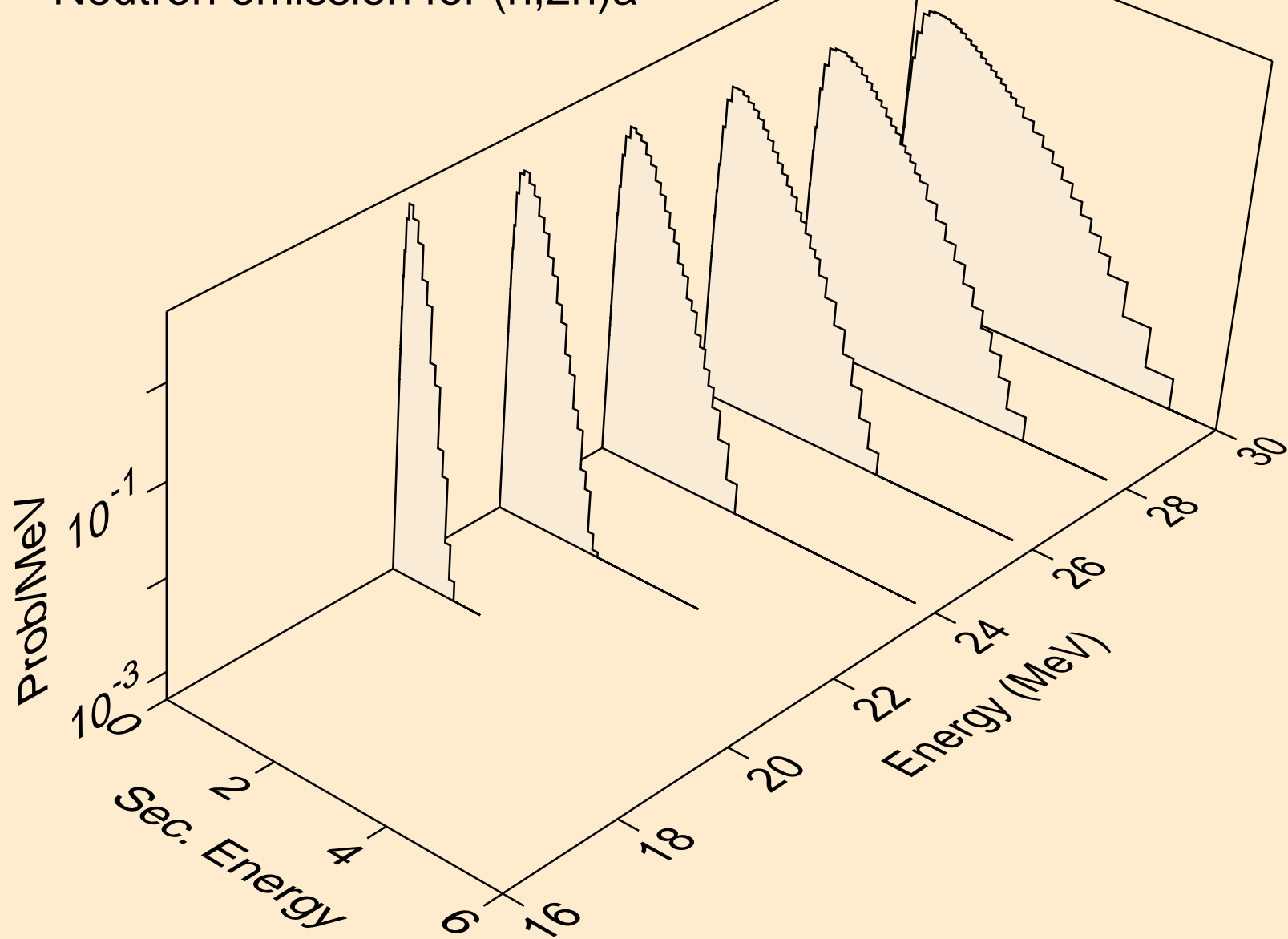
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Neutron emission for (n,3n)



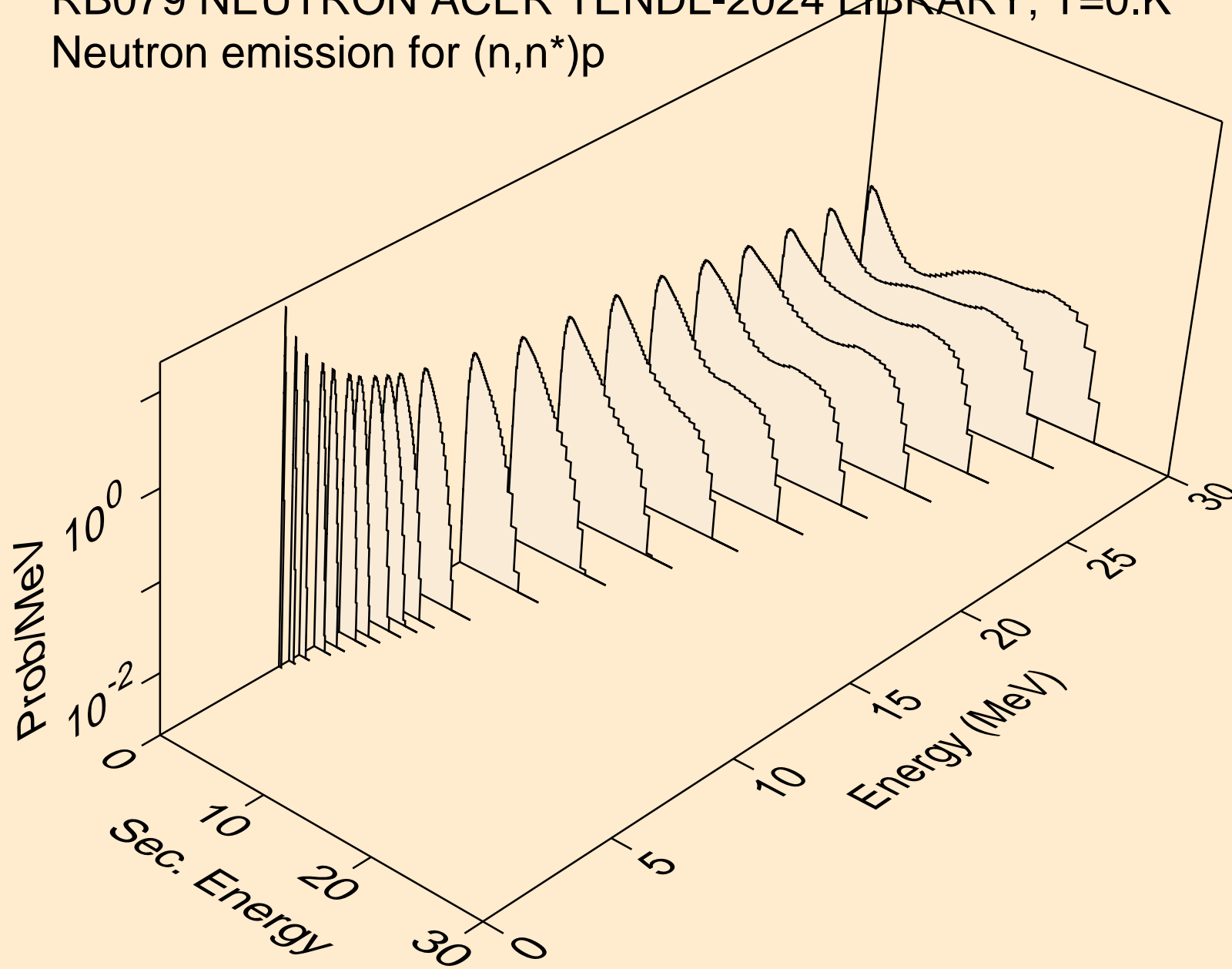
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

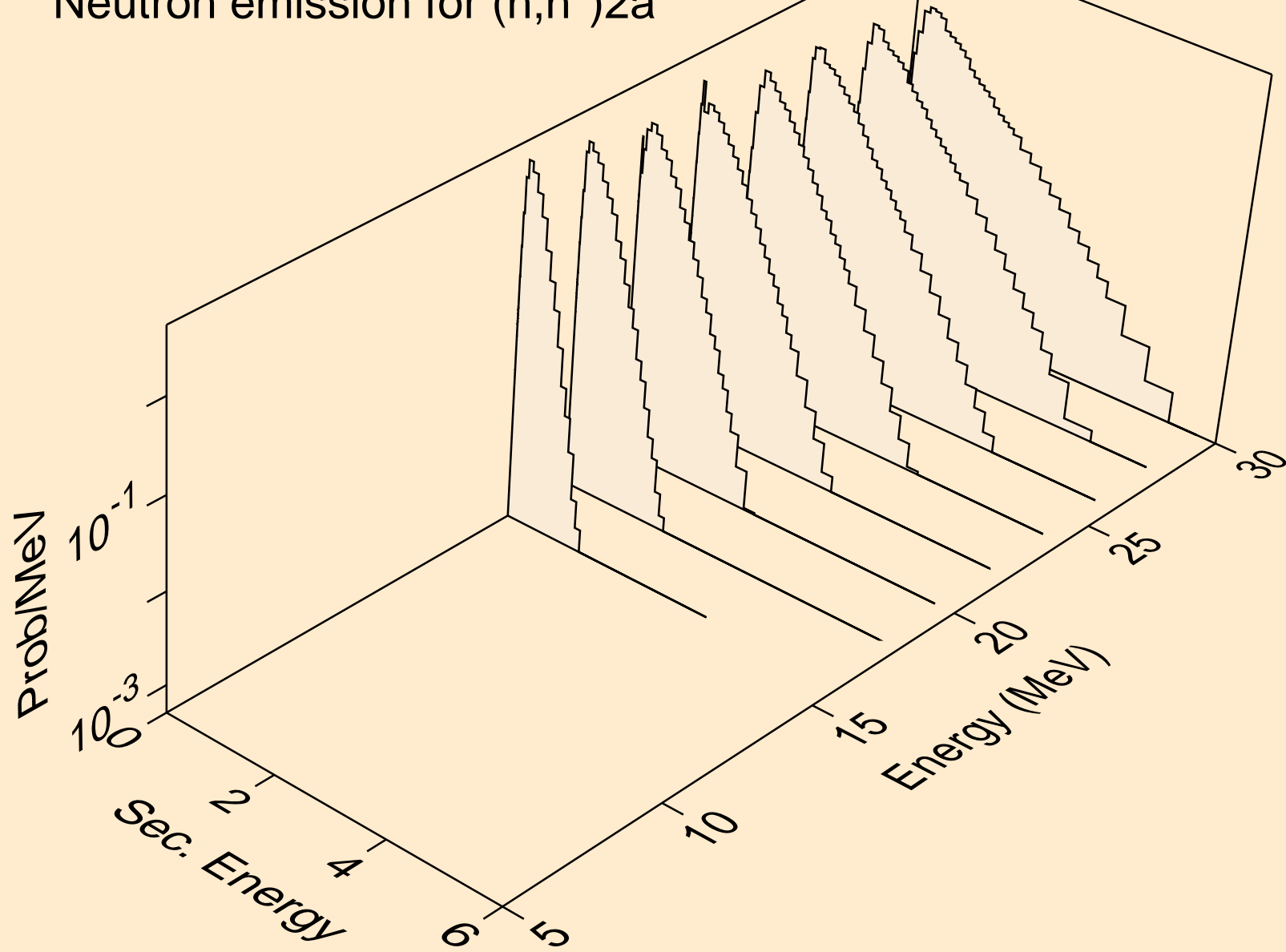


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

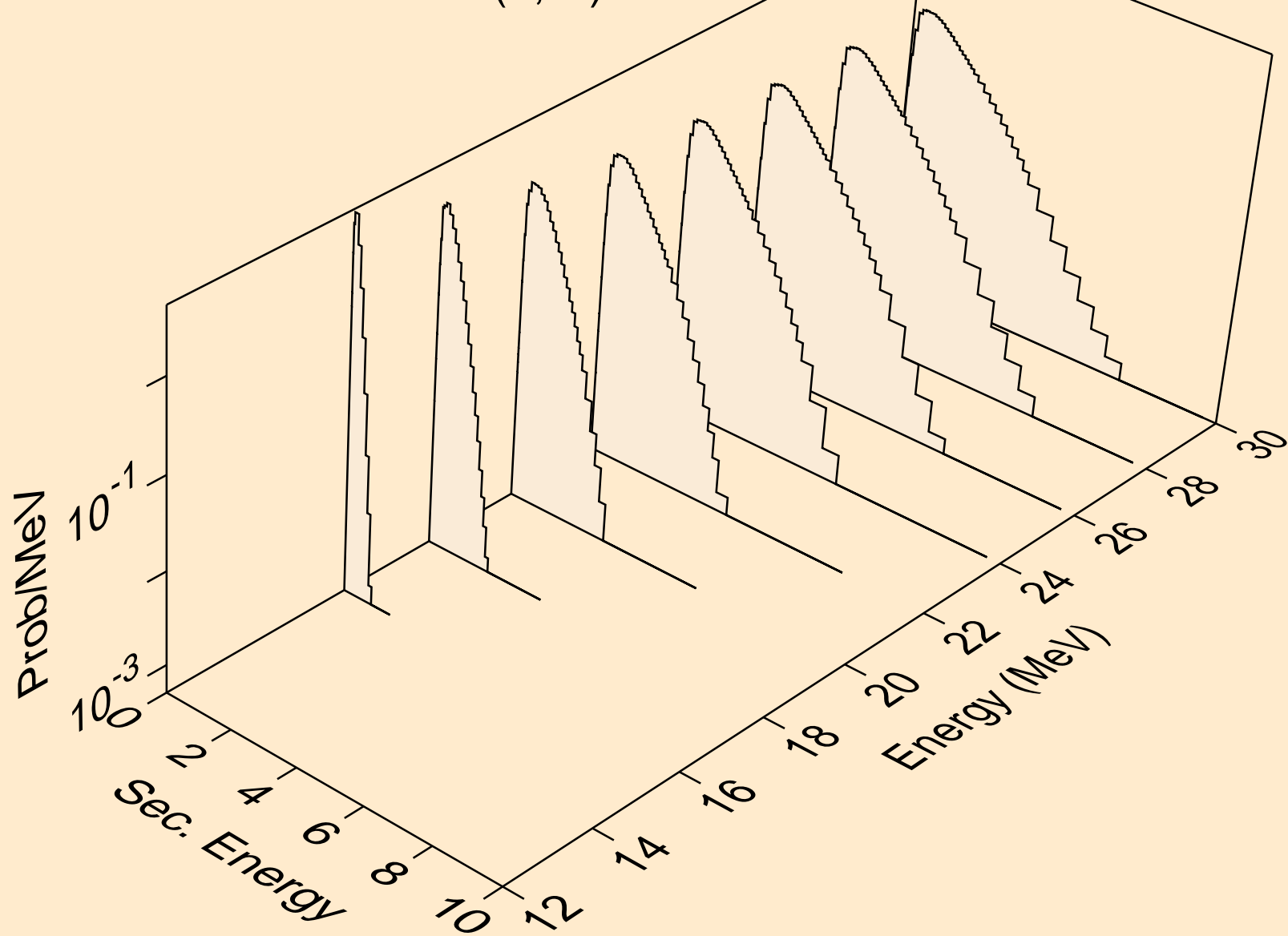




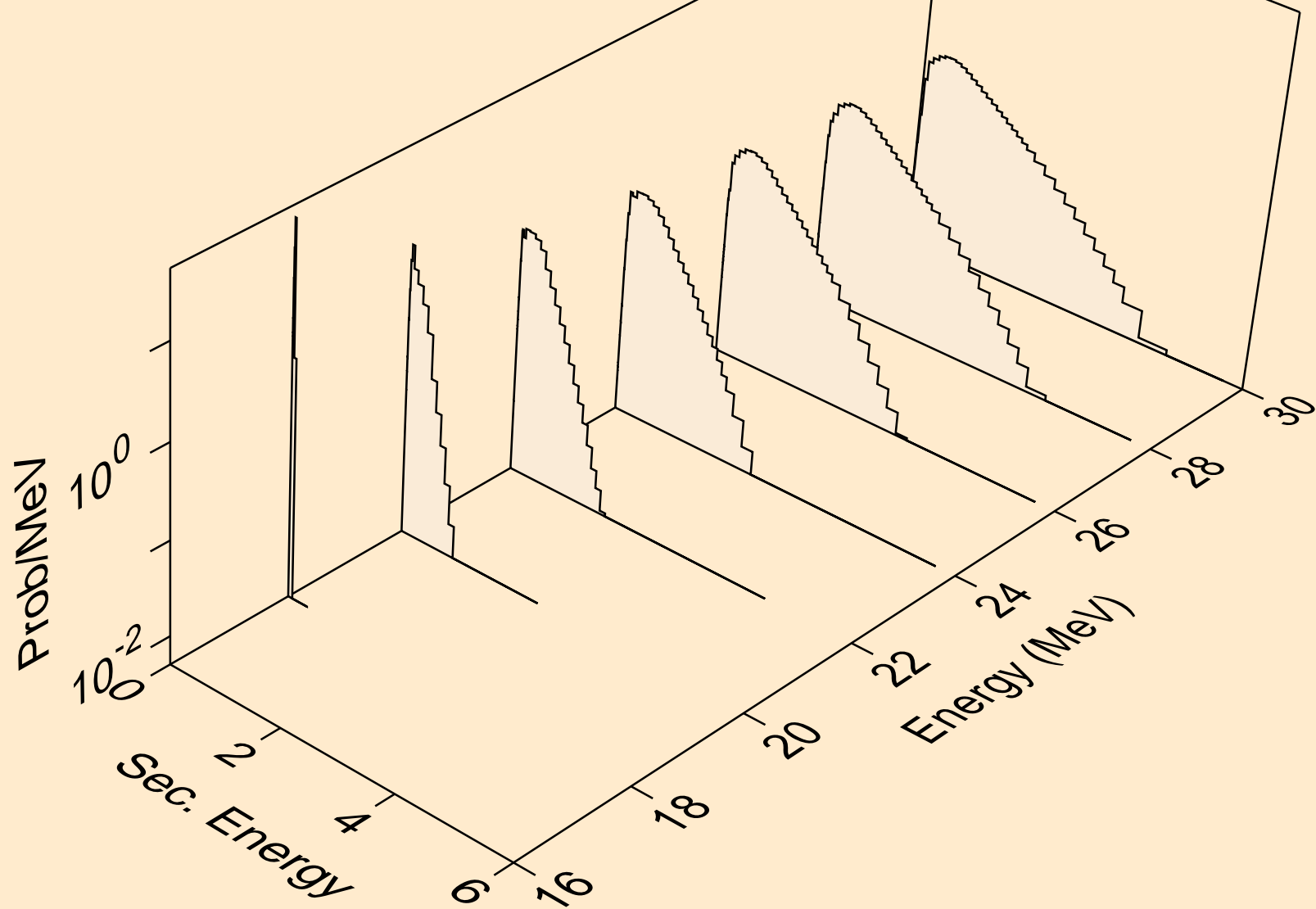
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Neutron emission for (n,n\*)2a



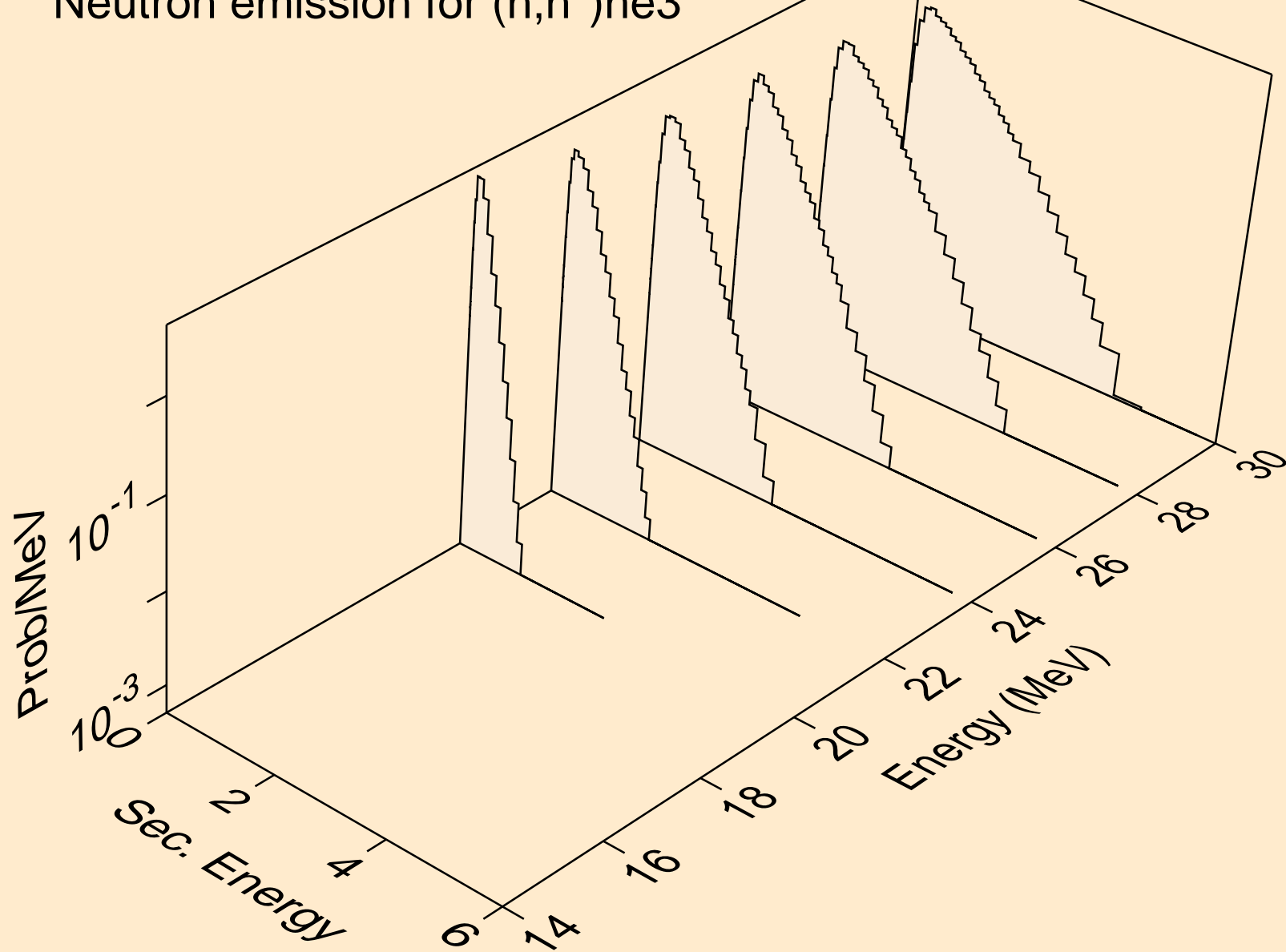
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Neutron emission for (n,n\*)d



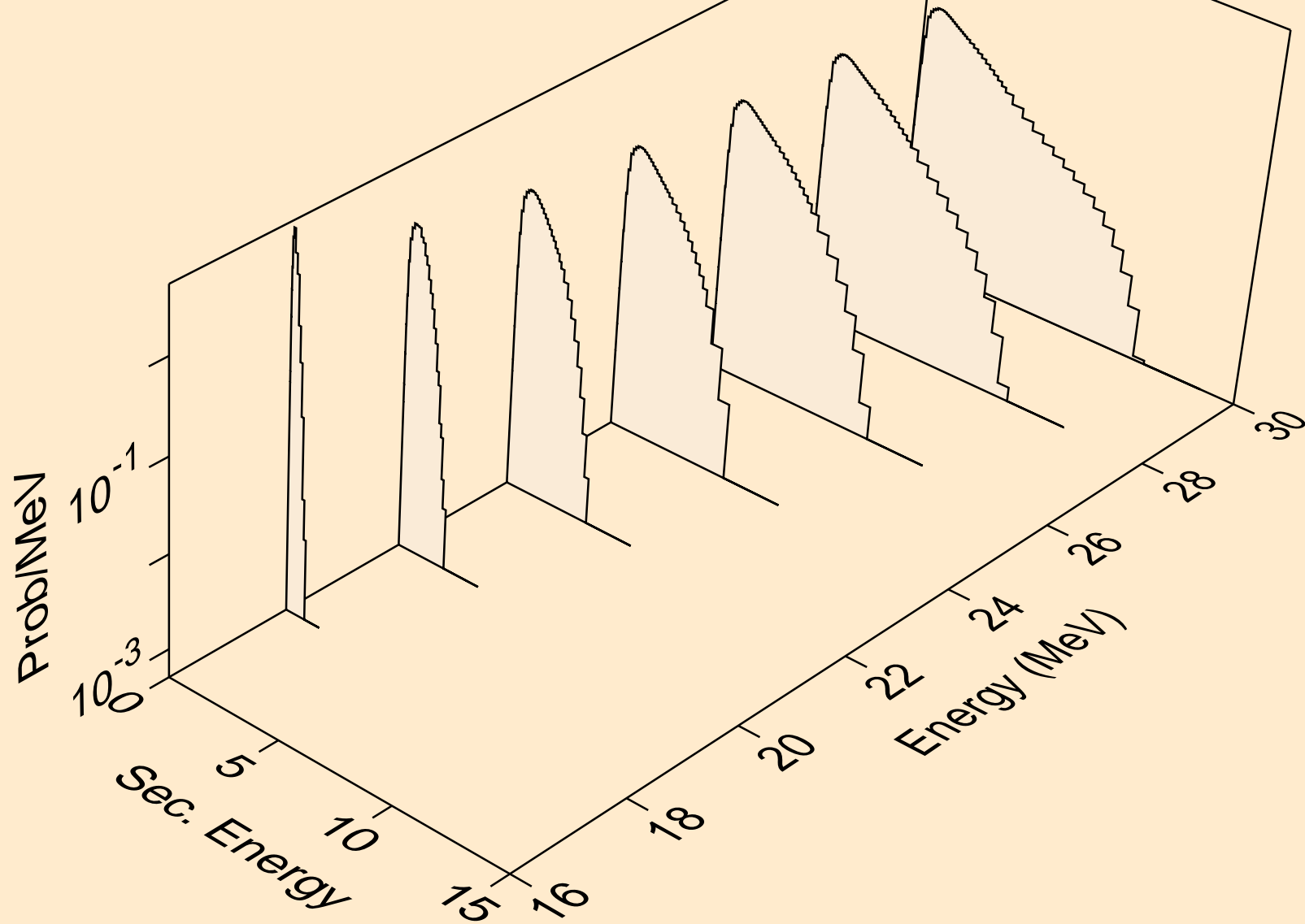
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



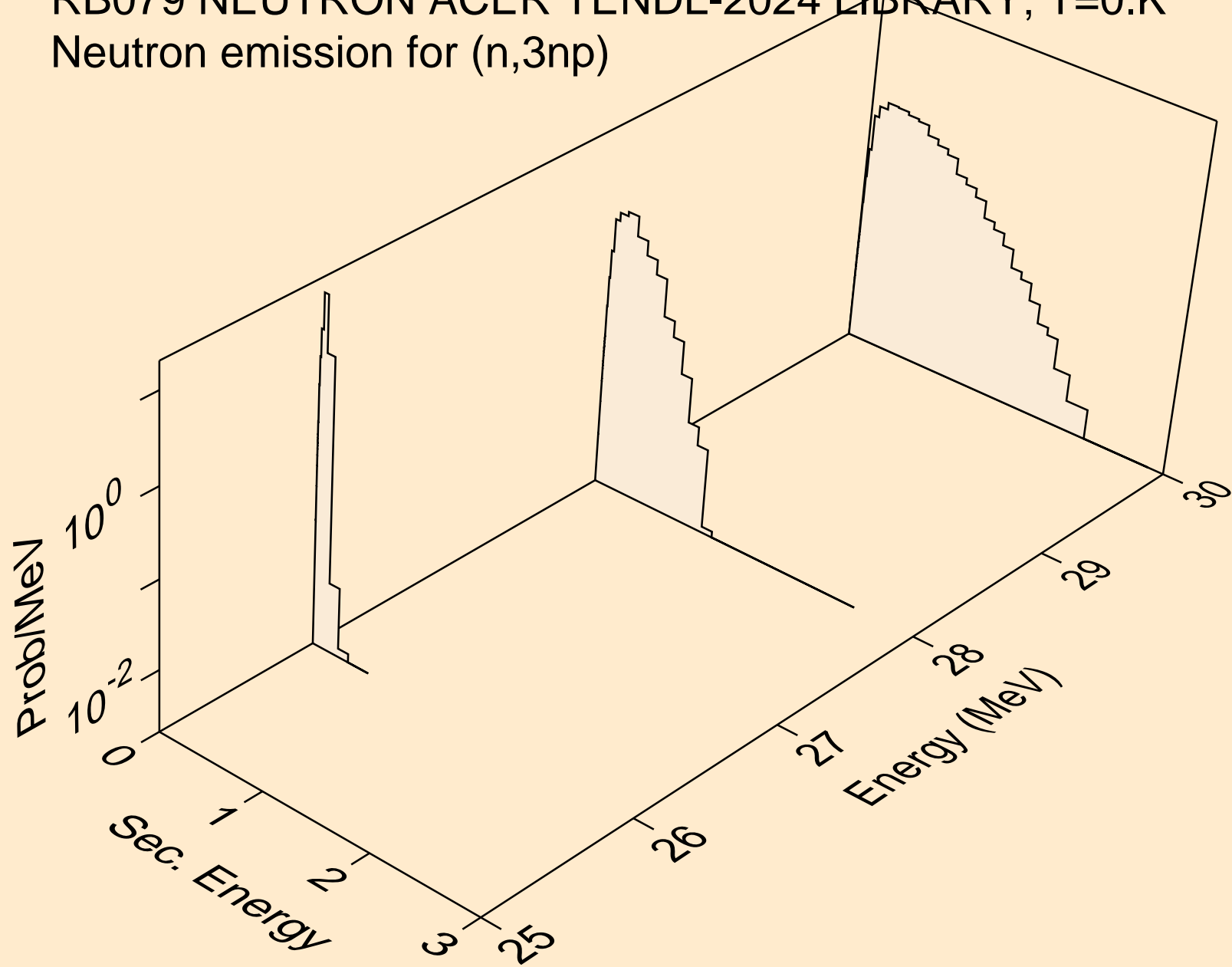
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



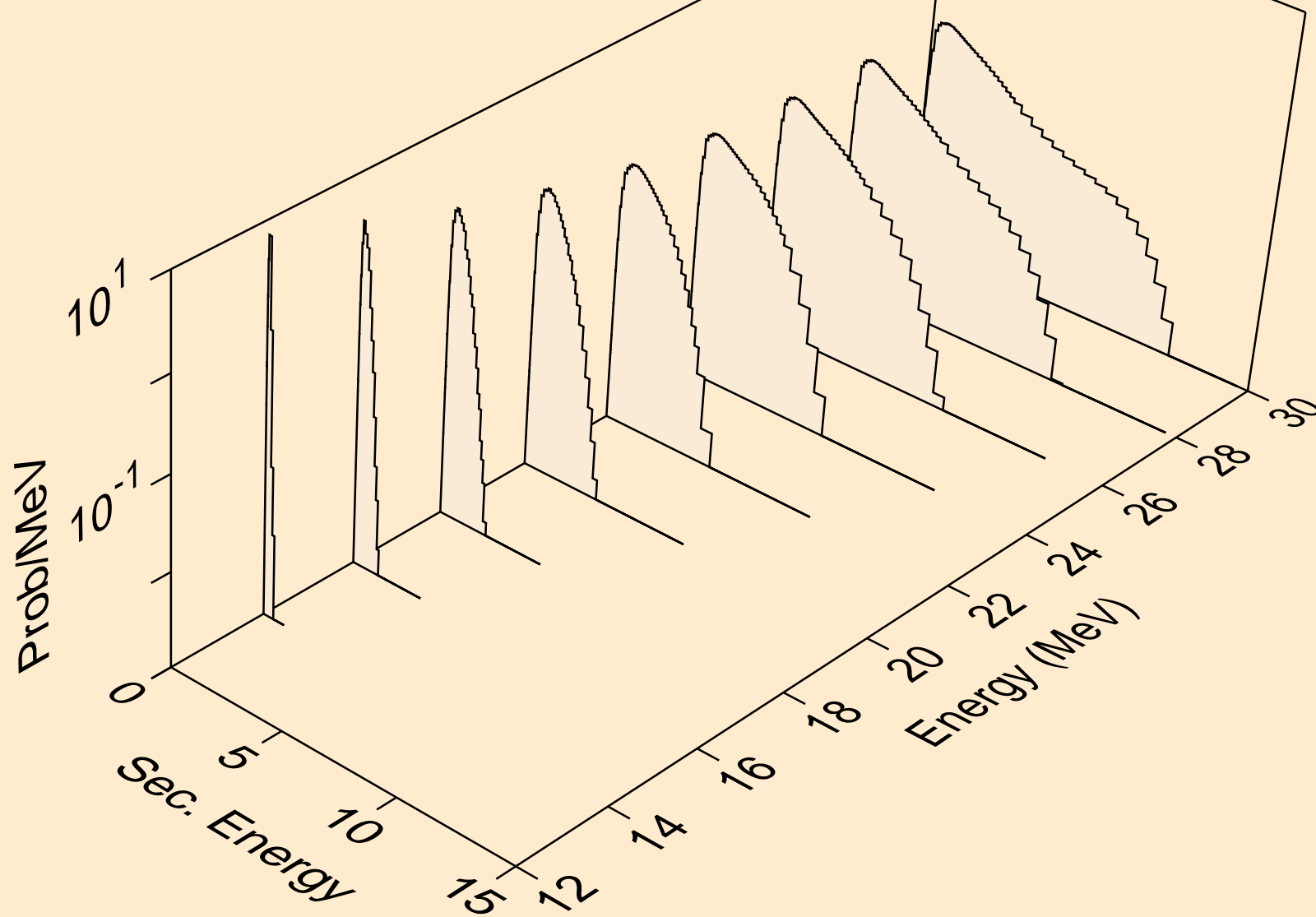
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



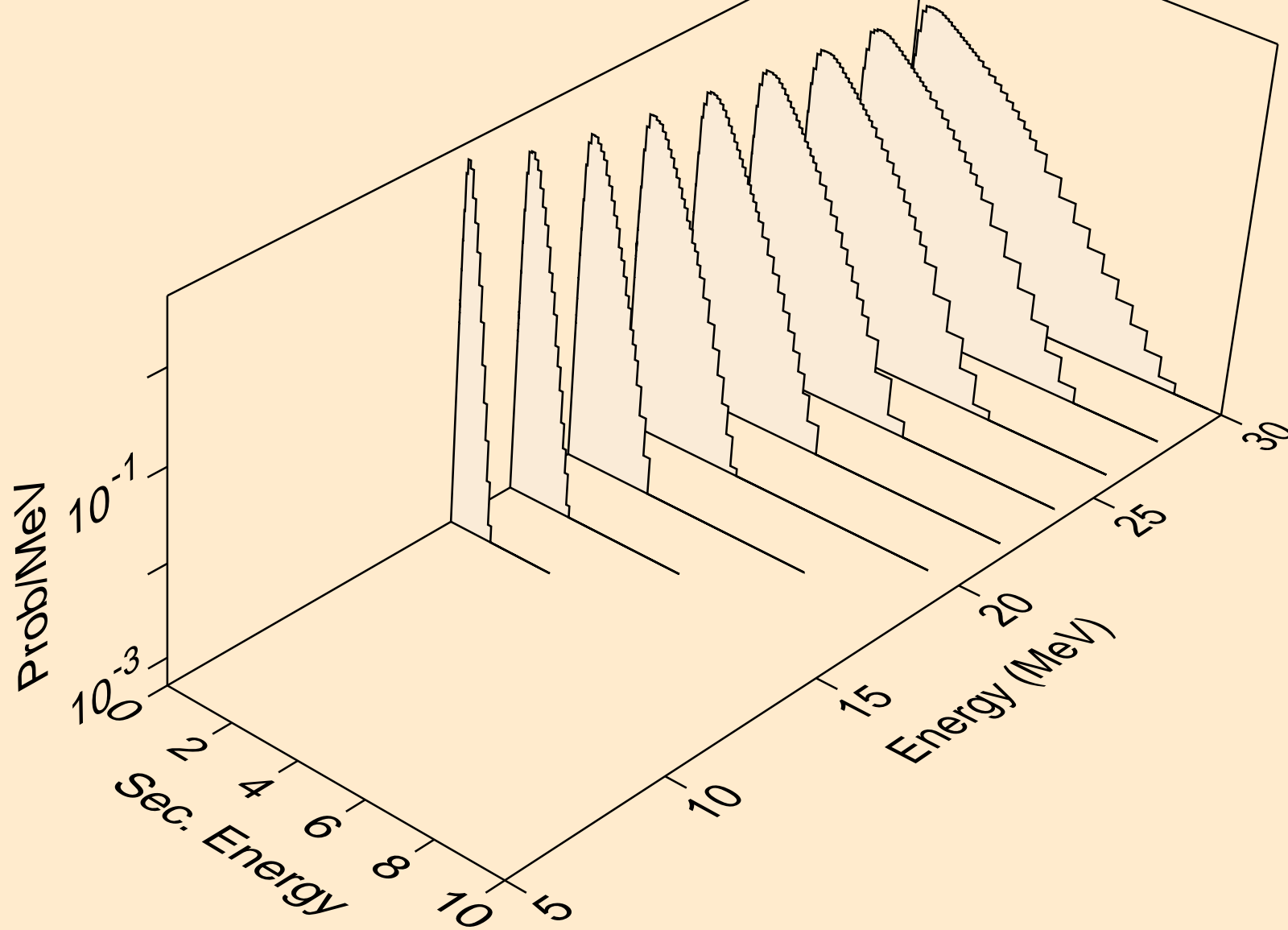
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

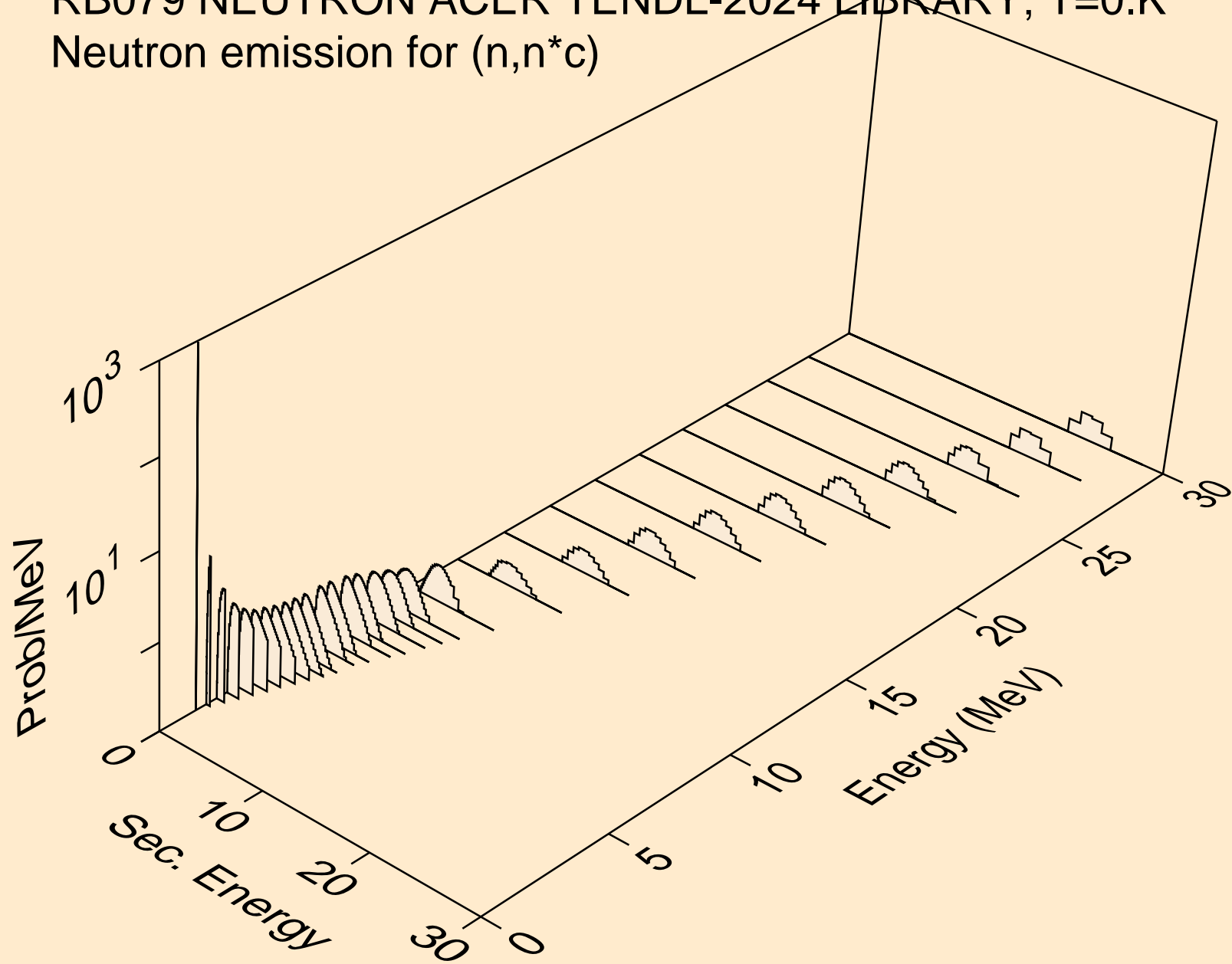


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

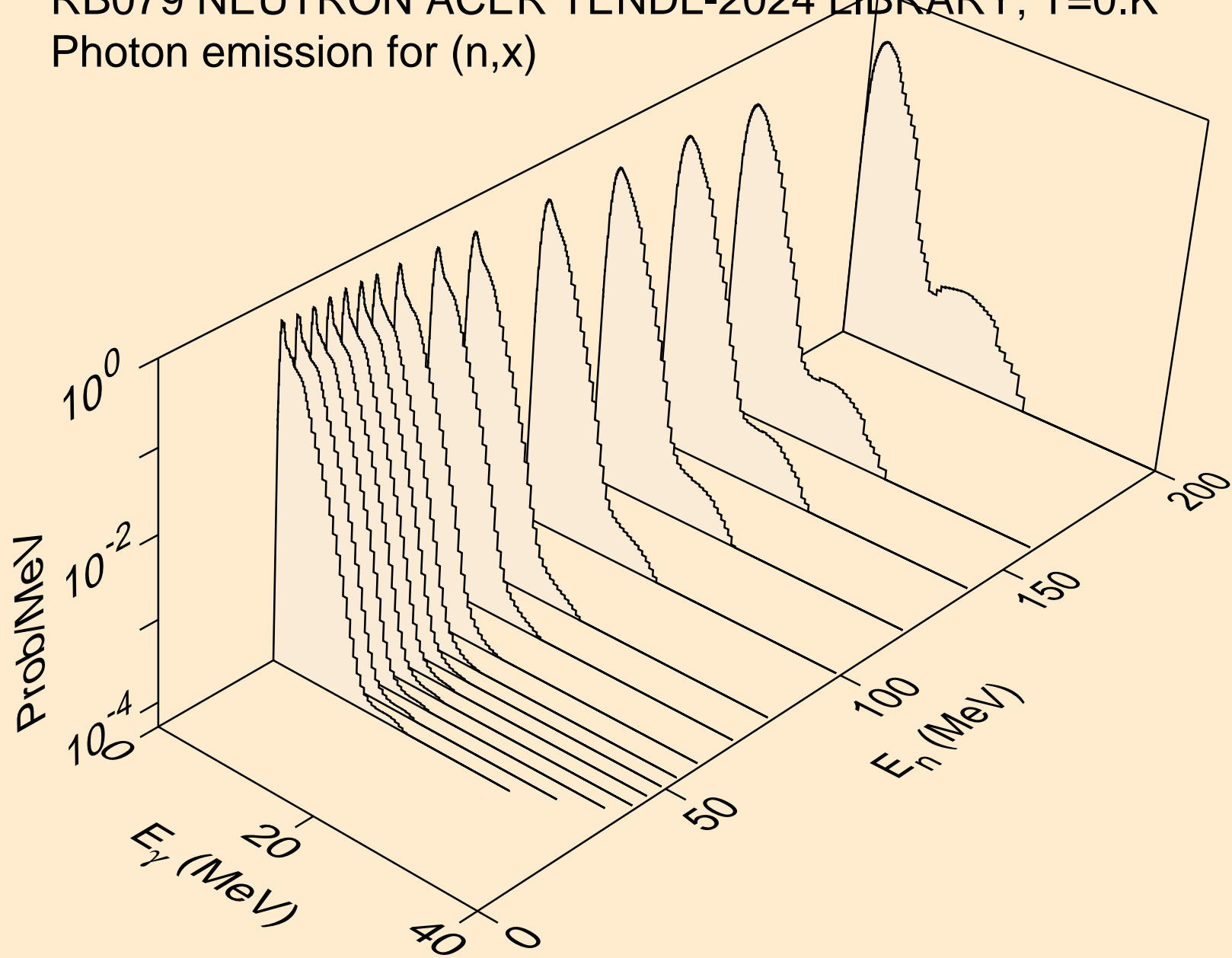




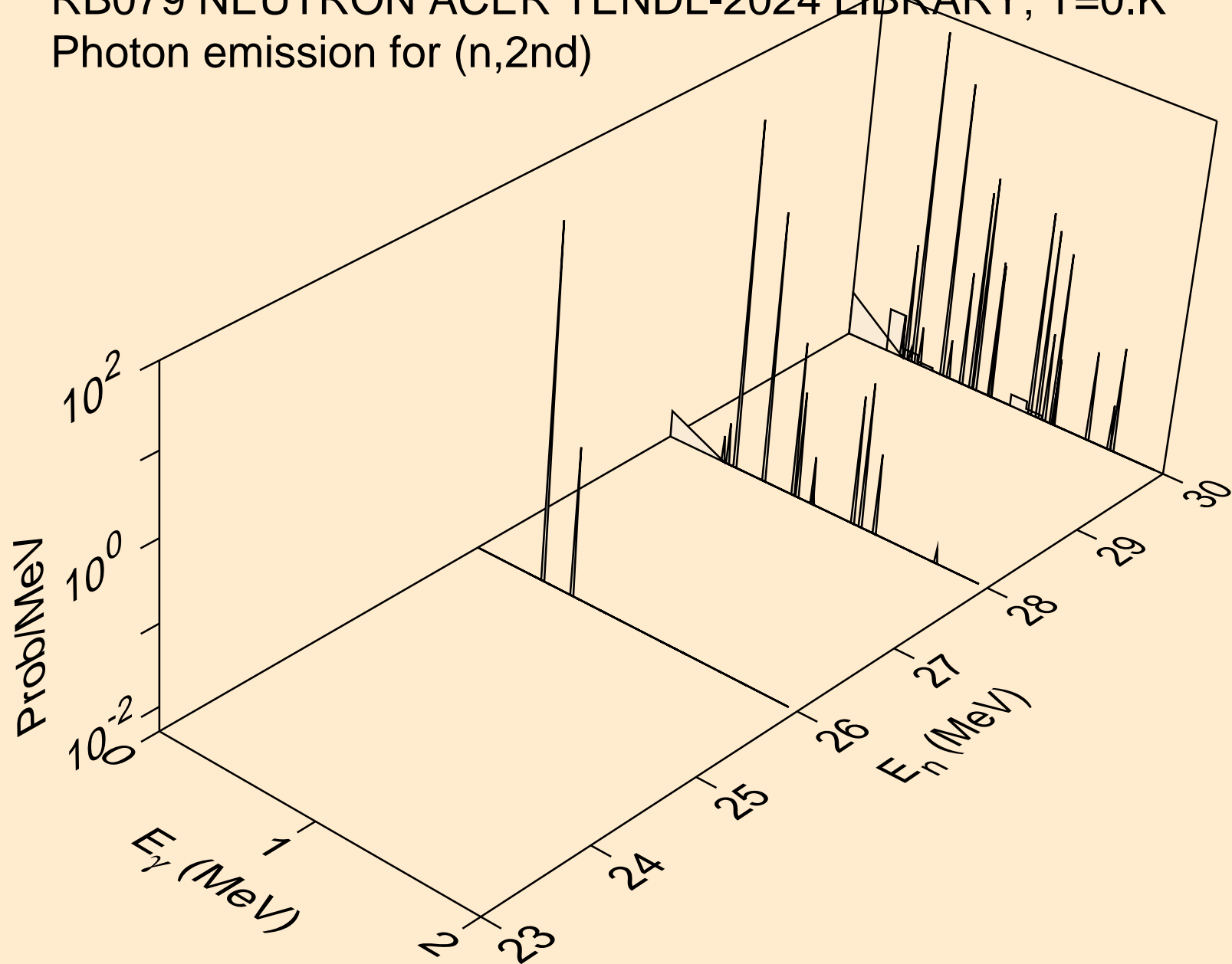
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



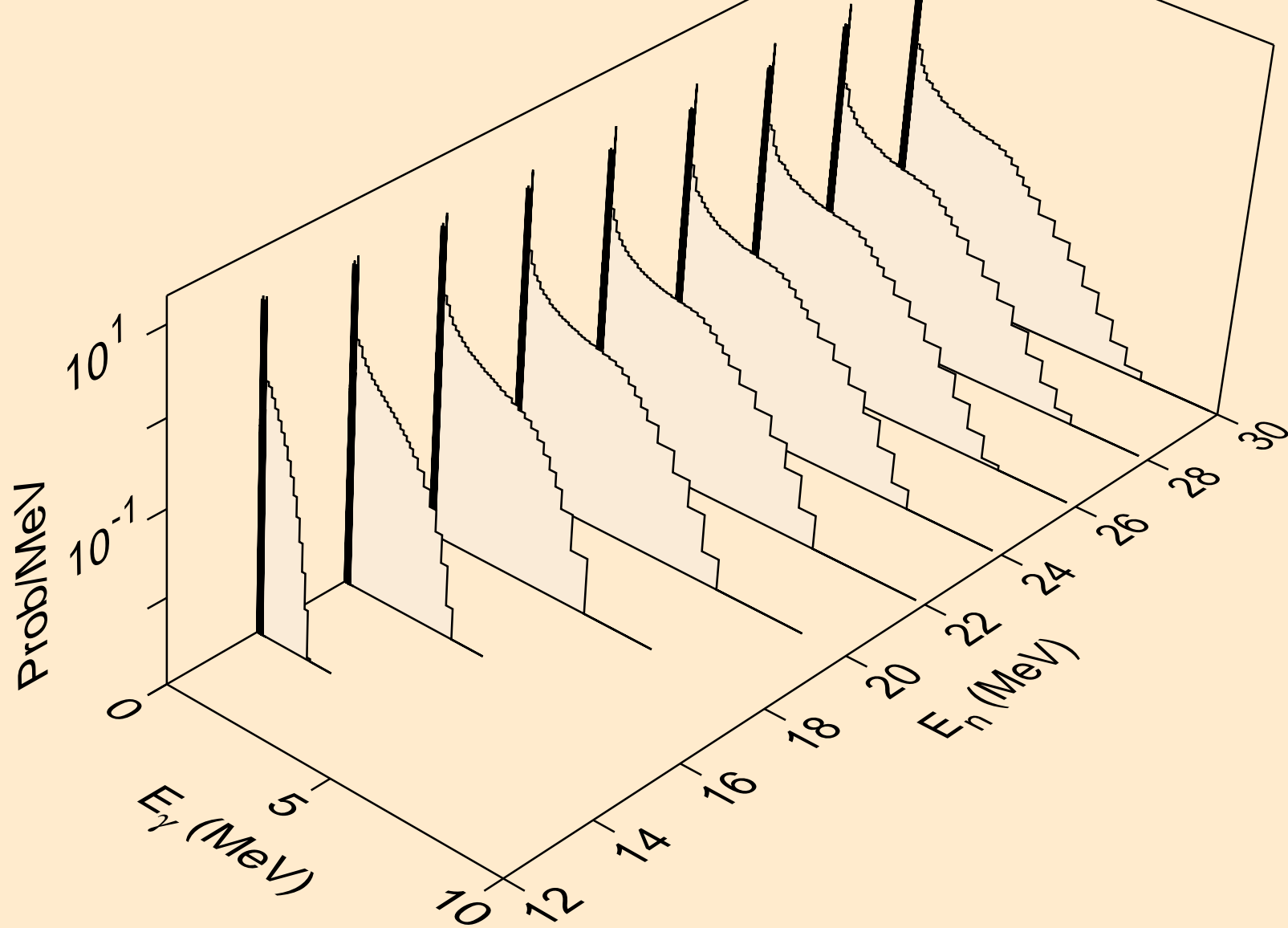
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



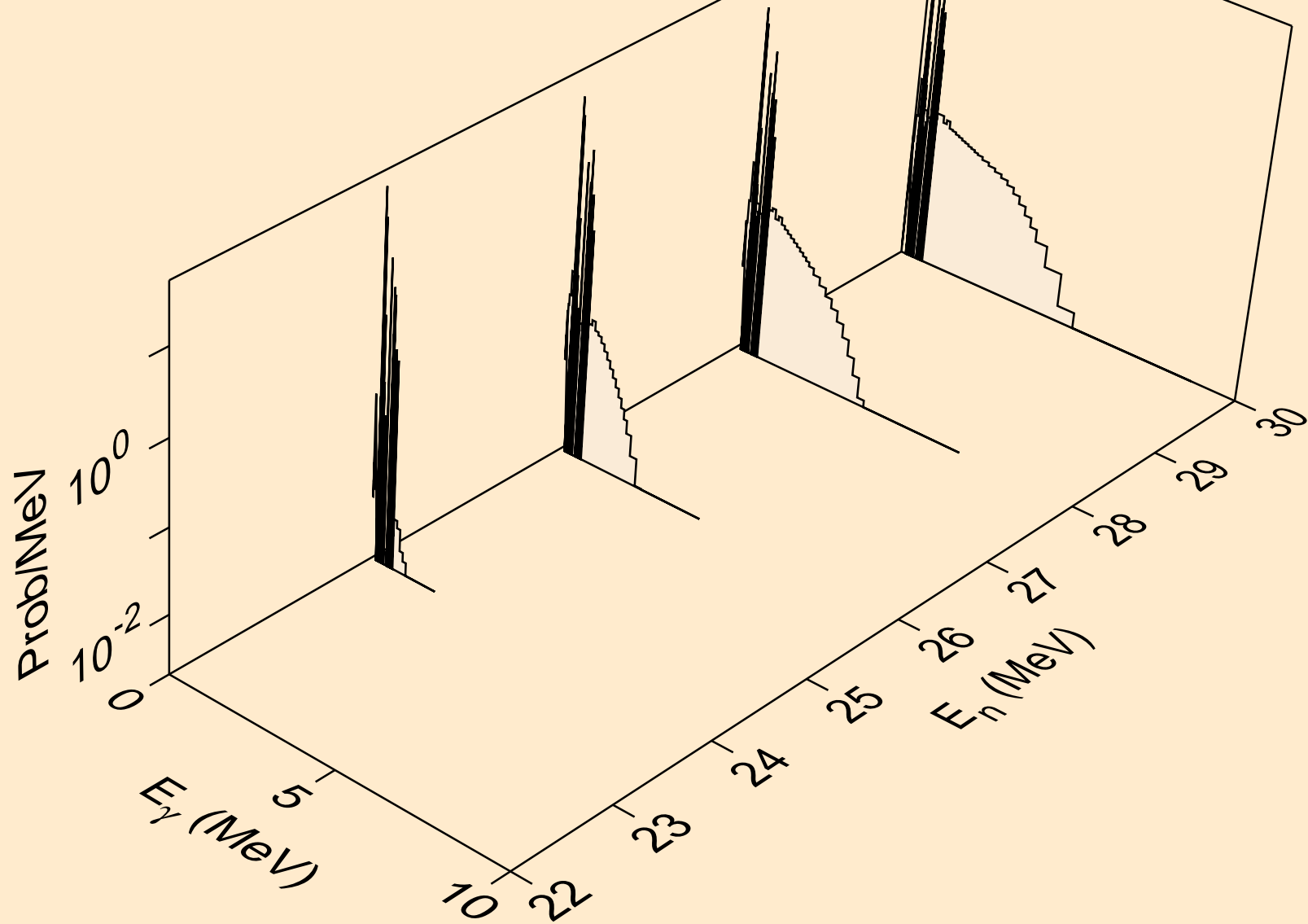
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



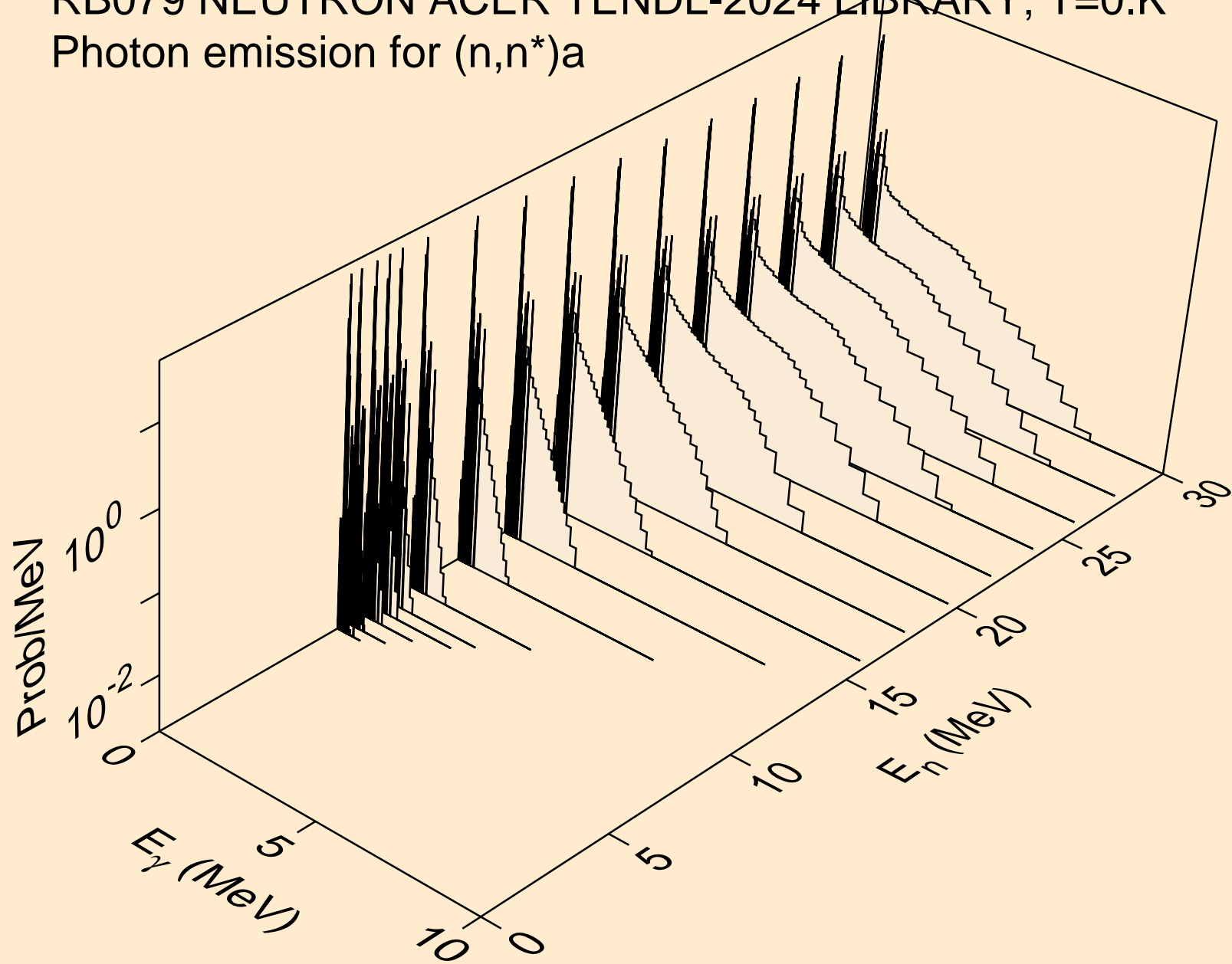
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Photon emission for (n,2n)



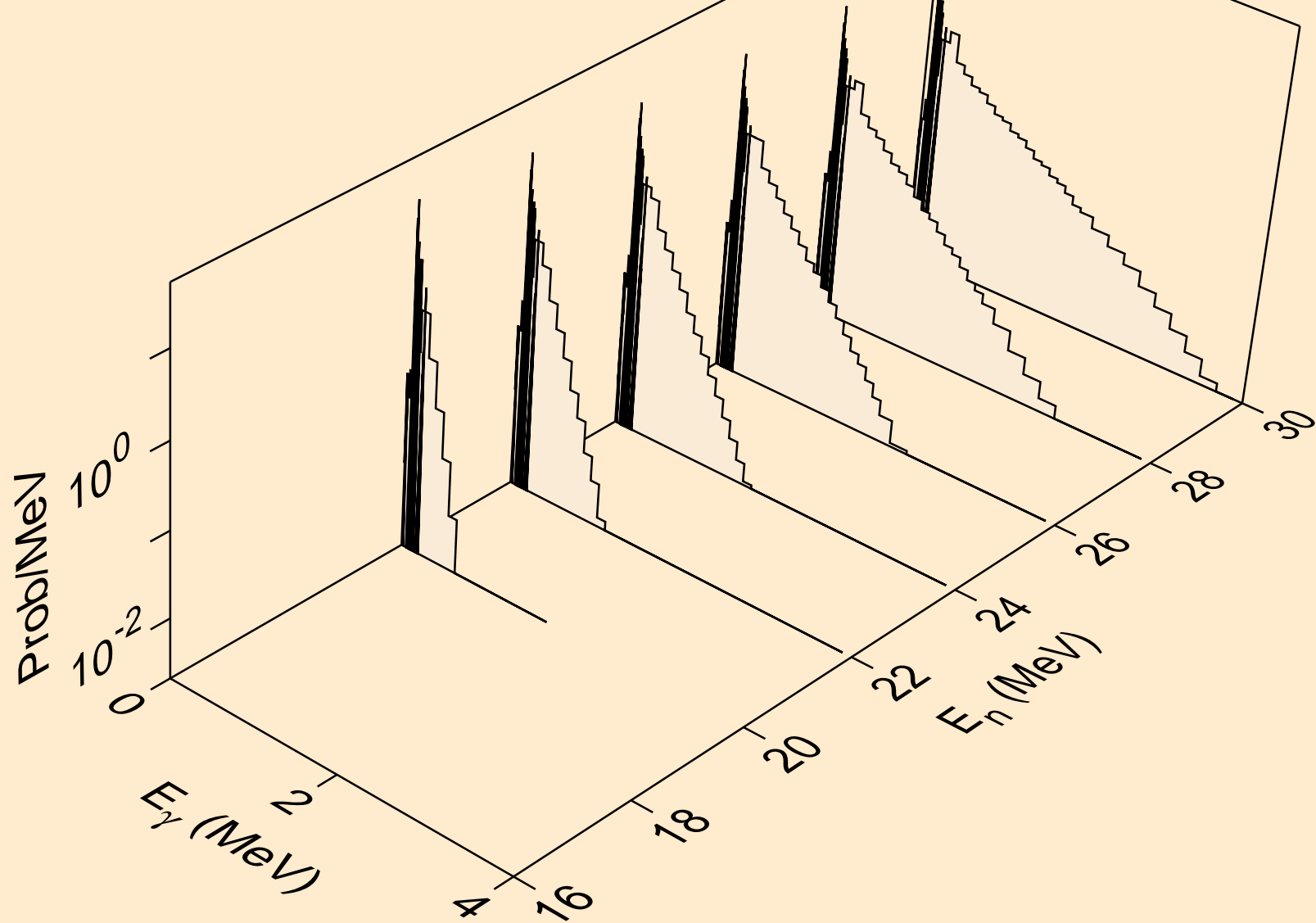
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



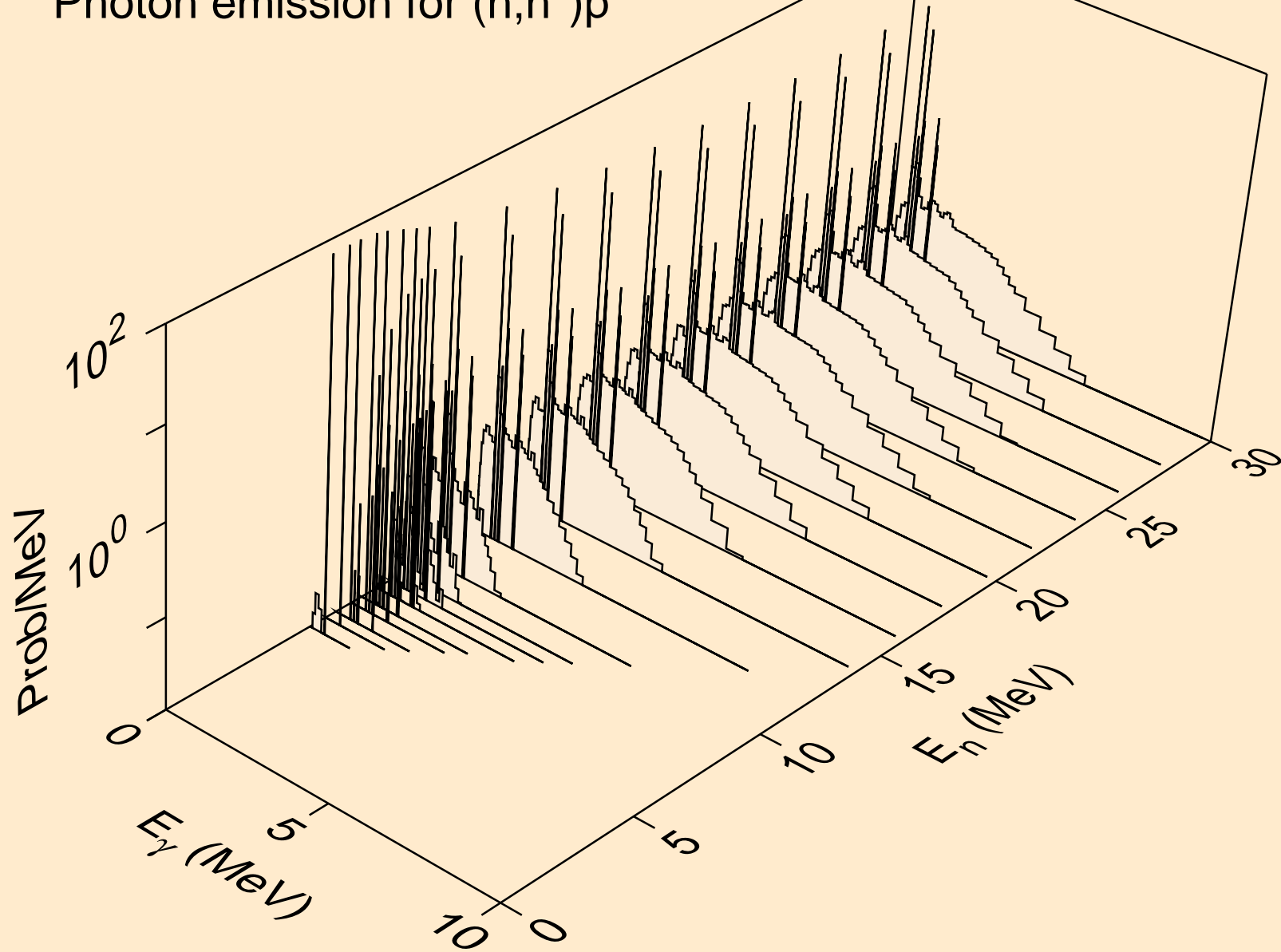
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

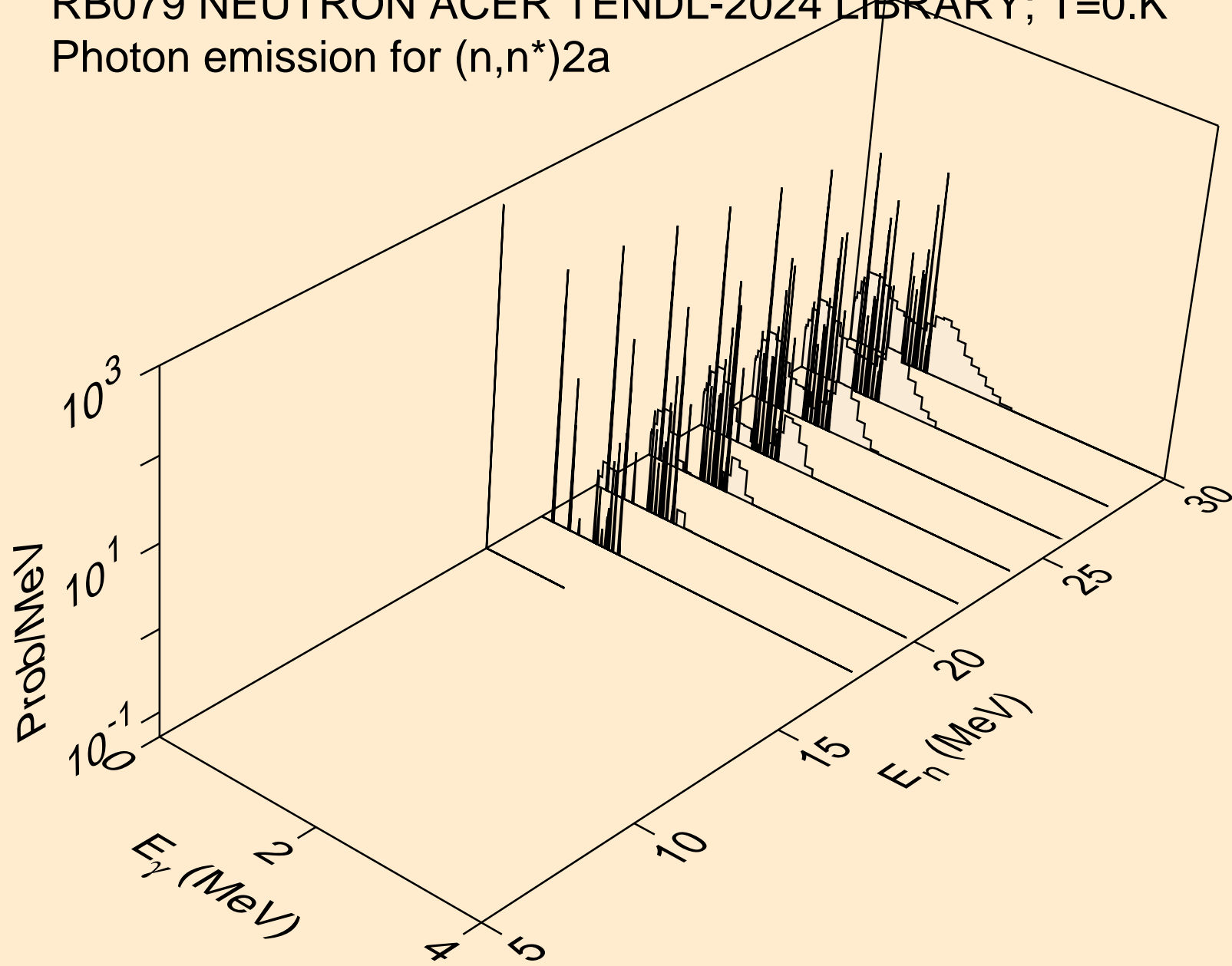


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

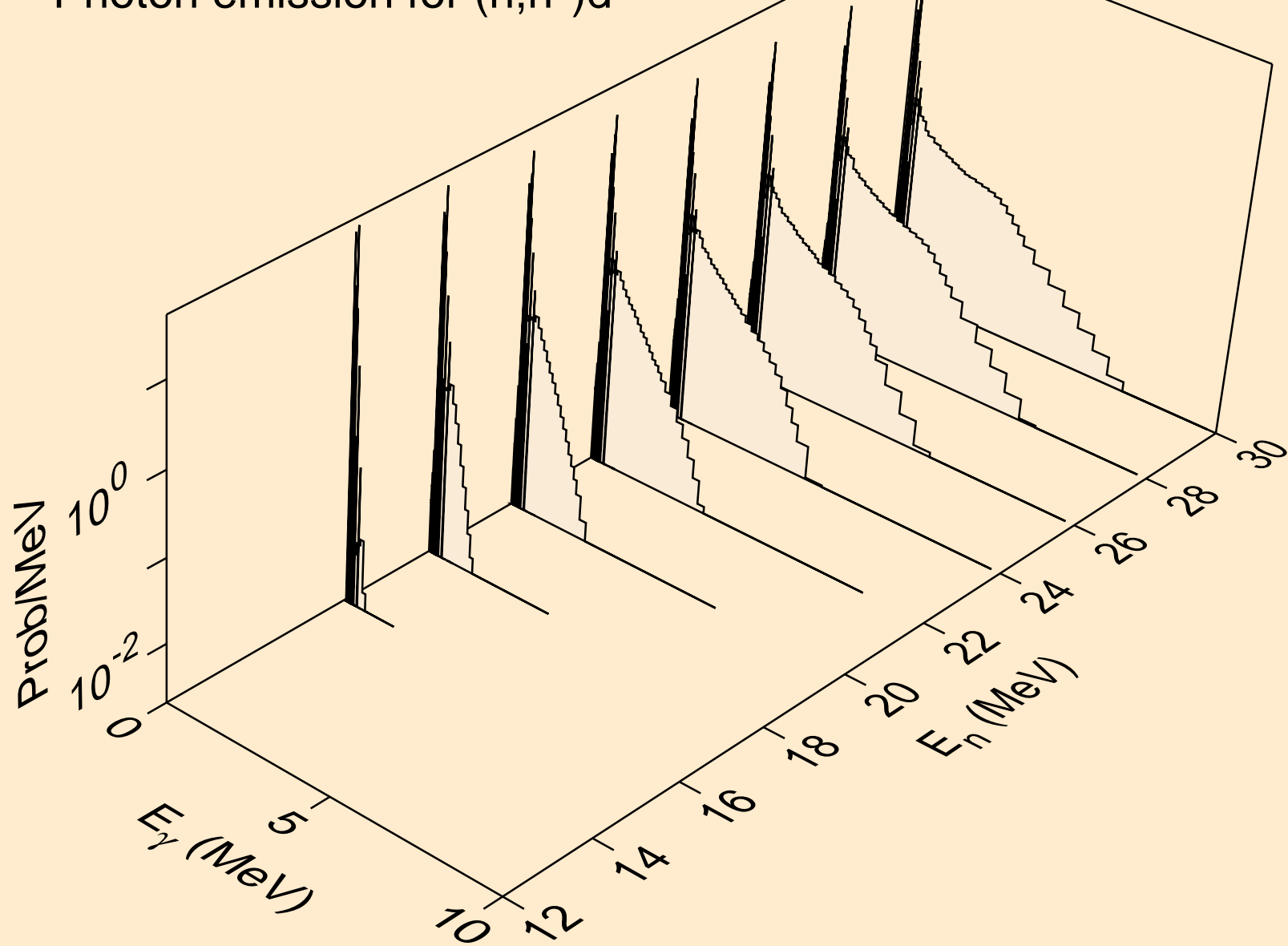




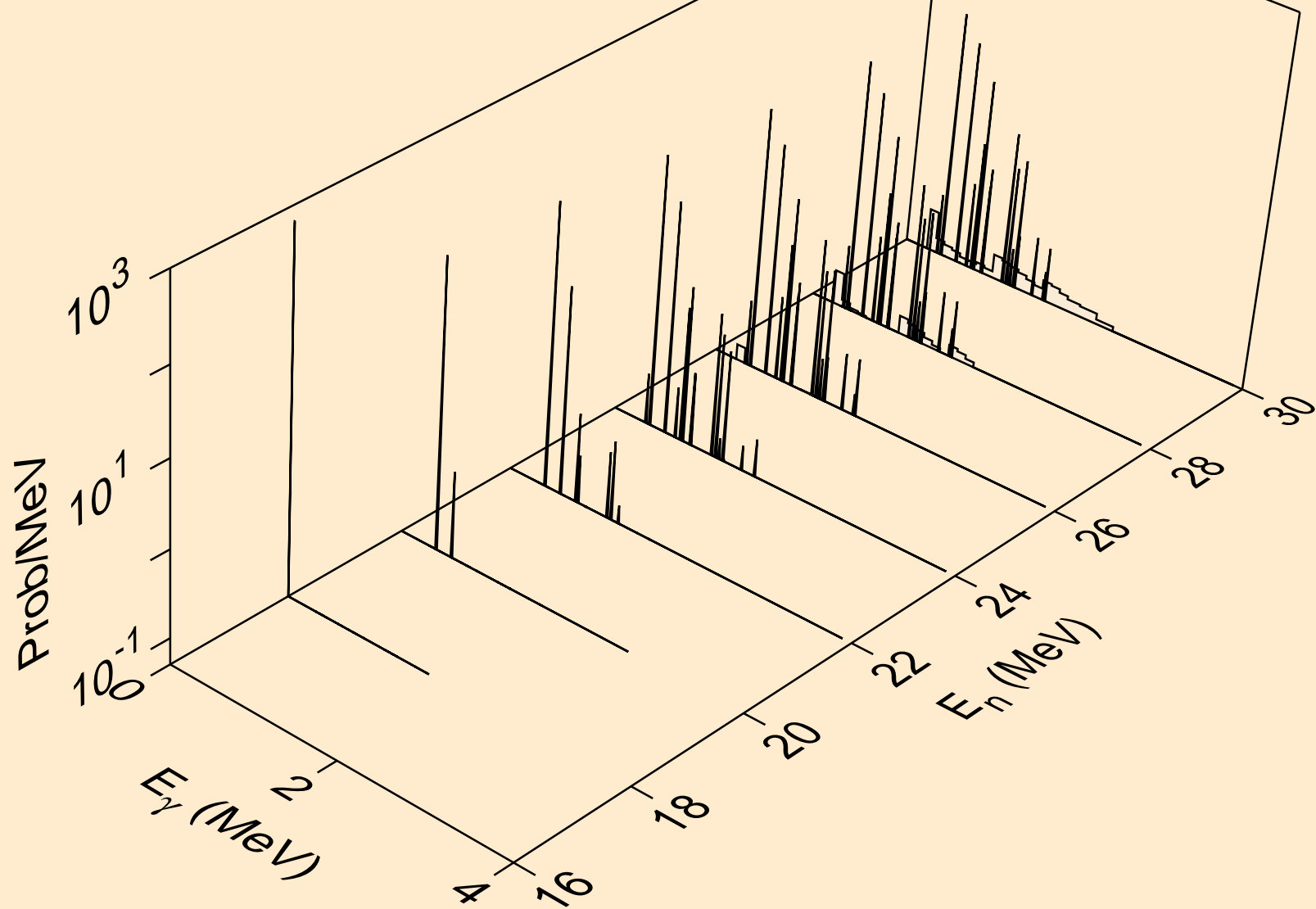
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



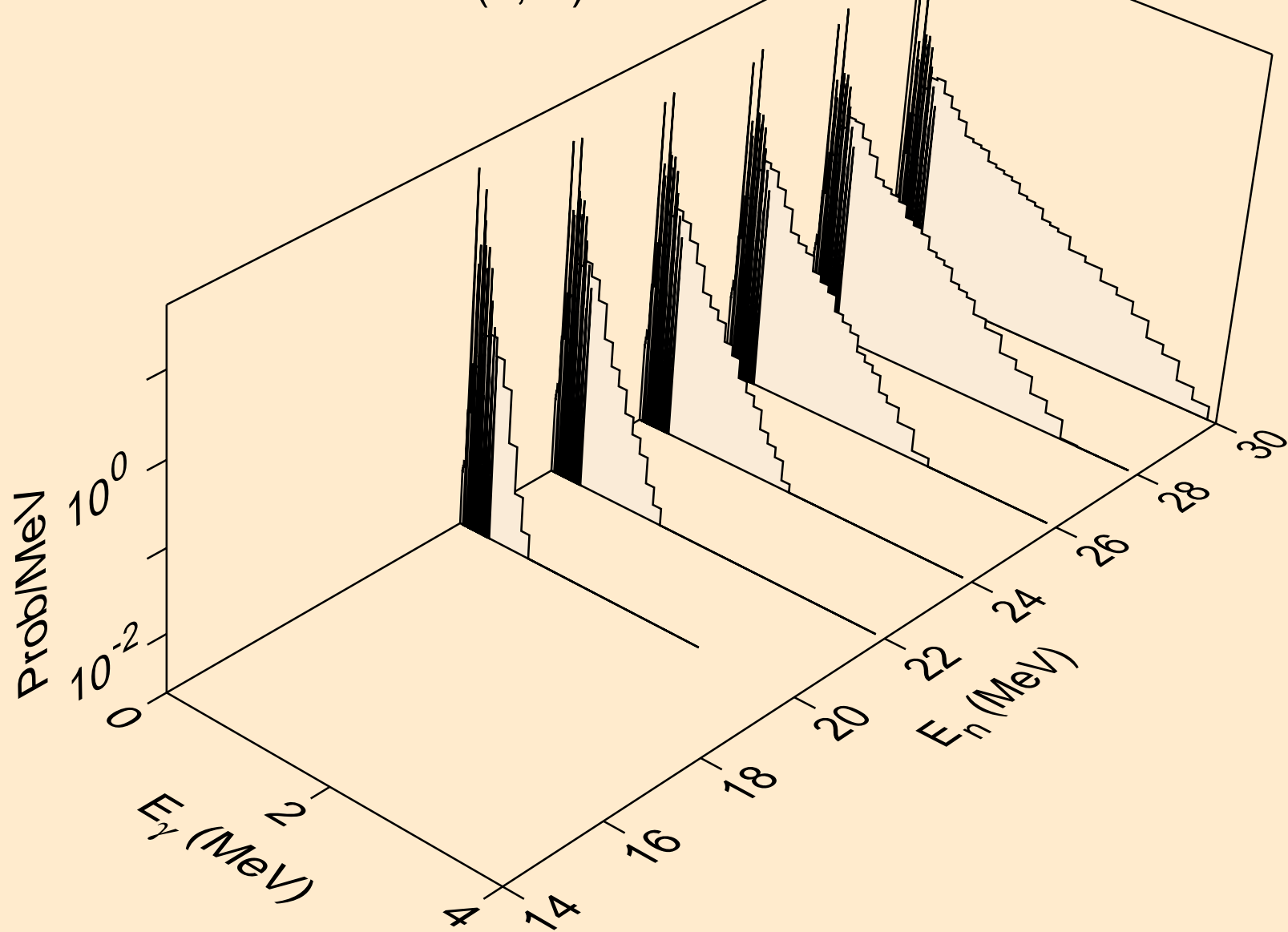
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Photon emission for (n,n\*)d



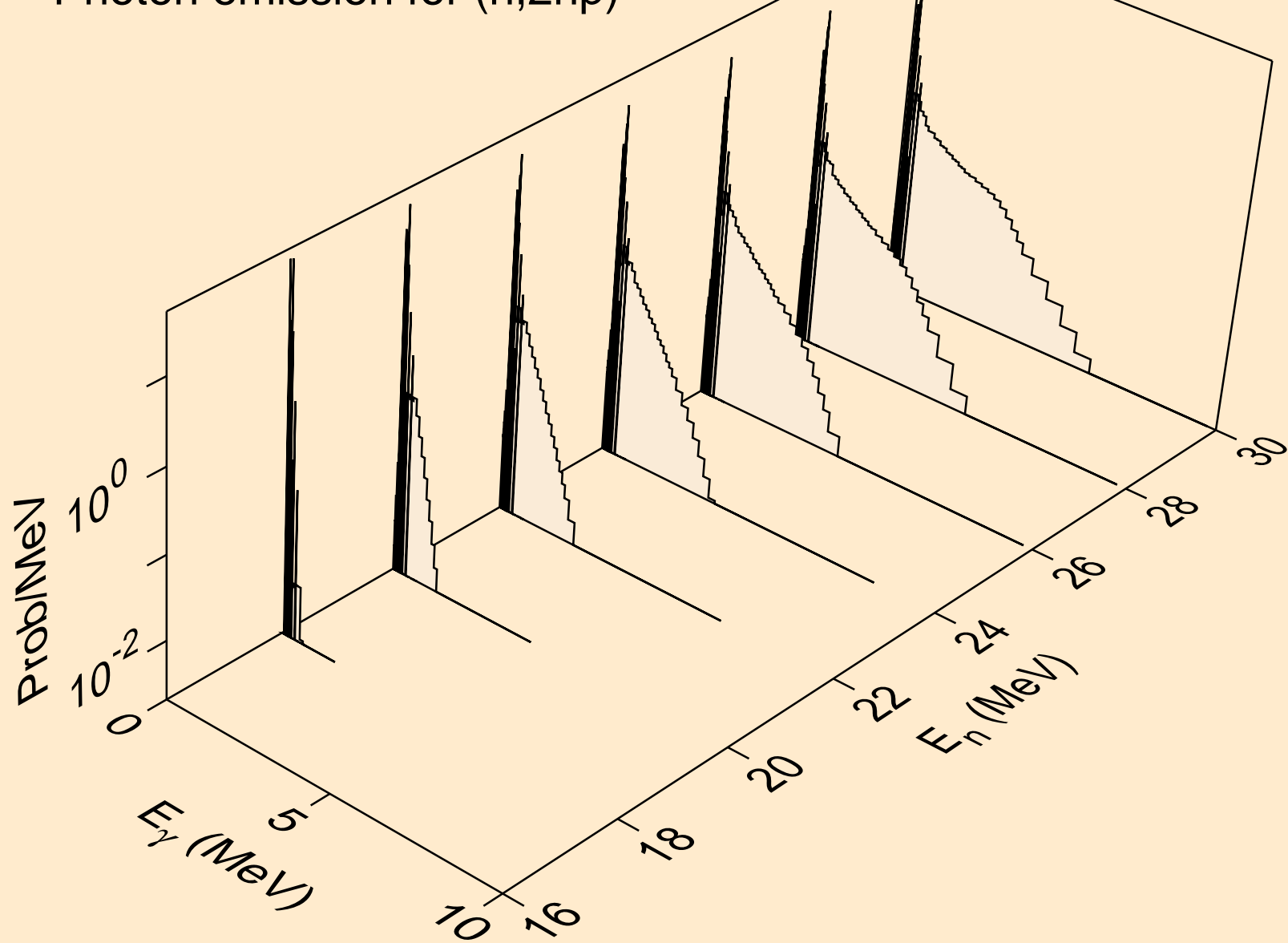
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



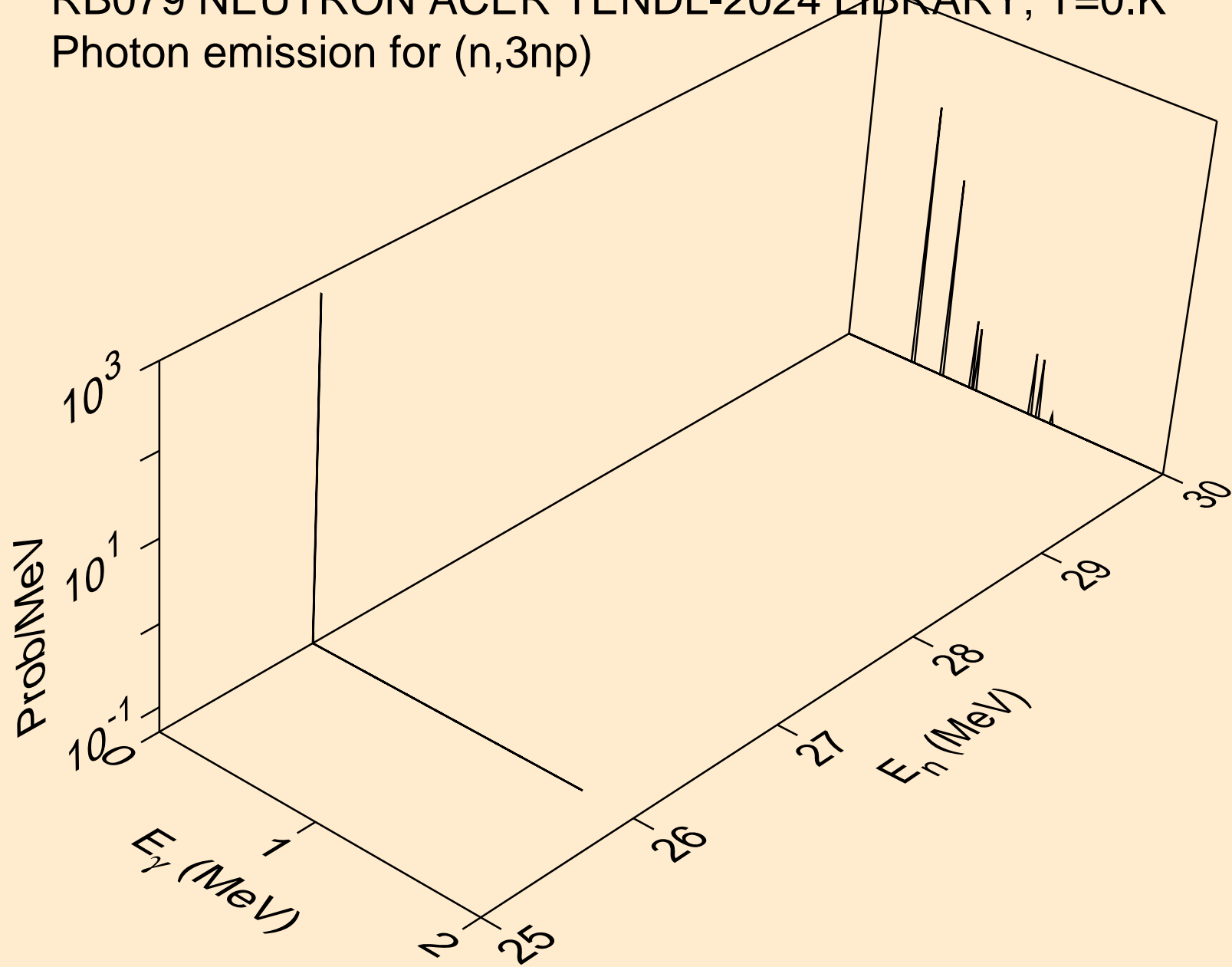
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



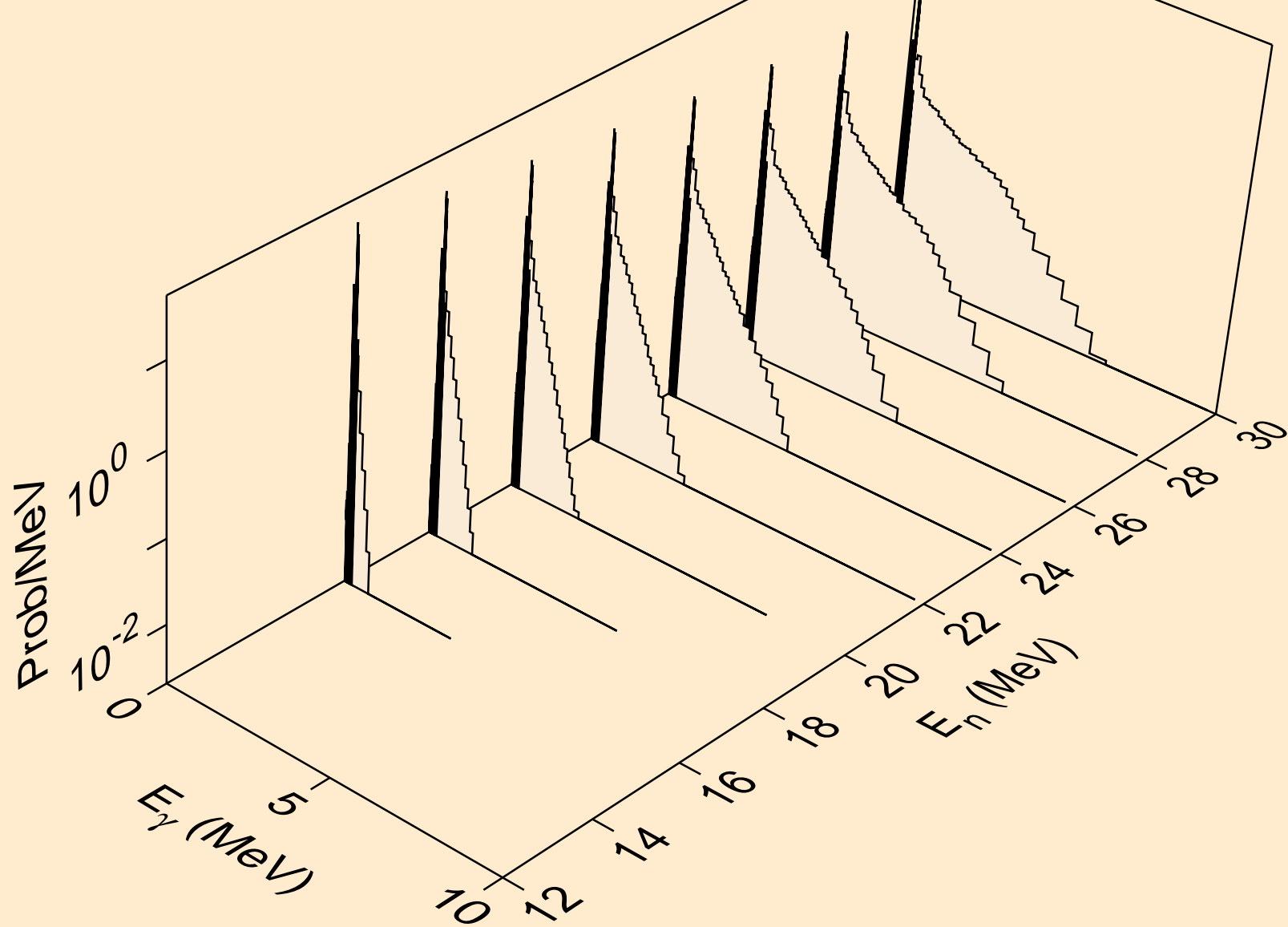
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



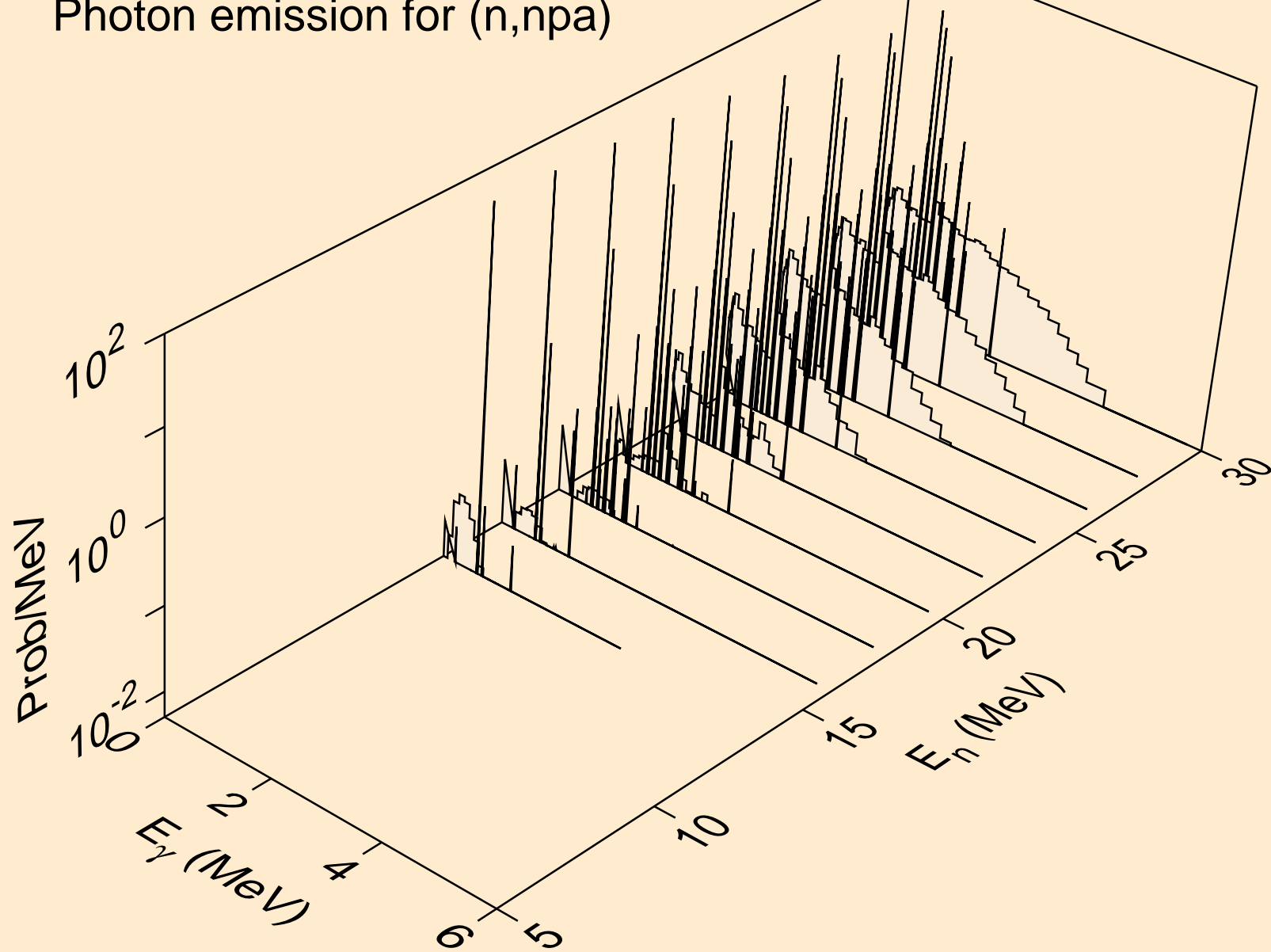
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

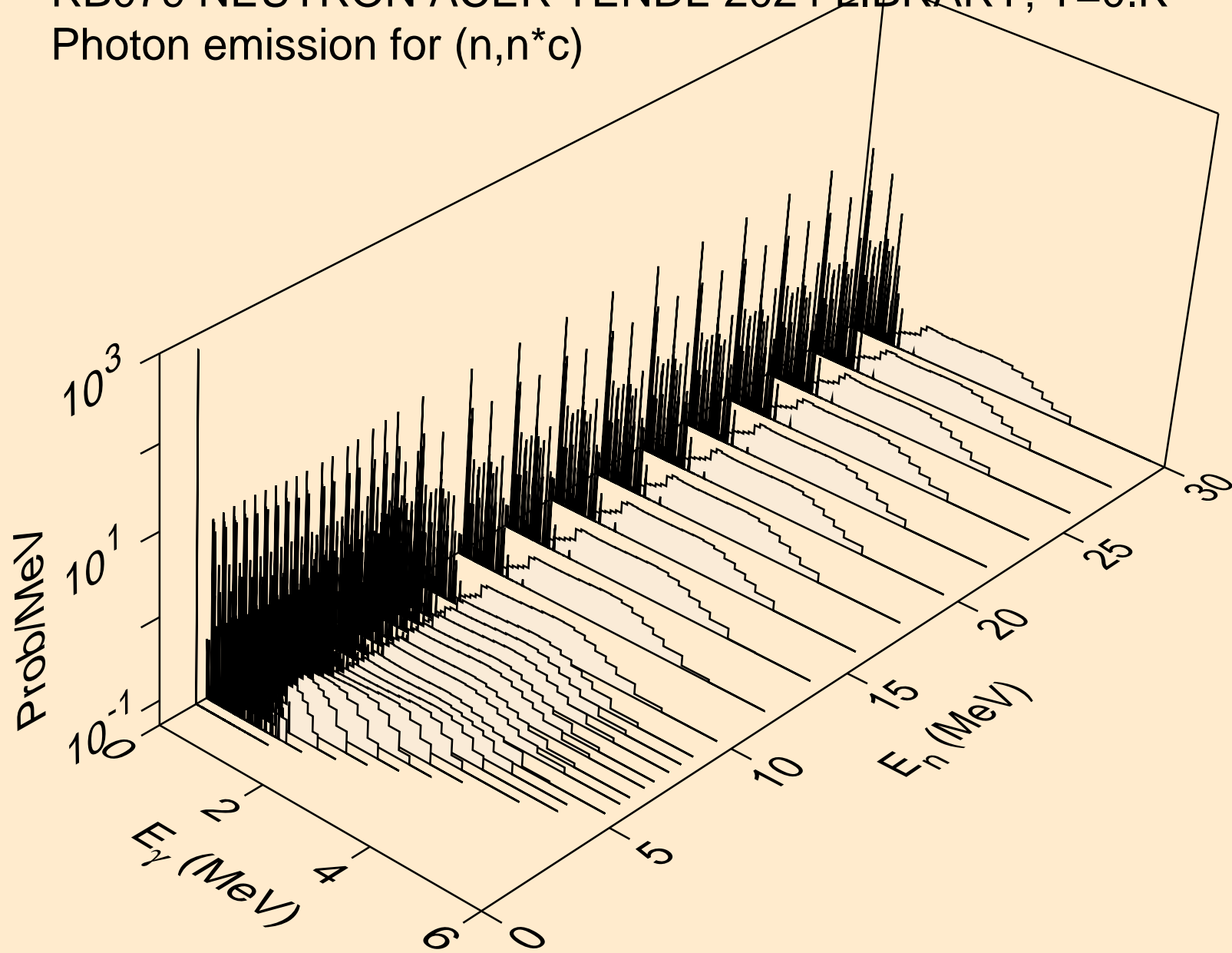


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

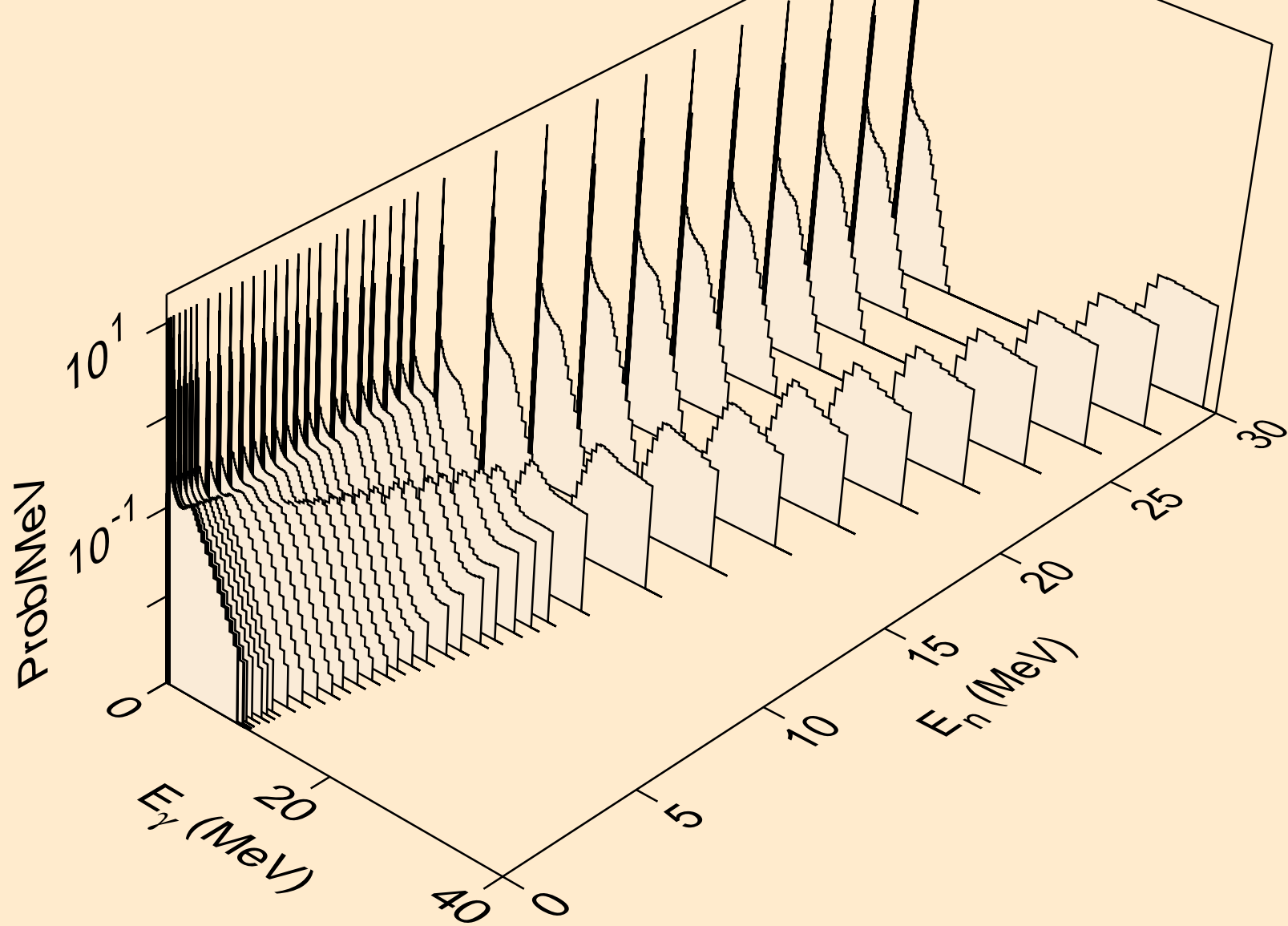




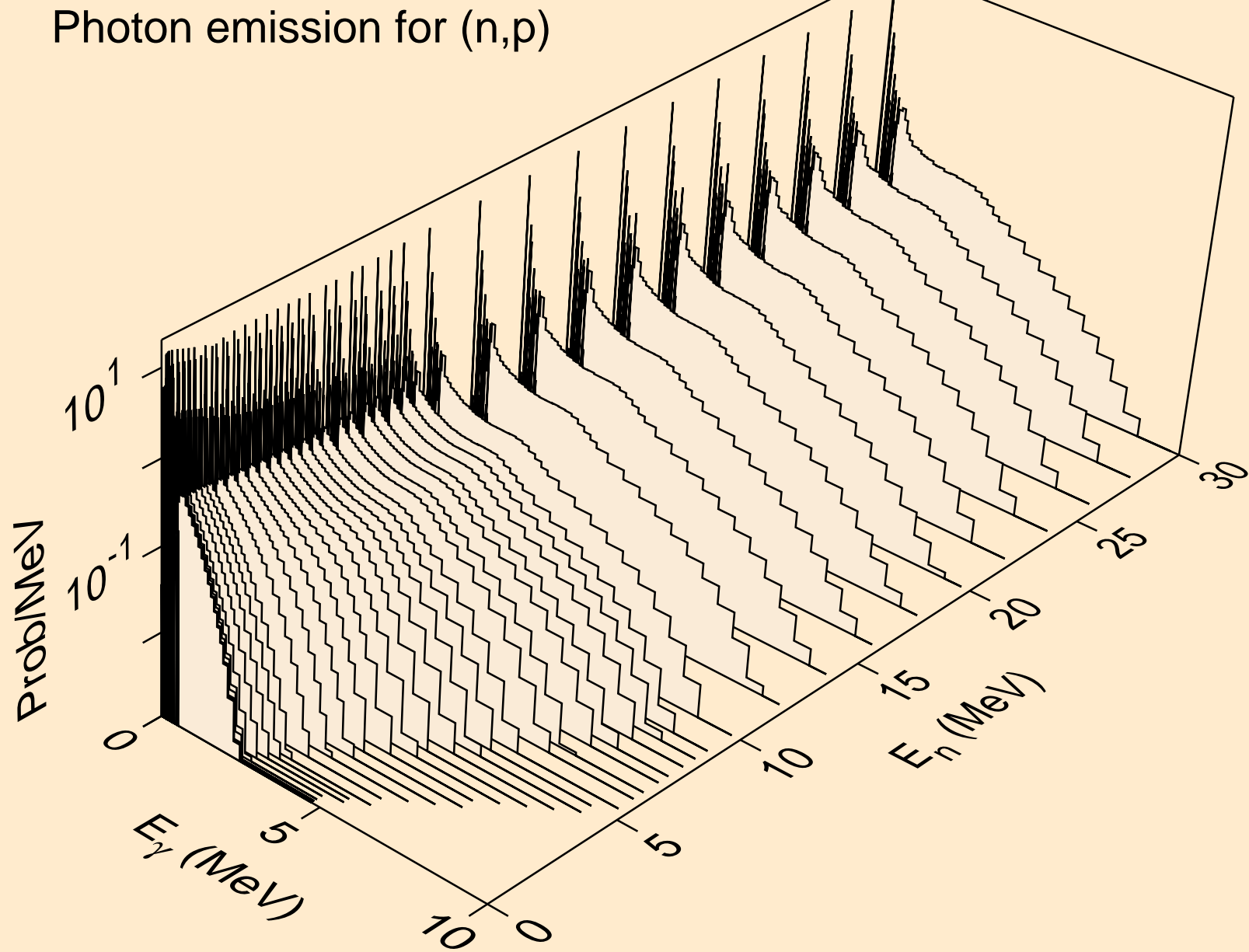
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Photon emission for (n,n\*c)



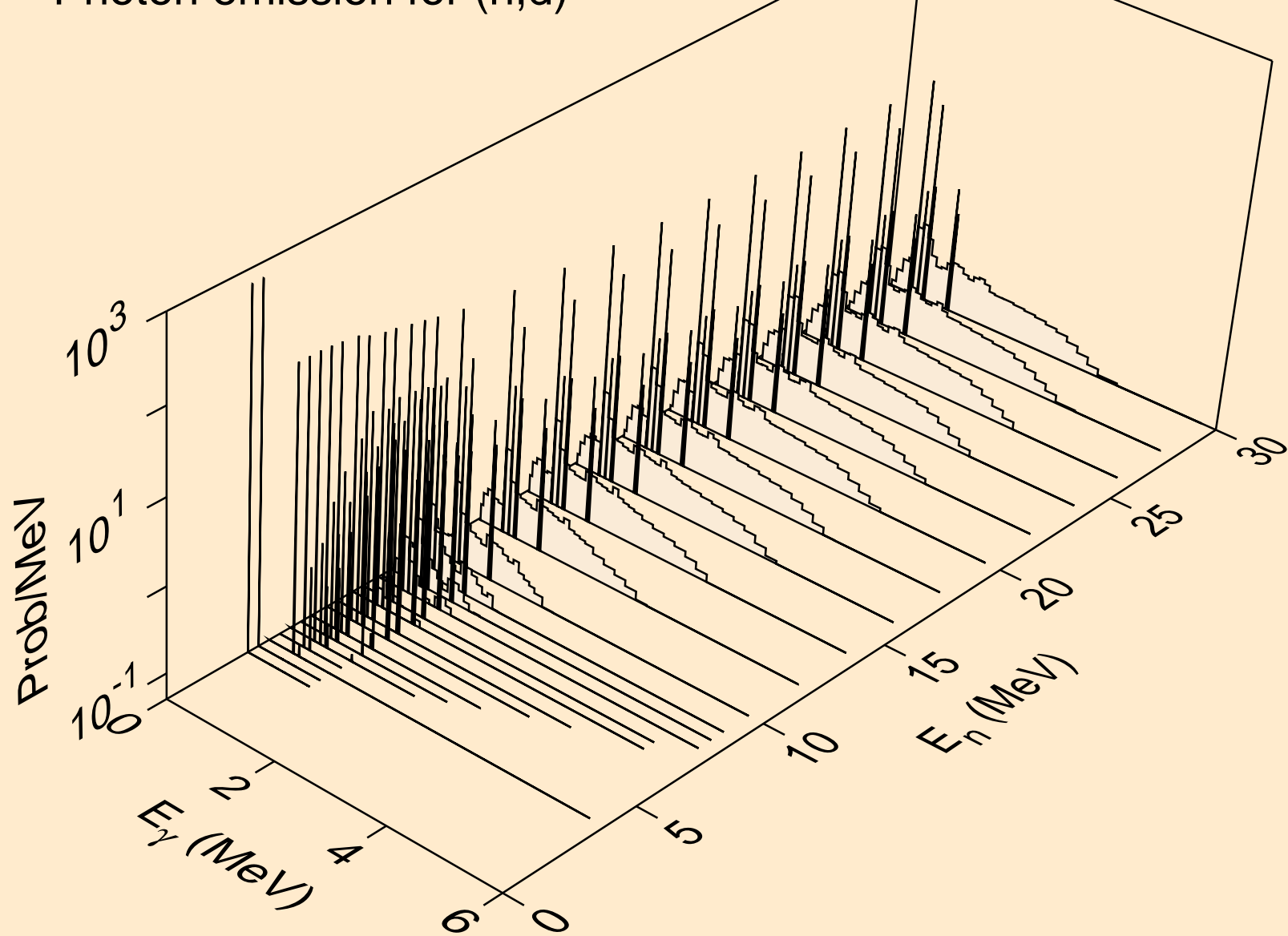
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Photon emission for (n,gma)



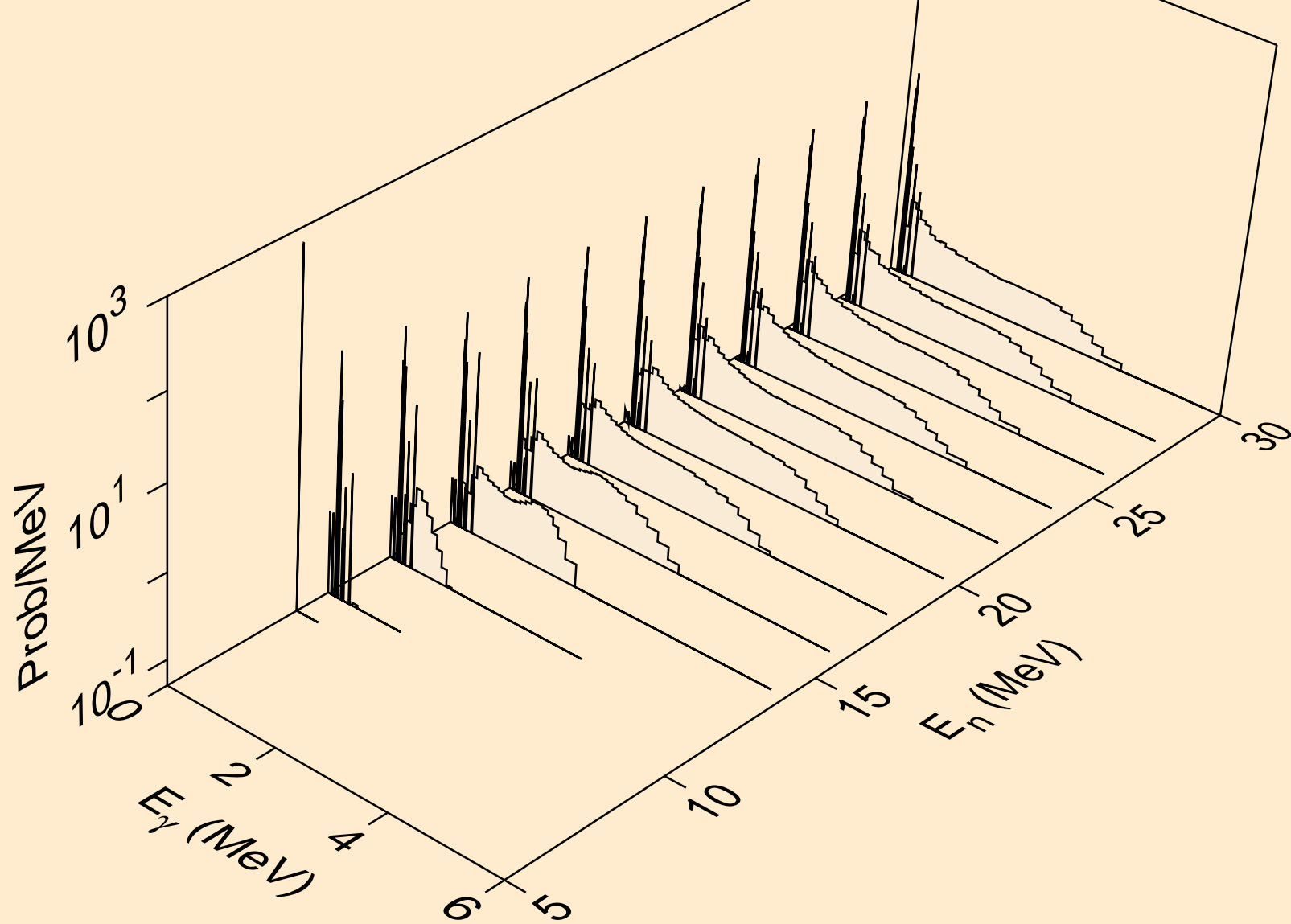
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Photon emission for (n,p)



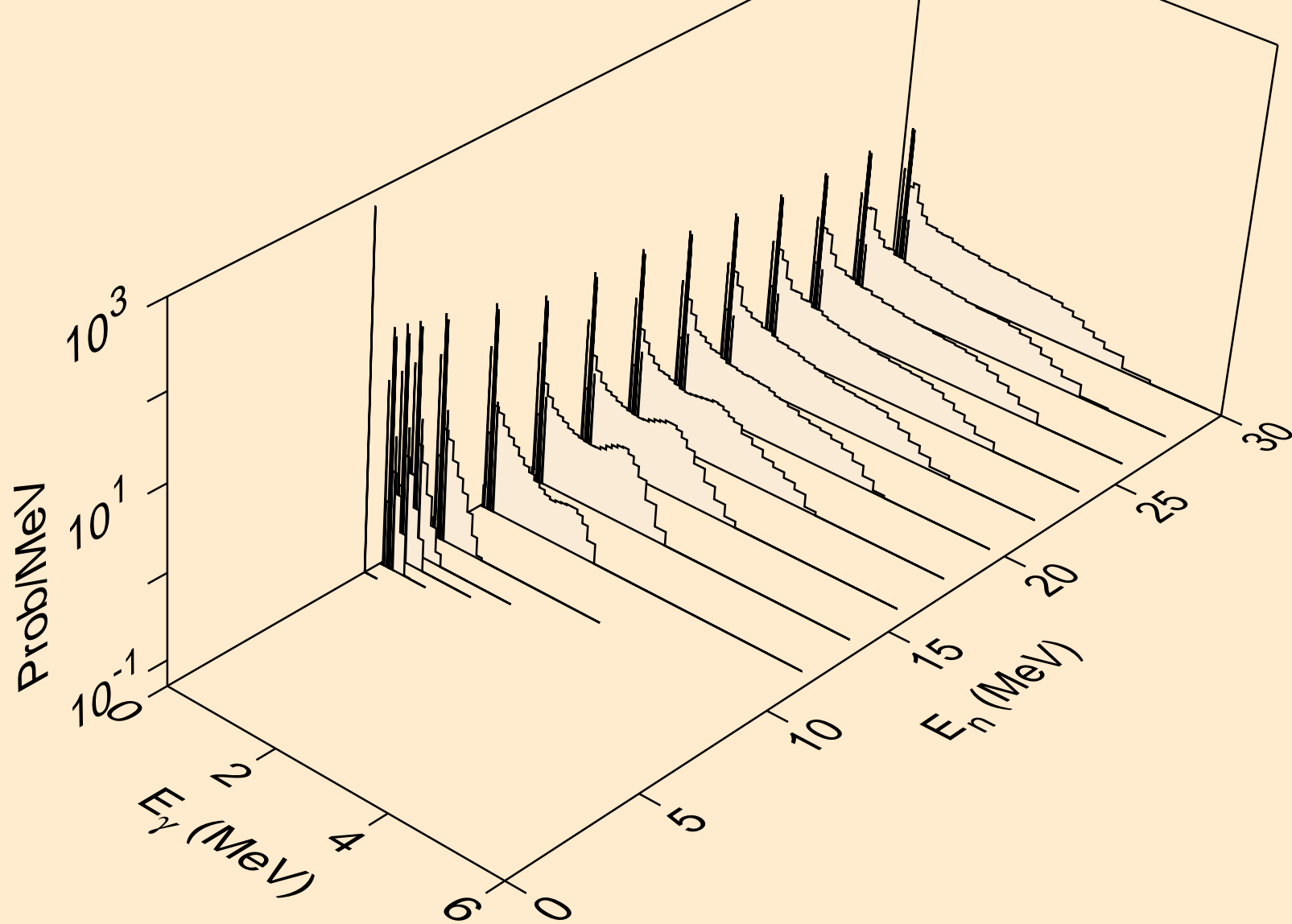
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Photon emission for (n,d)



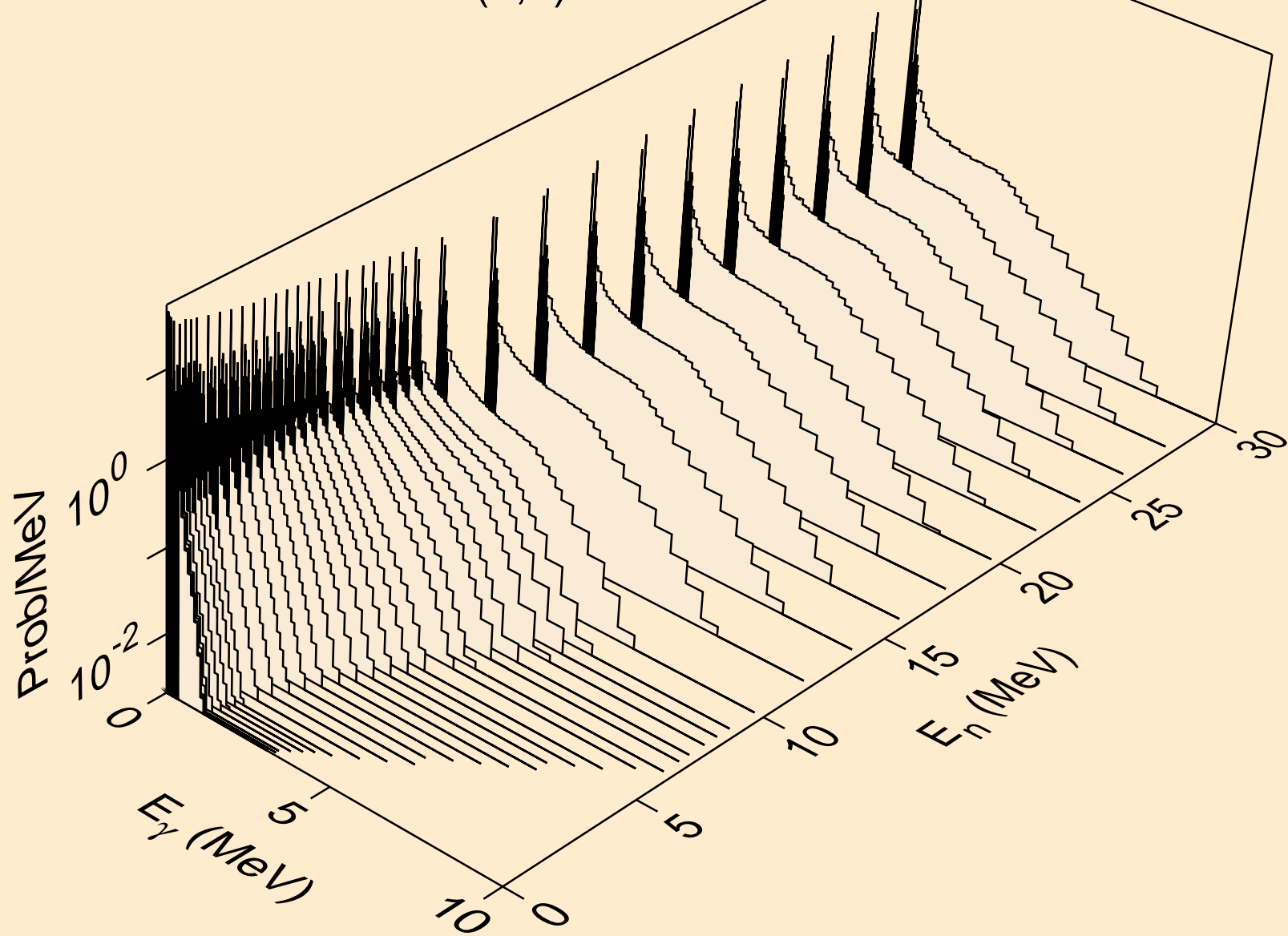
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Photon emission for (n,t)



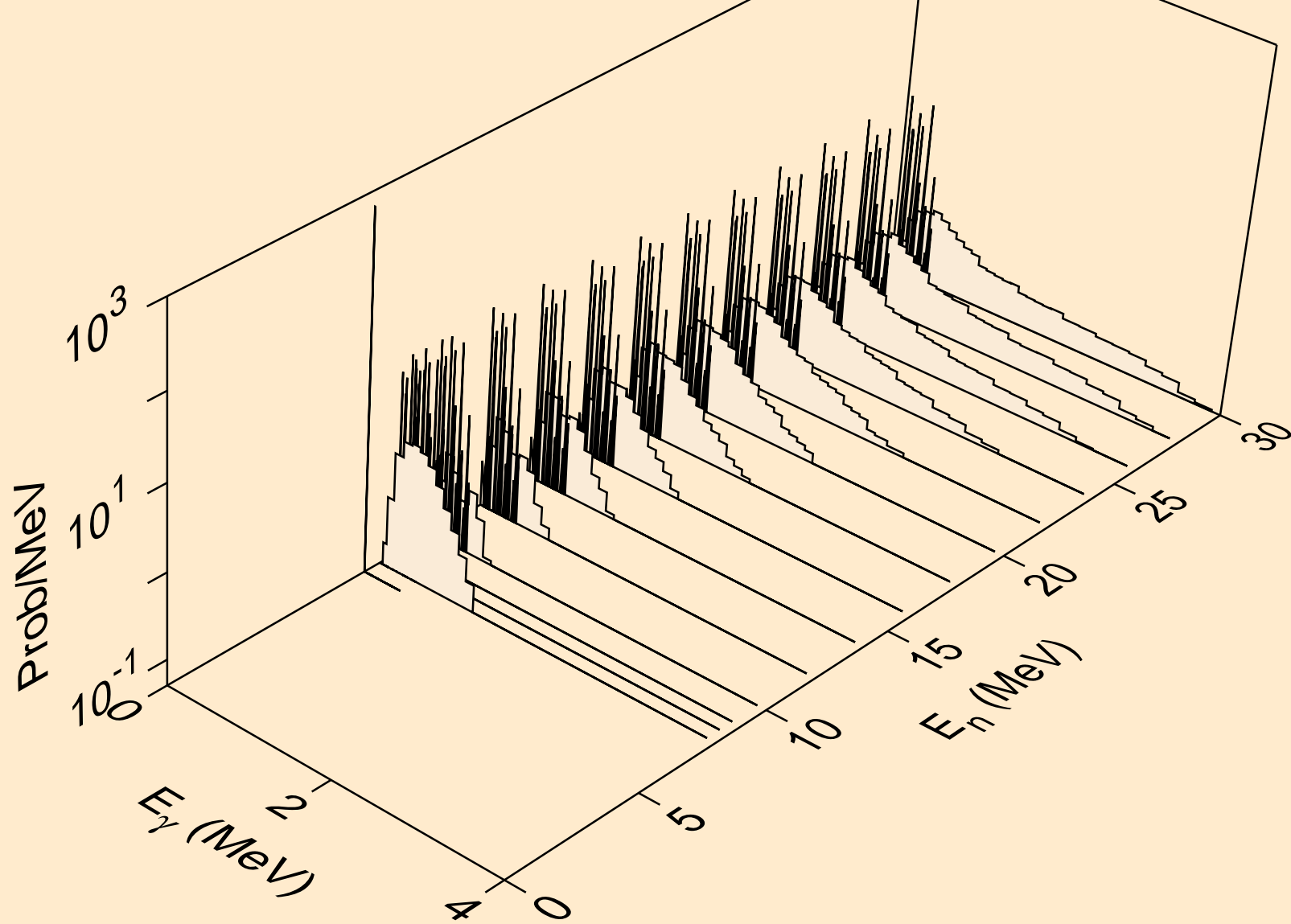
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

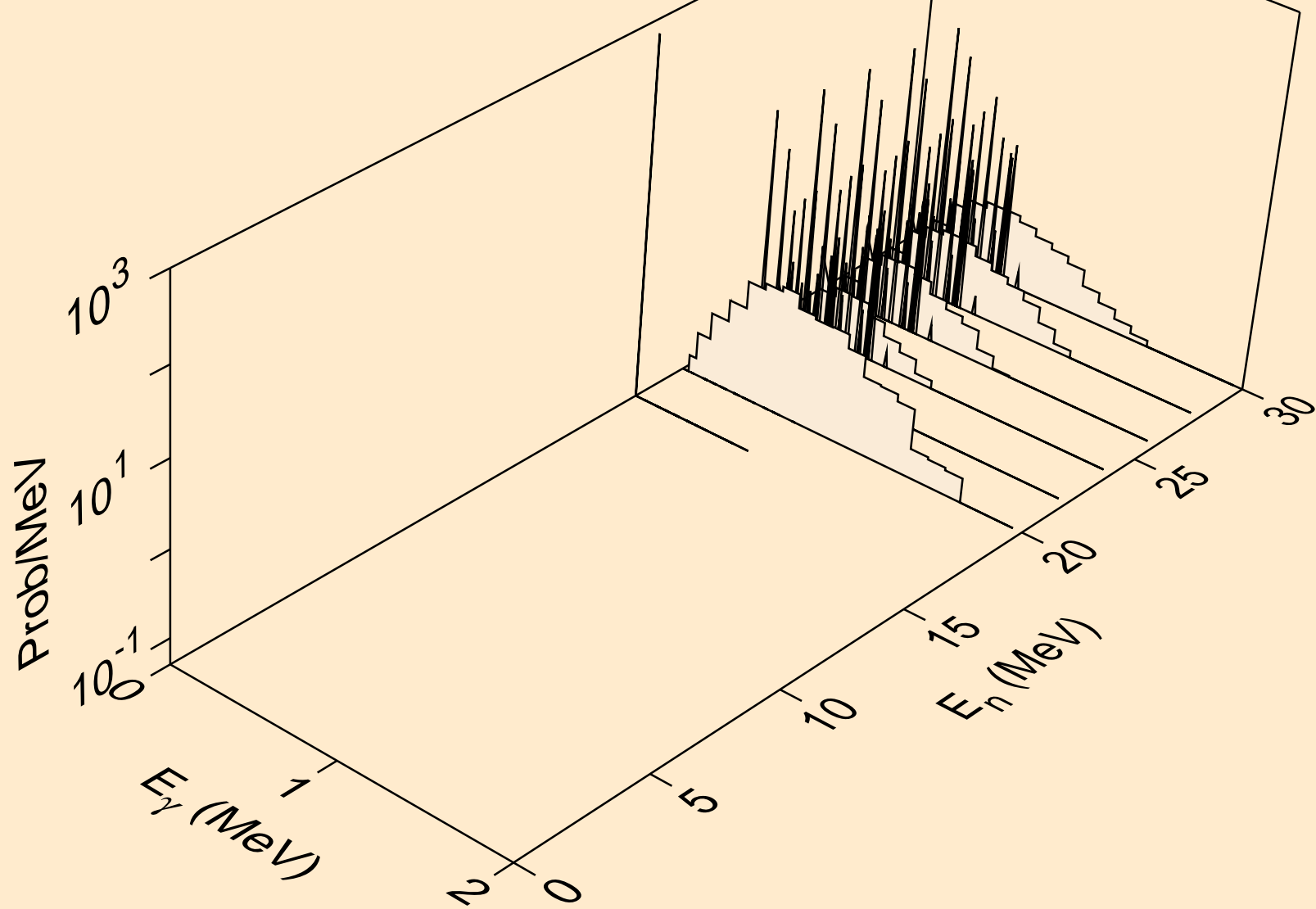


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Photon emission for (n,2a)

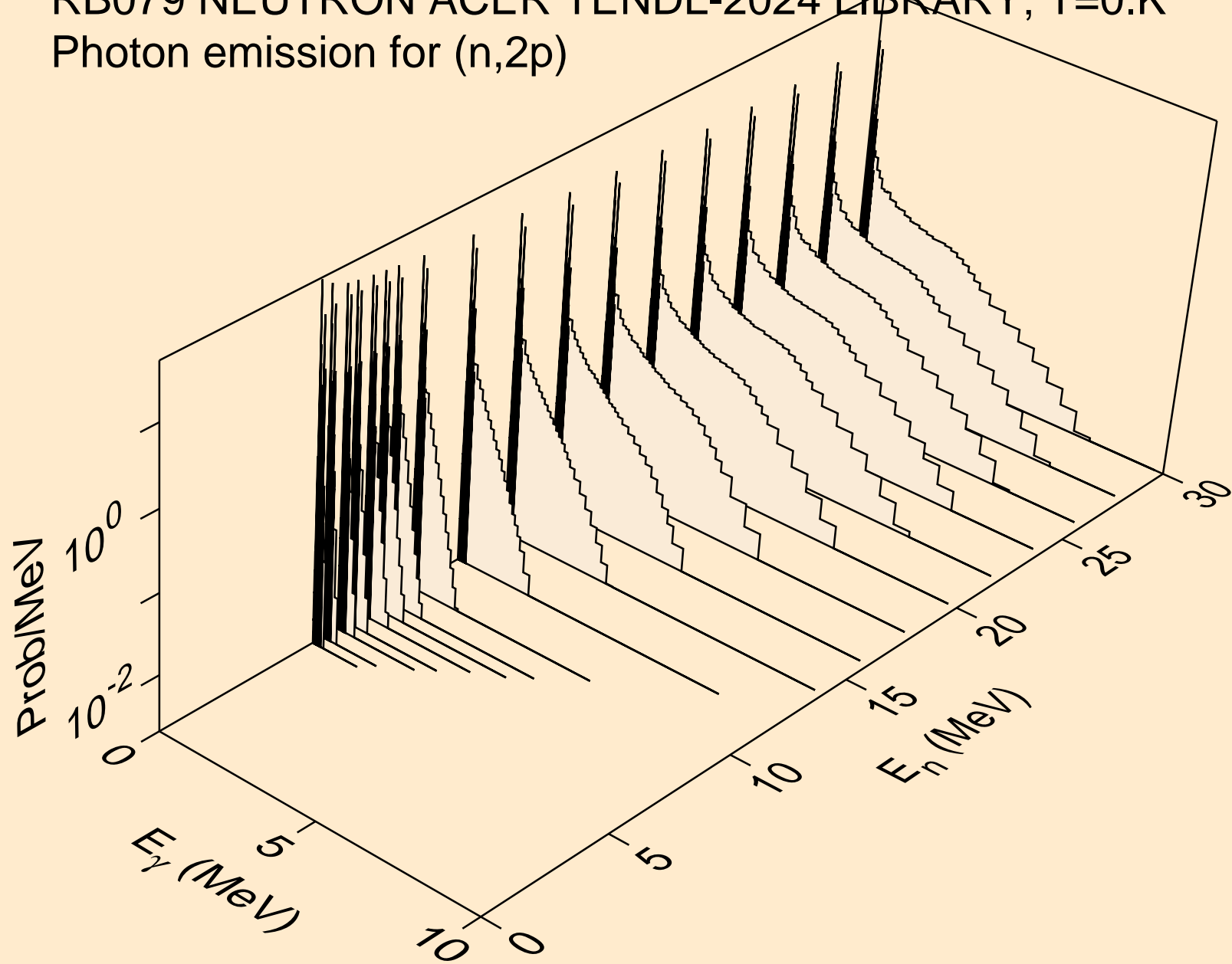




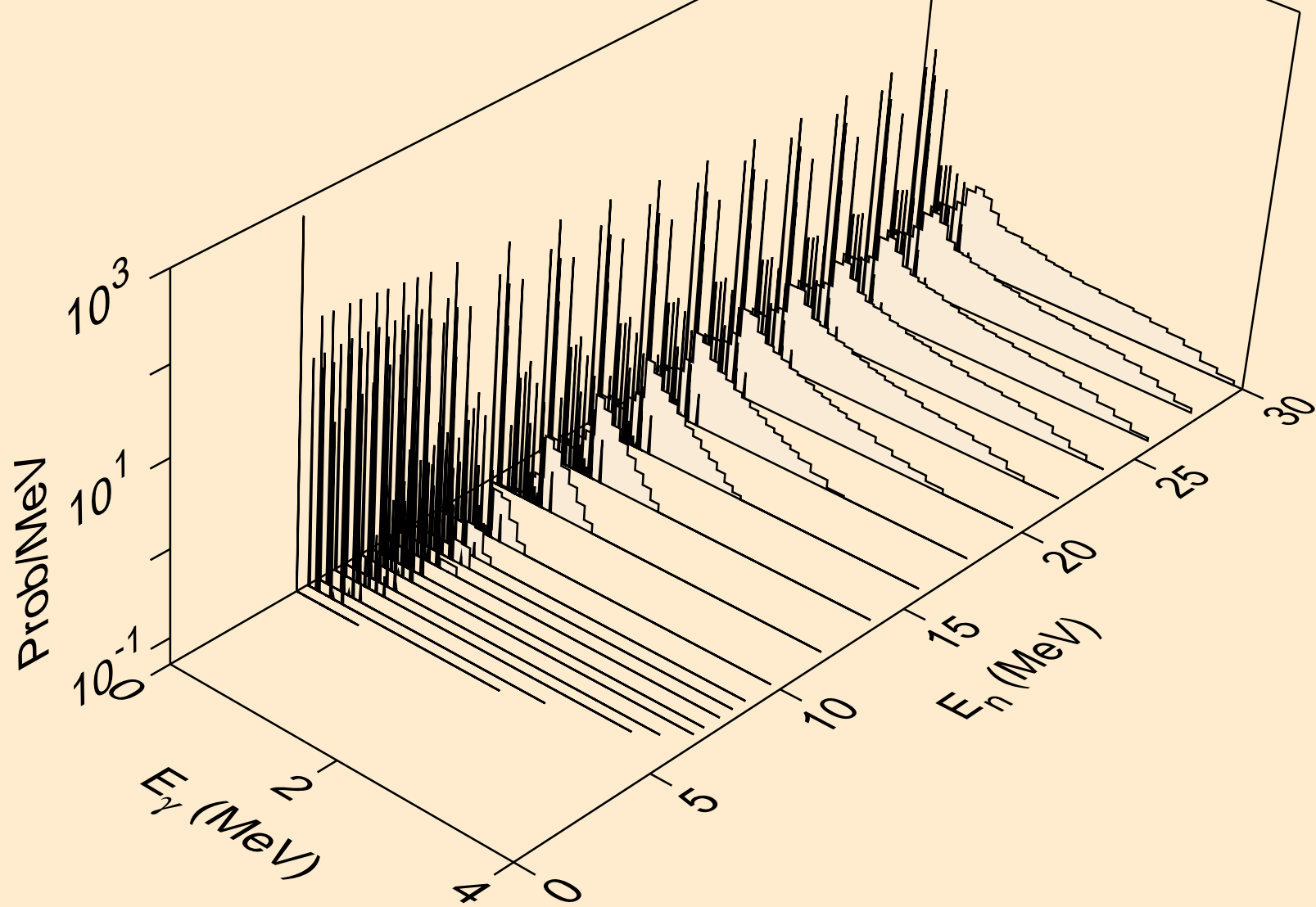
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Photon emission for (n,3a)



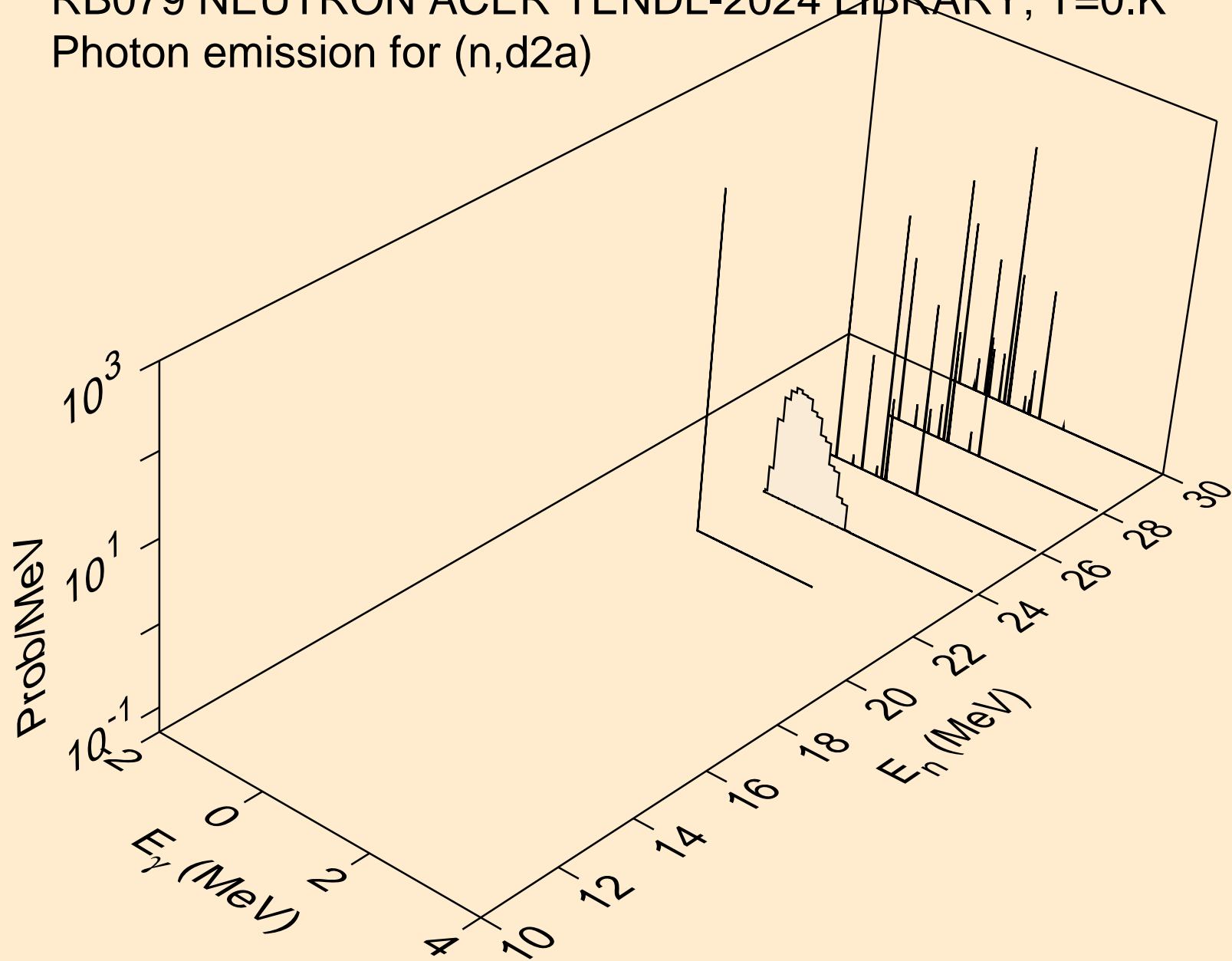
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Photon emission for (n,2p)



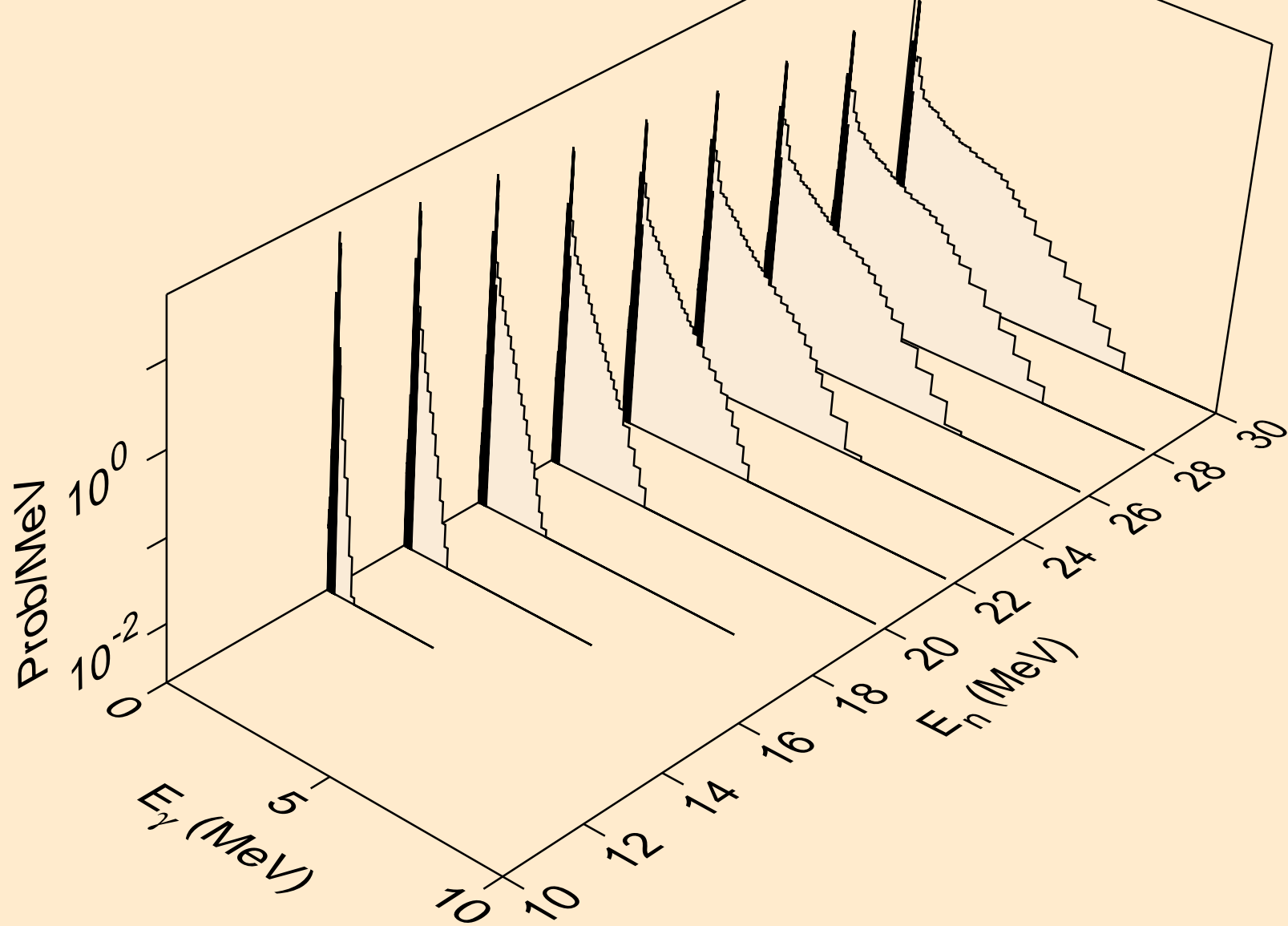
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Photon emission for (n,p $\alpha$ )



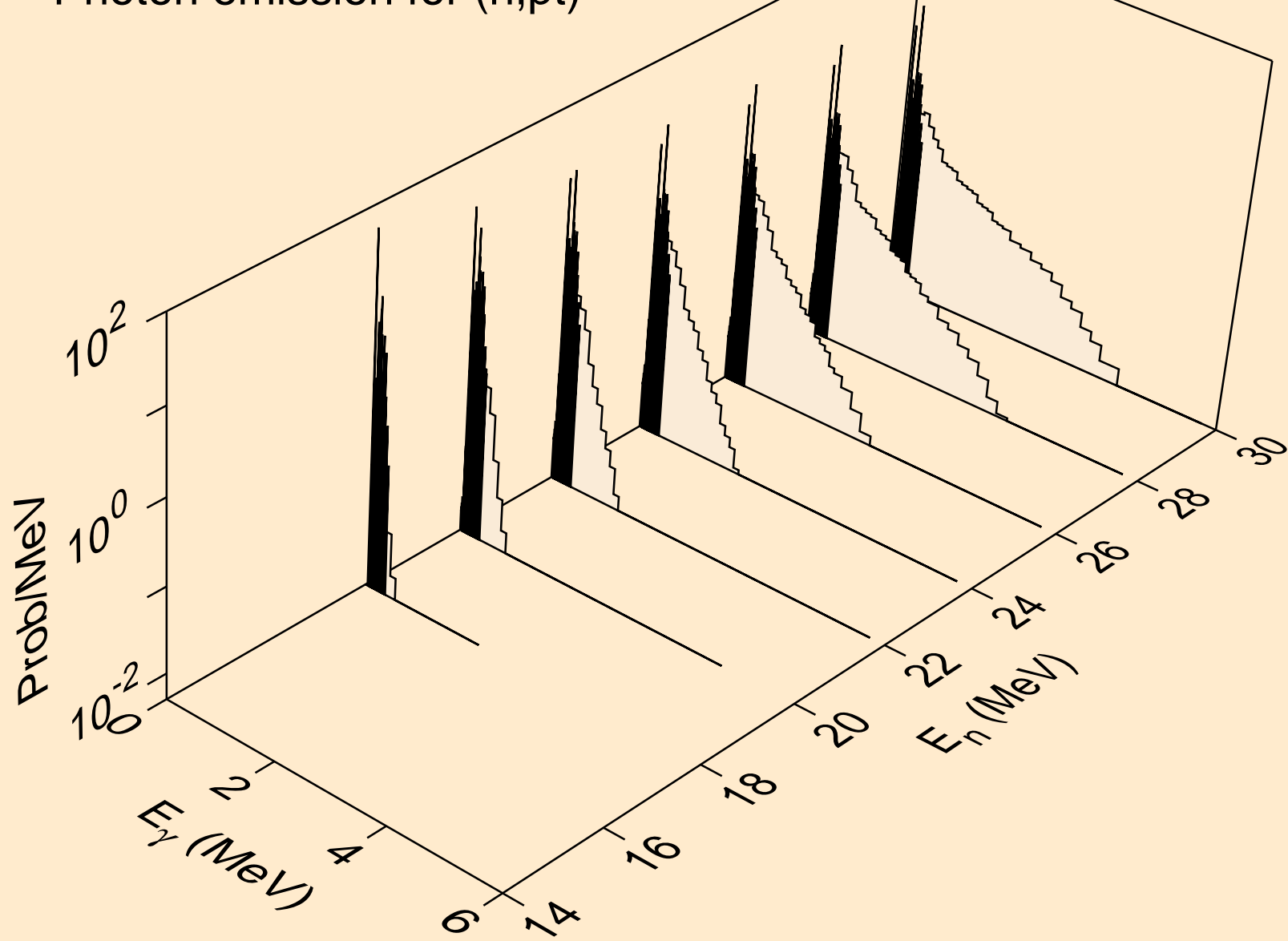
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



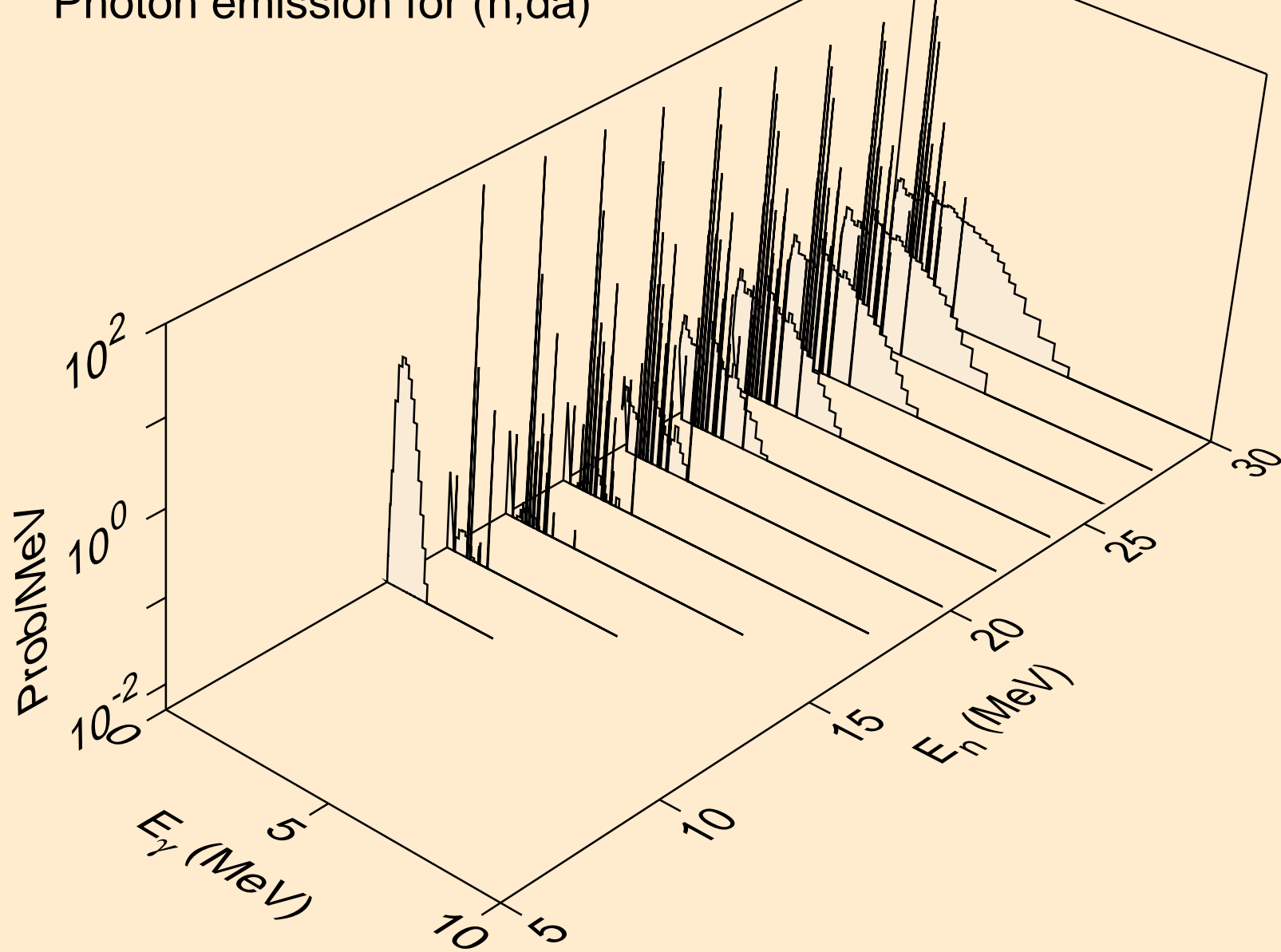
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Photon emission for (n,pd)



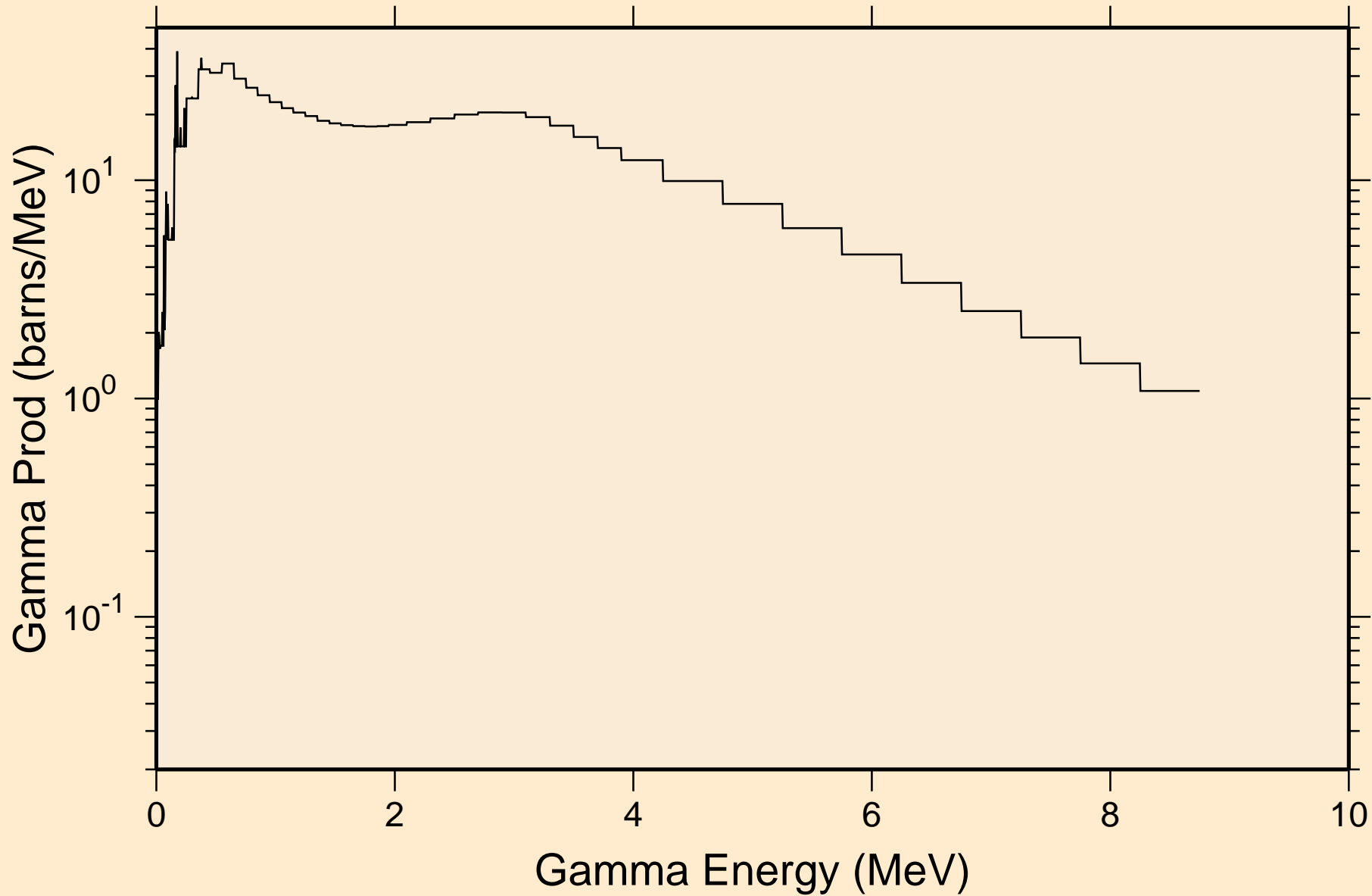
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

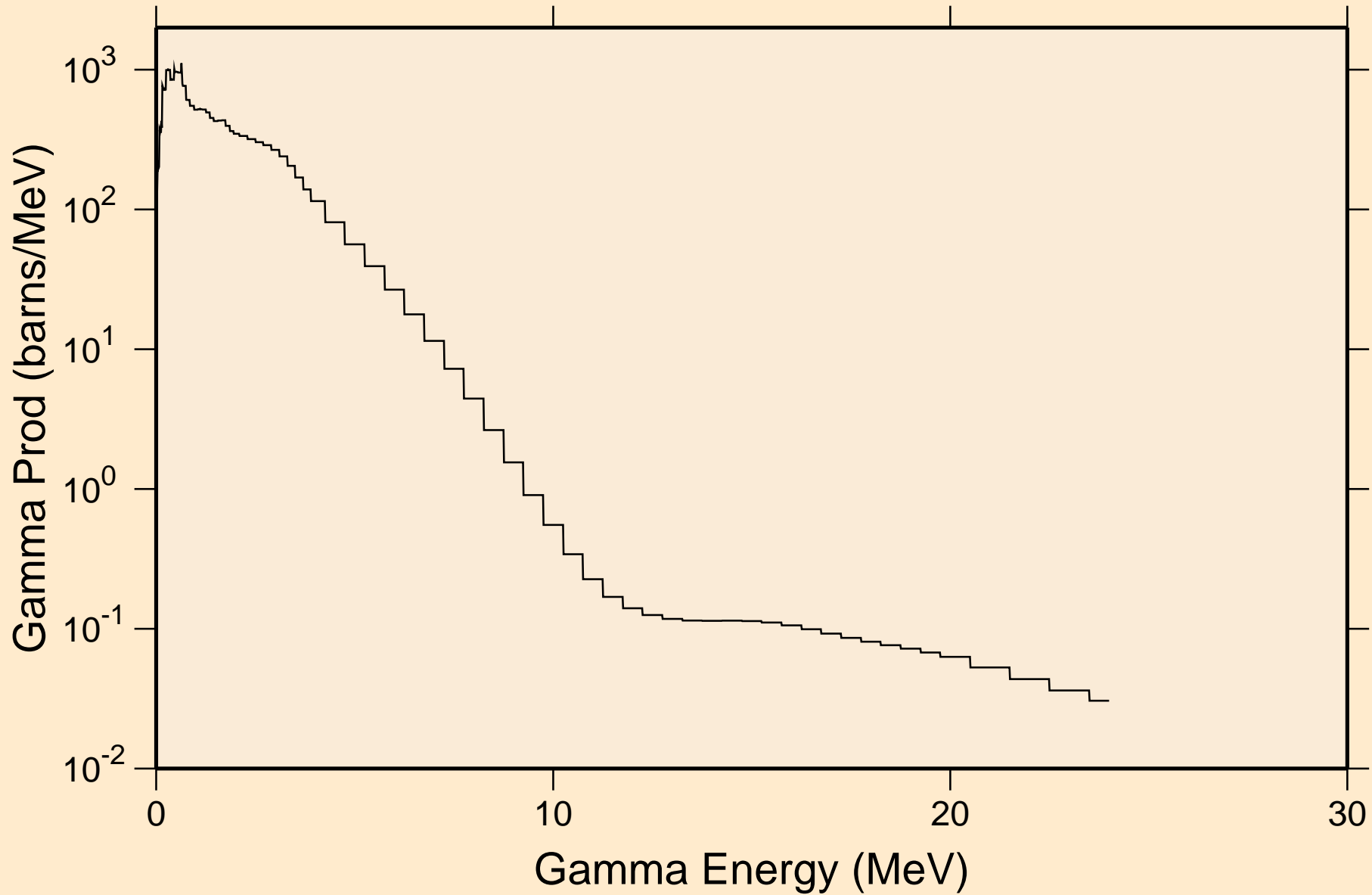


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



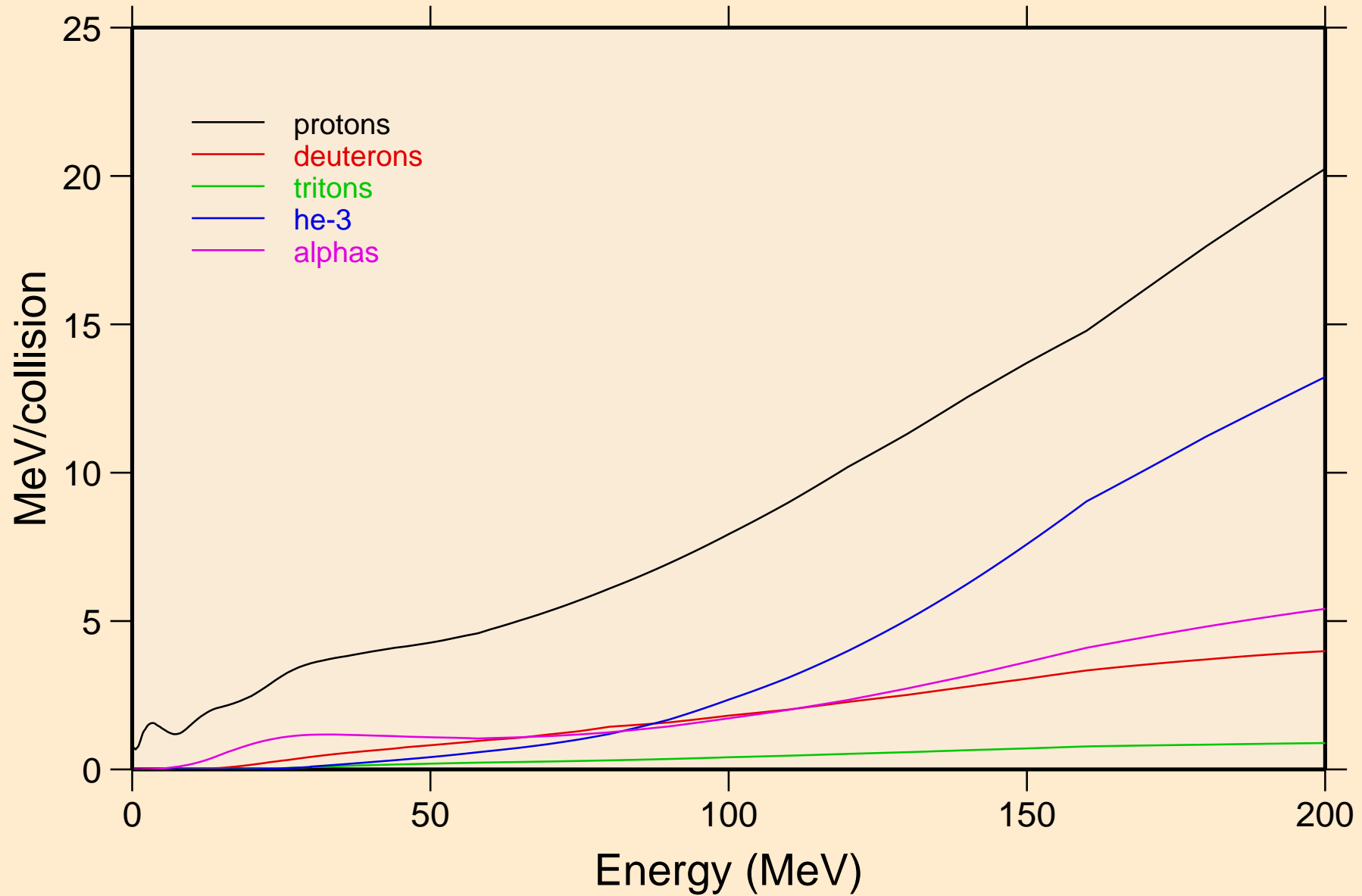


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



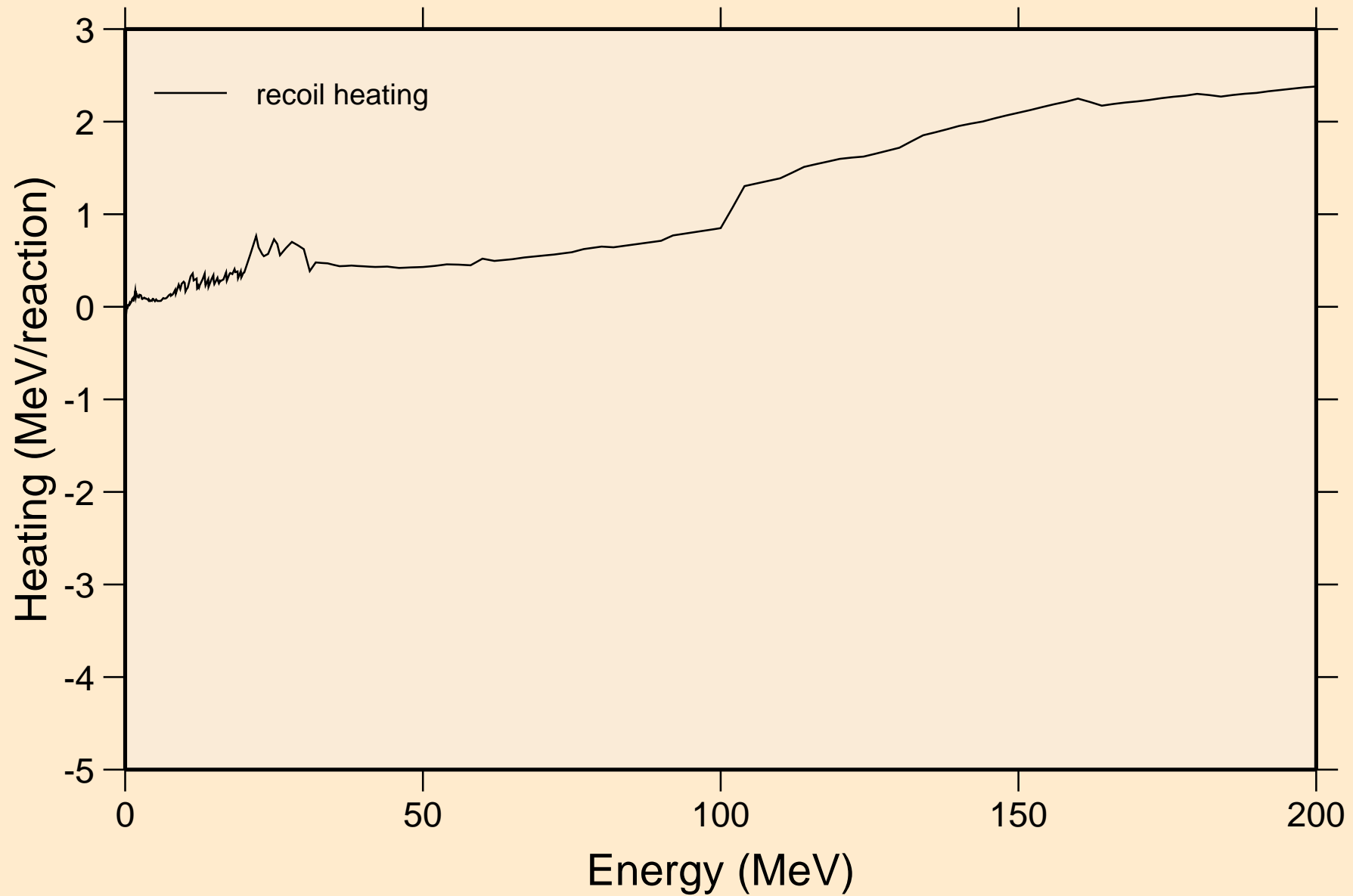
# RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



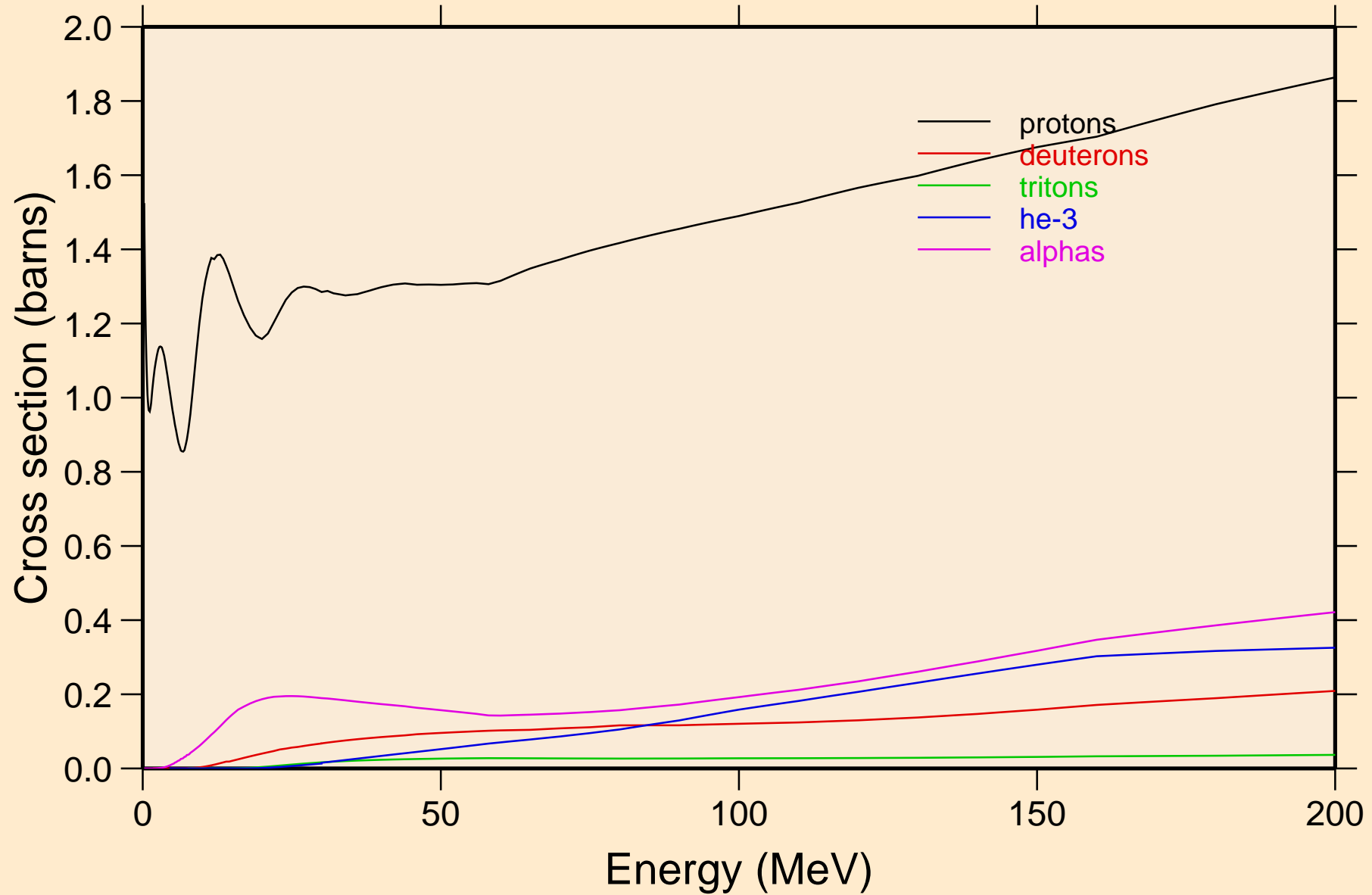
# RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

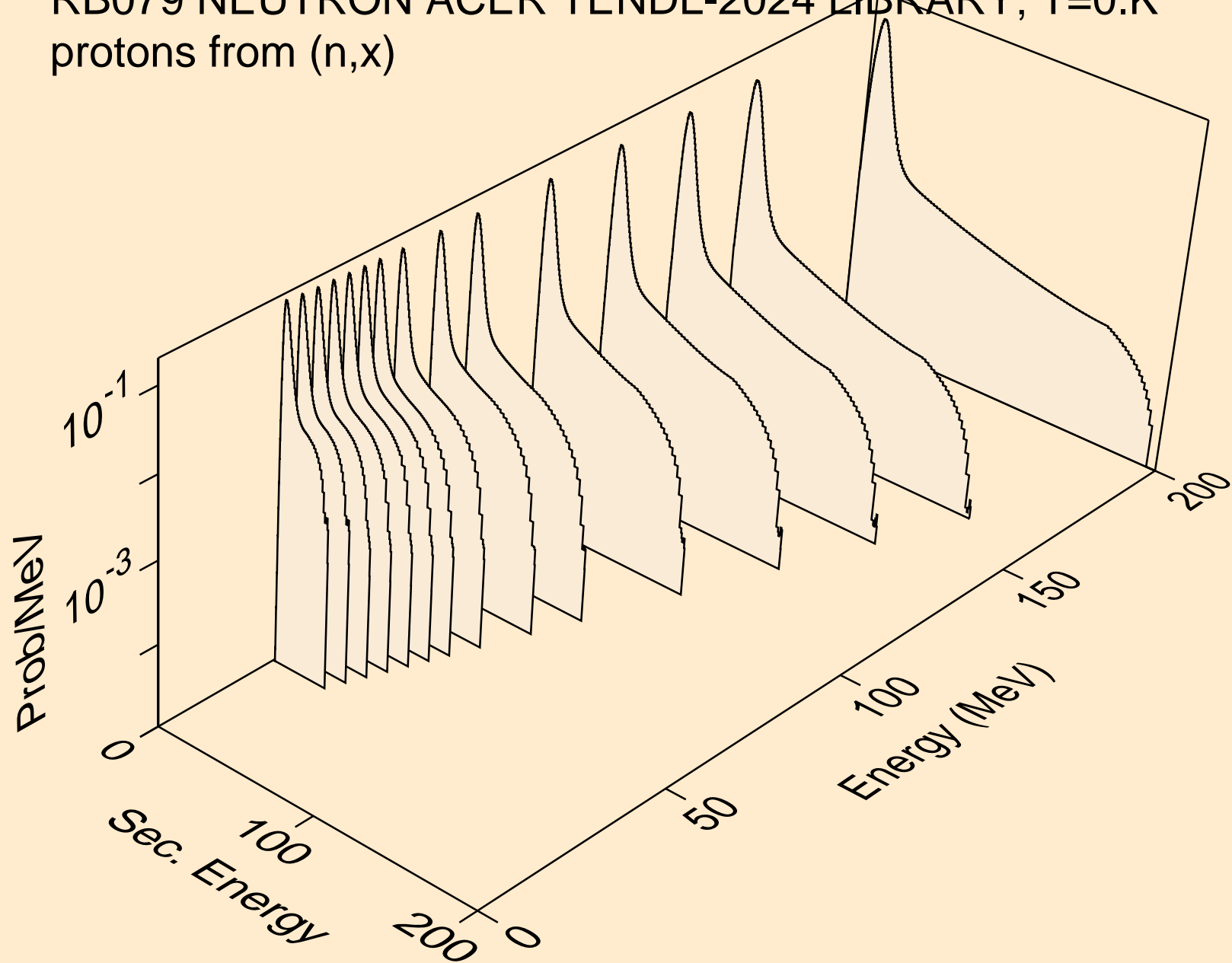


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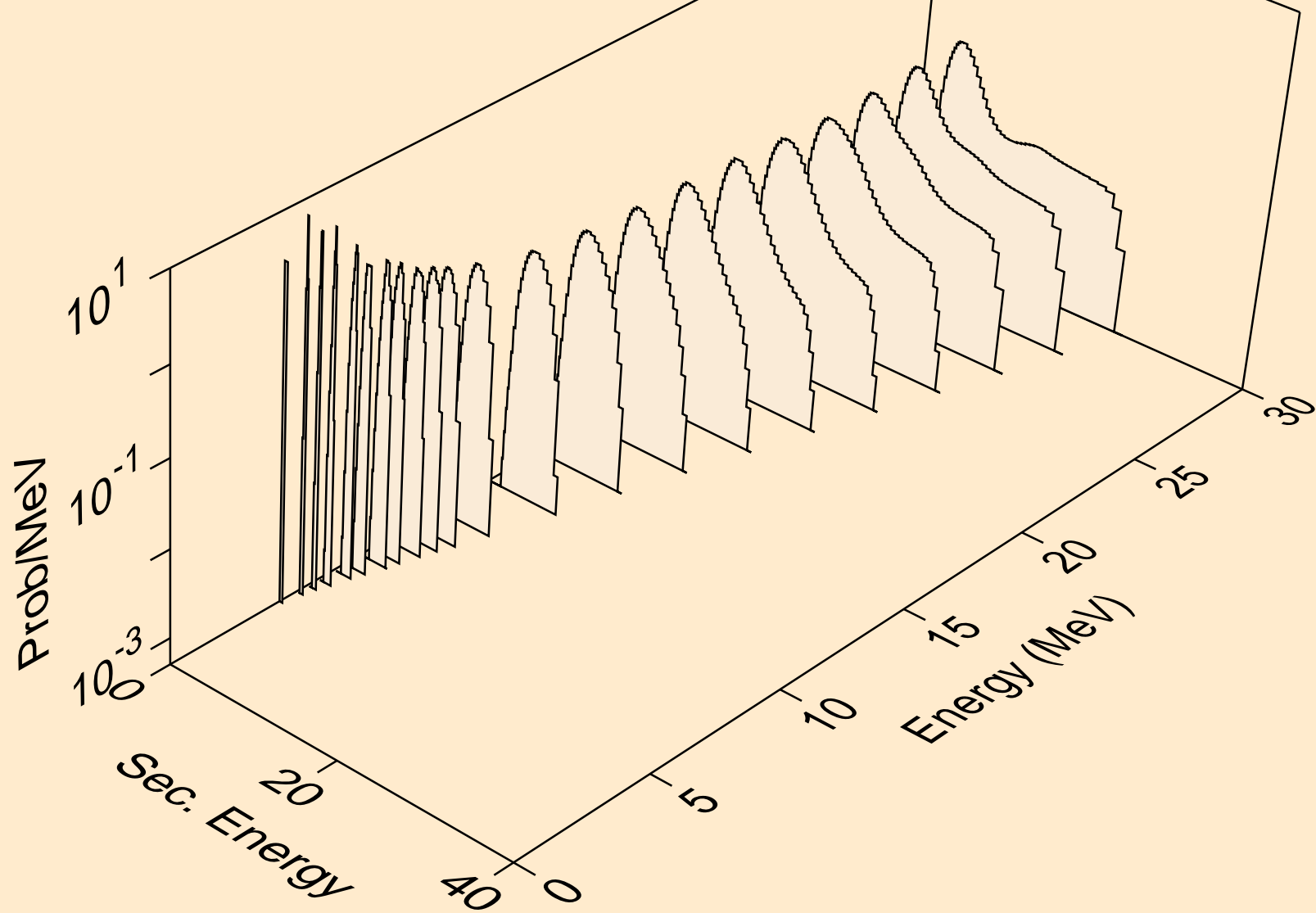
## Particle production cross sections



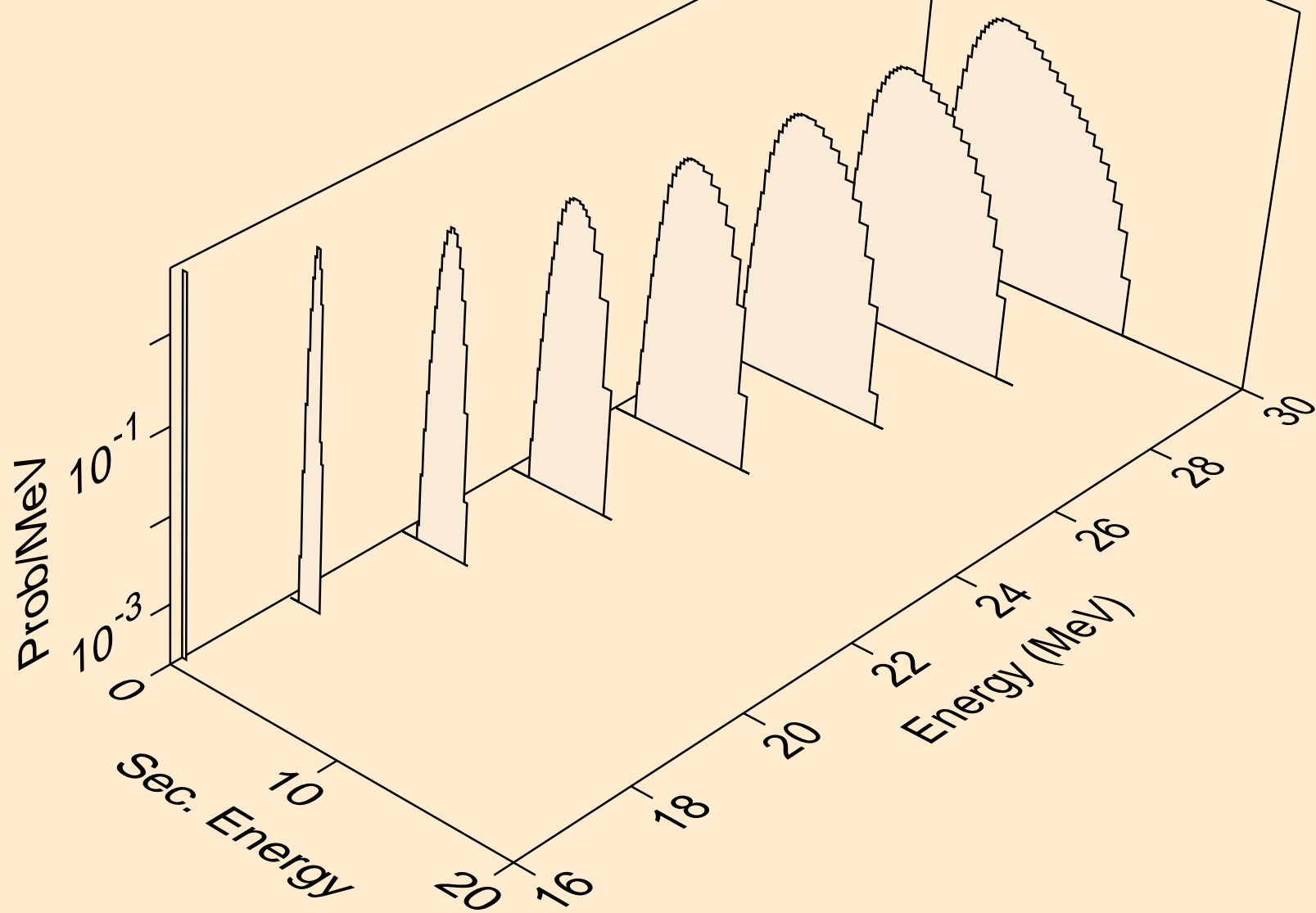
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



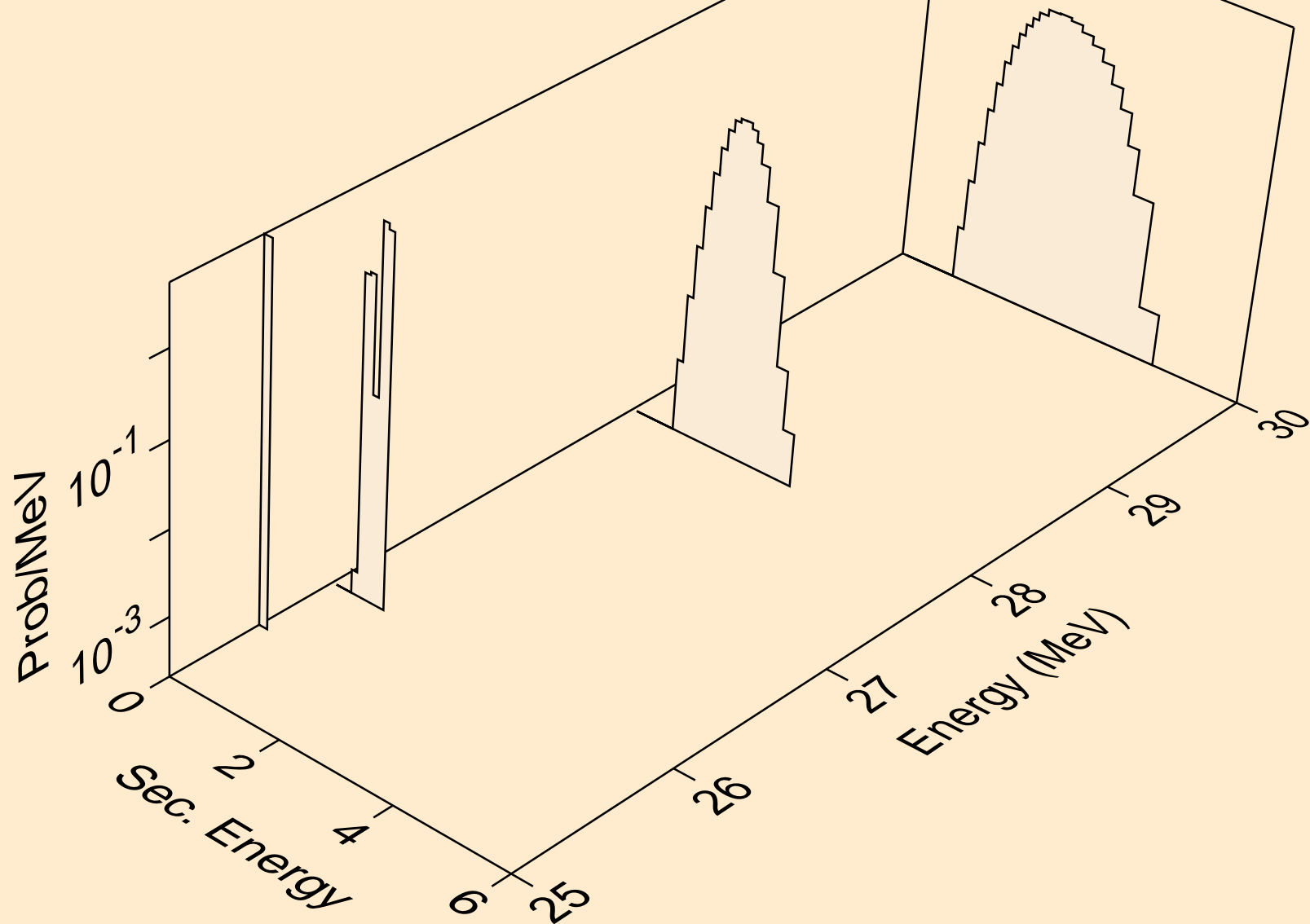
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protons from (n,n\*)p



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

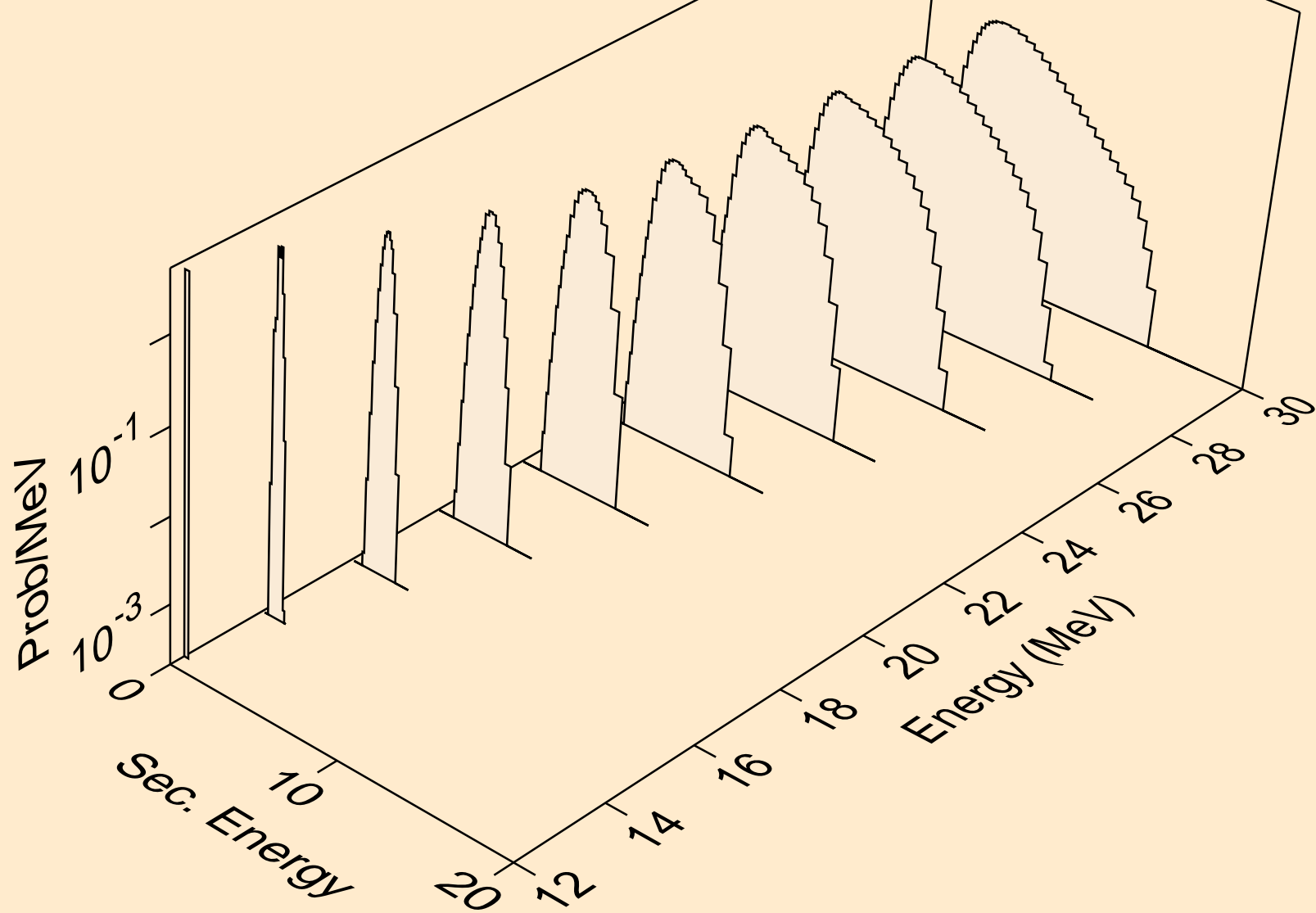


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protons from (n,3np)

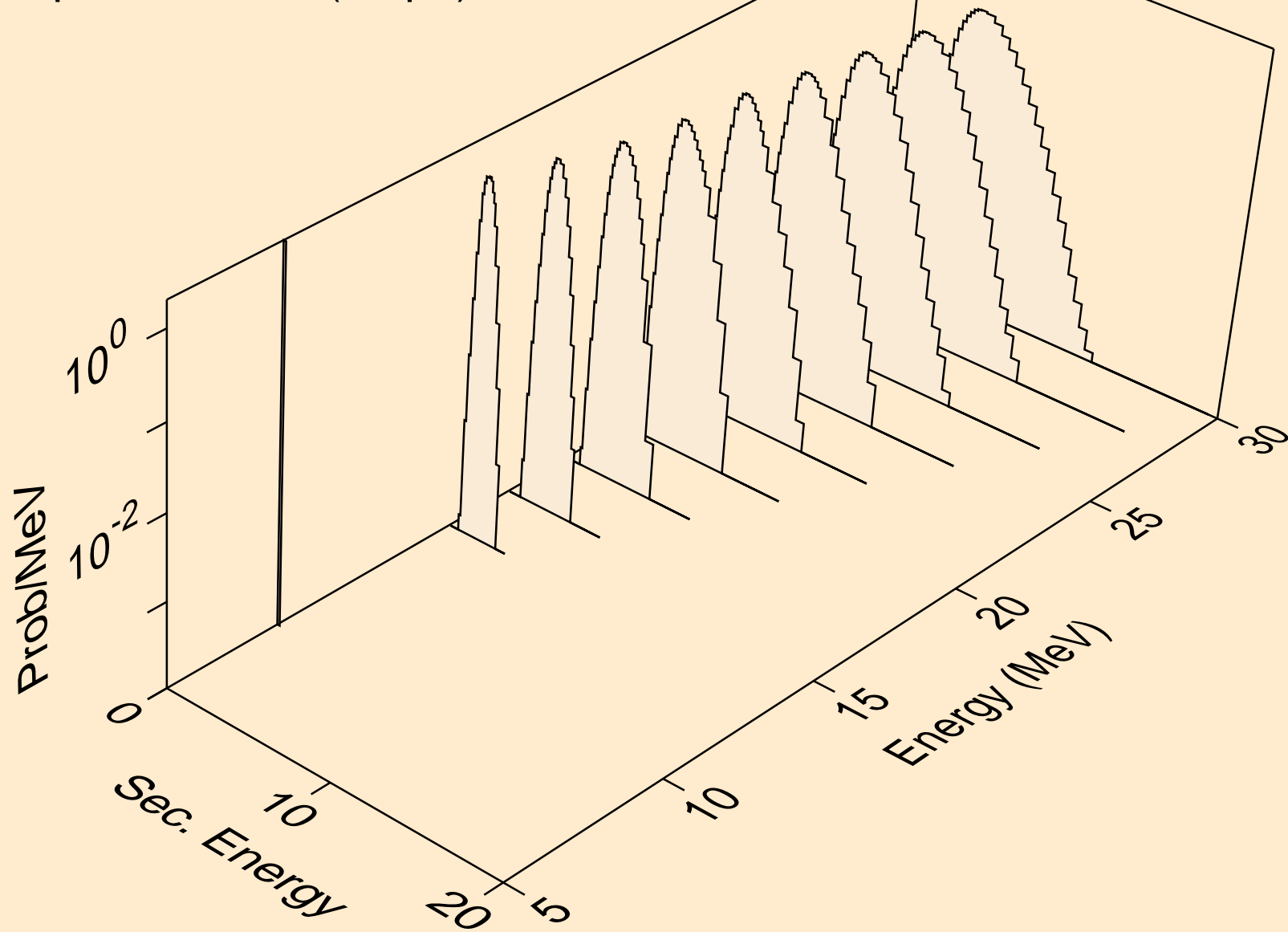




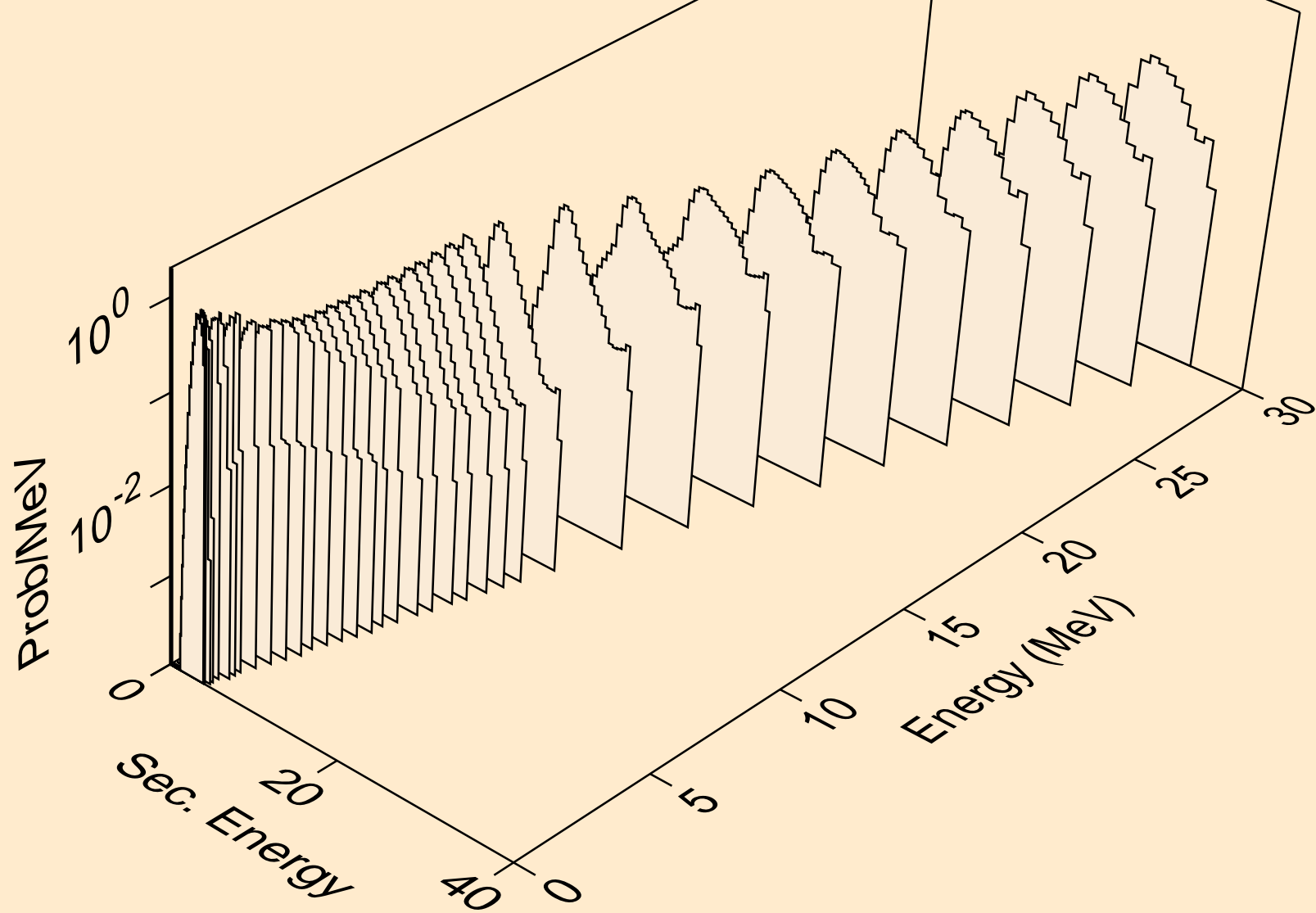
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protons from (n,n2p)



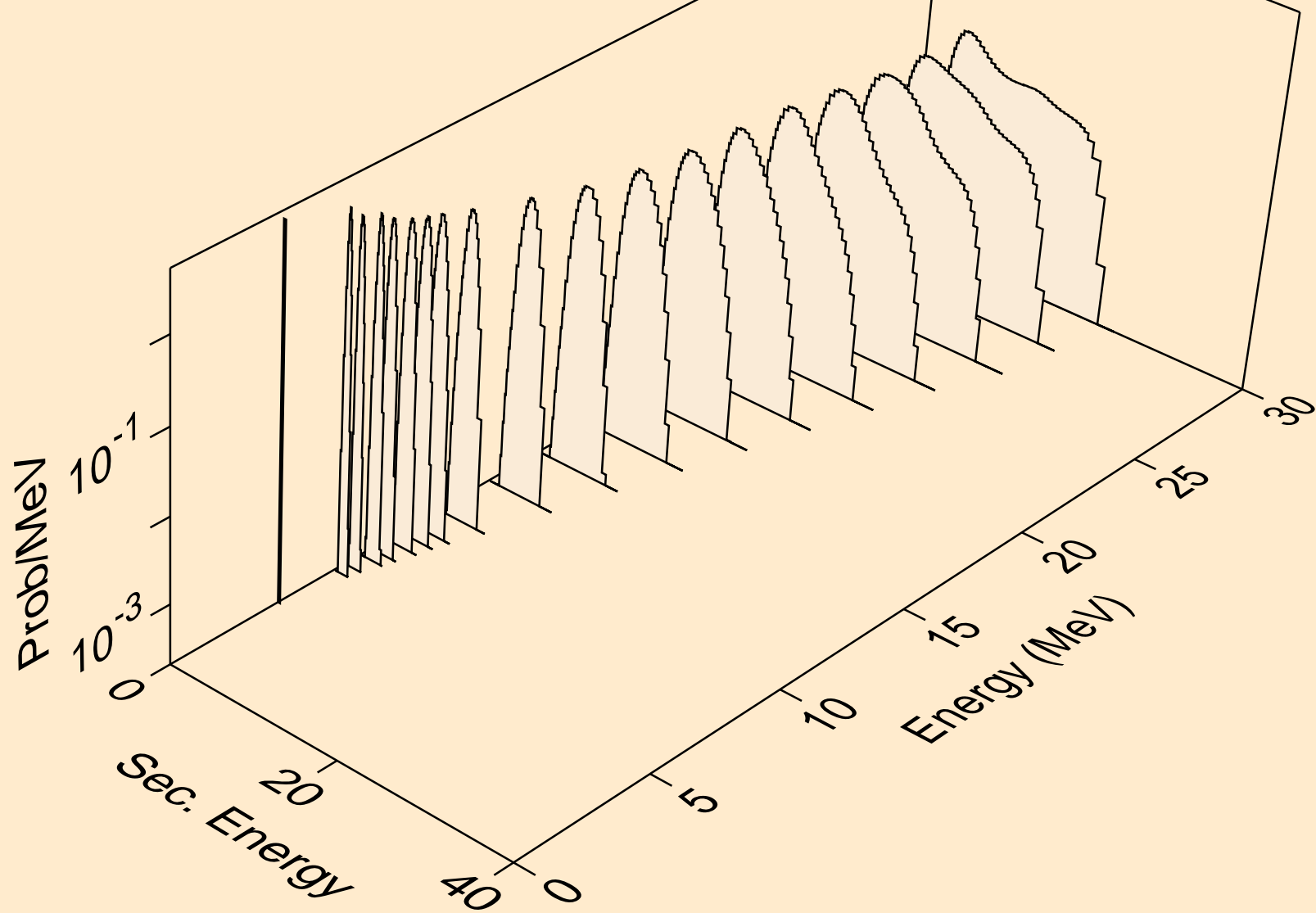
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protons from (n,npa)



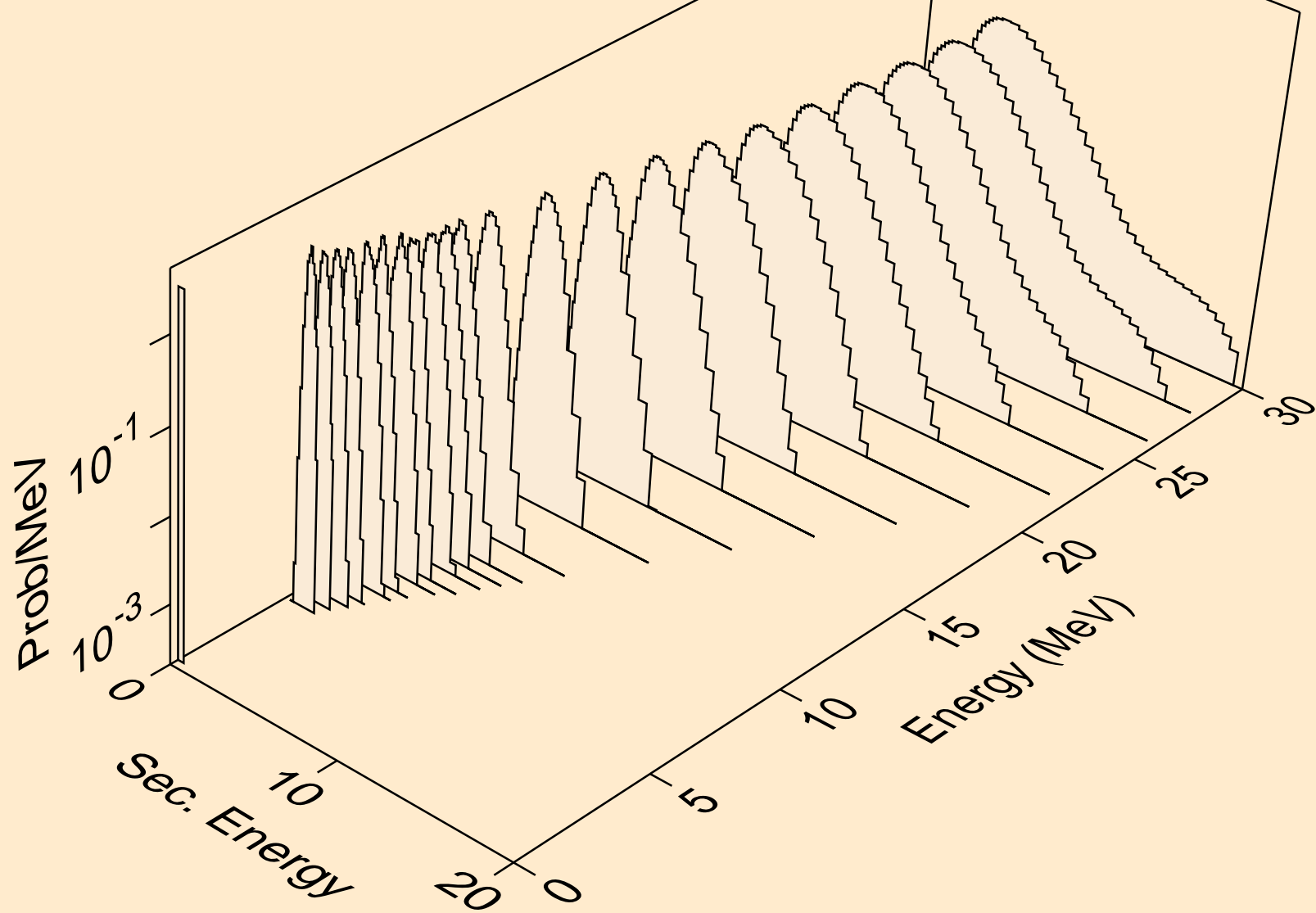
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protons from (n,p)



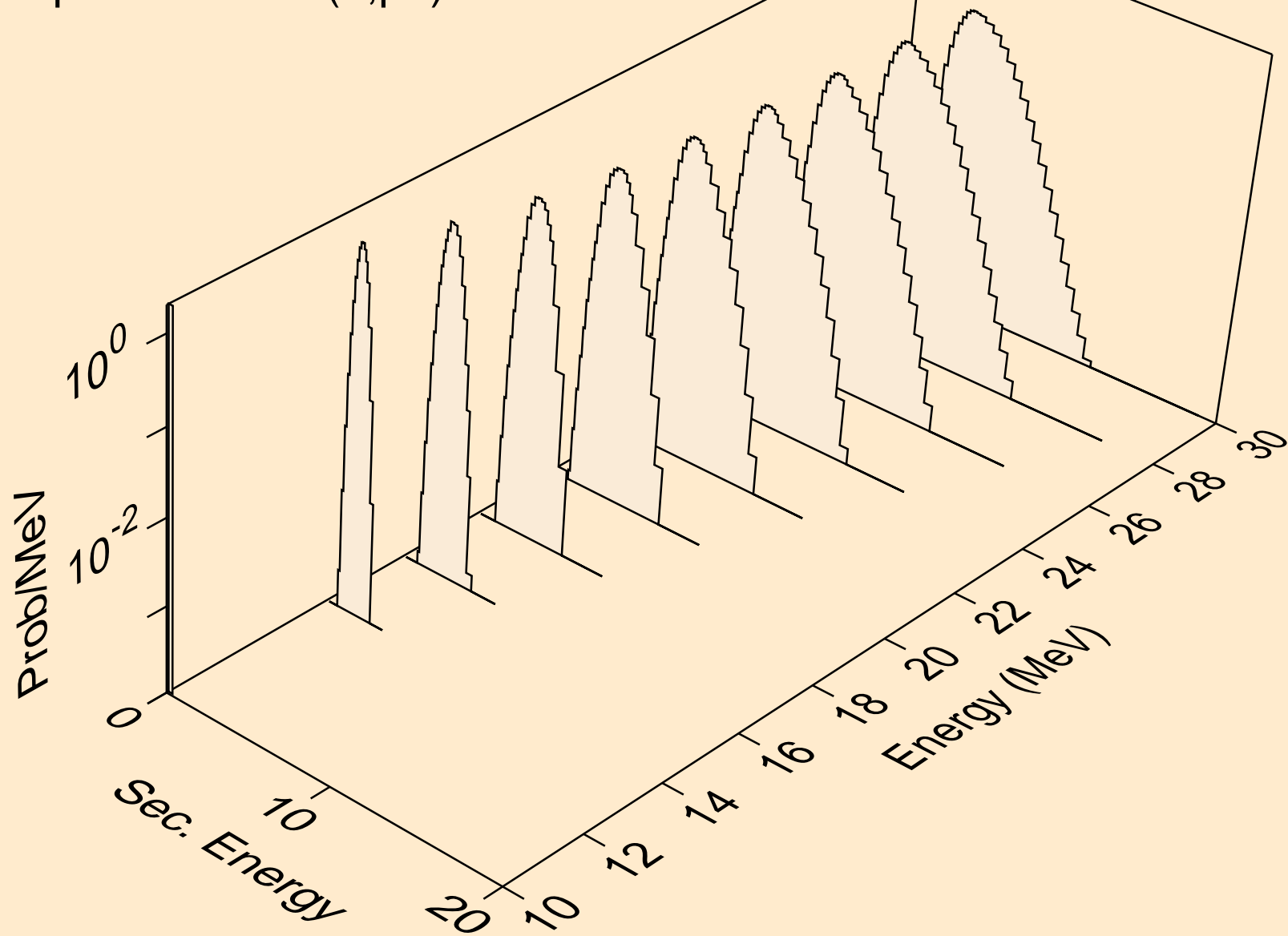
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protons from (n,2p)



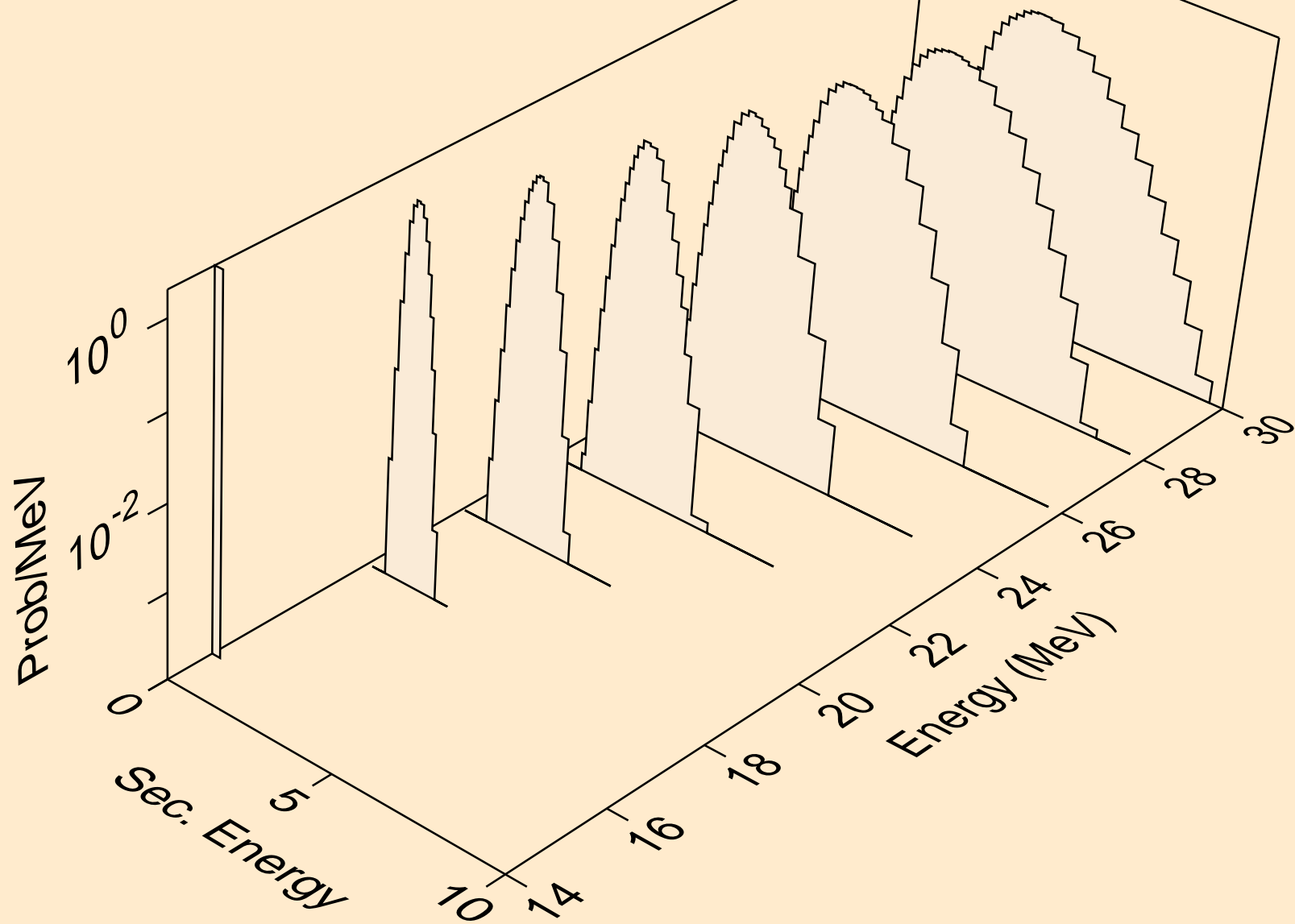
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protons from (n,p)



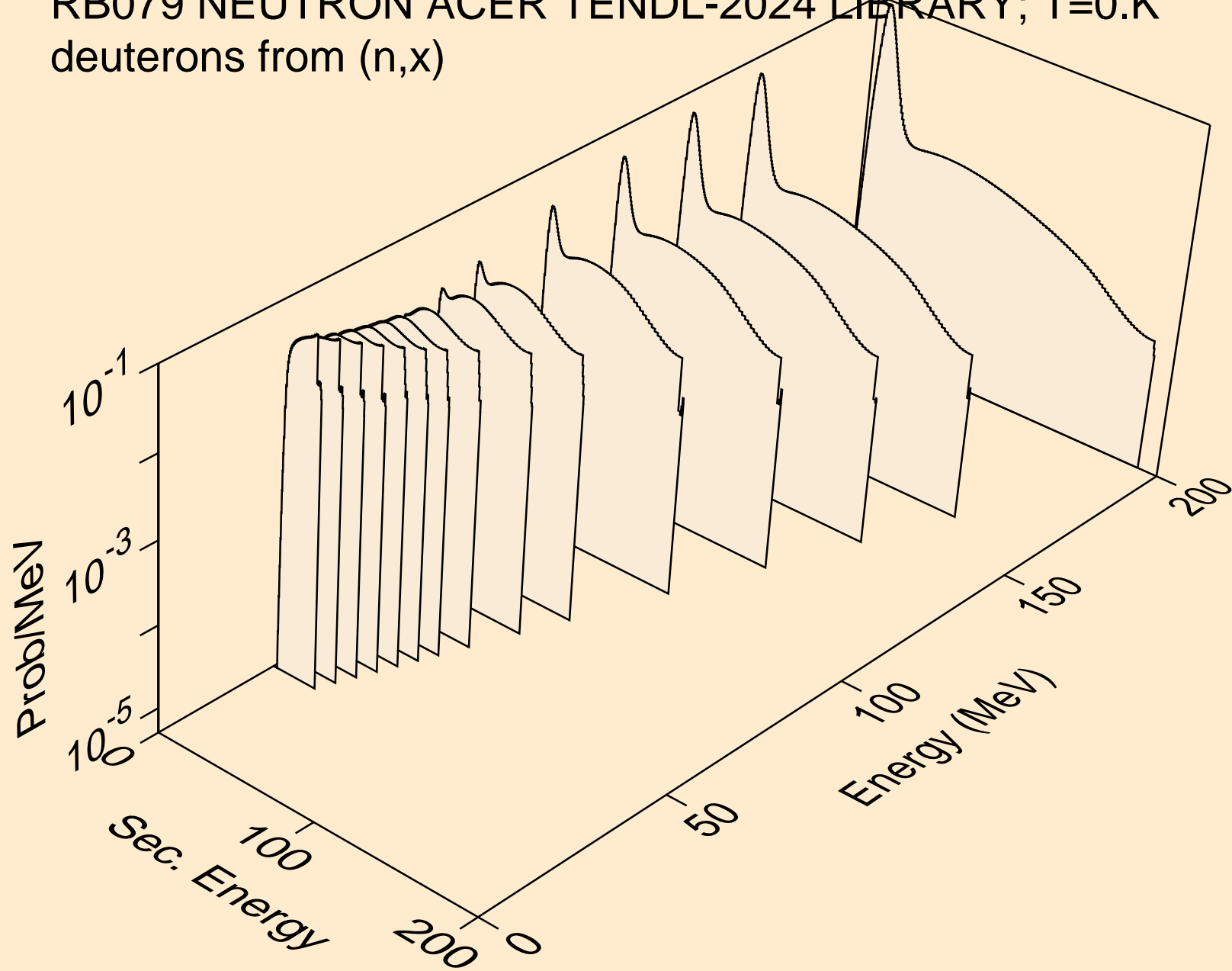
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protons from (n,pd)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

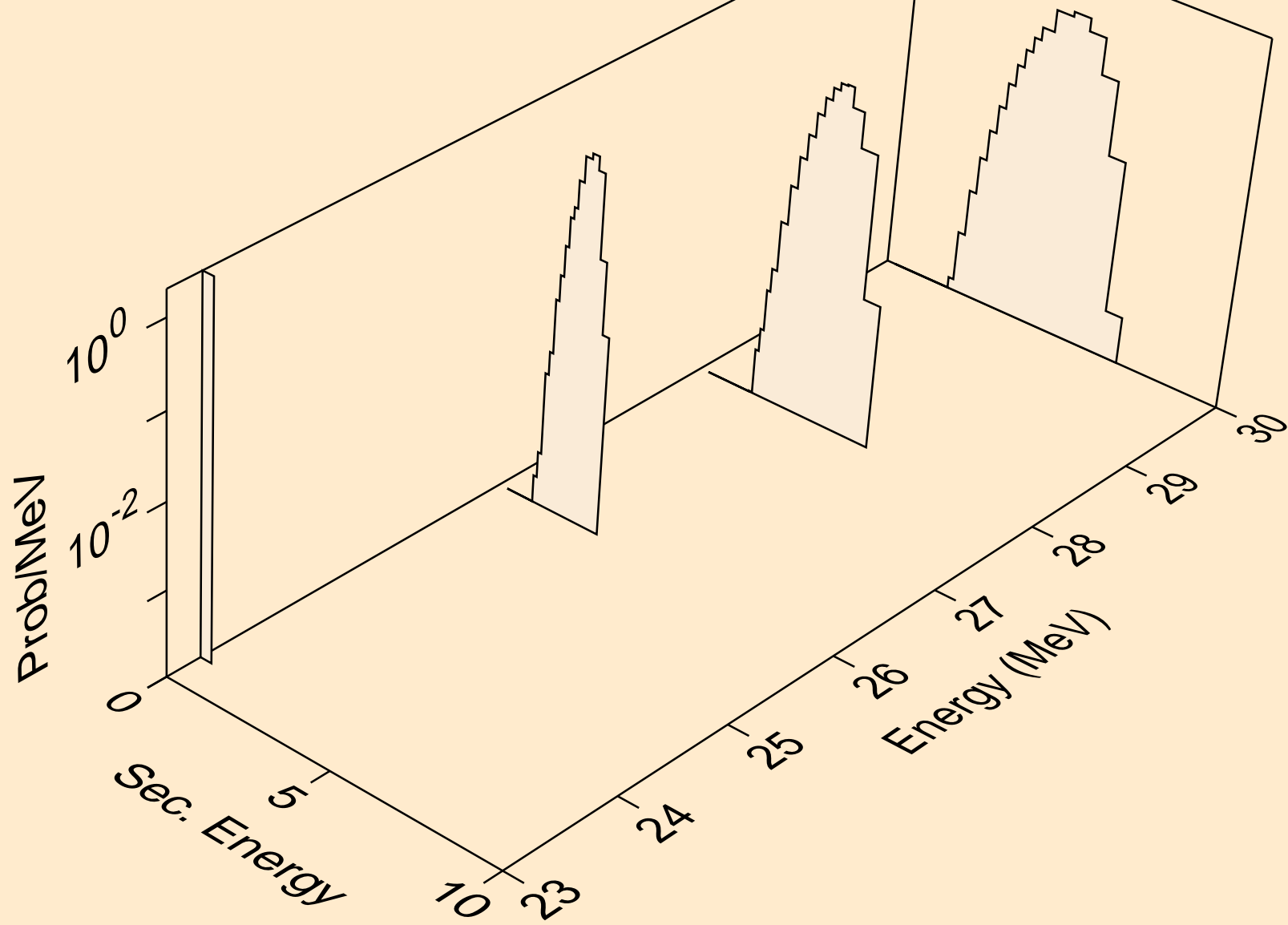


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deuterons from (n,x)

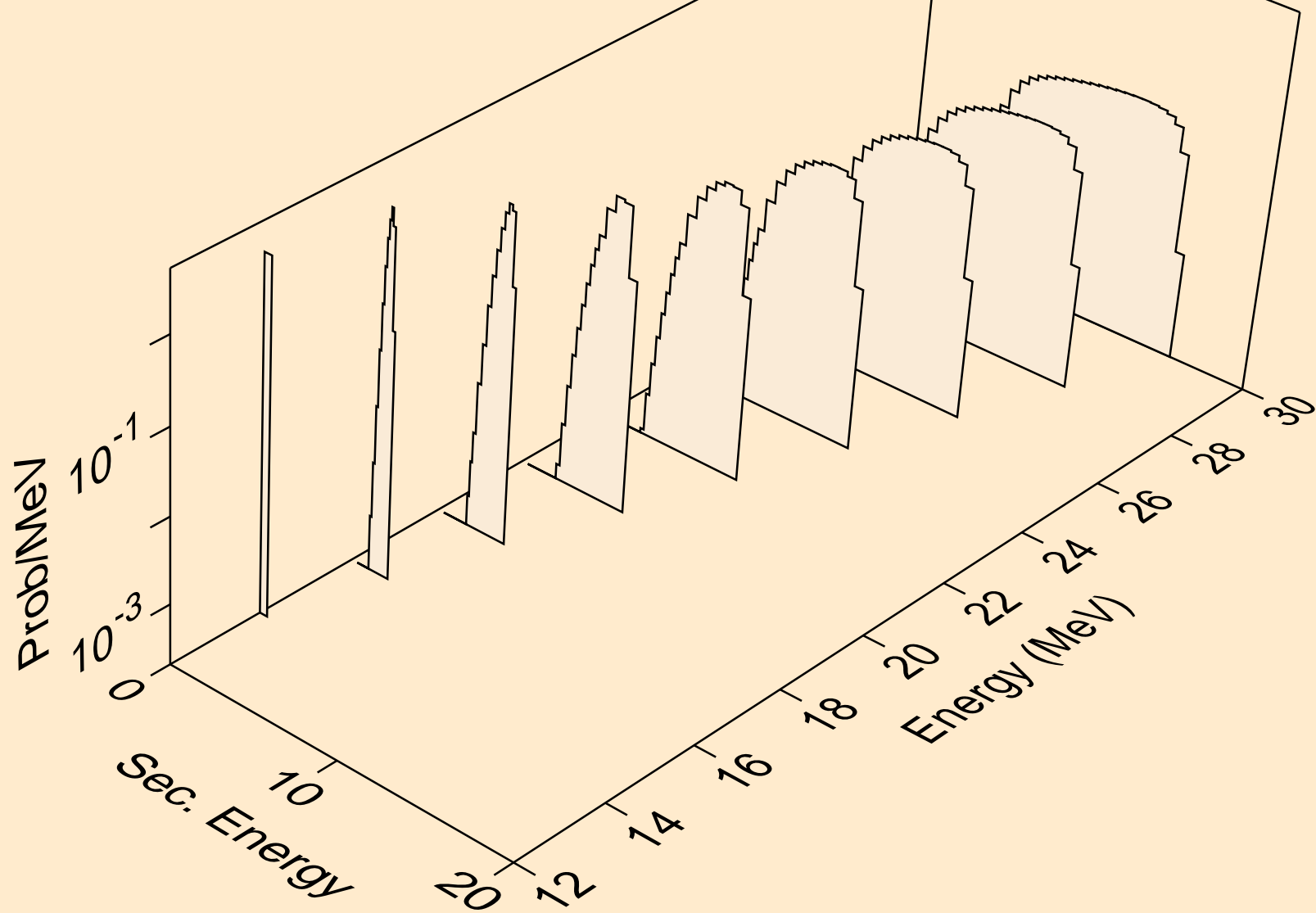




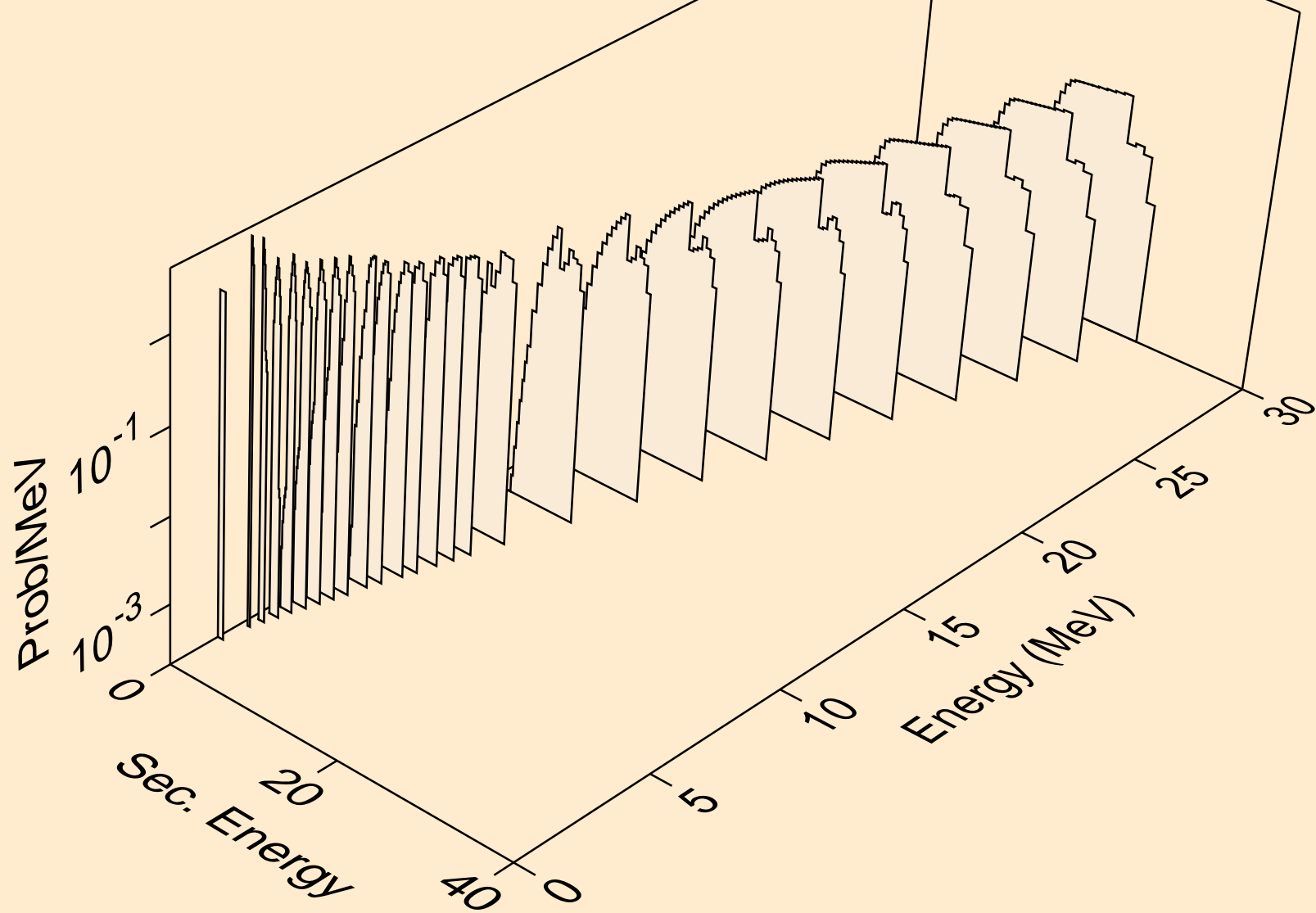
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deuterons from (n,2nd)



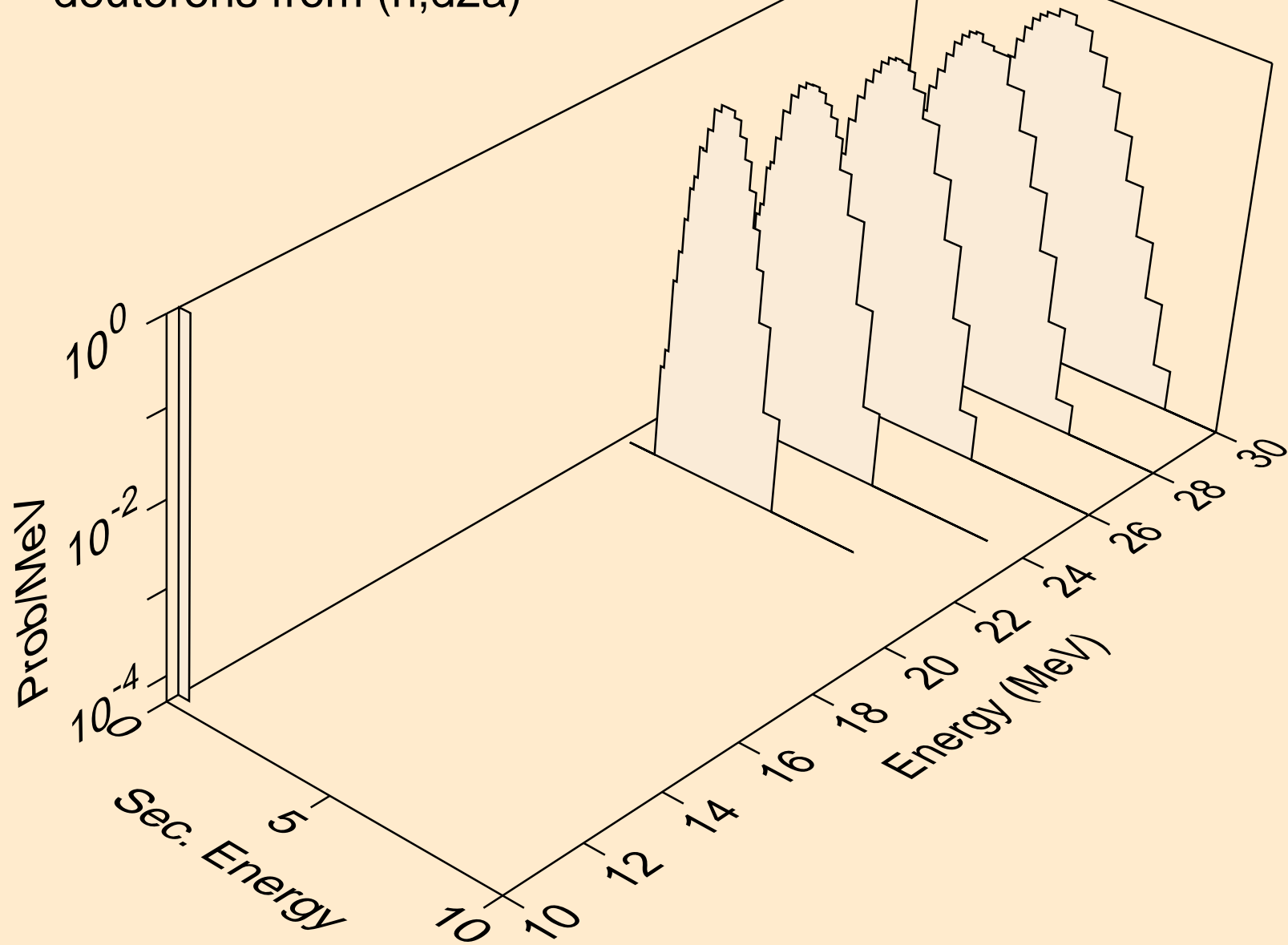
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deuterons from (n,n\*)d



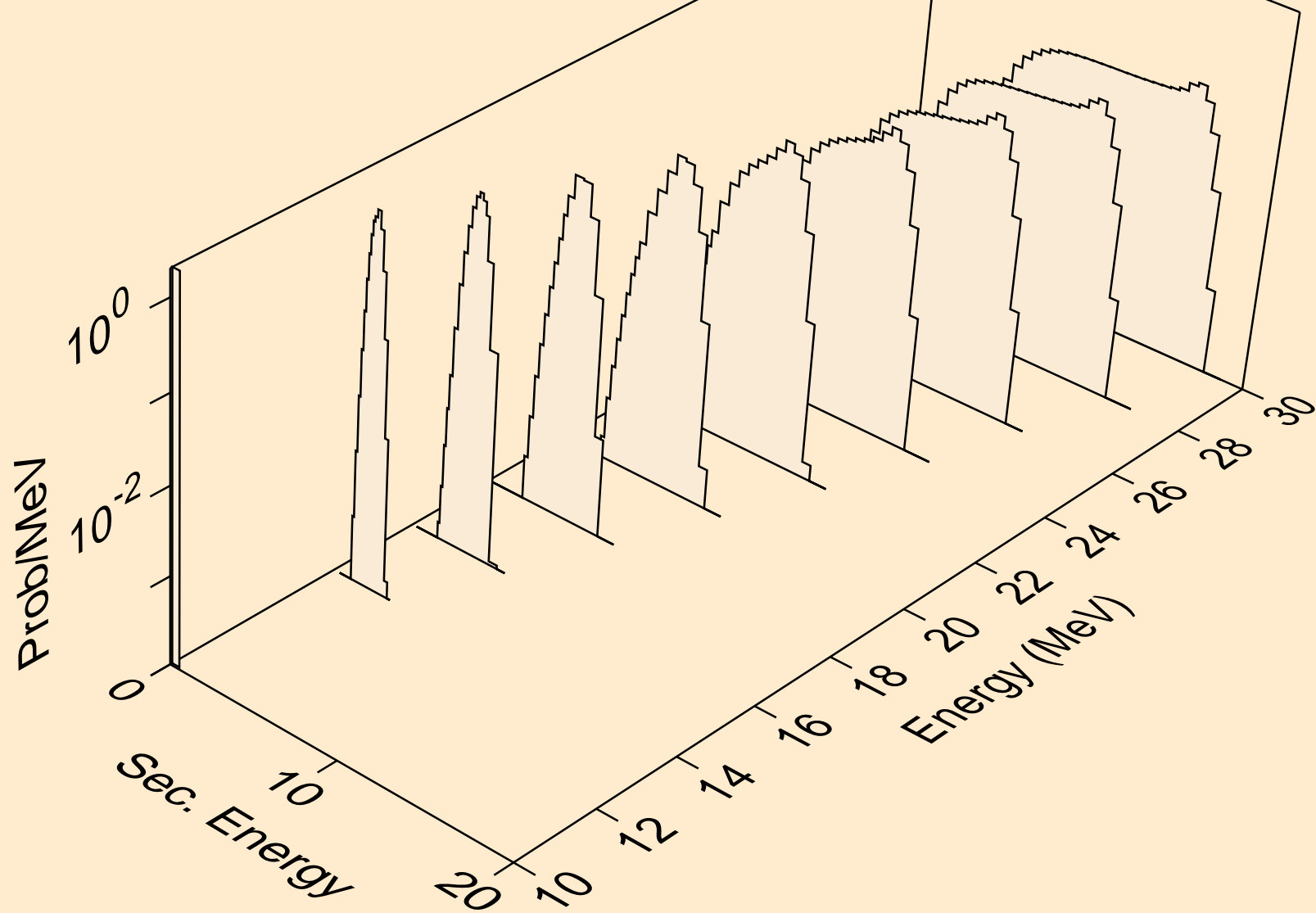
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deuterons from (n,d)



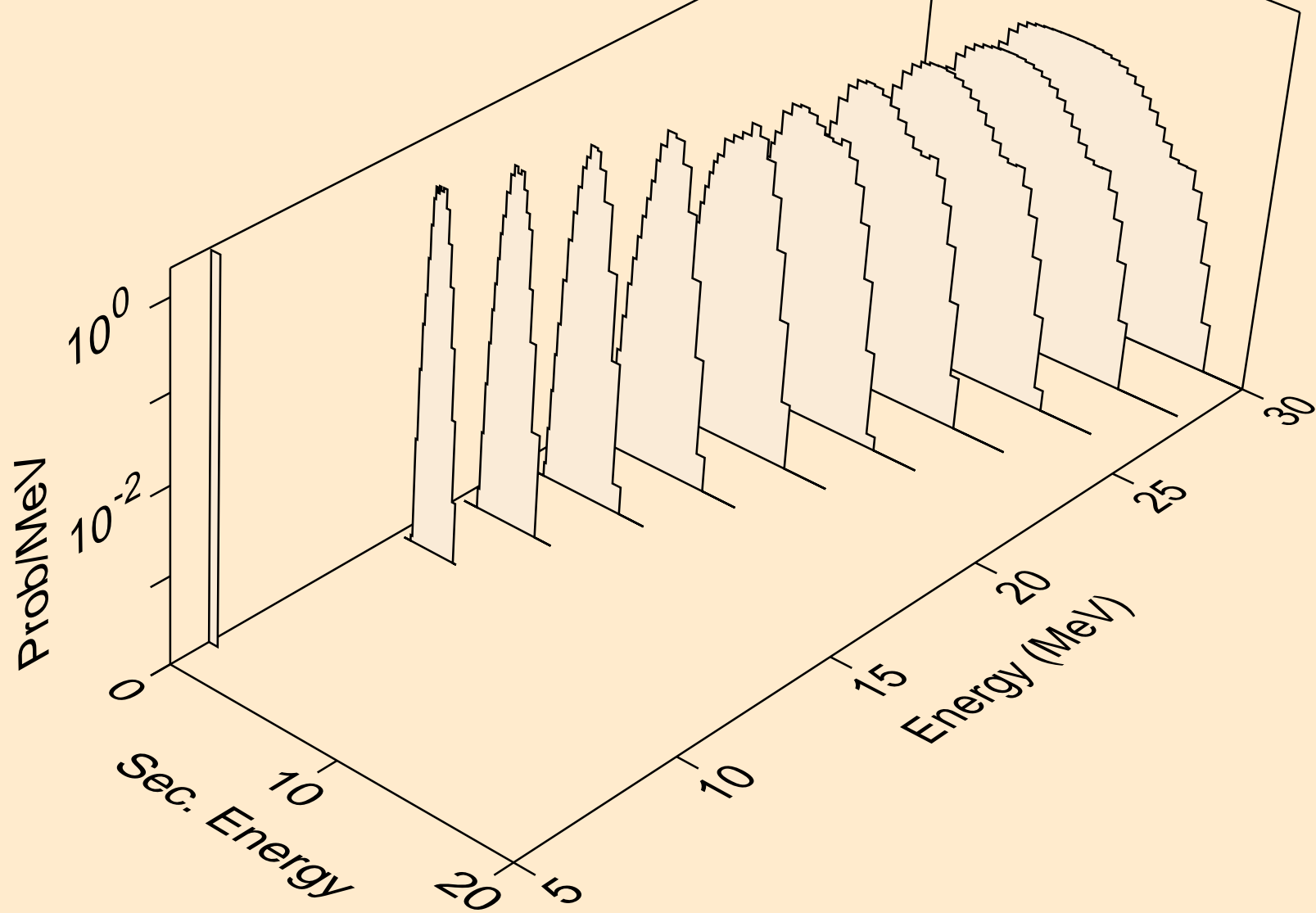
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deuterons from (n,d2a)



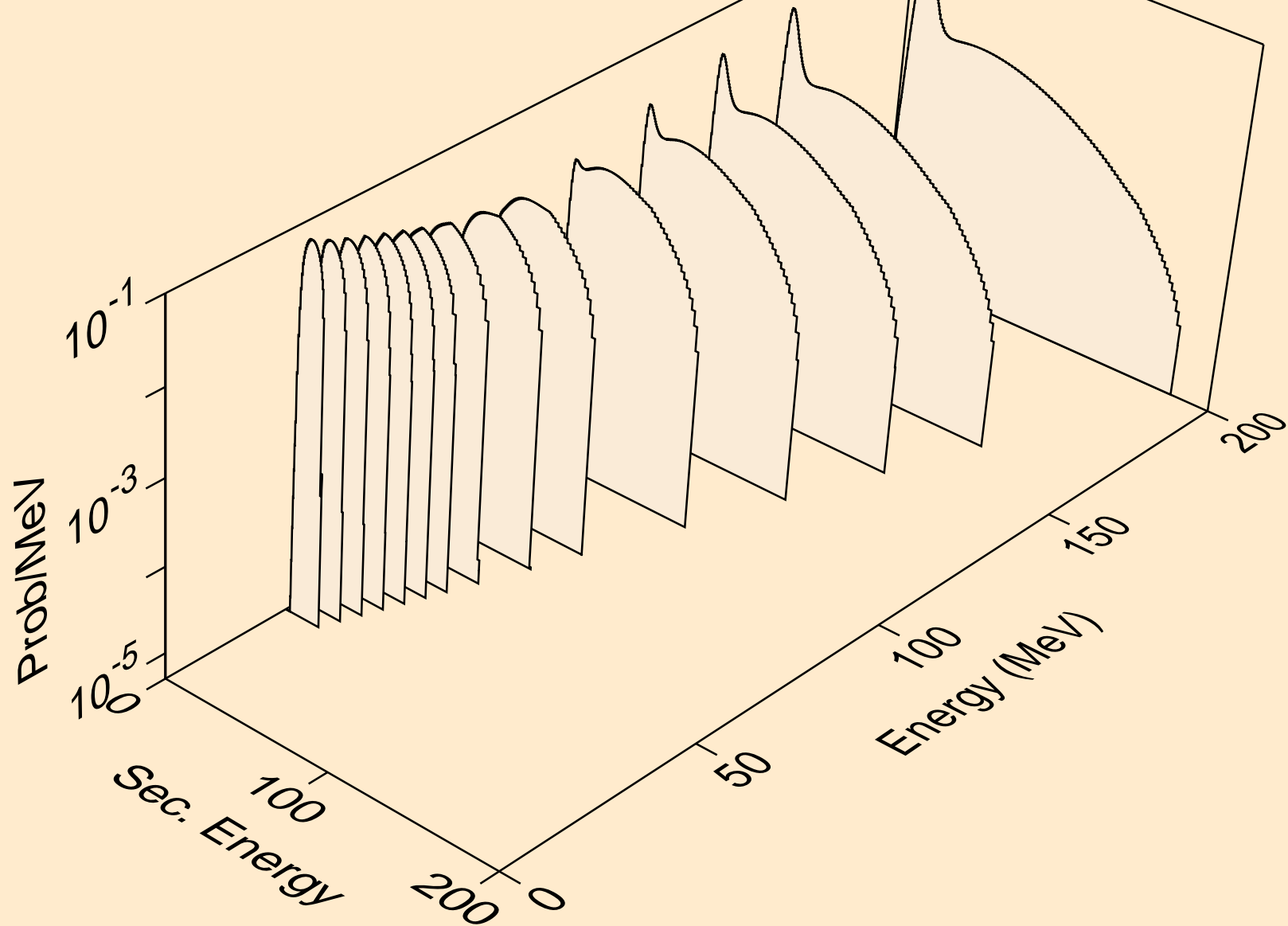
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deuterons from (n,pd)



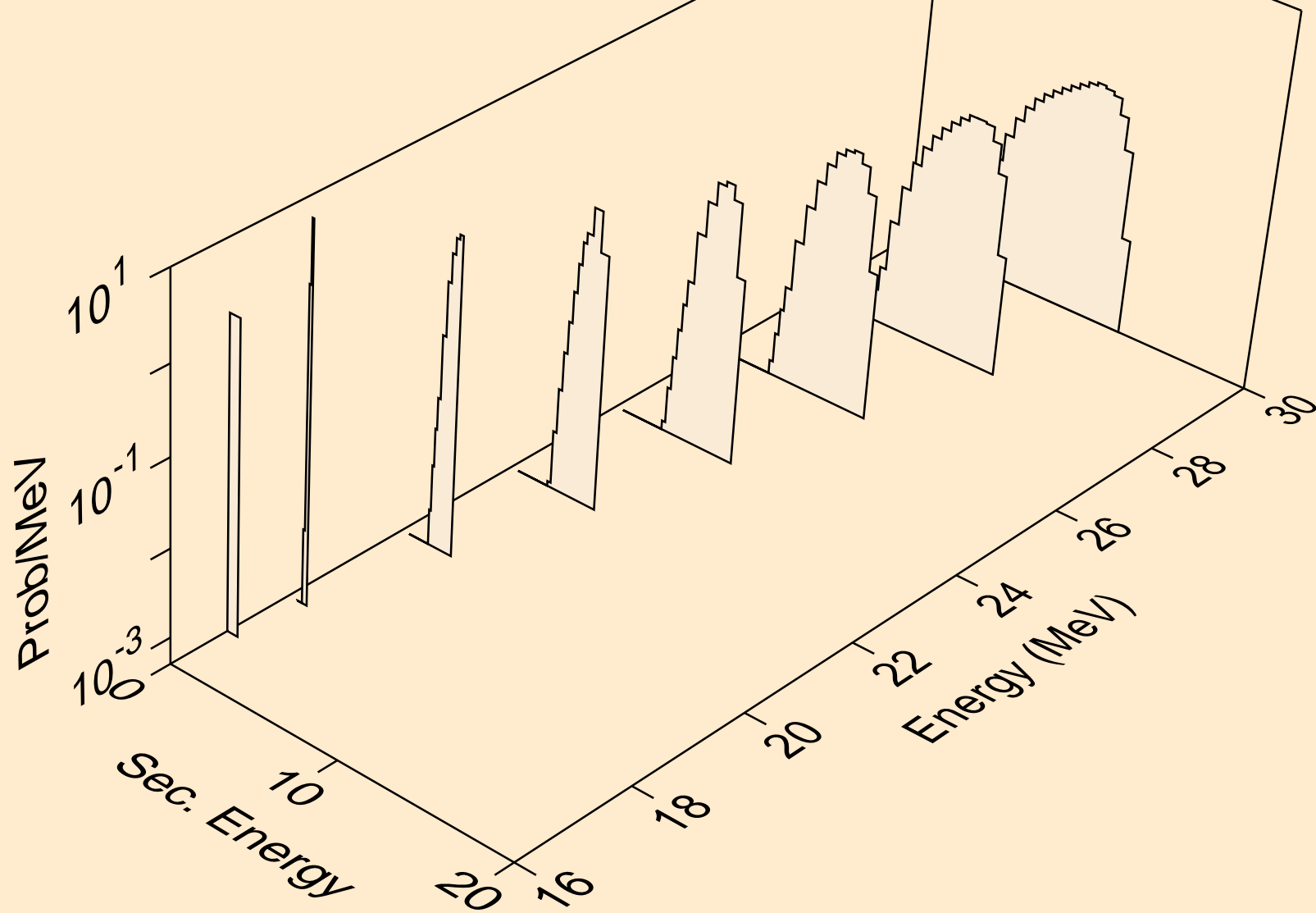
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deuterons from (n,da)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

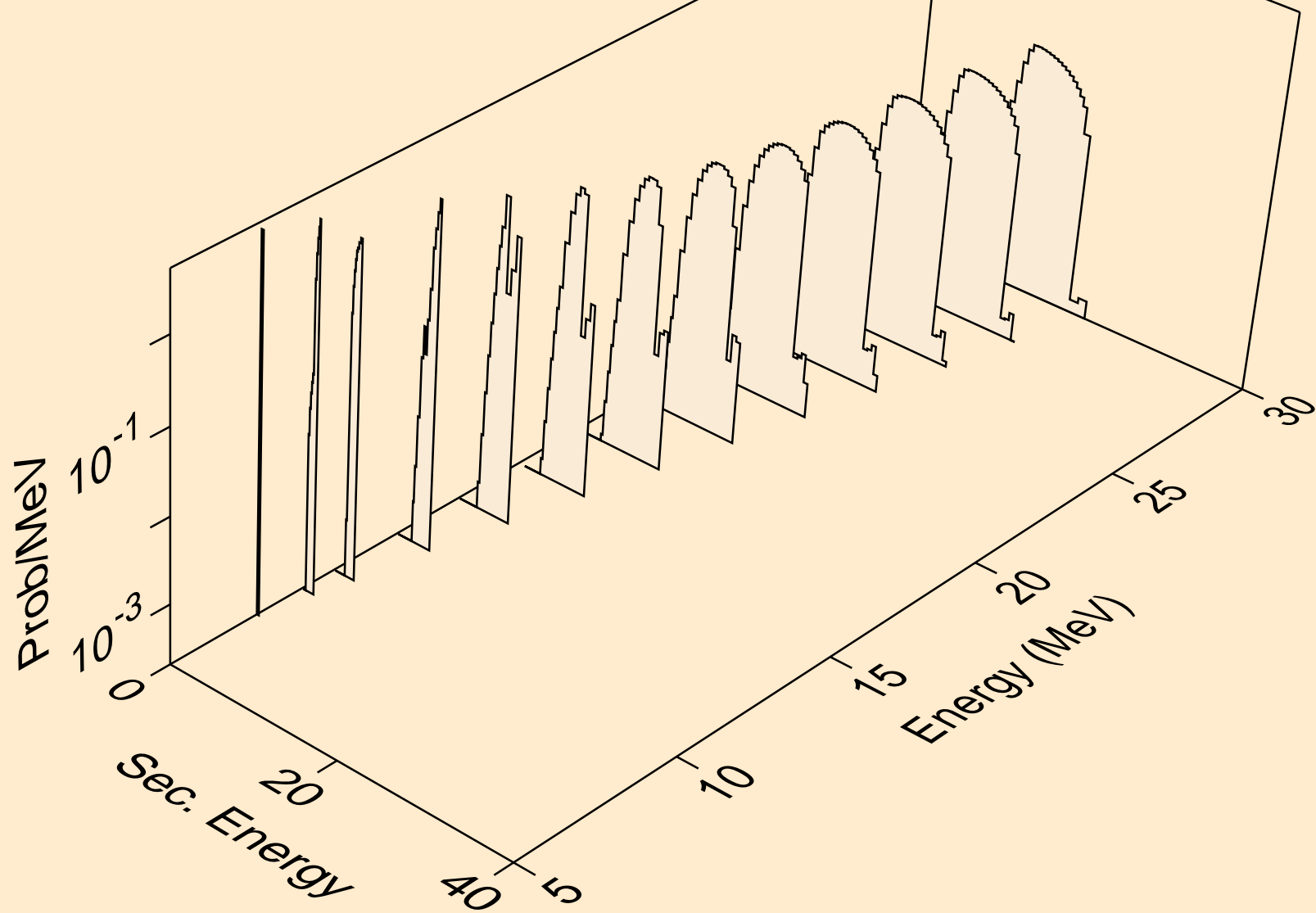


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

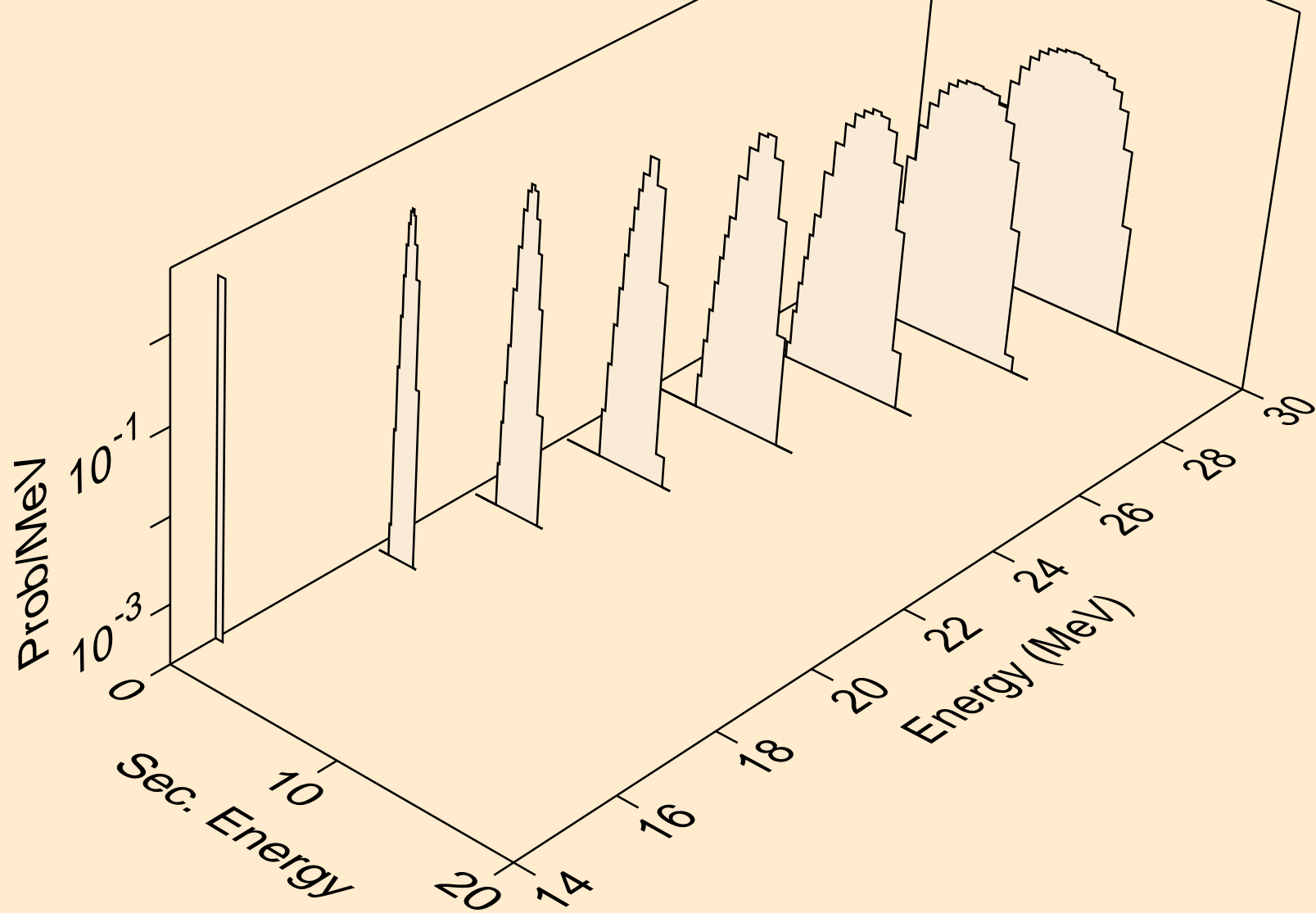




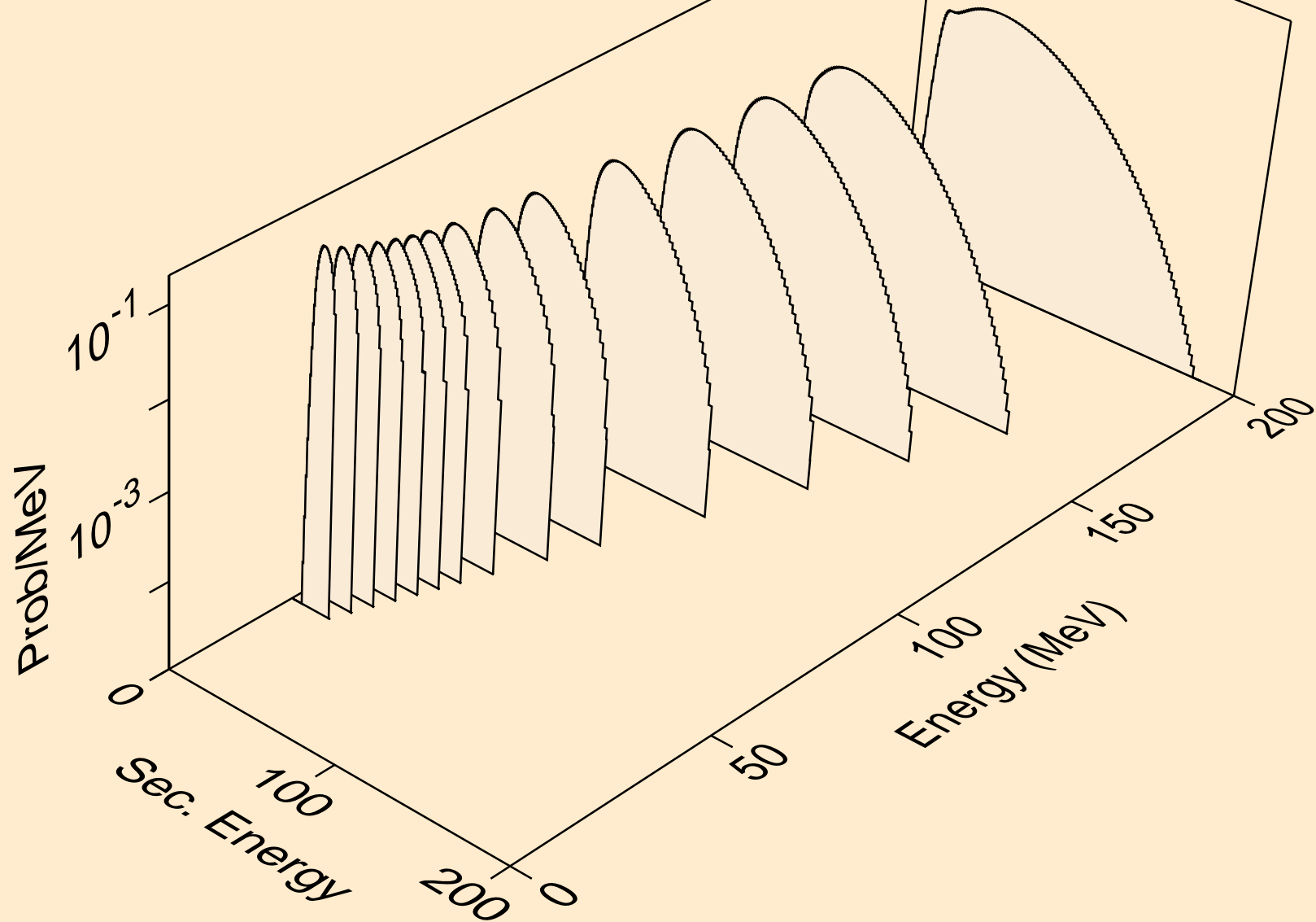
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tritons from (n,t)



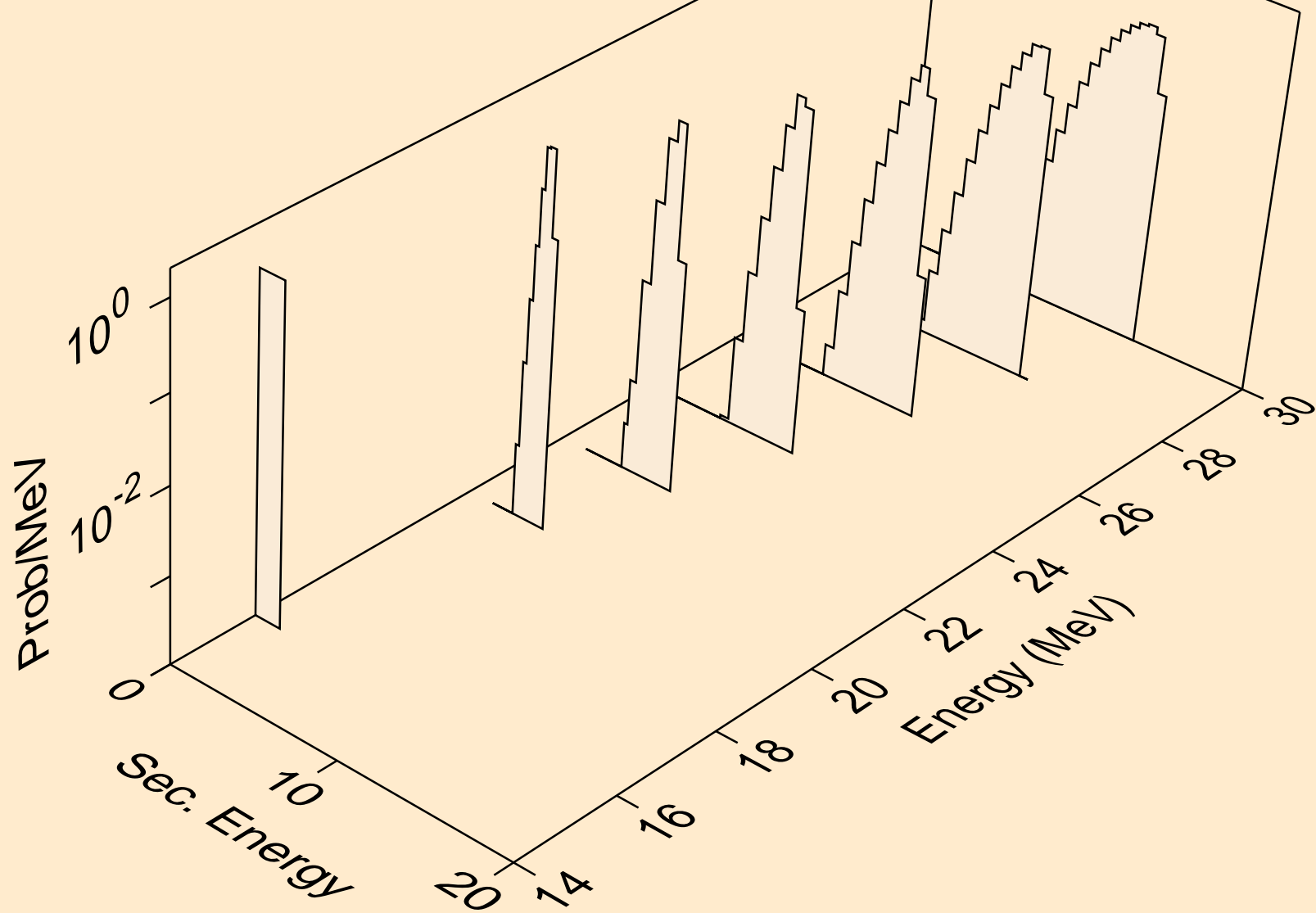
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tritons from (n,pt)



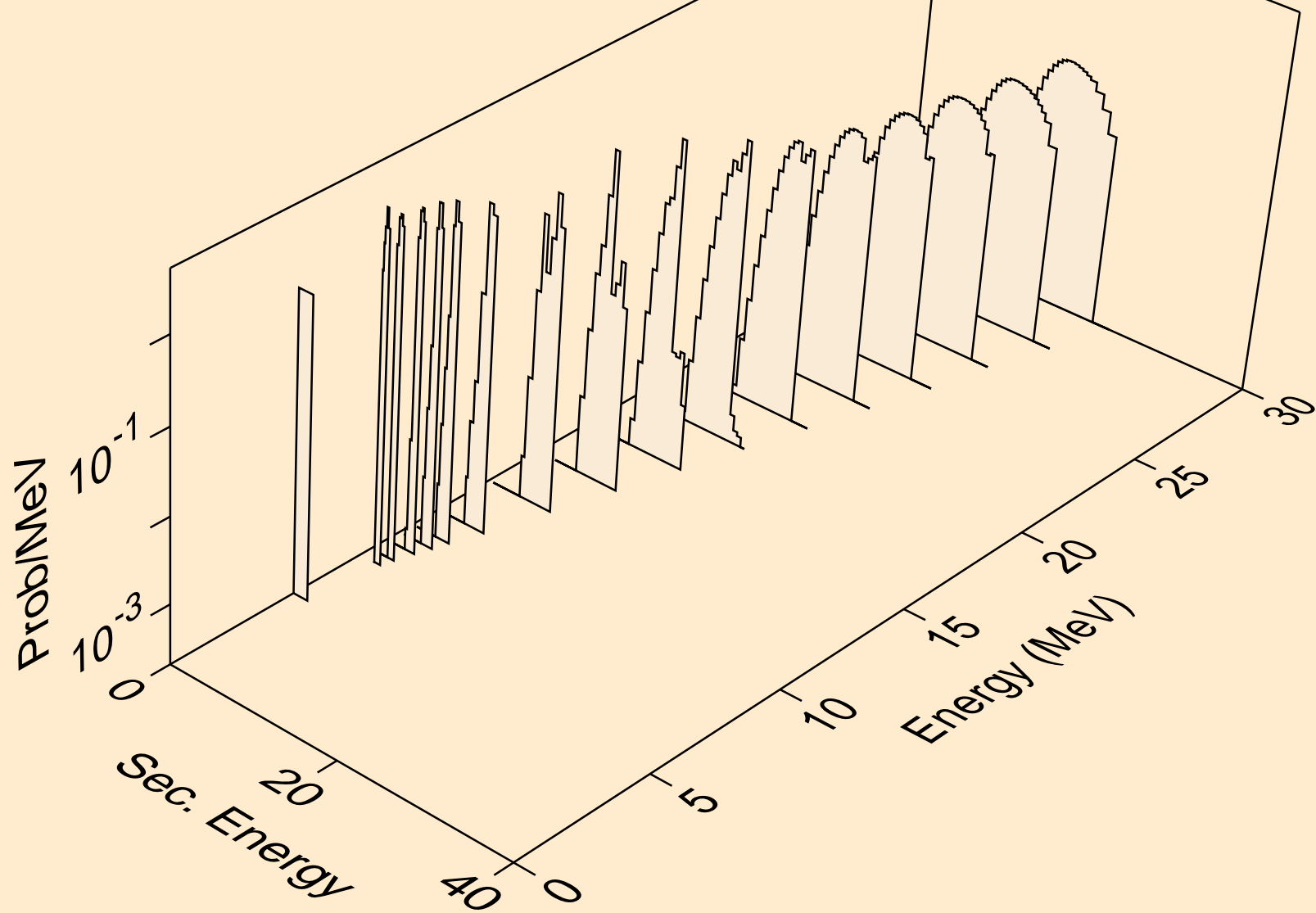
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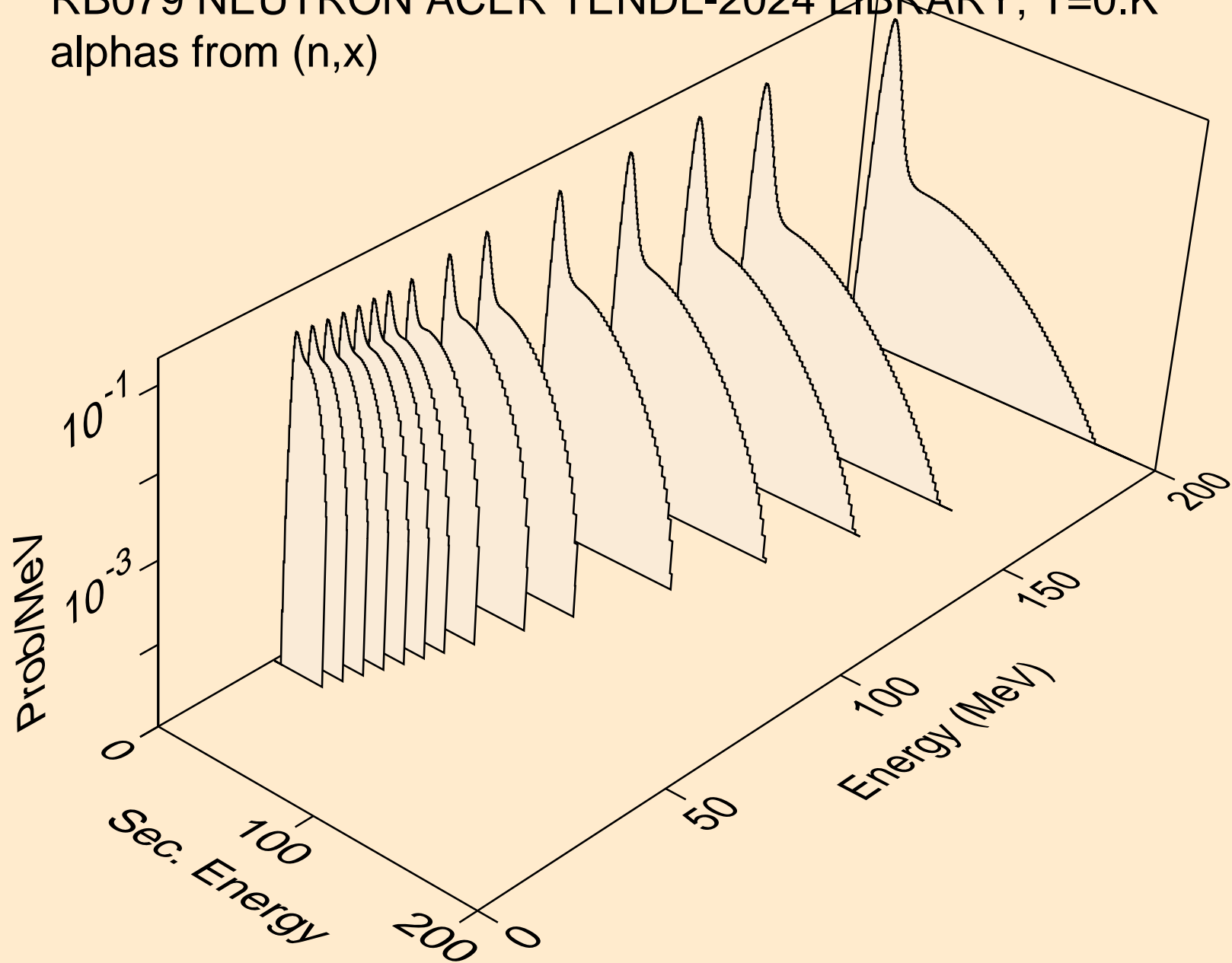
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he3s from (n,n\*)he3



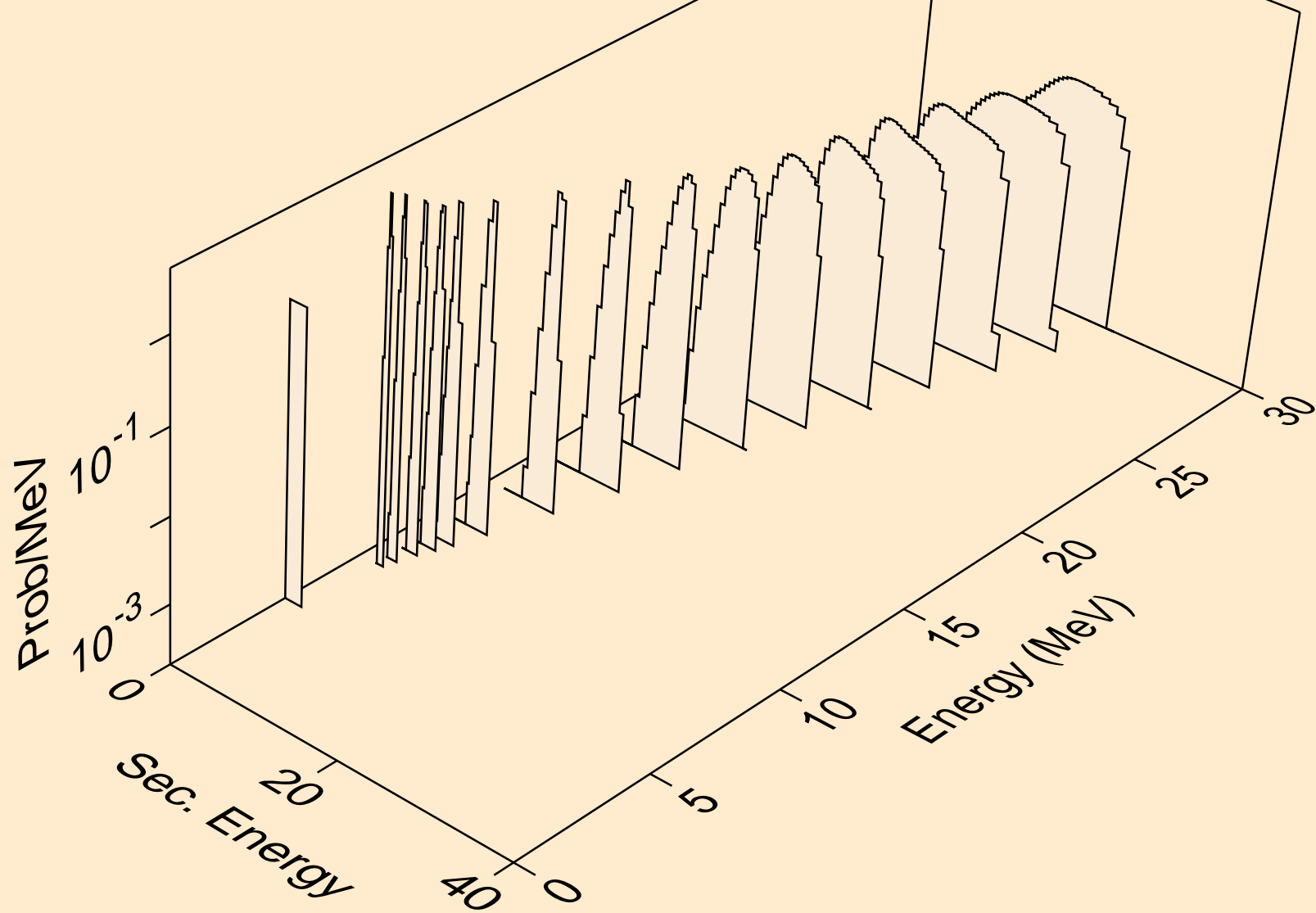
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he3s from (n,he3)



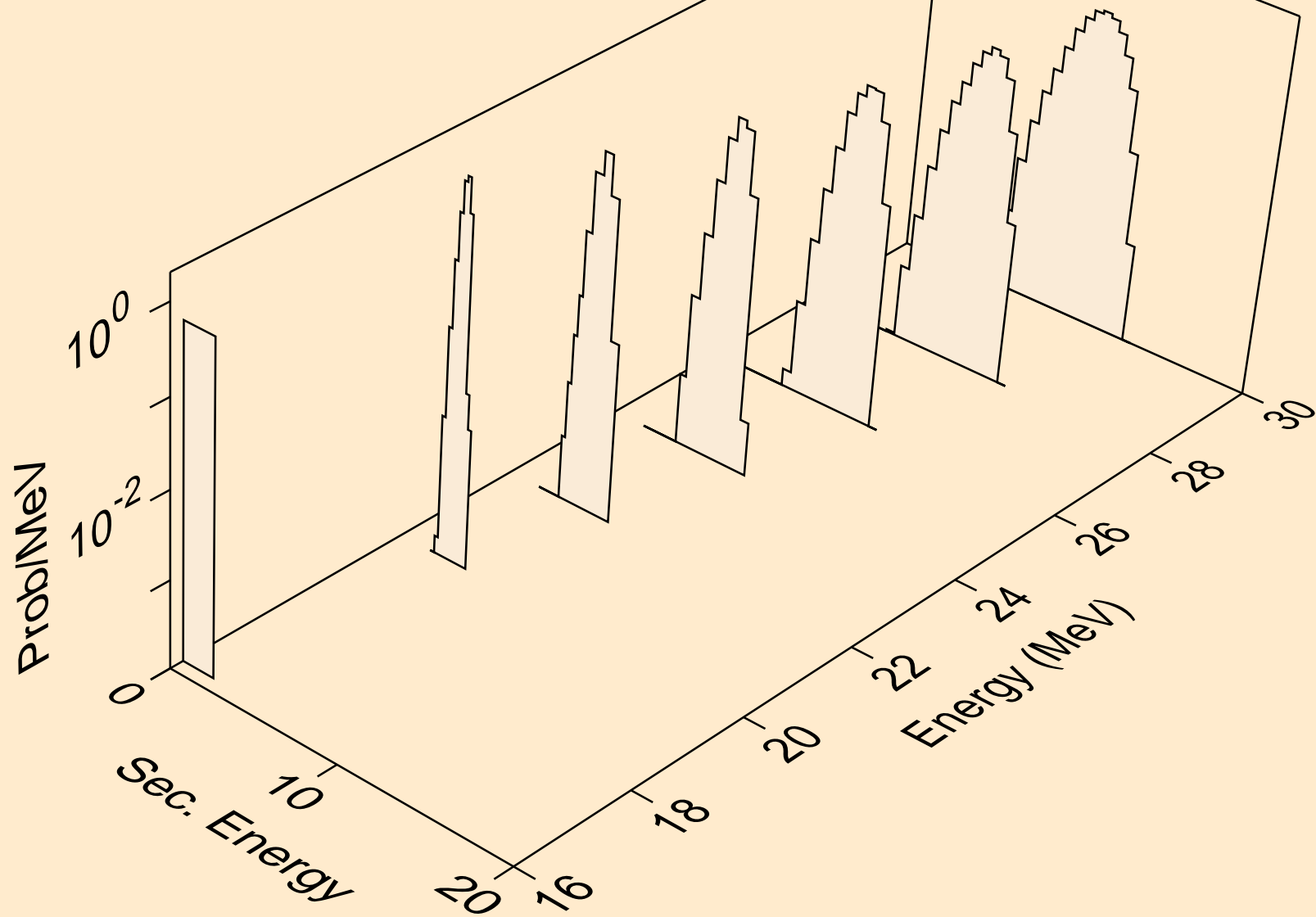
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

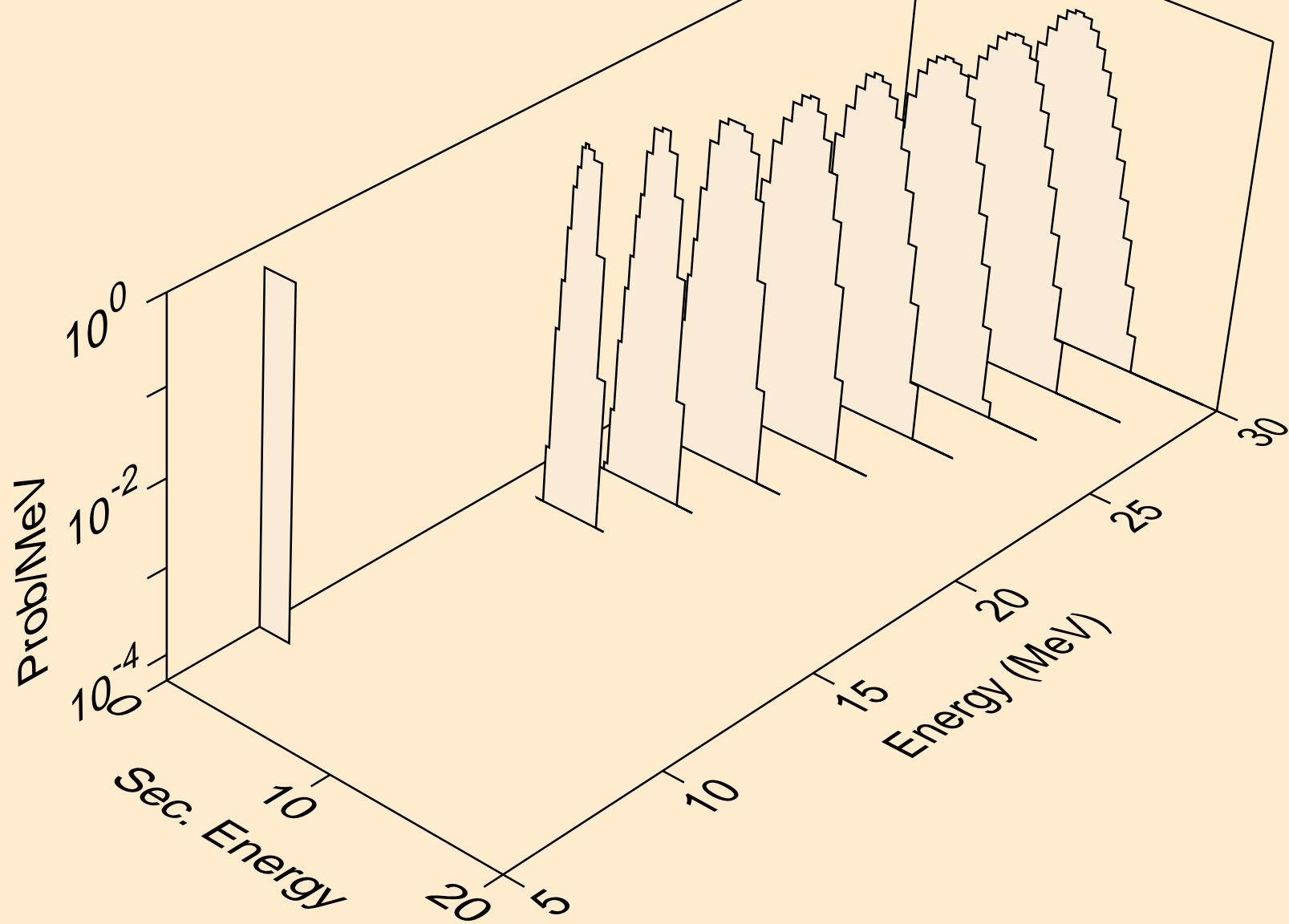


RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

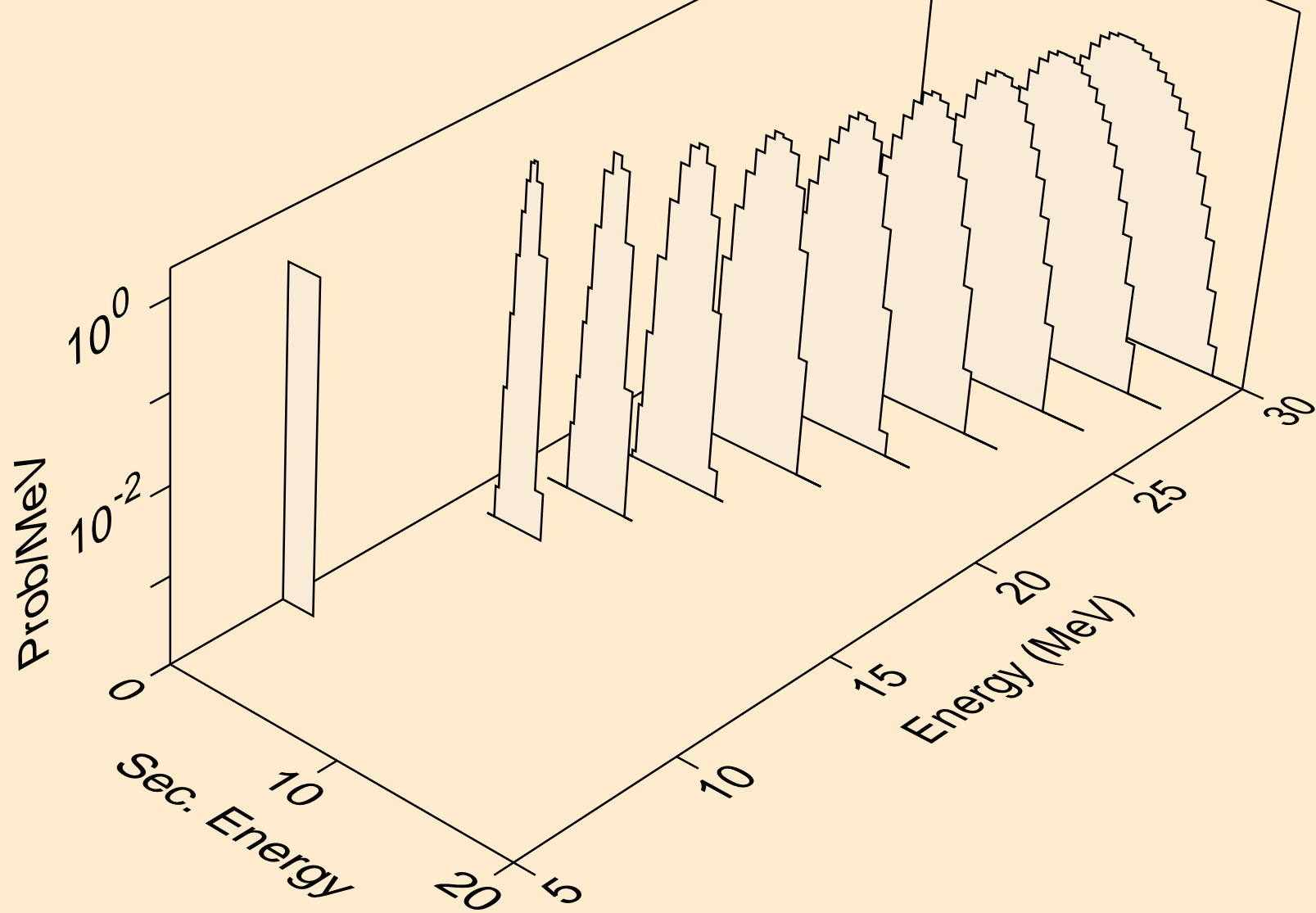




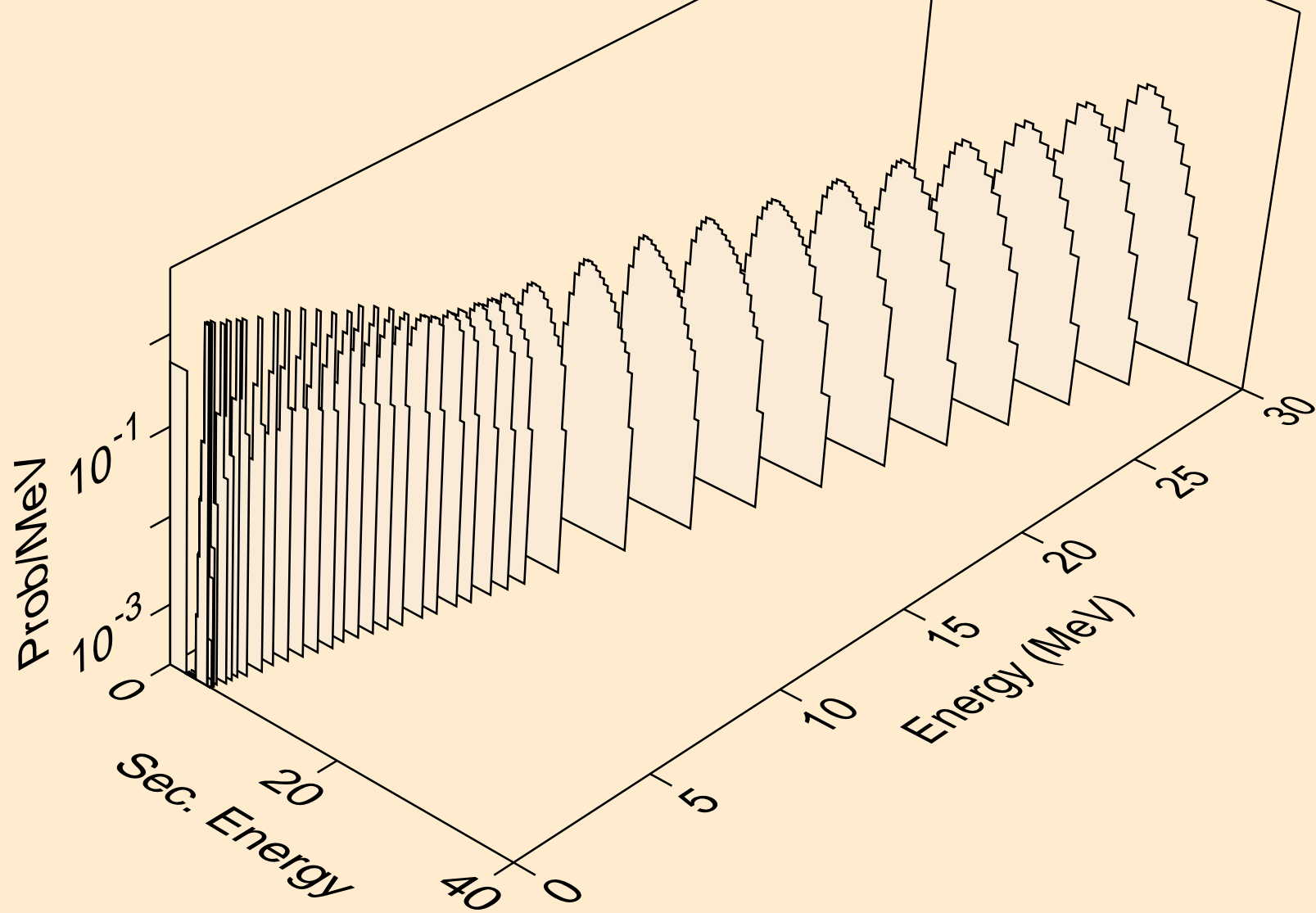
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



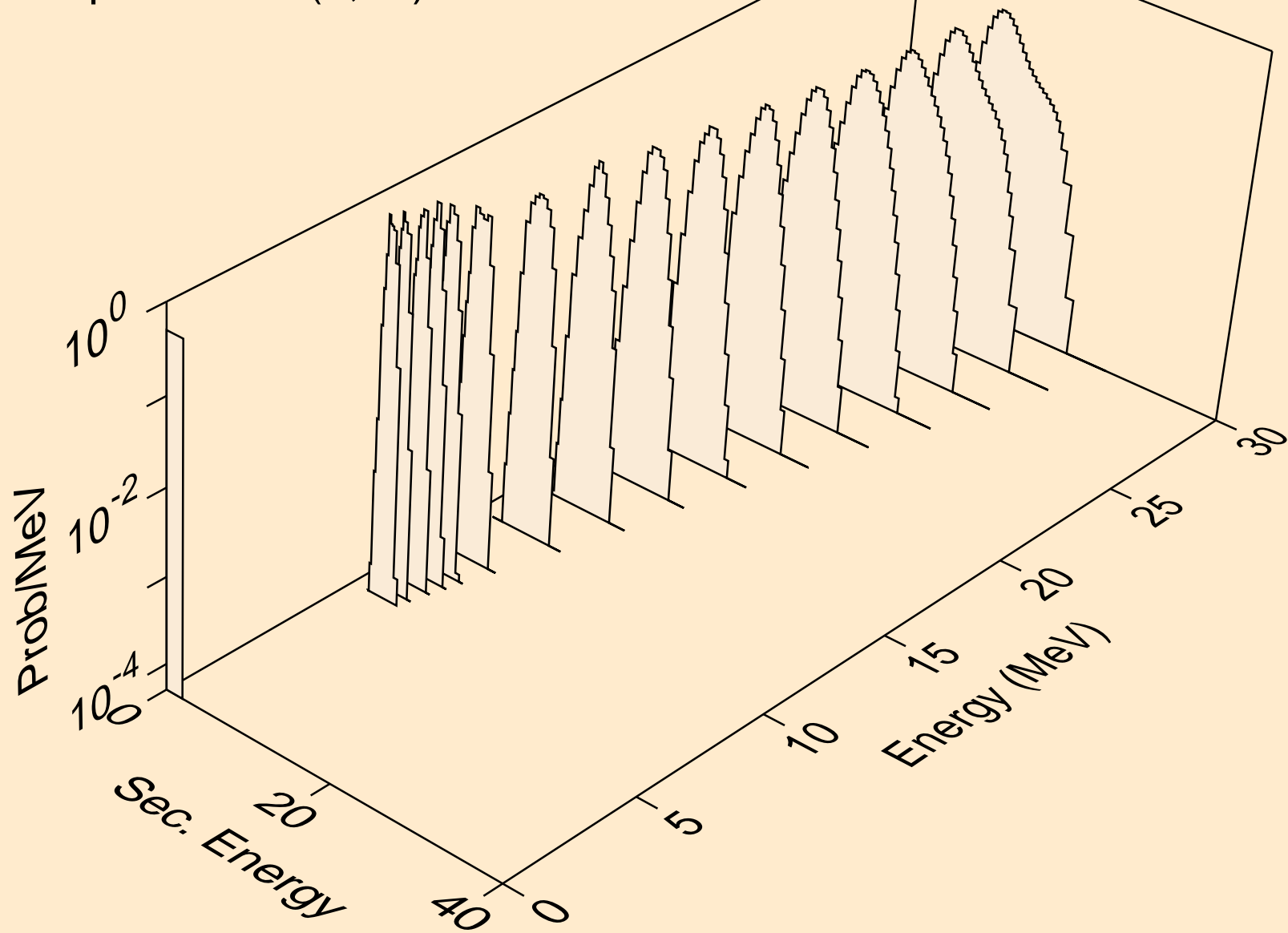
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



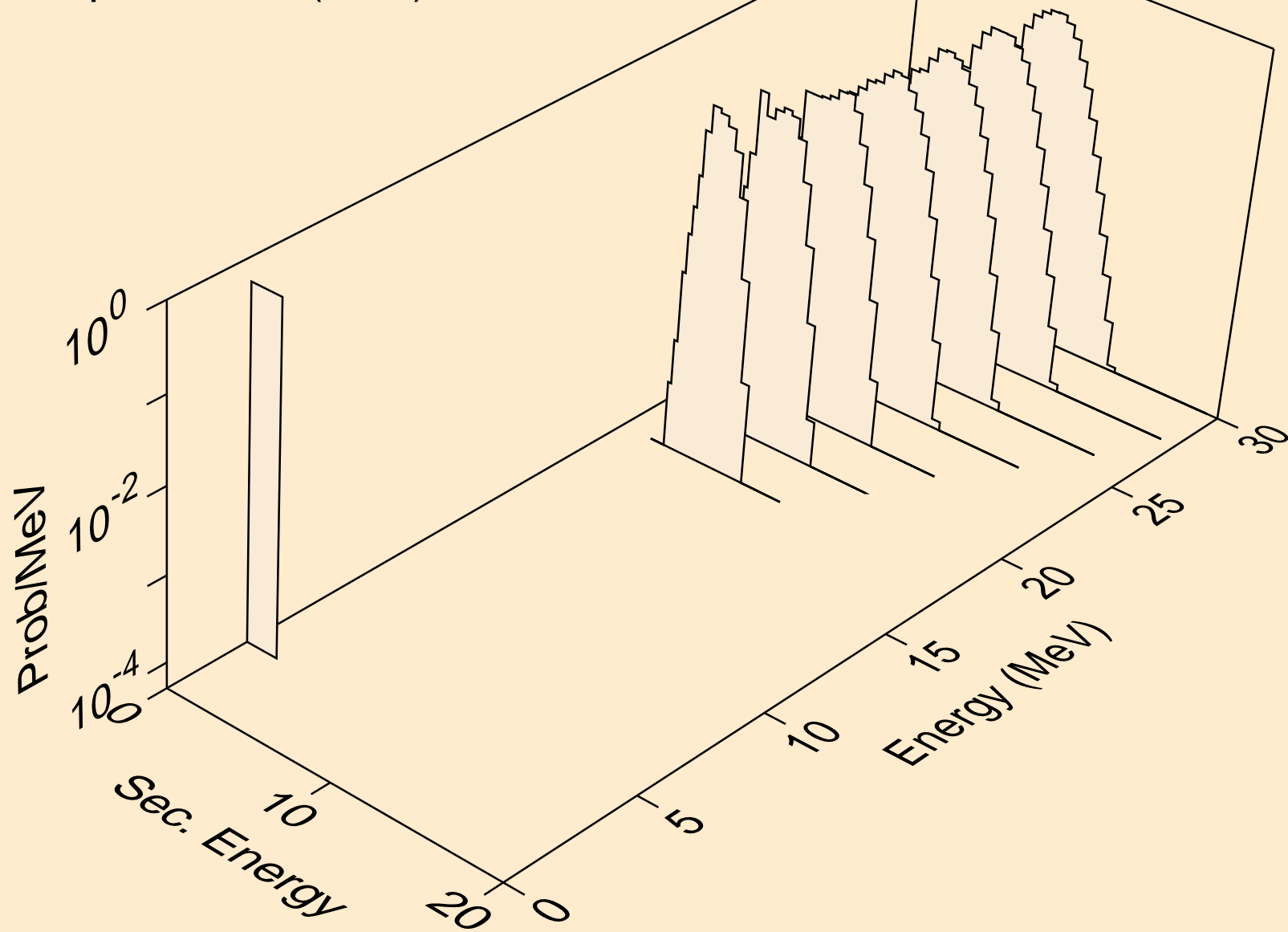
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



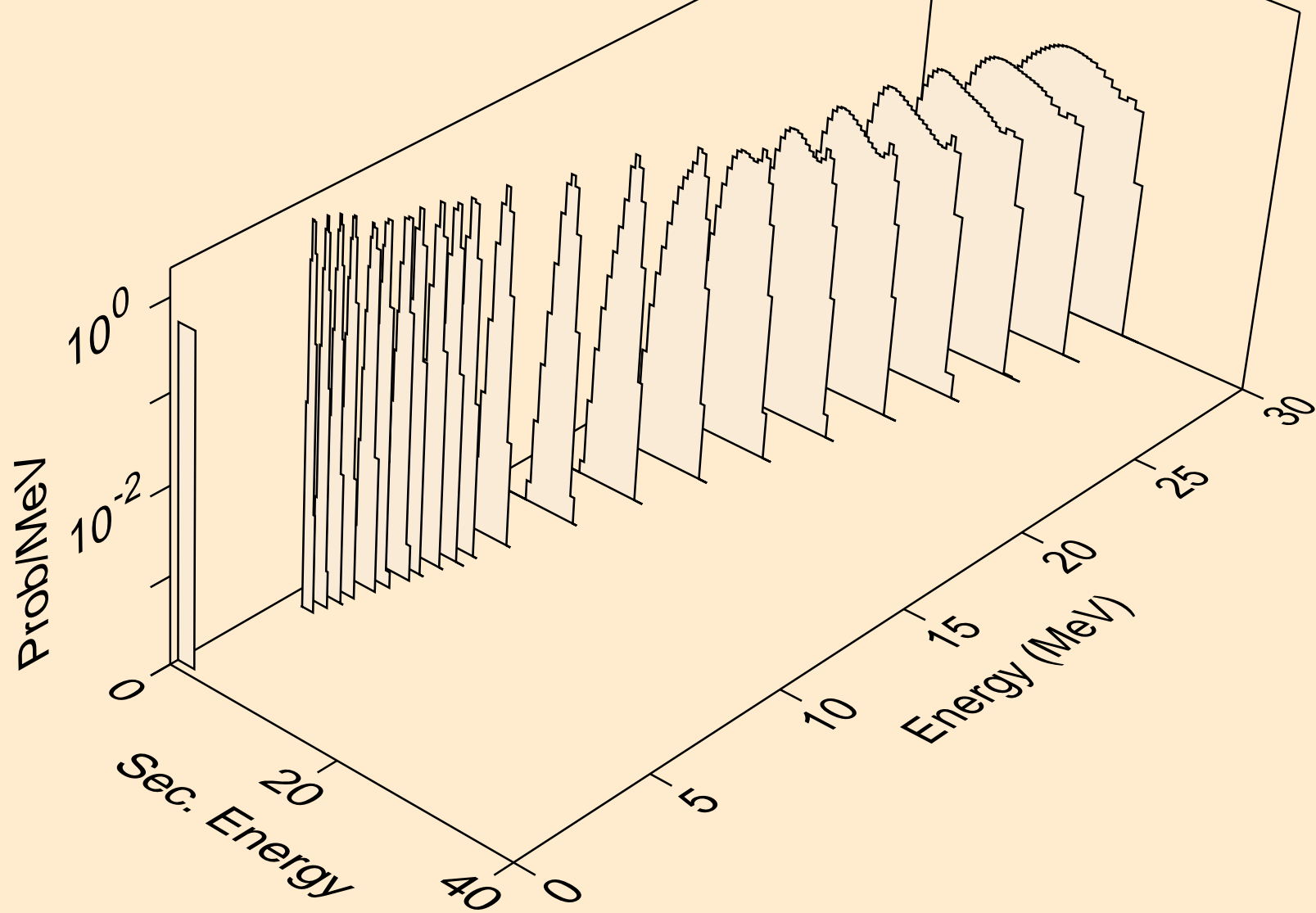
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



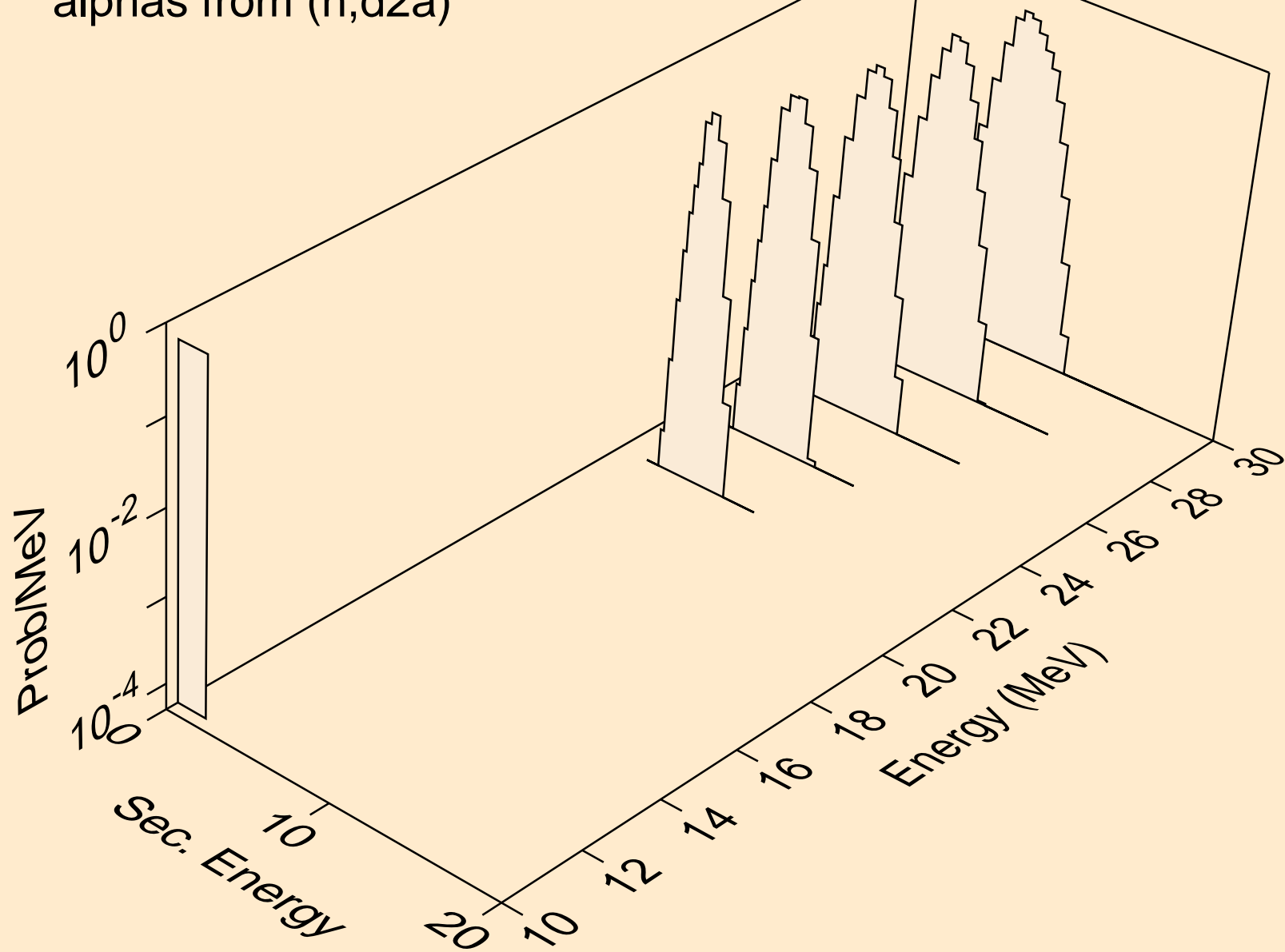
RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



RB079 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

