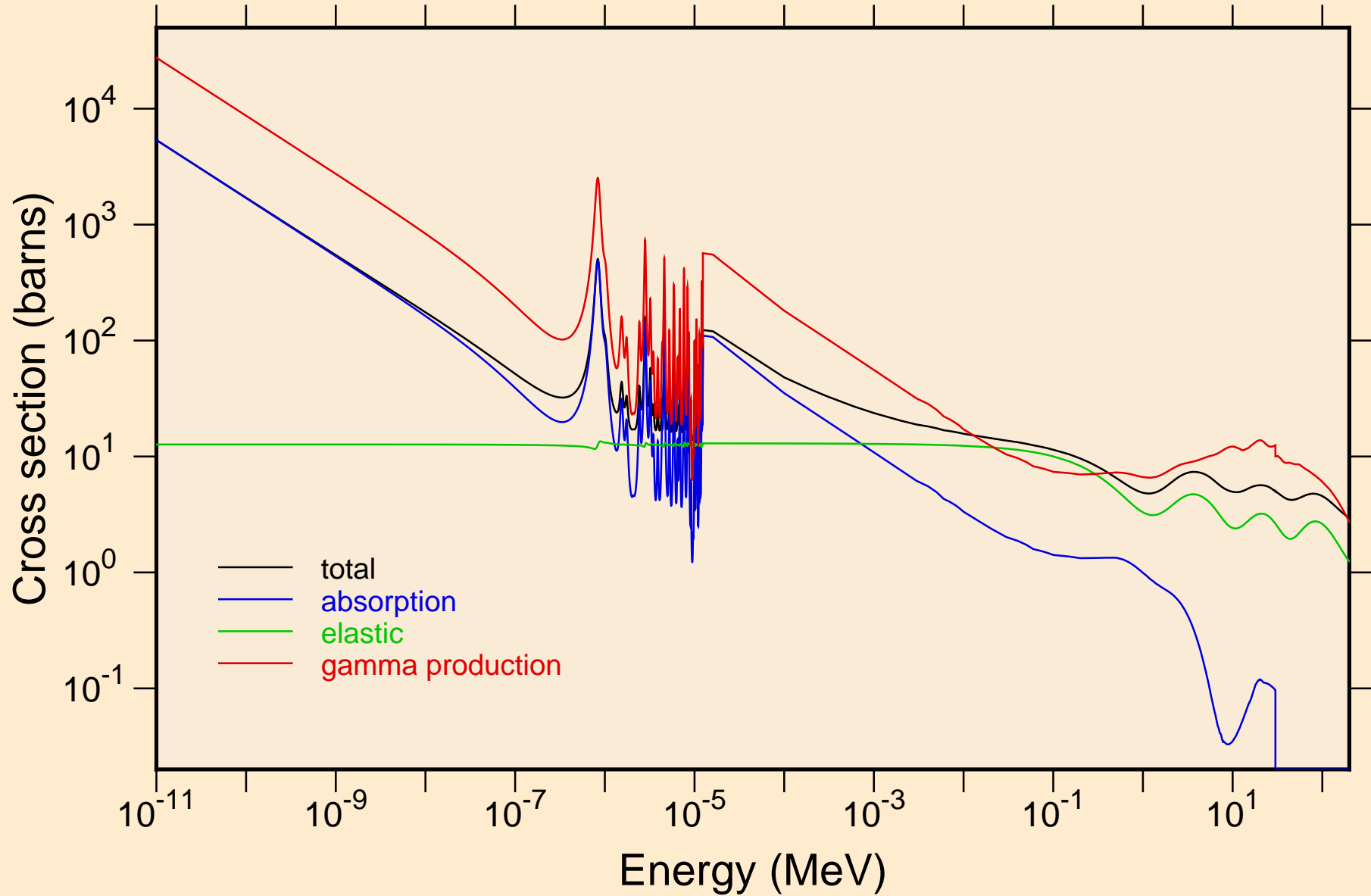
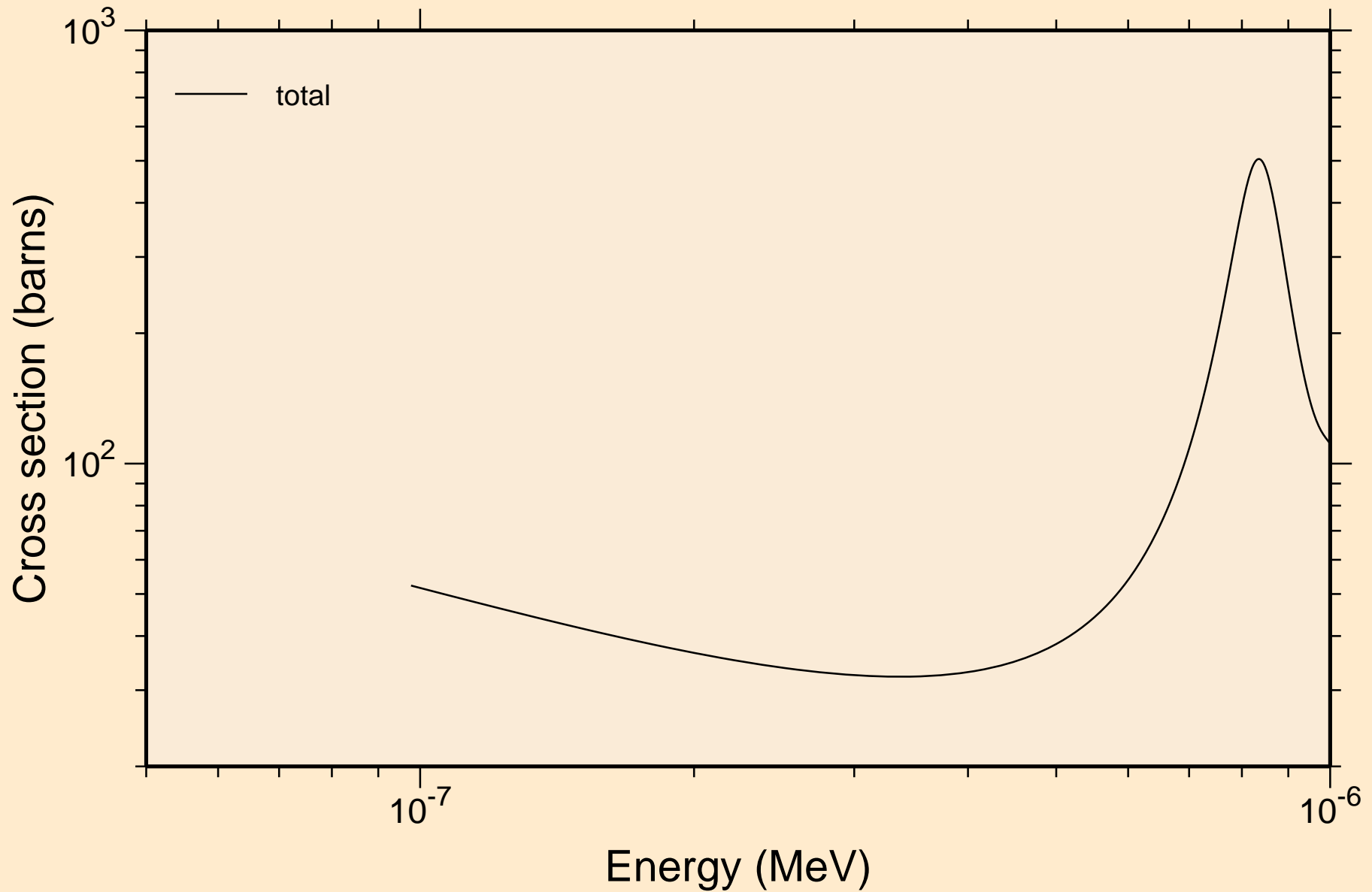


# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

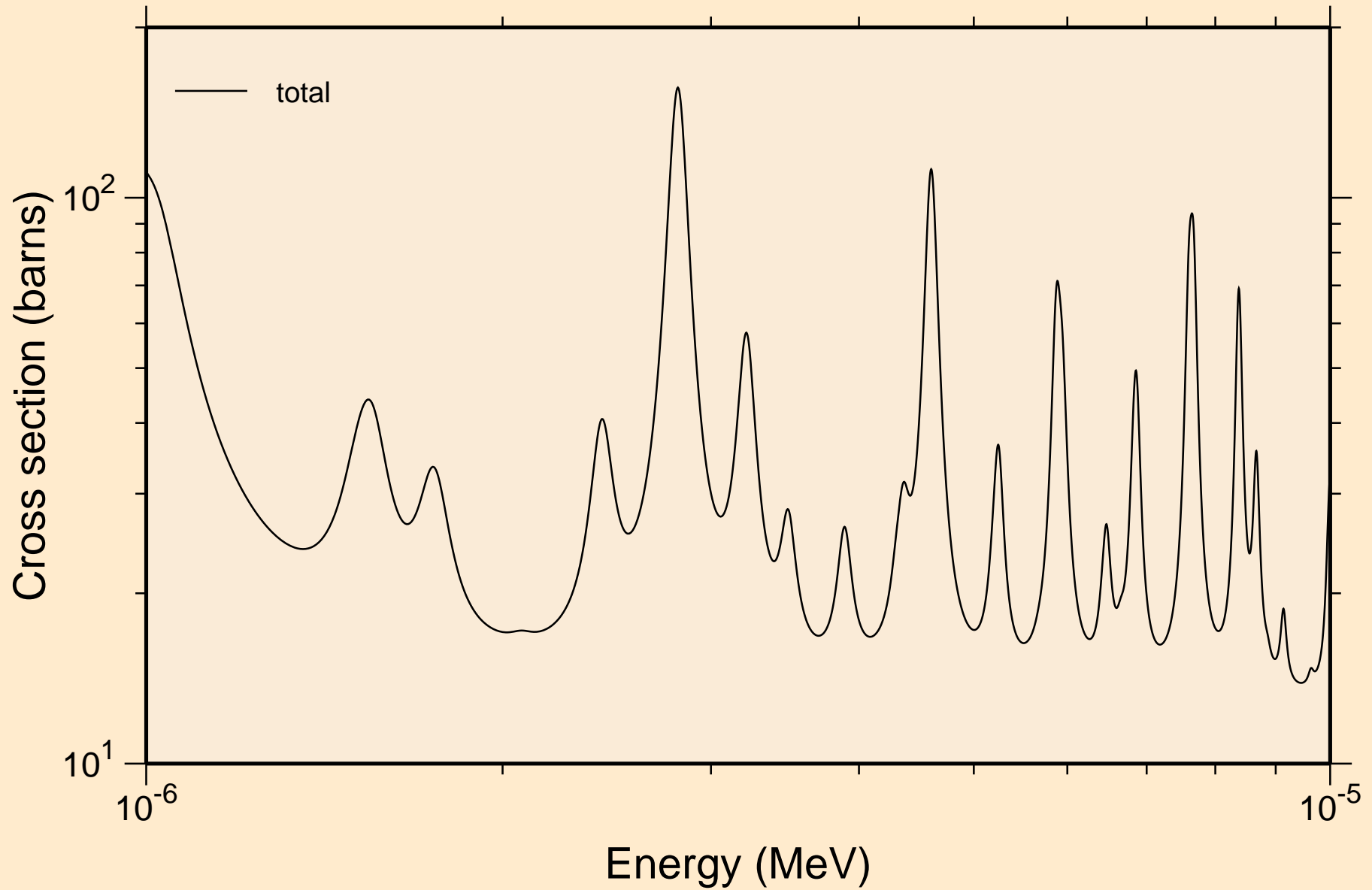
## Principal cross sections



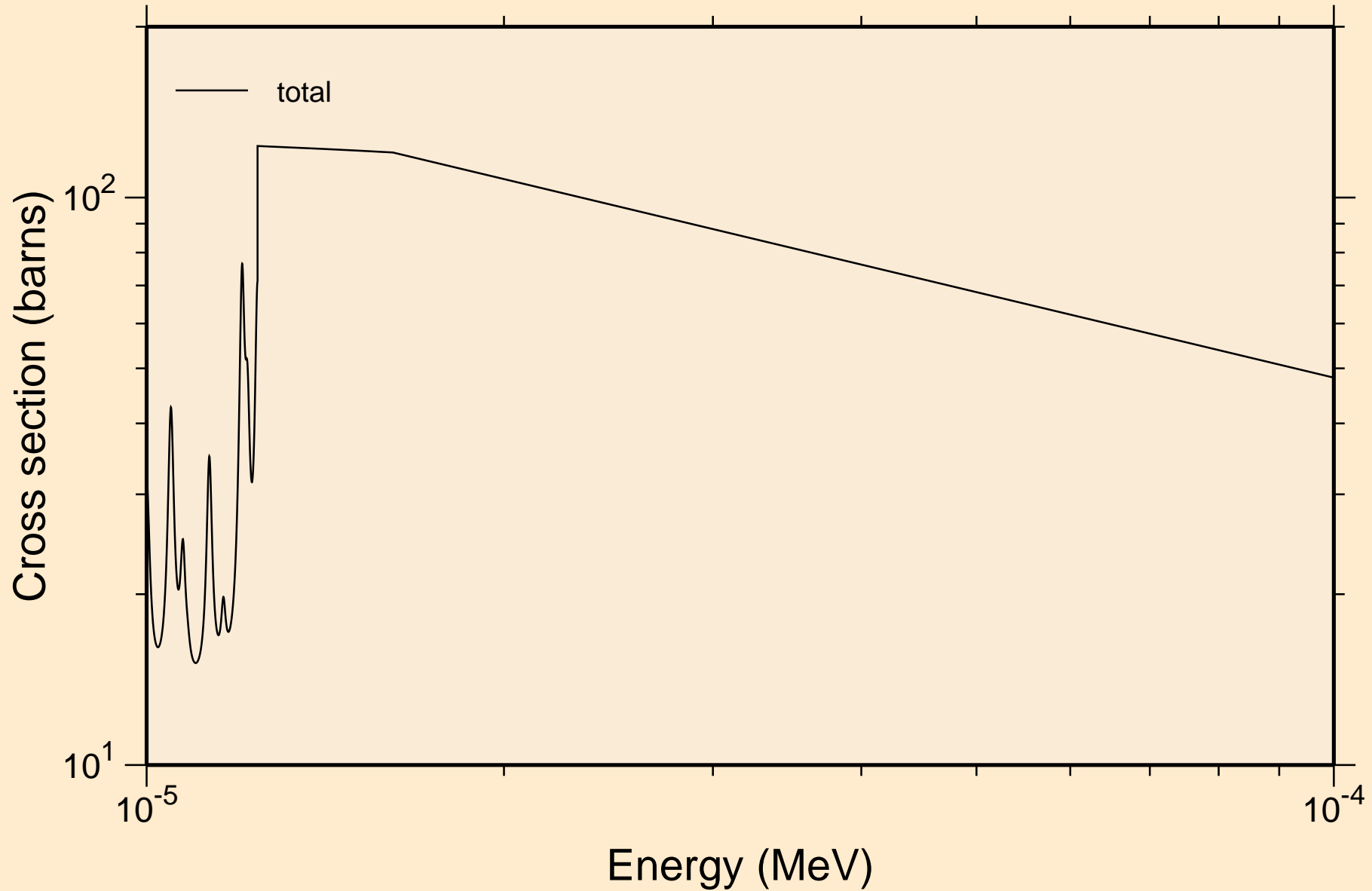
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



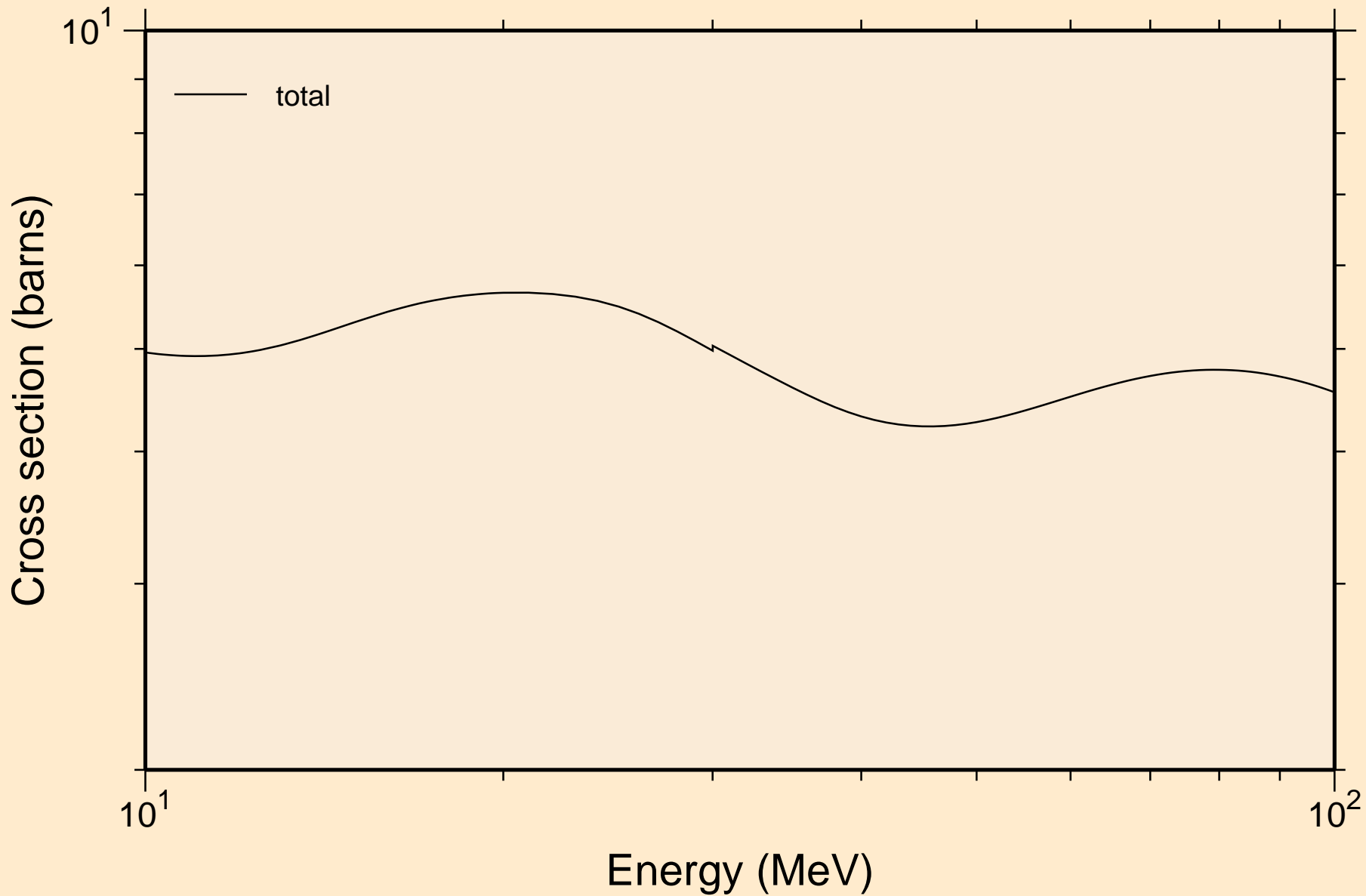
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



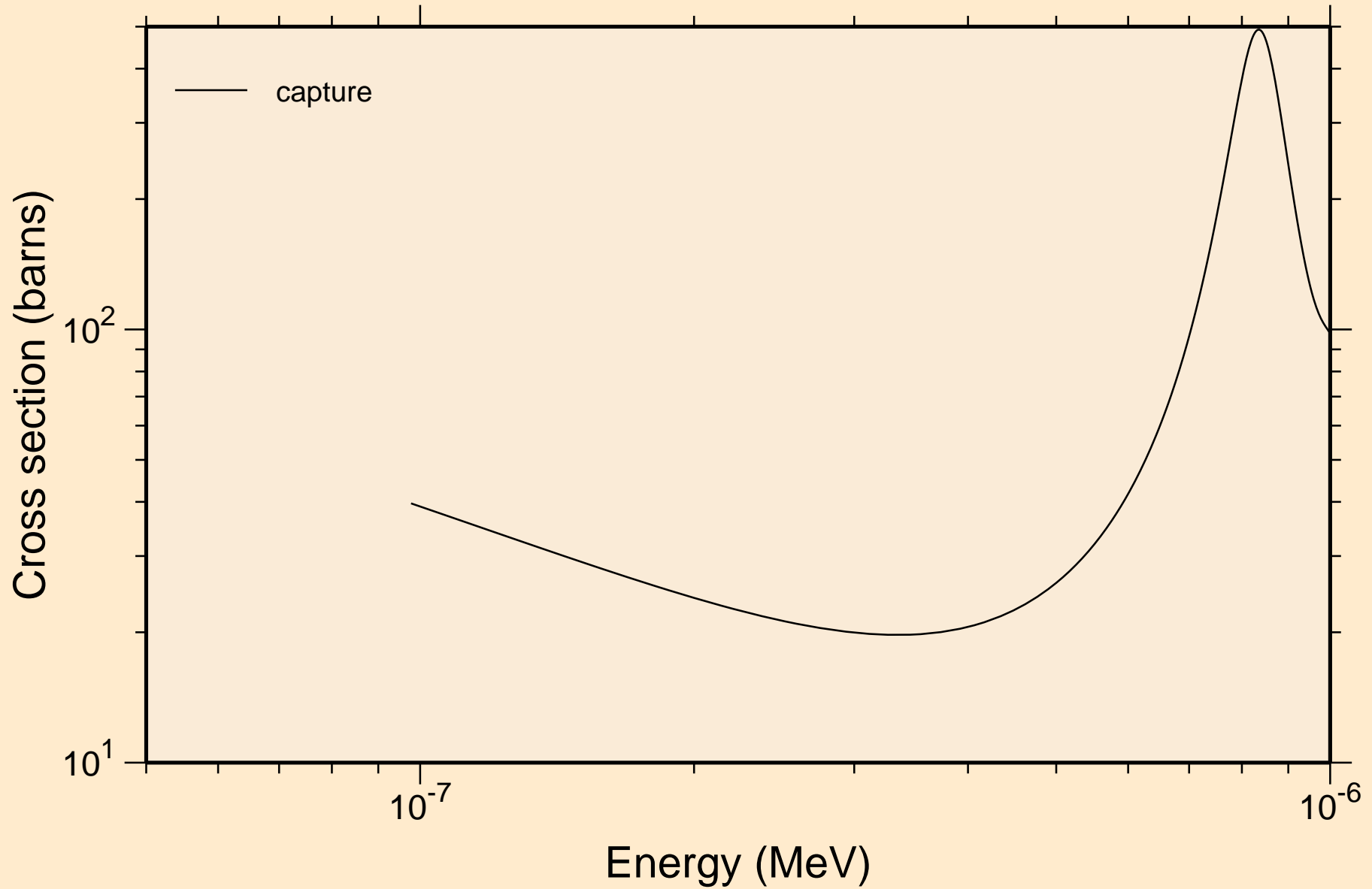
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



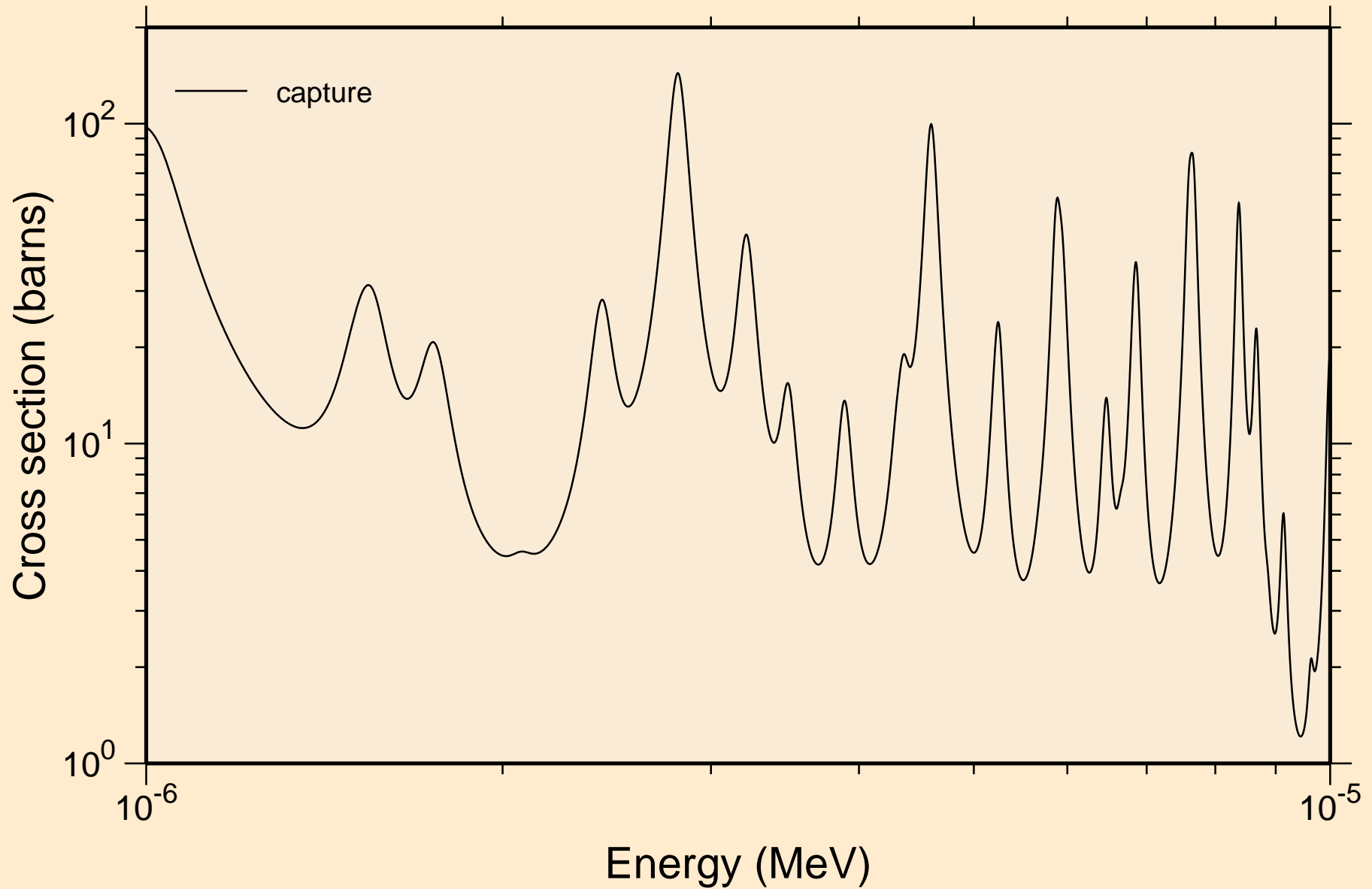
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



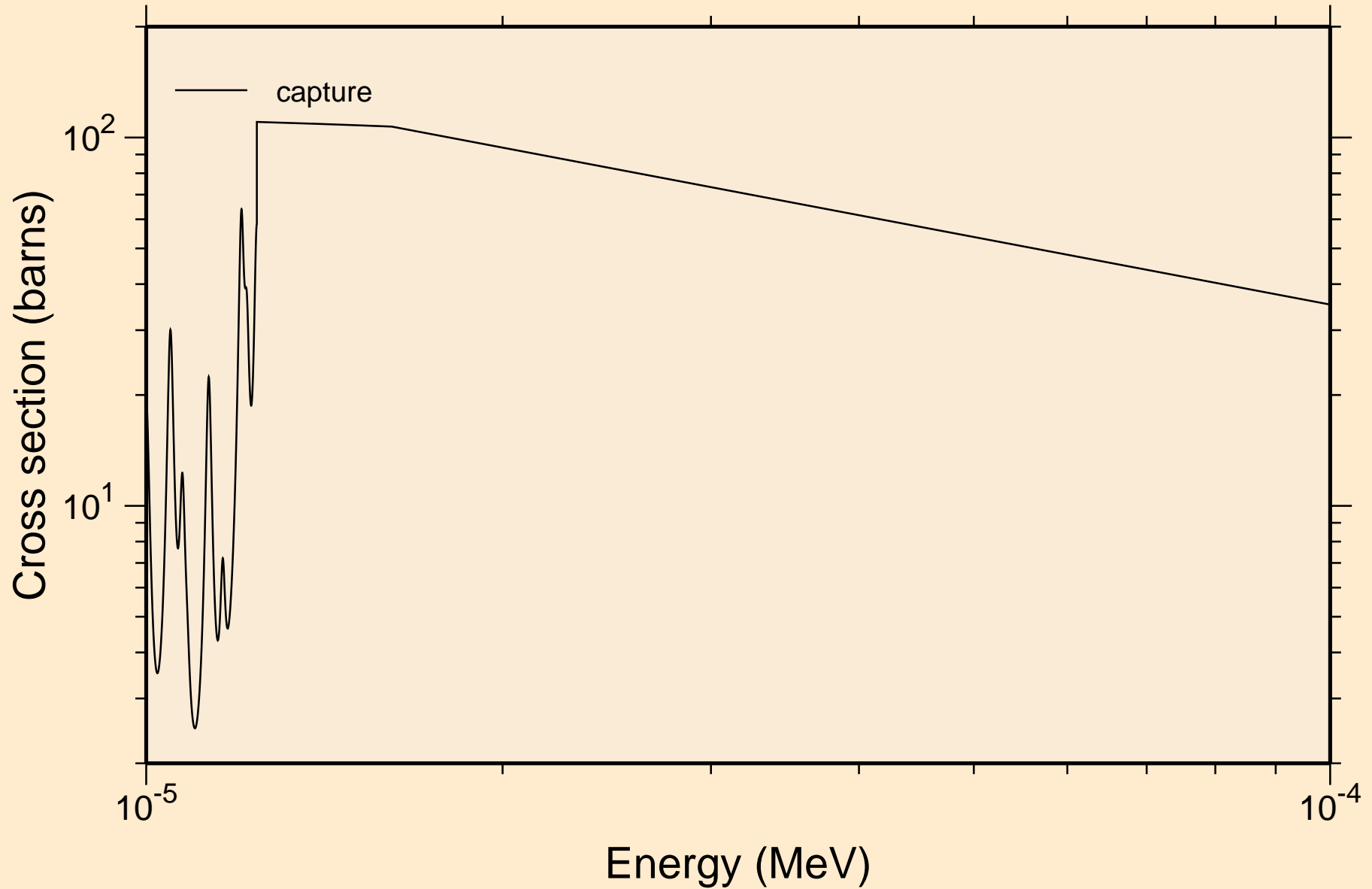
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

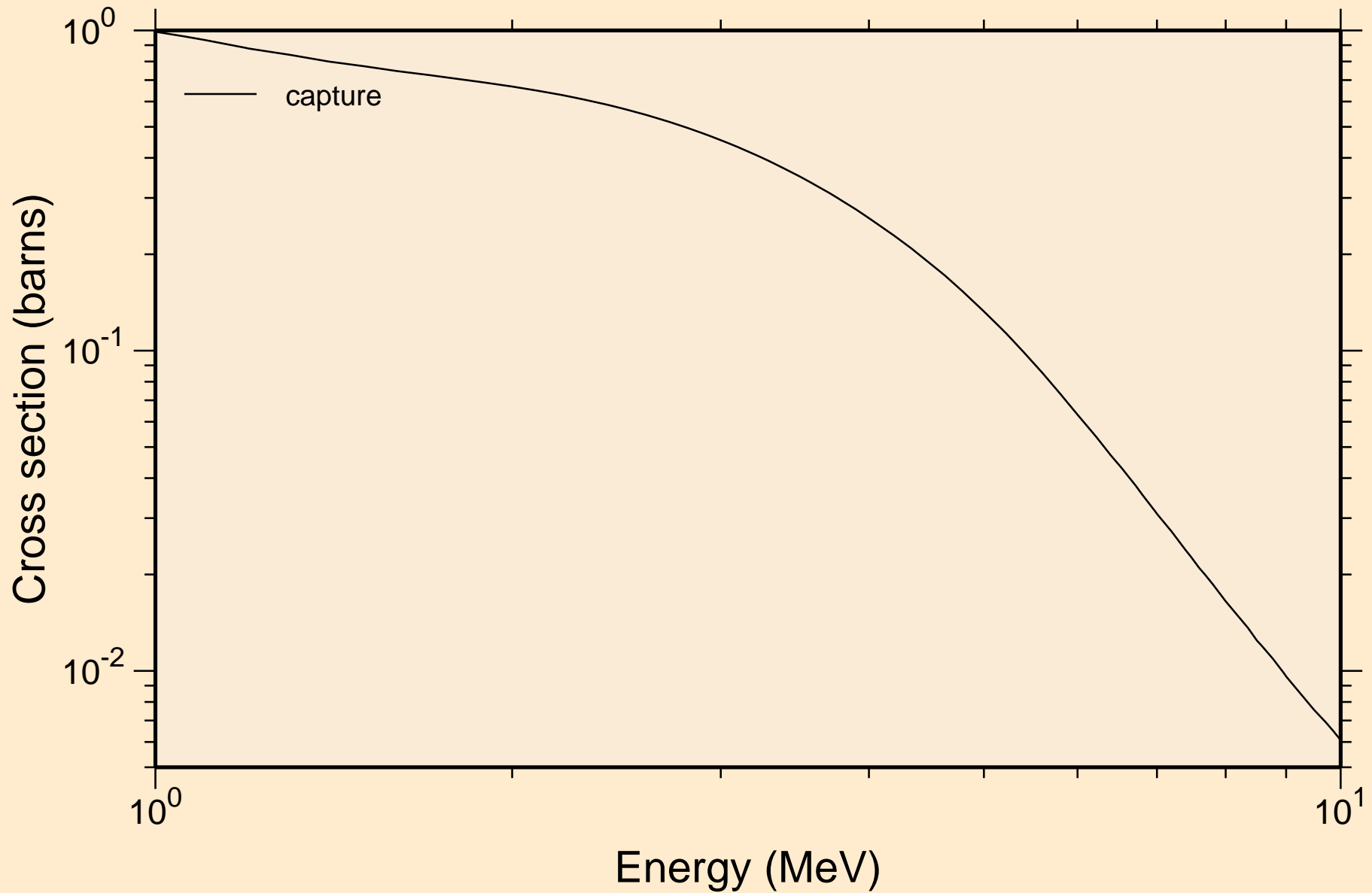


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



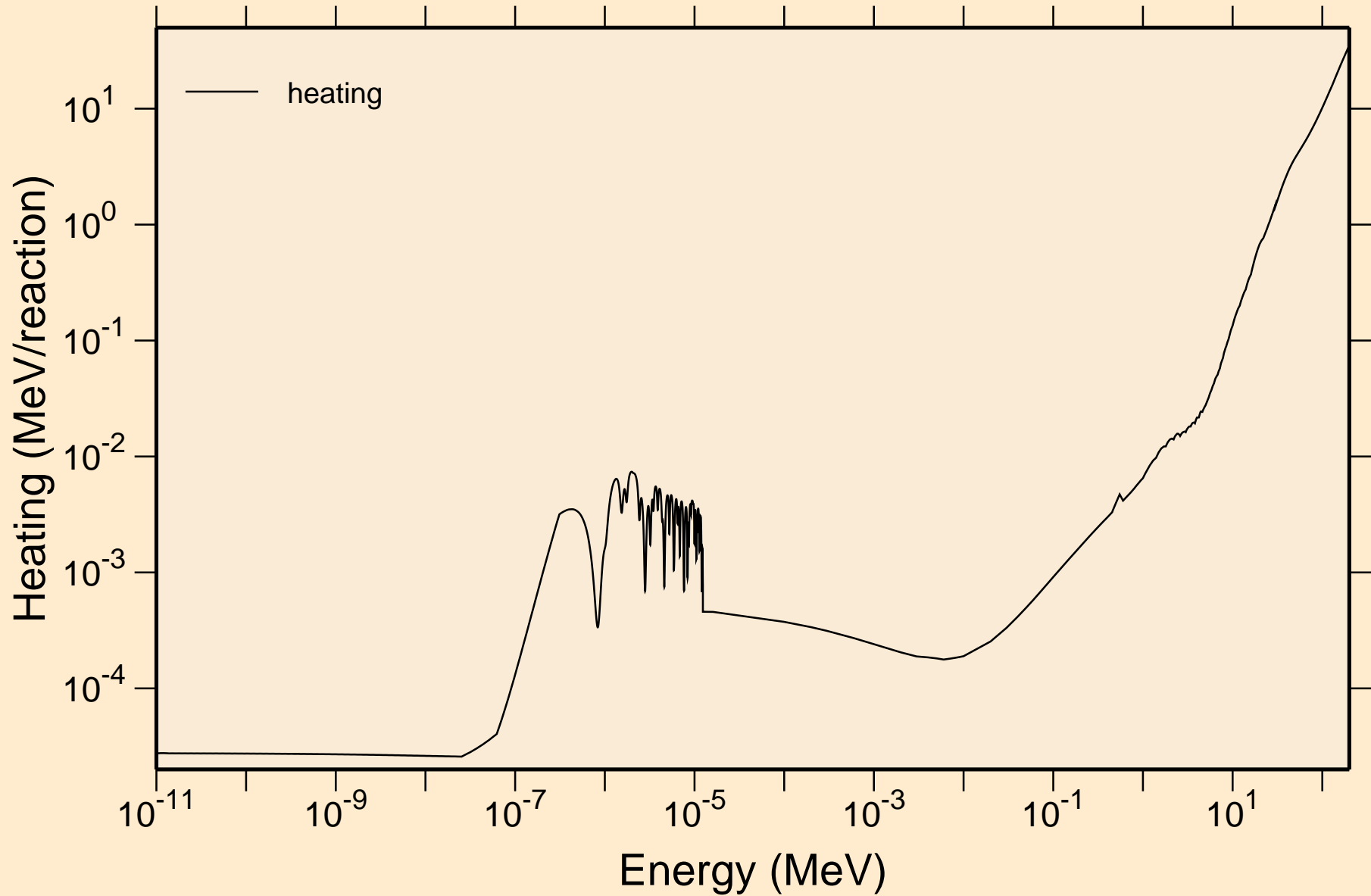


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



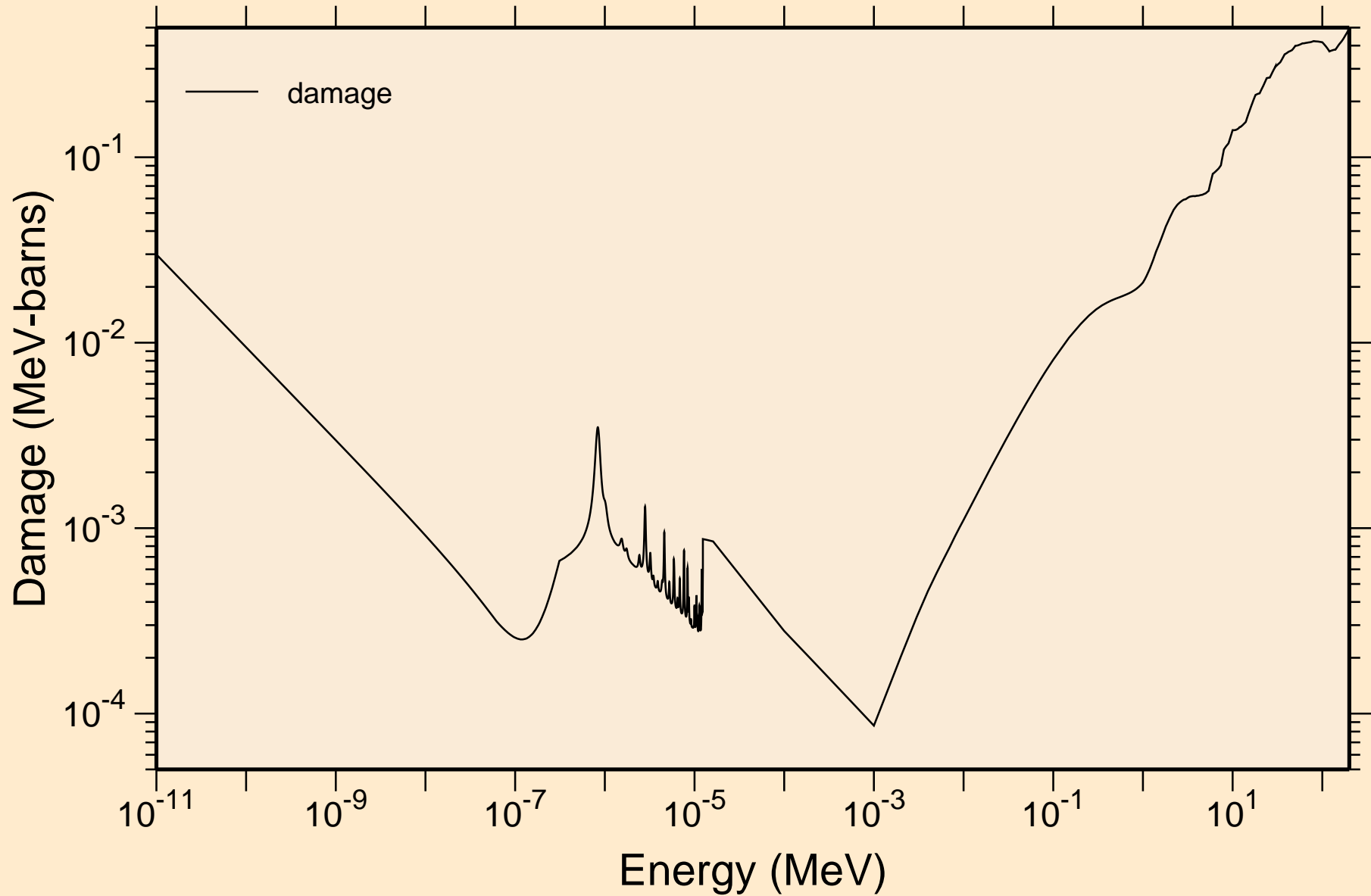
# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

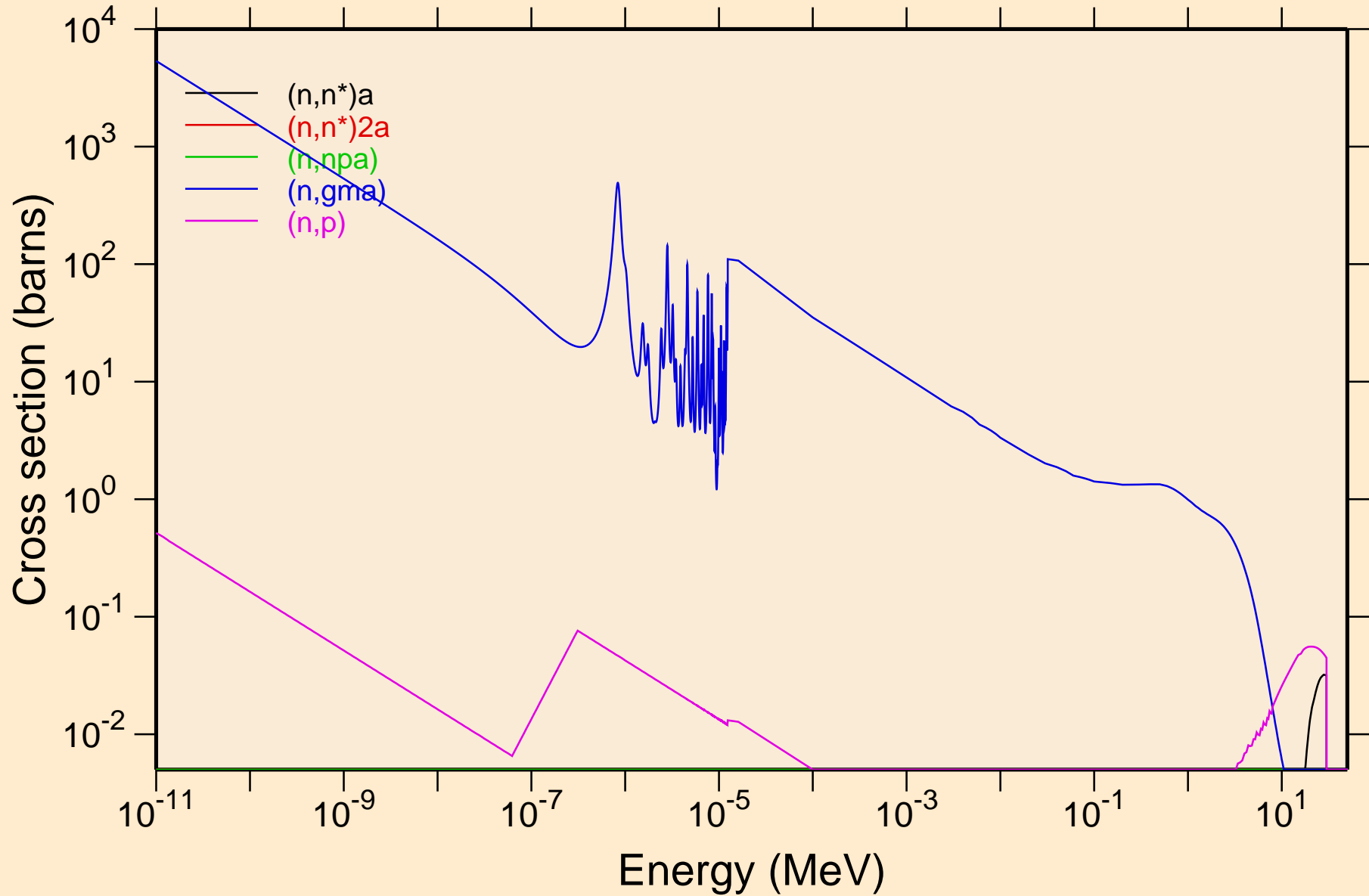


# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

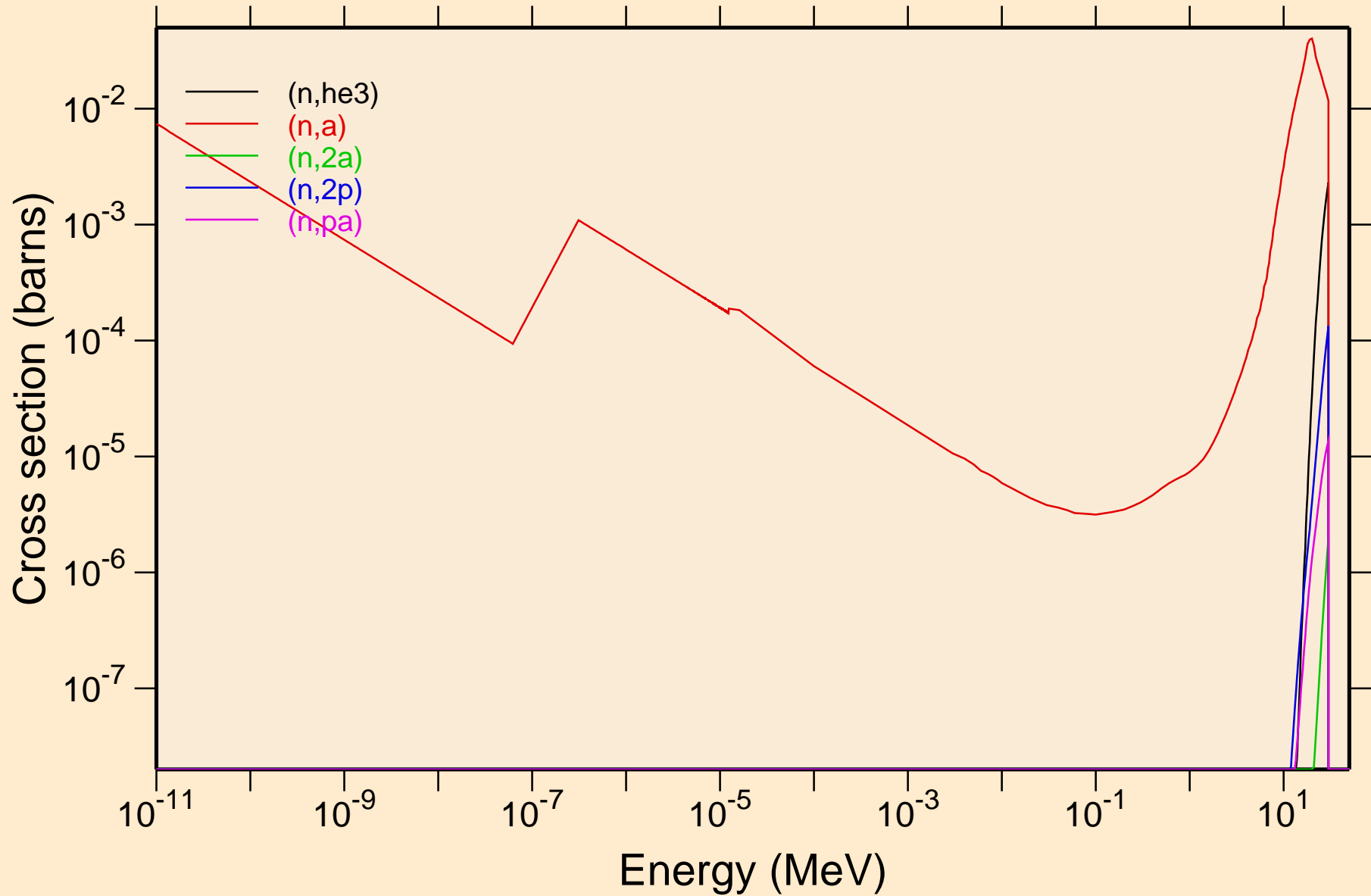
## Damage



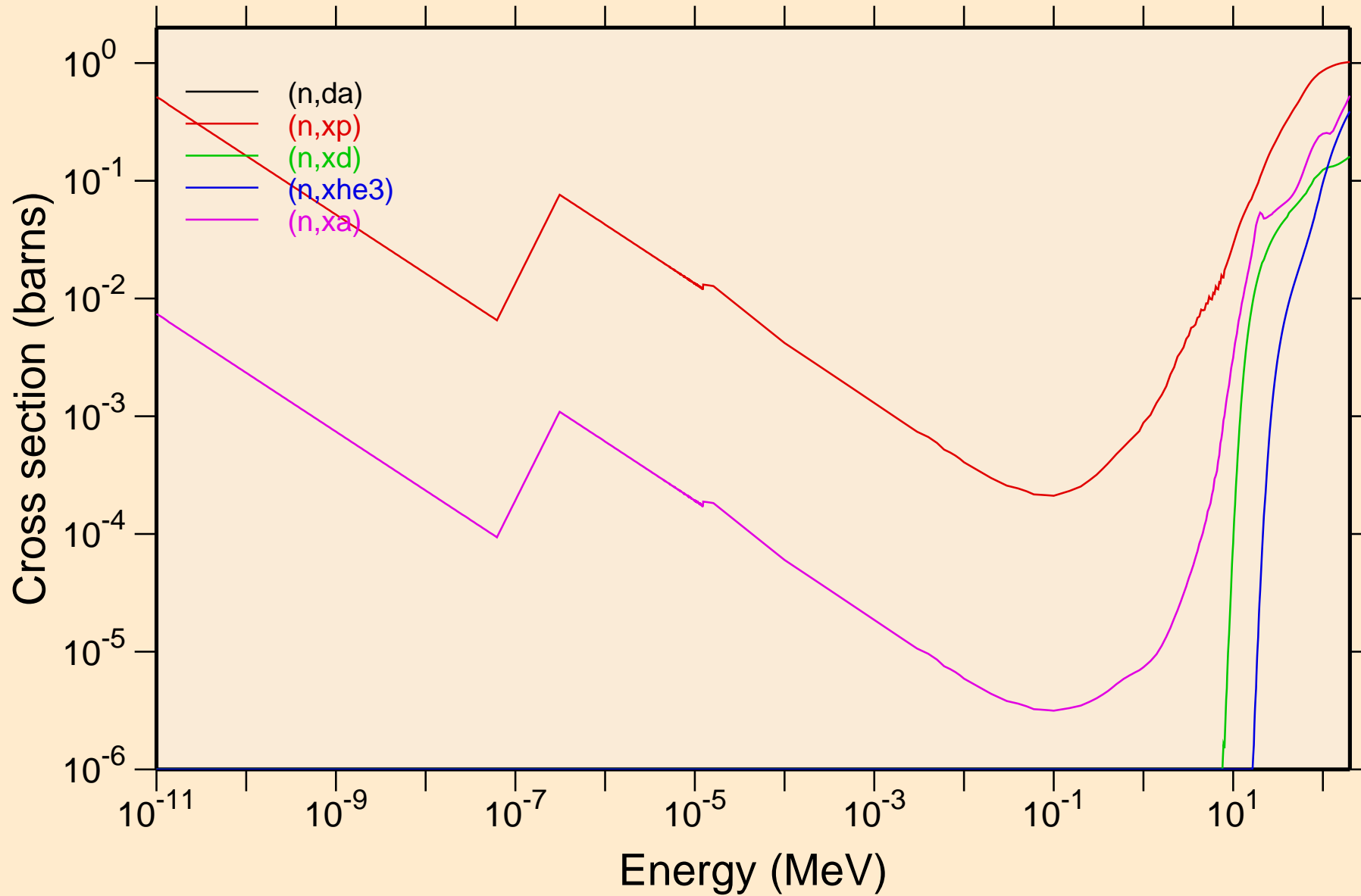
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



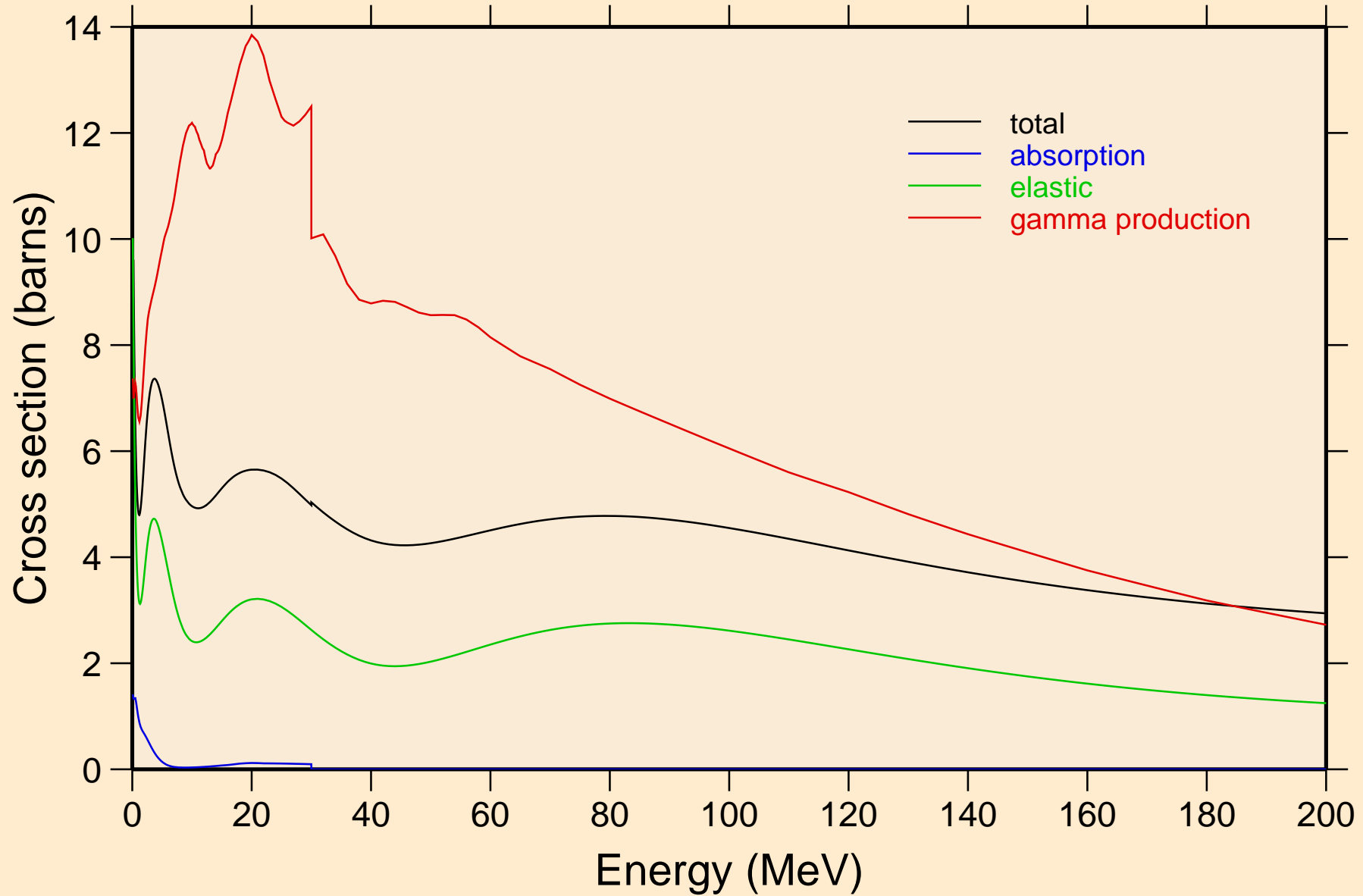
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

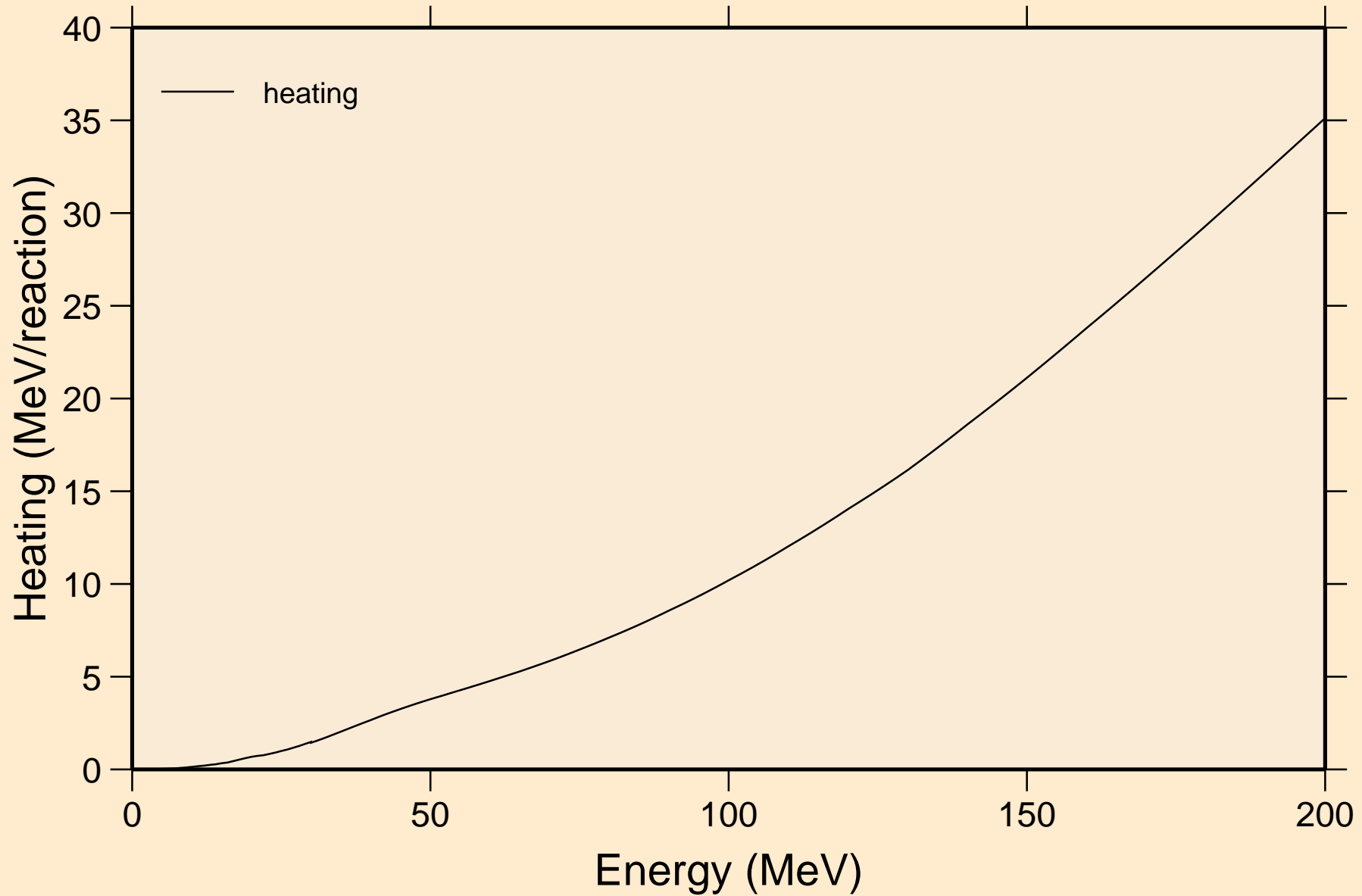


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



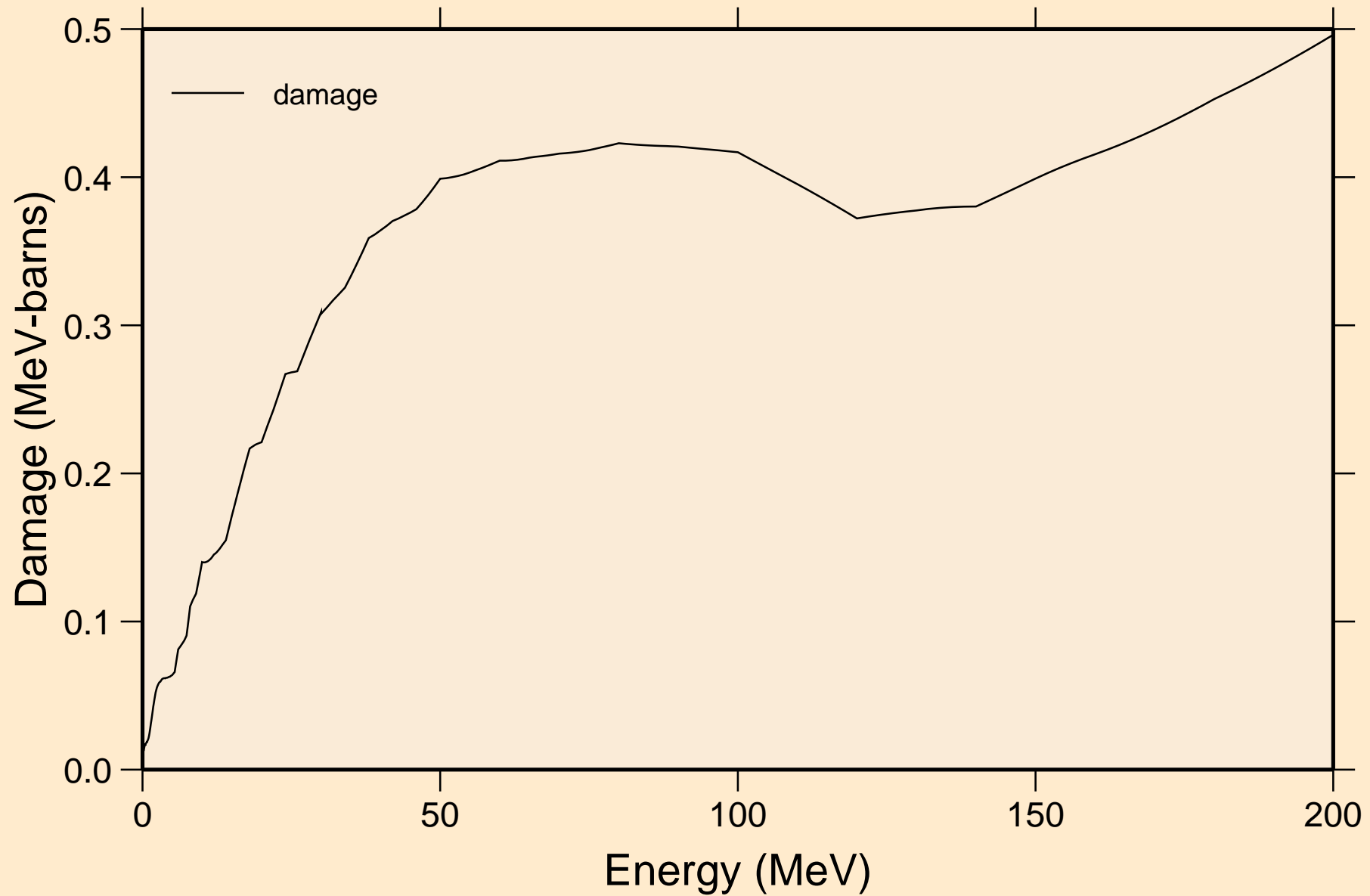
# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



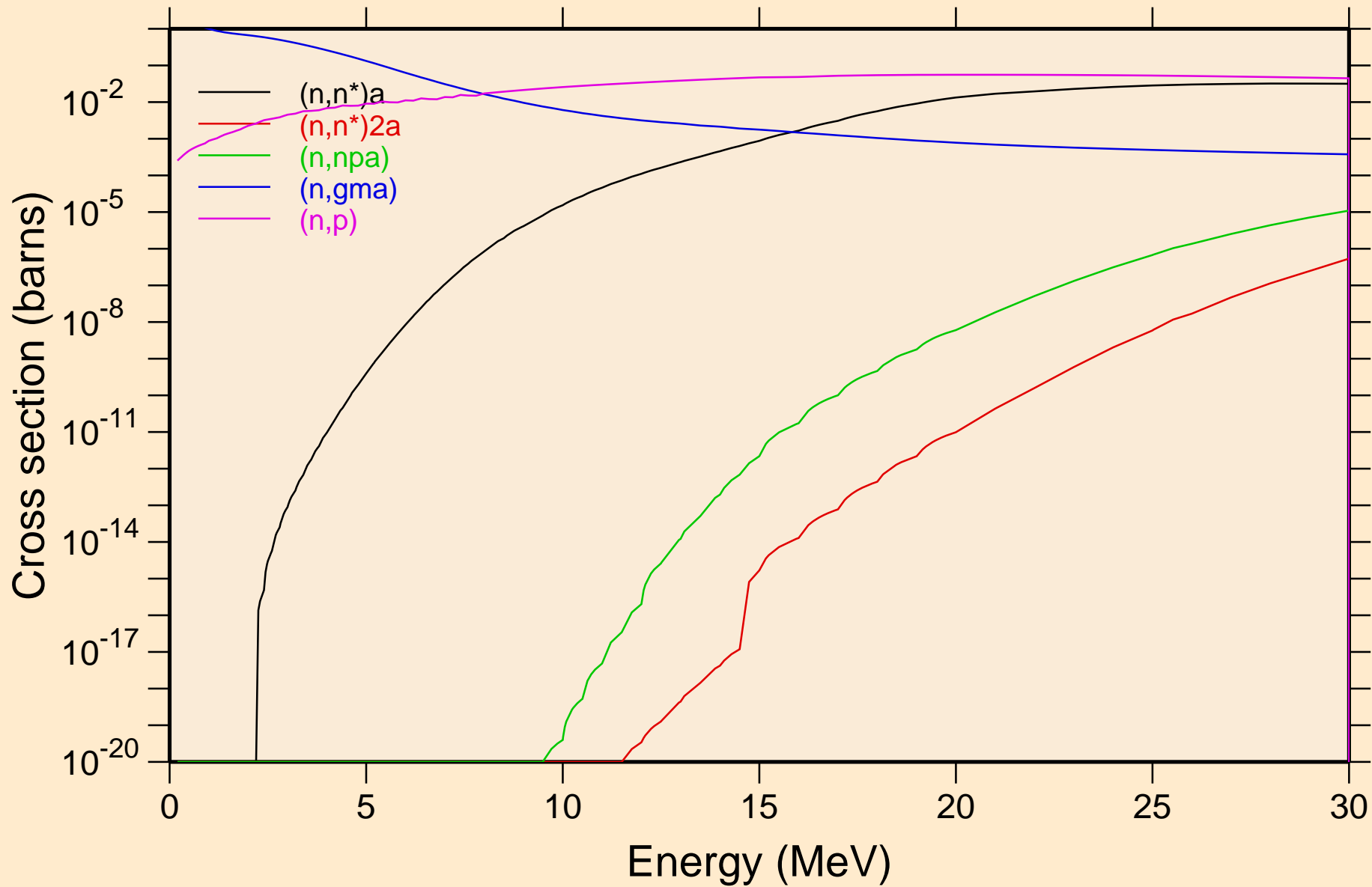


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

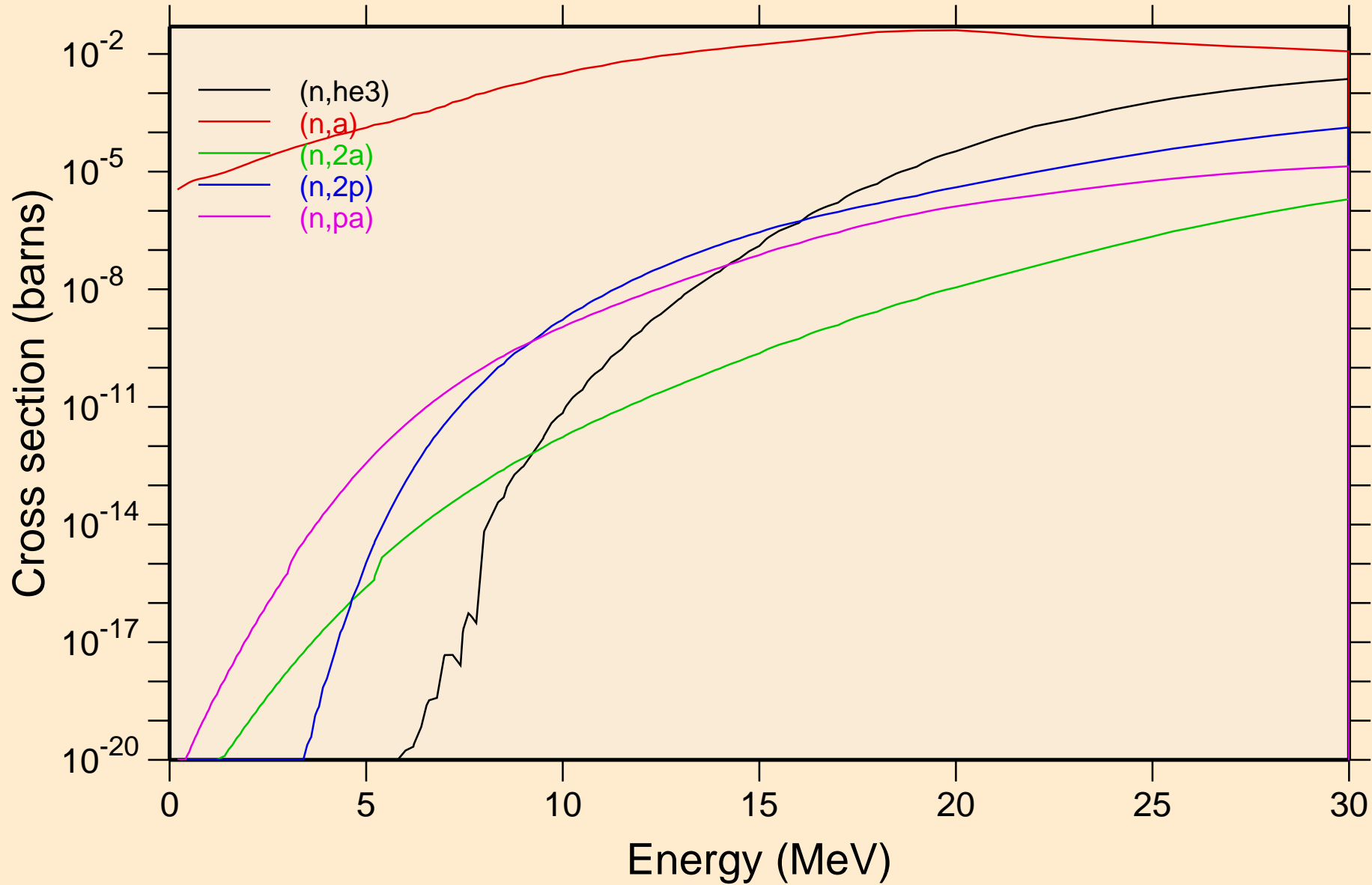


# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

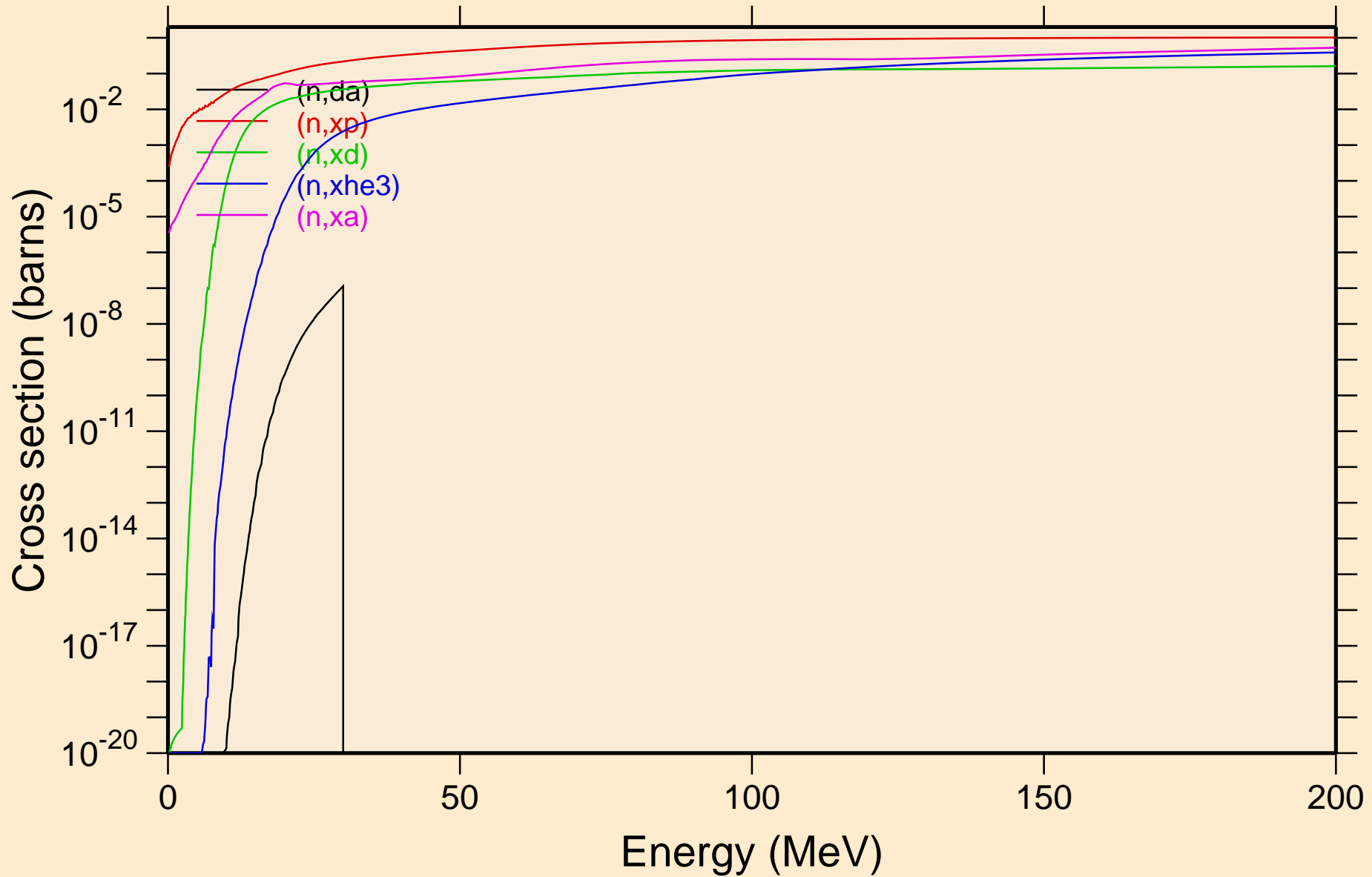
## Non-threshold reactions



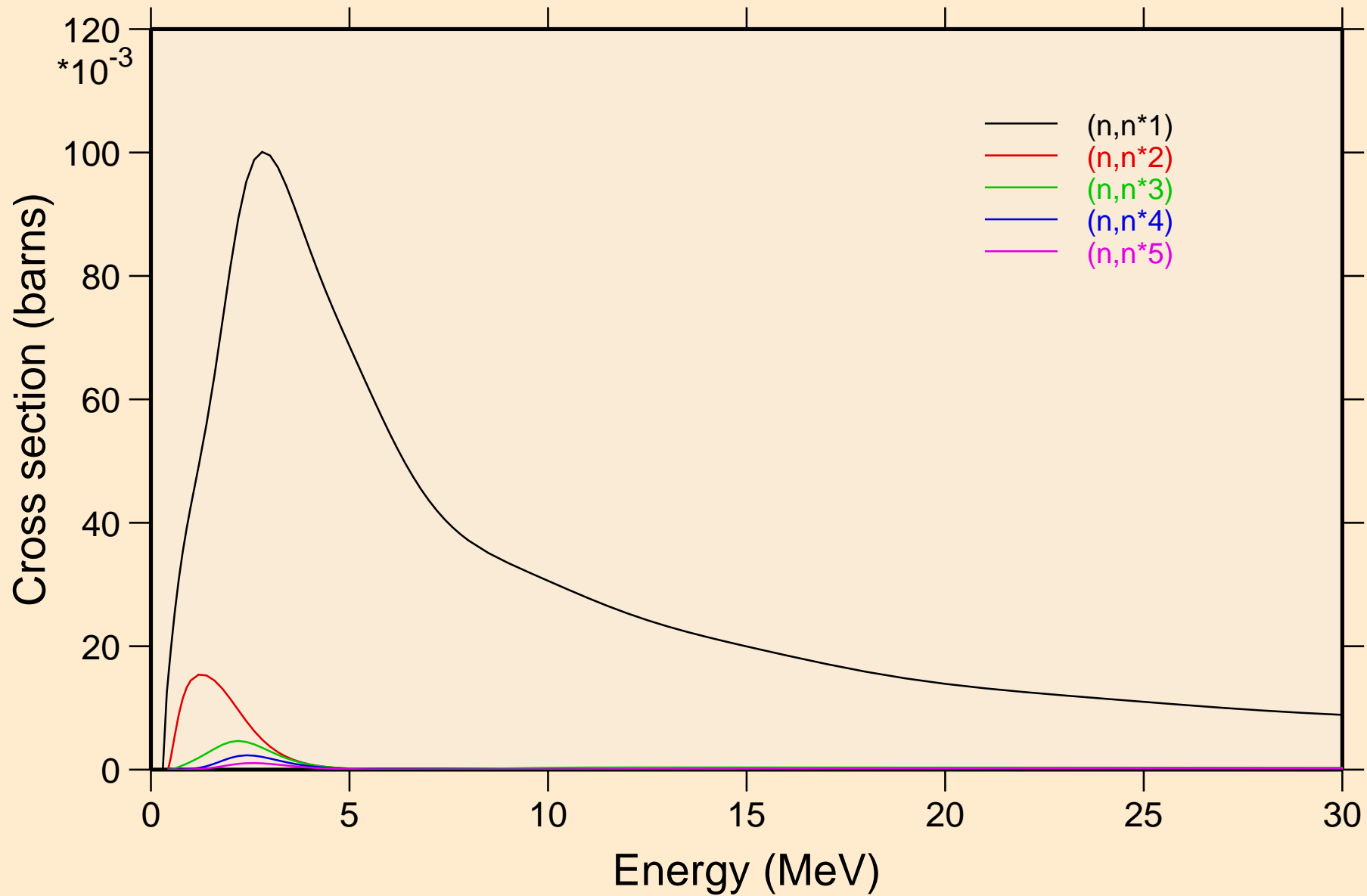
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



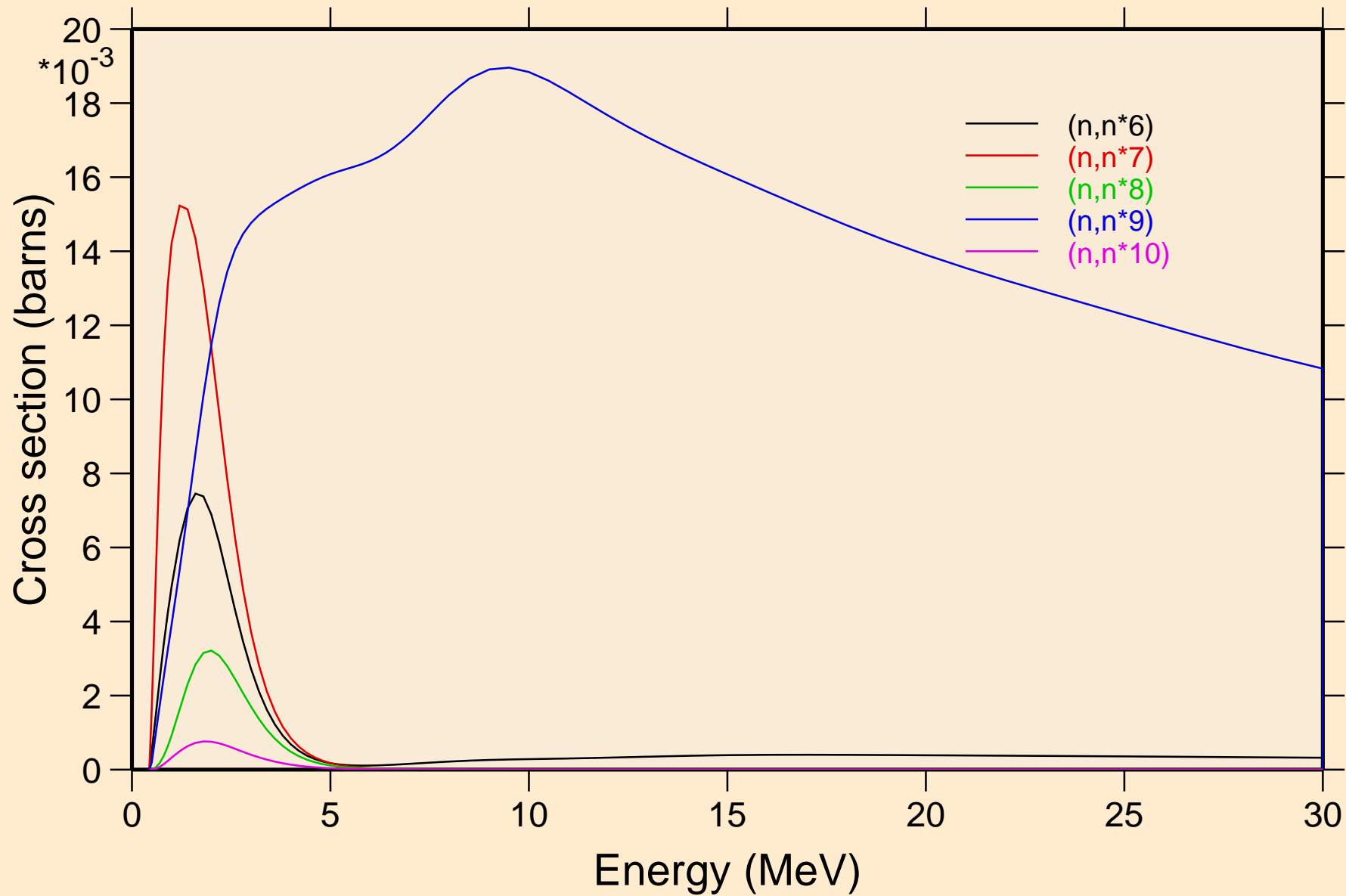
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



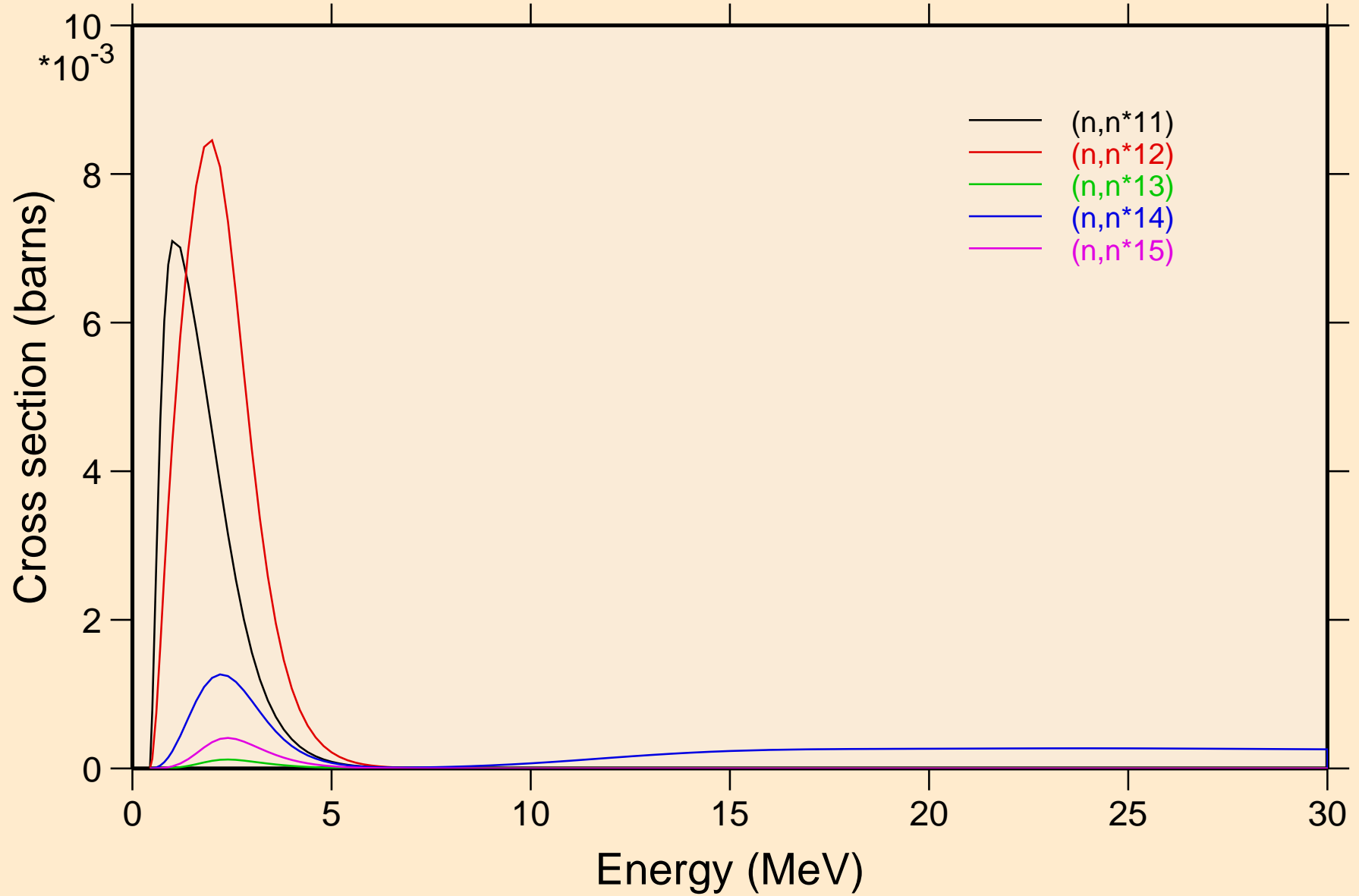
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



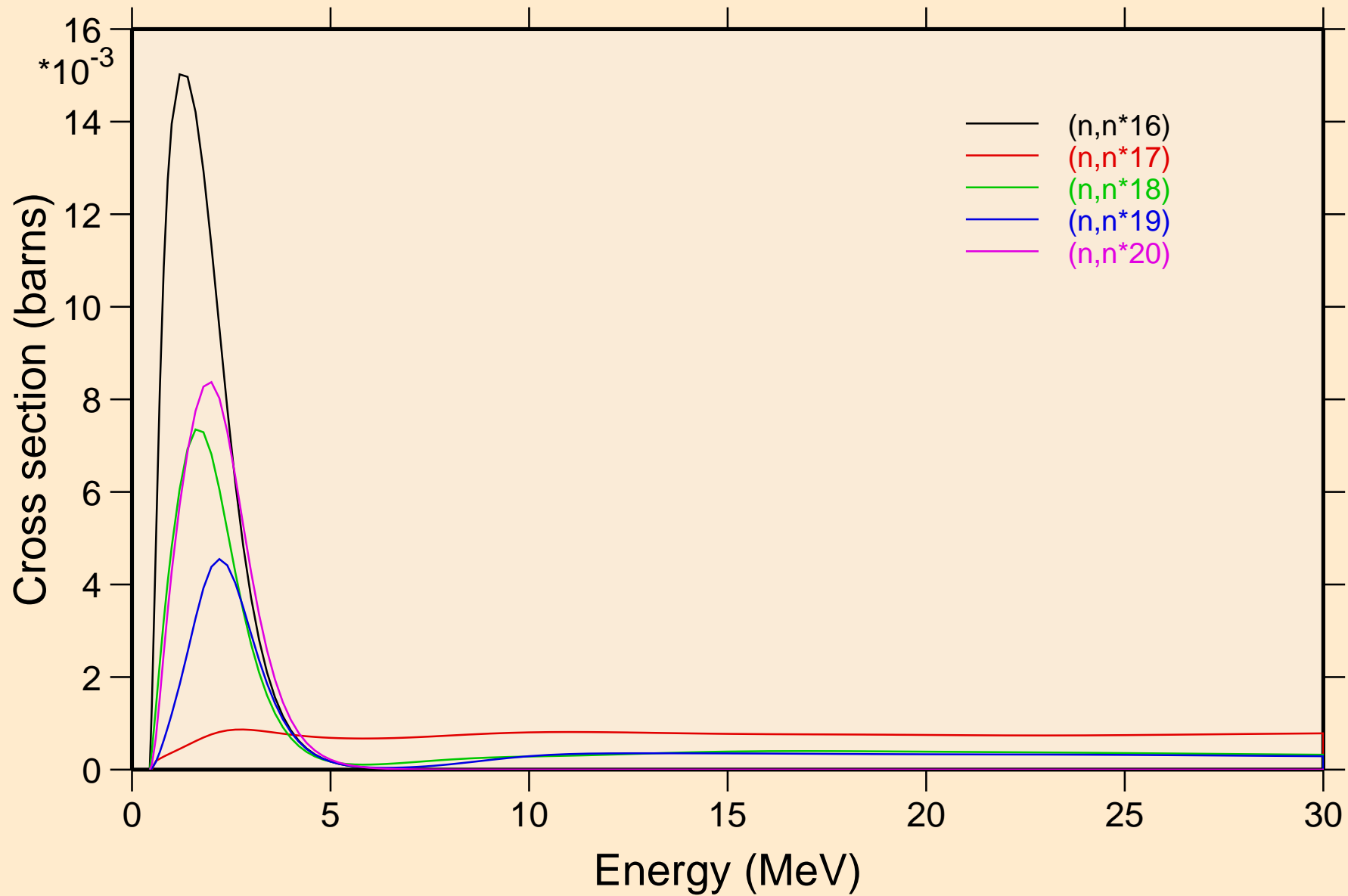
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

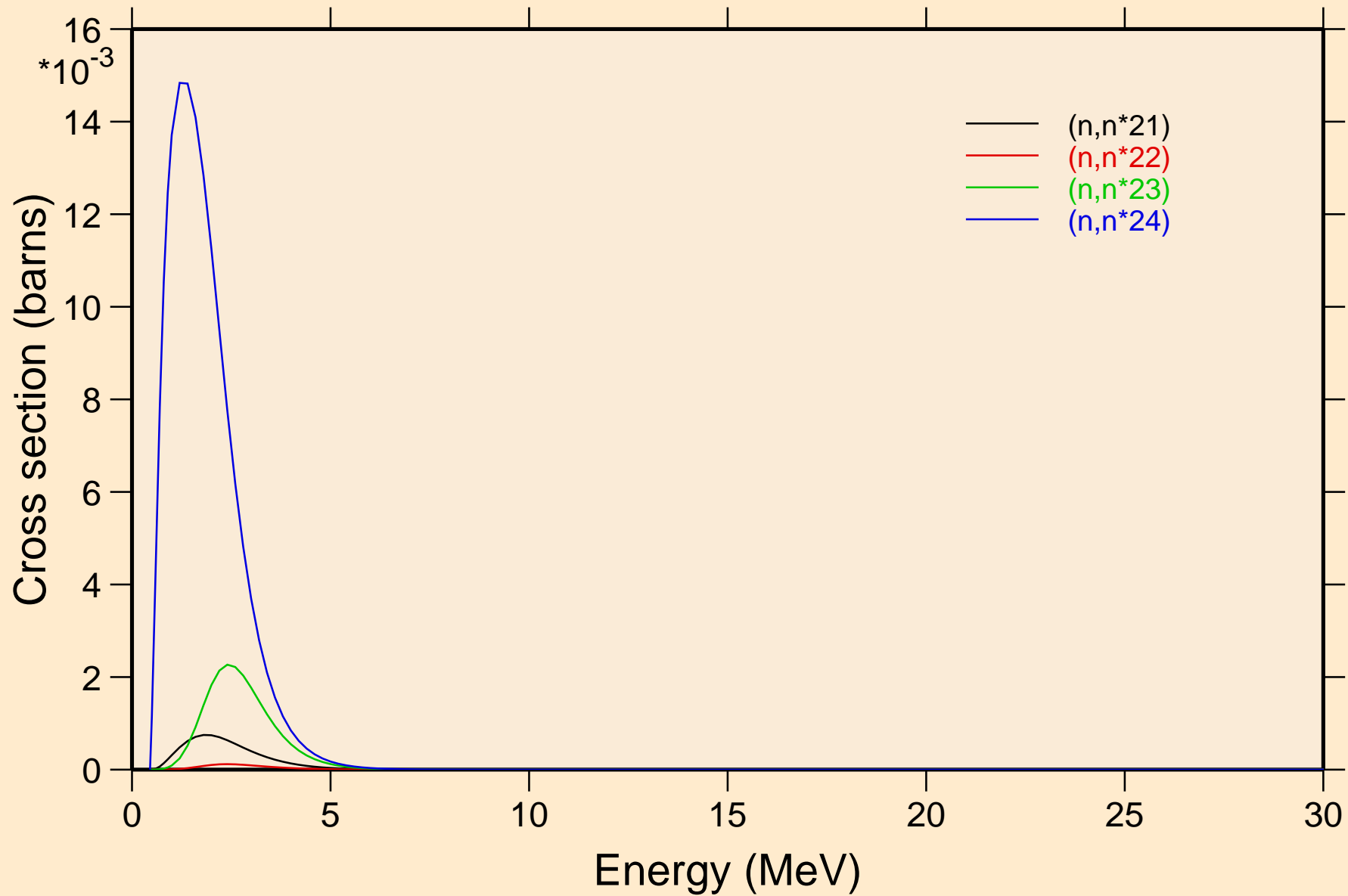


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

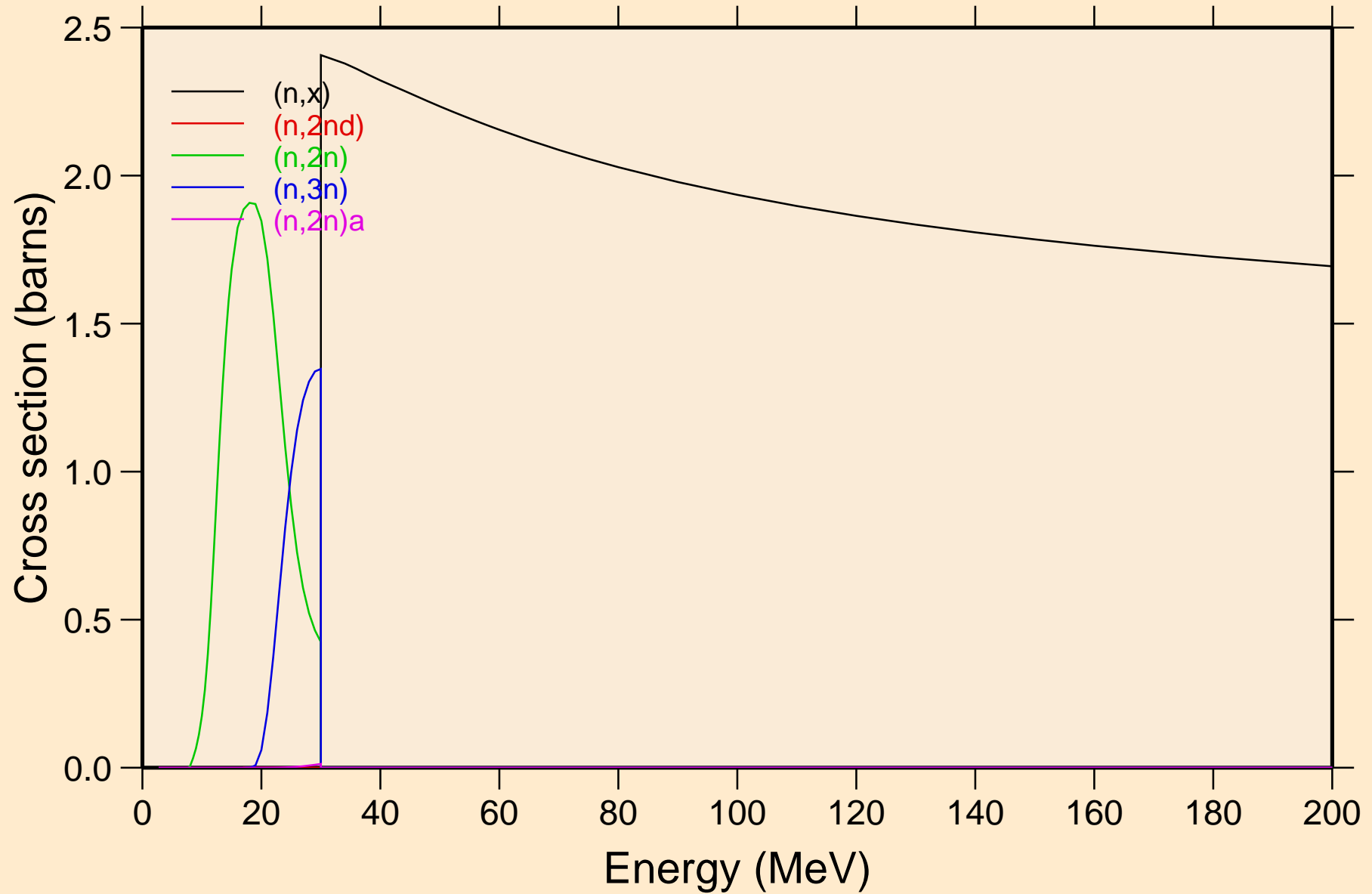




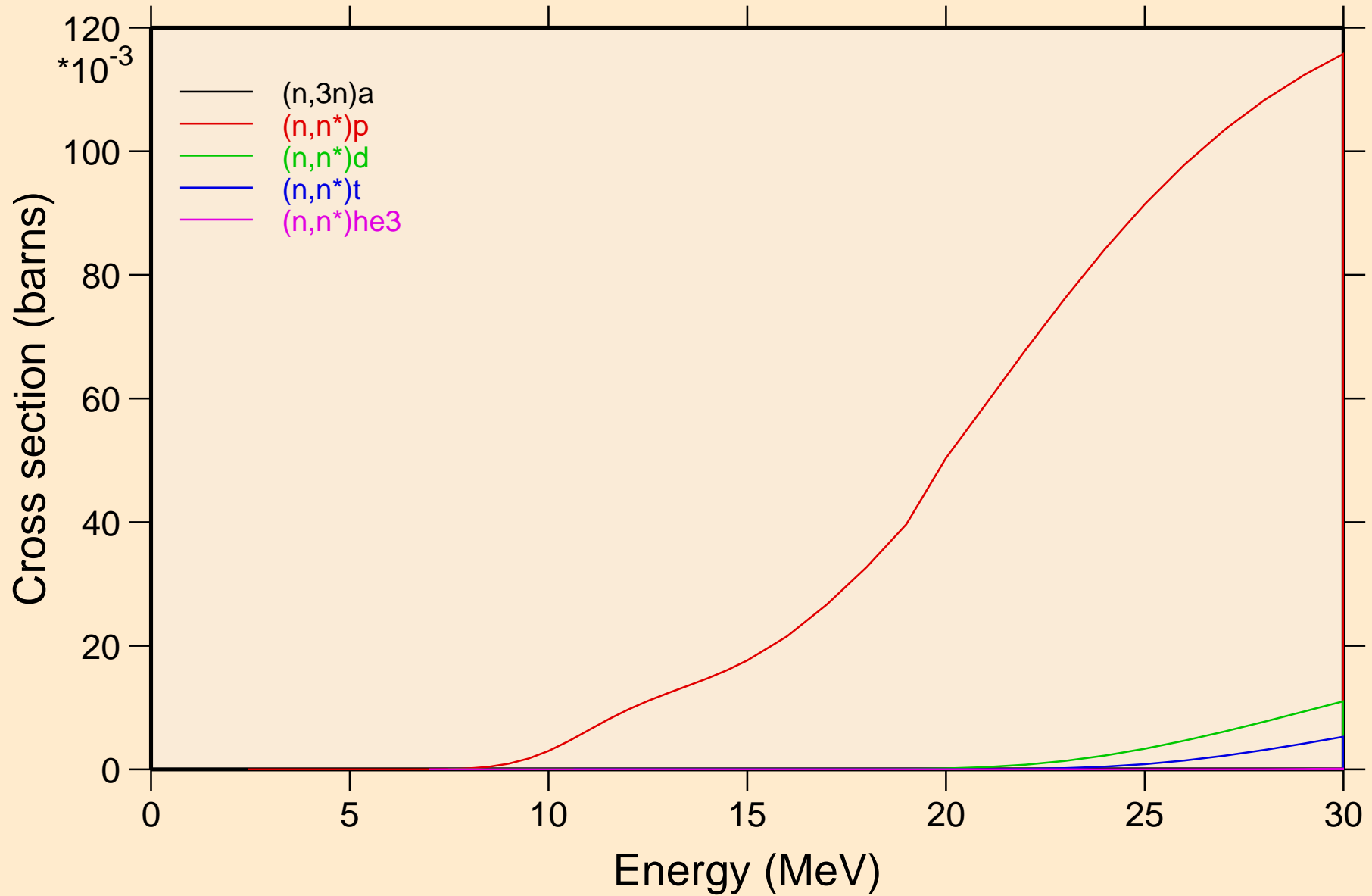
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

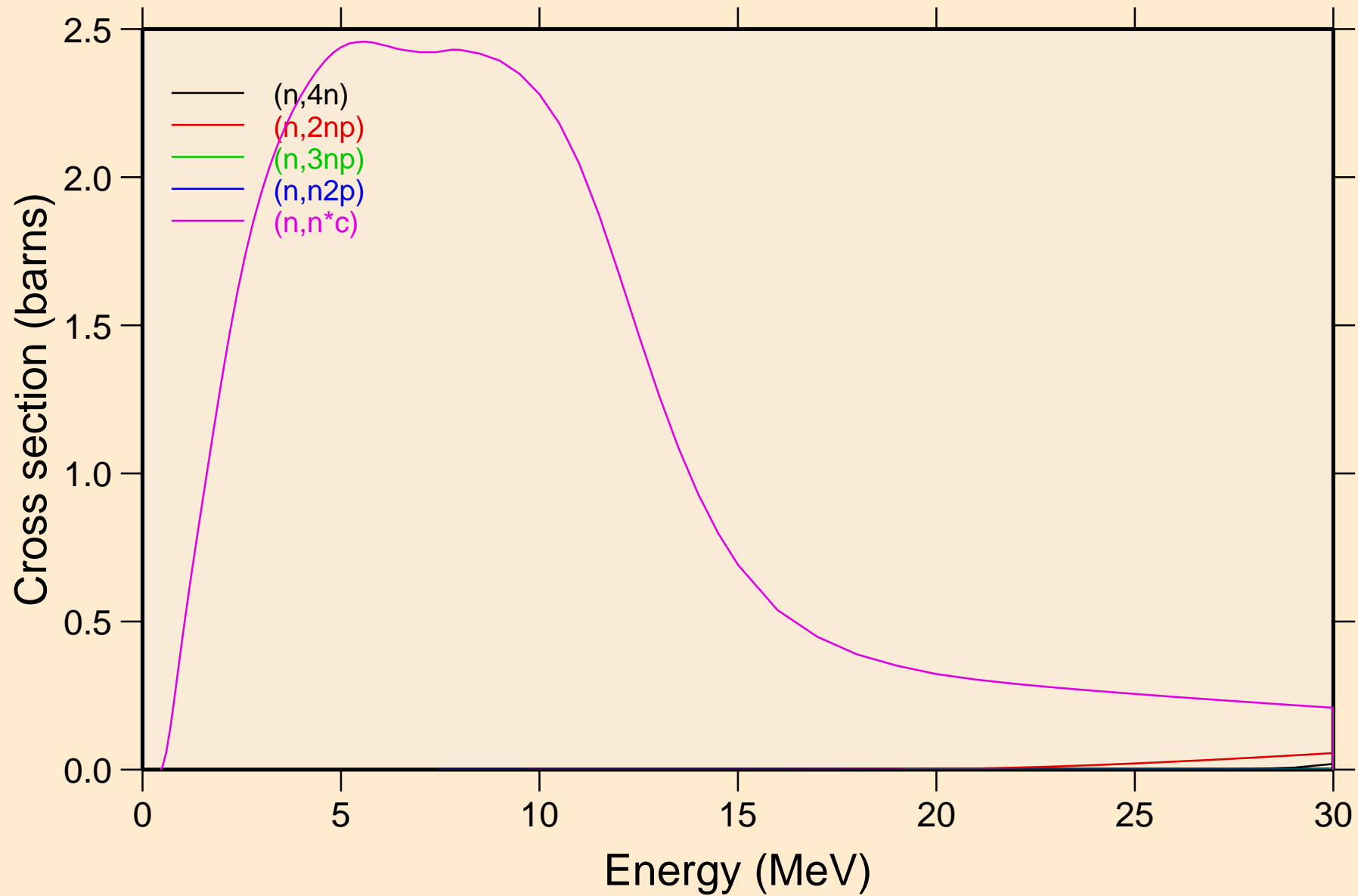


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

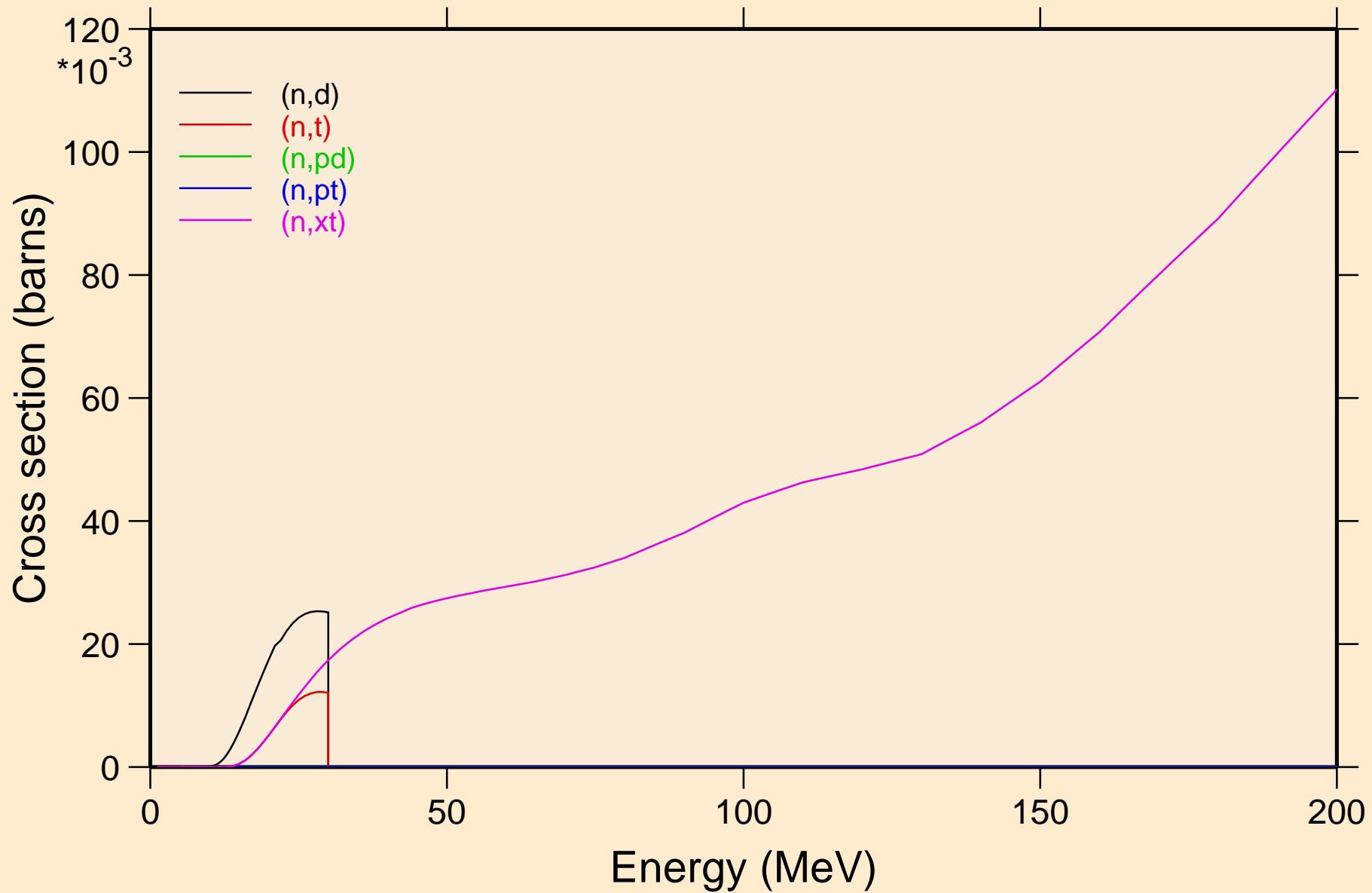


# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

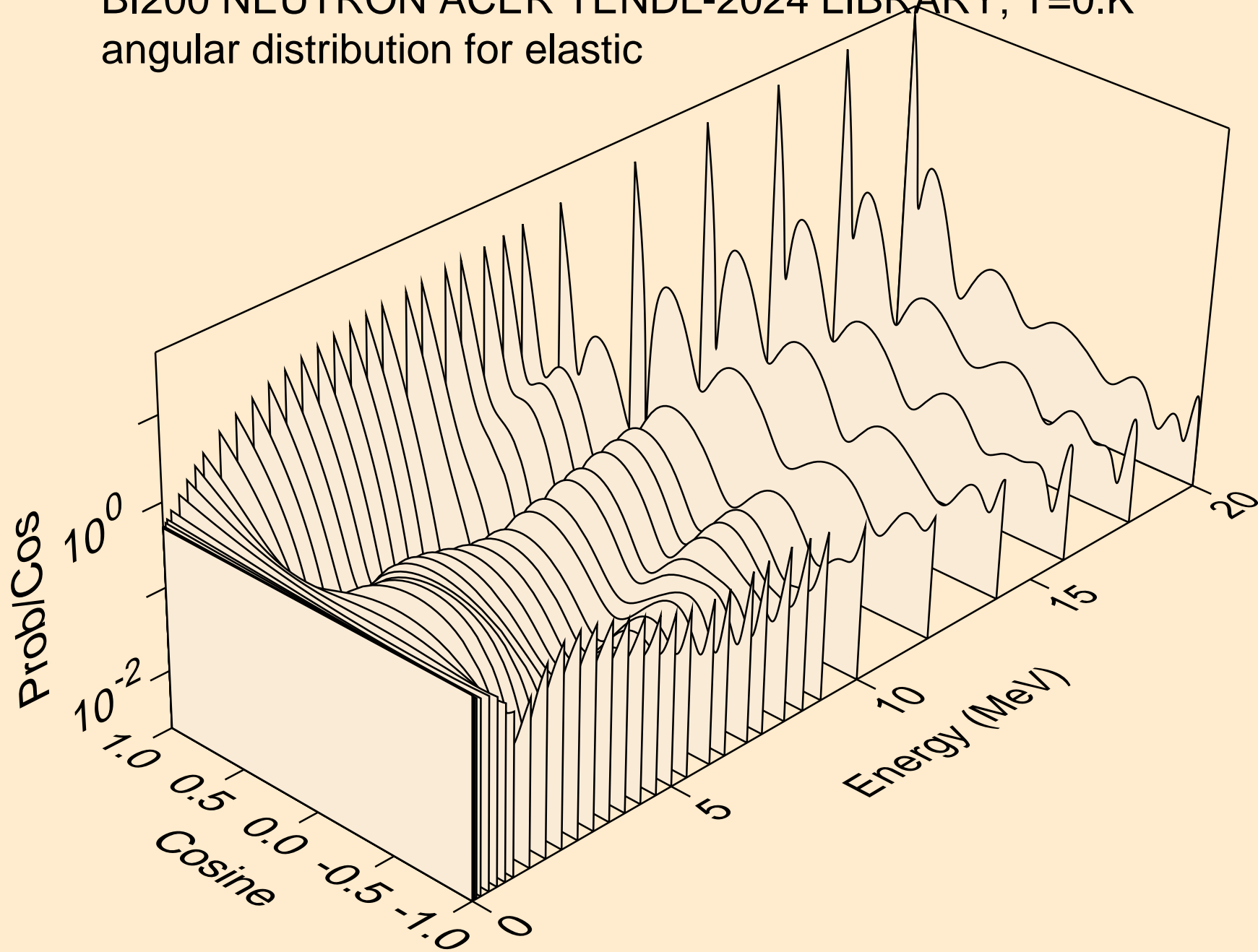
## Threshold reactions



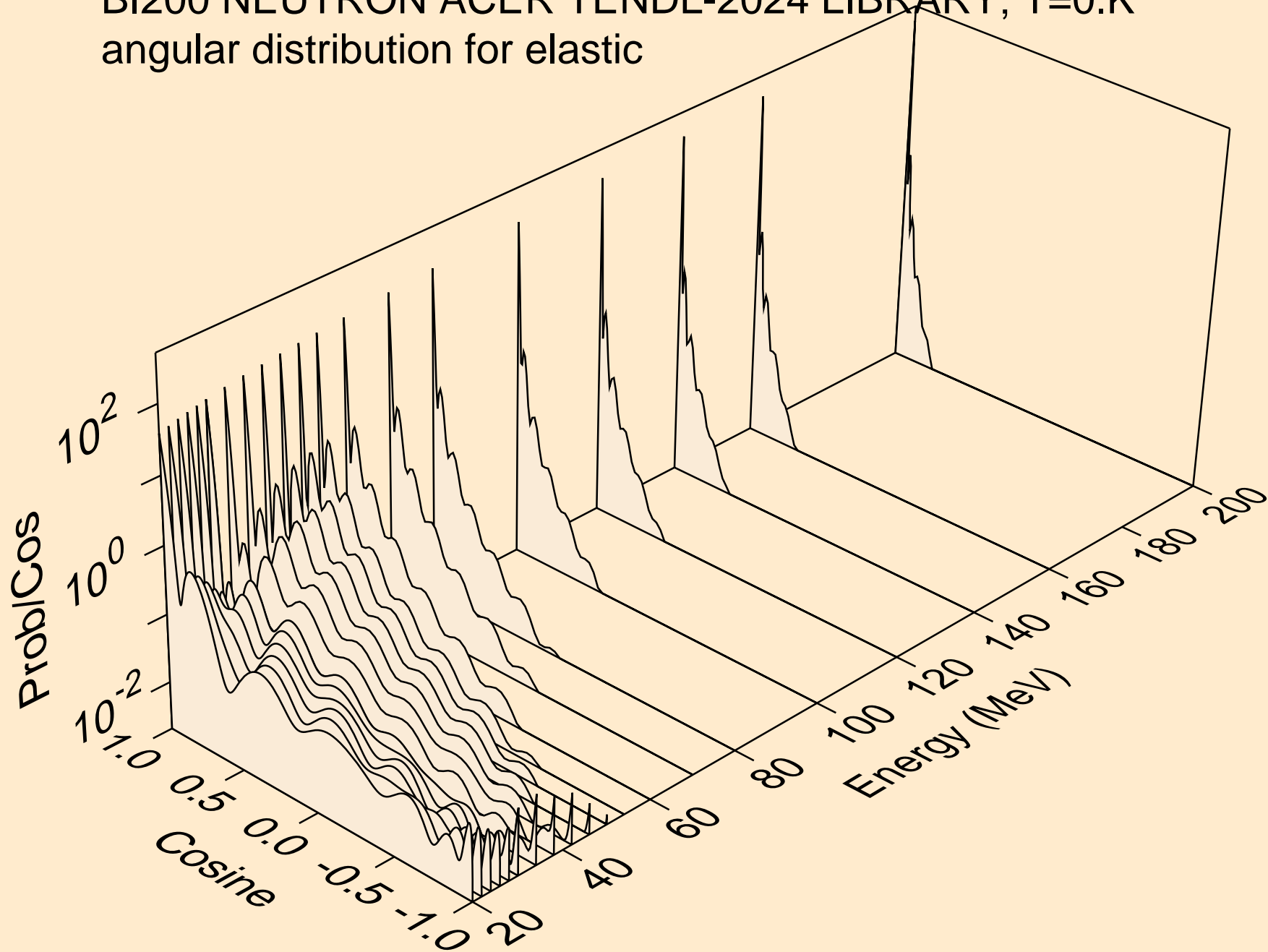
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



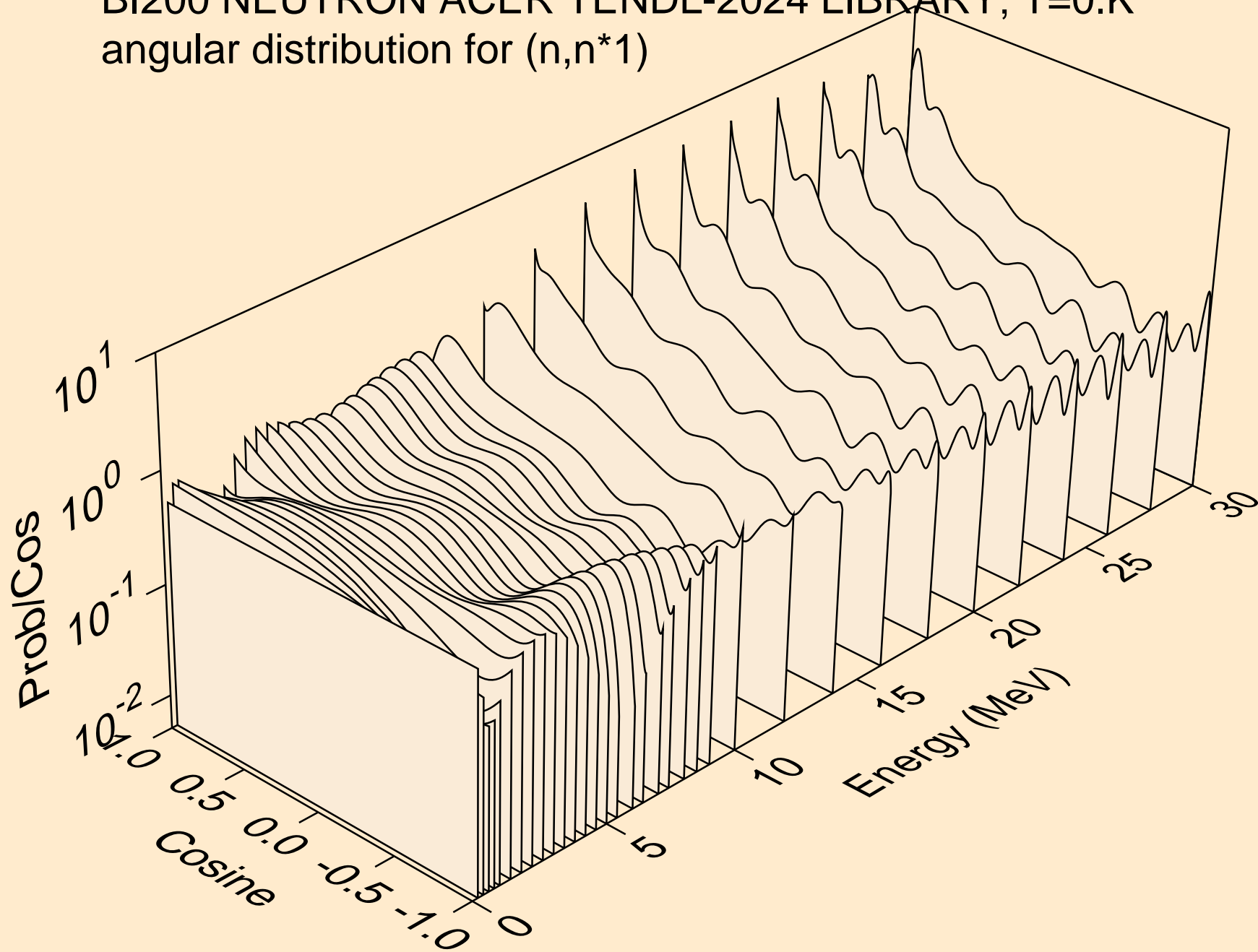
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

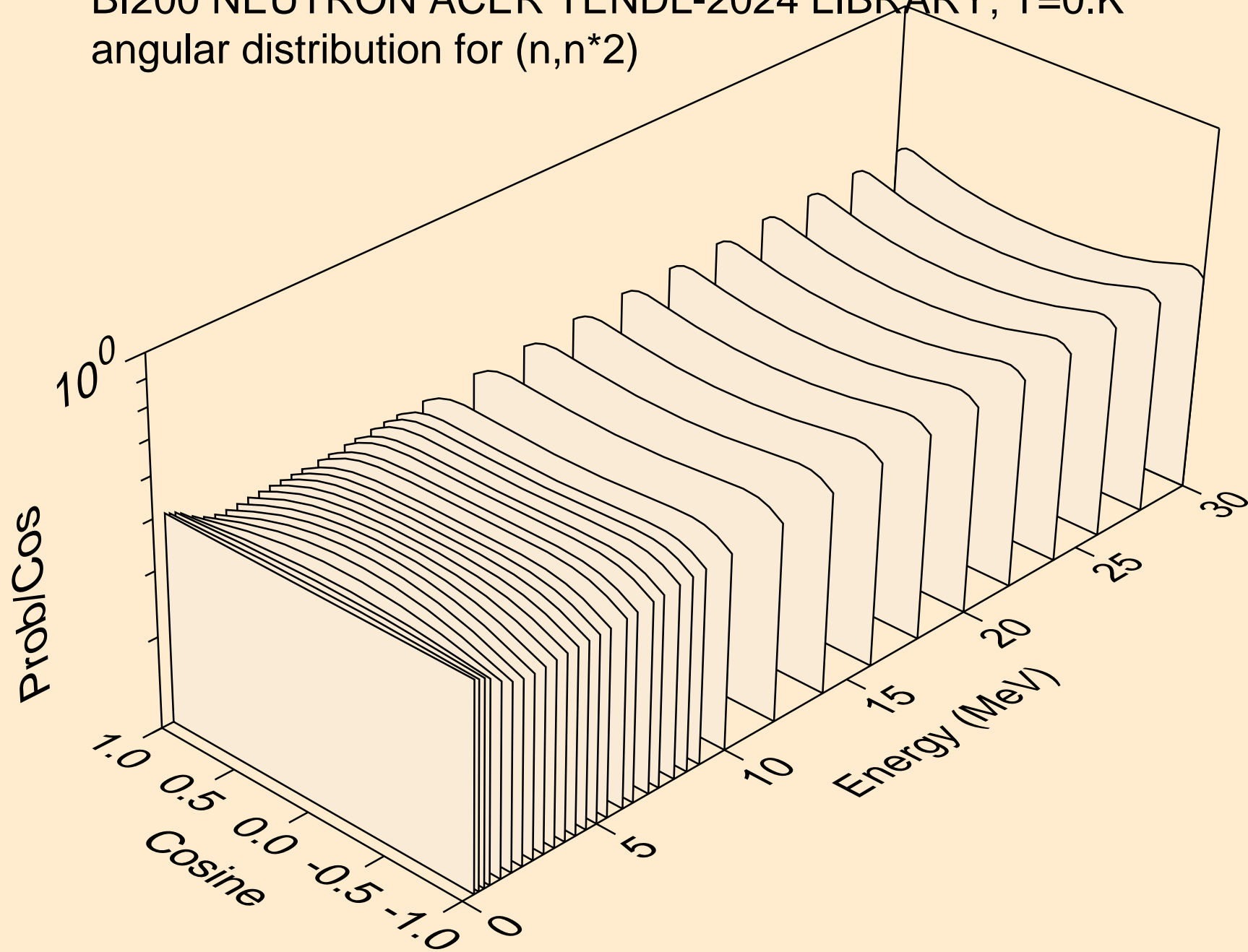


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

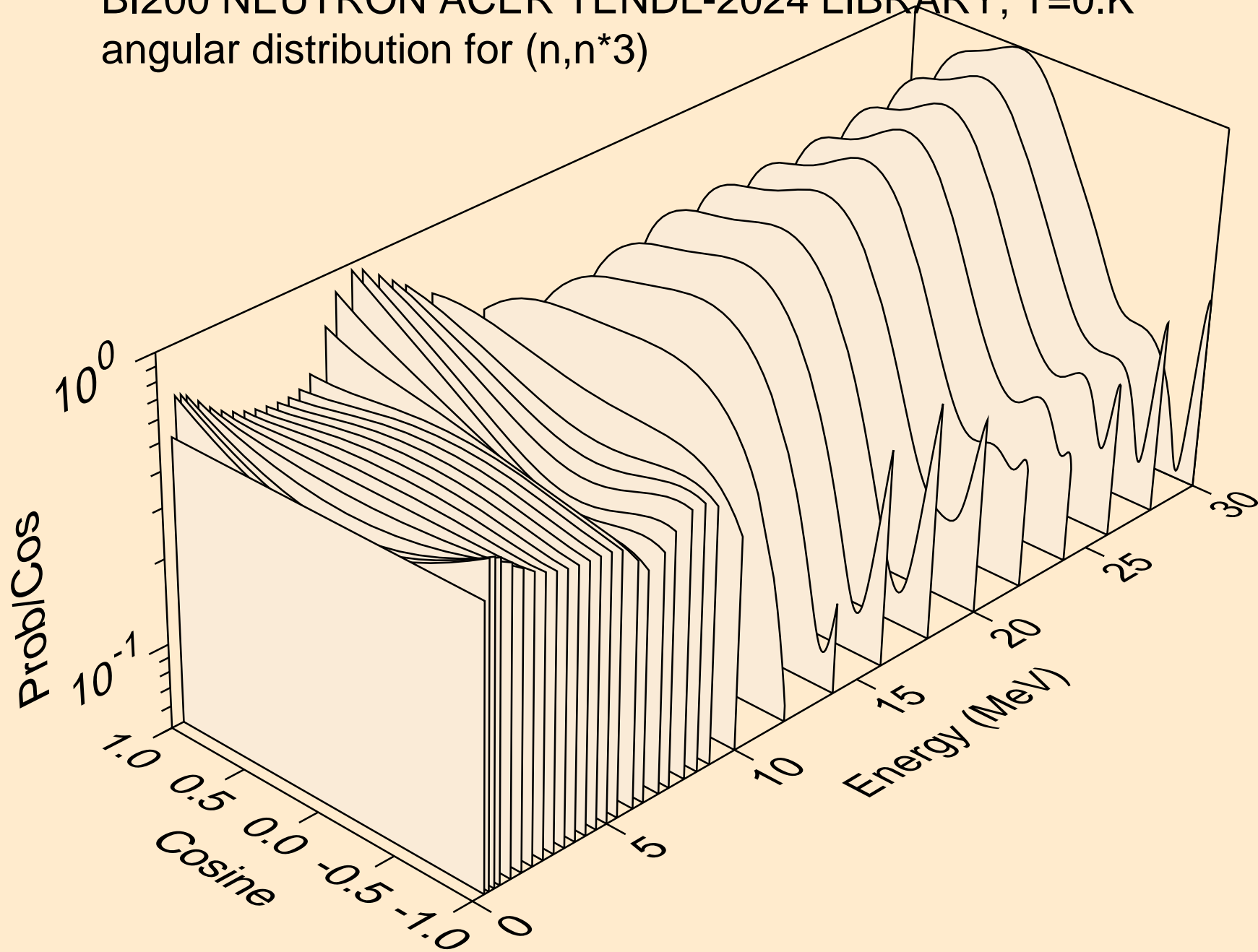




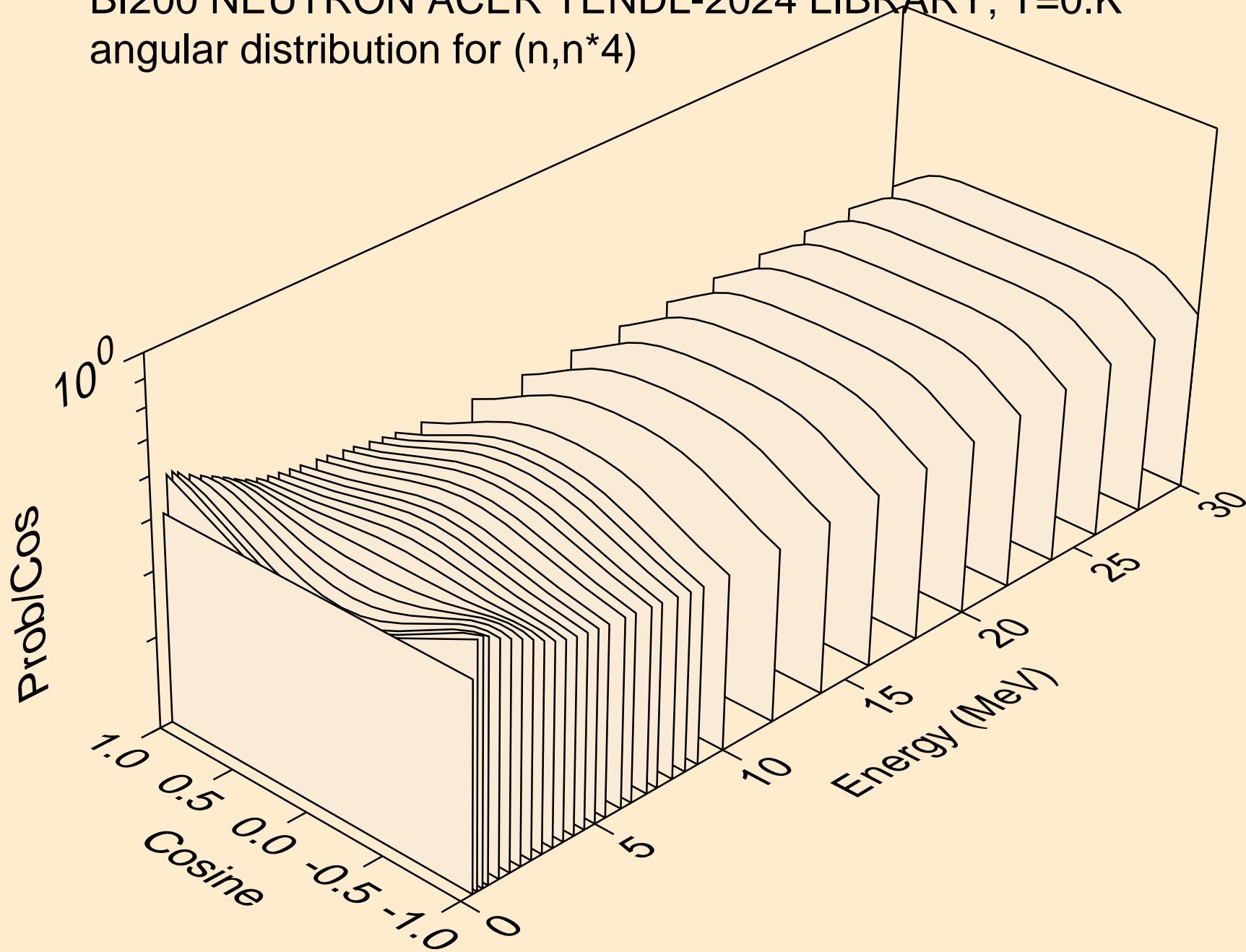
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



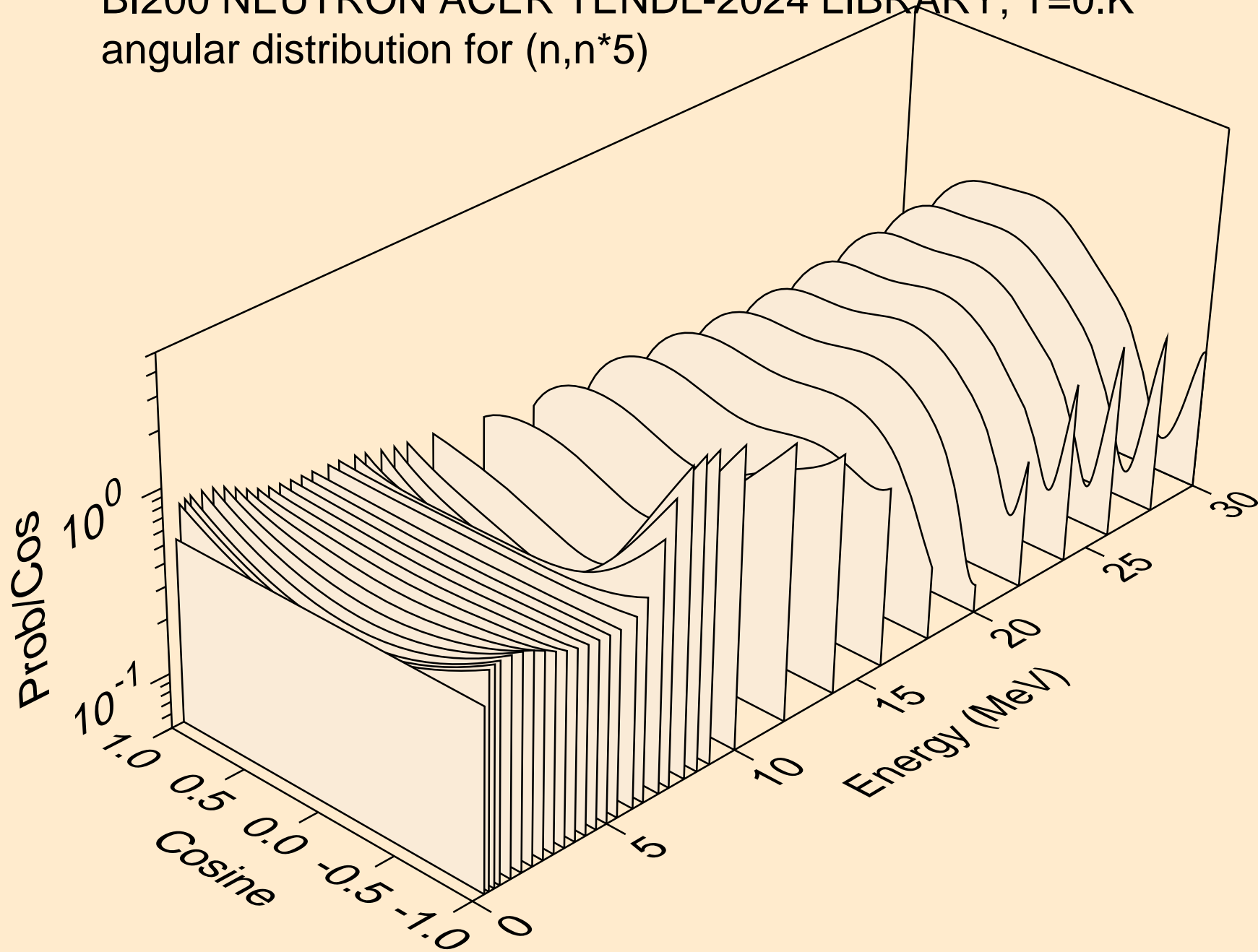
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



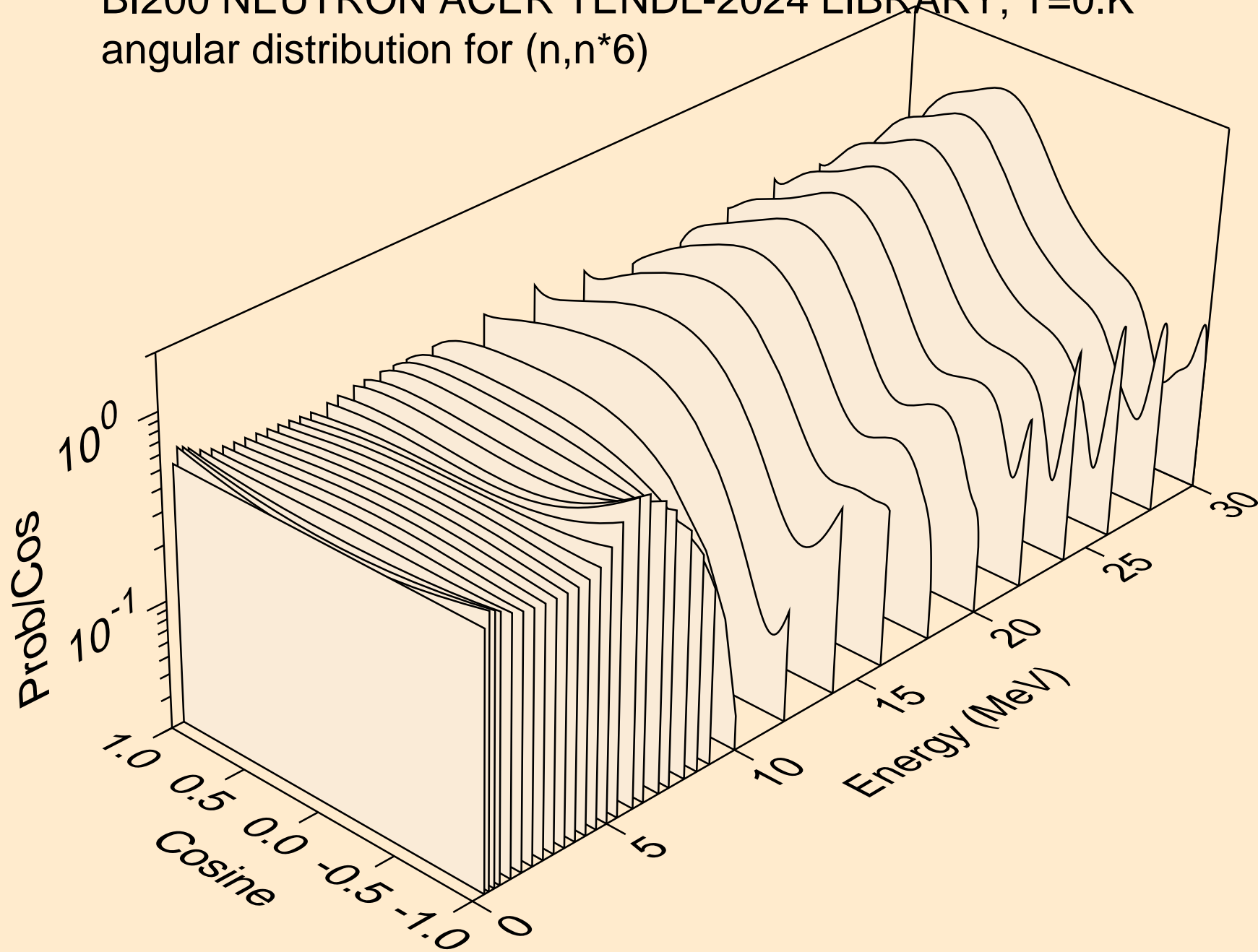
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



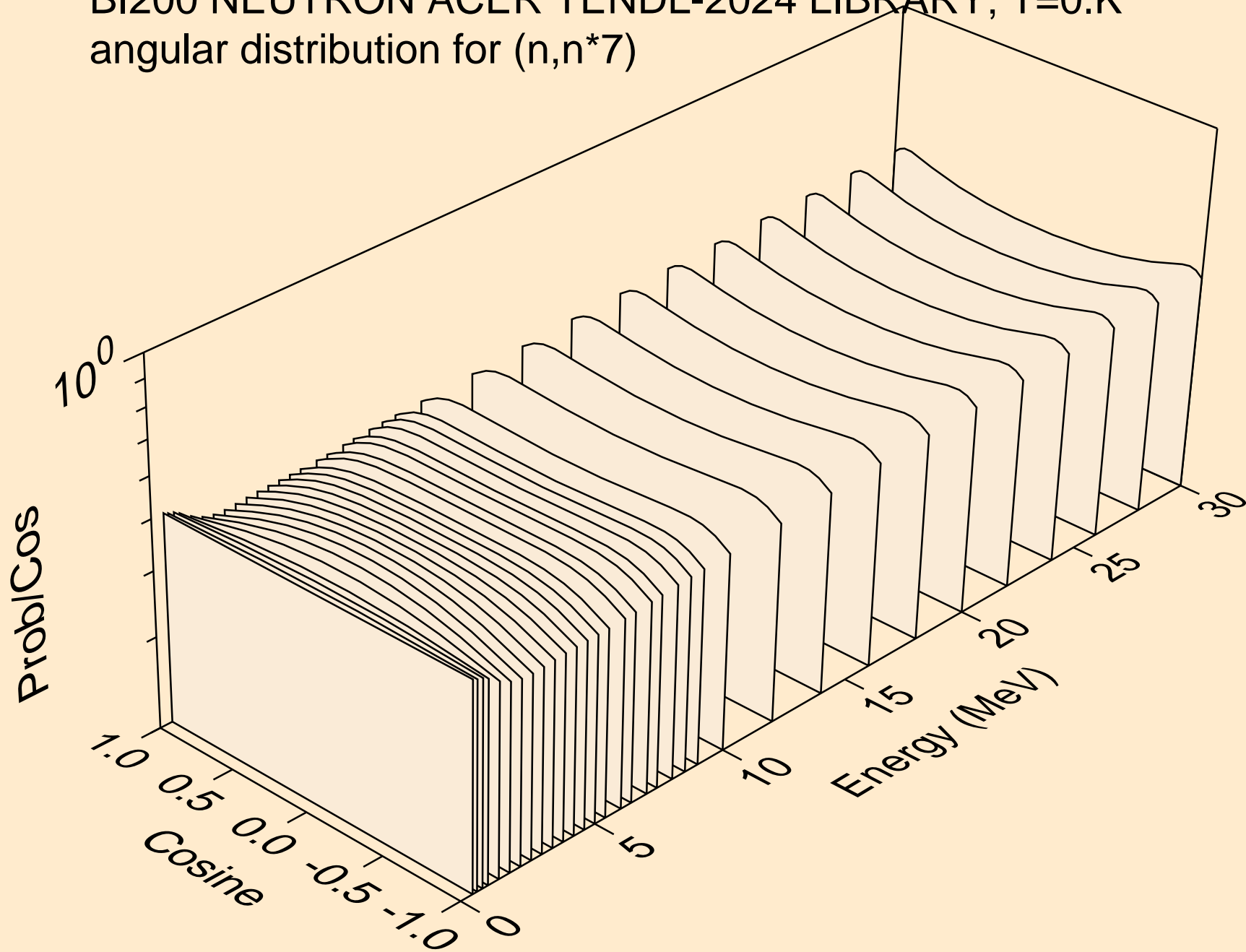
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



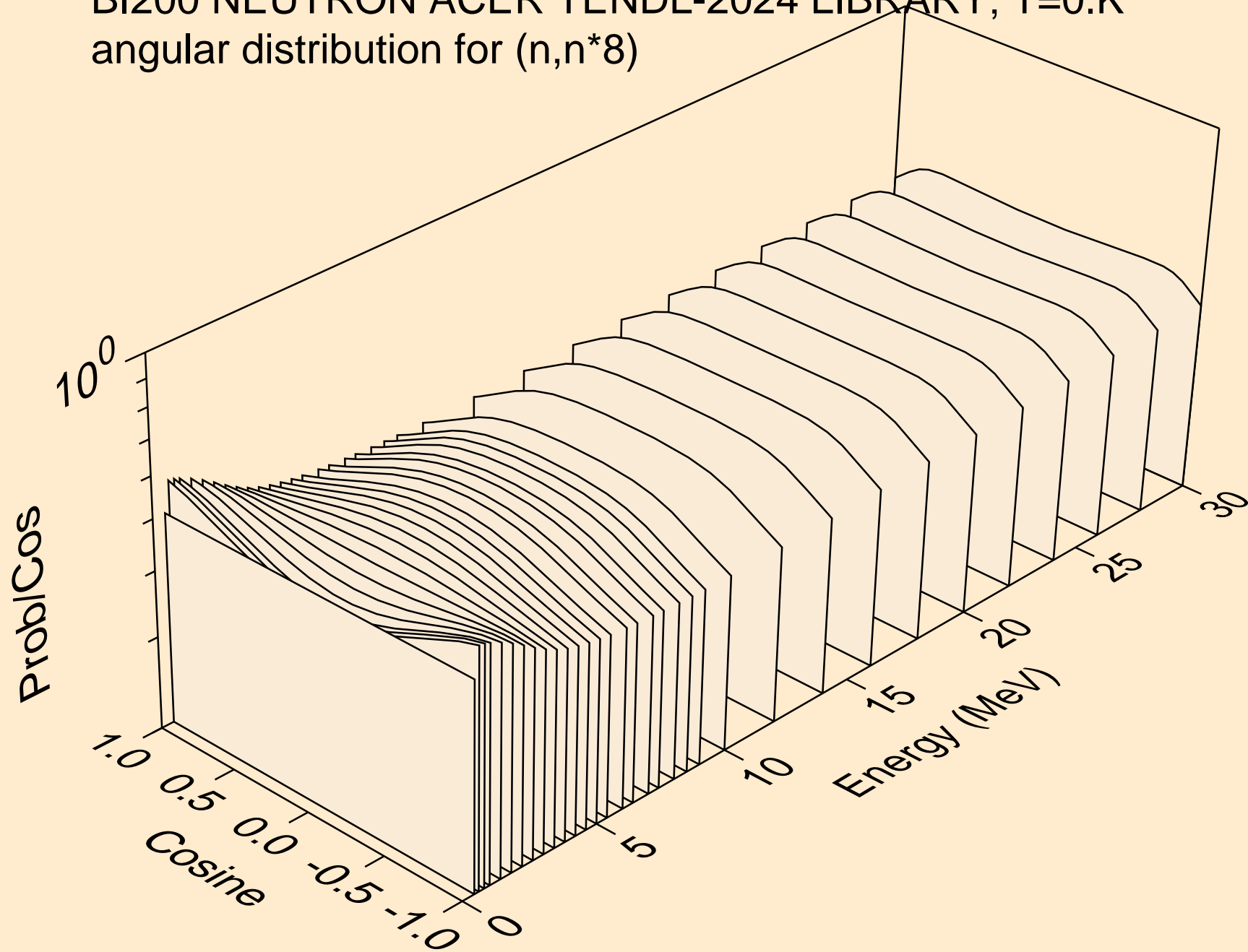
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



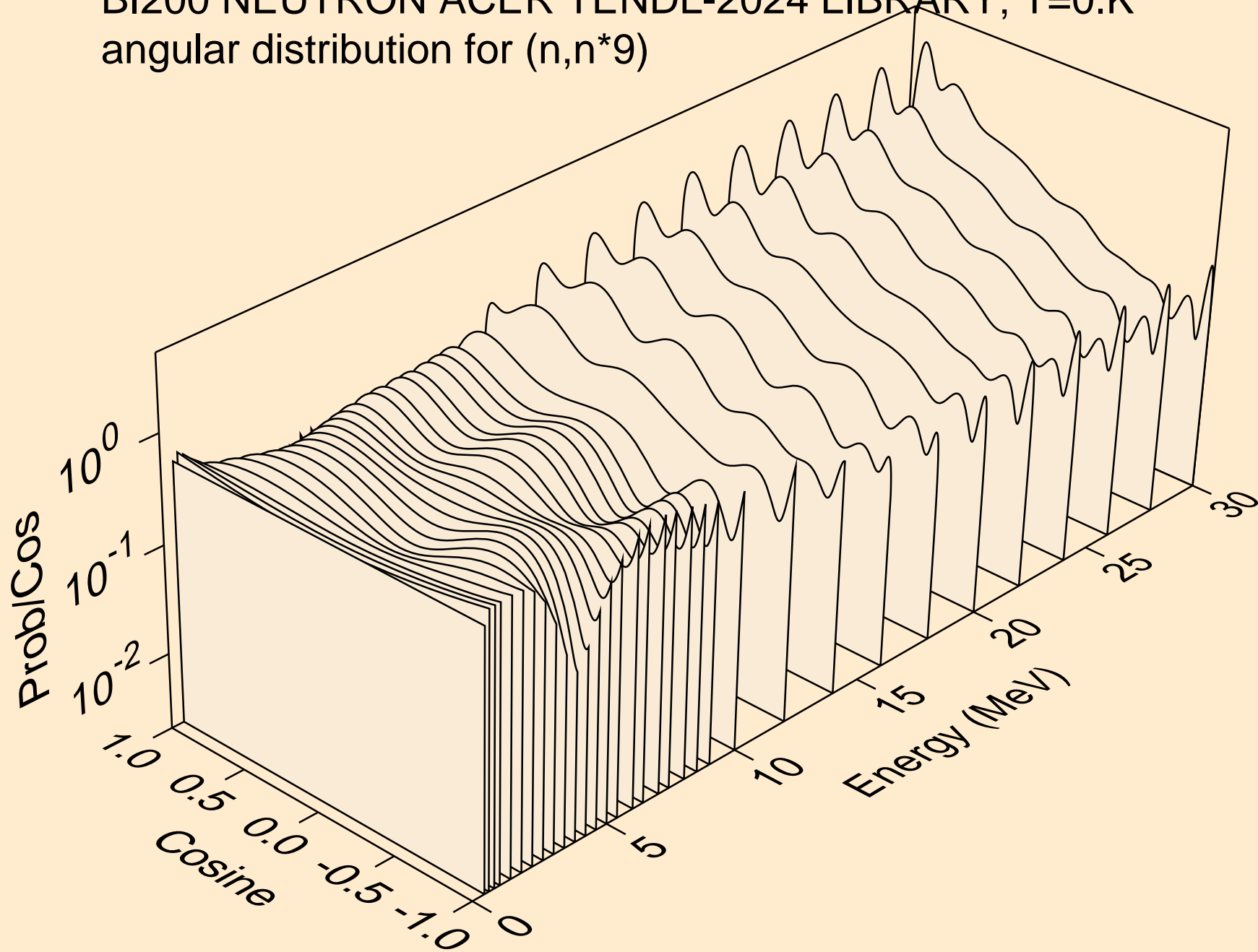
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

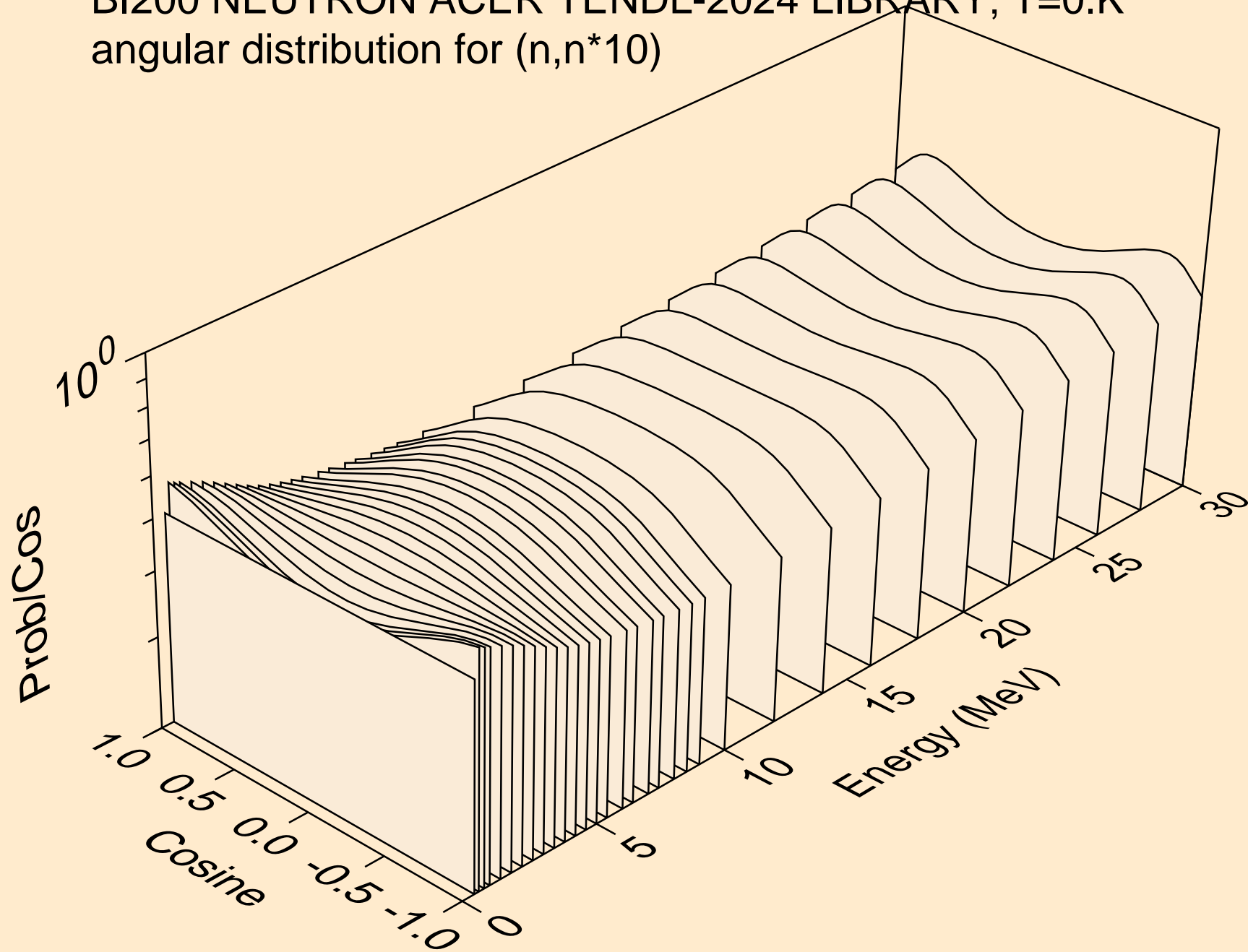


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

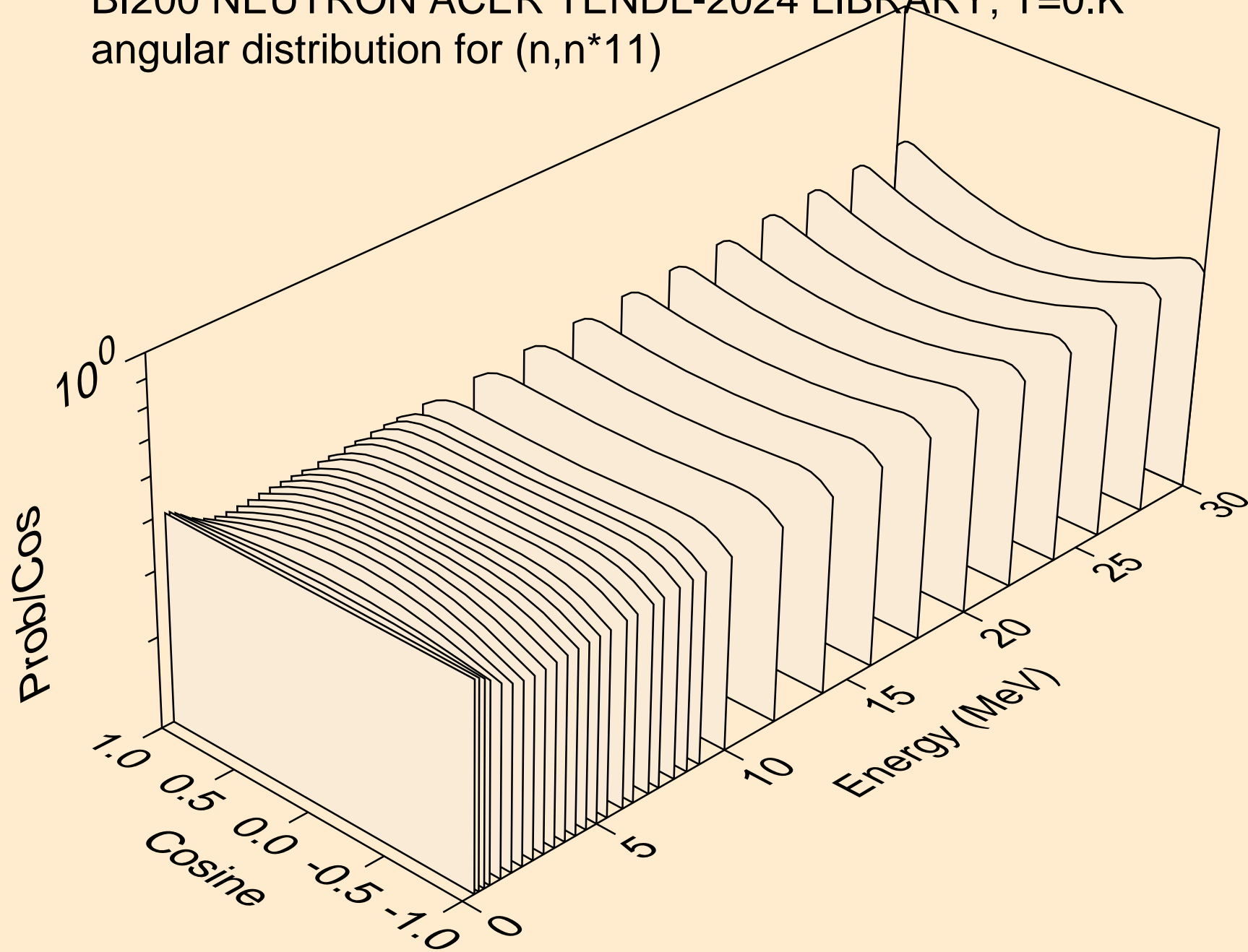




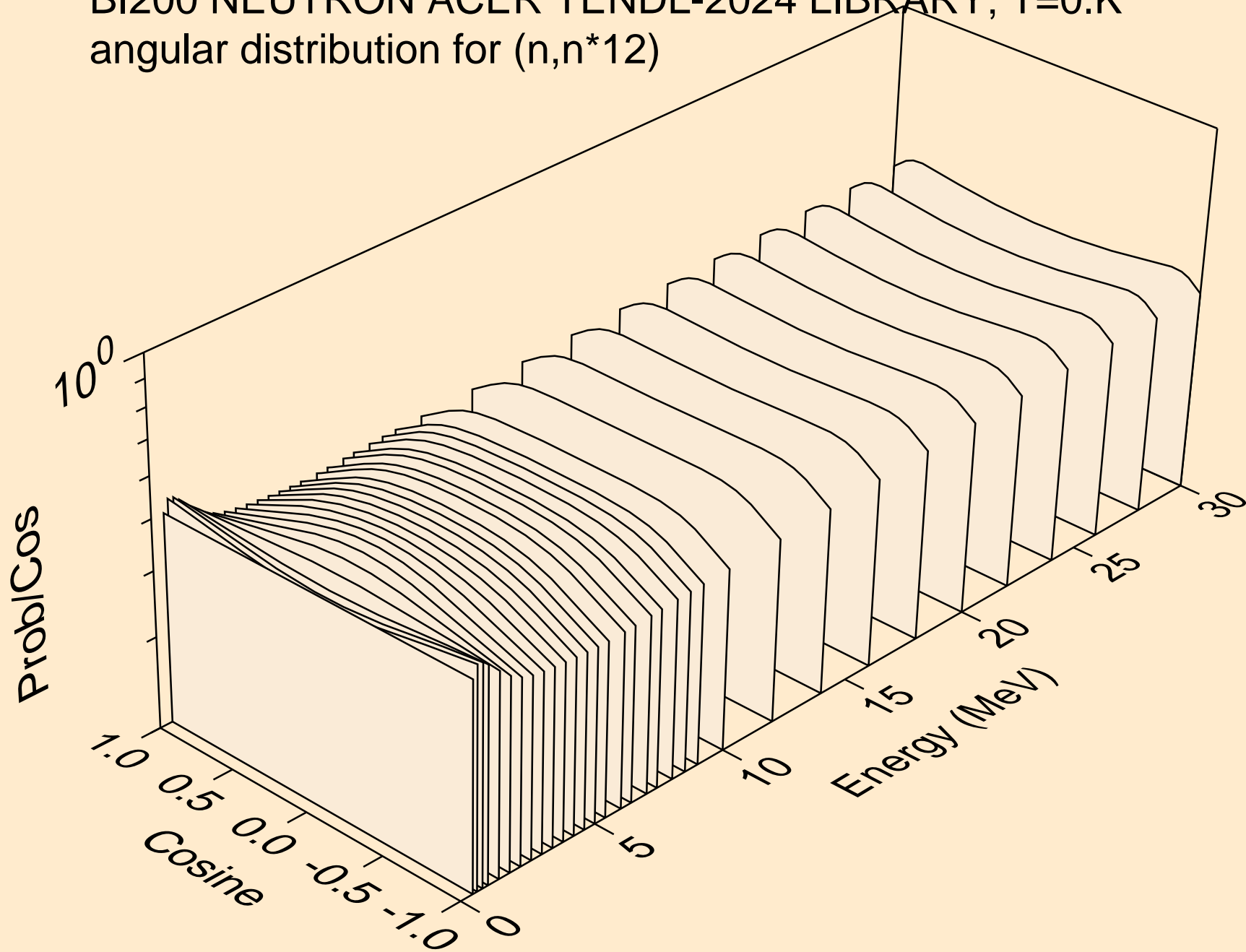
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



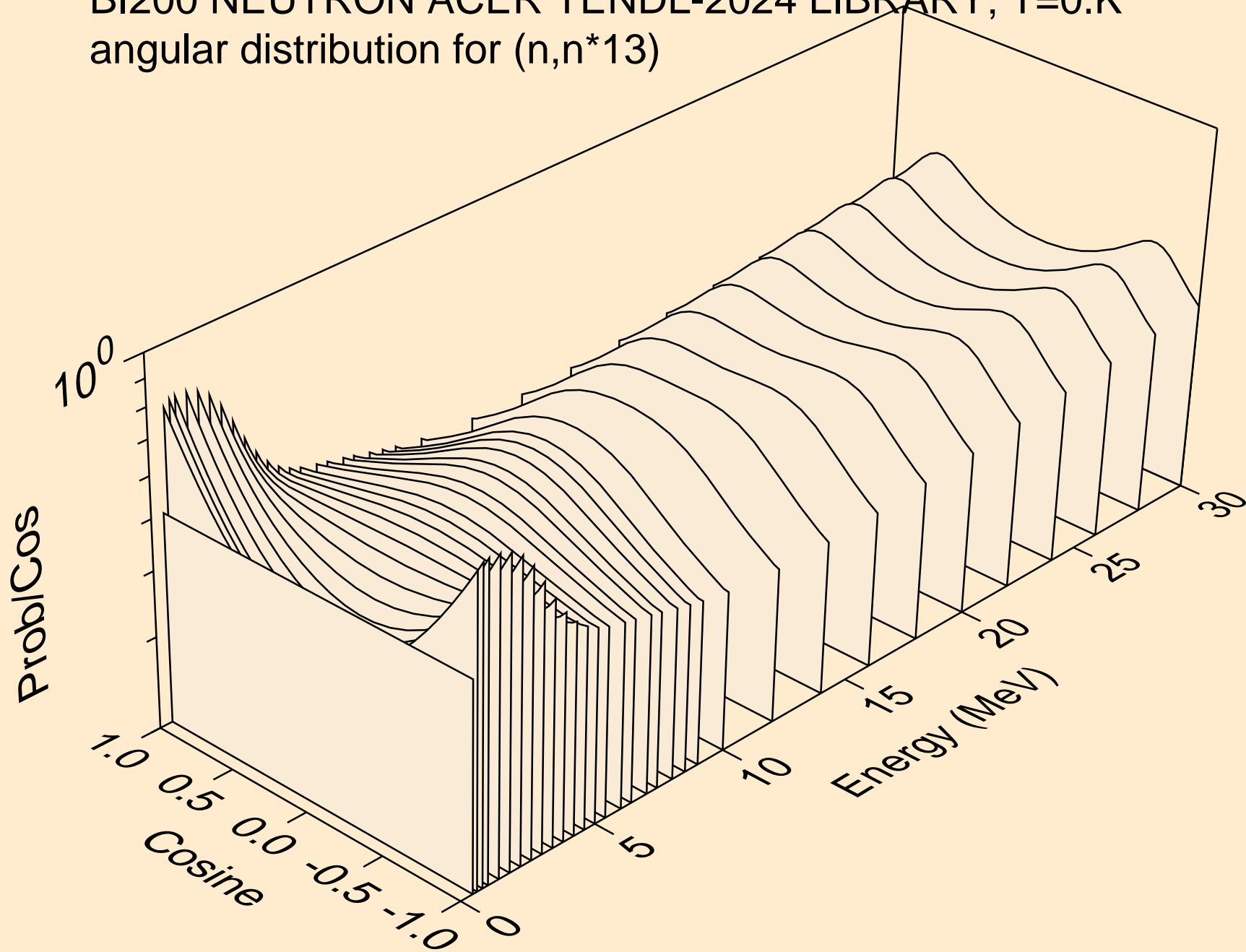
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angular distribution for (n,n\*11)



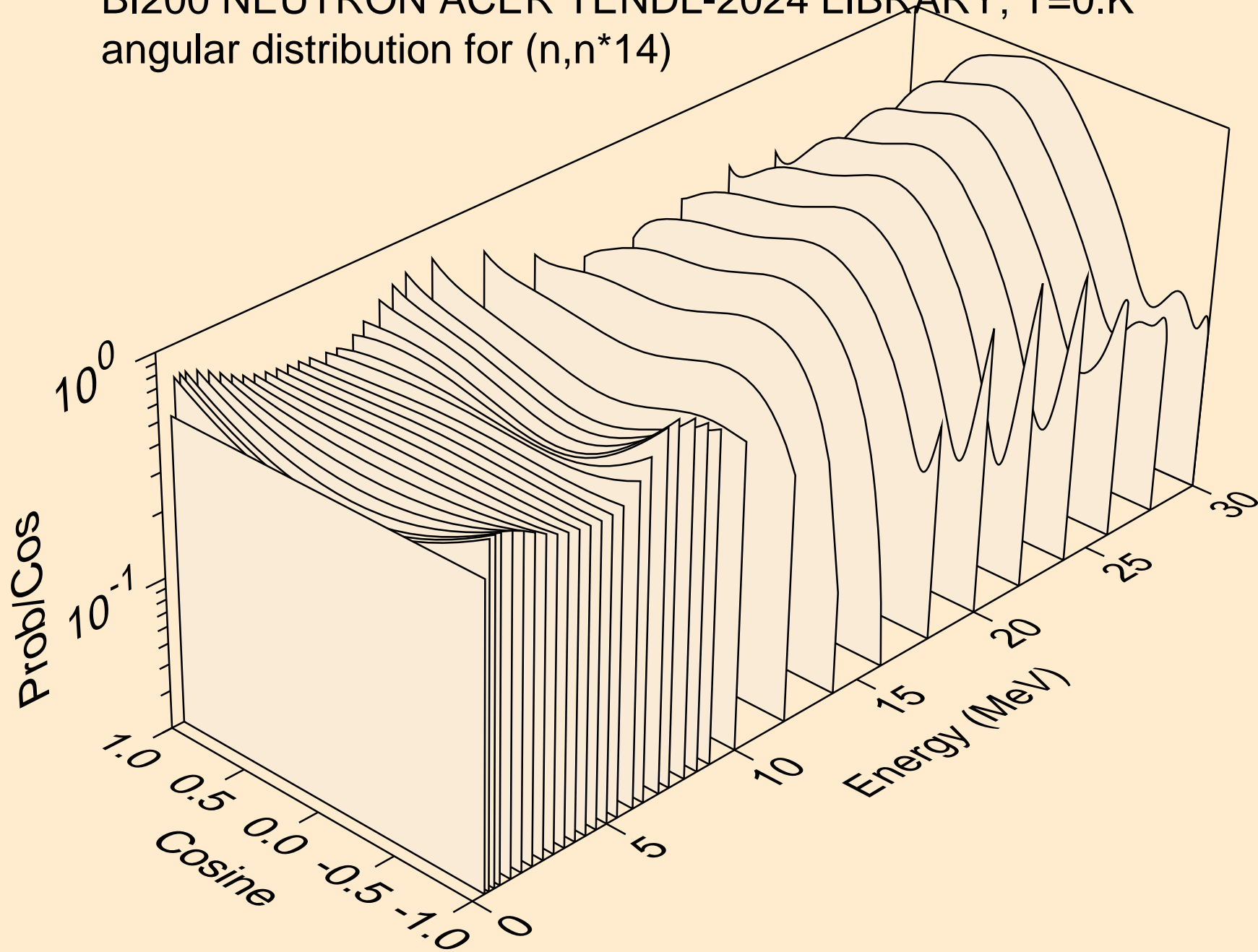
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angular distribution for (n,n\*12)



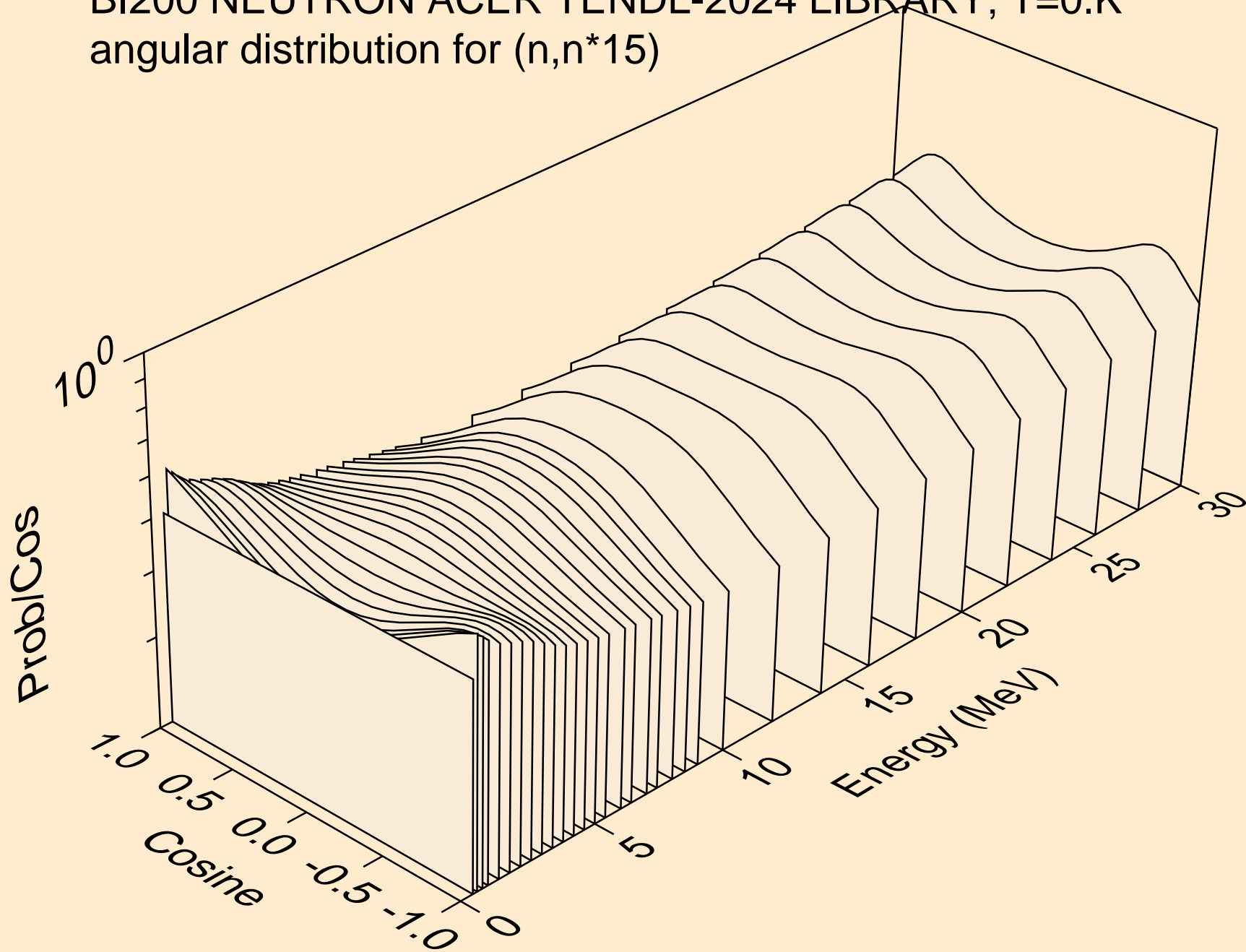
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angular distribution for (n,n\*13)



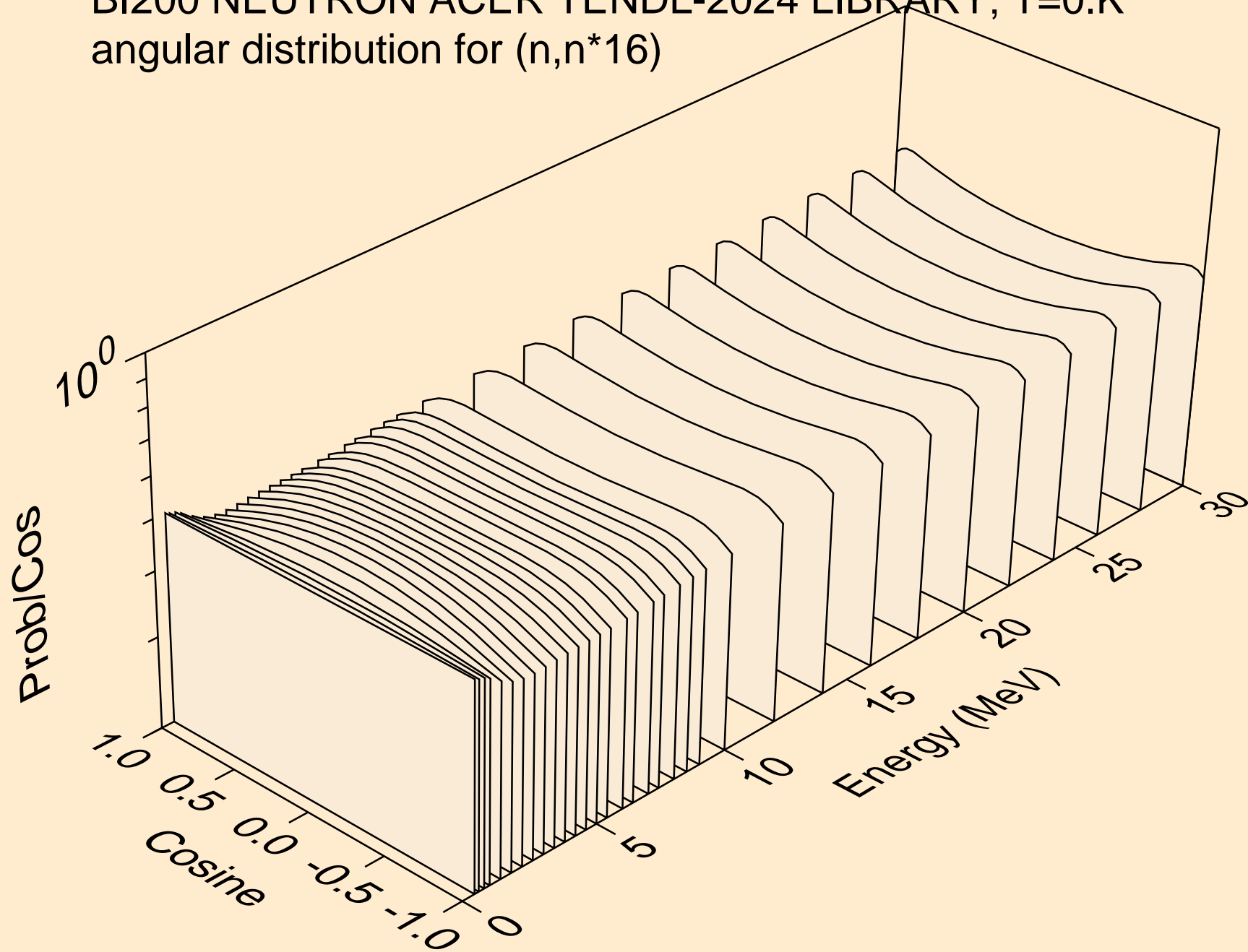
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angular distribution for (n,n\*14)



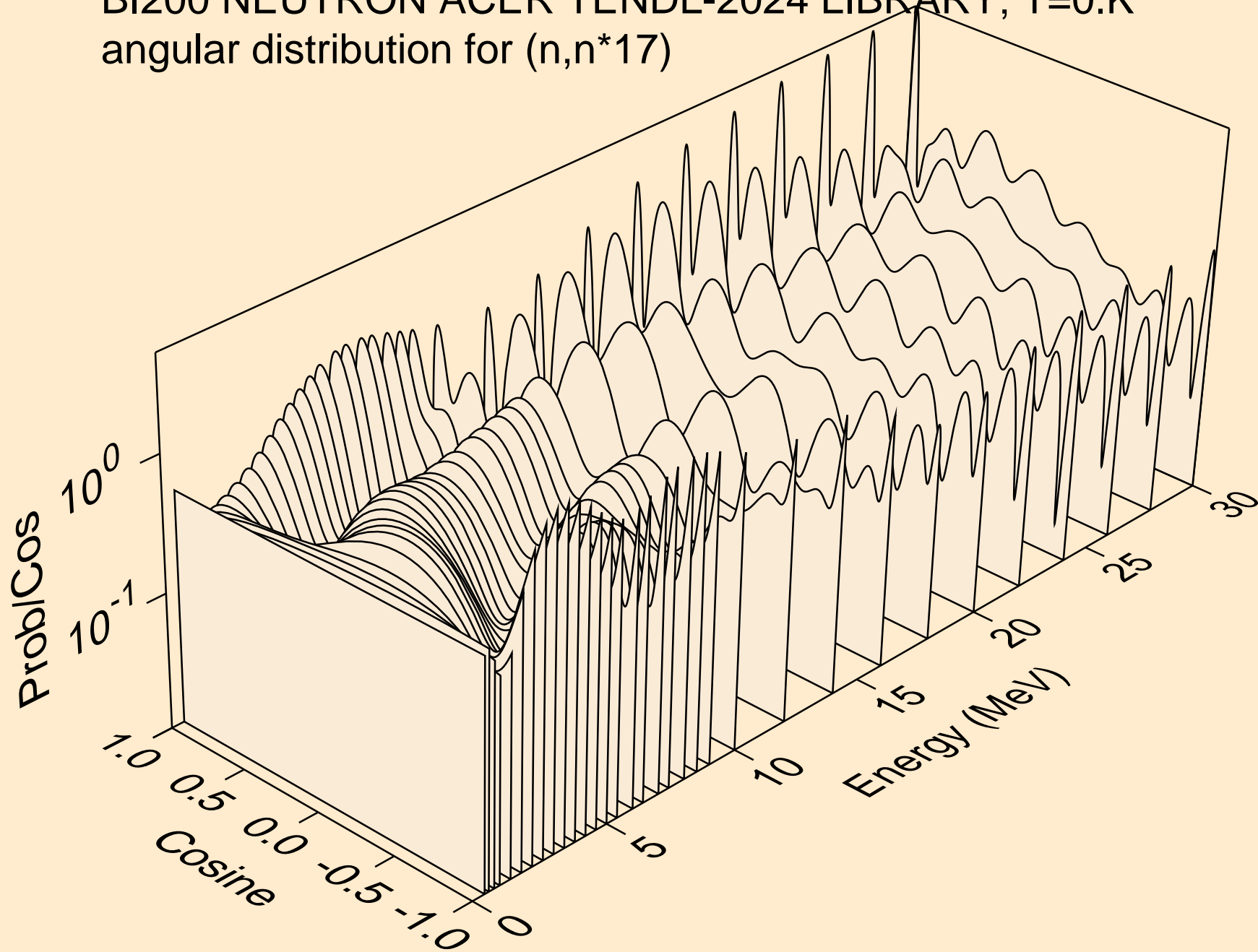
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

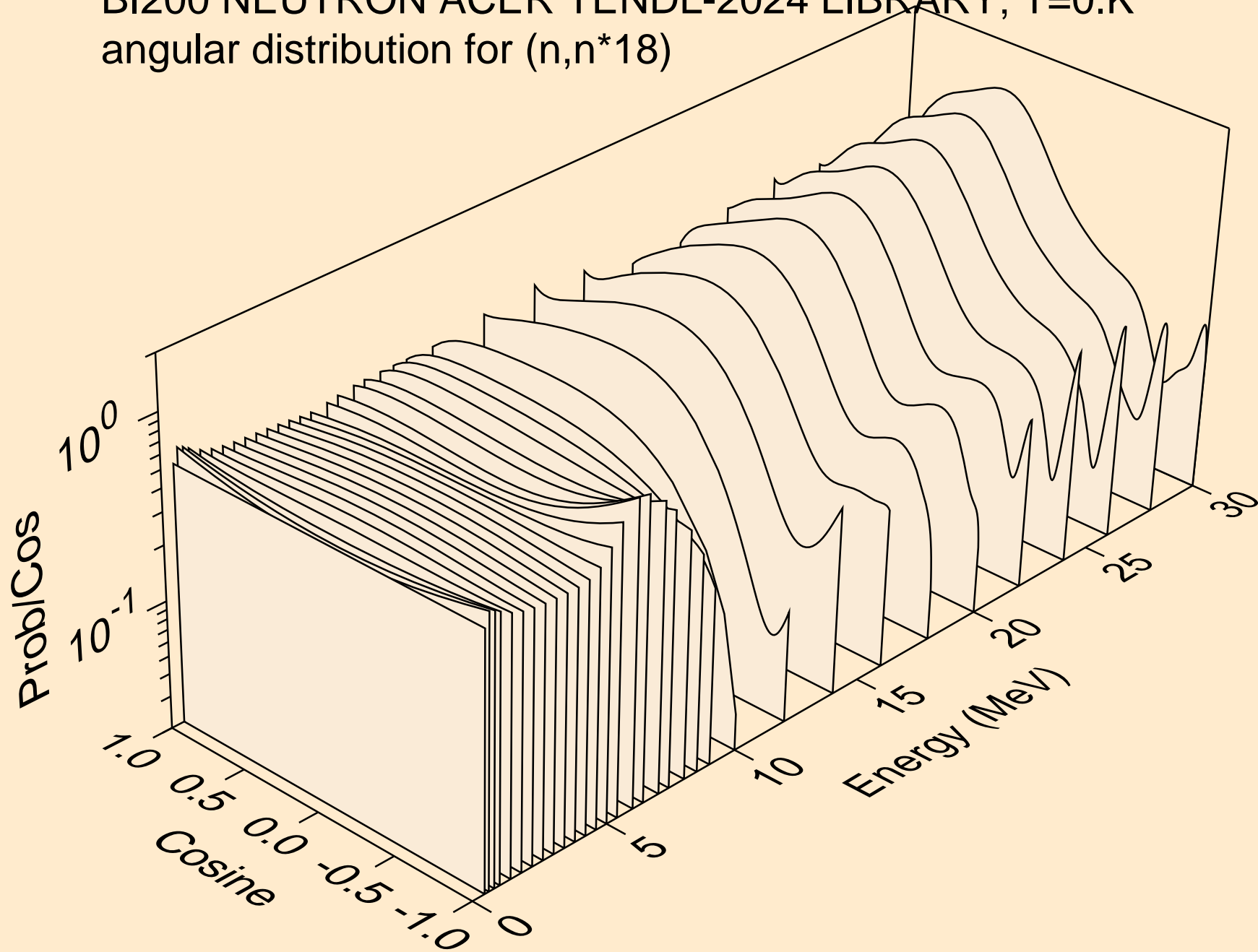


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

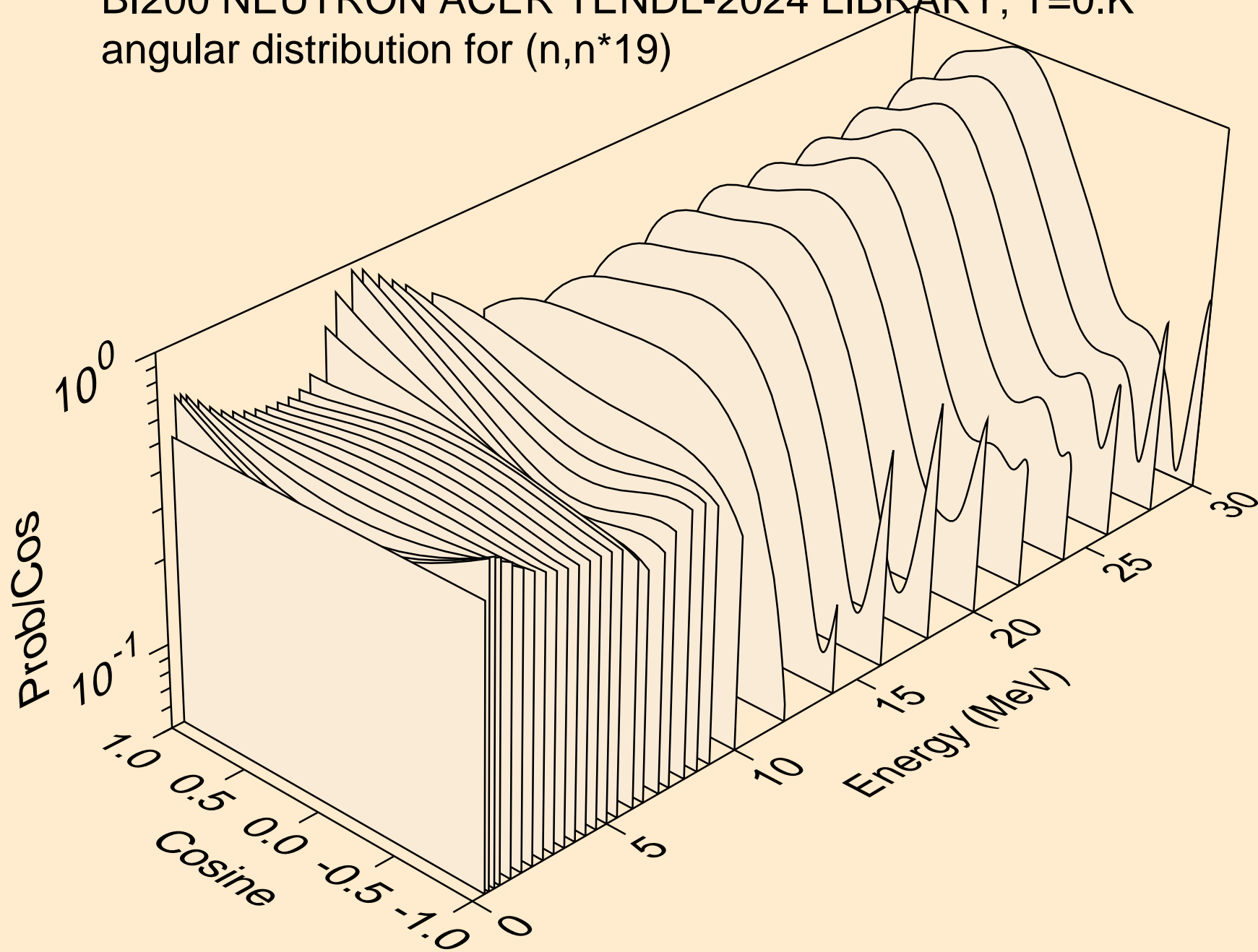




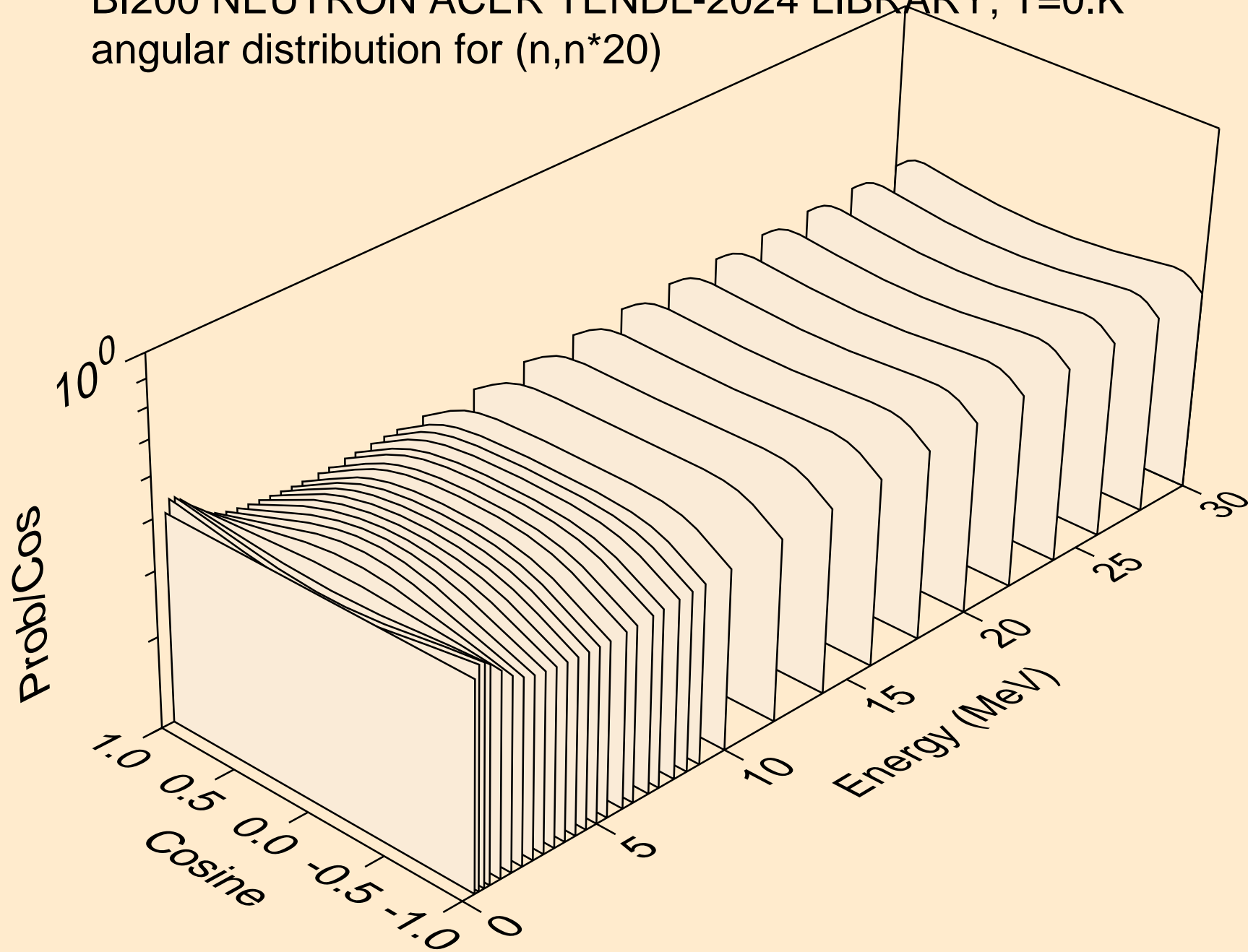
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angular distribution for (n,n\*18)



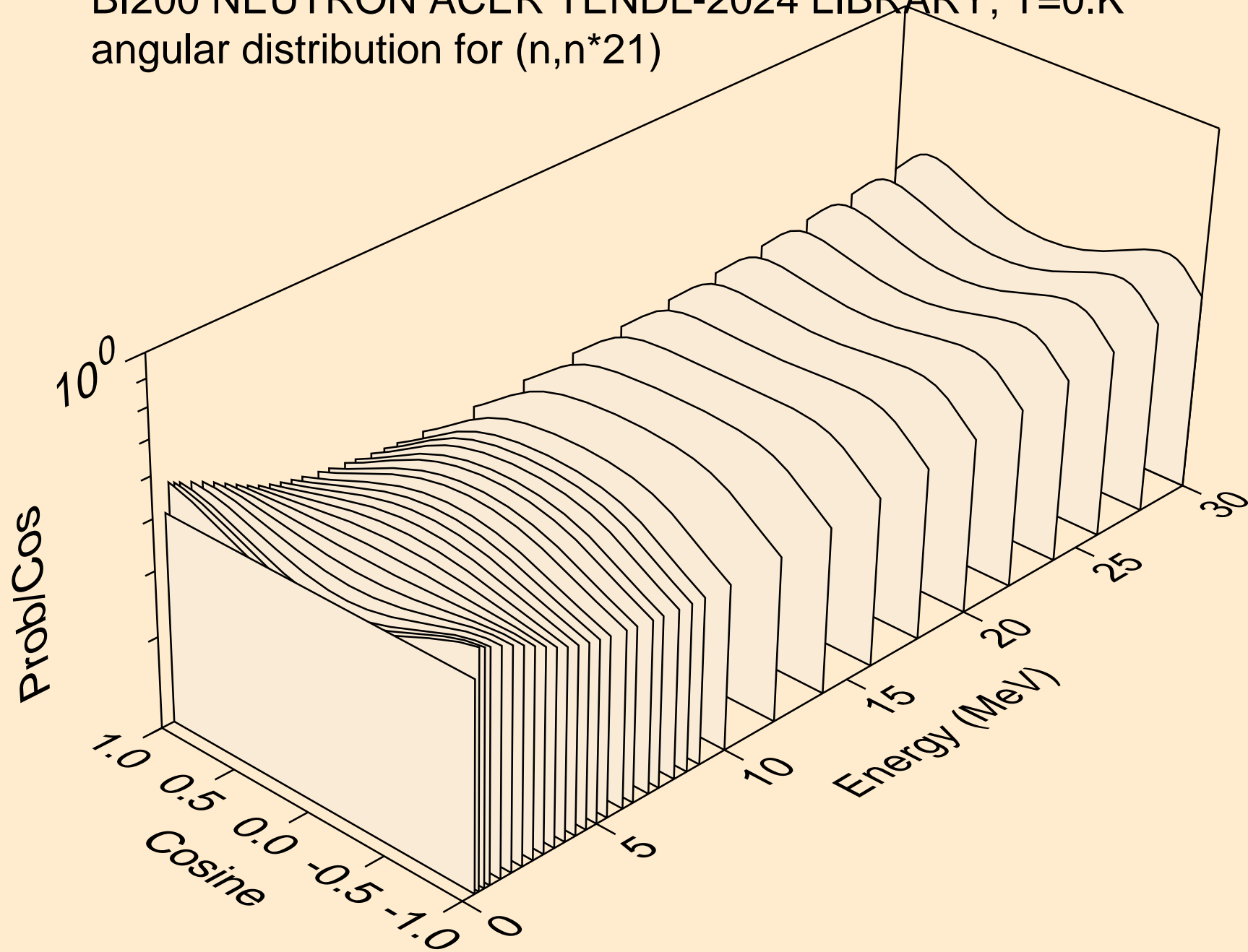
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angular distribution for (n,n\*19)



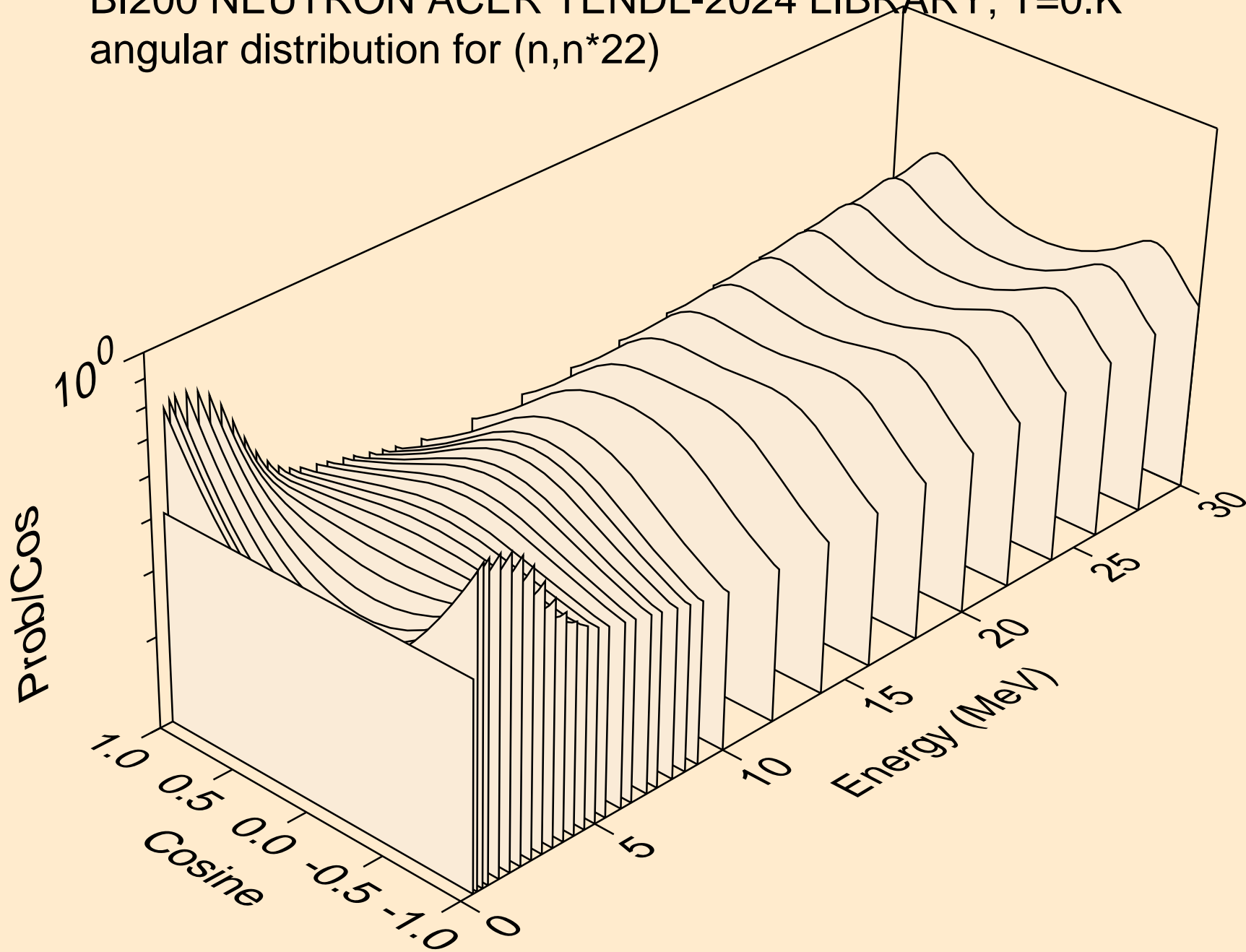
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angular distribution for (n,n\*20)



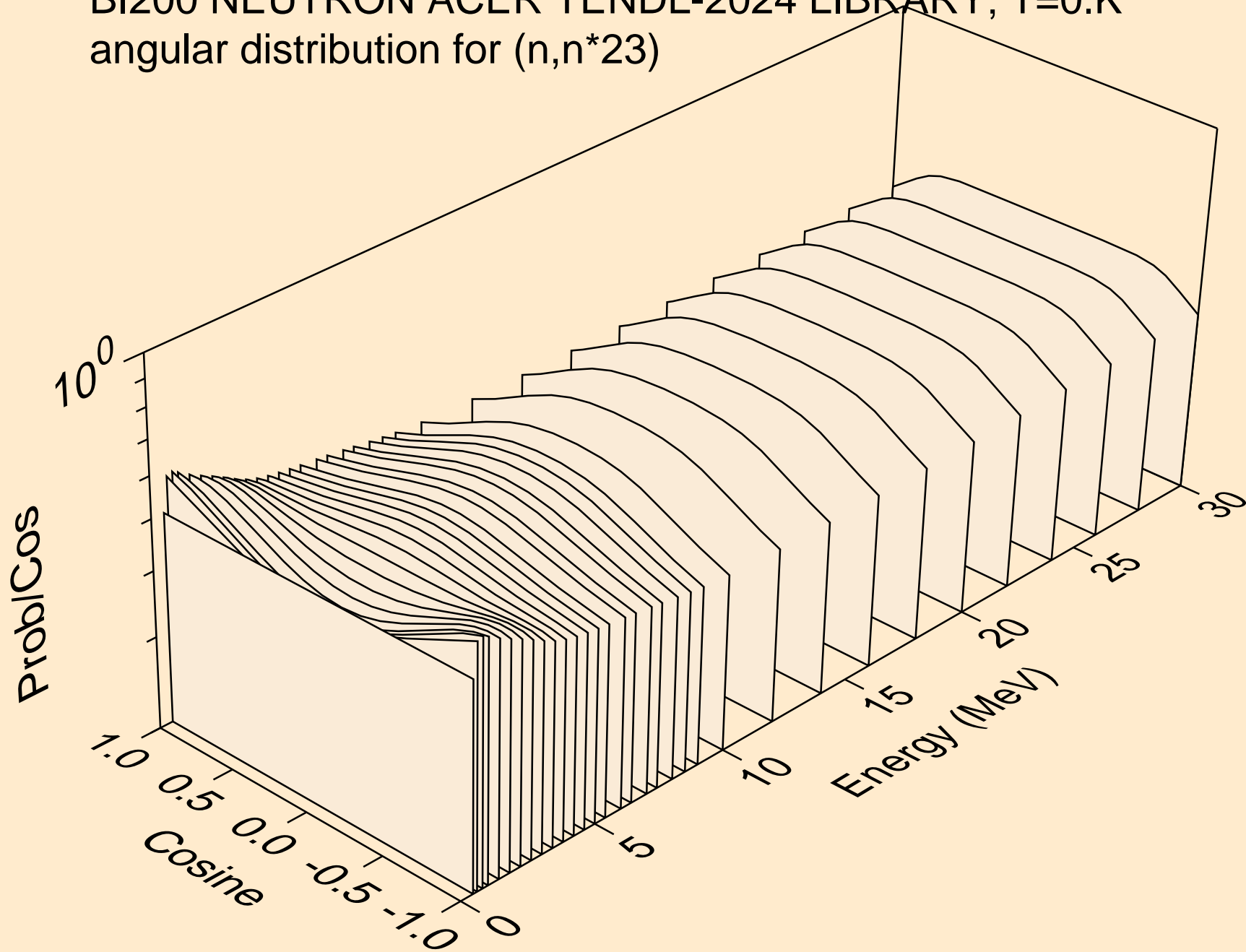
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angular distribution for (n,n\*21)



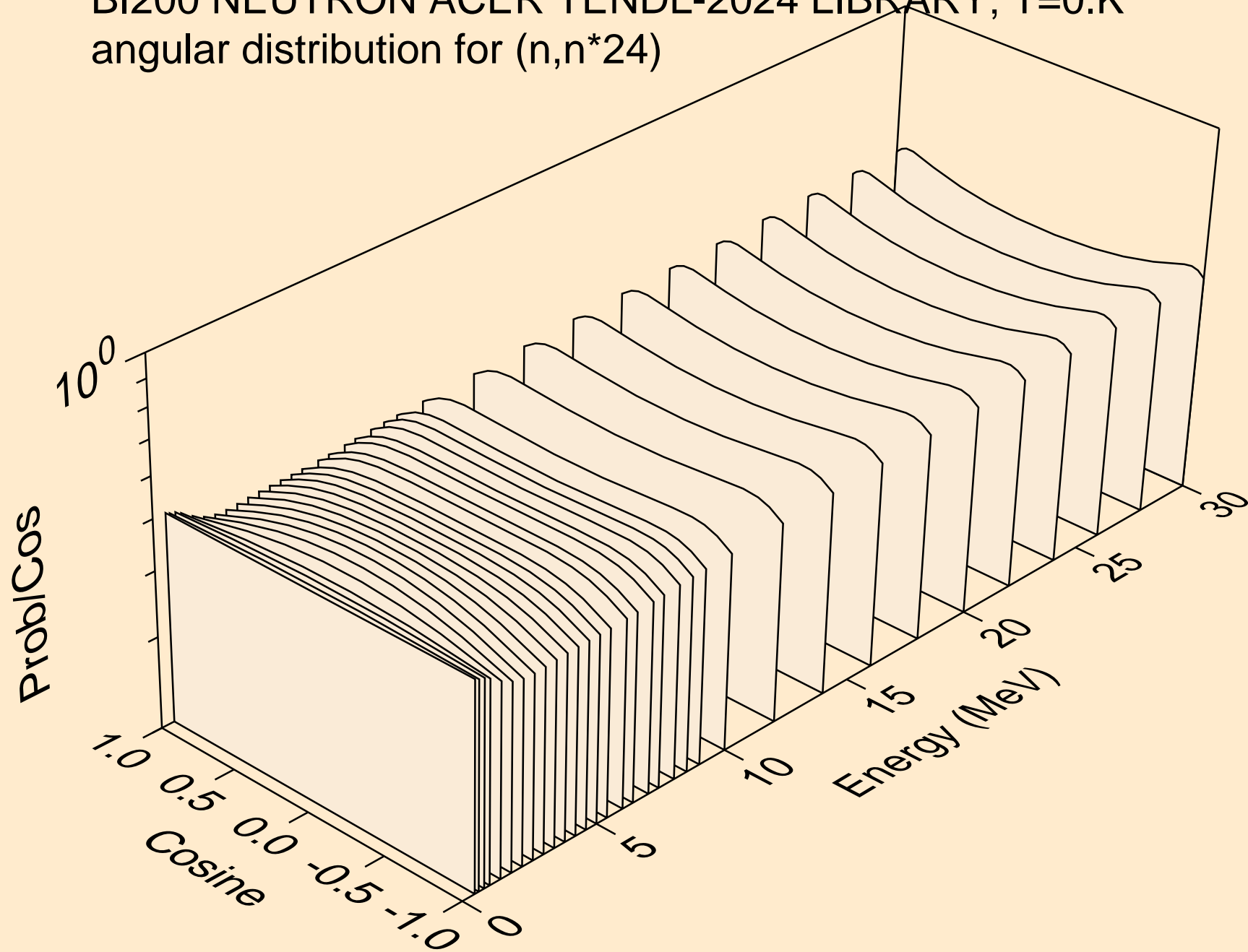
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angular distribution for (n,n\*22)



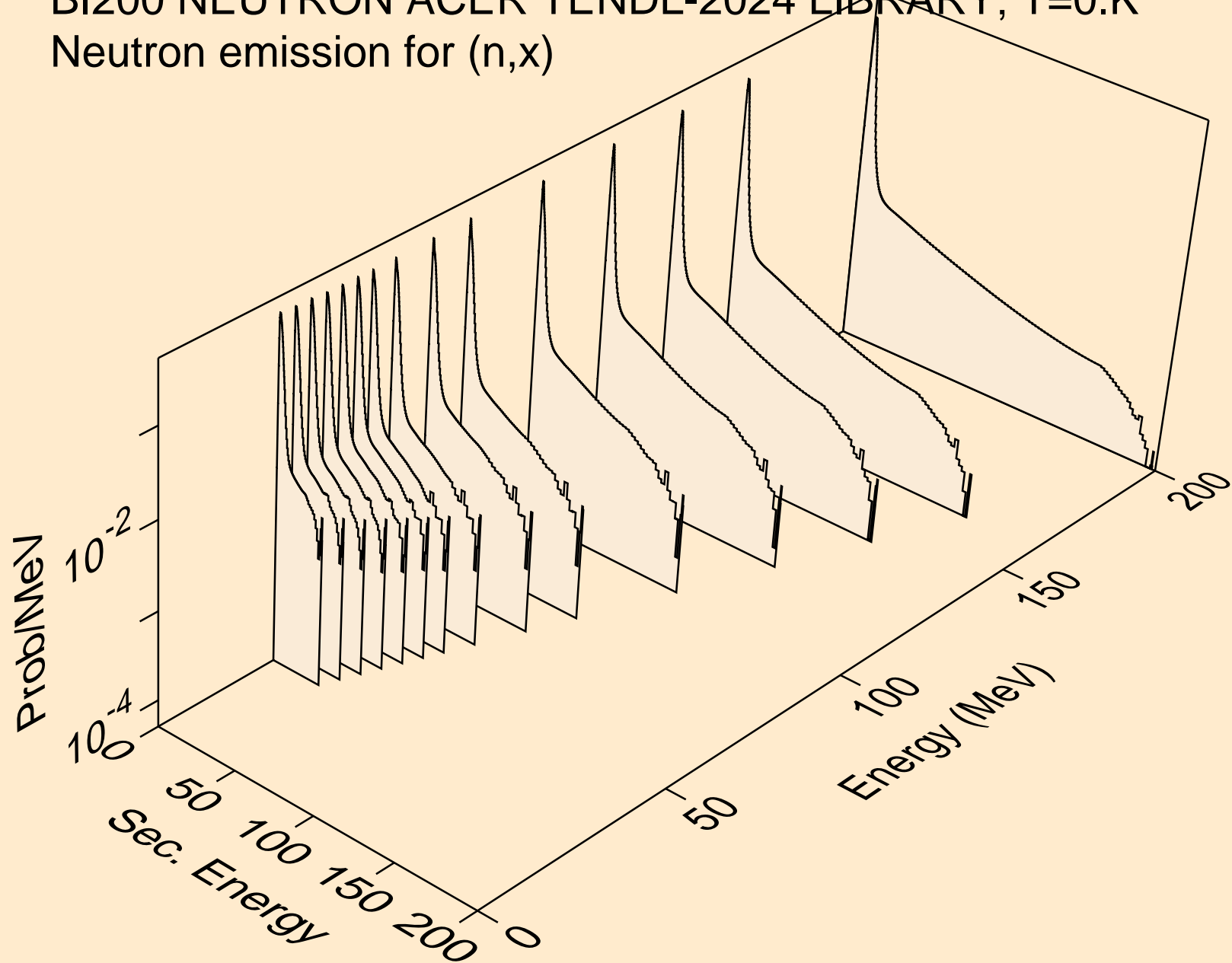
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

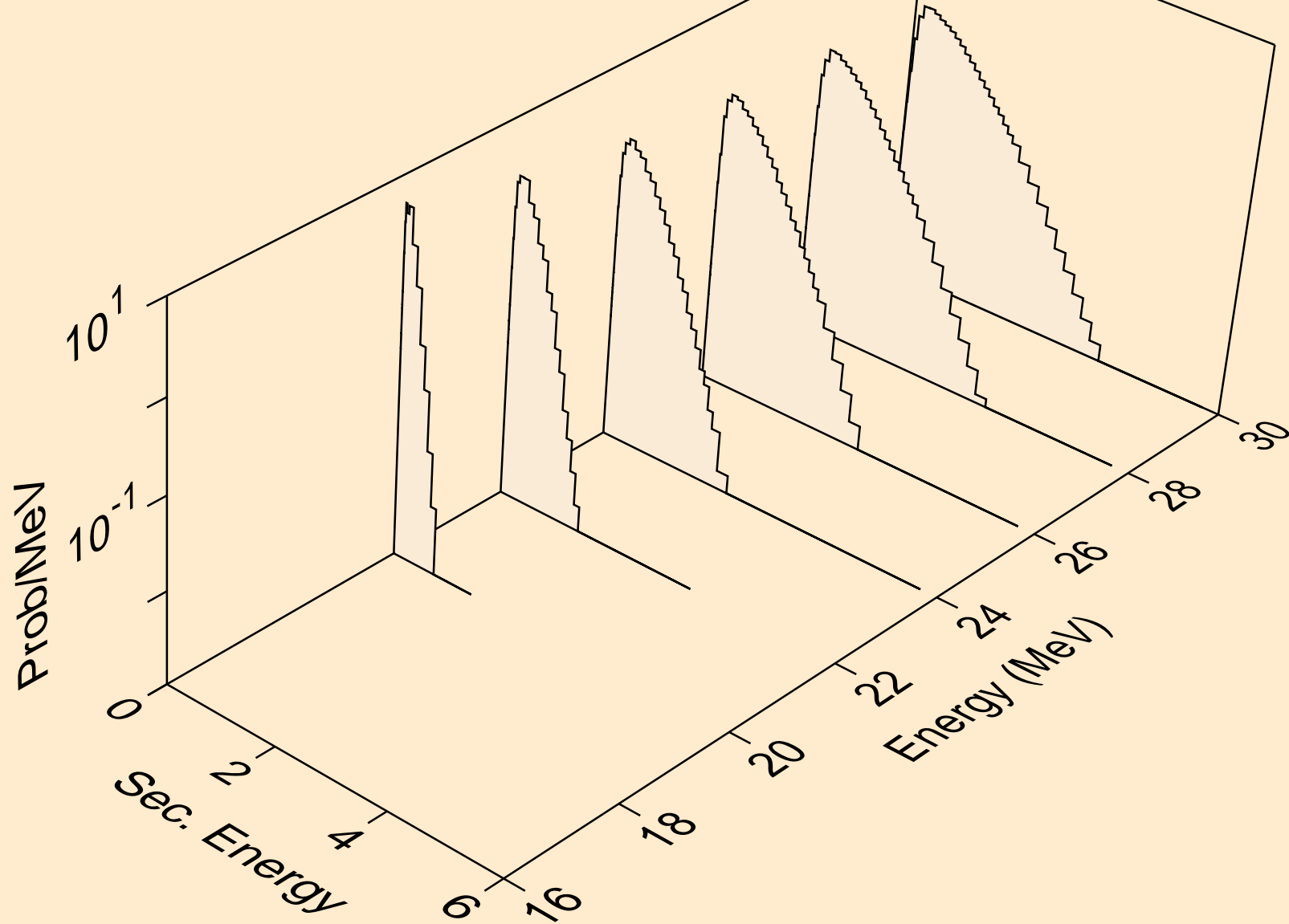


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

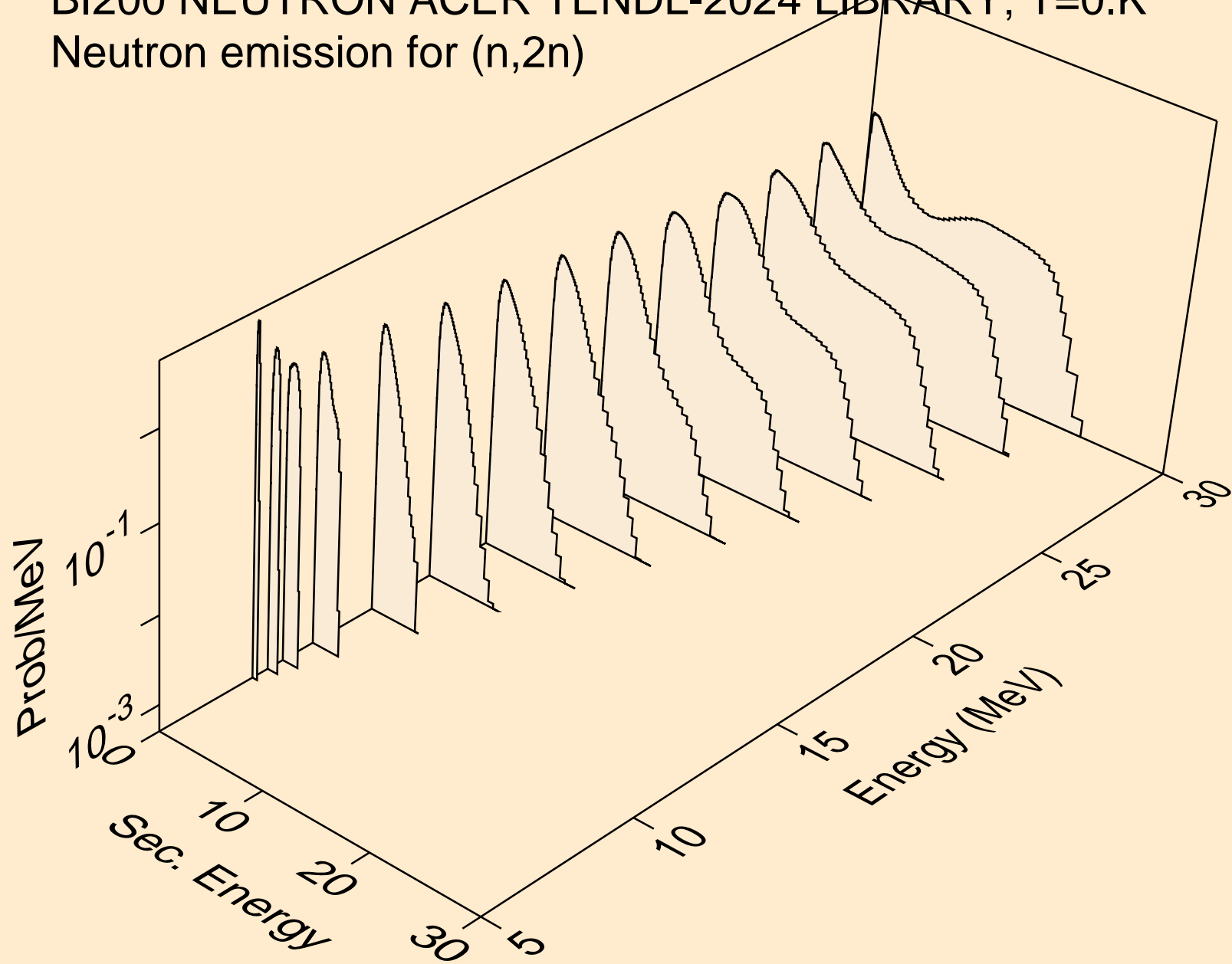




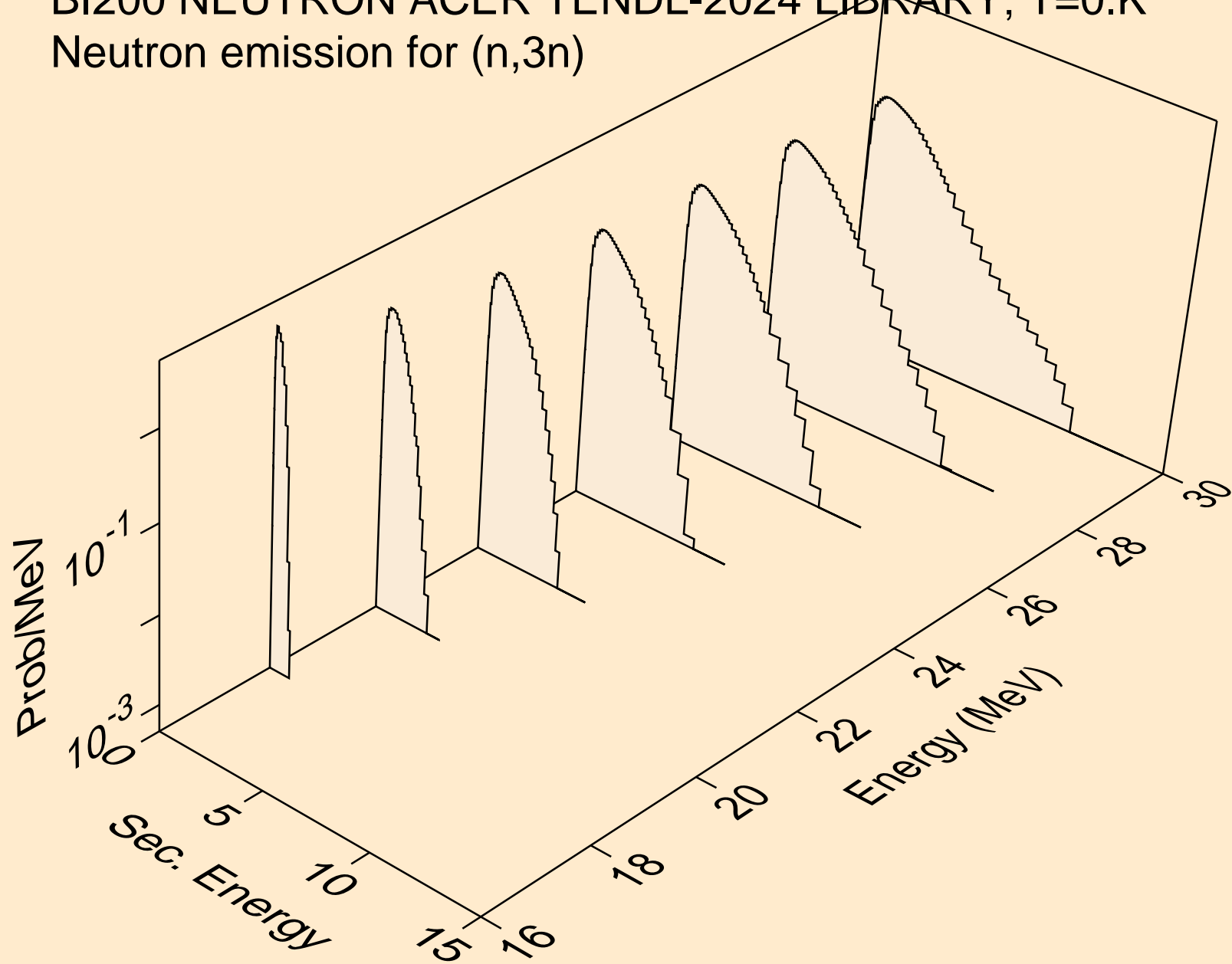
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



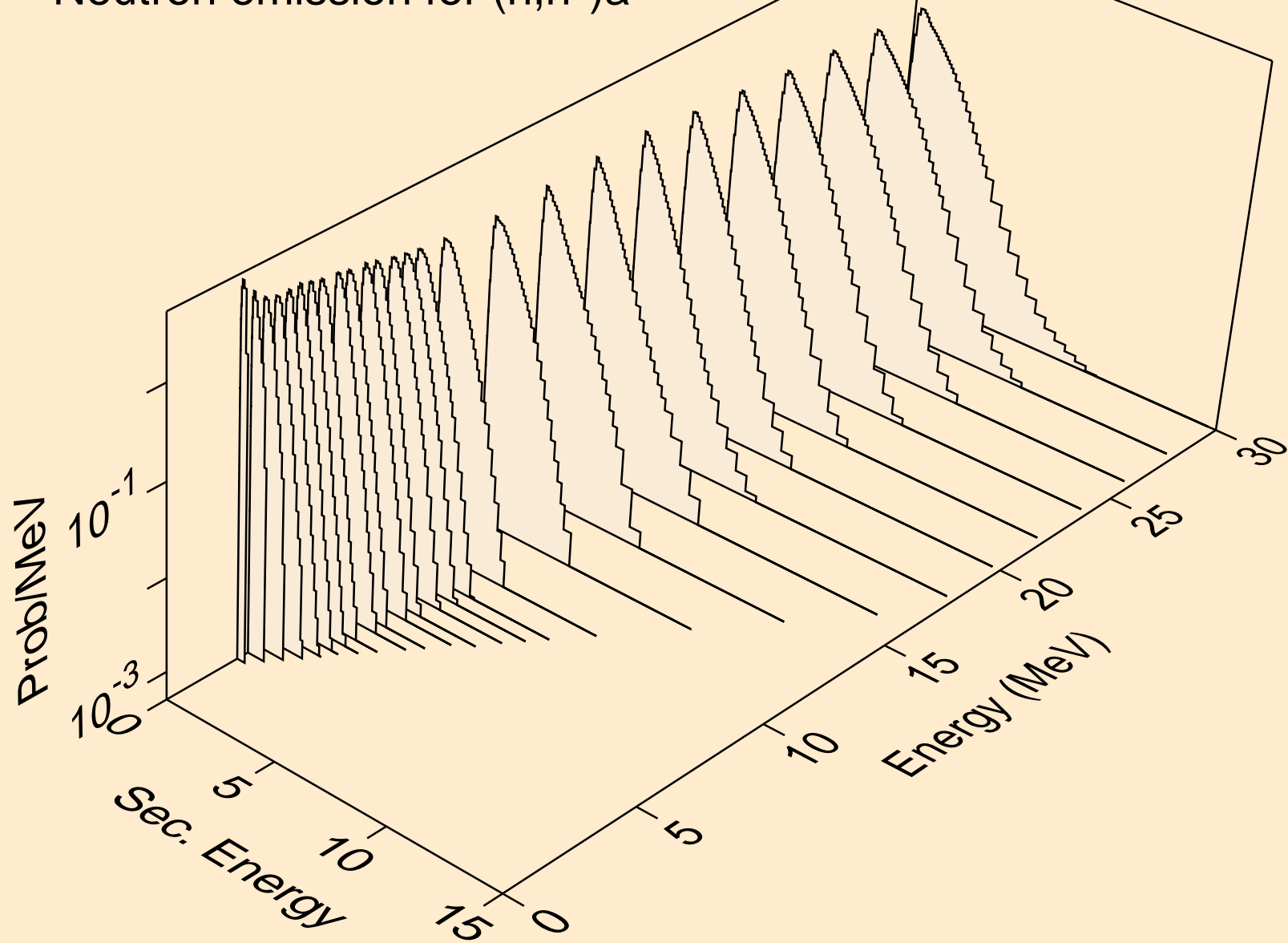
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



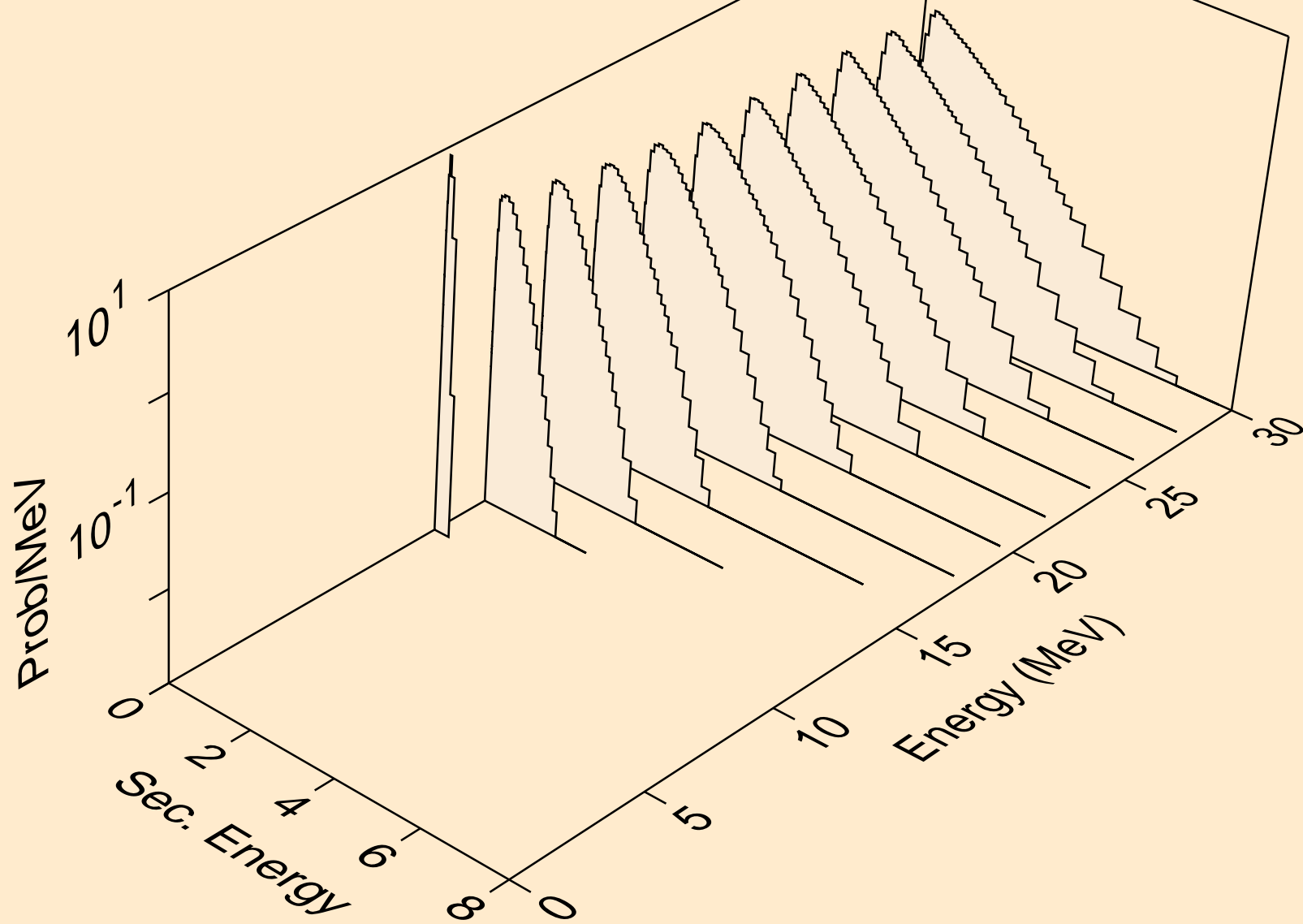
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



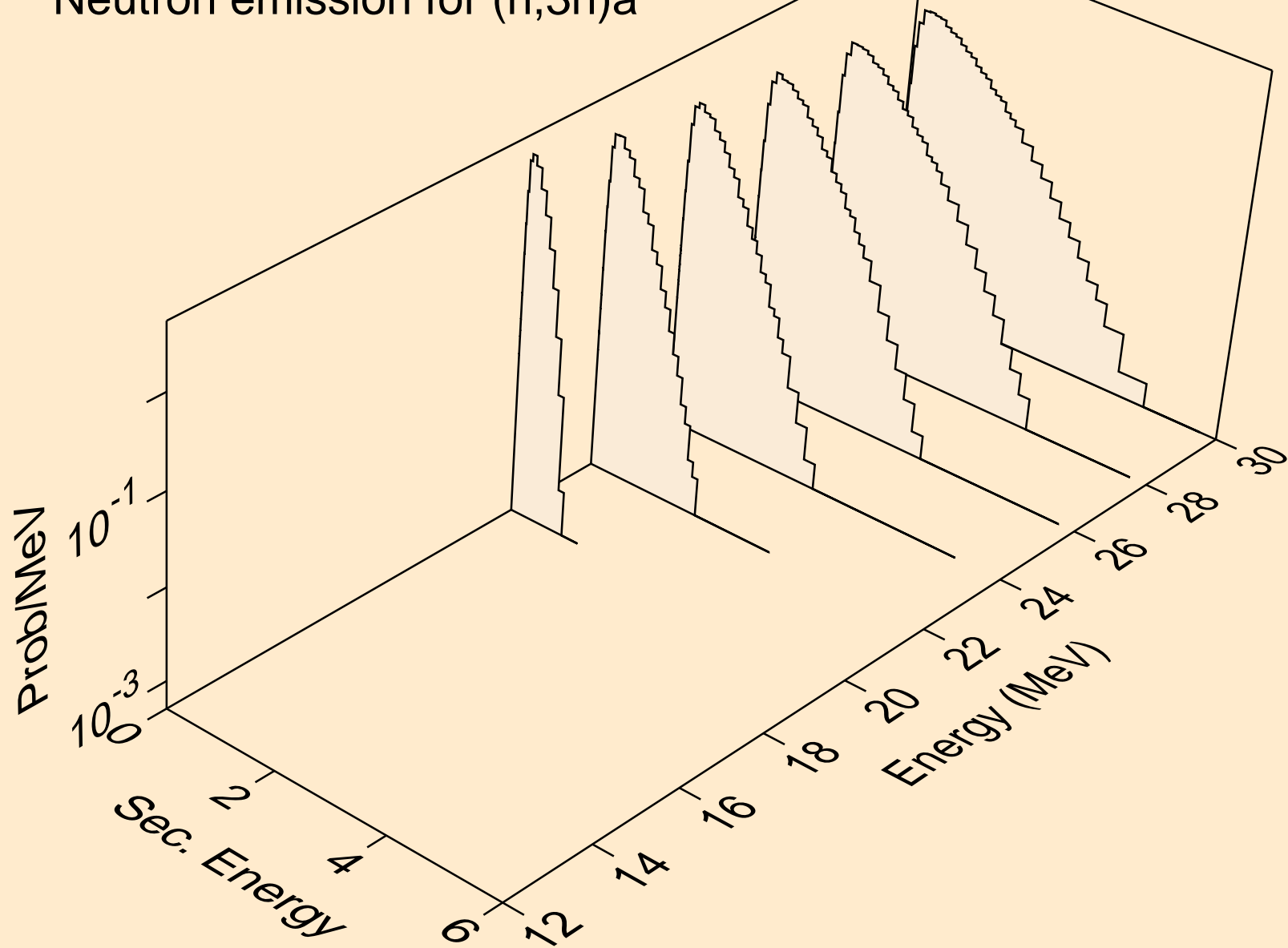
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



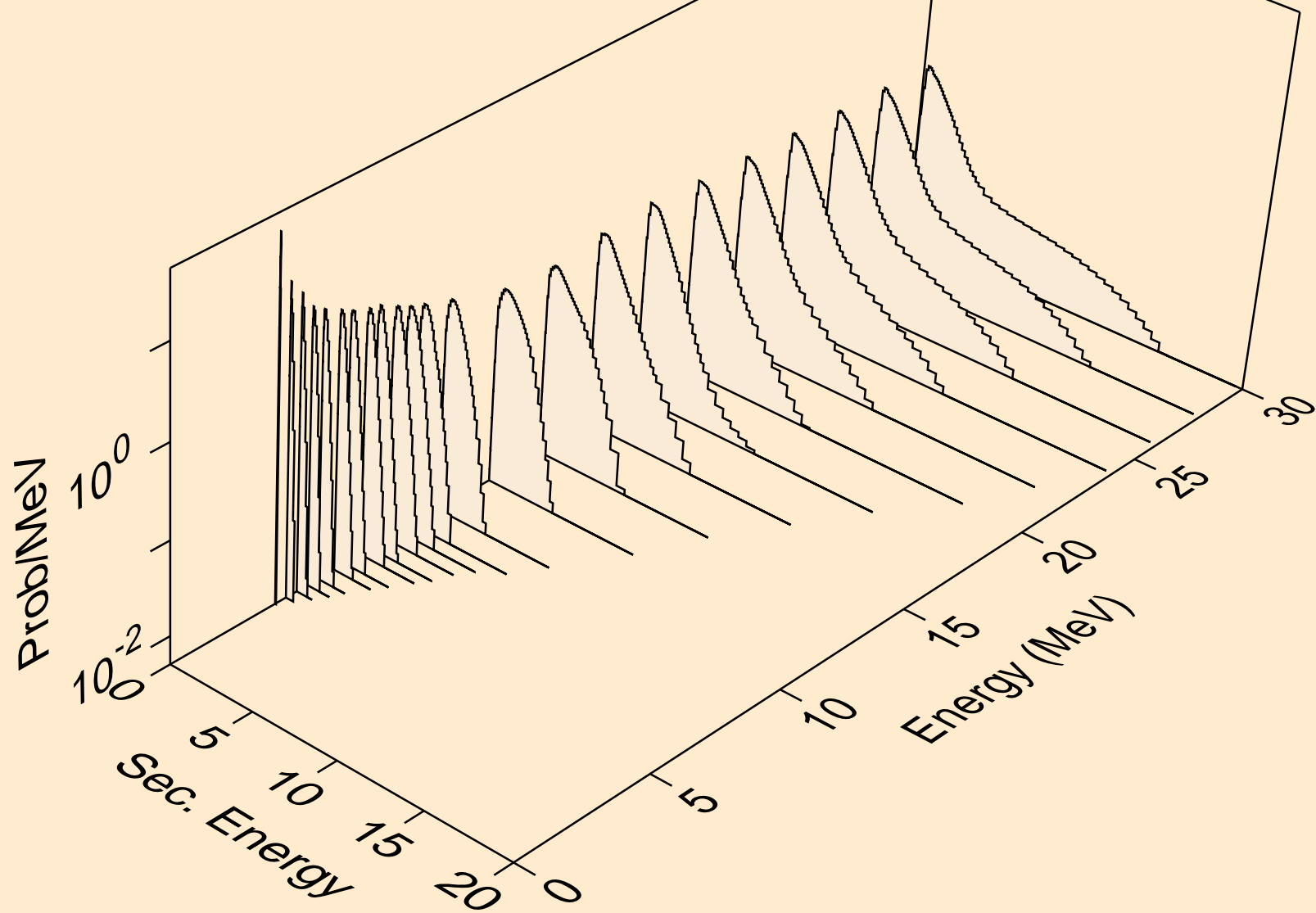
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



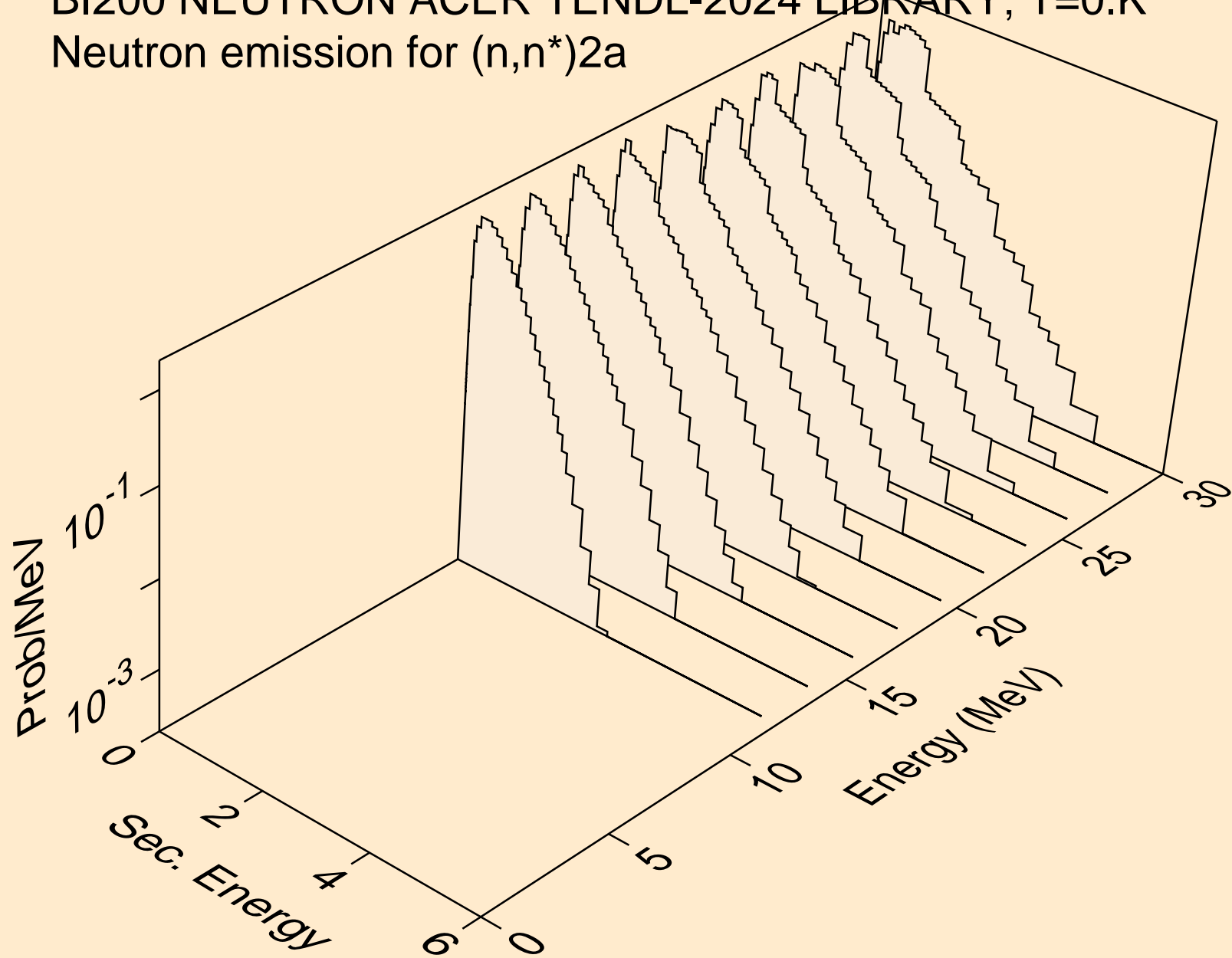
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

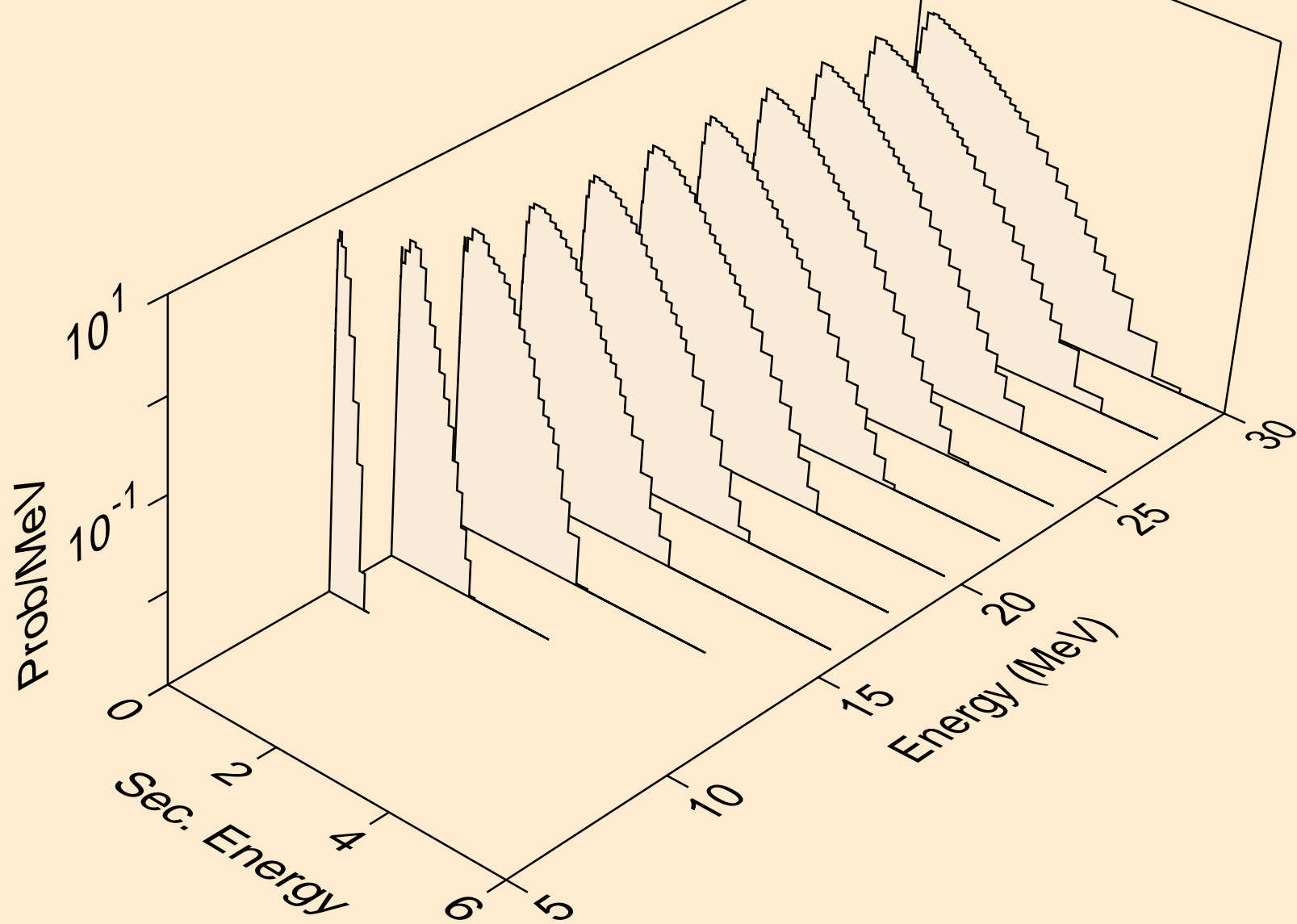


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

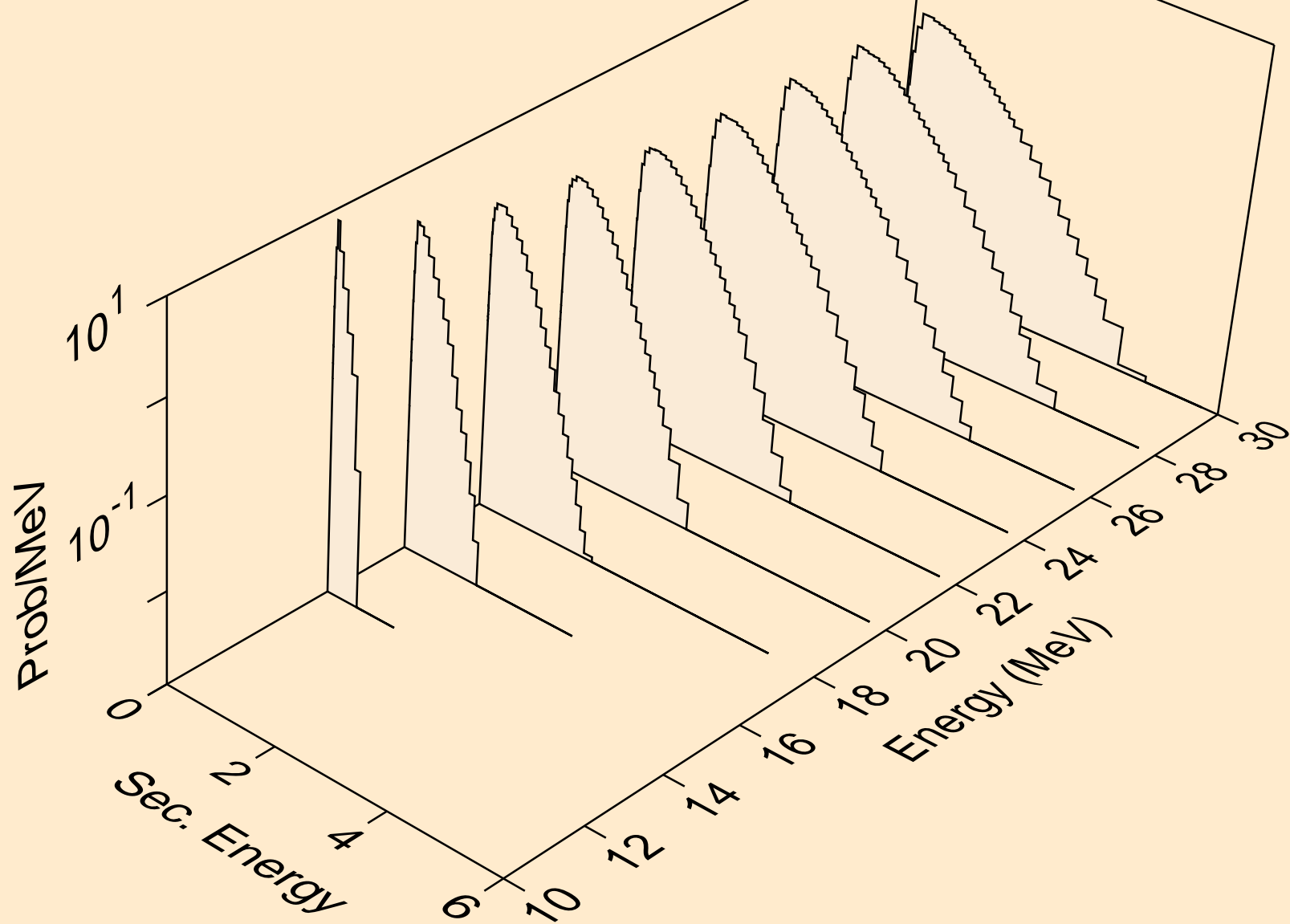




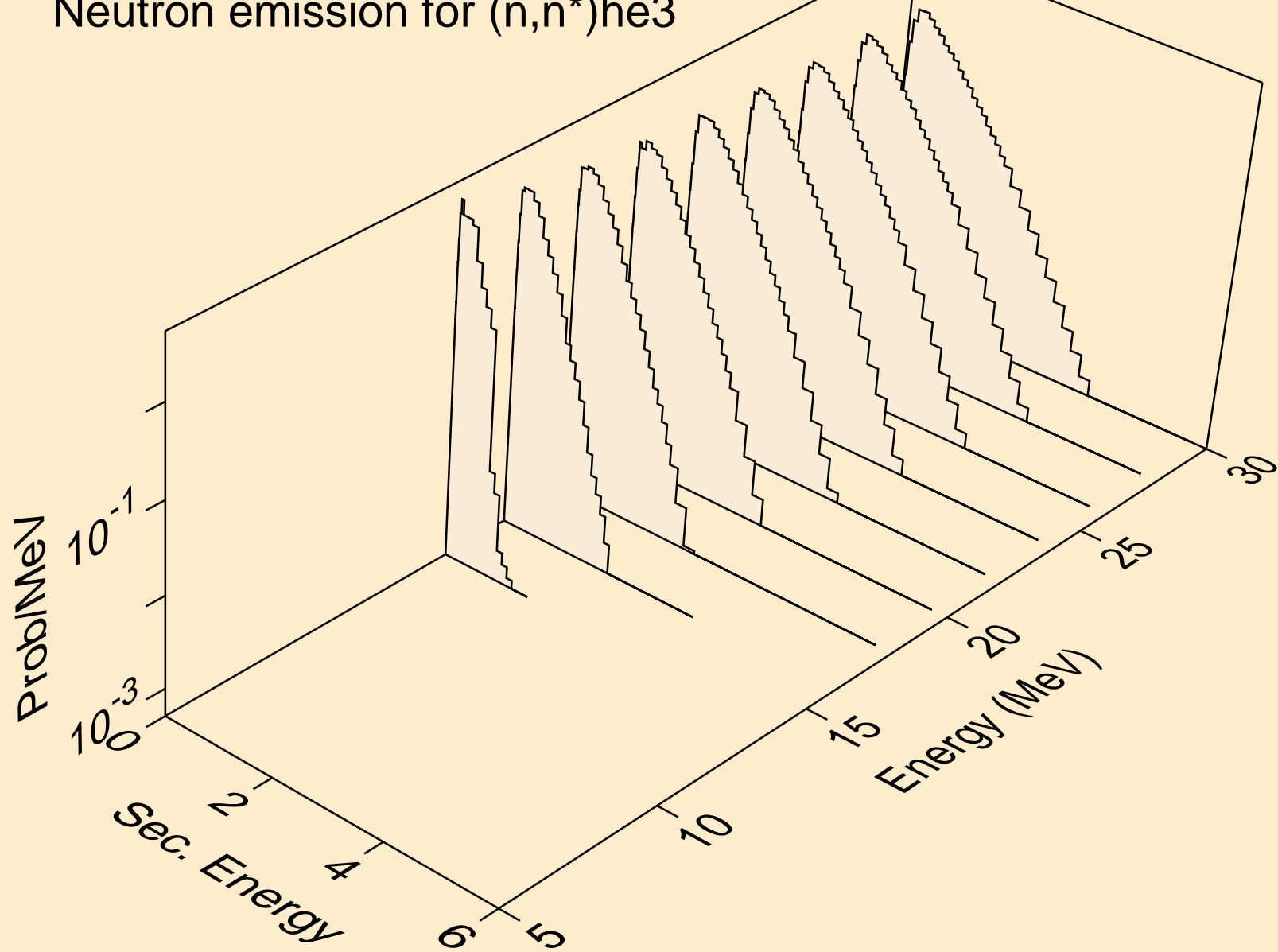
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



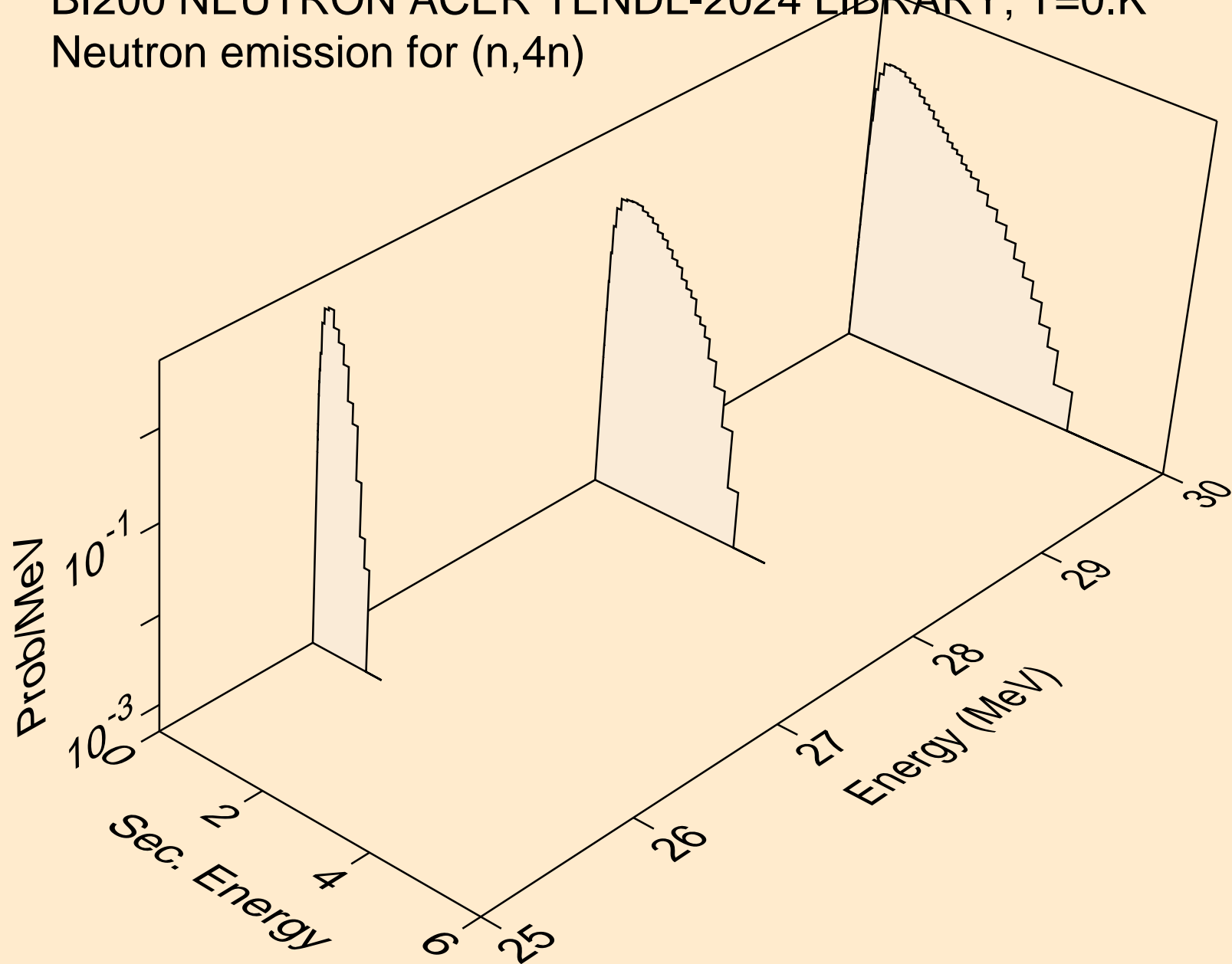
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



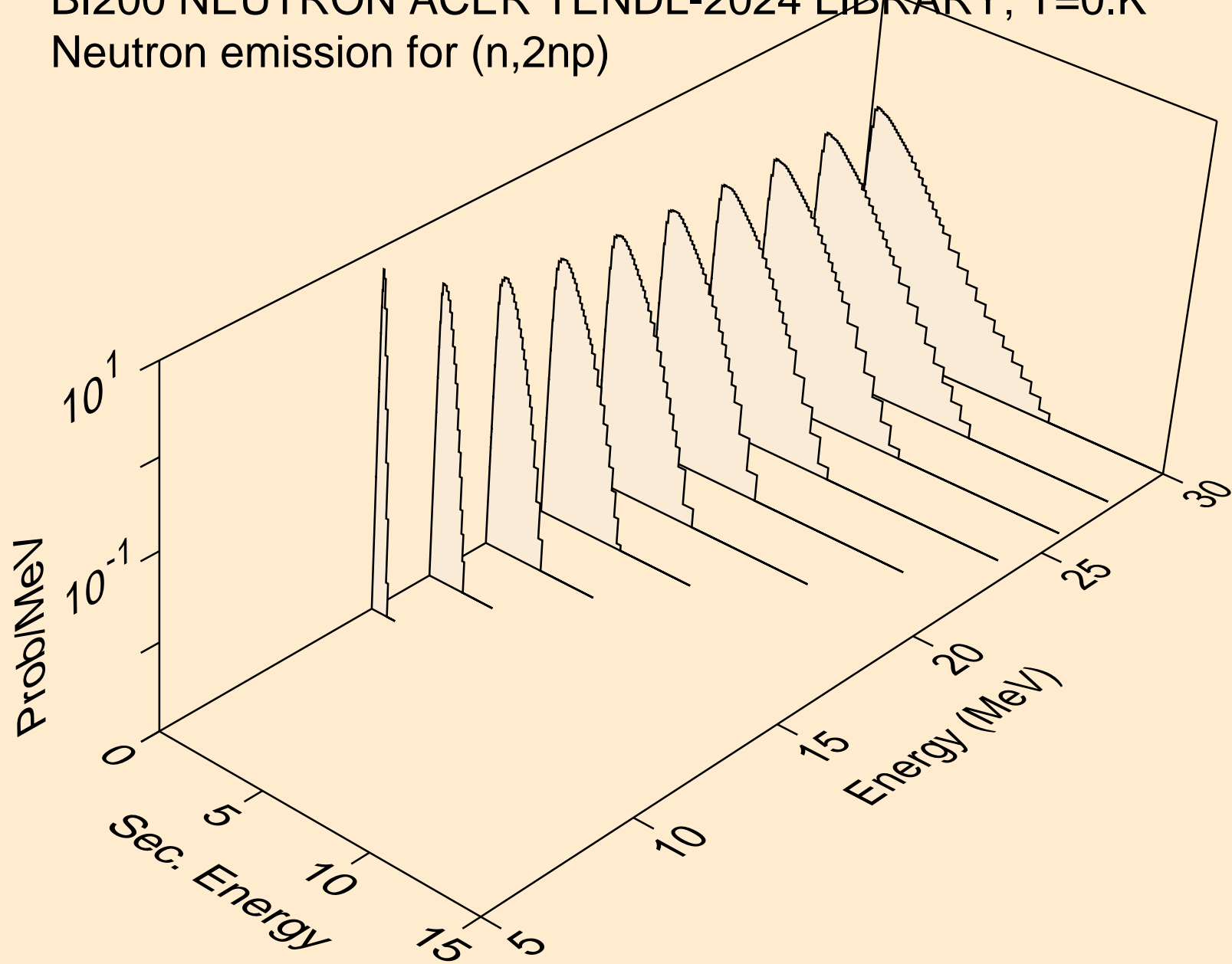
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



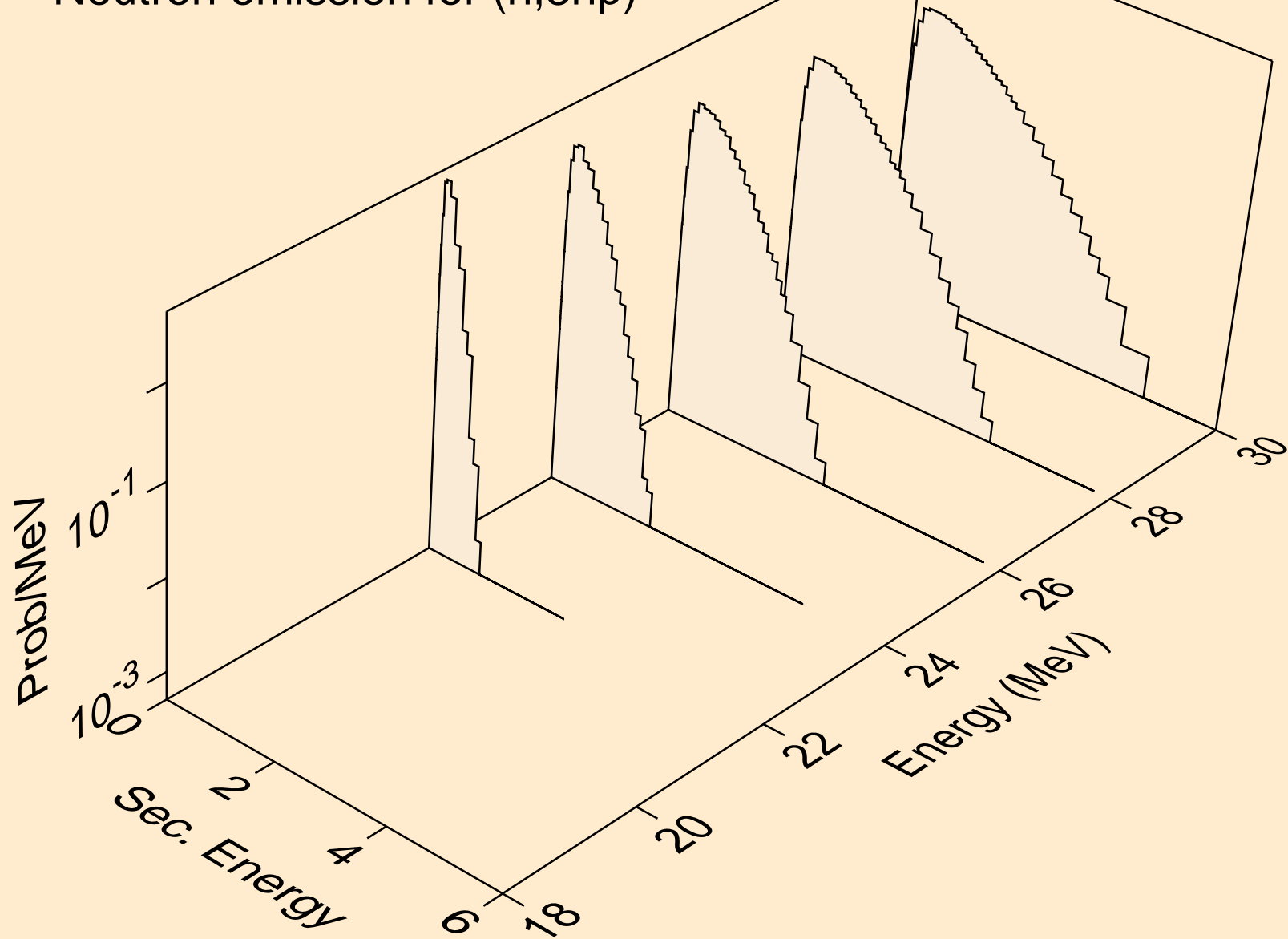
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



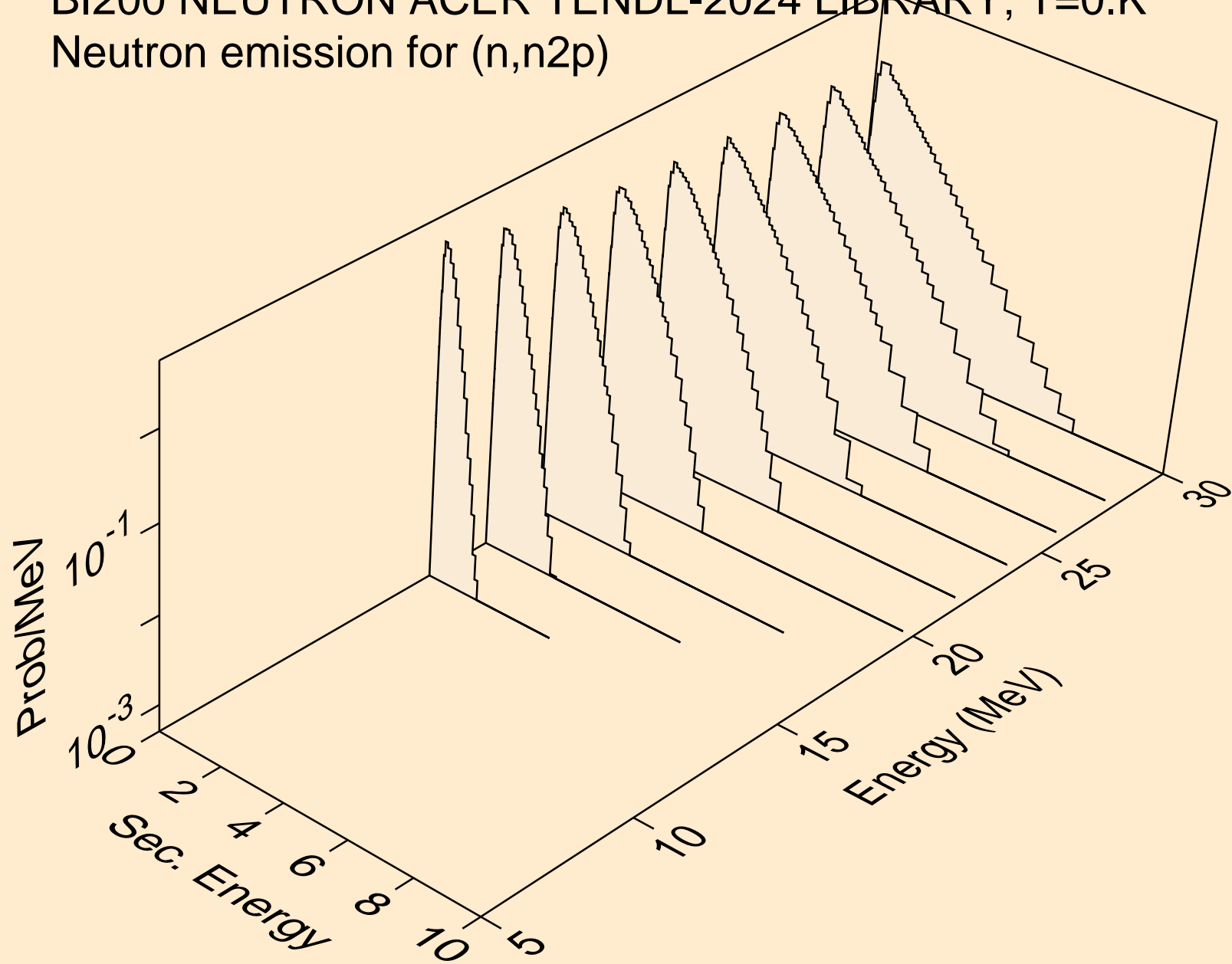
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



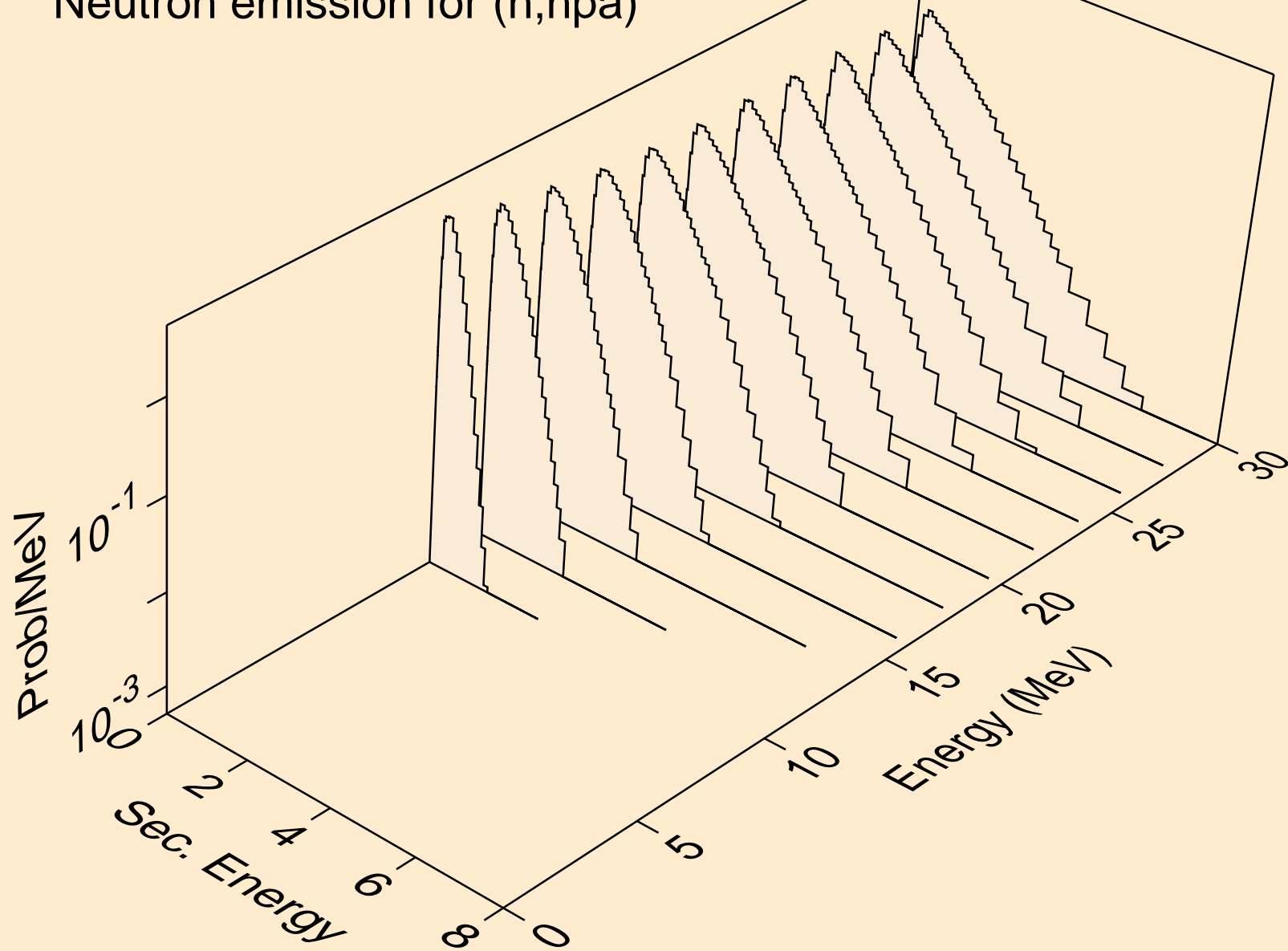
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

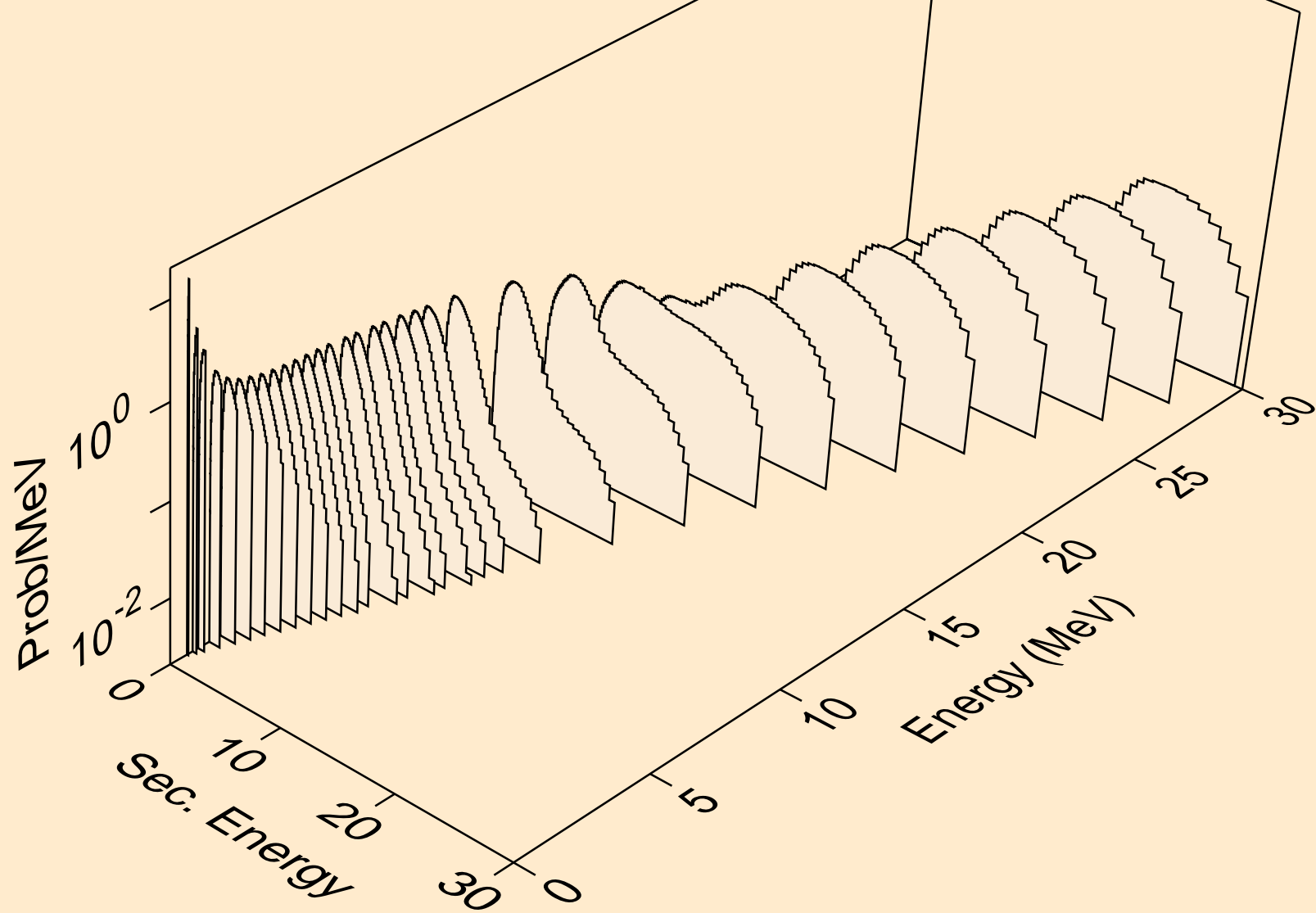


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Neutron emission for (n,npa)

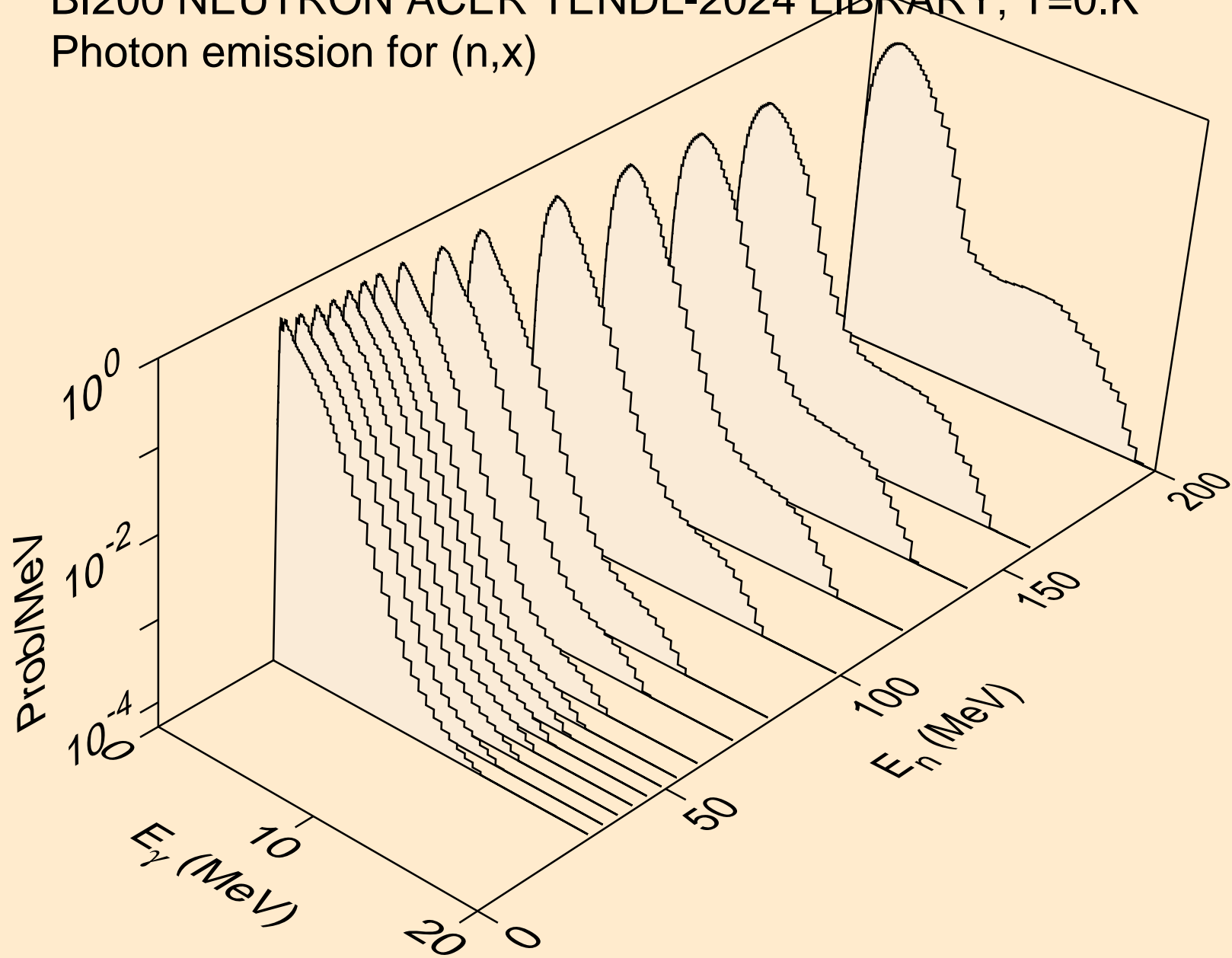




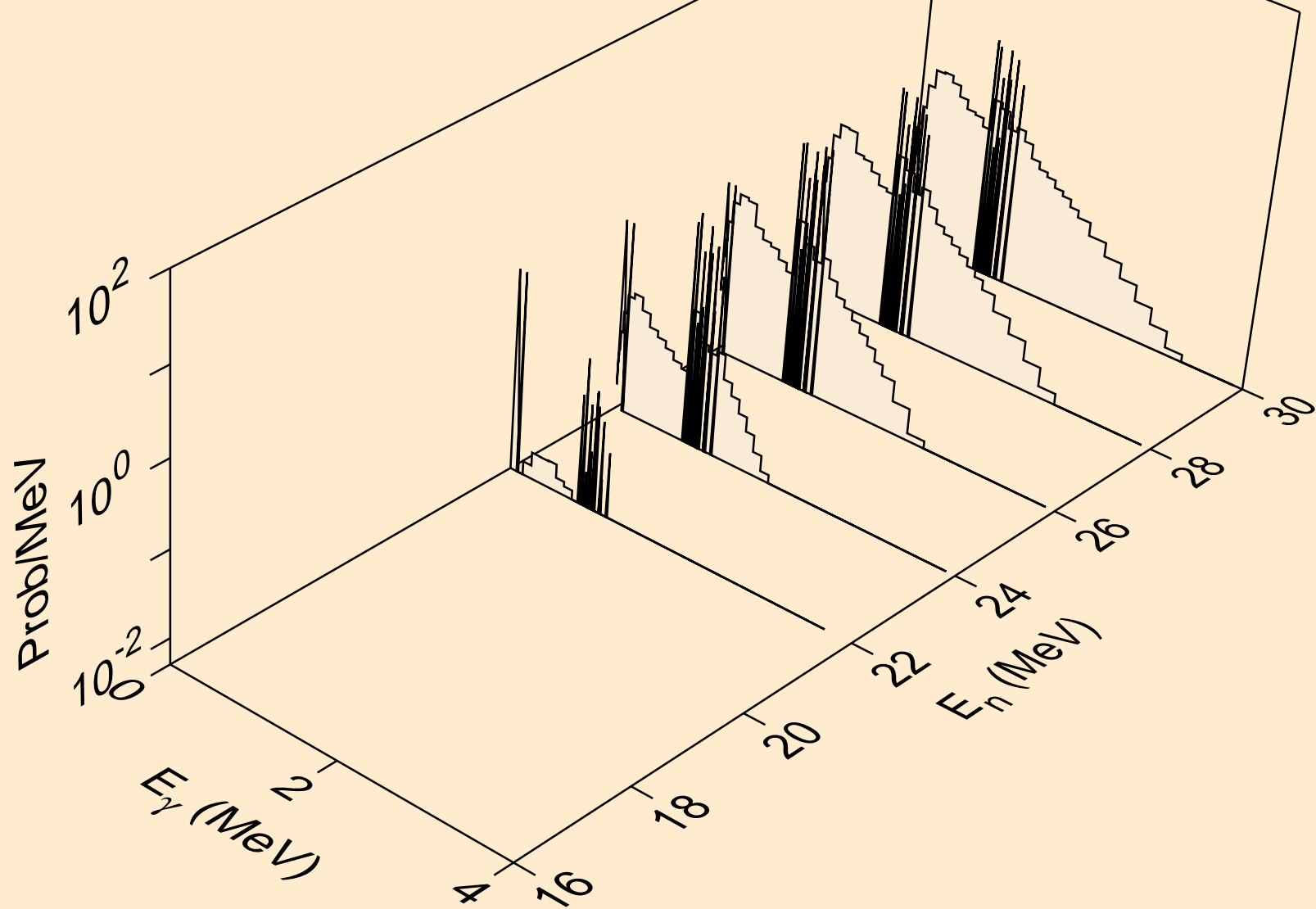
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



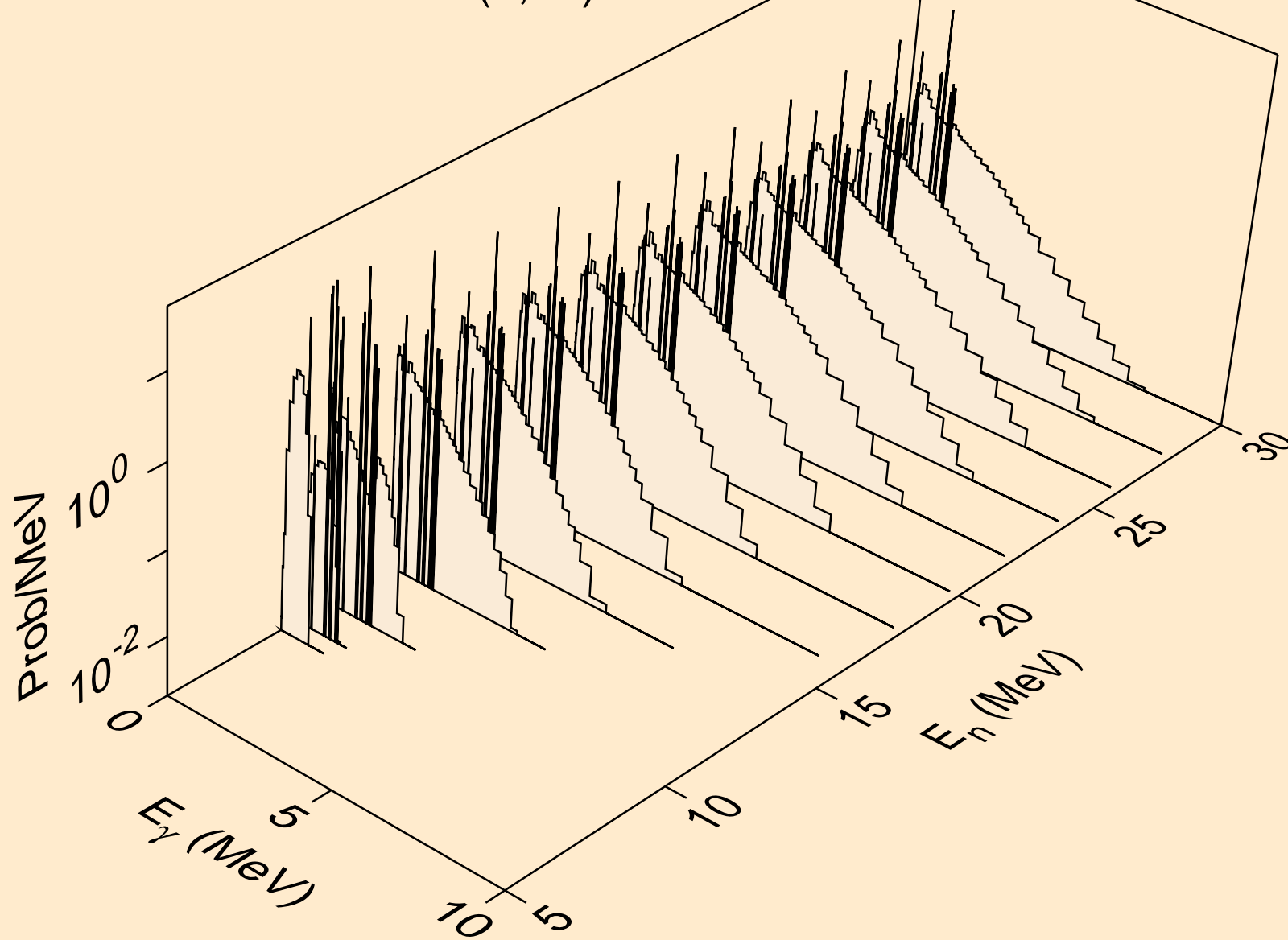
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



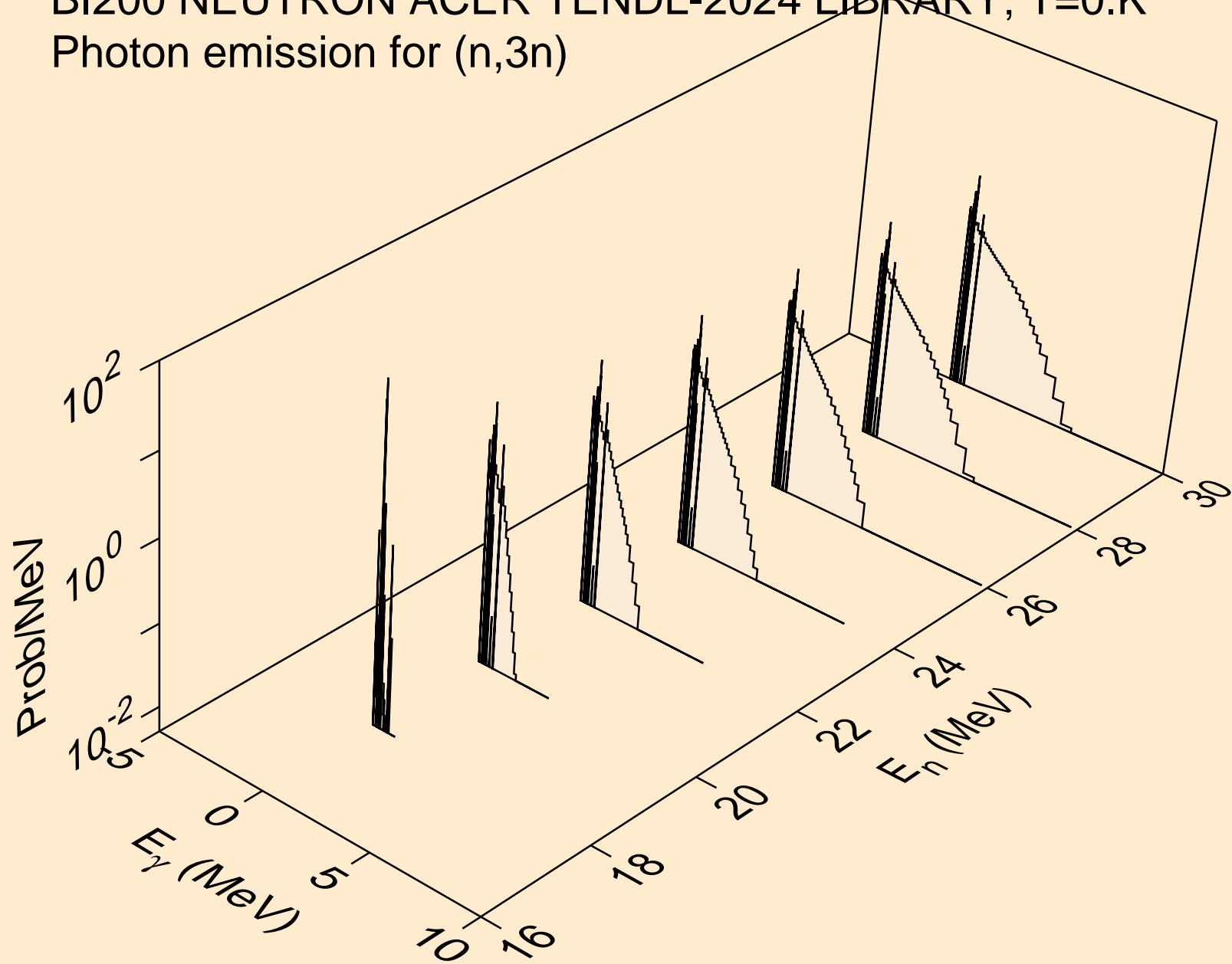
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Photon emission for (n,2nd)



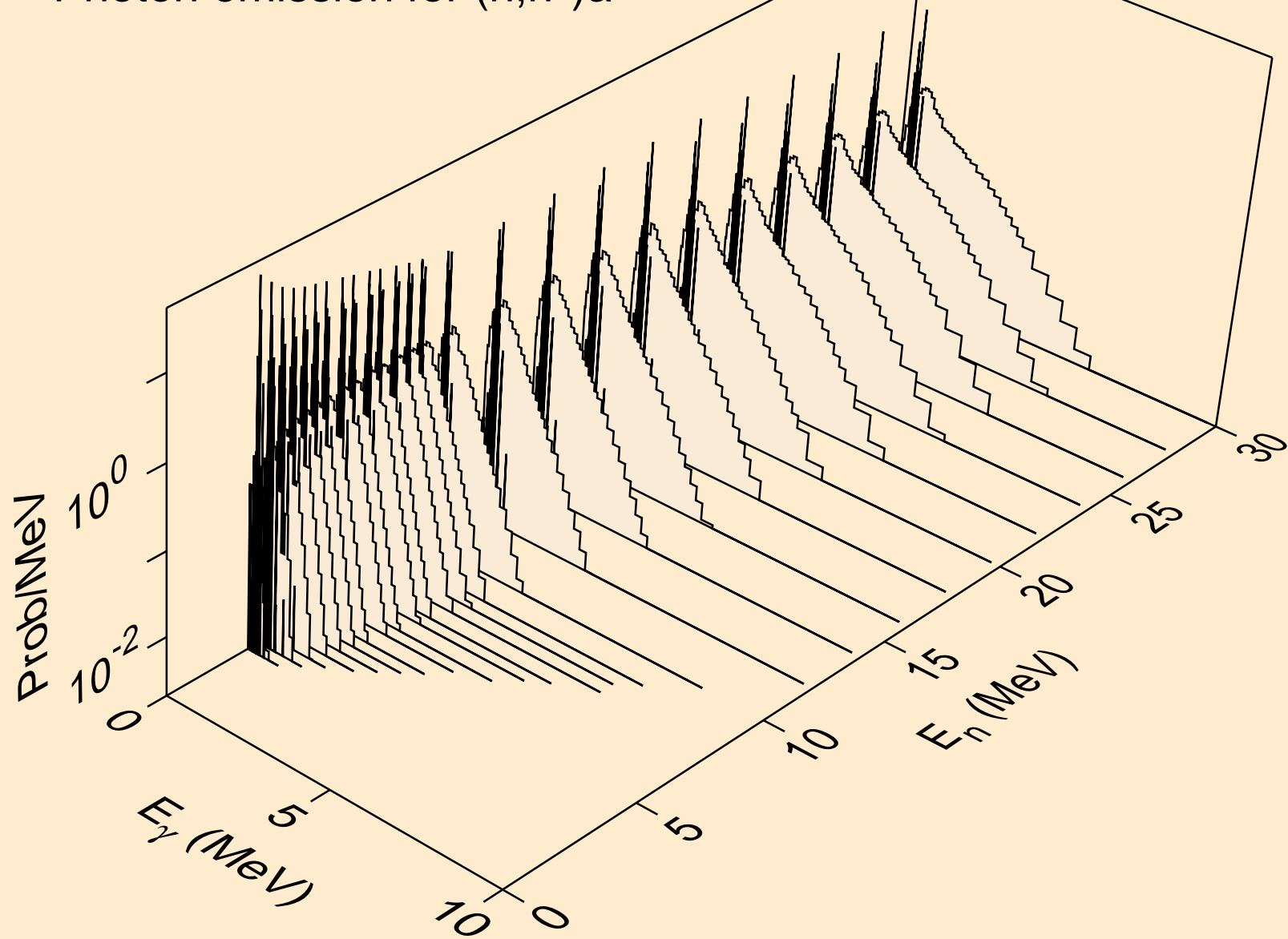
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Photon emission for (n,2n)



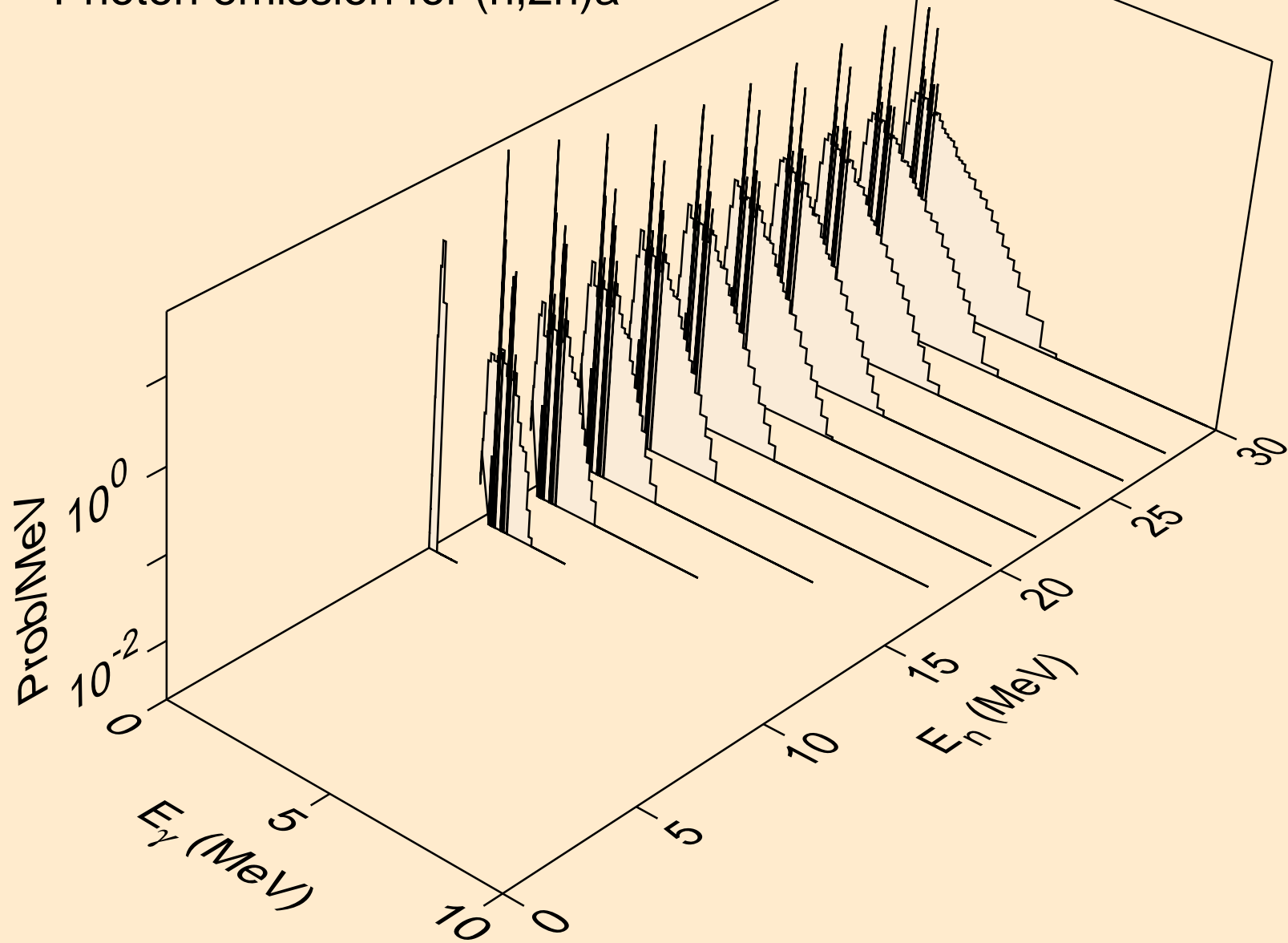
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Photon emission for (n,3n)



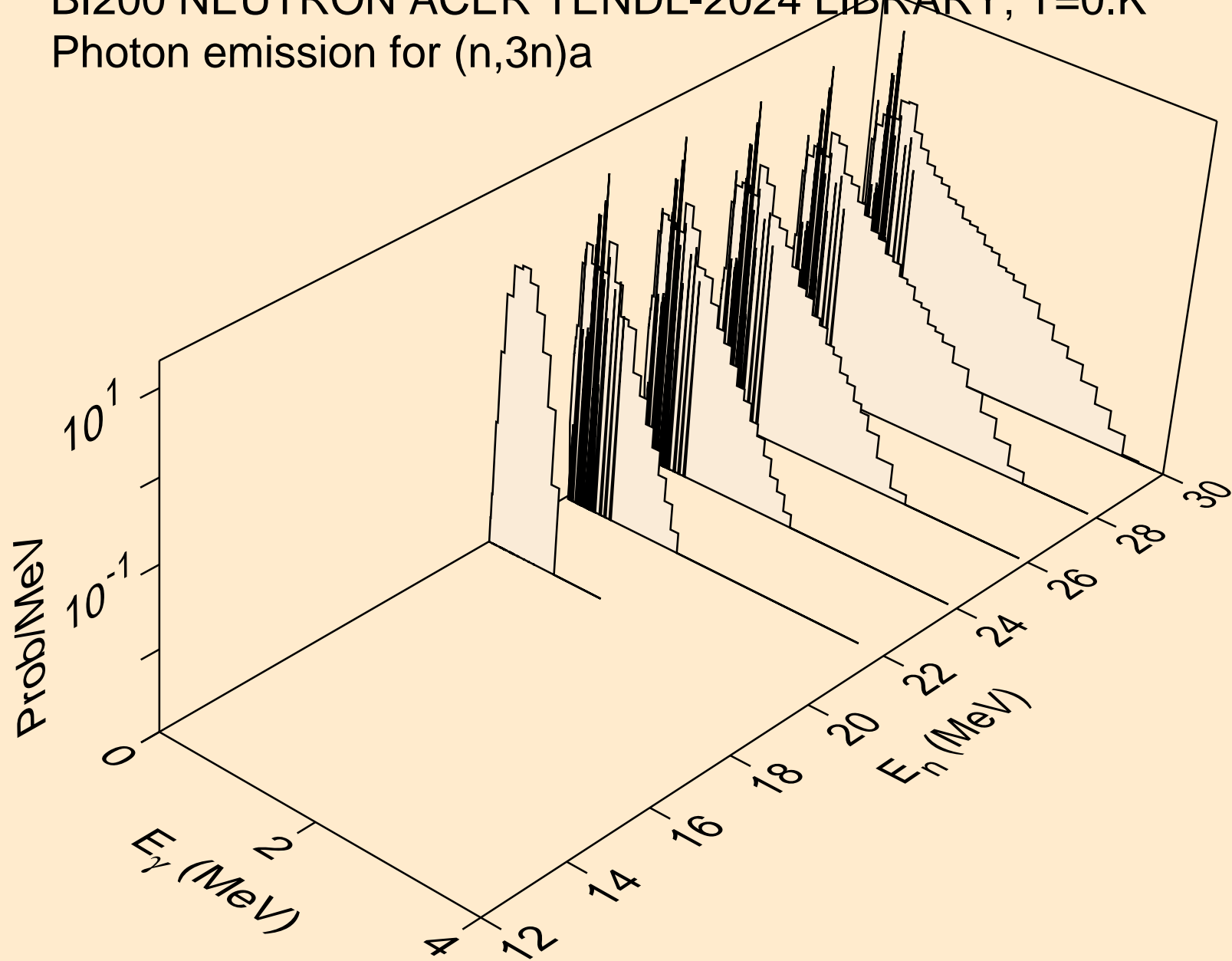
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

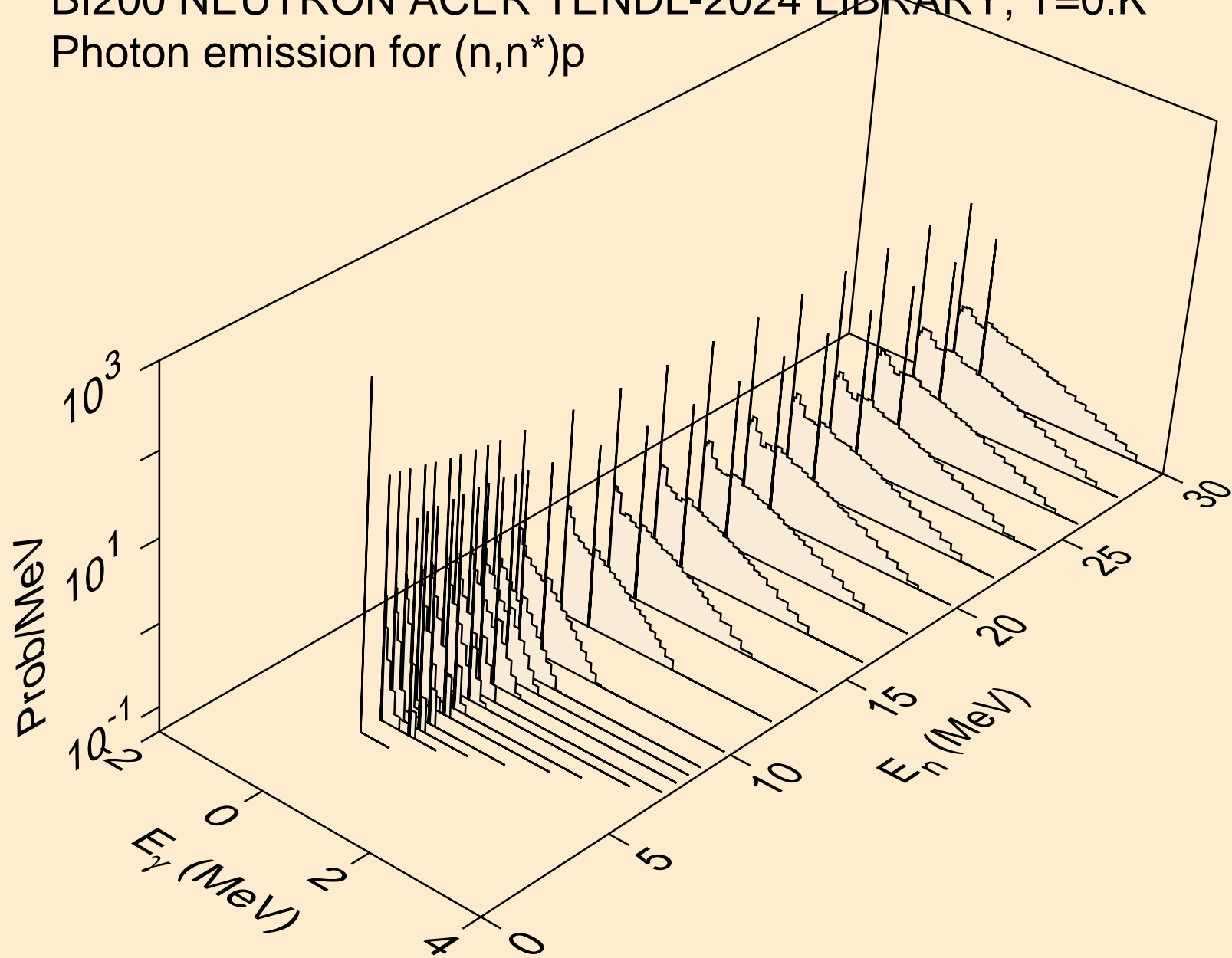


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Photon emission for (n,3n)a

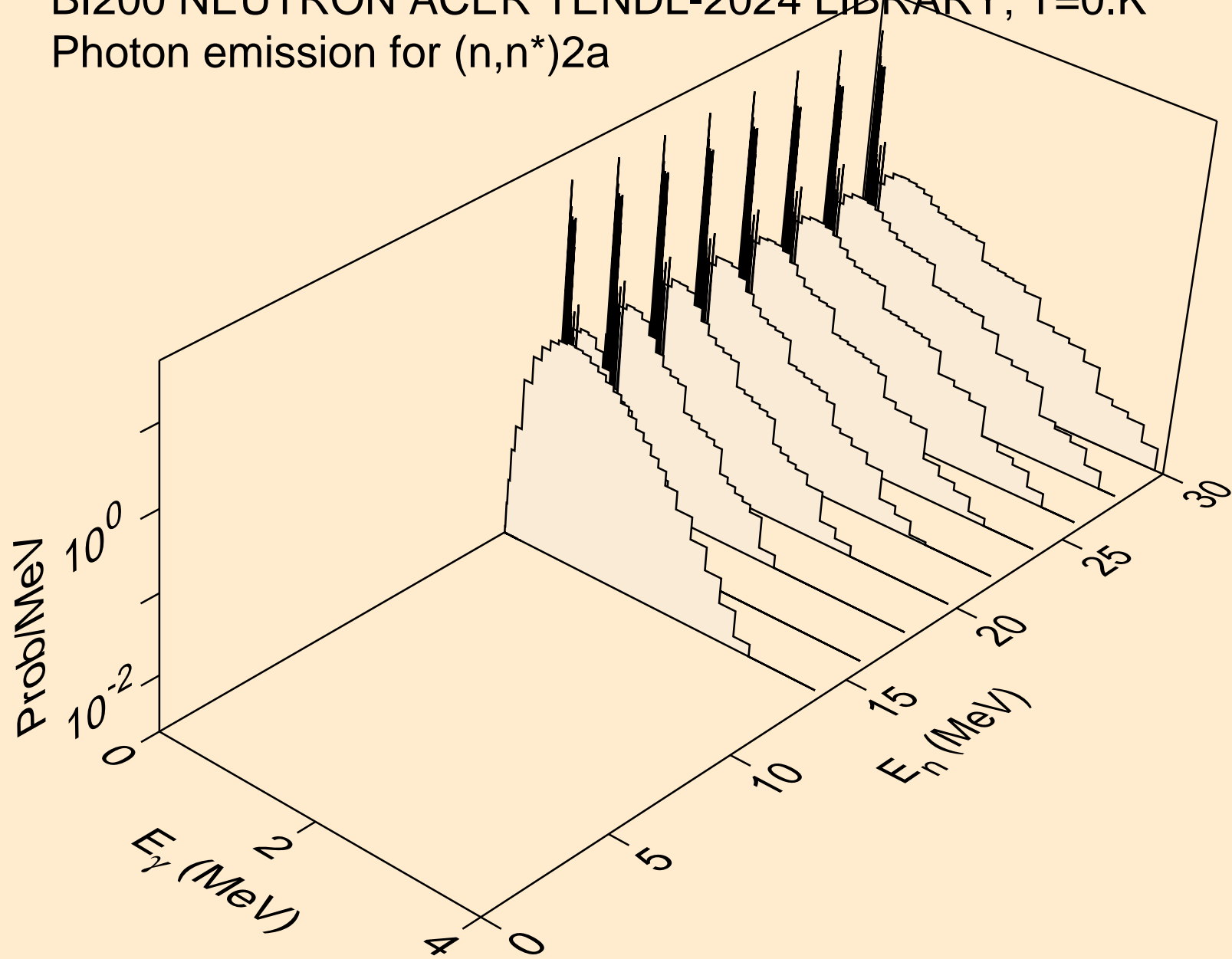




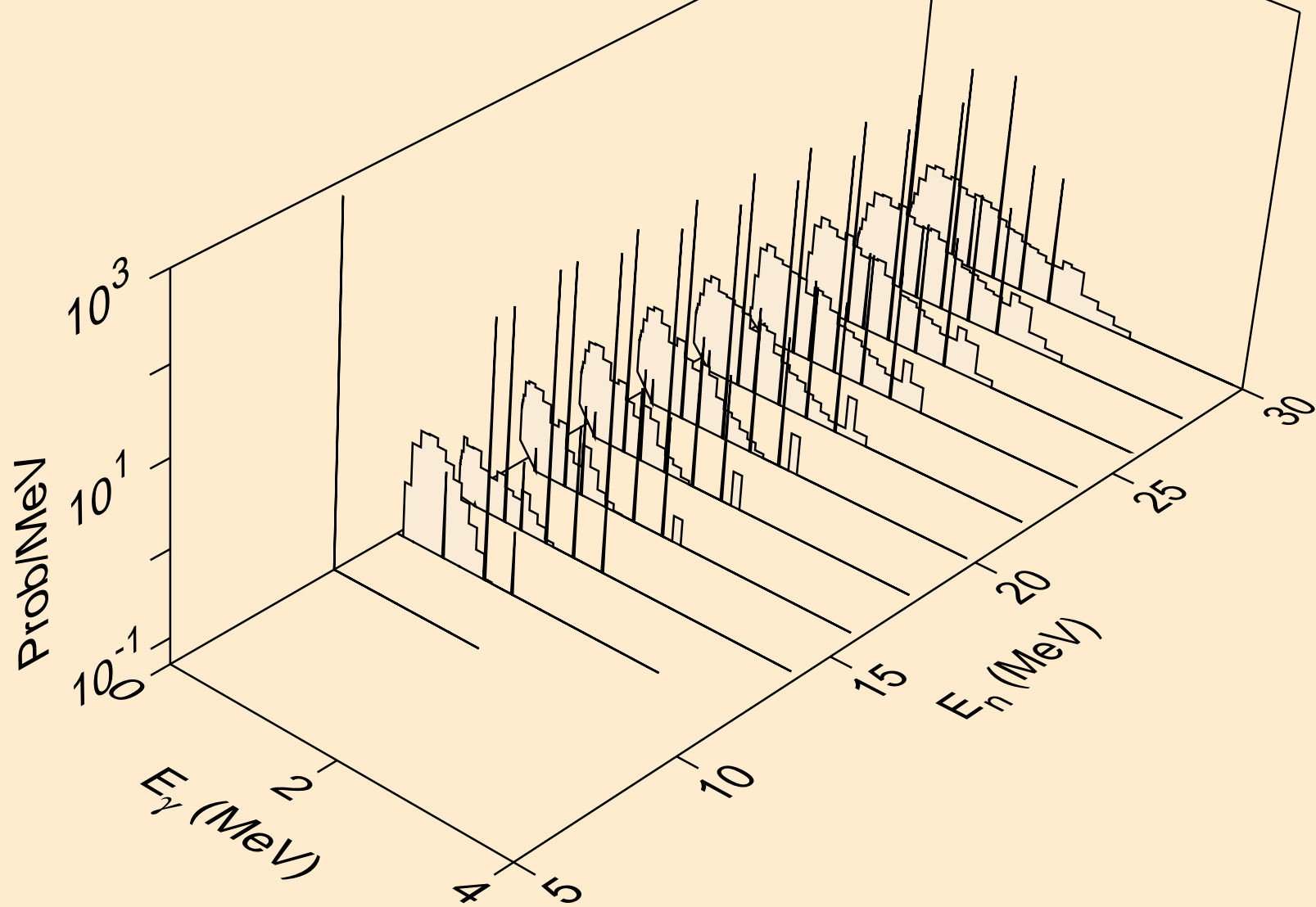
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



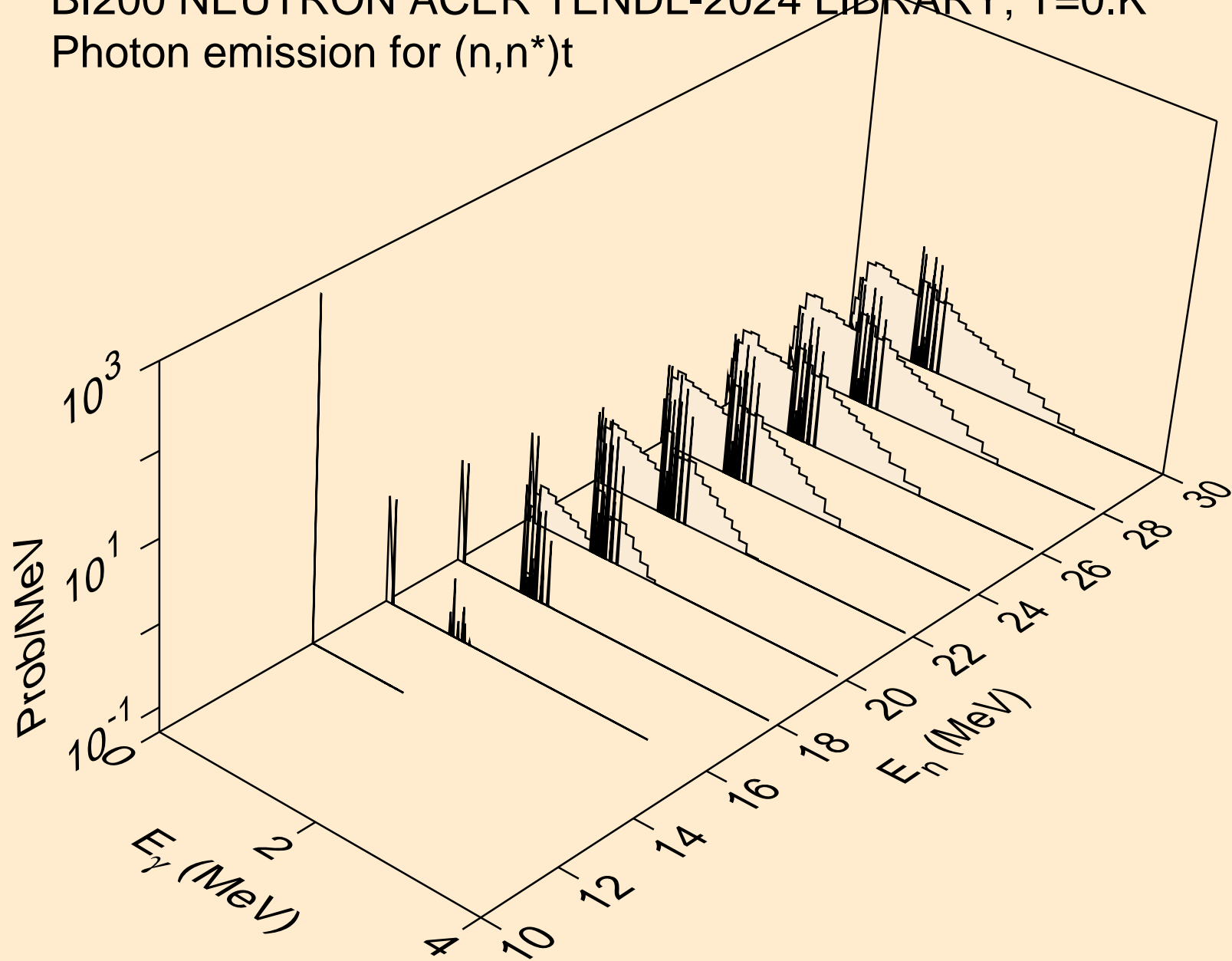
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



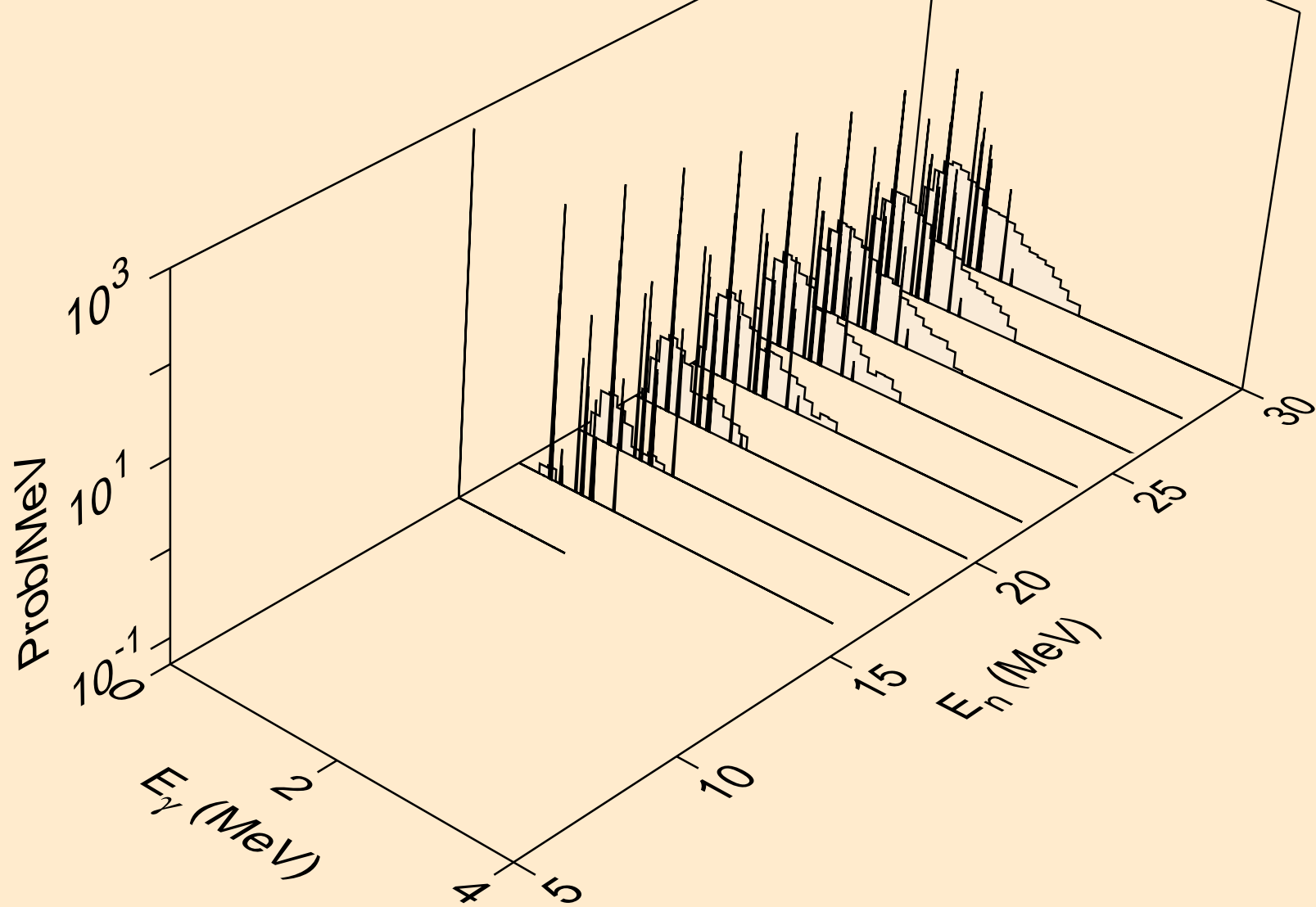
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



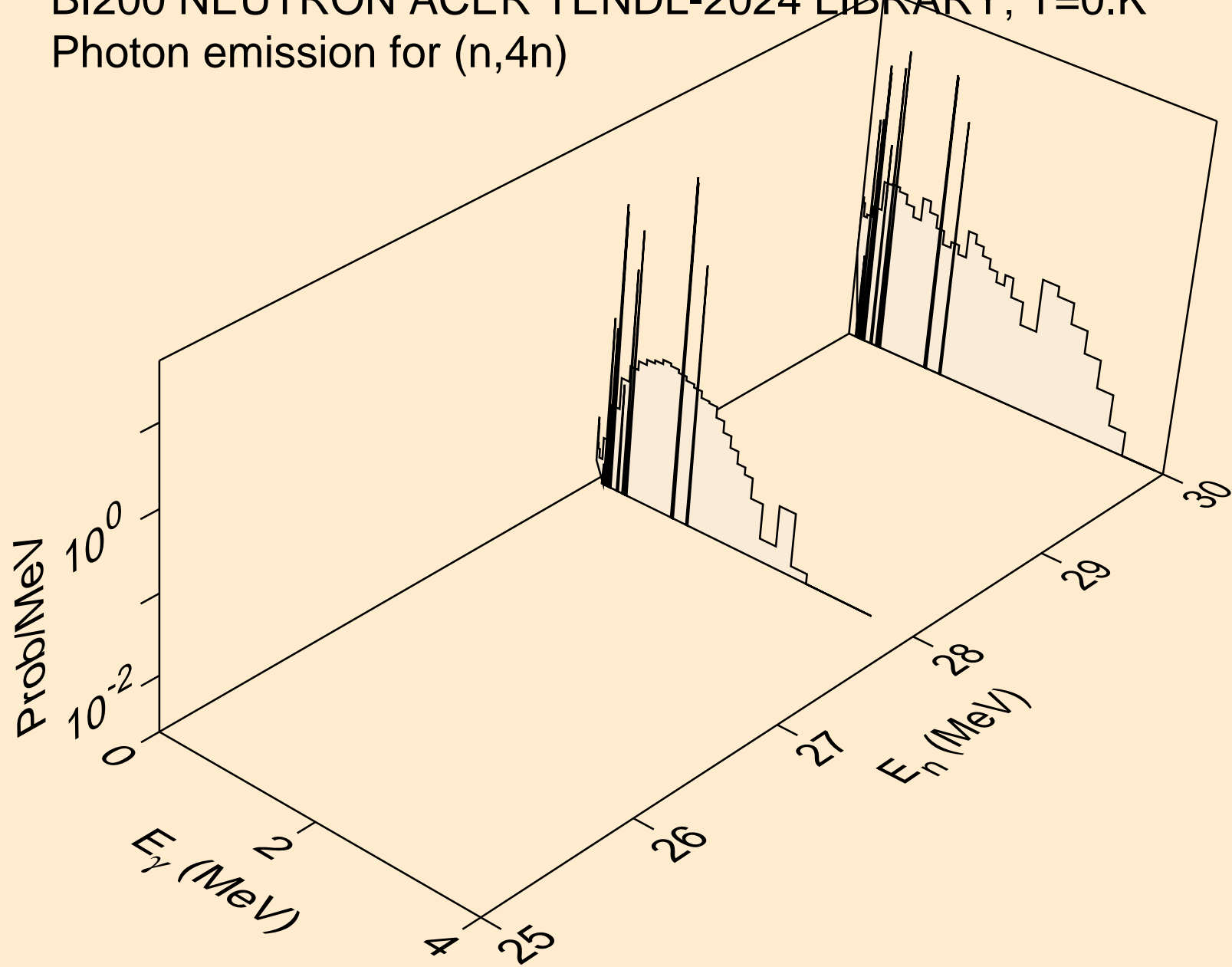
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



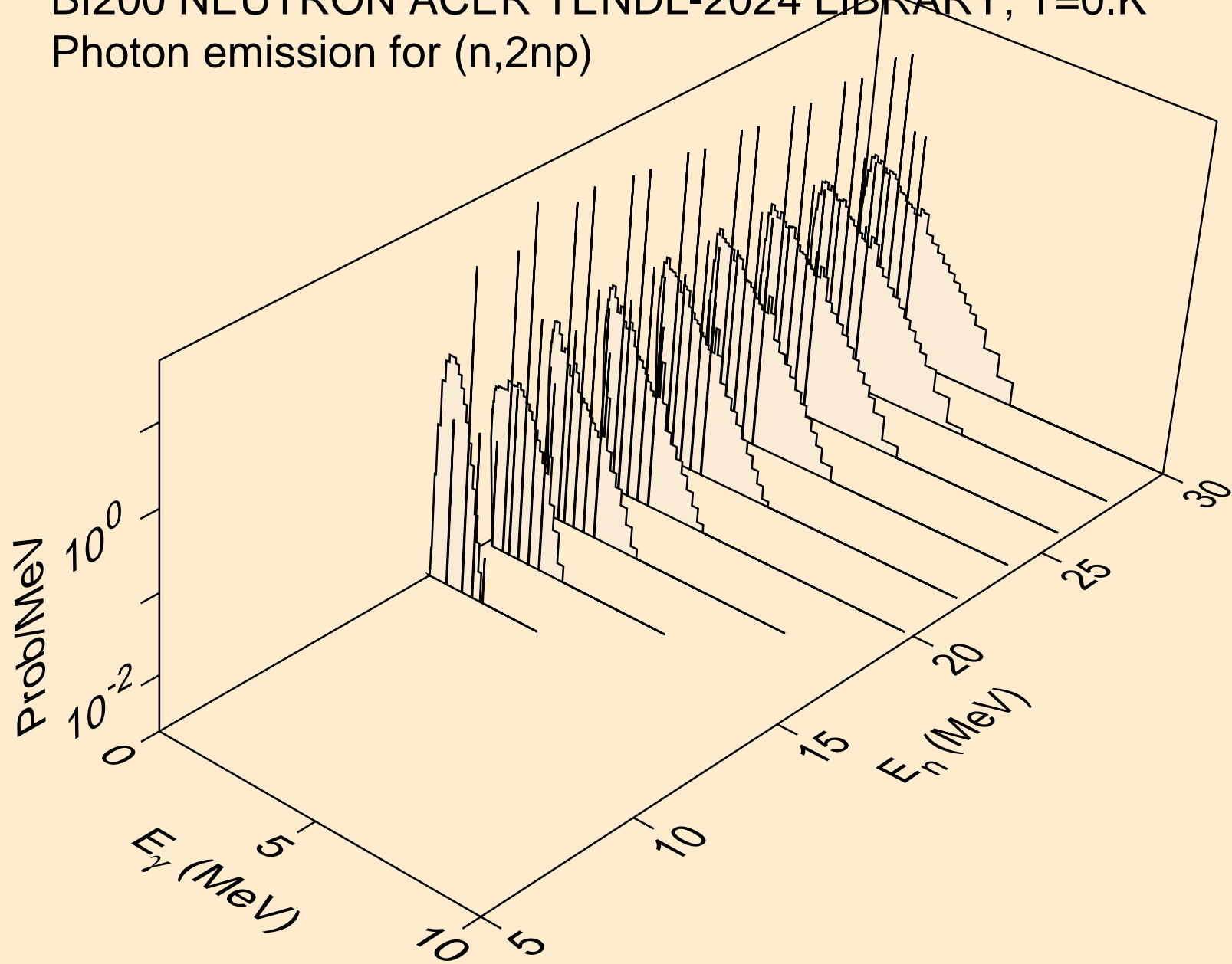
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Photon emission for (n,n\*)he3



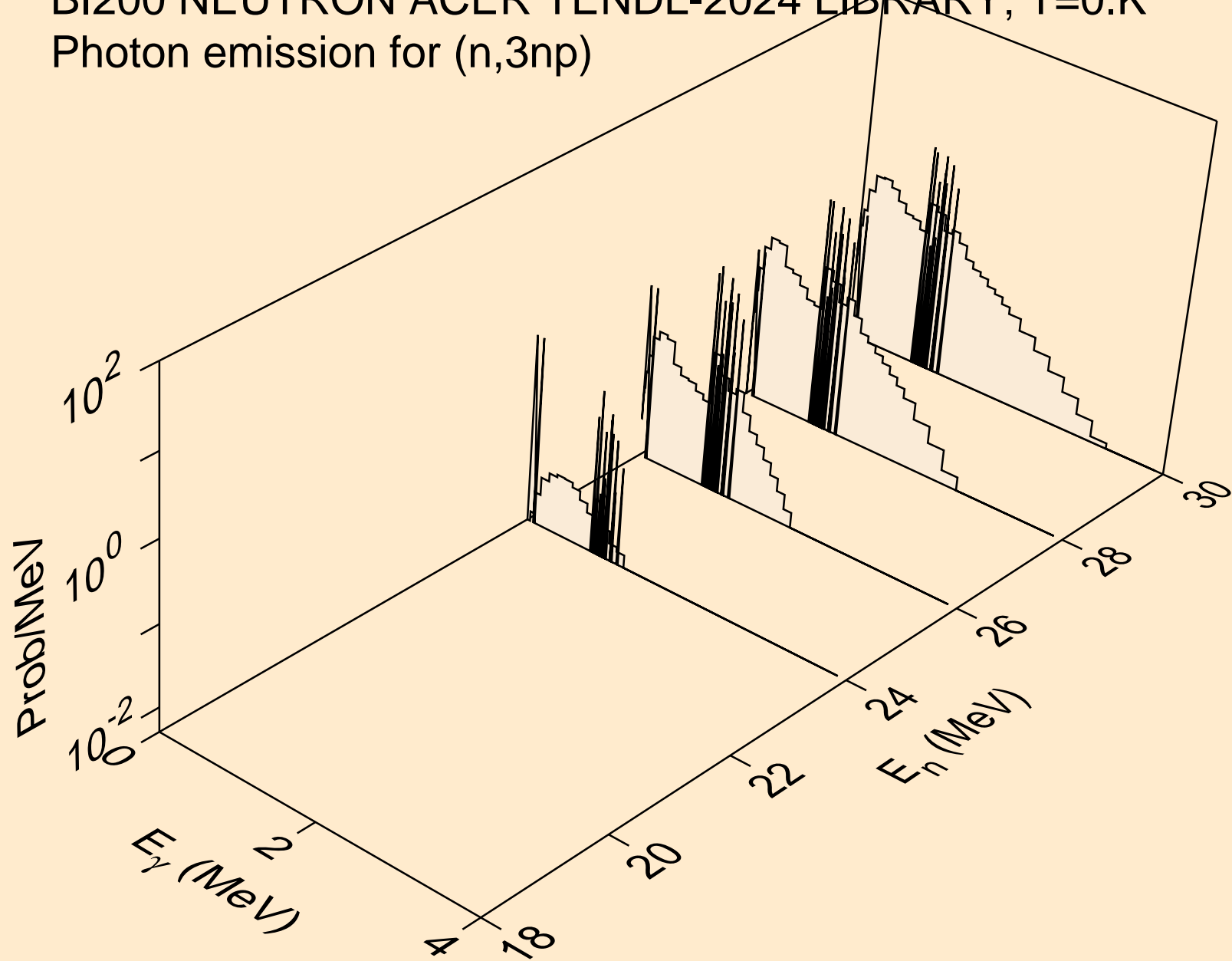
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

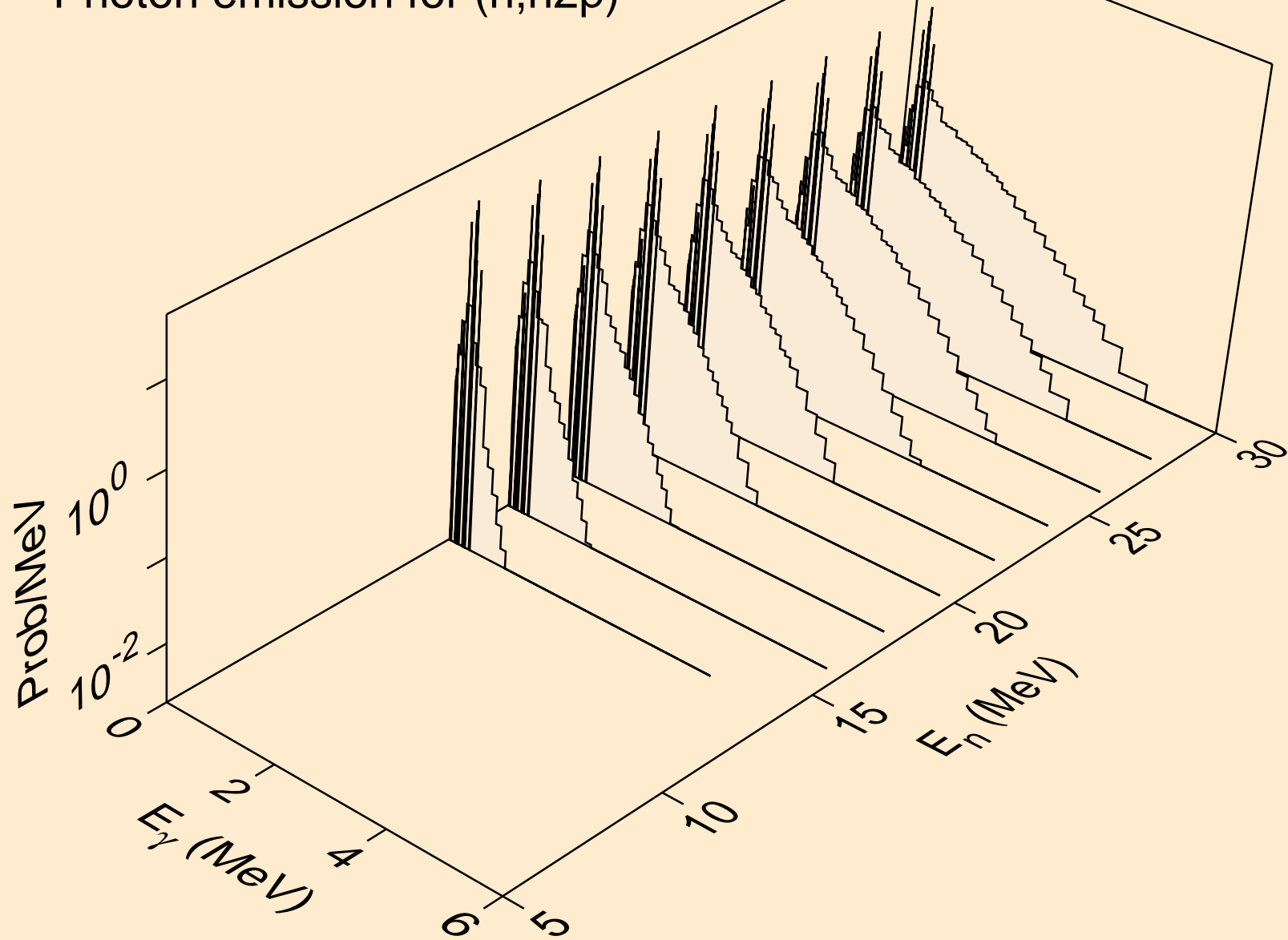


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Photon emission for (n,3np)

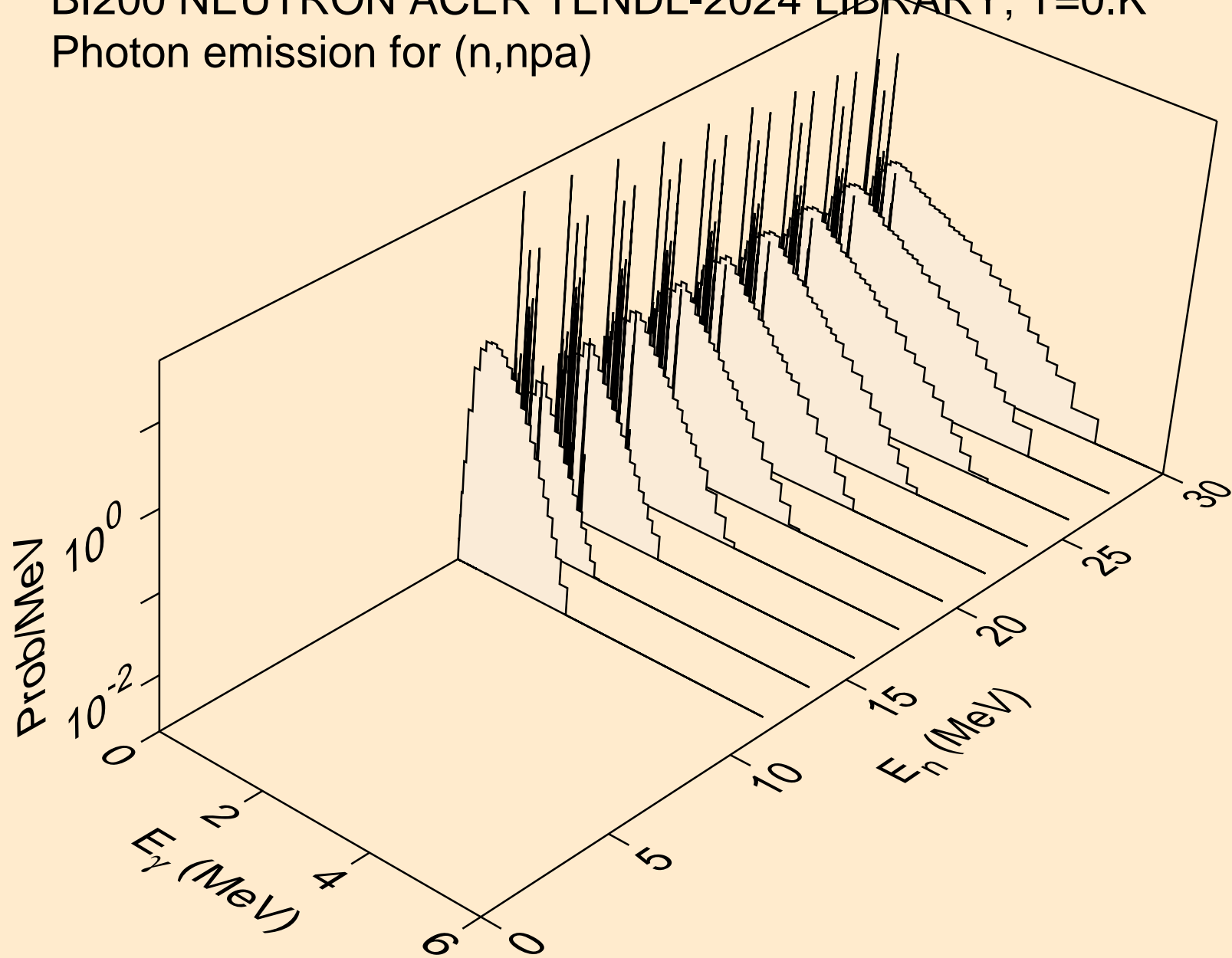




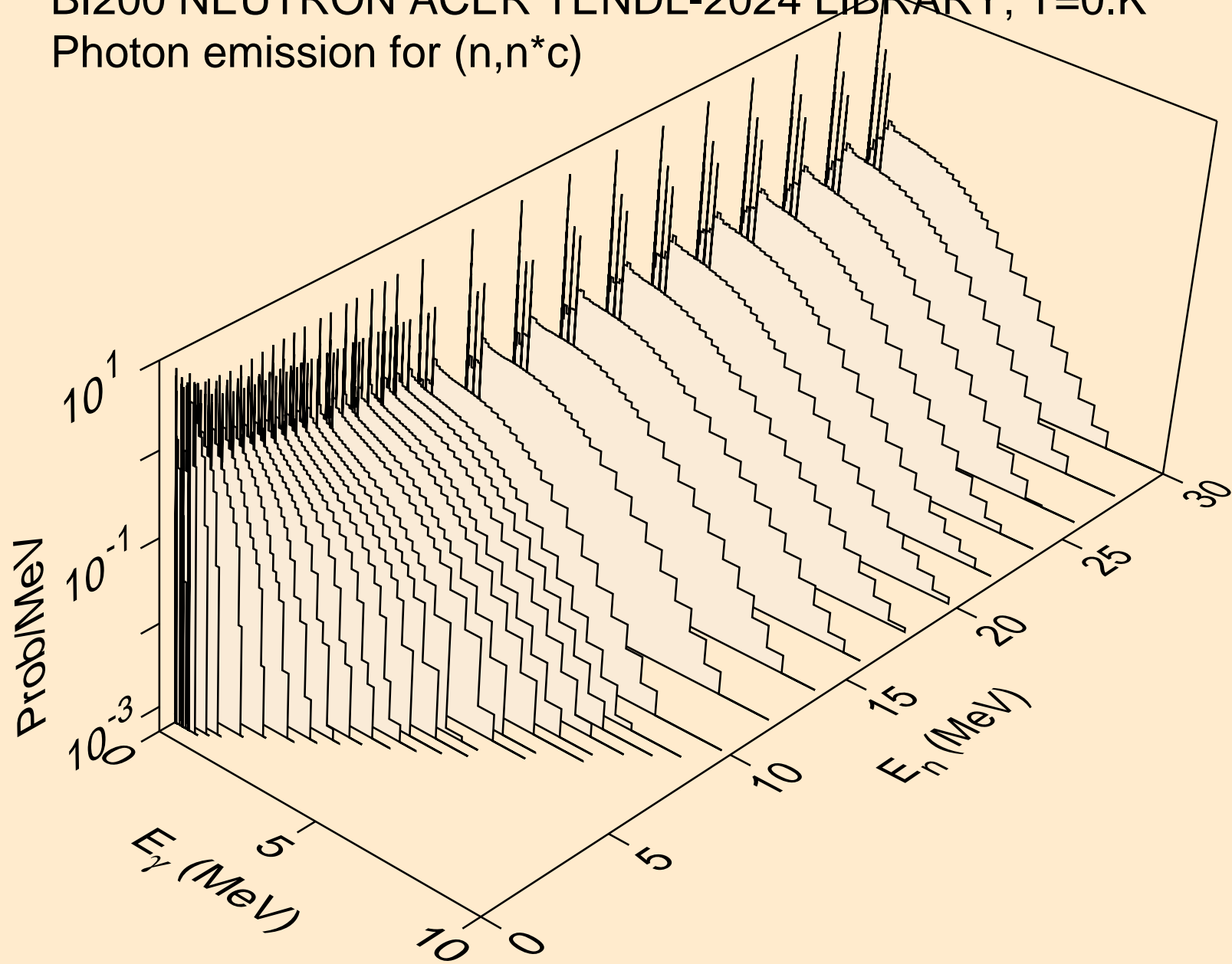
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Photon emission for (n,n2p)



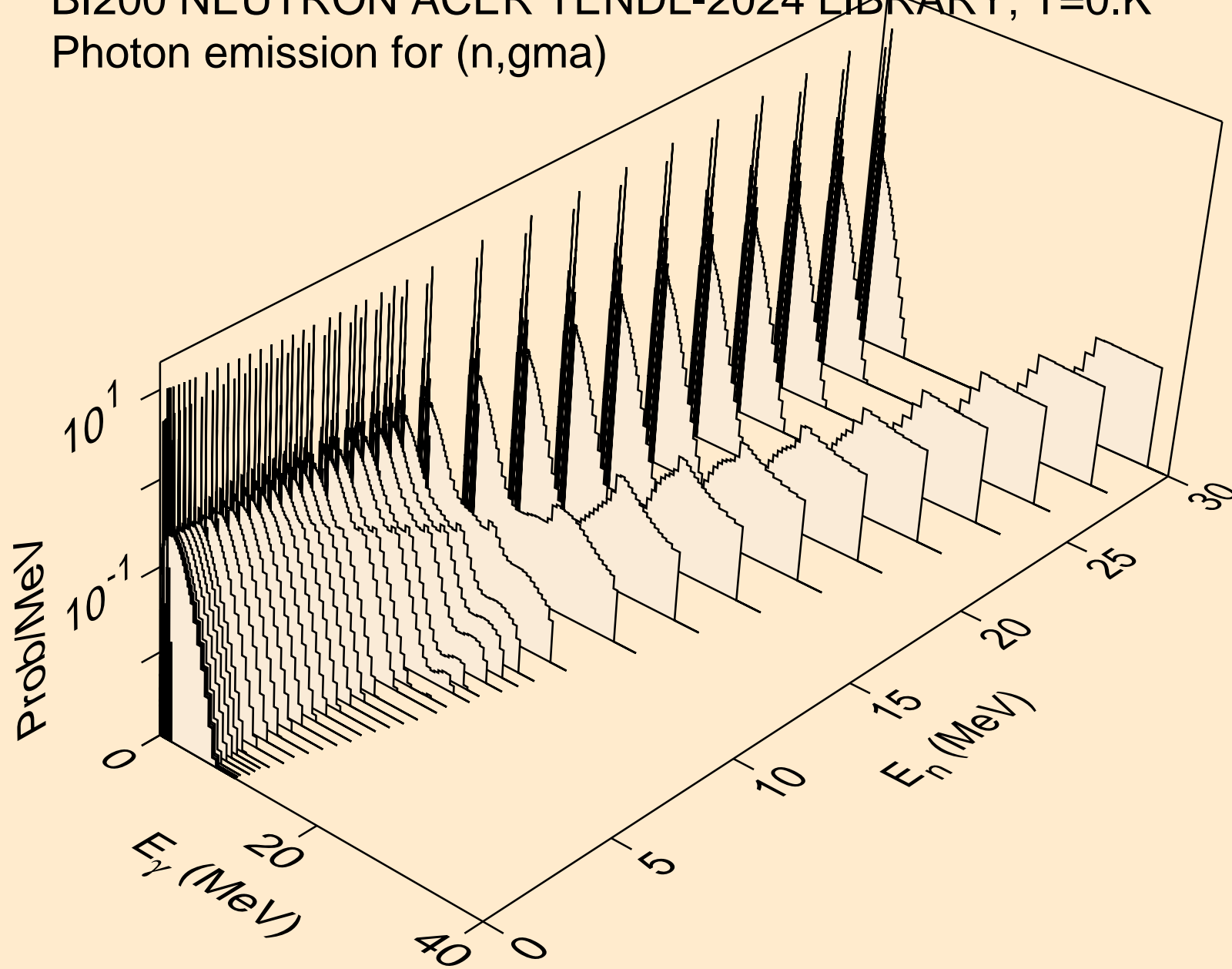
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Photon emission for (n,npa)



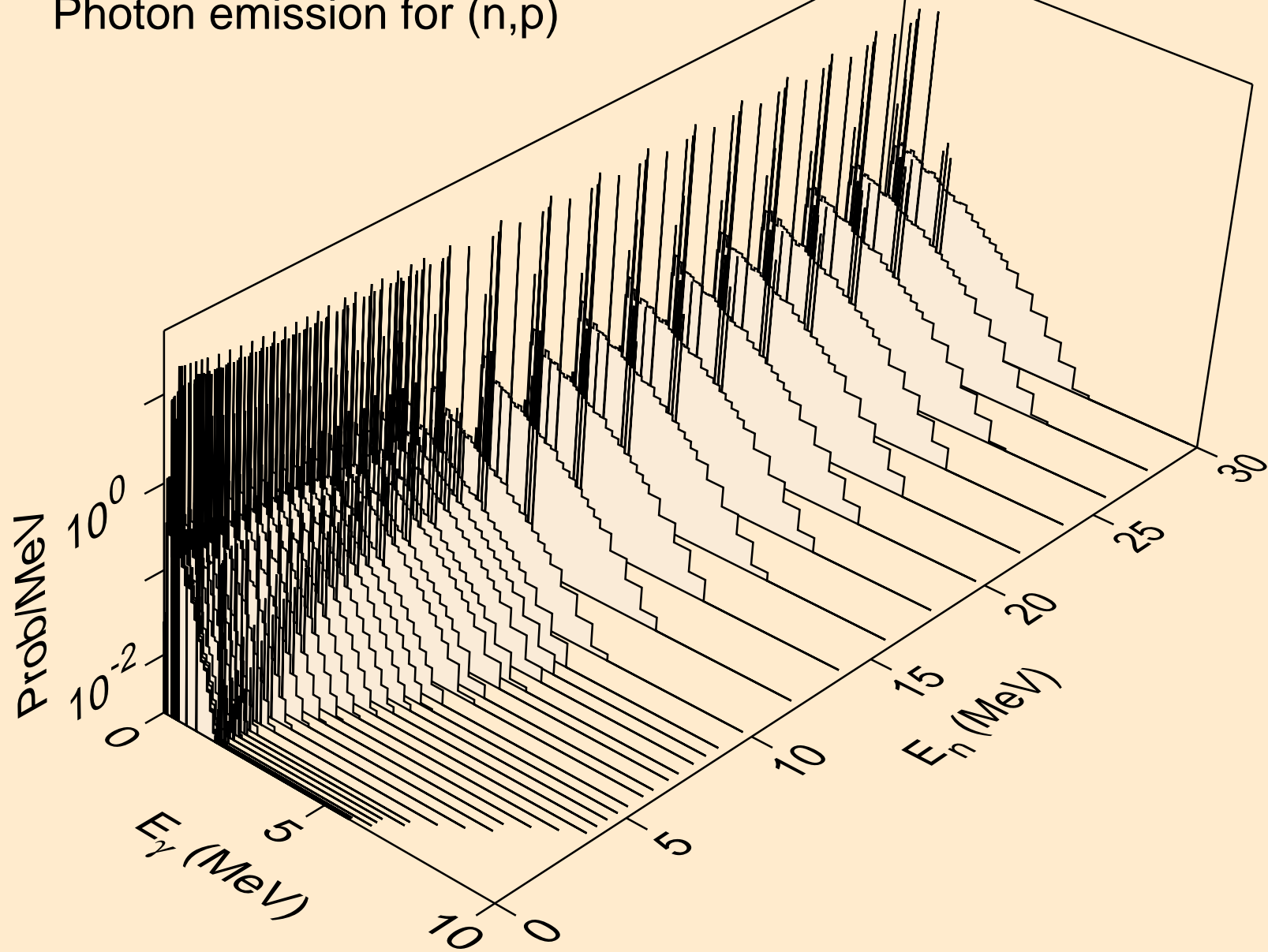
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Photon emission for (n,n\*c)



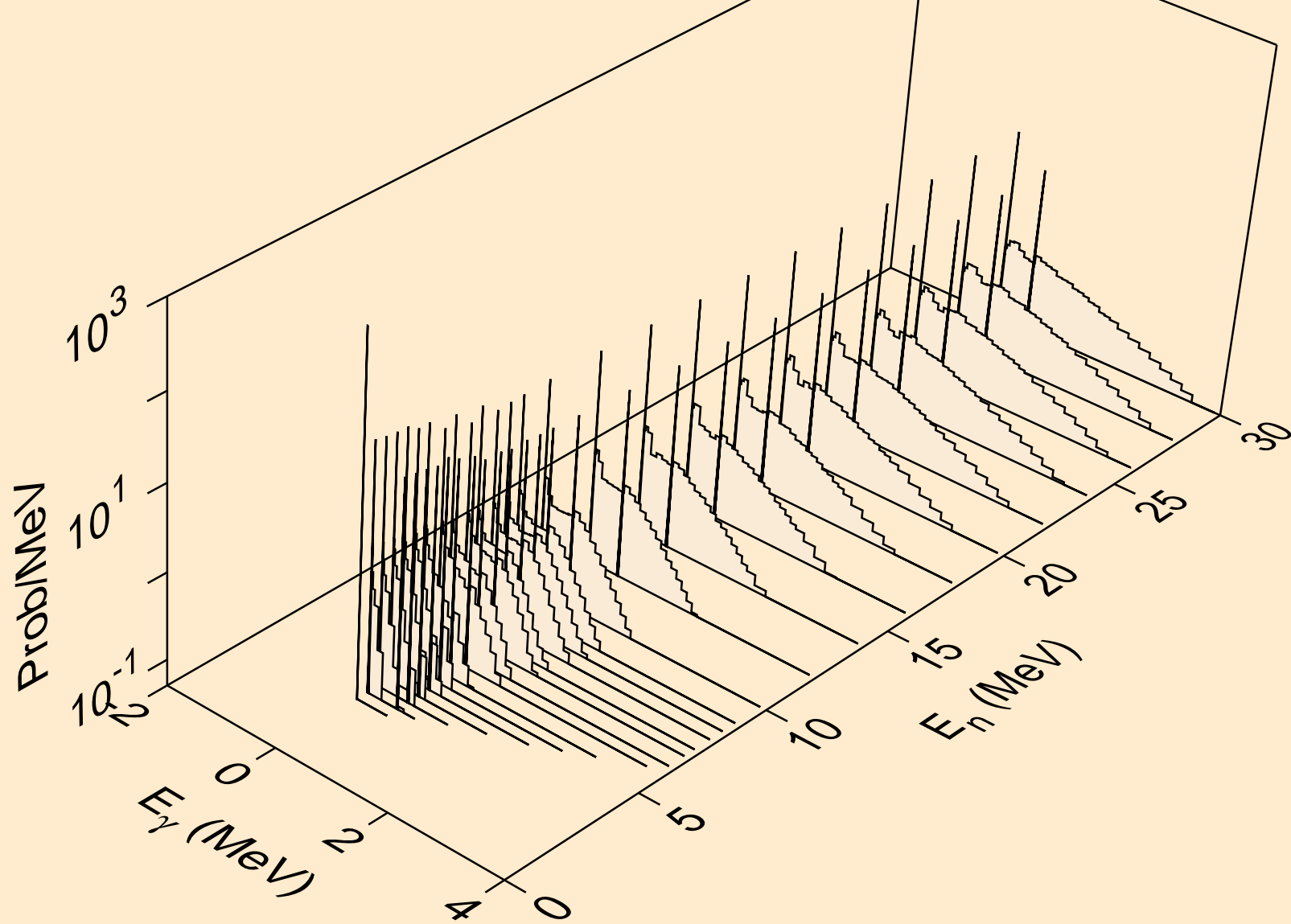
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Photon emission for (n,gma)



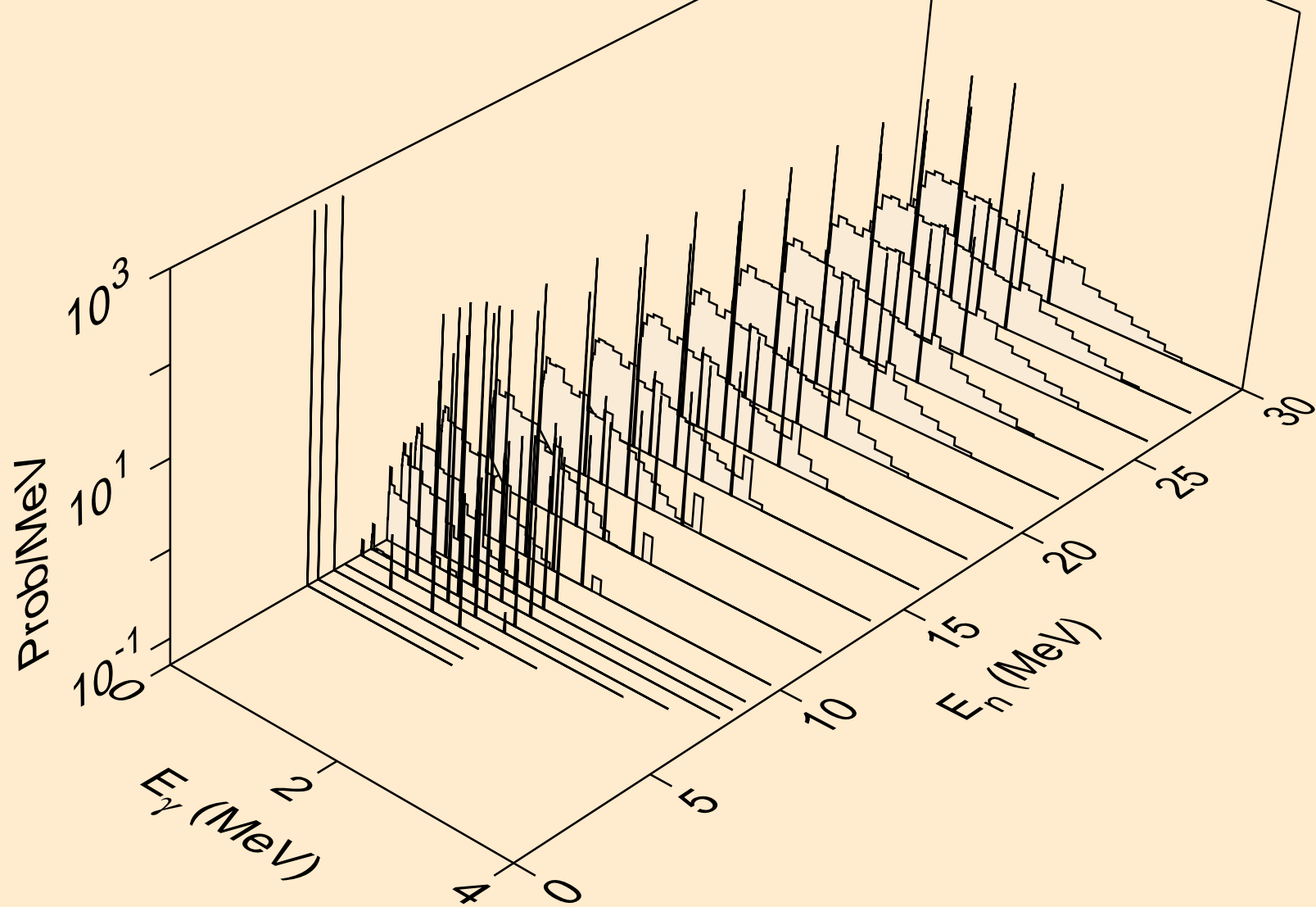
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Photon emission for (n,p)



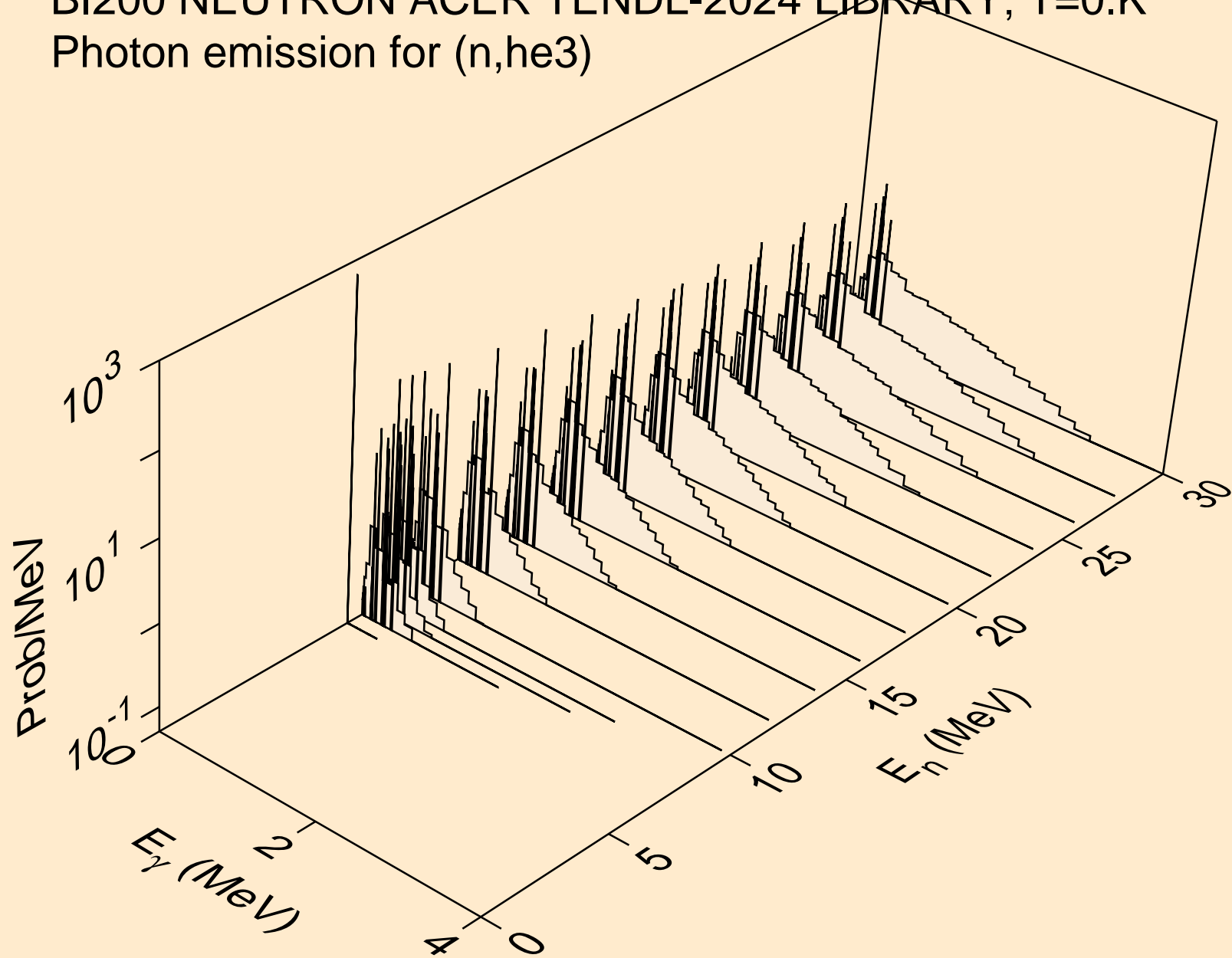
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

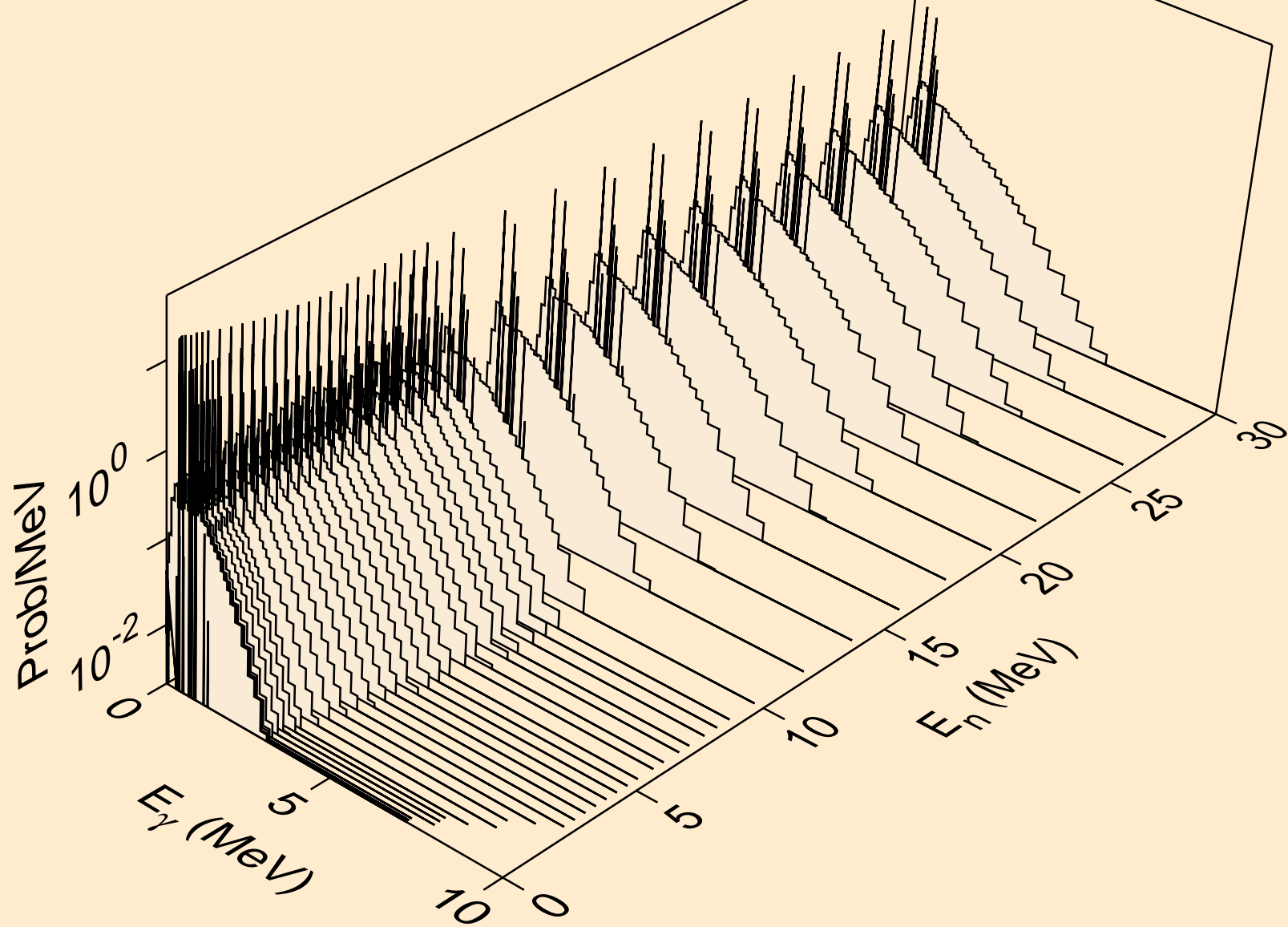


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Photon emission for (n,he3)

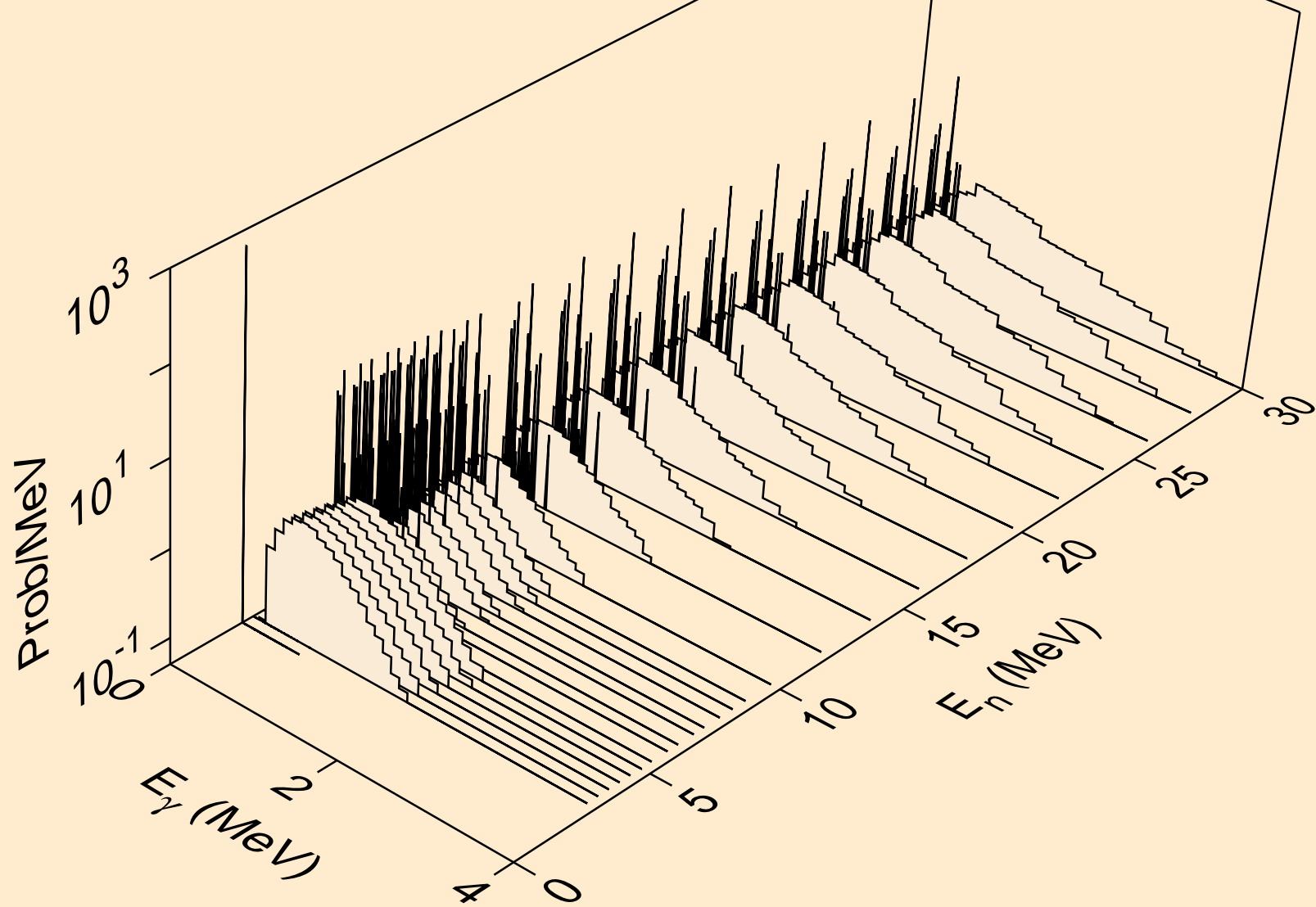




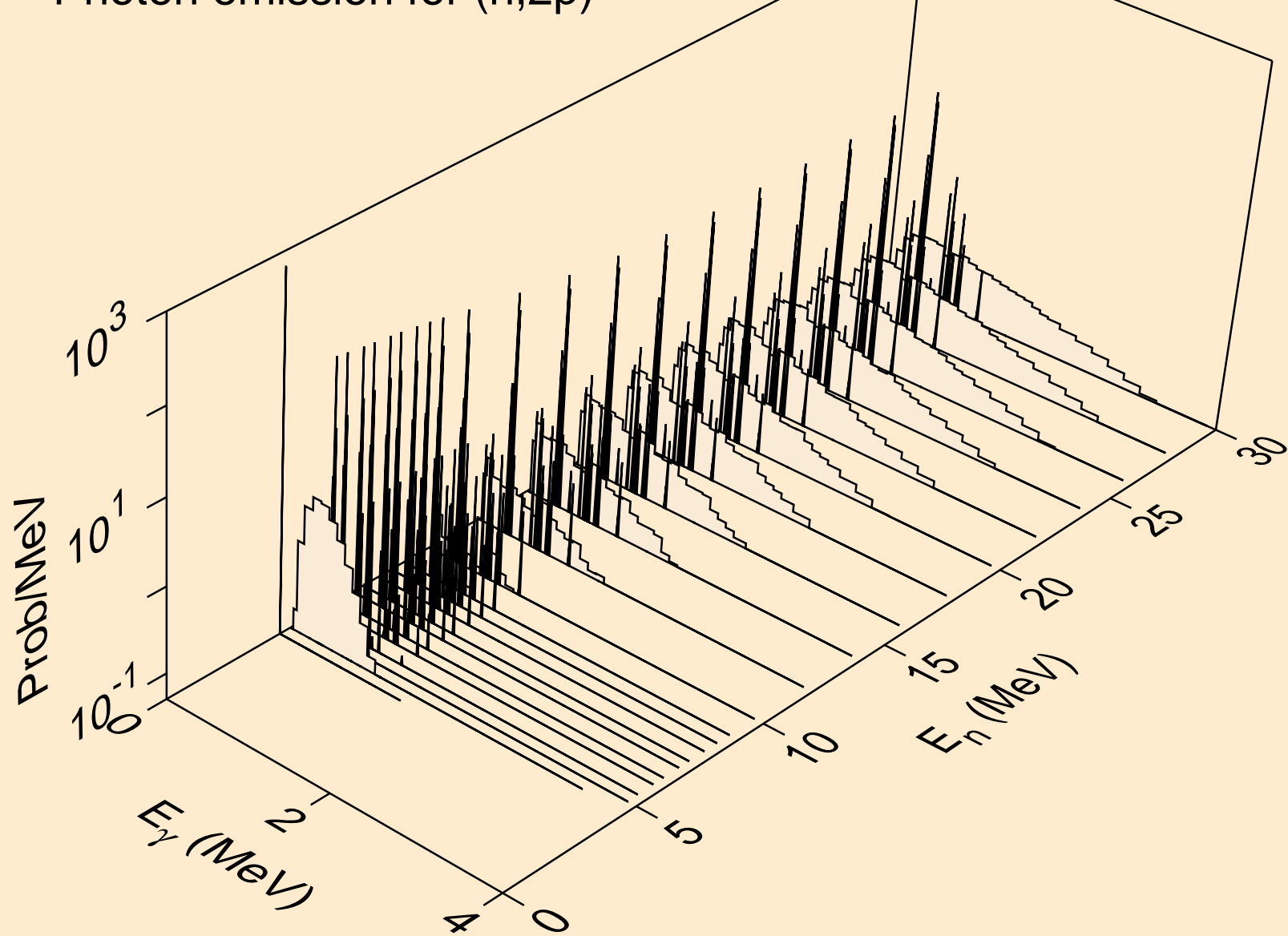
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Photon emission for (n,a)



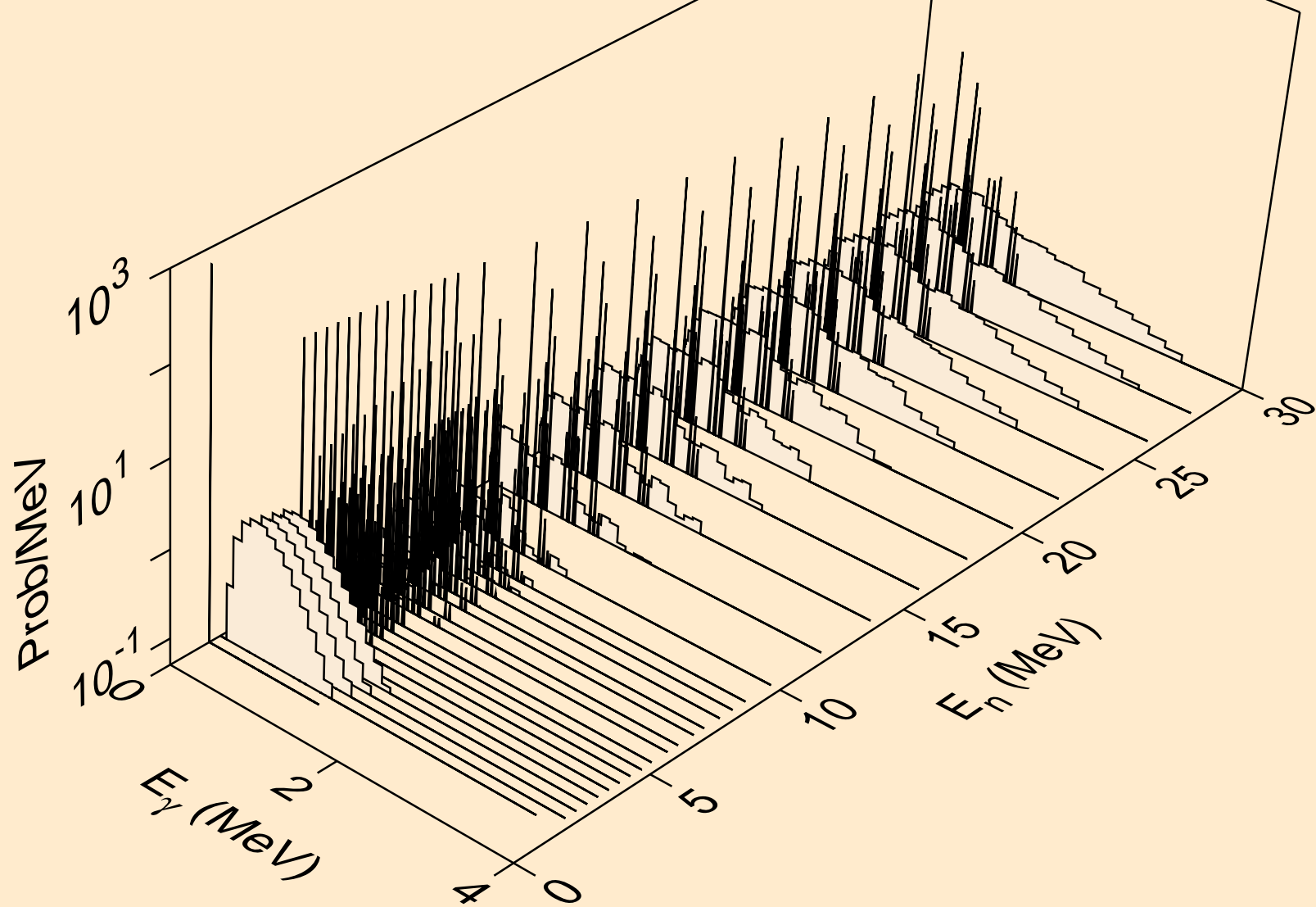
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Photon emission for (n,2a)



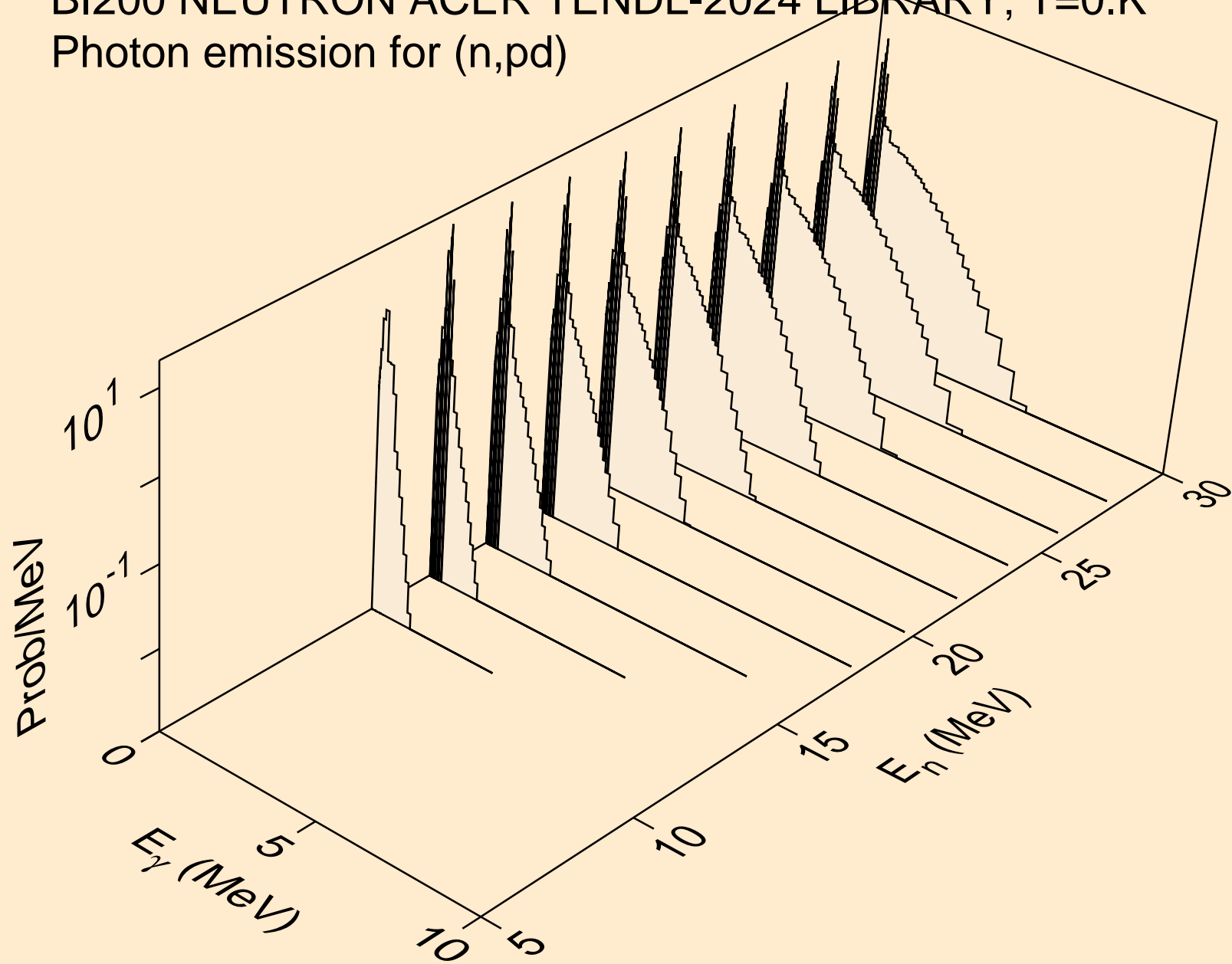
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Photon emission for (n,2p)



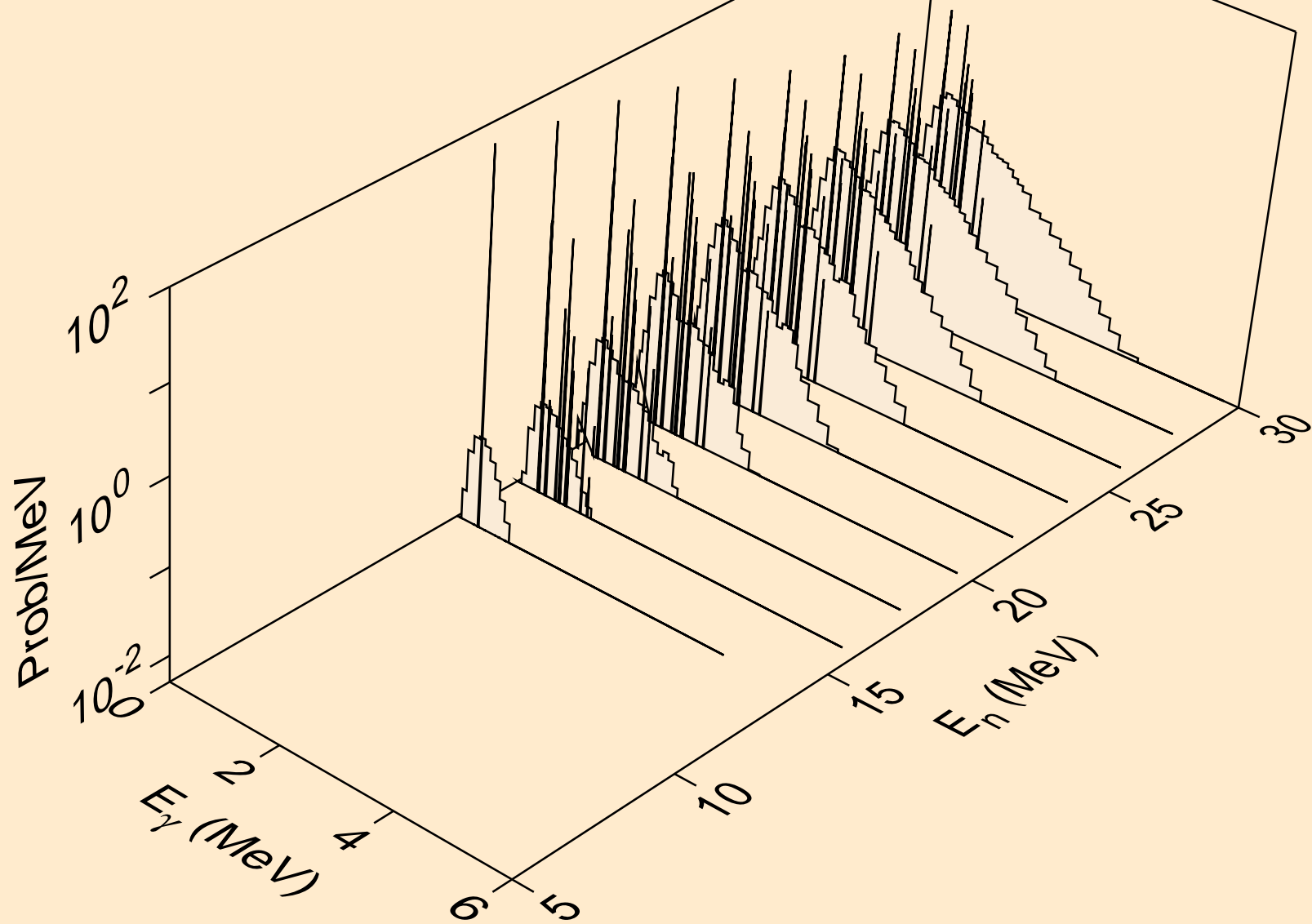
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Photon emission for (n,p)



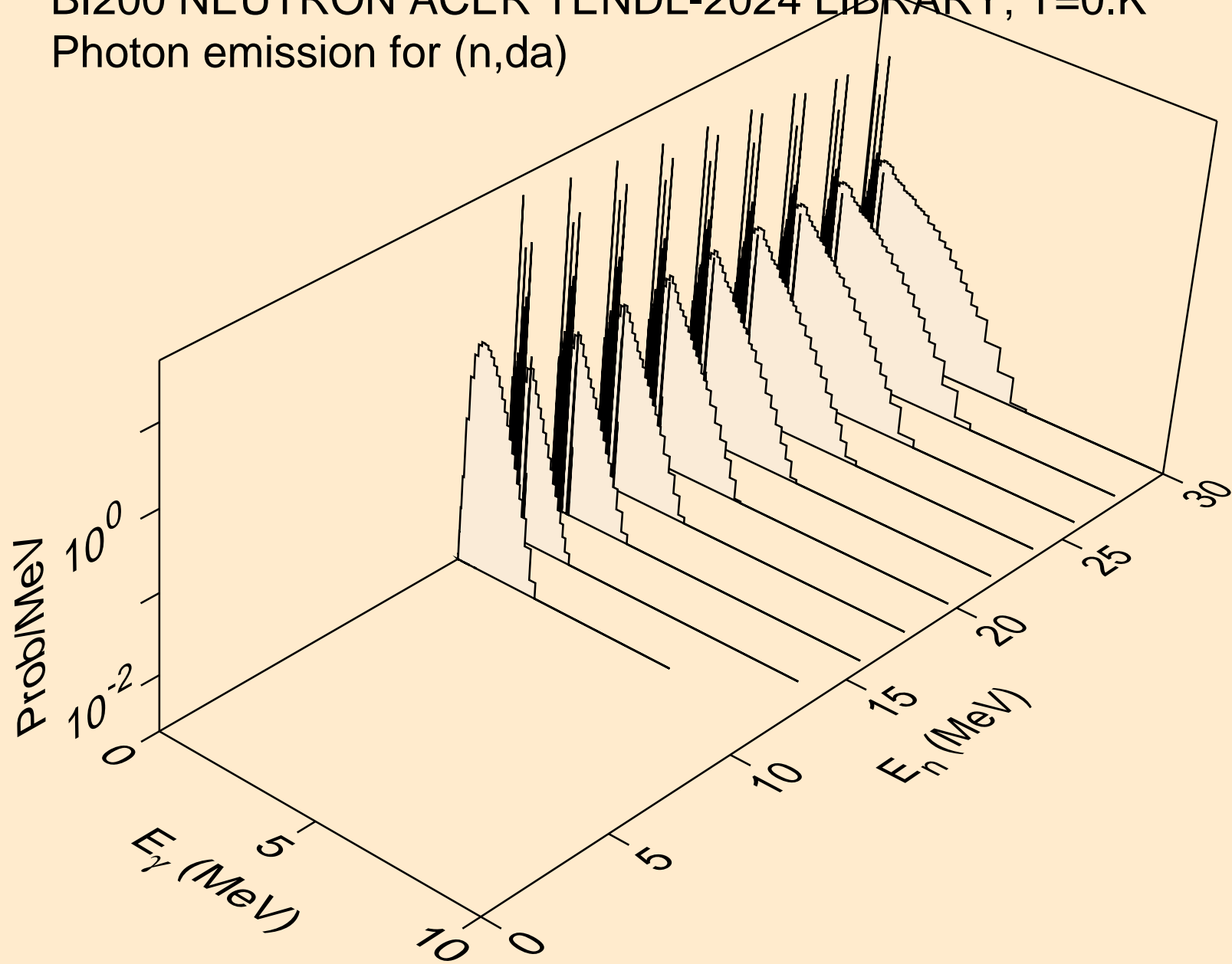
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Photon emission for (n,pd)



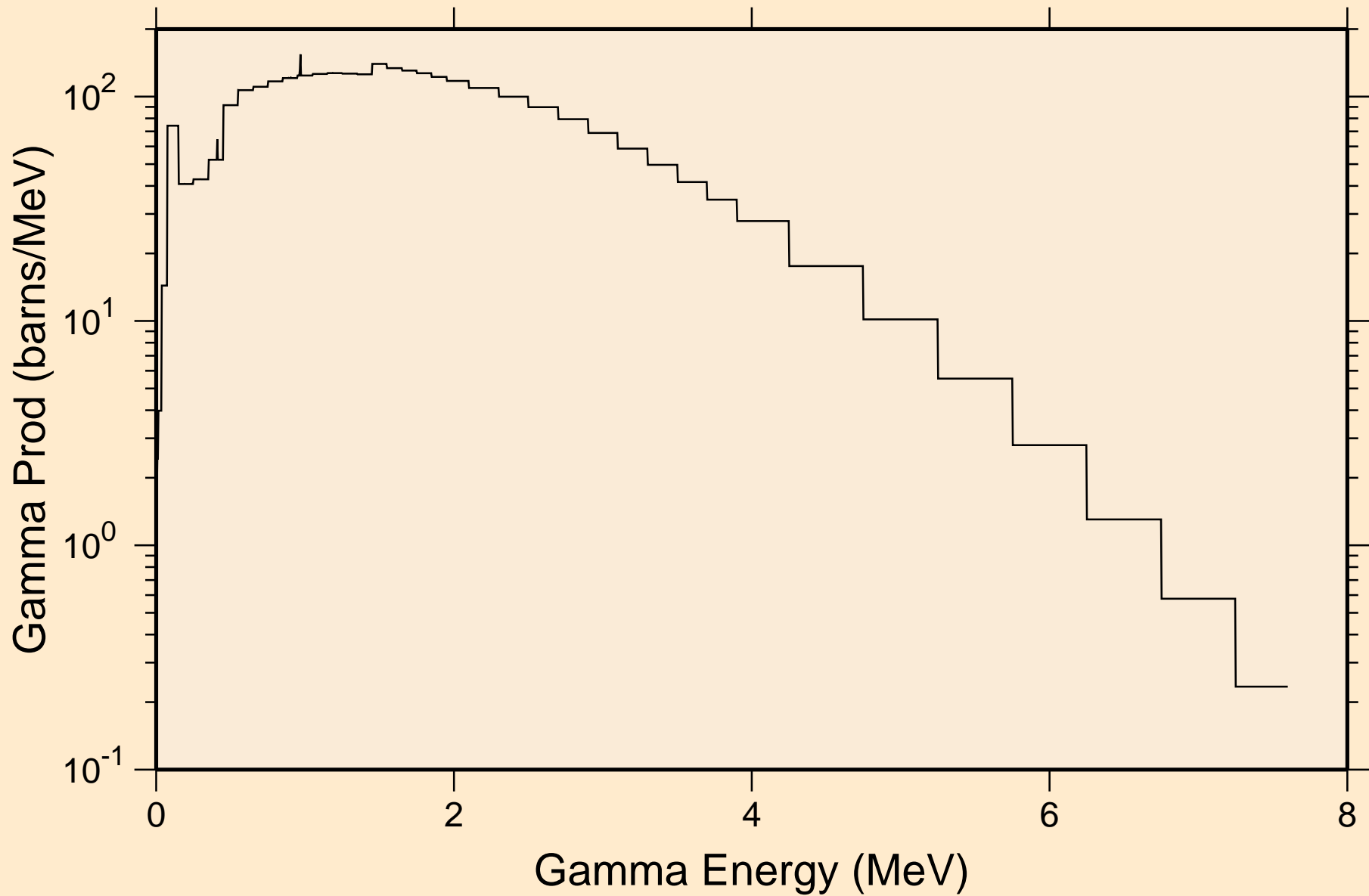
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

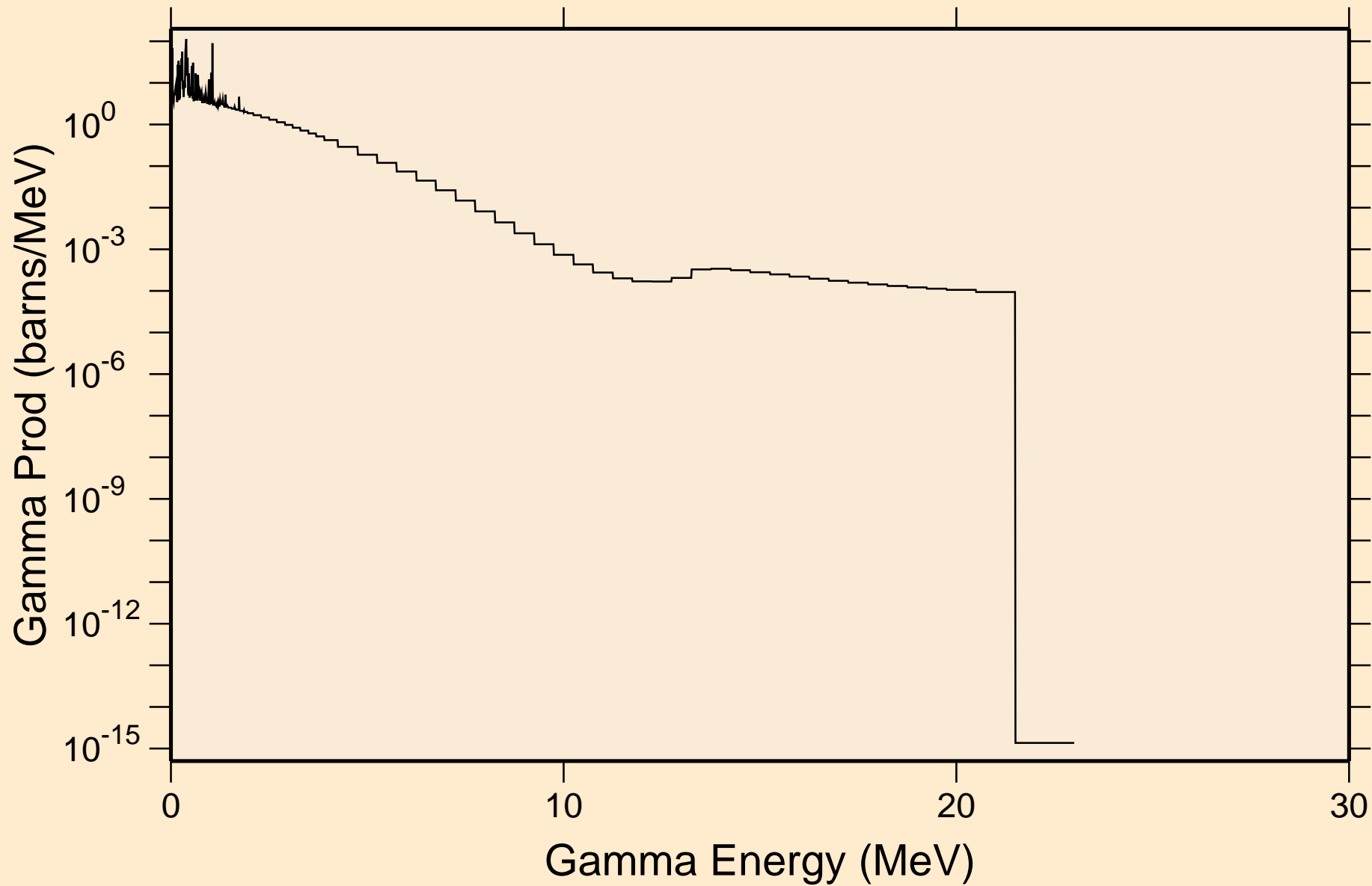


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



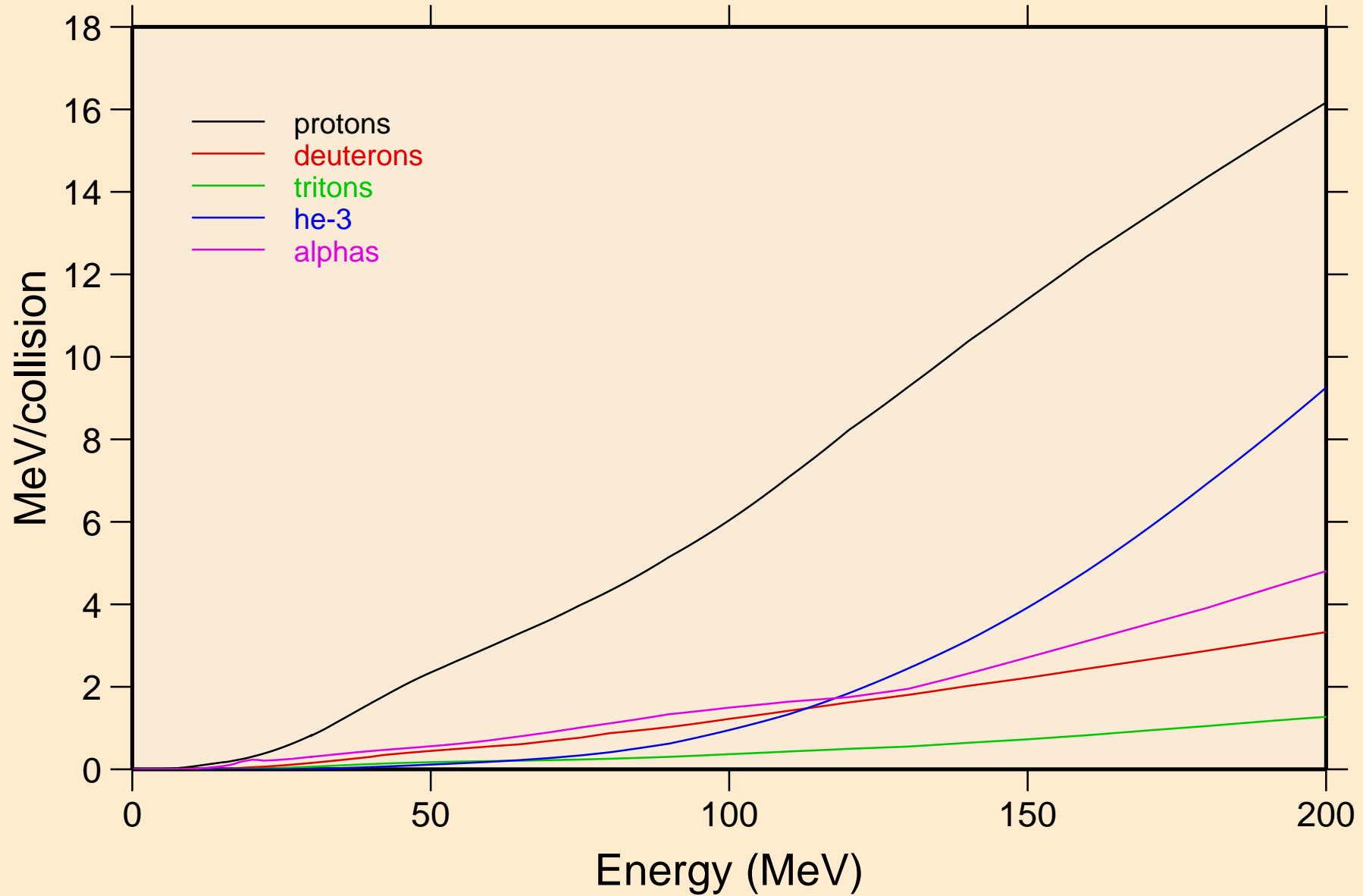


BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

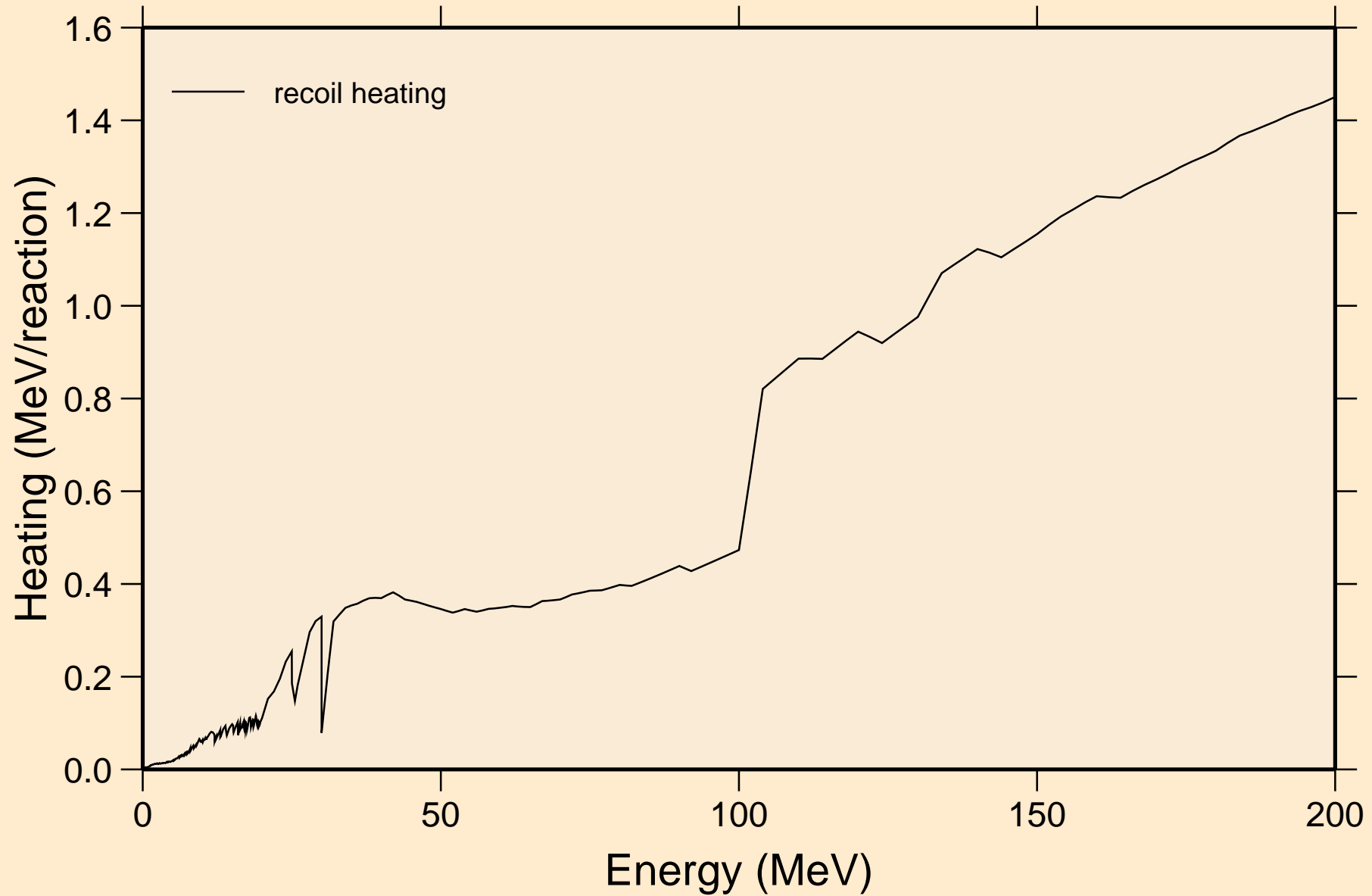


# BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

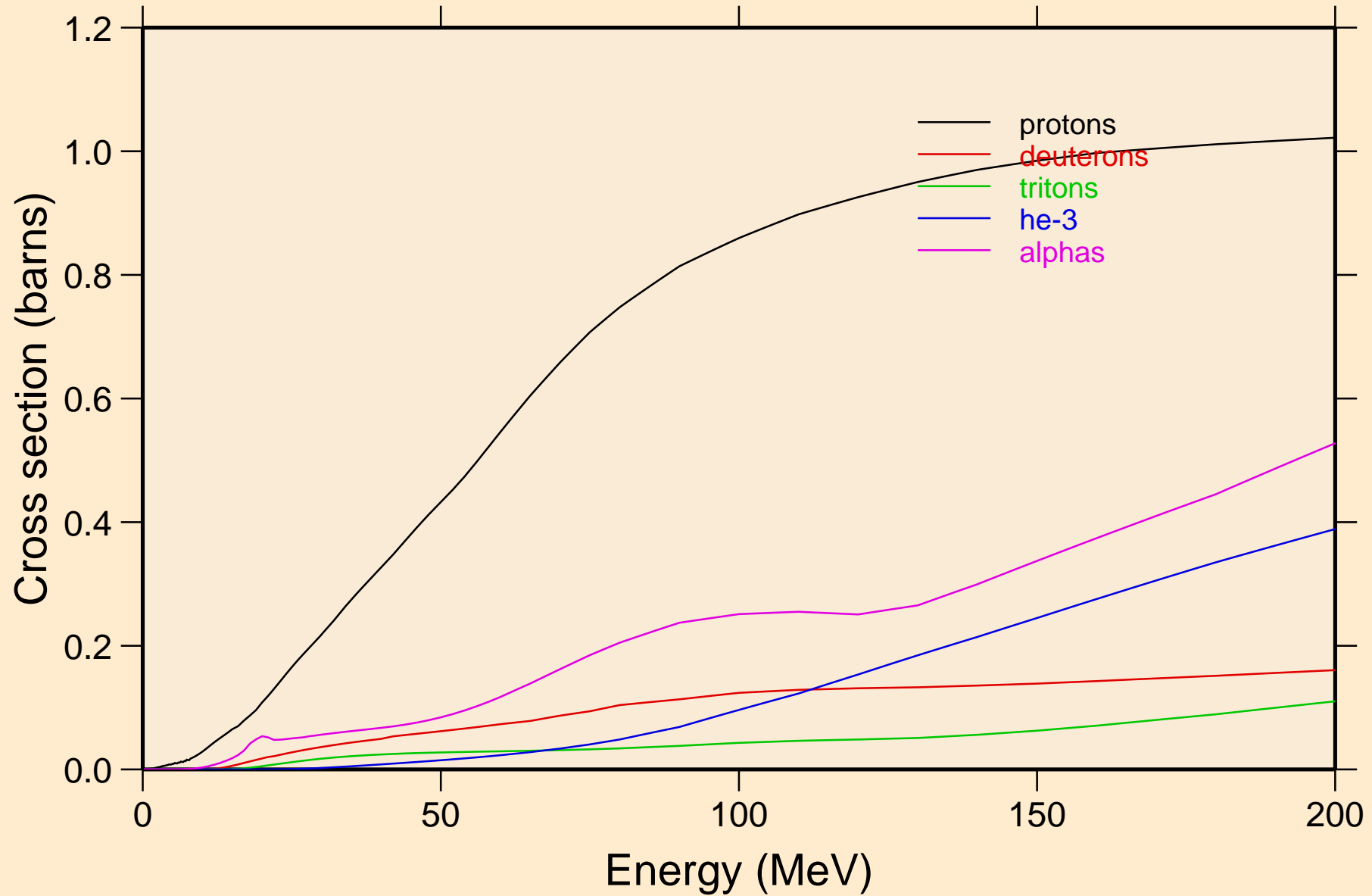
## Particle heating contributions



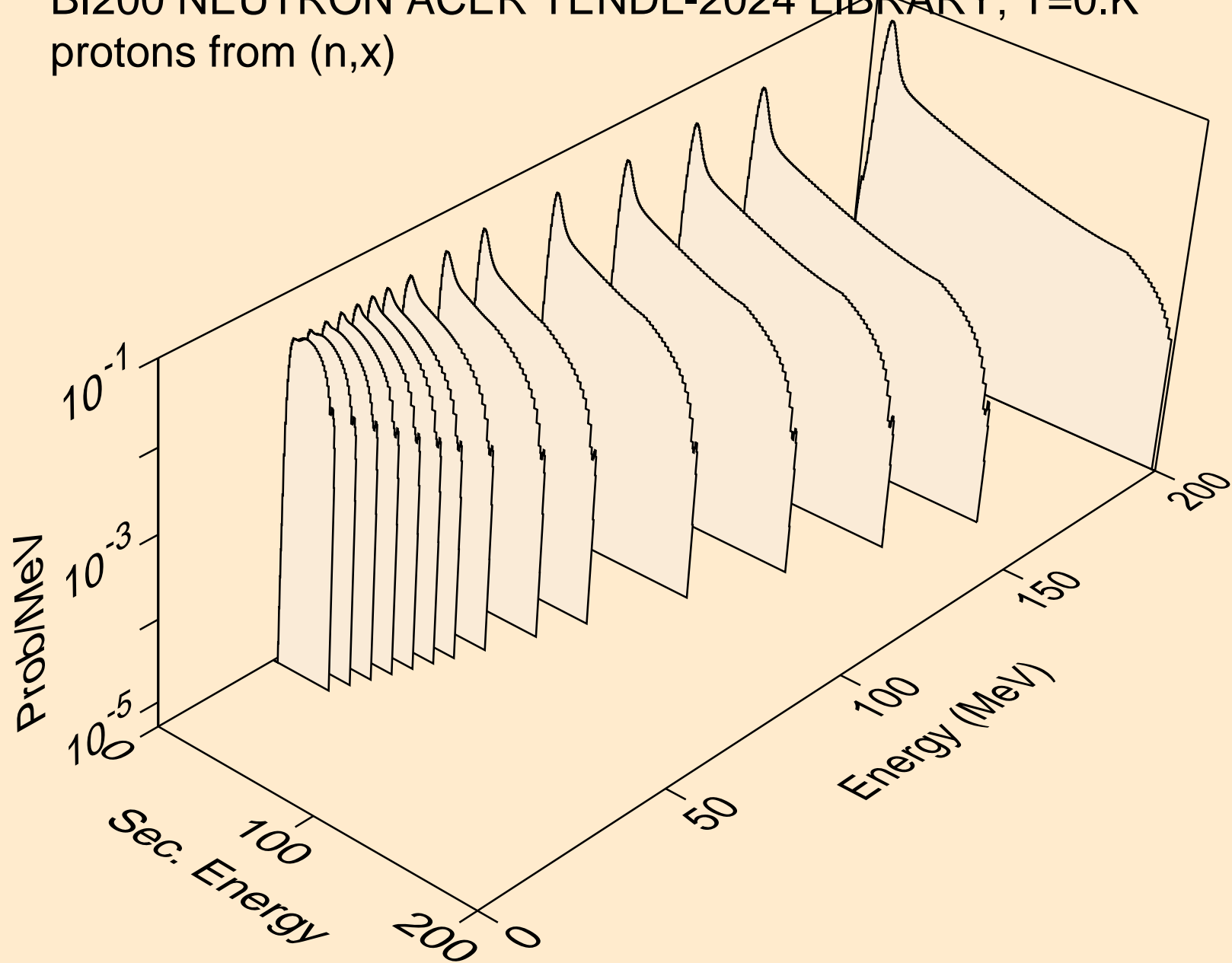
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Recoil Heating



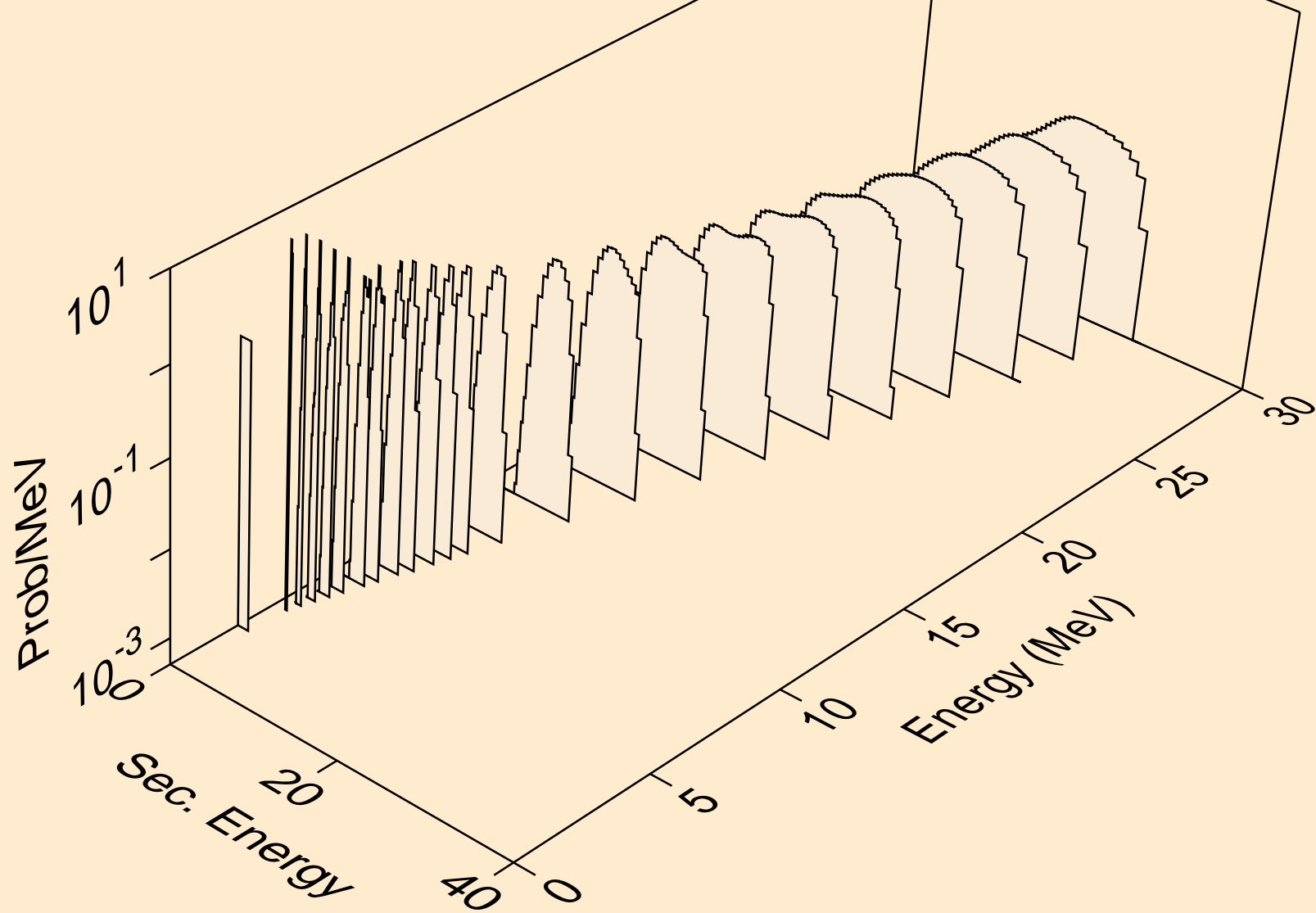
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Particle production cross sections



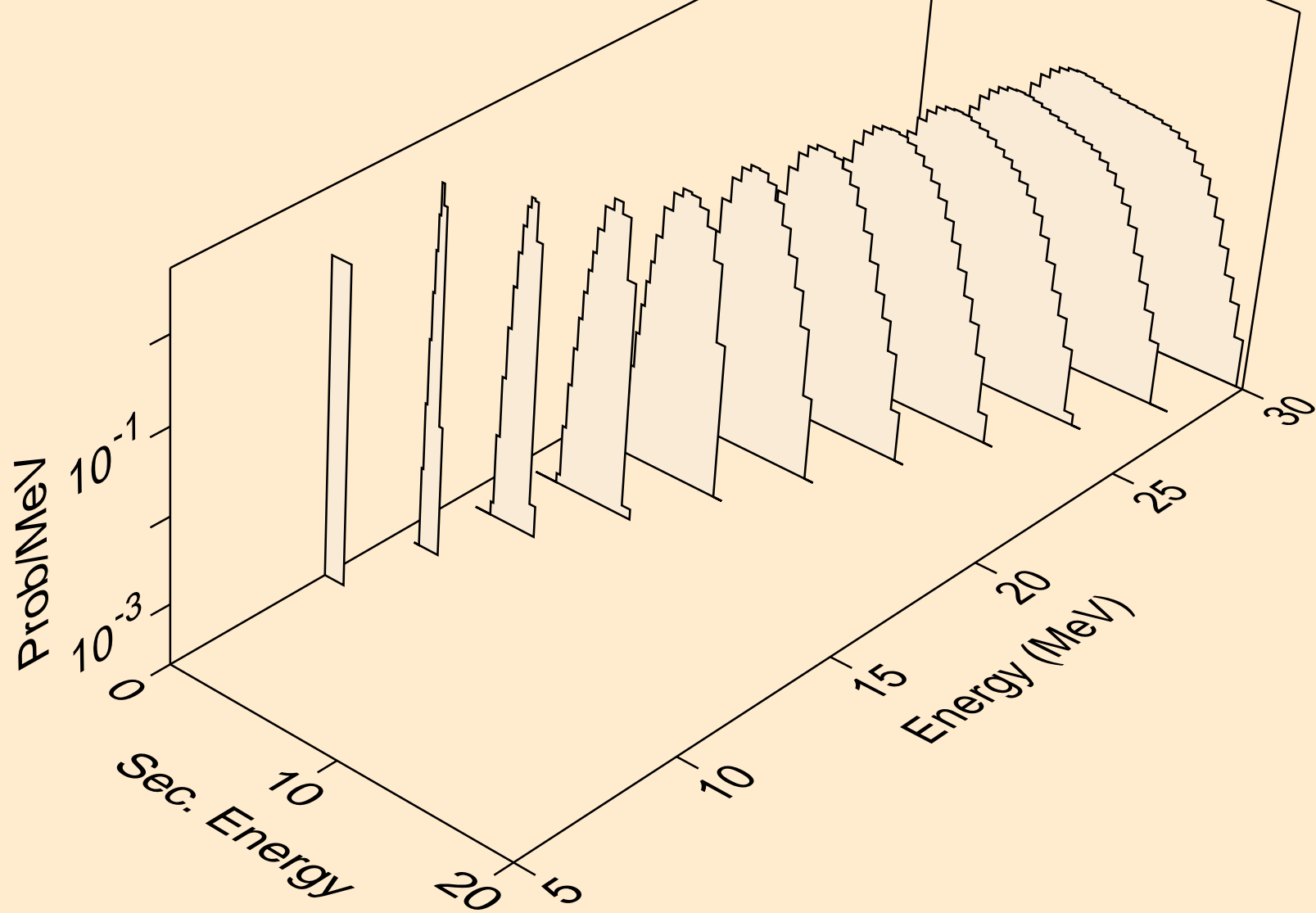
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protons from (n,x)



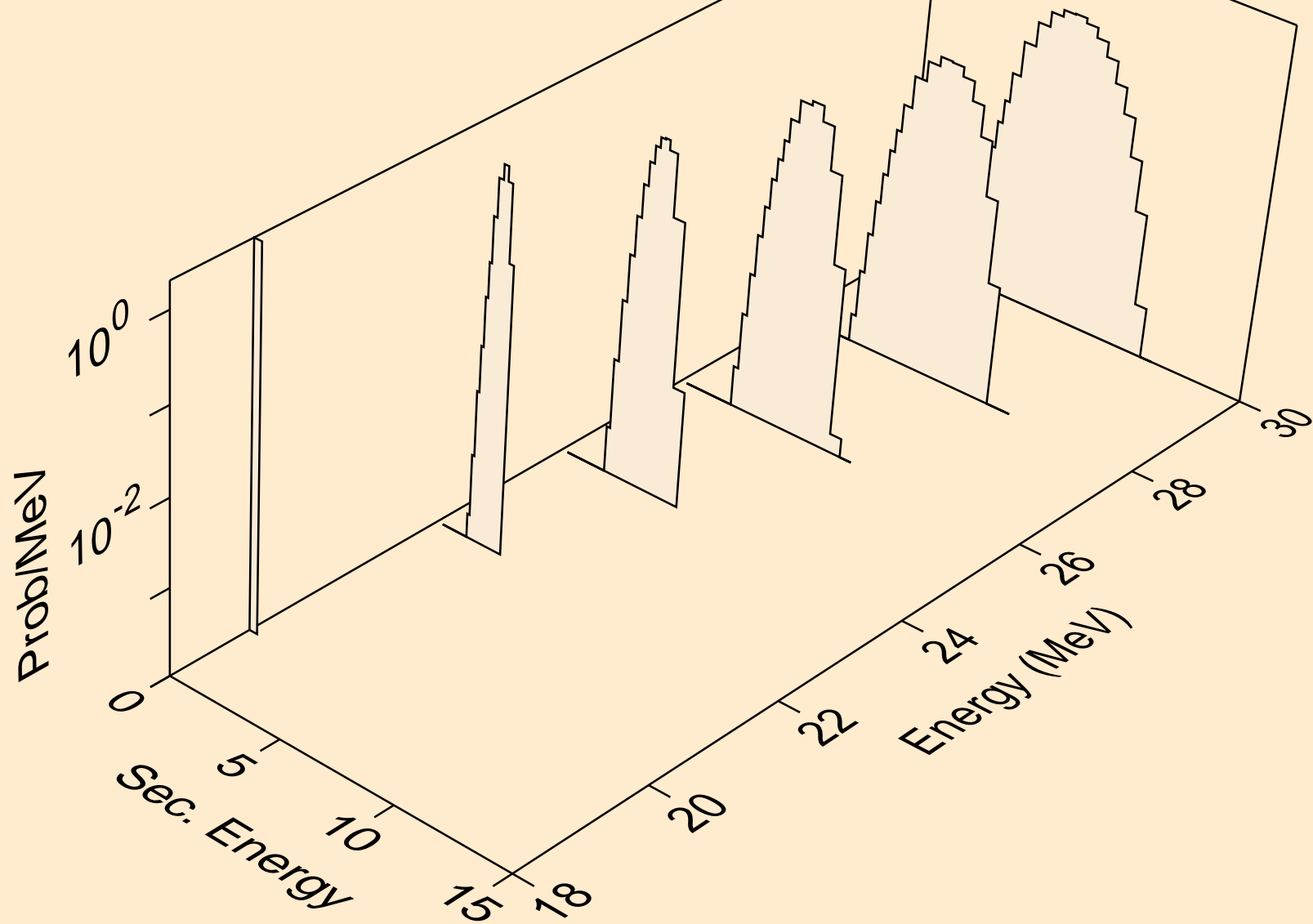
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

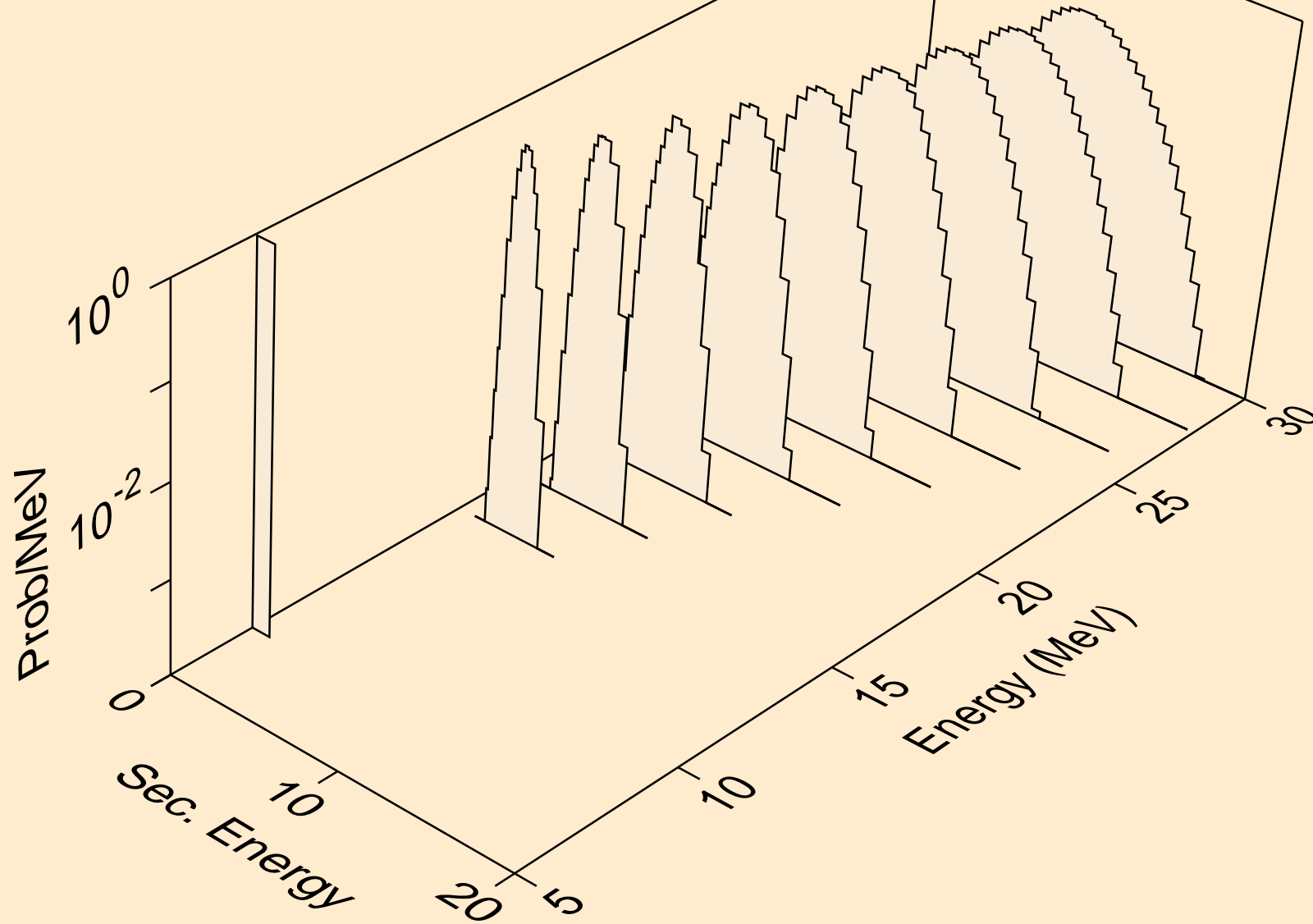


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protons from (n,3np)

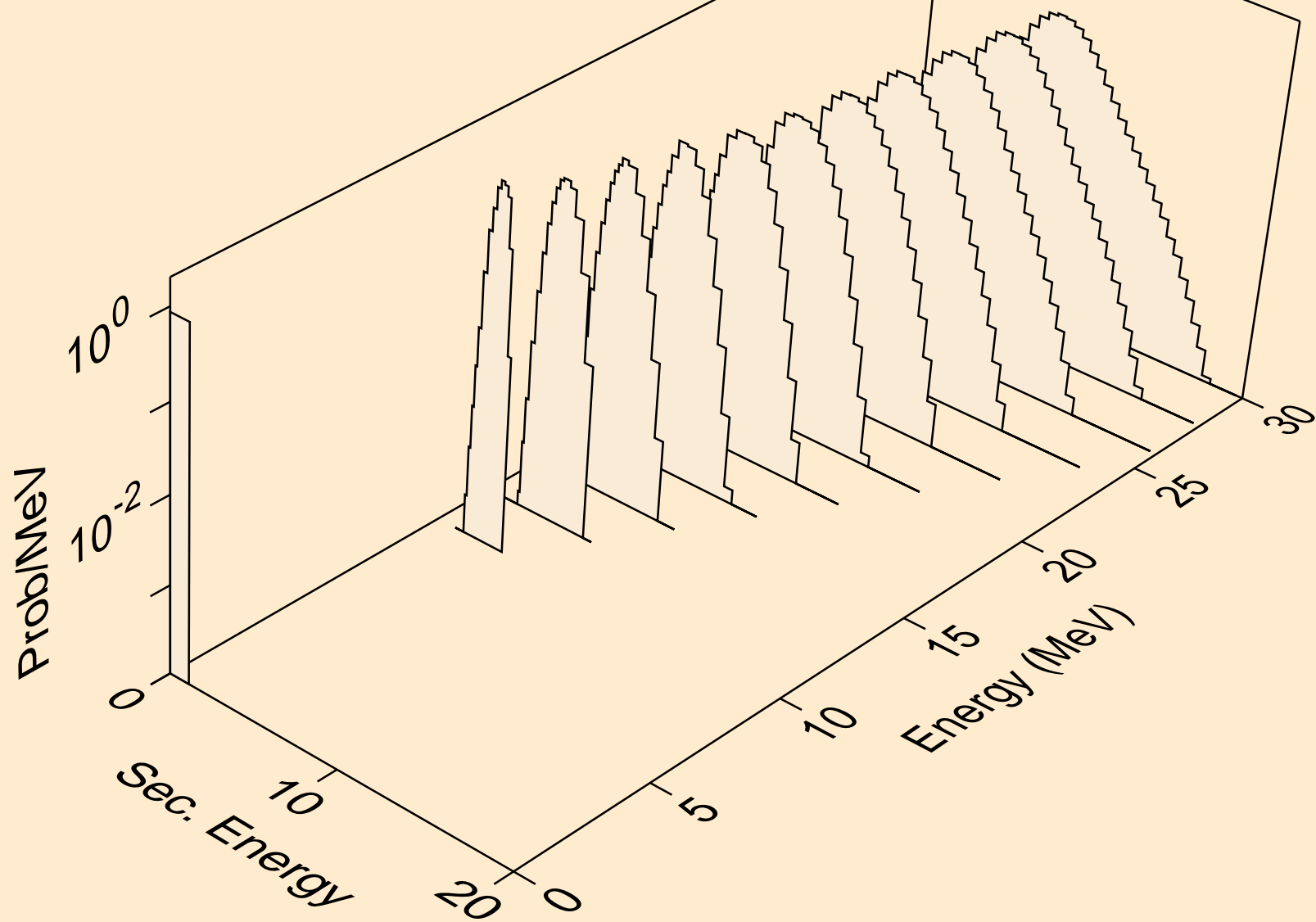




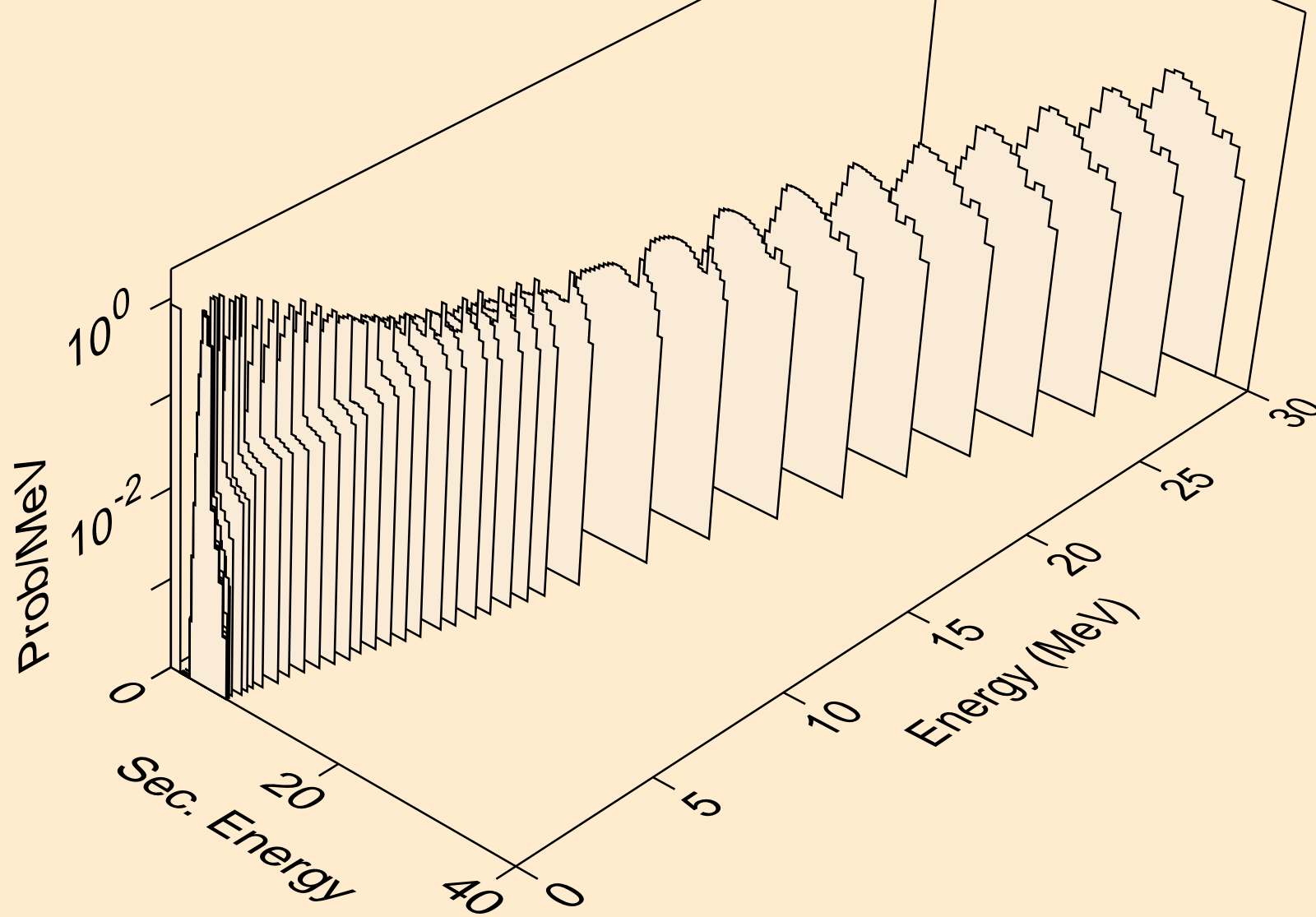
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protons from (n,n2p)



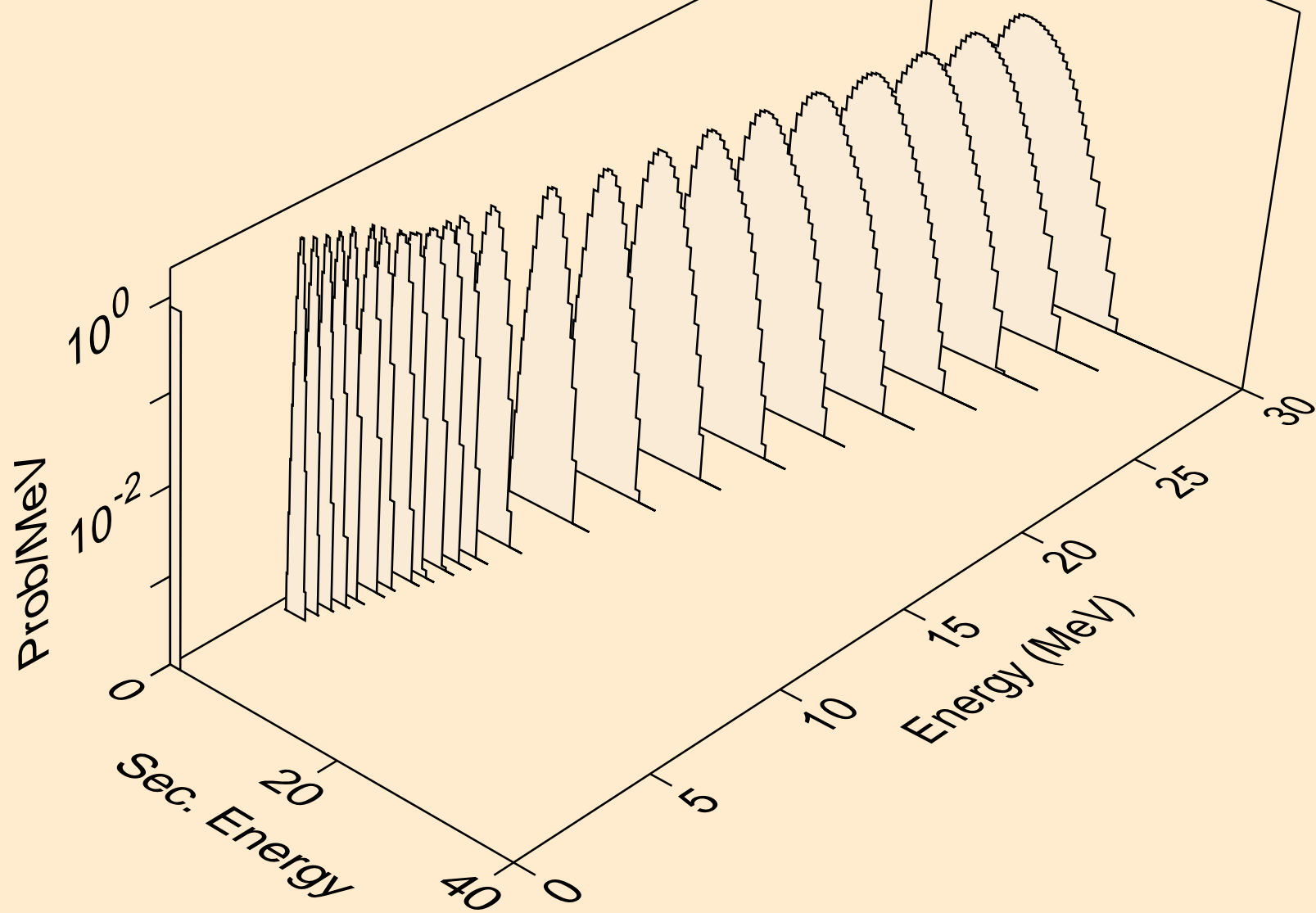
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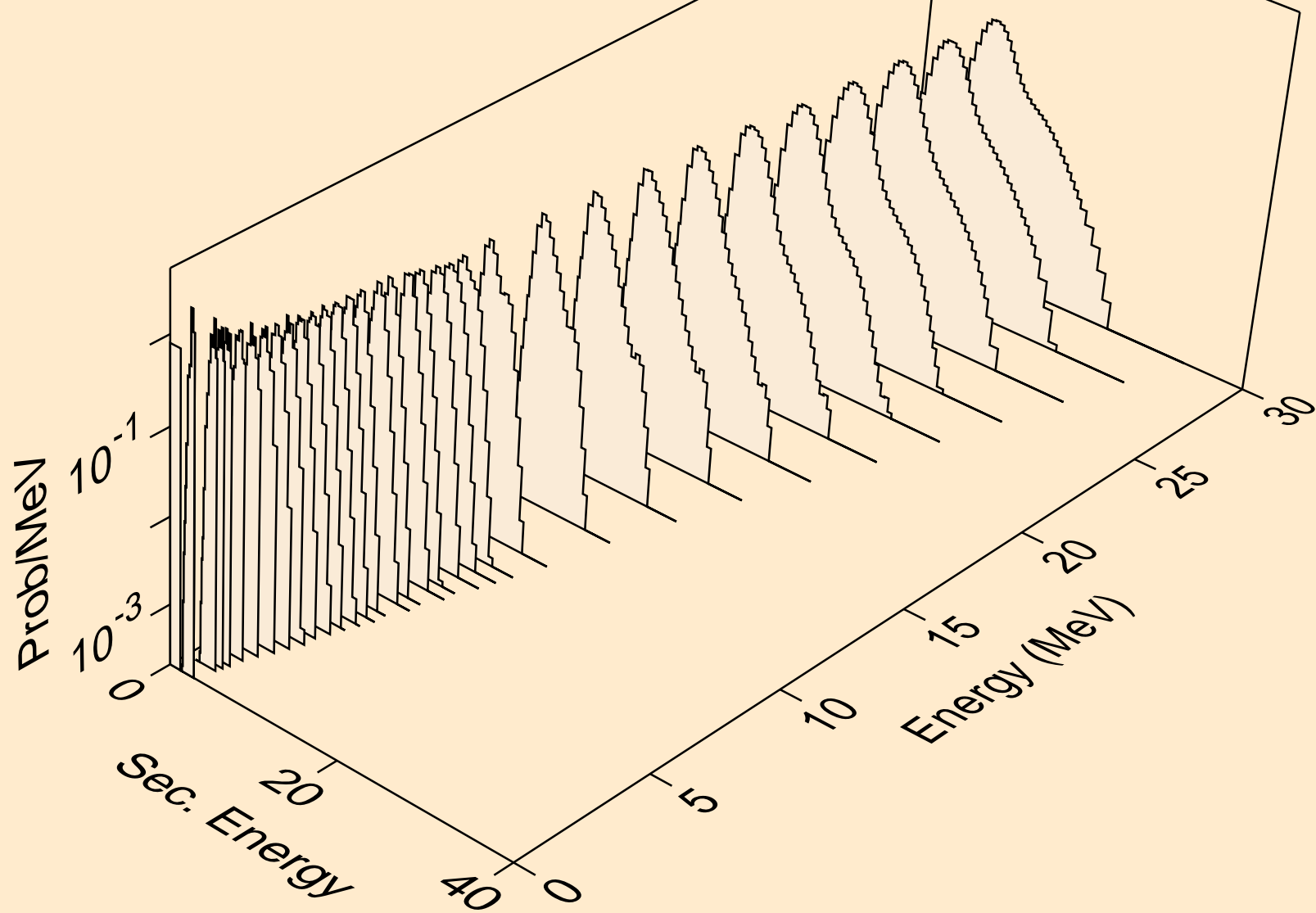
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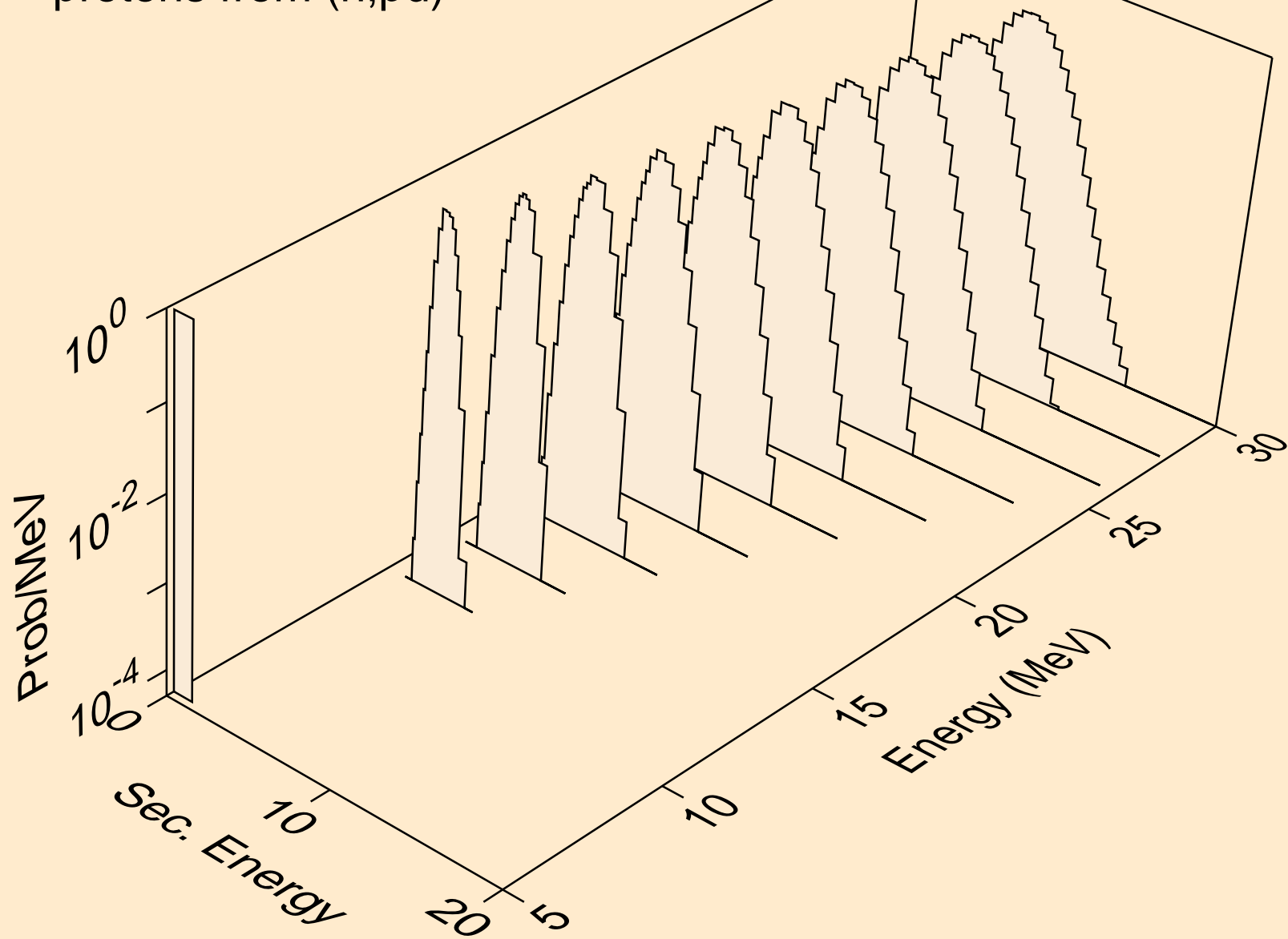
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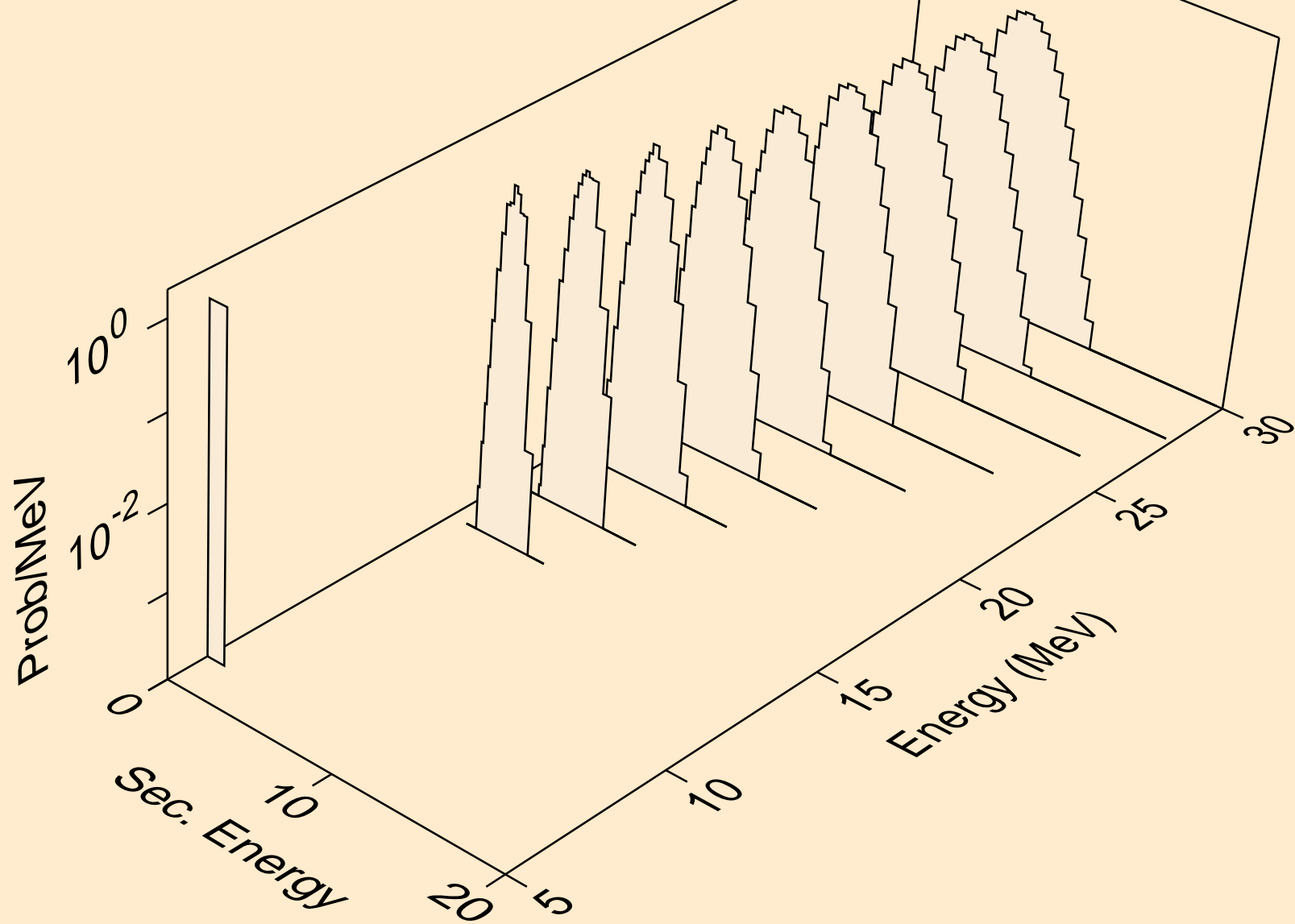
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protons from (n,p)



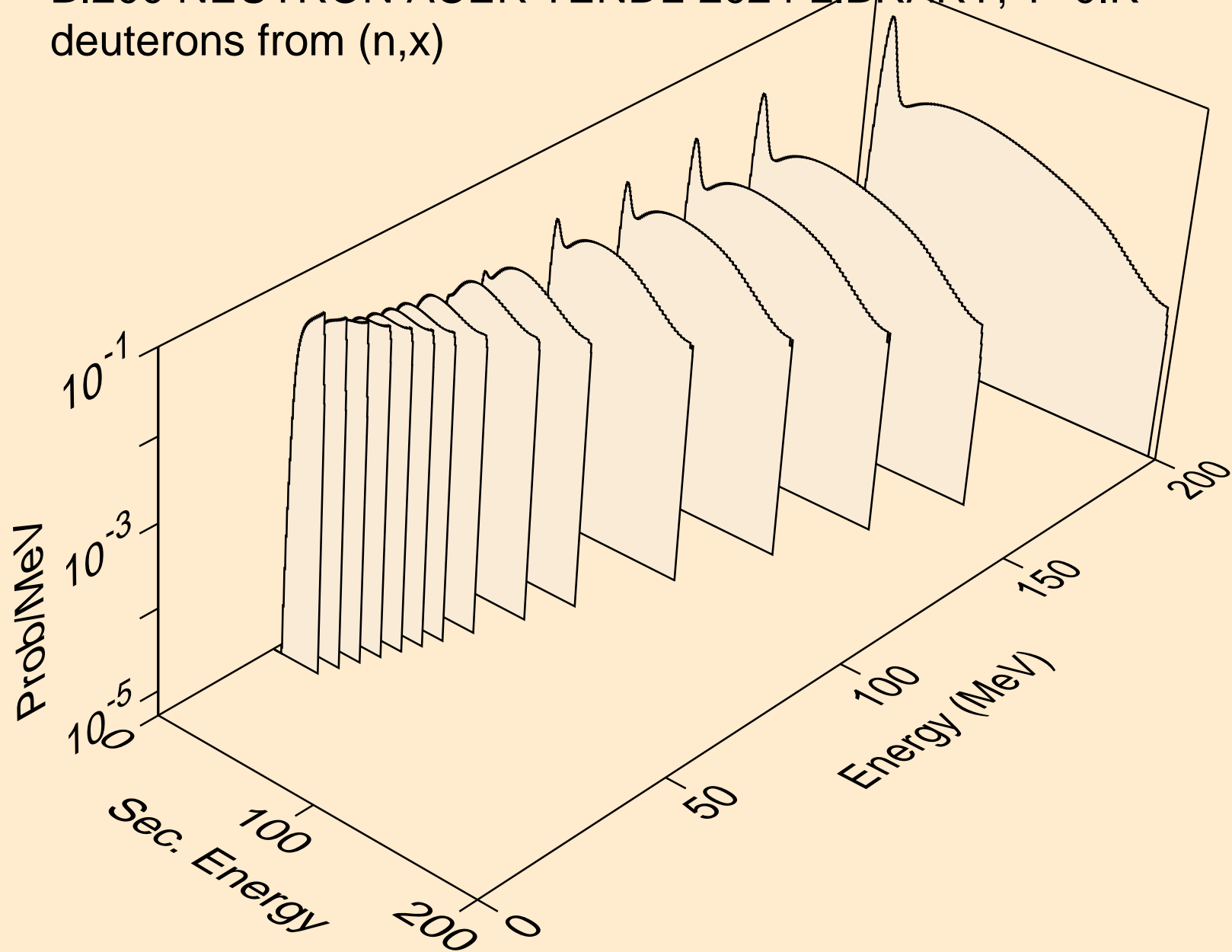
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

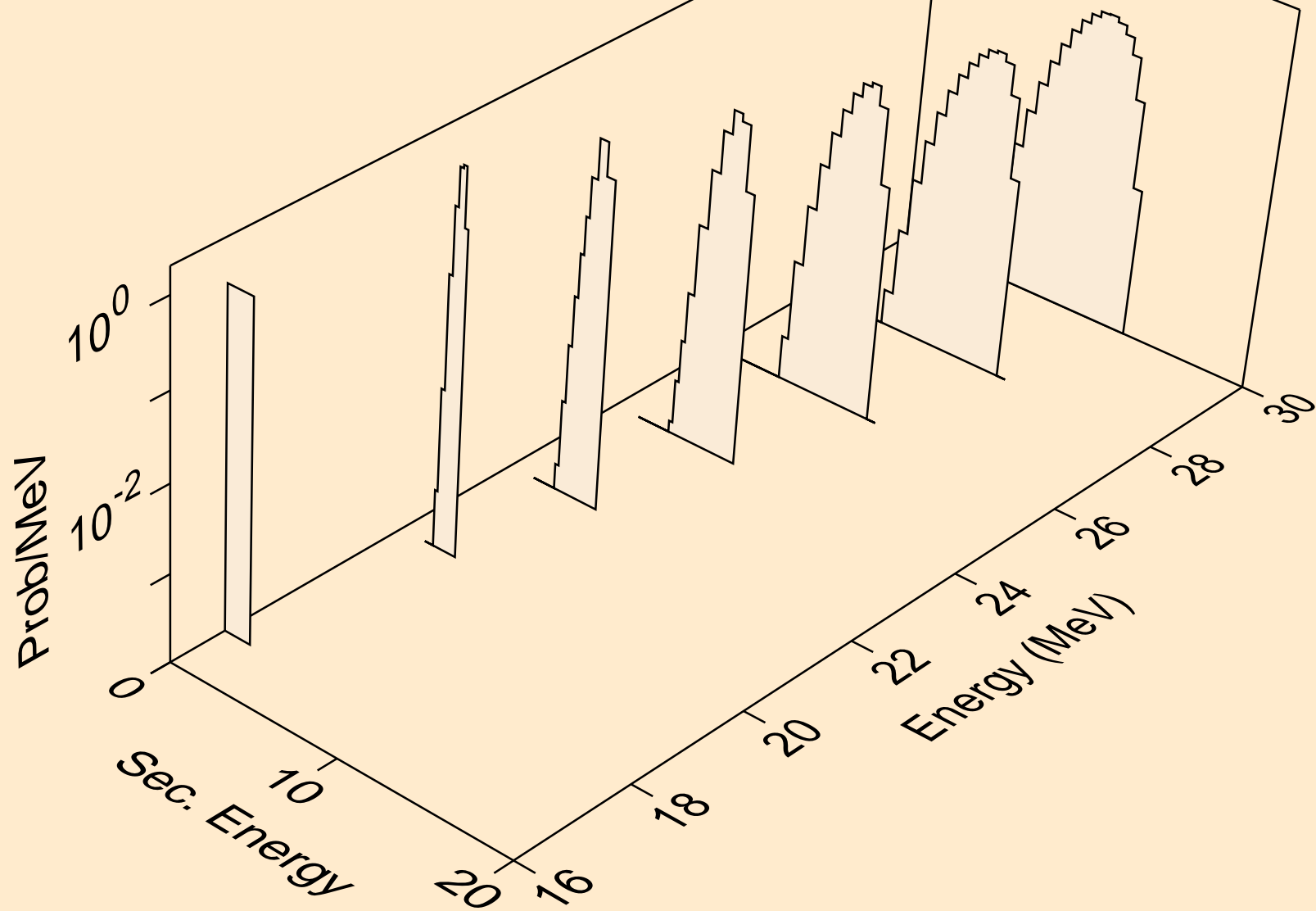


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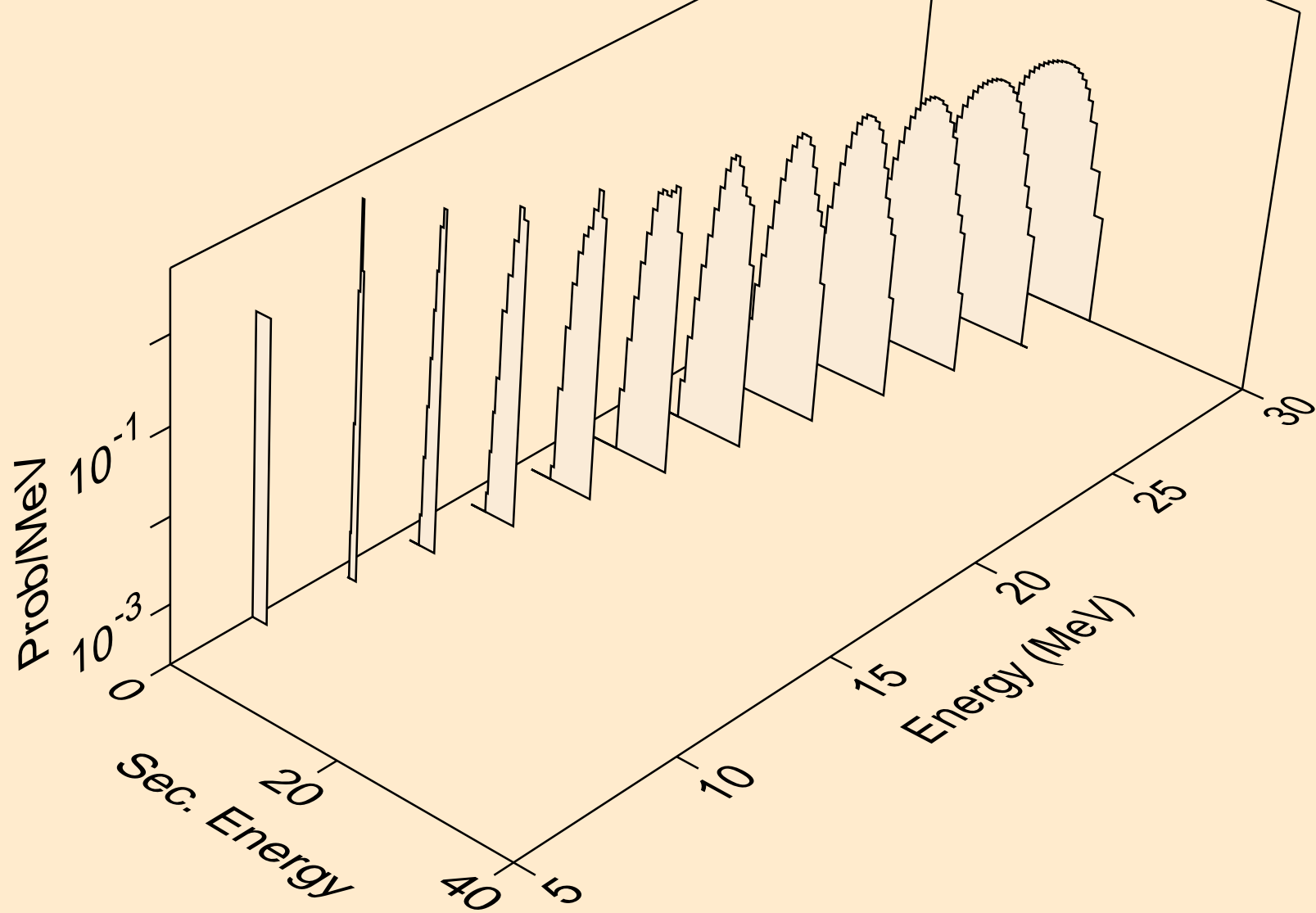




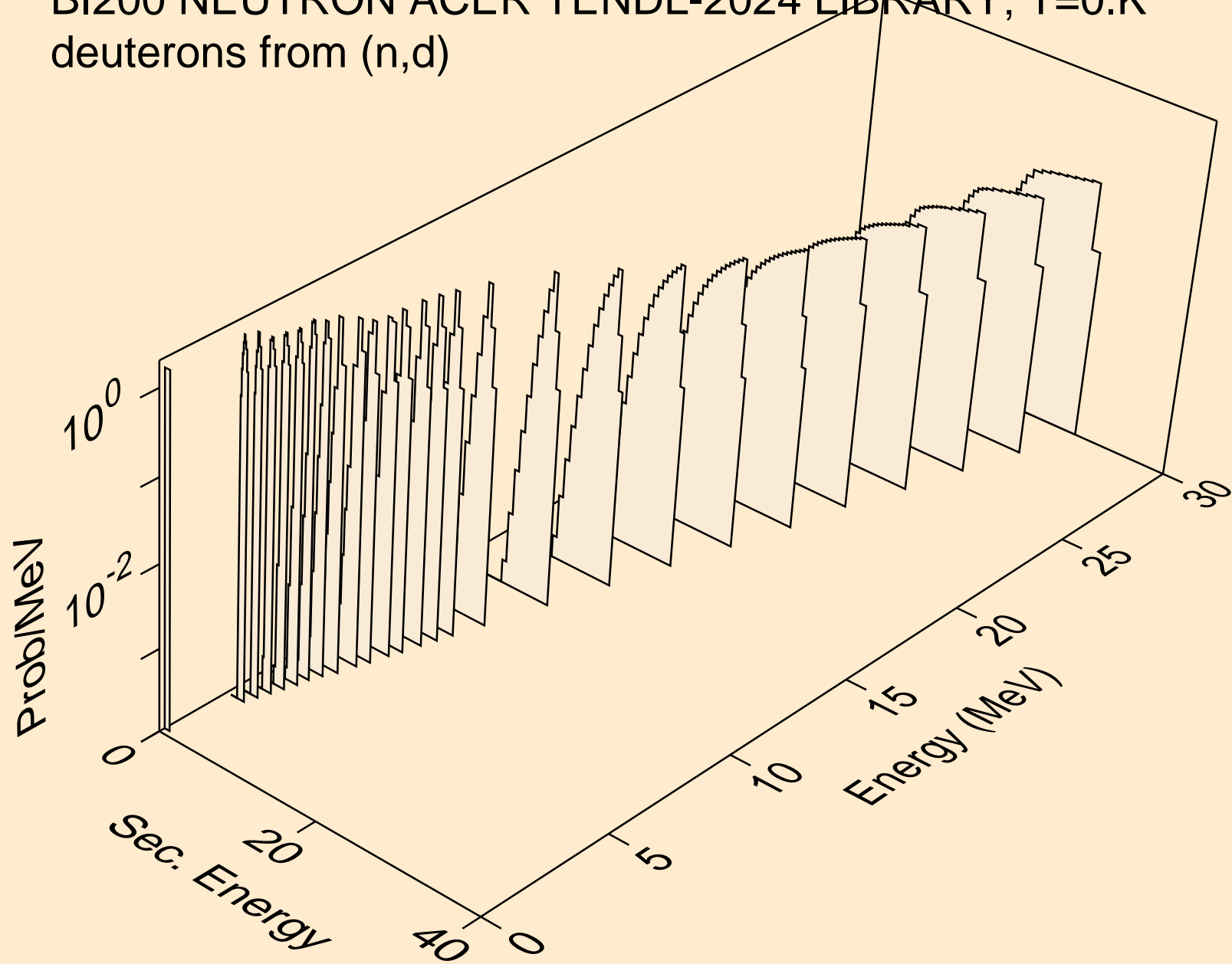
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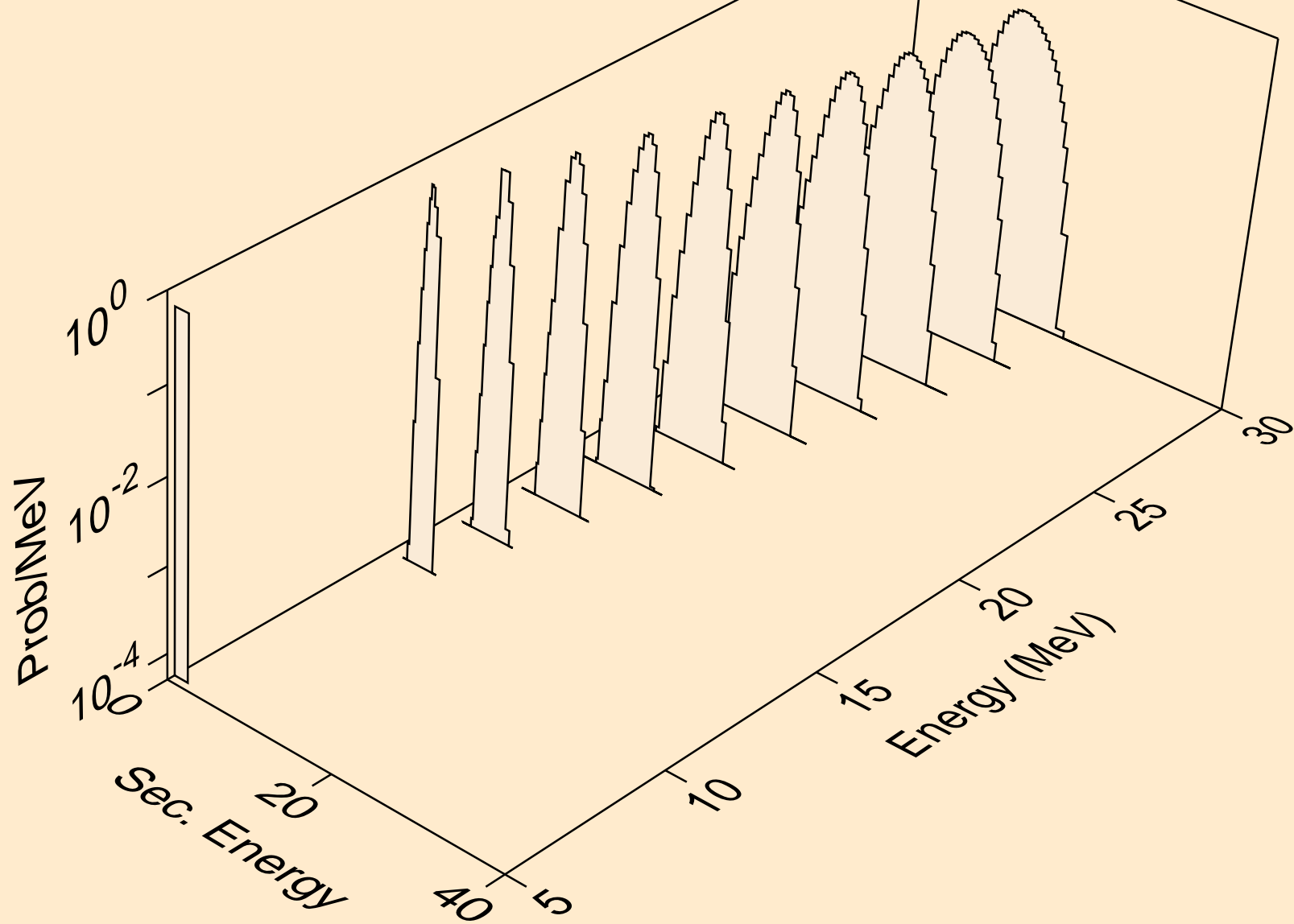
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deuterons from (n,n\*)d



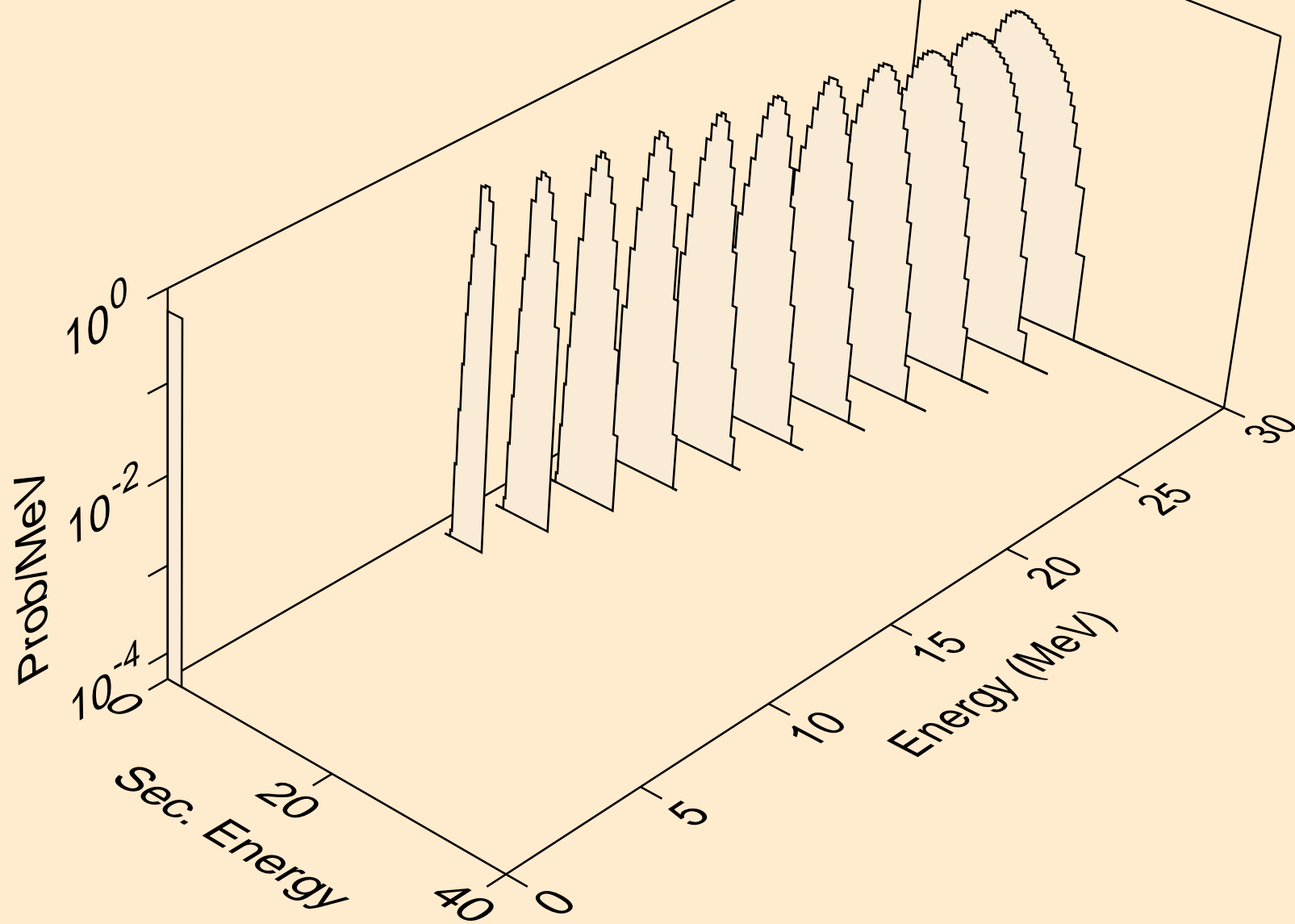
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deuterons from (n,d)



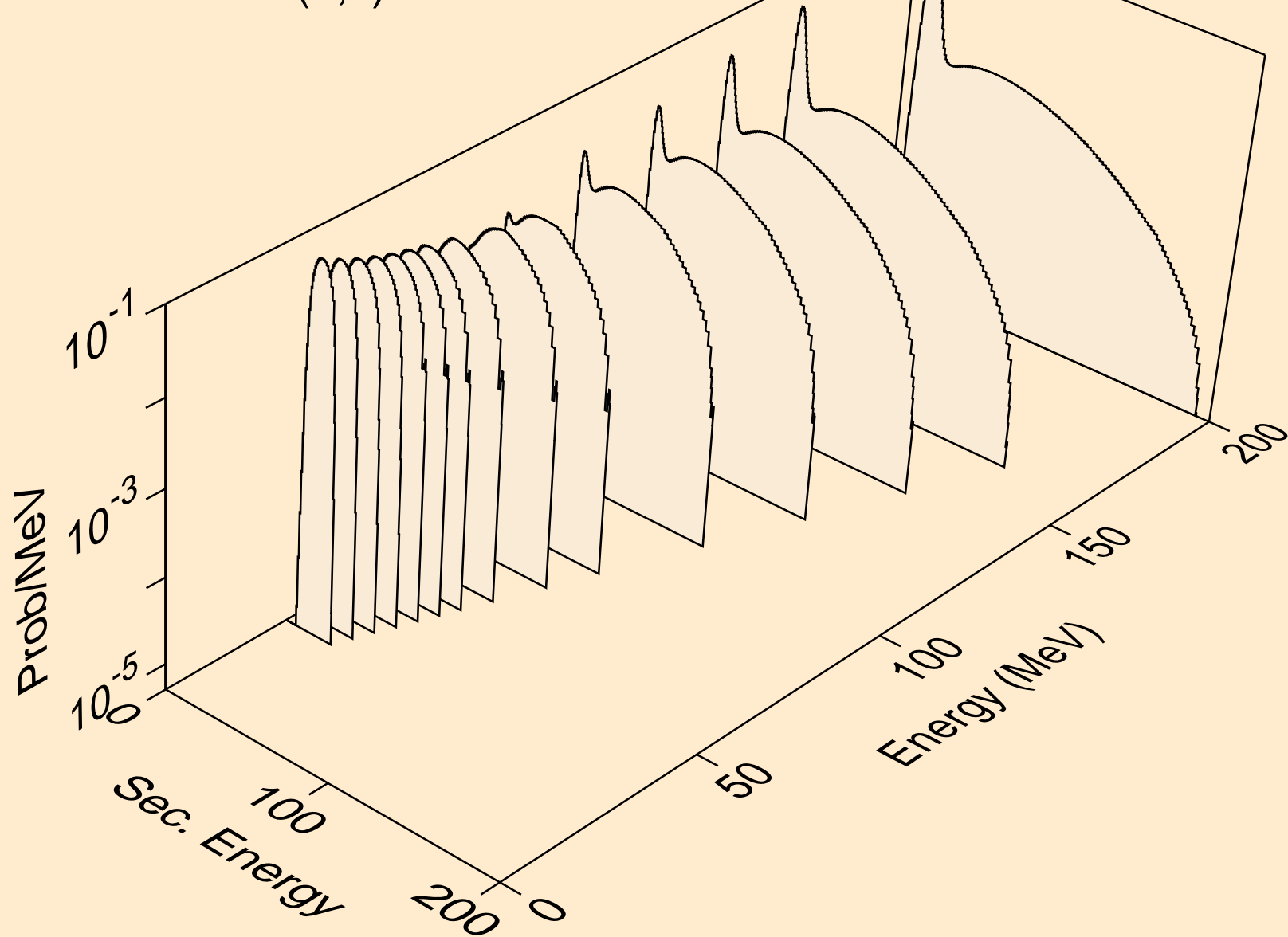
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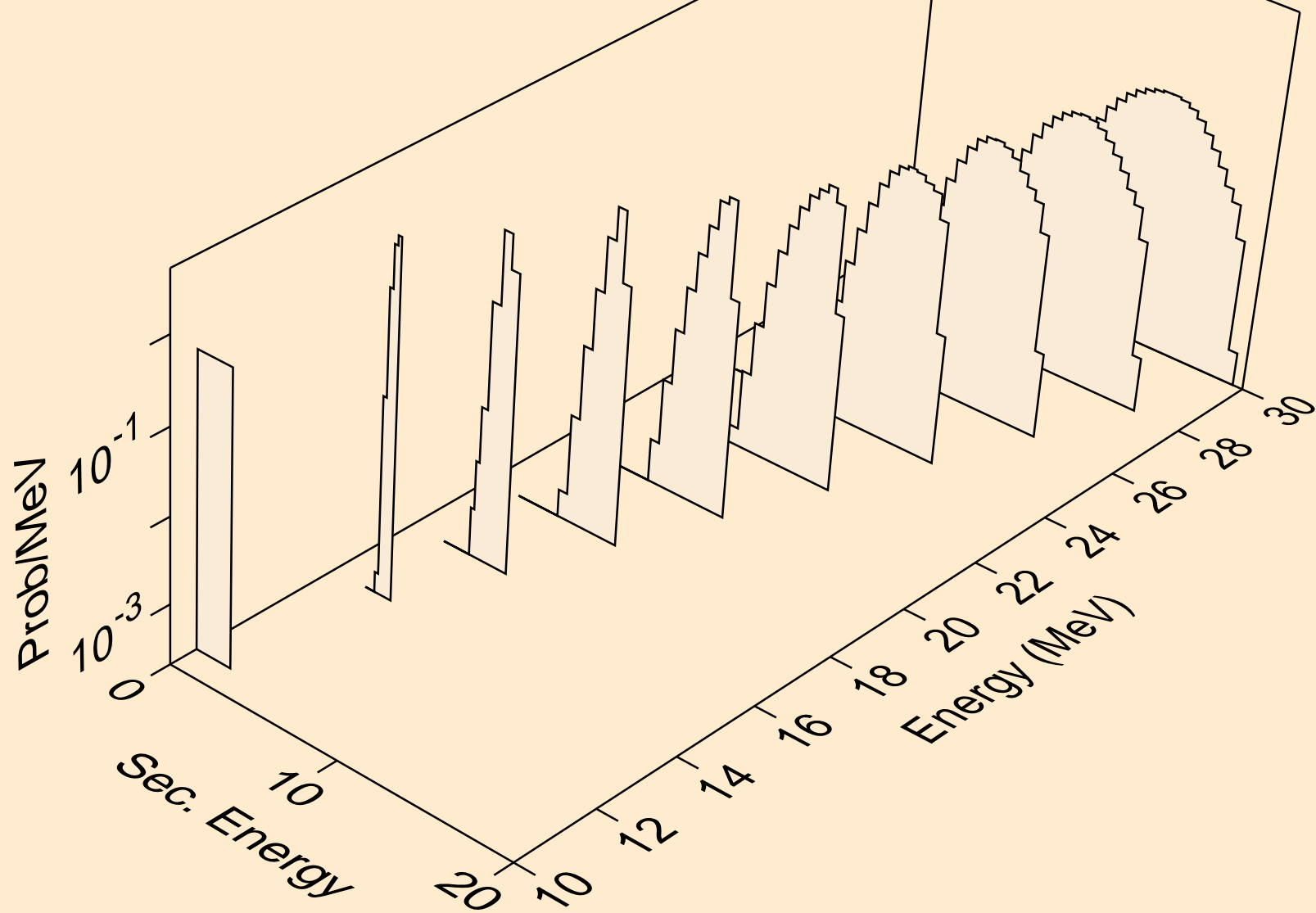
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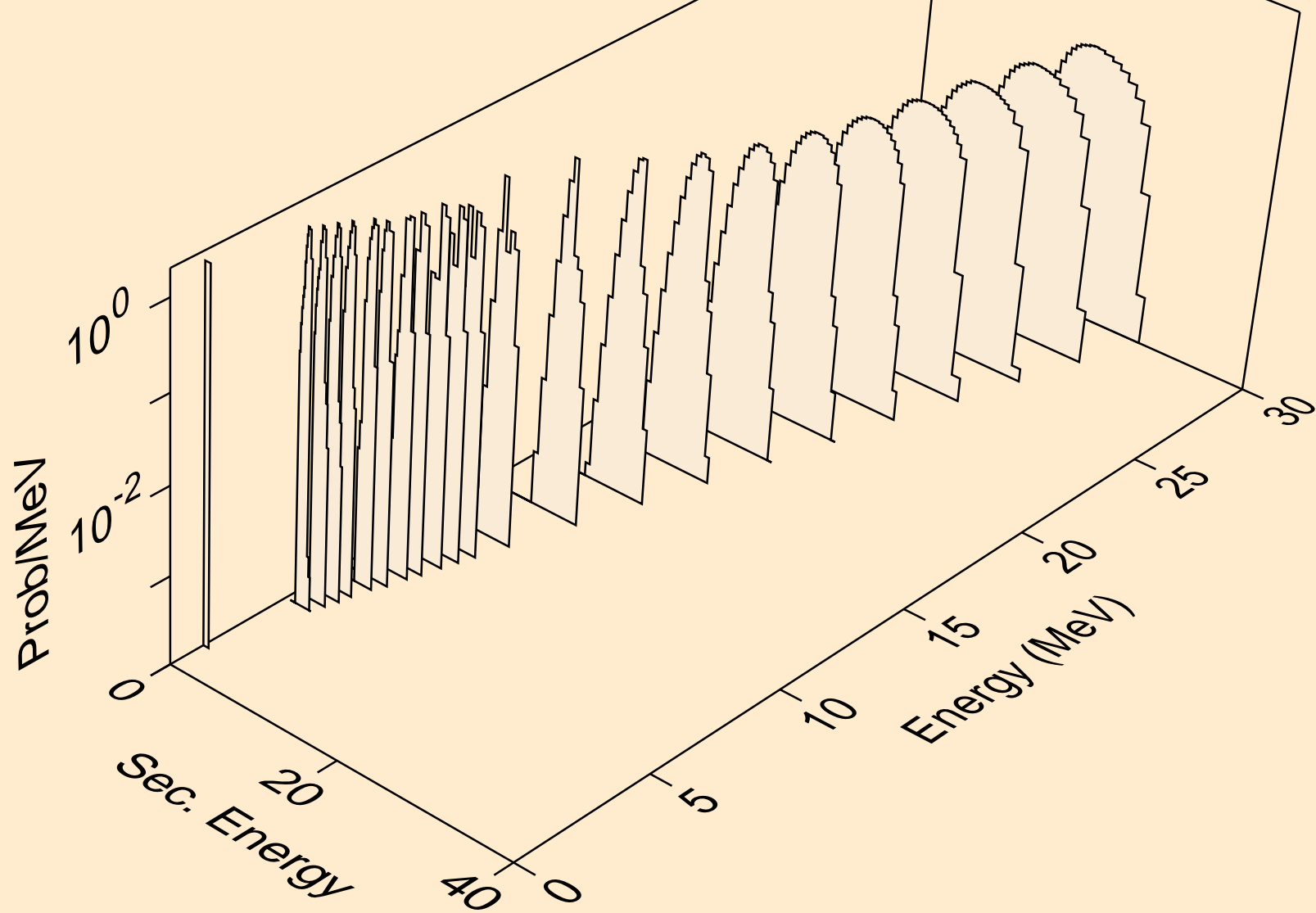
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

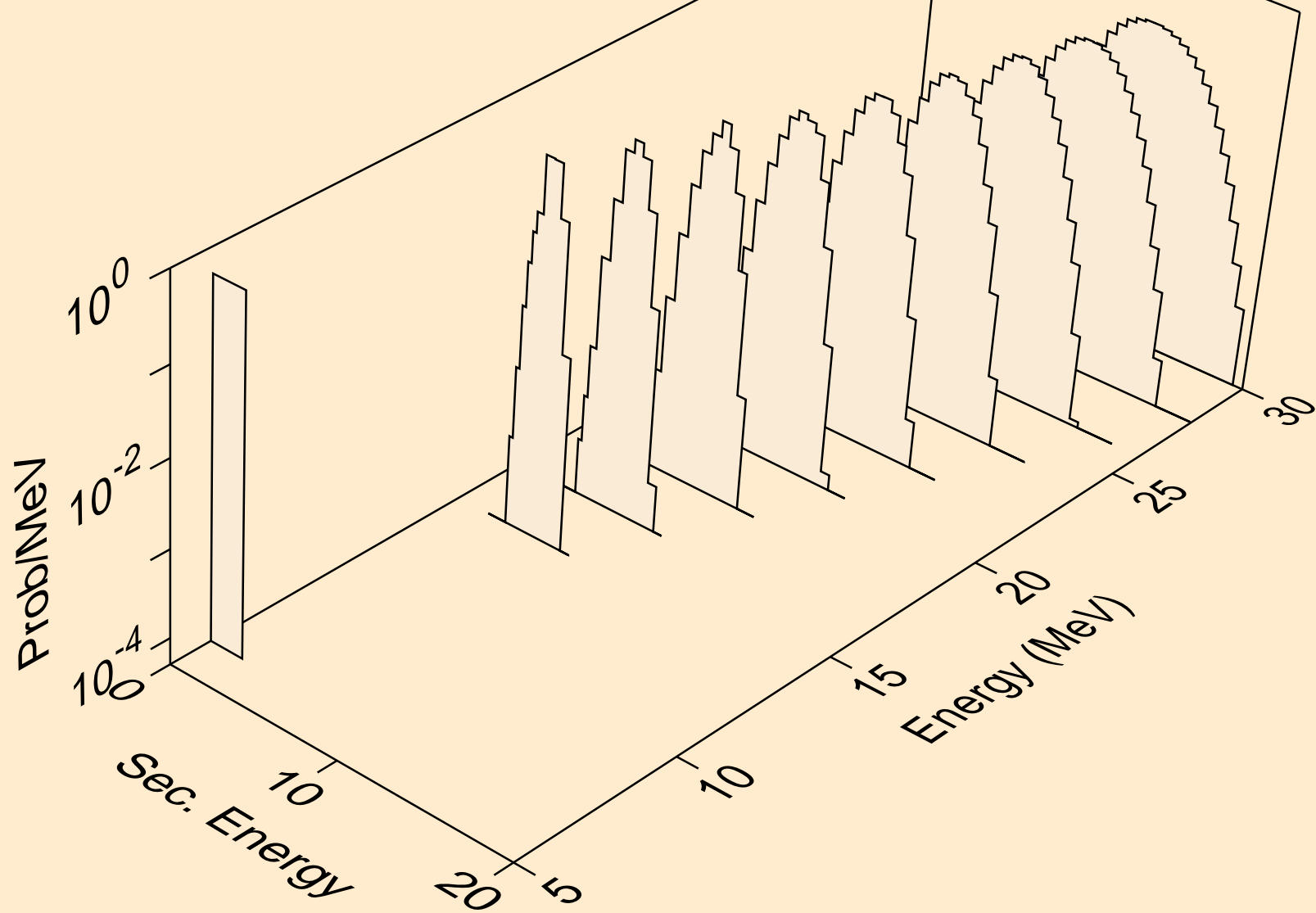


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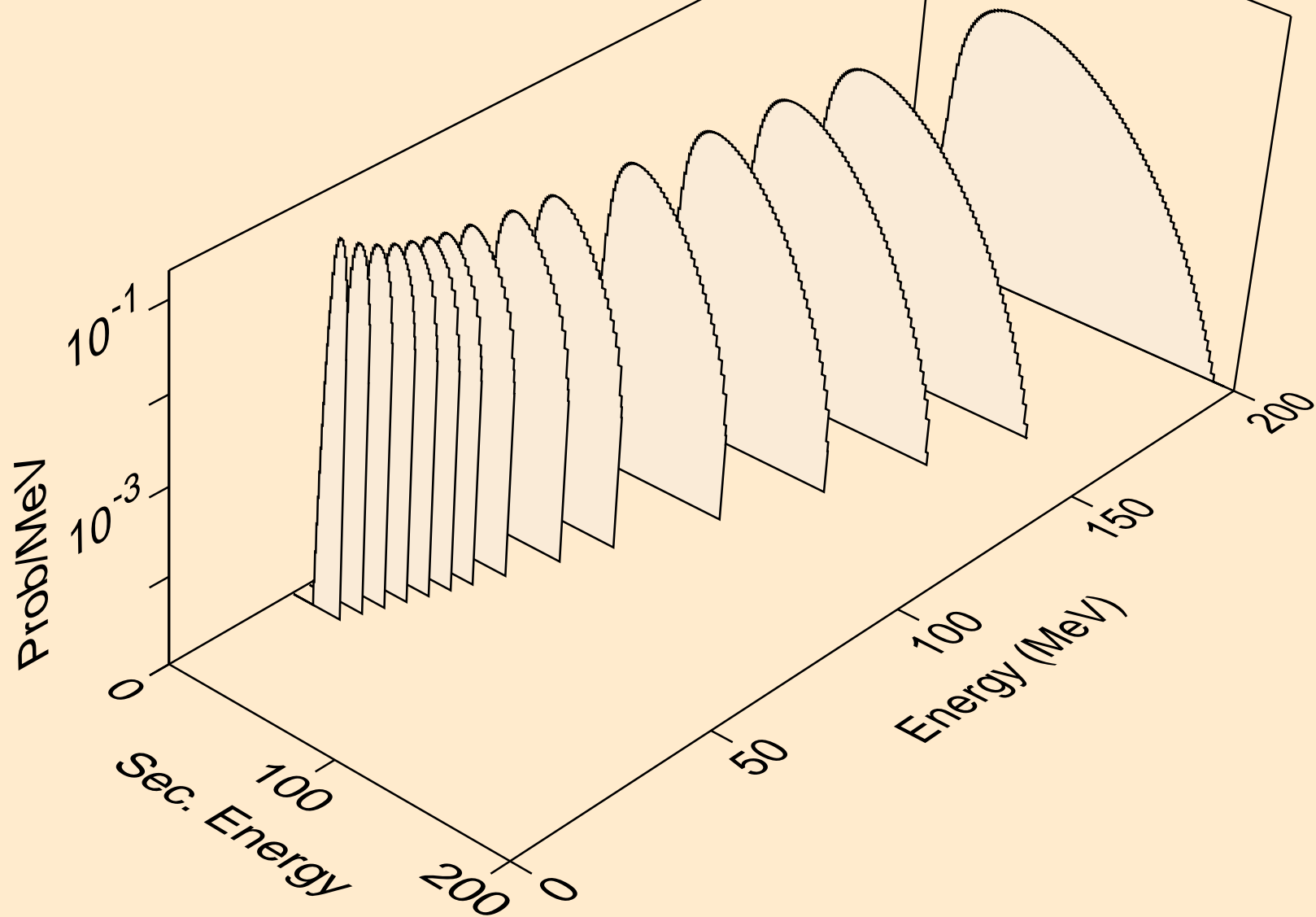




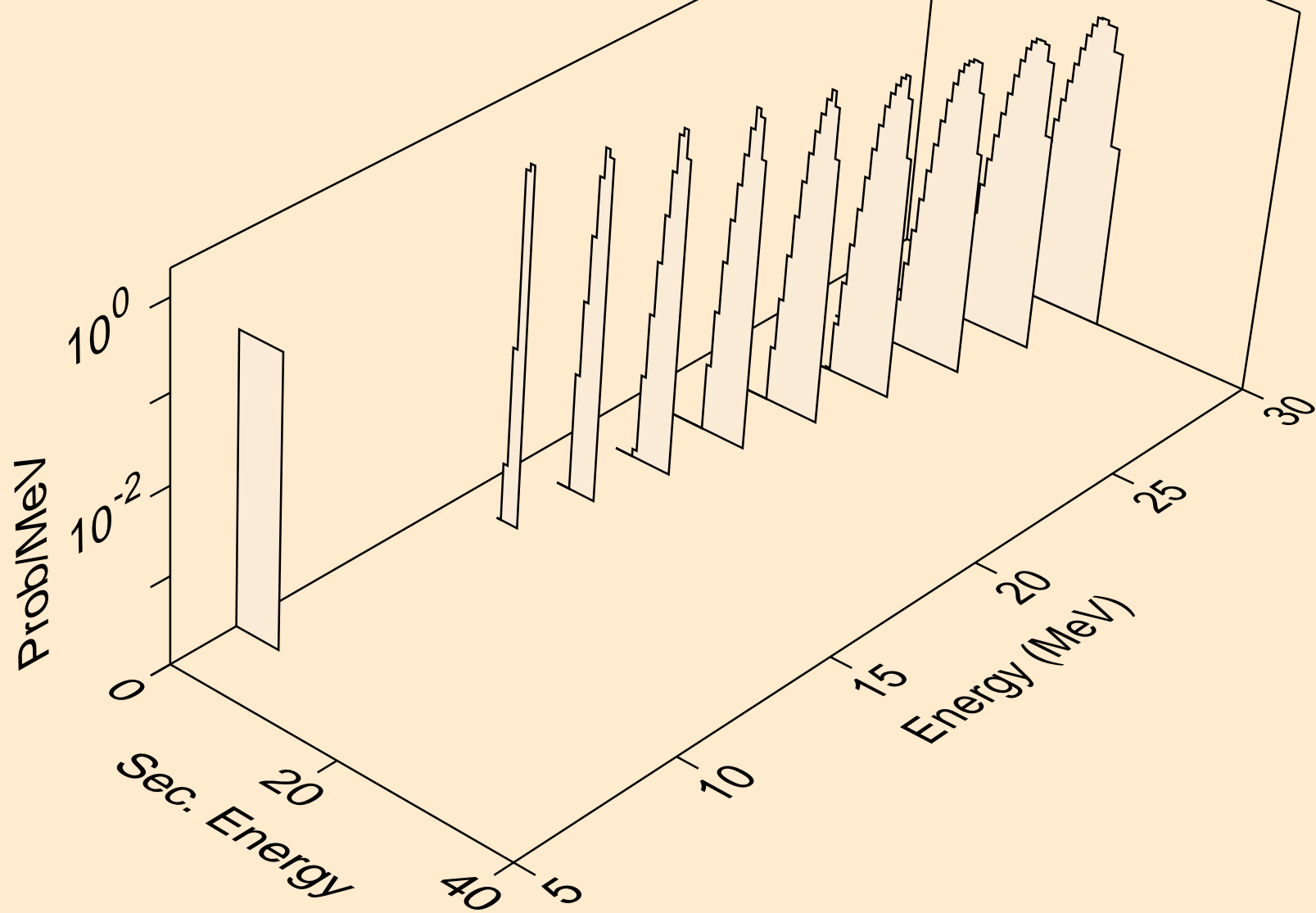
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tritons from (n,pt)



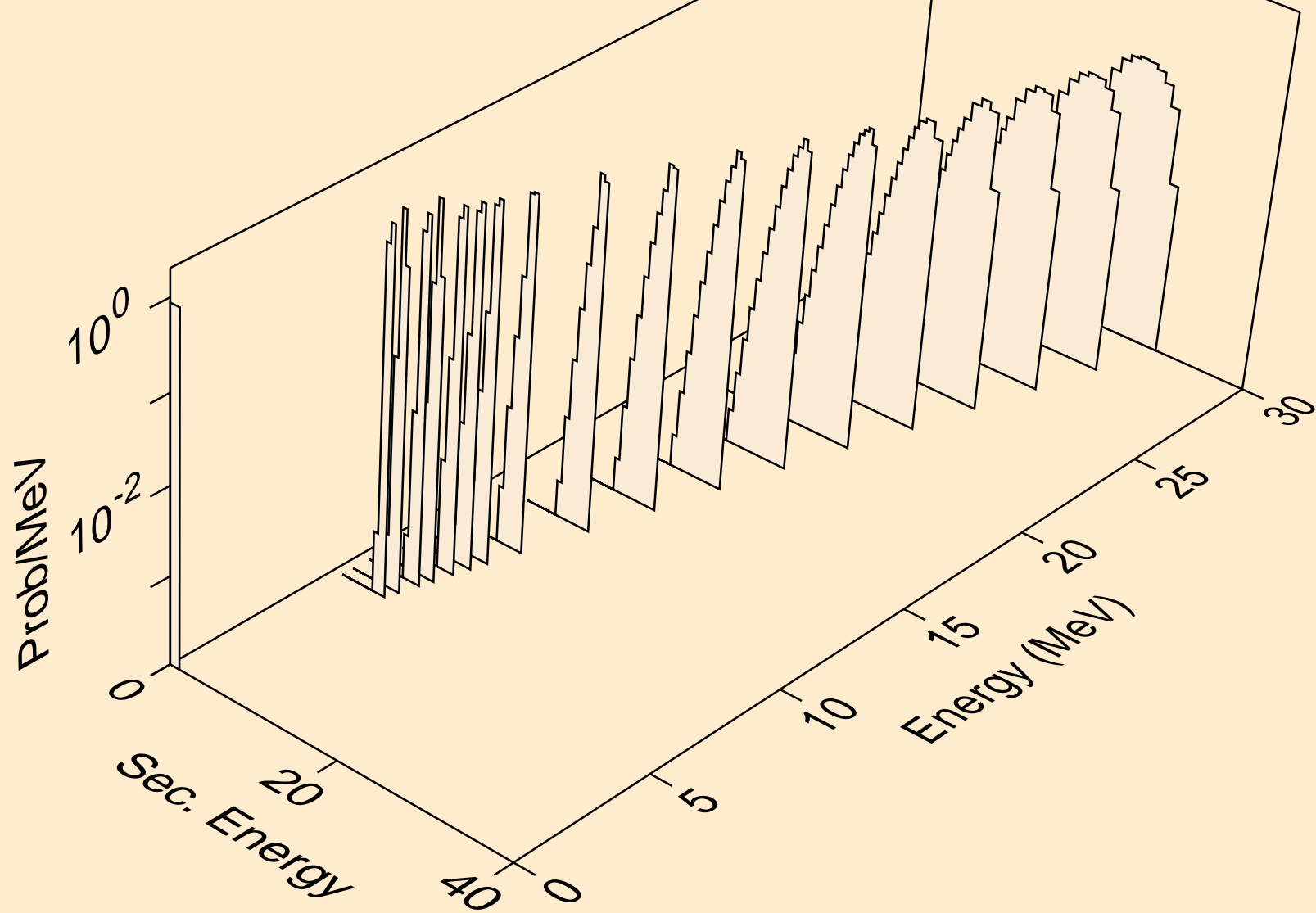
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he3s from (n,x)



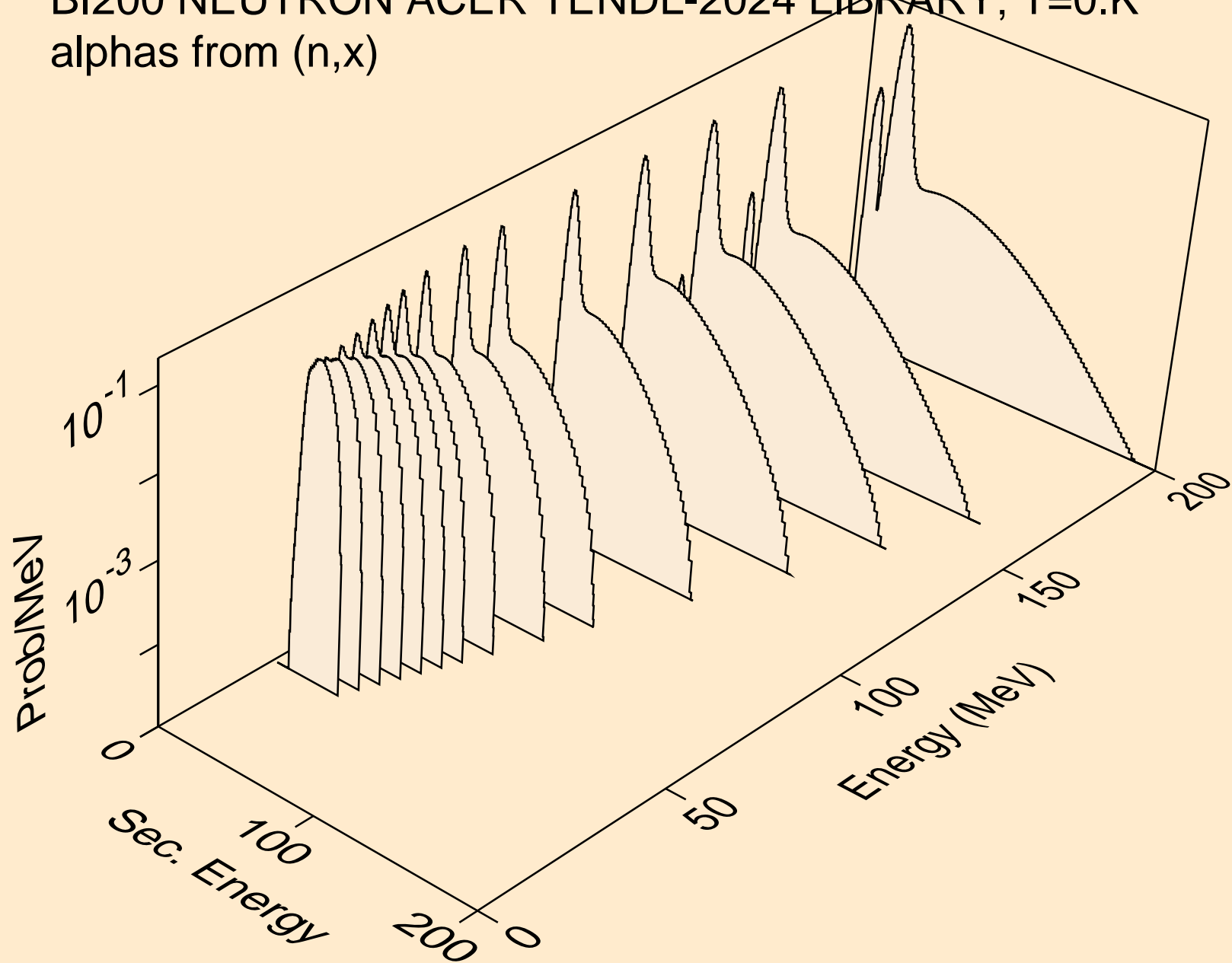
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he3s from (n,n\*)he3



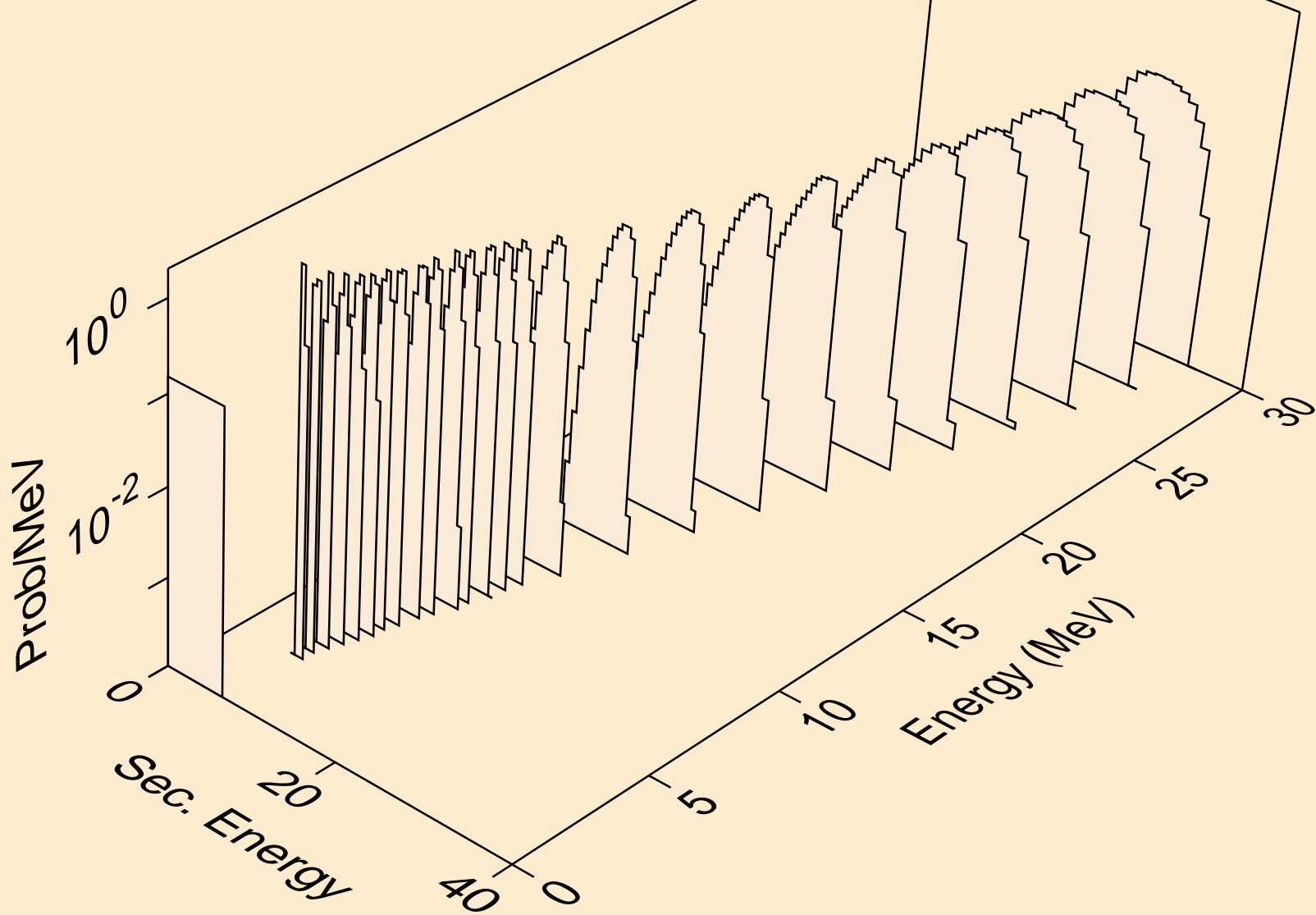
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he3s from (n,he3)



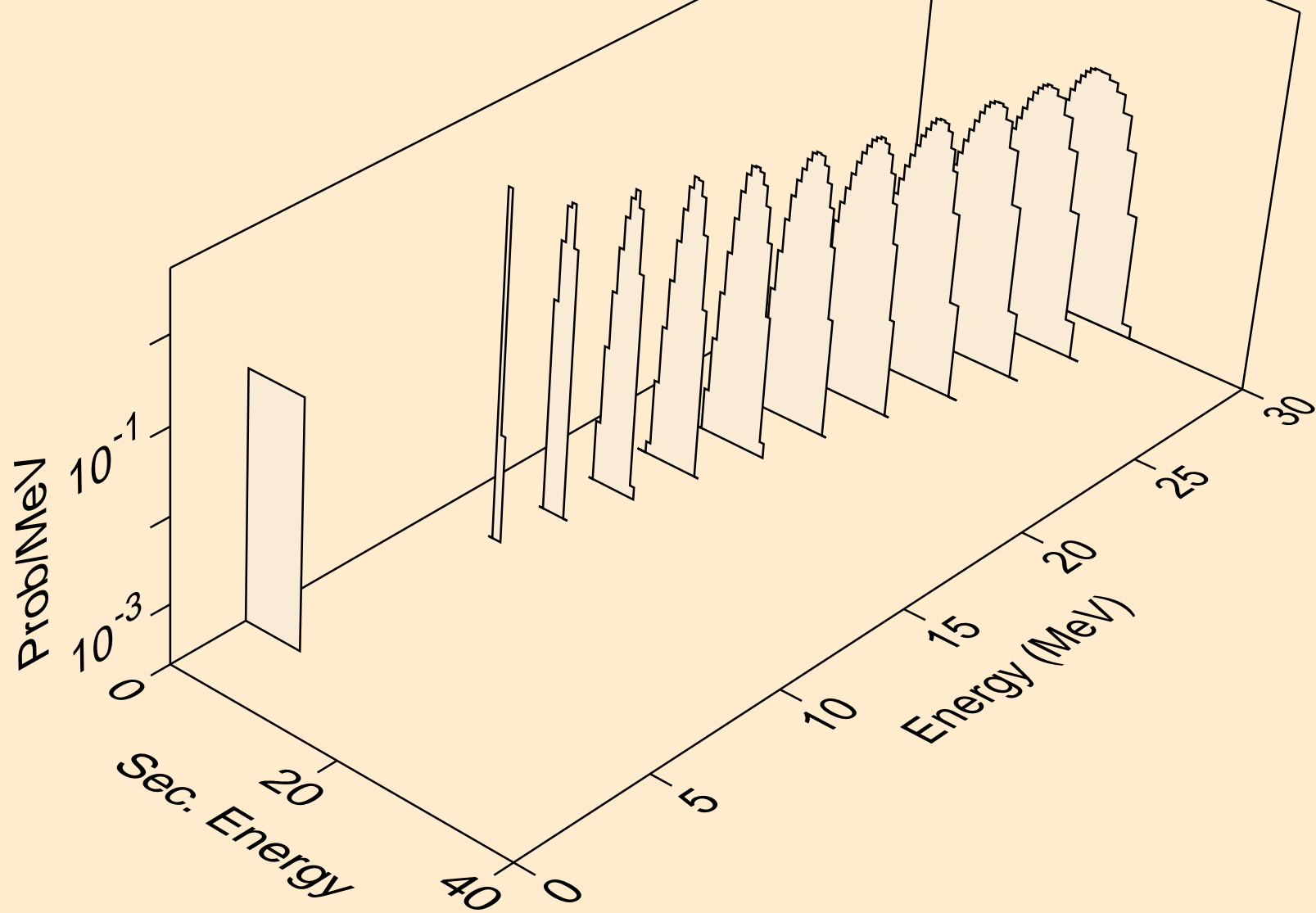
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alphas from (n,x)



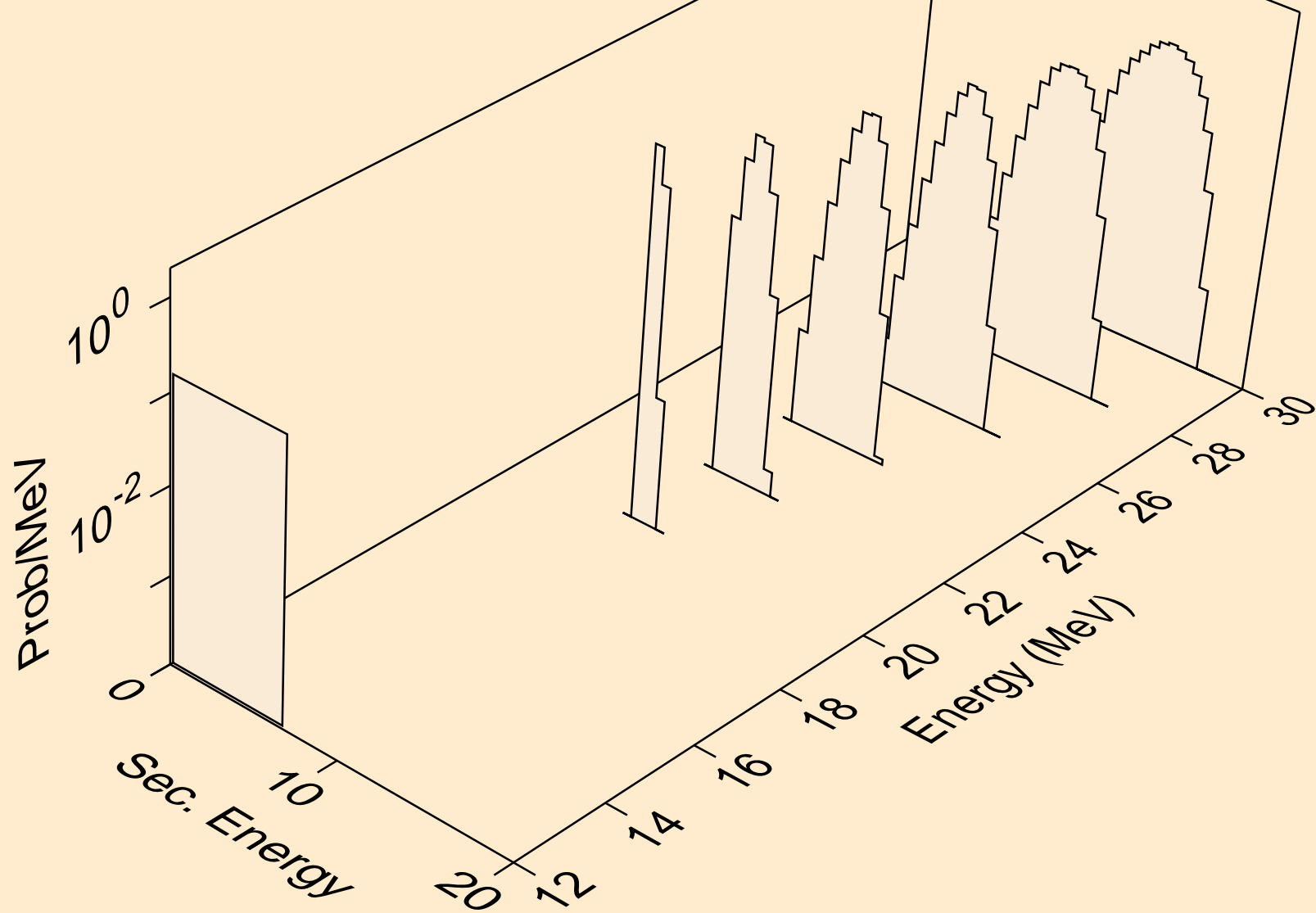
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

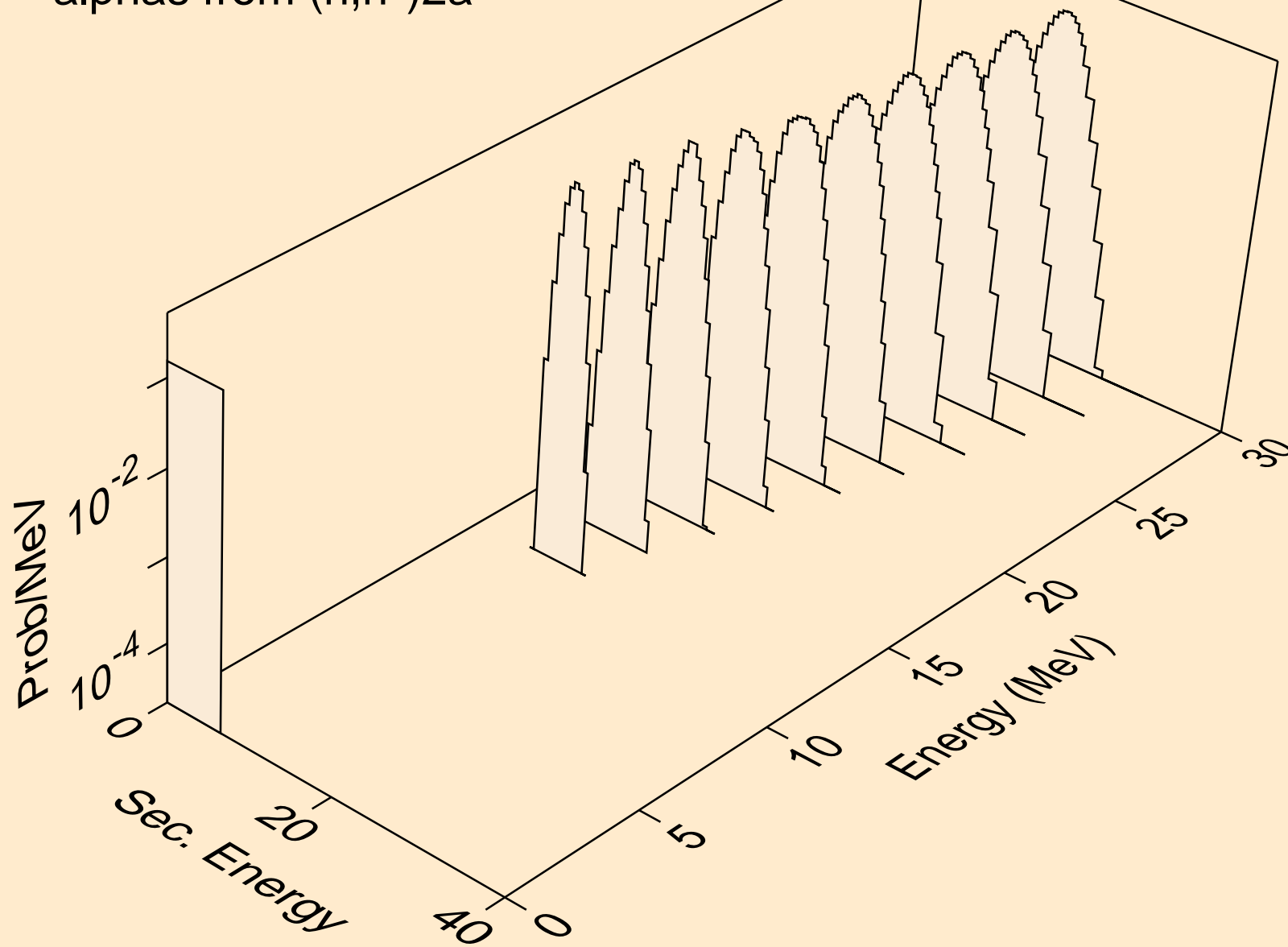


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alphas from (n,3n)a

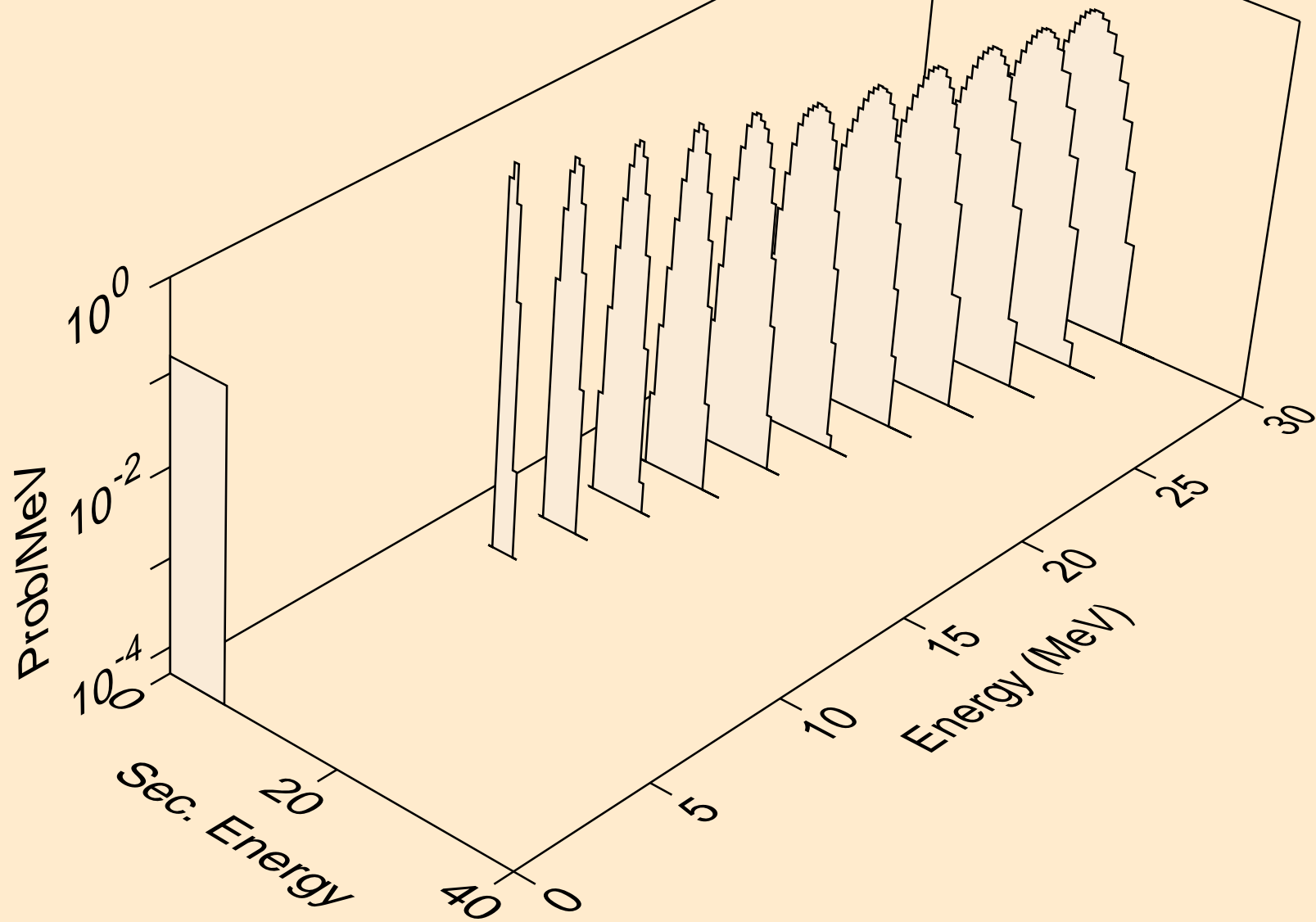




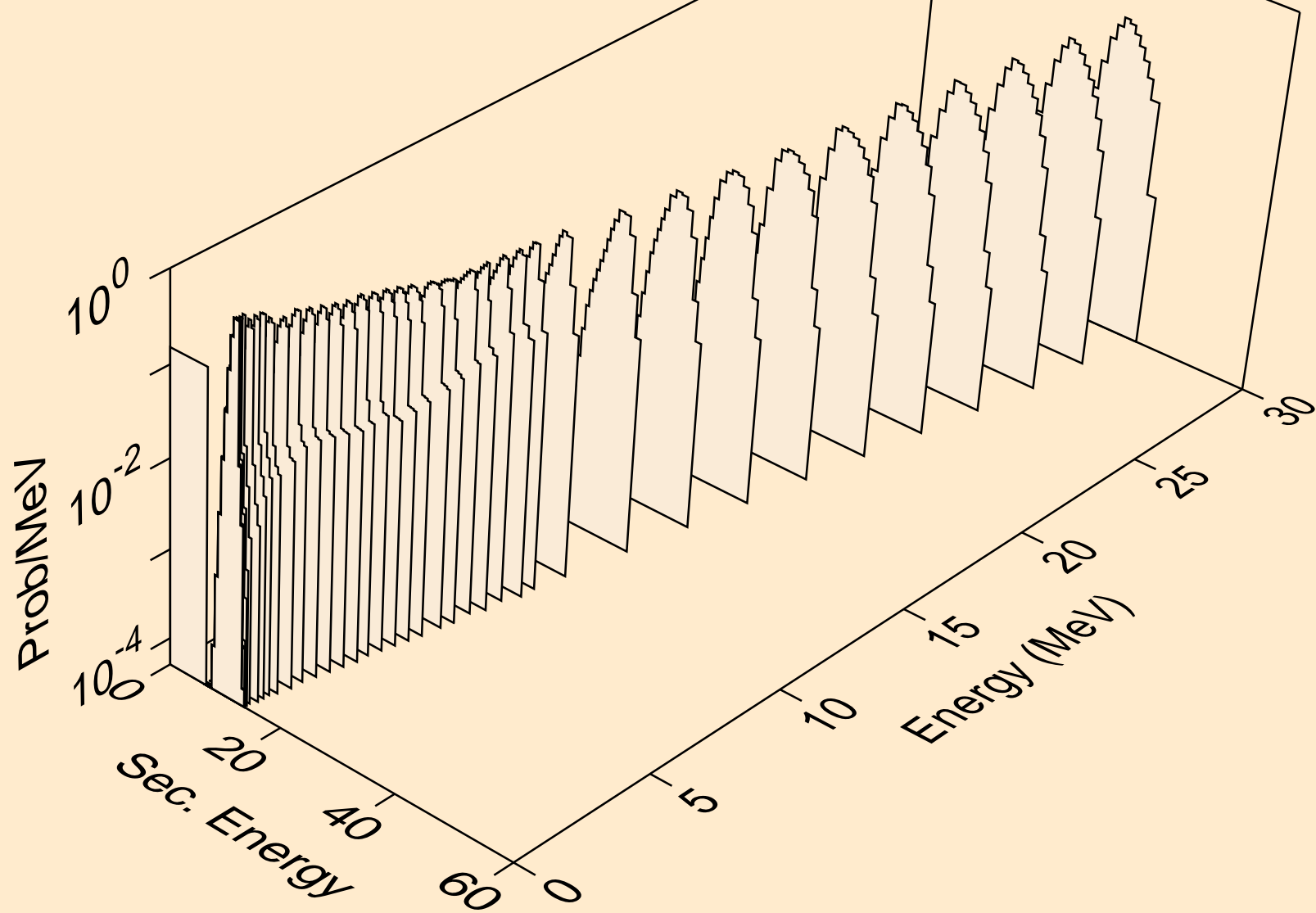
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



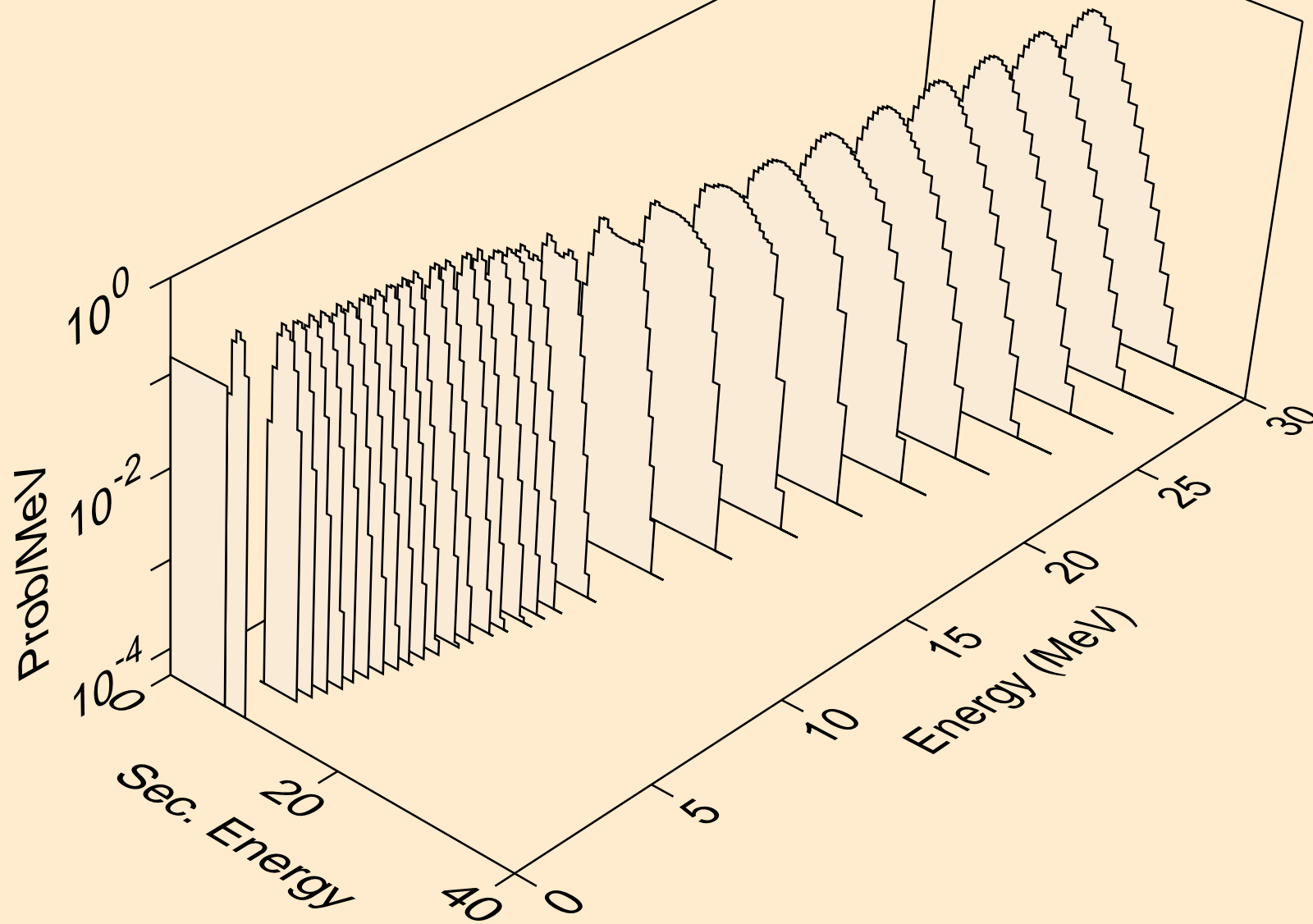
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



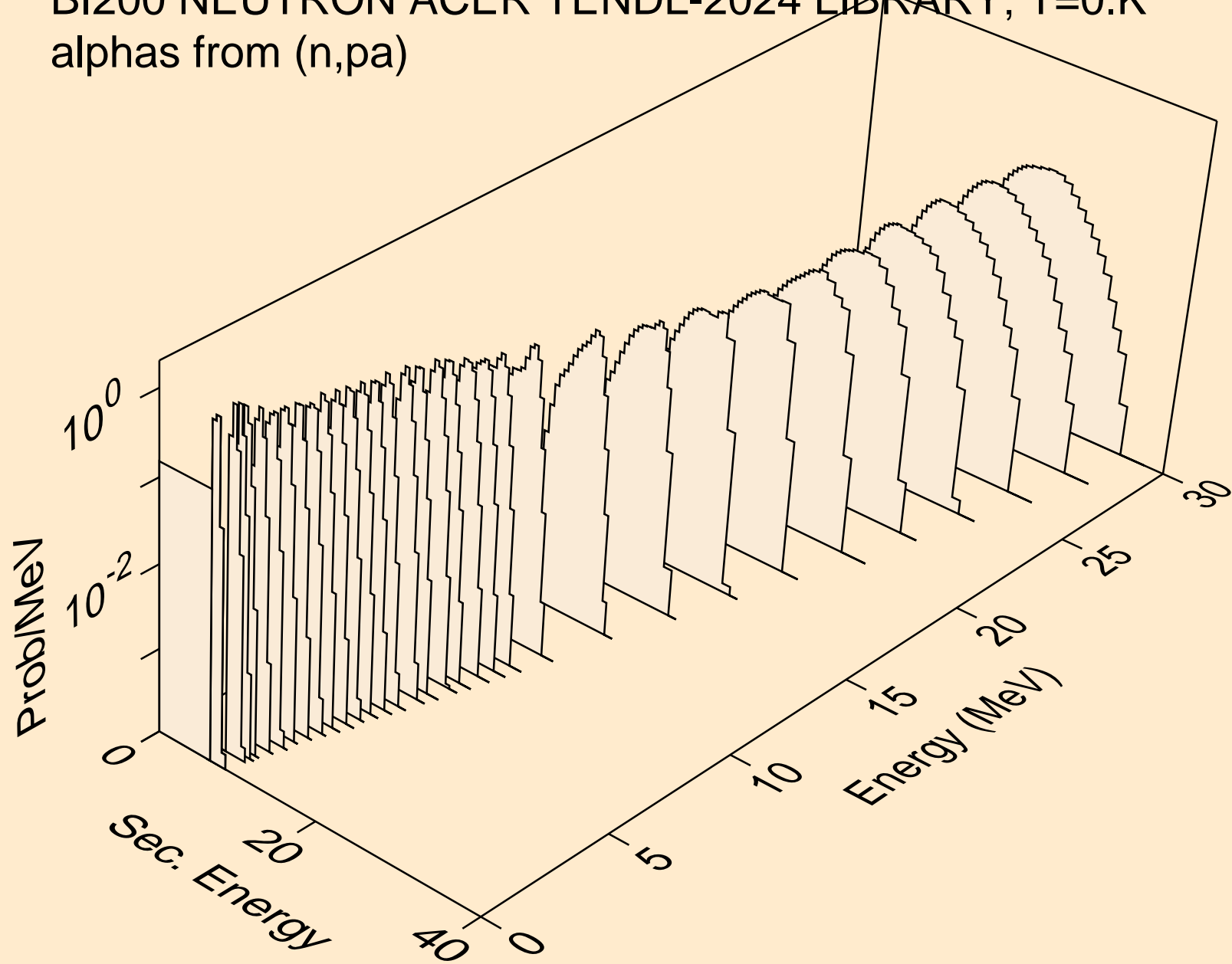
BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



BI200 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

