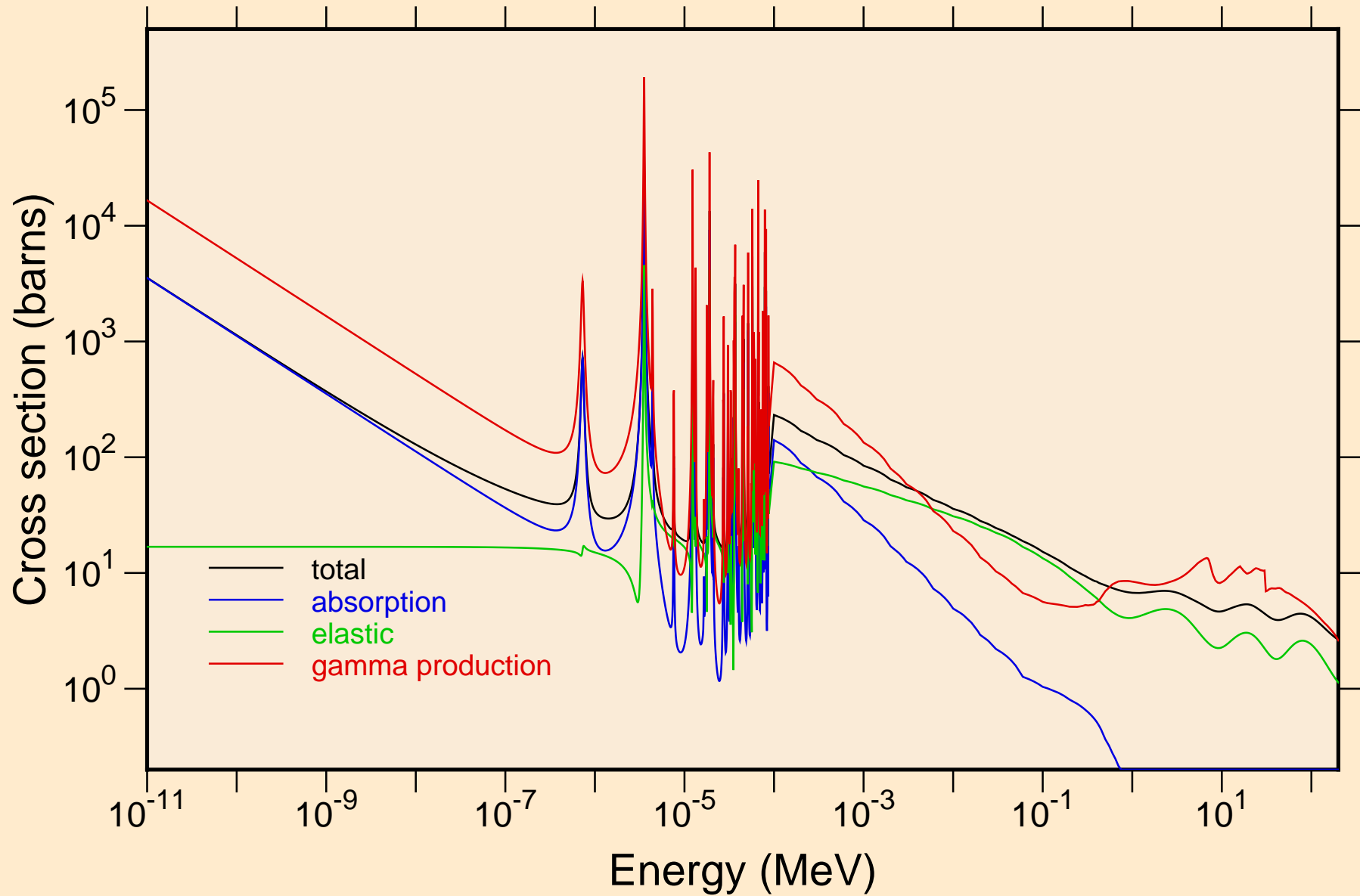
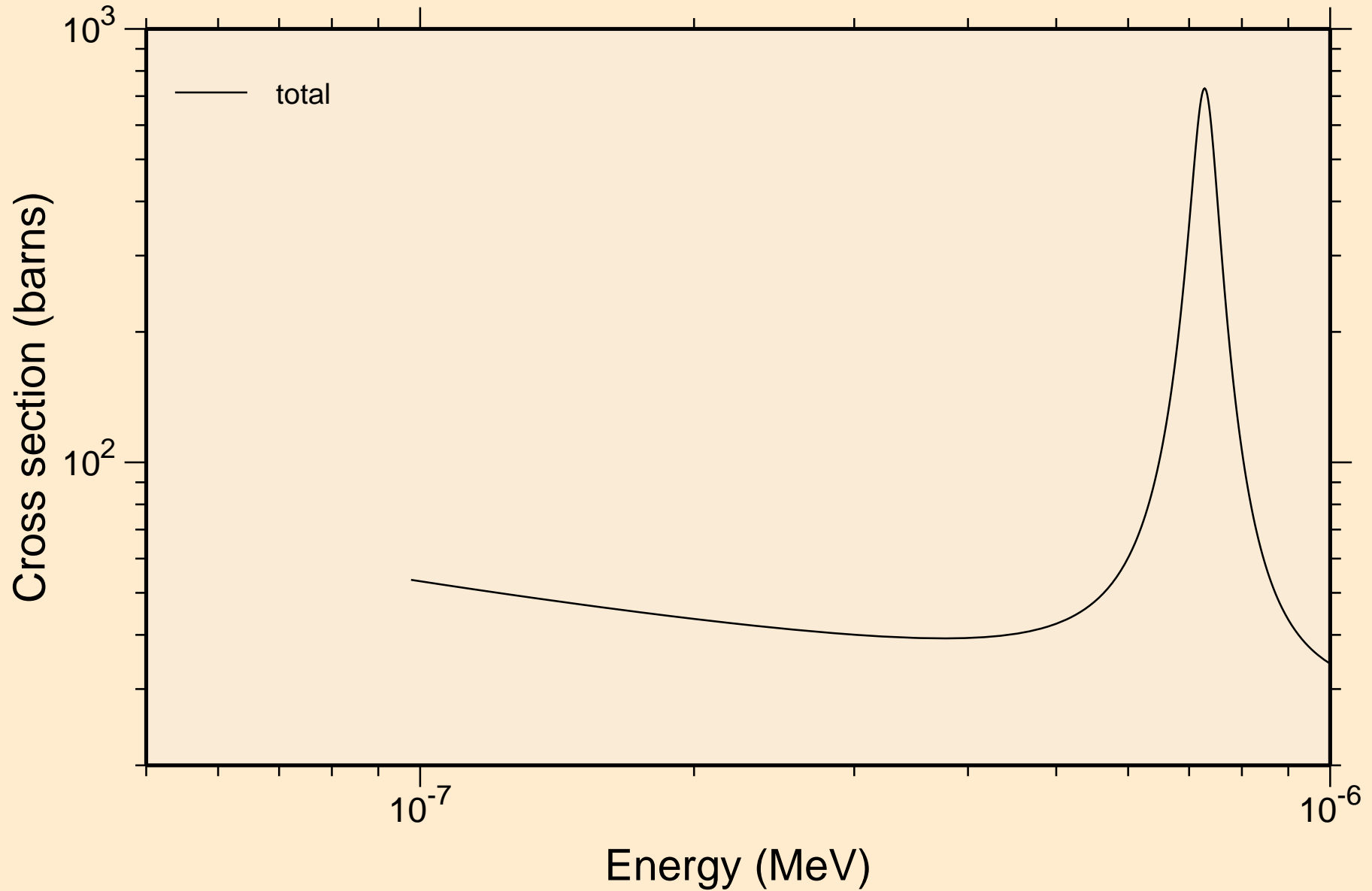


# LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

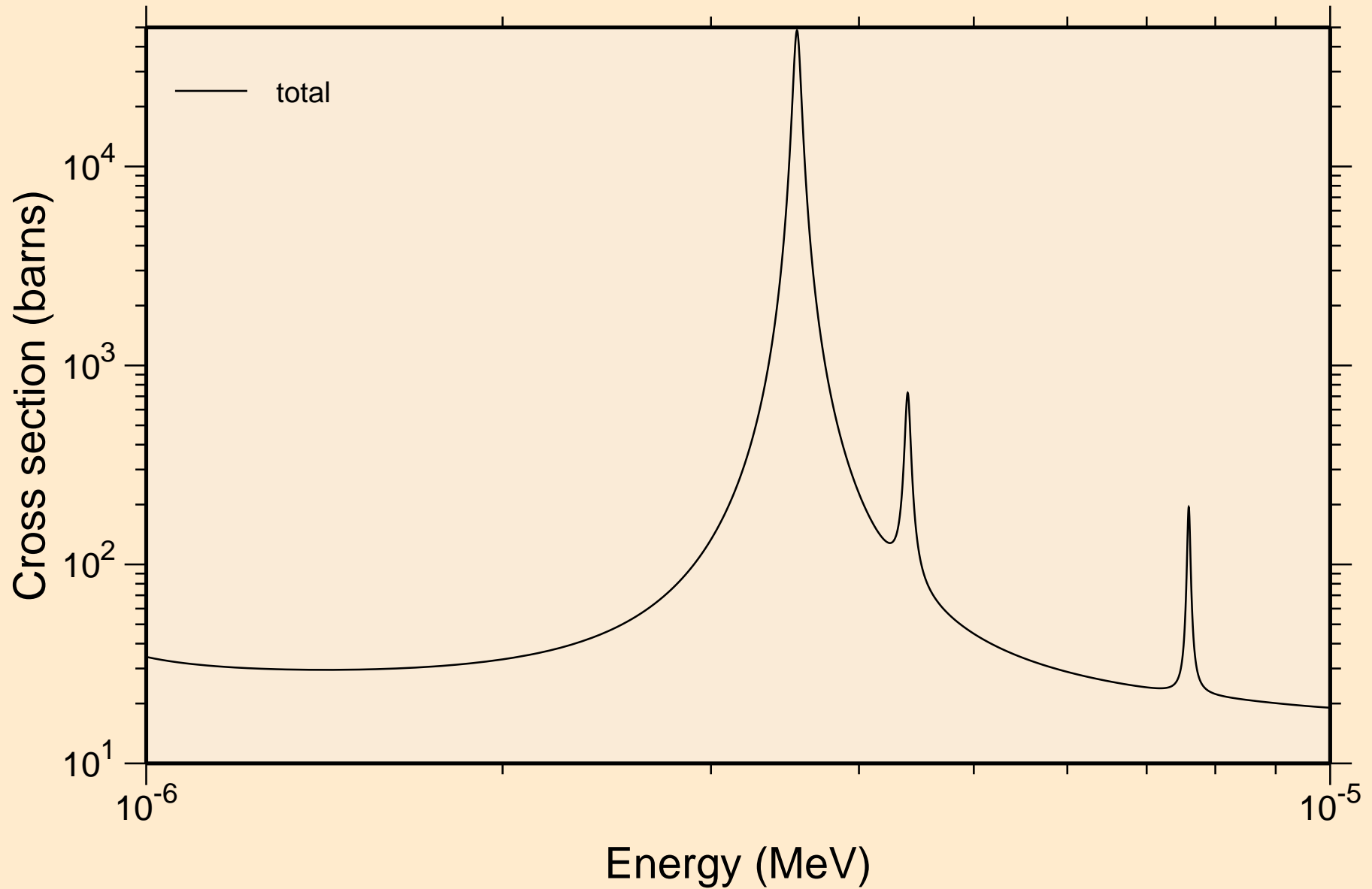
## Principal cross sections



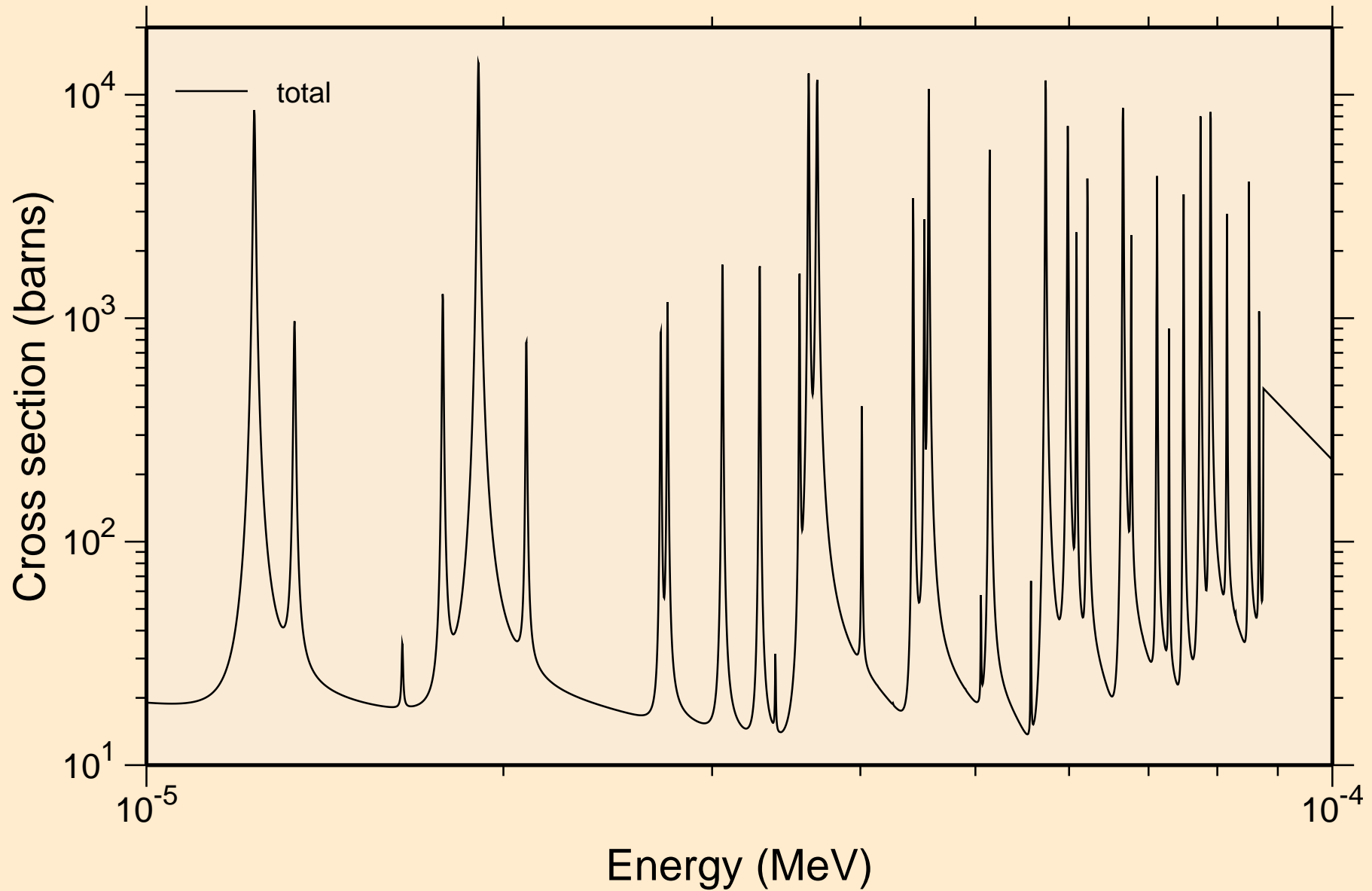
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



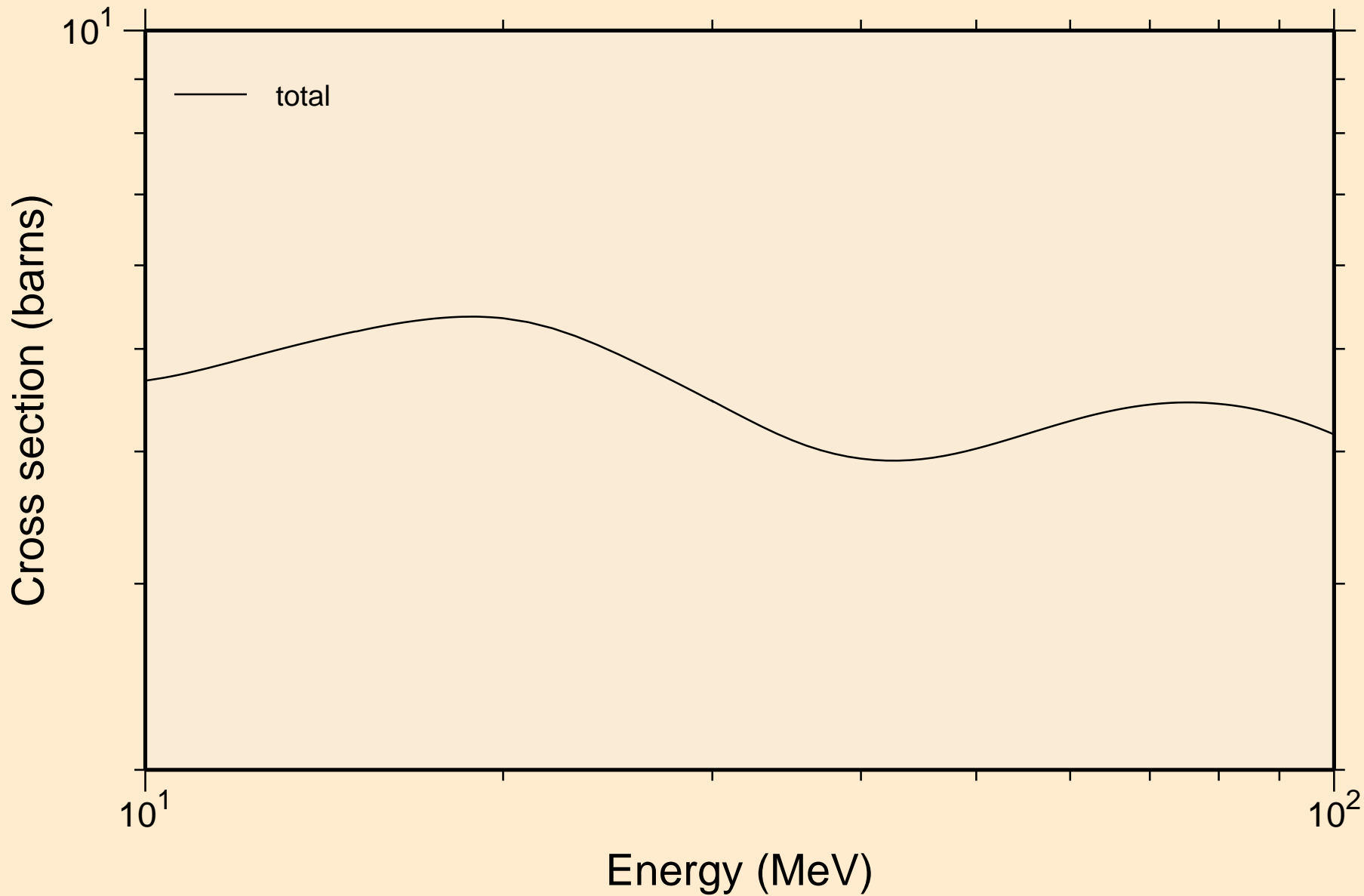
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



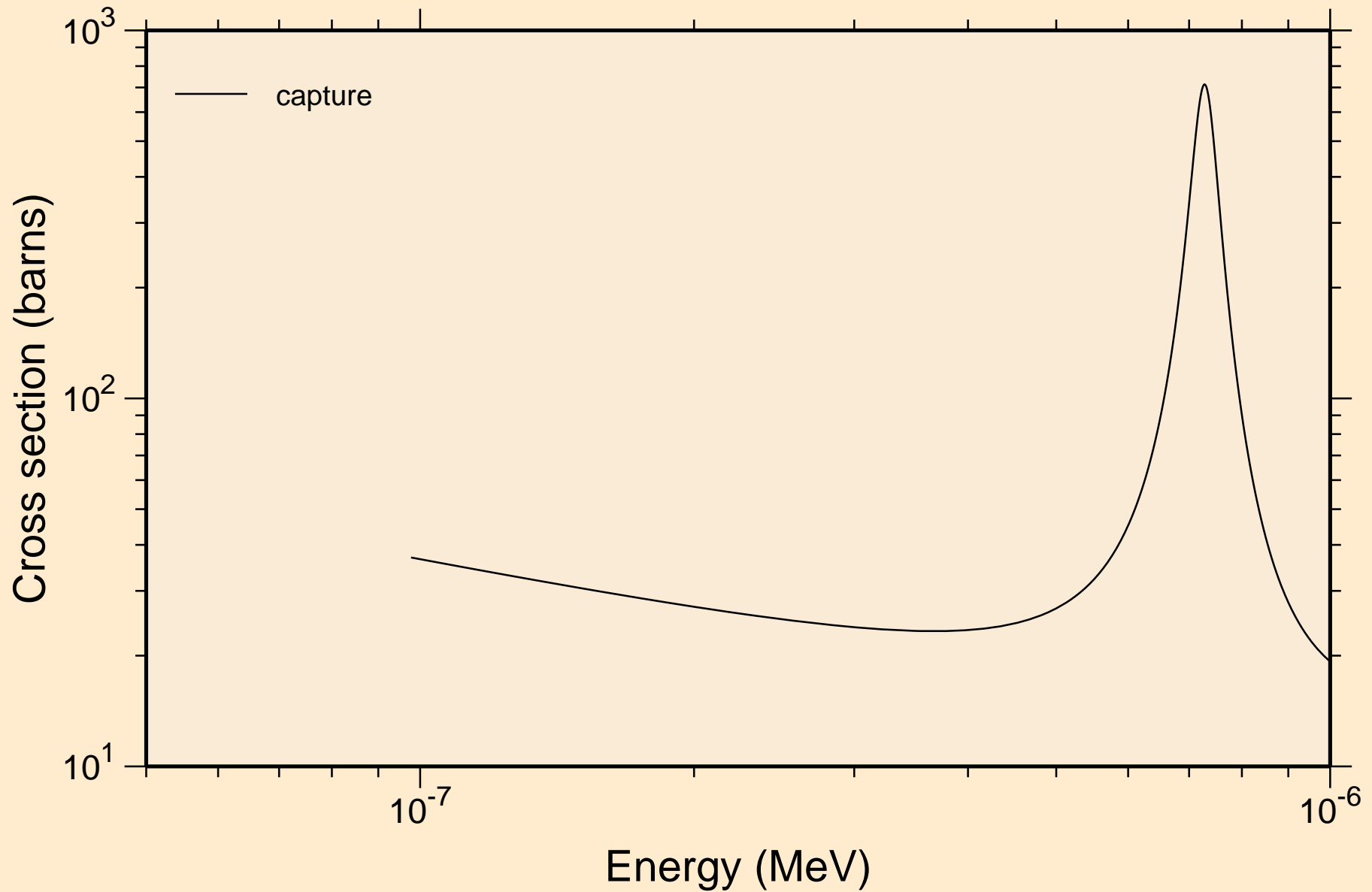
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



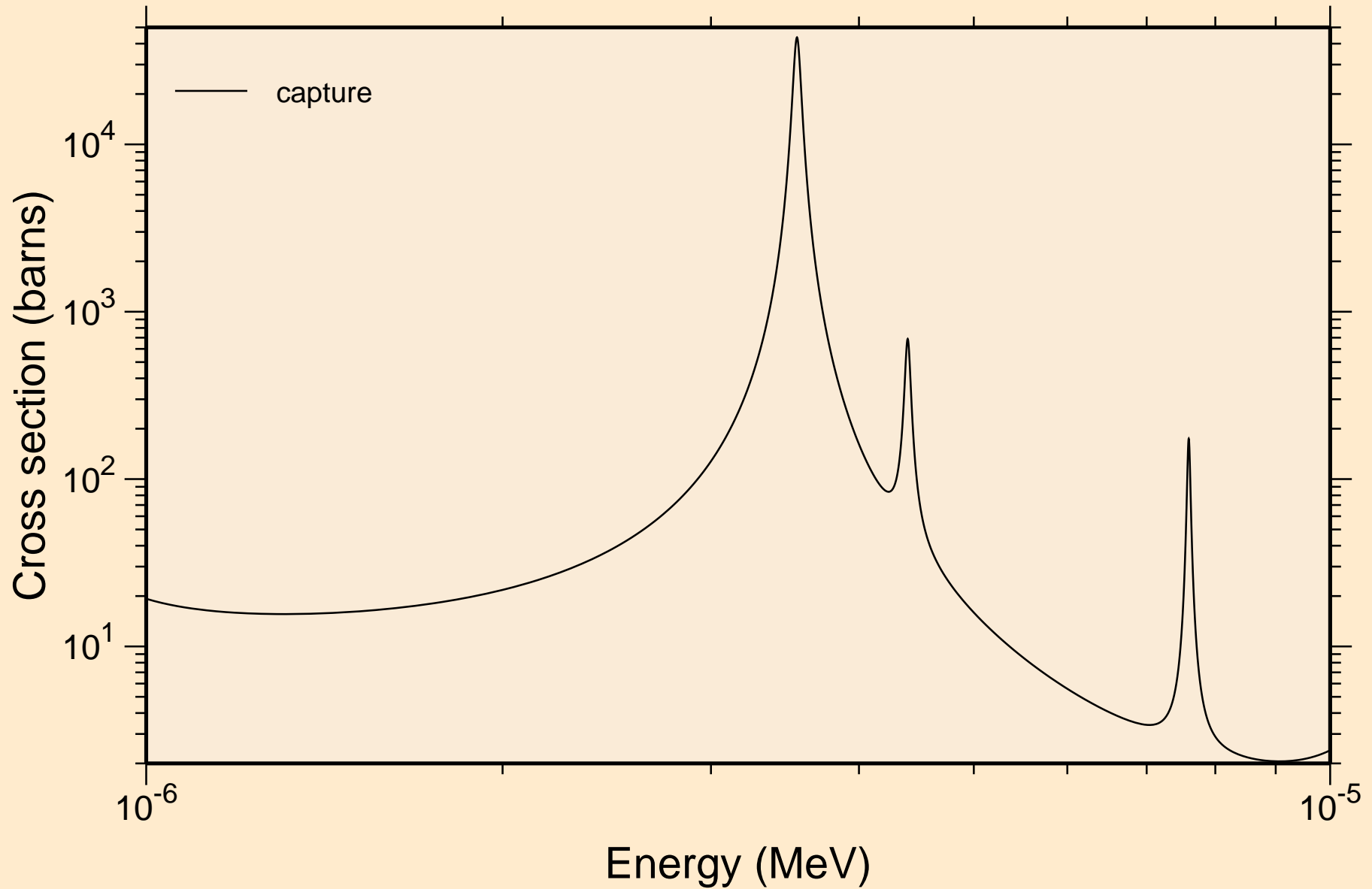
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



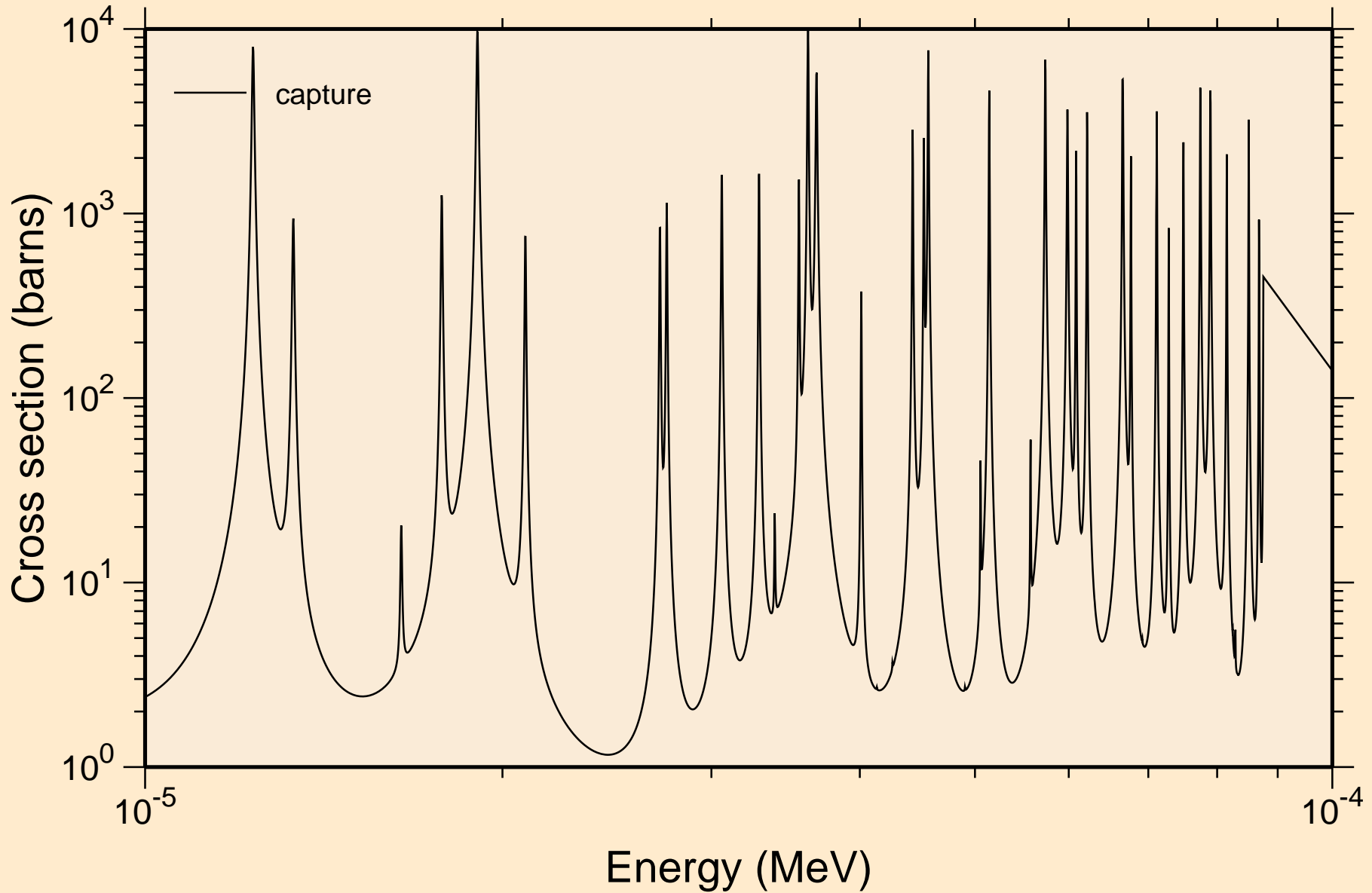
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

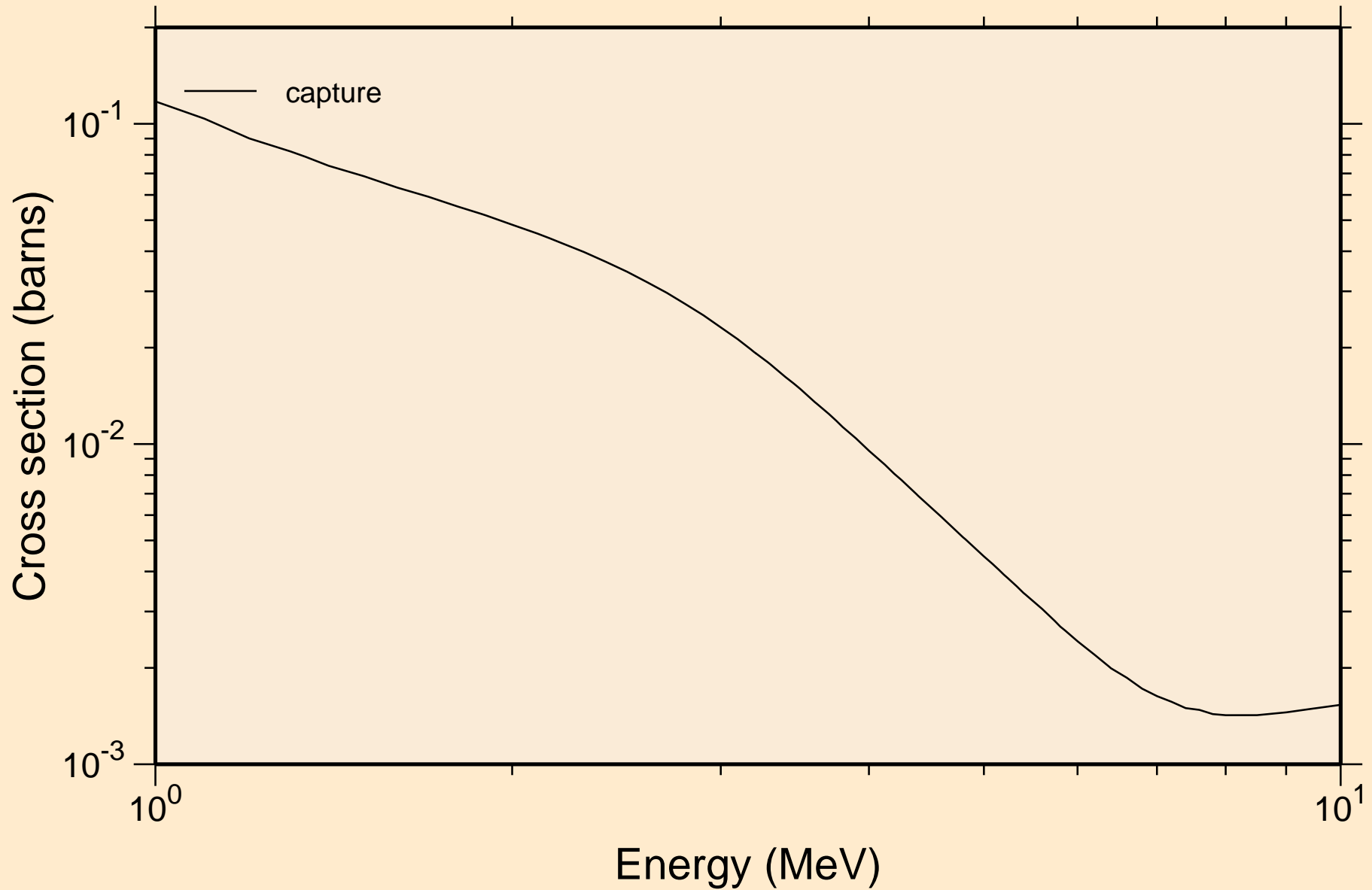


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

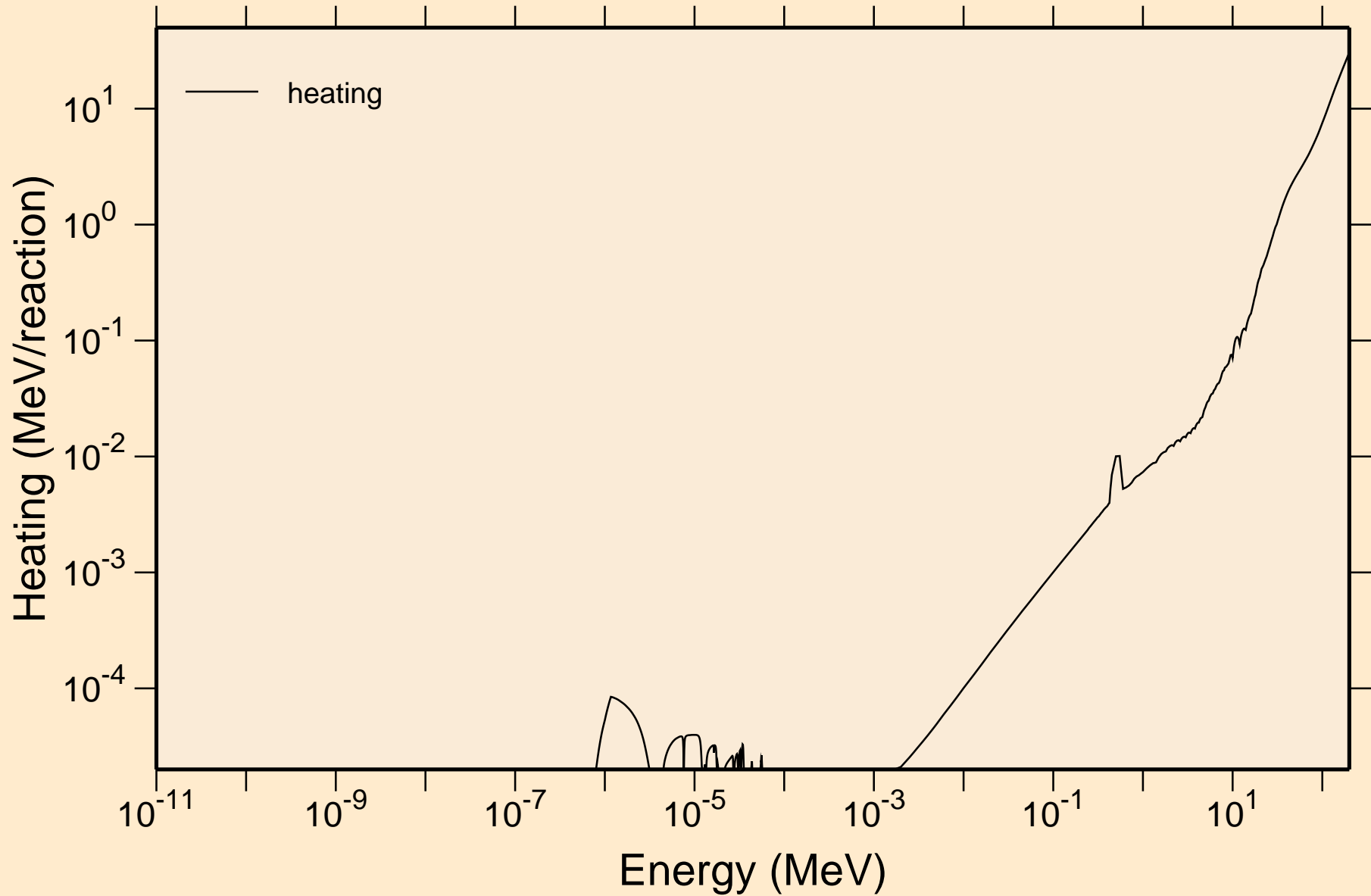




LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

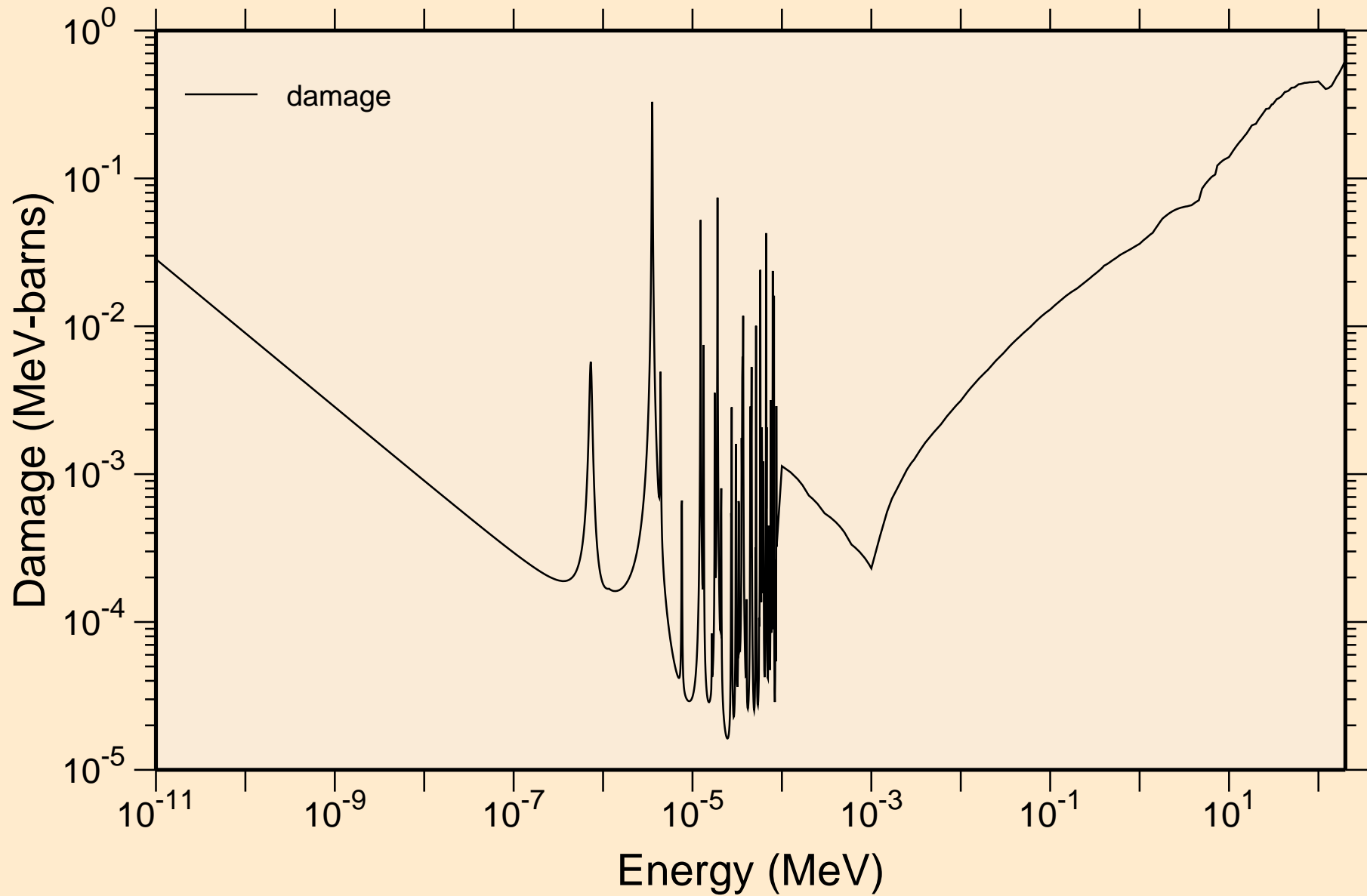


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

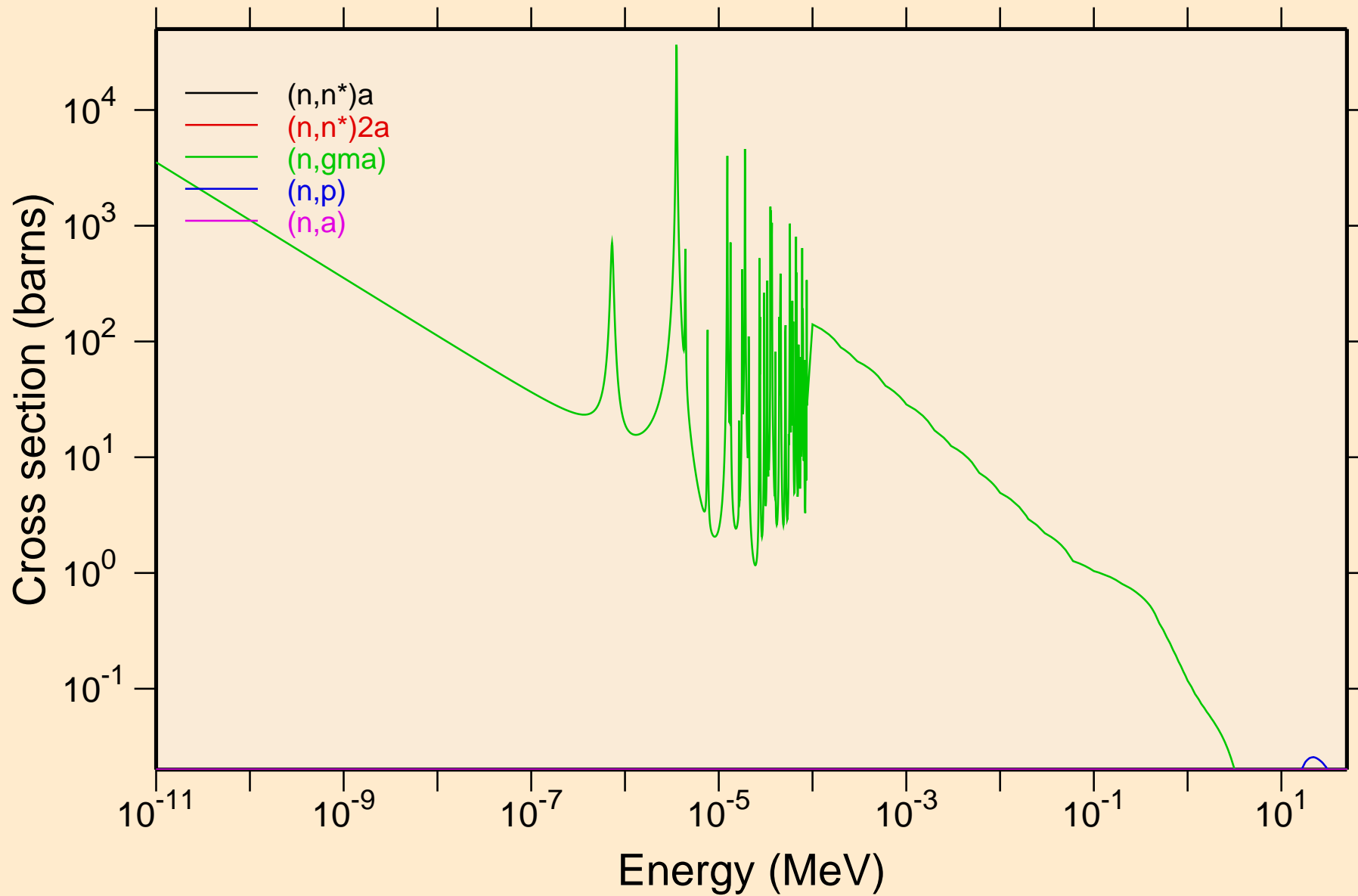


# LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

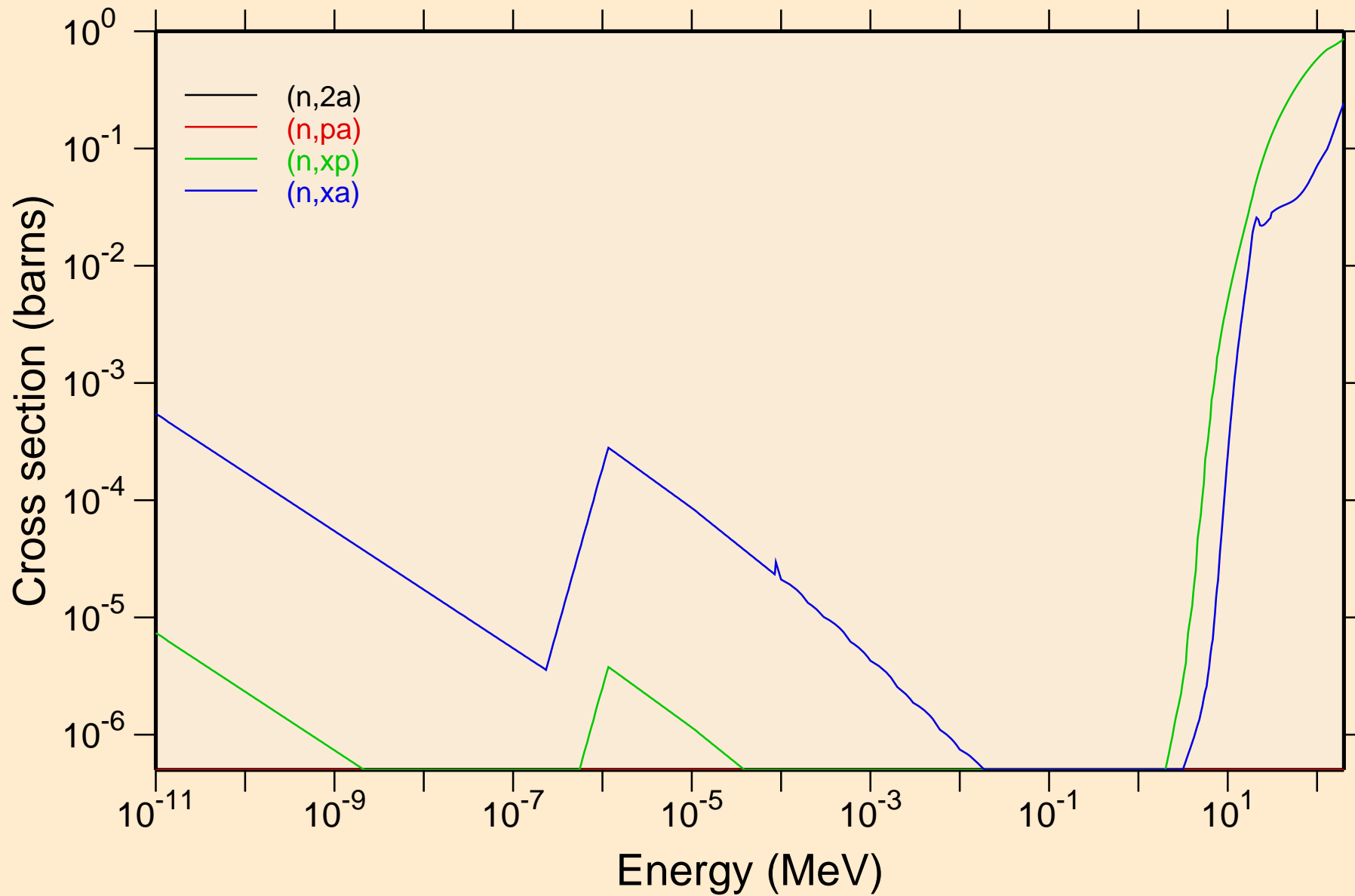
## Damage



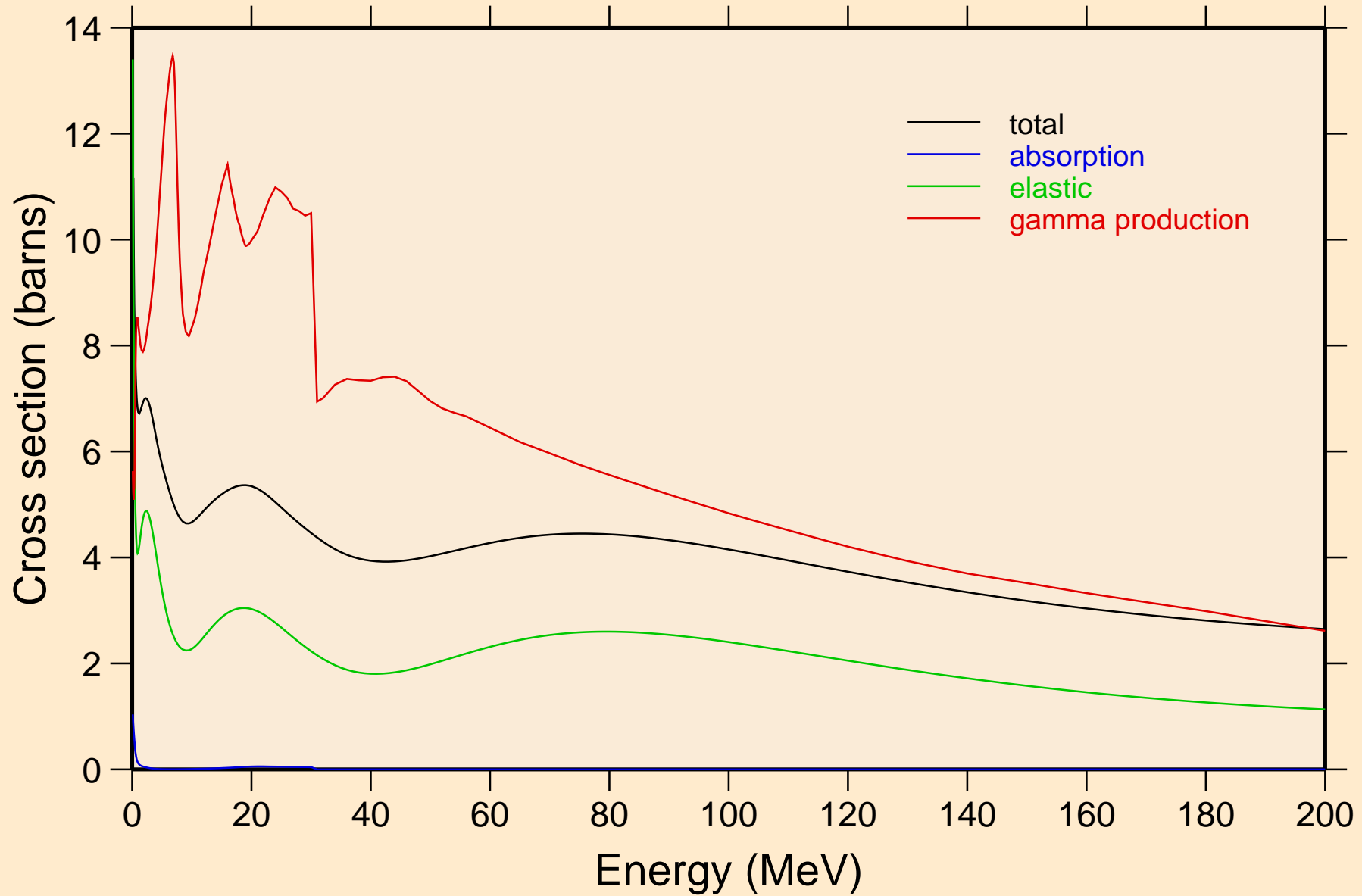
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

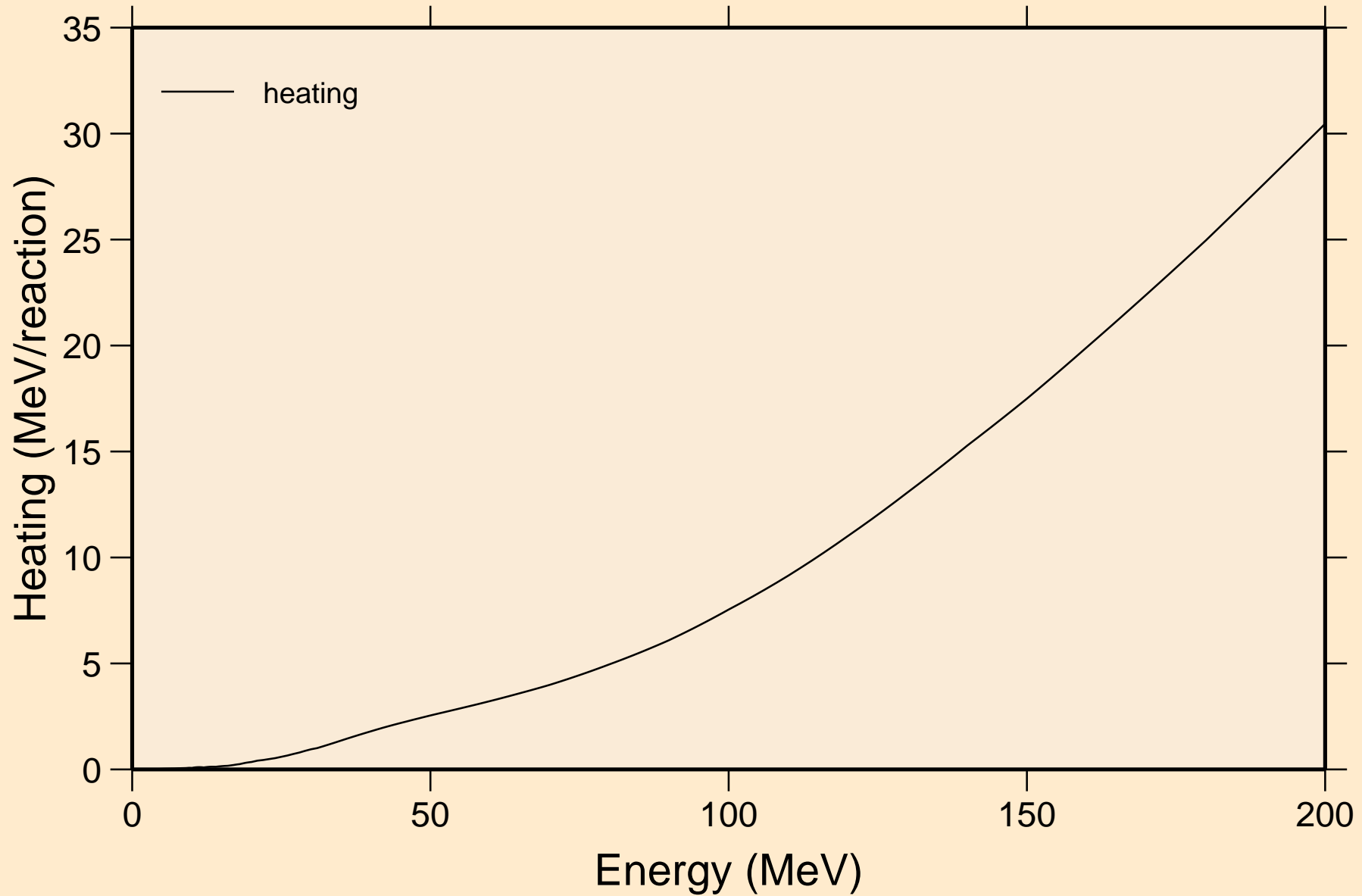


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

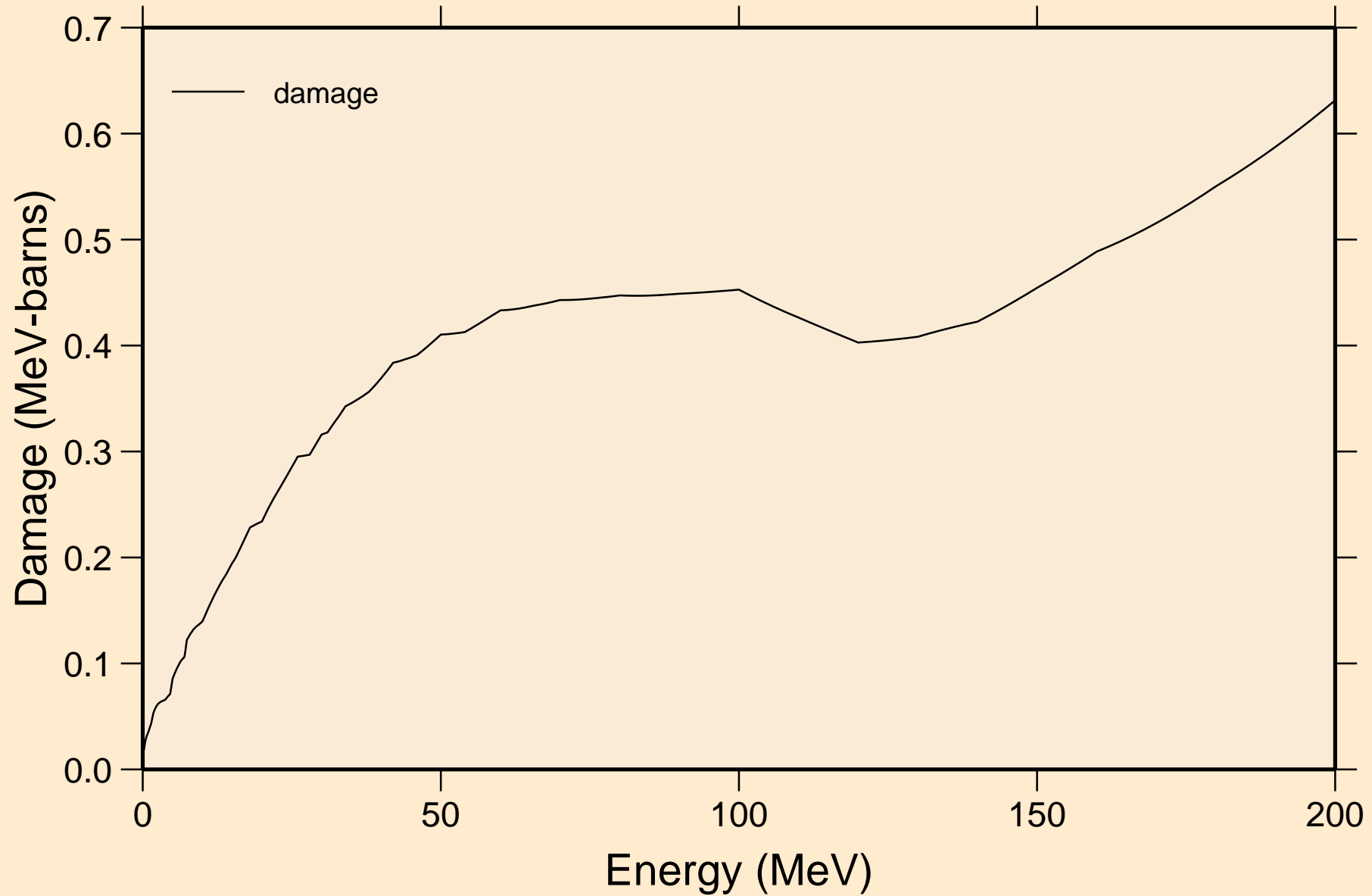


# LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

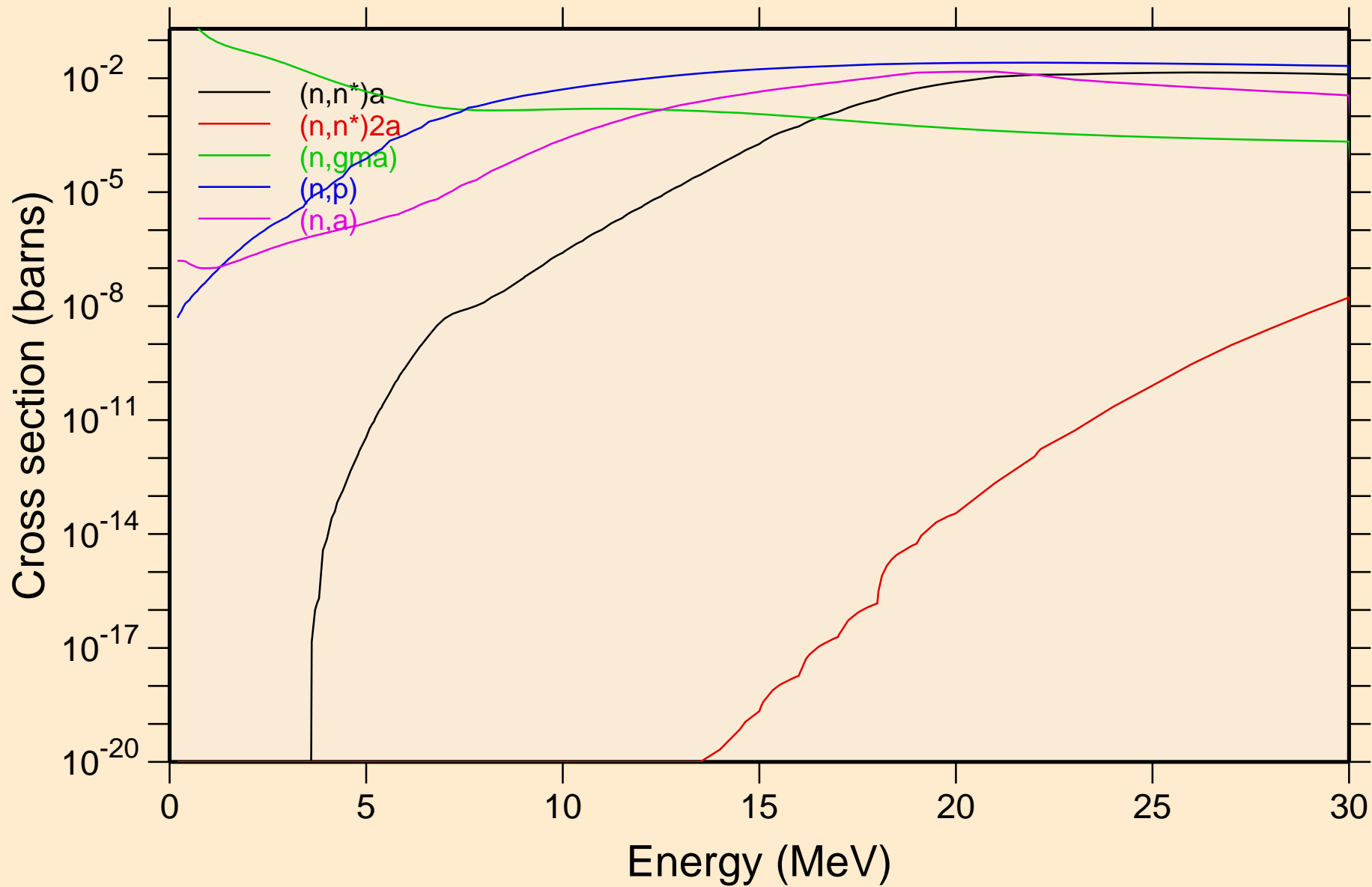


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

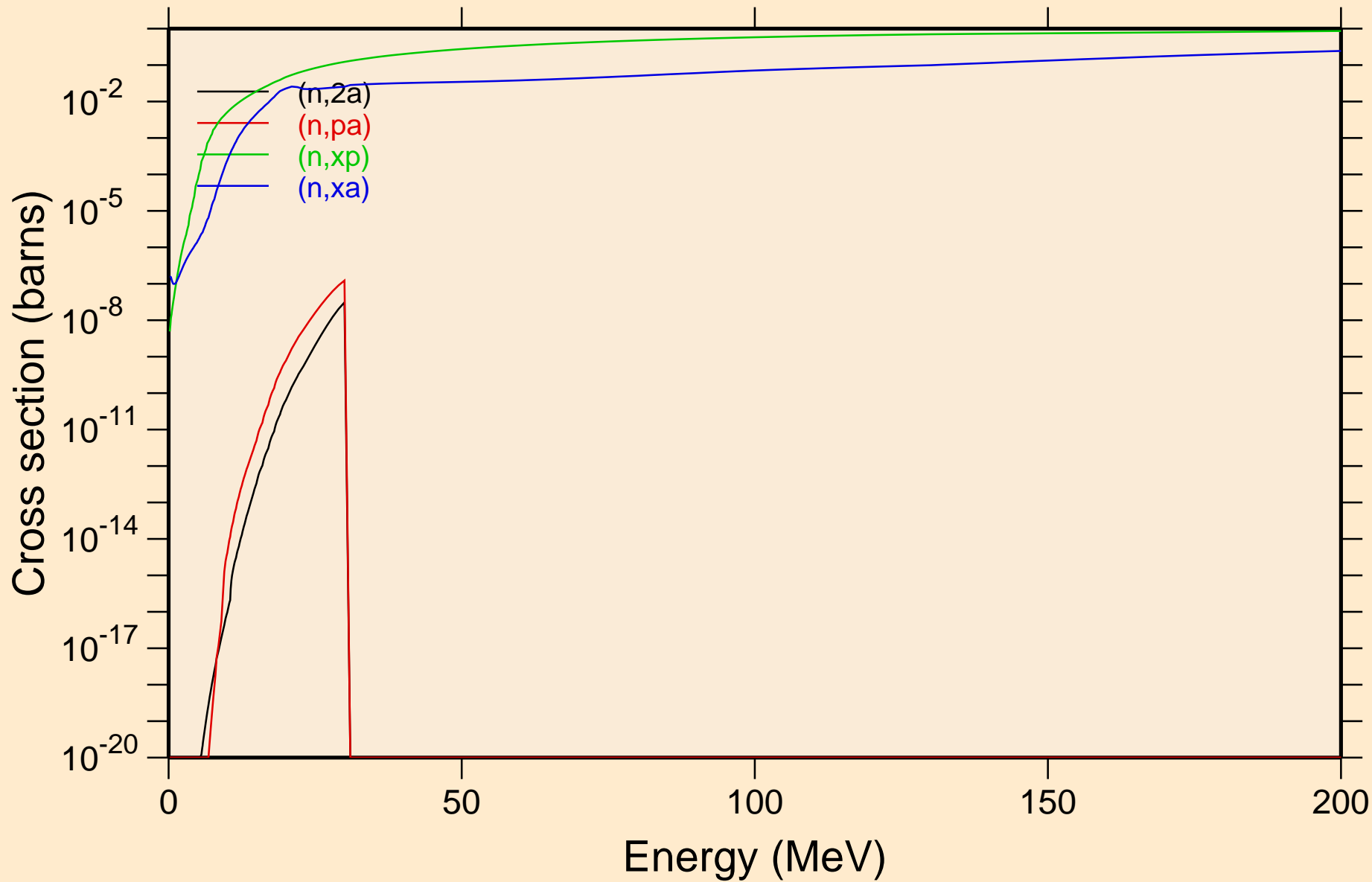




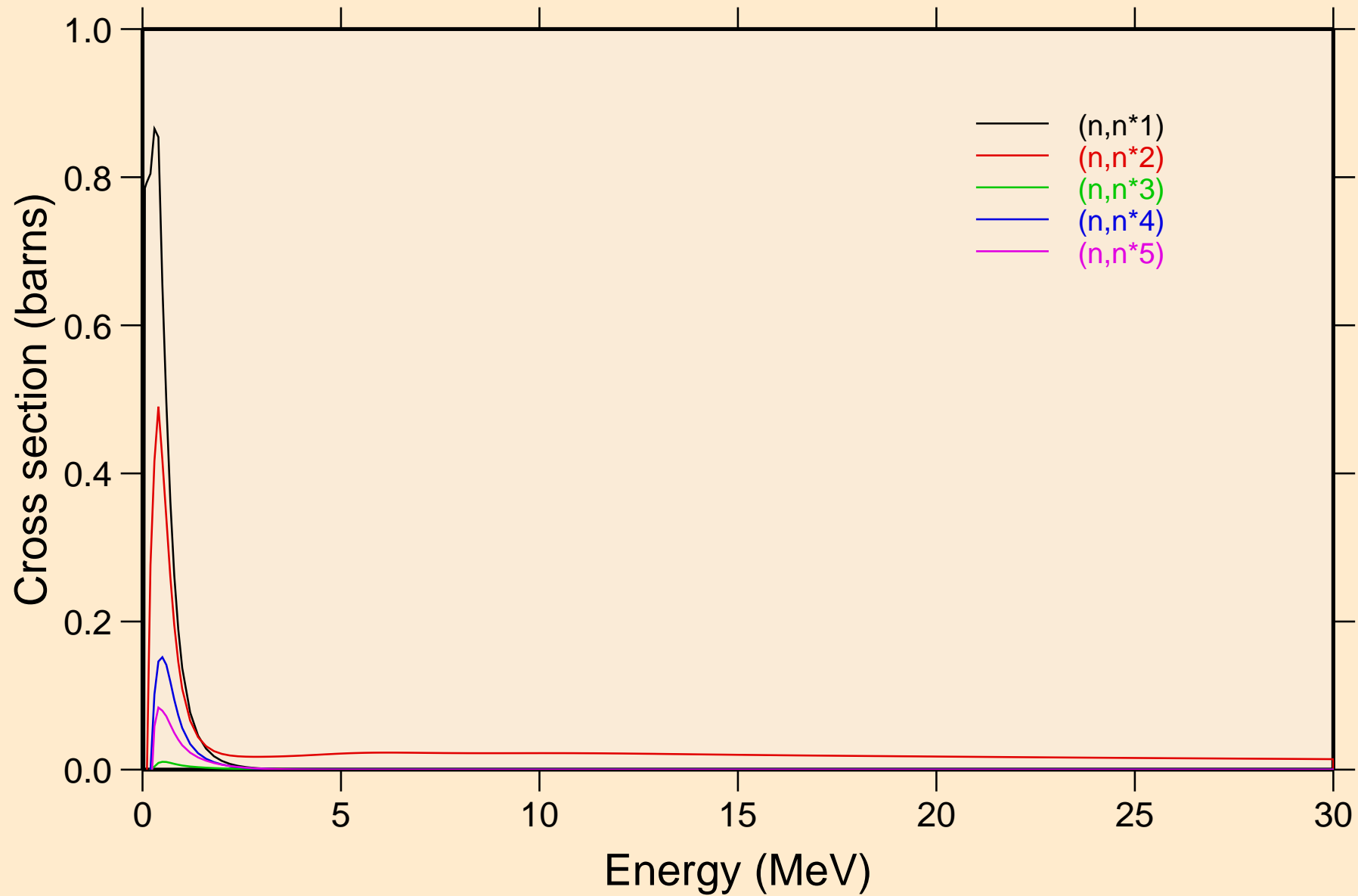
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



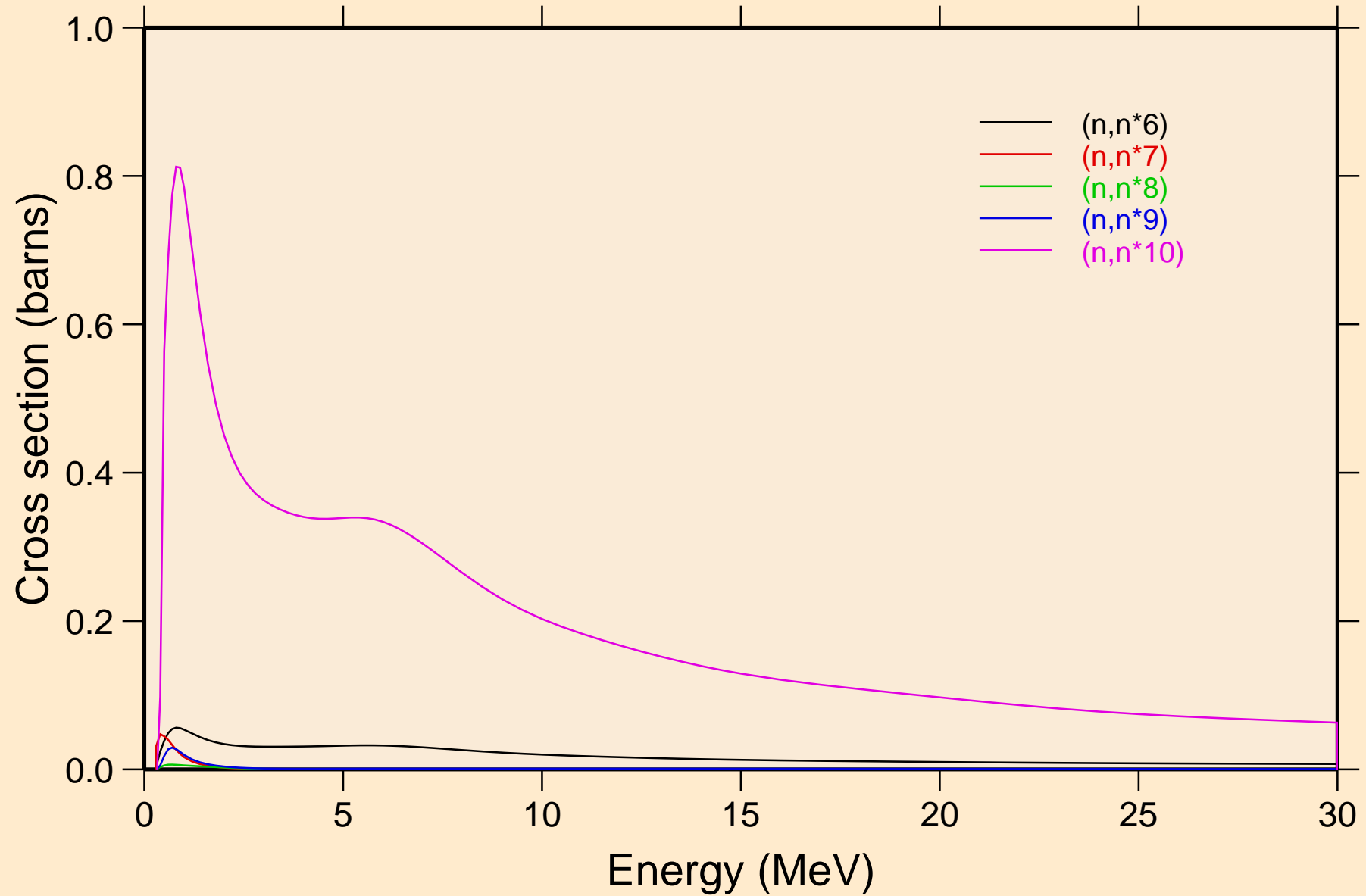
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



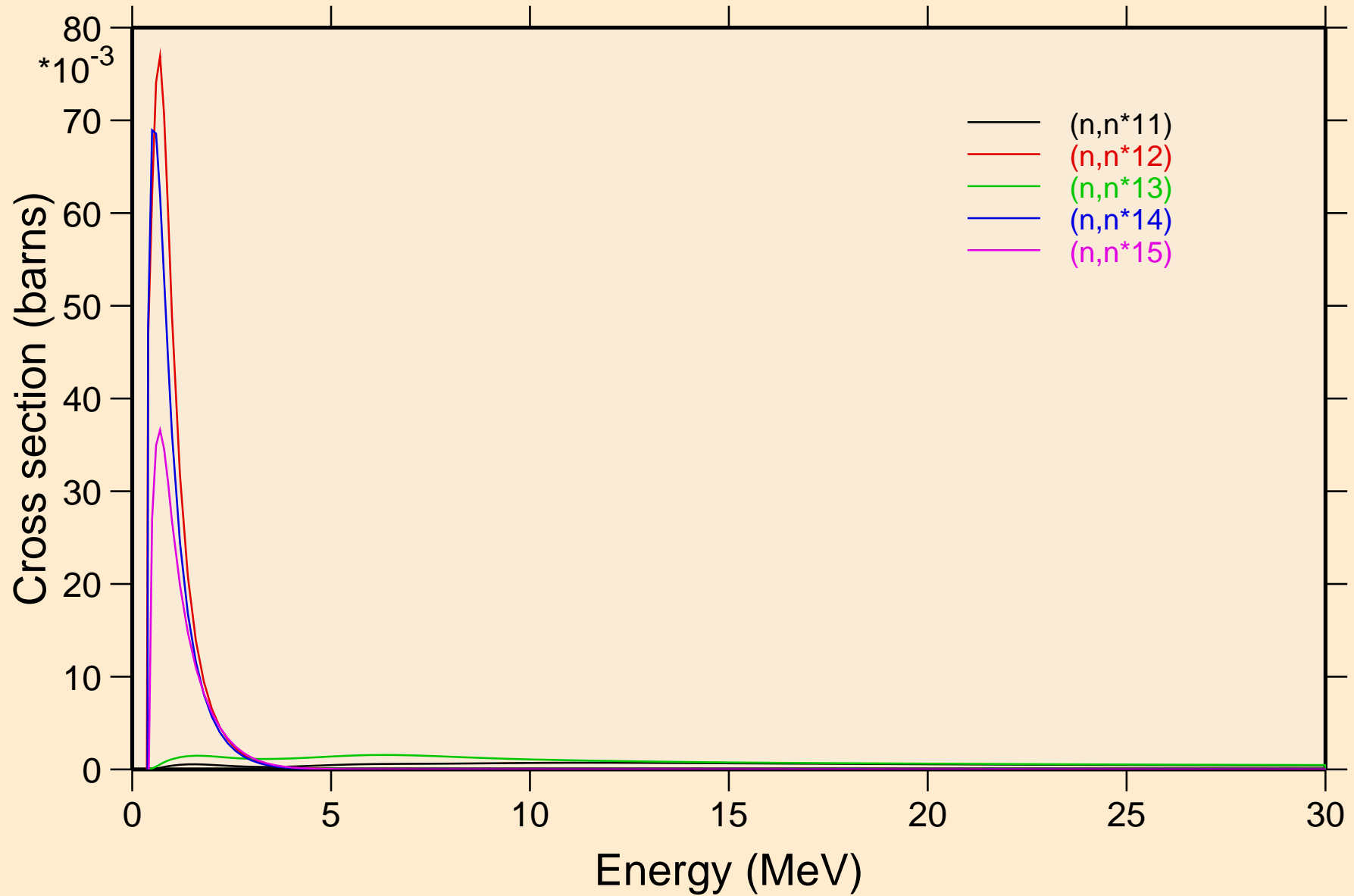
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



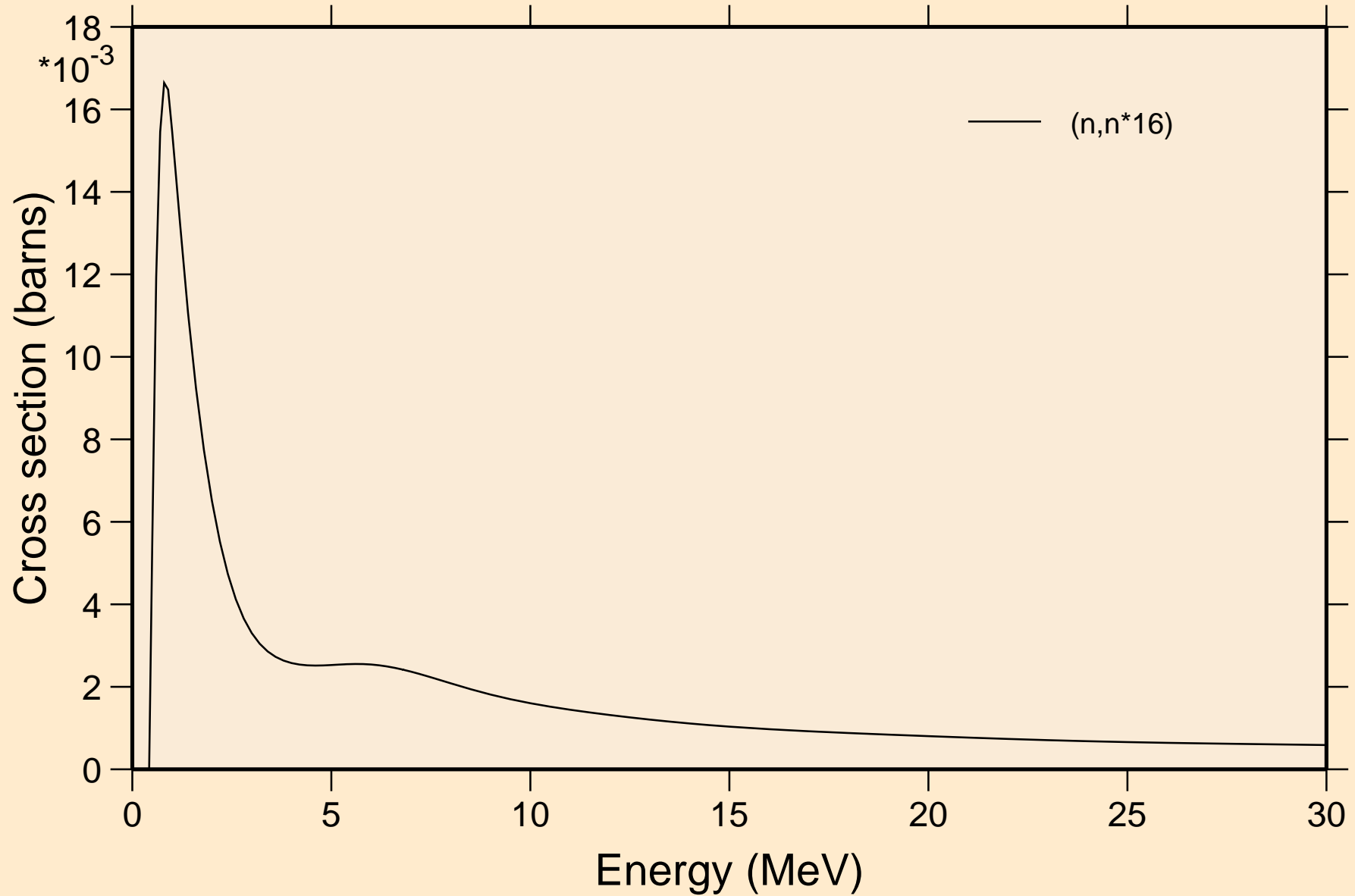
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



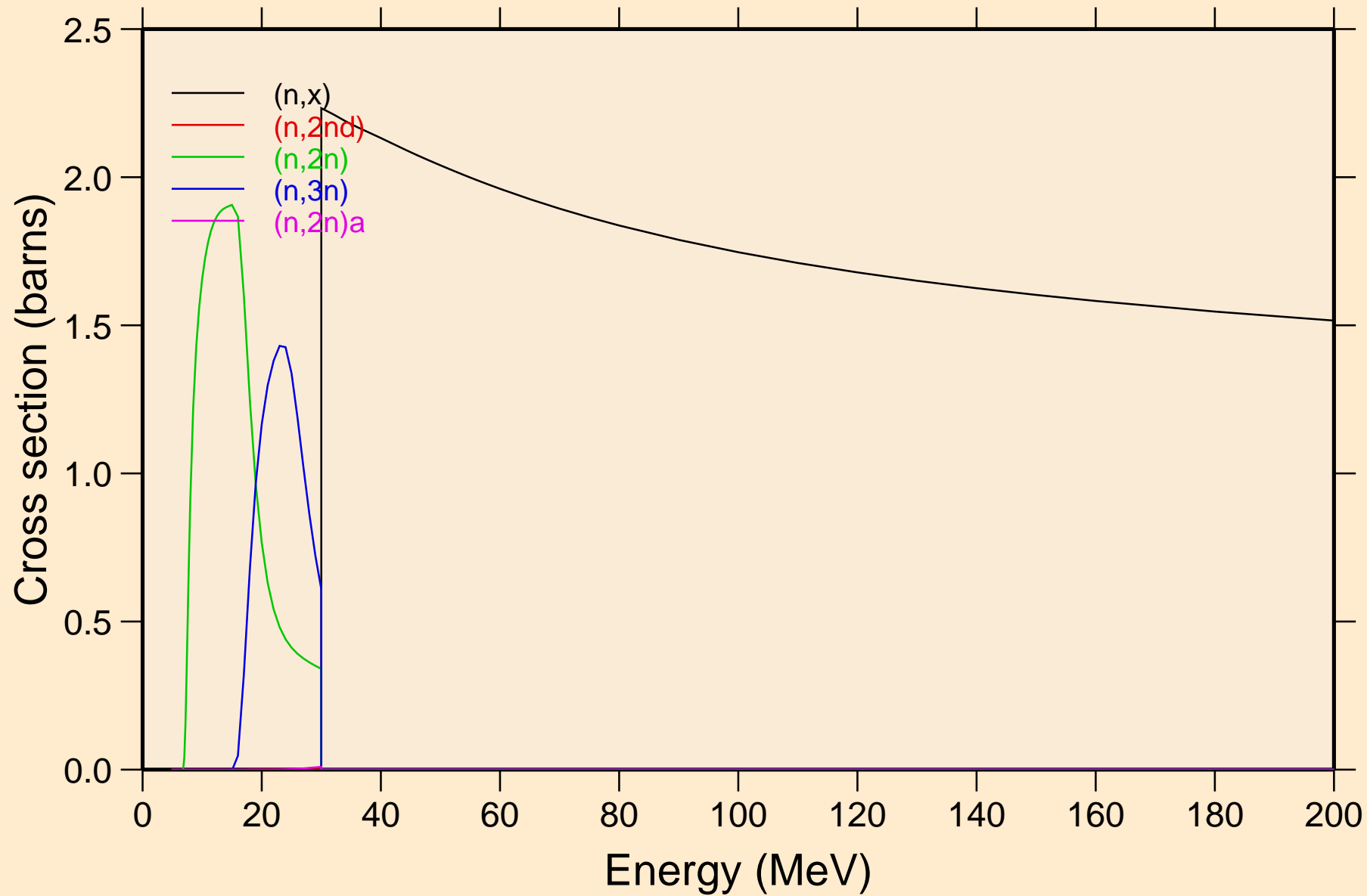
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



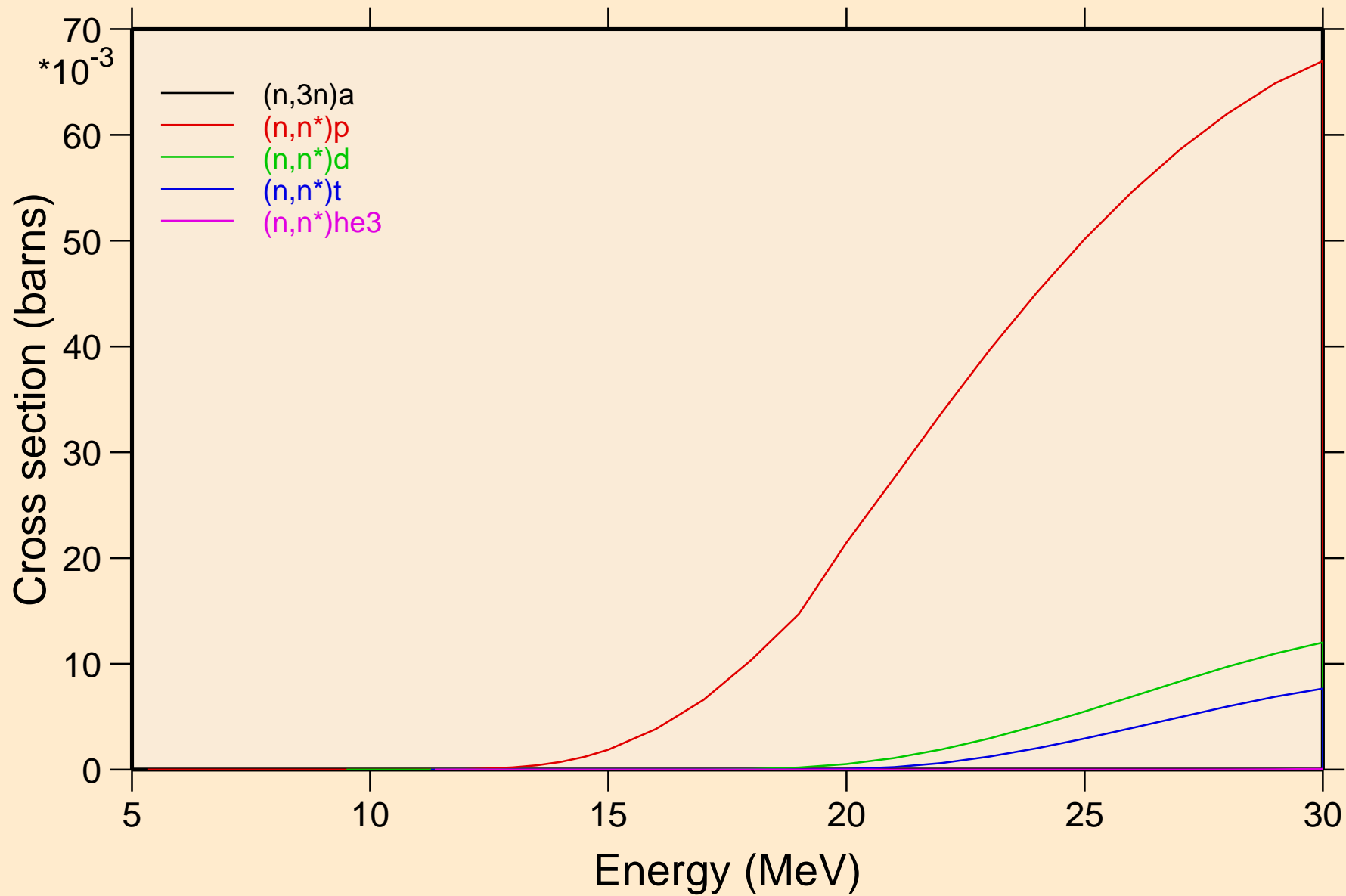
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

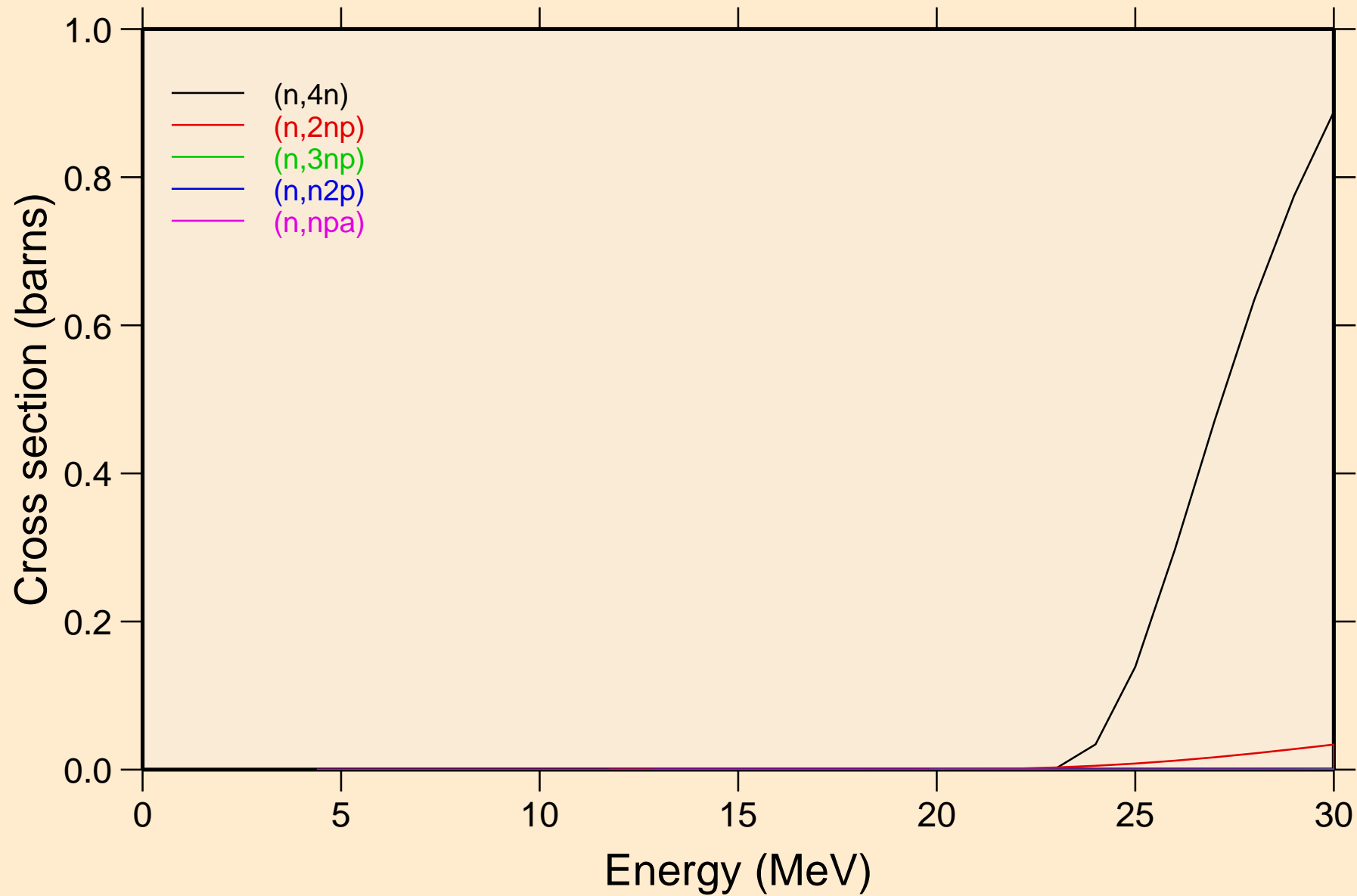


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

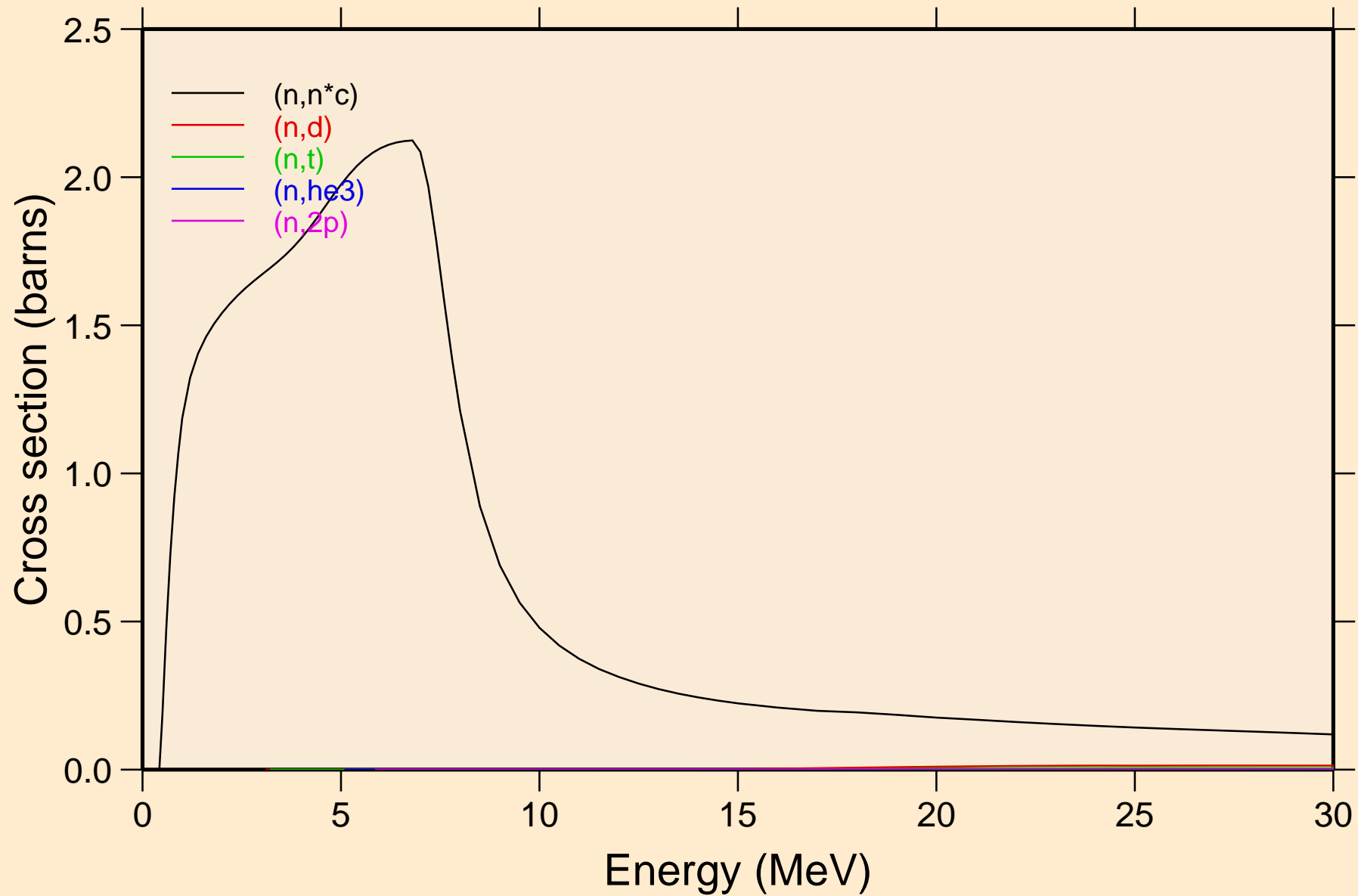




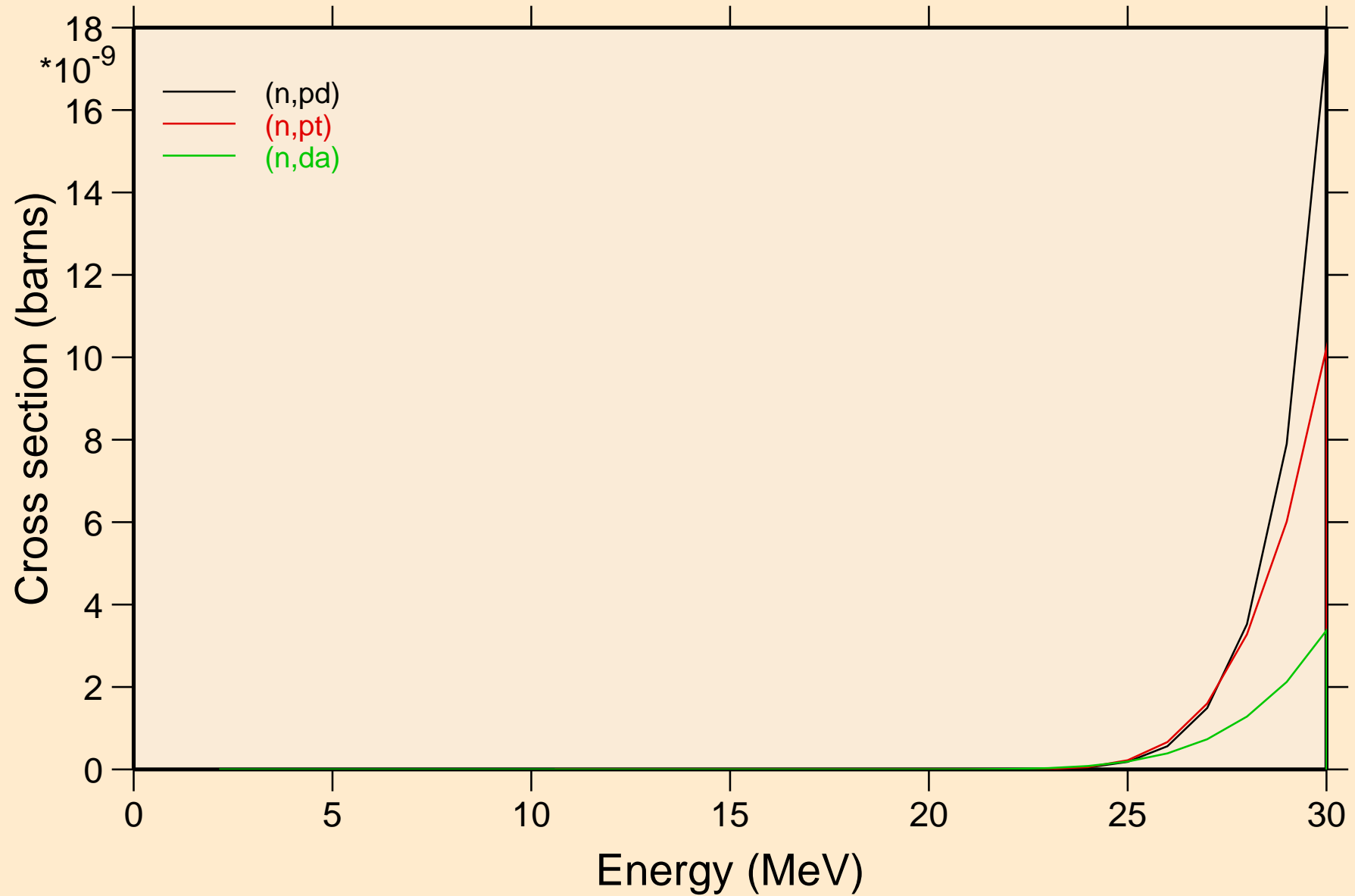
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



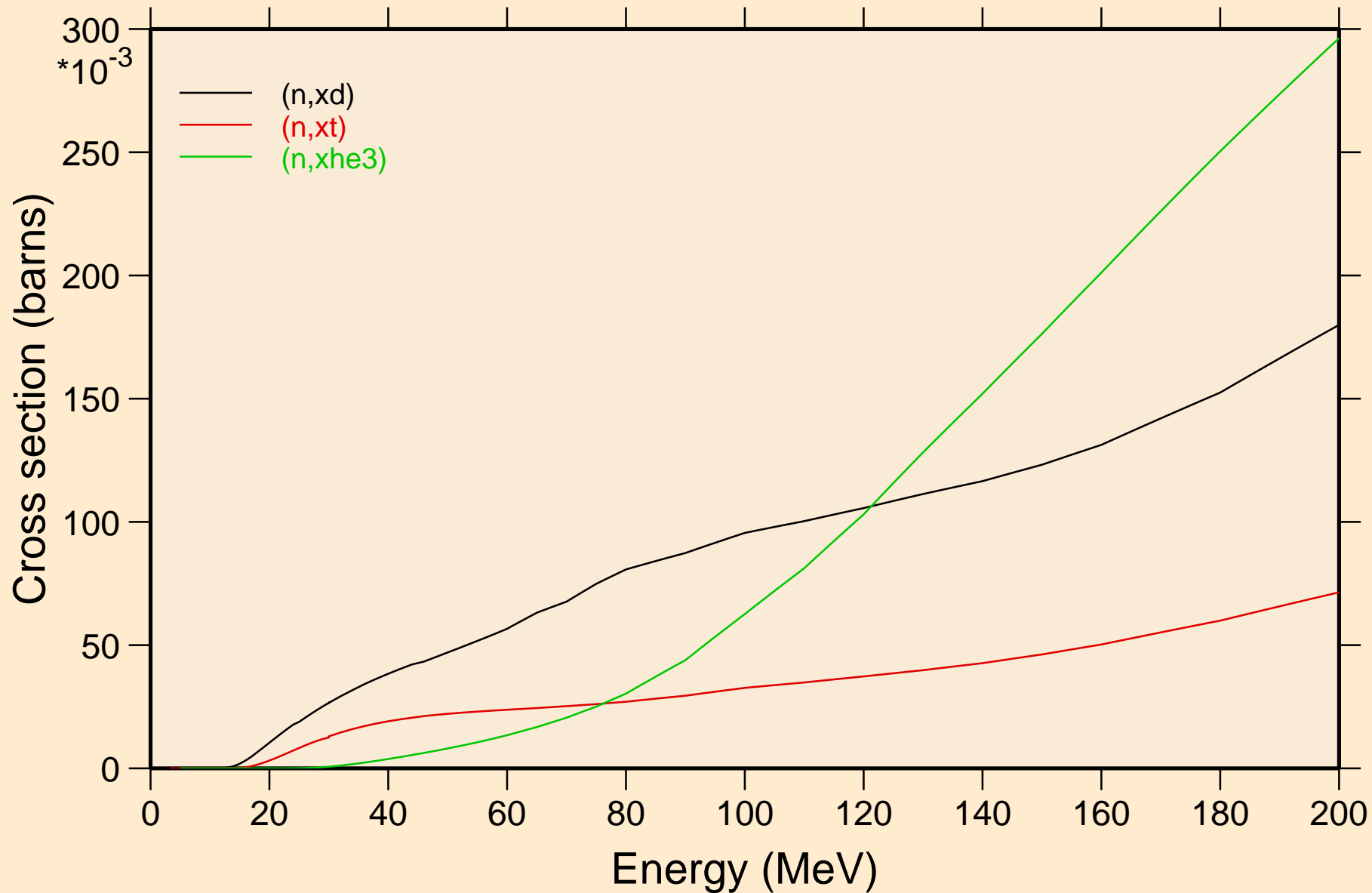
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



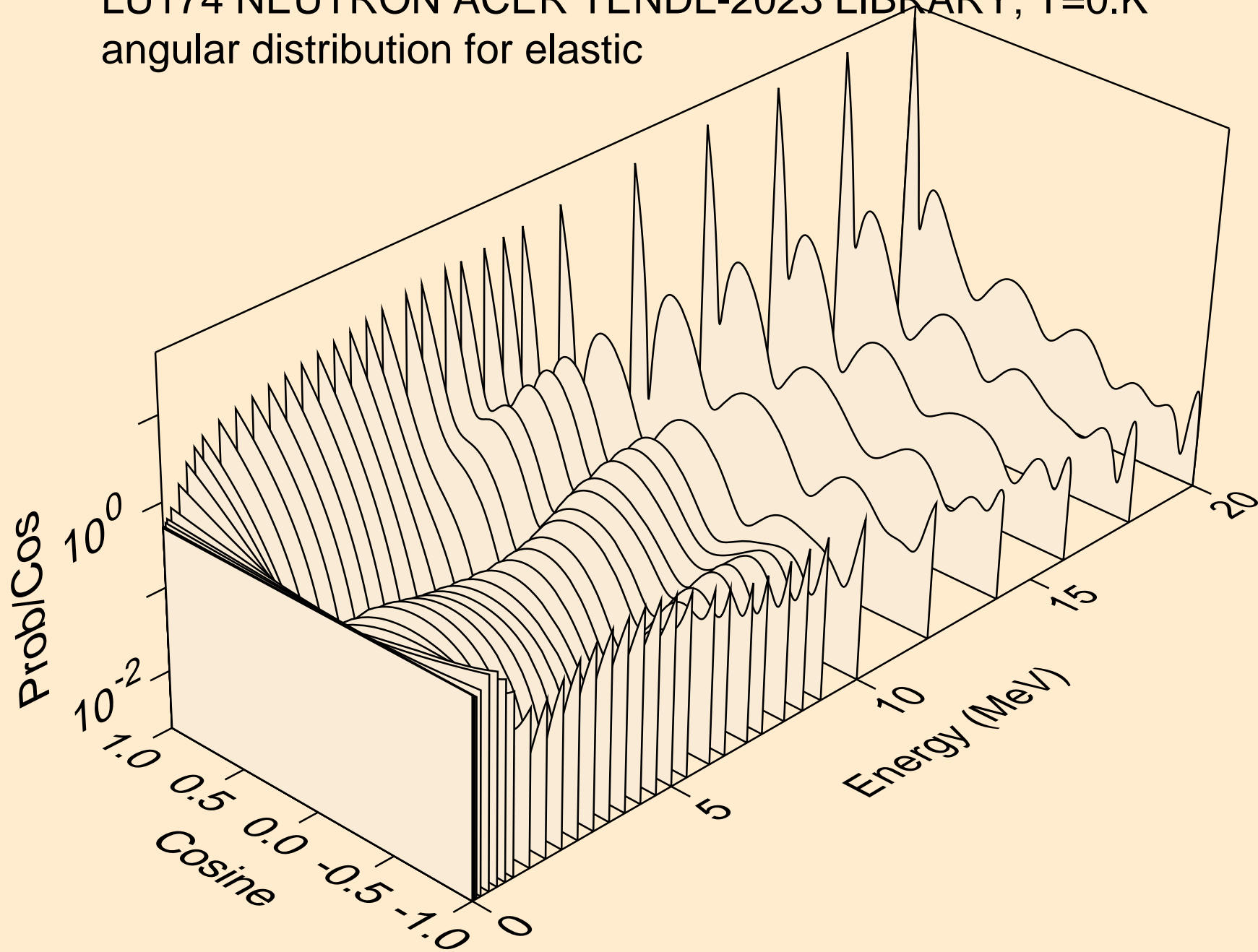
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



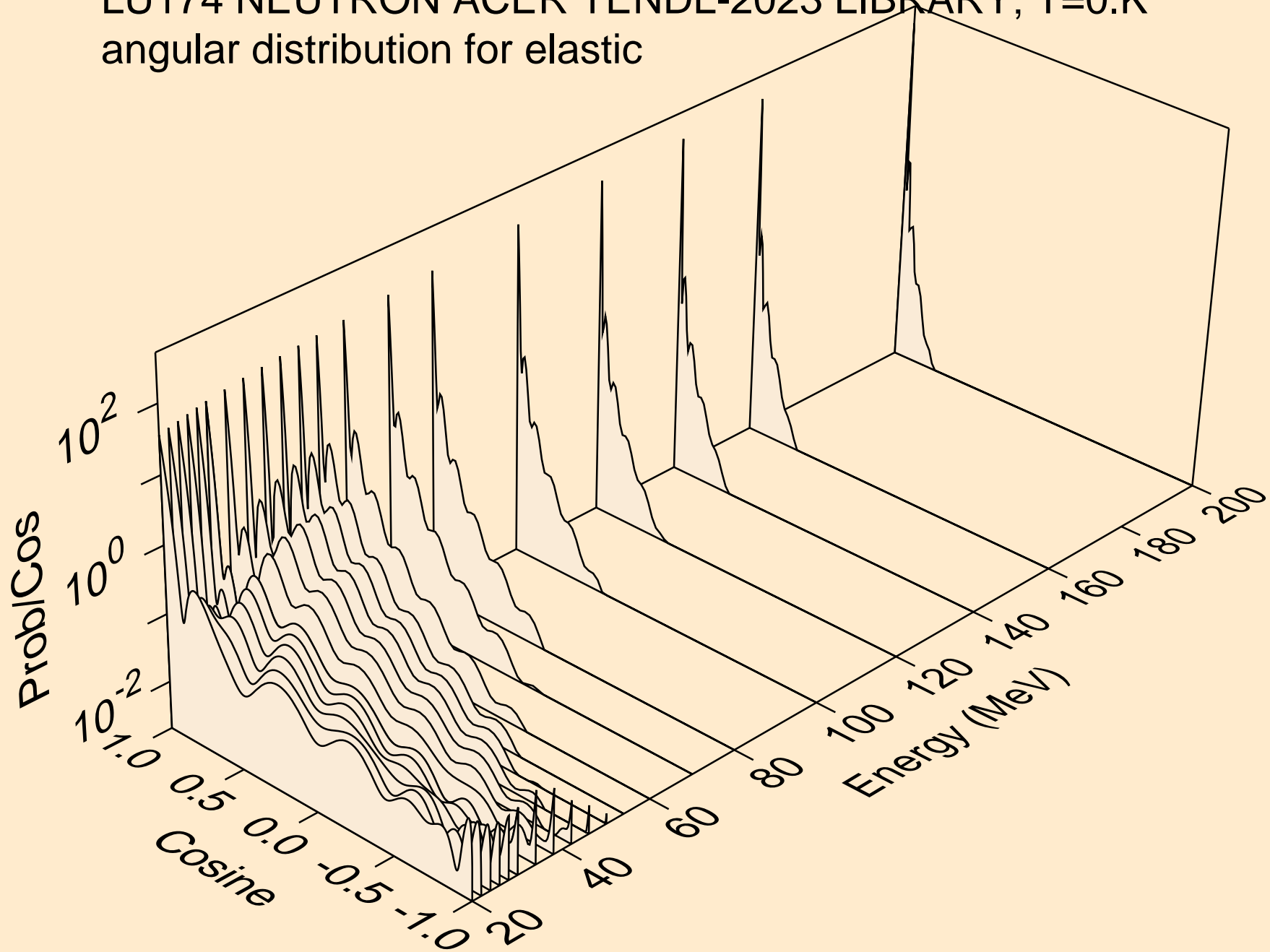
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



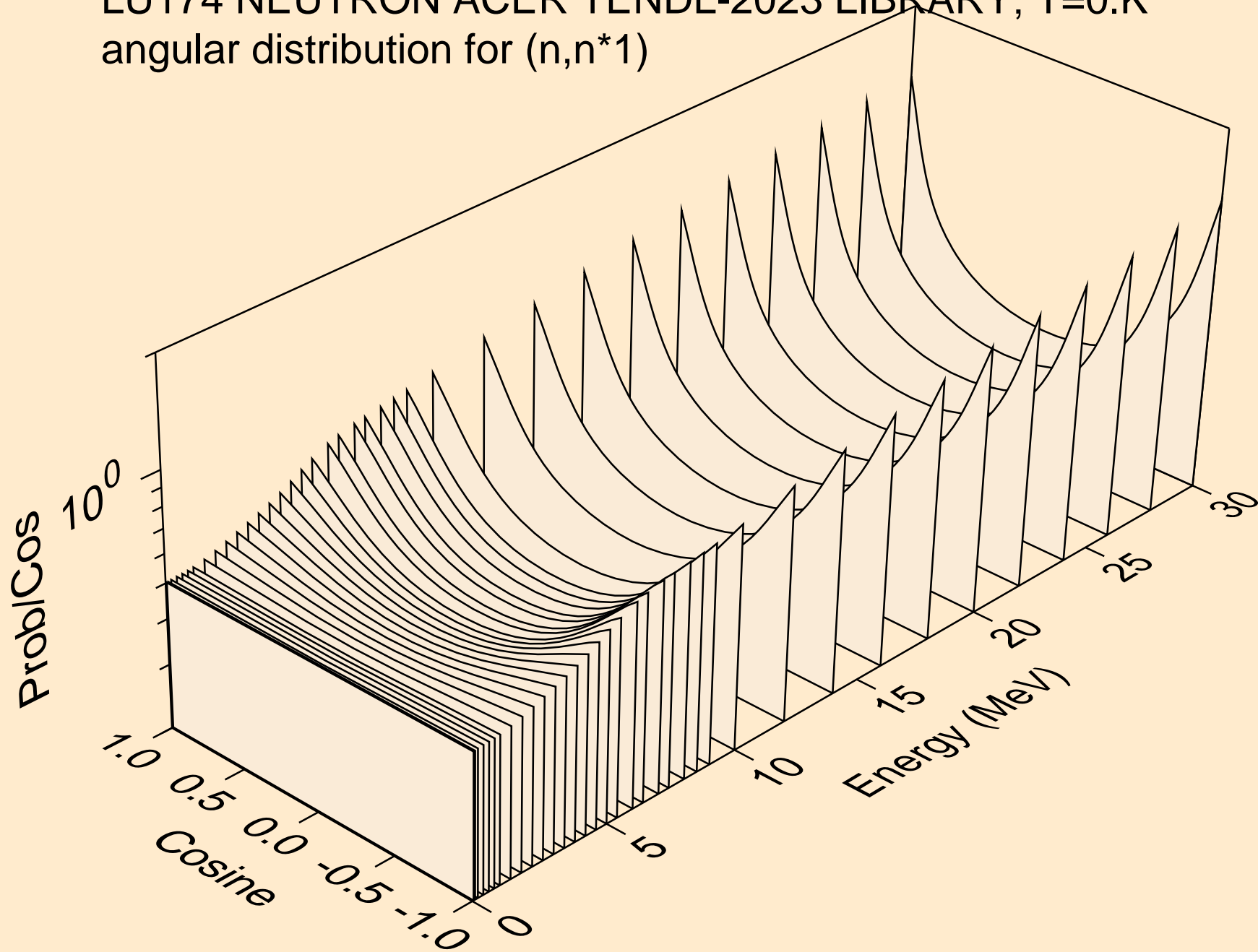
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



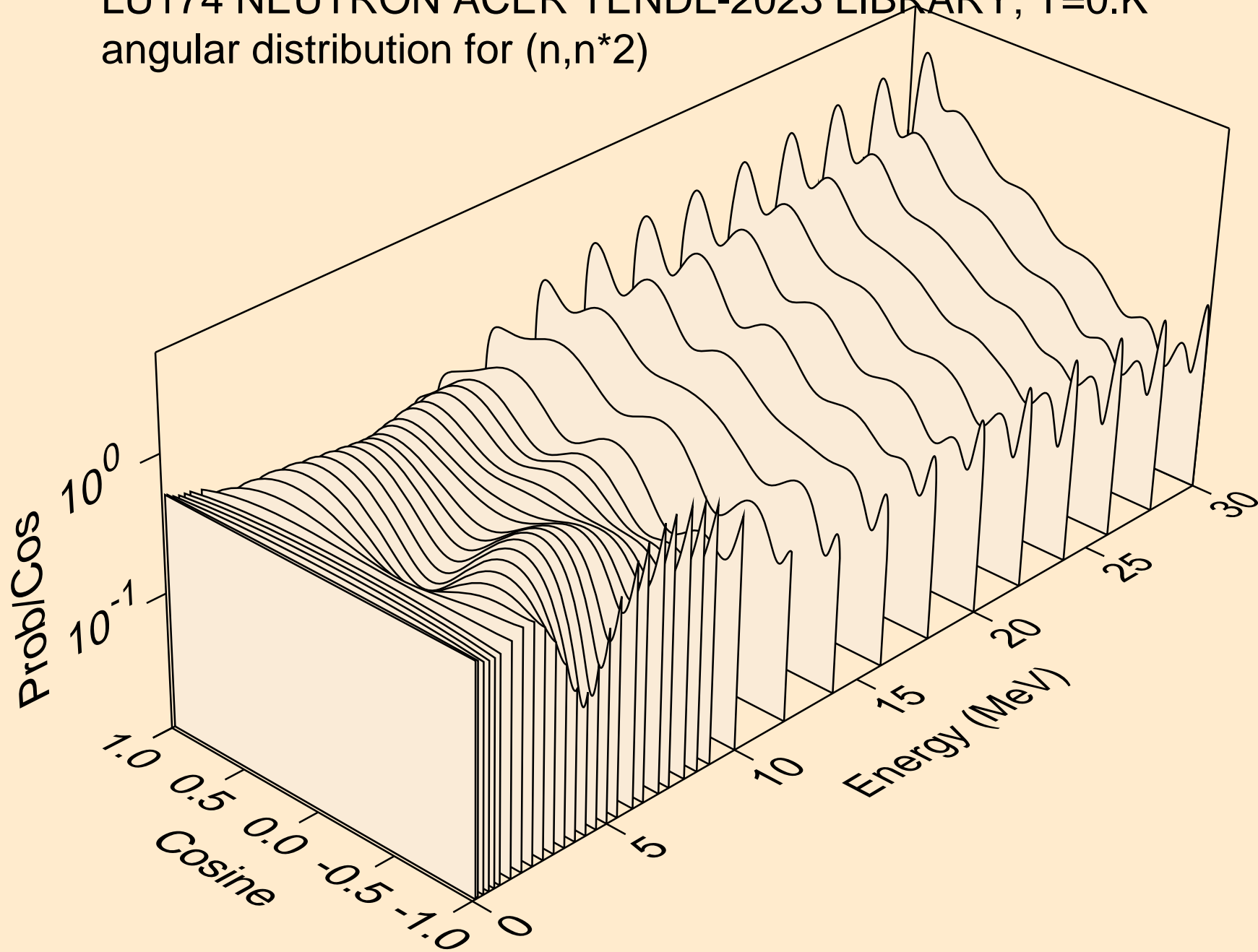
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

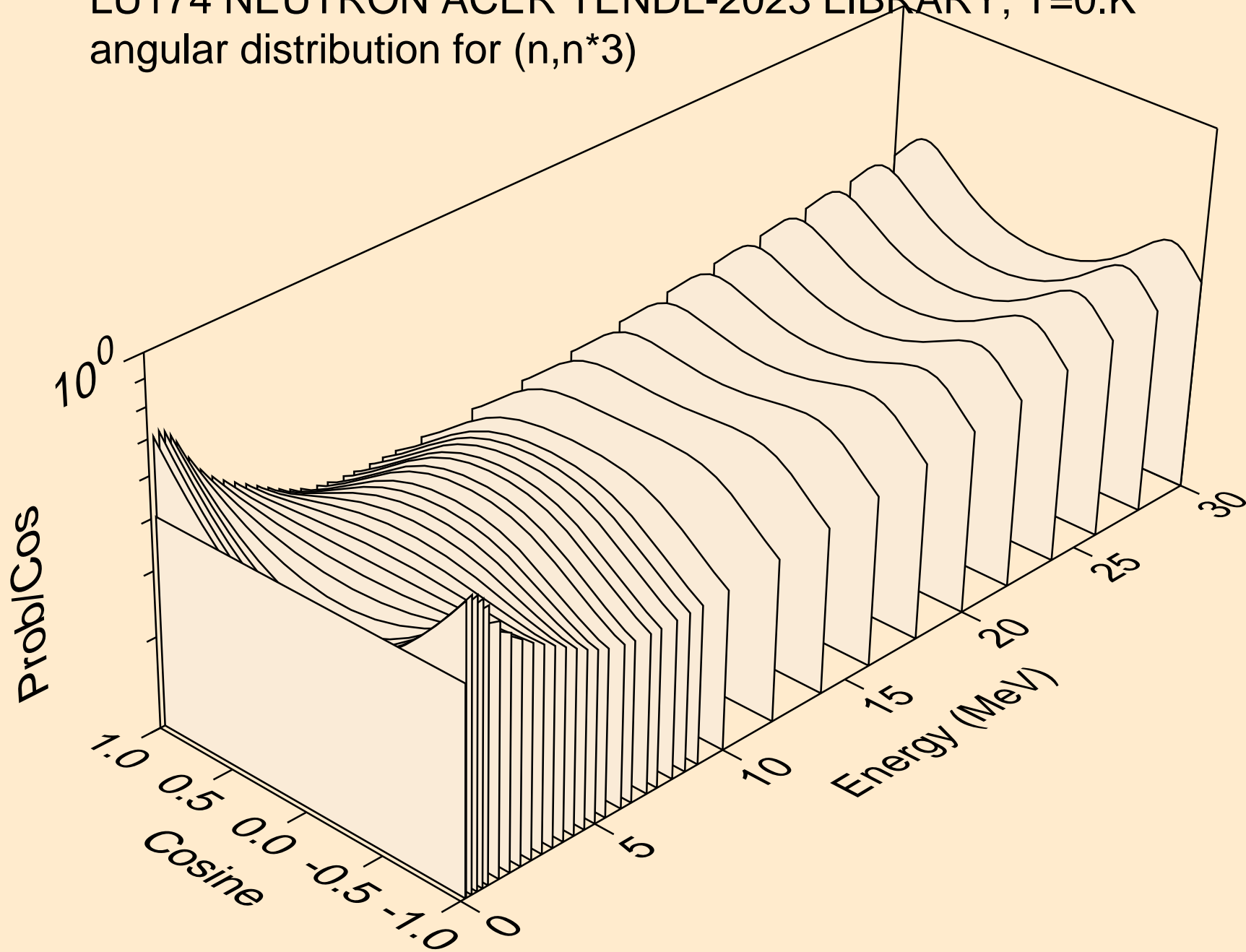


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

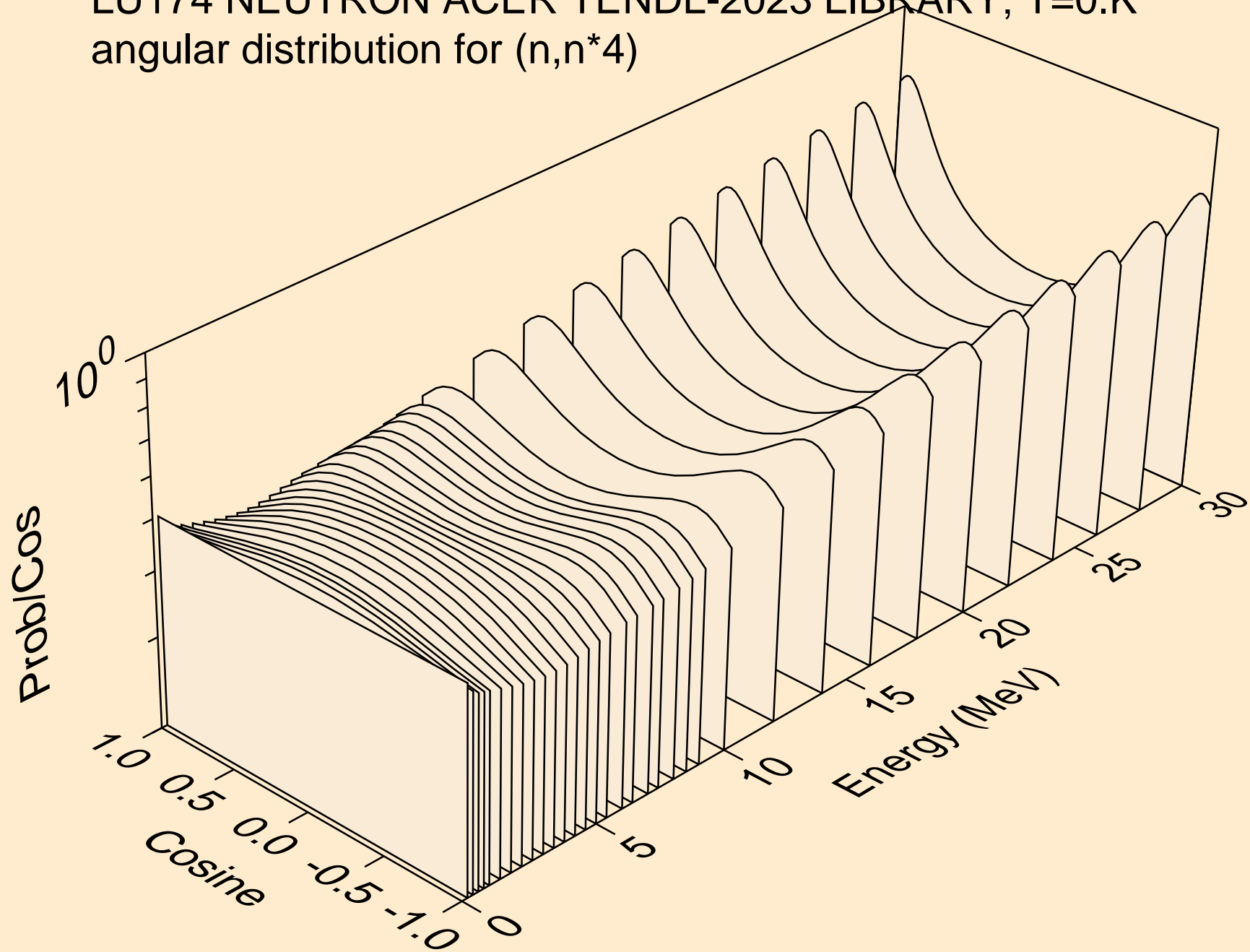




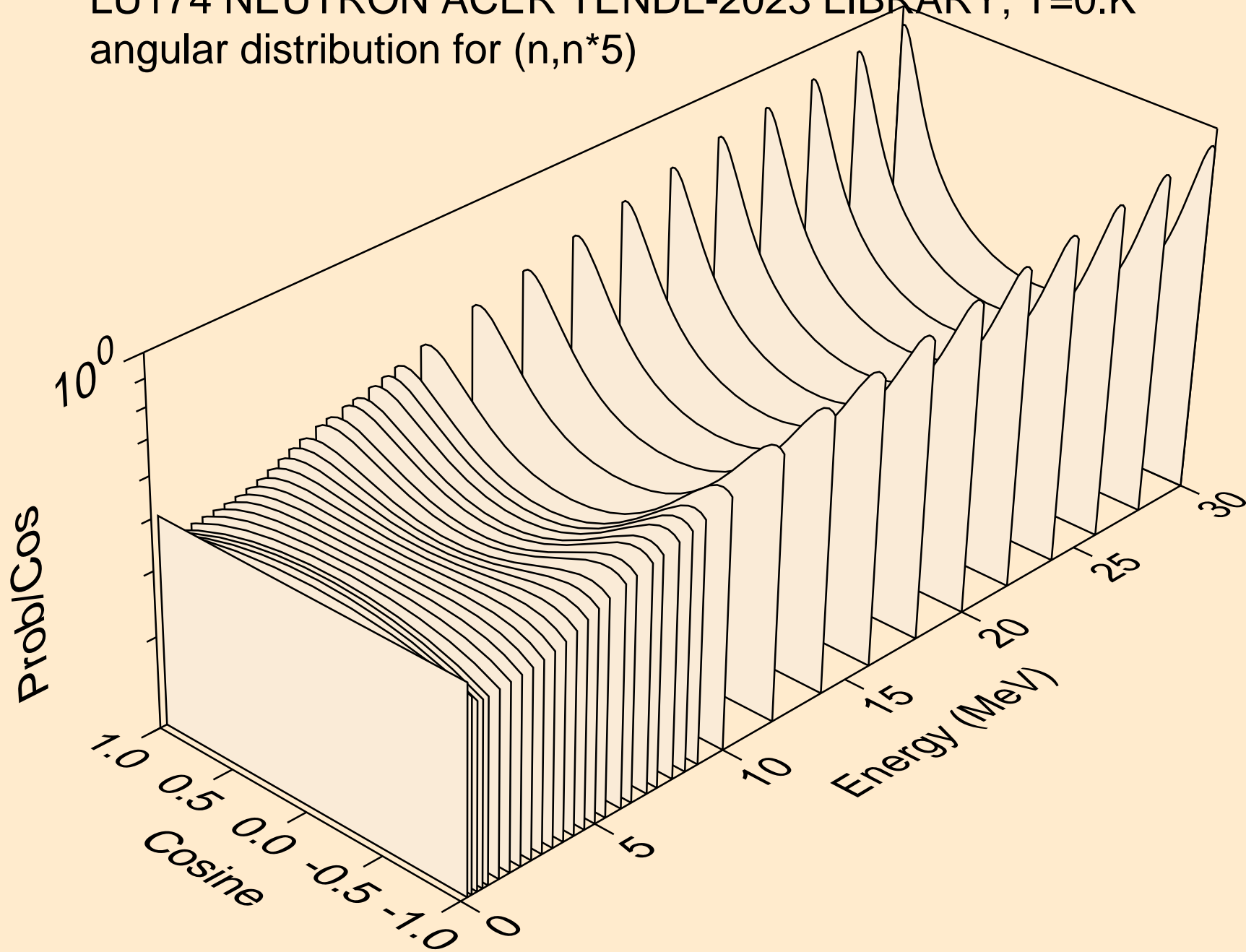
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



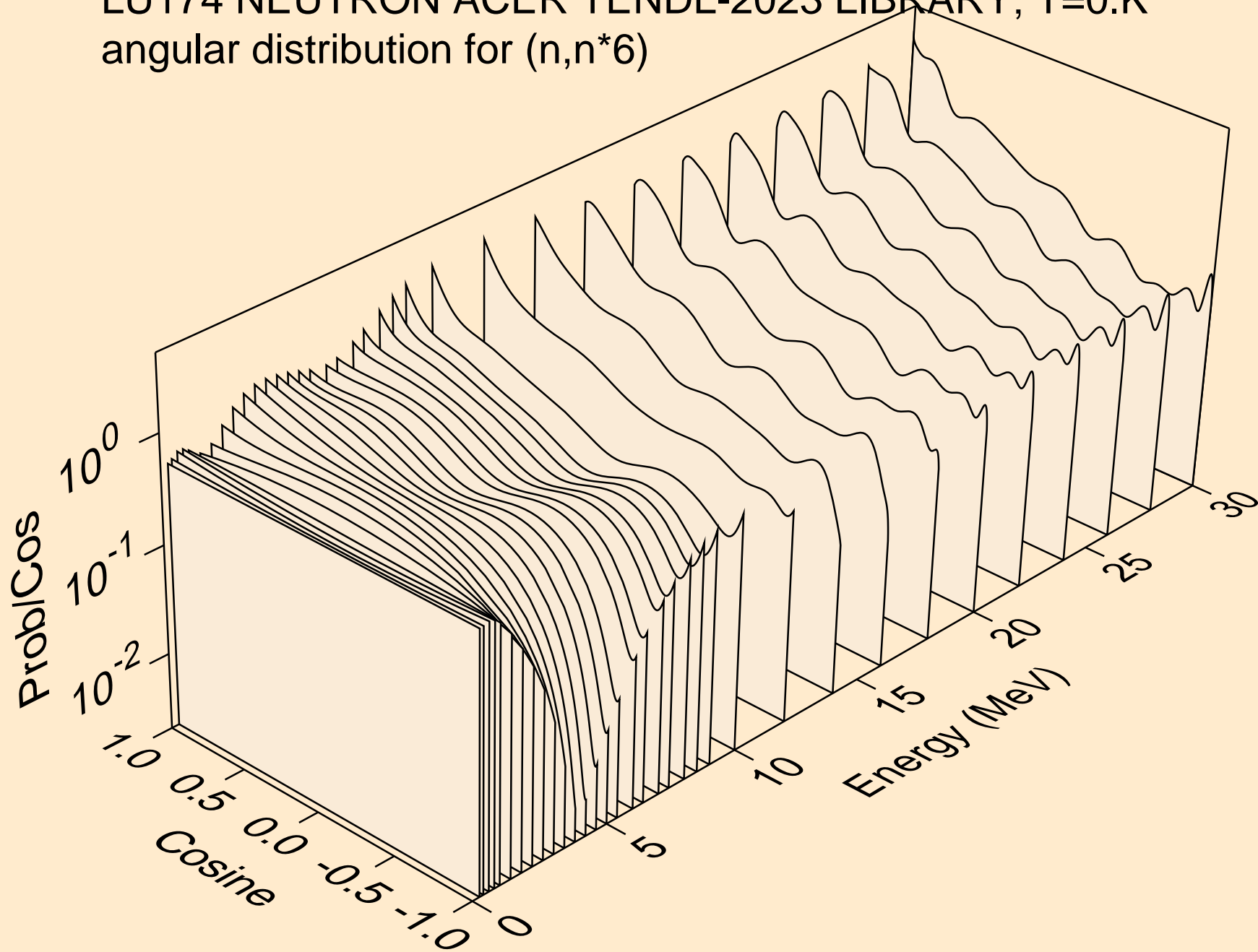
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



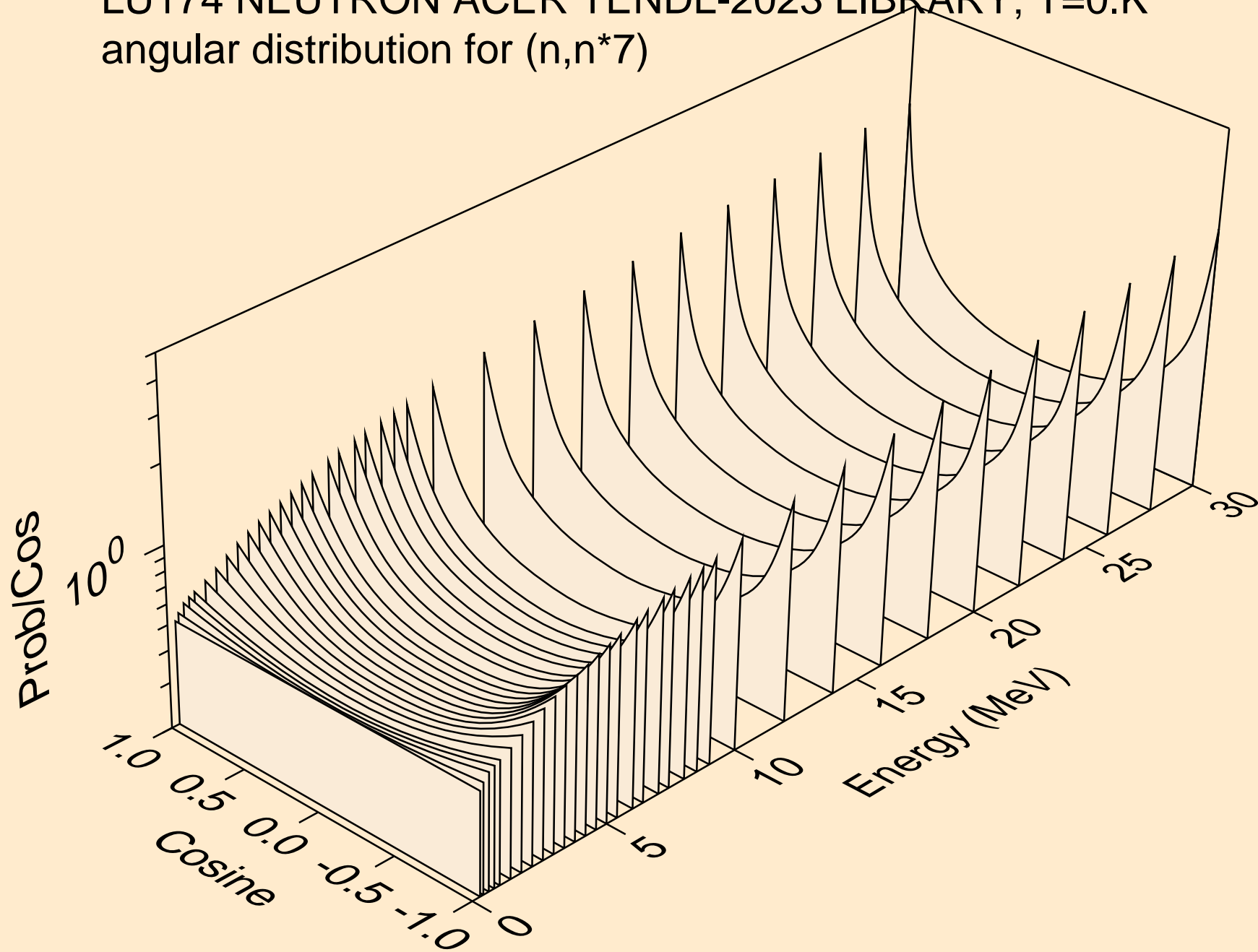
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



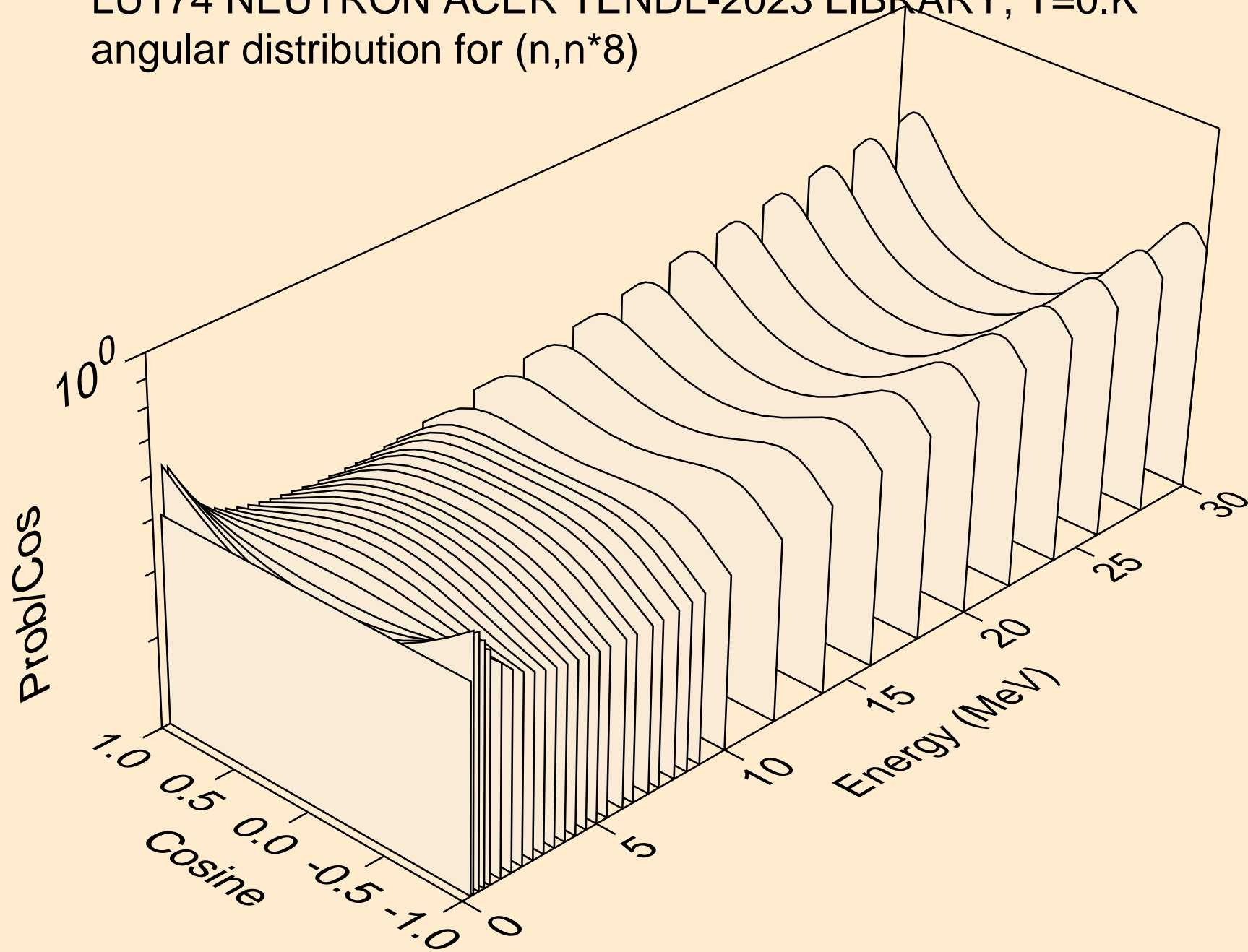
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



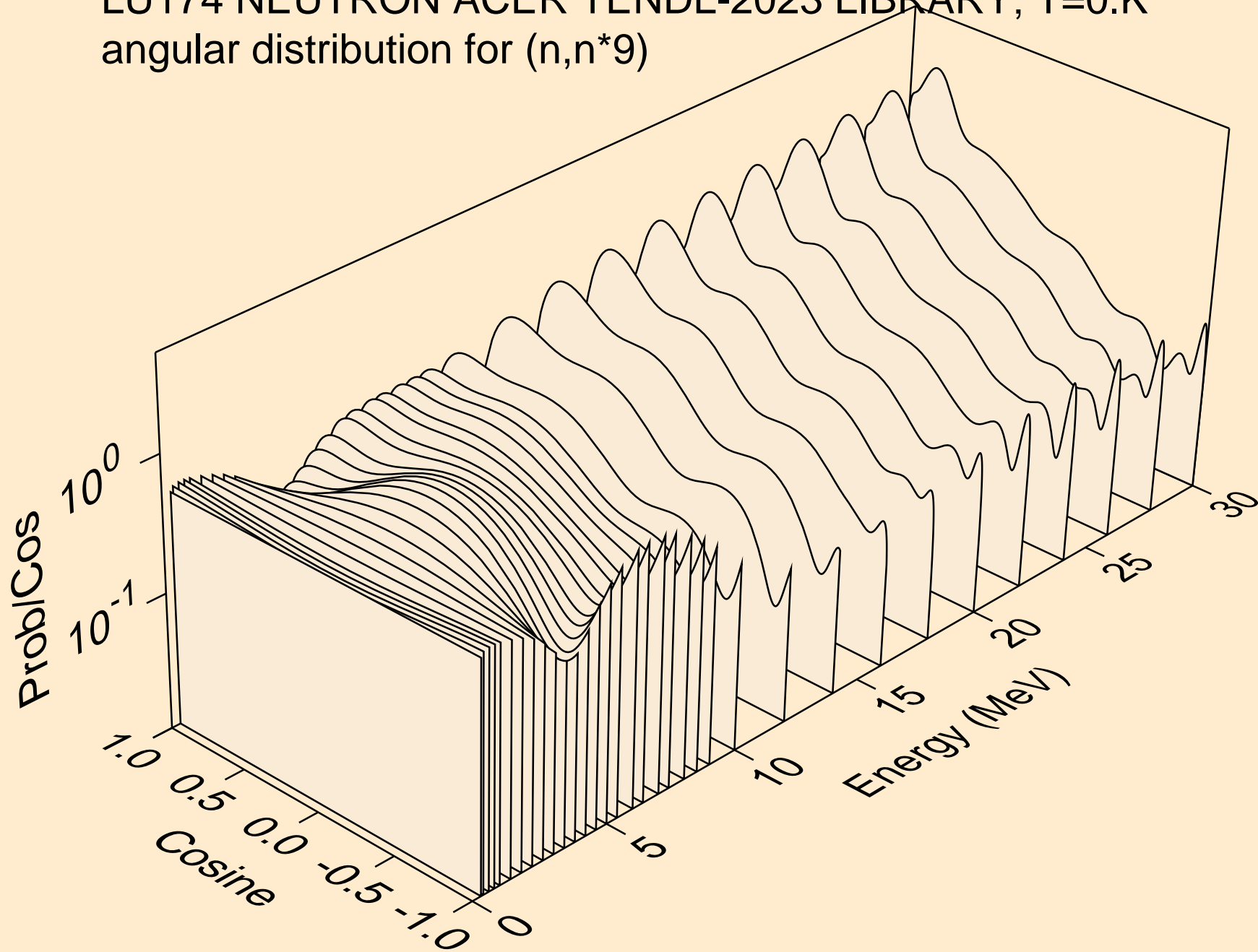
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



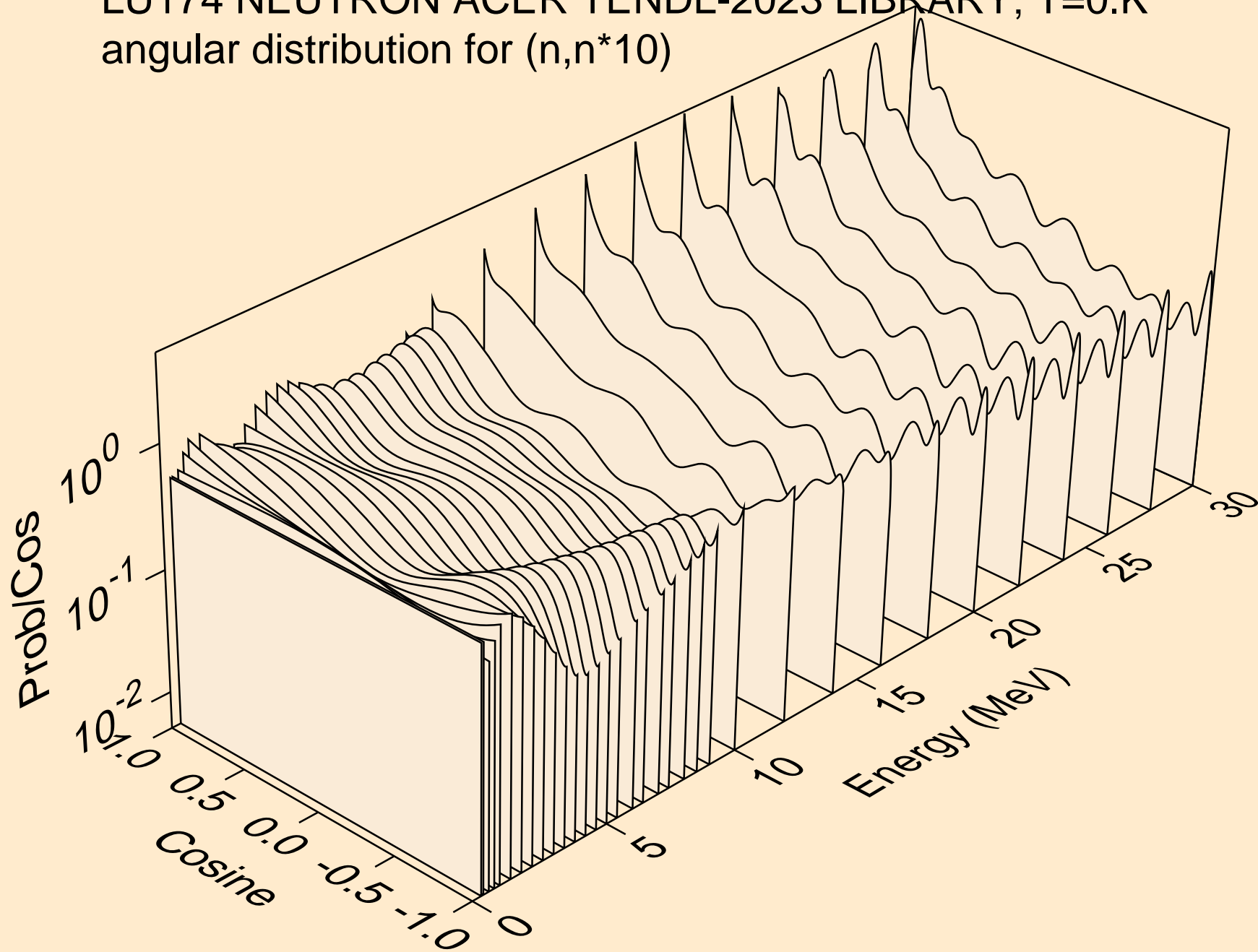
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

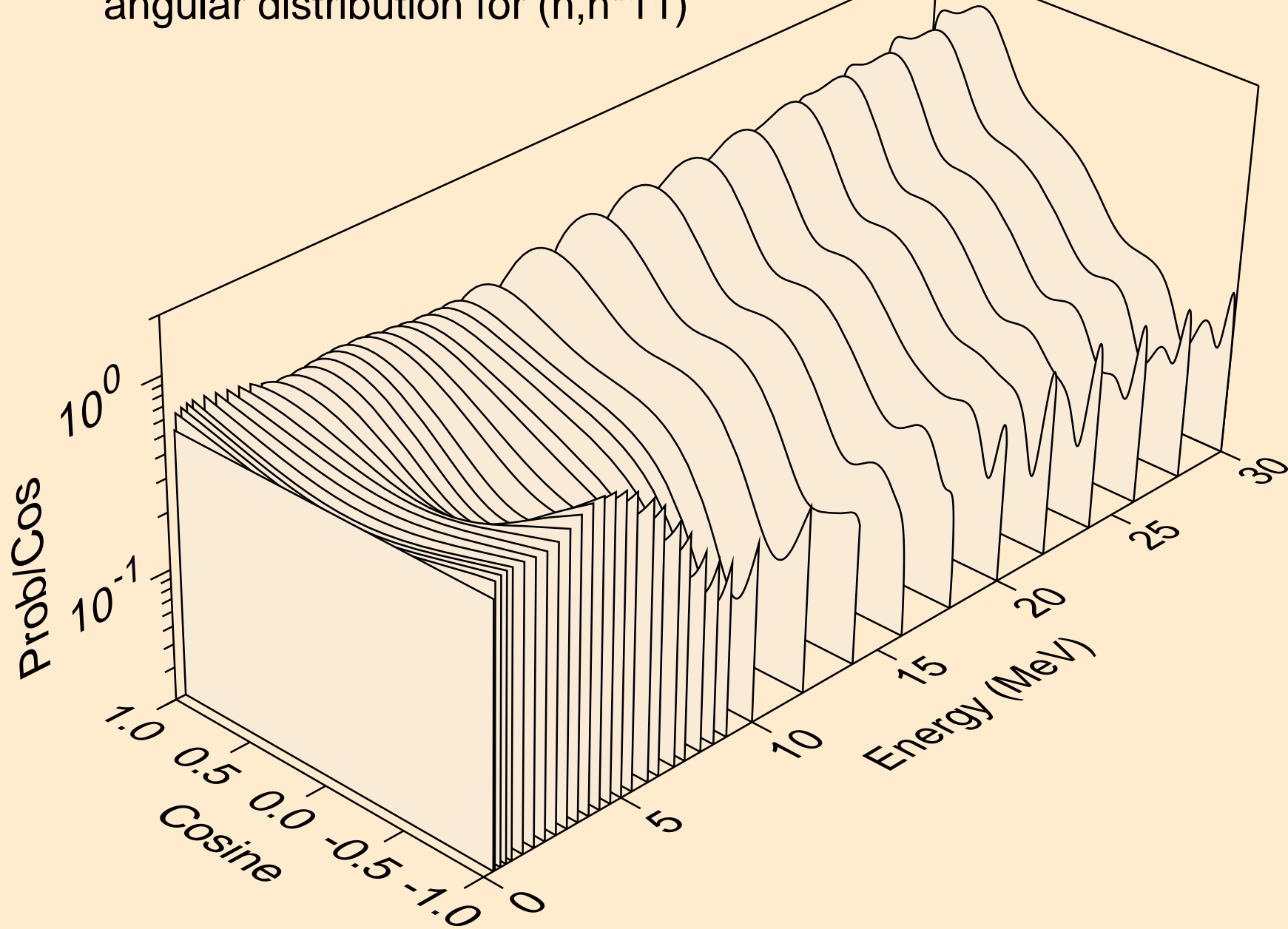


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

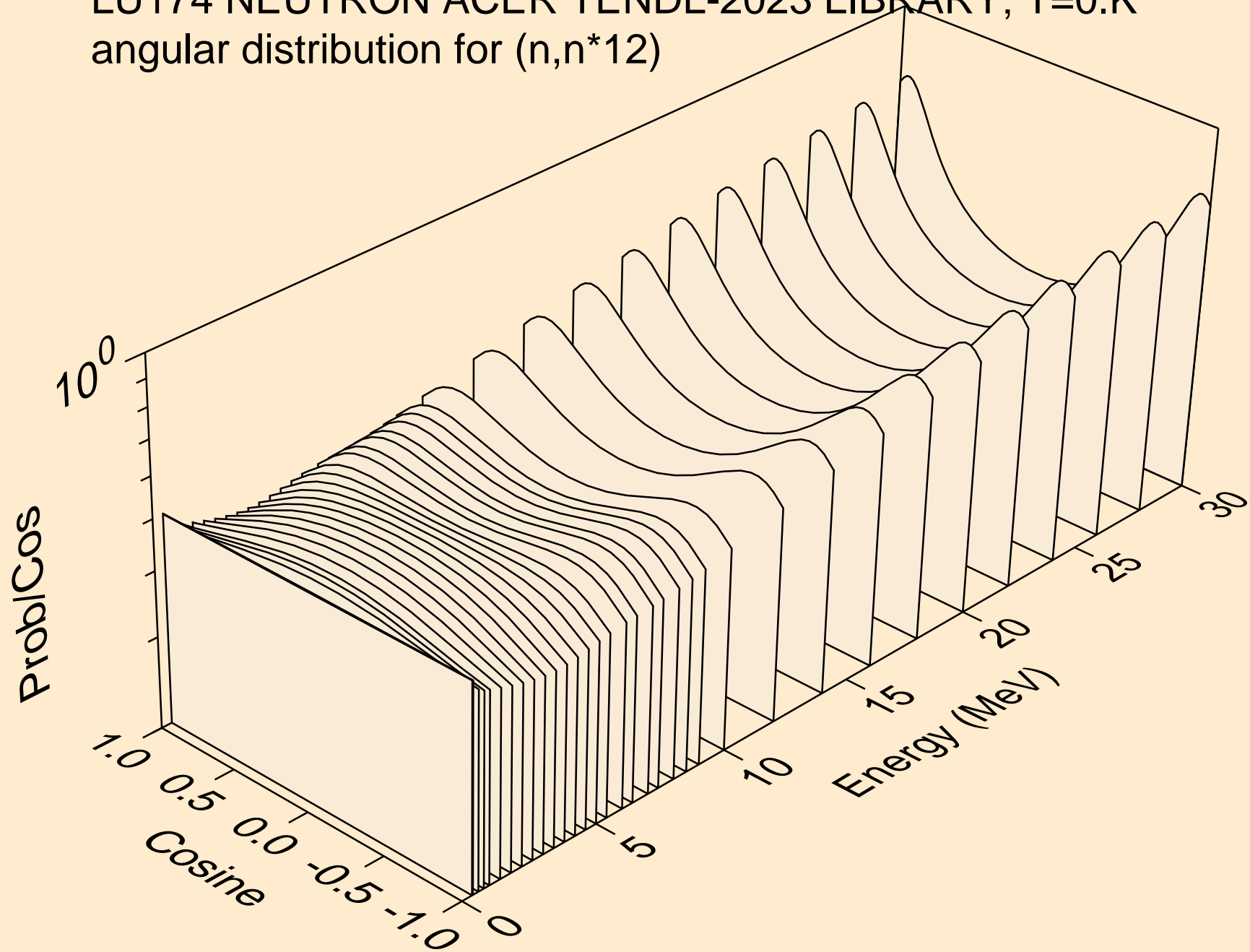




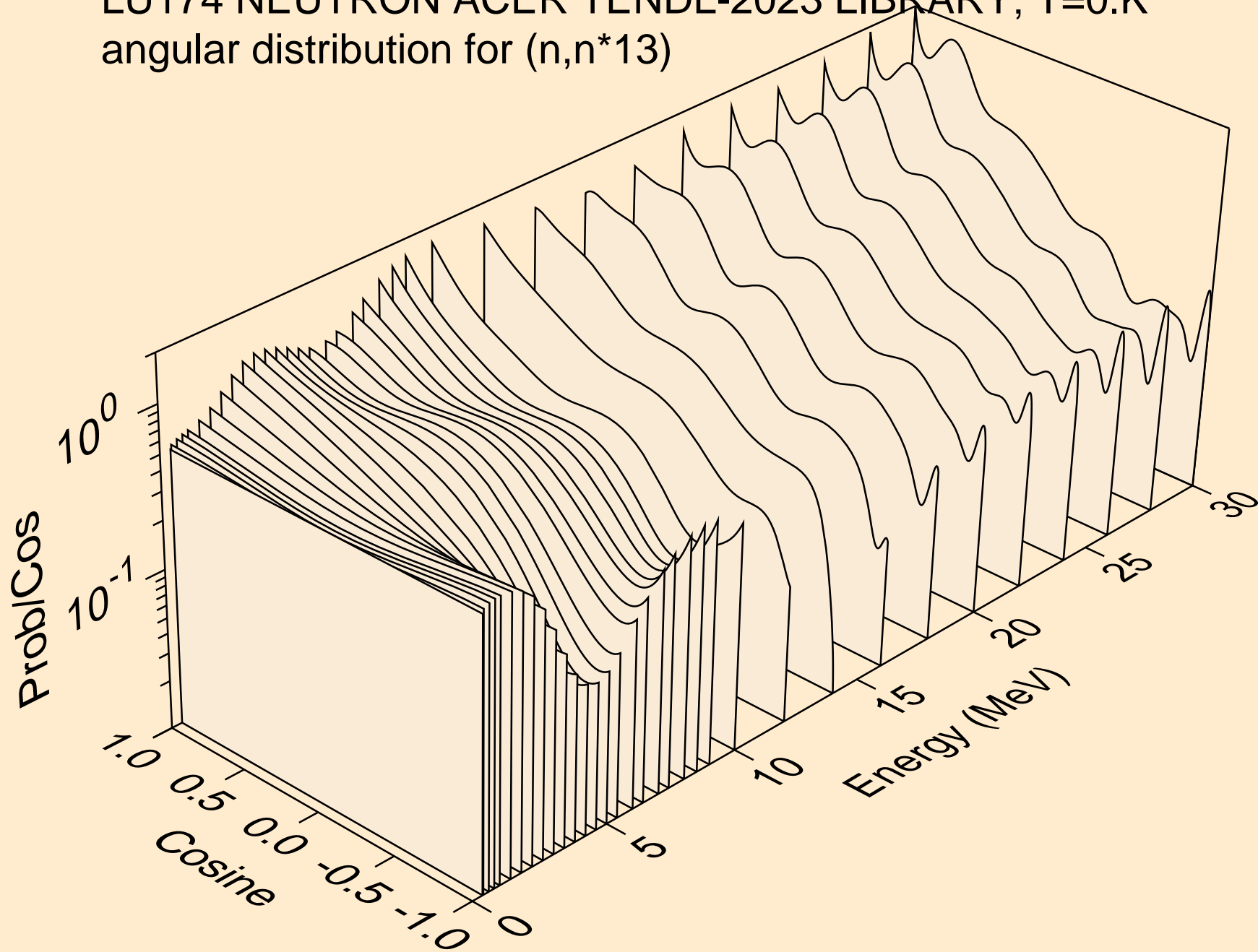
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angular distribution for (n,n\*11)



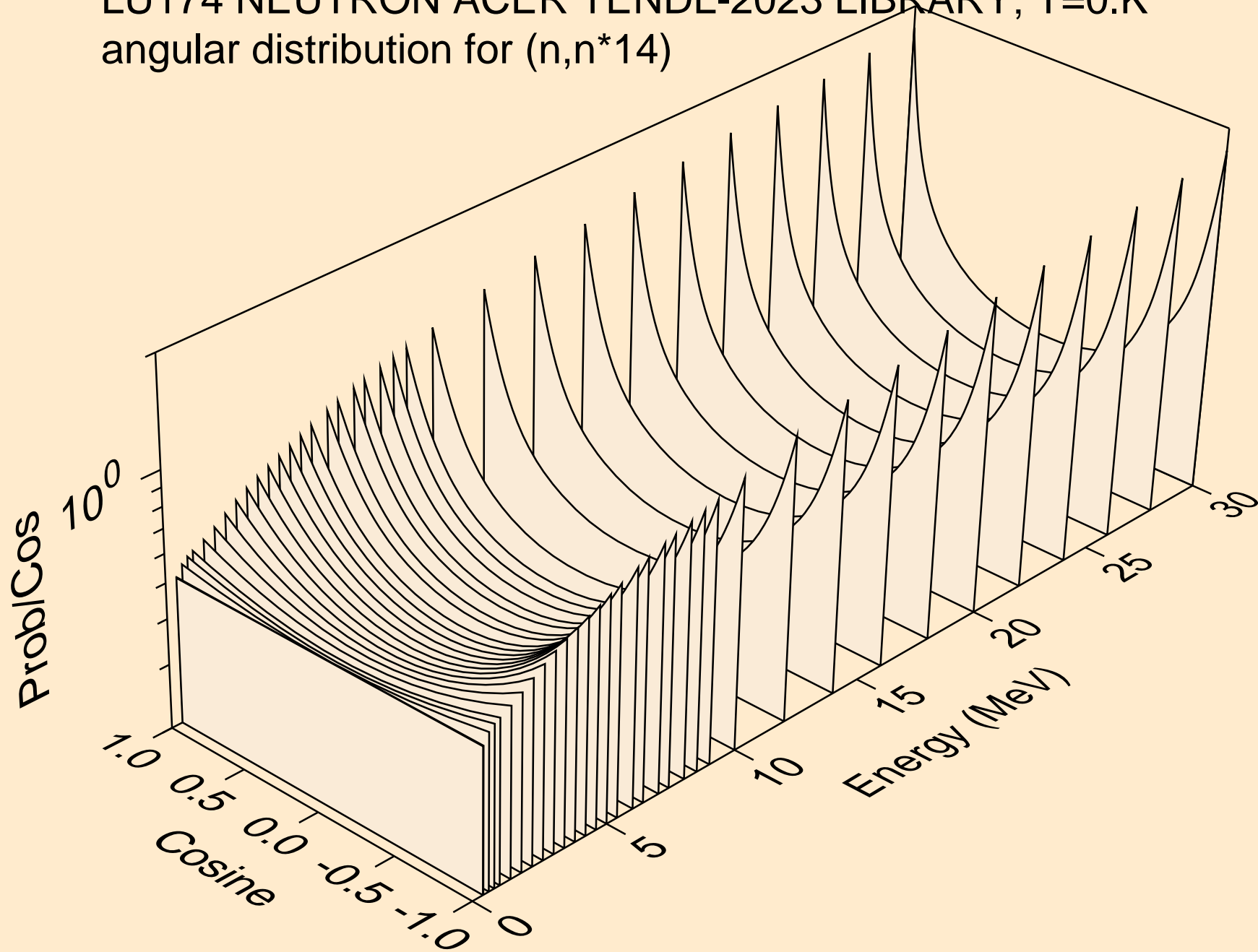
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



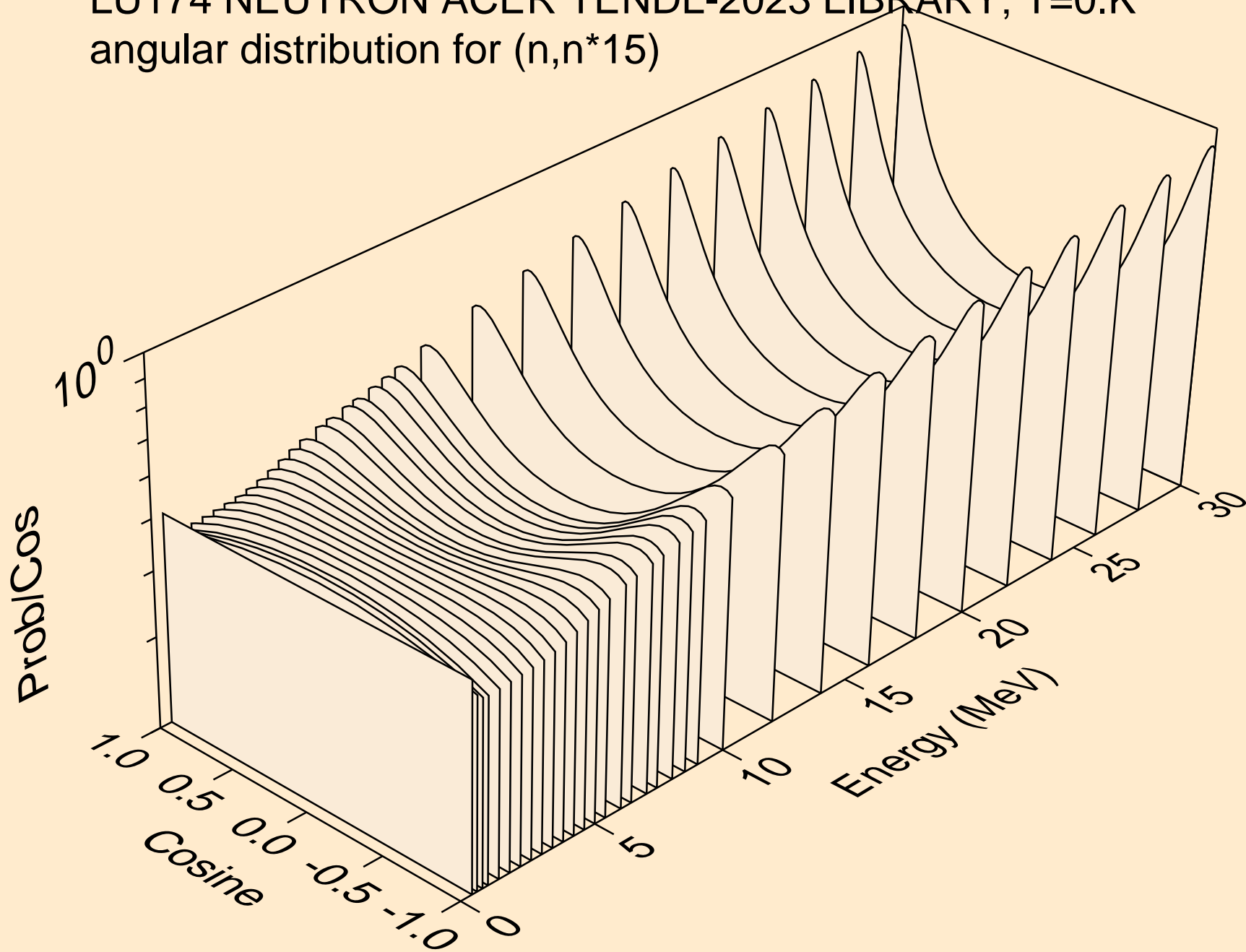
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



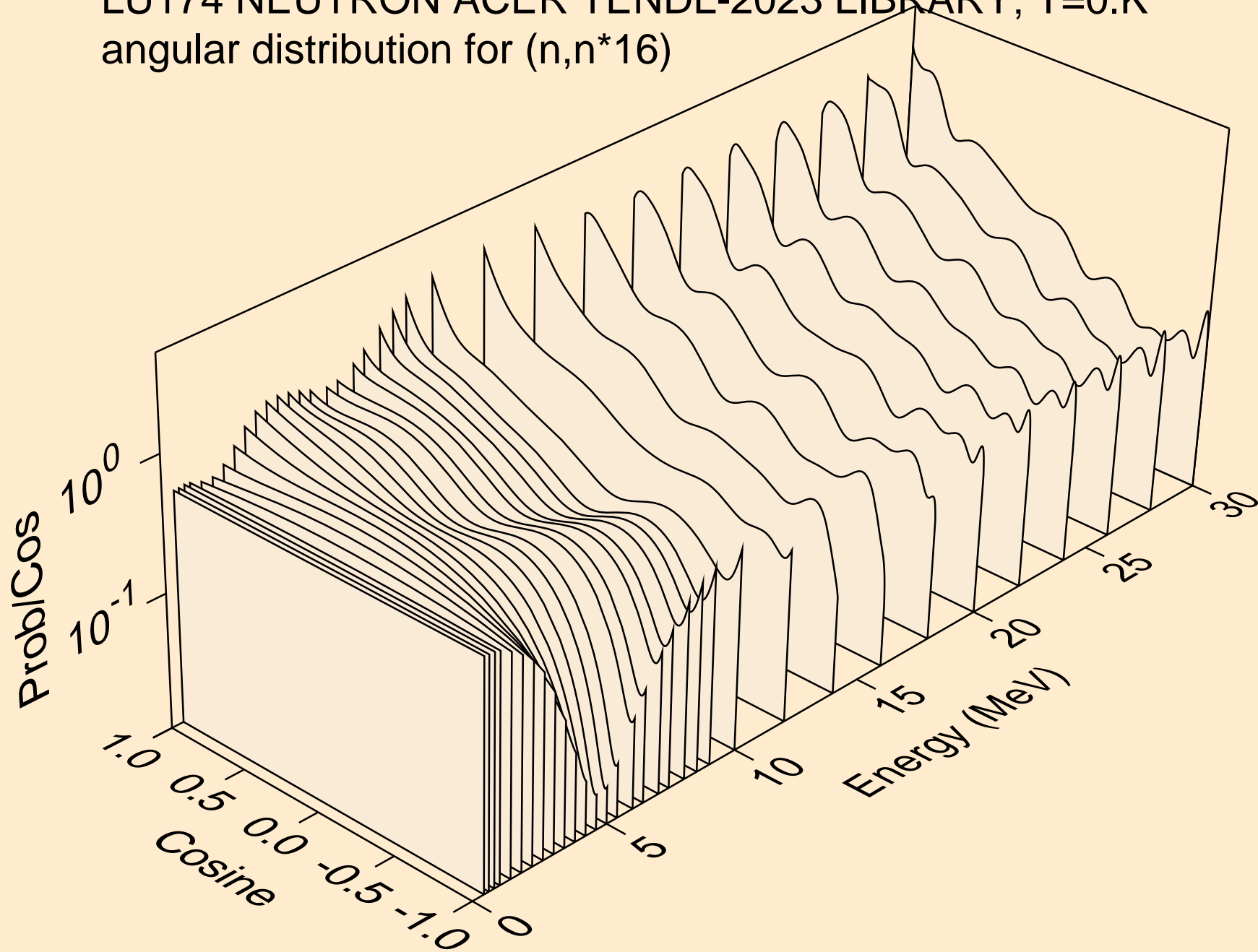
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angular distribution for (n,n\*14)



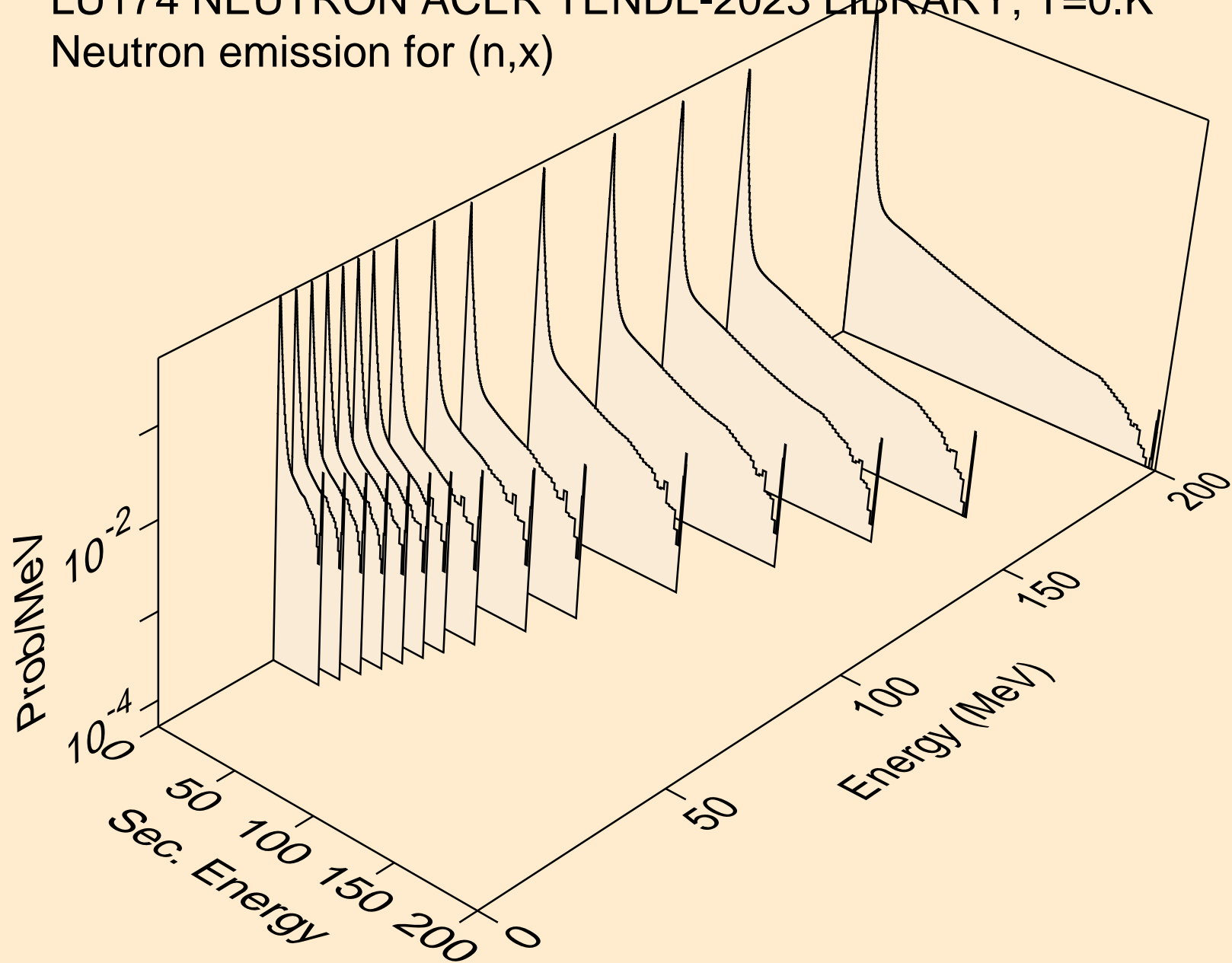
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



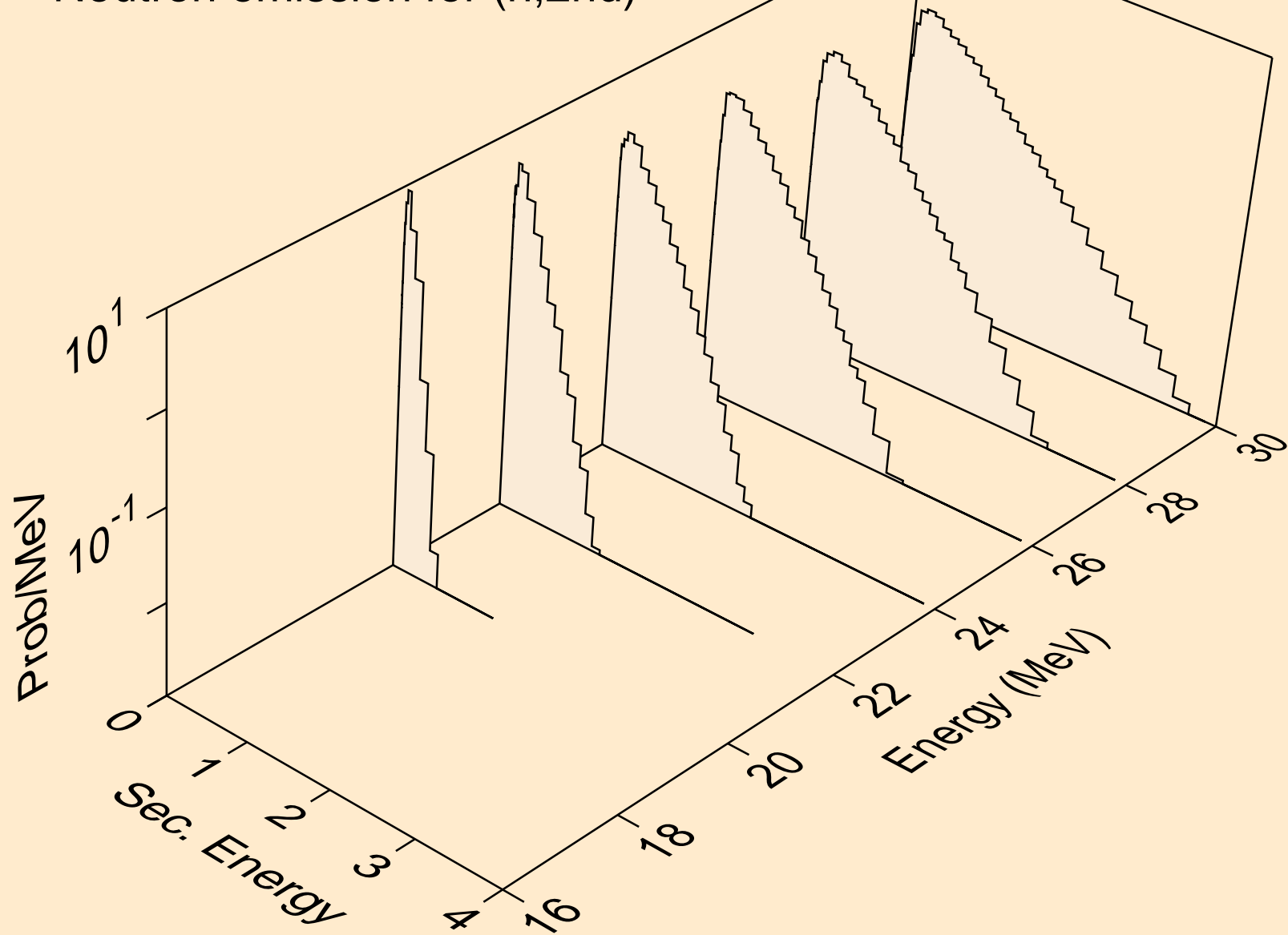
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

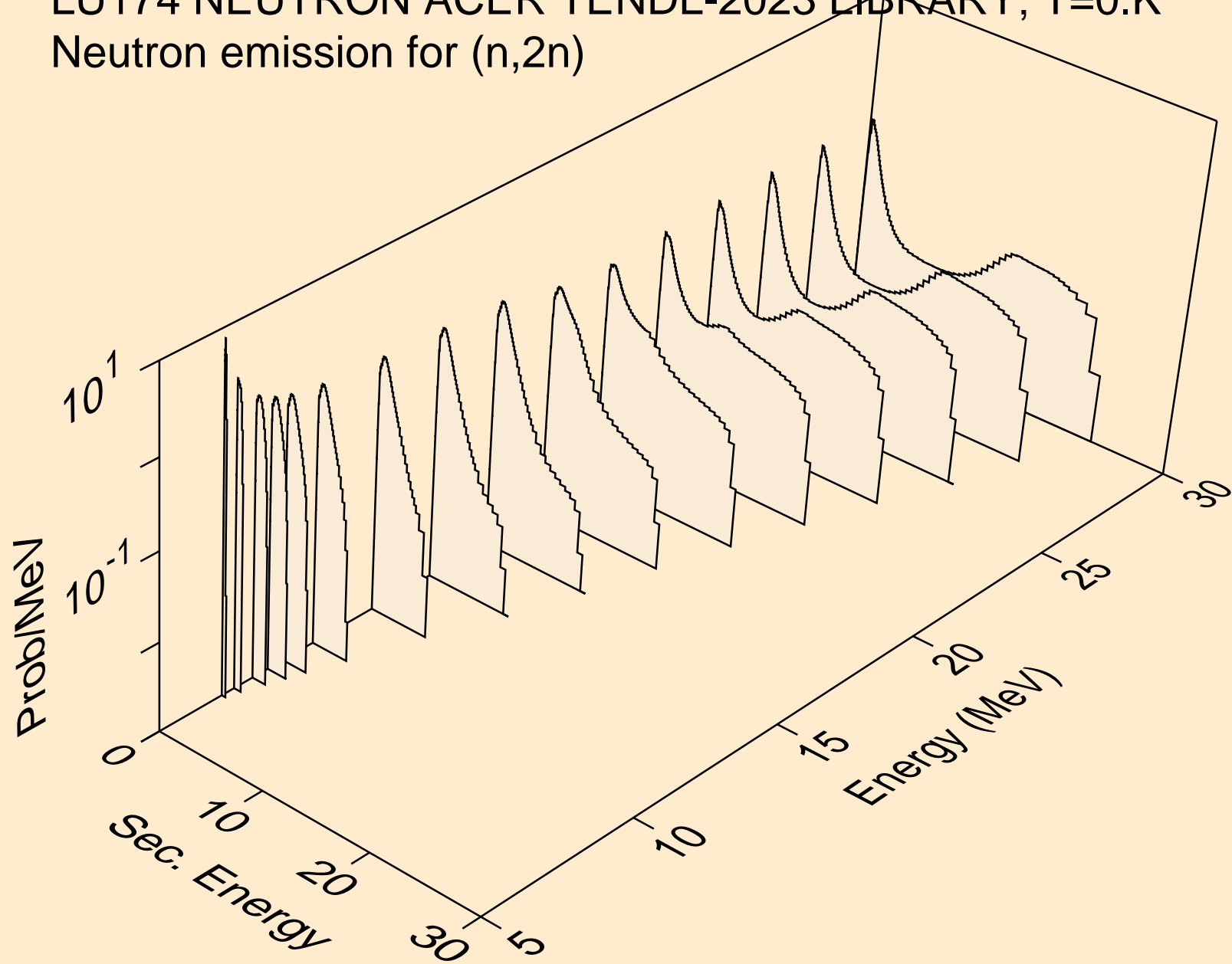


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

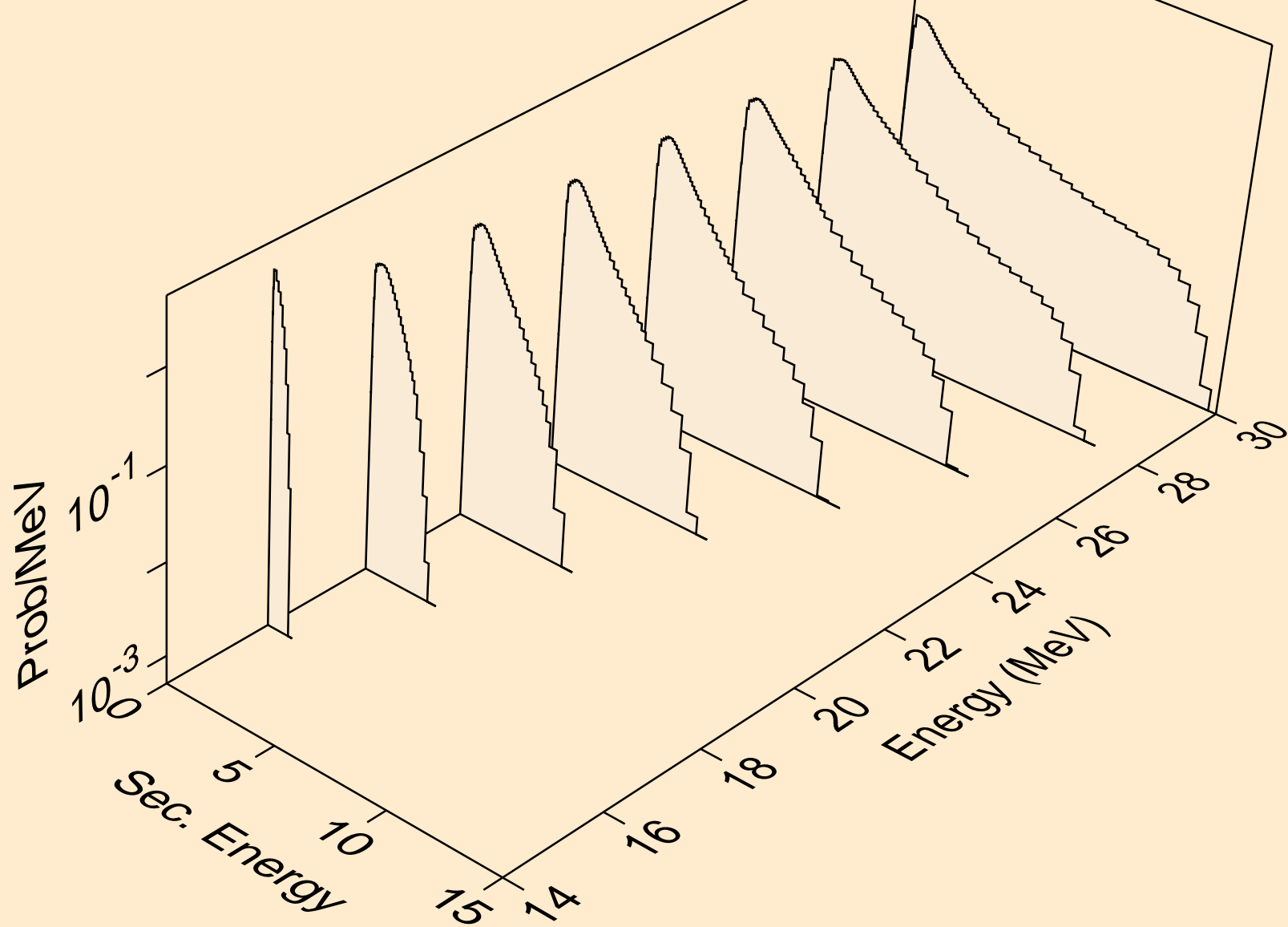




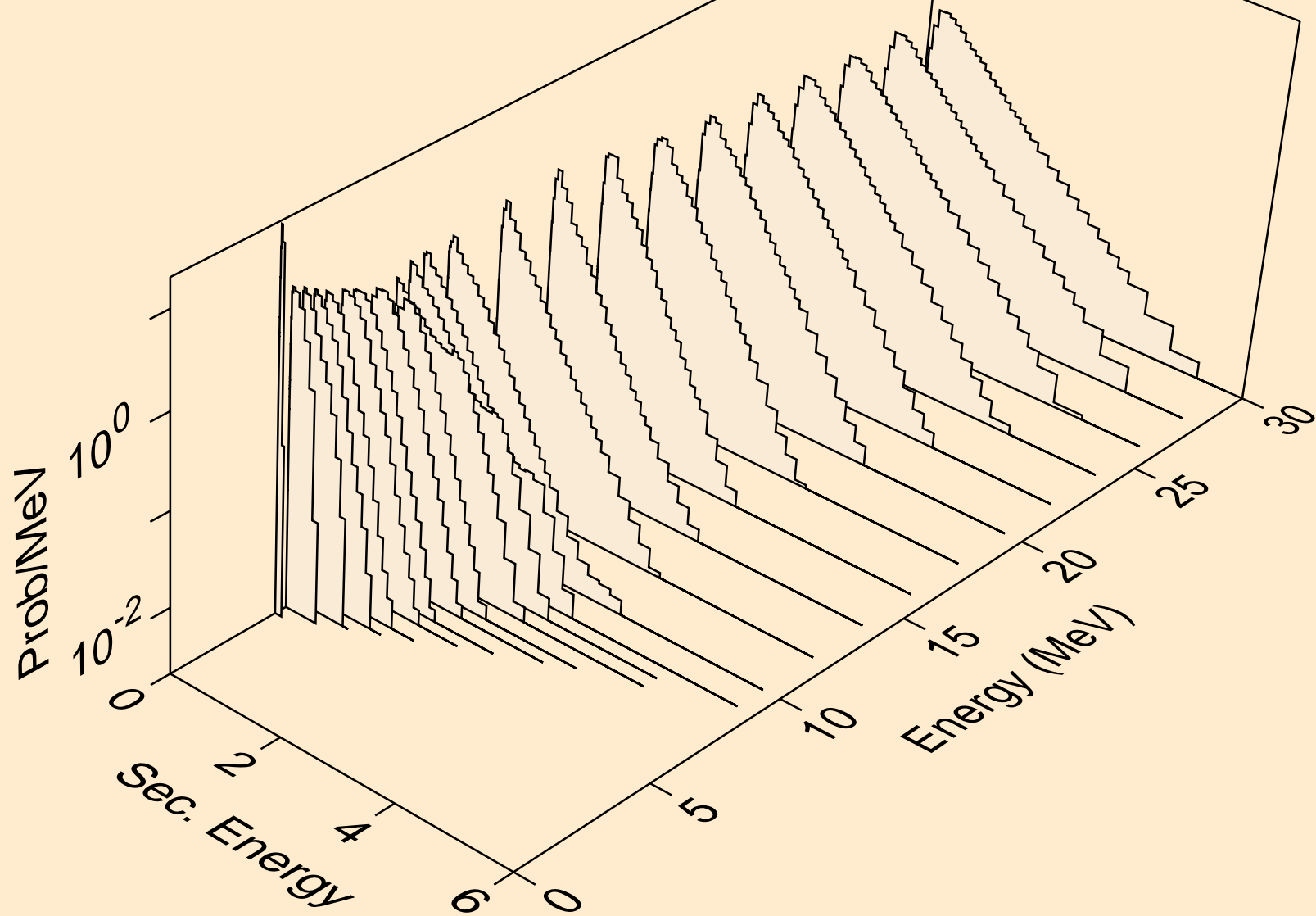
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



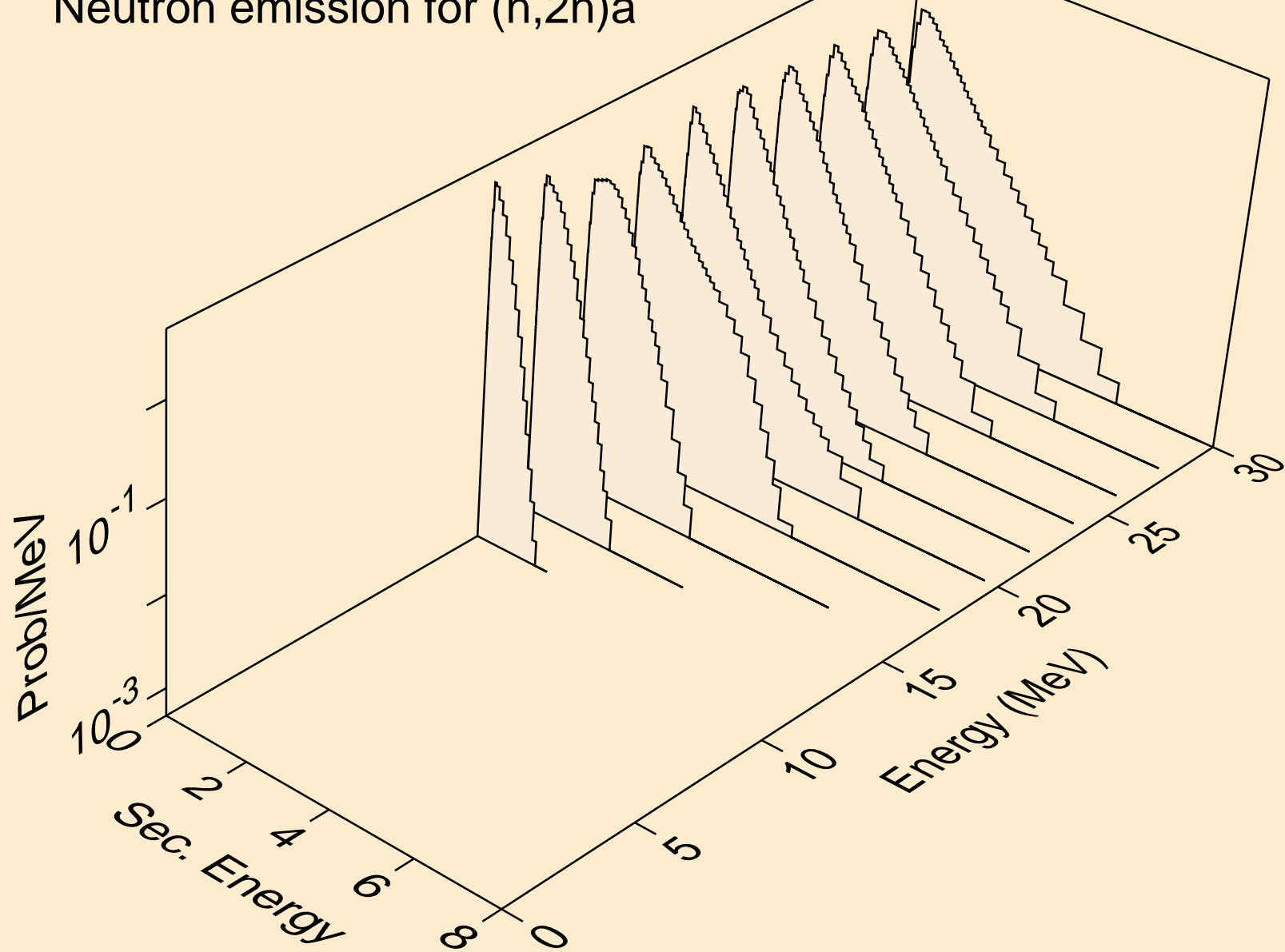
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



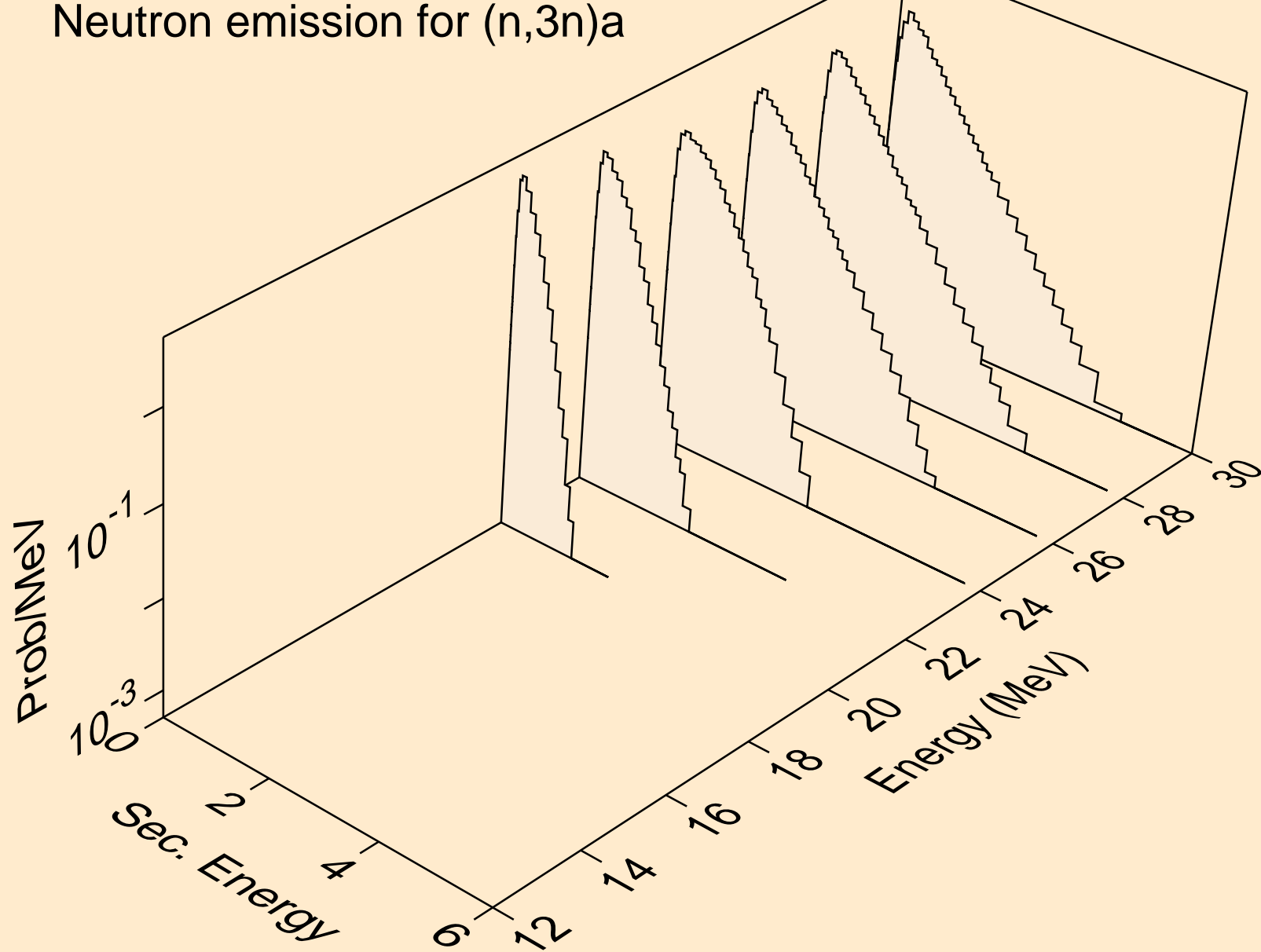
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



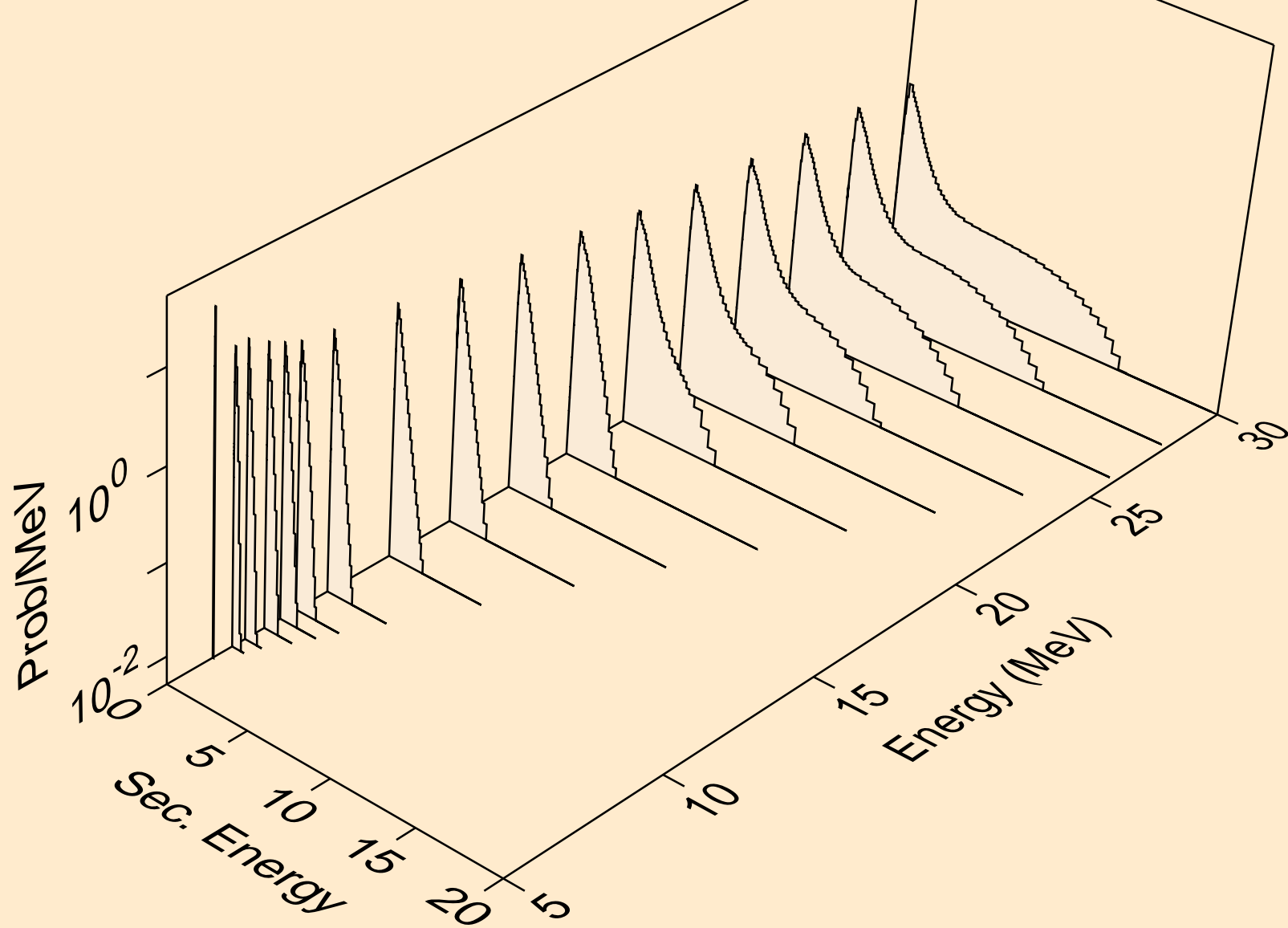
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



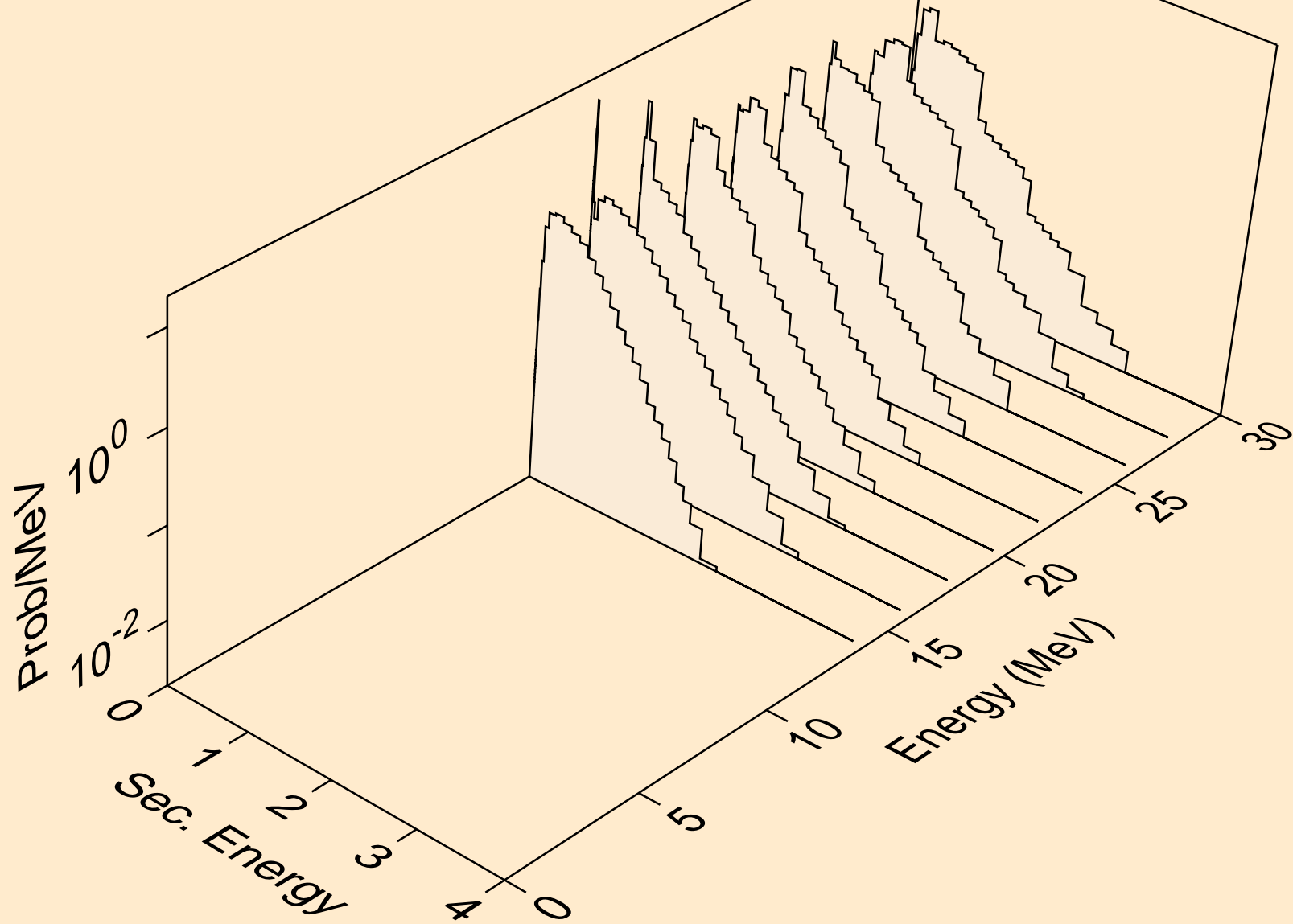
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



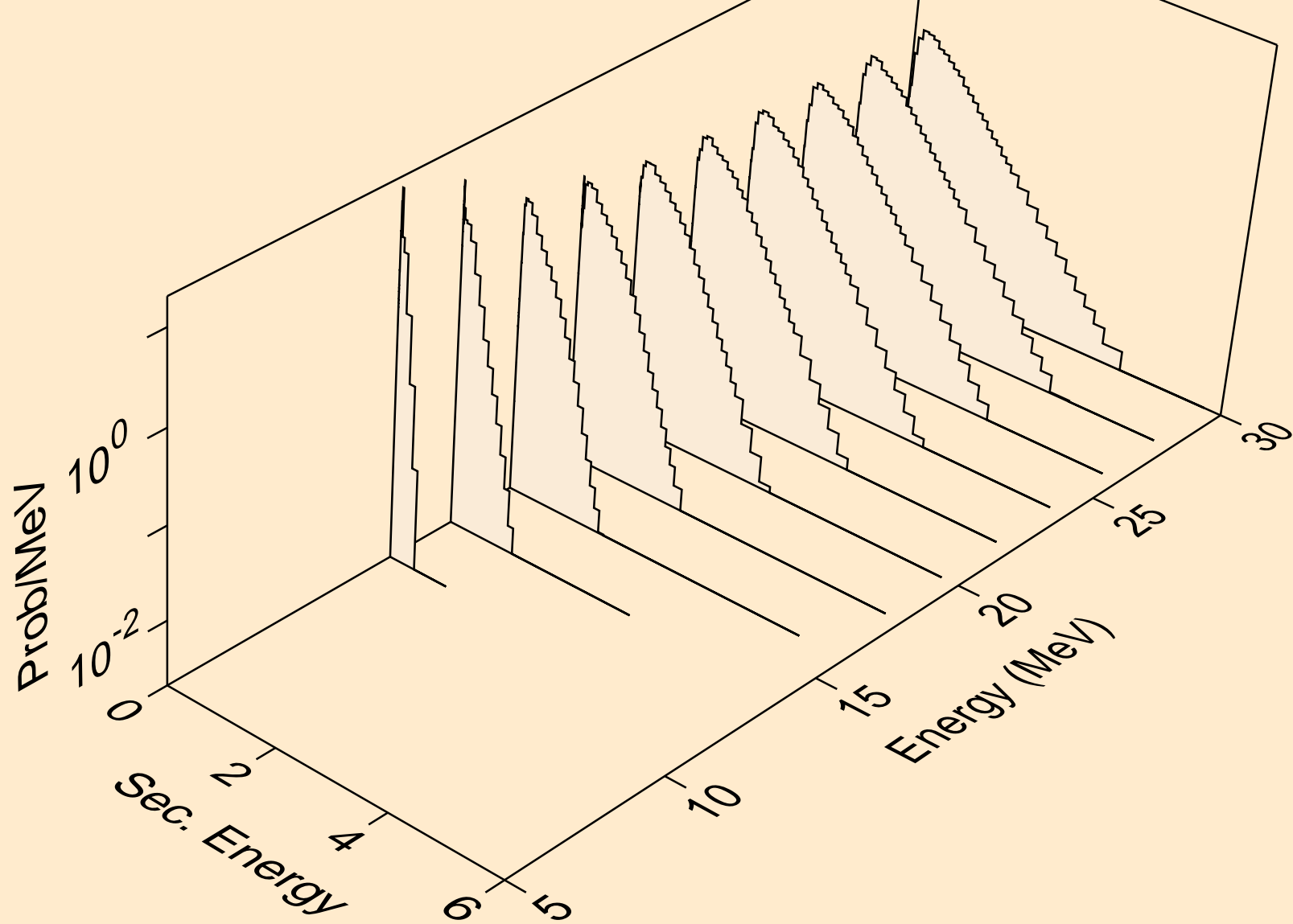
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

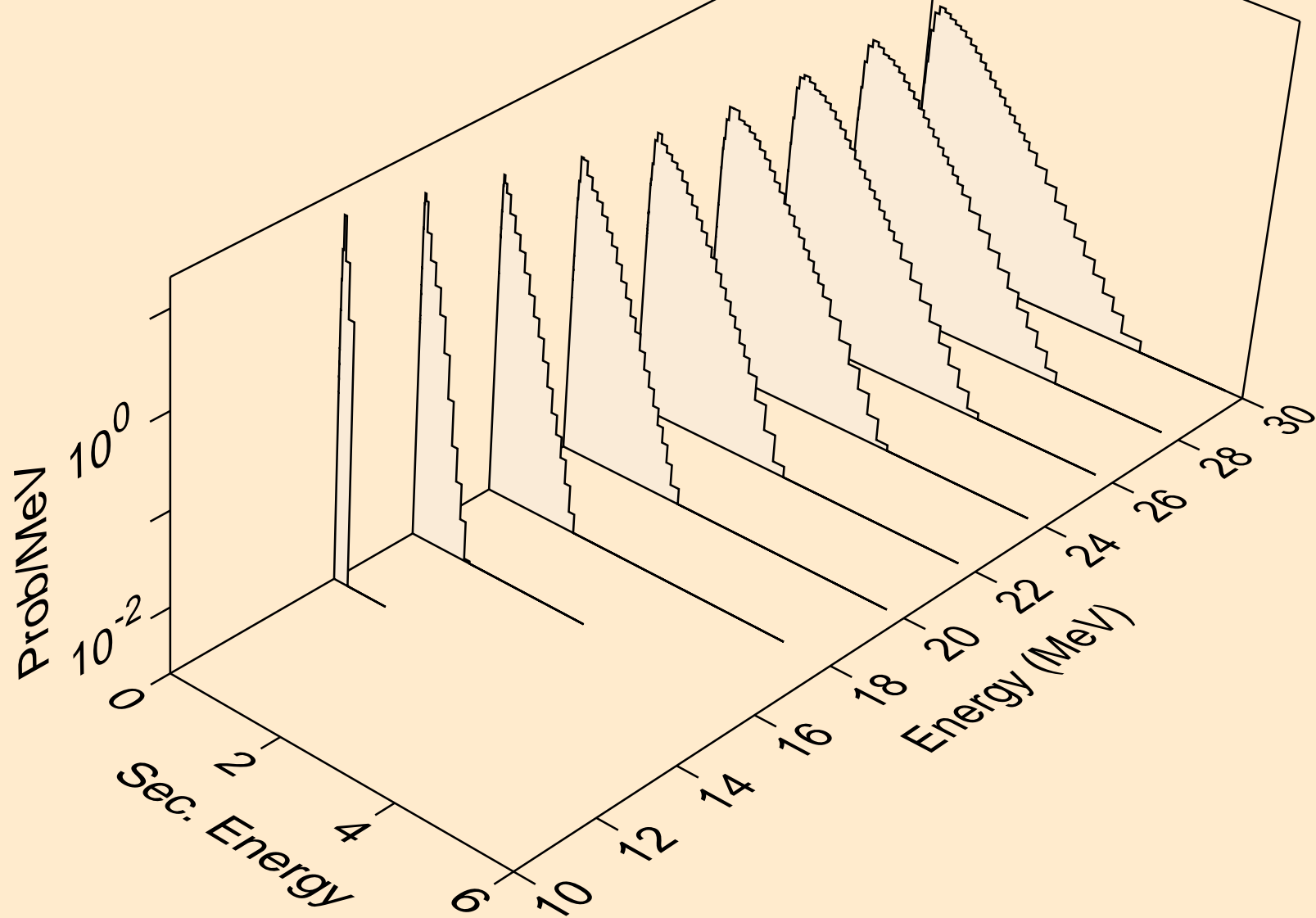


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

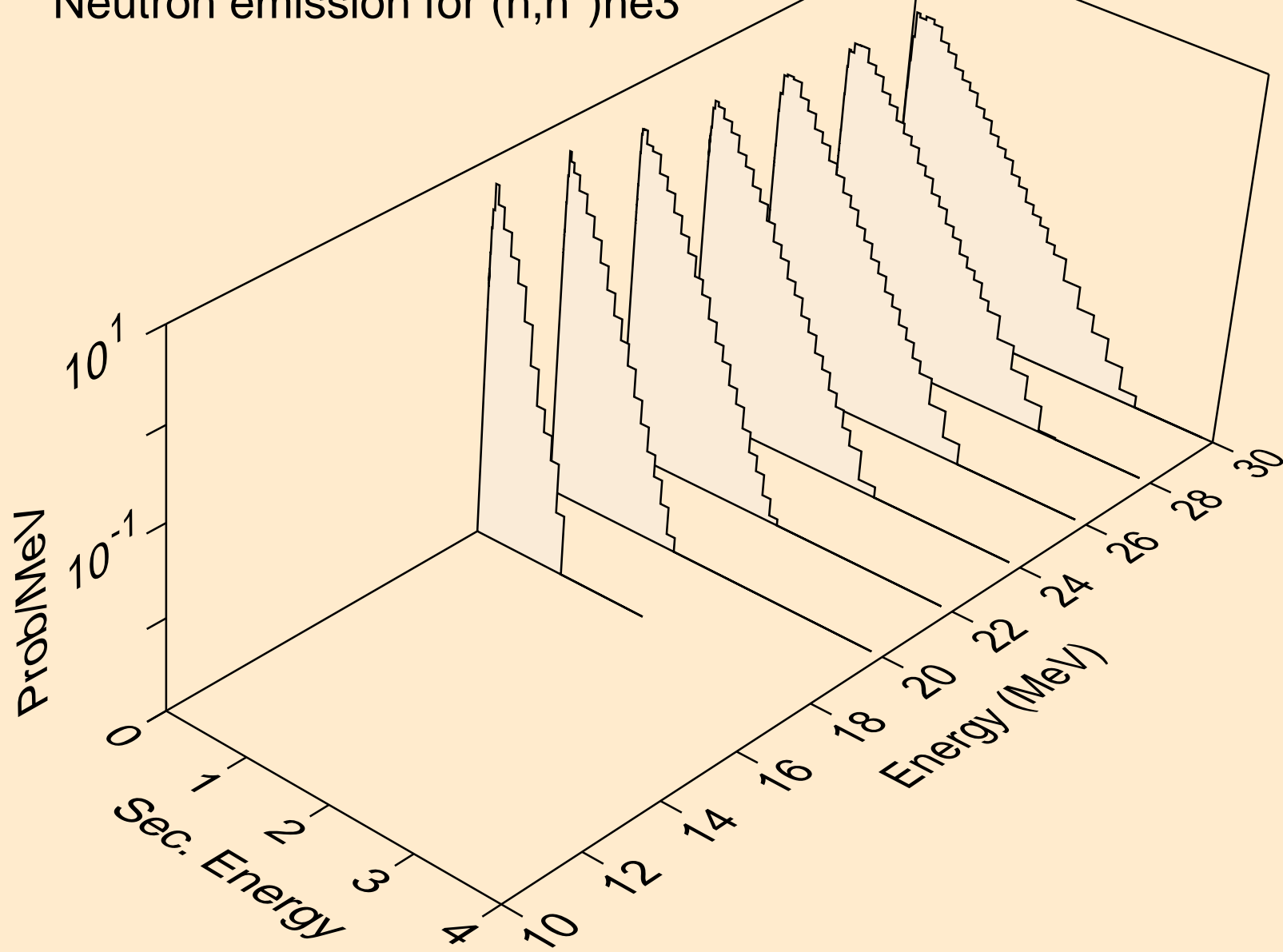




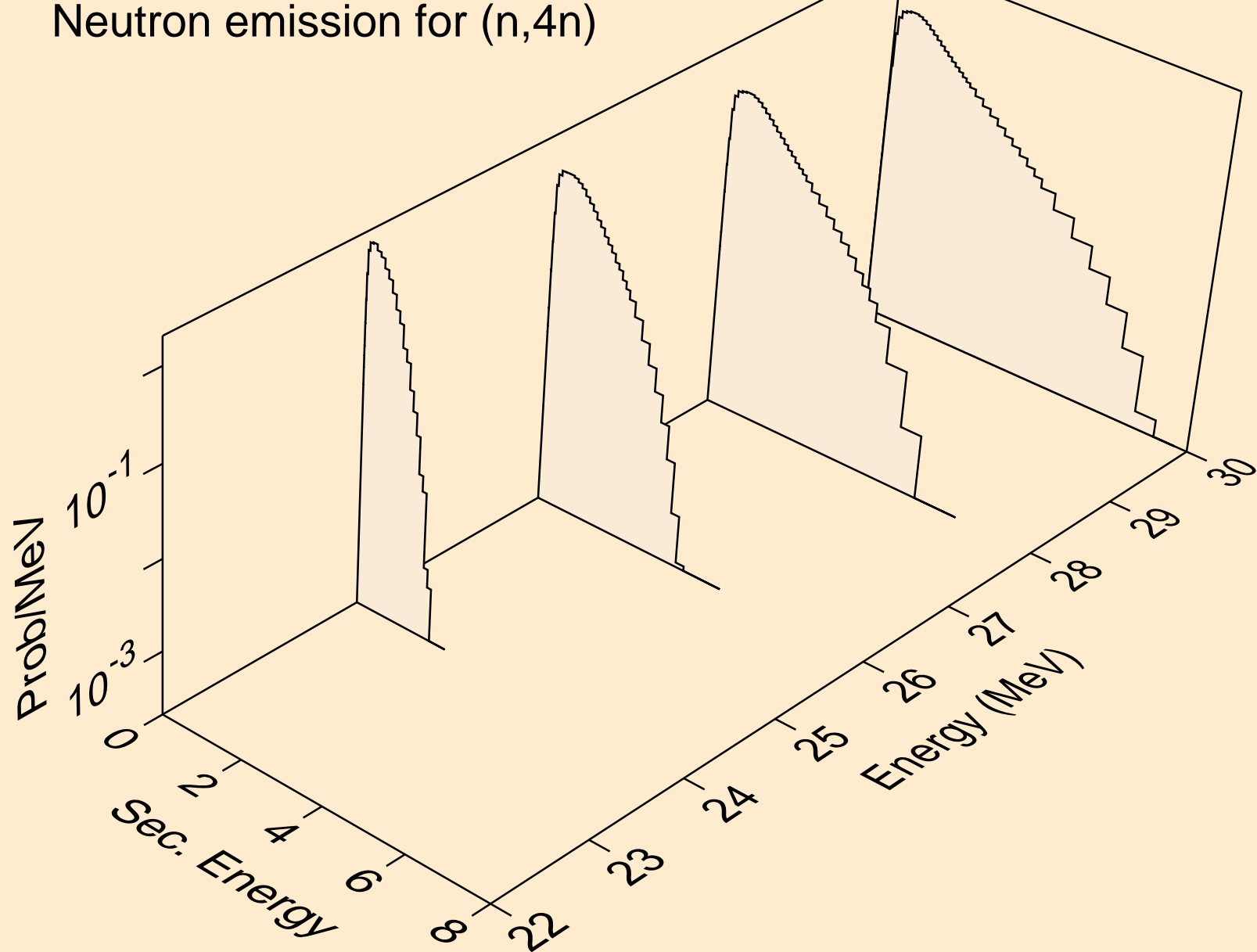
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



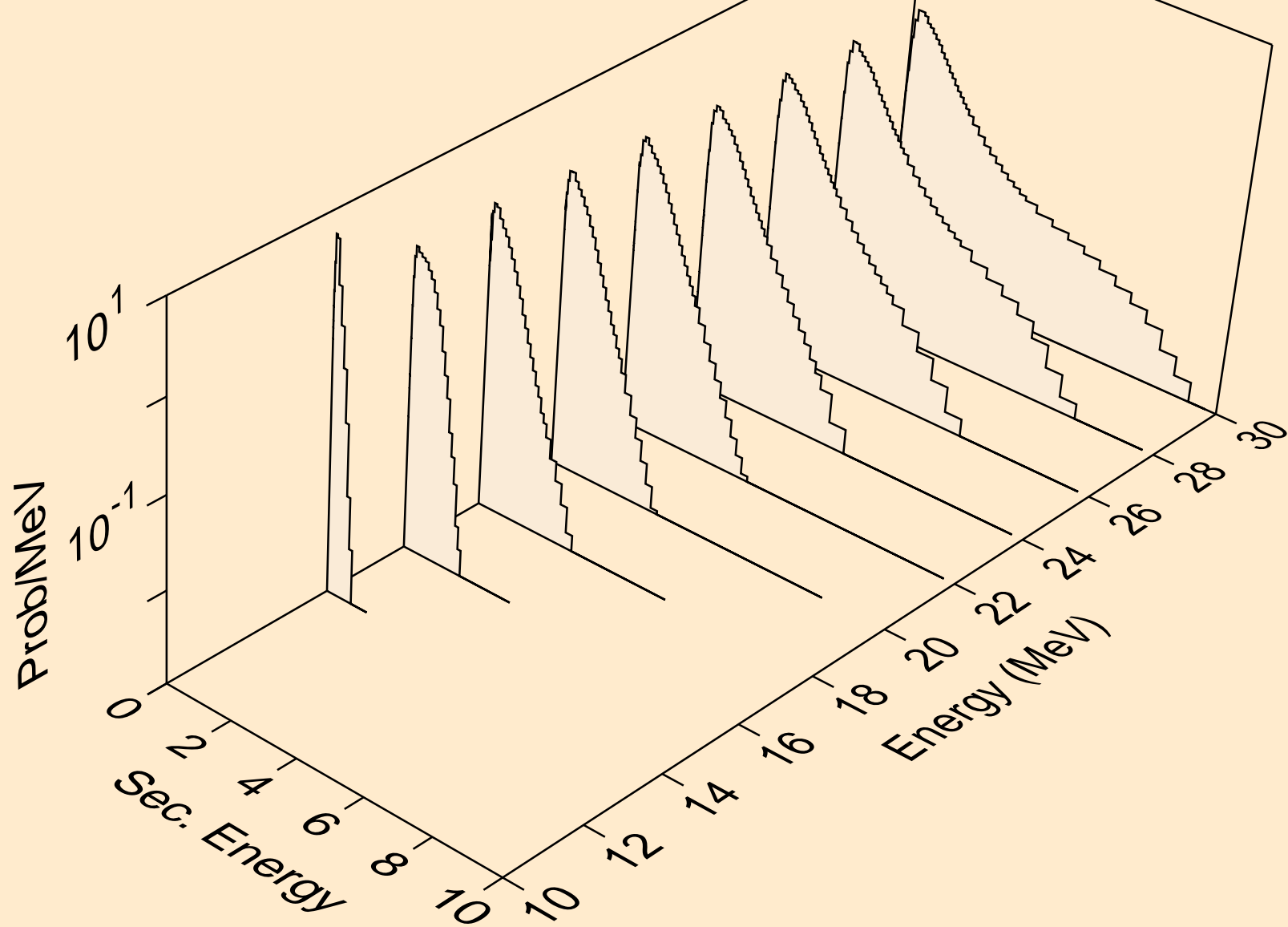
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



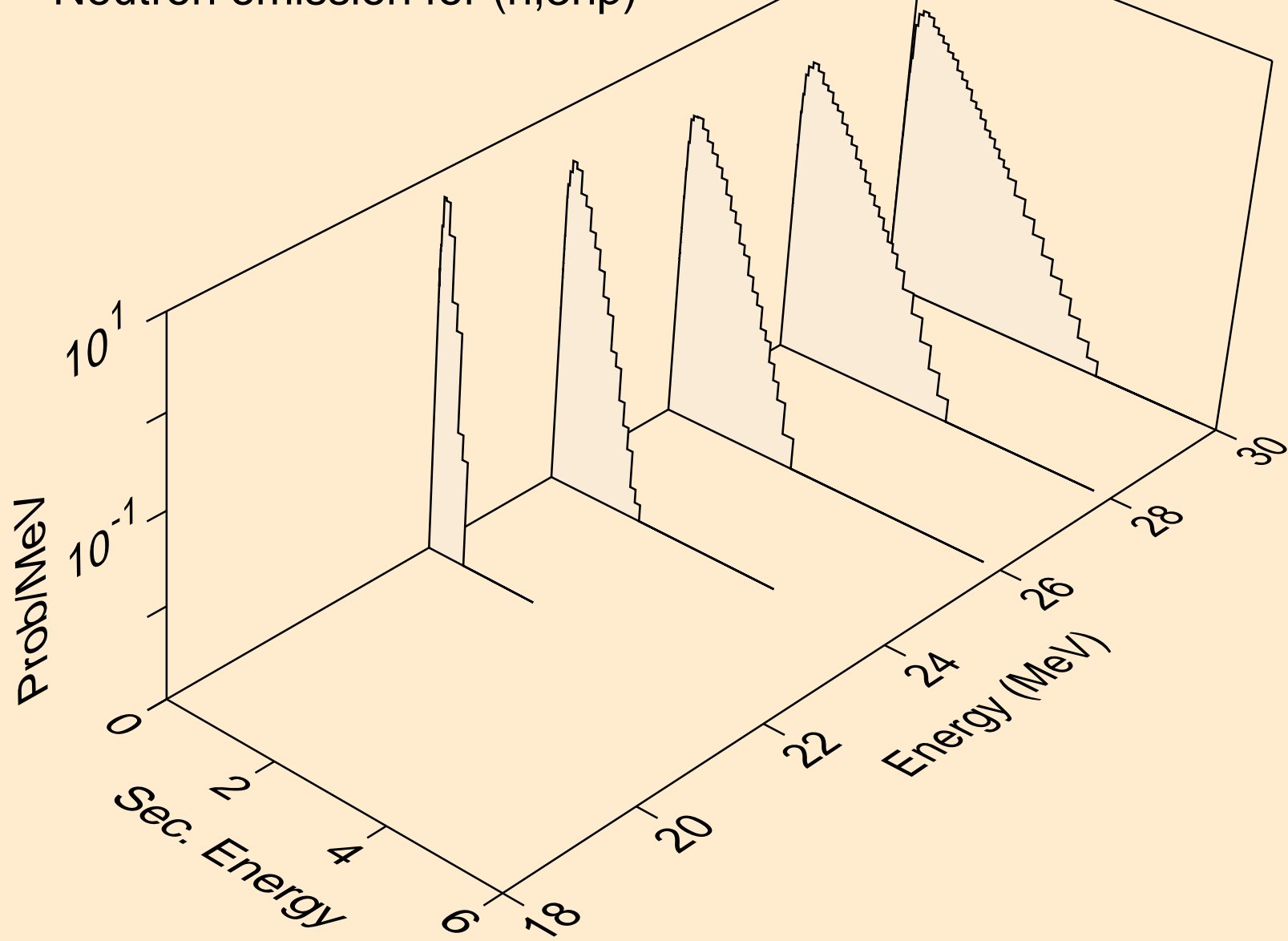
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



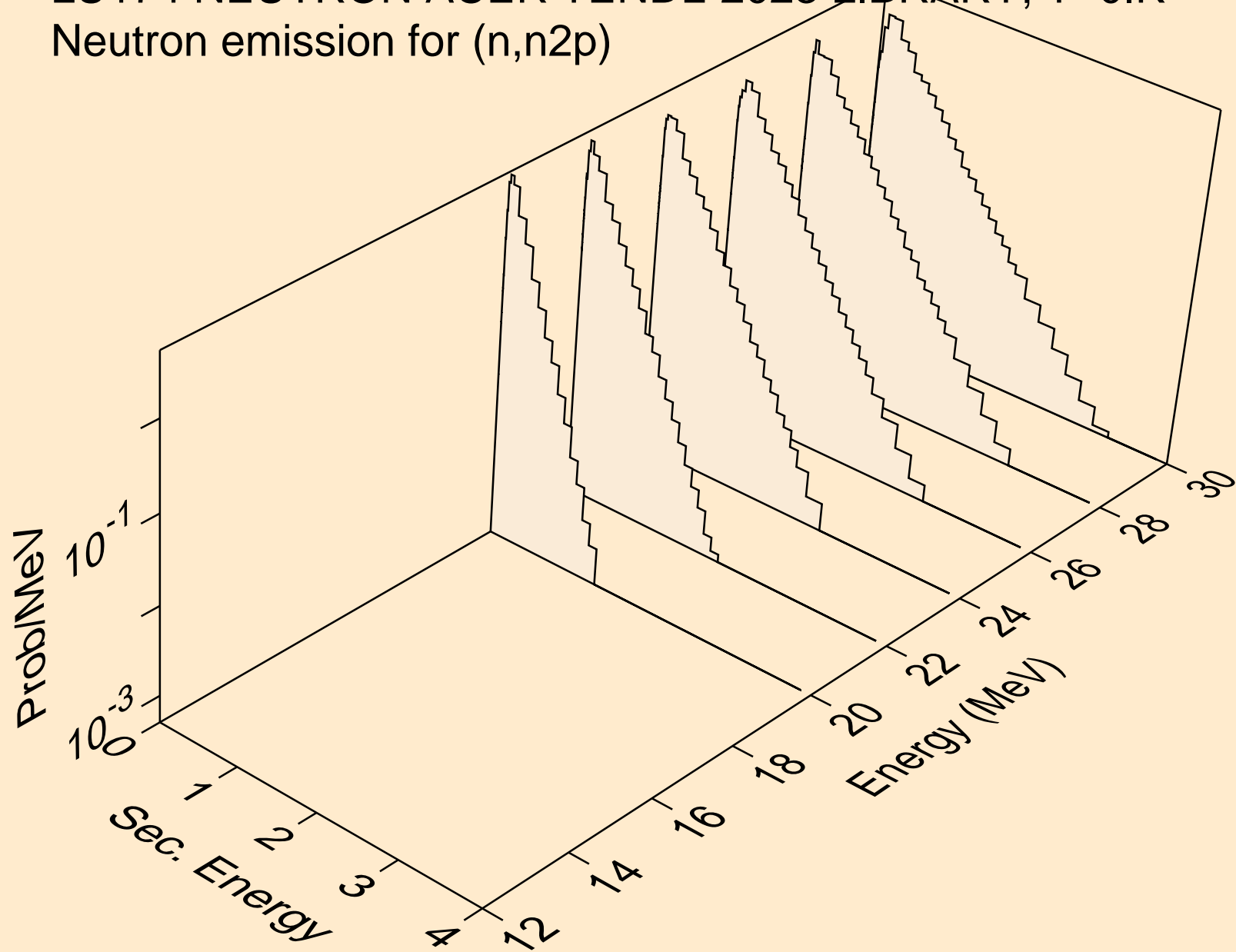
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



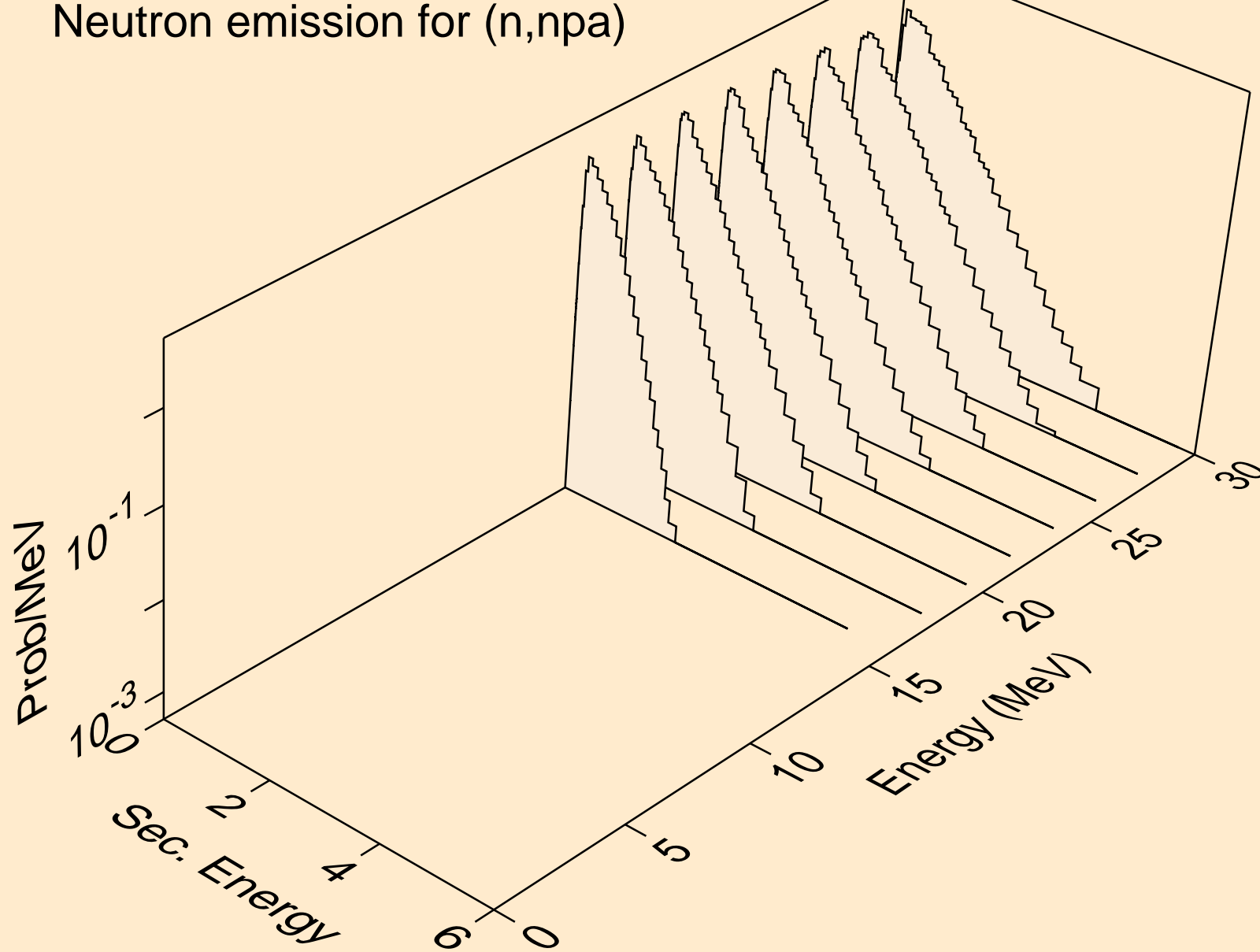
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



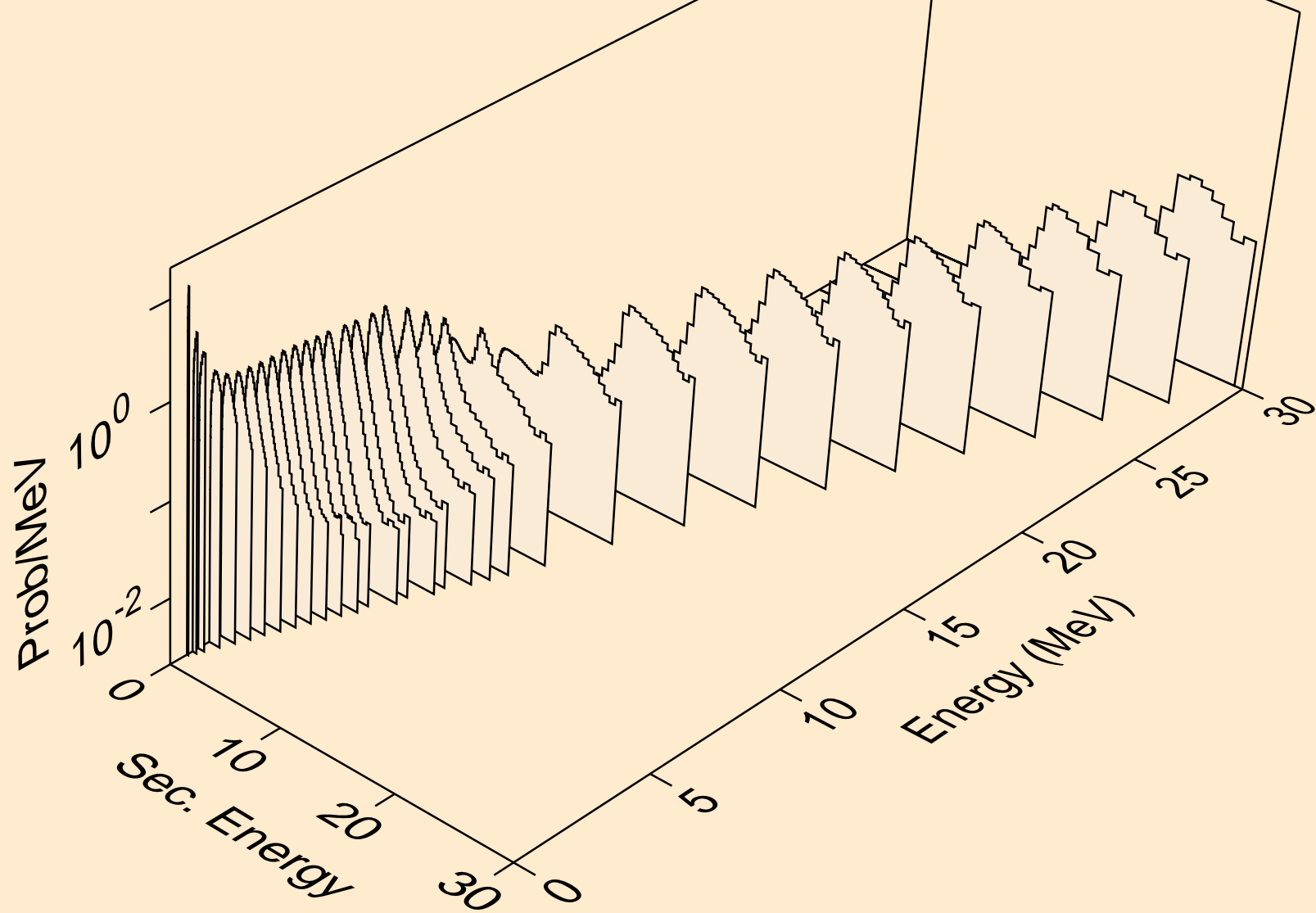
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

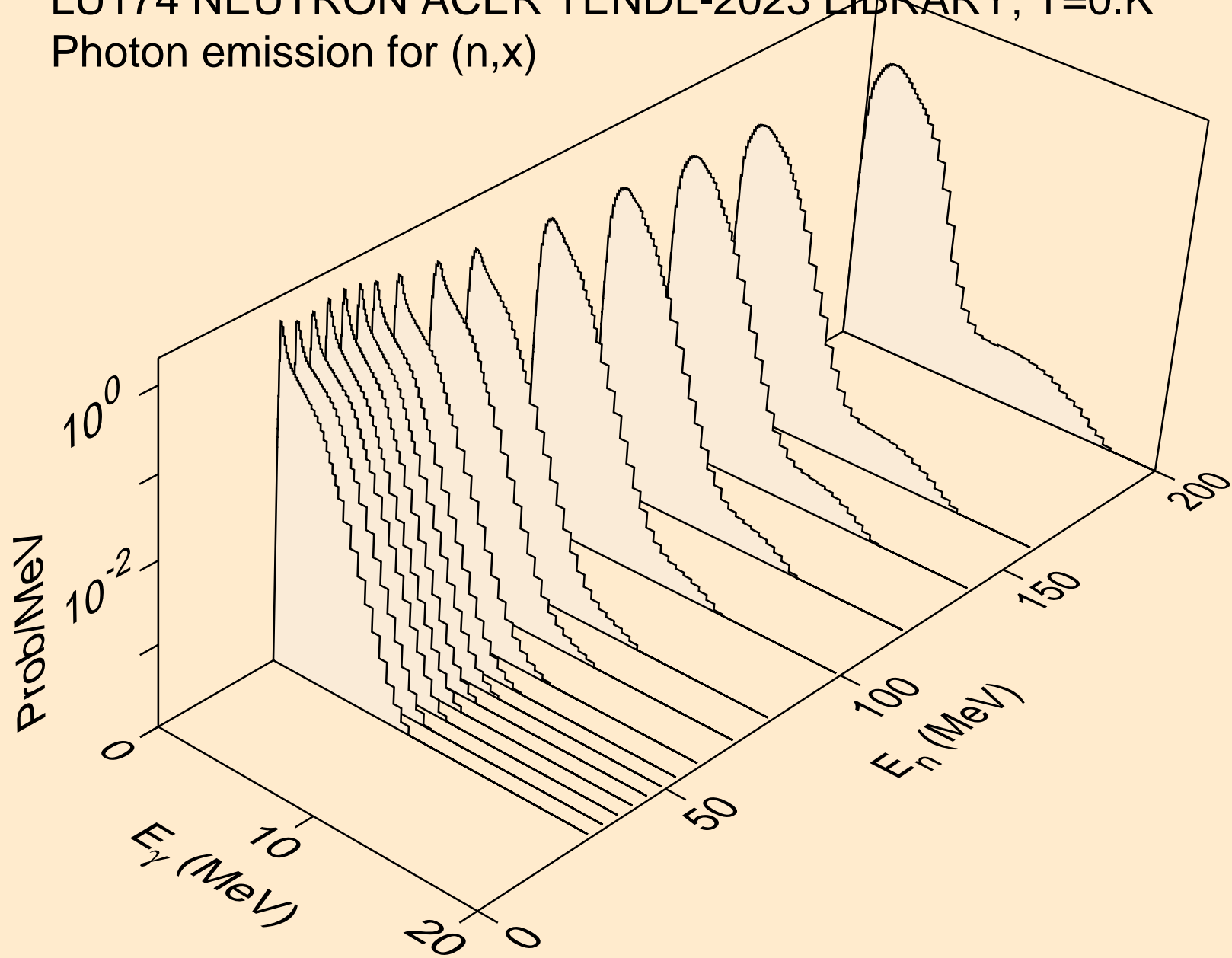


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

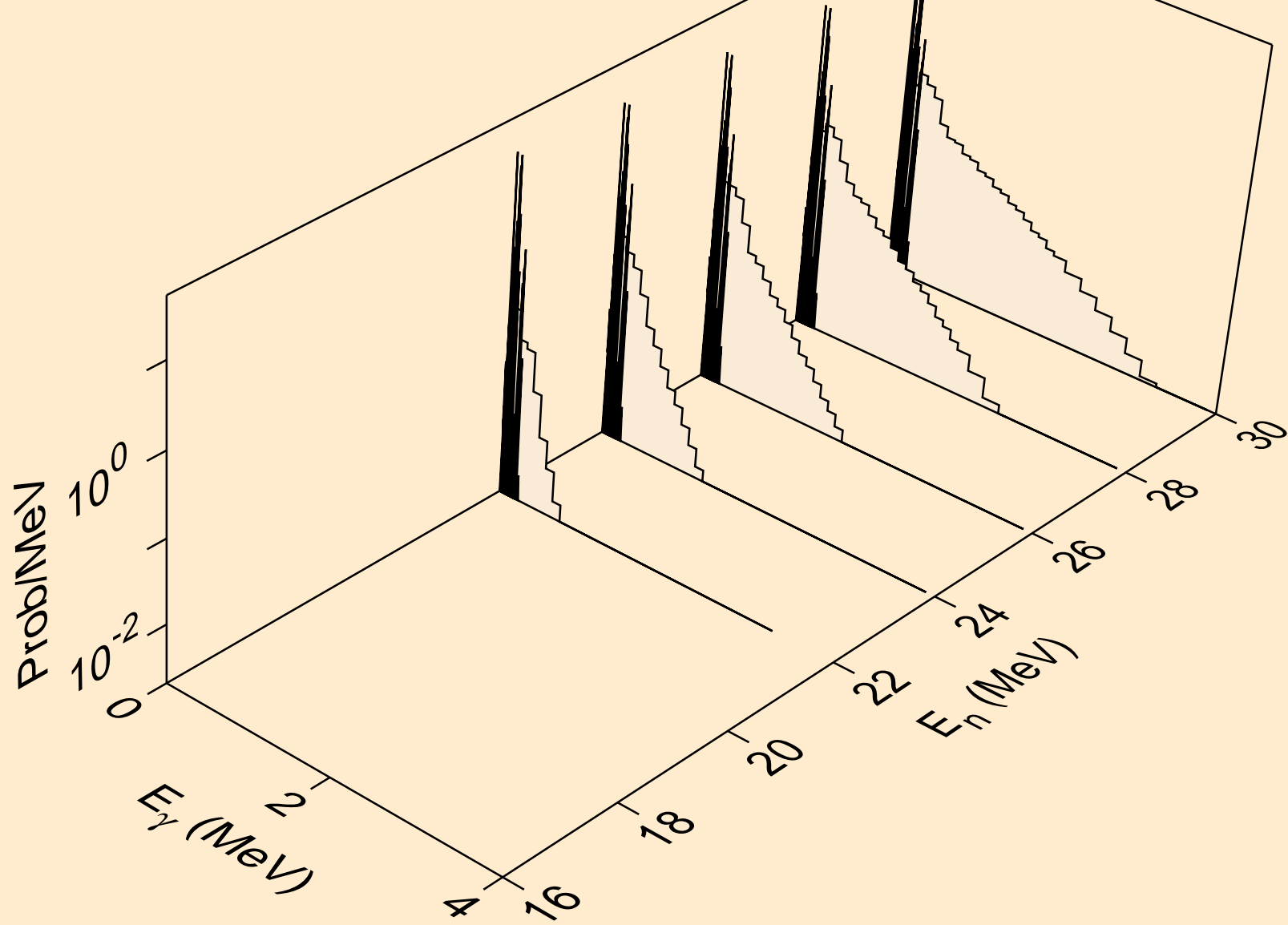




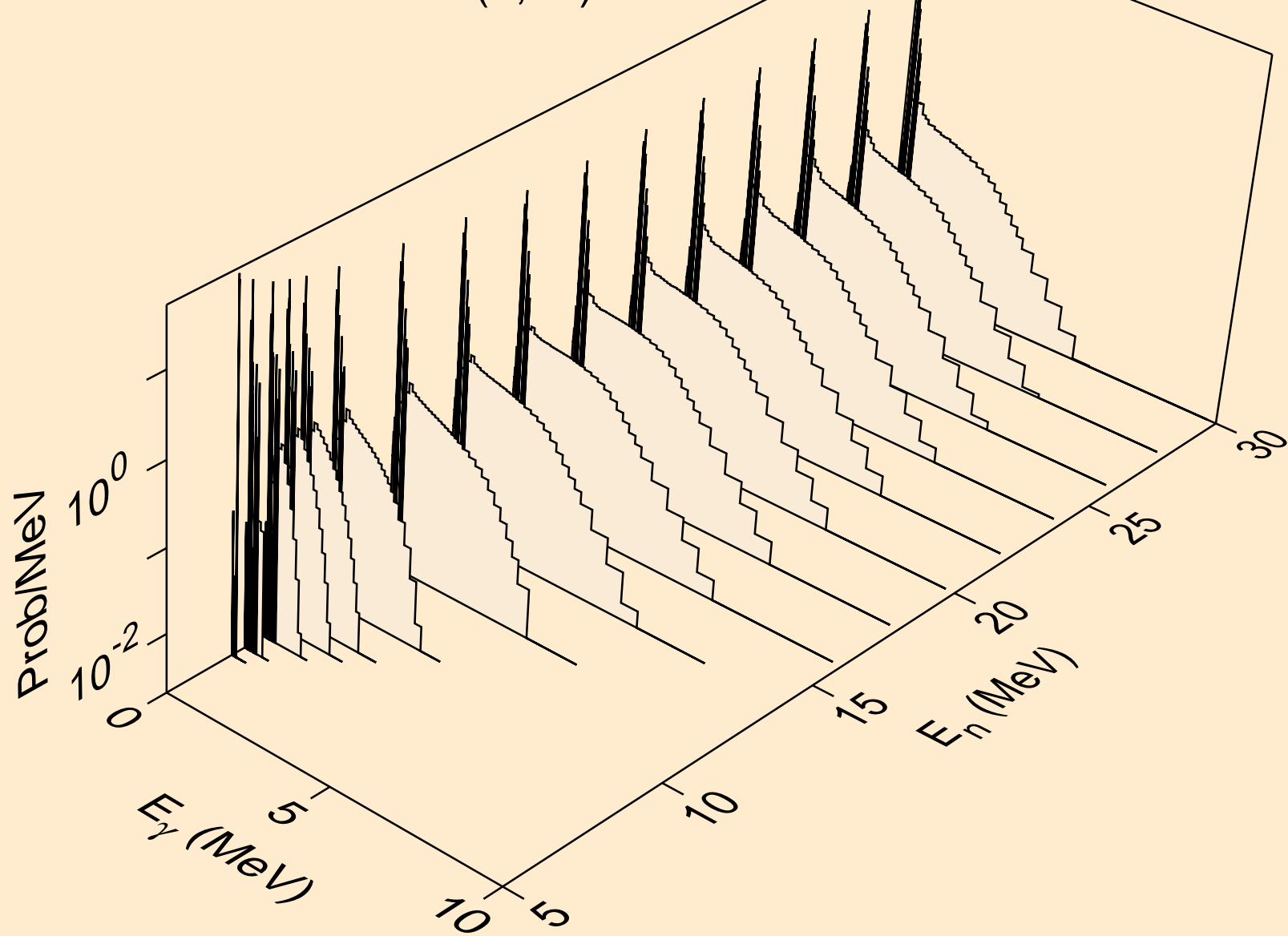
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



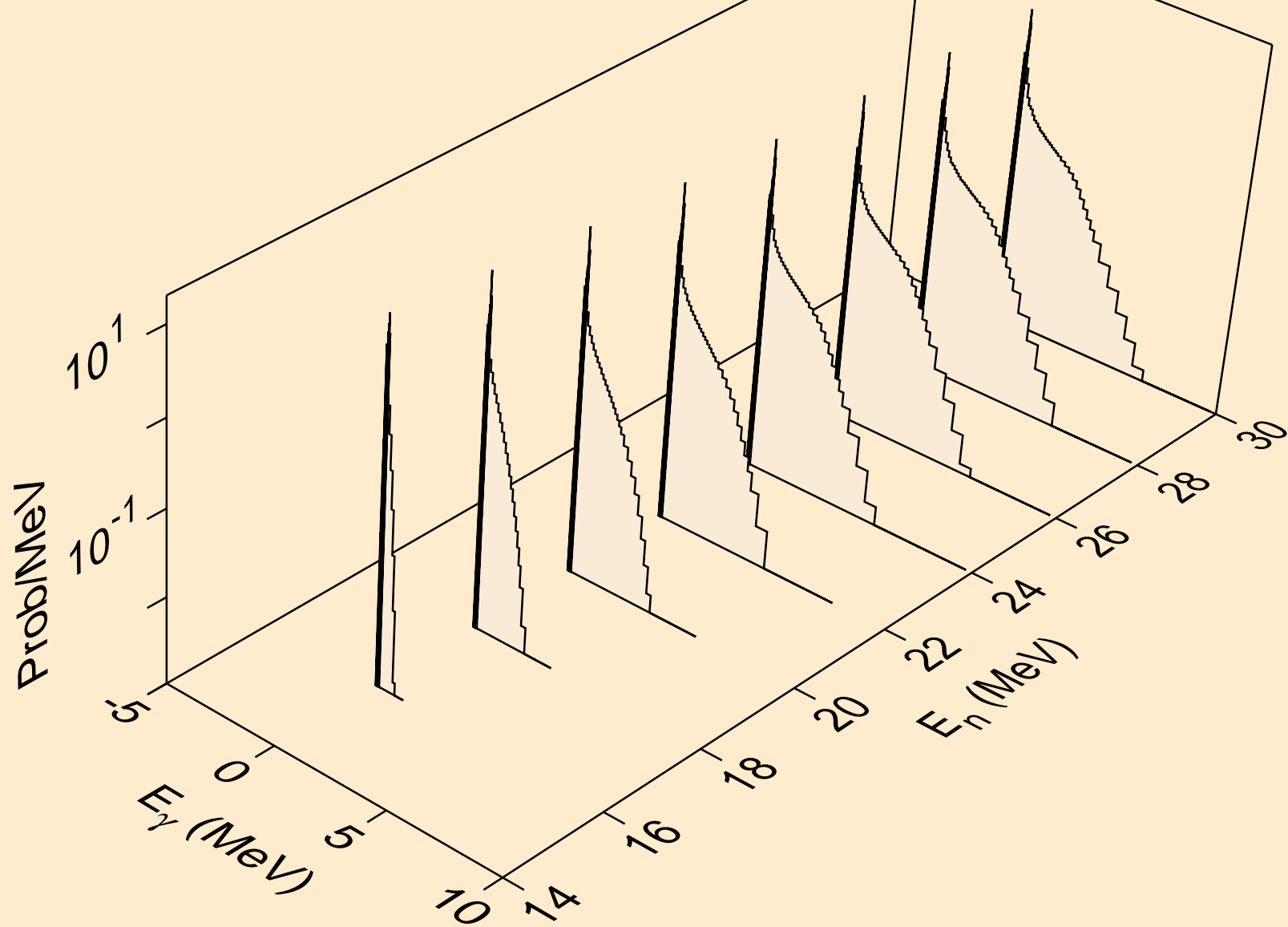
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



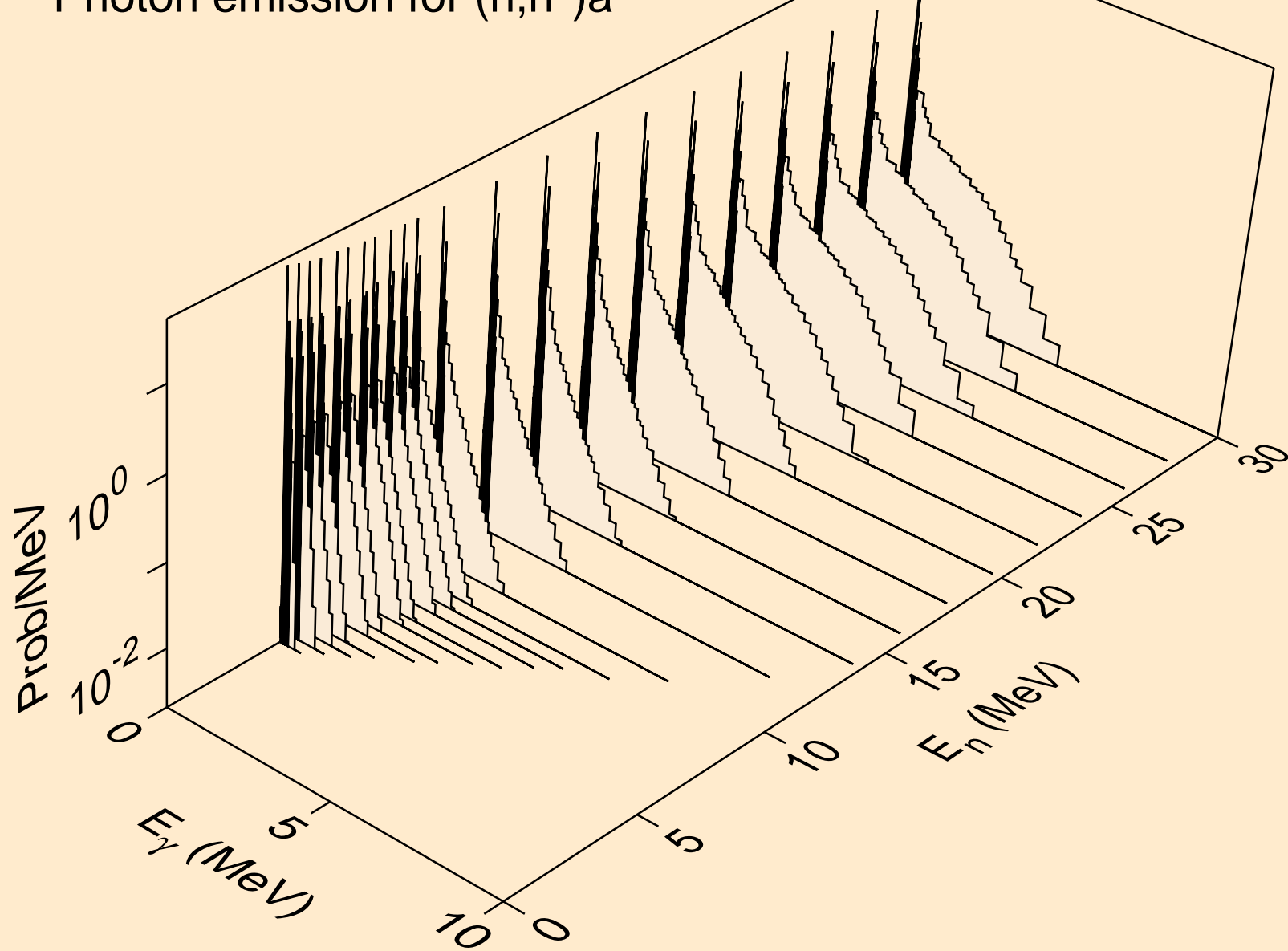
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



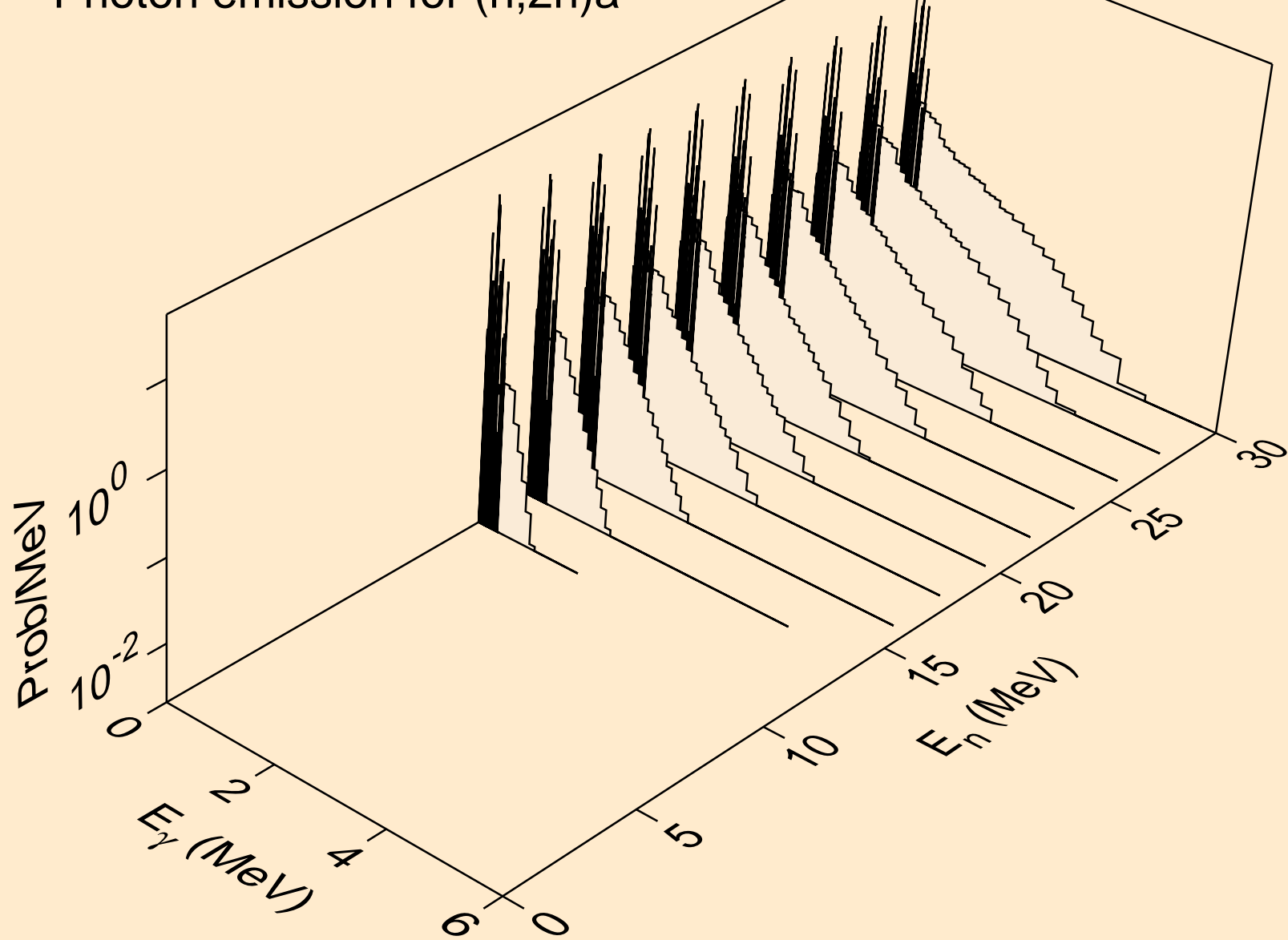
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



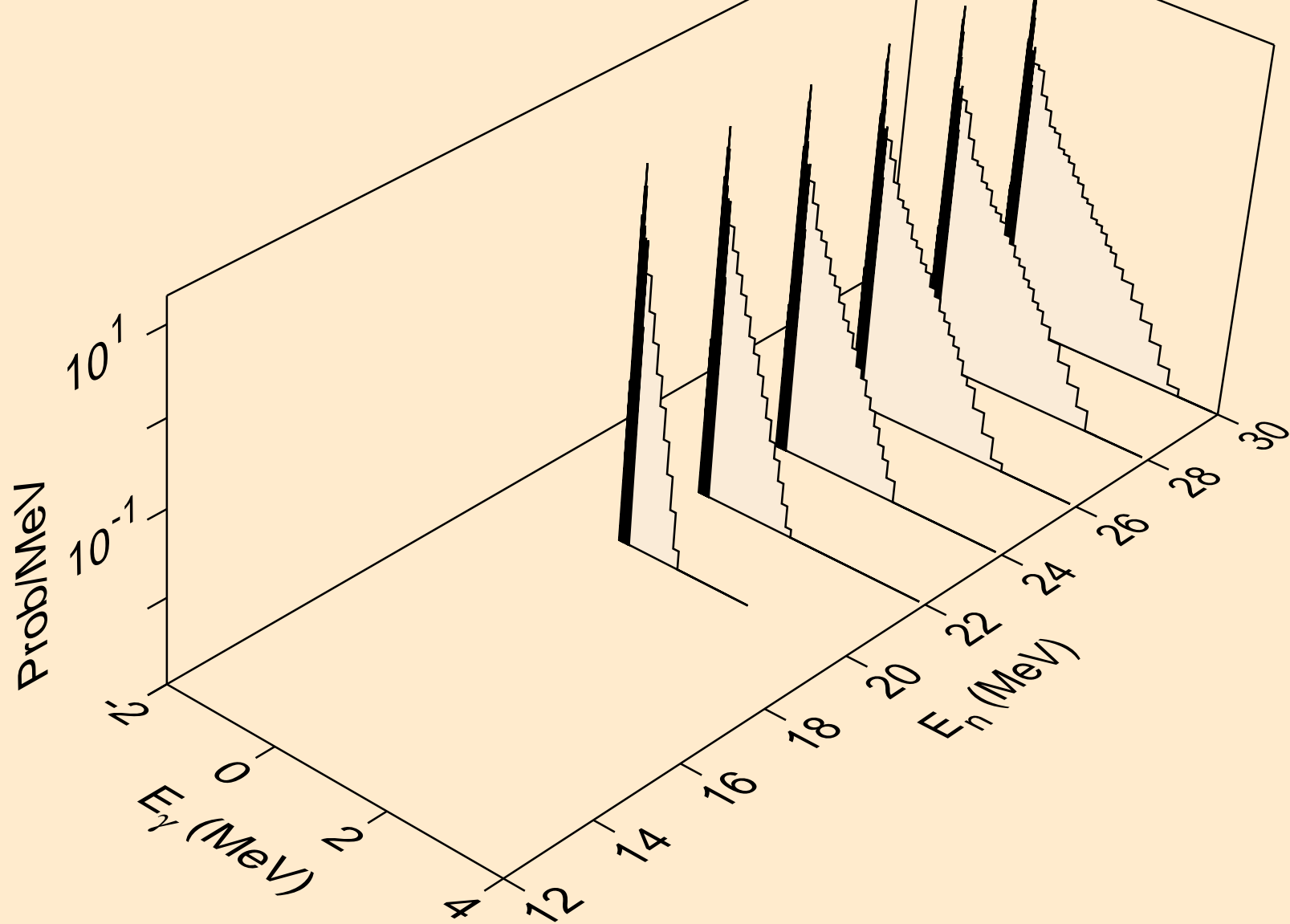
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



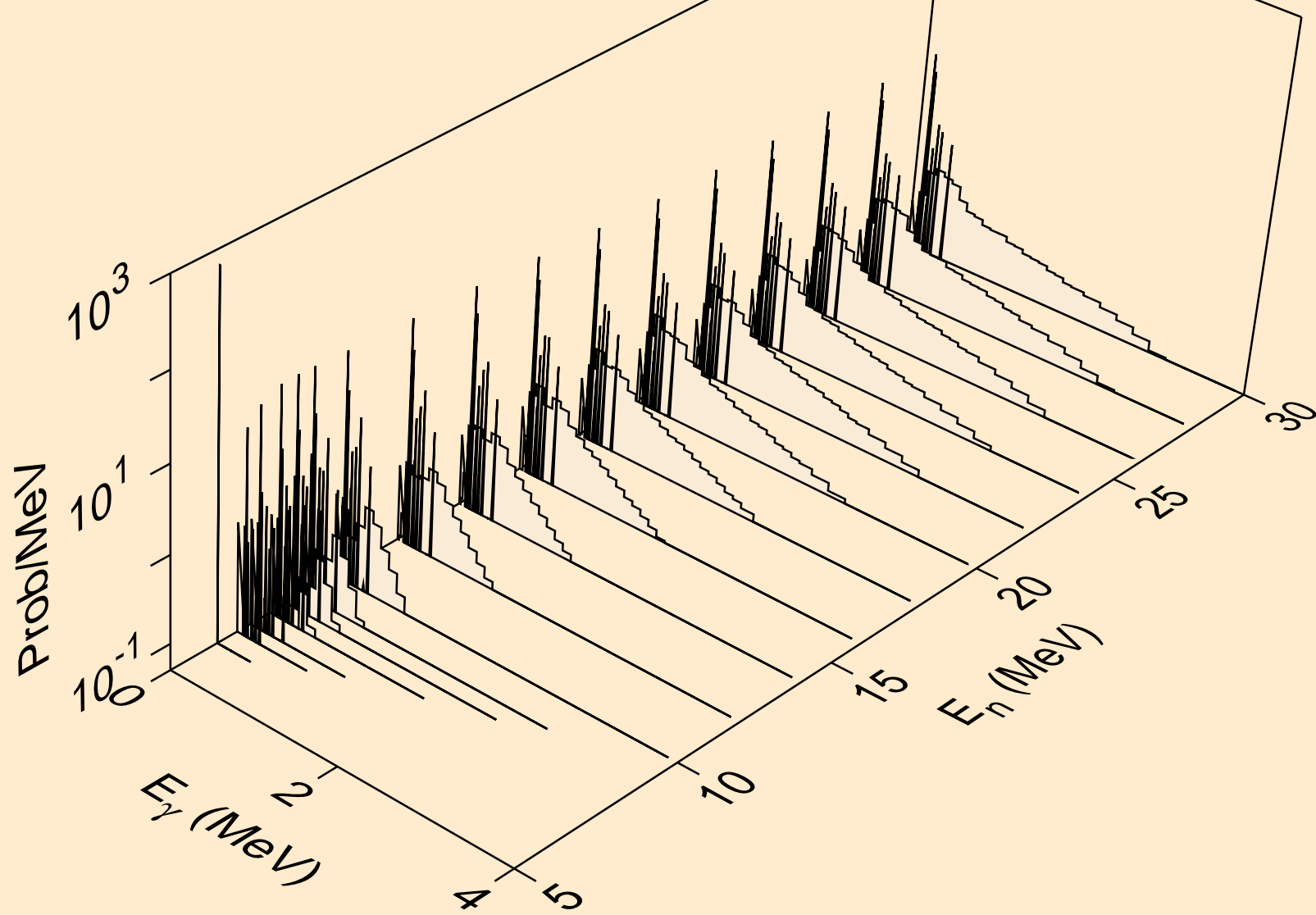
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

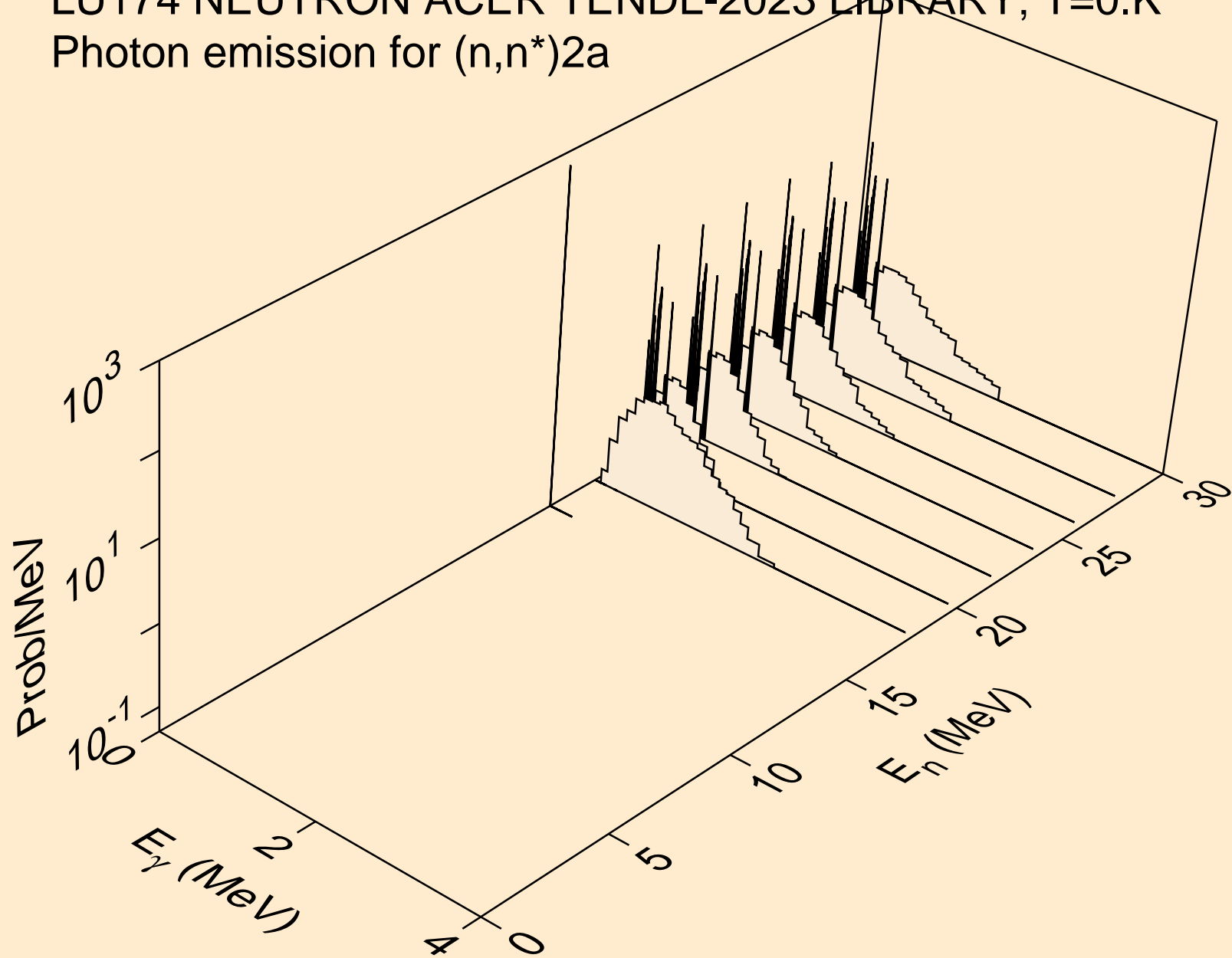


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

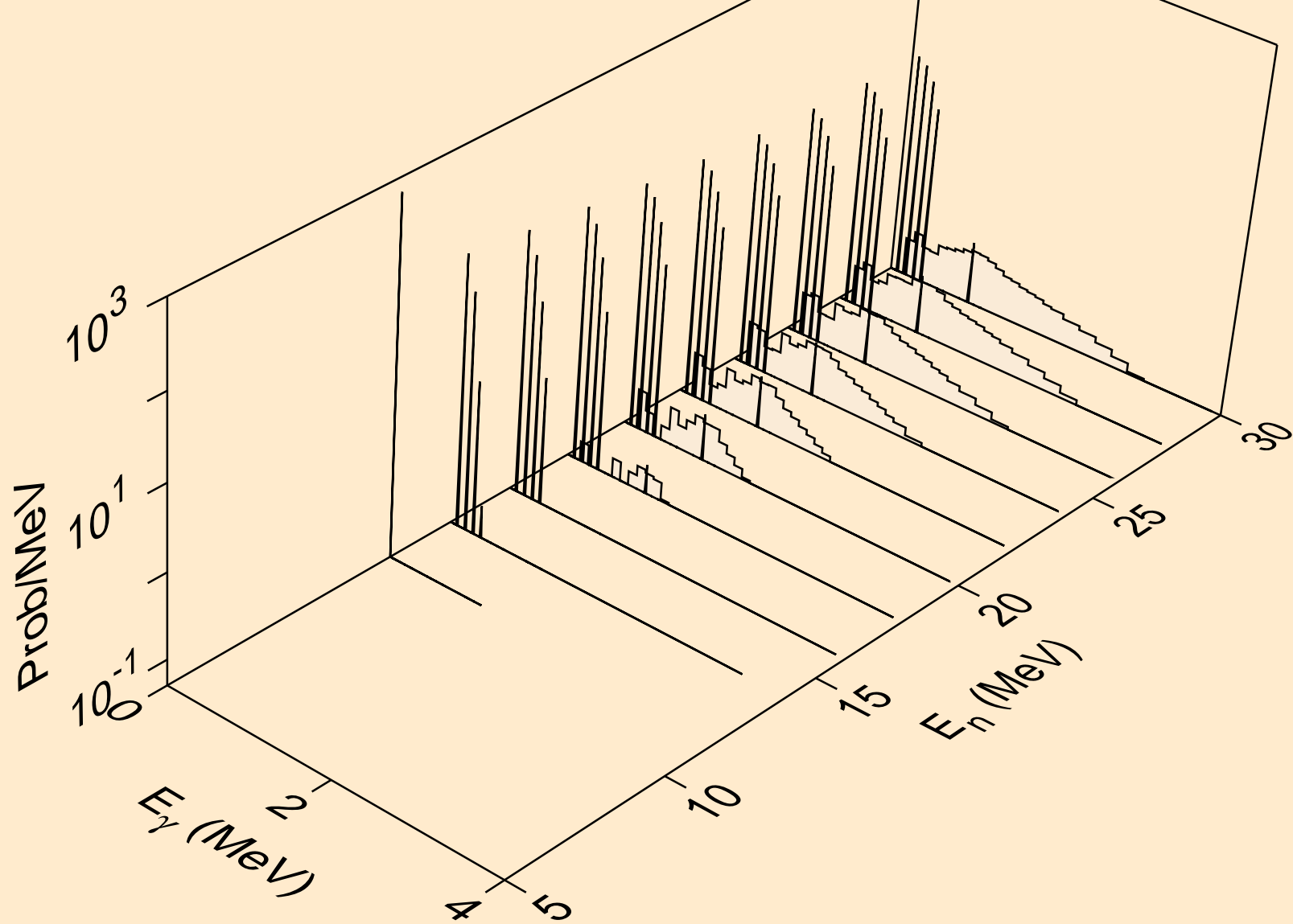




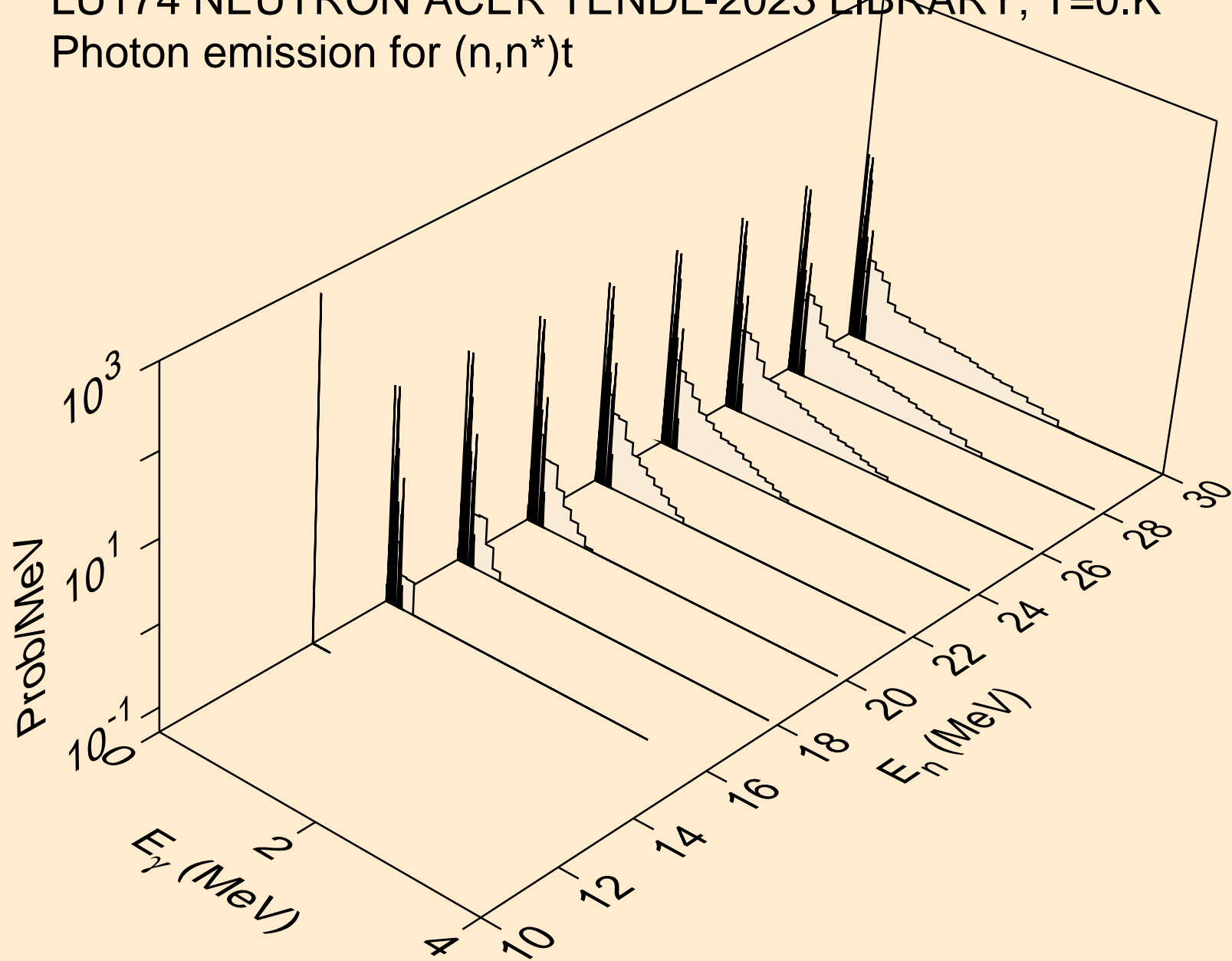
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



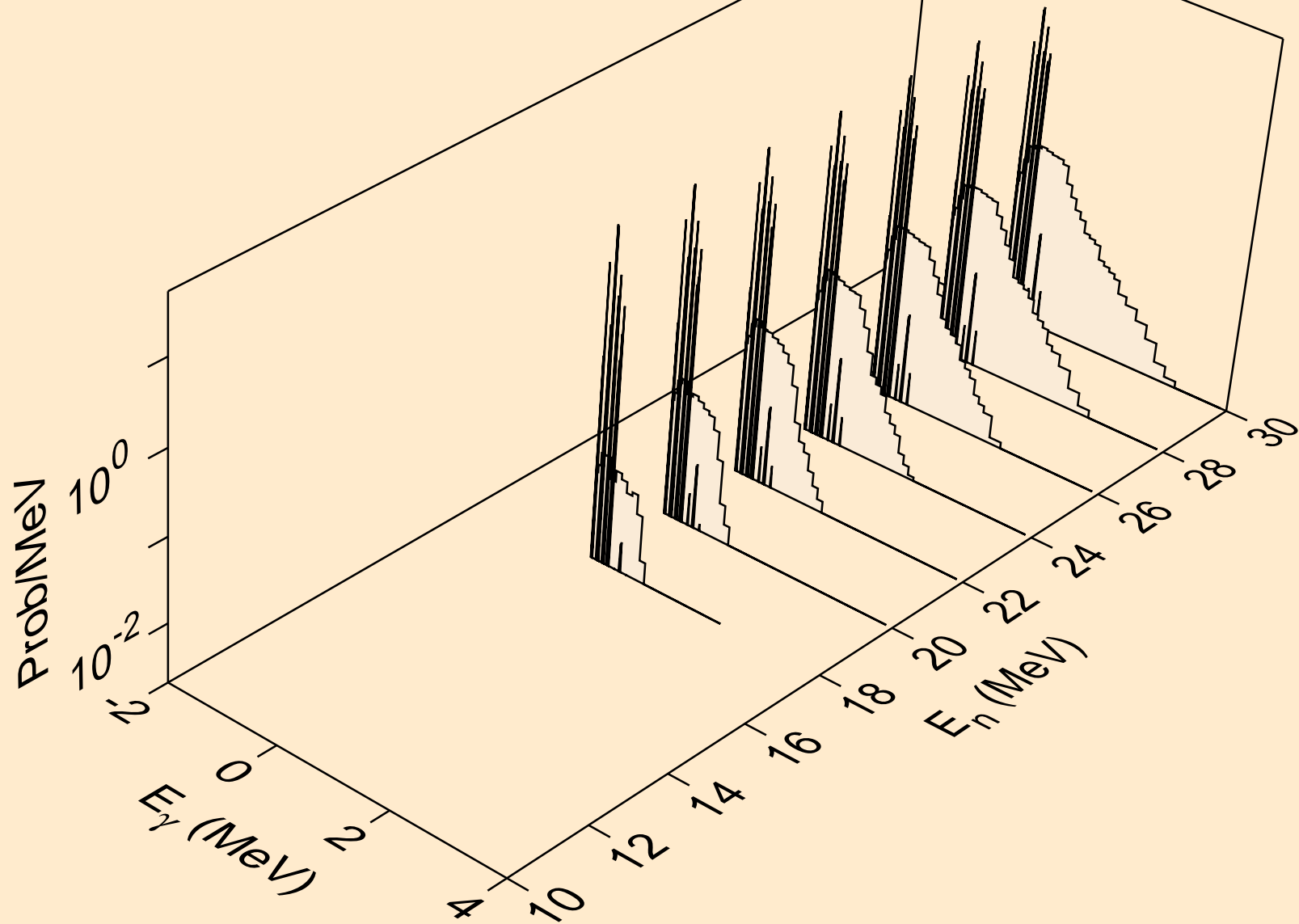
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



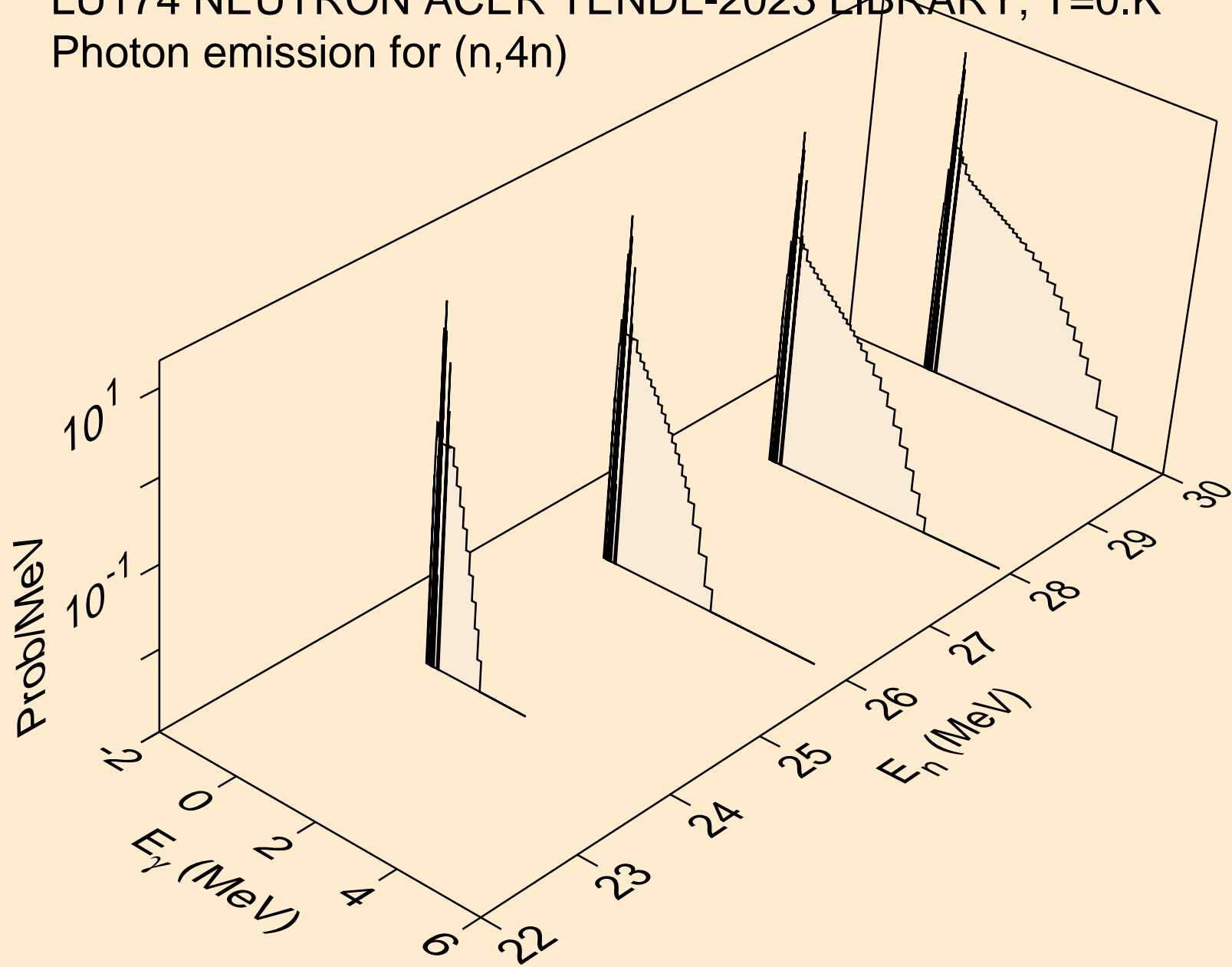
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



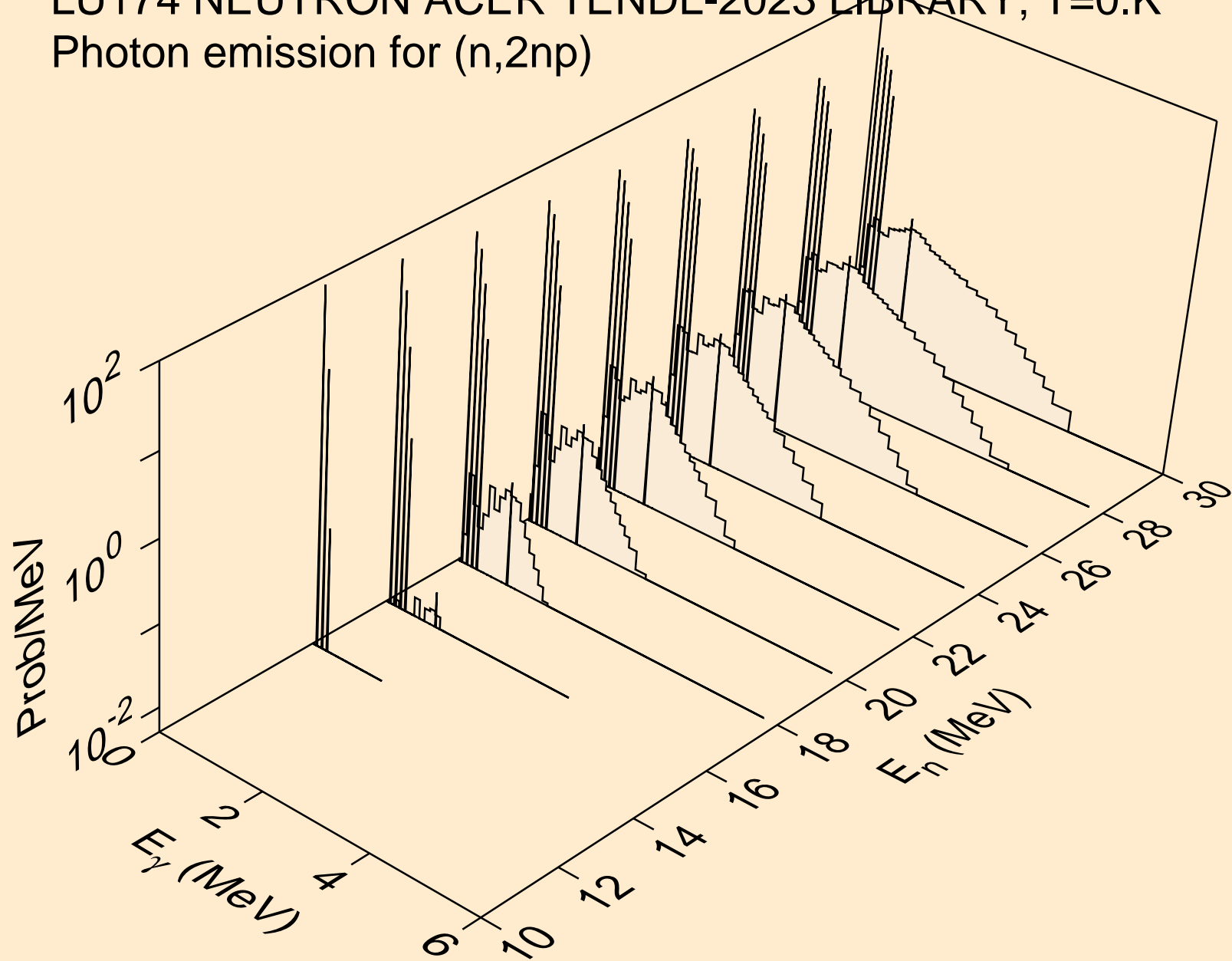
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



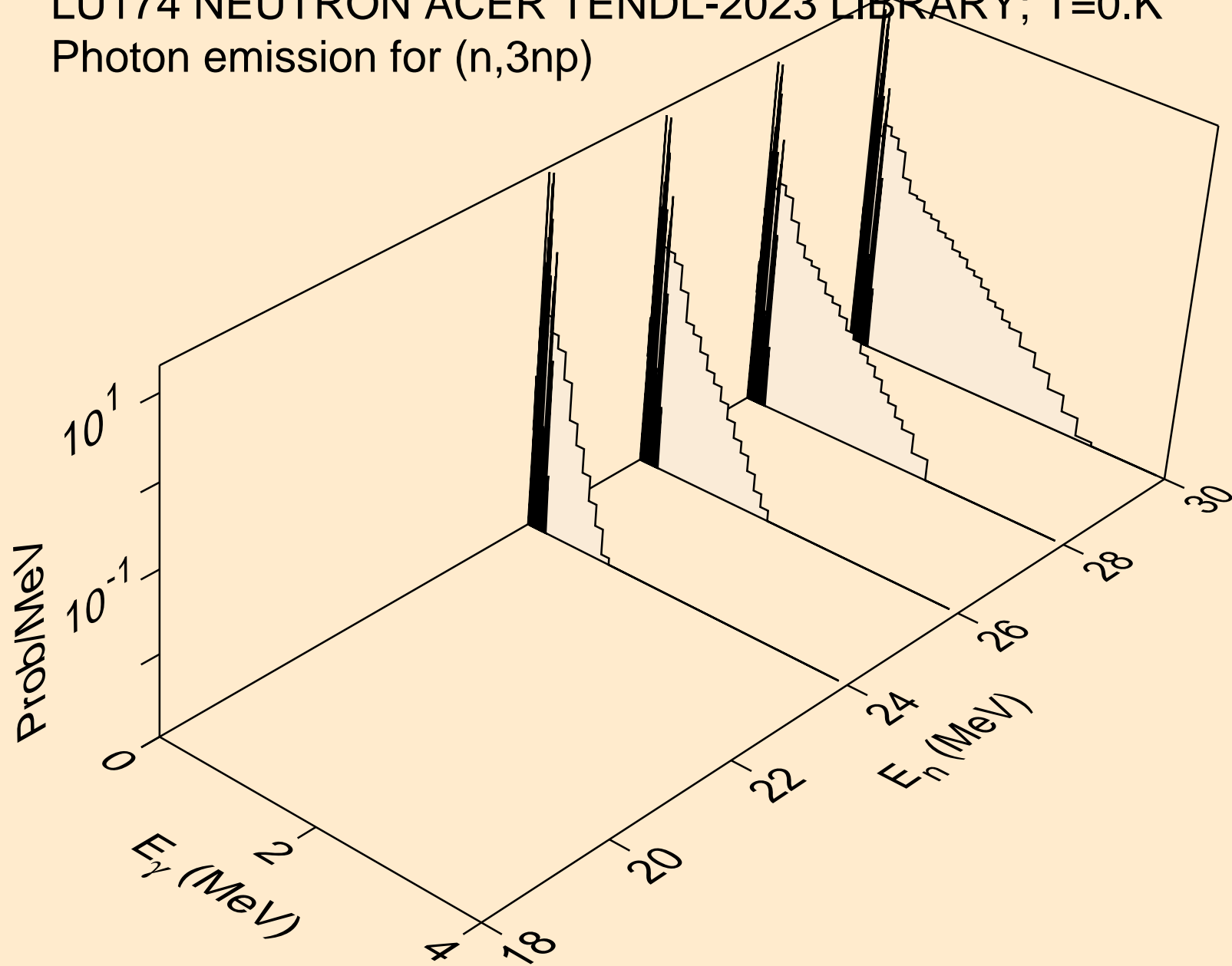
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



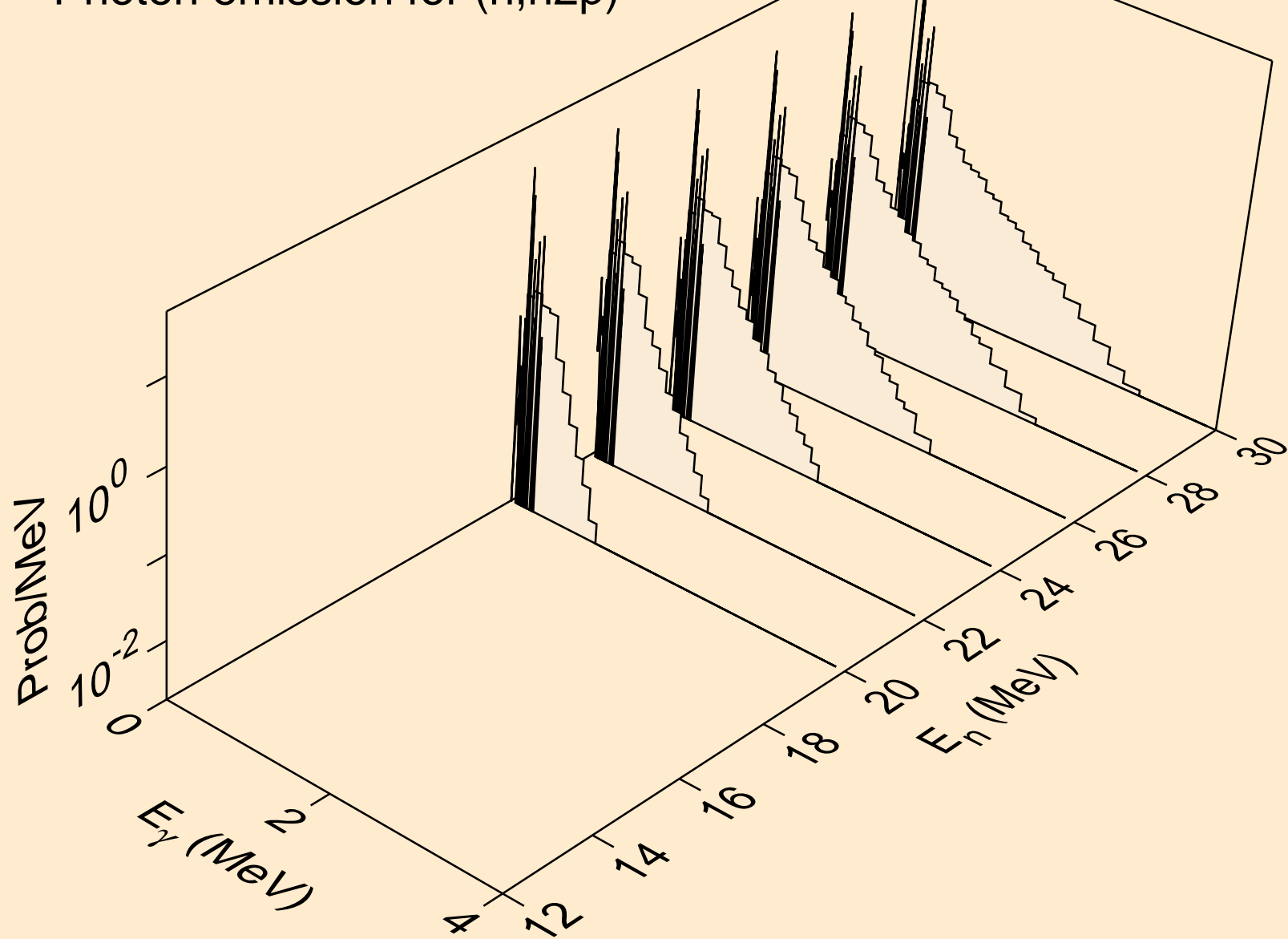
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

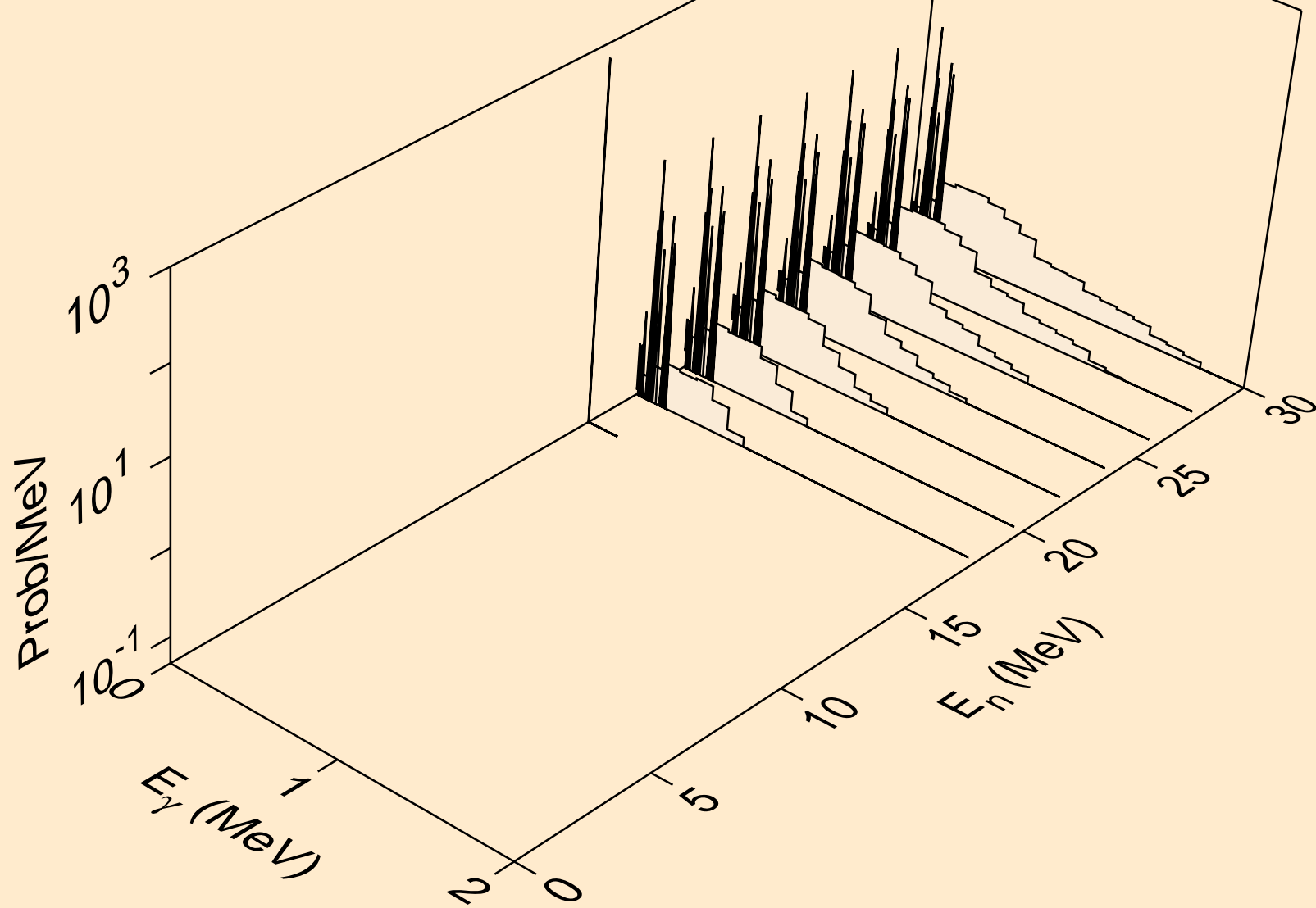


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

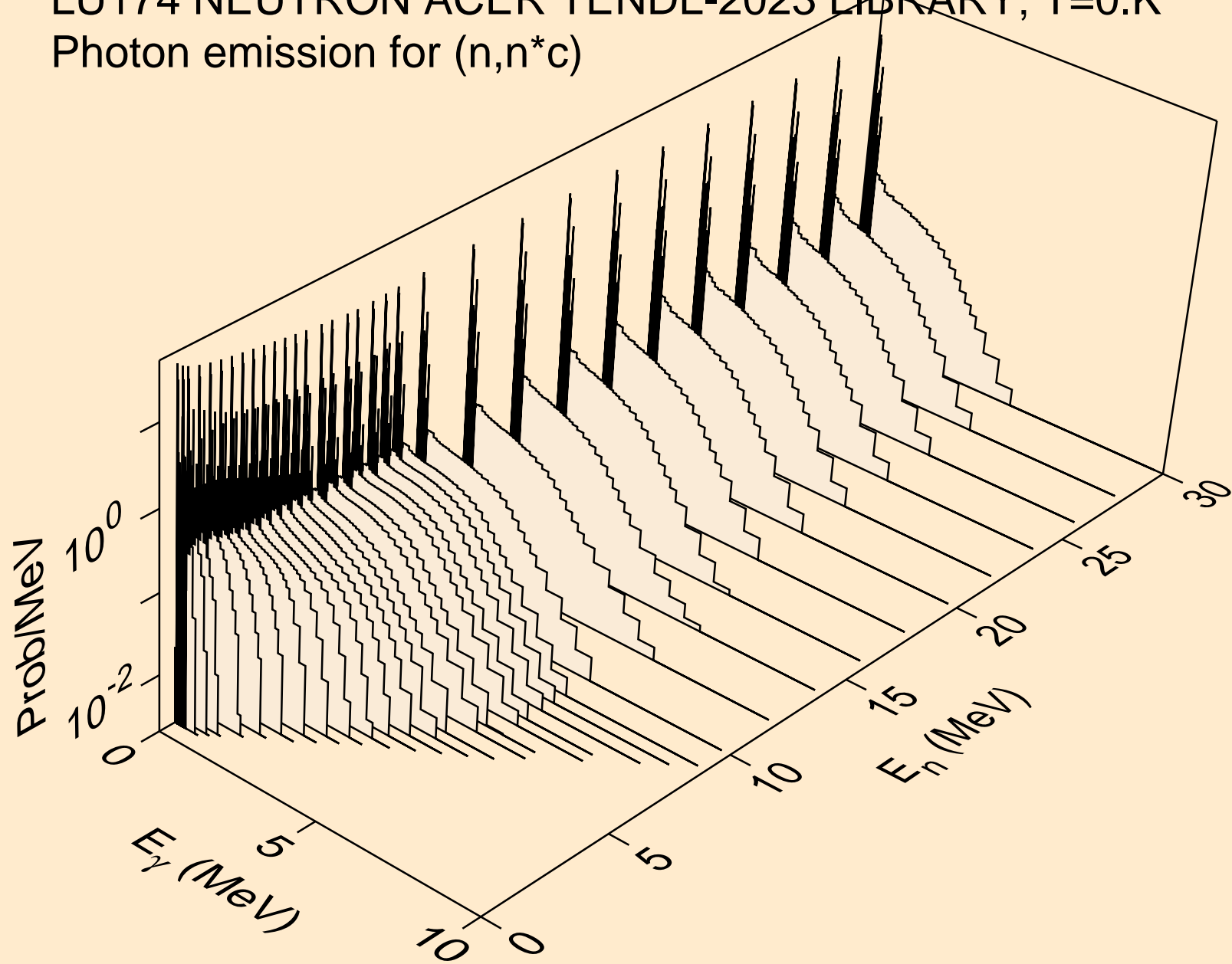




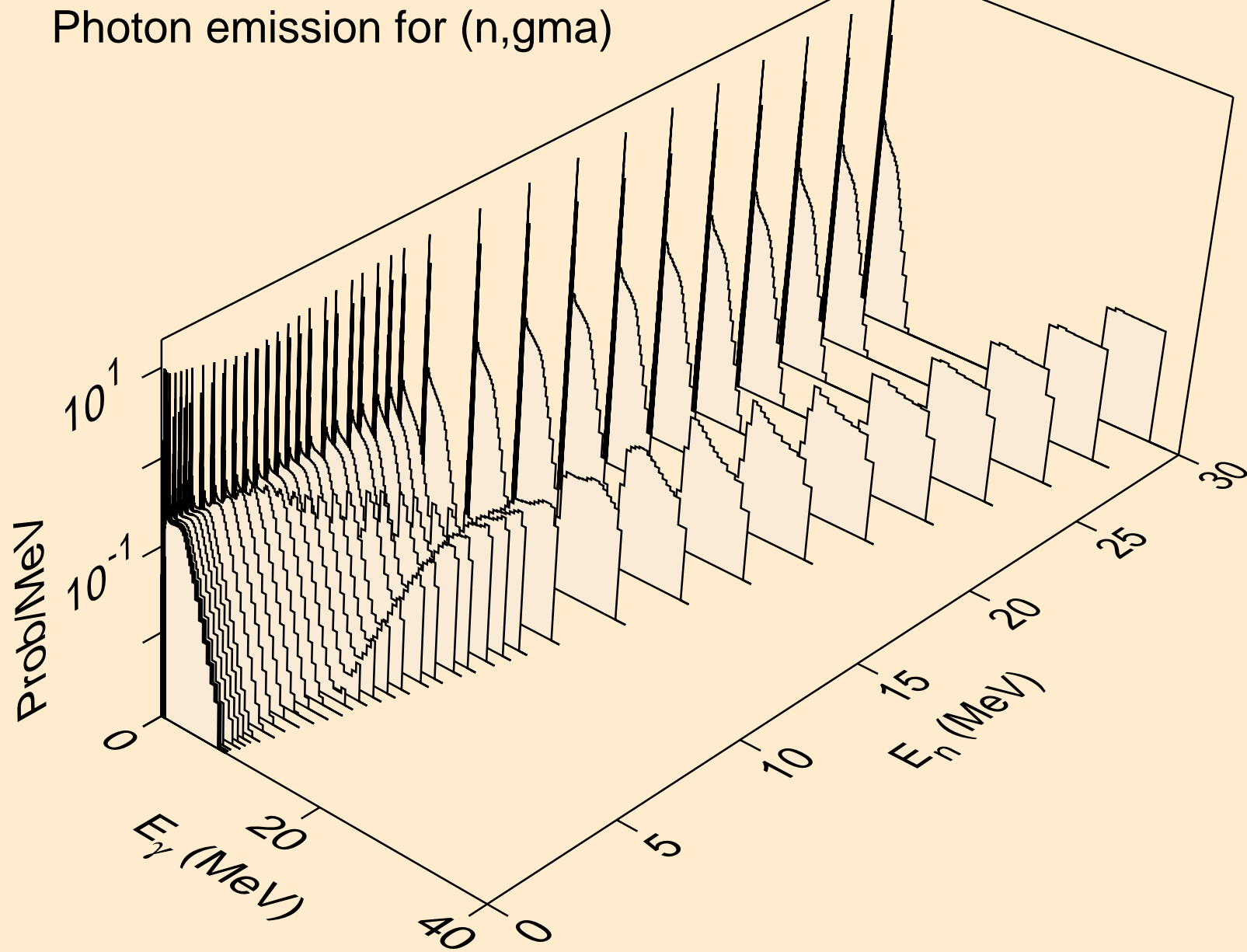
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



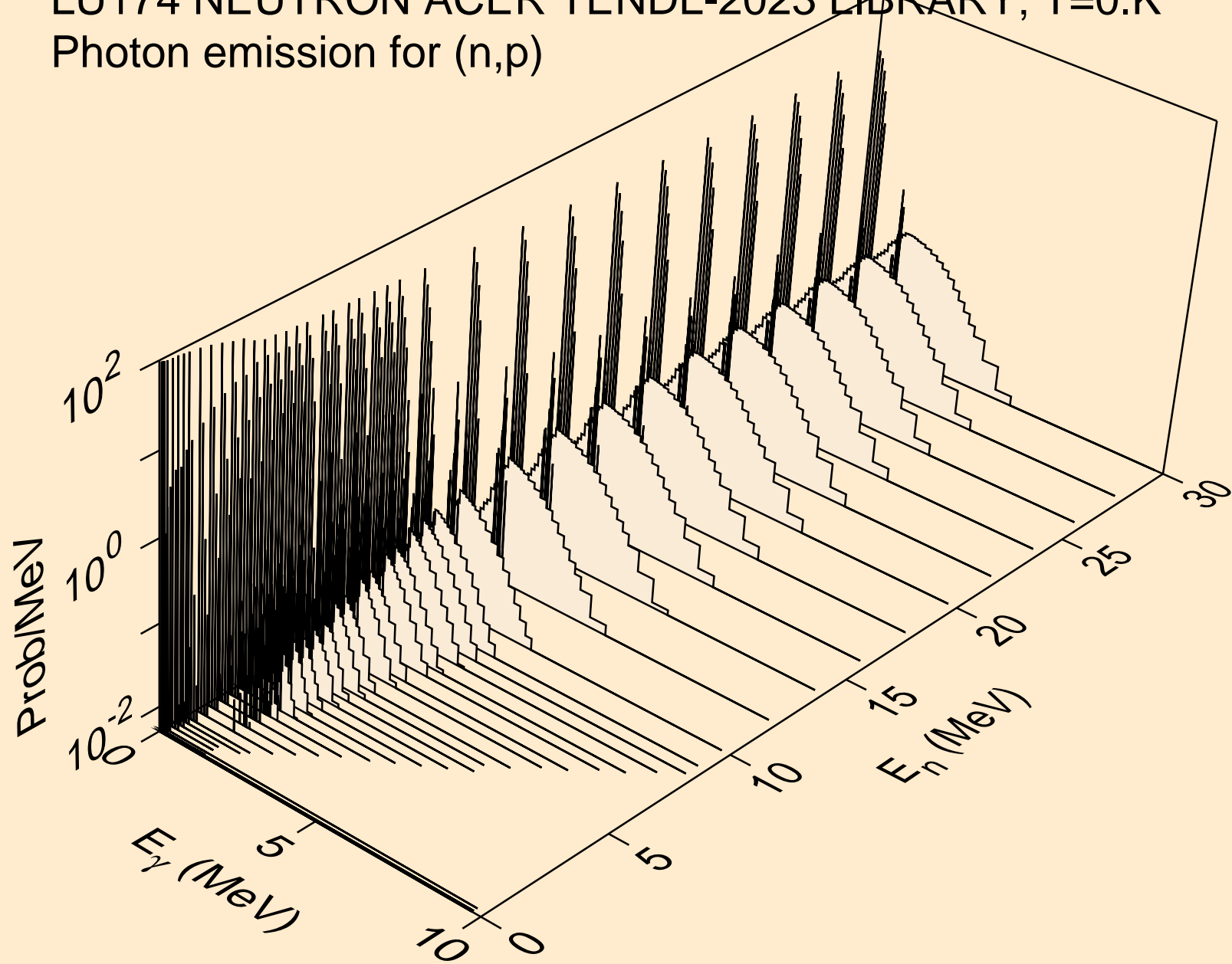
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



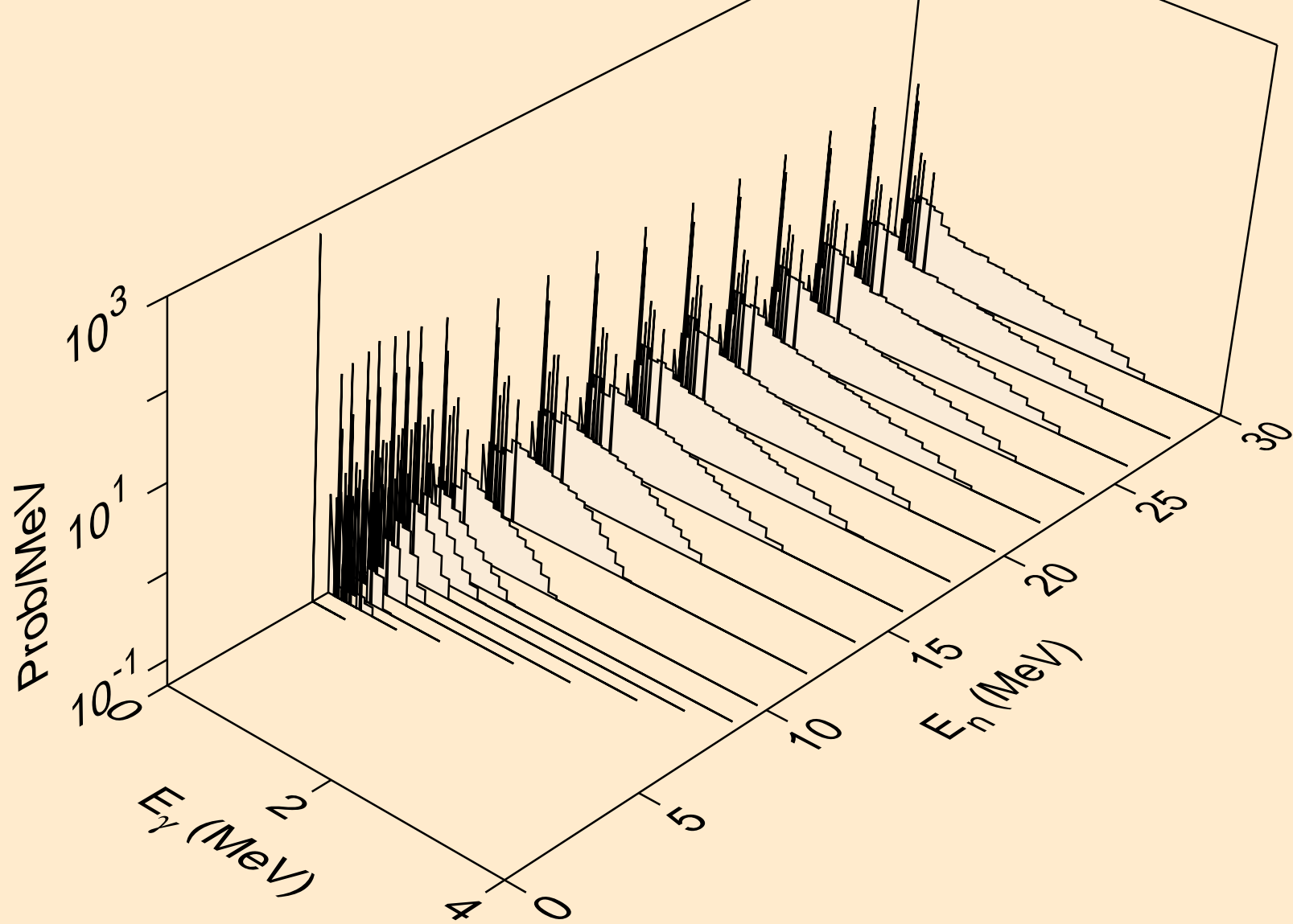
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Photon emission for (n,gma)



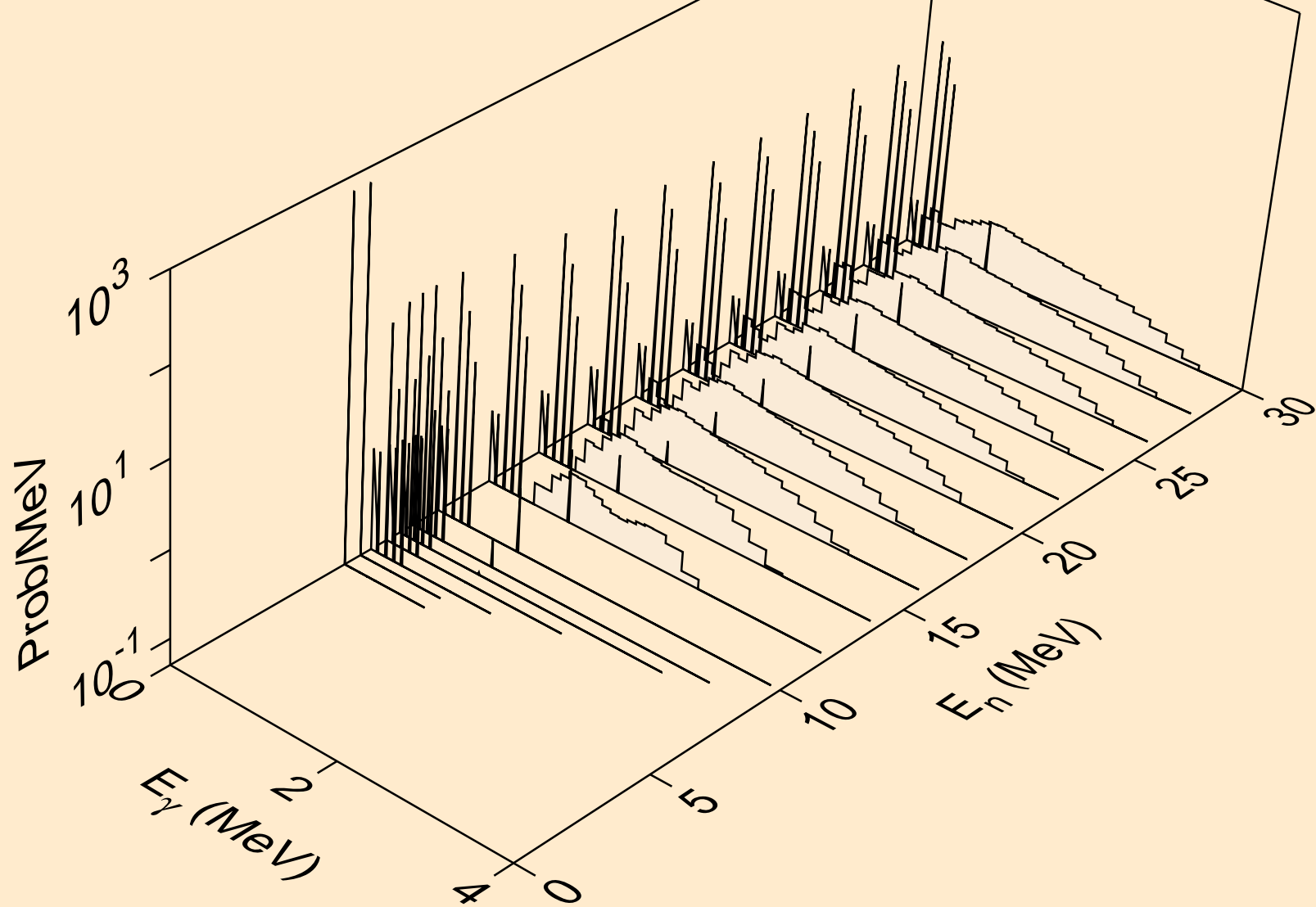
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



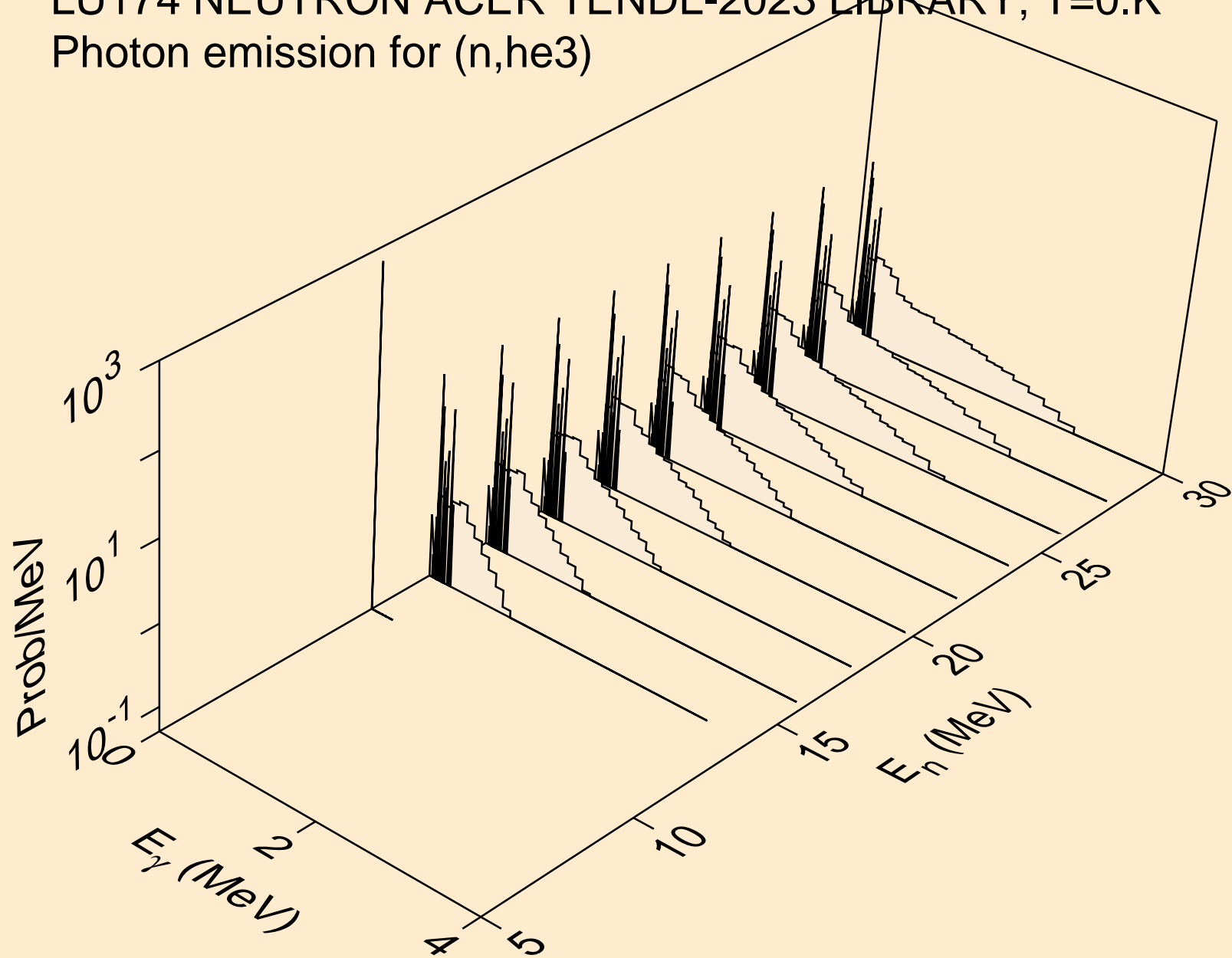
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



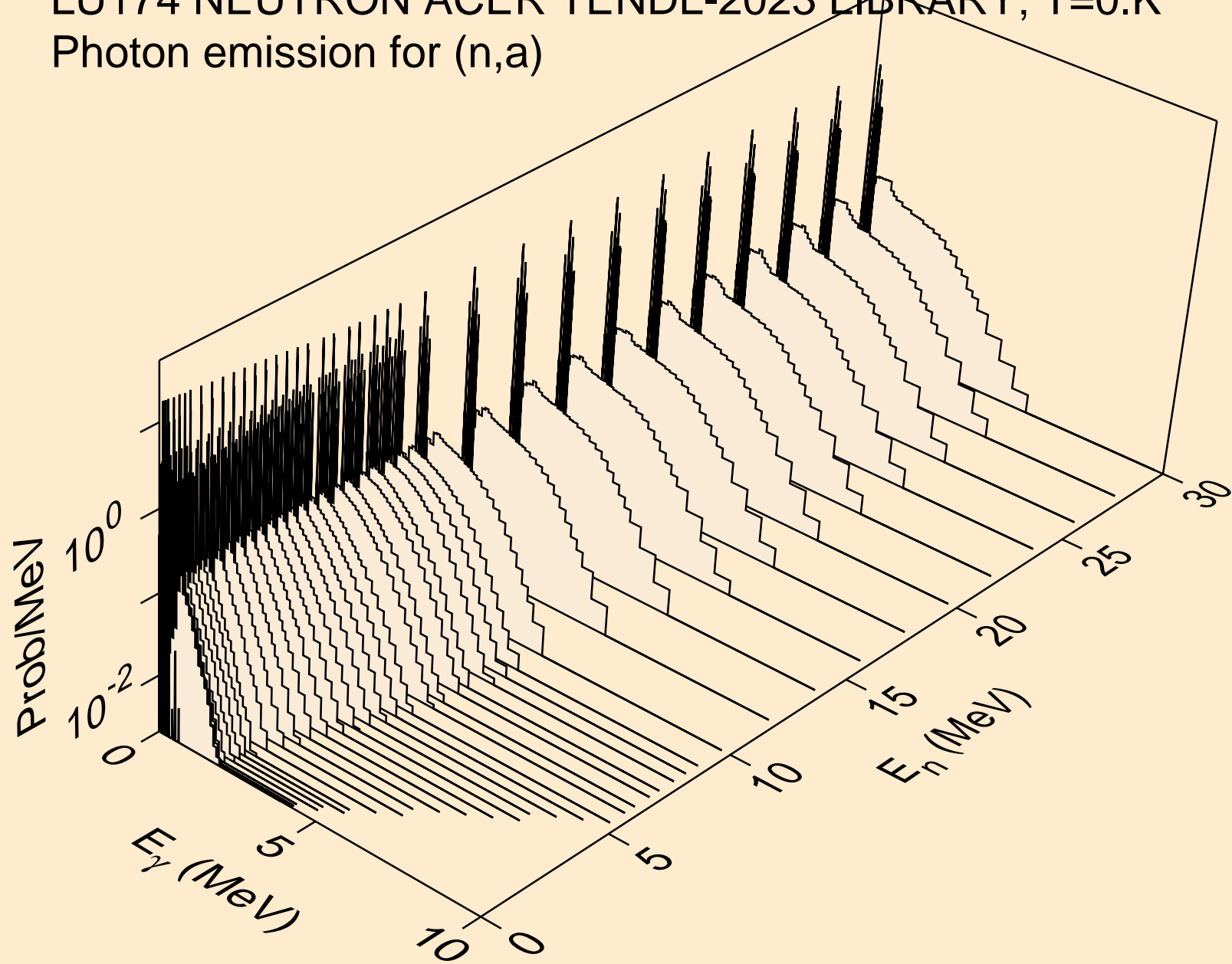
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

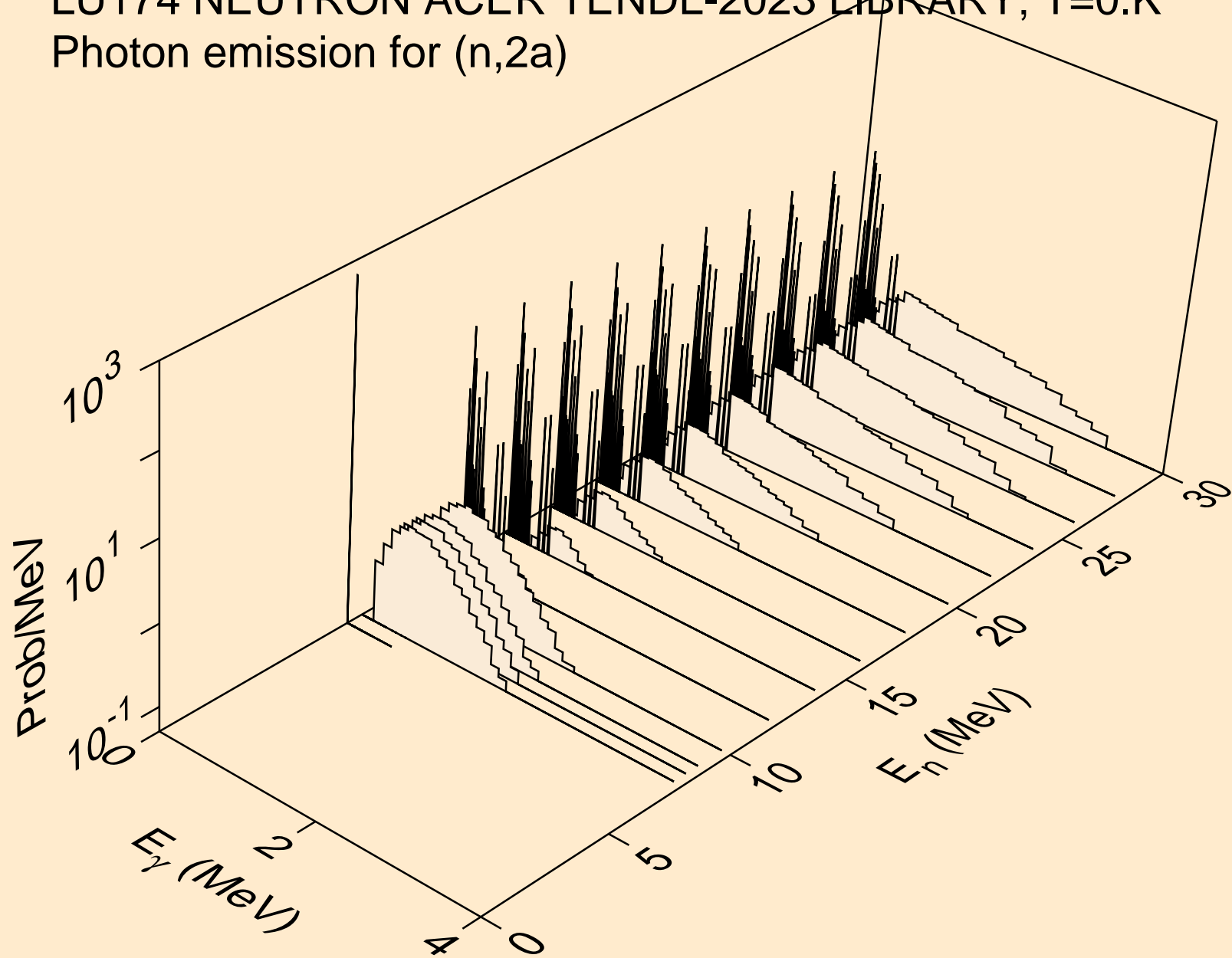


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

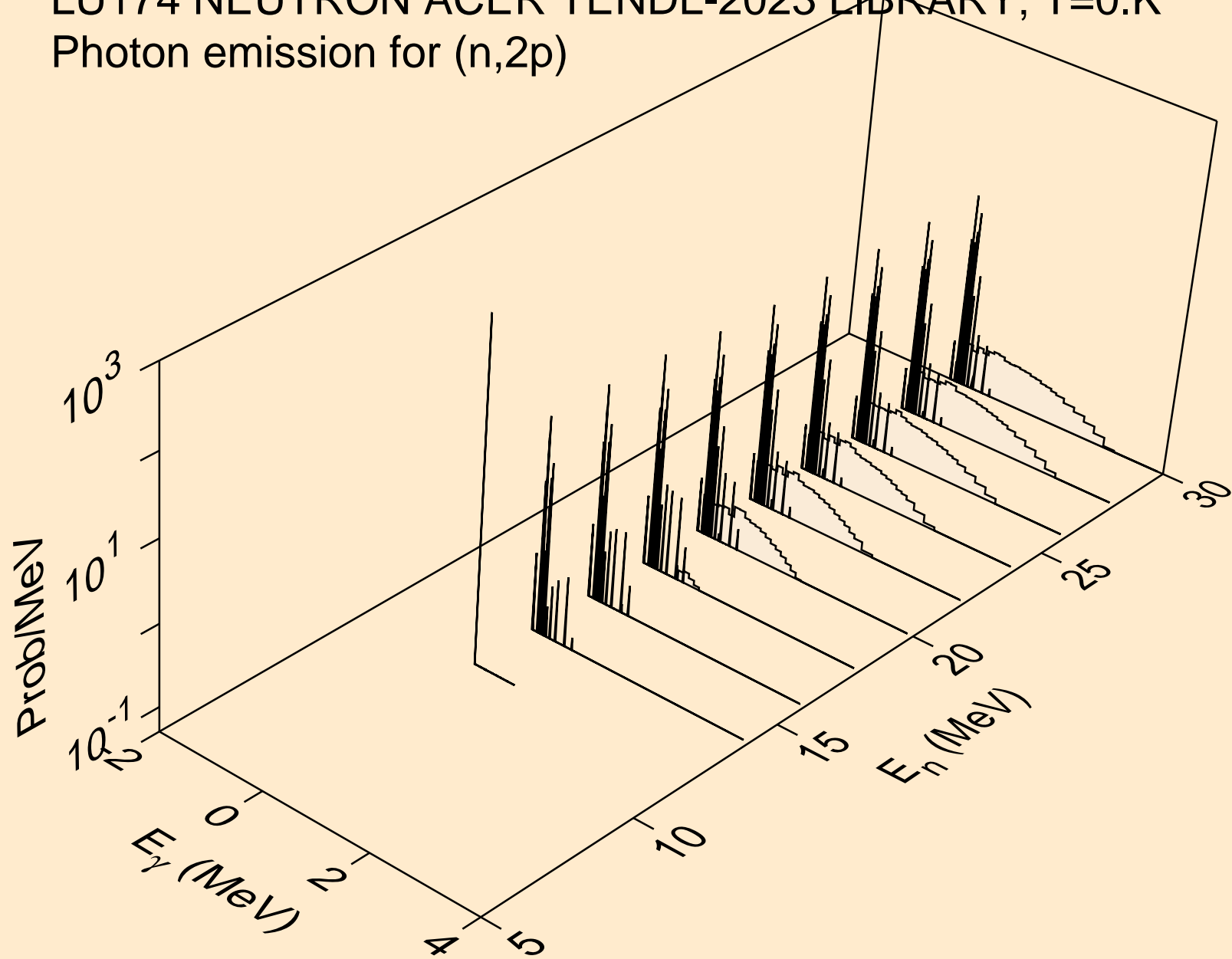




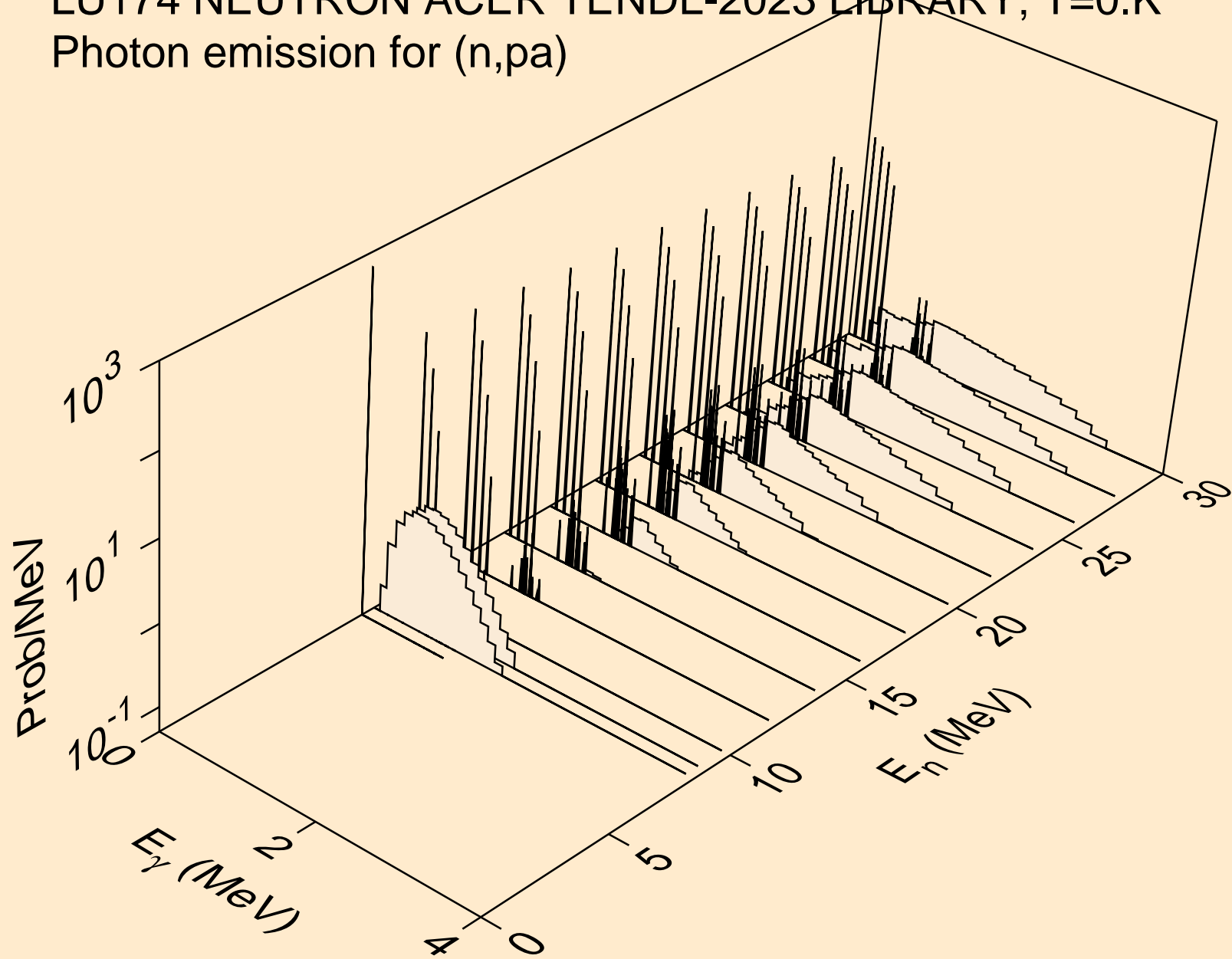
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



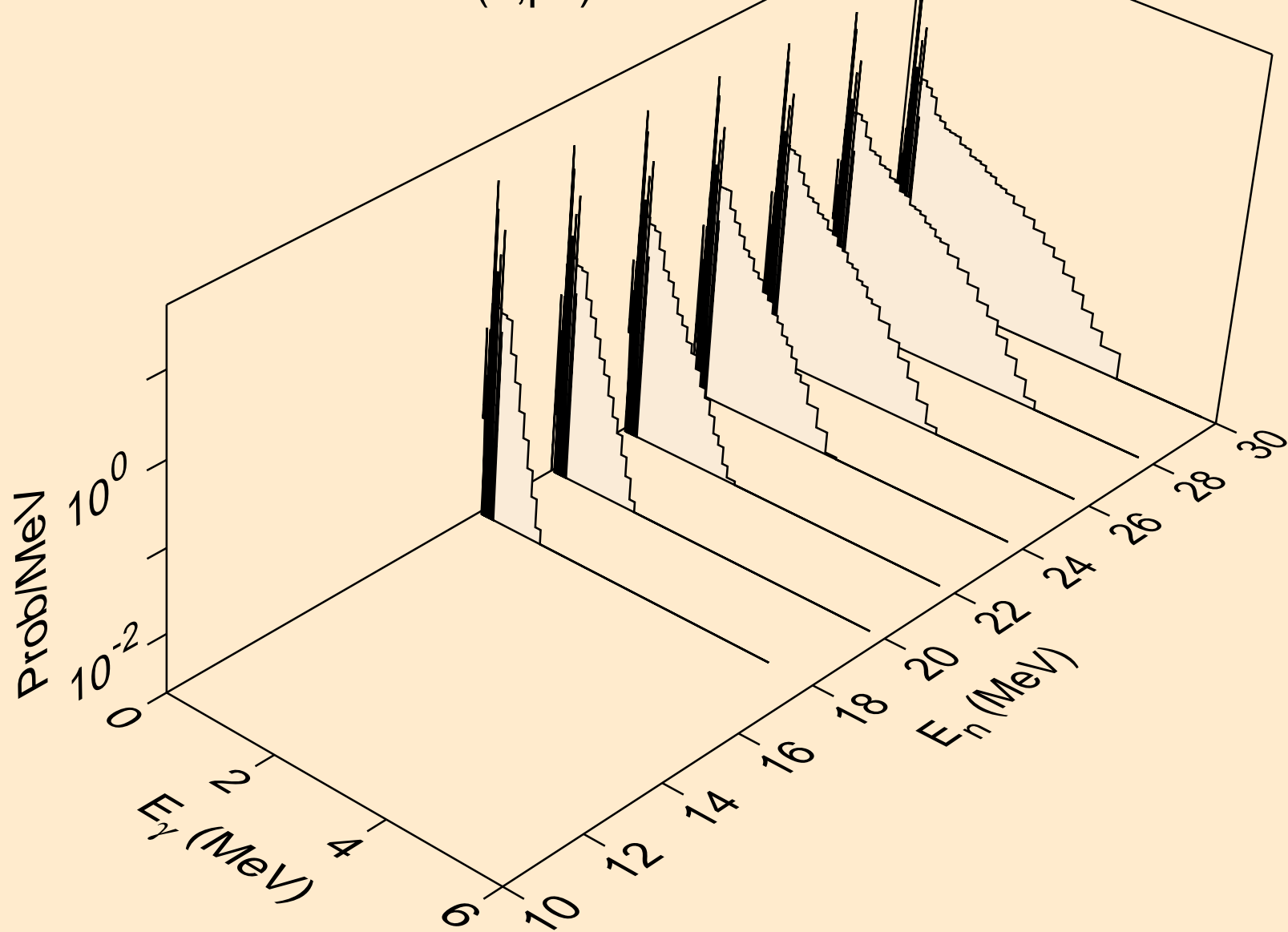
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Photon emission for (n,2p)



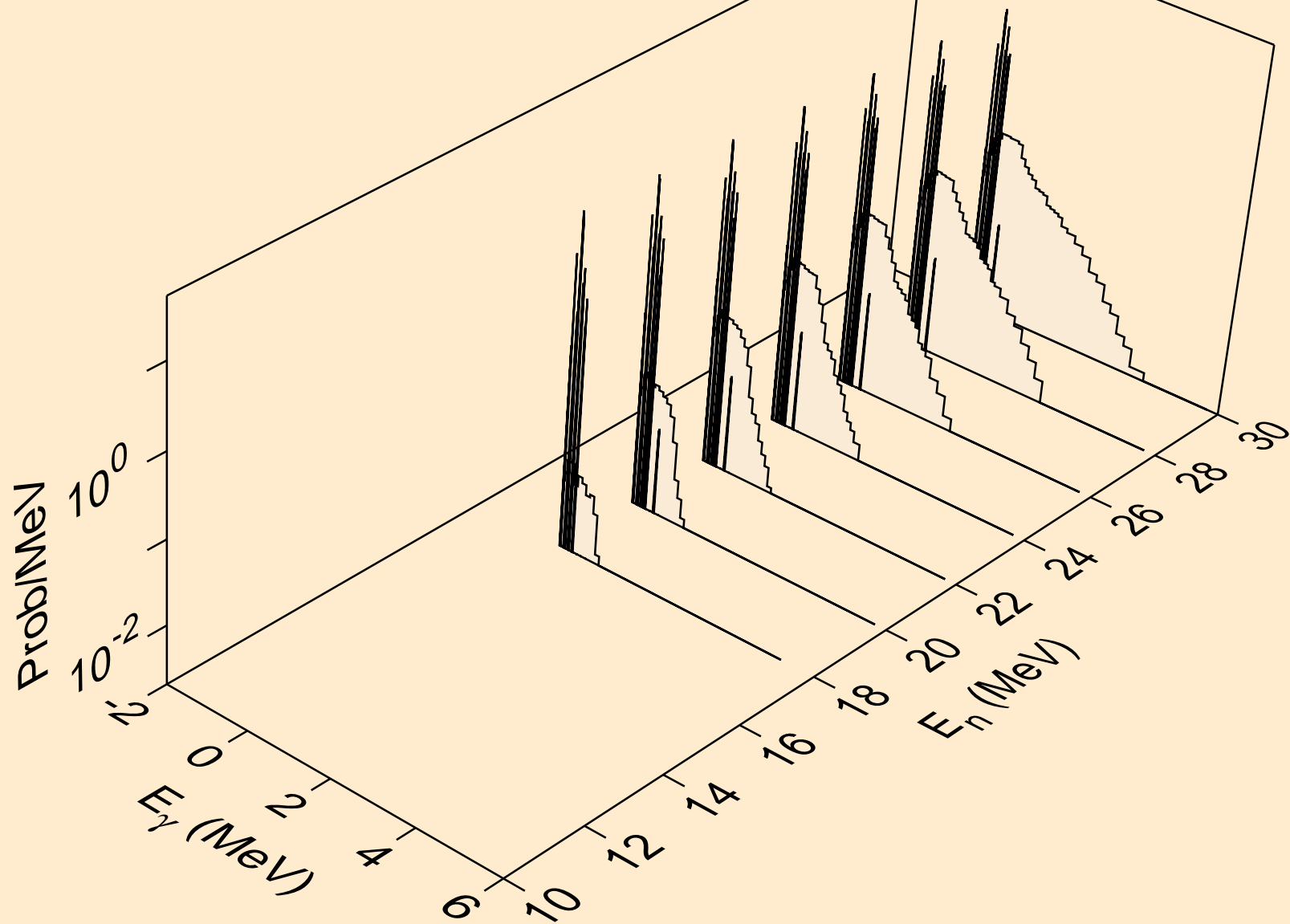
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Photon emission for (n,p $\alpha$ )



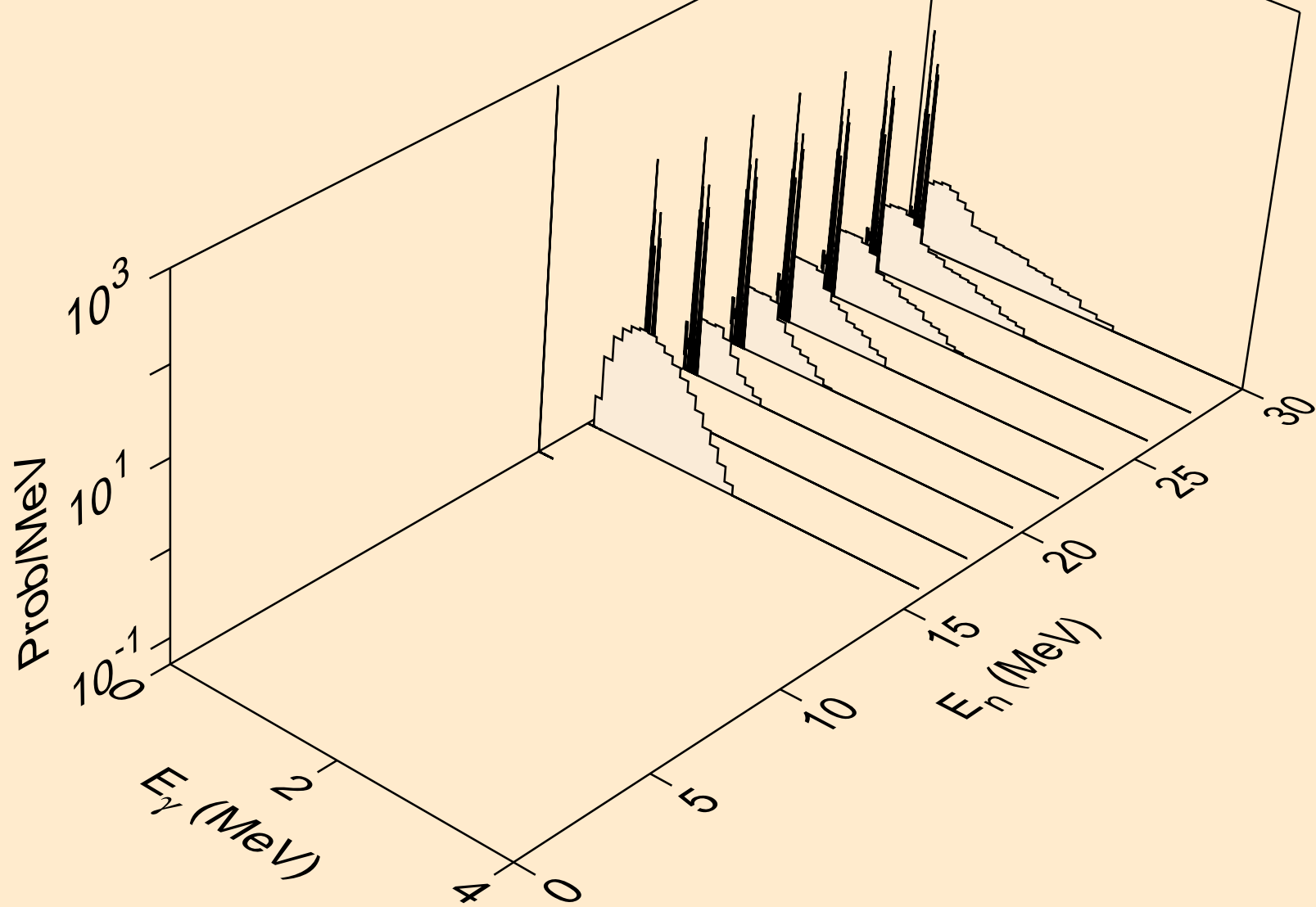
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



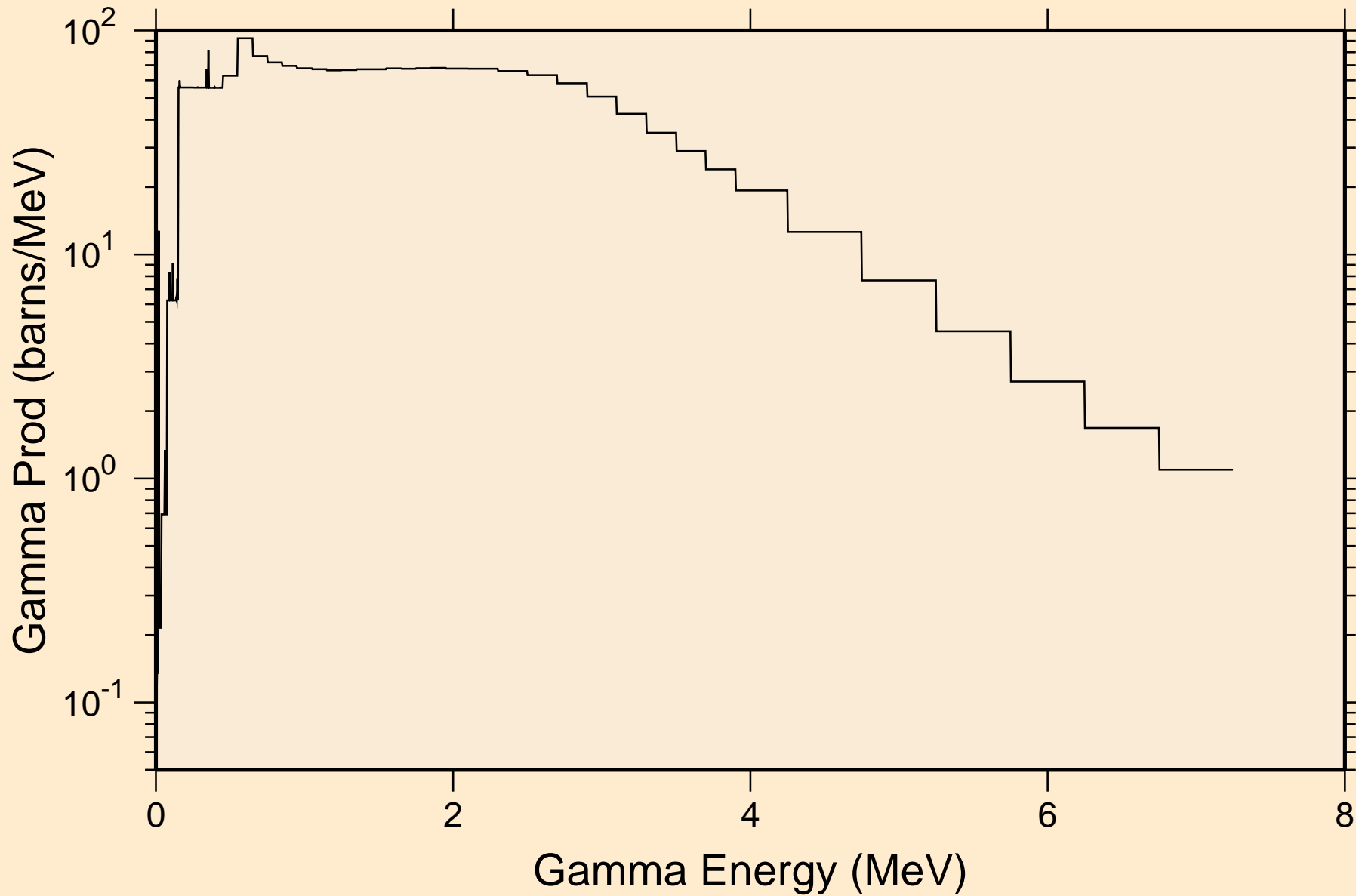
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



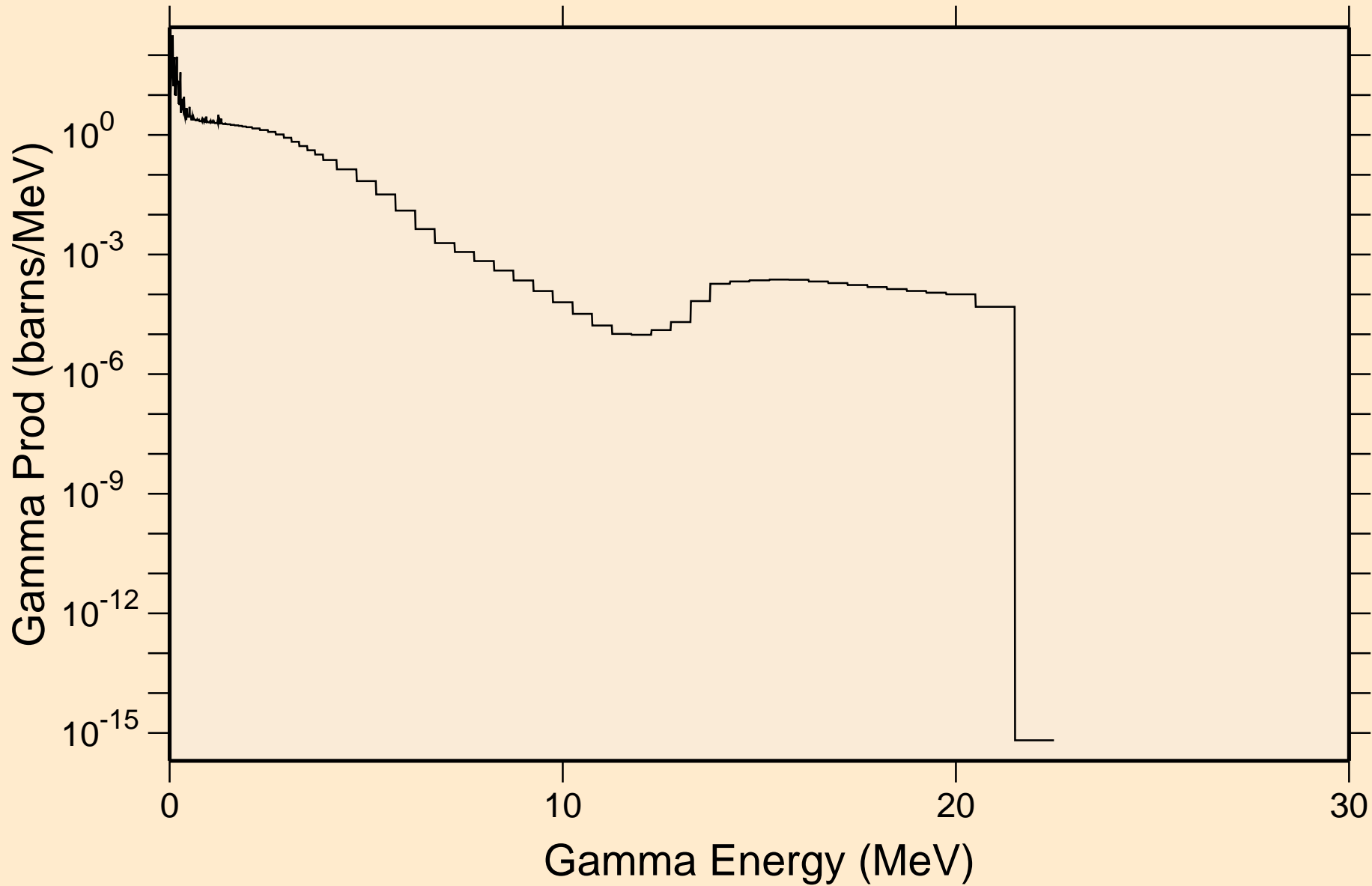
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

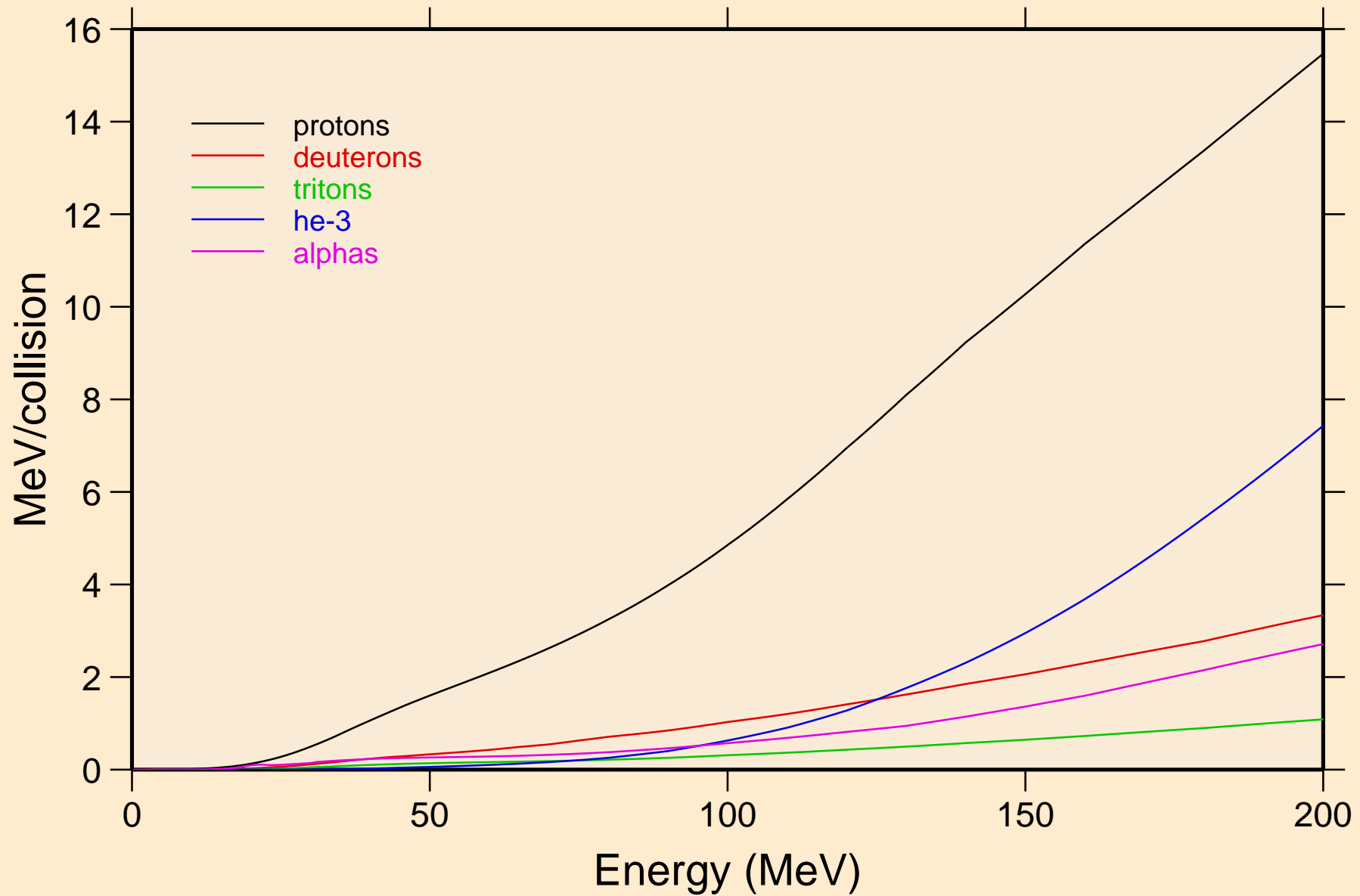


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

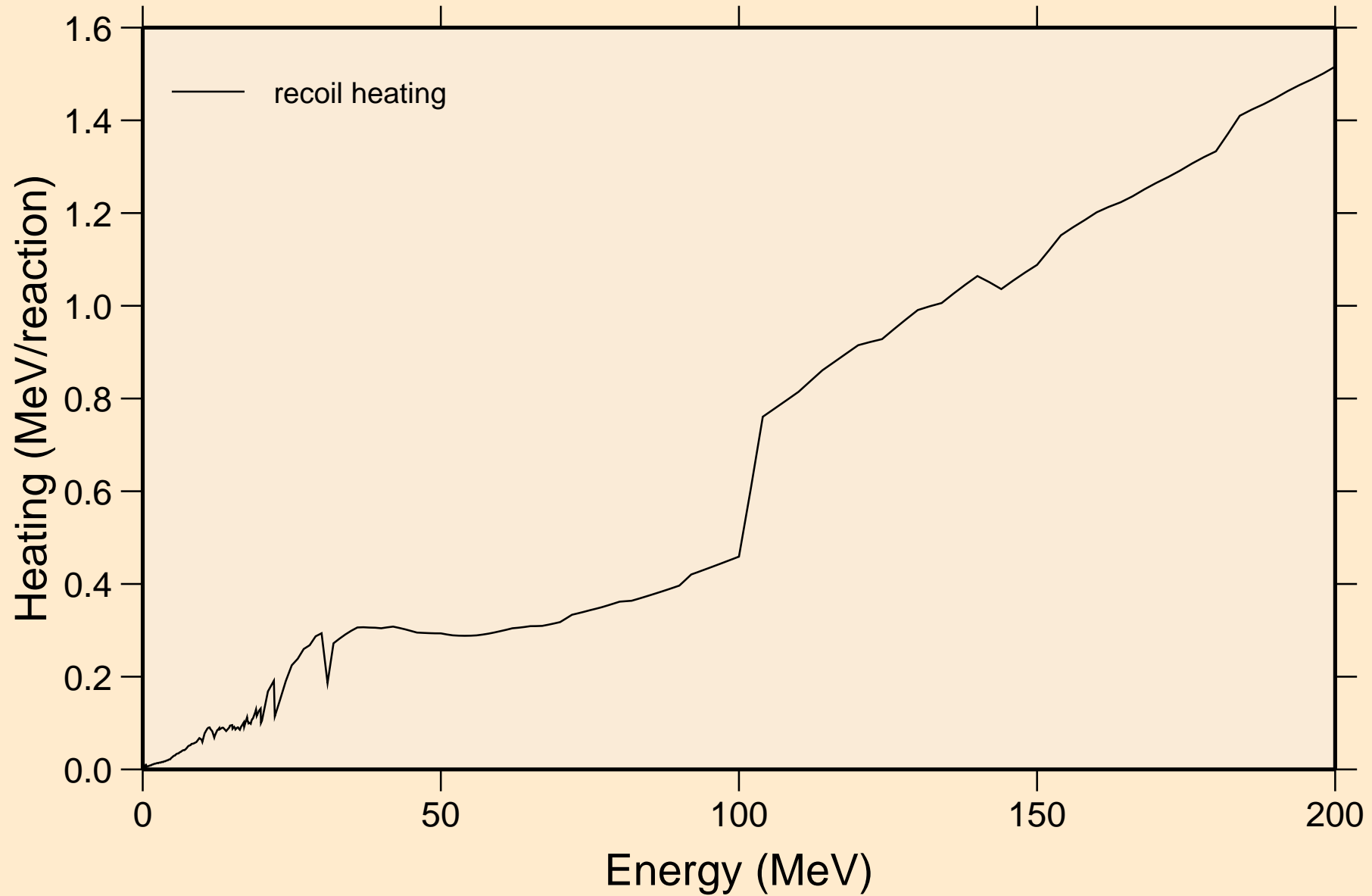




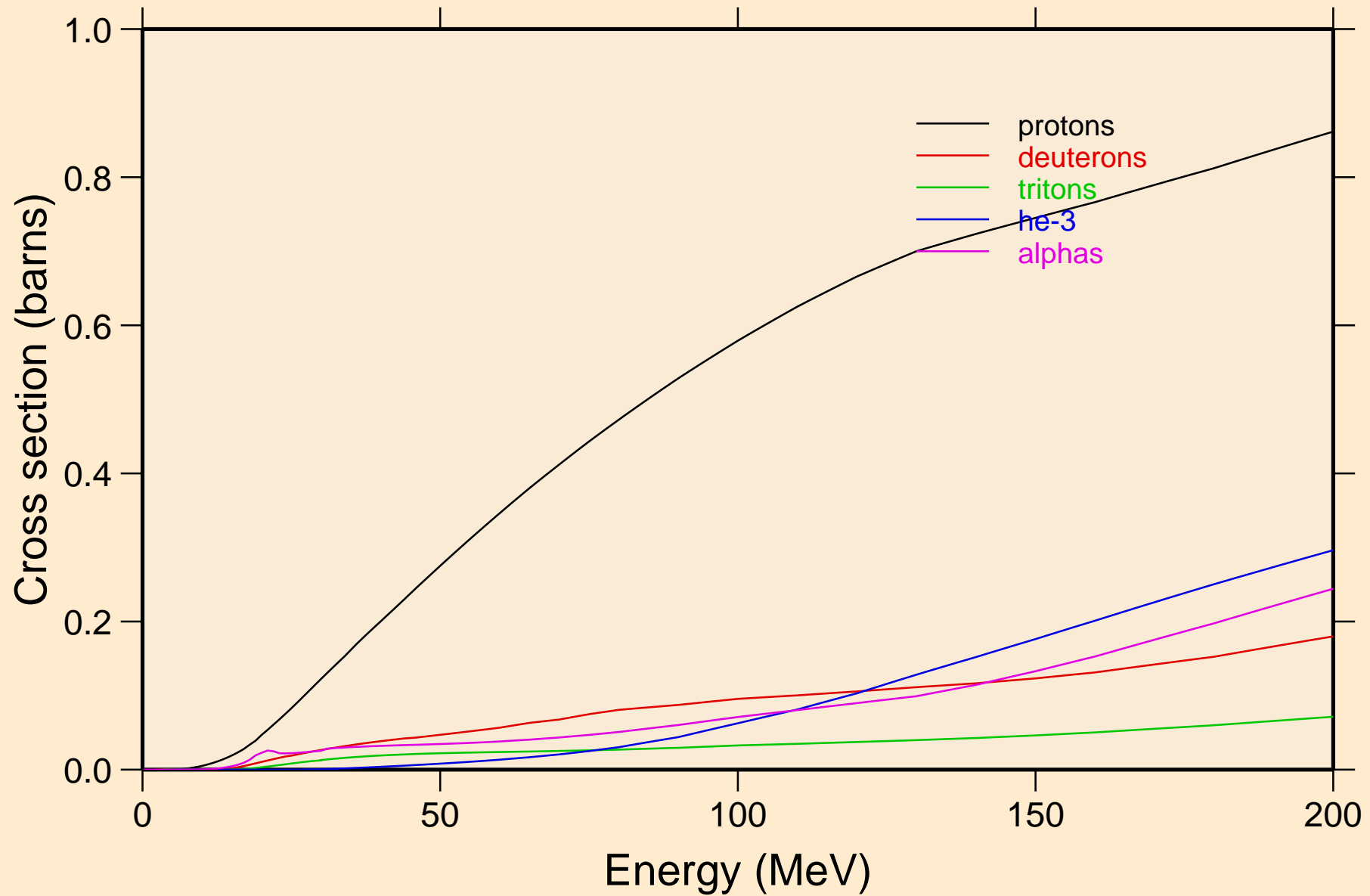
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



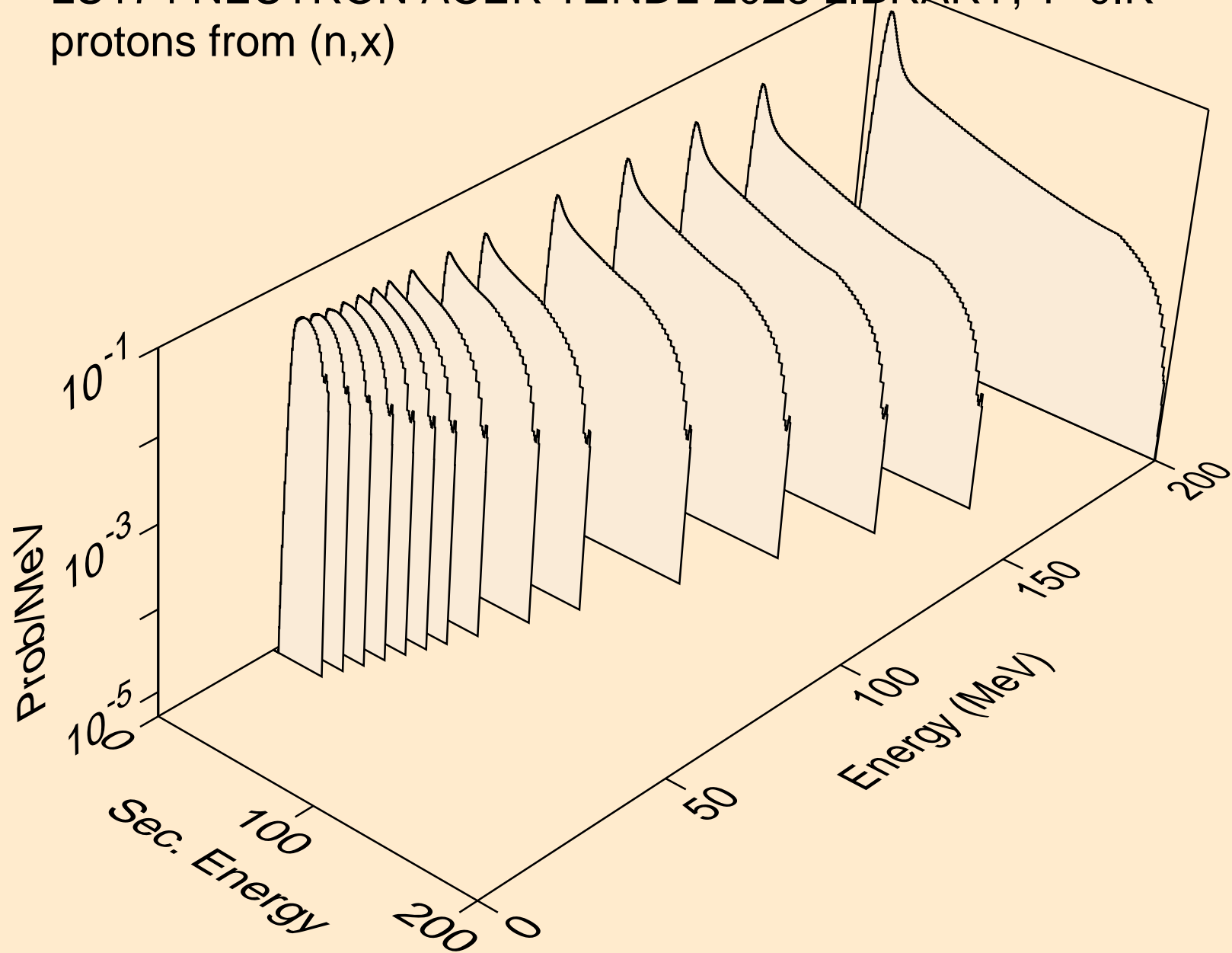
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Recoil Heating



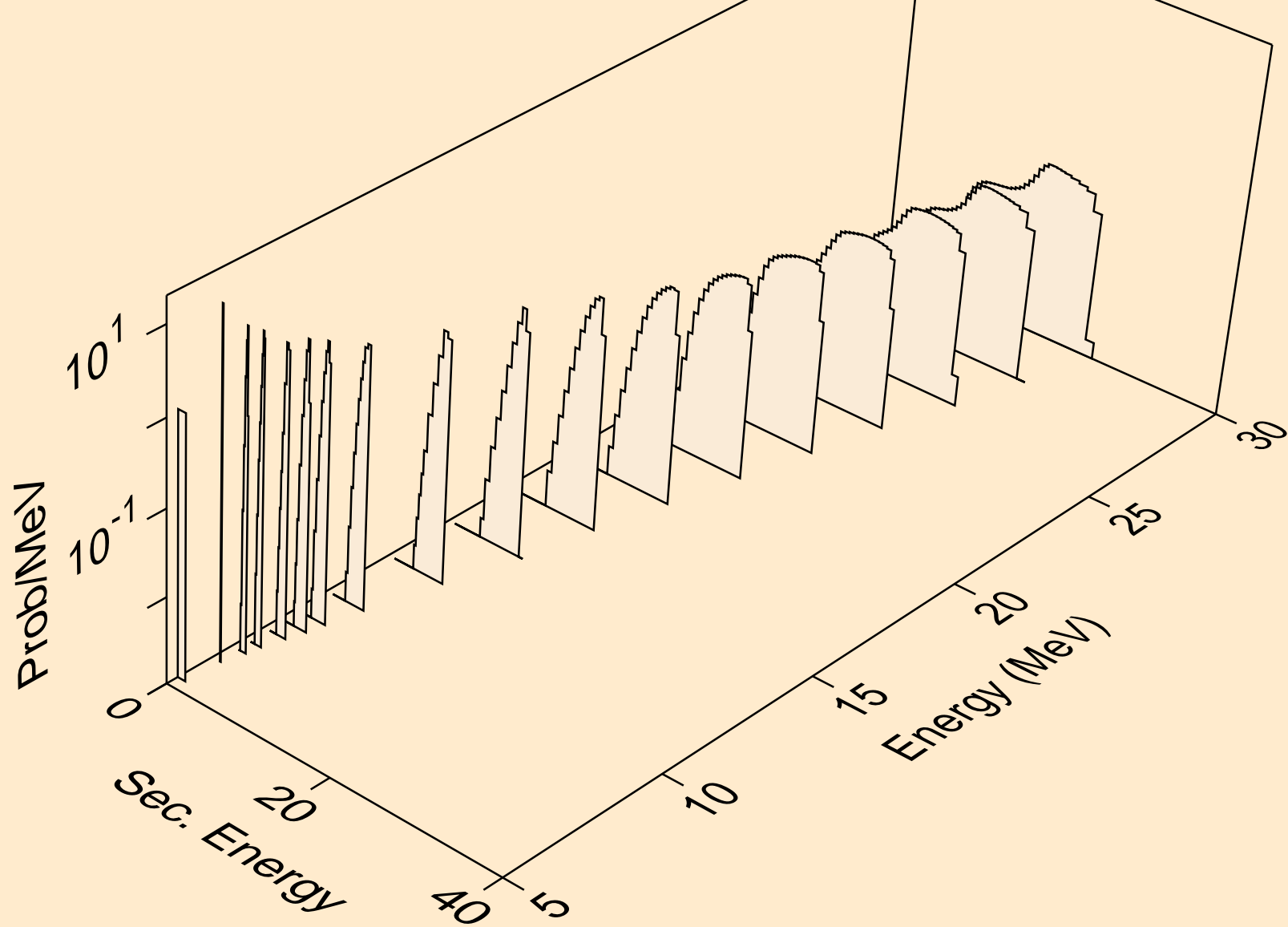
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



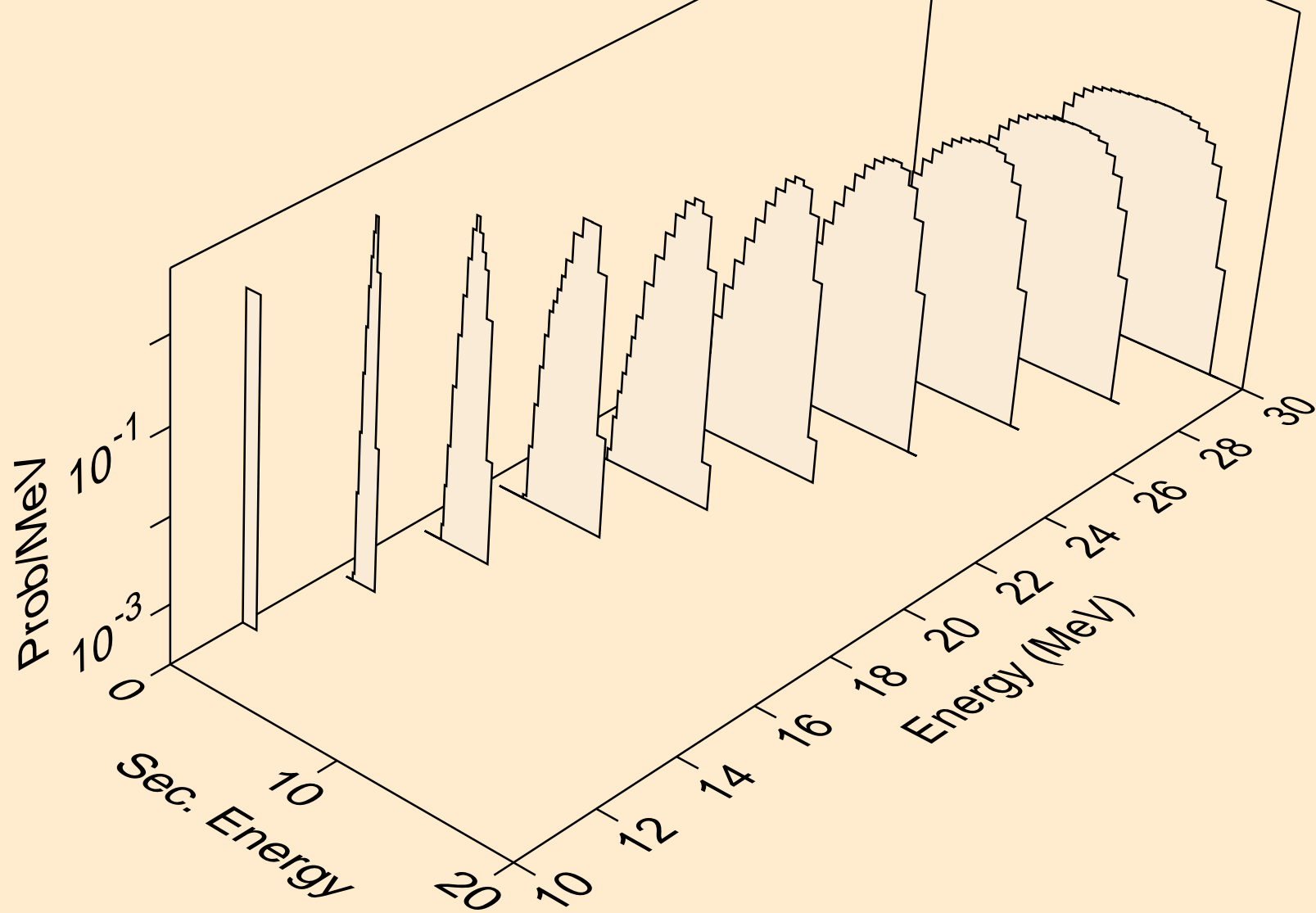
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



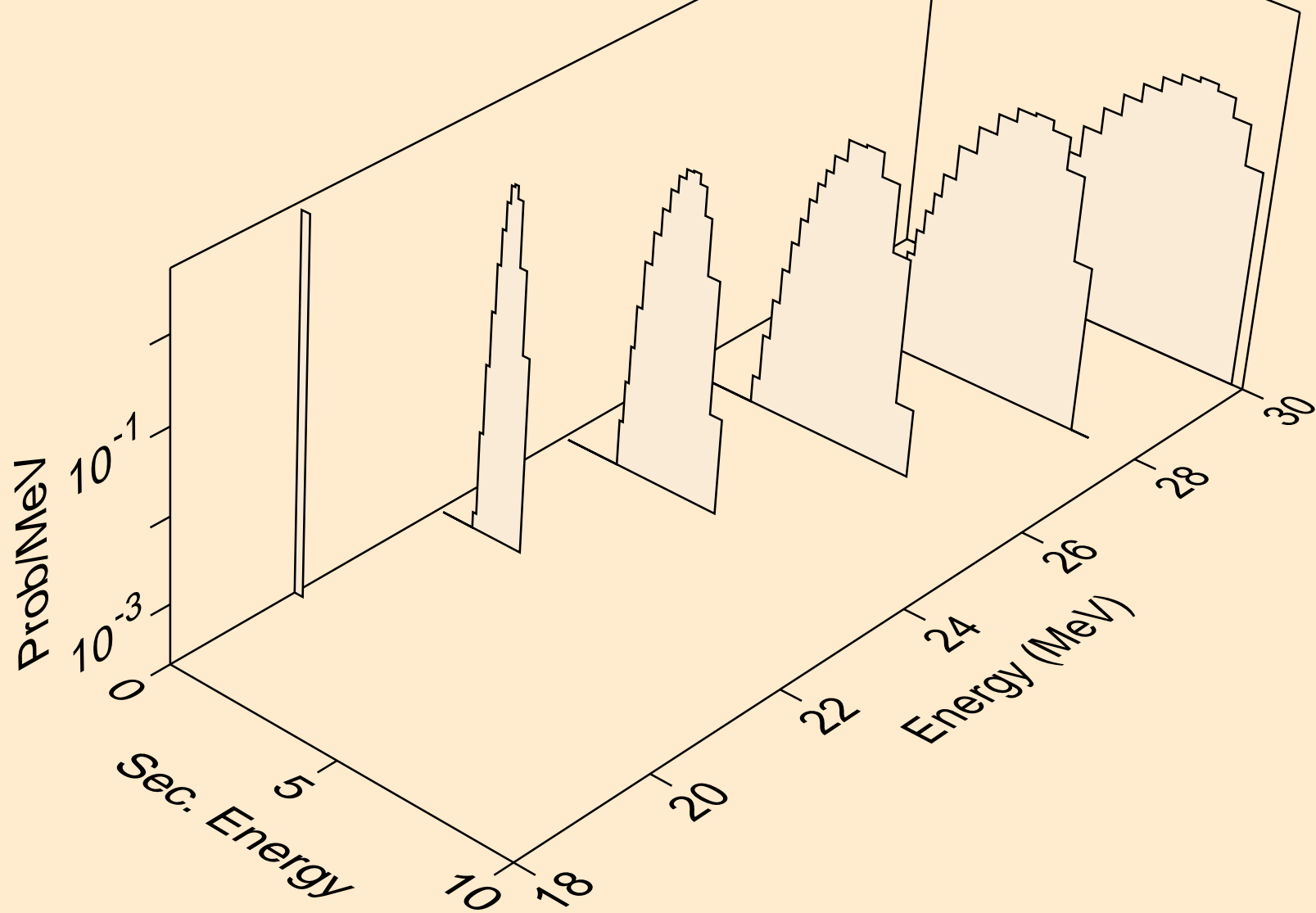
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



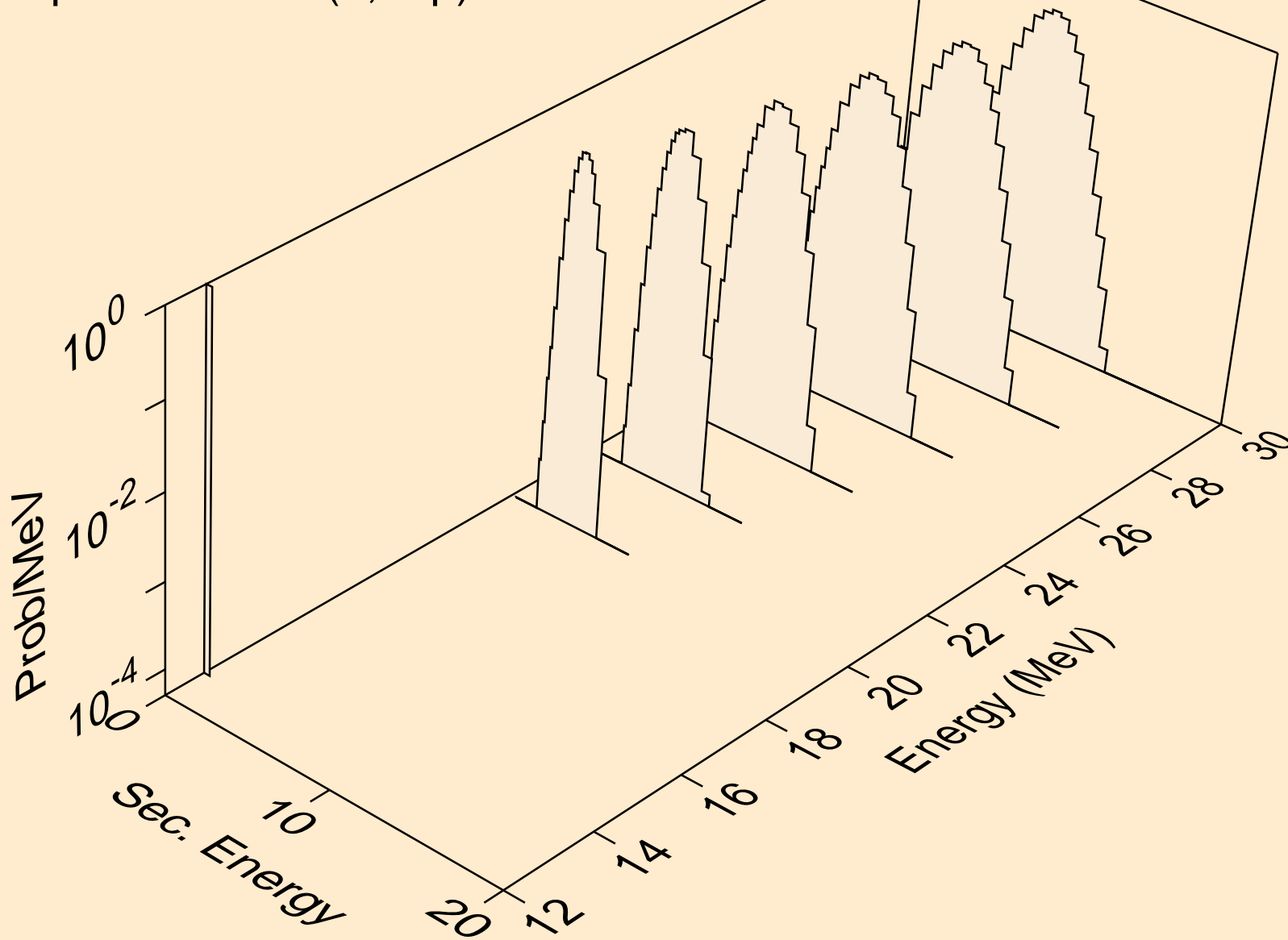
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

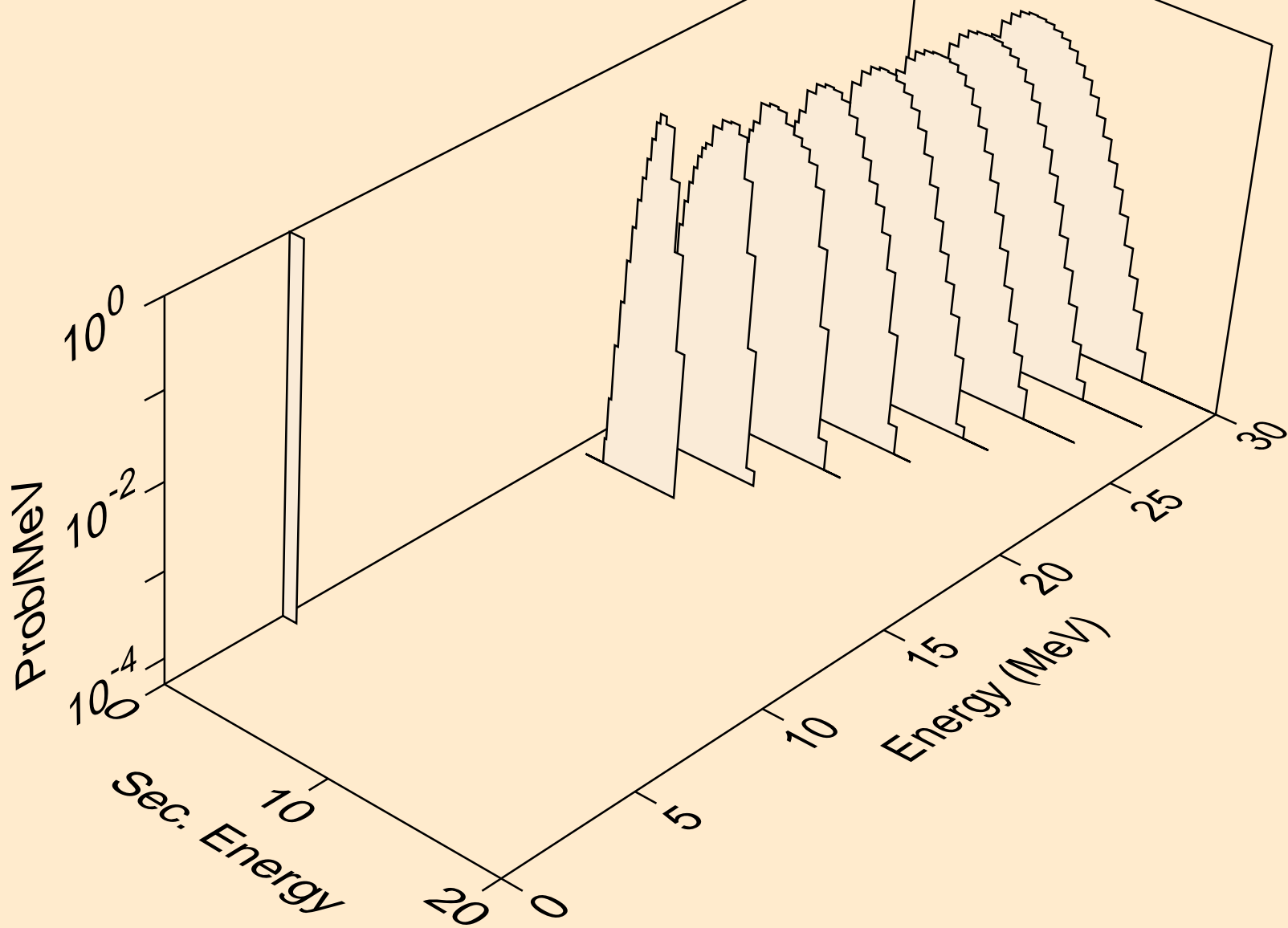


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protons from (n,n2p)

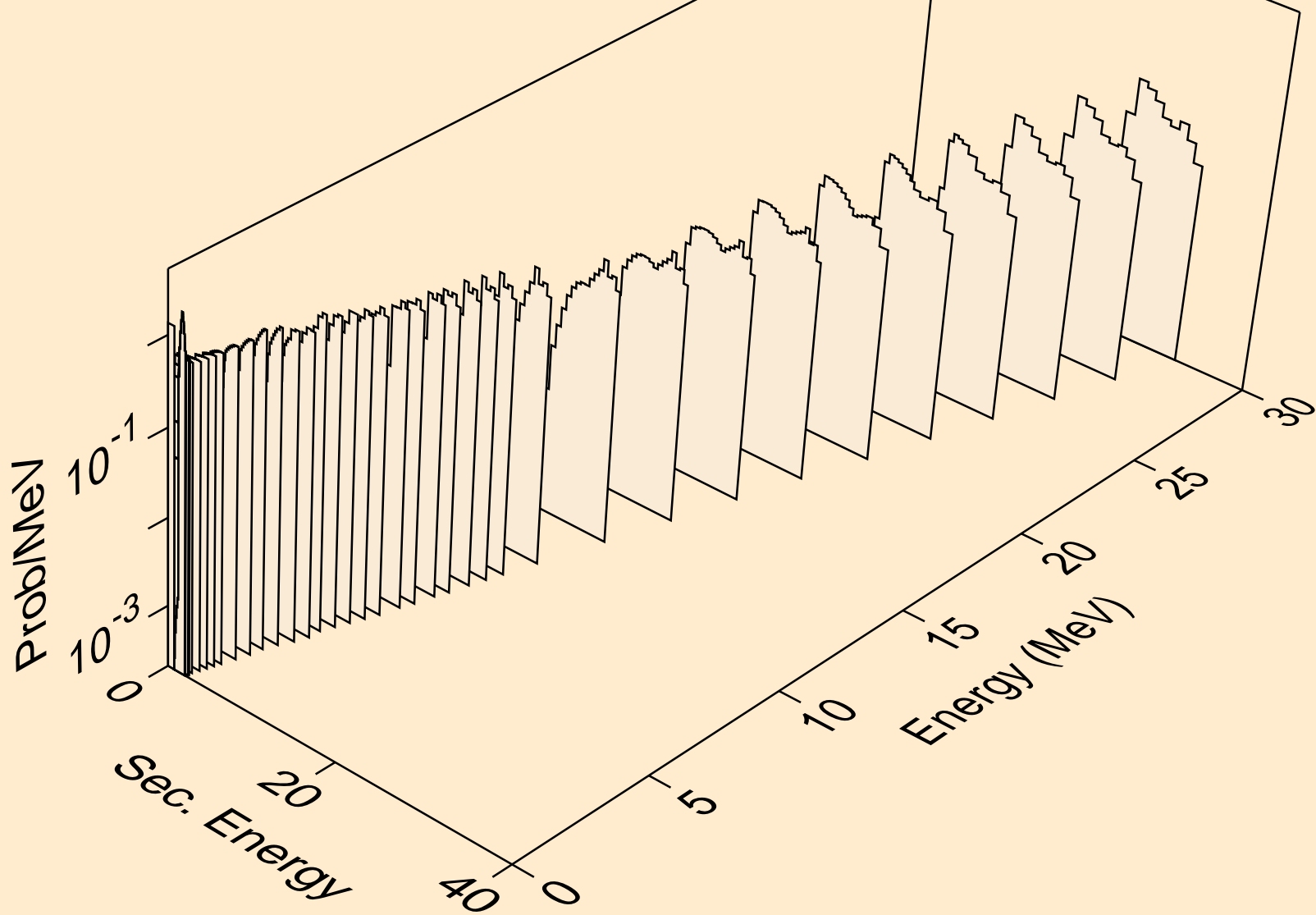




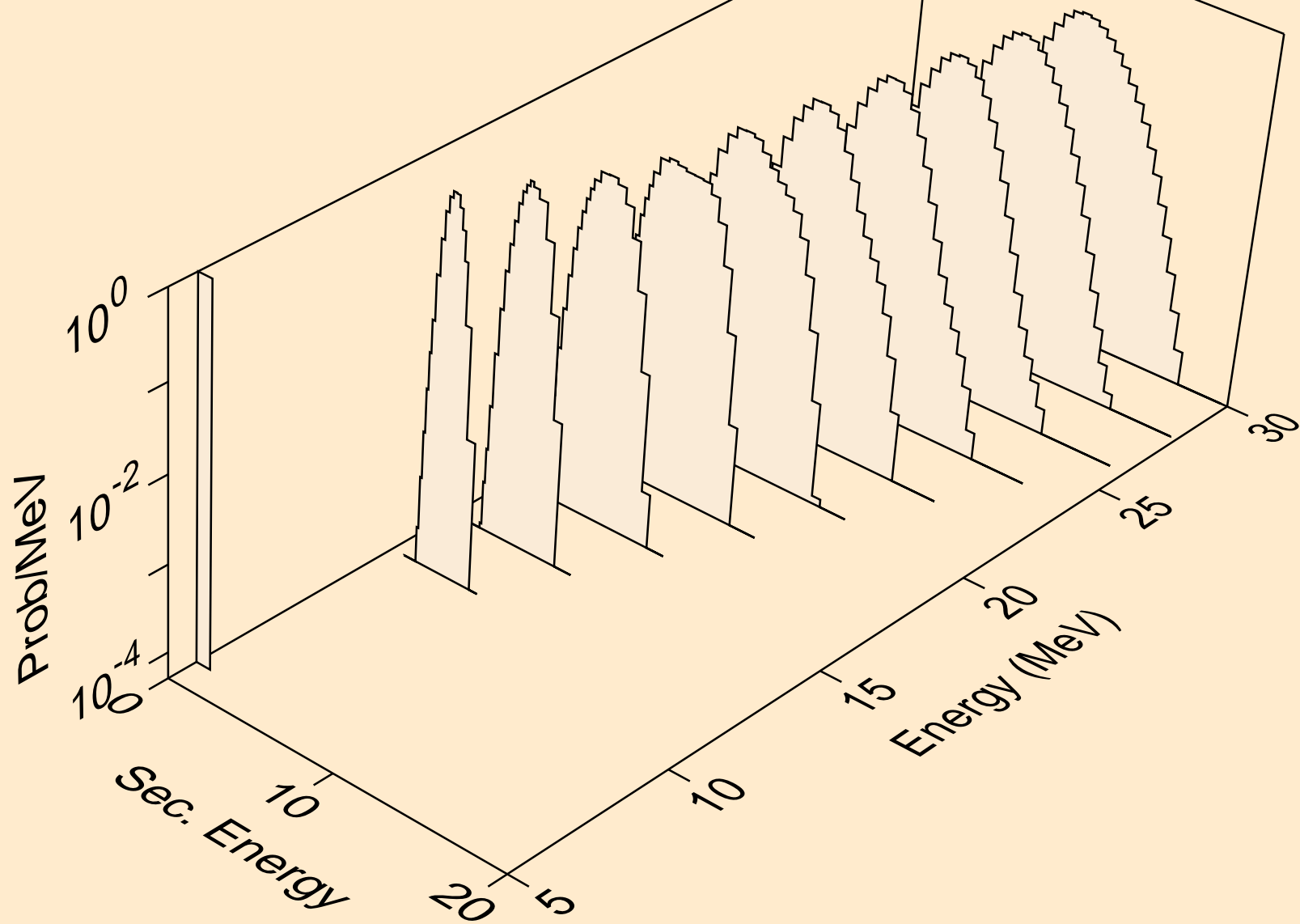
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protons from (n,npa)



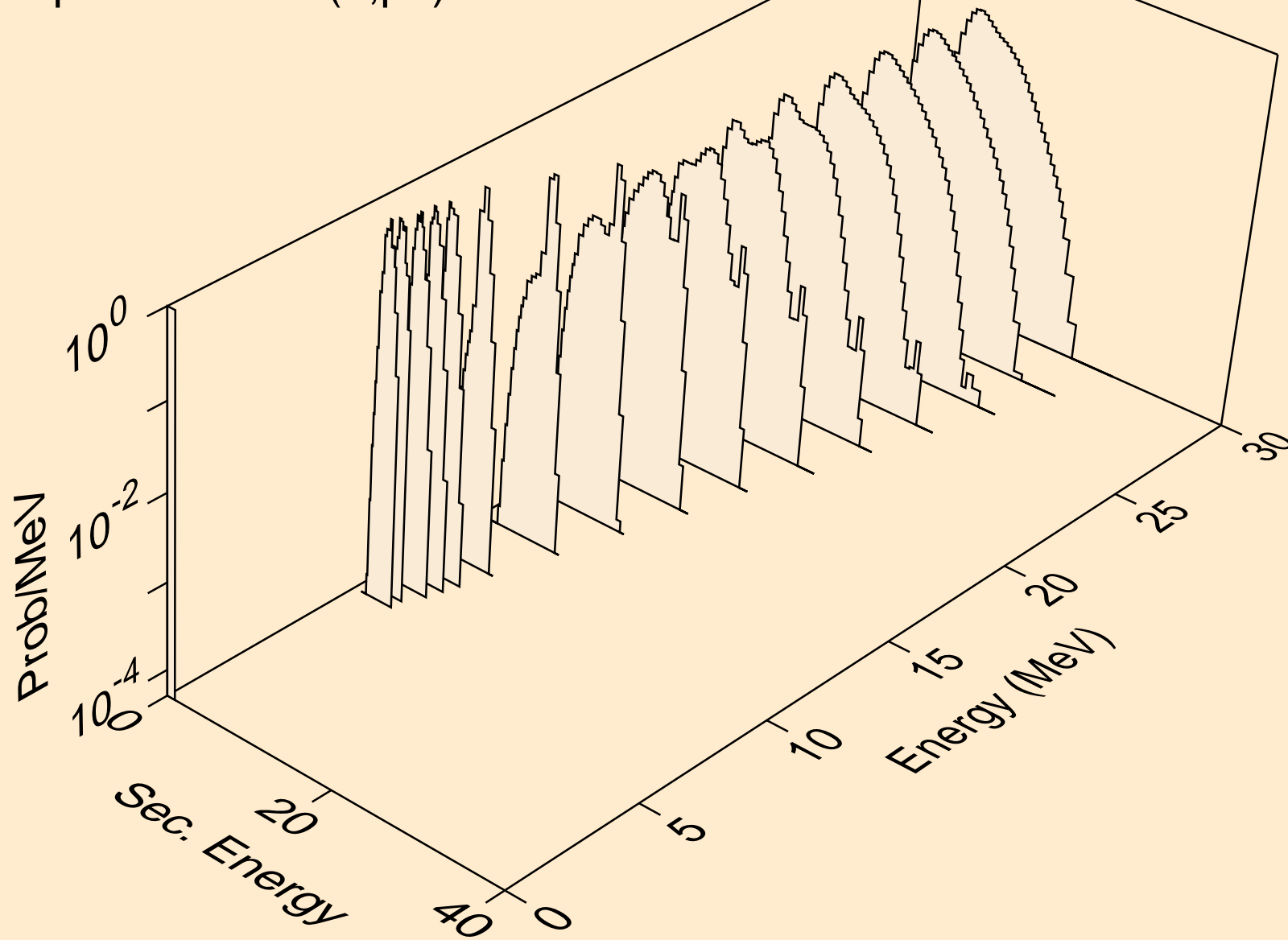
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protons from (n,p)



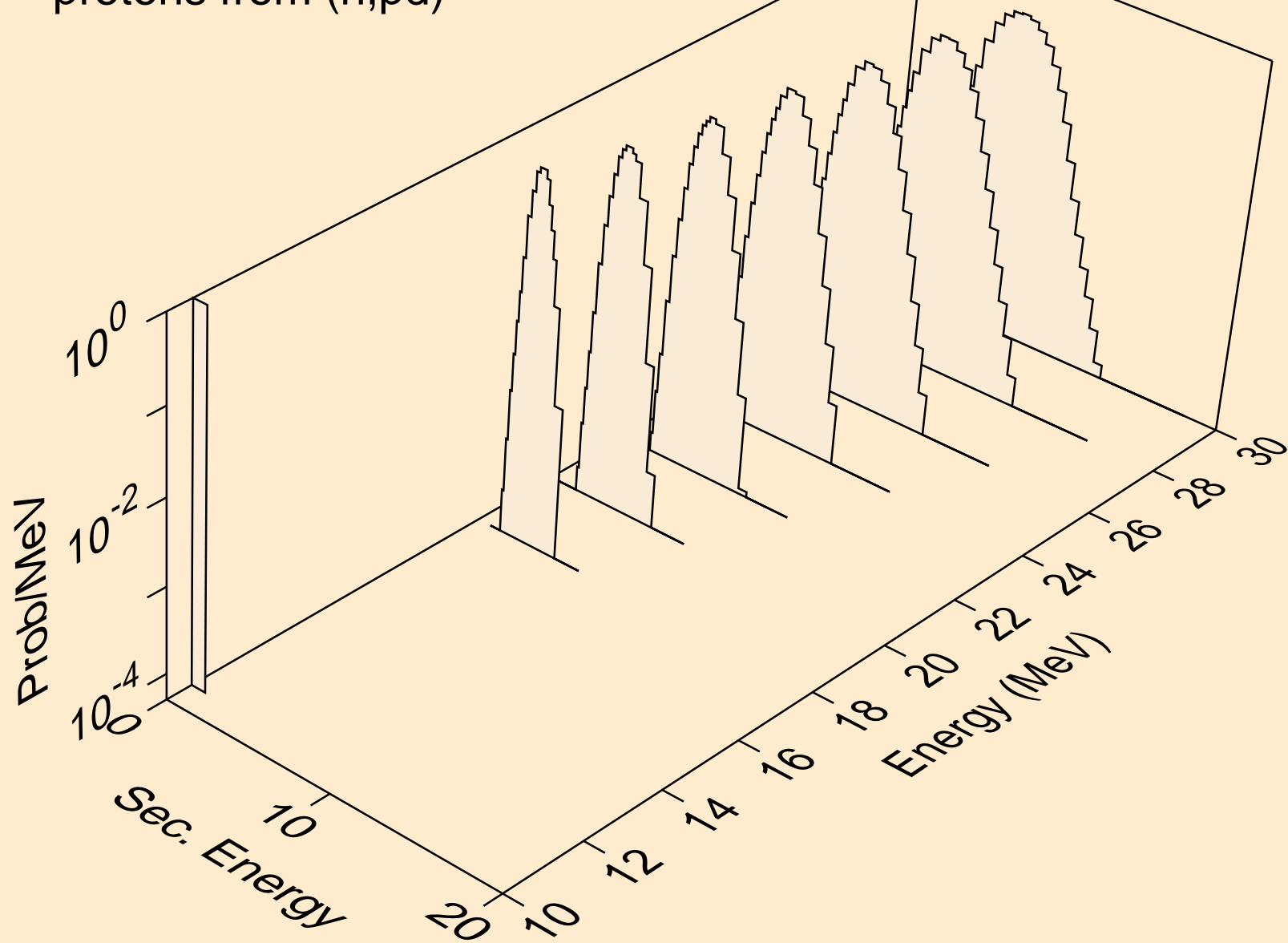
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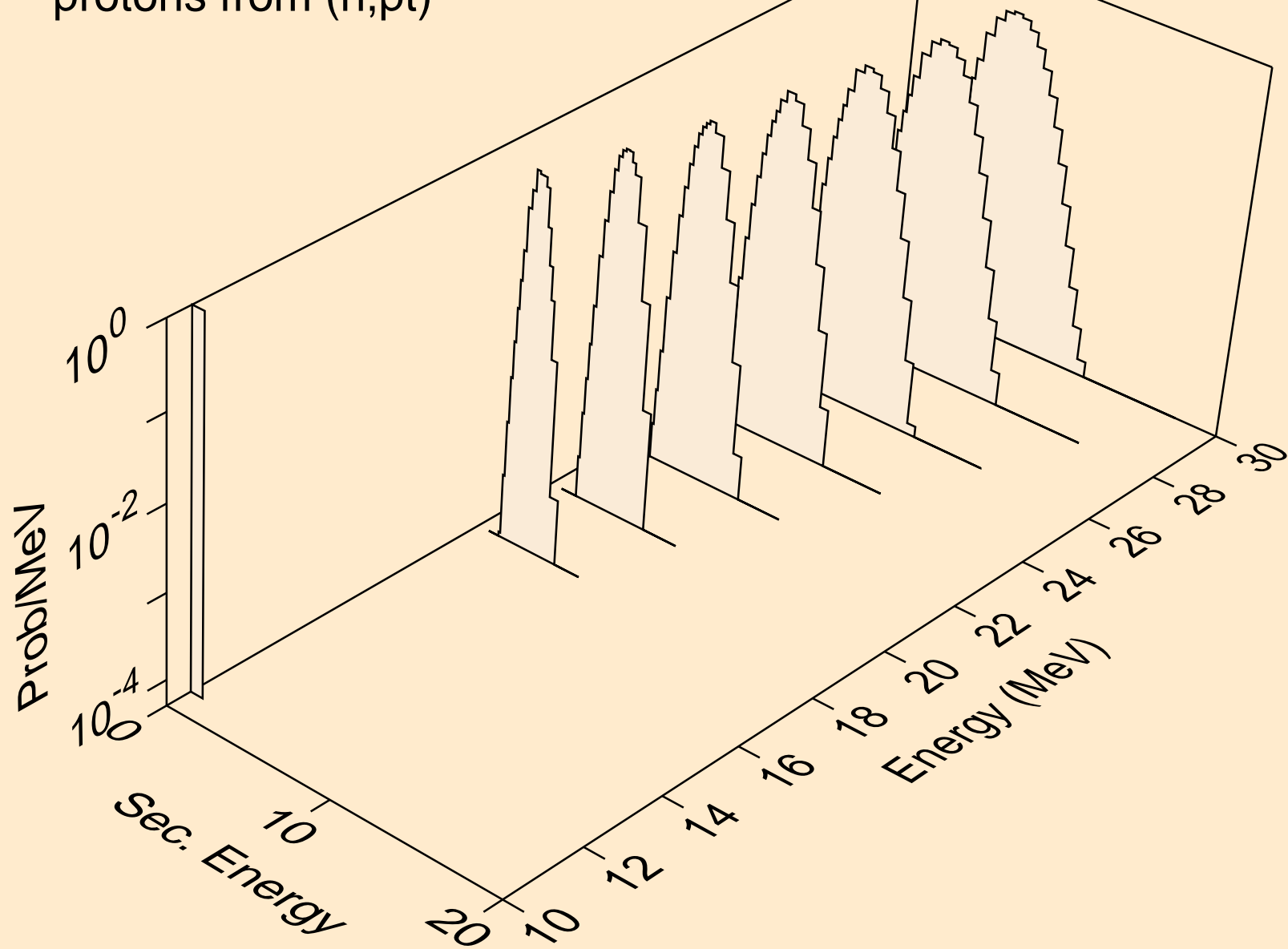
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protons from (n,p)



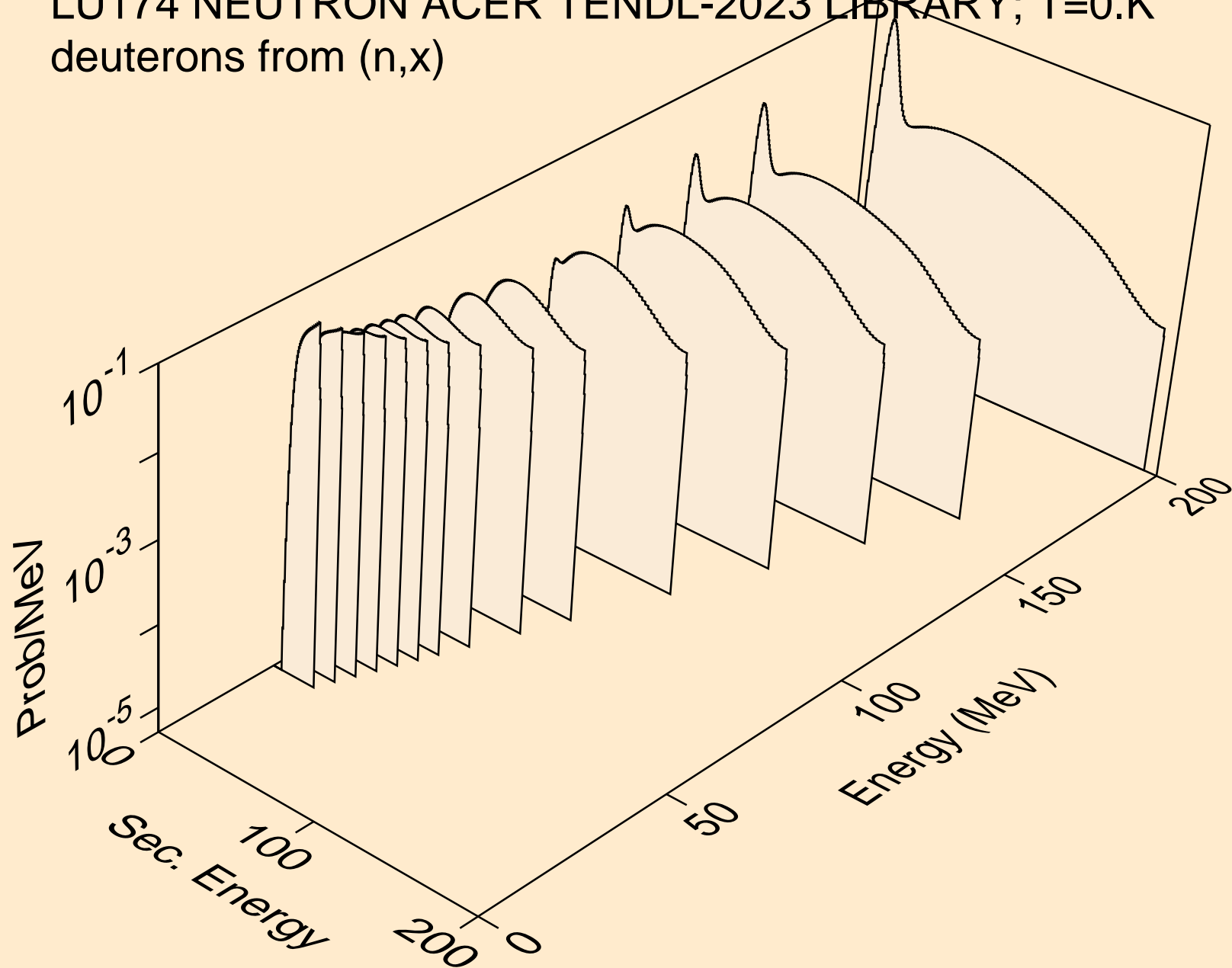
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protons from (n,pd)



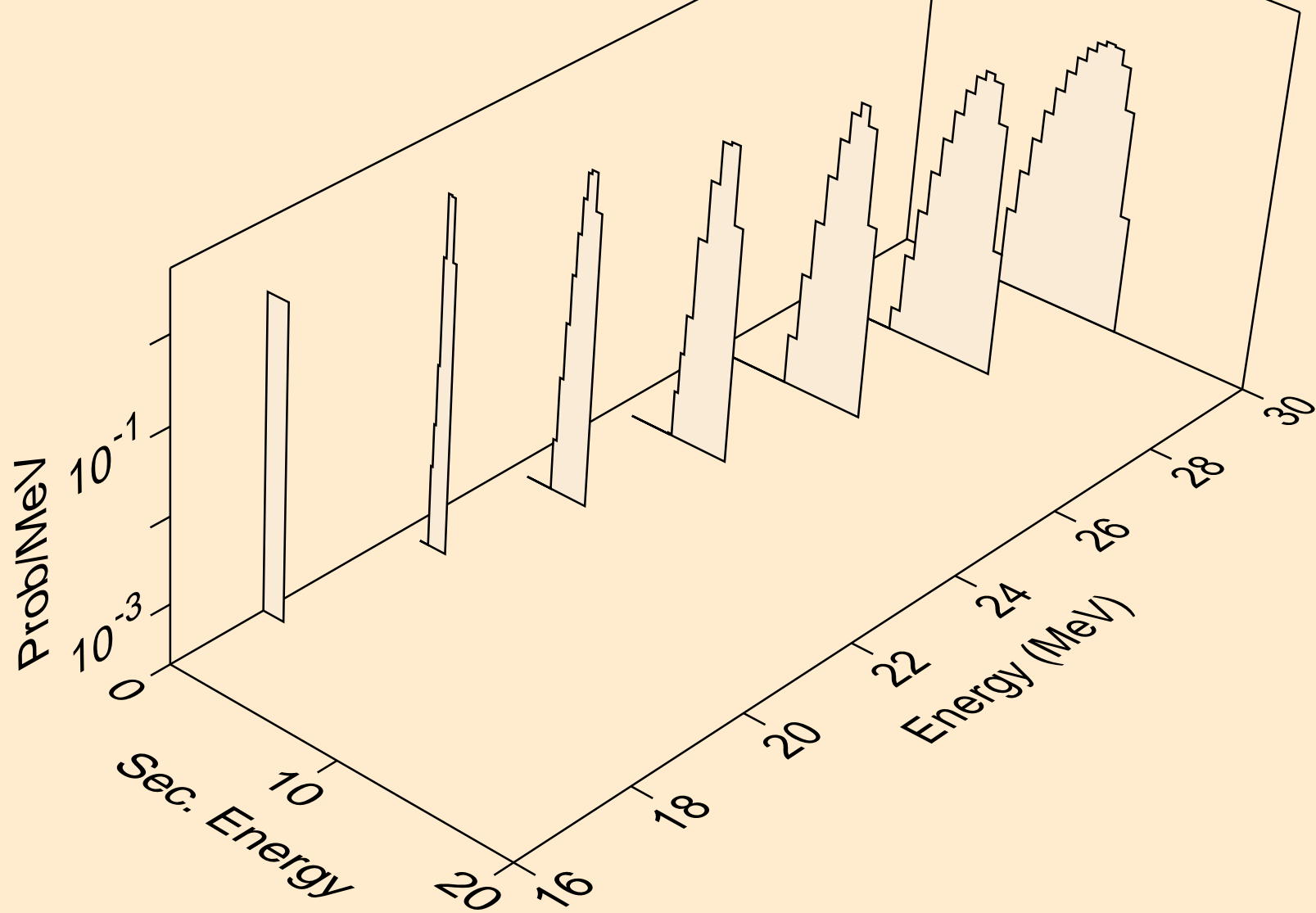
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protons from (n,pt)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

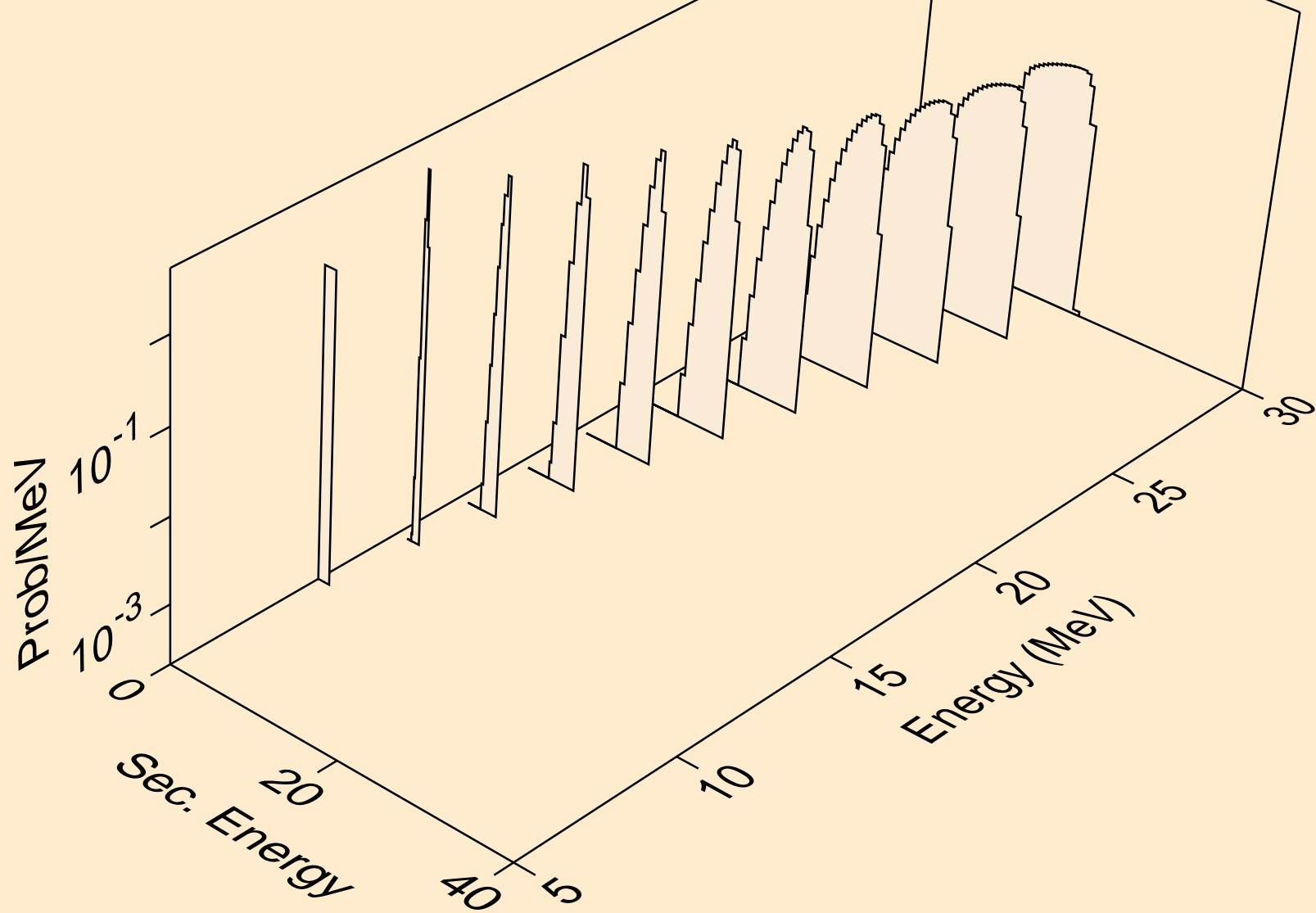


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deuterons from (n,2nd)

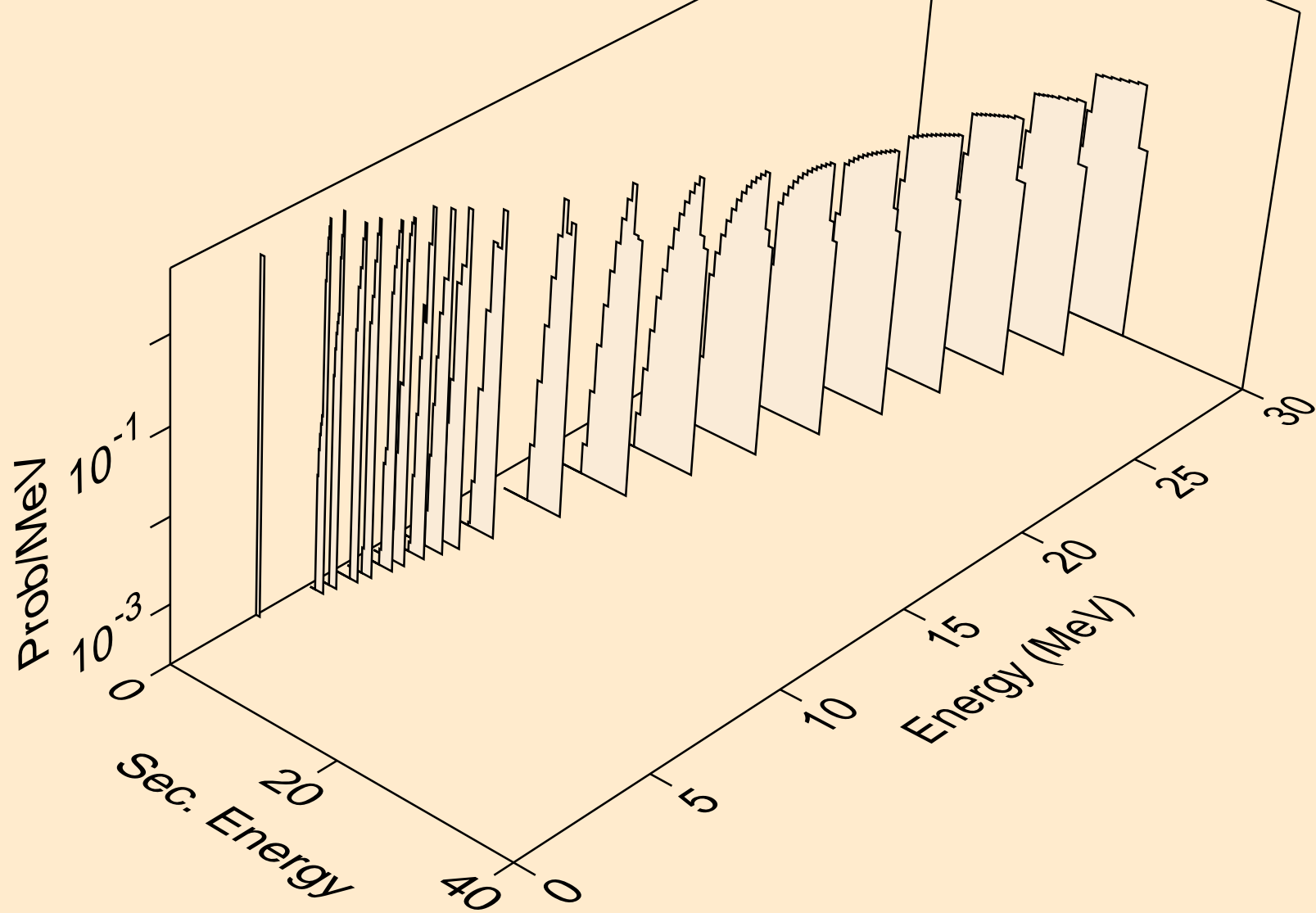




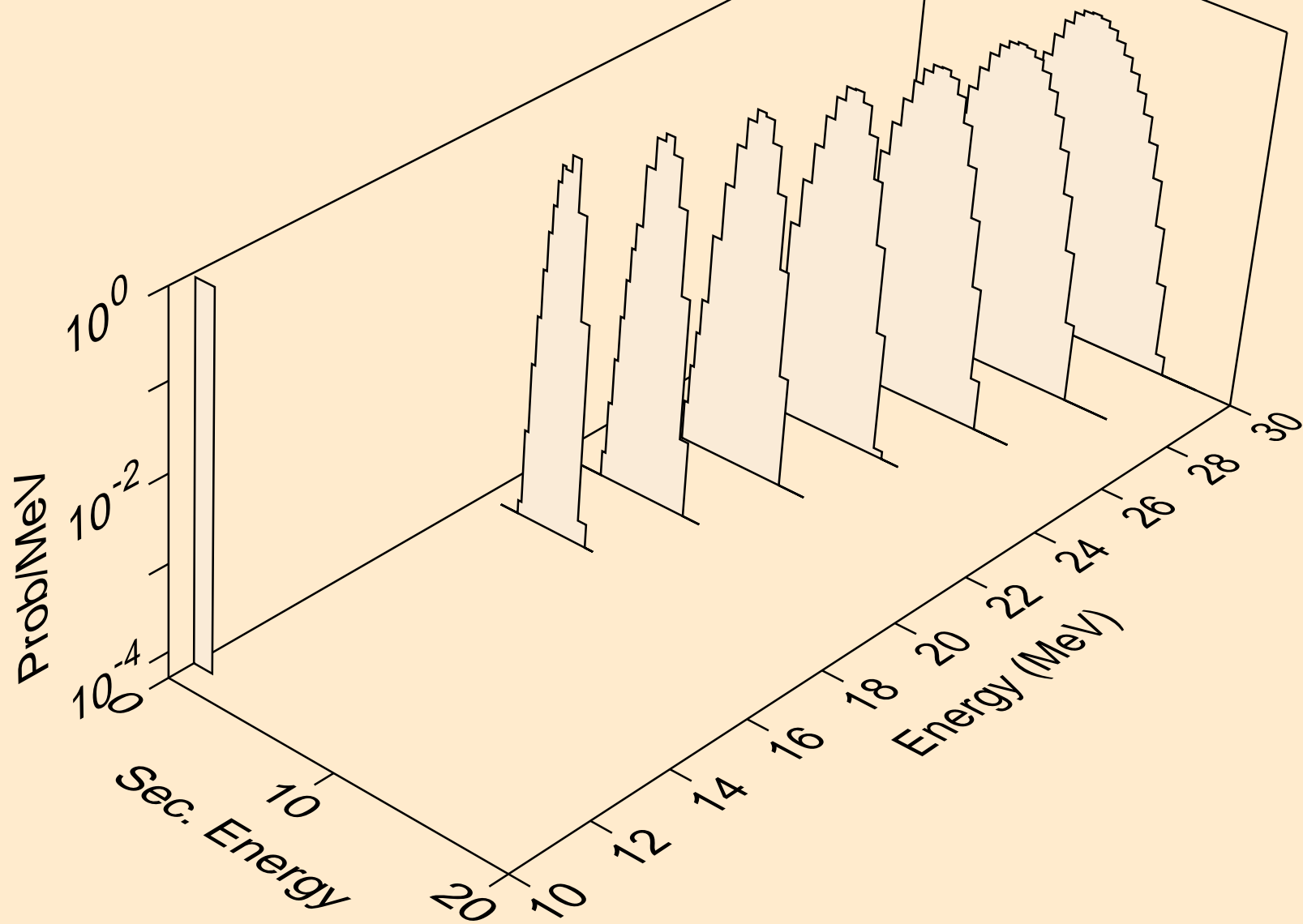
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



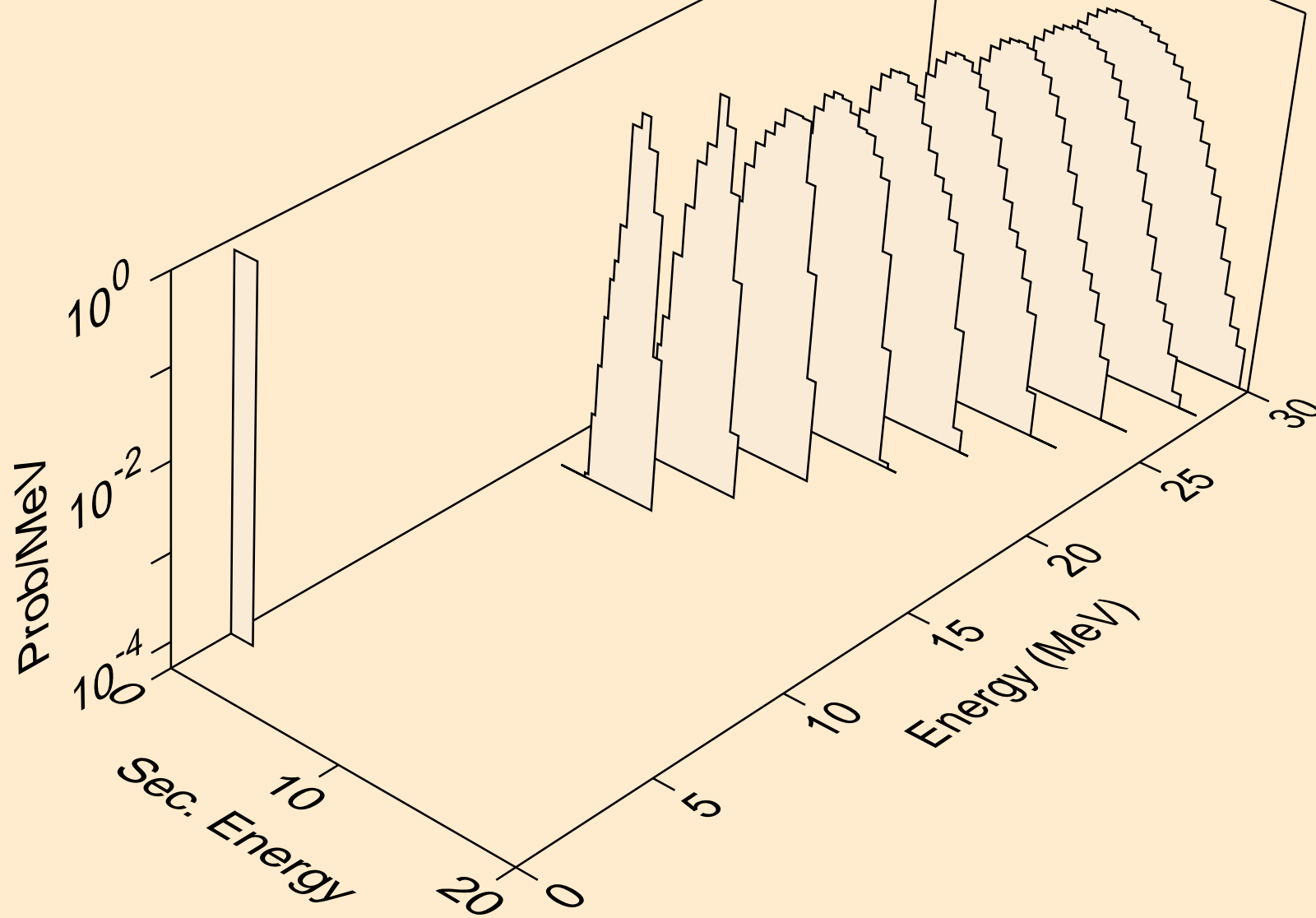
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



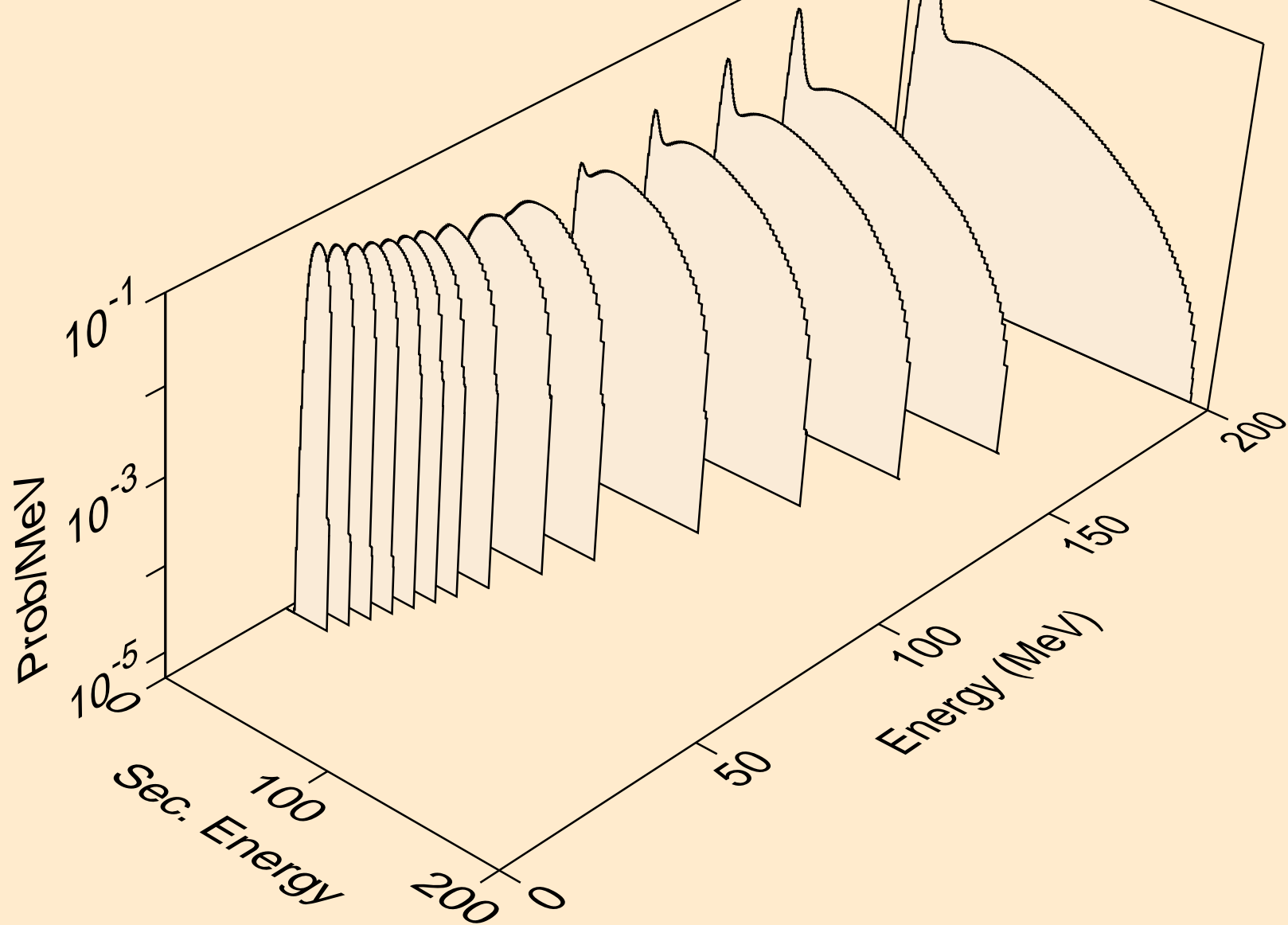
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



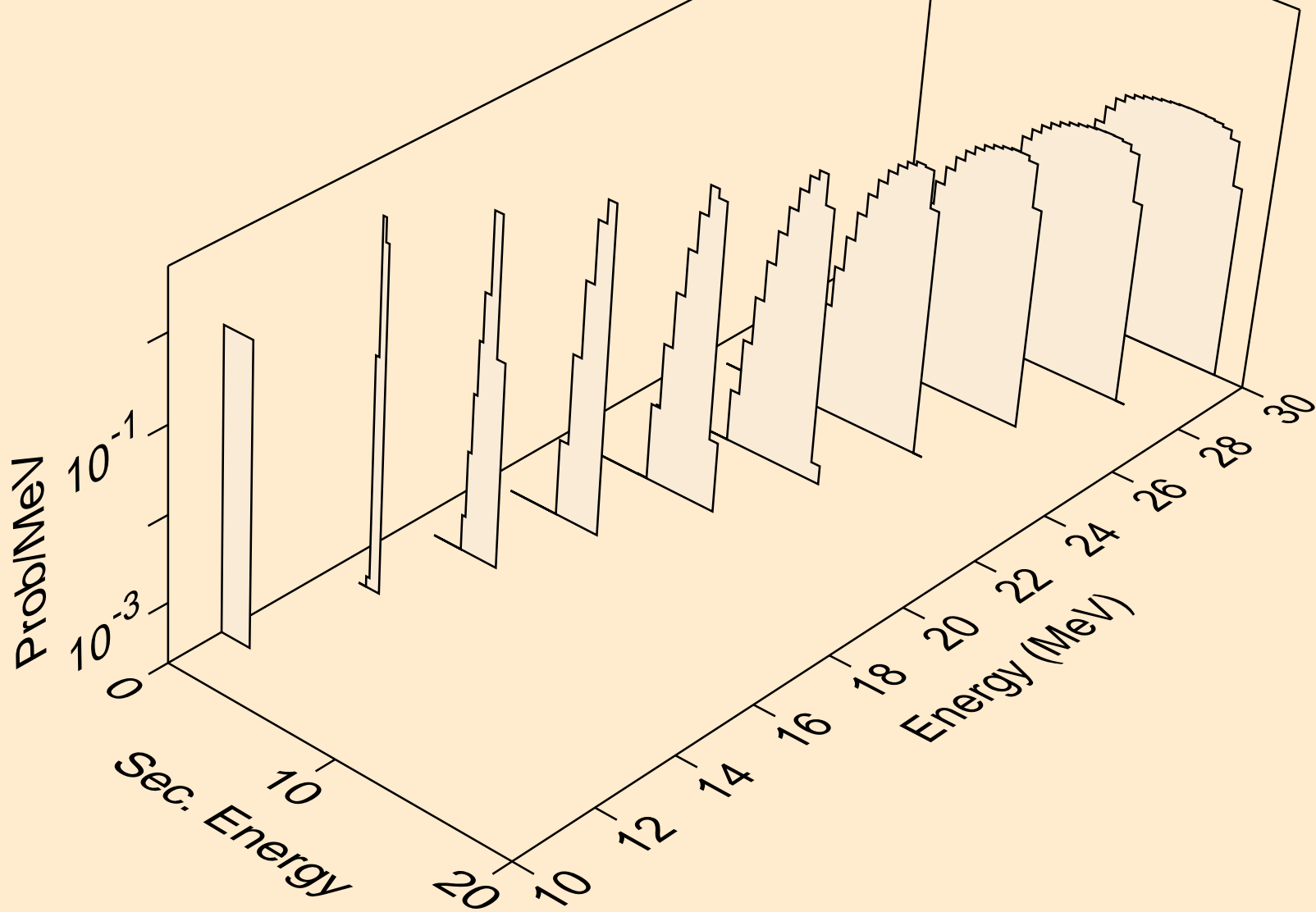
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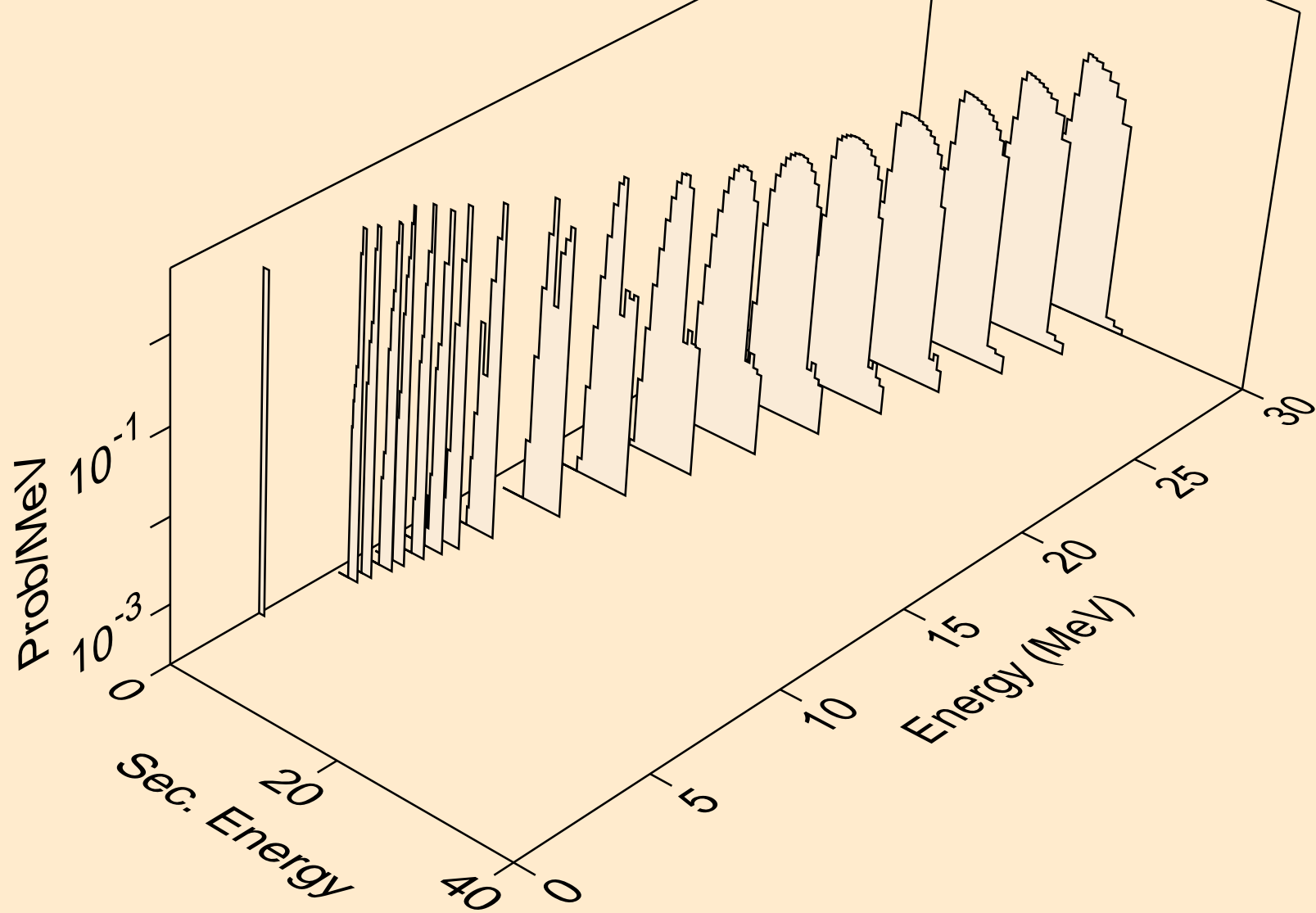
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



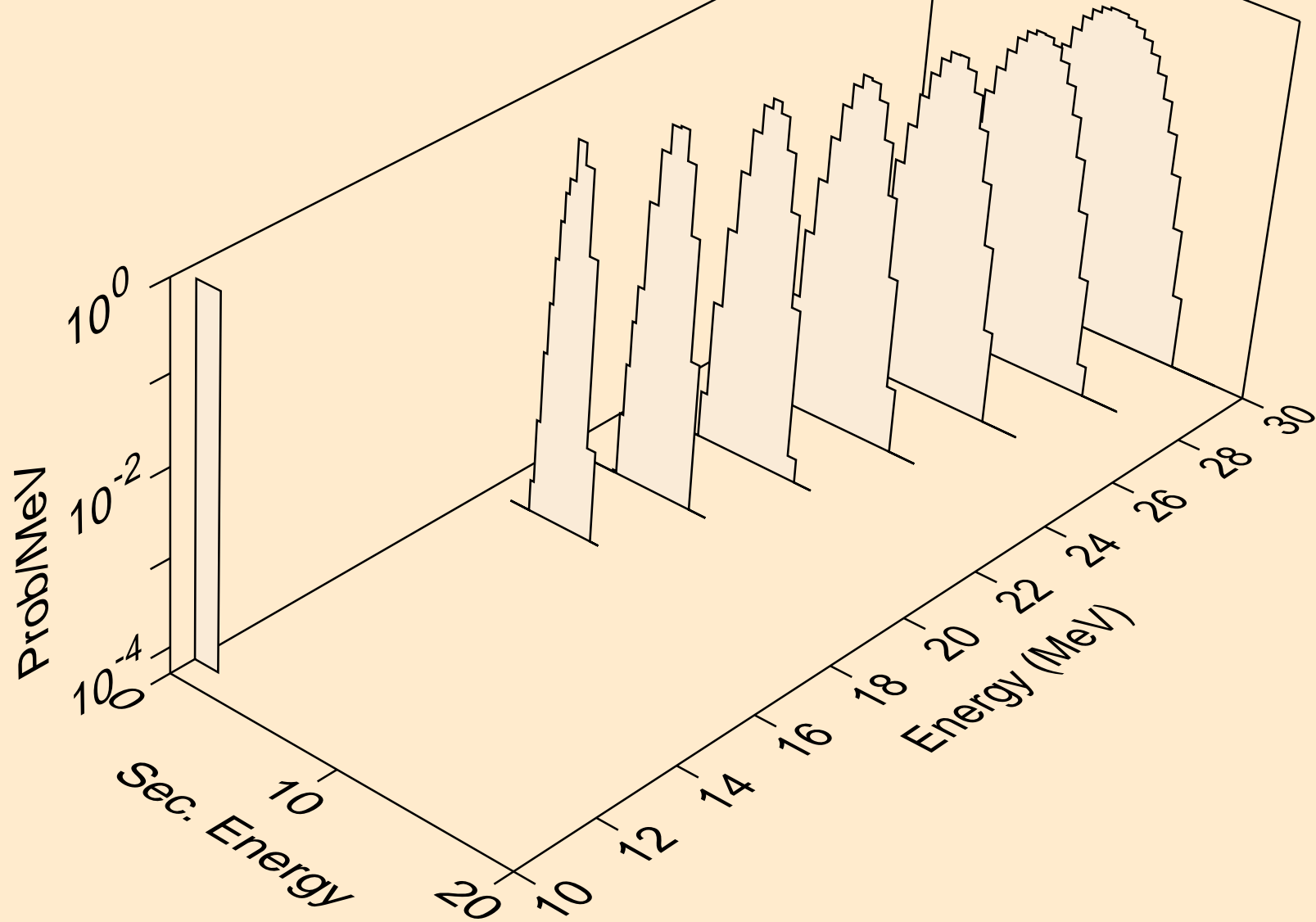
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

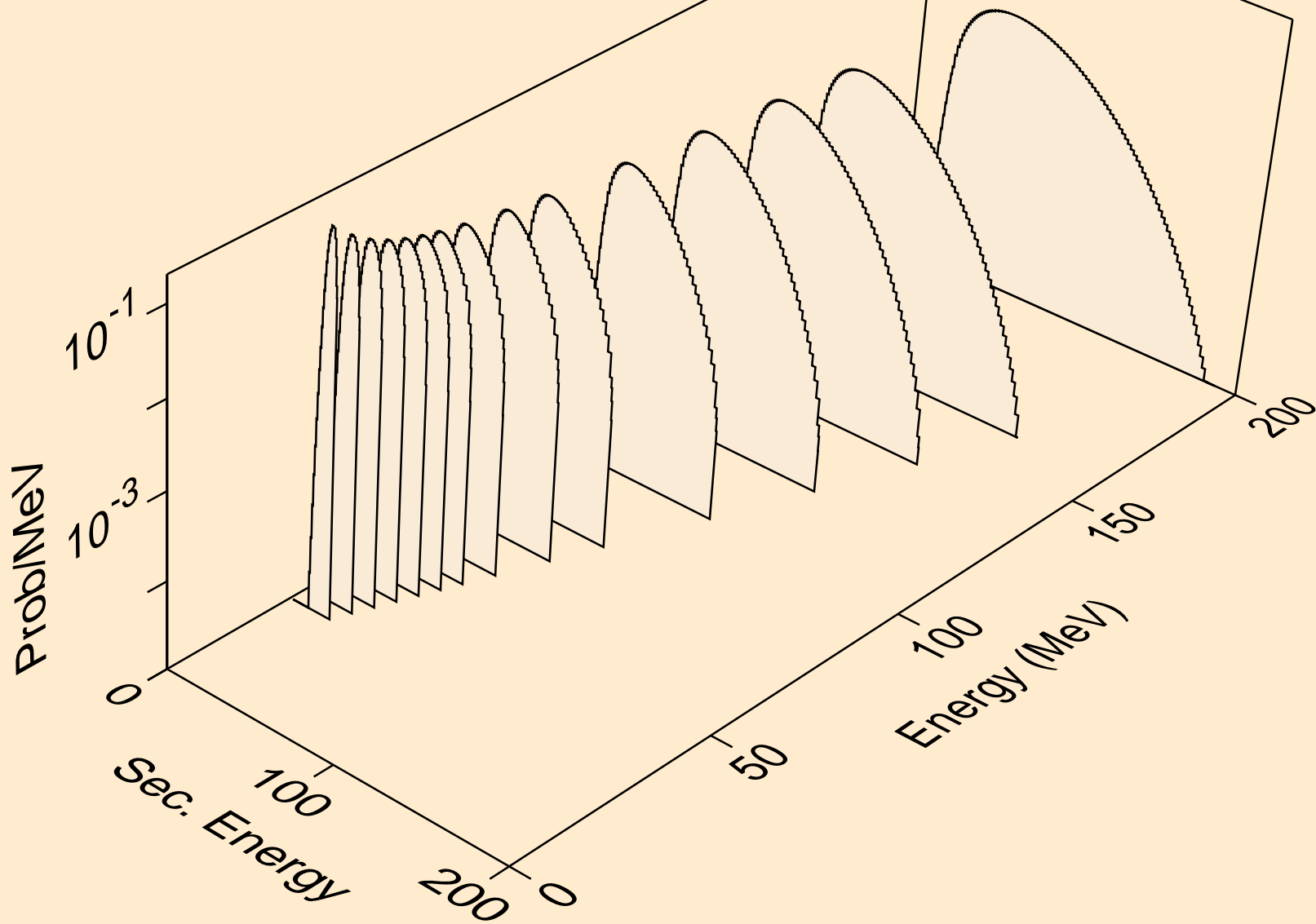


LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

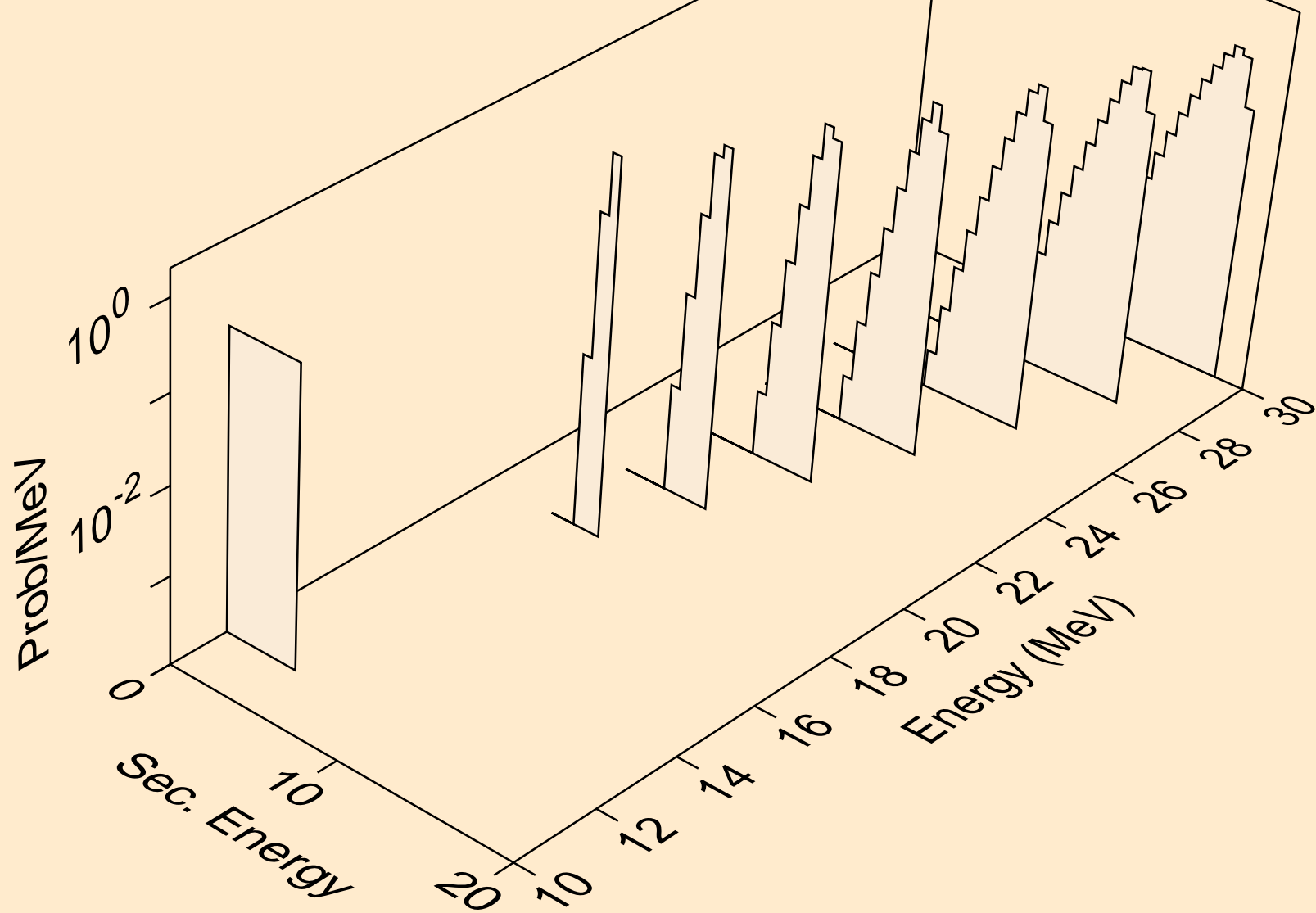




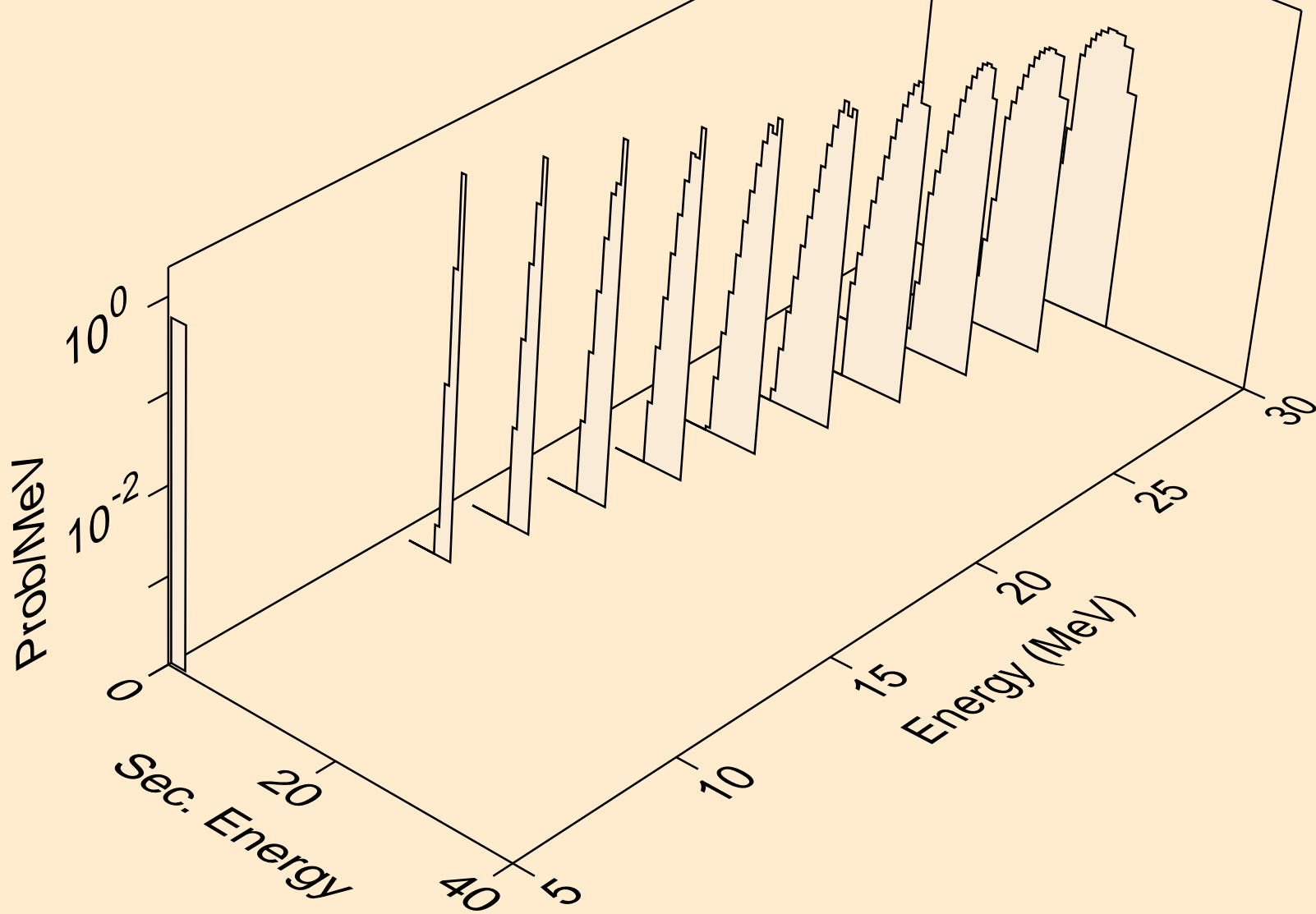
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he3s from (n,x)



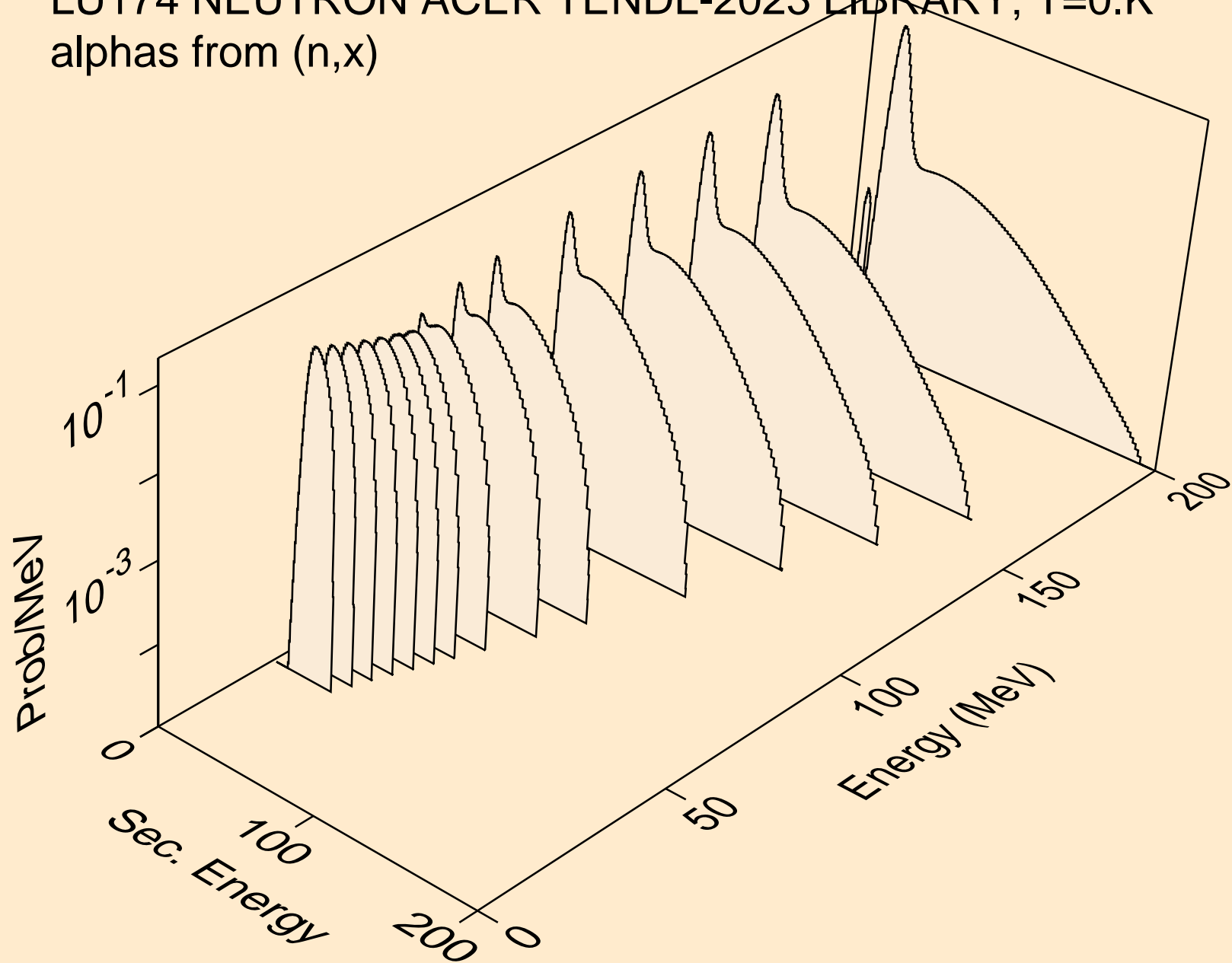
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he3s from (n,n\*)he3



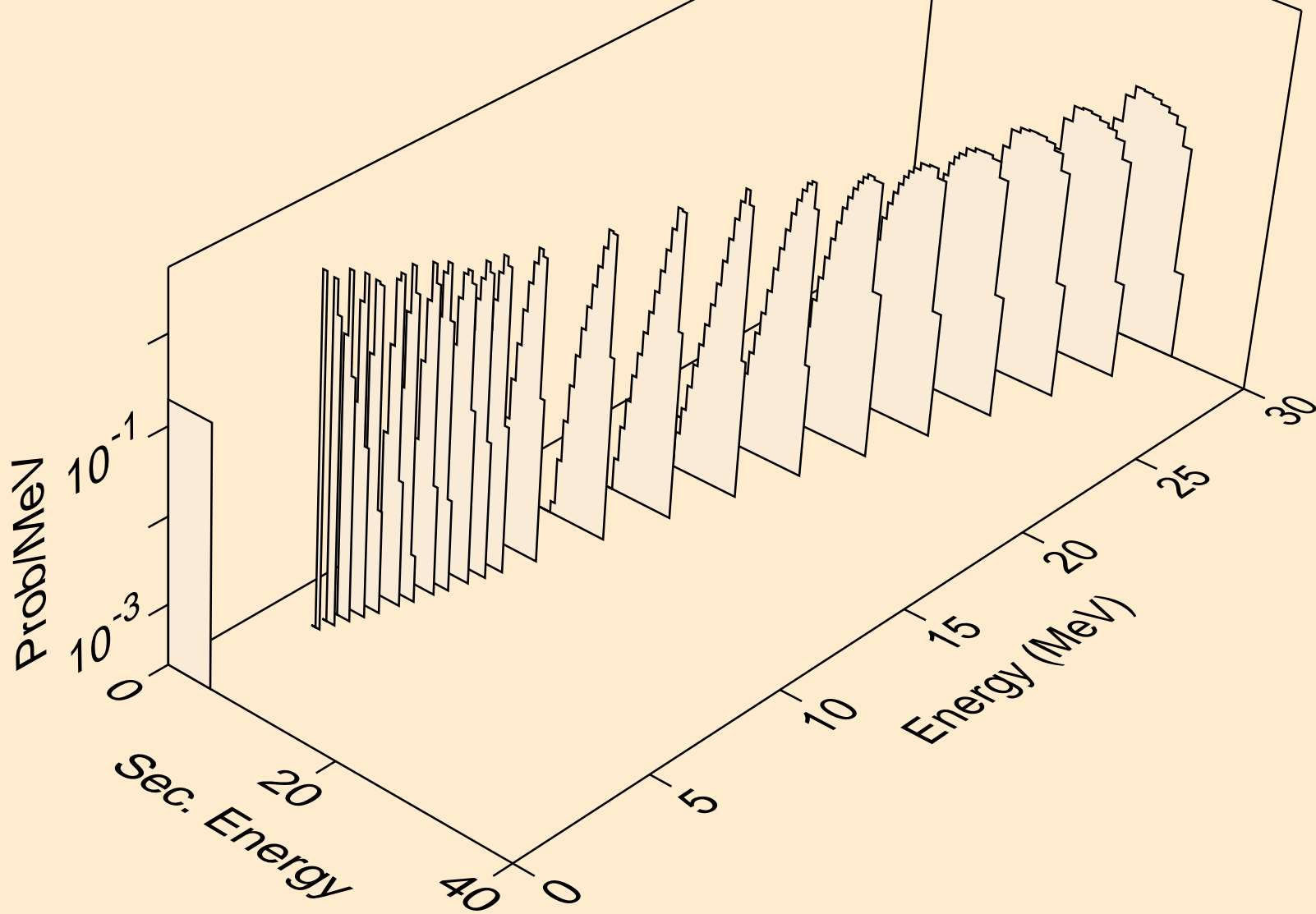
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he3s from (n,he3)



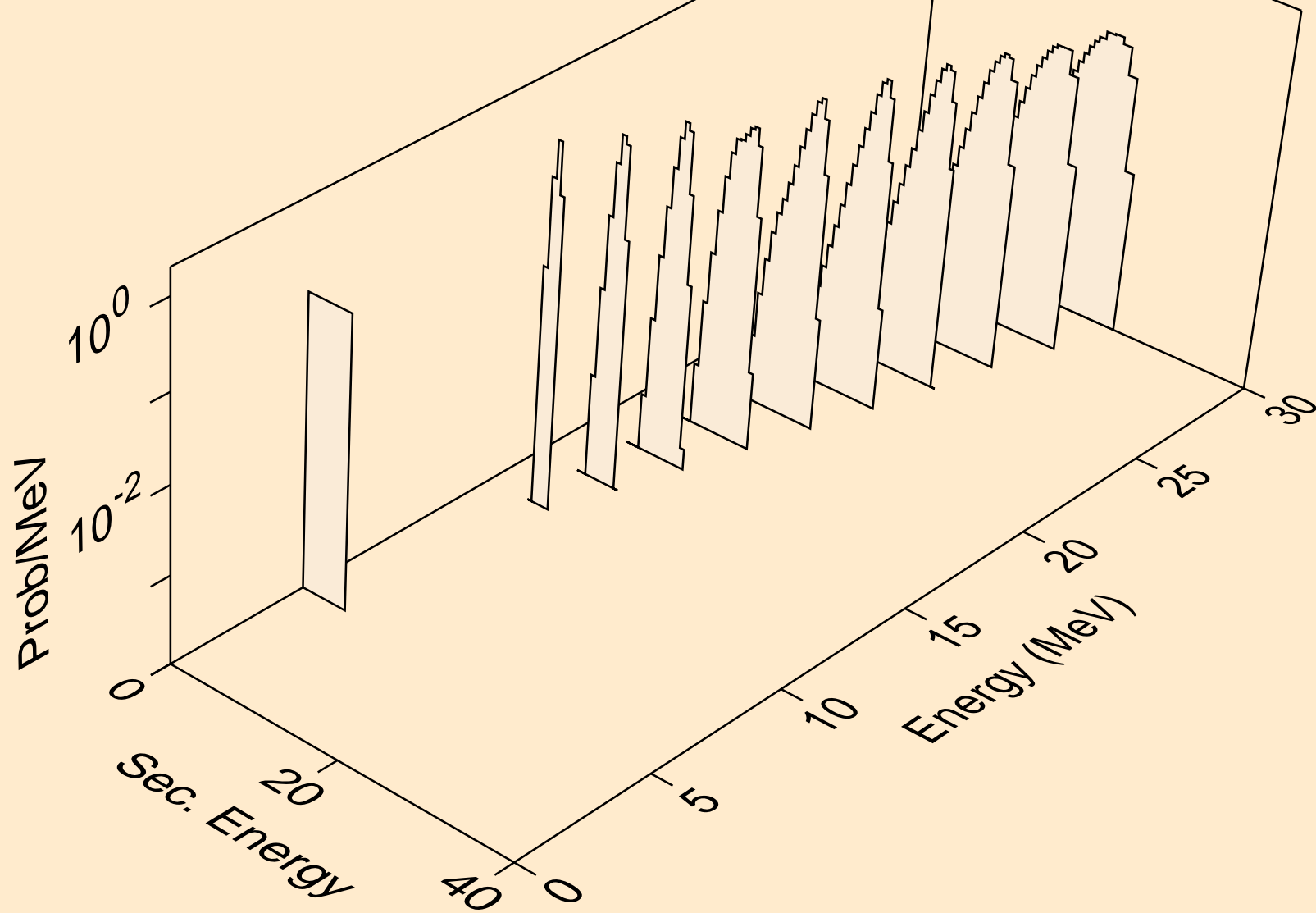
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



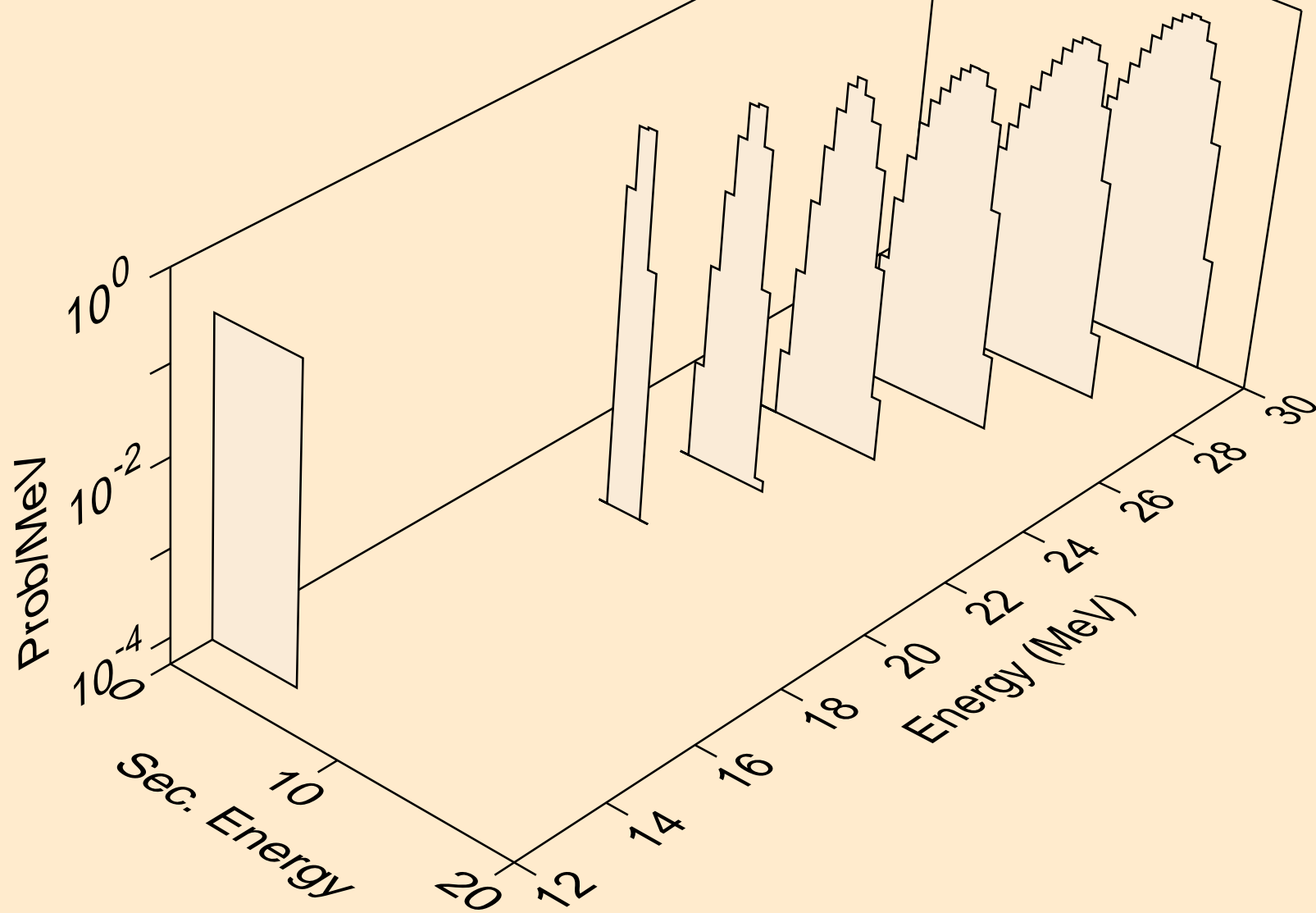
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alphas from (n,n\*)a



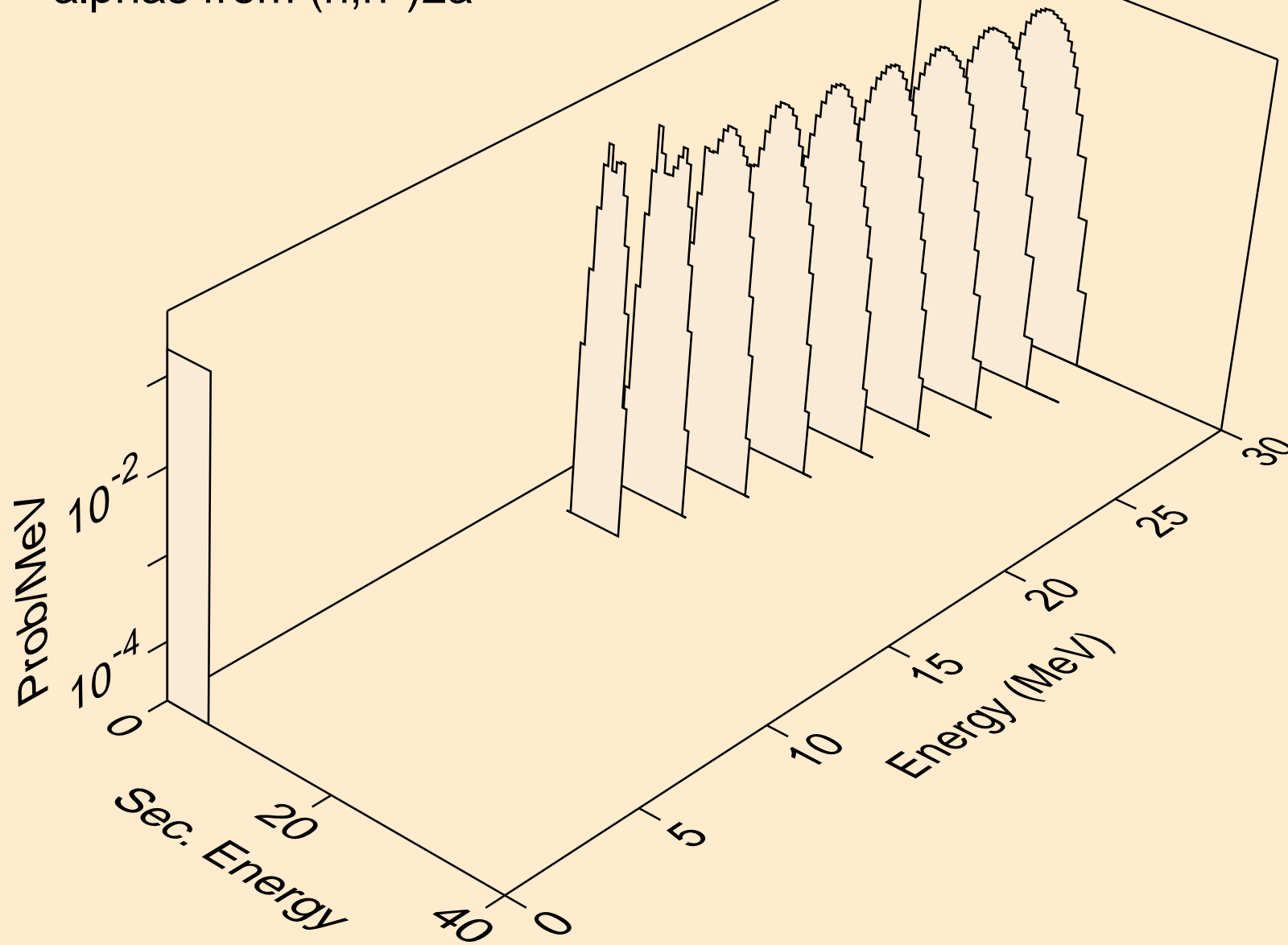
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alphas from (n,2n)a



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

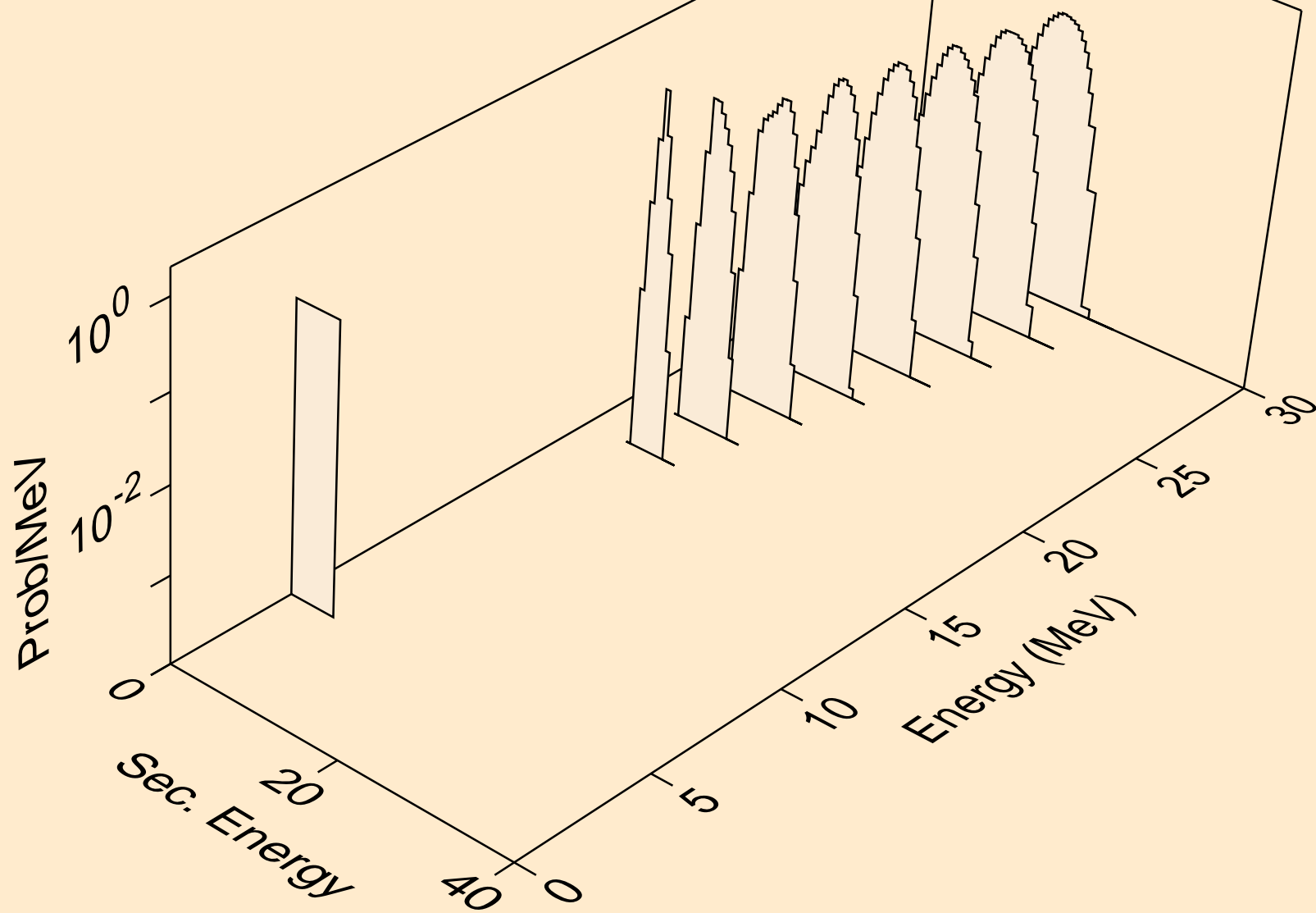


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alphas from (n,n\*)2a

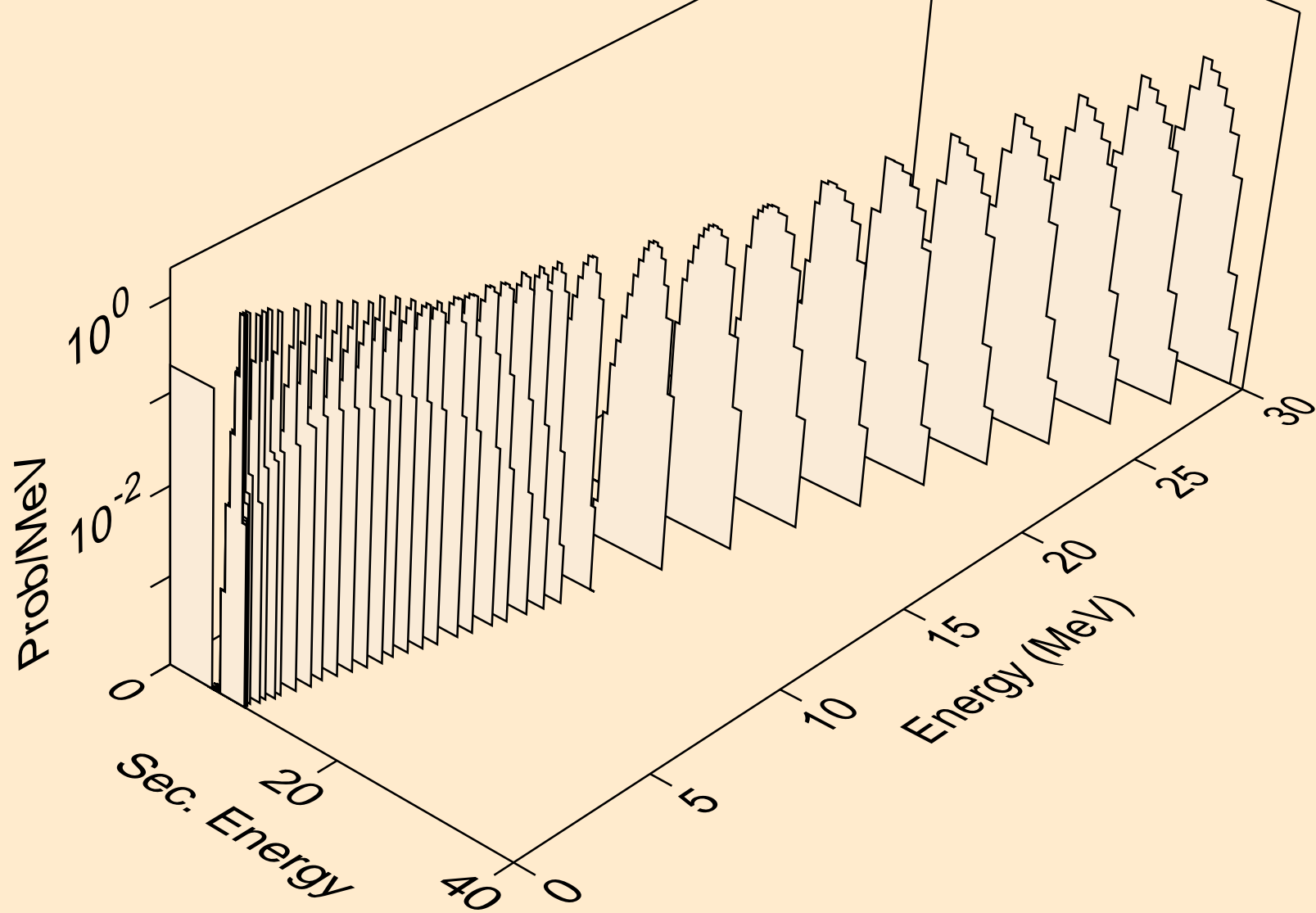




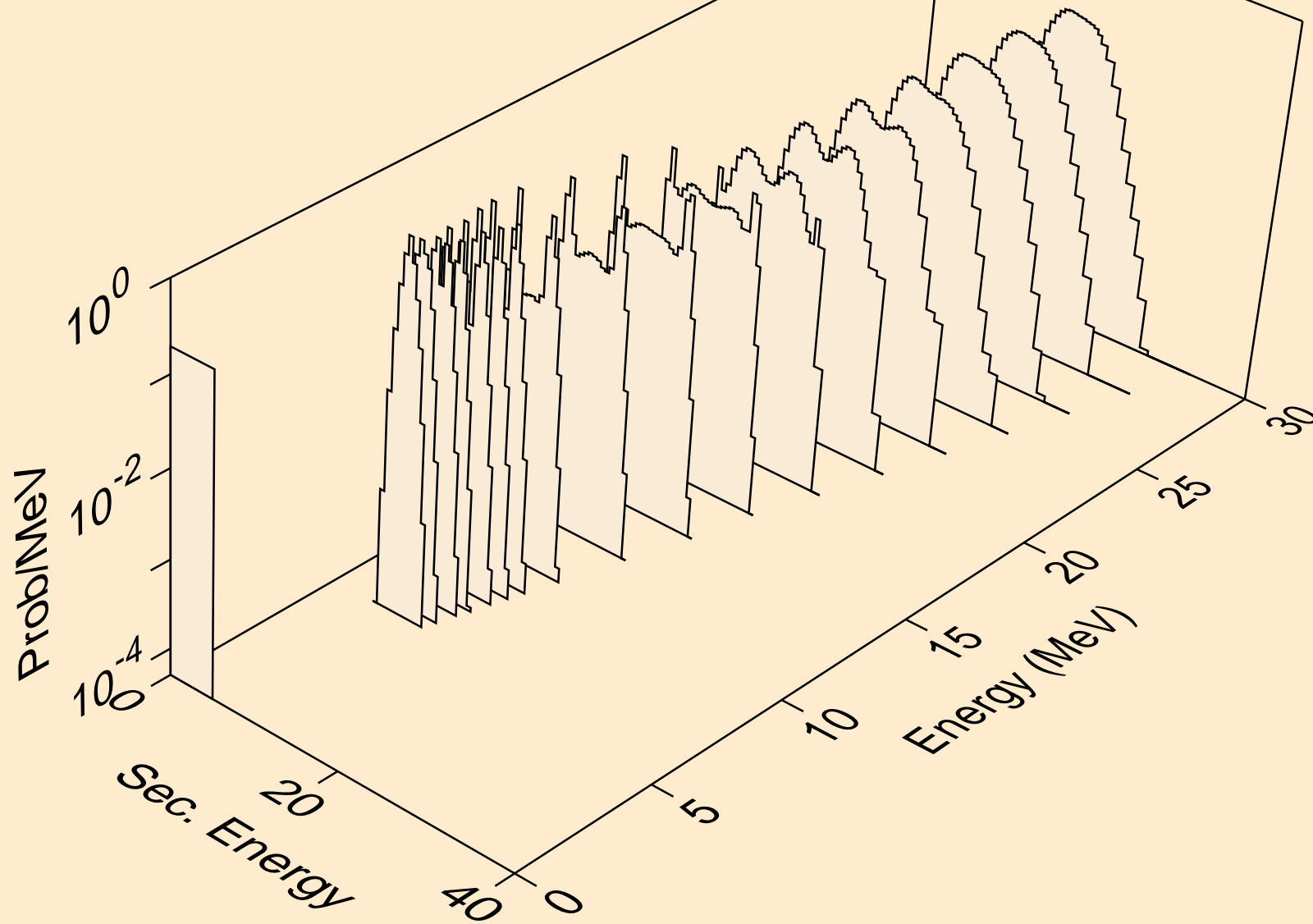
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alphas from (n,npa)



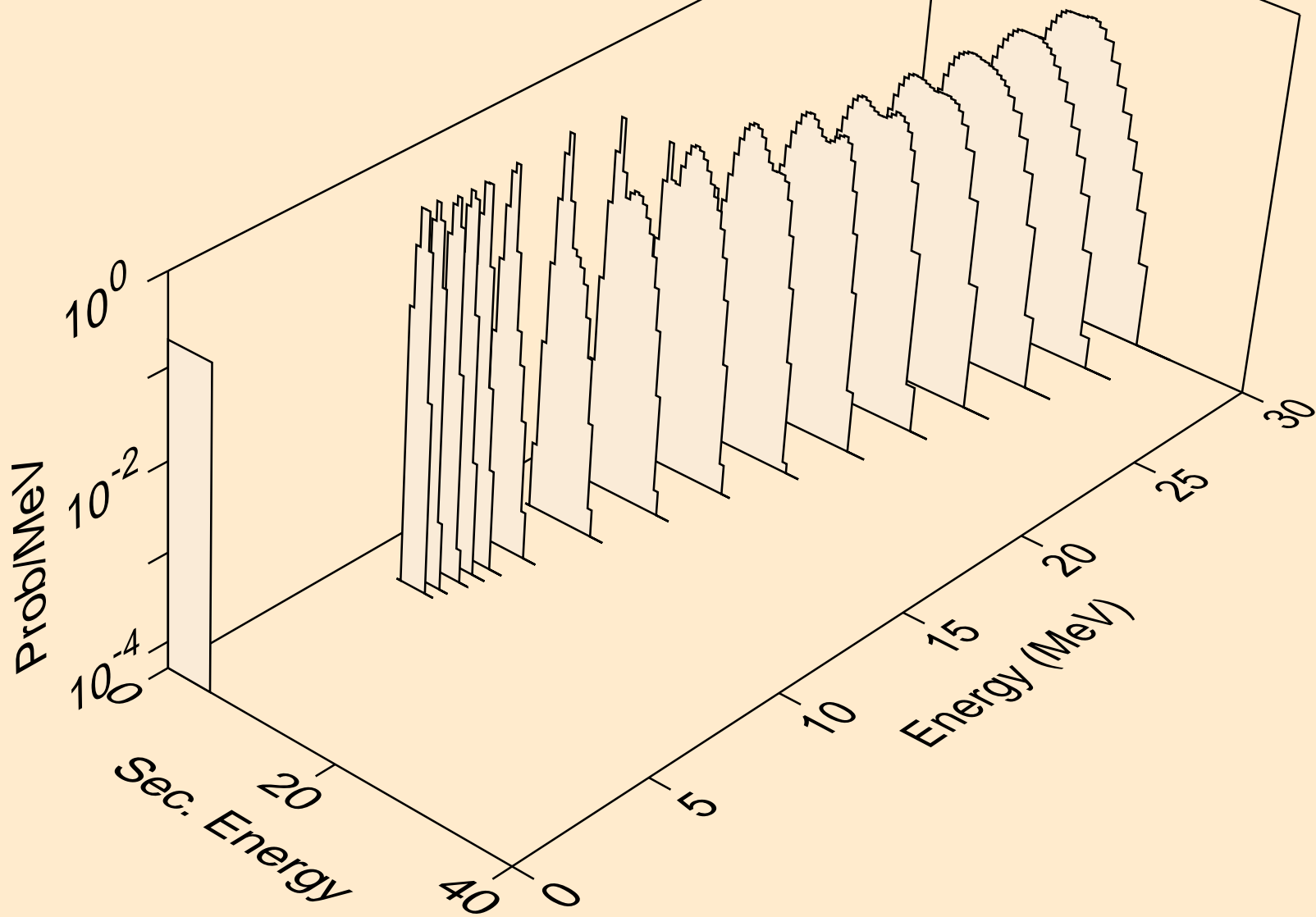
LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



LU174 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

