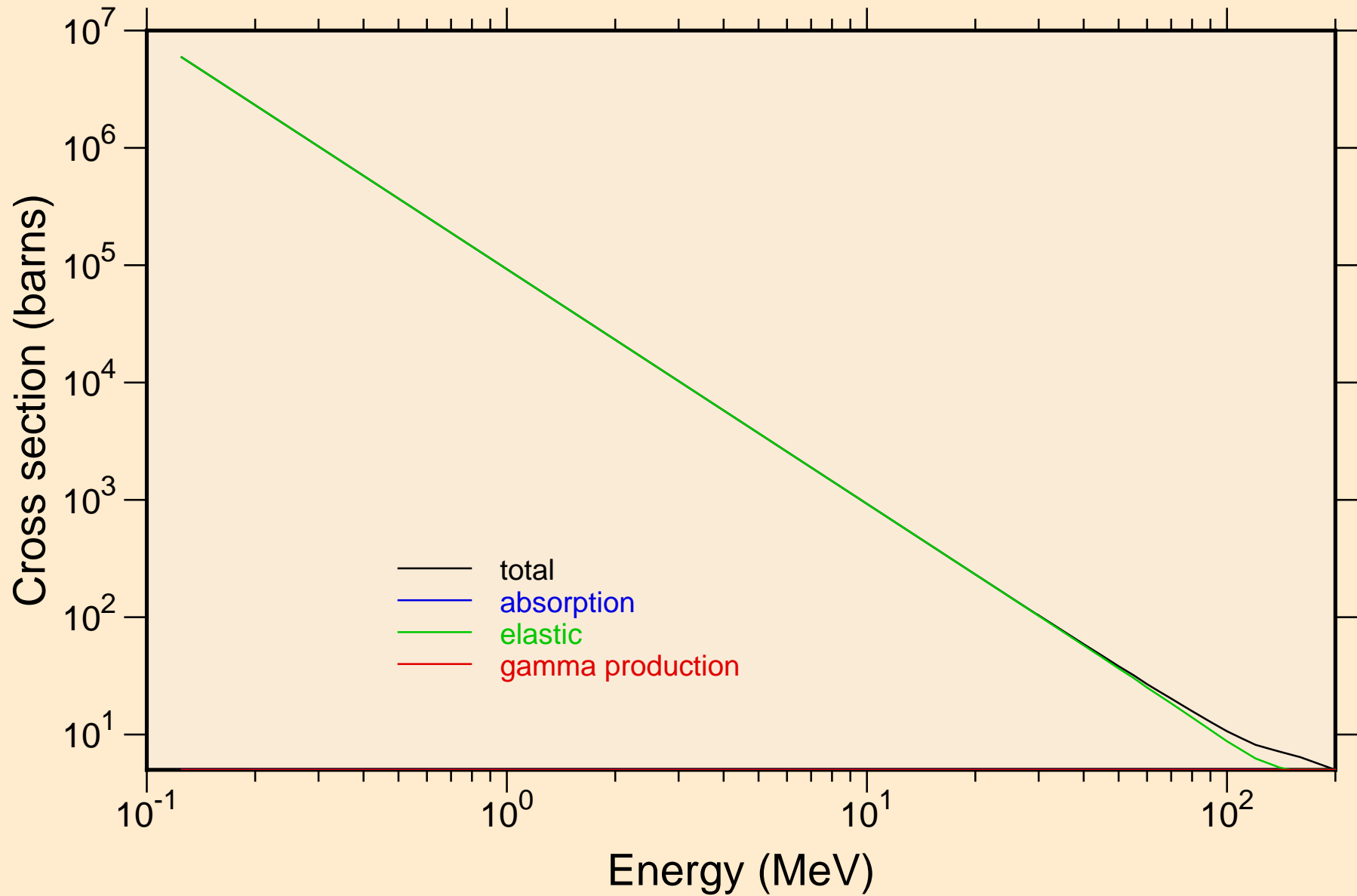
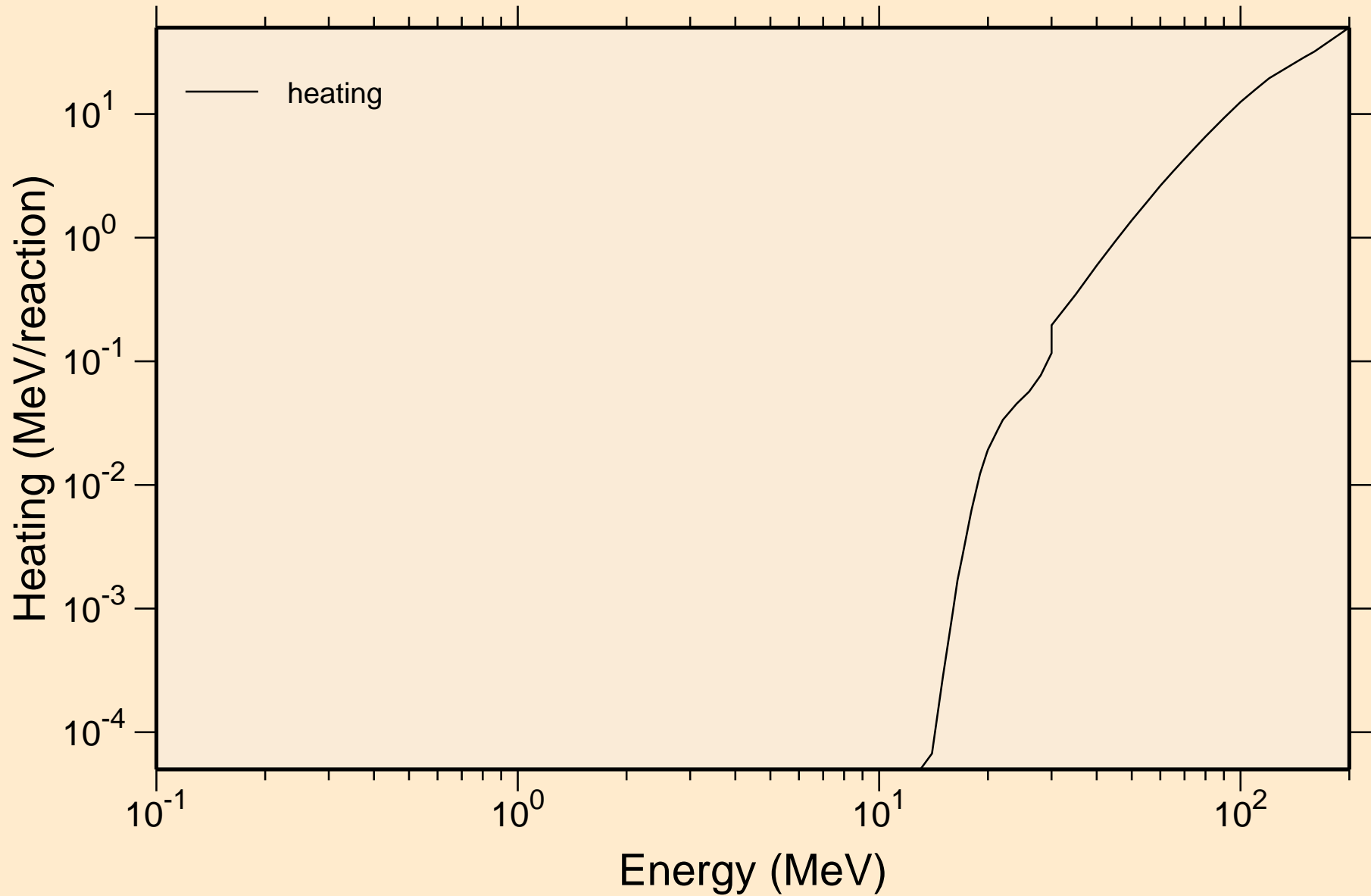


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

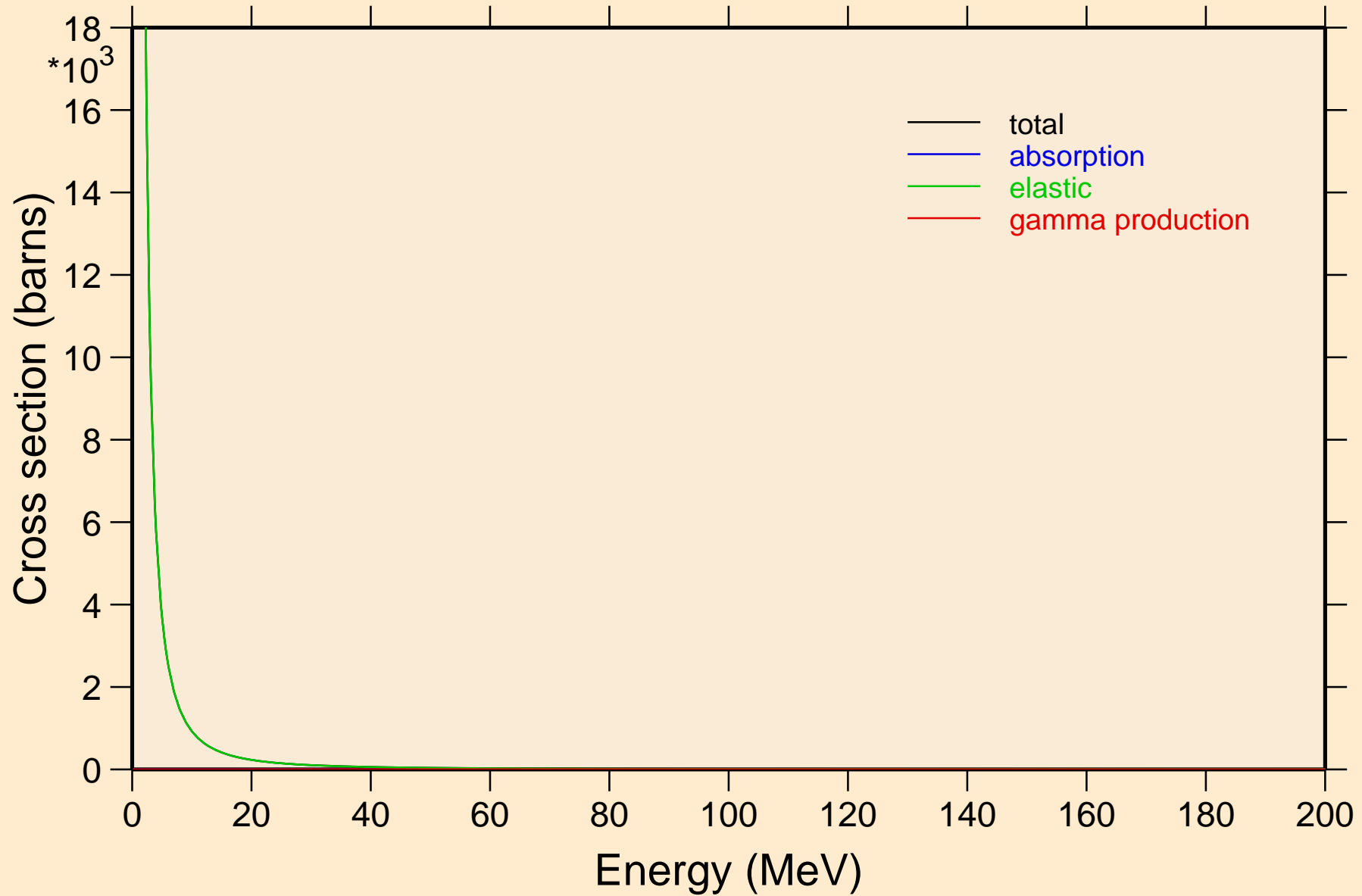


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



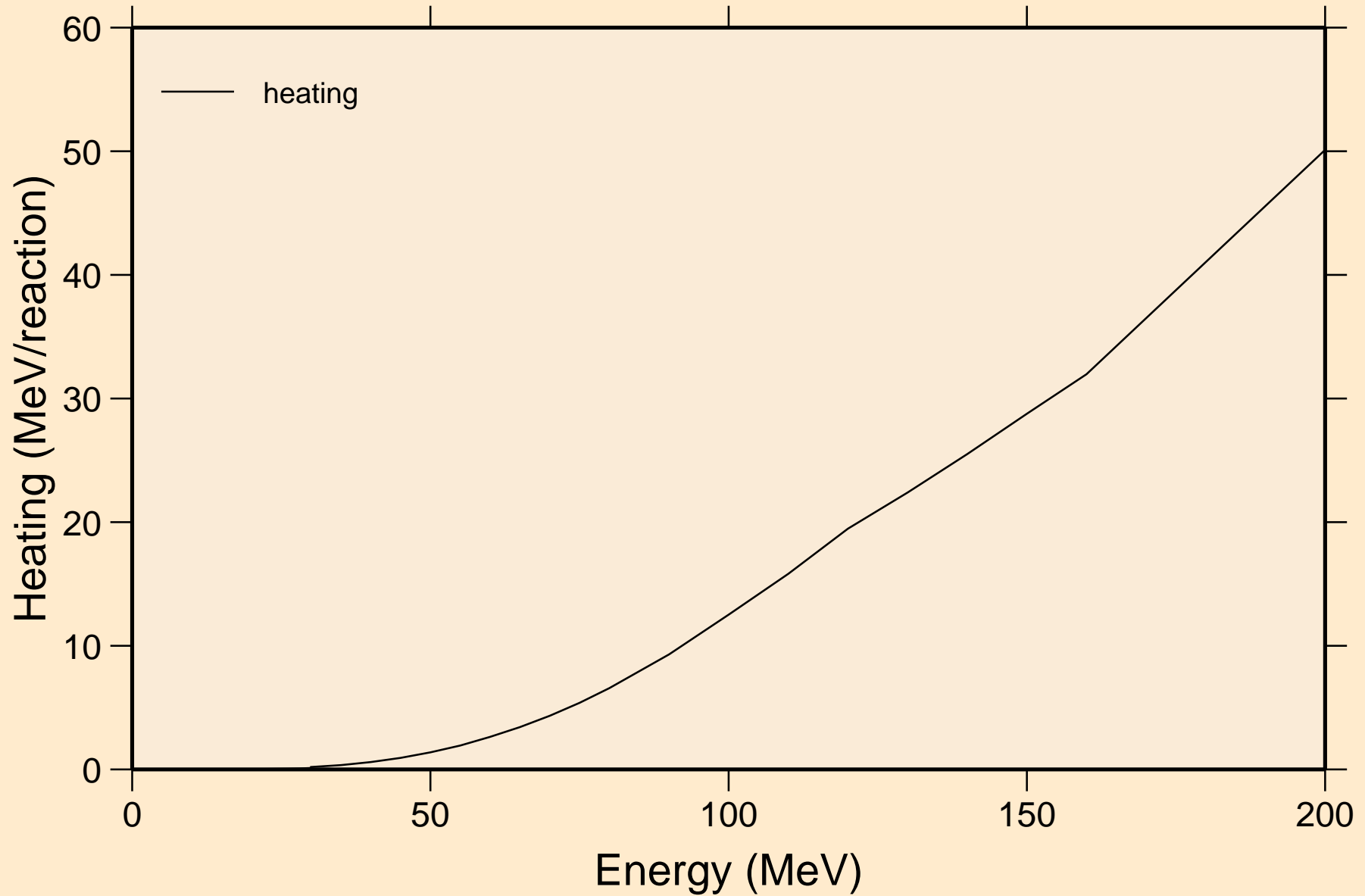
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## Principal cross sections



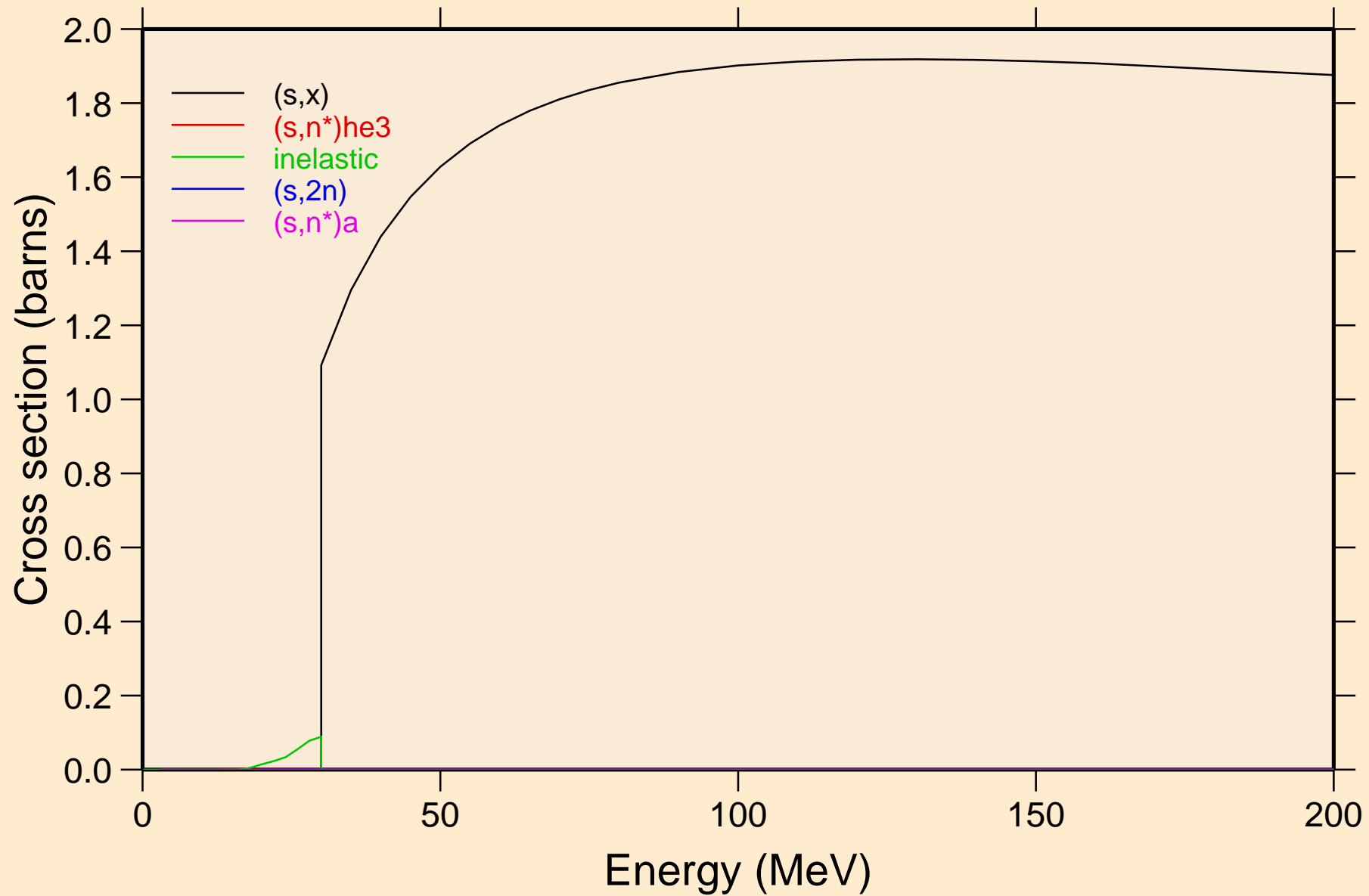
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## Heating



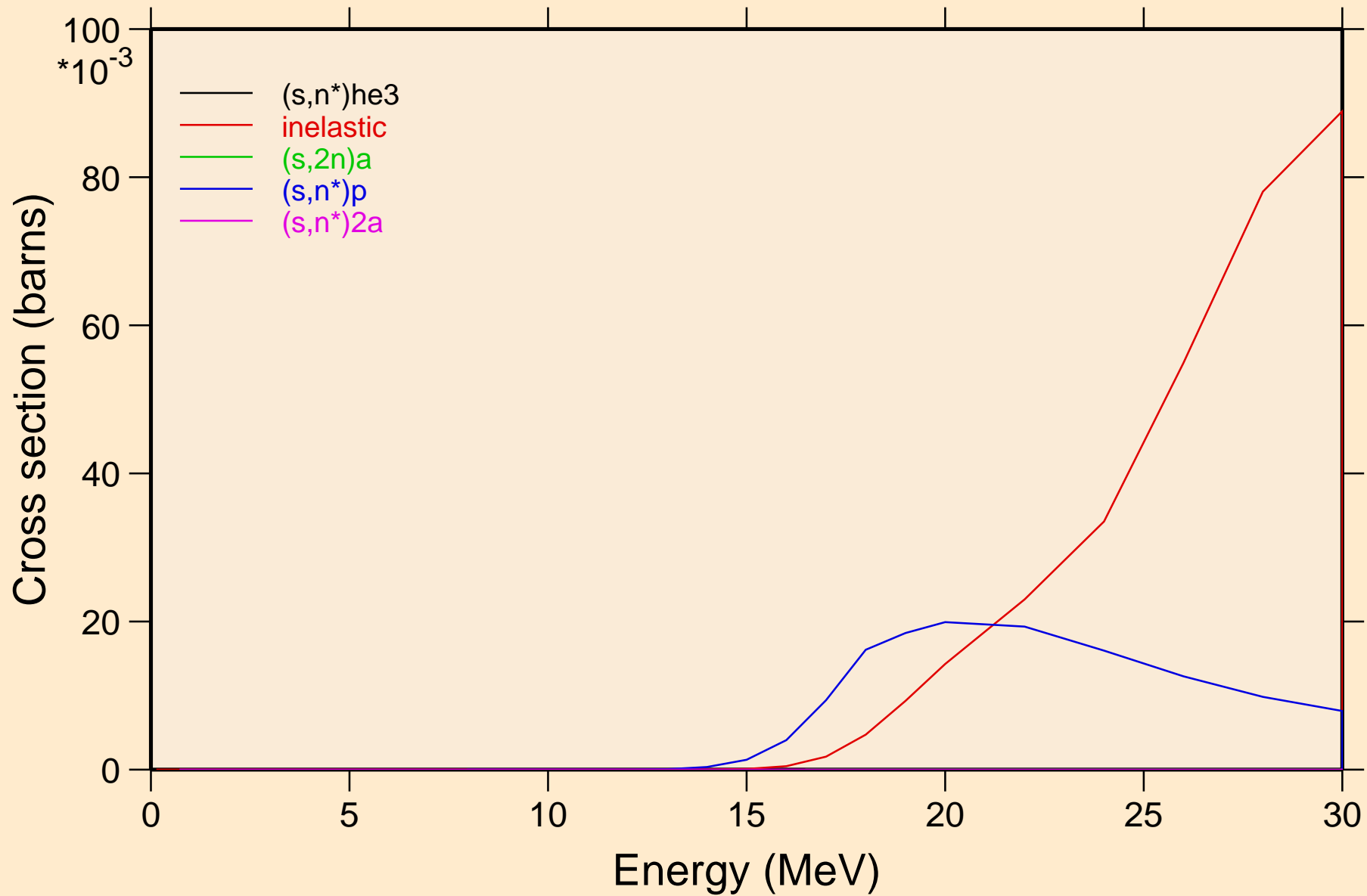
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## Threshold reactions

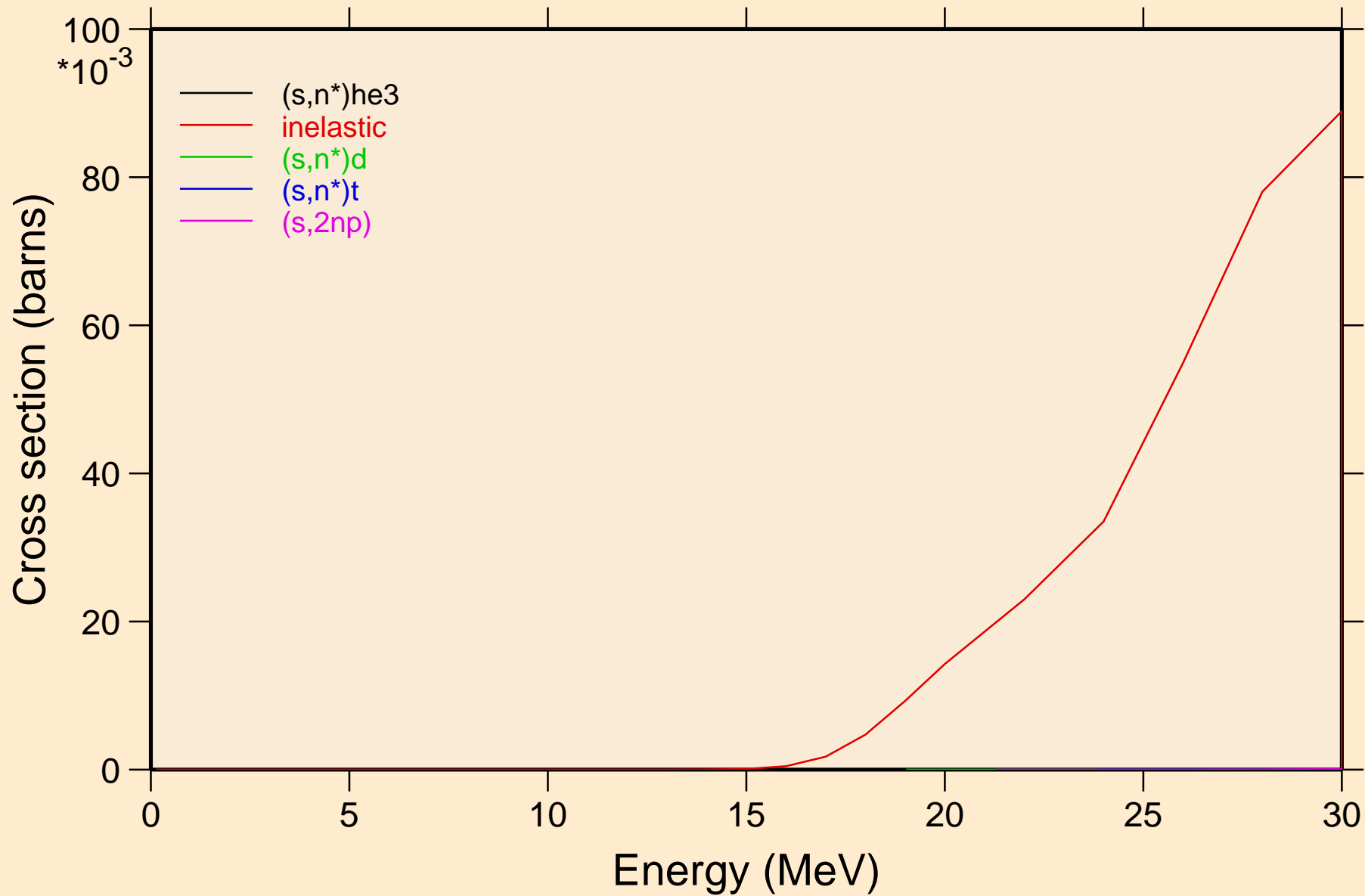


# ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K

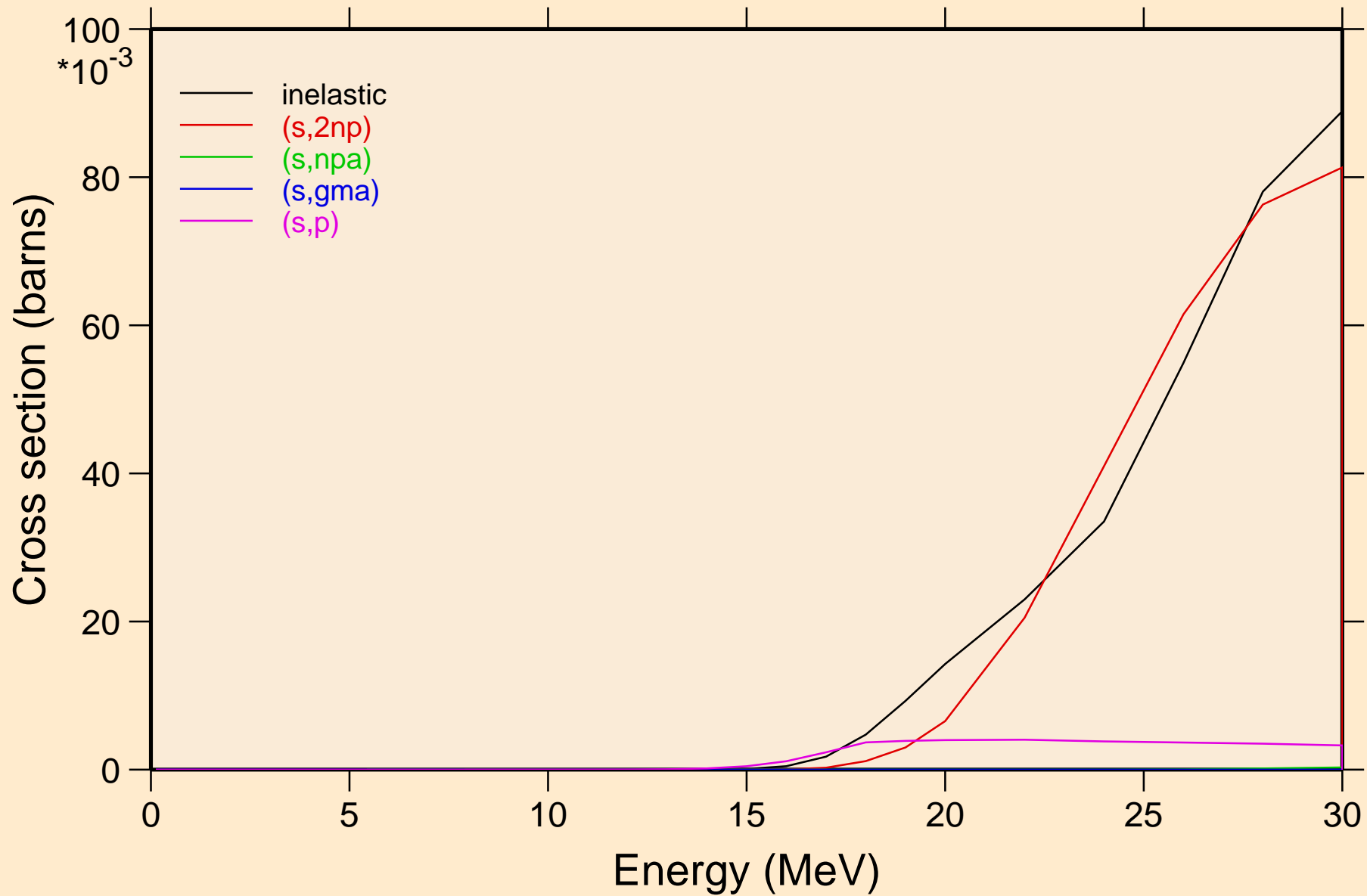
## Threshold reactions



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



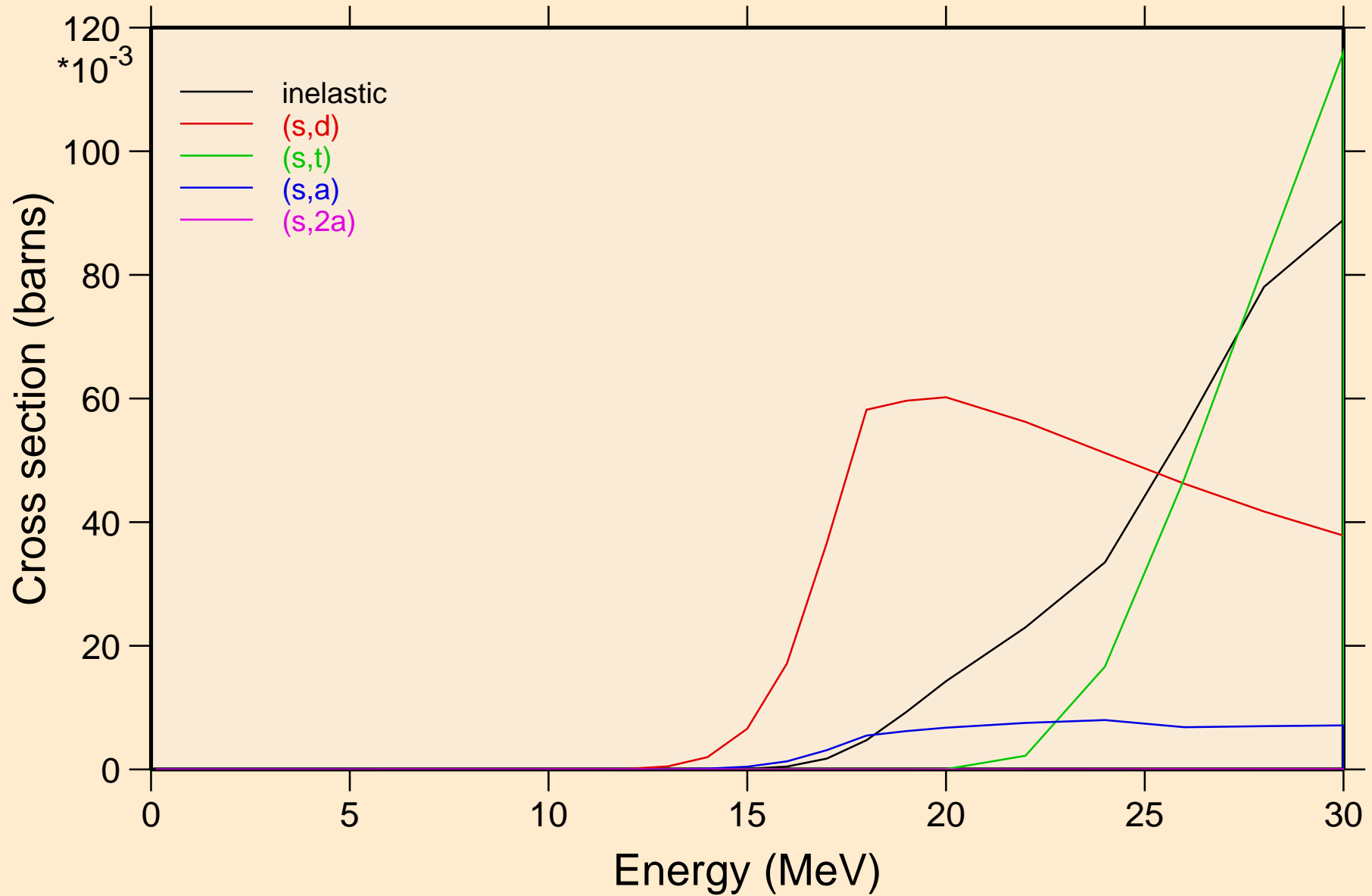
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions





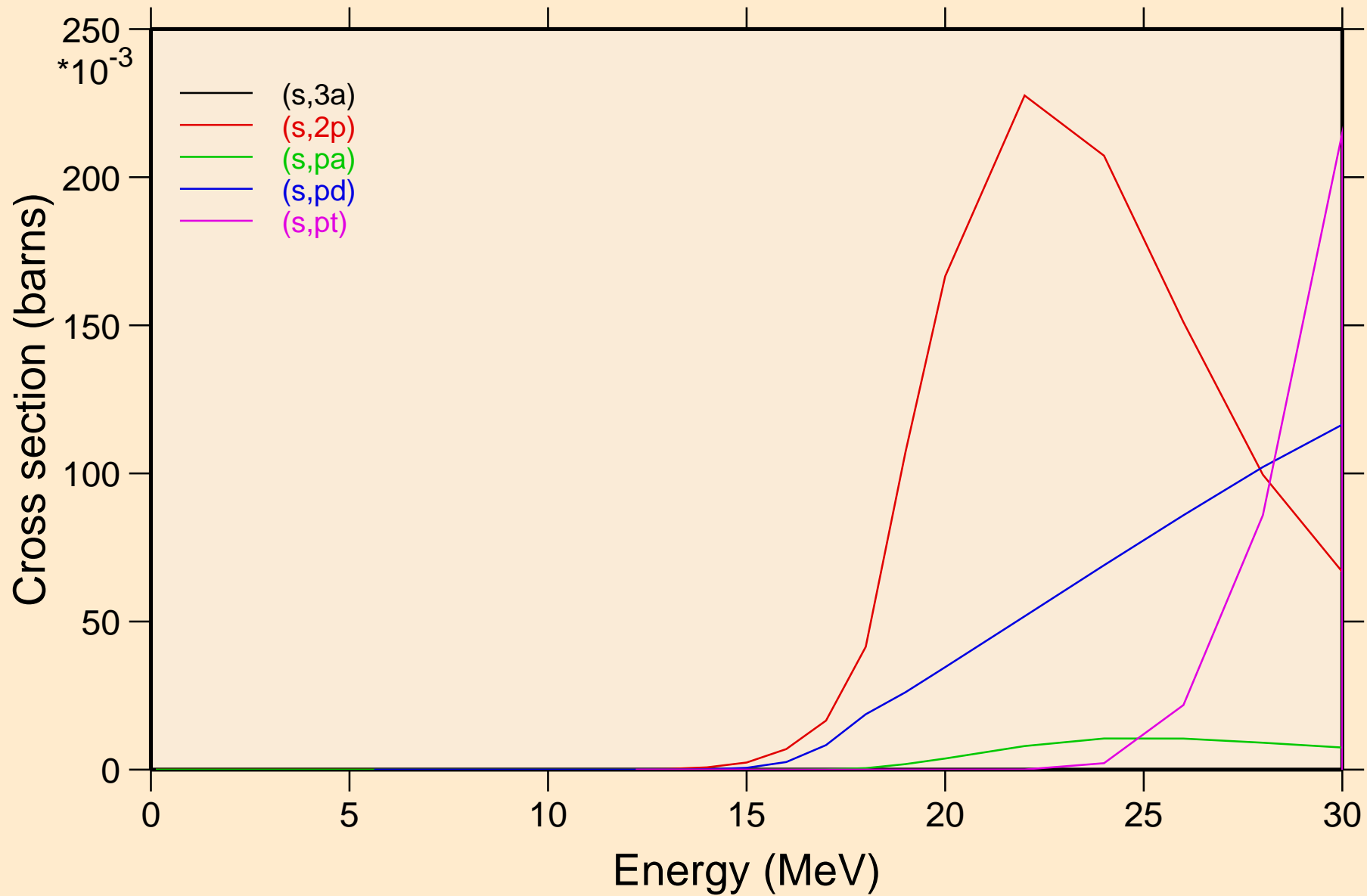
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## Threshold reactions

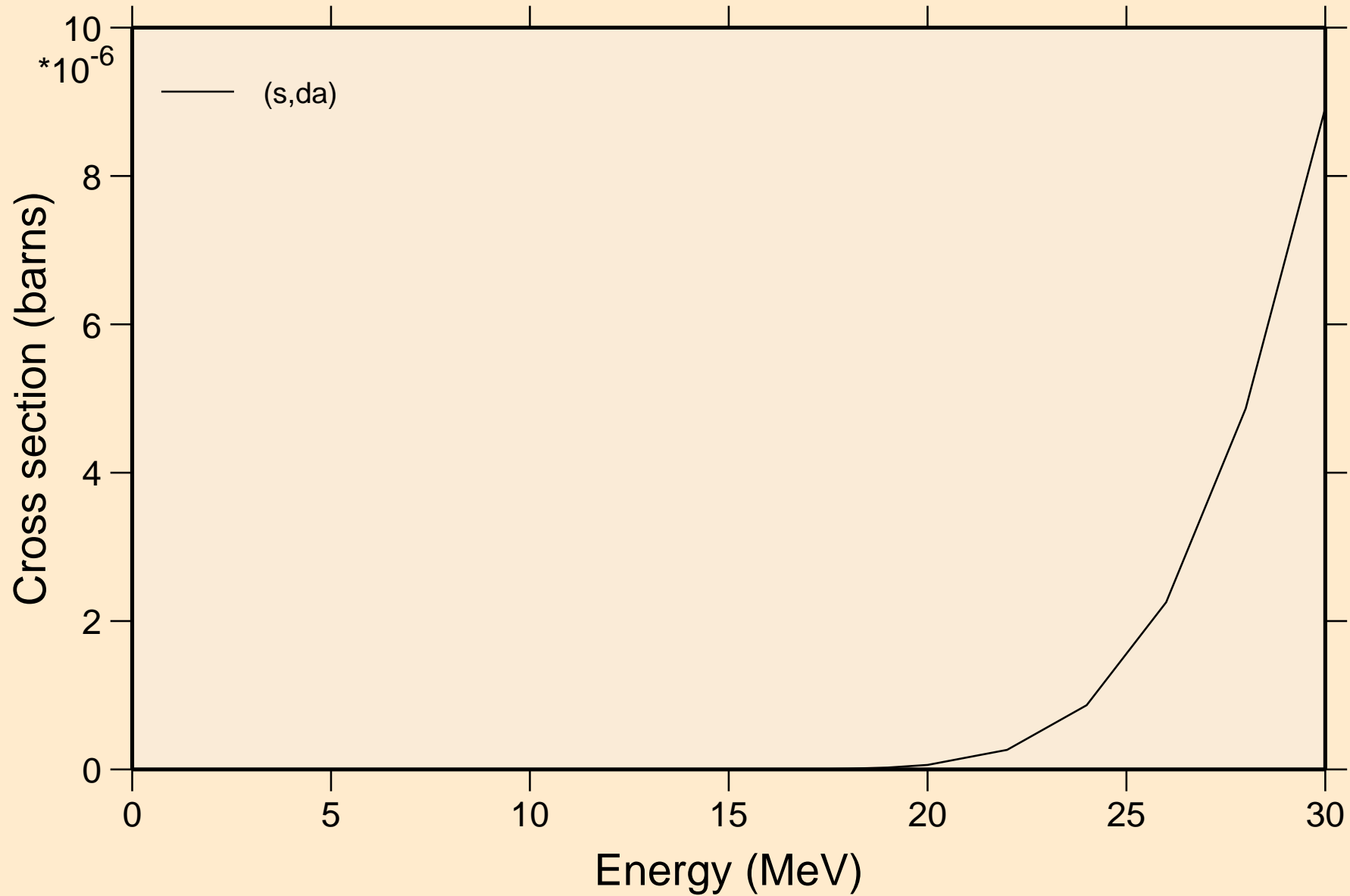


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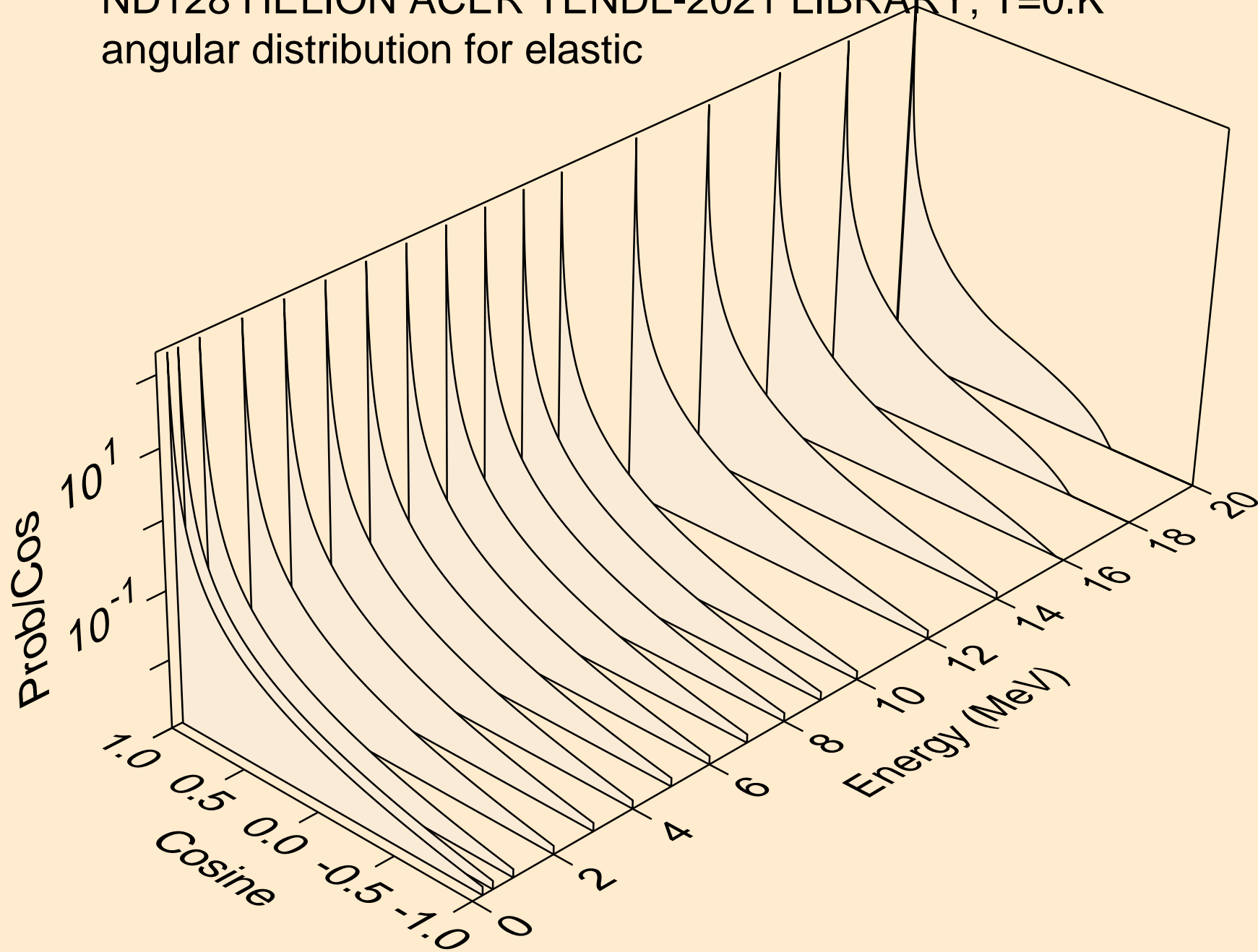
## Threshold reactions



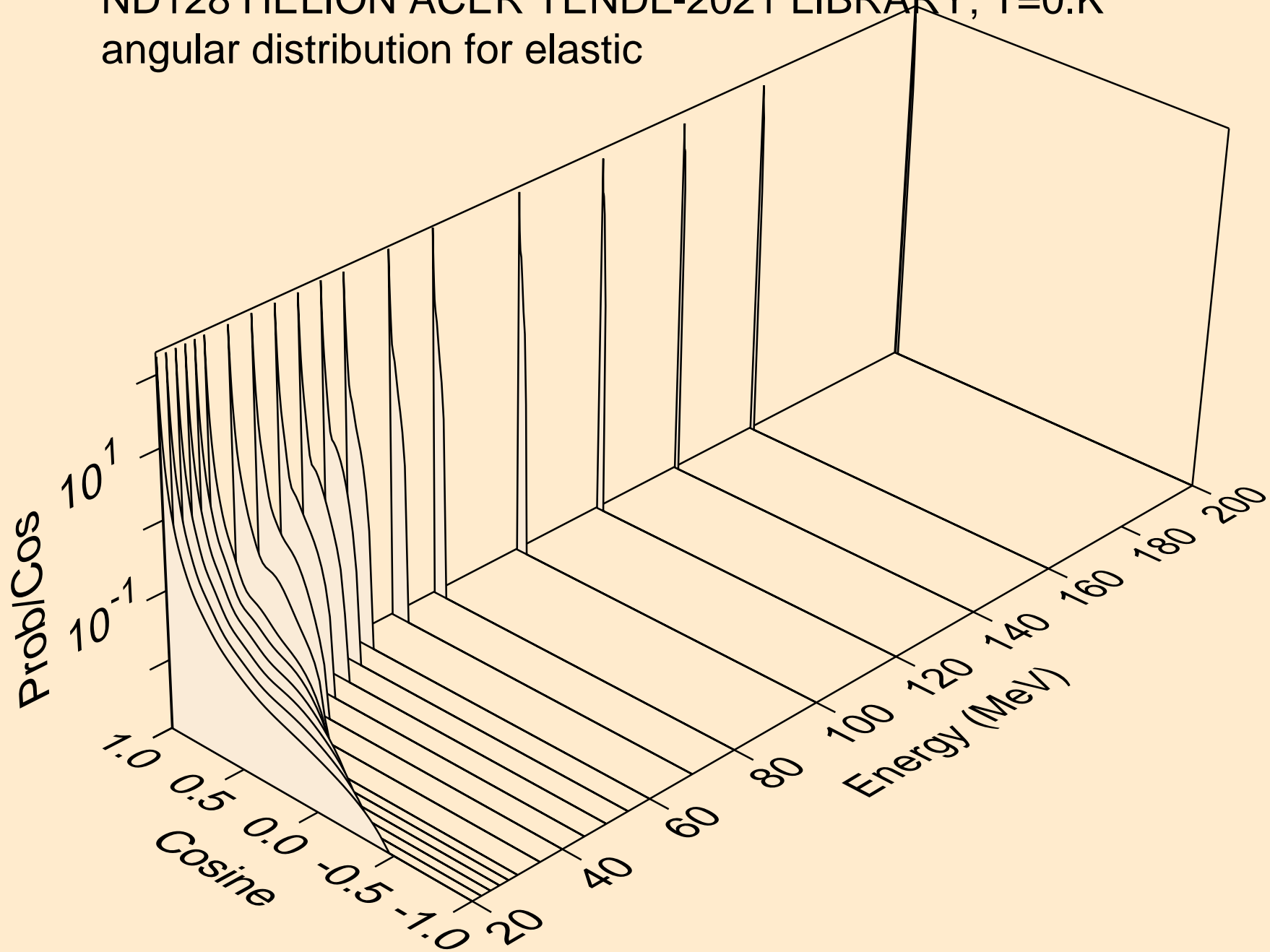
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



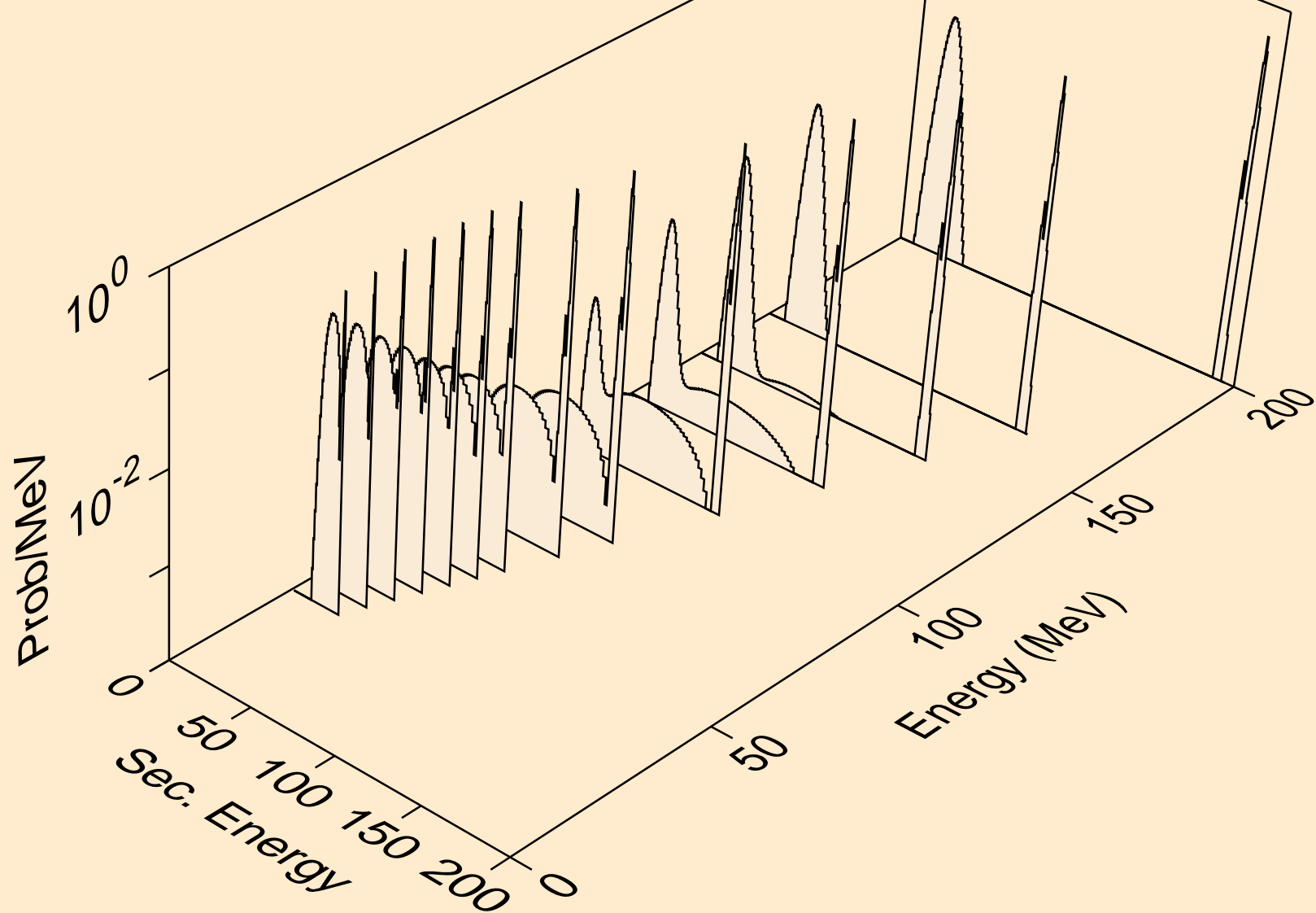
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



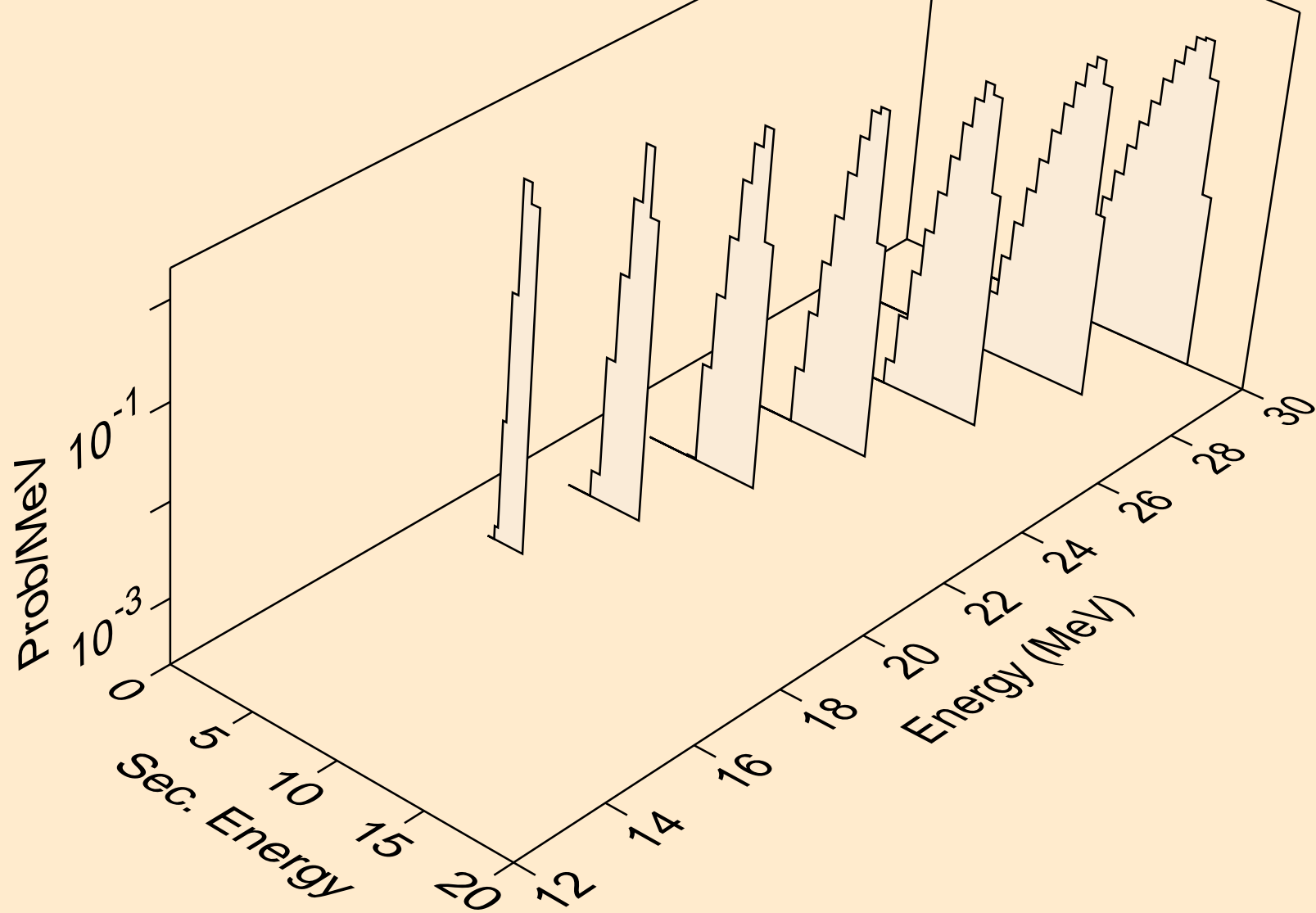
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



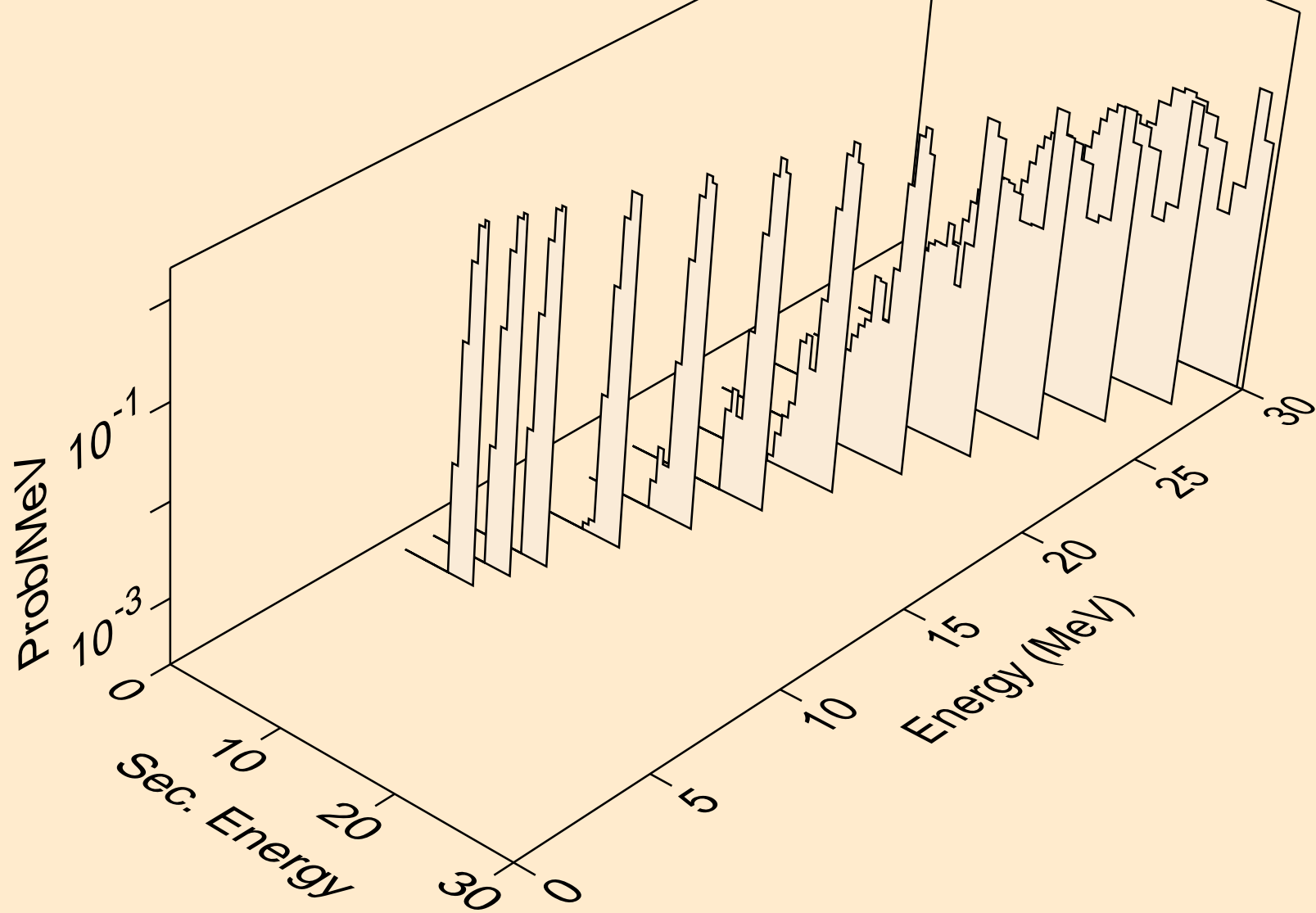
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

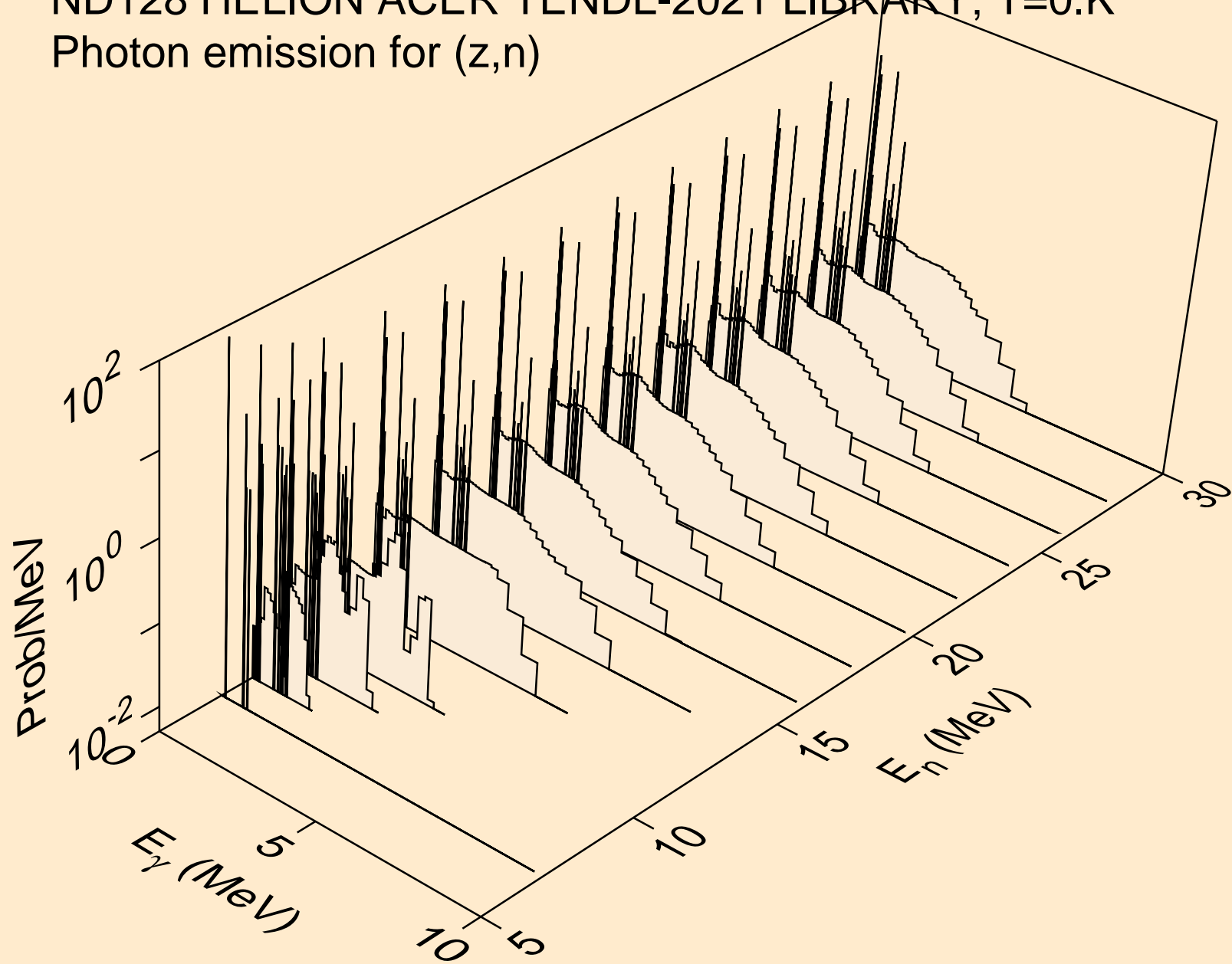


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

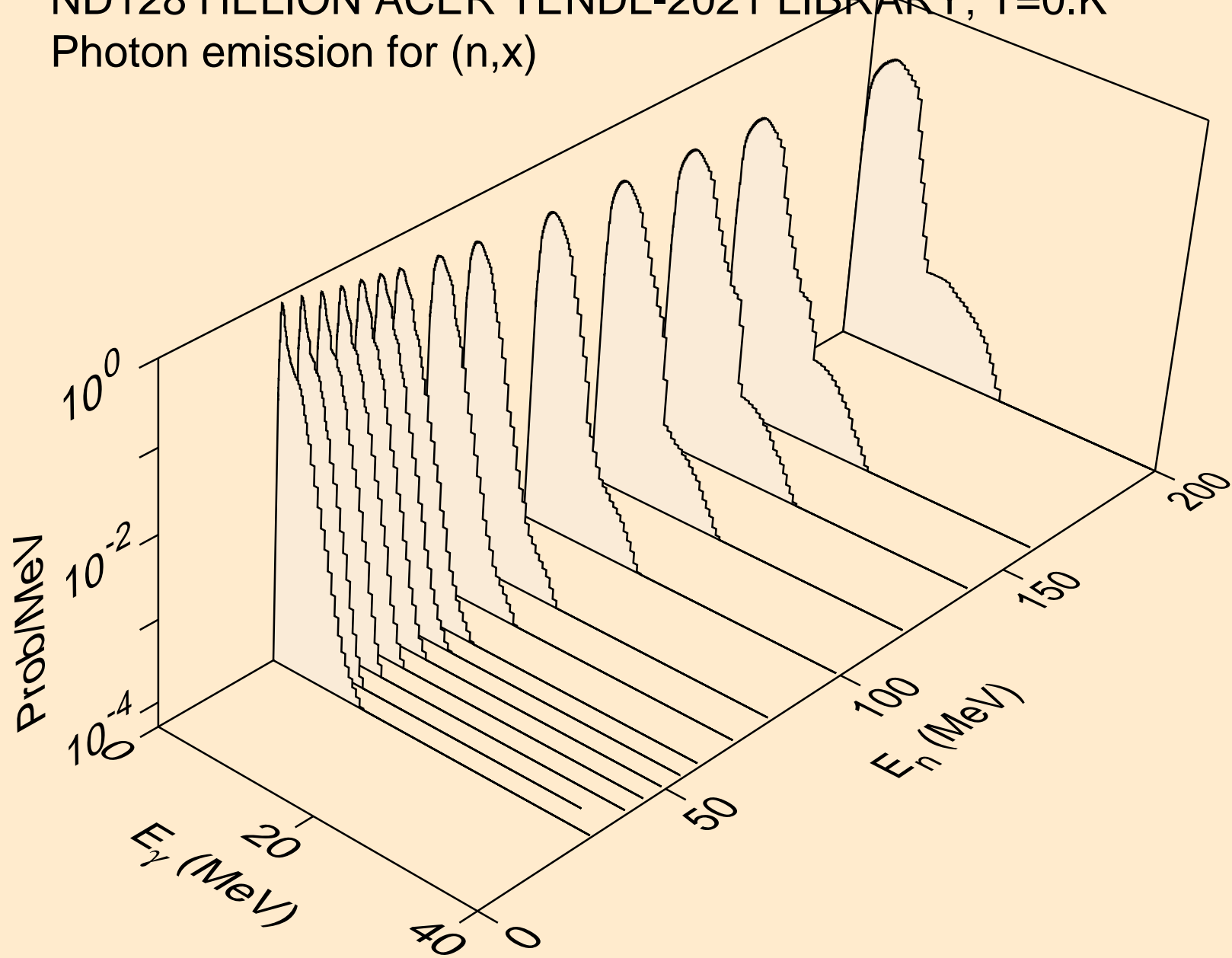




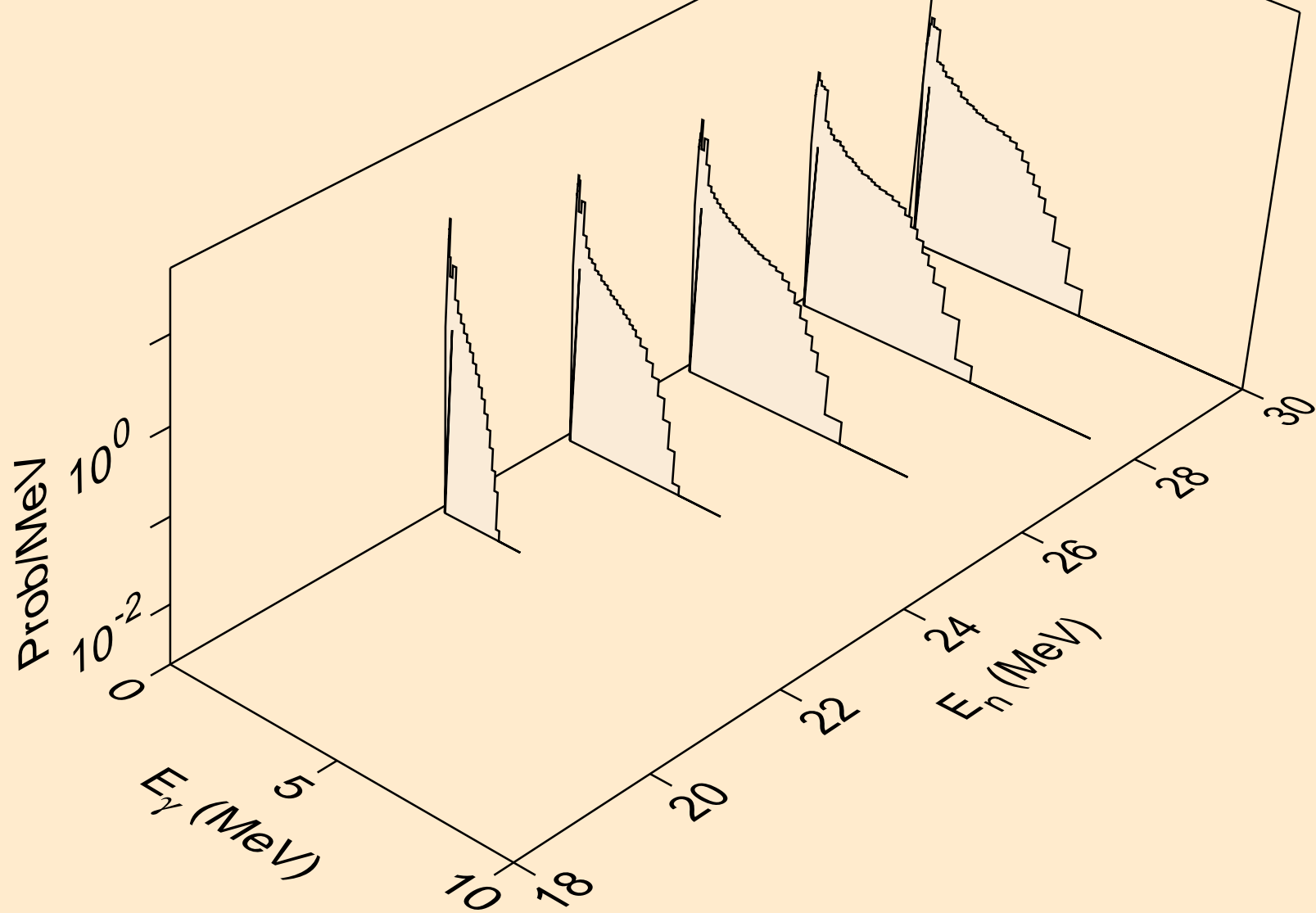
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



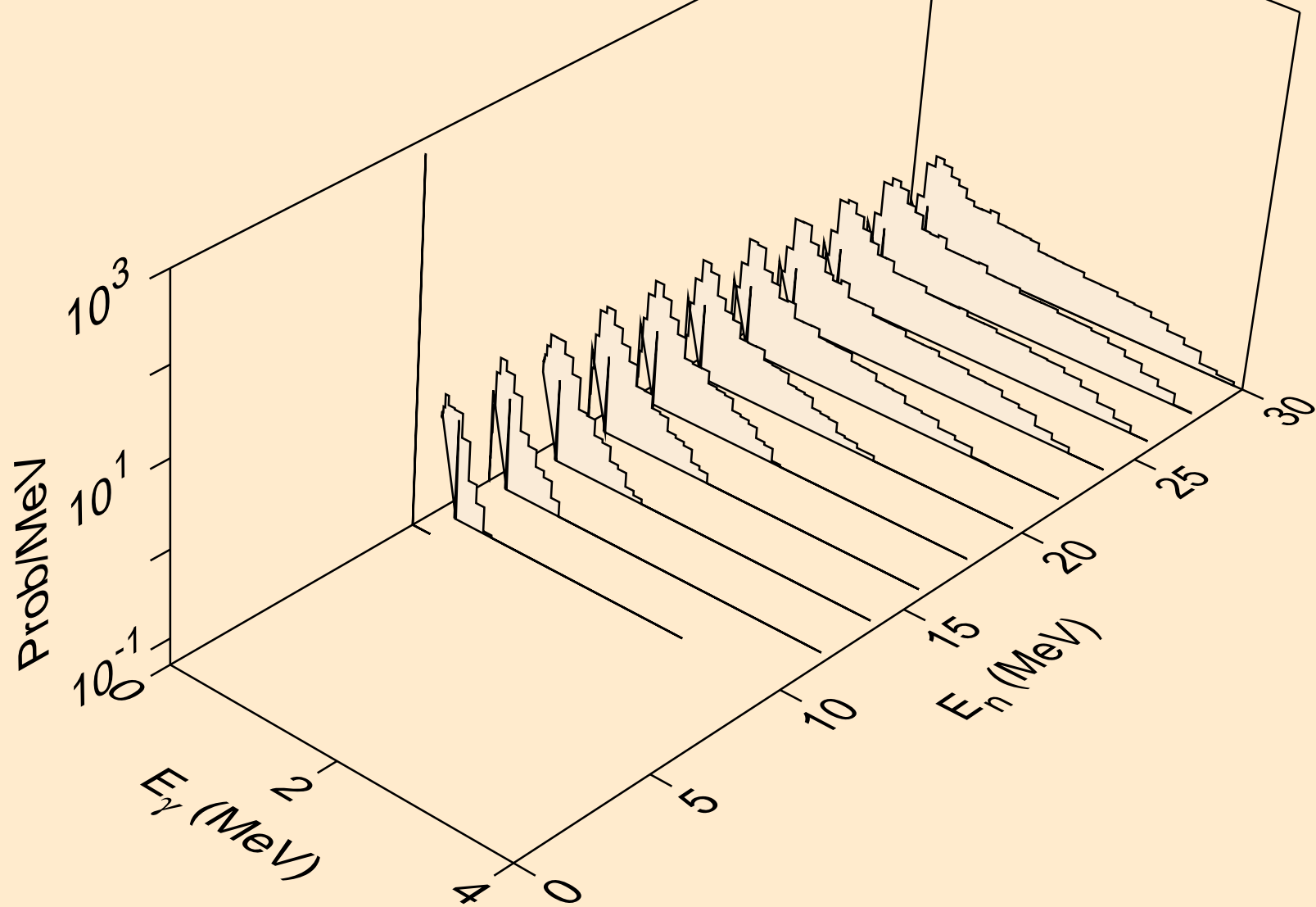
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



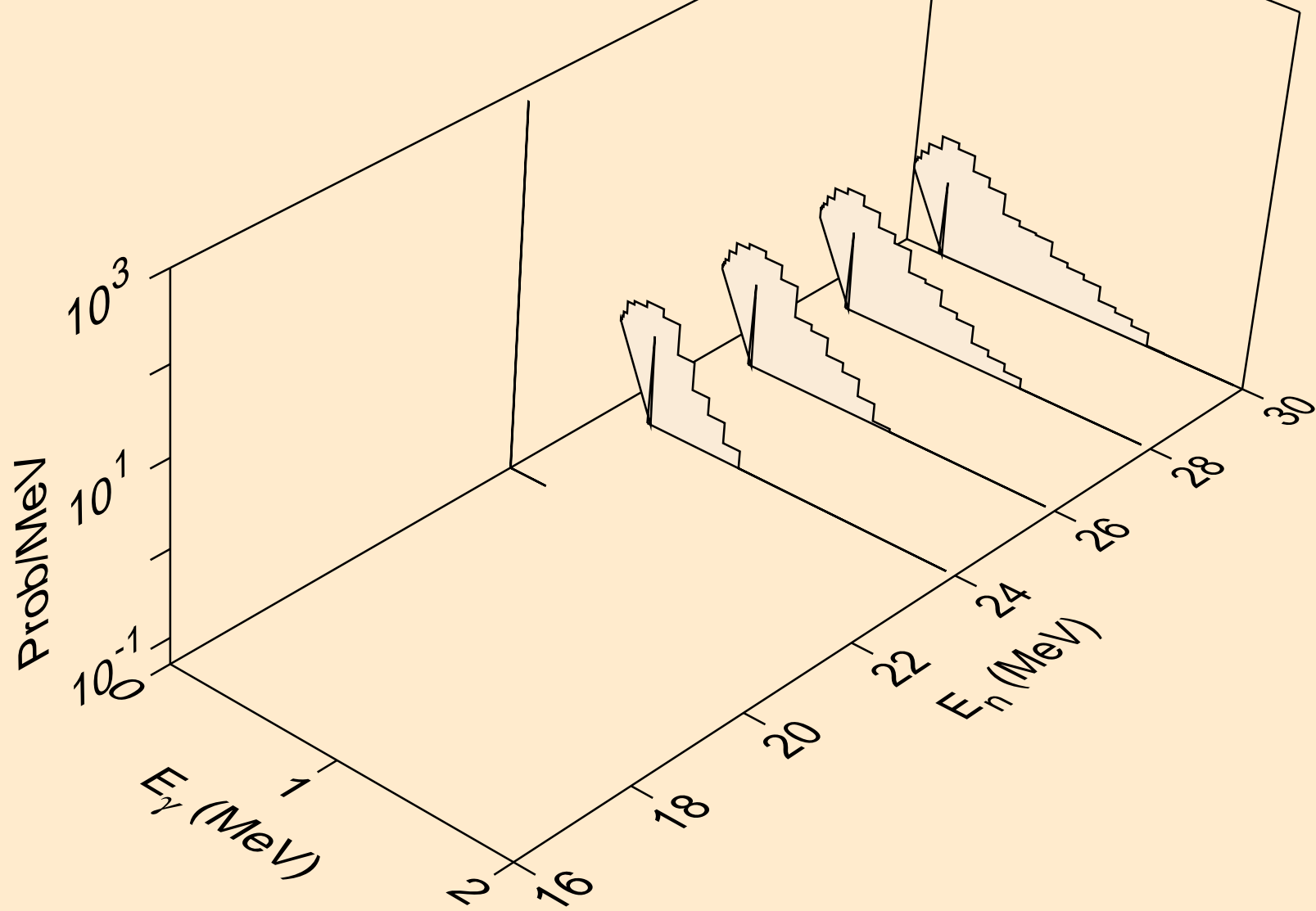
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



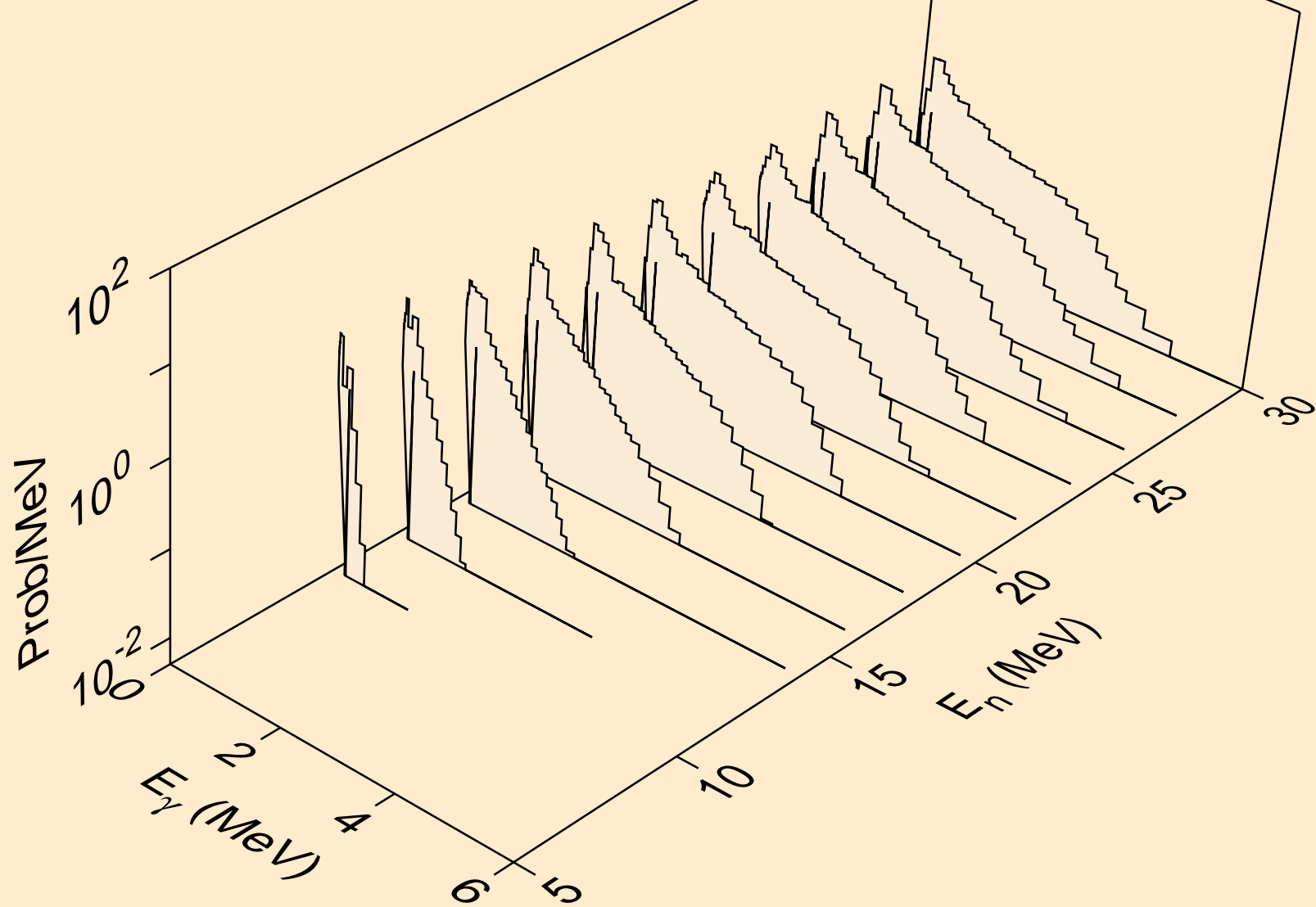
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



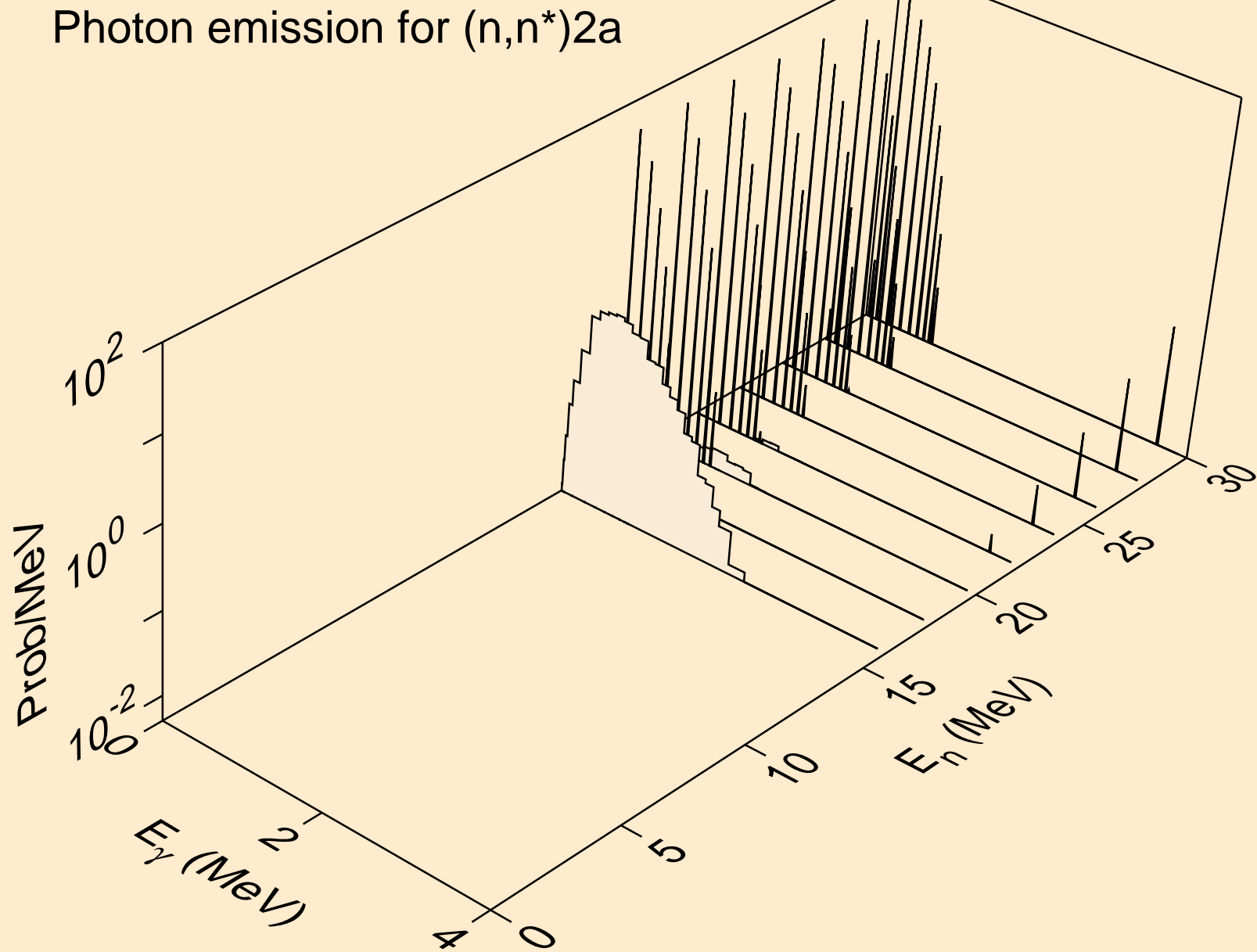
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



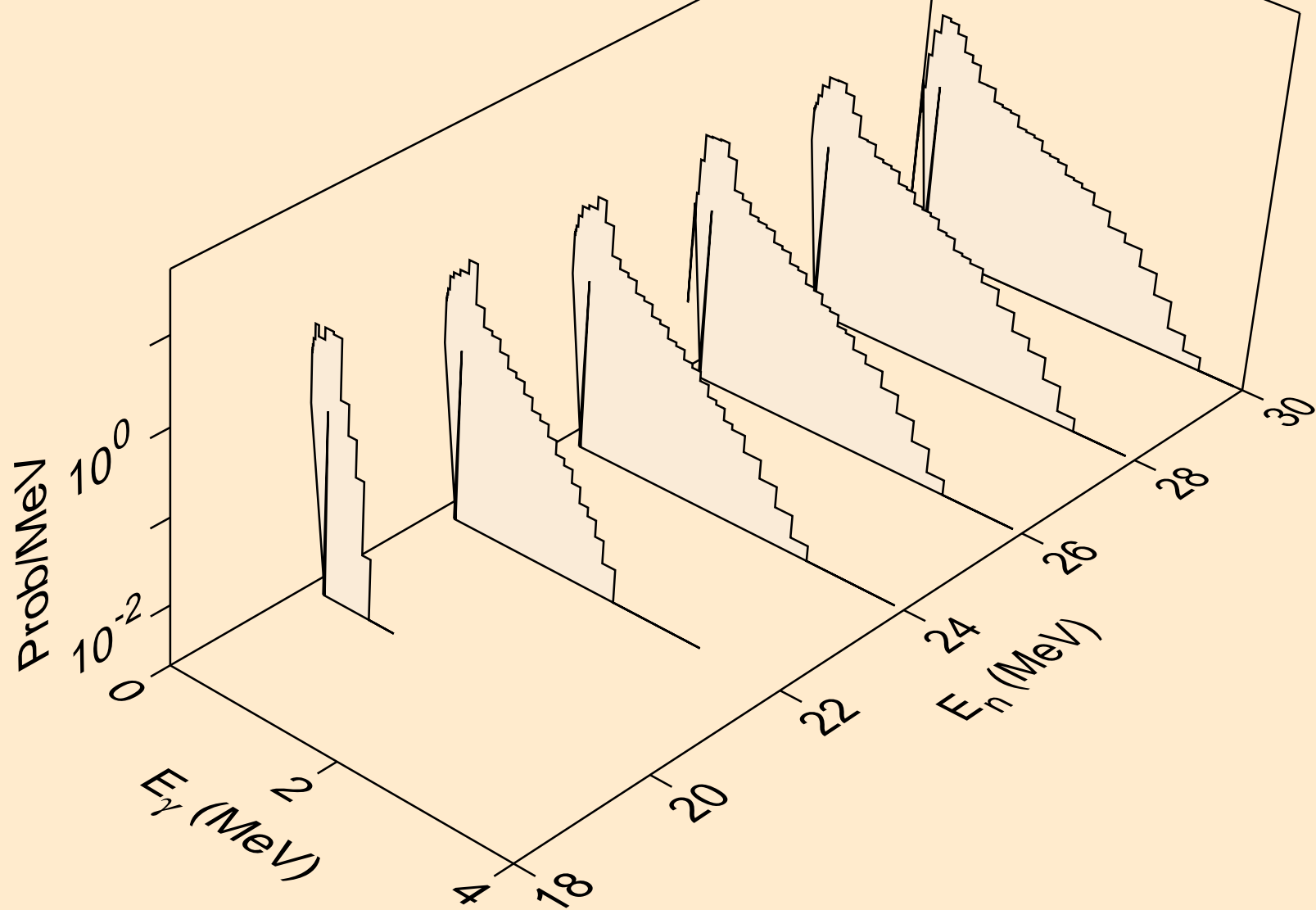
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

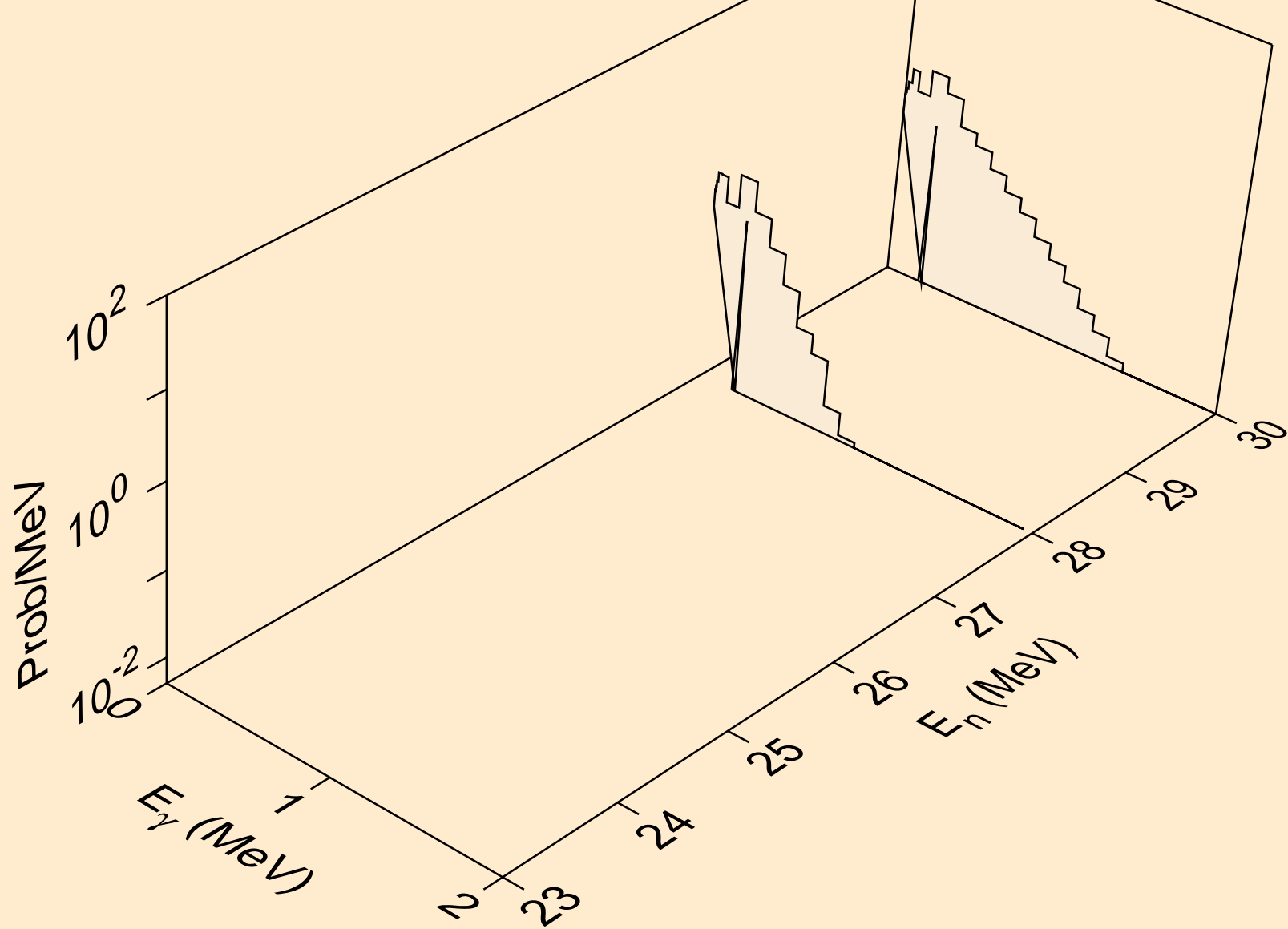


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

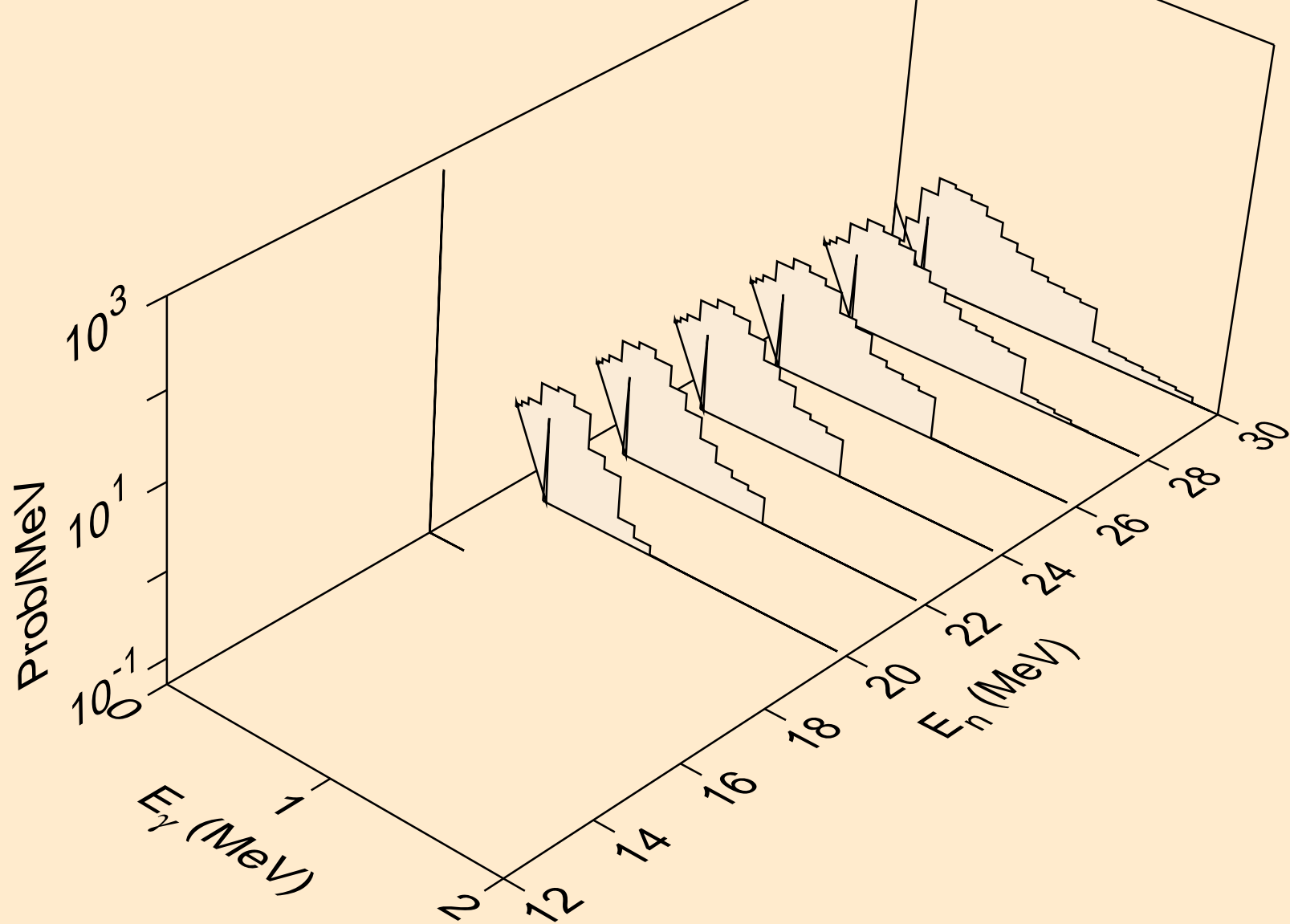




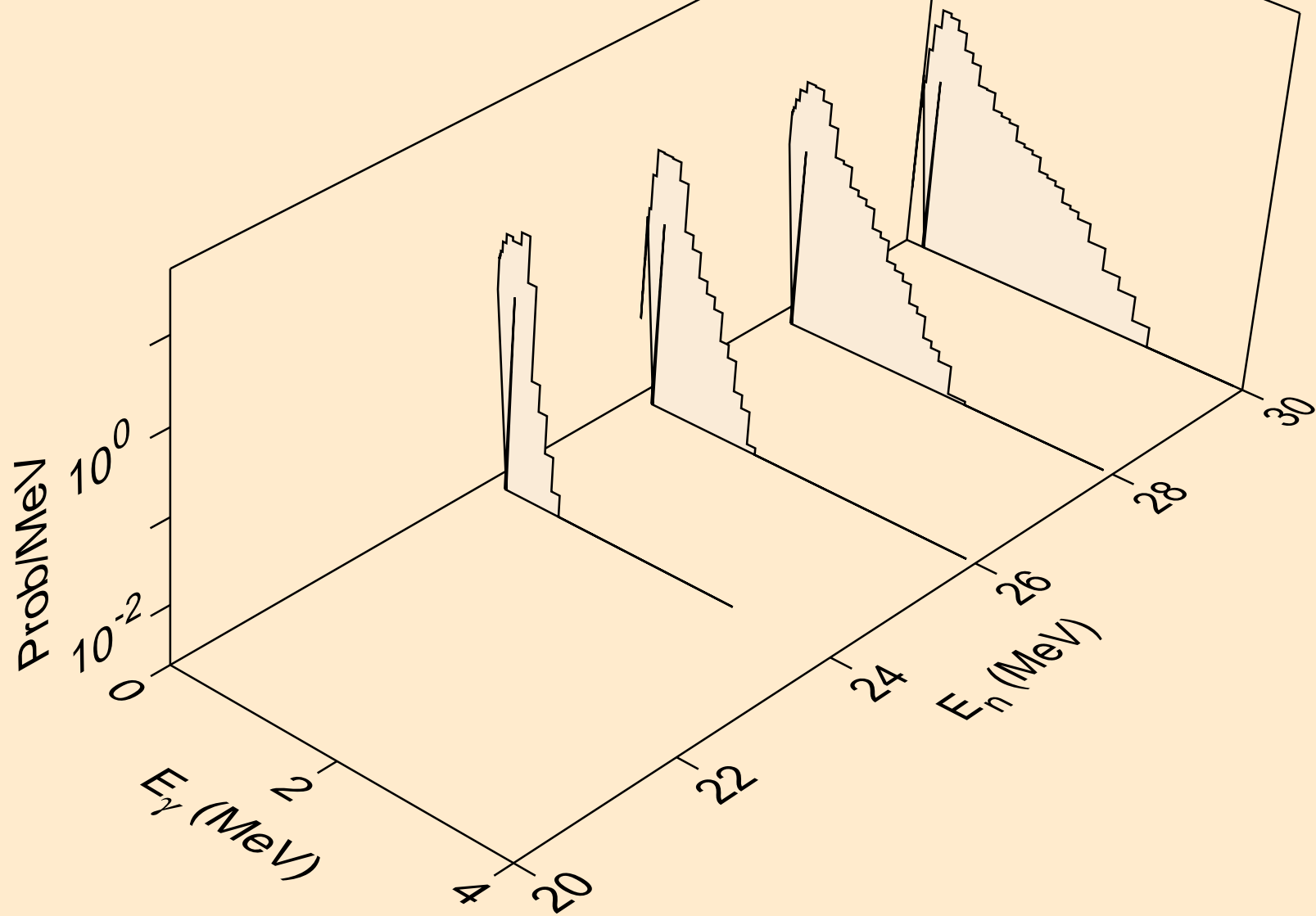
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



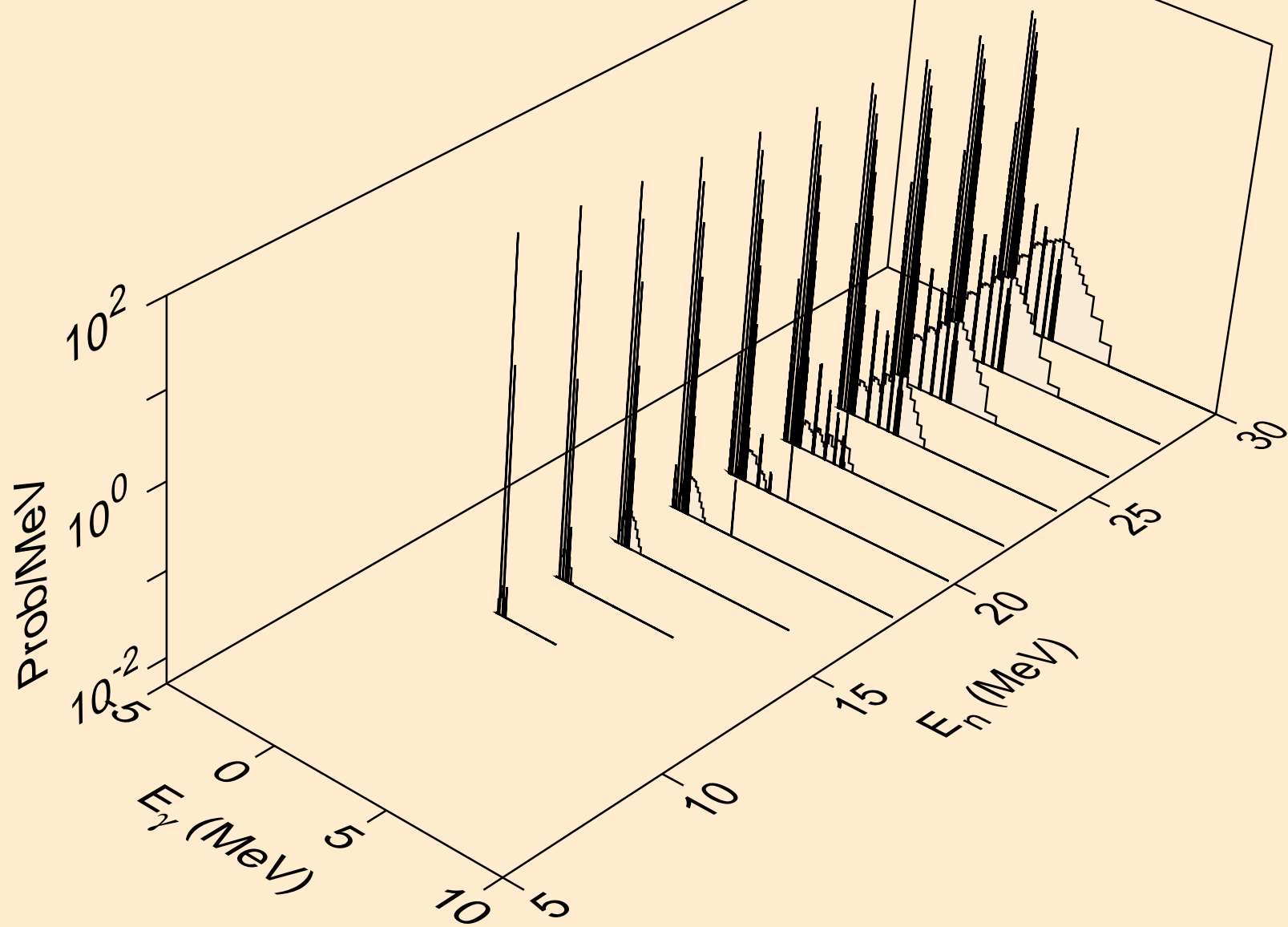
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



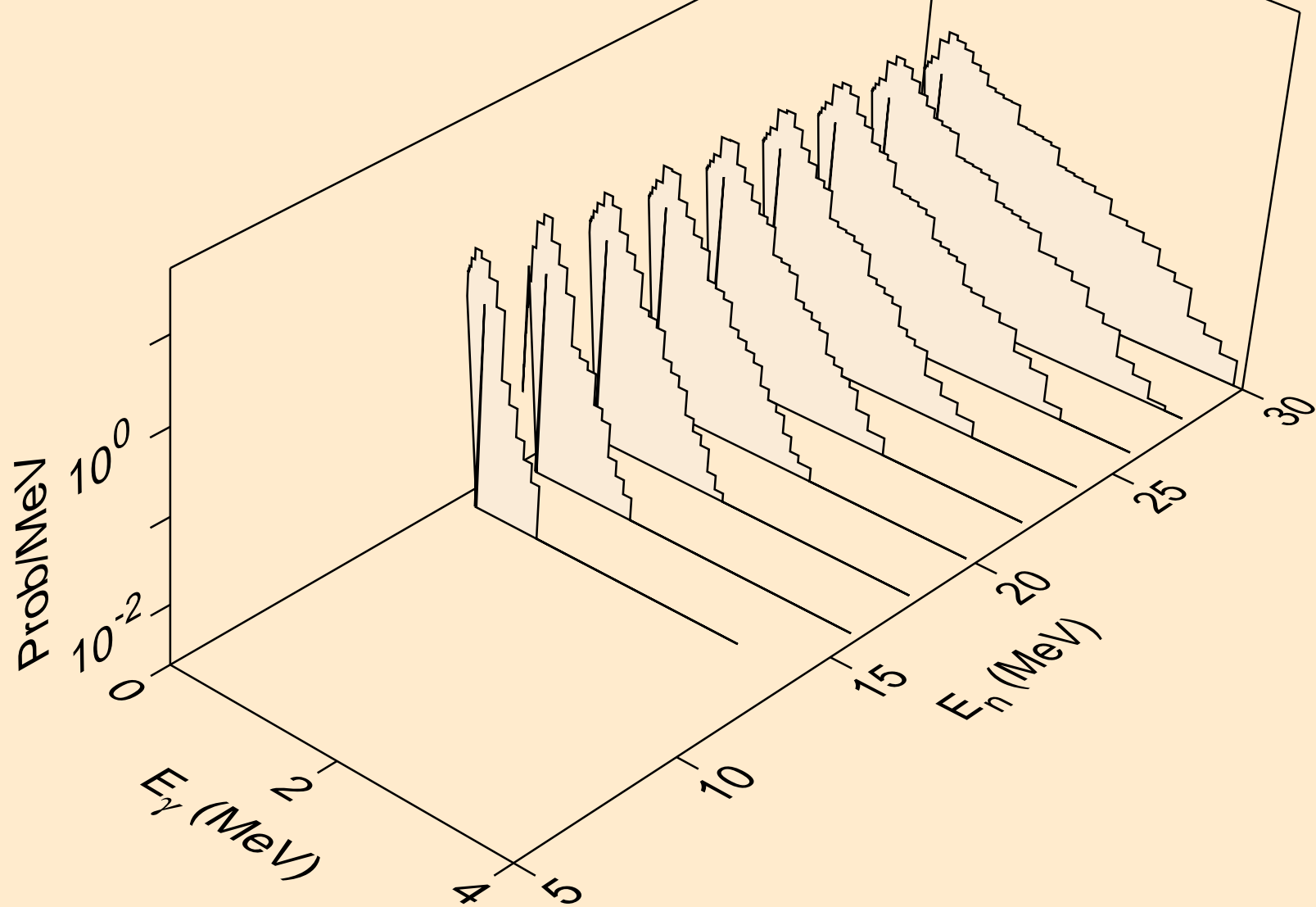
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



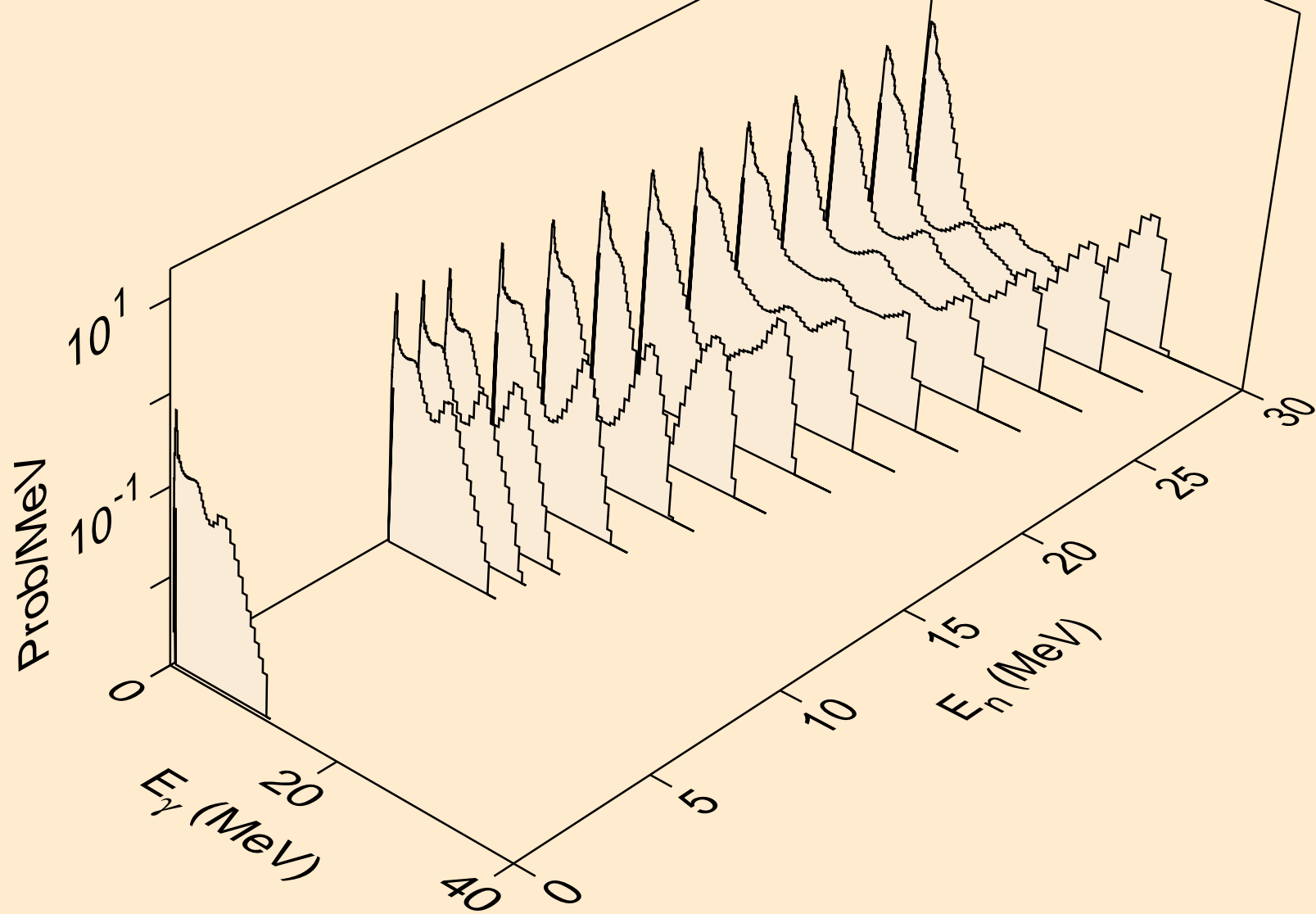
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



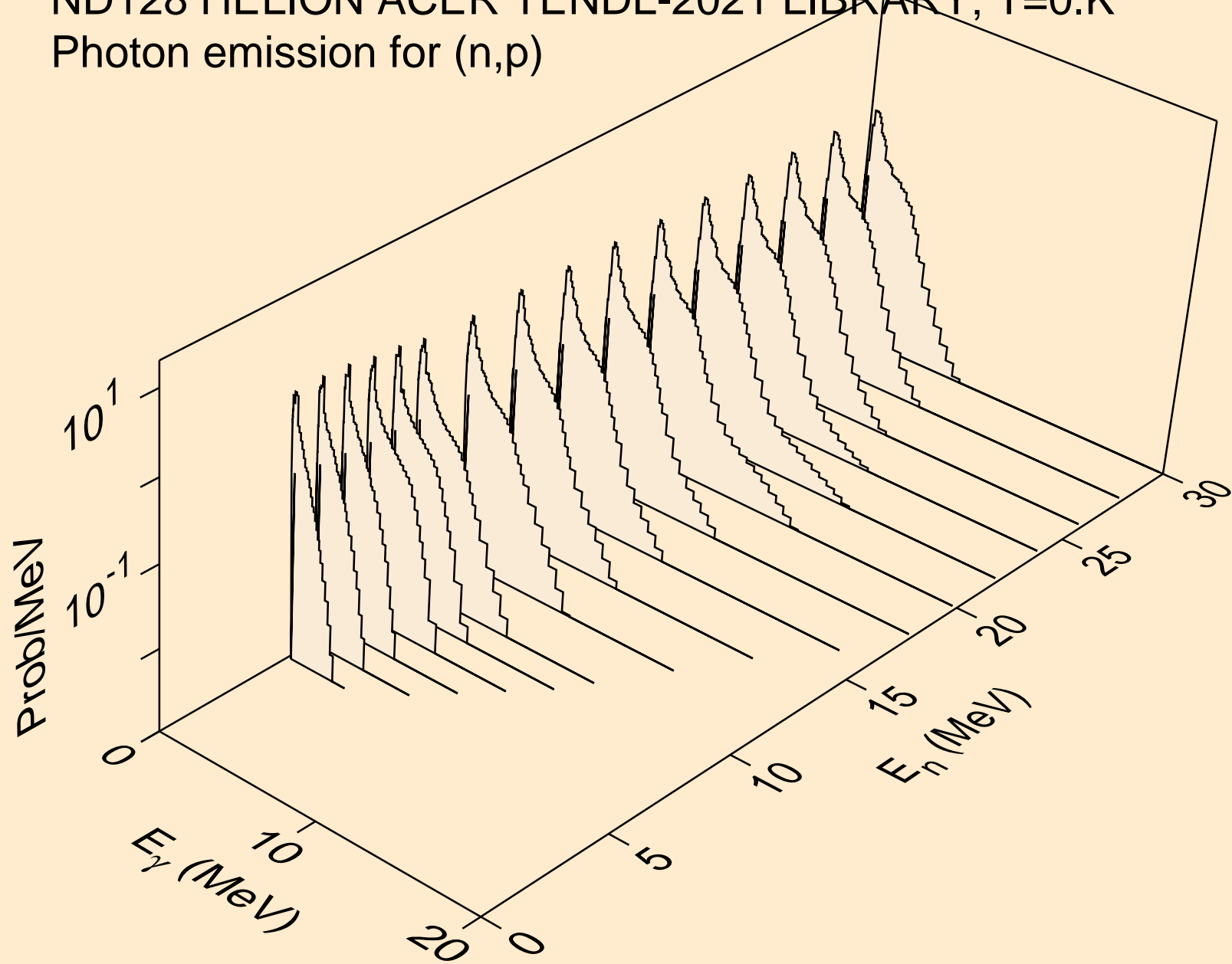
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Photon emission for (n,npa)



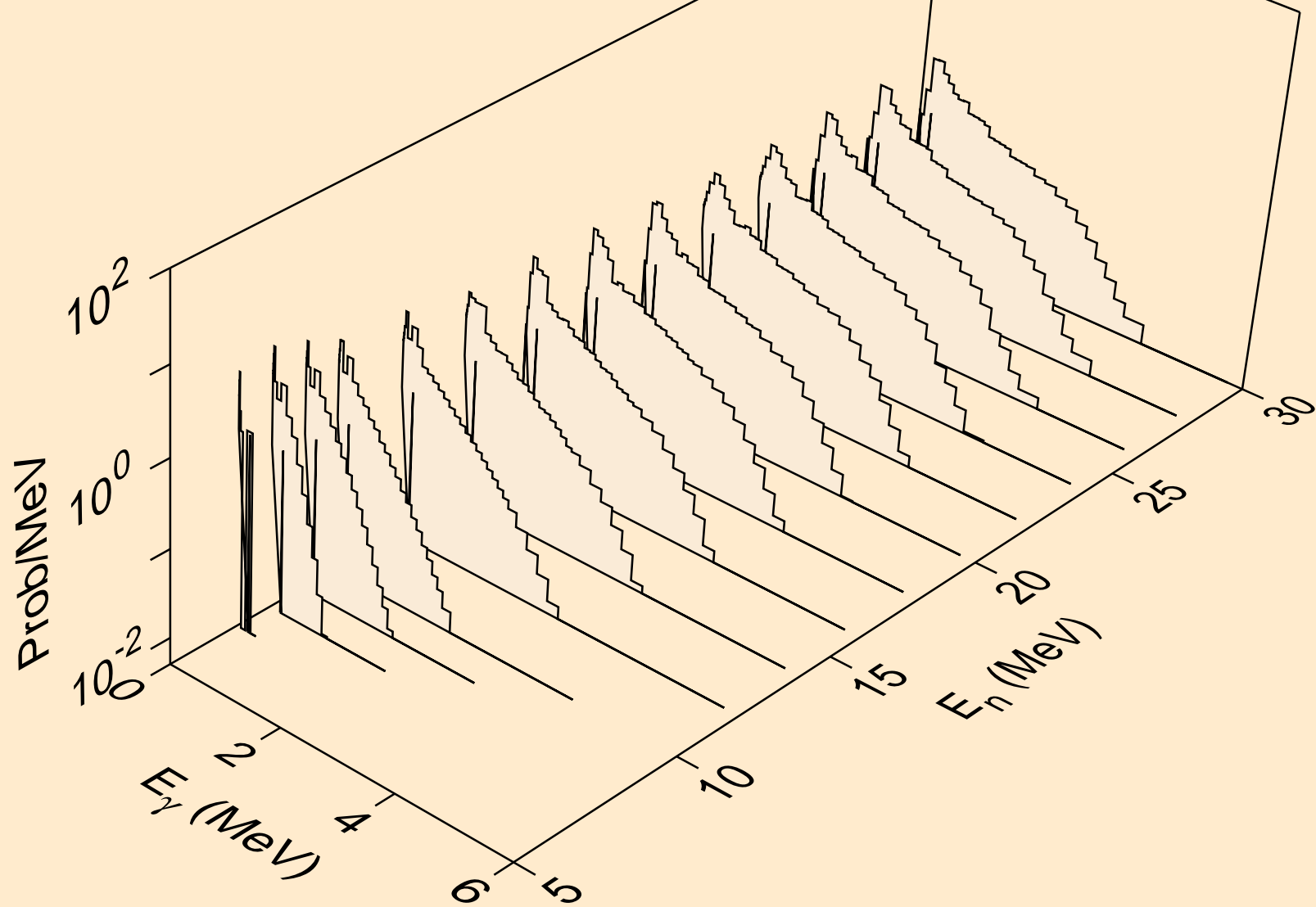
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

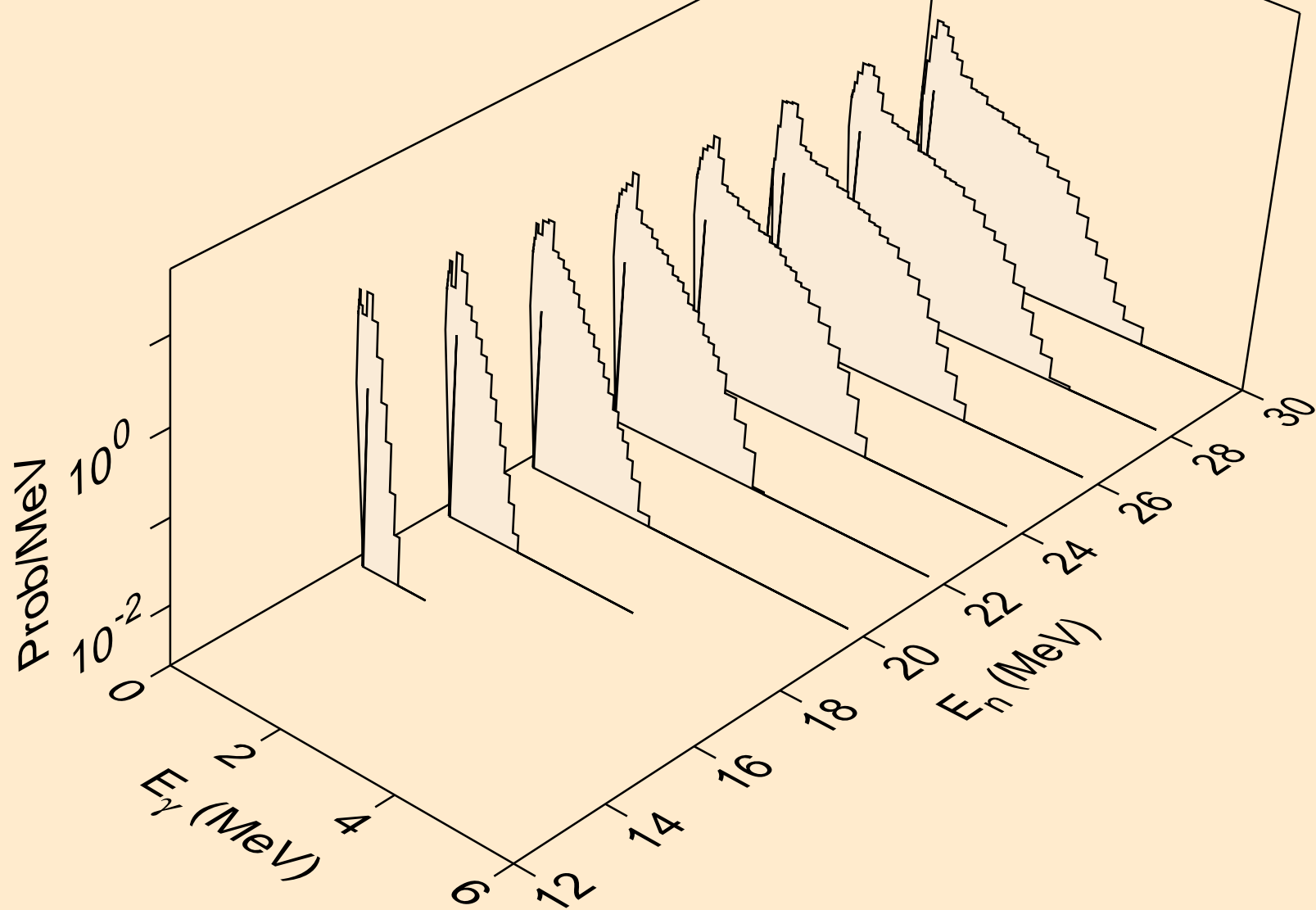


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

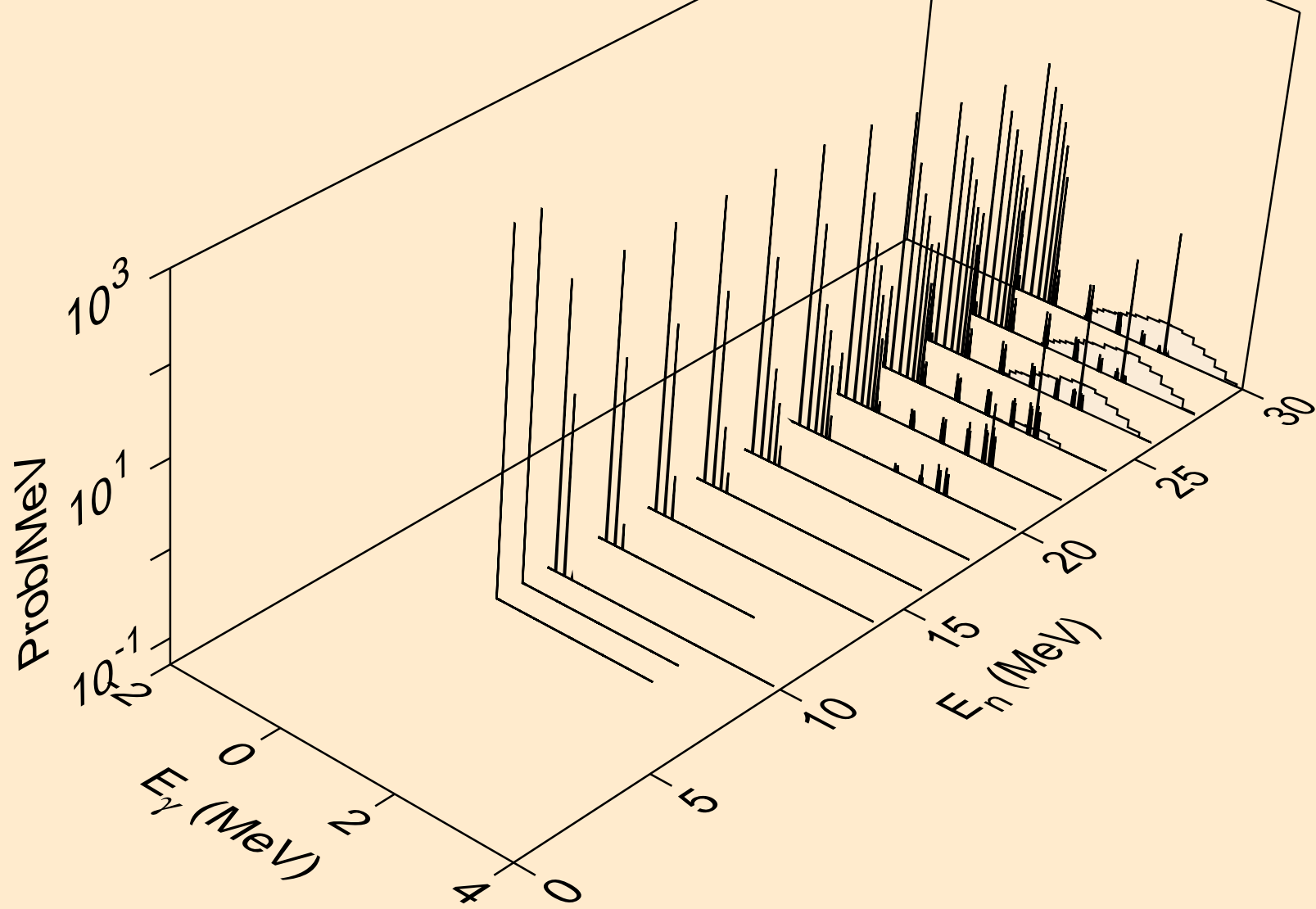




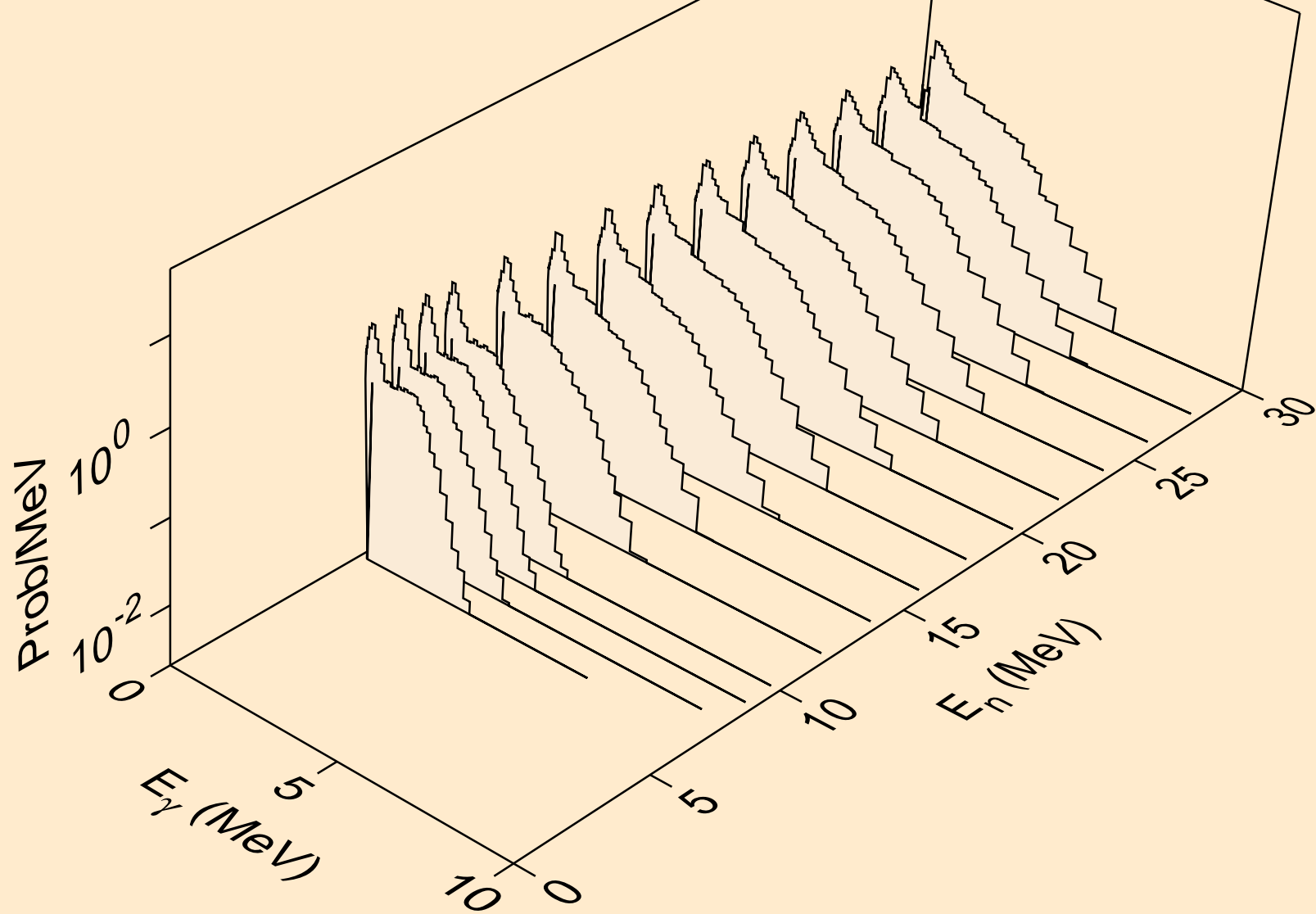
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



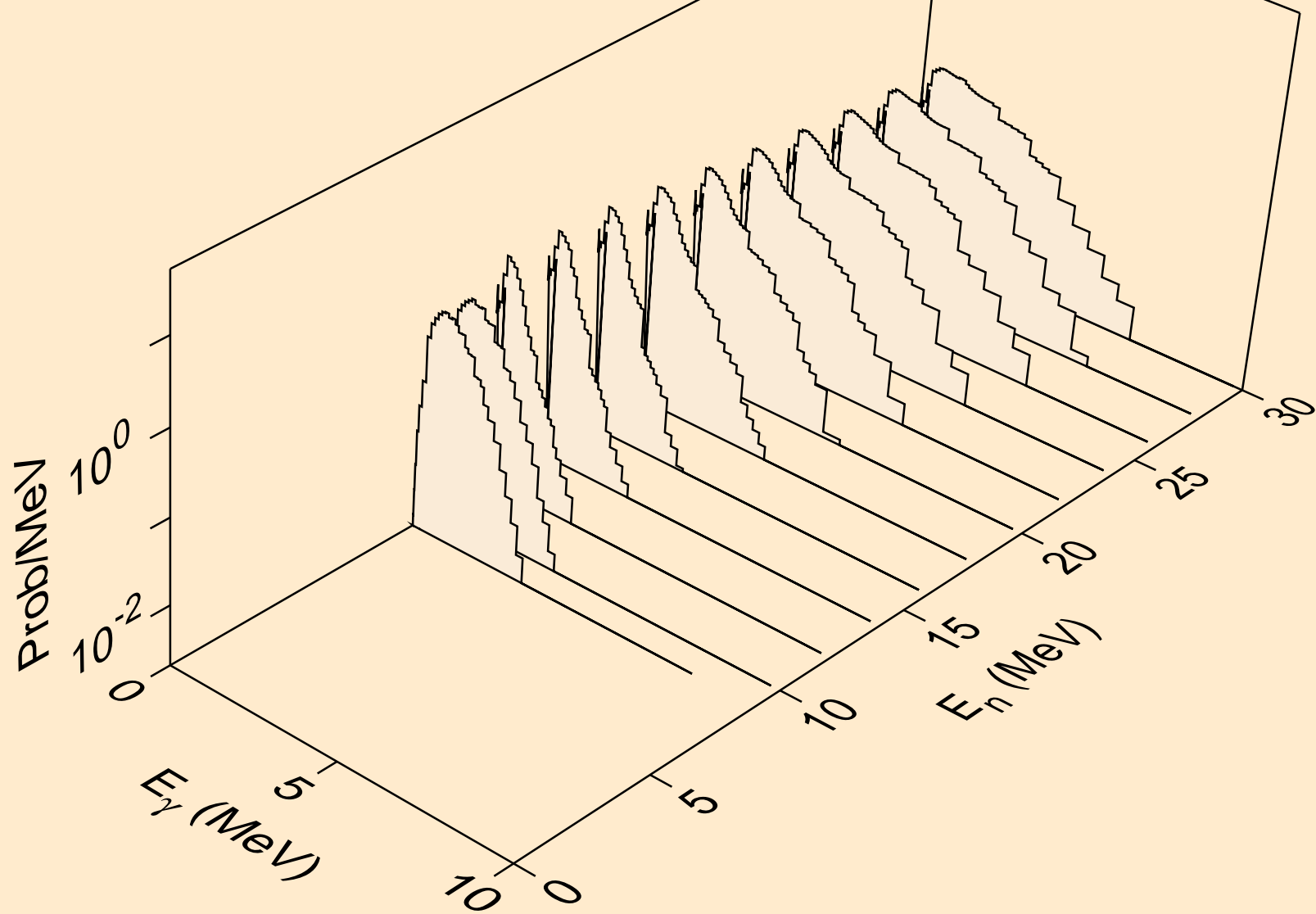
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



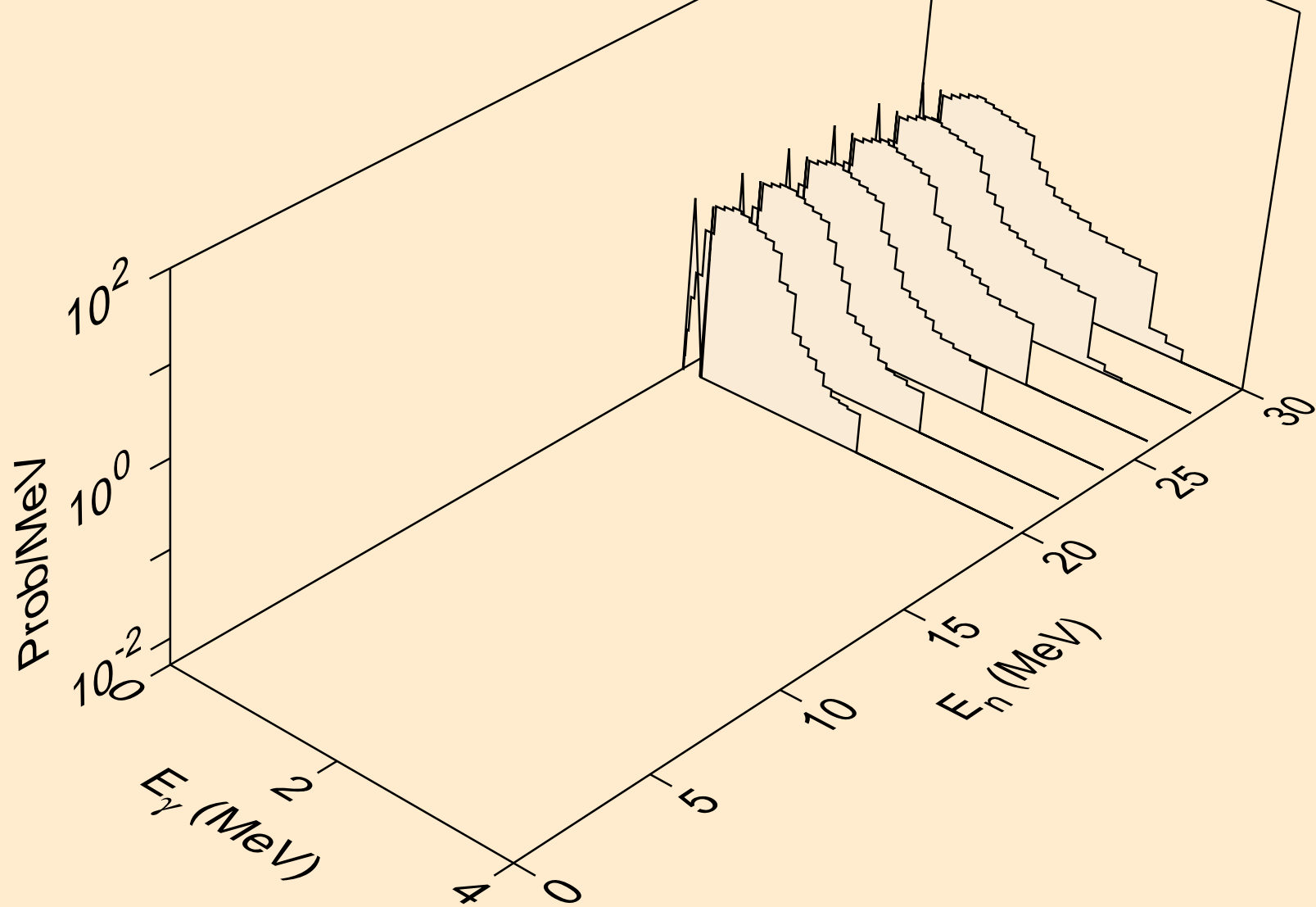
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



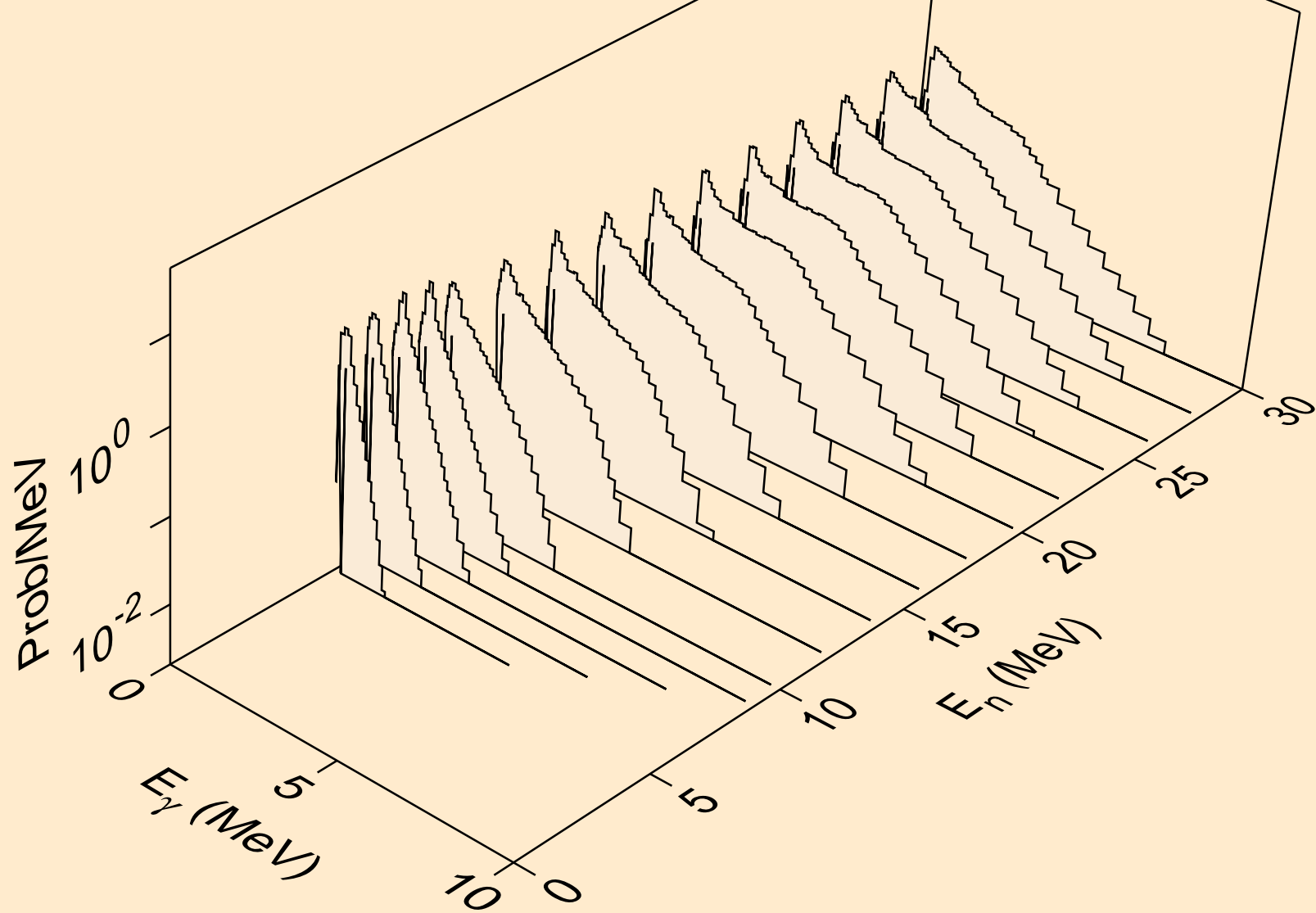
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Photon emission for (n,2a)



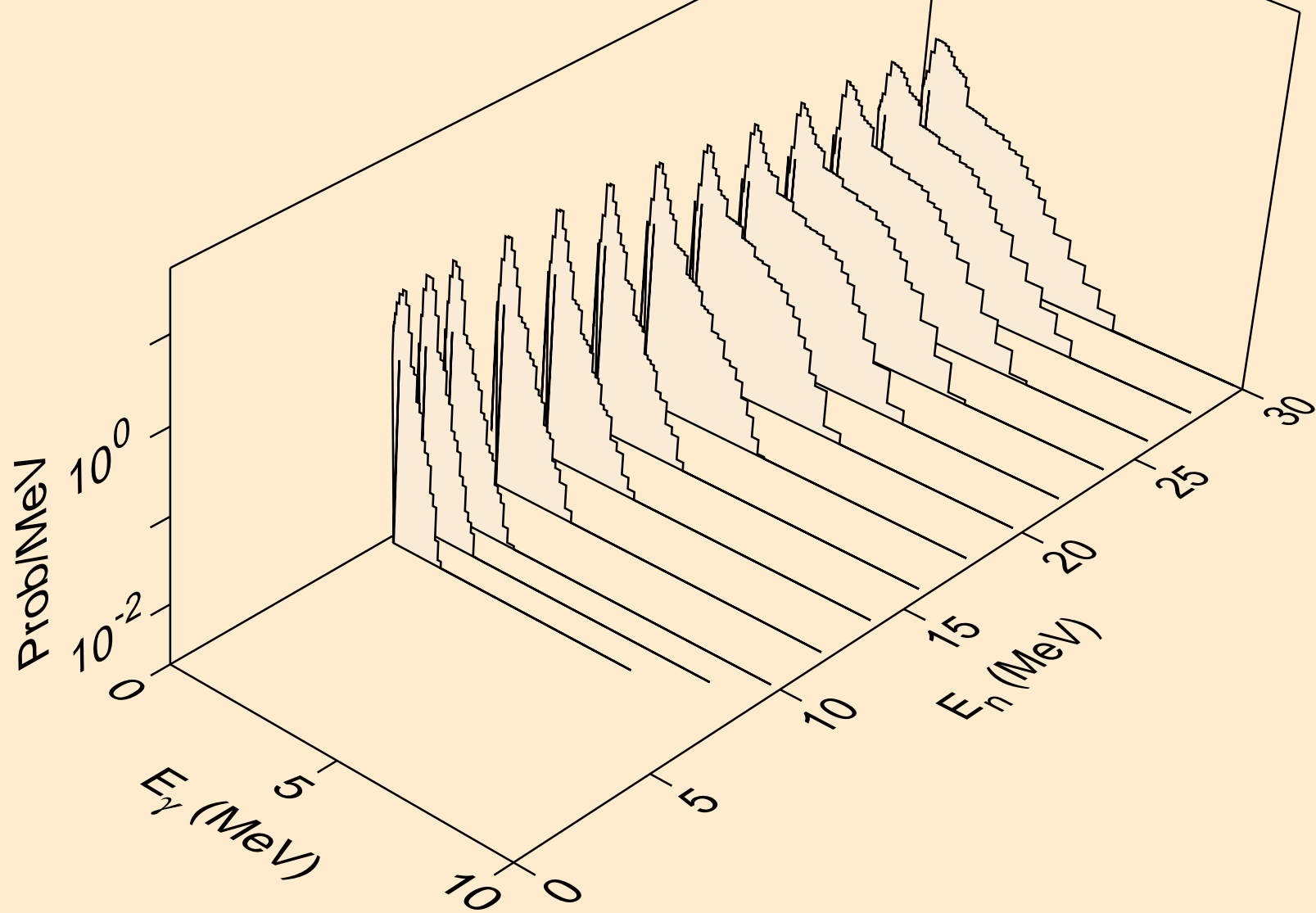
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



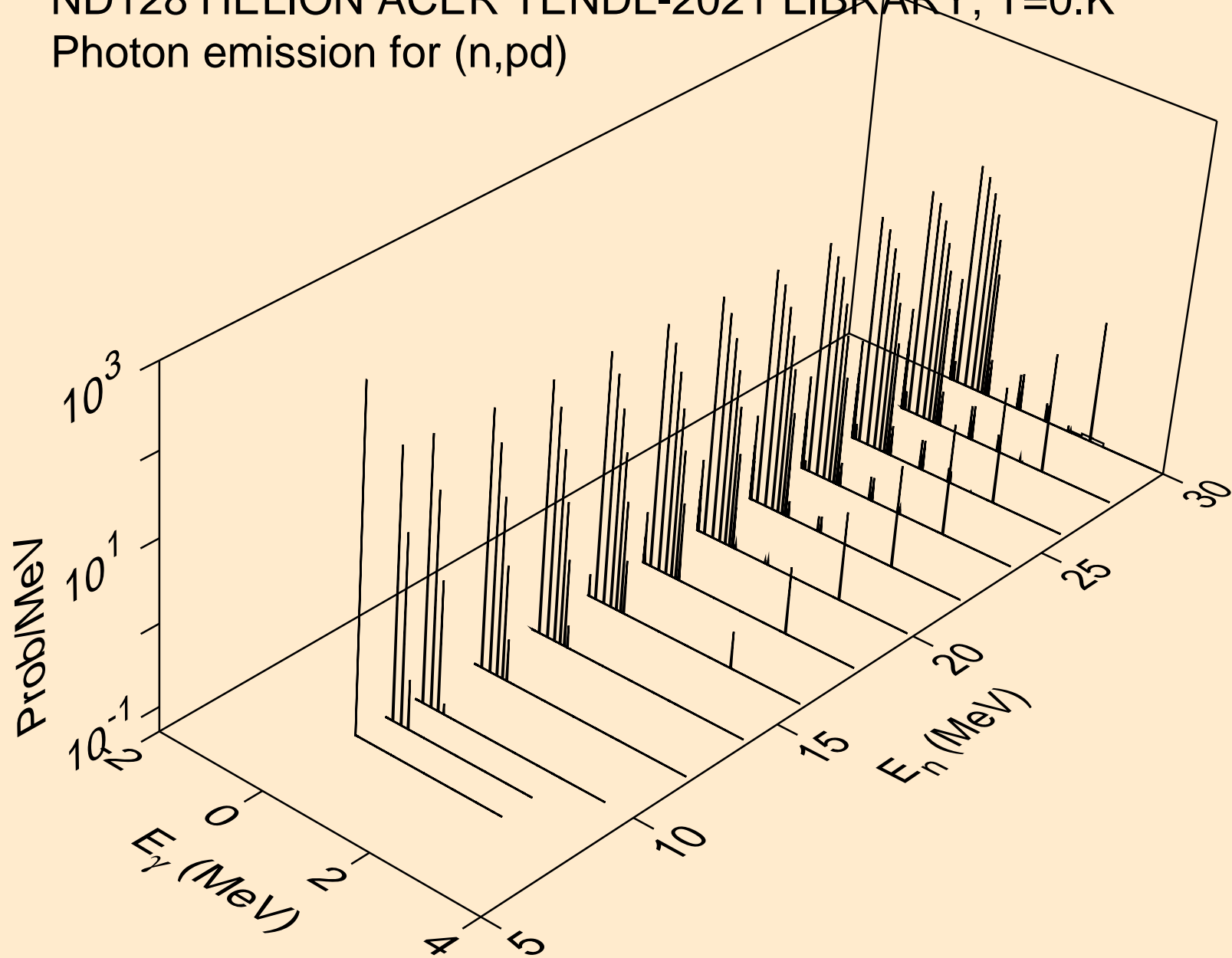
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

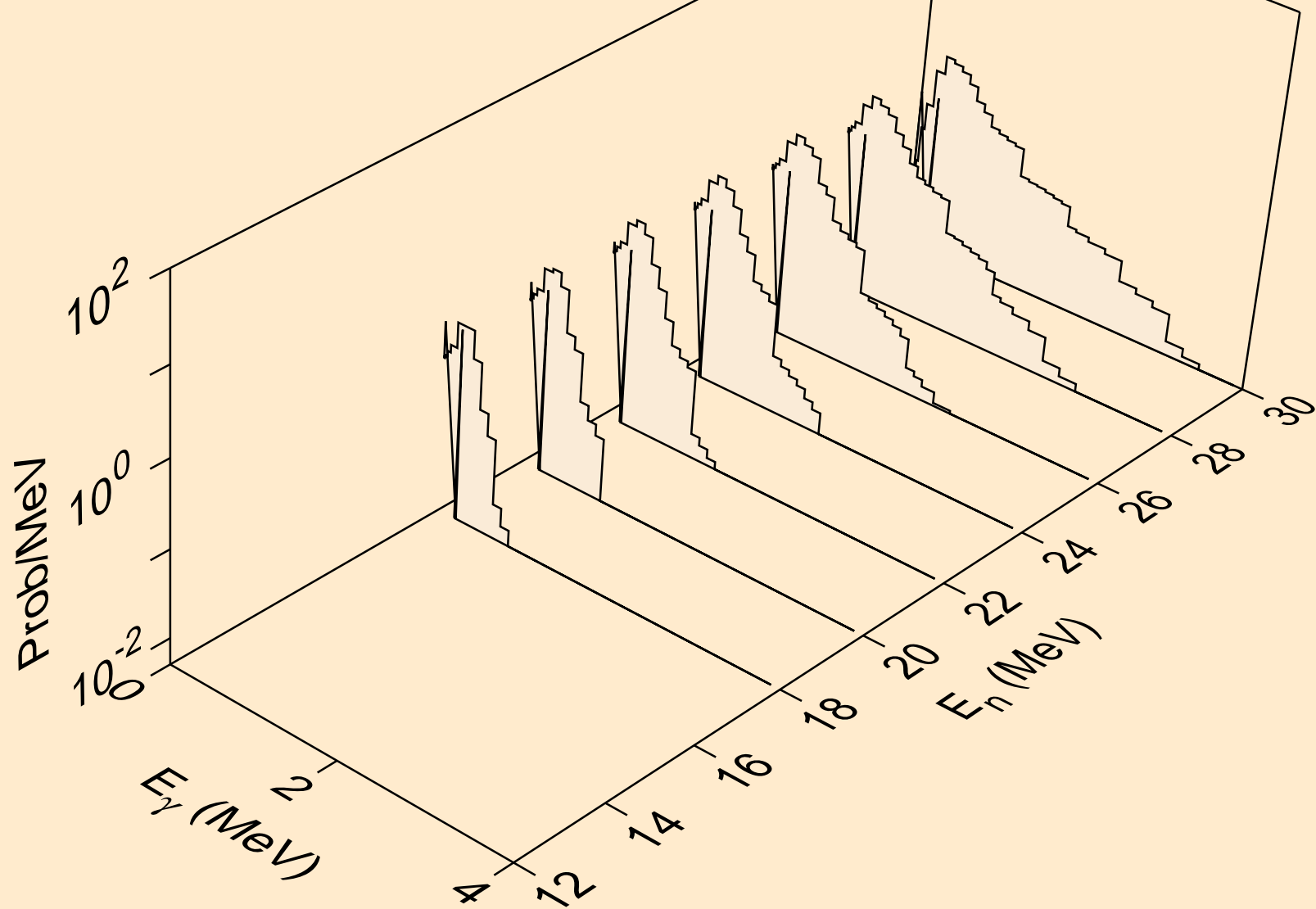


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

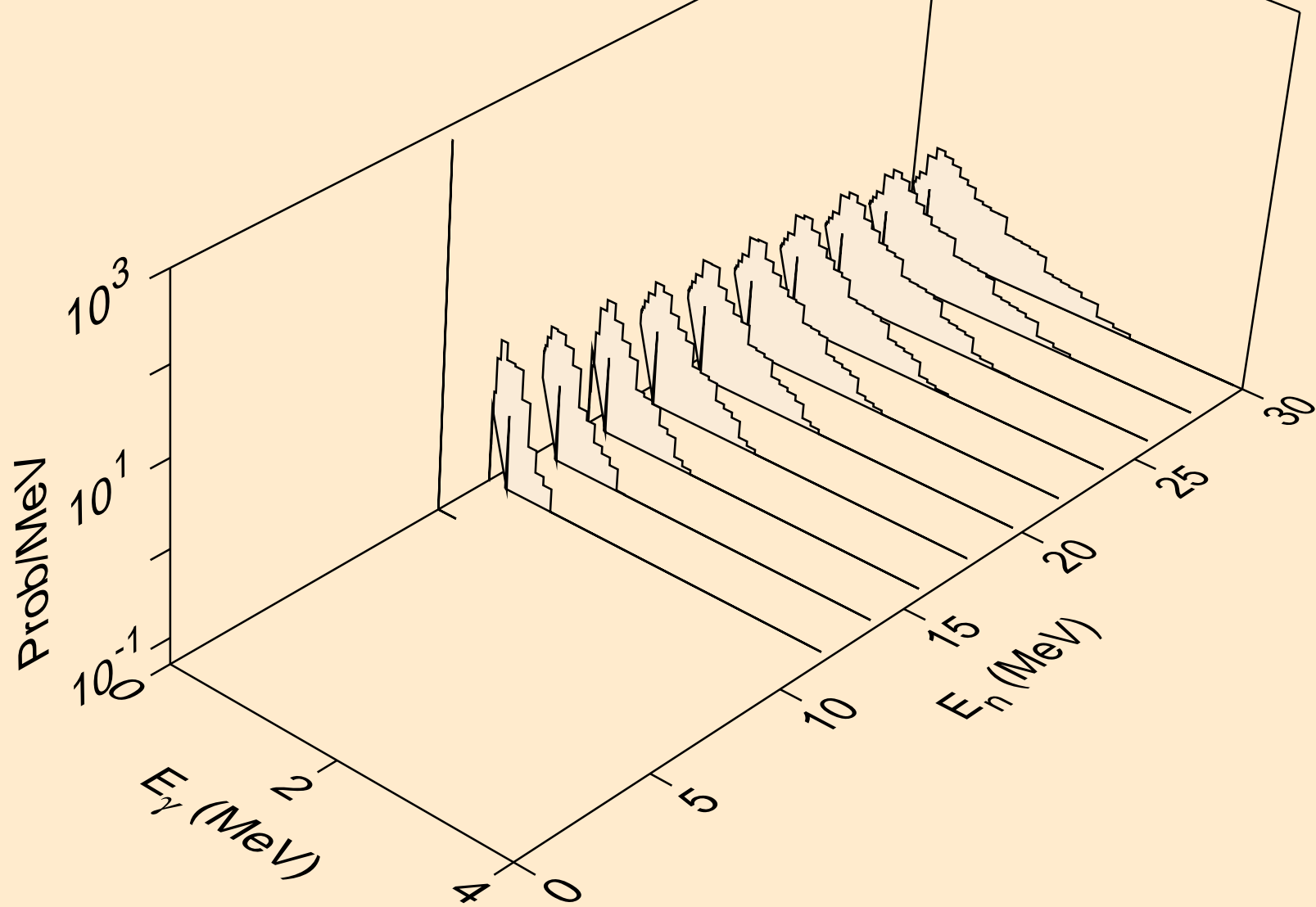




ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

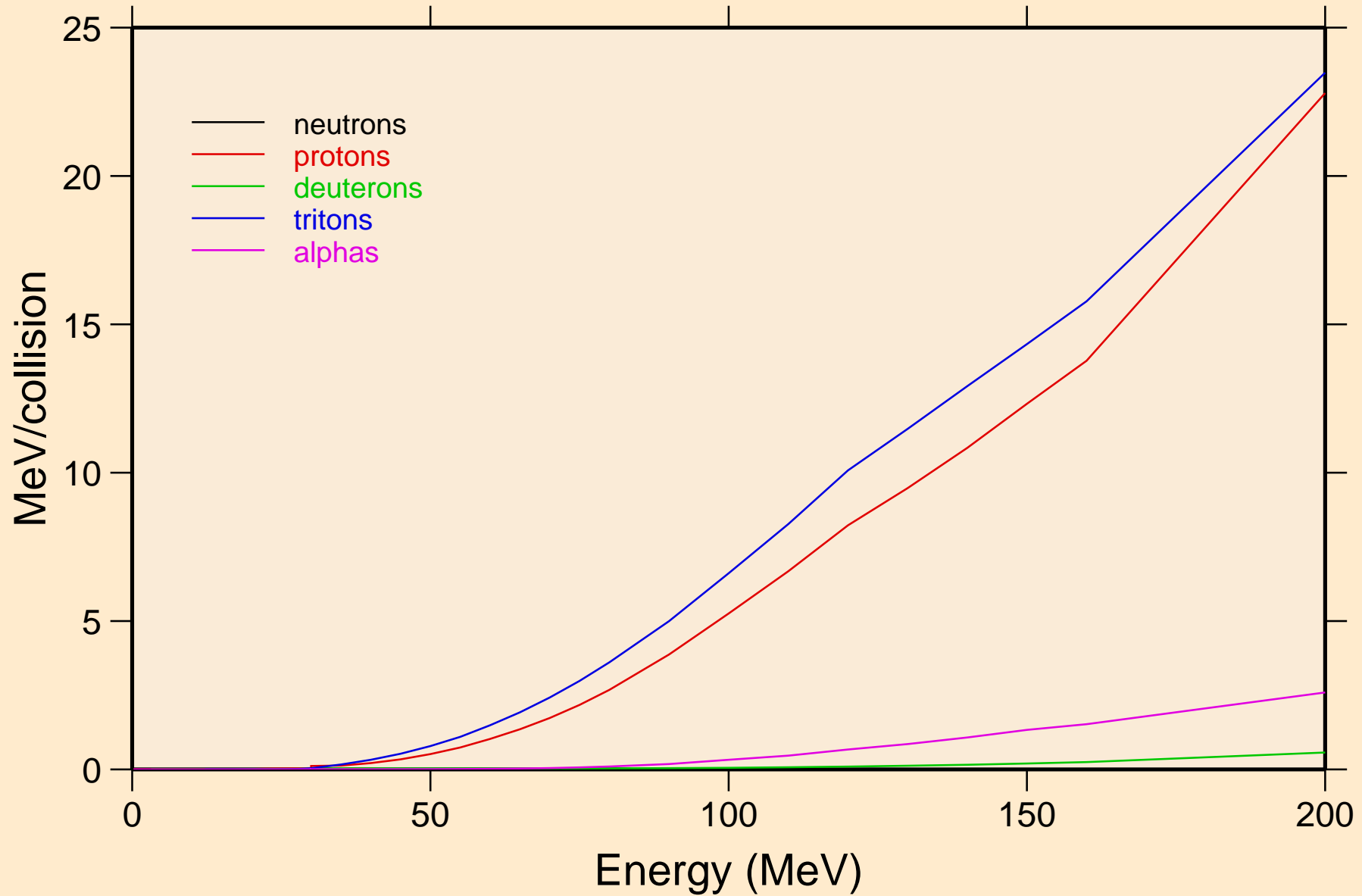


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Photon emission for (n,da)

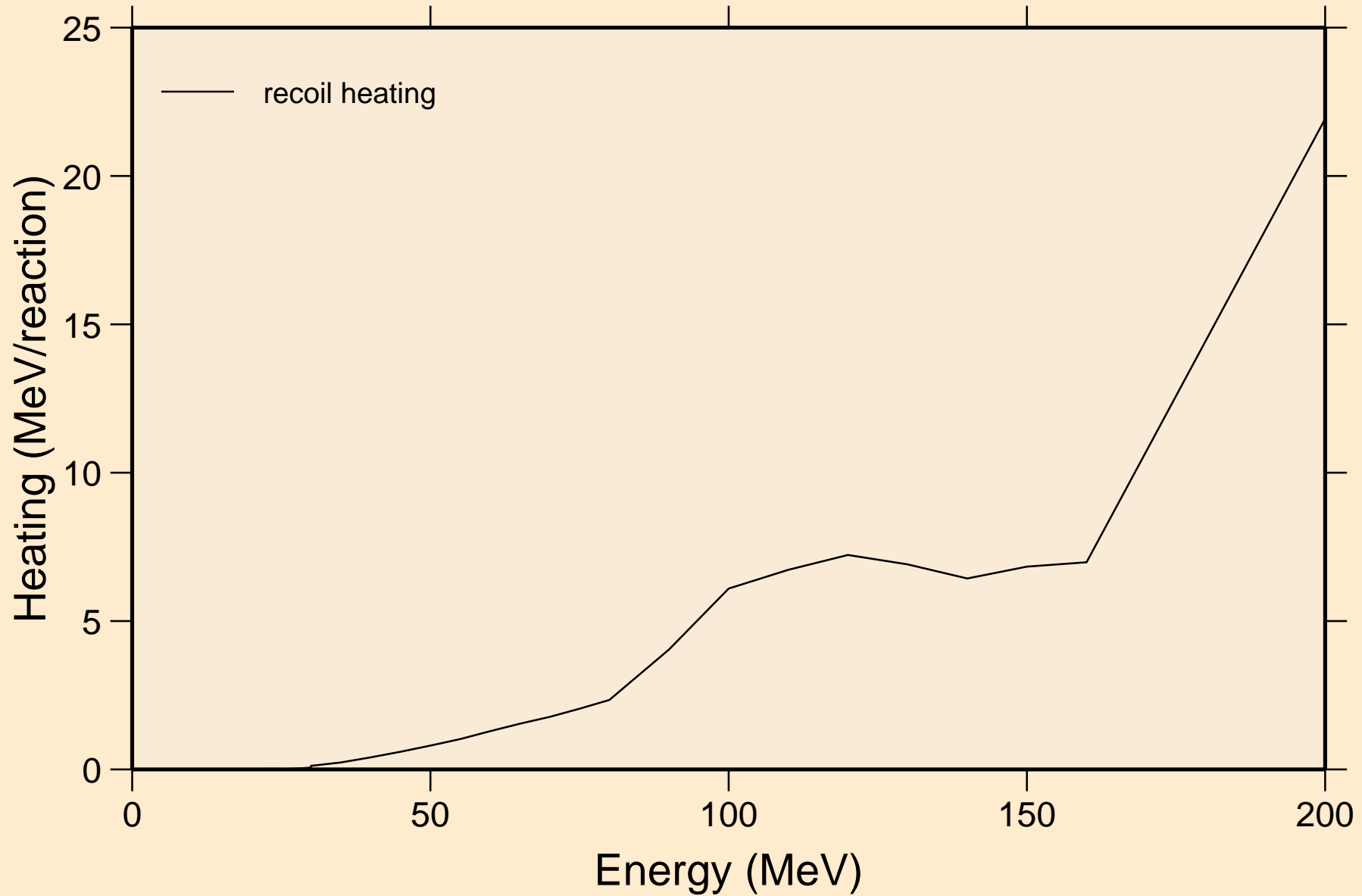


# ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K

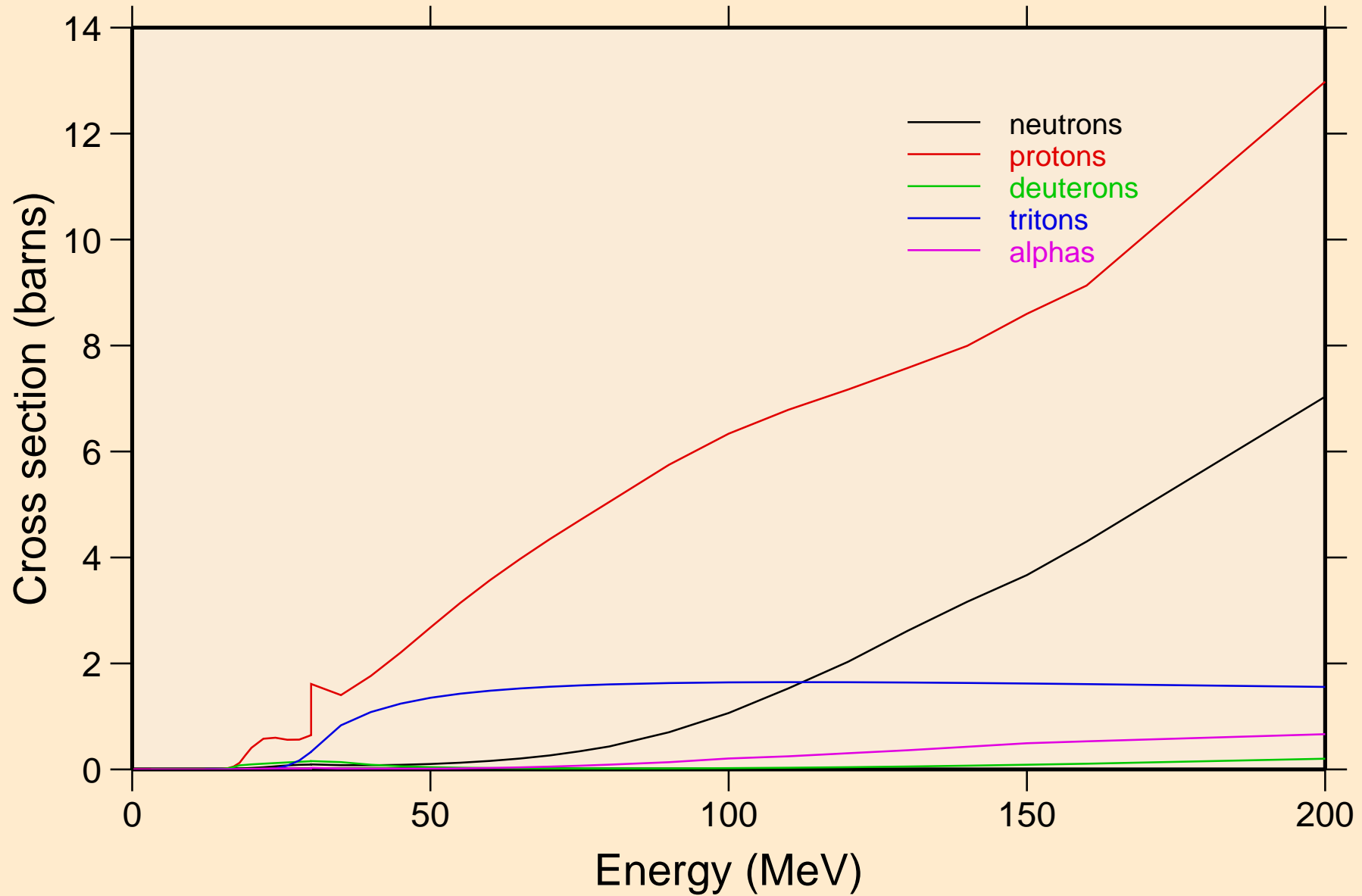
## Particle heating contributions



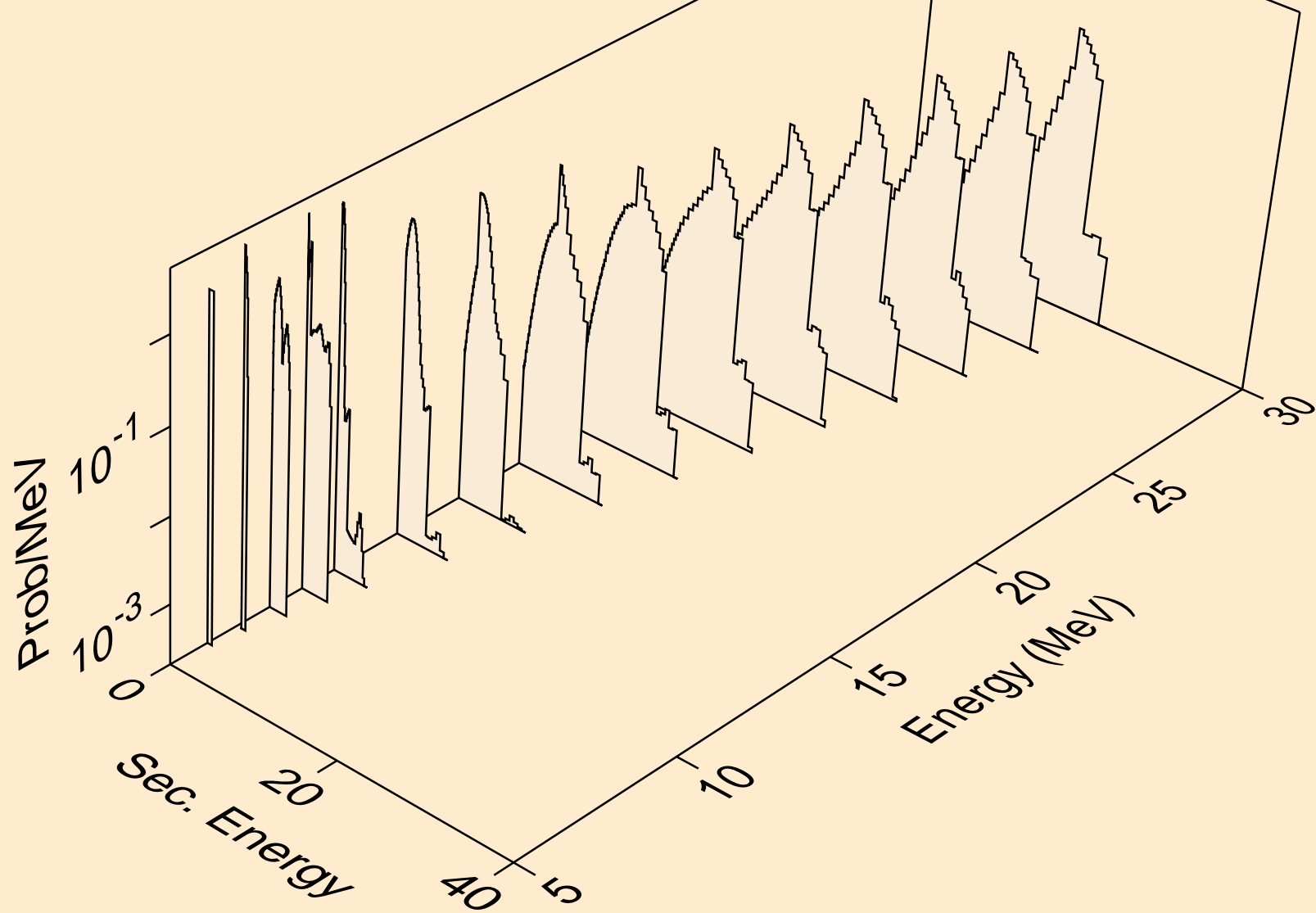
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Recoil Heating



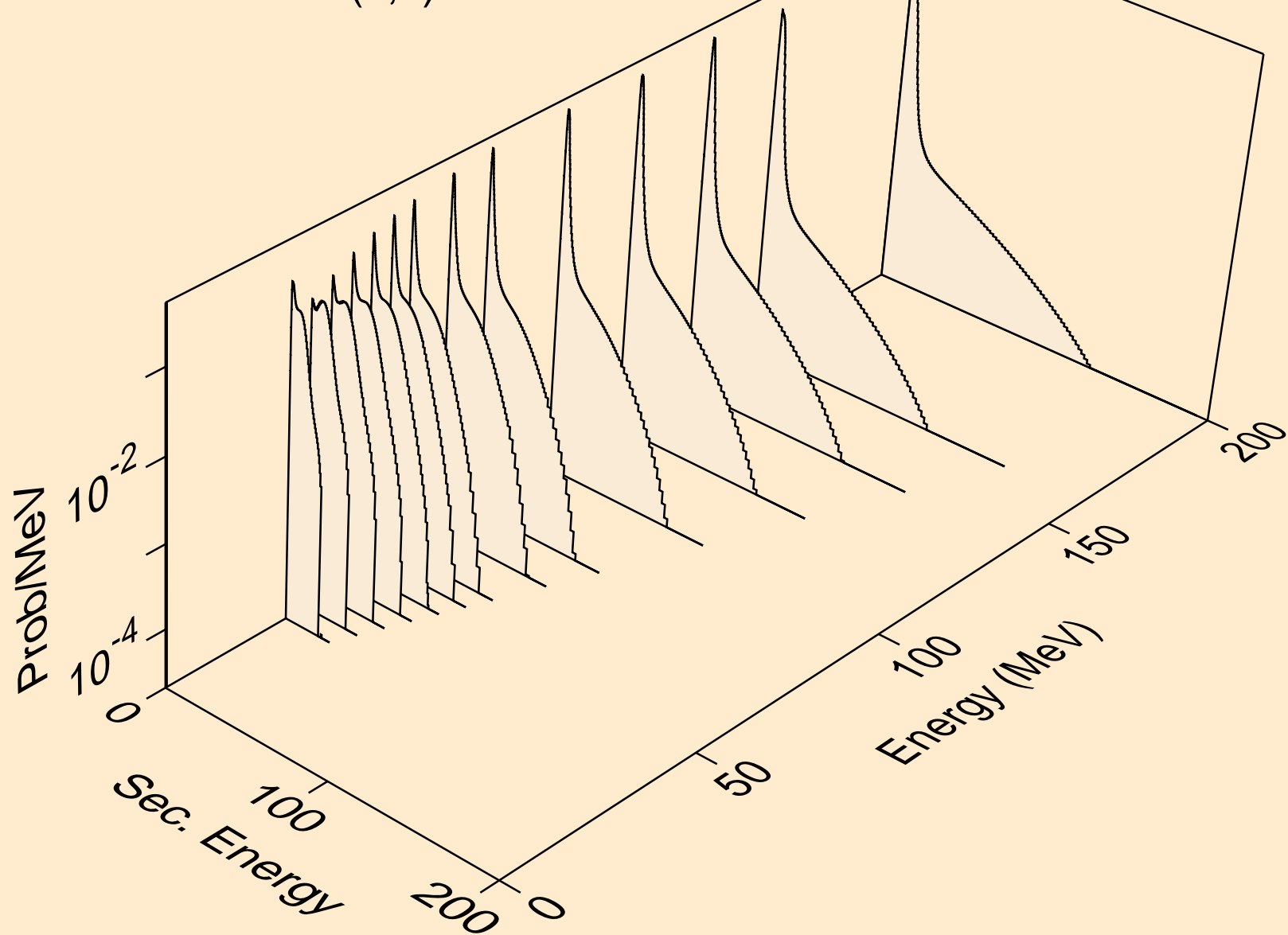
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



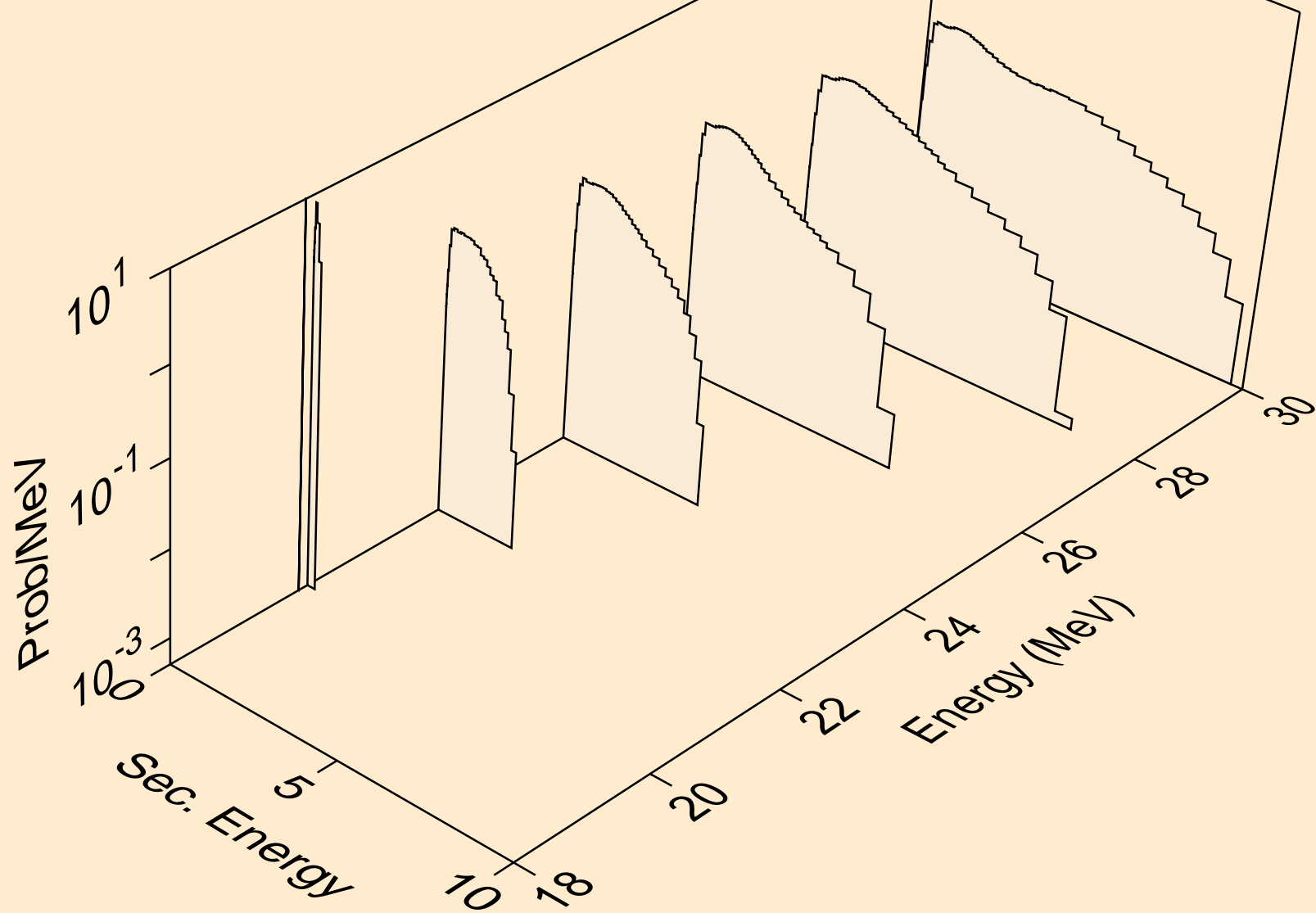
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

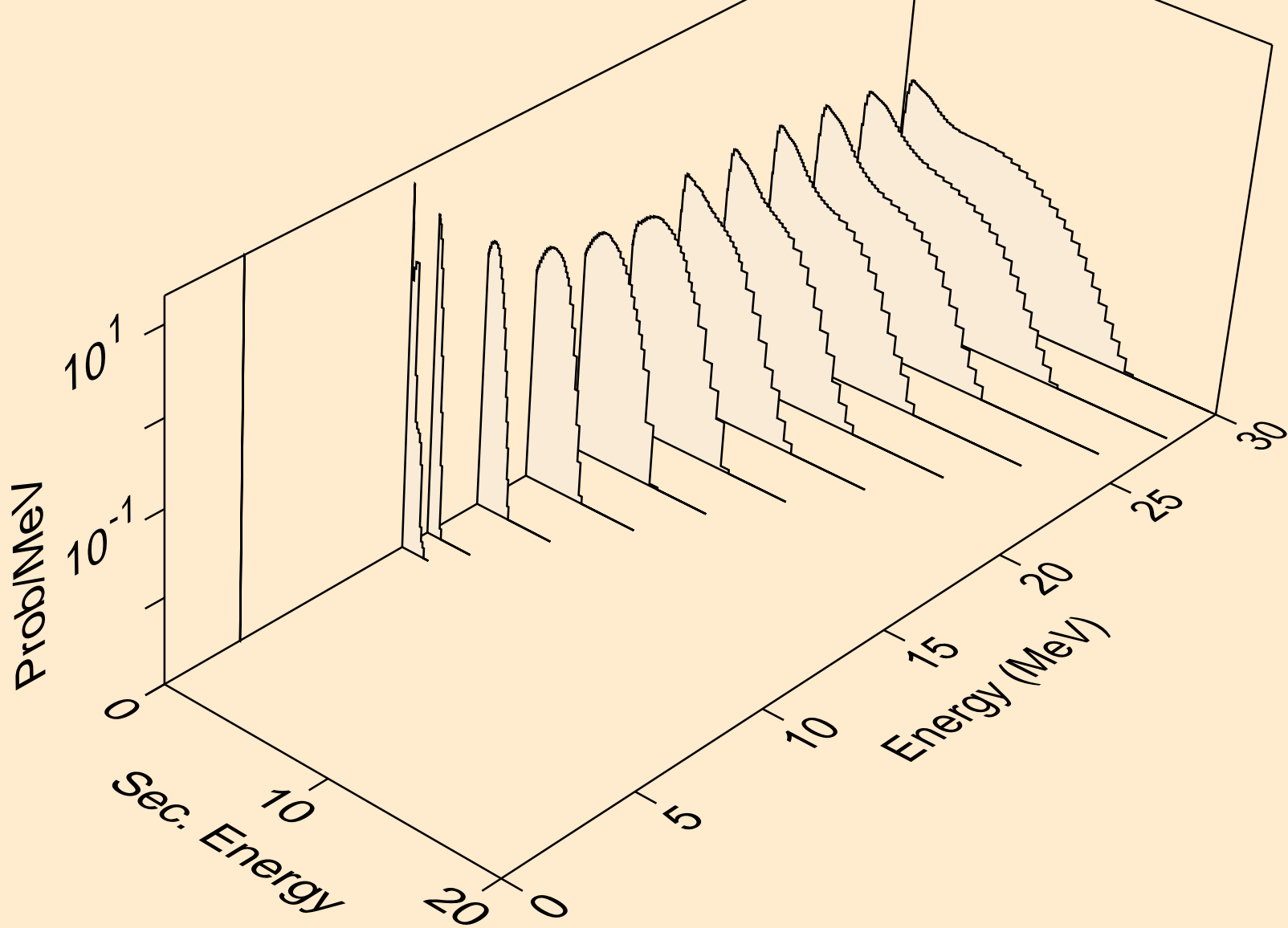


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

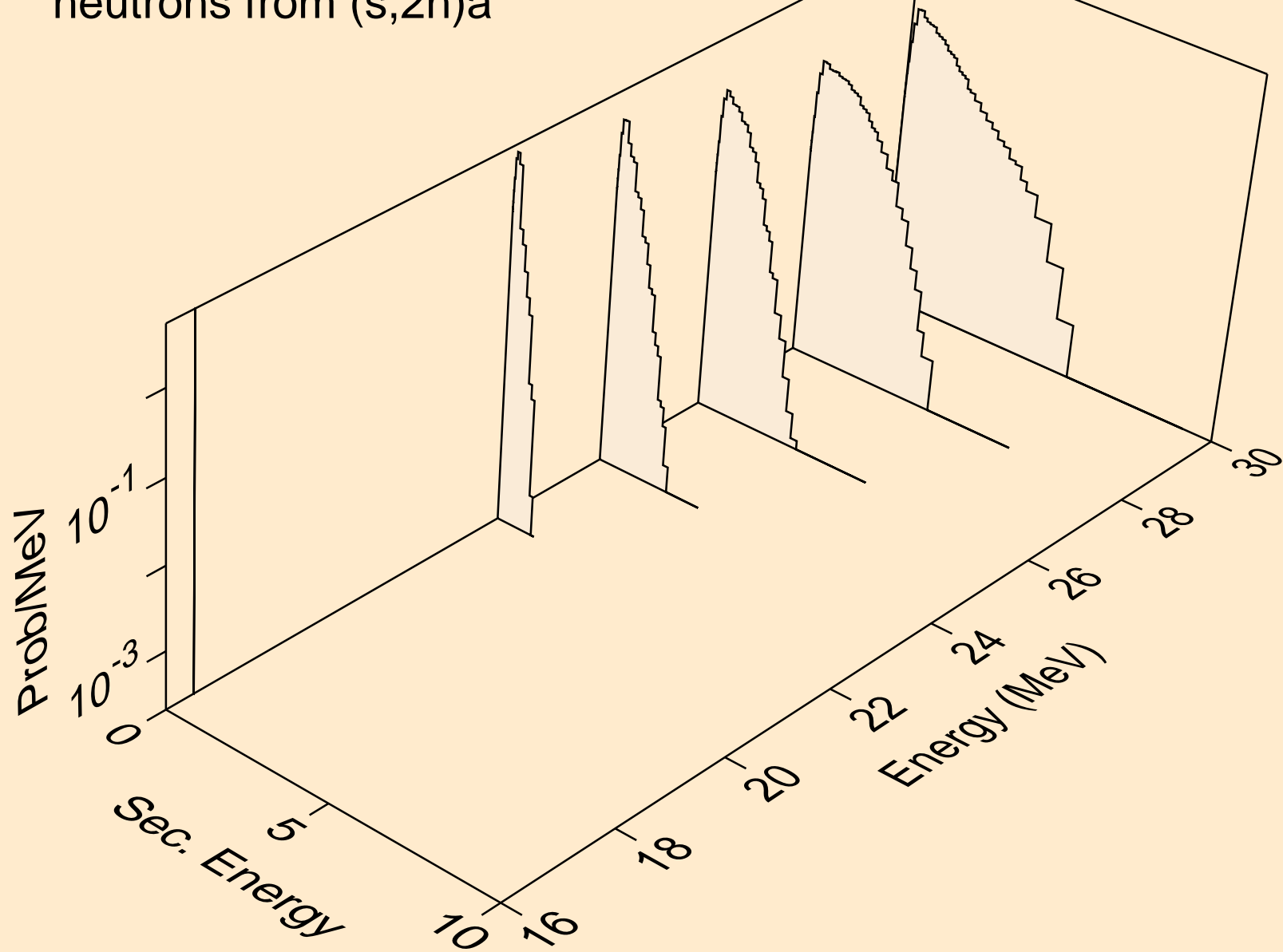




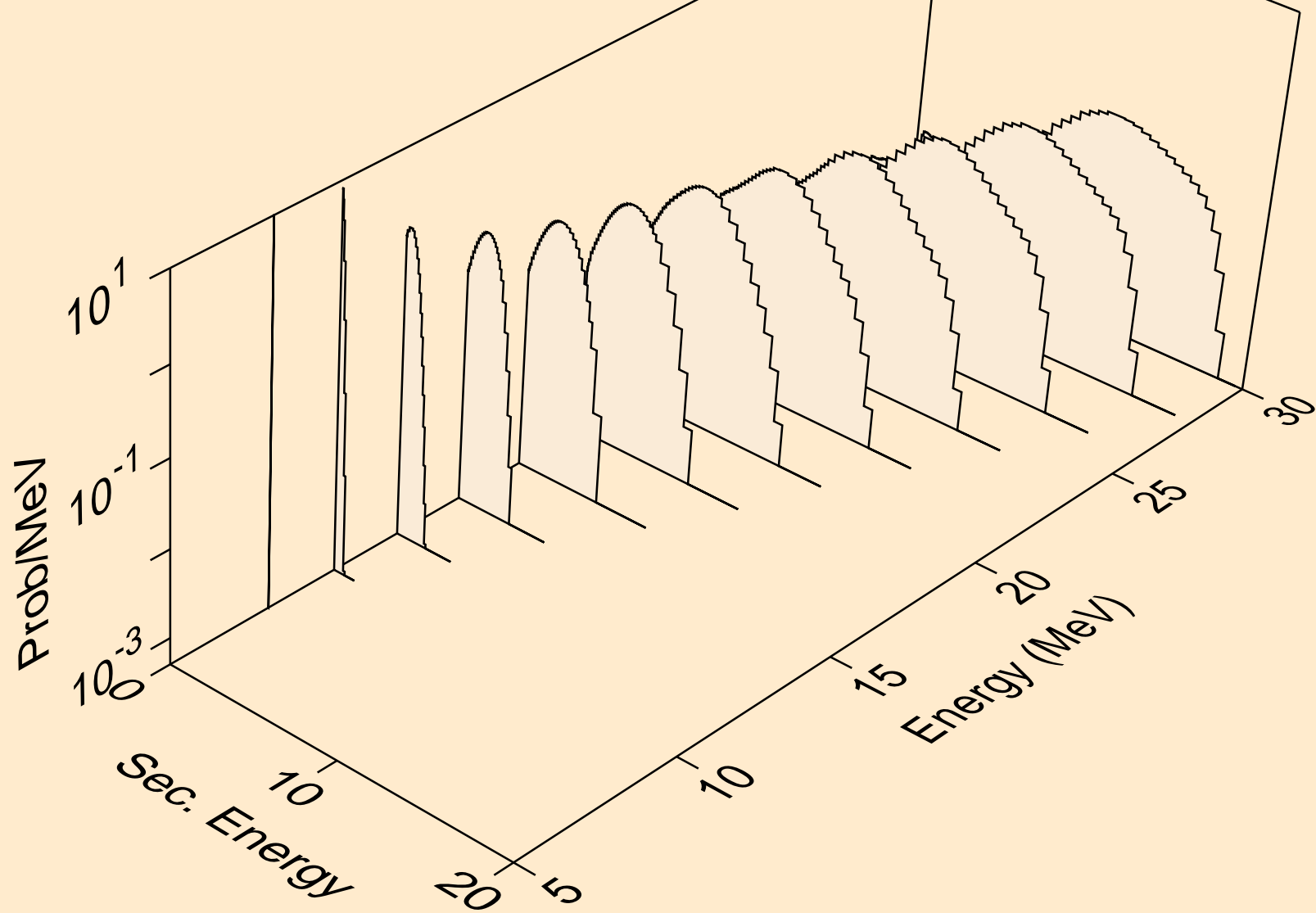
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



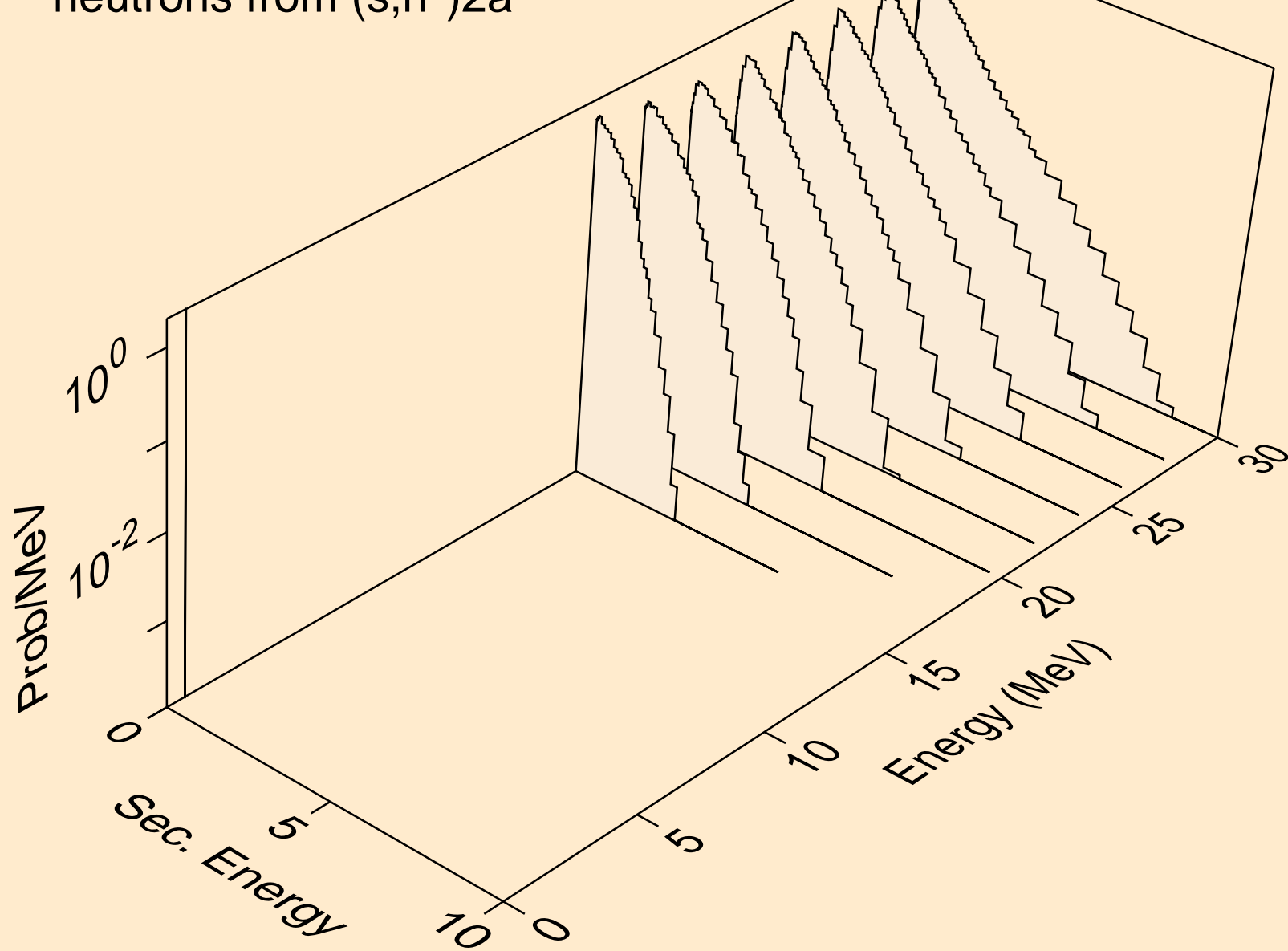
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



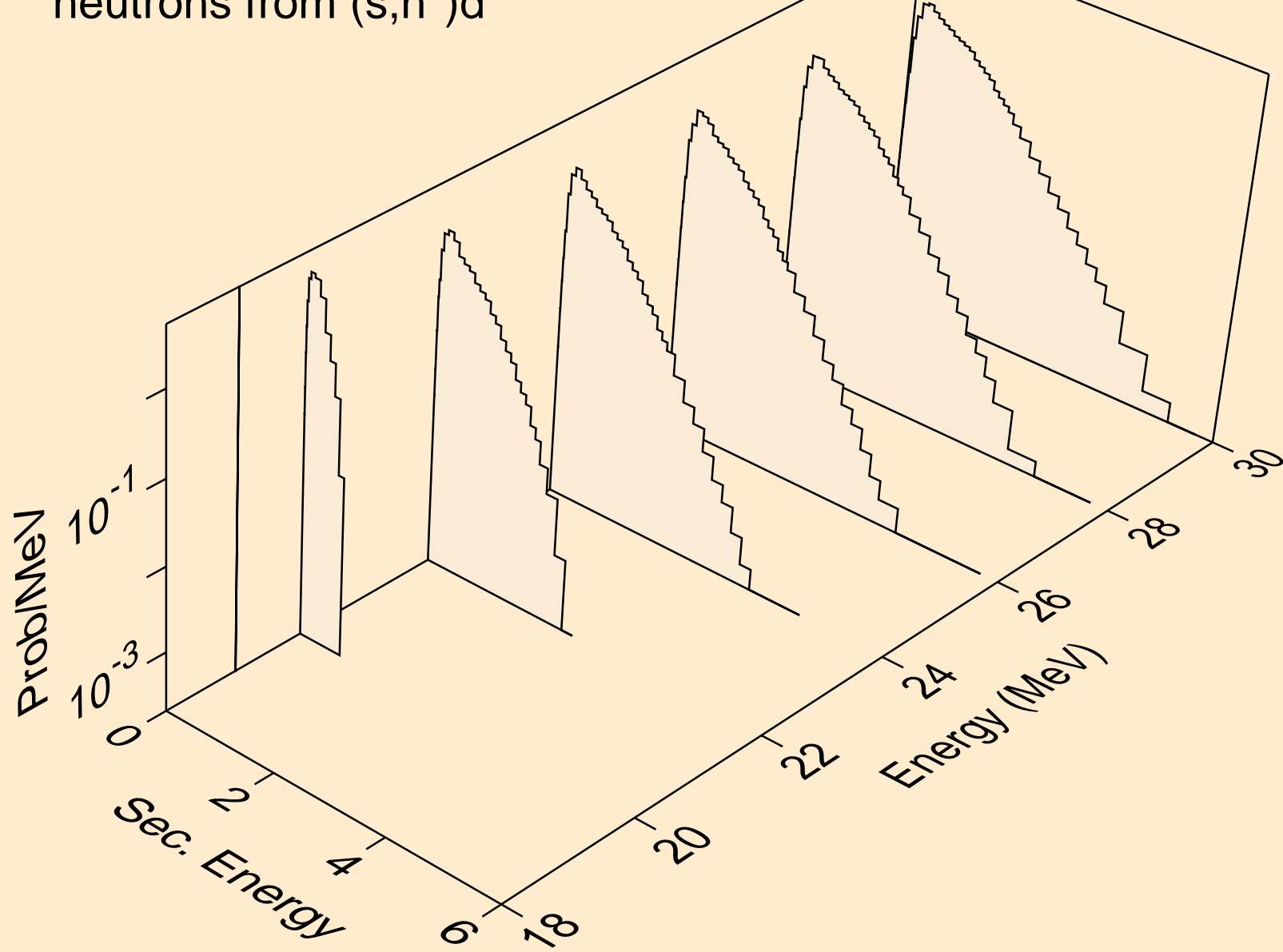
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



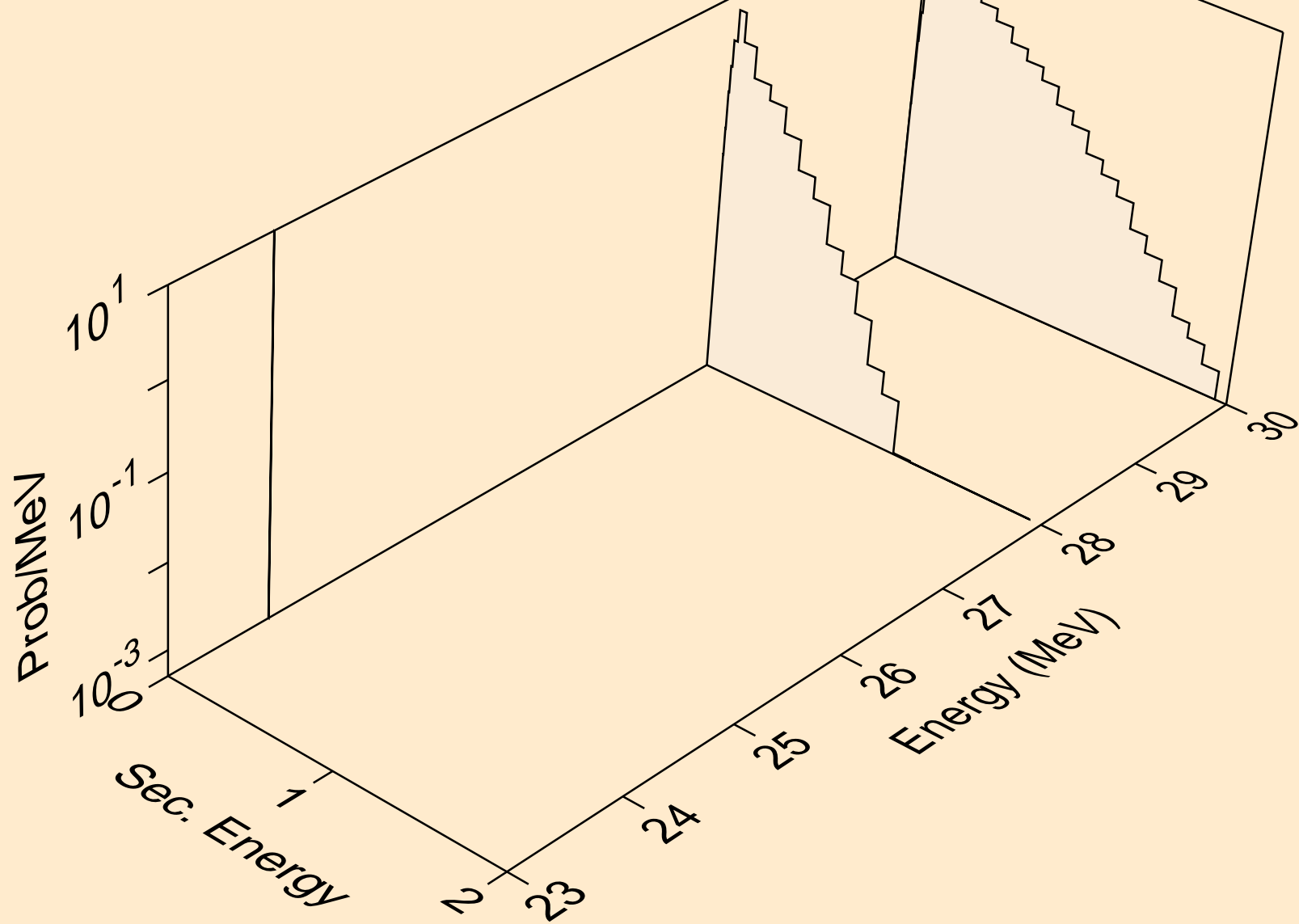
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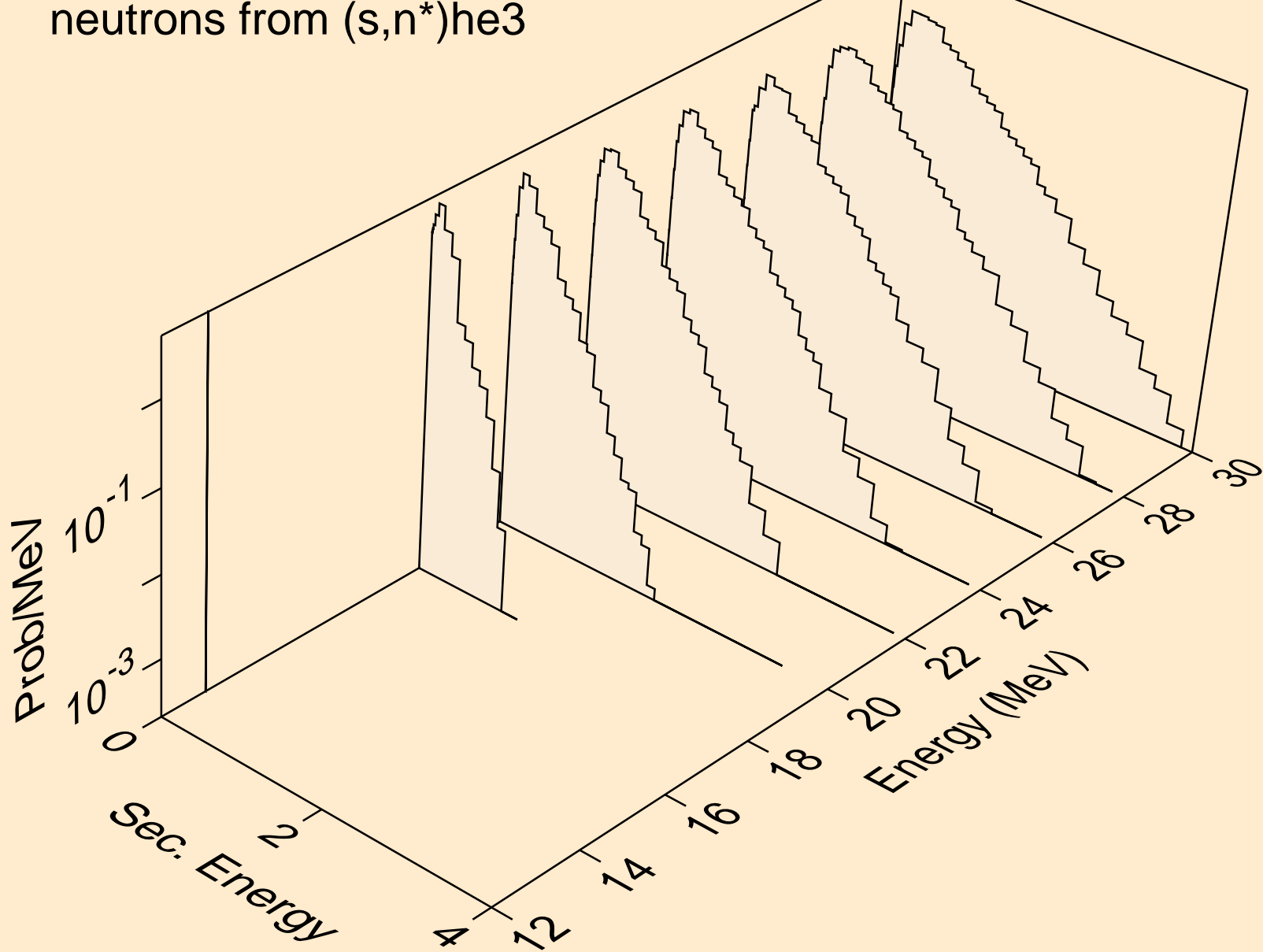
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



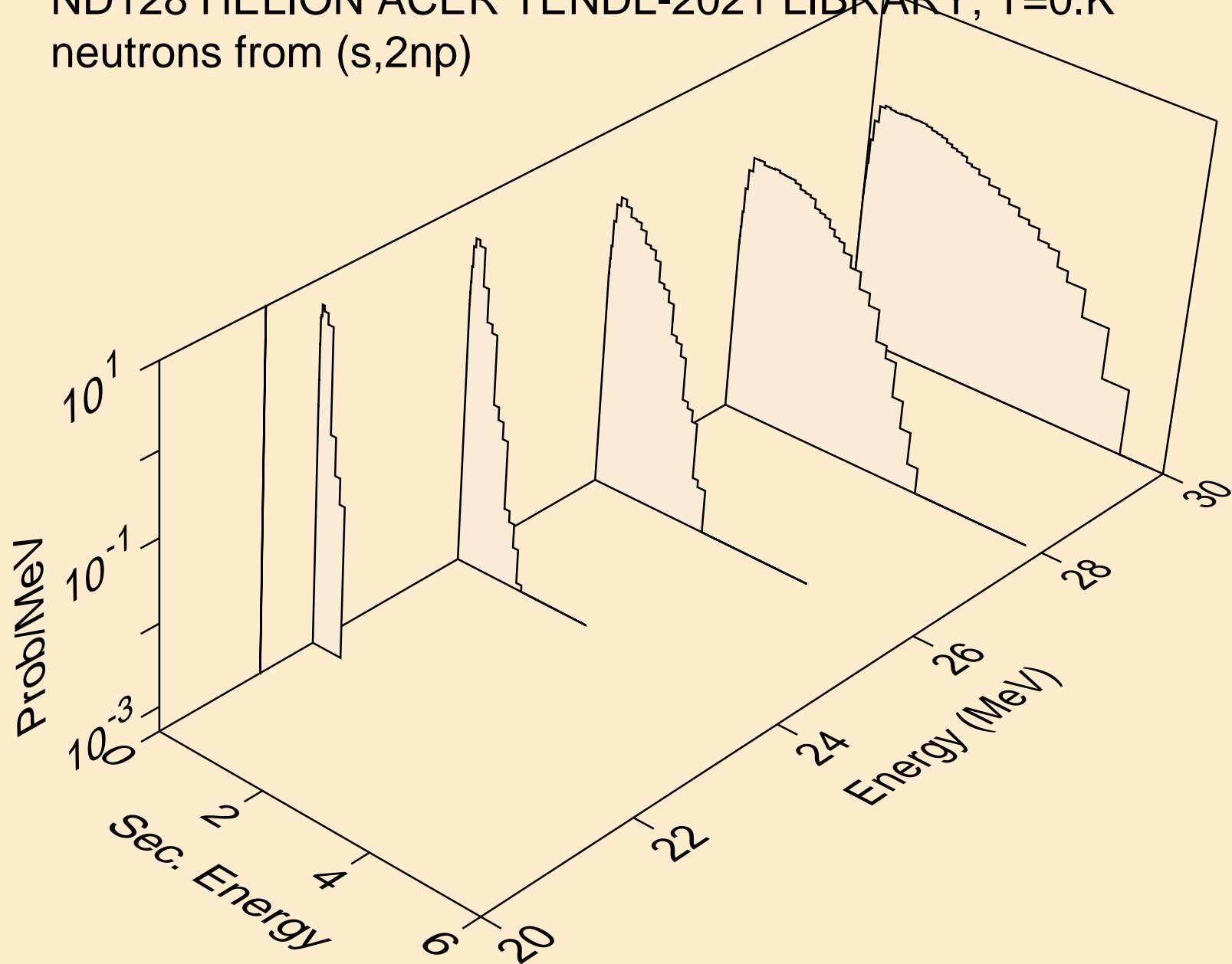
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

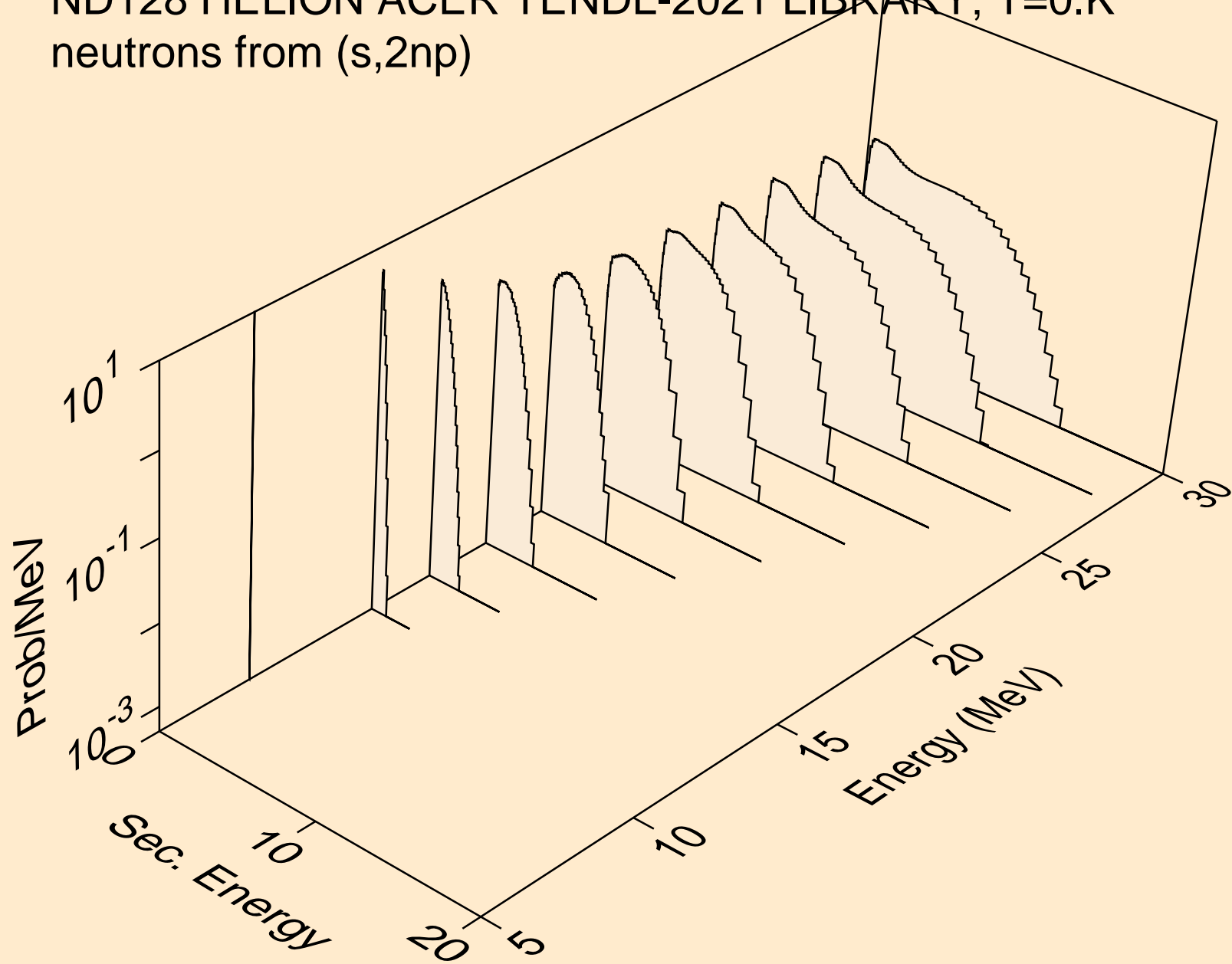


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

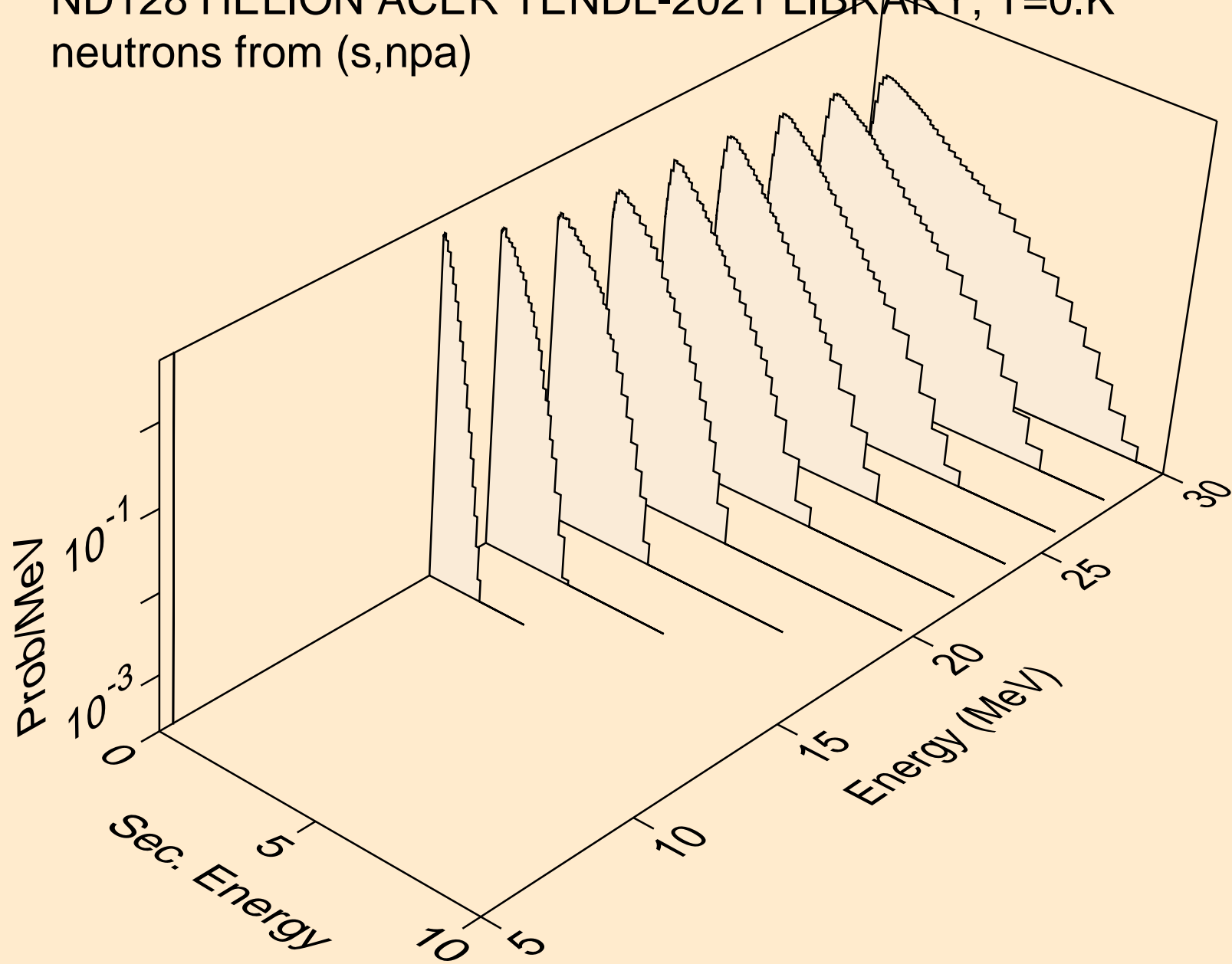




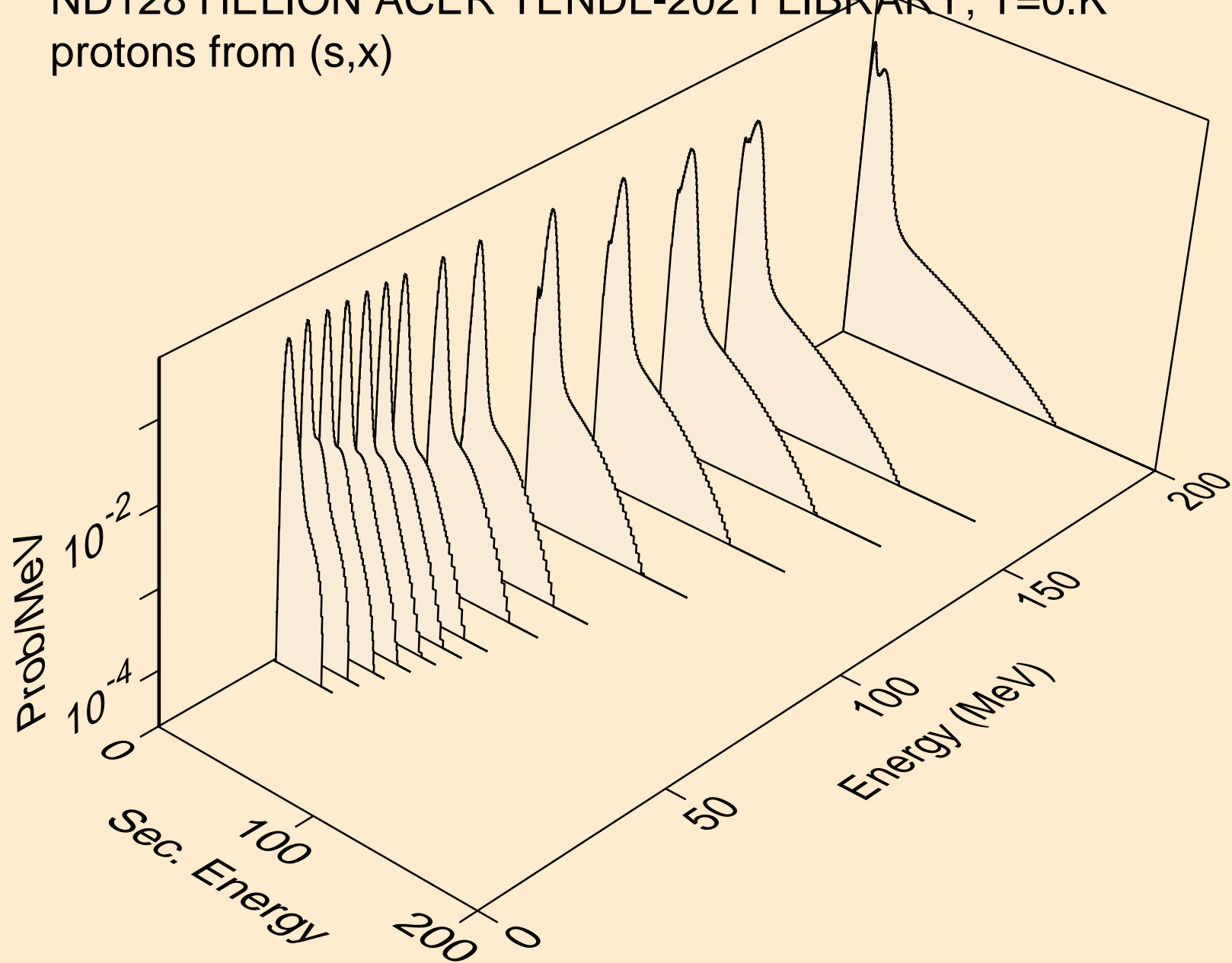
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



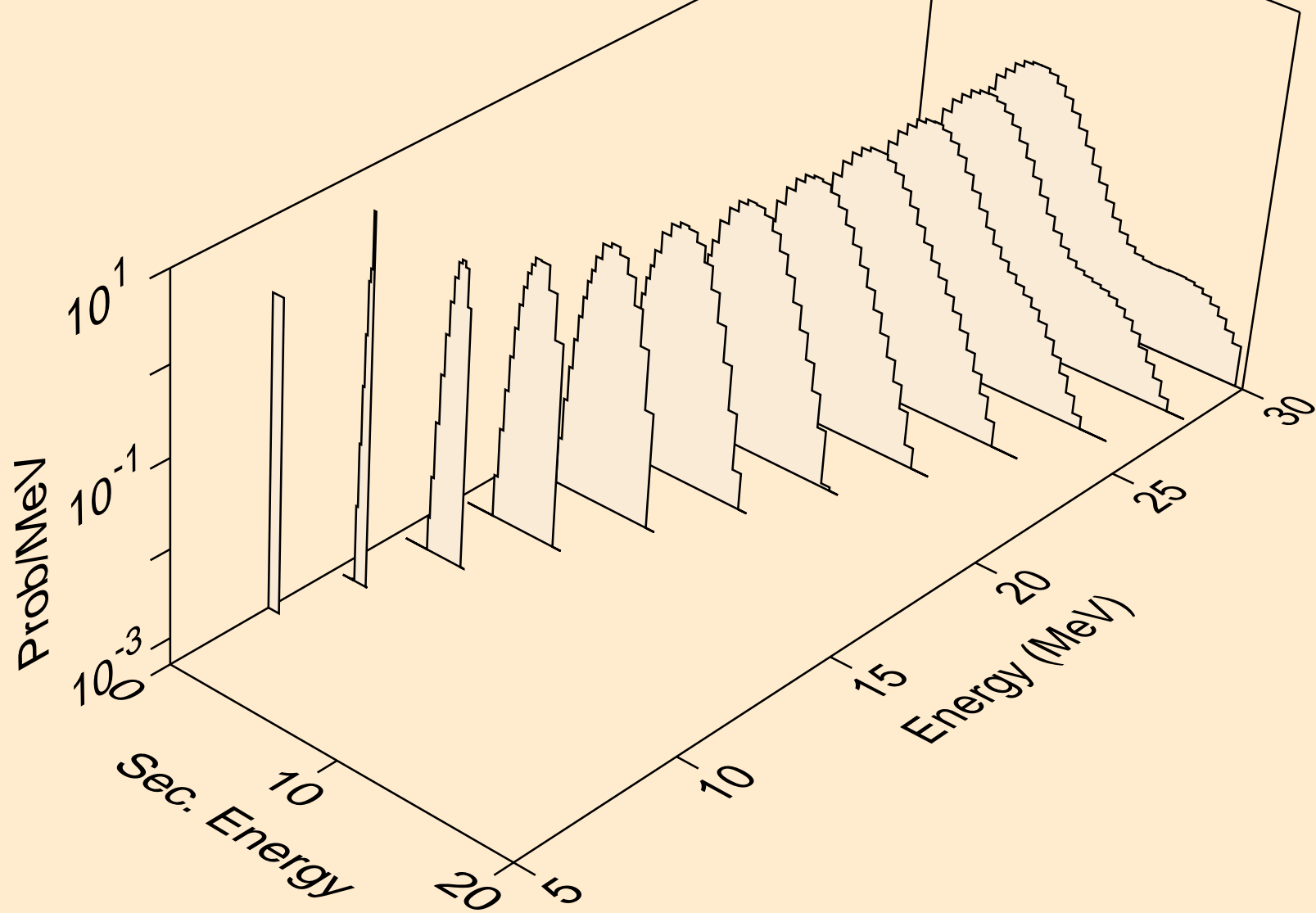
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



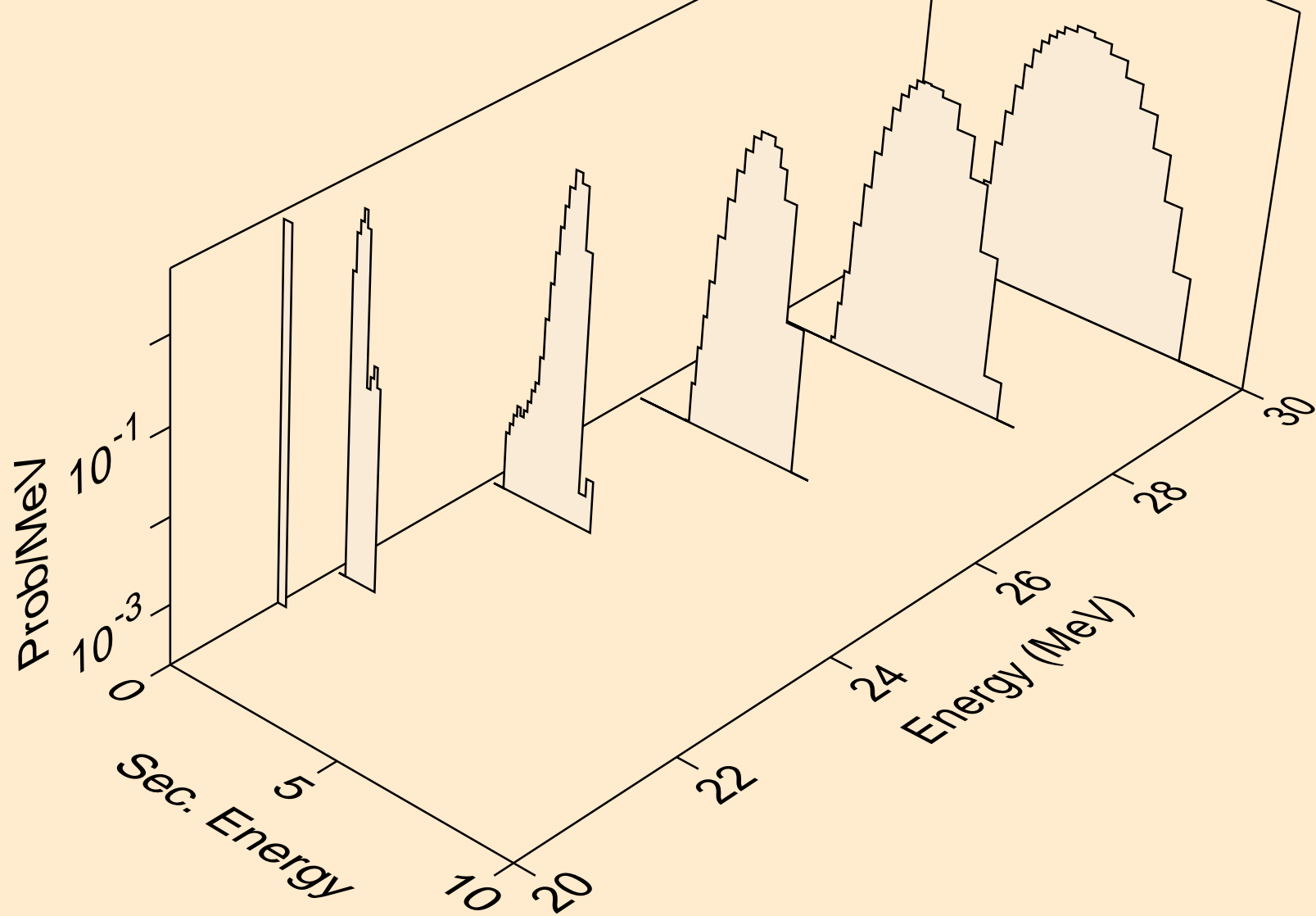
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



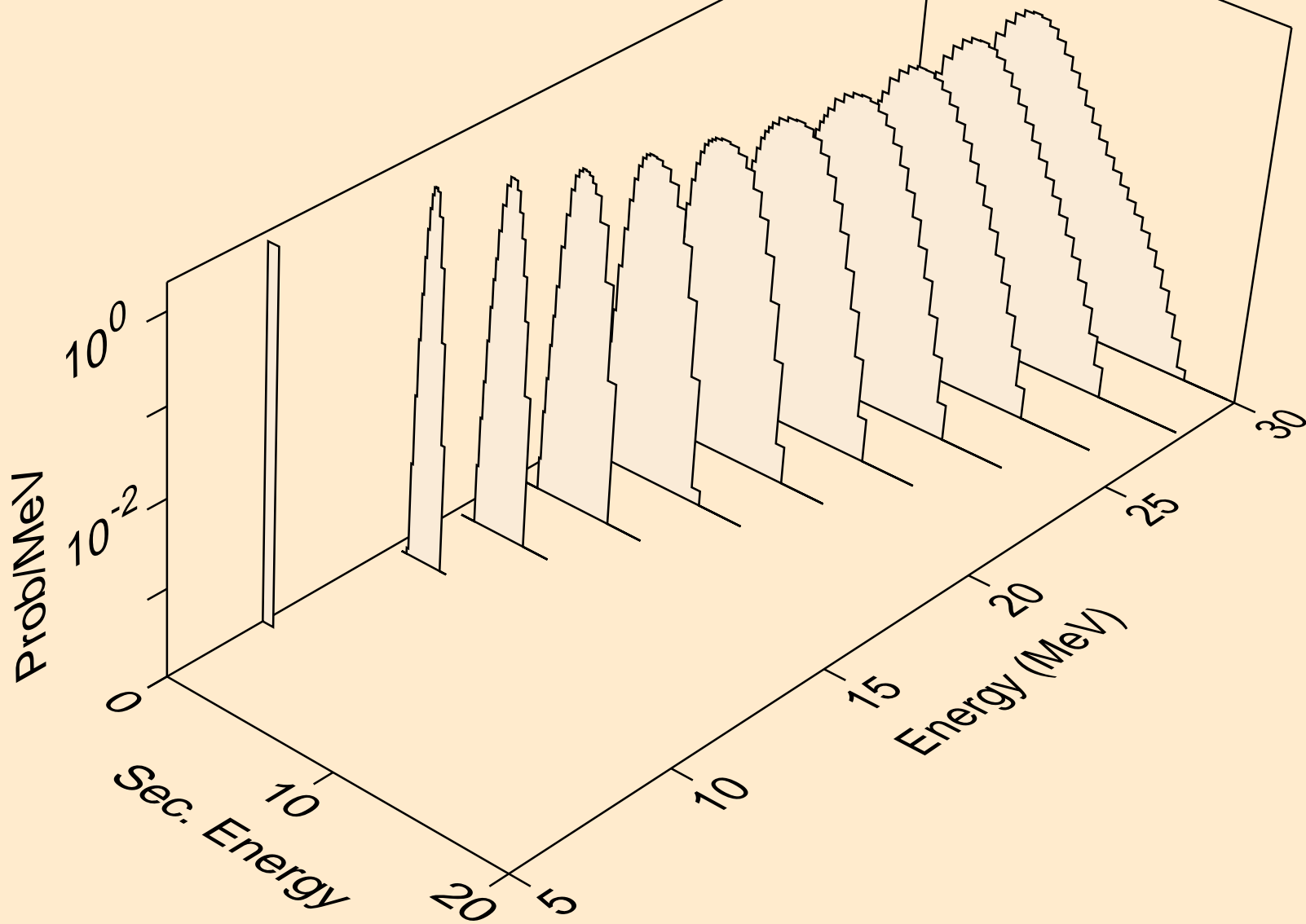
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



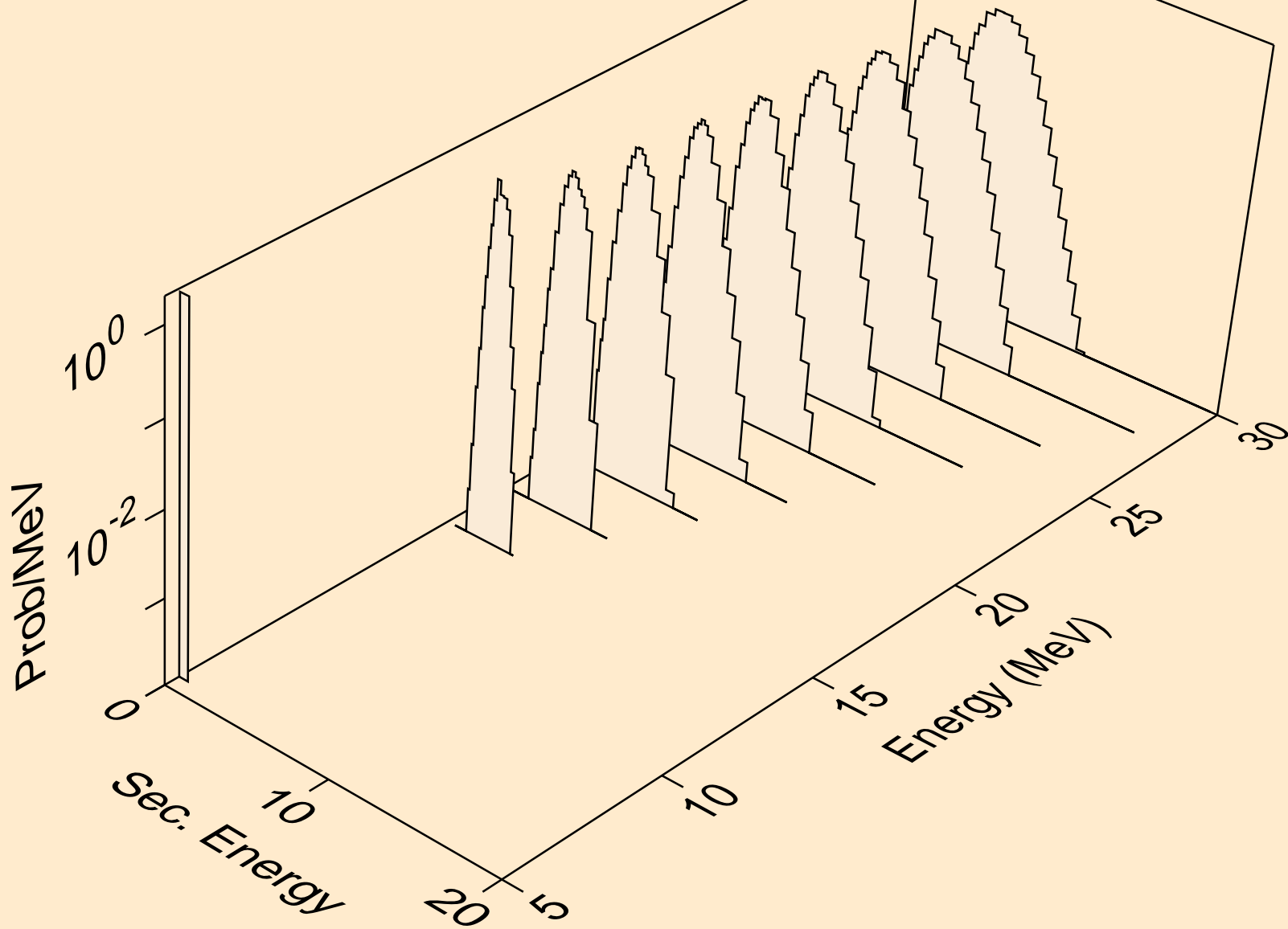
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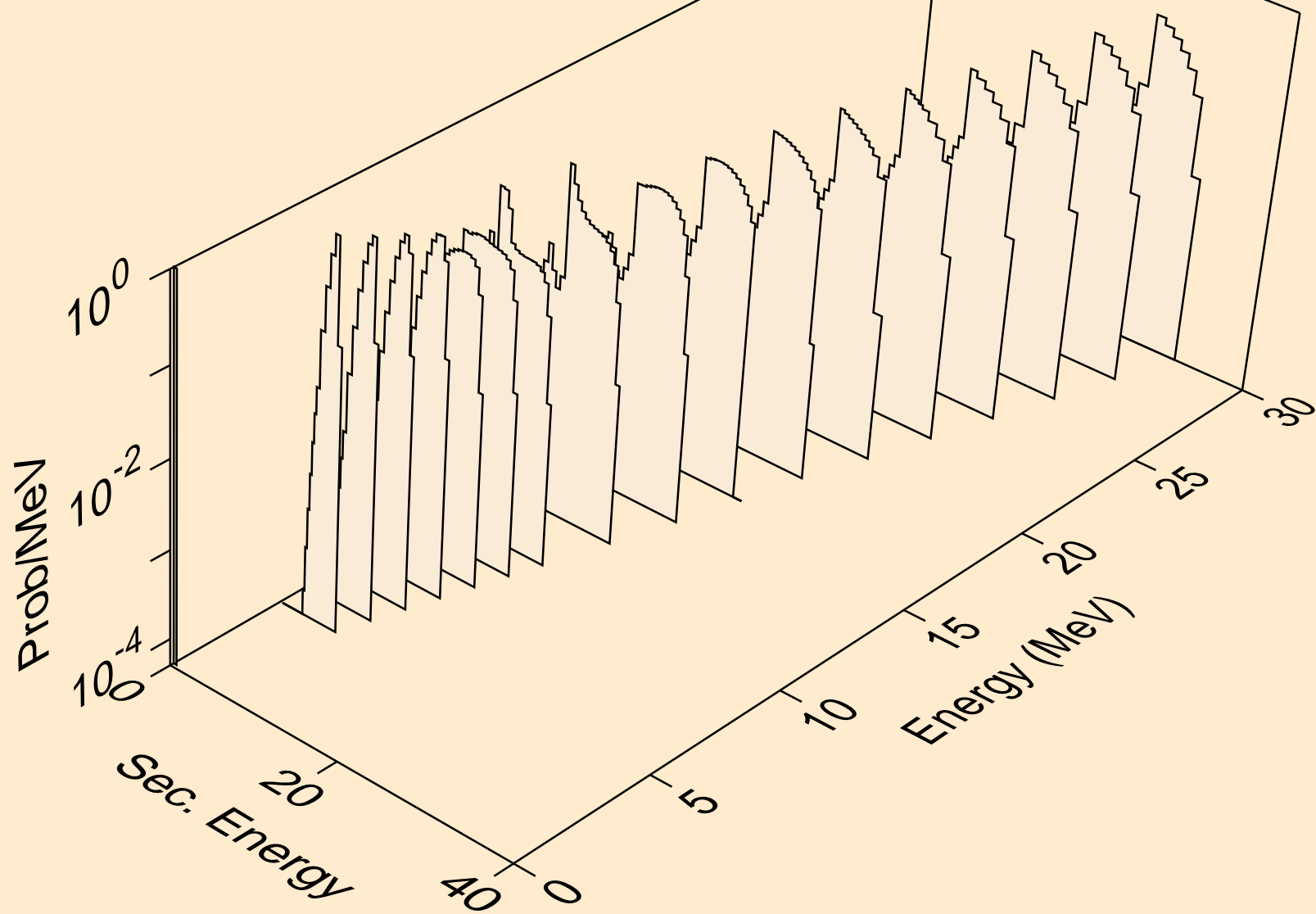
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



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protons from (s,npa)

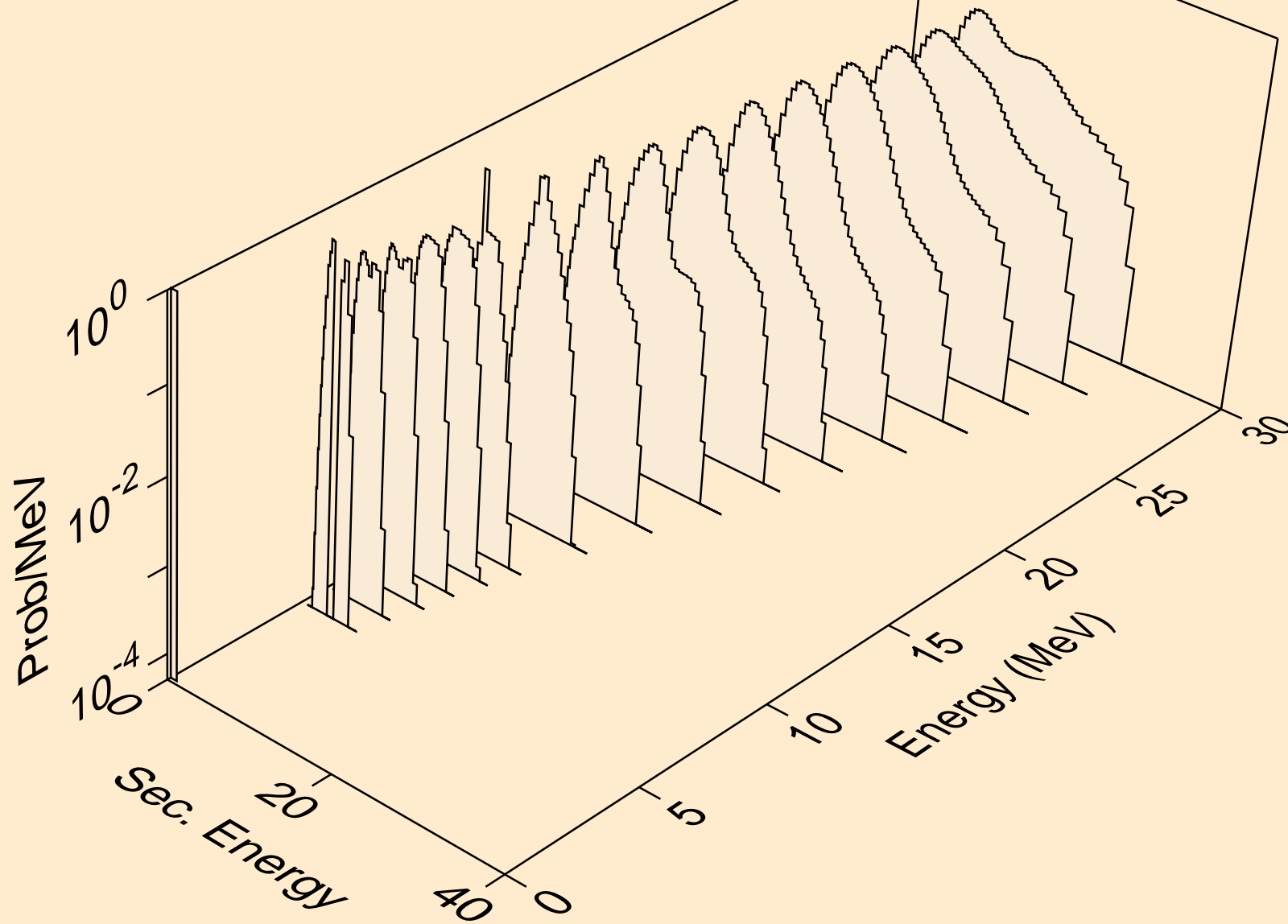


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protons from (s,p)

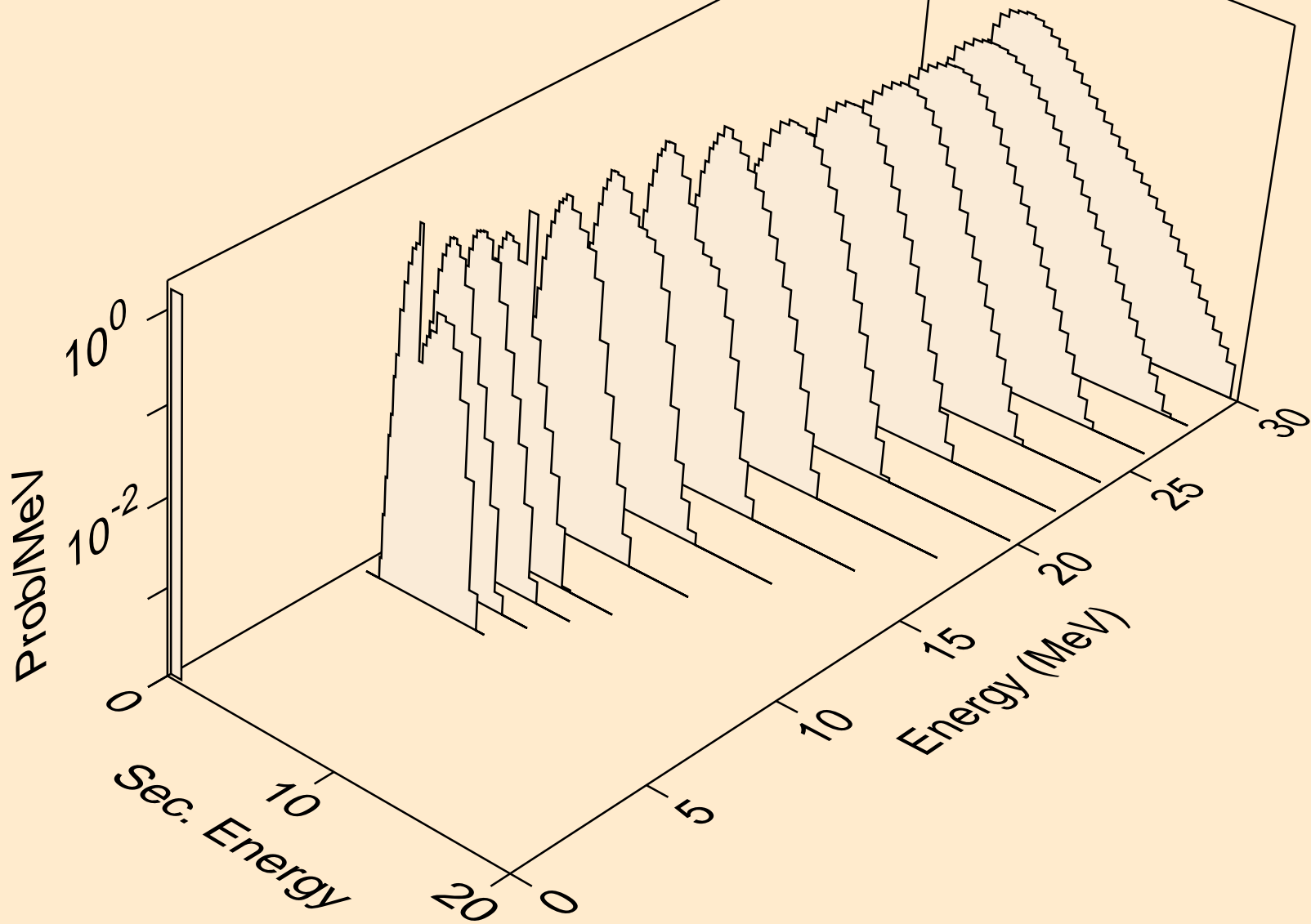




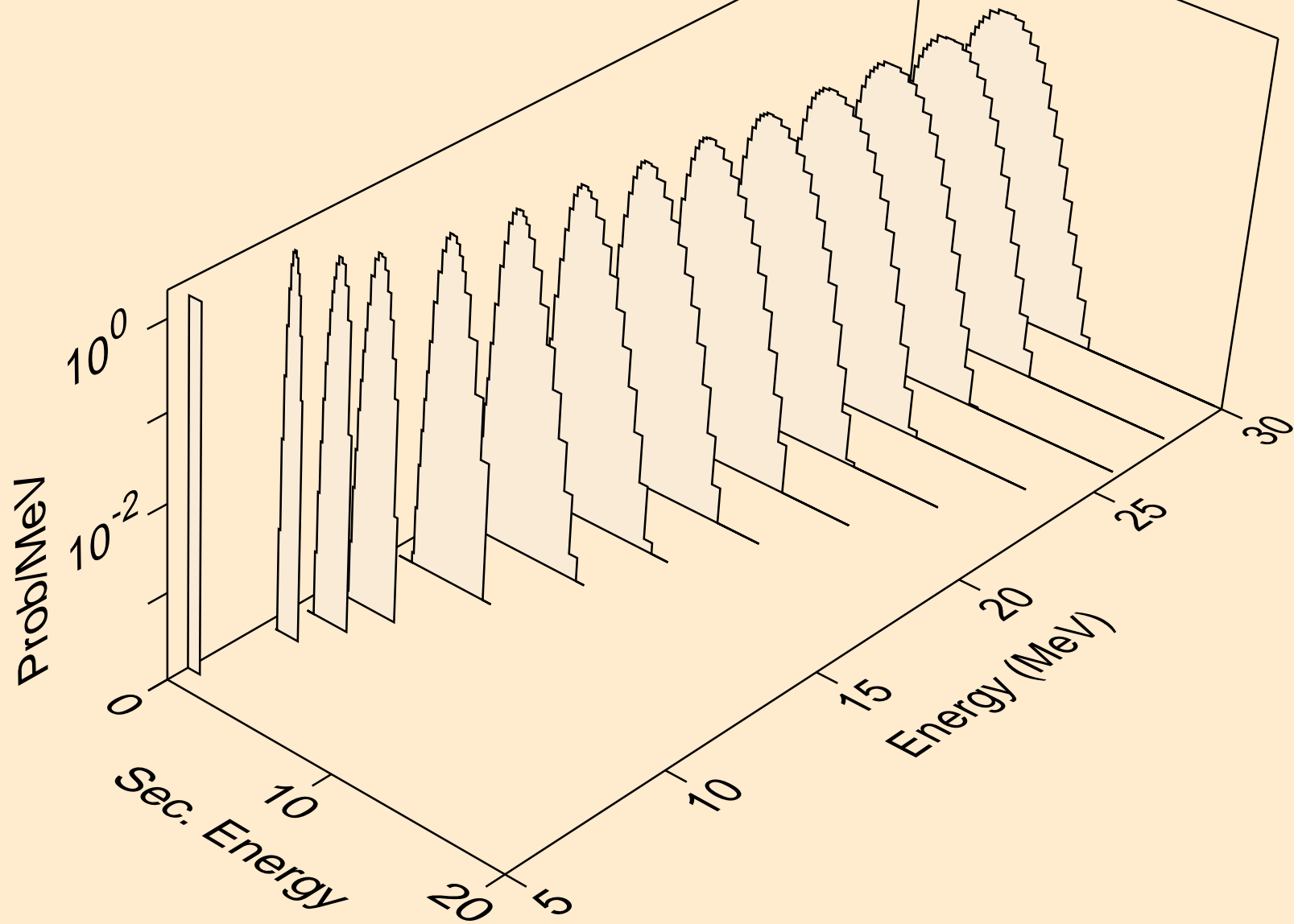
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protons from (s,2p)



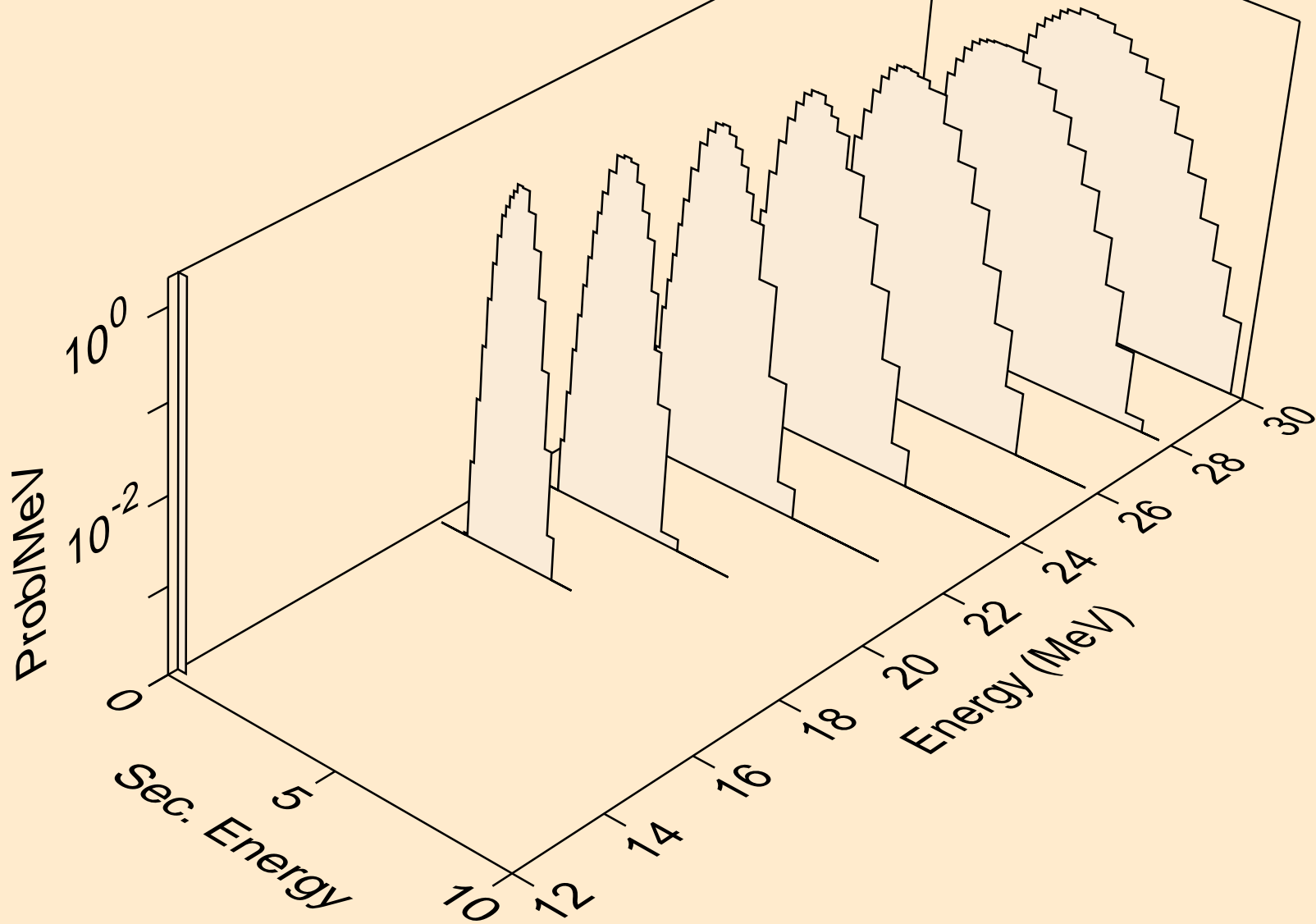
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protons from (s,pa)



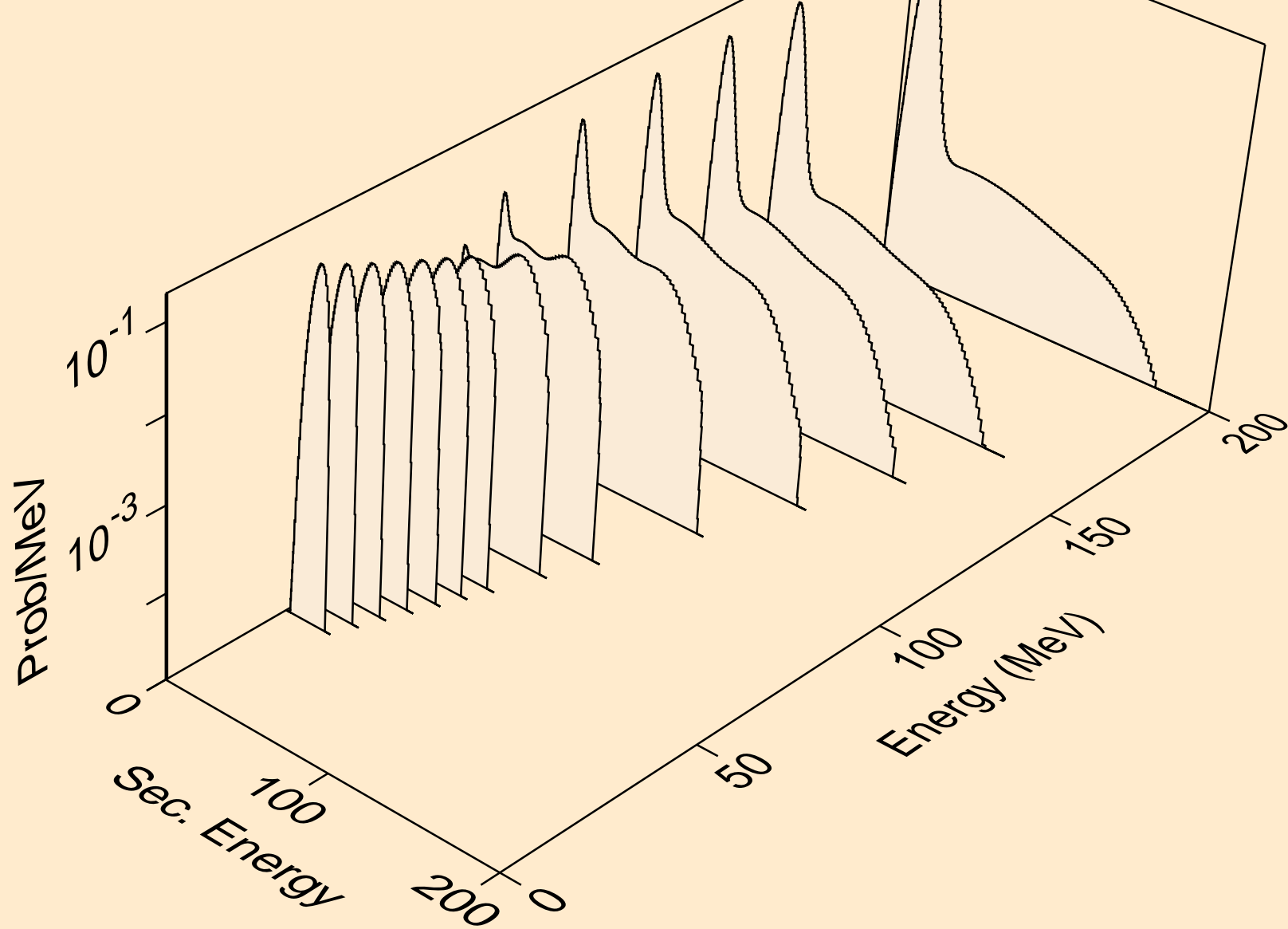
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



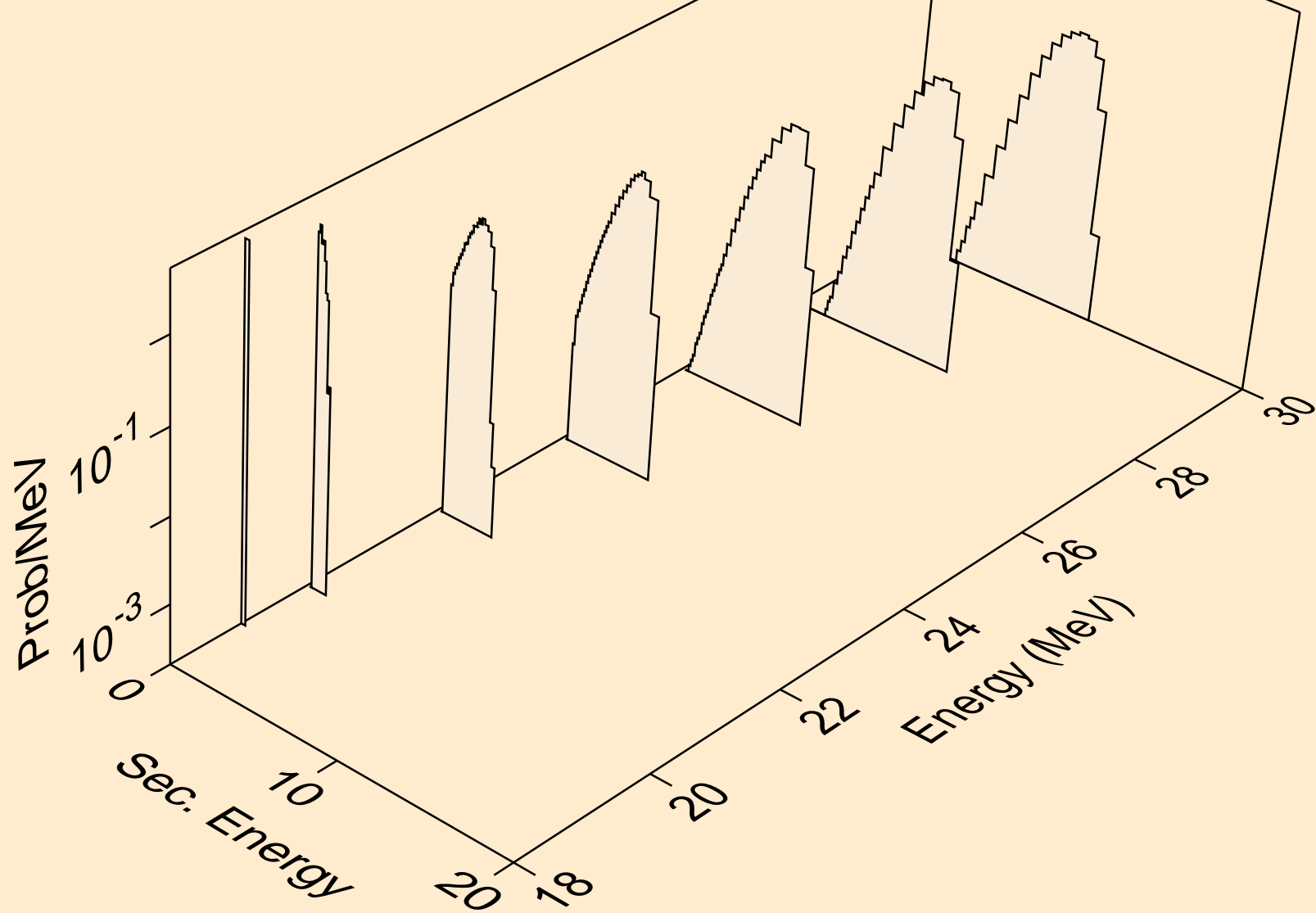
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protons from (s,pt)



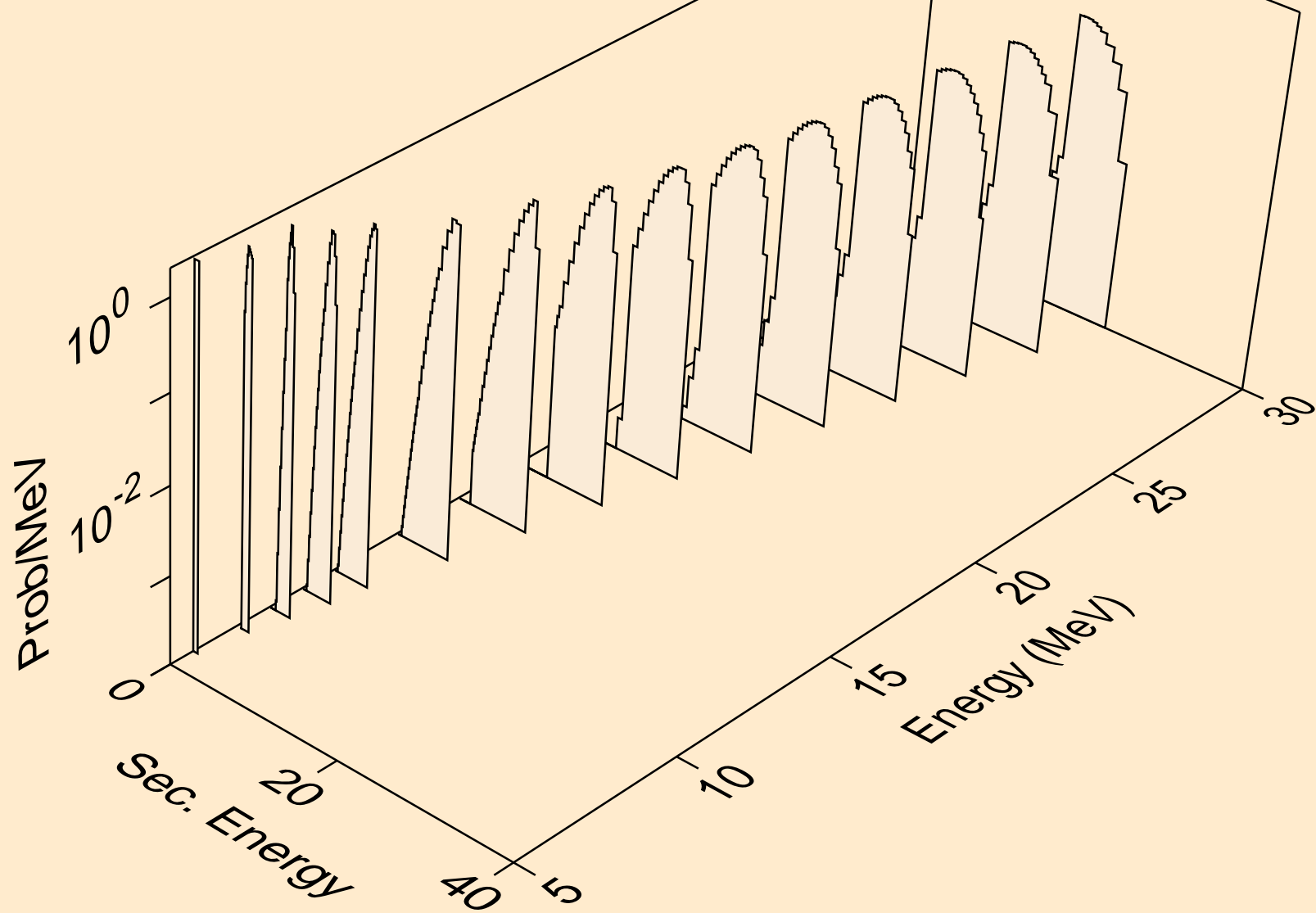
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



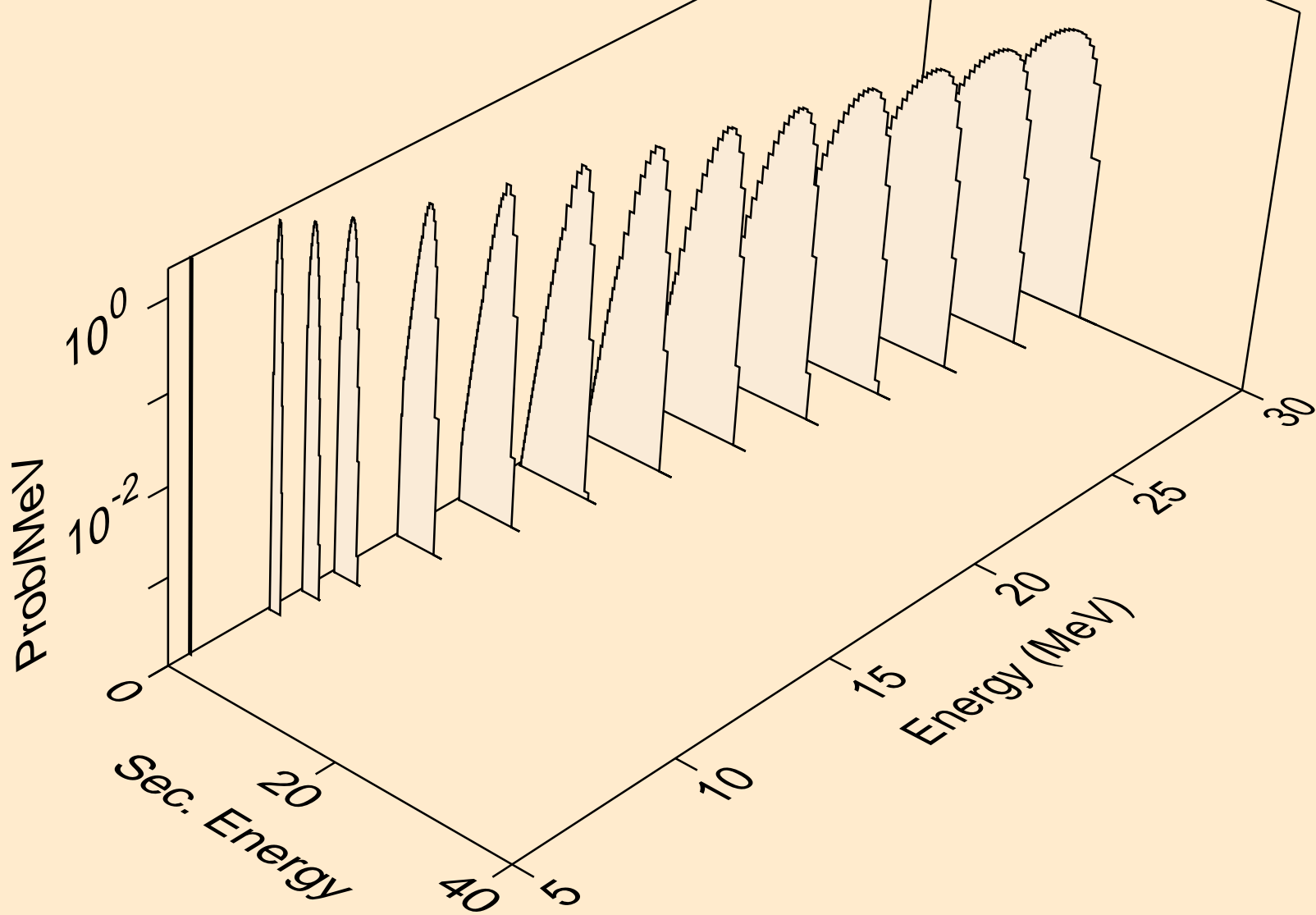
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

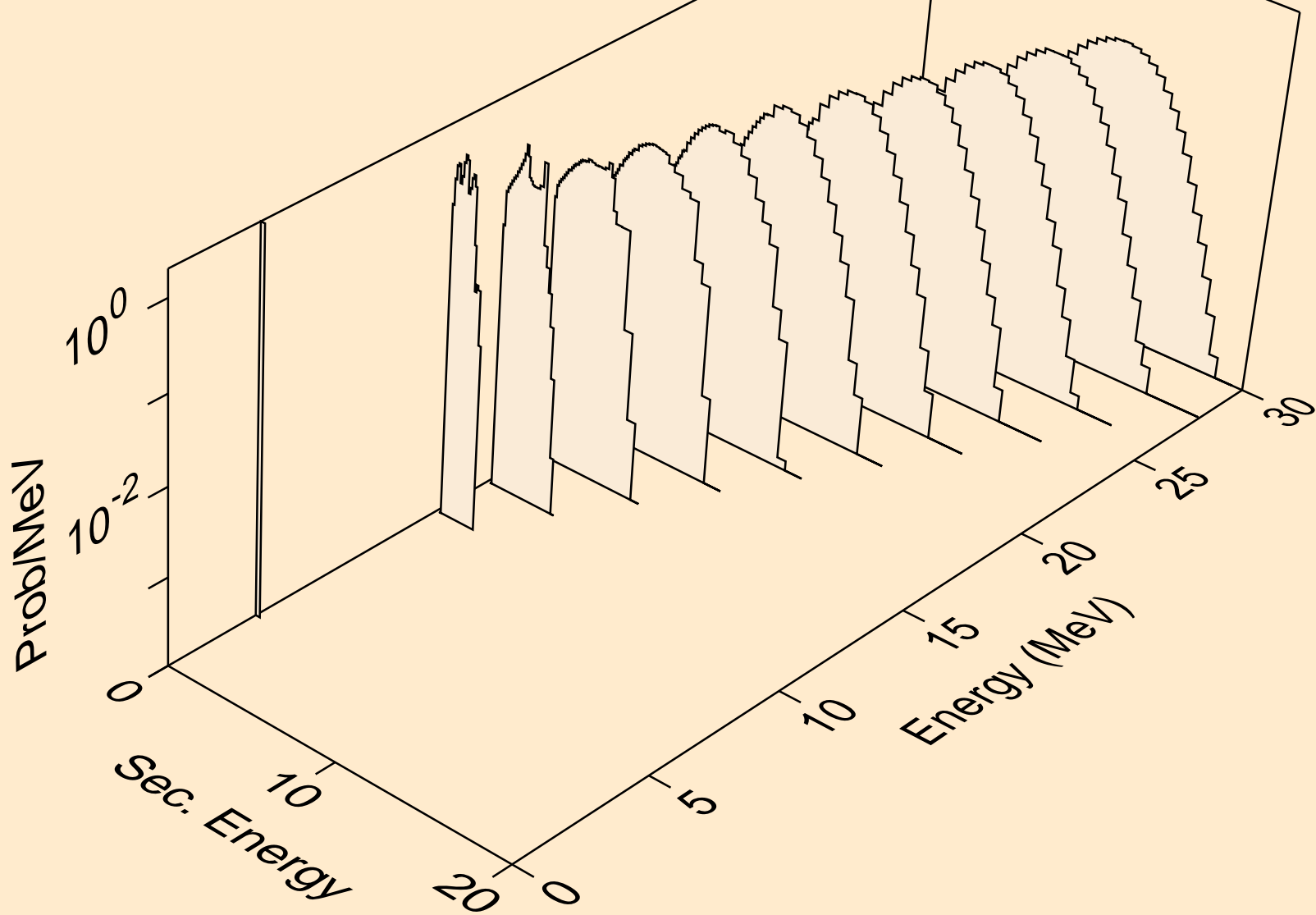


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

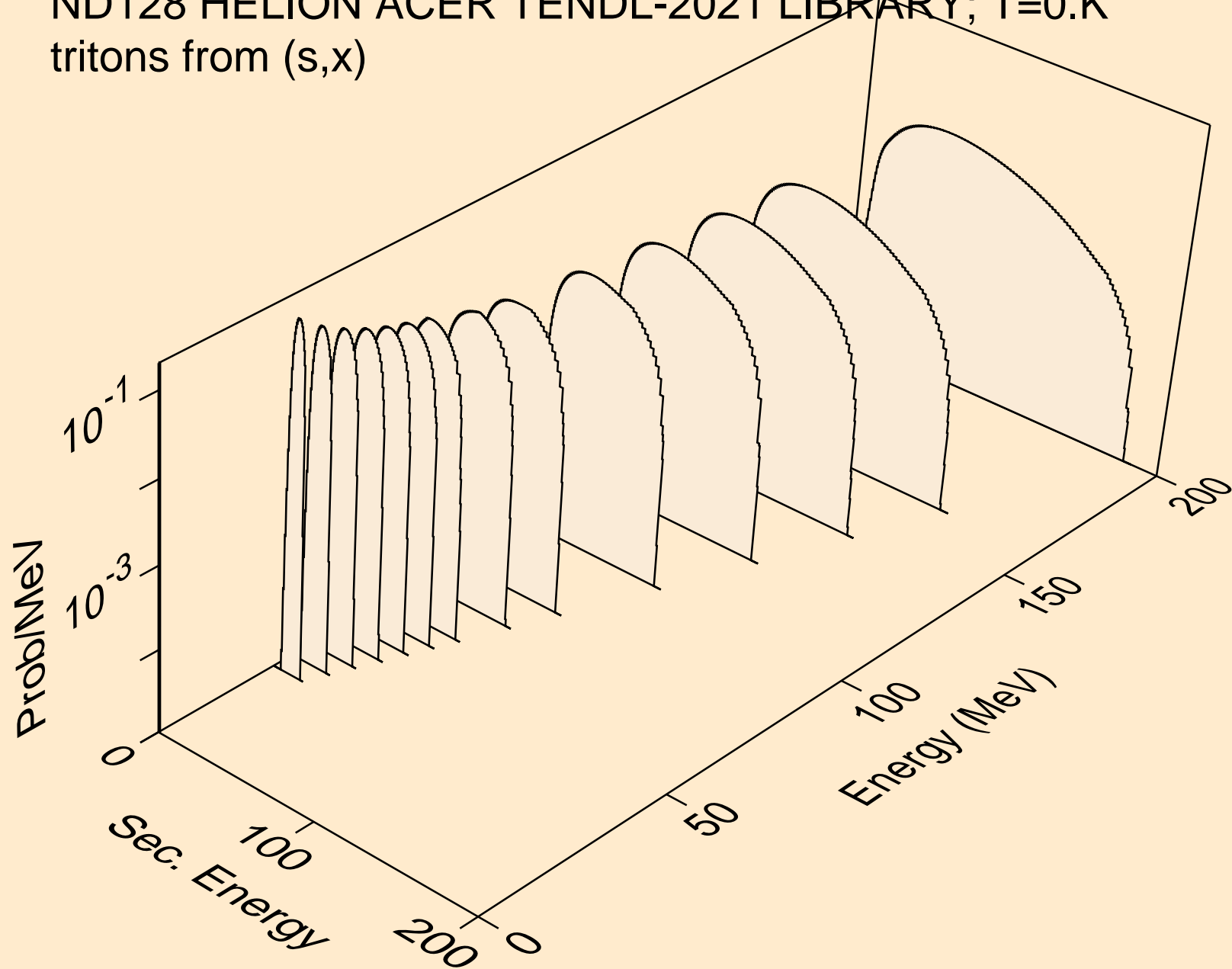




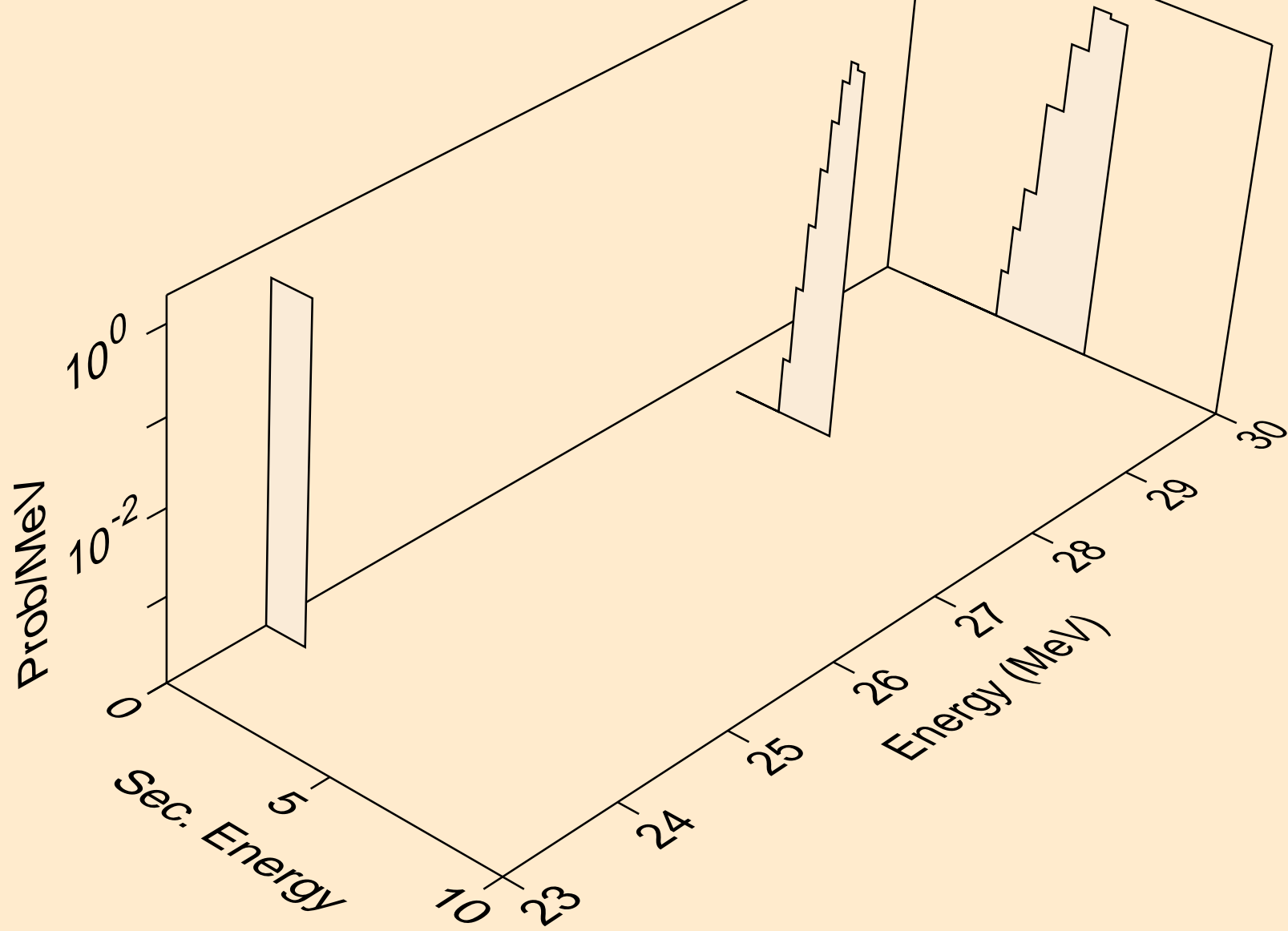
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deuterons from (s,da)



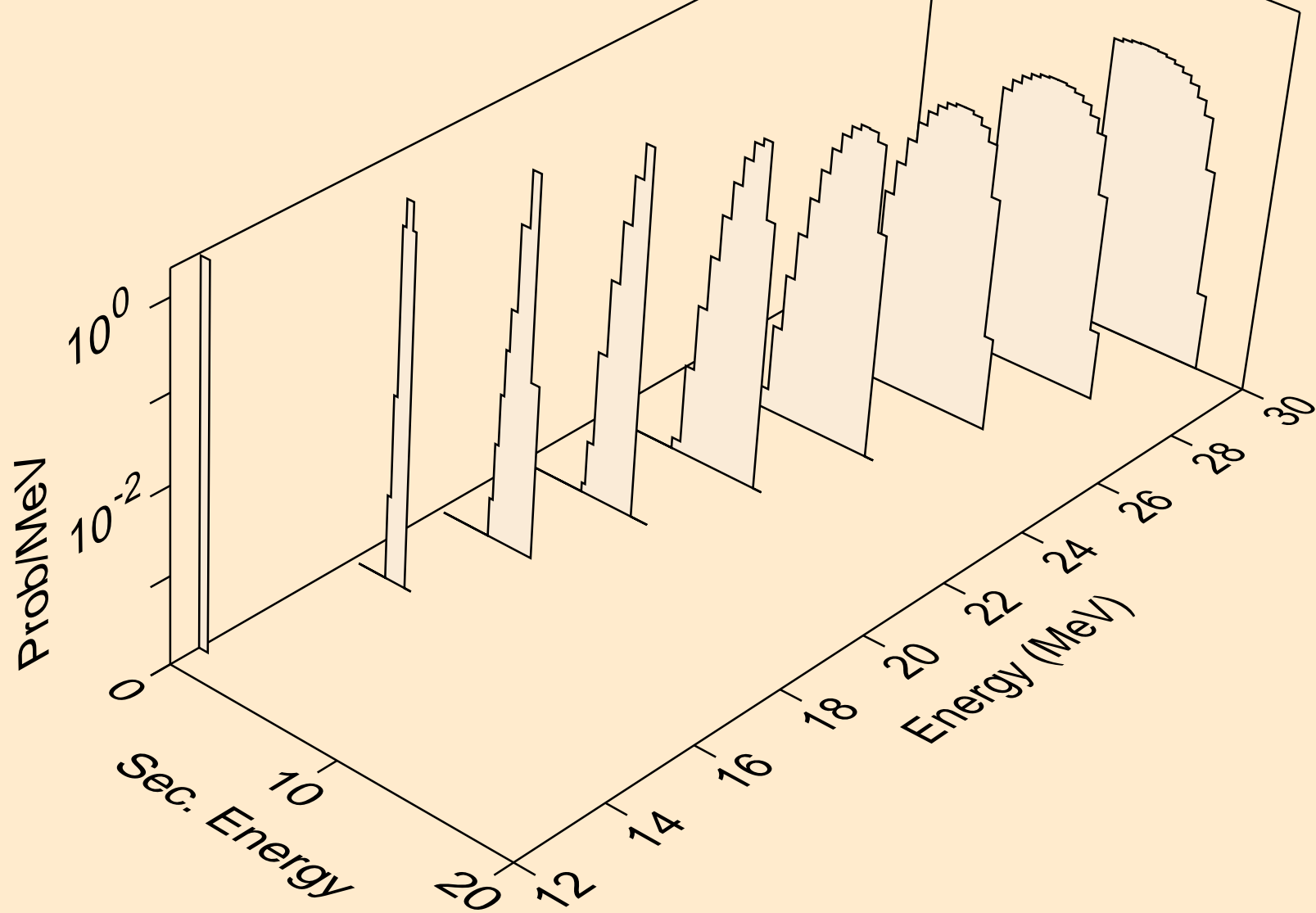
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tritons from (s,x)



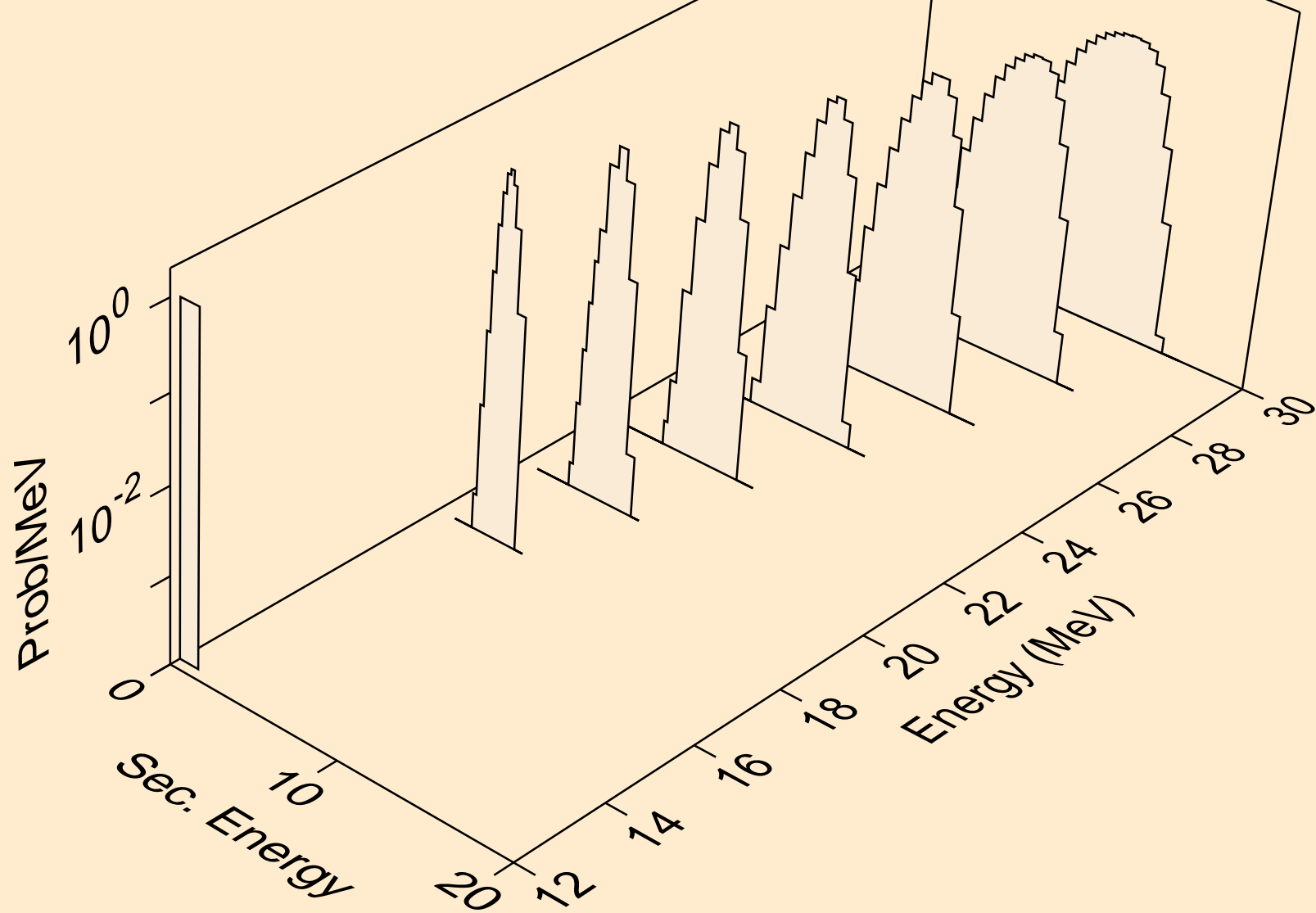
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tritons from (s,n\*)t



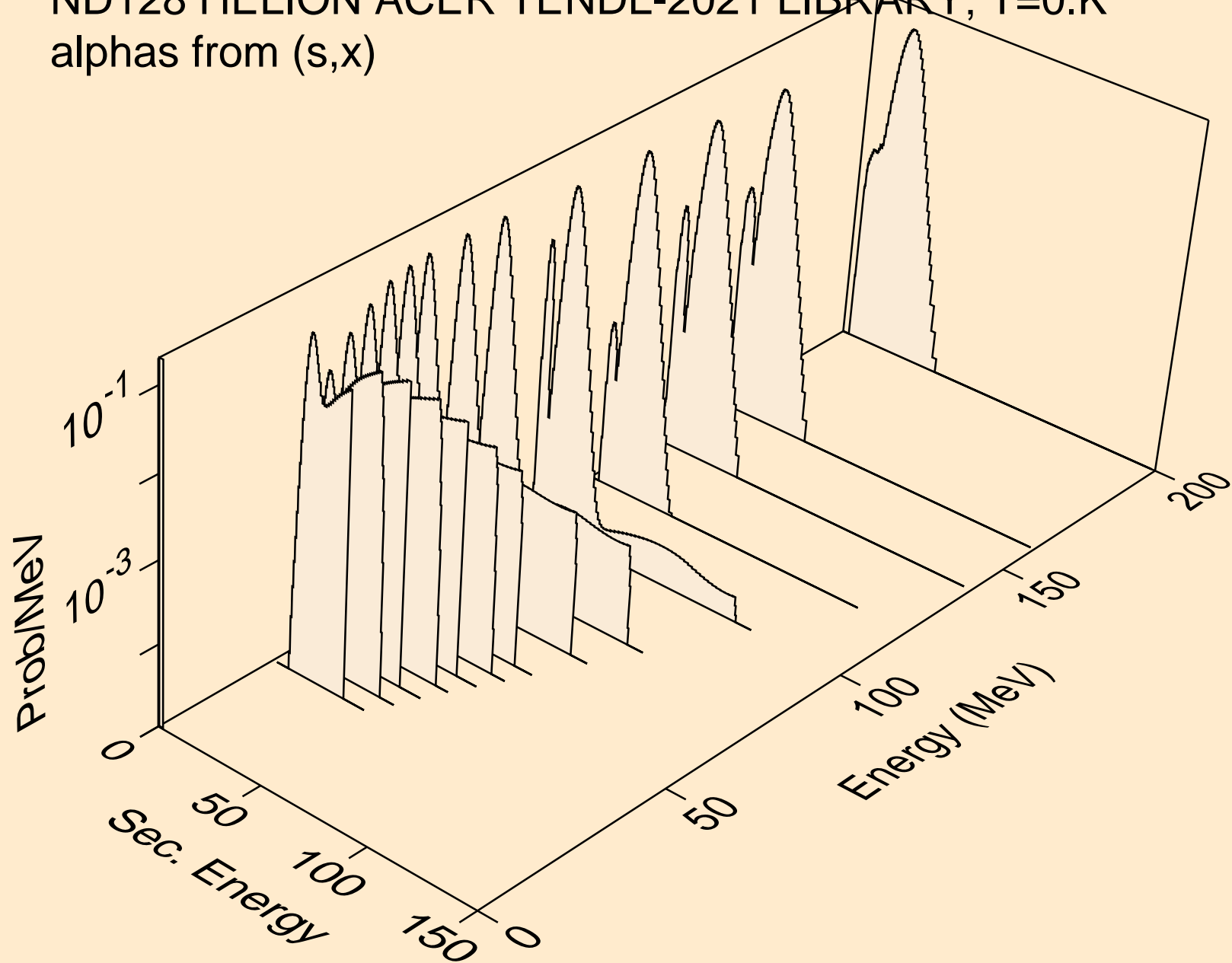
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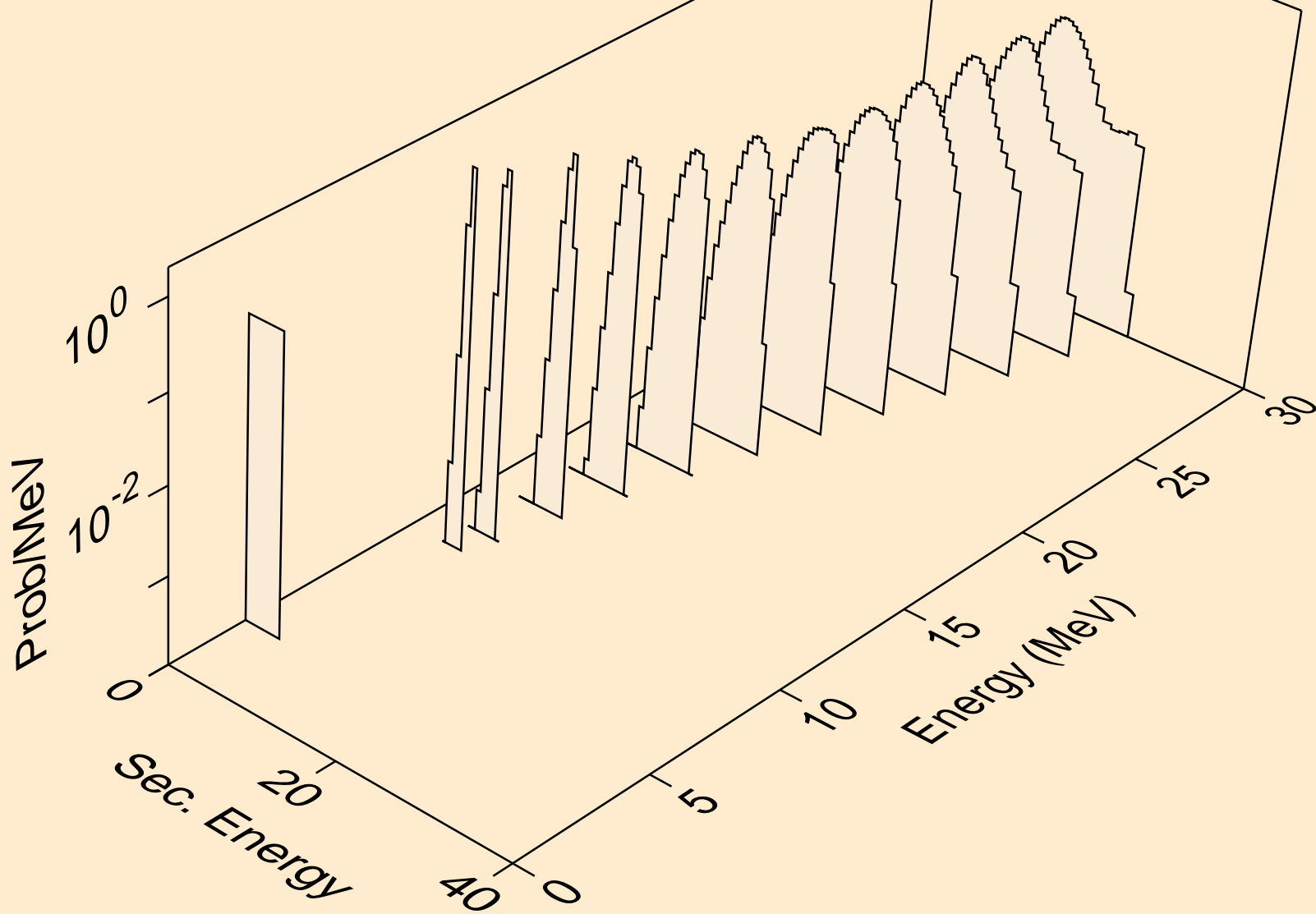
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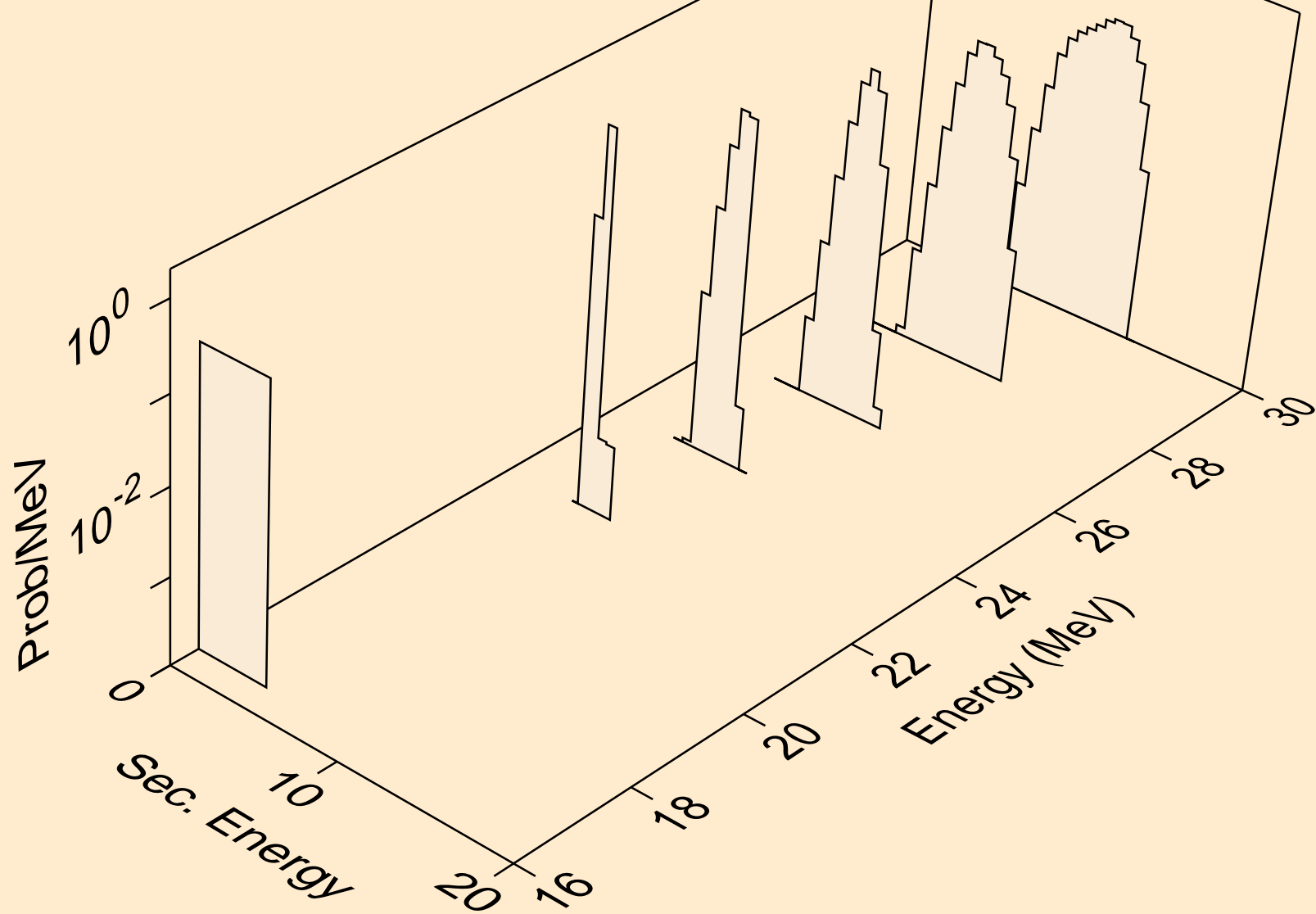
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

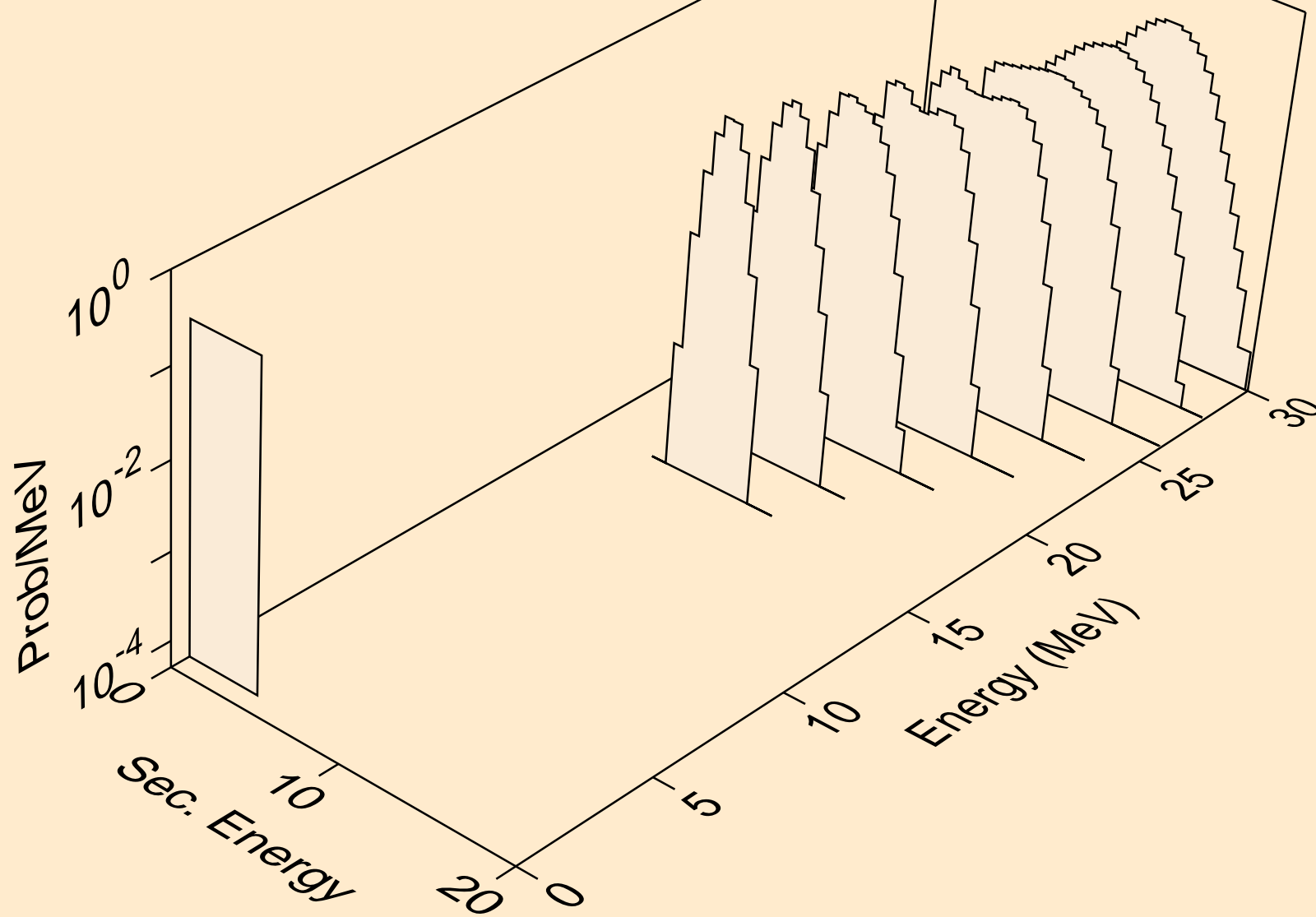


ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

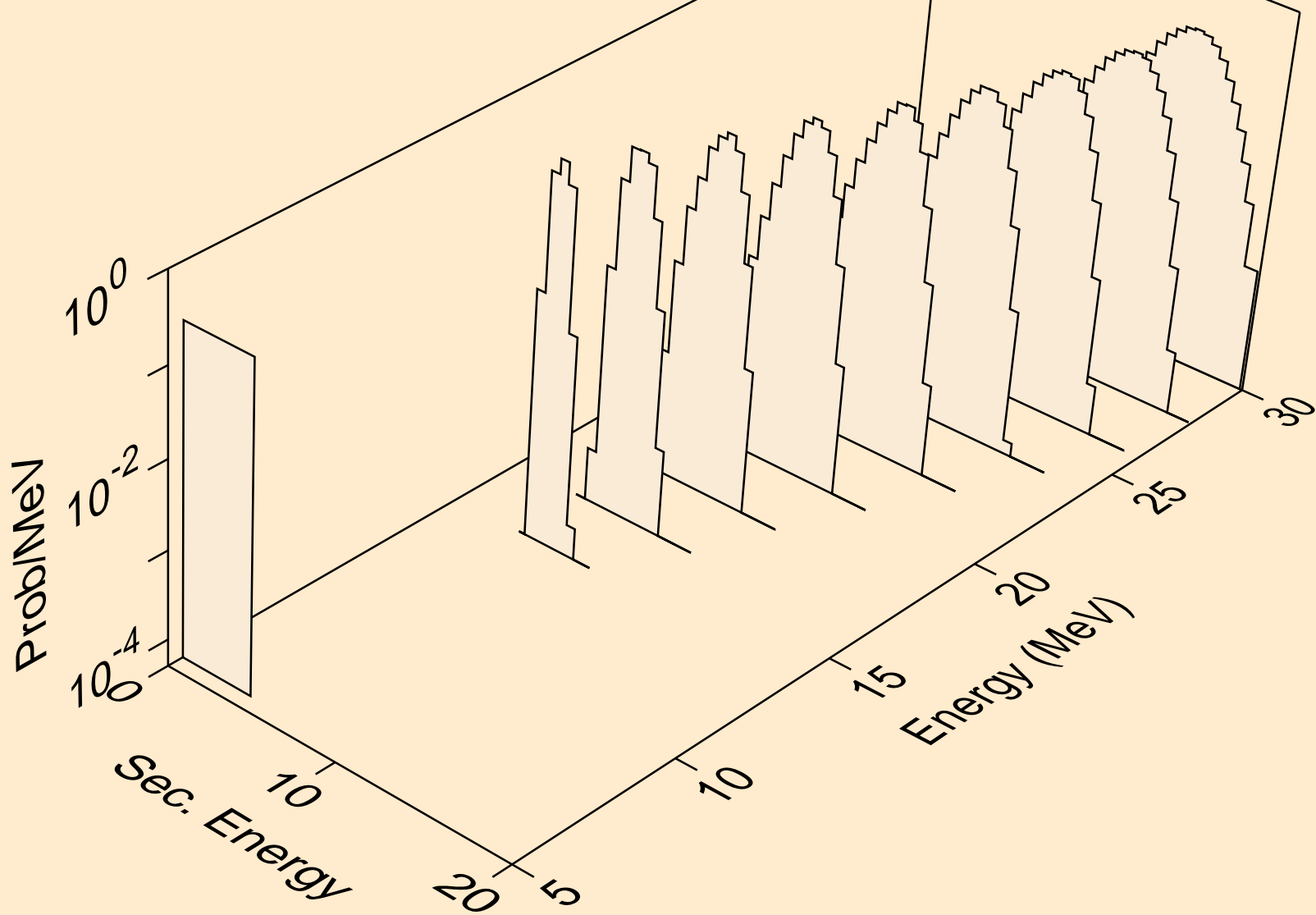




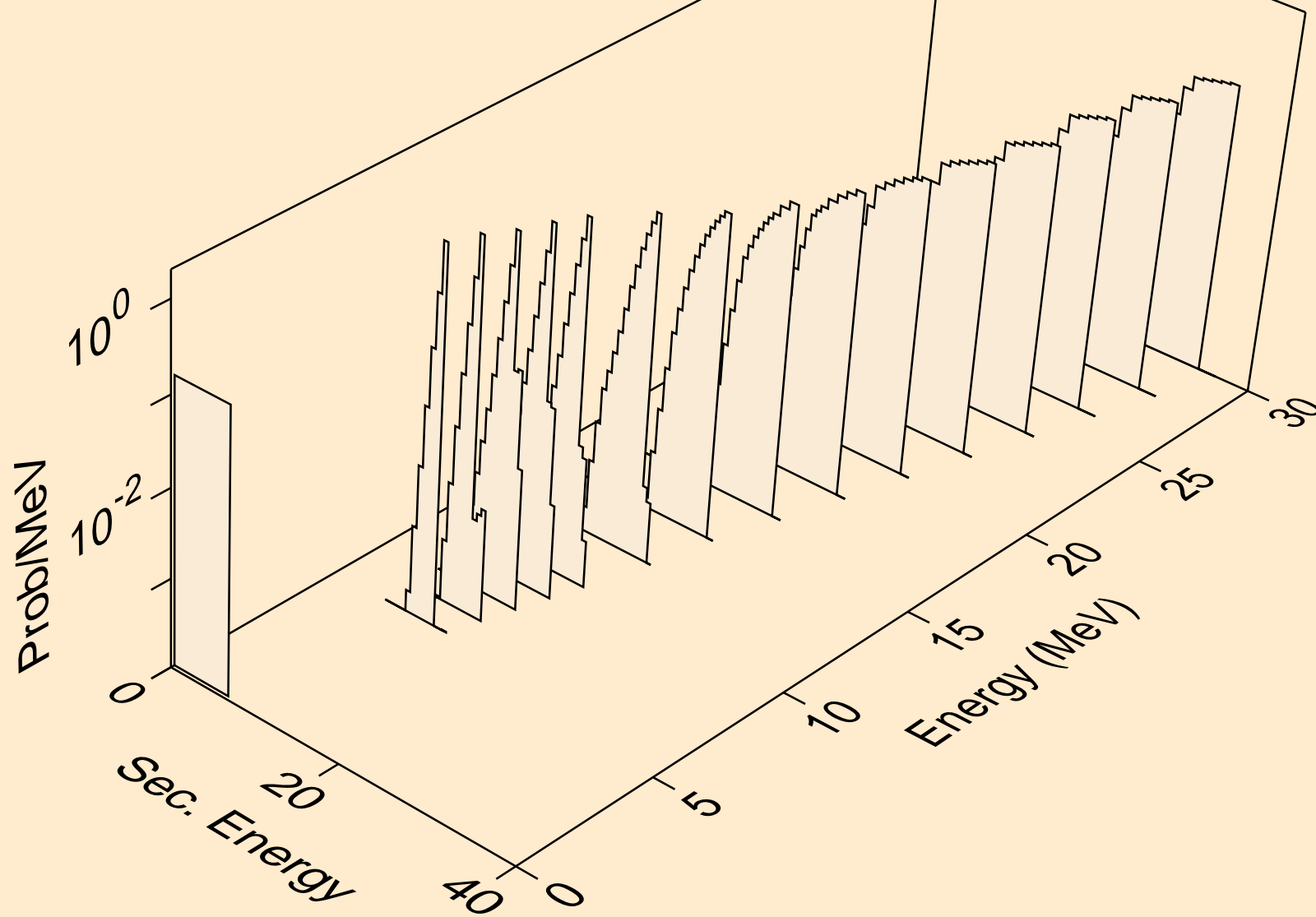
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



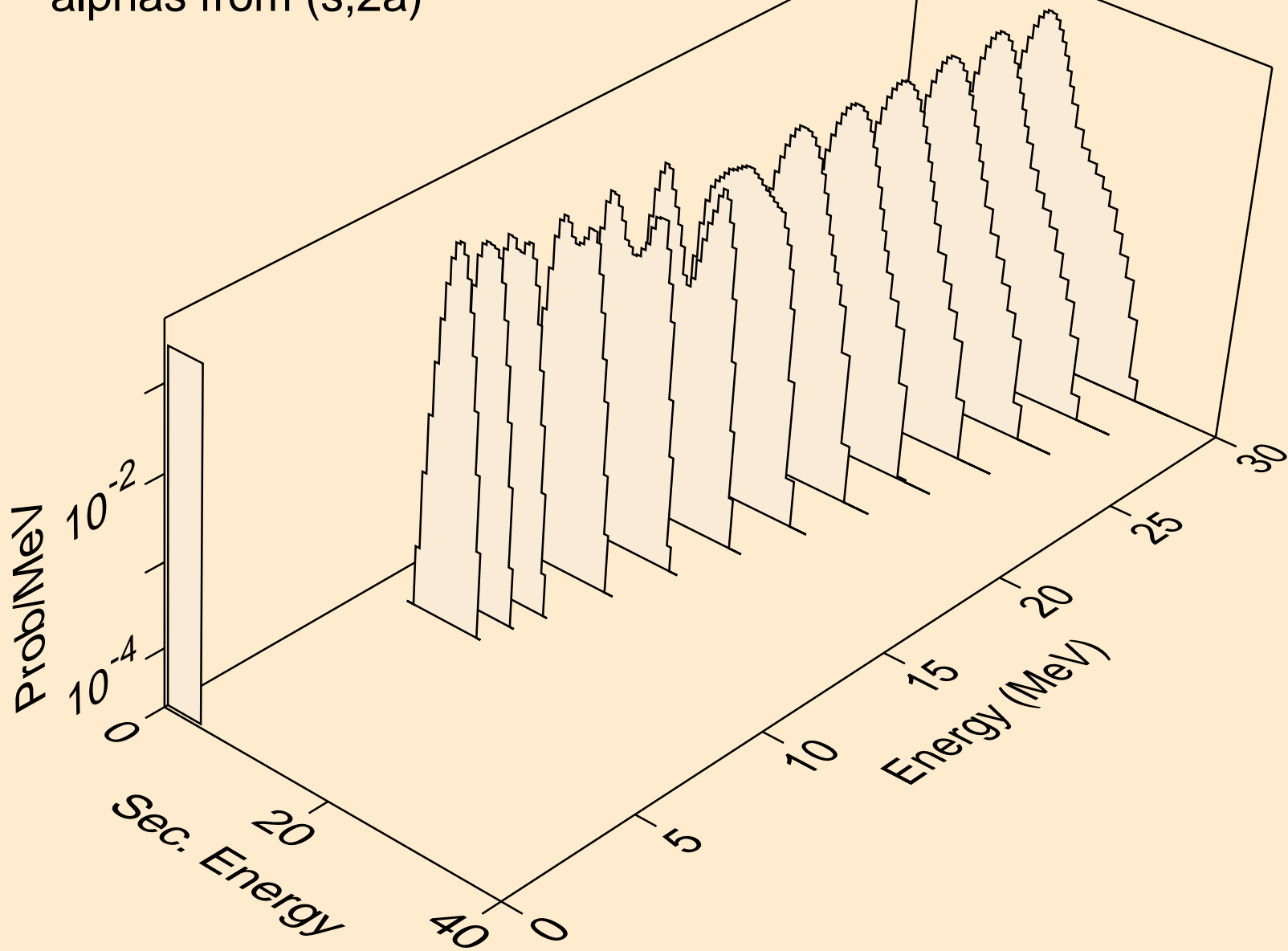
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alphas from (s,npa)



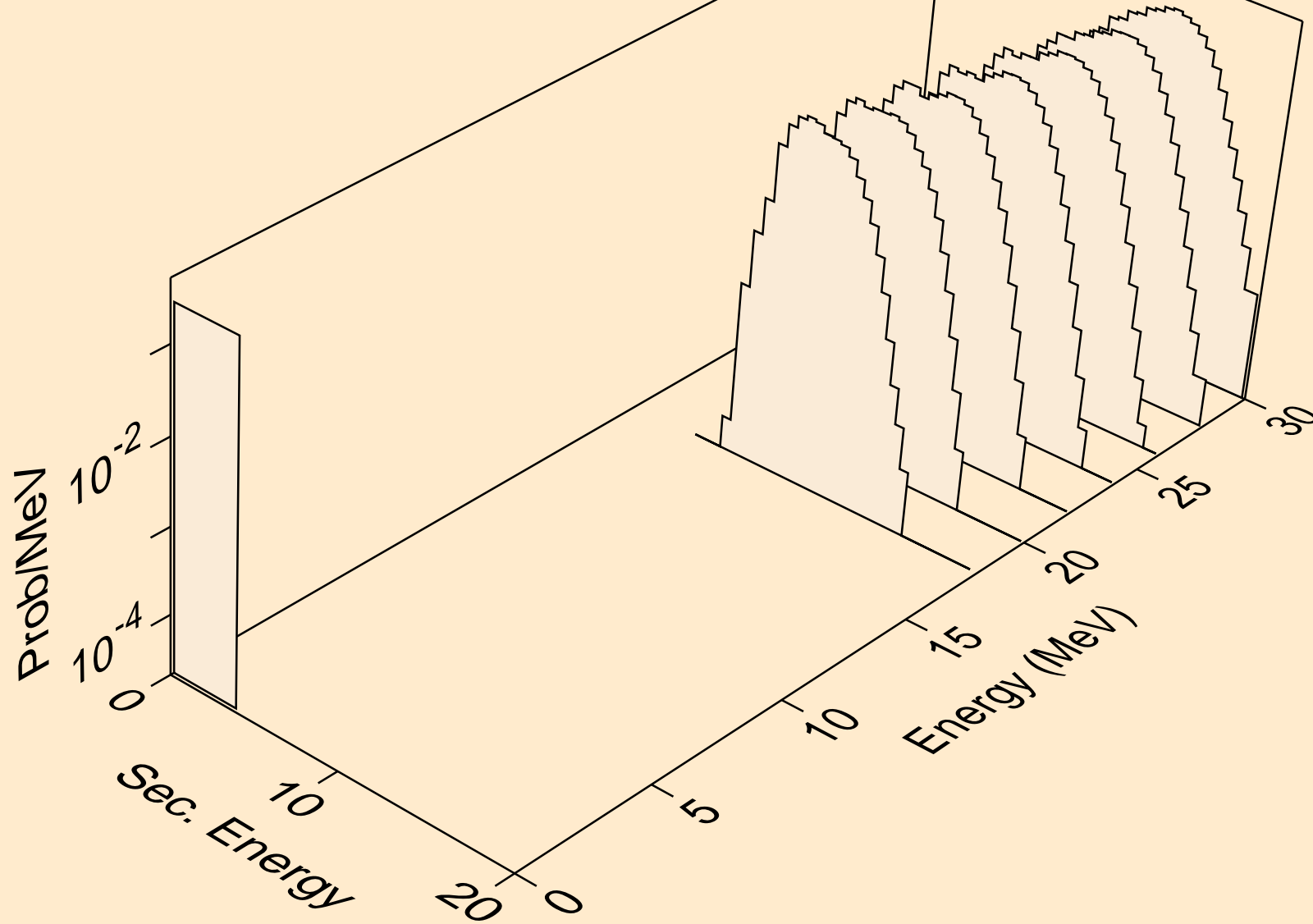
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alphas from (s,a)



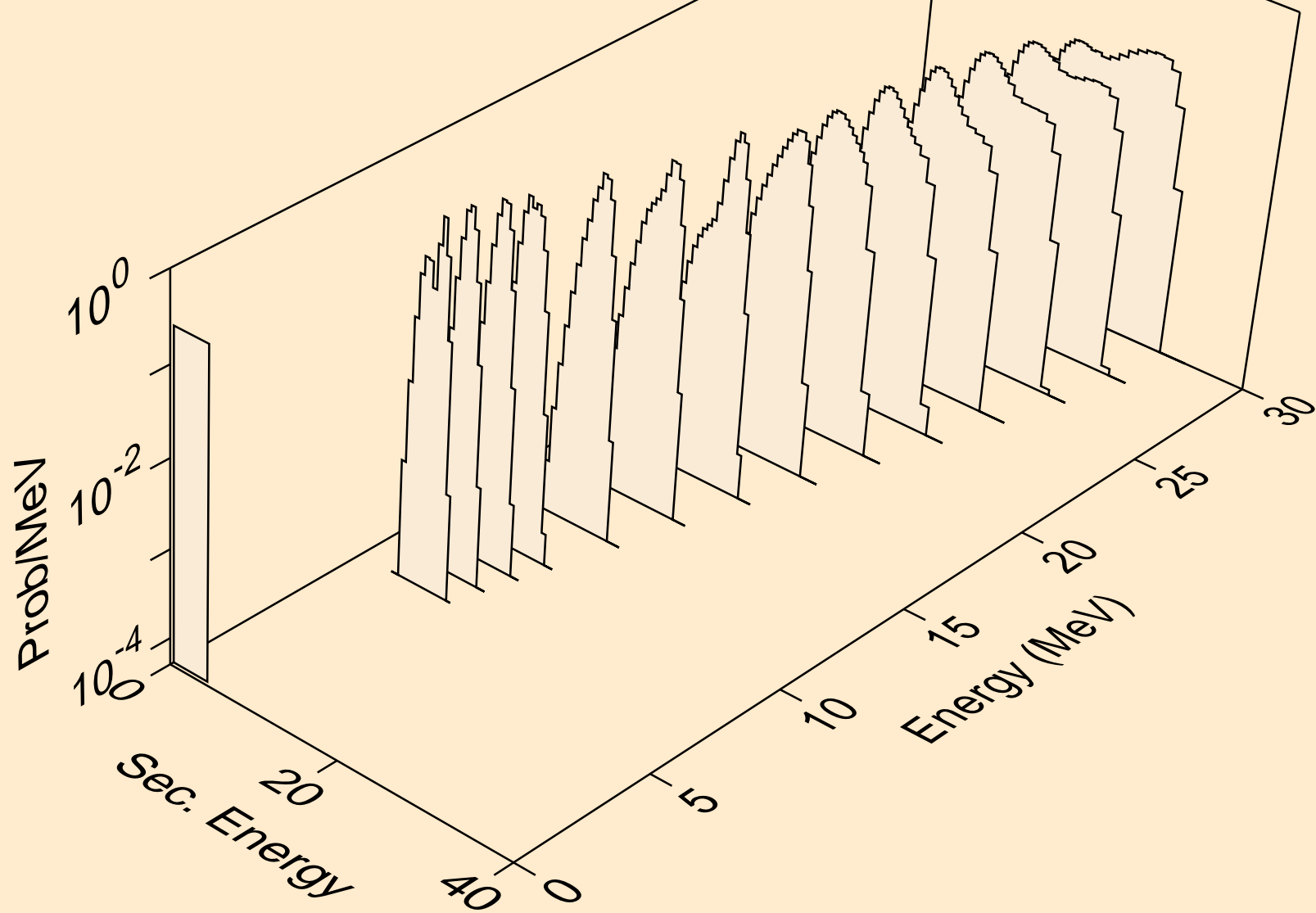
ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



ND128 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

