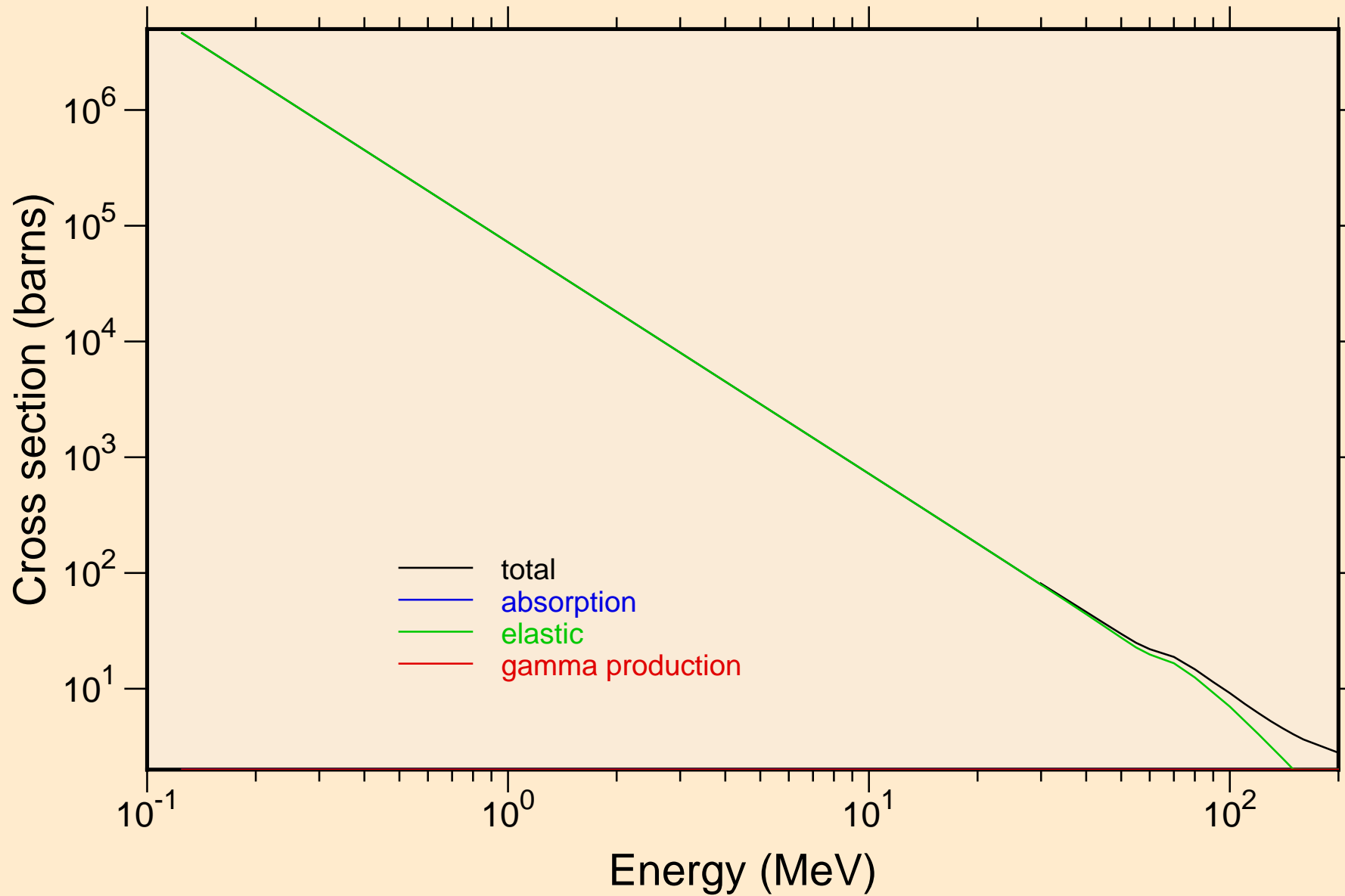


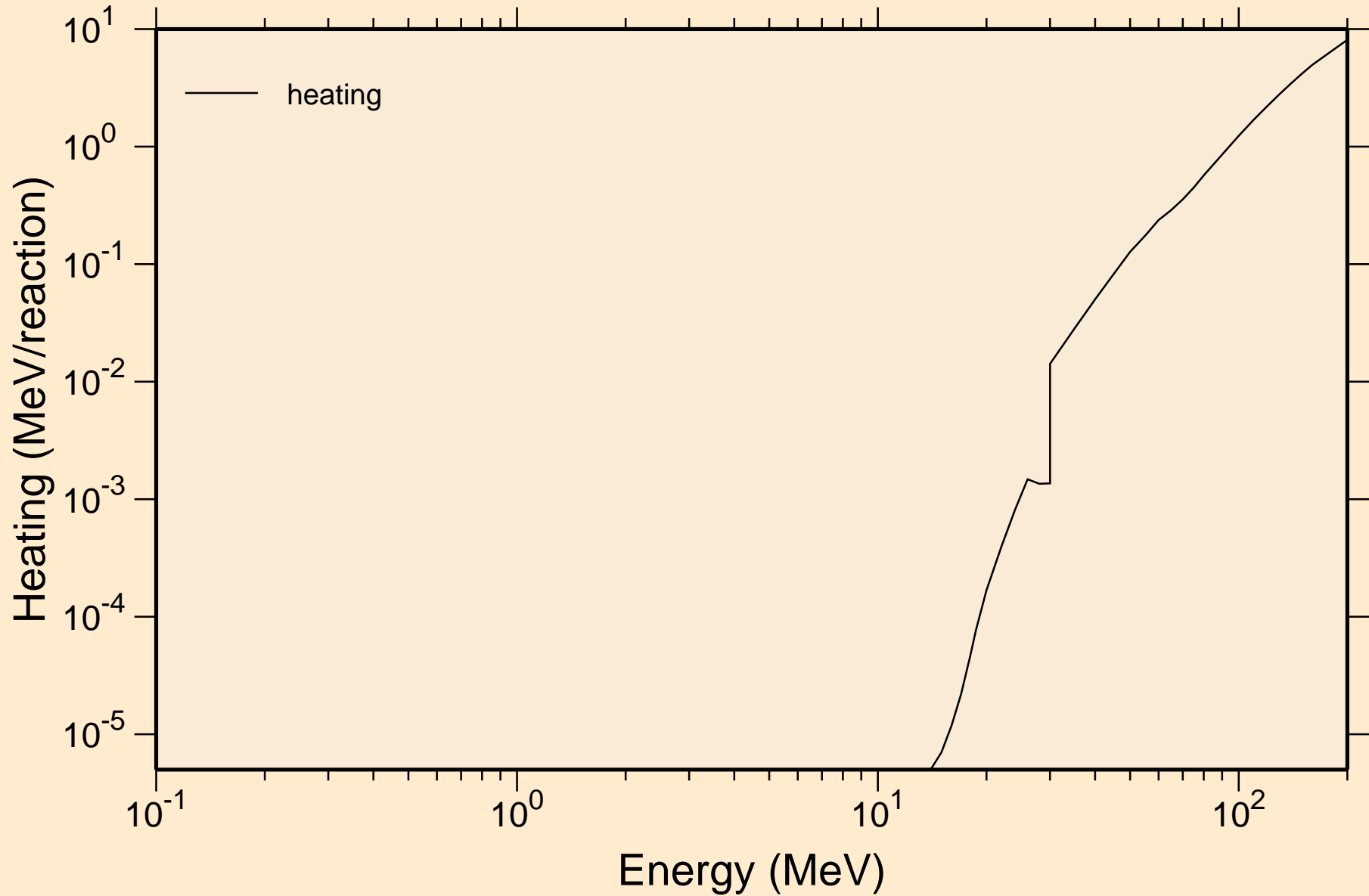
# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



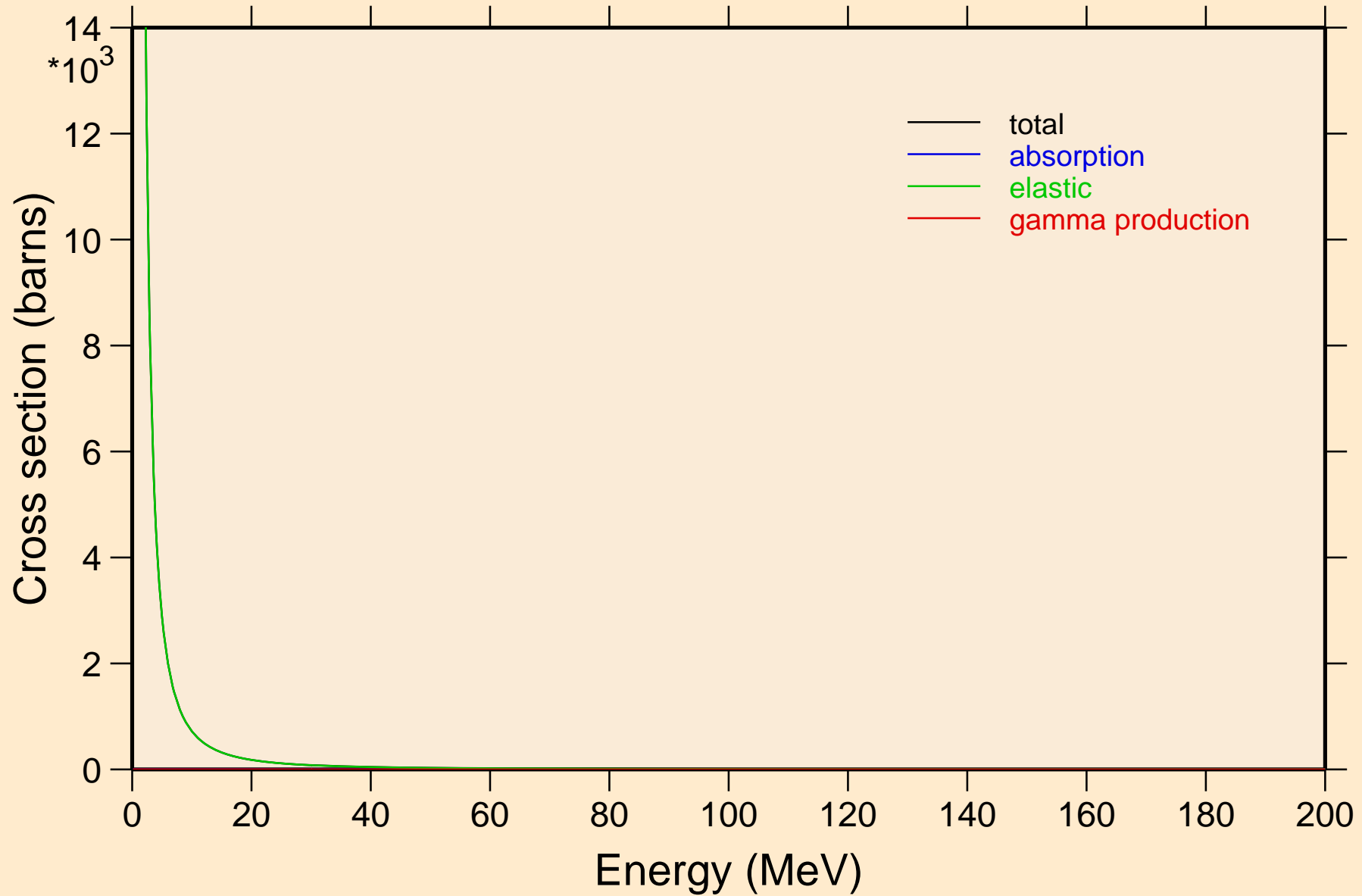
# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



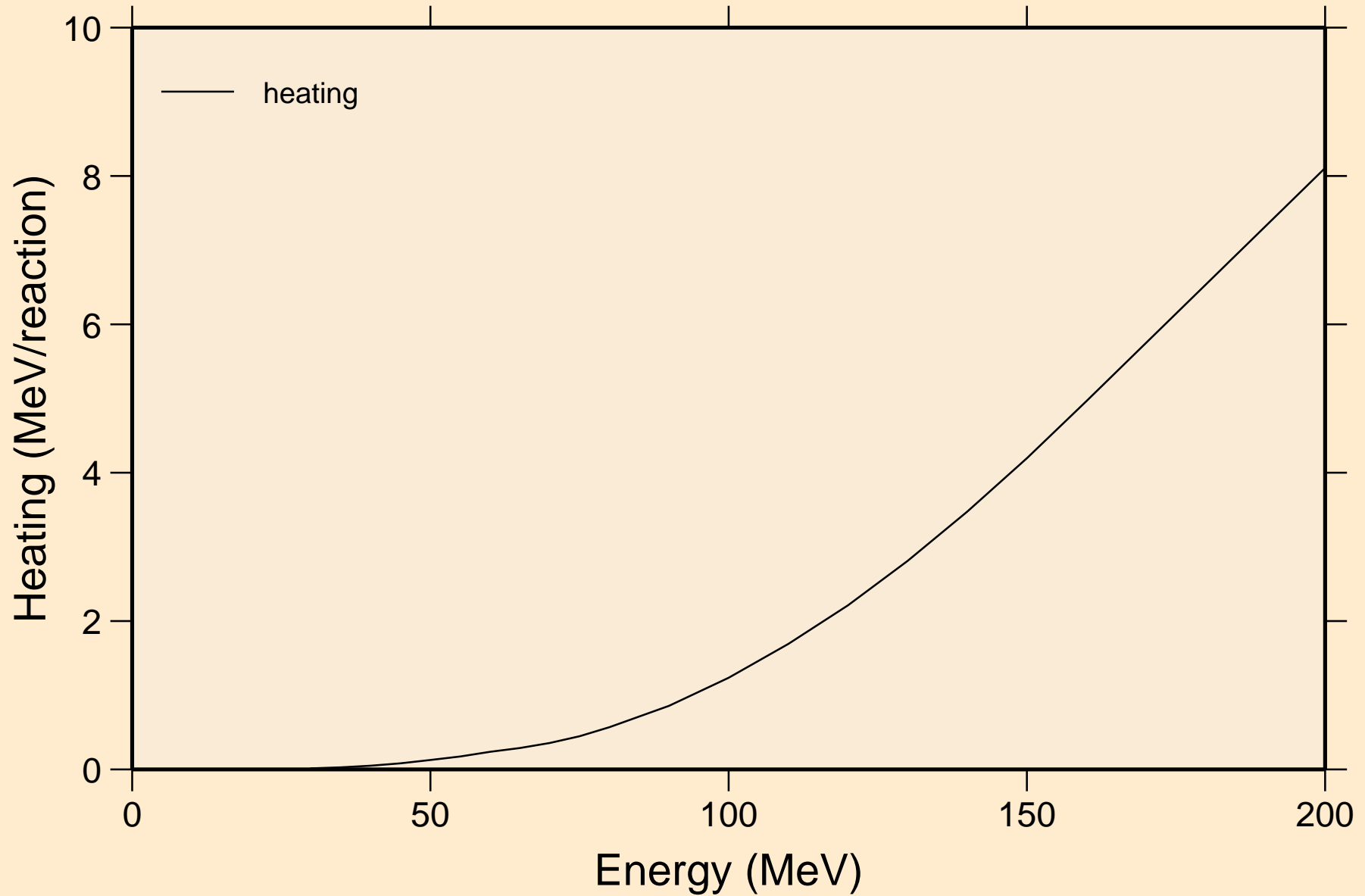
# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



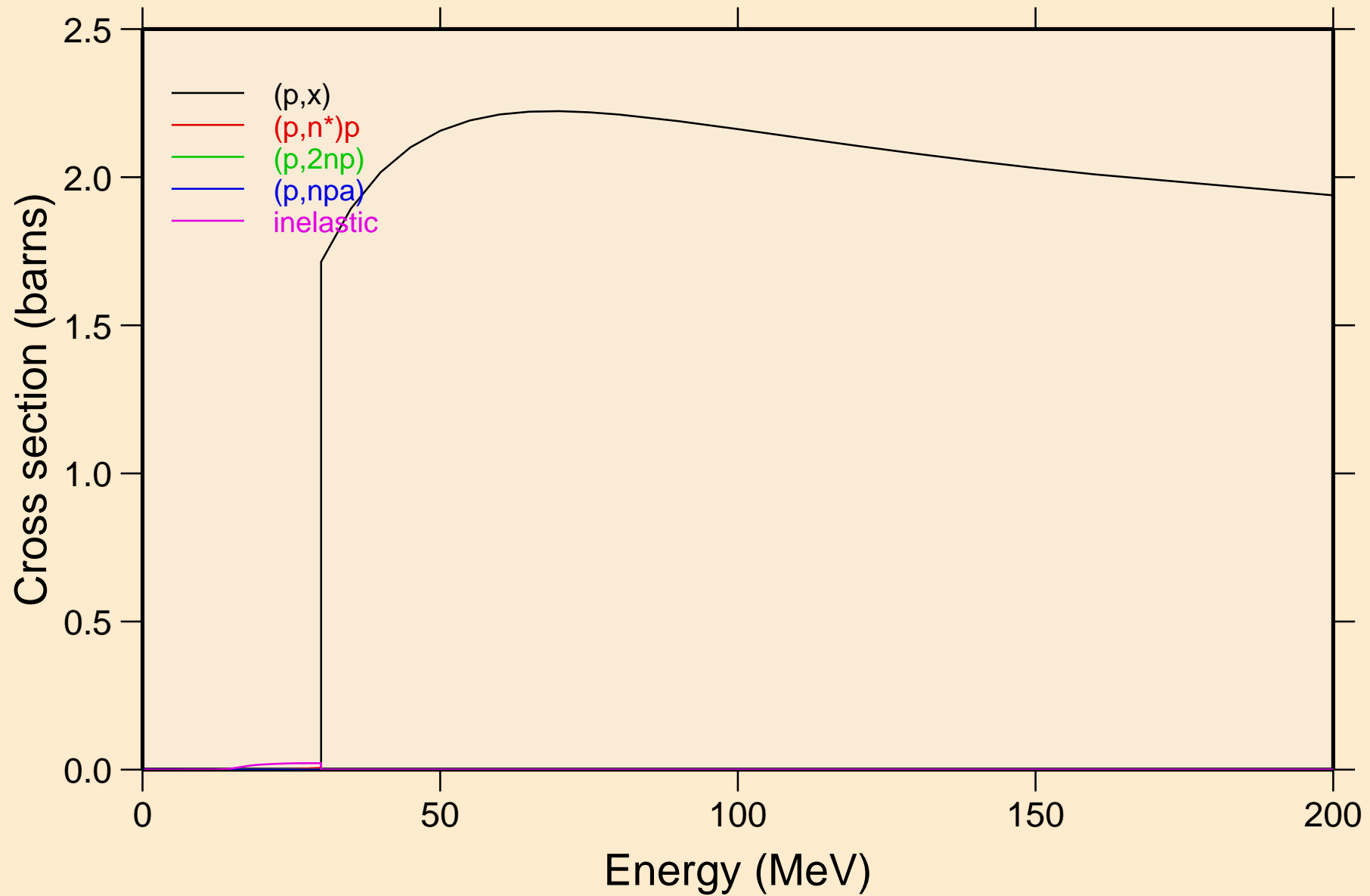
# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



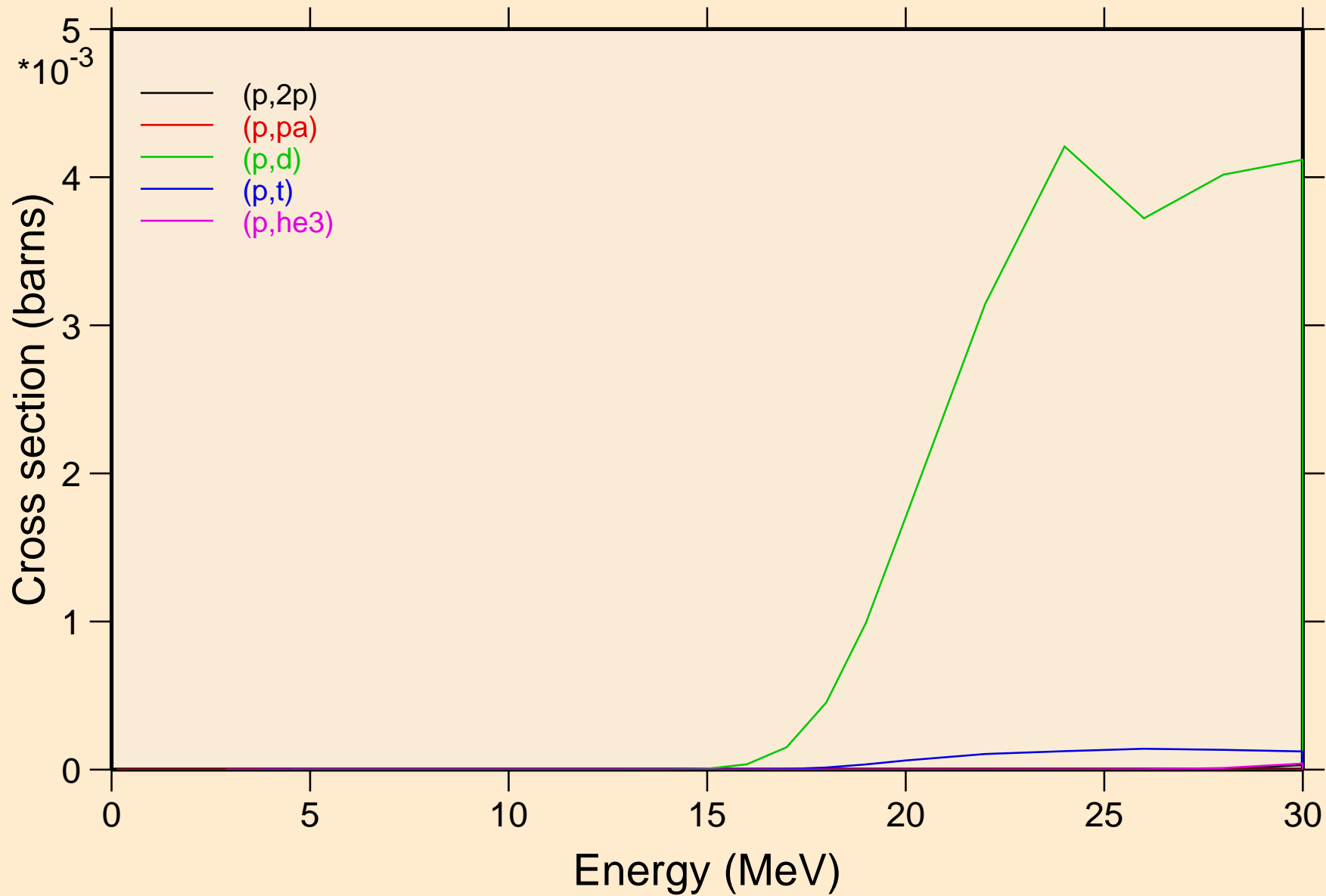
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## Threshold reactions

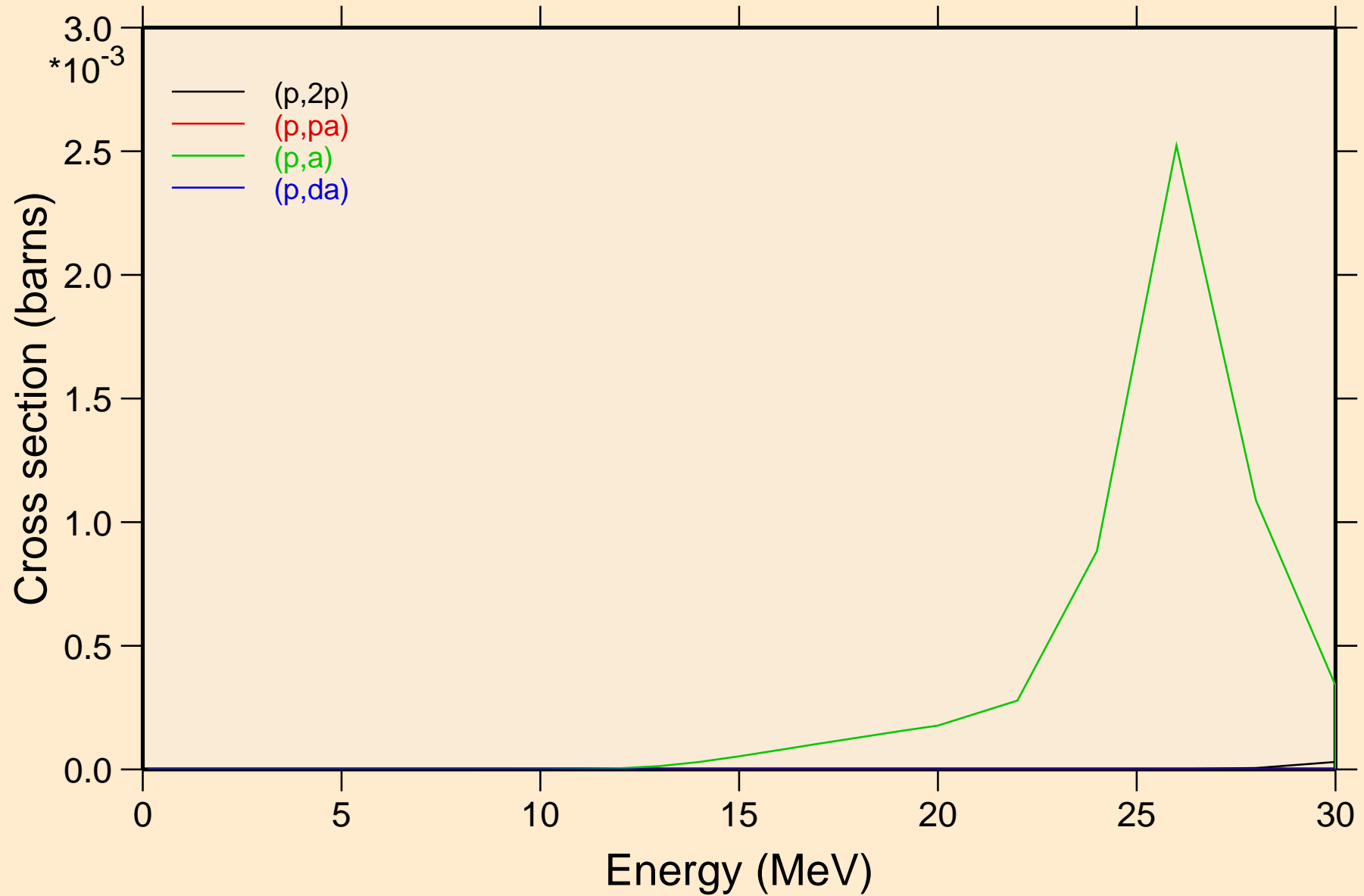


# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

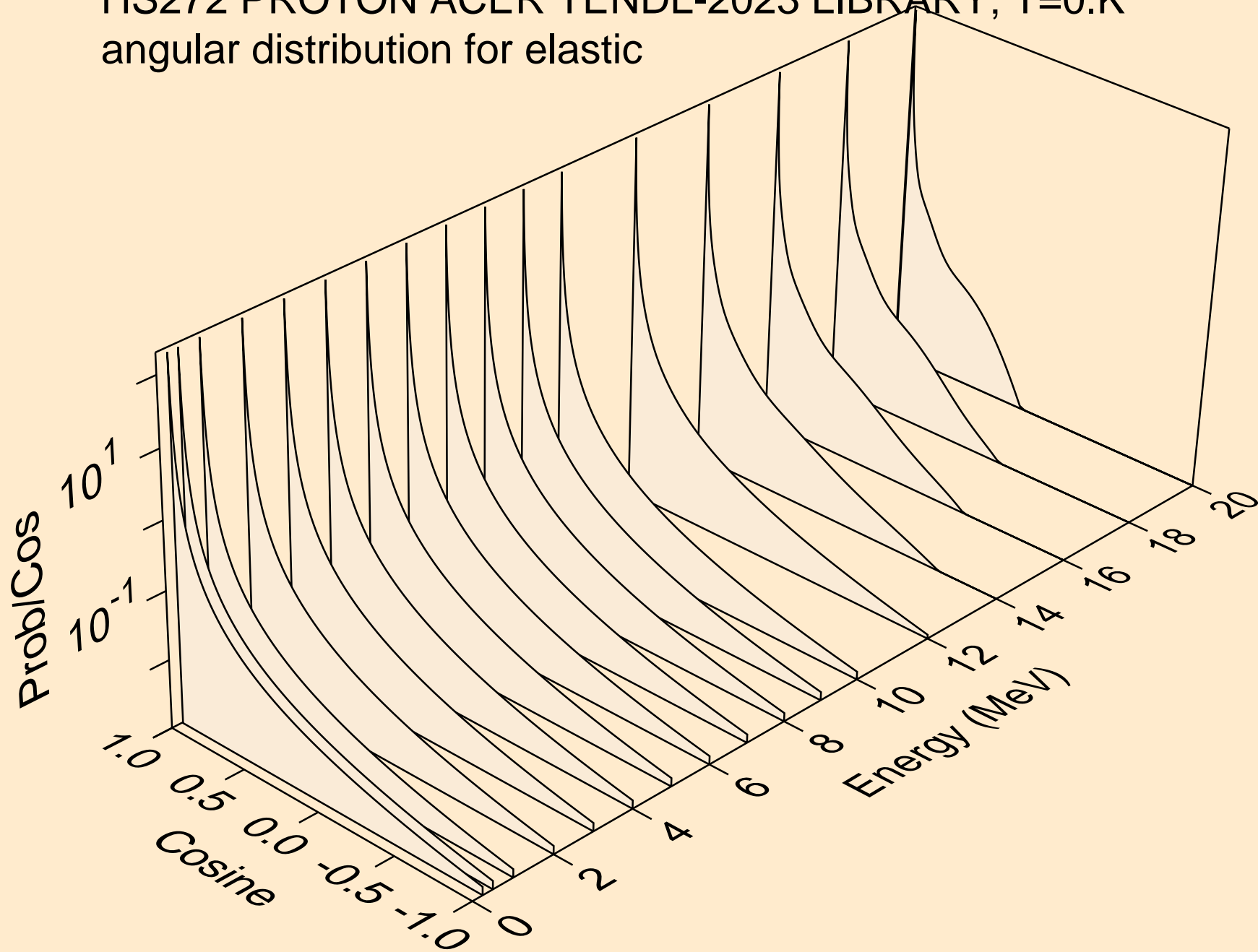
## Threshold reactions



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

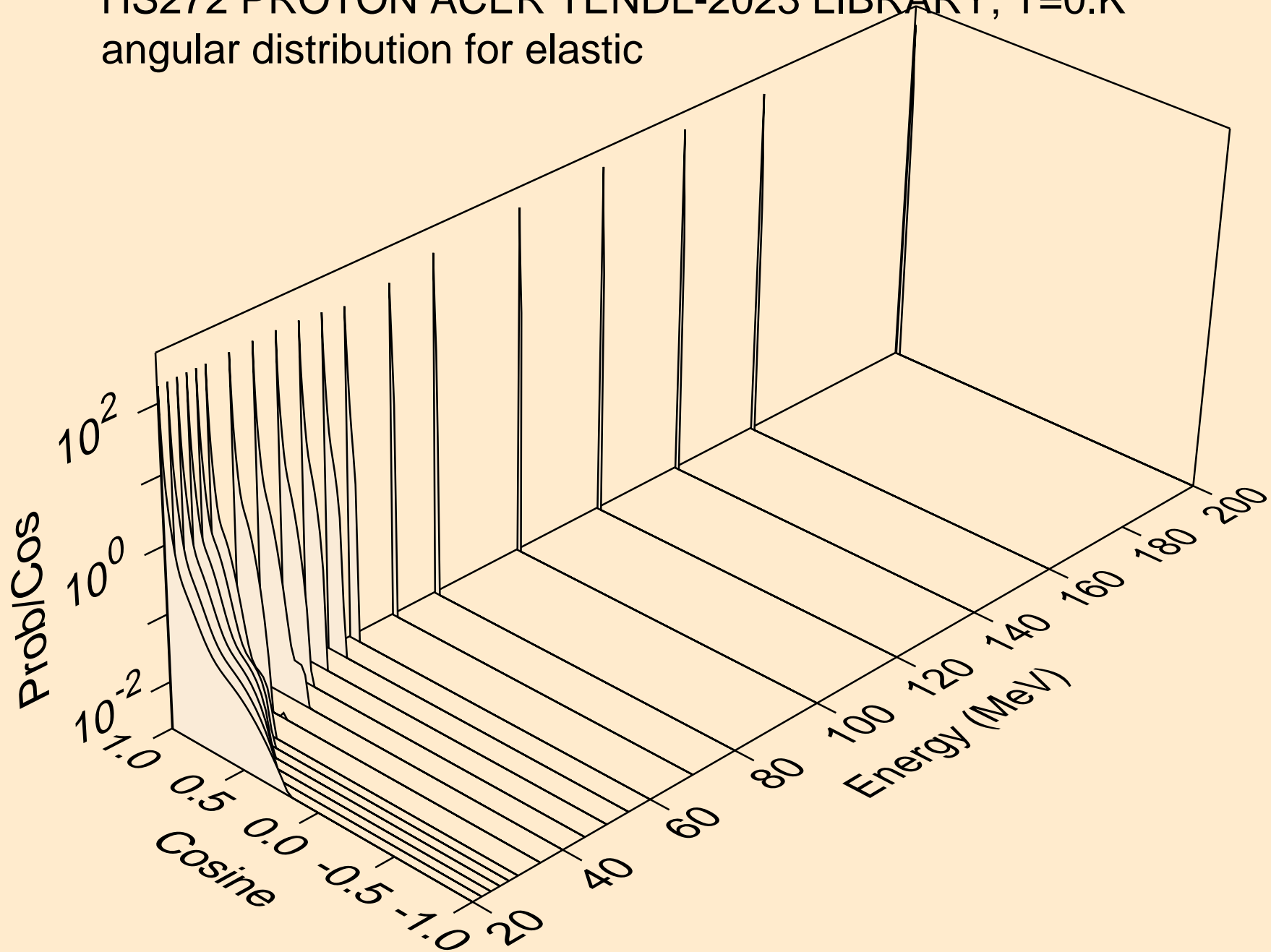


HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

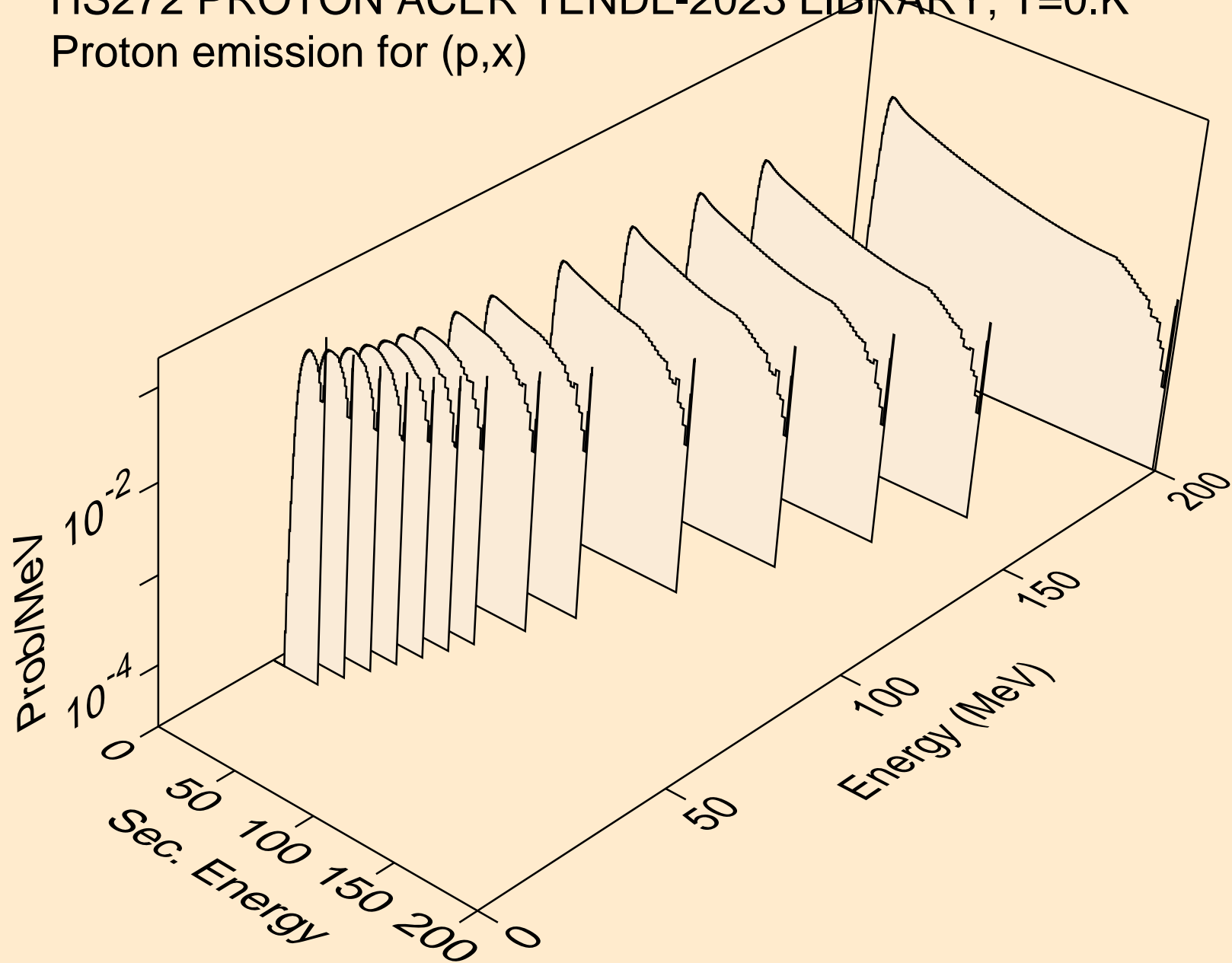




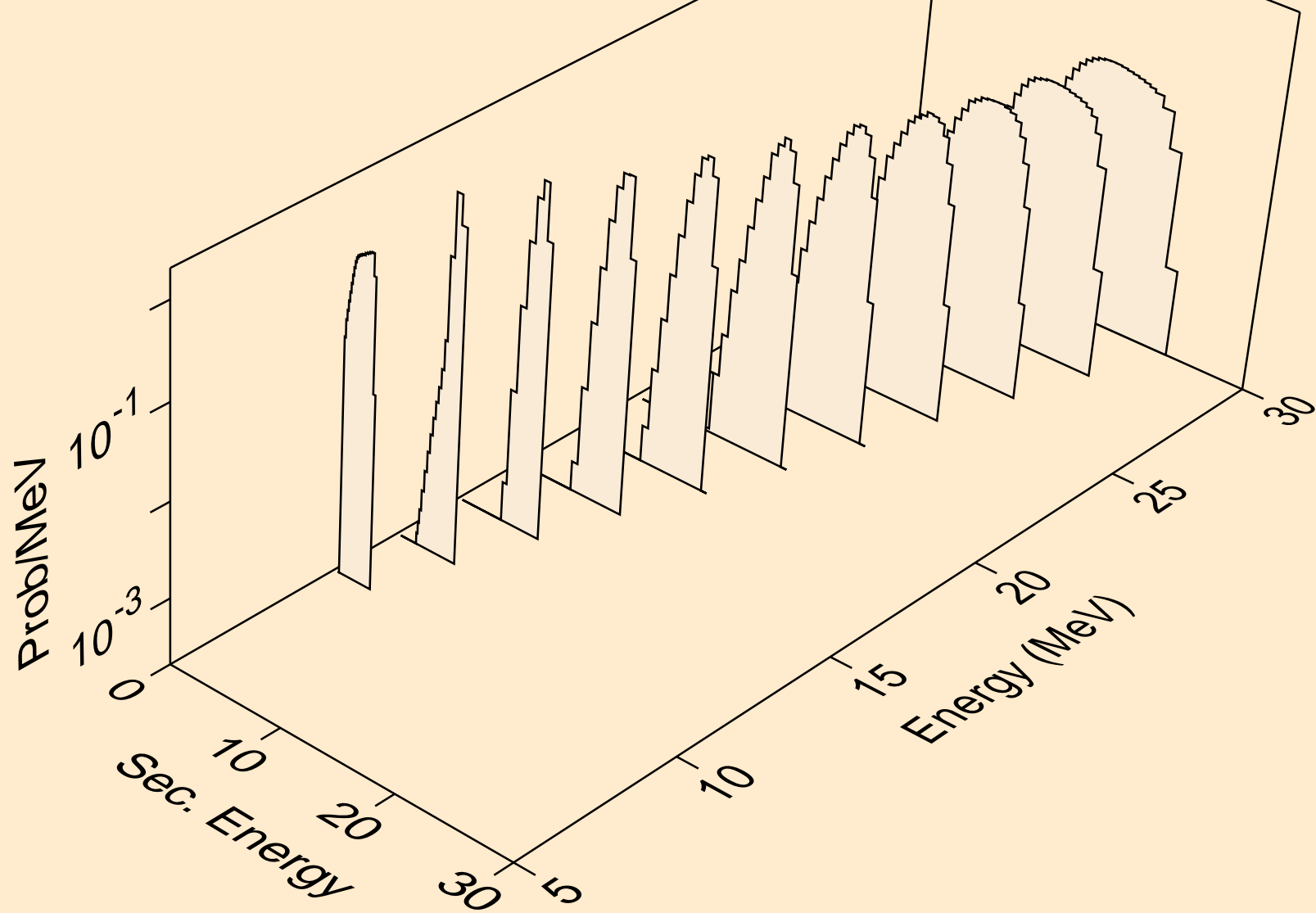
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



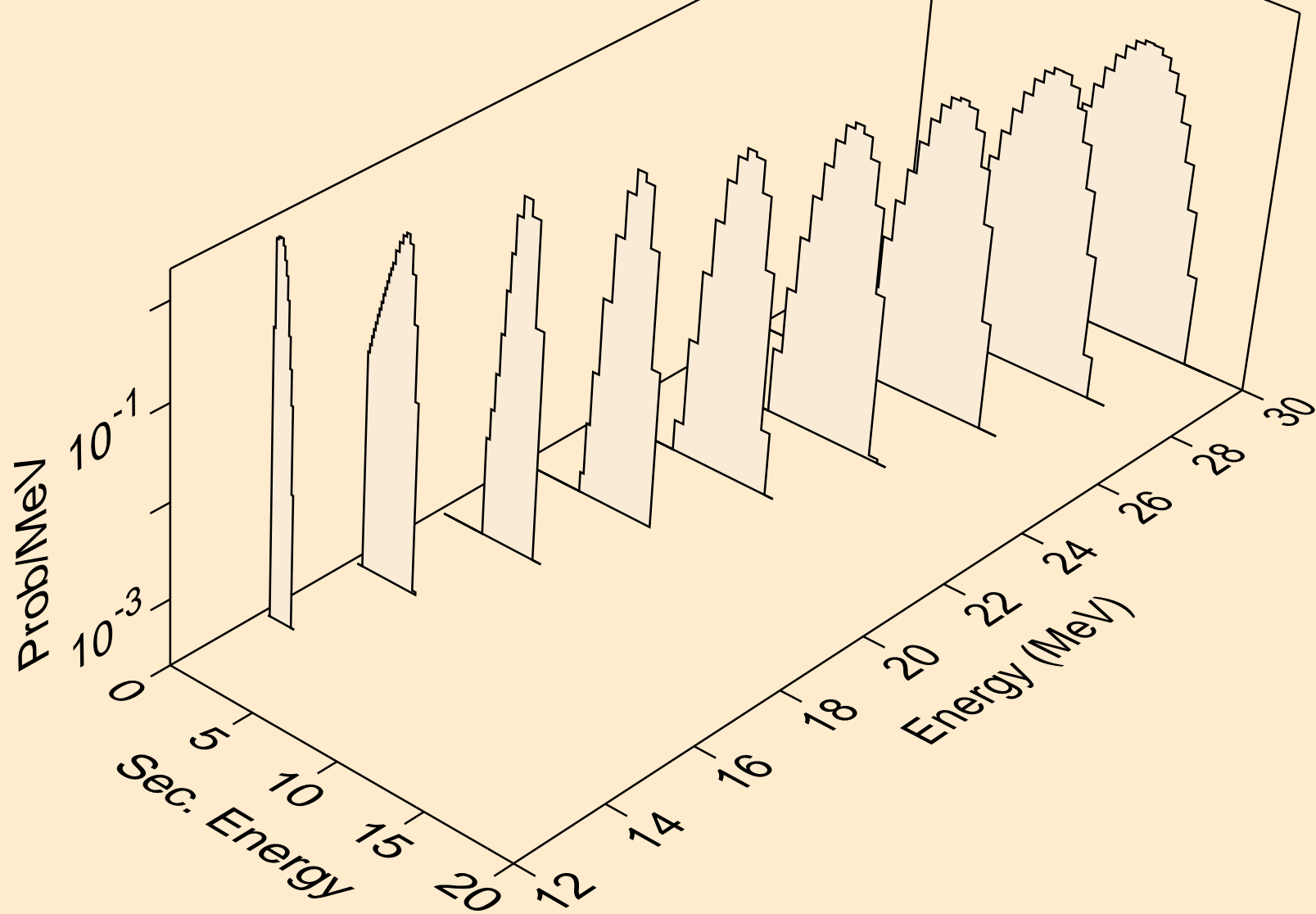
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



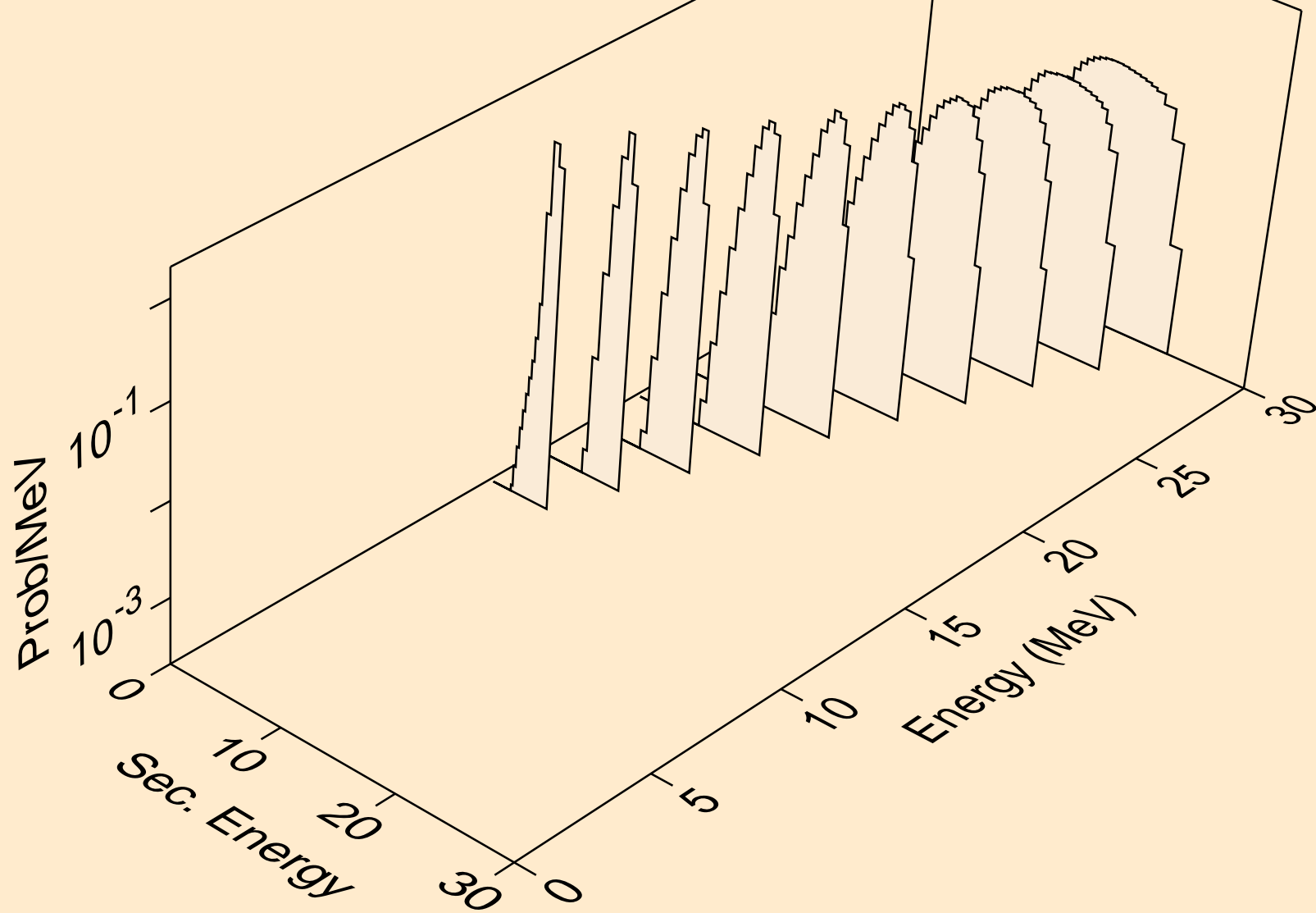
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



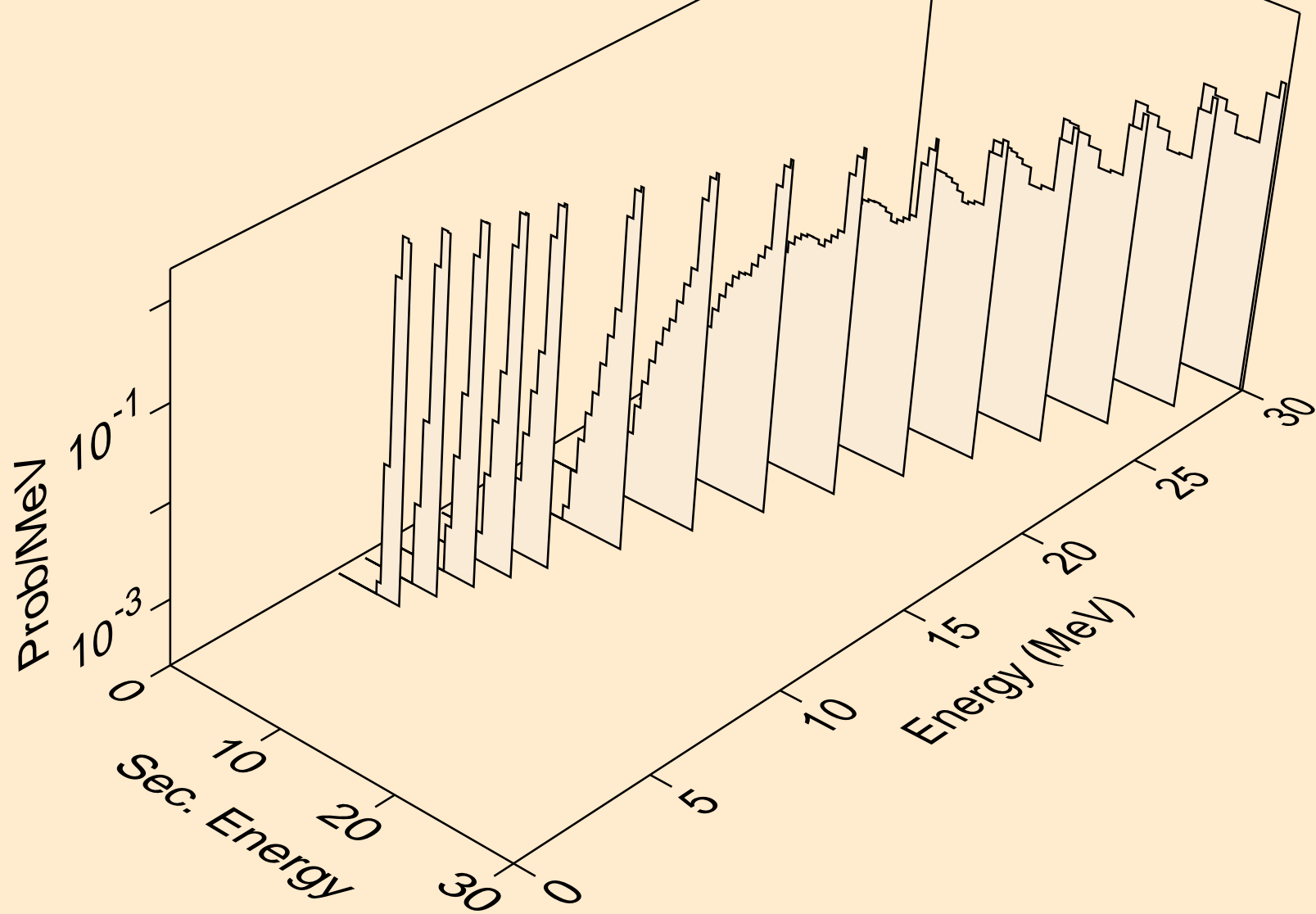
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



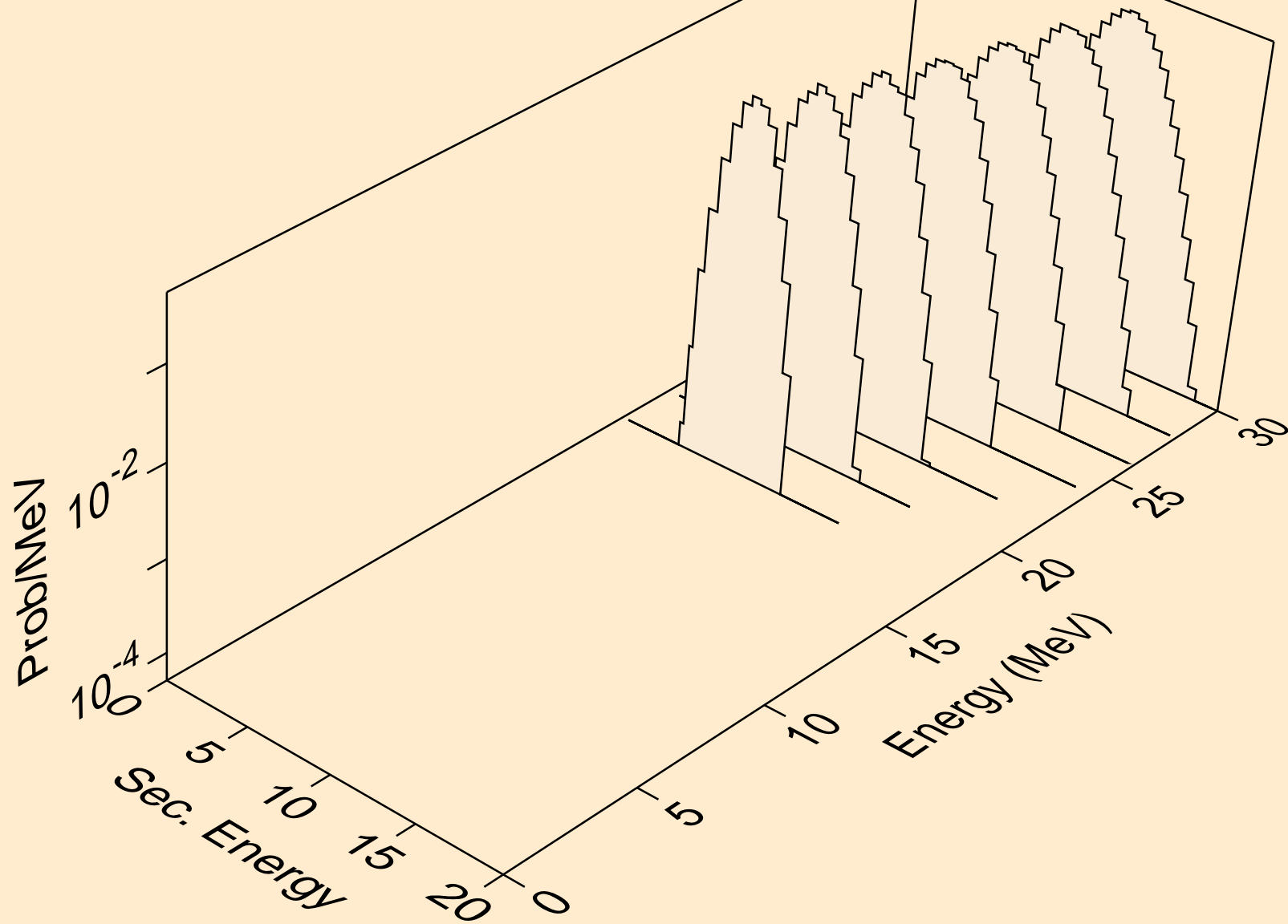
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



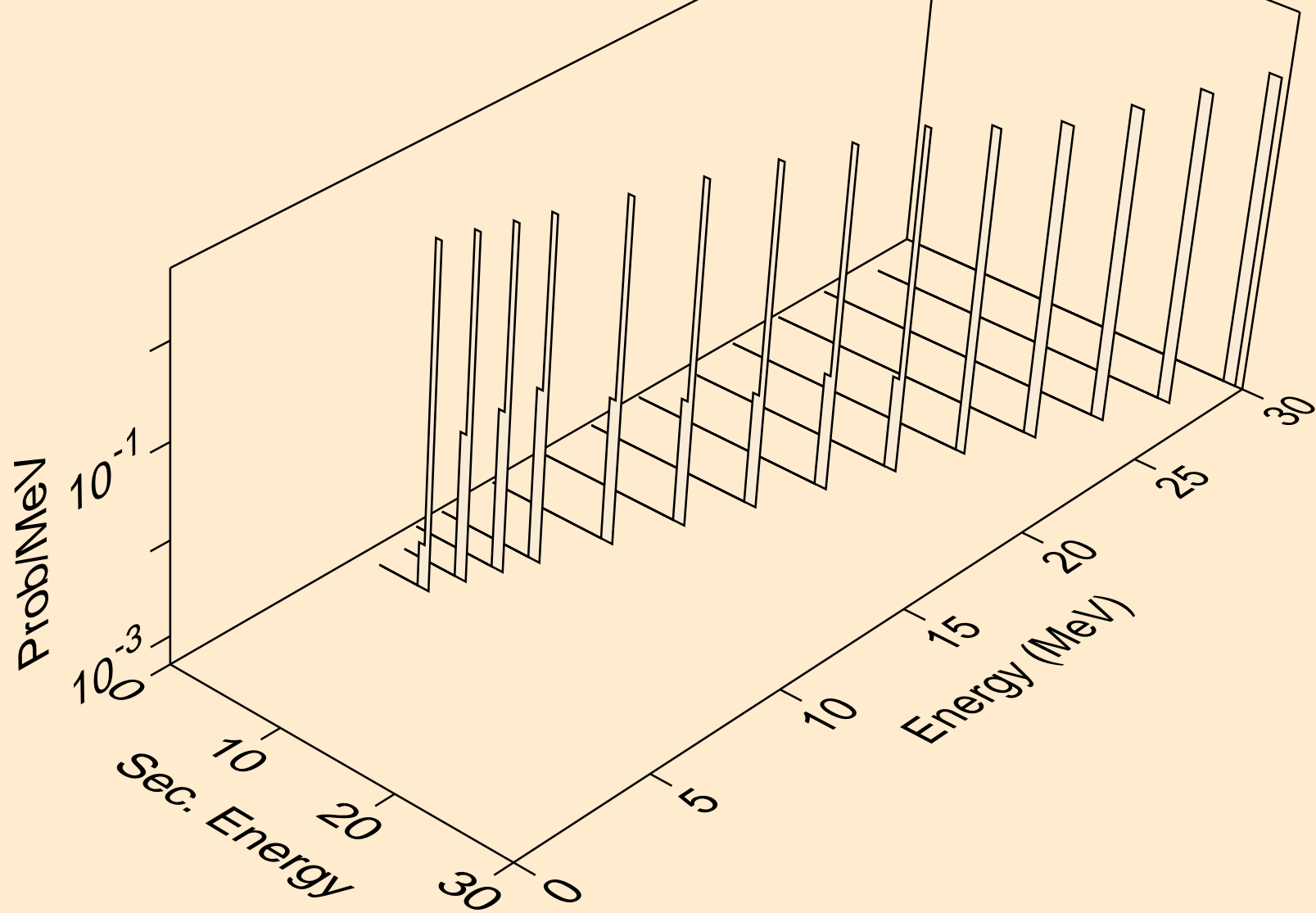
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

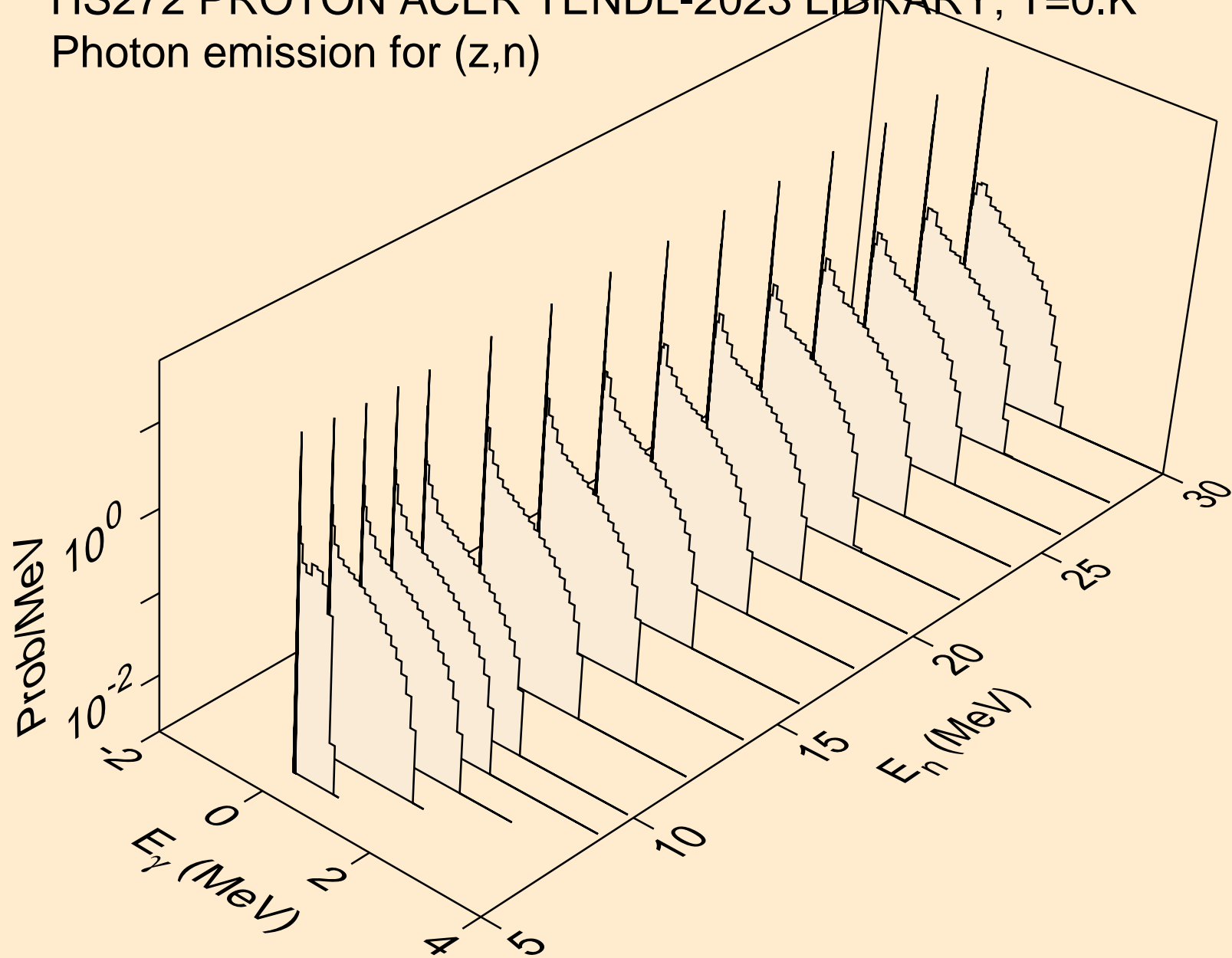


HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)

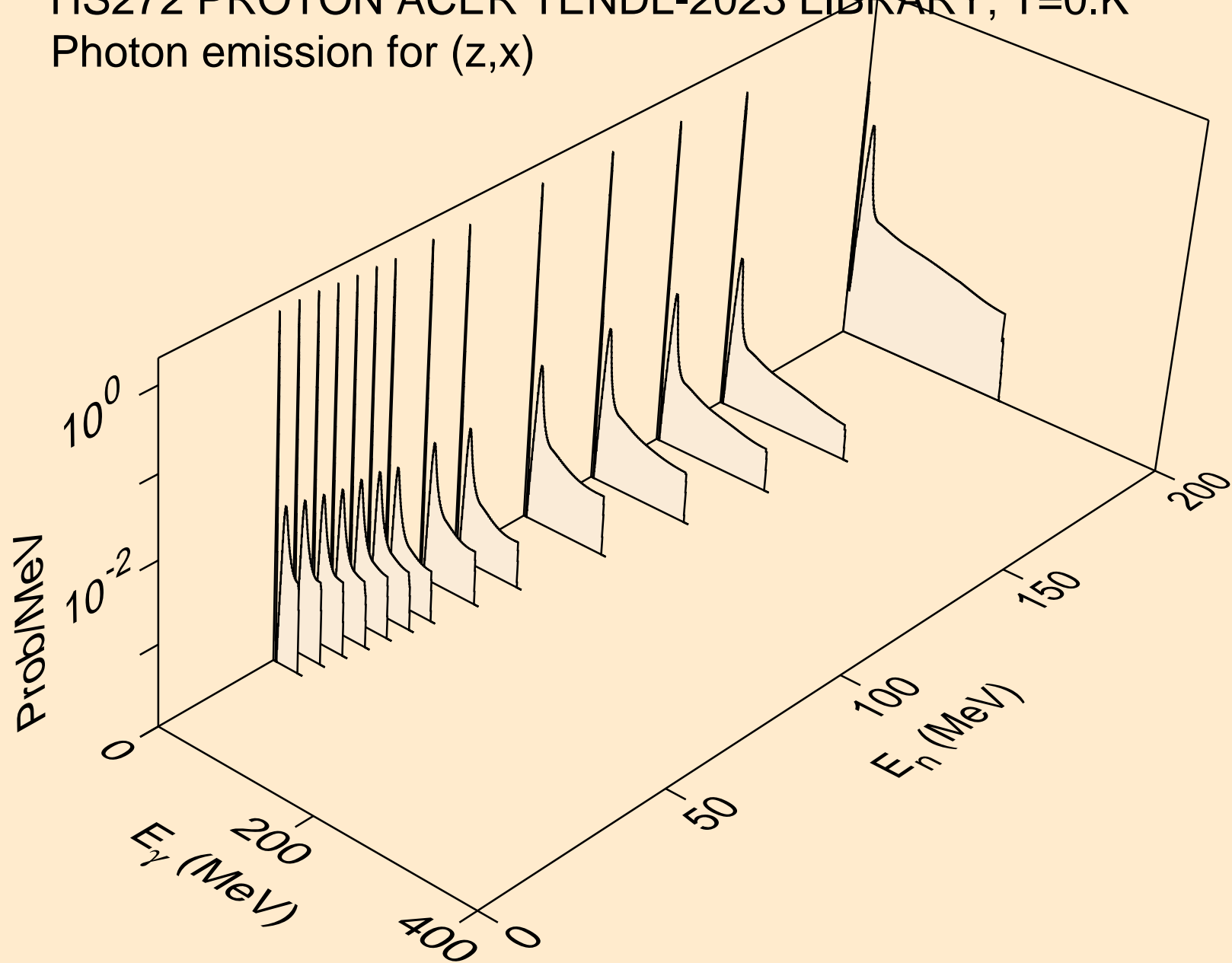




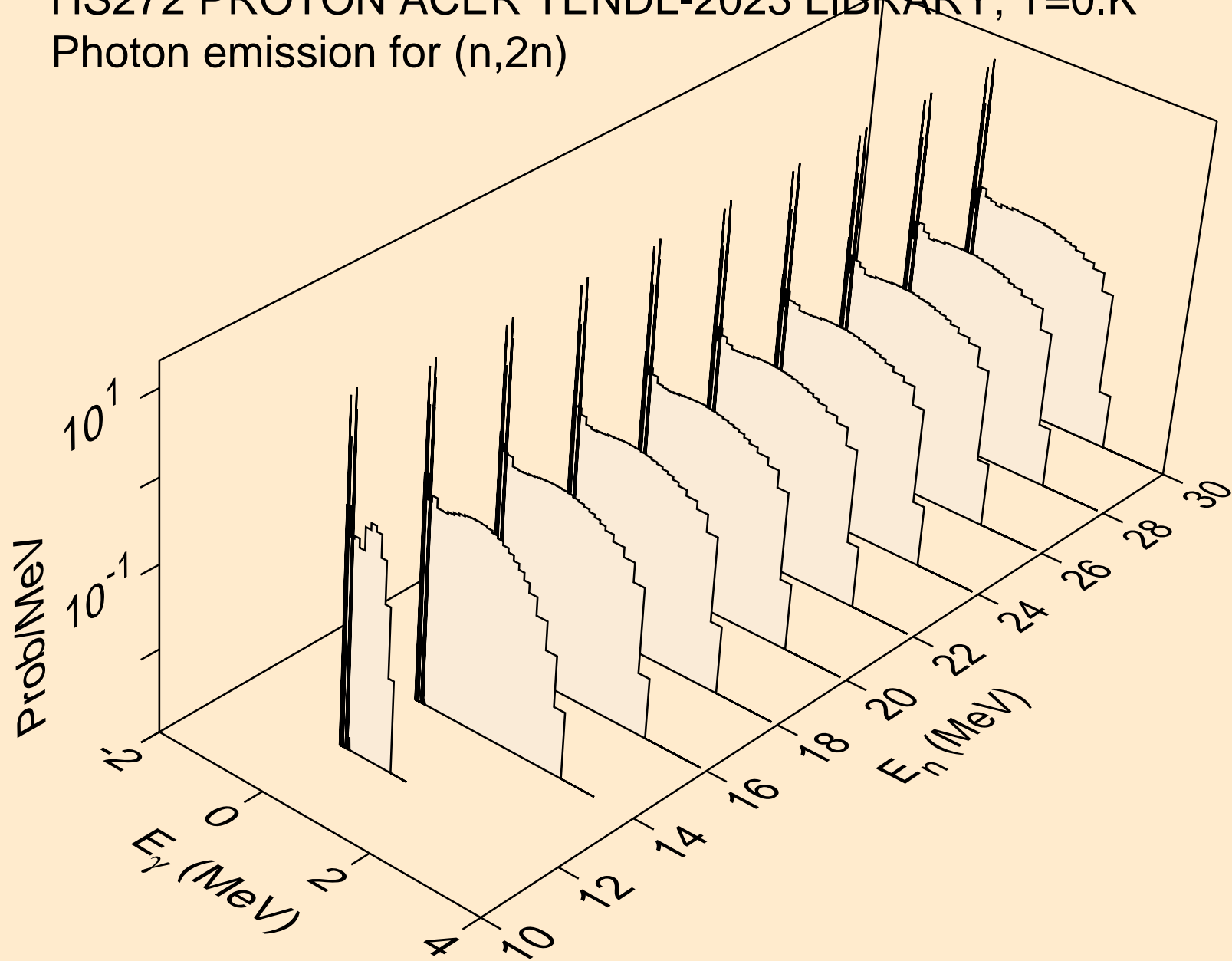
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Photon emission for (z,n)



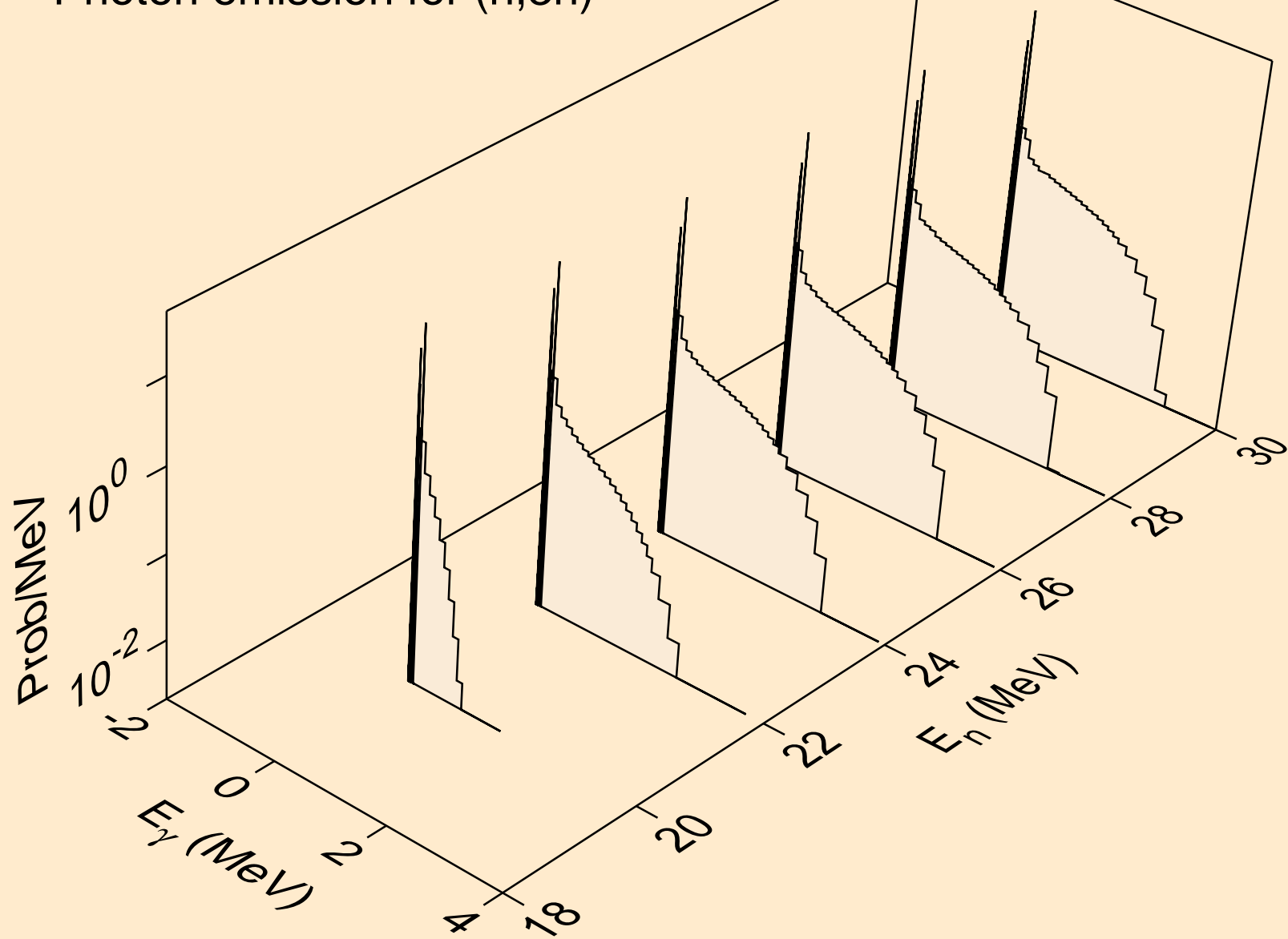
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



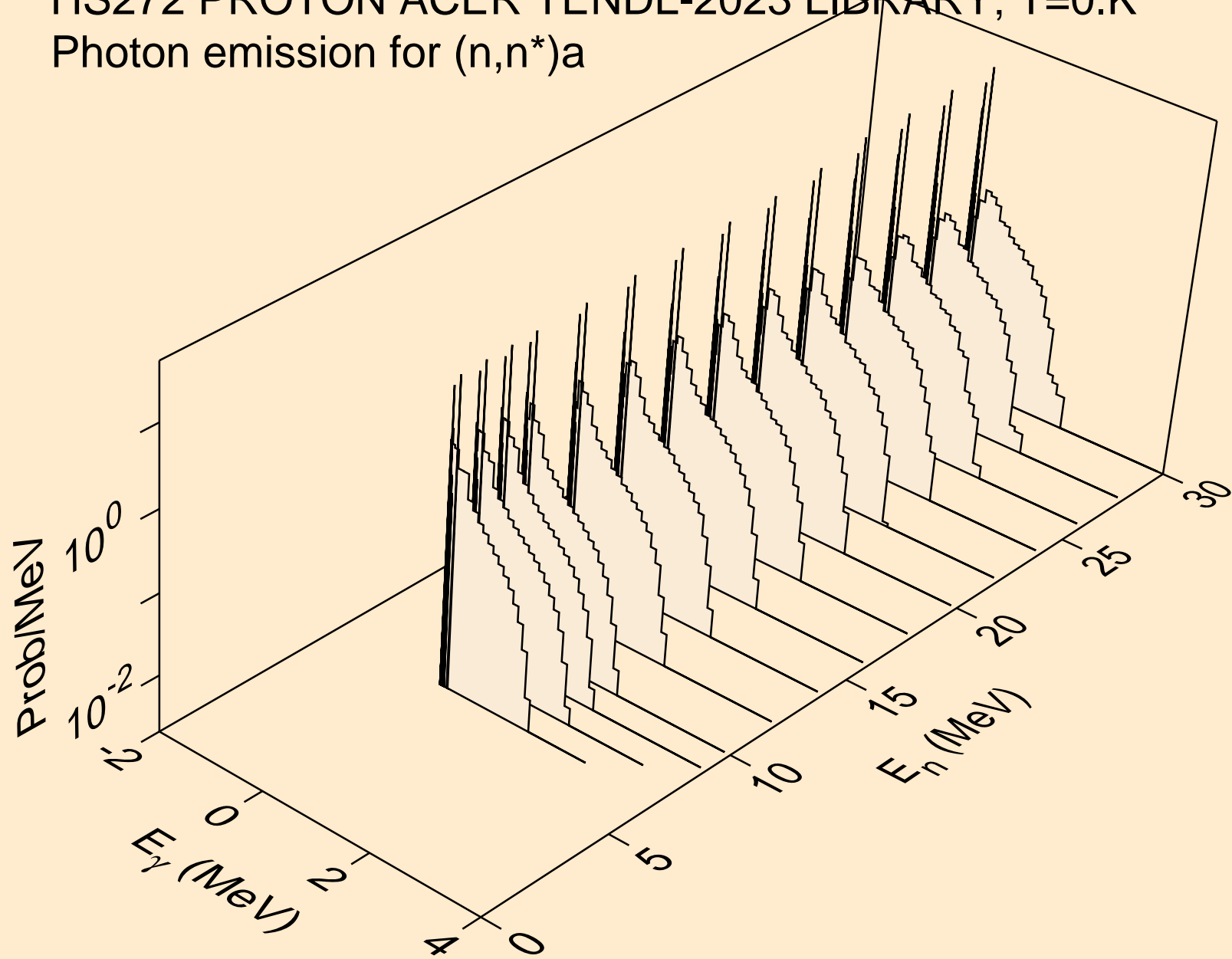
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



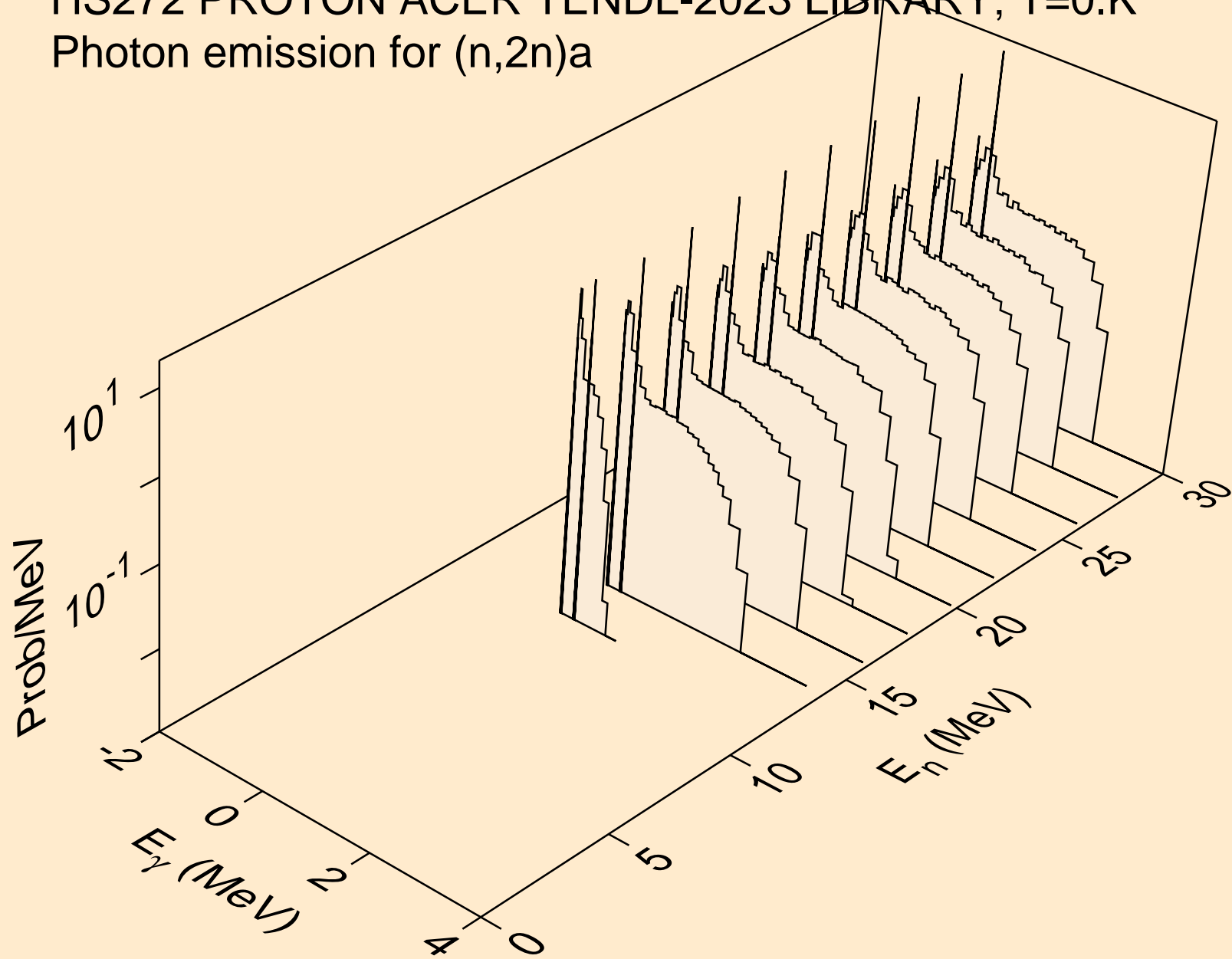
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



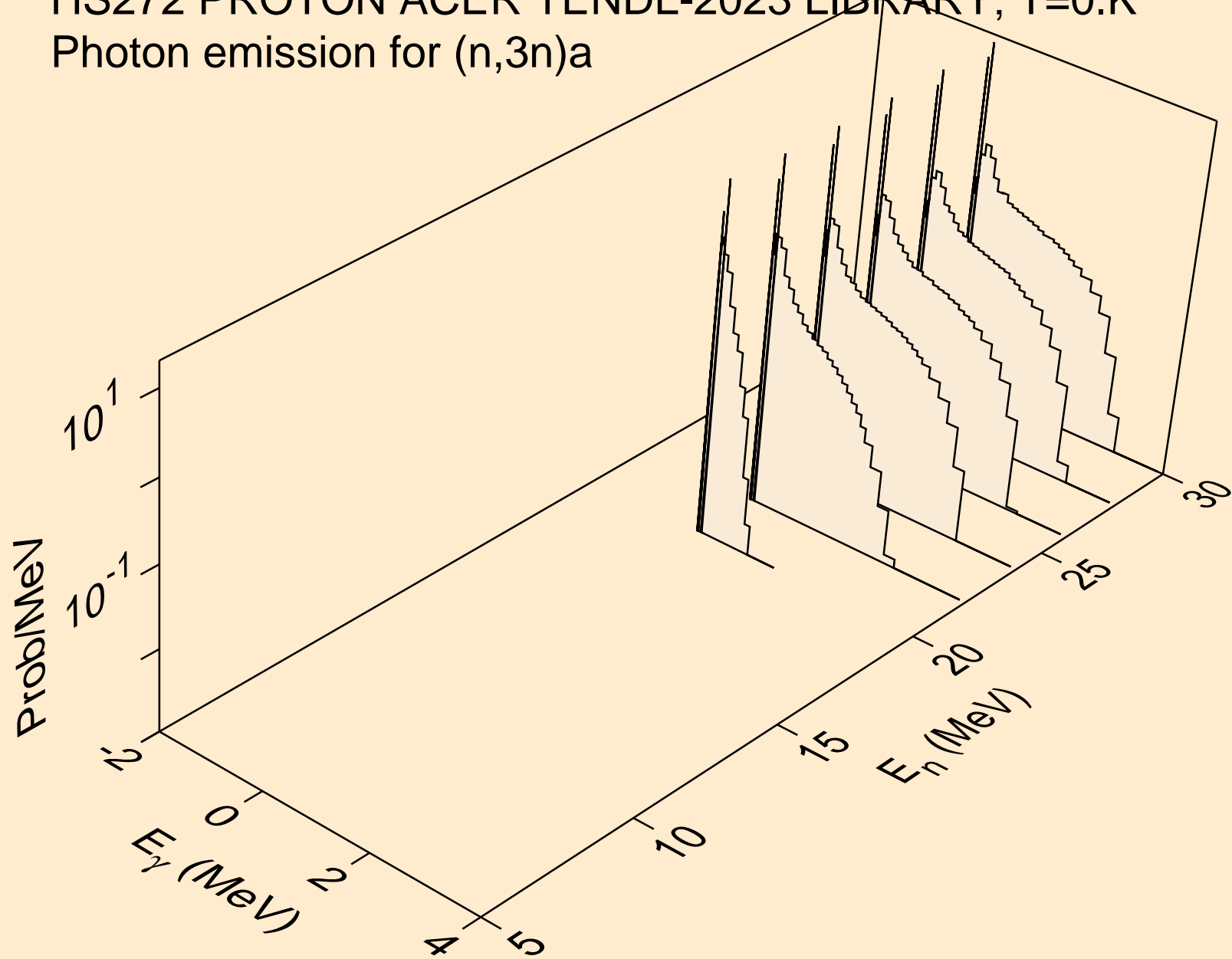
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



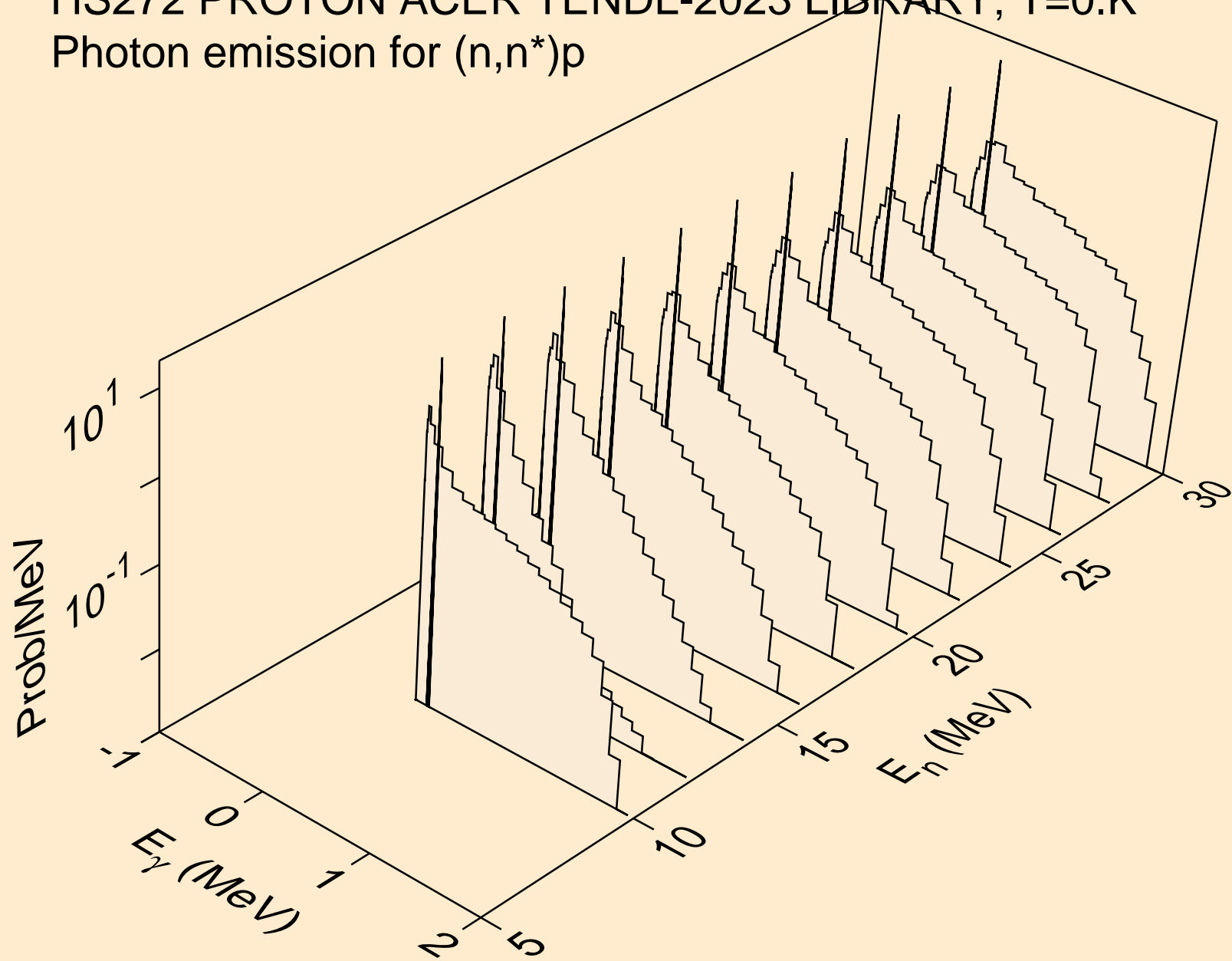
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

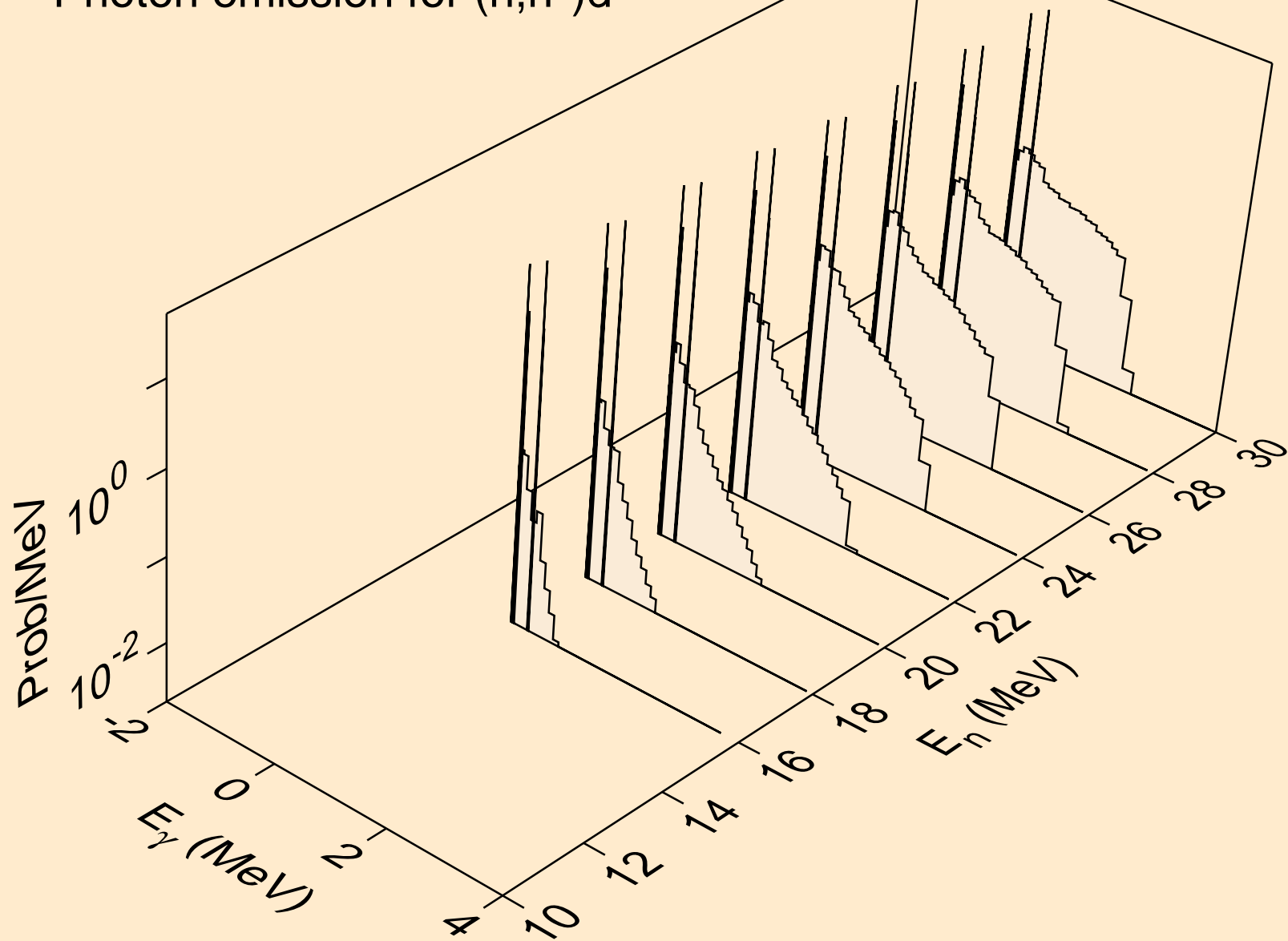


HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

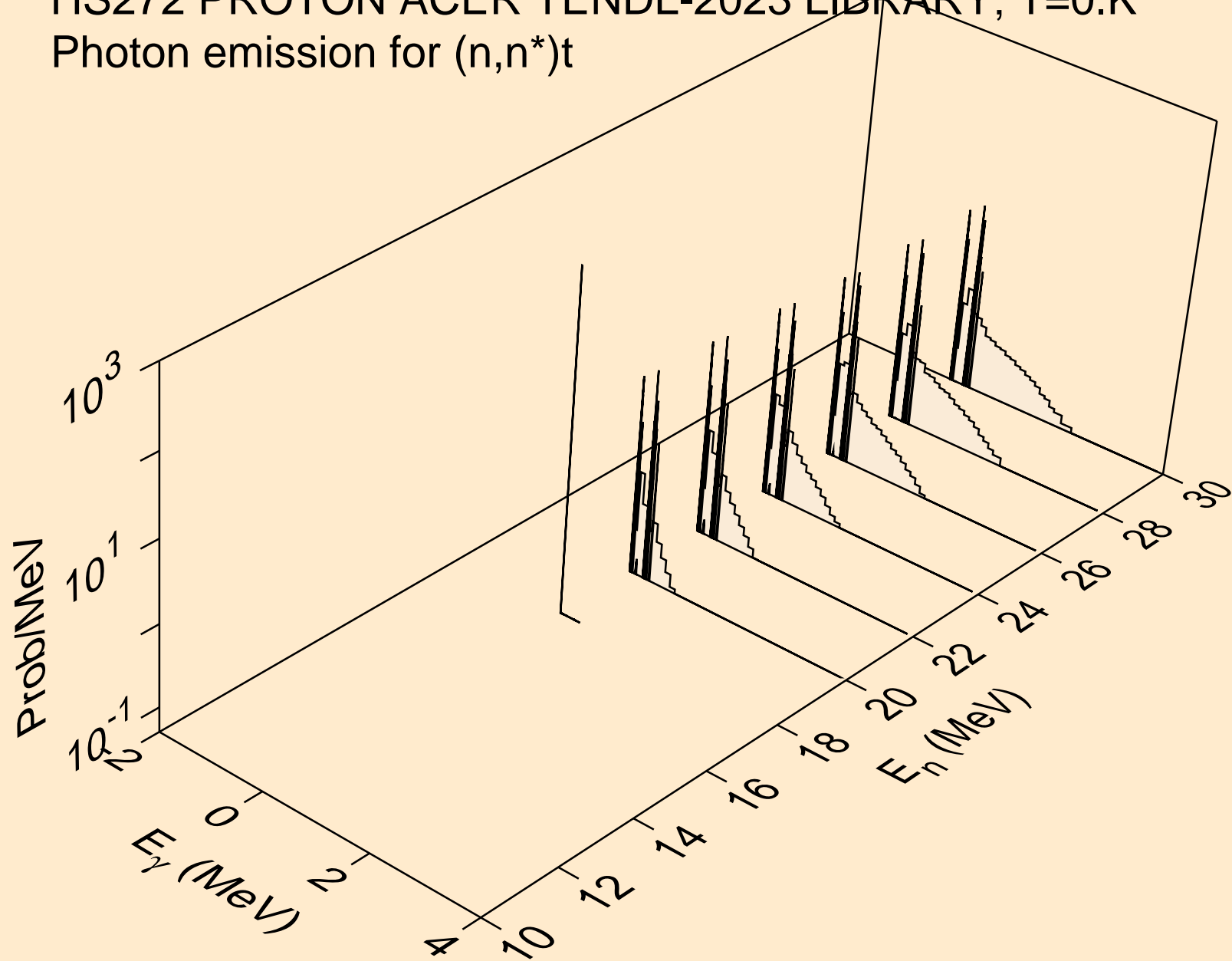




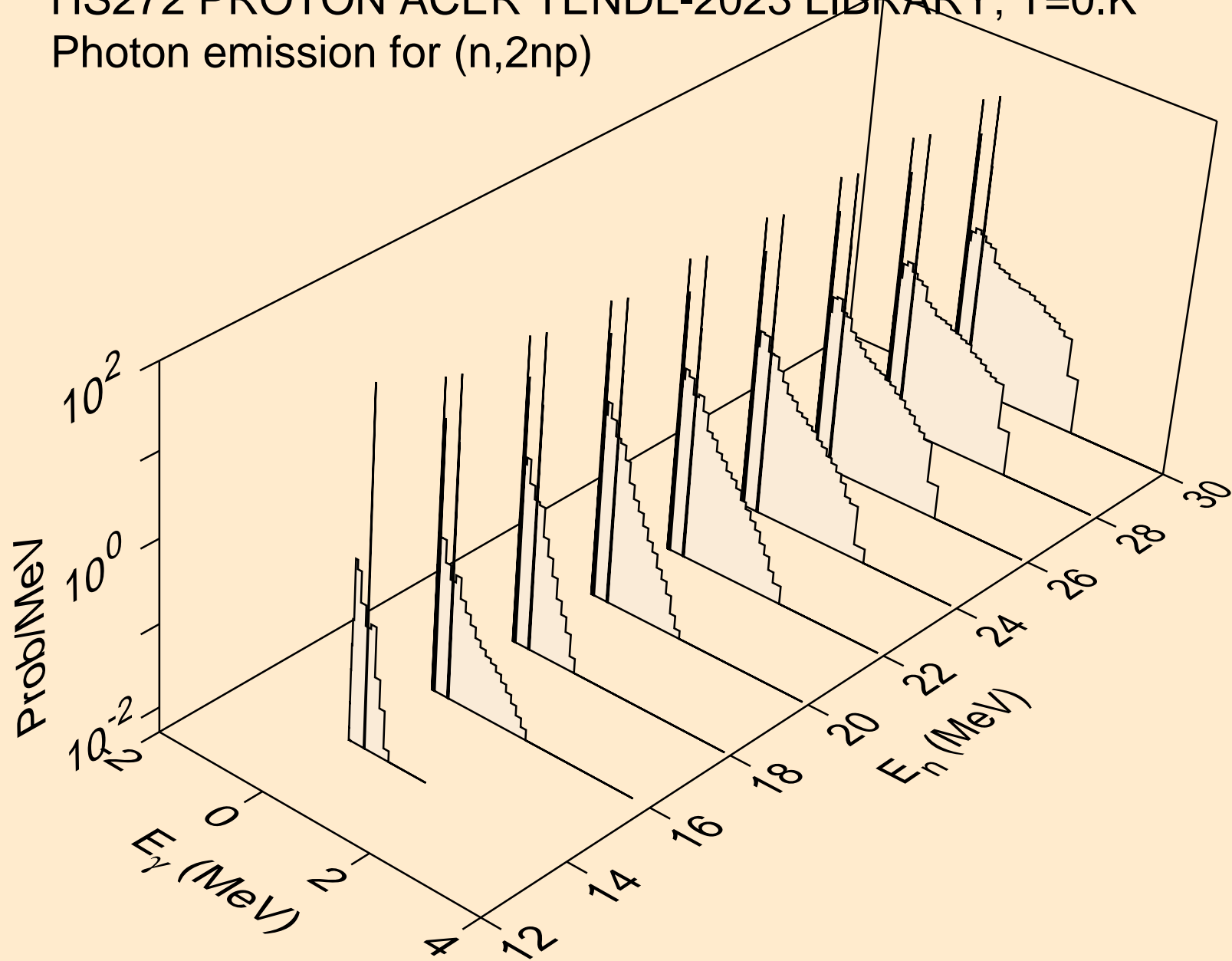
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



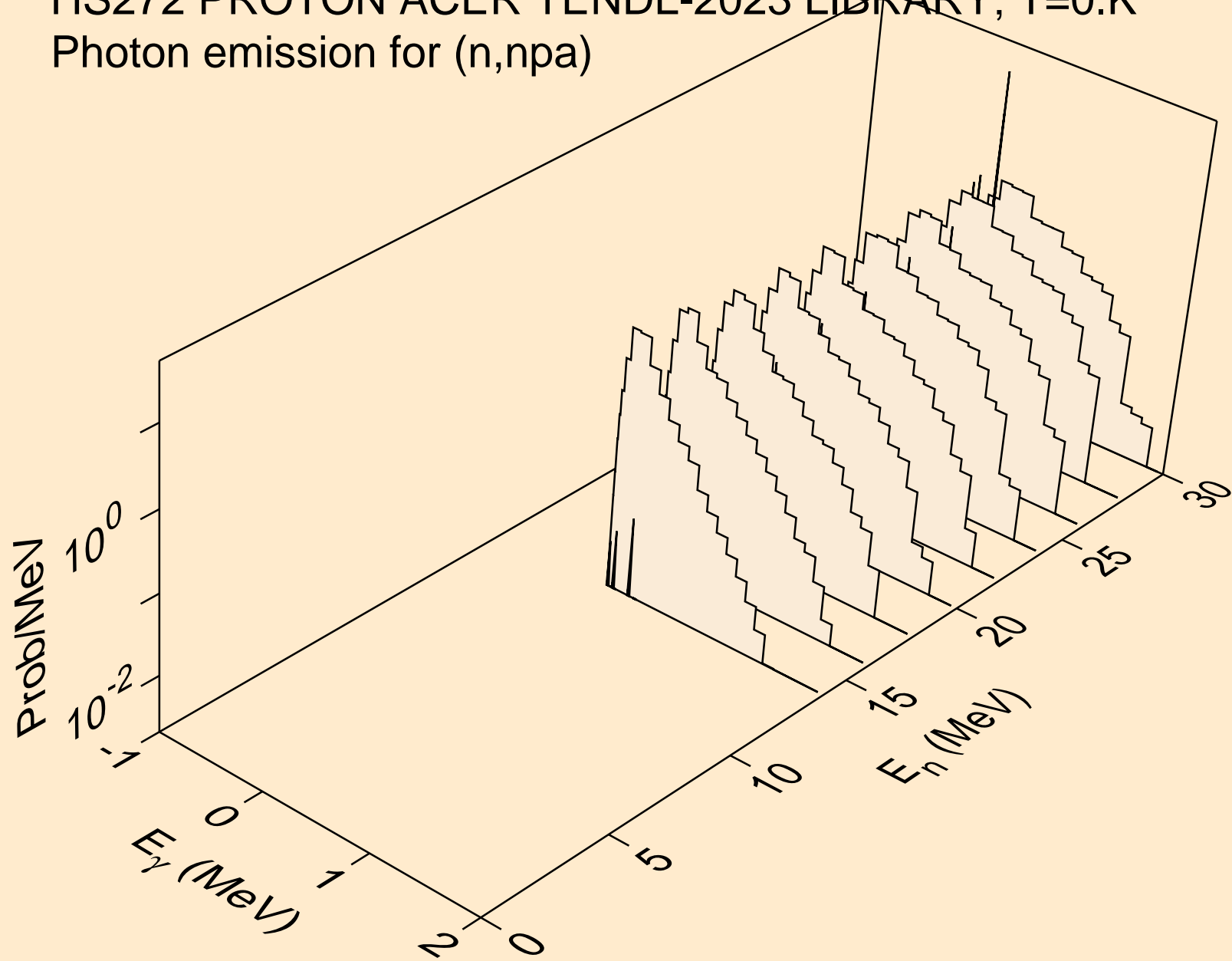
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



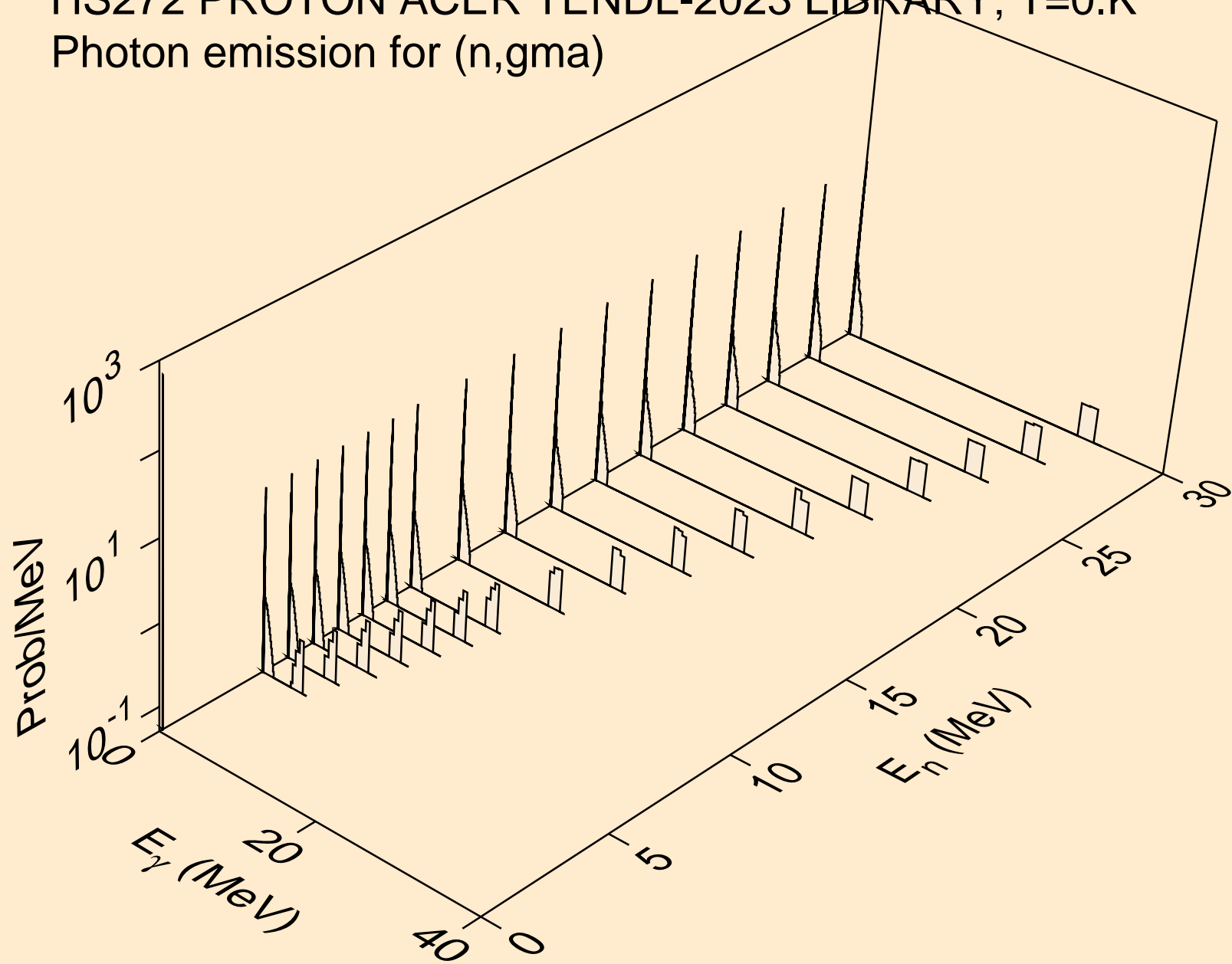
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Photon emission for (n,2np)



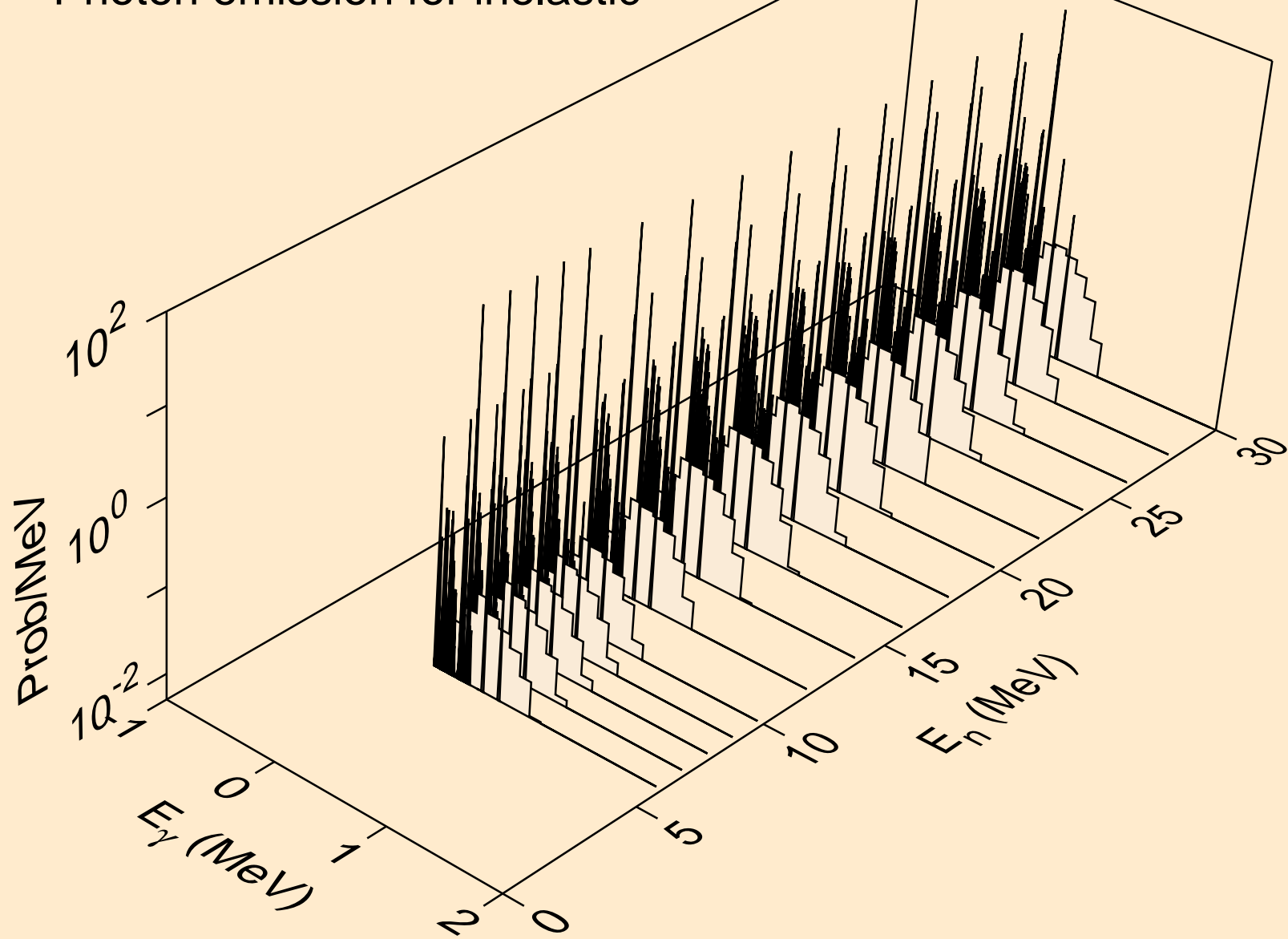
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Photon emission for (n,npa)



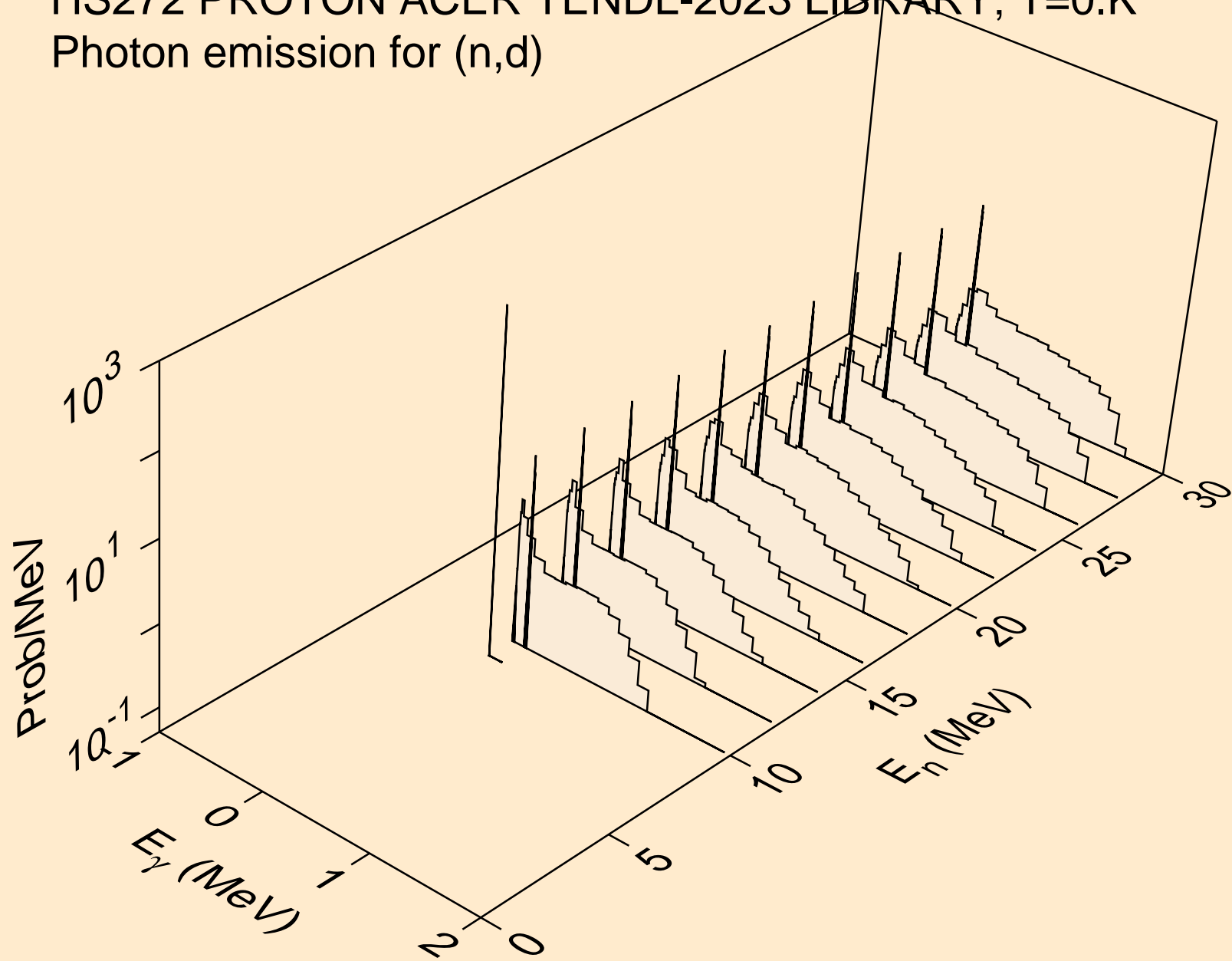
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Photon emission for (n,gma)



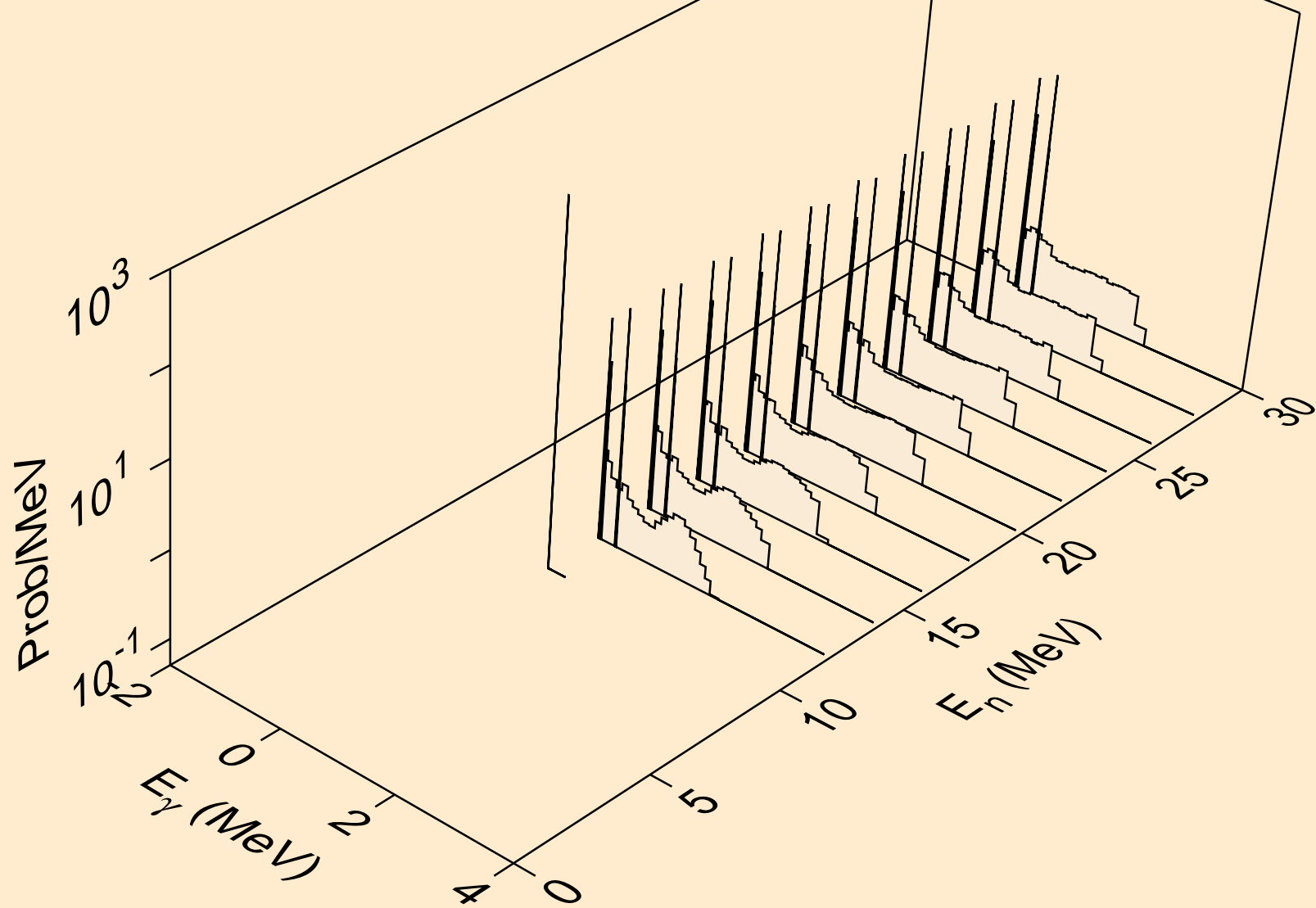
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

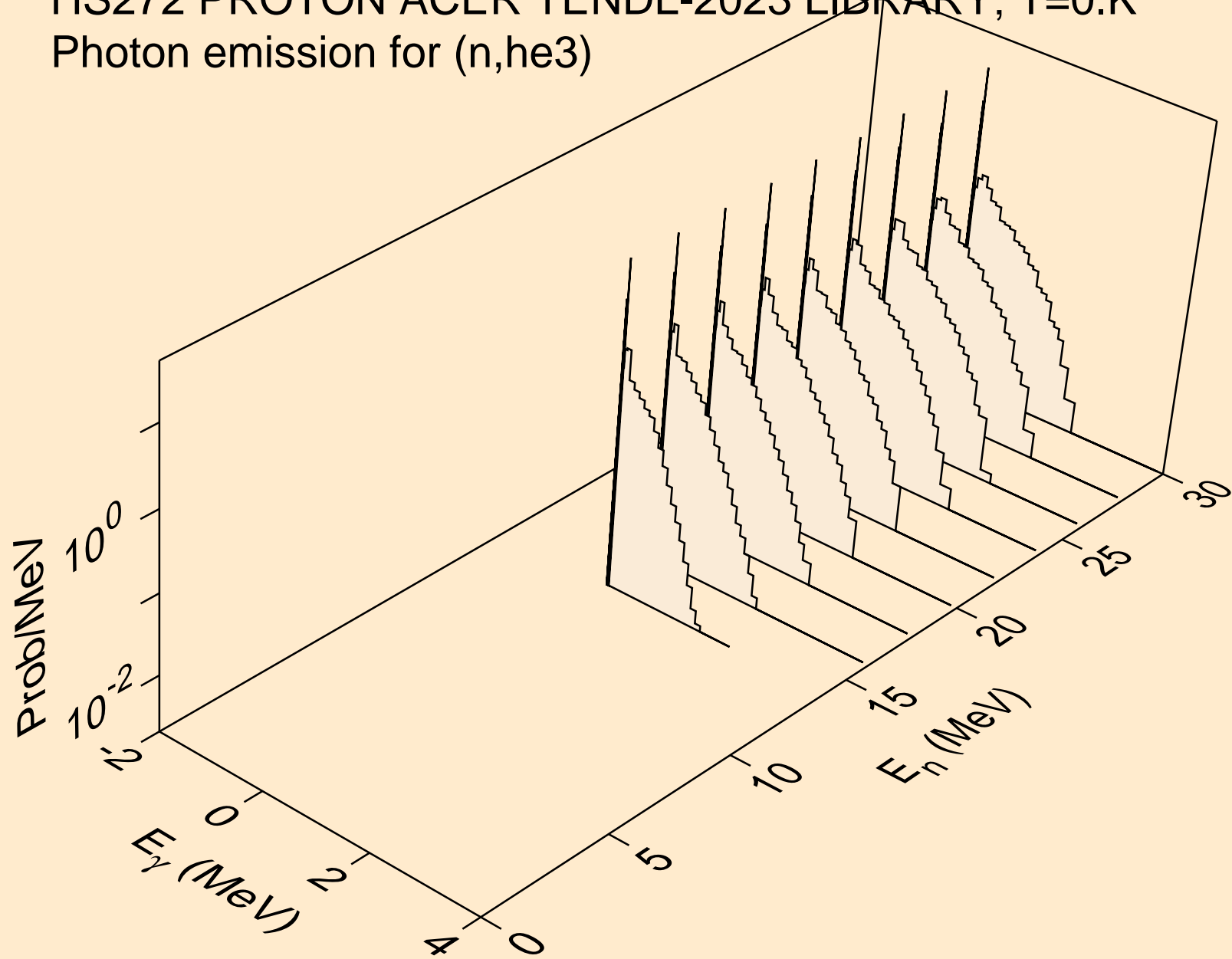


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Photon emission for (n,t)

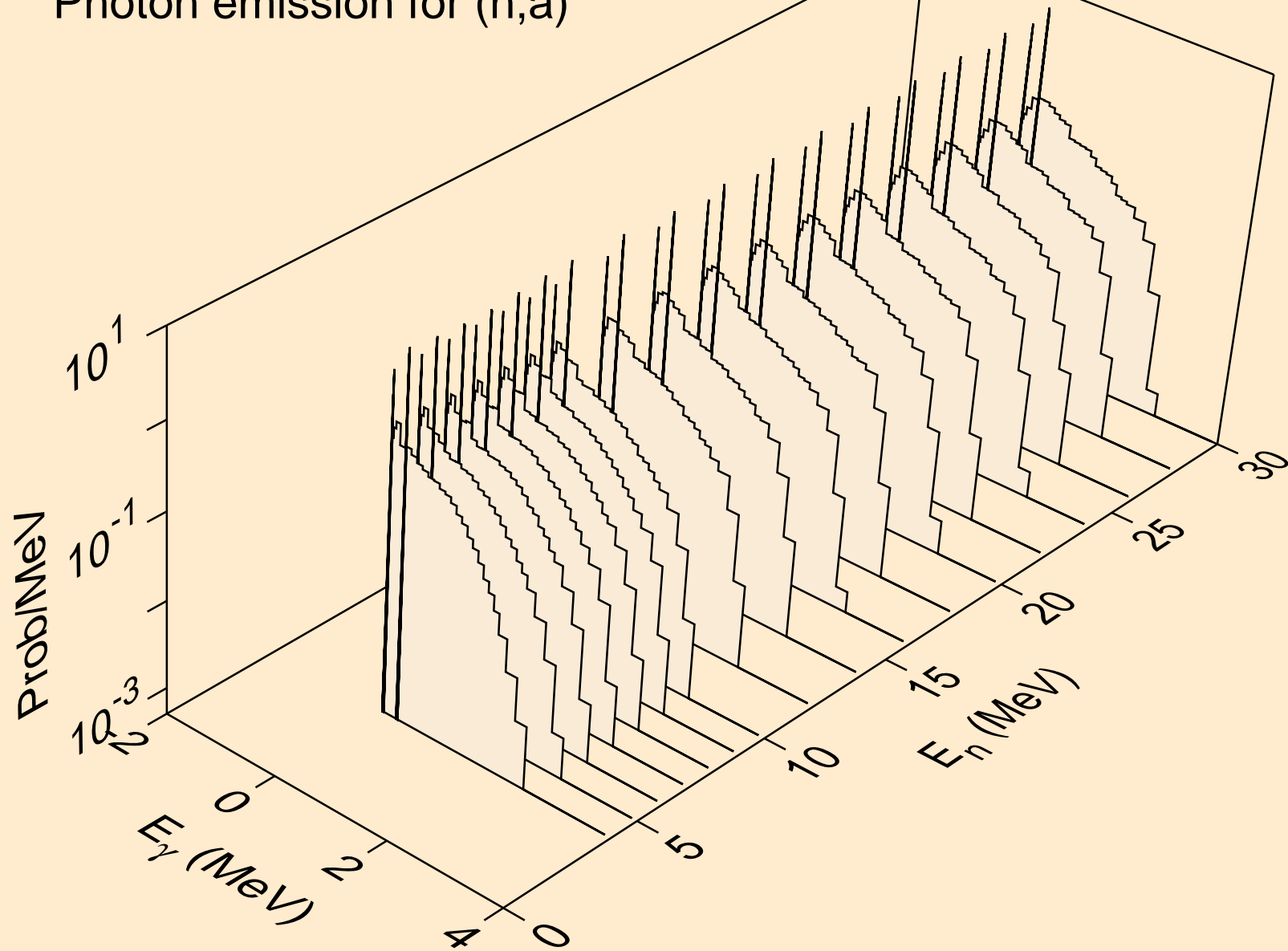




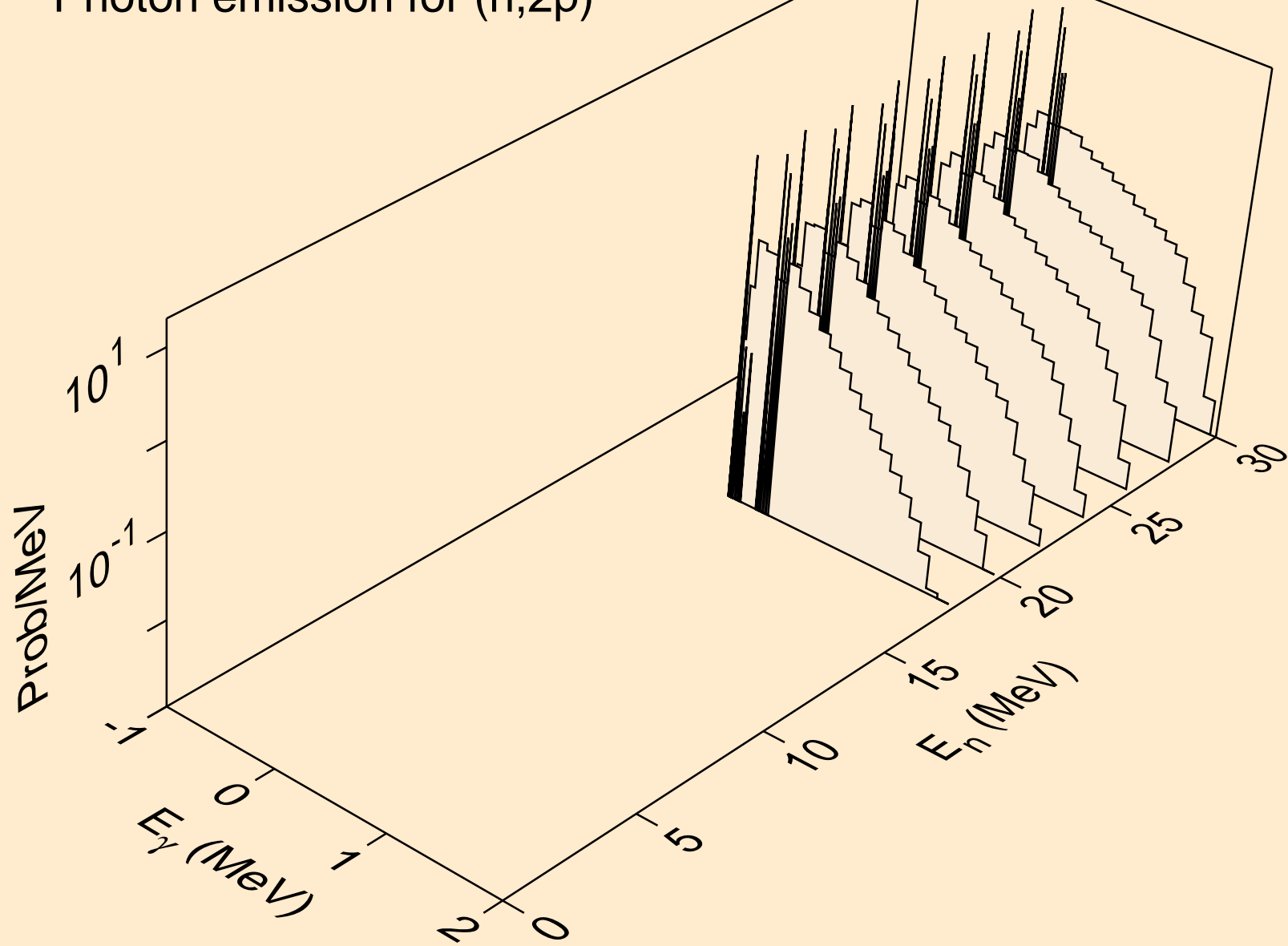
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Photon emission for (n,he3)



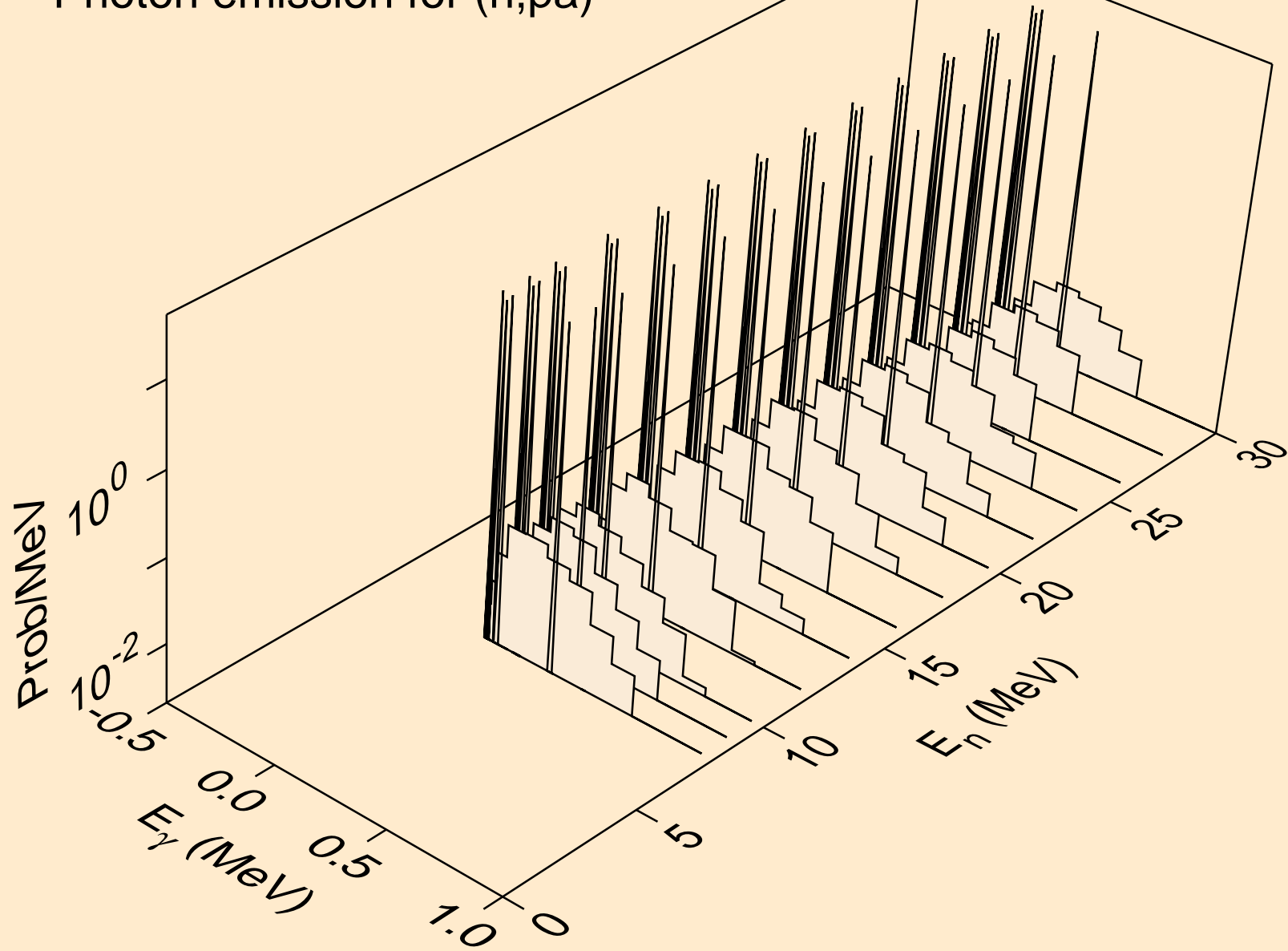
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Photon emission for (n,a)



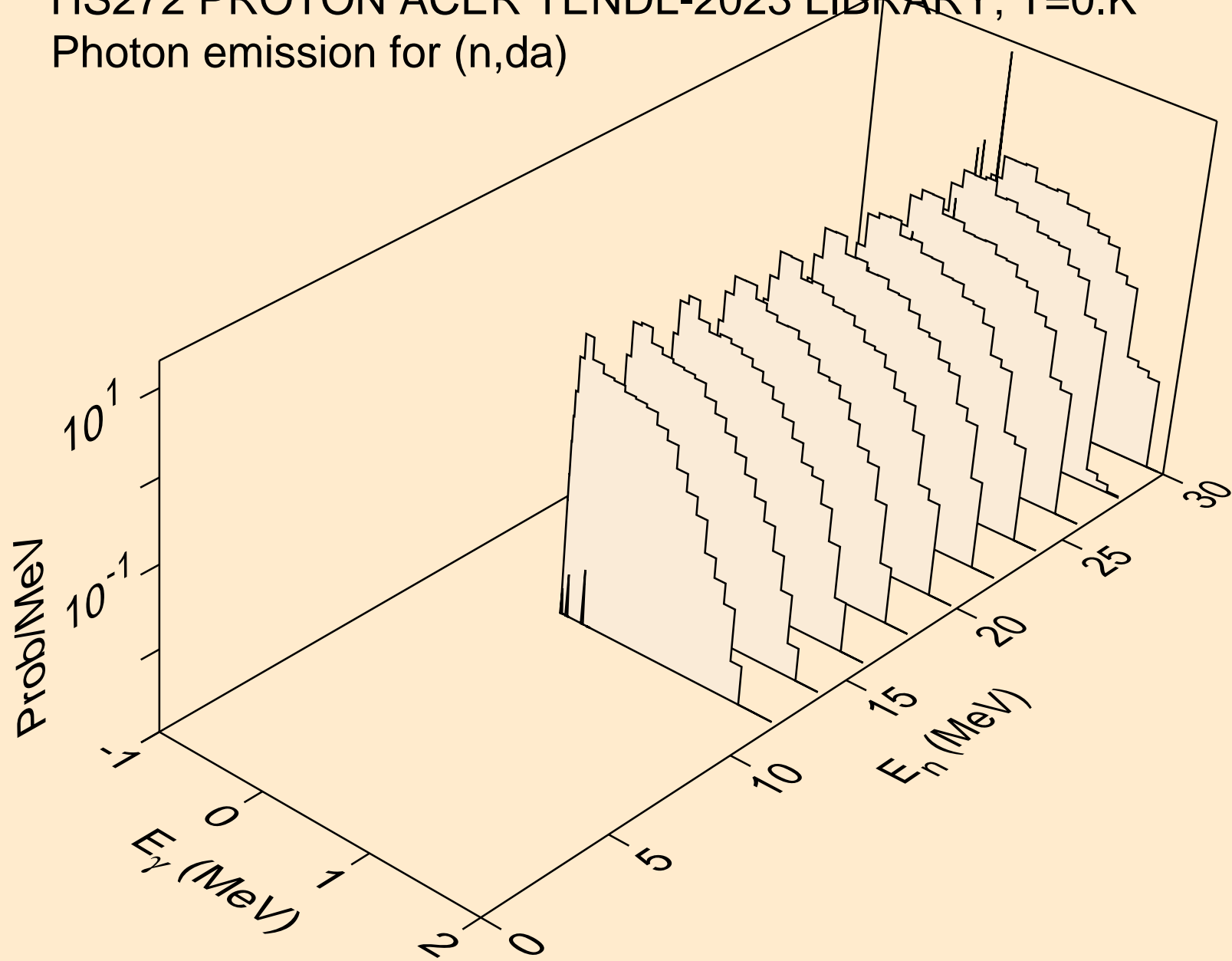
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

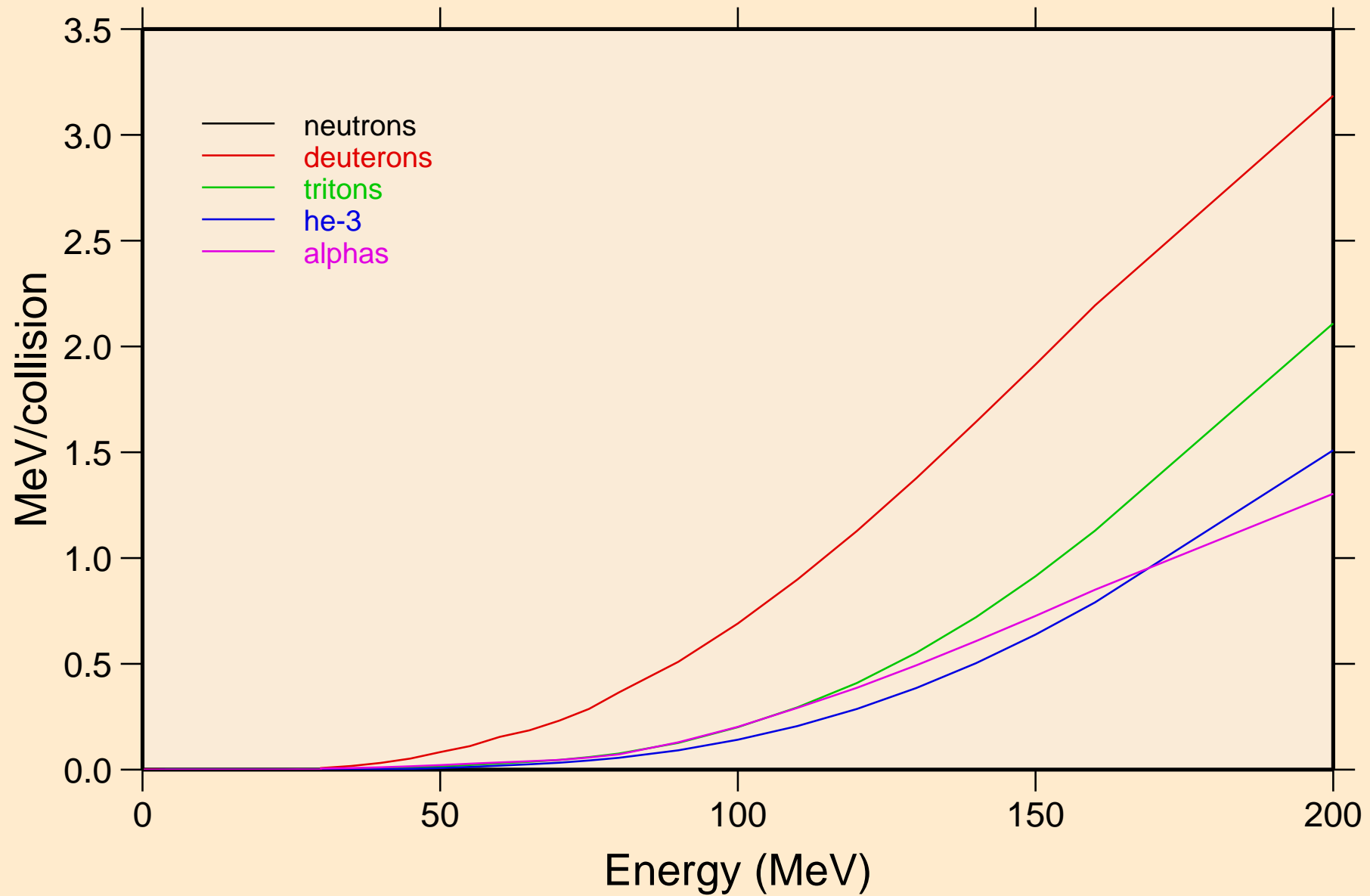


HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



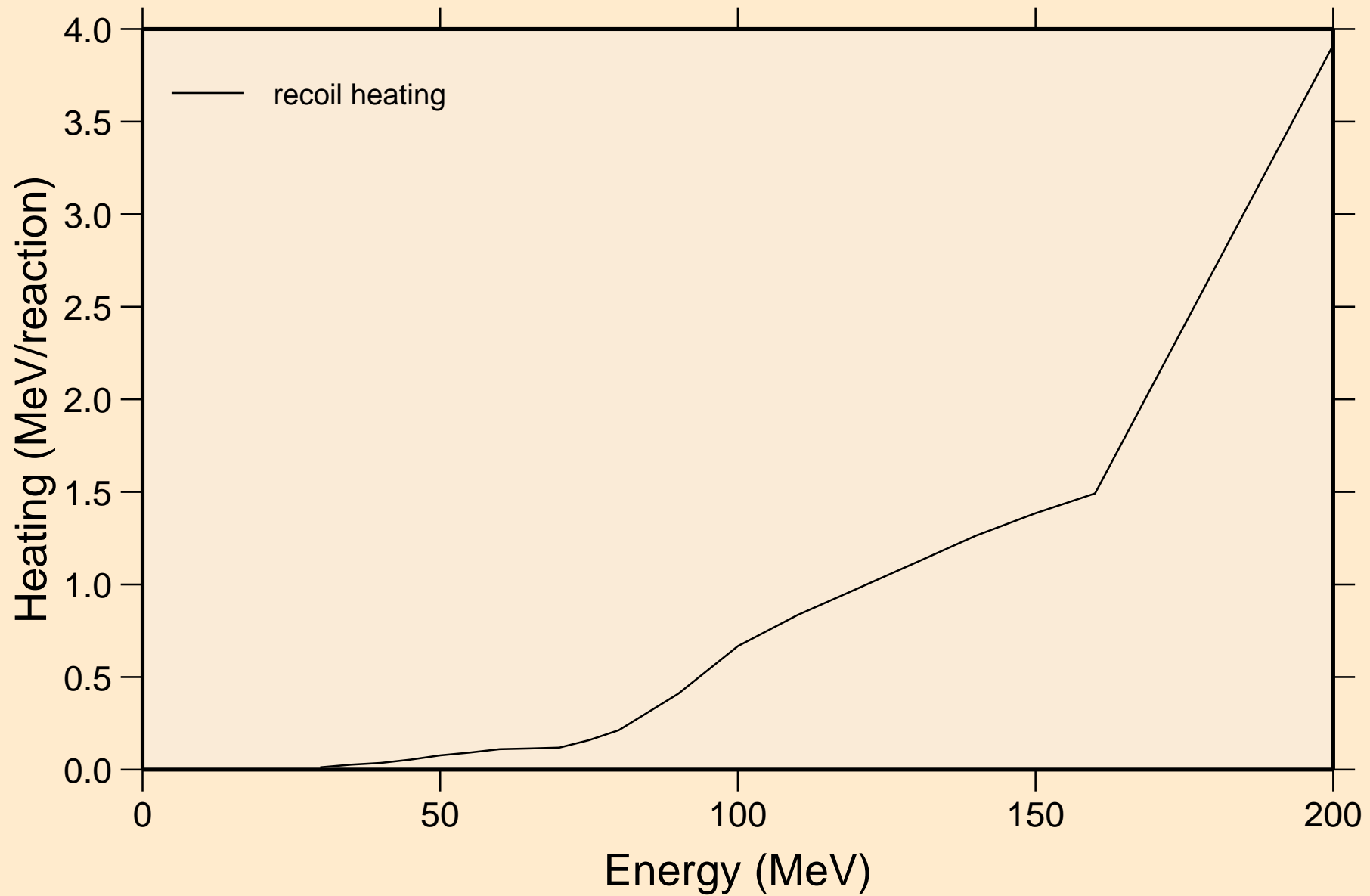
# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



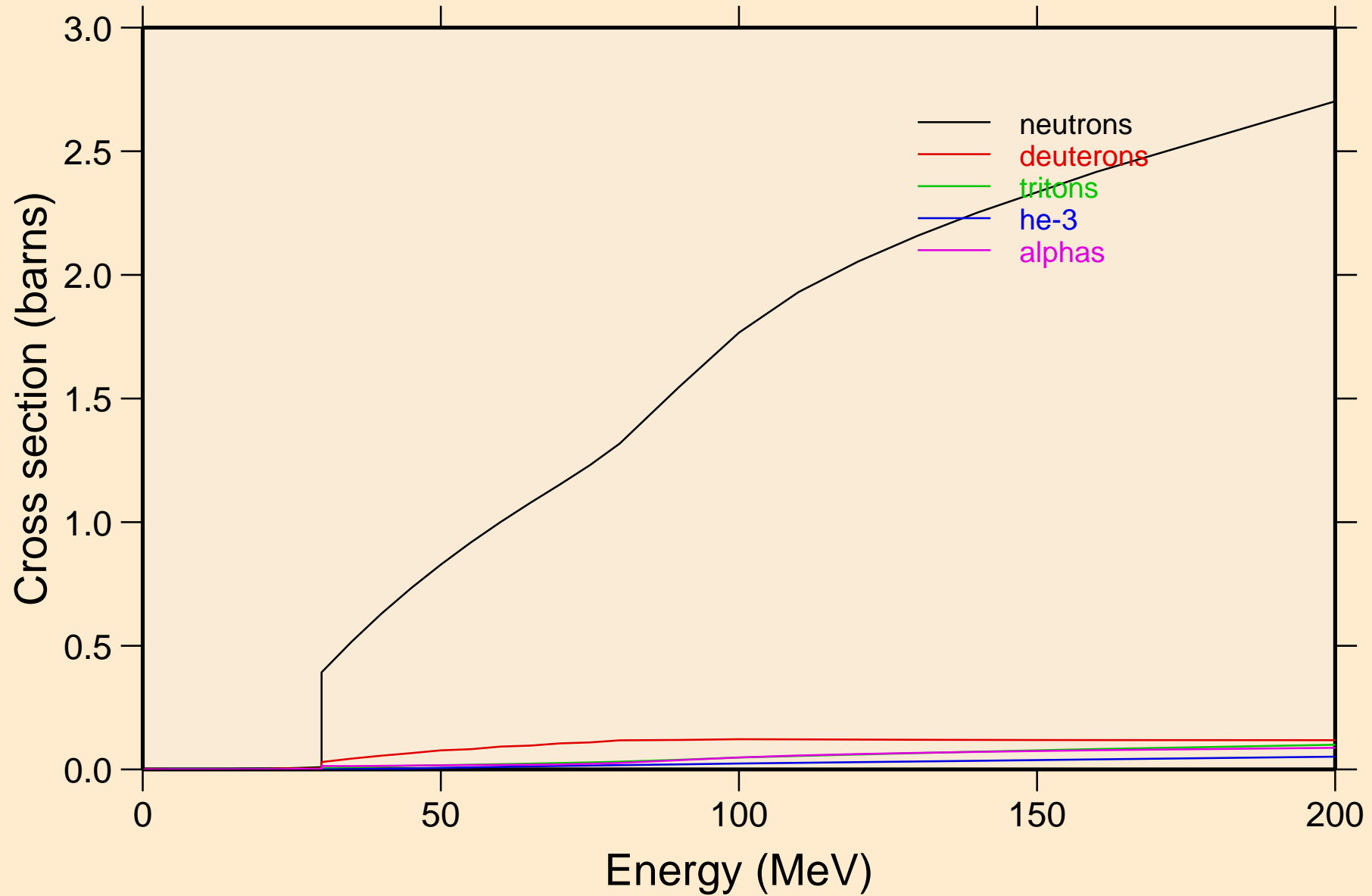
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## Recoil Heating



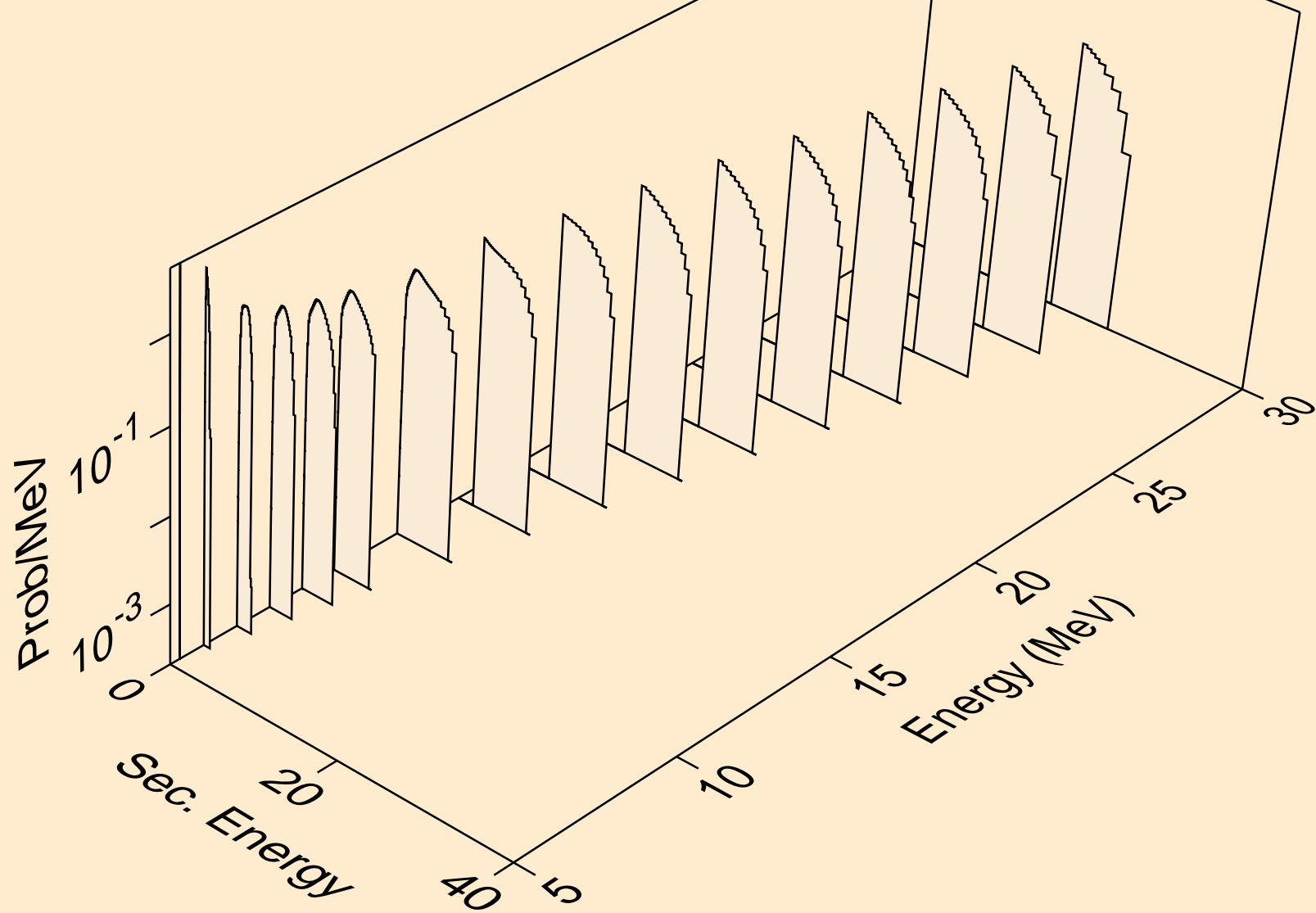
# HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

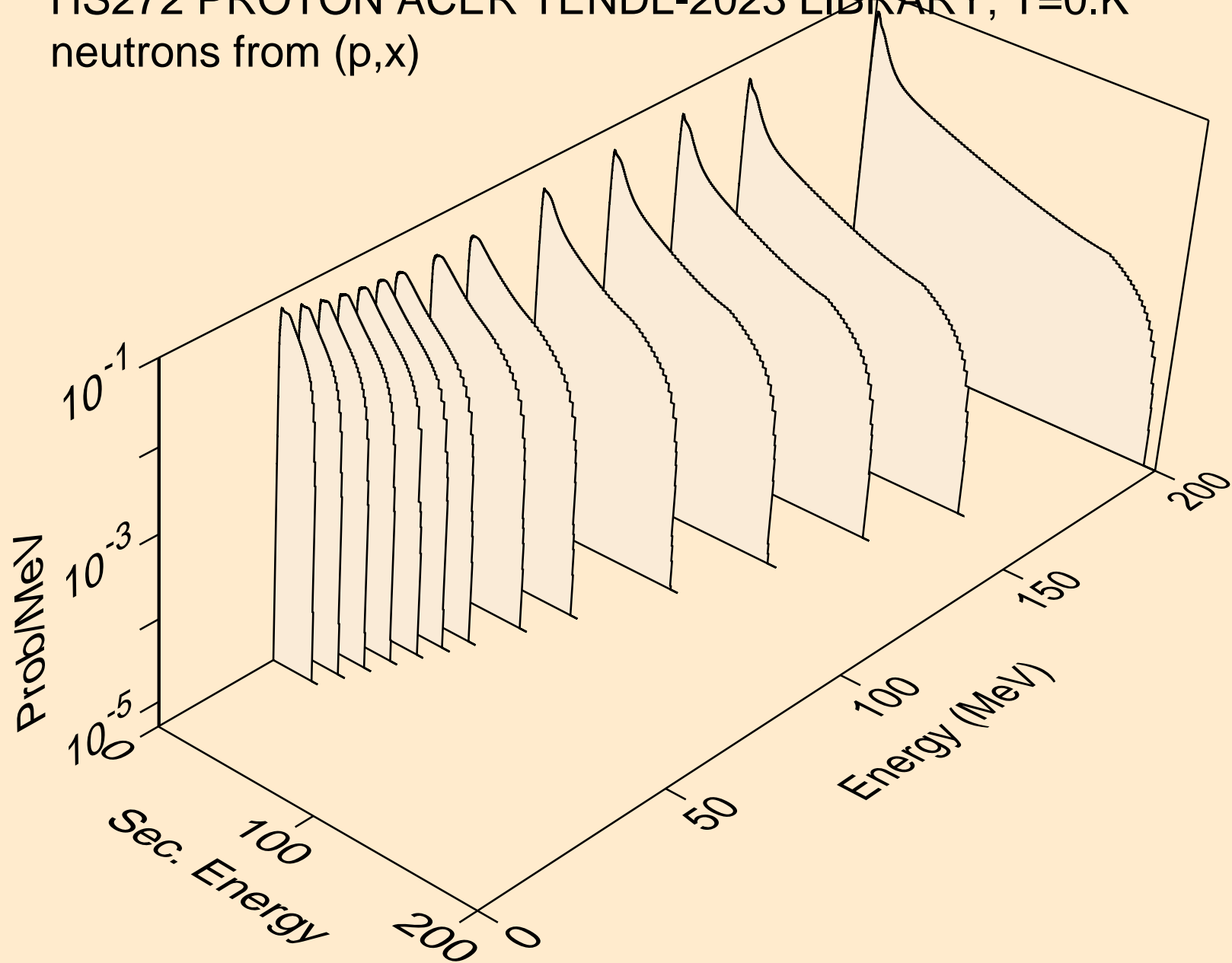




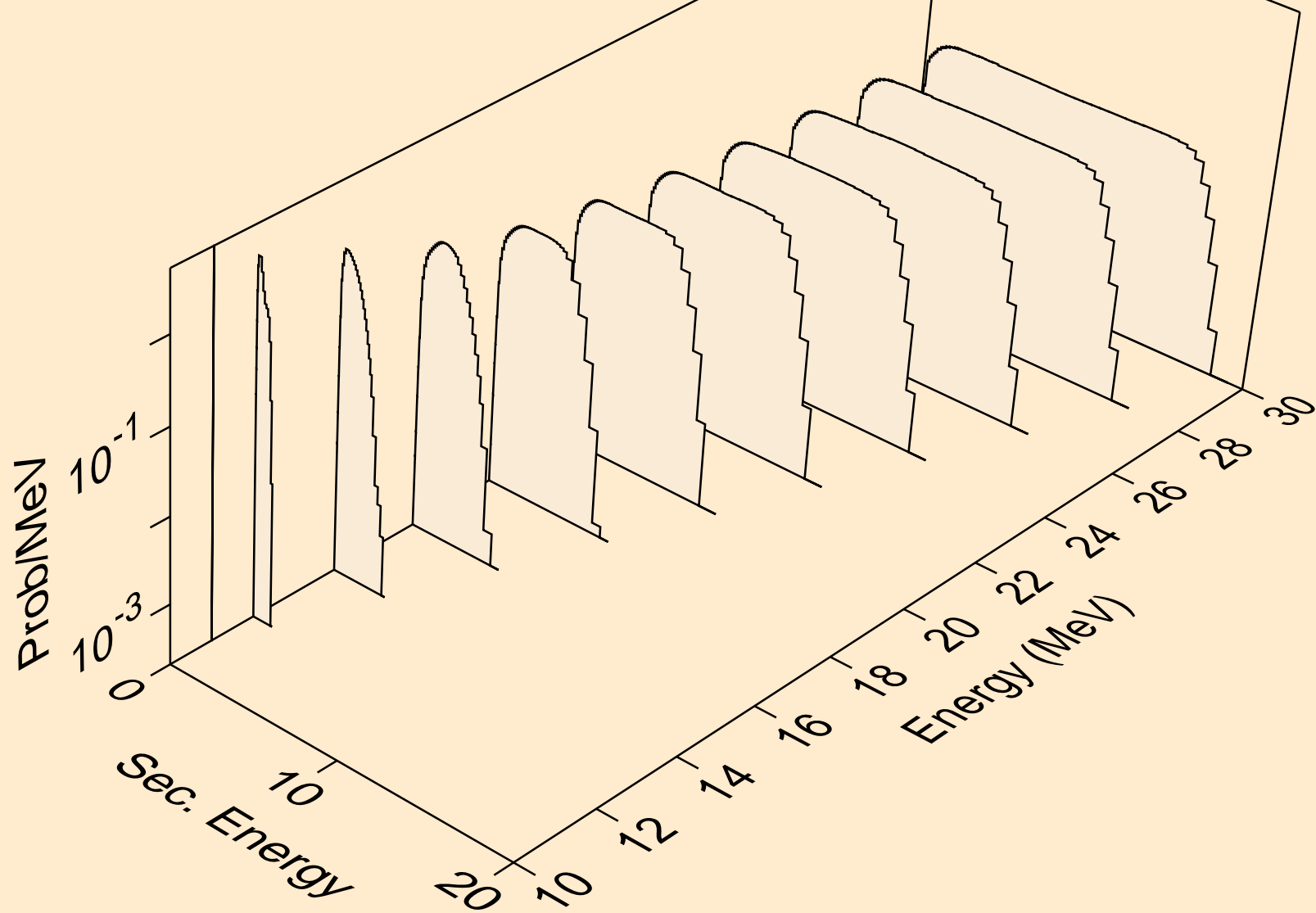
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



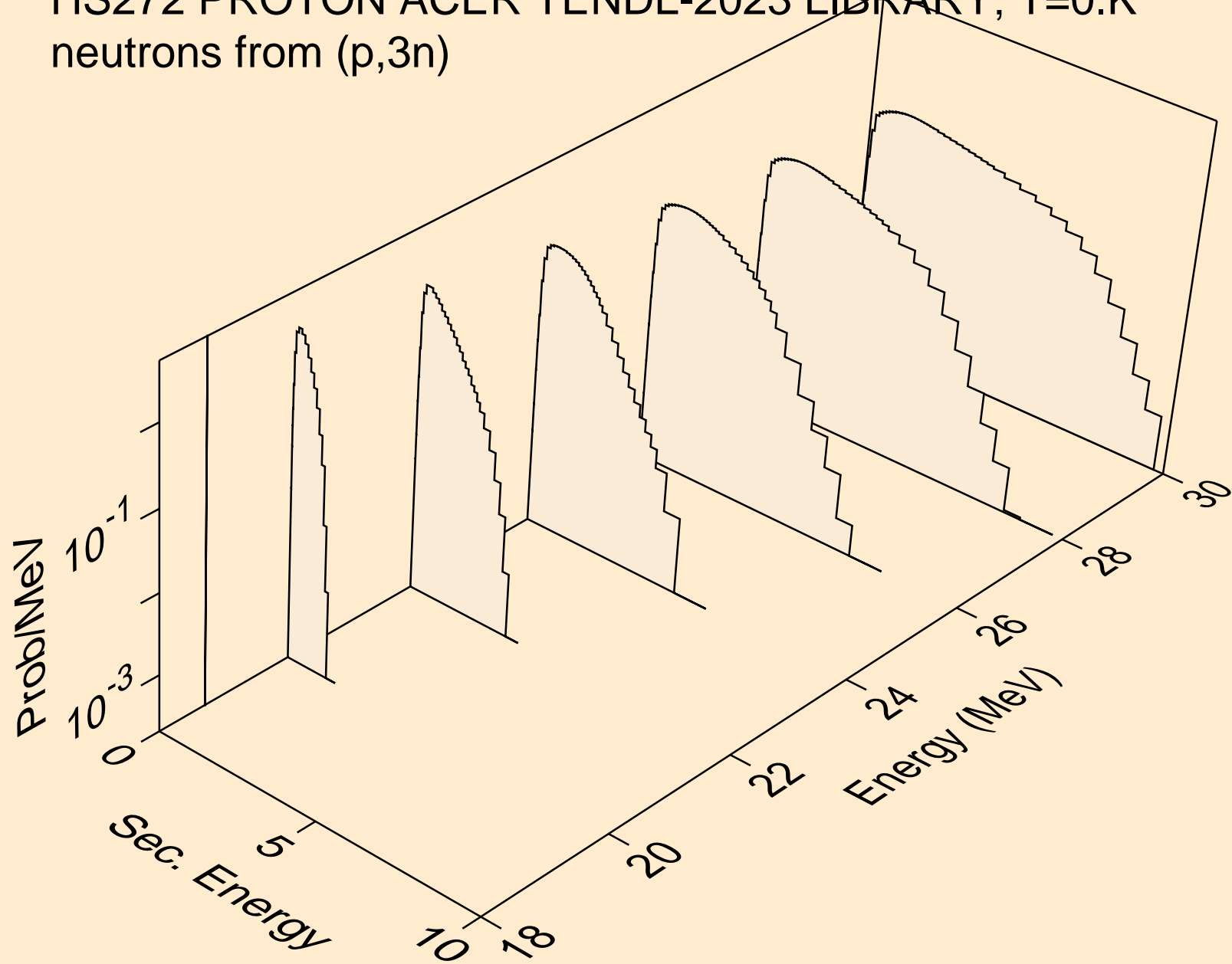
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



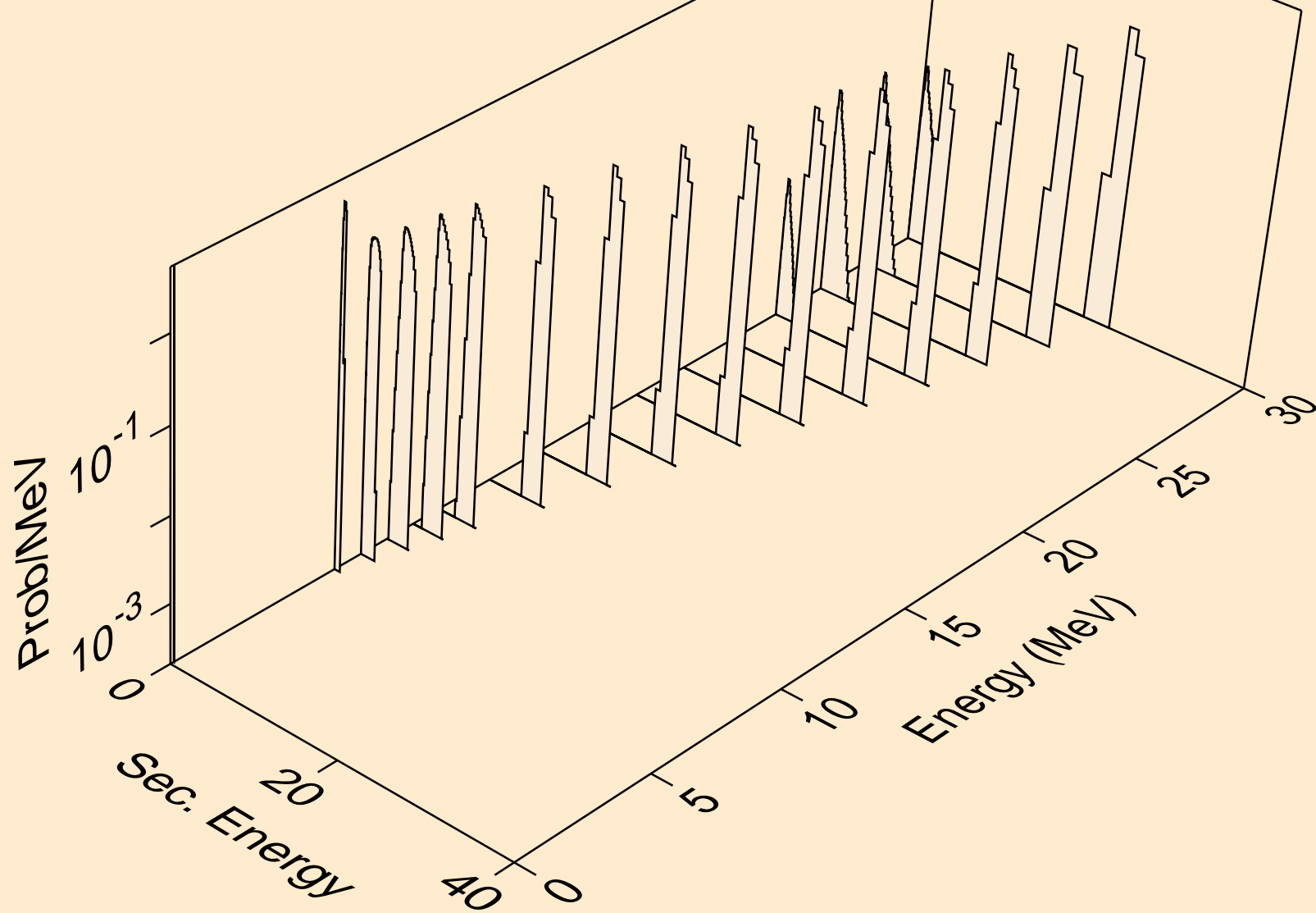
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



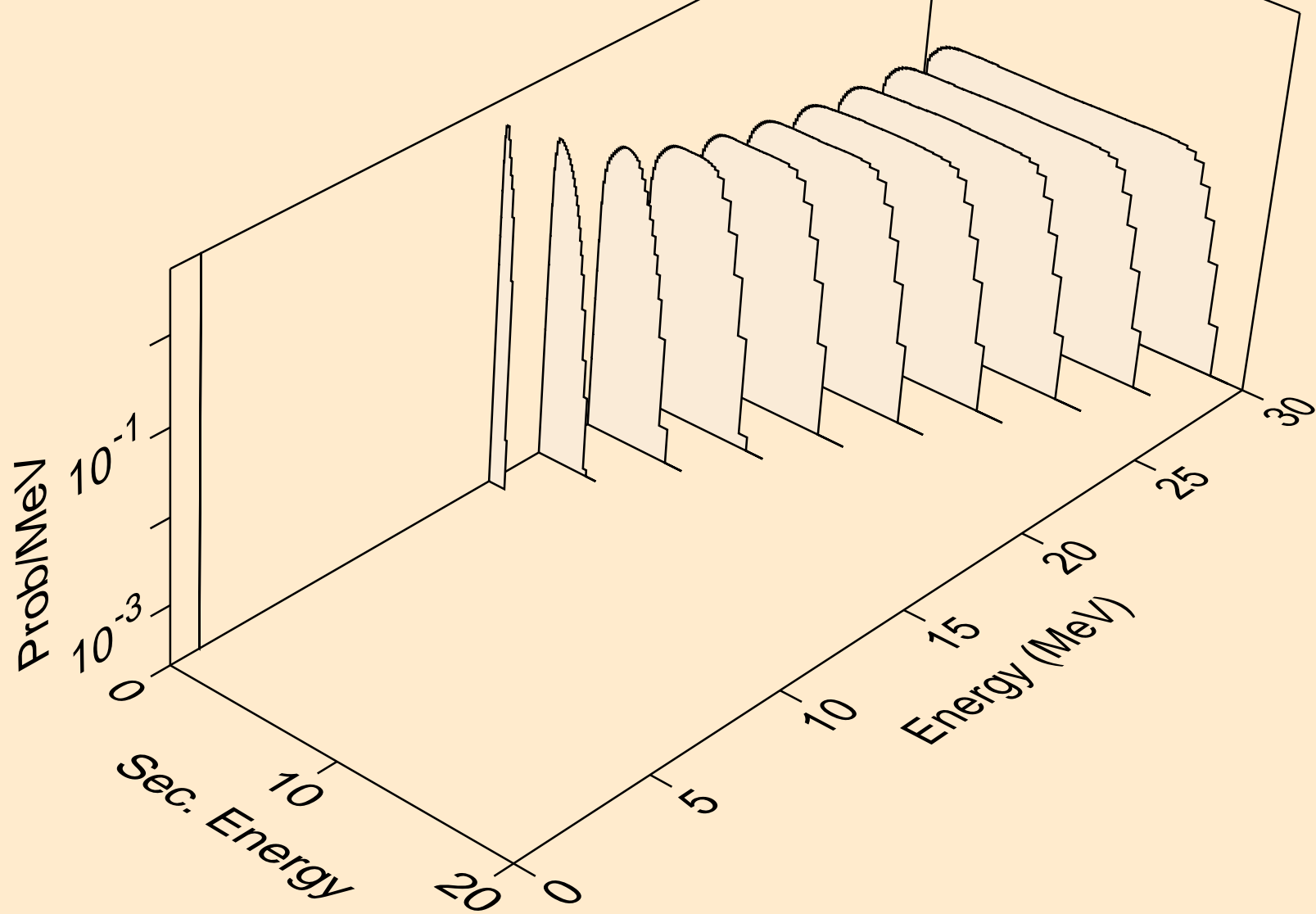
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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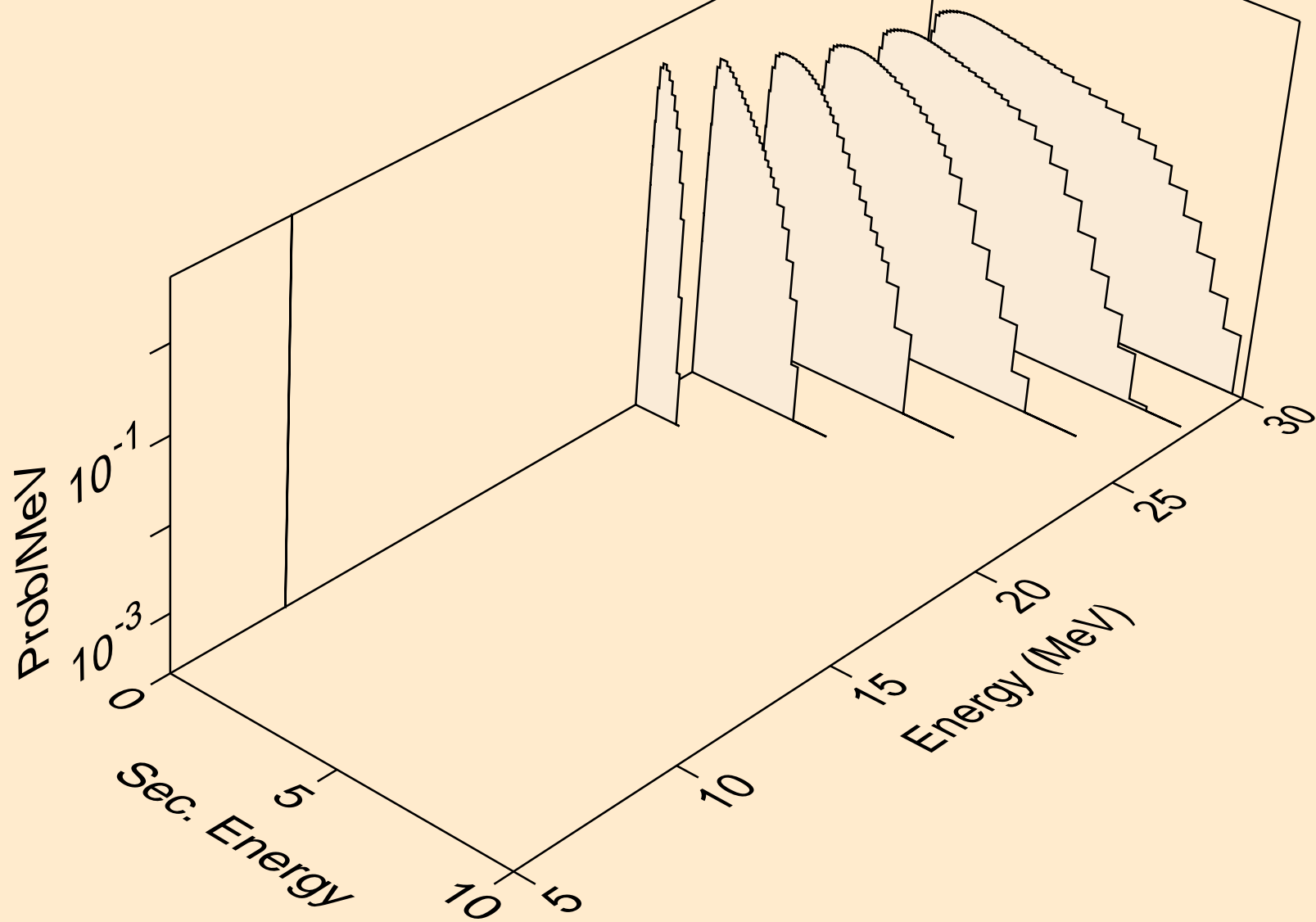
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



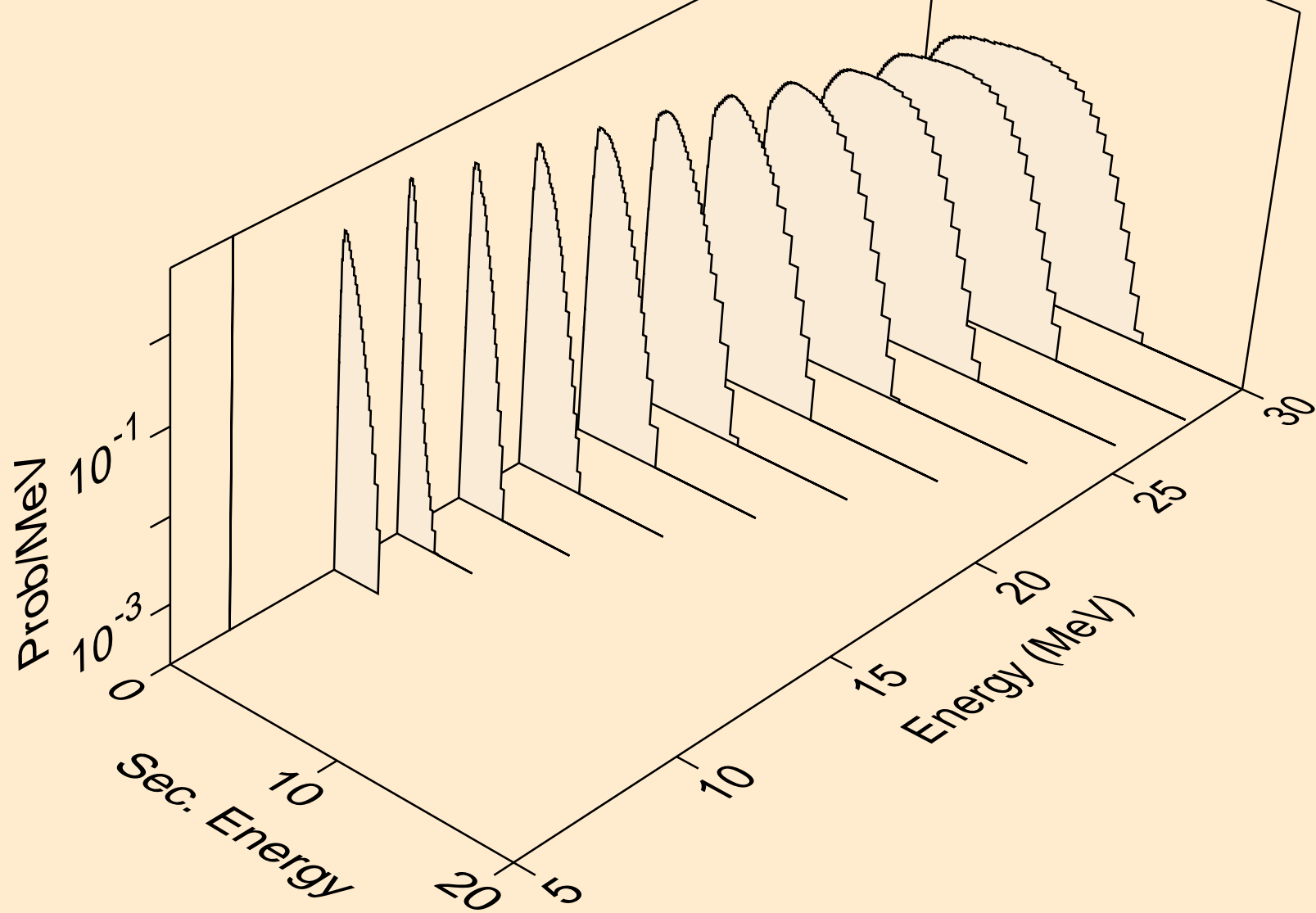
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

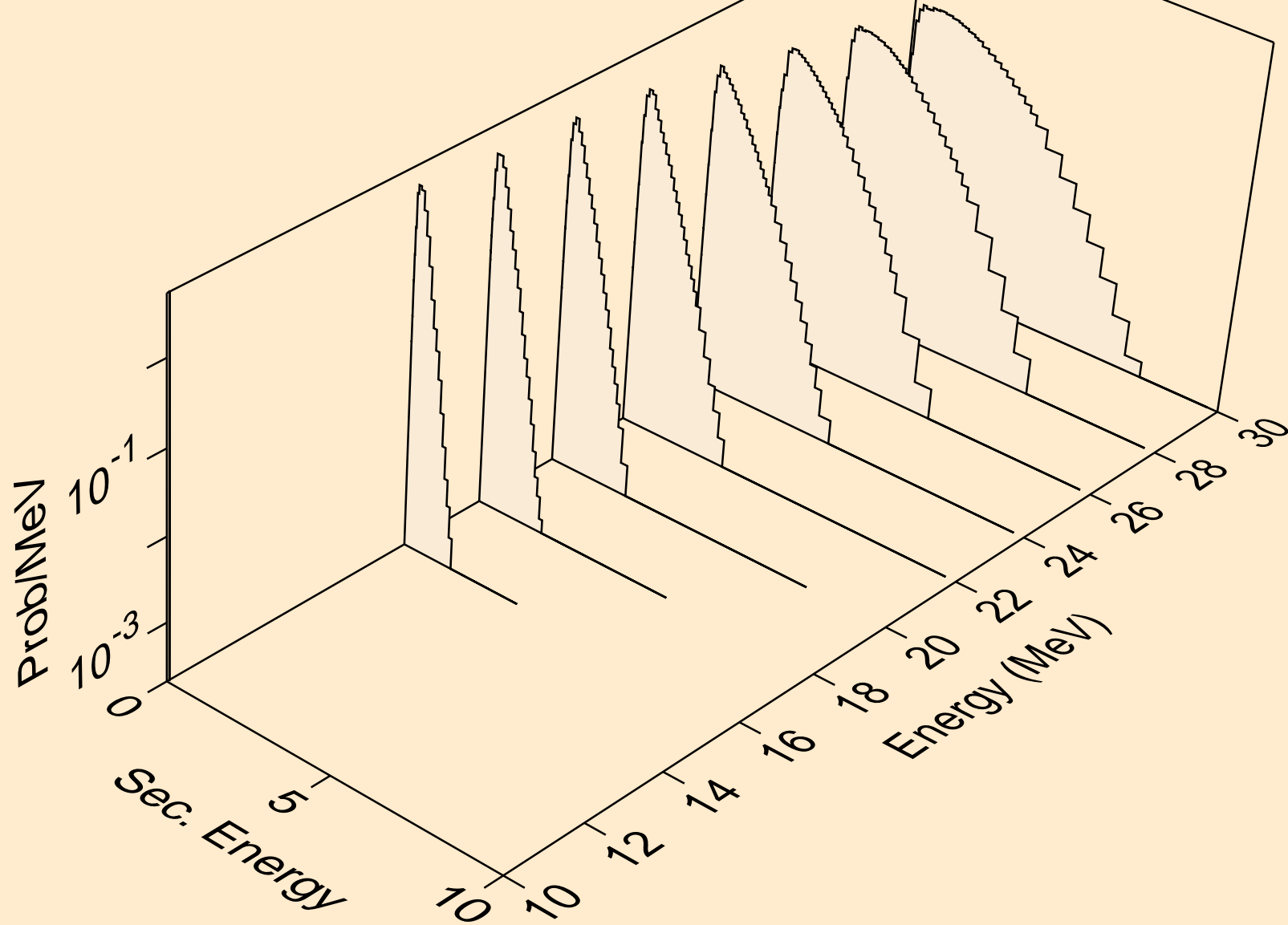


HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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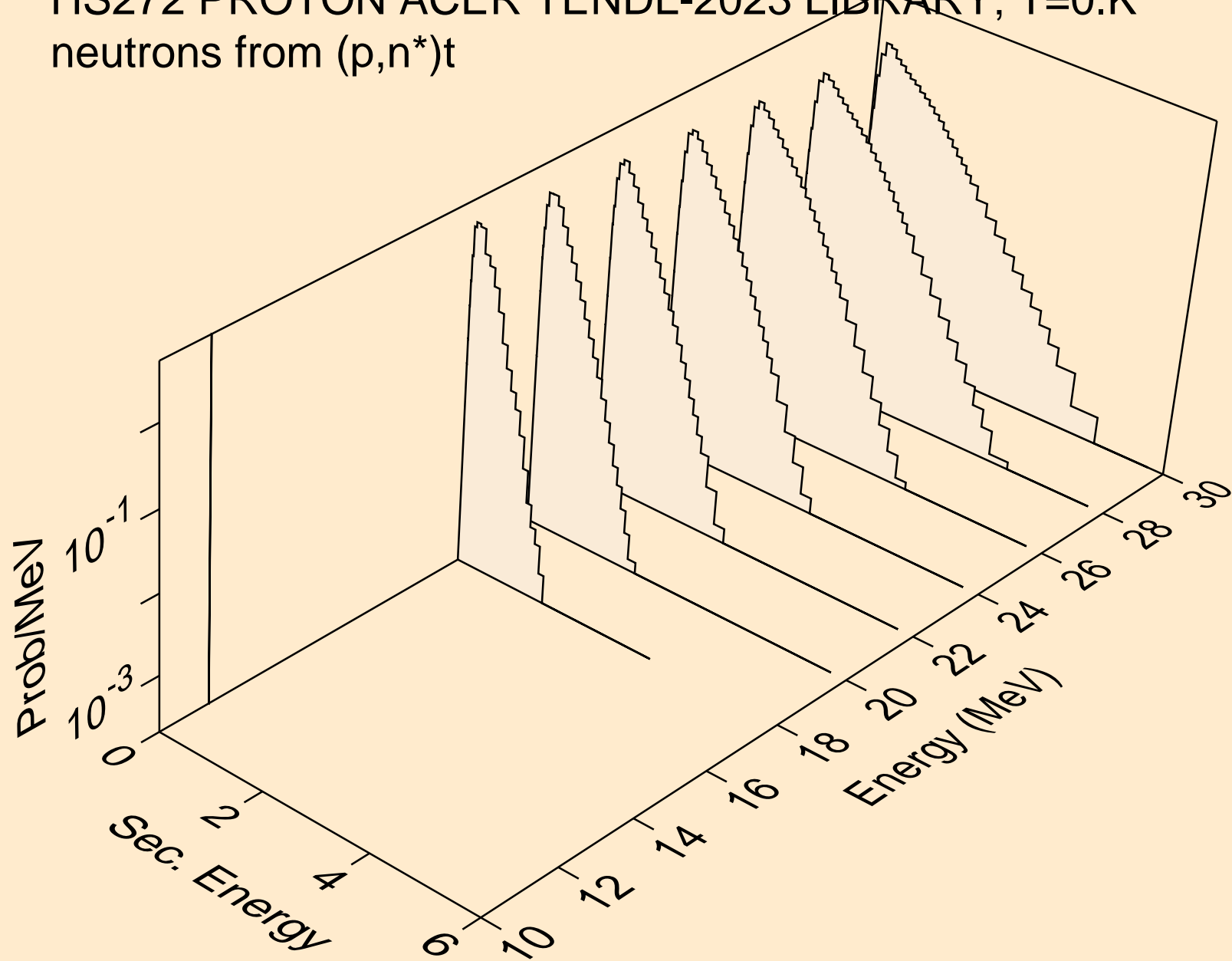




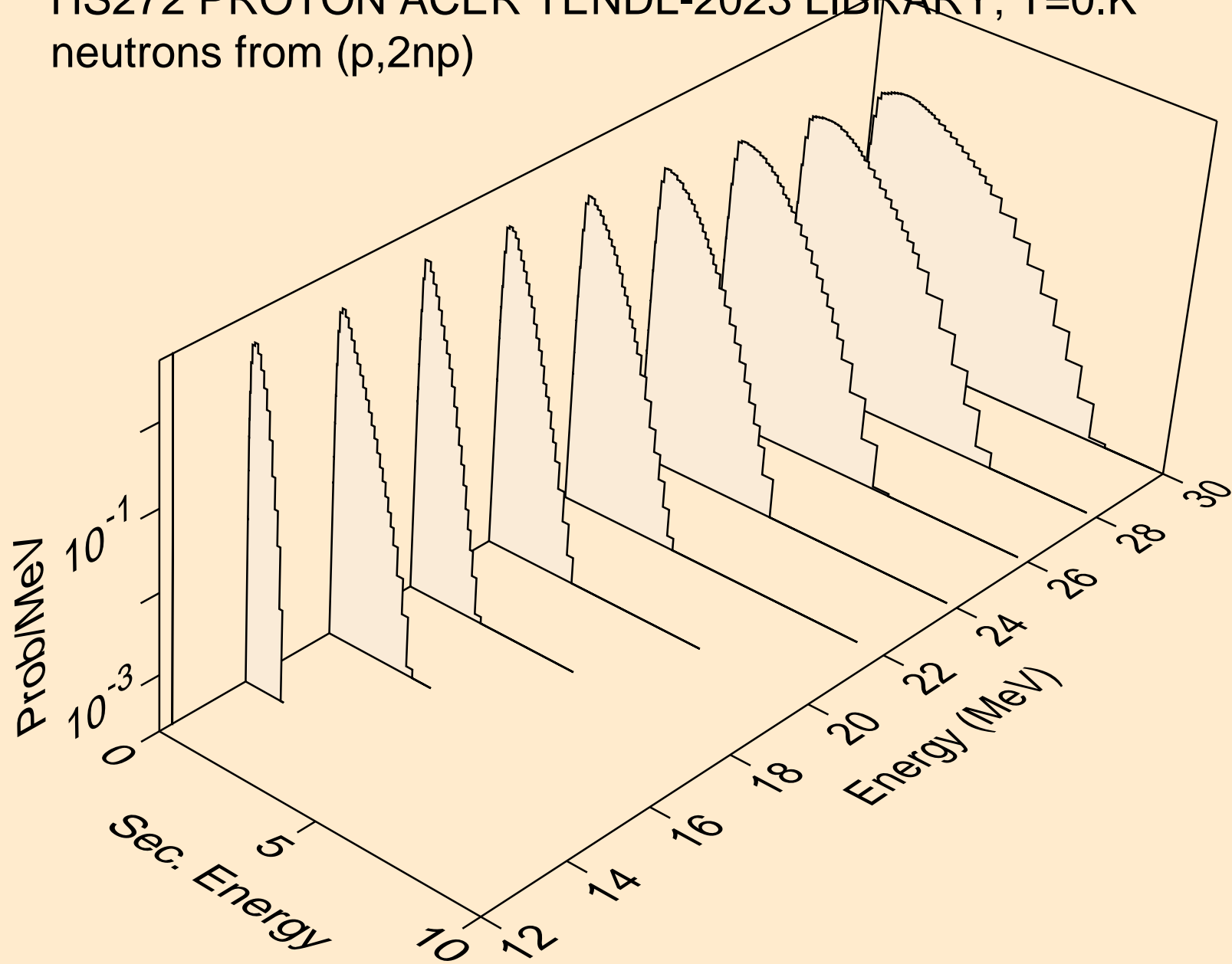
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neutrons from (p,n\*)d



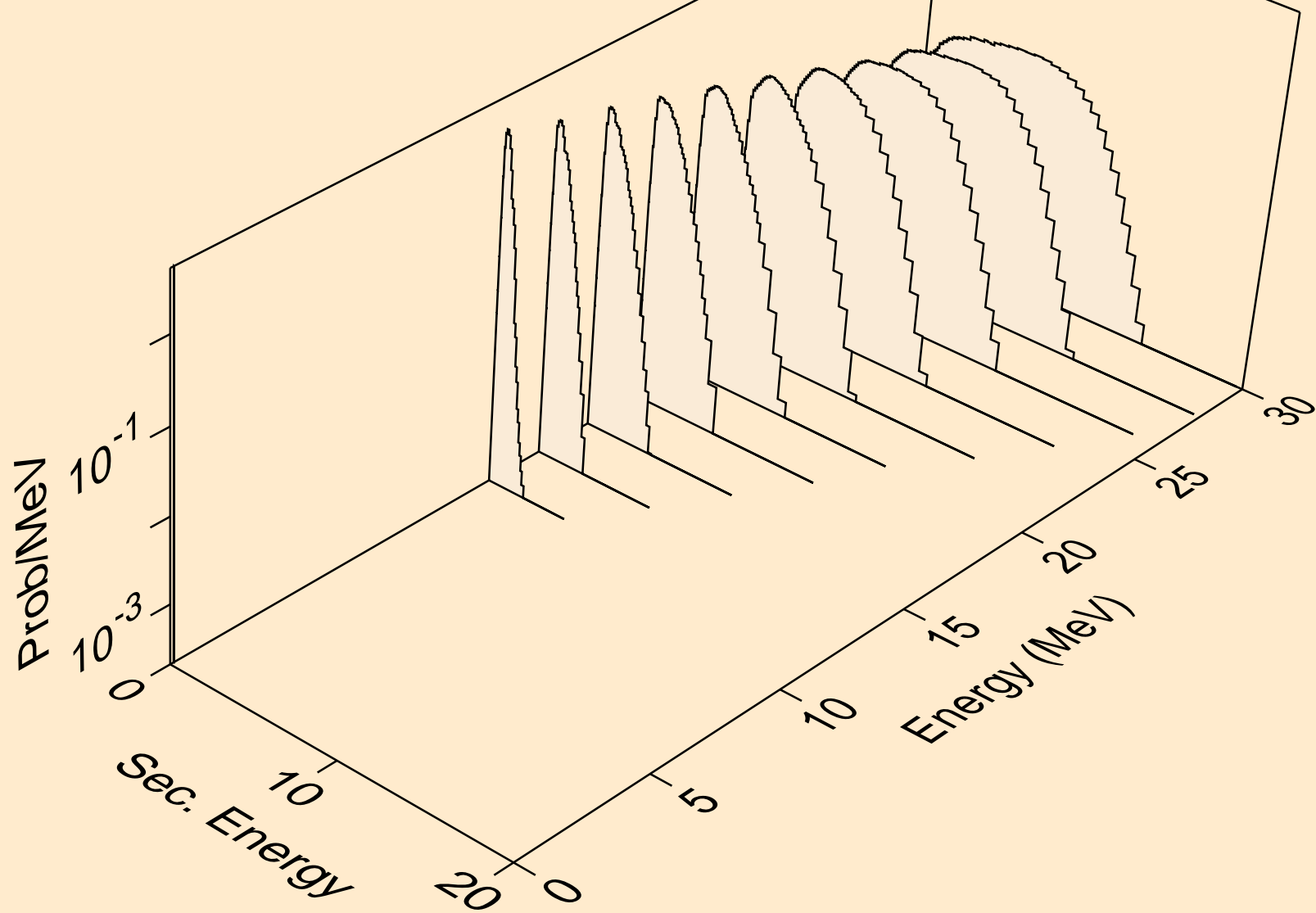
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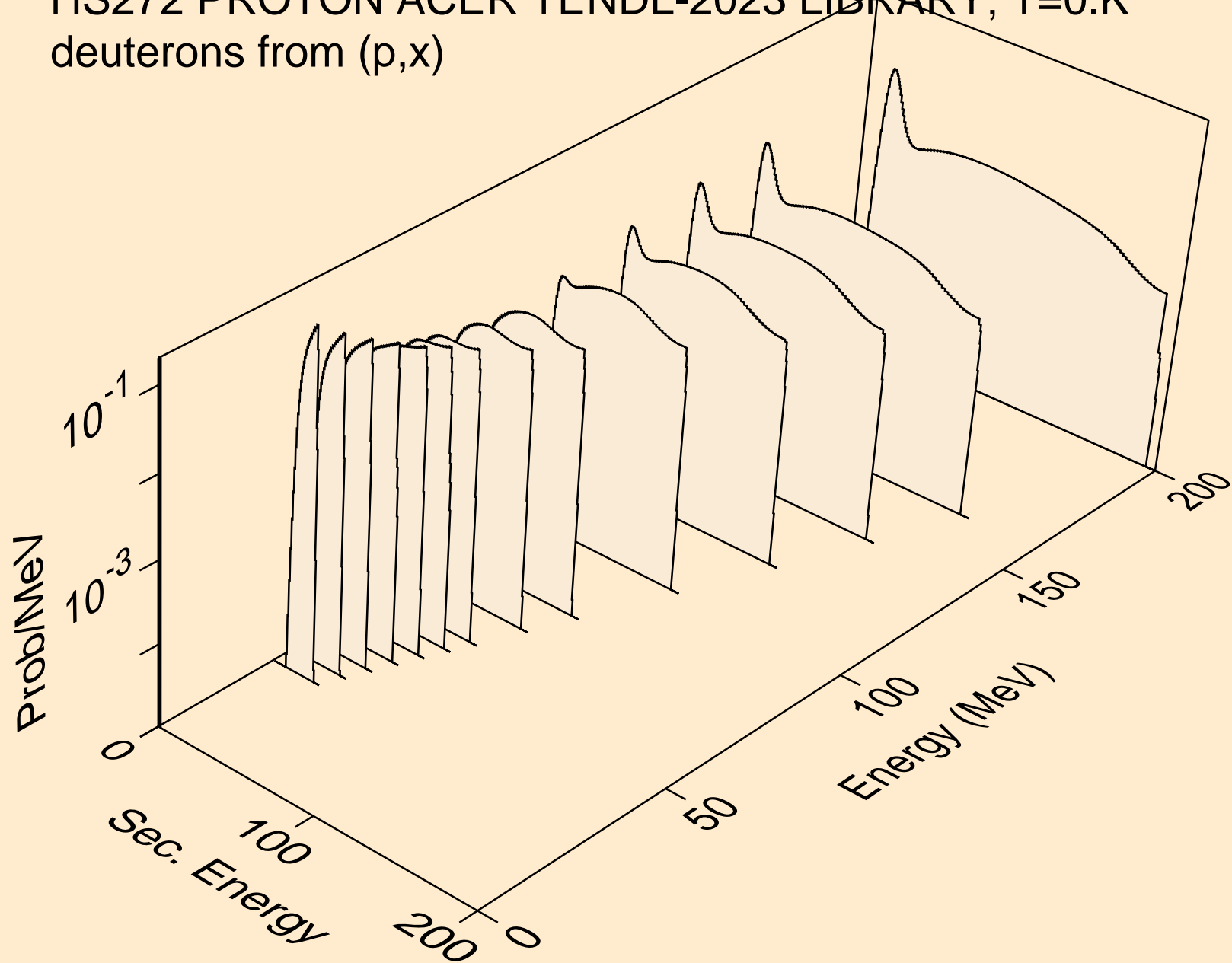
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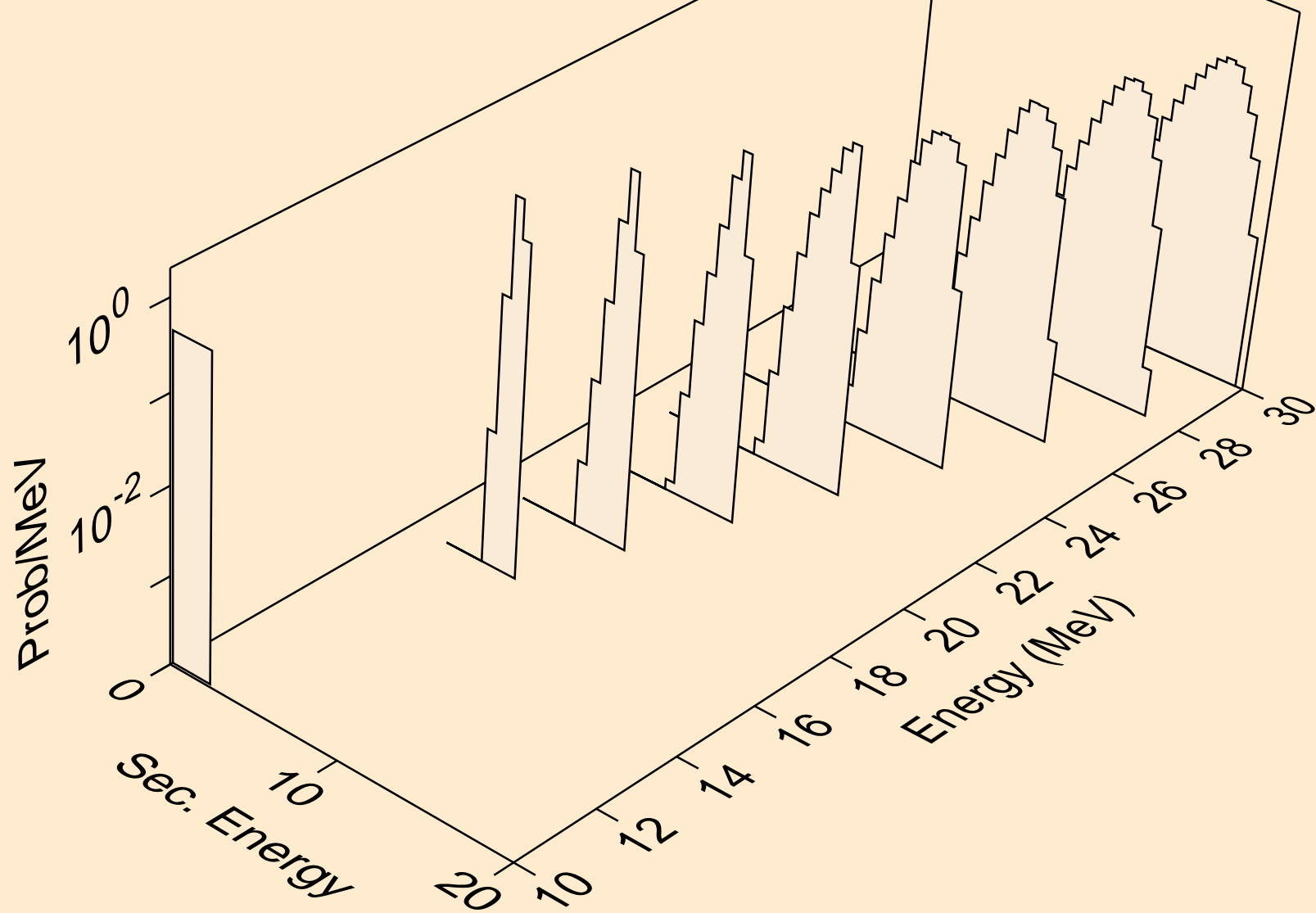
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neutrons from (p,npa)



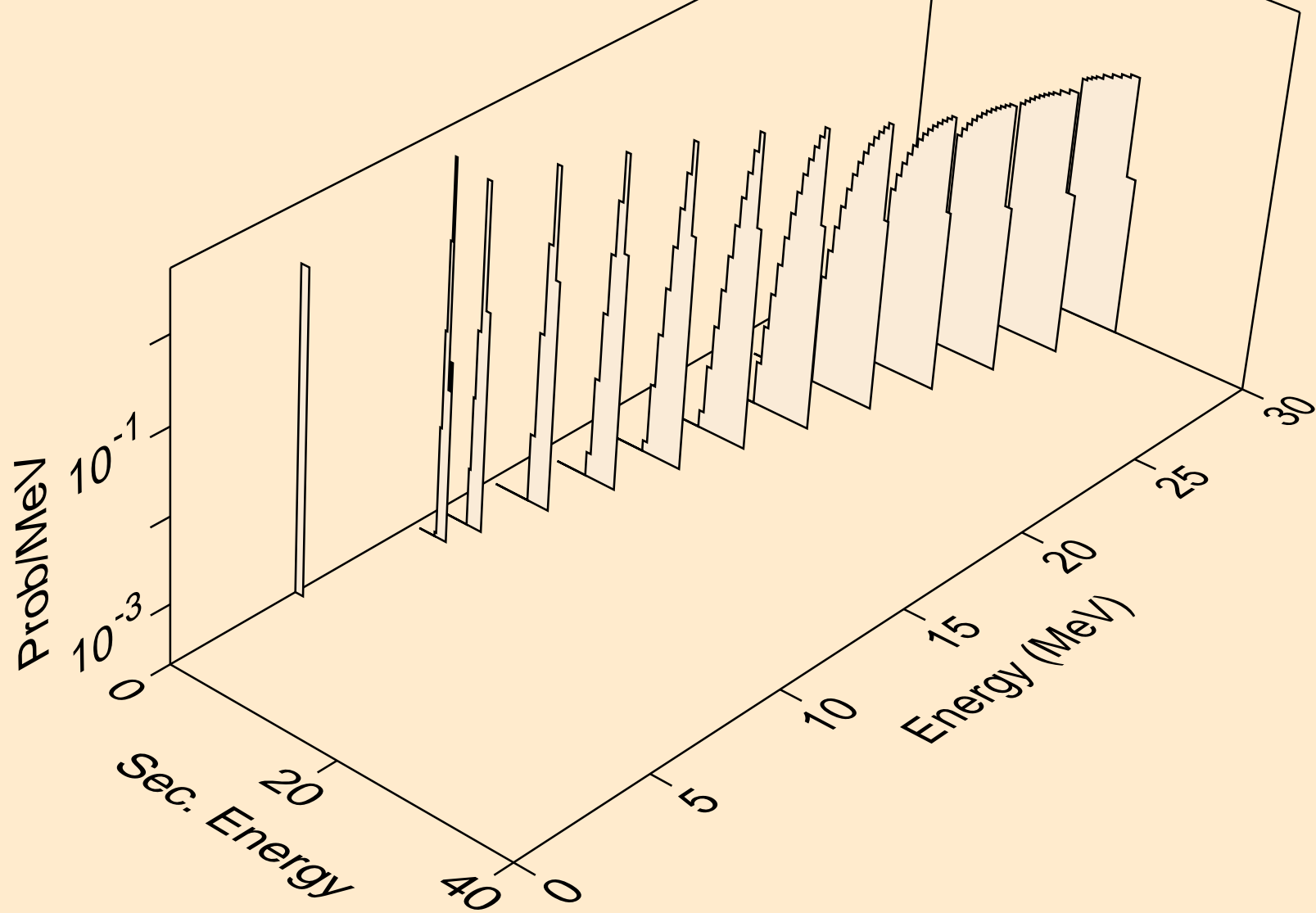
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



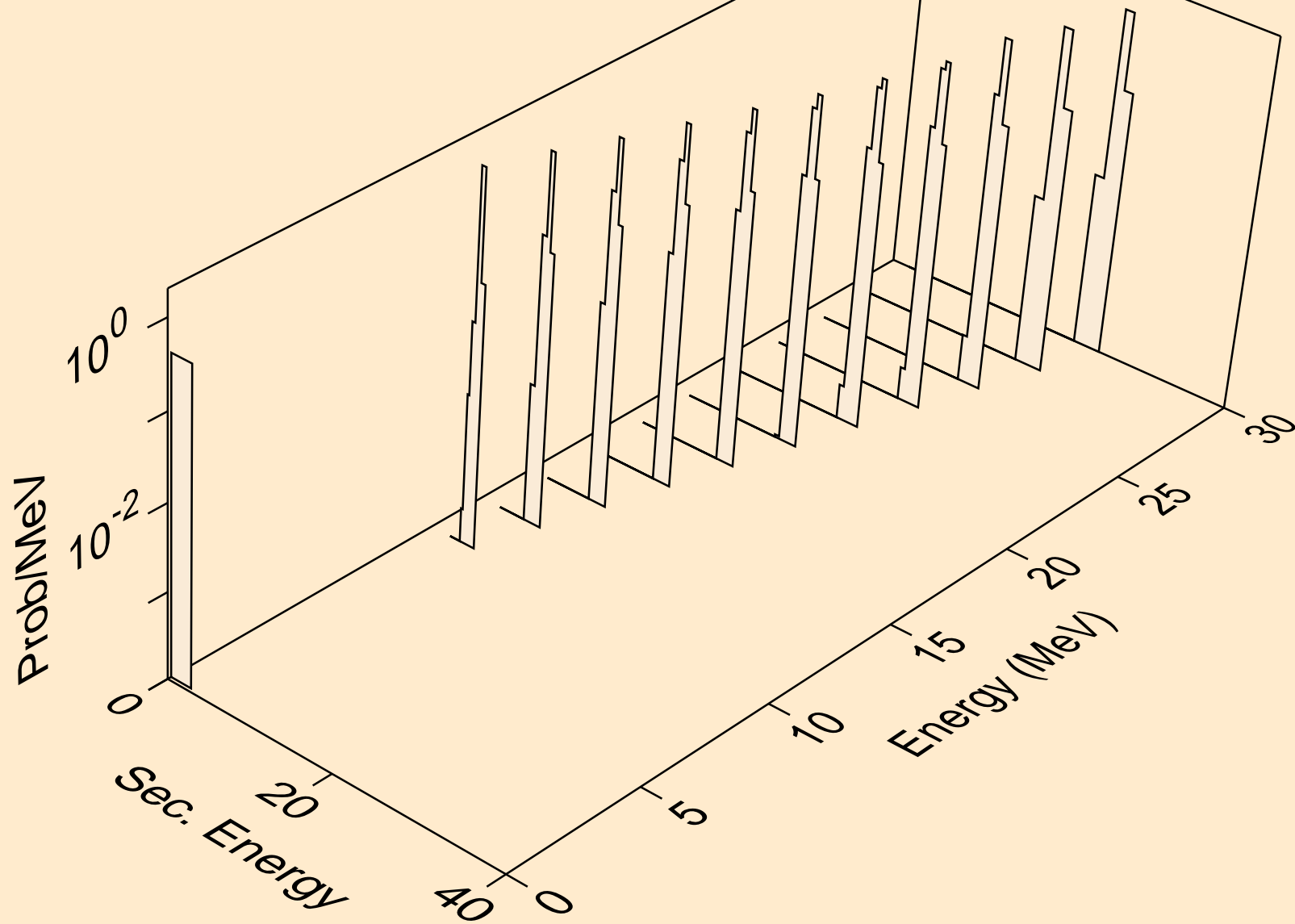
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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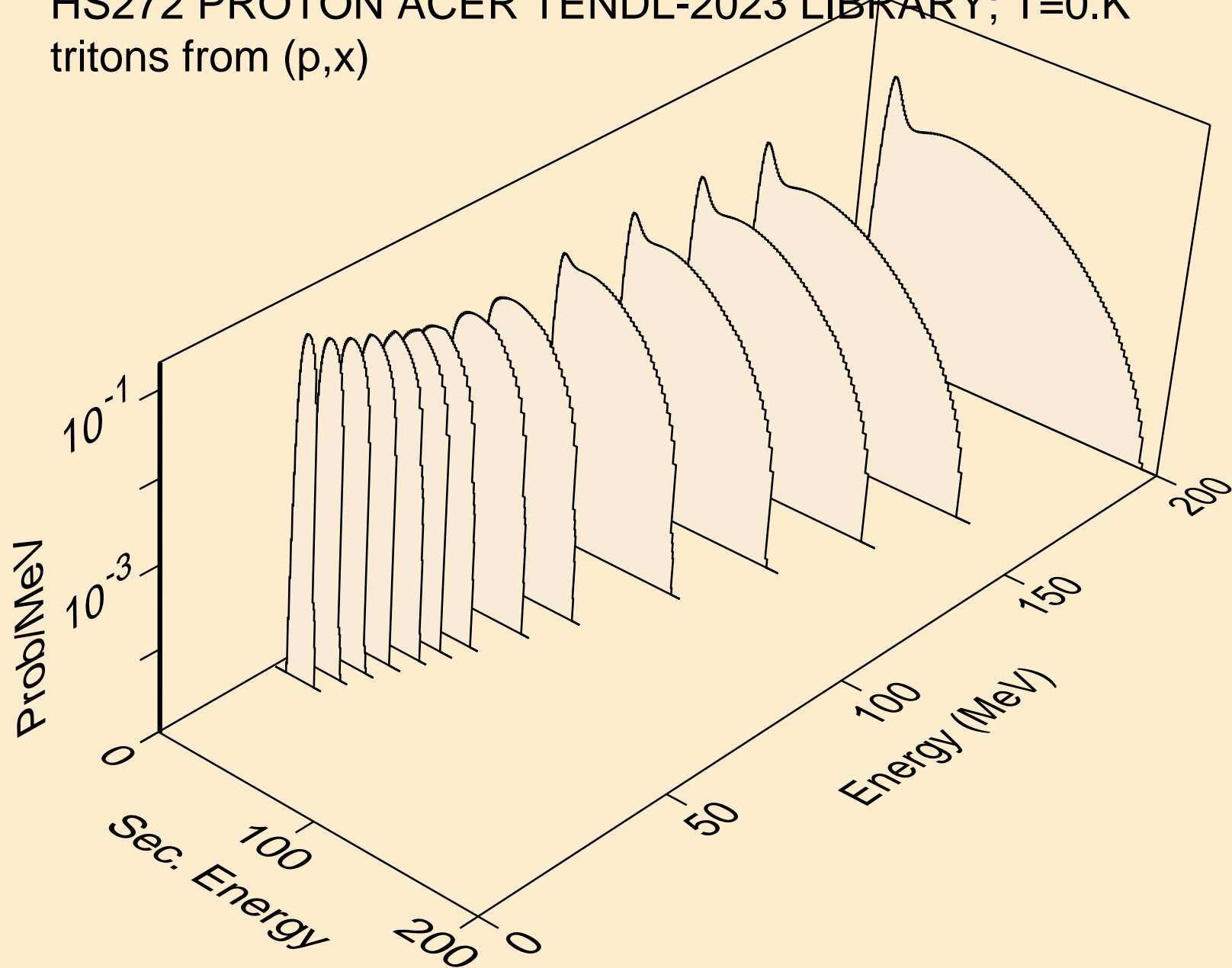


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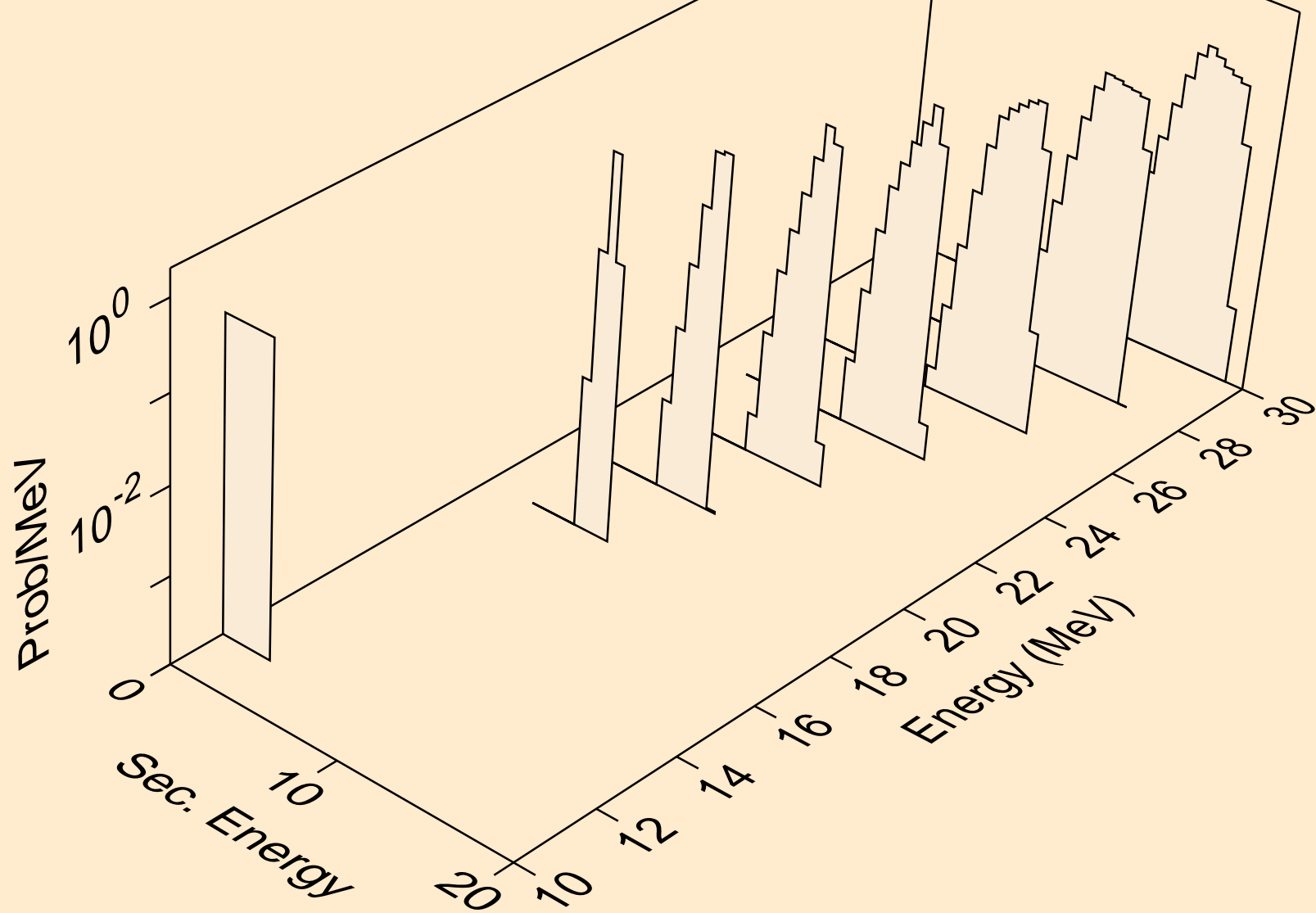




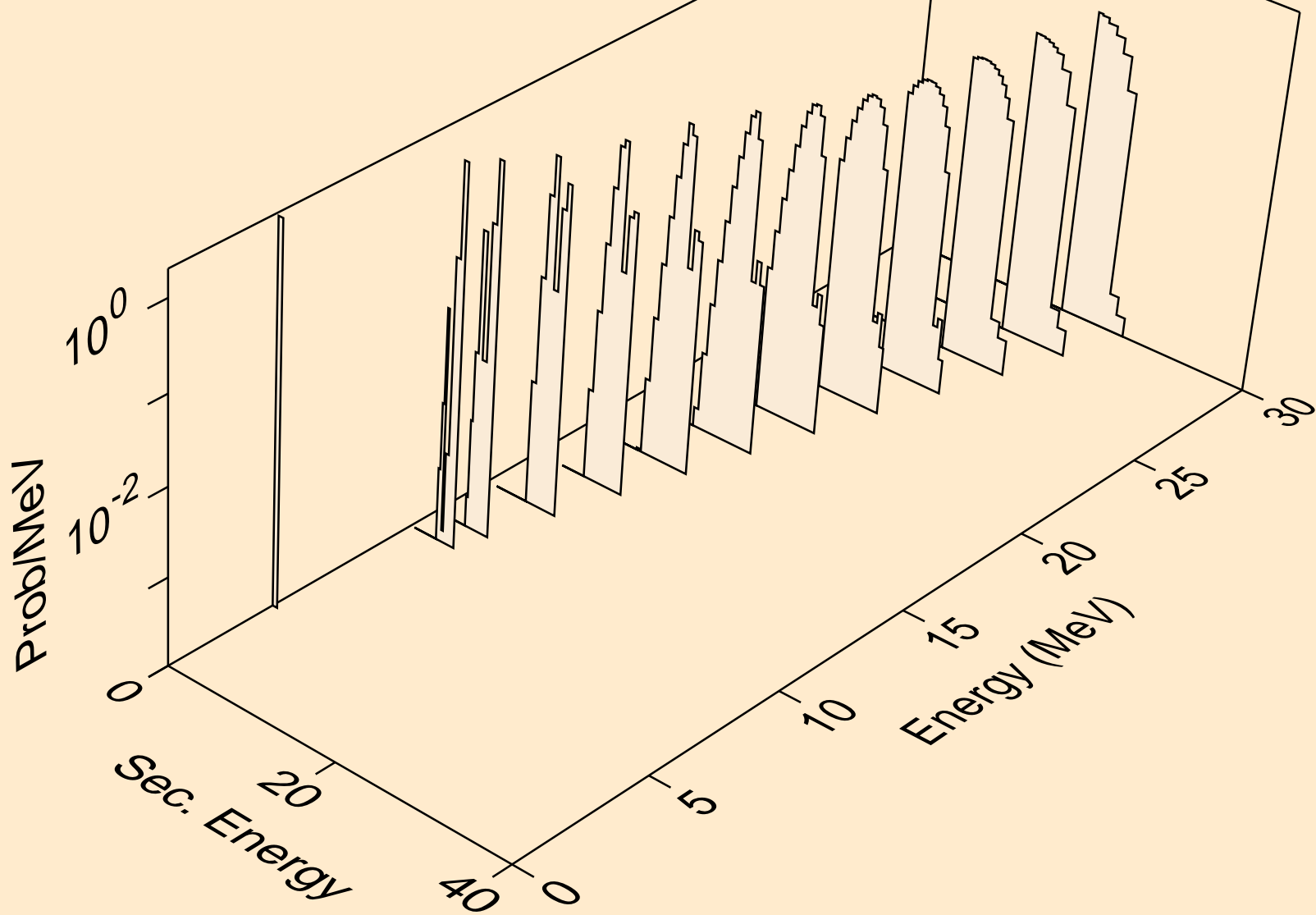
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



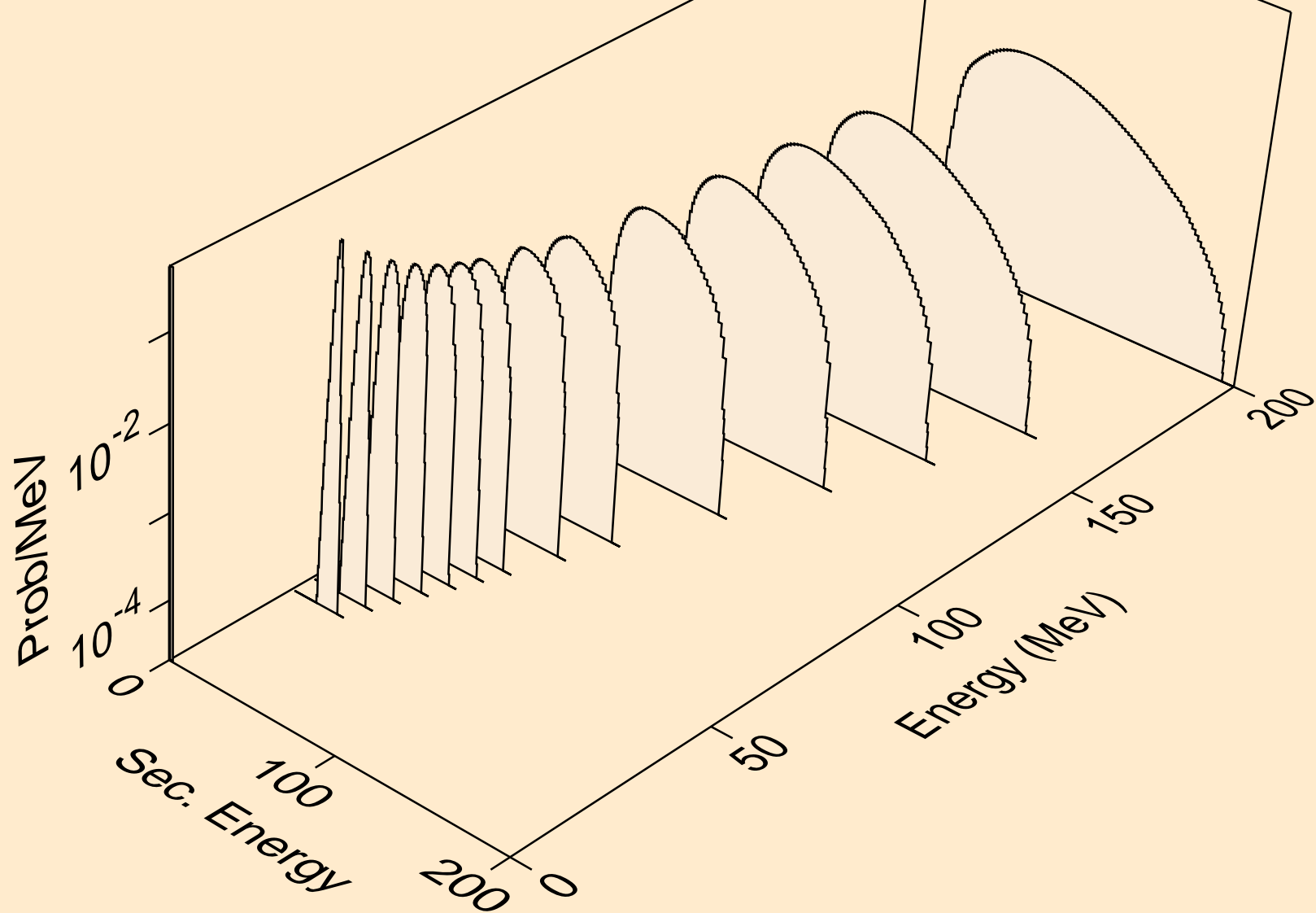
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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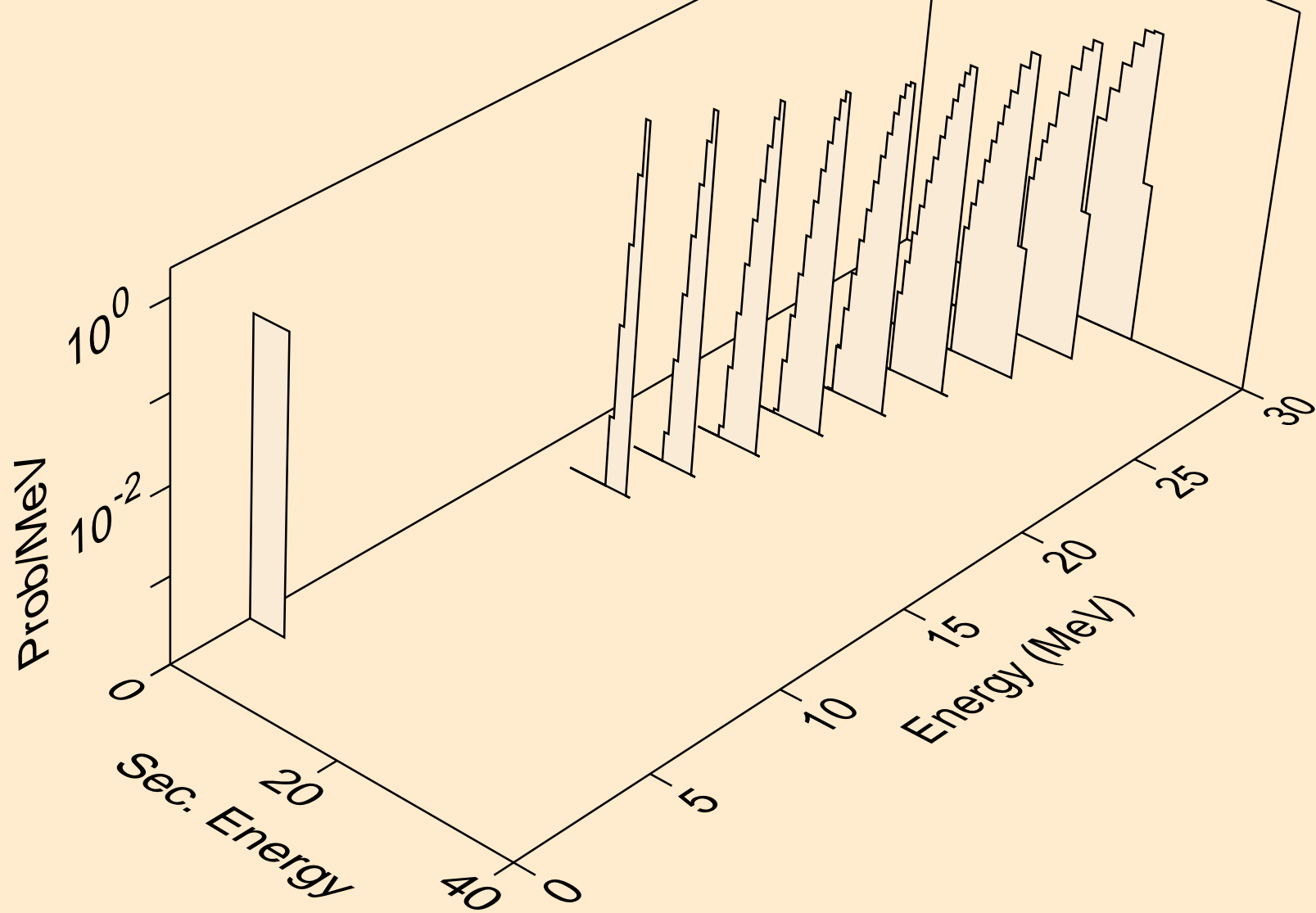
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tritons from (p,t)



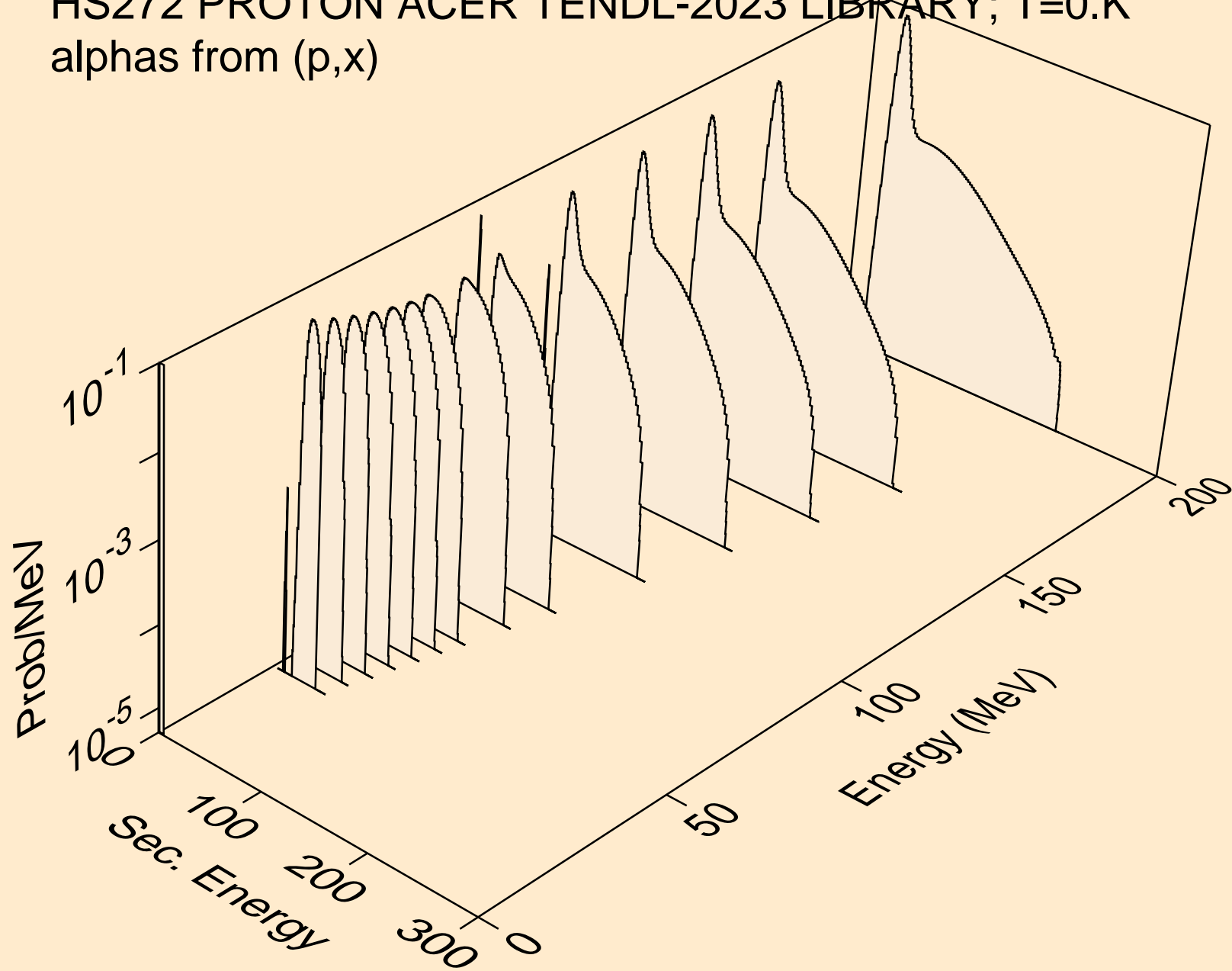
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



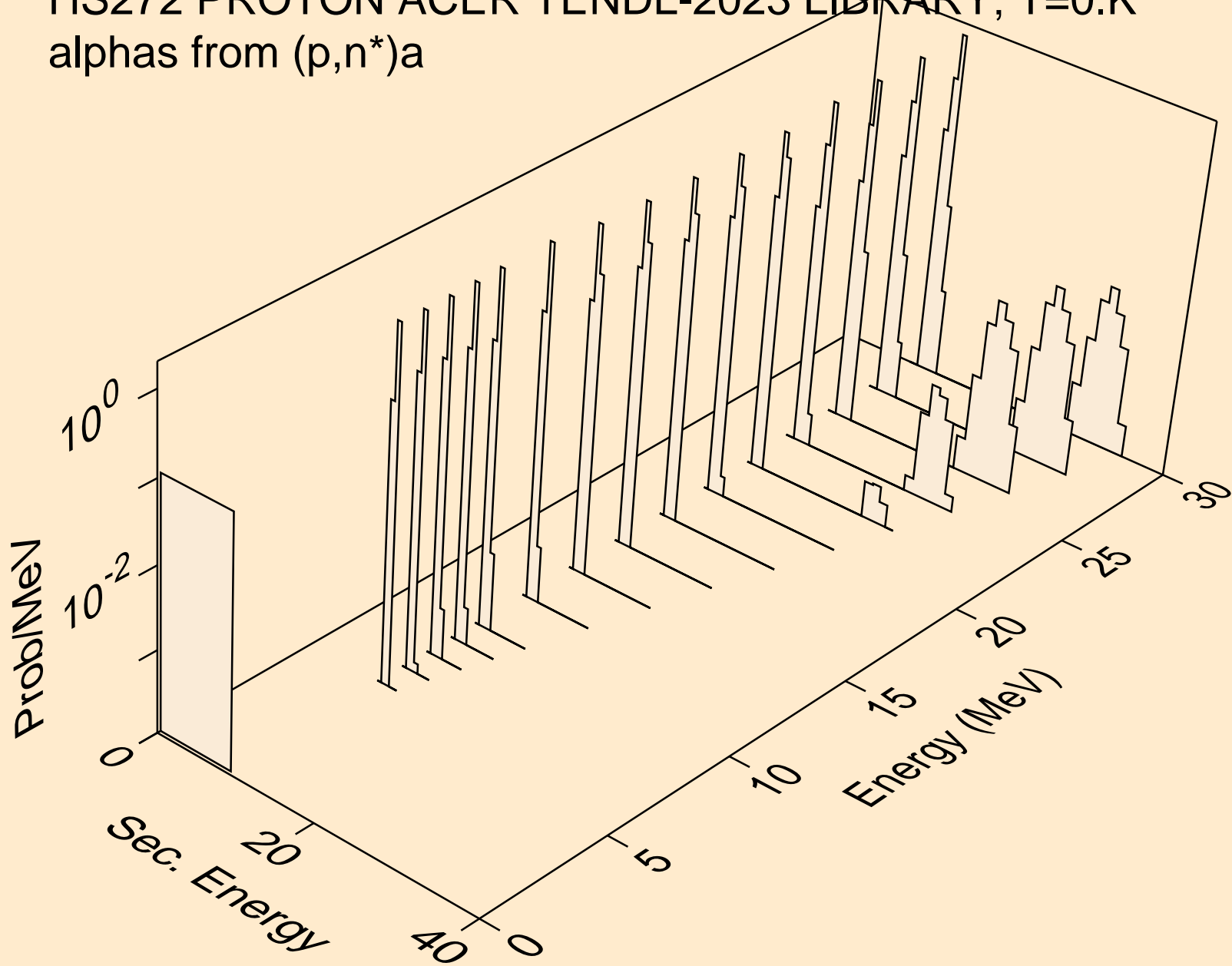
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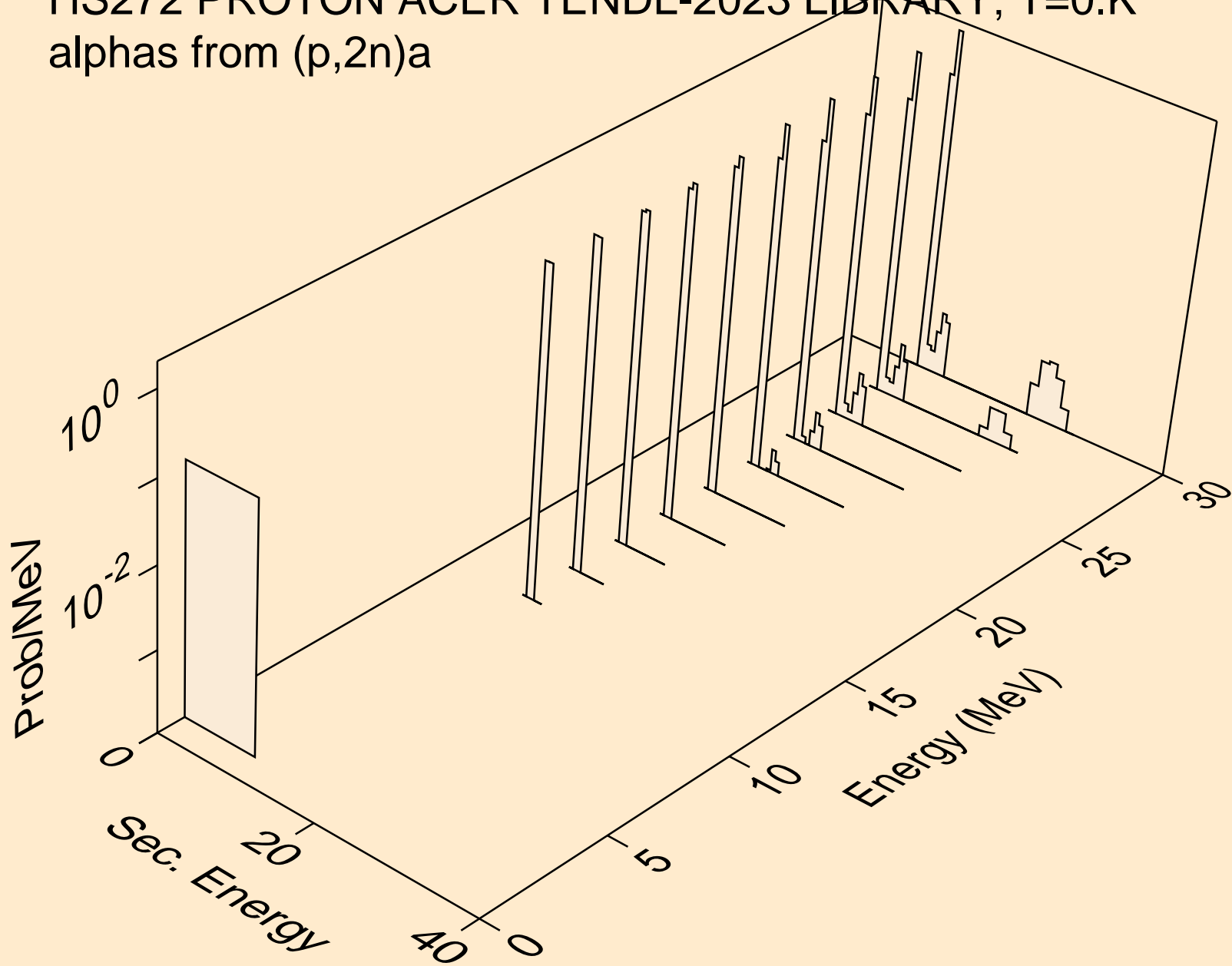
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

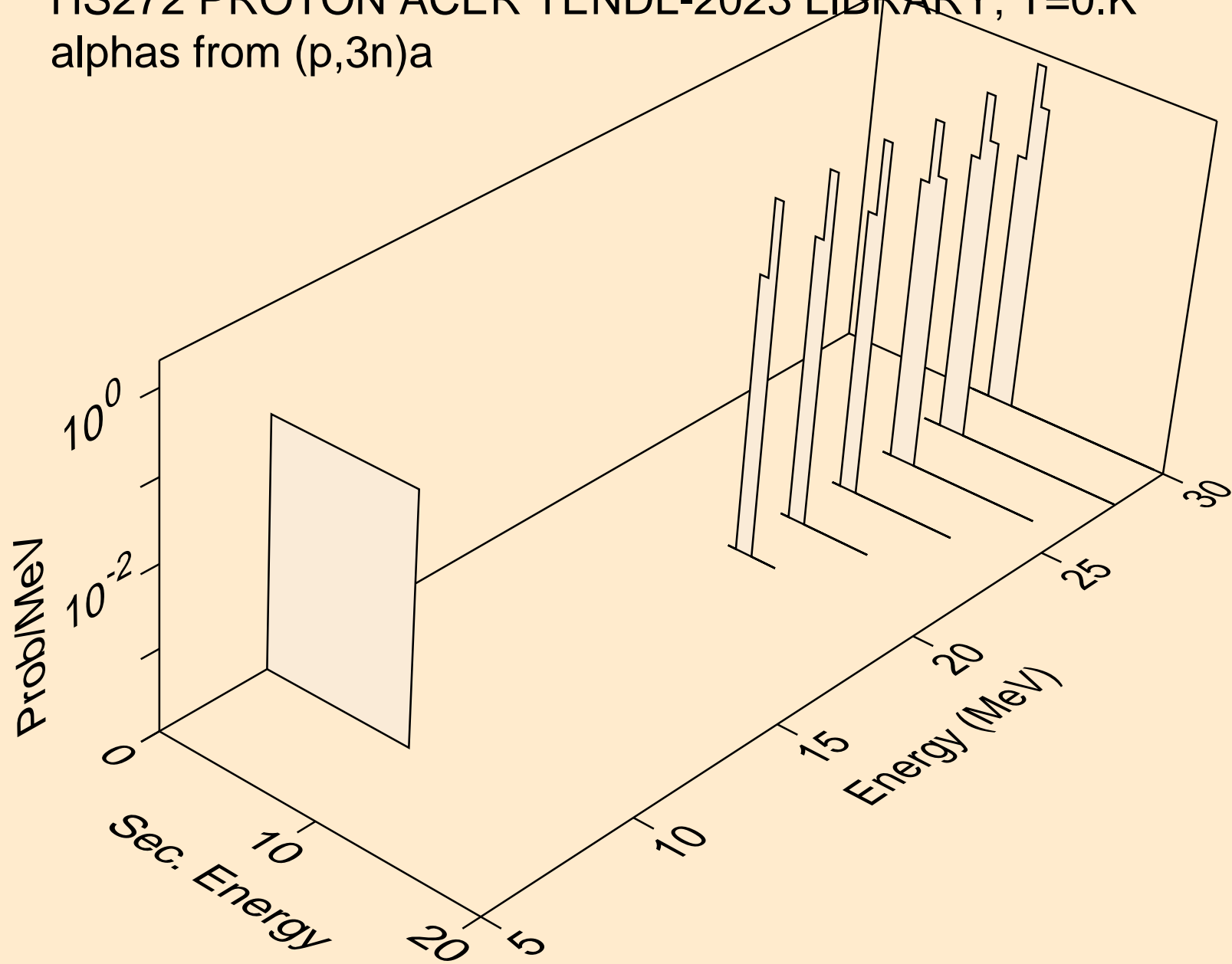


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alphas from (p,2n)a

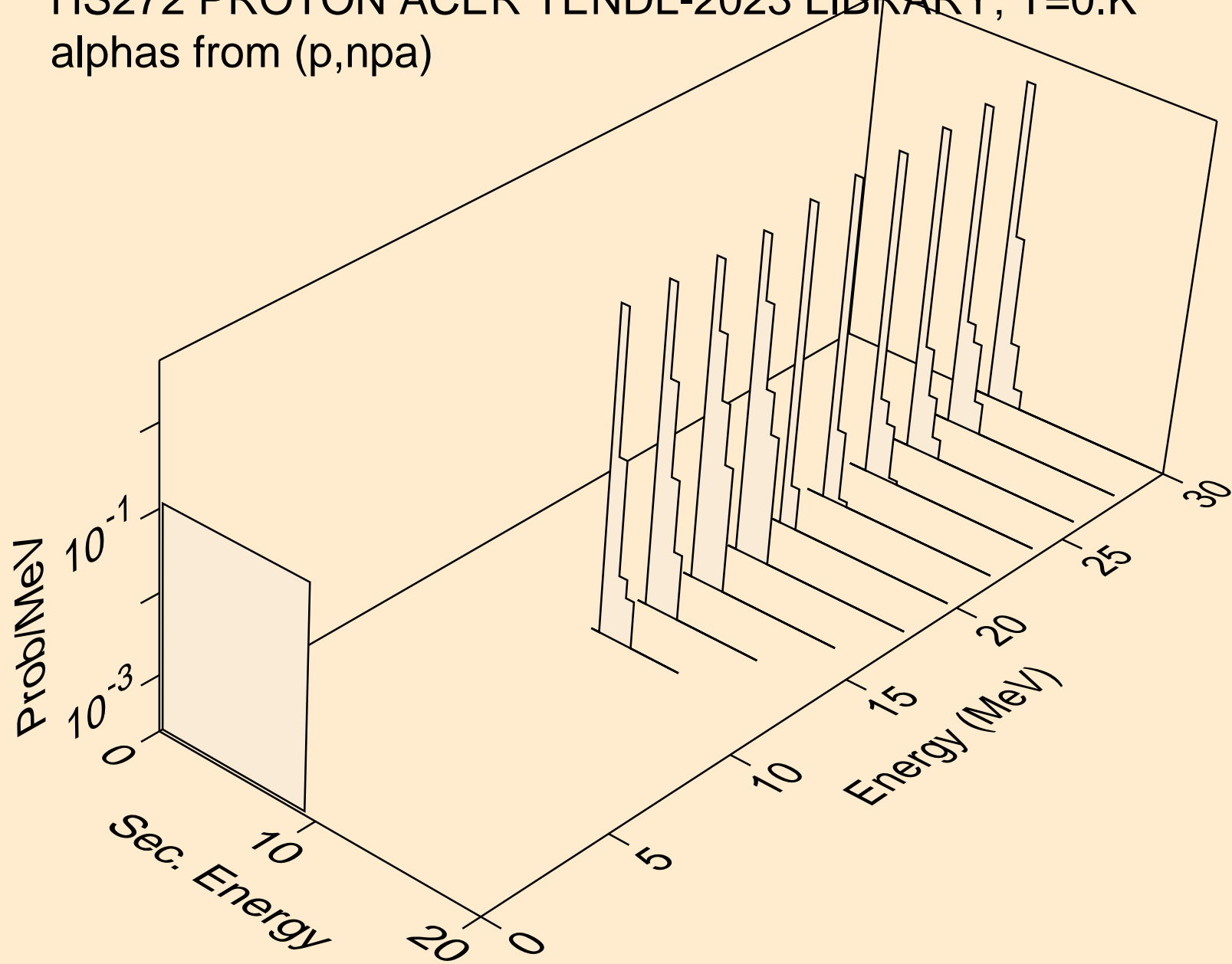




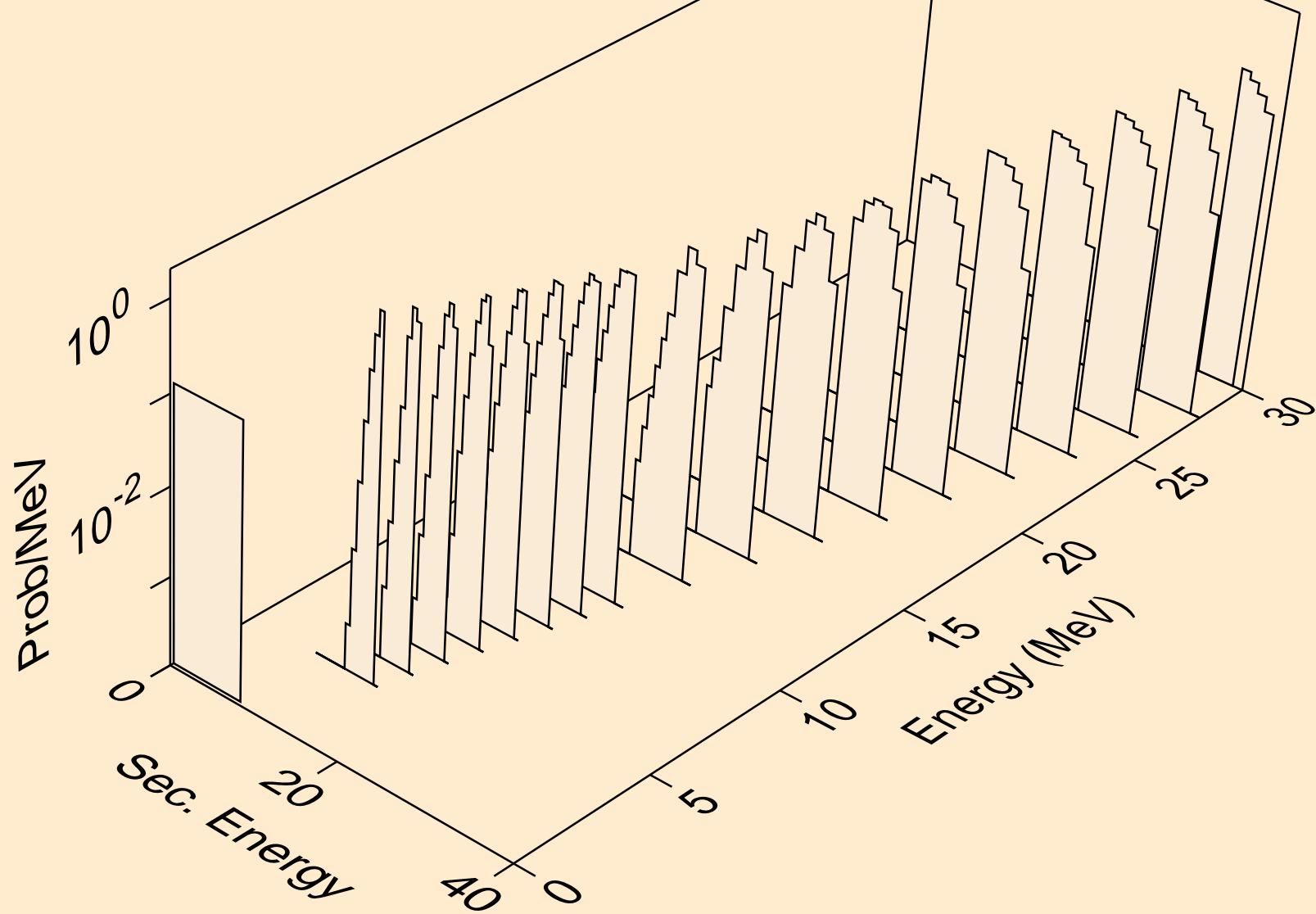
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



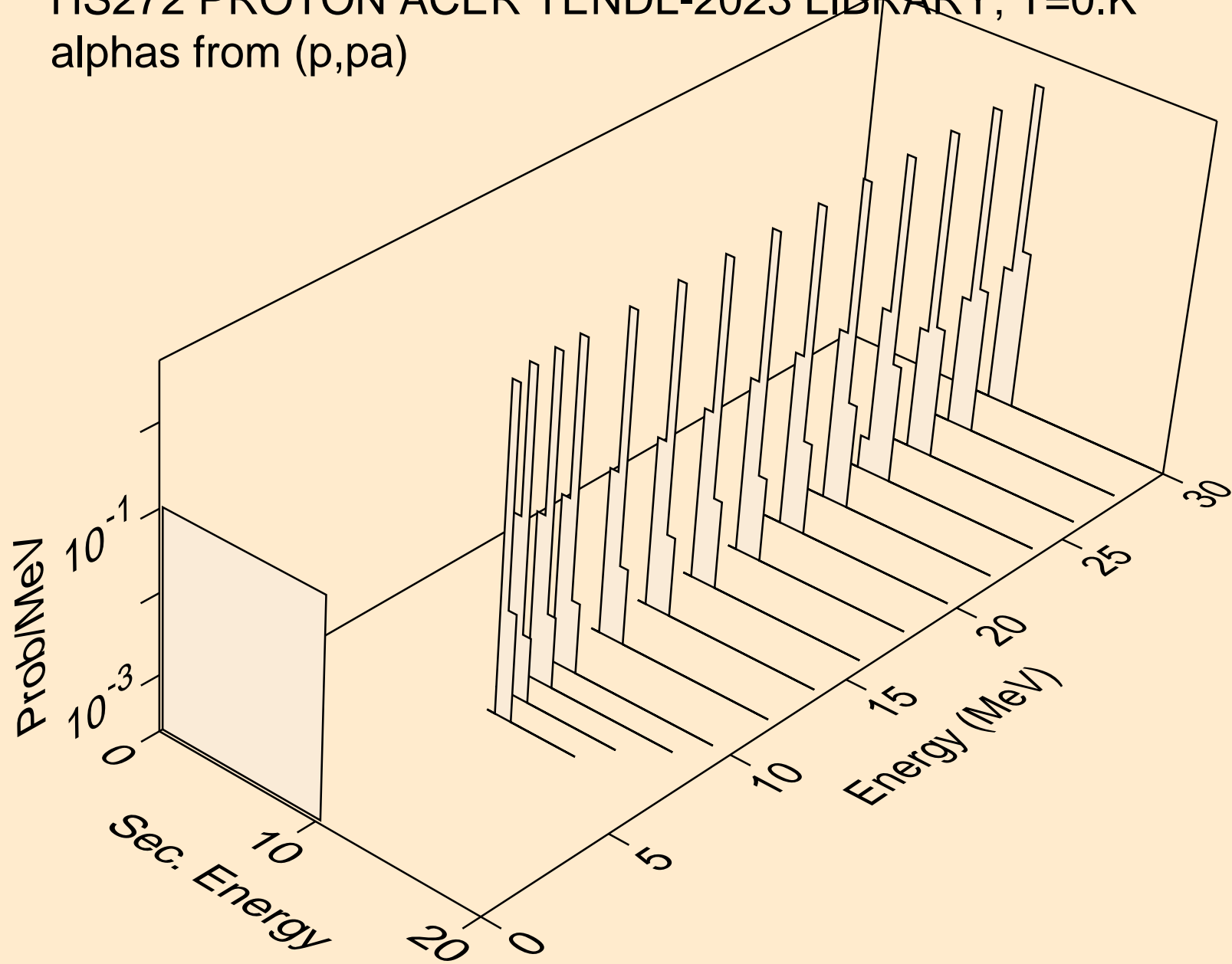
HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



HS272 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

