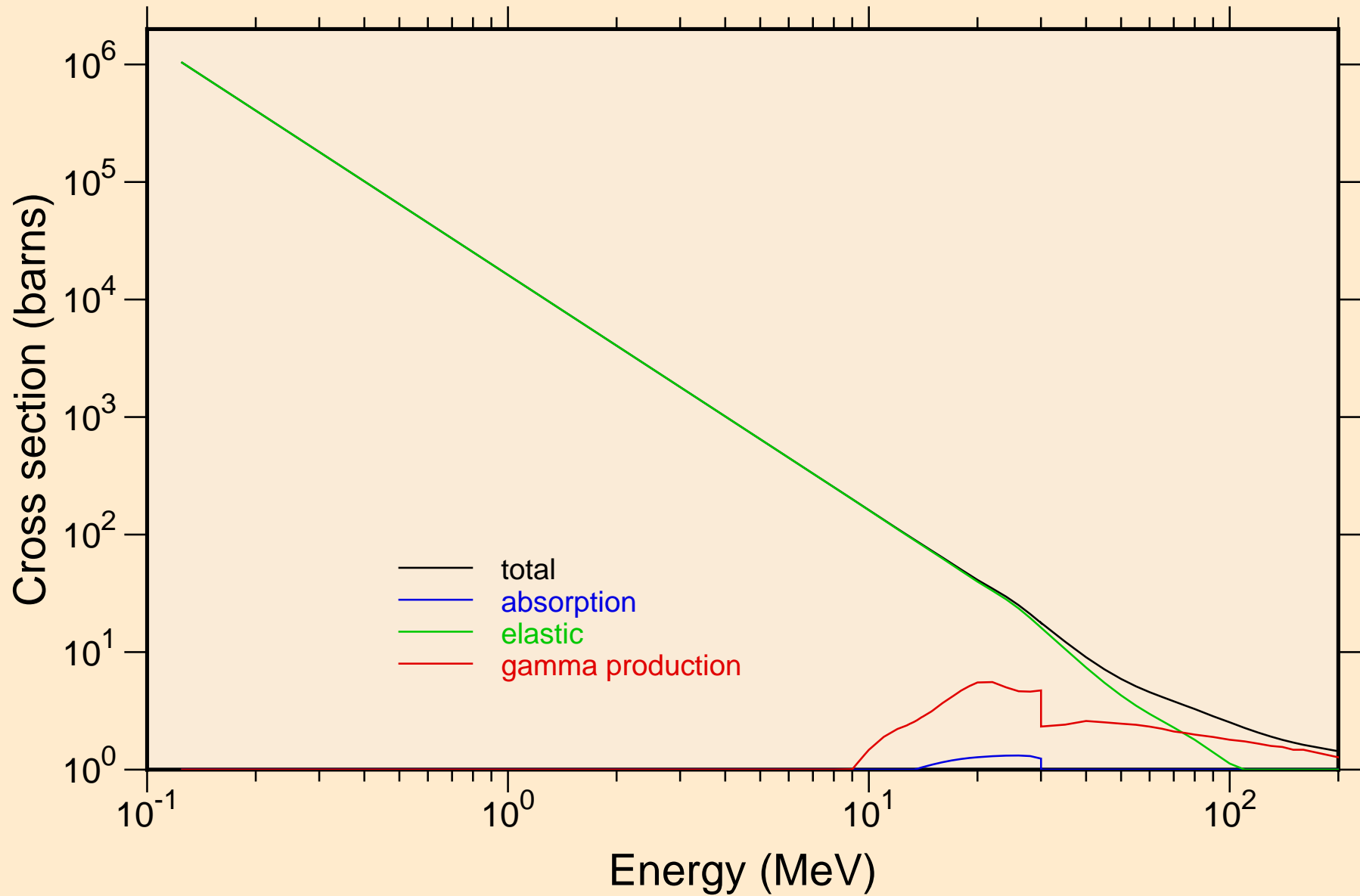


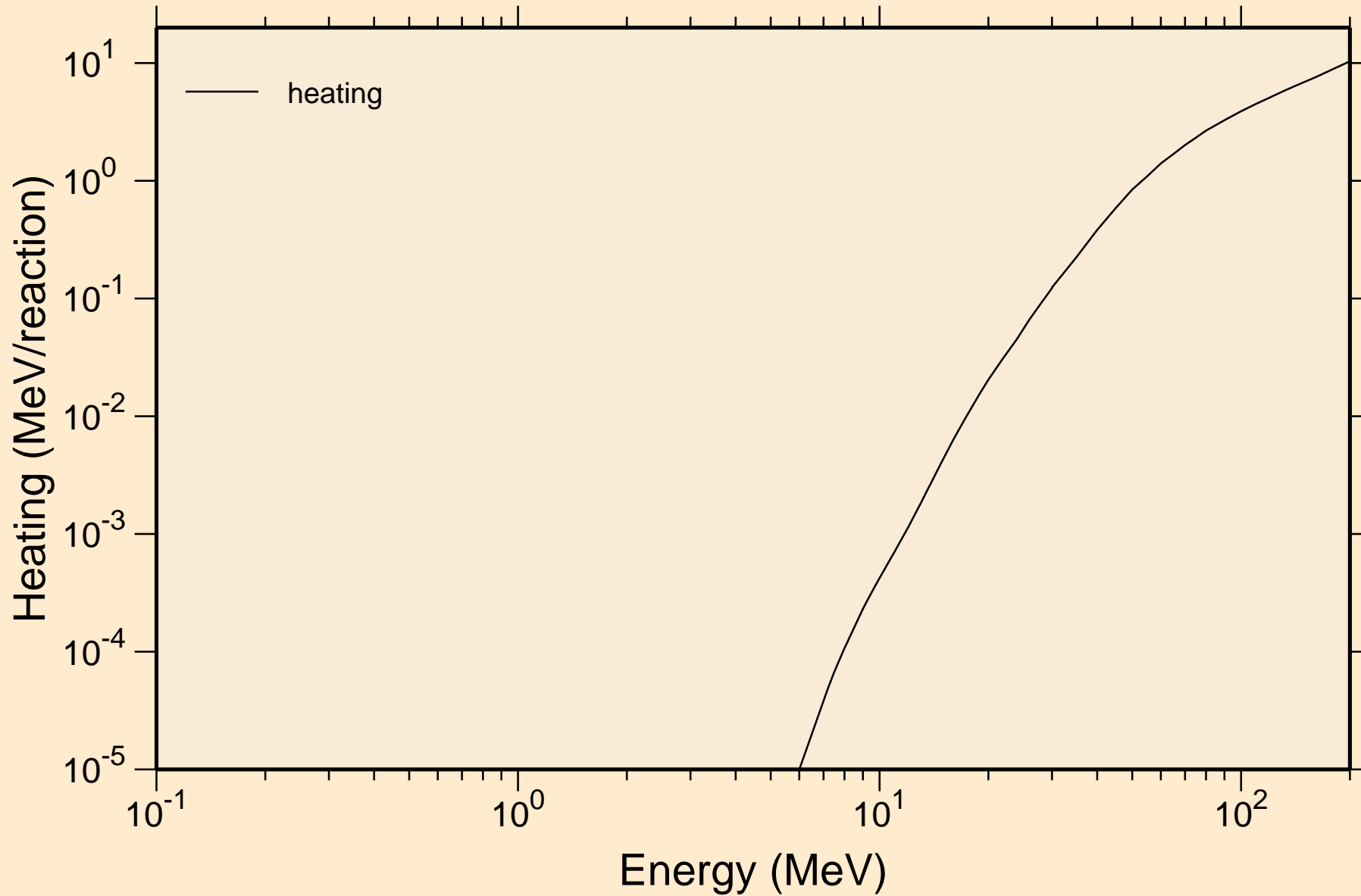
# SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



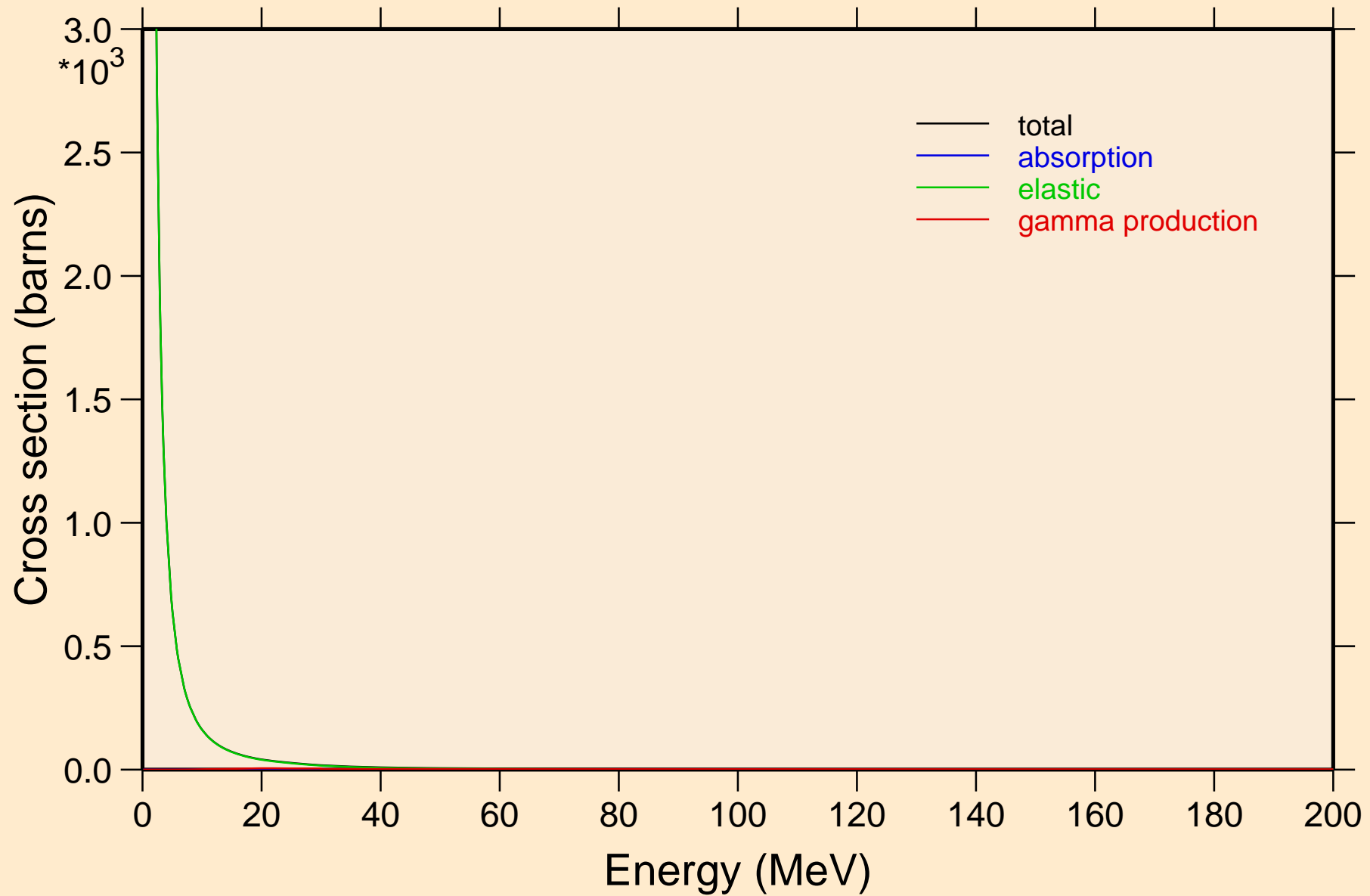
# SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



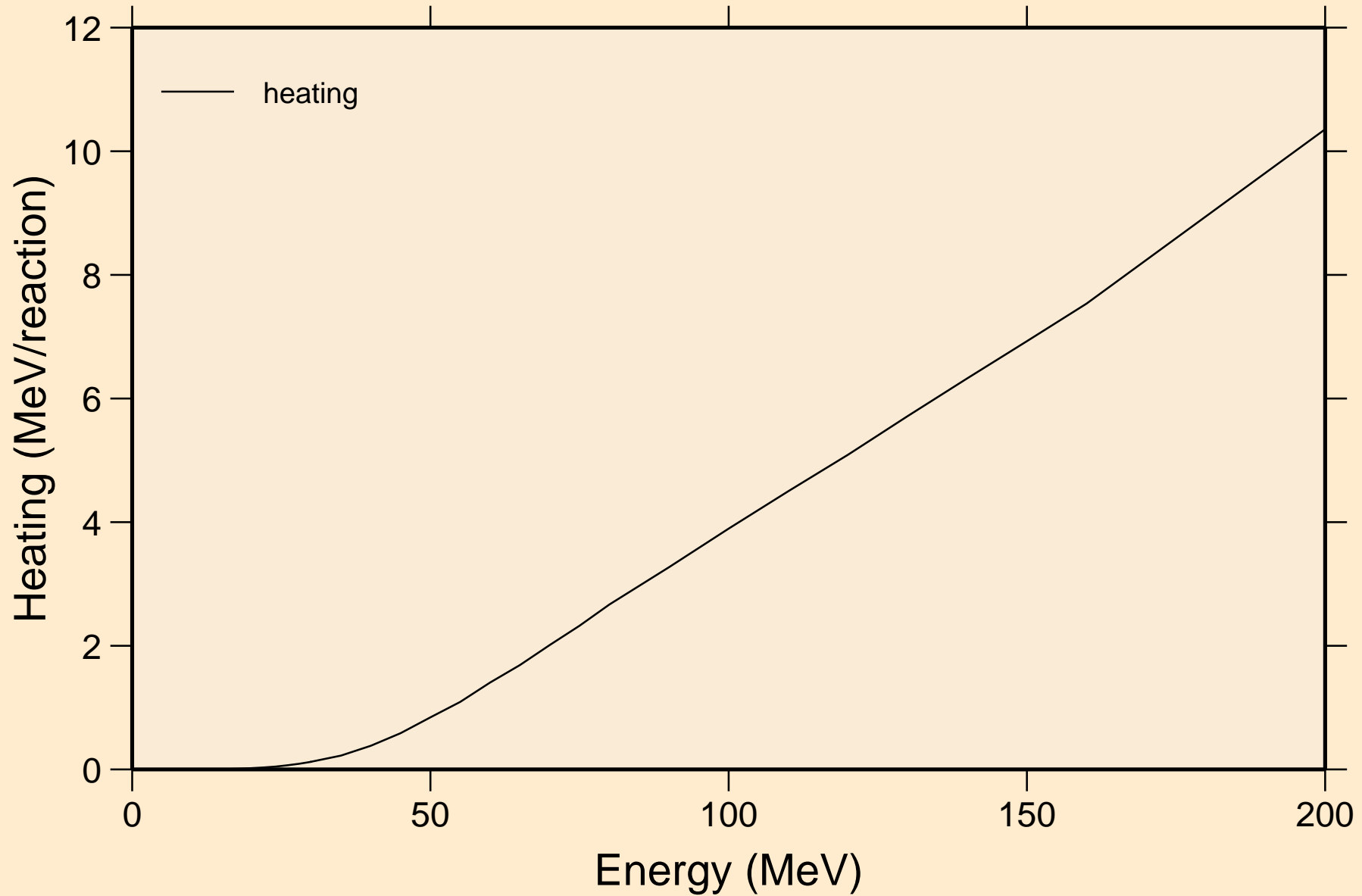
# SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



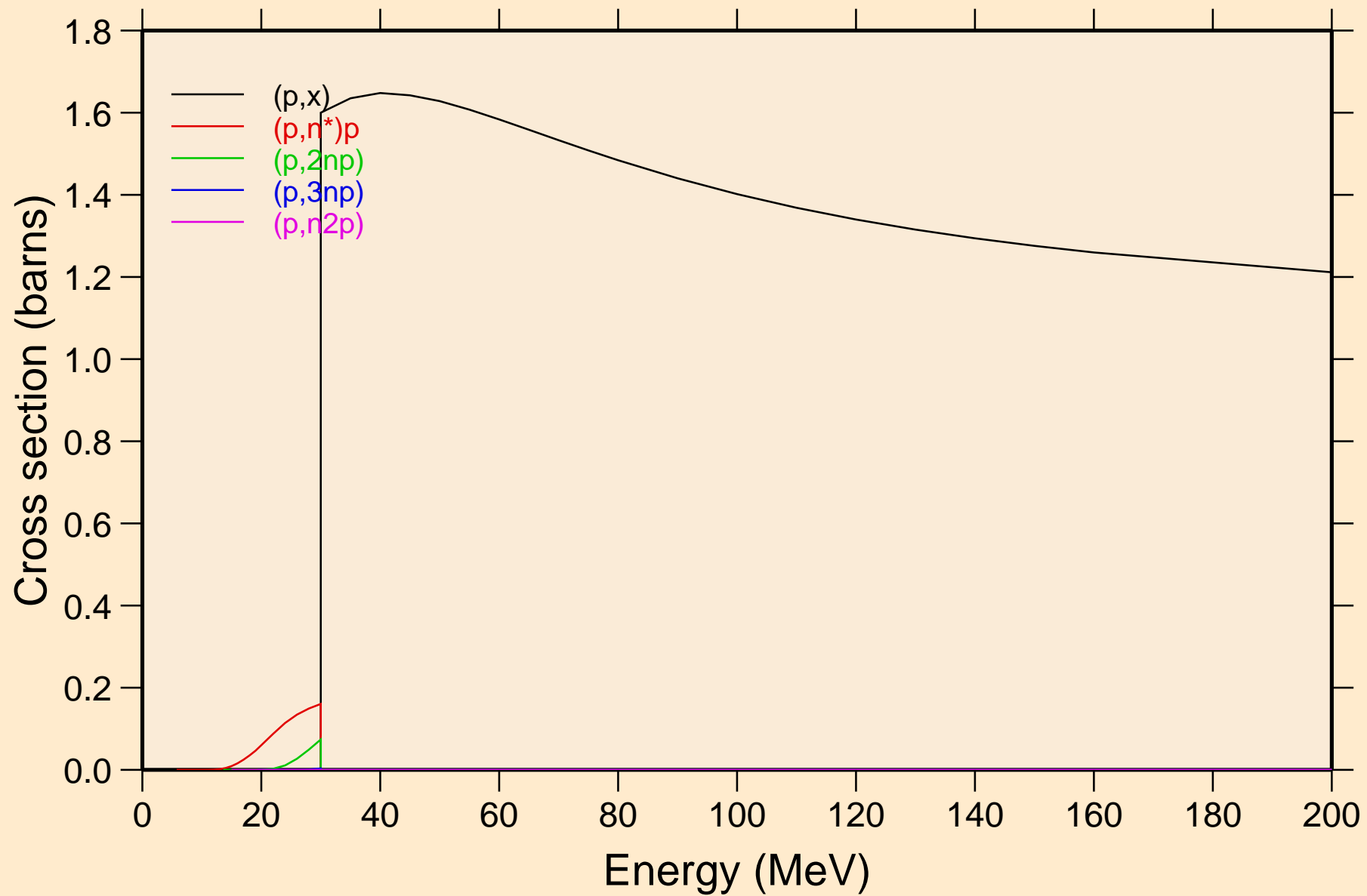
# SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

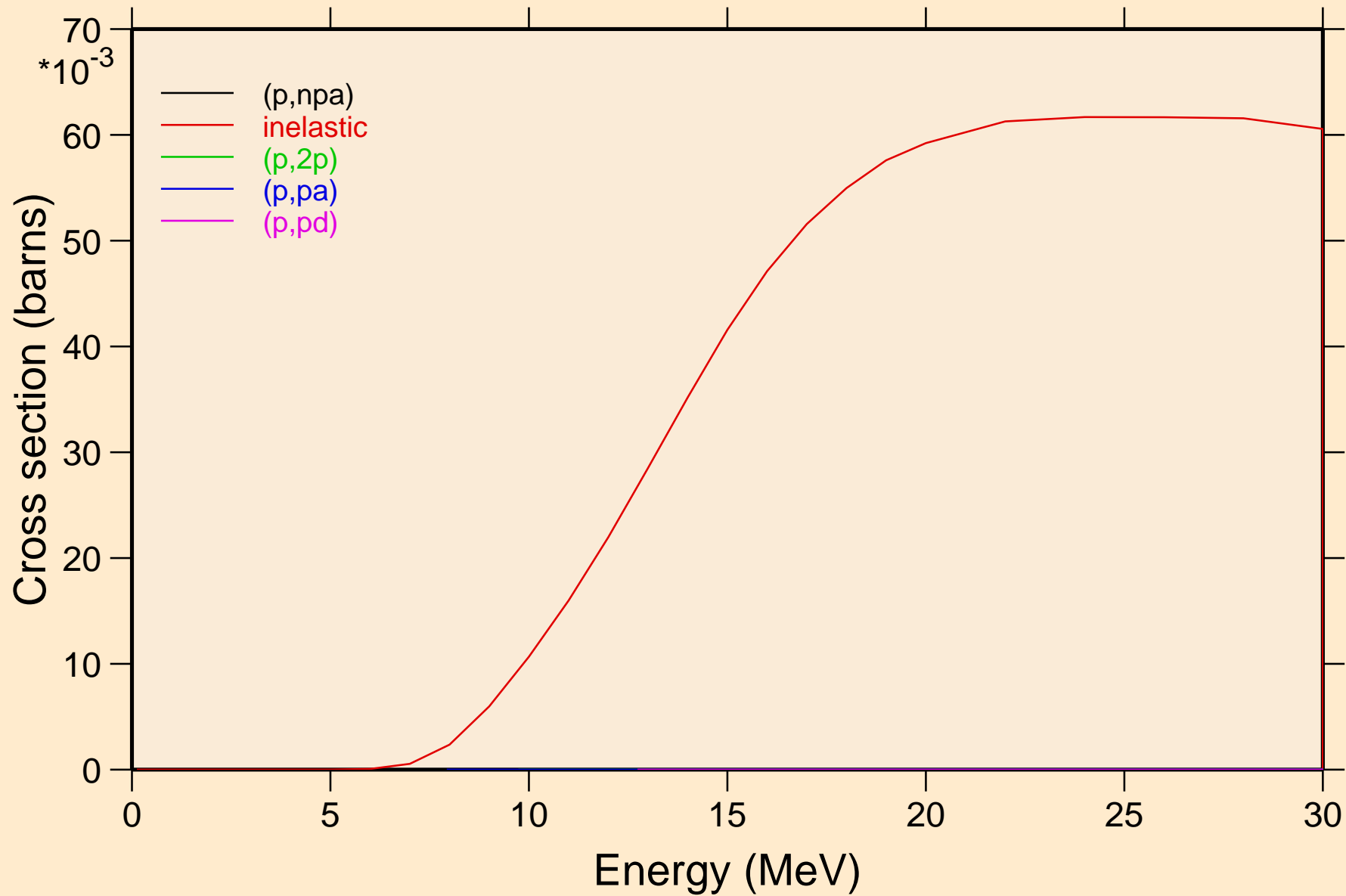


# SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K

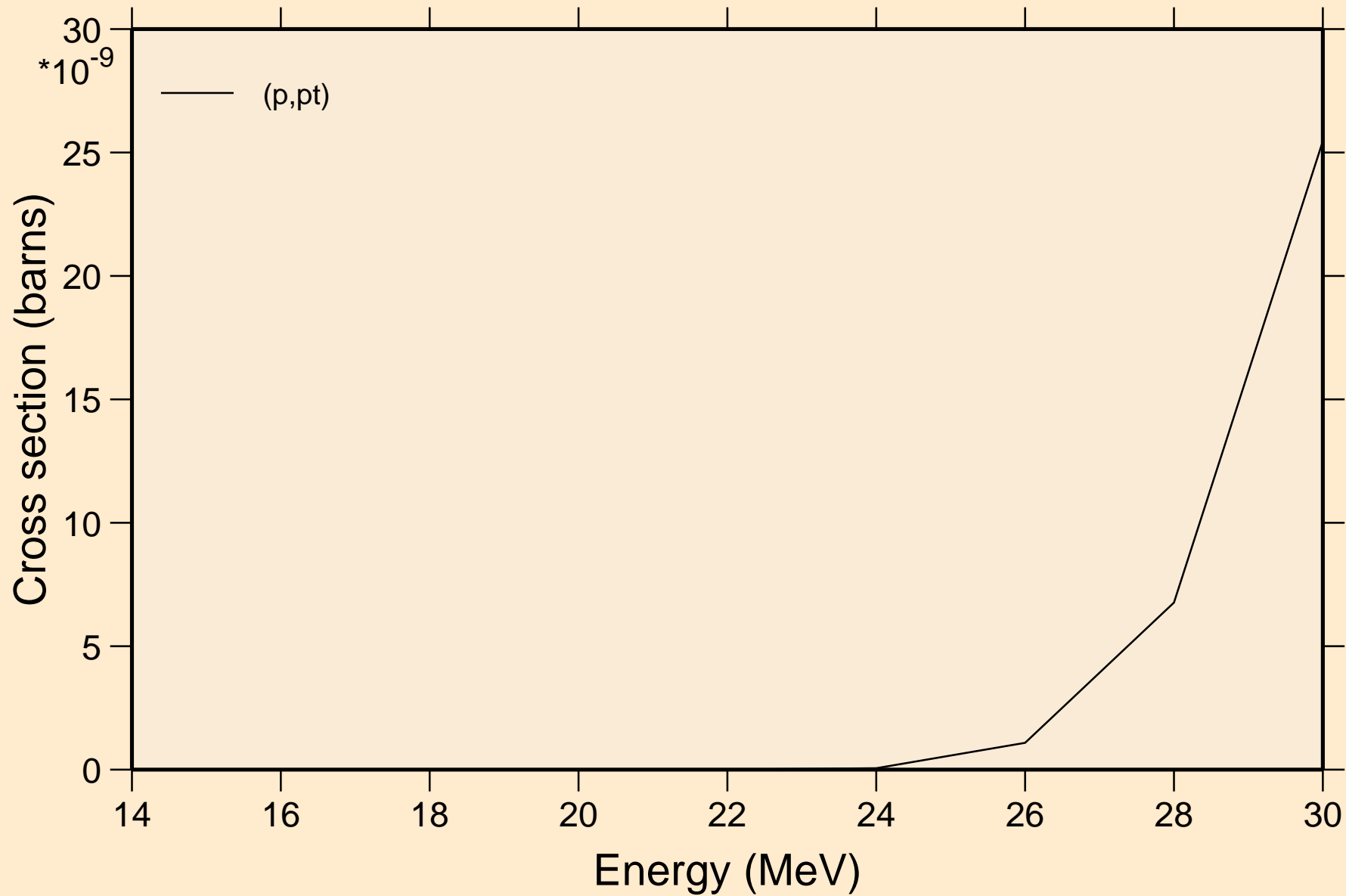
## Threshold reactions



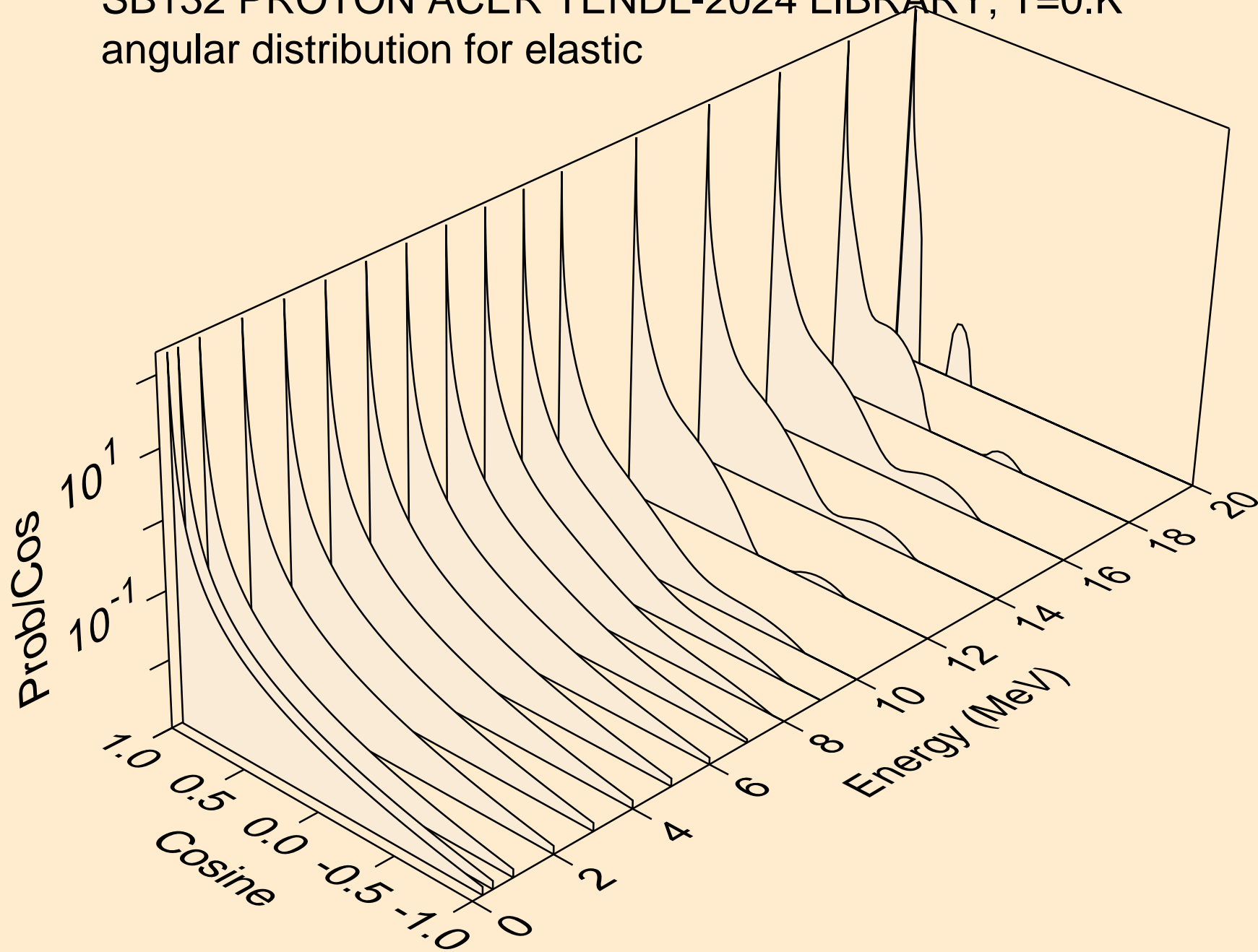
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



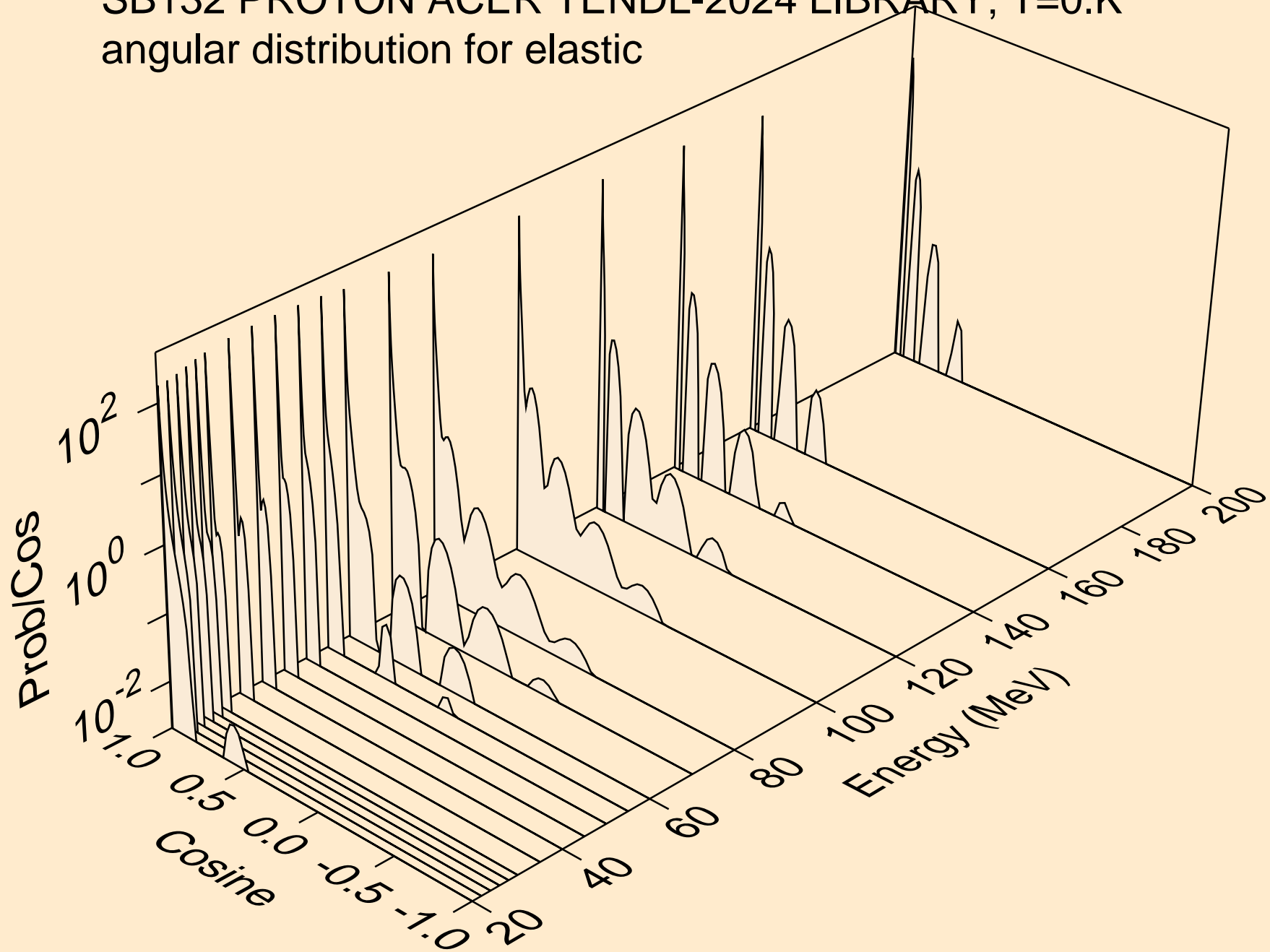
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



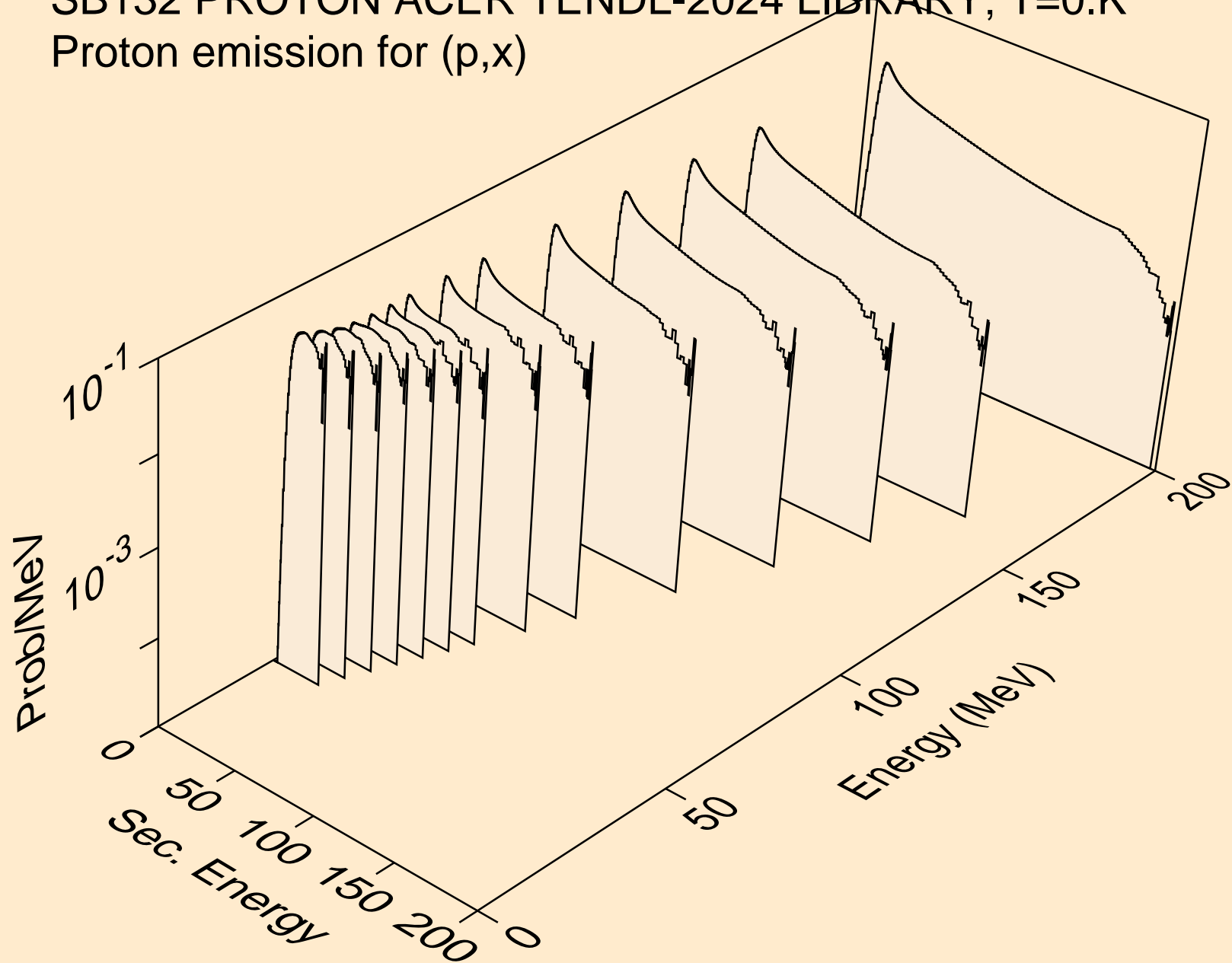
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



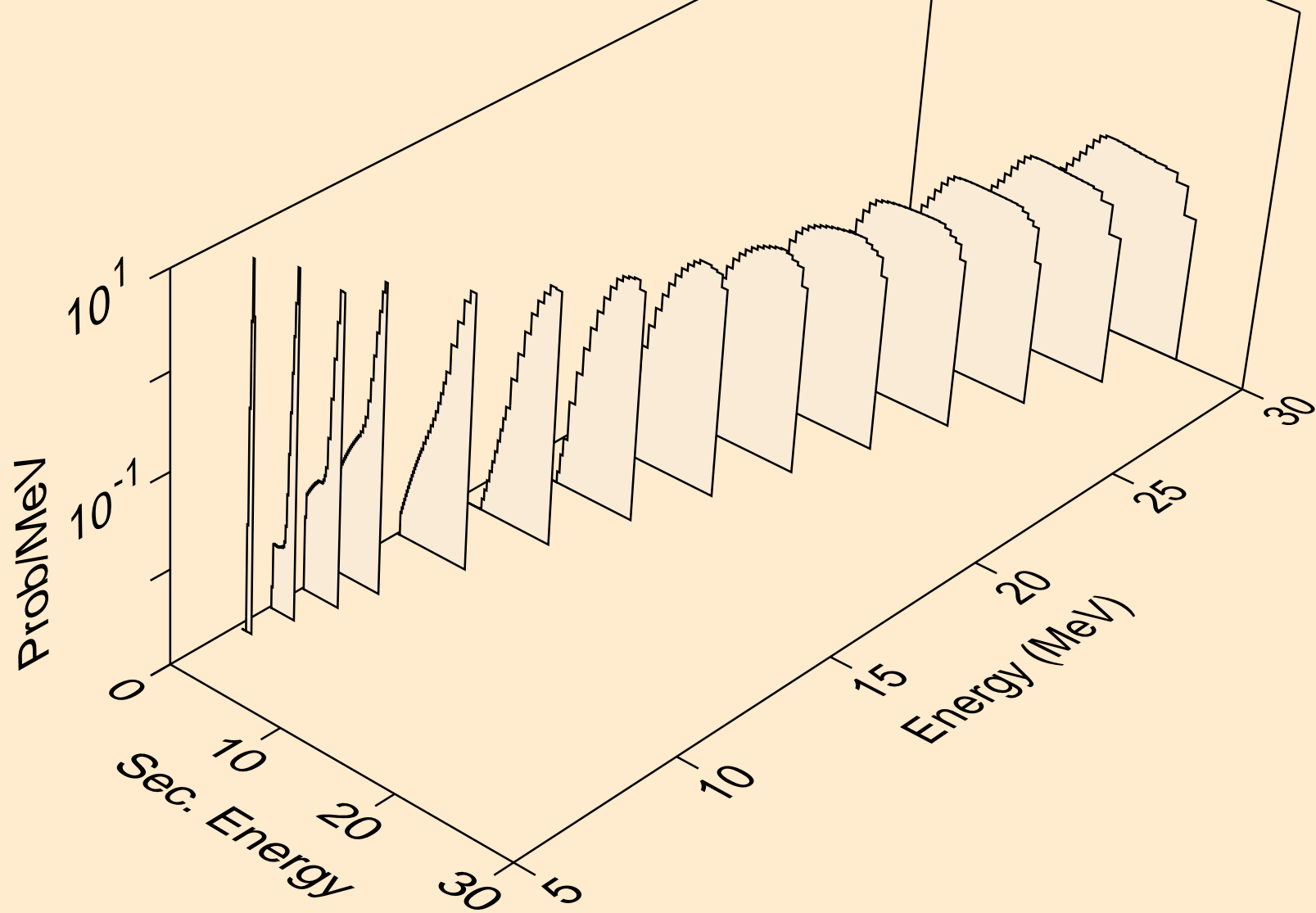
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



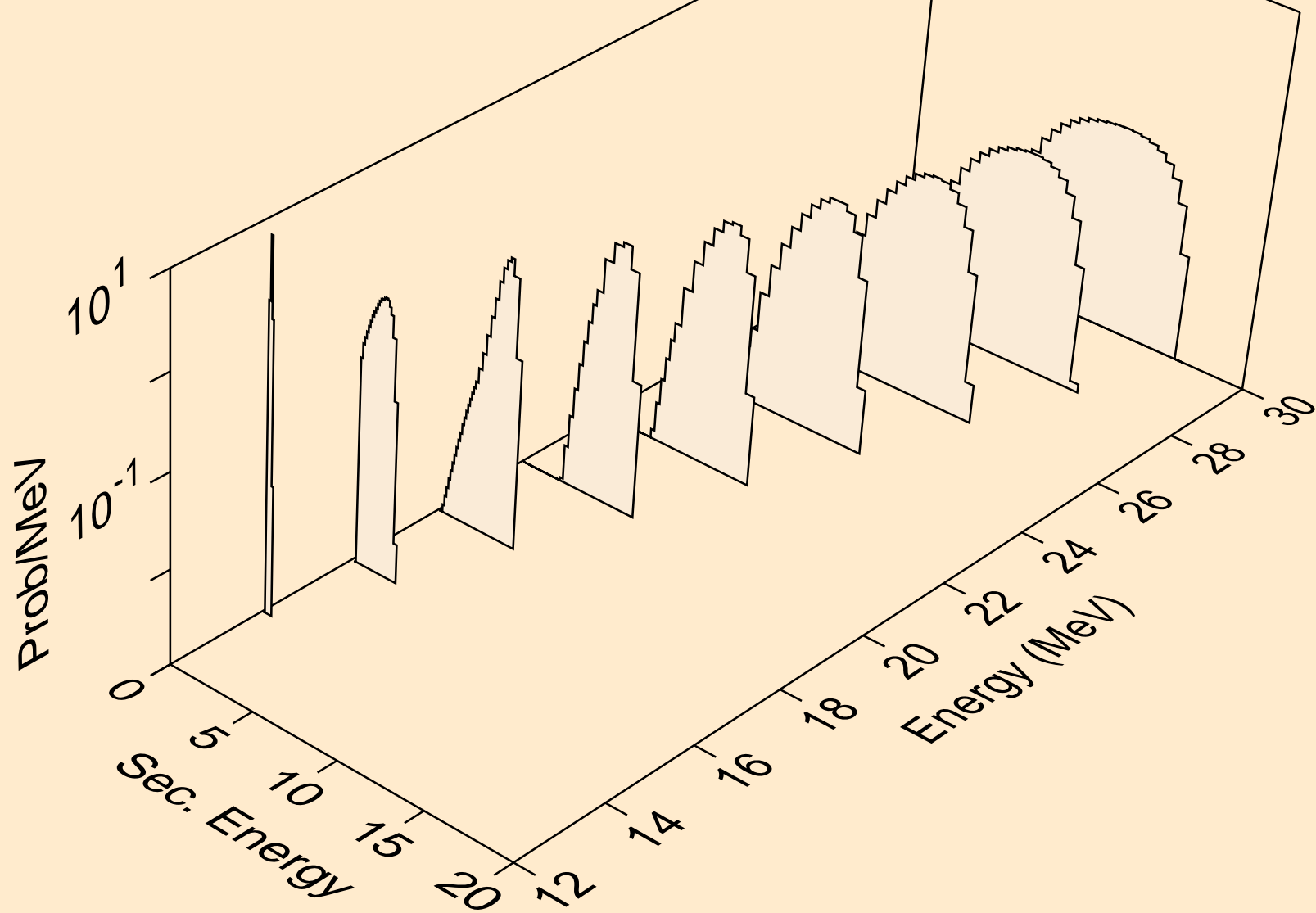
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



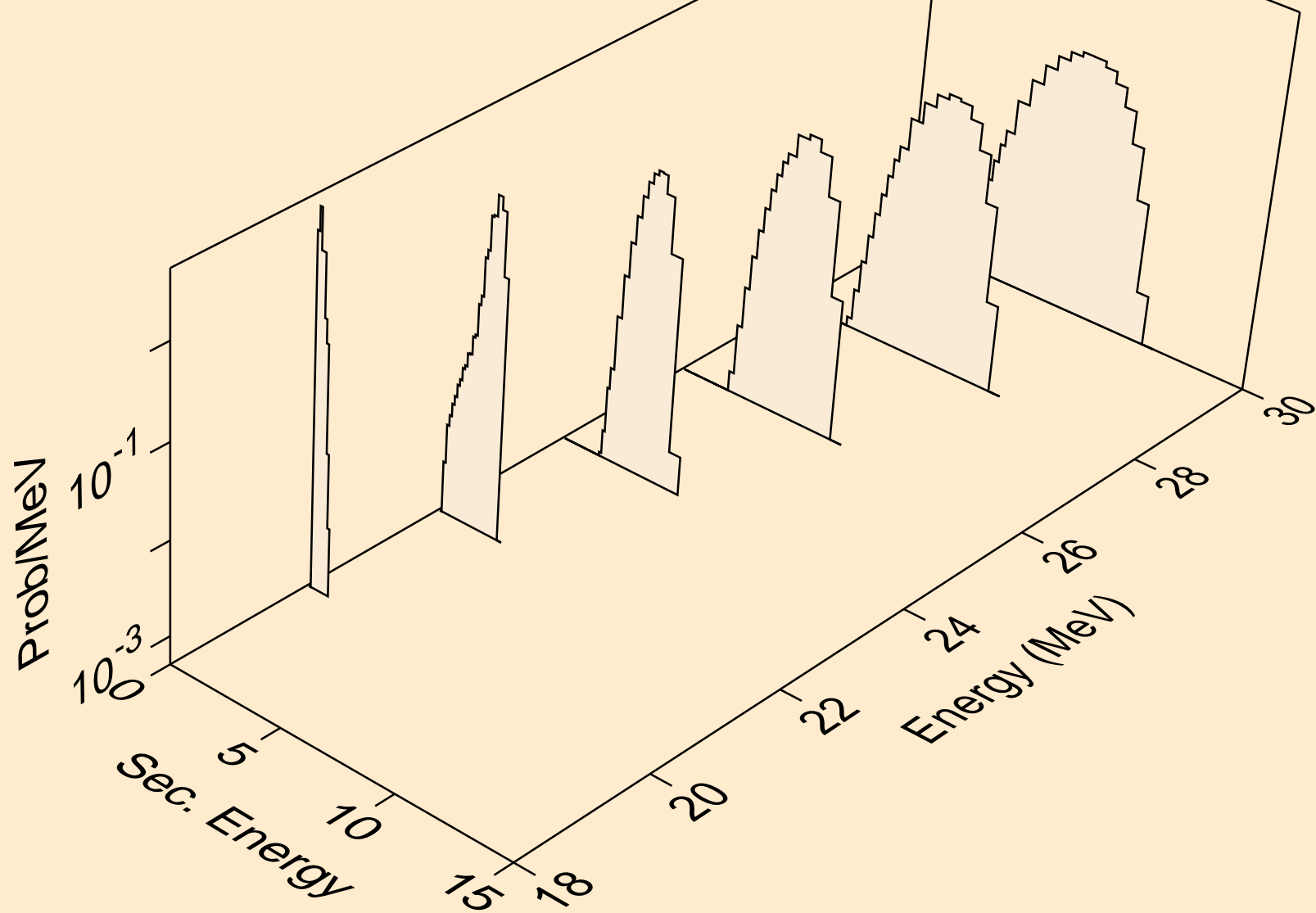
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



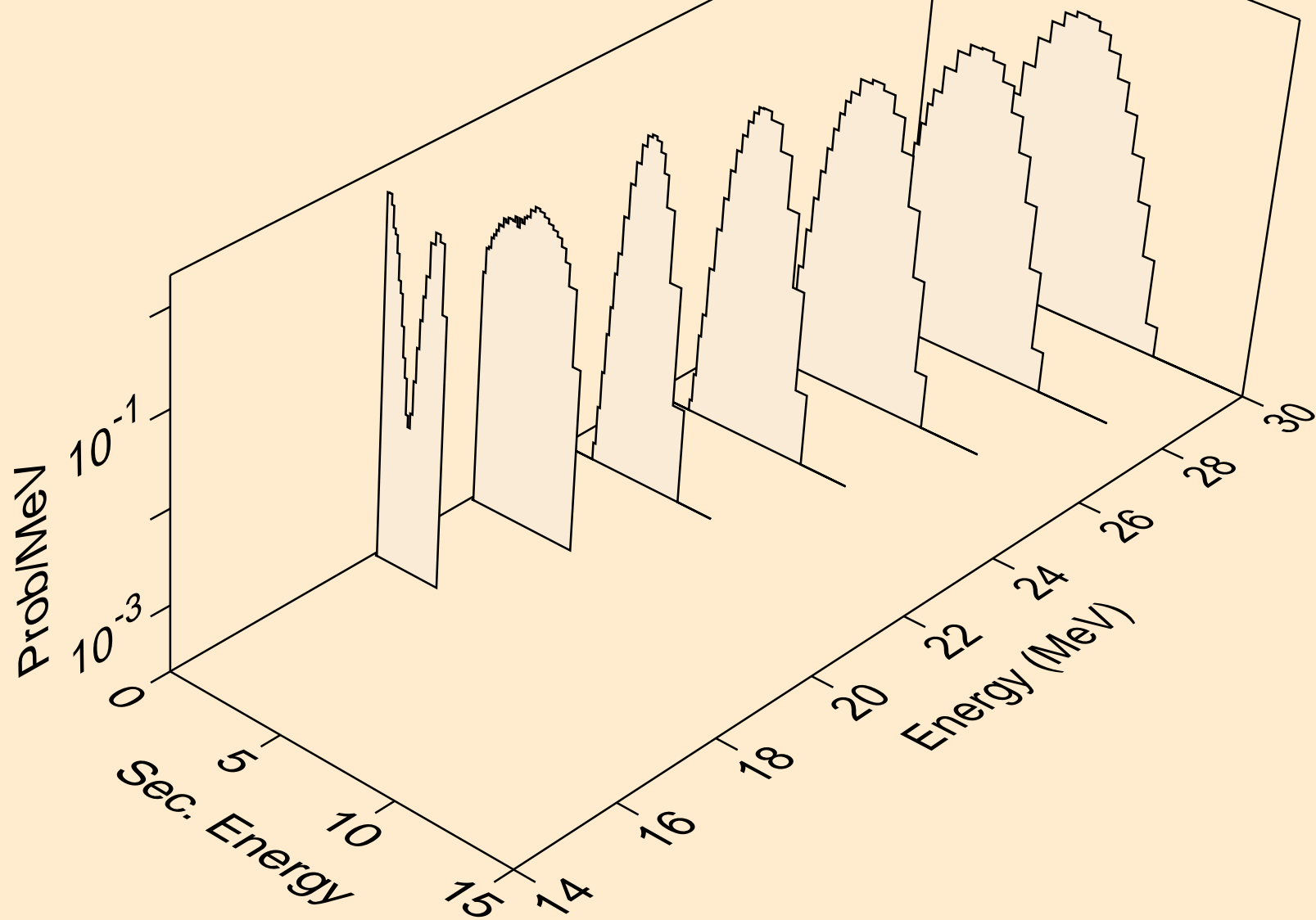
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



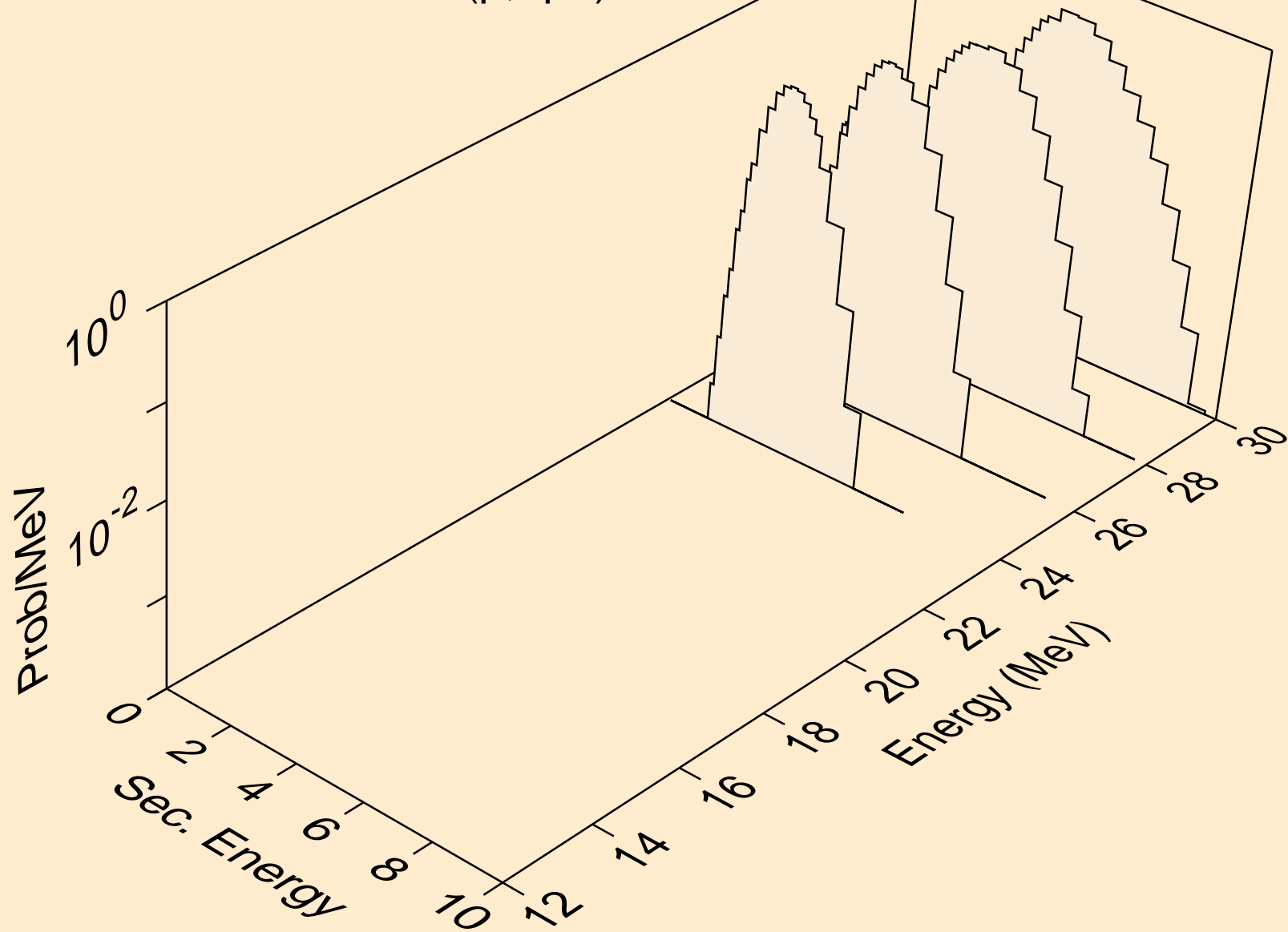
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



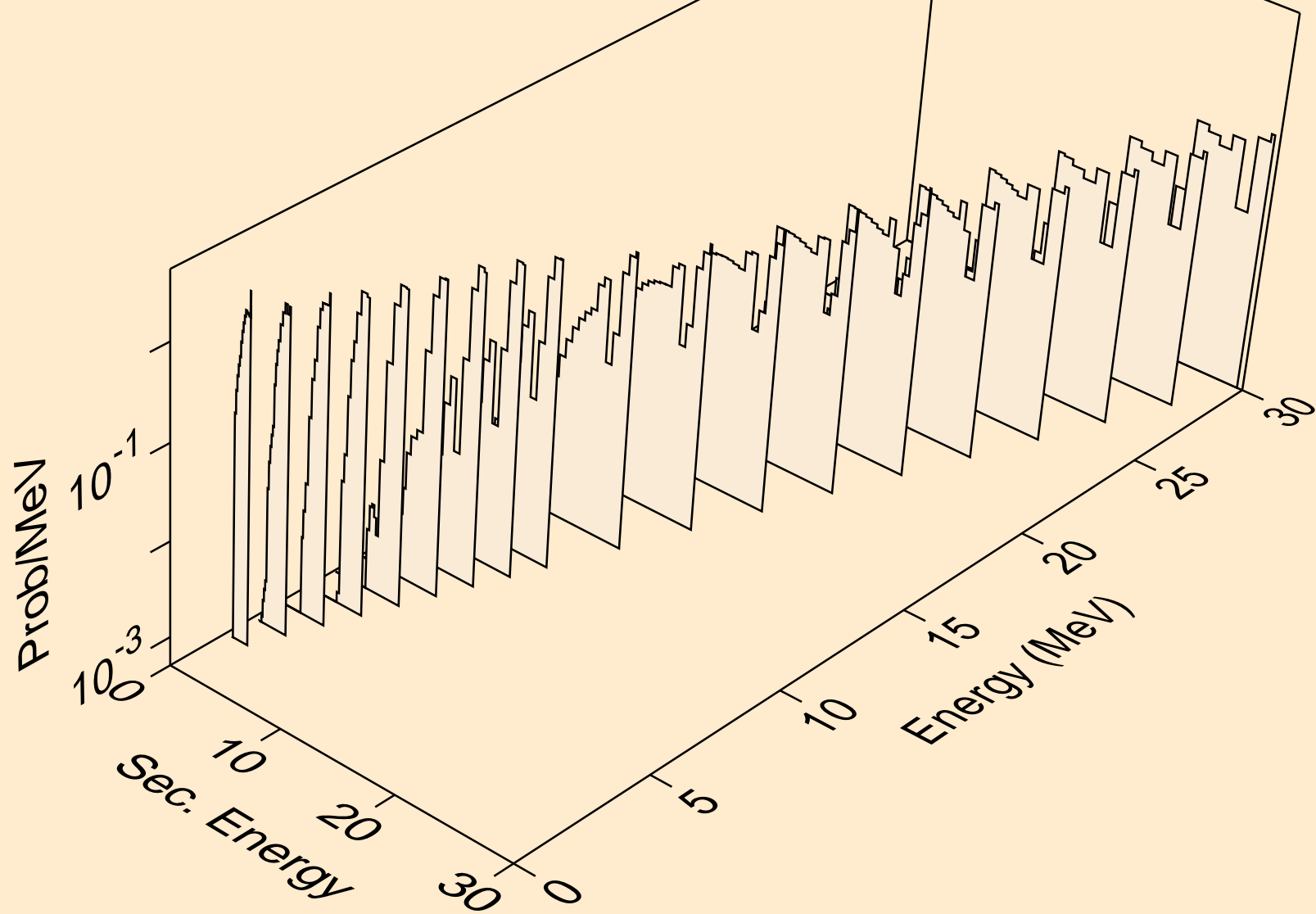
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



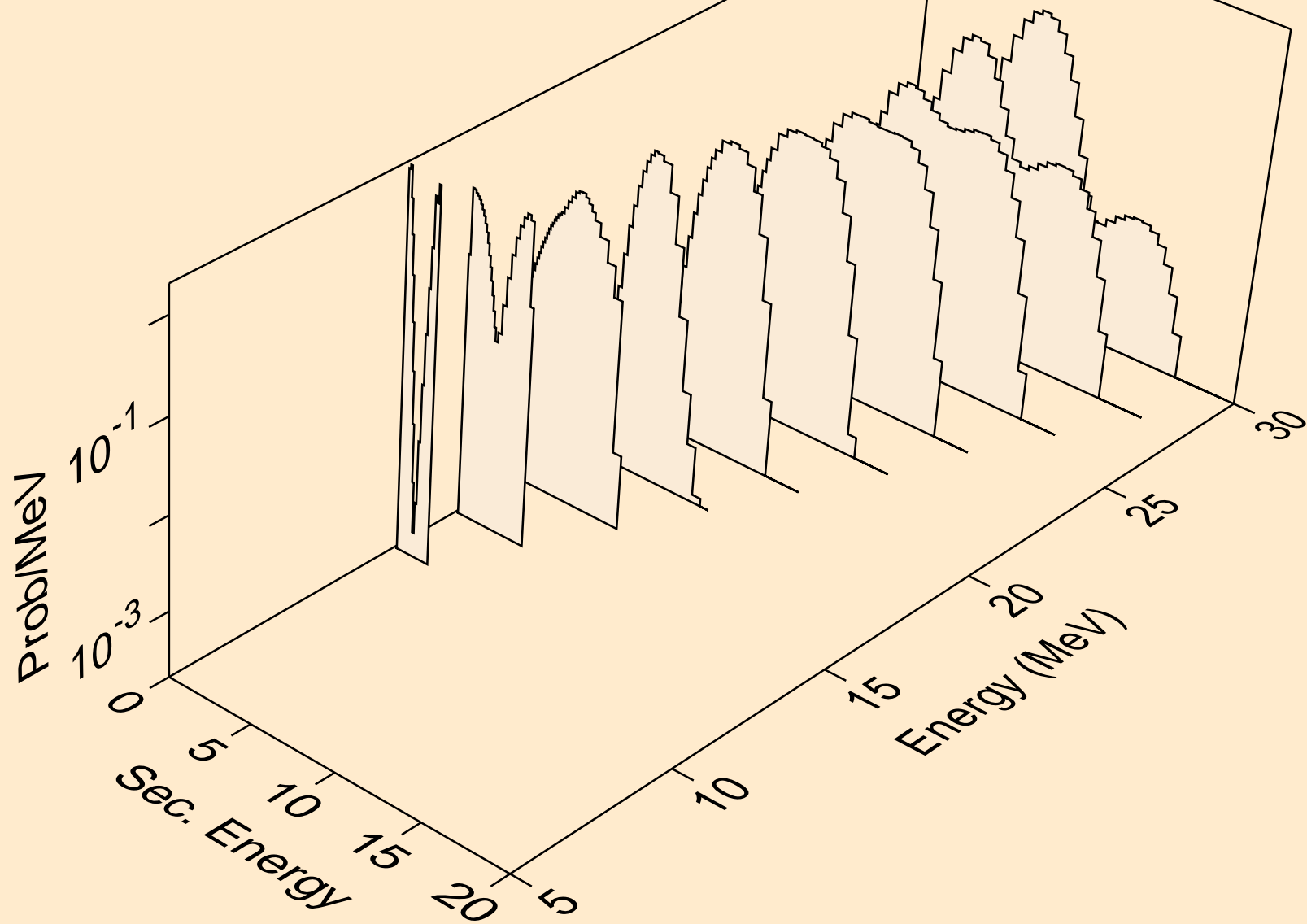
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



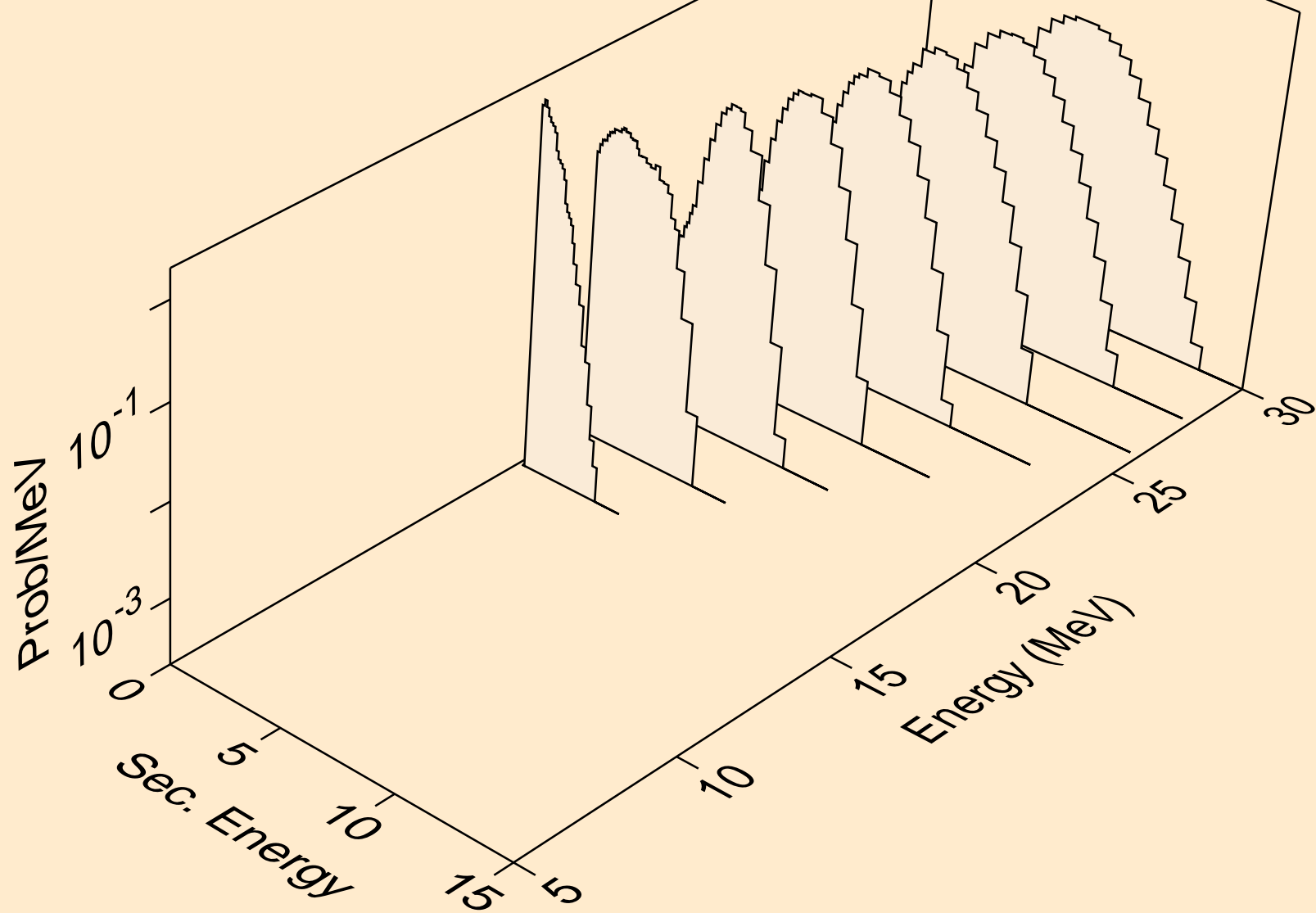
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



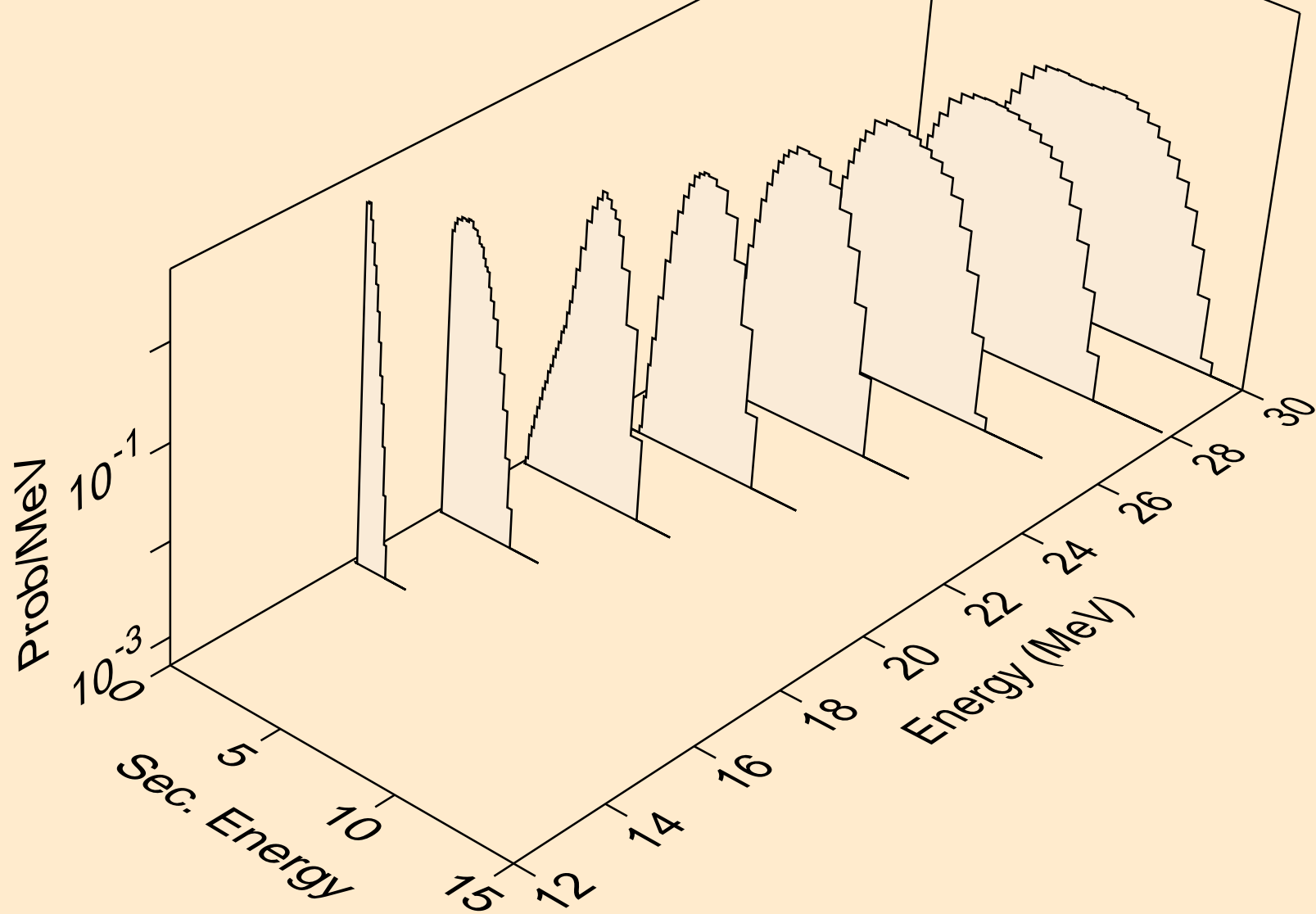
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



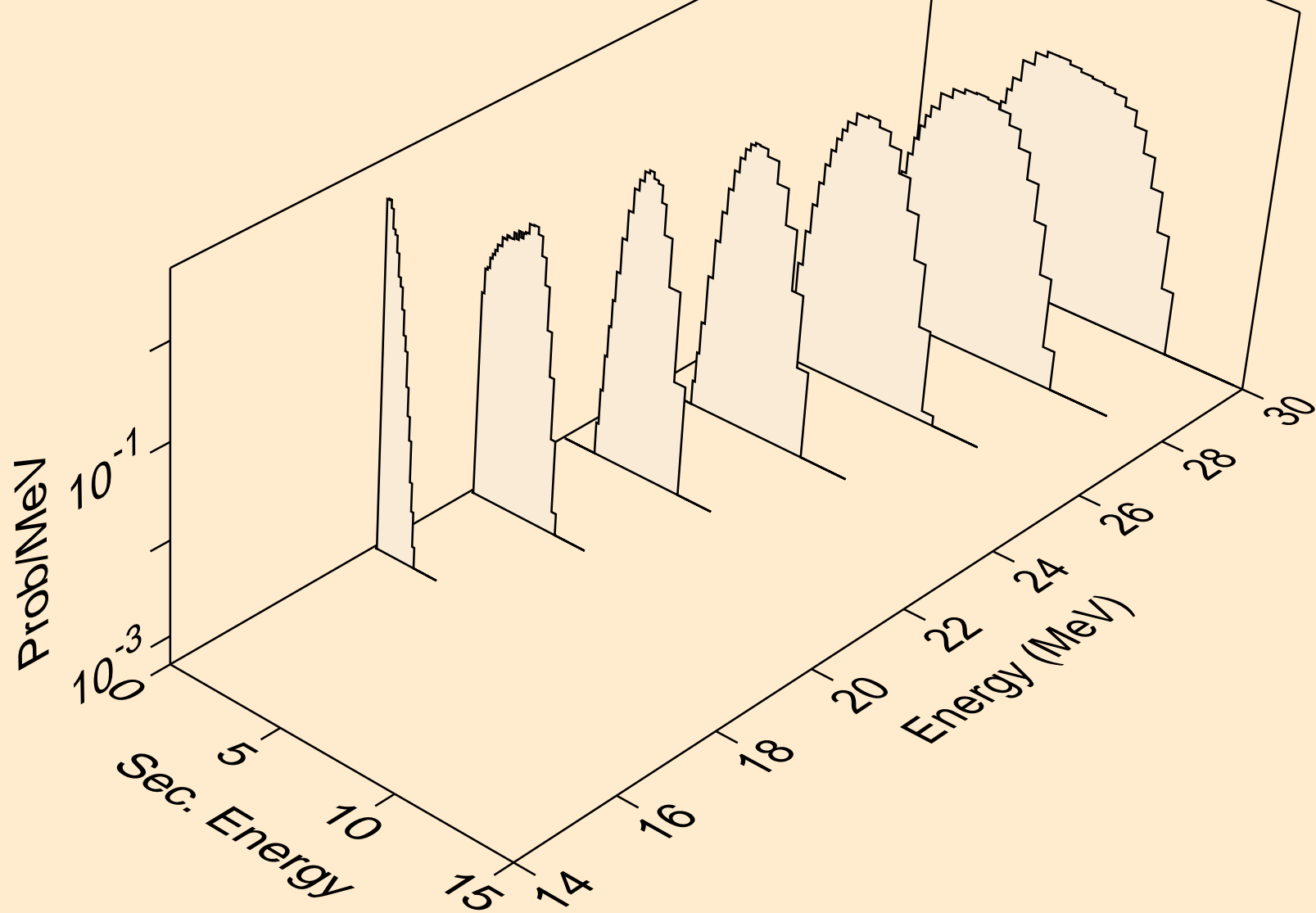
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



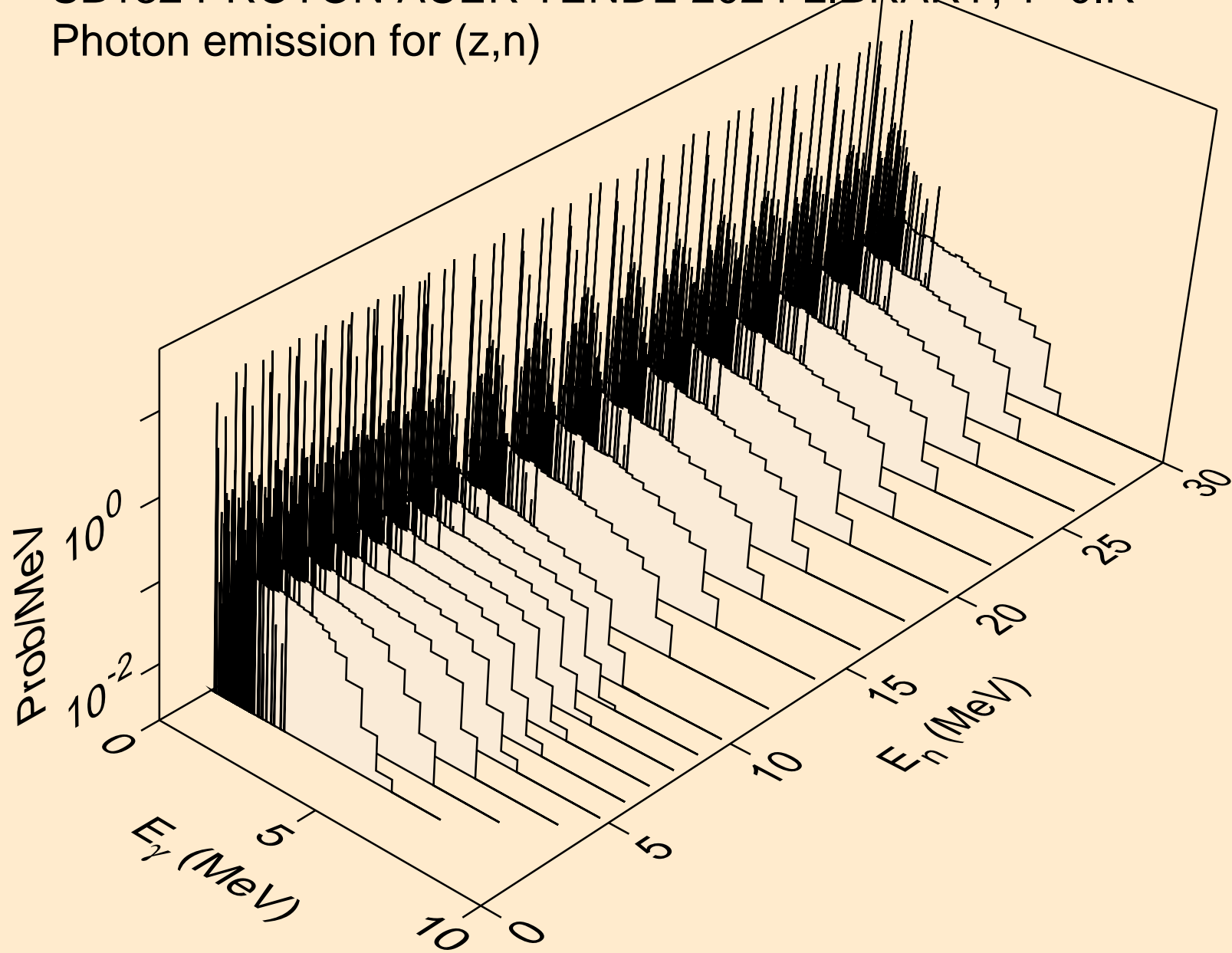
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



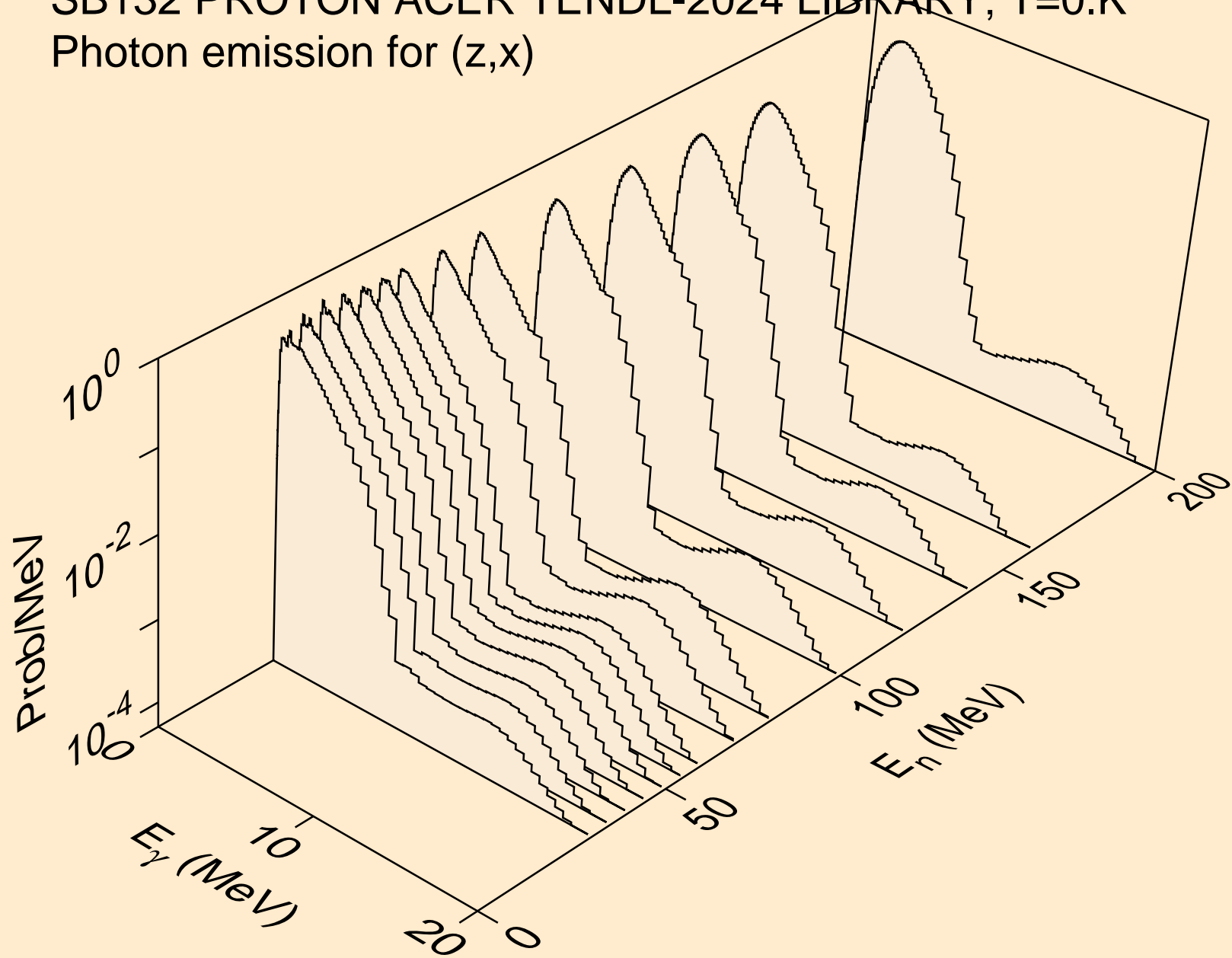
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pt)



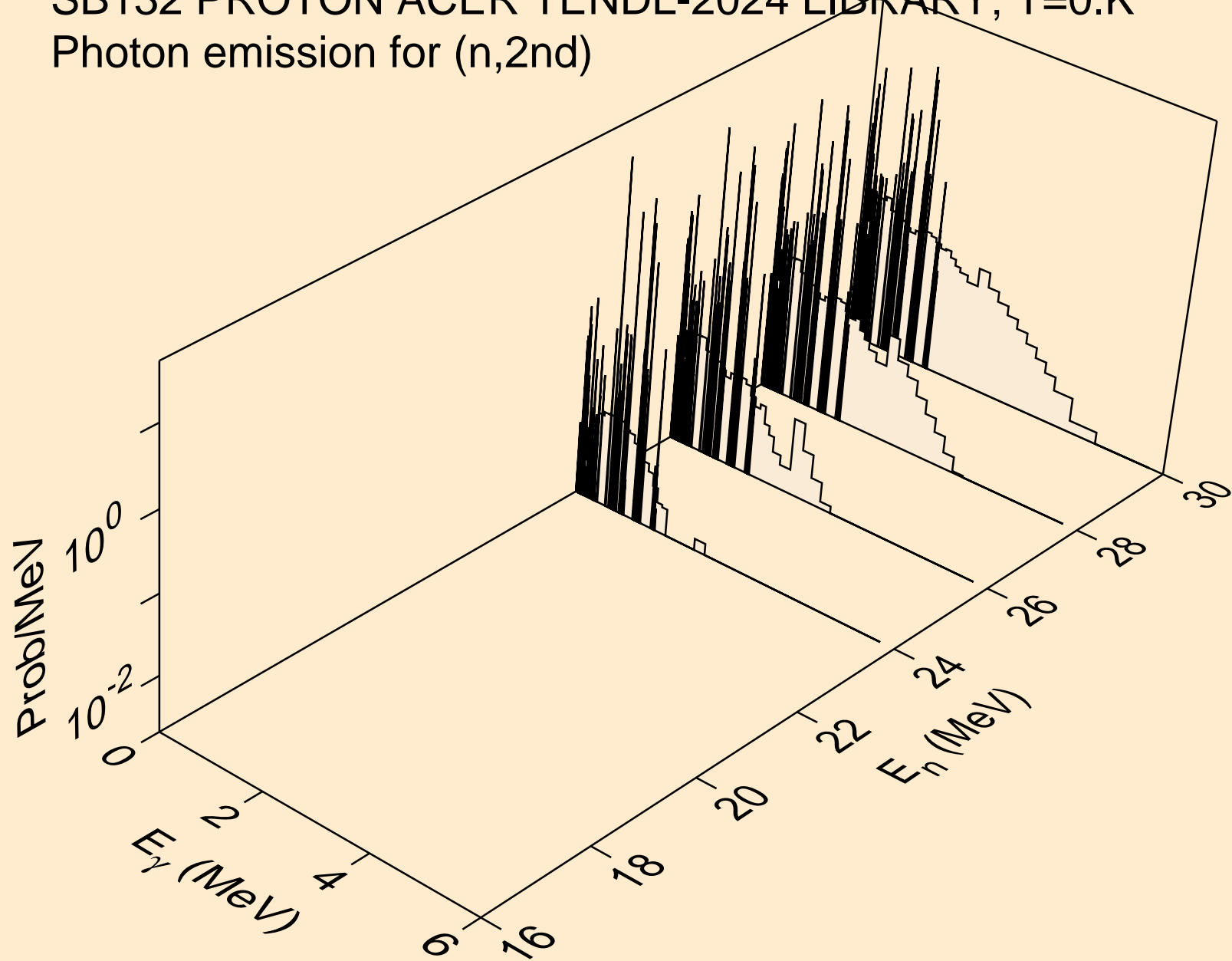
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



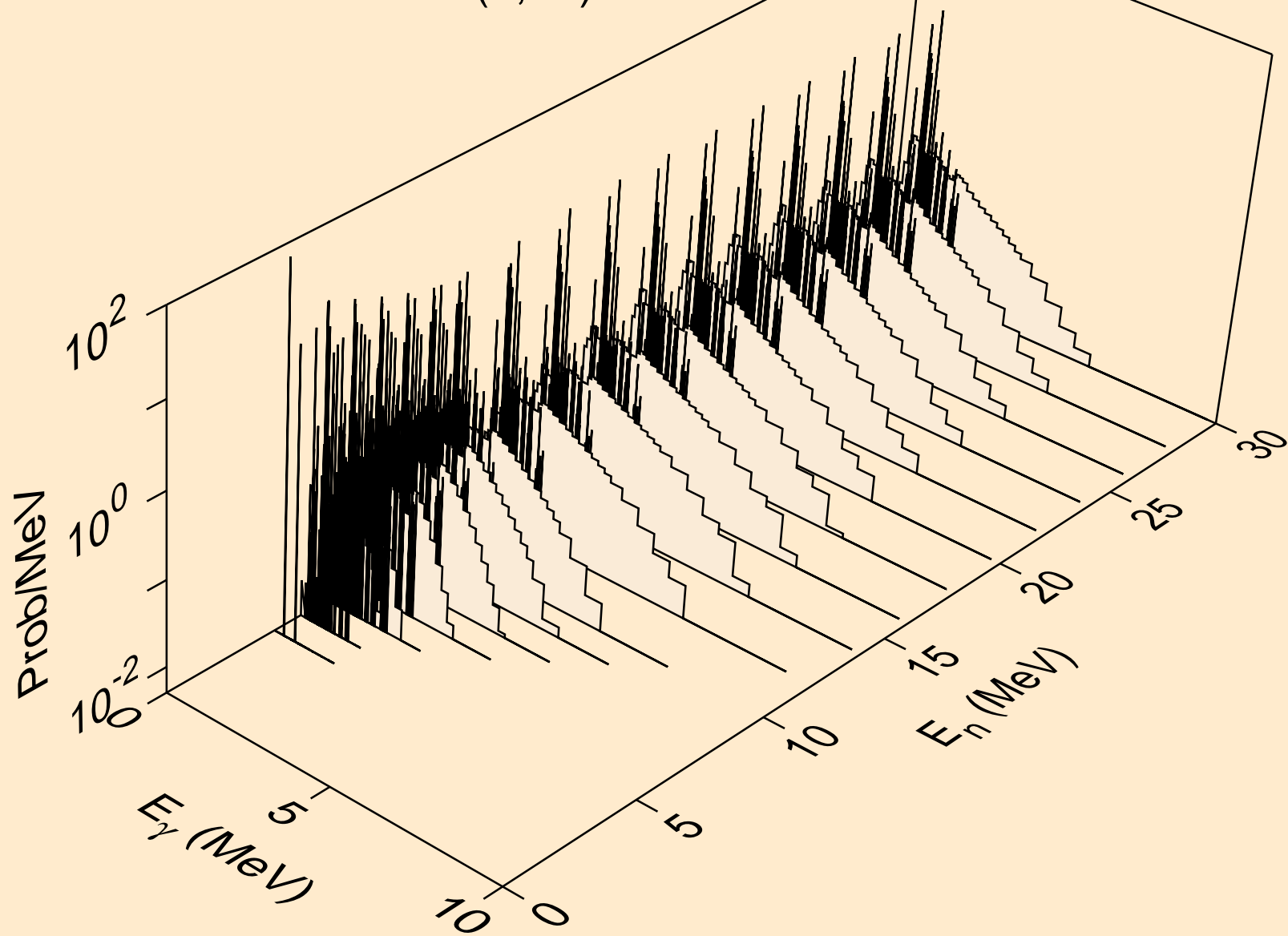
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



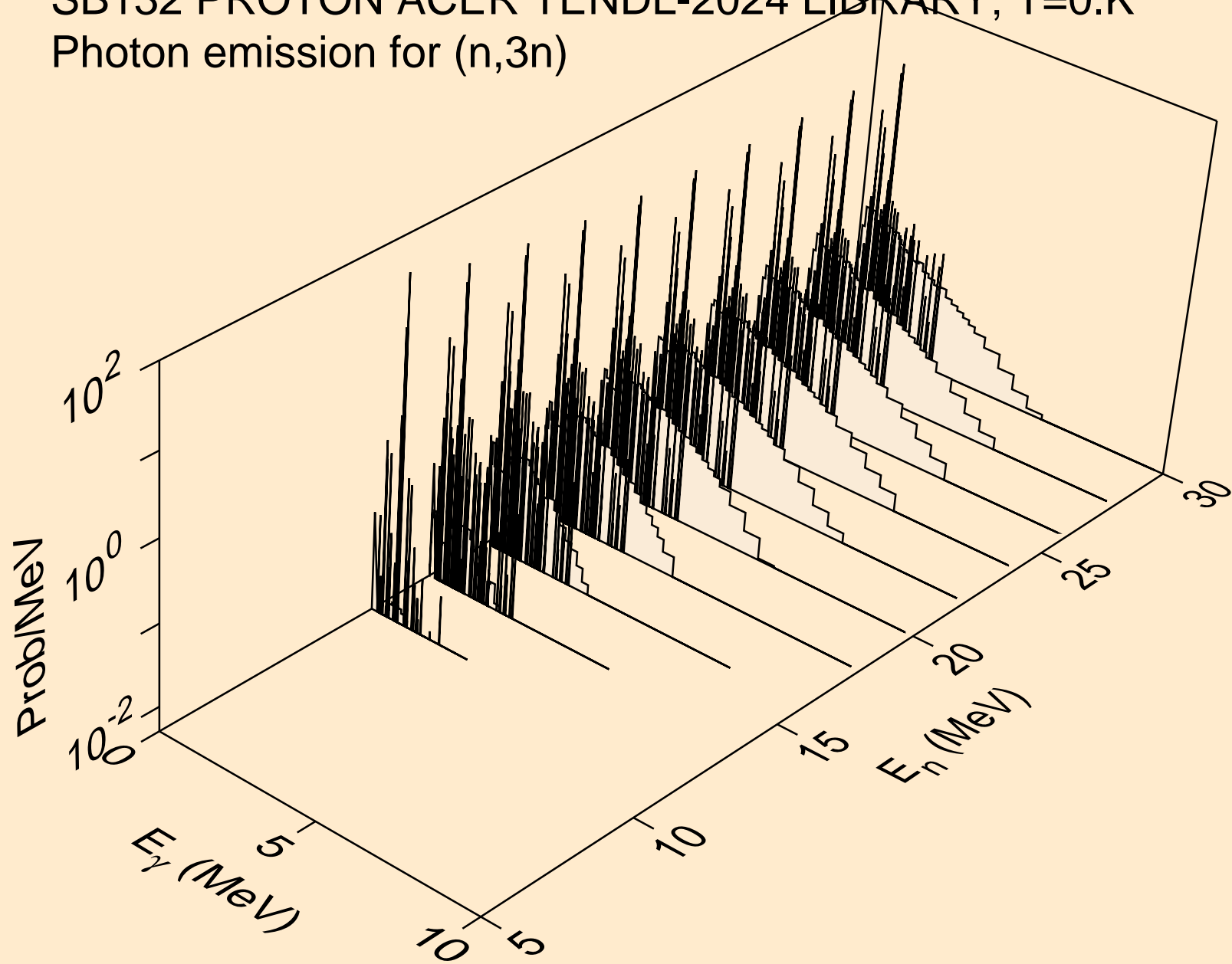
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Photon emission for (n,2nd)



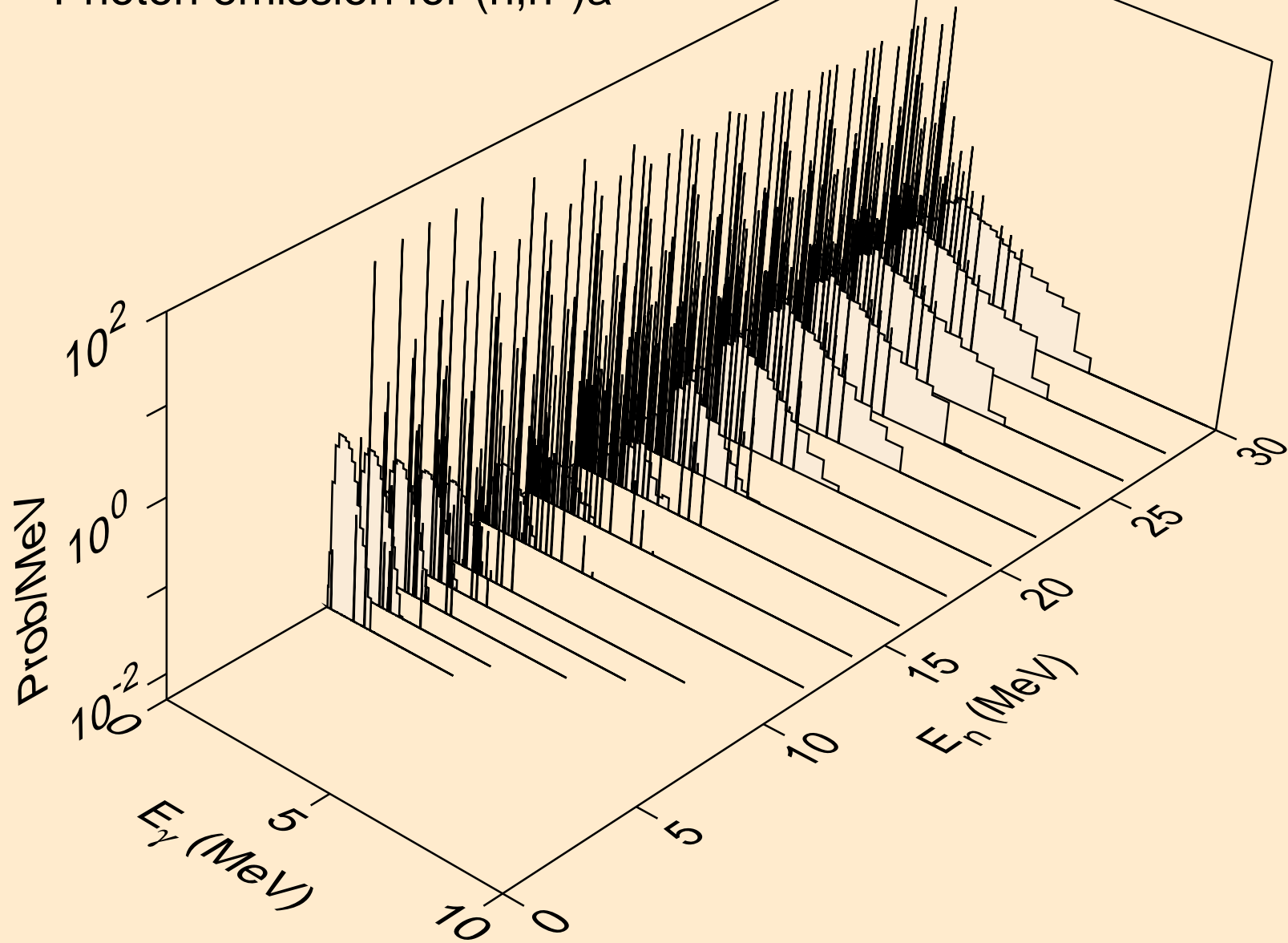
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Photon emission for (n,2n)



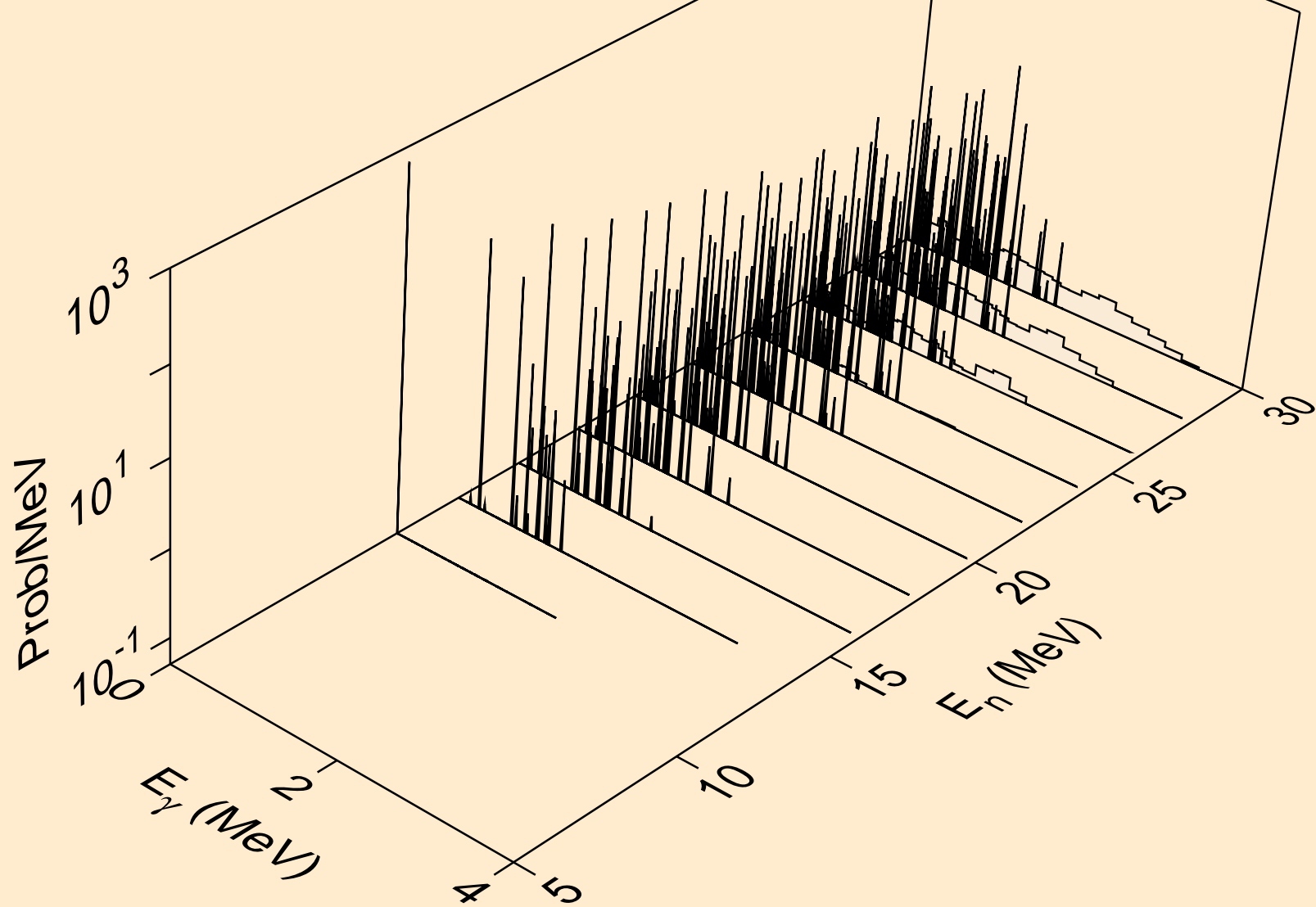
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



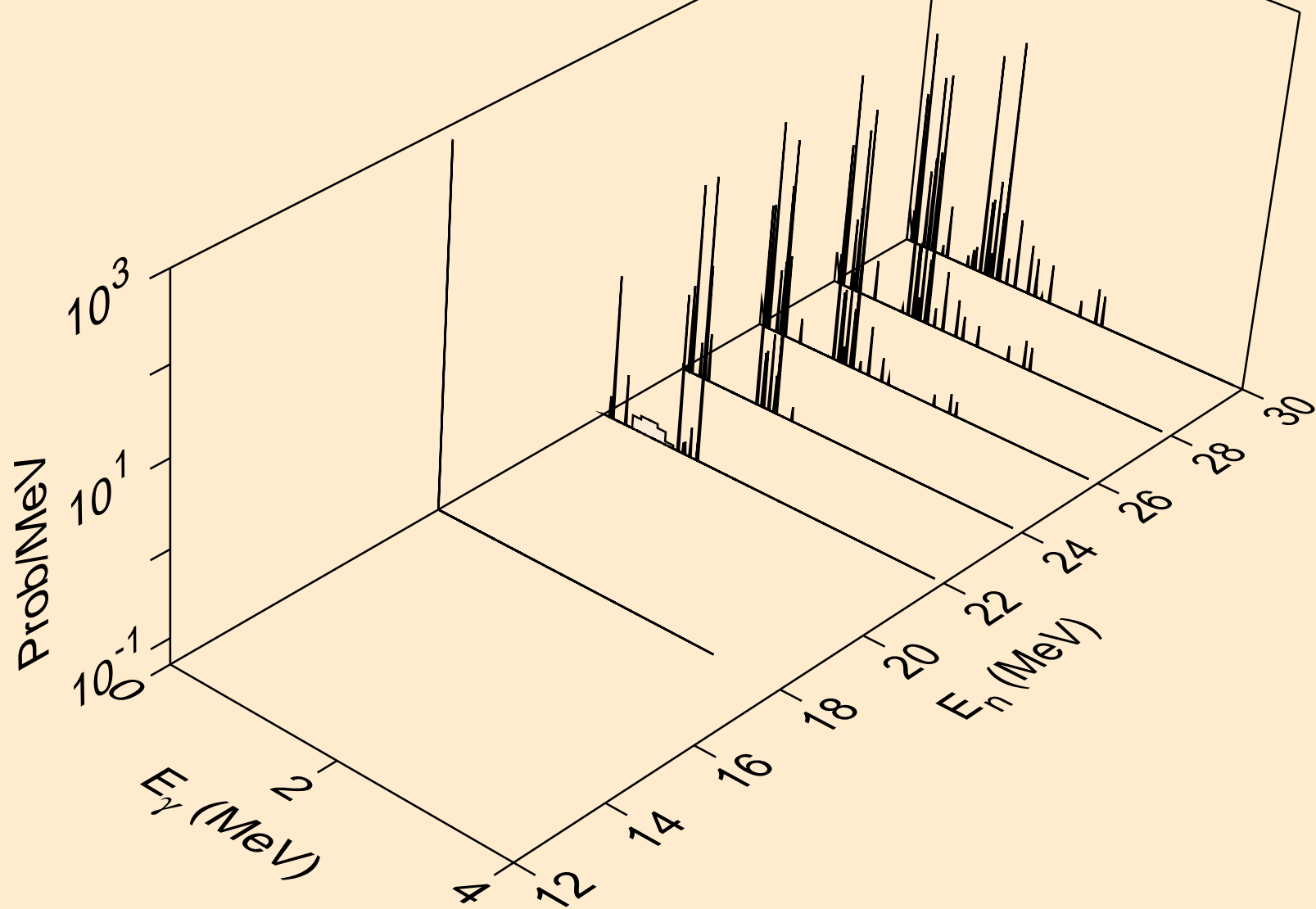
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



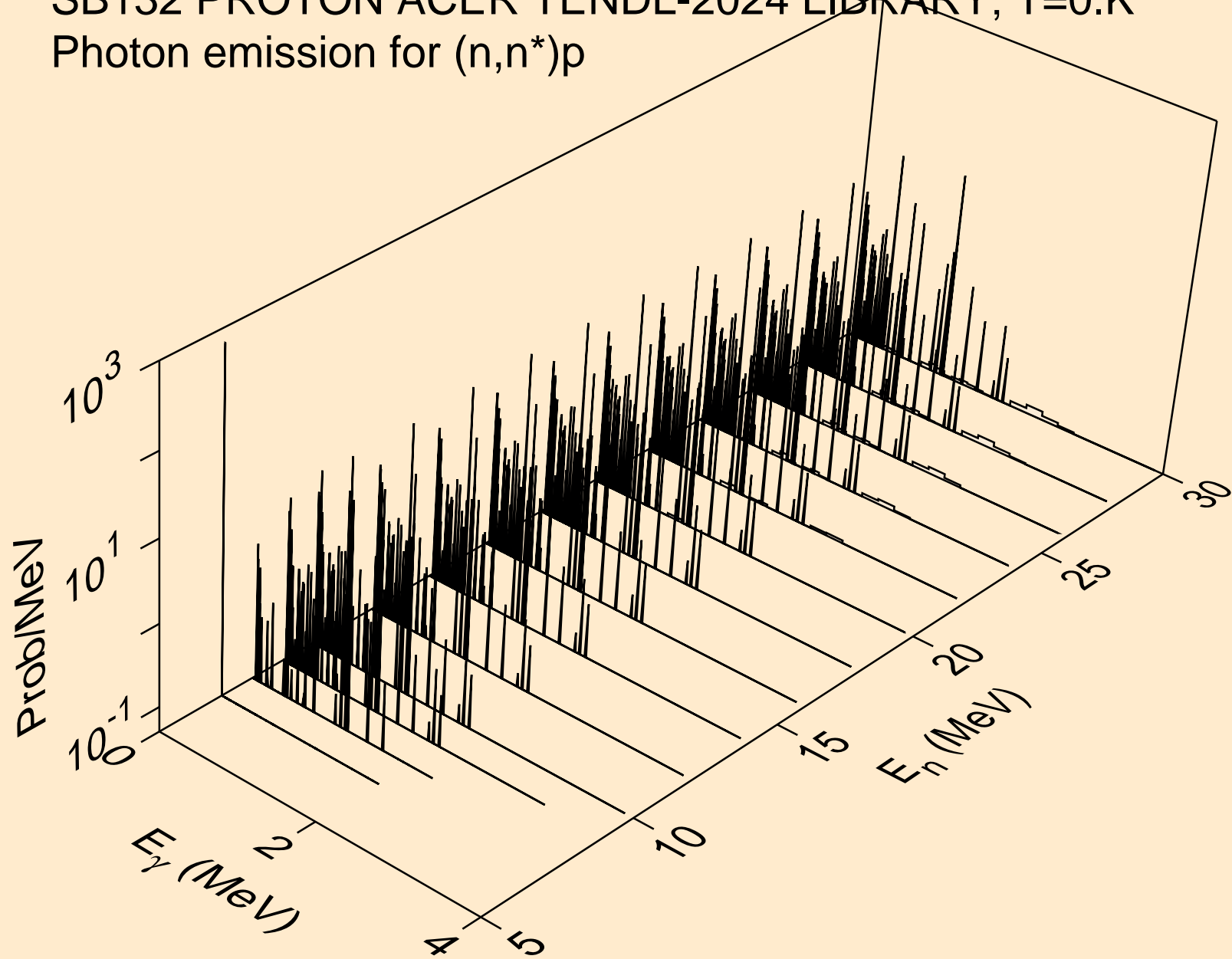
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



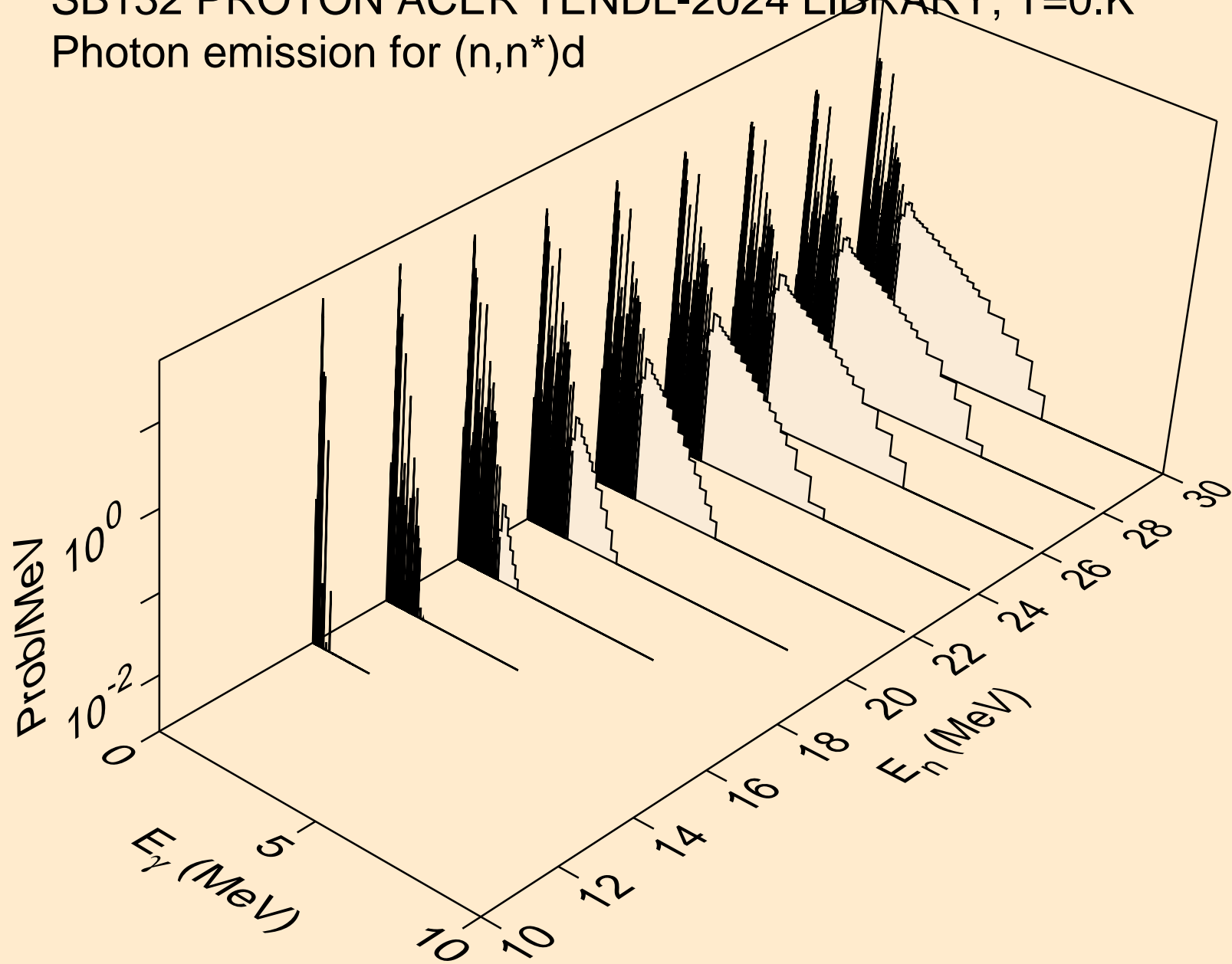
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Photon emission for (n,3n)a



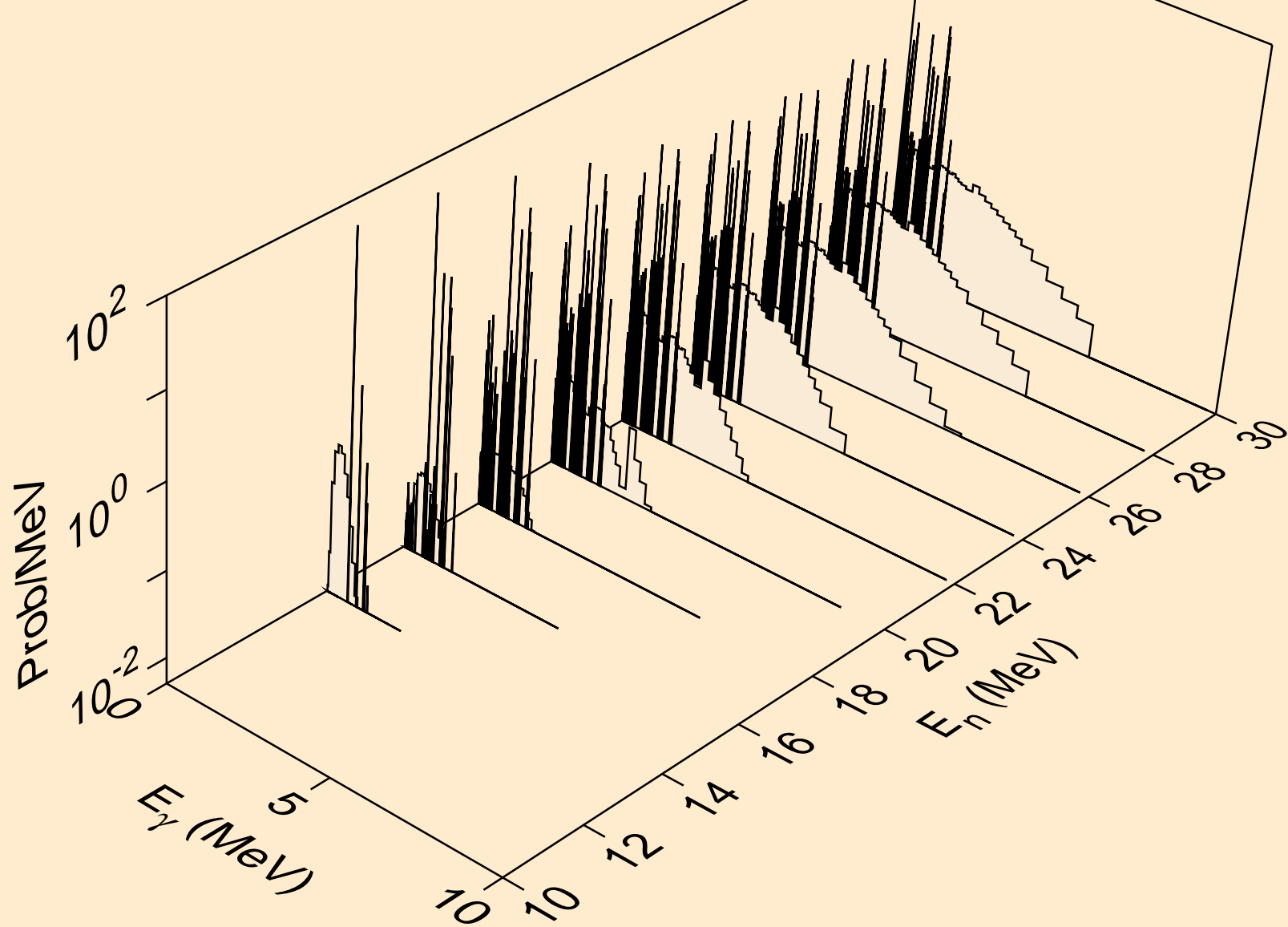
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



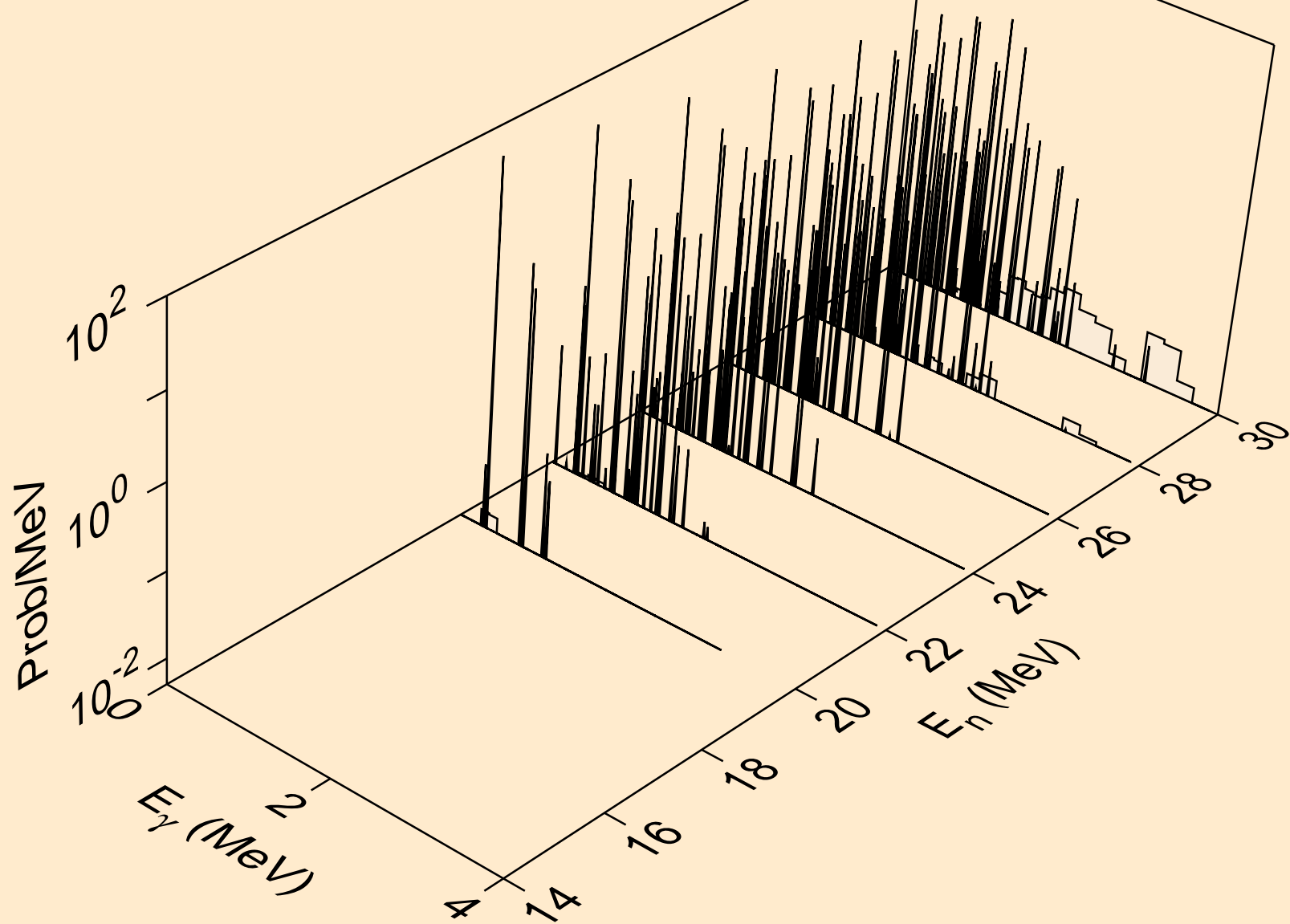
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Photon emission for (n,n\*)d



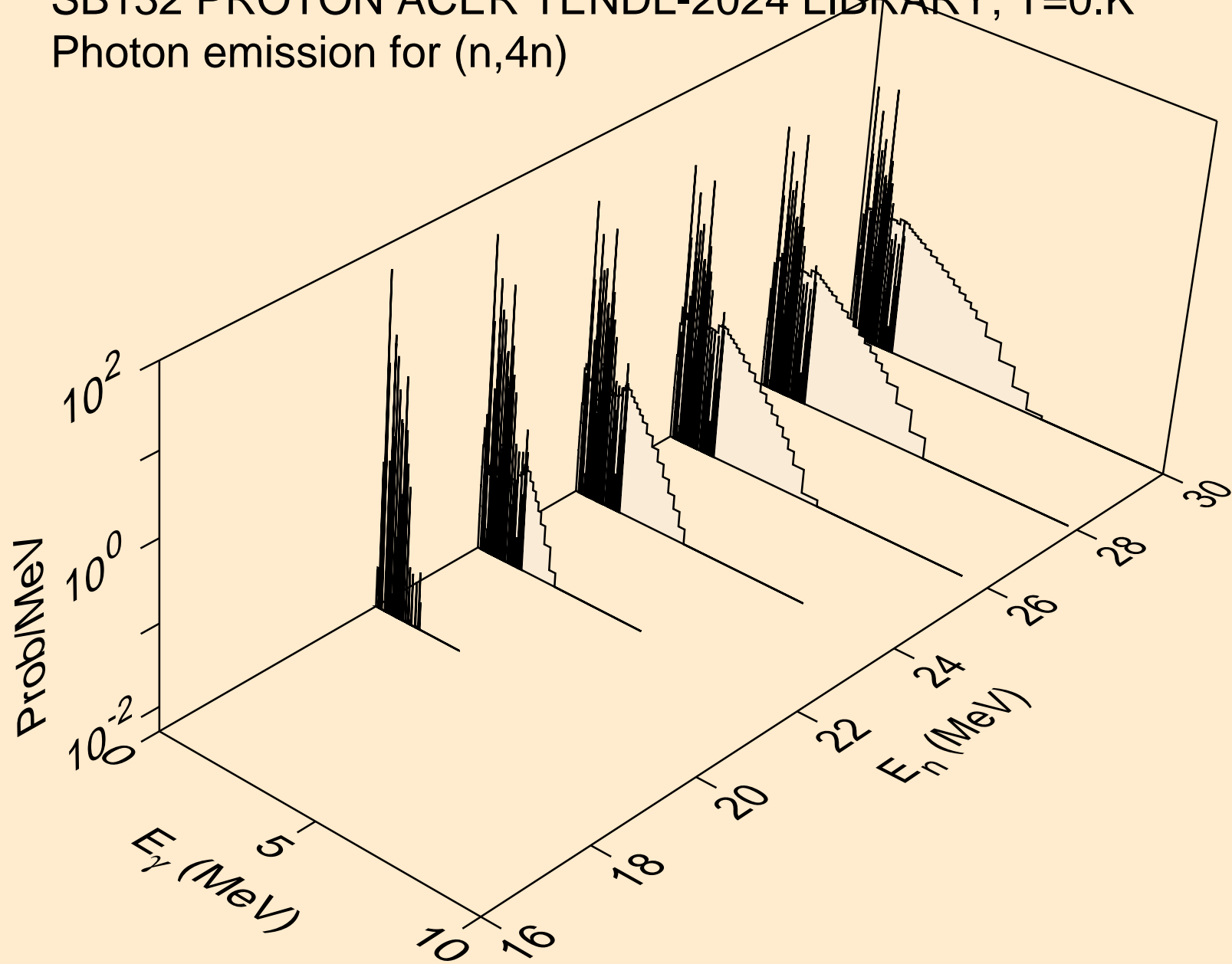
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



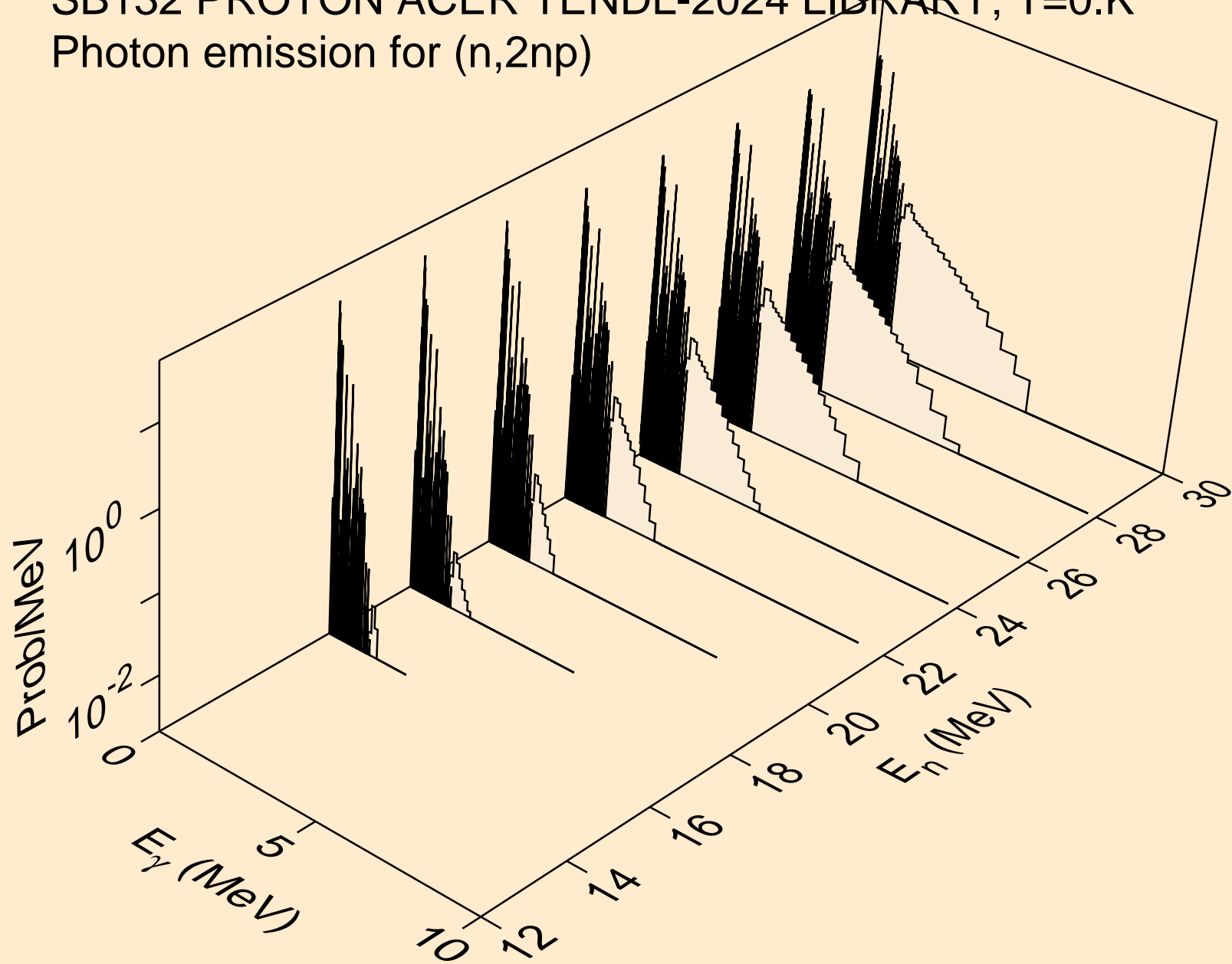
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



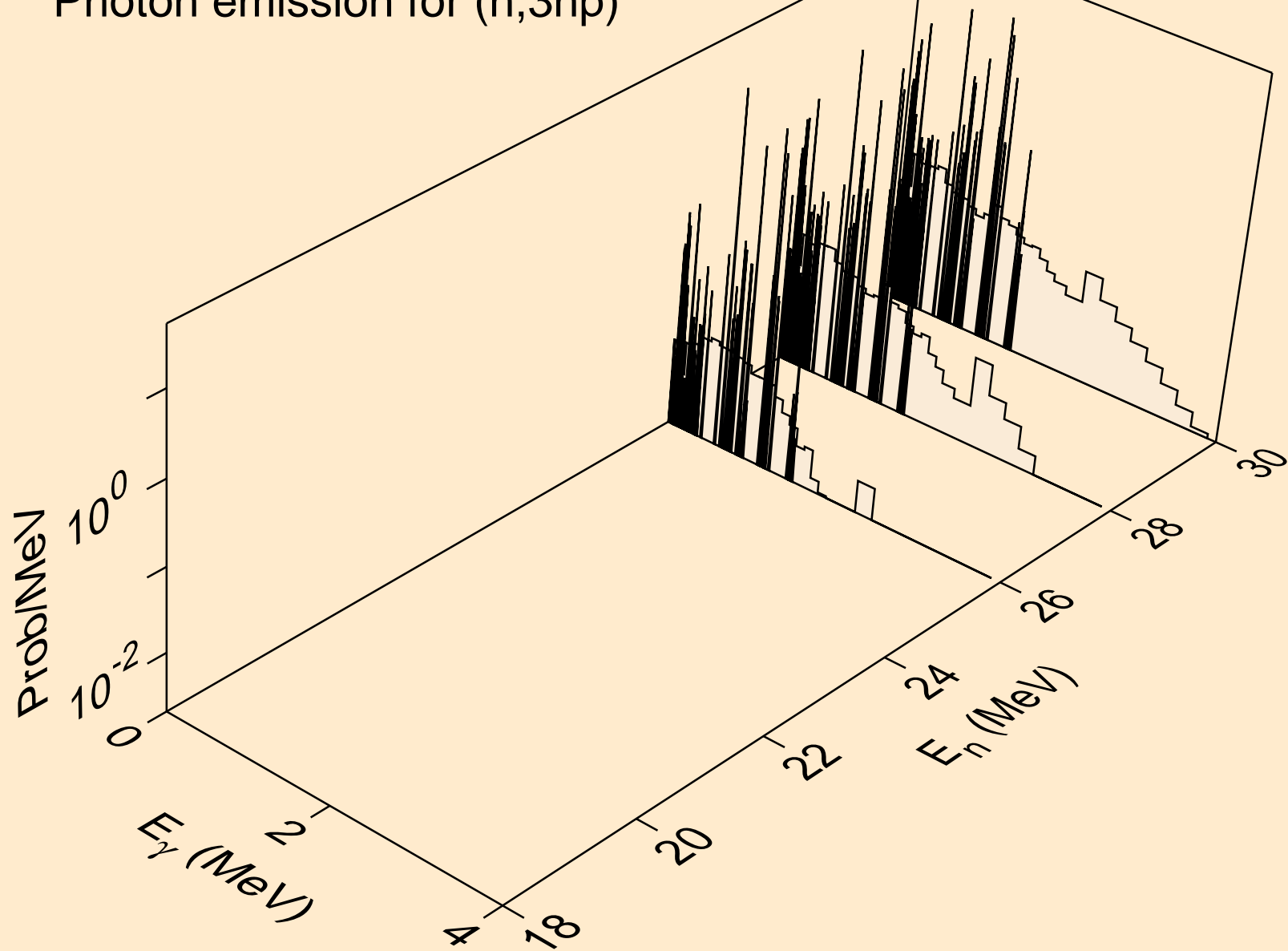
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



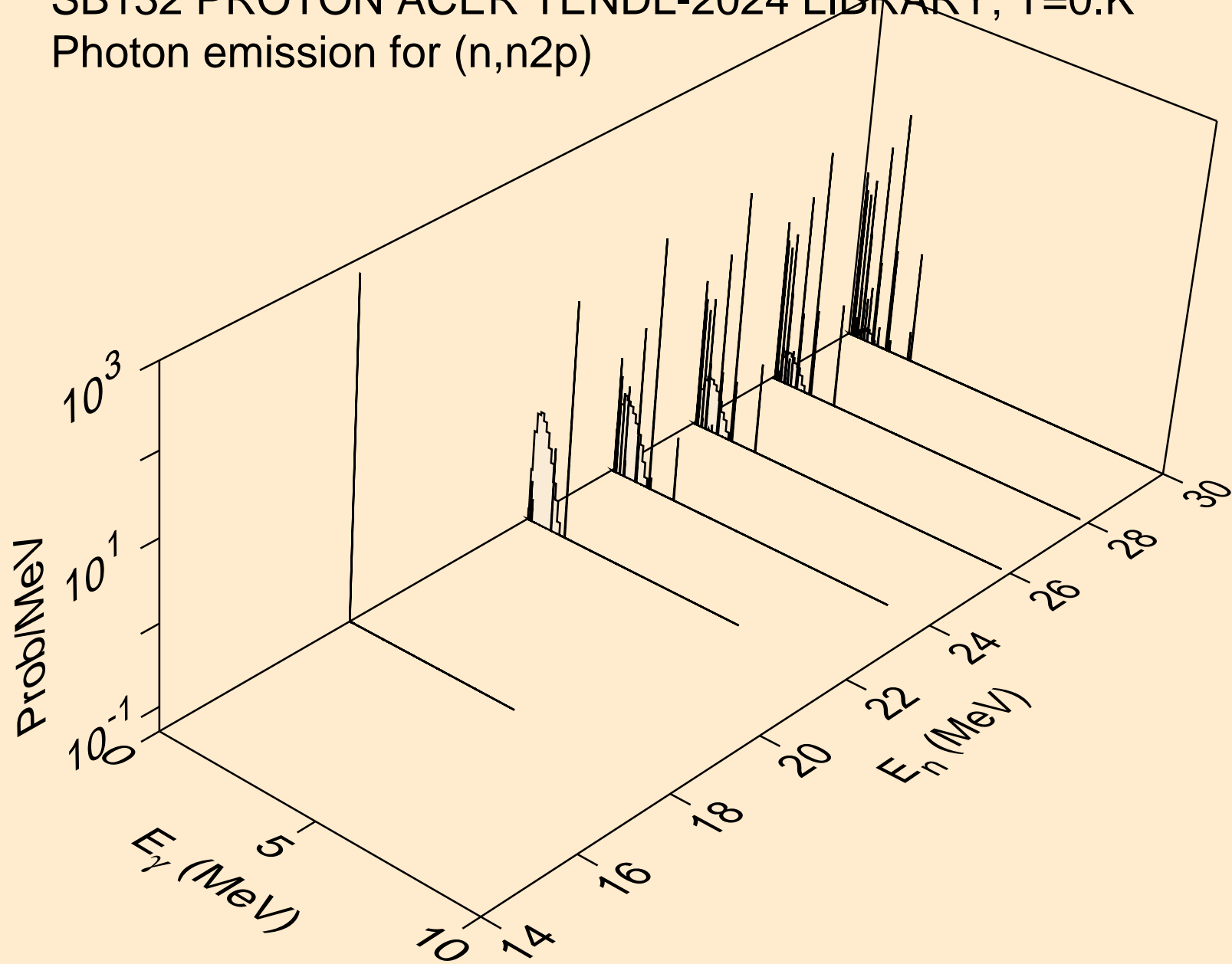
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Photon emission for (n,2np)



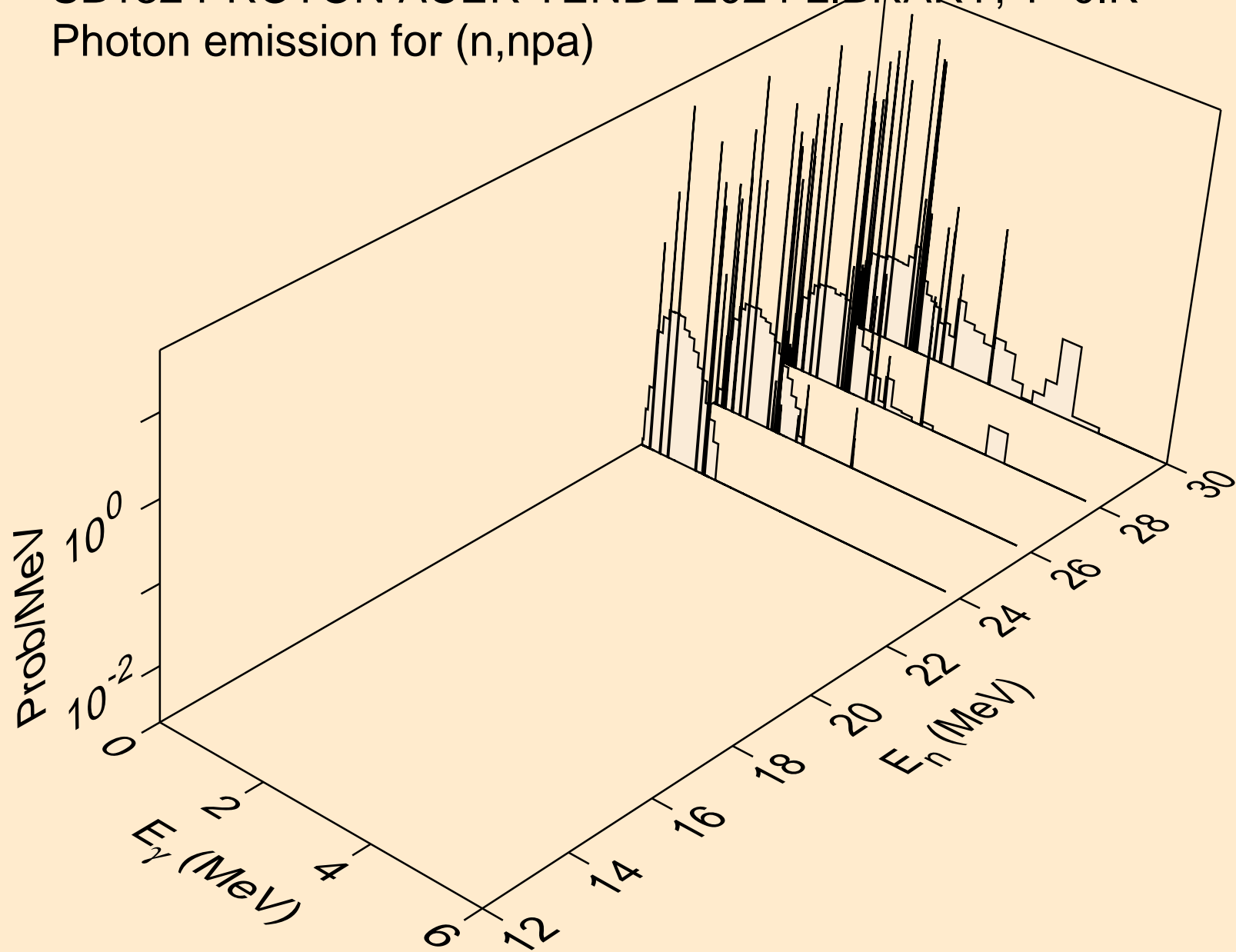
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Photon emission for (n,3np)



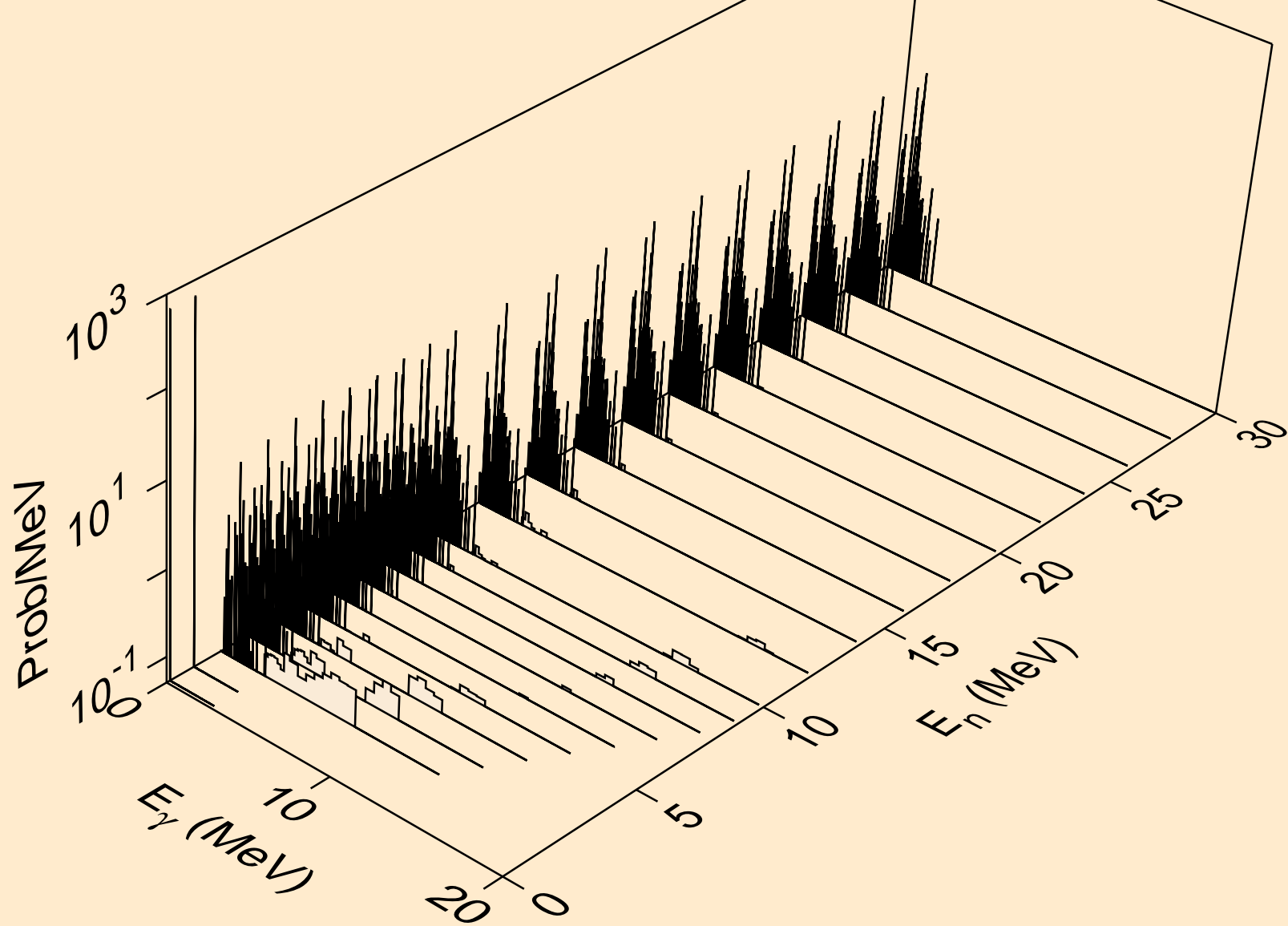
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Photon emission for (n,n2p)



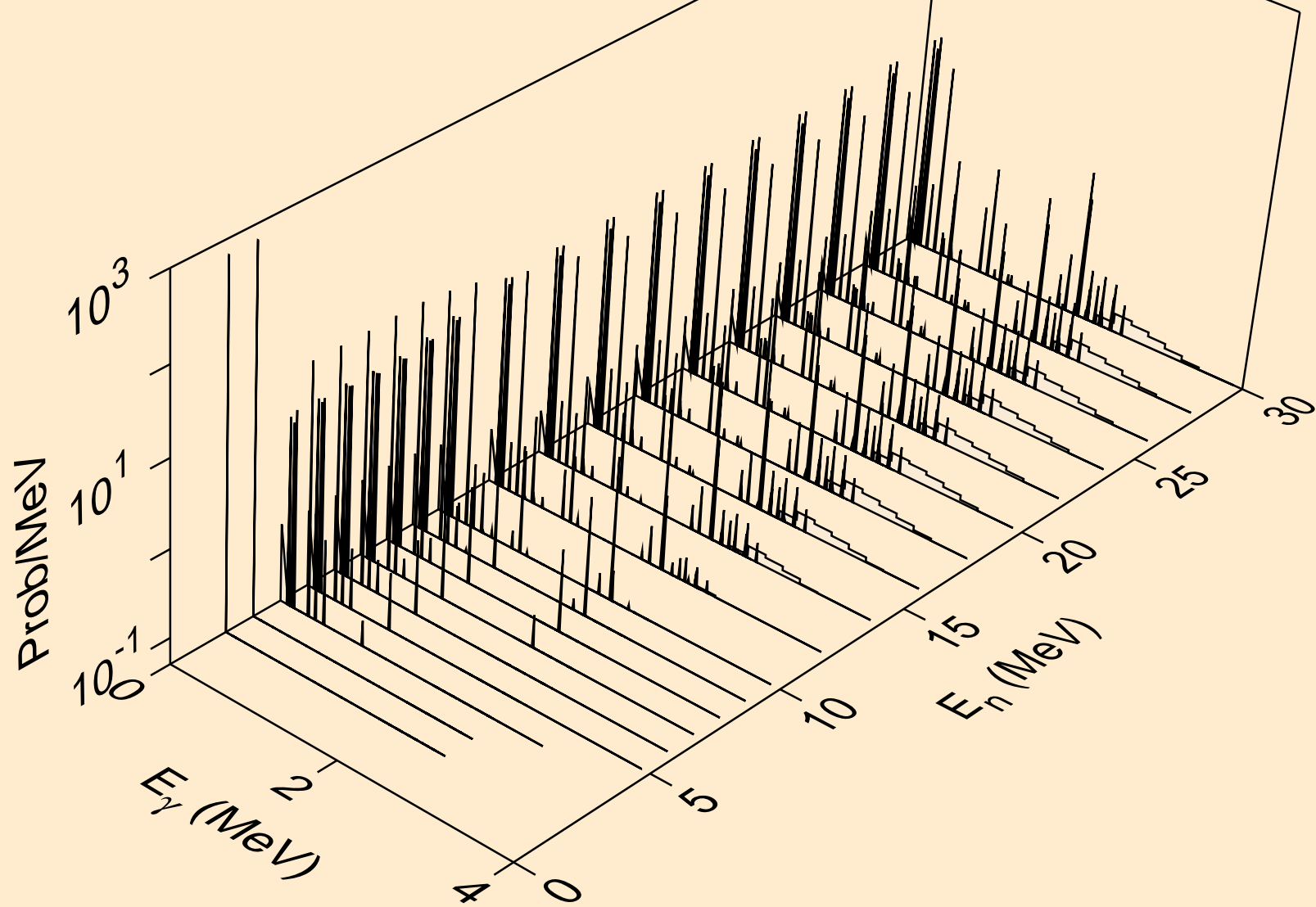
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



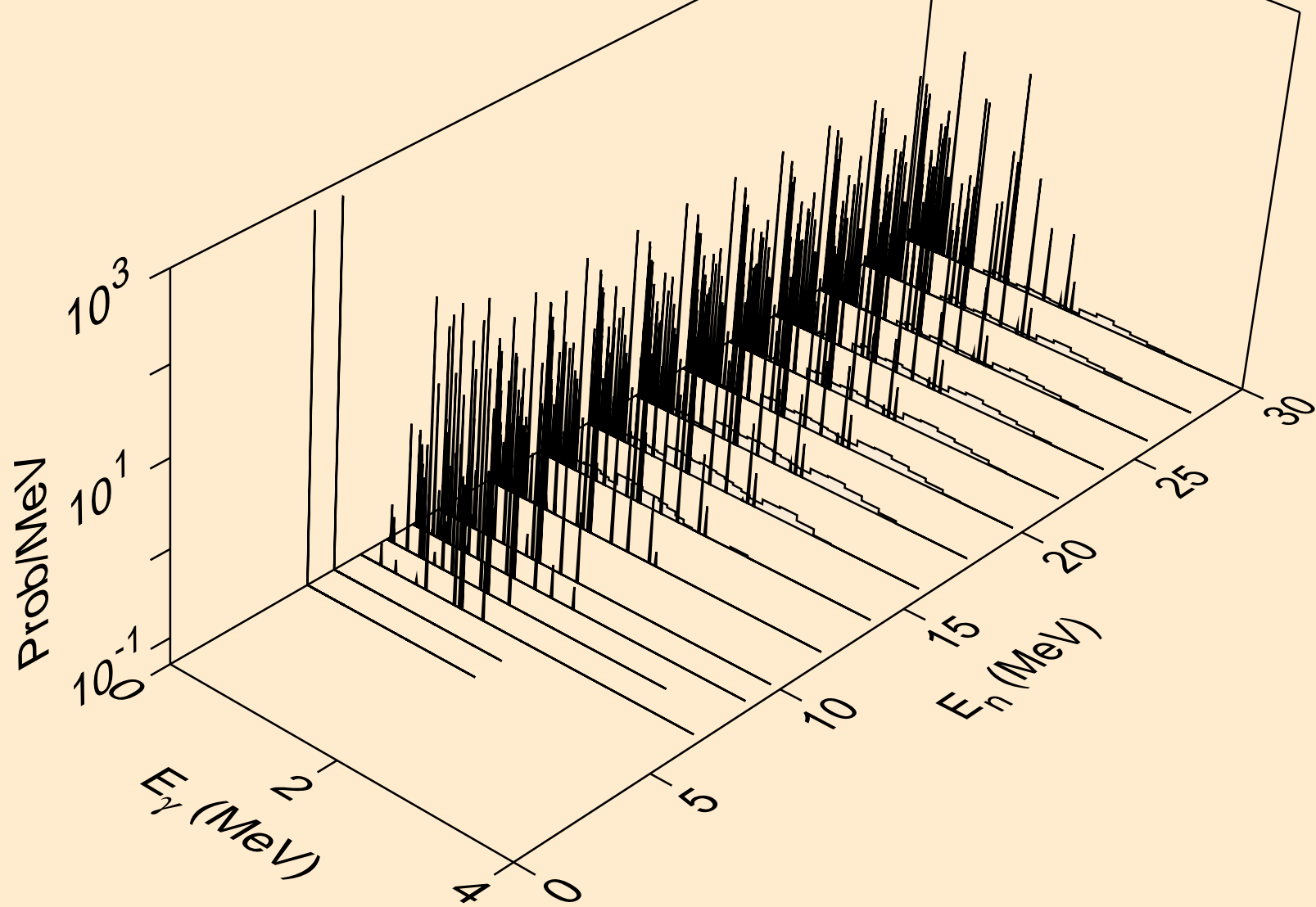
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



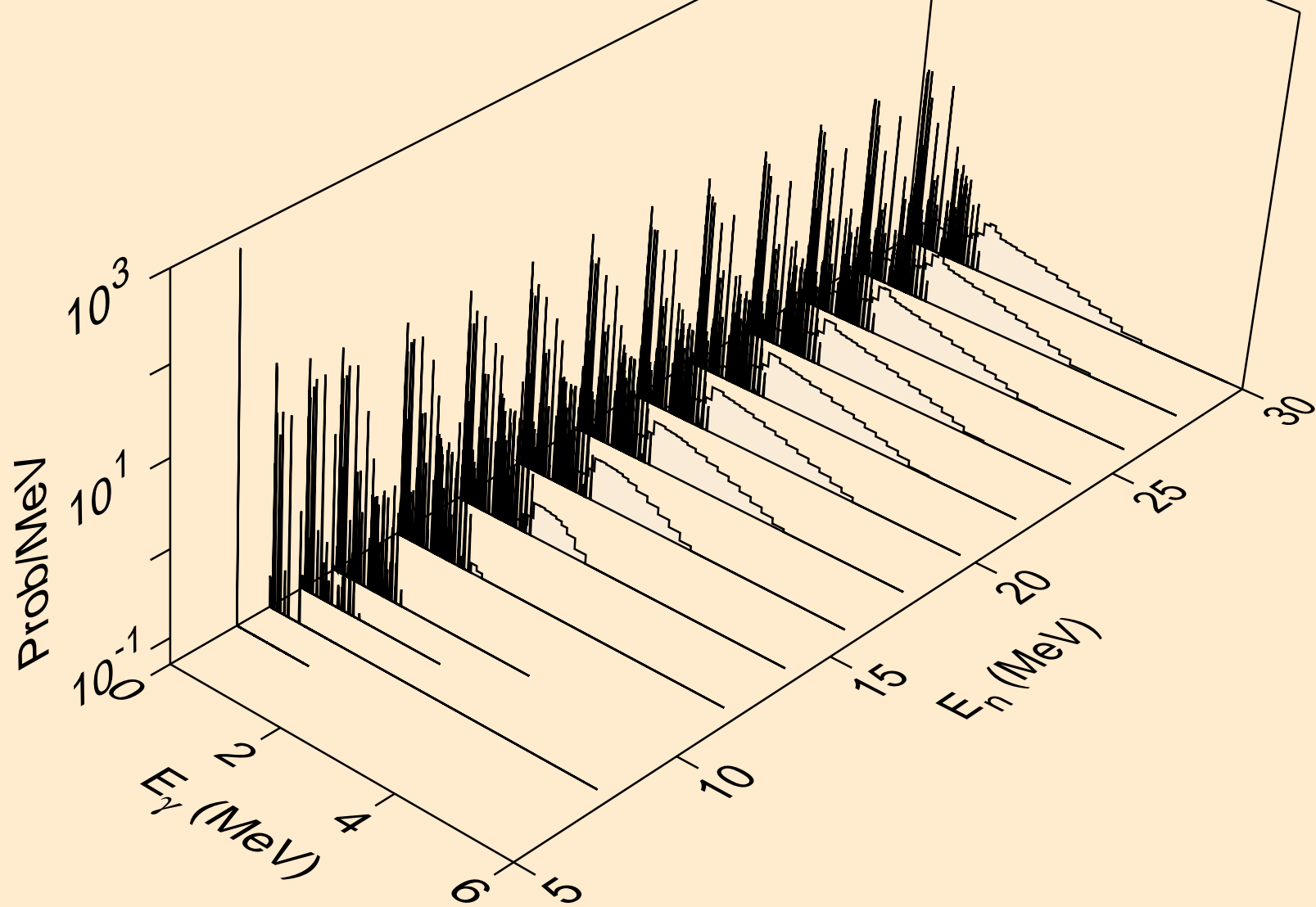
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



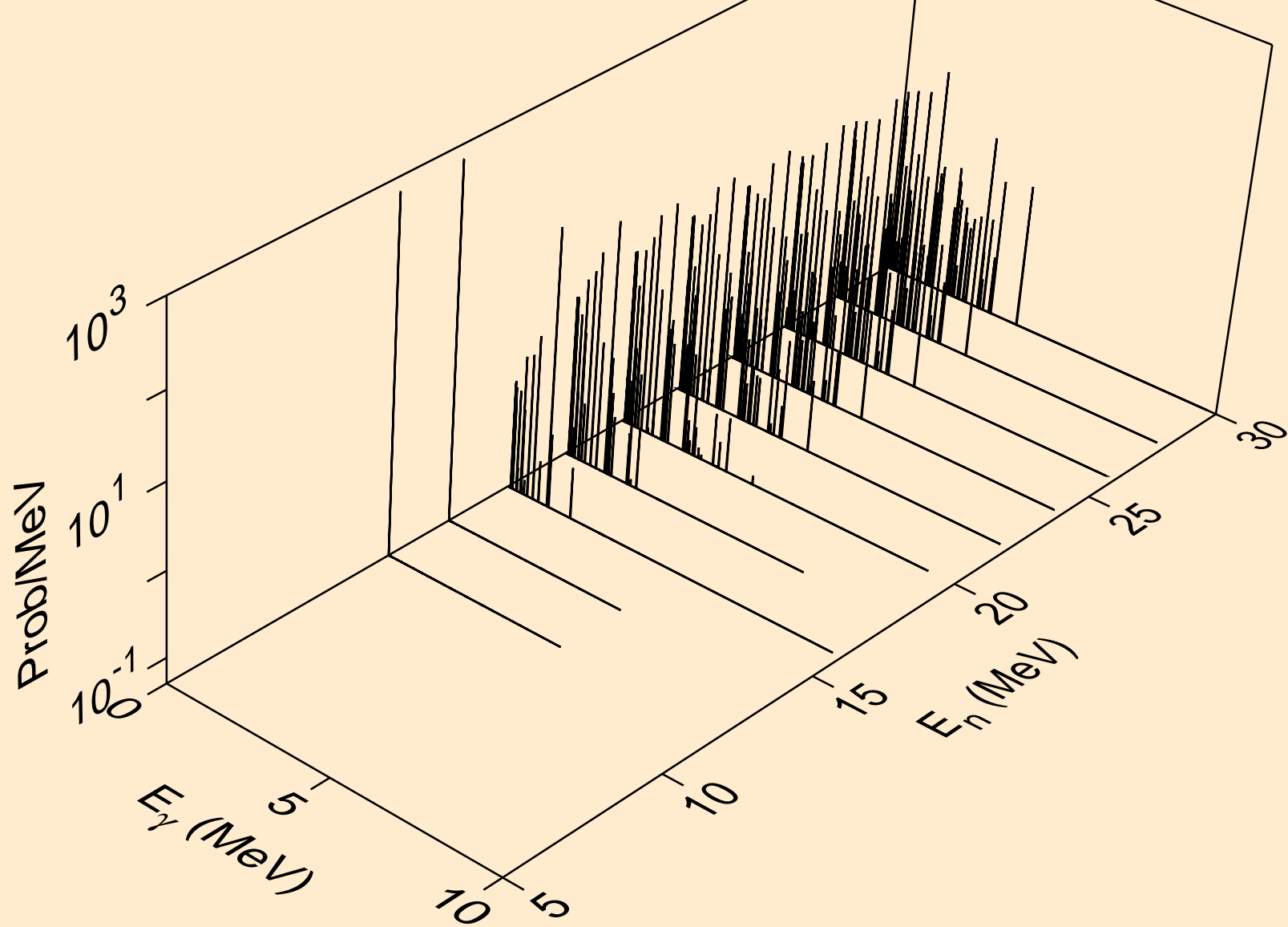
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Photon emission for (n,d)



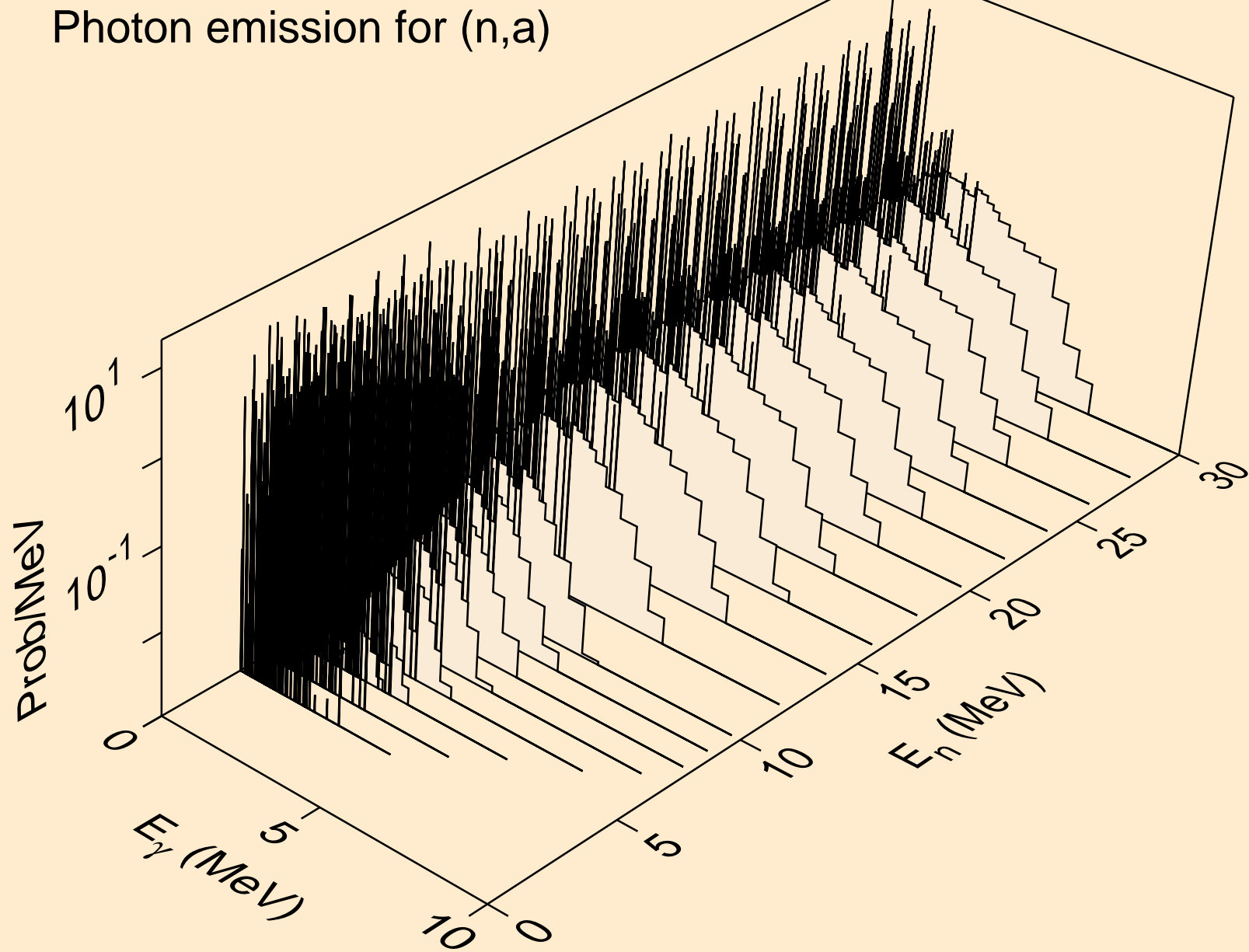
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



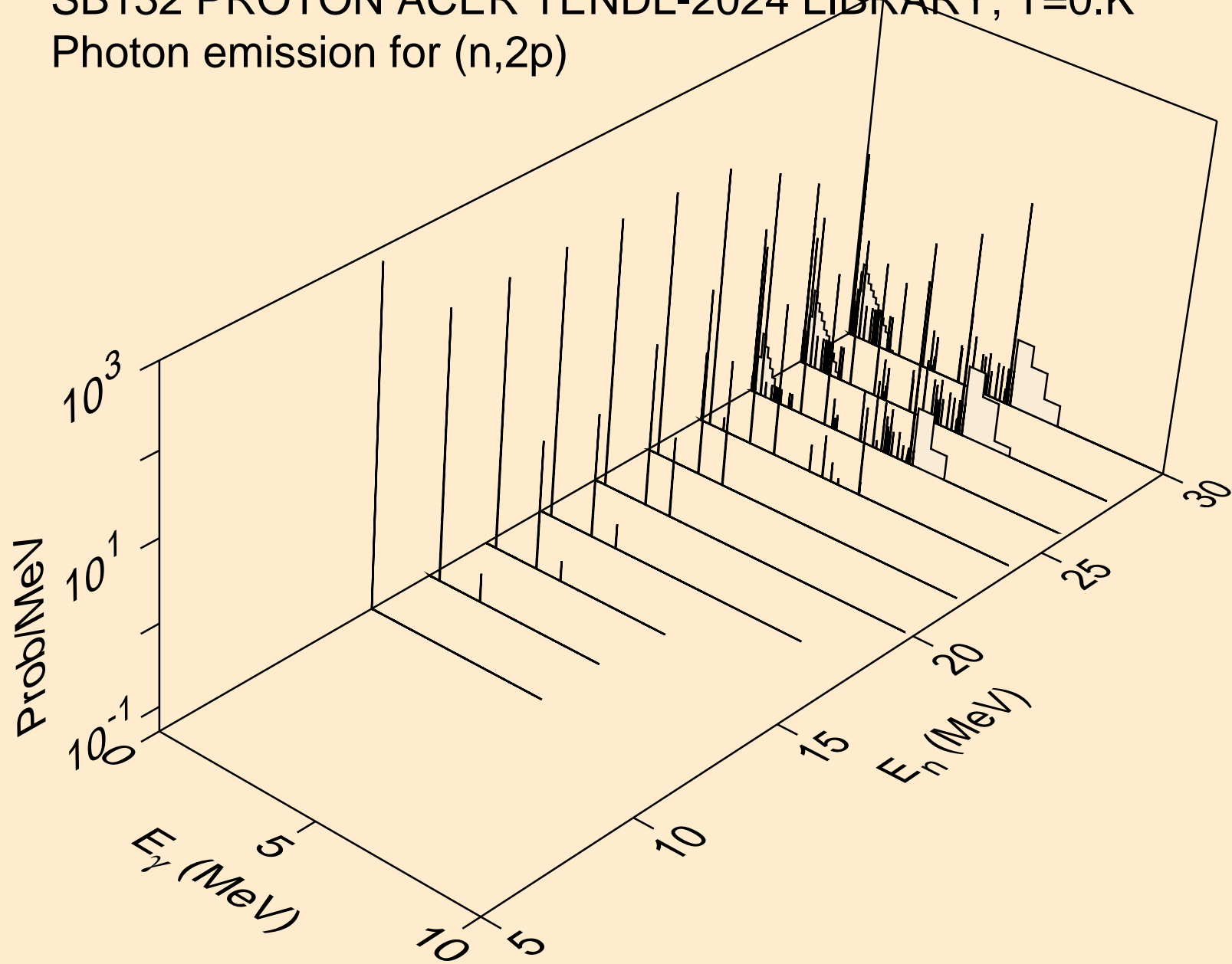
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Photon emission for (n,he3)



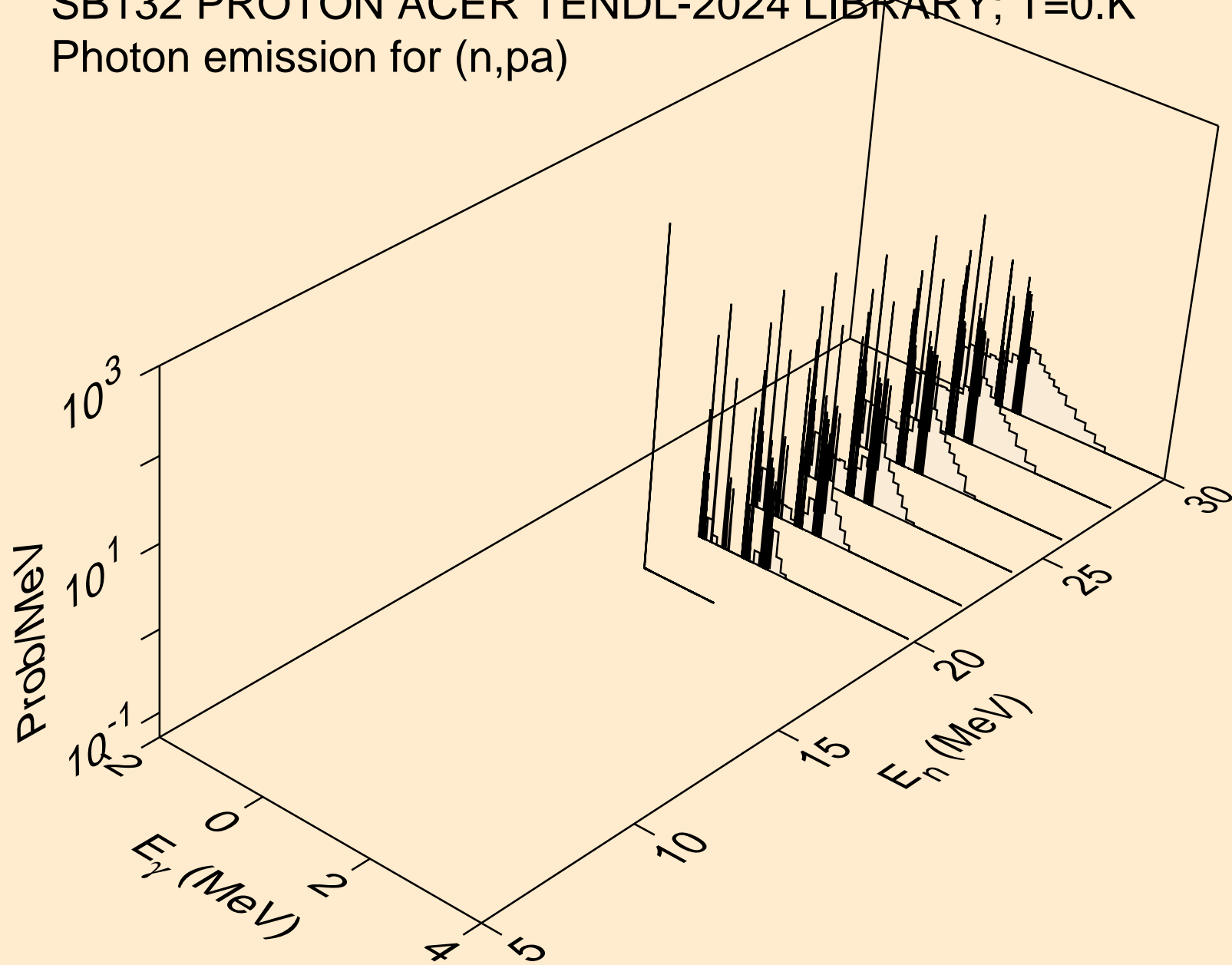
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Photon emission for (n,a)



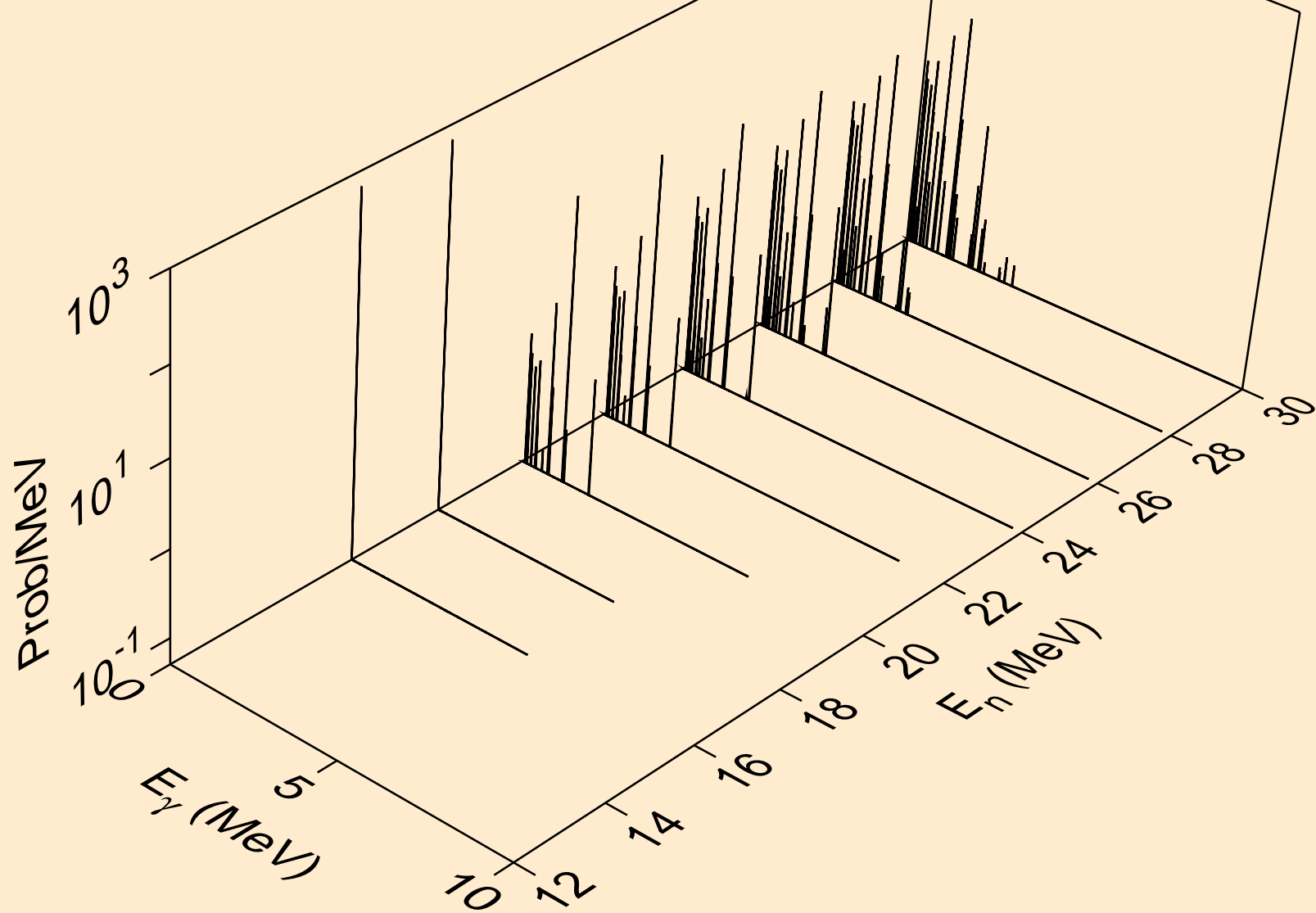
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



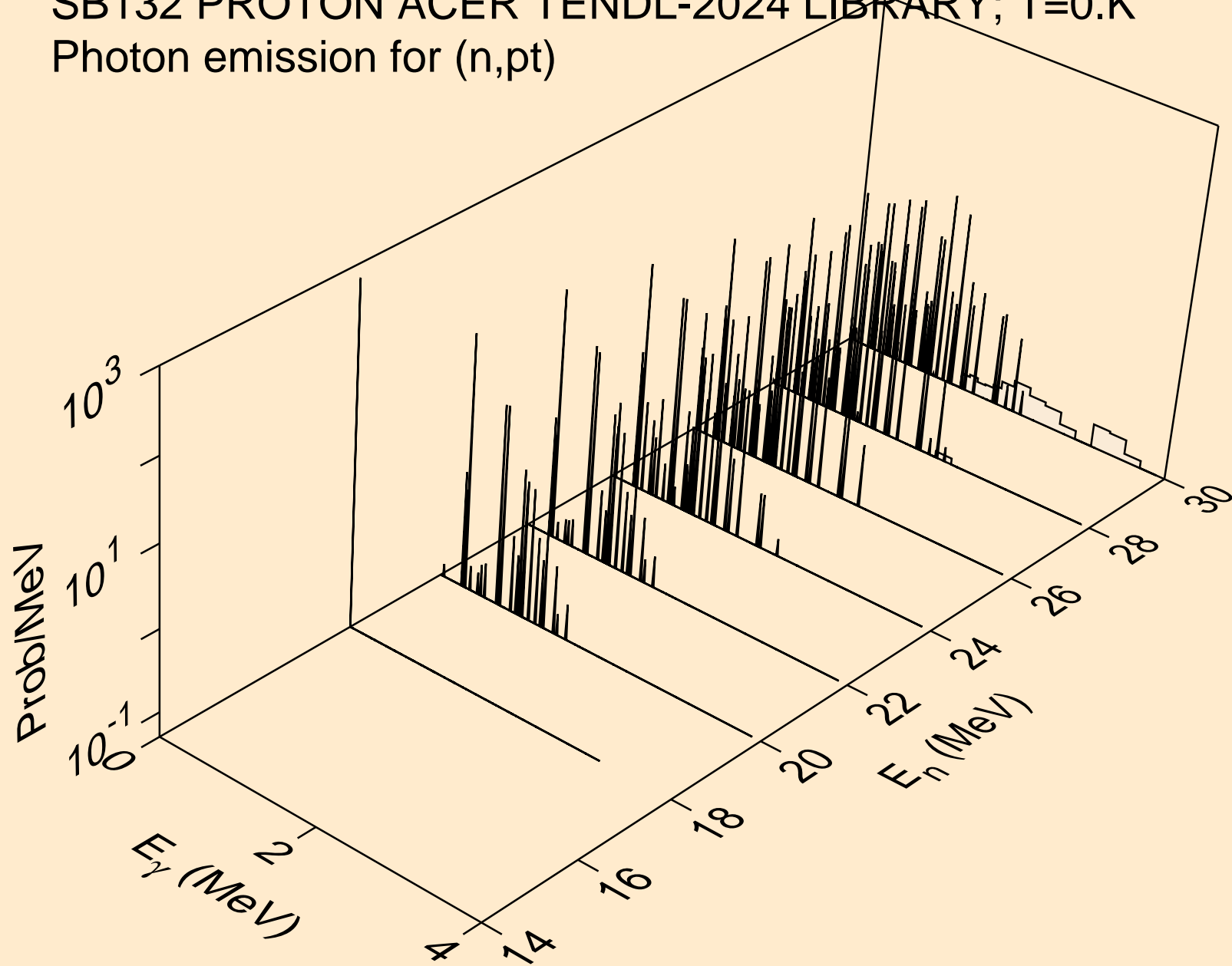
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

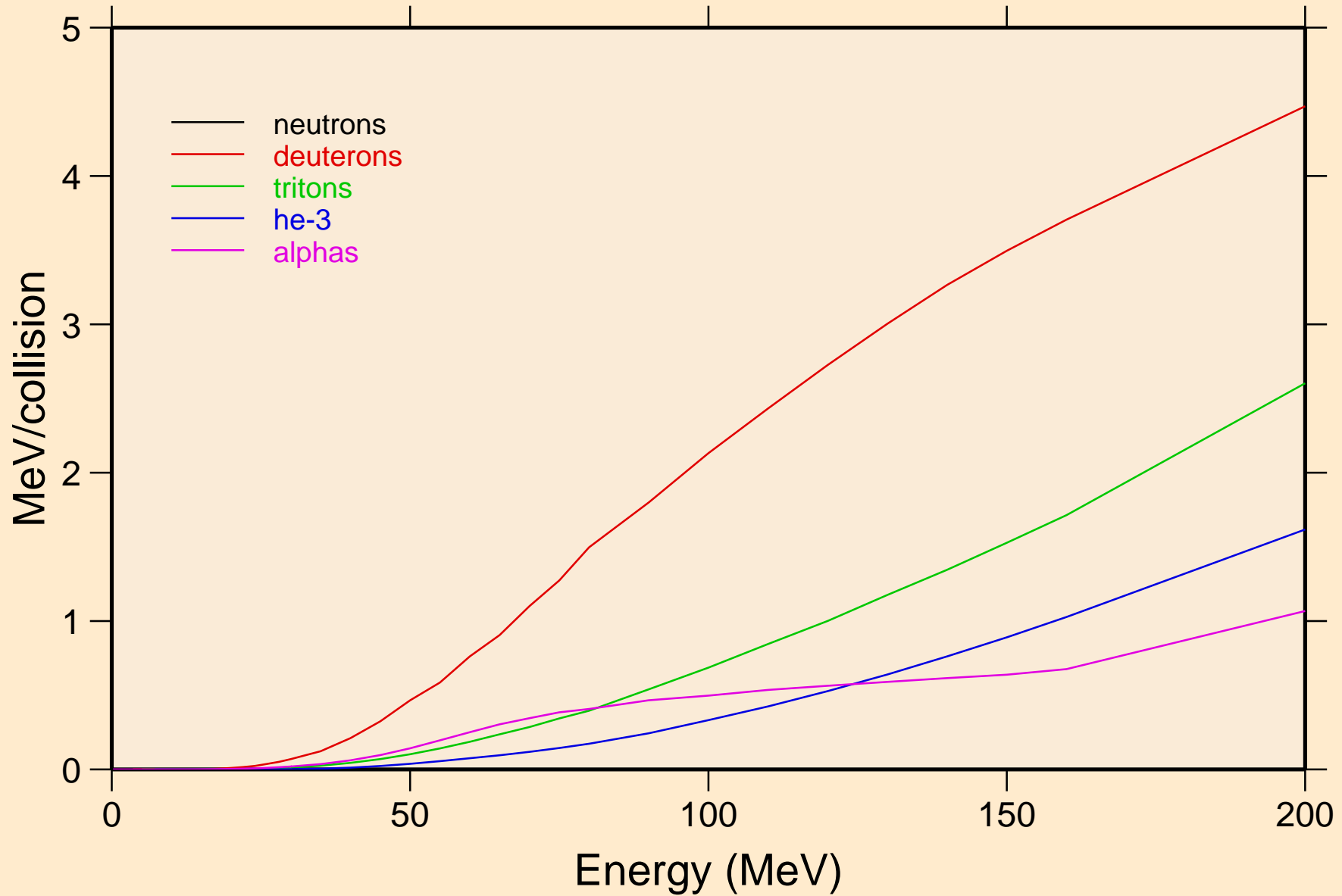


SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

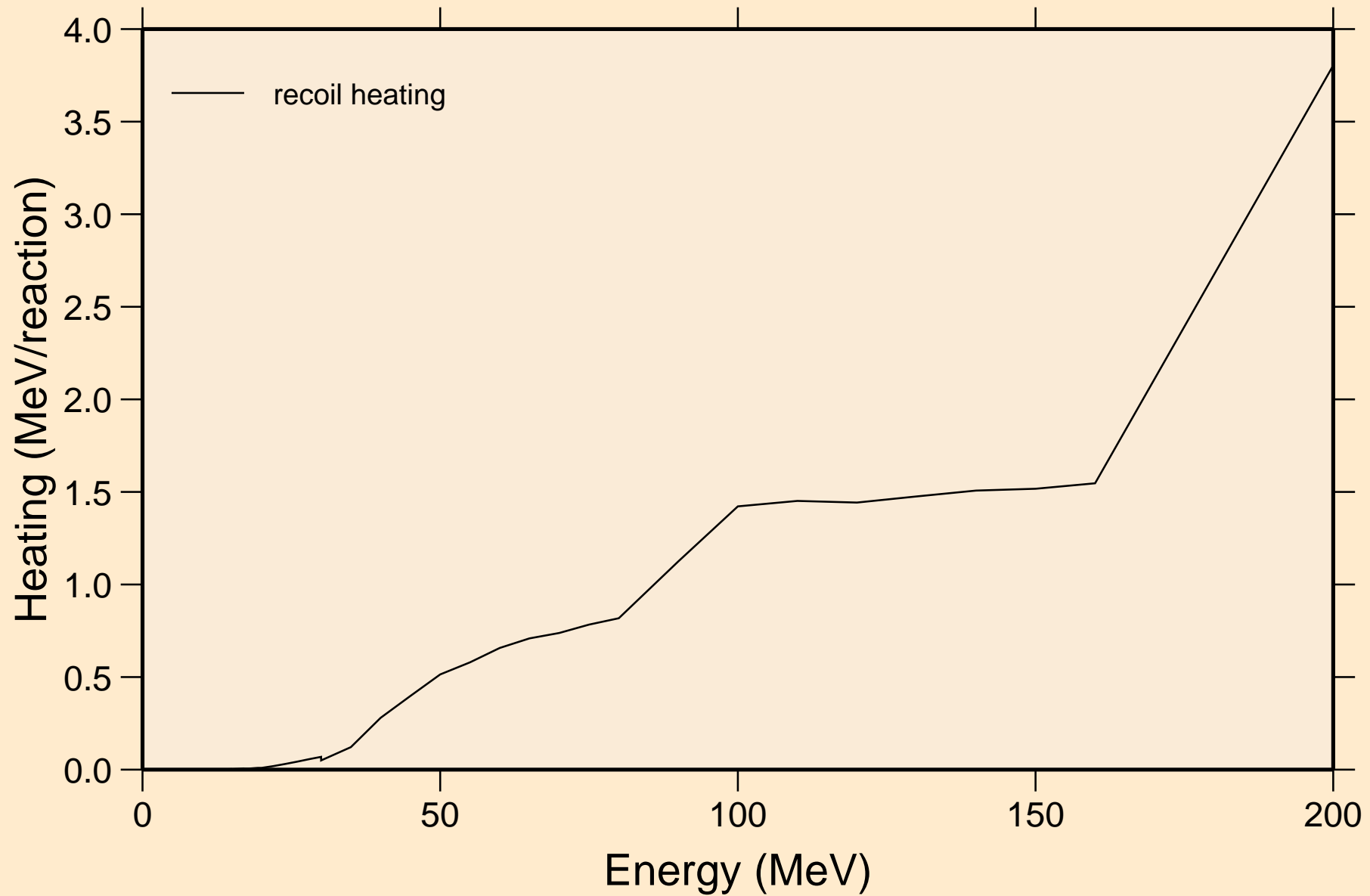


# SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K

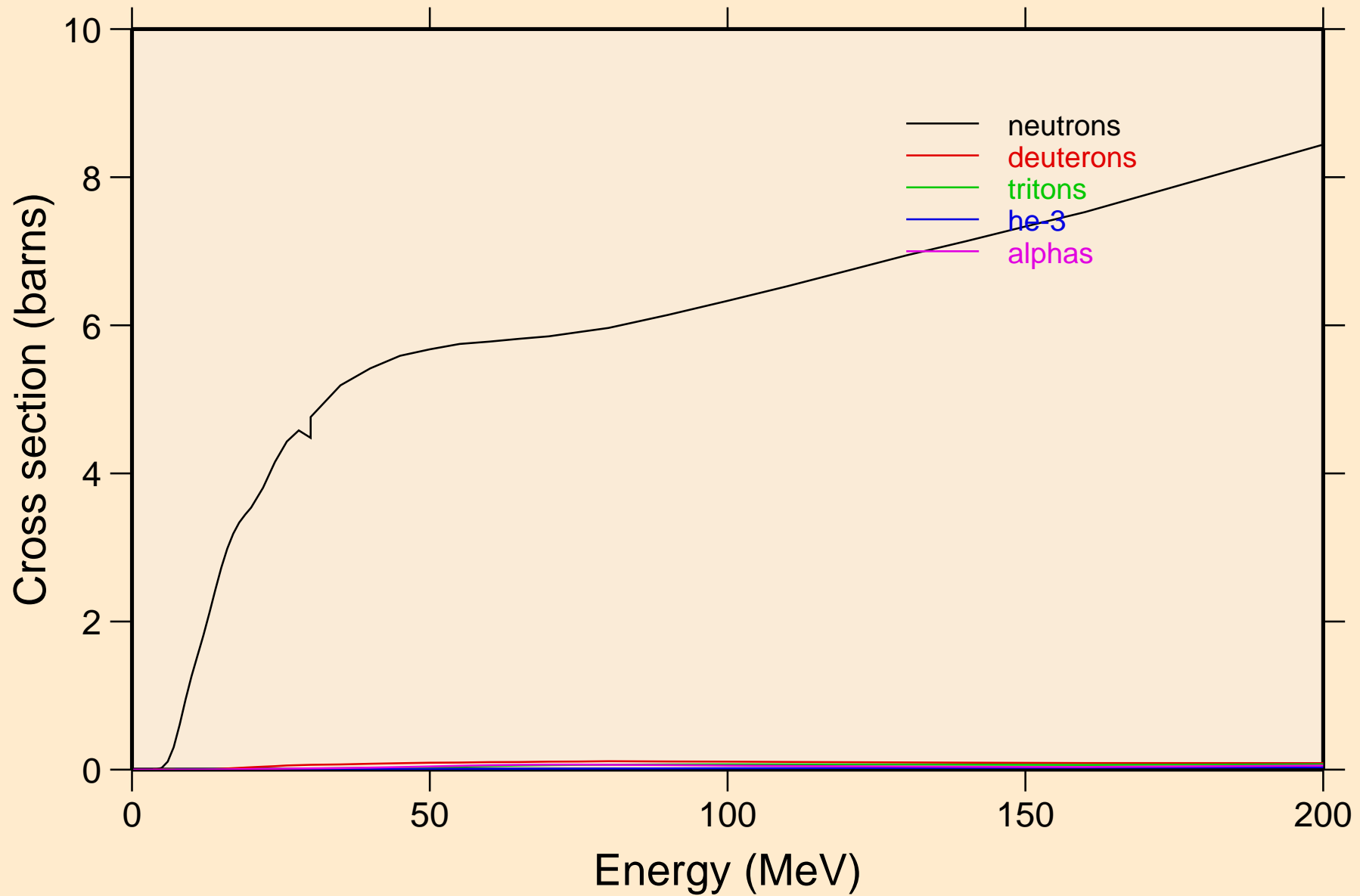
## Particle heating contributions



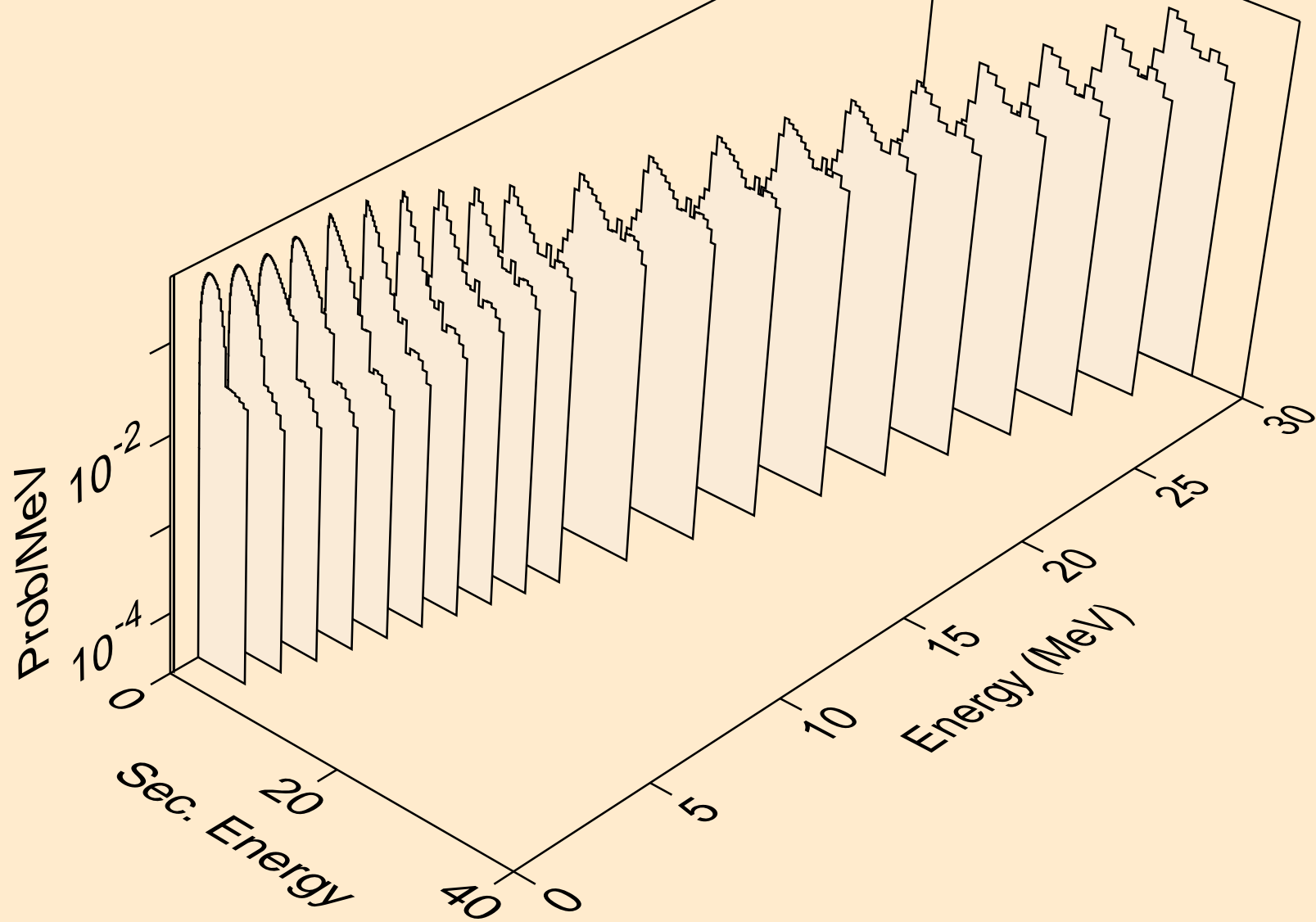
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



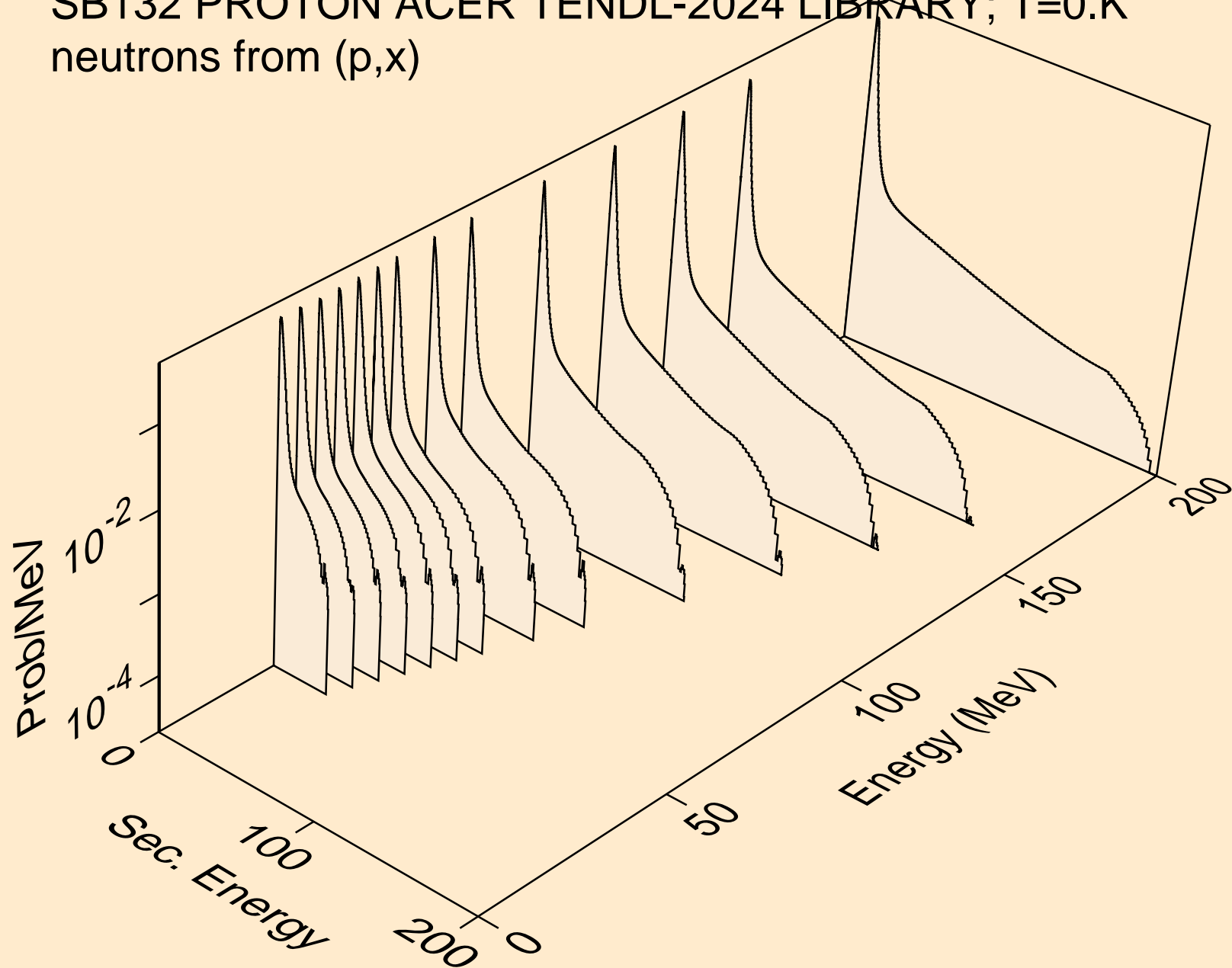
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



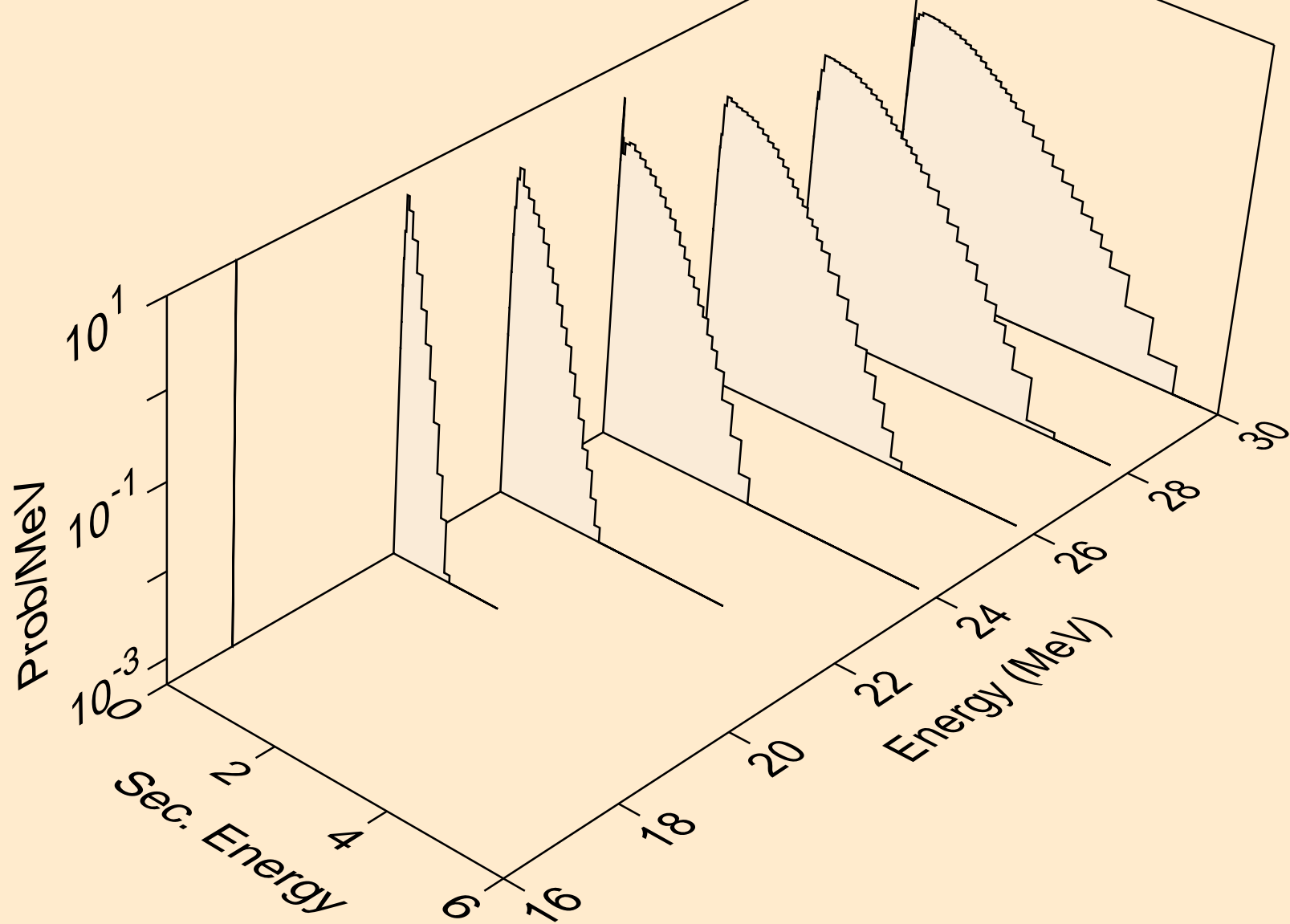
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



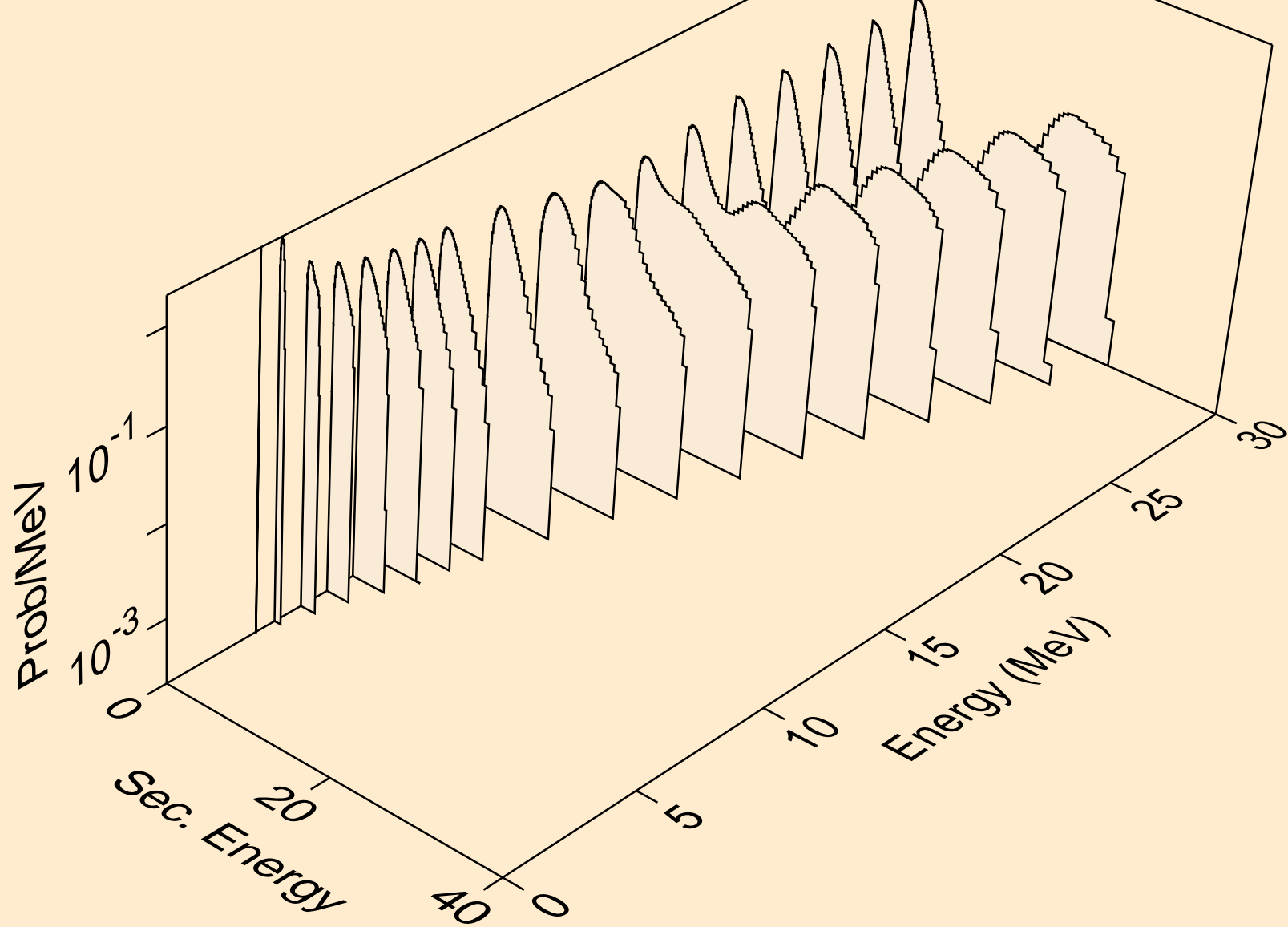
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



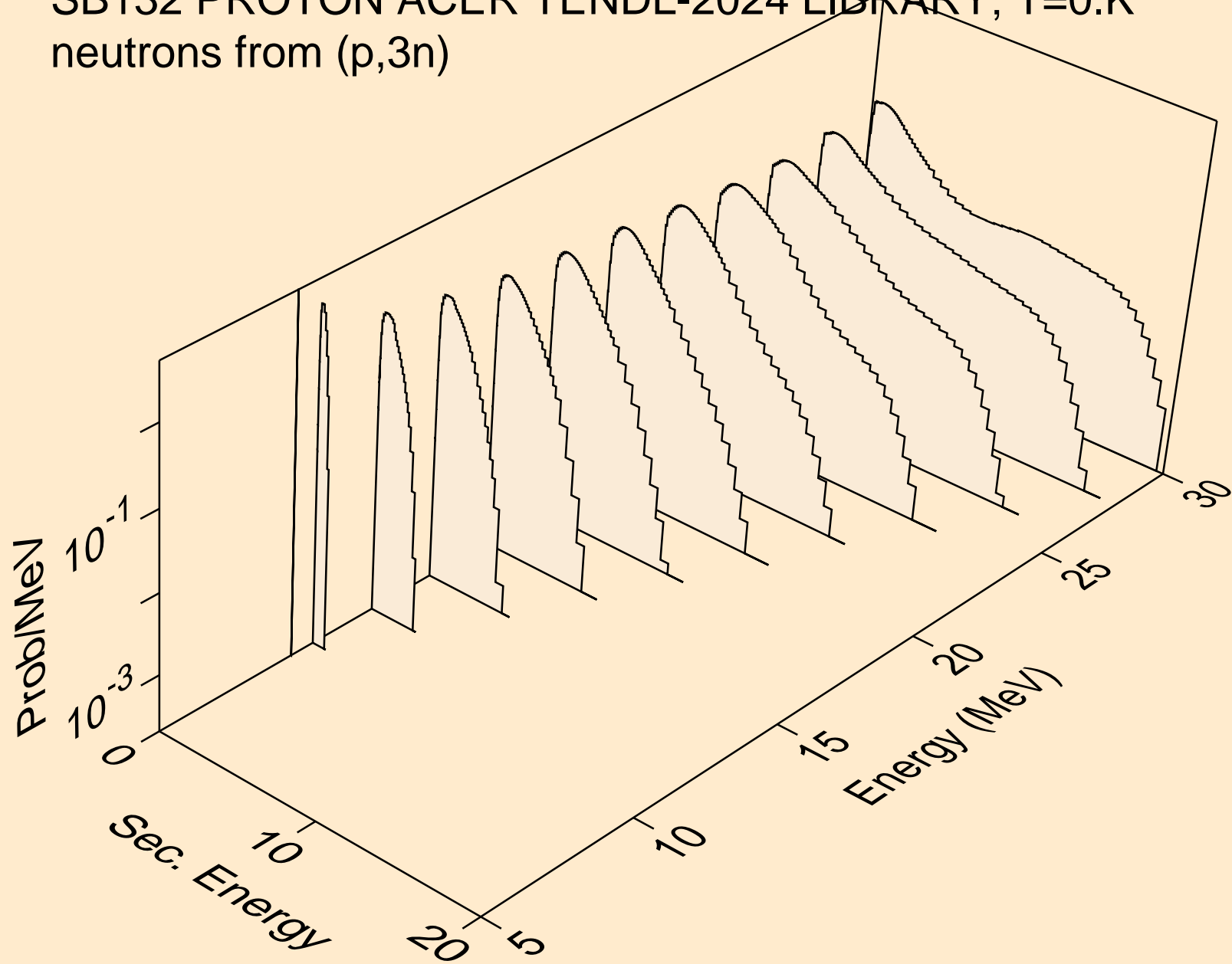
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



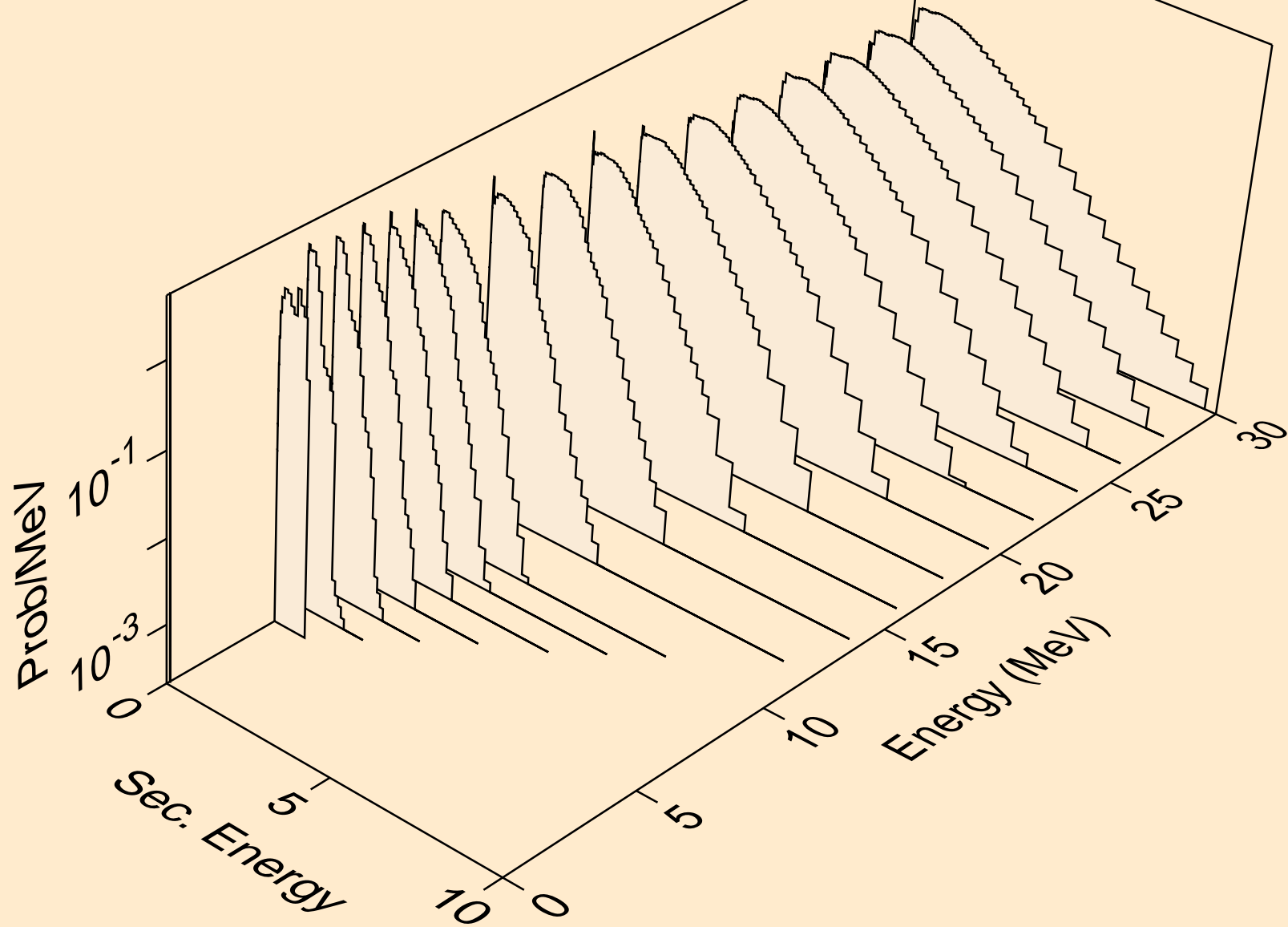
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



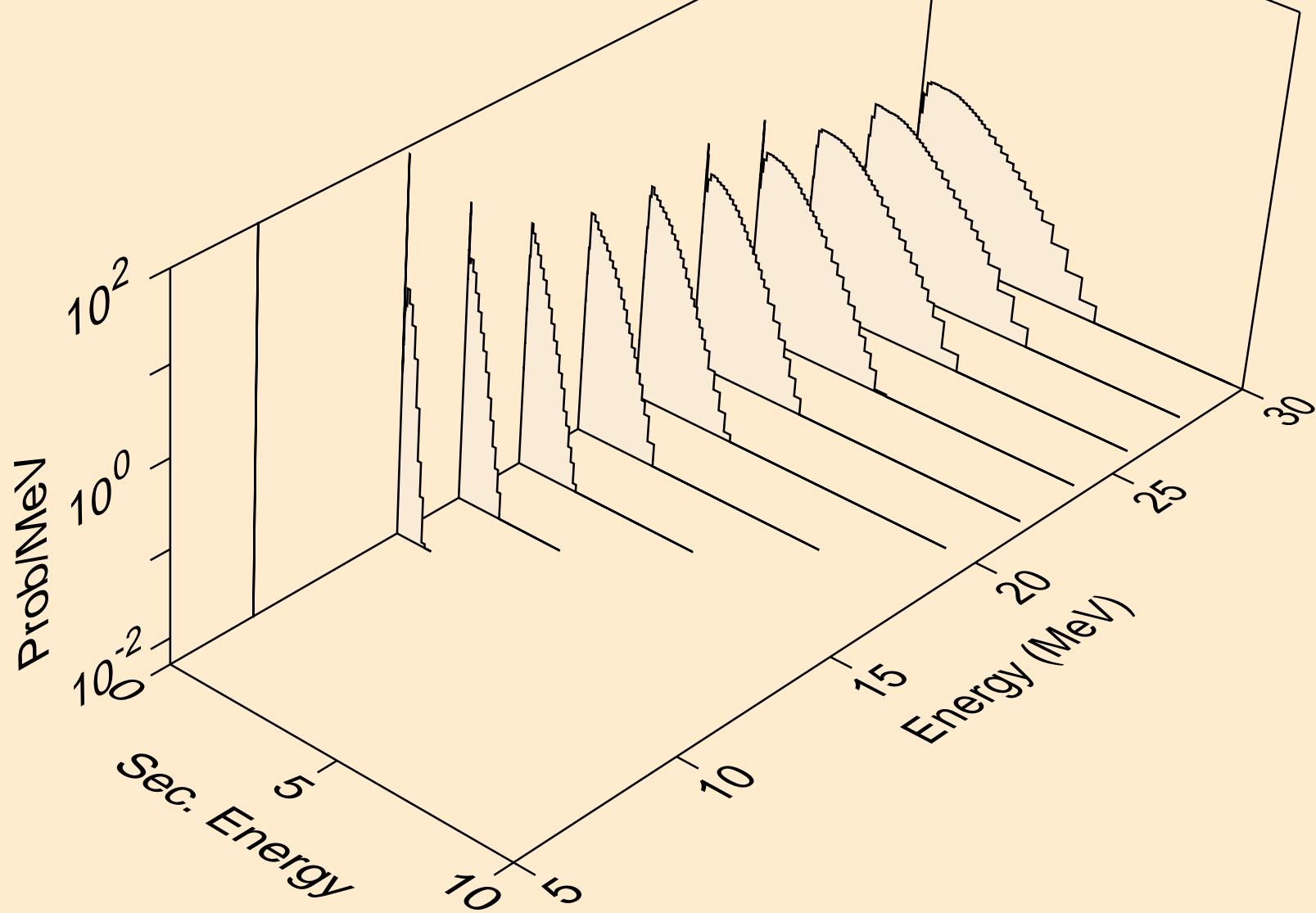
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



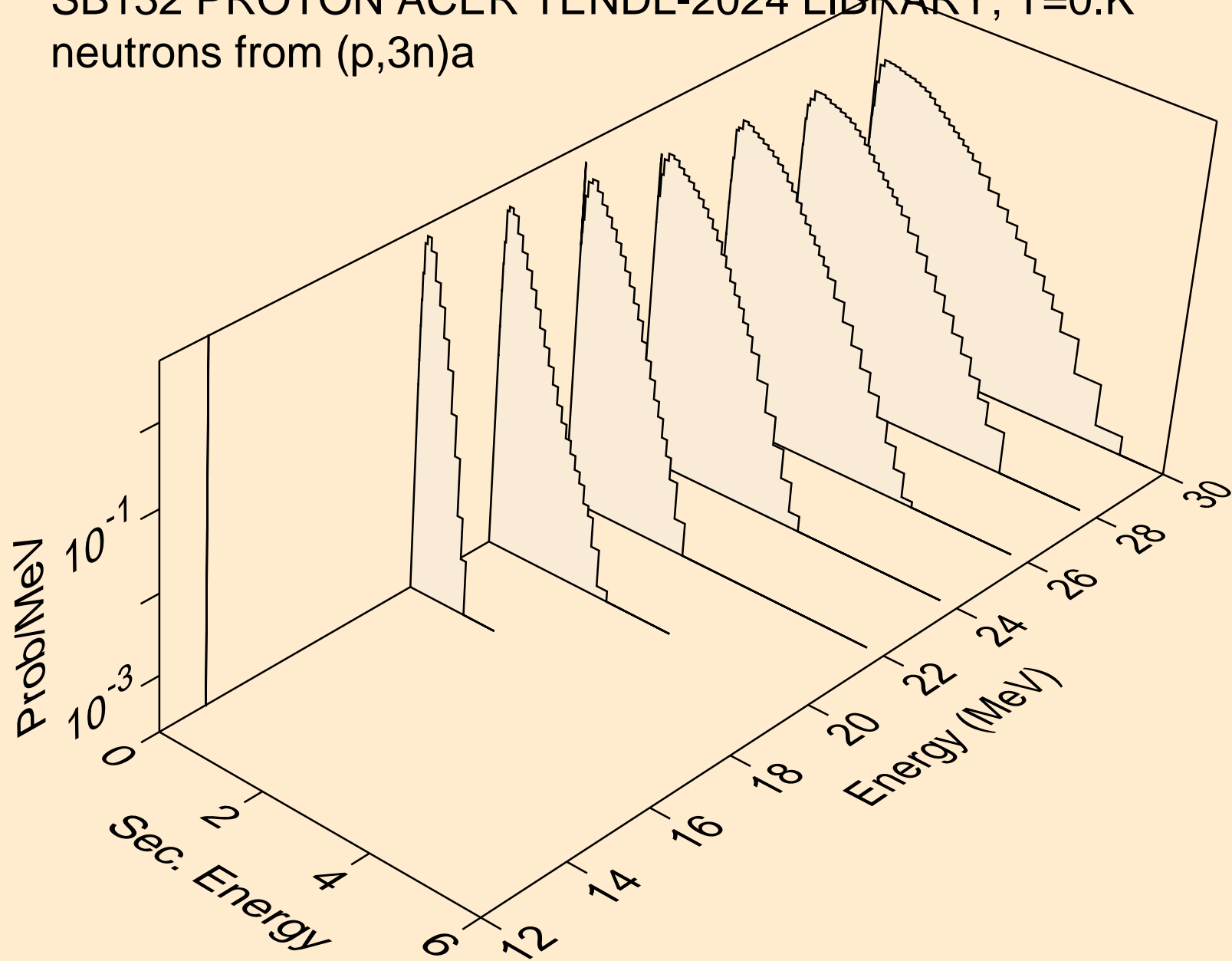
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



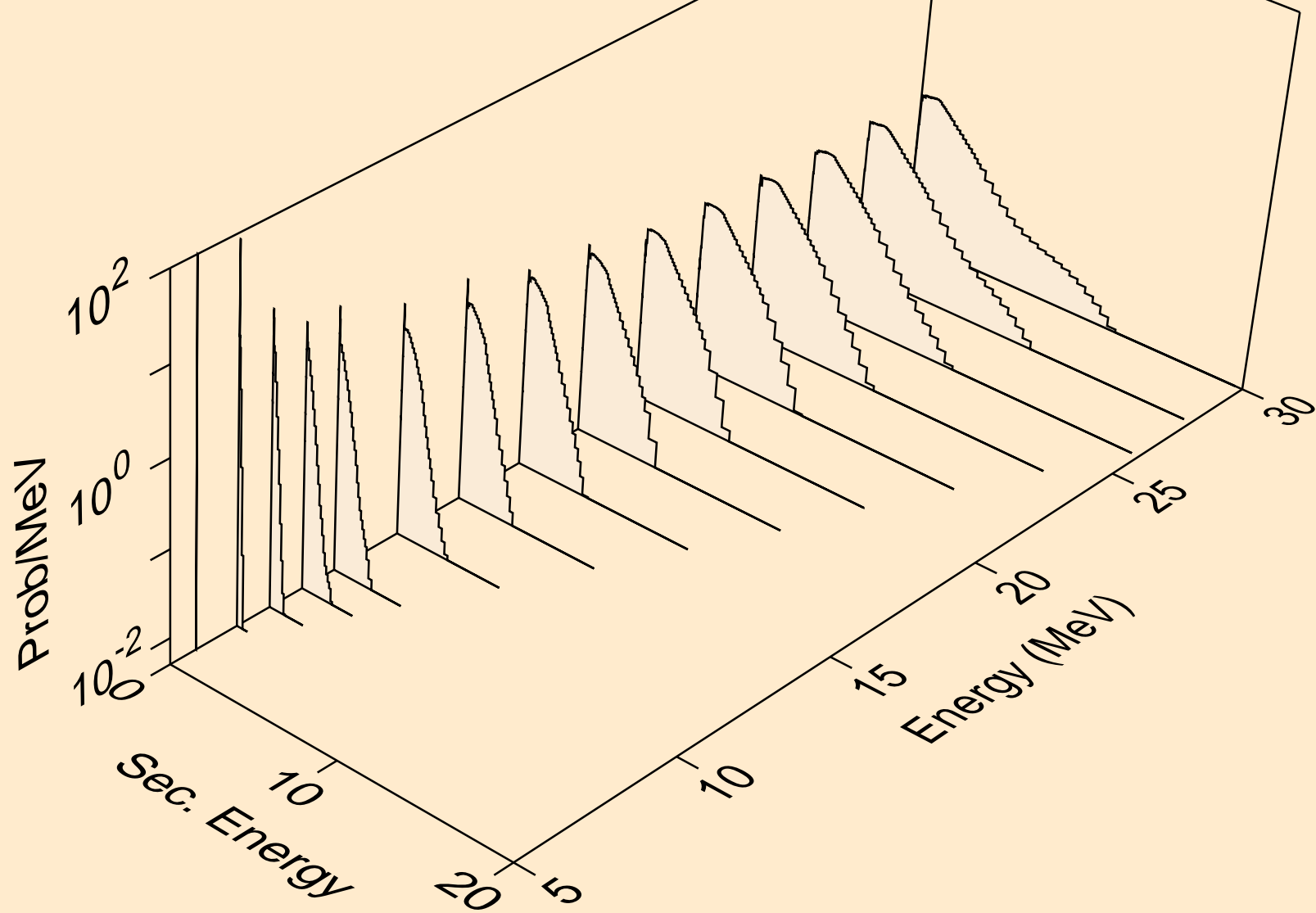
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neutrons from (p,2n)a



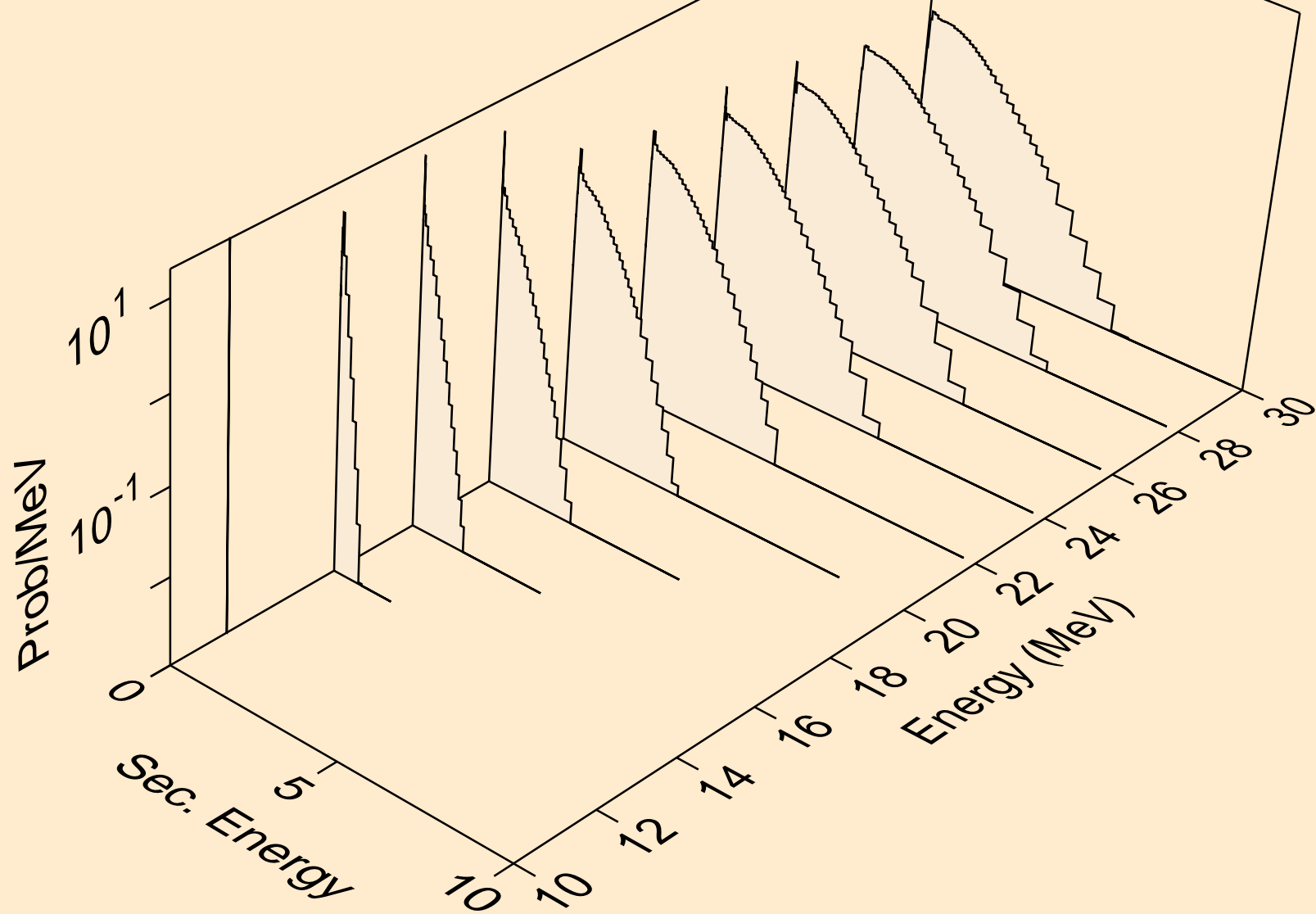
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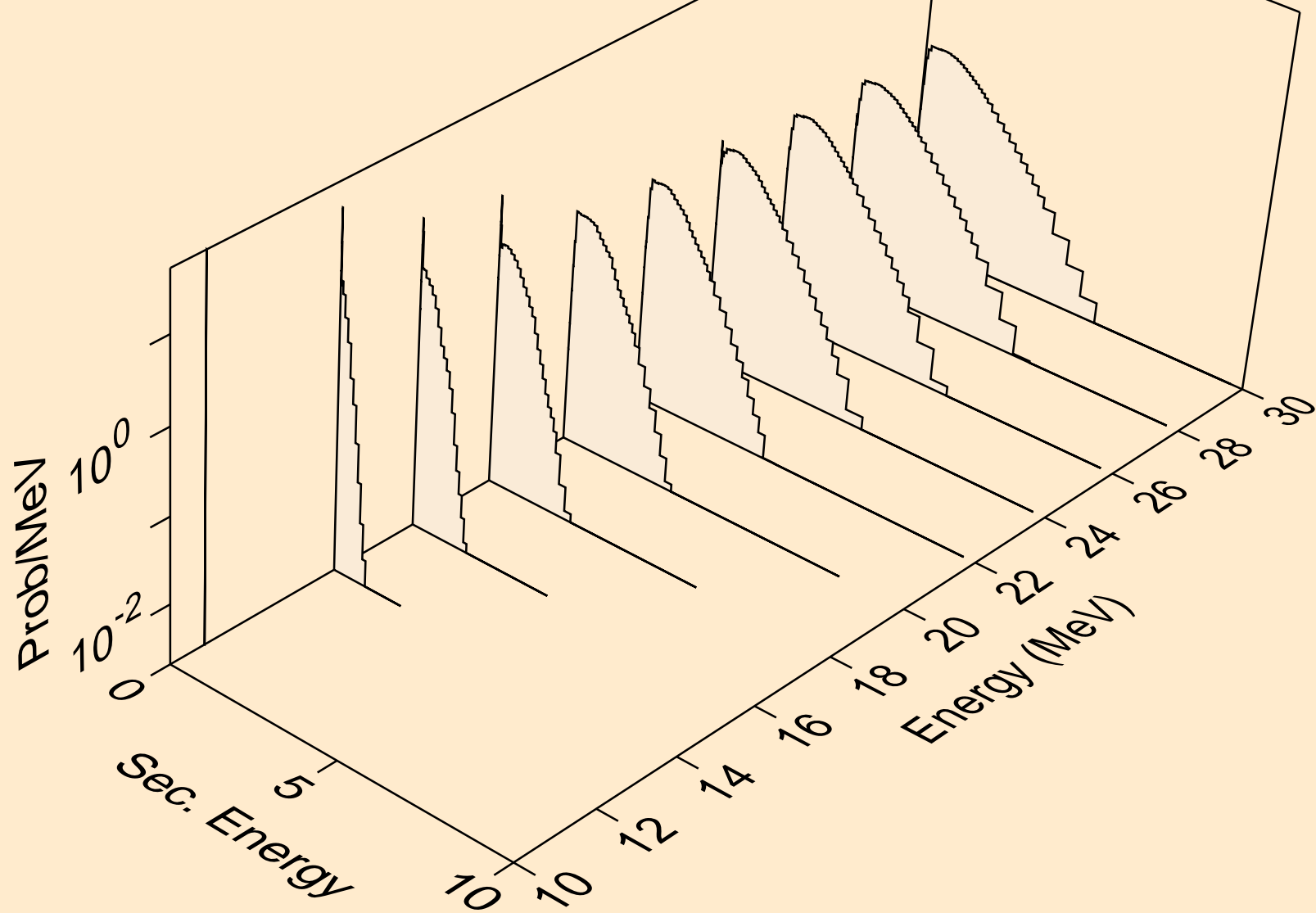
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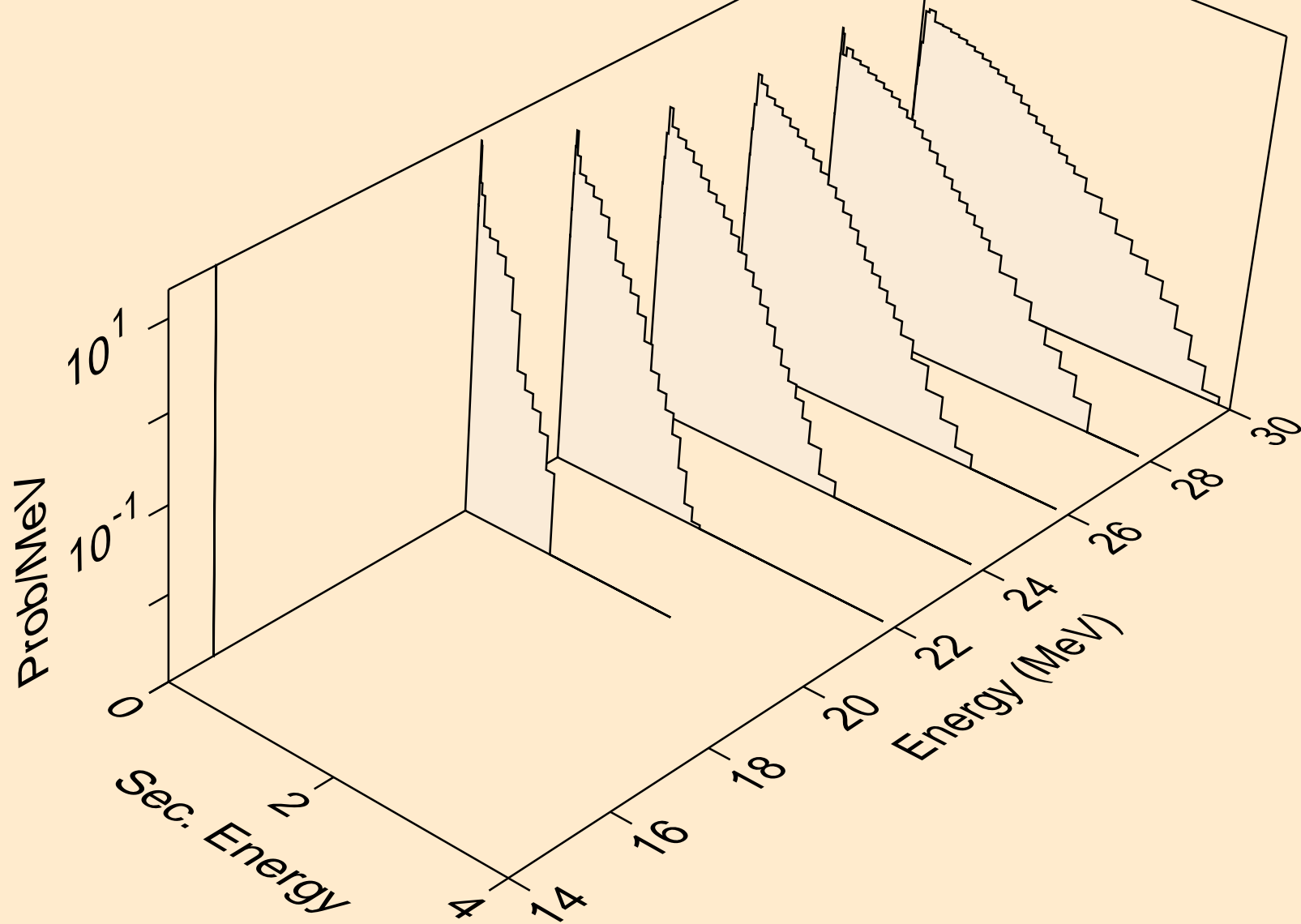
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neutrons from (p,n\*)d



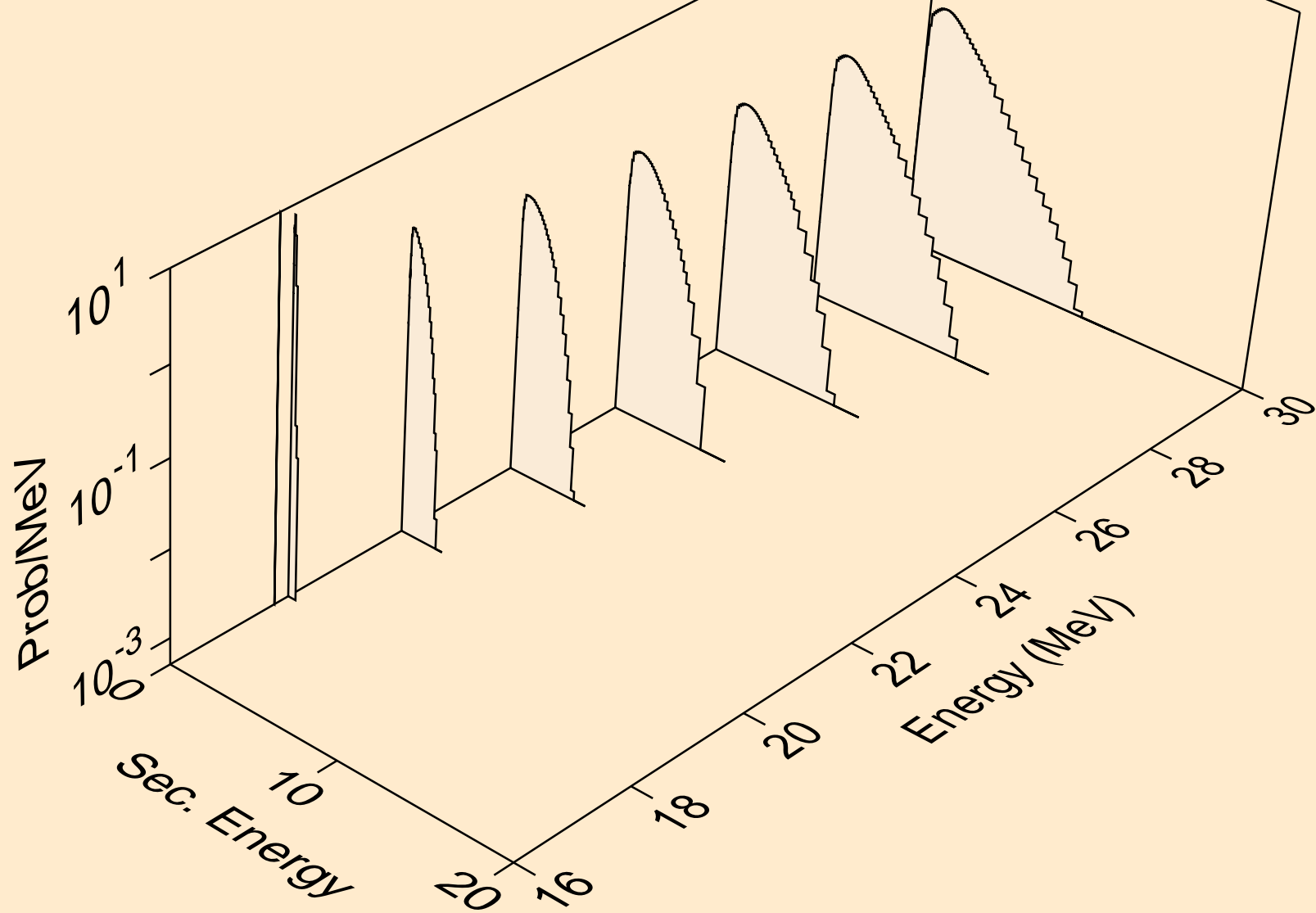
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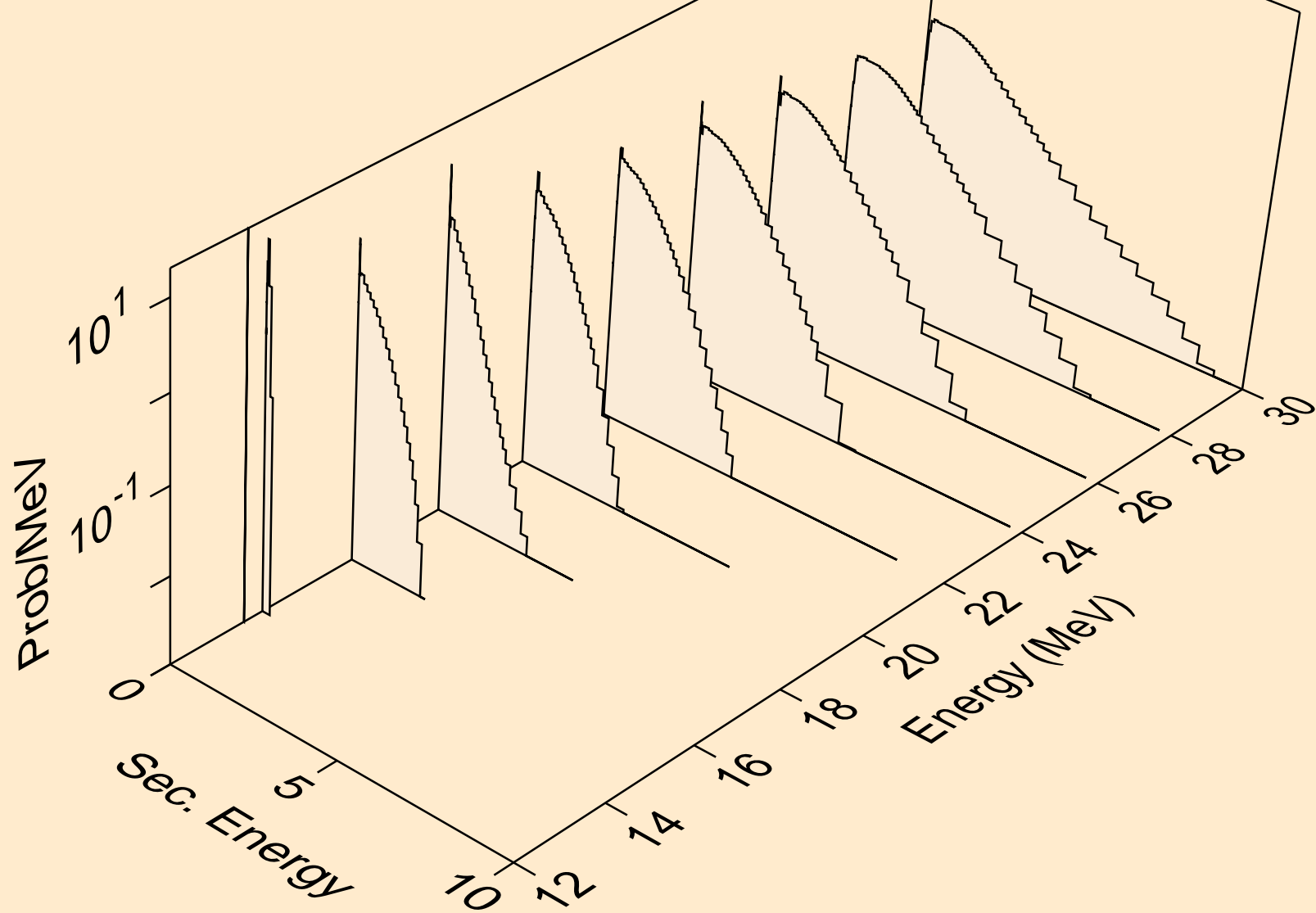
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



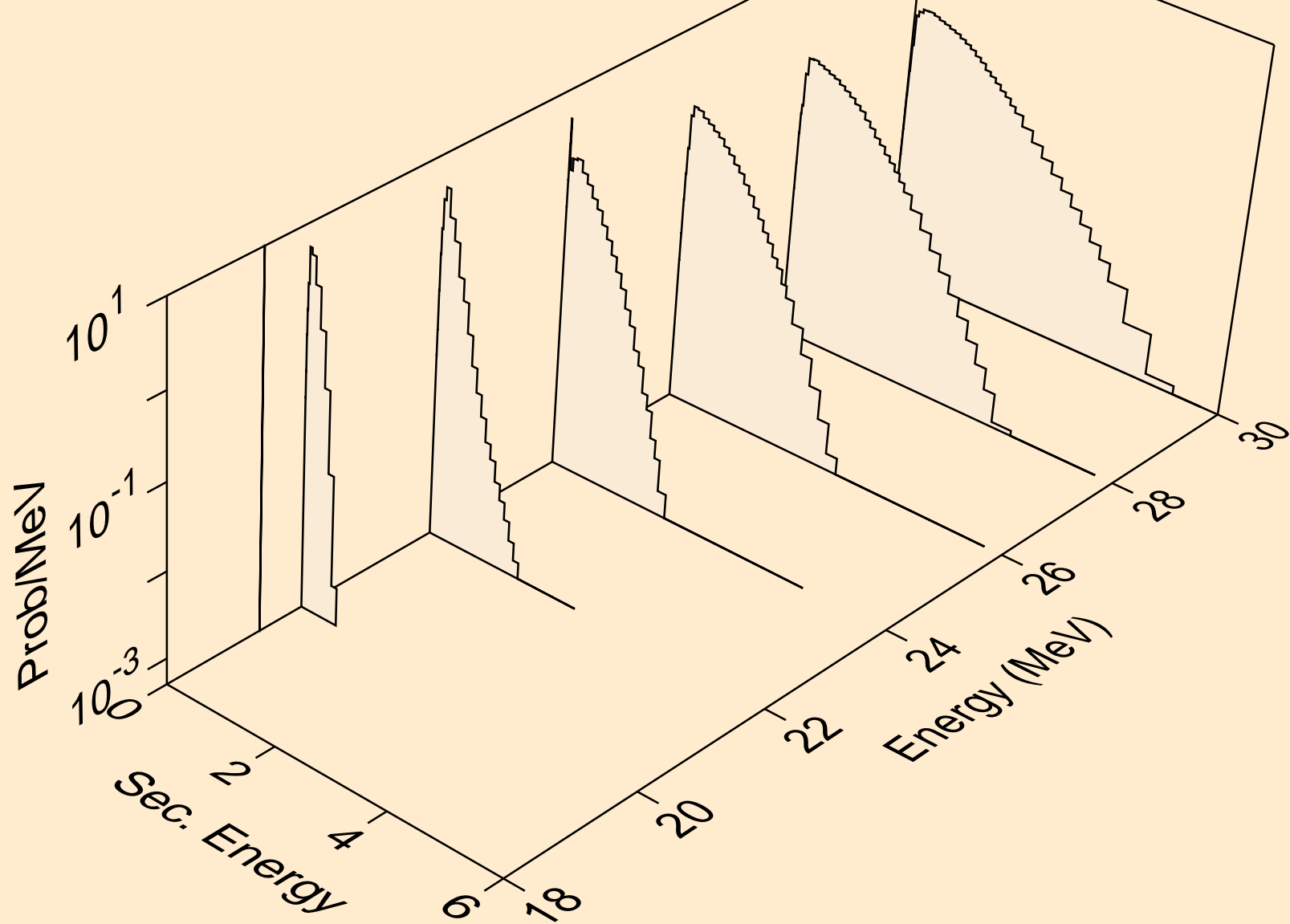
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



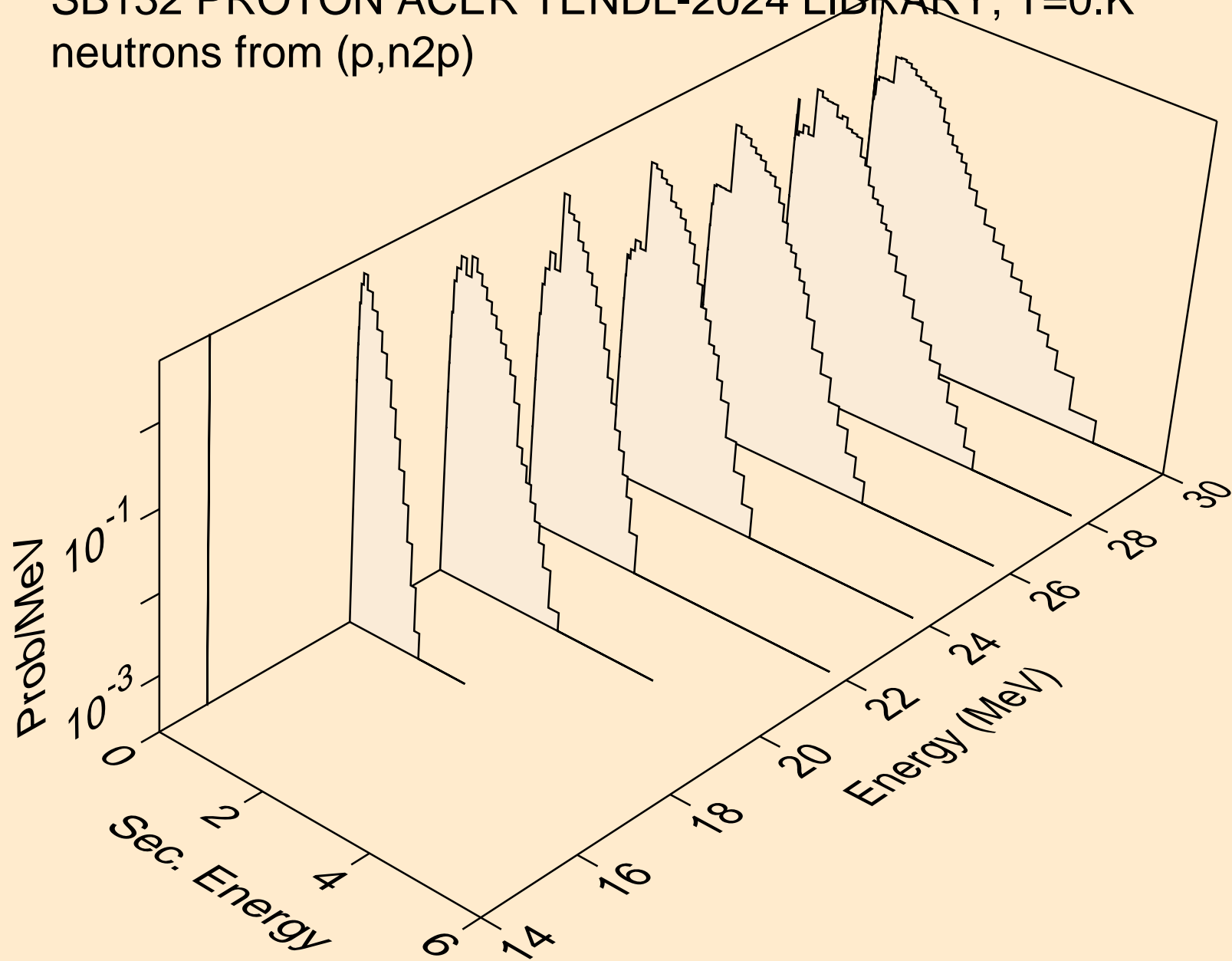
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neutrons from (p,2np)



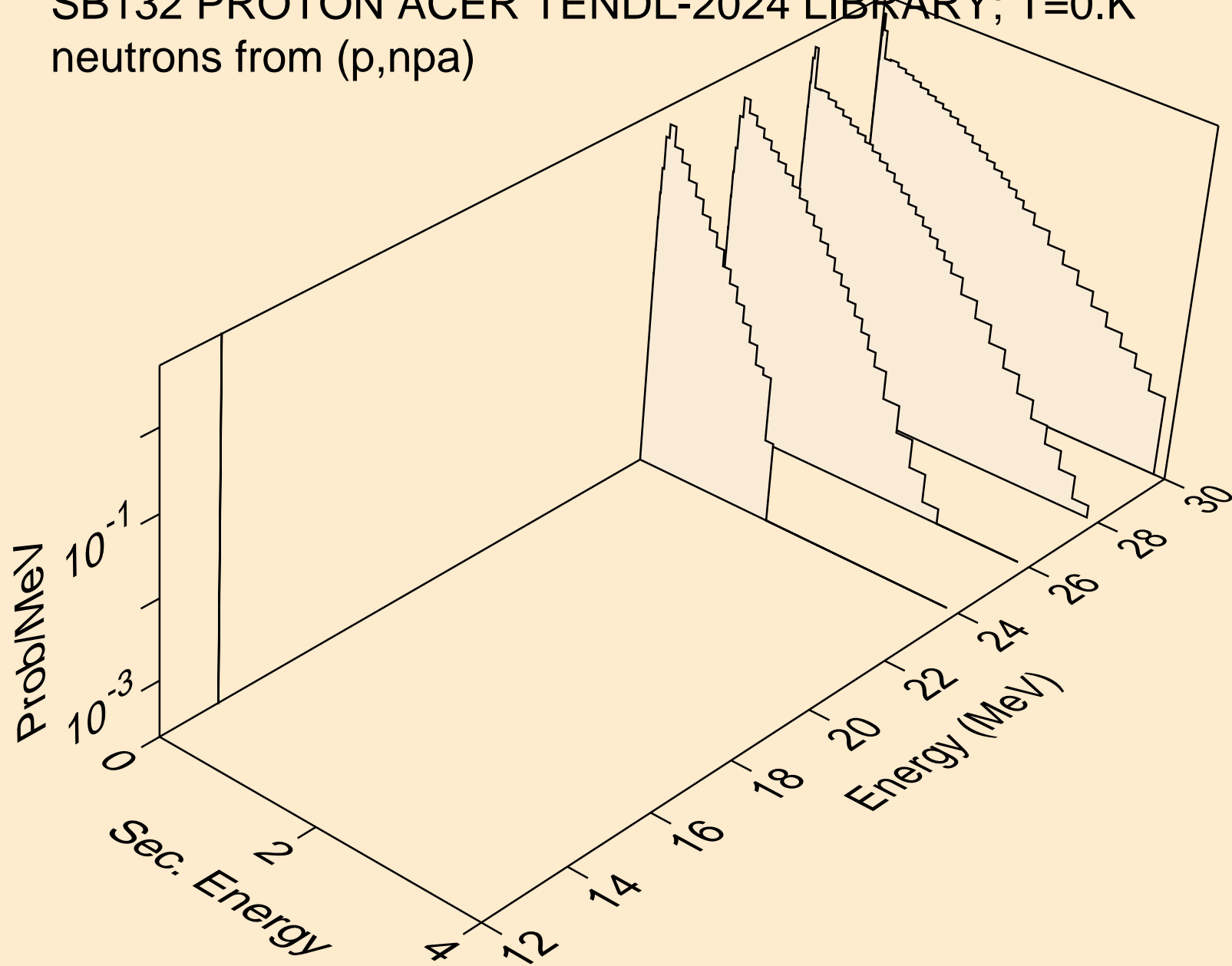
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neutrons from (p,3np)



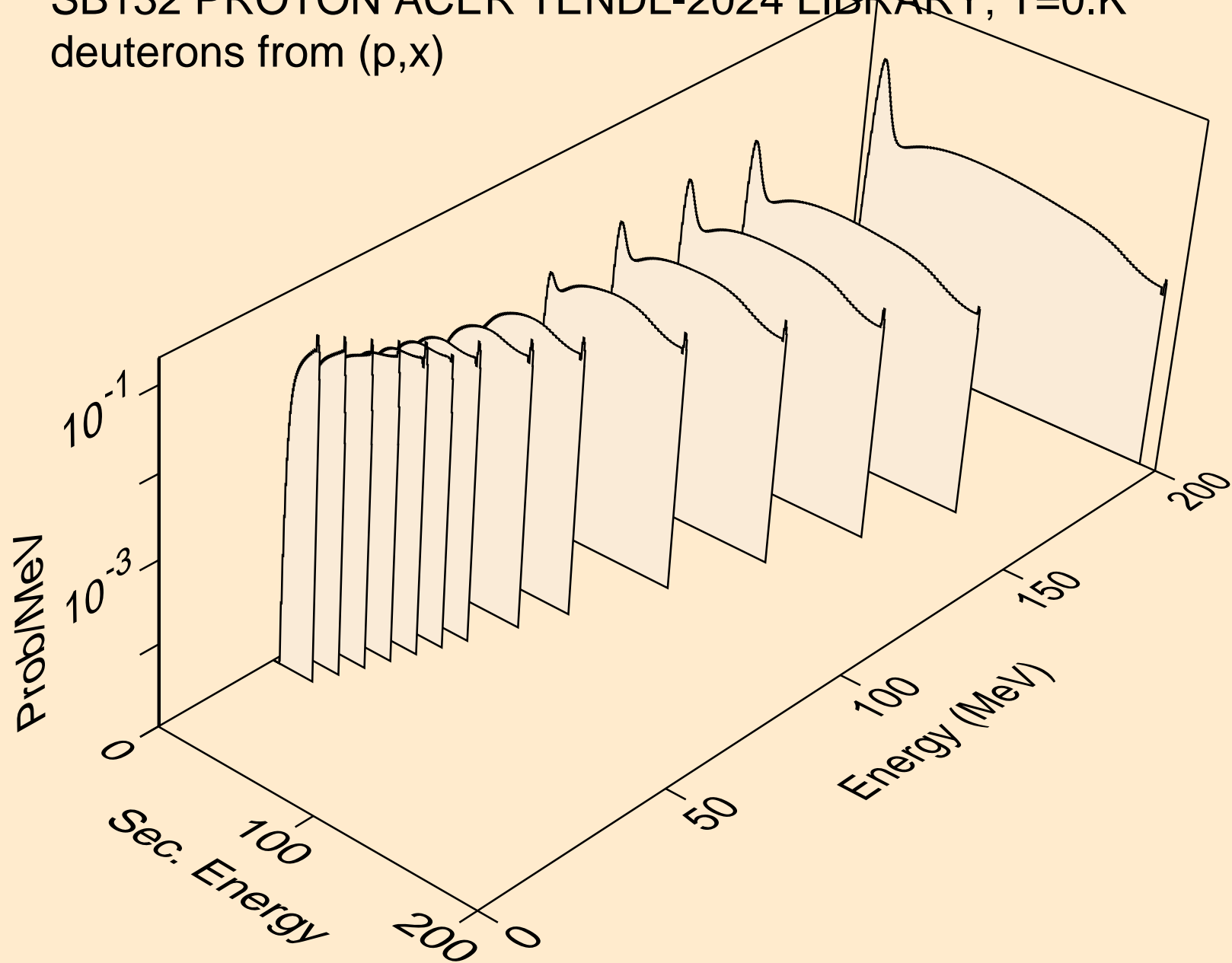
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neutrons from (p,n2p)



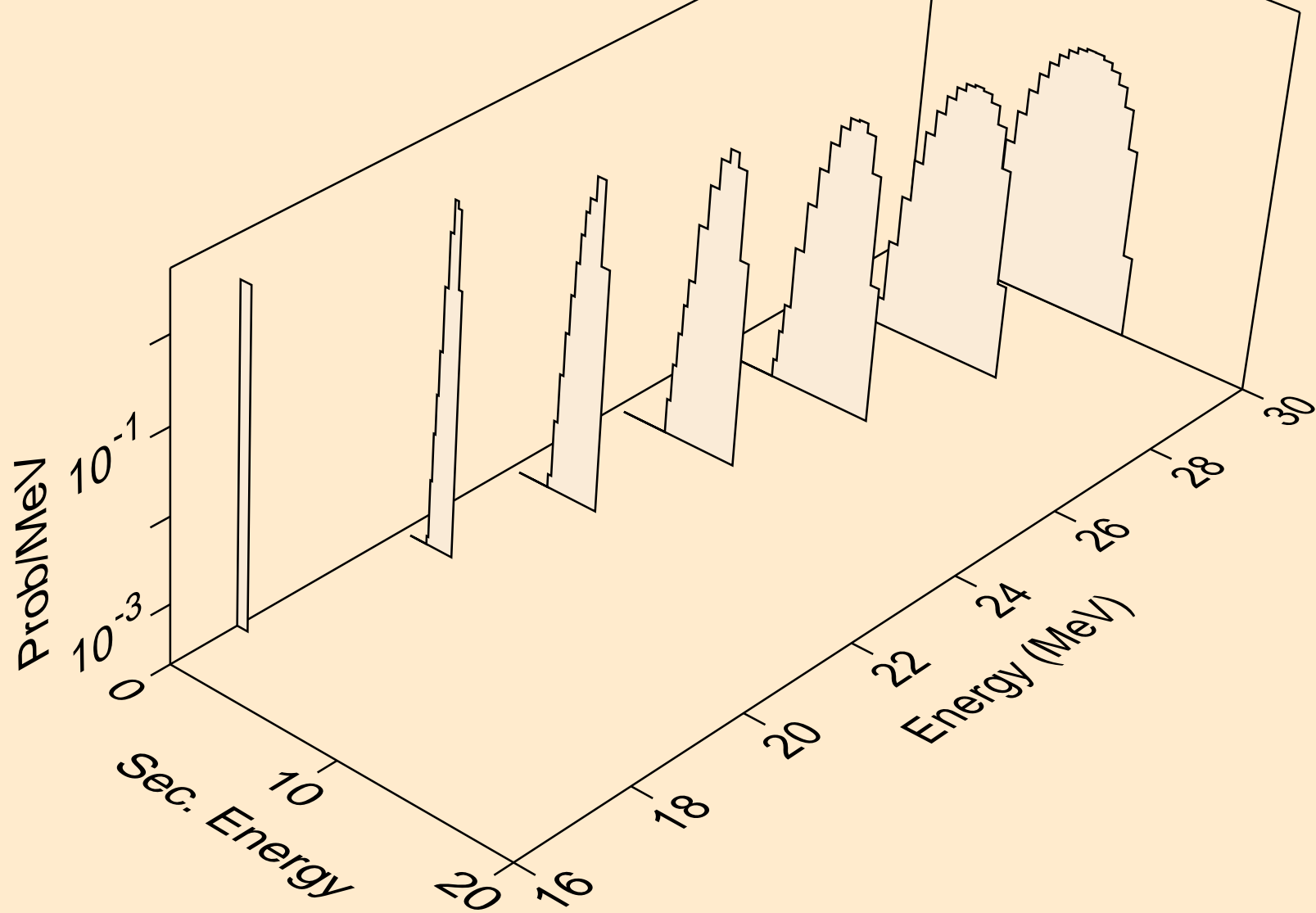
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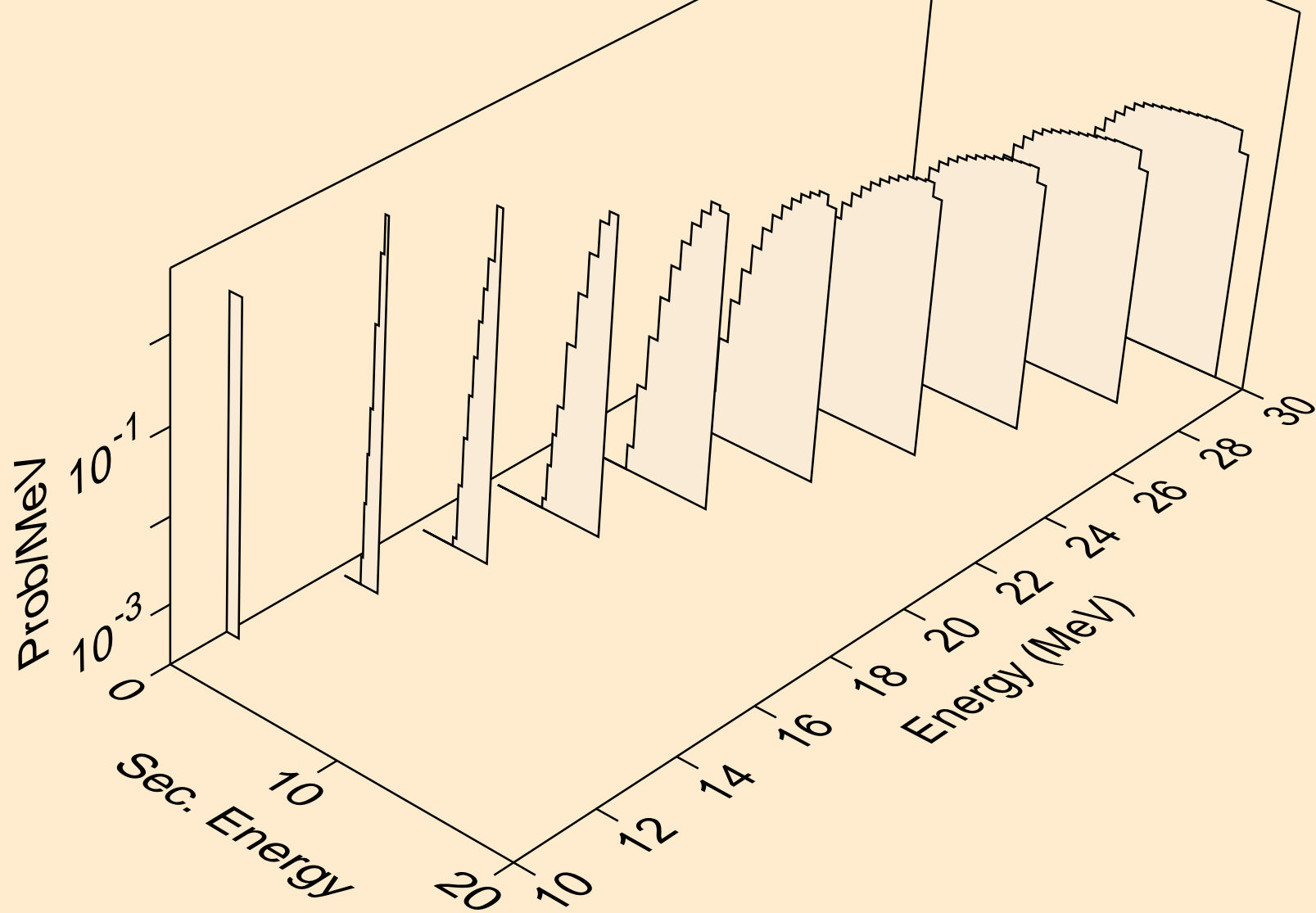
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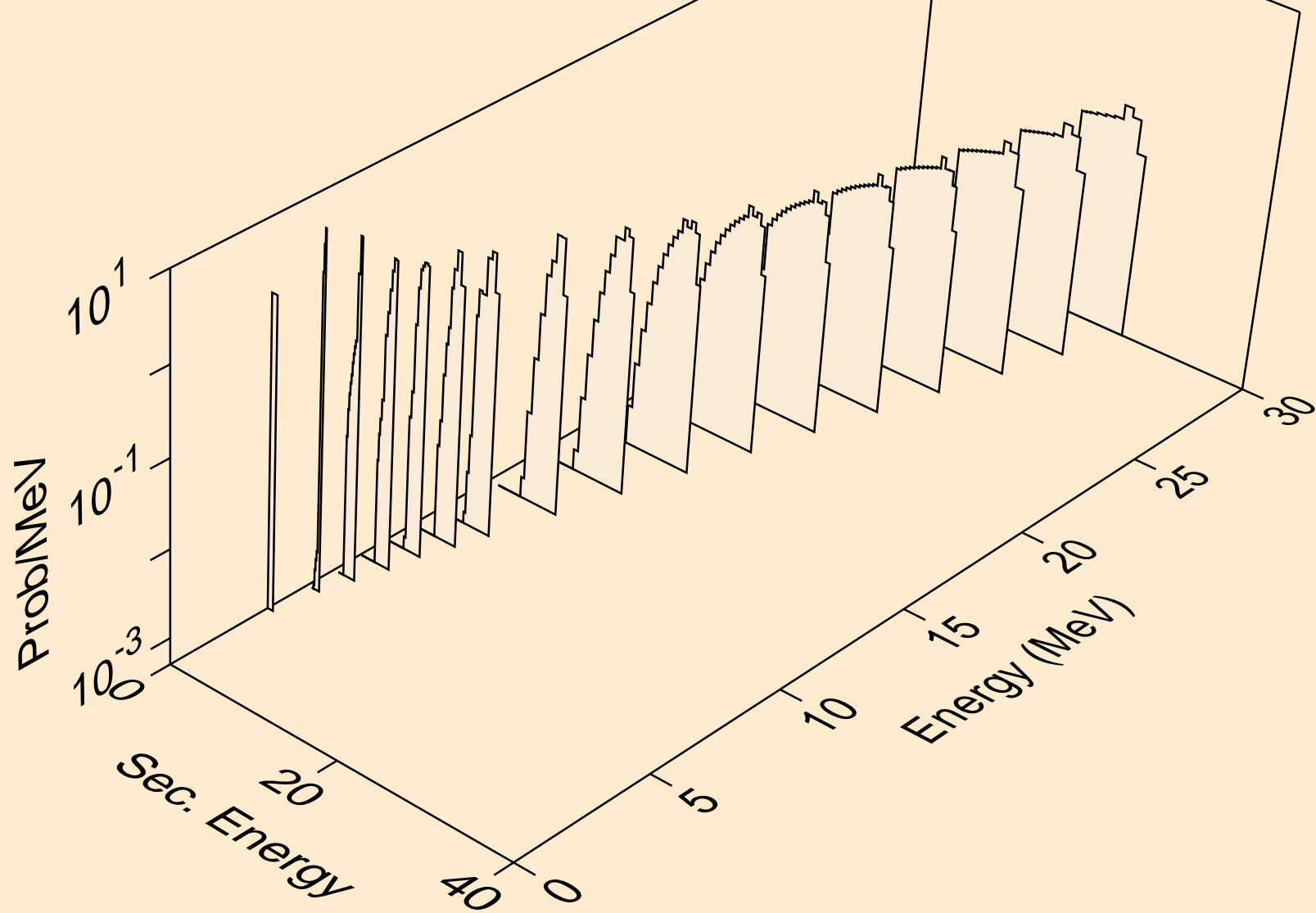
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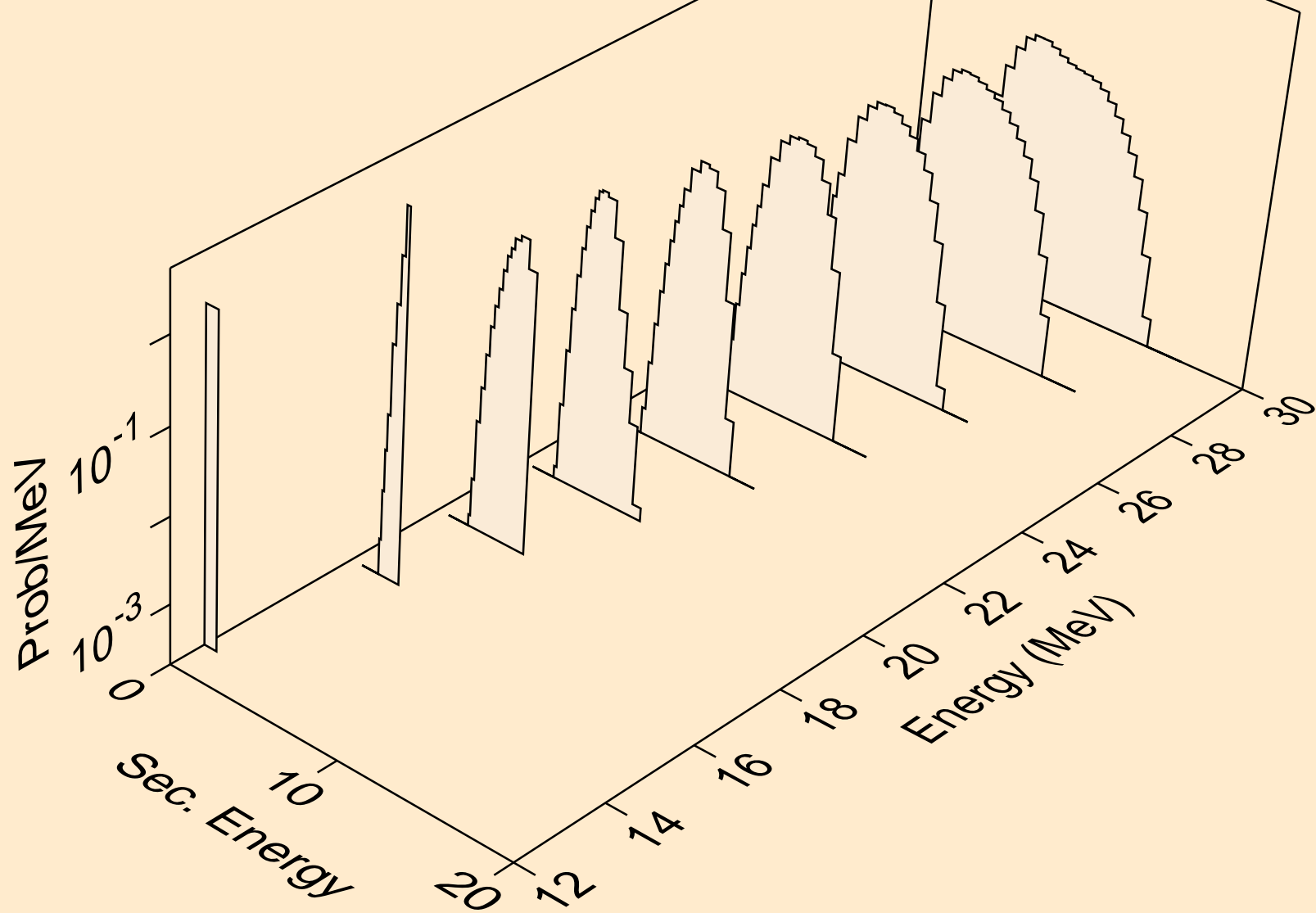
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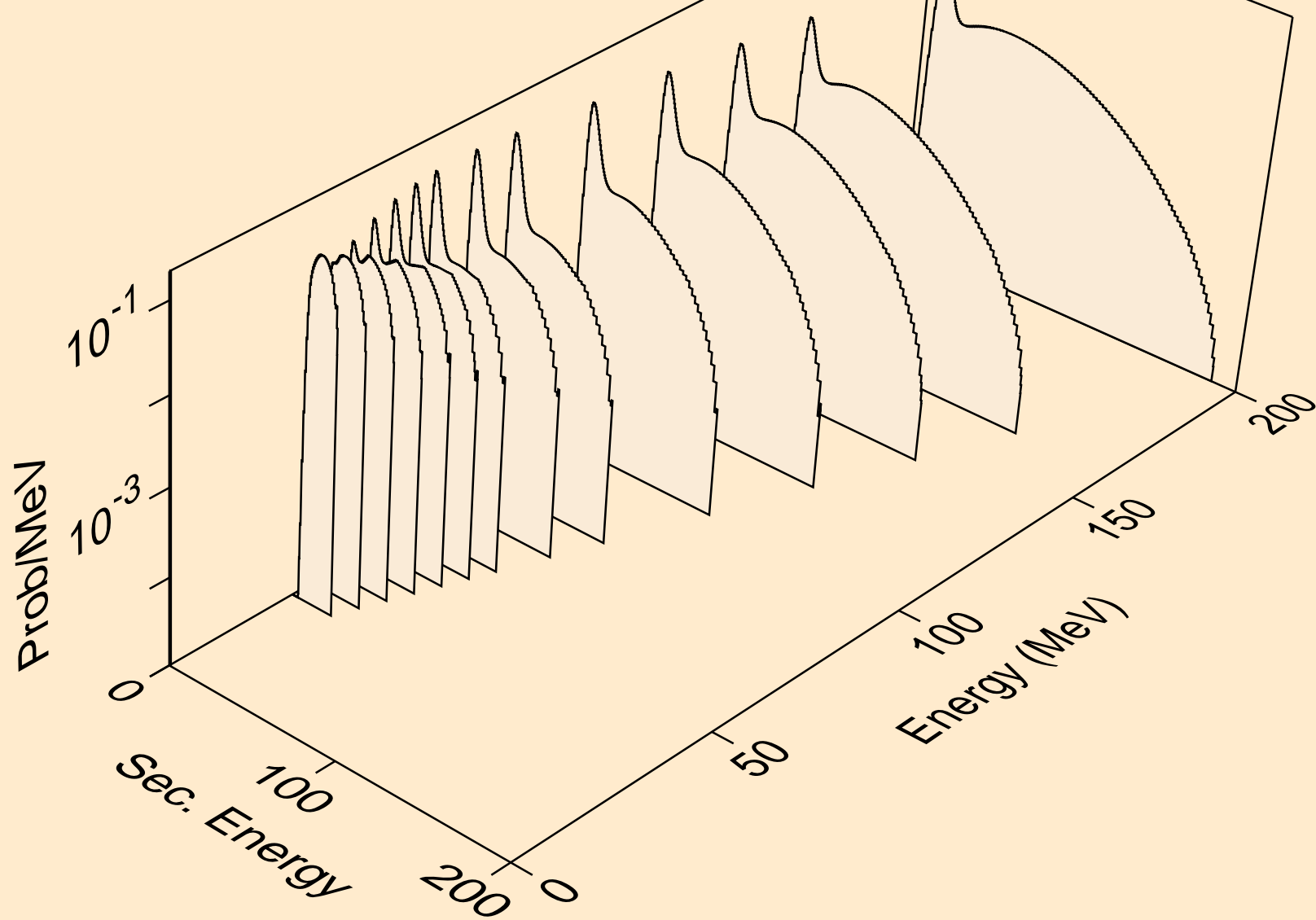
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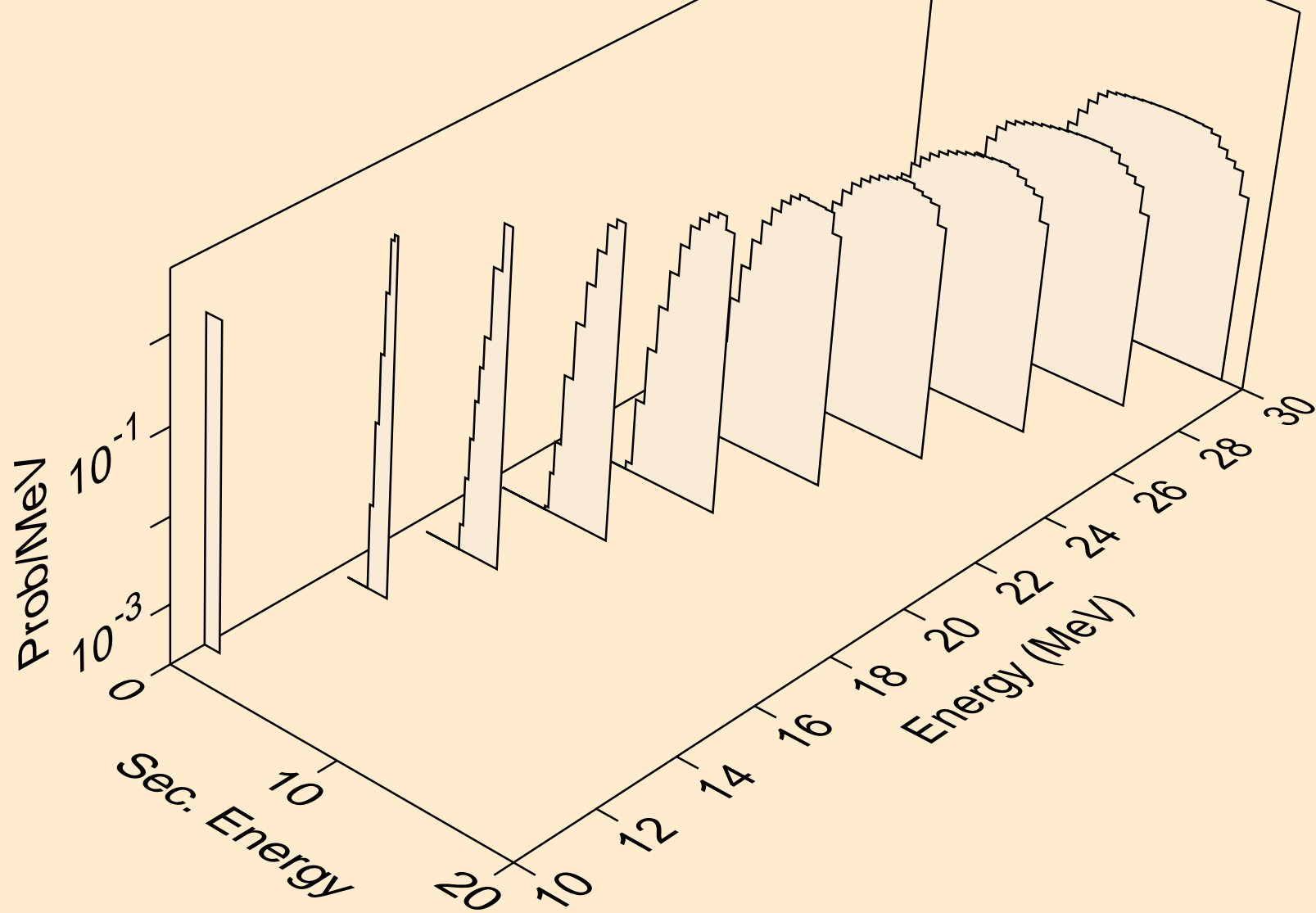
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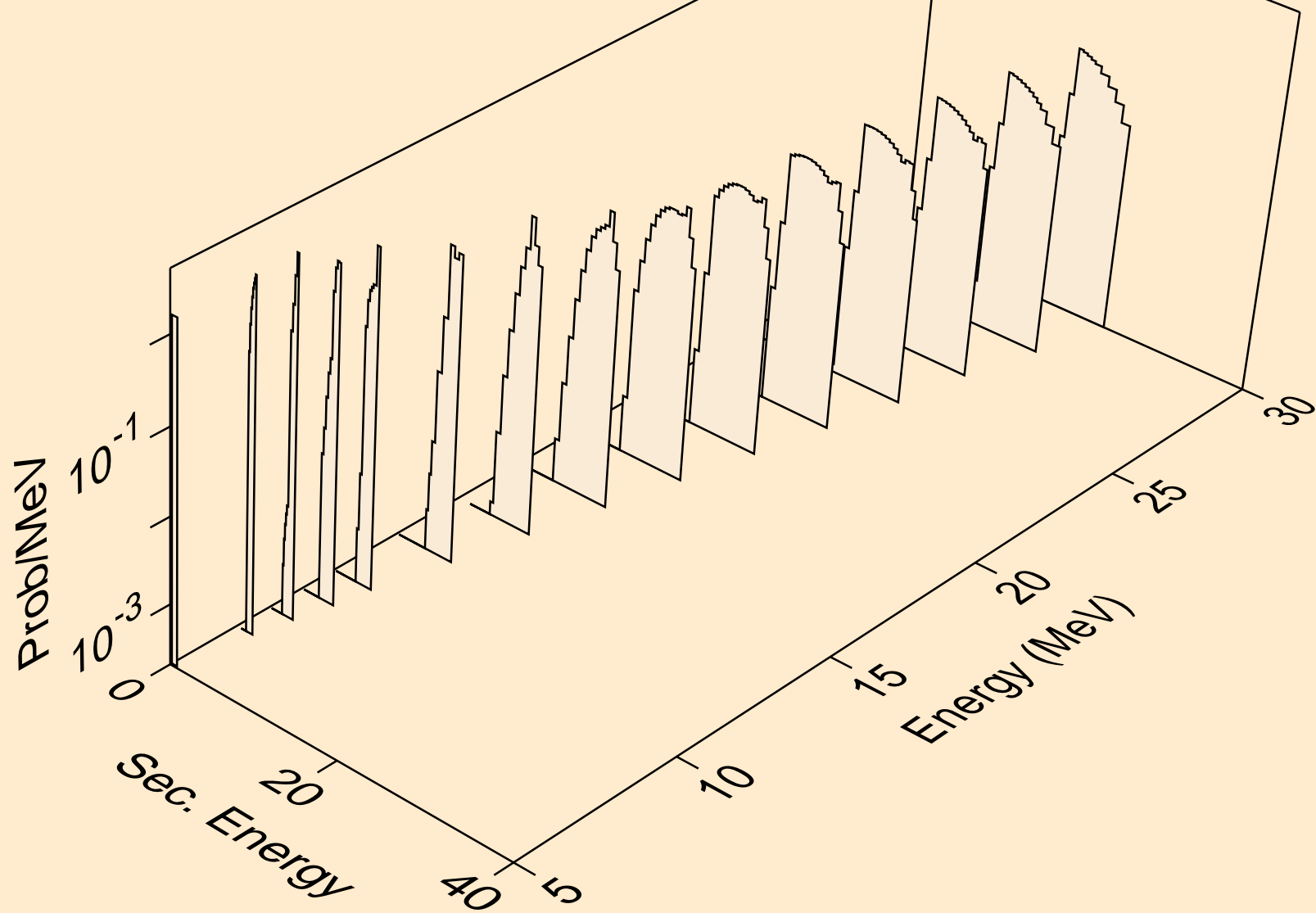
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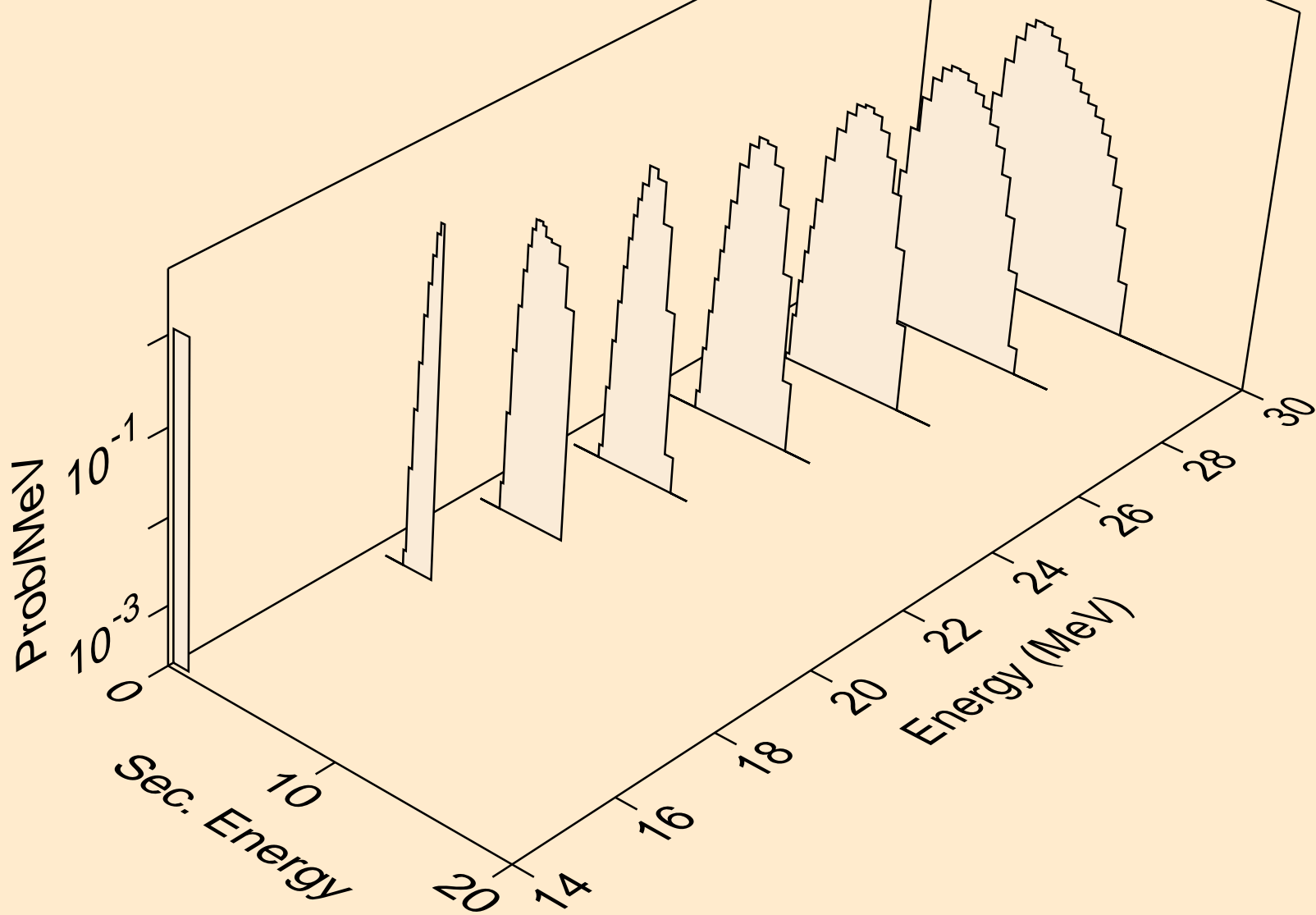
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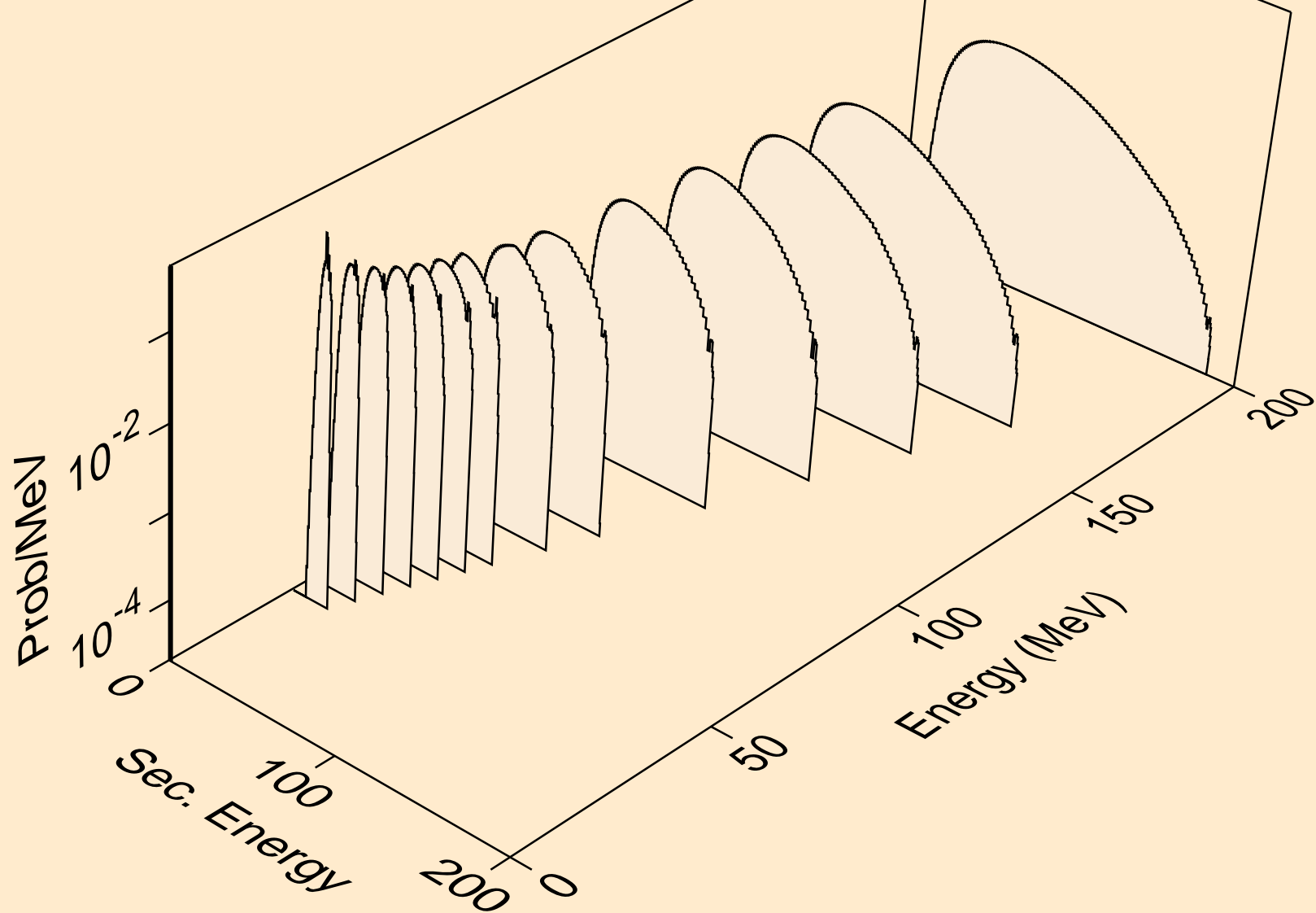
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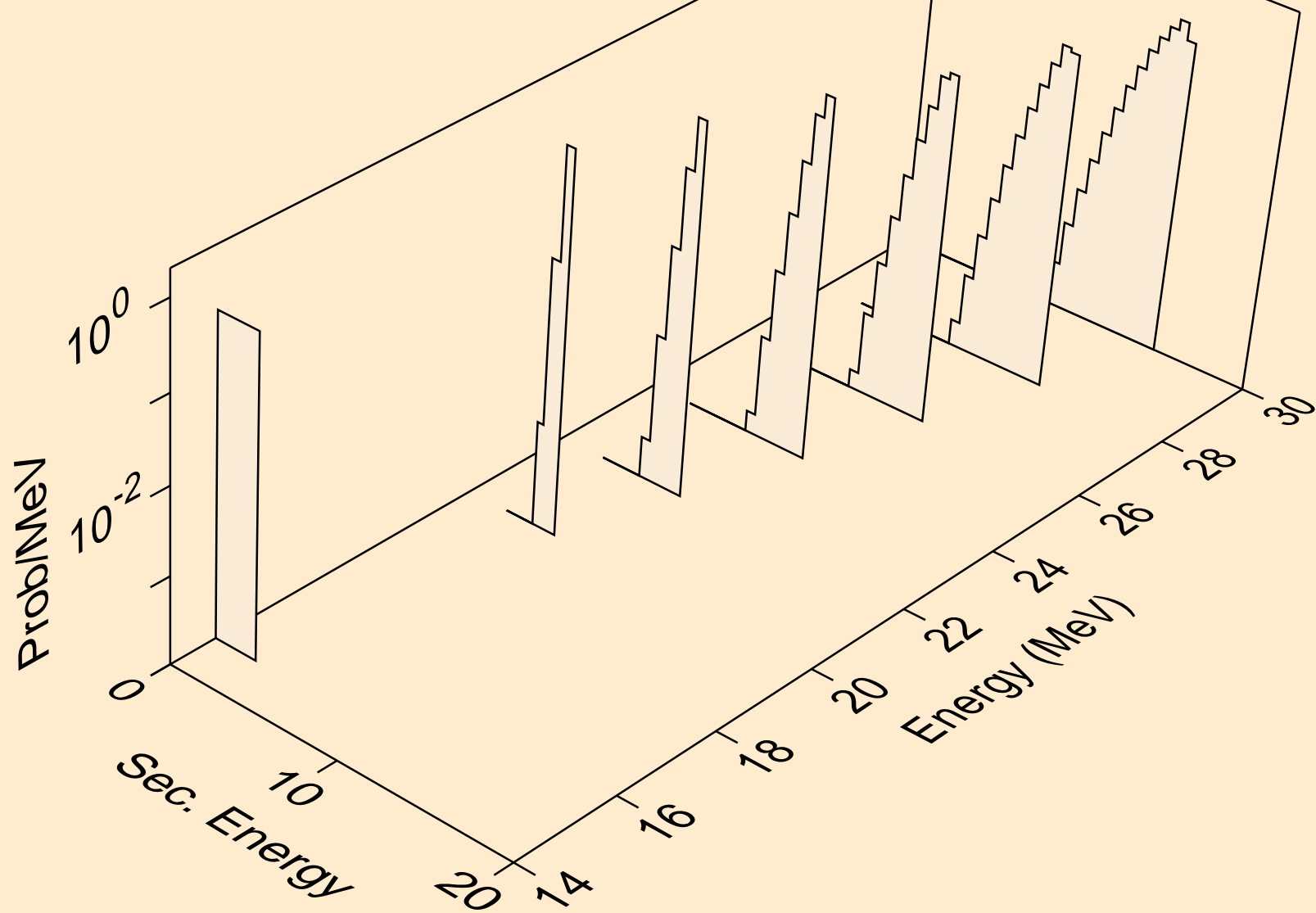
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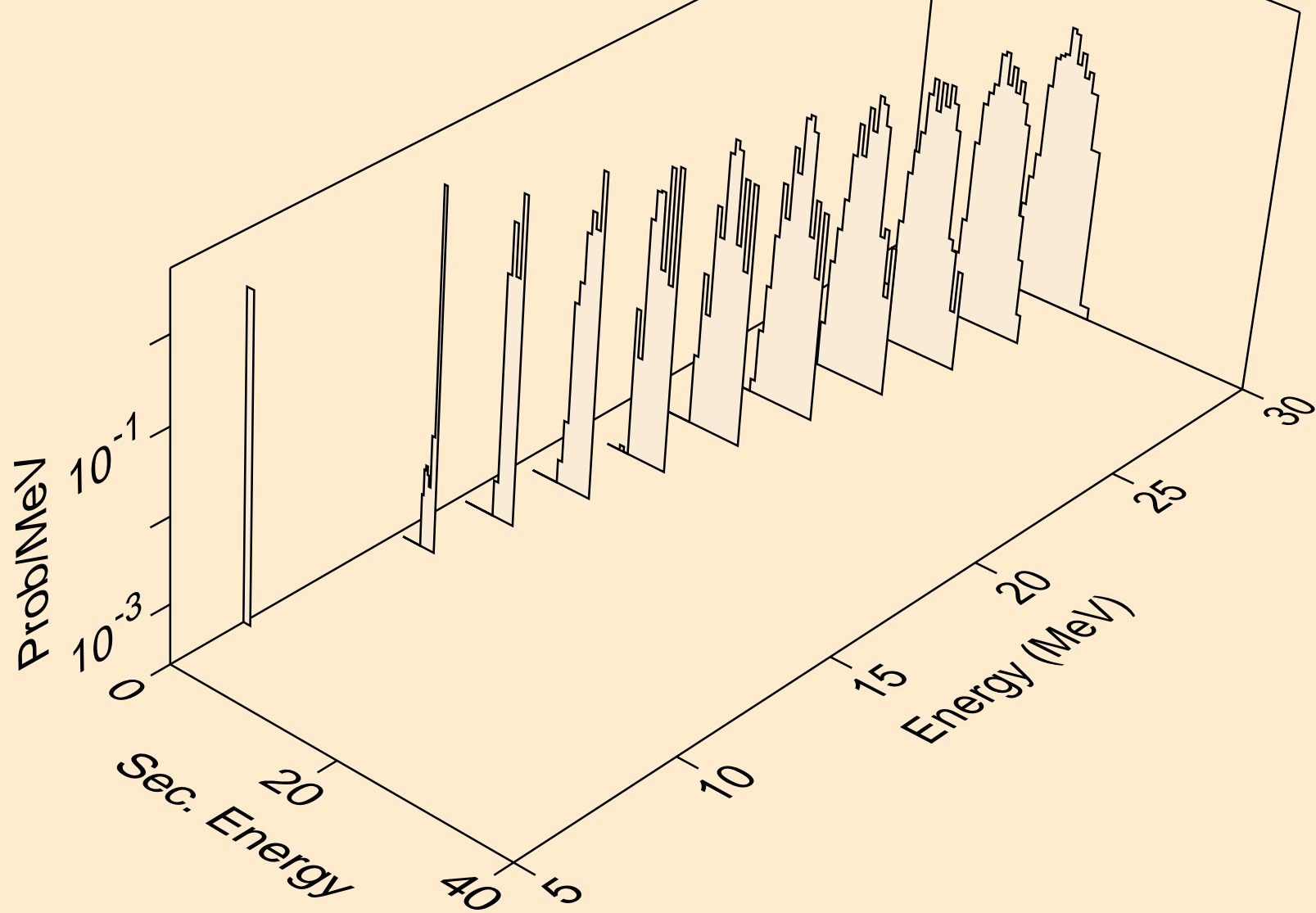
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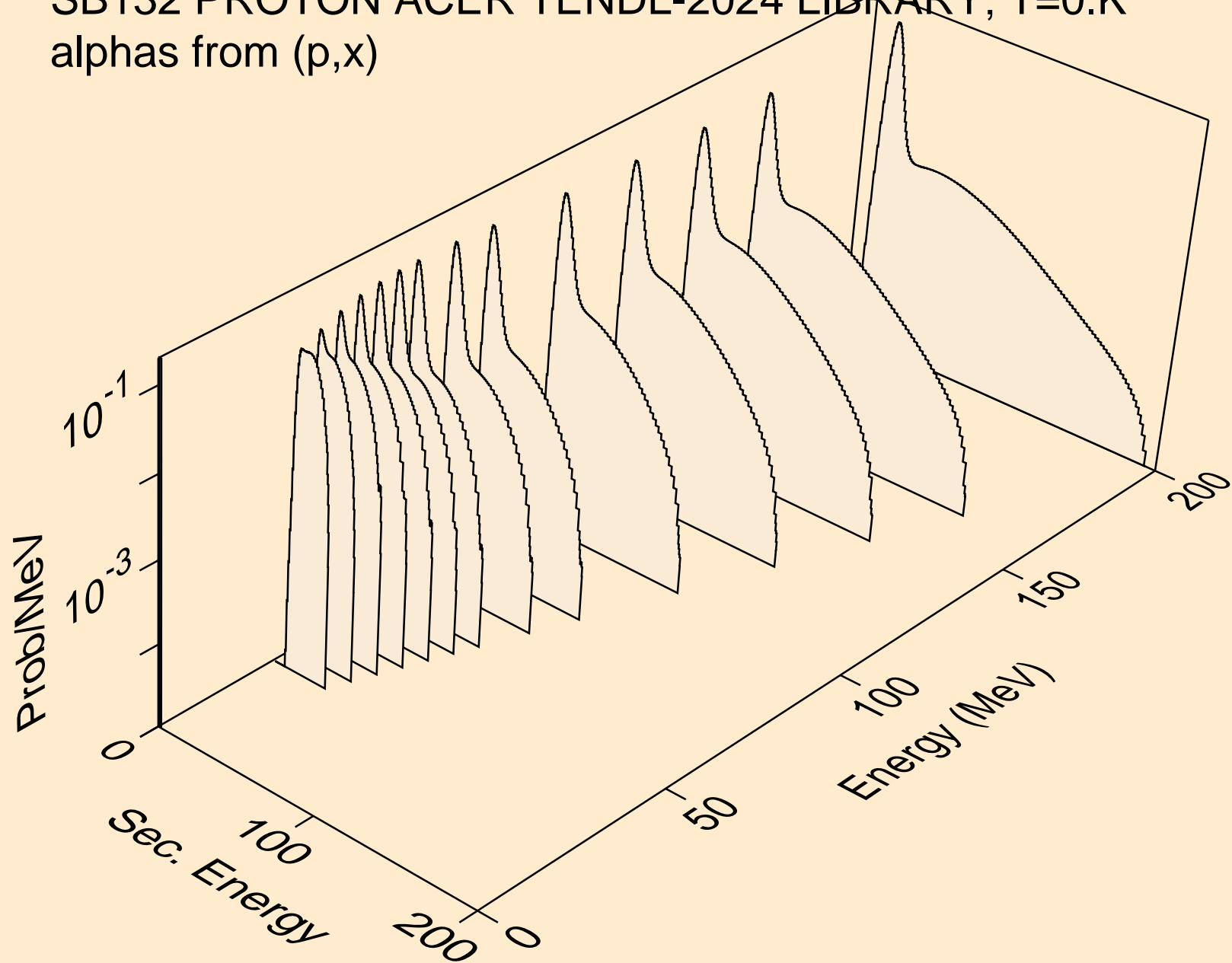
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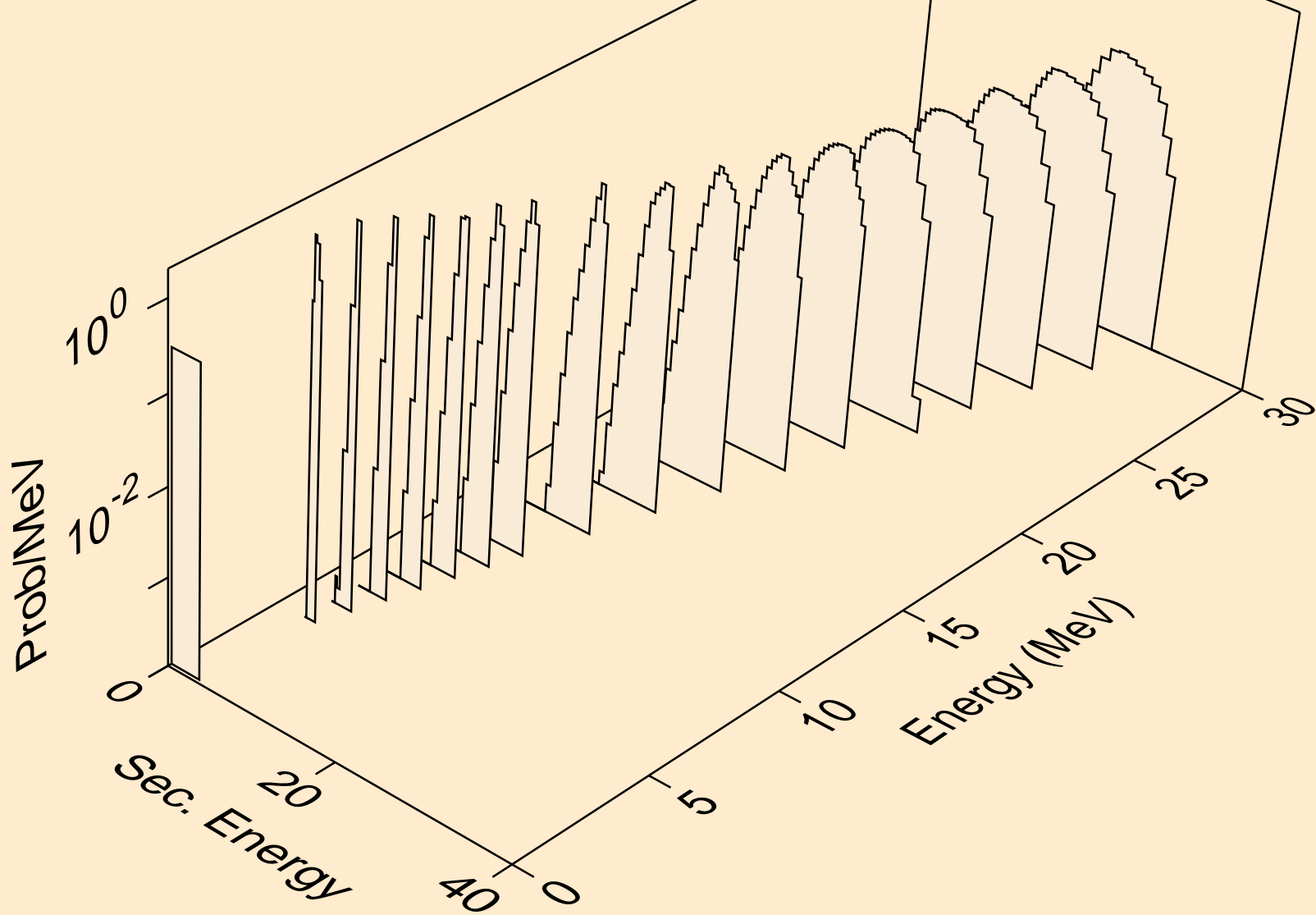
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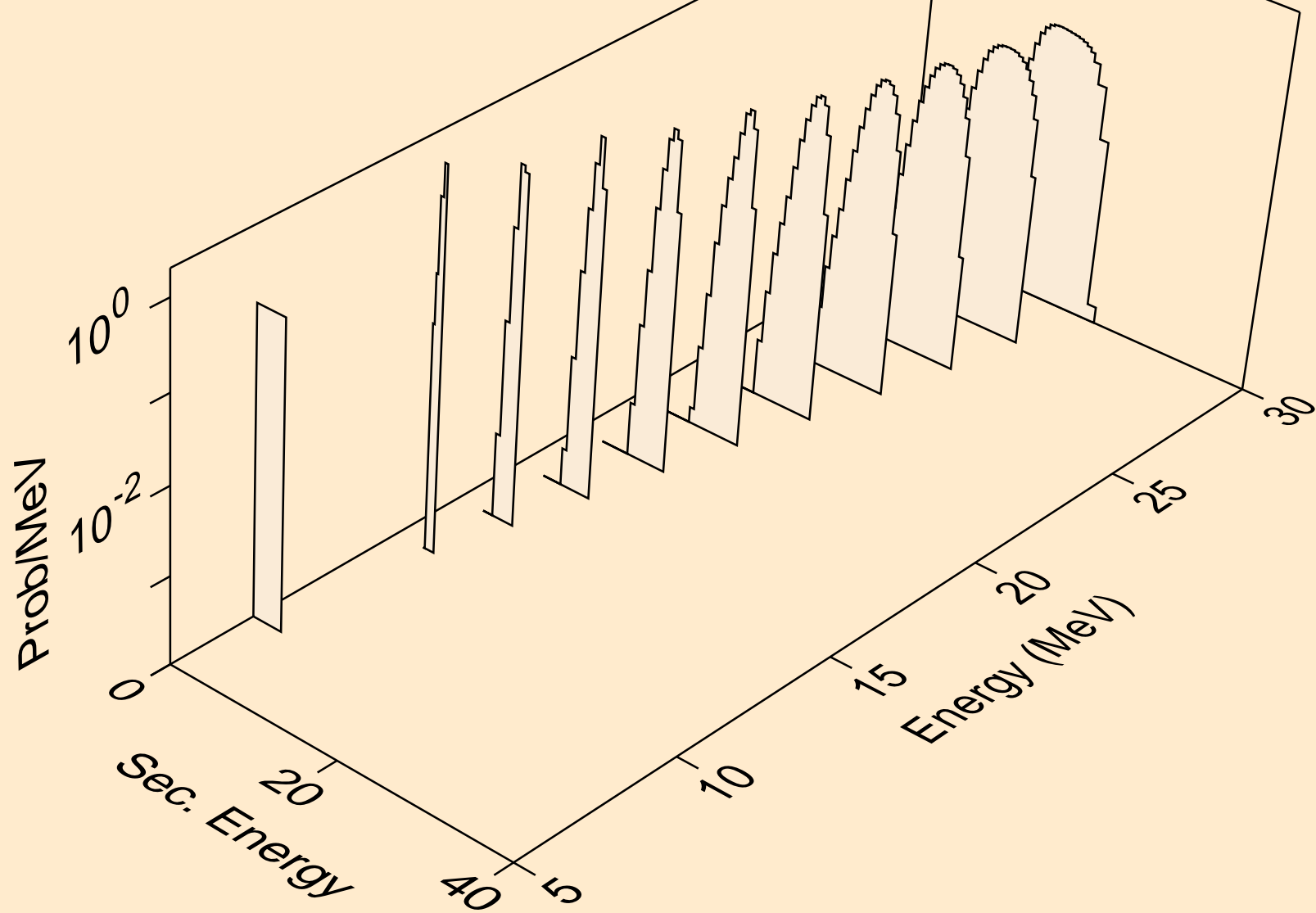
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alphas from (p,x)



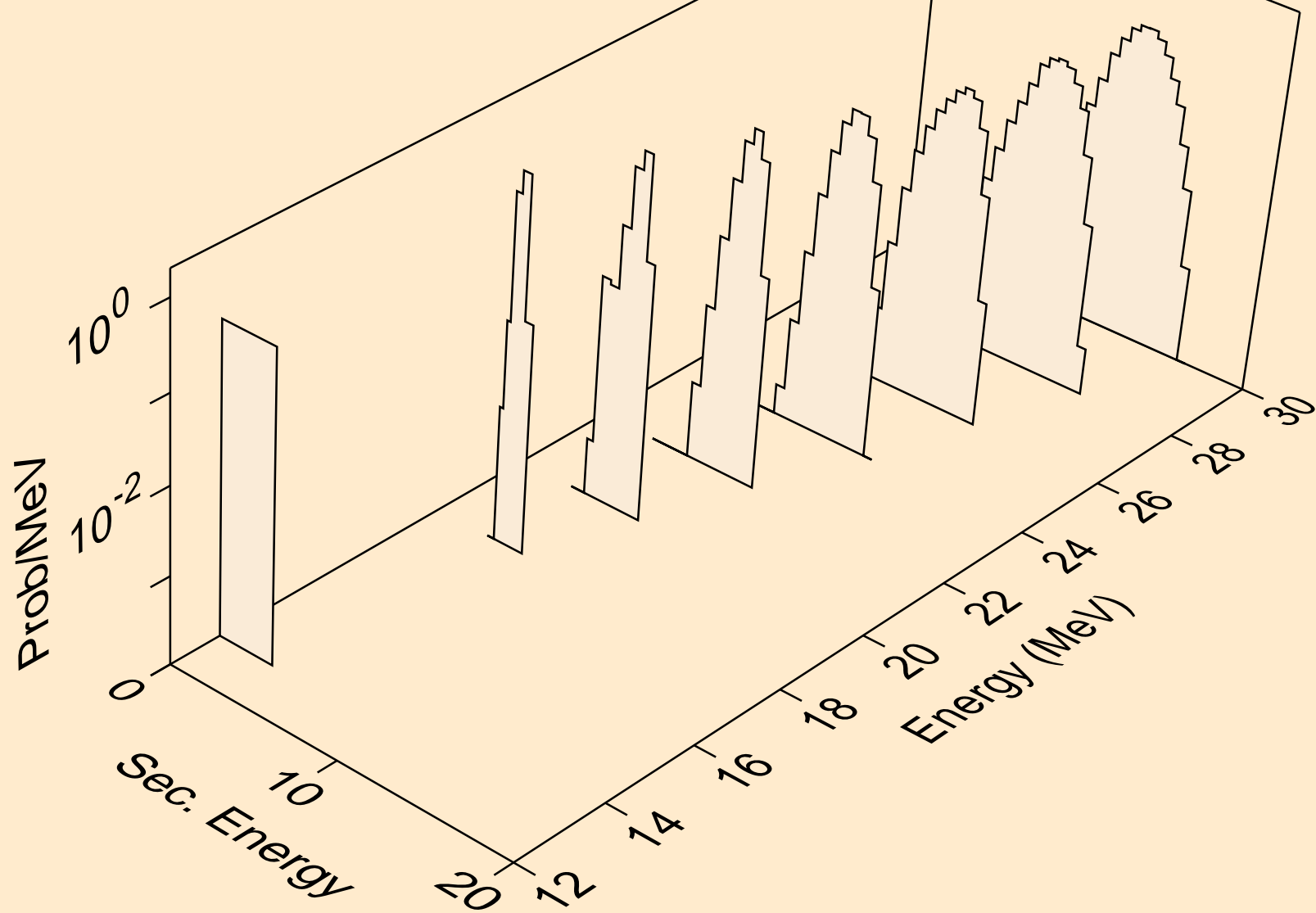
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



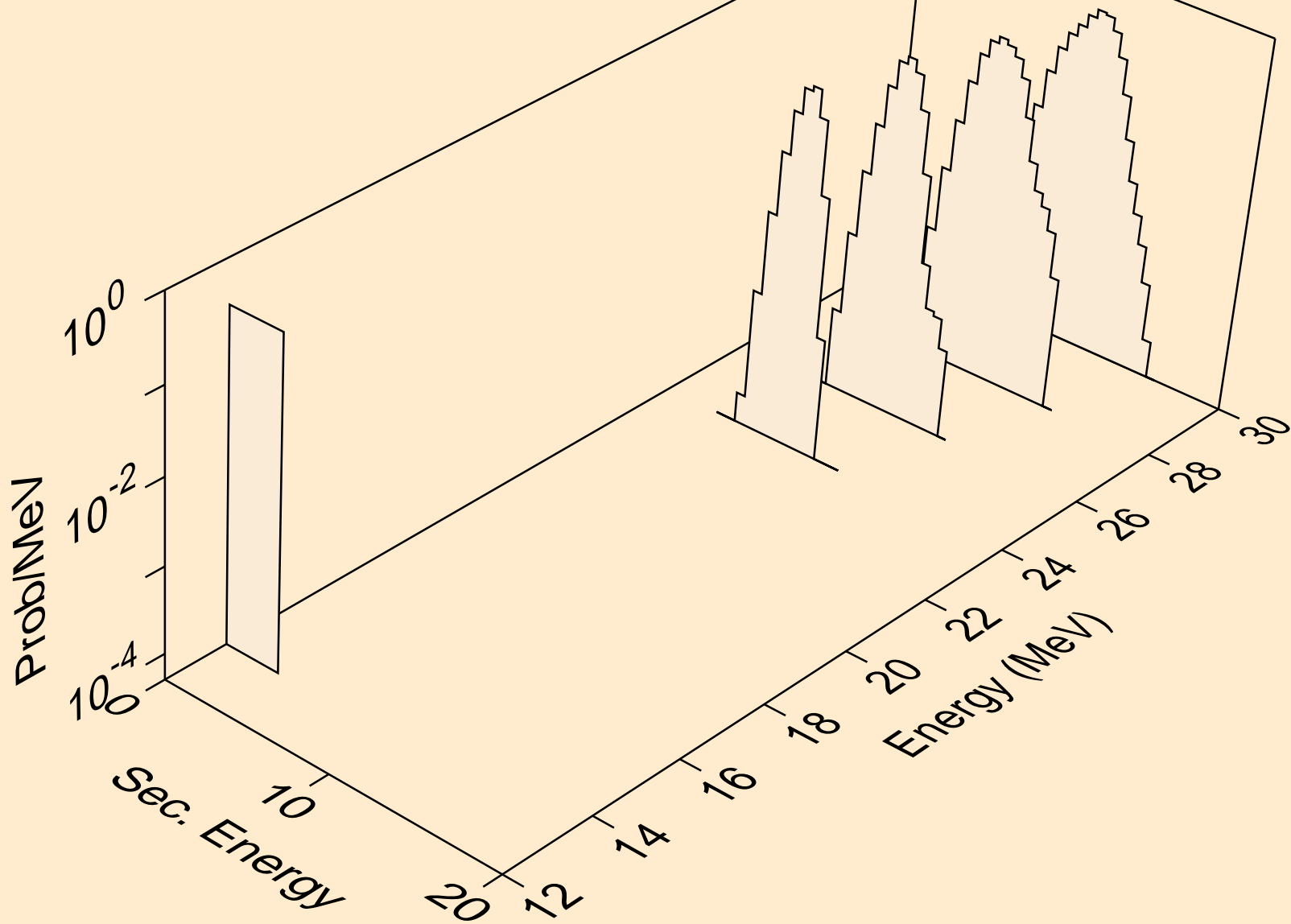
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alphas from (p,2n)a



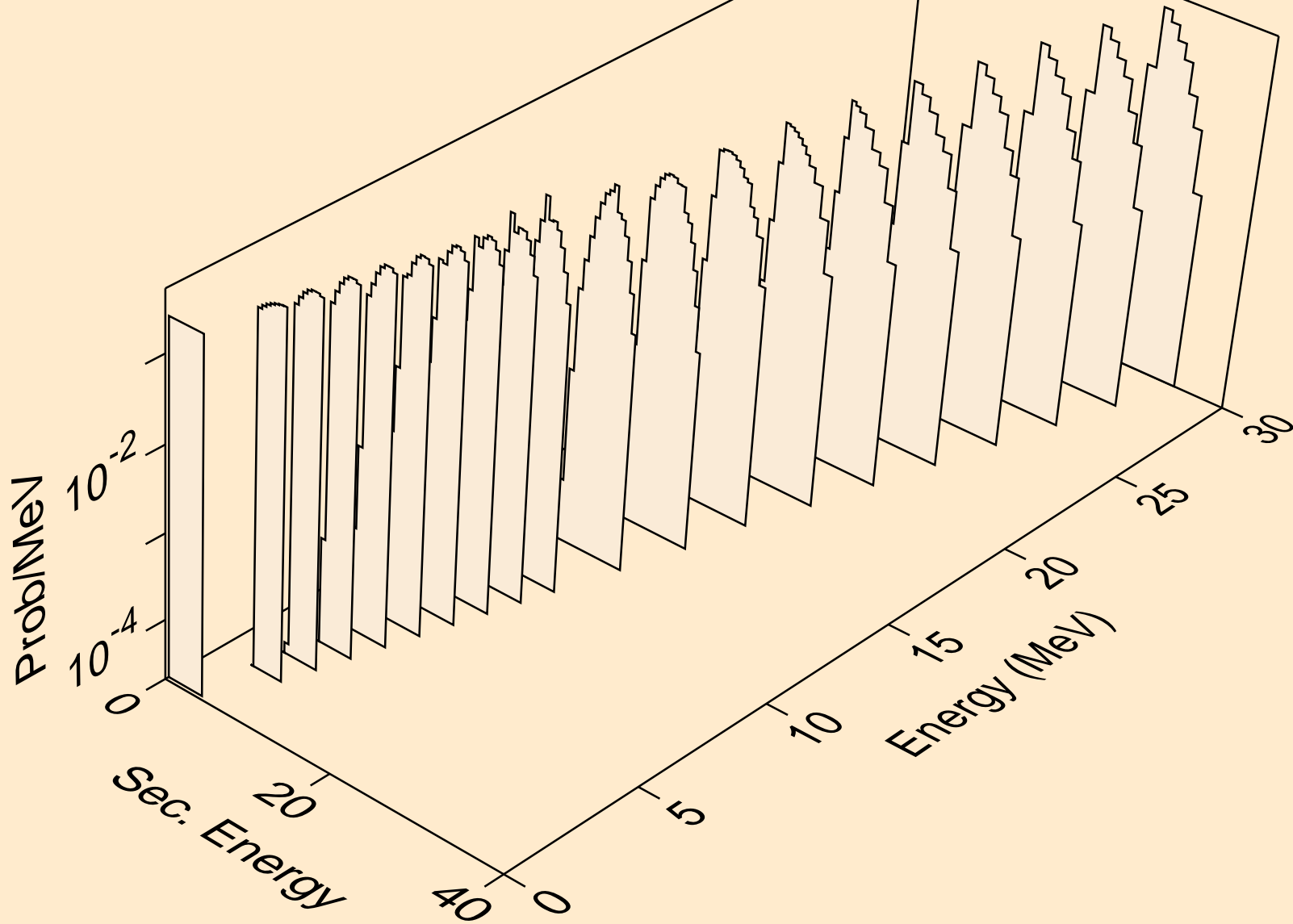
SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



SB132 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)

