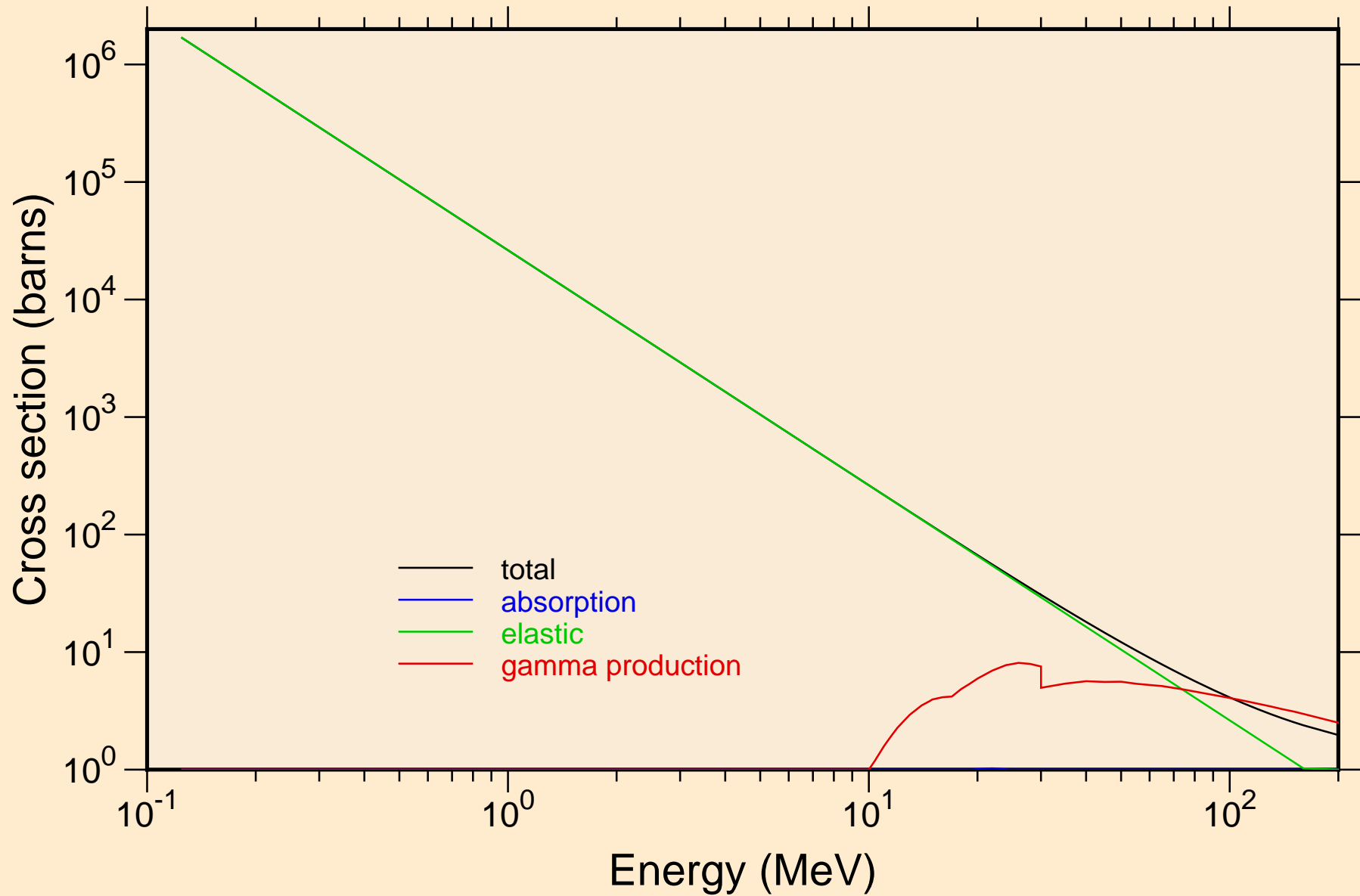
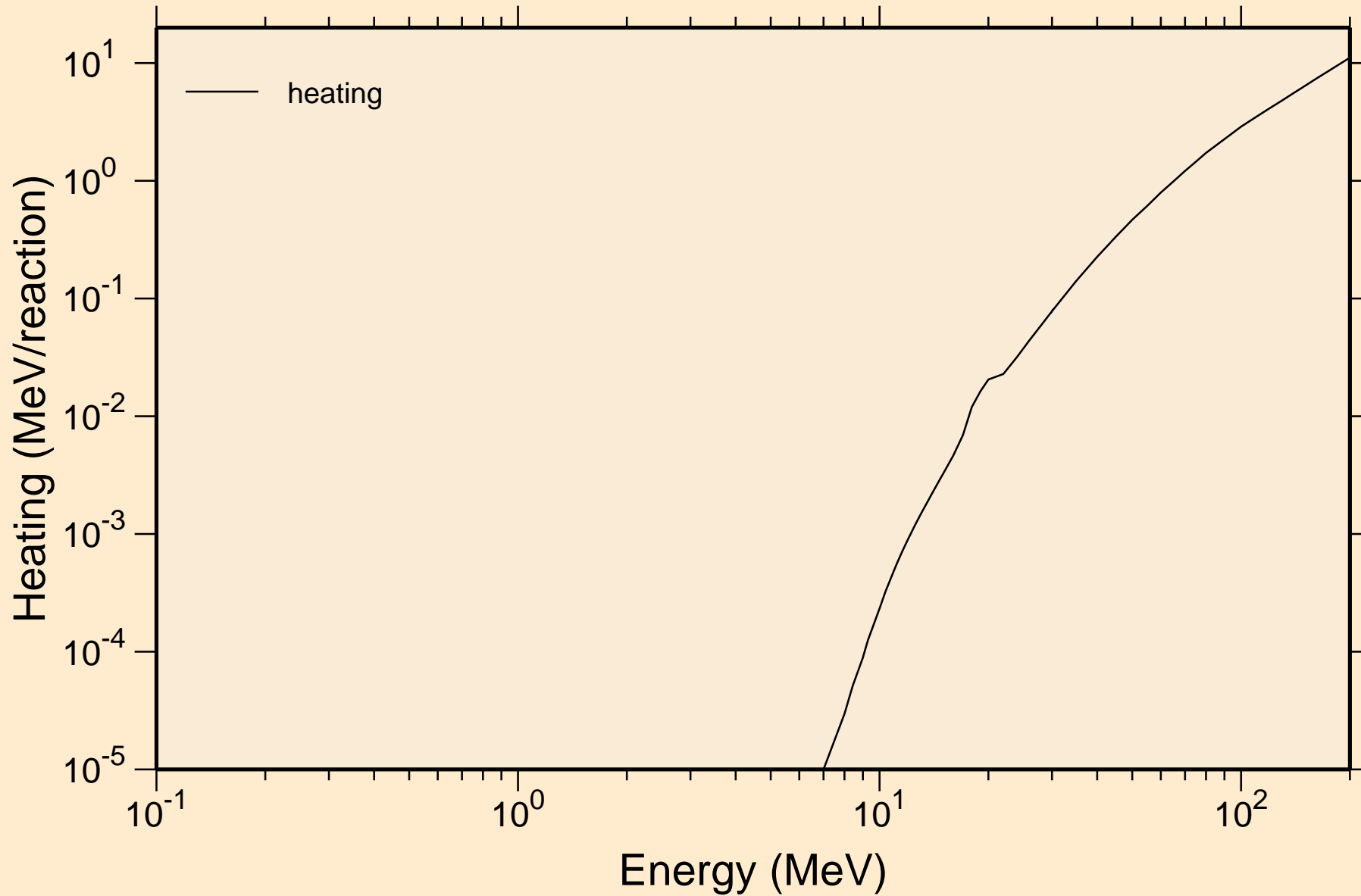


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

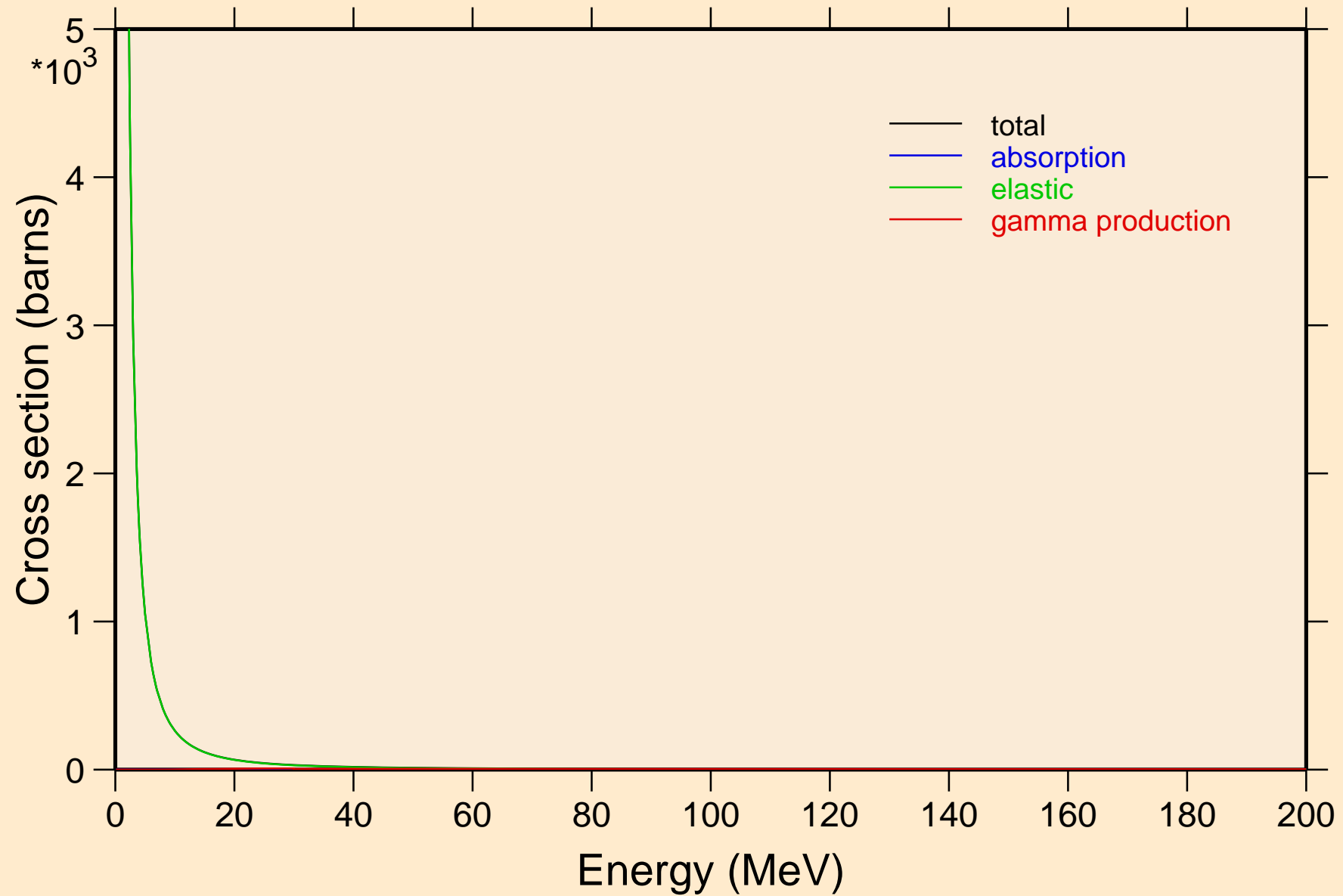


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



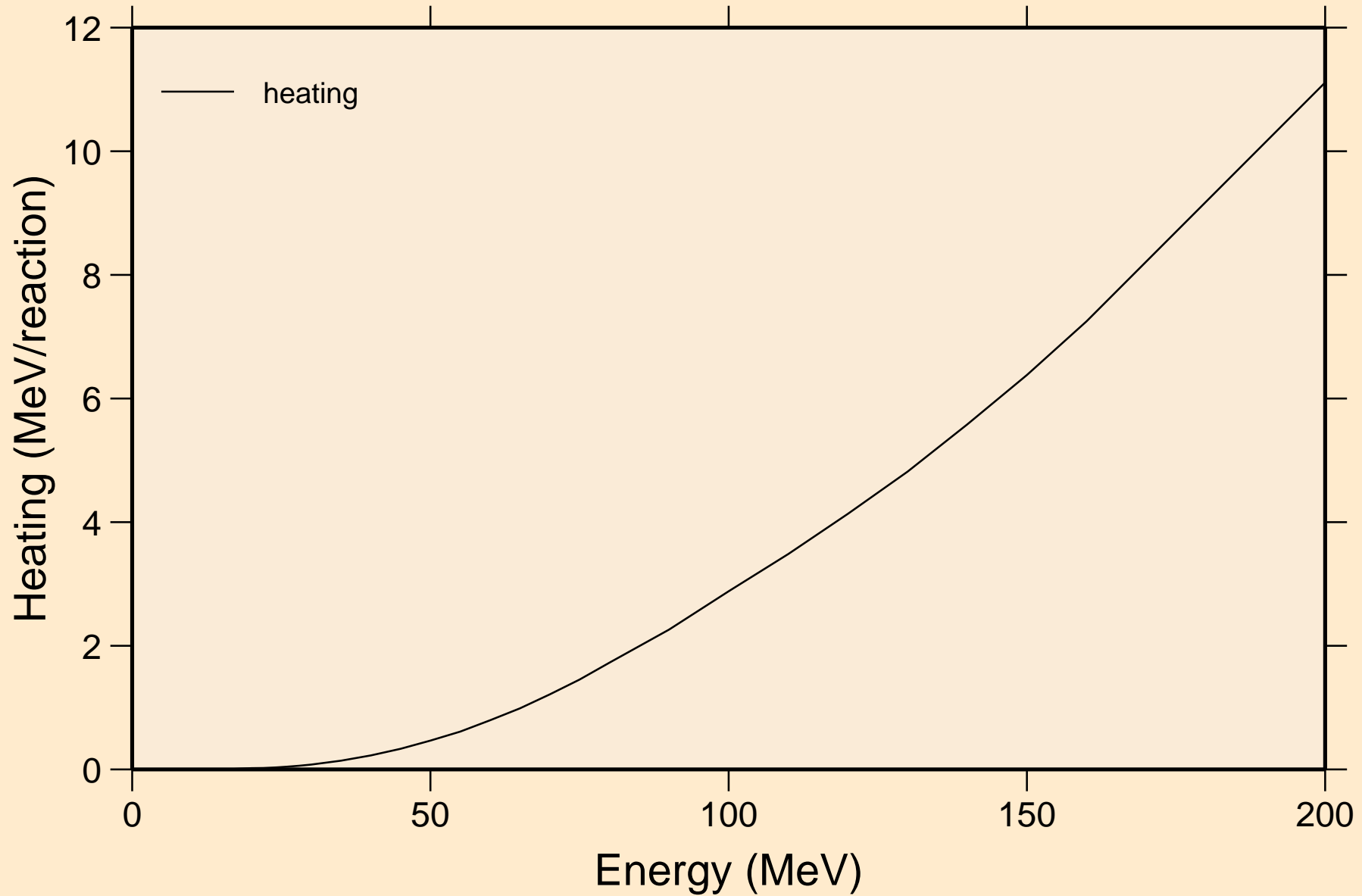
# TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

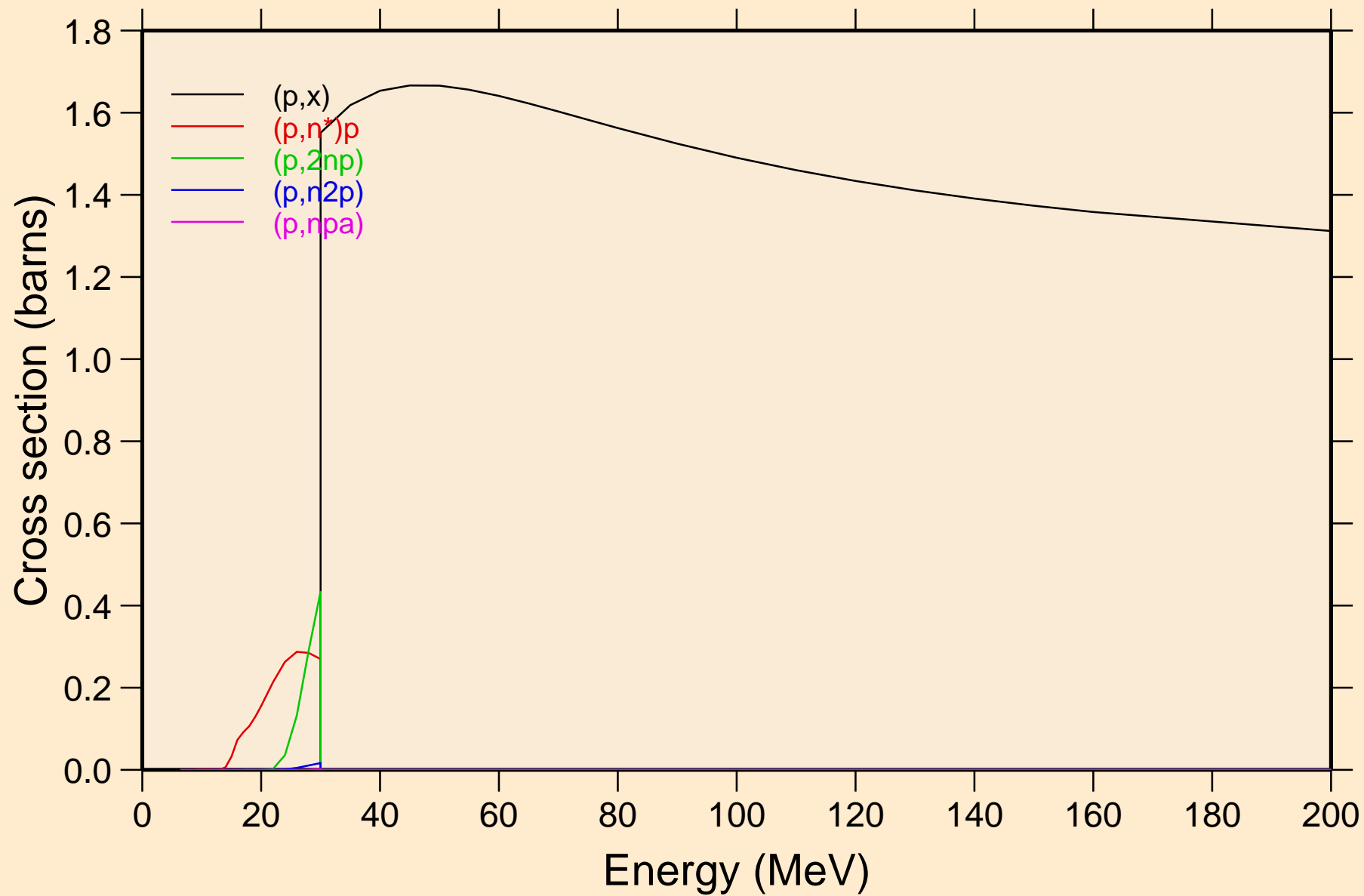


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K

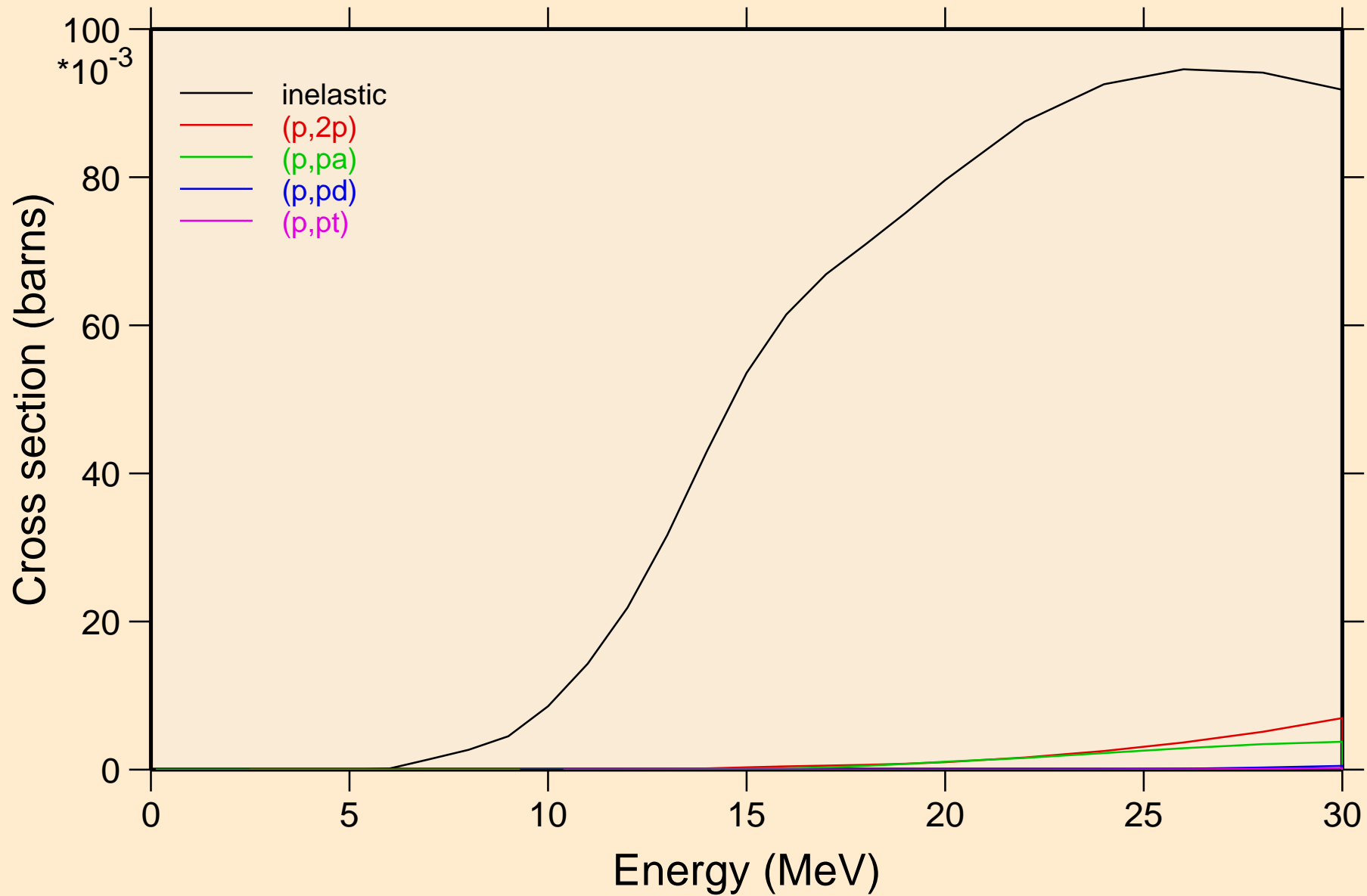
Heating



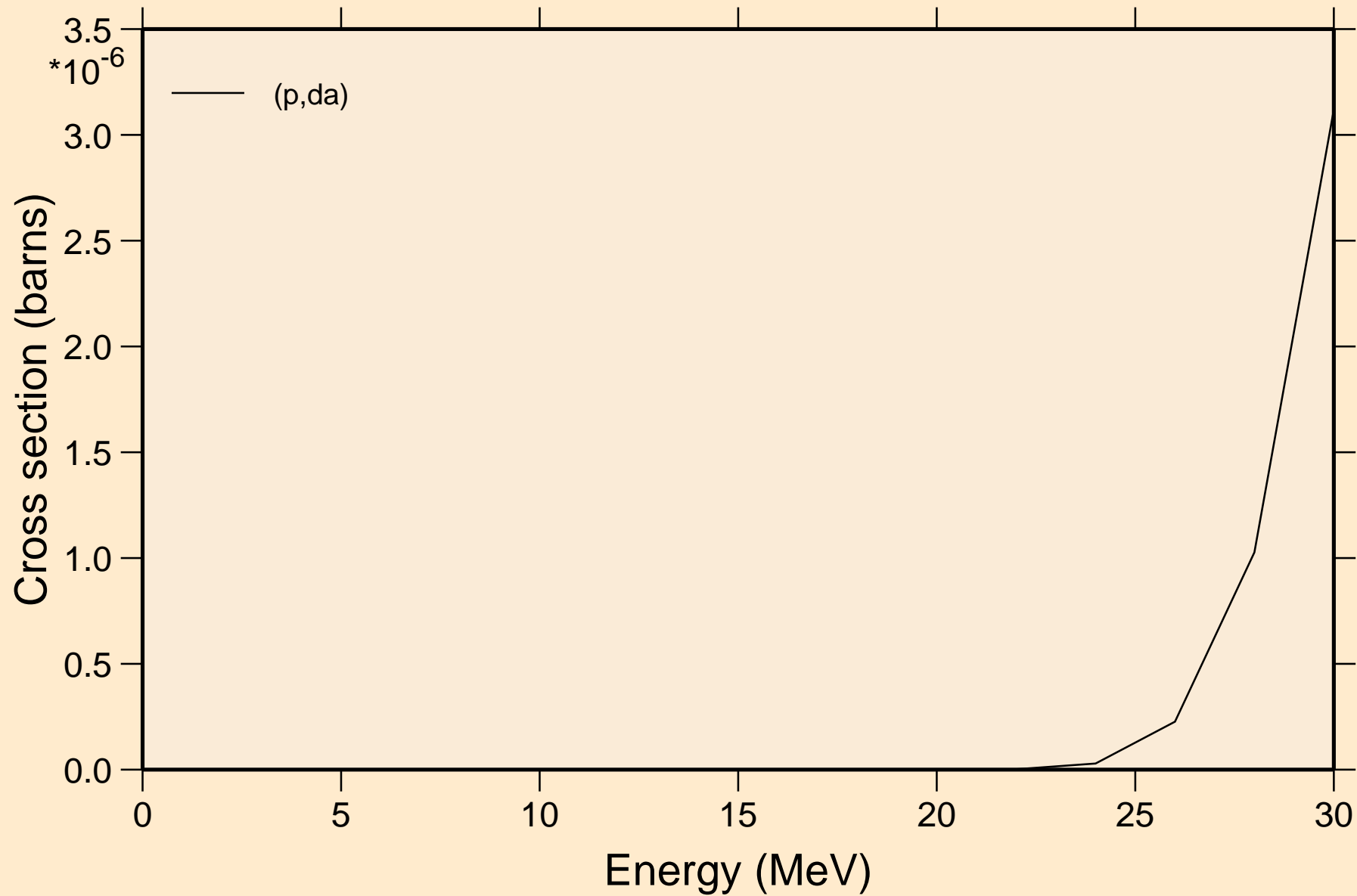
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Threshold reactions



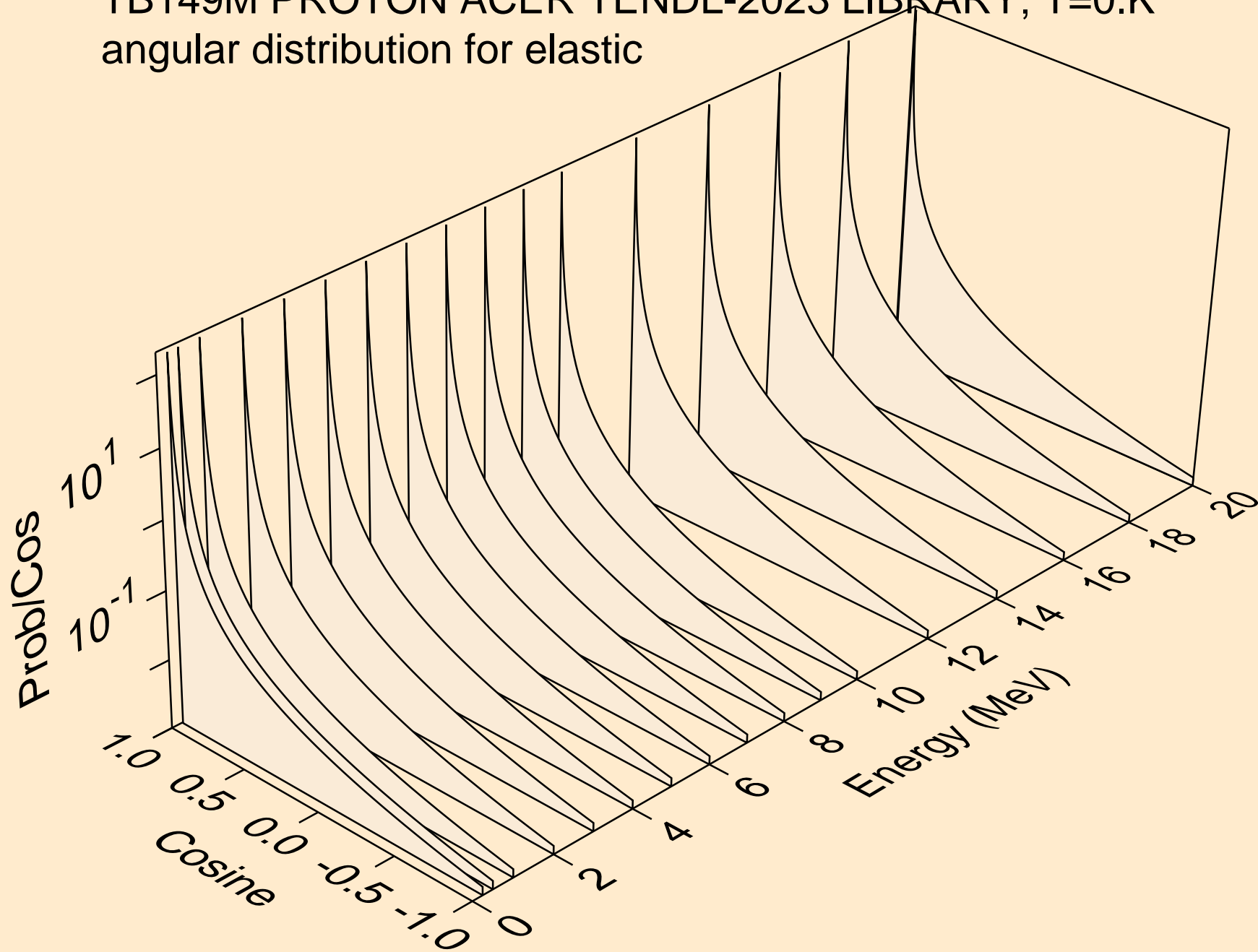
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

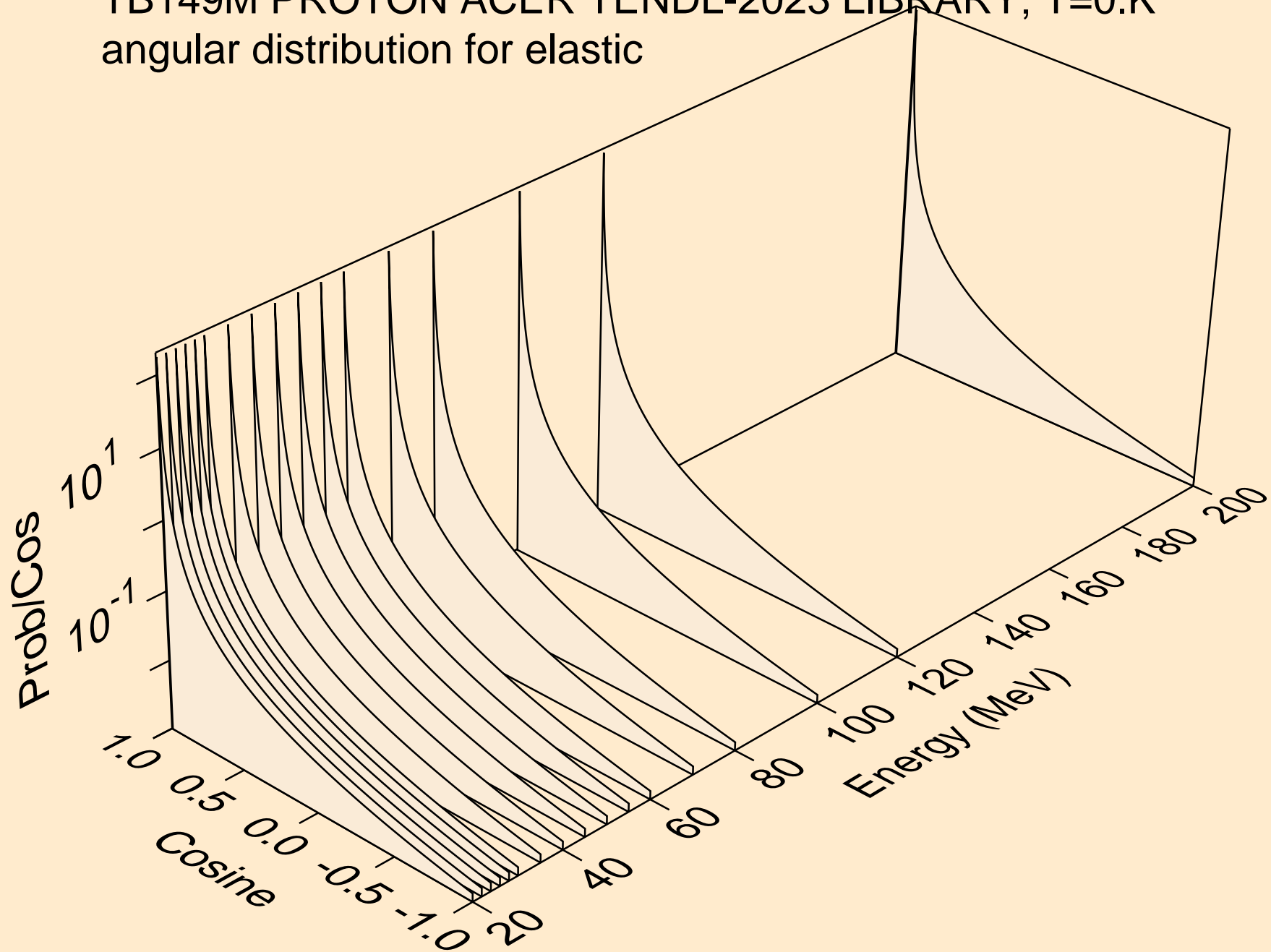


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

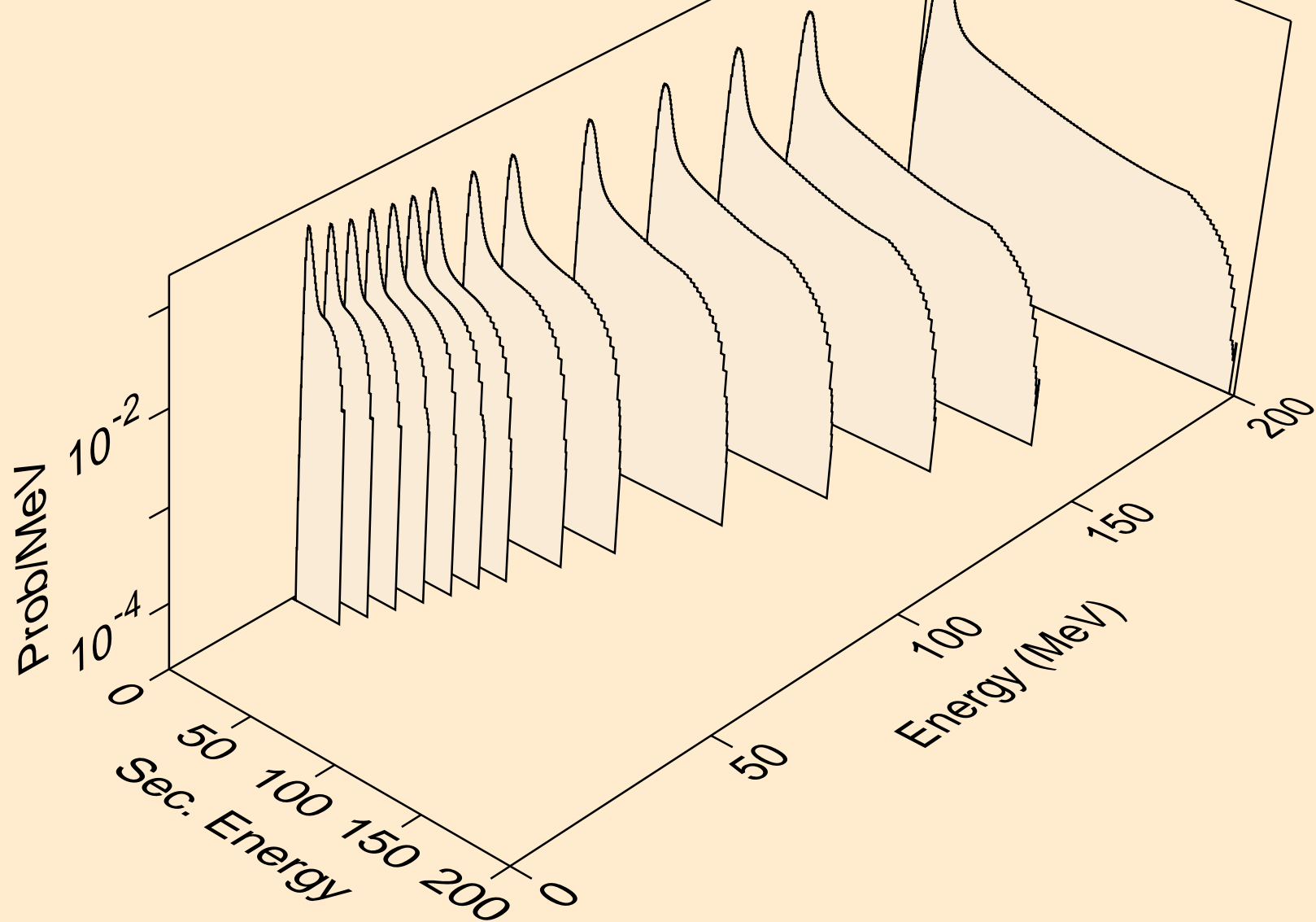




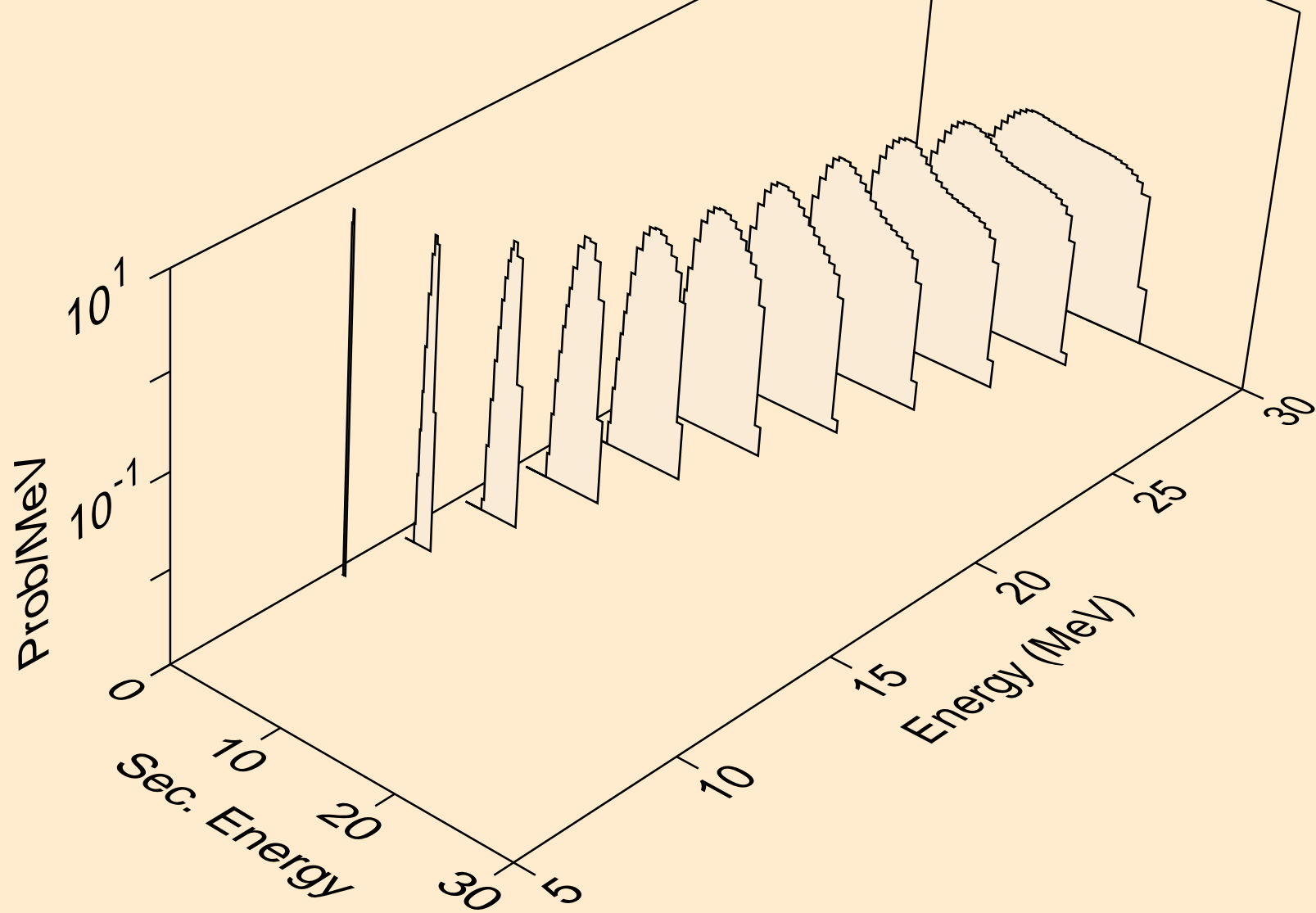
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angular distribution for elastic



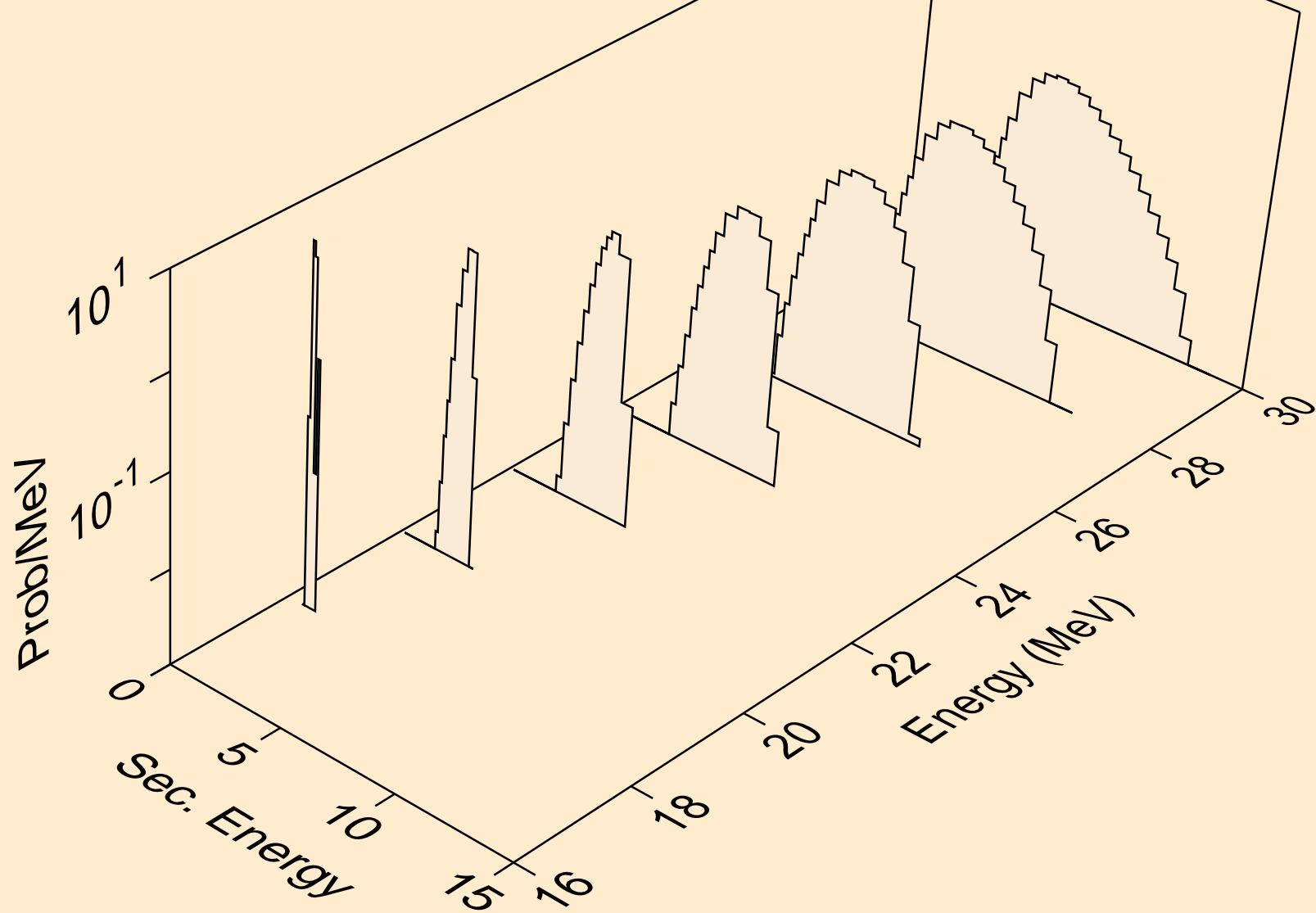
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



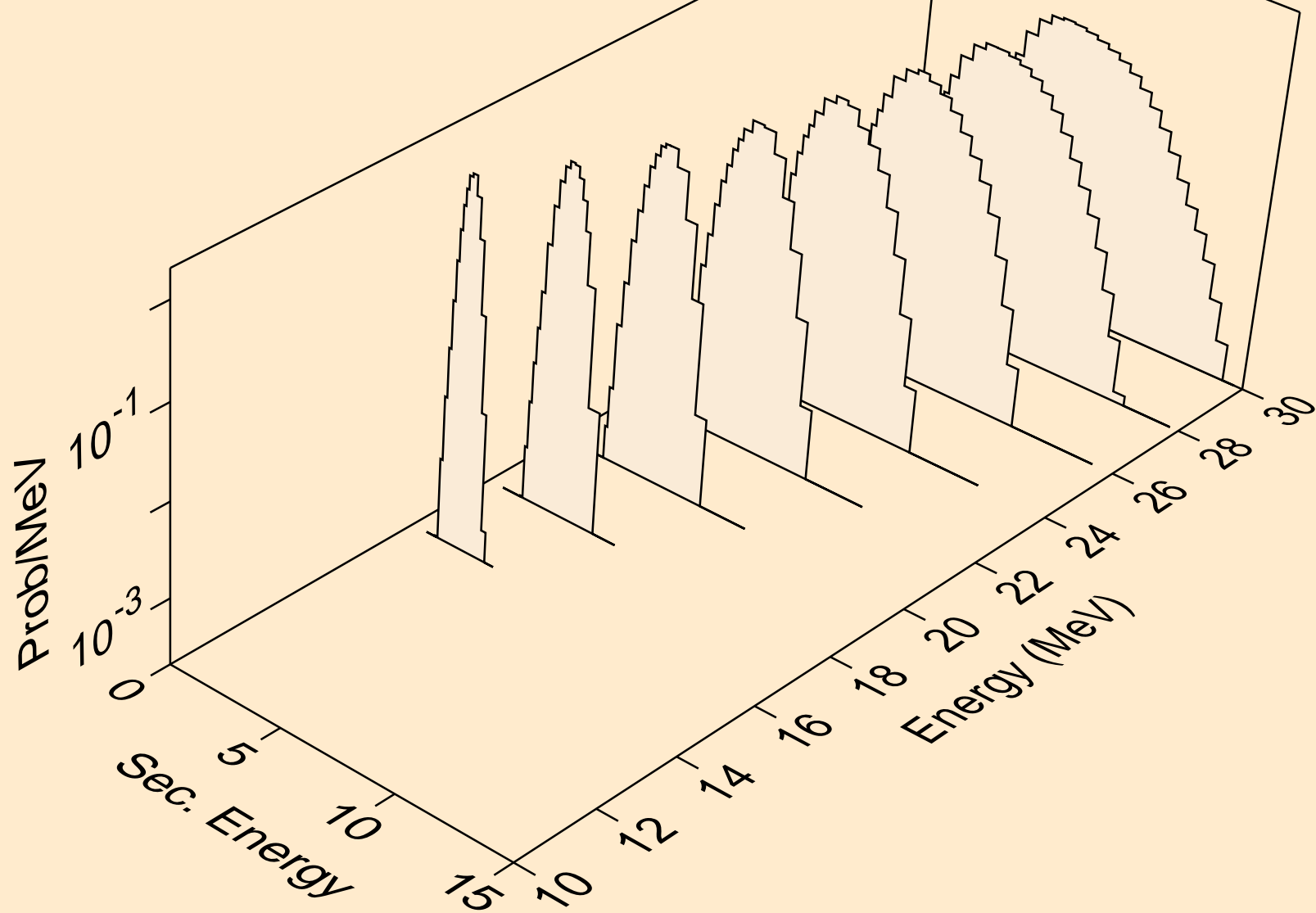
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



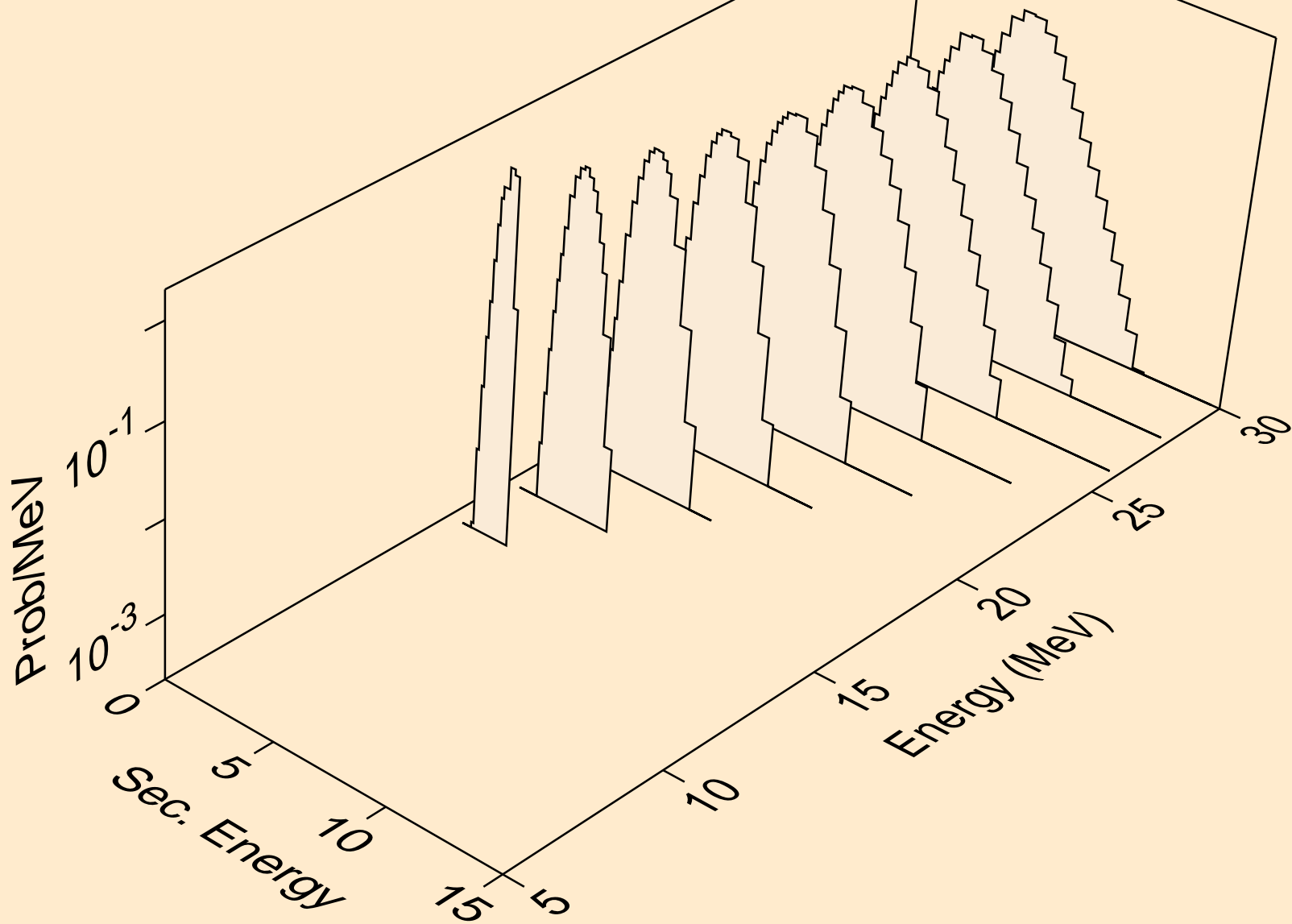
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



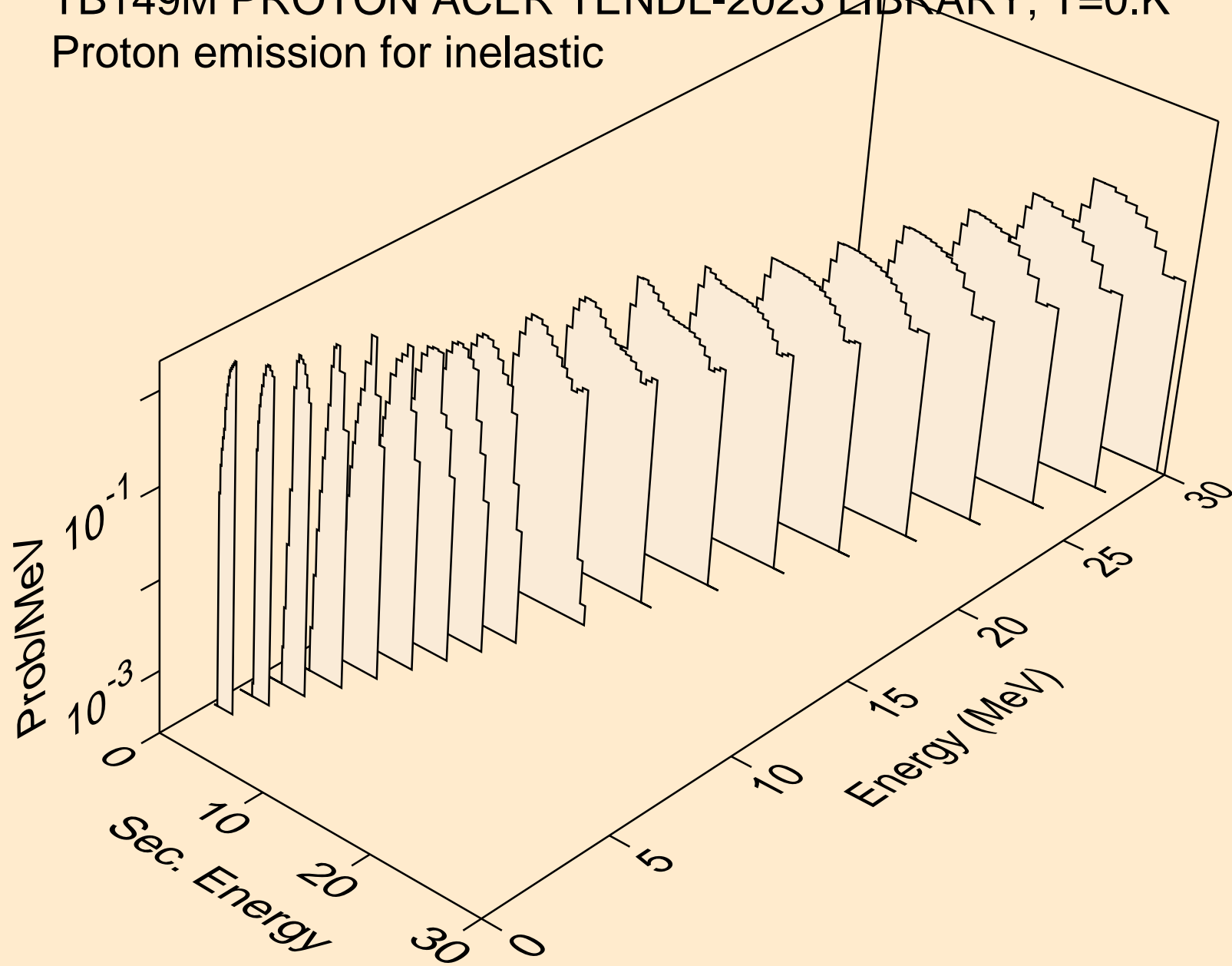
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Proton emission for (p,n2p)



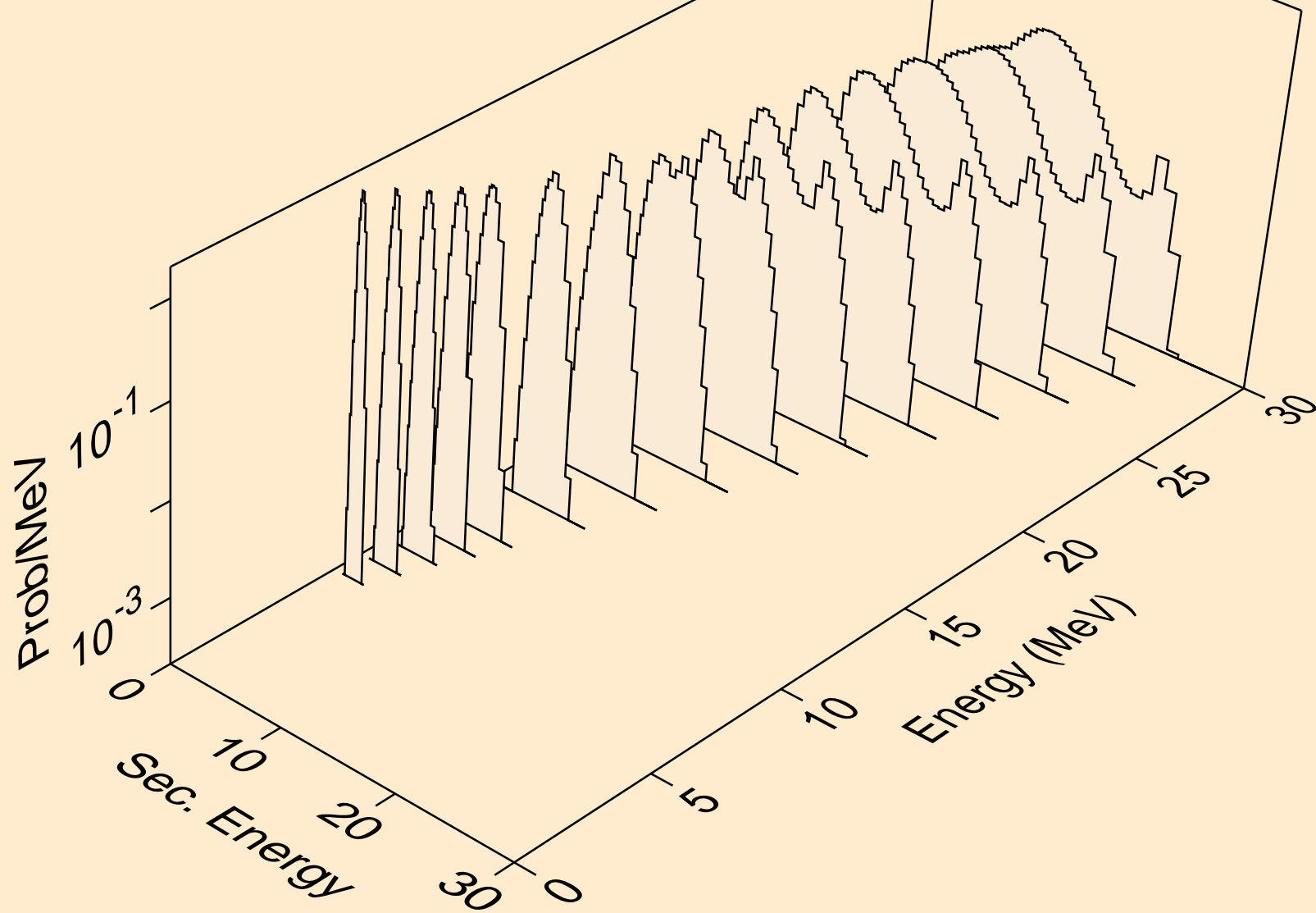
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

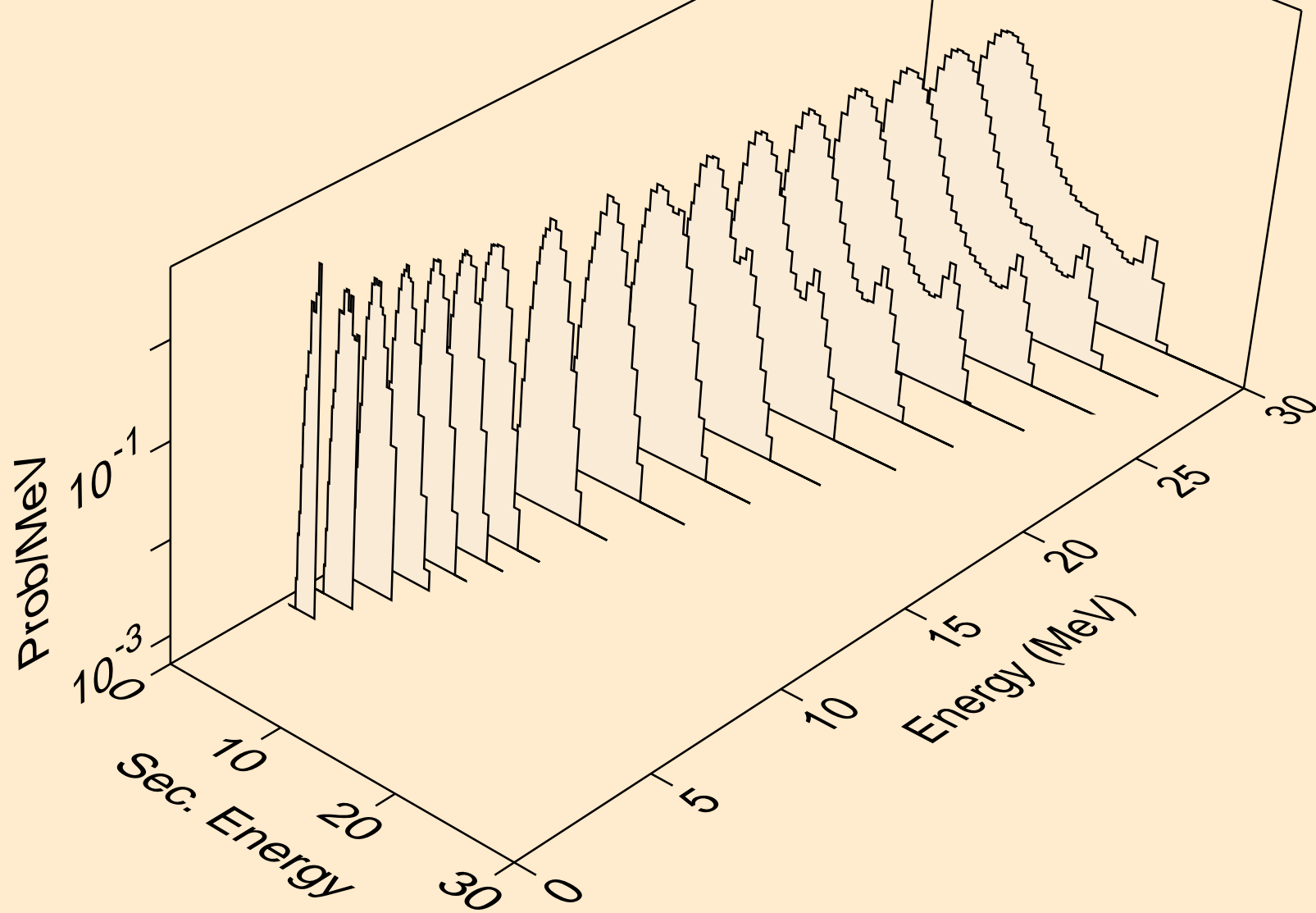


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

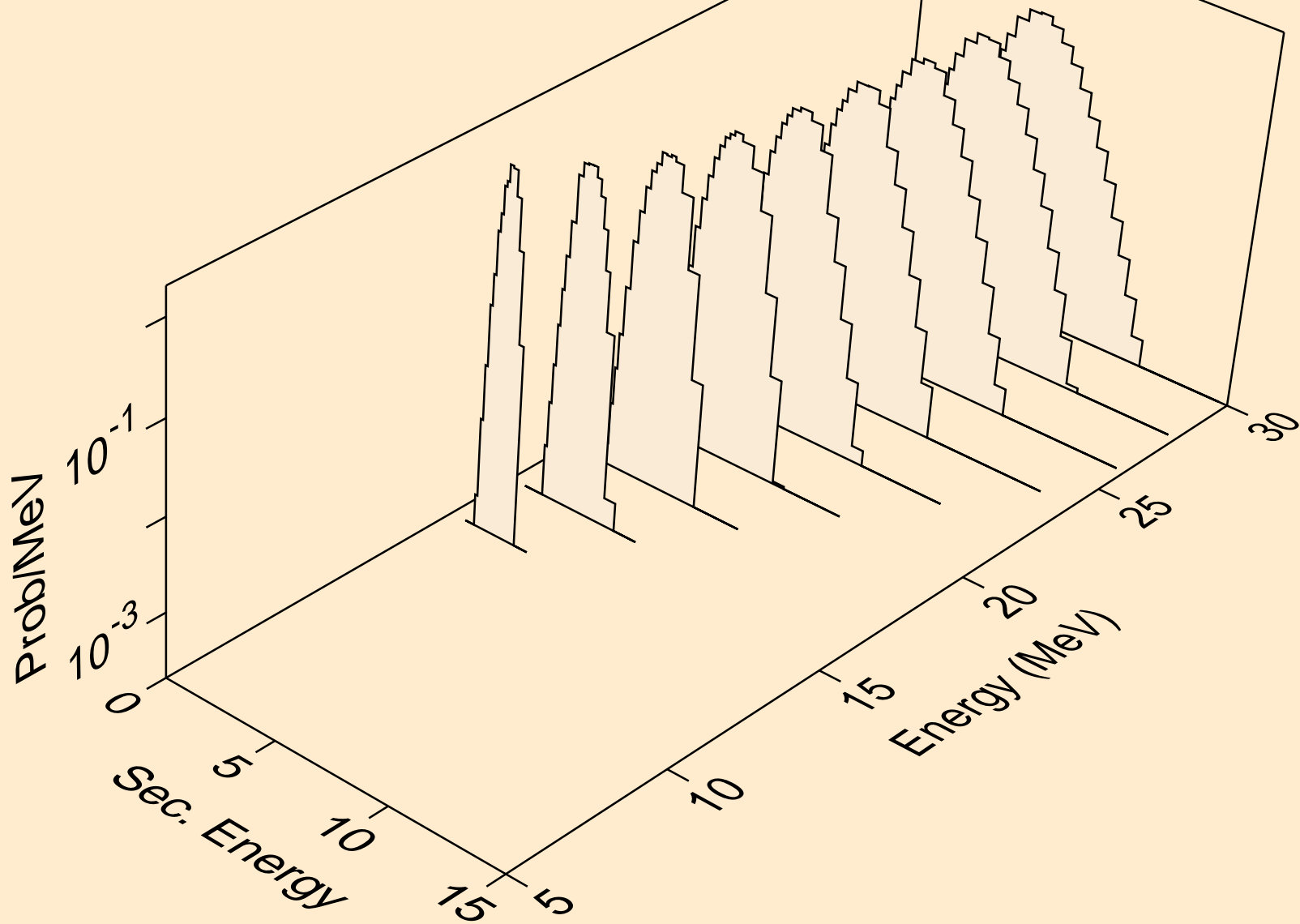




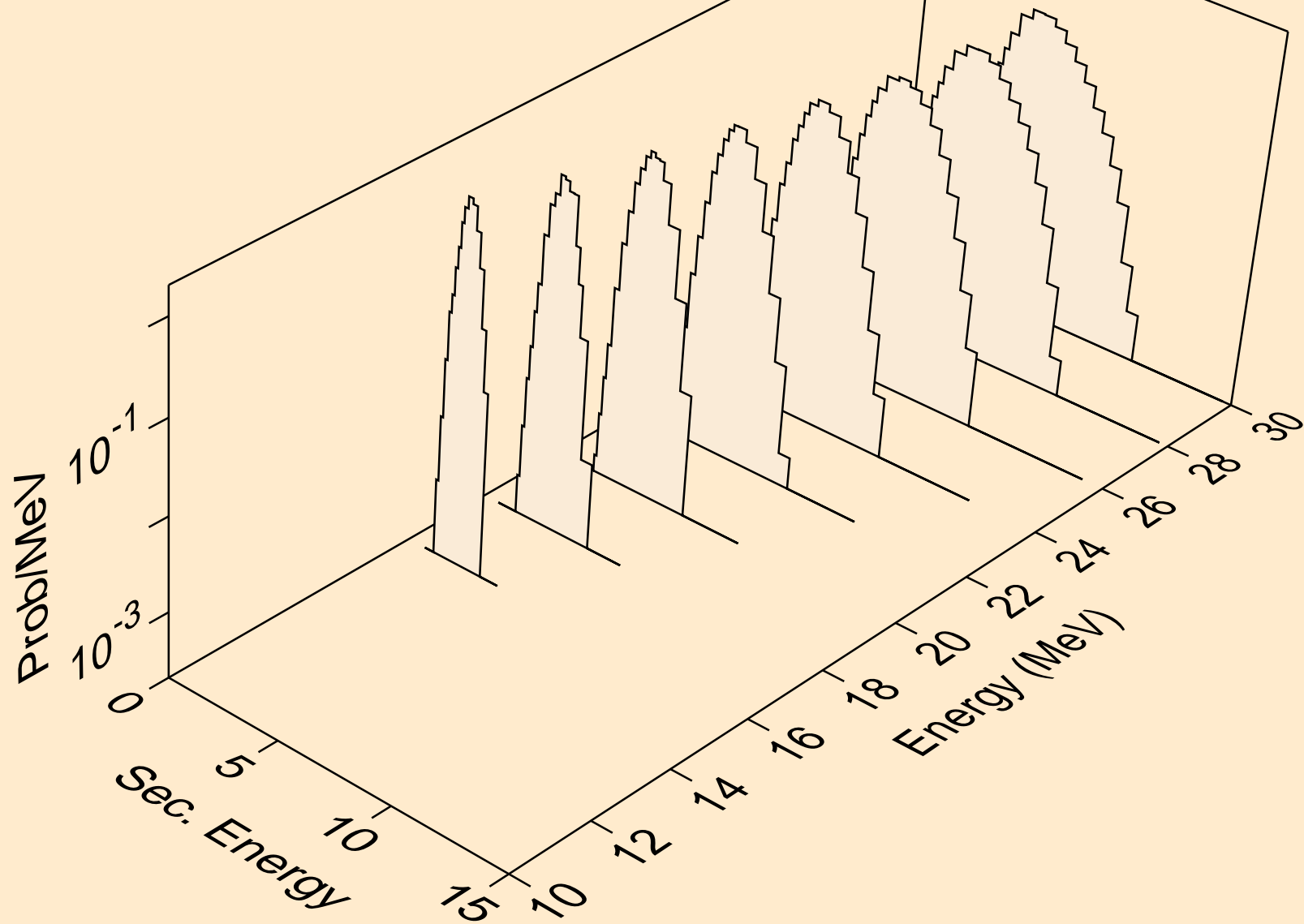
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Proton emission for (p,pa)



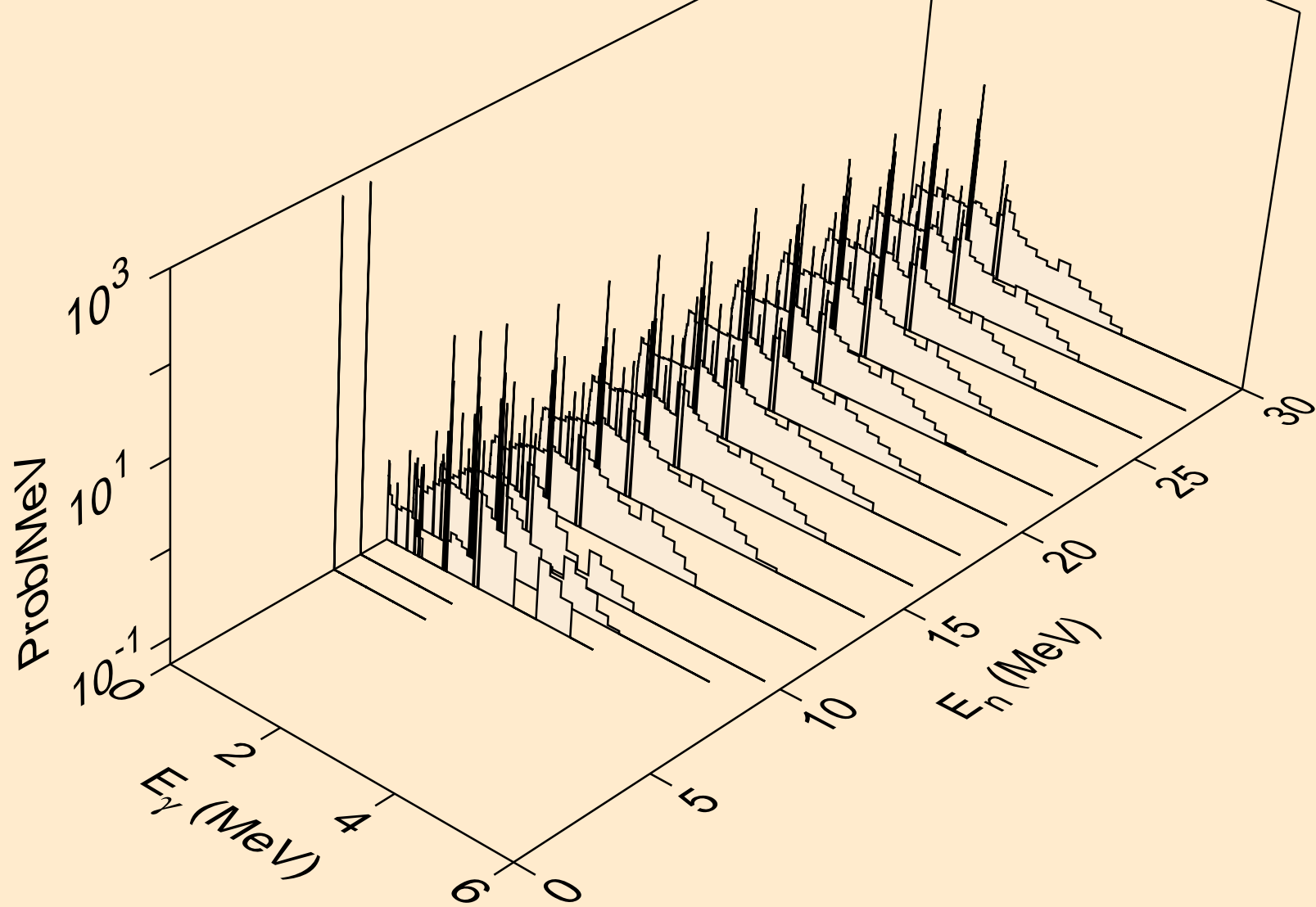
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



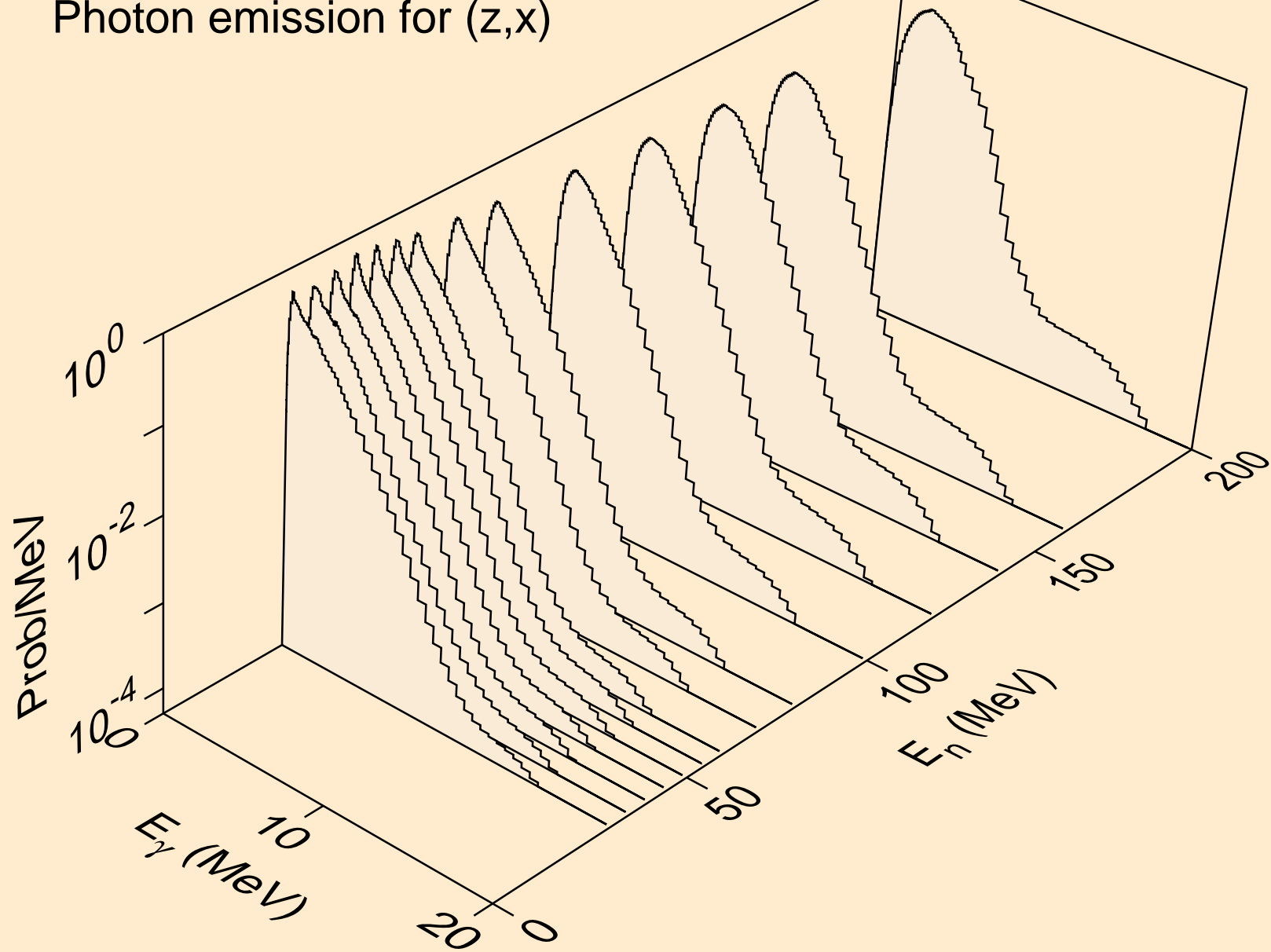
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Proton emission for (p,pt)



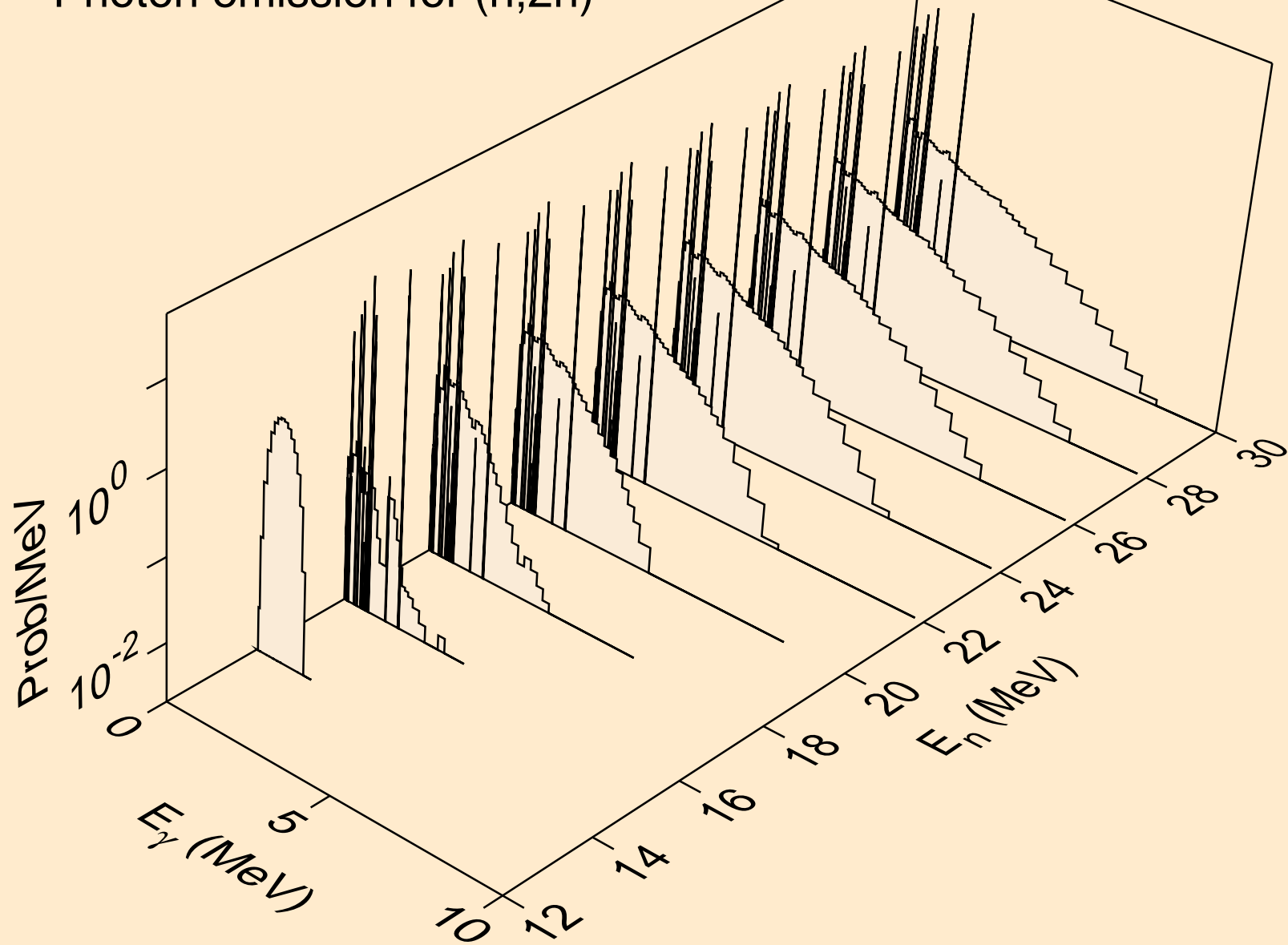
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Photon emission for (z,n)



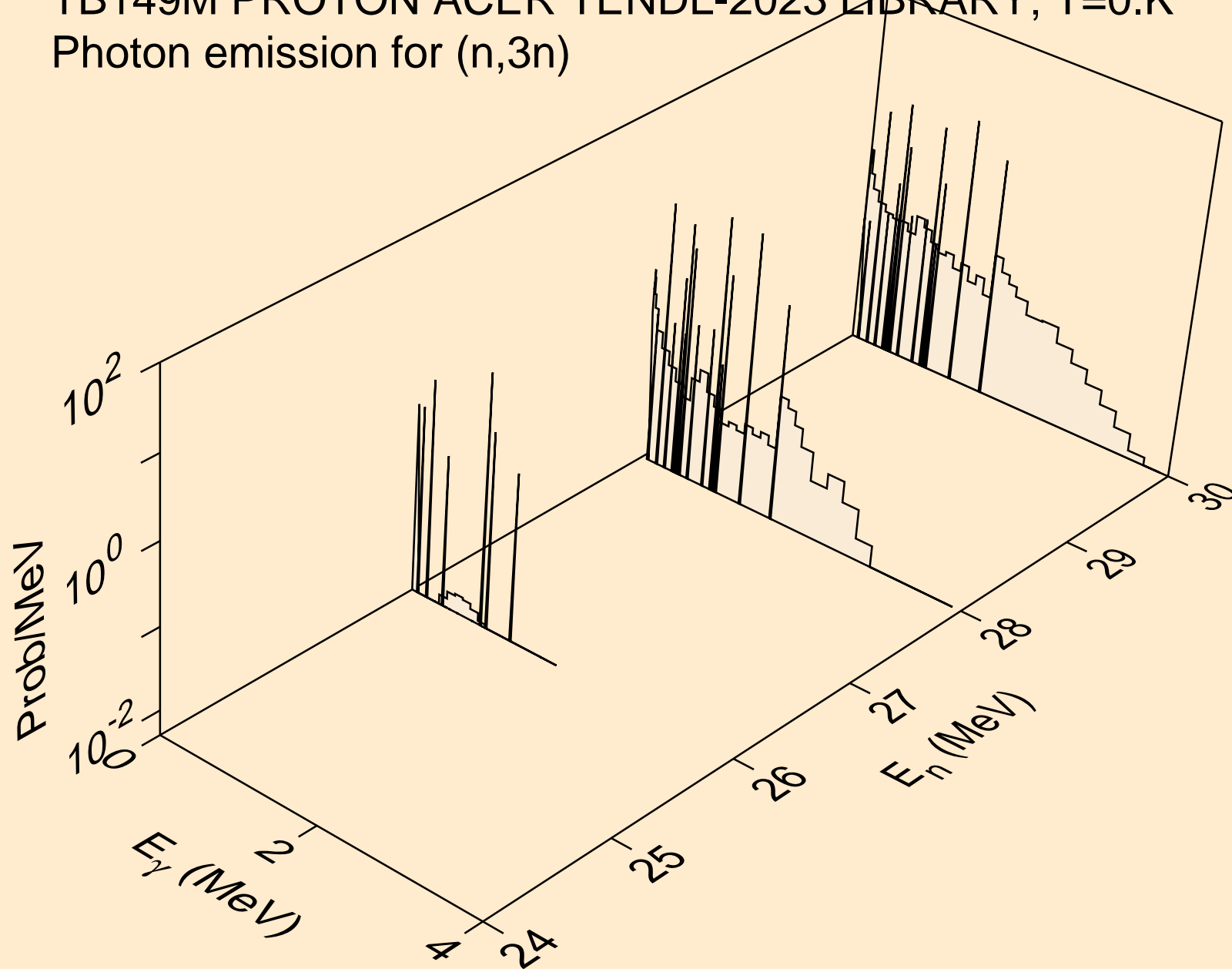
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Photon emission for (z,x)



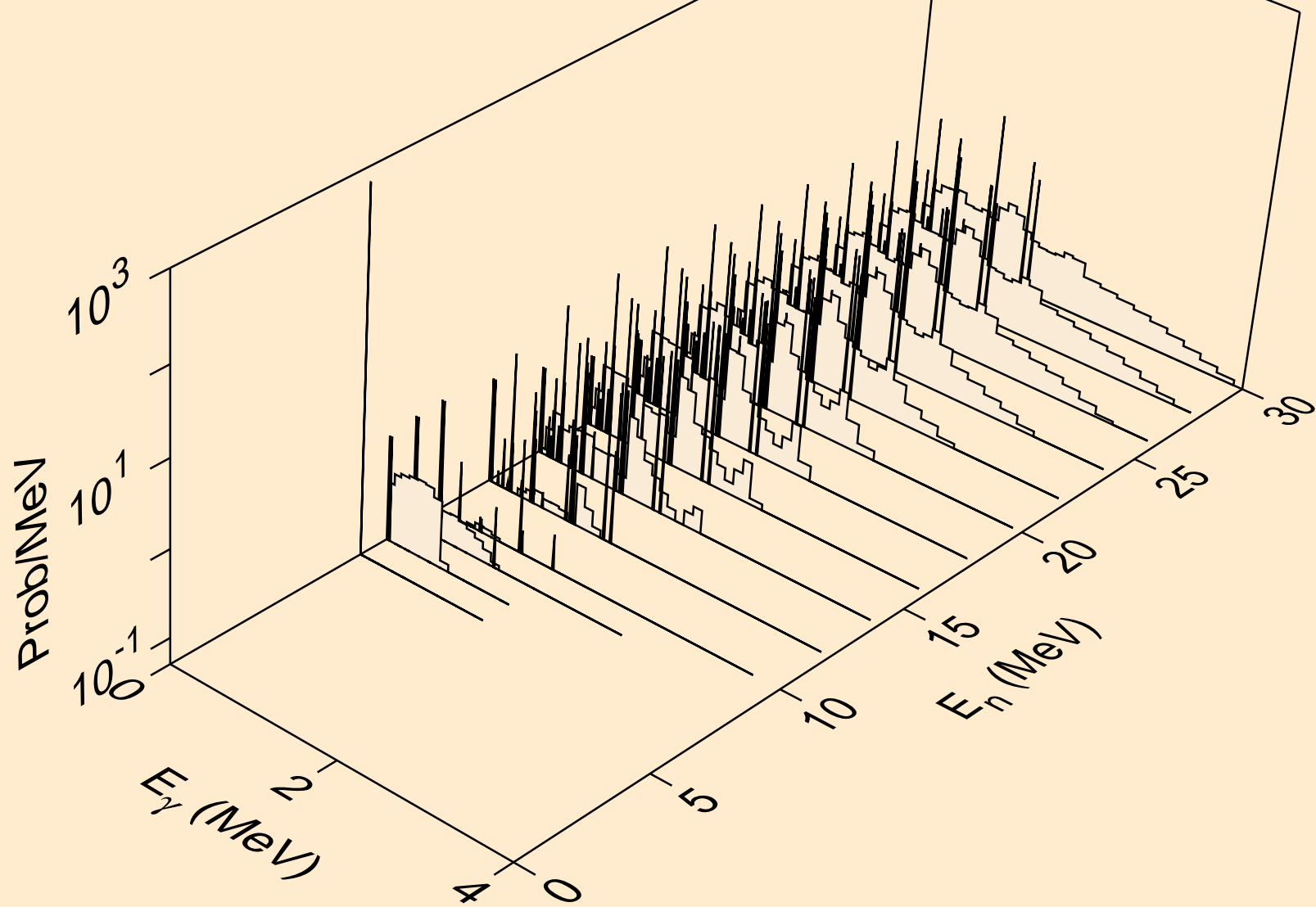
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

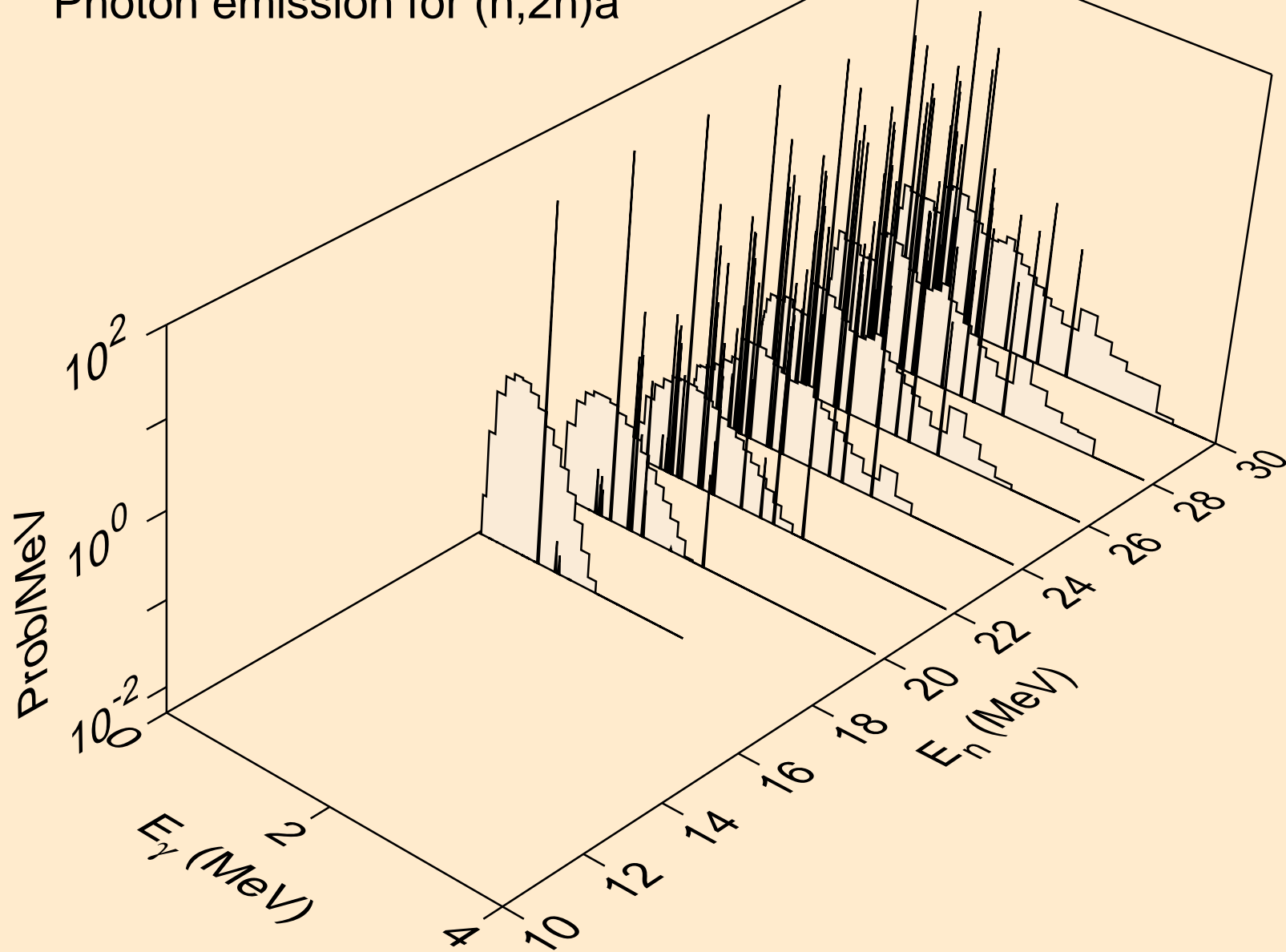


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

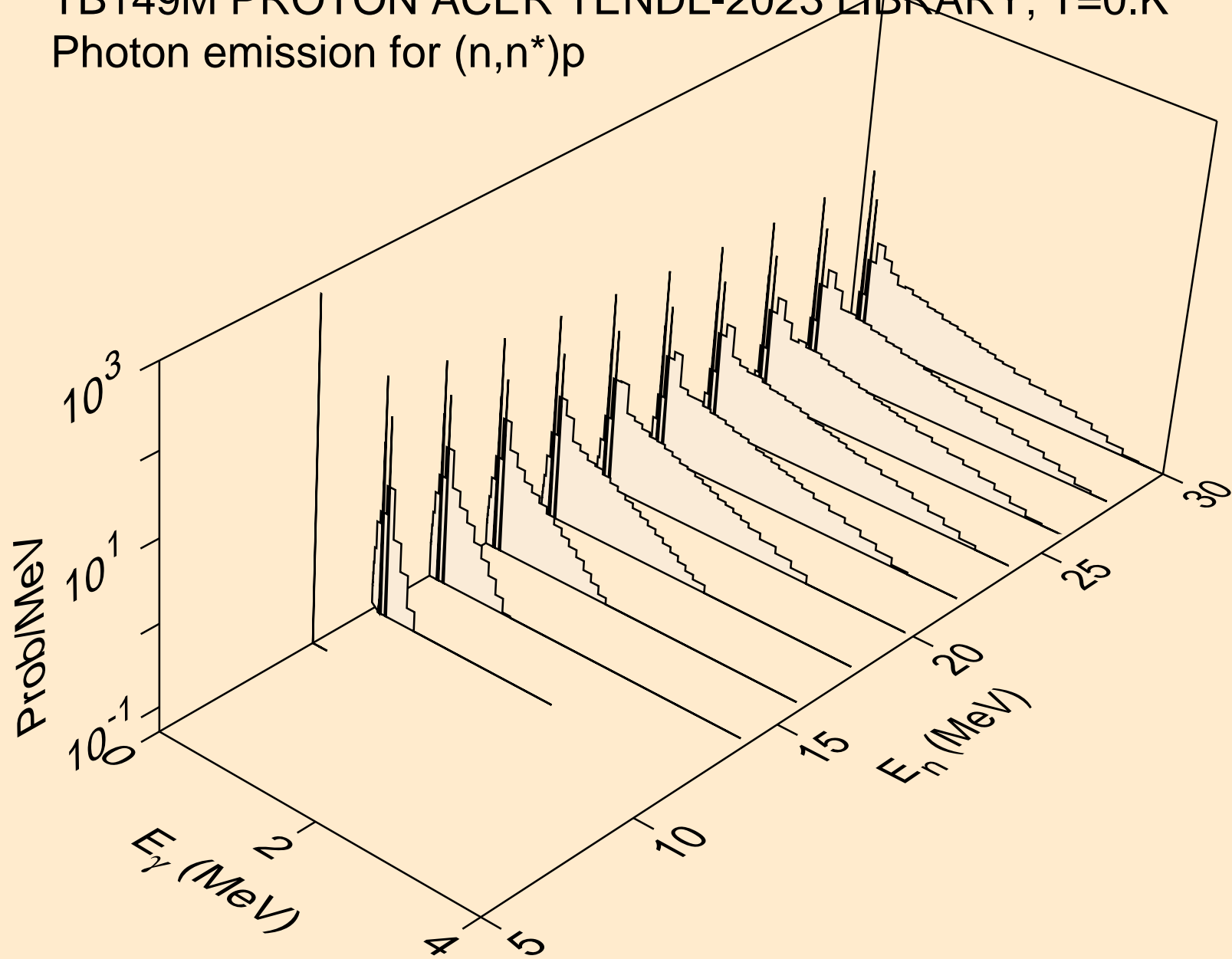




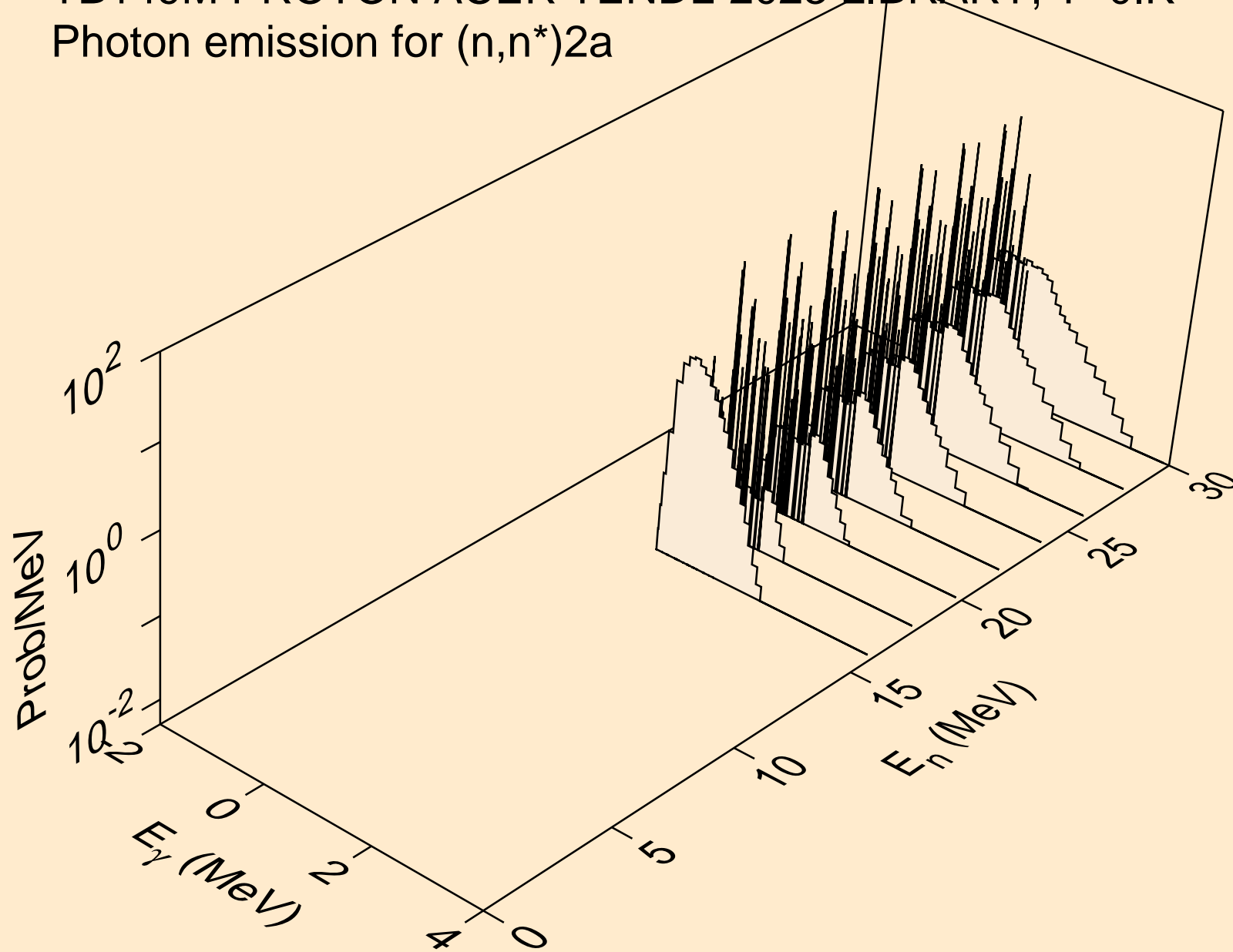
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



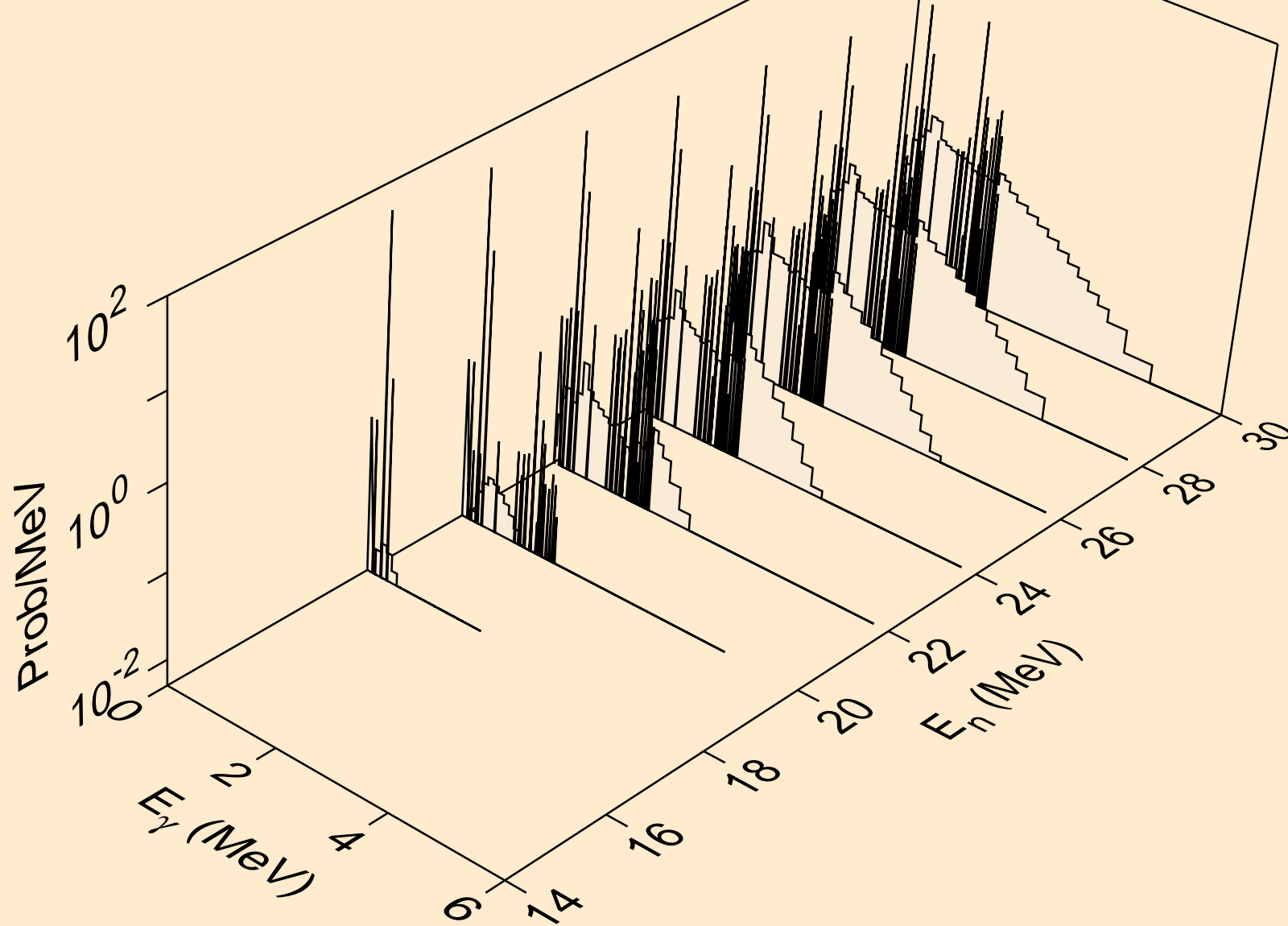
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Photon emission for (n,n\*)p



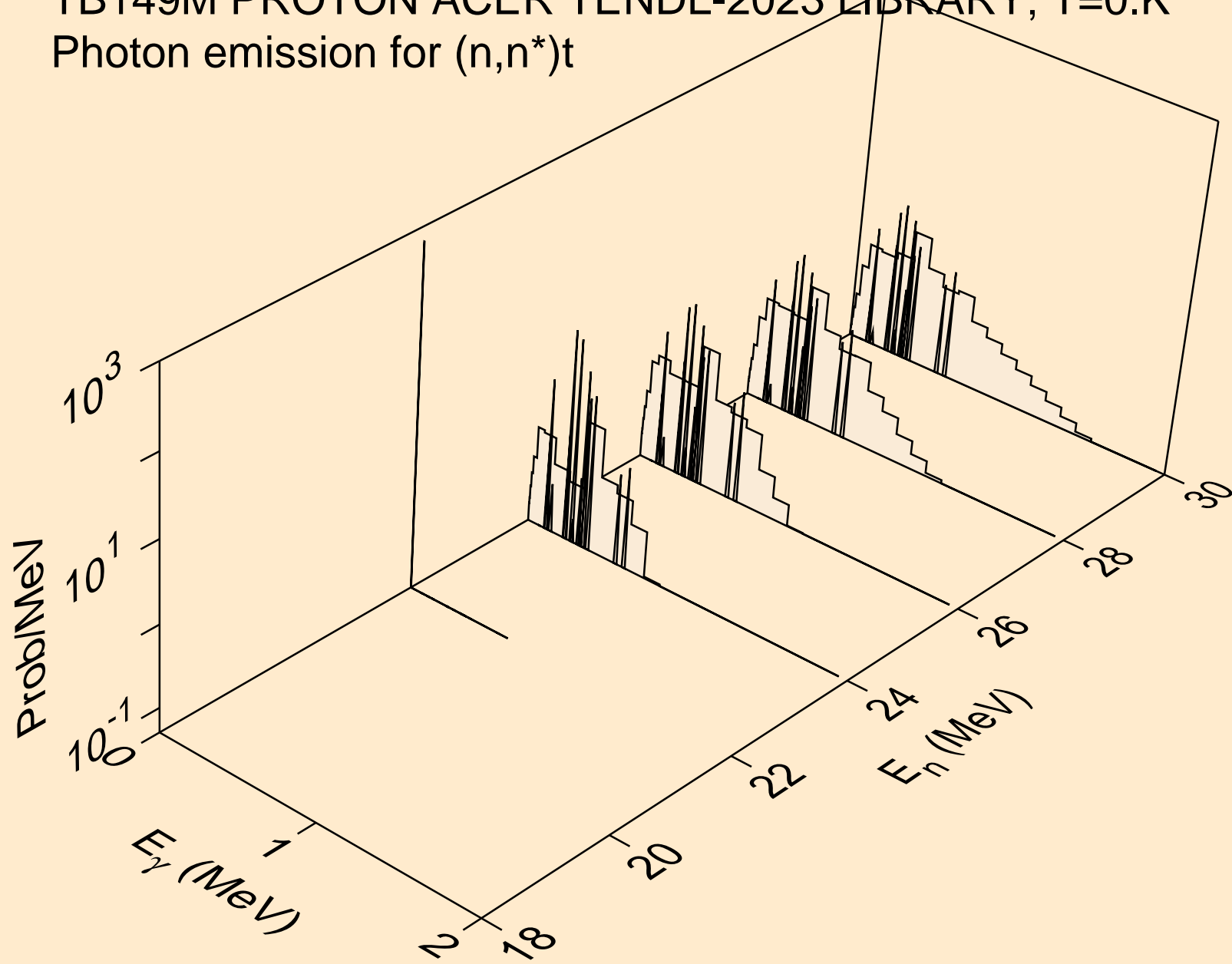
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Photon emission for (n,n\*)2a



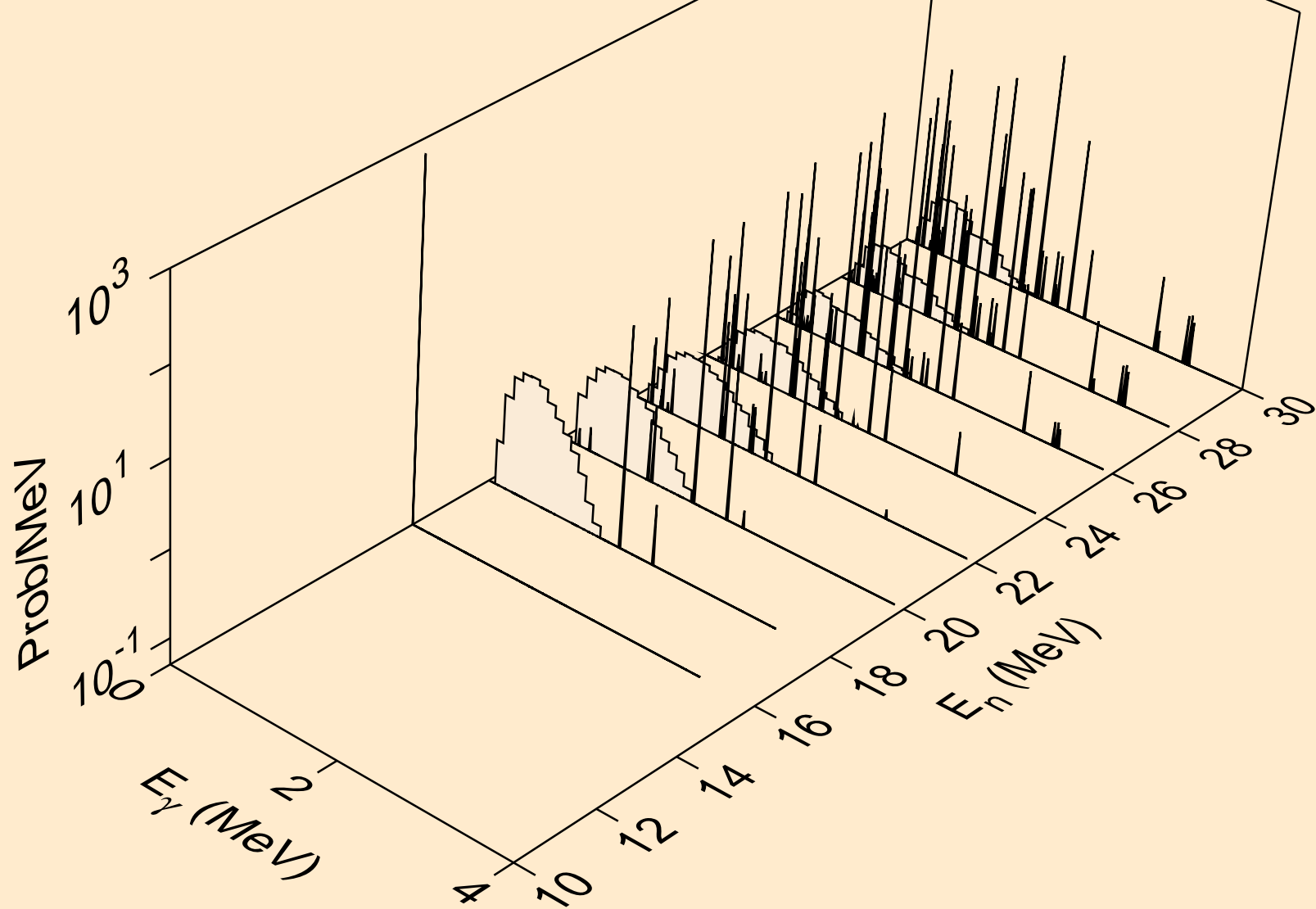
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



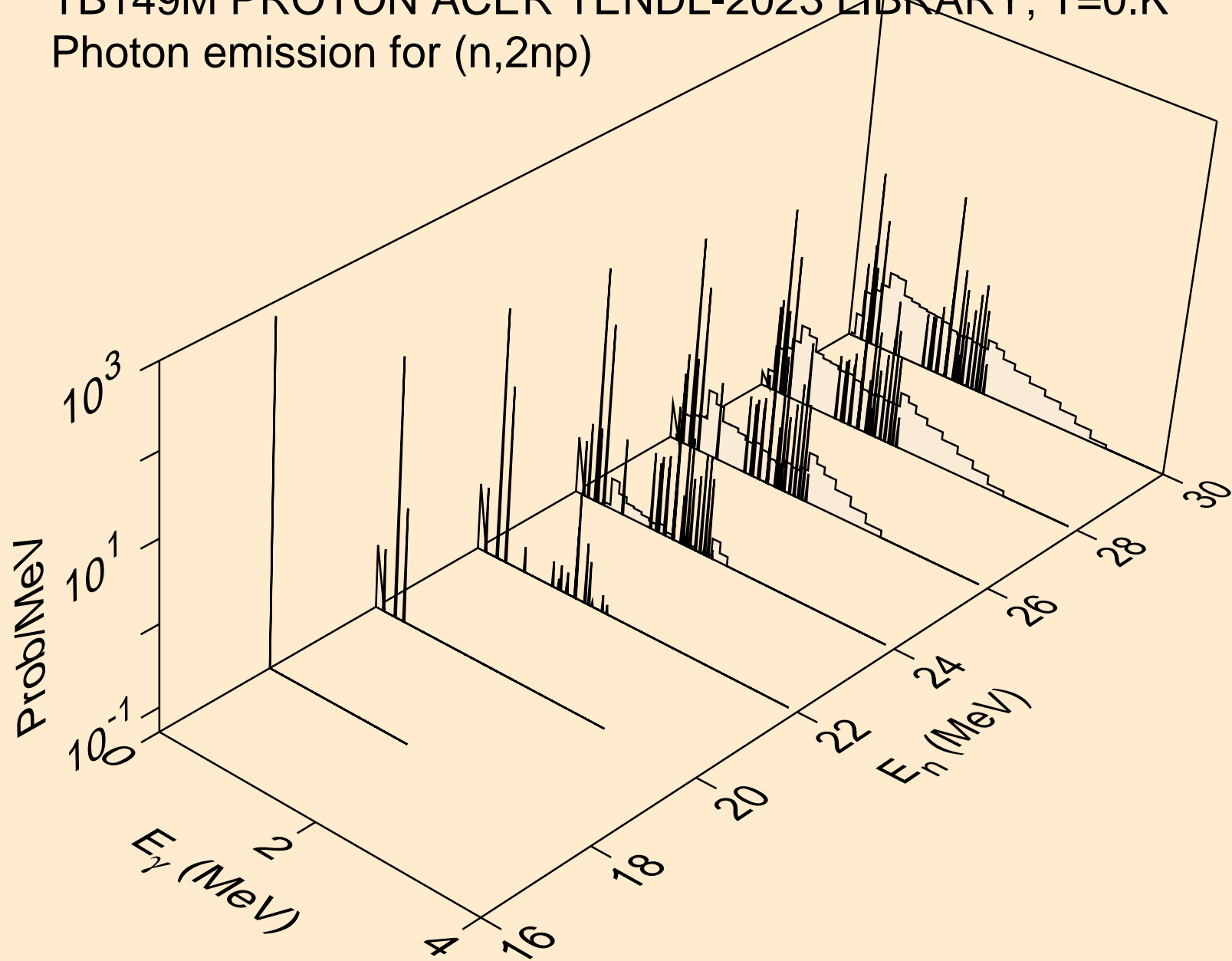
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



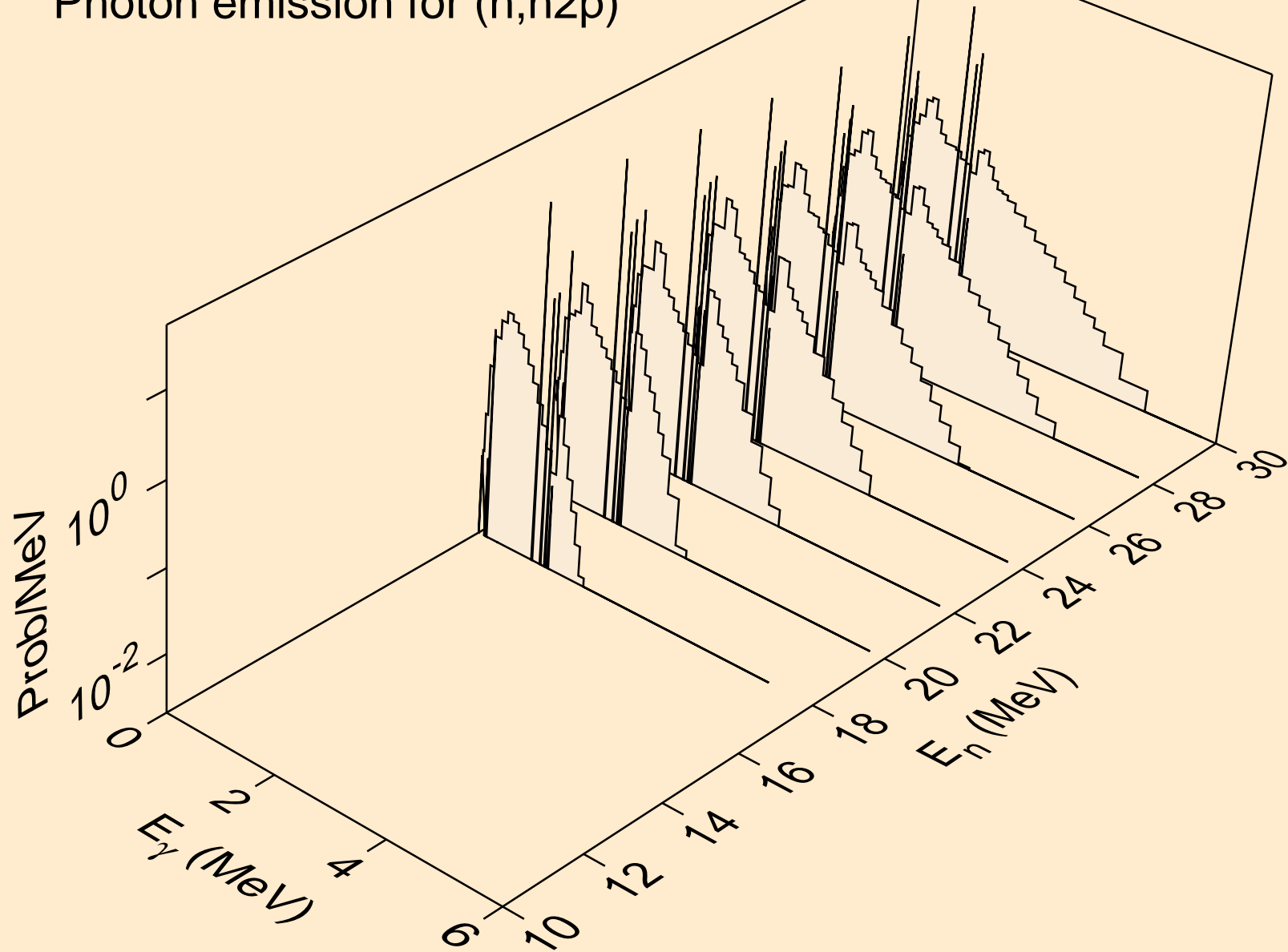
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

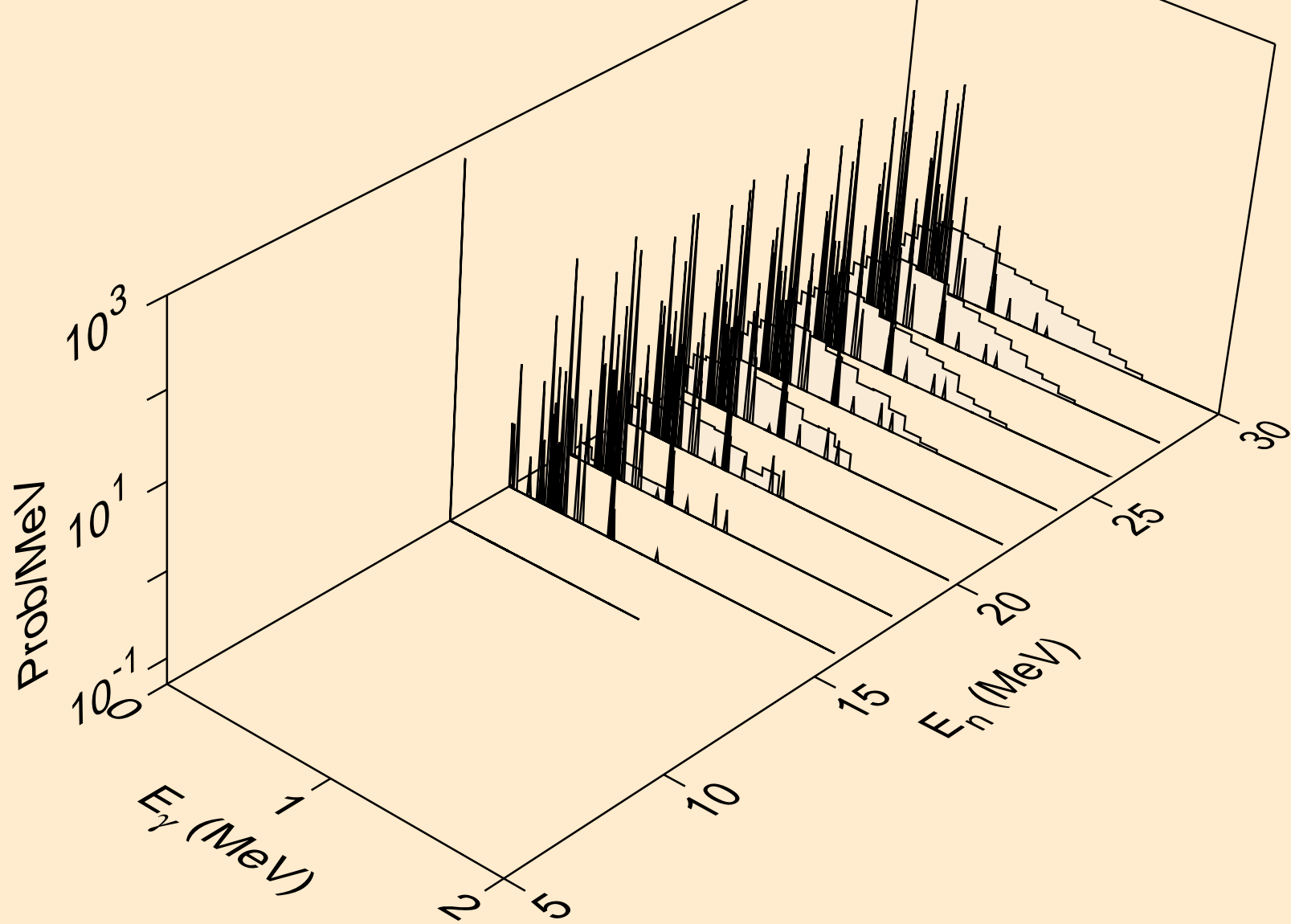


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Photon emission for (n,n2p)

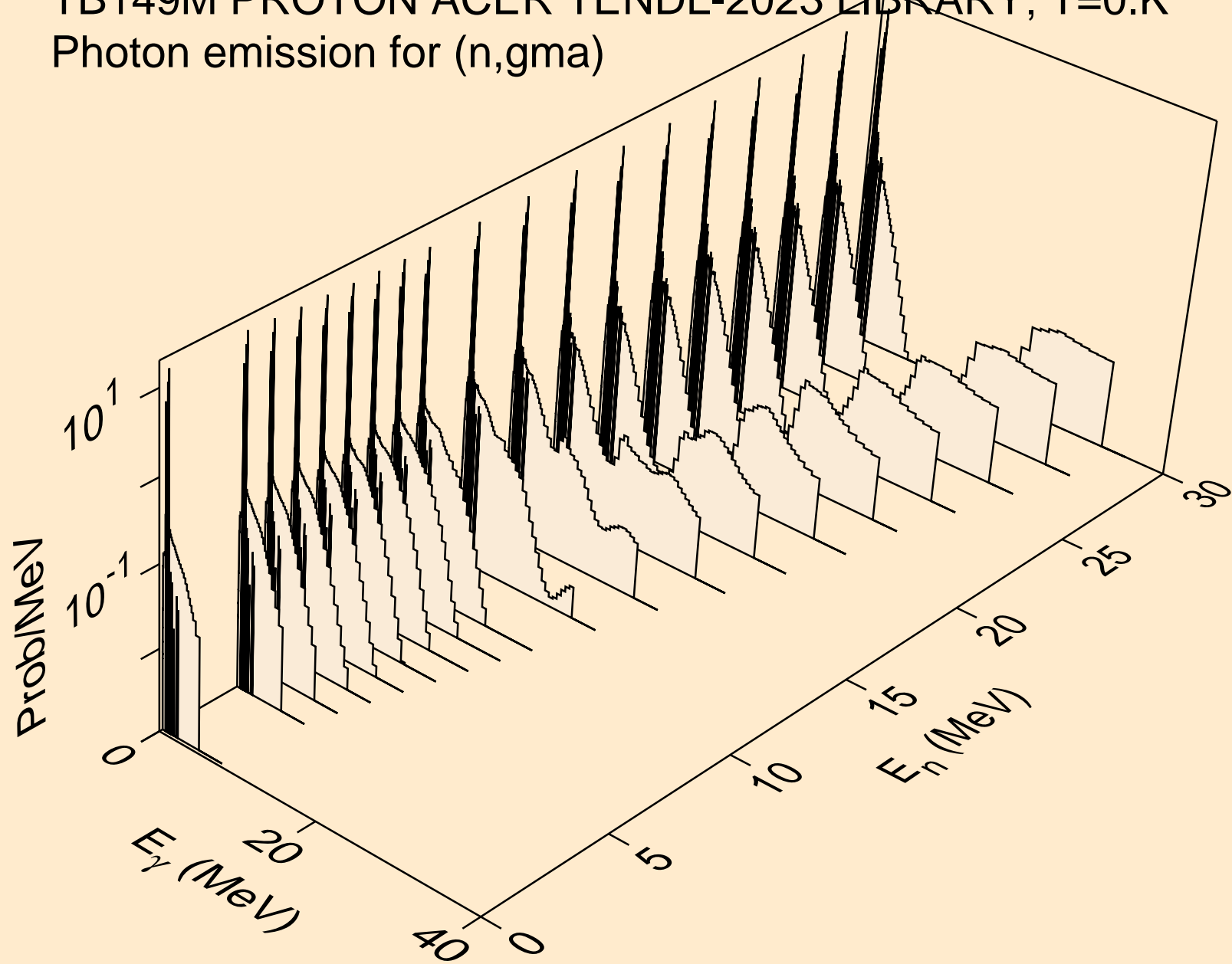




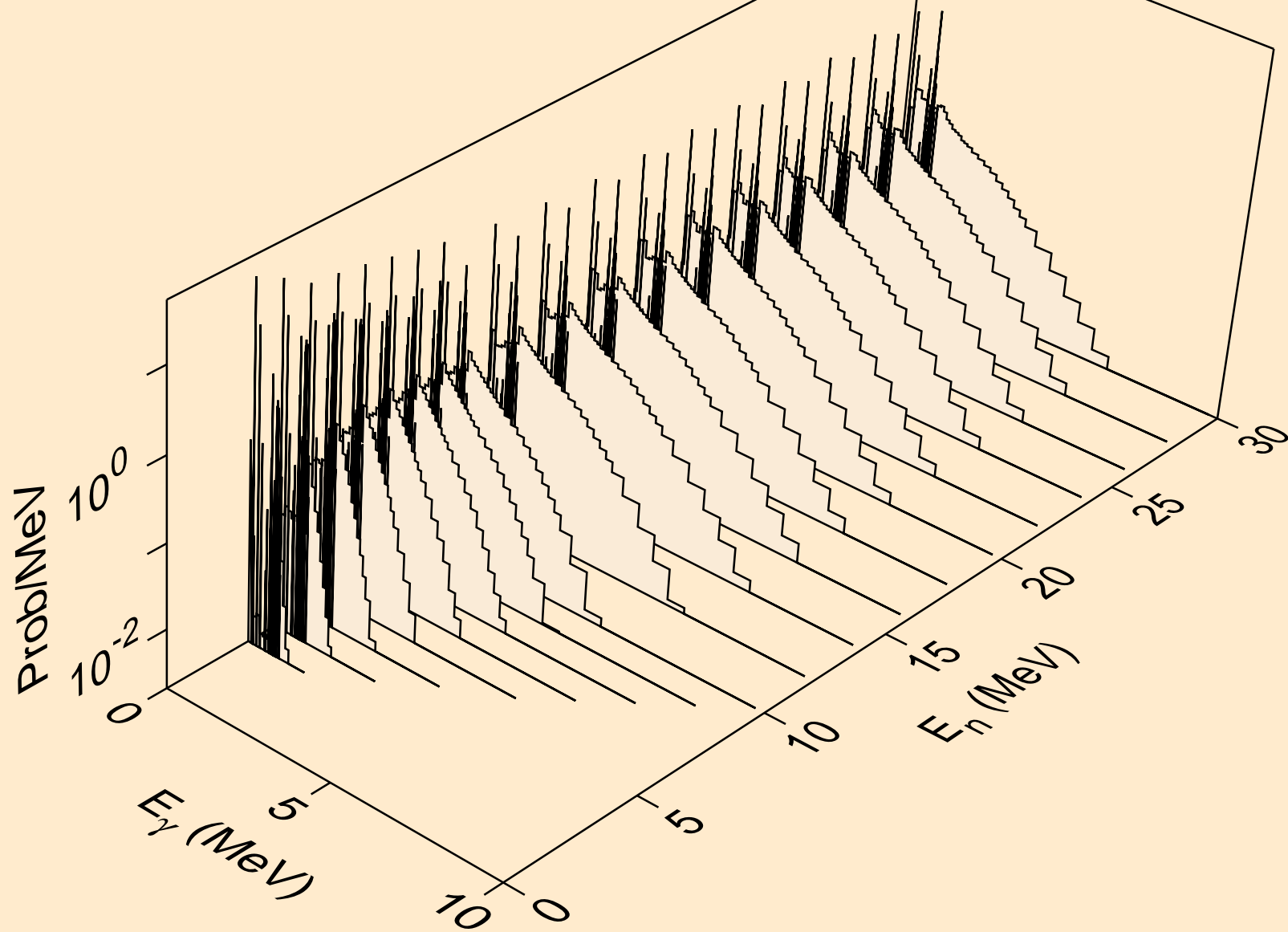
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Photon emission for (n,npa)



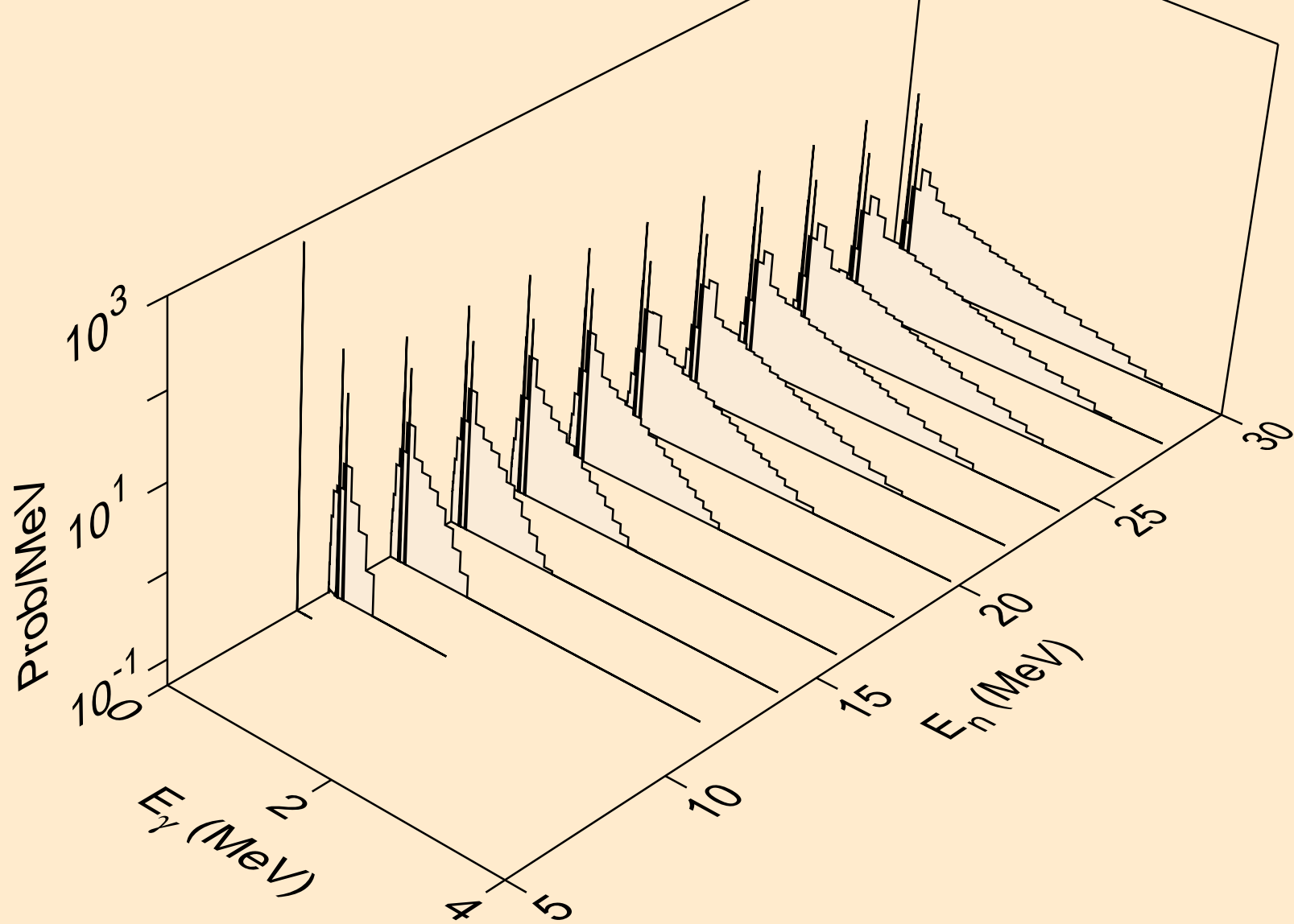
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Photon emission for (n,gma)



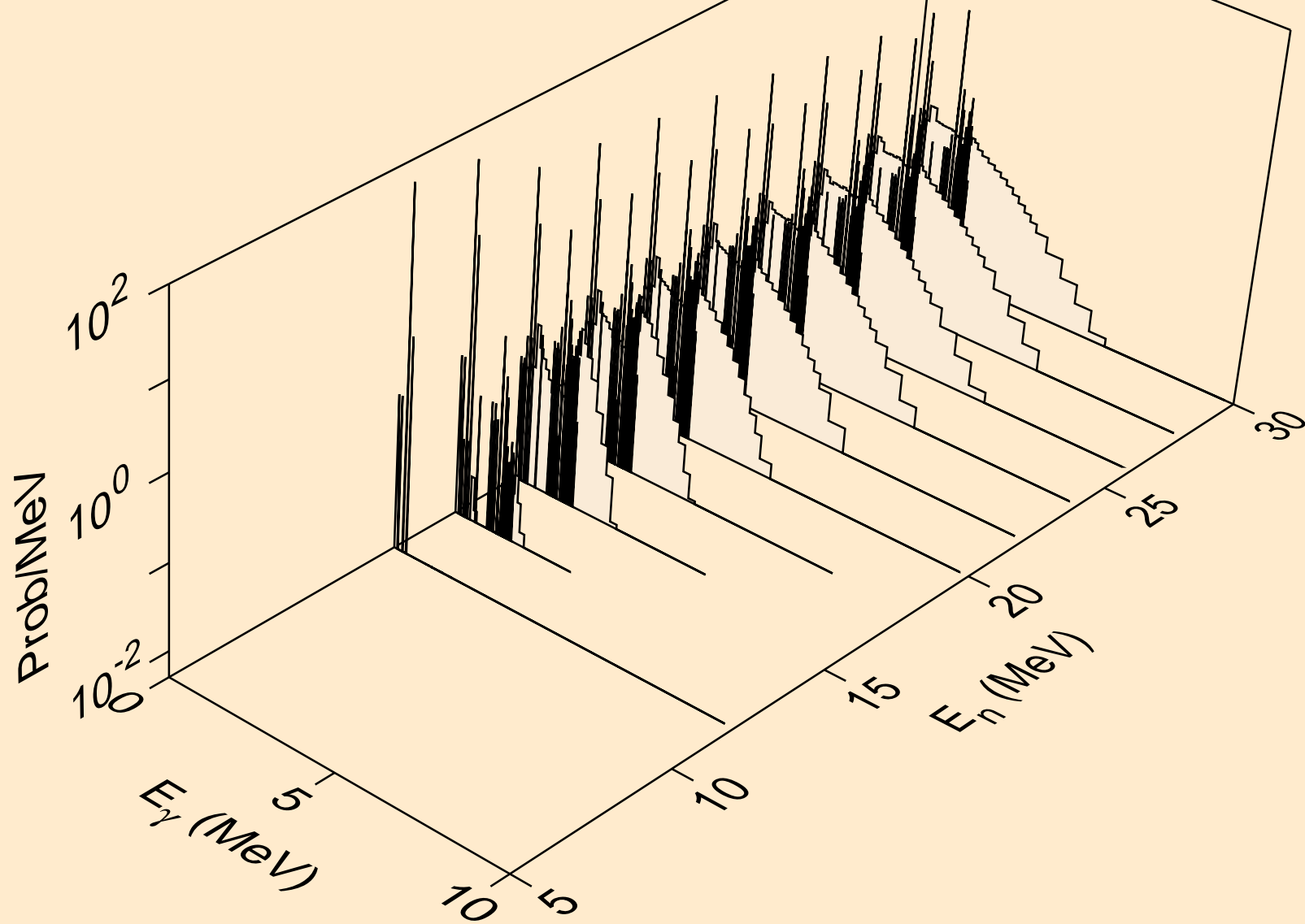
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



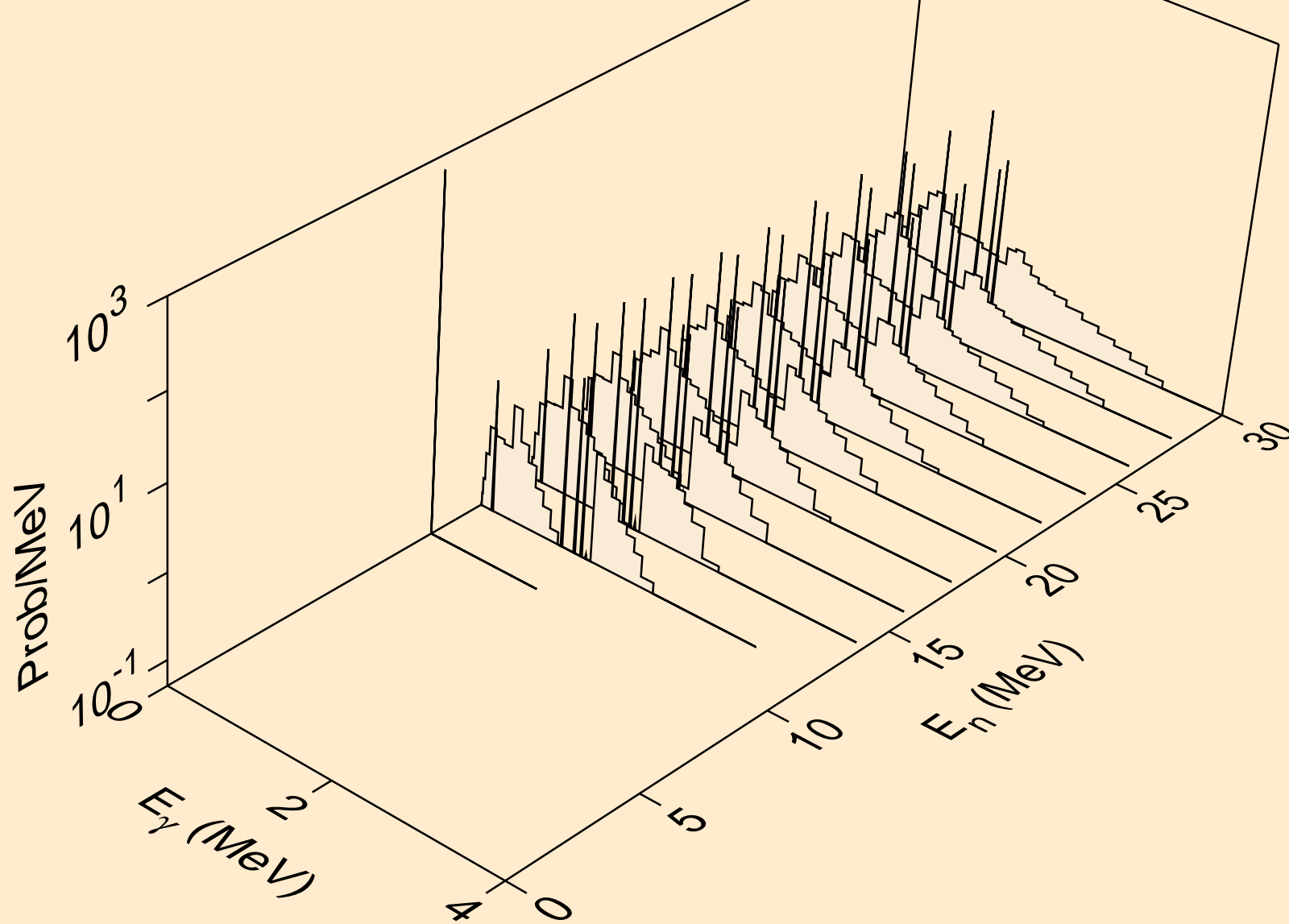
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Photon emission for (n,d)



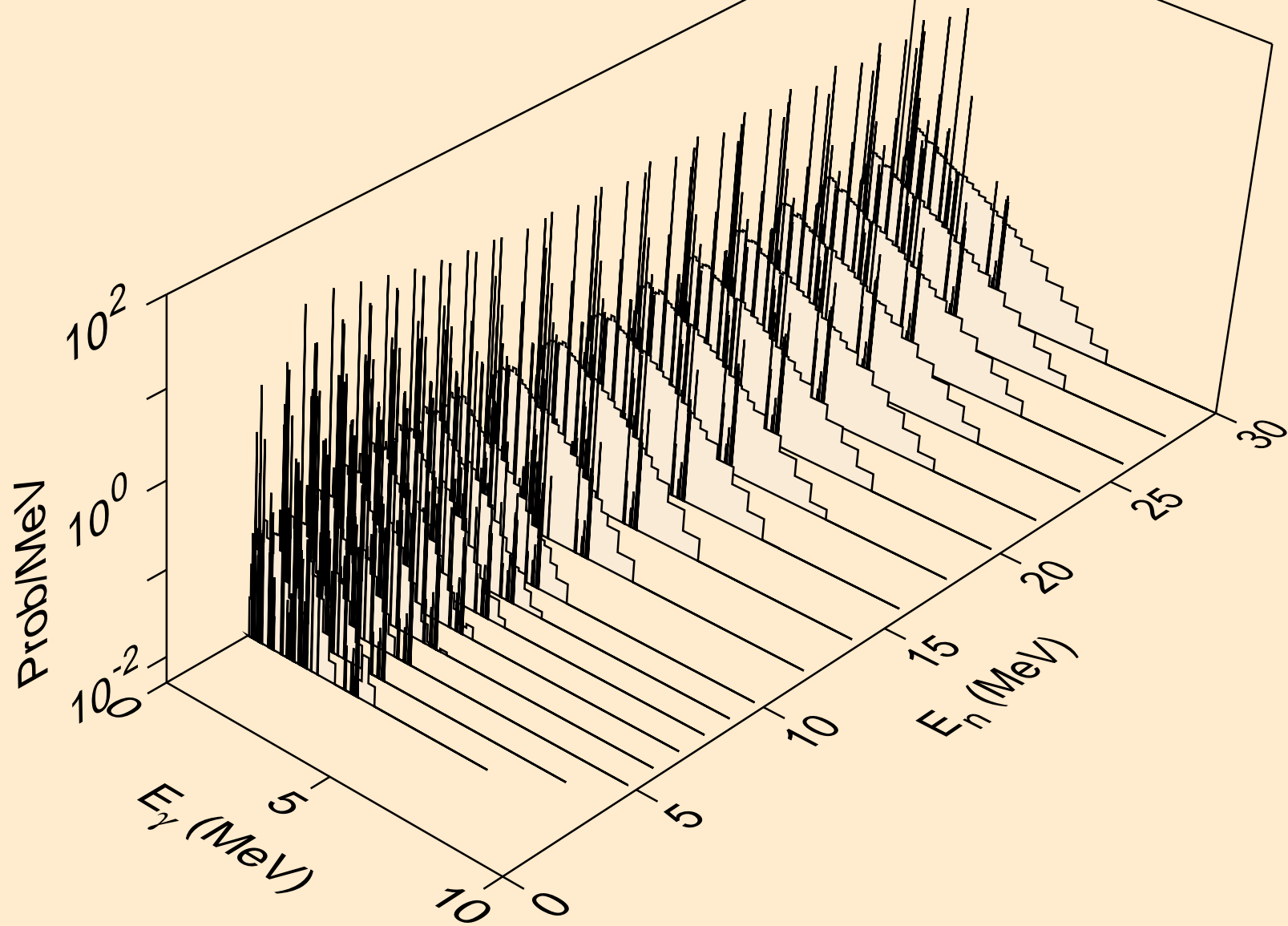
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Photon emission for (n,t)



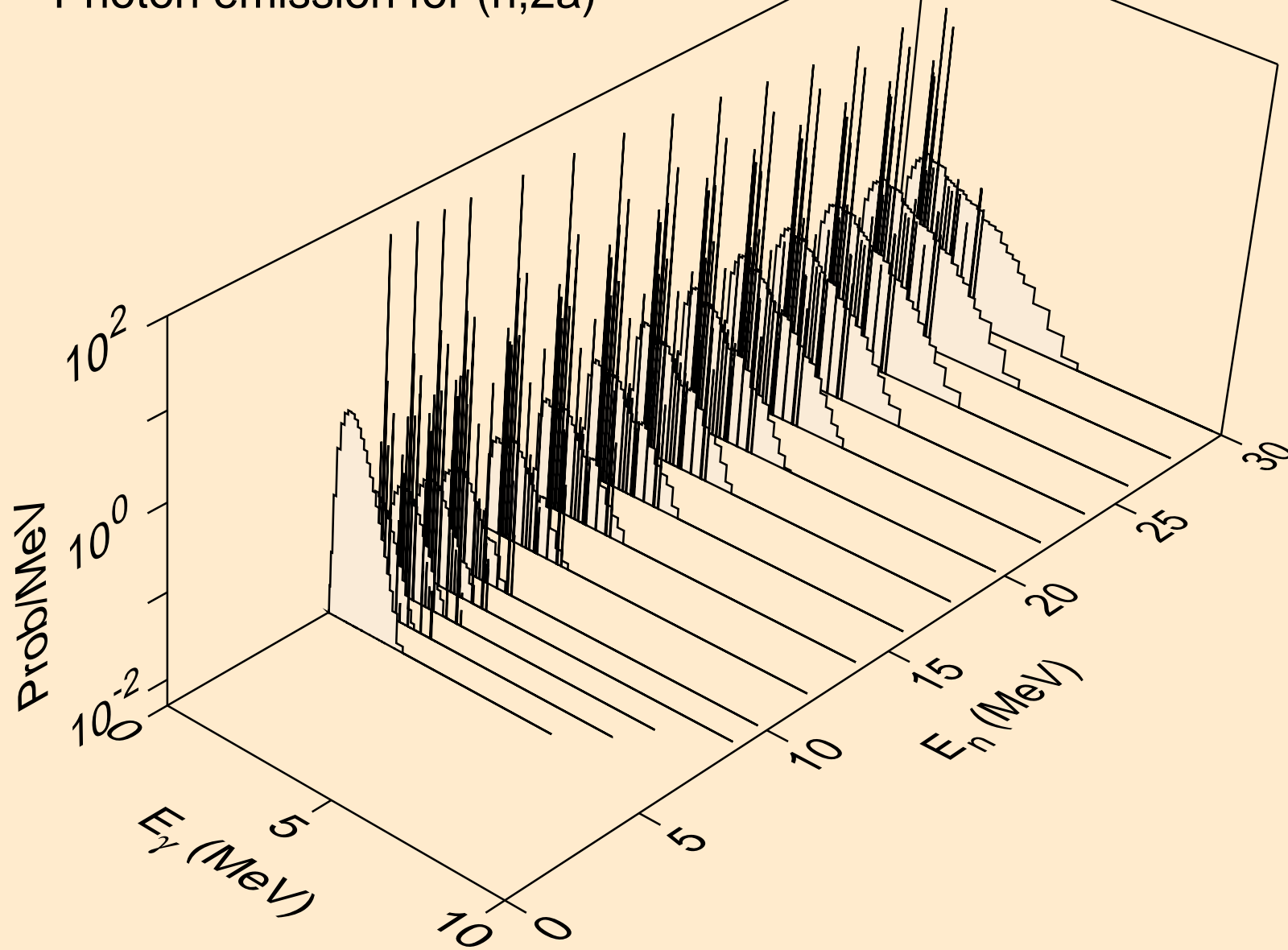
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

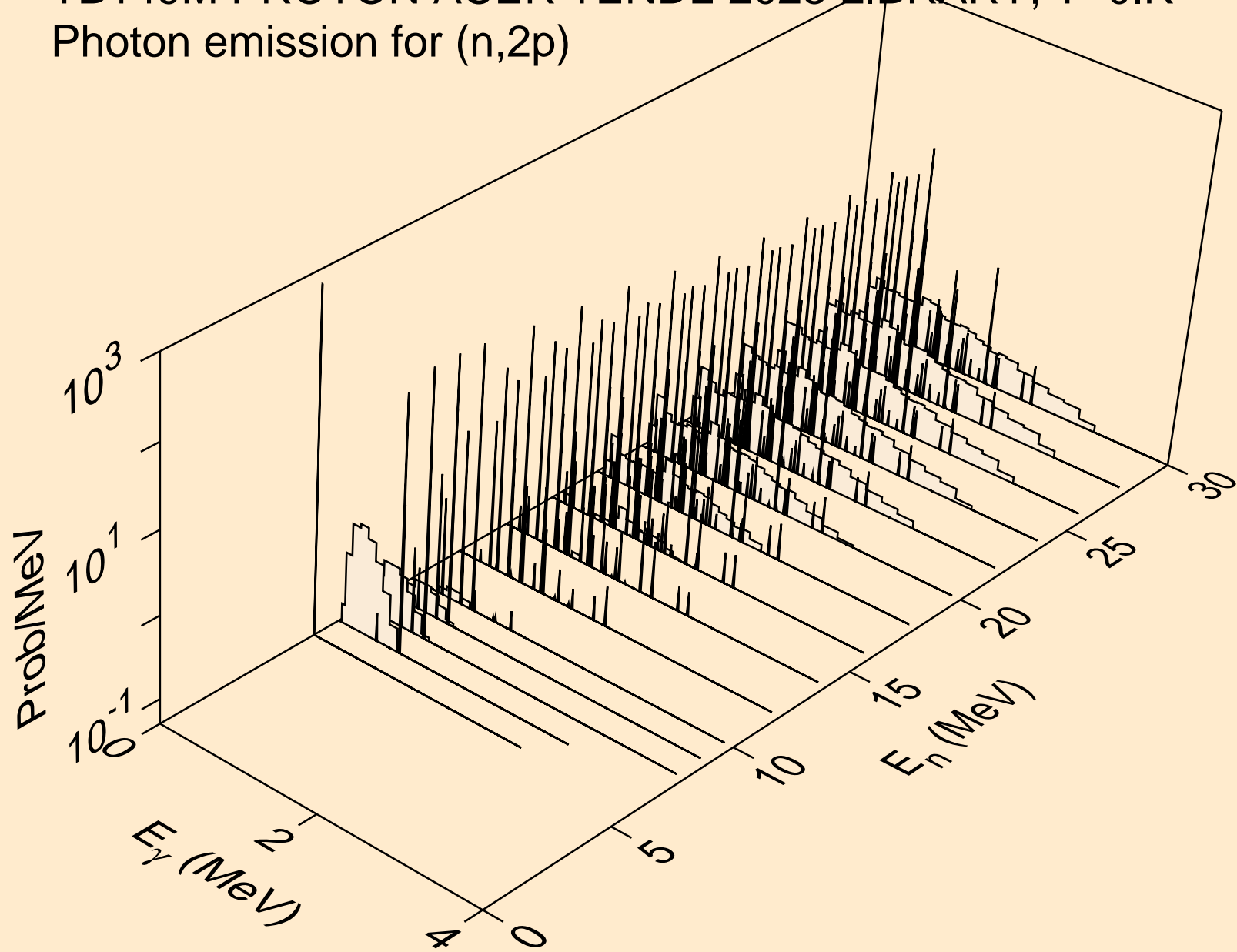


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

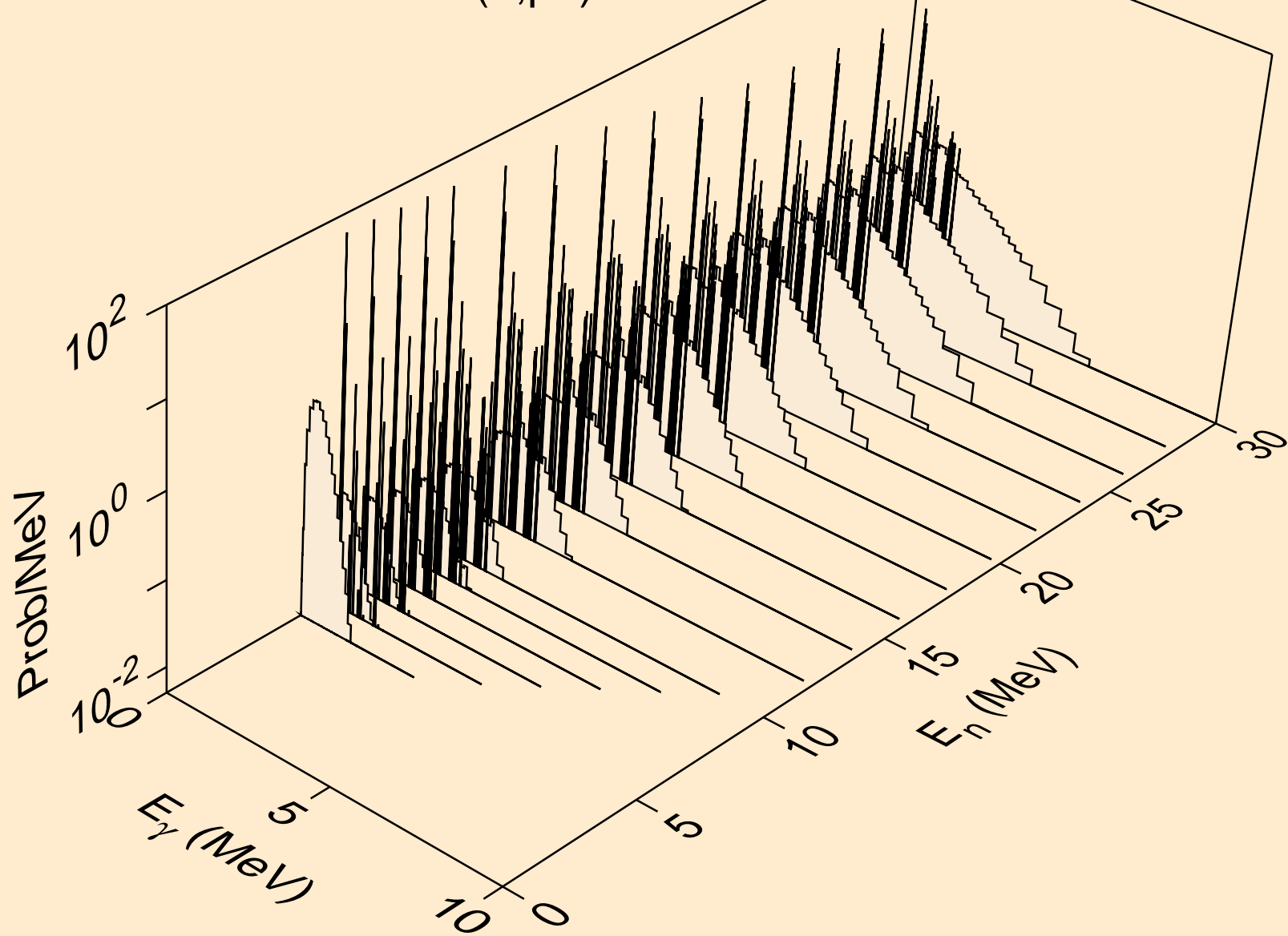




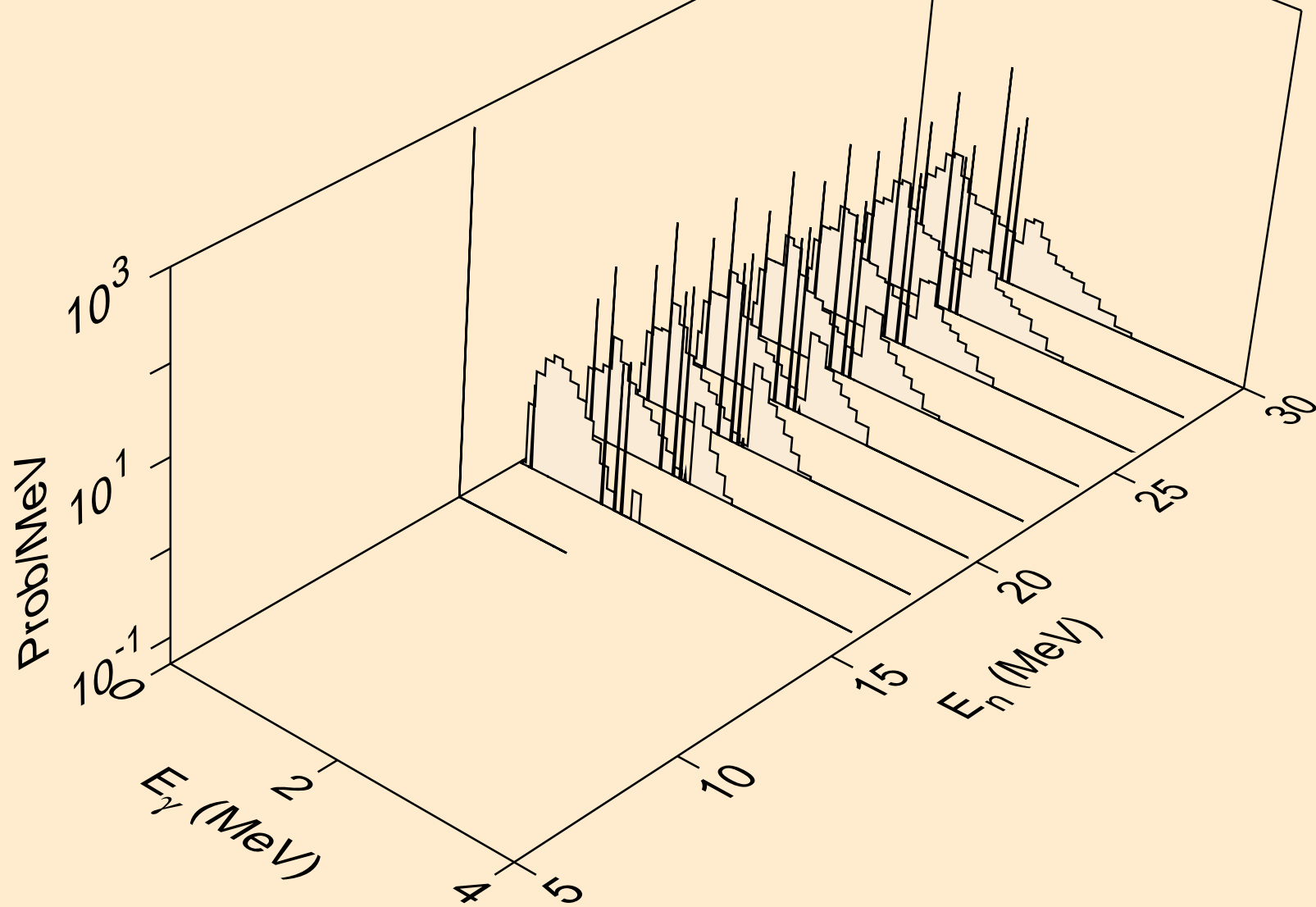
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Photon emission for (n,2p)



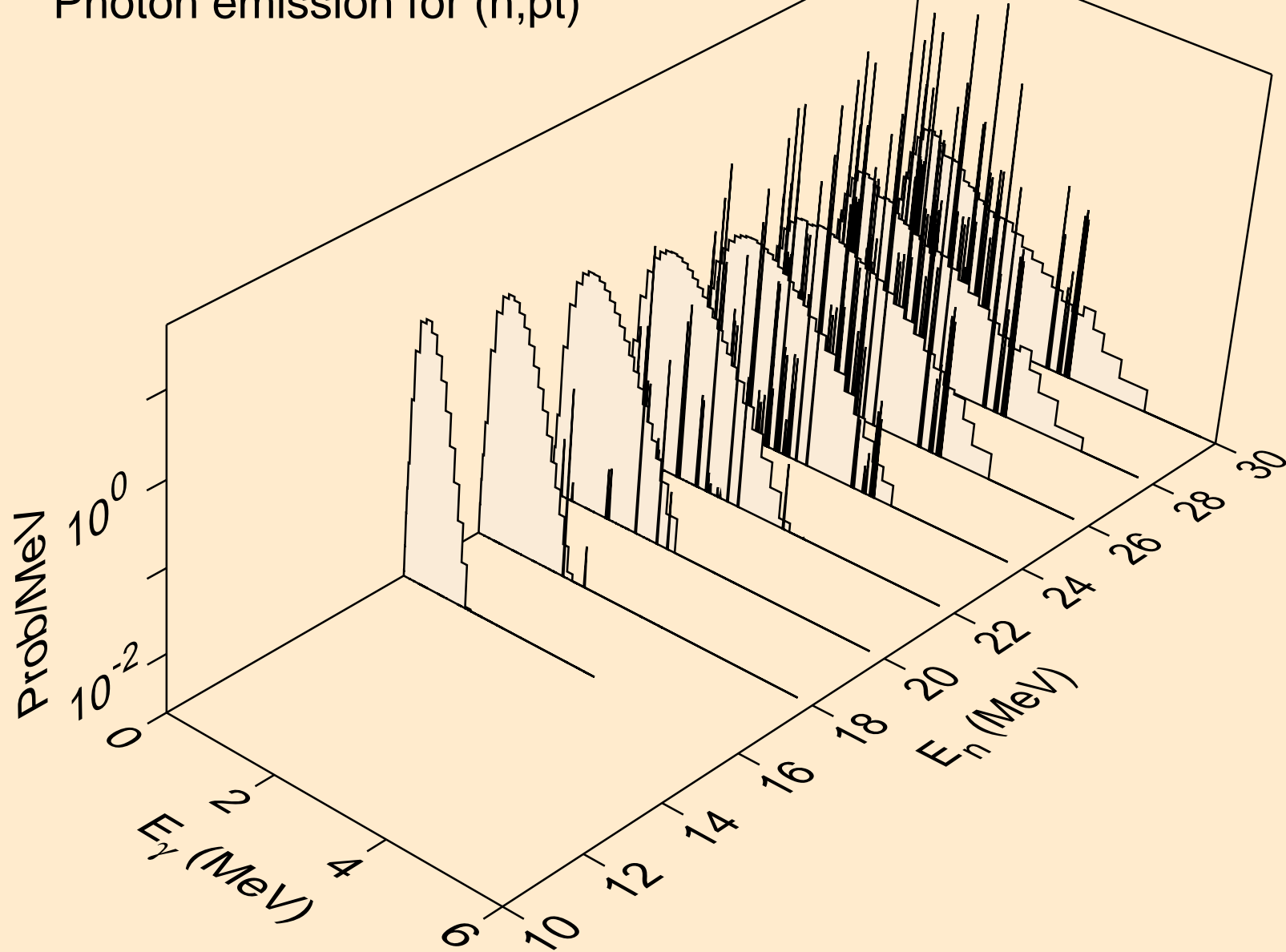
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Photon emission for (n,pa)



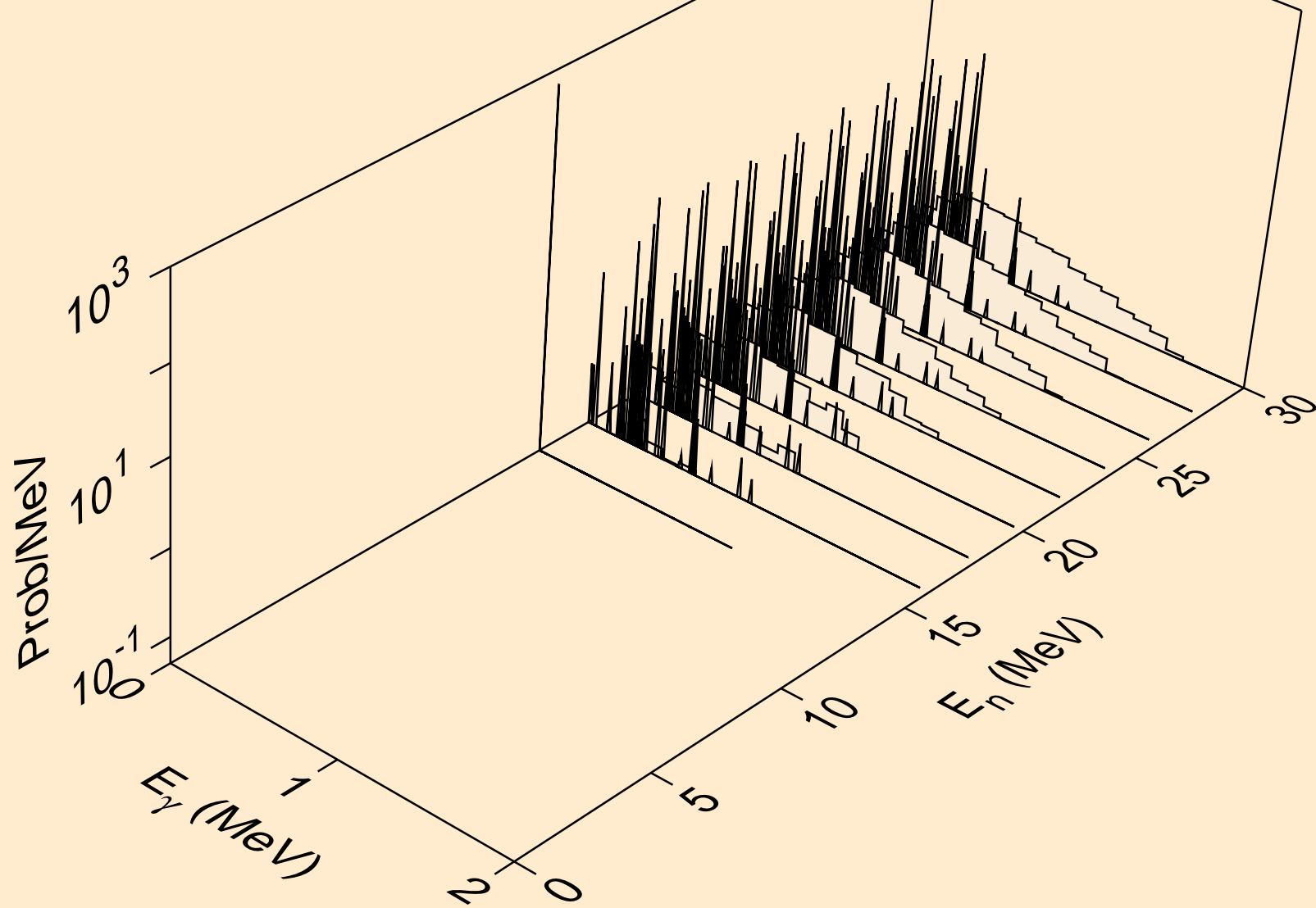
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

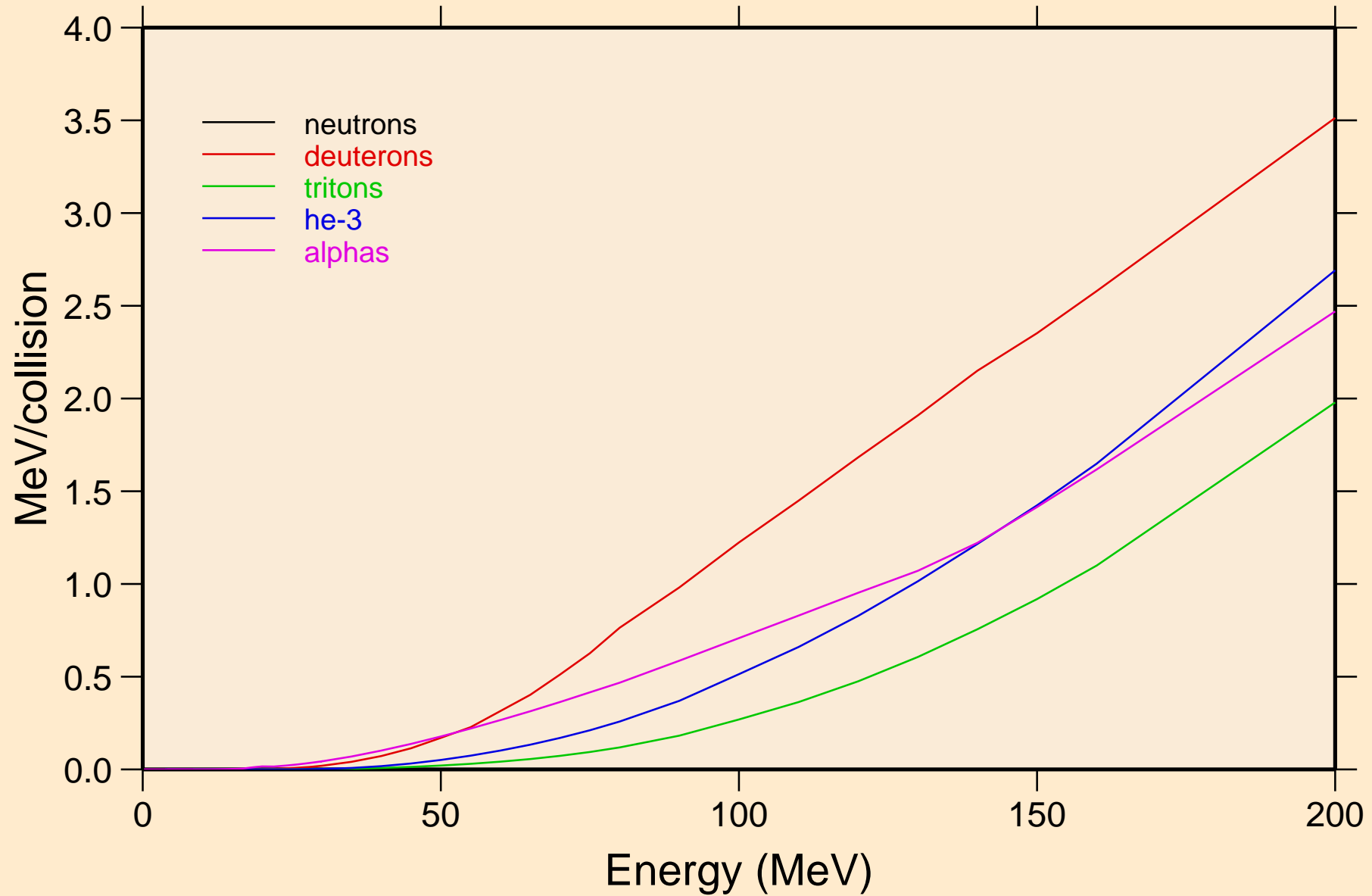


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Photon emission for (n,da)

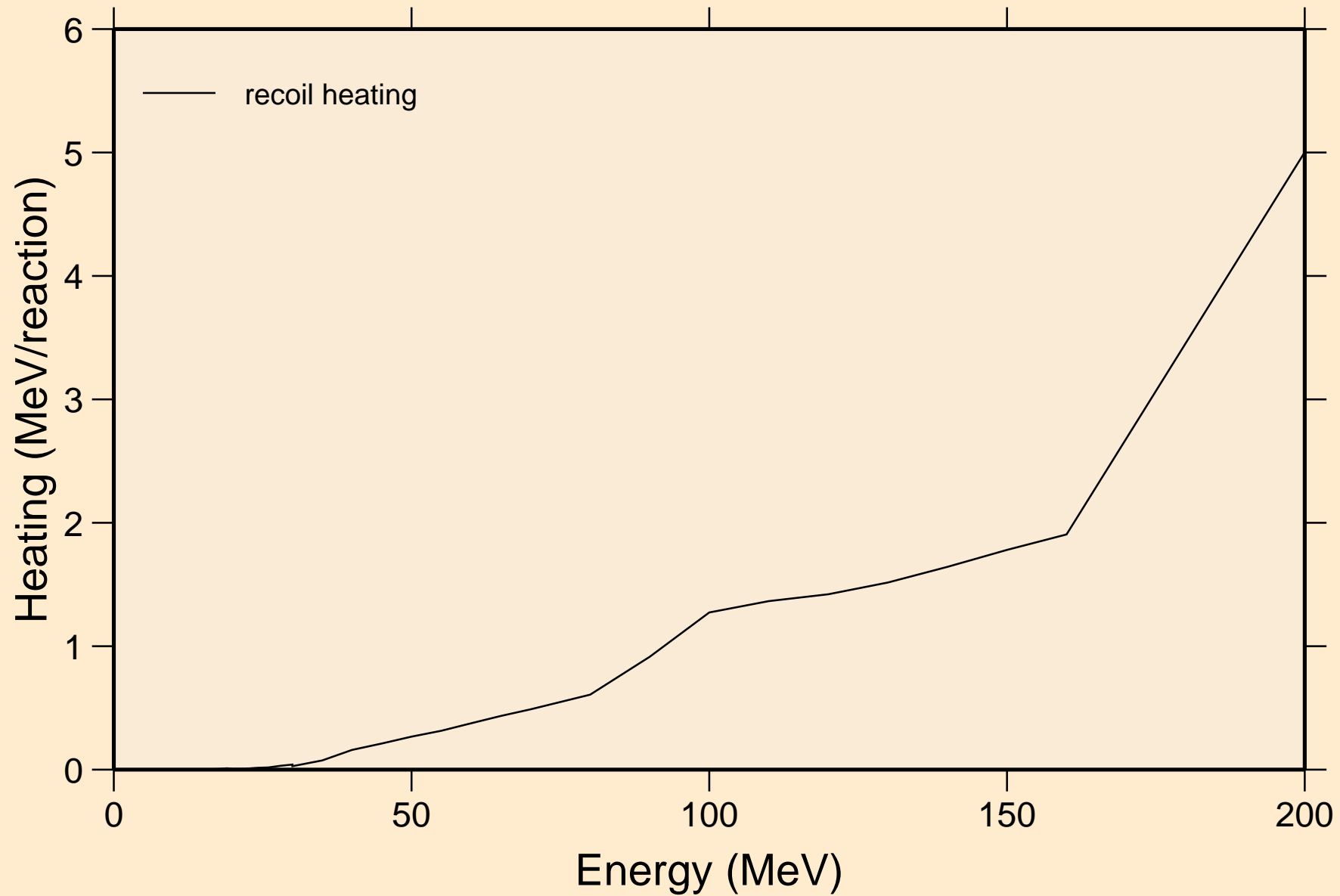


# TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K

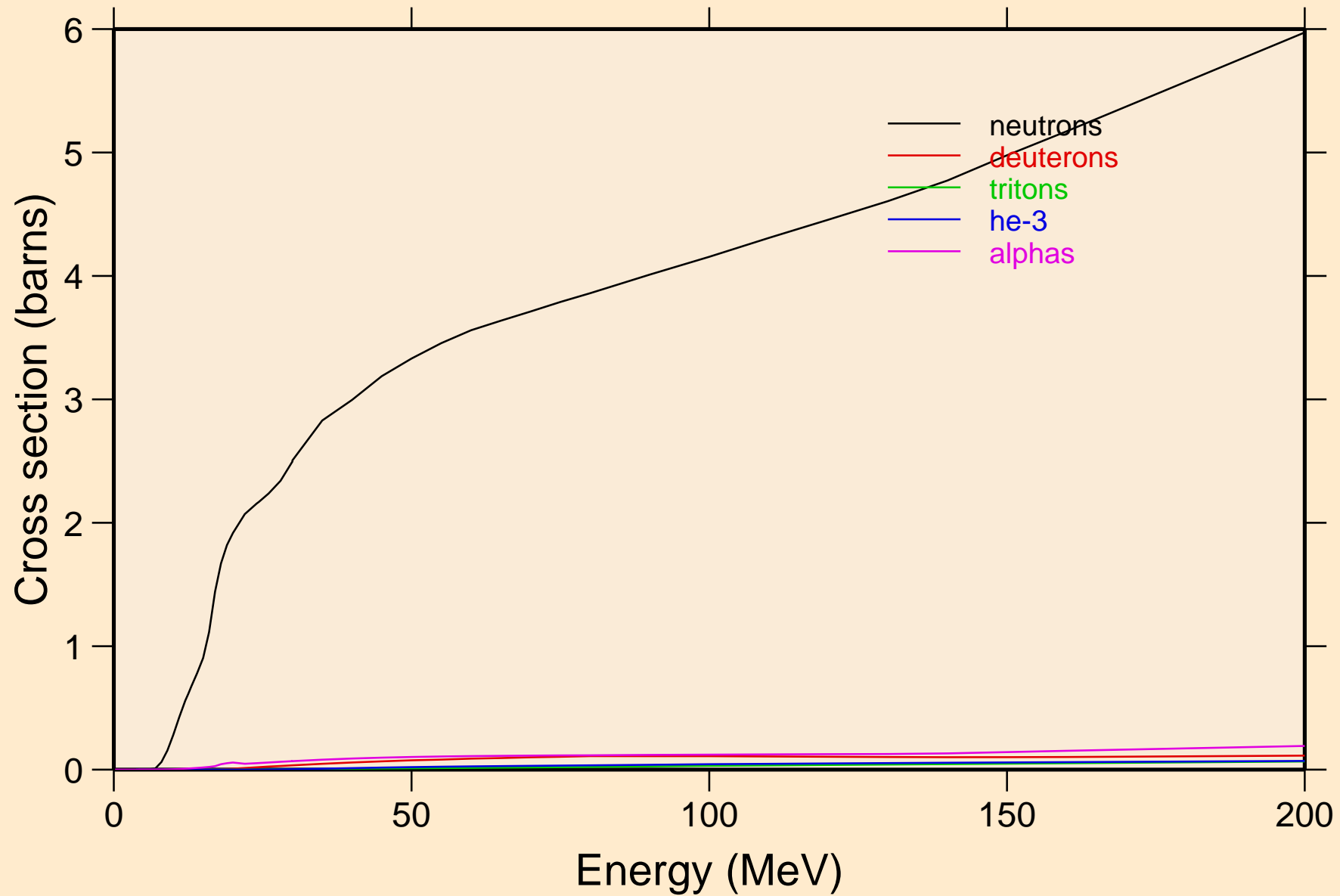
## Particle heating contributions



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

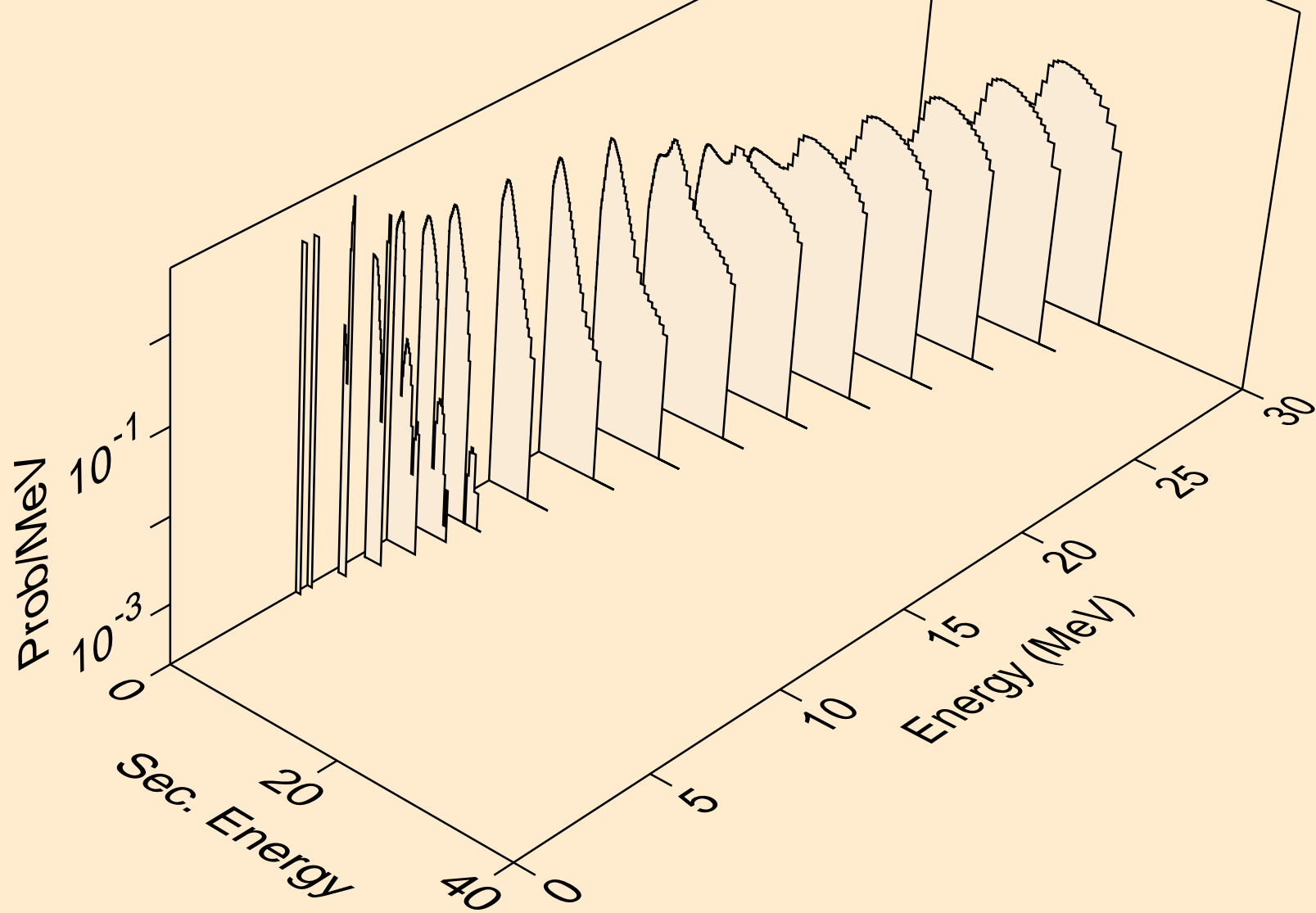


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

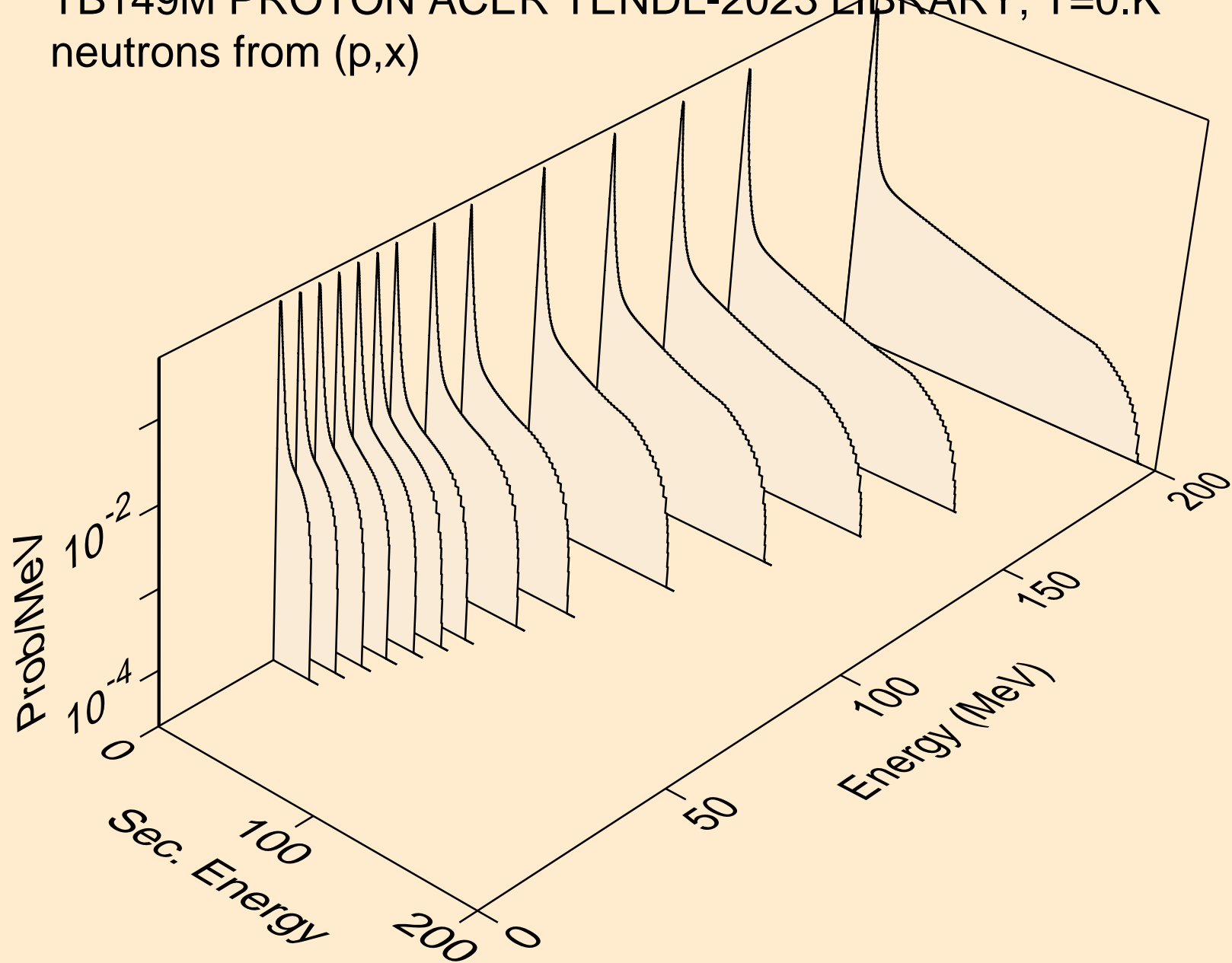




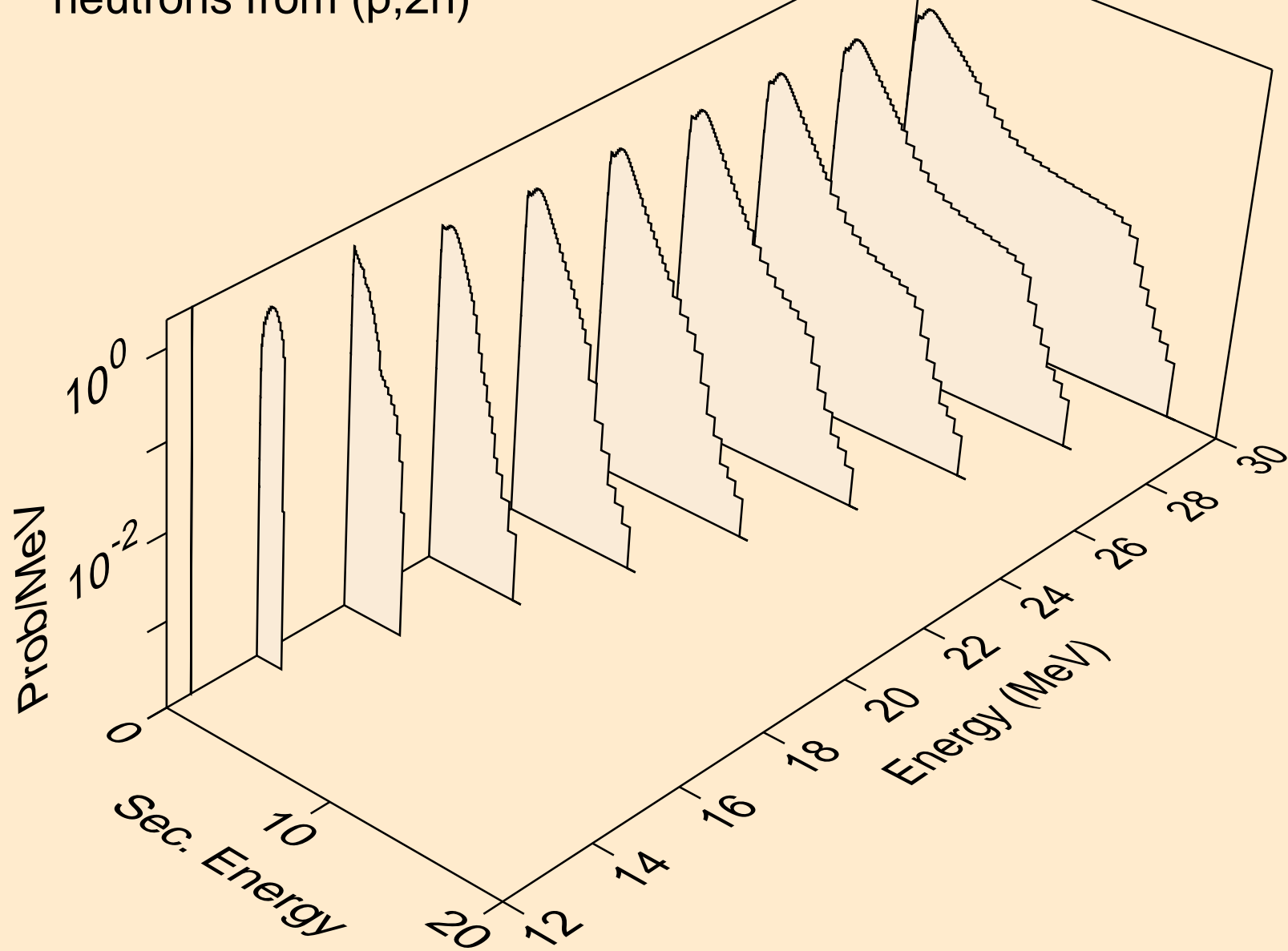
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



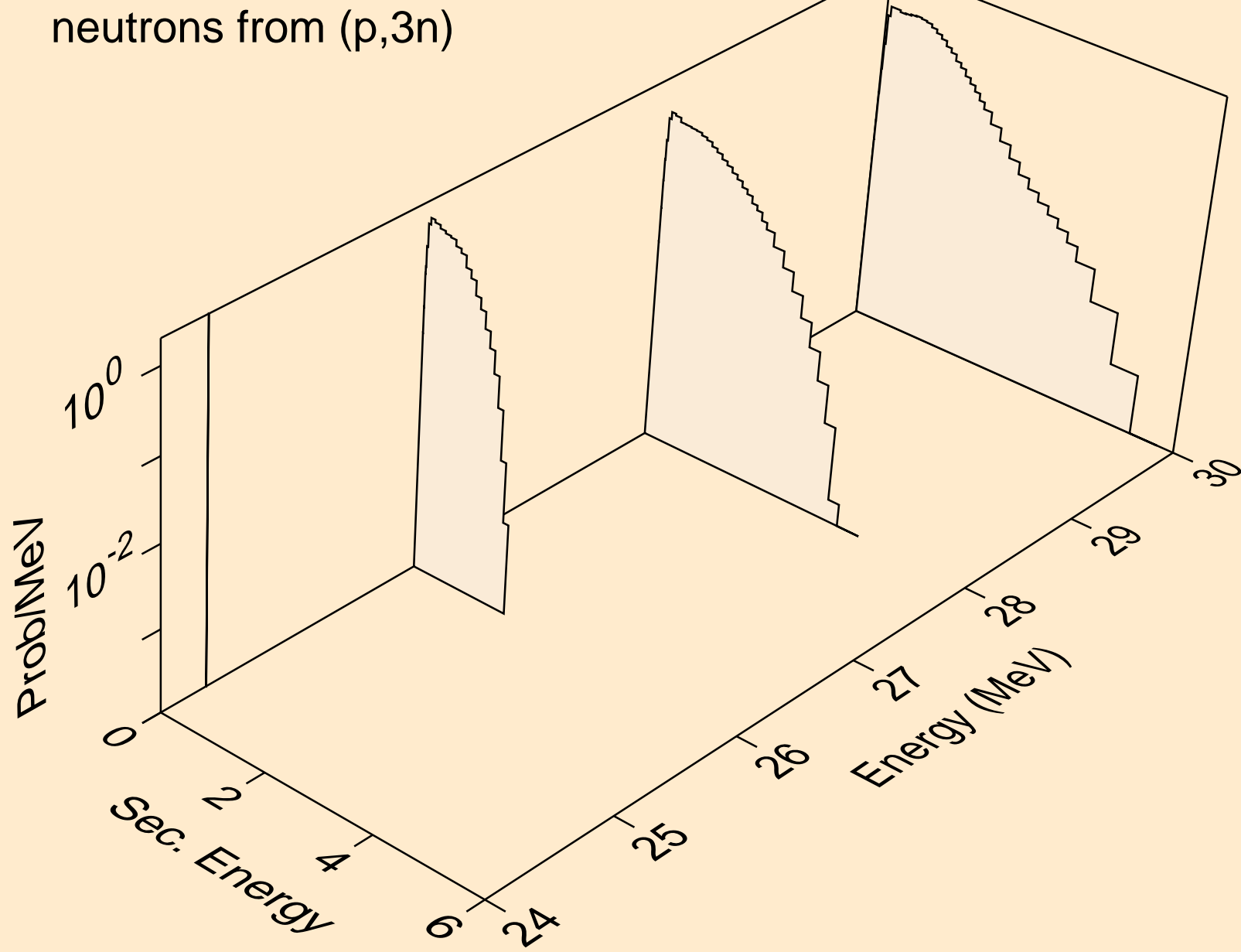
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



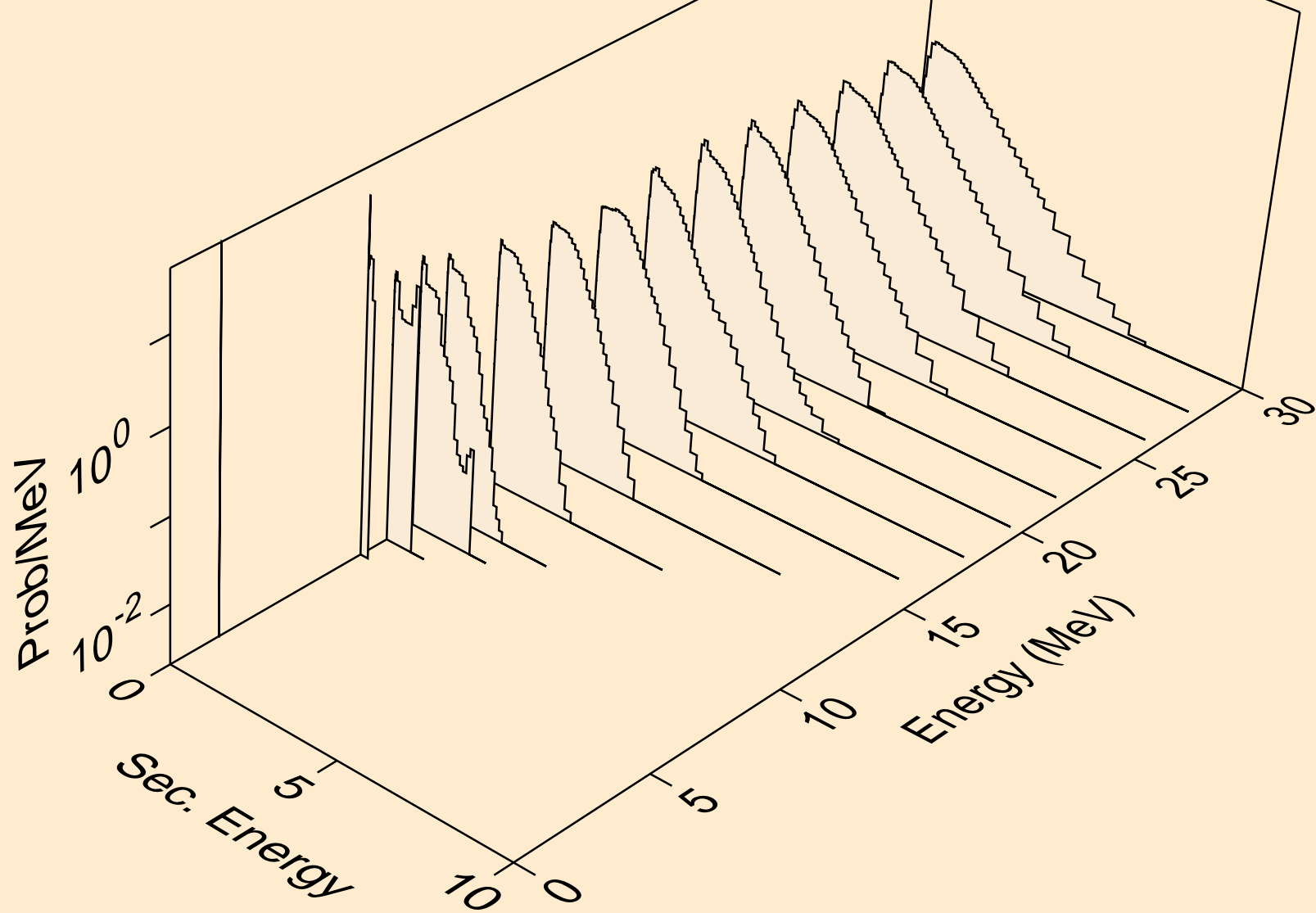
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neutrons from (p,2n)



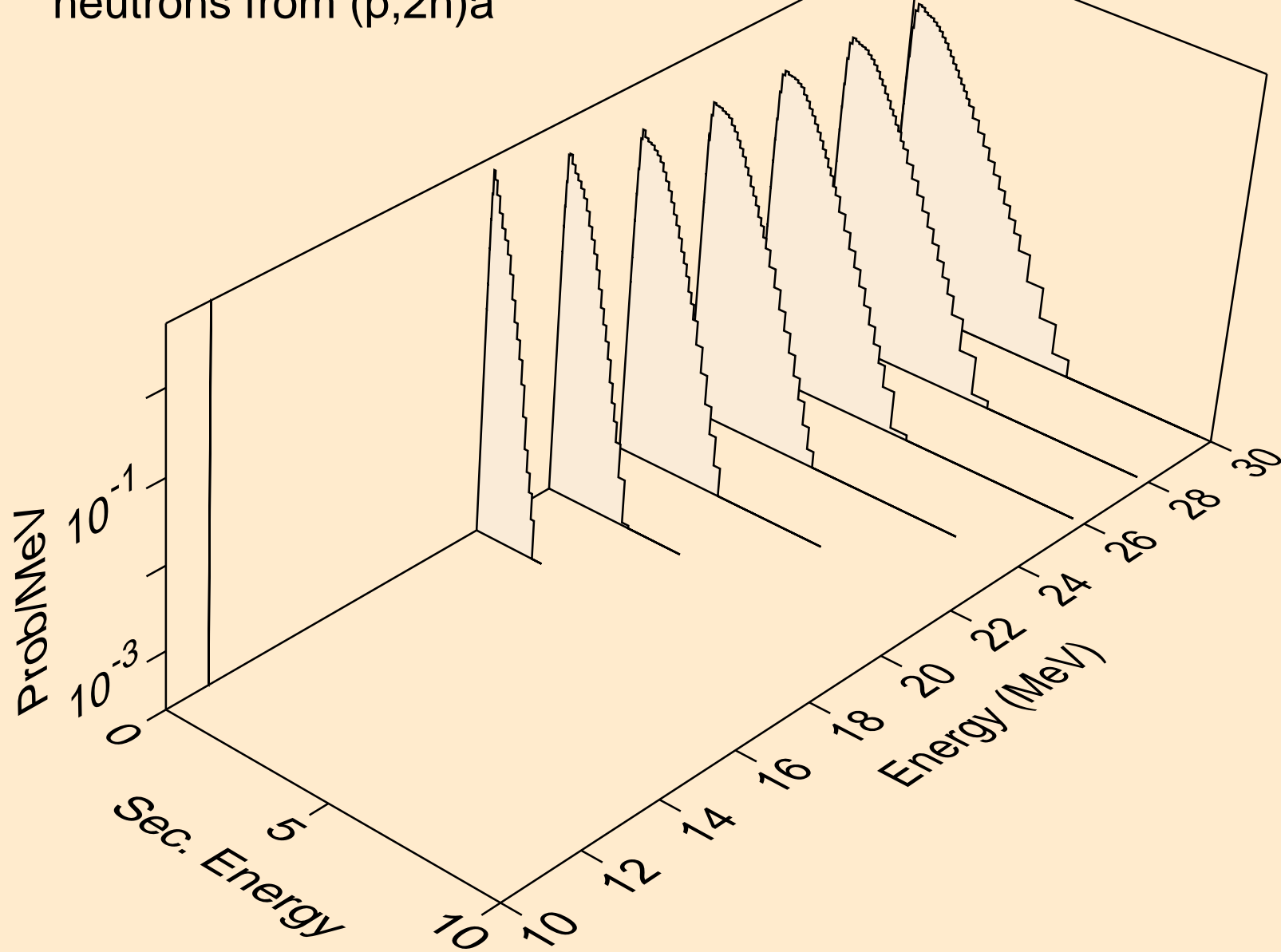
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



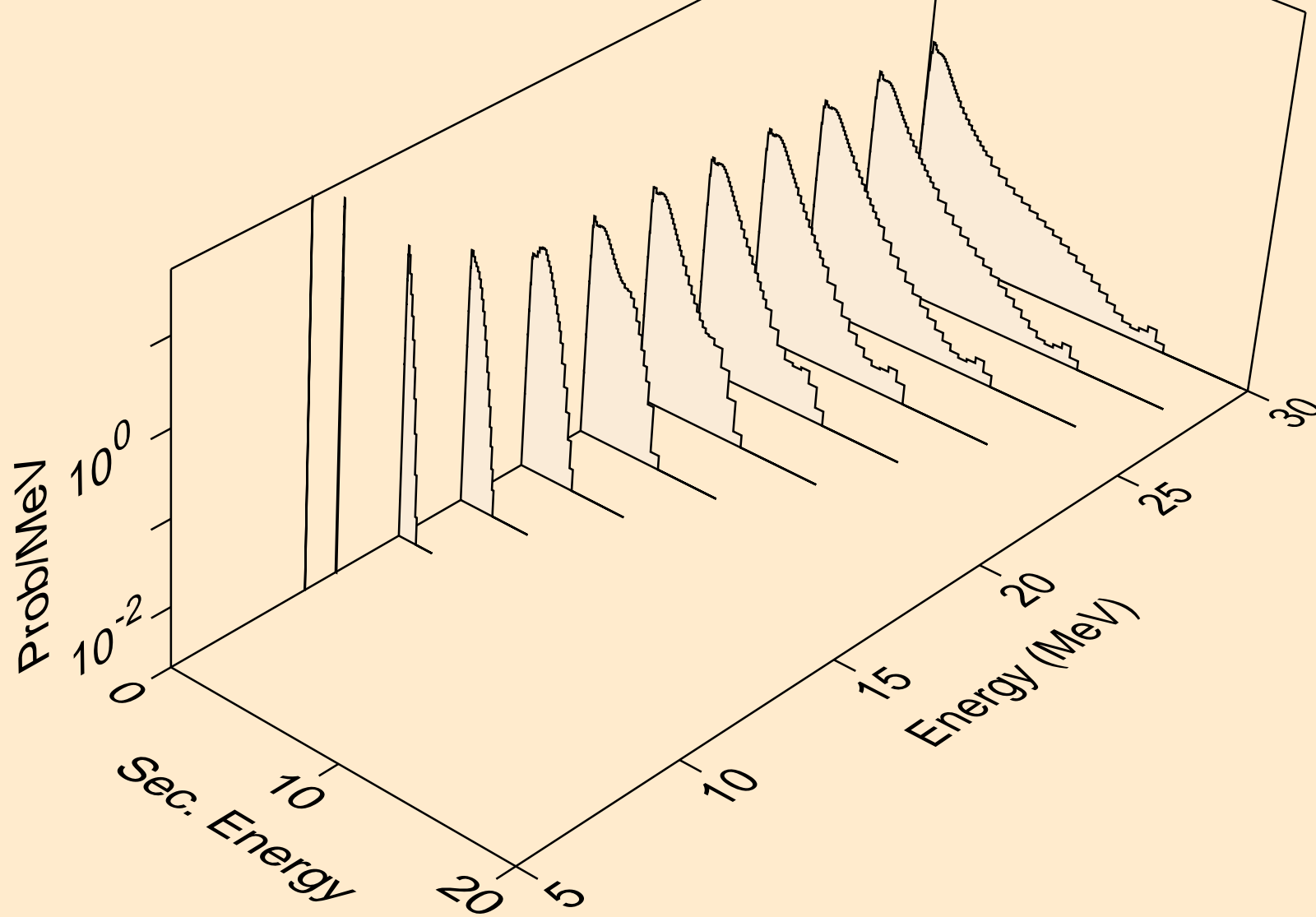
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



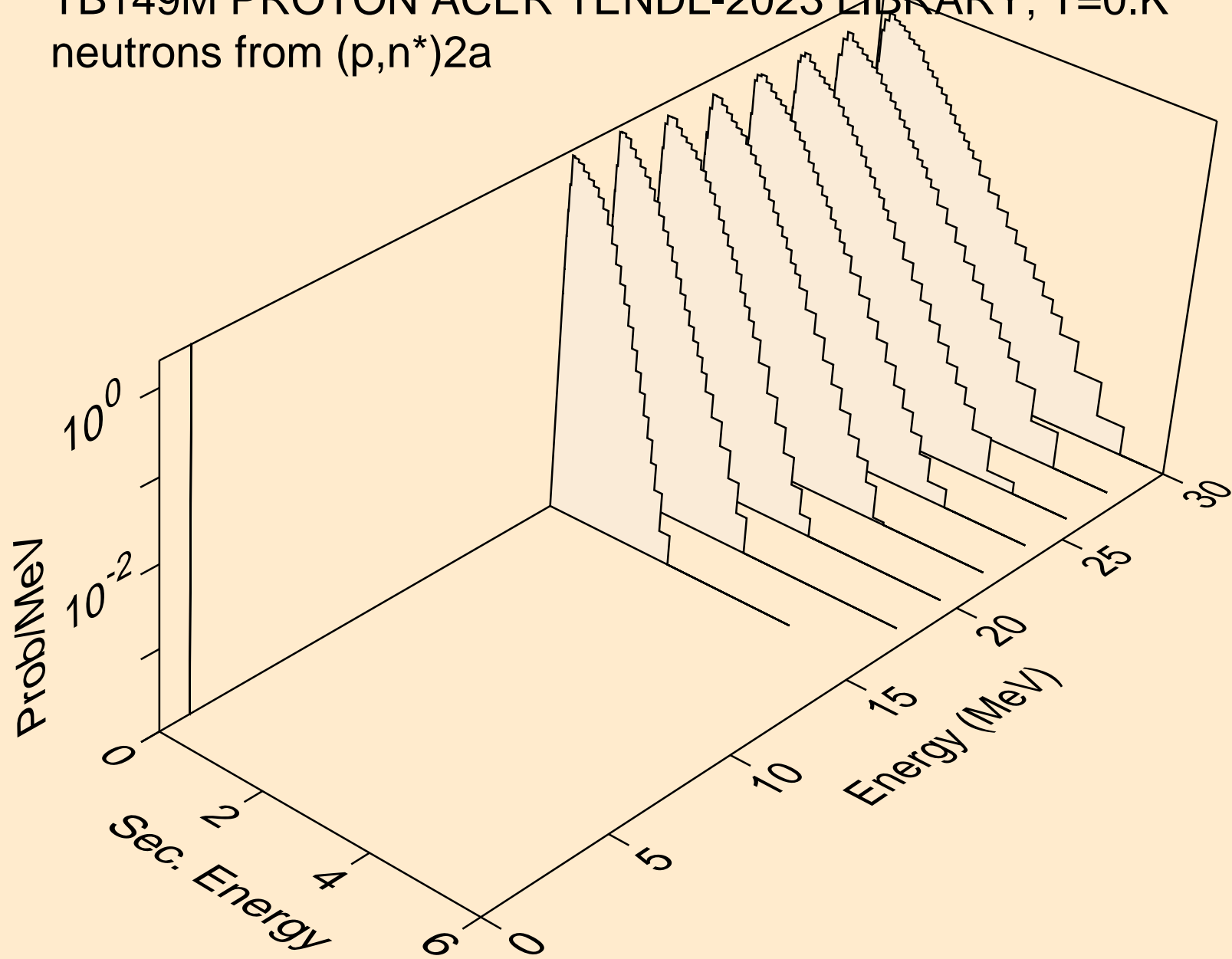
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

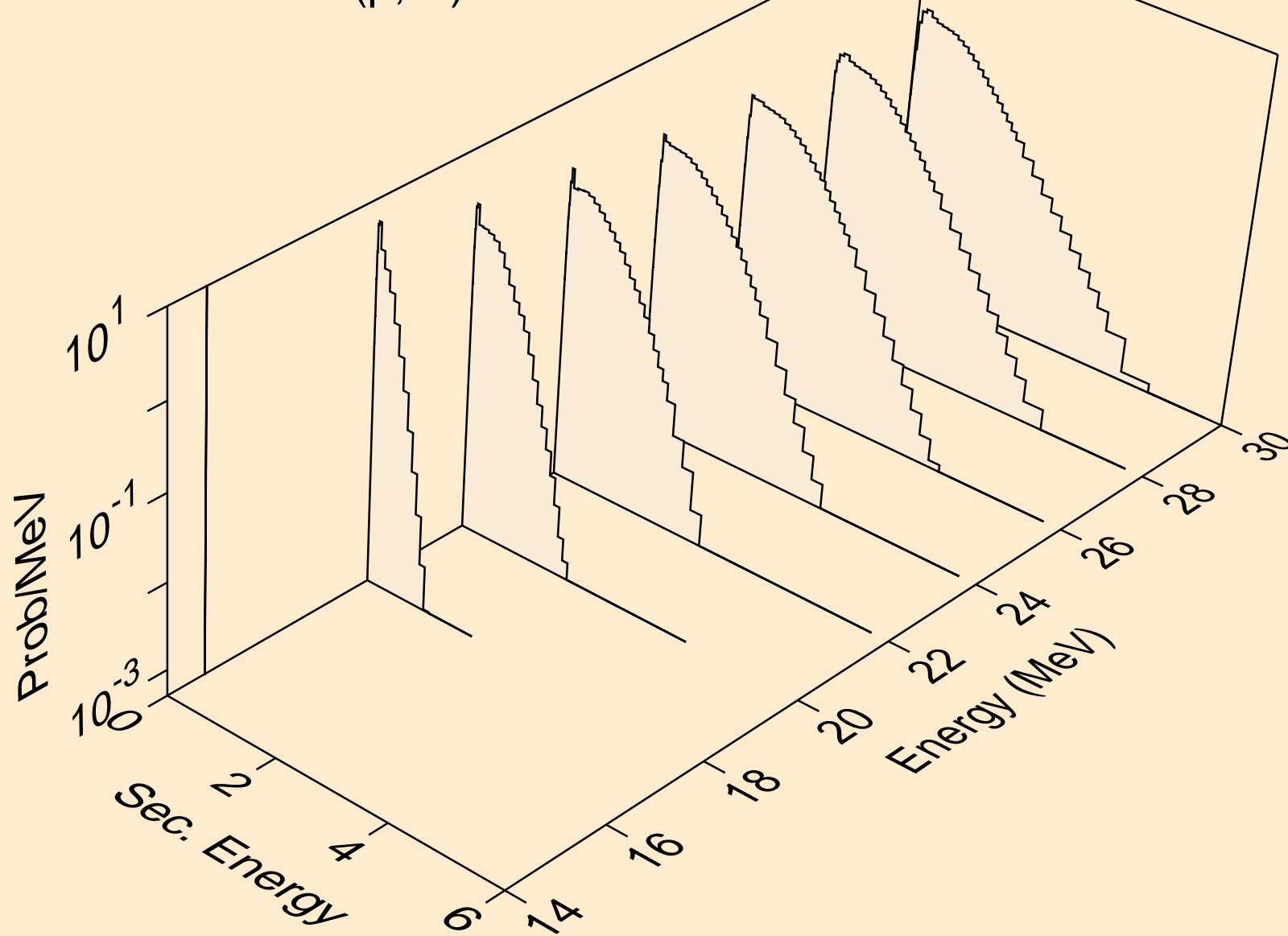


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neutrons from (p,n\*)2a

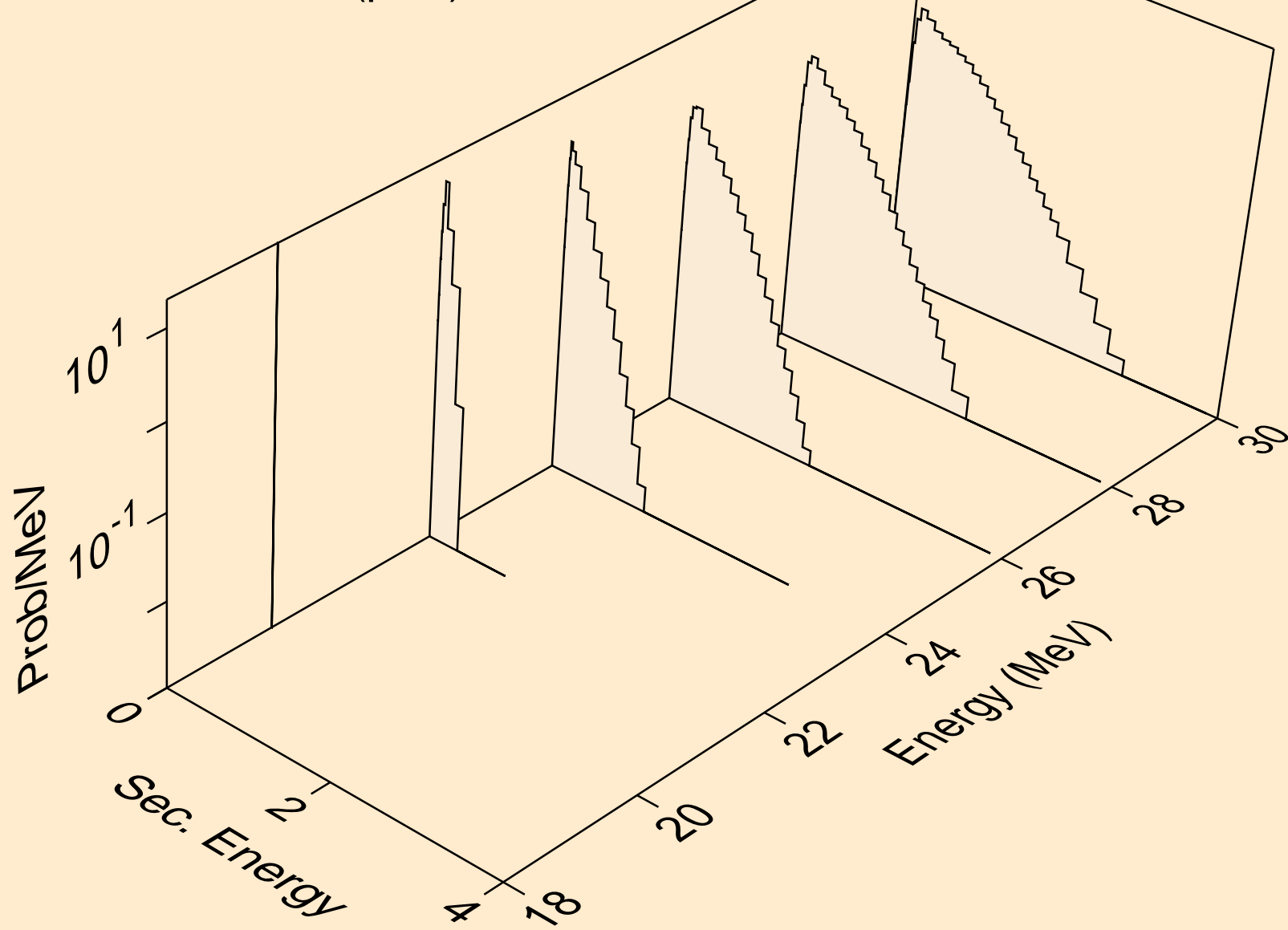




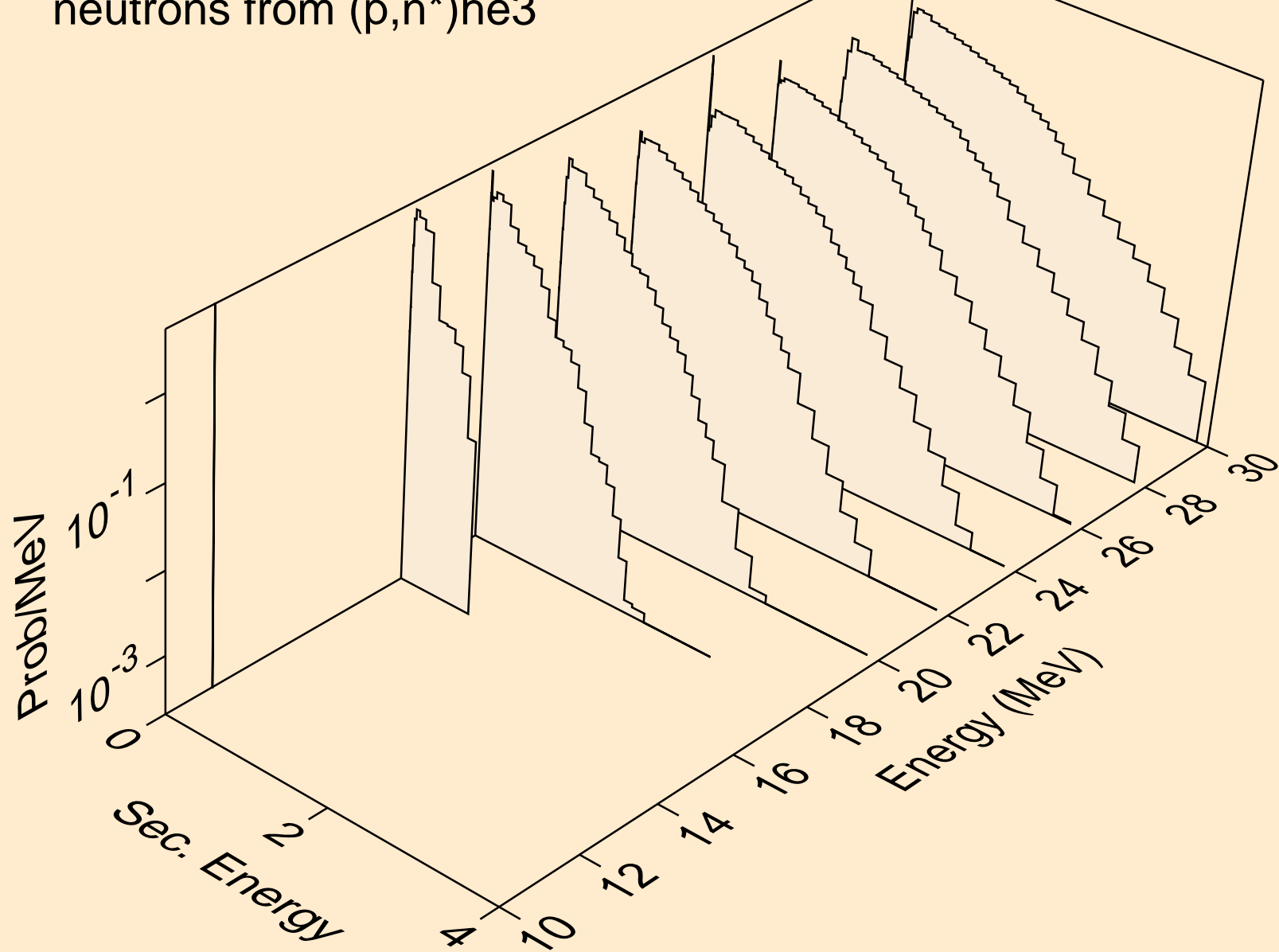
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



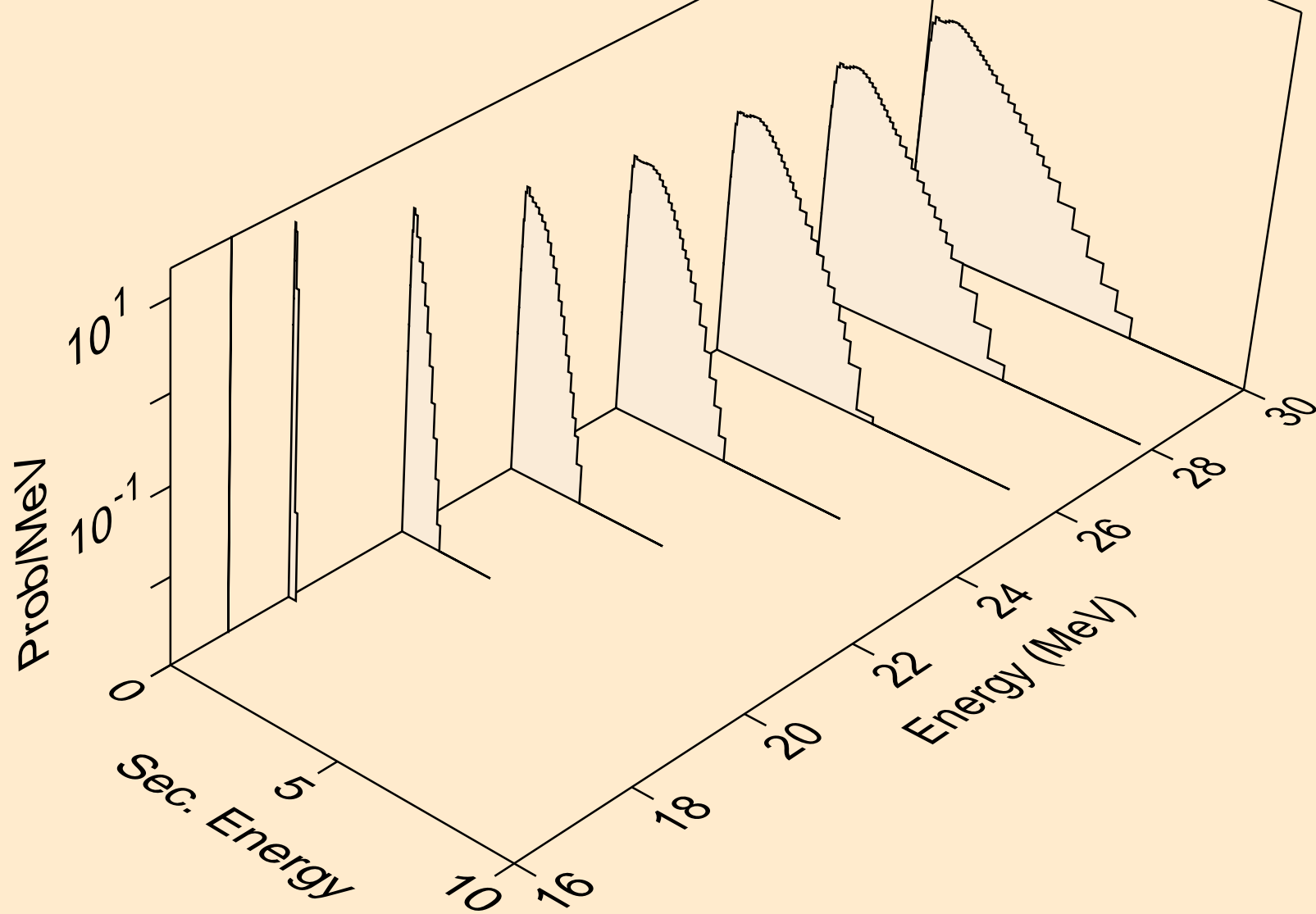
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neutrons from (p,n\*)t



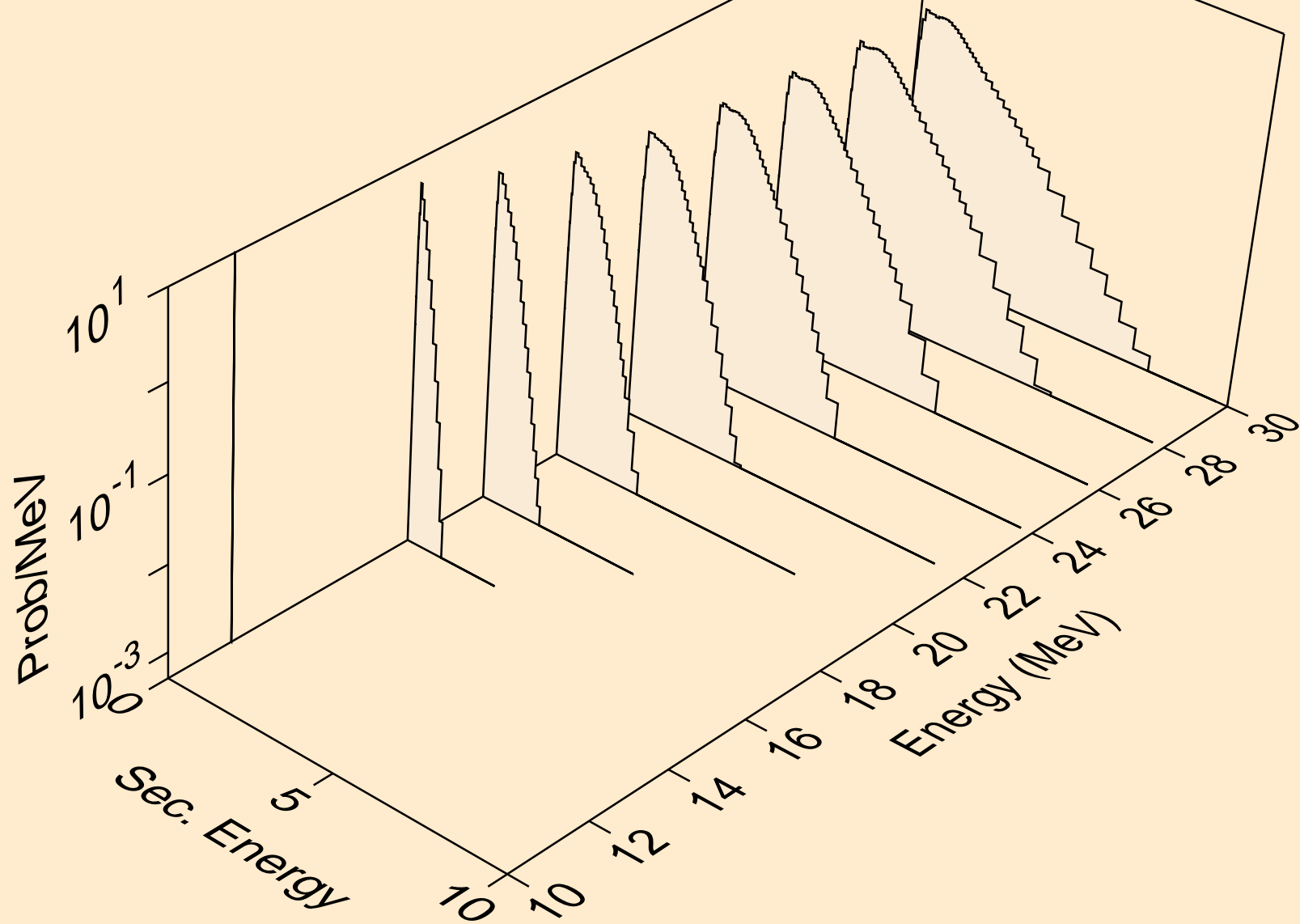
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



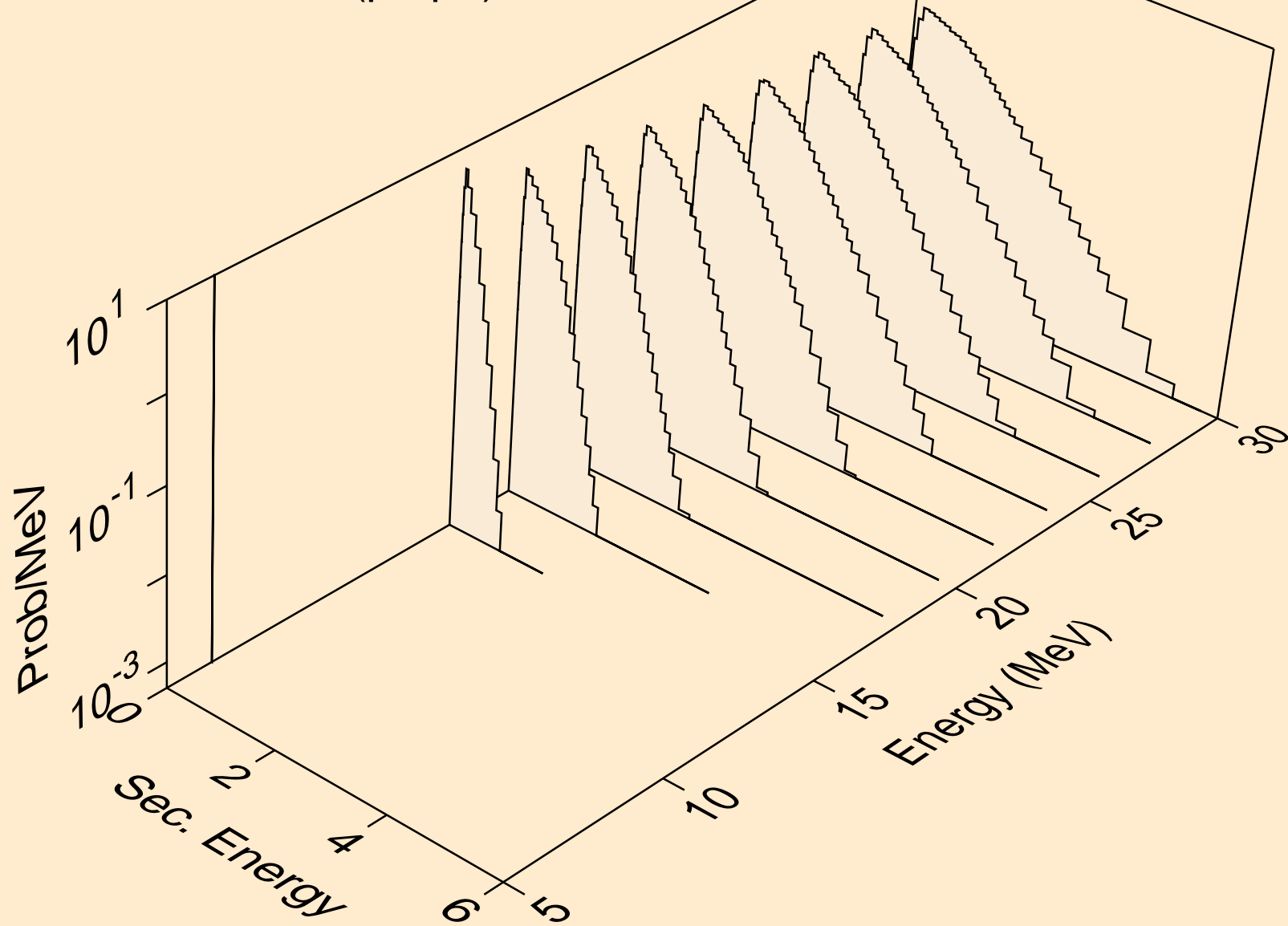
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neutrons from (p,2np)



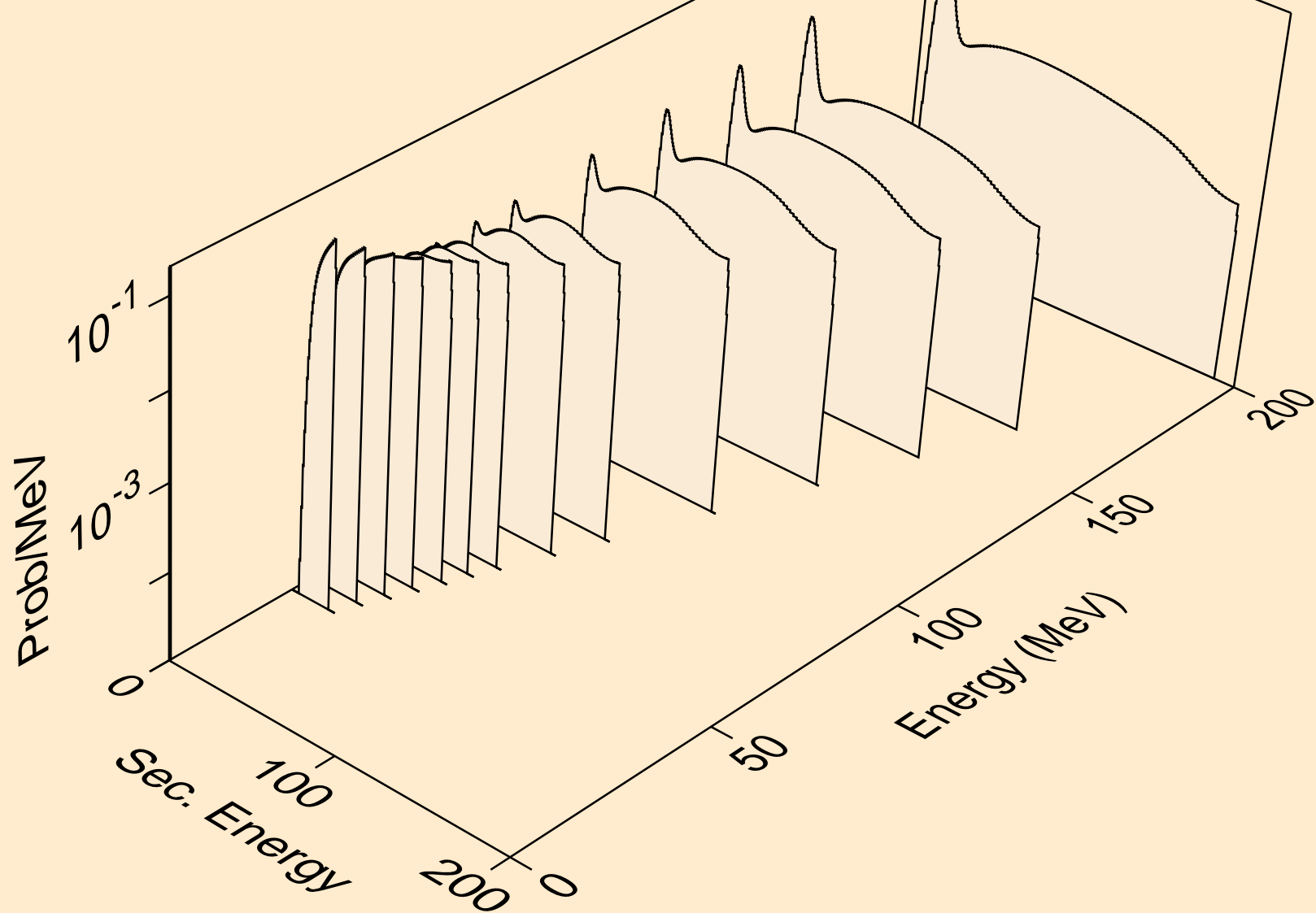
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neutrons from (p,n2p)



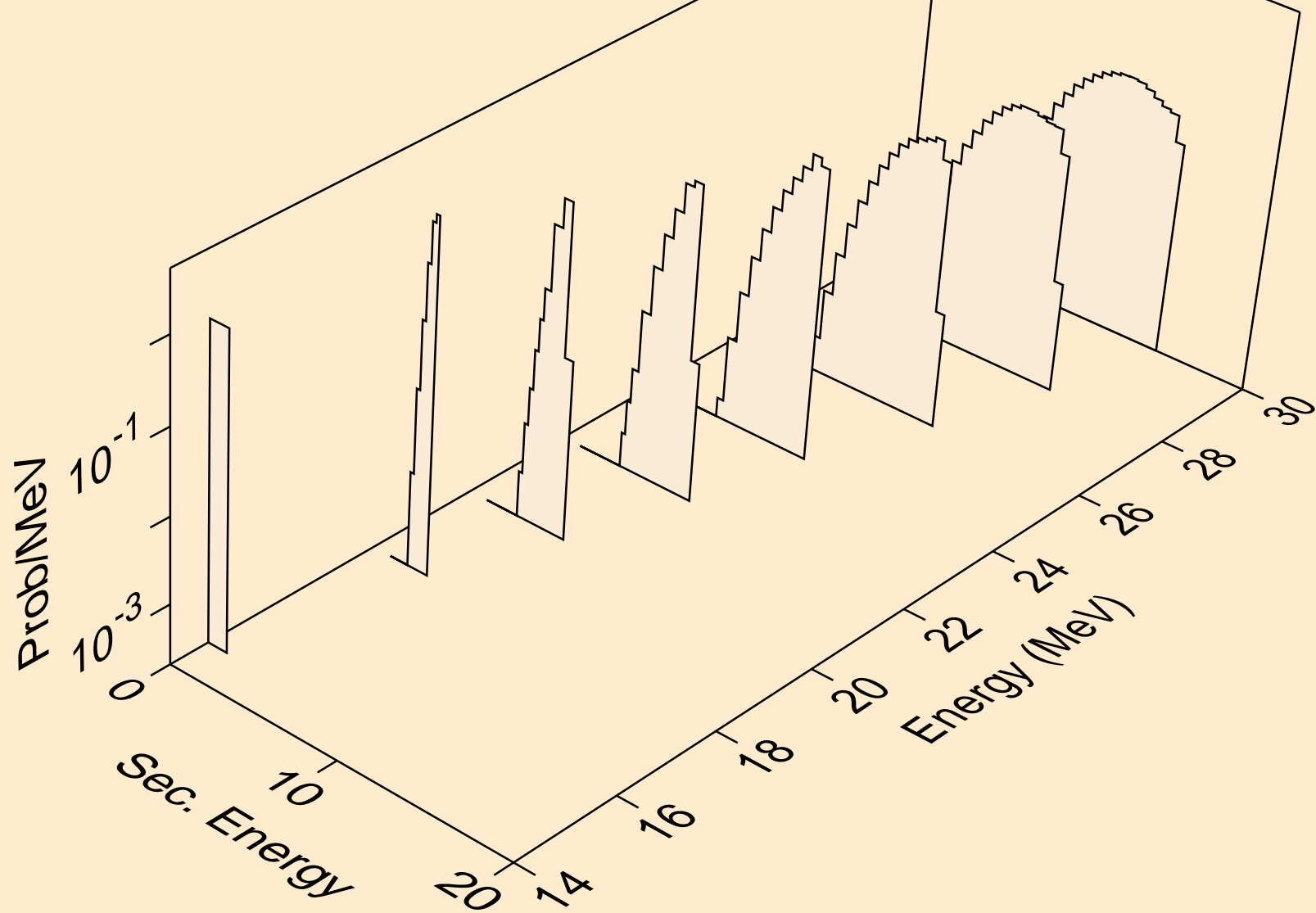
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

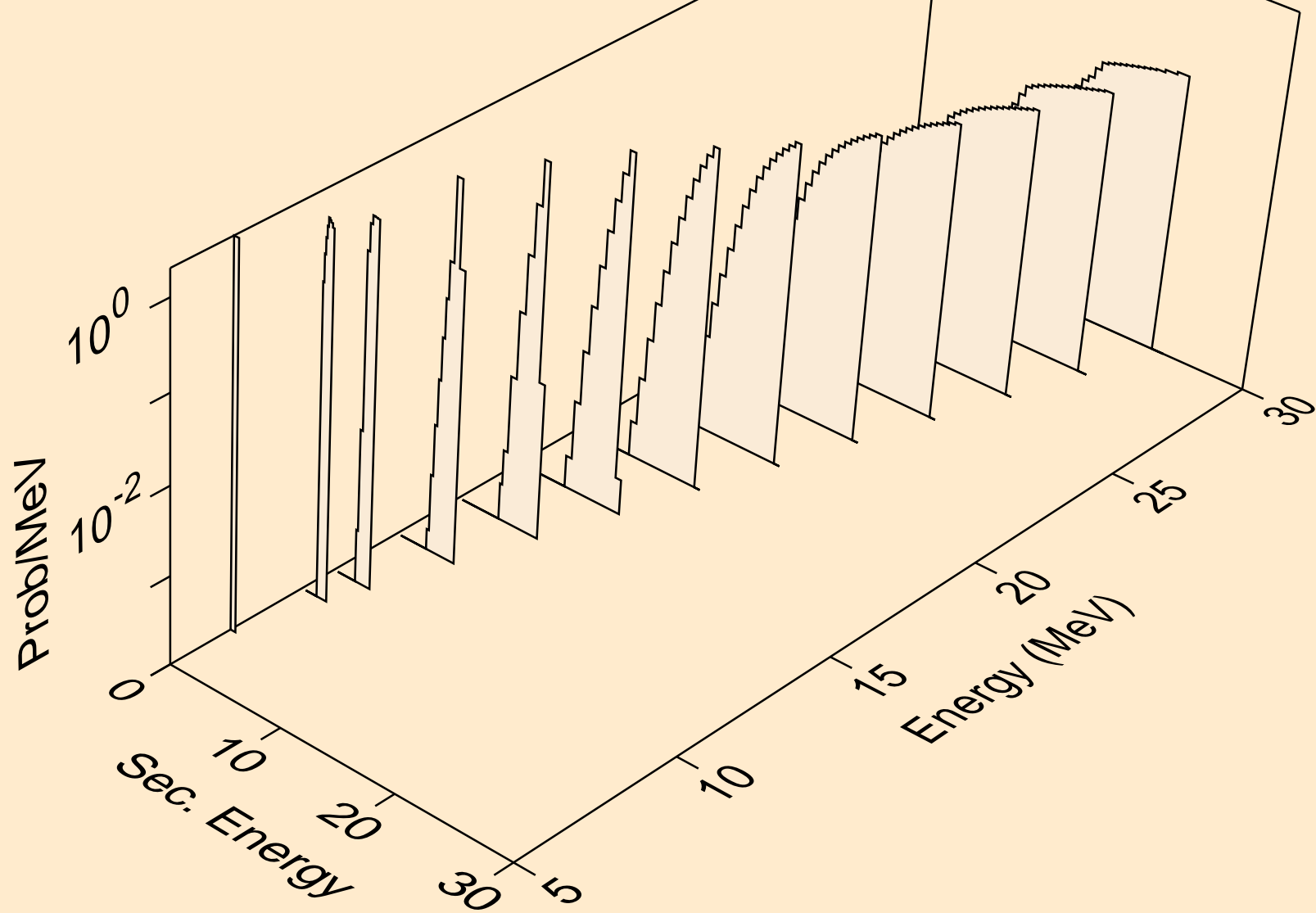


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deuterons from (p,n\*)d

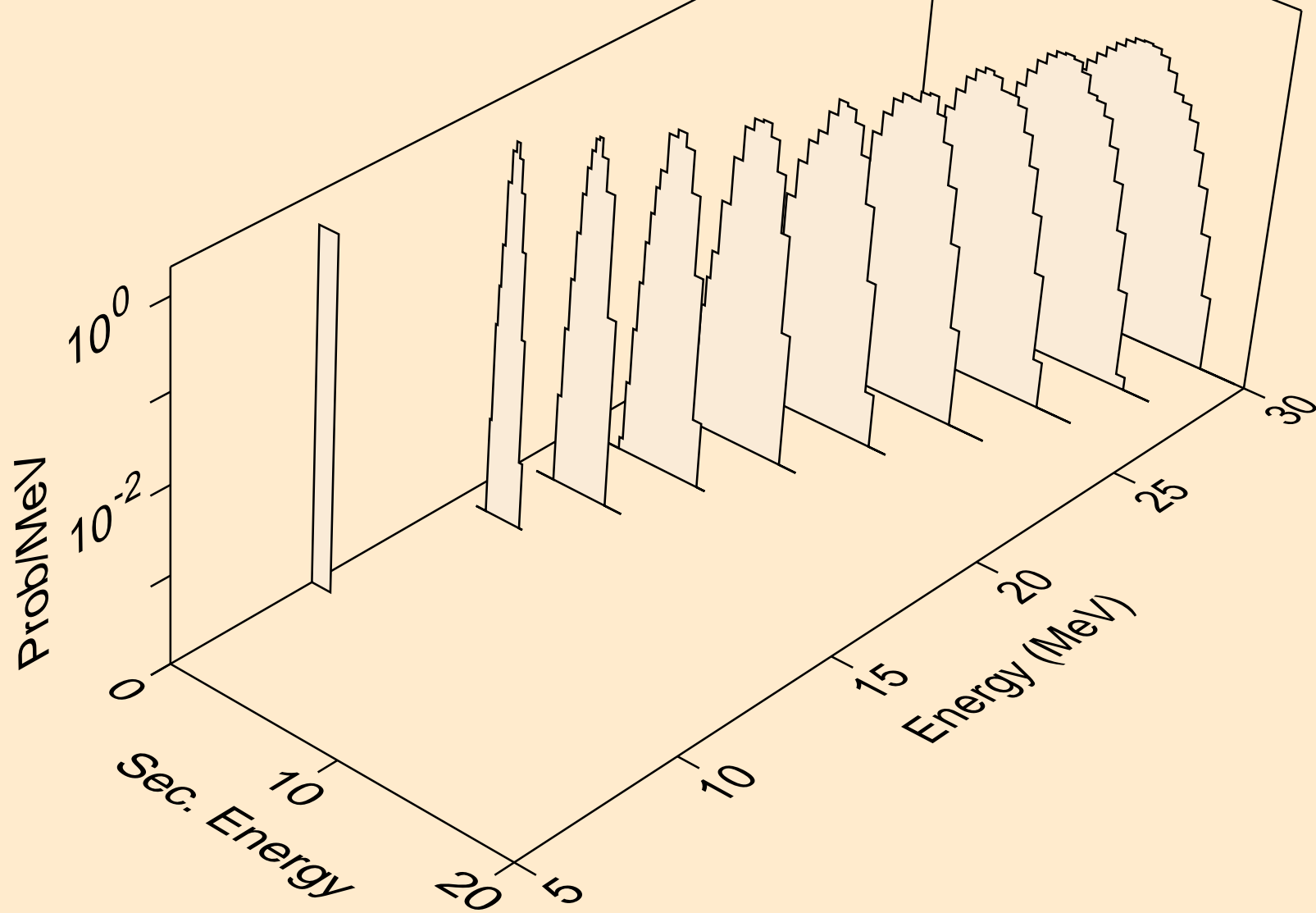




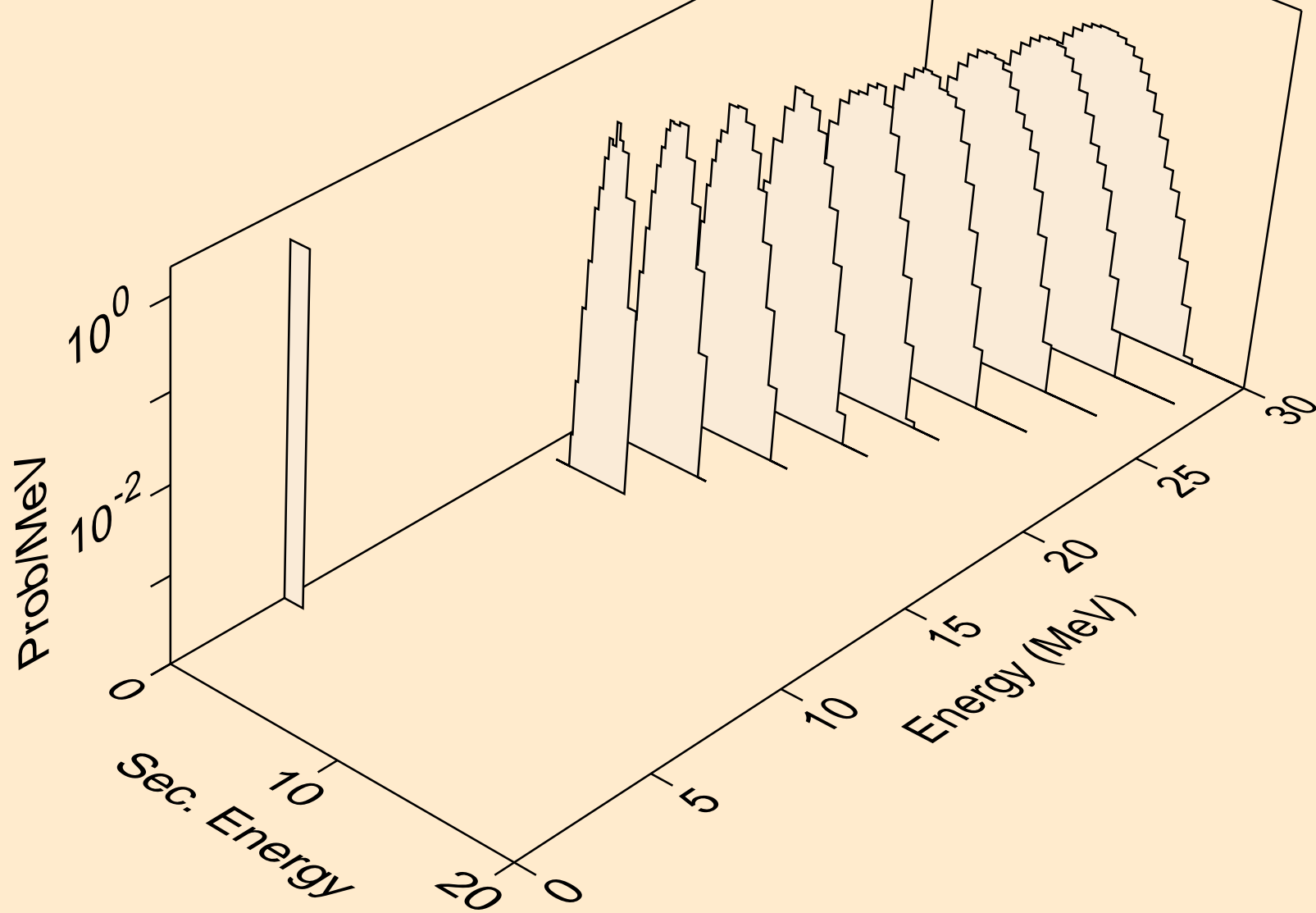
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deuterons from (p,d)



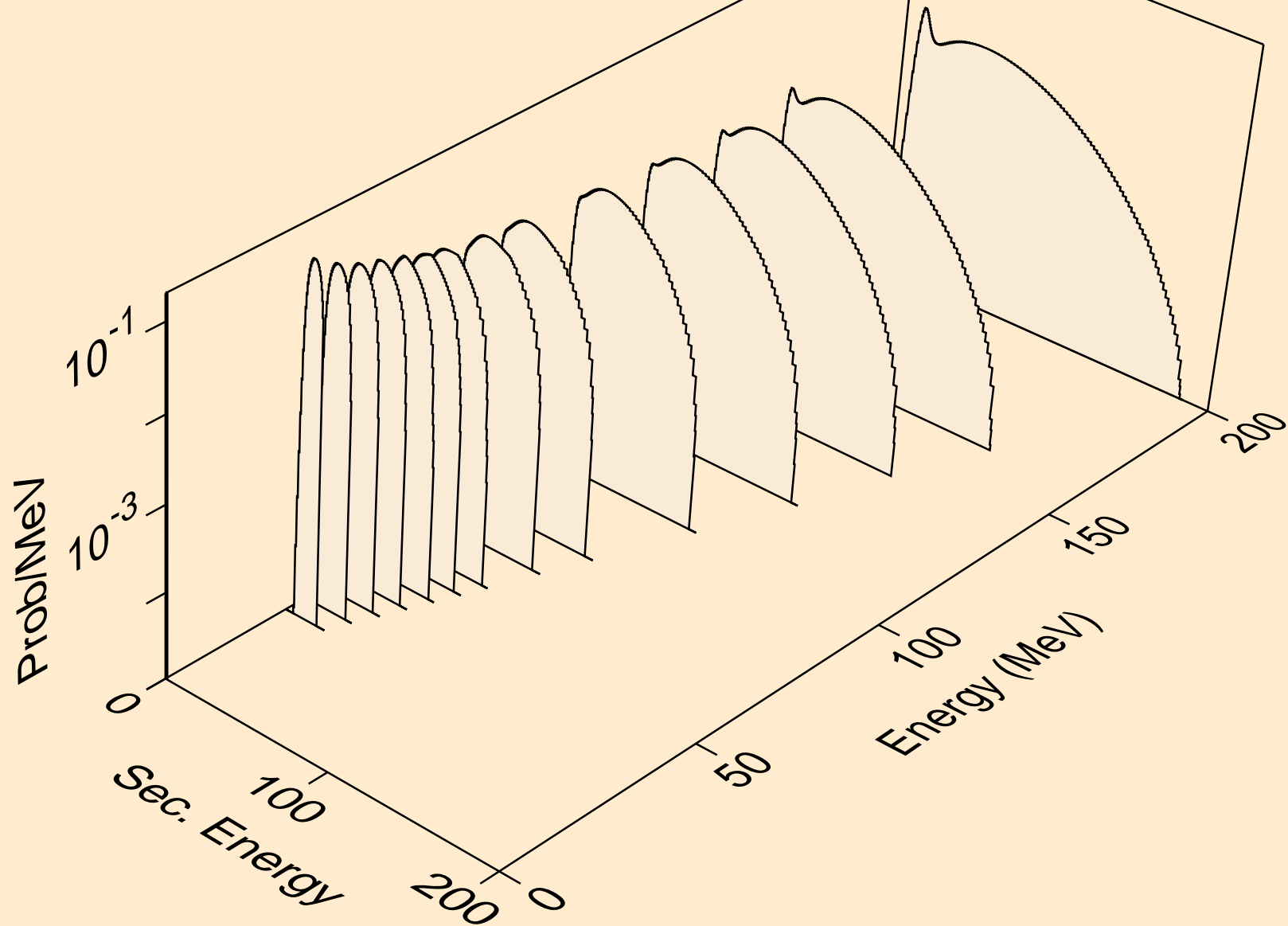
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



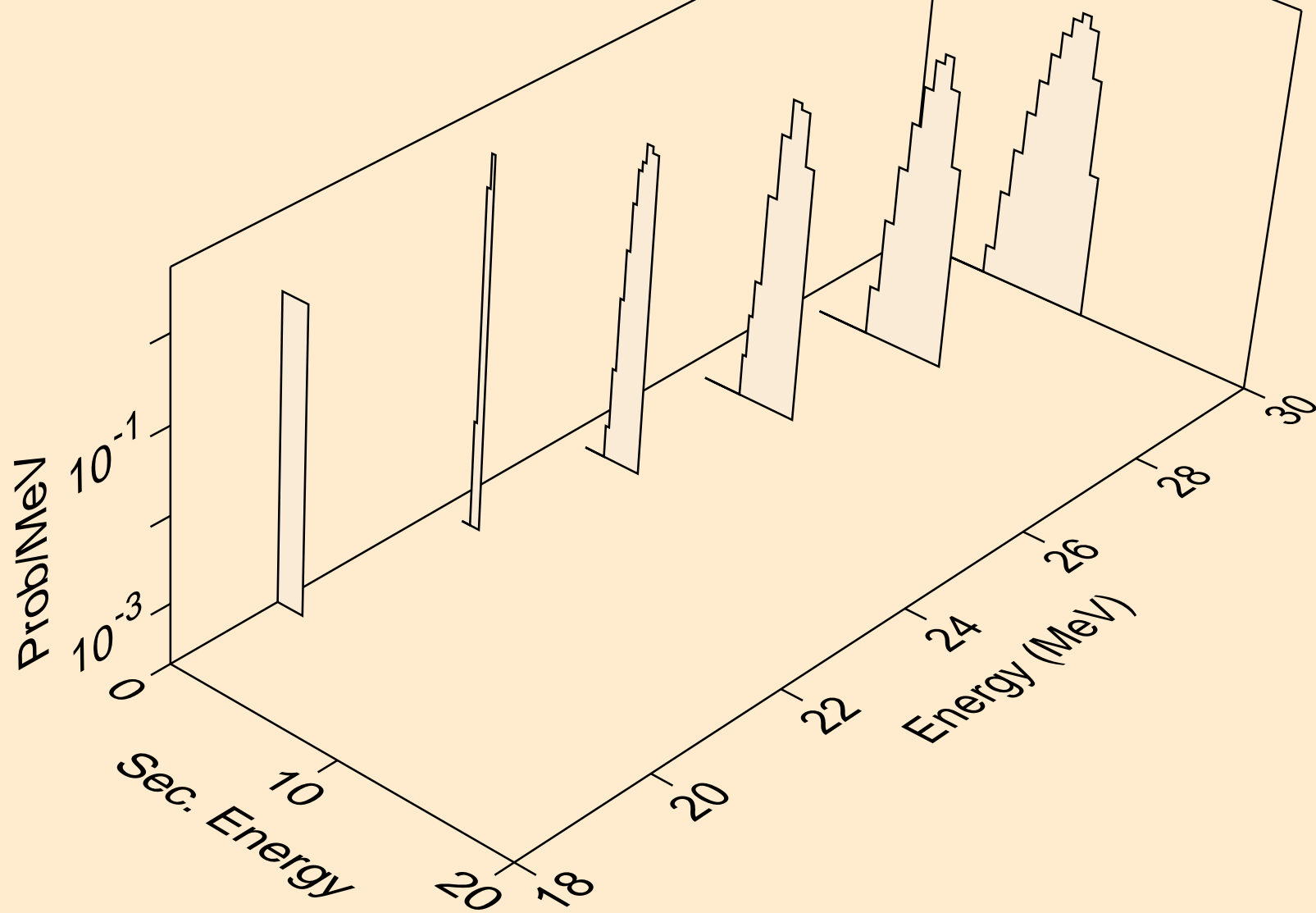
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



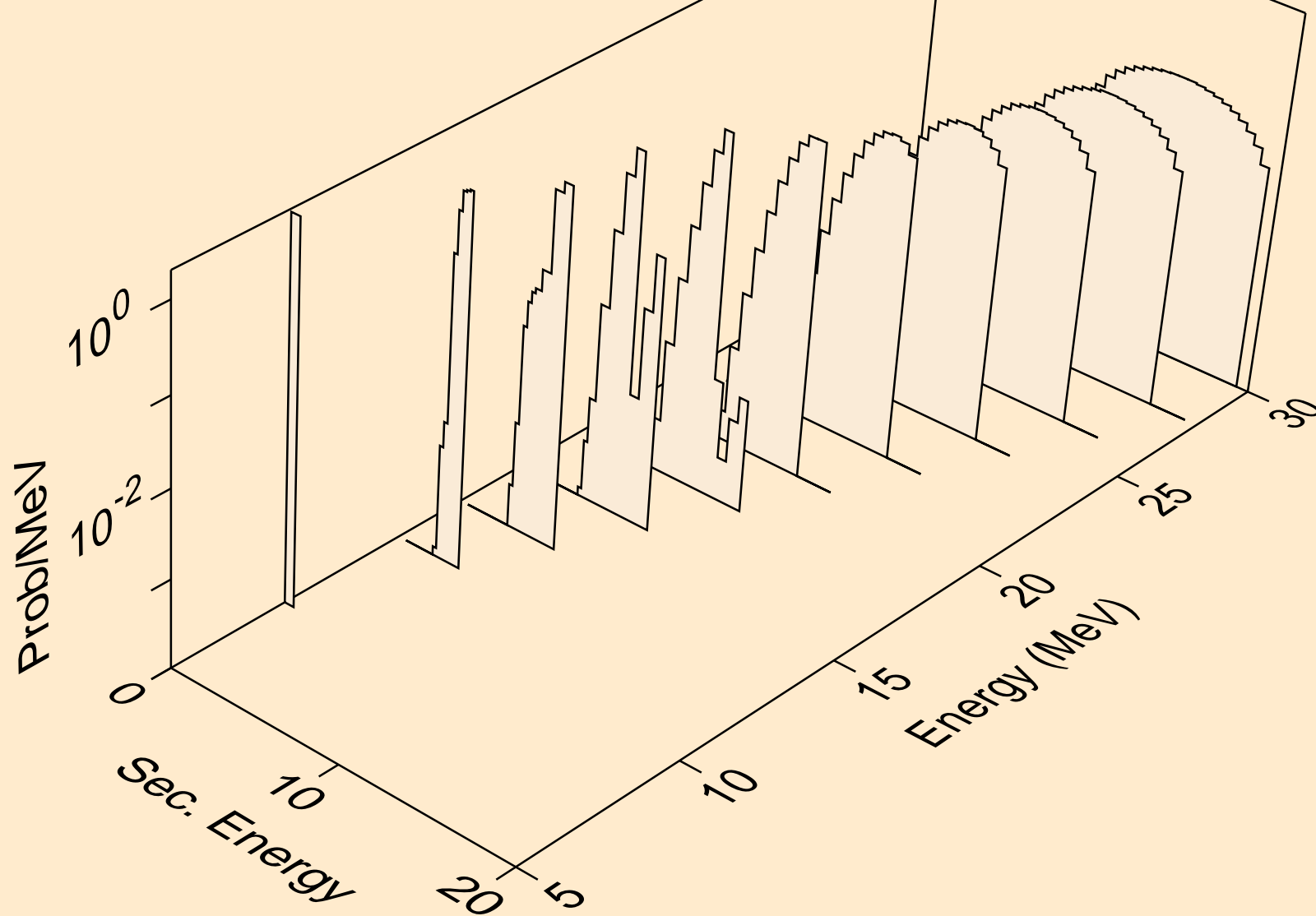
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



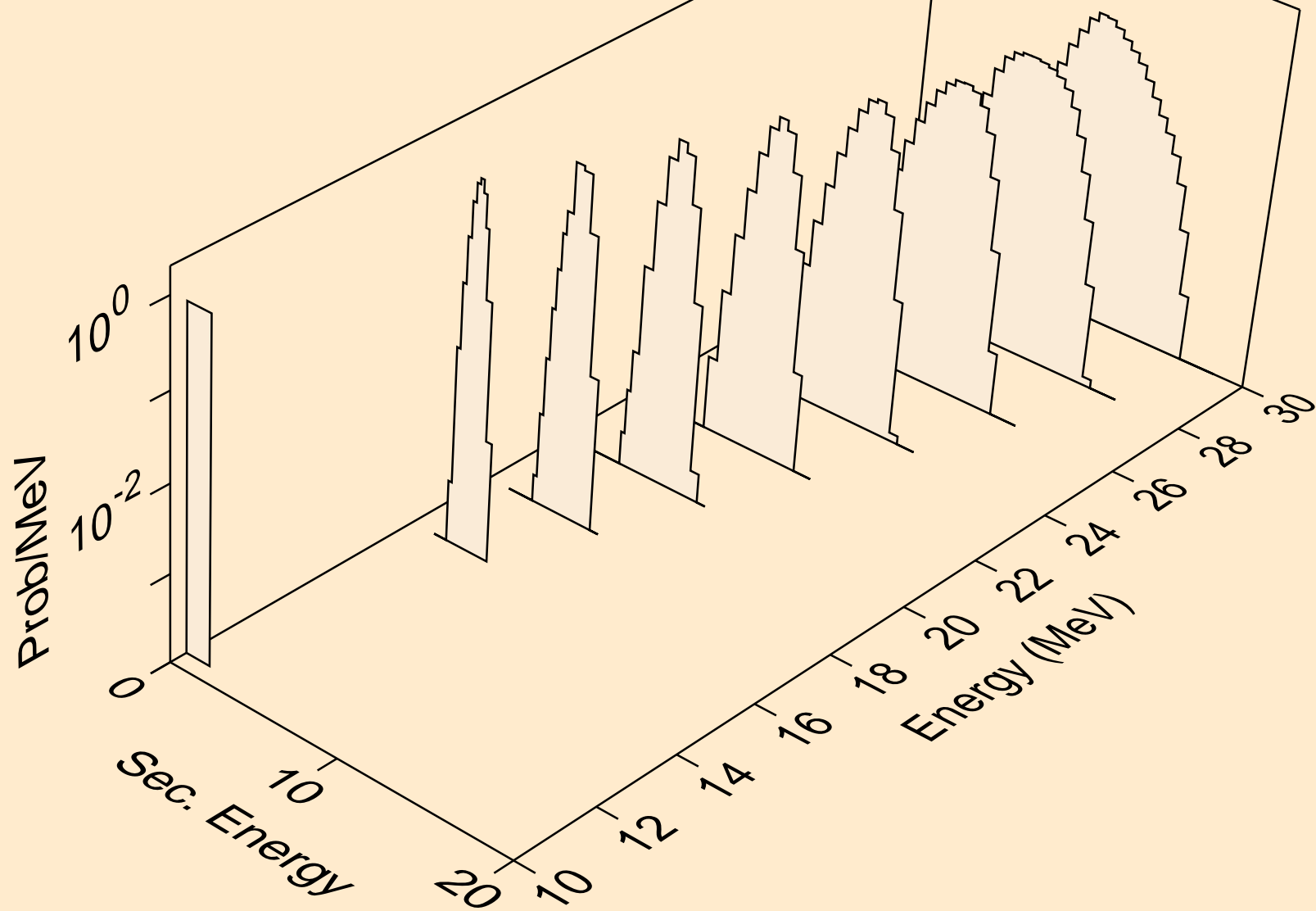
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



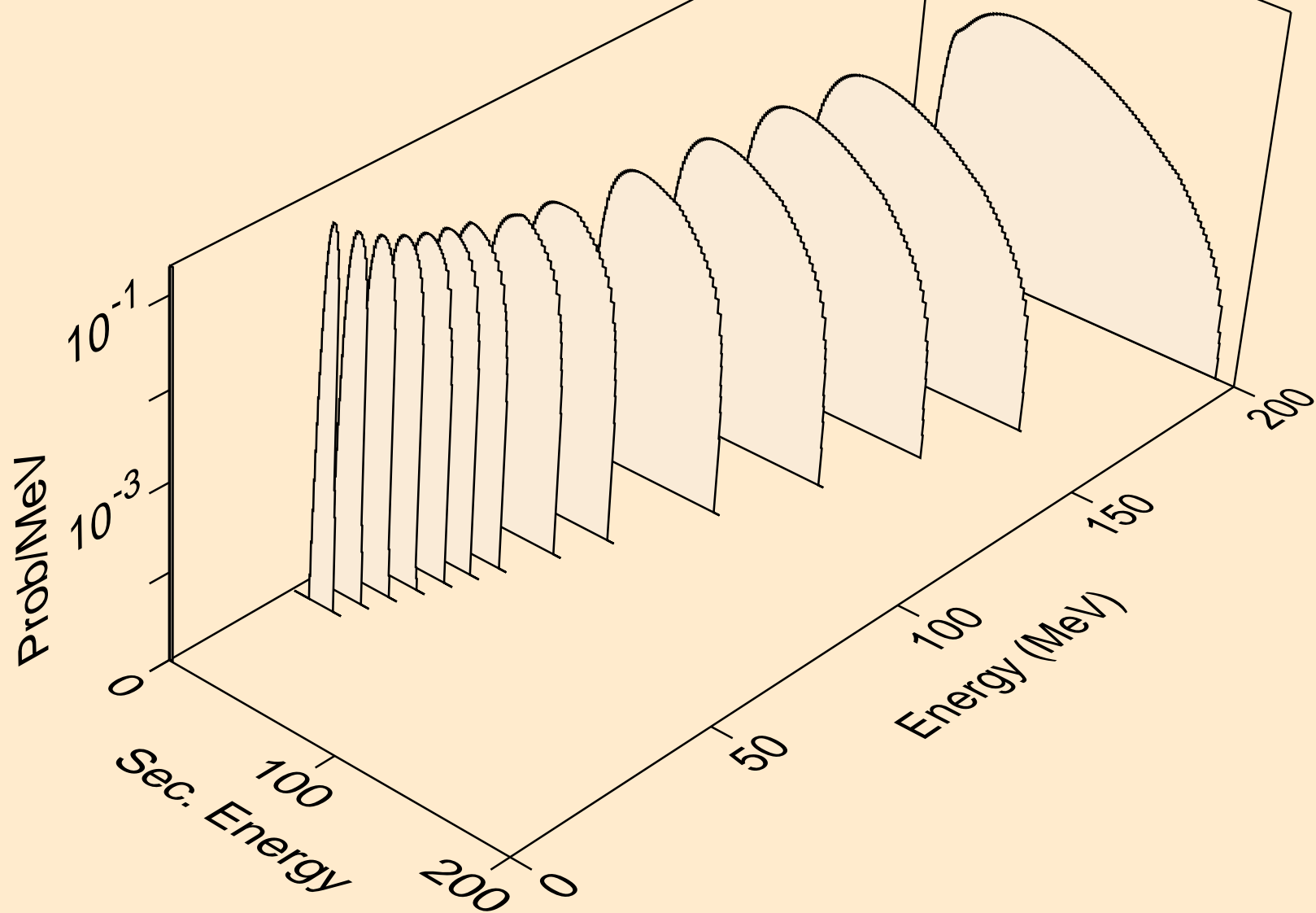
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

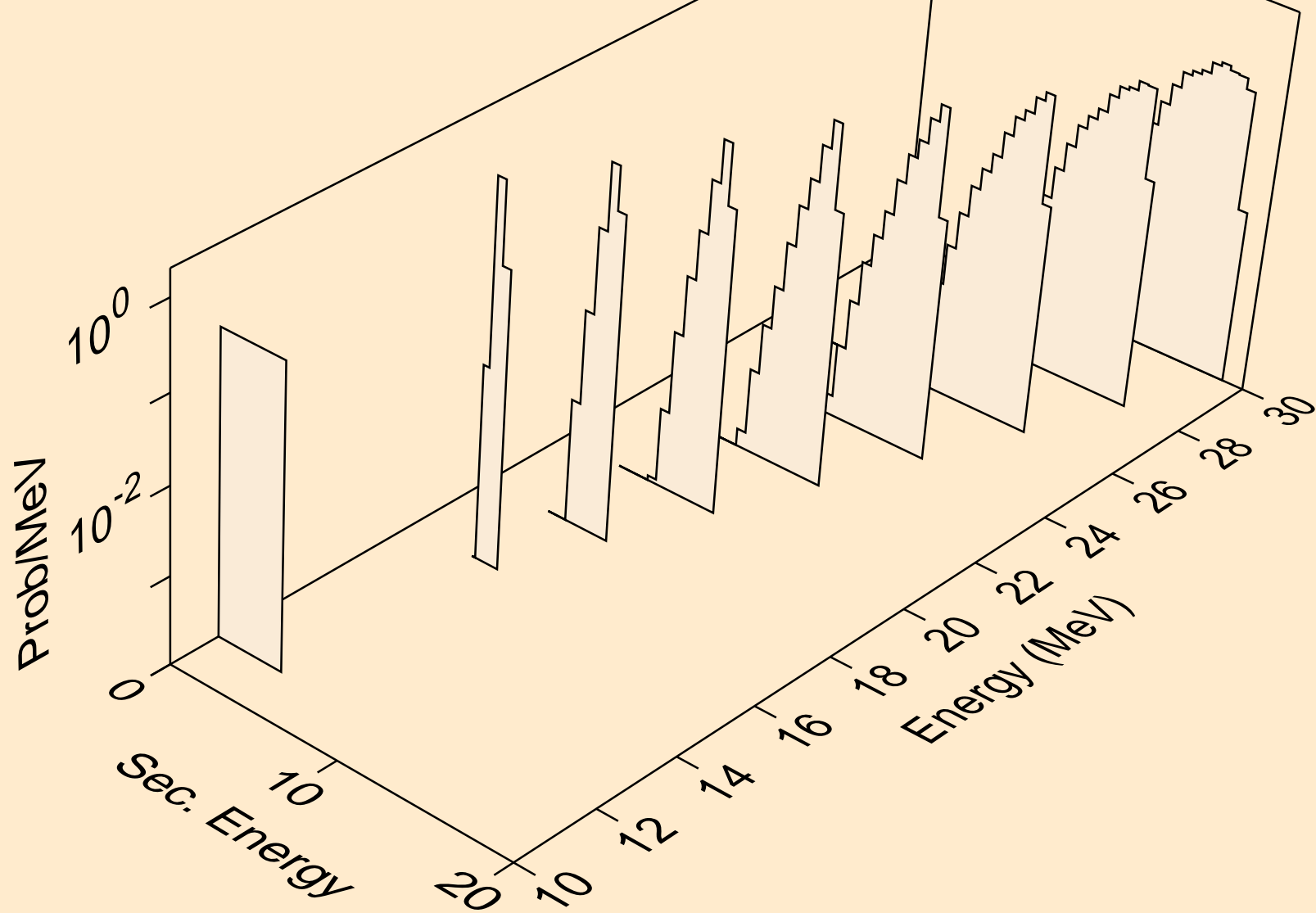


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he3s from (p,x)

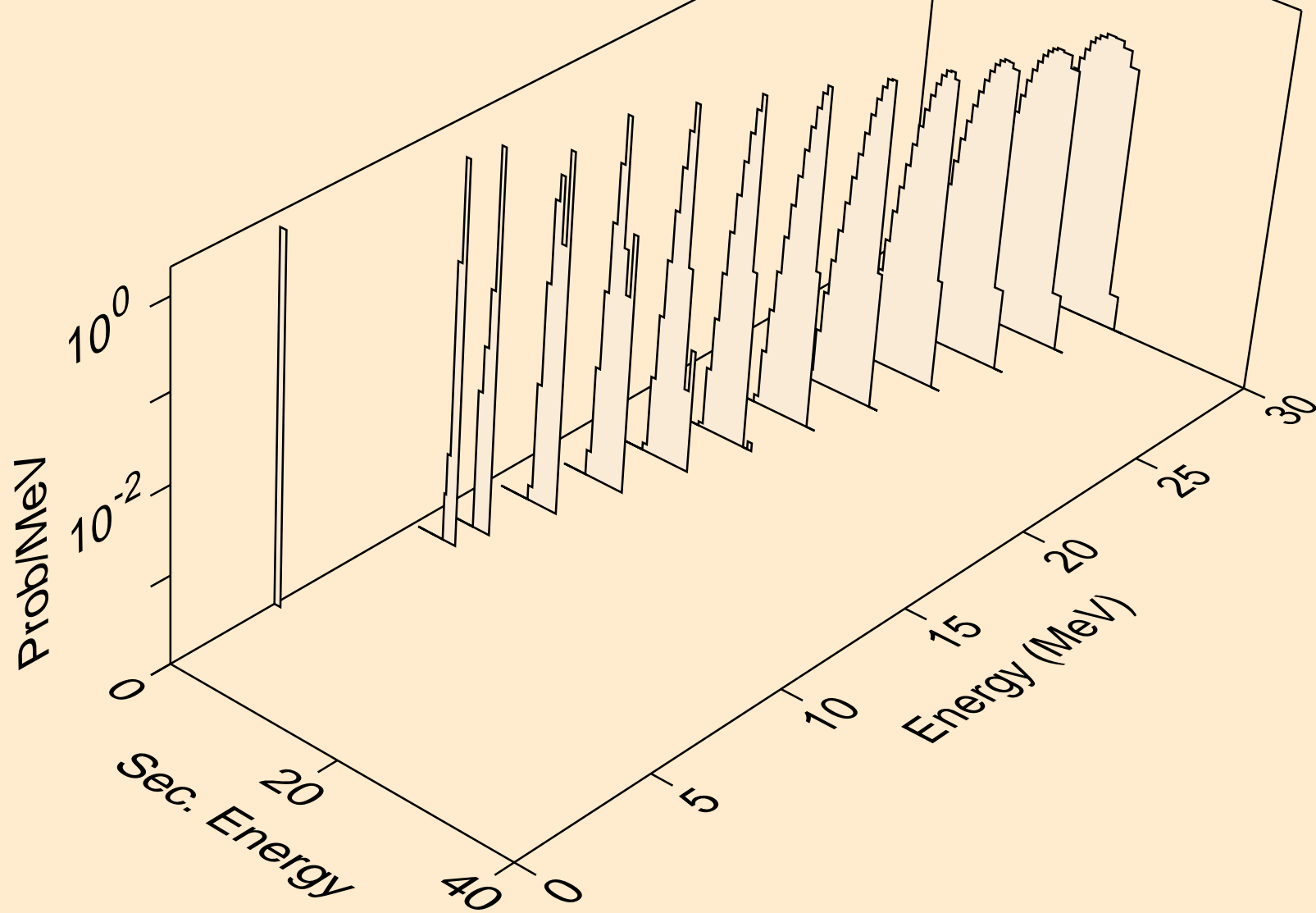




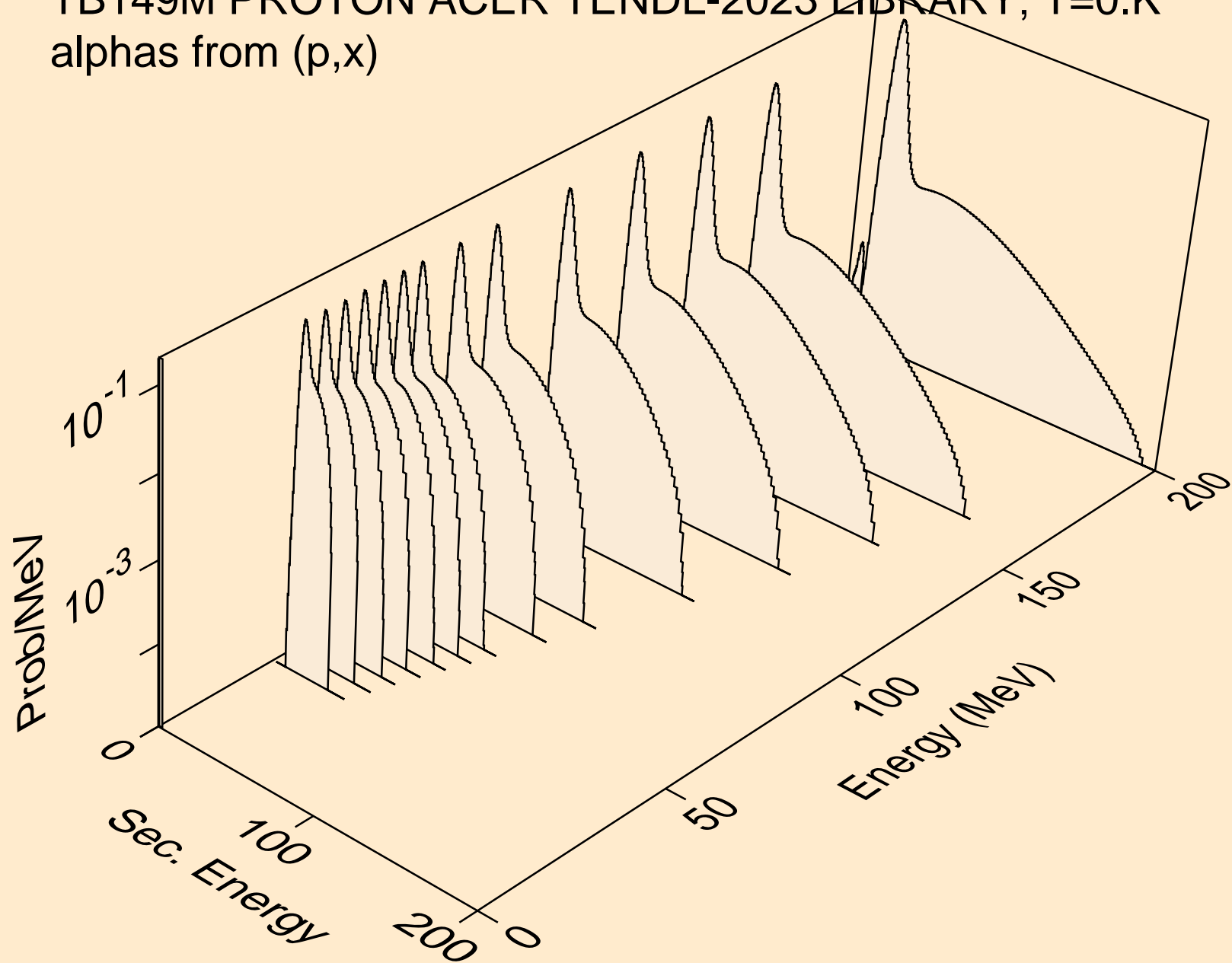
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he3s from (p,n\*)he3



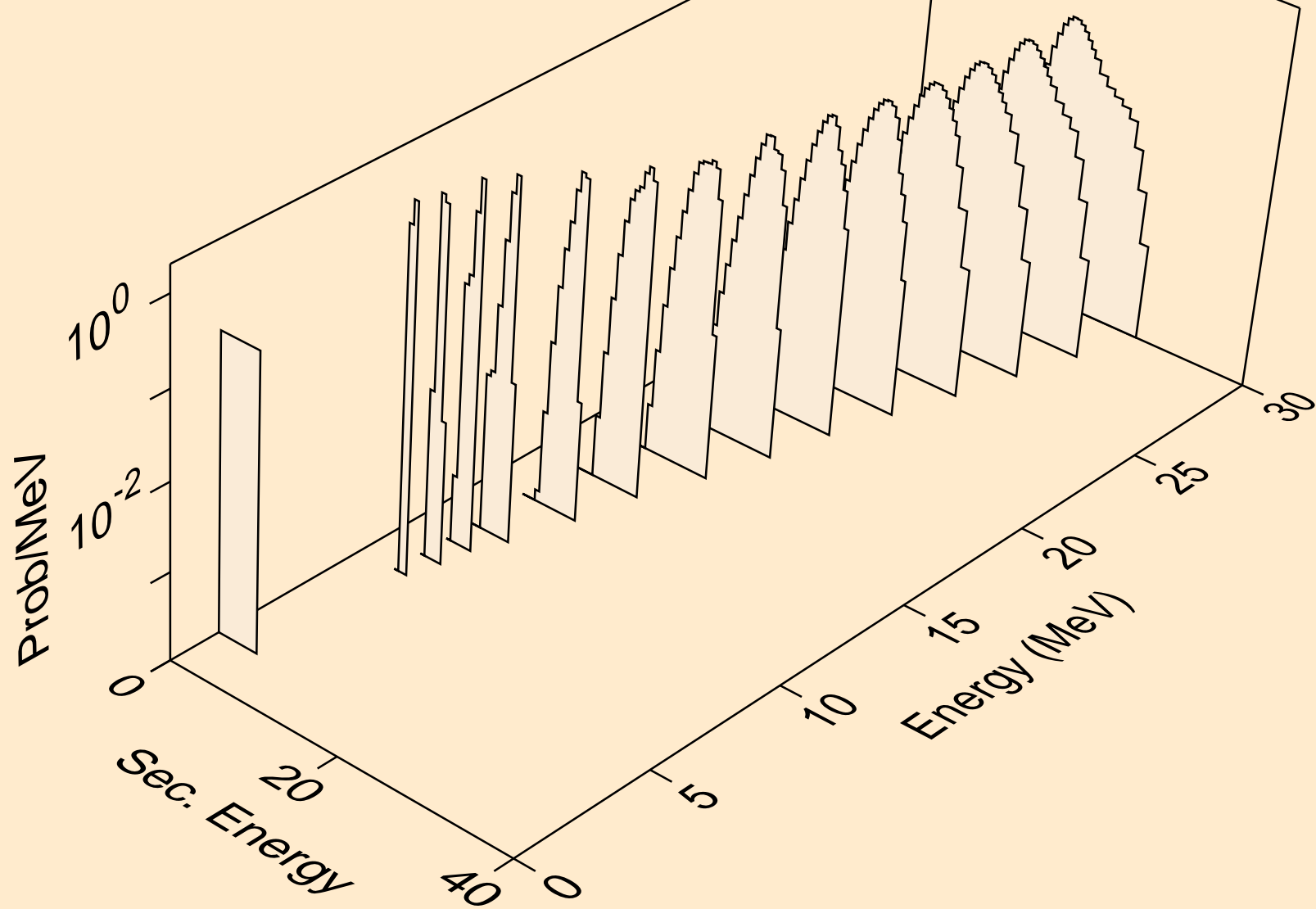
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he3s from (p,he3)



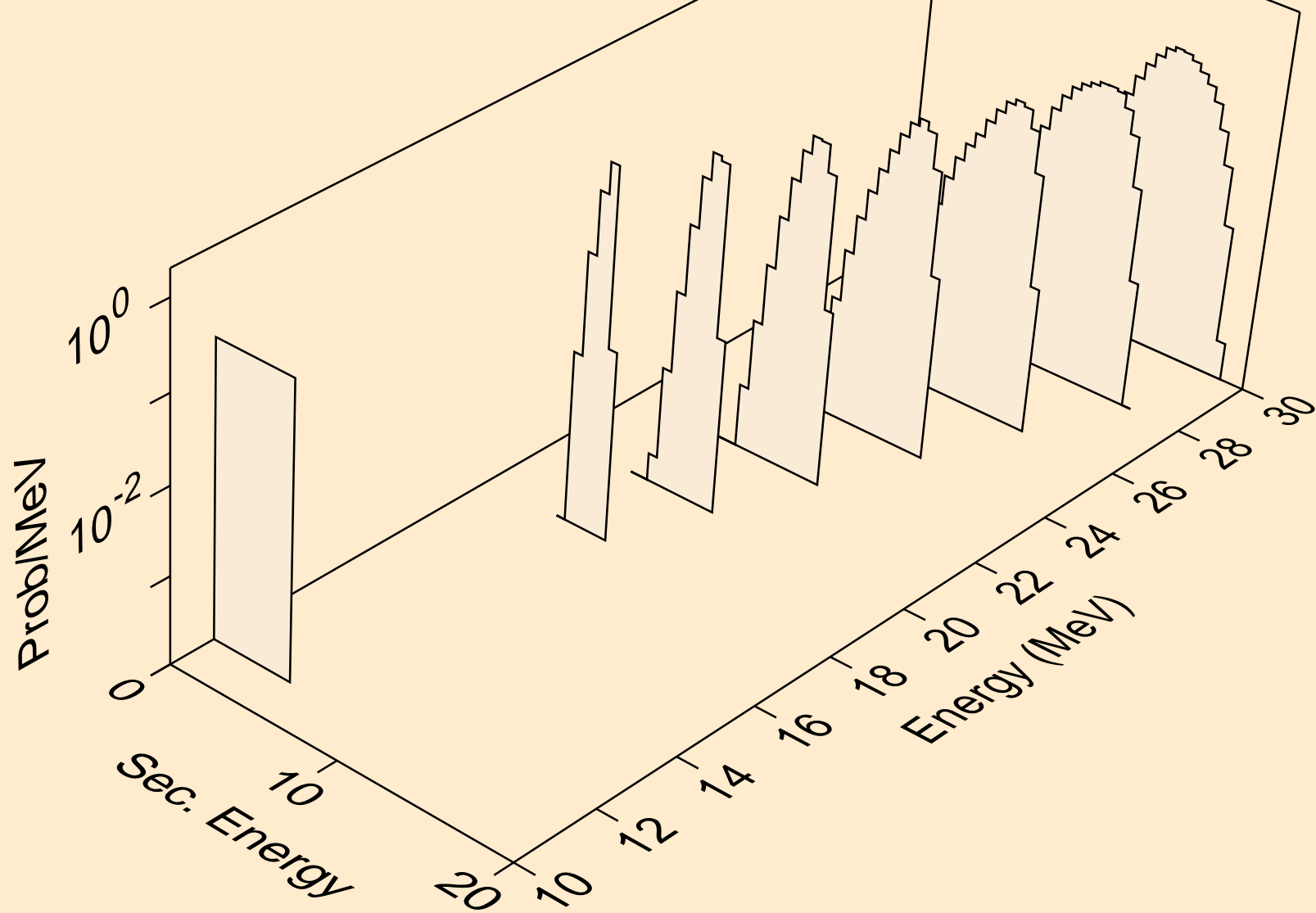
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alphas from (p,x)



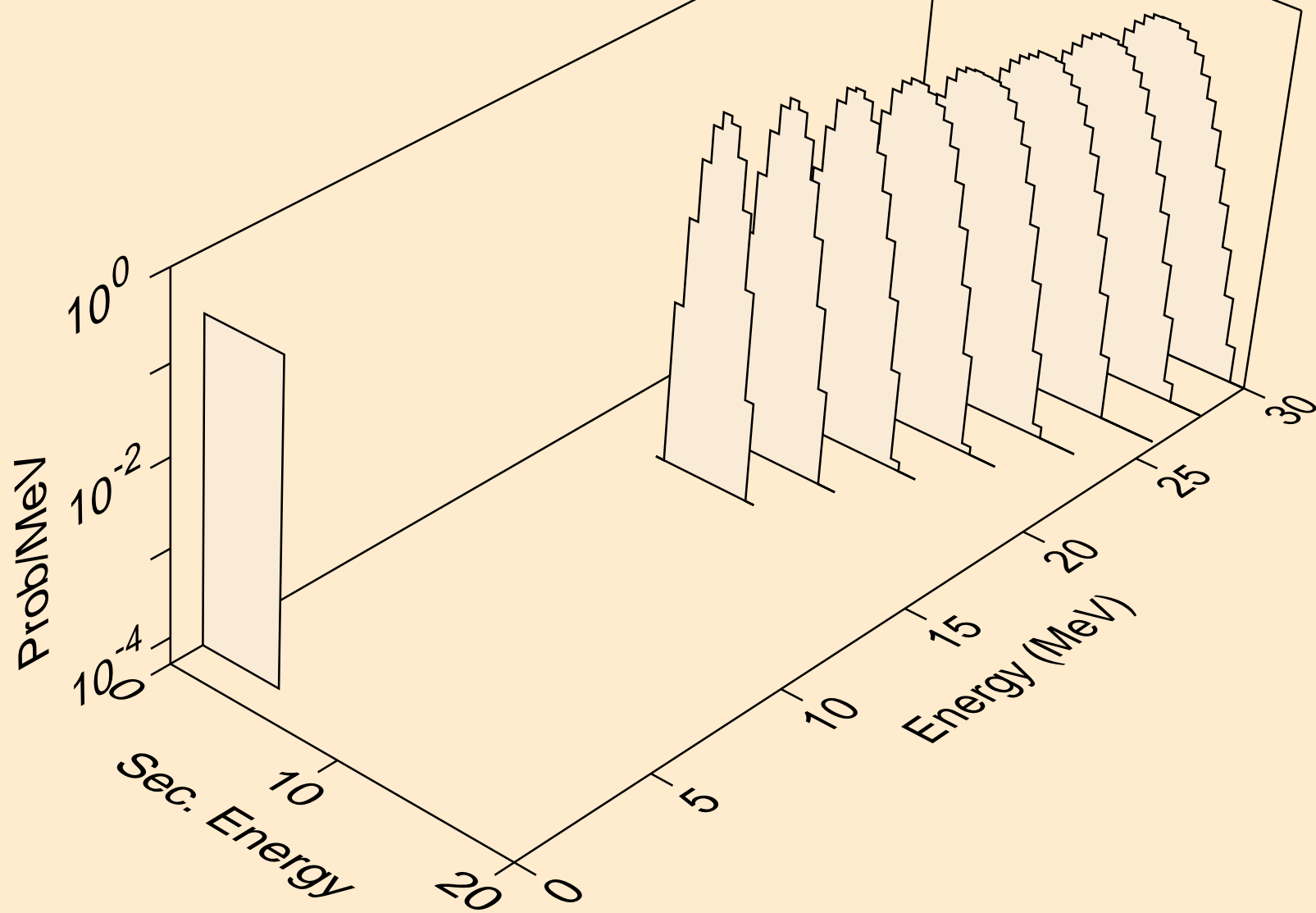
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alphas from (p,n\*)a



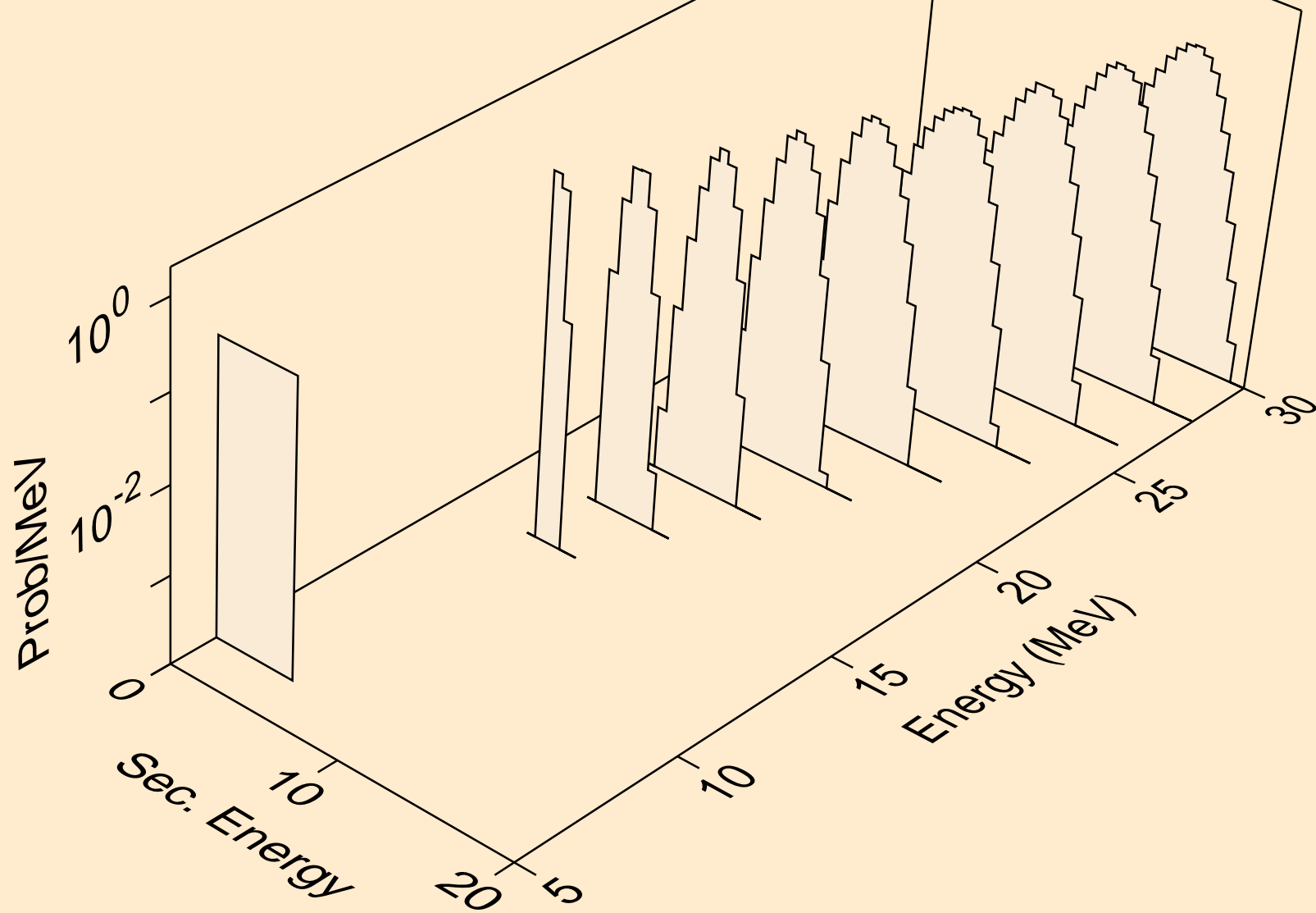
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alphas from (p,2n)a



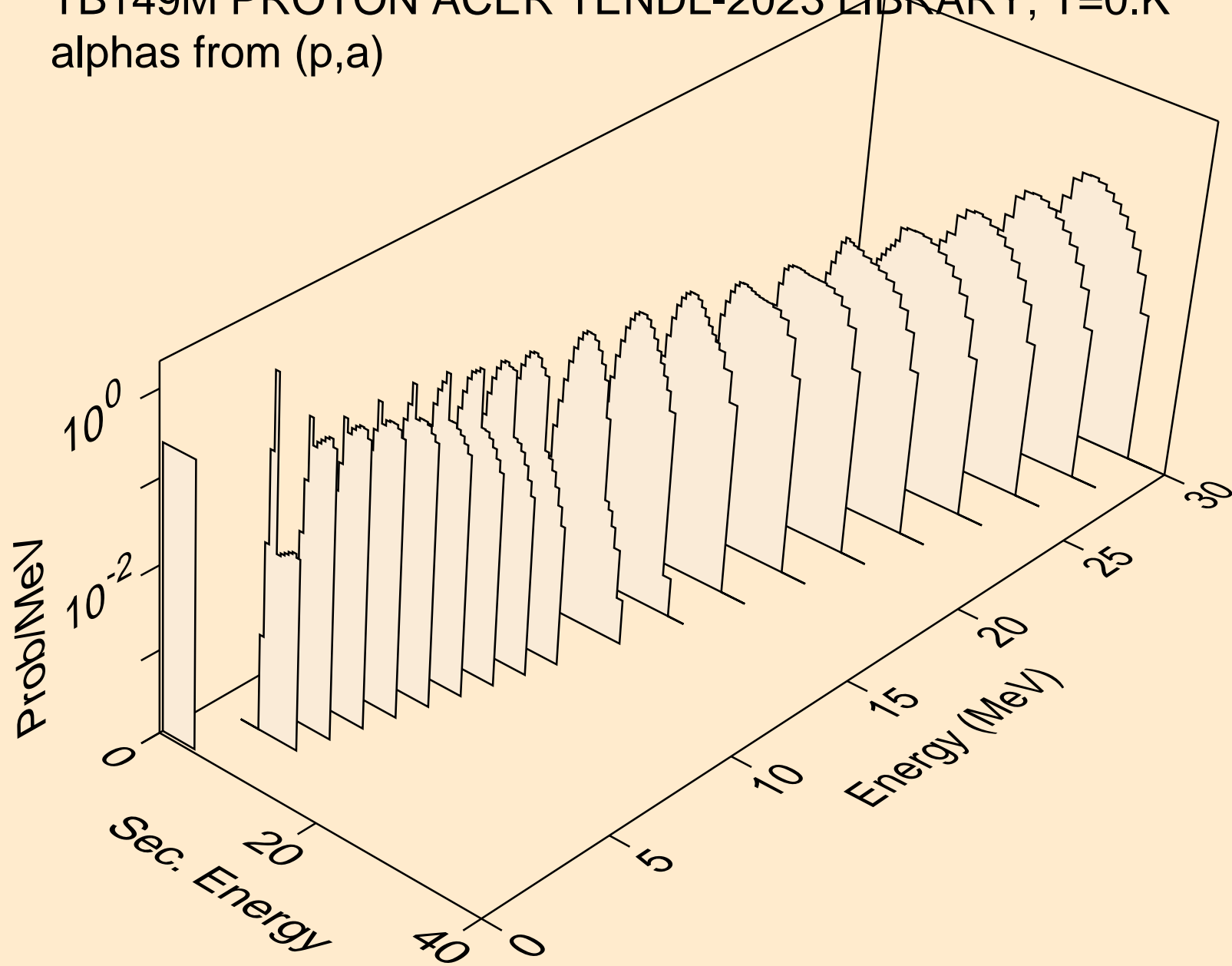
TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

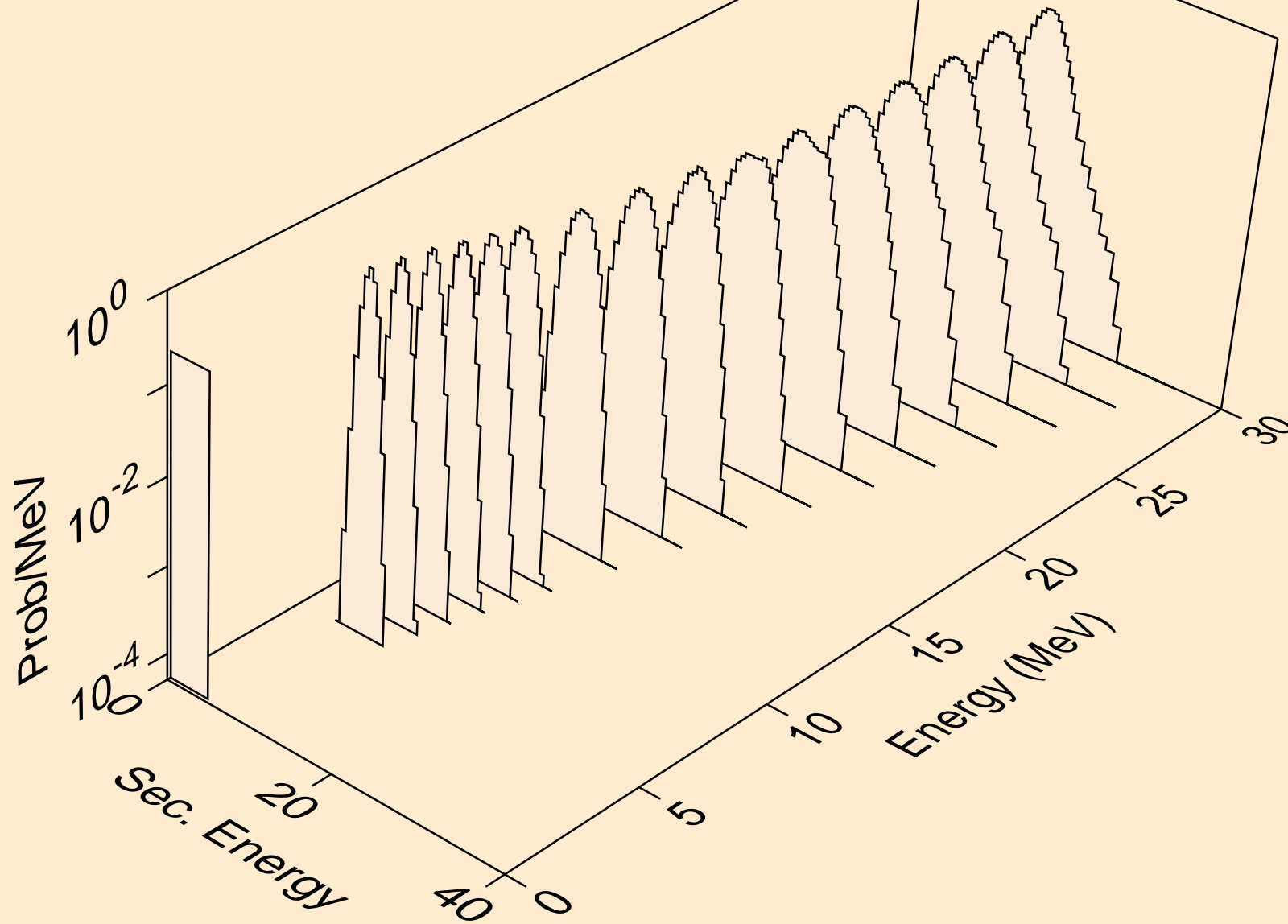


TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

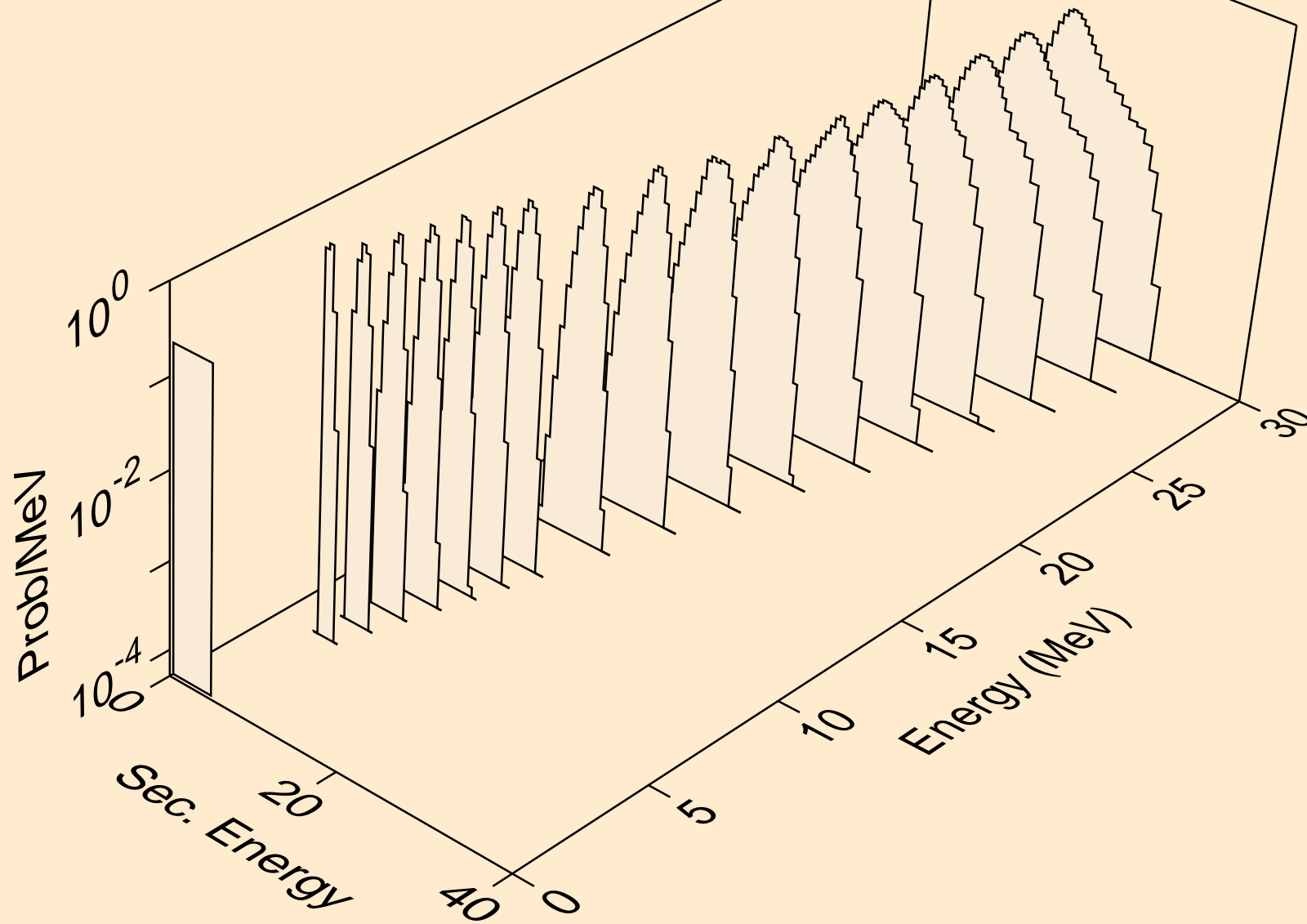




TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



TB149M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

