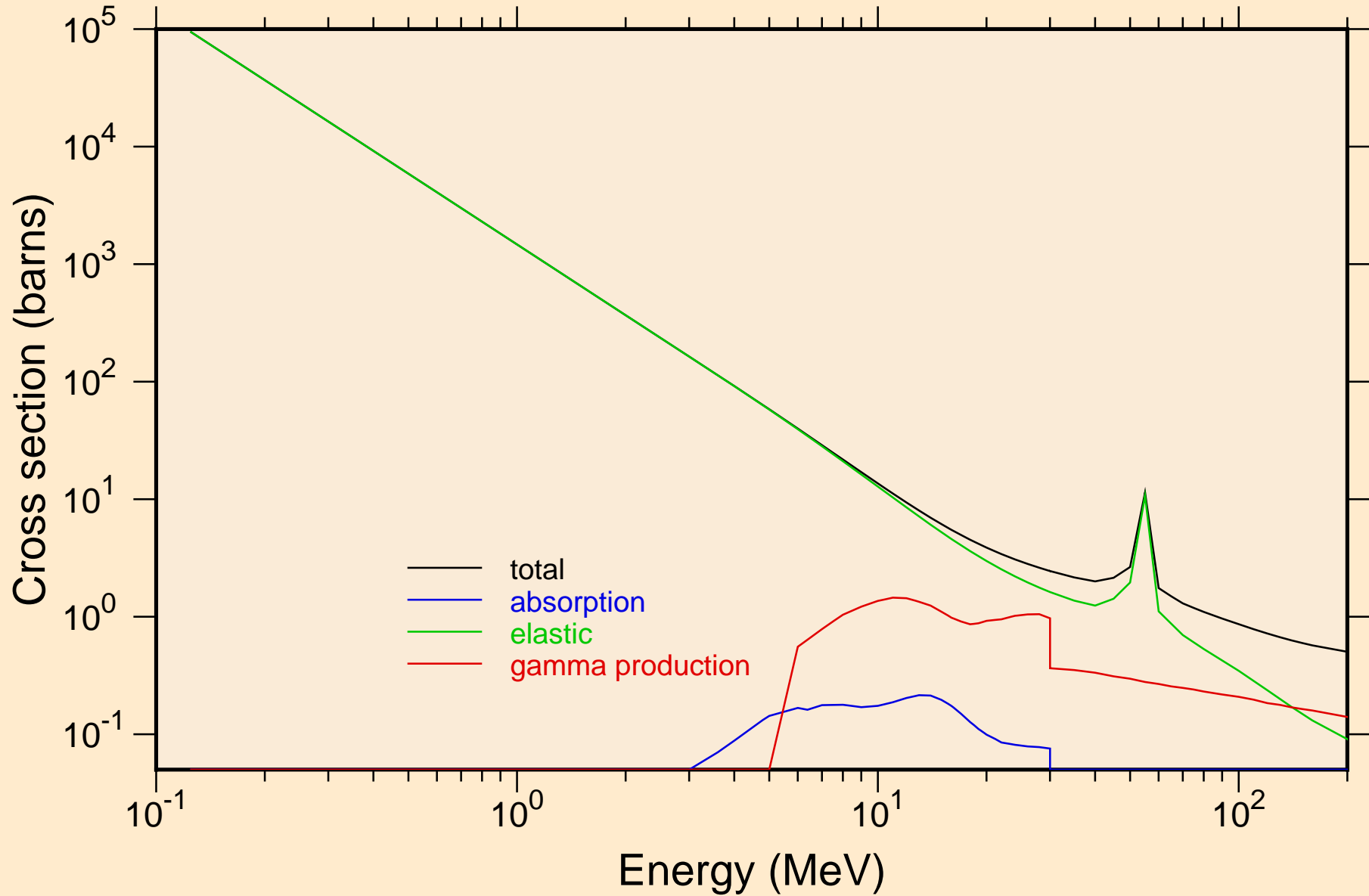
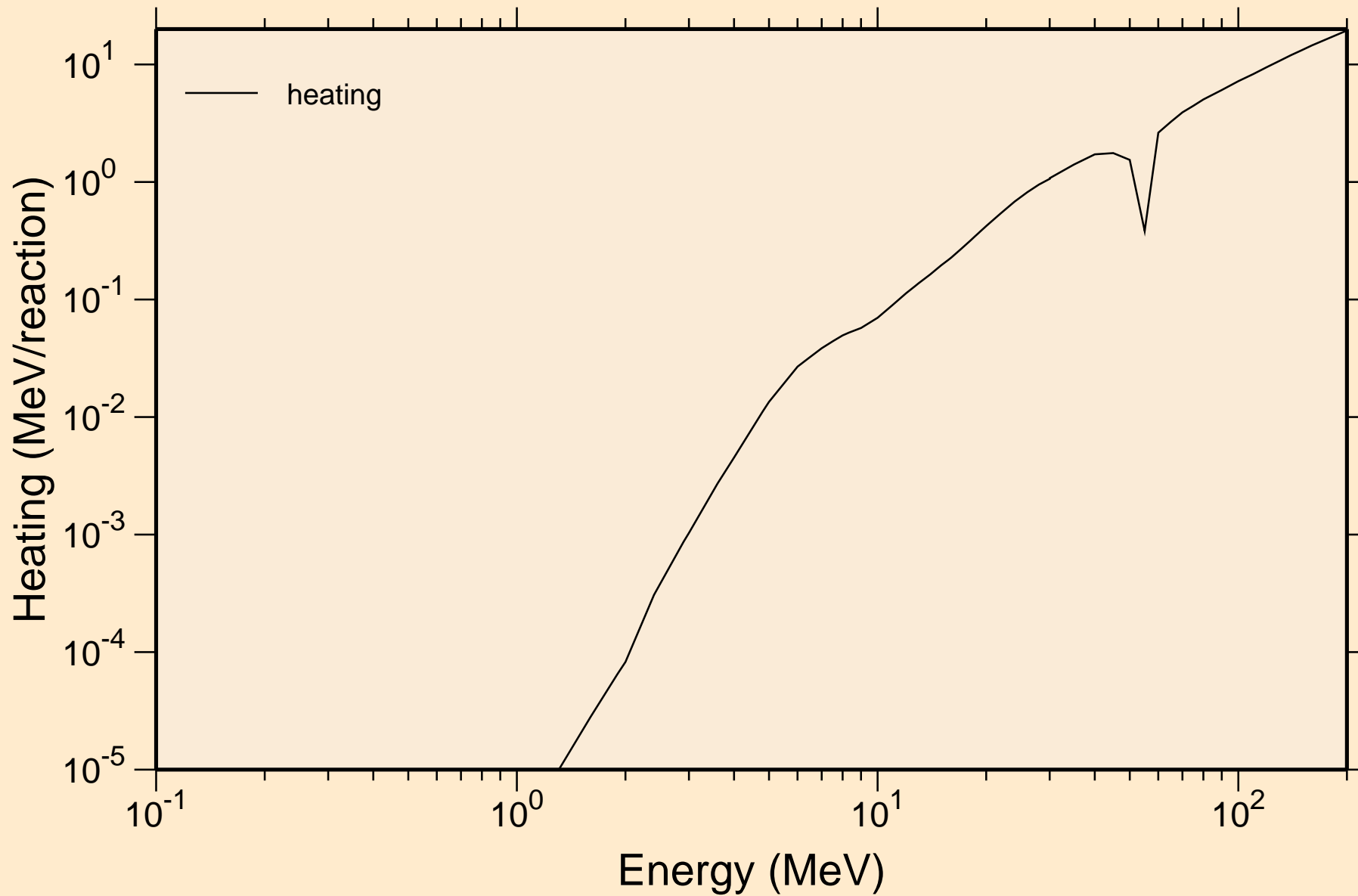


# P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K

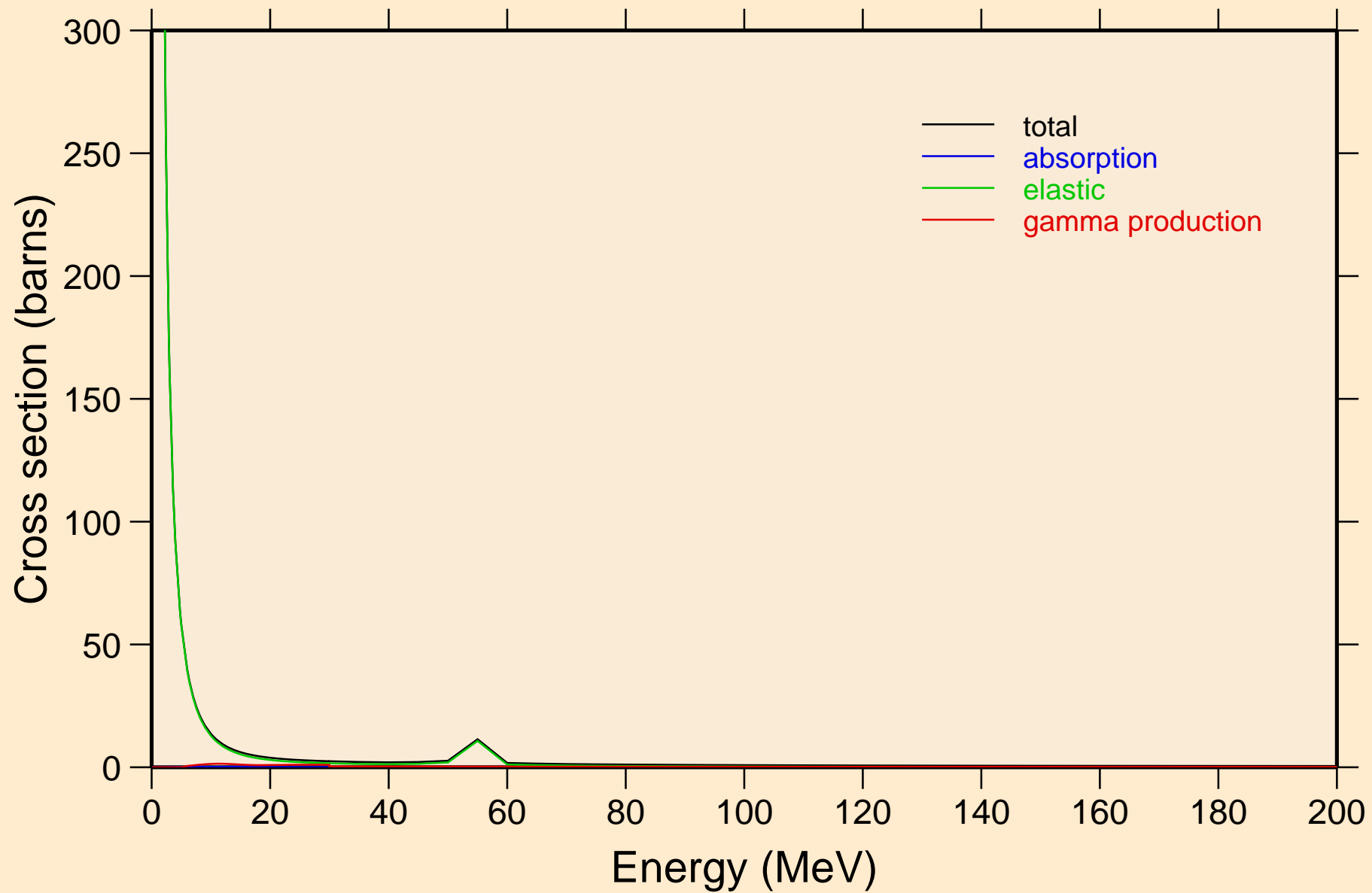
## Principal cross sections



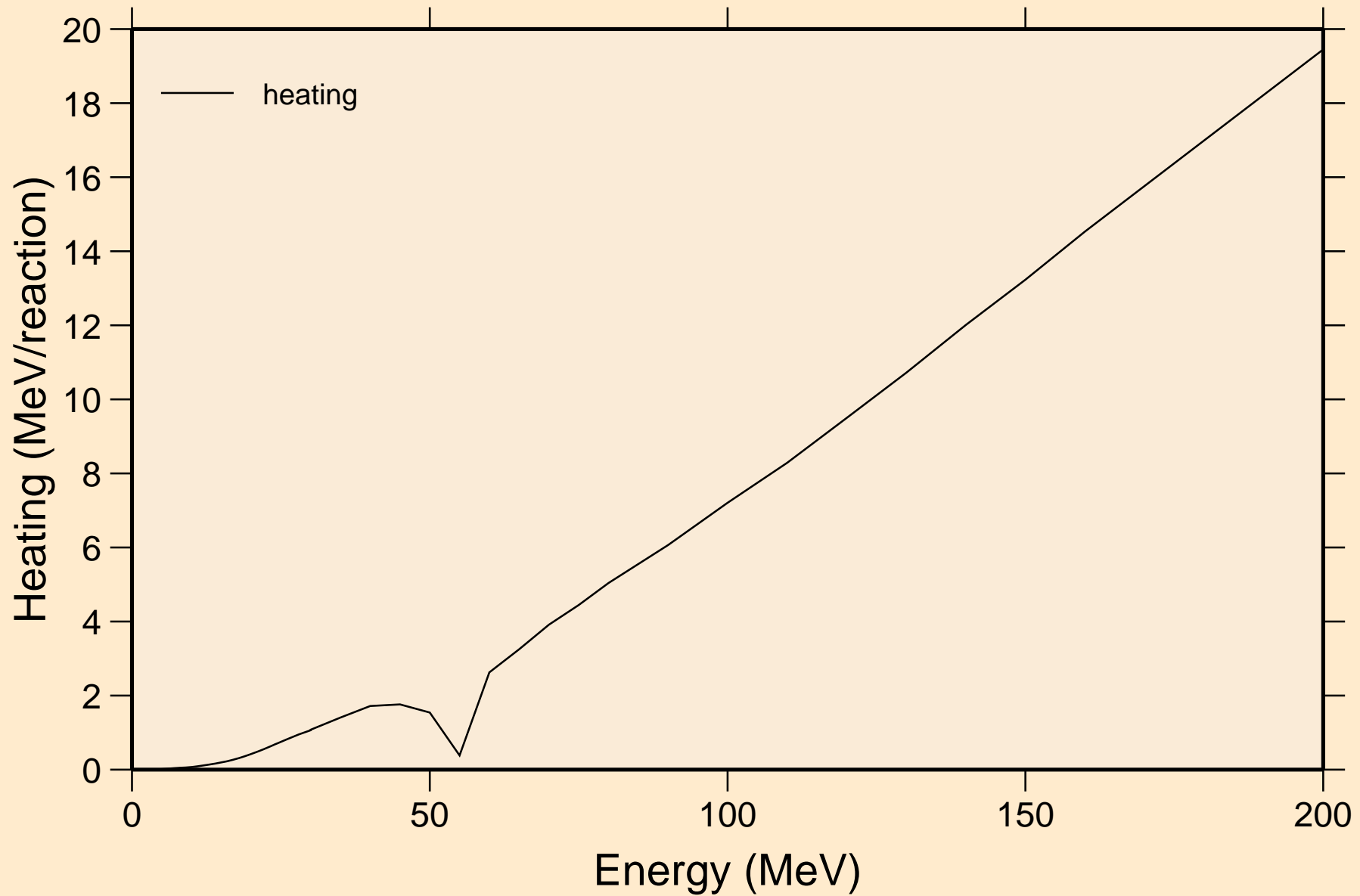
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



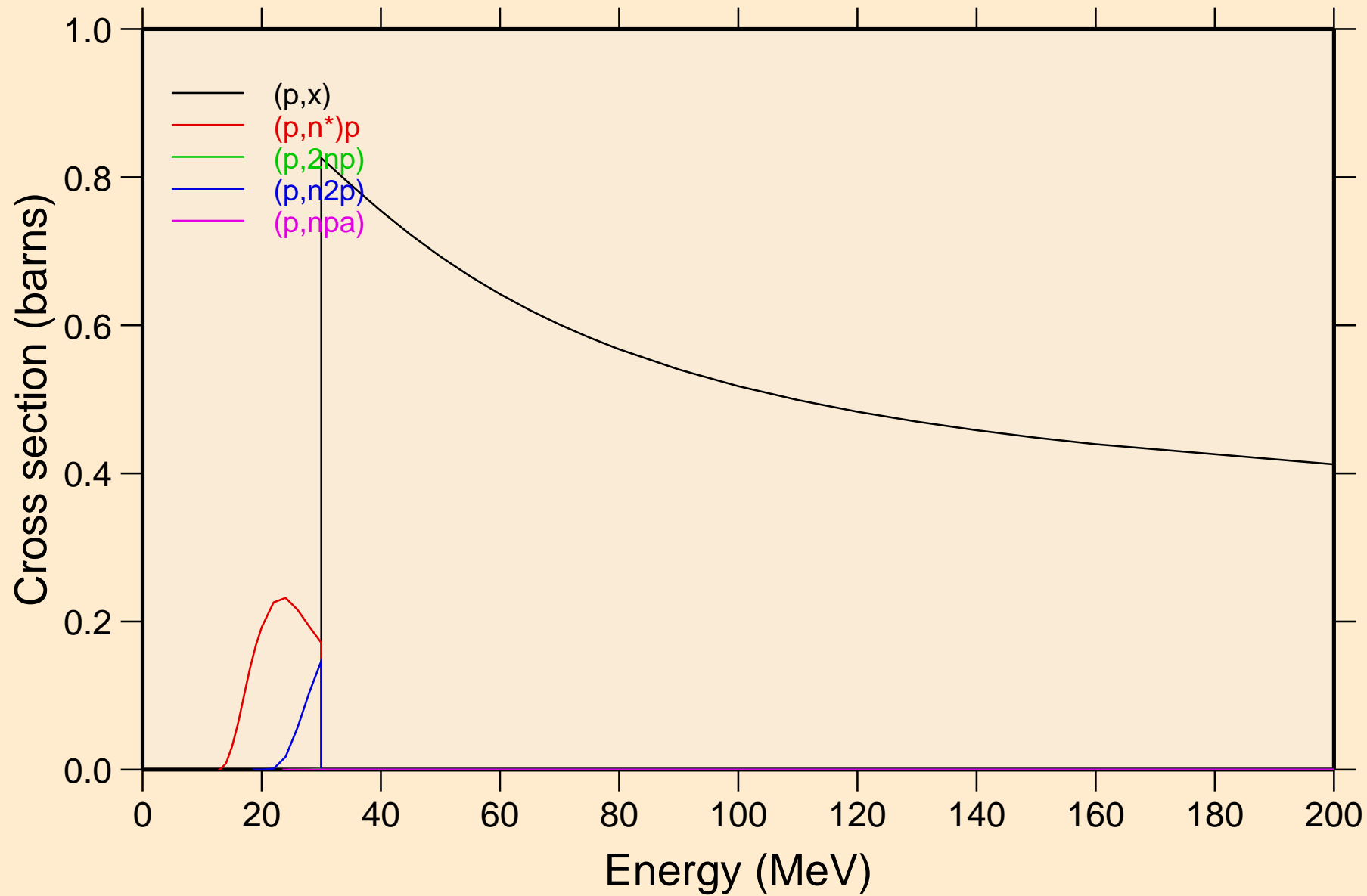
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



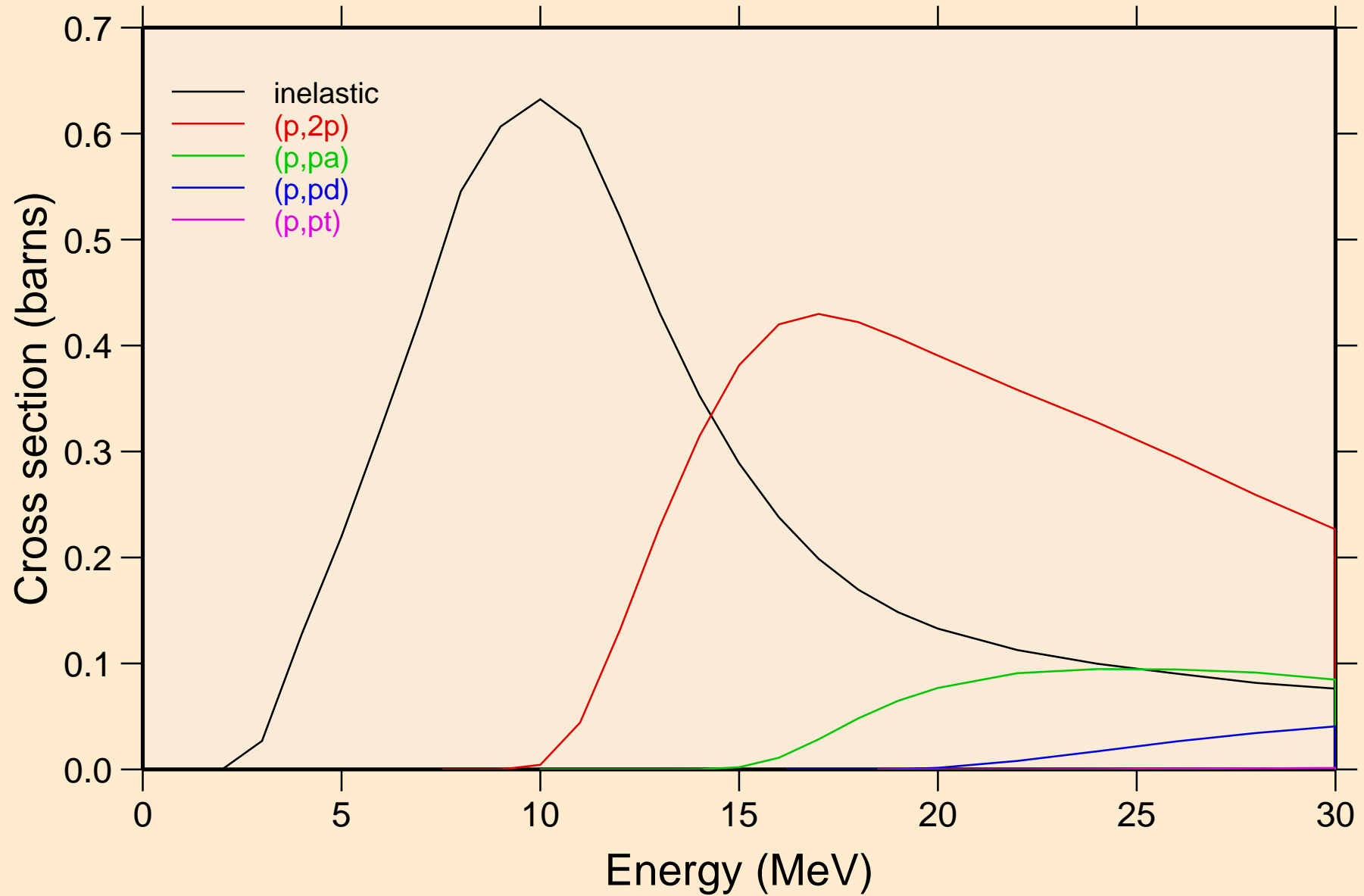
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



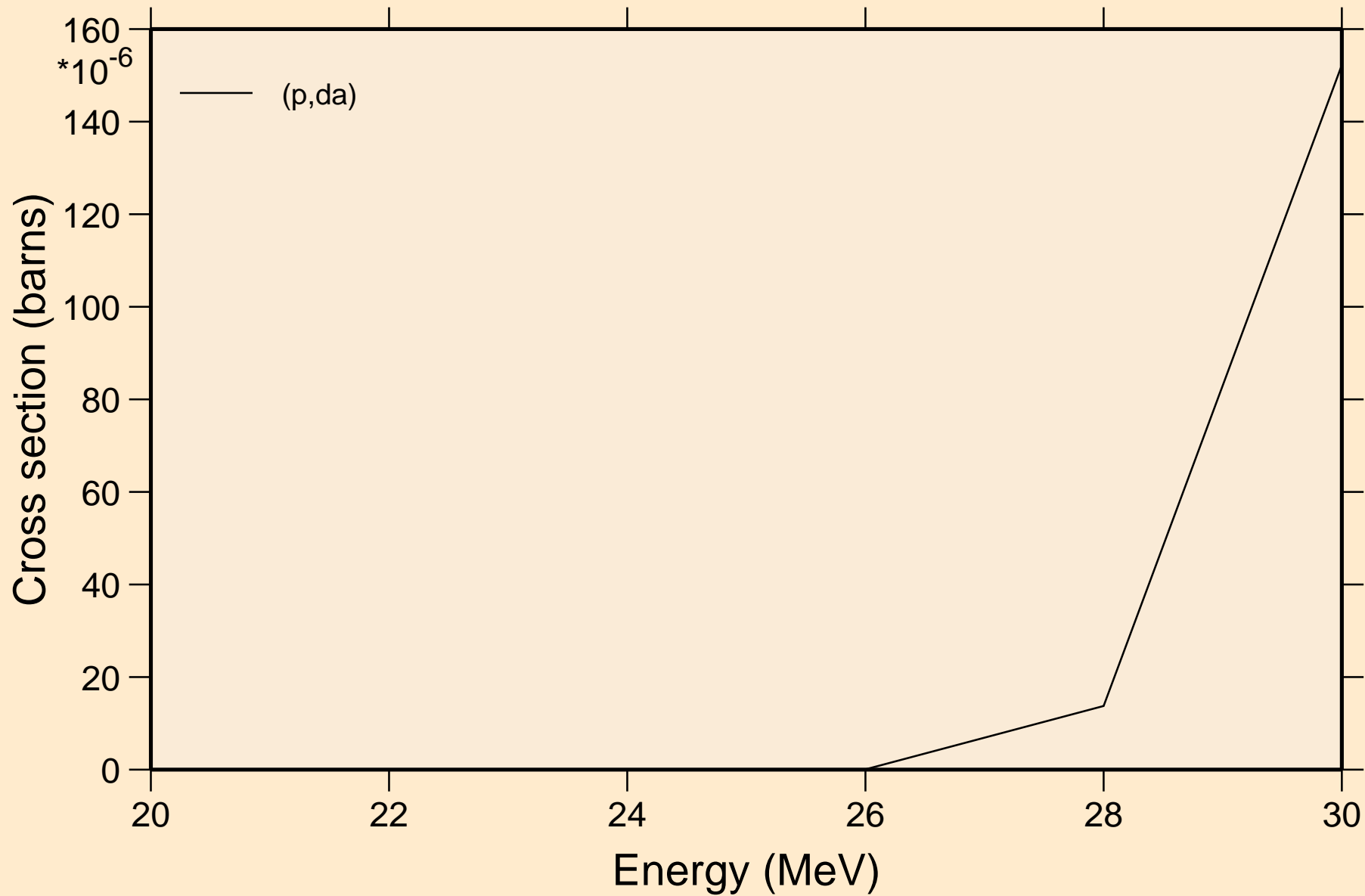
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



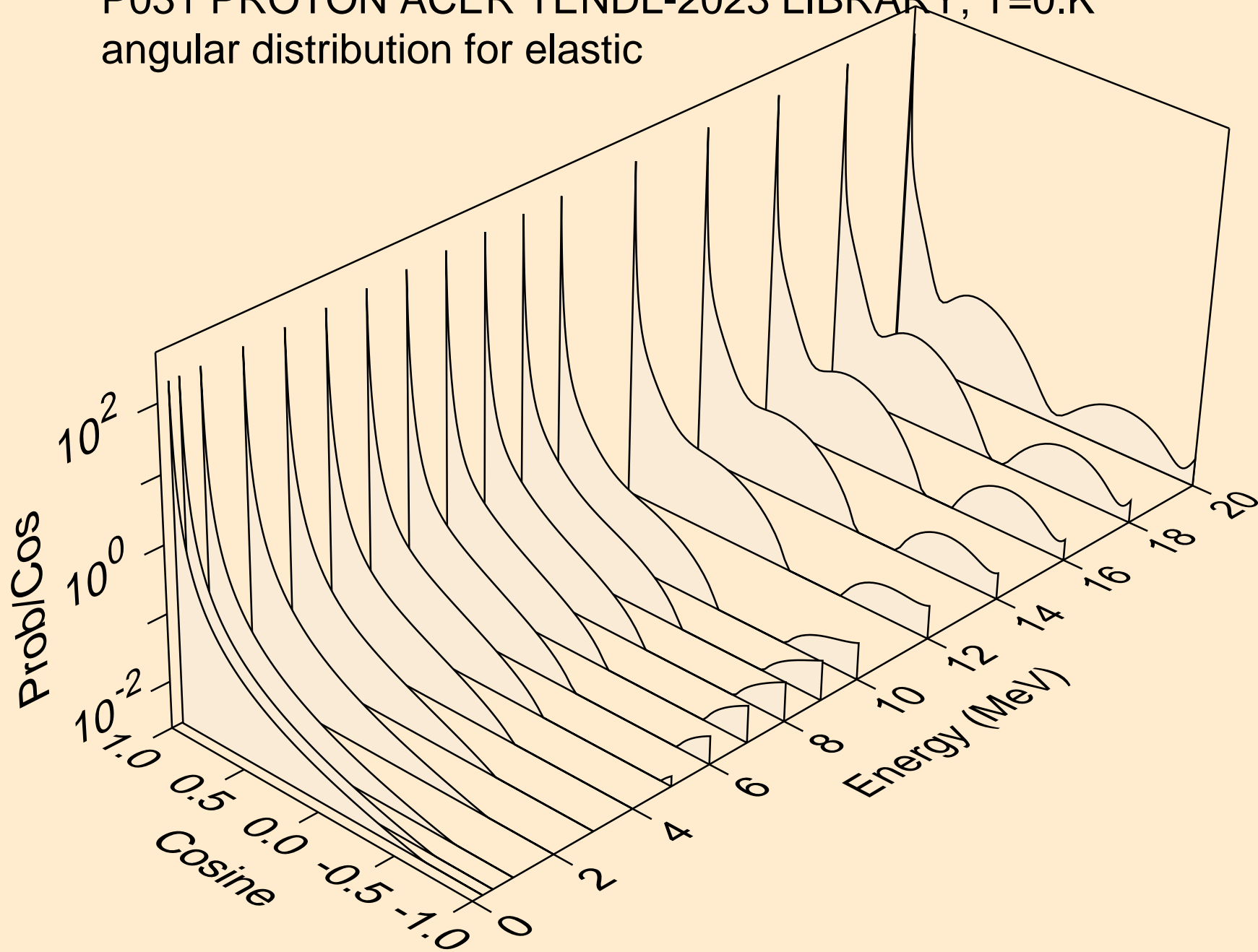
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

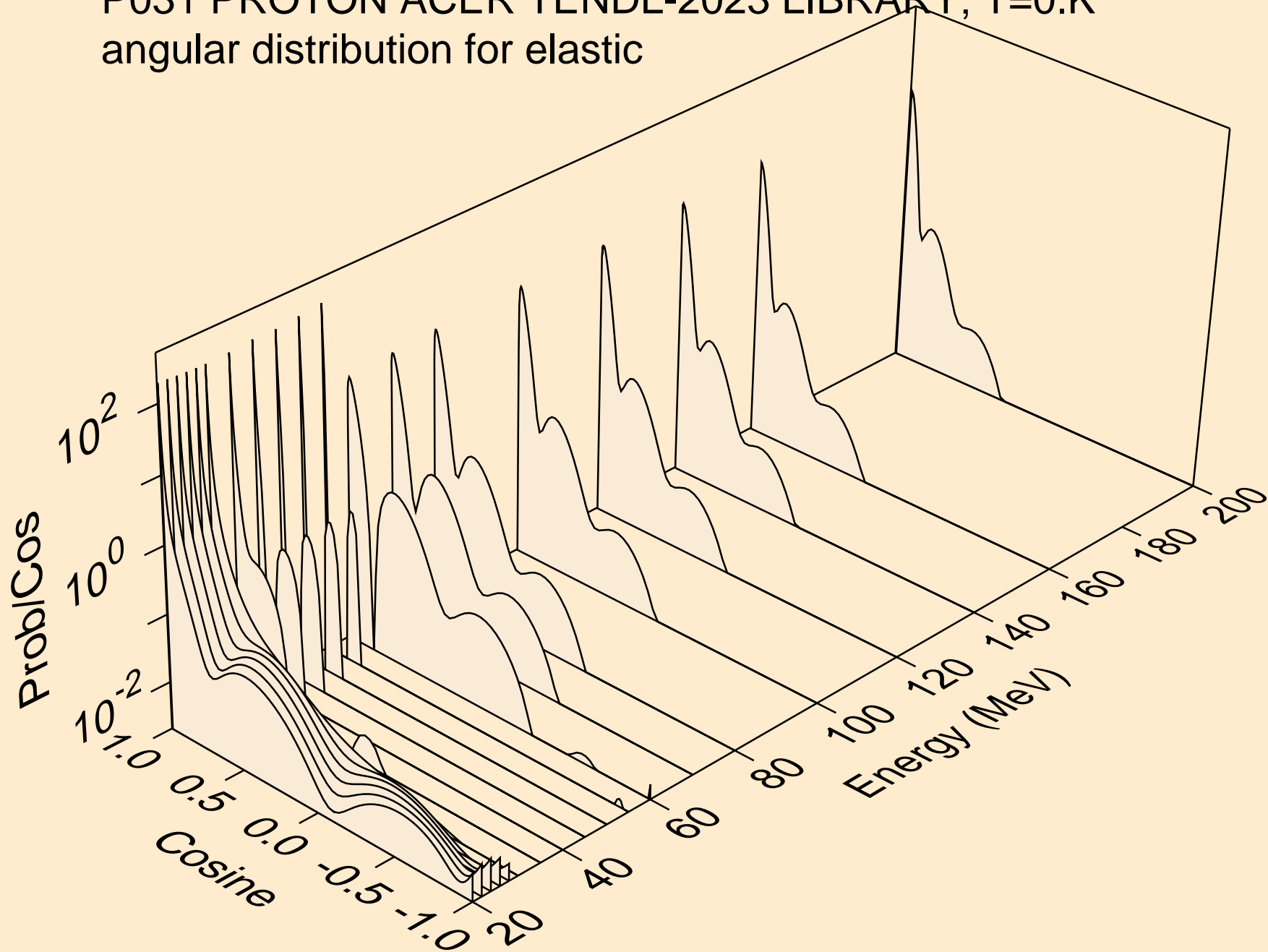


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

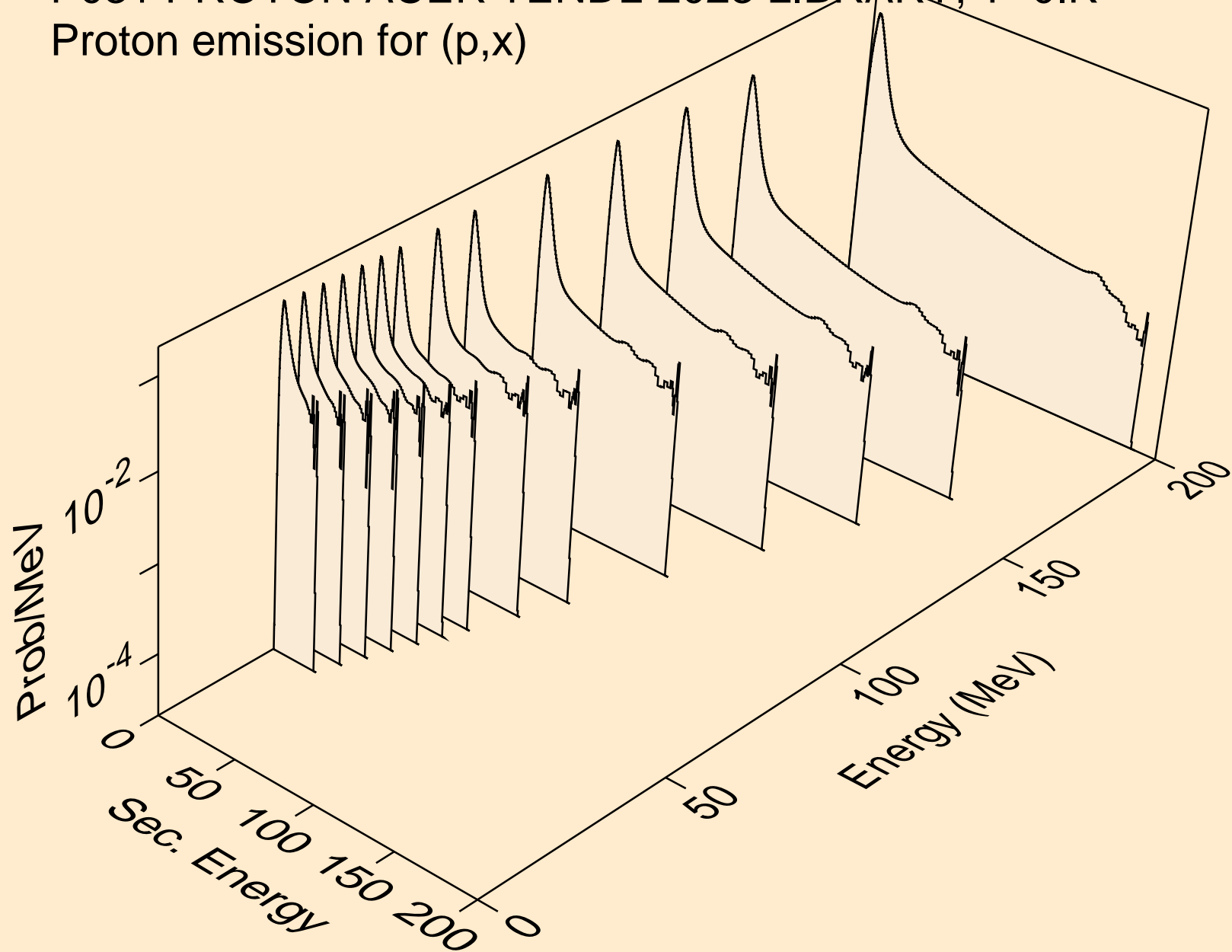




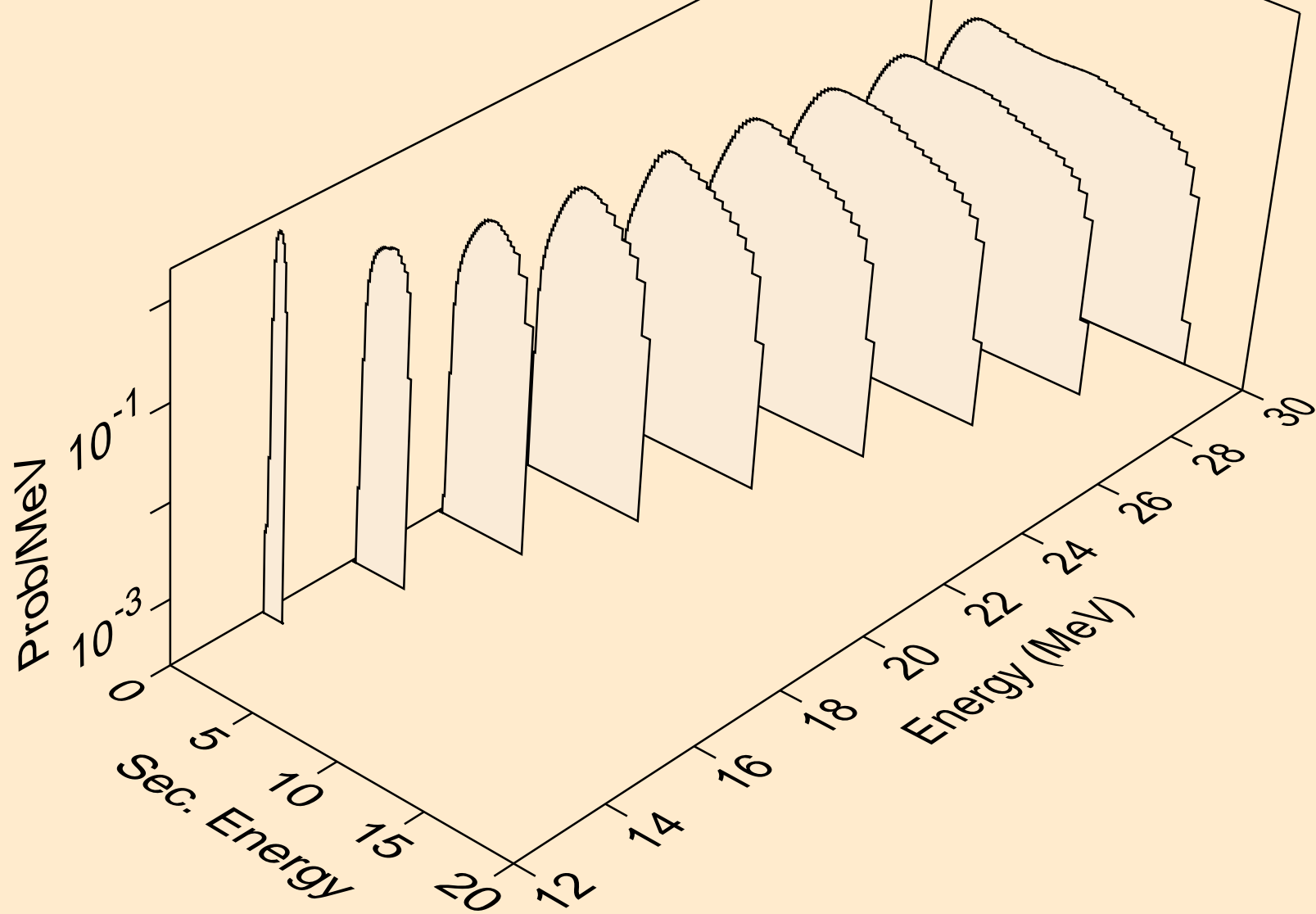
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angular distribution for elastic



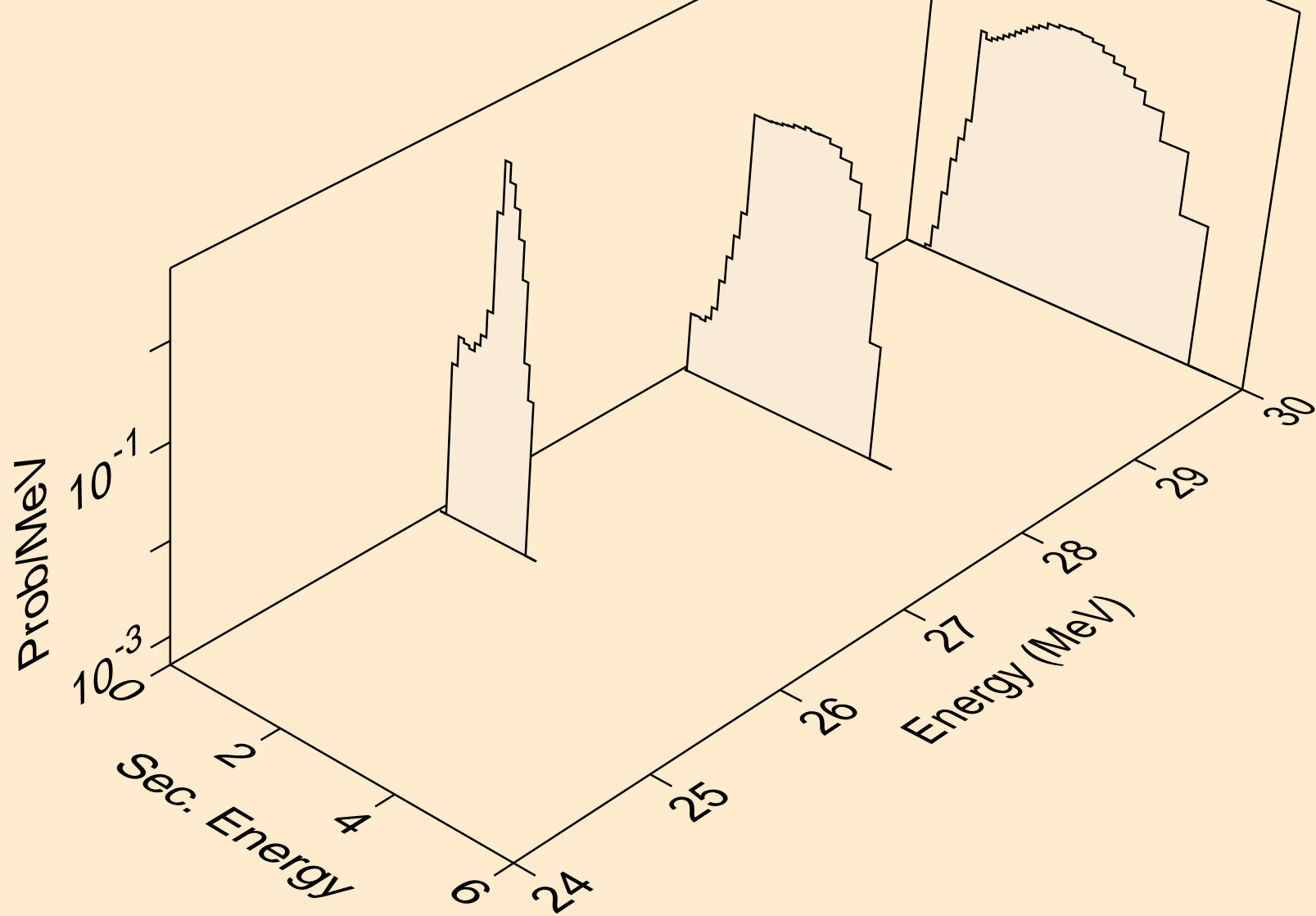
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



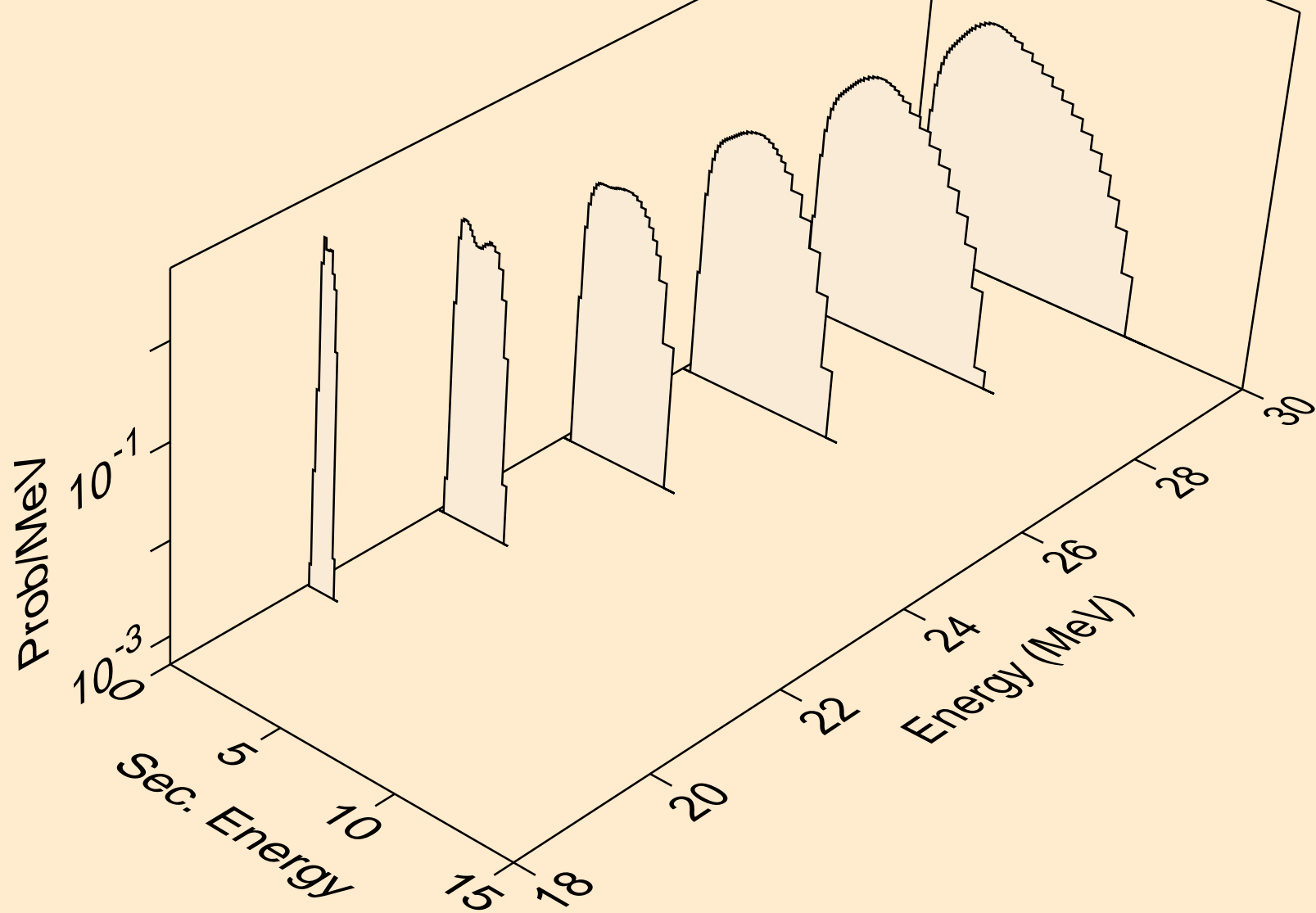
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



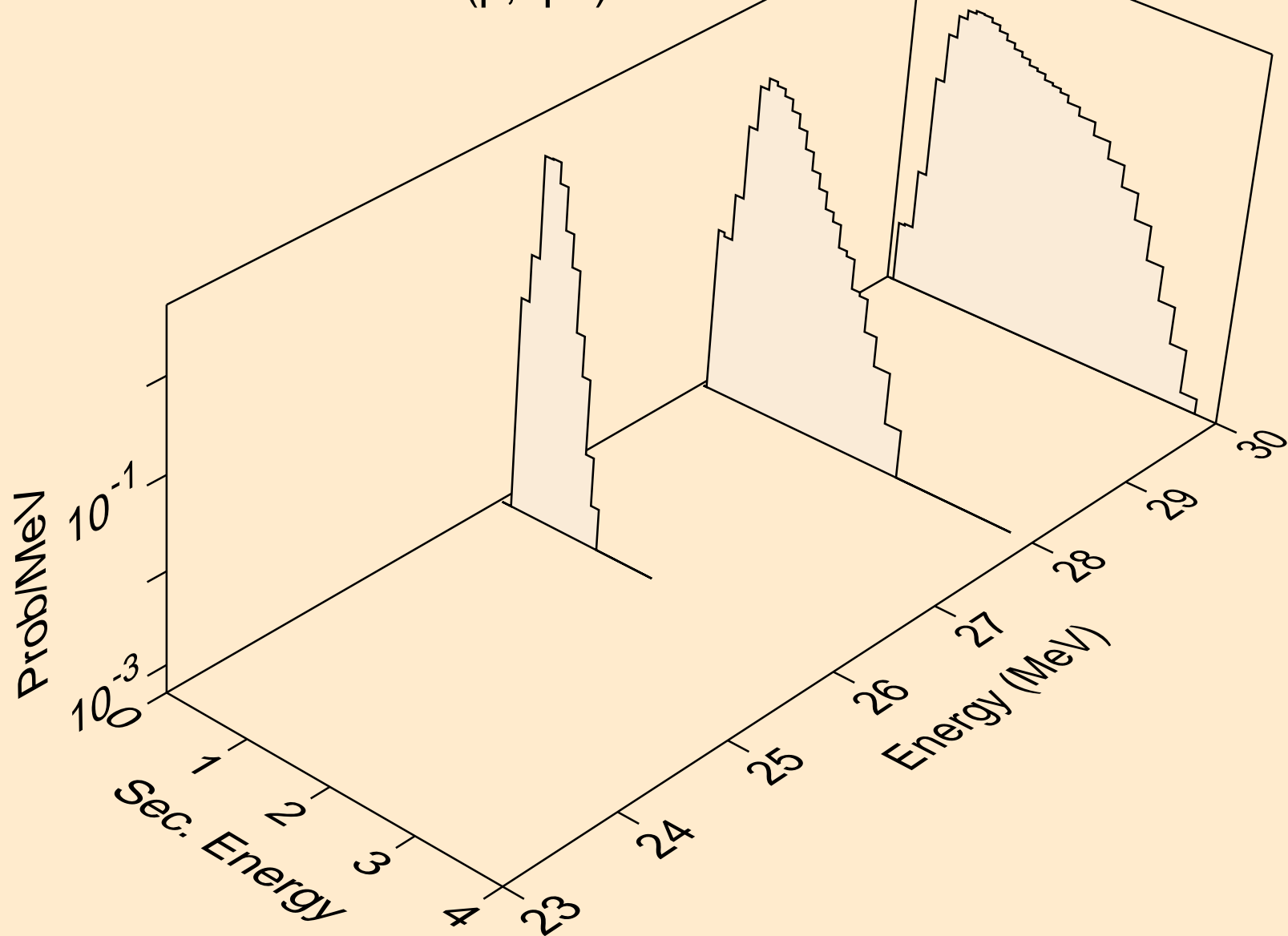
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



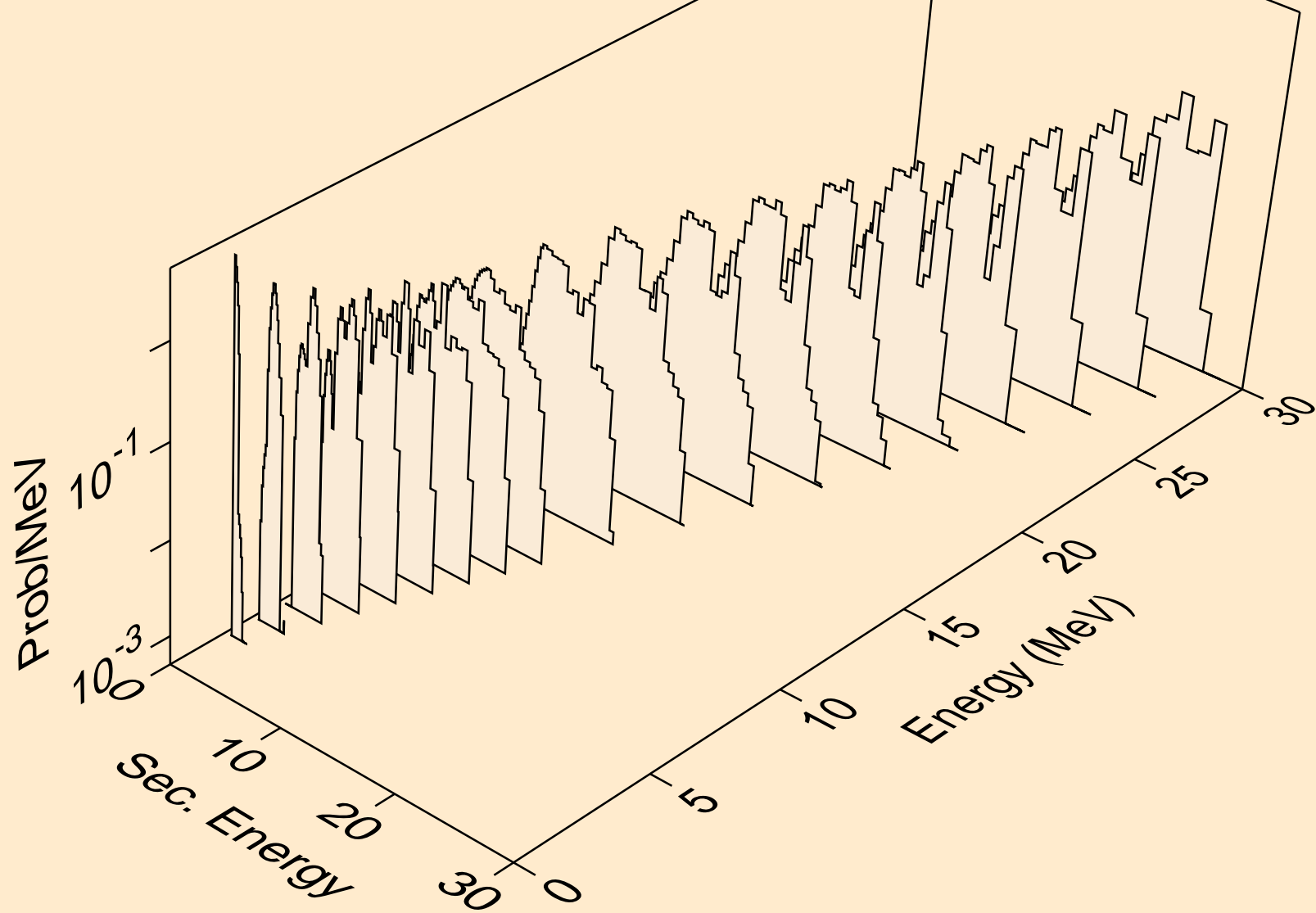
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



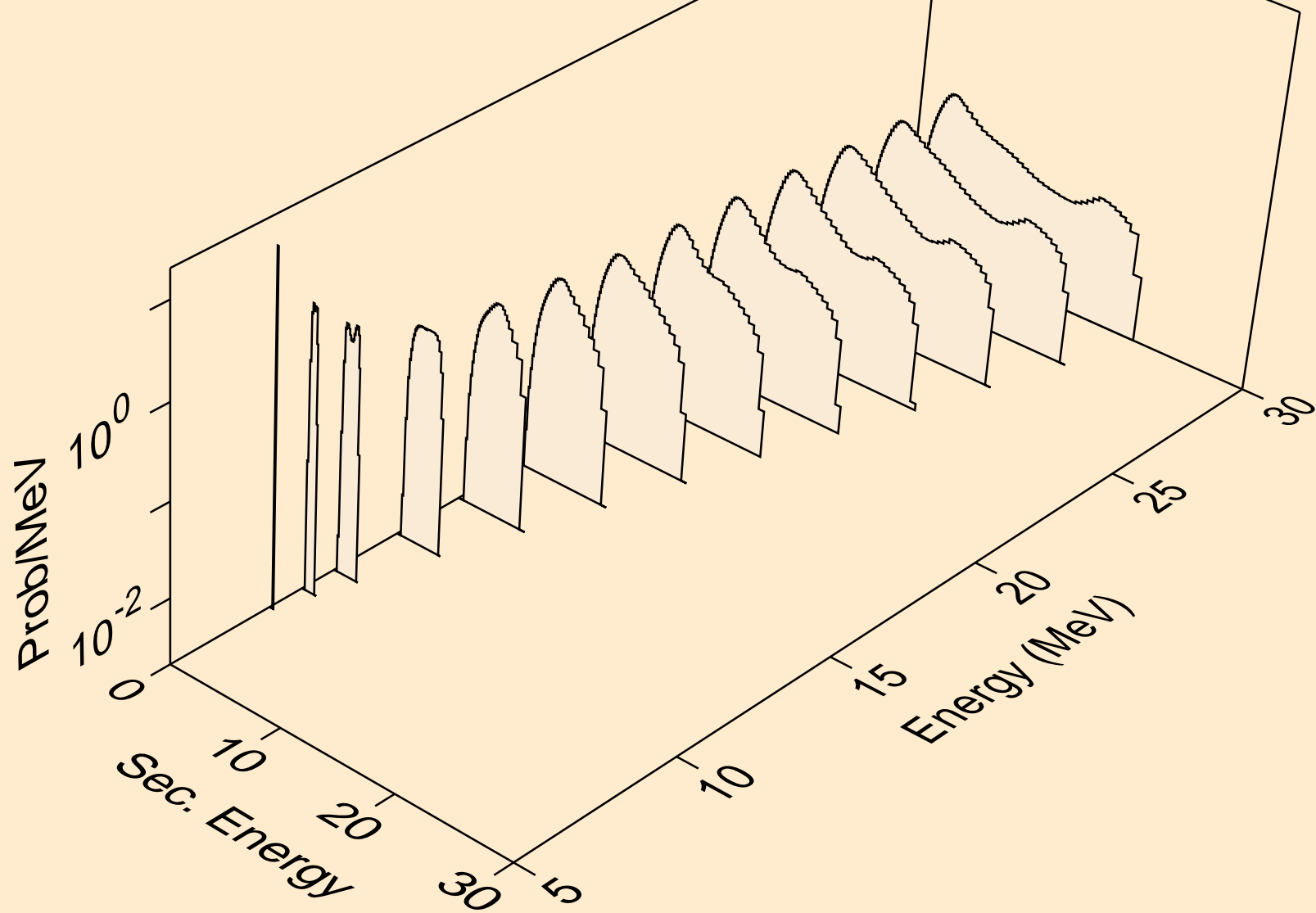
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

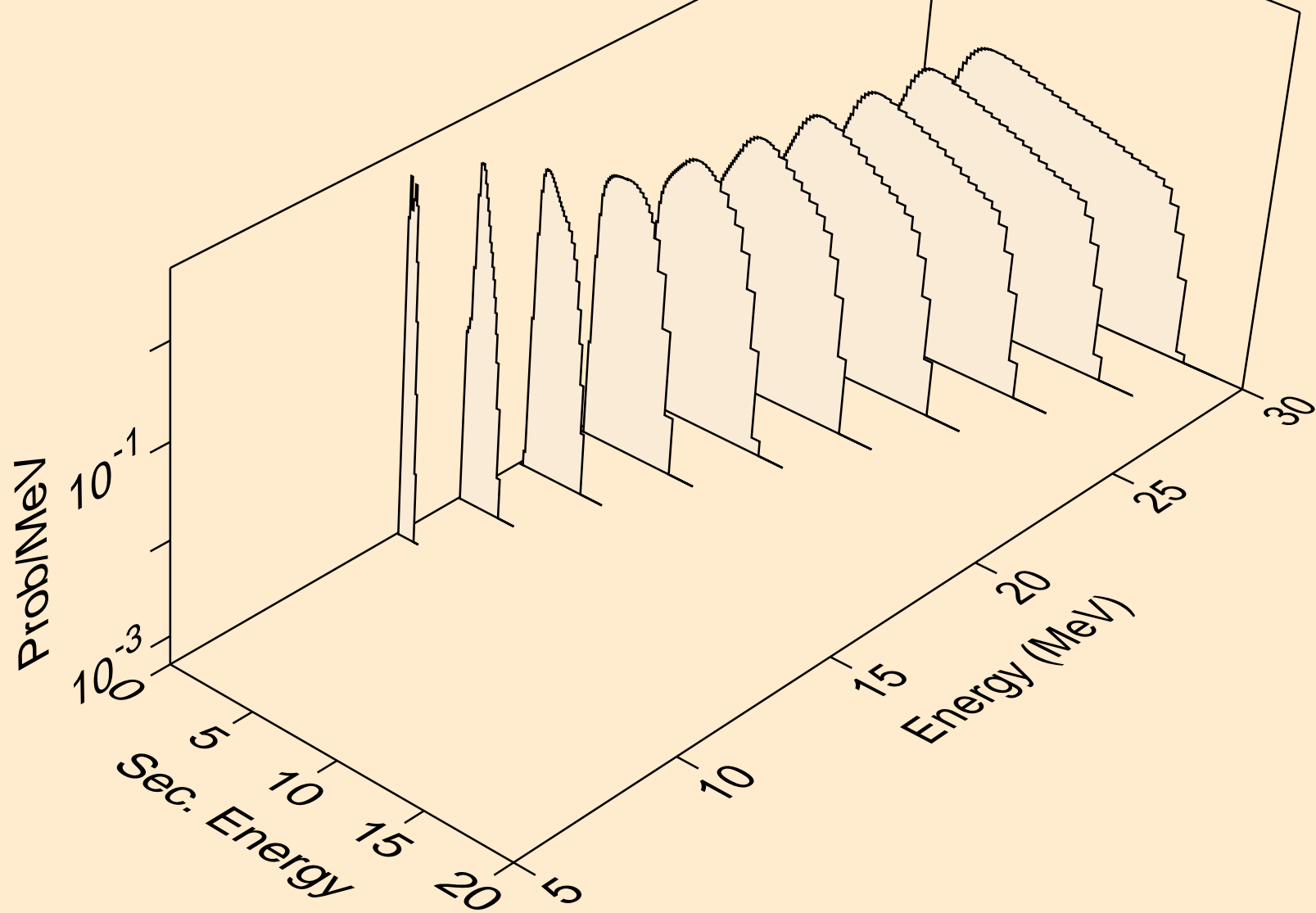


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

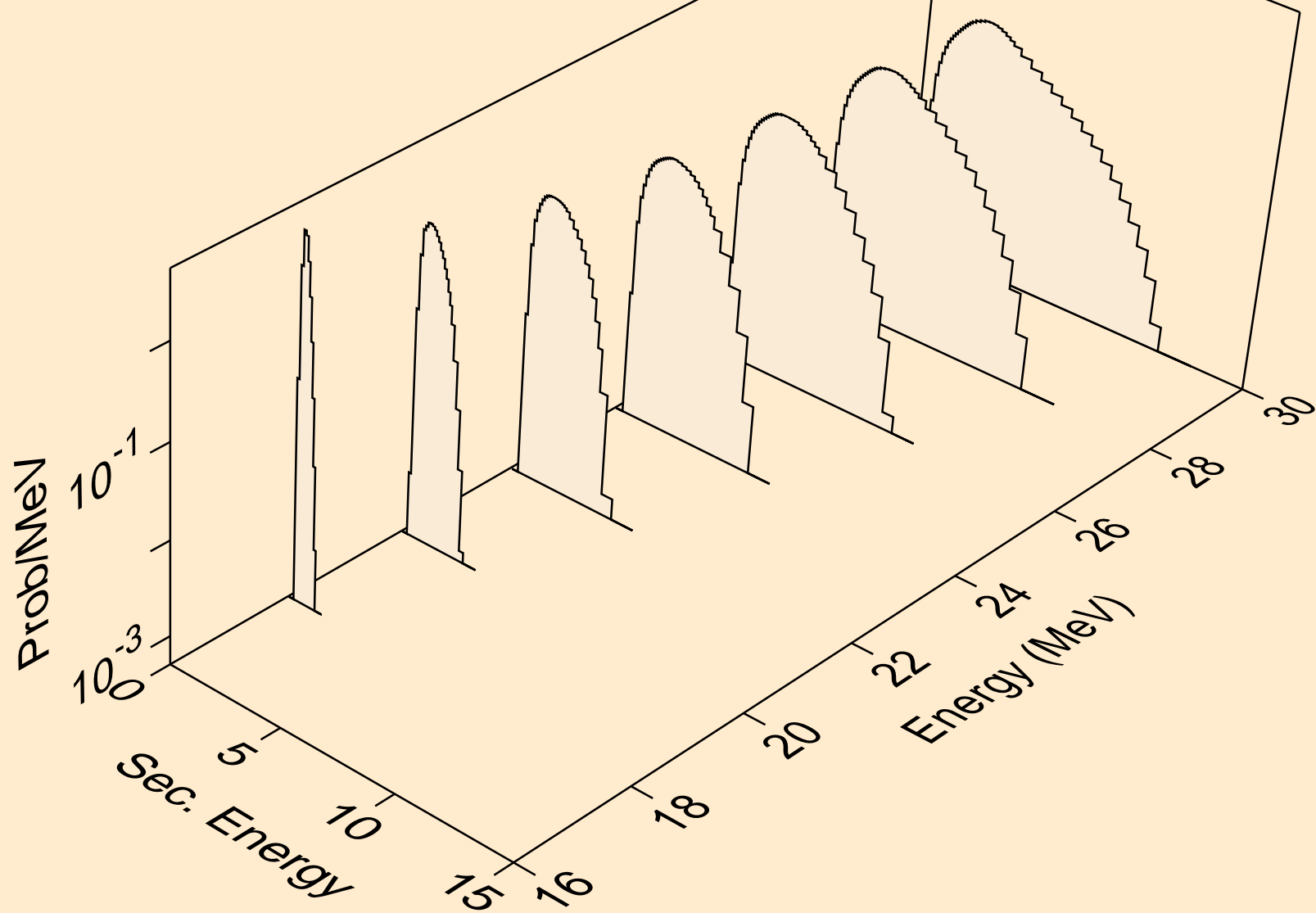




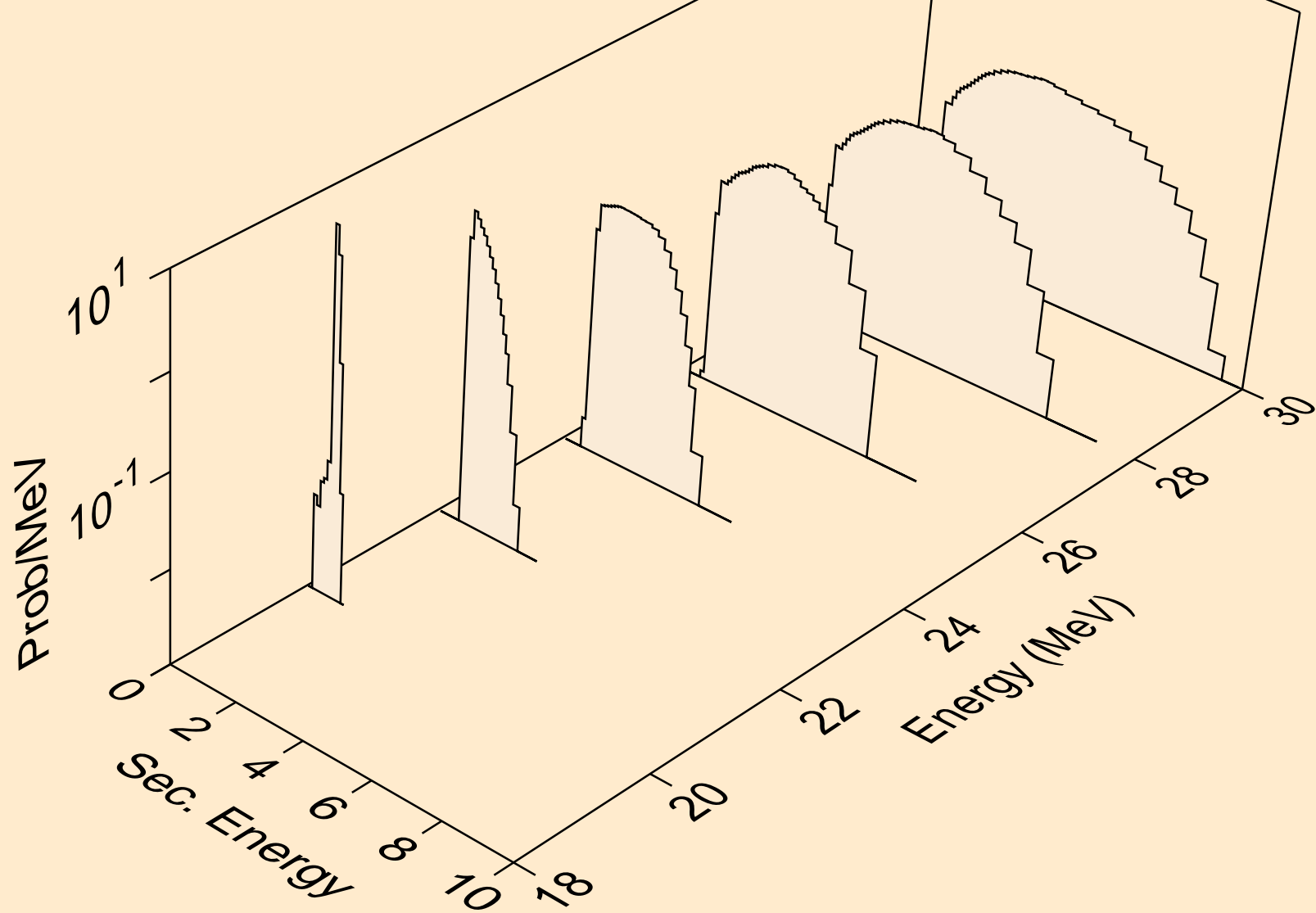
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Proton emission for (p,pa)



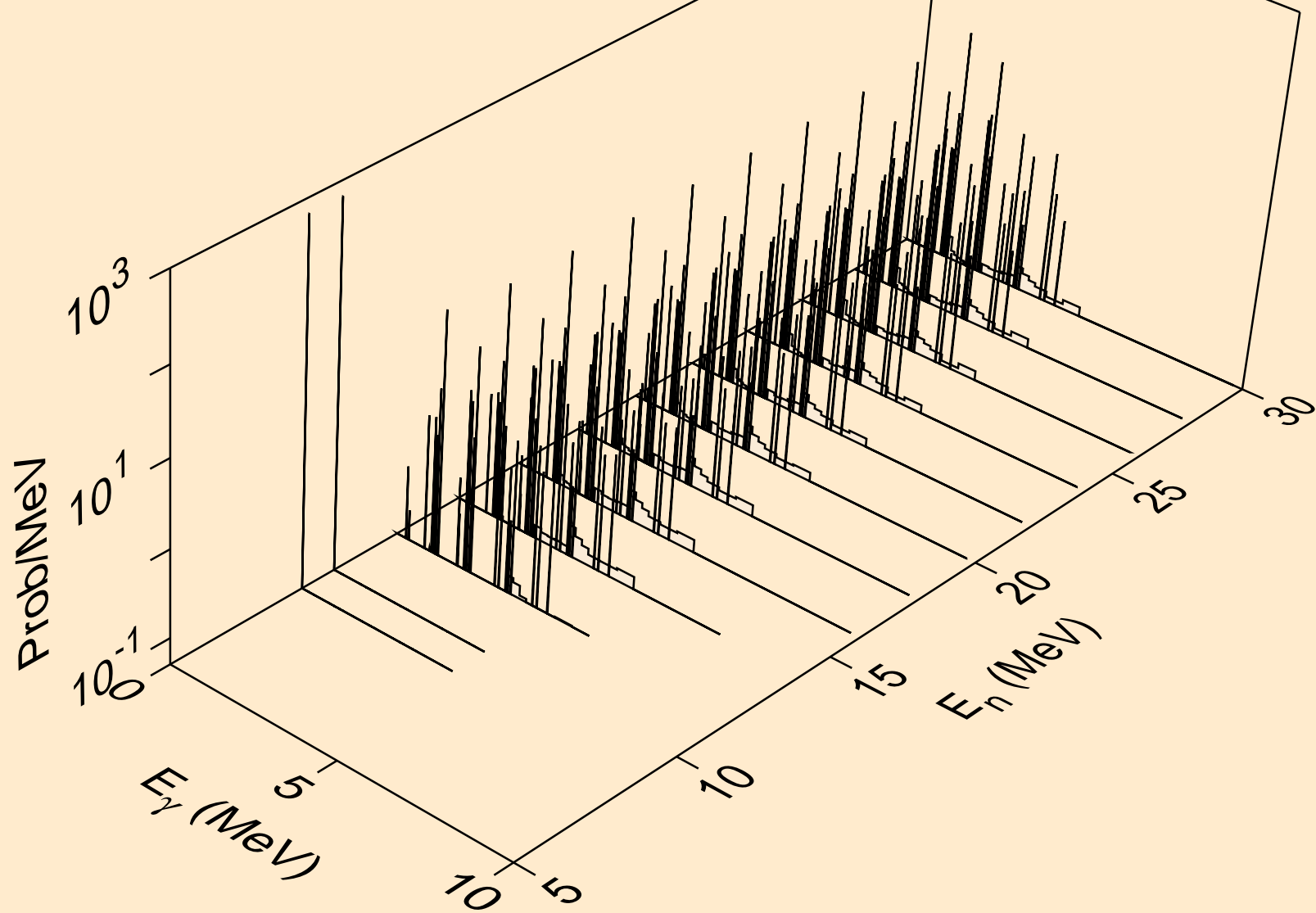
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



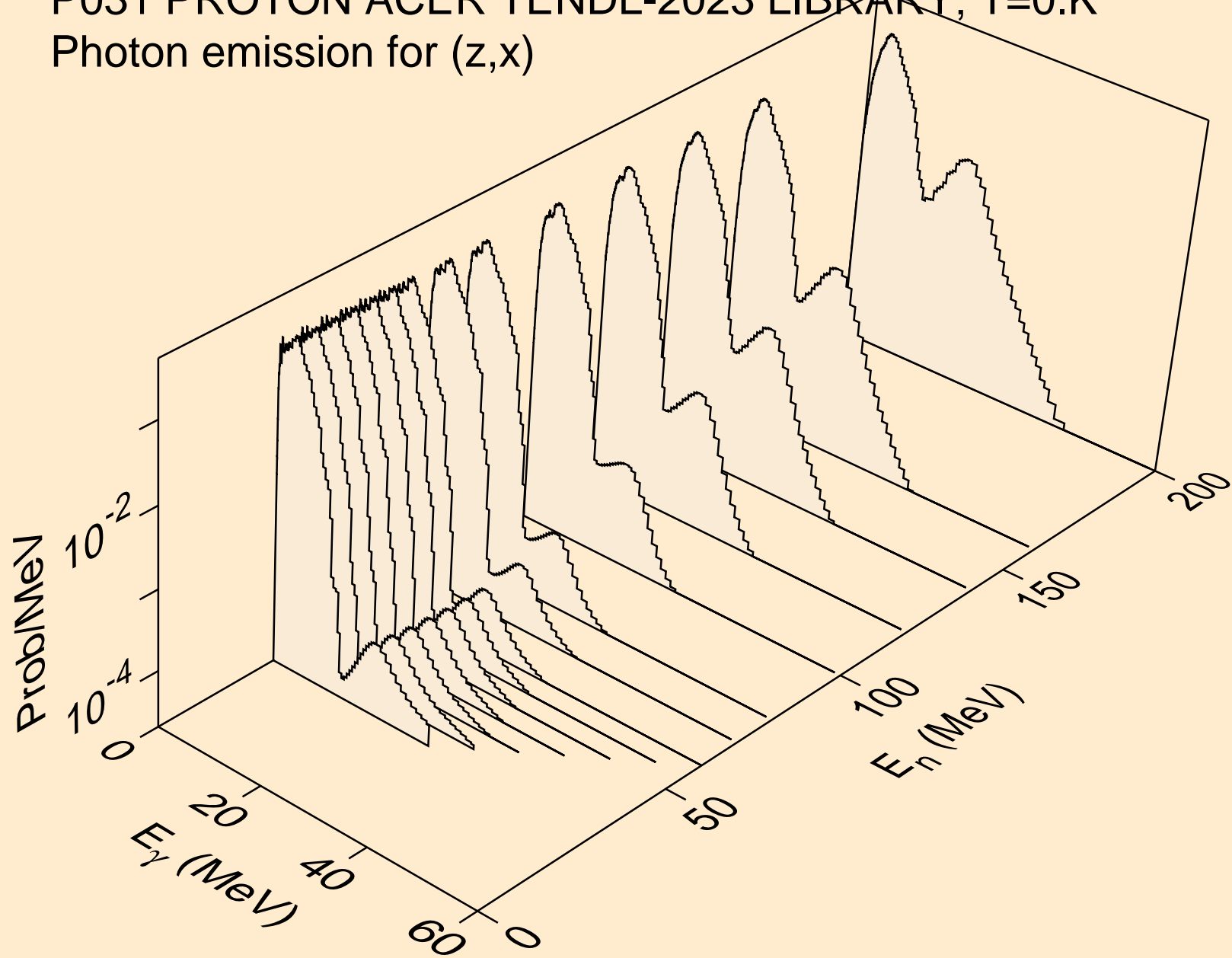
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



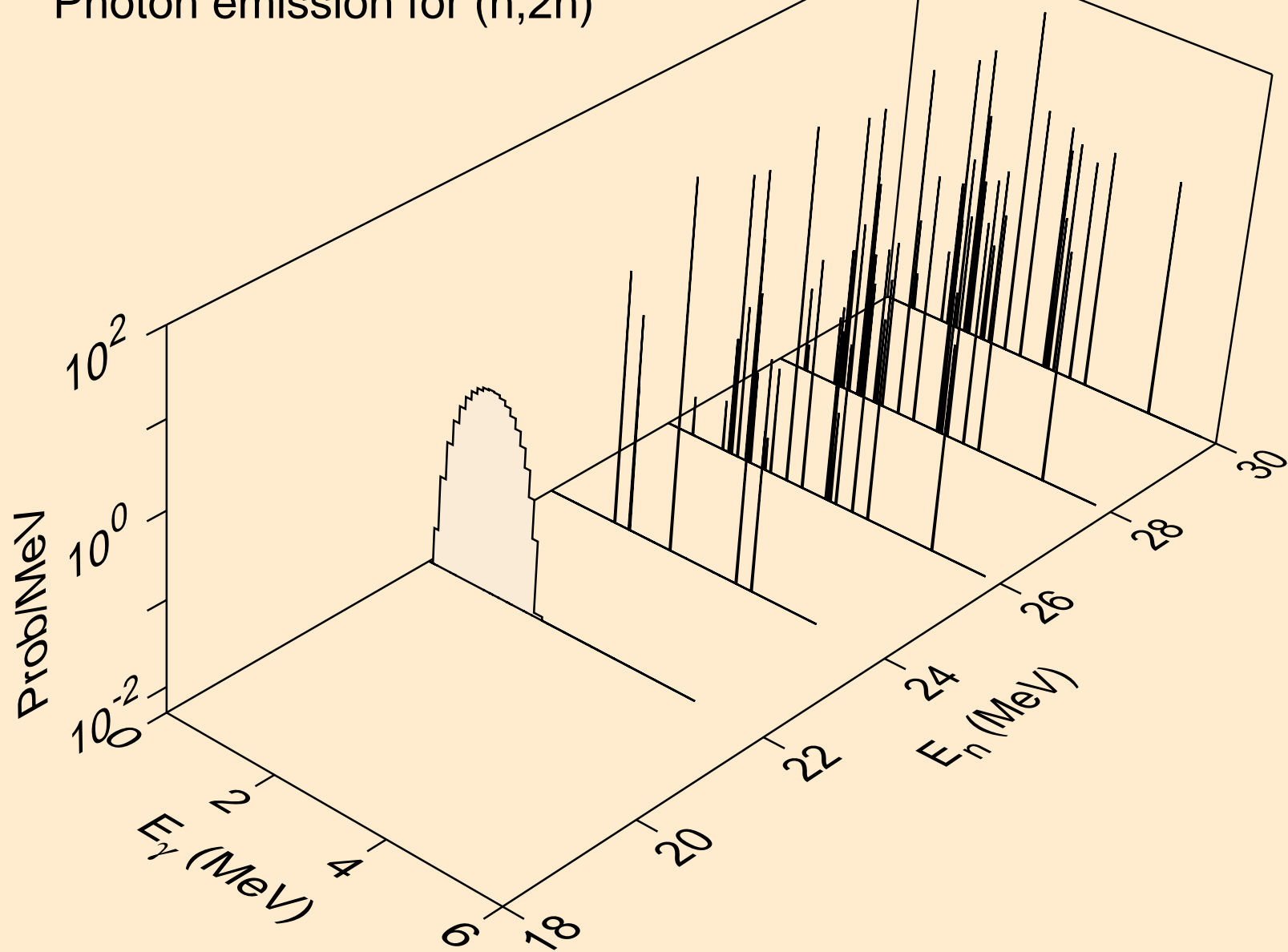
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



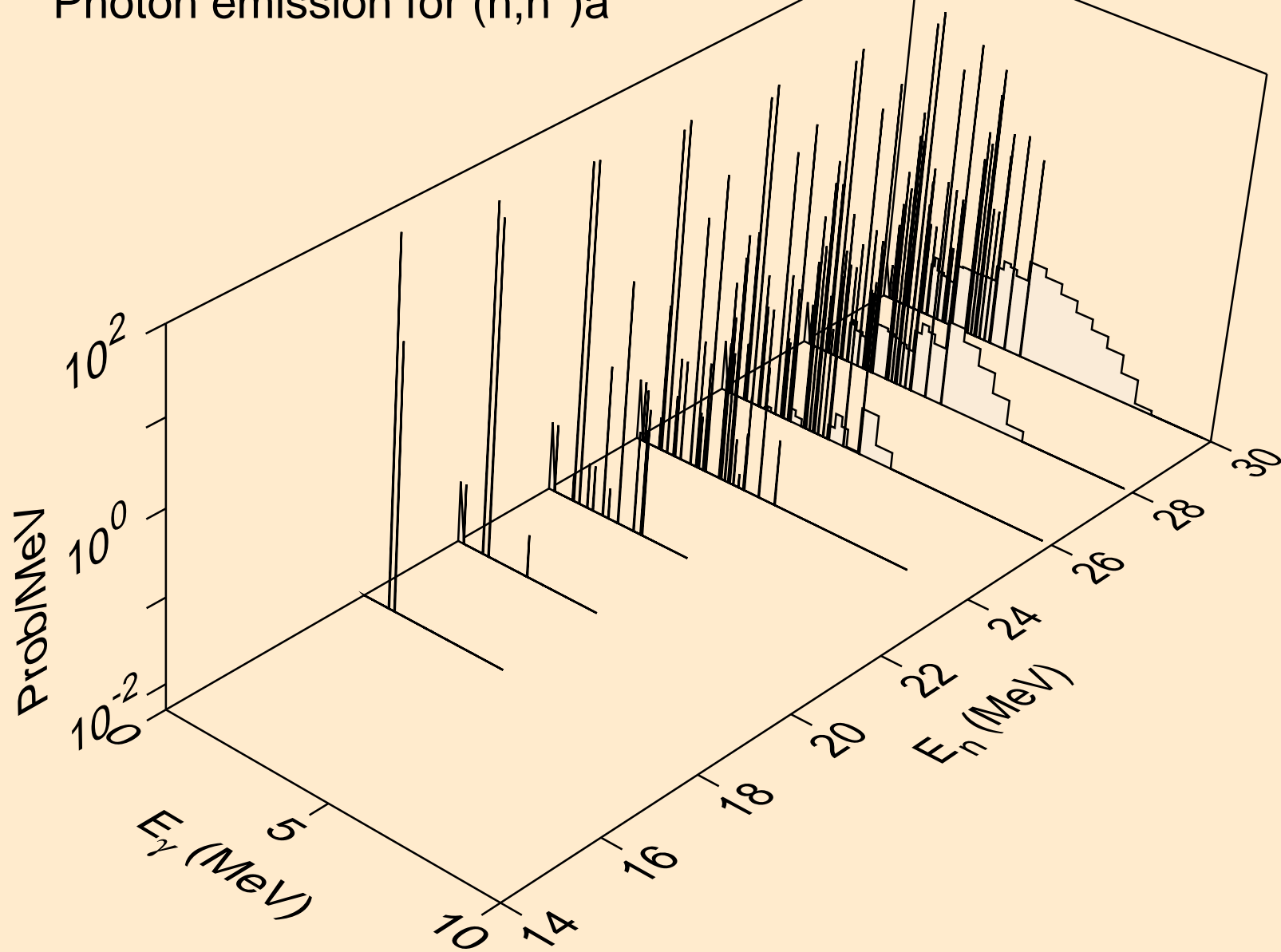
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



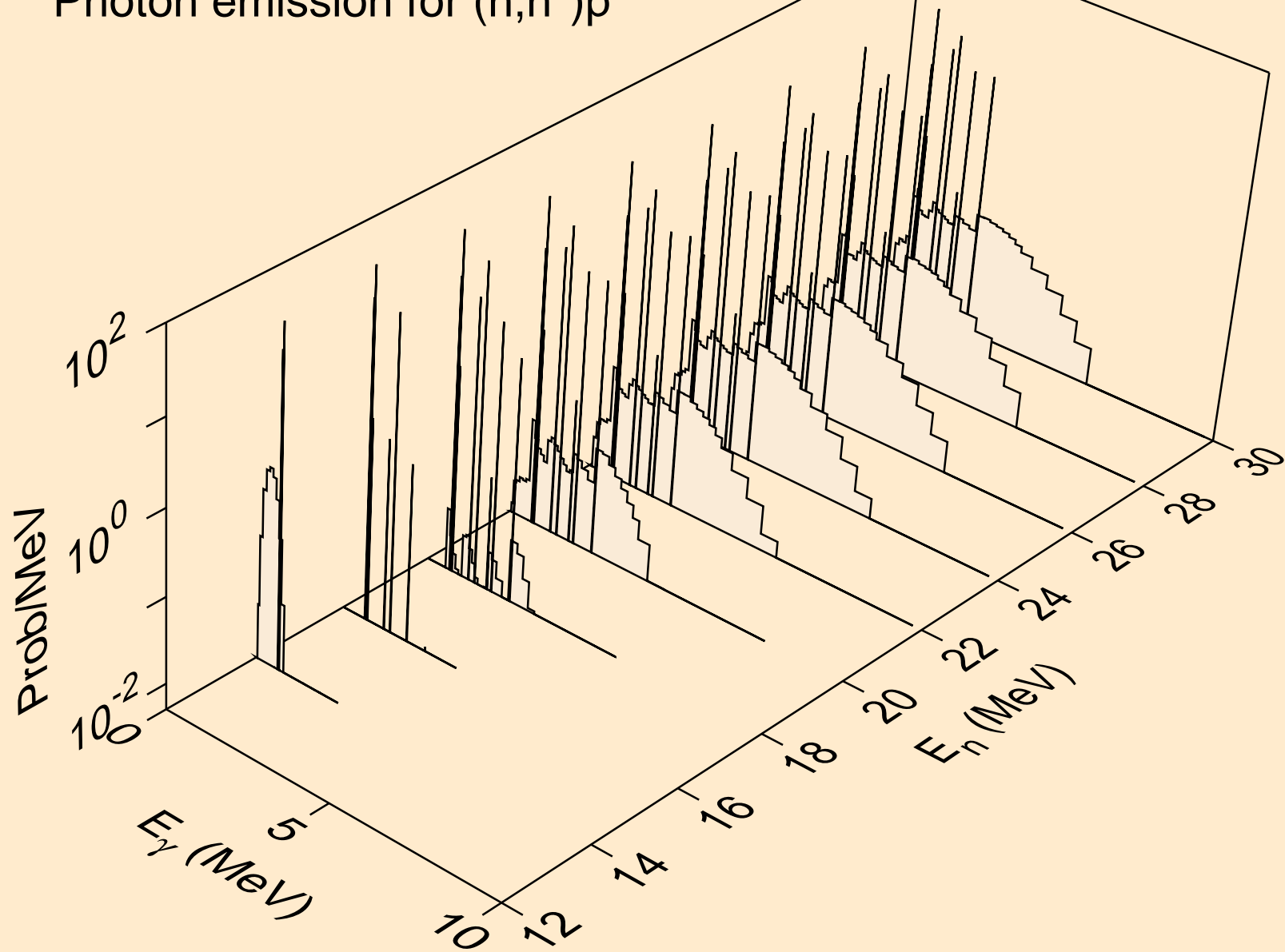
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

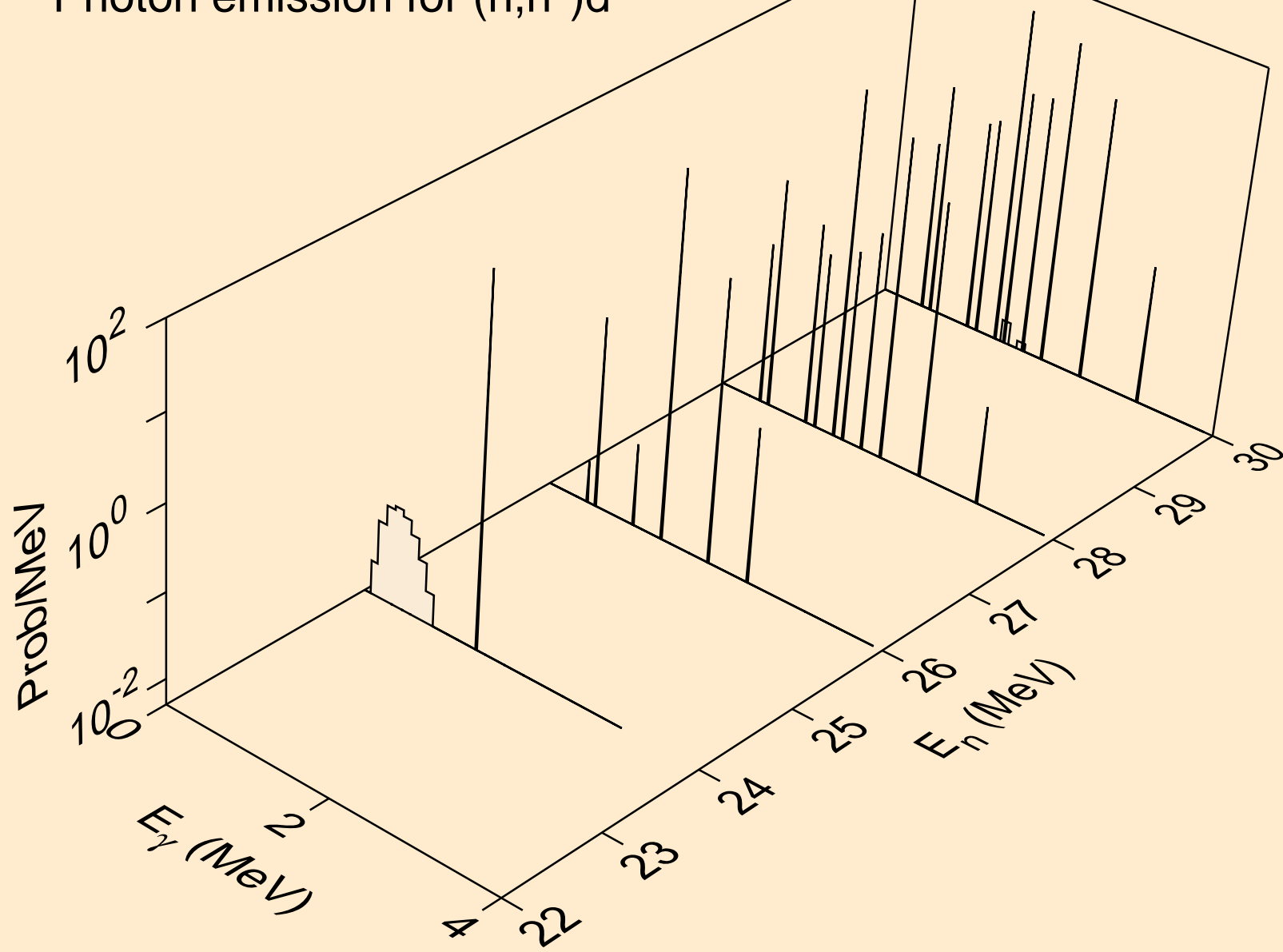


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

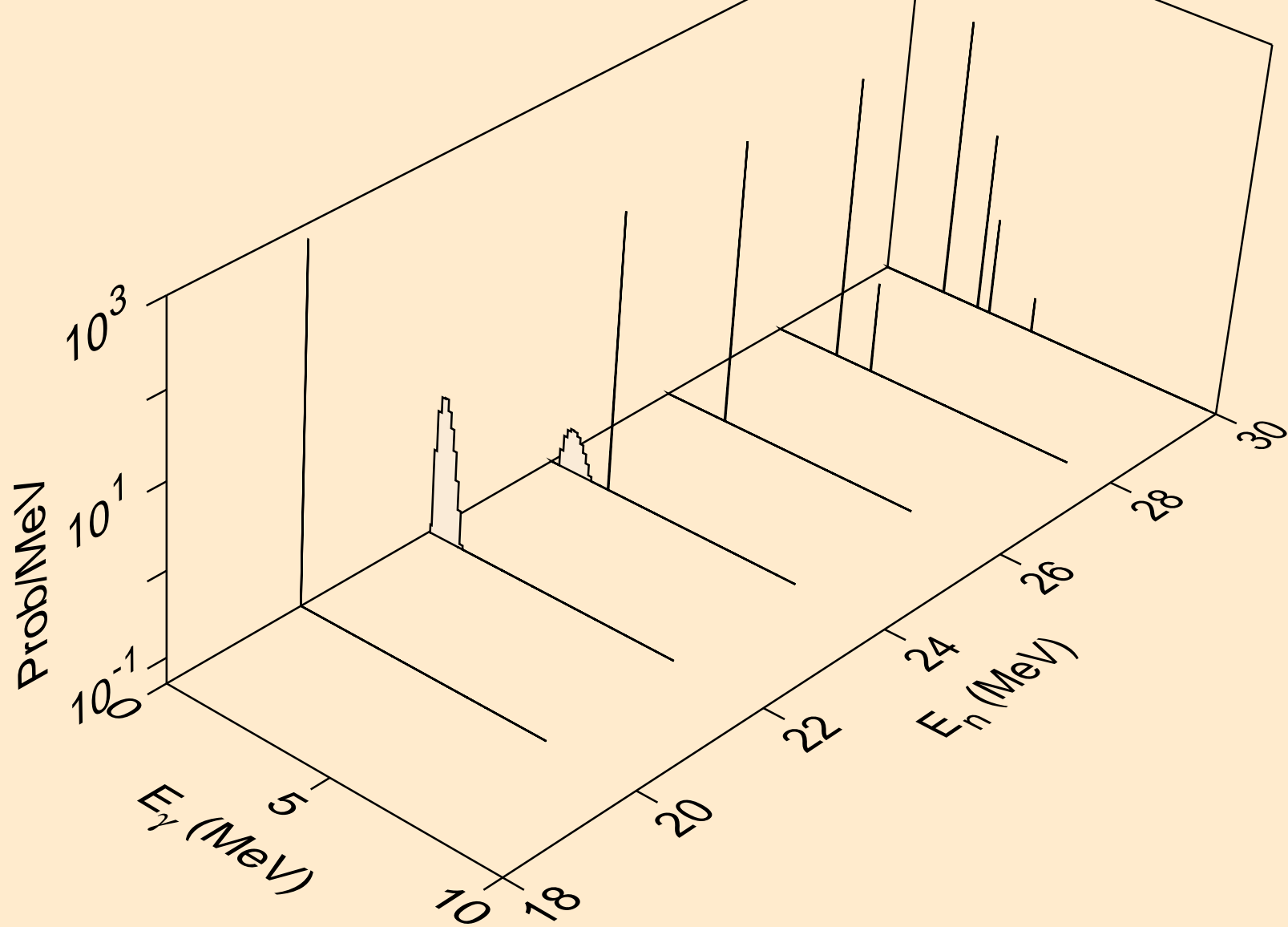




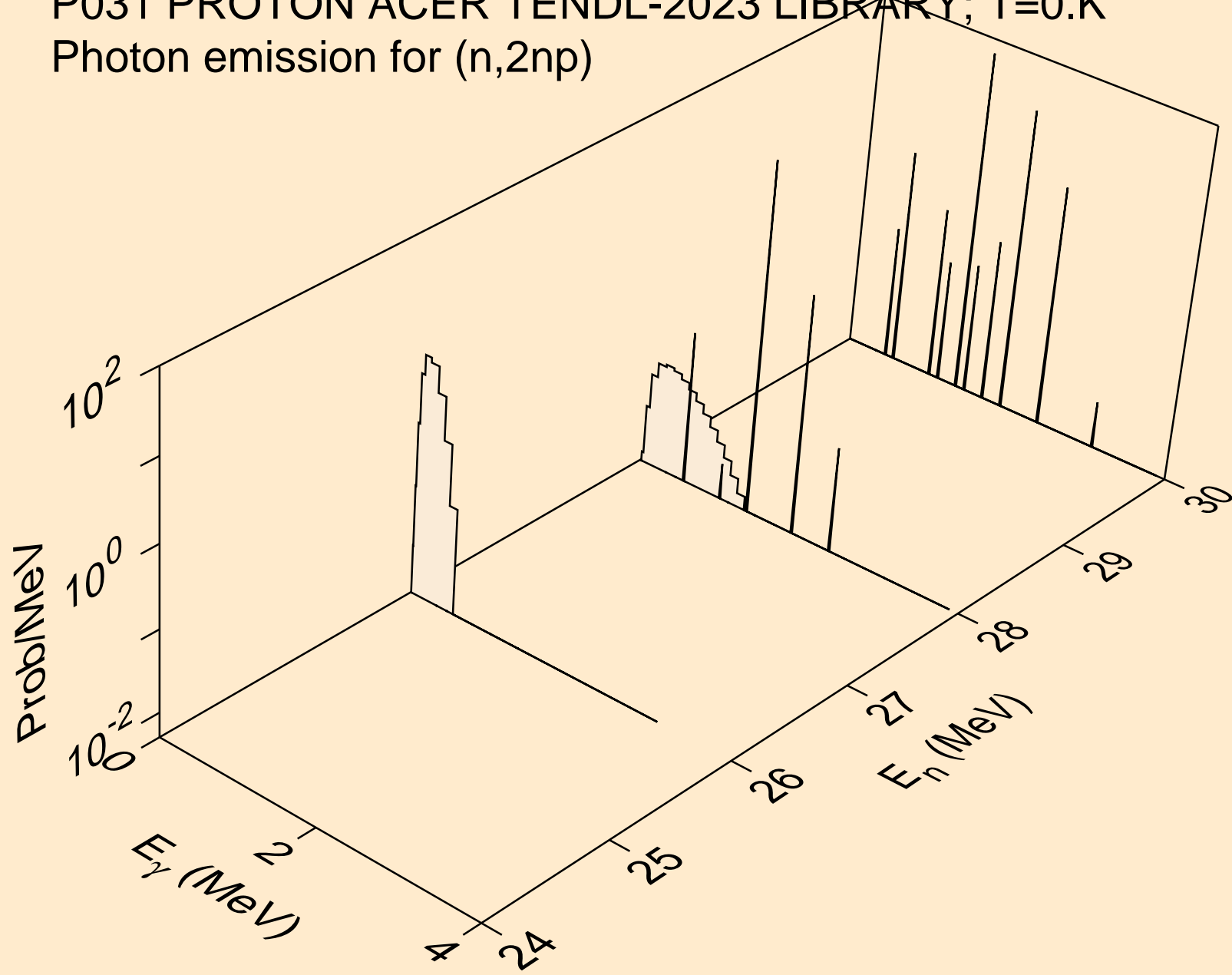
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



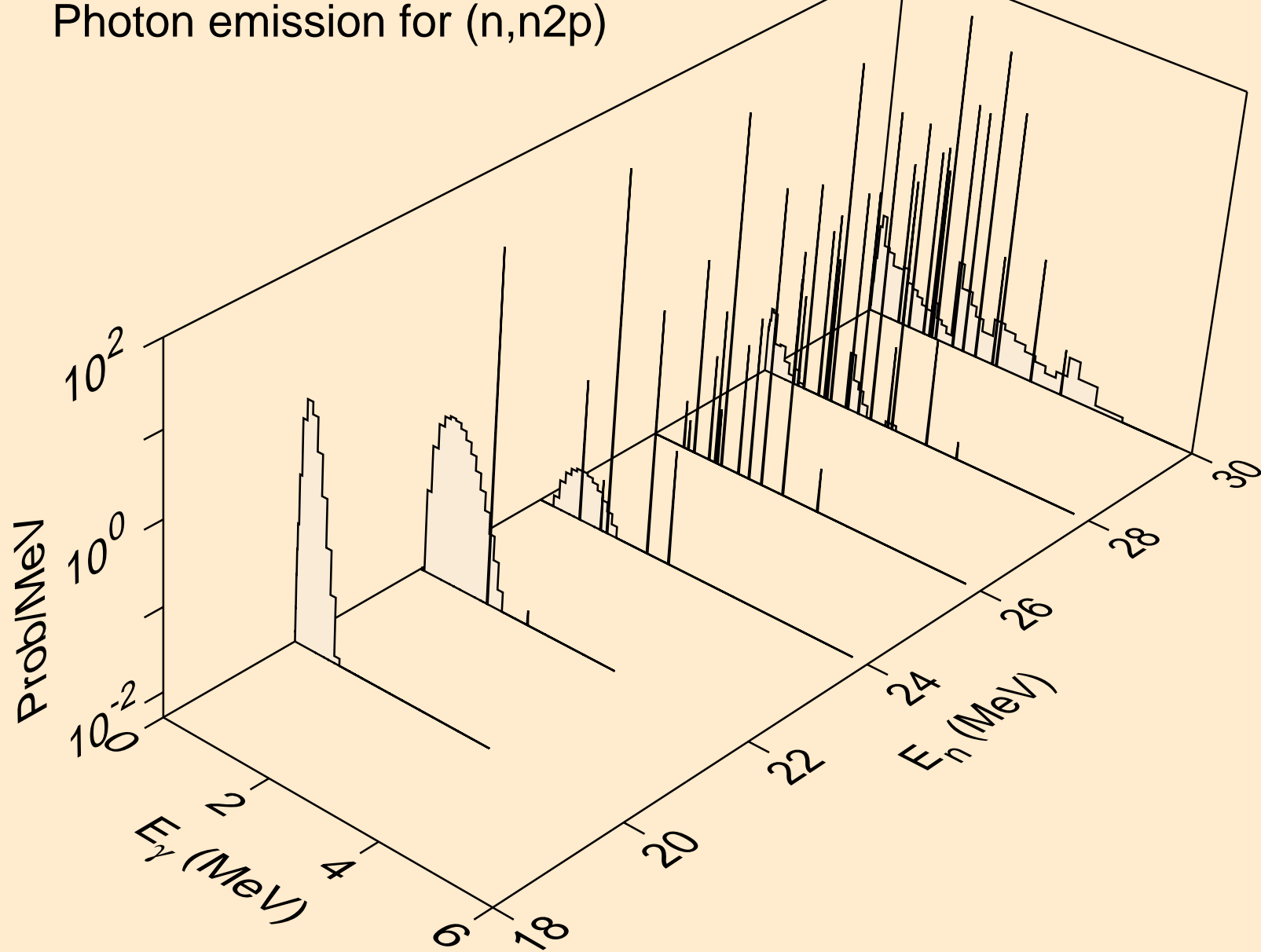
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



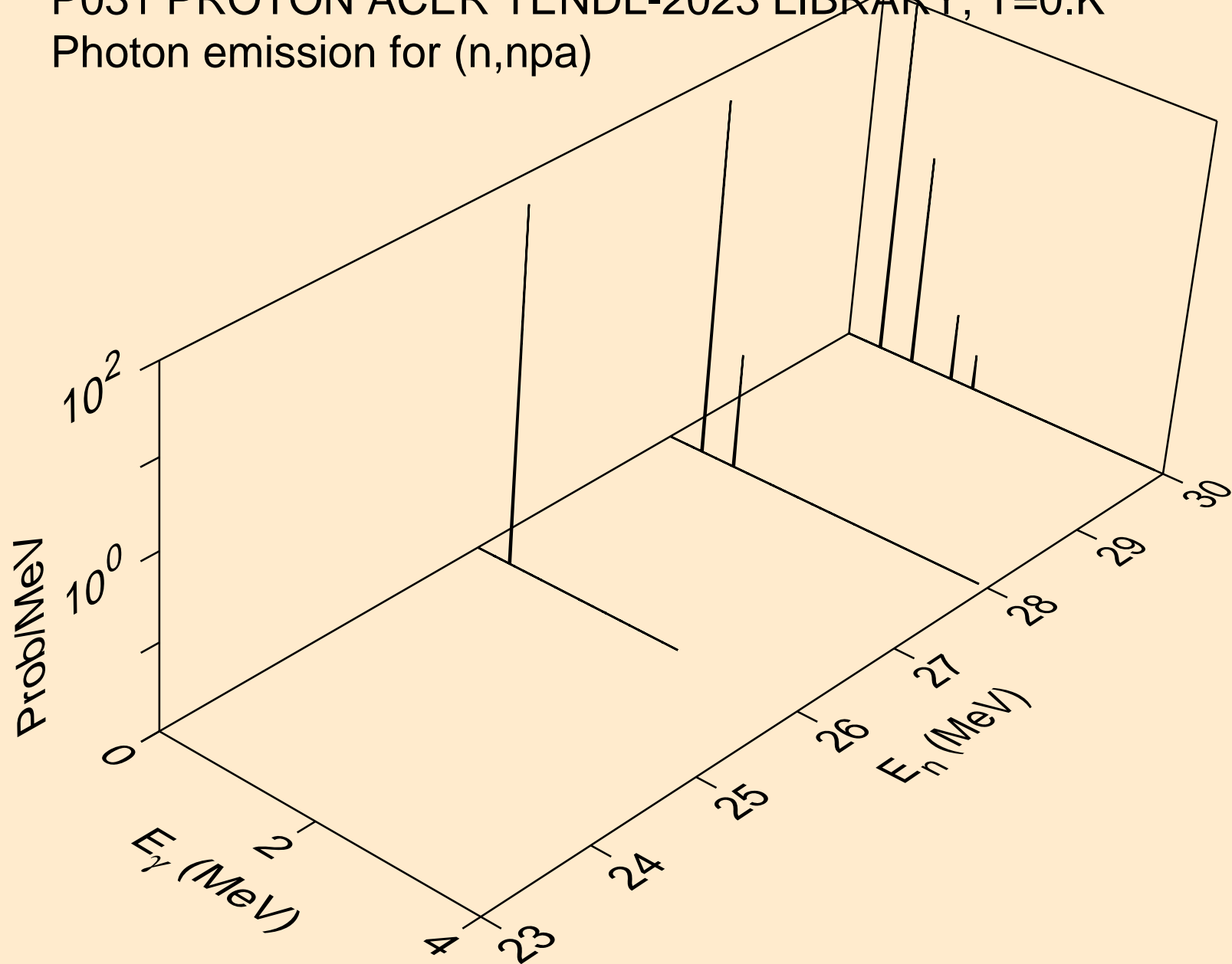
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Photon emission for (n,2np)



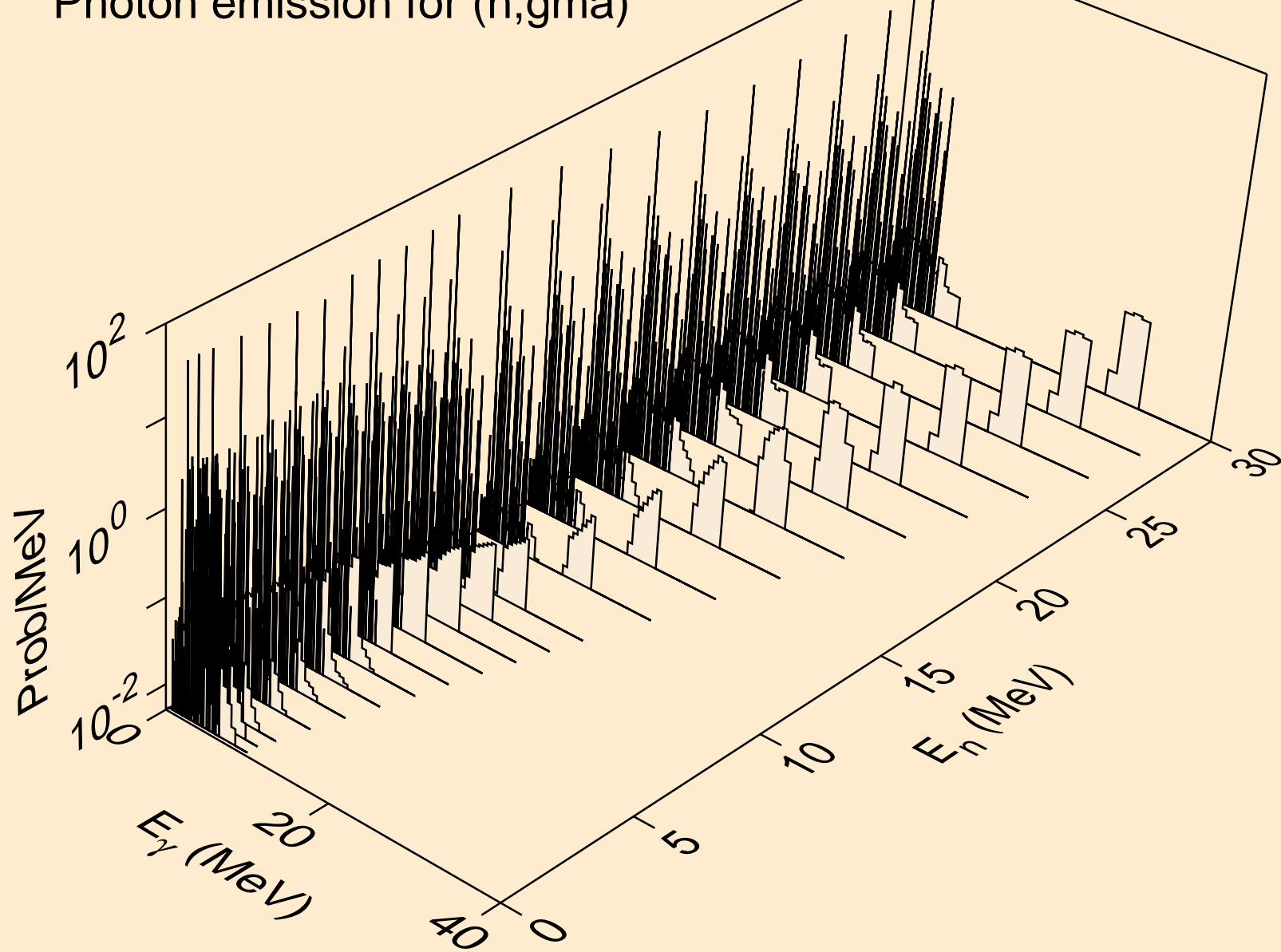
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Photon emission for (n,n2p)



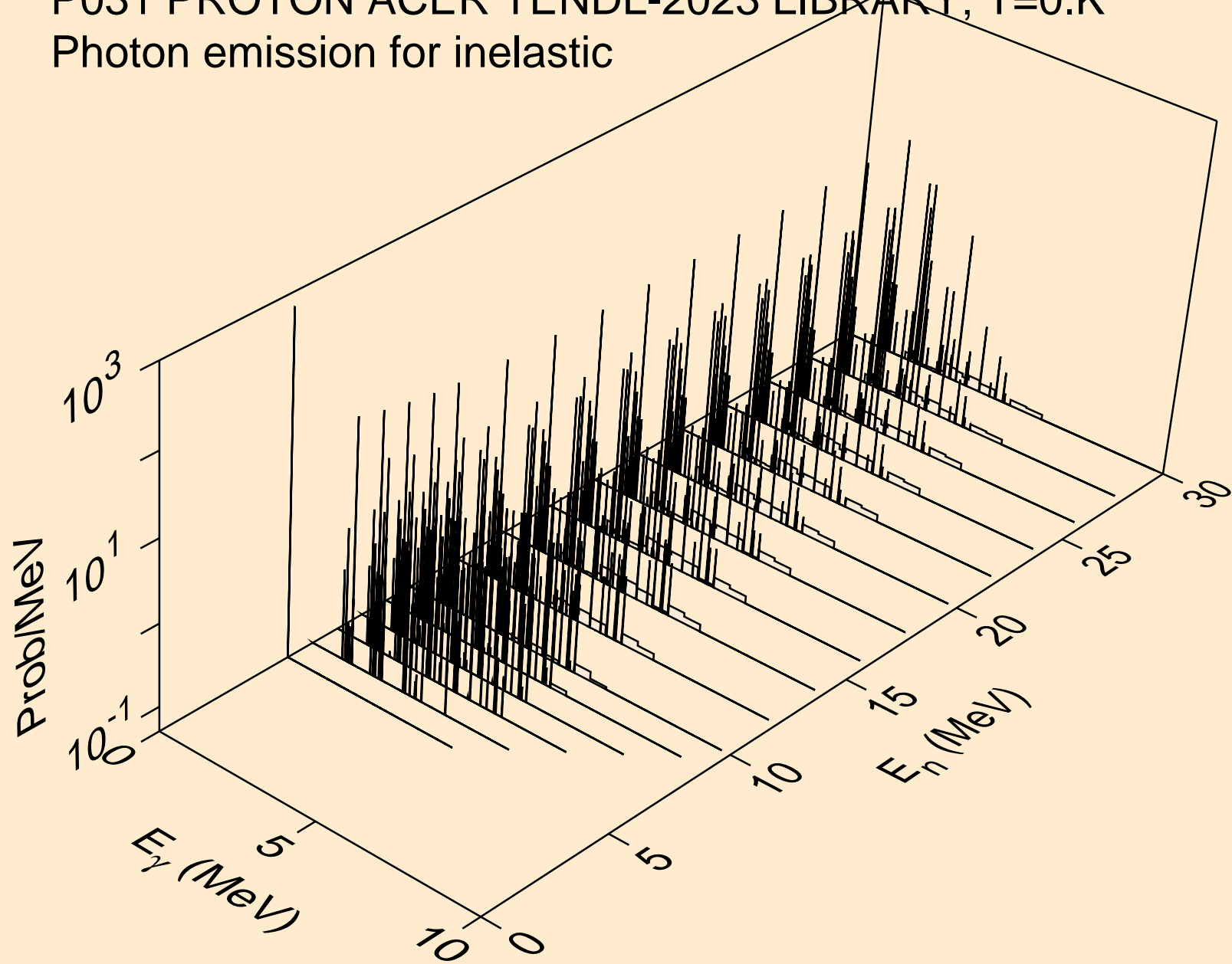
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



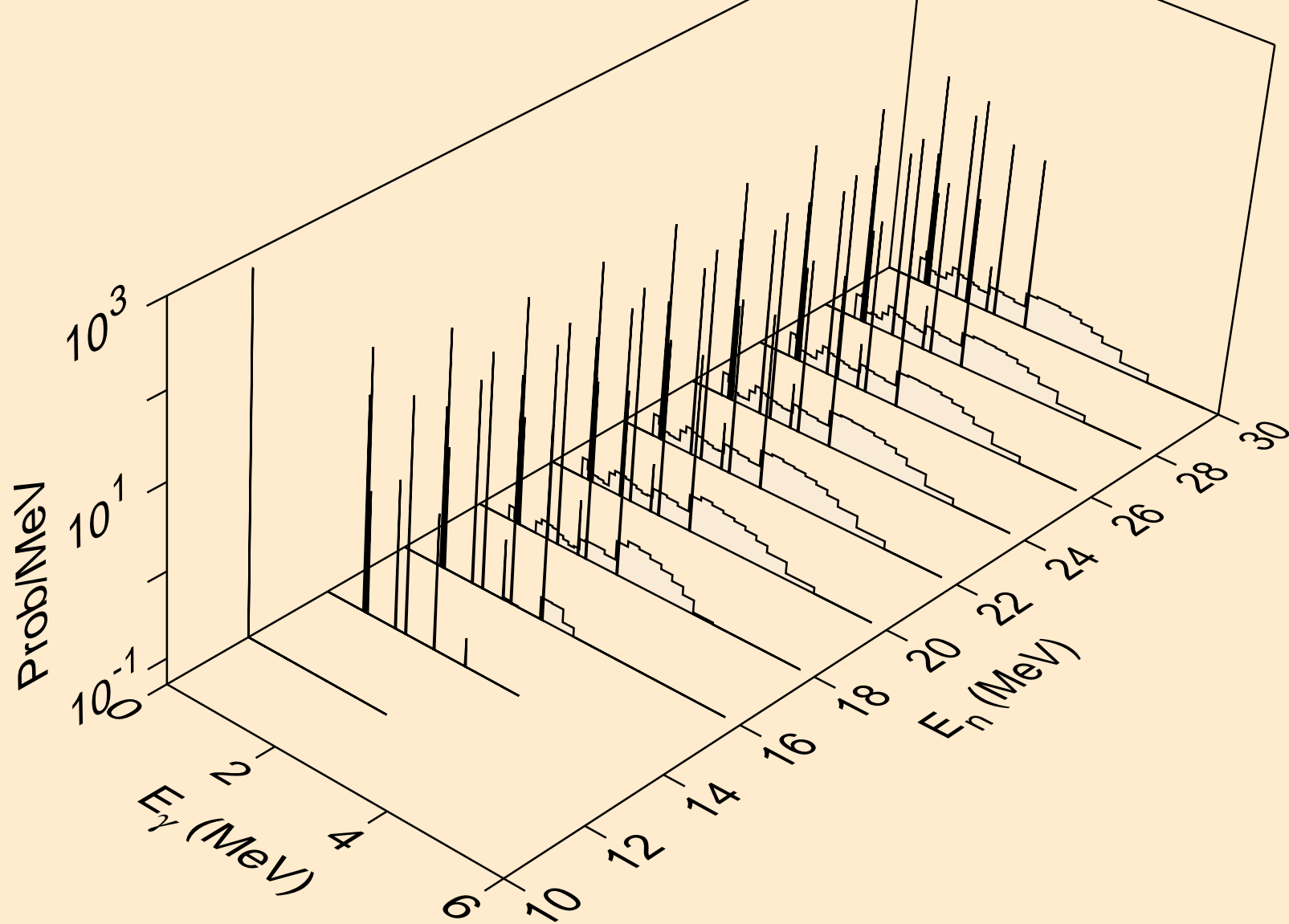
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

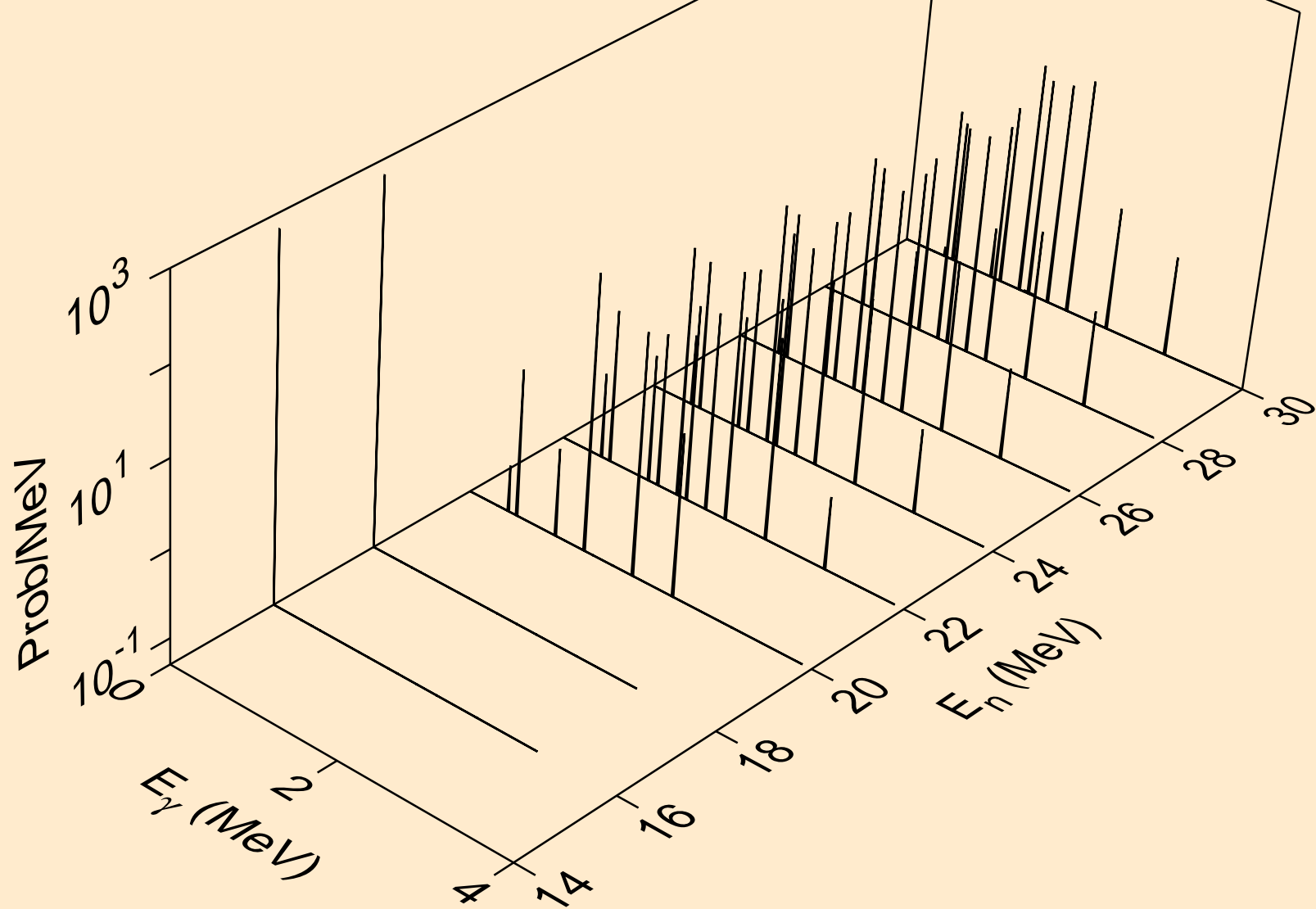


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Photon emission for (n,d)

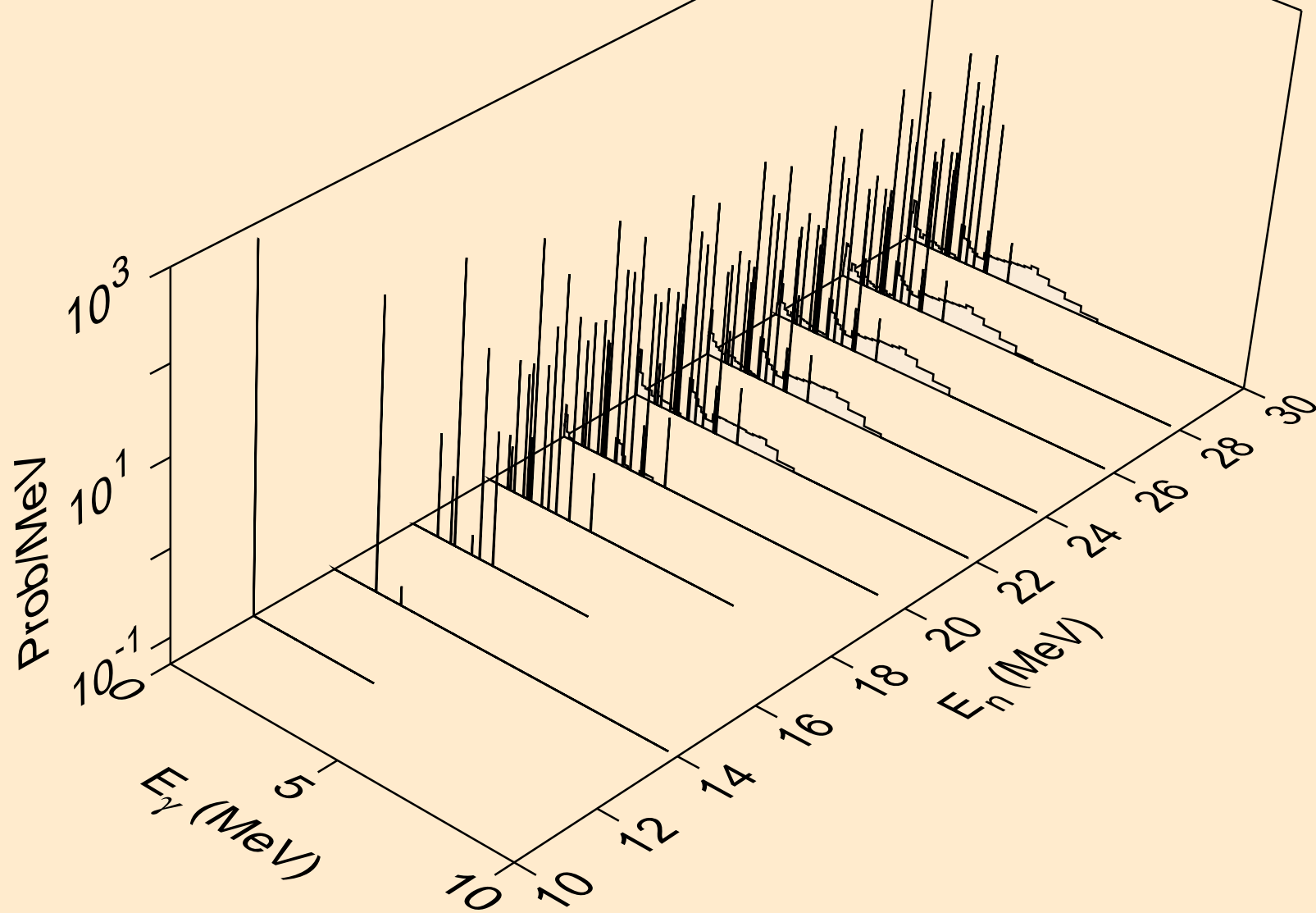




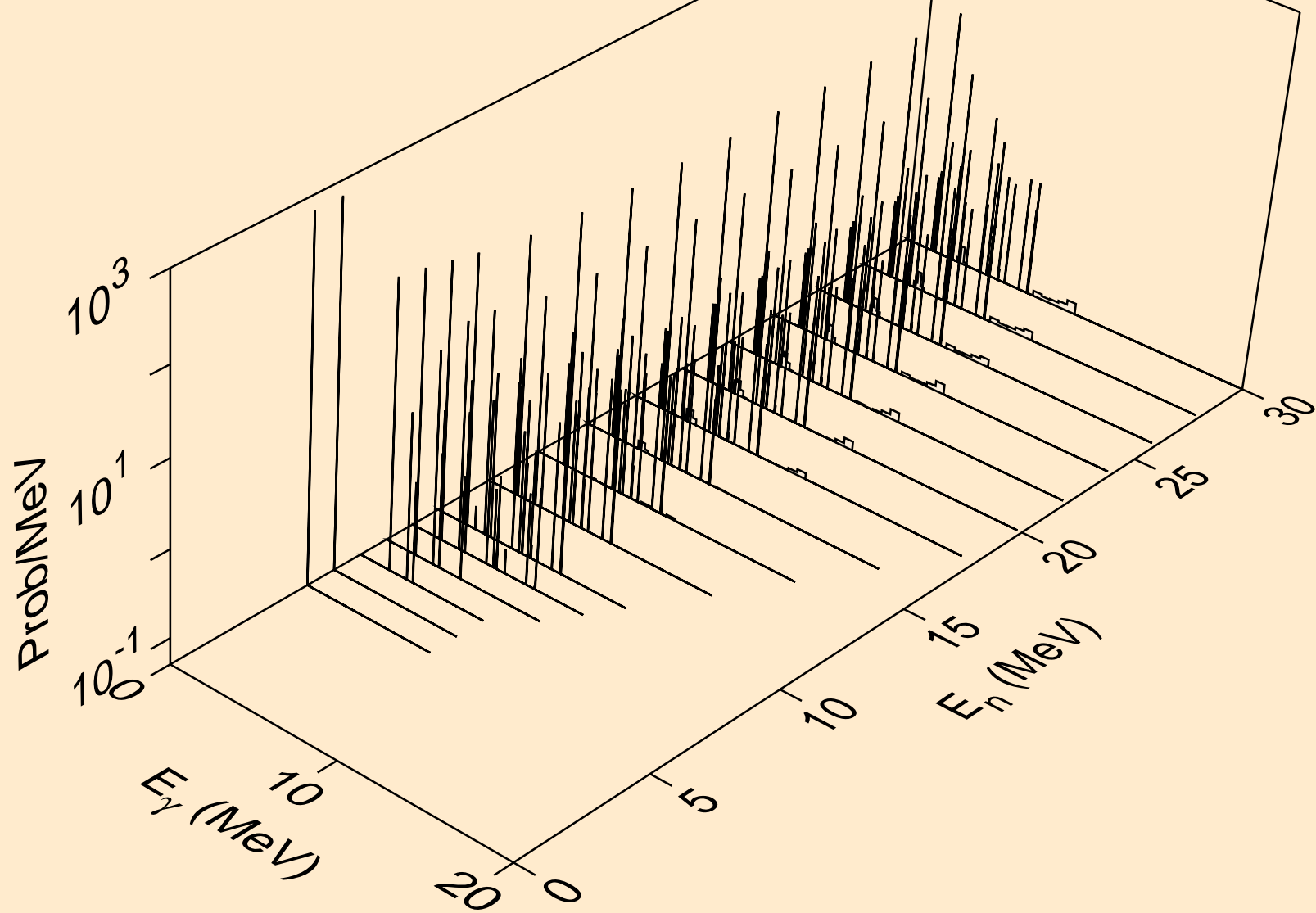
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



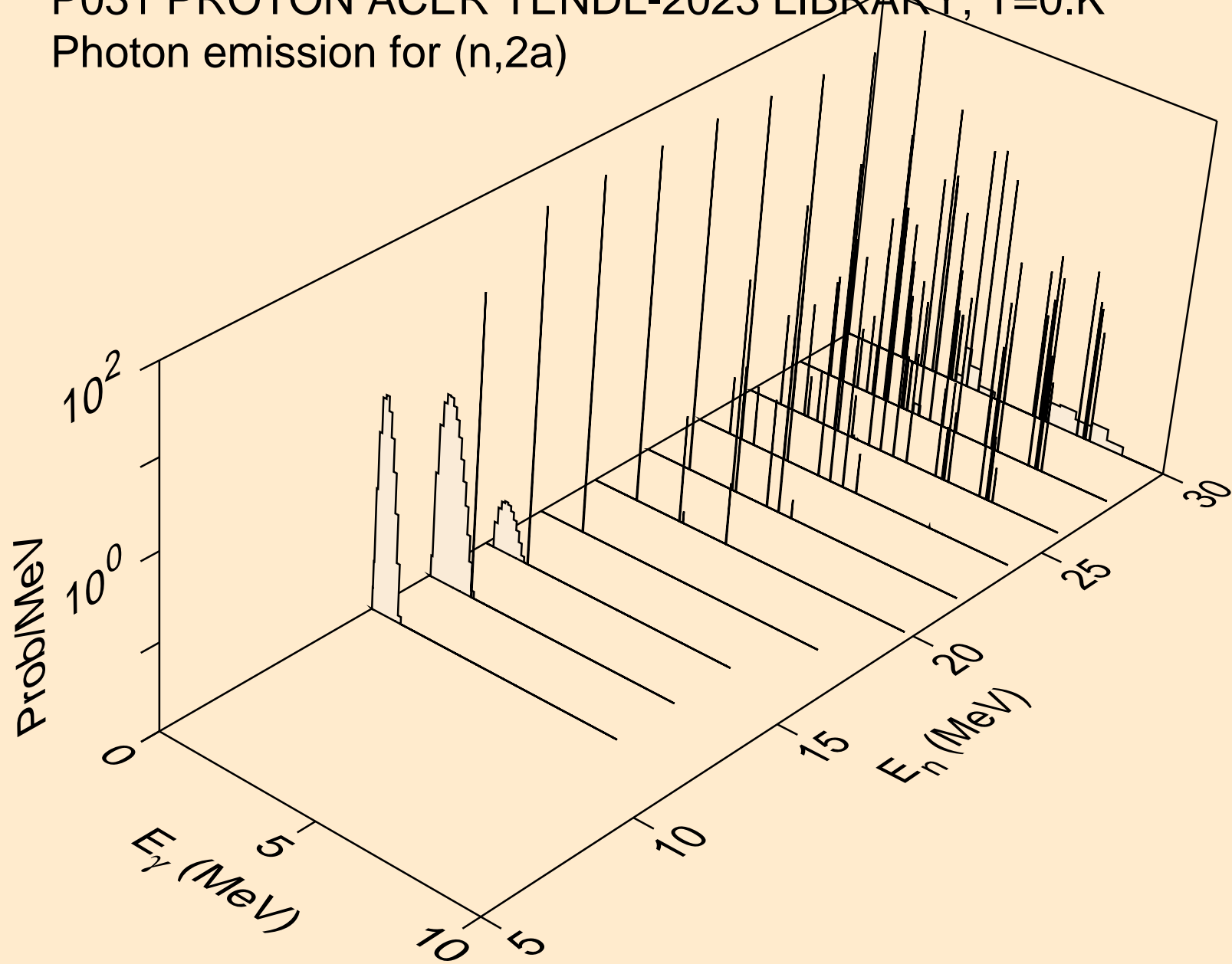
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Photon emission for (n,he3)



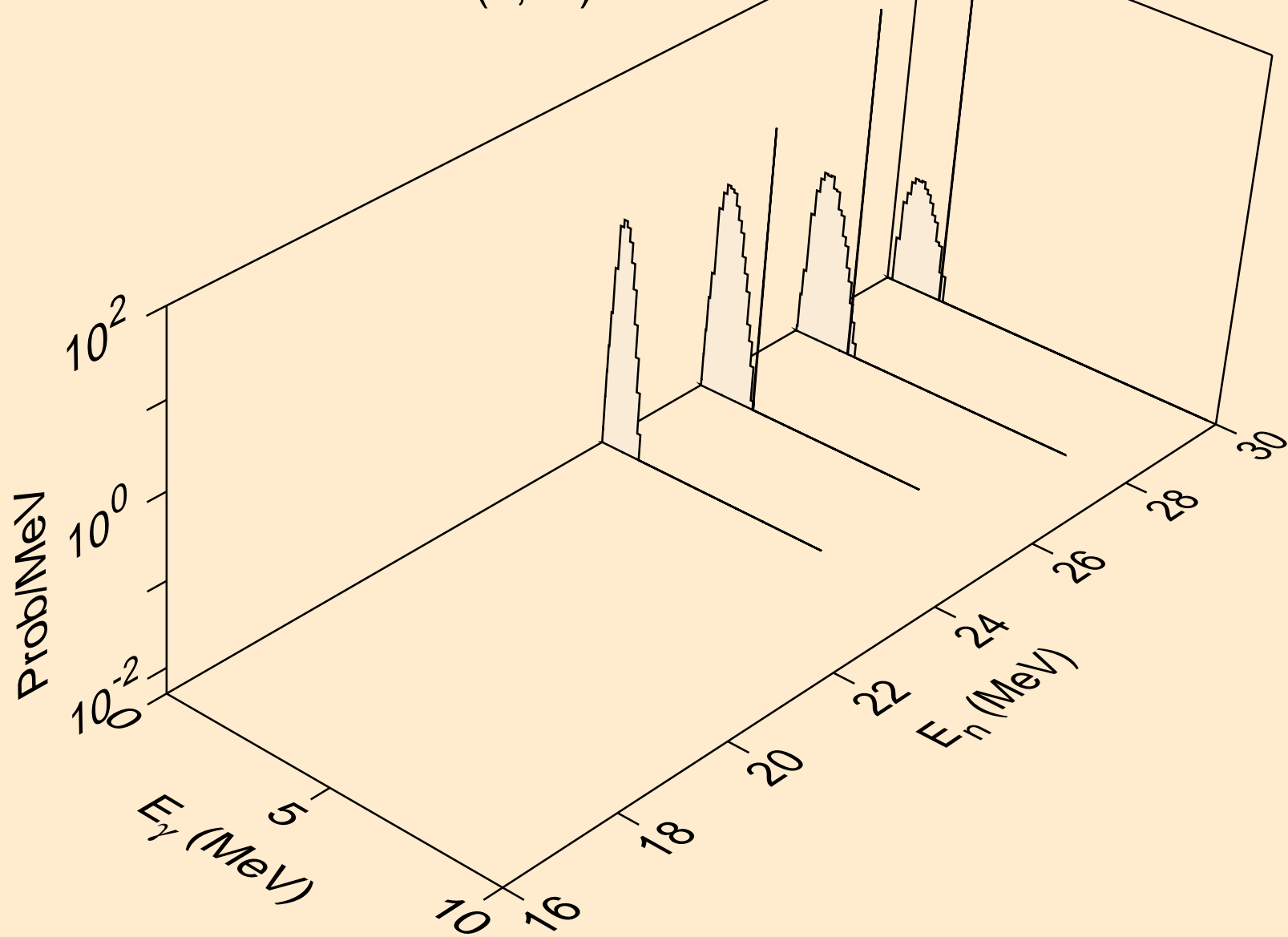
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Photon emission for (n,a)



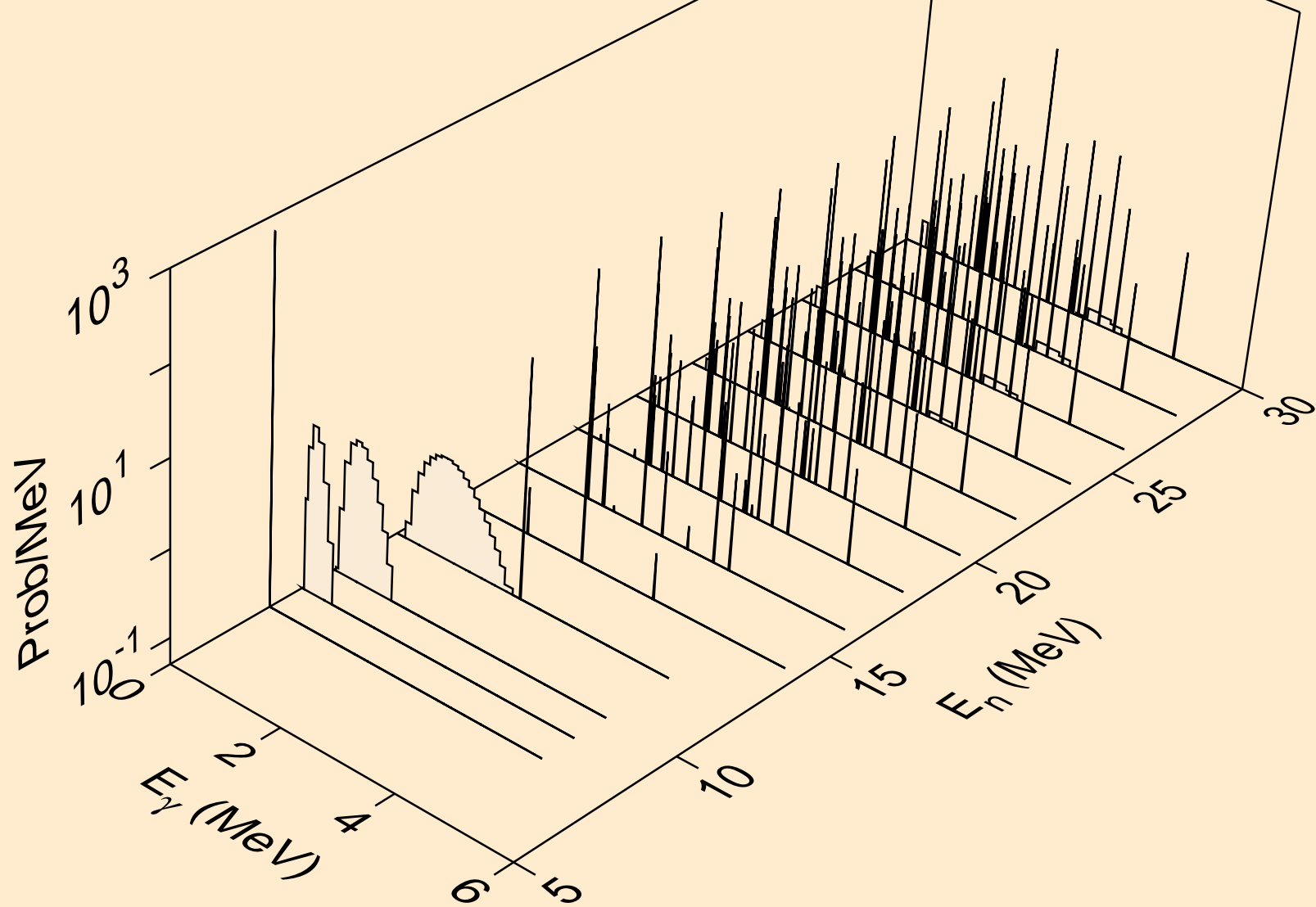
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Photon emission for (n,2a)



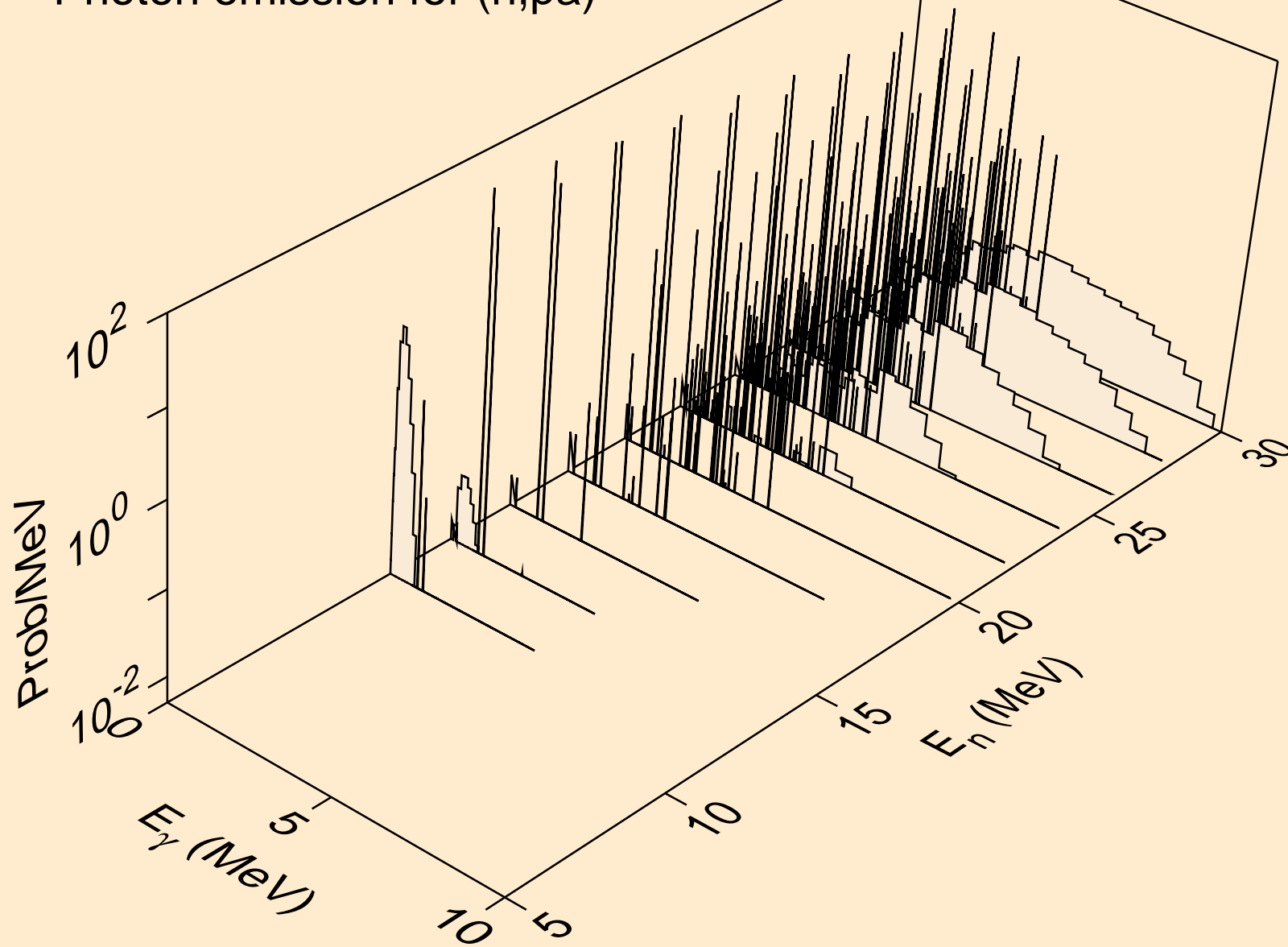
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



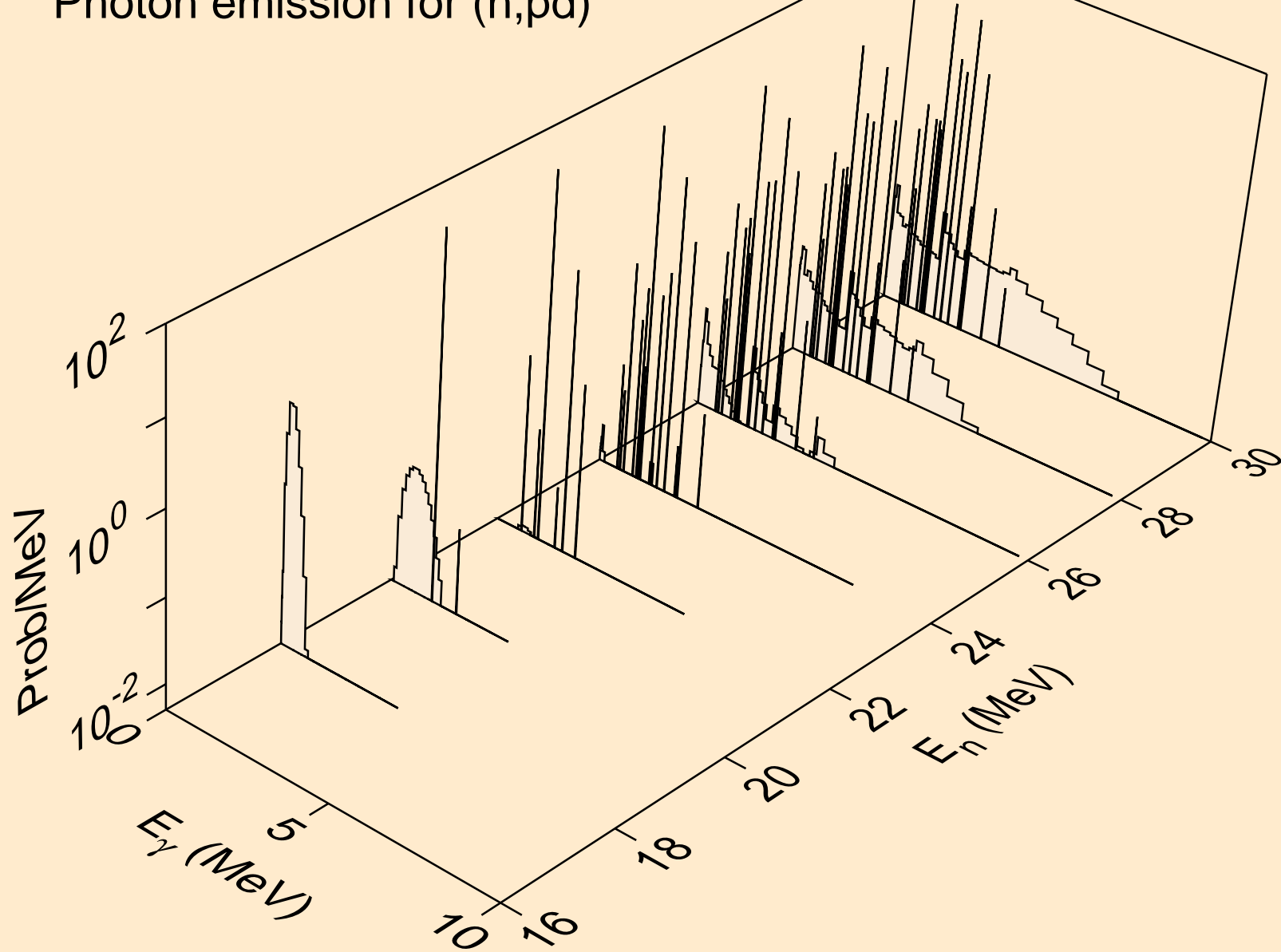
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

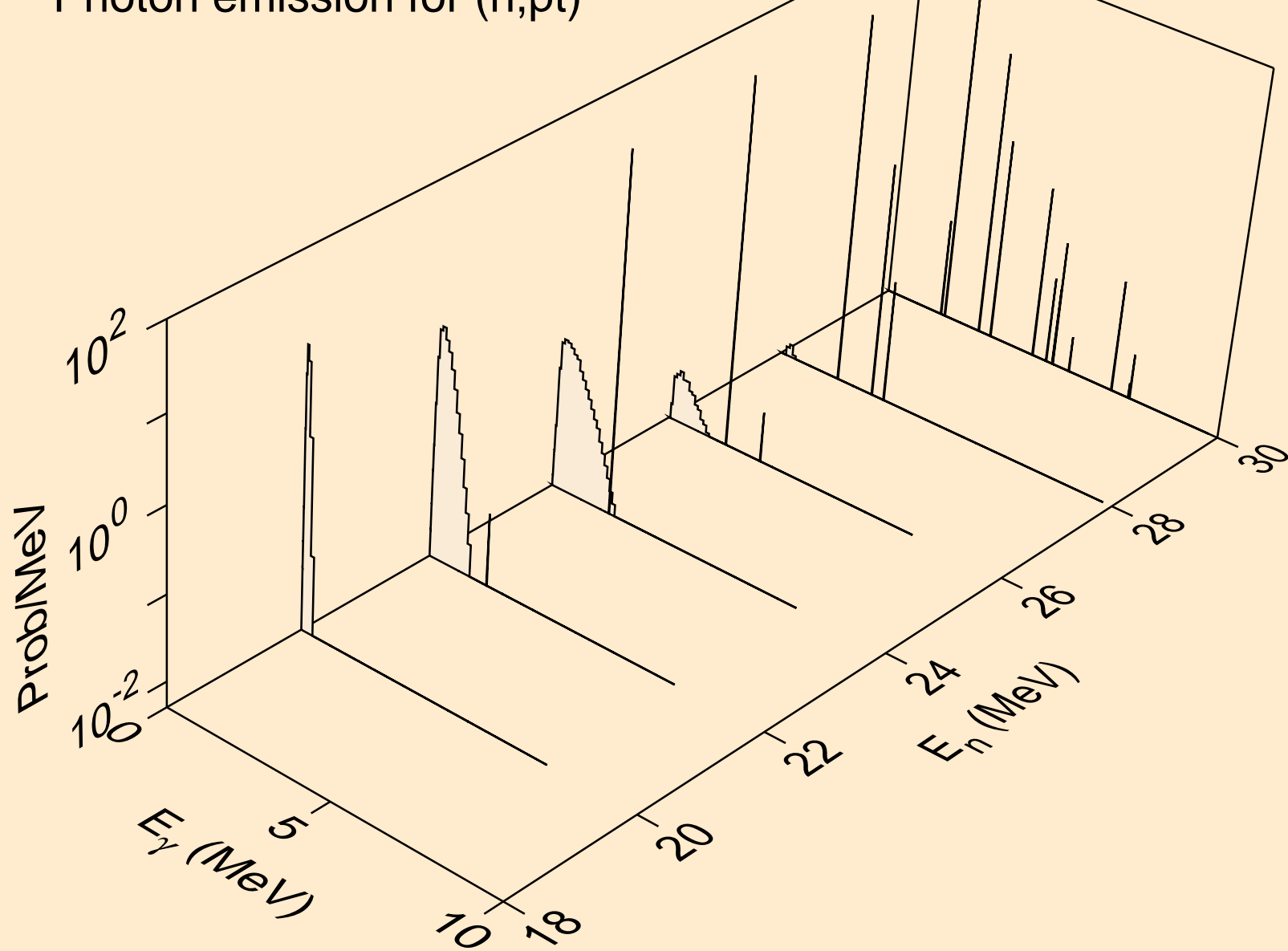


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

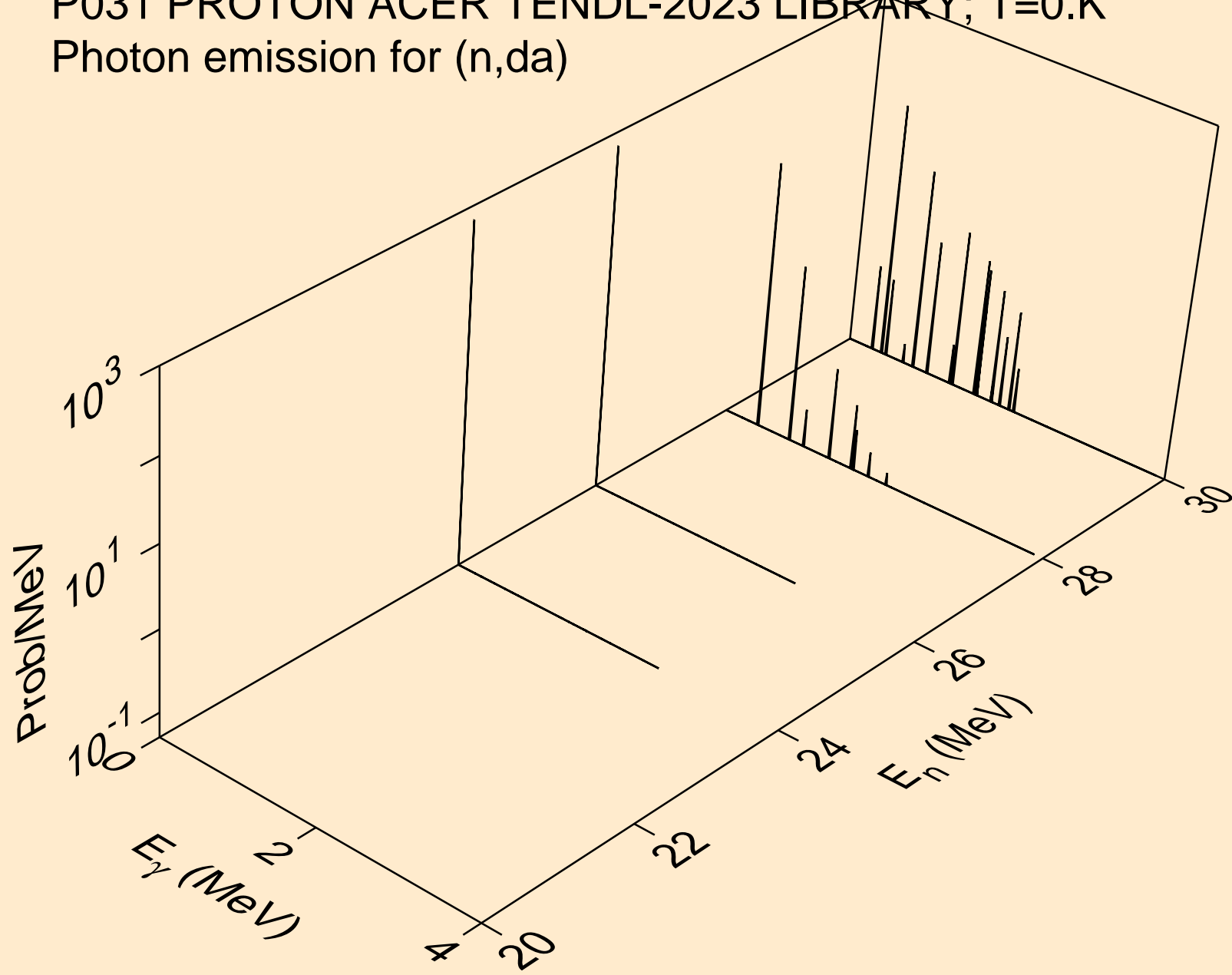




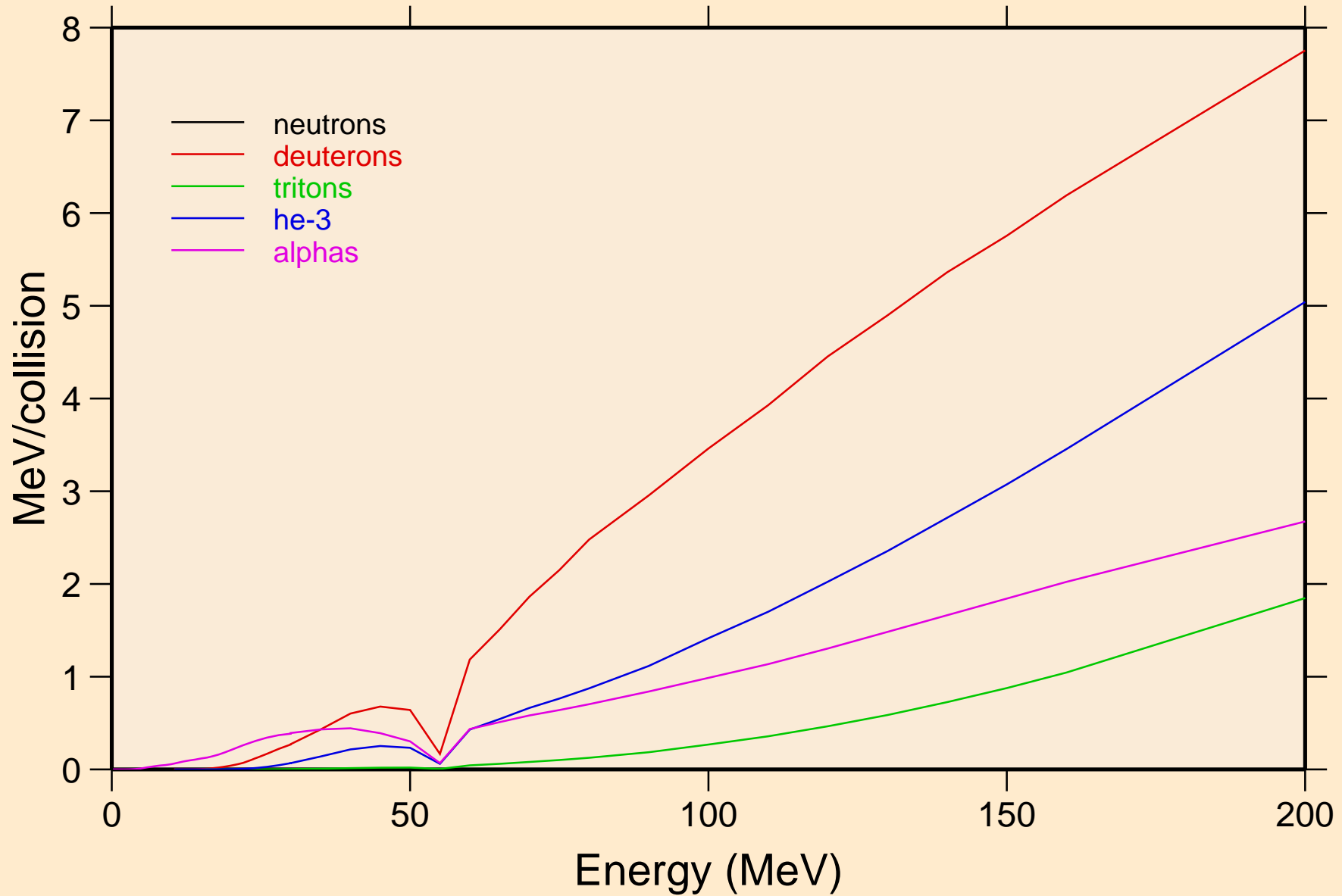
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Photon emission for (n,pt)



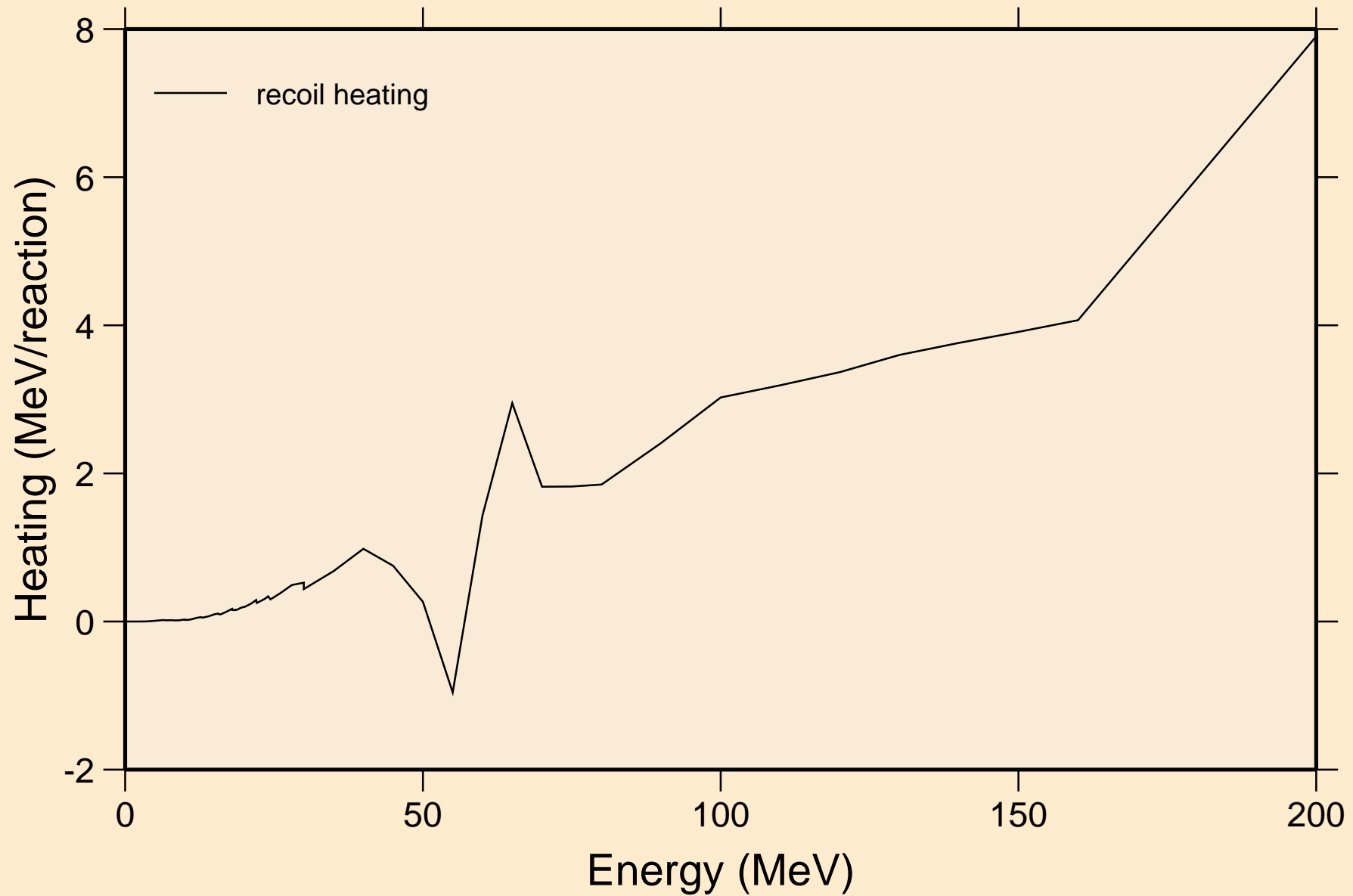
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Photon emission for (n,da)



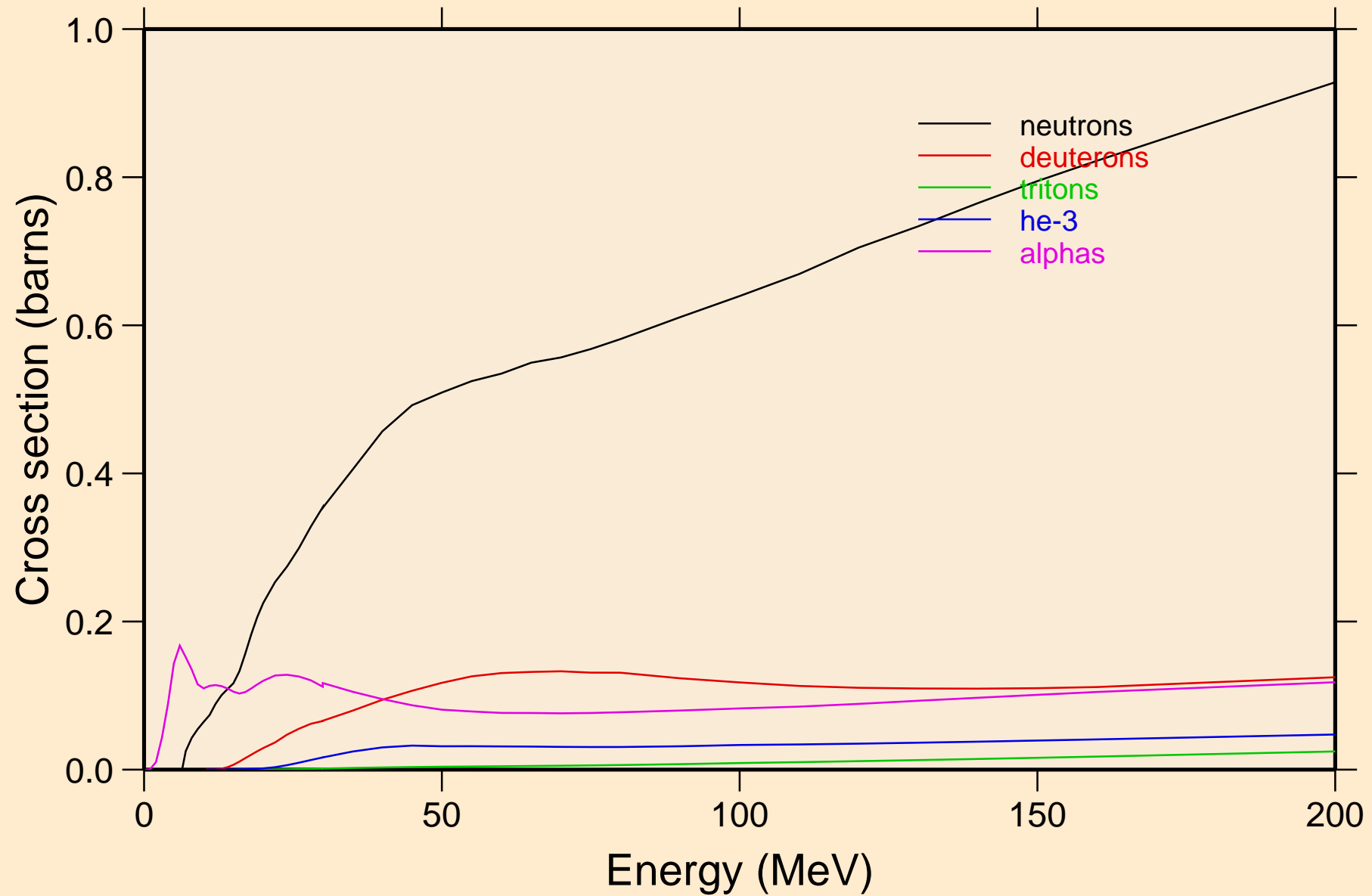
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



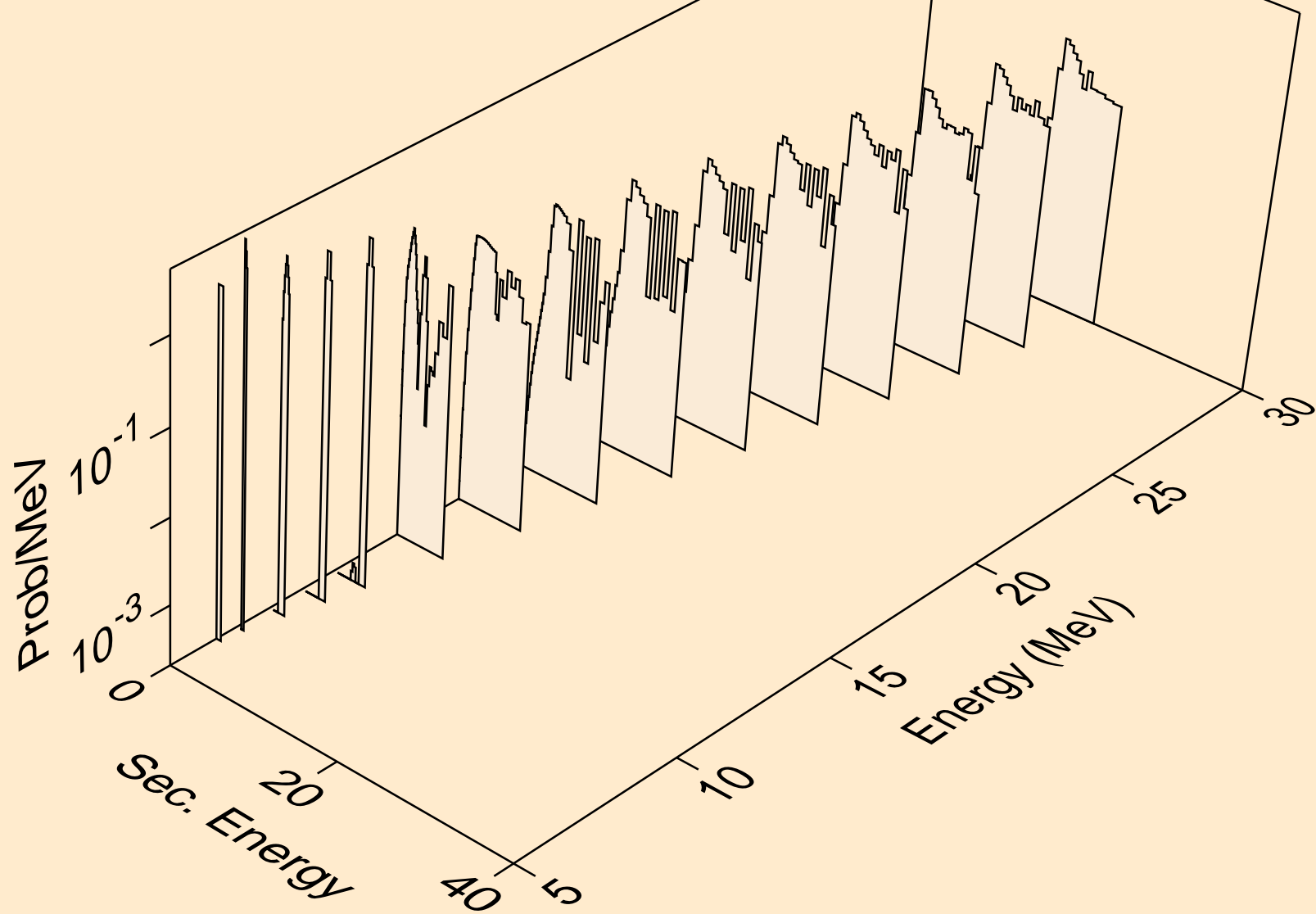
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Recoil Heating



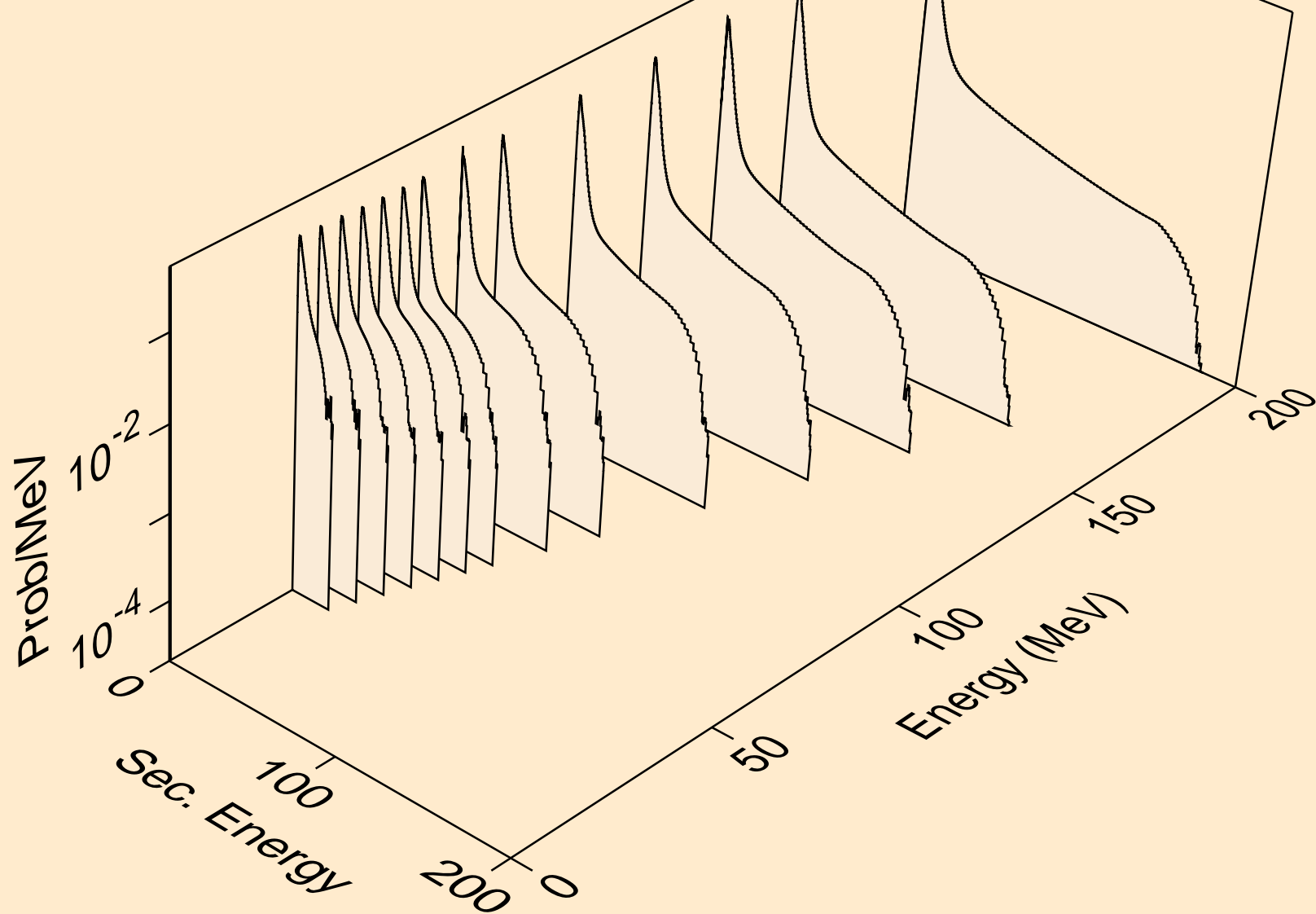
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



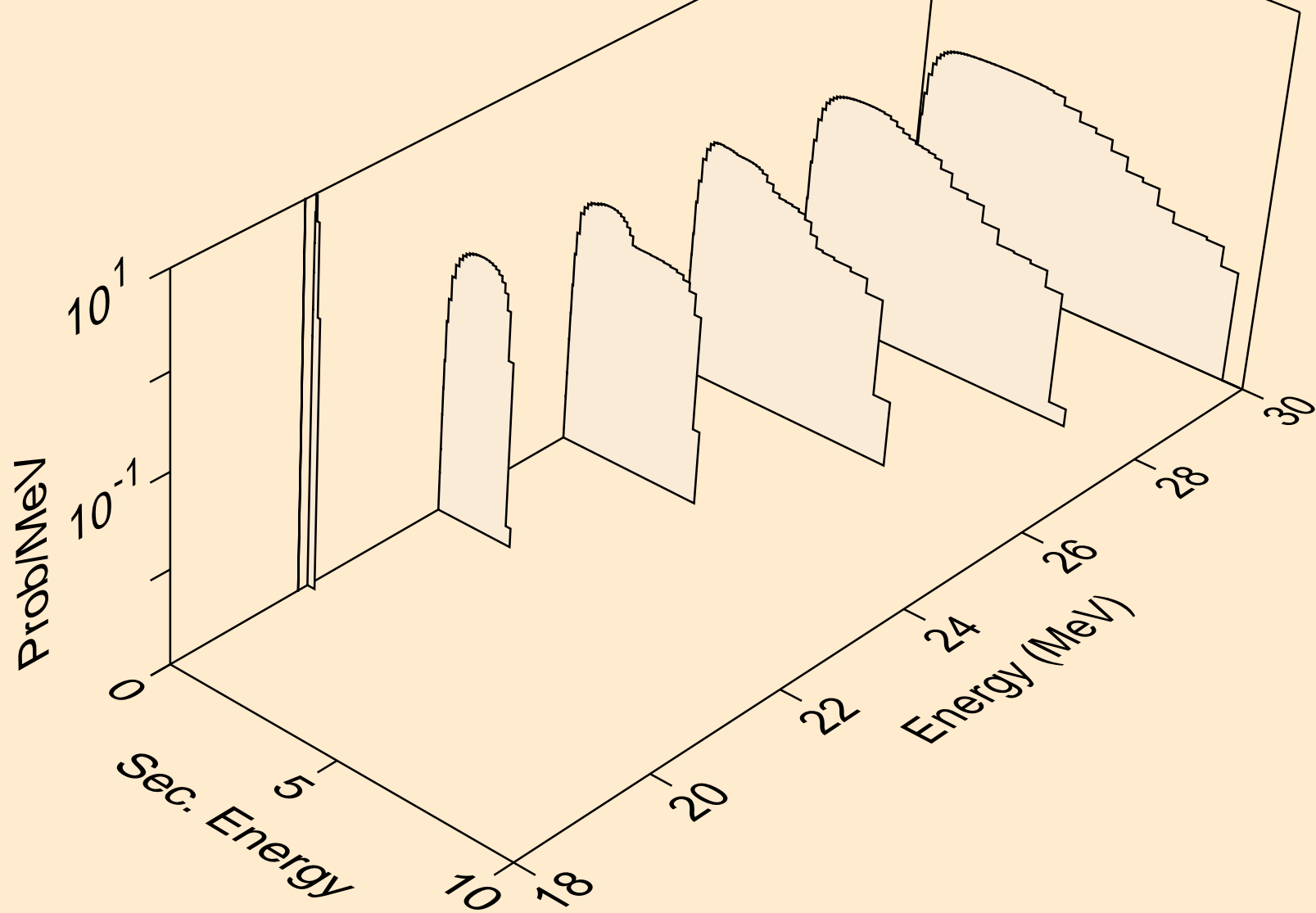
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

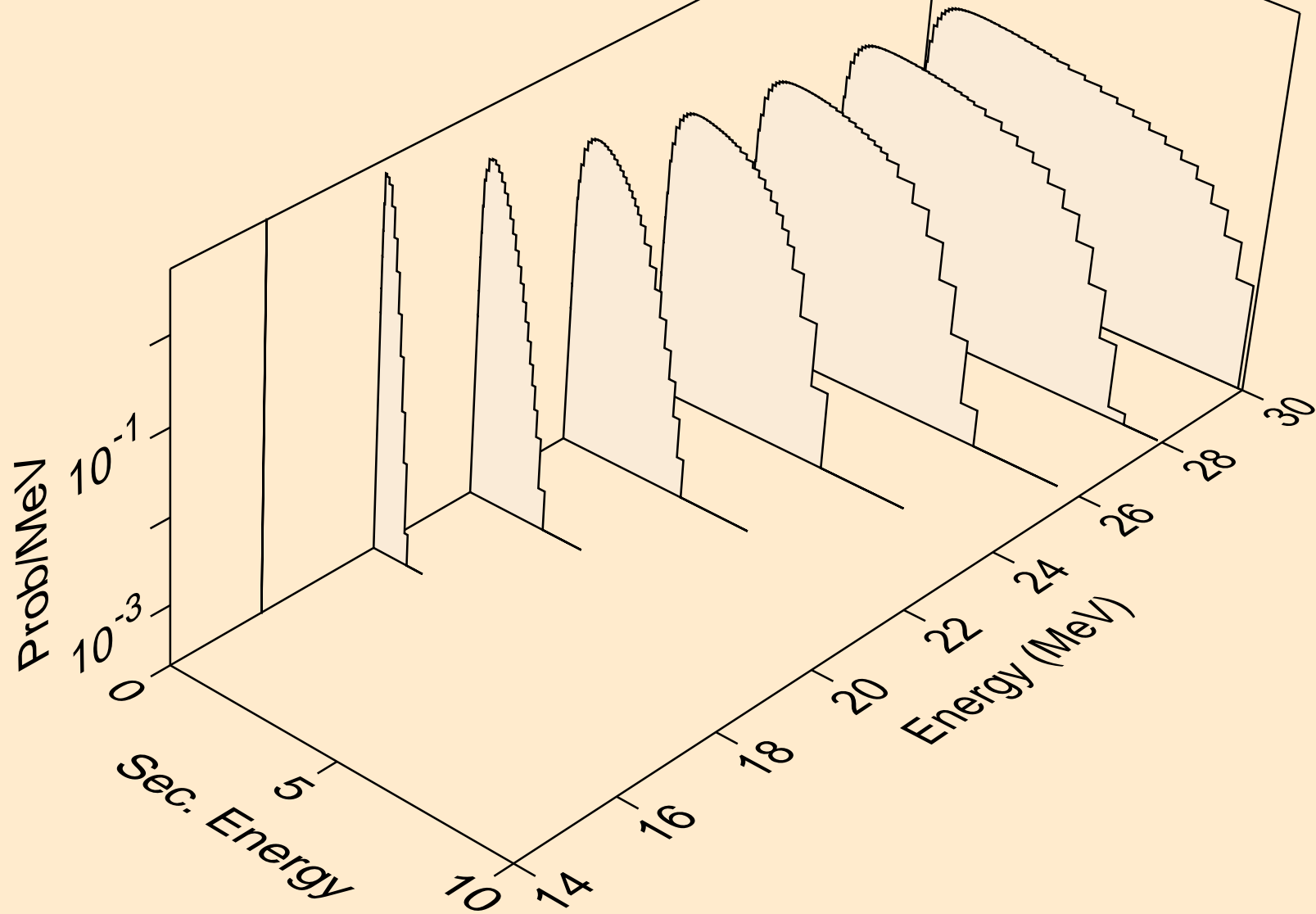


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

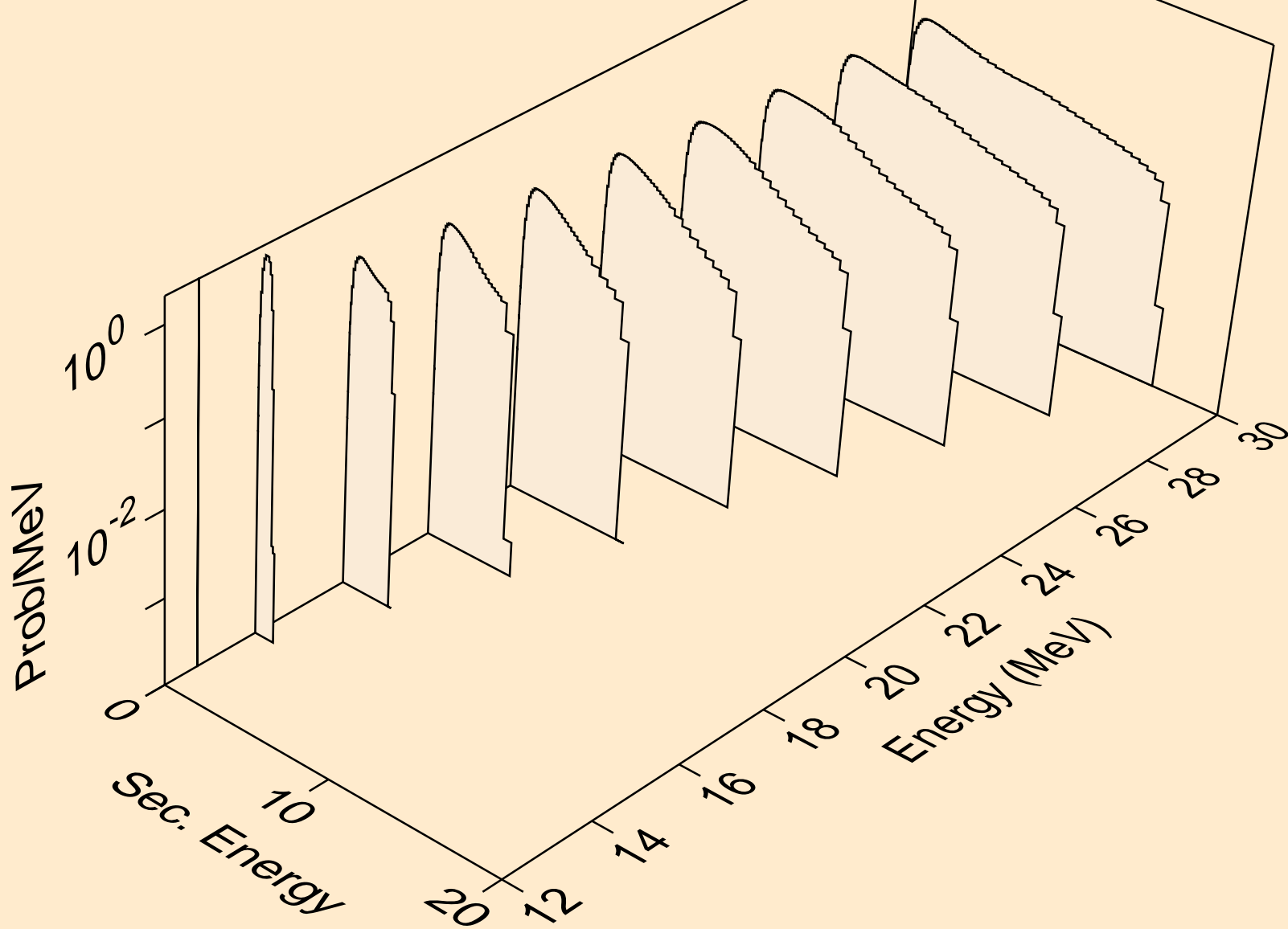




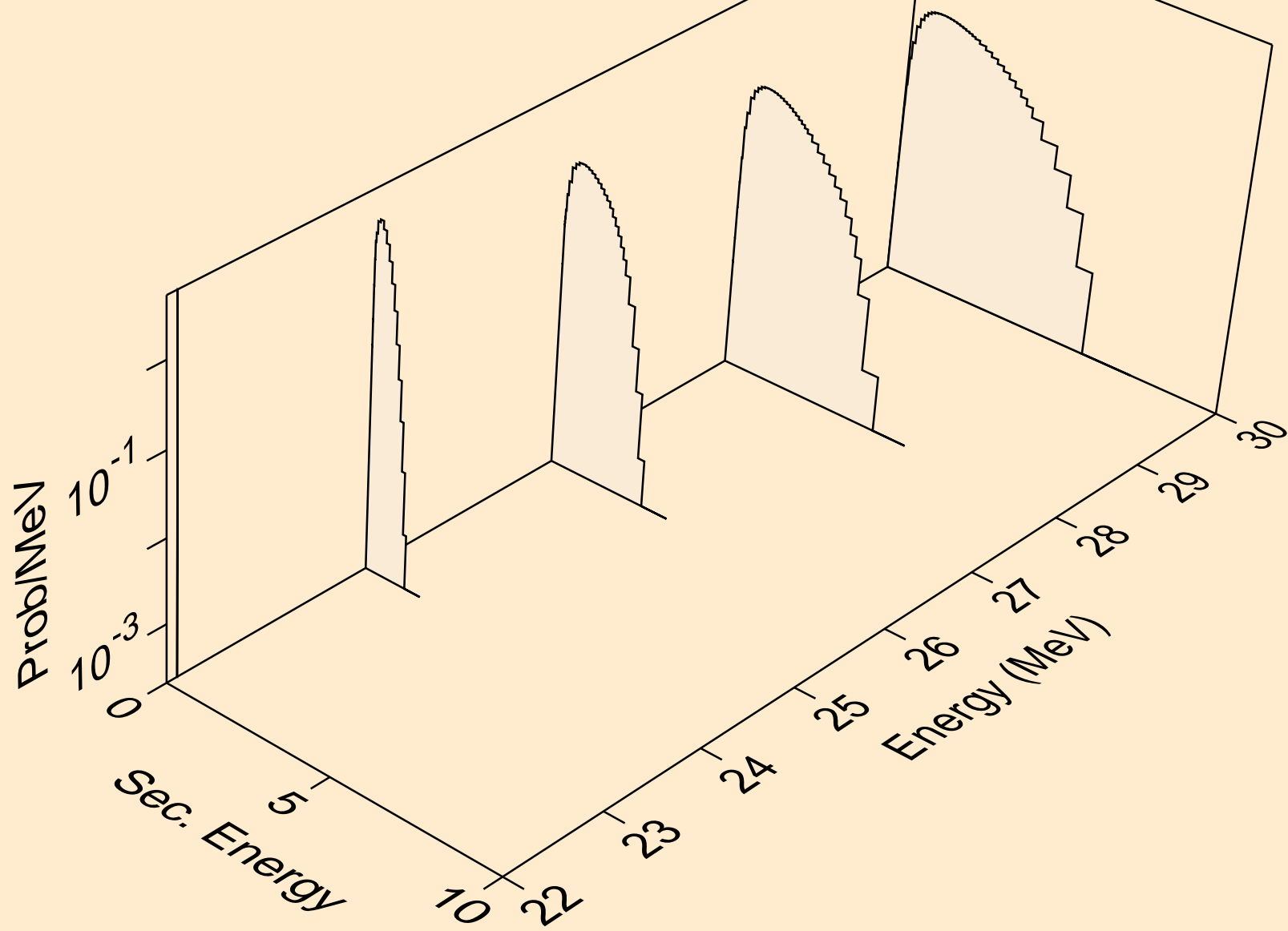
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



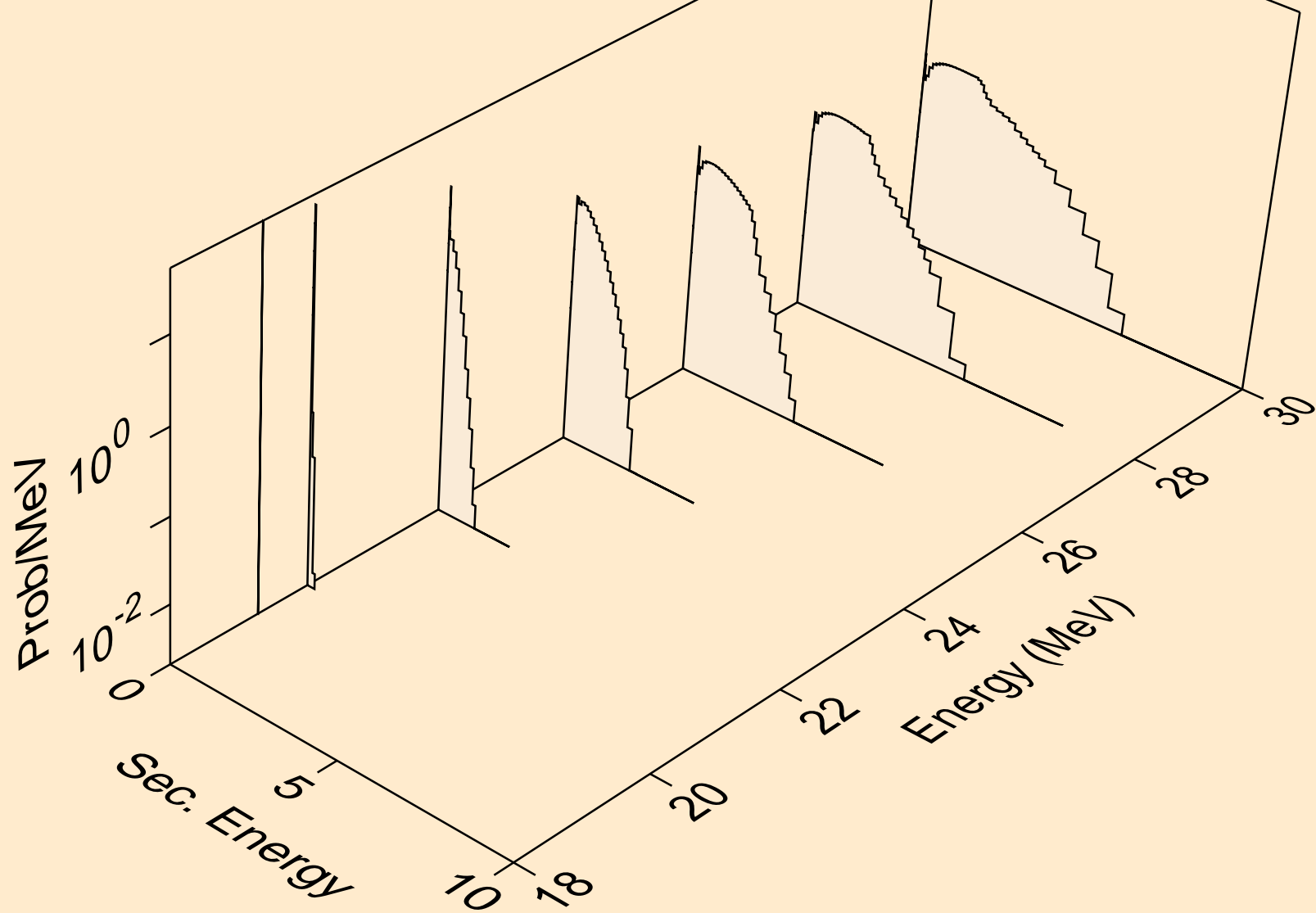
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



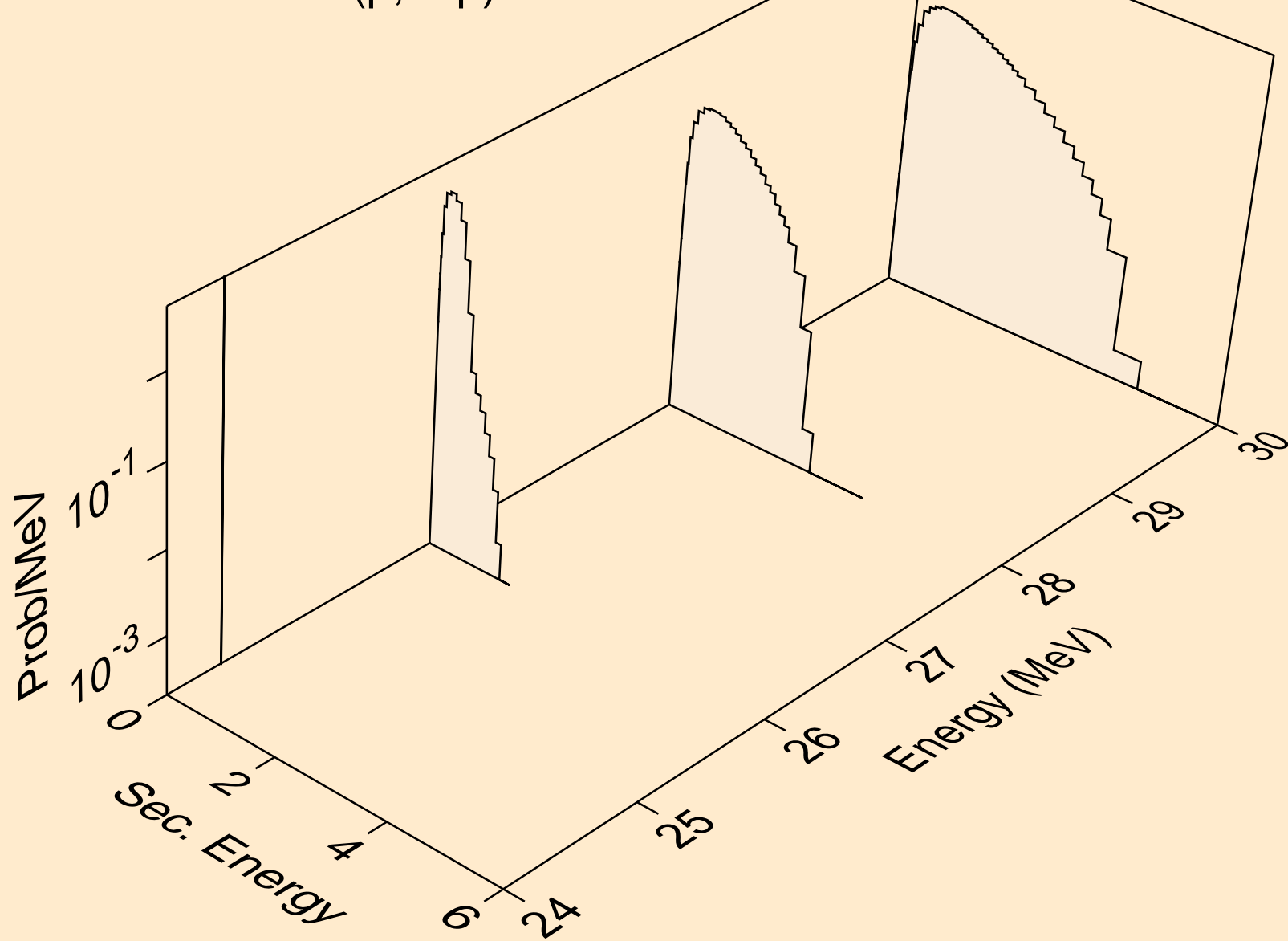
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



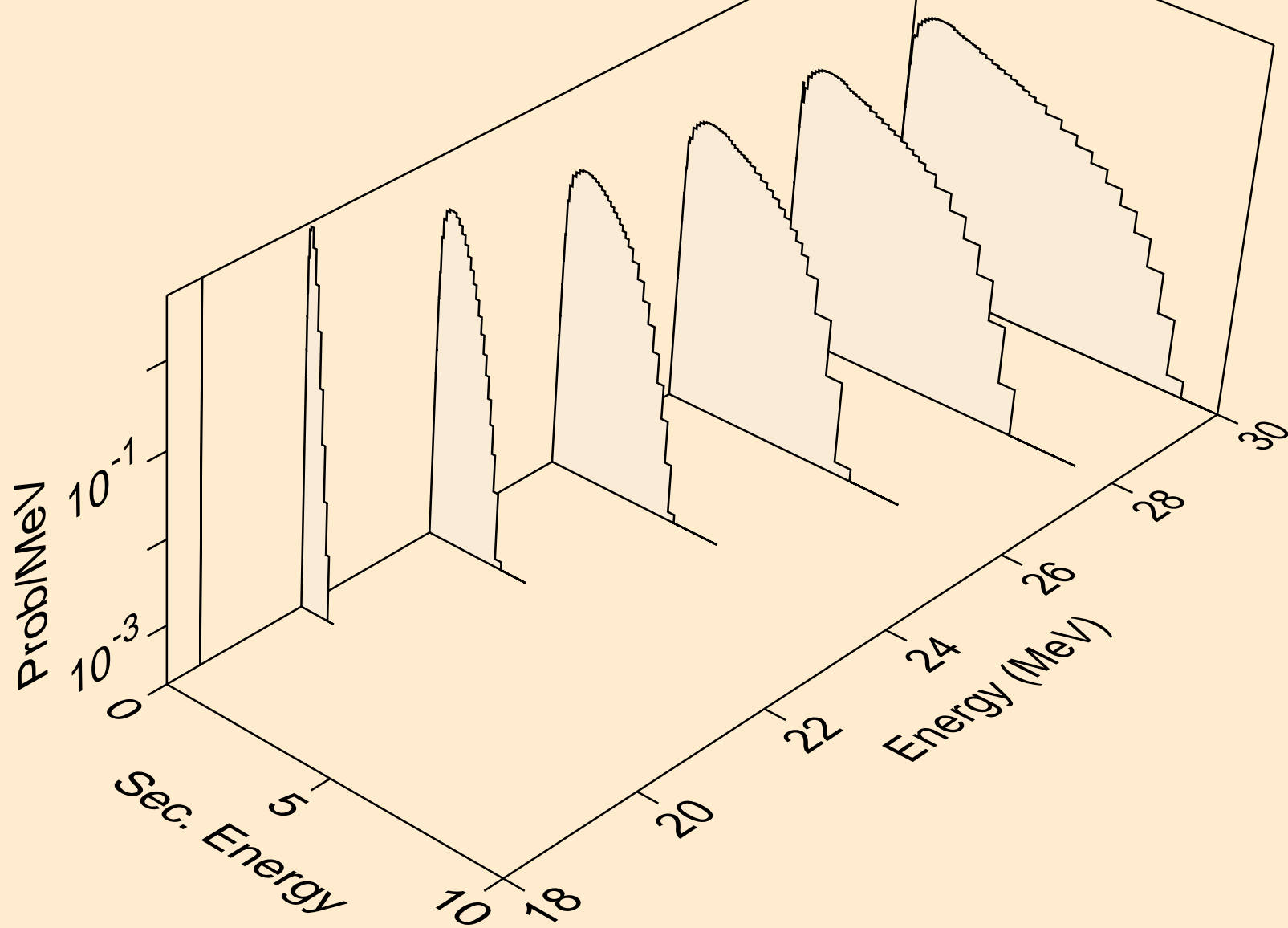
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



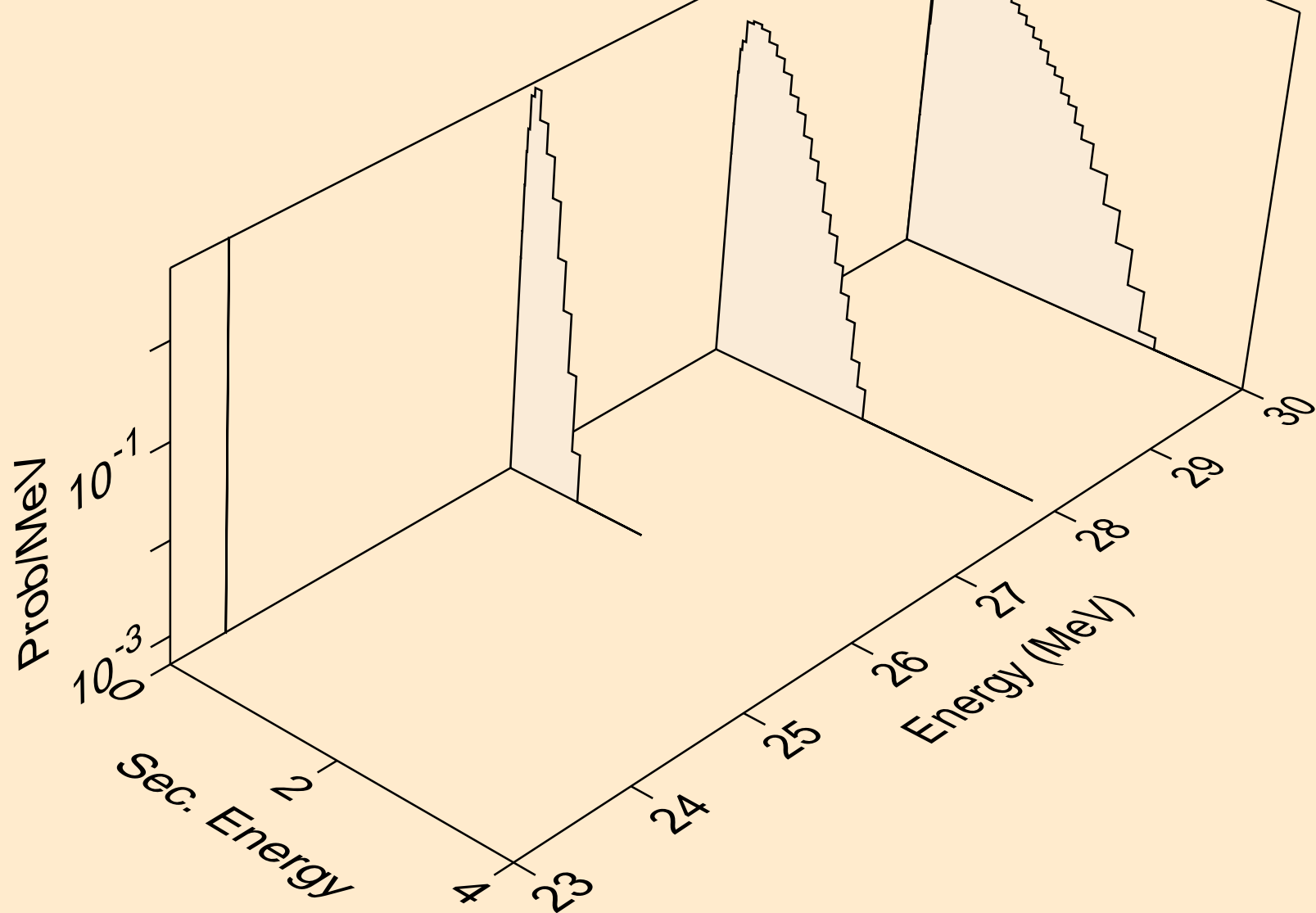
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neutrons from (p,2np)



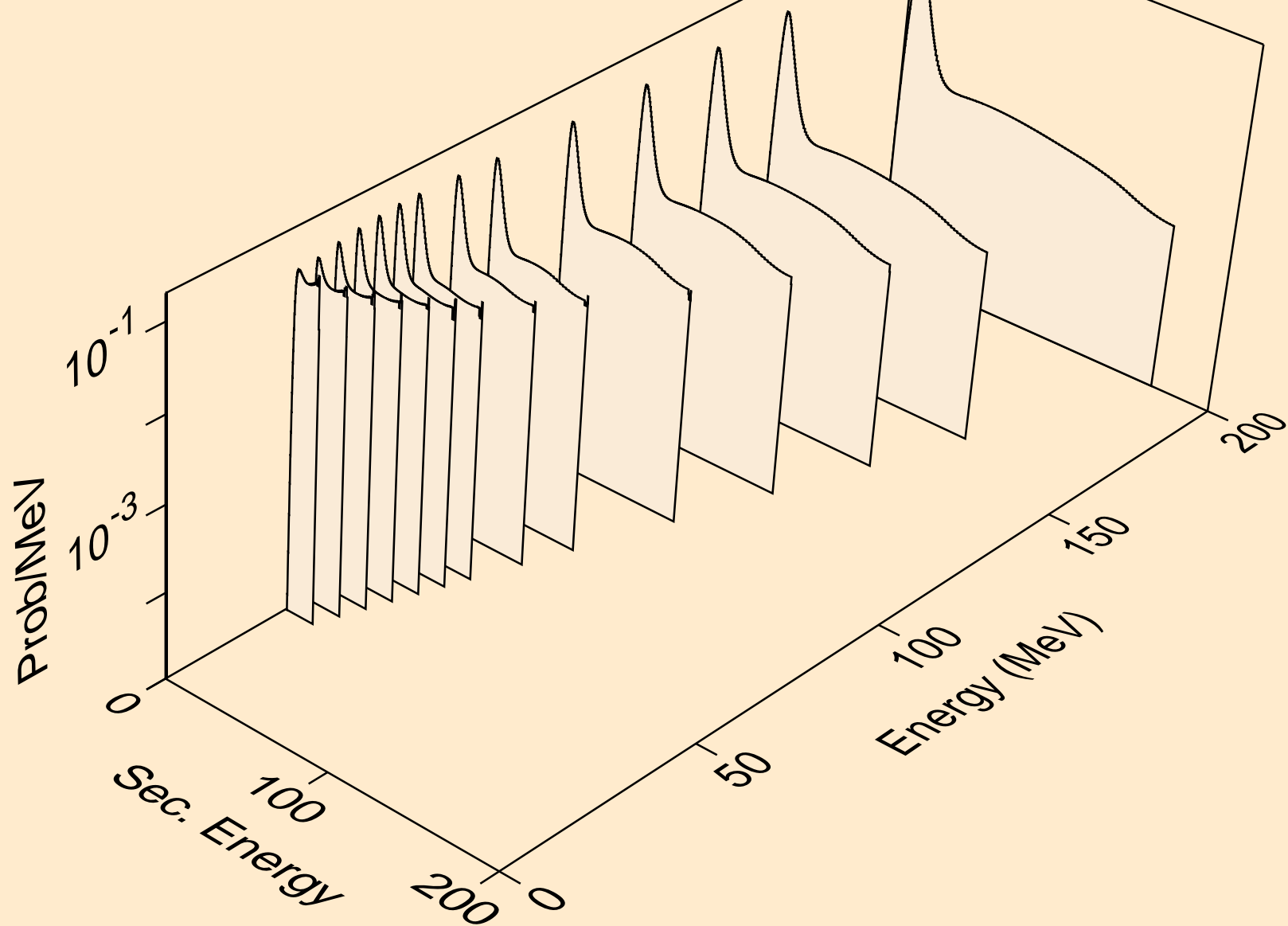
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

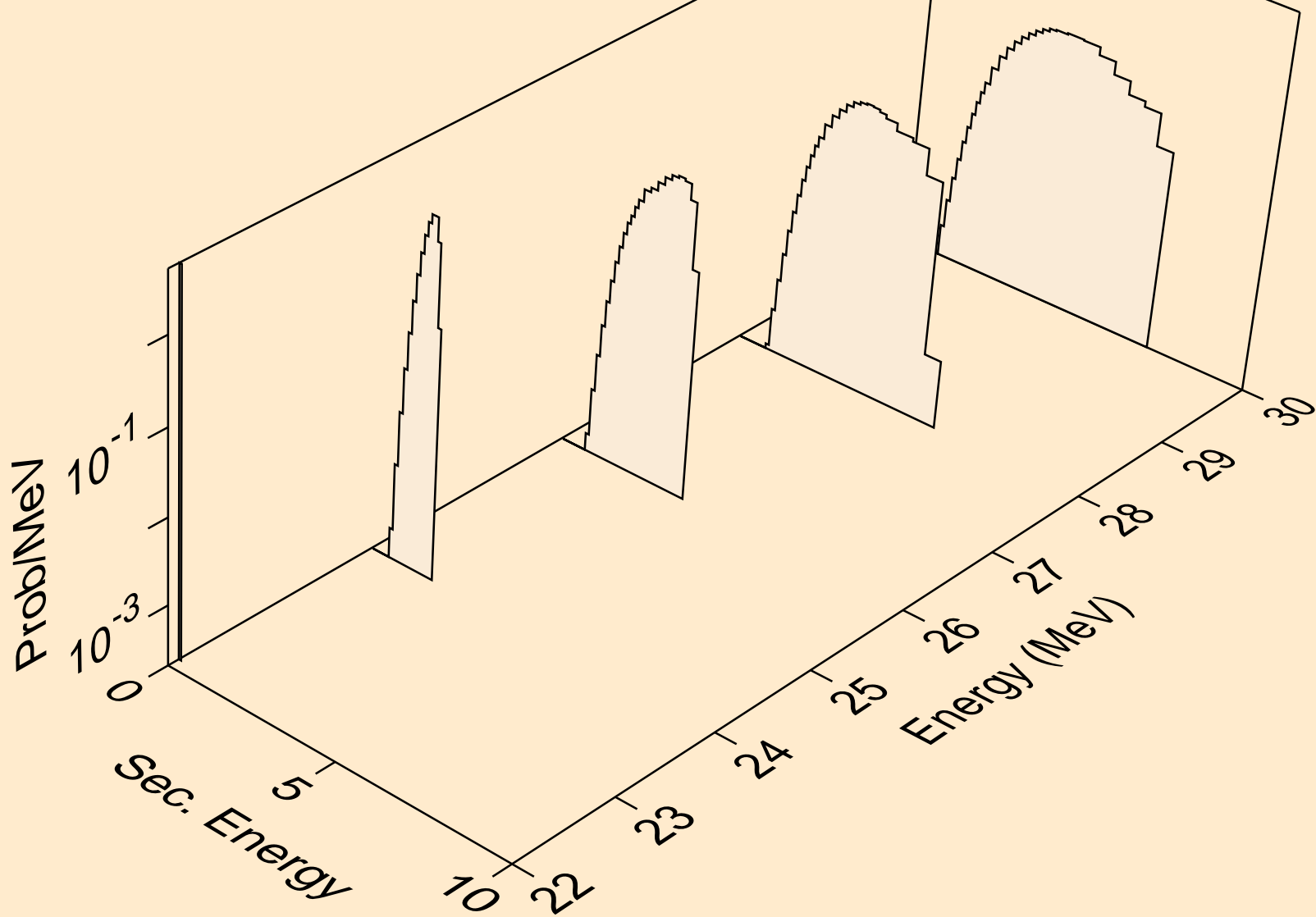


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

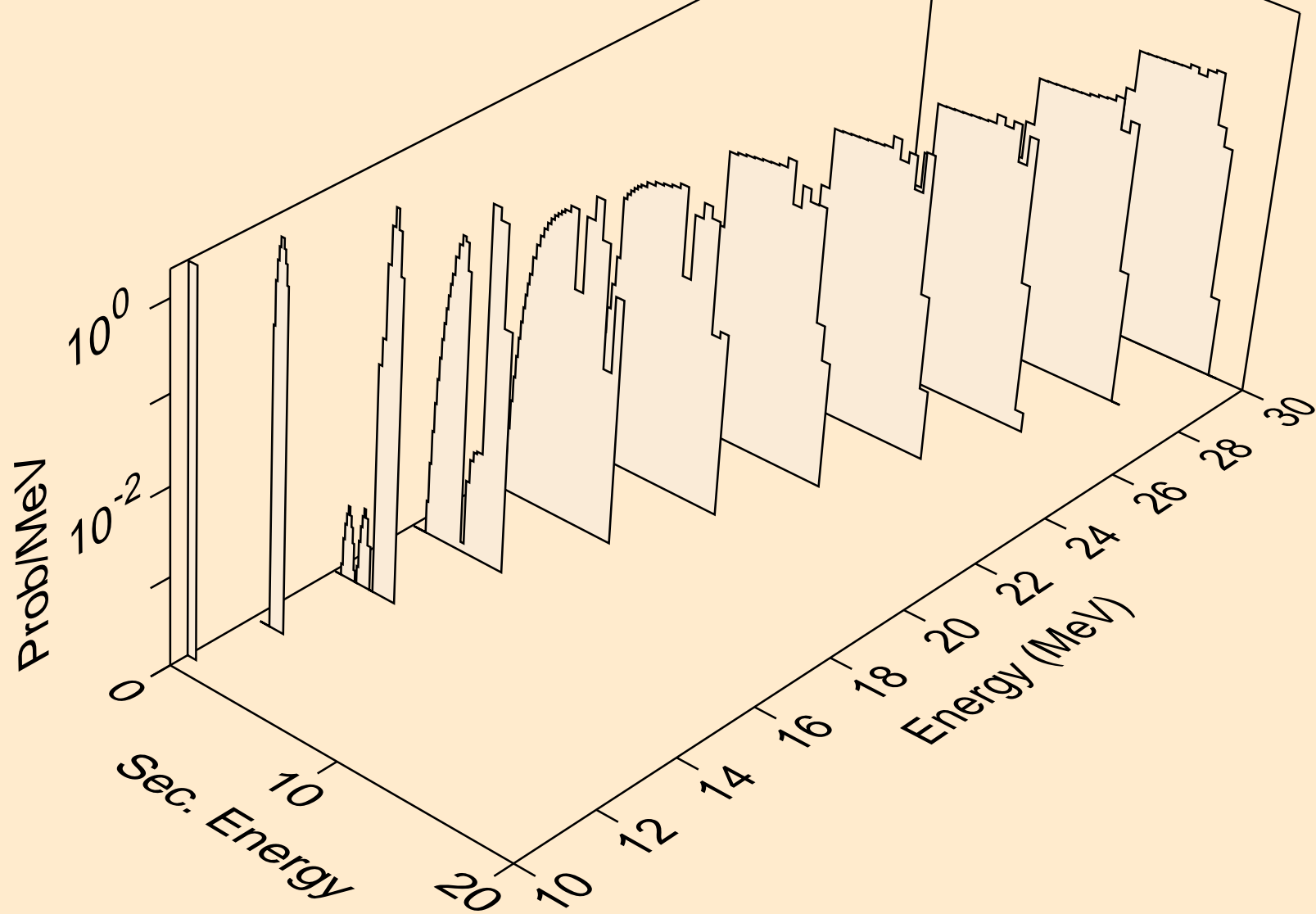




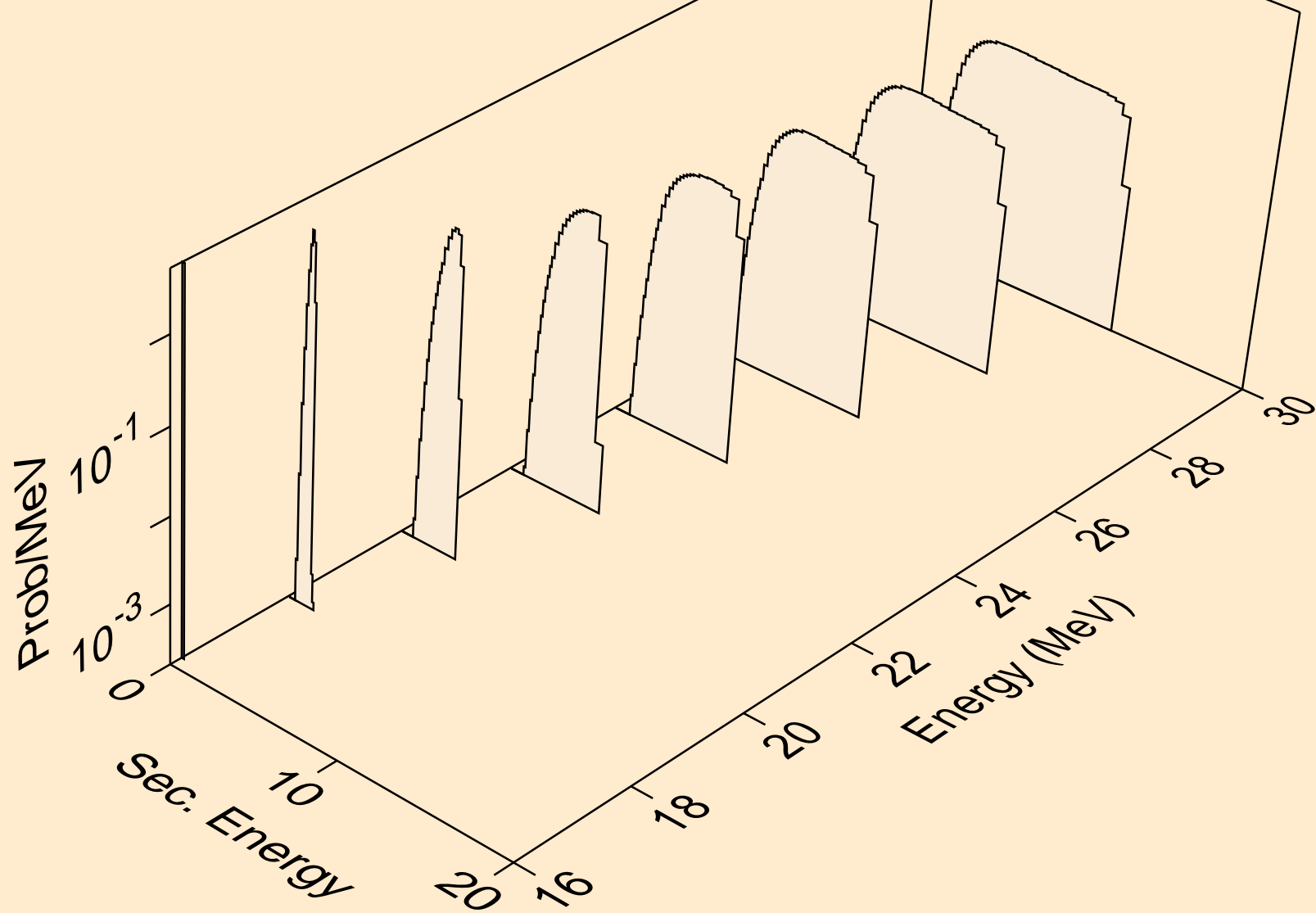
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deuterons from (p,n\*)d



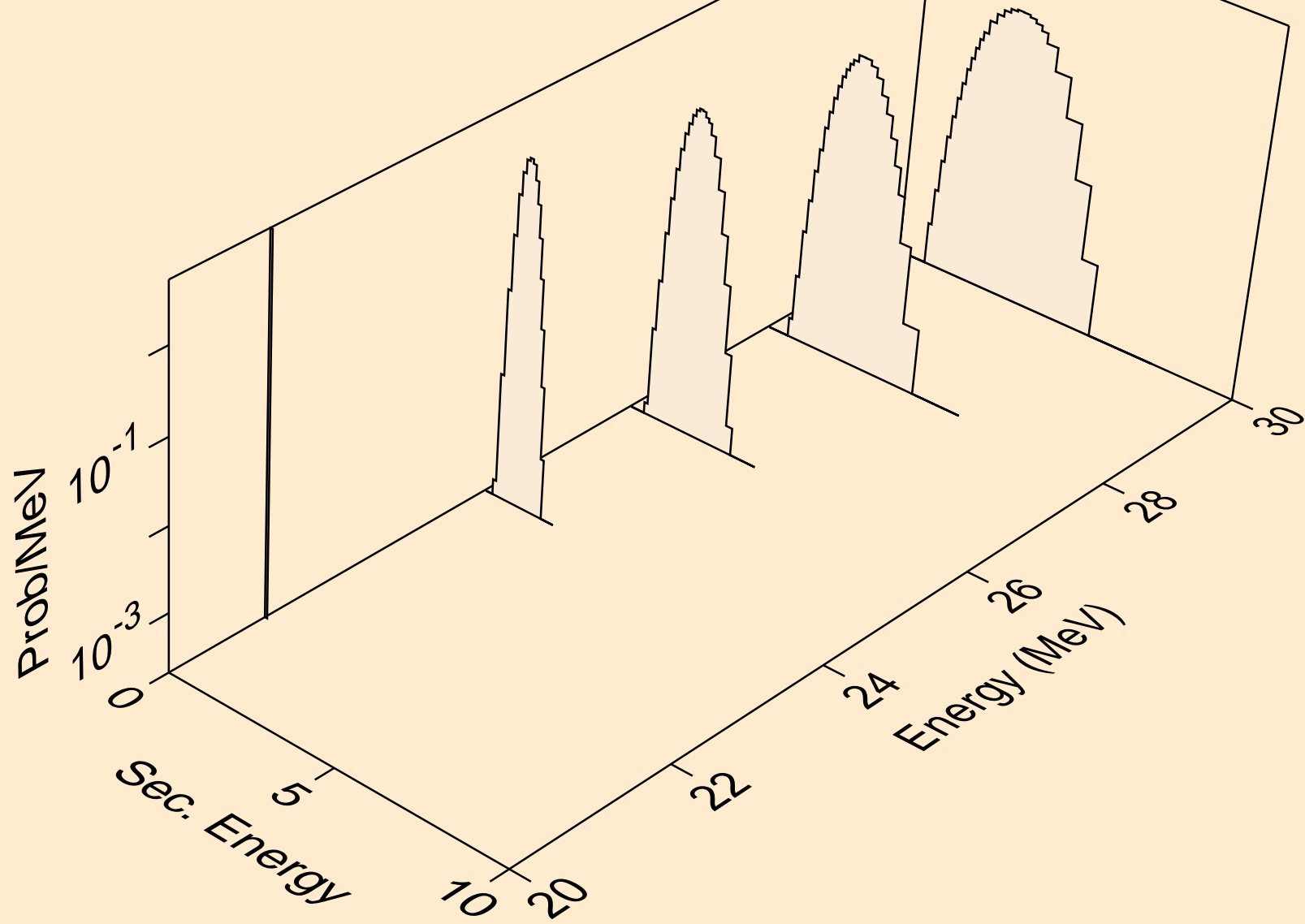
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deuterons from (p,d)



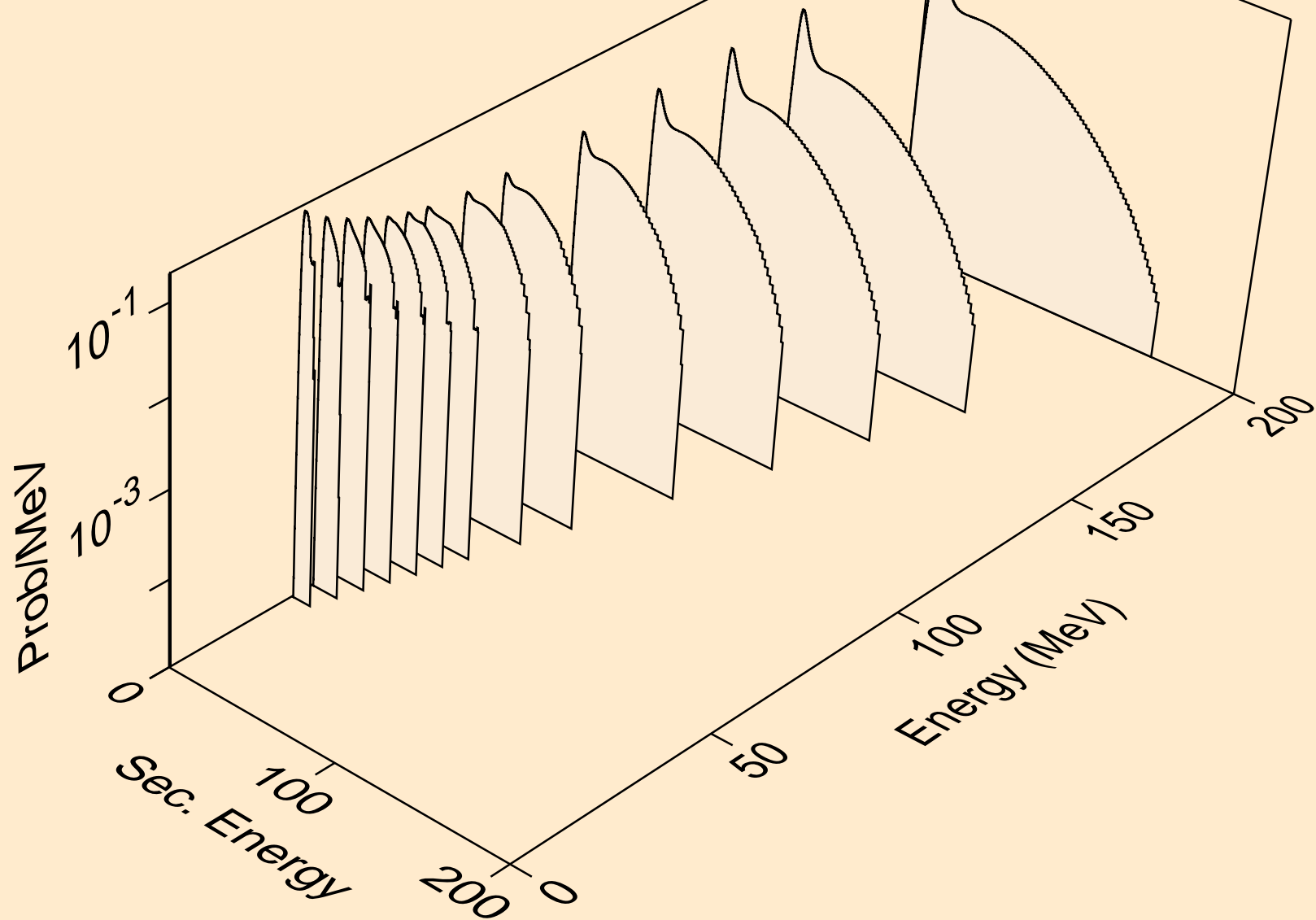
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deuterons from (p,pd)



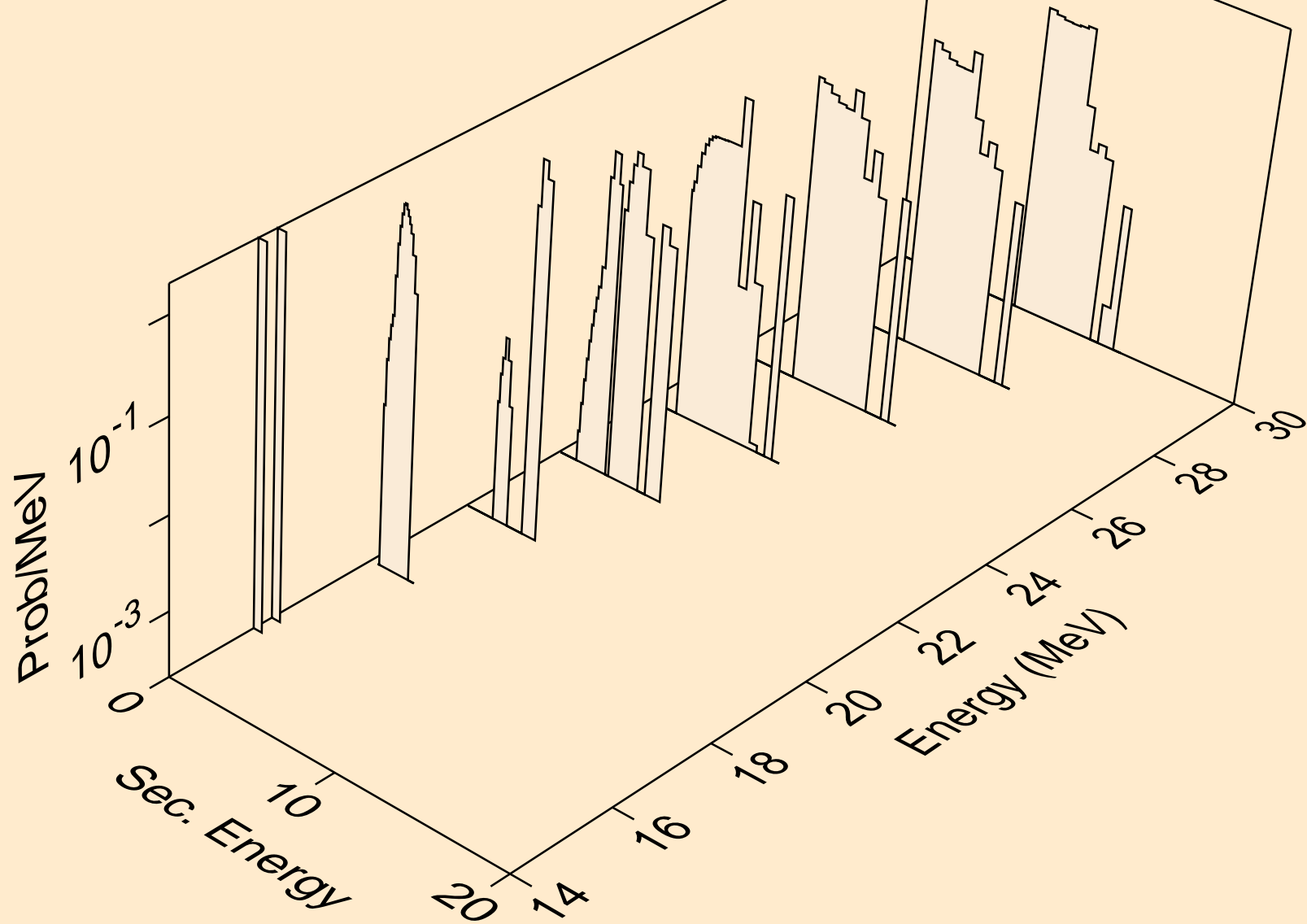
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deuterons from (p,da)



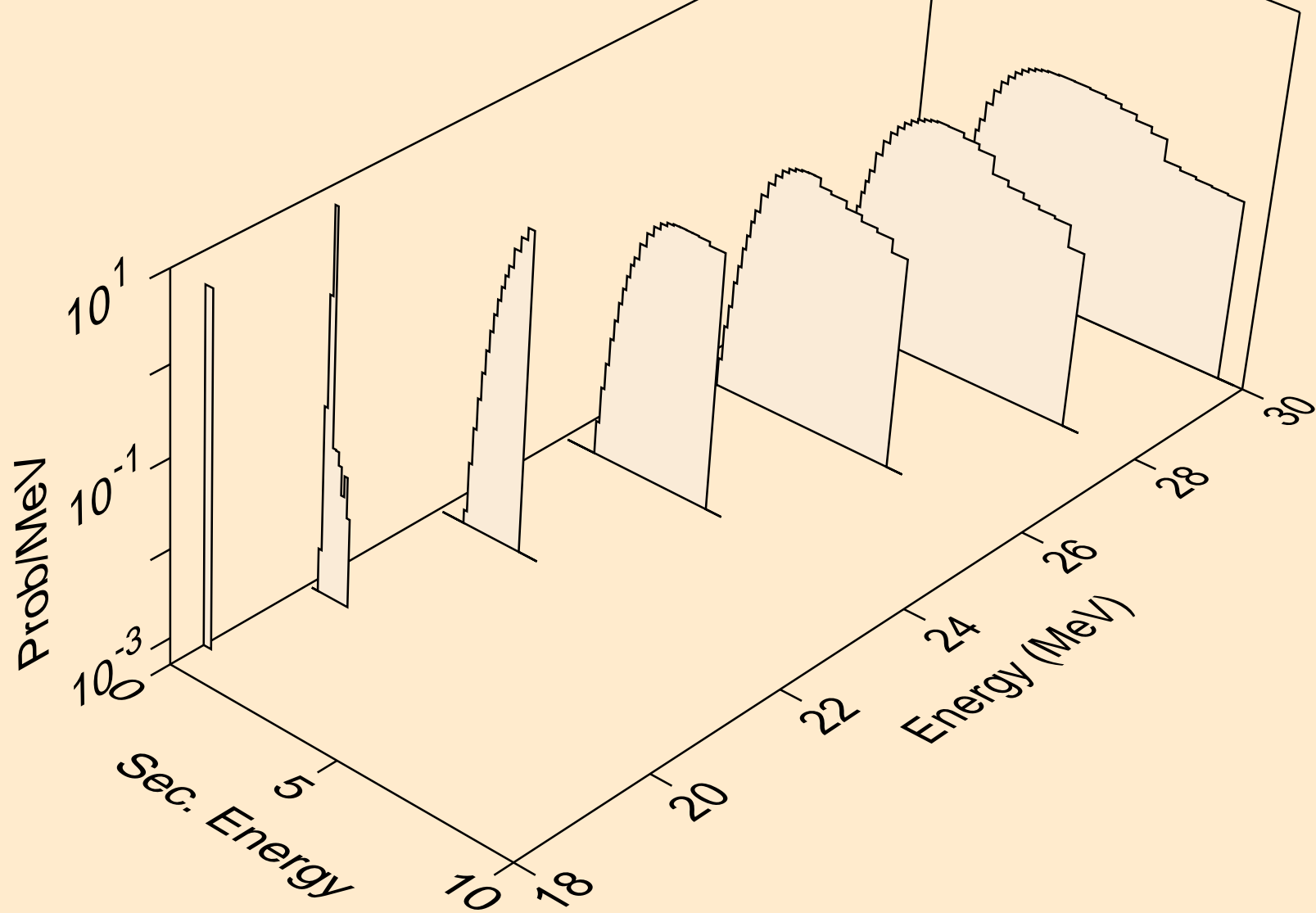
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



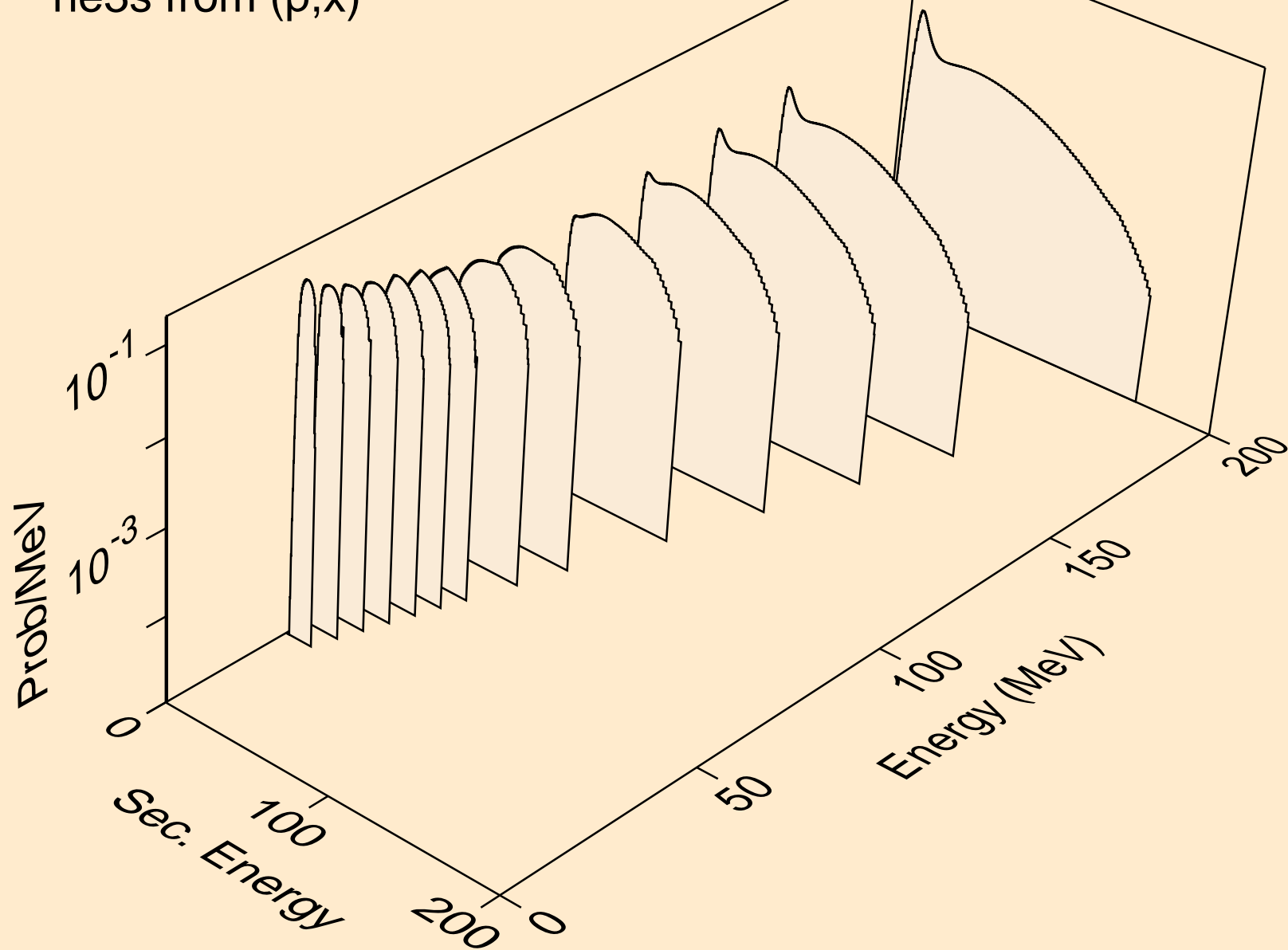
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

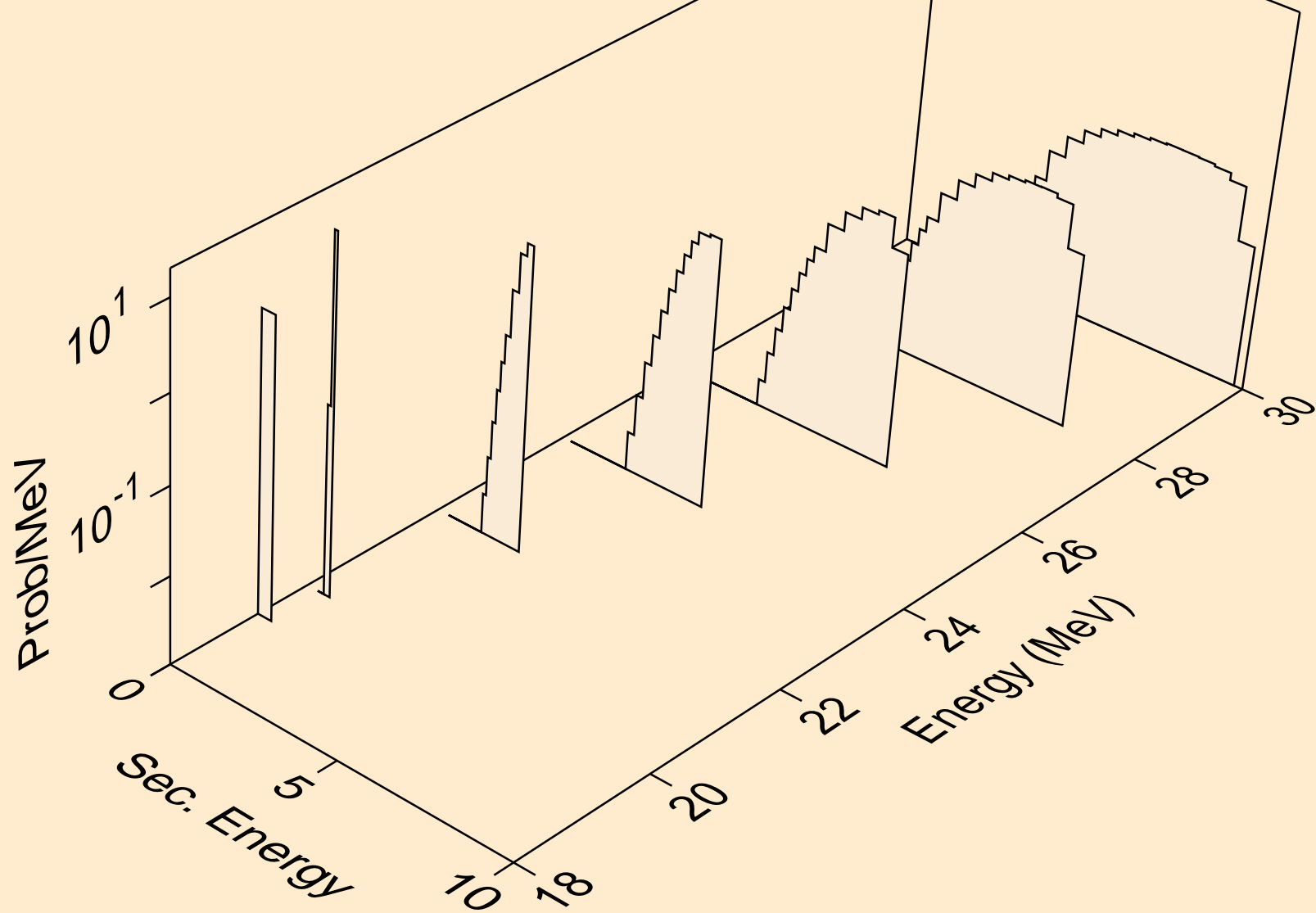


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

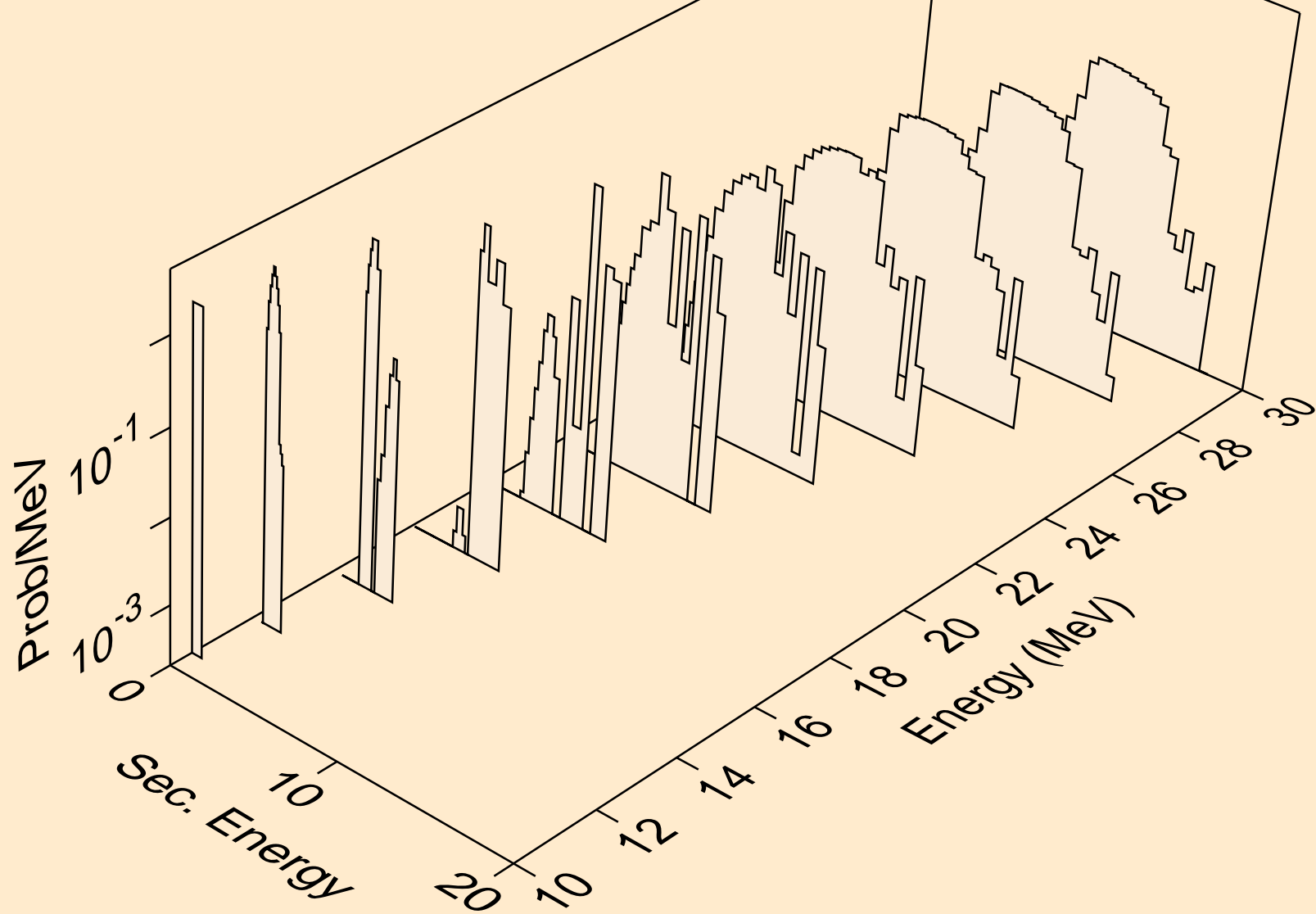




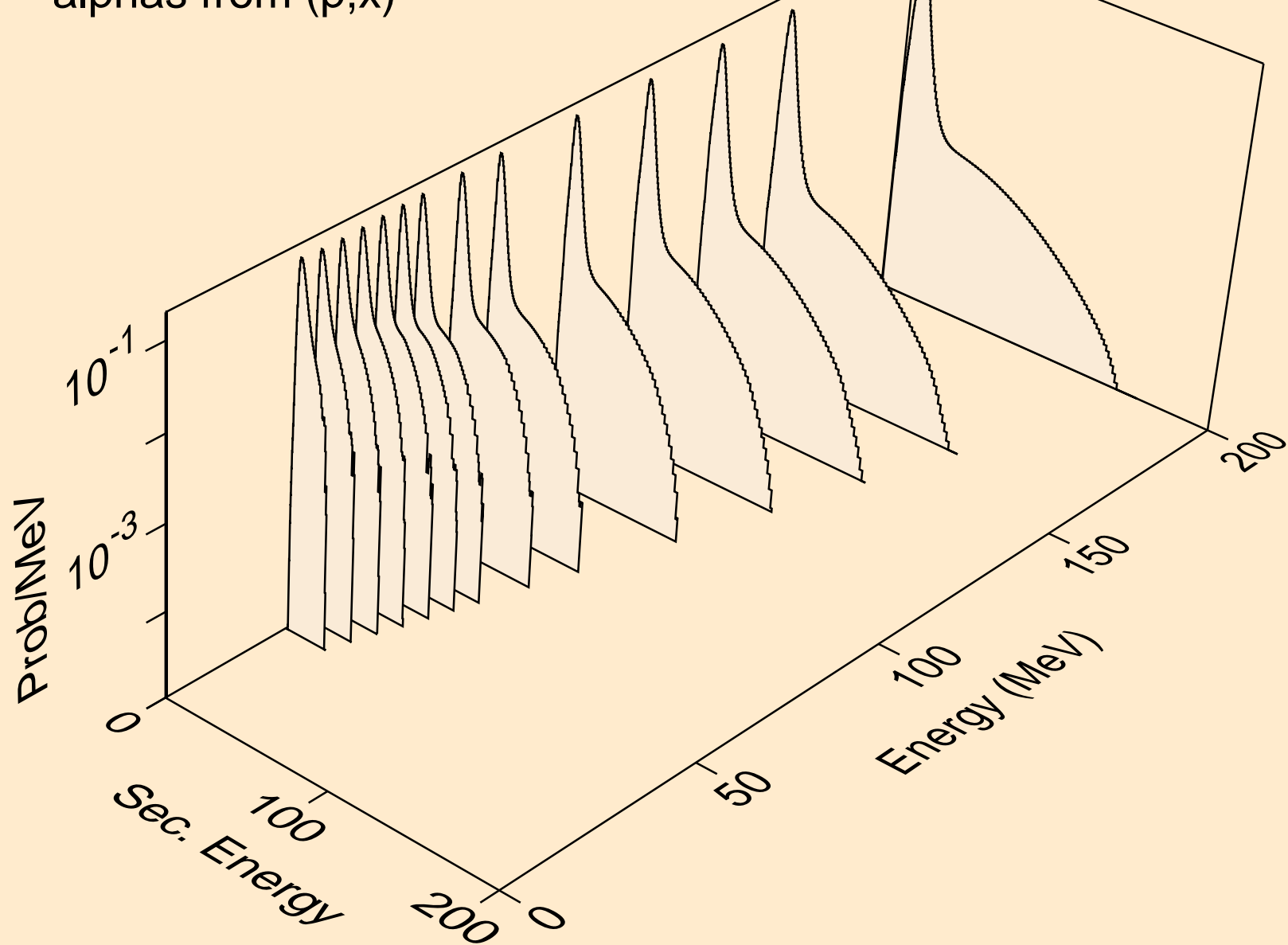
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he3s from (p,n\*)he3



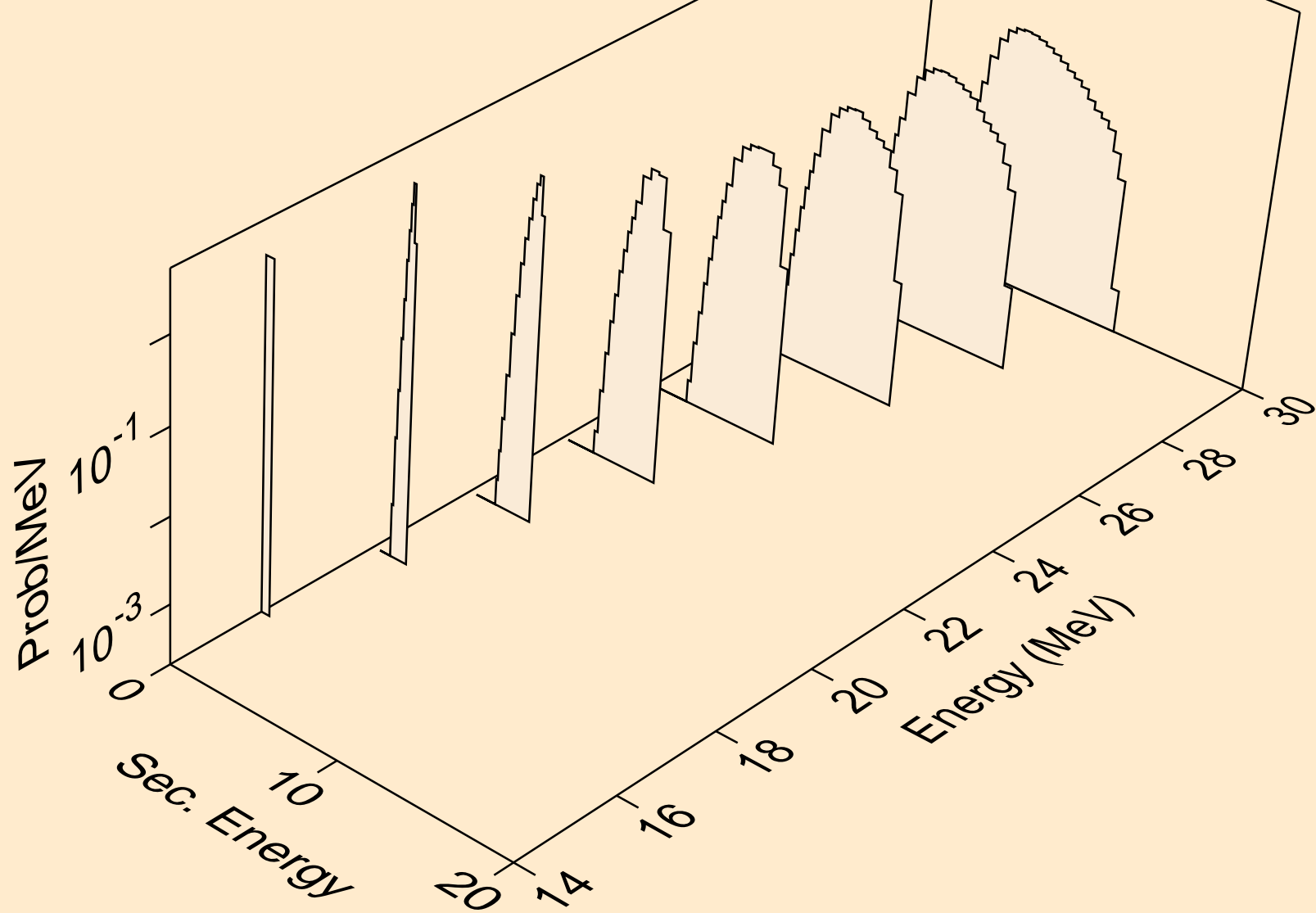
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



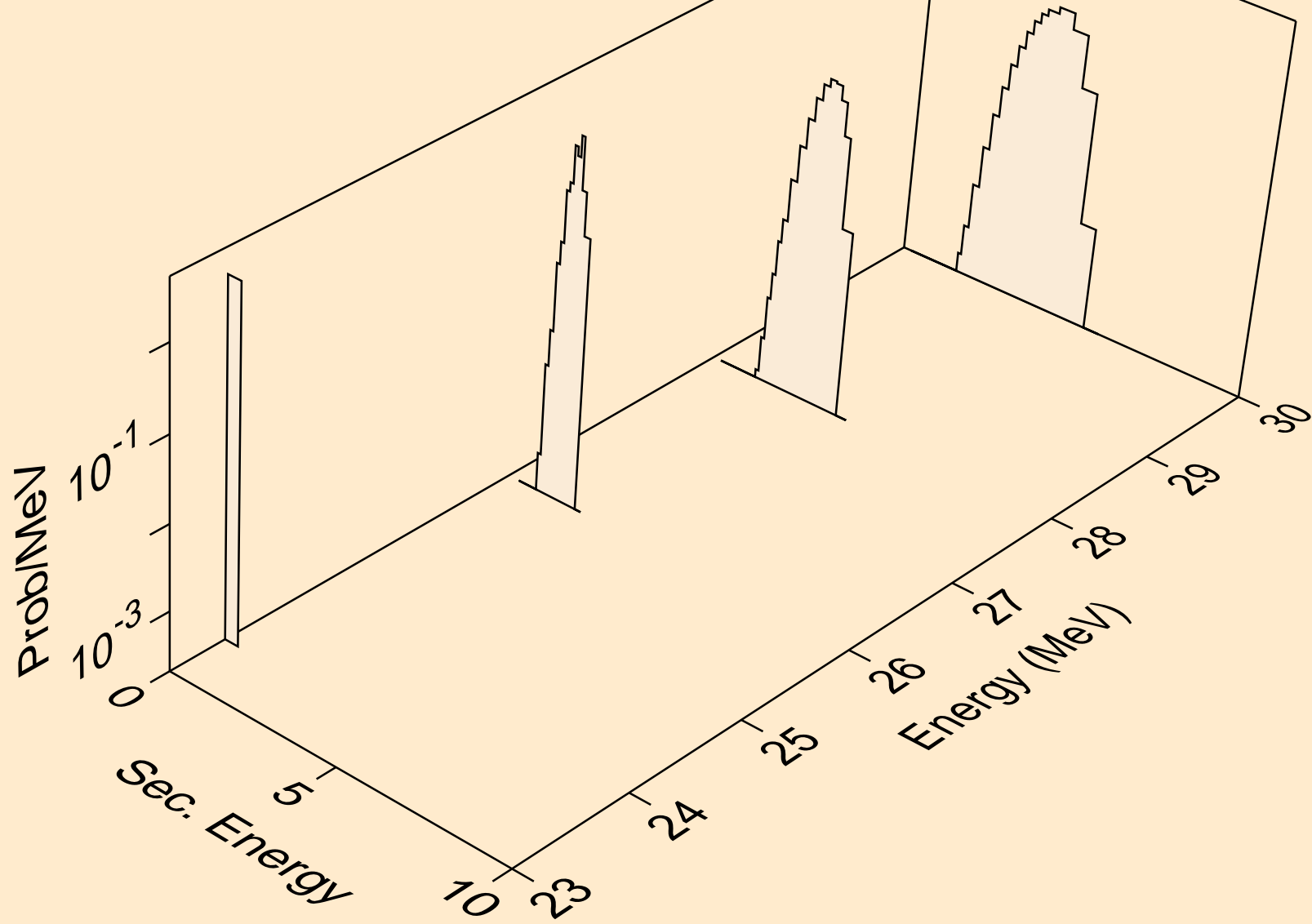
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



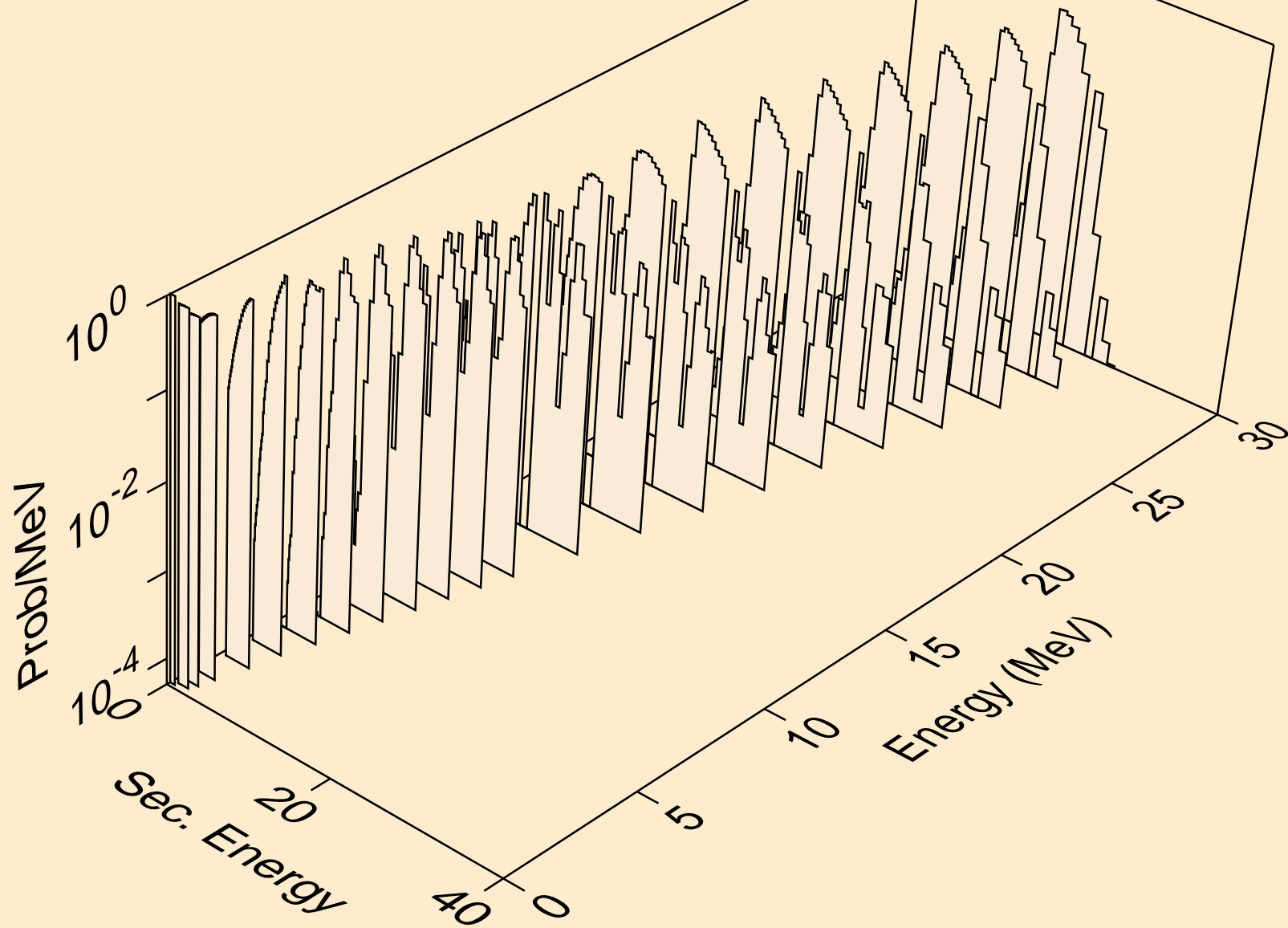
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



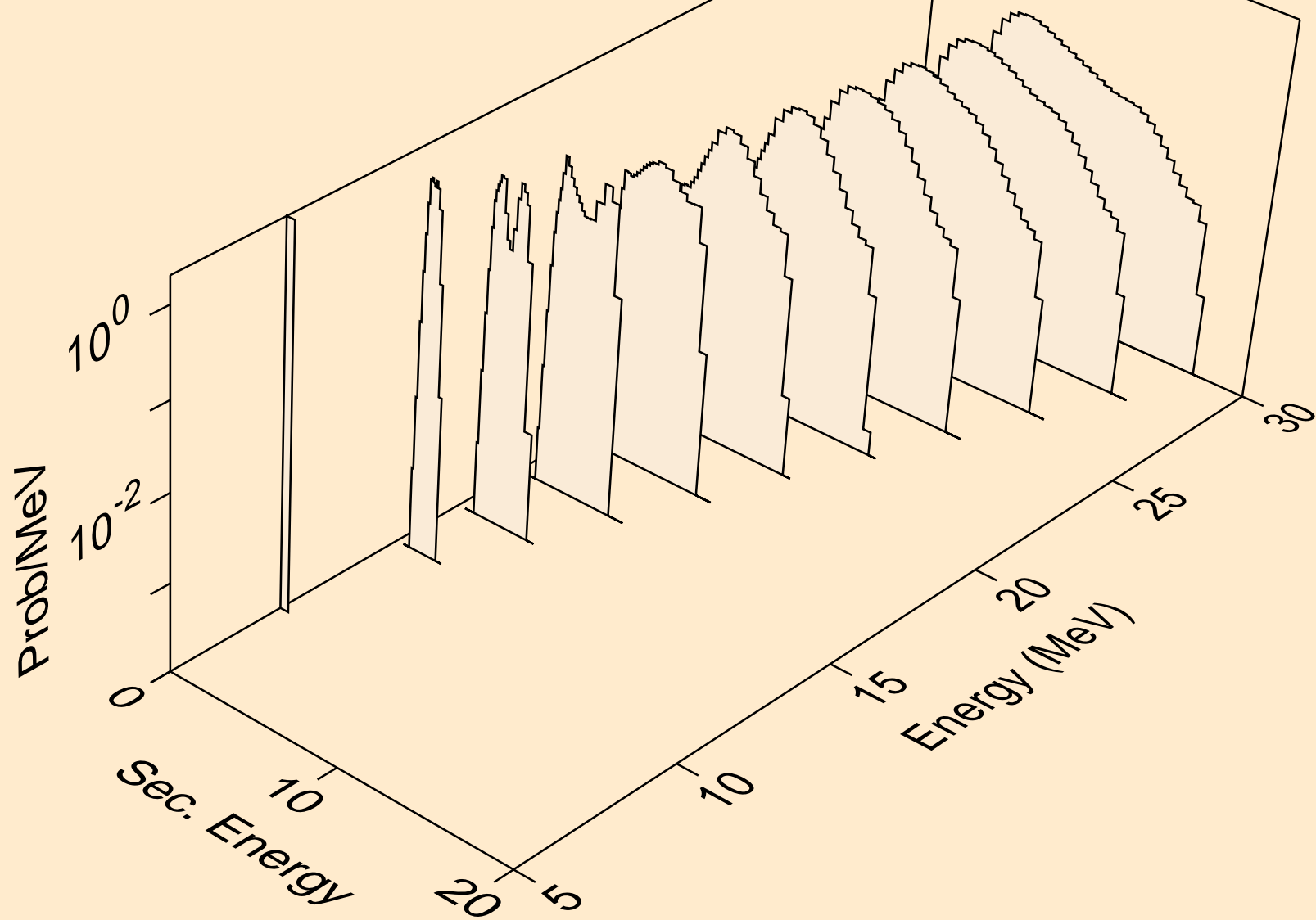
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



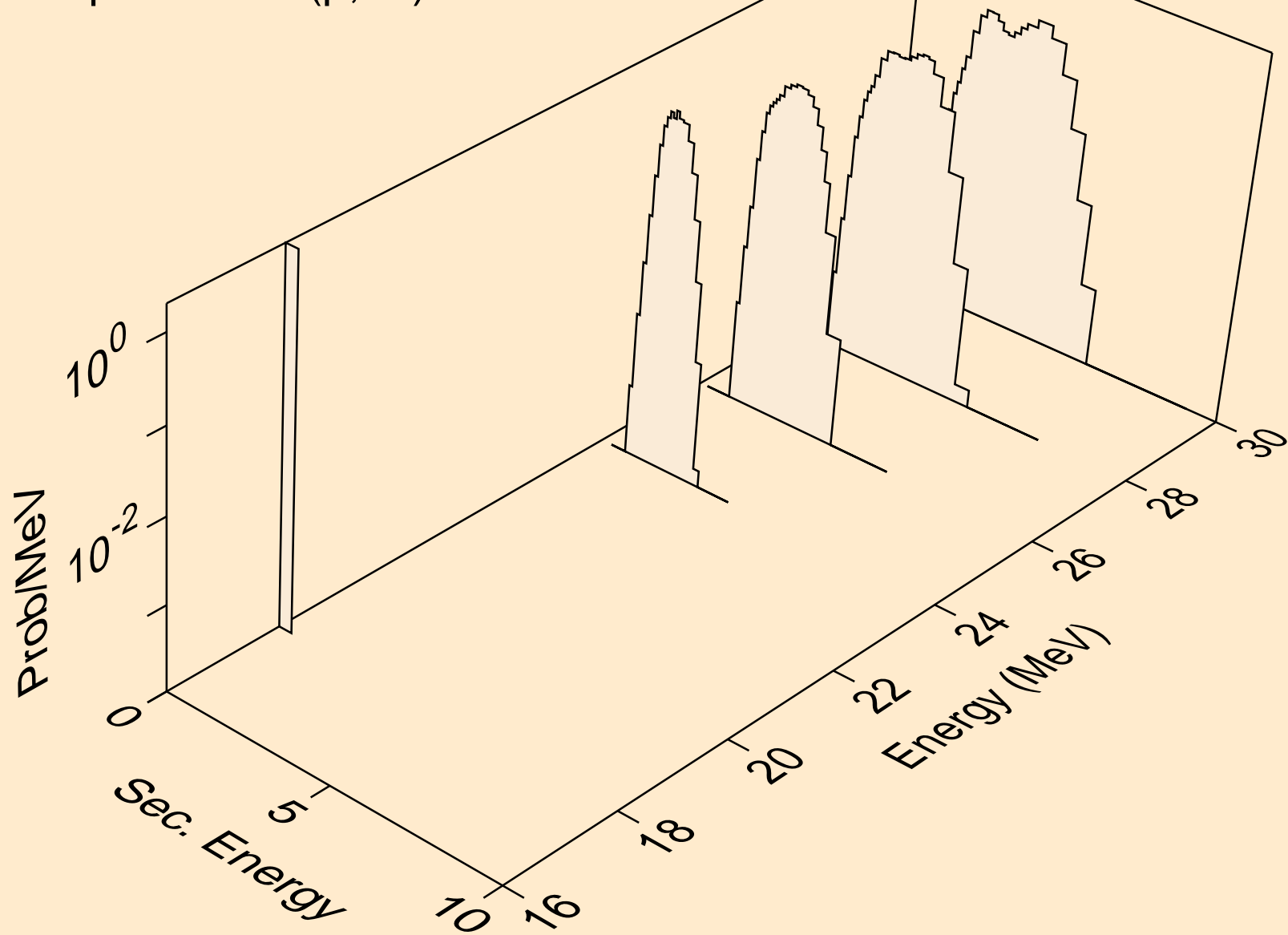
P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)

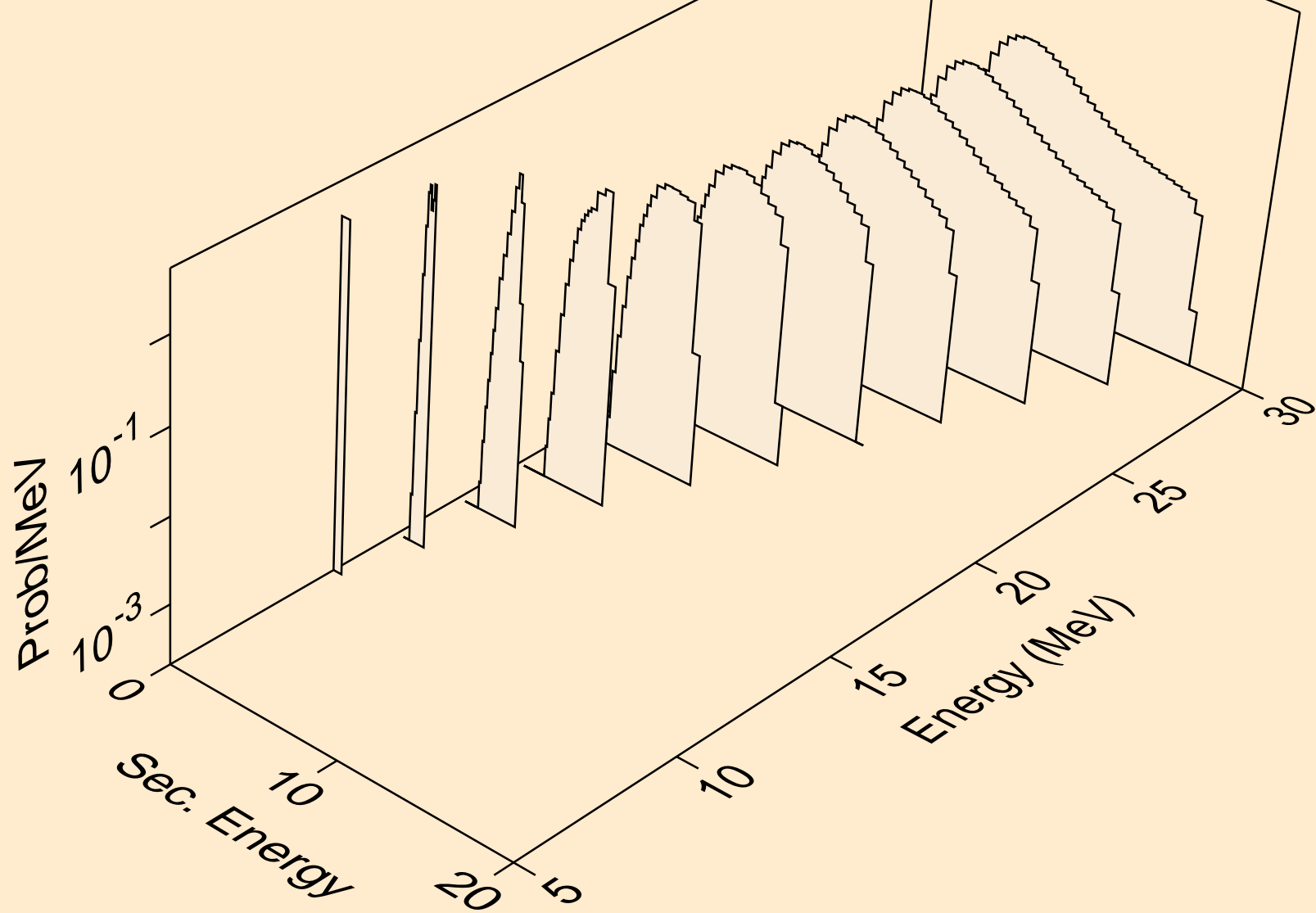


P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)





P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



P031 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

