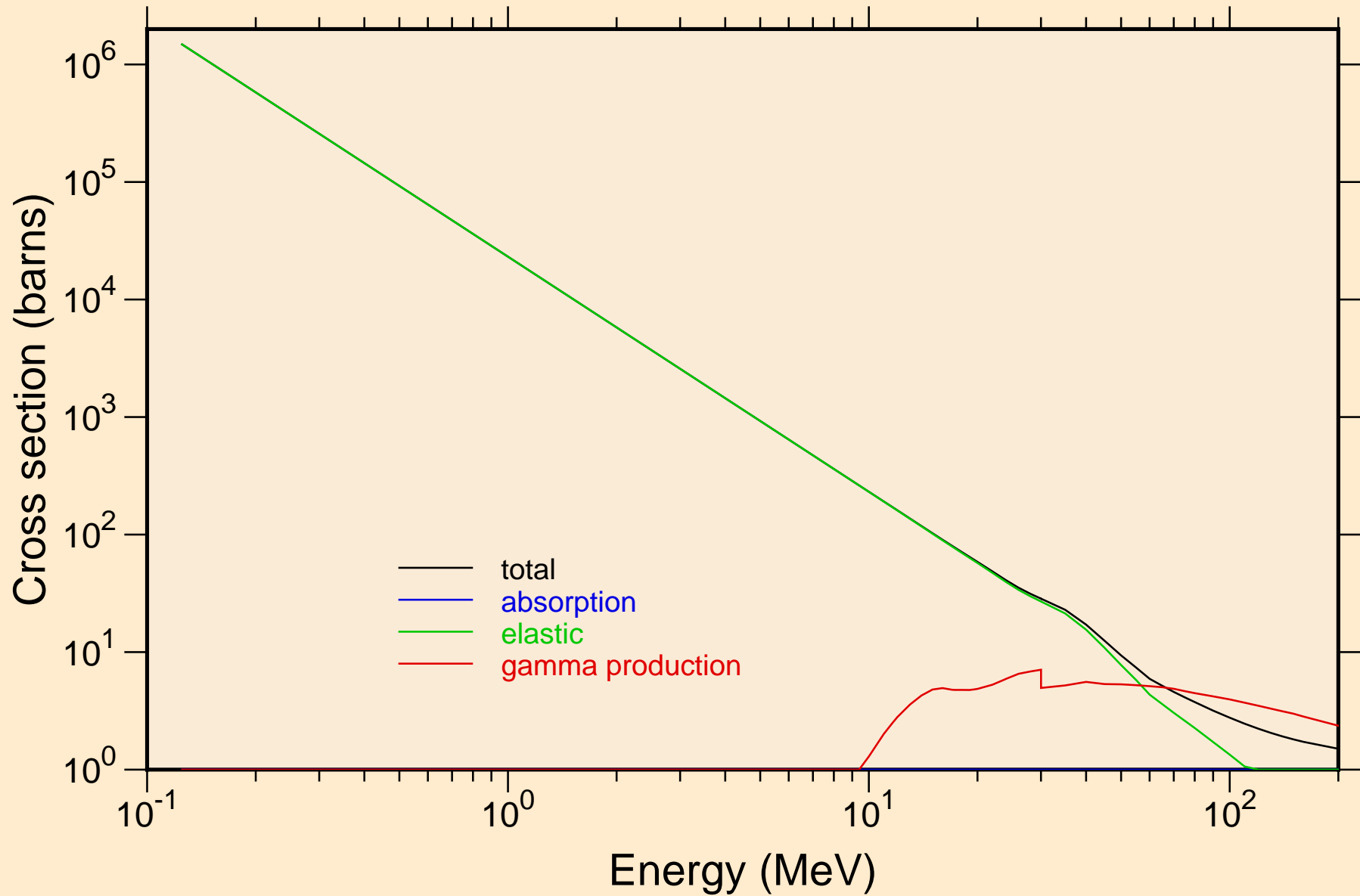
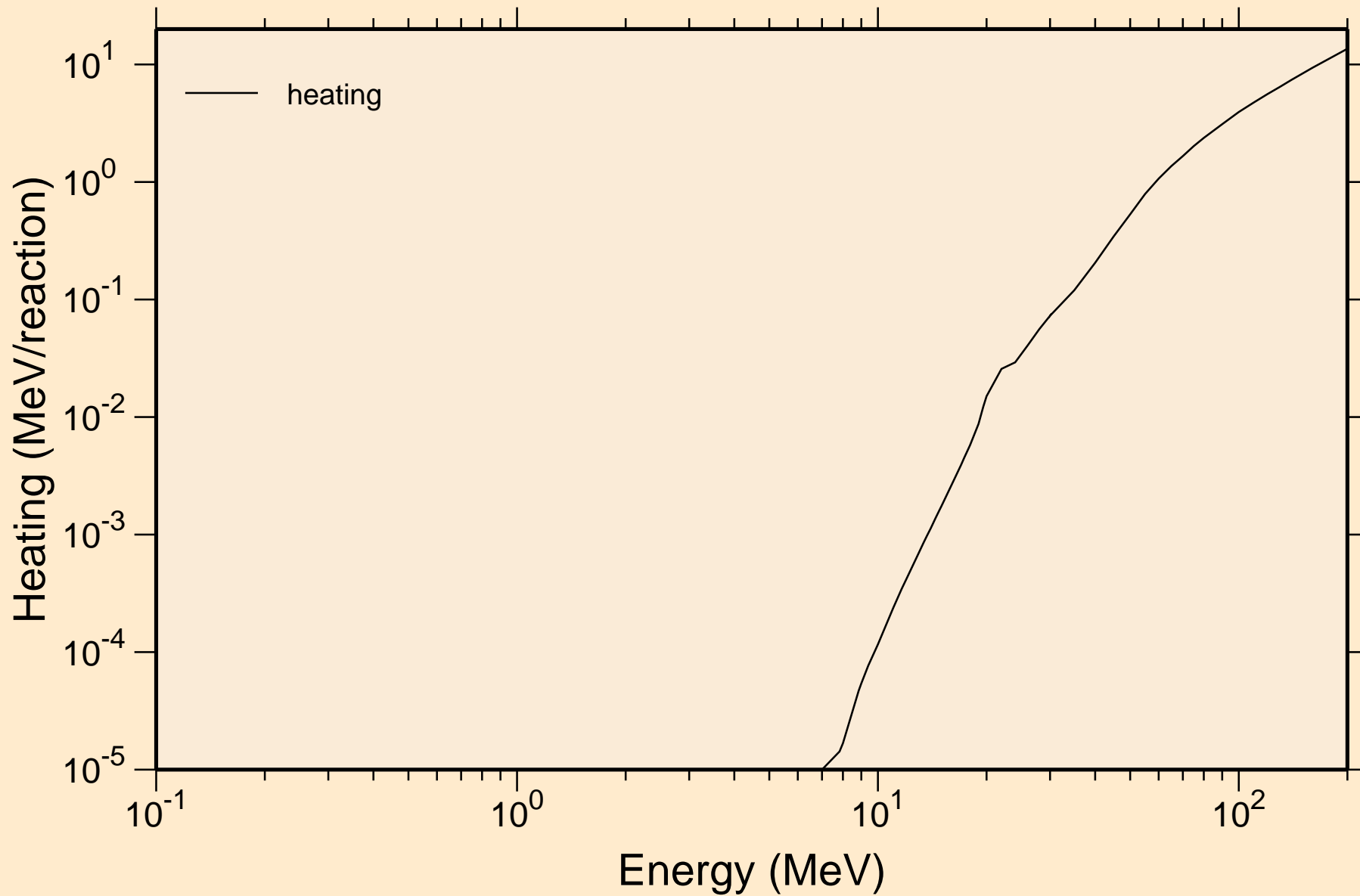


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

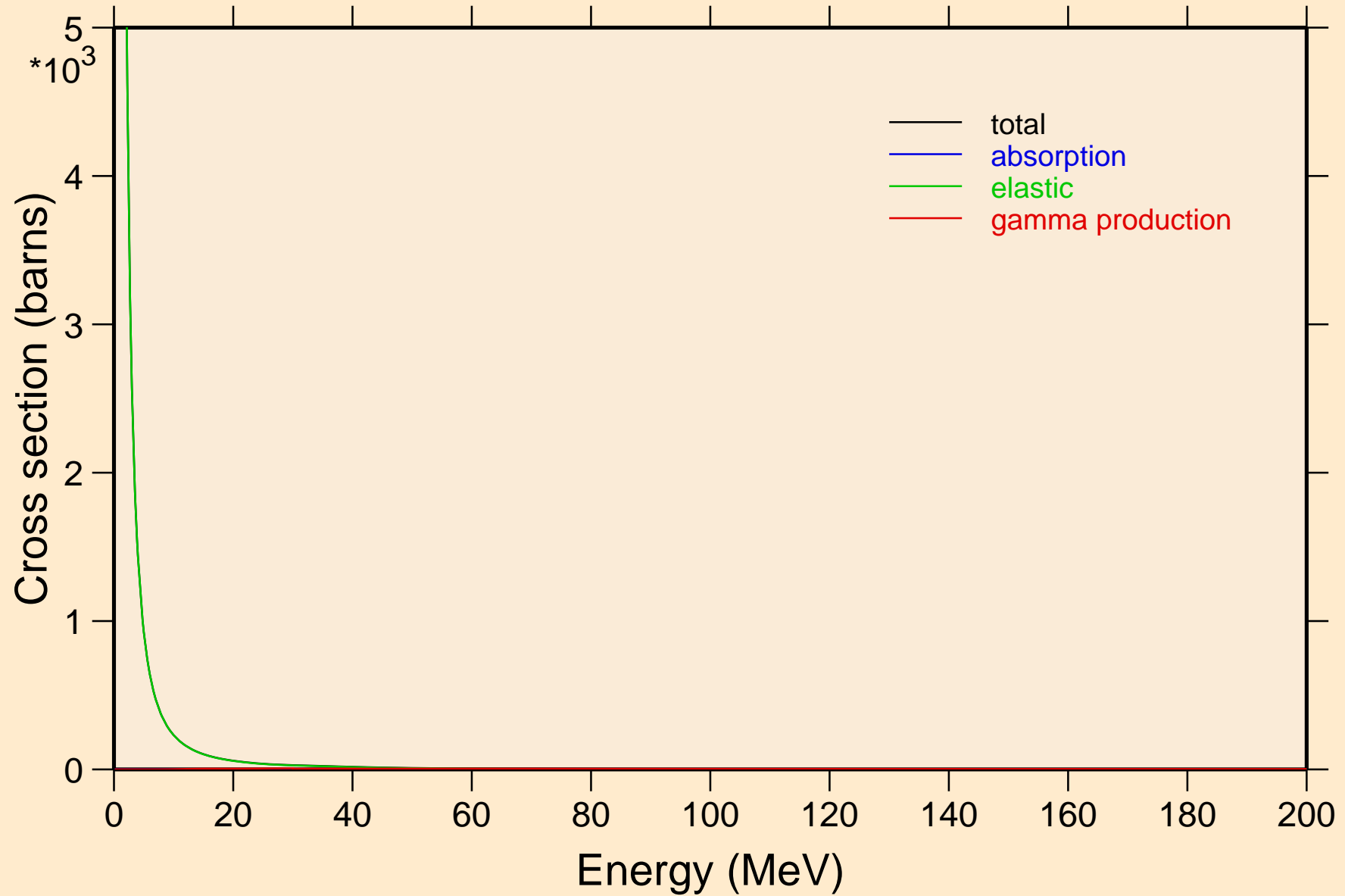


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



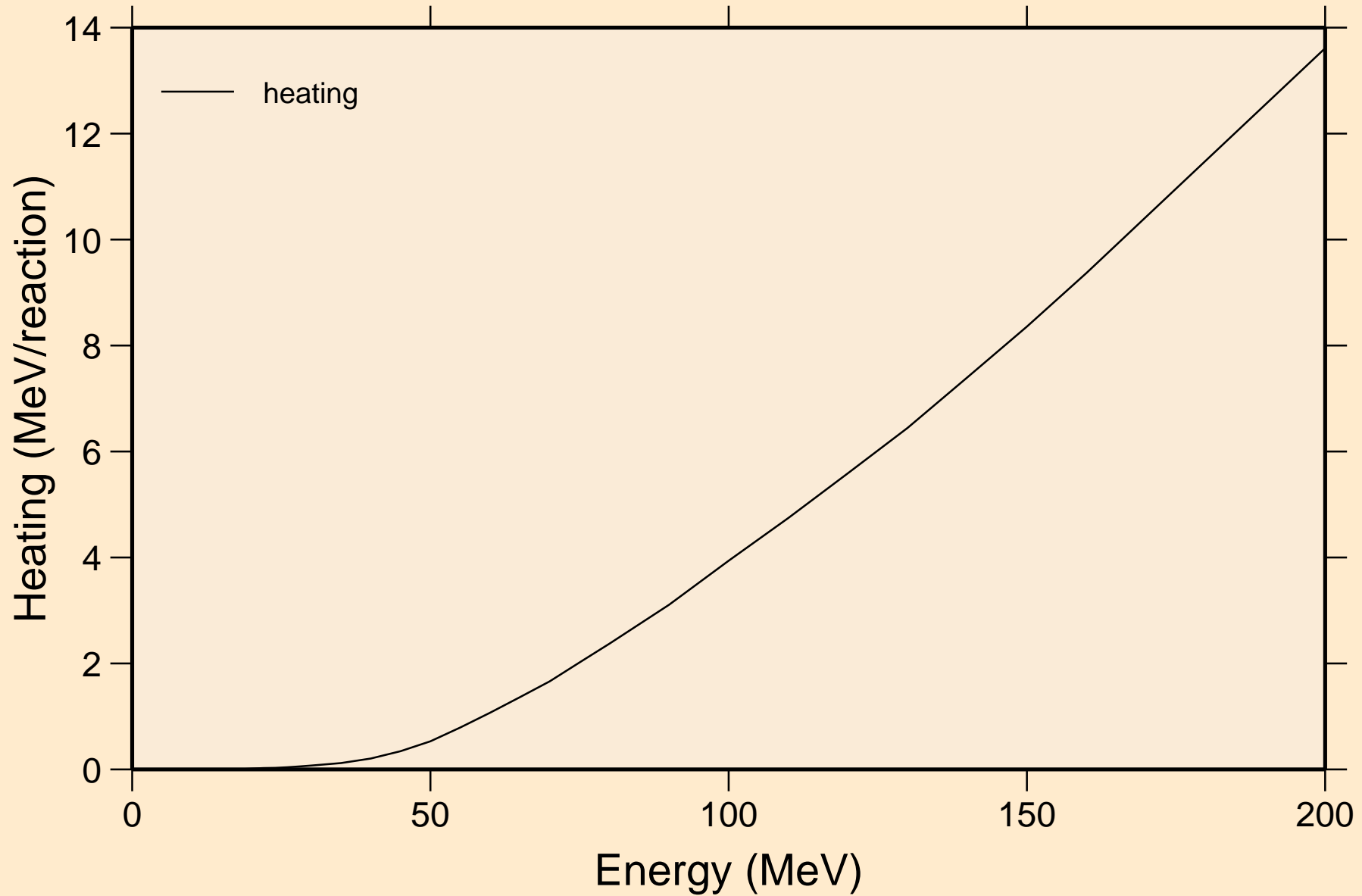
# PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



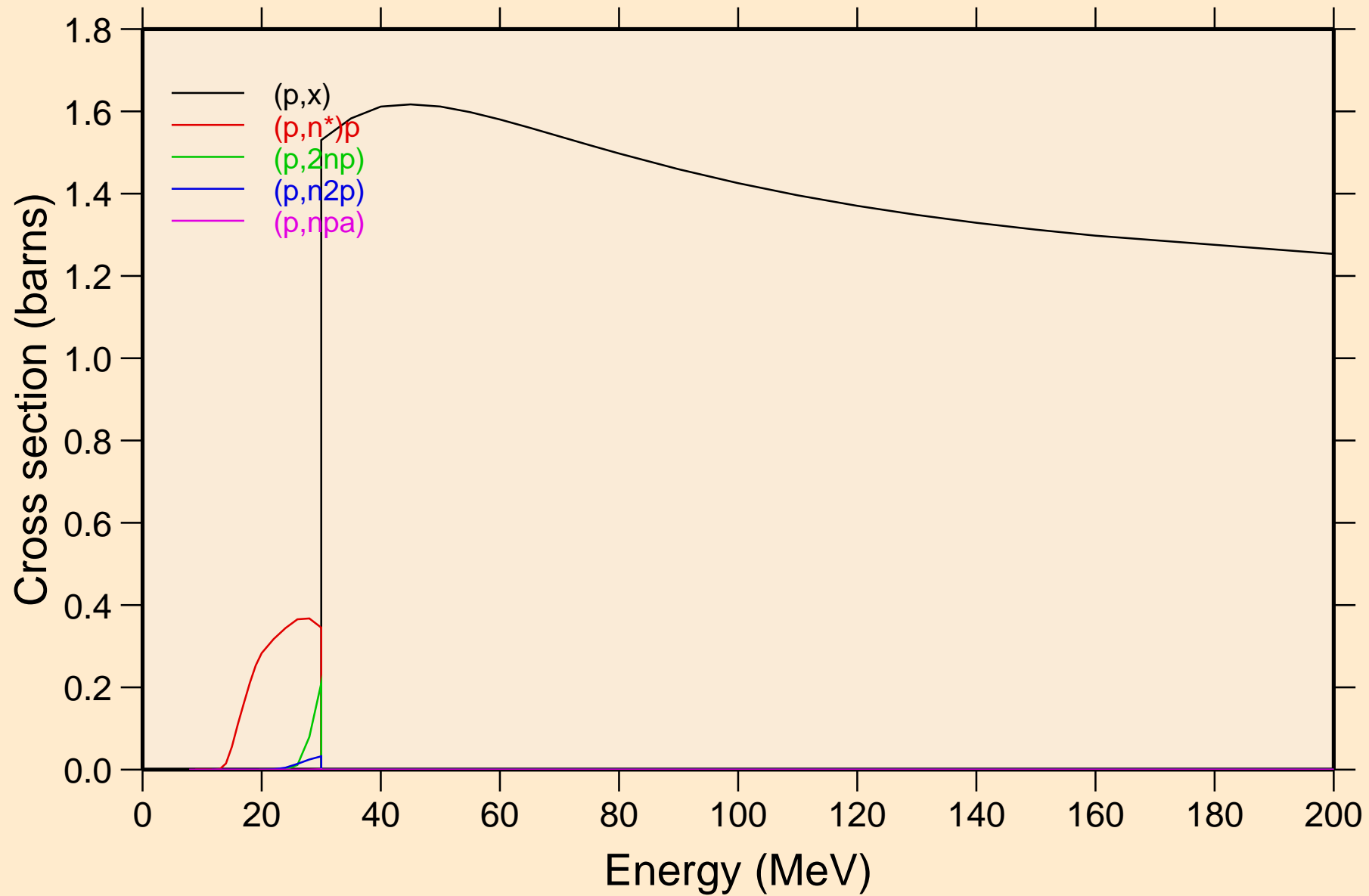
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## Heating

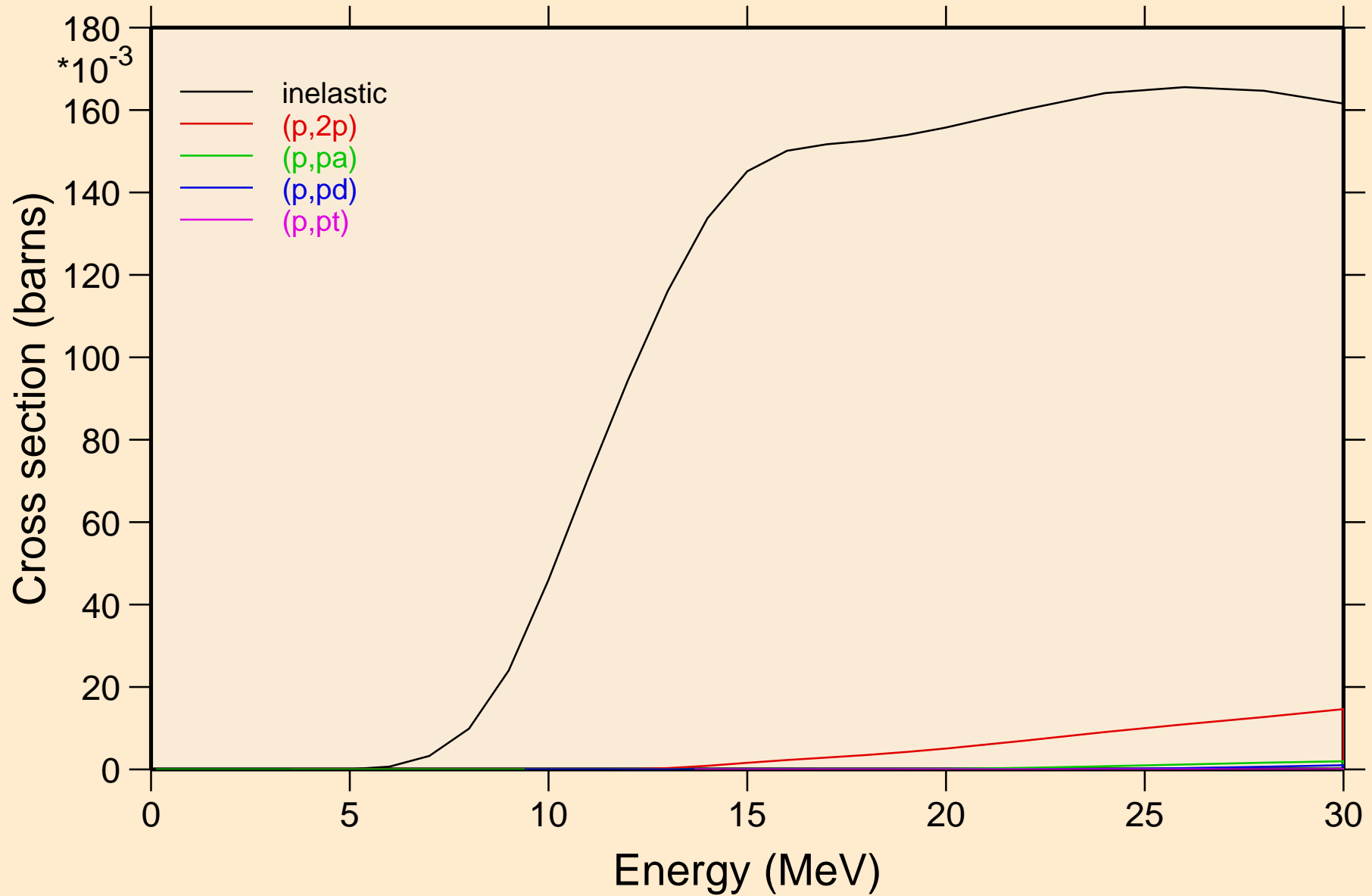


# PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K

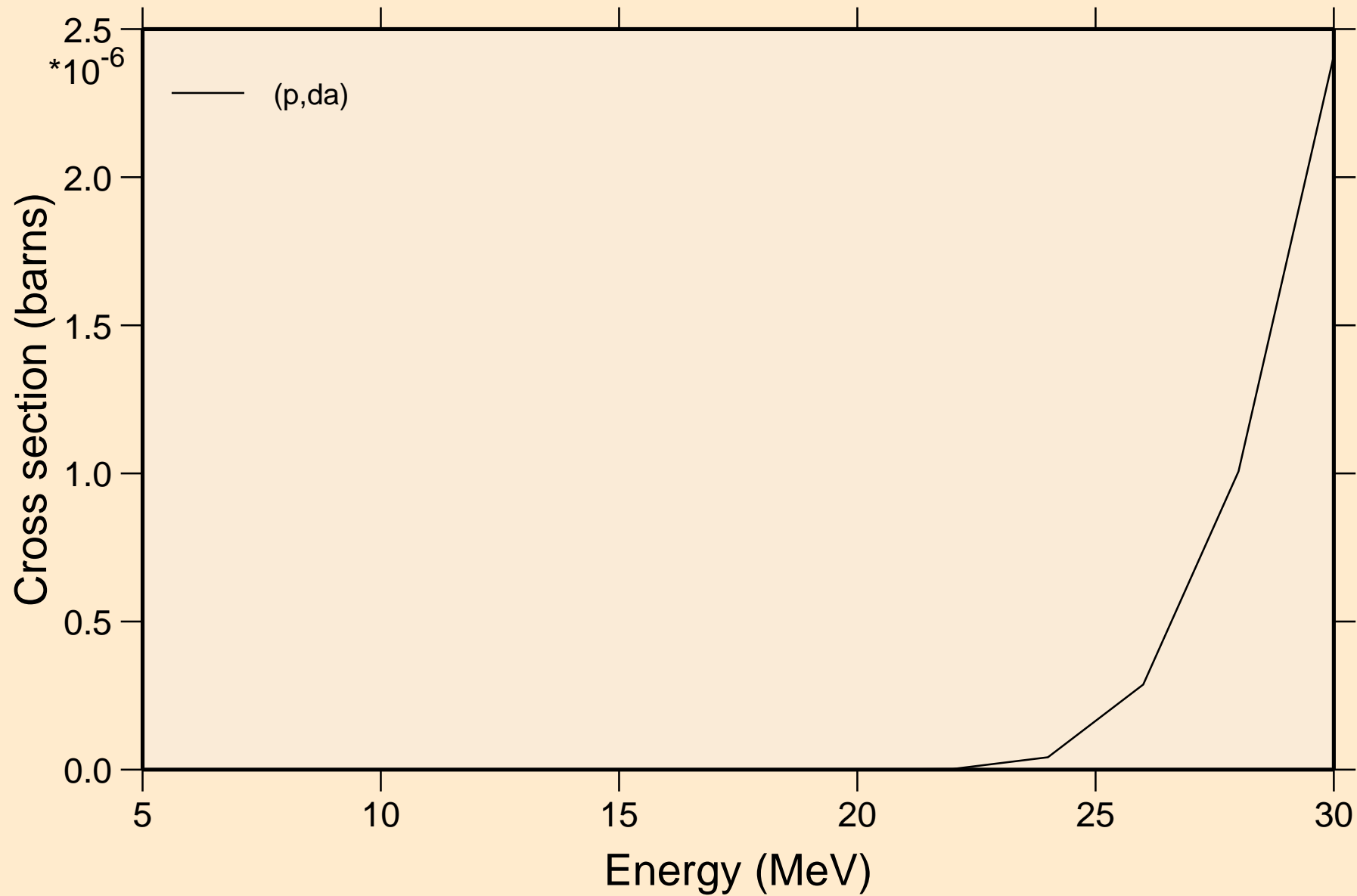
## Threshold reactions



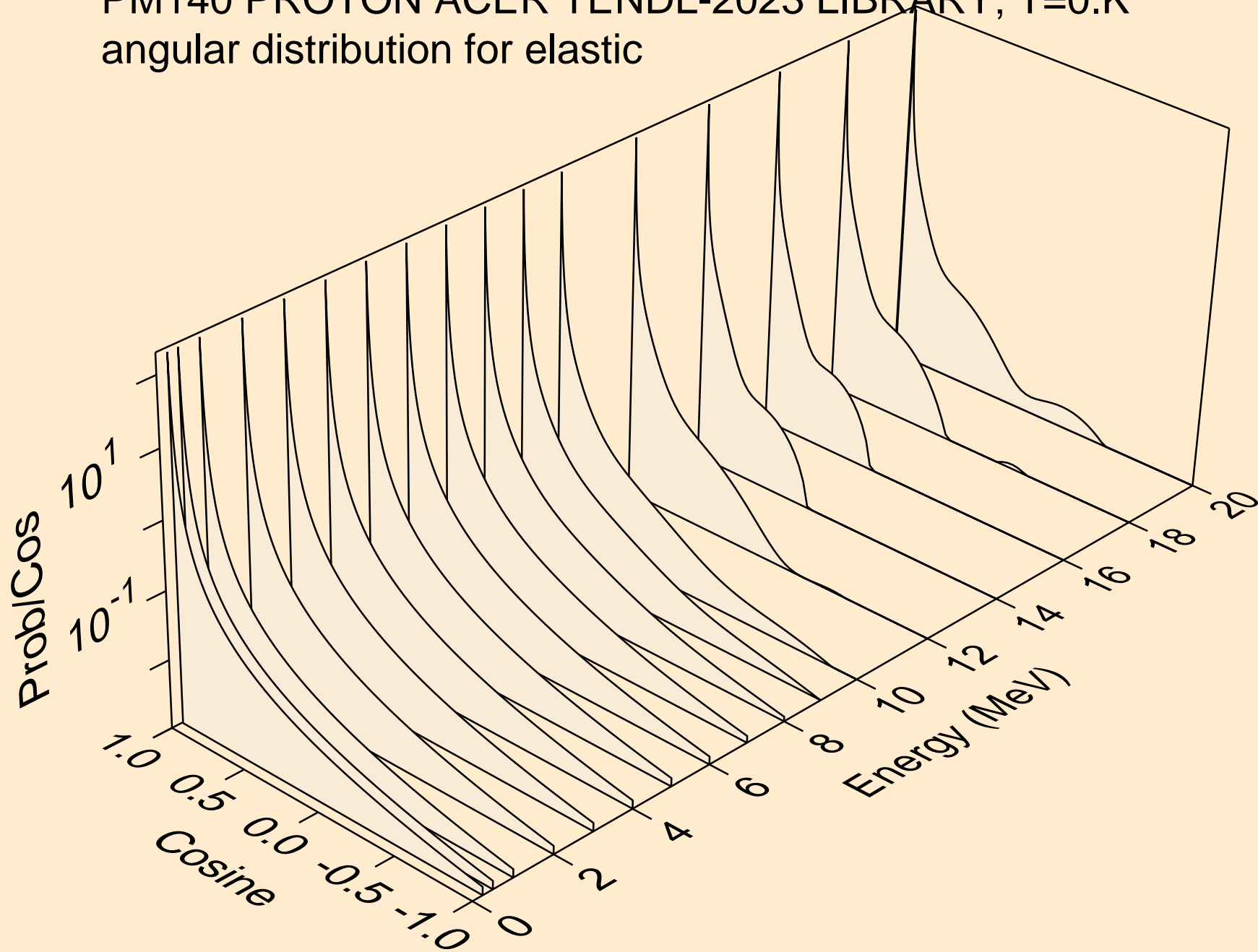
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

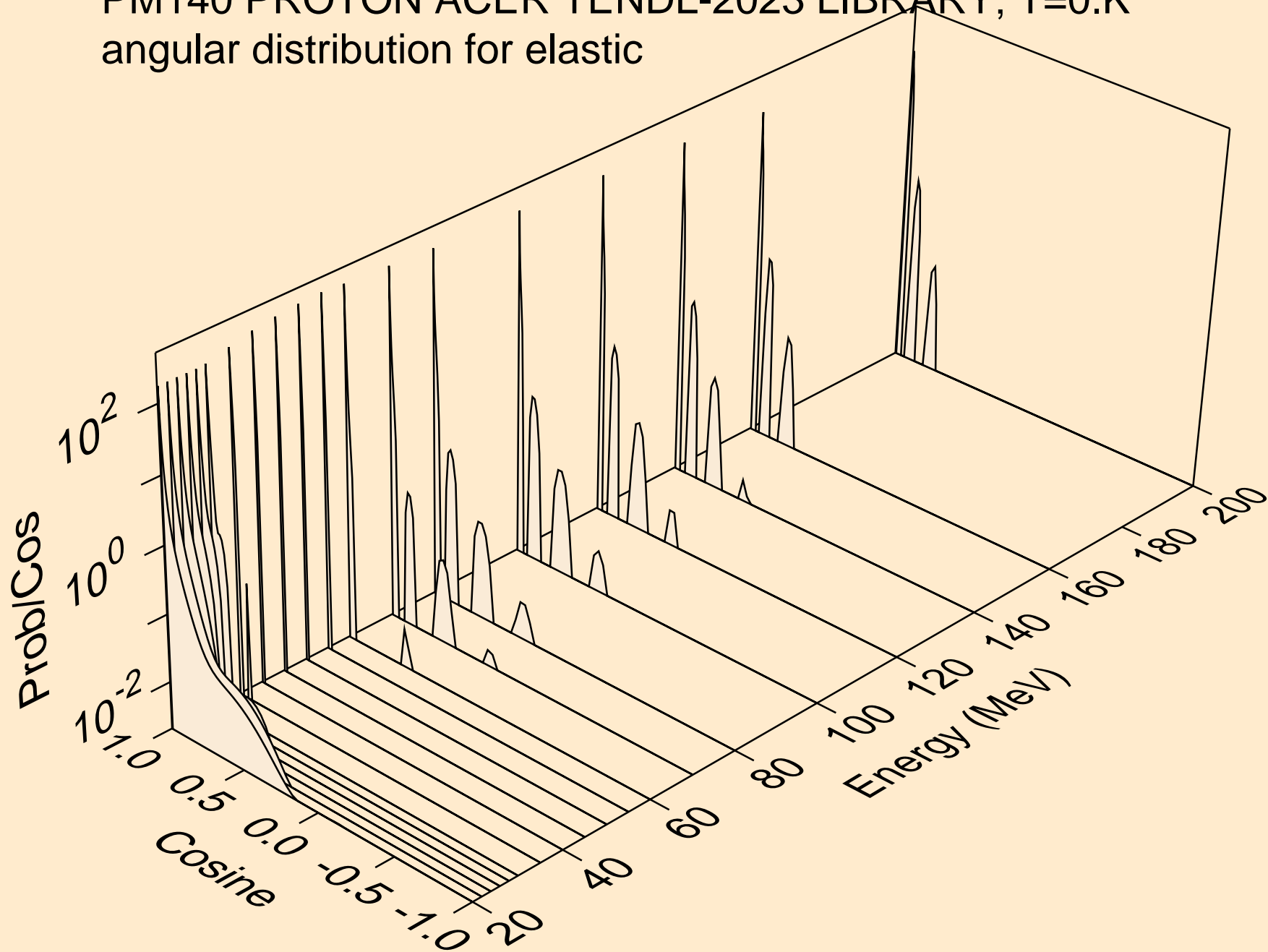


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

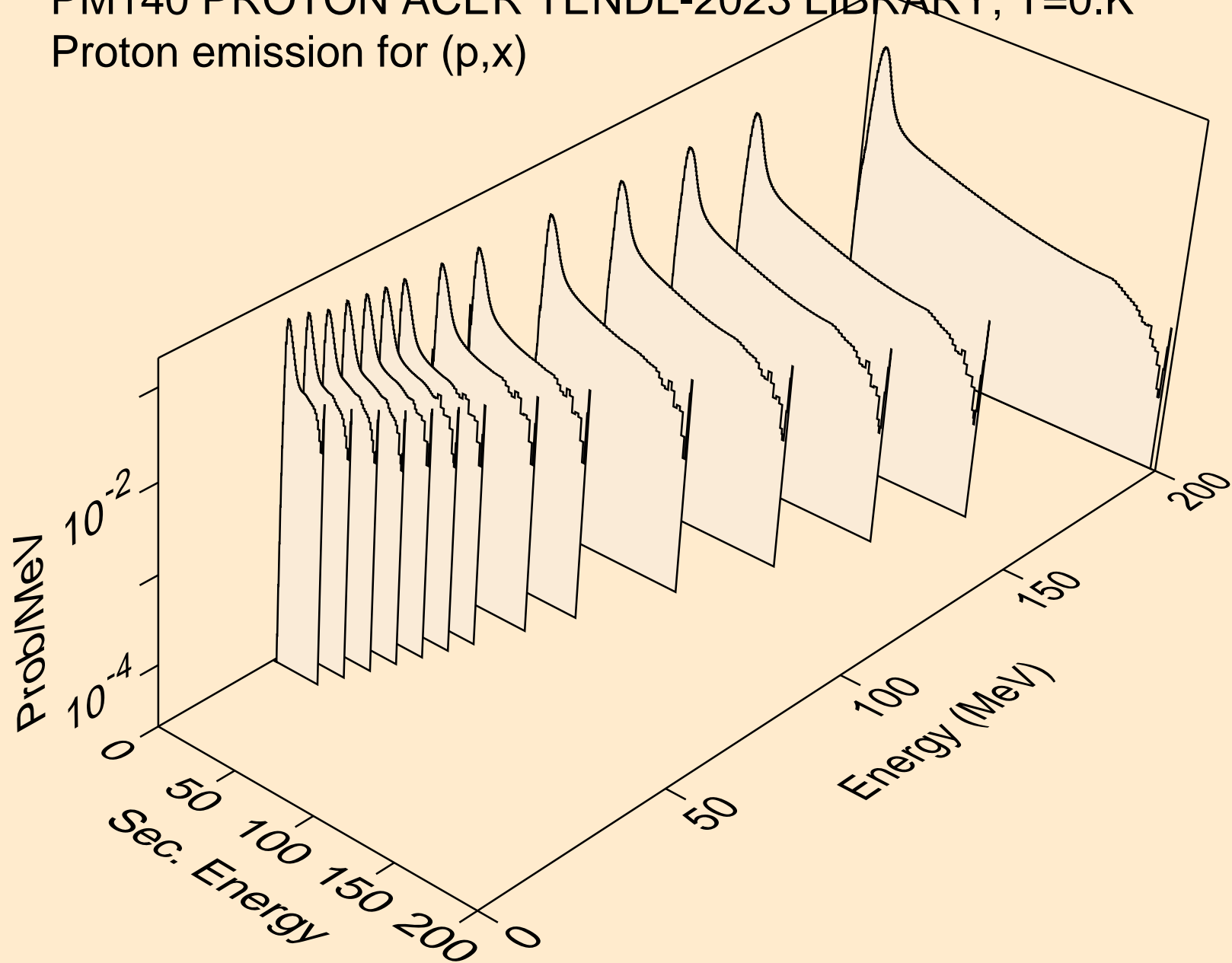




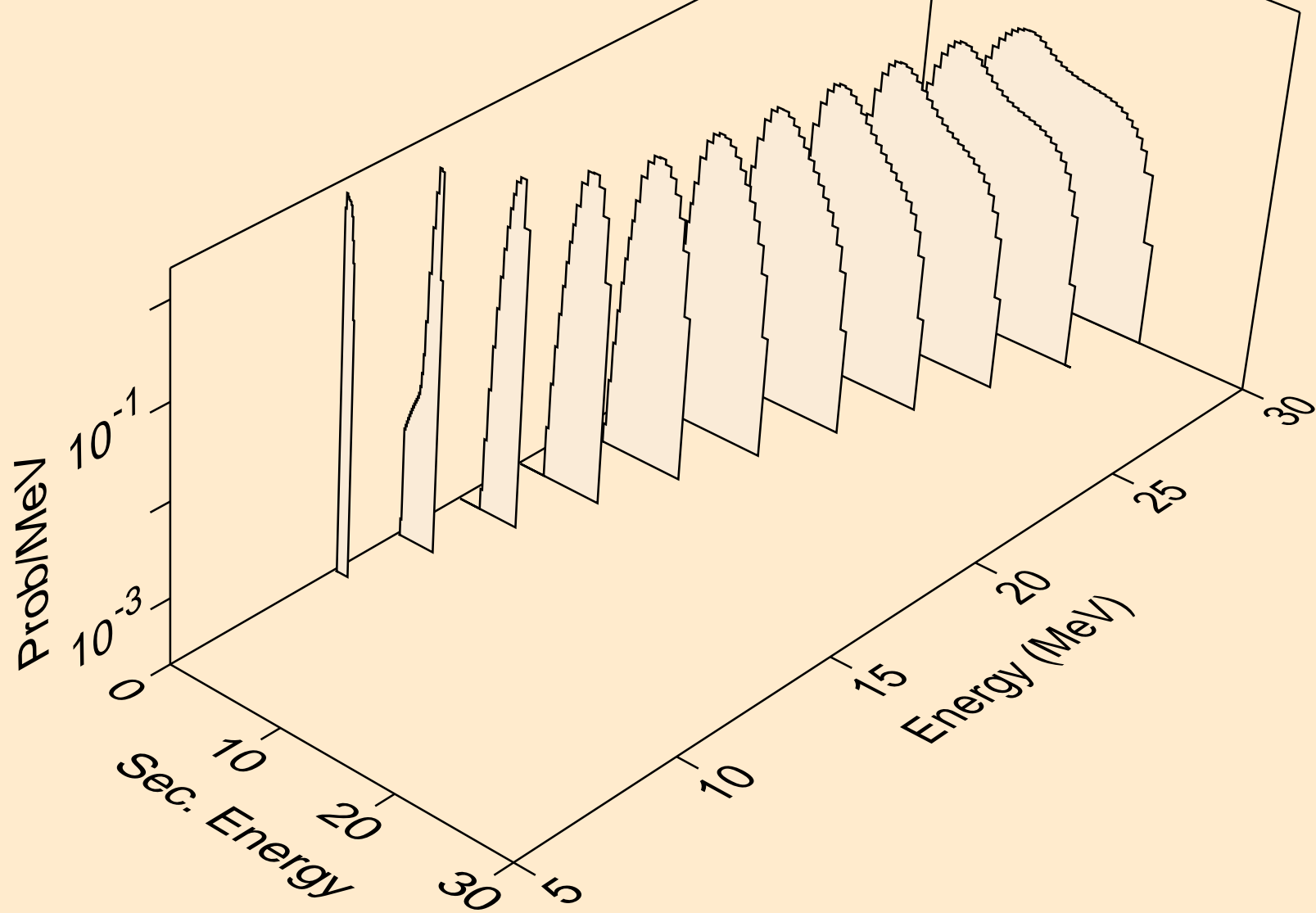
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



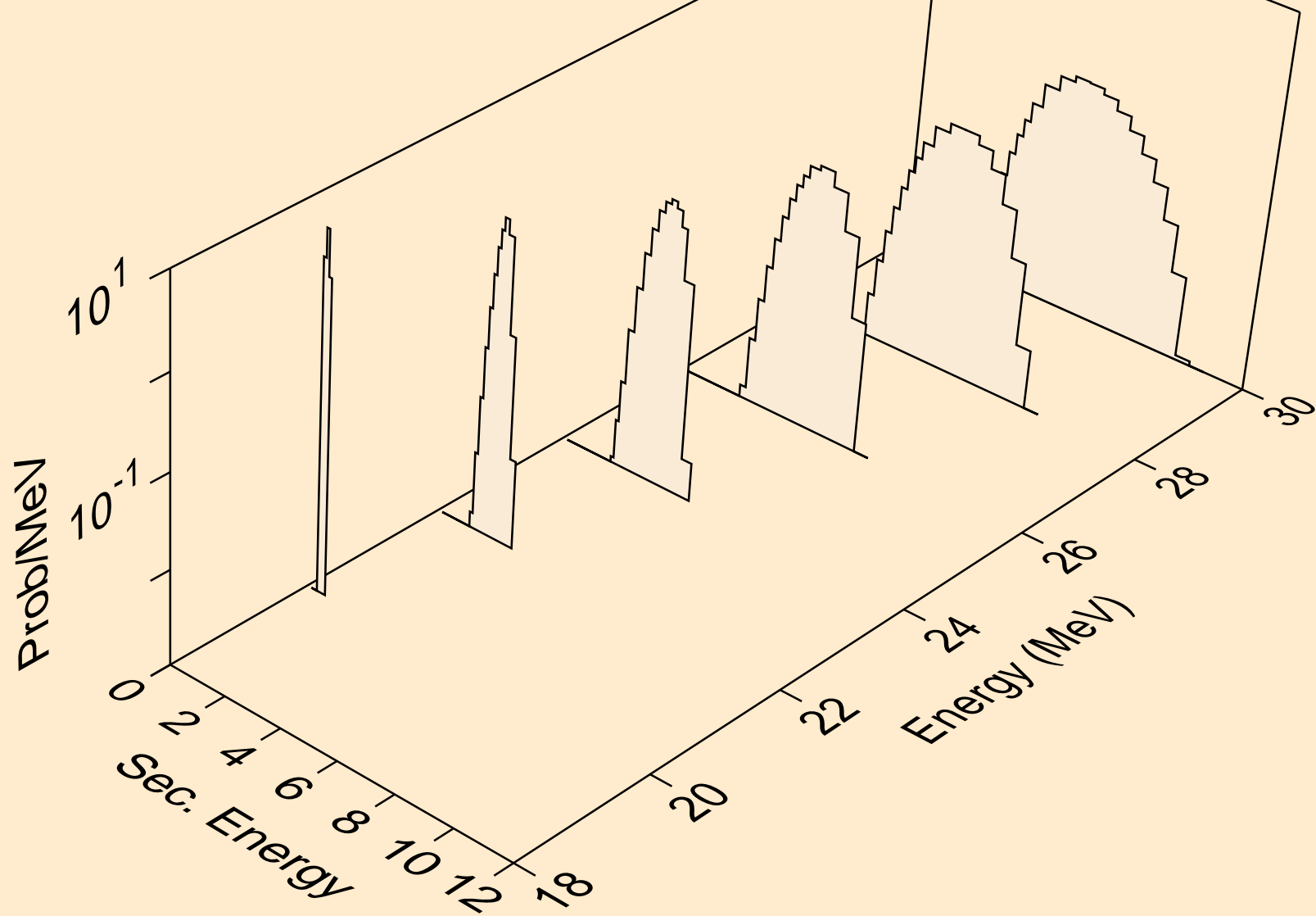
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



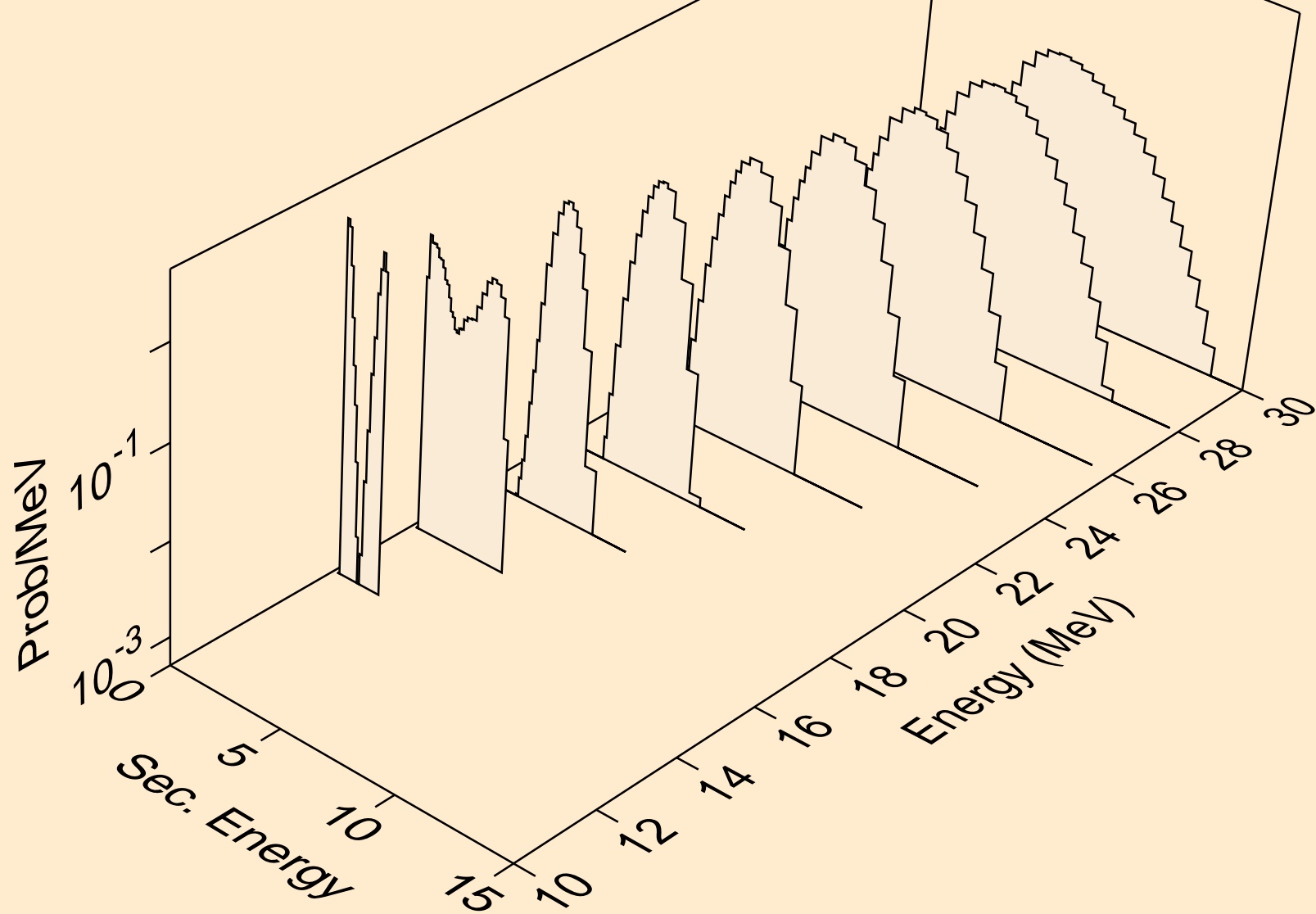
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



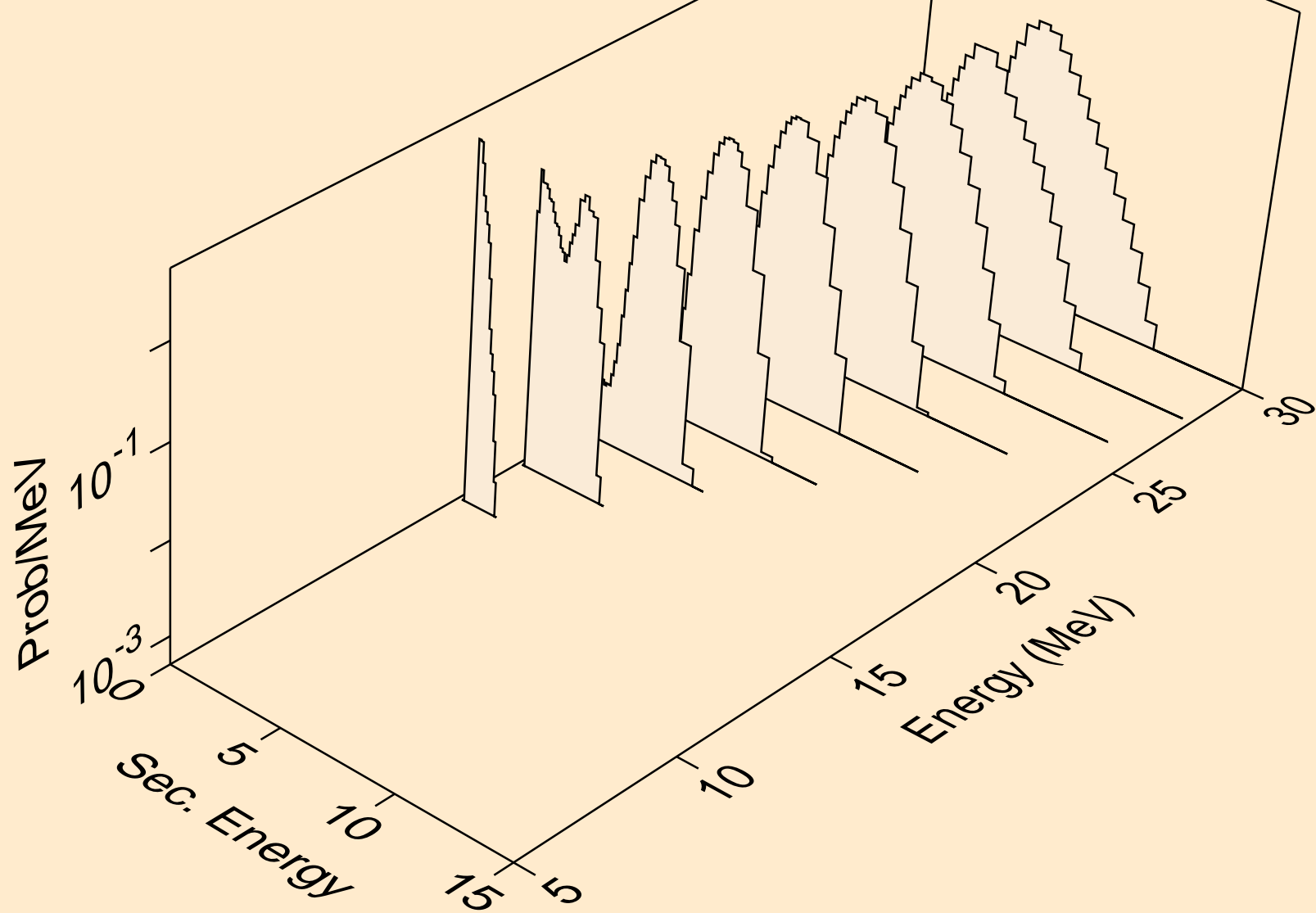
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



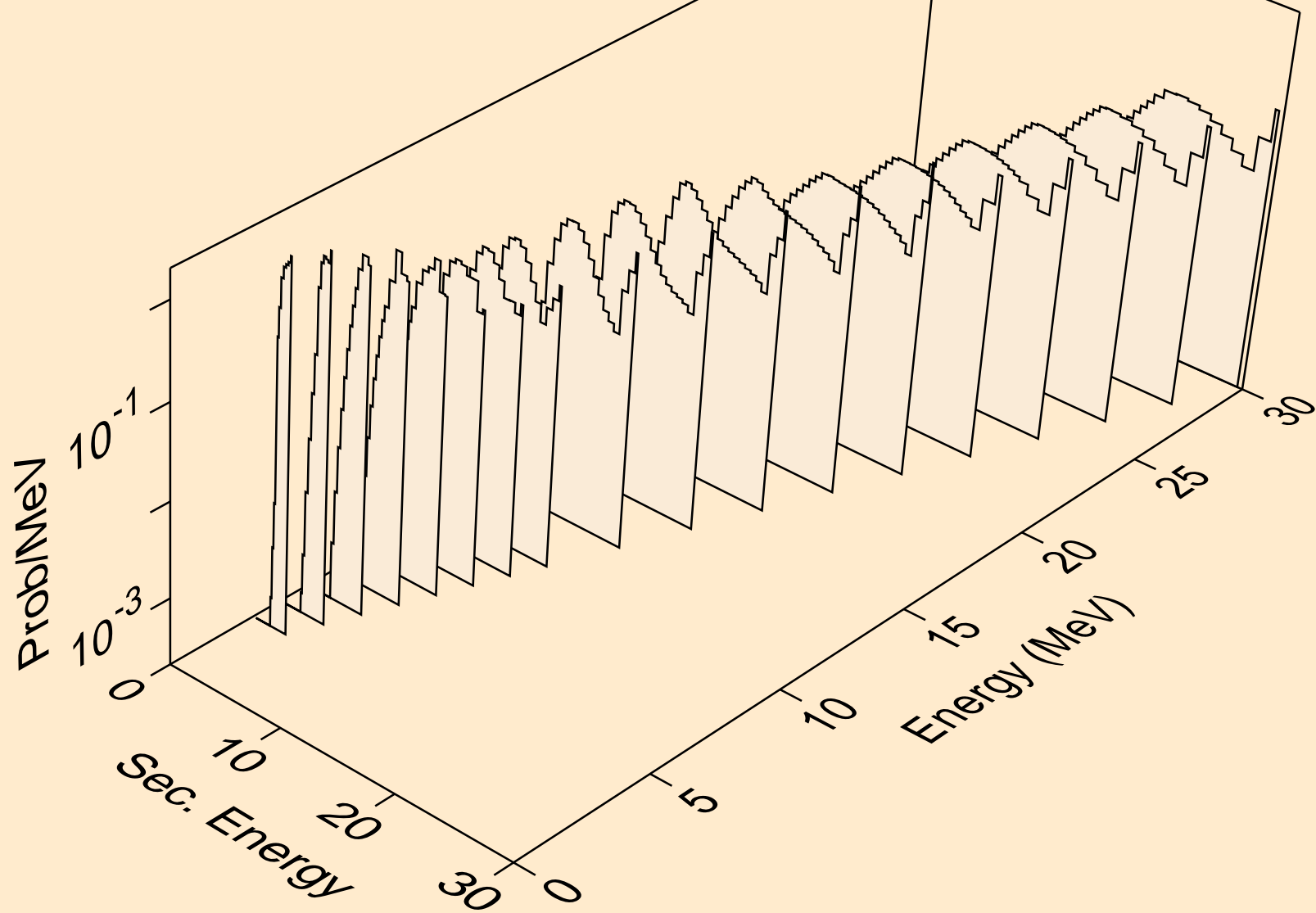
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



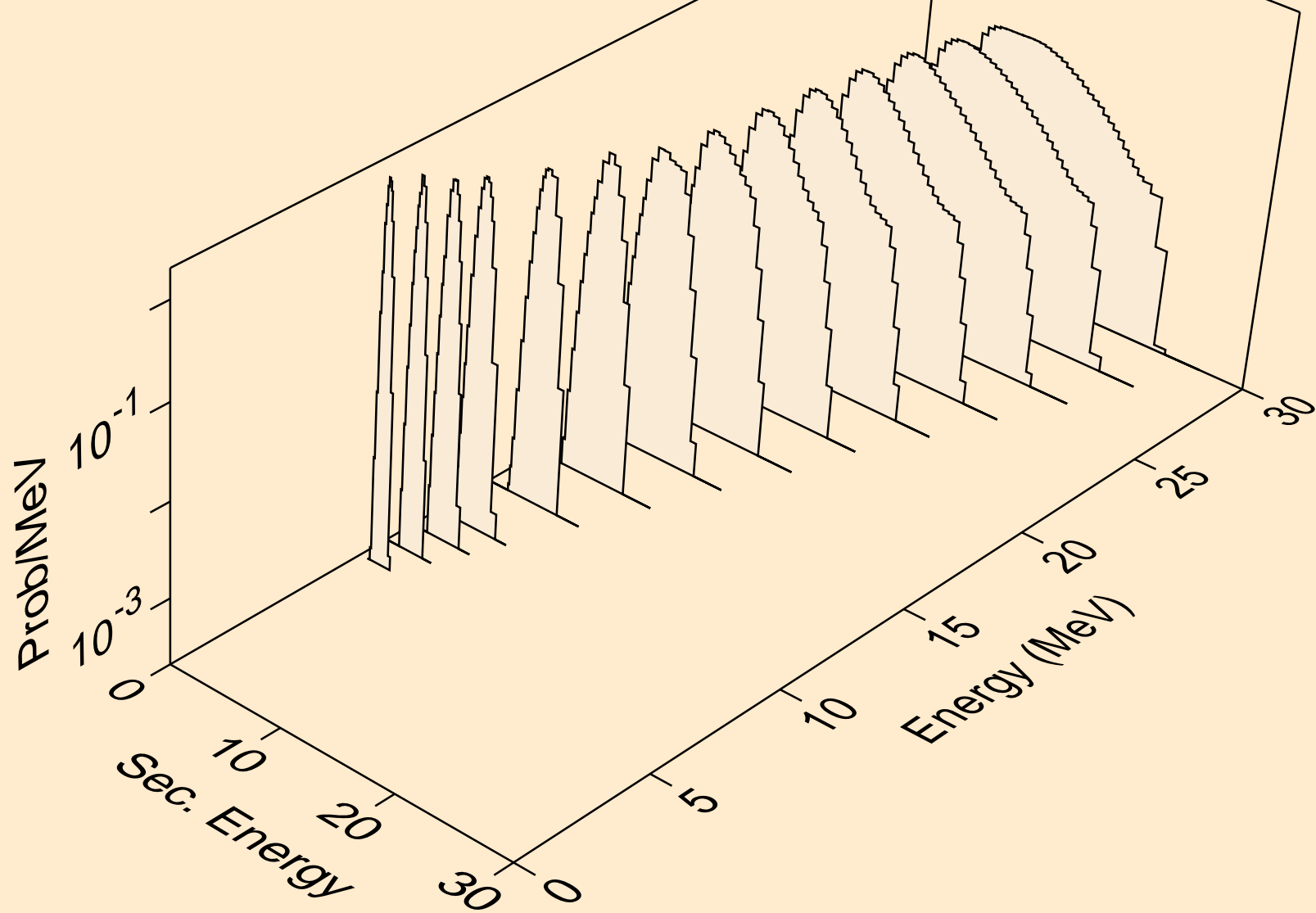
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

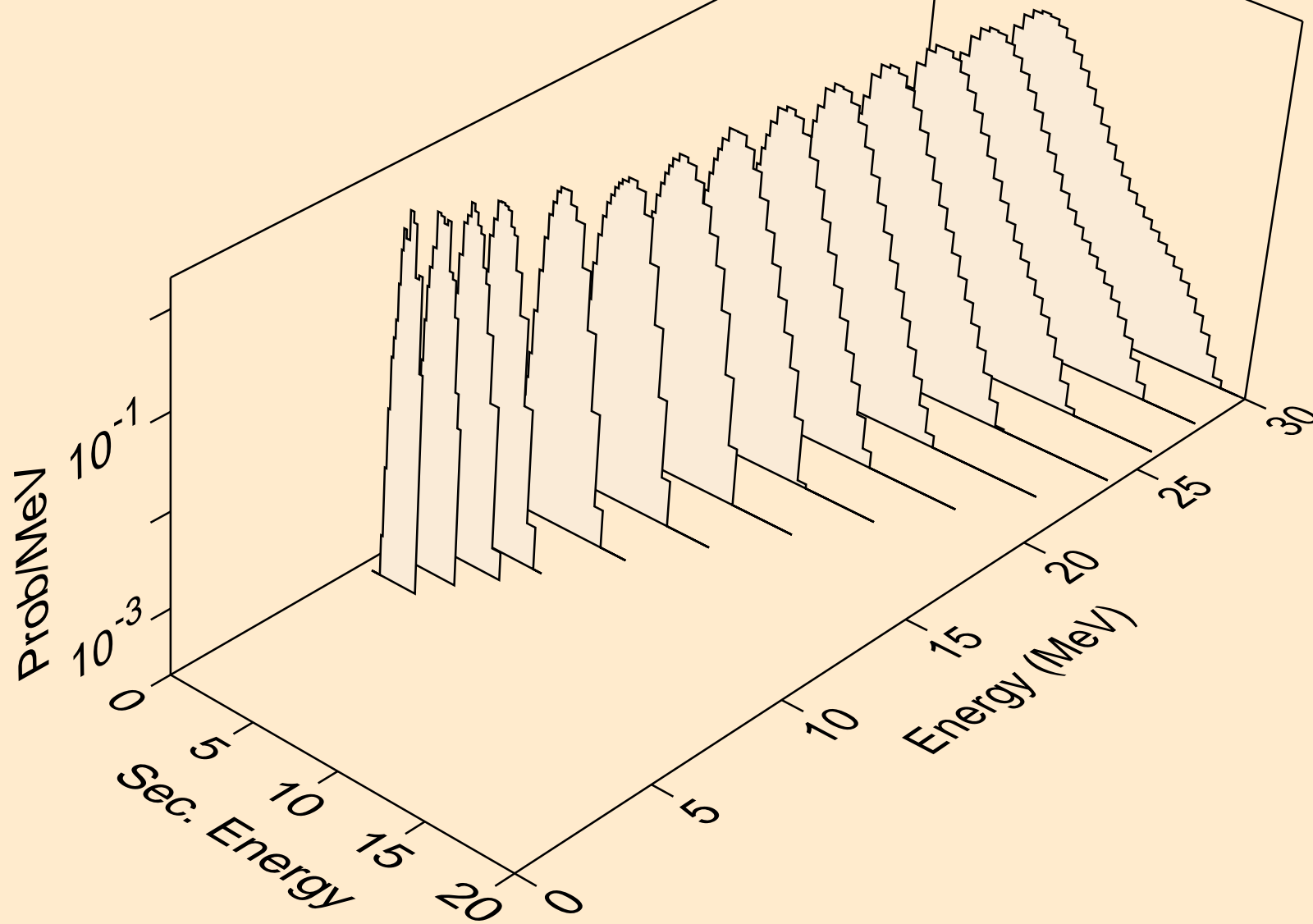


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

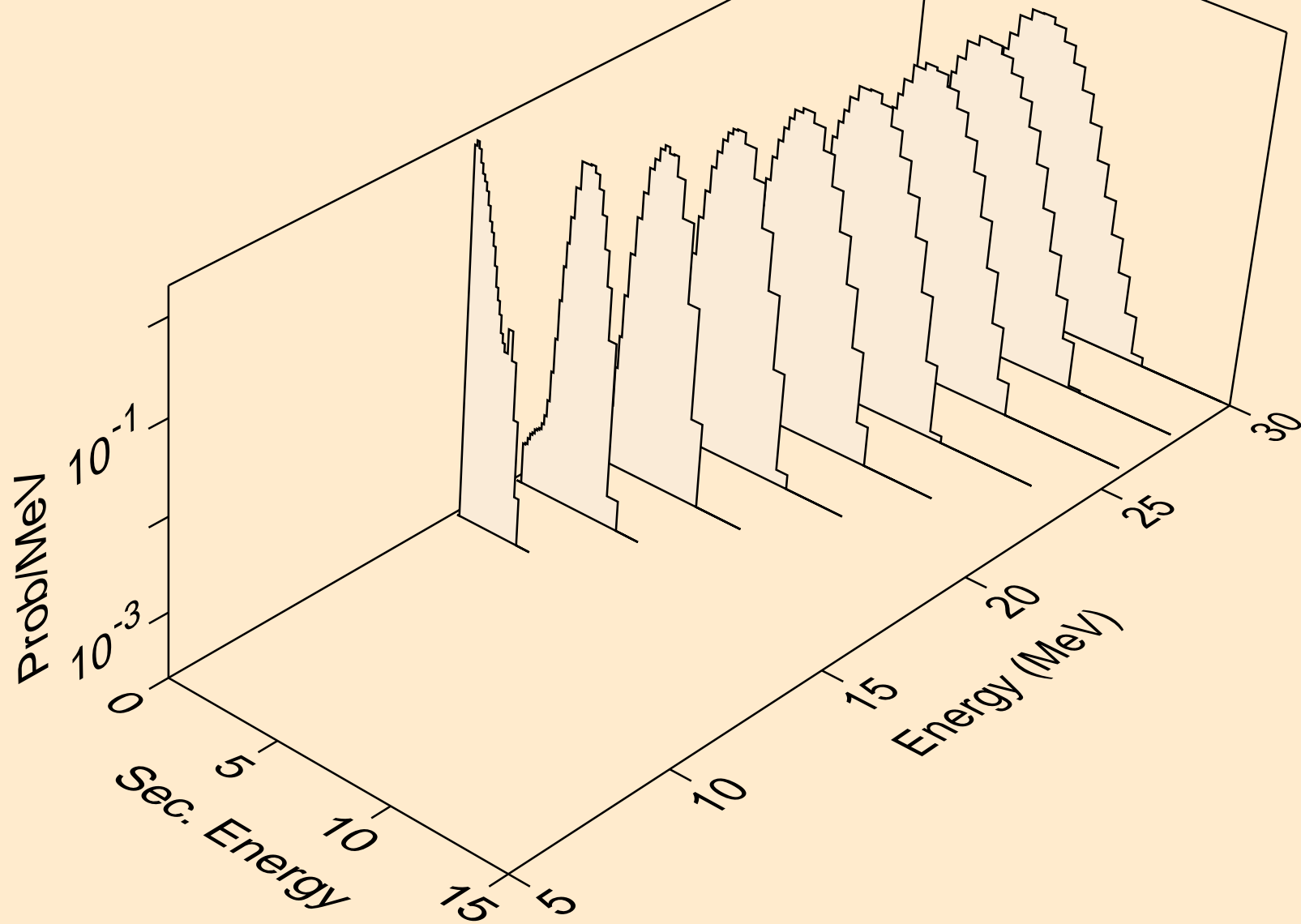




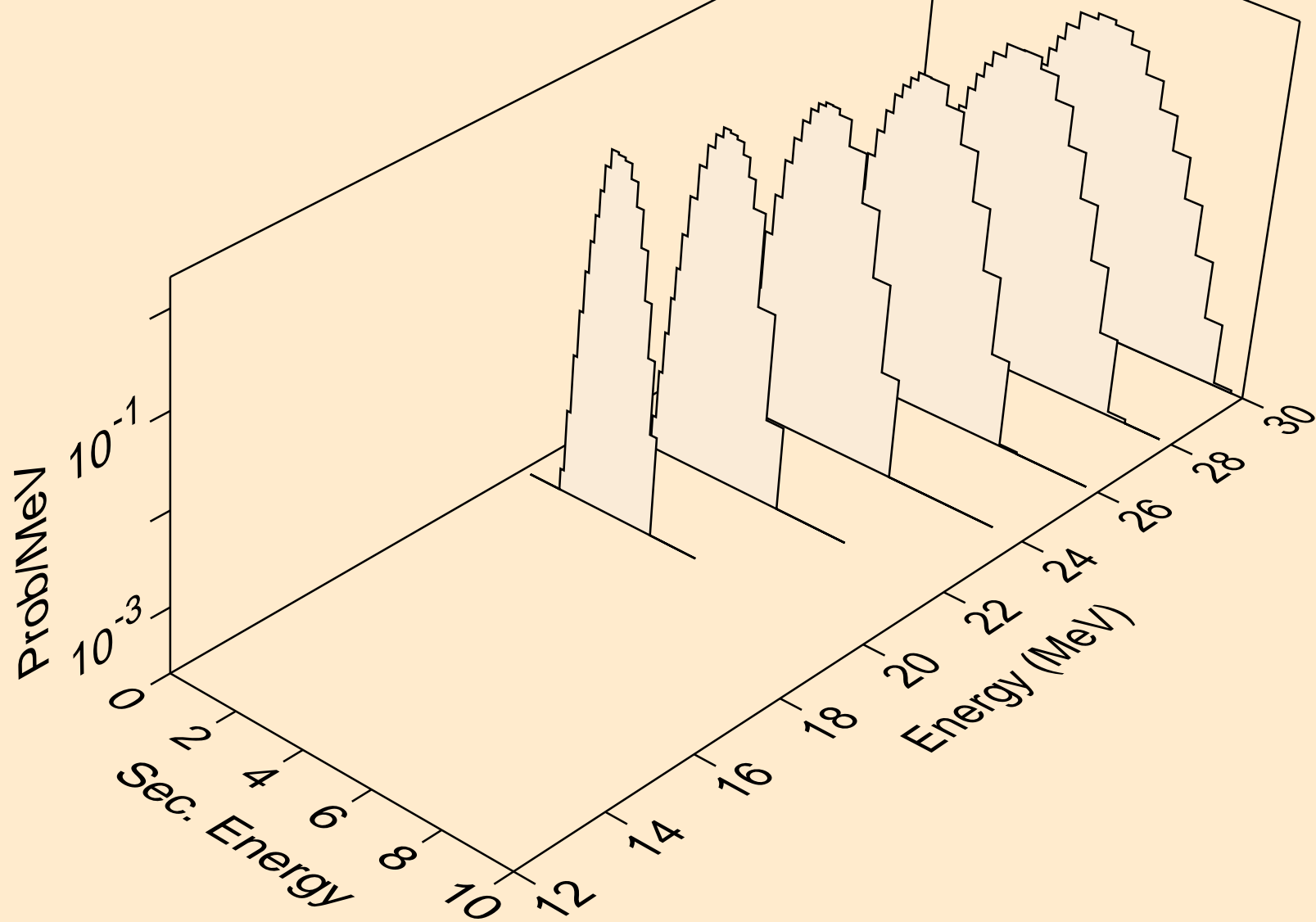
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



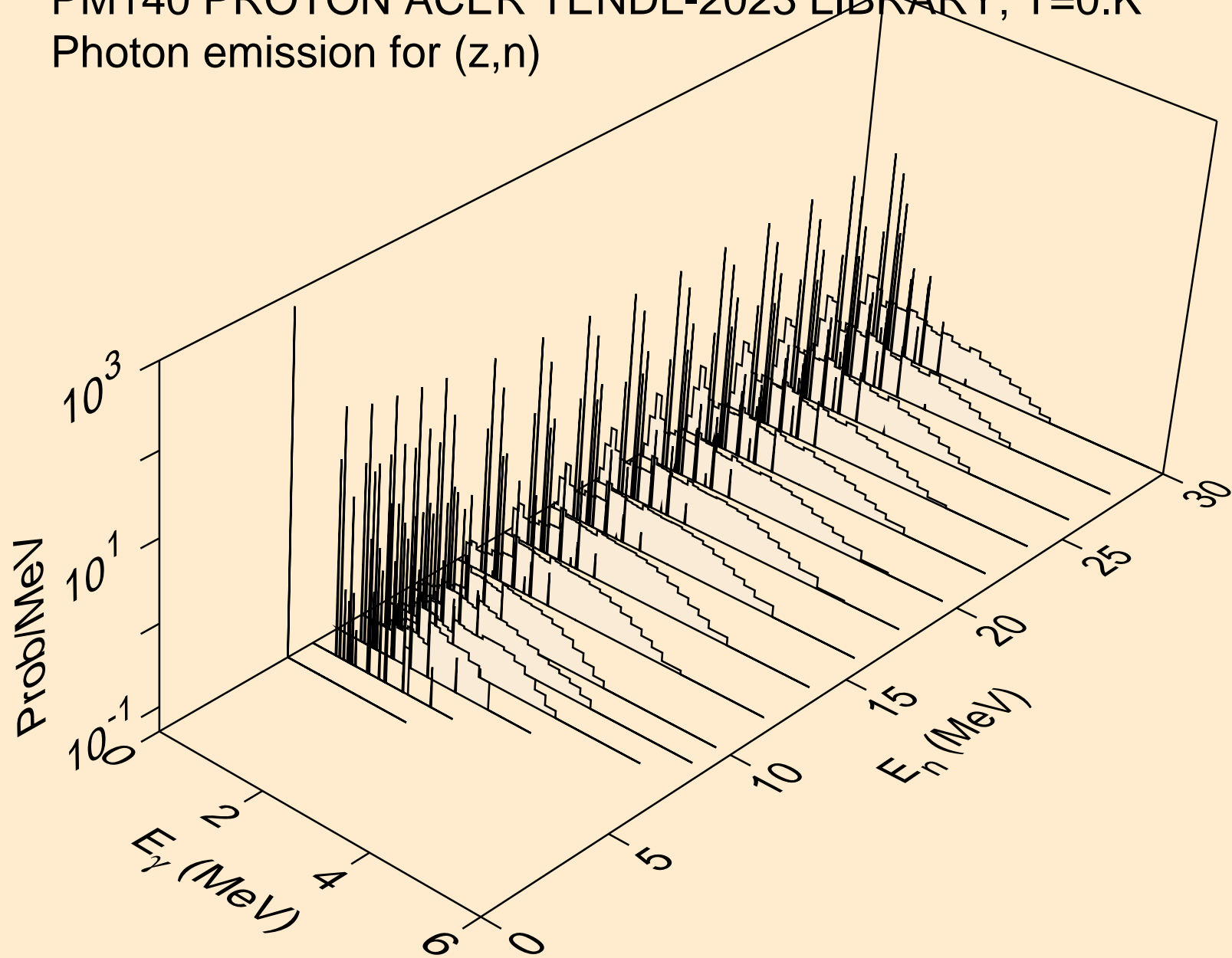
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



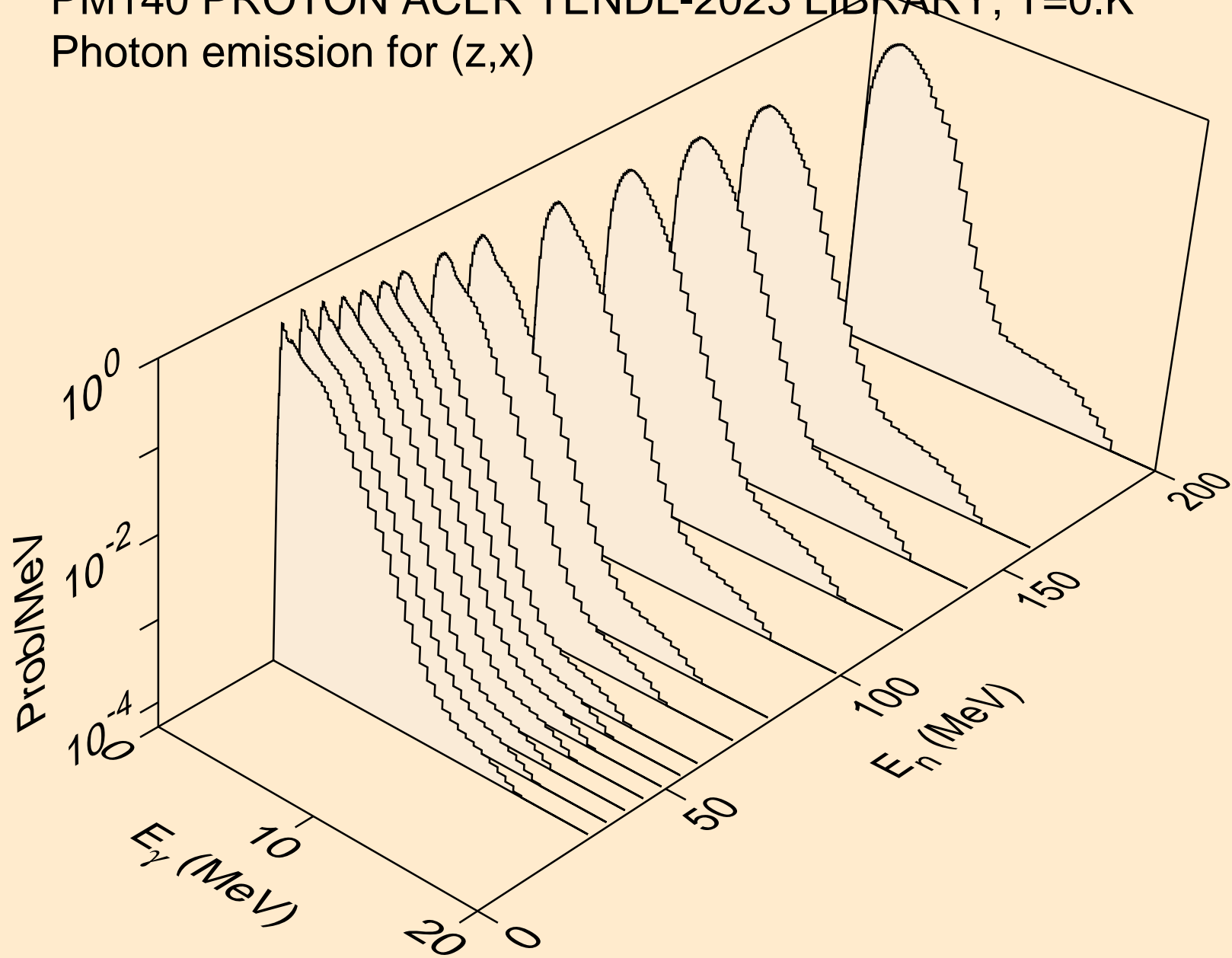
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



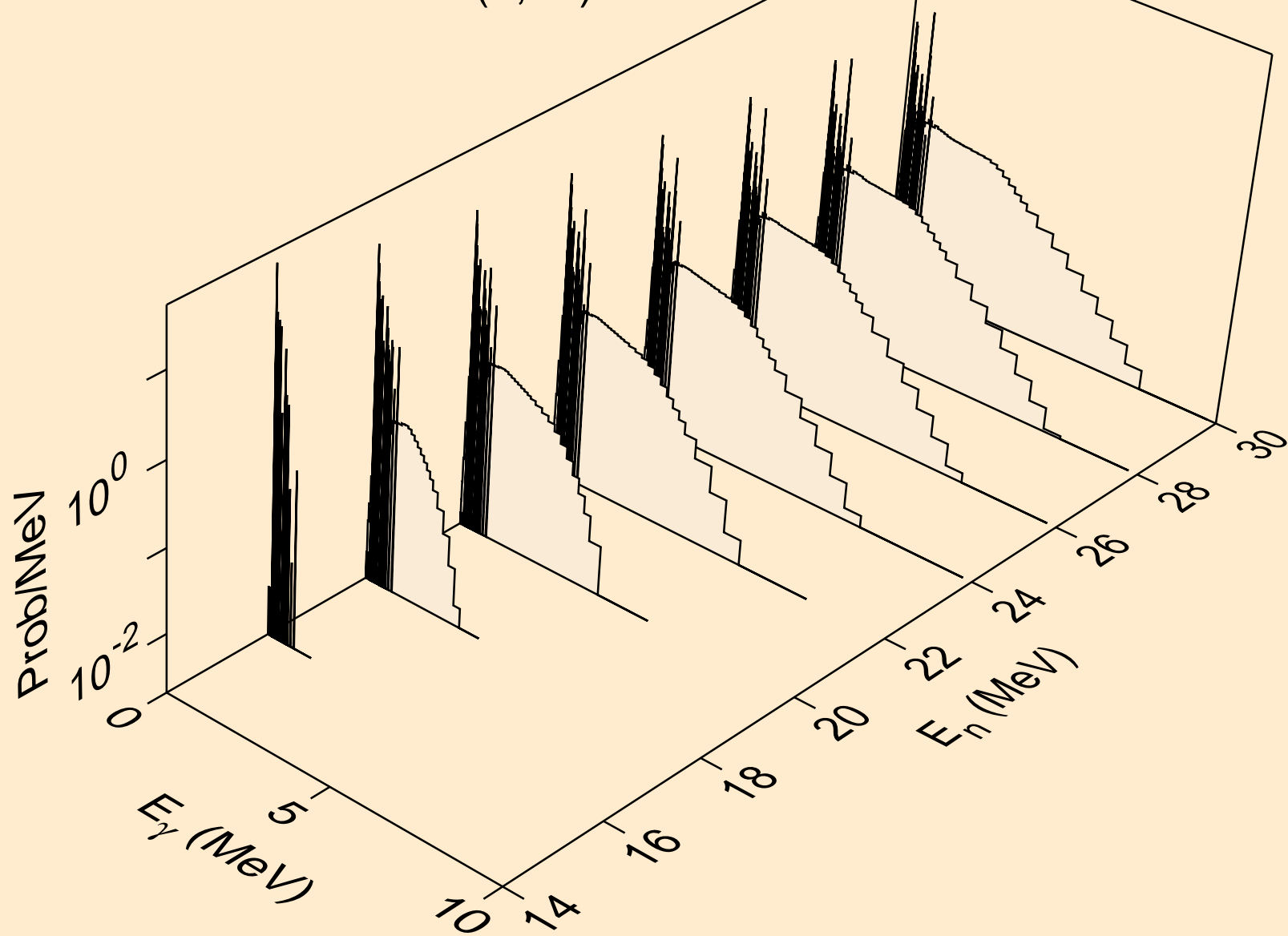
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



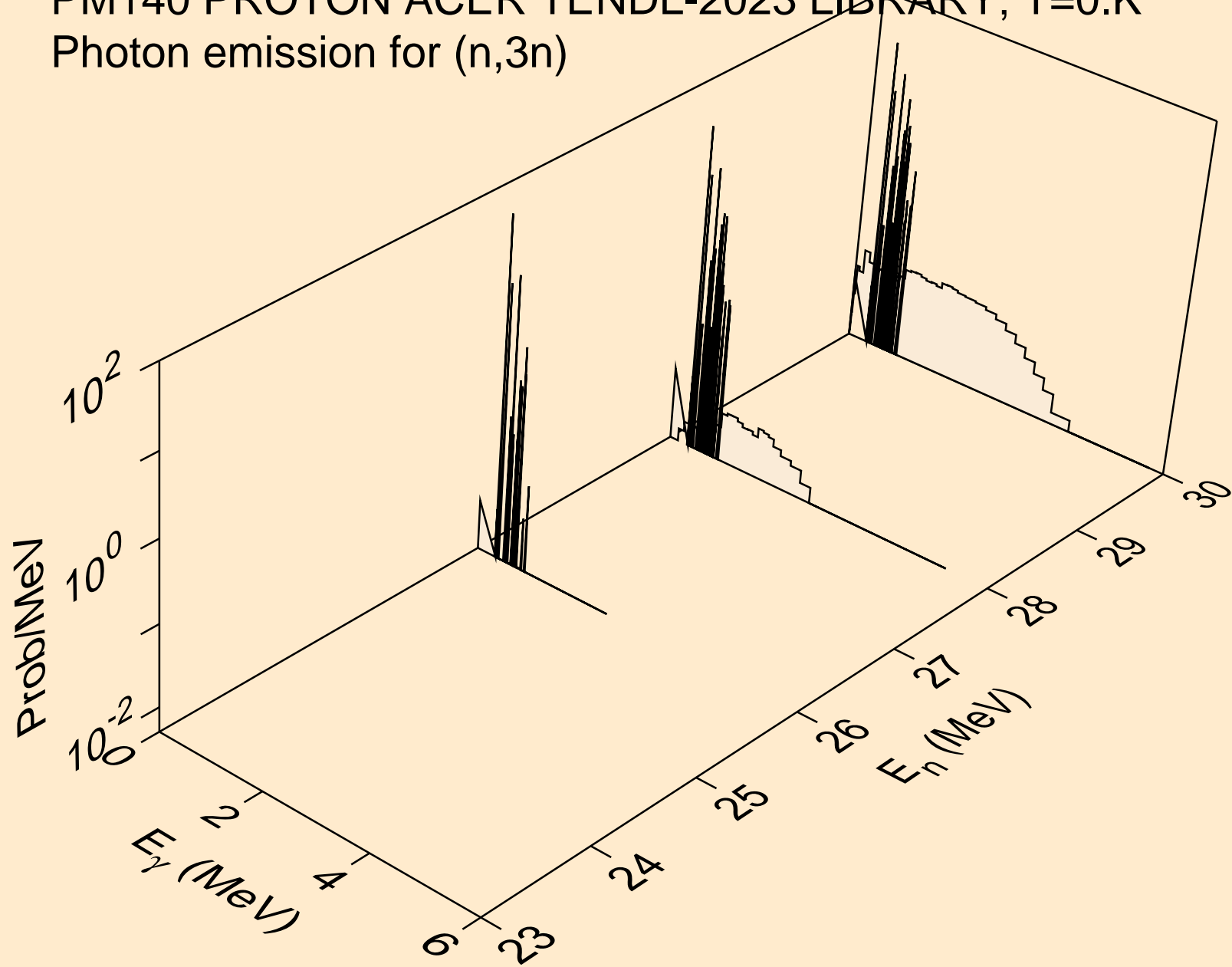
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



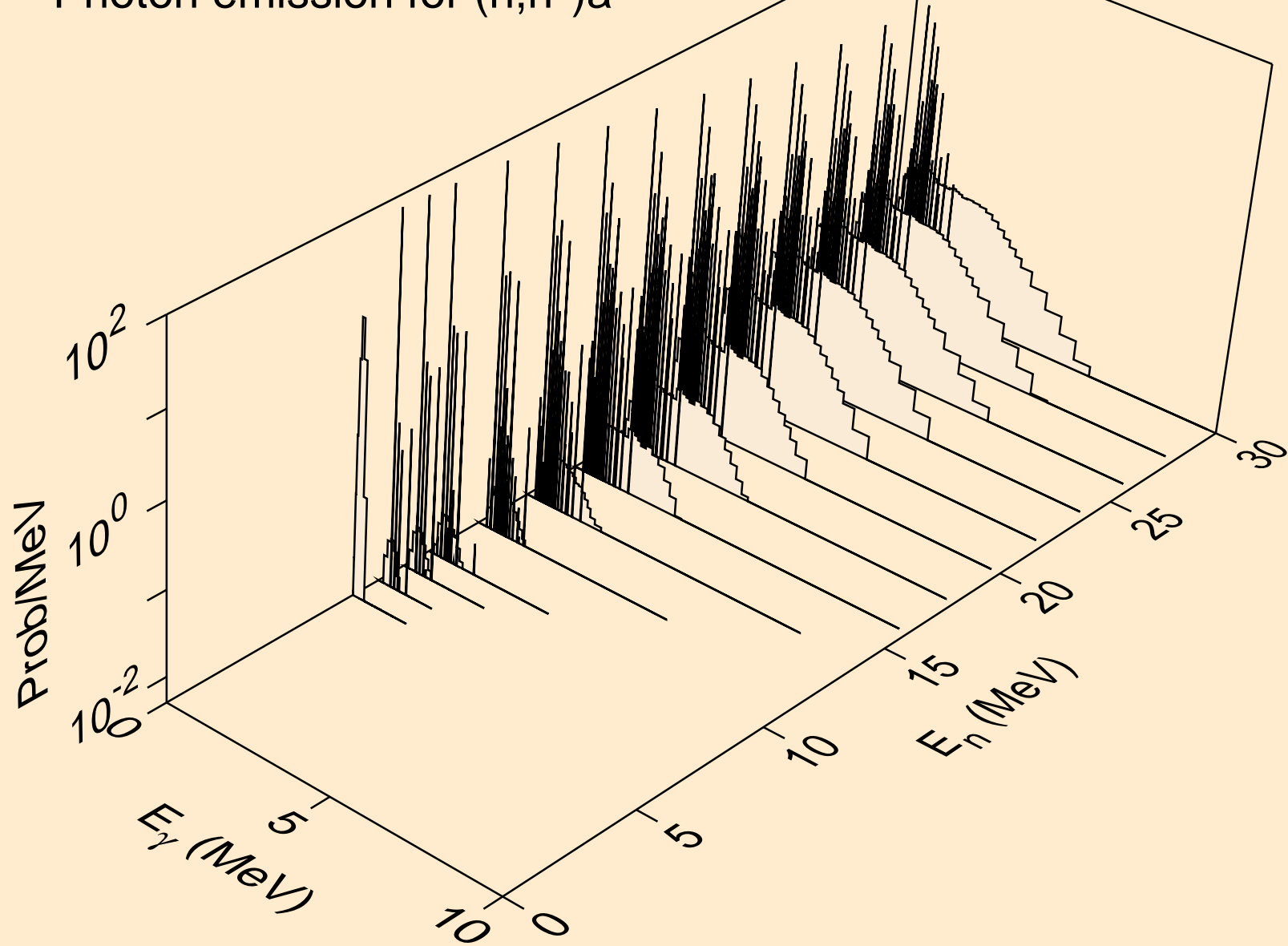
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

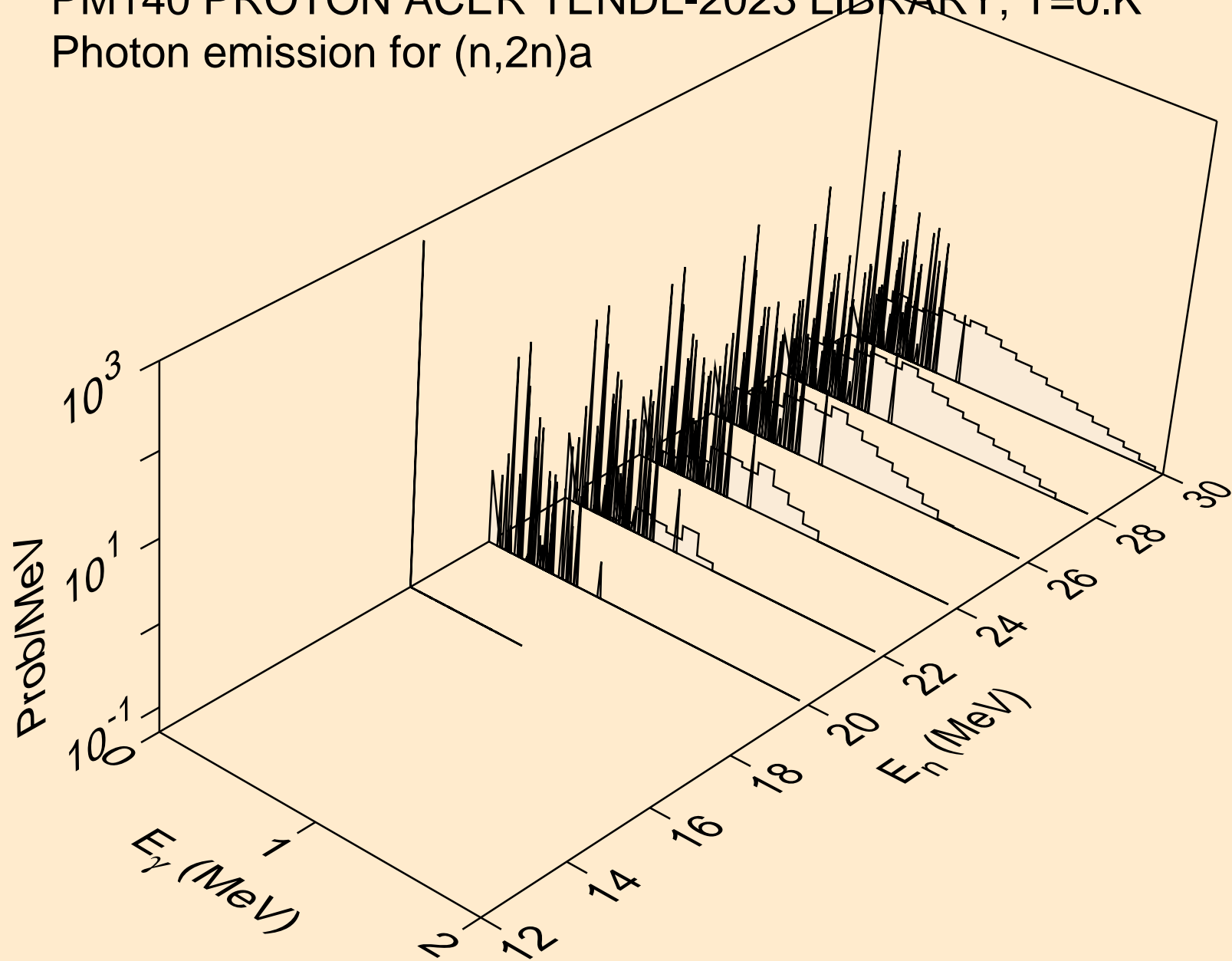


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

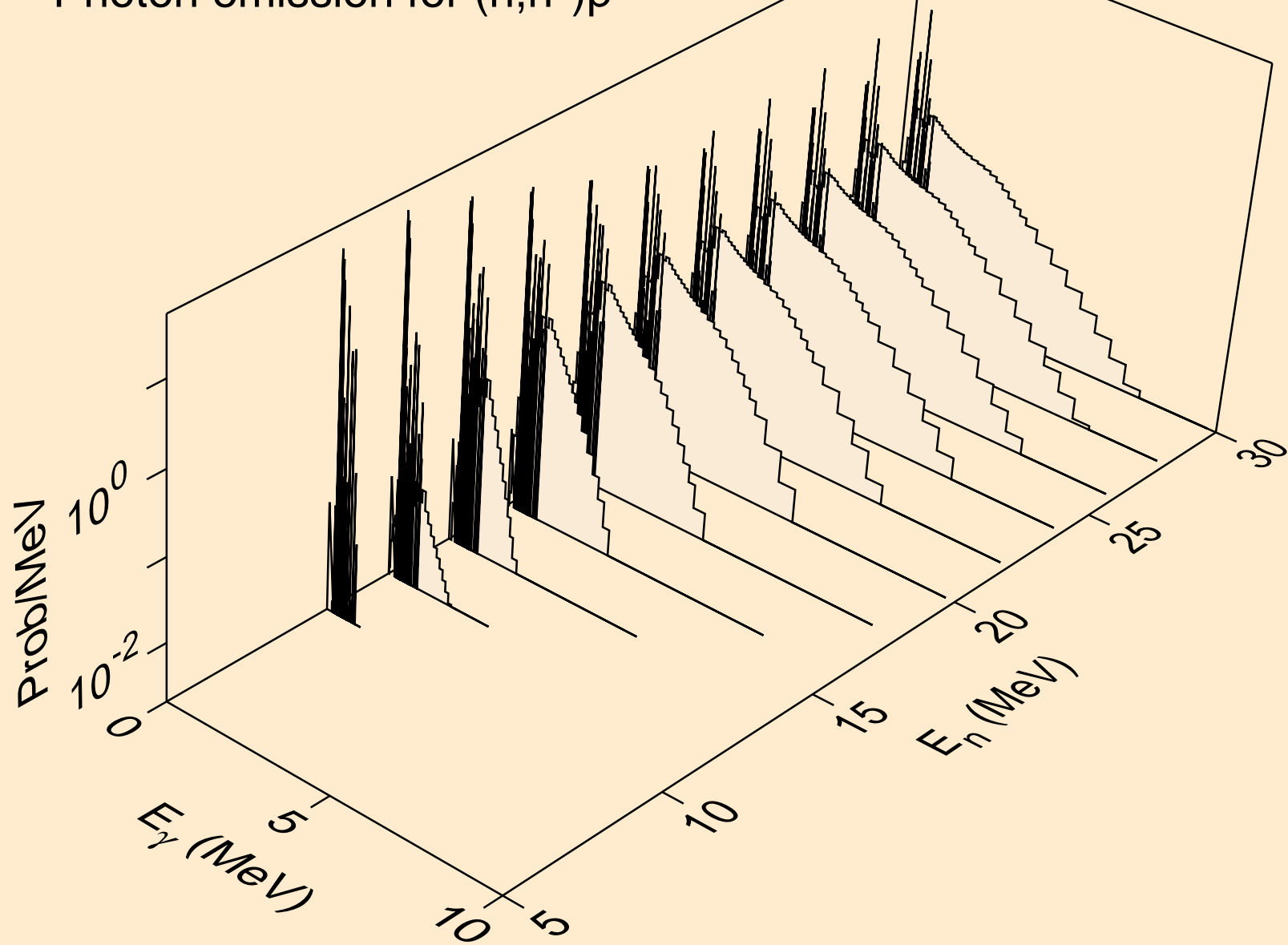




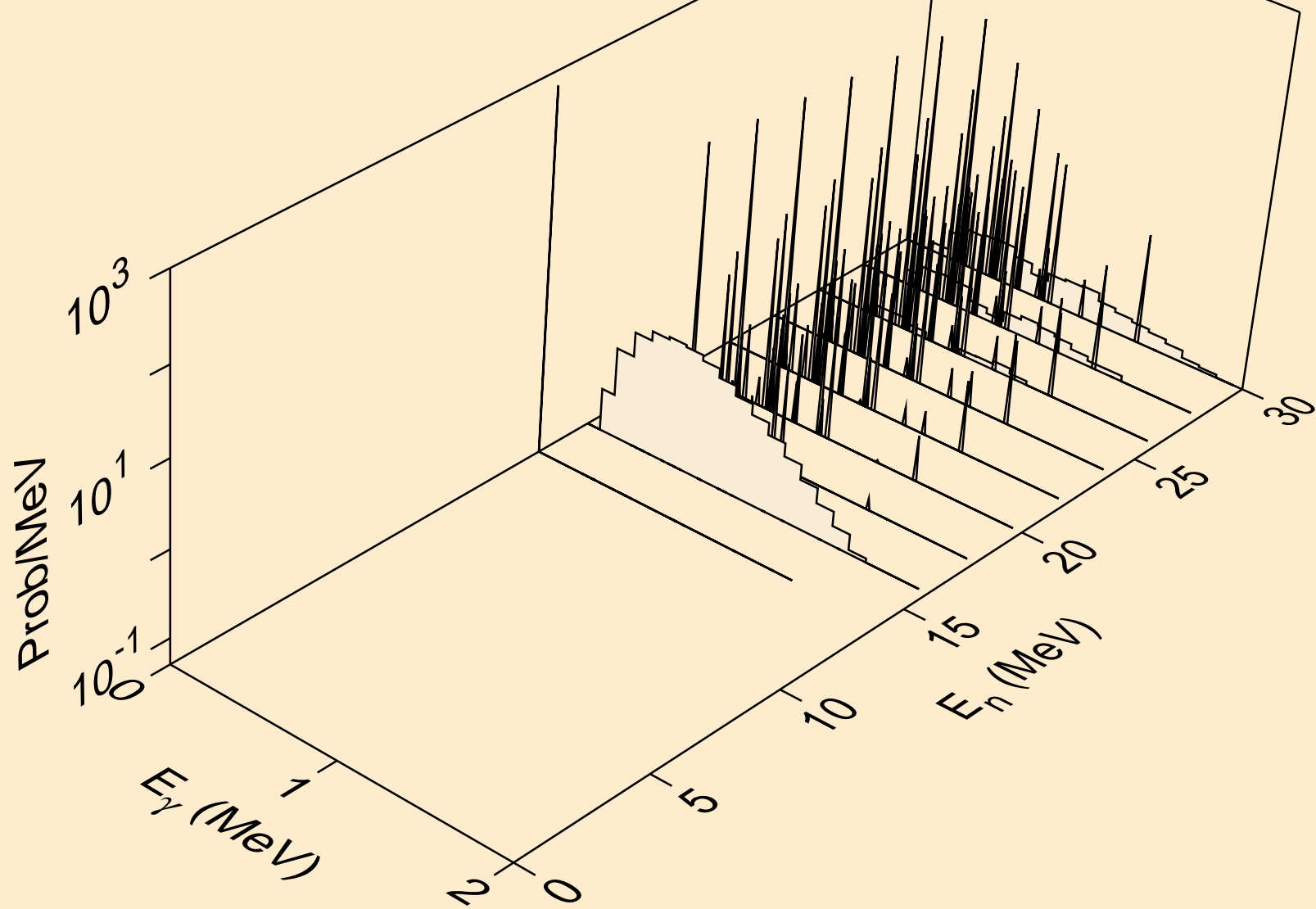
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



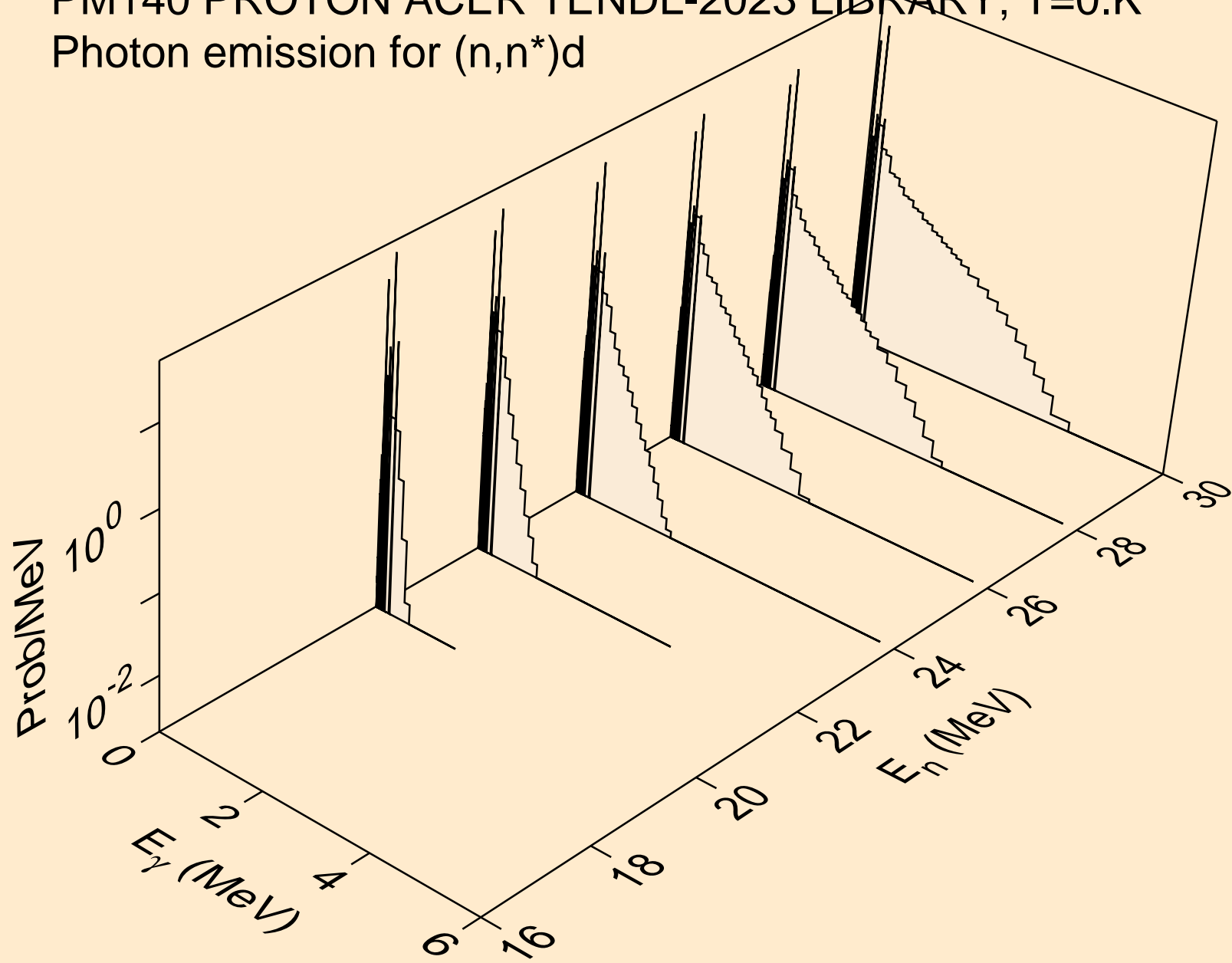
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



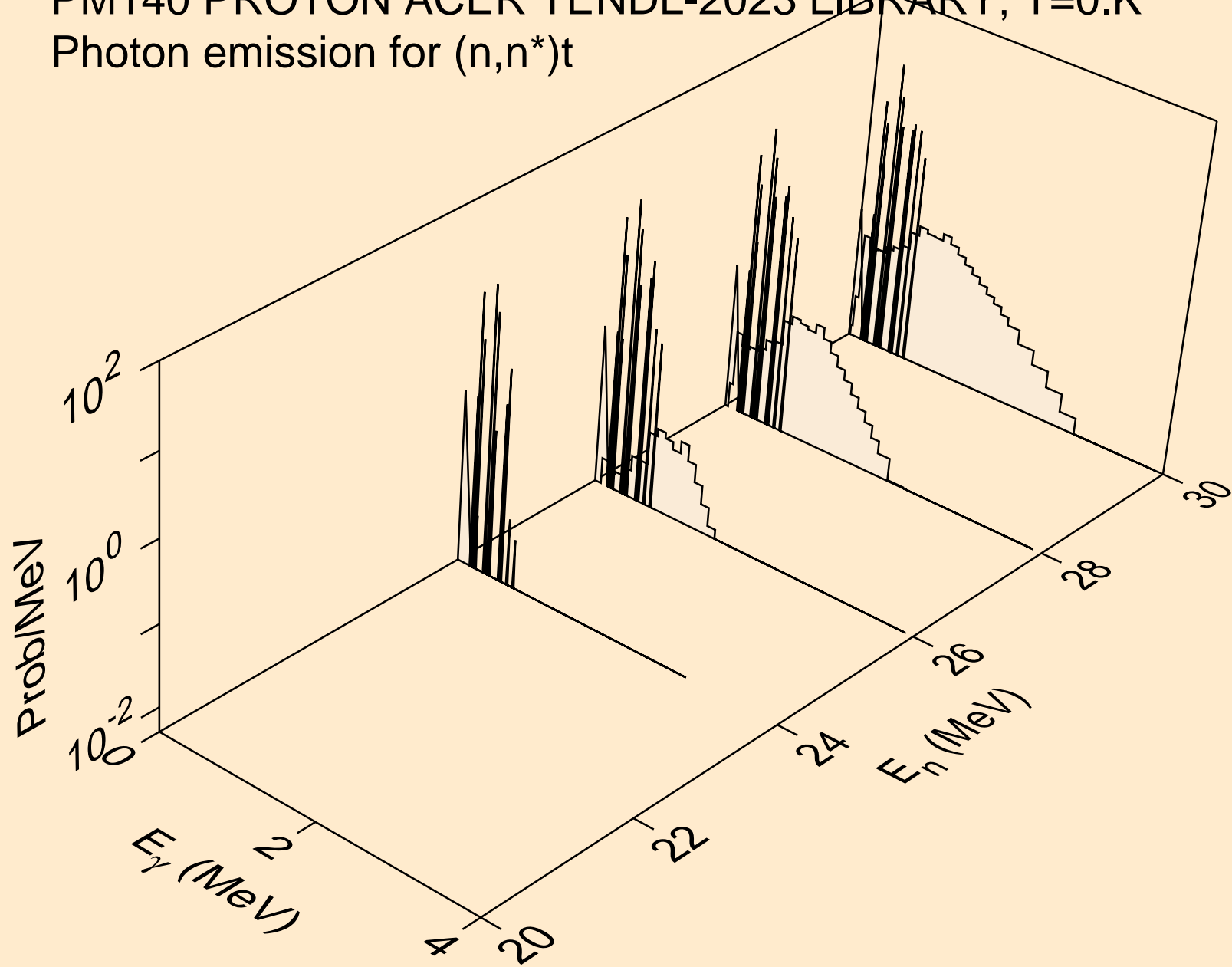
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



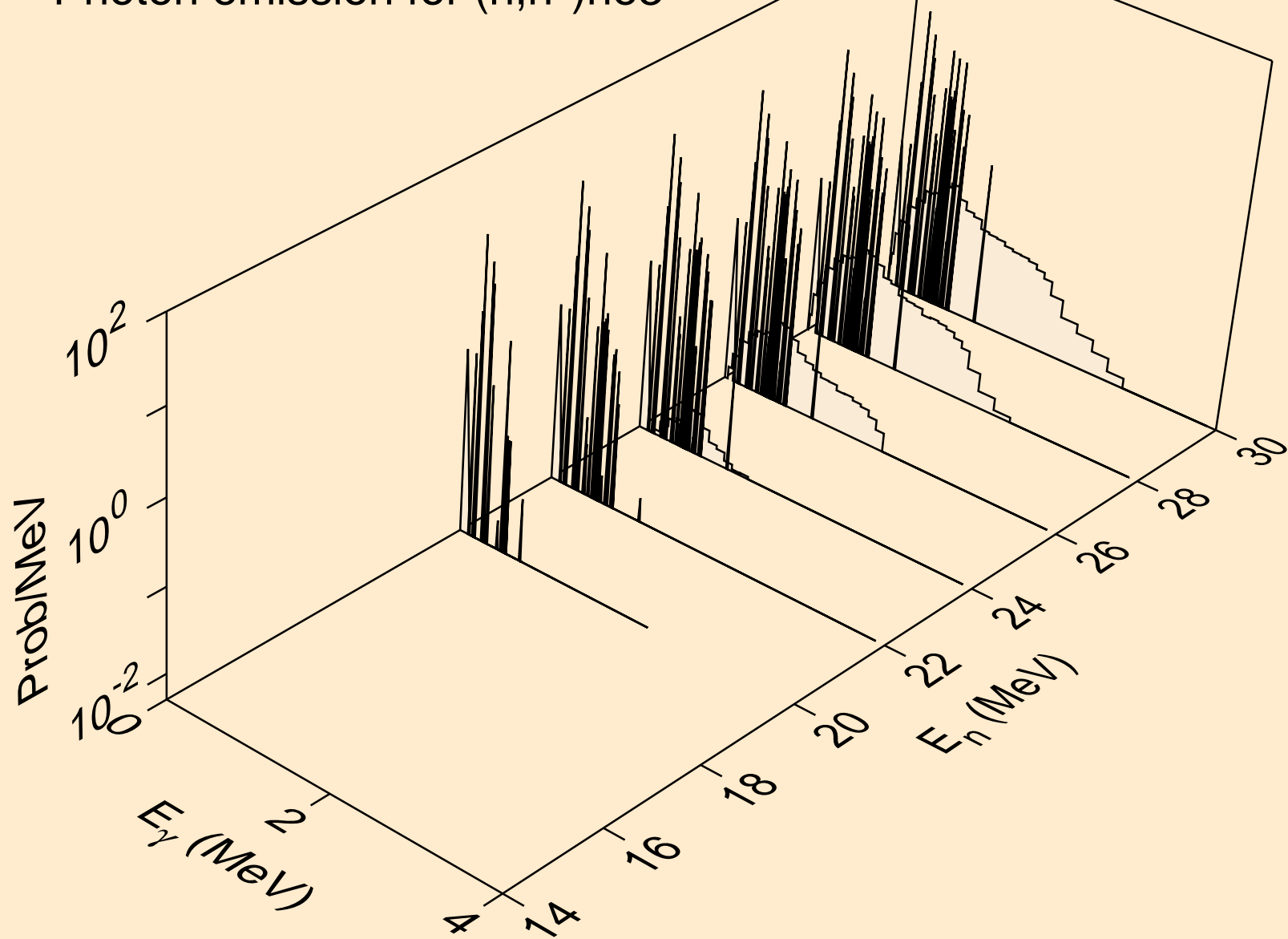
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



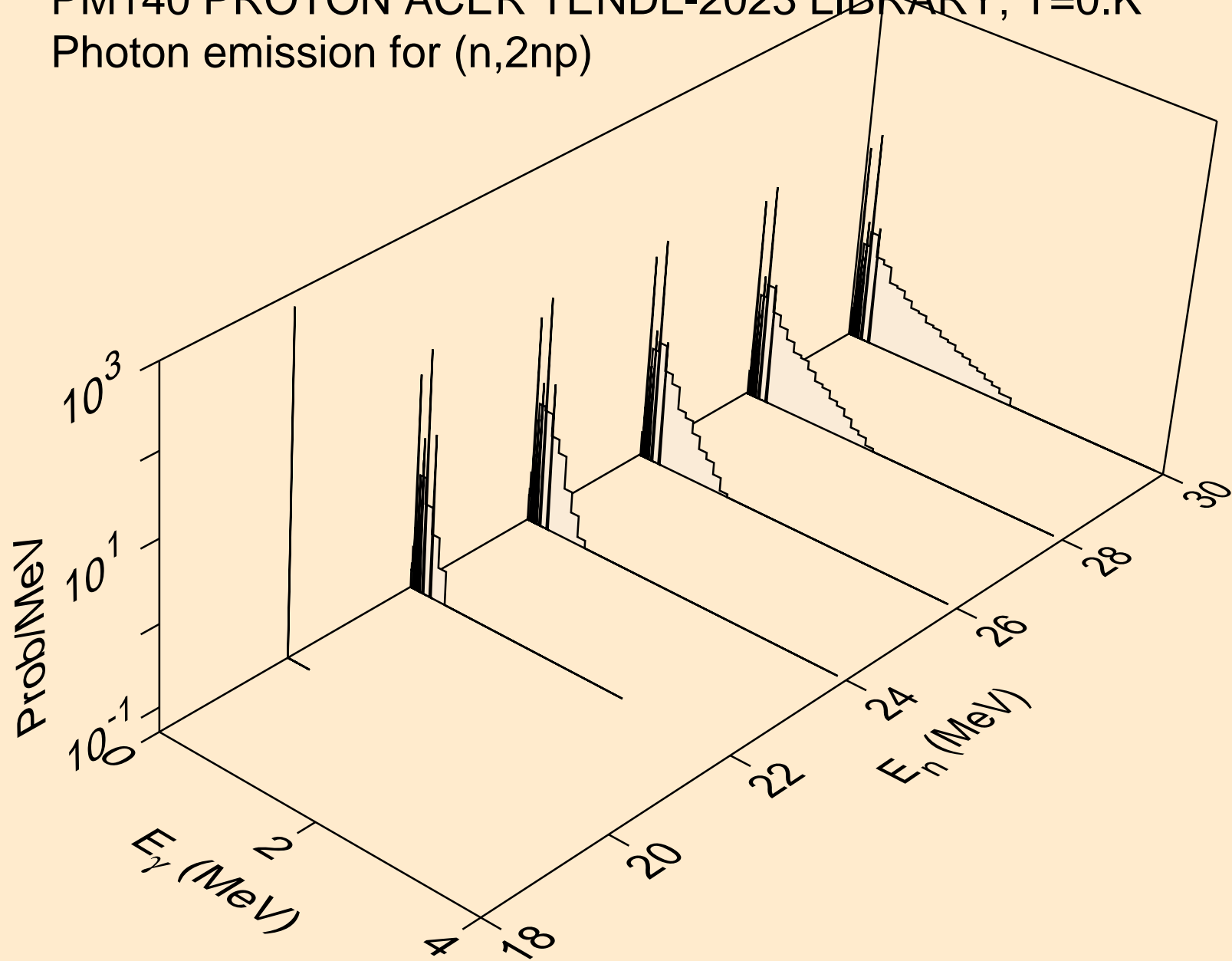
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



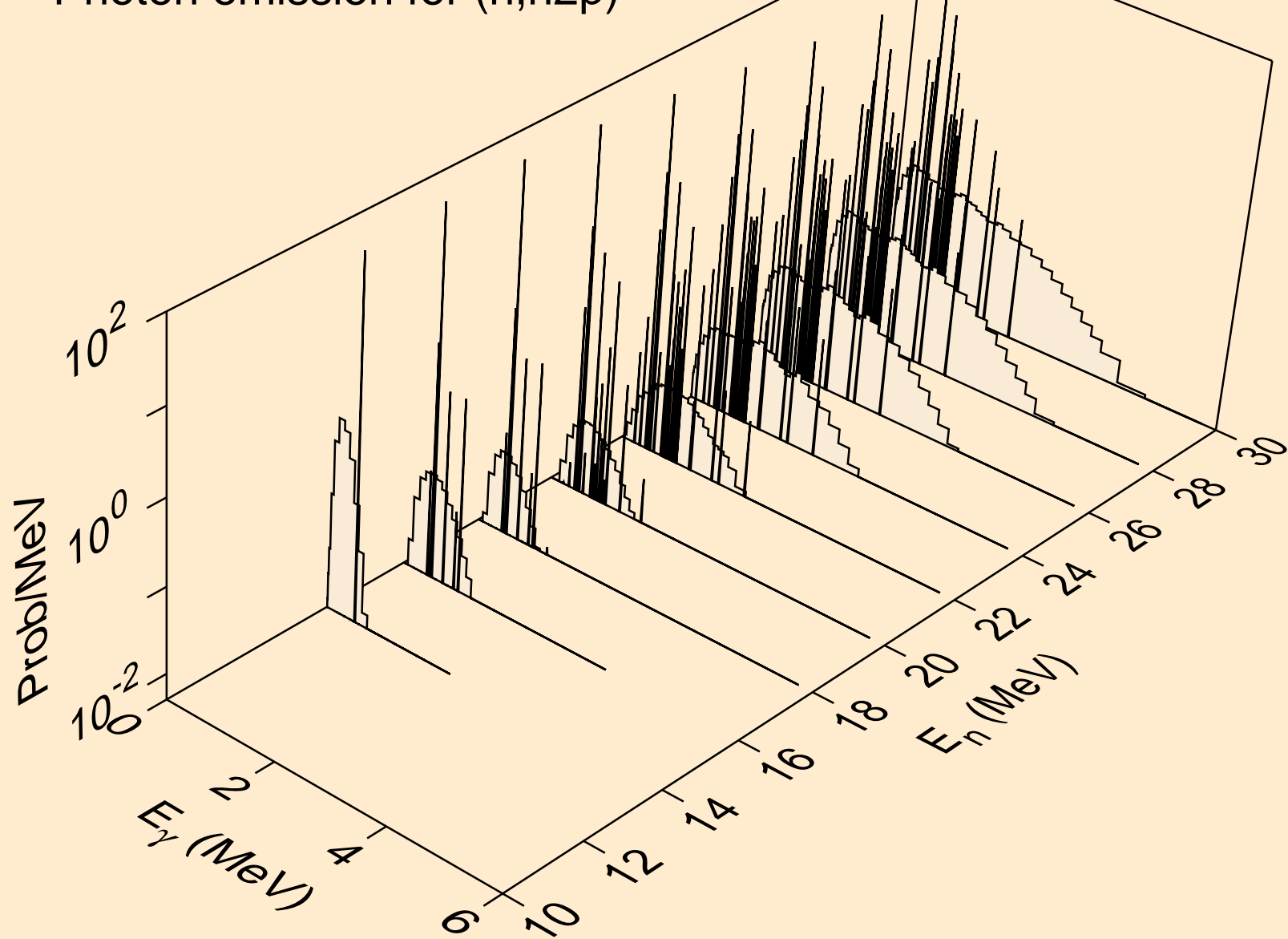
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

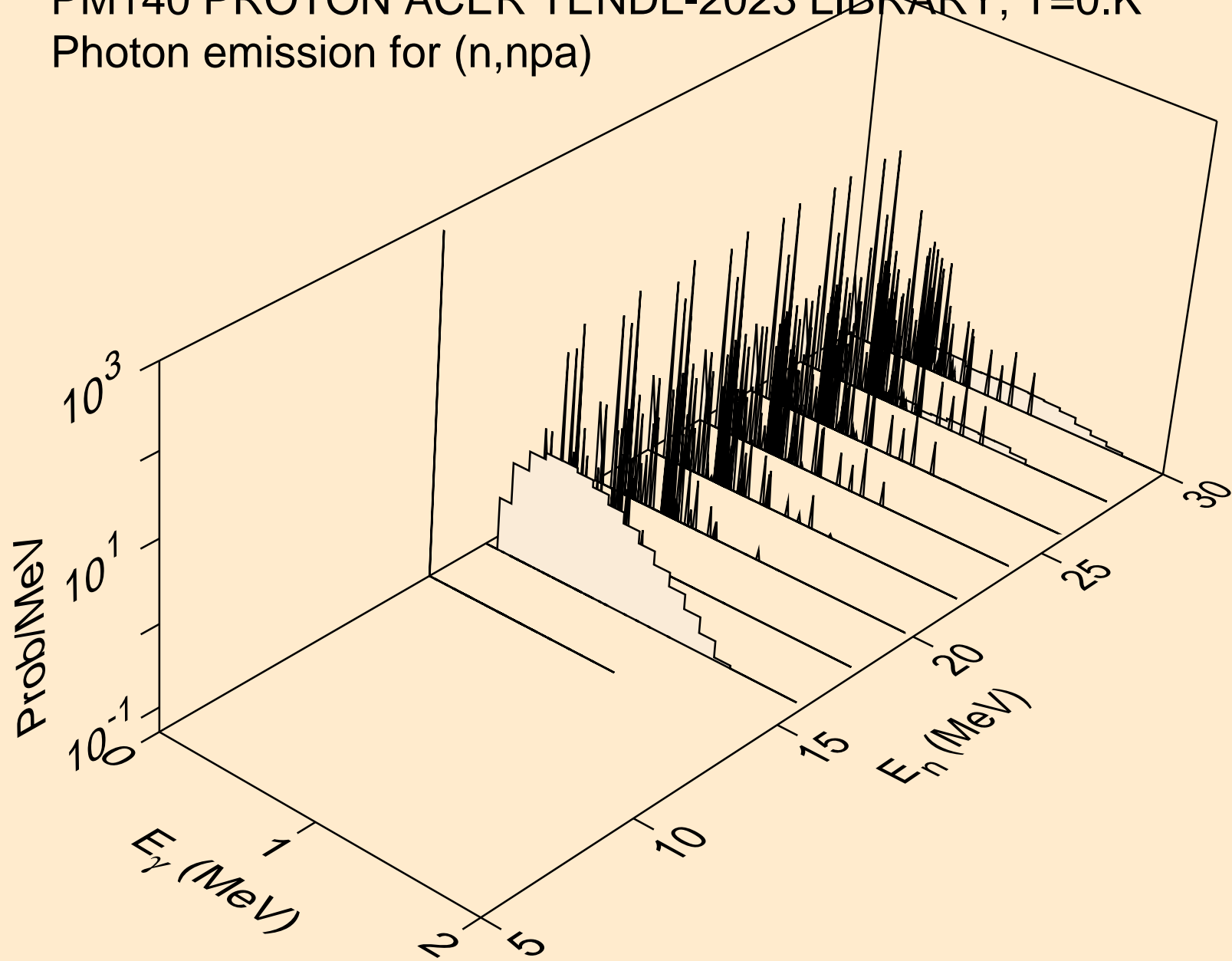


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

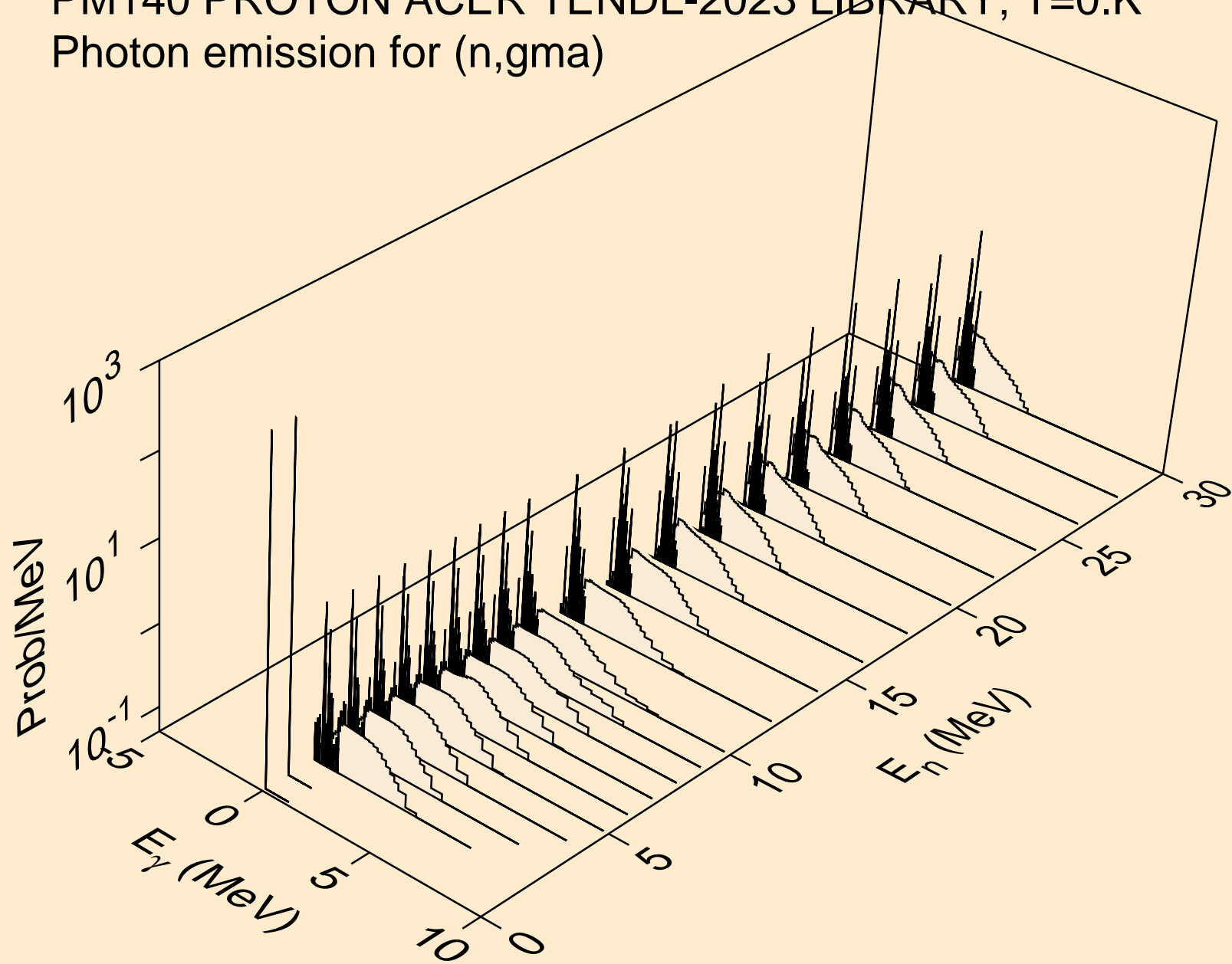




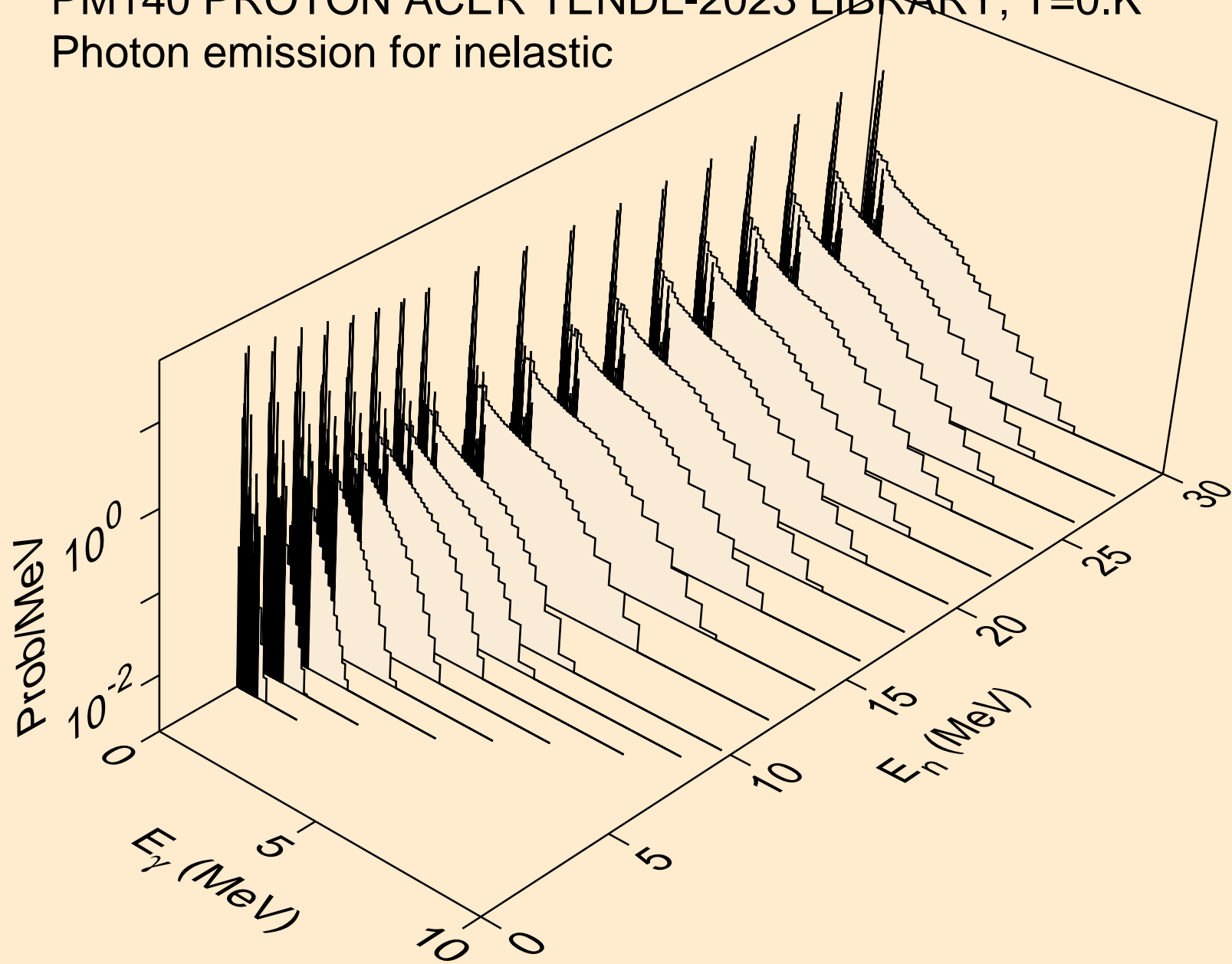
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Photon emission for (n,npa)



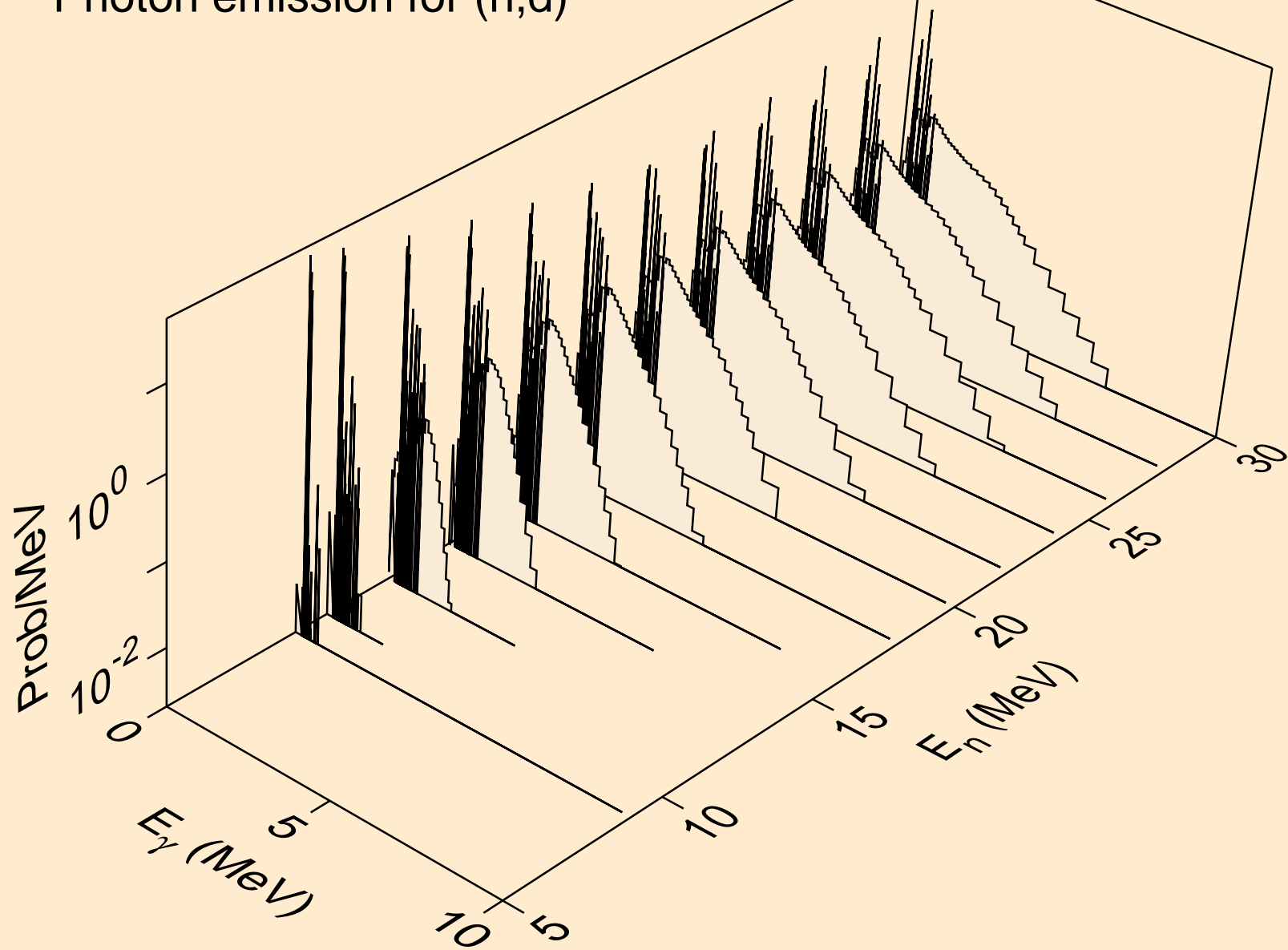
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Photon emission for (n,gma)



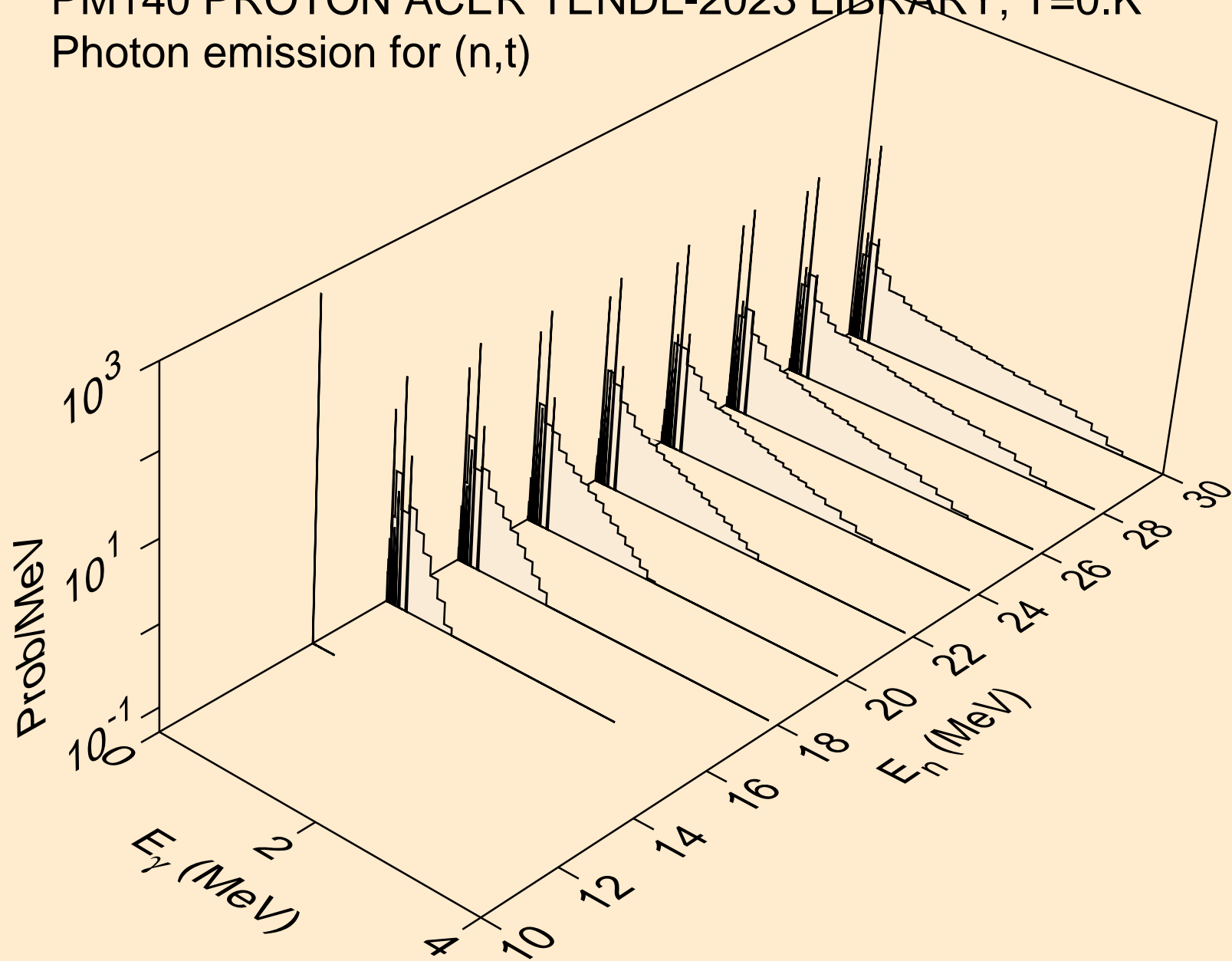
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



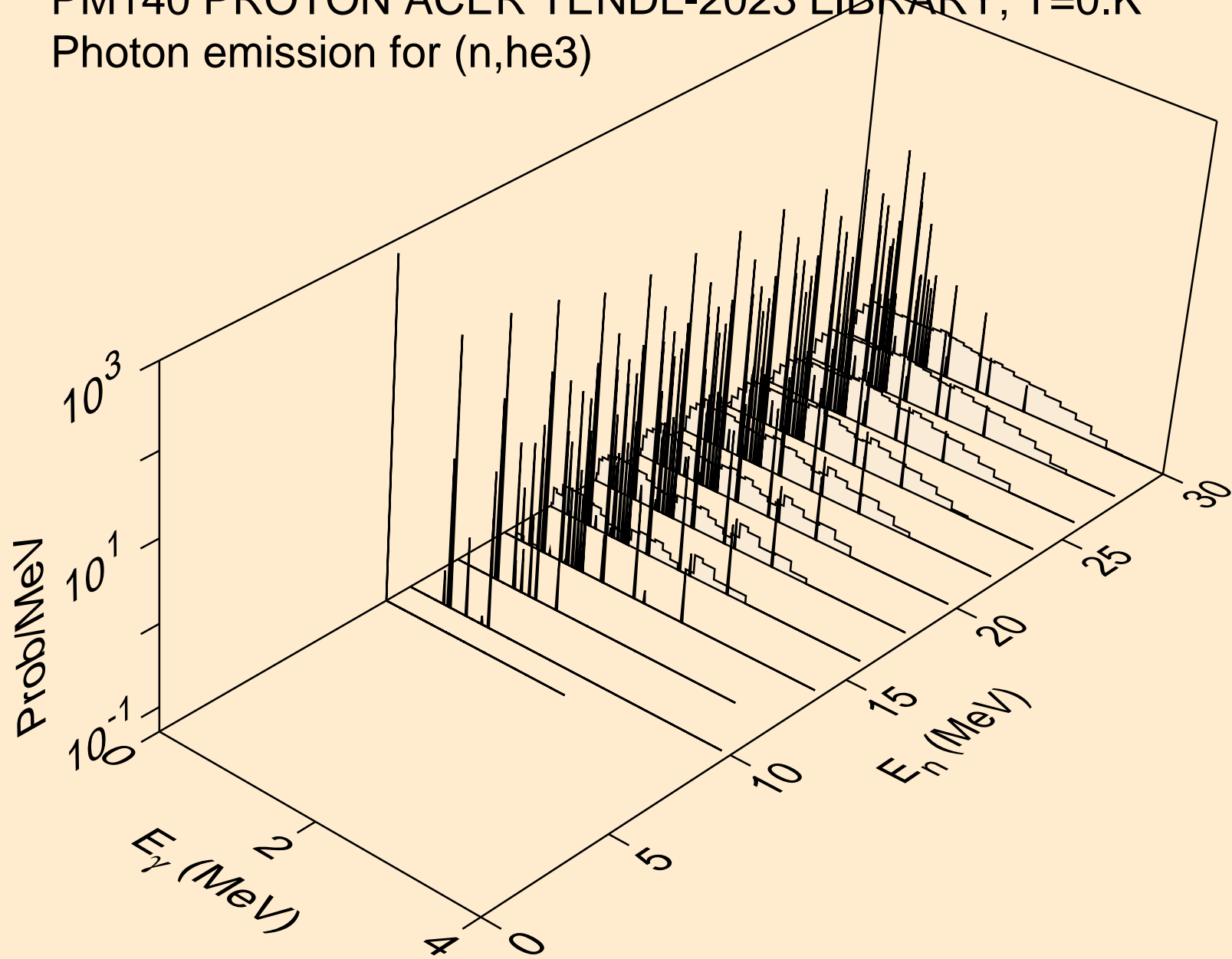
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Photon emission for (n,d)



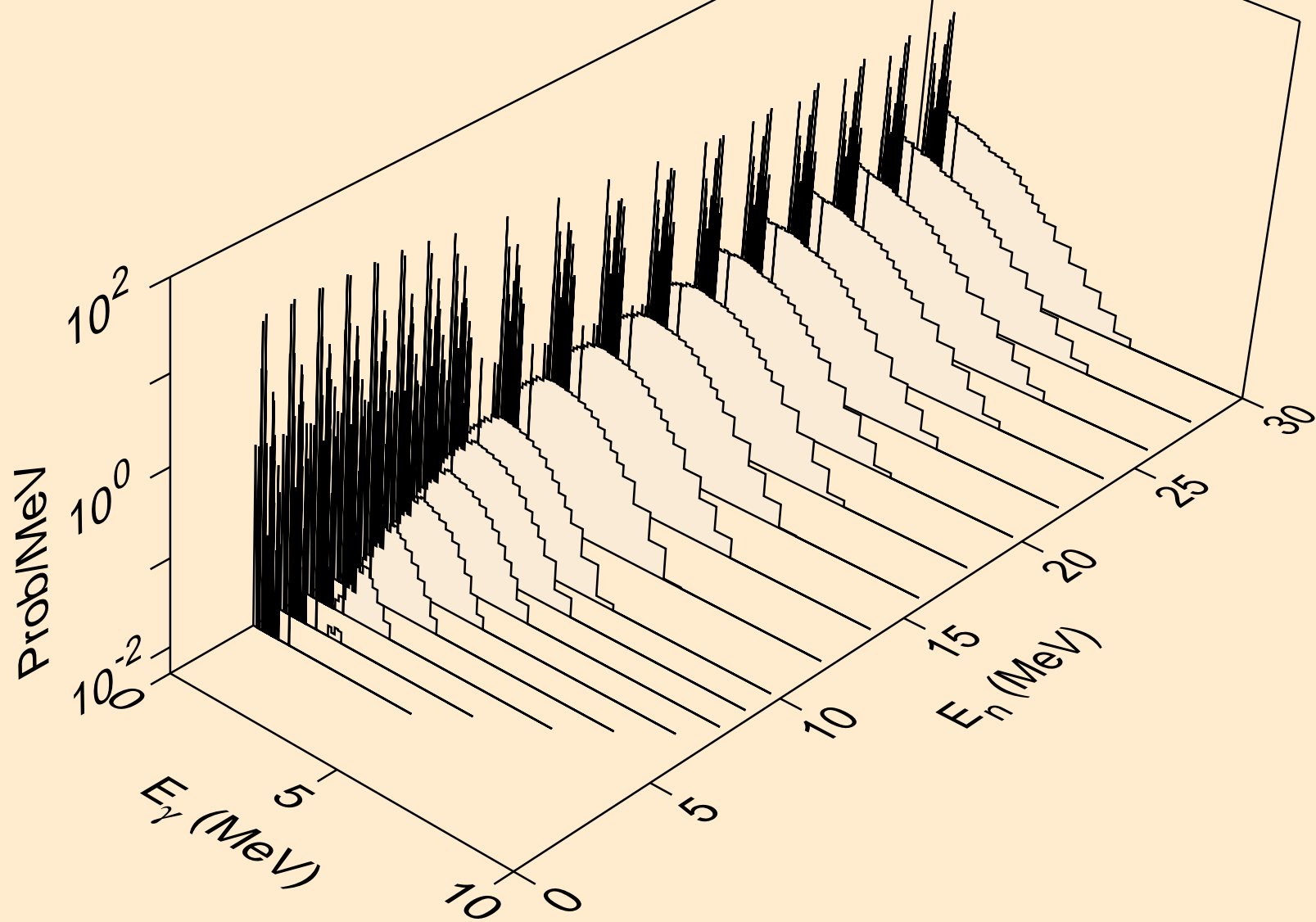
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Photon emission for (n,t)



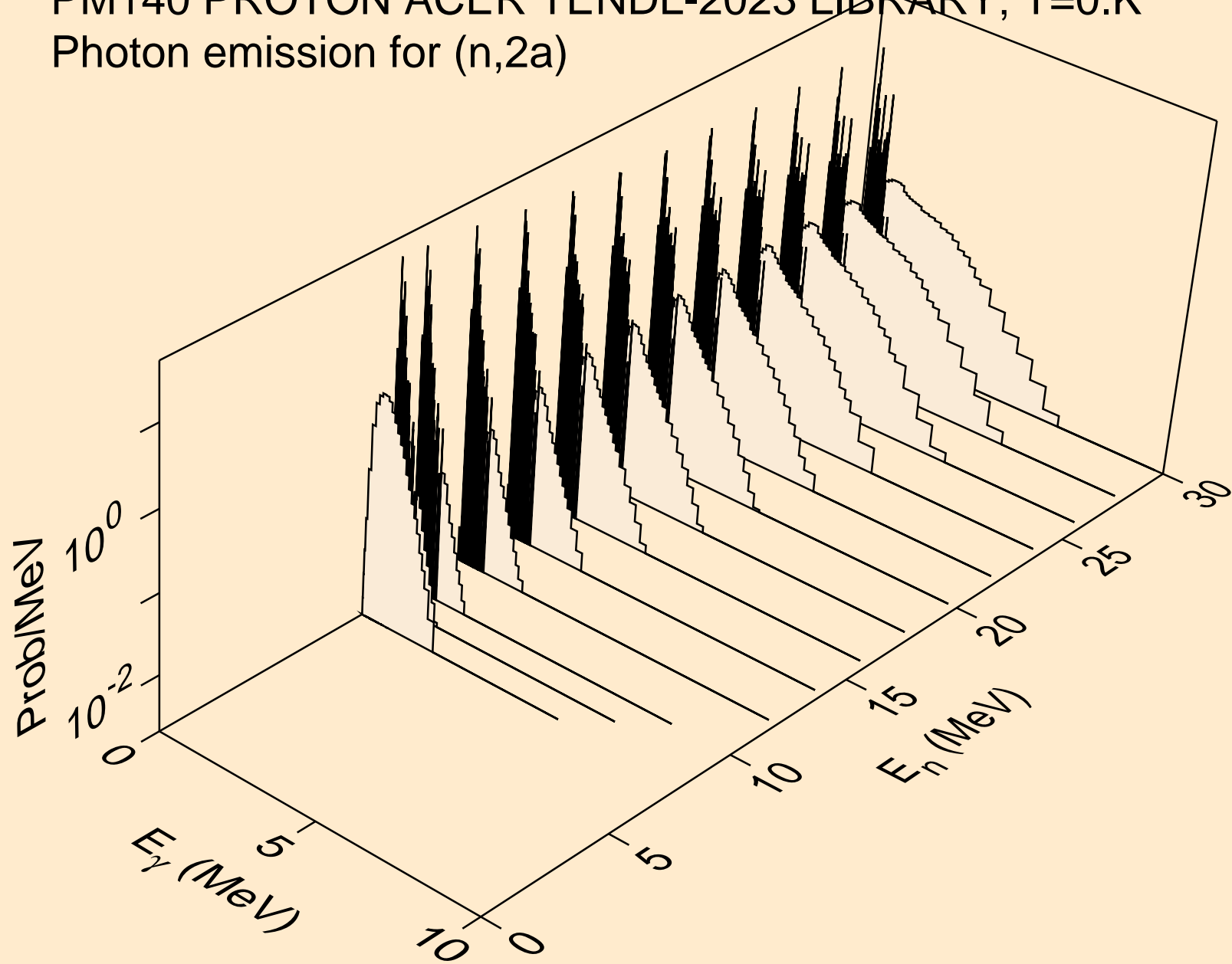
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

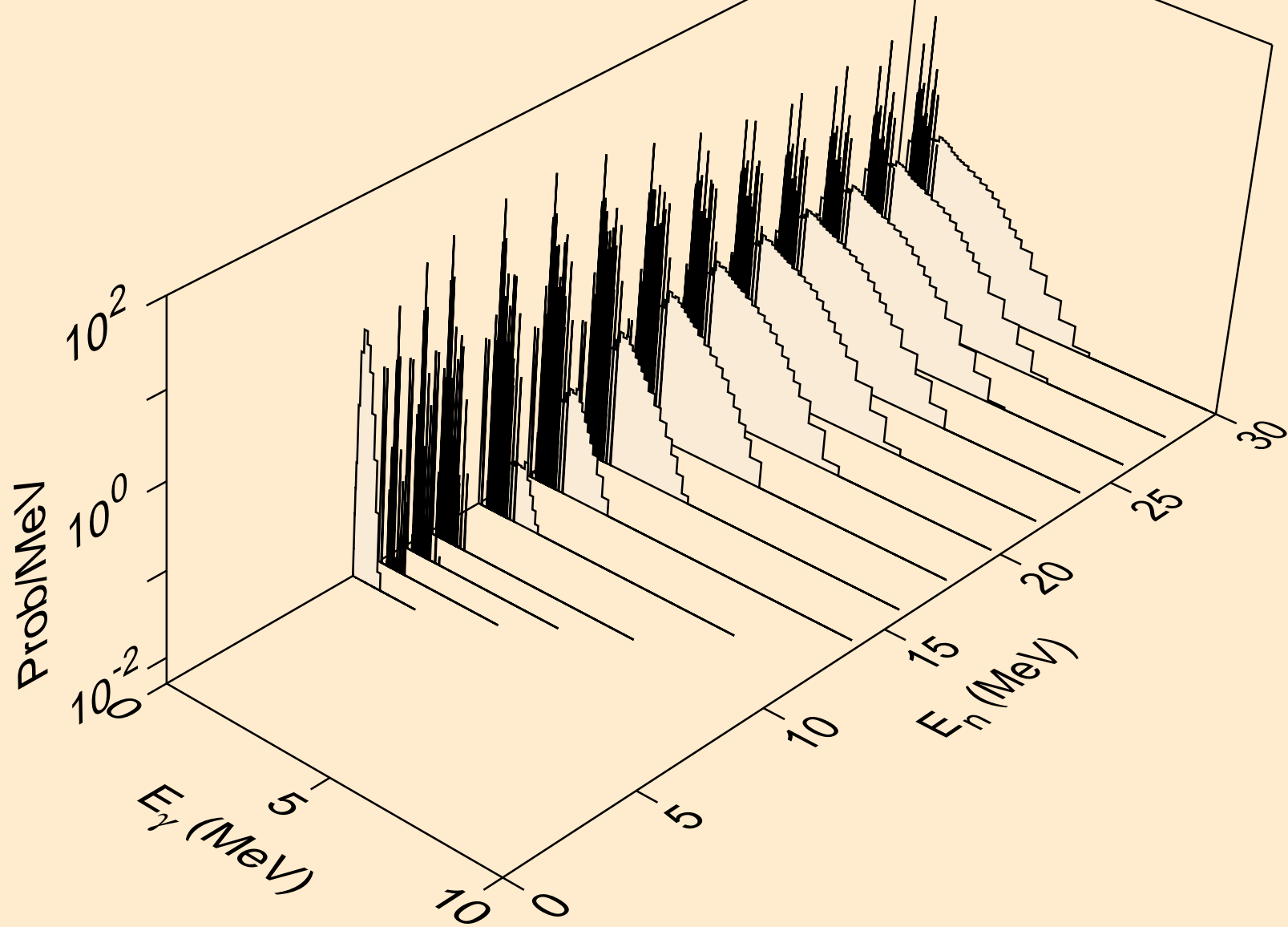


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

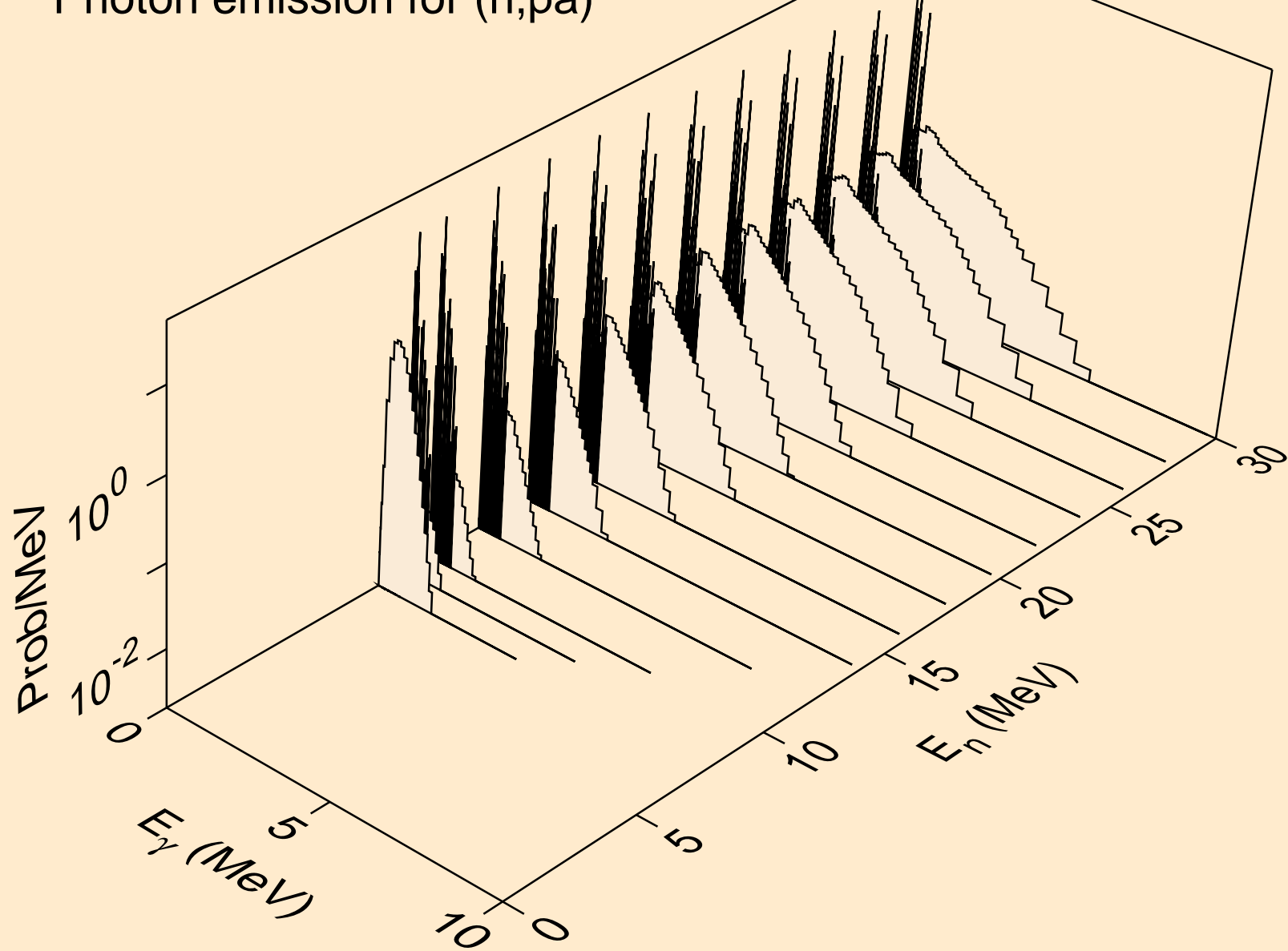




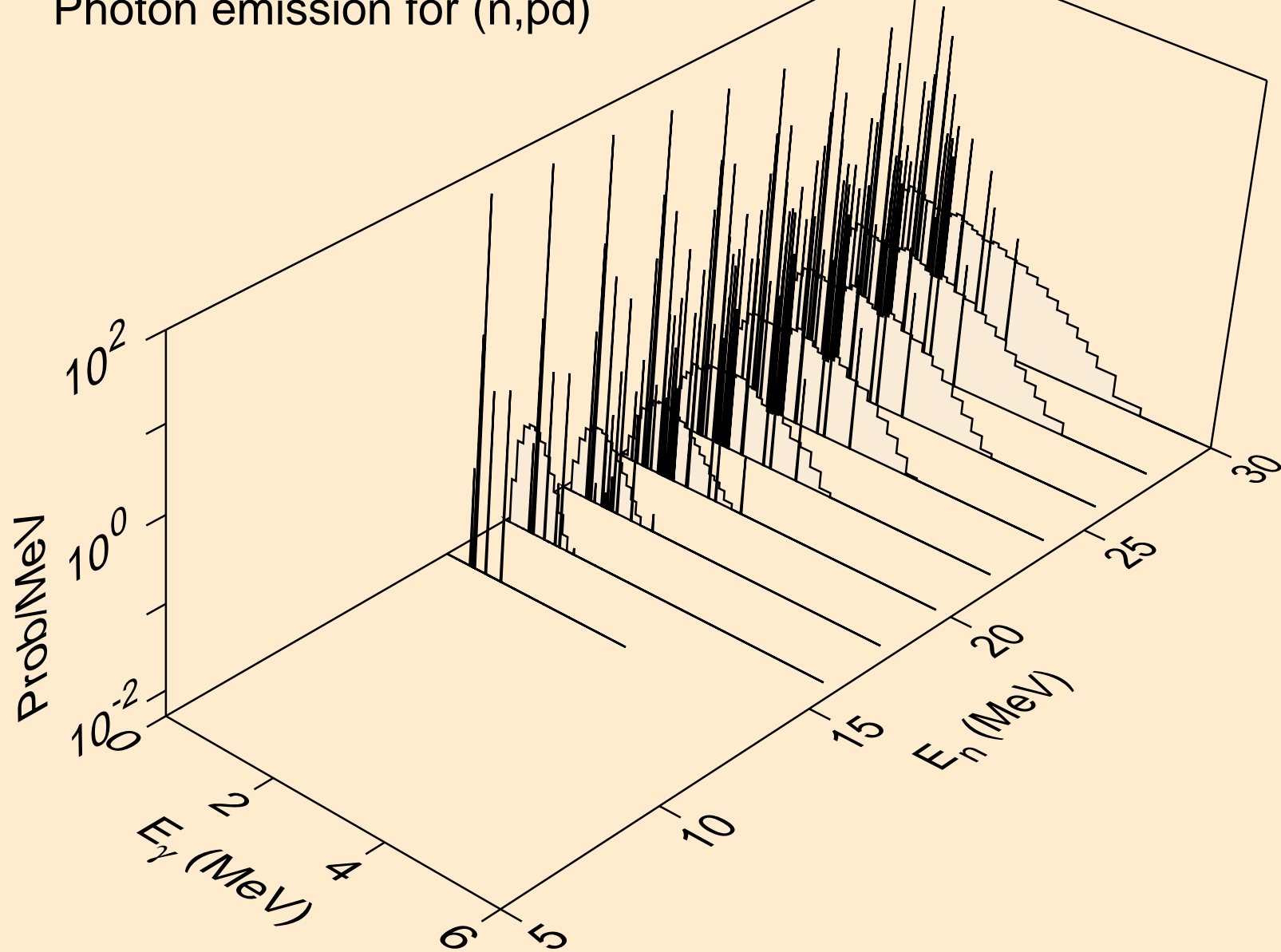
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Photon emission for (n,2p)



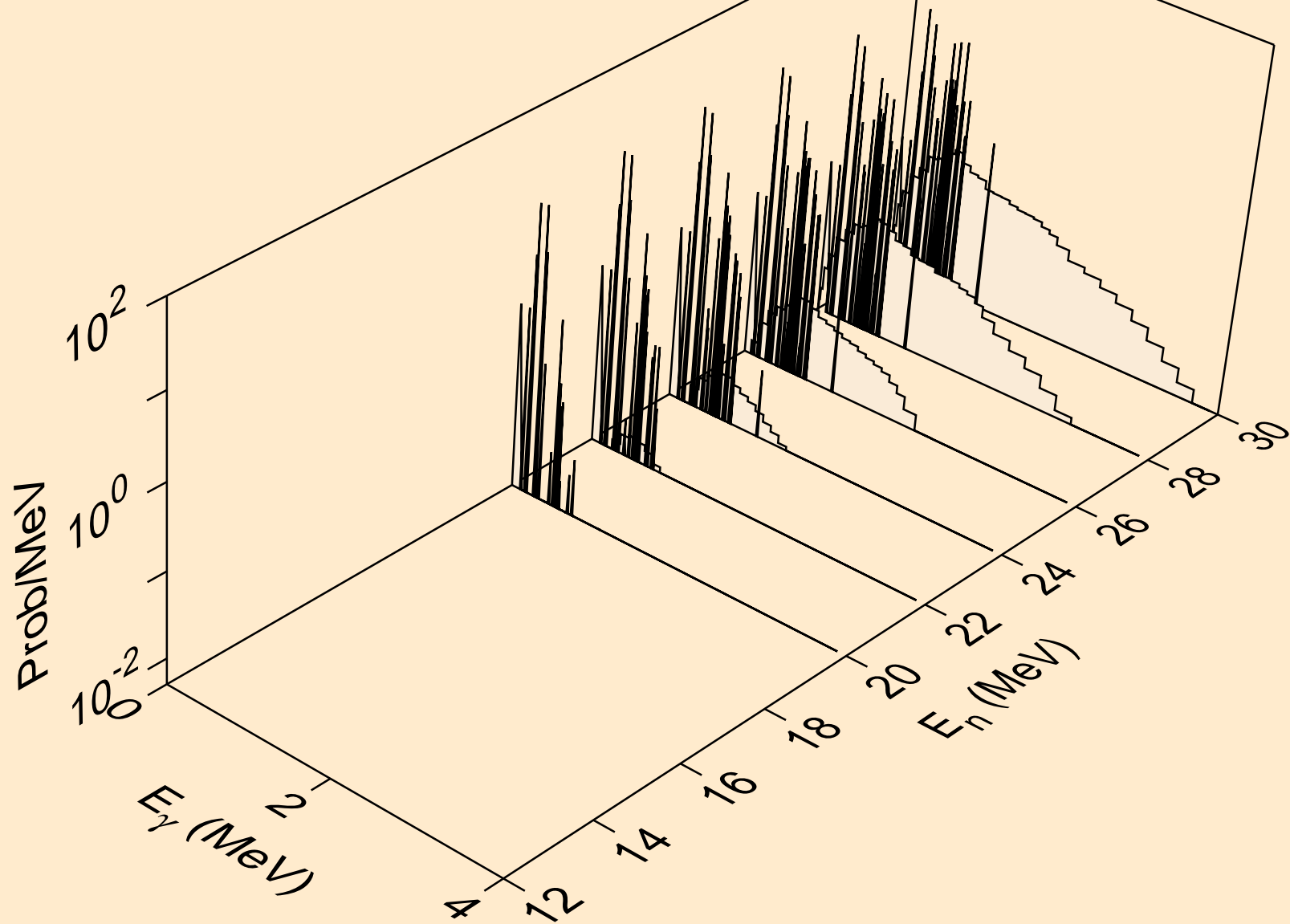
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Photon emission for (n,pa)



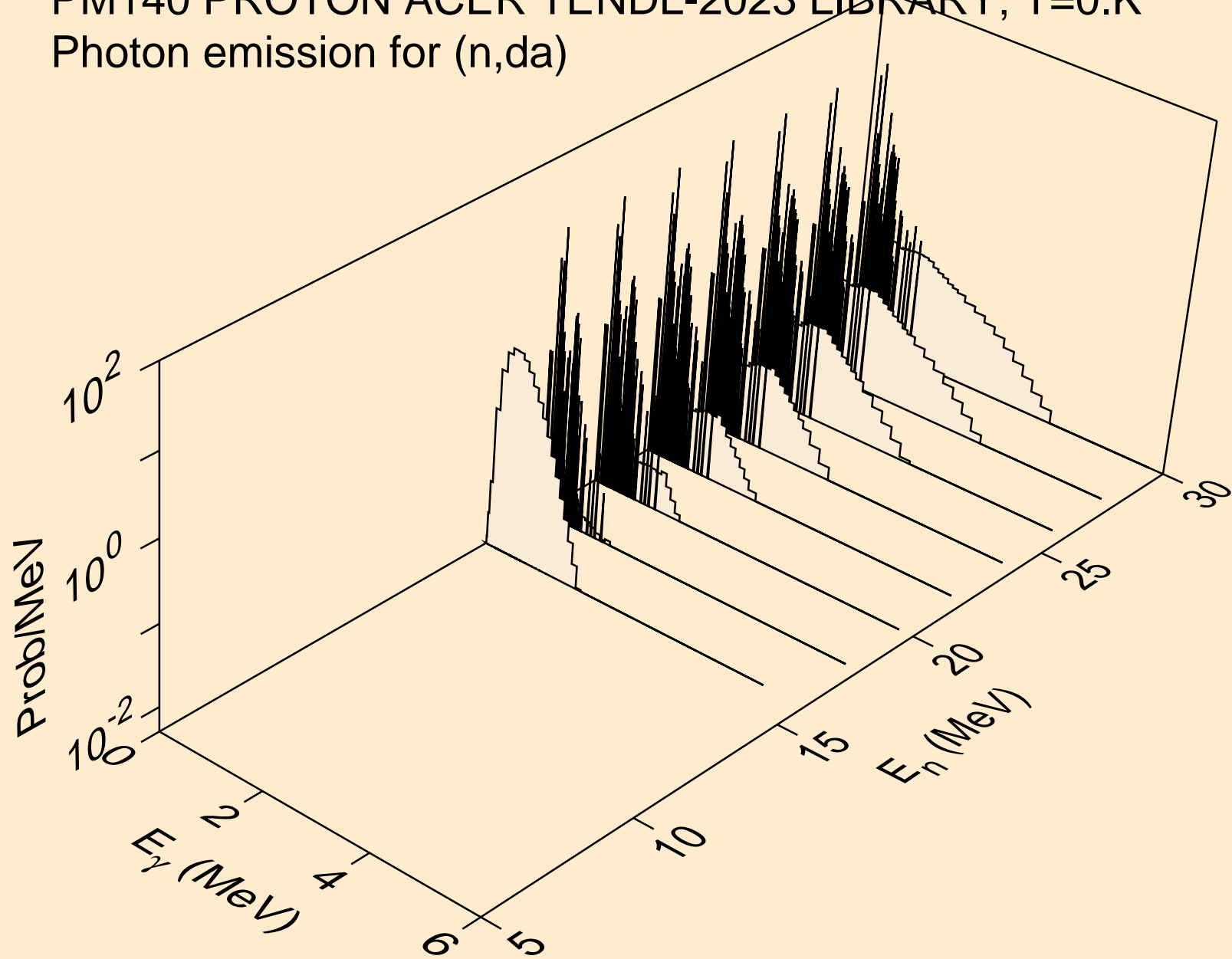
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Photon emission for (n,pd)



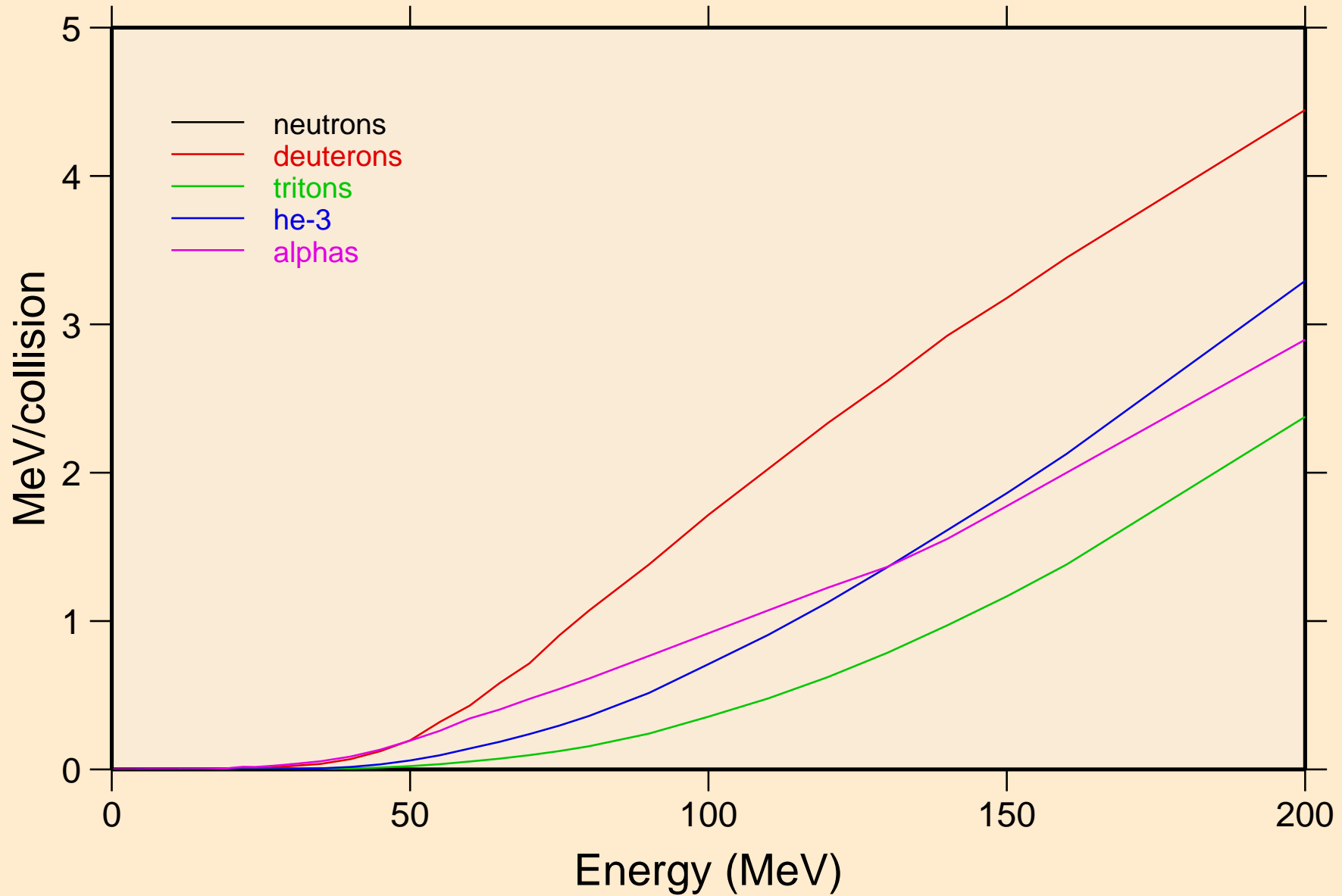
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Photon emission for (n,pt)



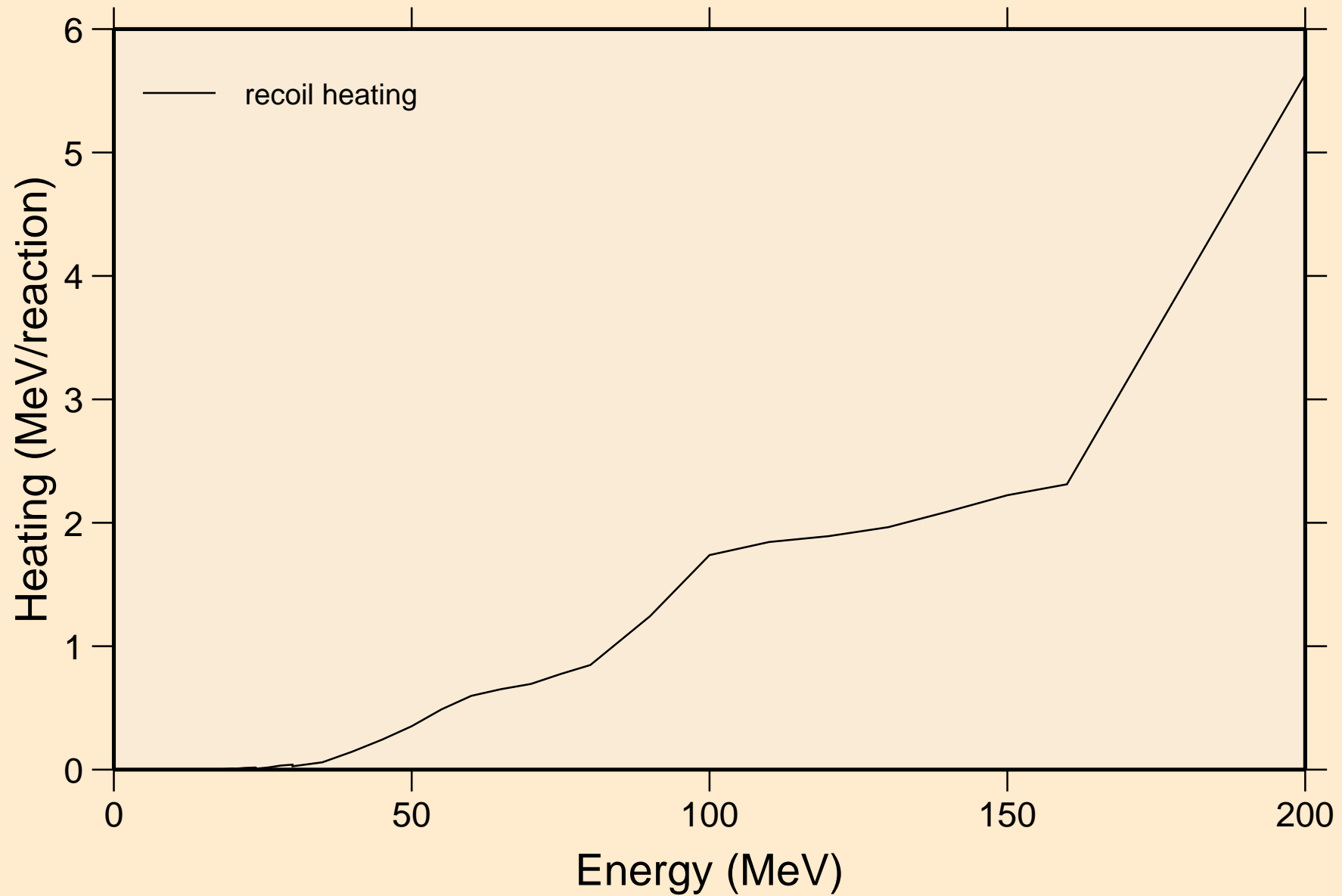
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Photon emission for (n,da)



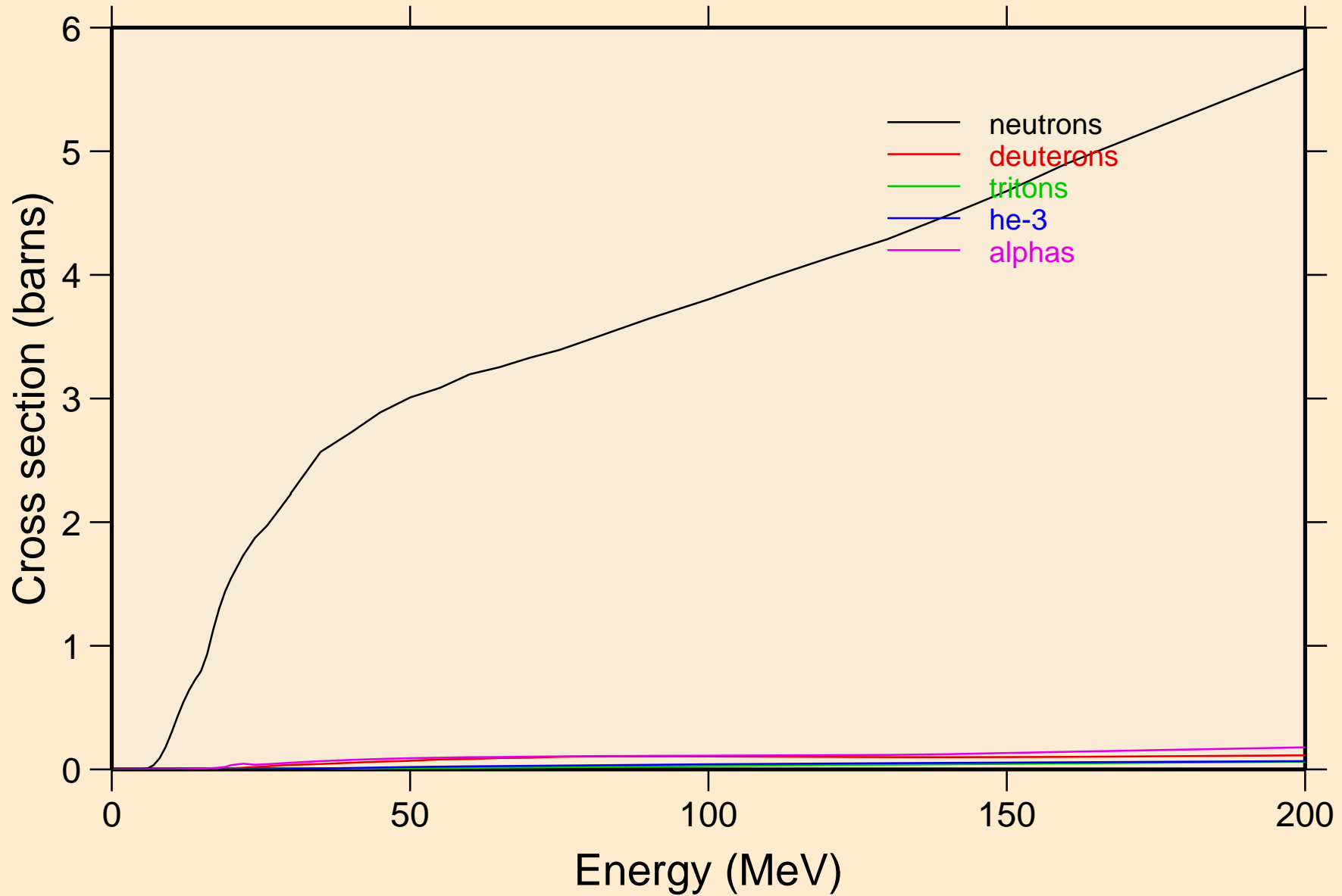
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

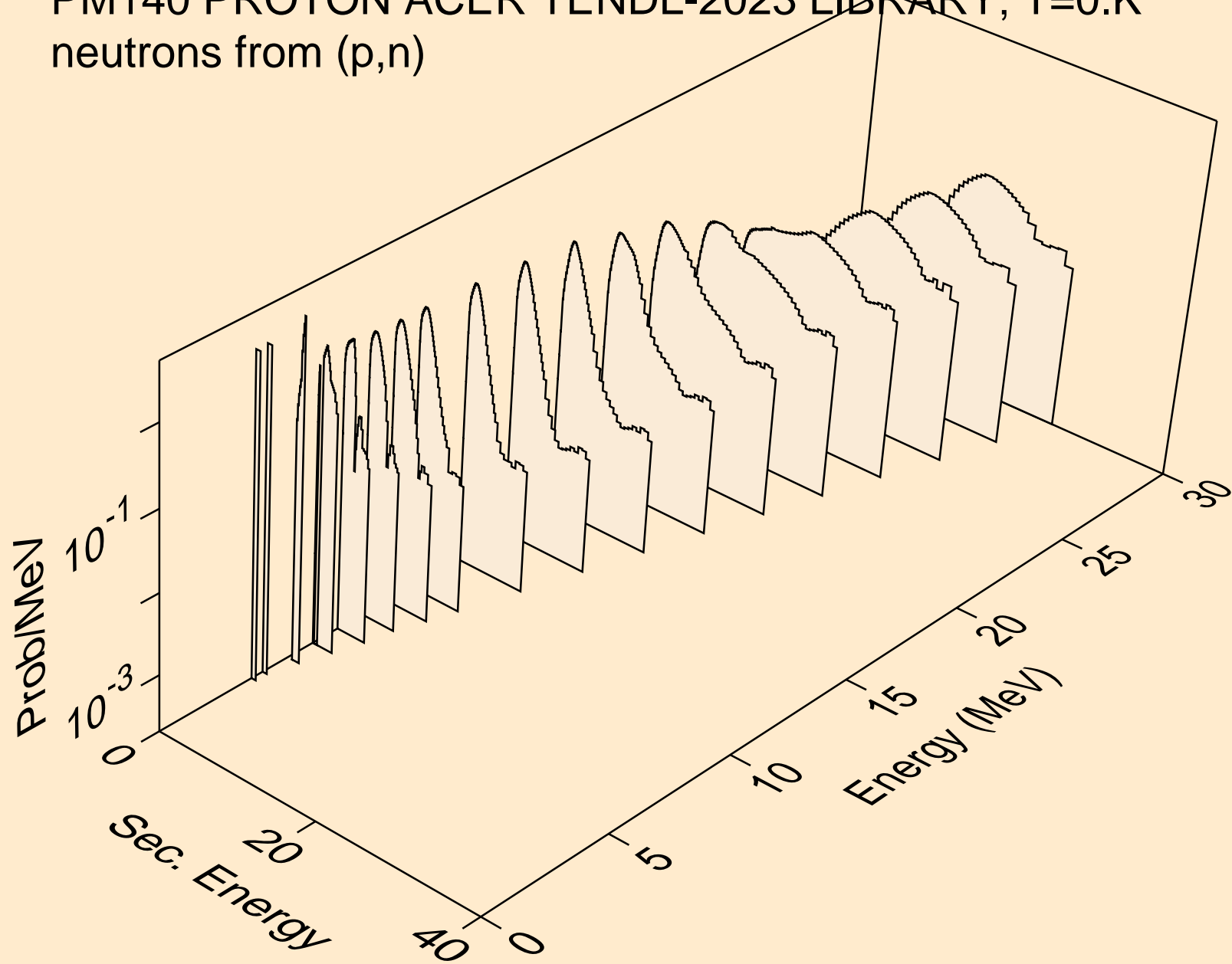


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

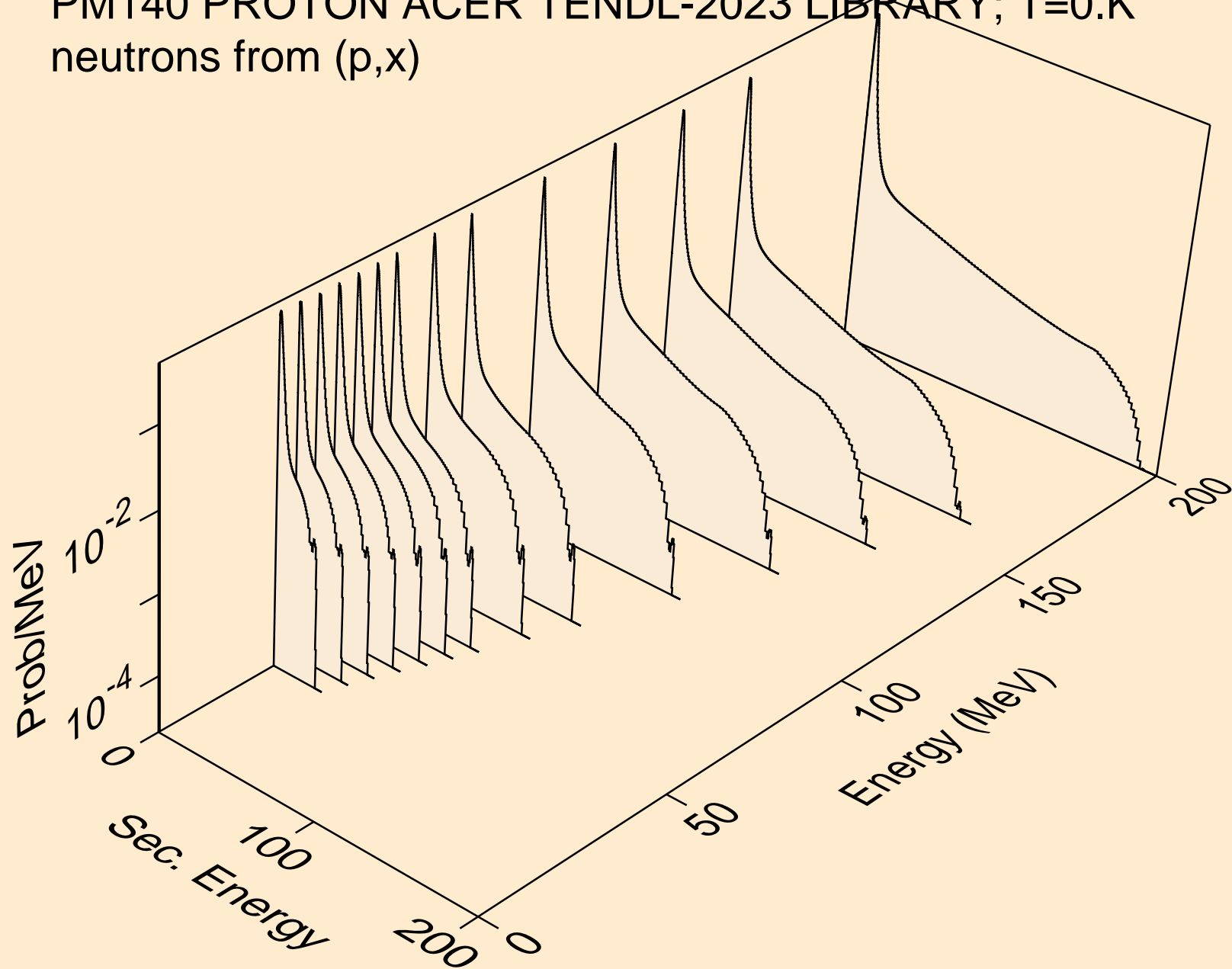




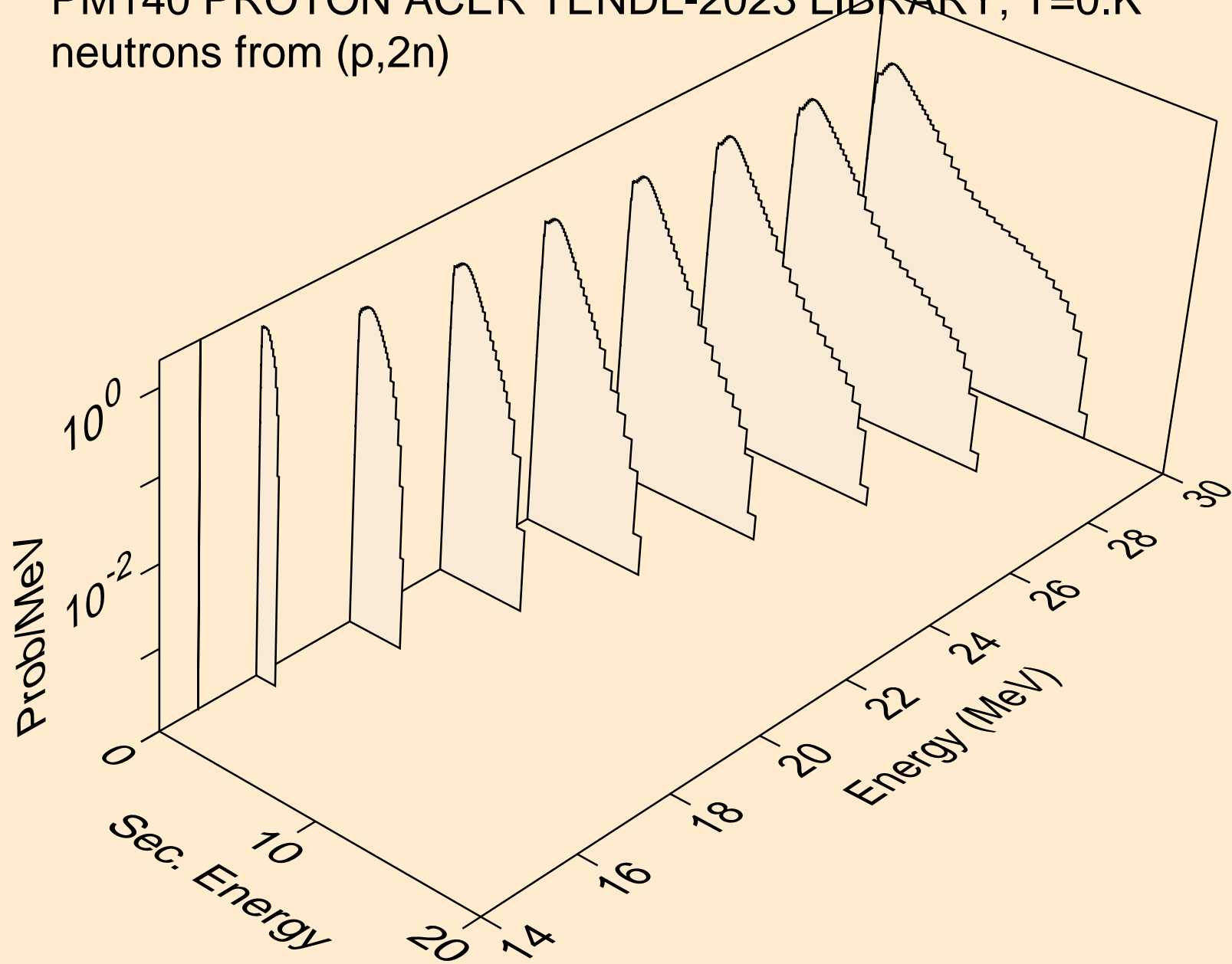
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



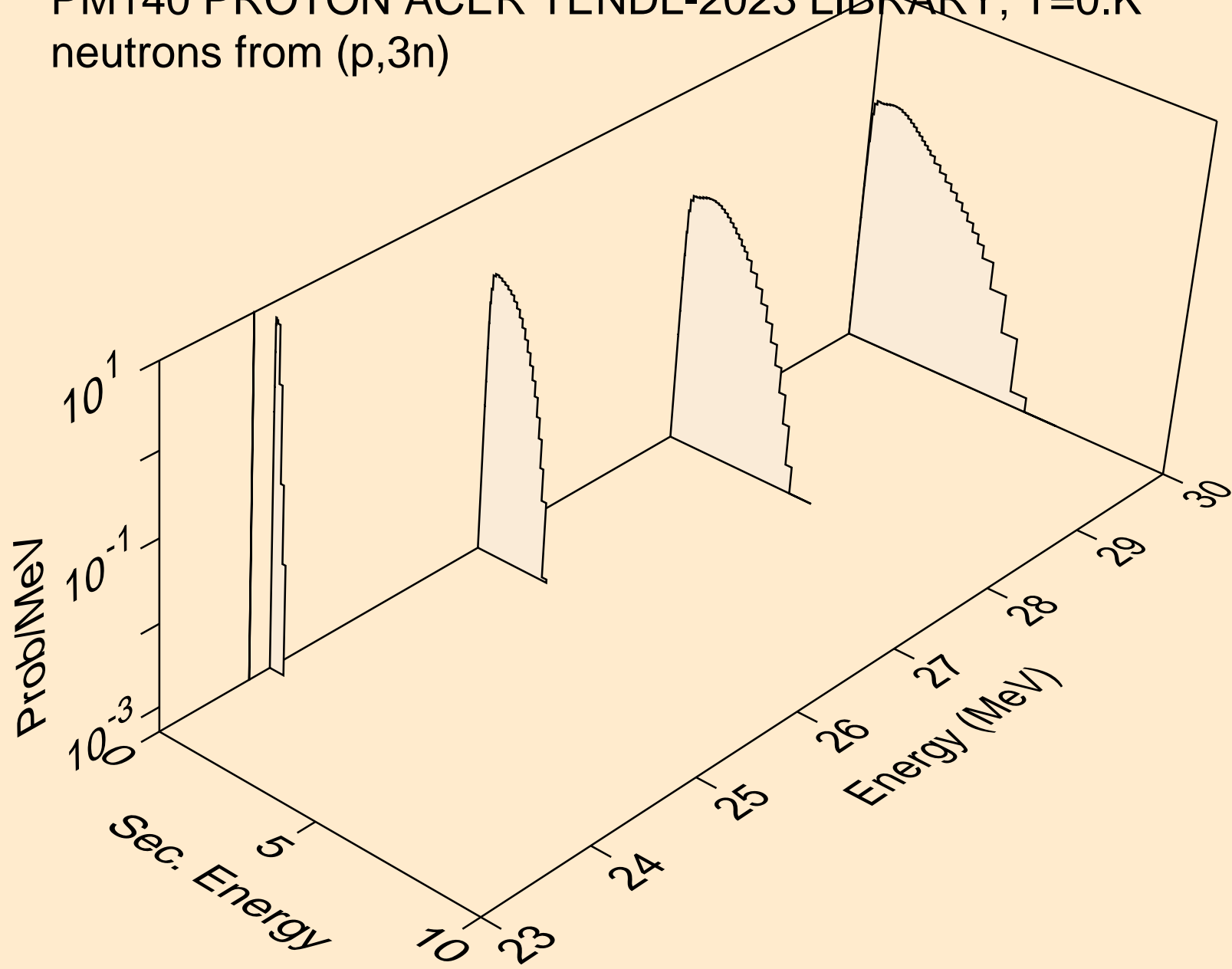
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



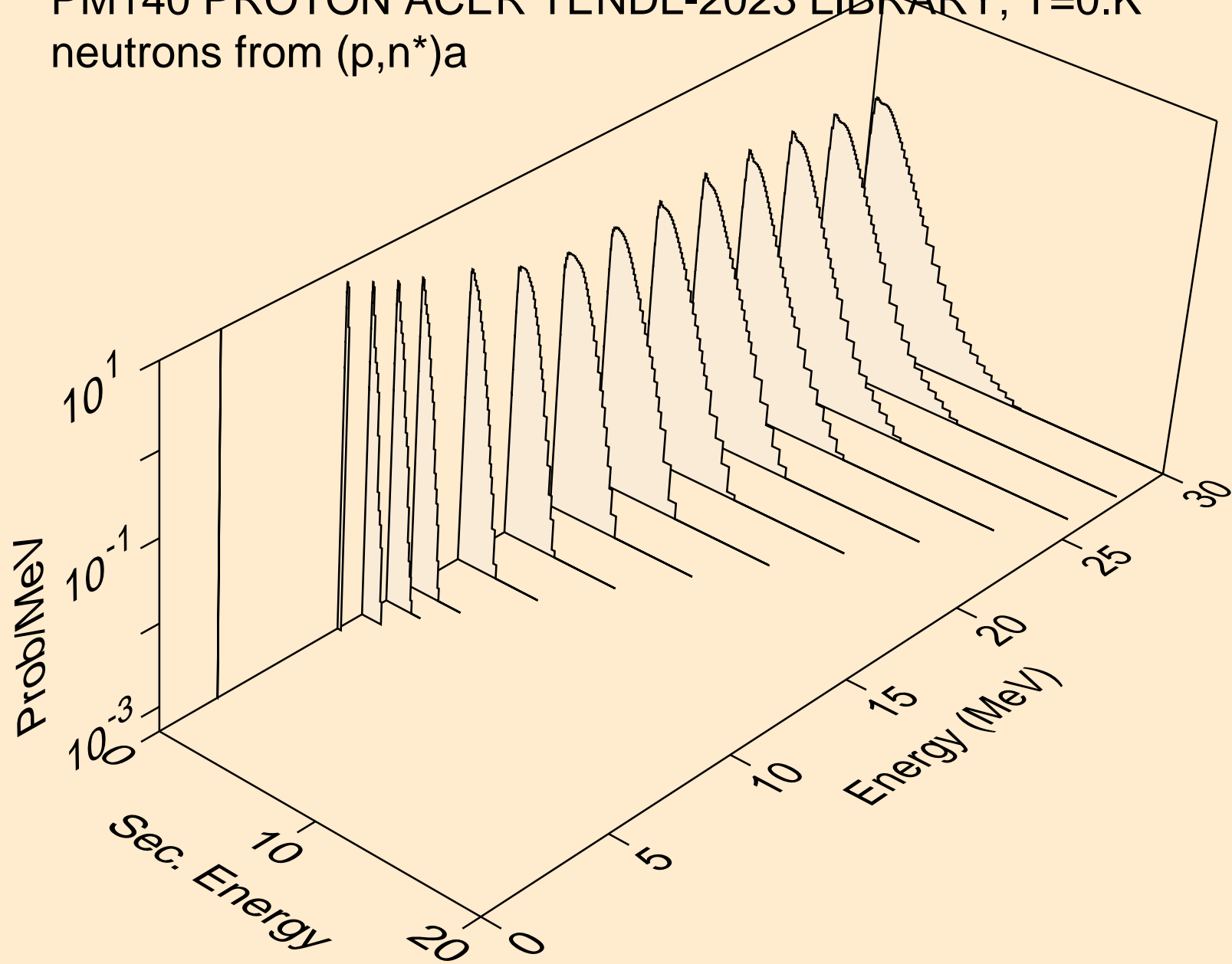
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neutrons from (p,2n)



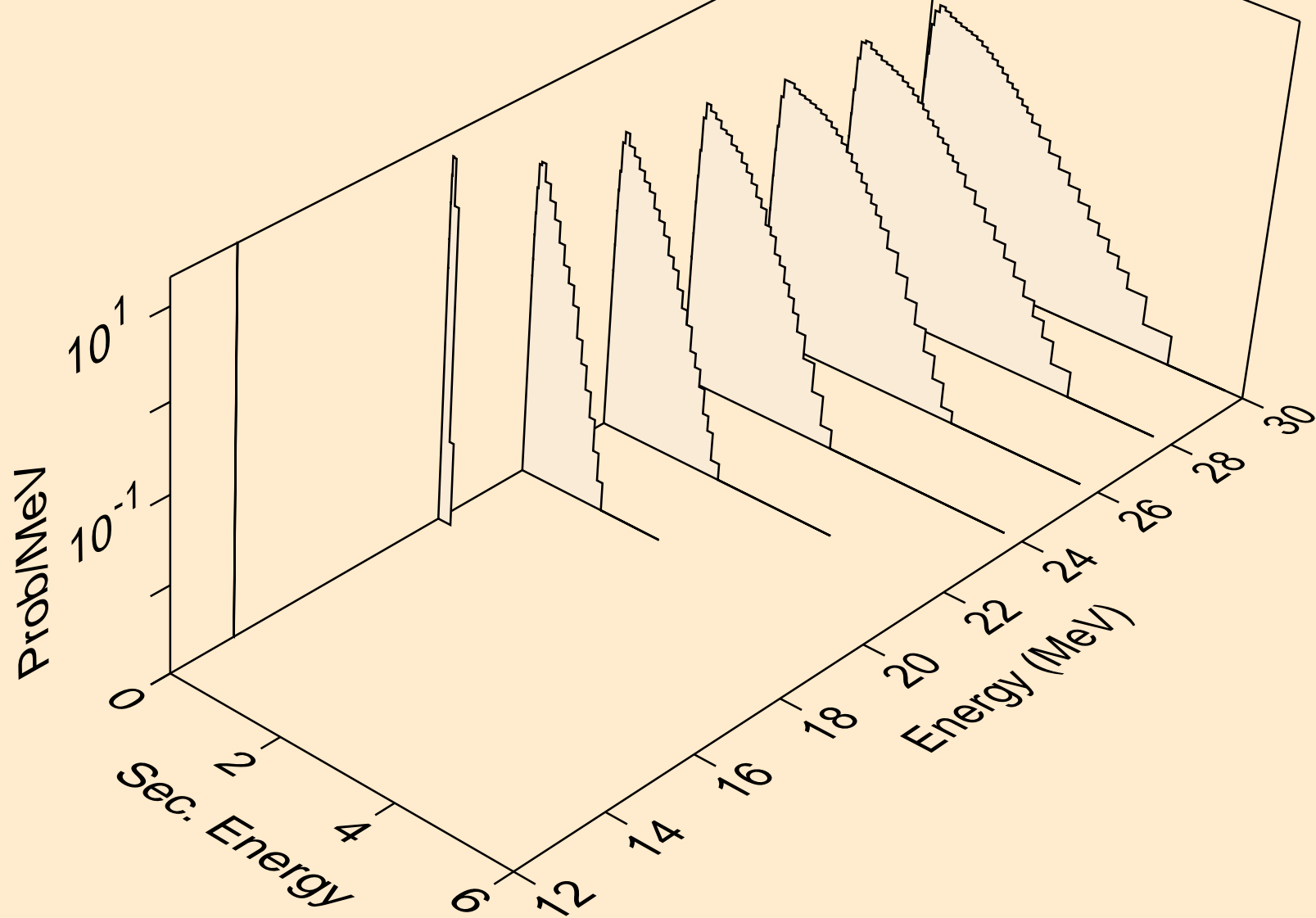
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neutrons from (p,3n)



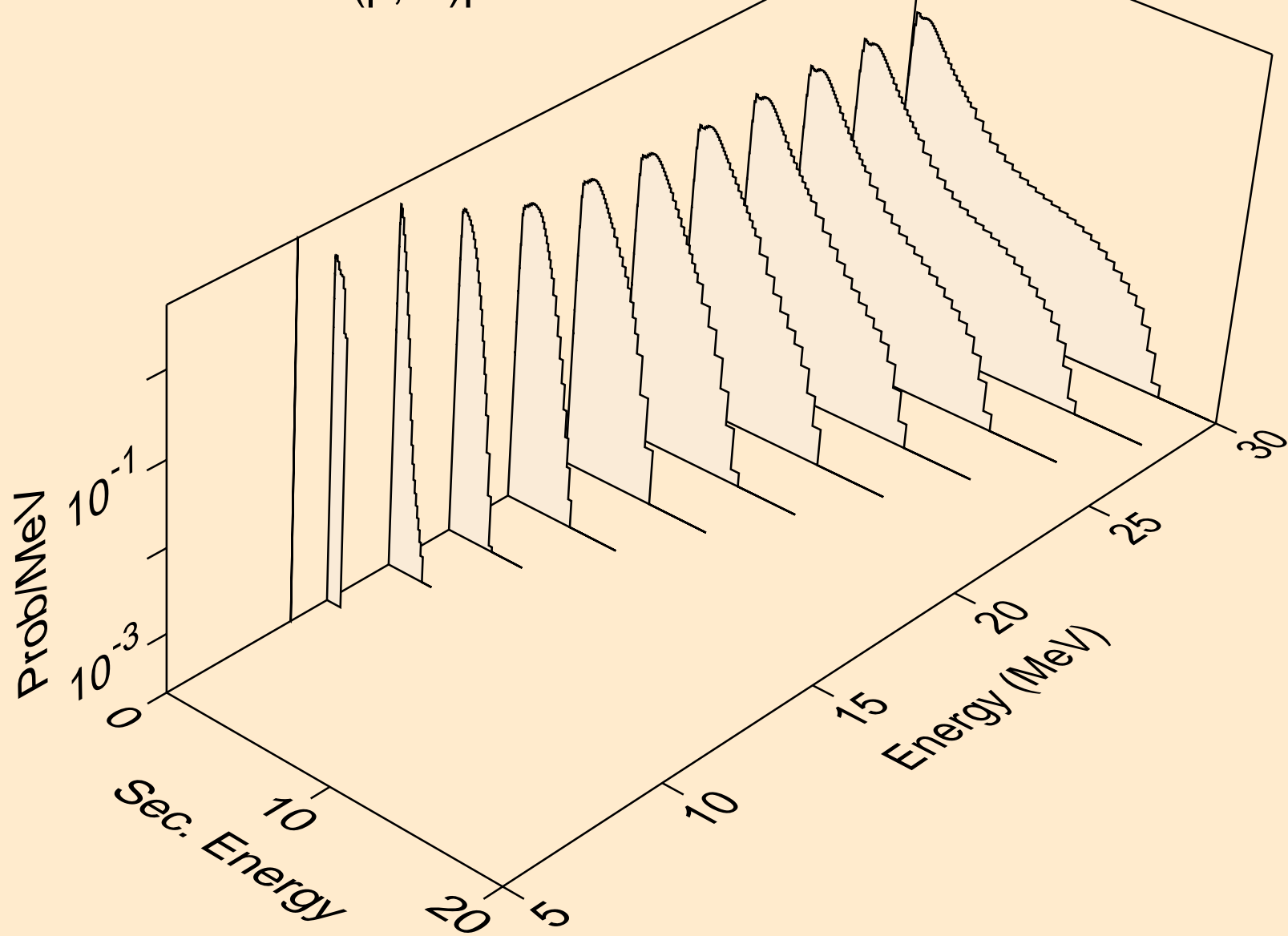
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



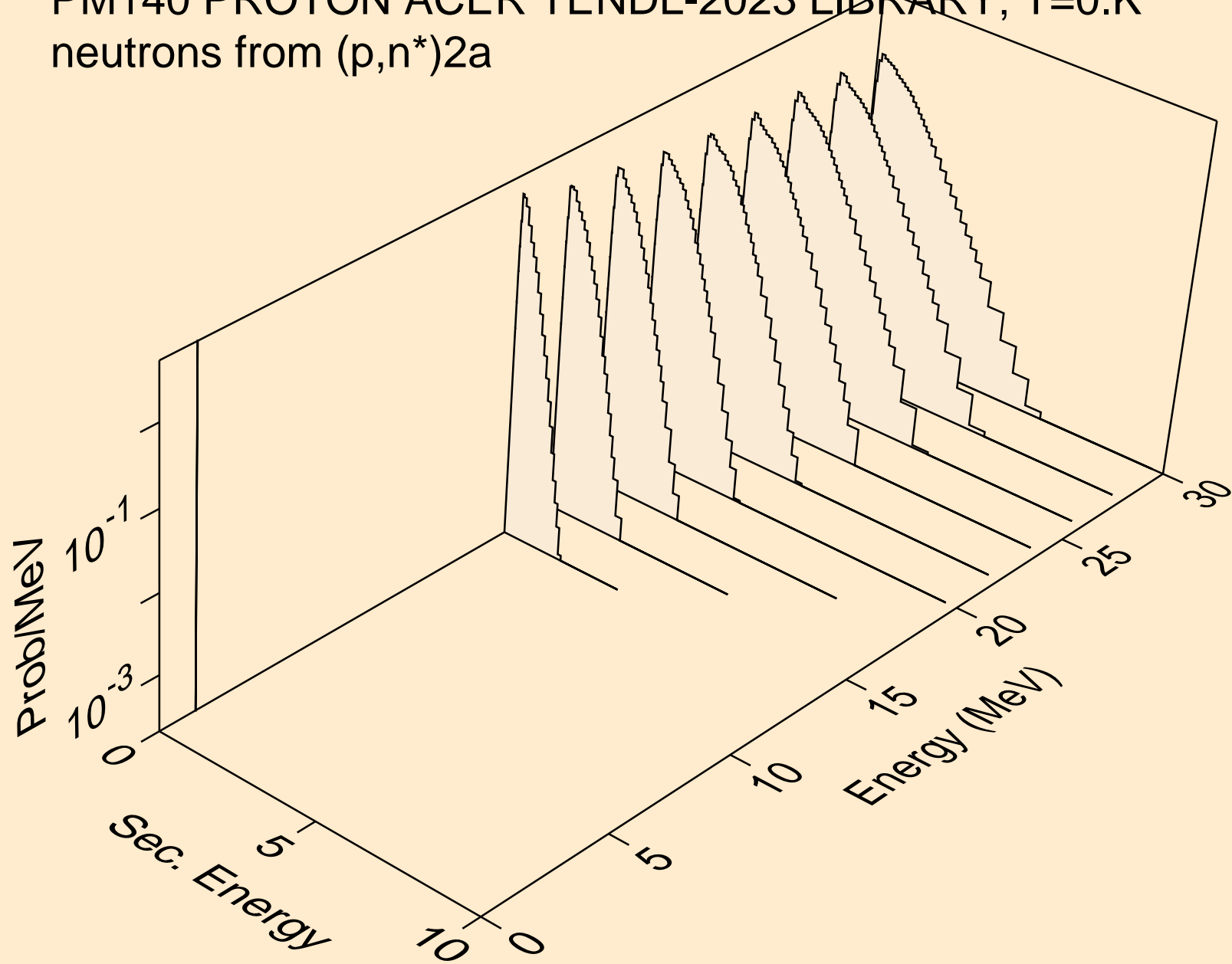
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

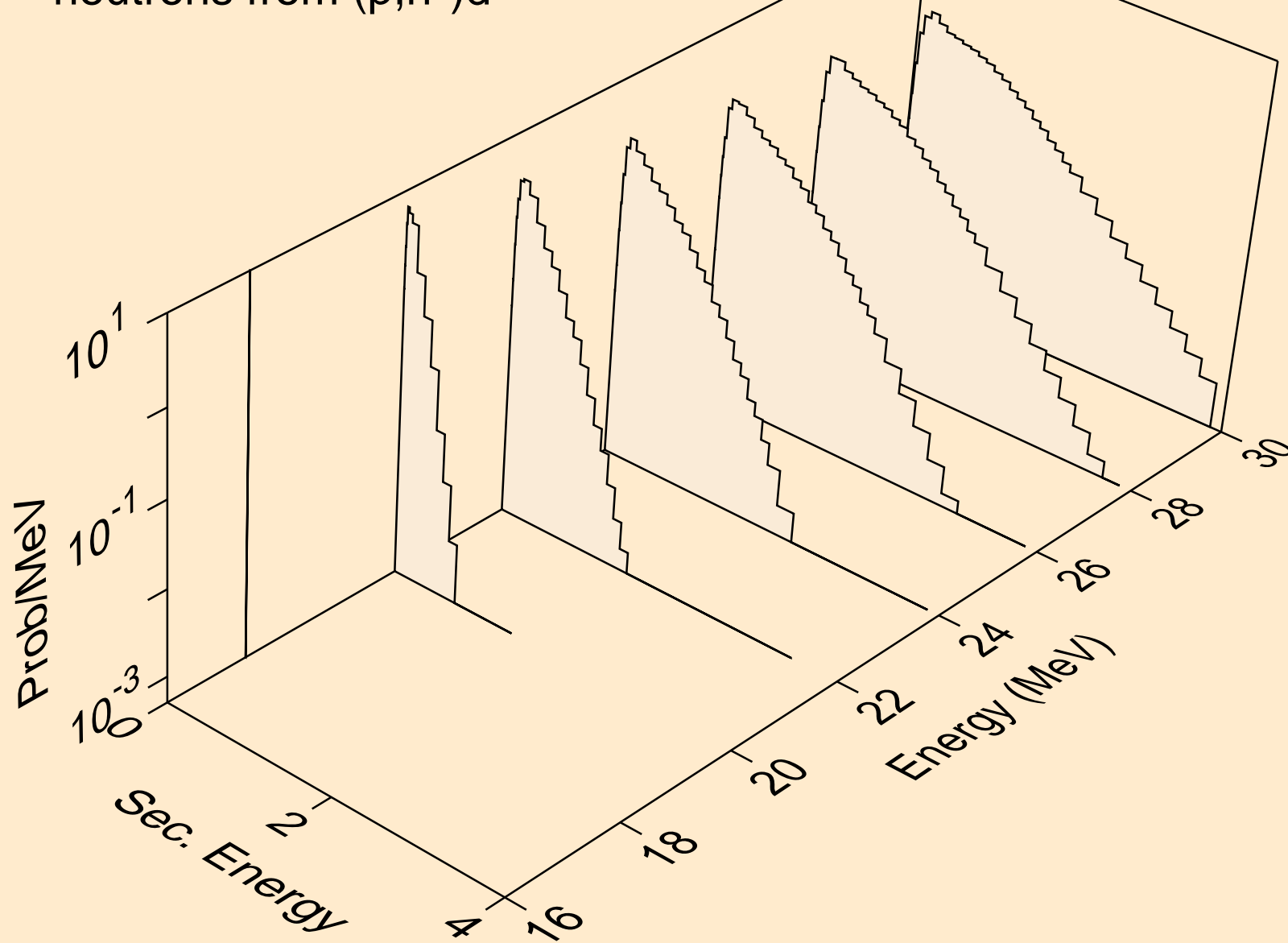


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

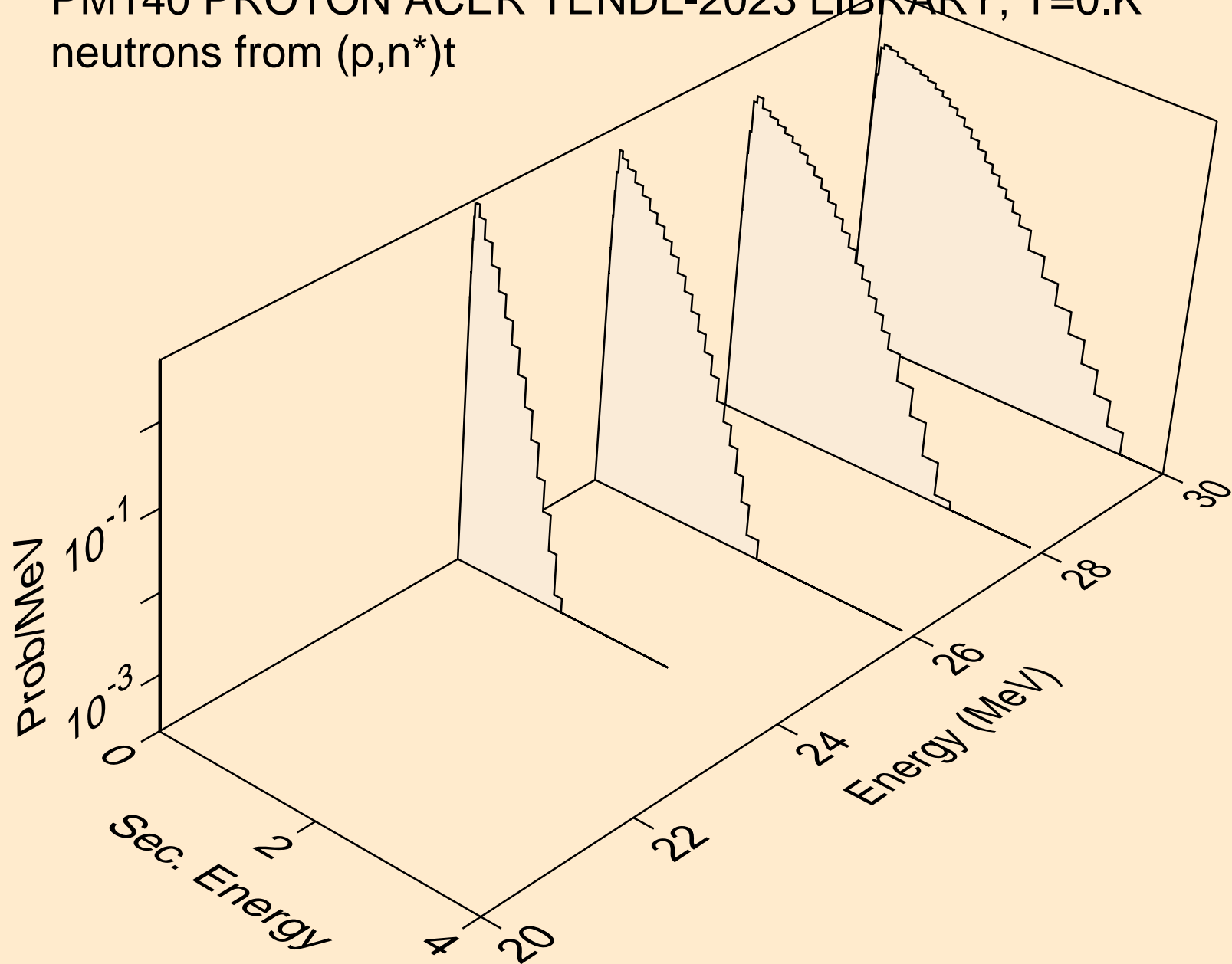




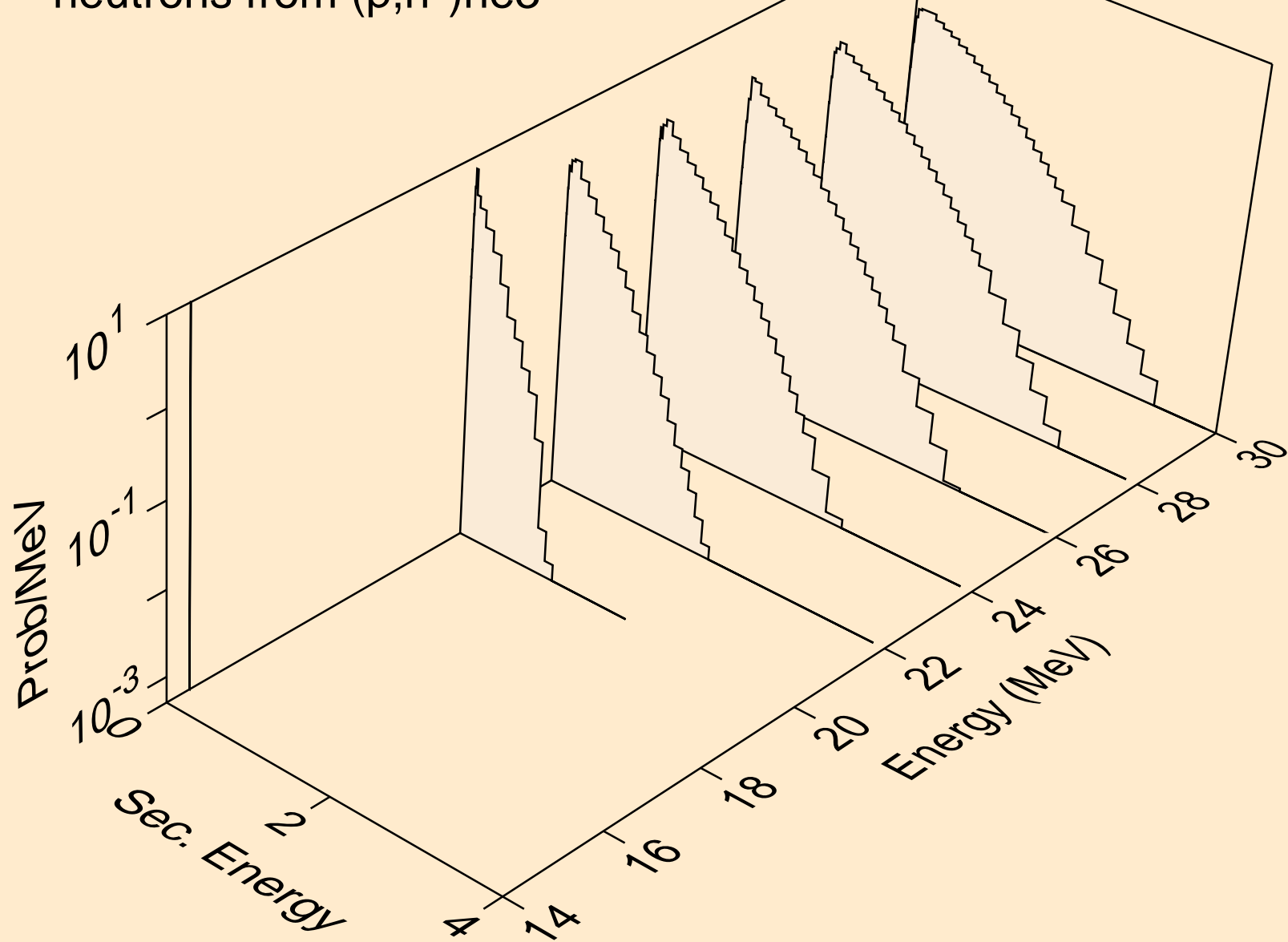
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neutrons from (p,n\*)d



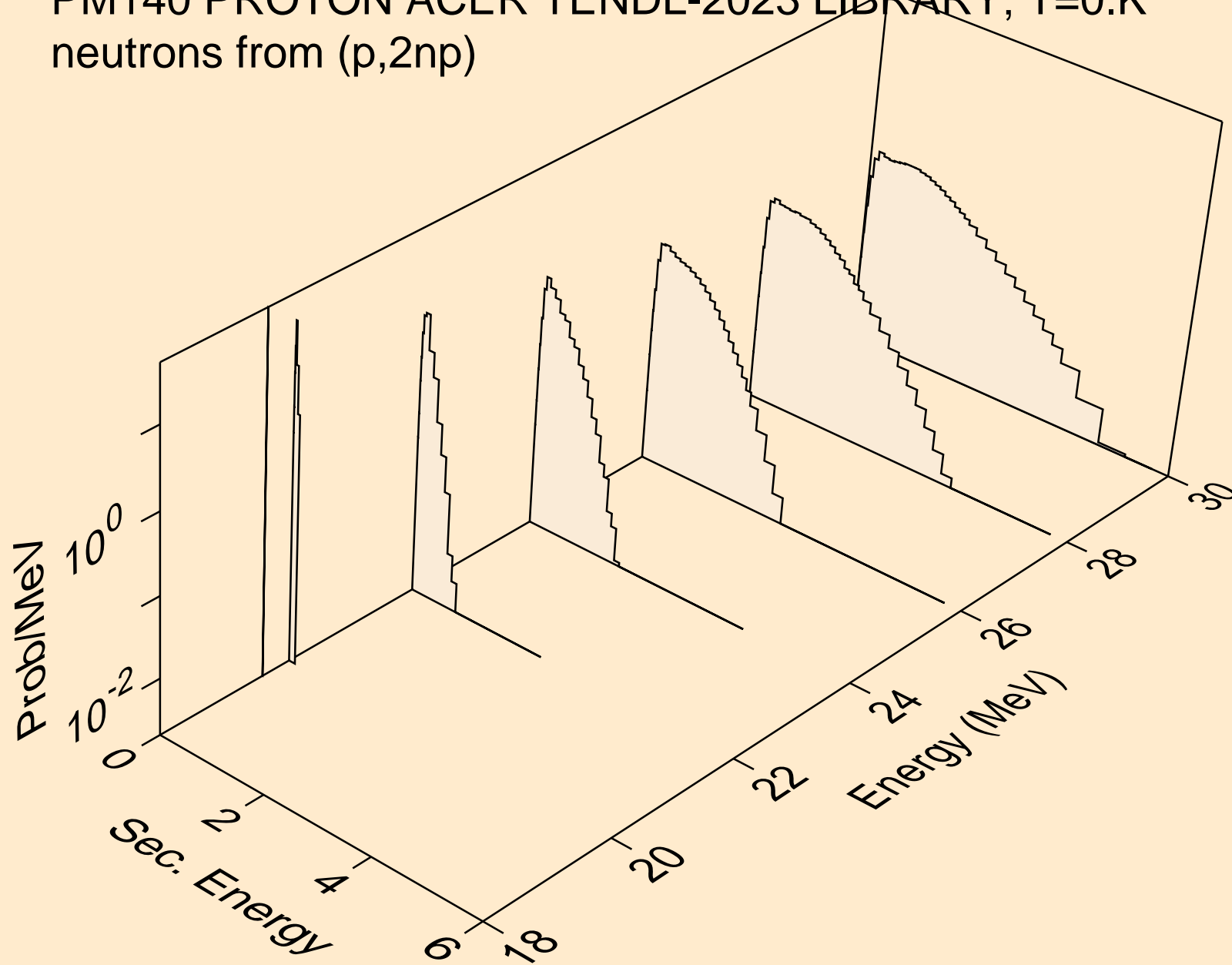
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neutrons from (p,n\*)t



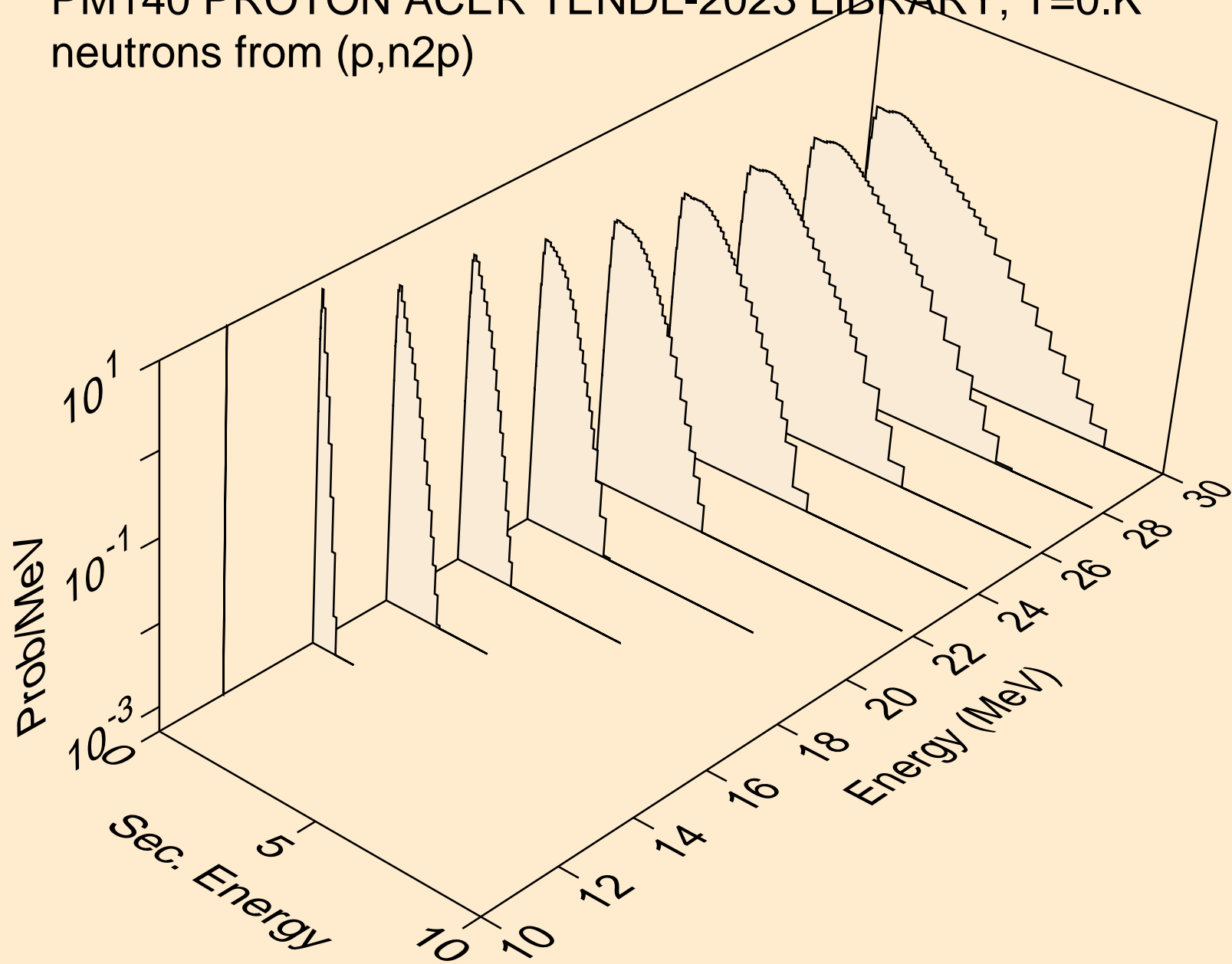
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



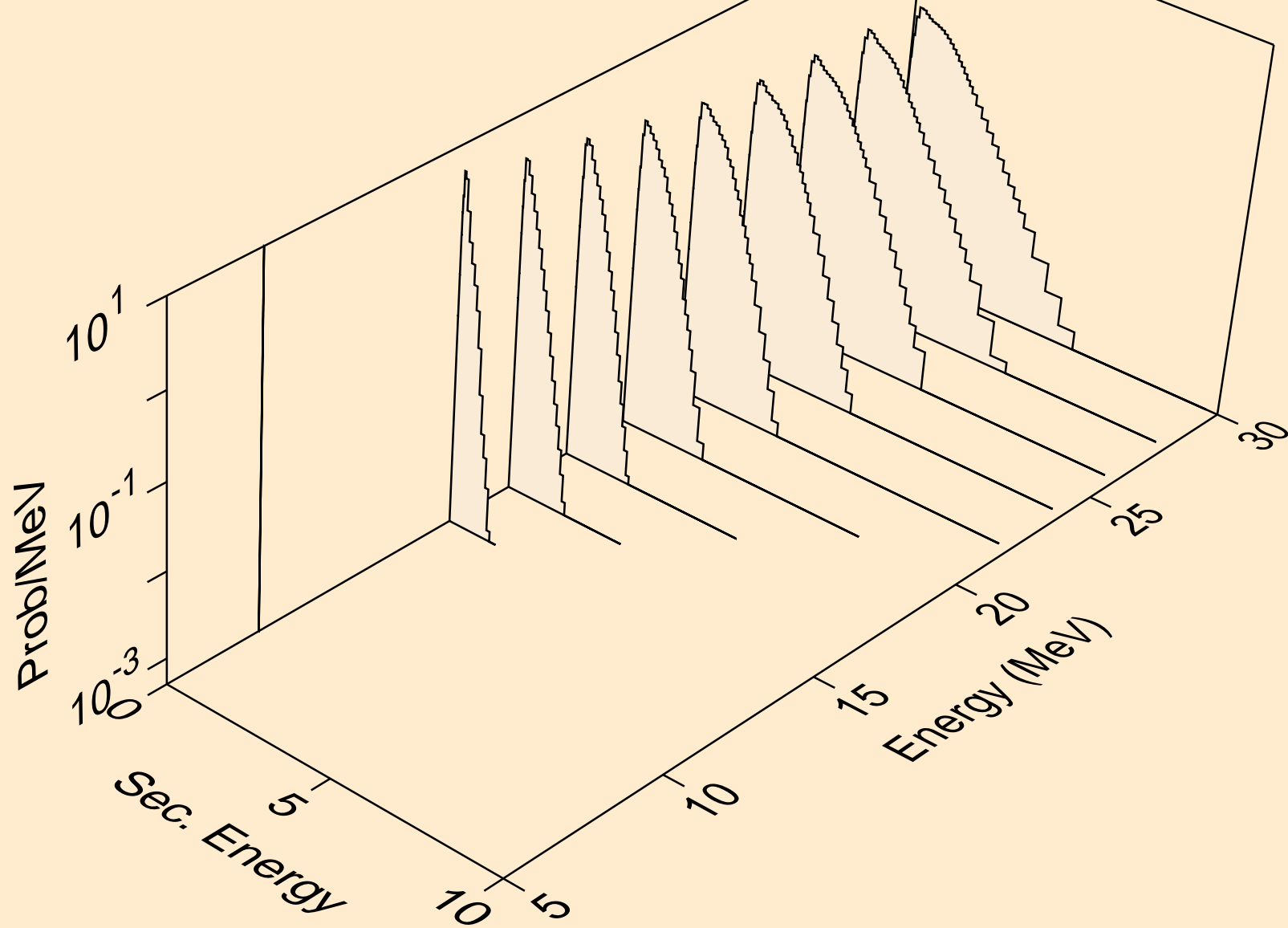
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neutrons from (p,2np)



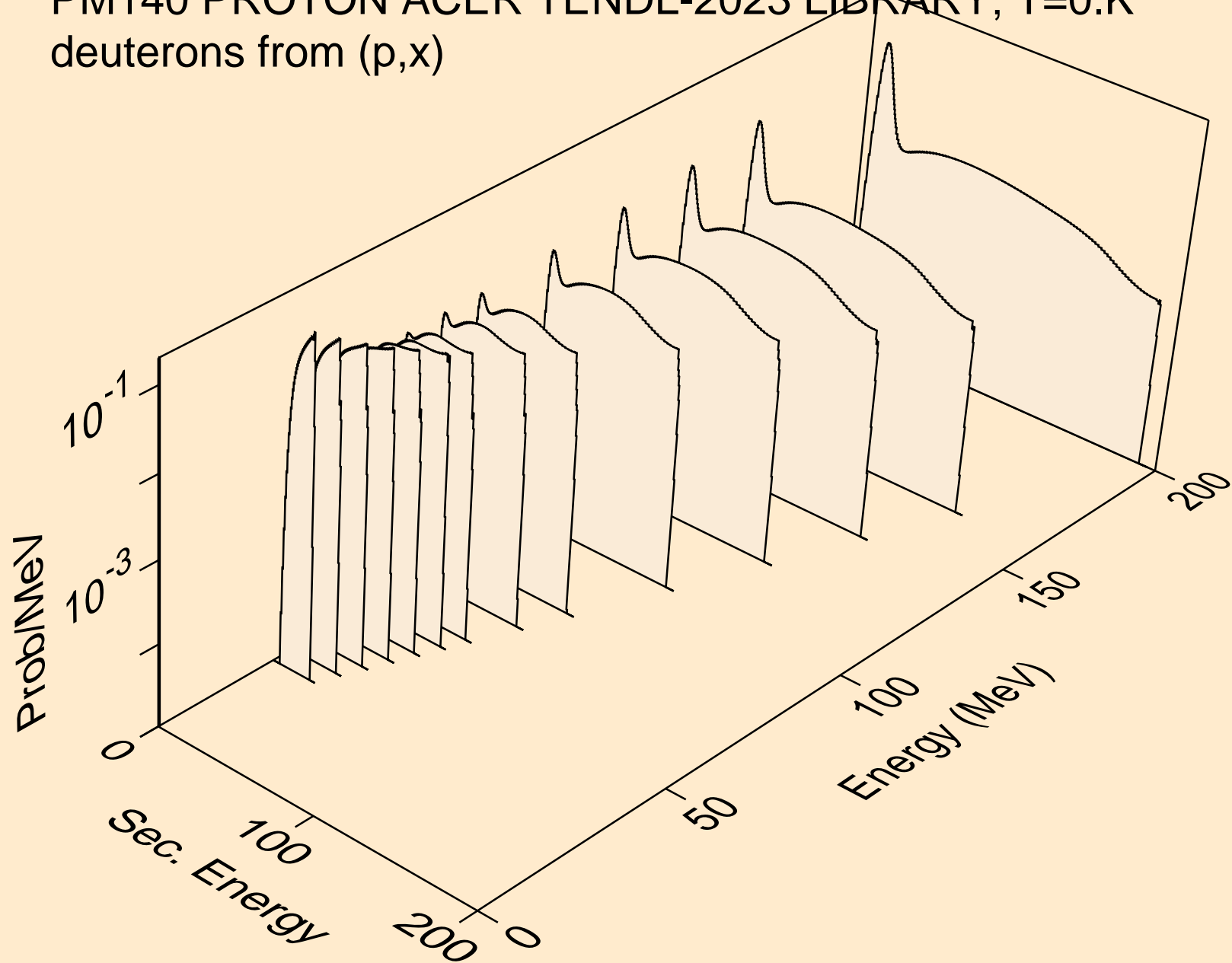
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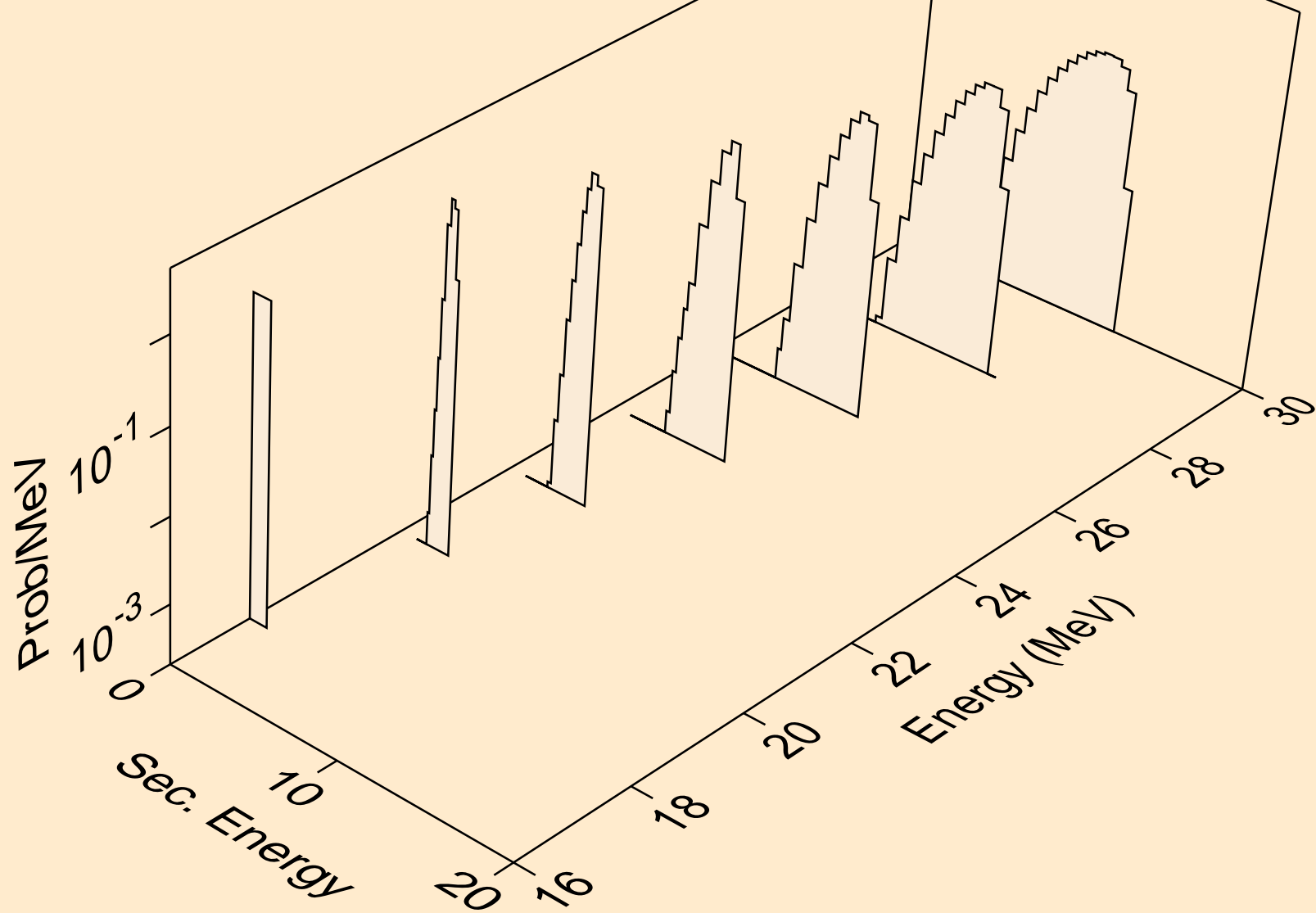
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

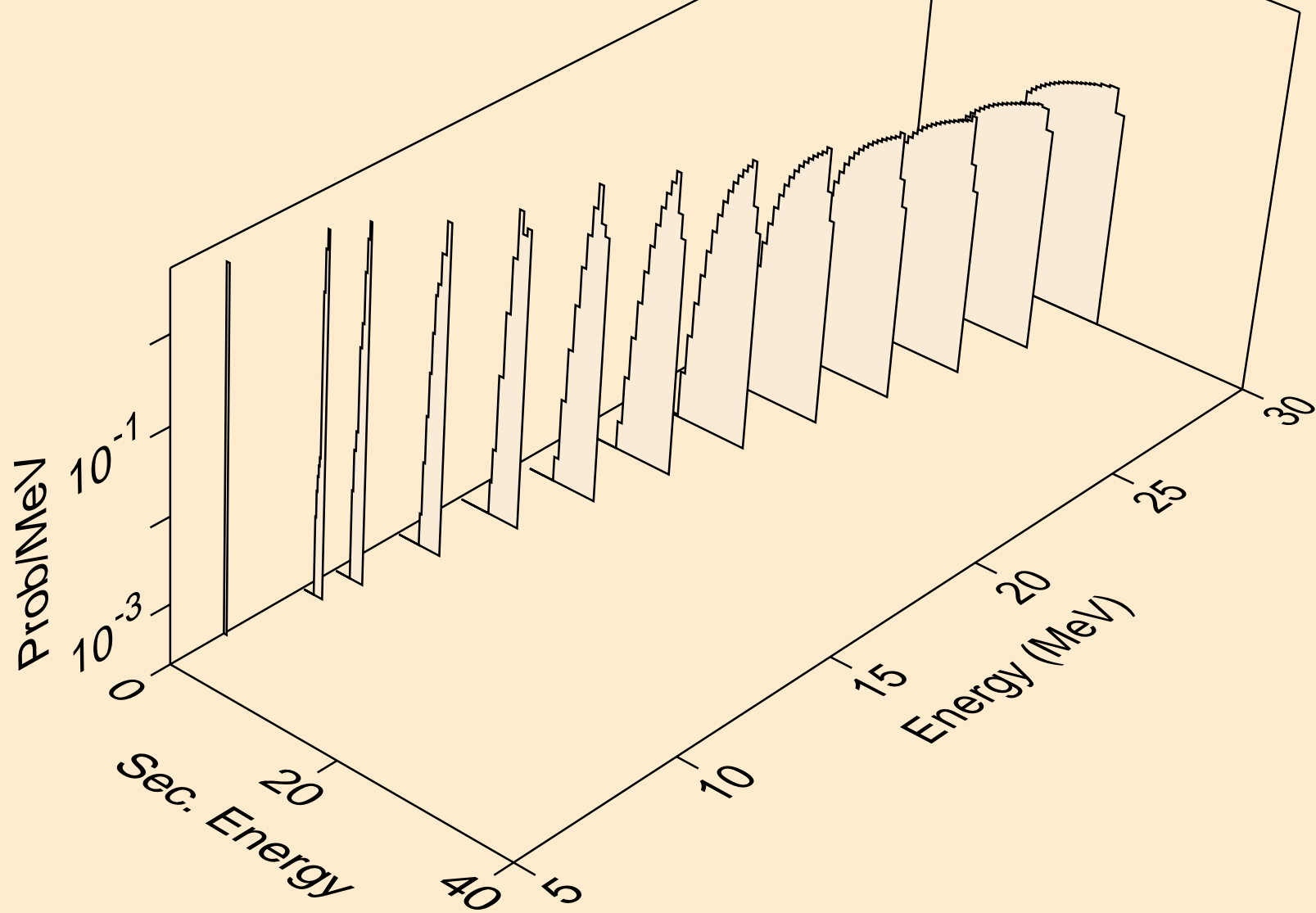


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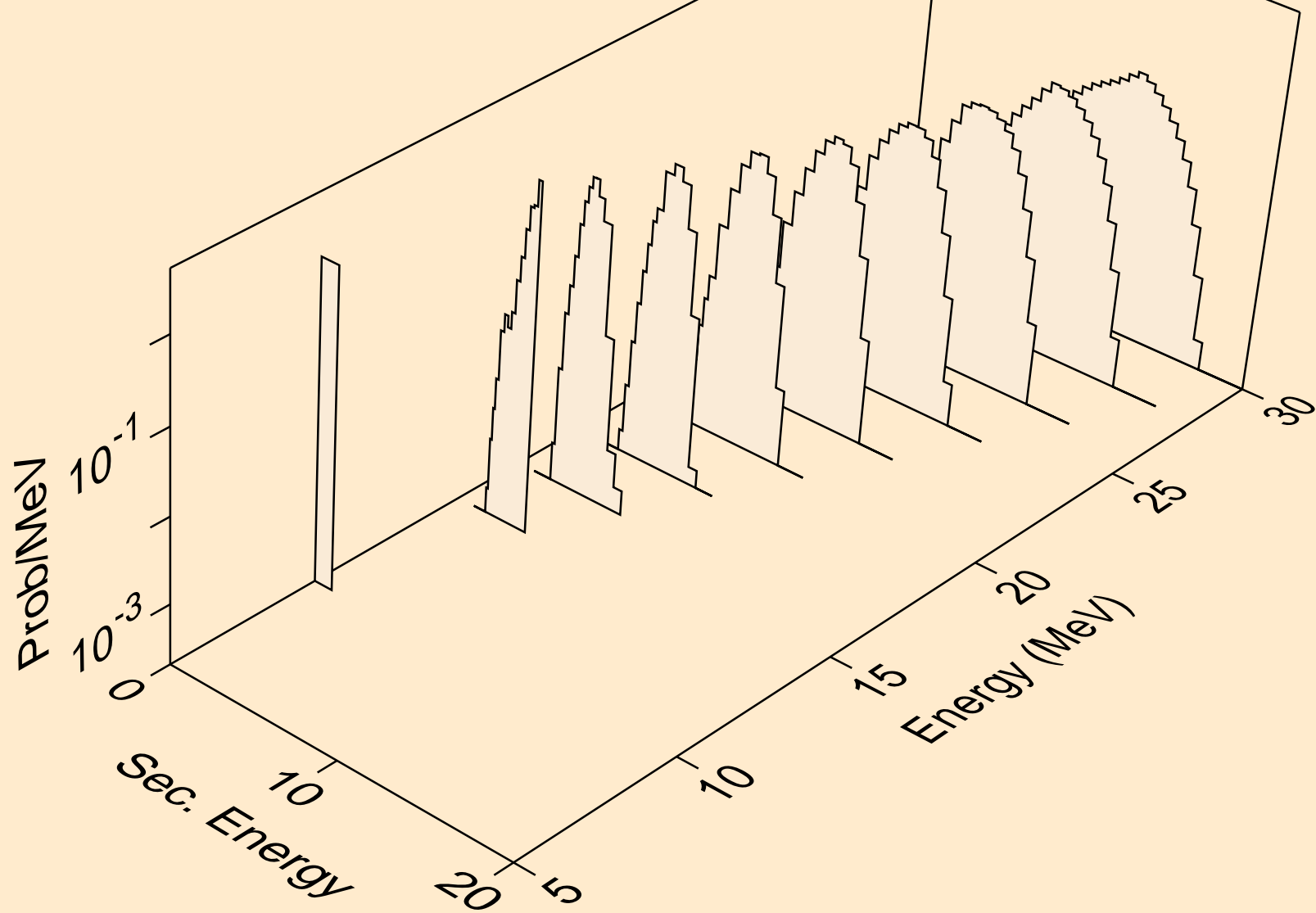




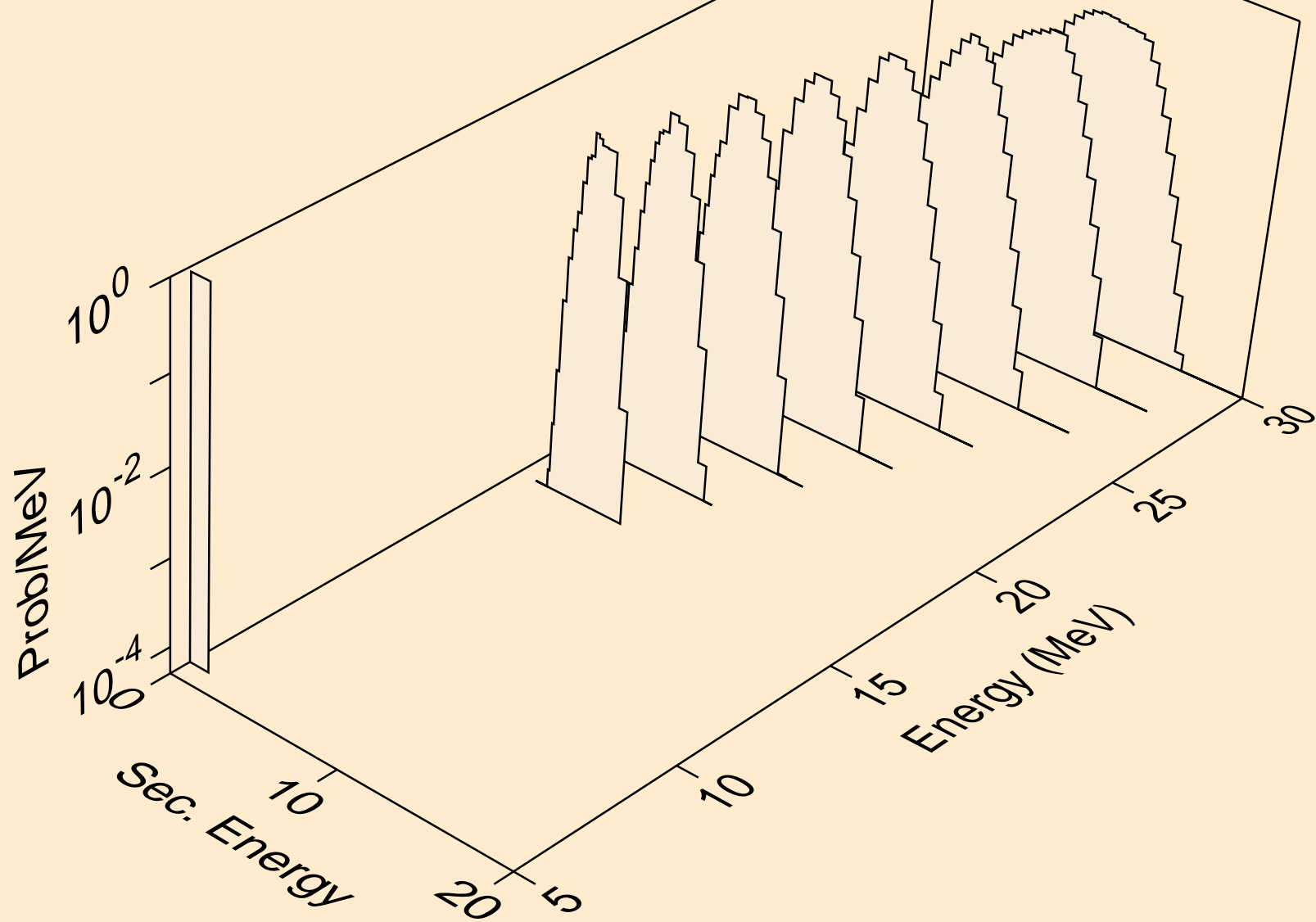
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deuterons from (p,d)



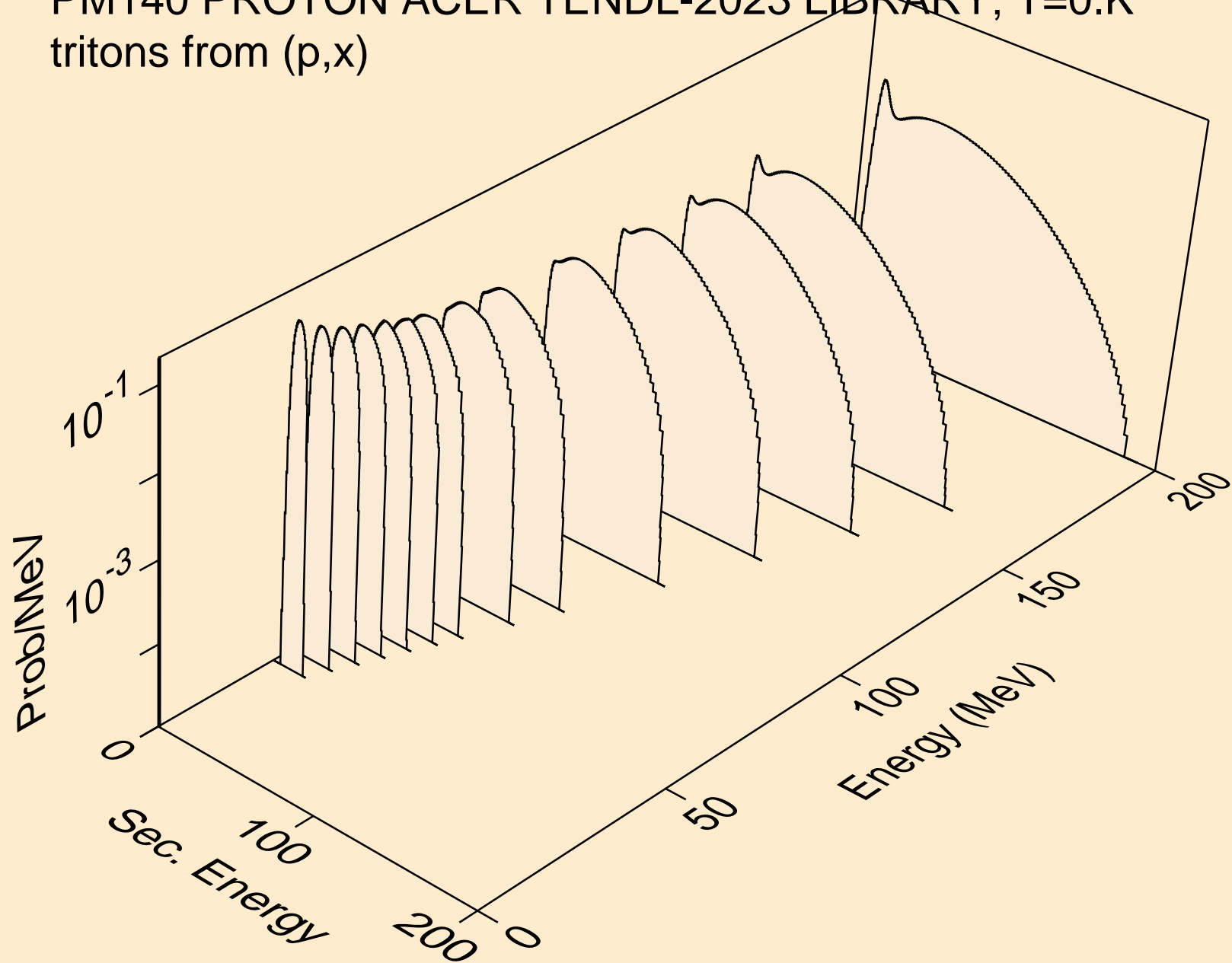
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deuterons from (p,pd)



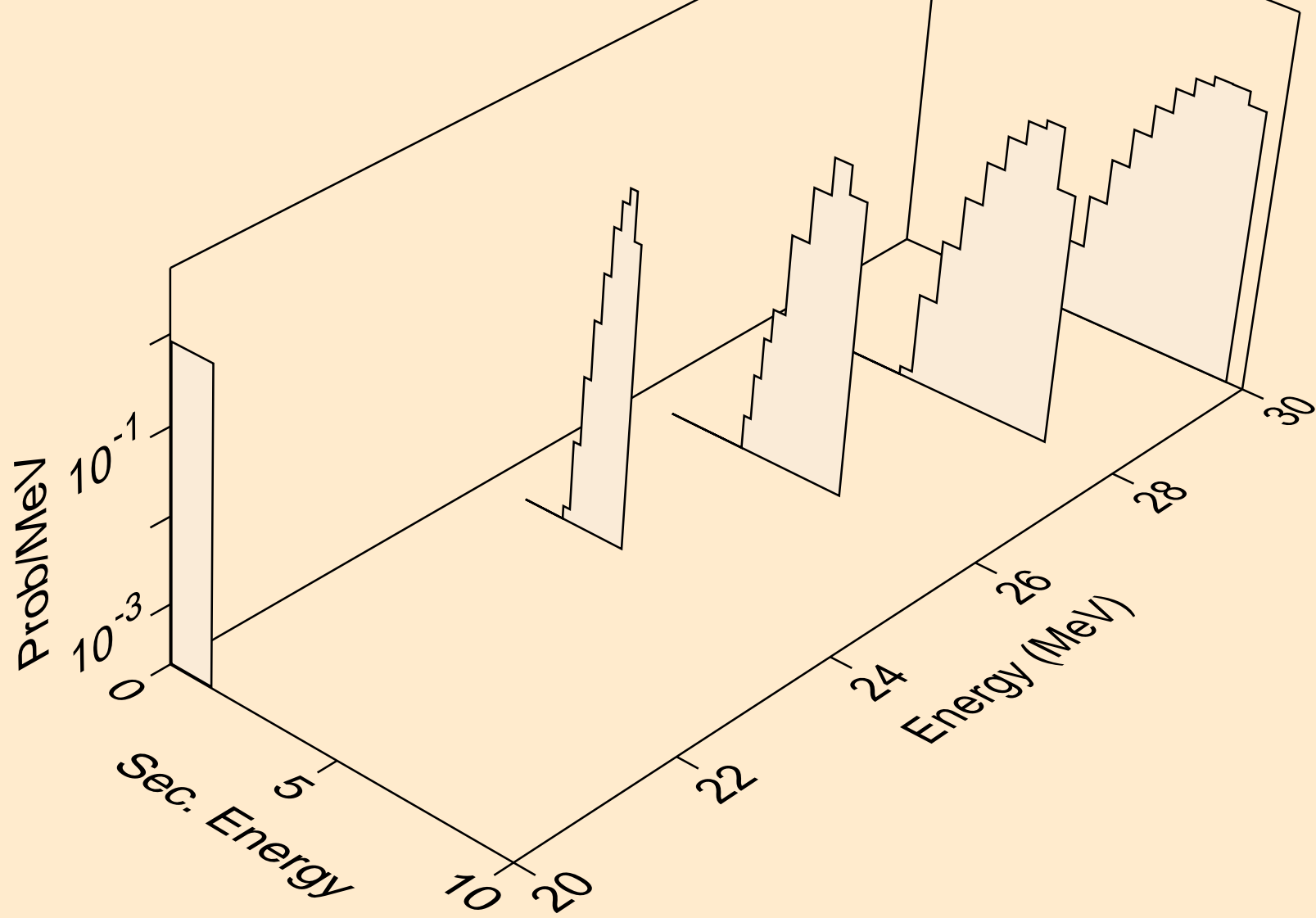
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deuterons from (p,da)



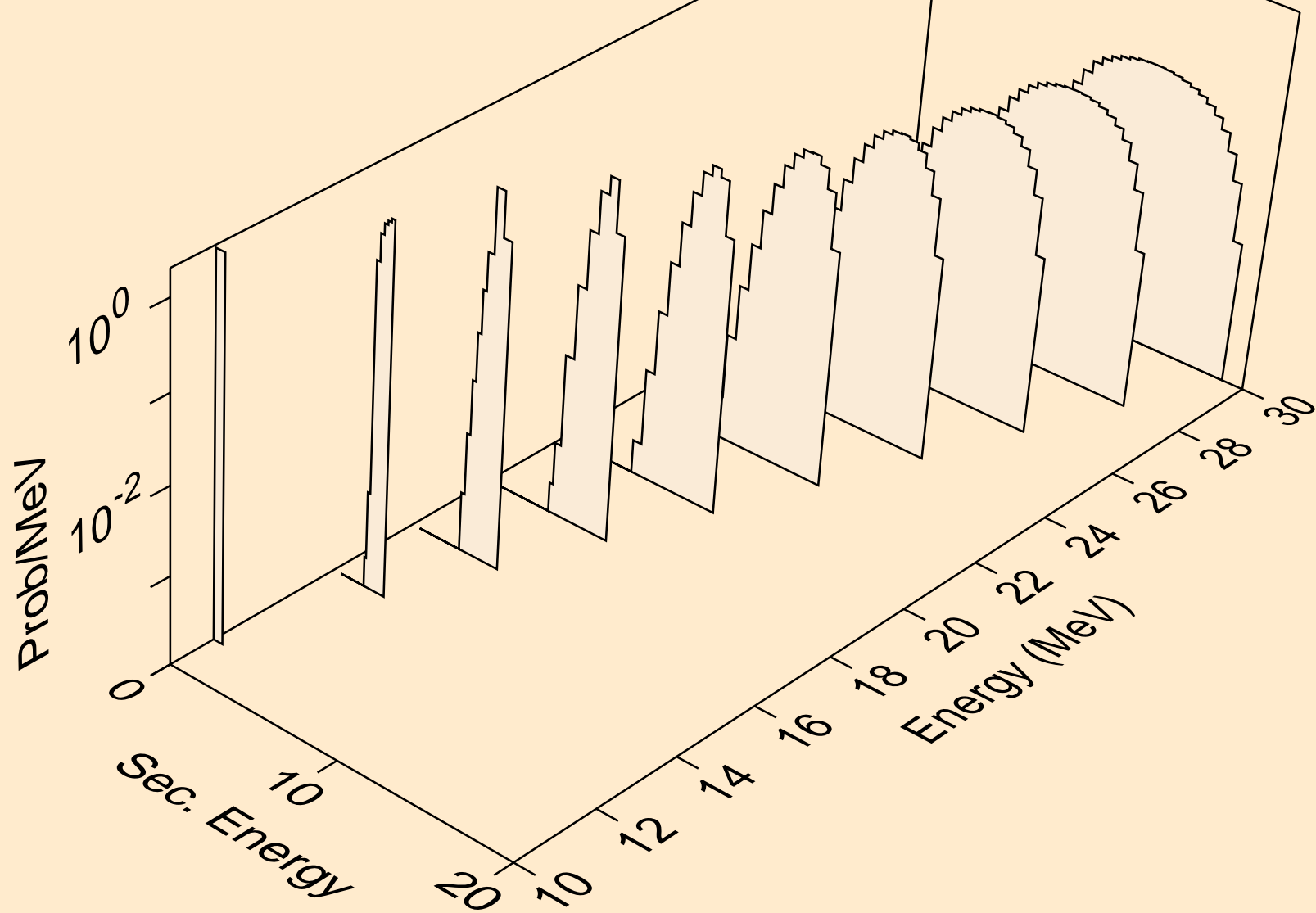
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



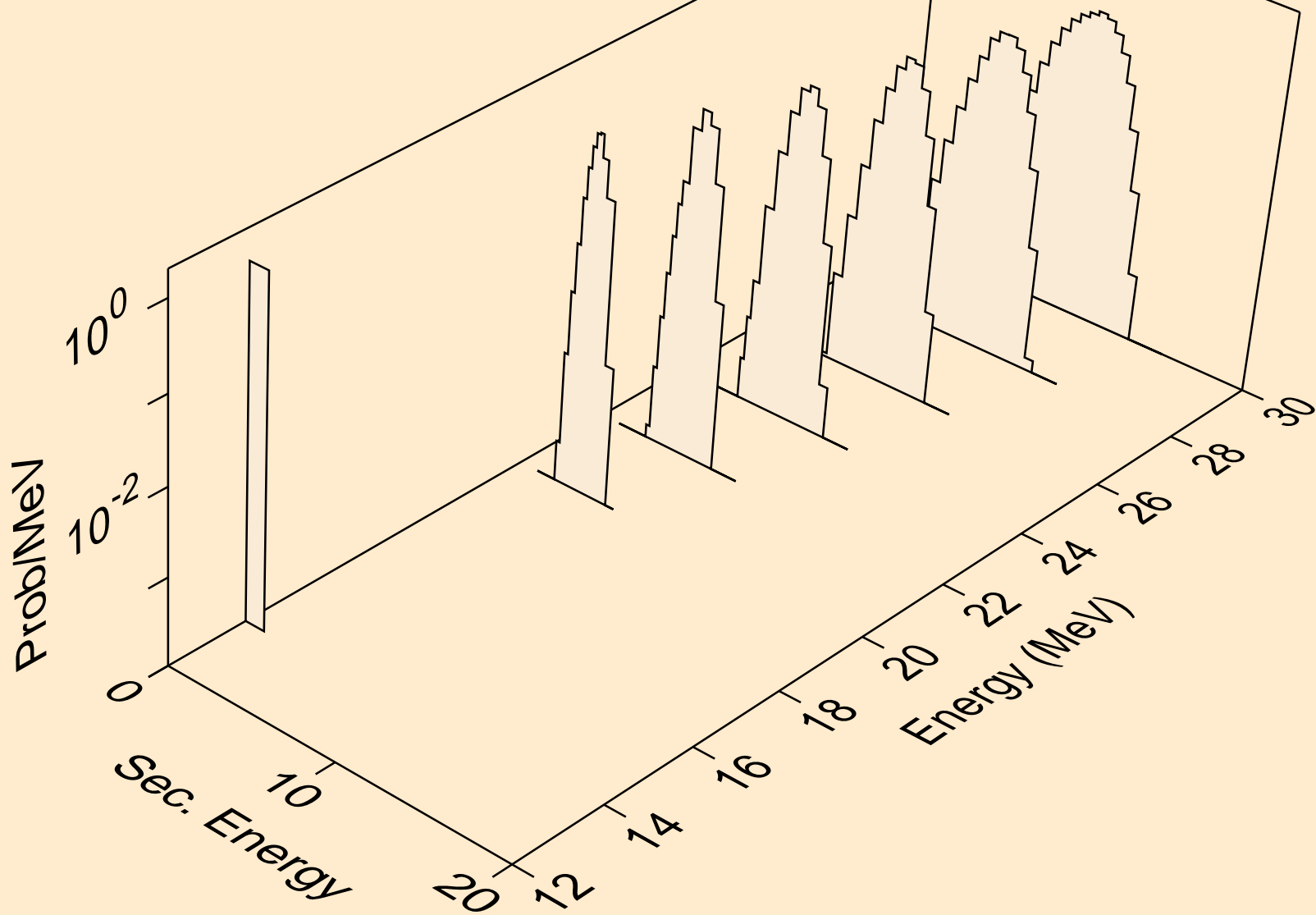
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



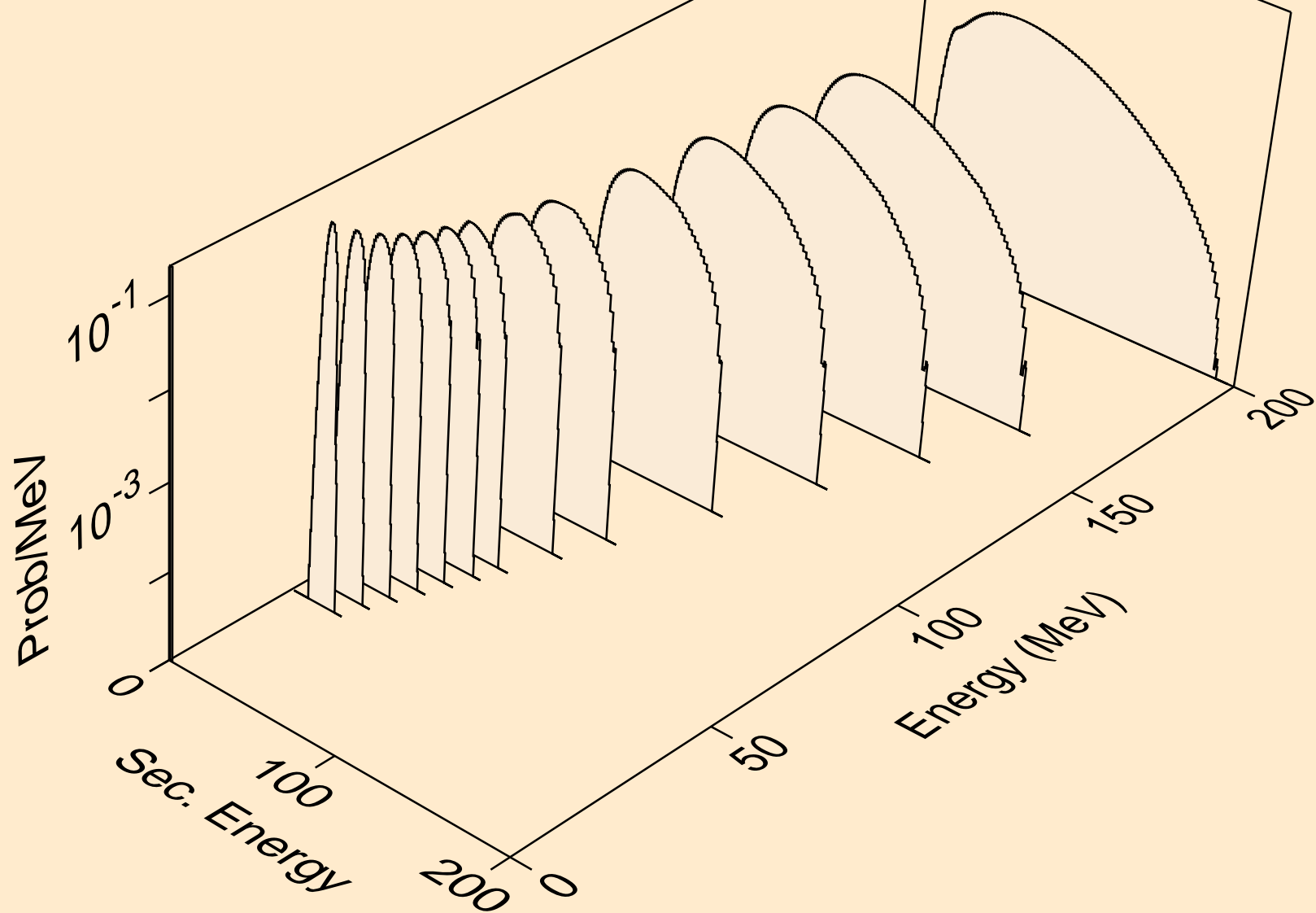
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

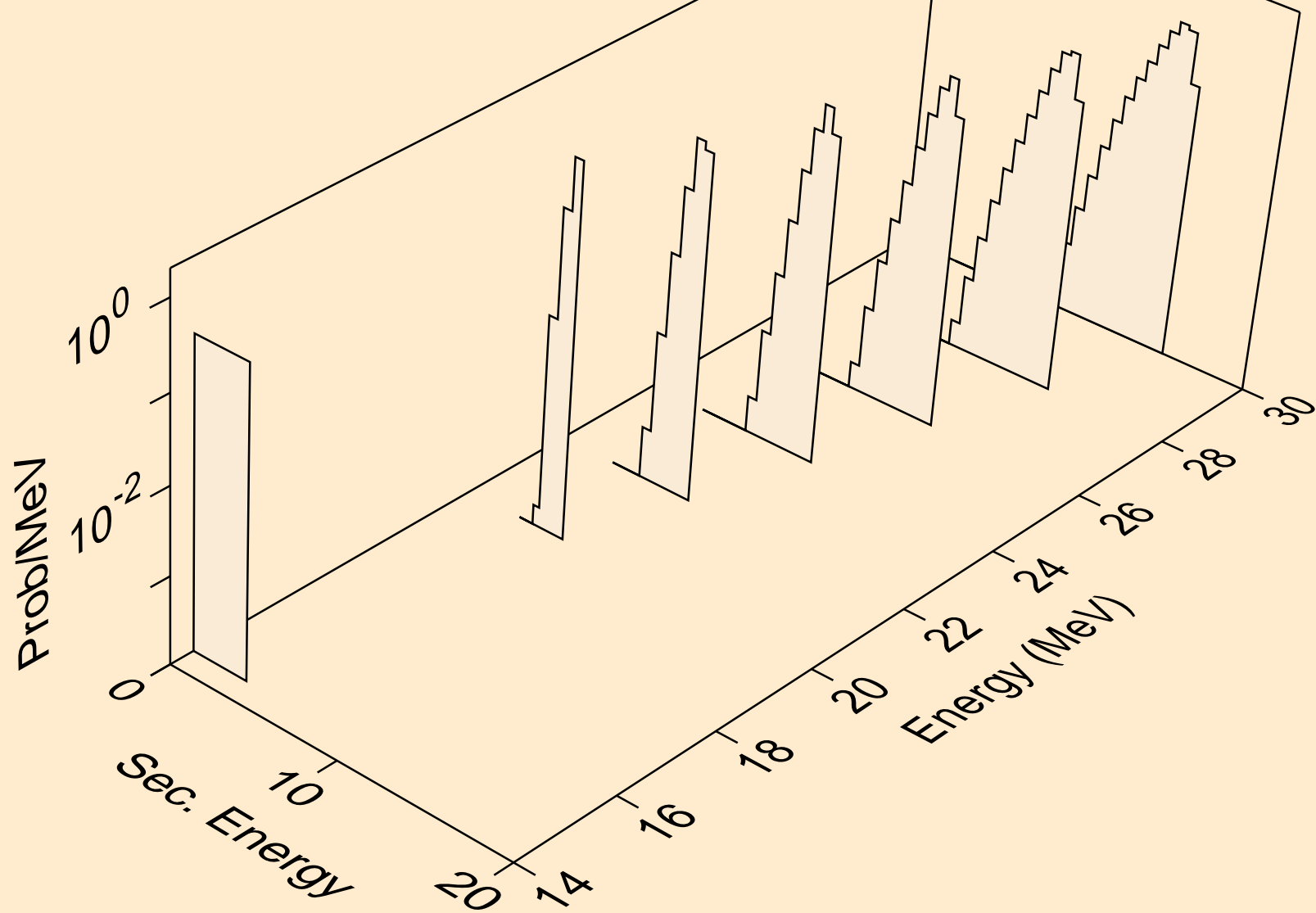


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

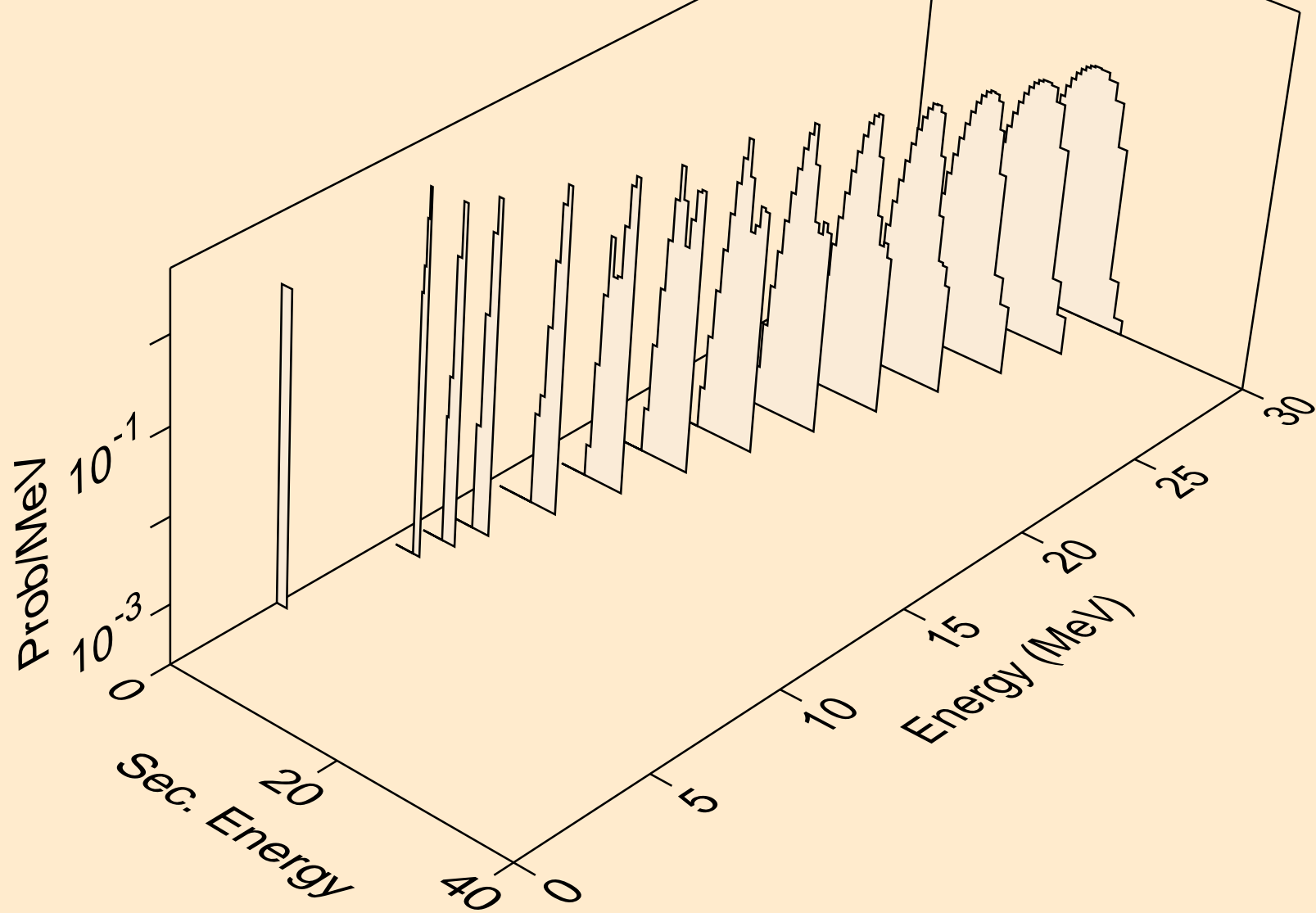




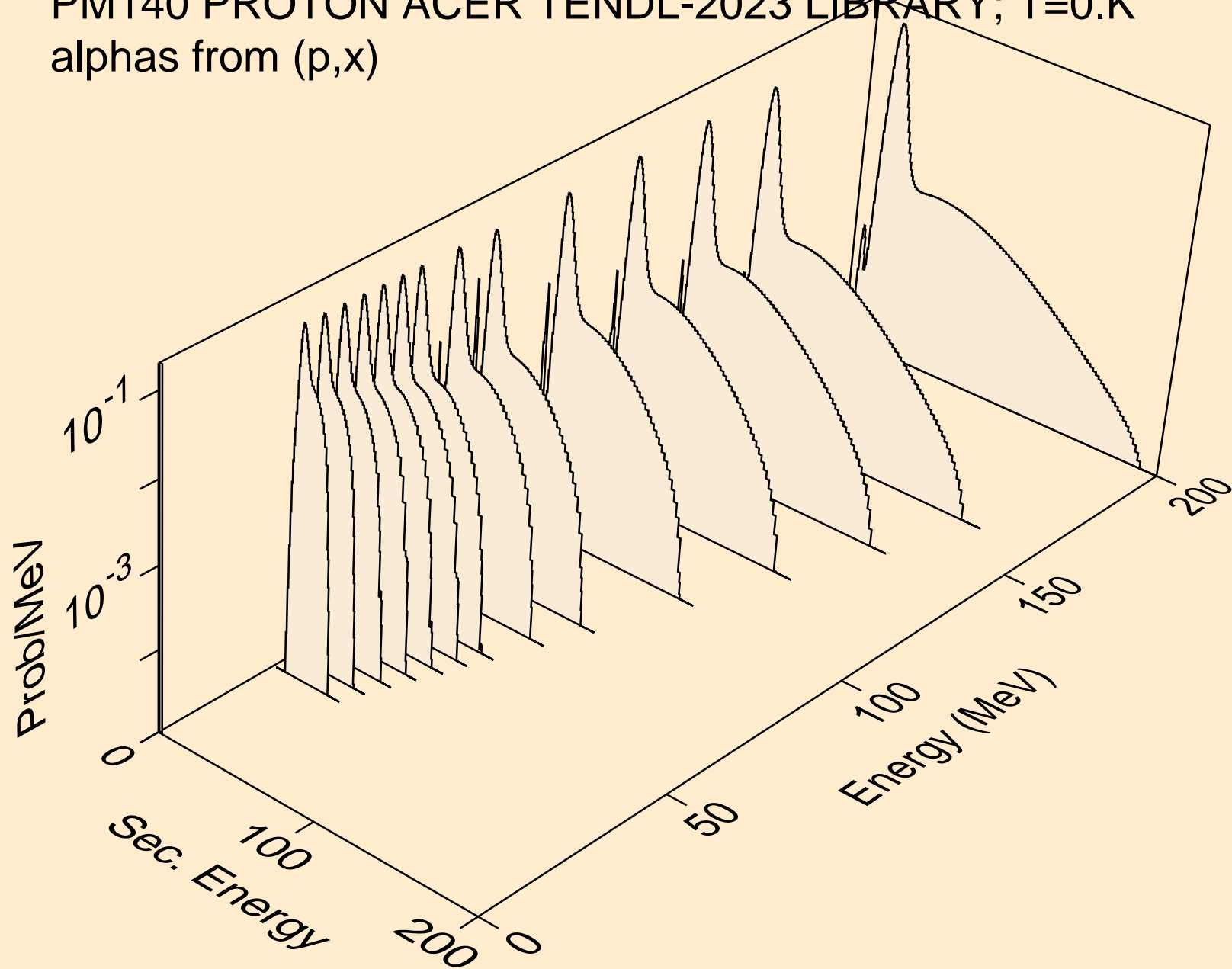
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



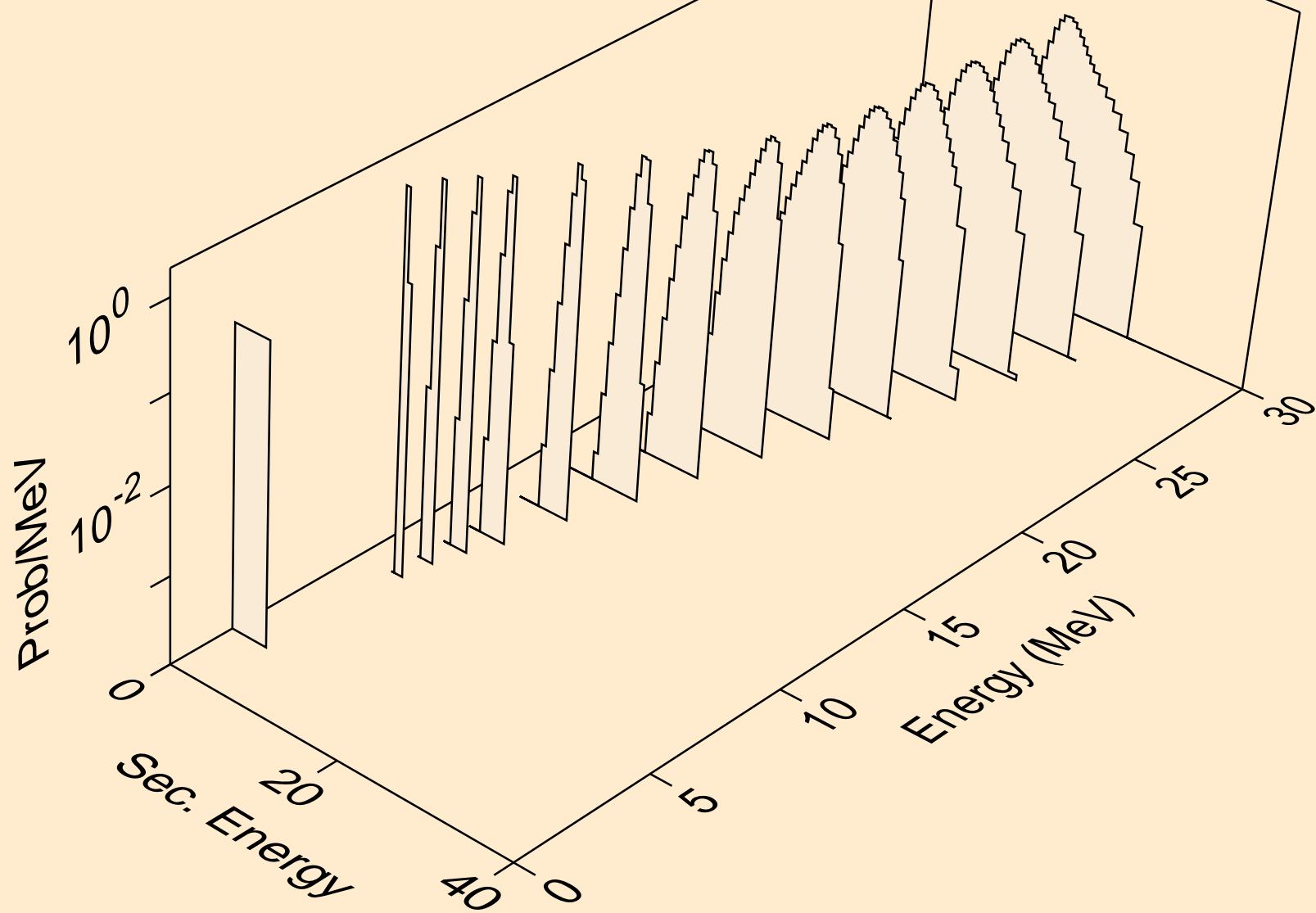
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



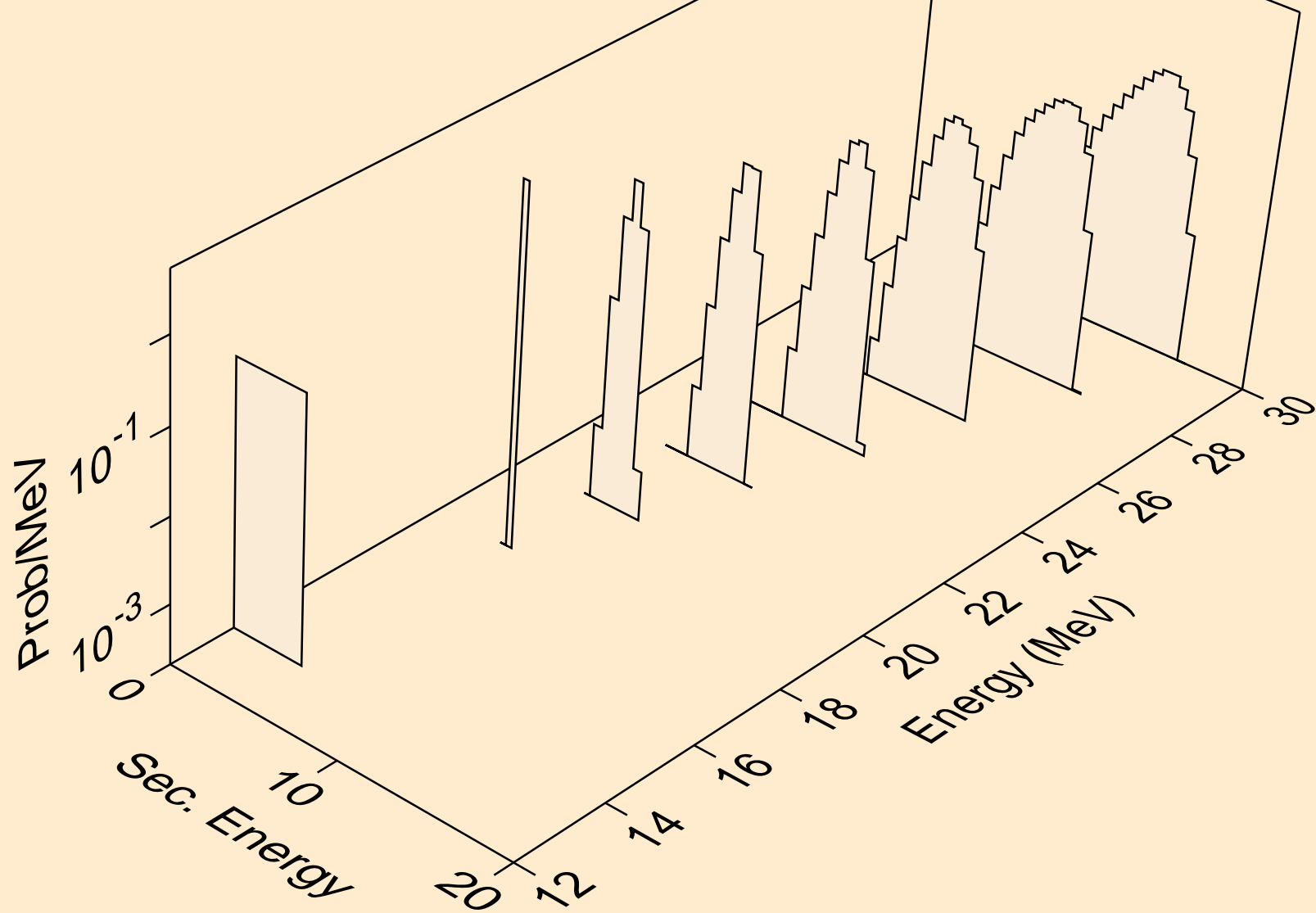
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



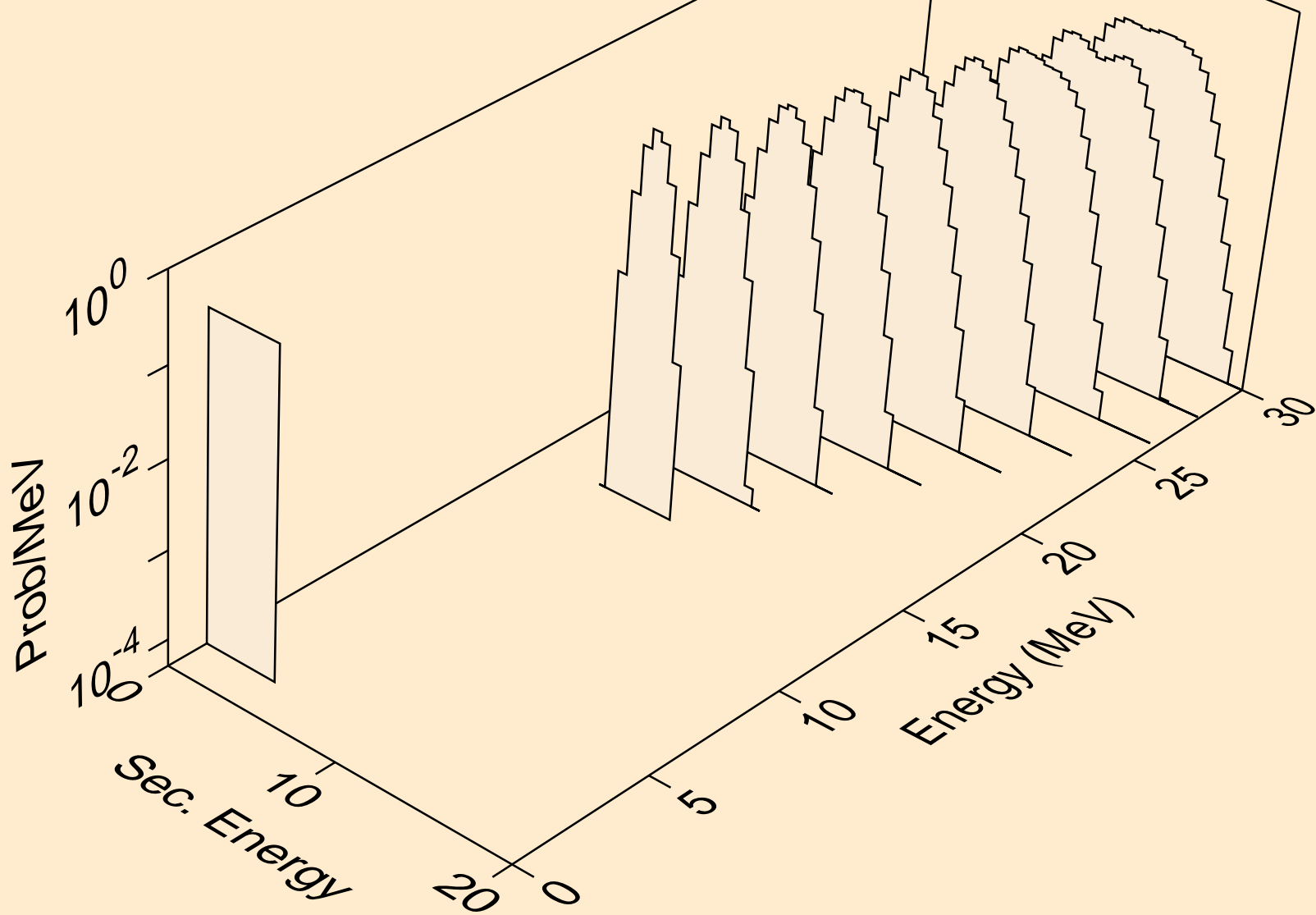
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



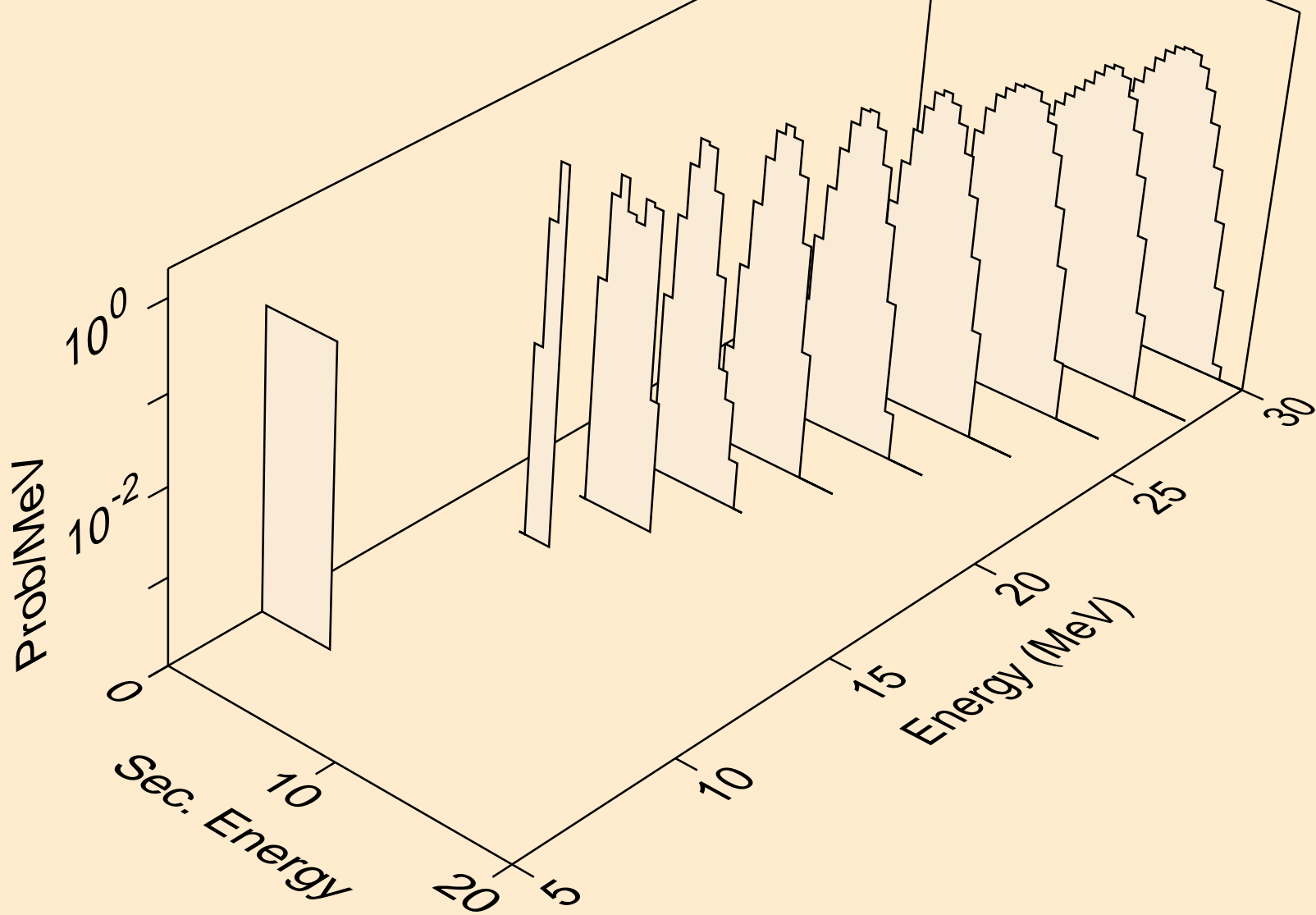
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



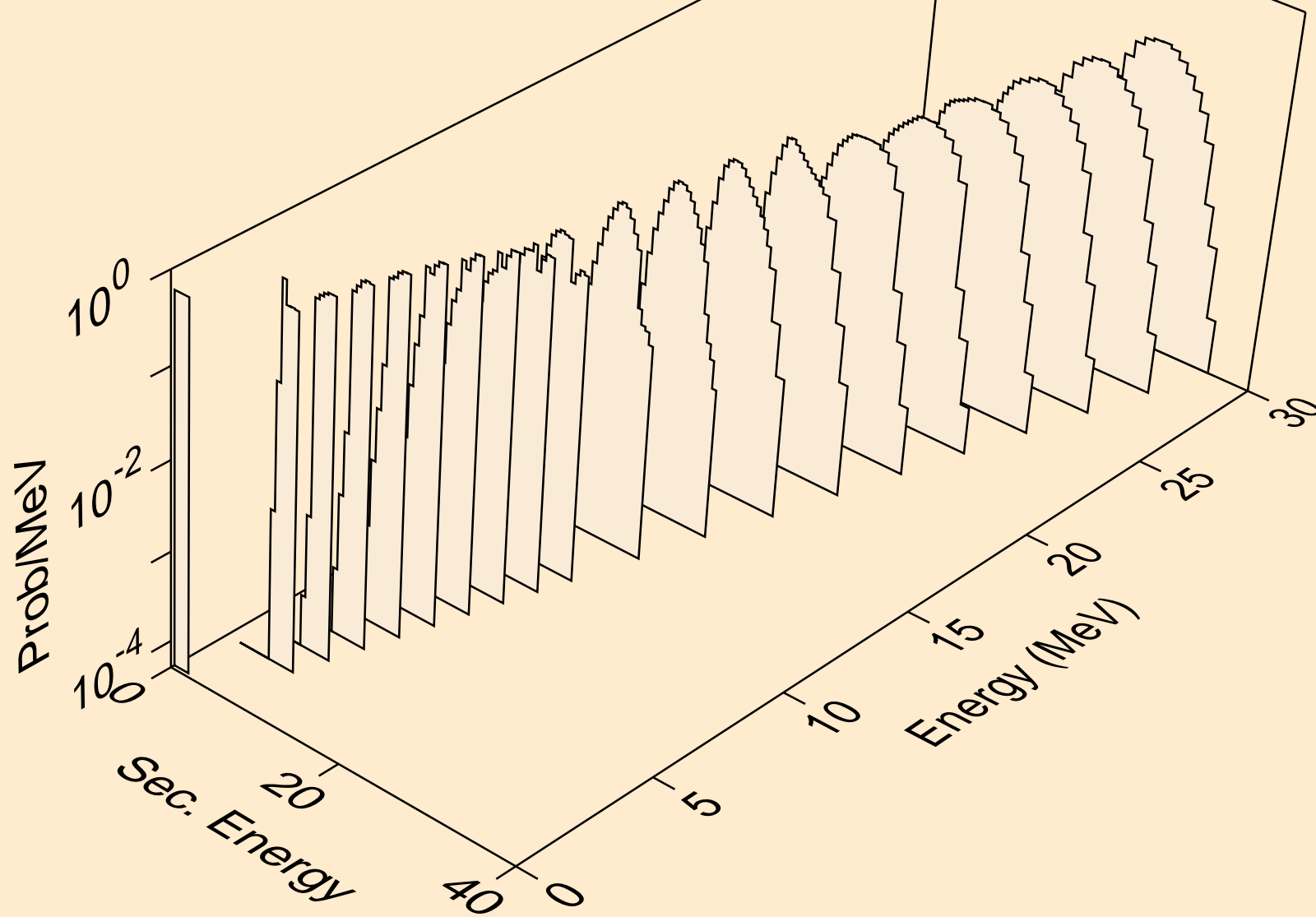
PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

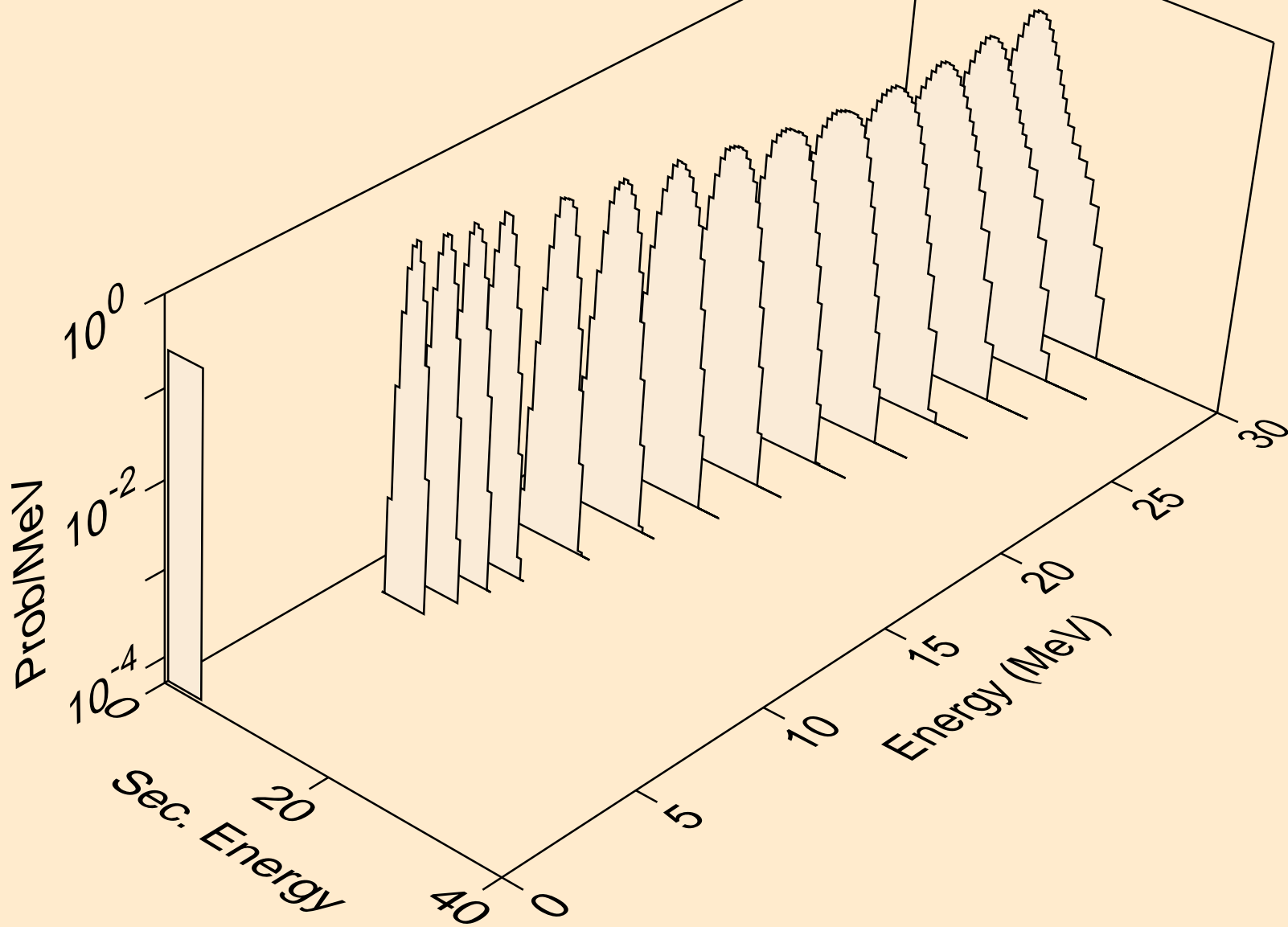


PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

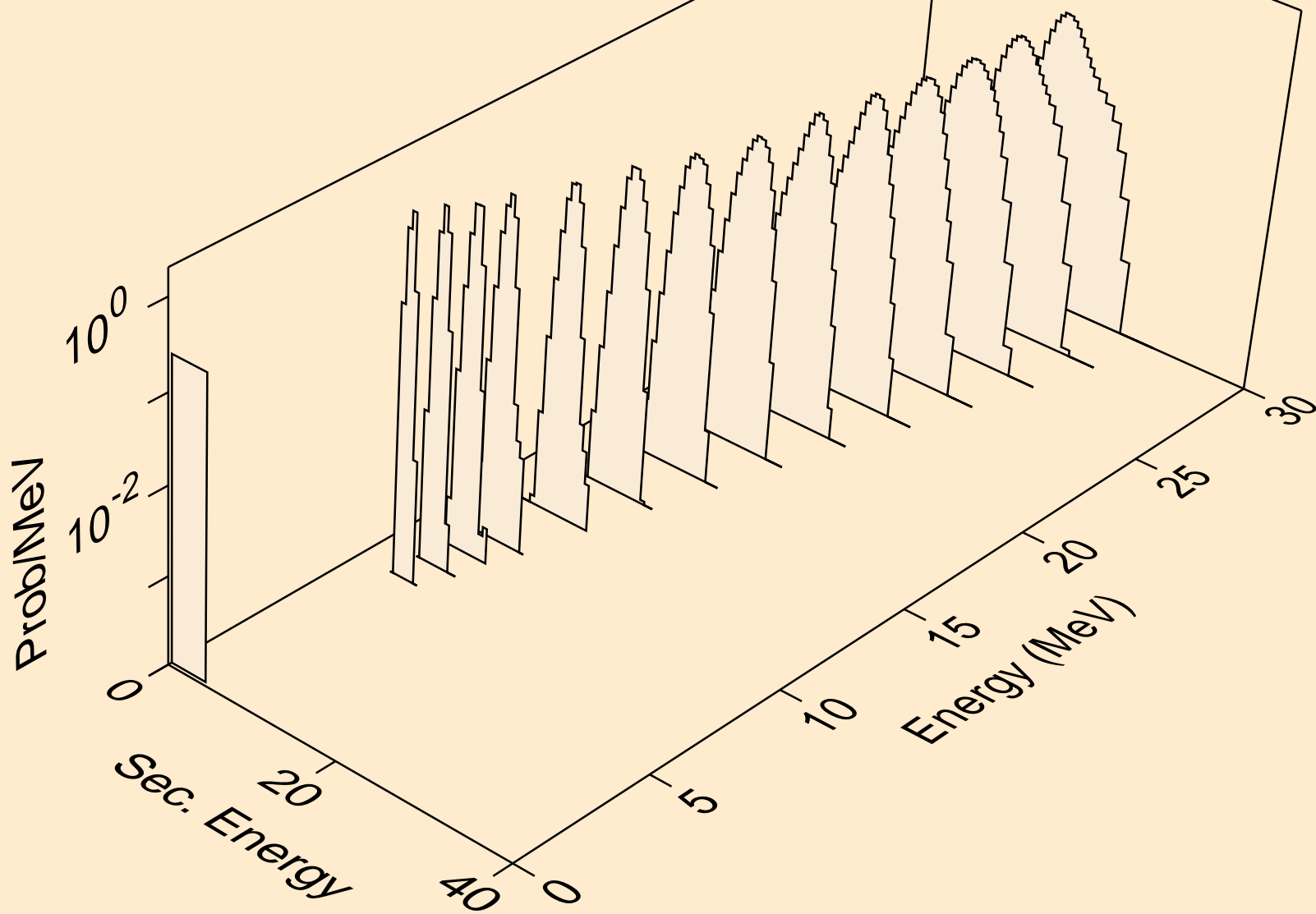




PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



PM140 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

