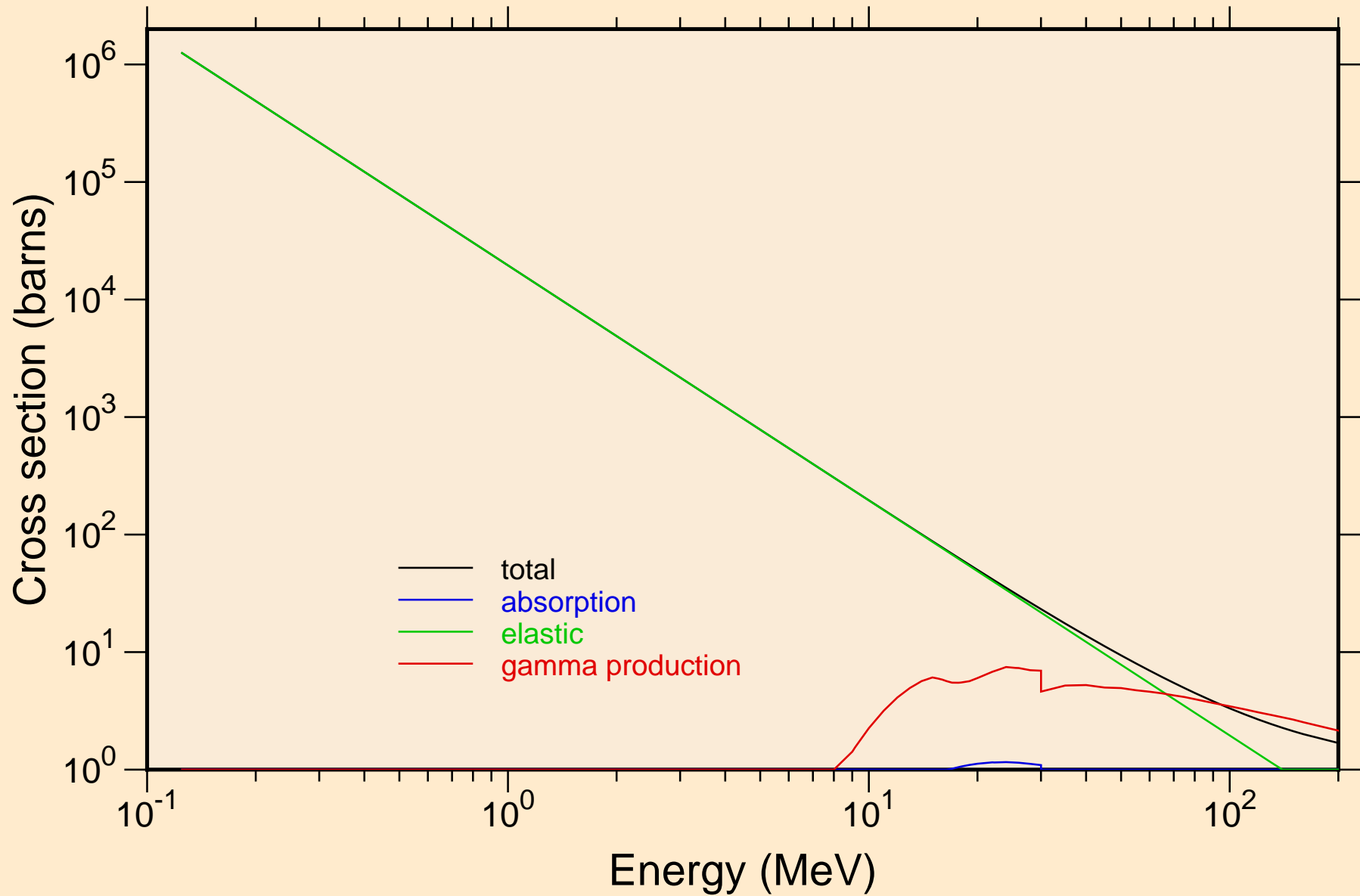
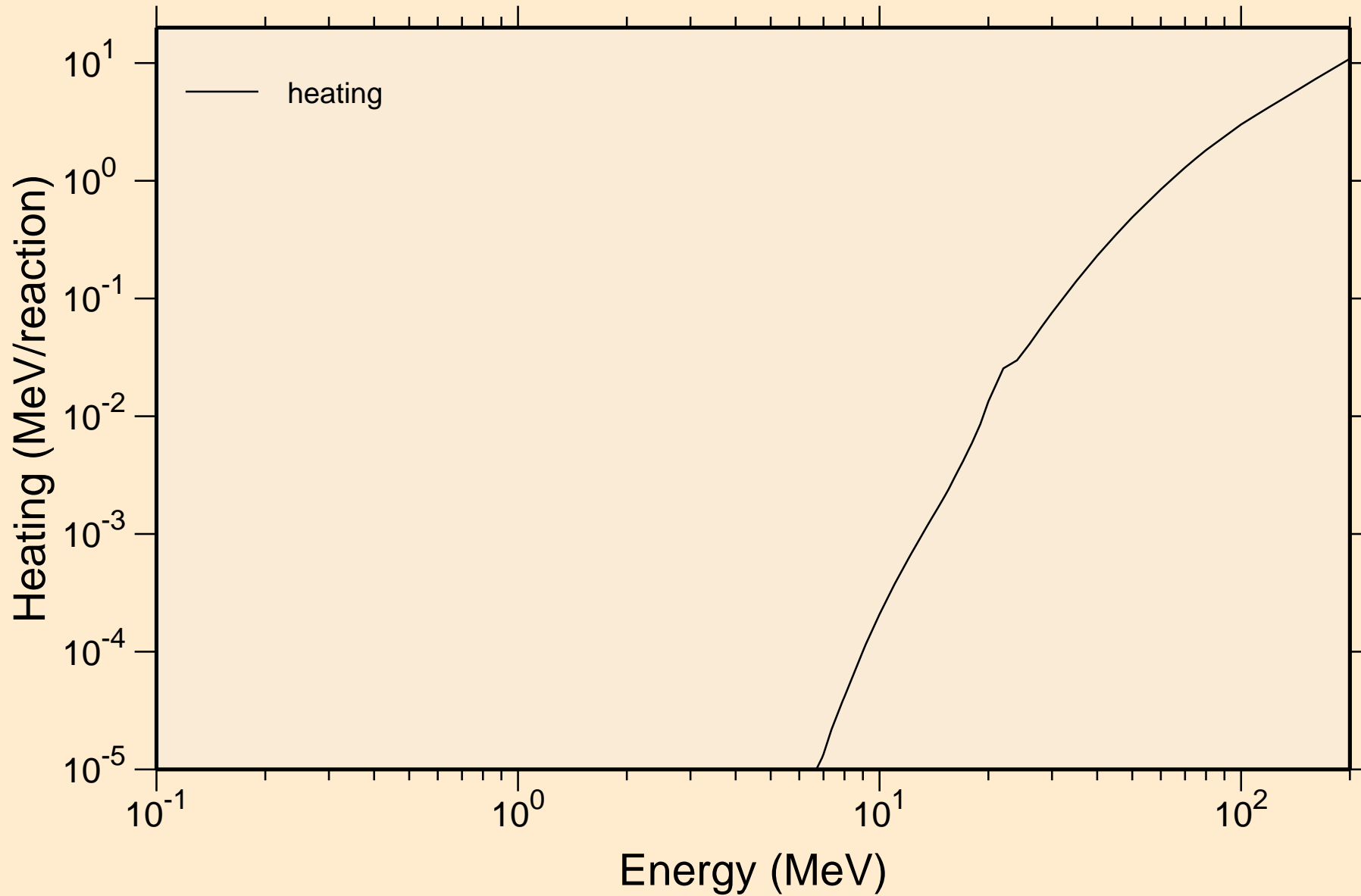


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

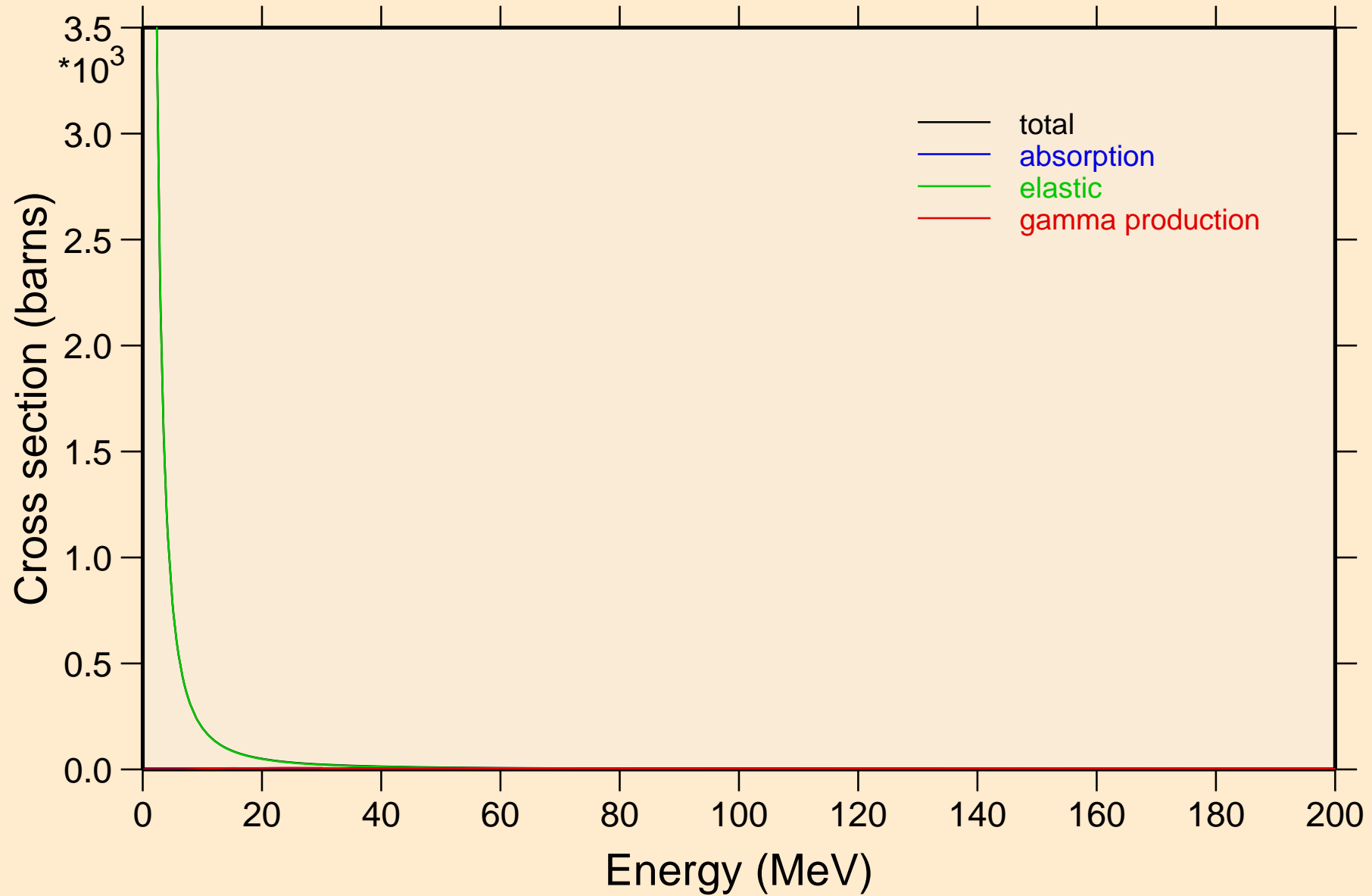


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



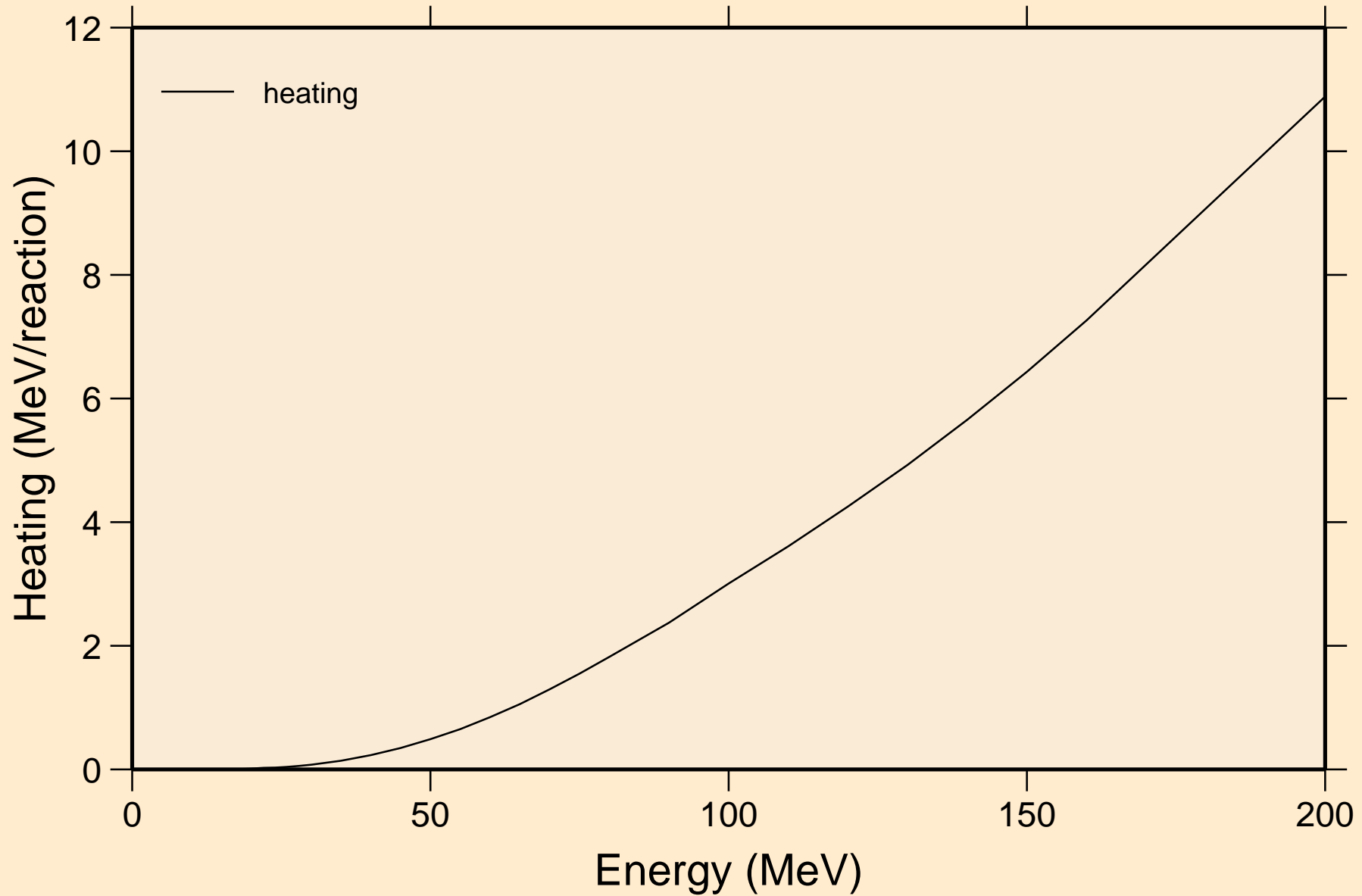
# BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

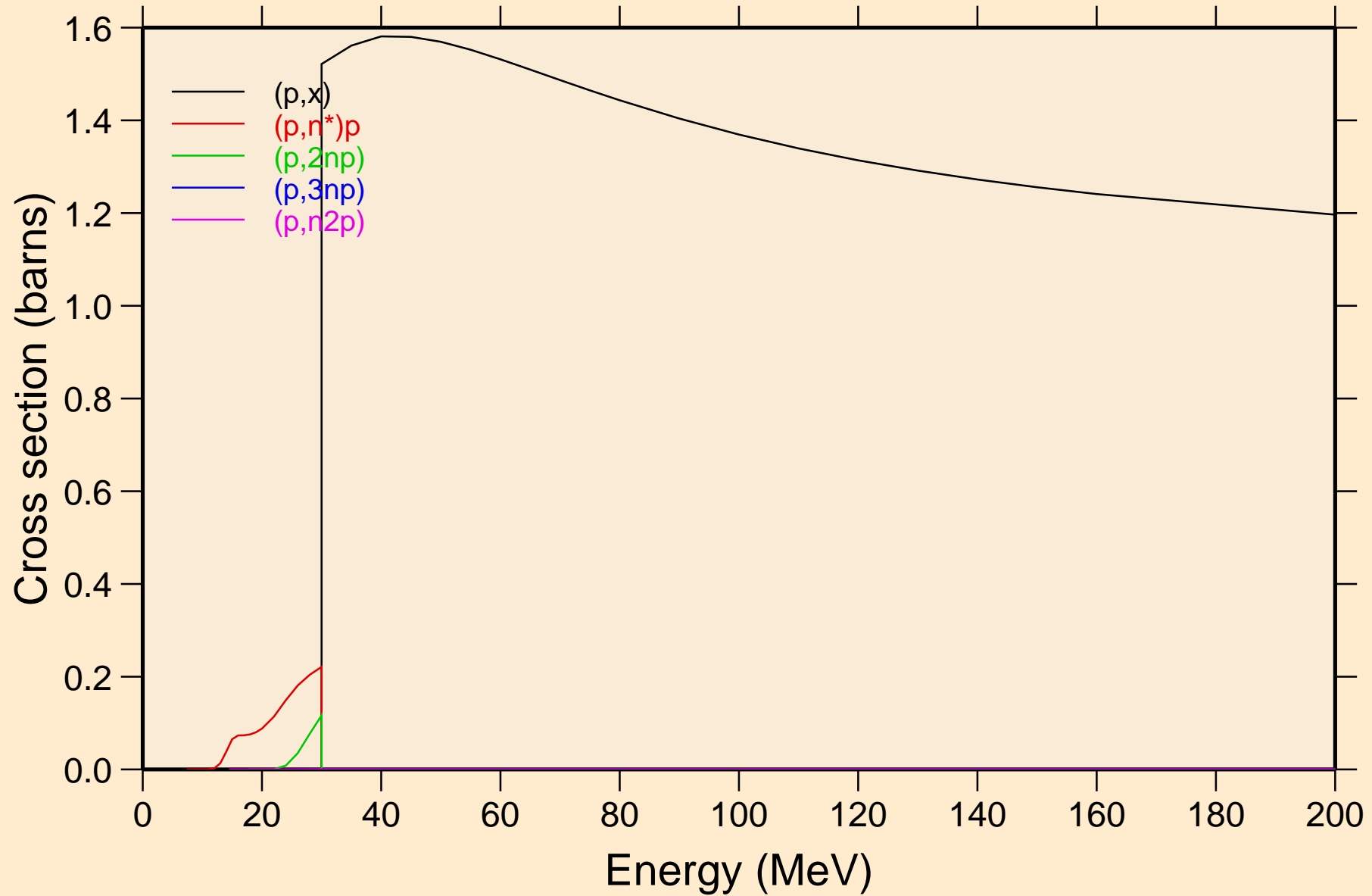


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K

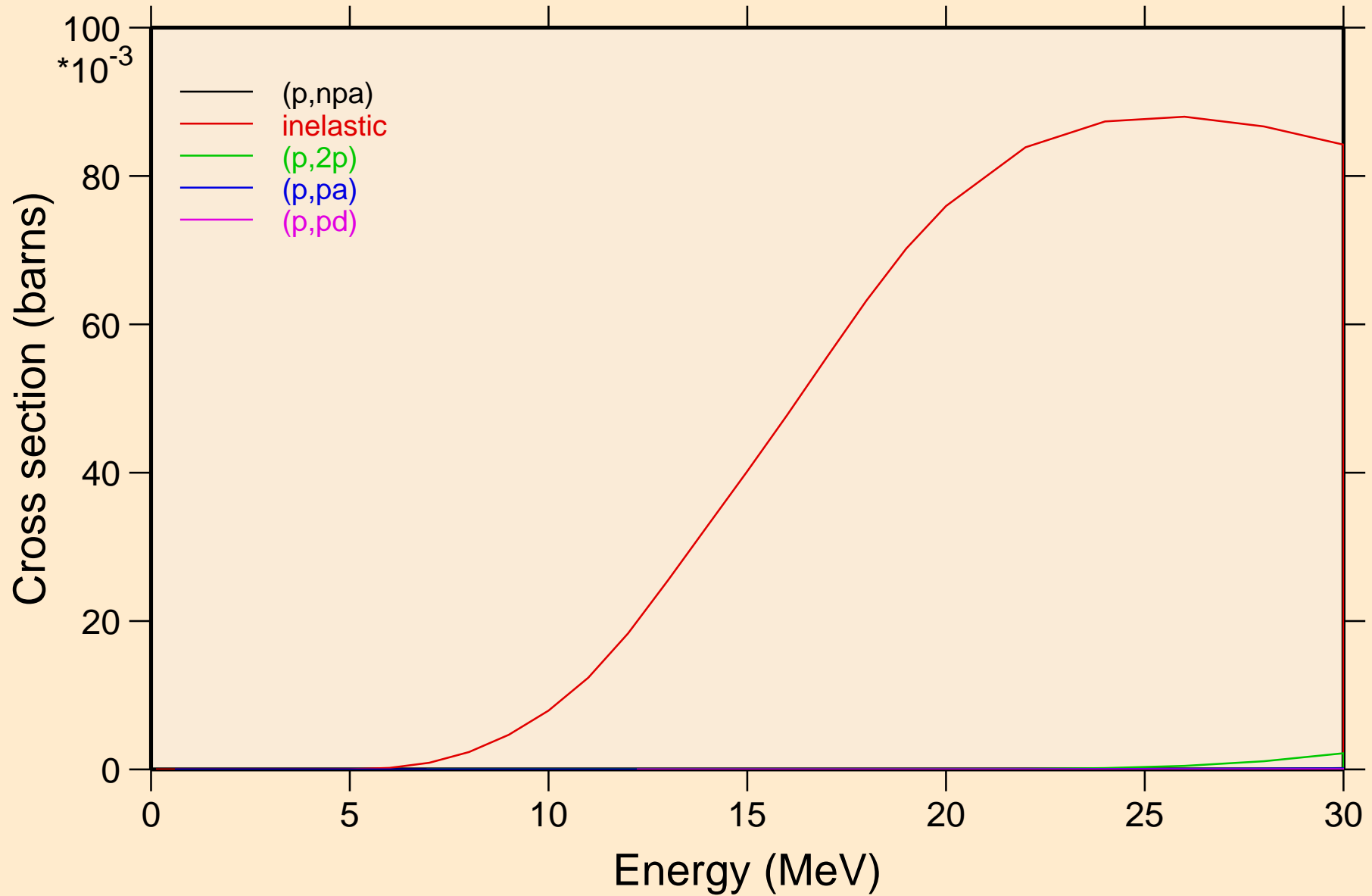
Heating



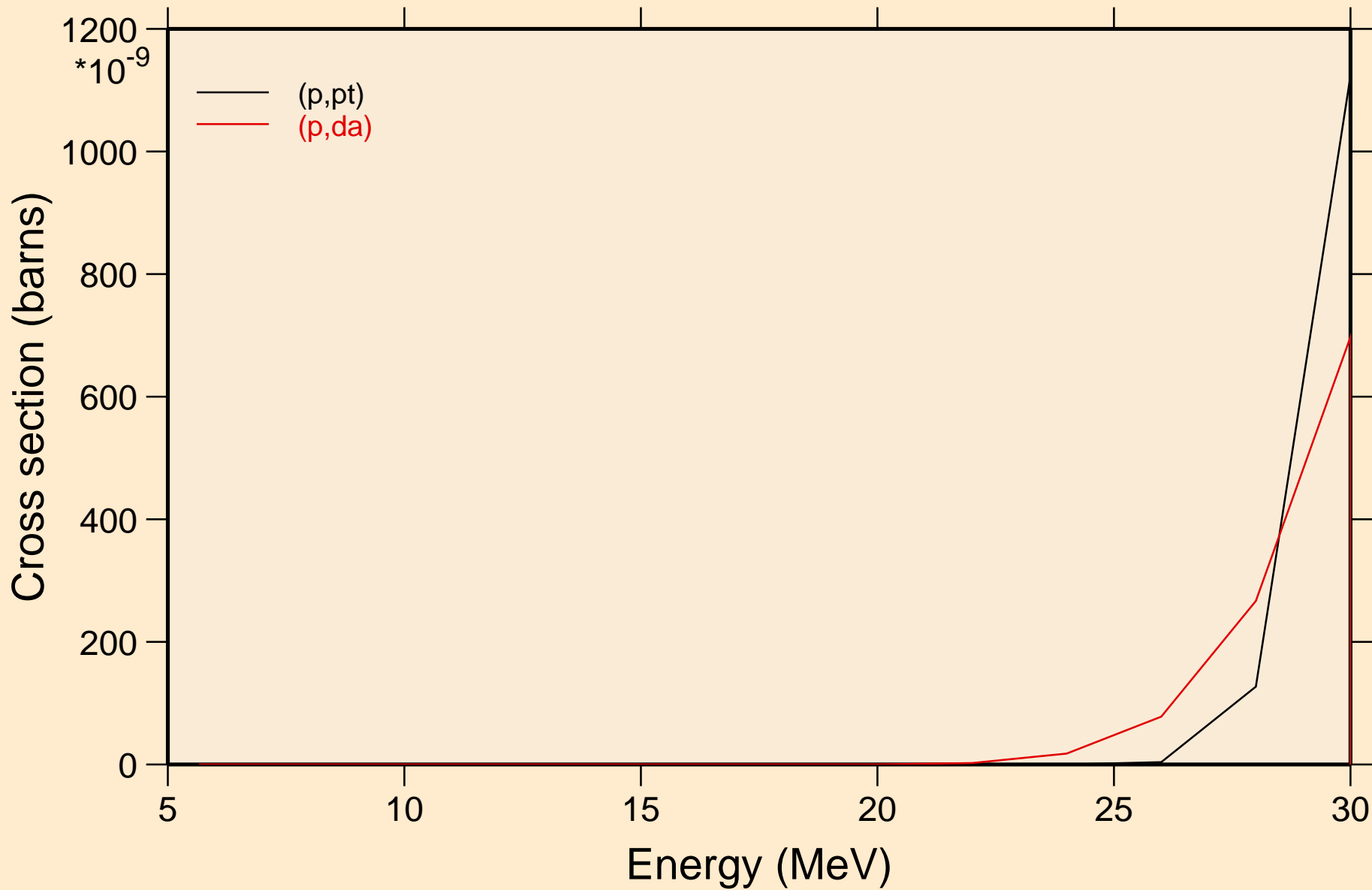
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Threshold reactions



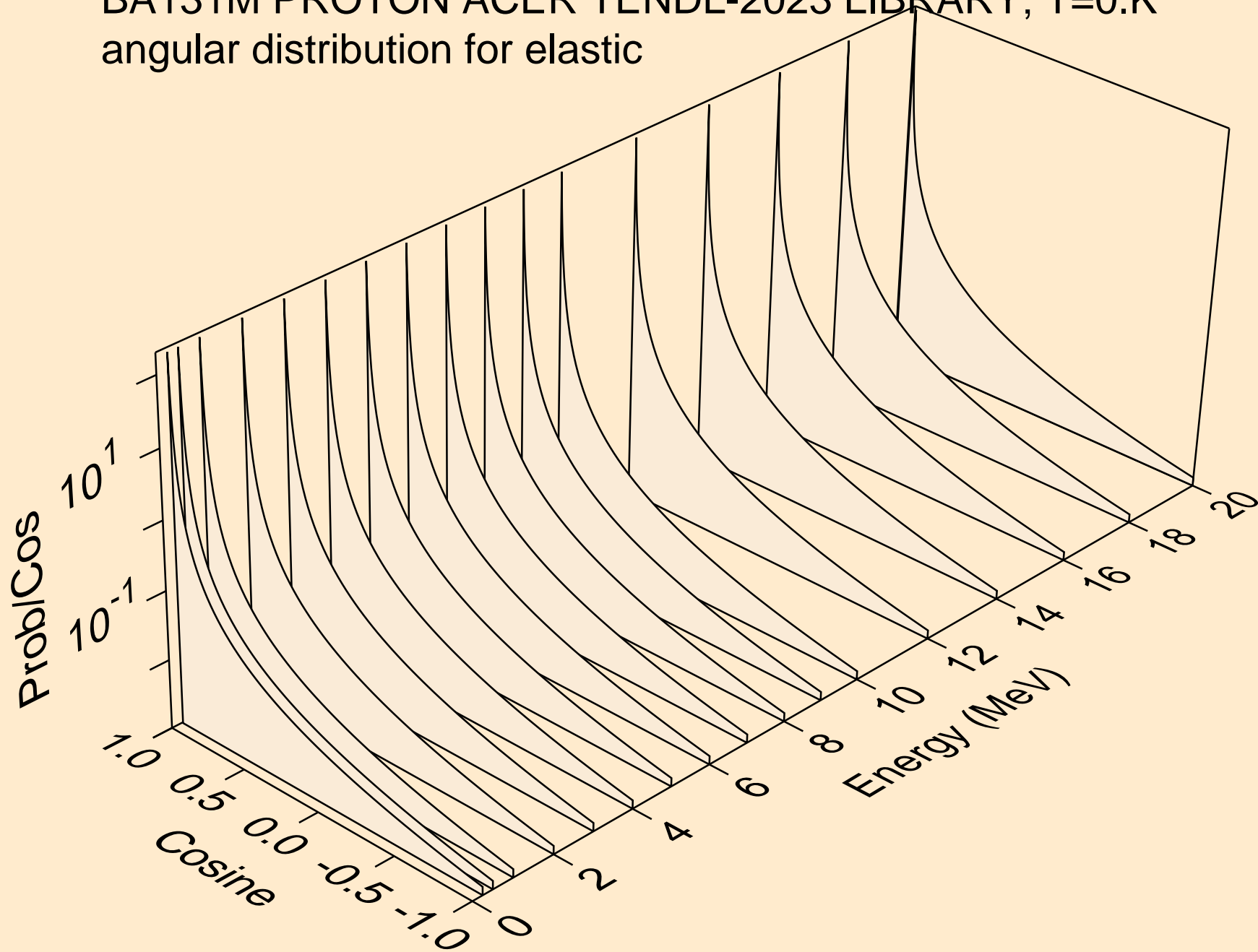
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

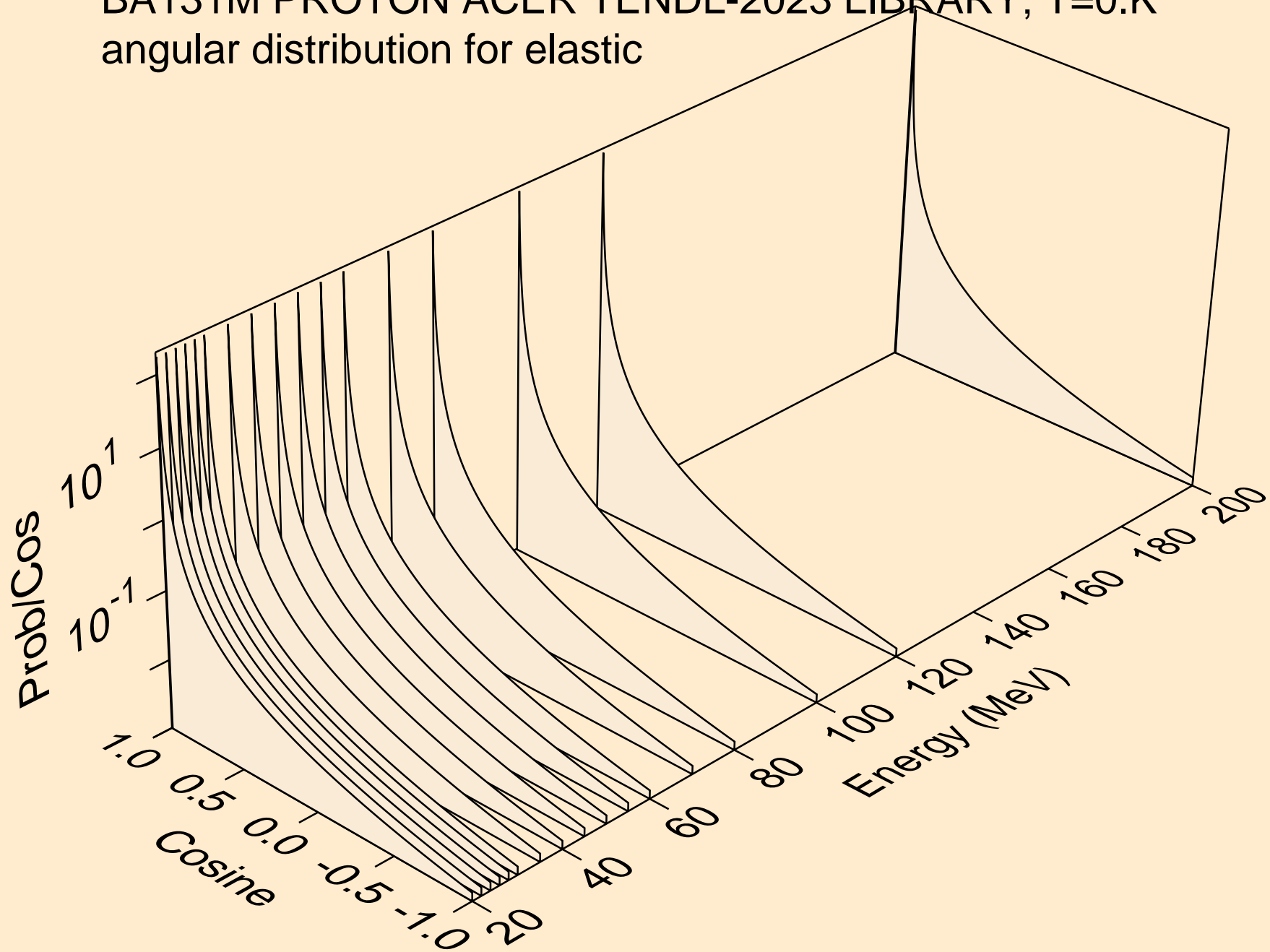


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

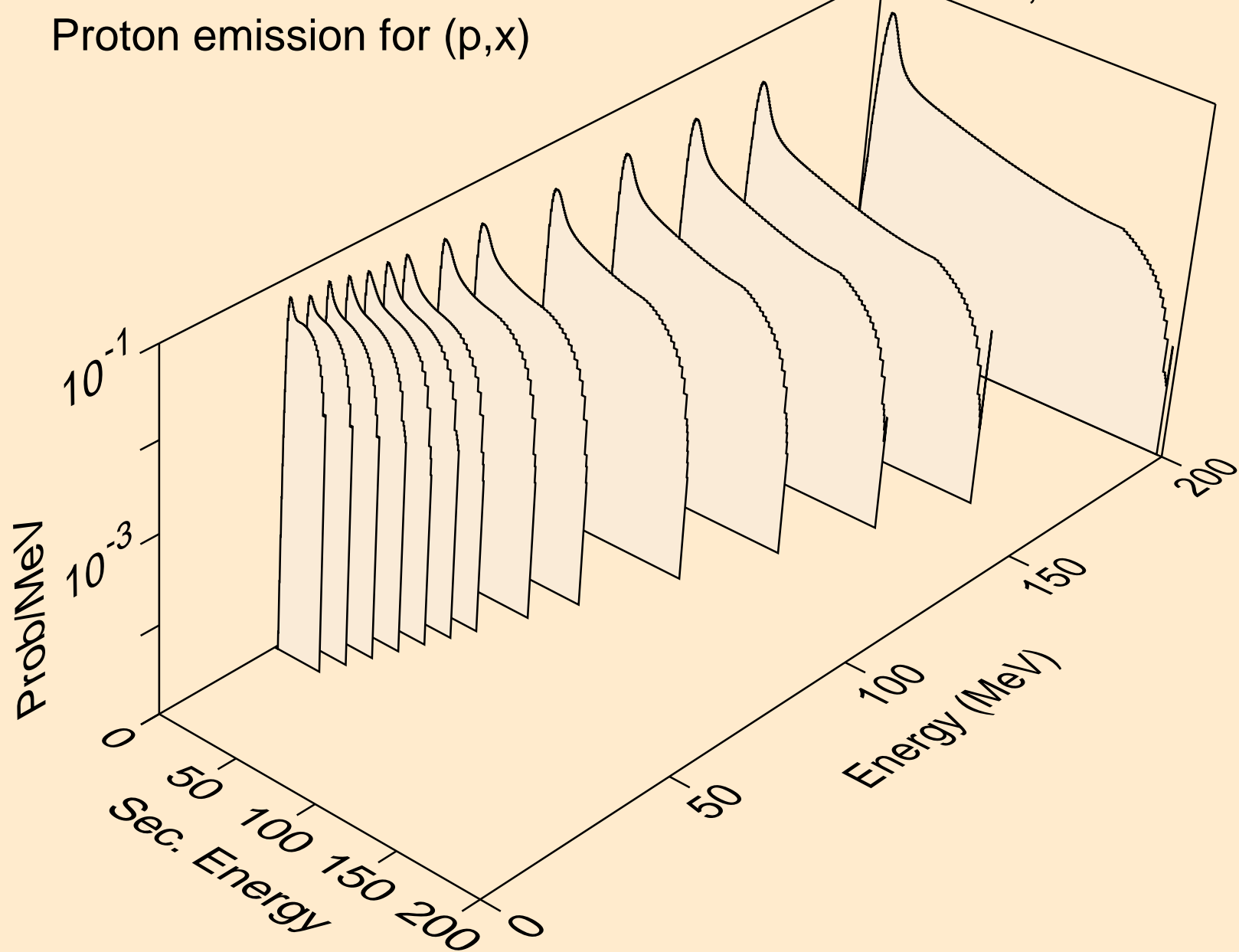




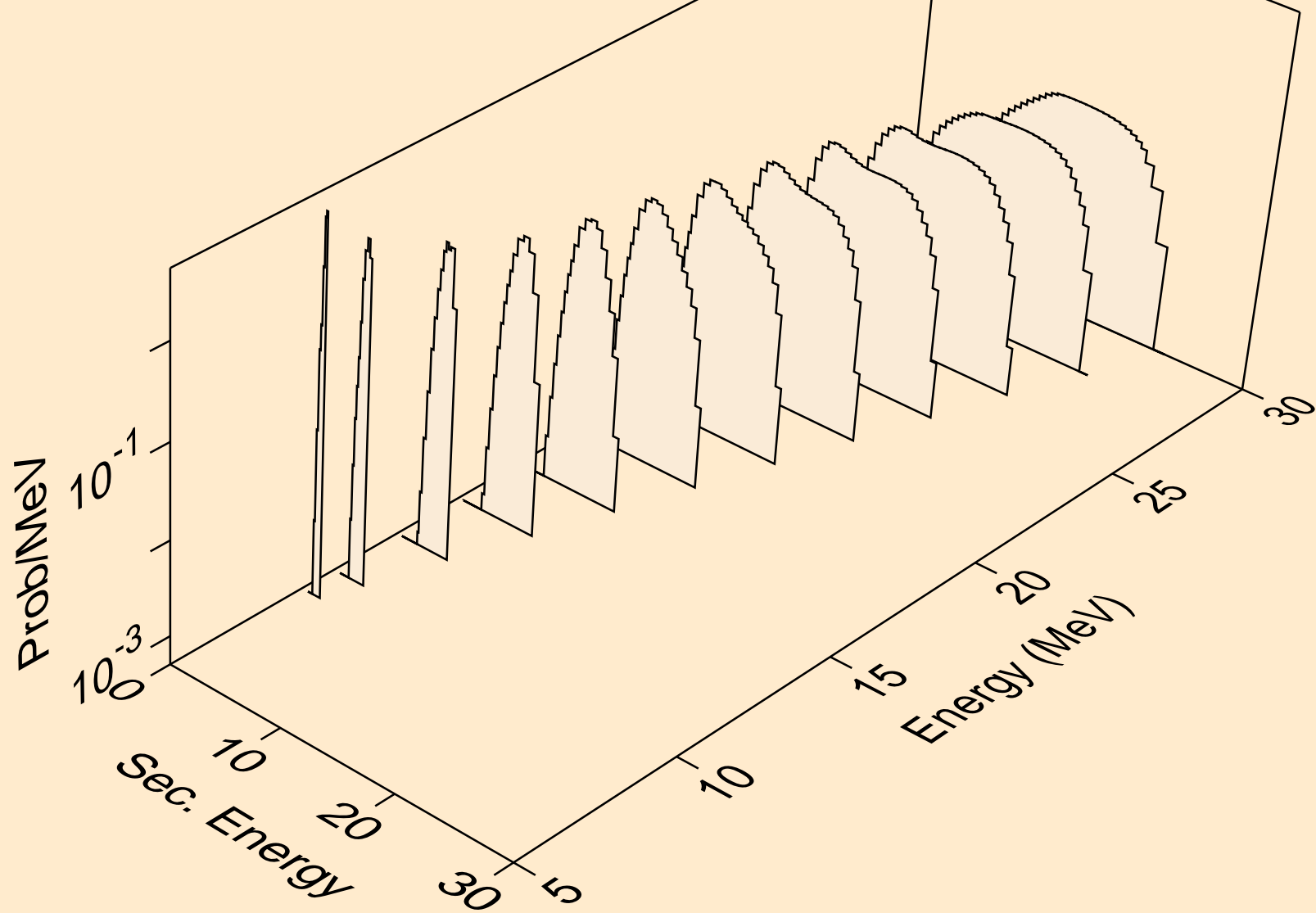
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



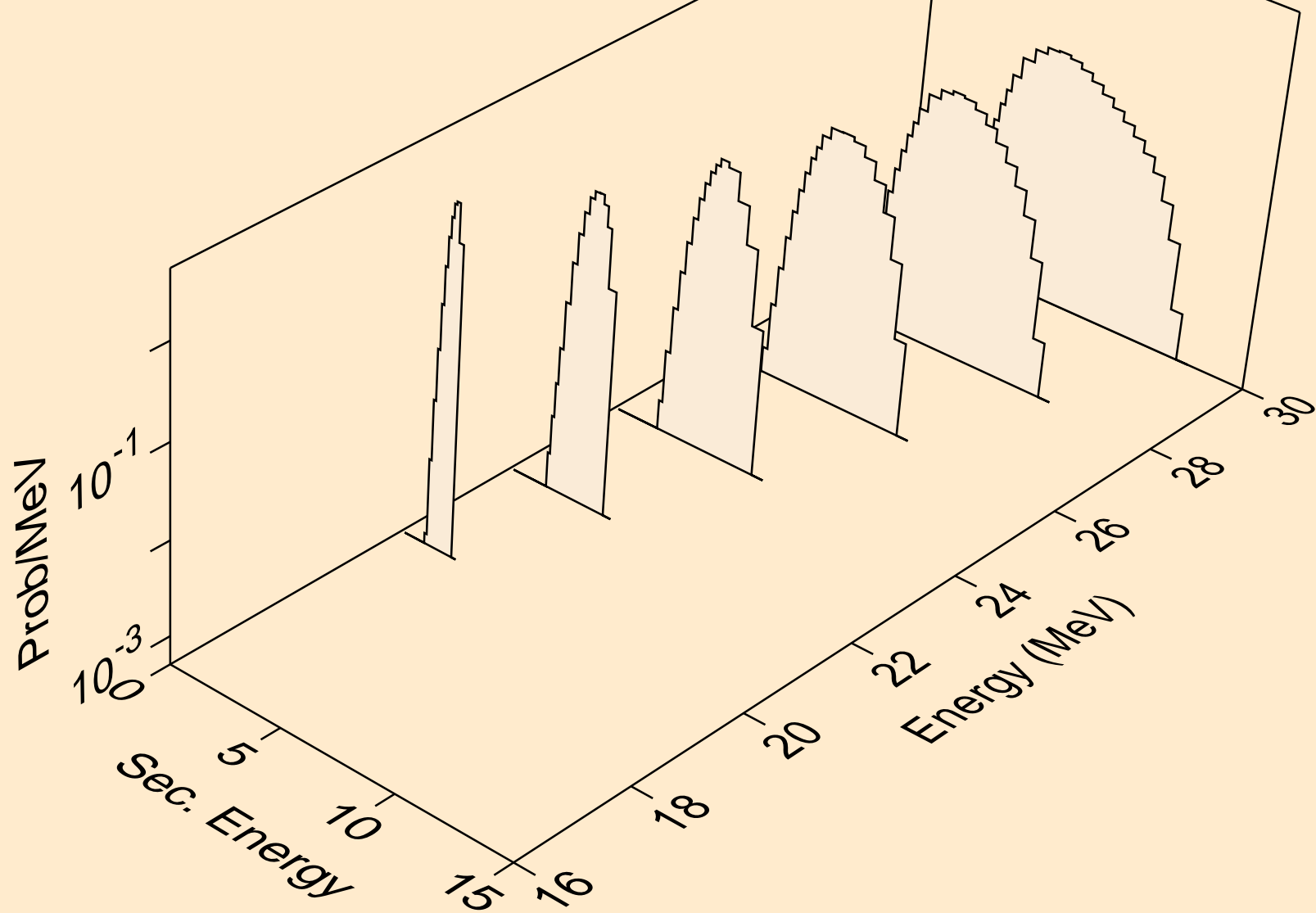
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



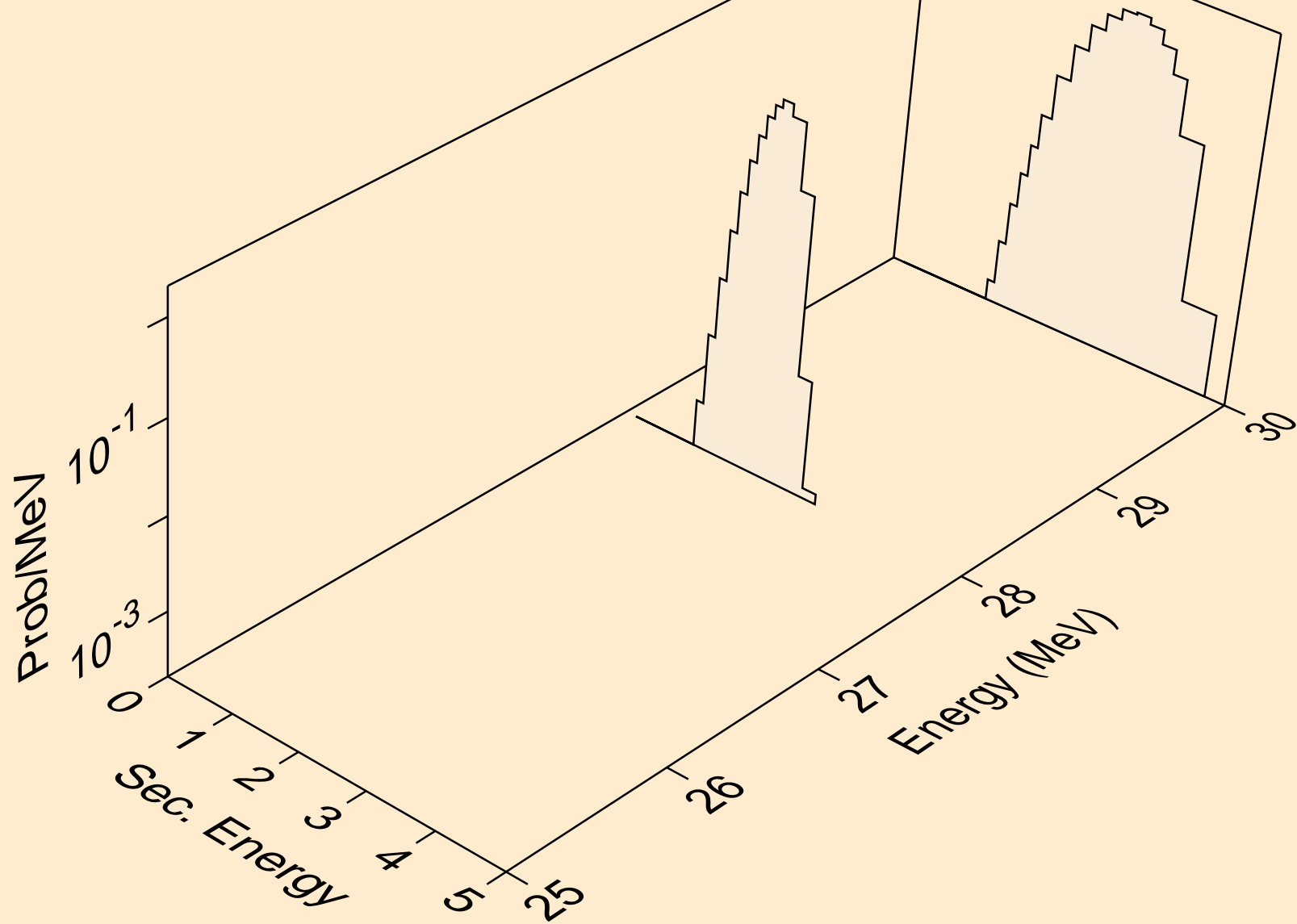
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



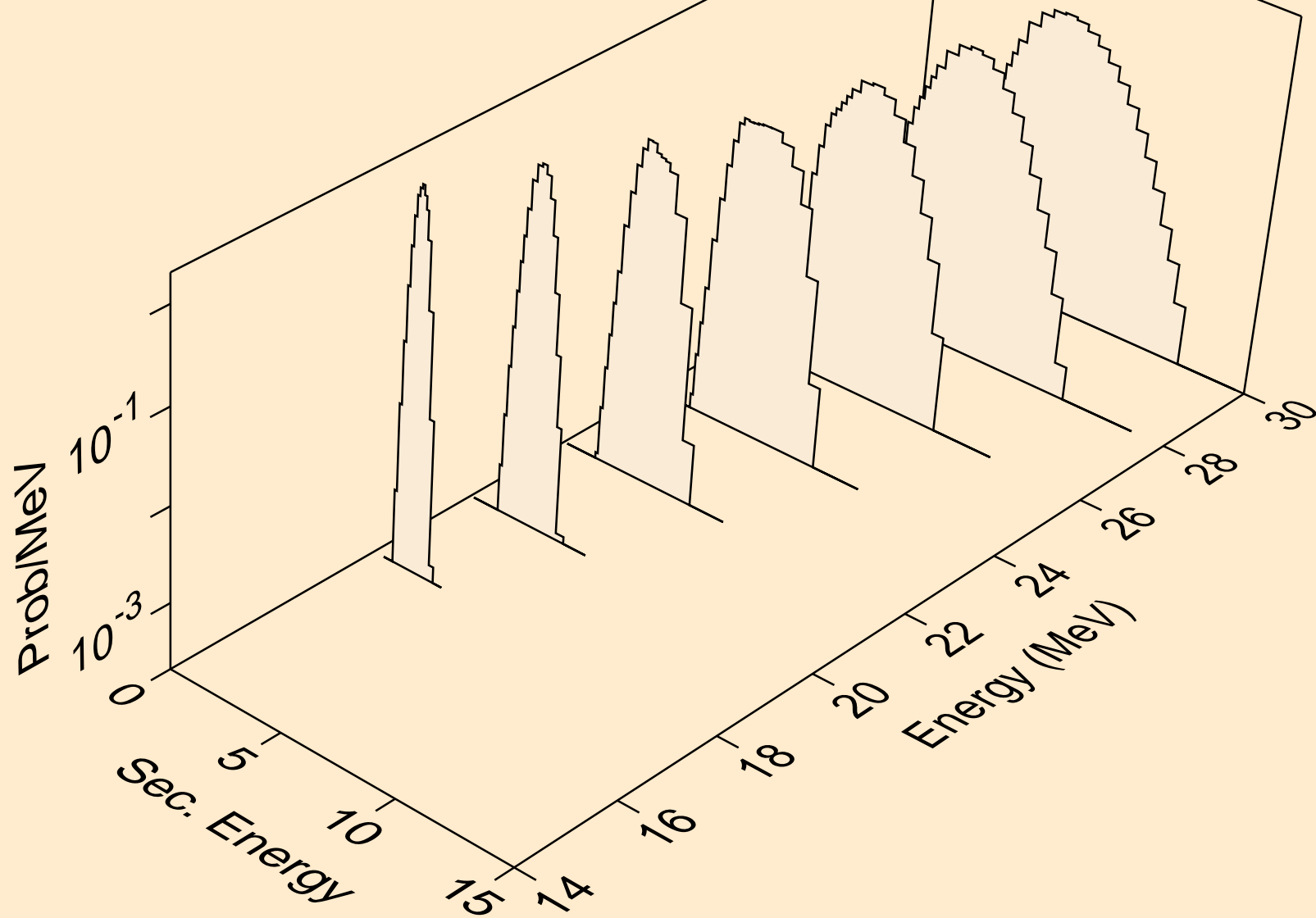
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



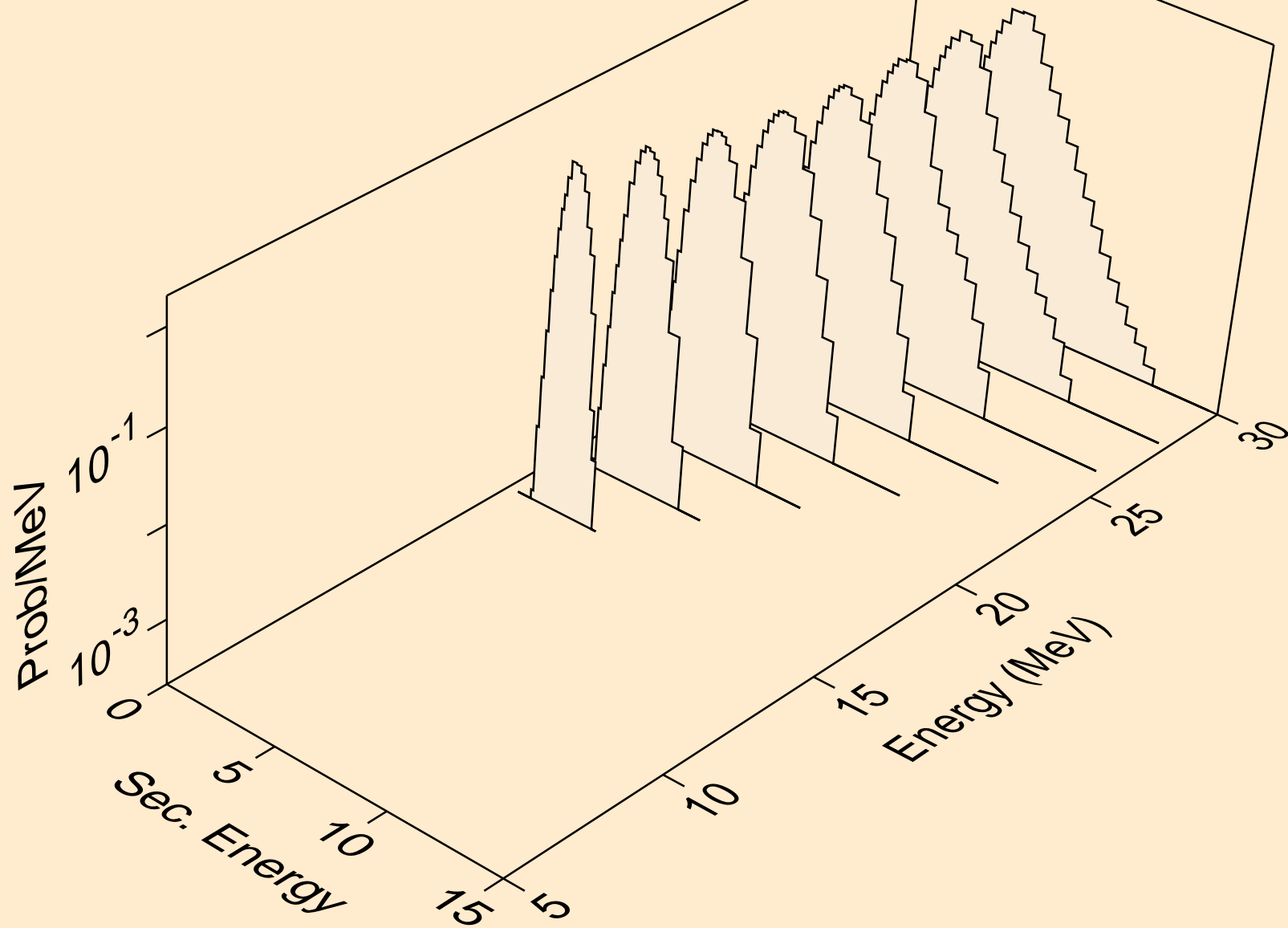
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



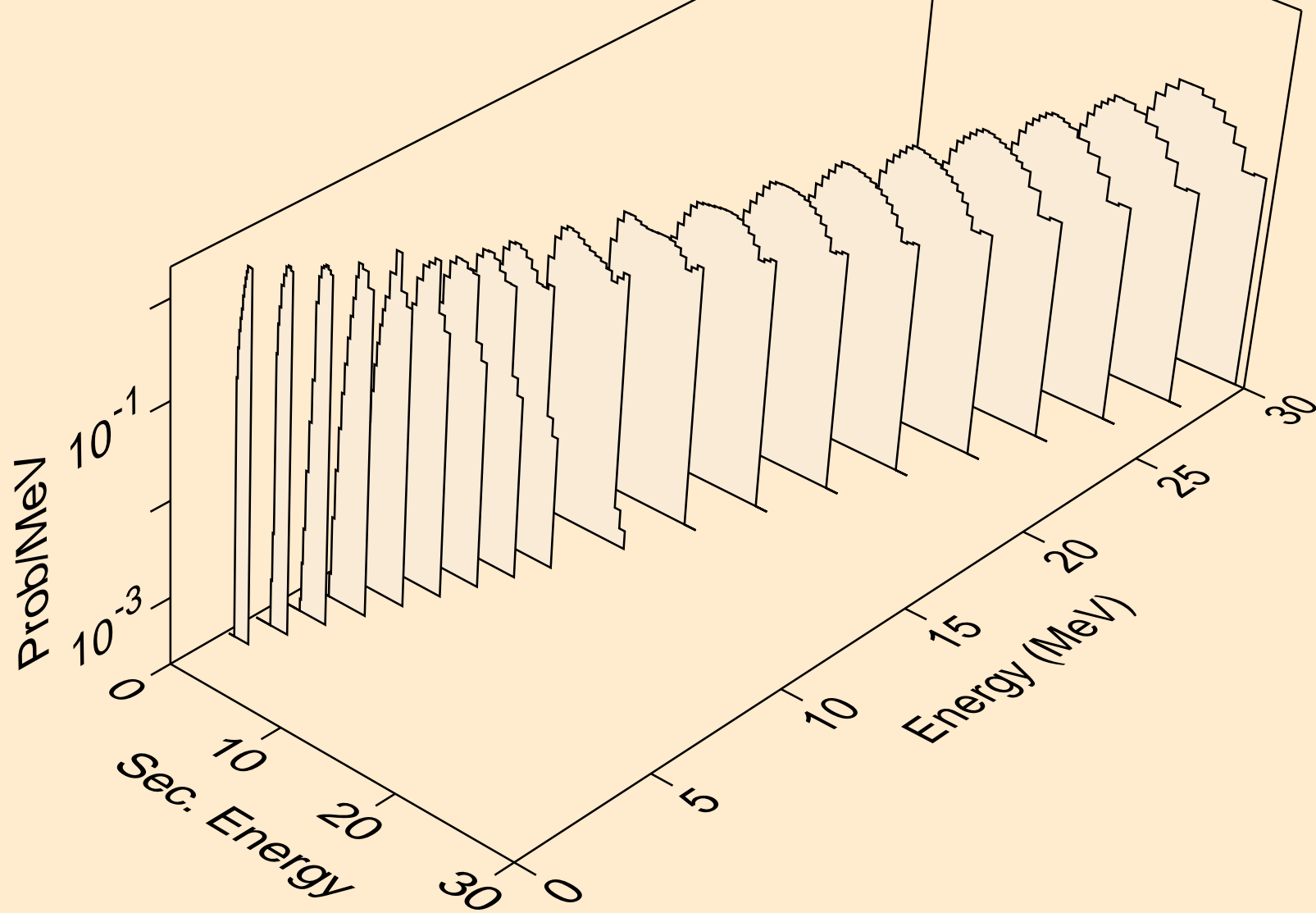
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

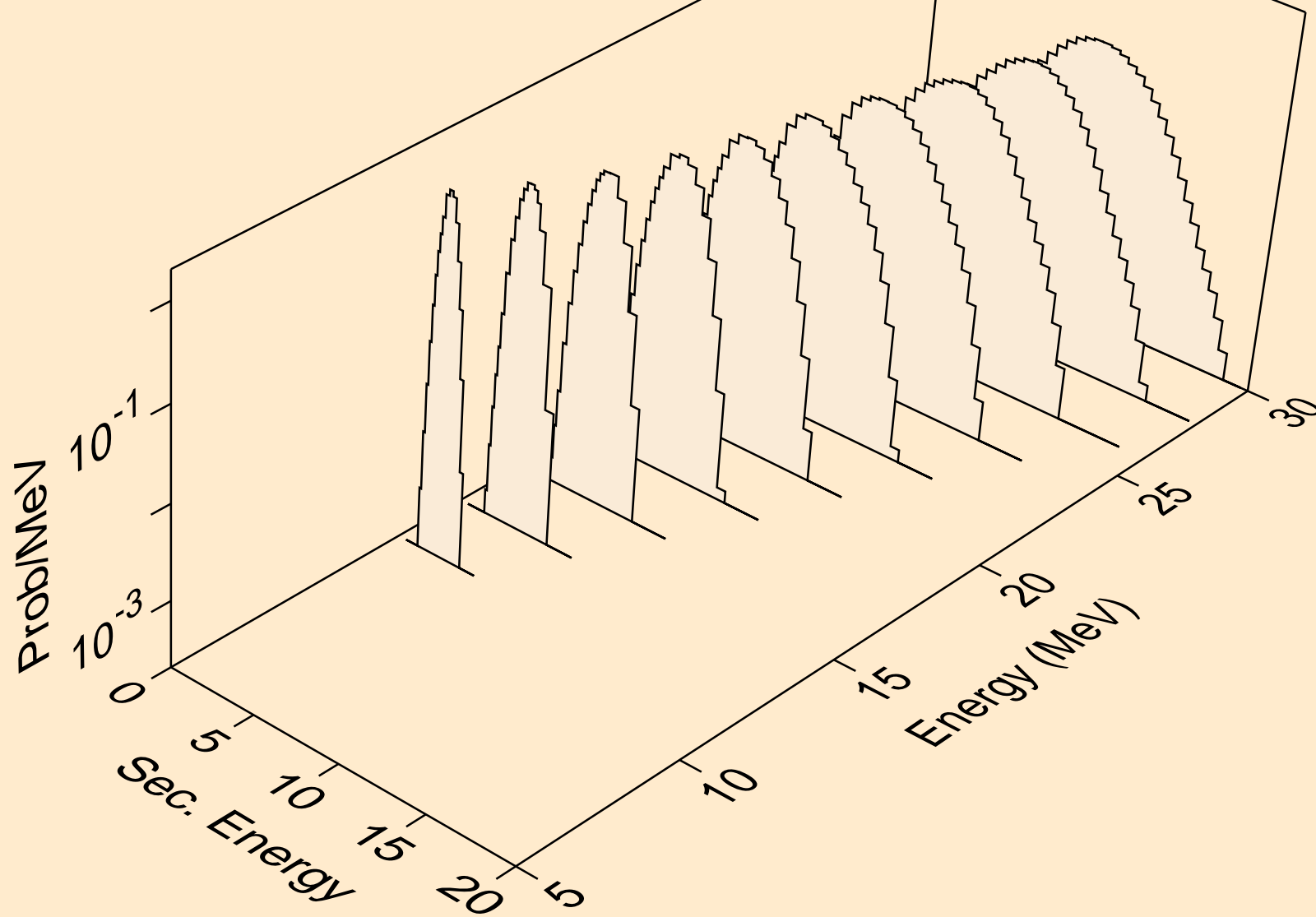


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

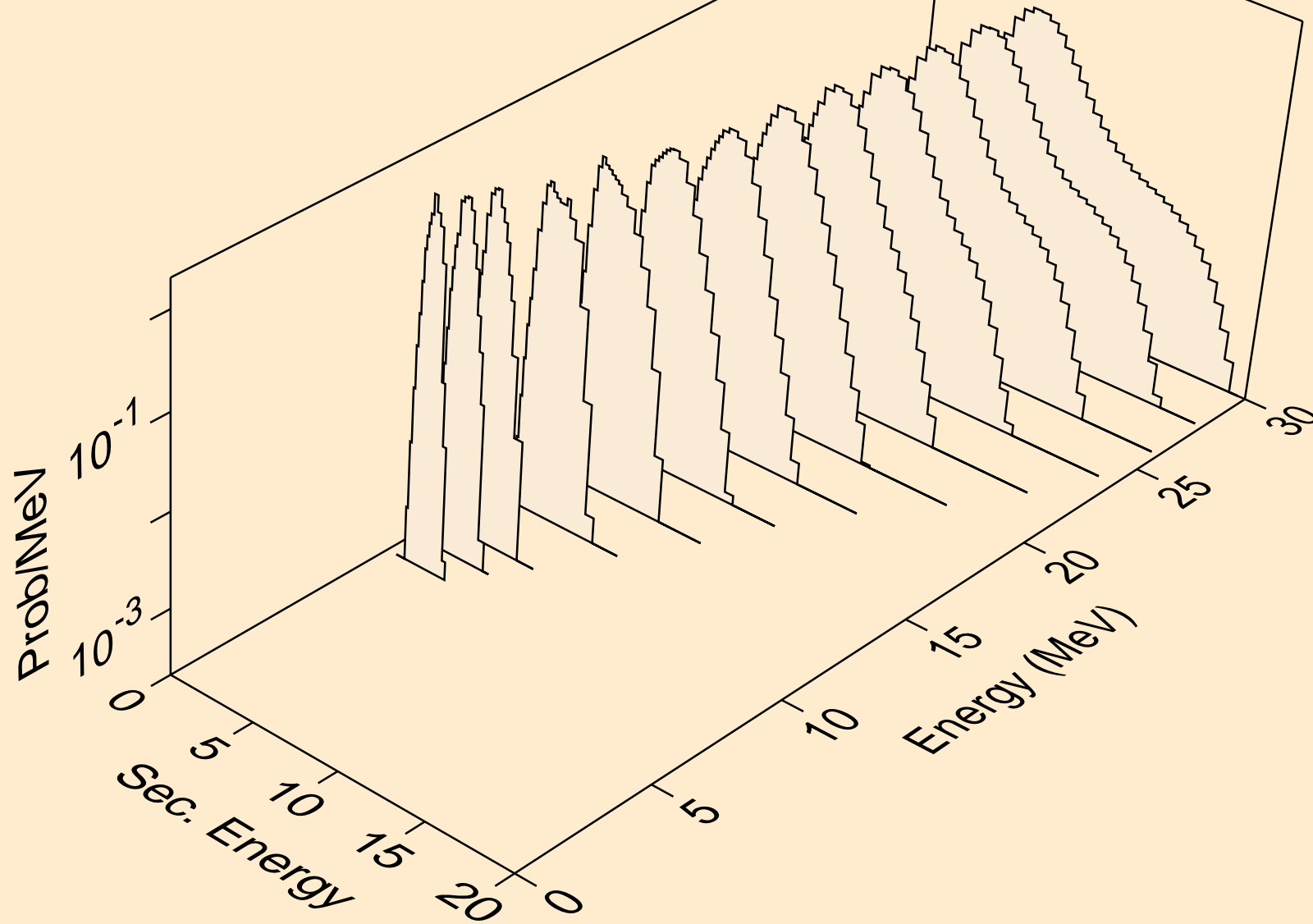




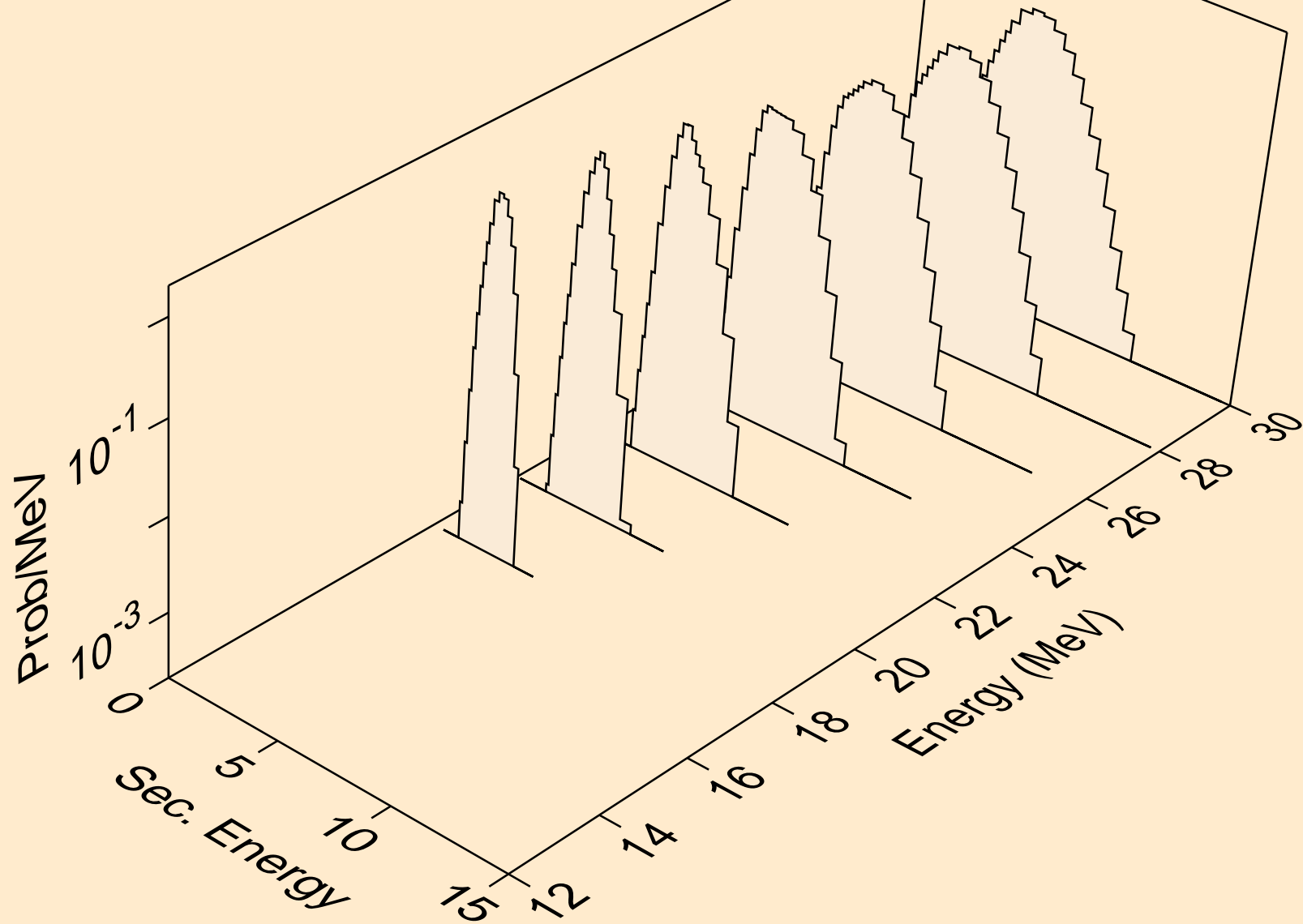
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Proton emission for (p,2p)



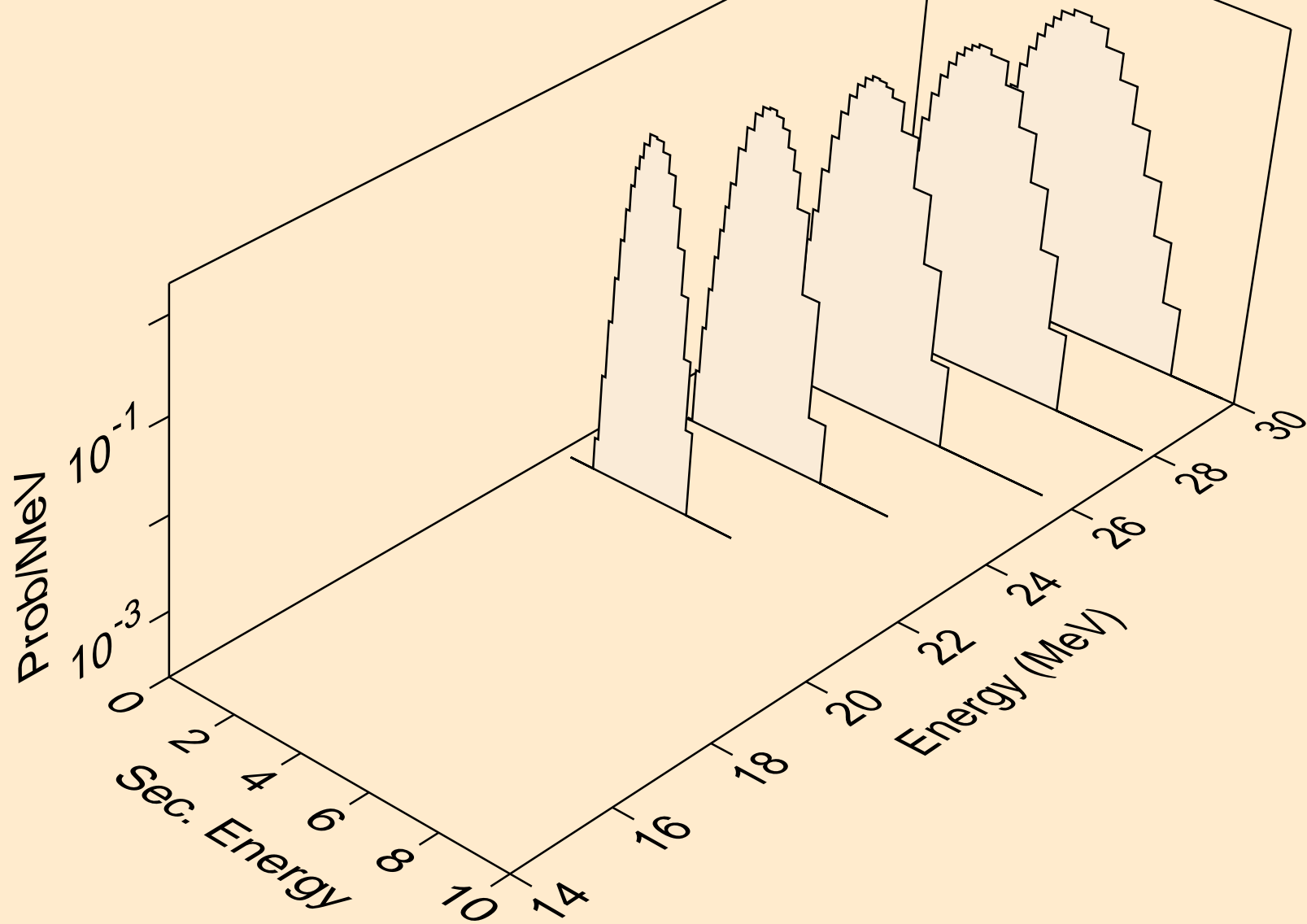
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Proton emission for (p,pa)



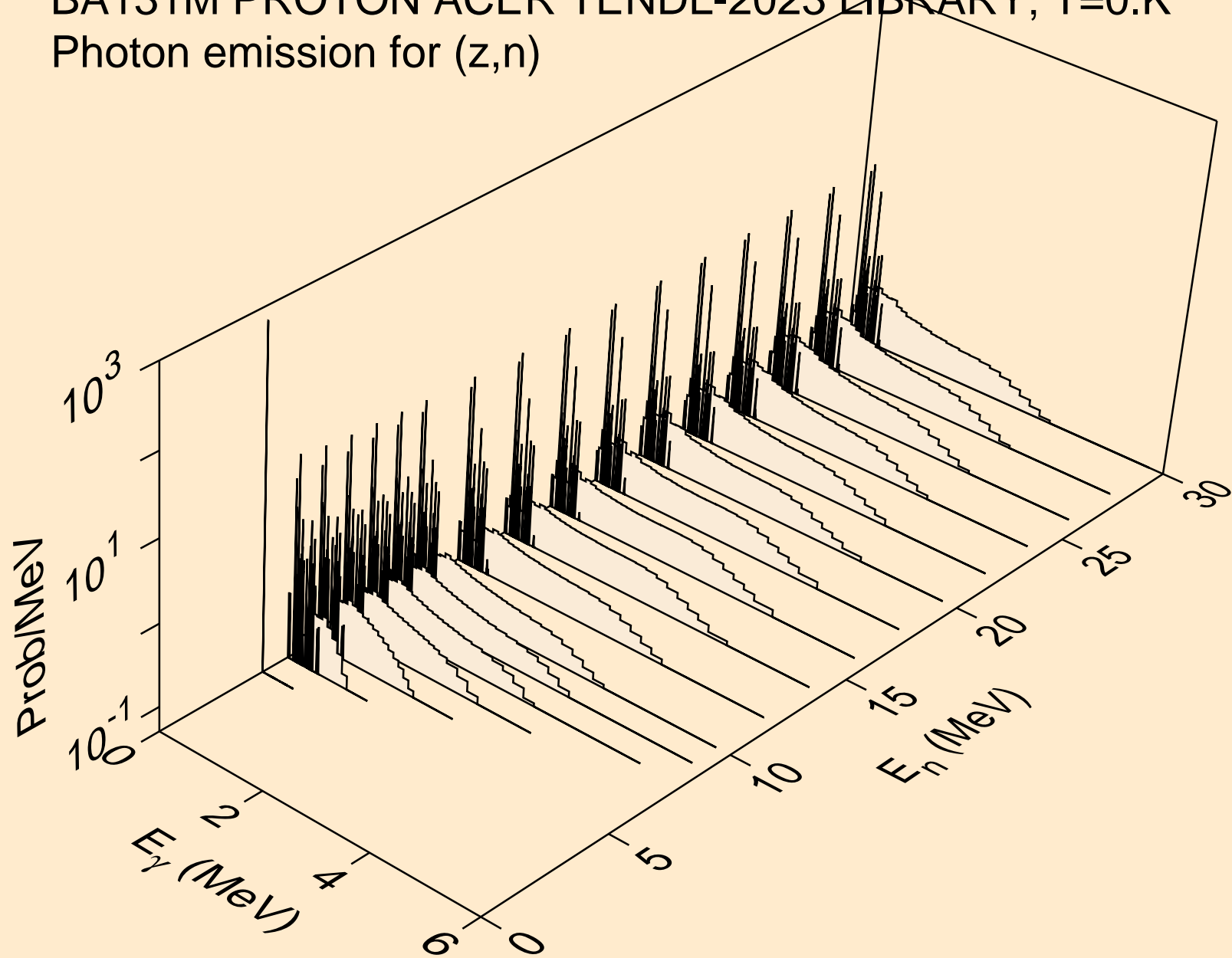
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



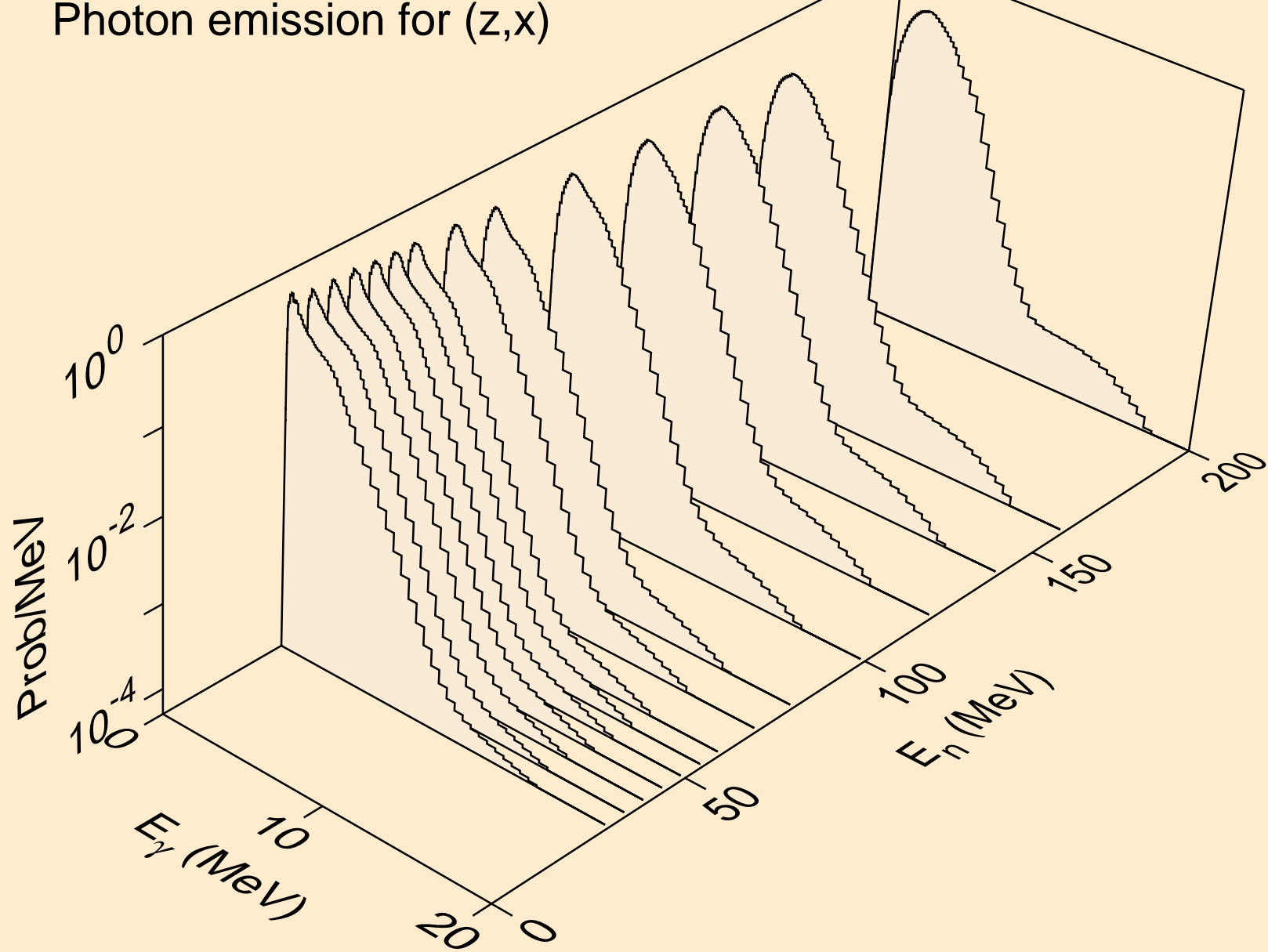
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Proton emission for (p,pt)



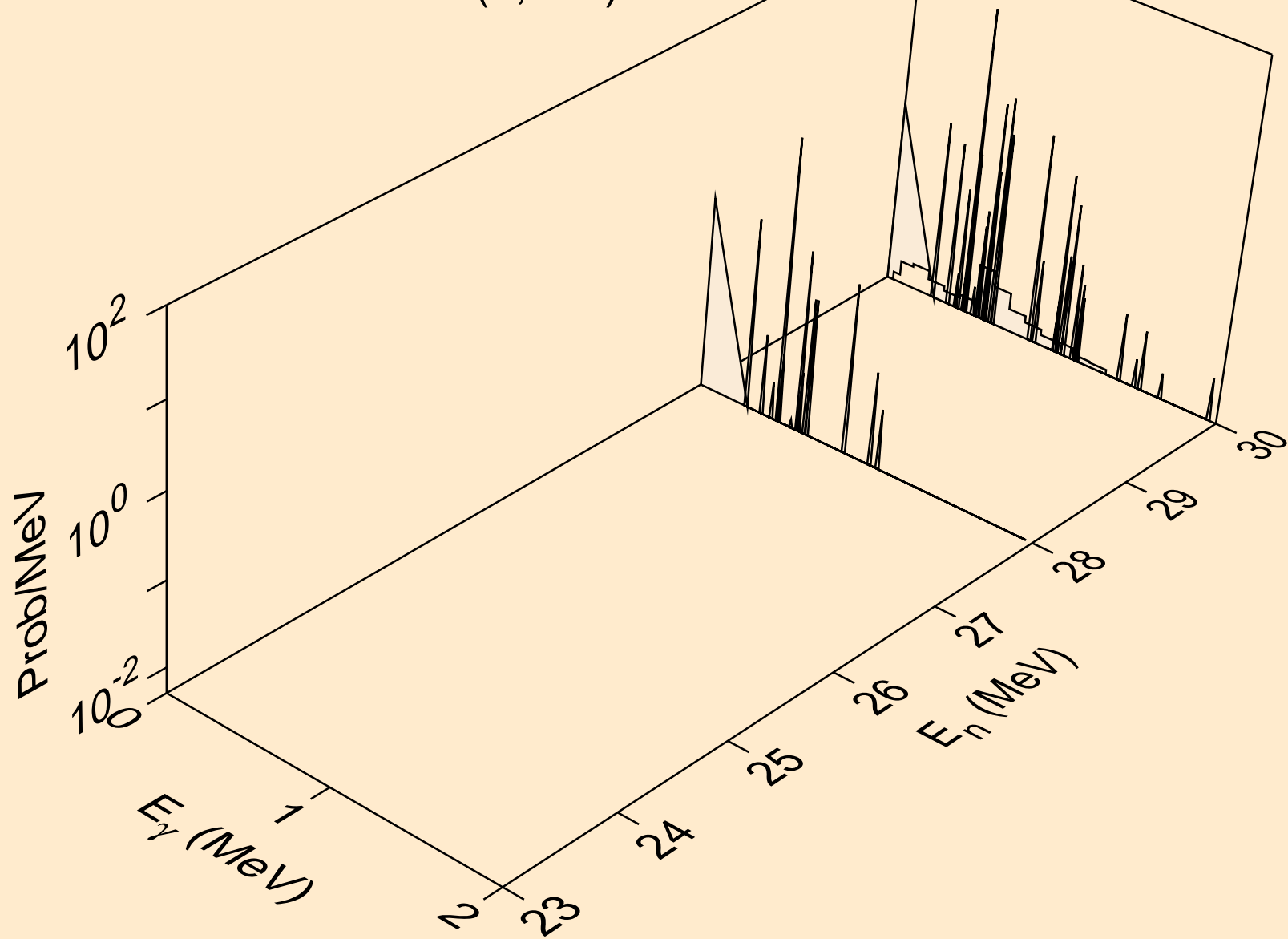
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Photon emission for (z,n)



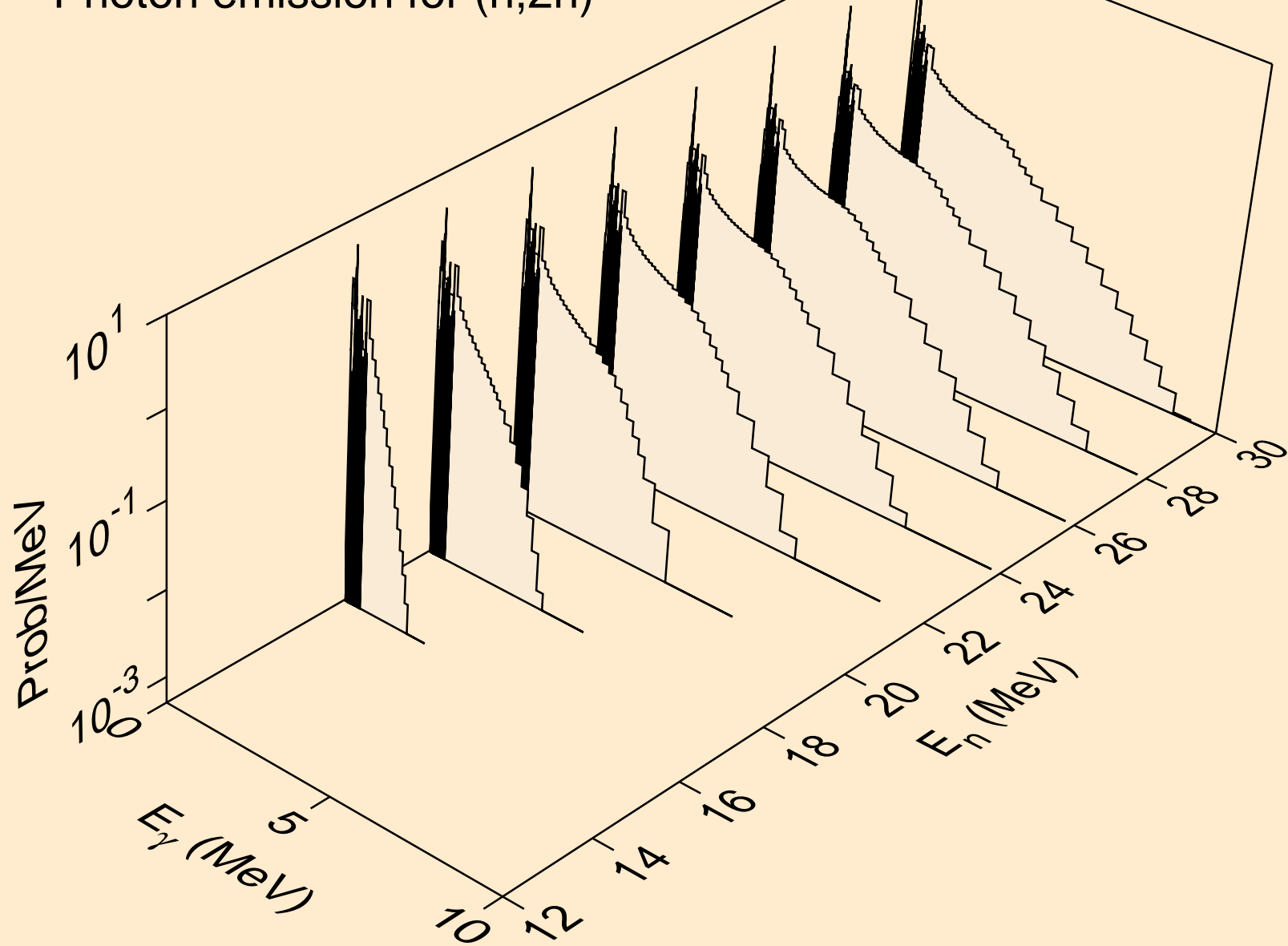
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

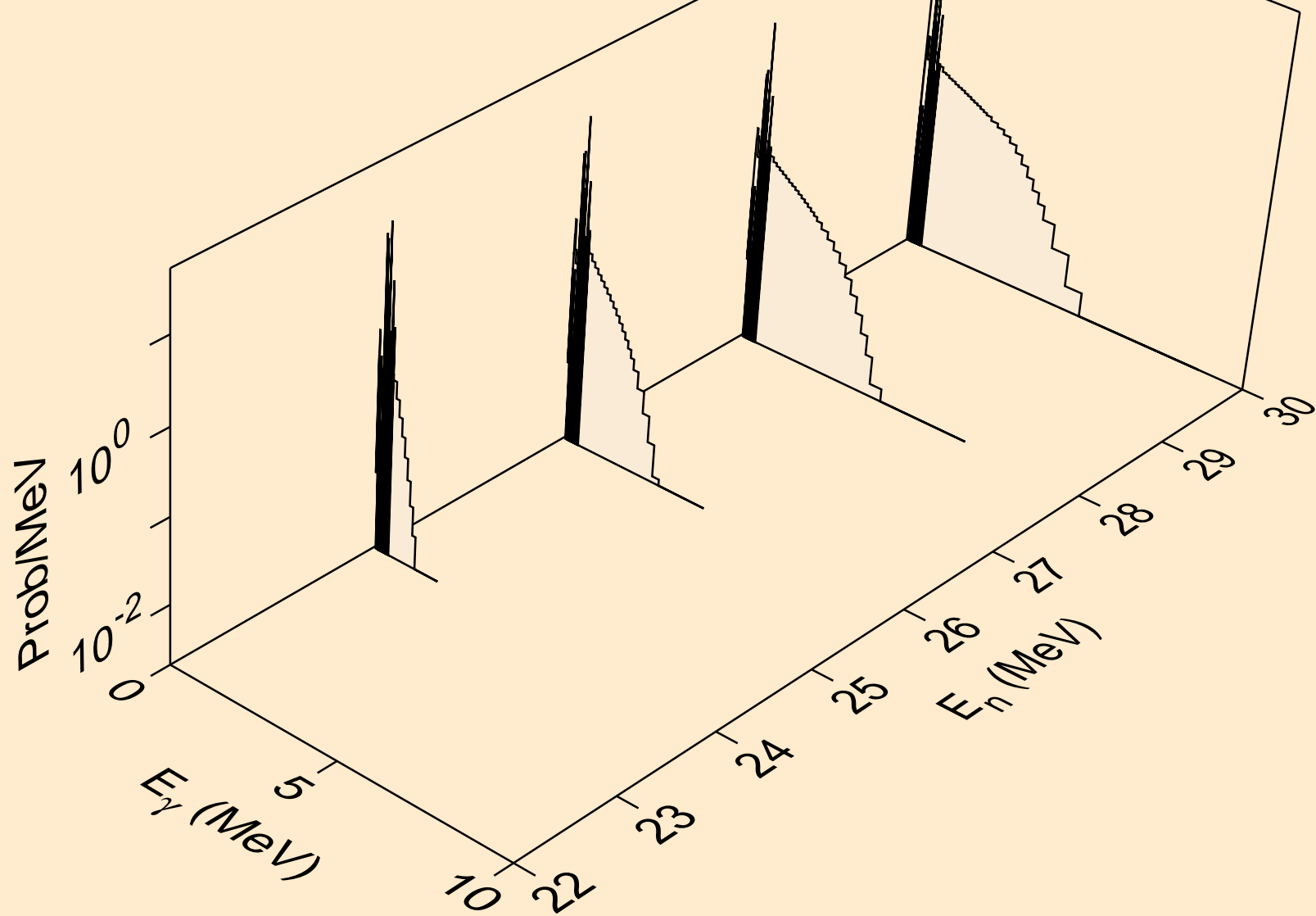


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

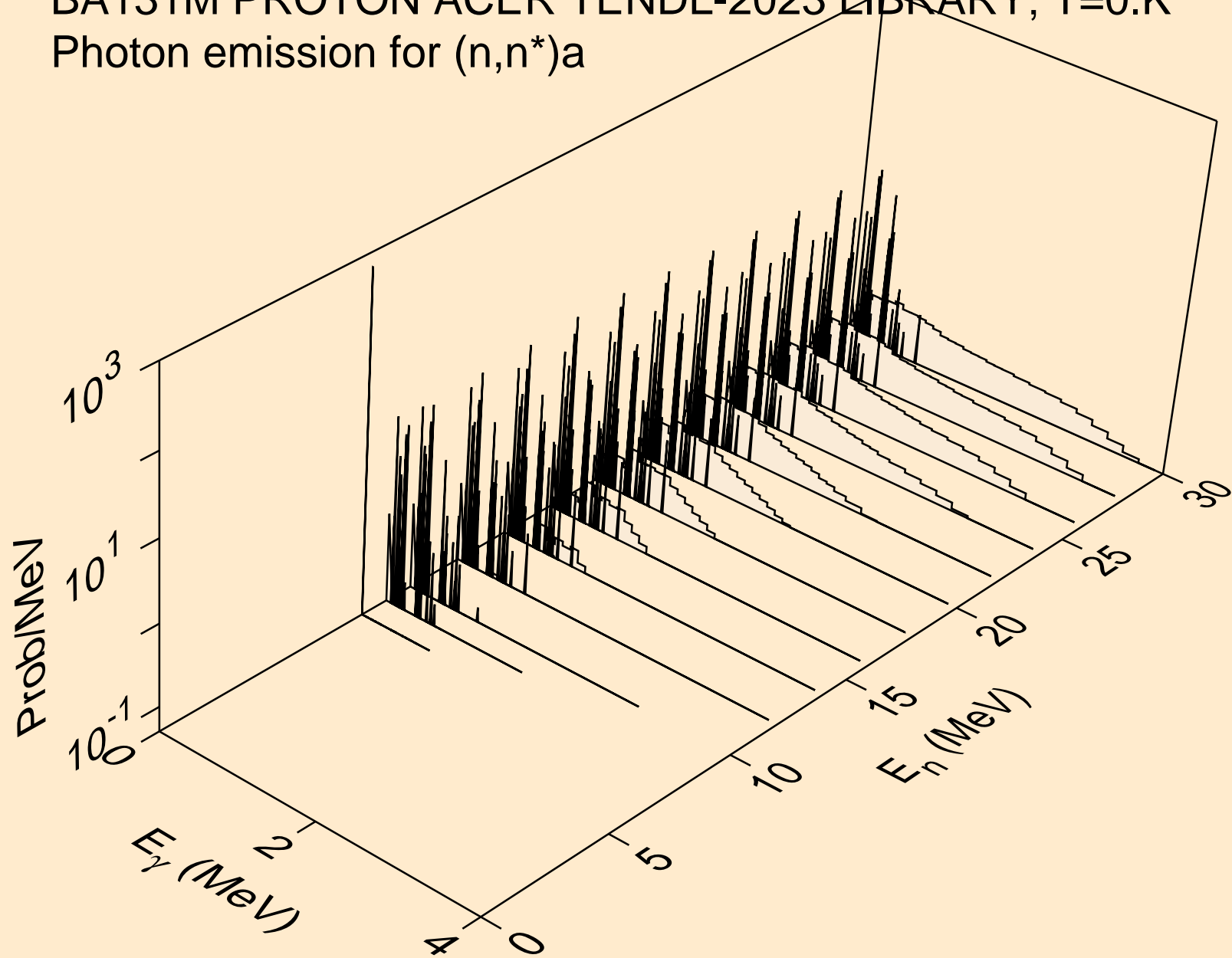




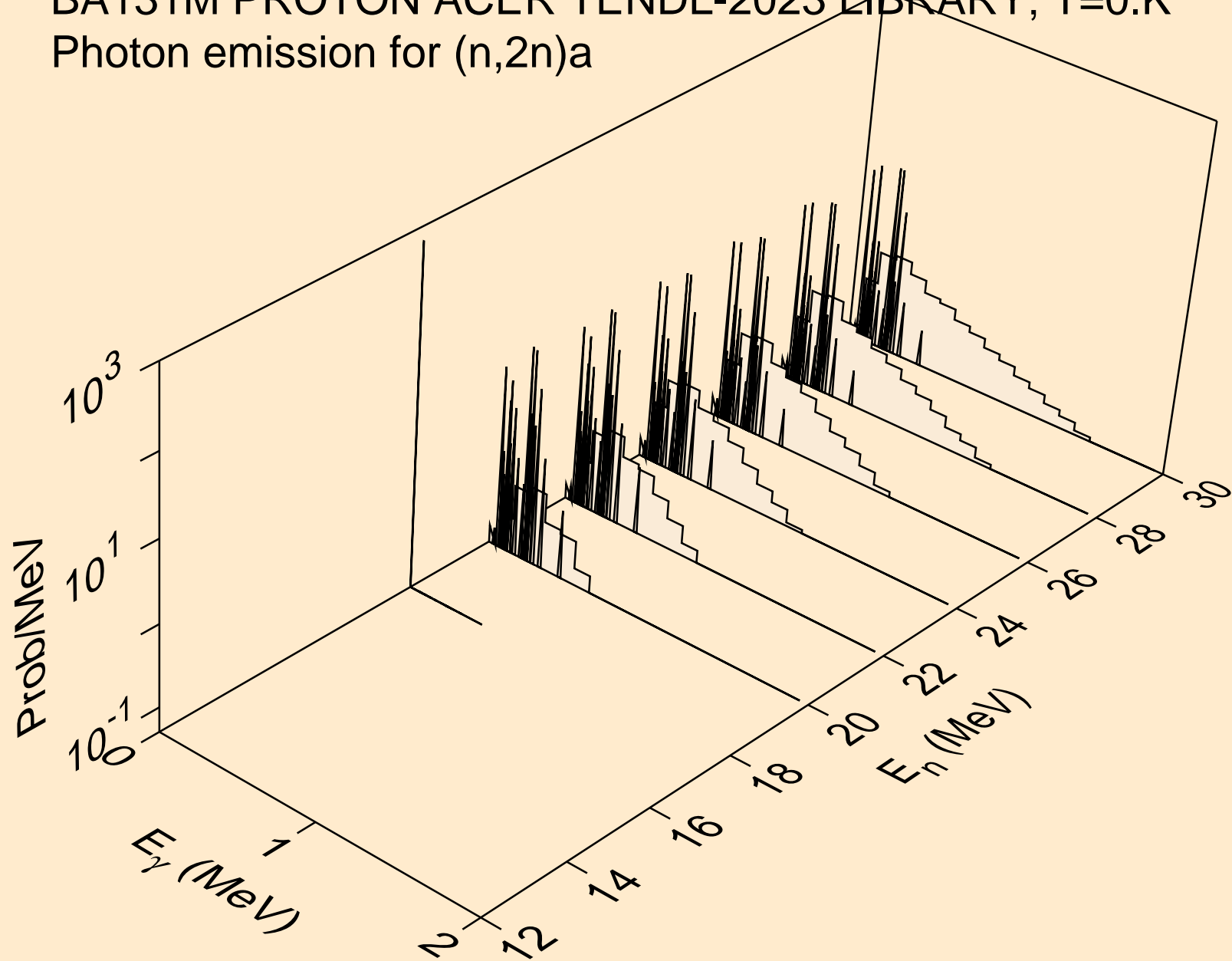
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Photon emission for (n,3n)



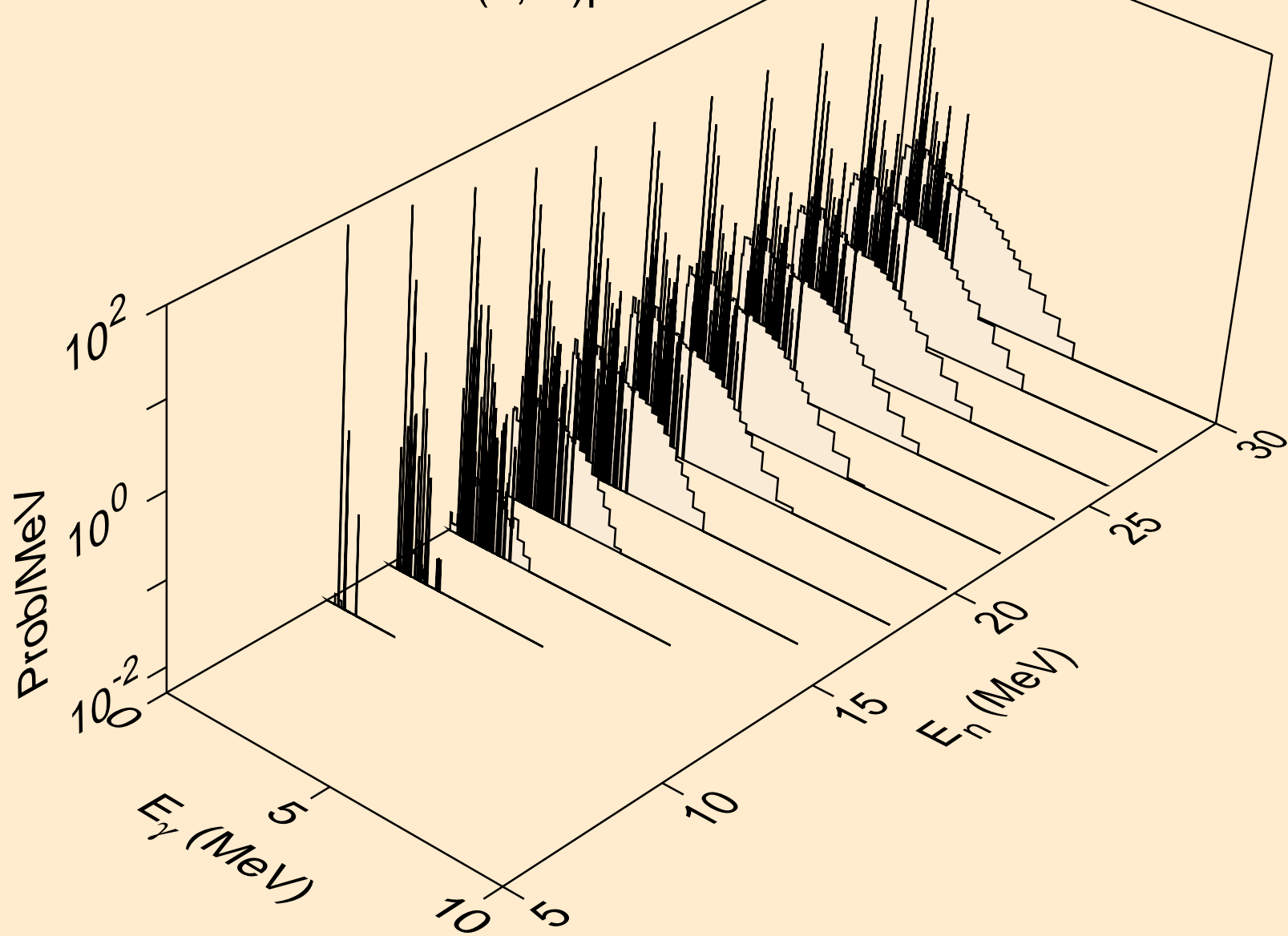
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



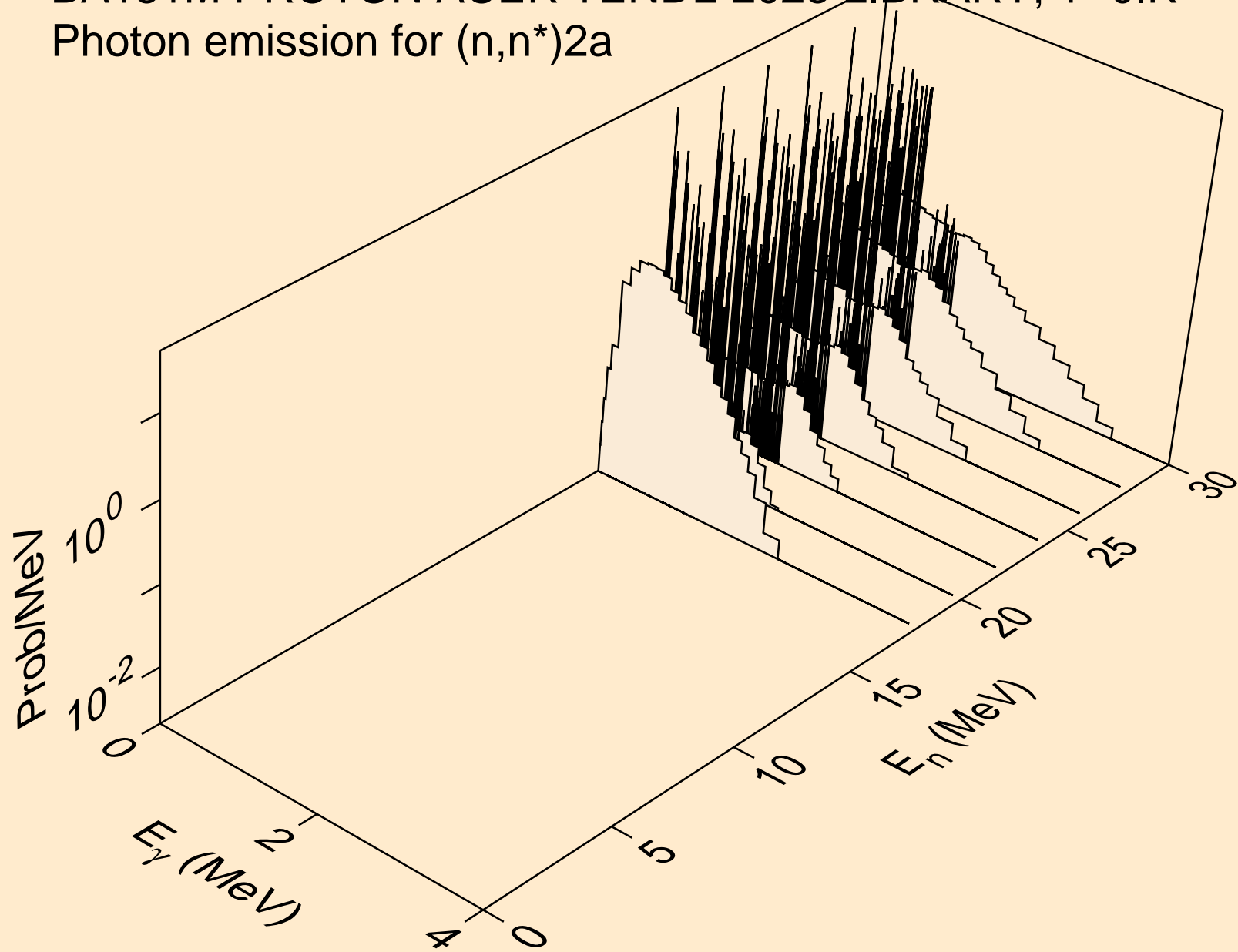
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Photon emission for (n,2n)a



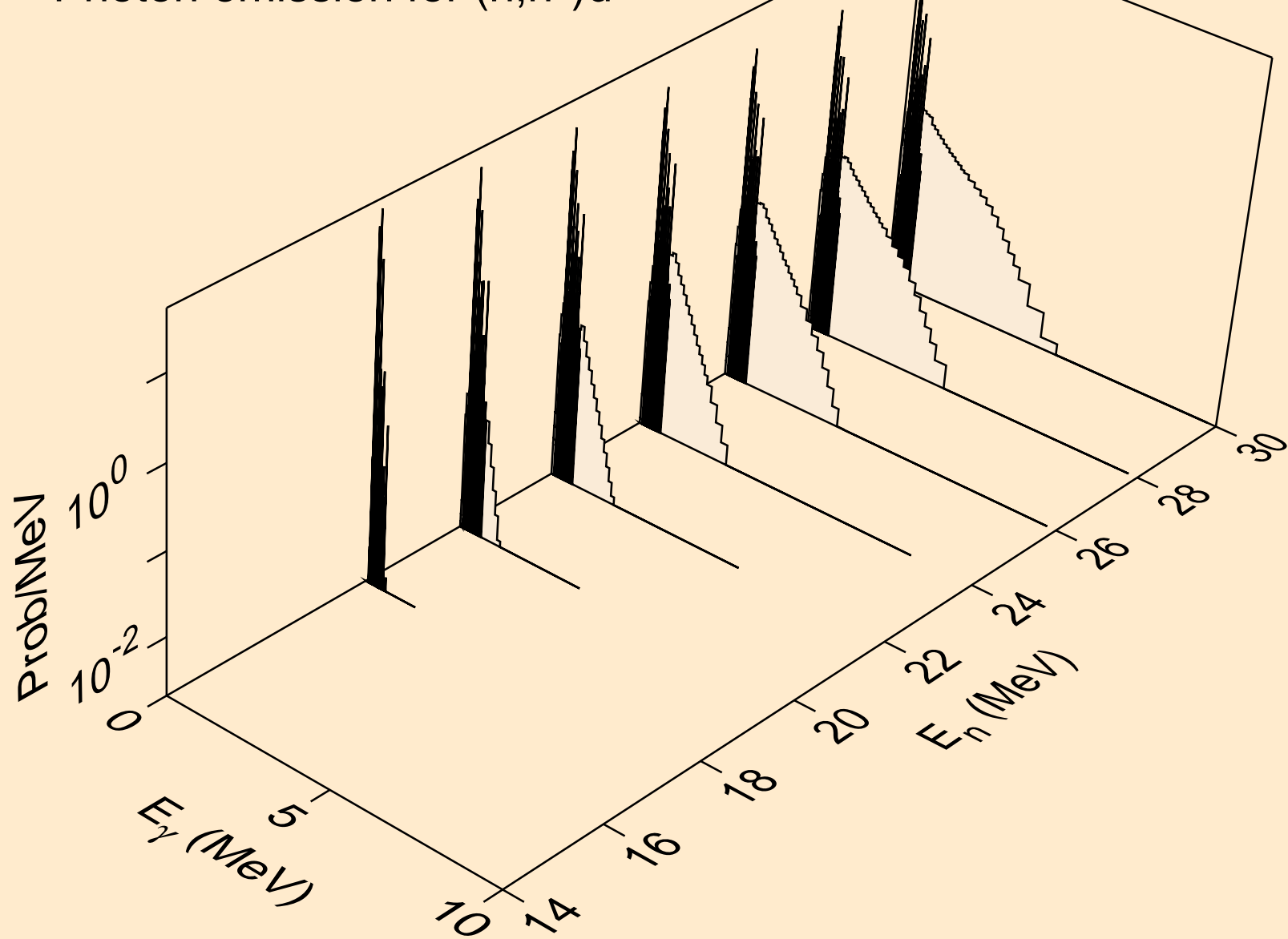
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Photon emission for (n,n\*)p



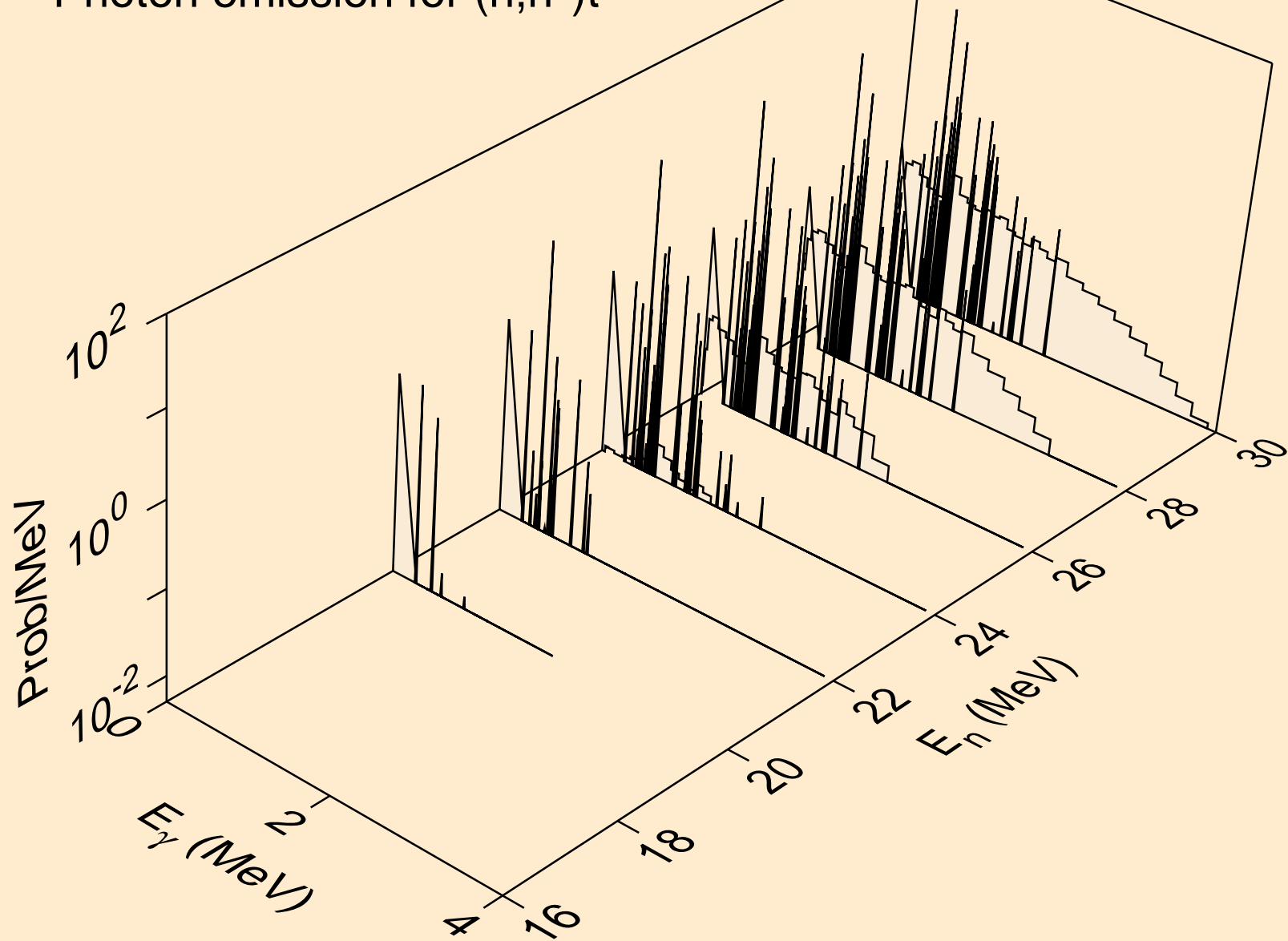
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Photon emission for (n,n\*)2a



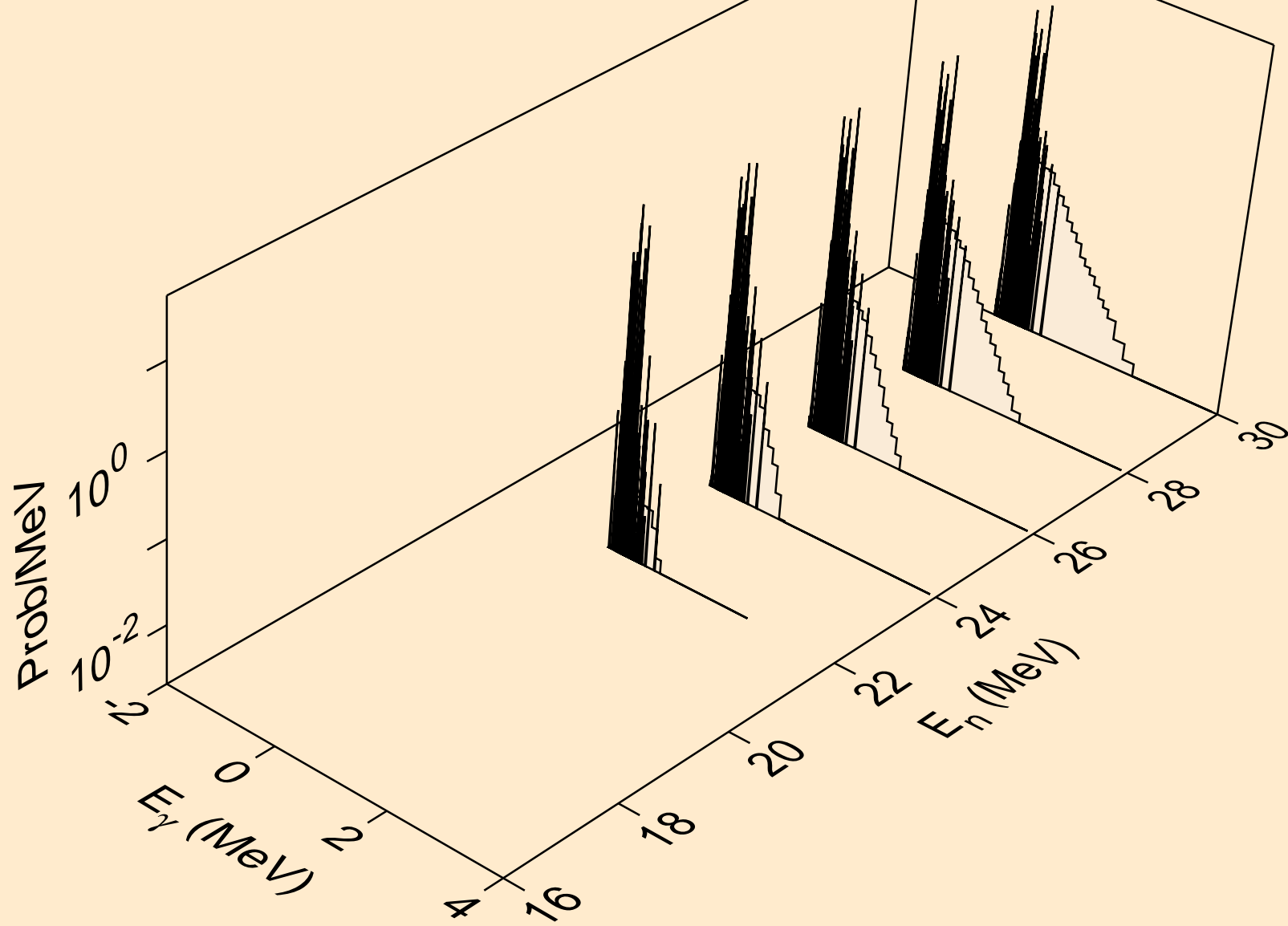
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

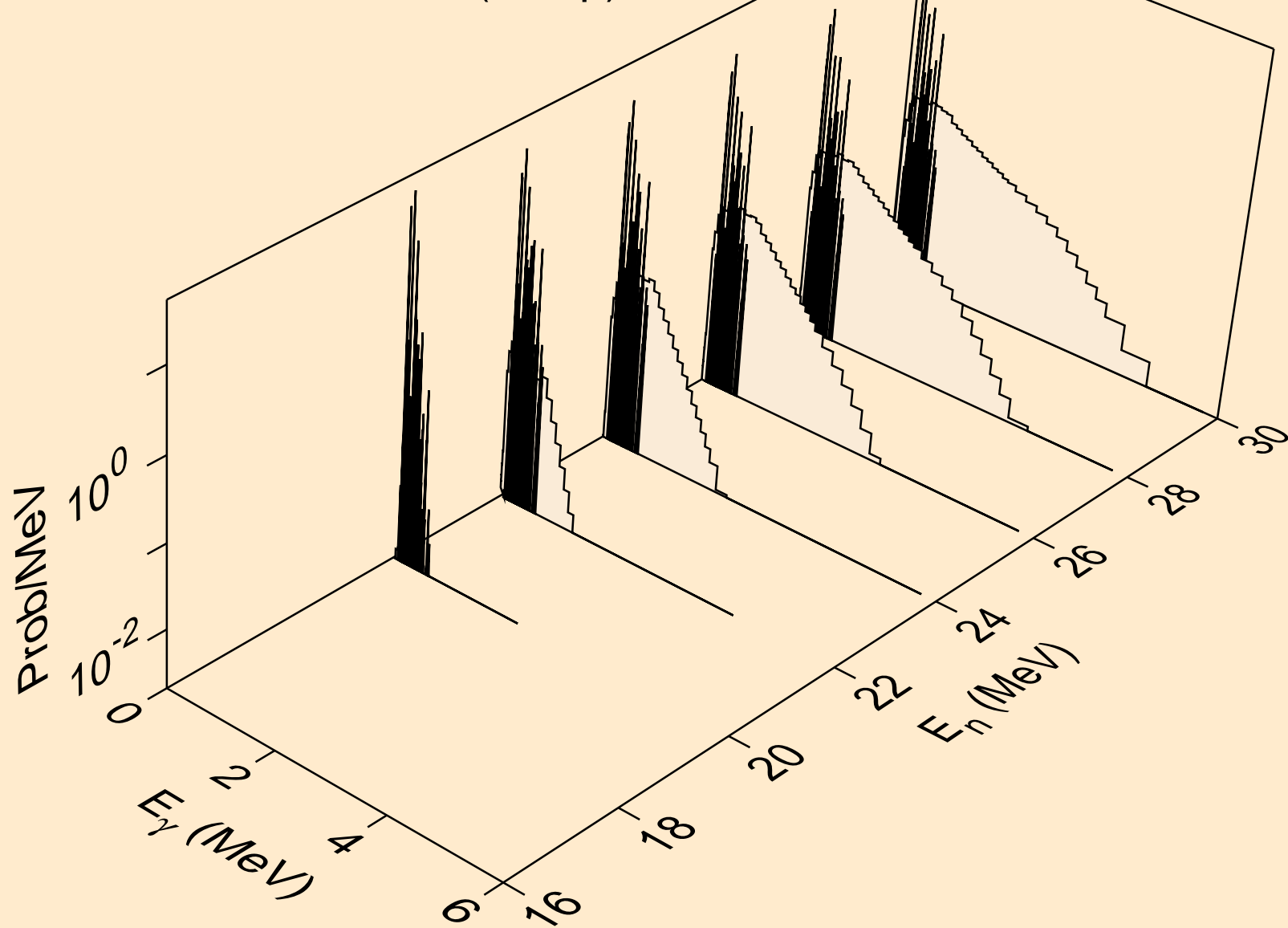


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

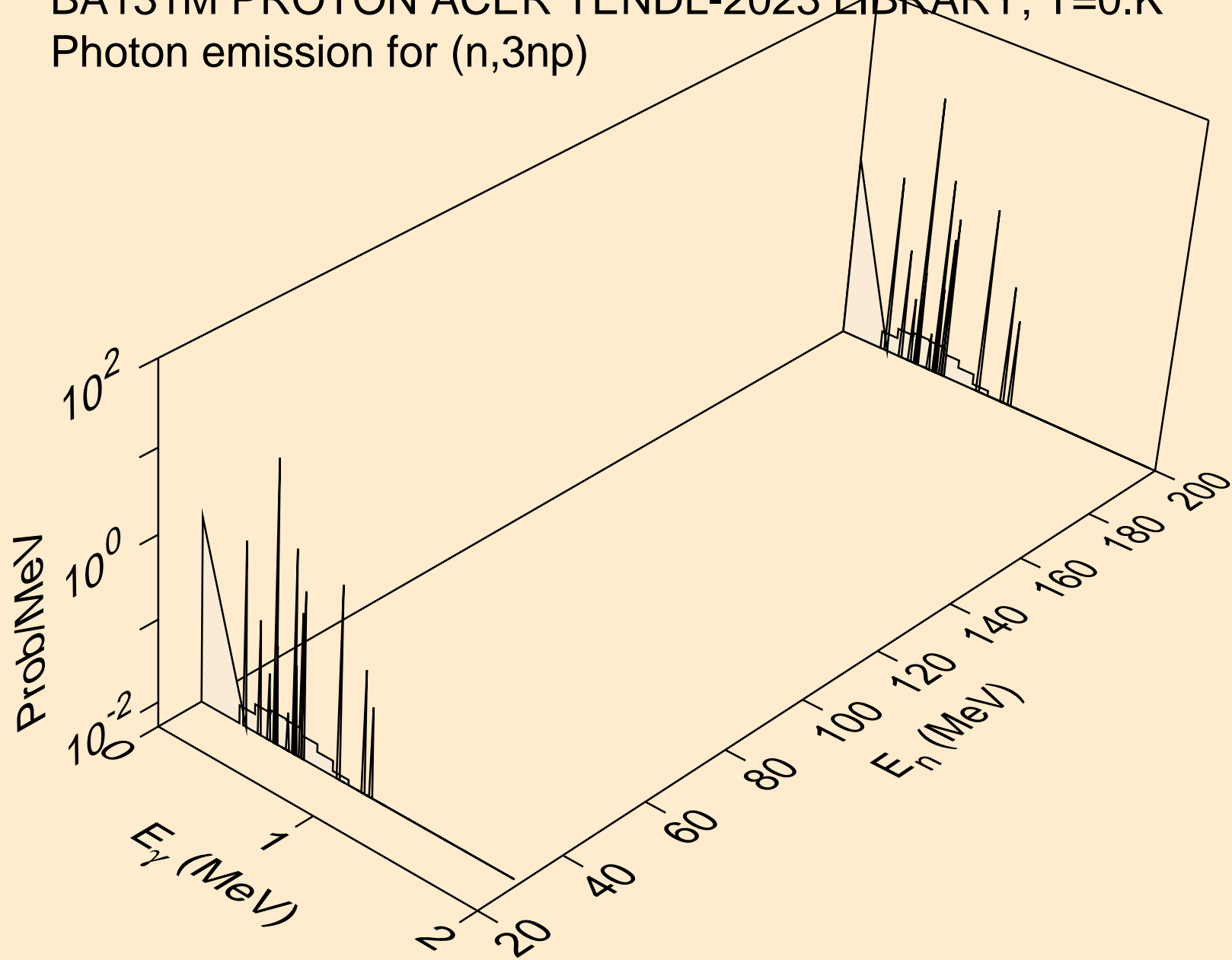




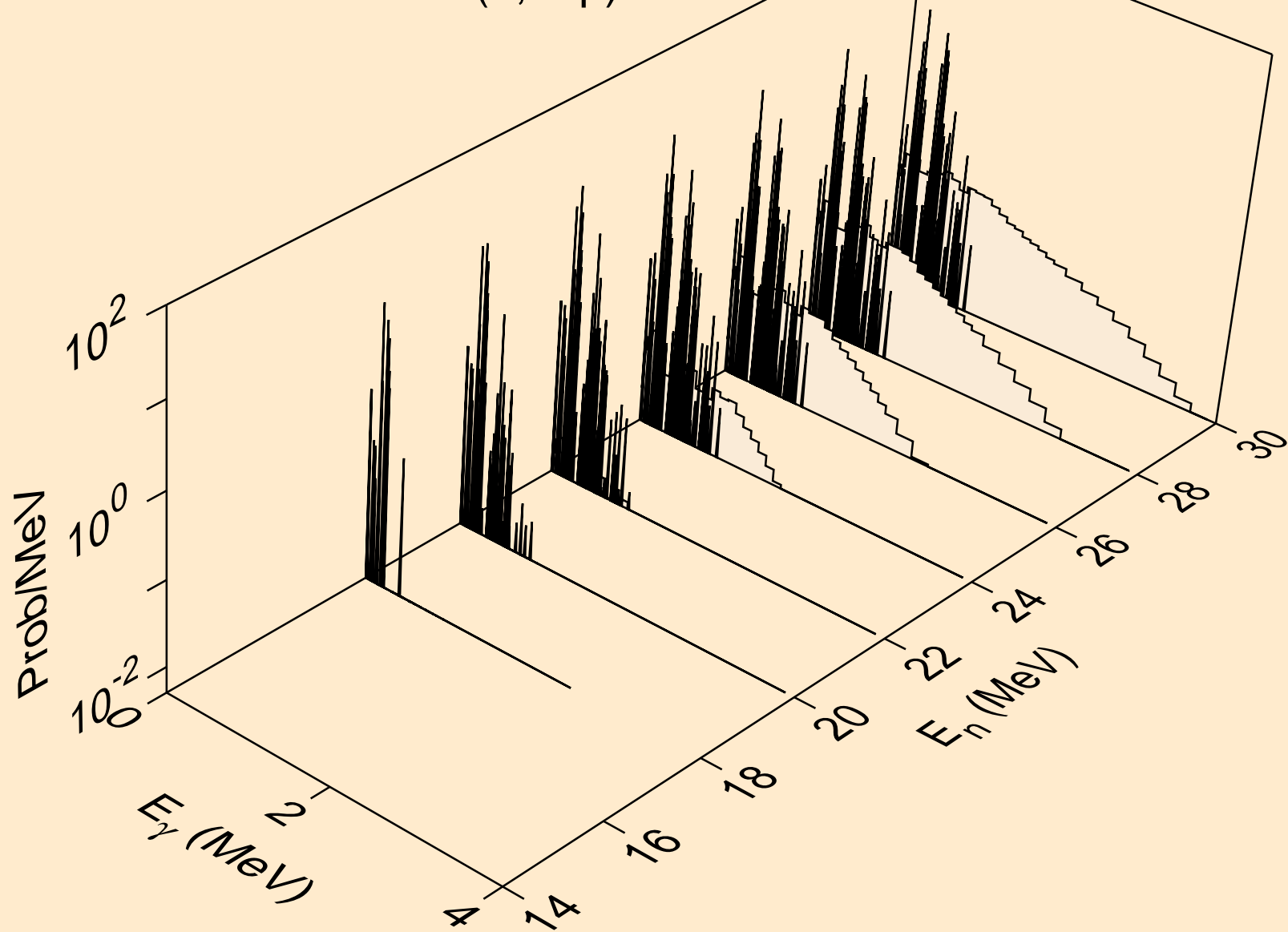
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Photon emission for (n,2np)



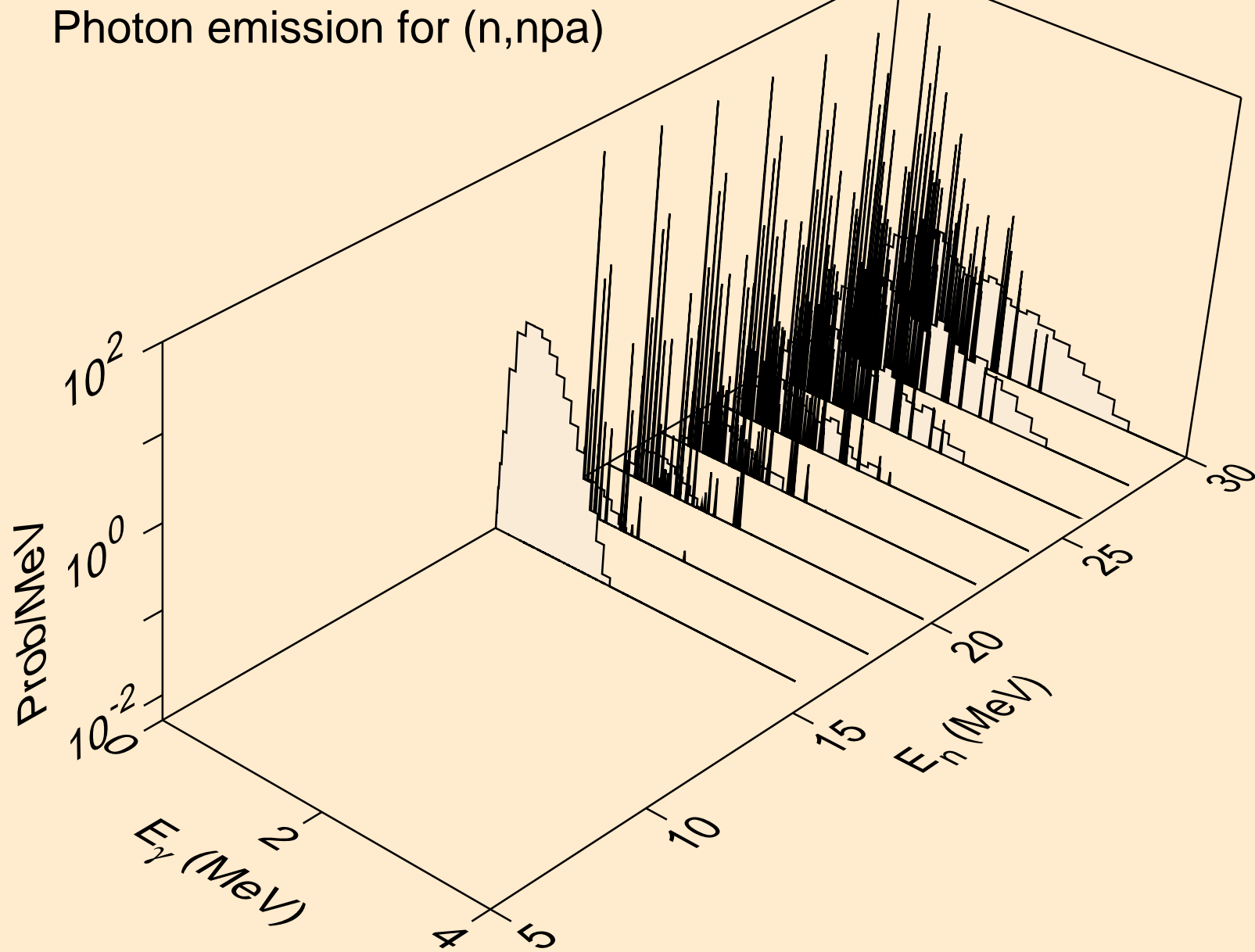
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Photon emission for (n,3np)



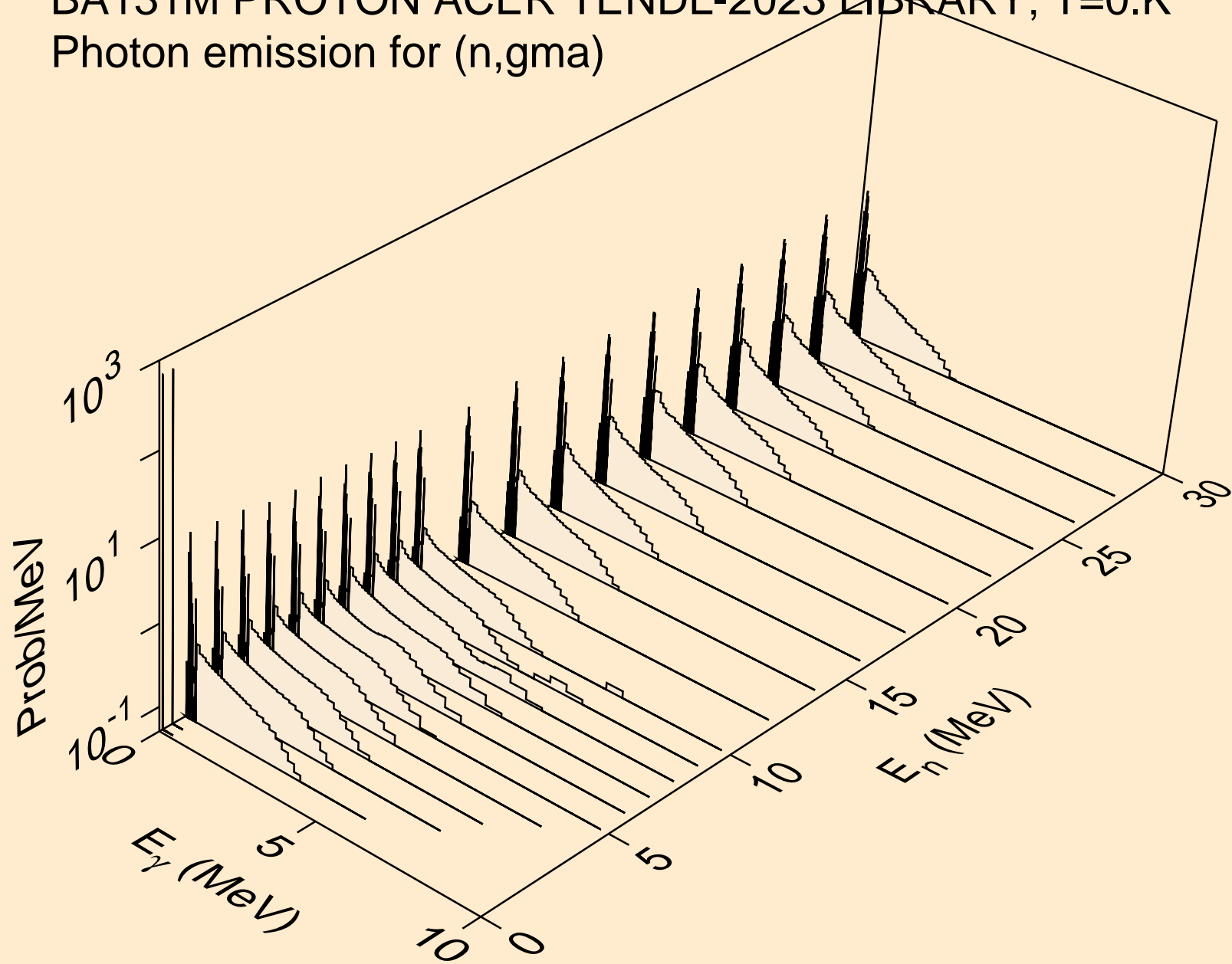
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Photon emission for (n,n2p)



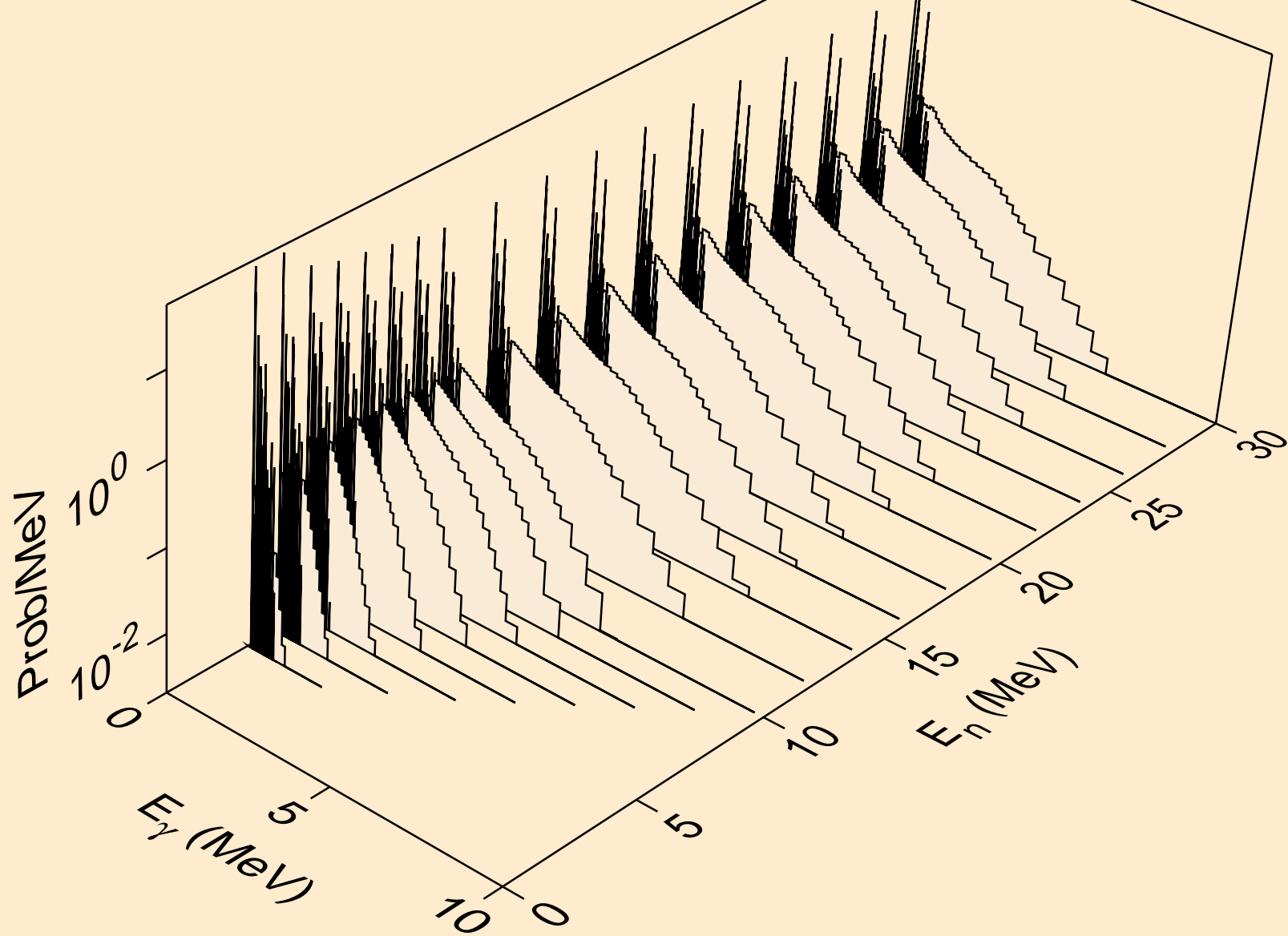
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Photon emission for (n,npa)



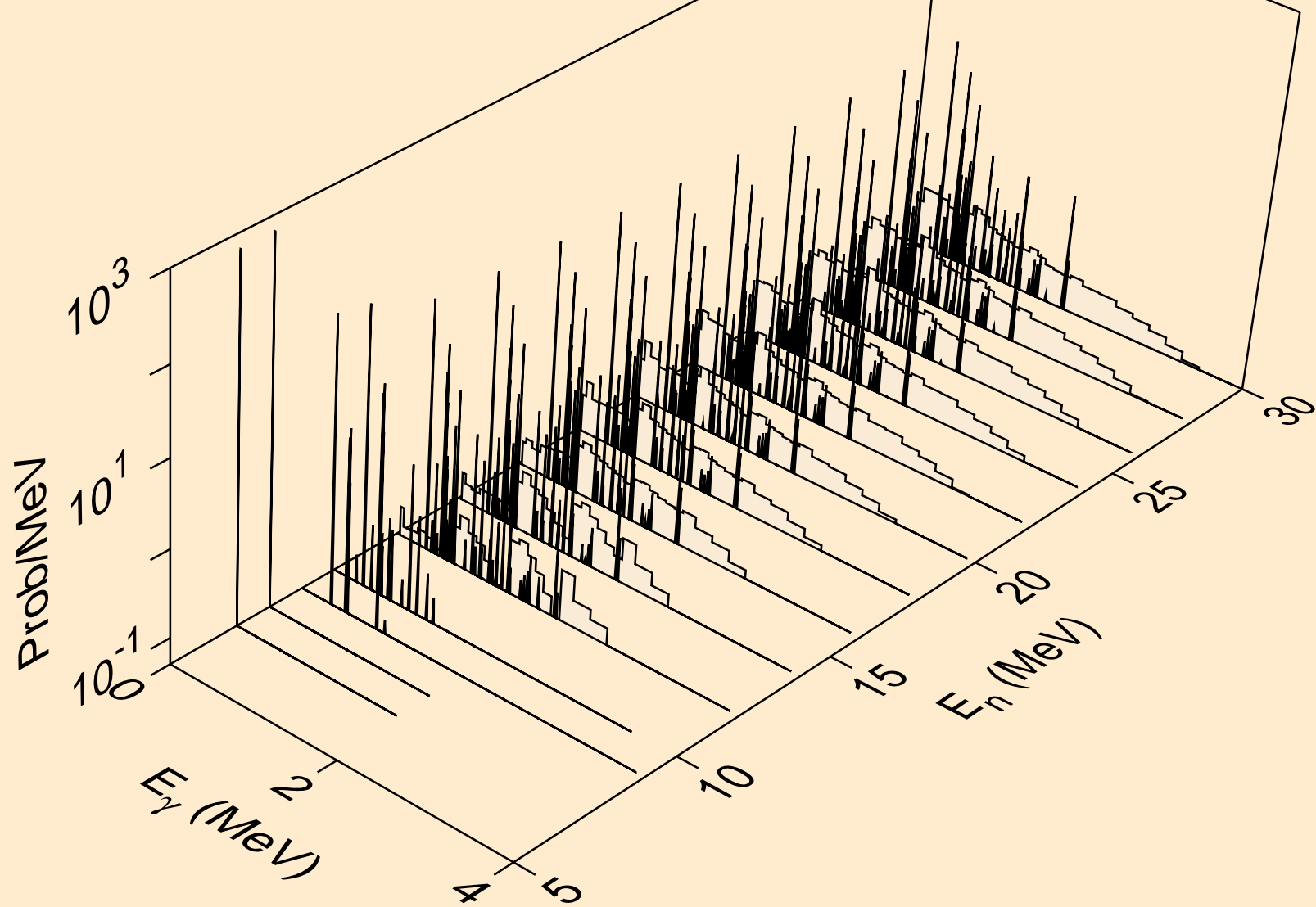
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Photon emission for (n,gma)



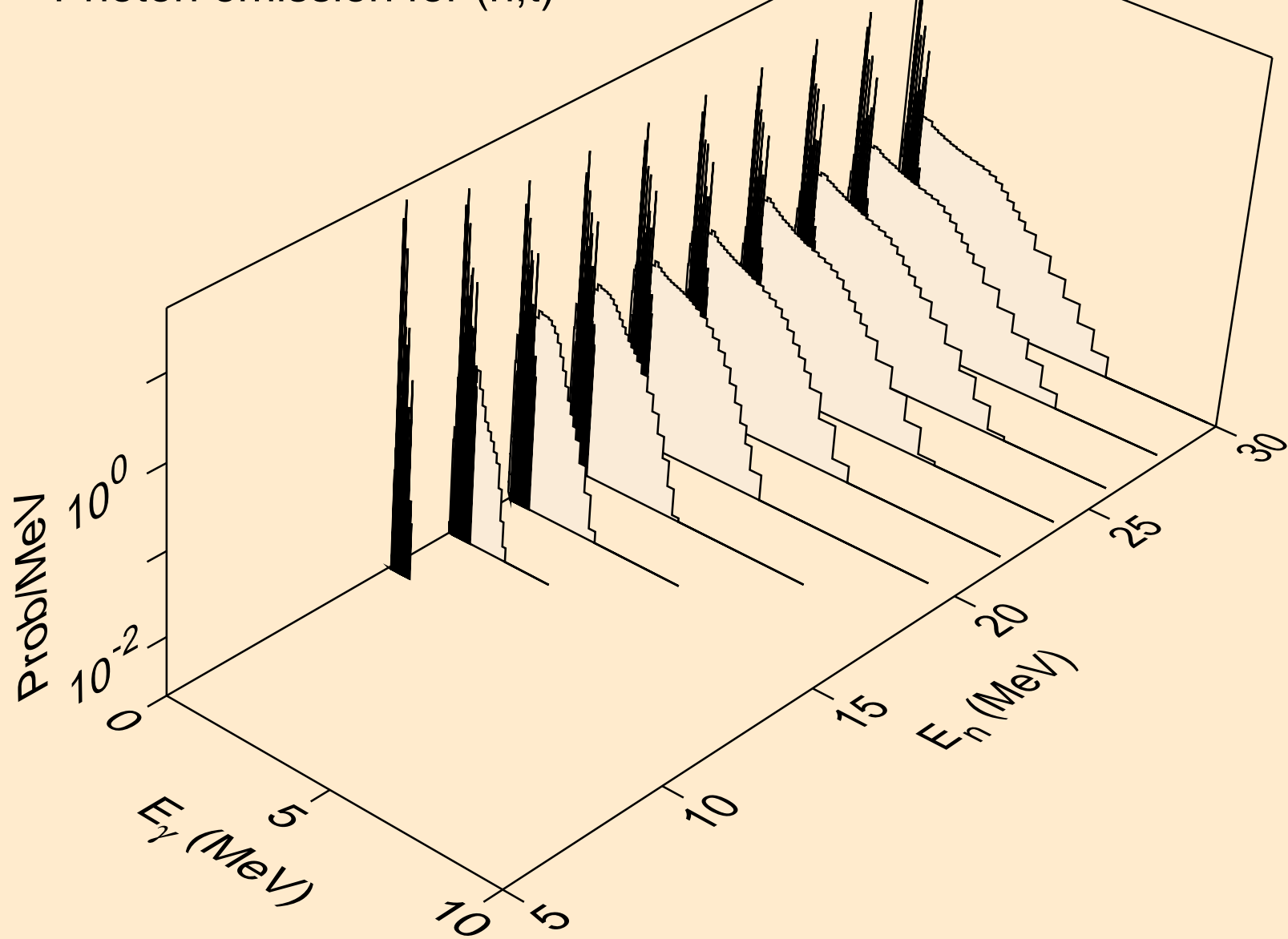
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

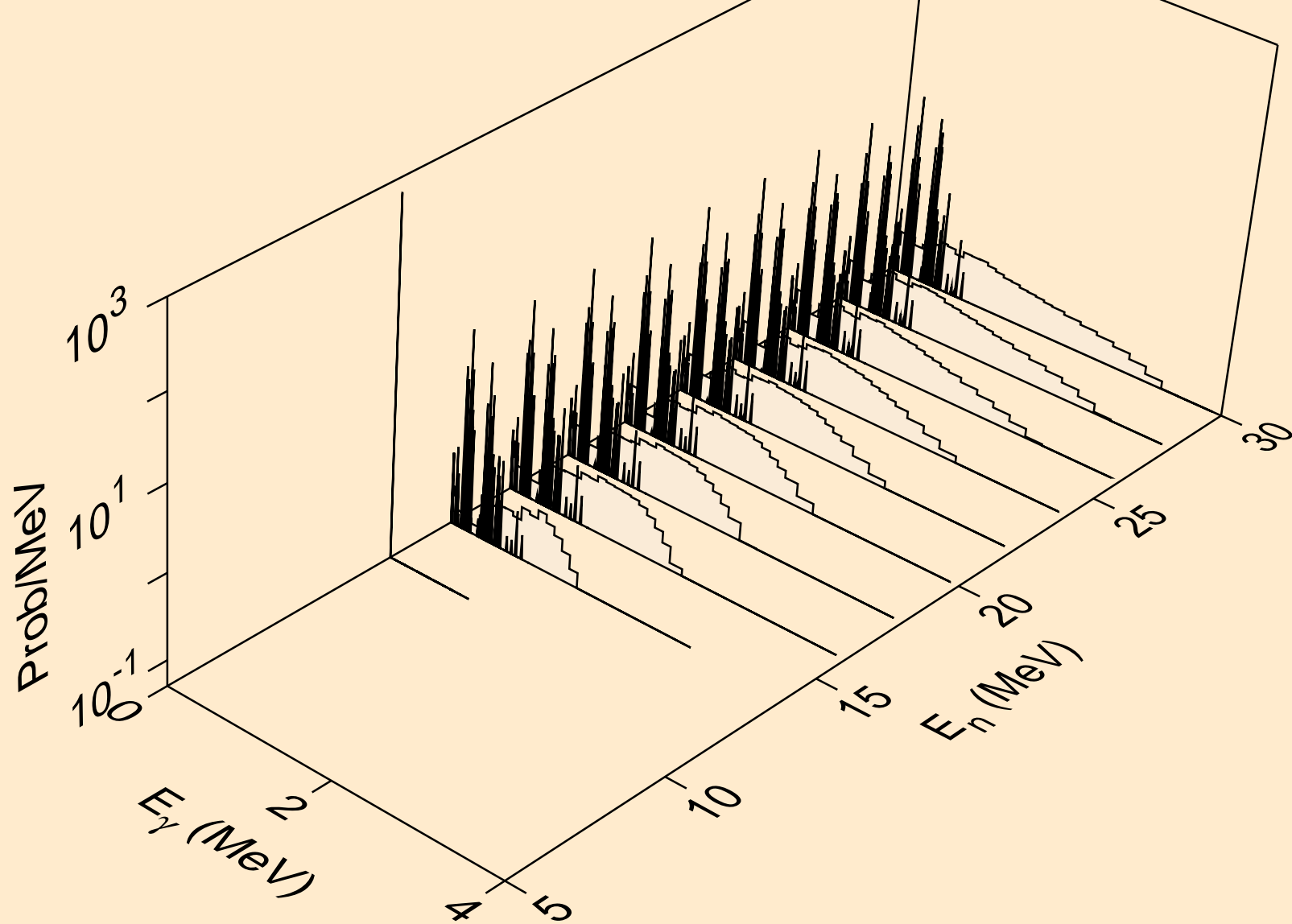


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Photon emission for (n,t)

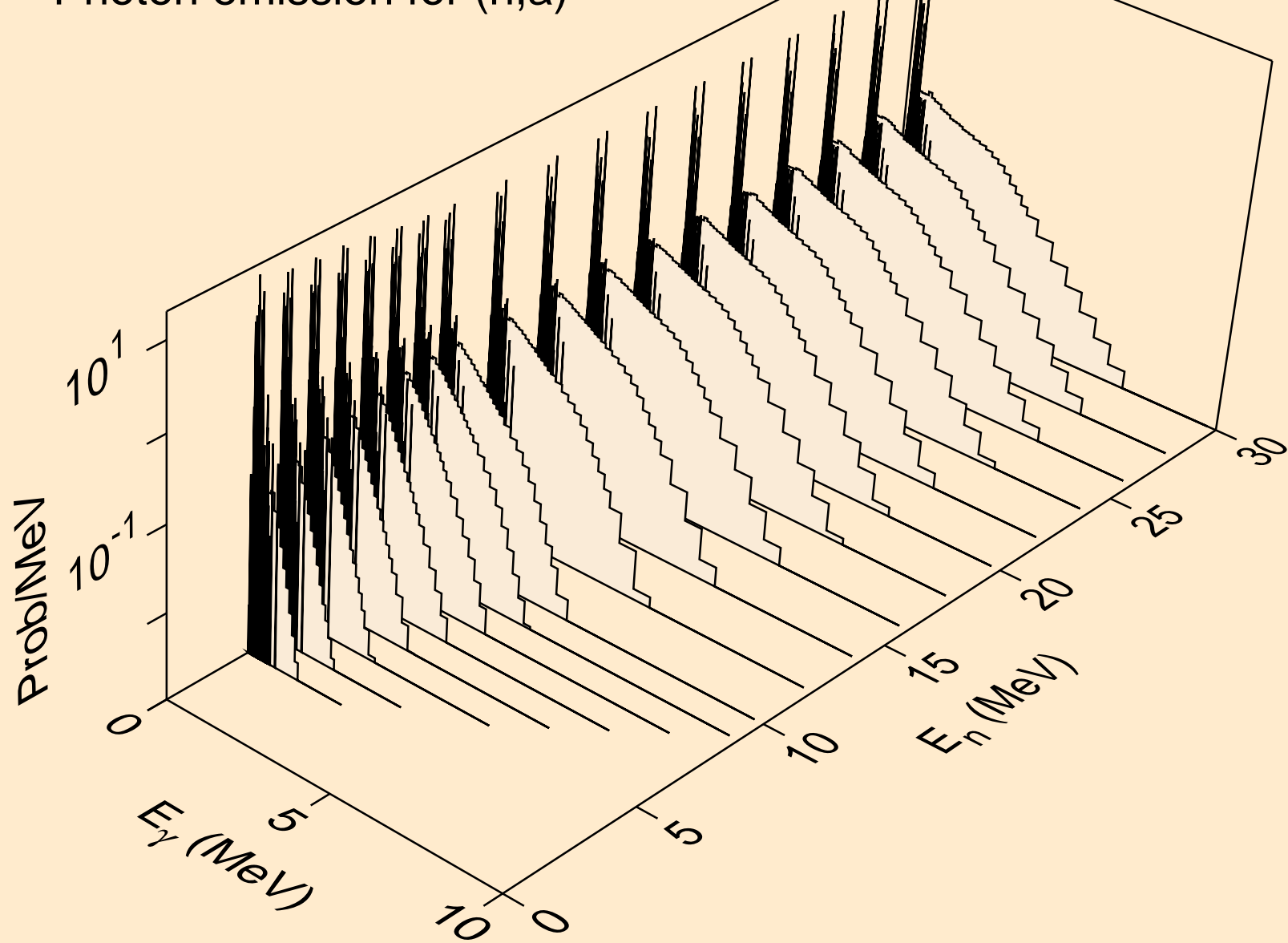




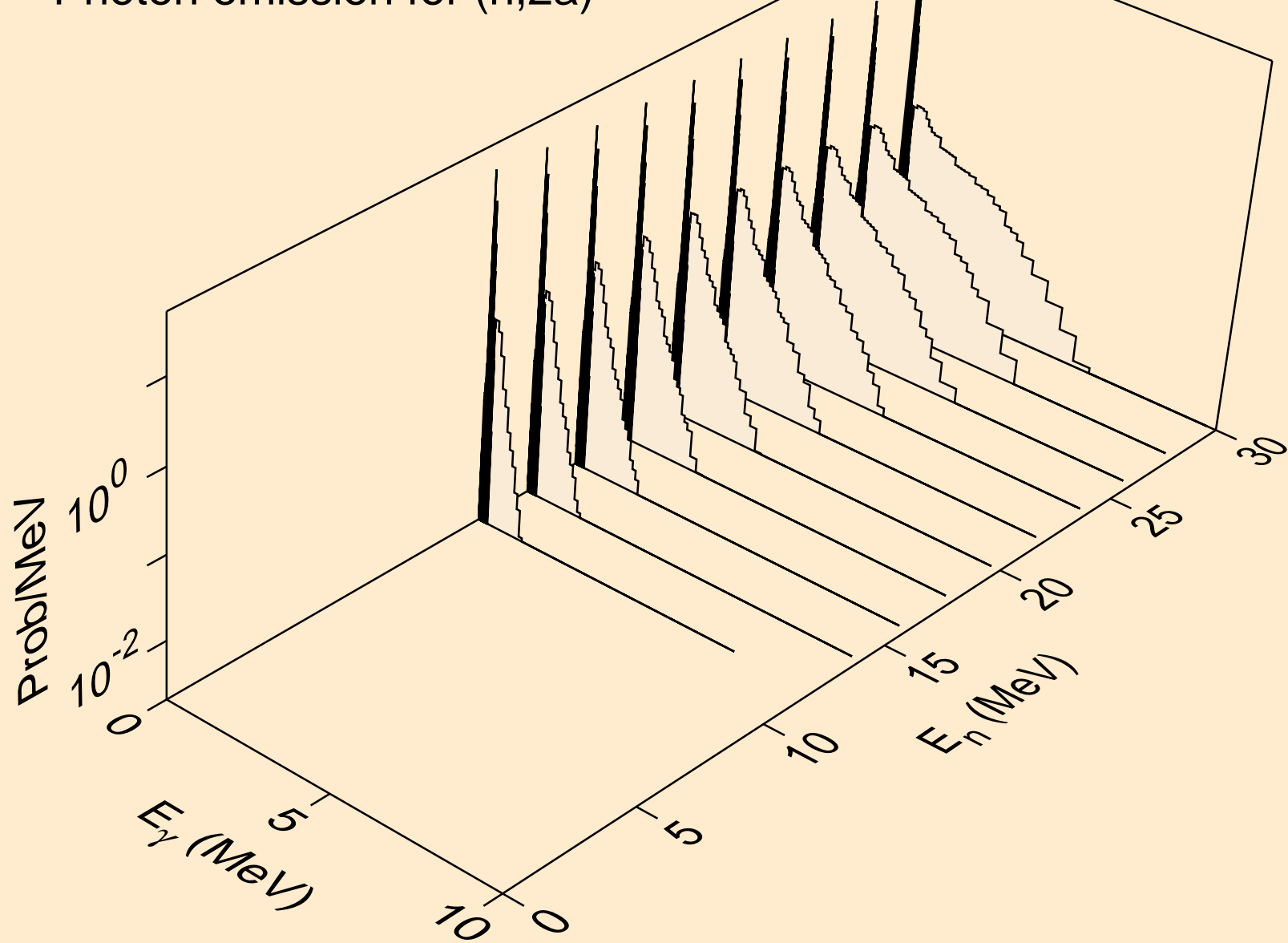
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Photon emission for (n,he3)



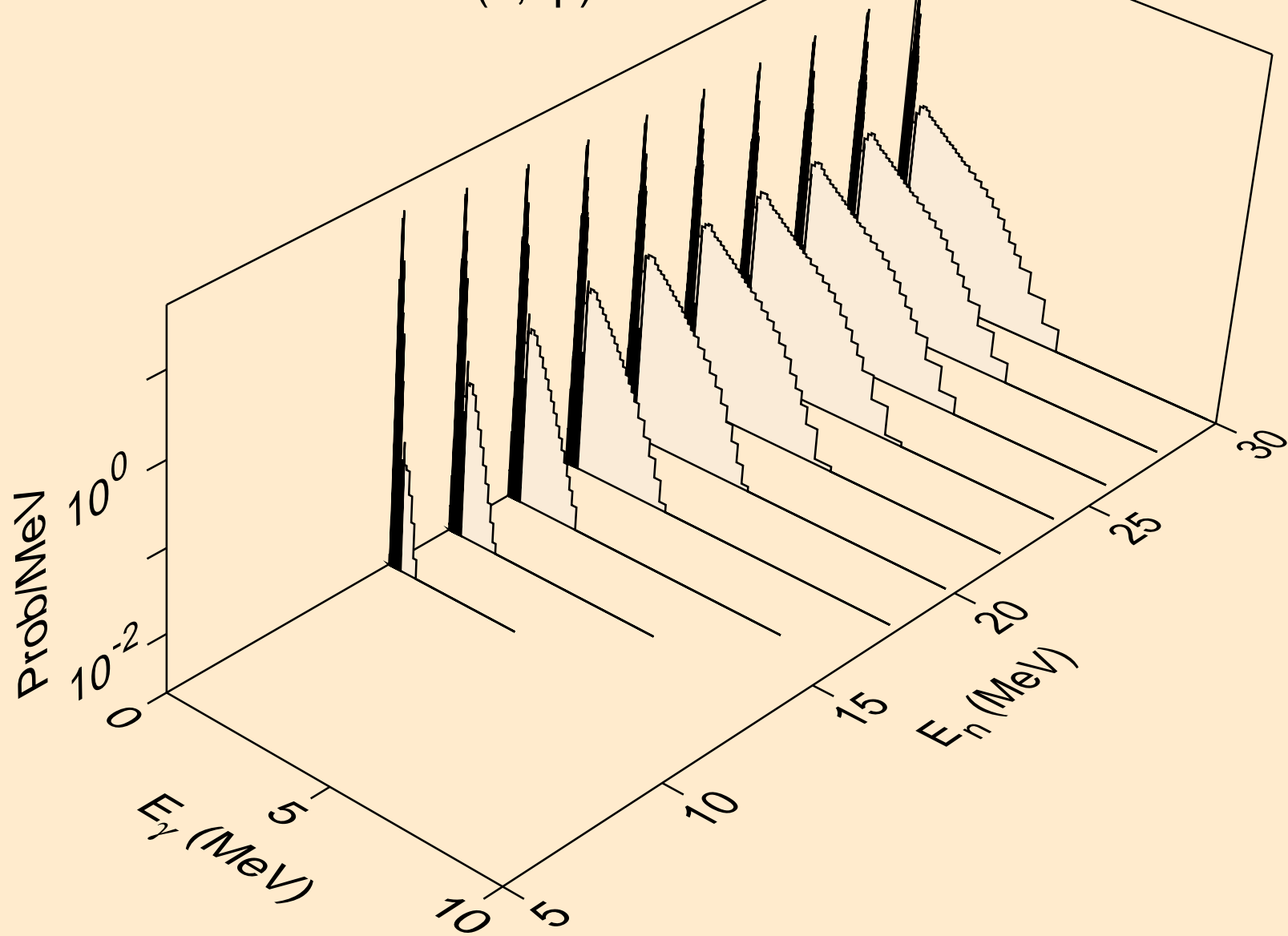
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Photon emission for (n,a)



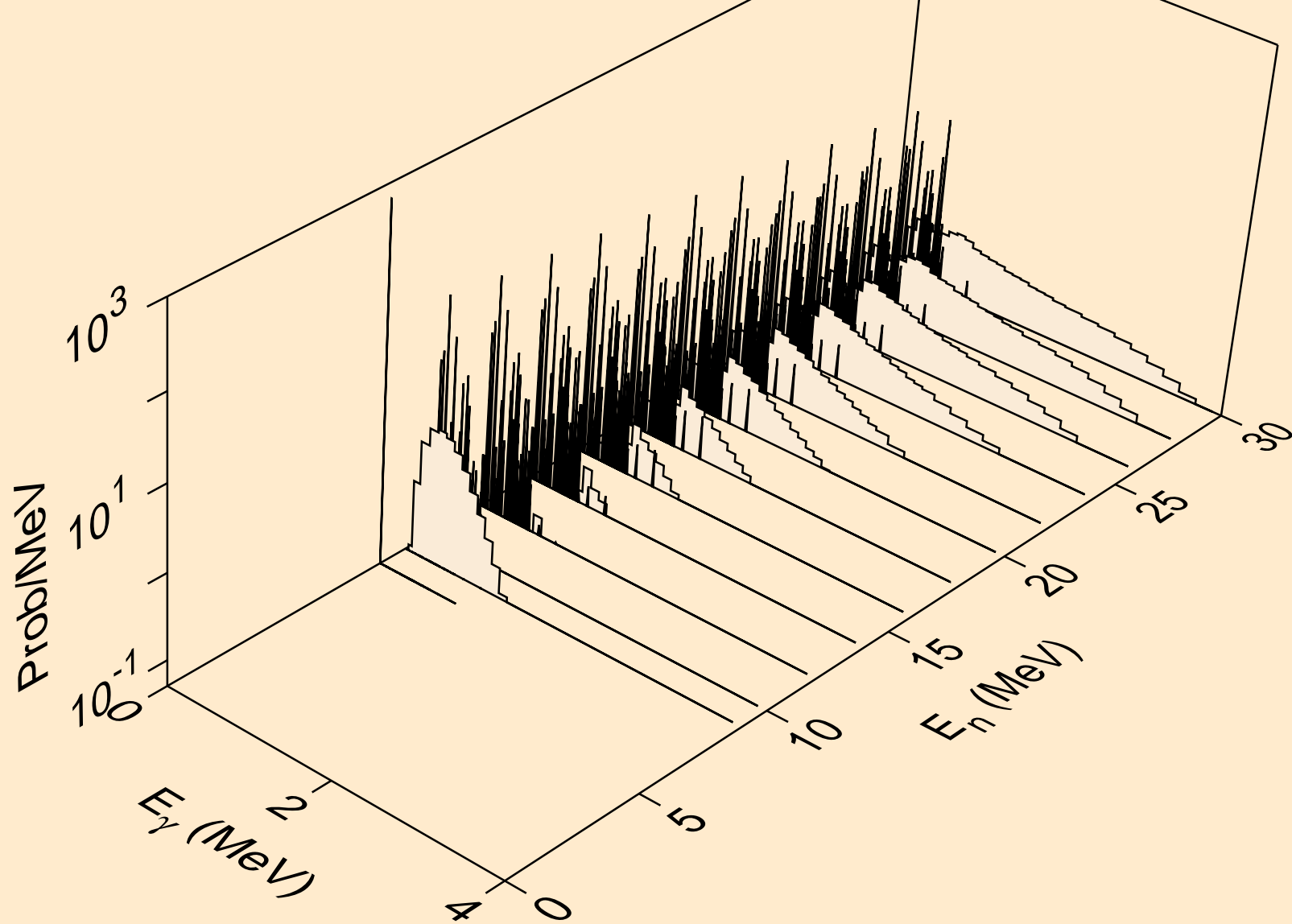
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Photon emission for (n,2a)



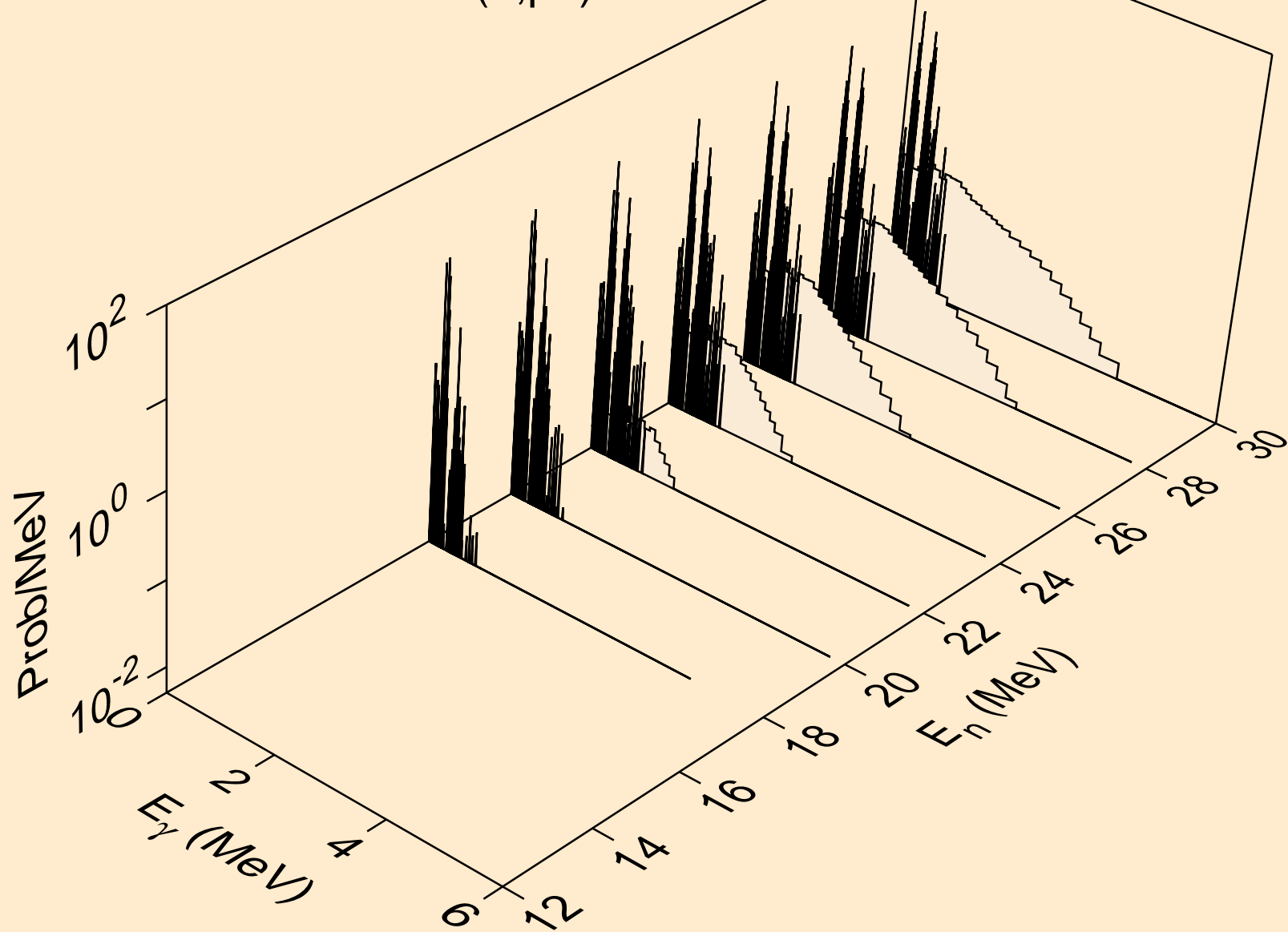
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Photon emission for (n,2p)



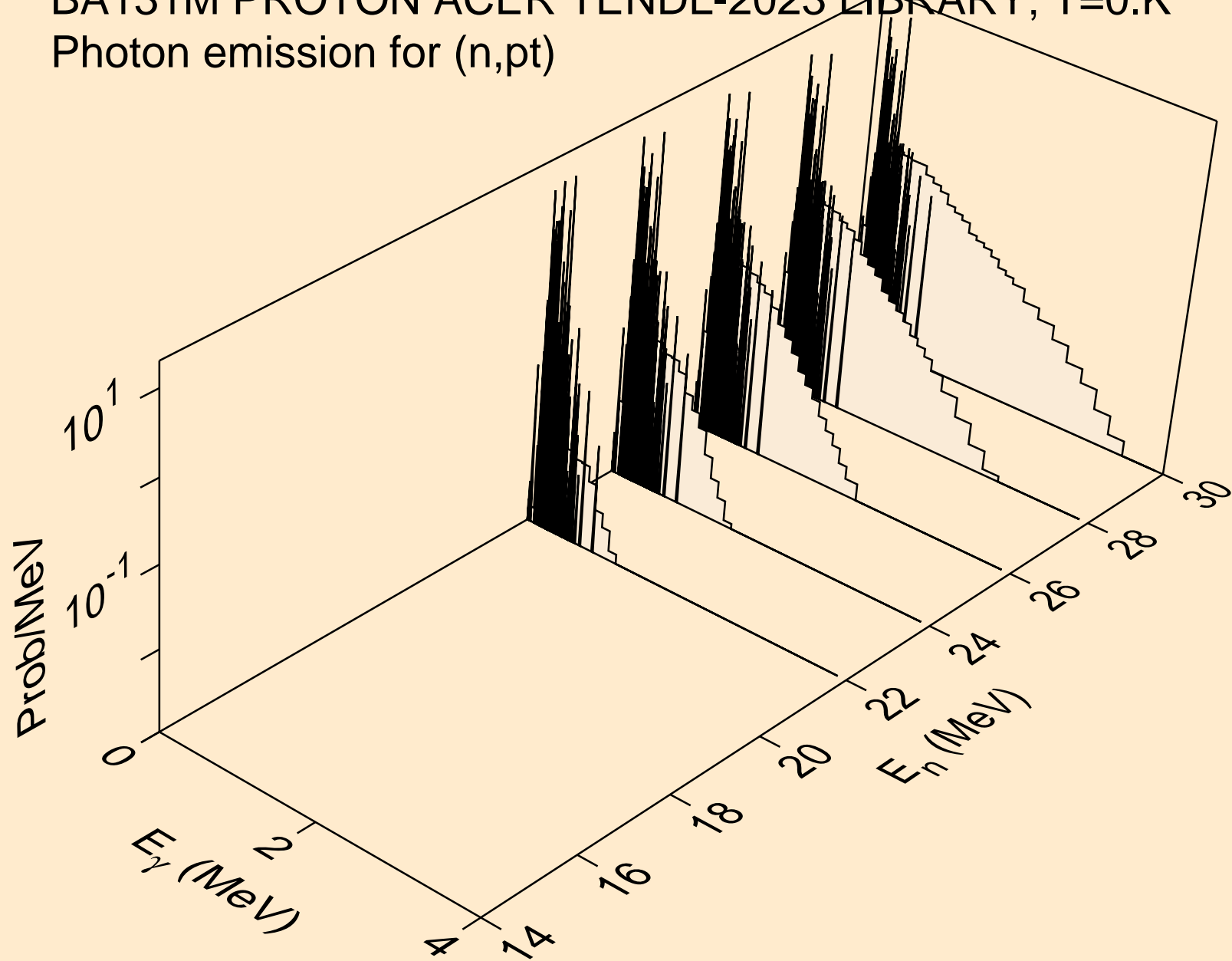
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Photon emission for (n,pa)



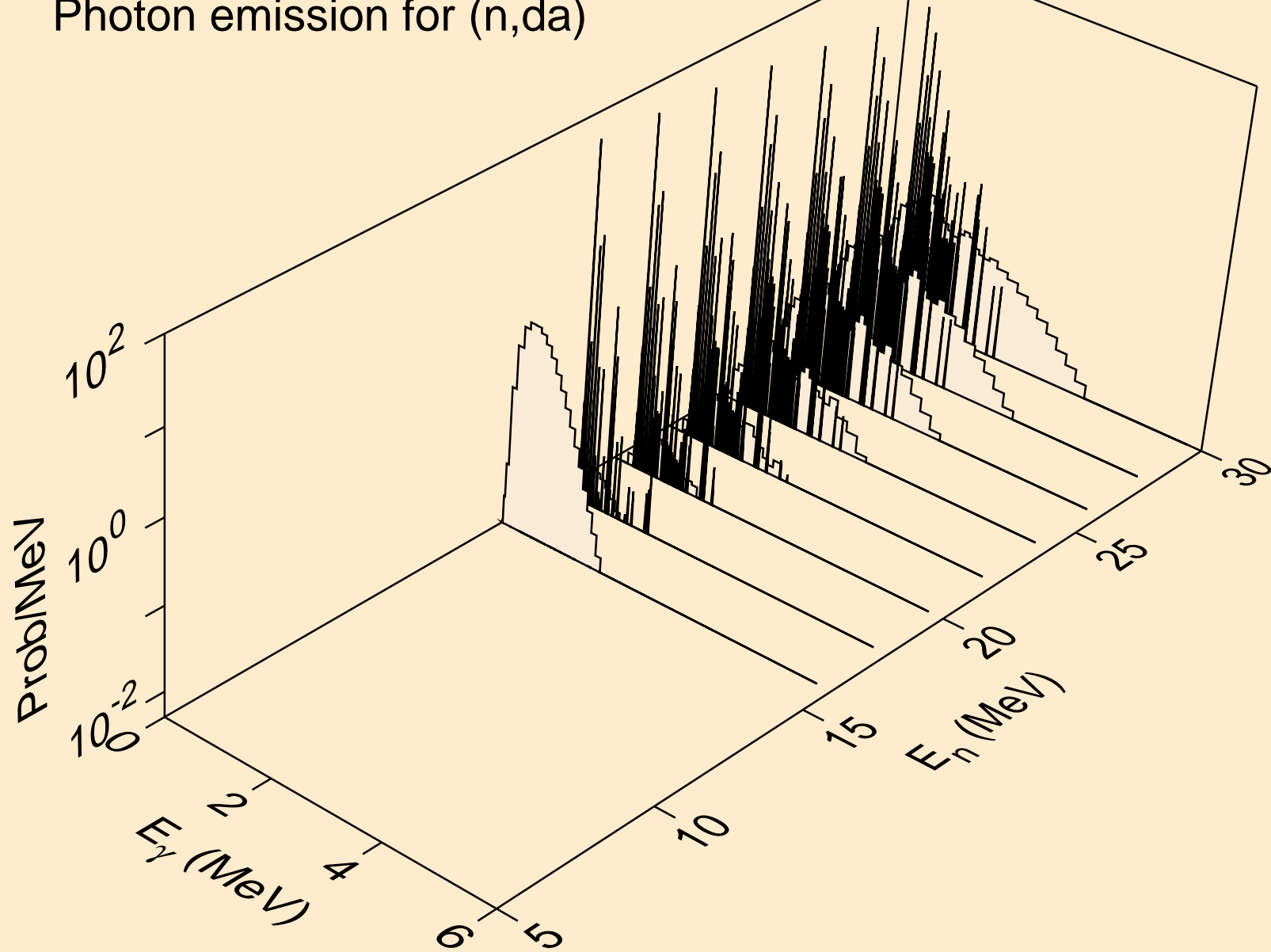
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



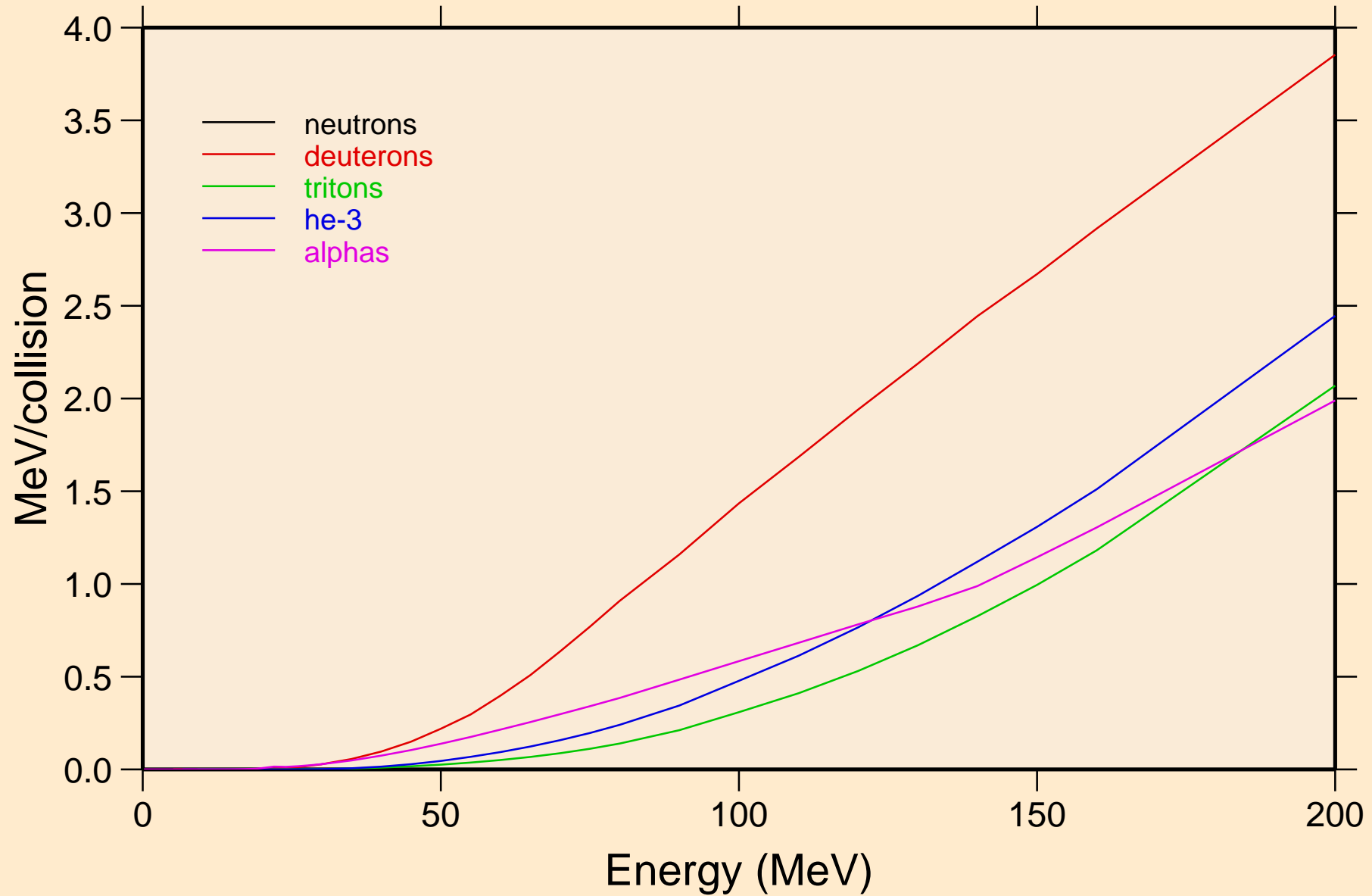
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Photon emission for (n,da)



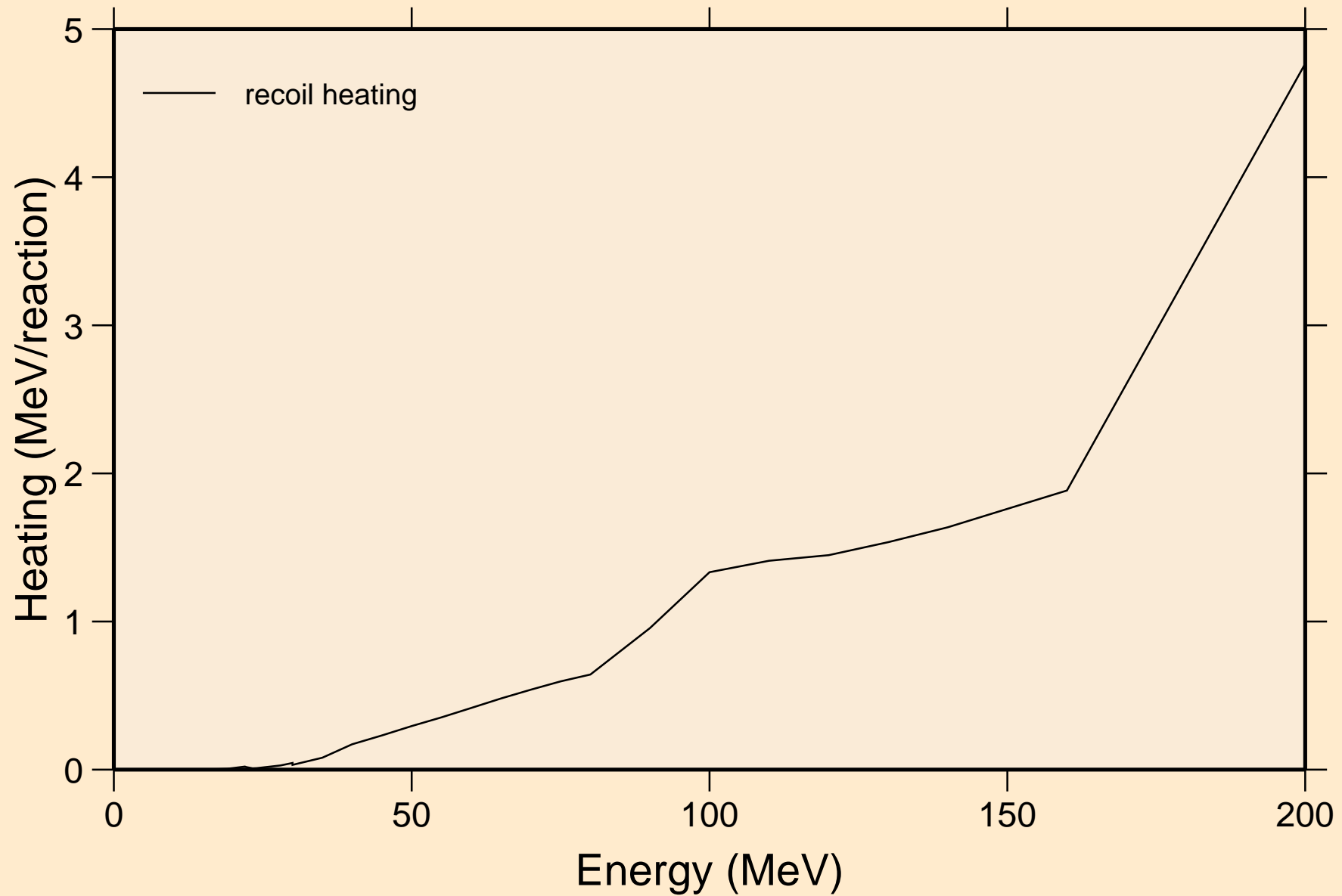


# BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K

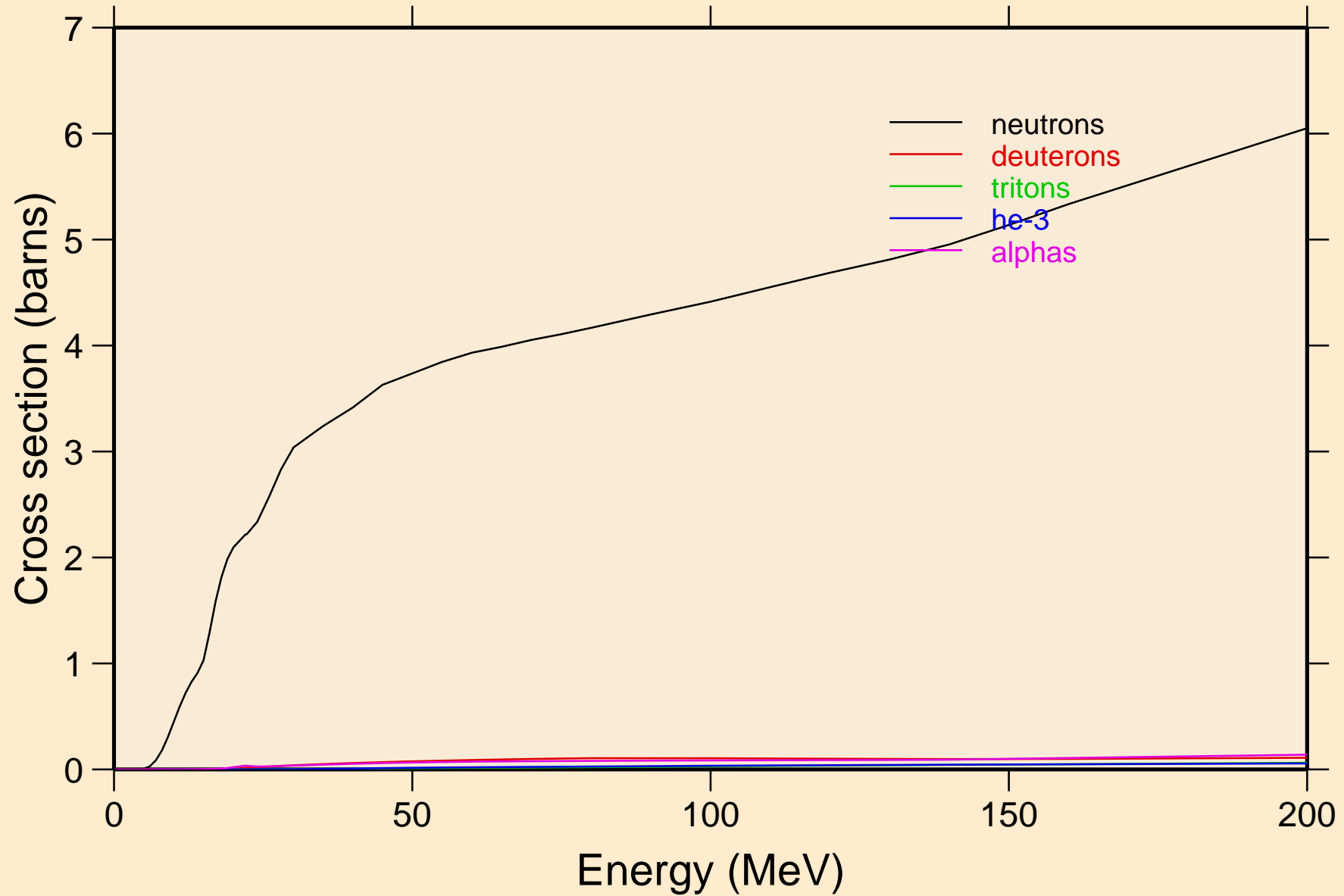
## Particle heating contributions



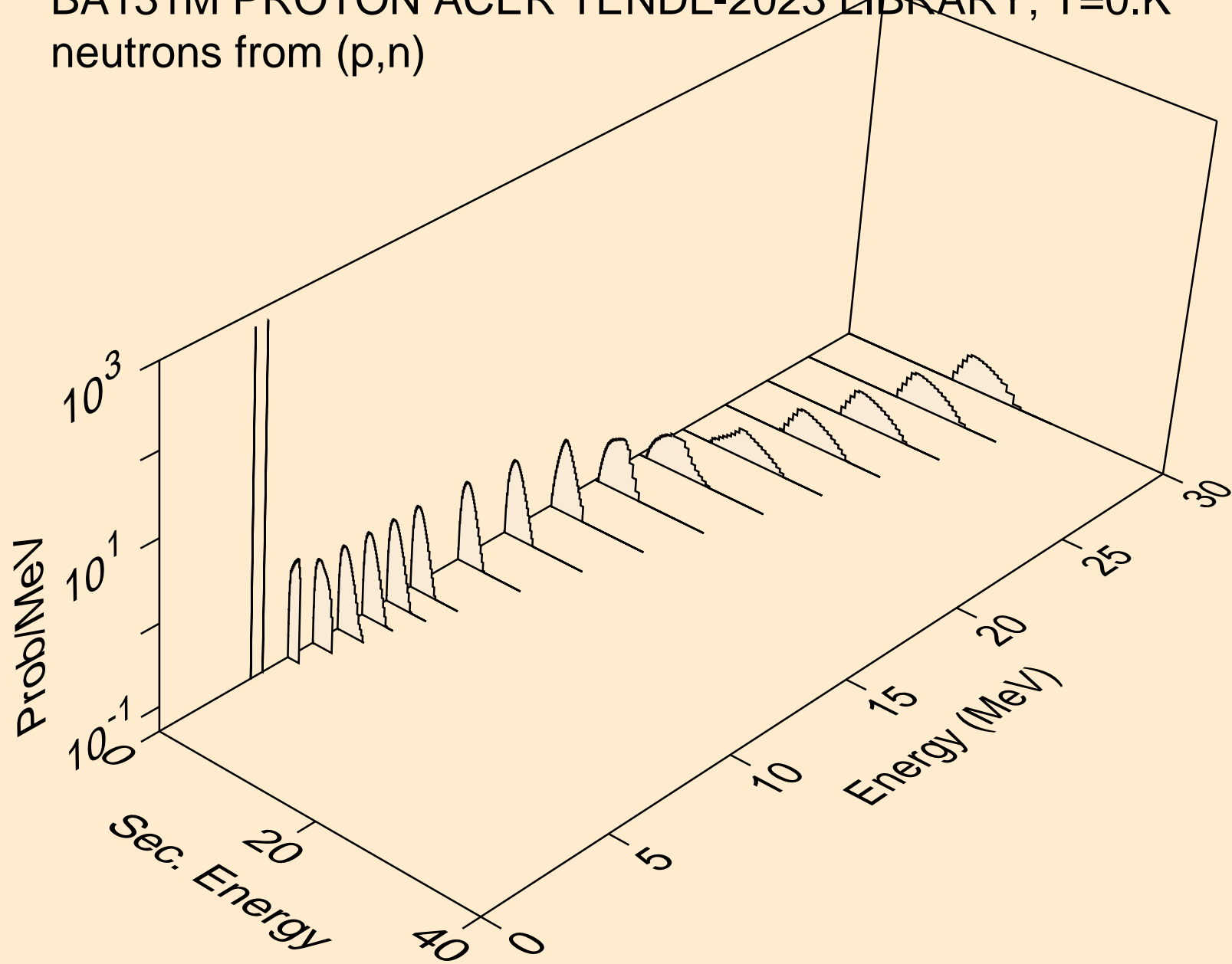
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



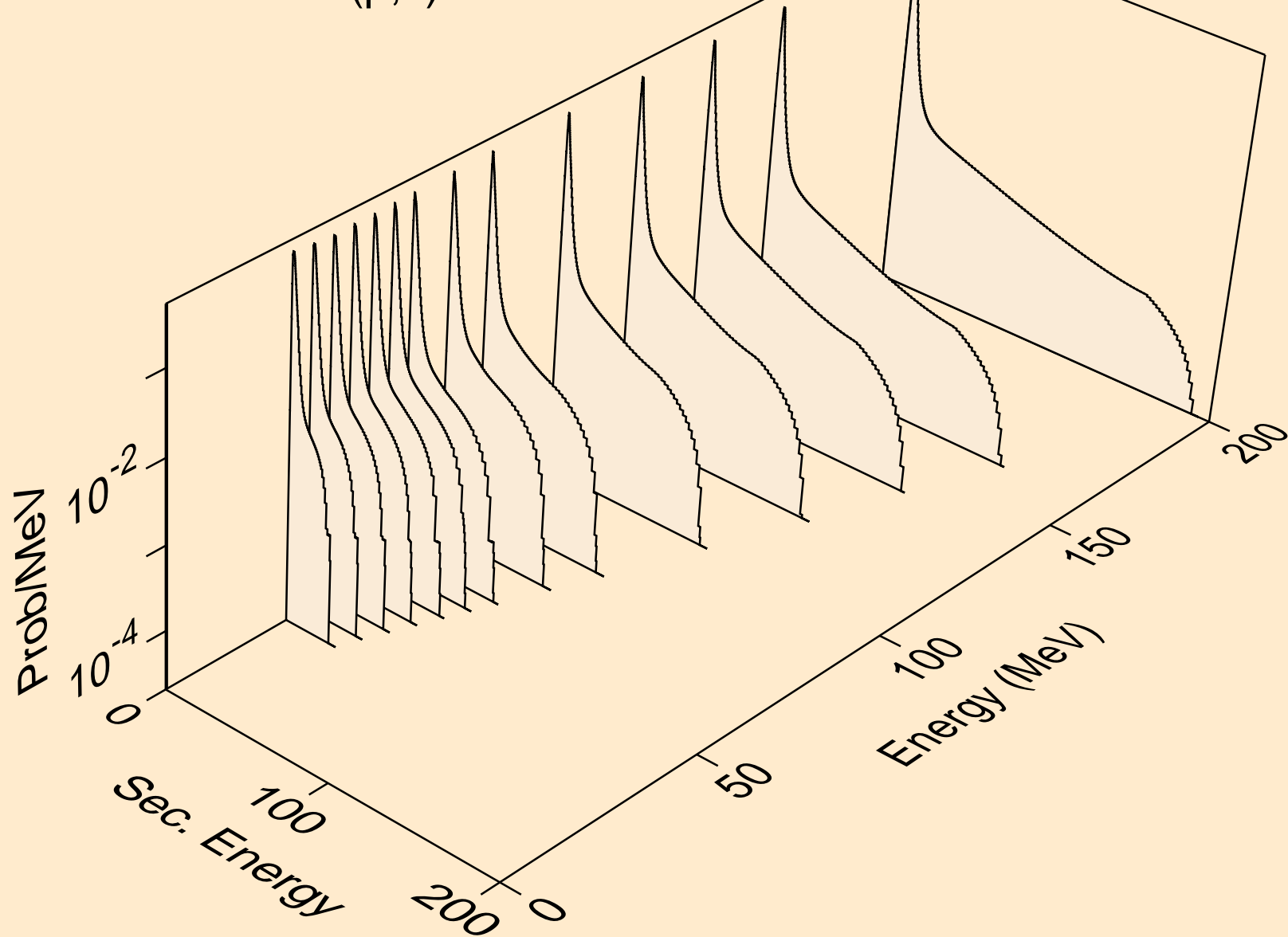
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



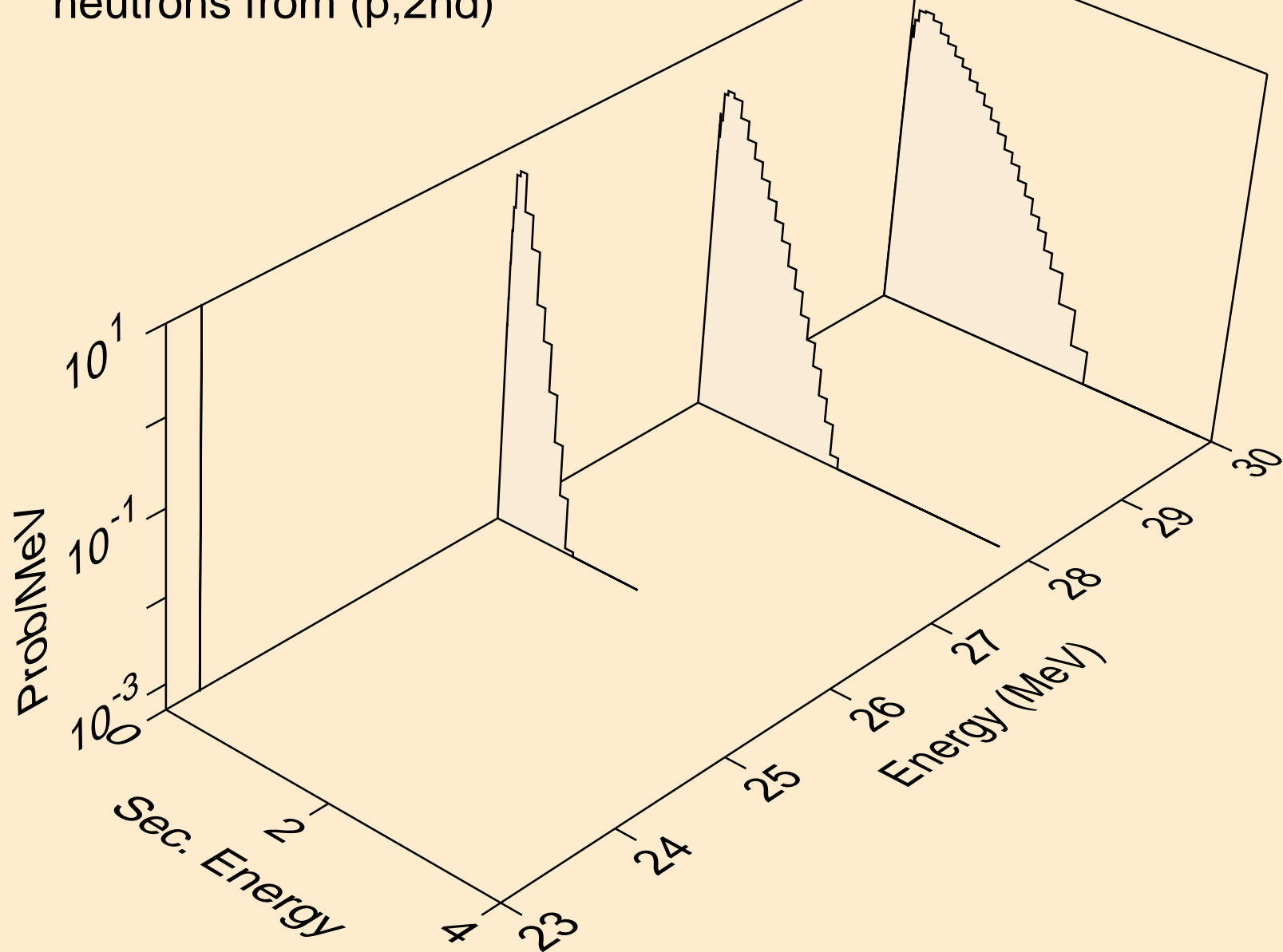
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



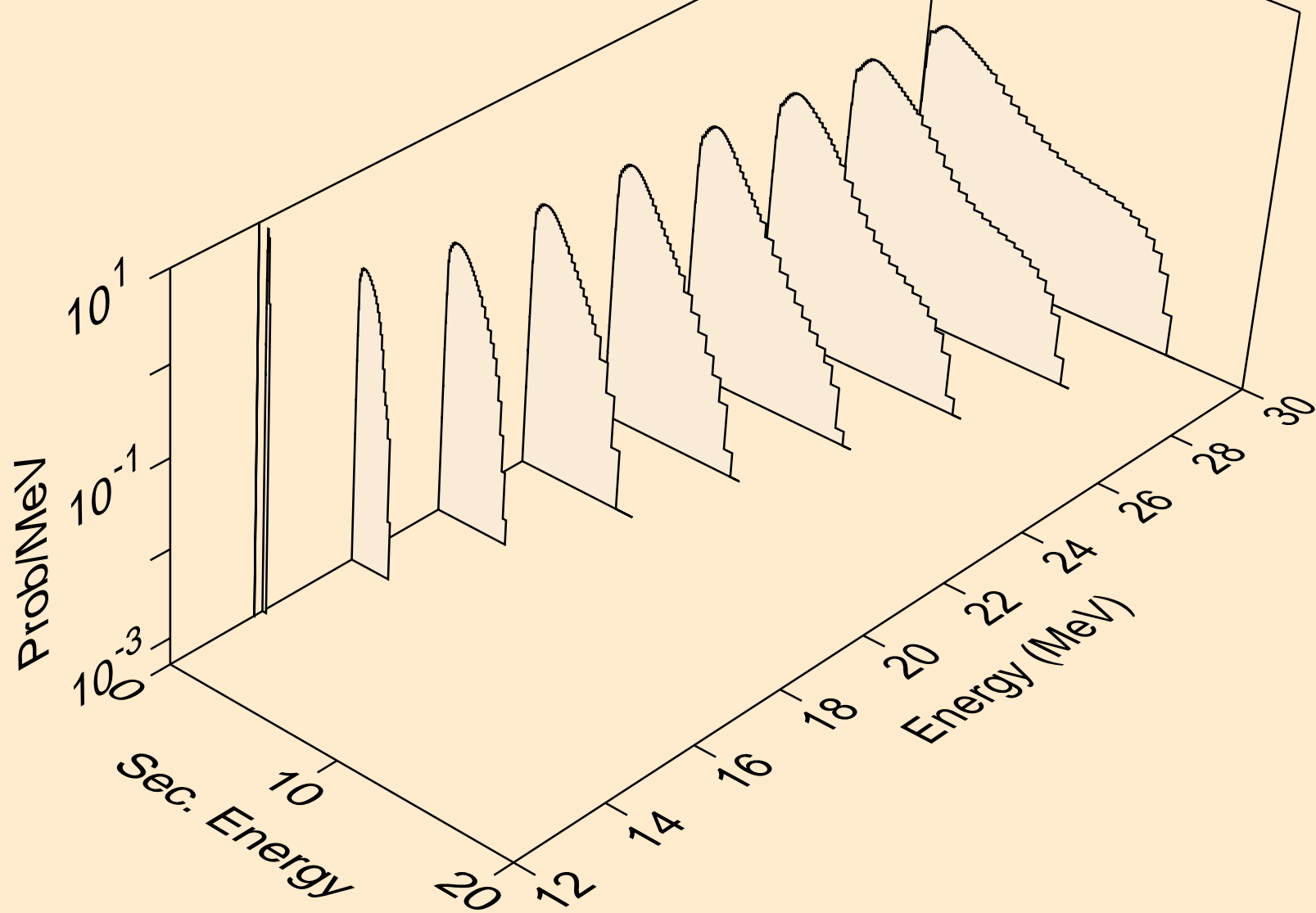
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



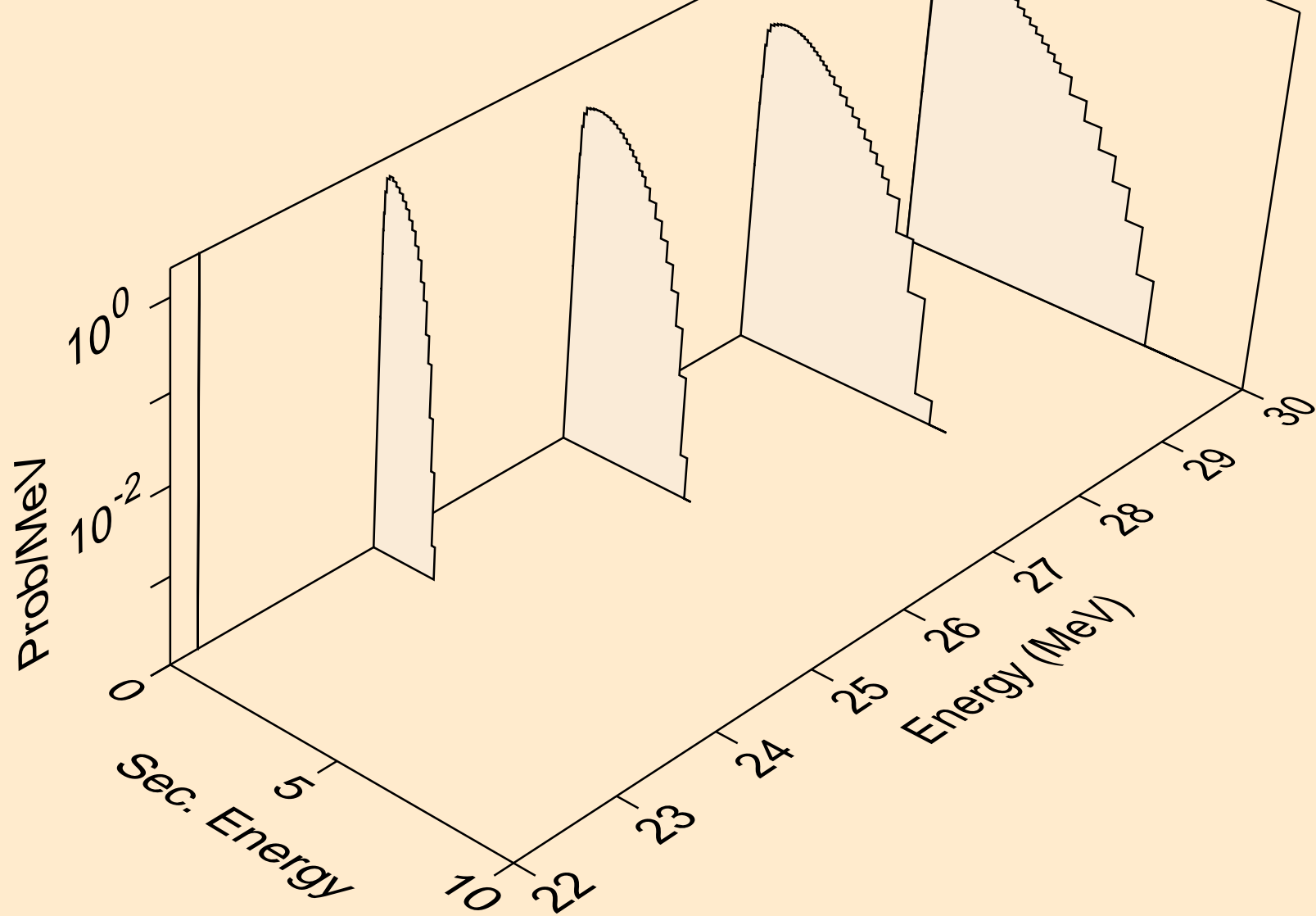
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

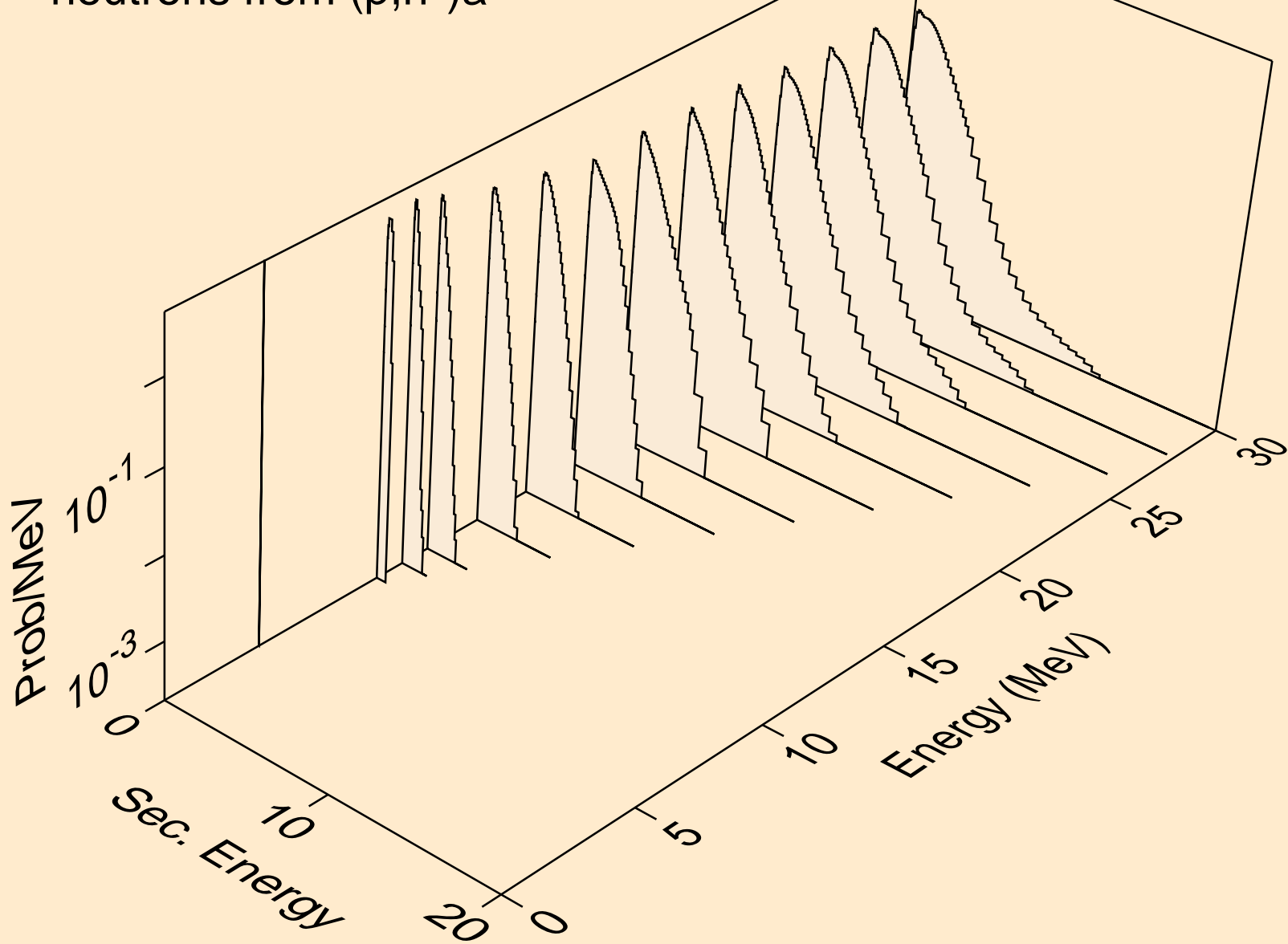


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neutrons from (p,3n)

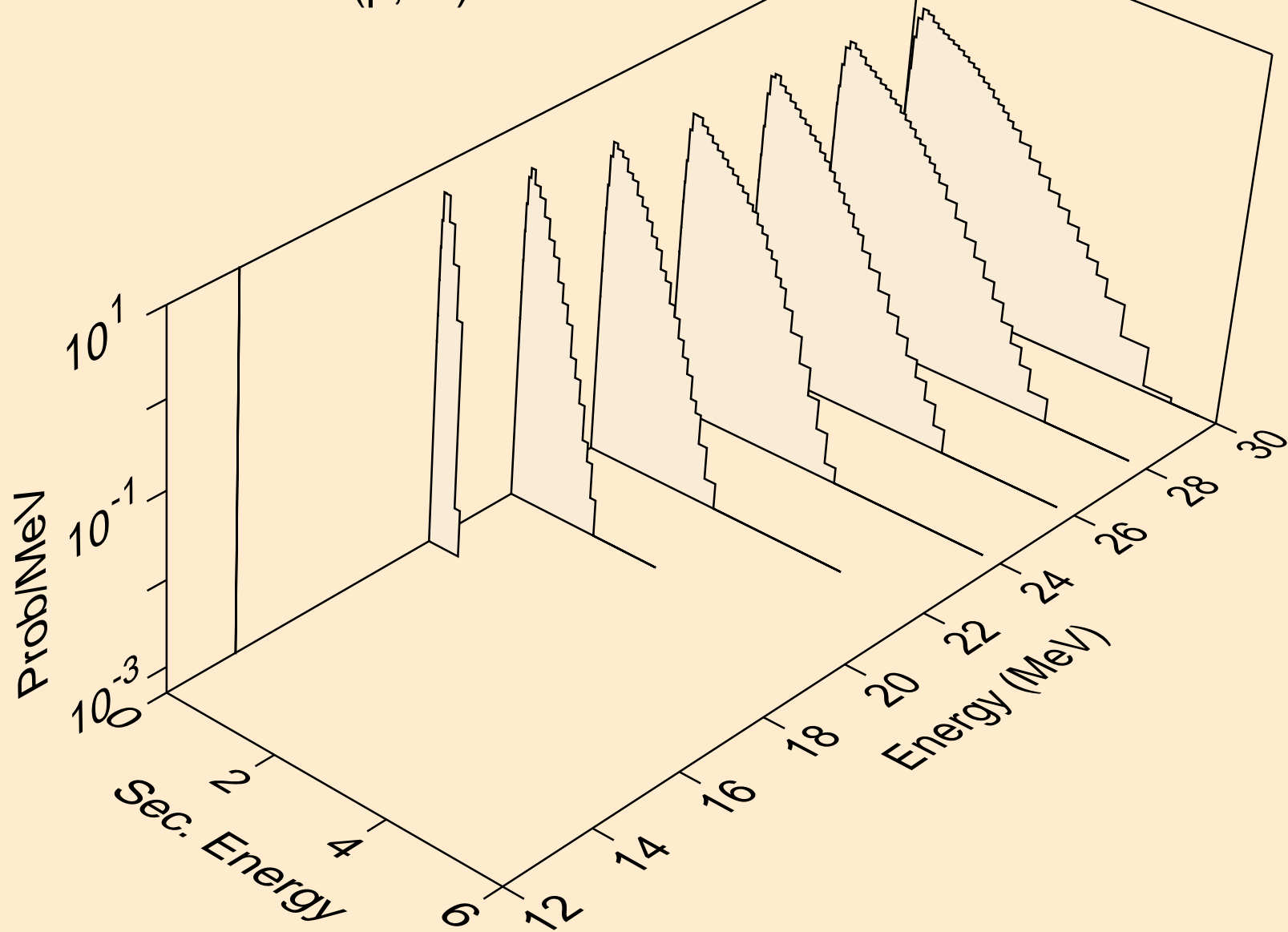




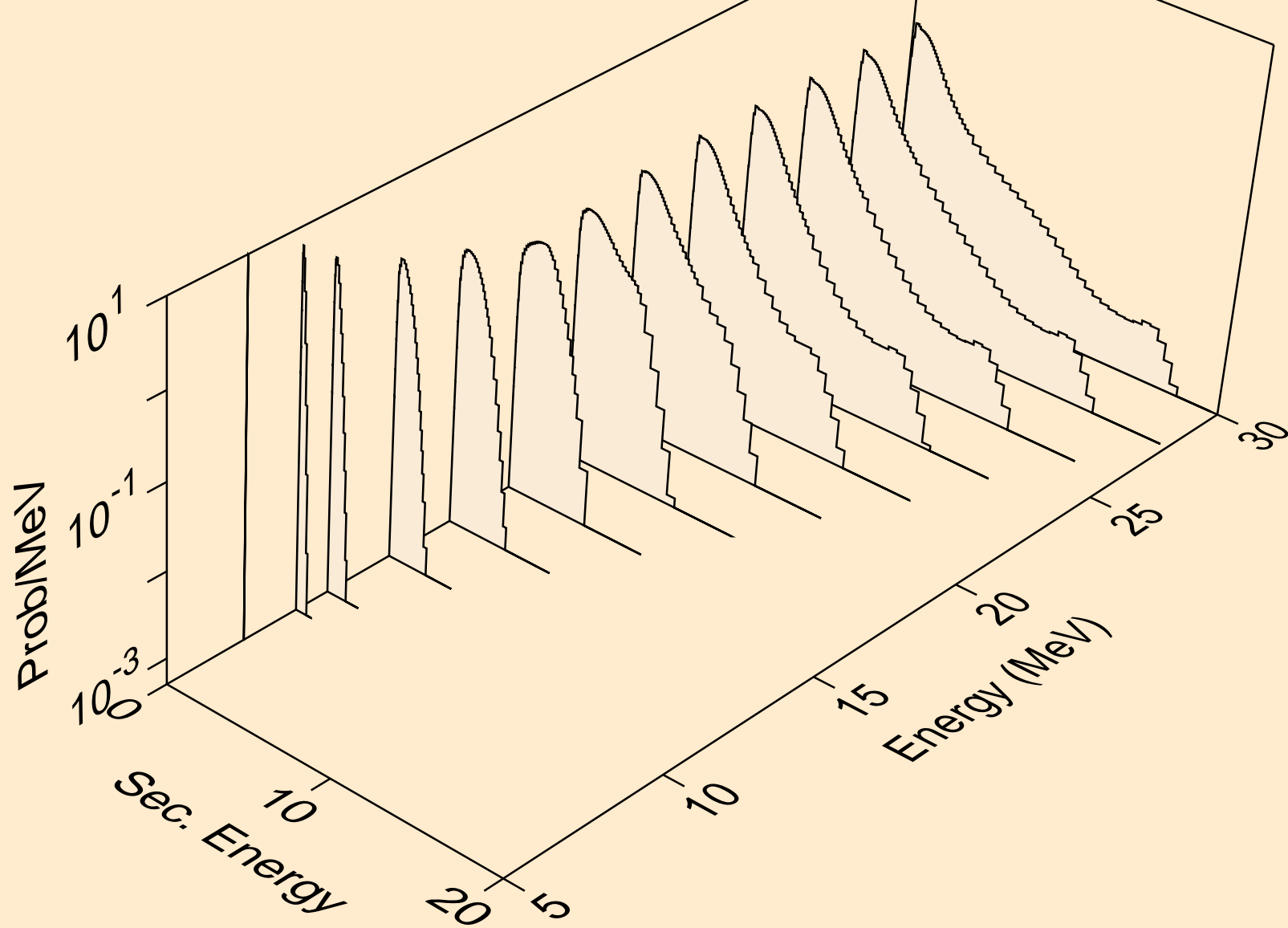
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



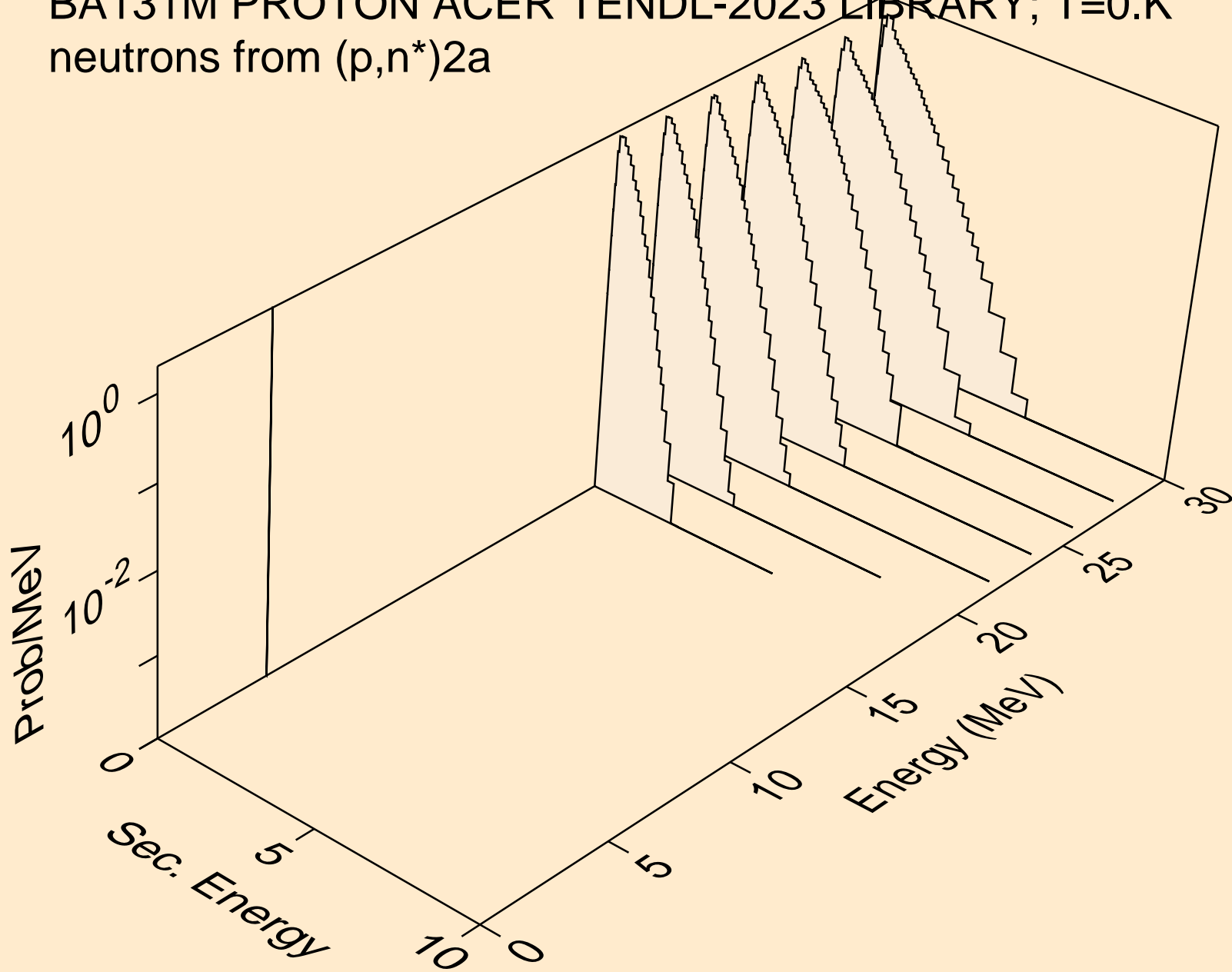
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neutrons from (p,2n)a



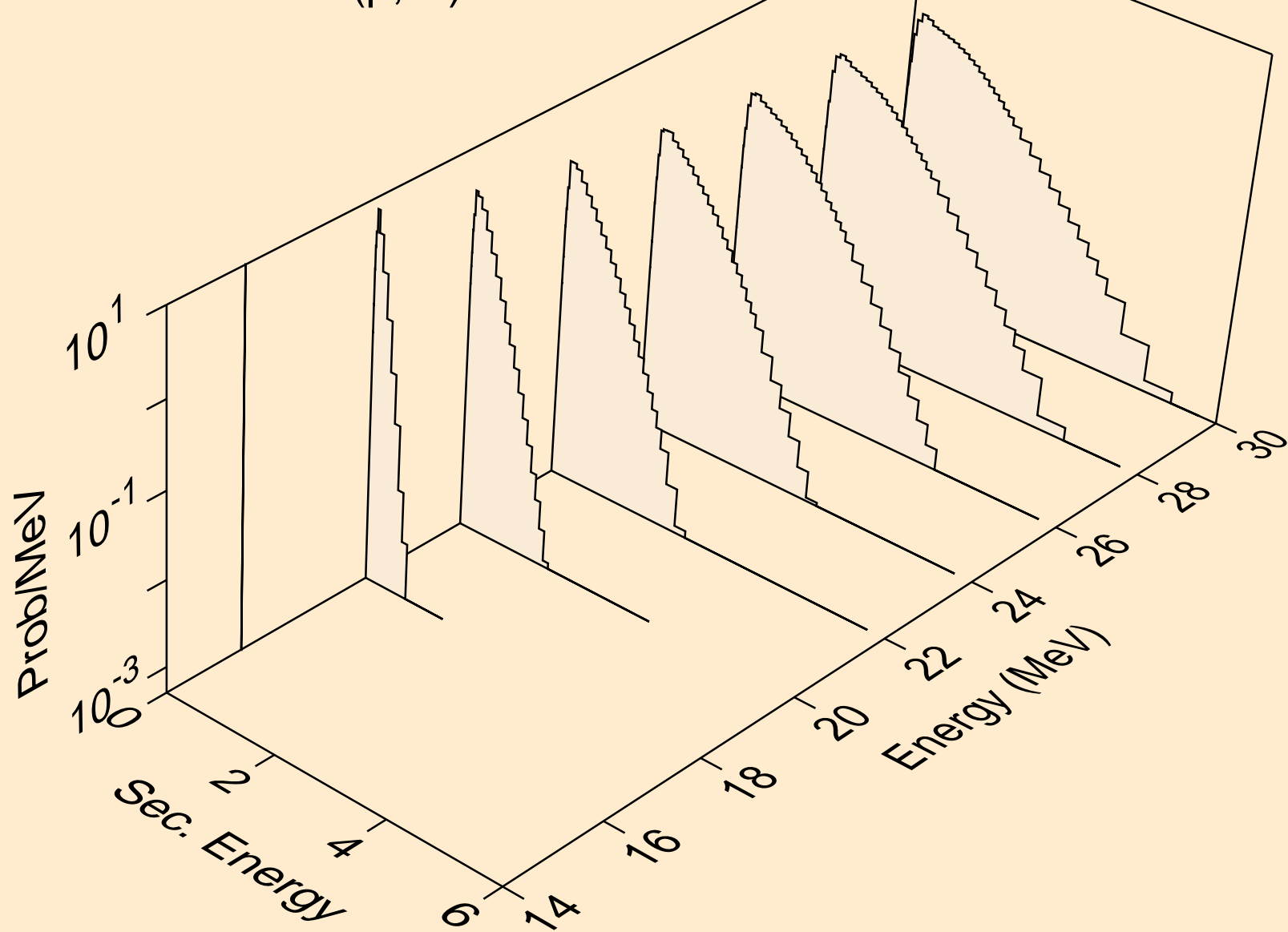
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neutrons from (p,n\*)p



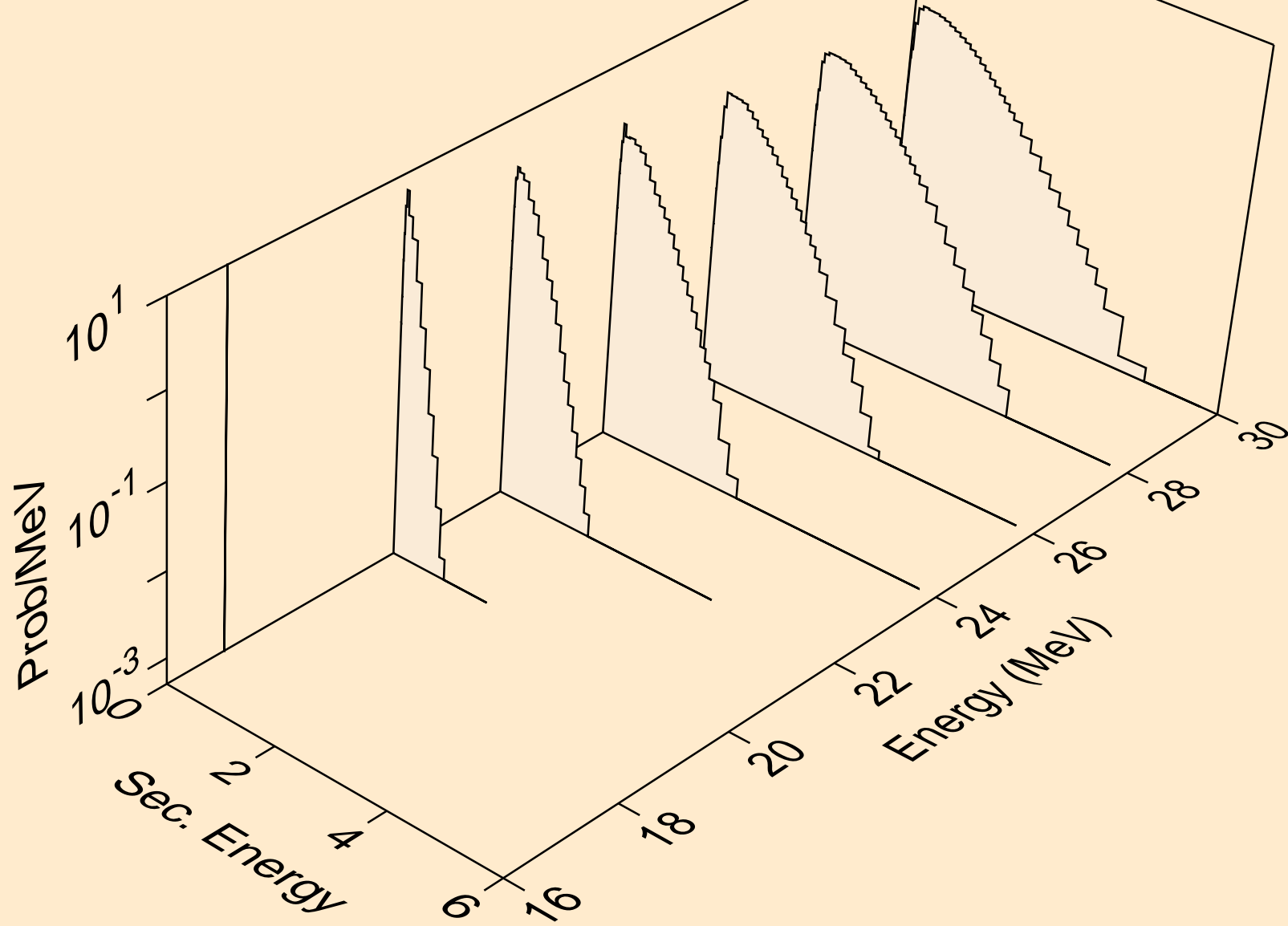
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neutrons from (p,n\*)2a



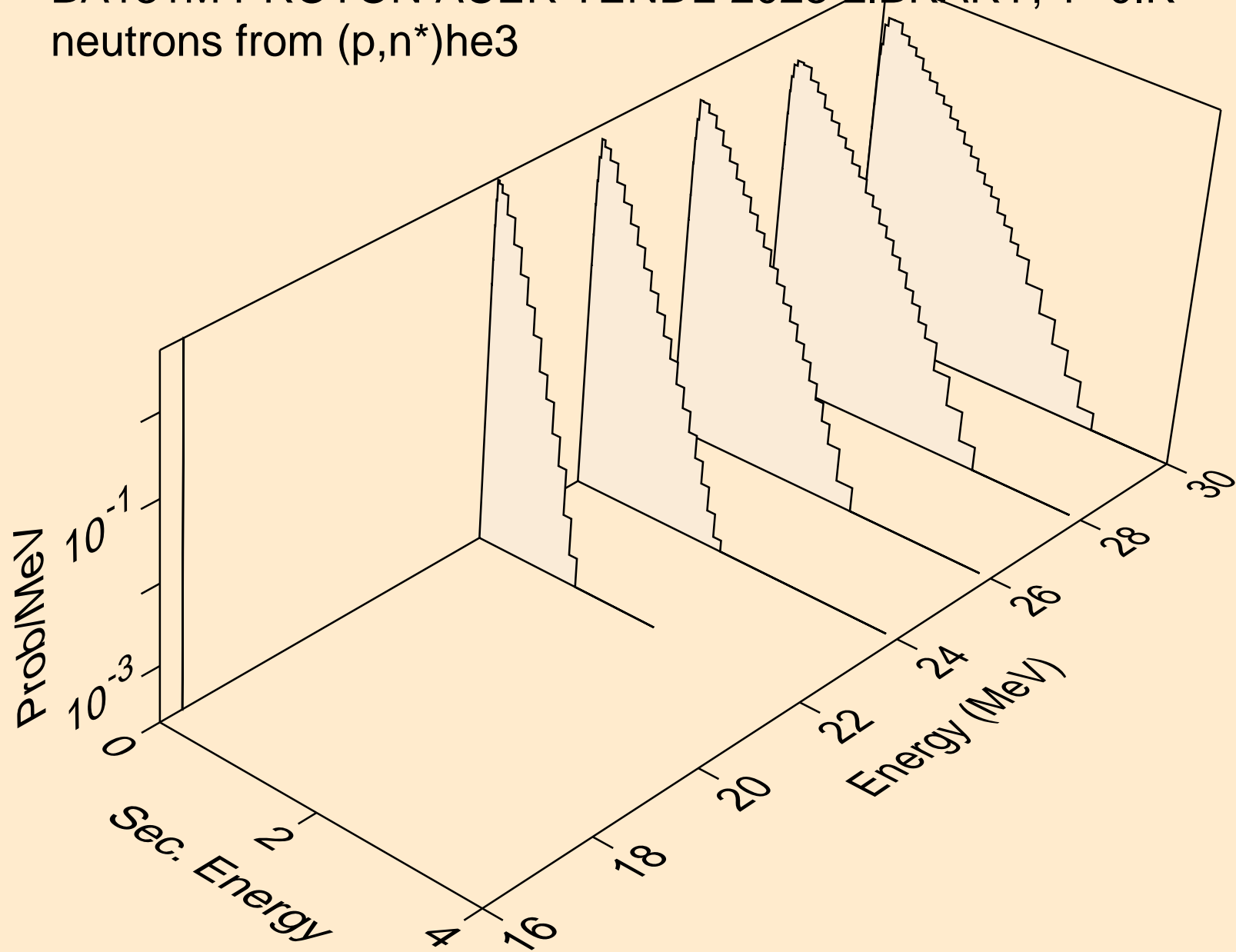
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neutrons from (p,n\*)d



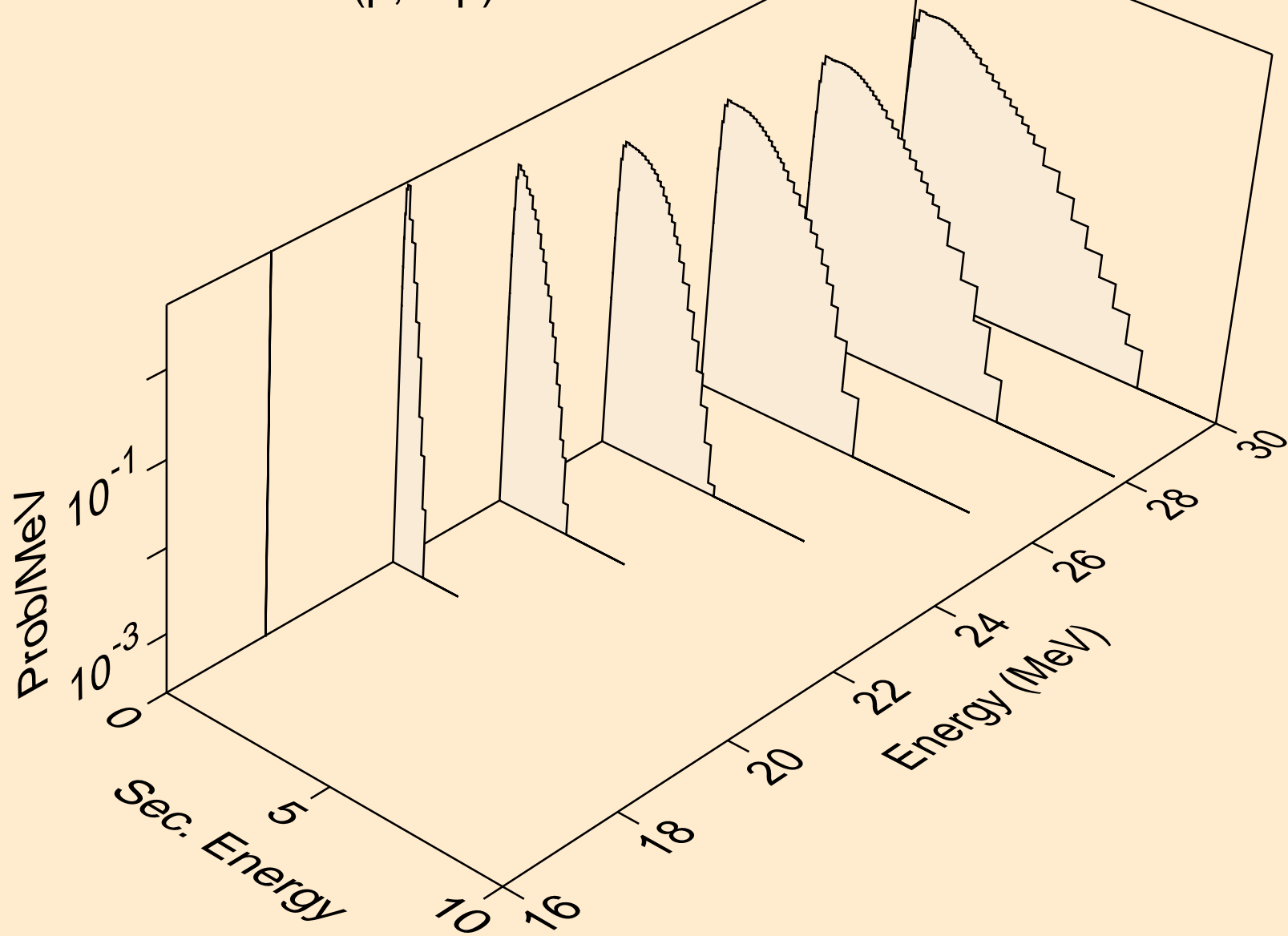
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

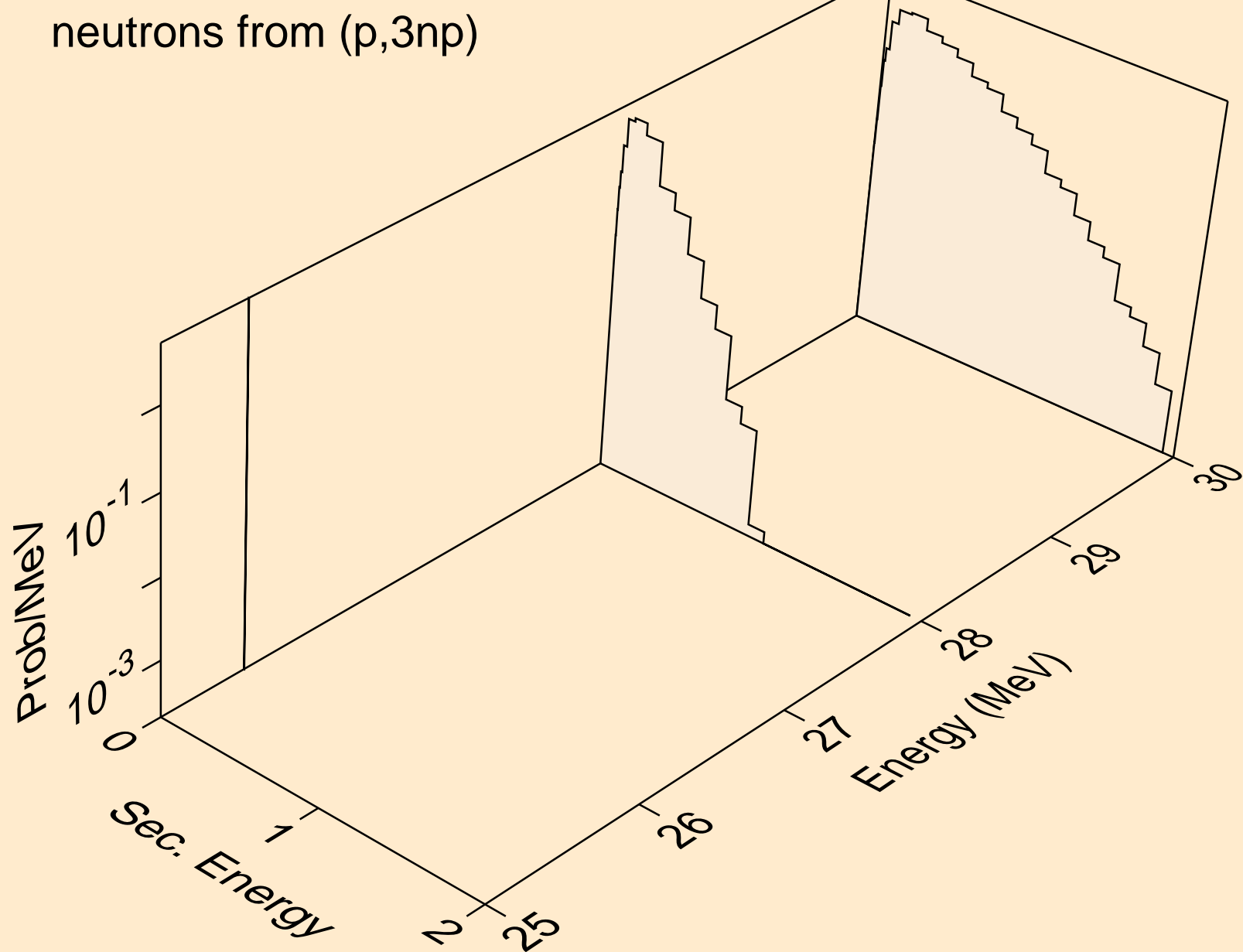


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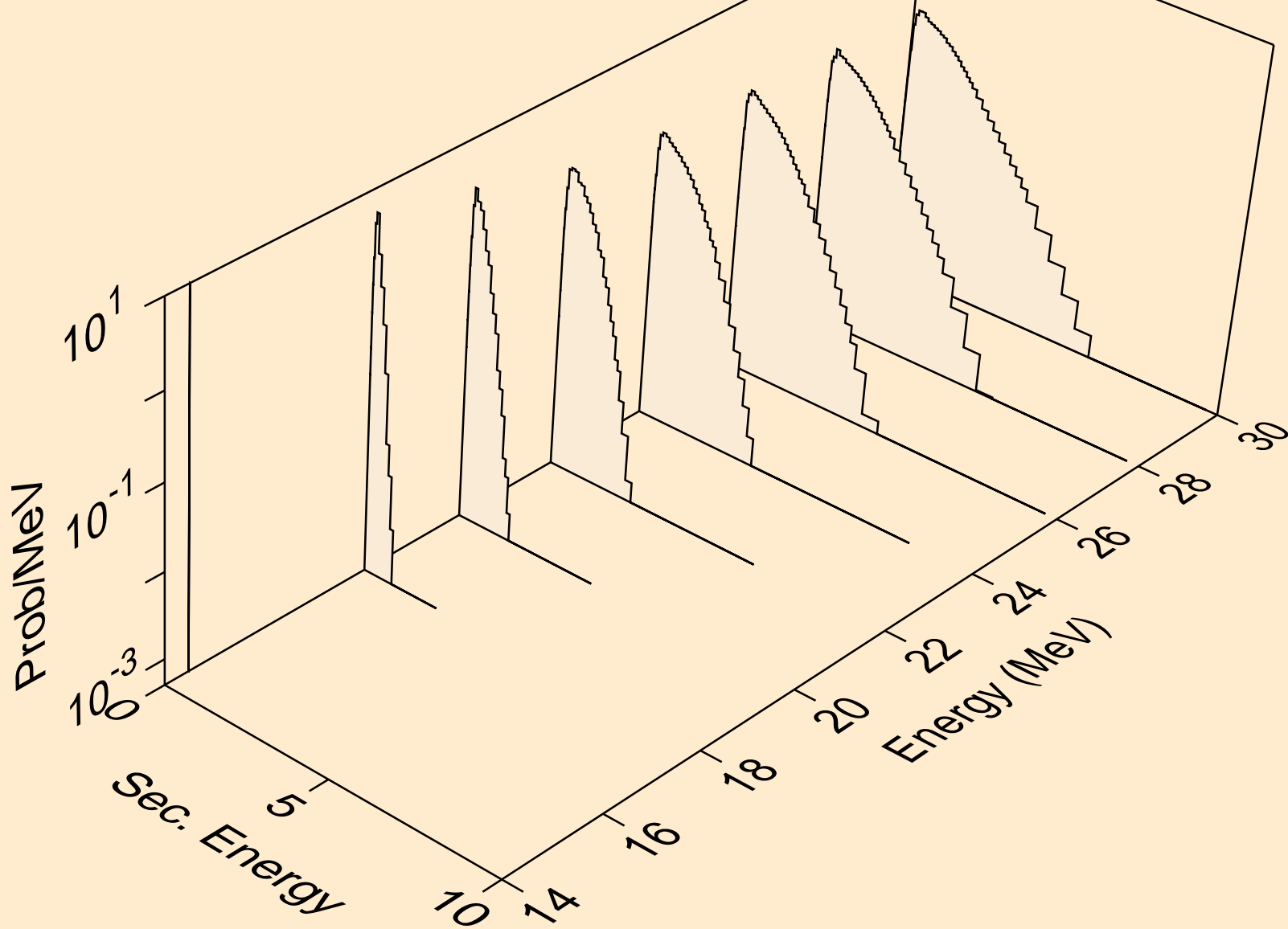




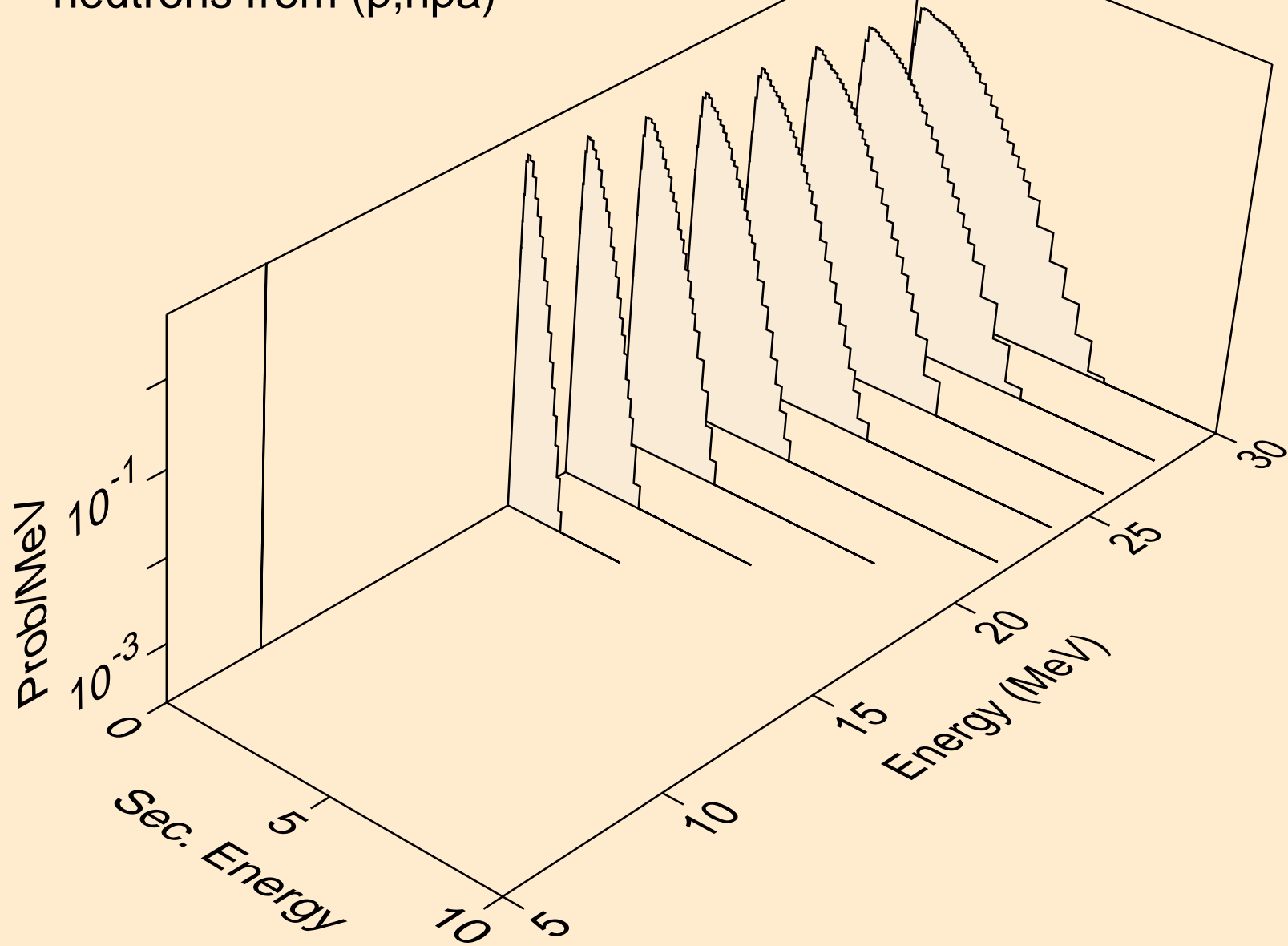
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neutrons from (p,3np)



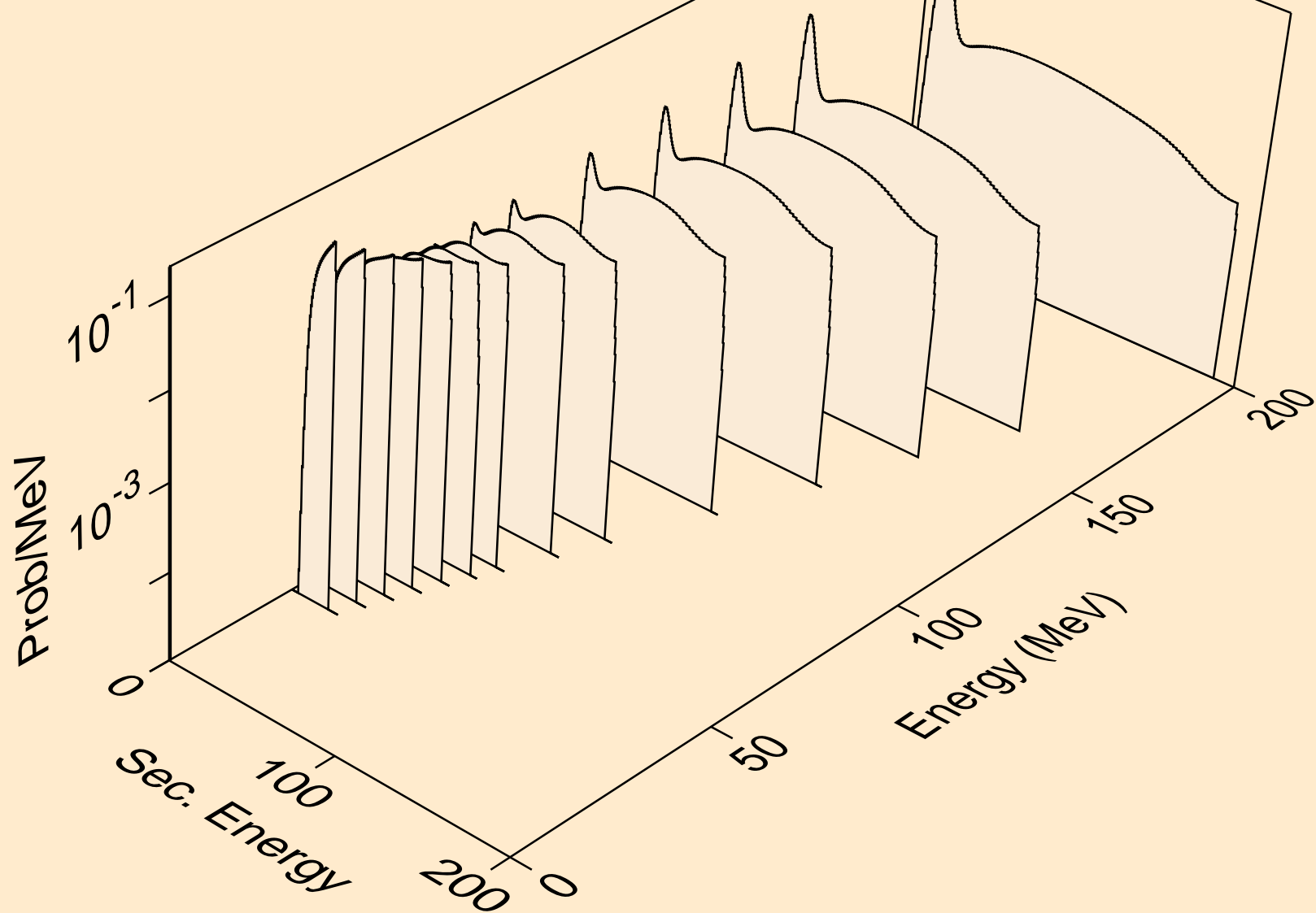
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



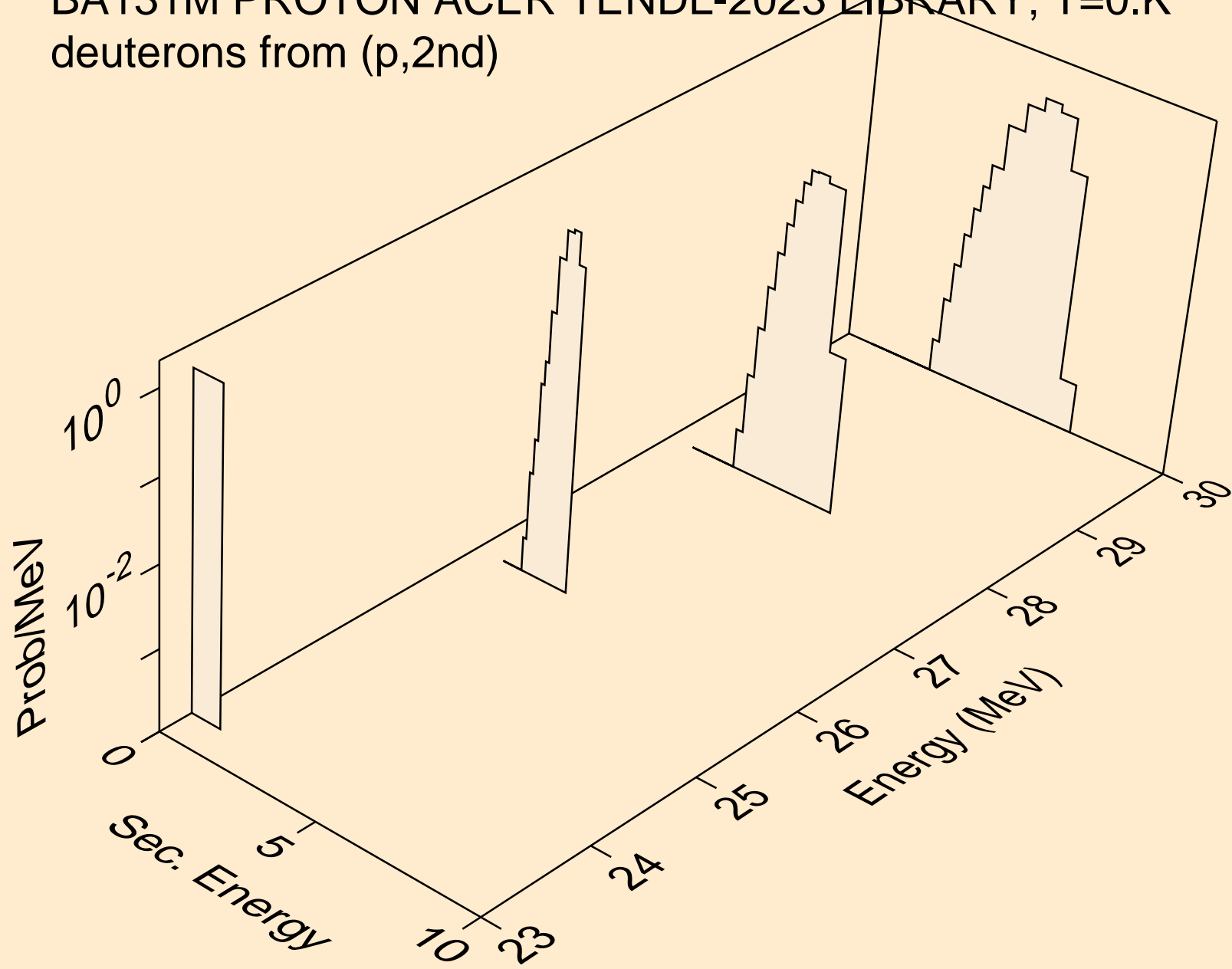
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neutrons from (p,npa)



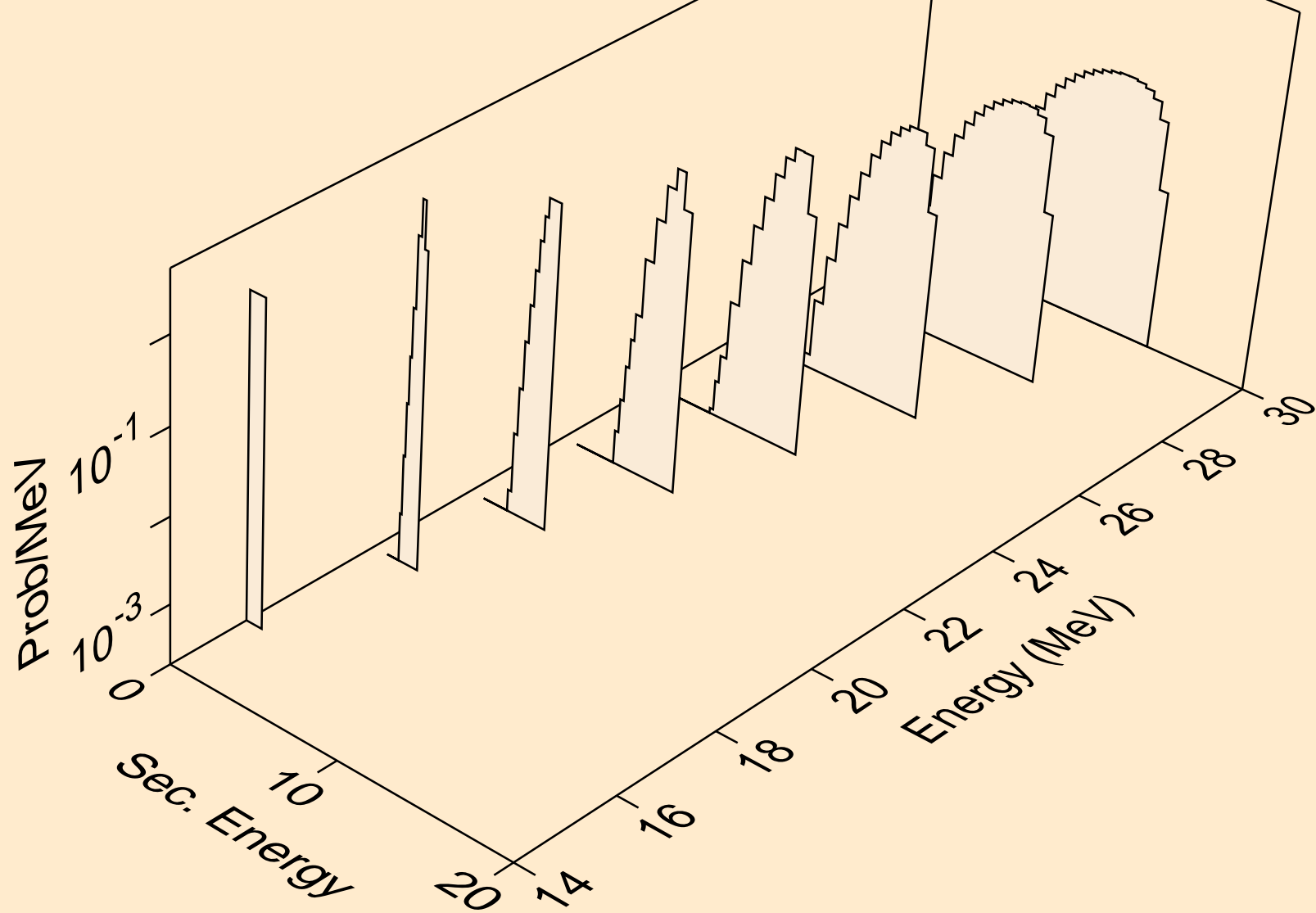
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



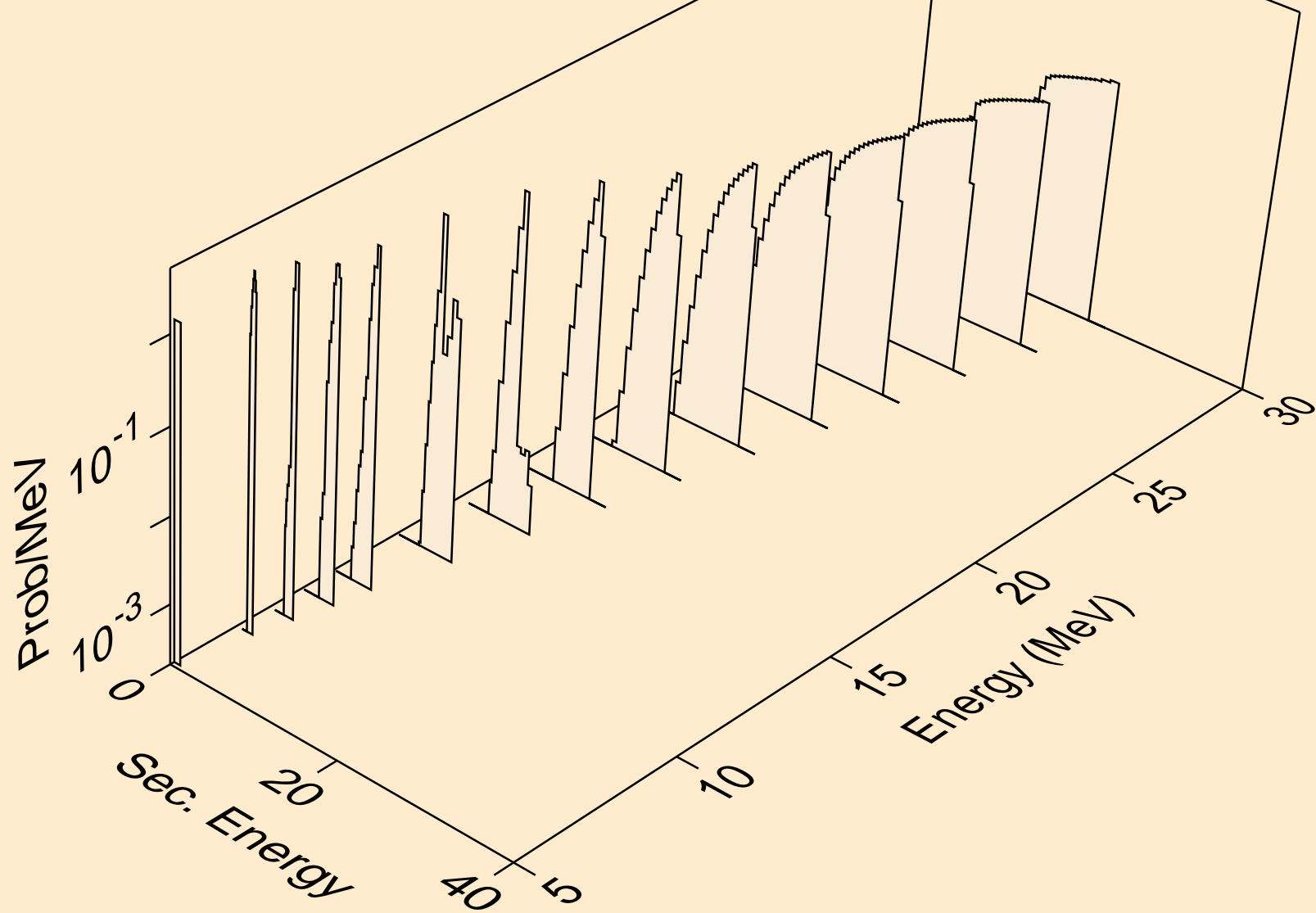
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deuterons from (p,2nd)



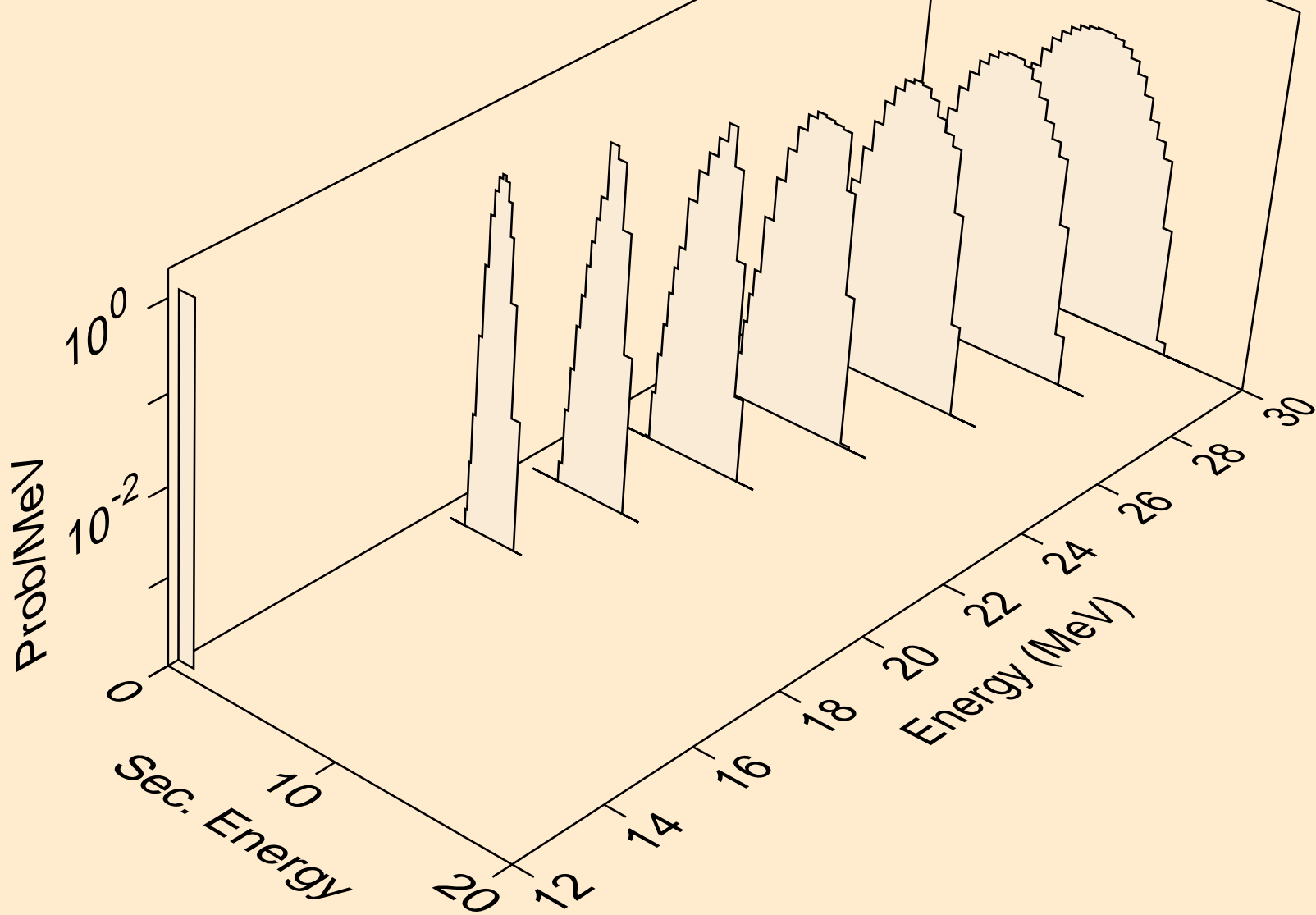
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

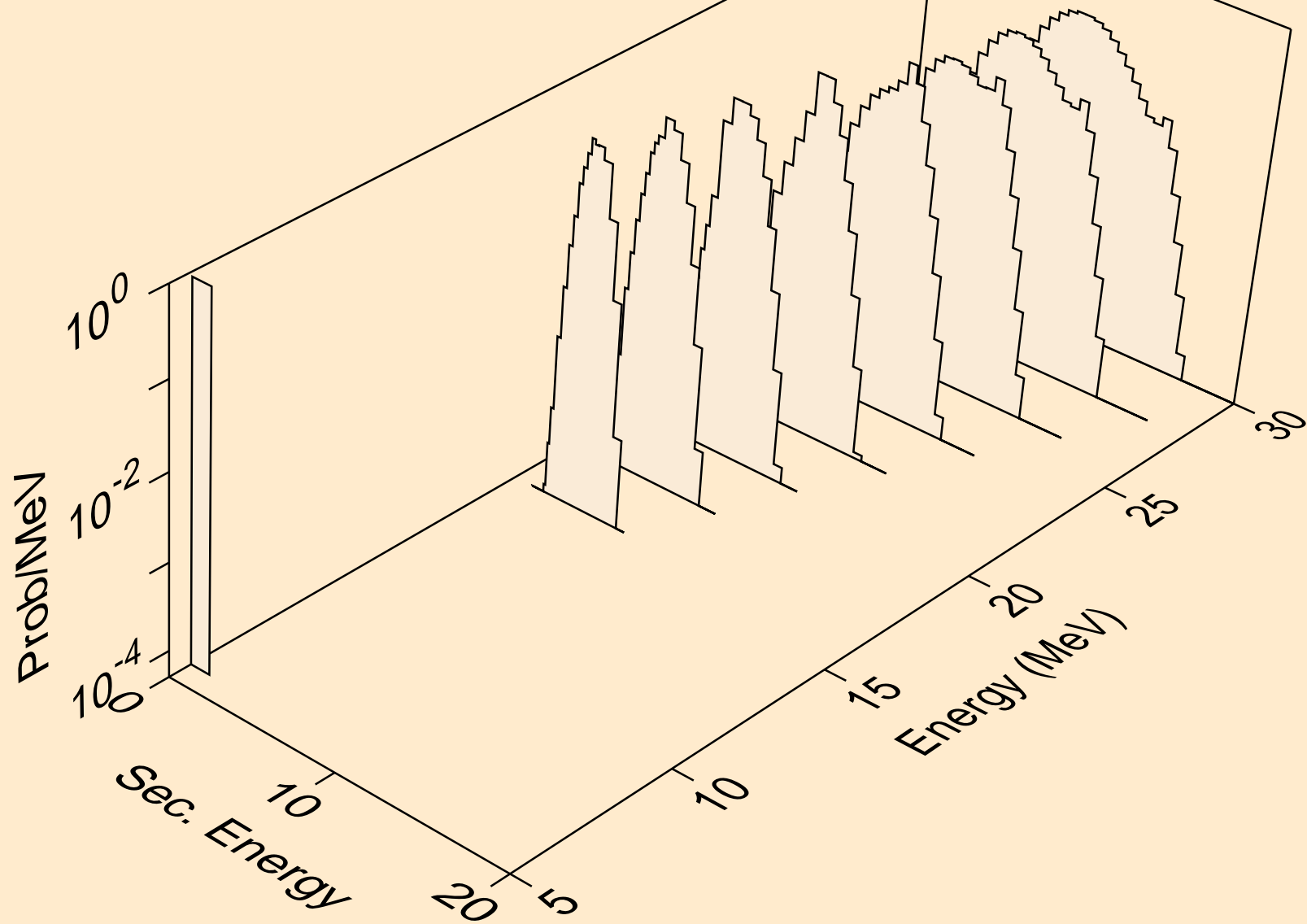


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deuterons from (p,pd)

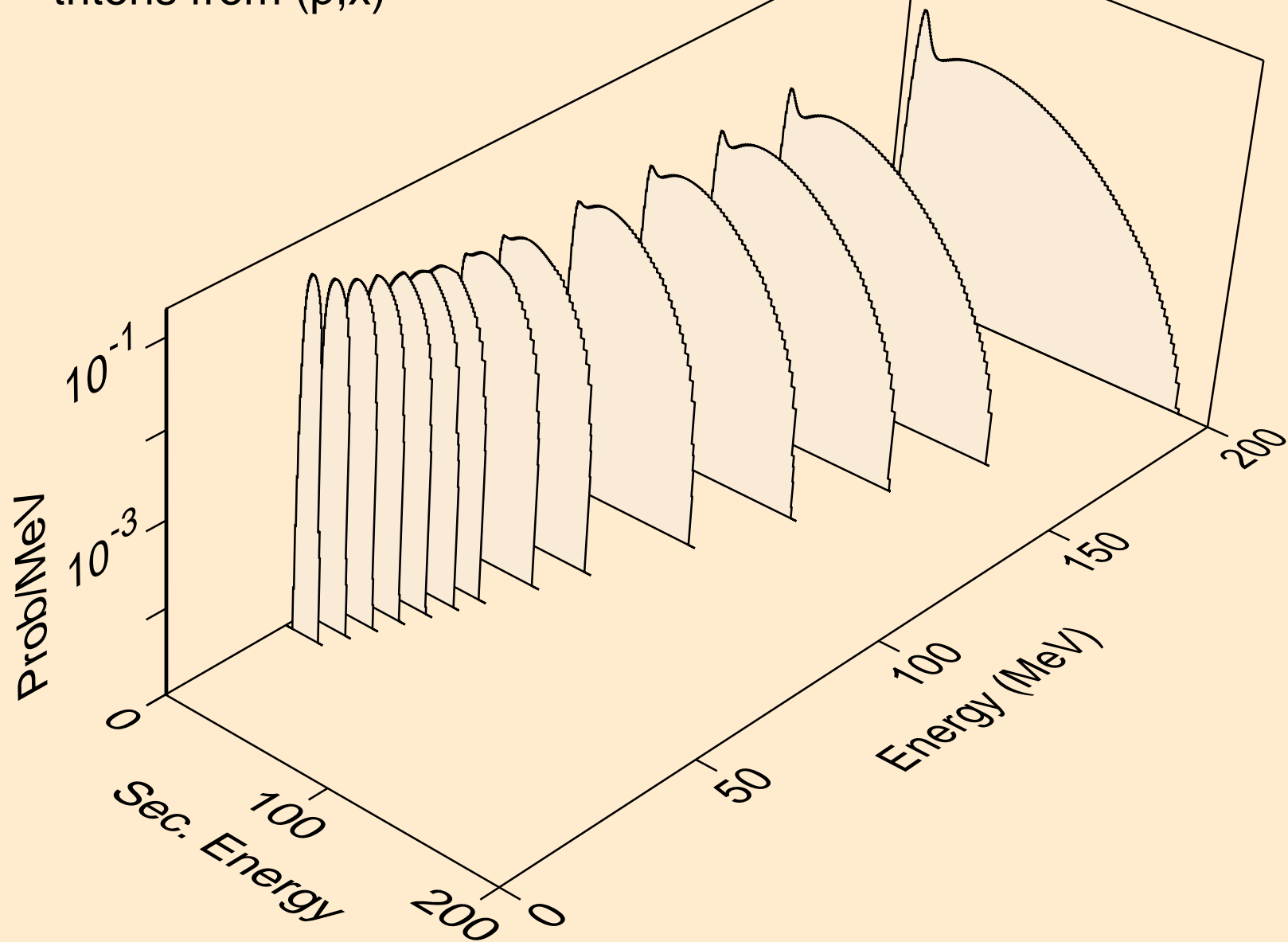




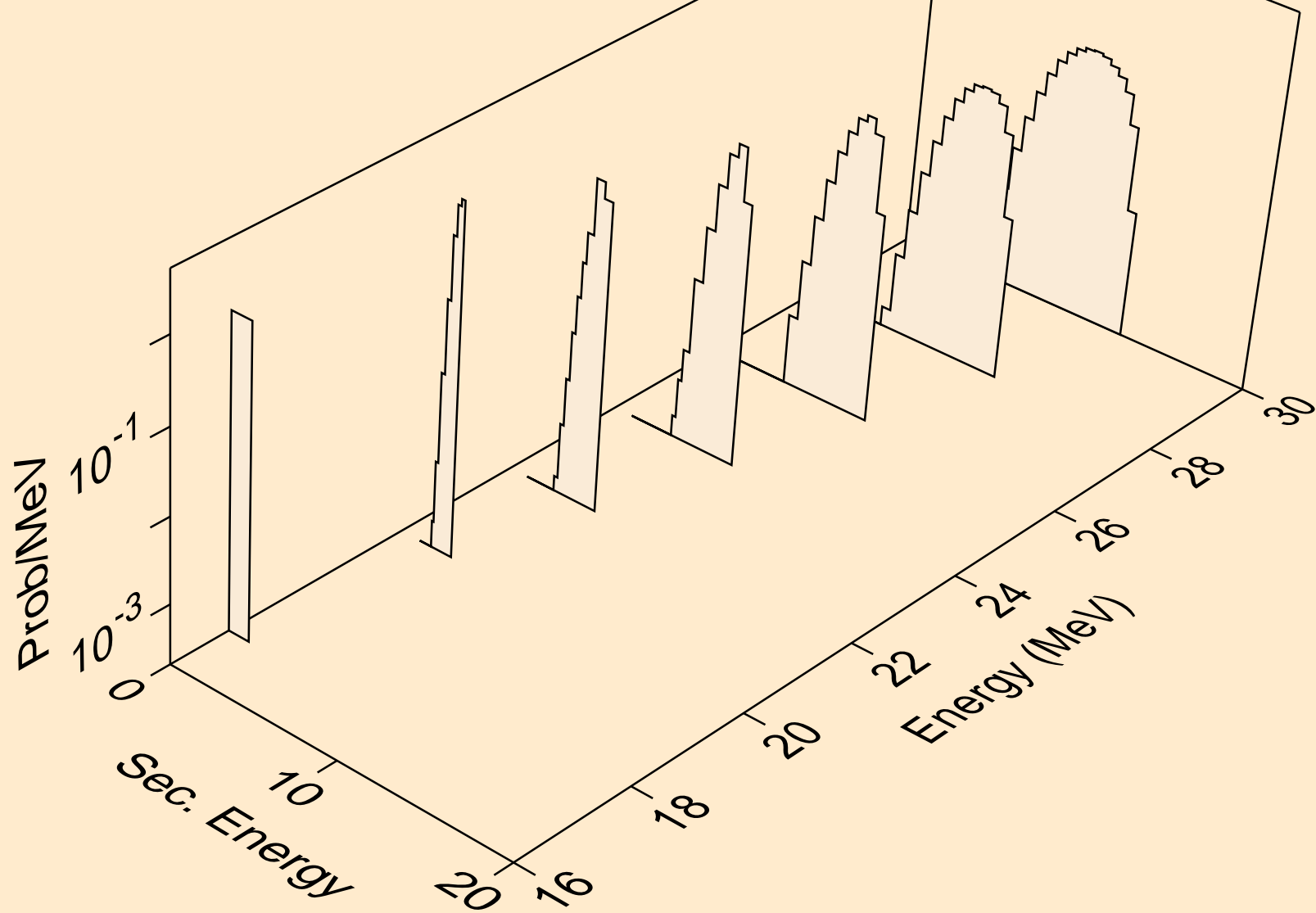
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deuterons from (p,da)



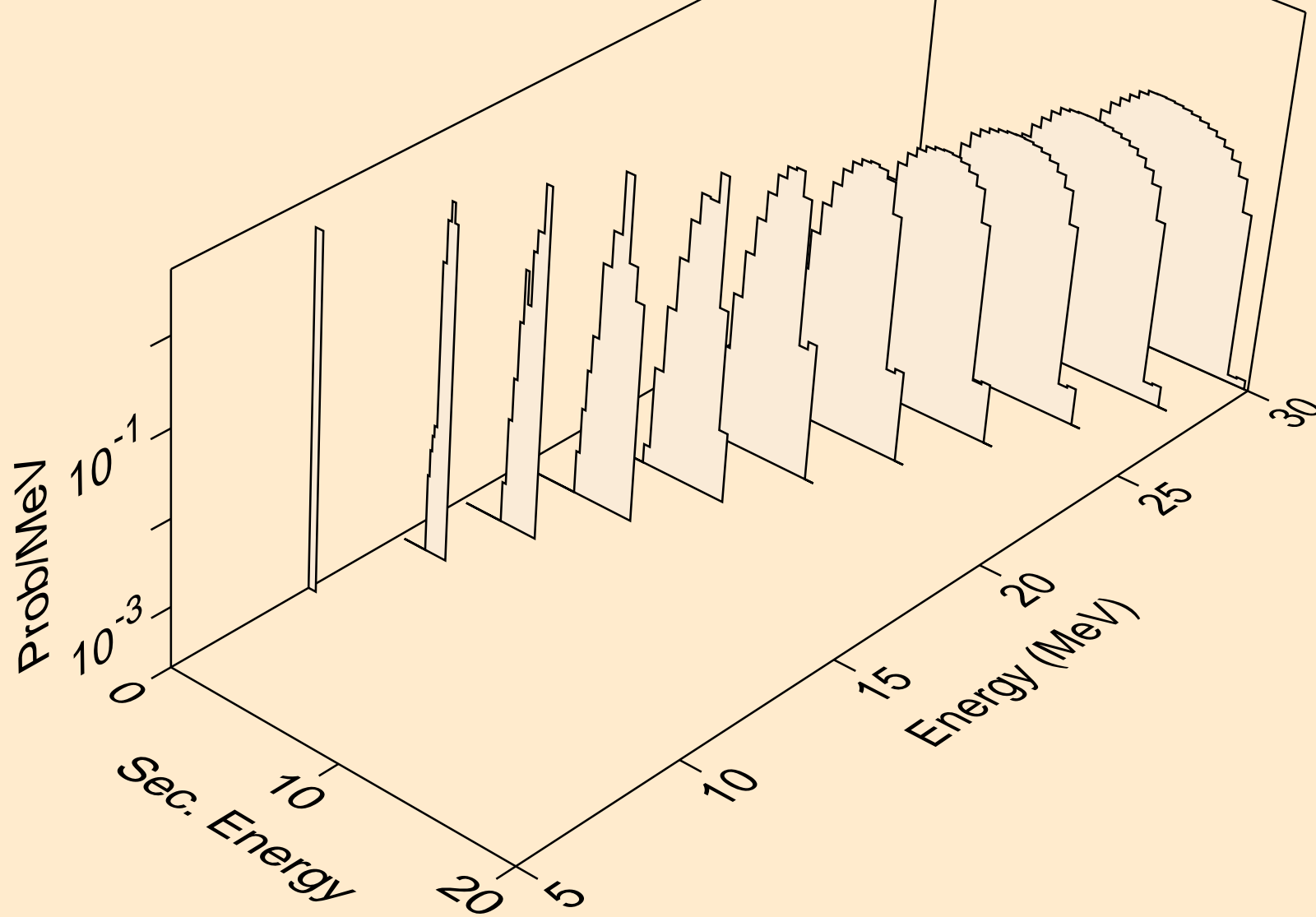
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



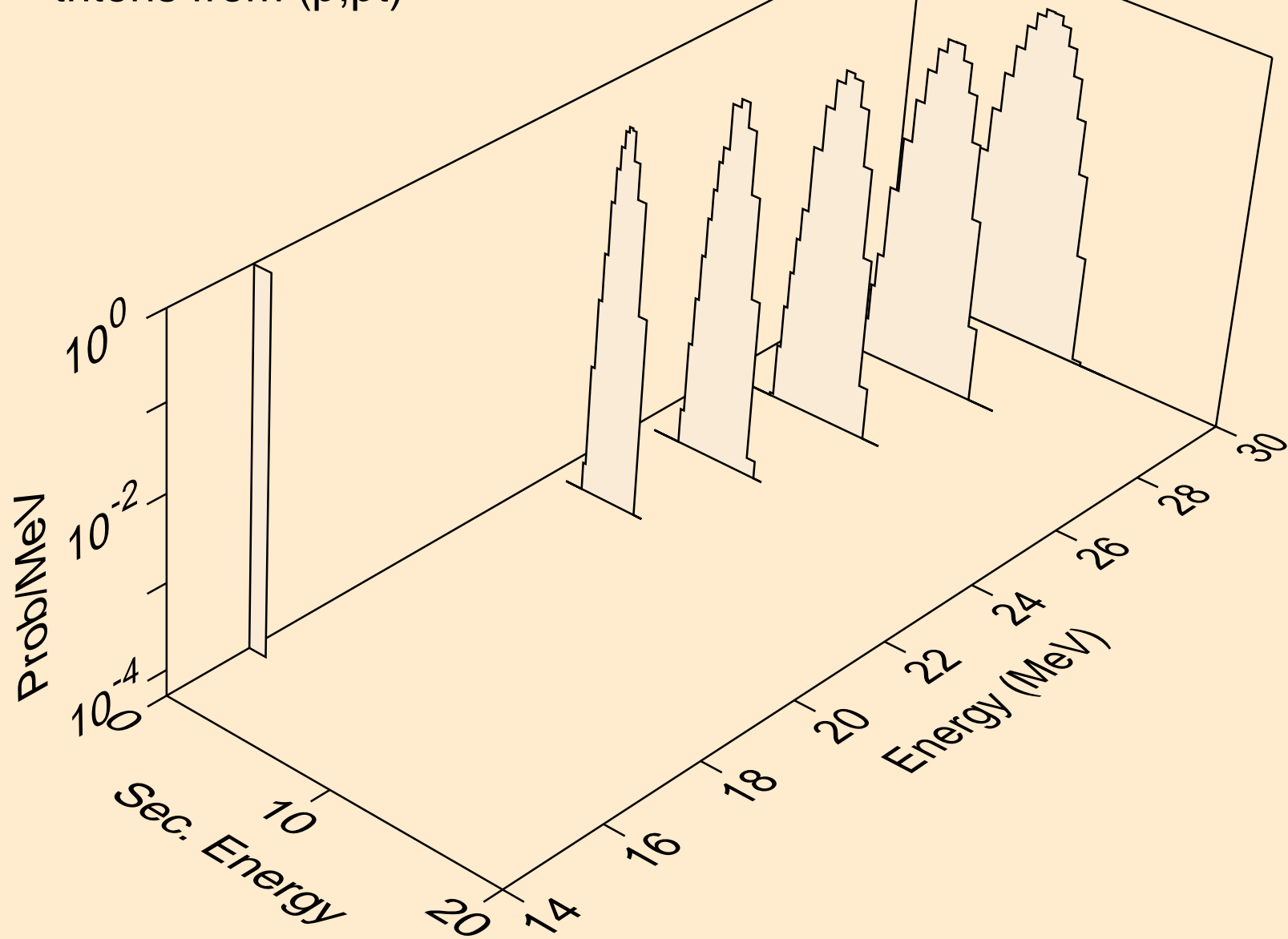
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



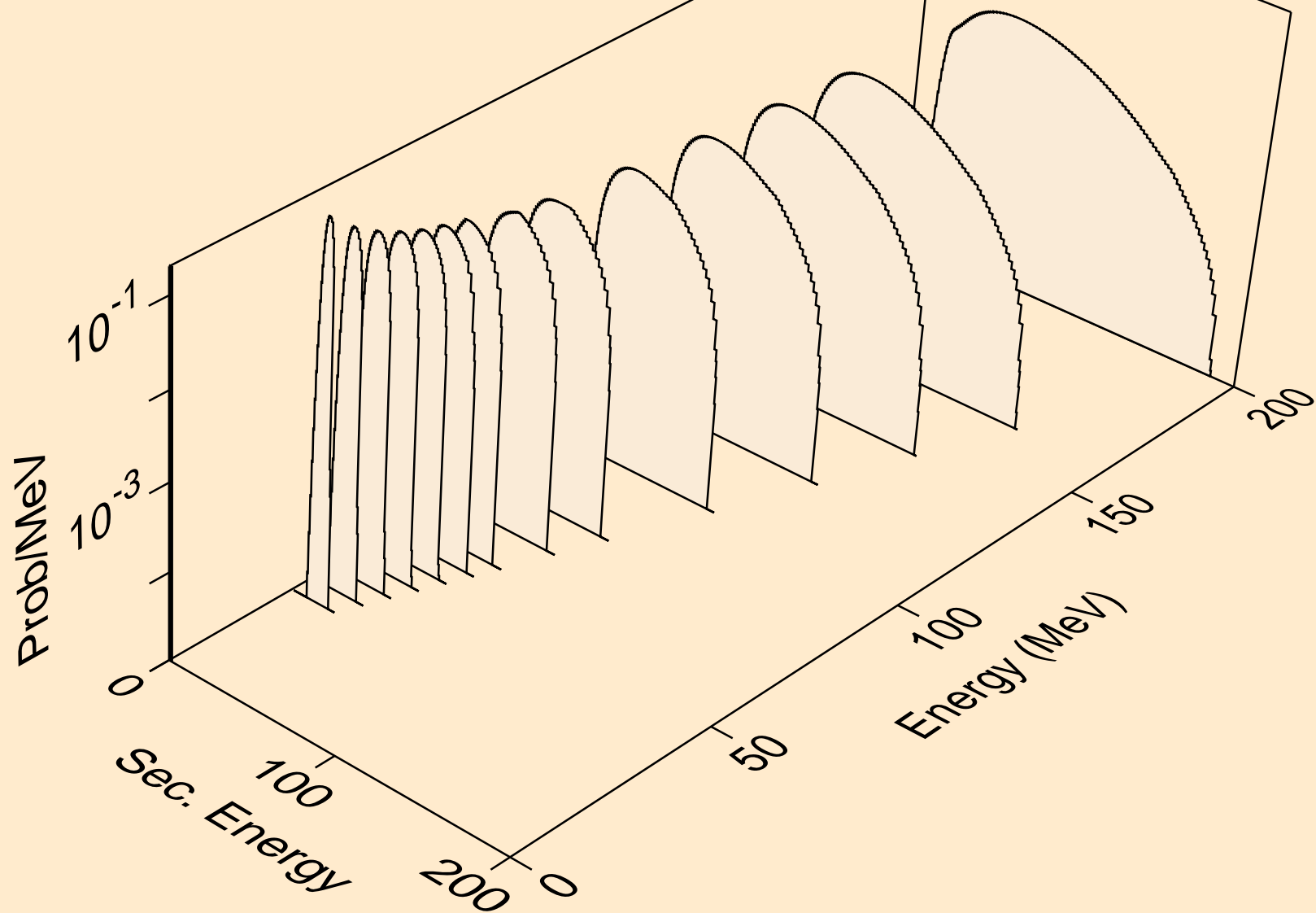
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tritons from (p,t)



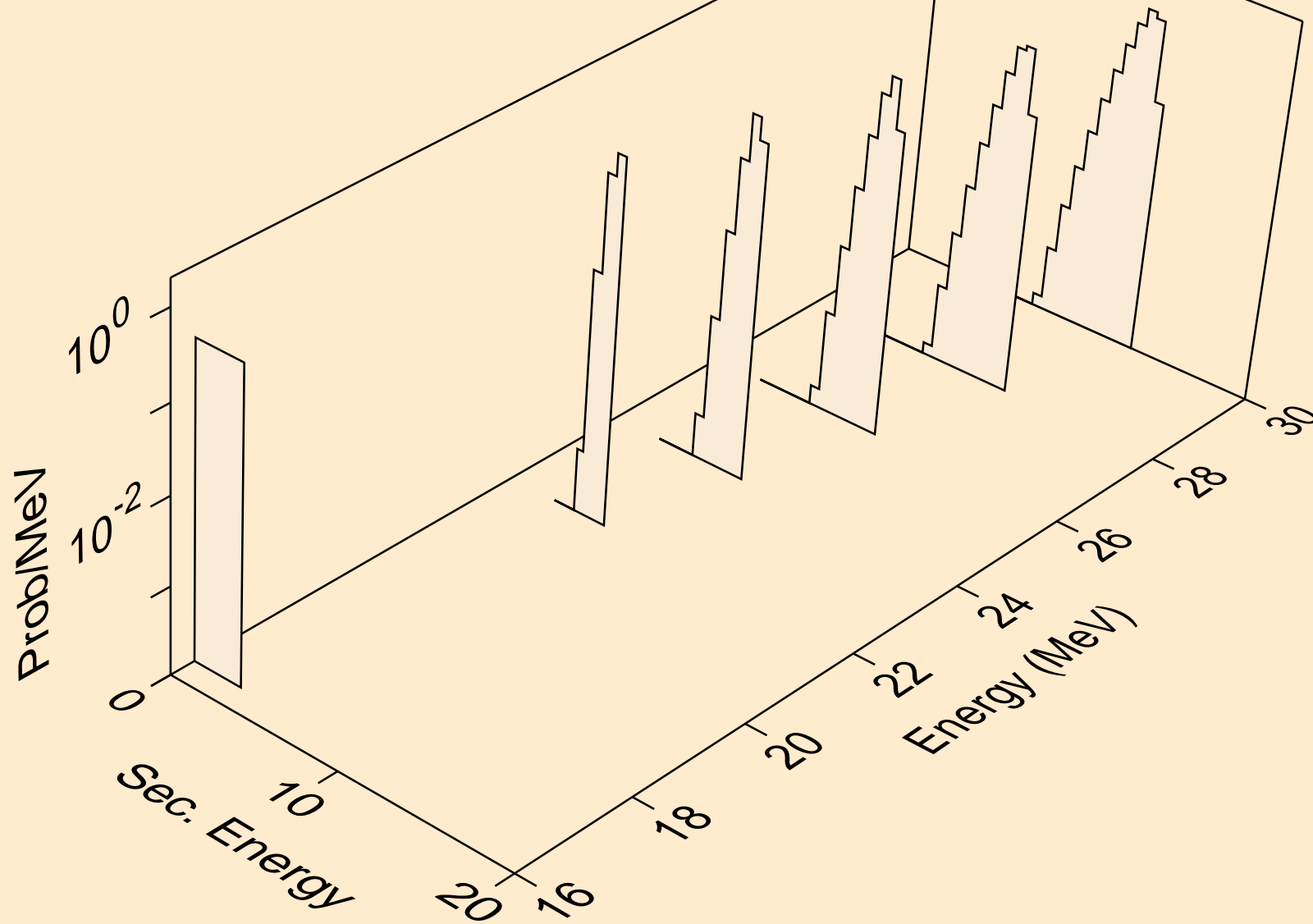
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tritons from (p,pt)



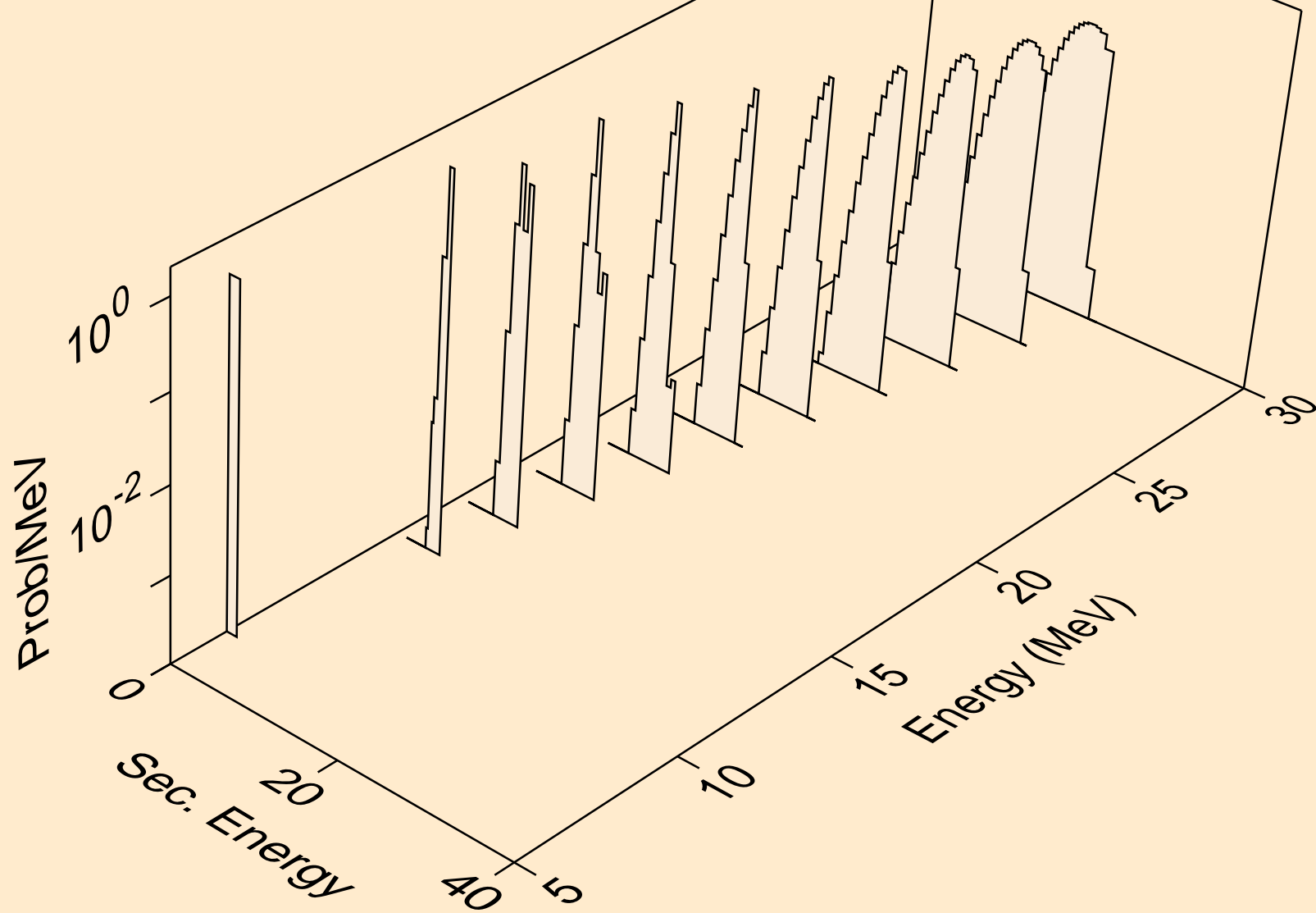
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

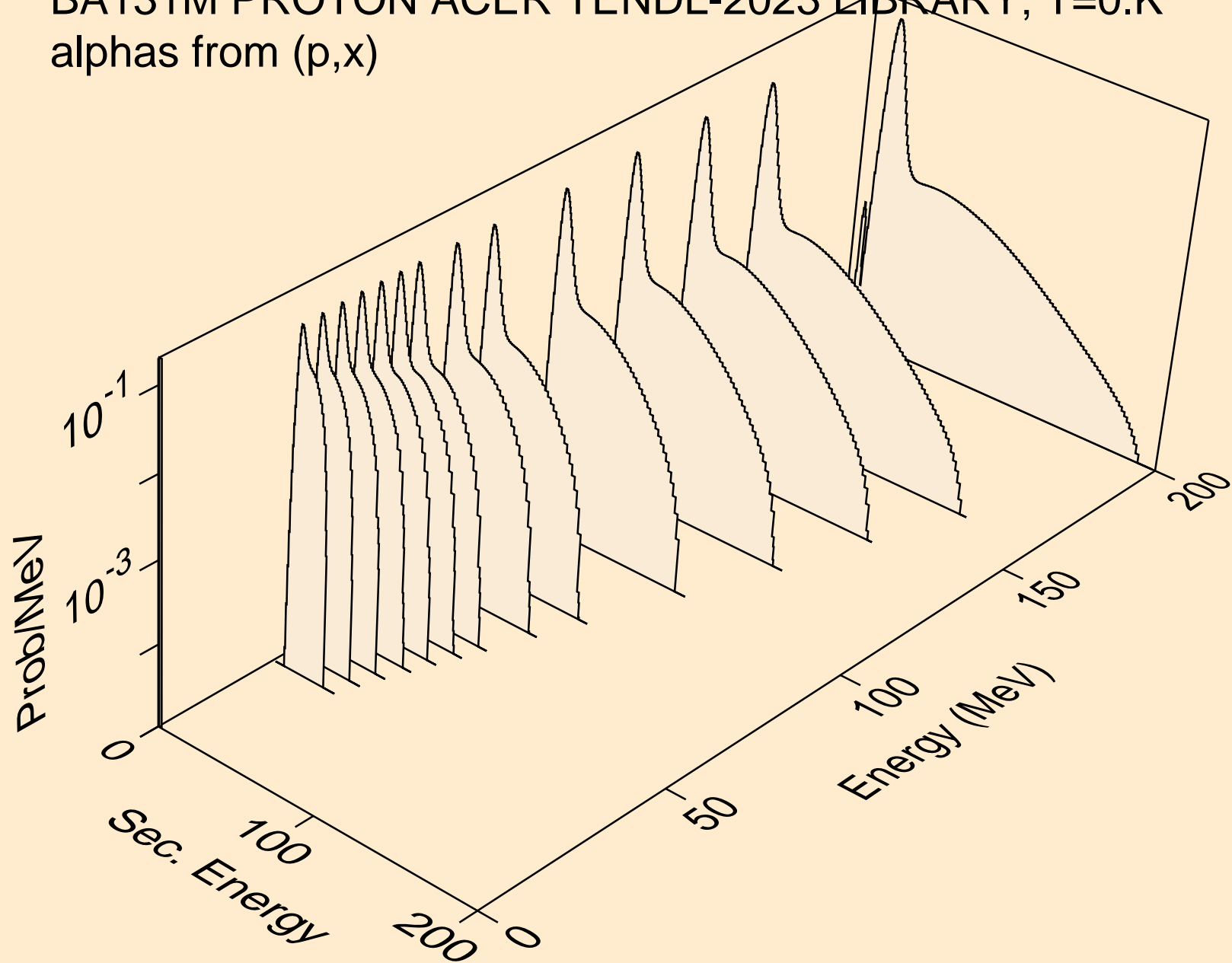


BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

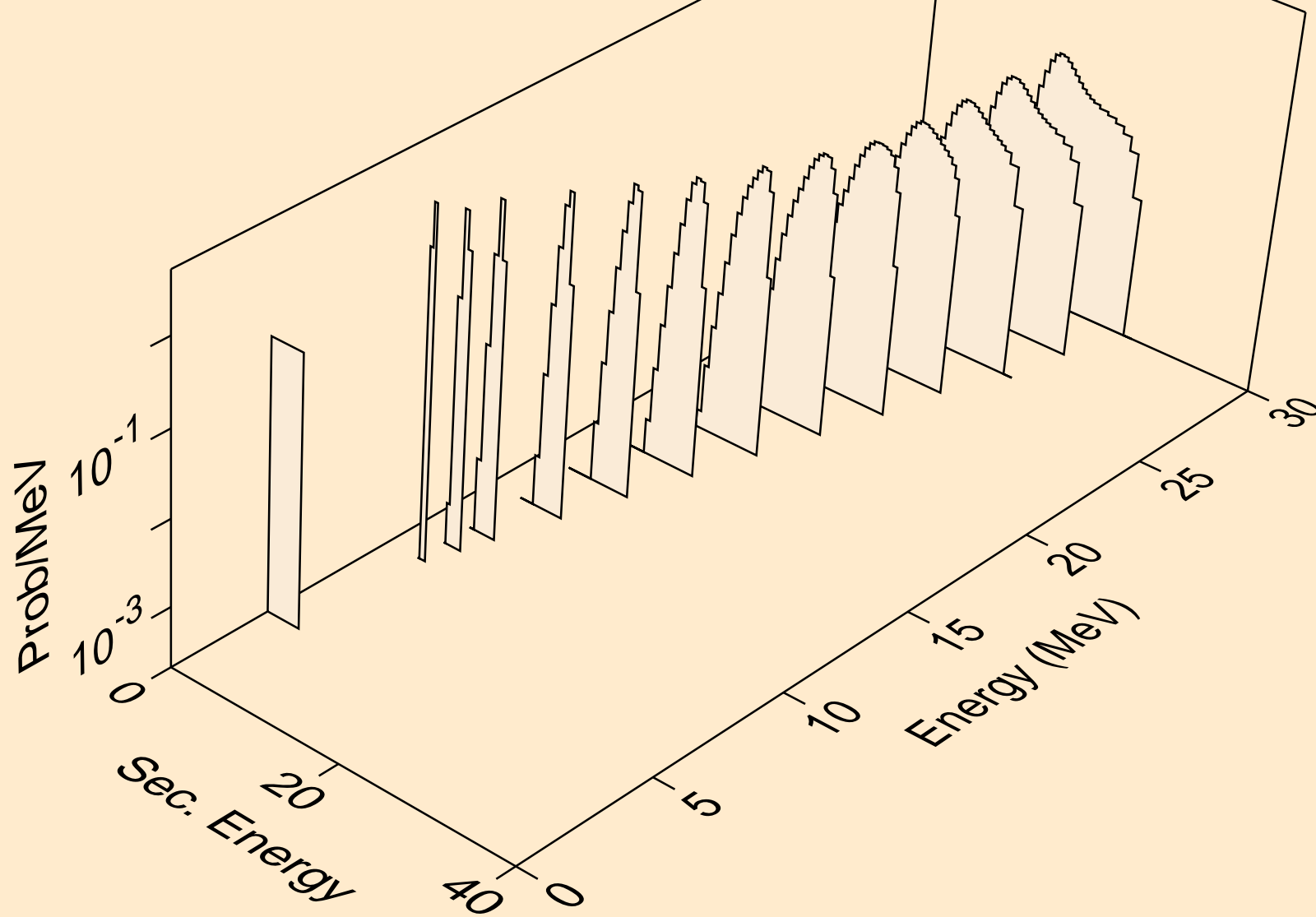




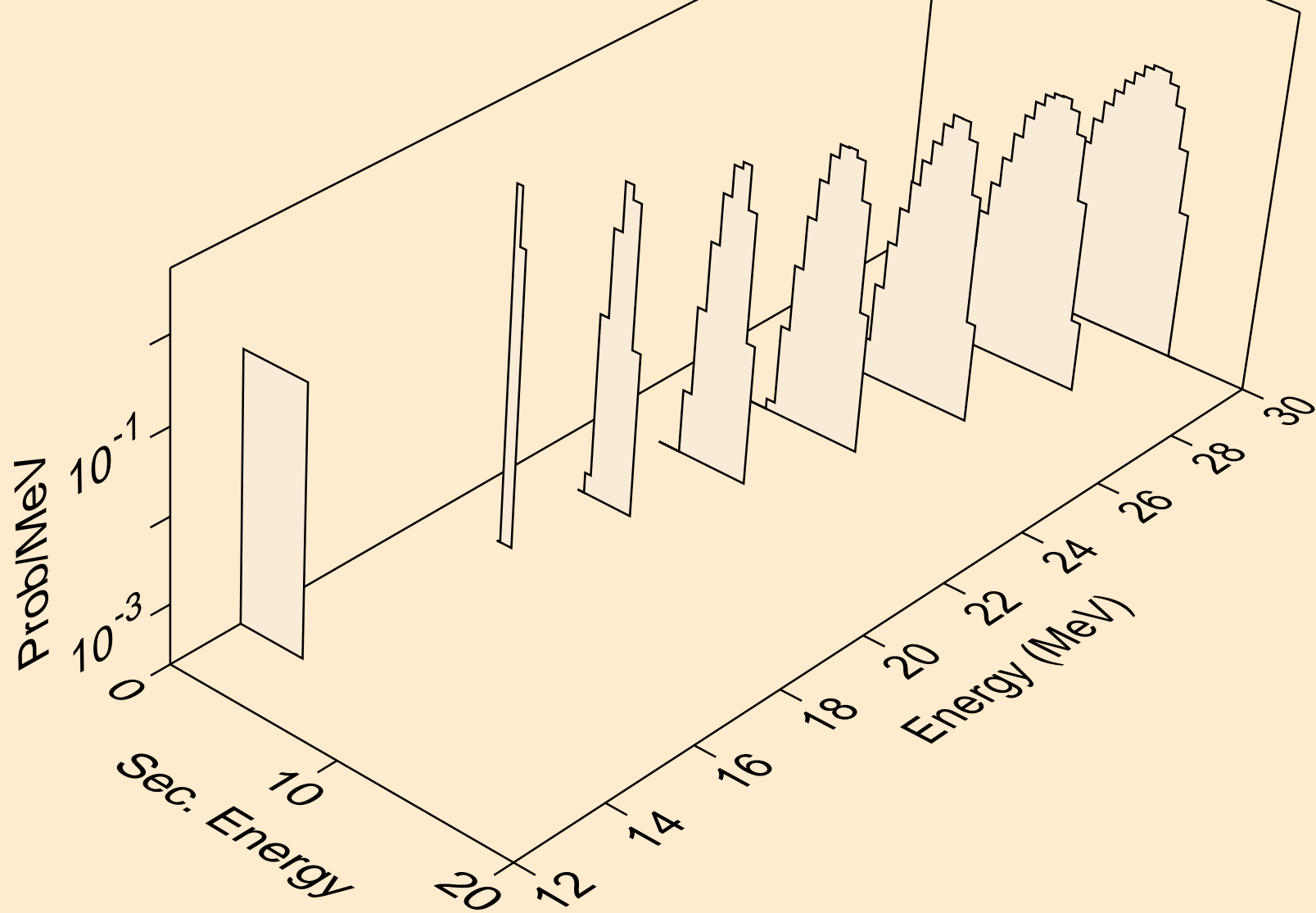
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



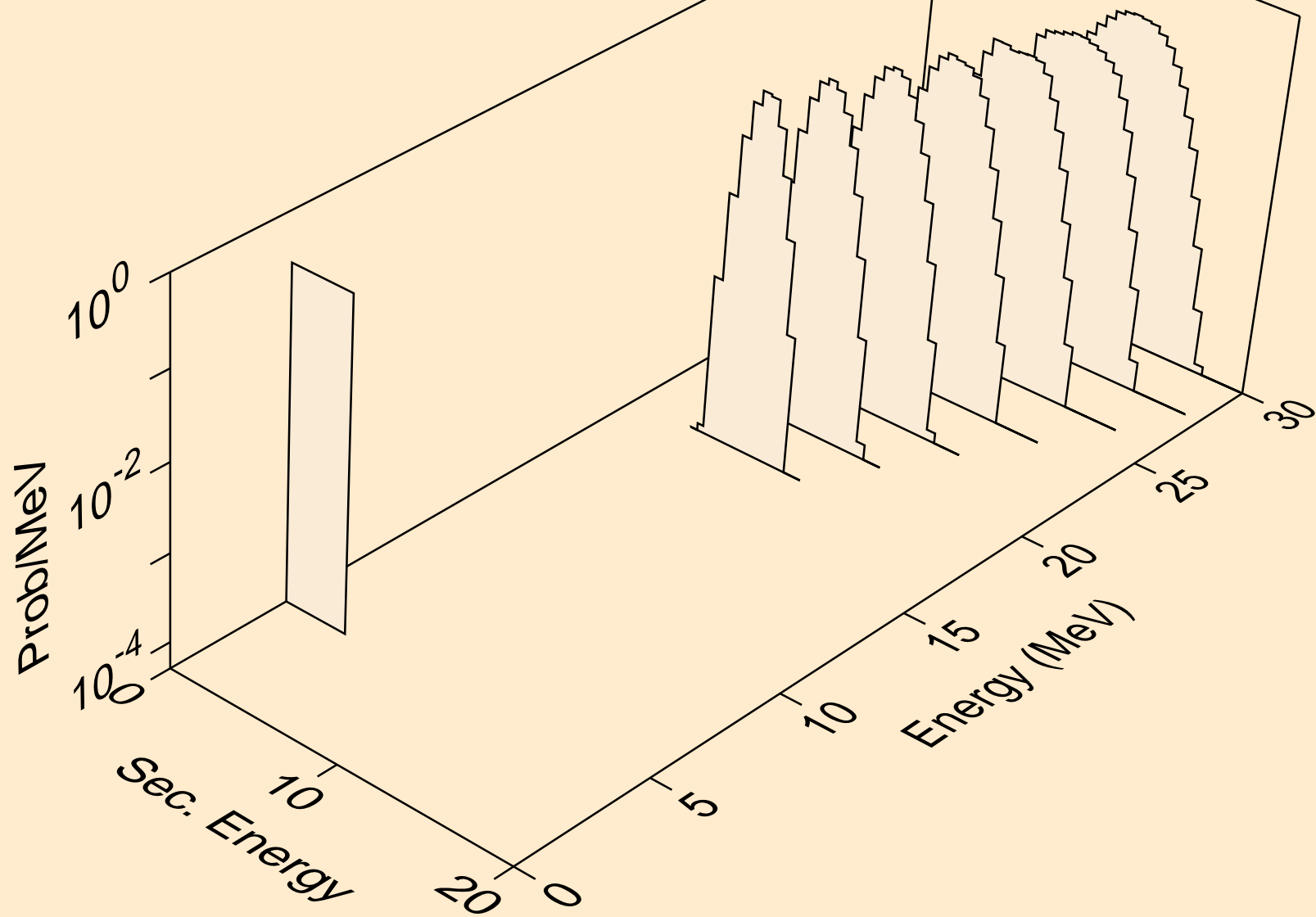
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



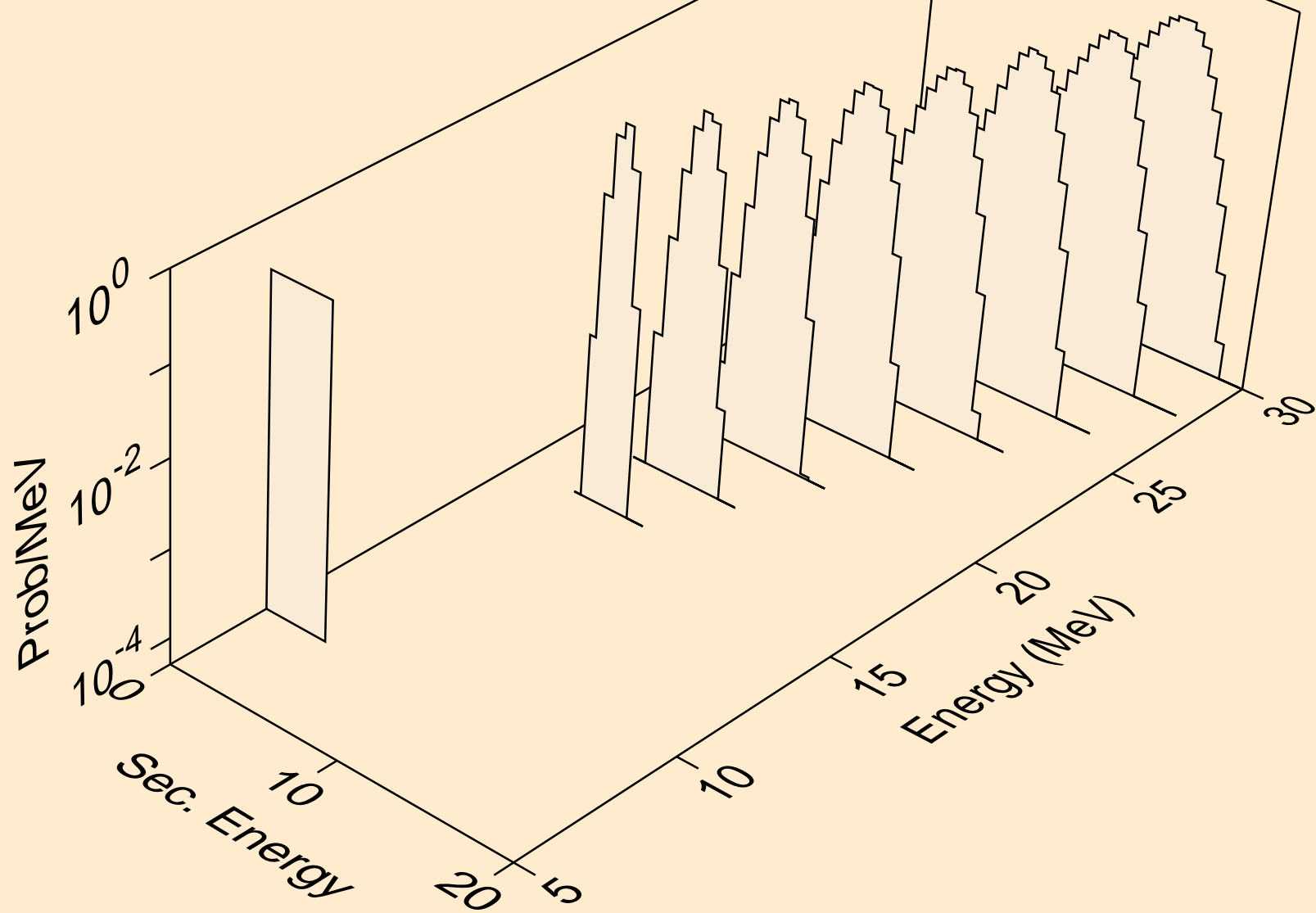
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



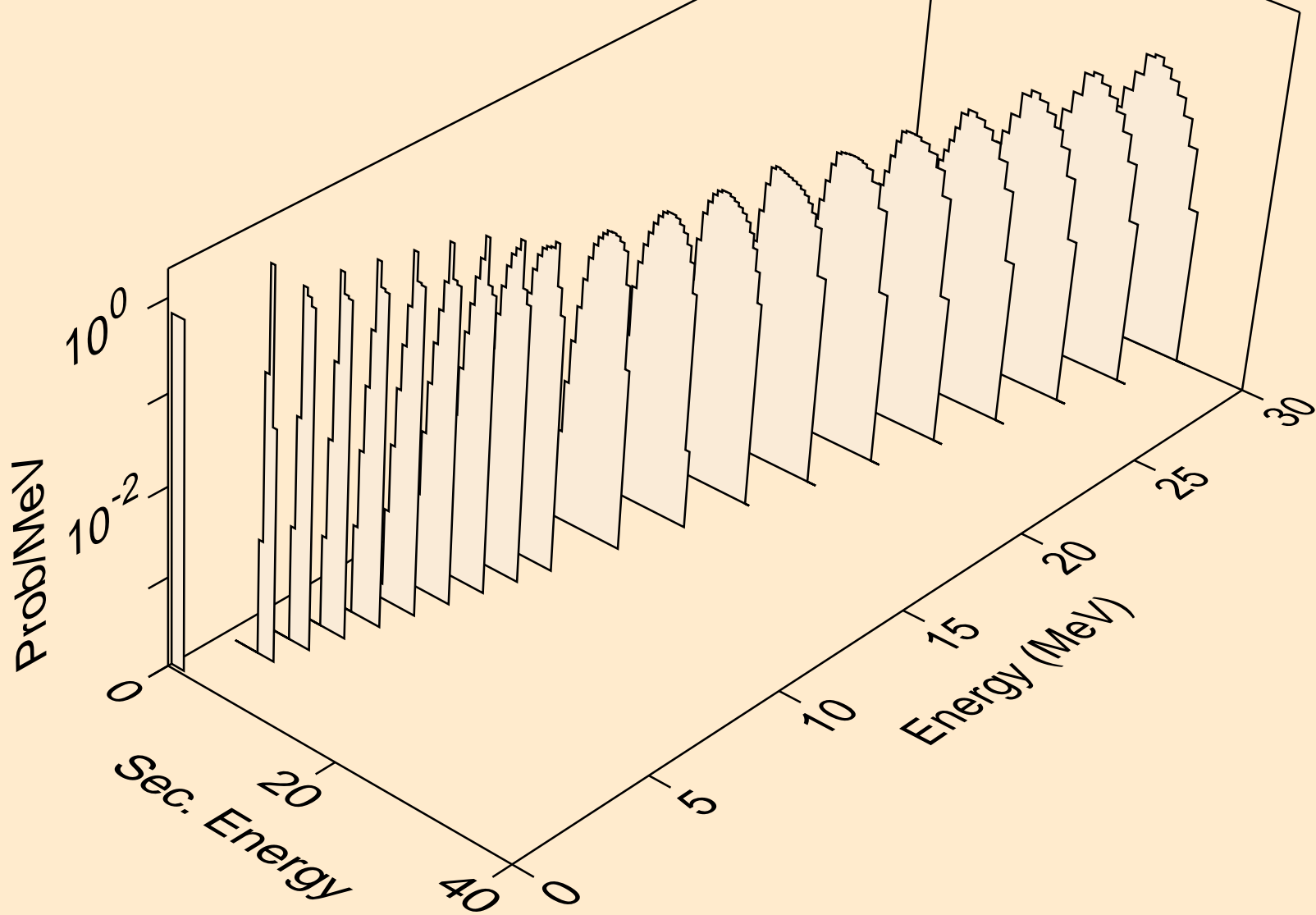
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



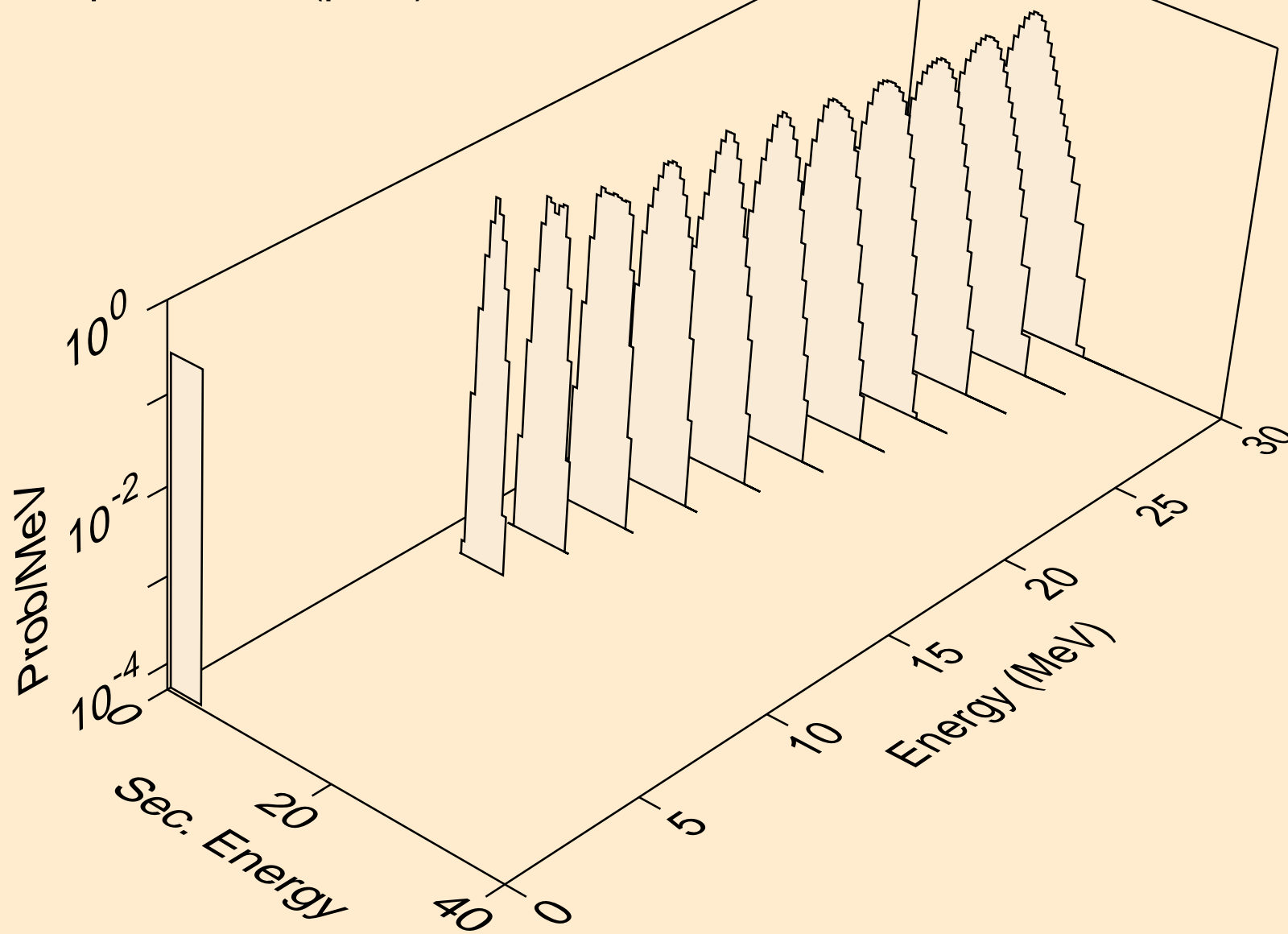
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



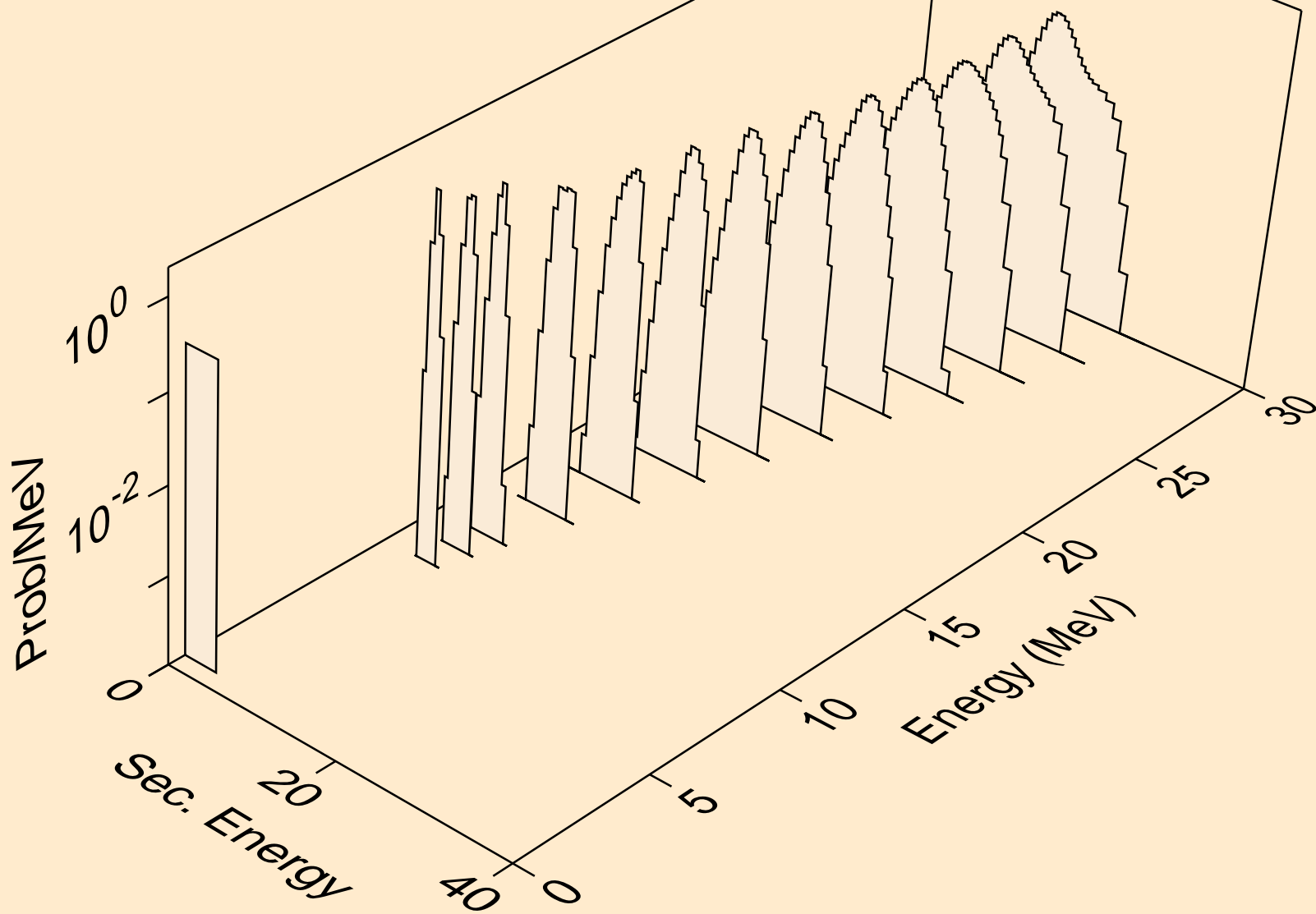
BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)





BA131M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

