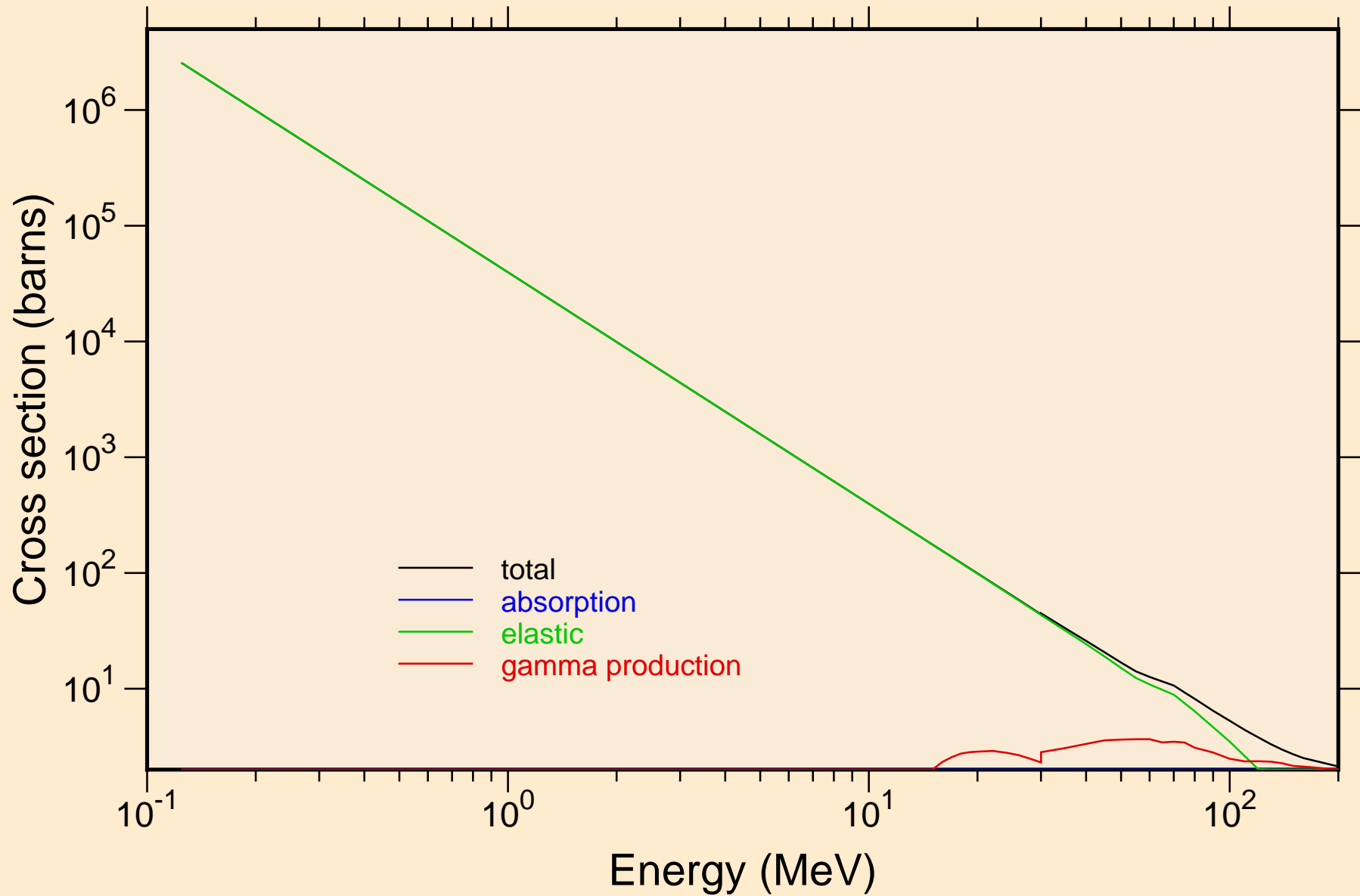
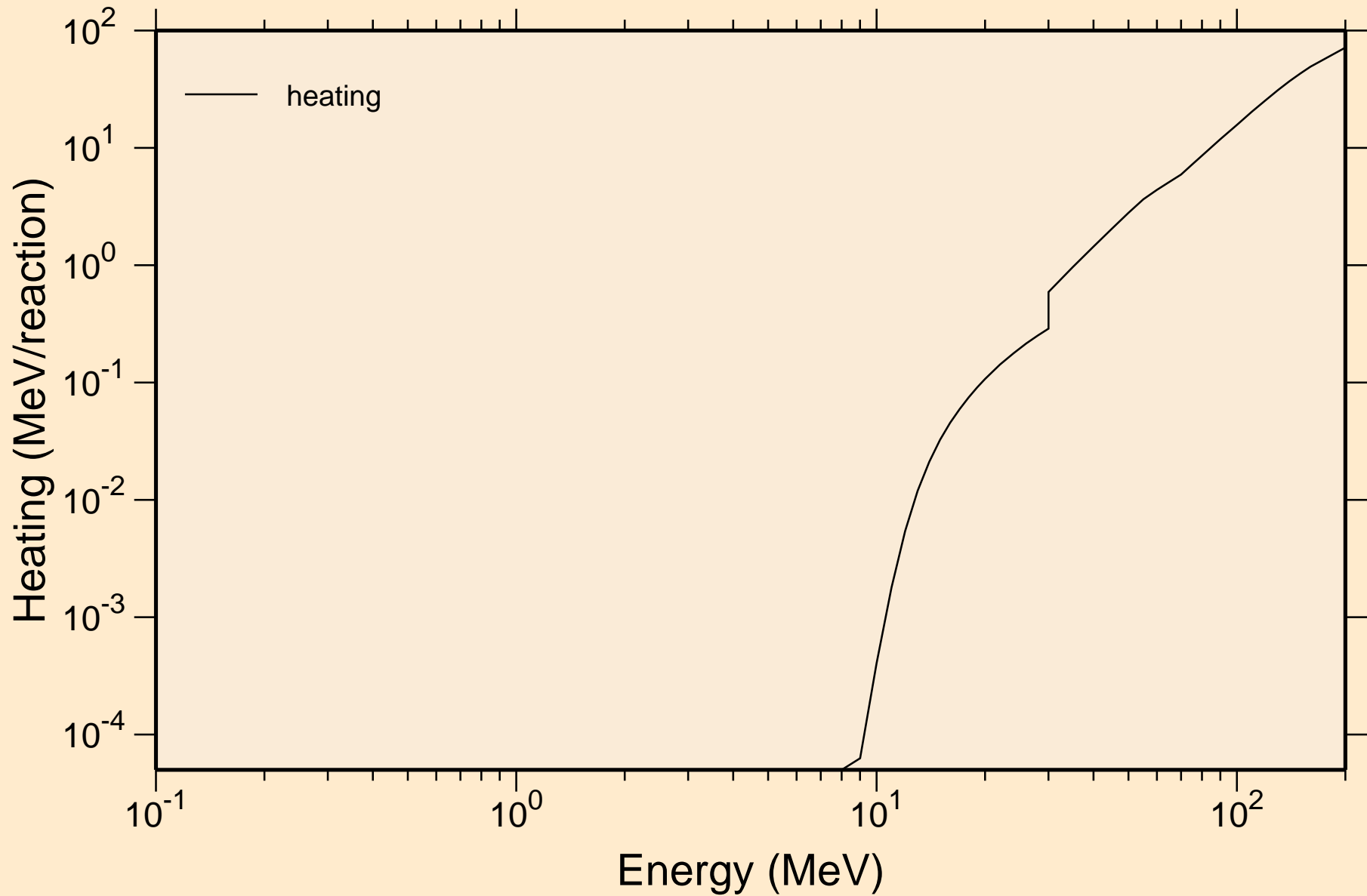


Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



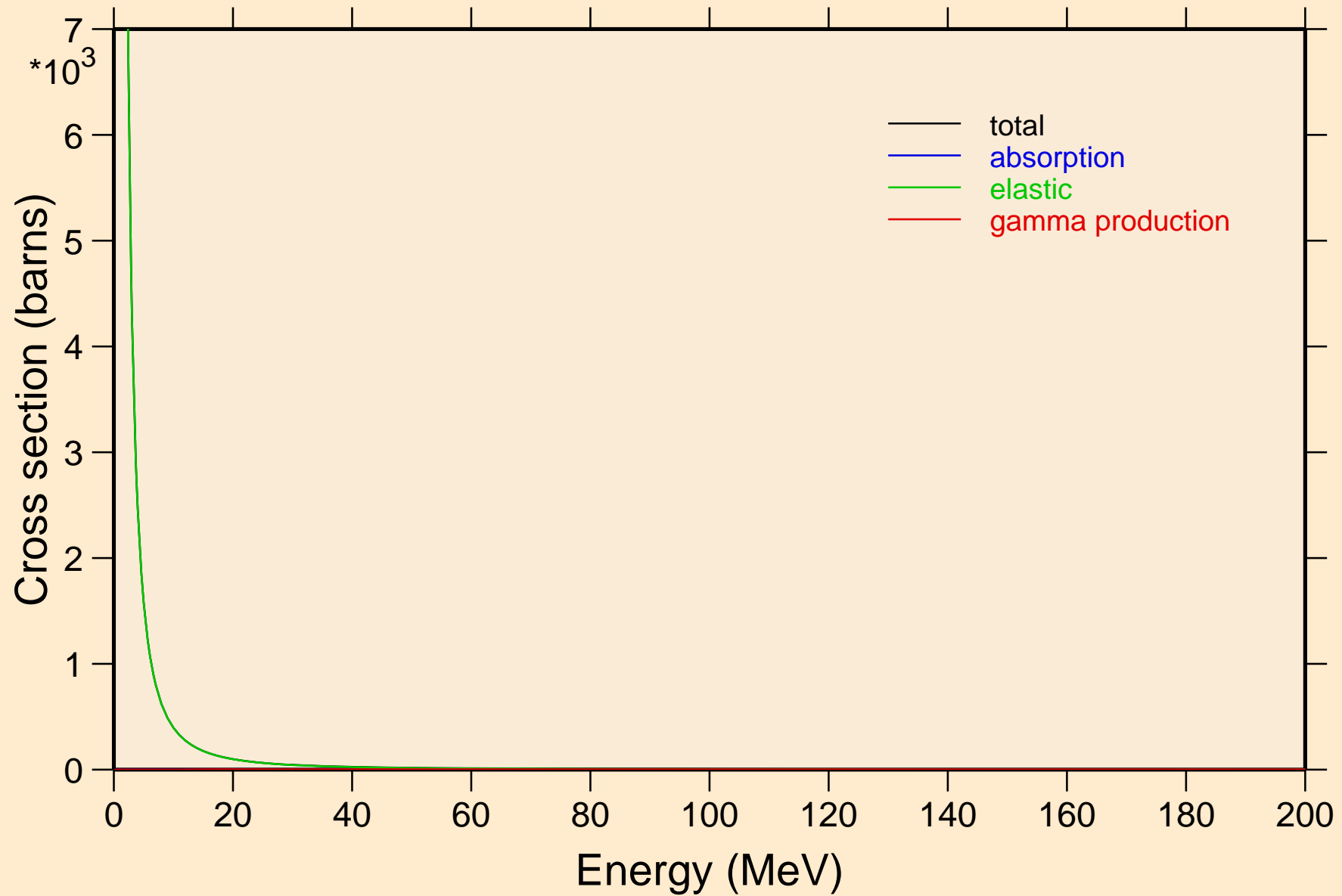
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



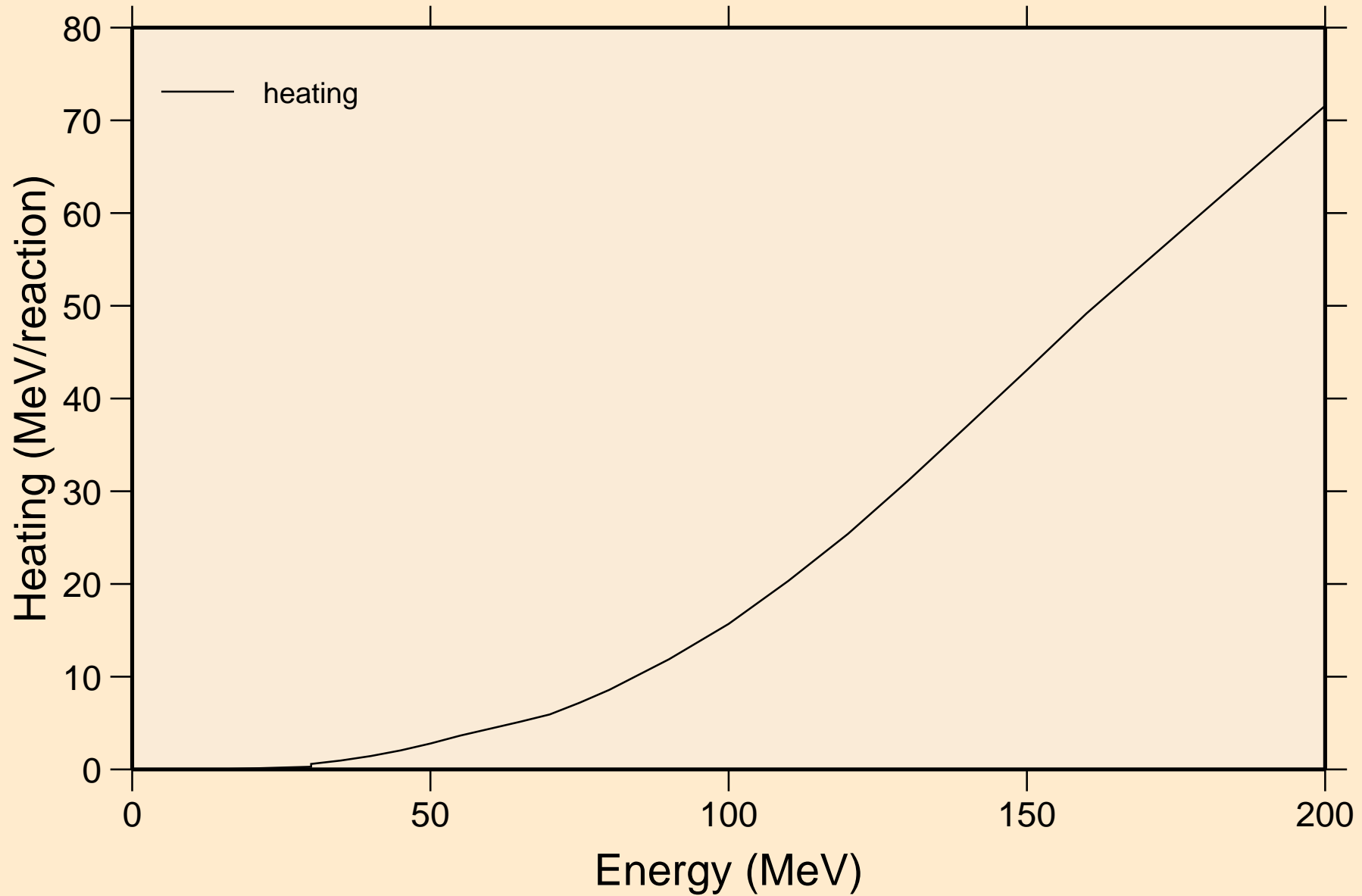
# Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



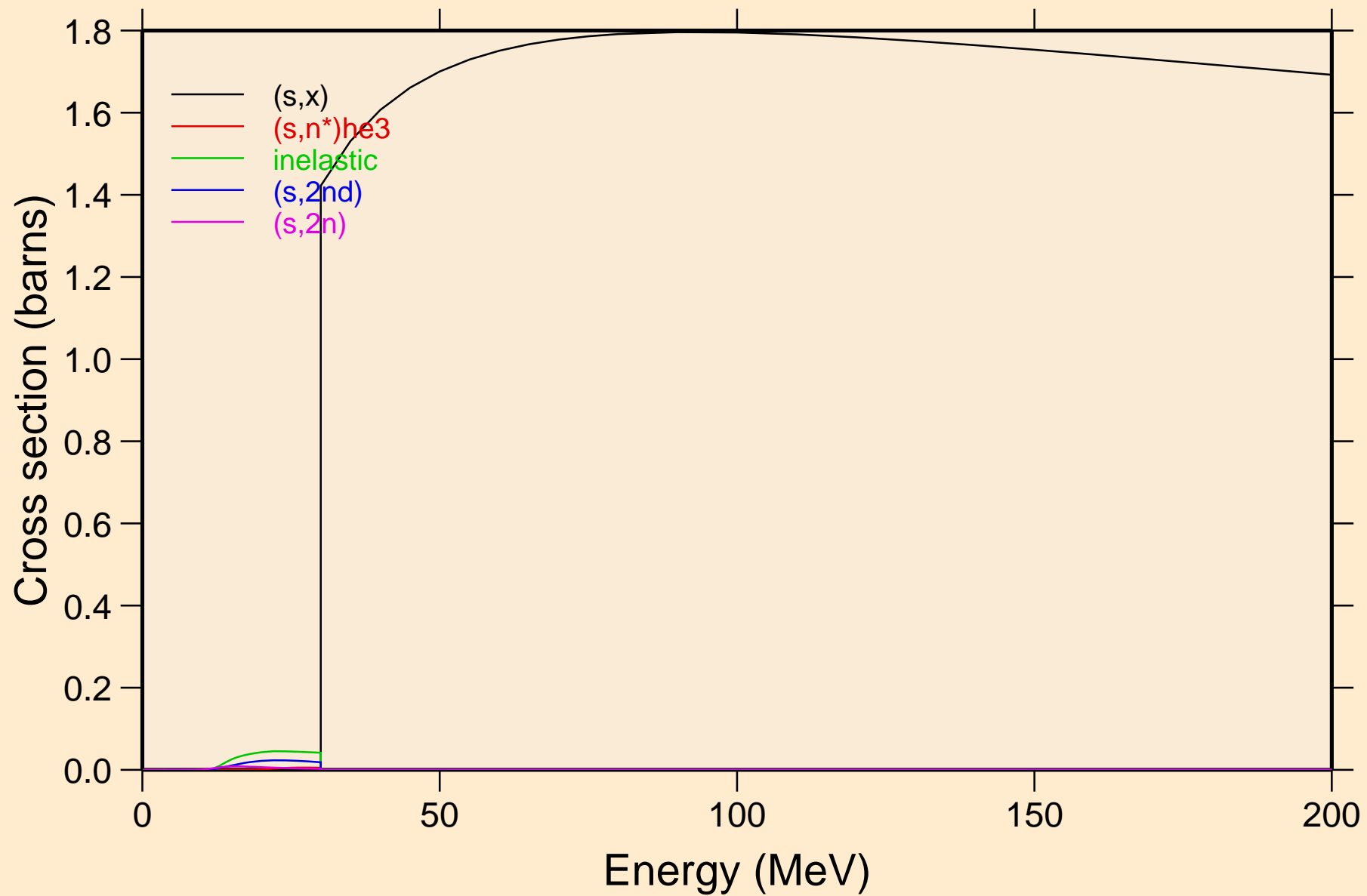
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Heating

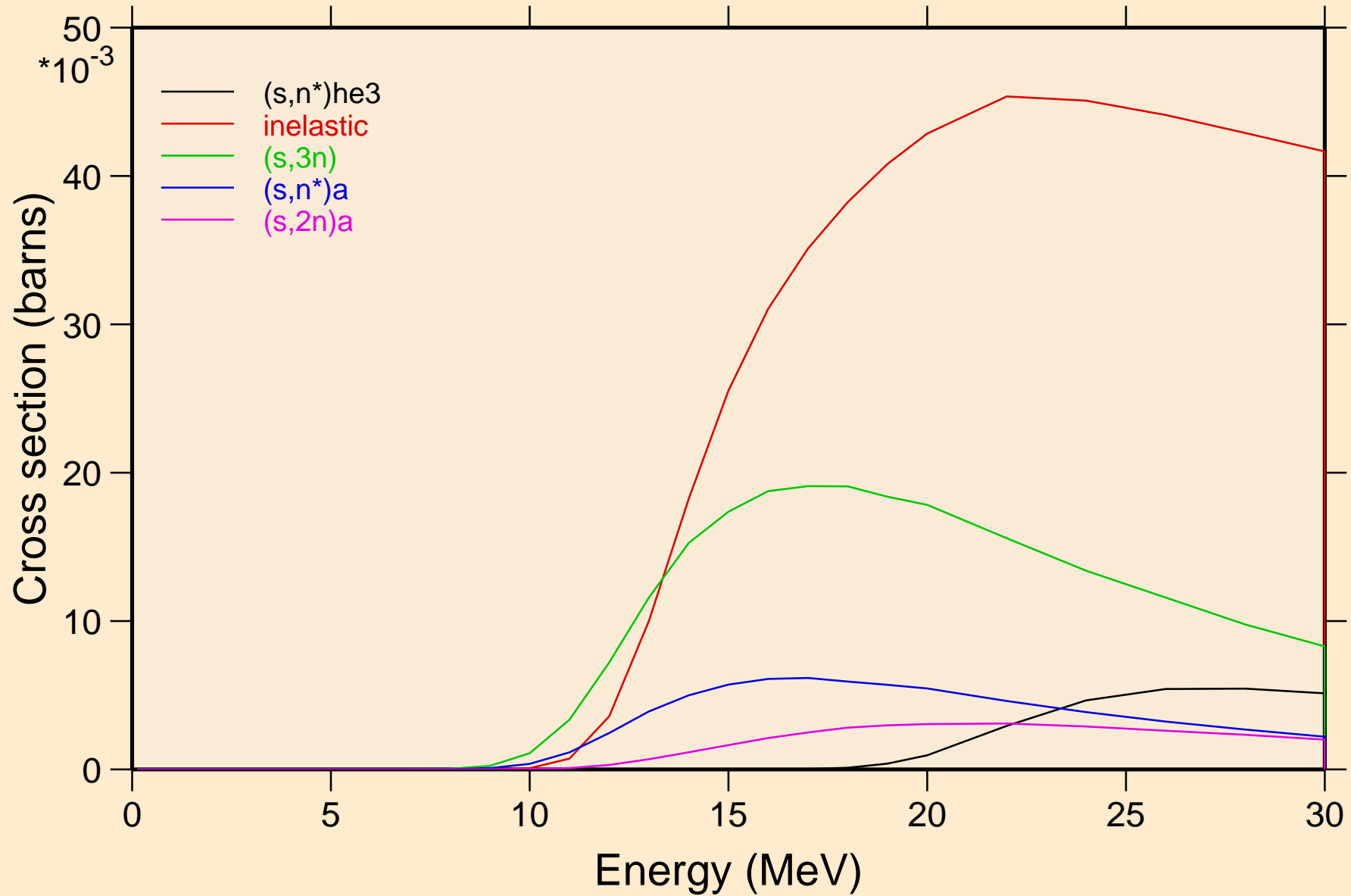


# Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K

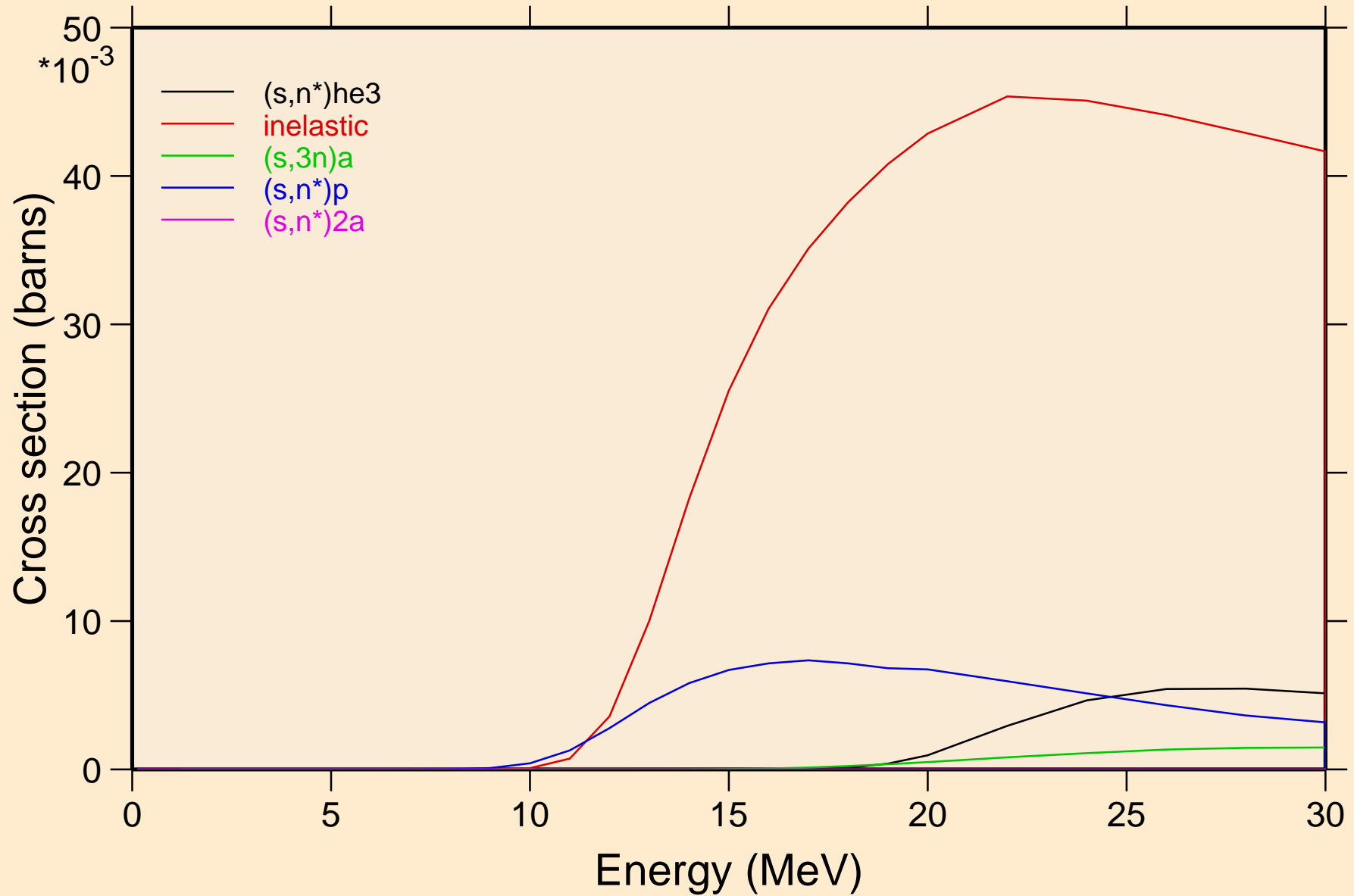
## Threshold reactions



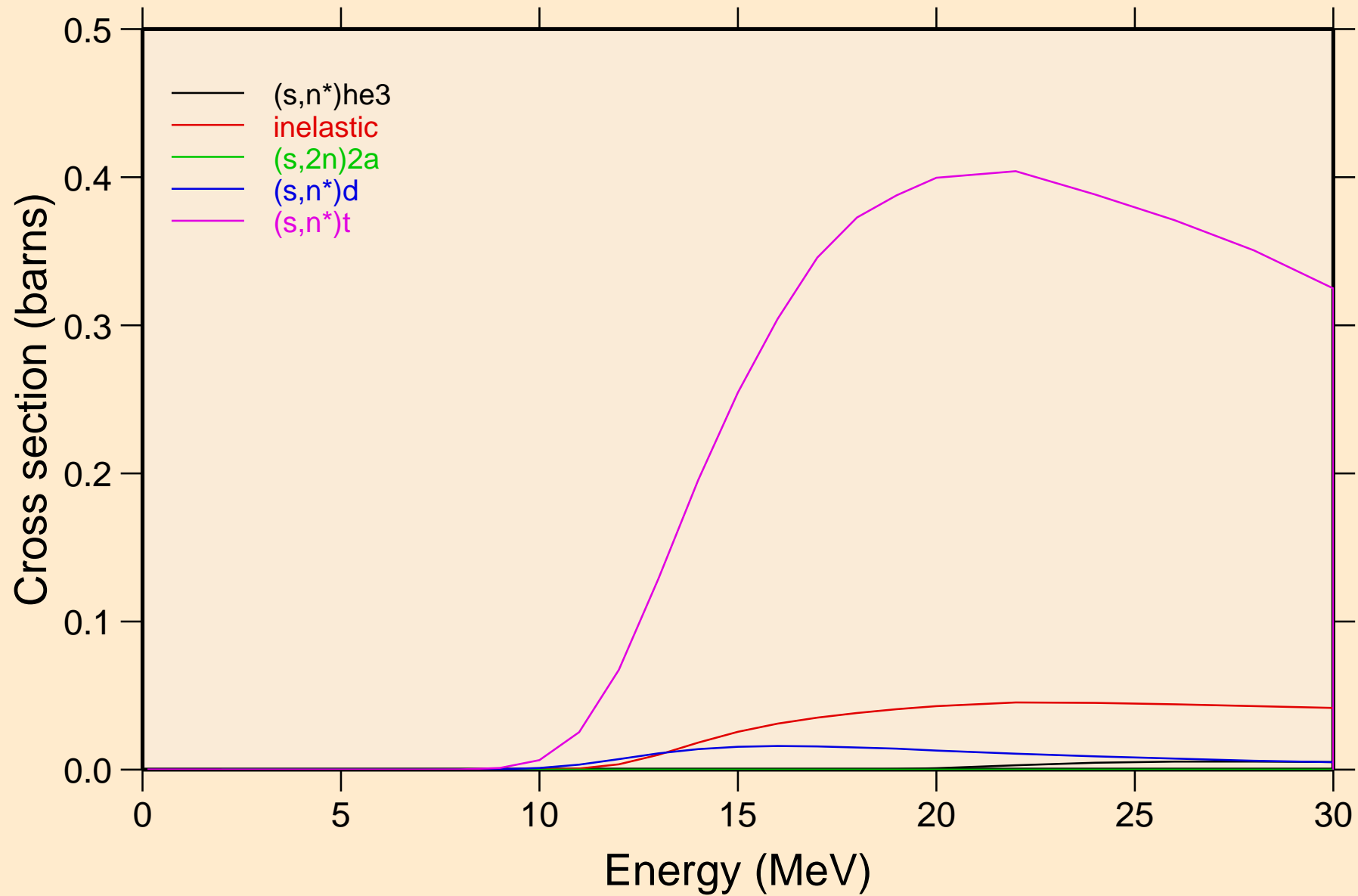
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

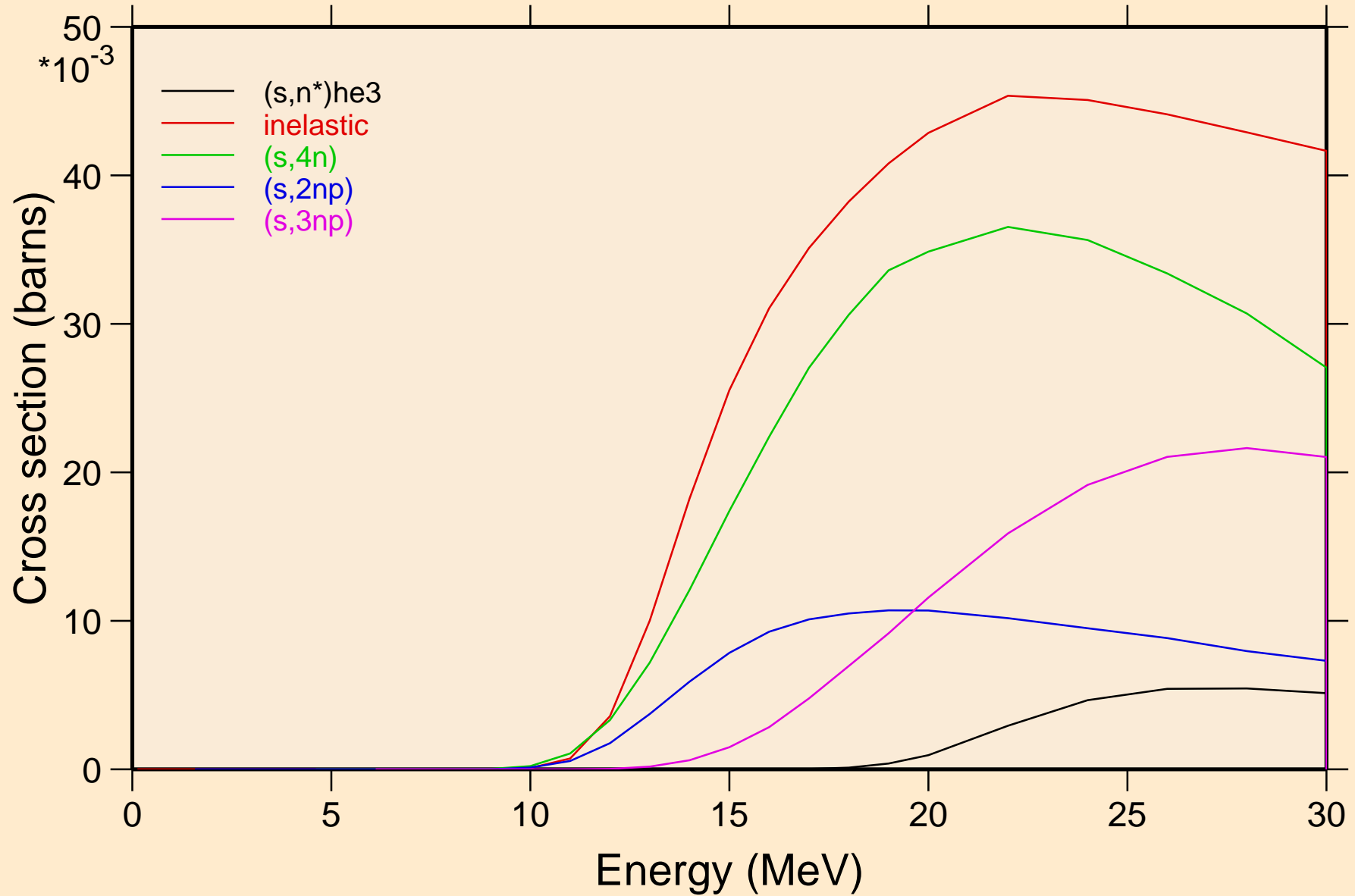


Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

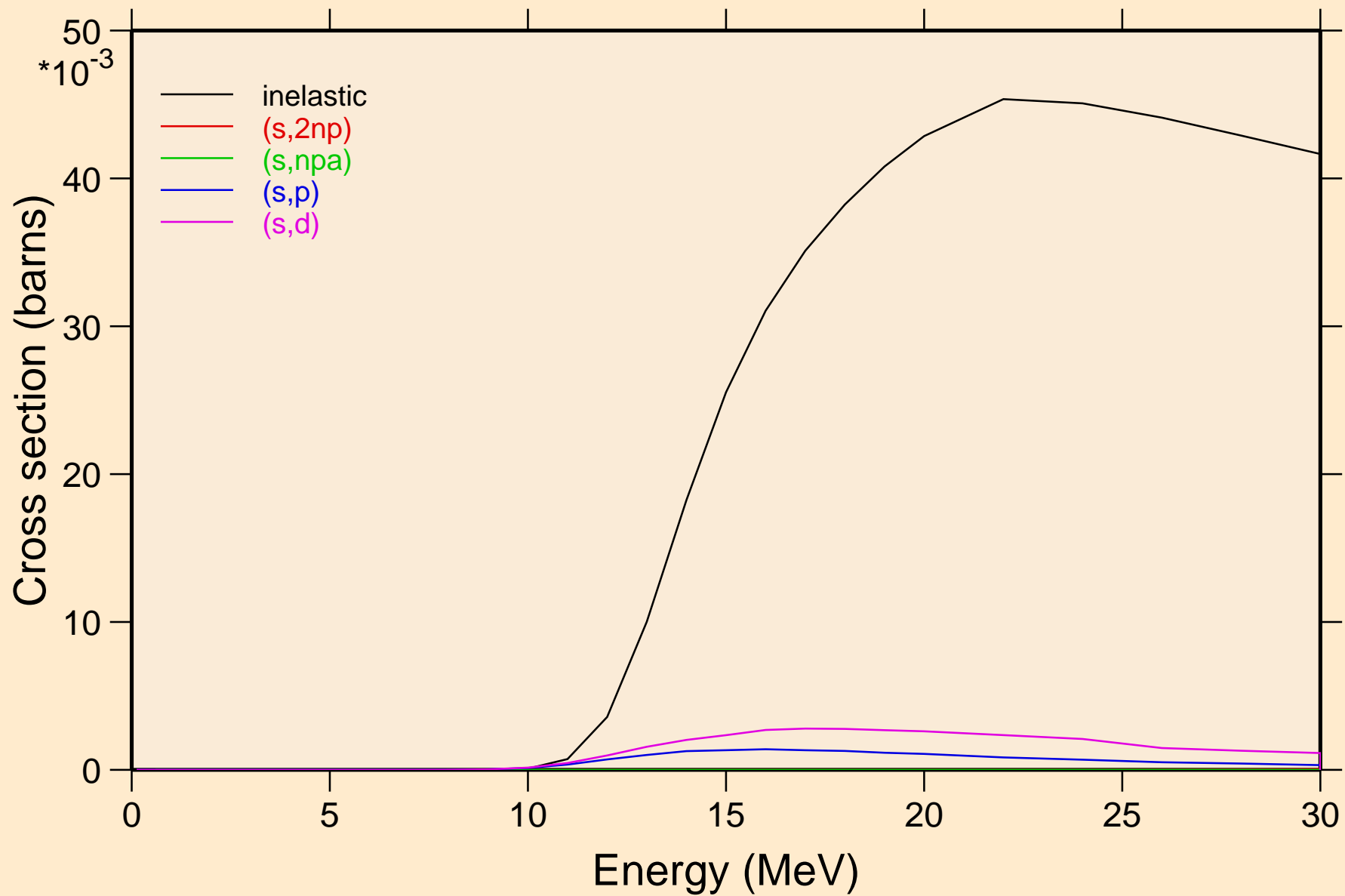




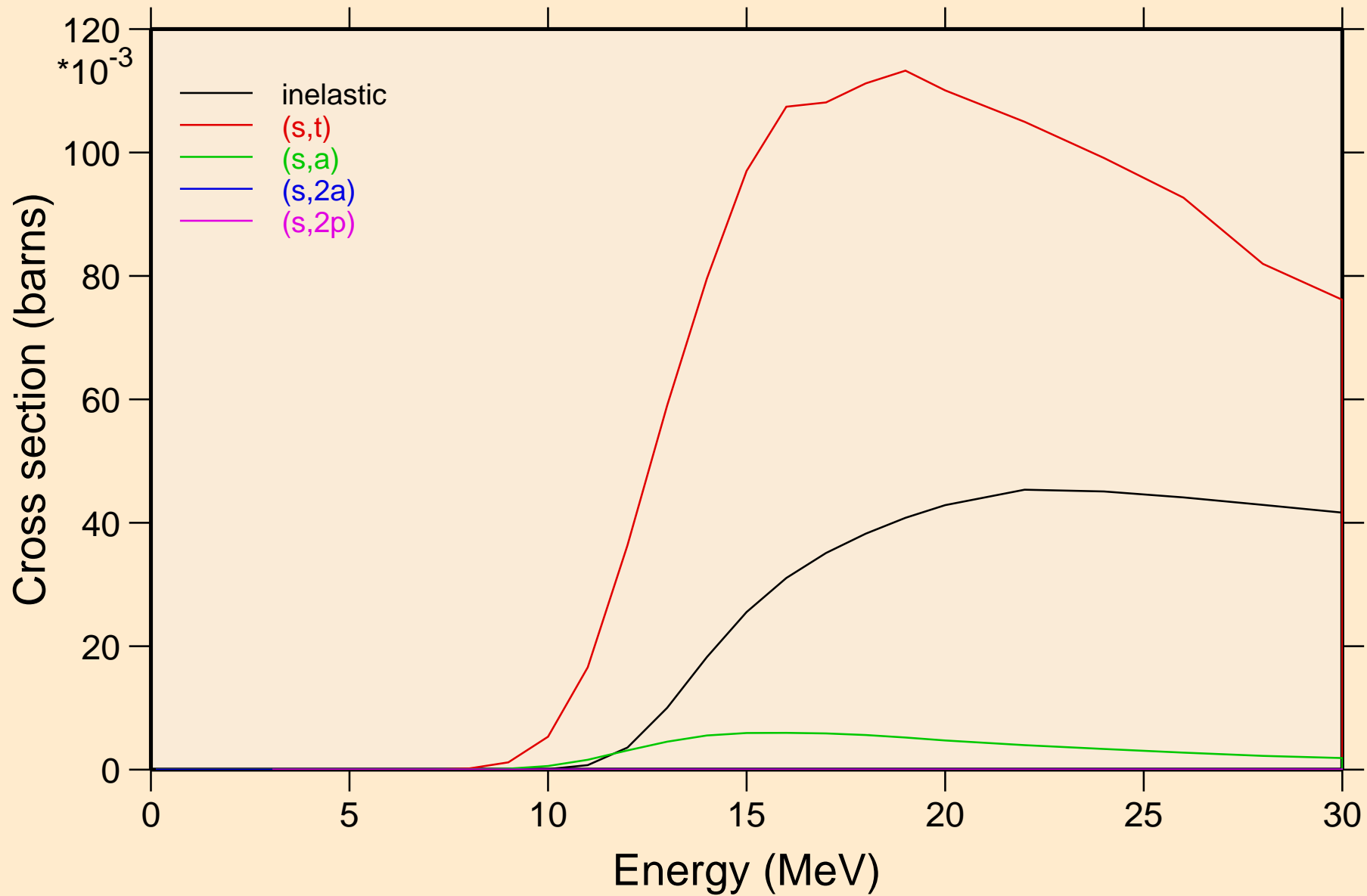
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Threshold reactions



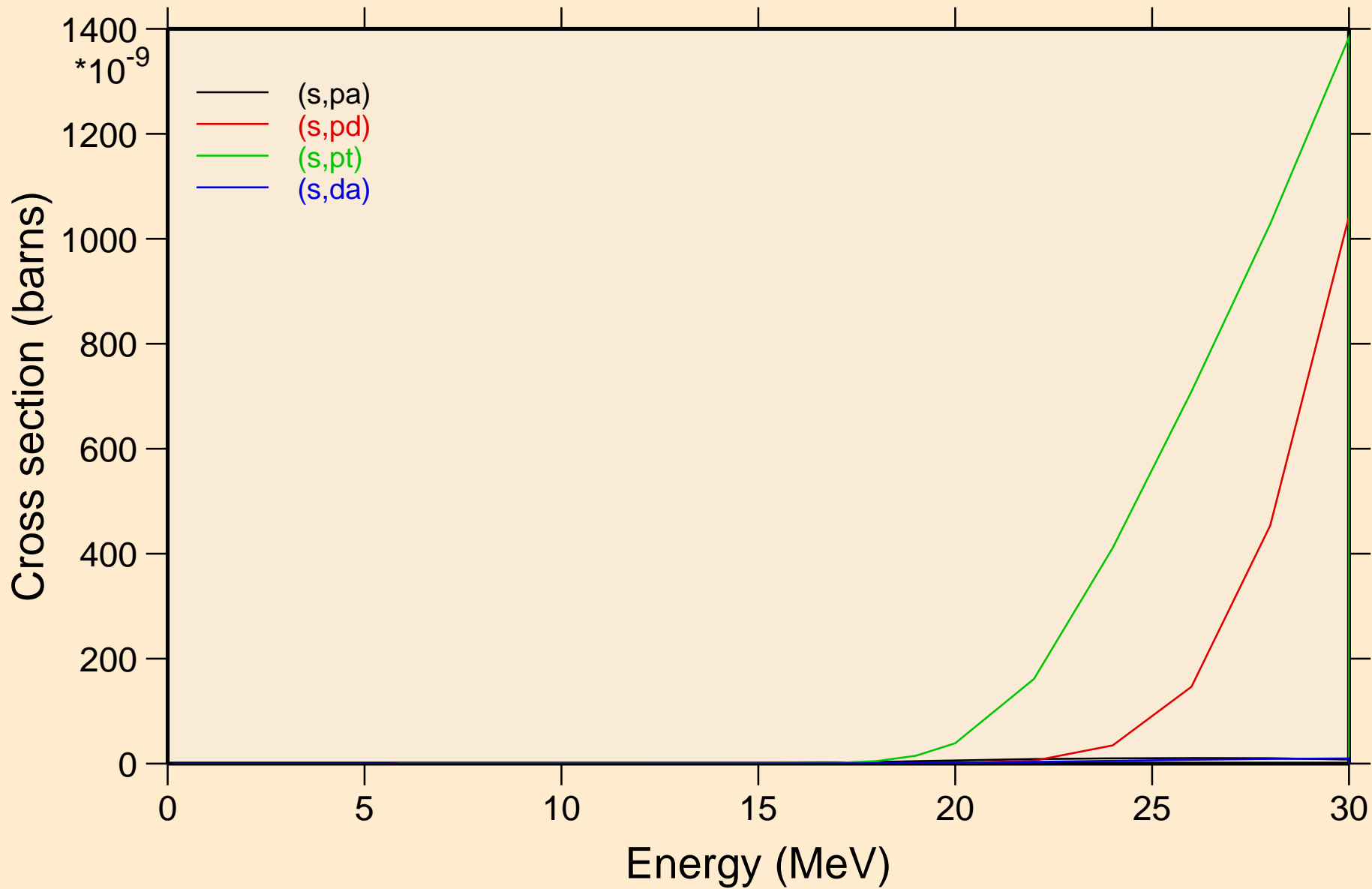
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Threshold reactions



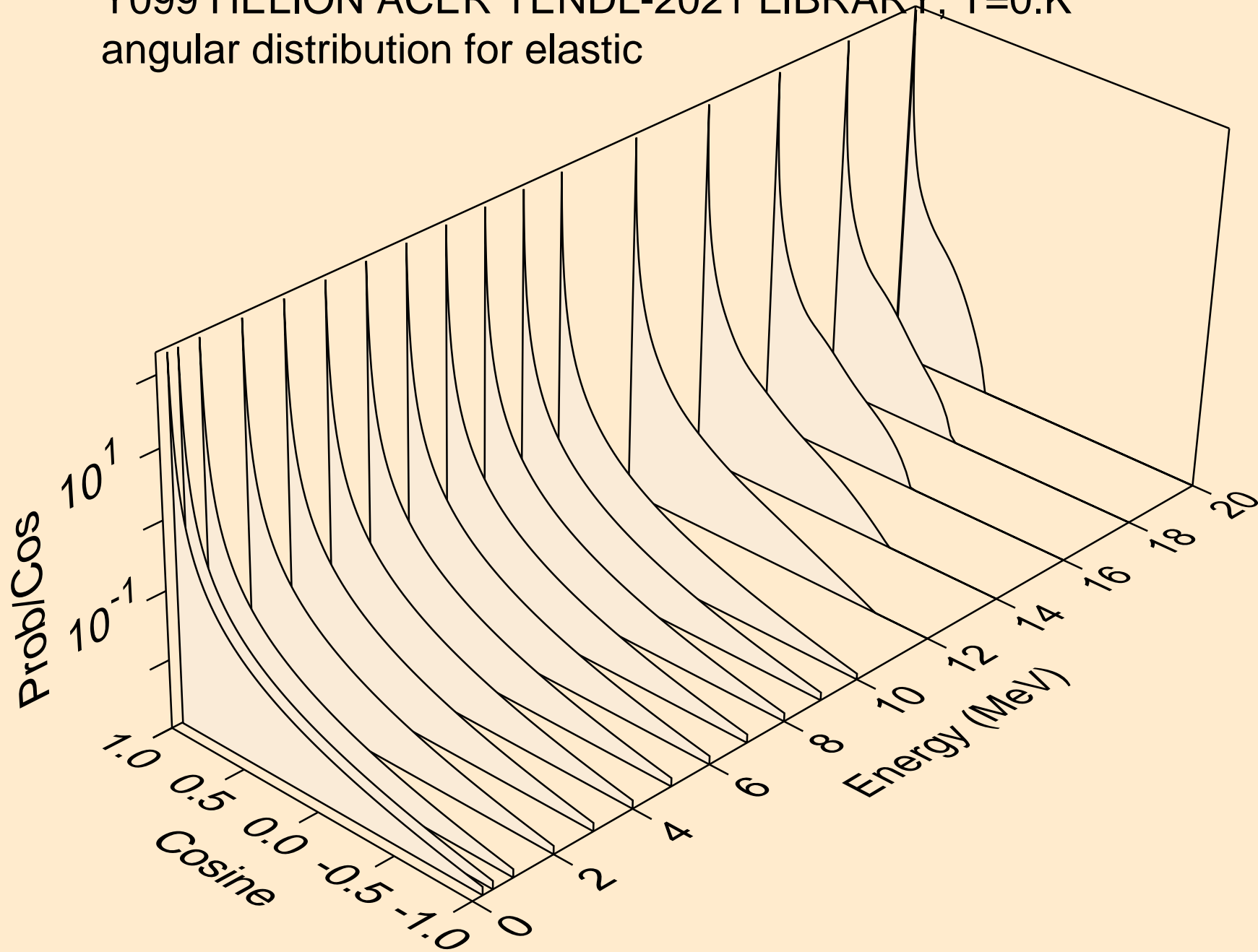
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Threshold reactions



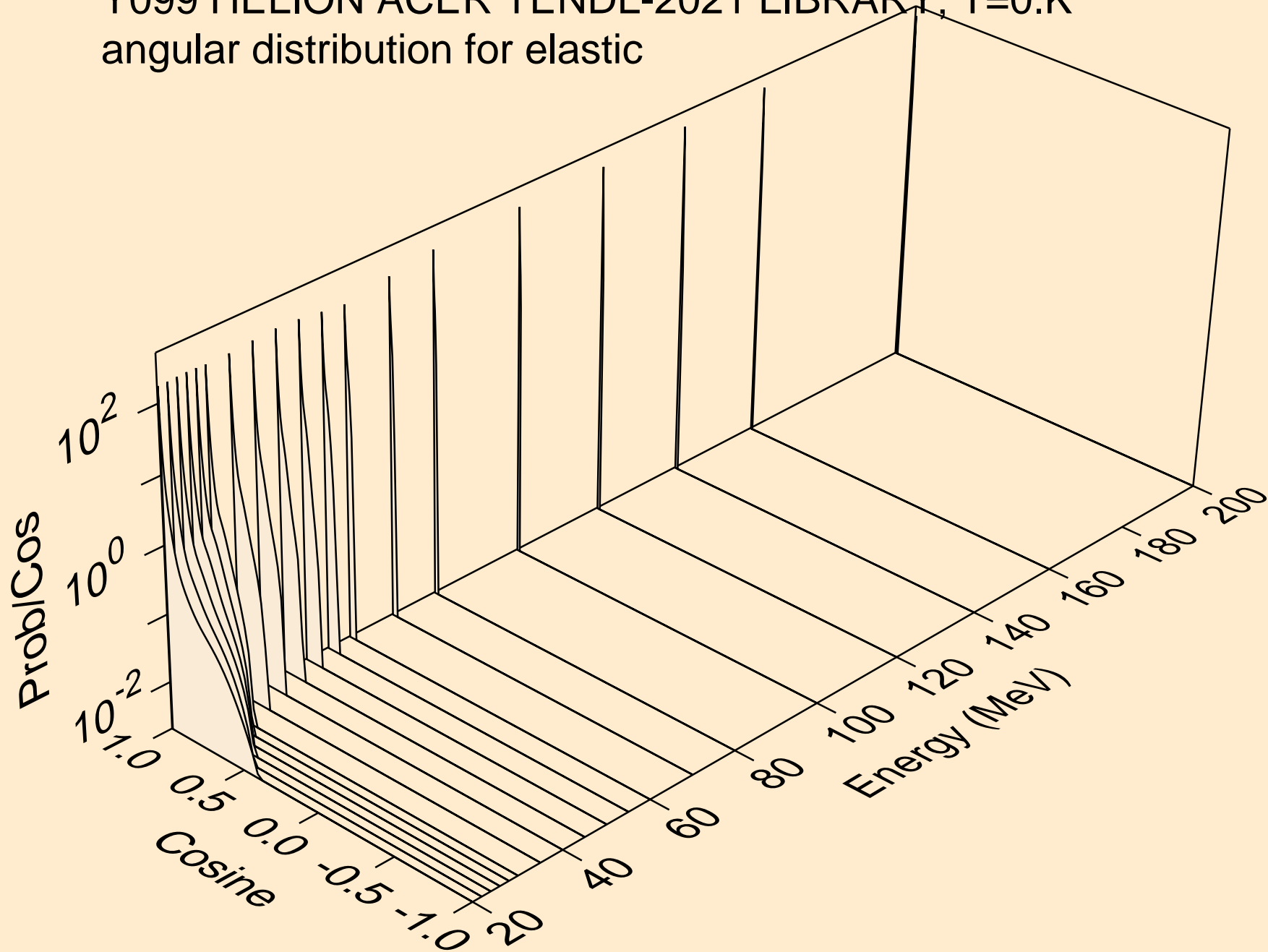
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Threshold reactions



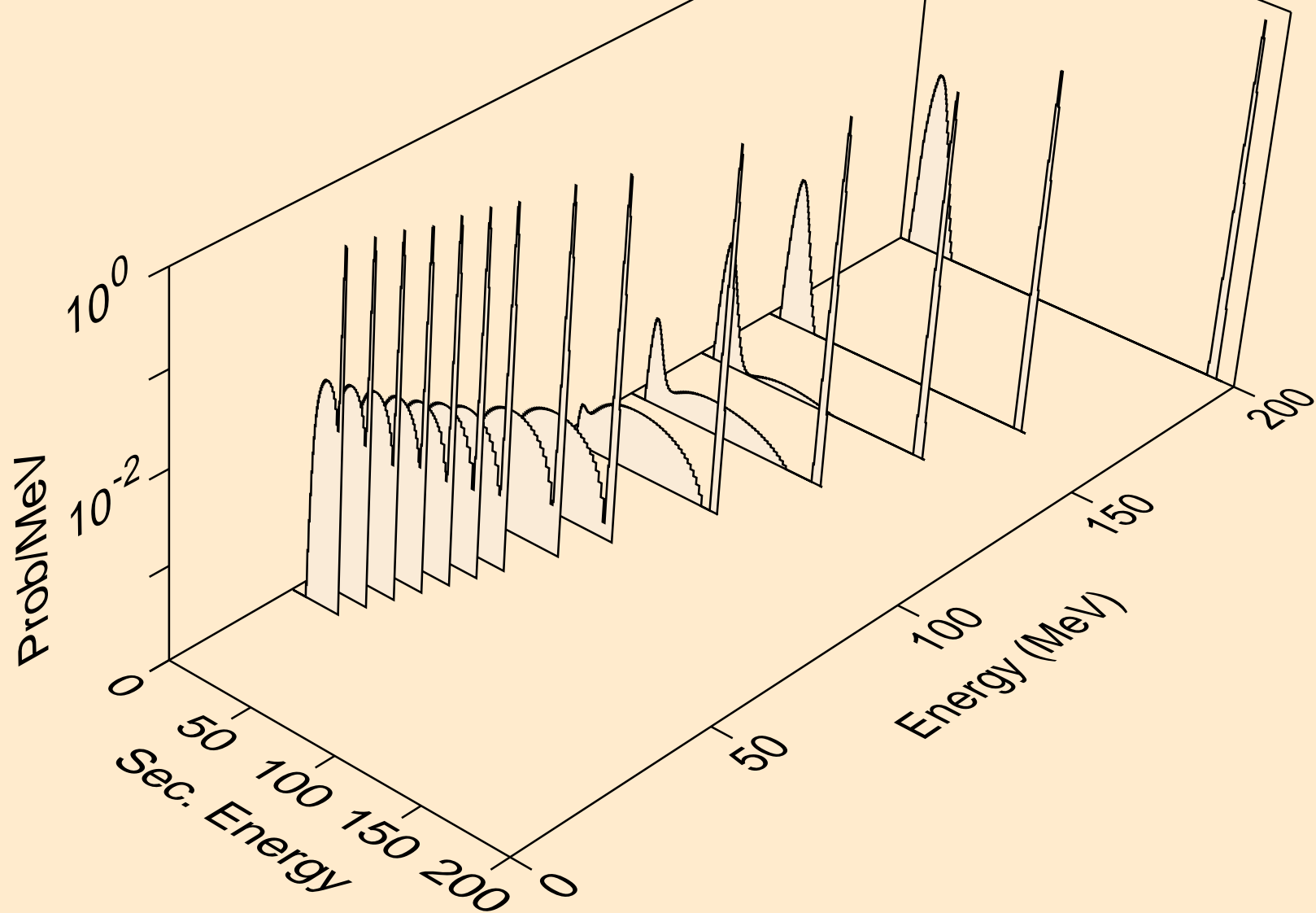
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



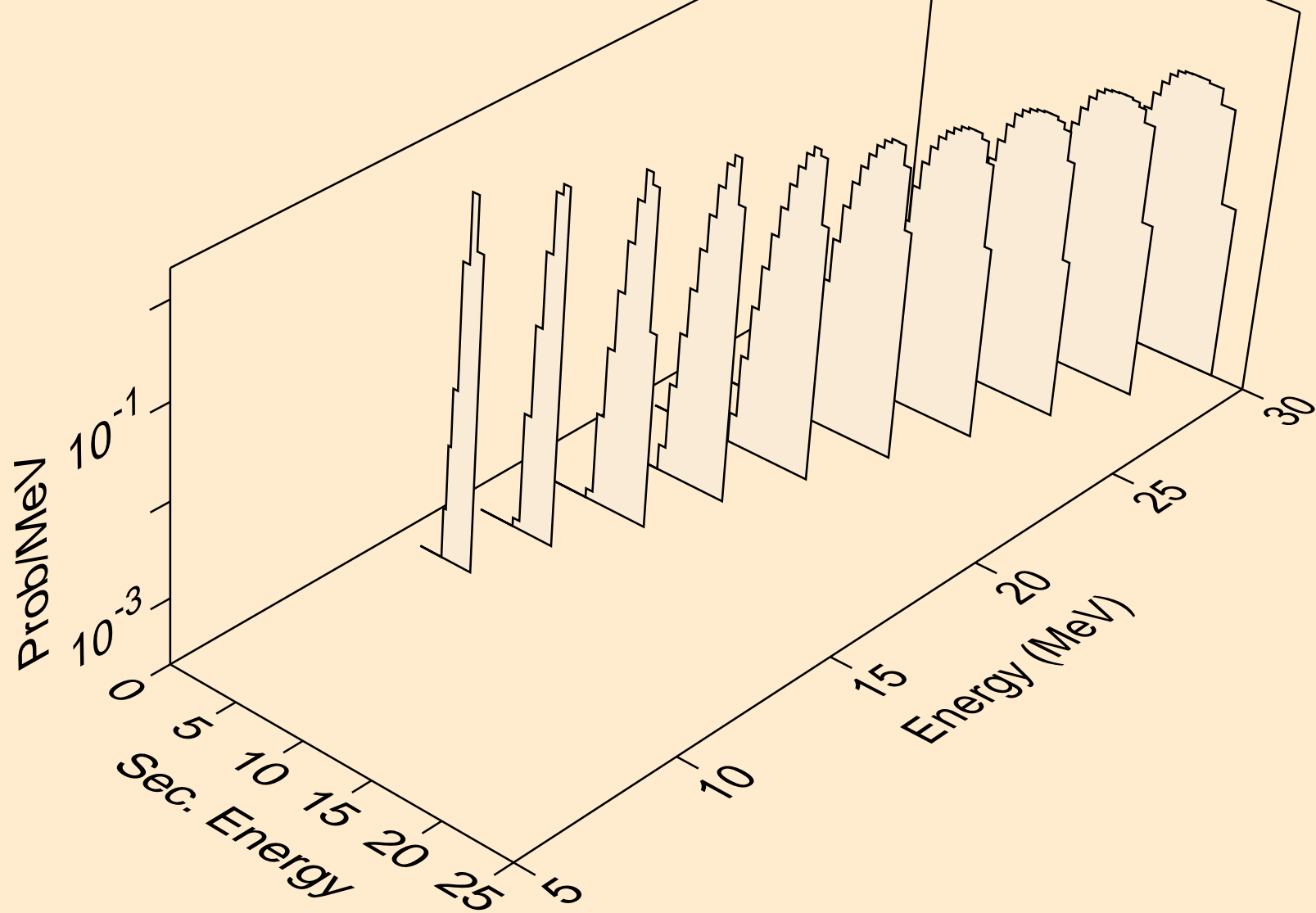
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

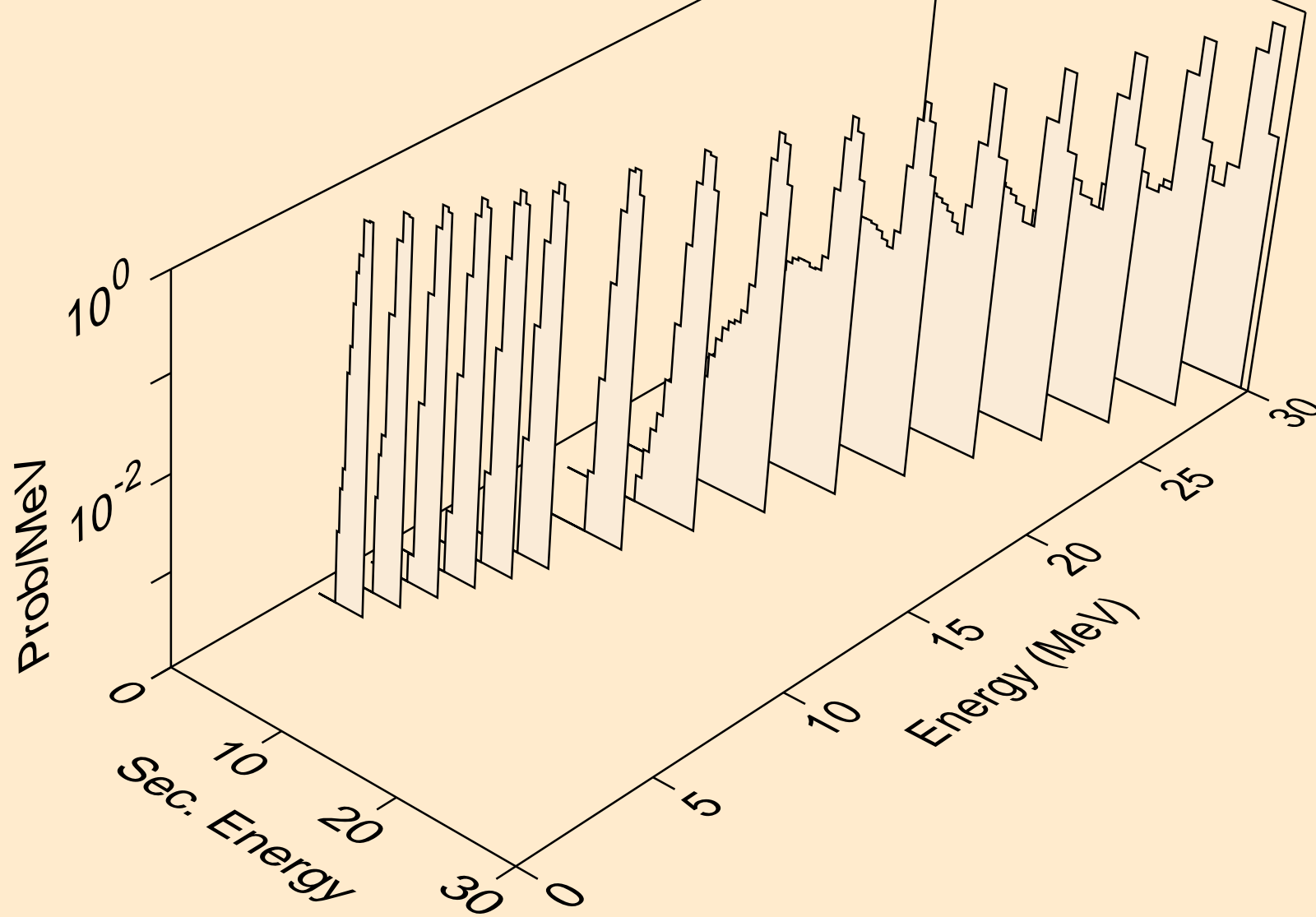


Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

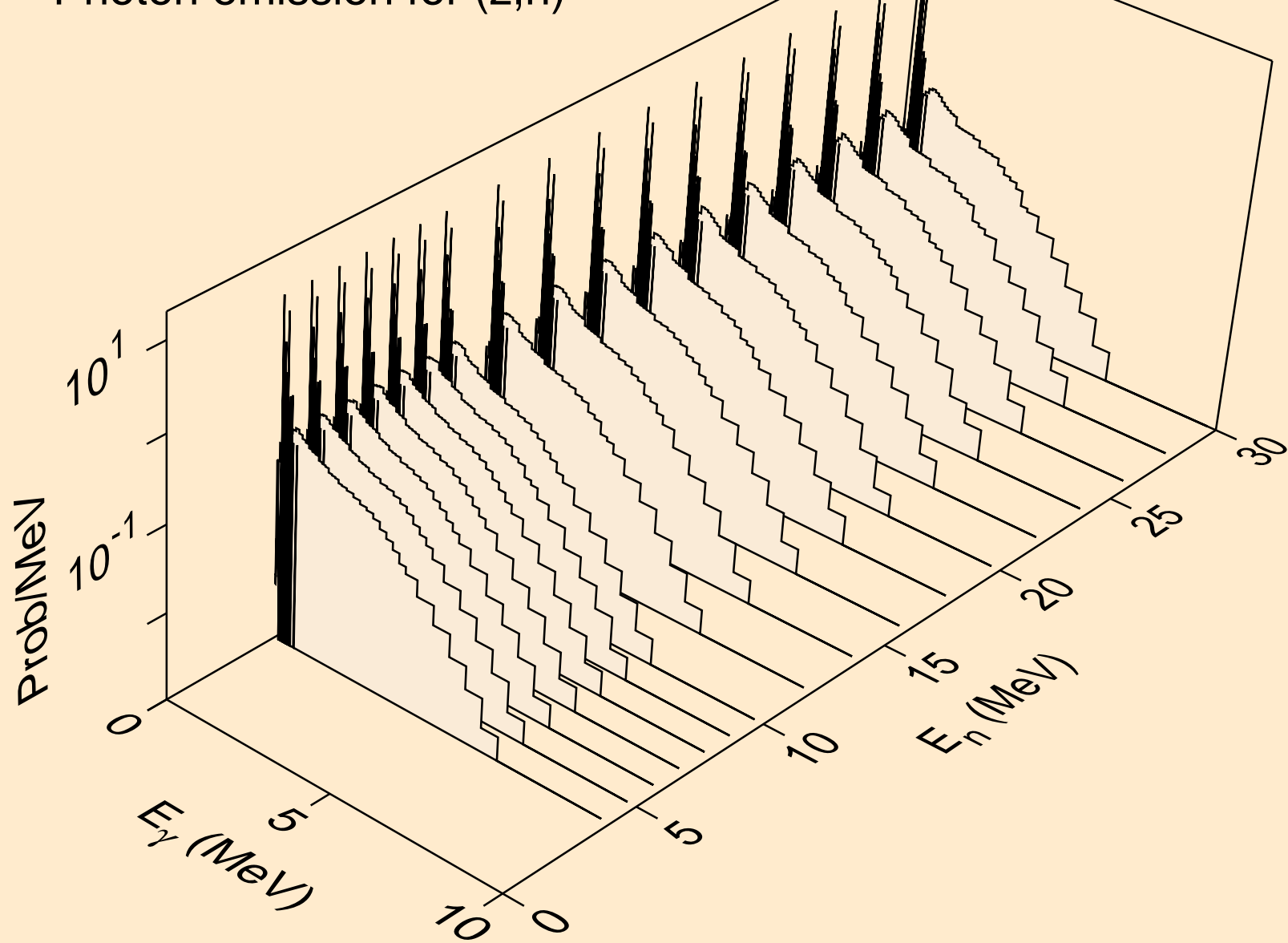




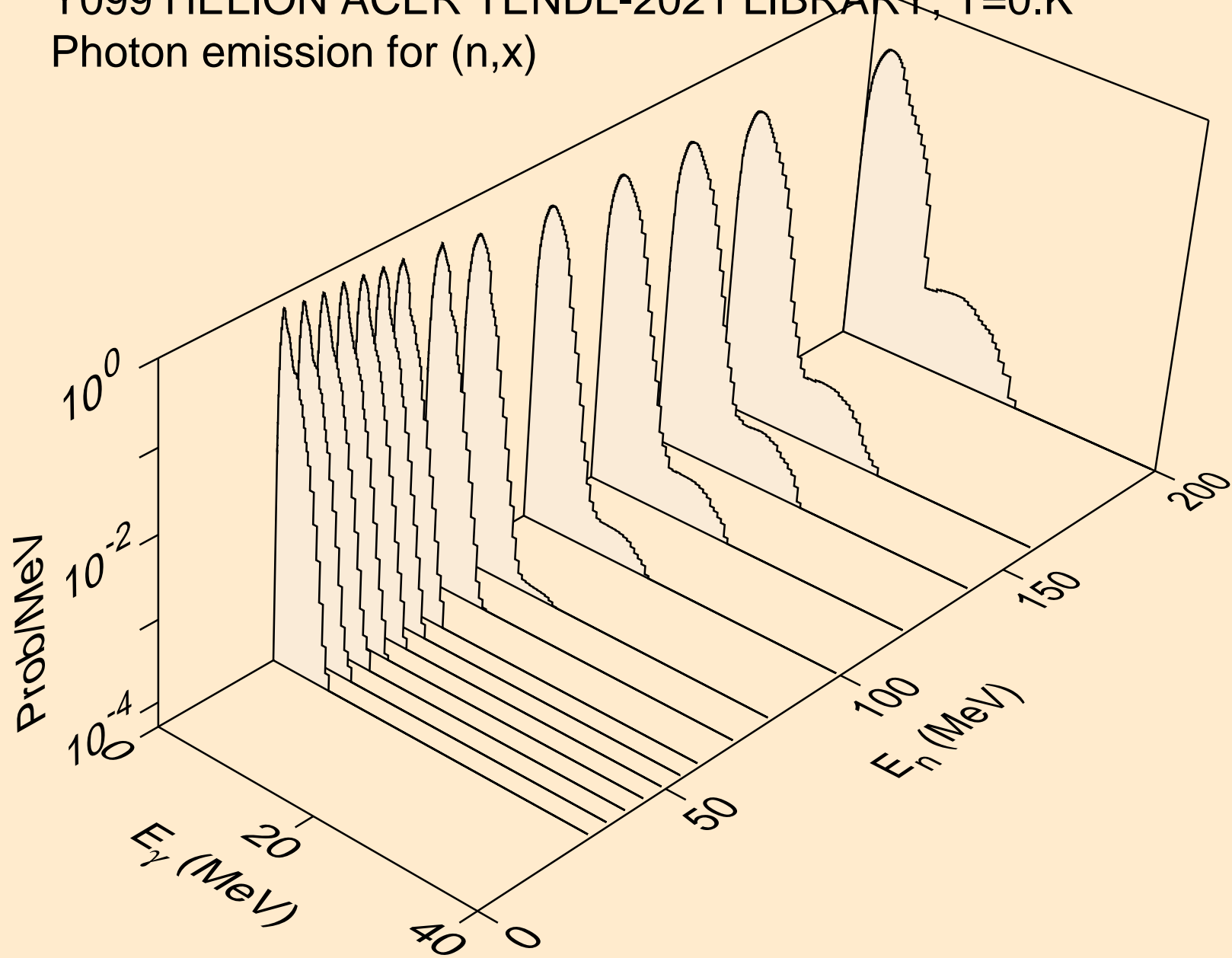
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



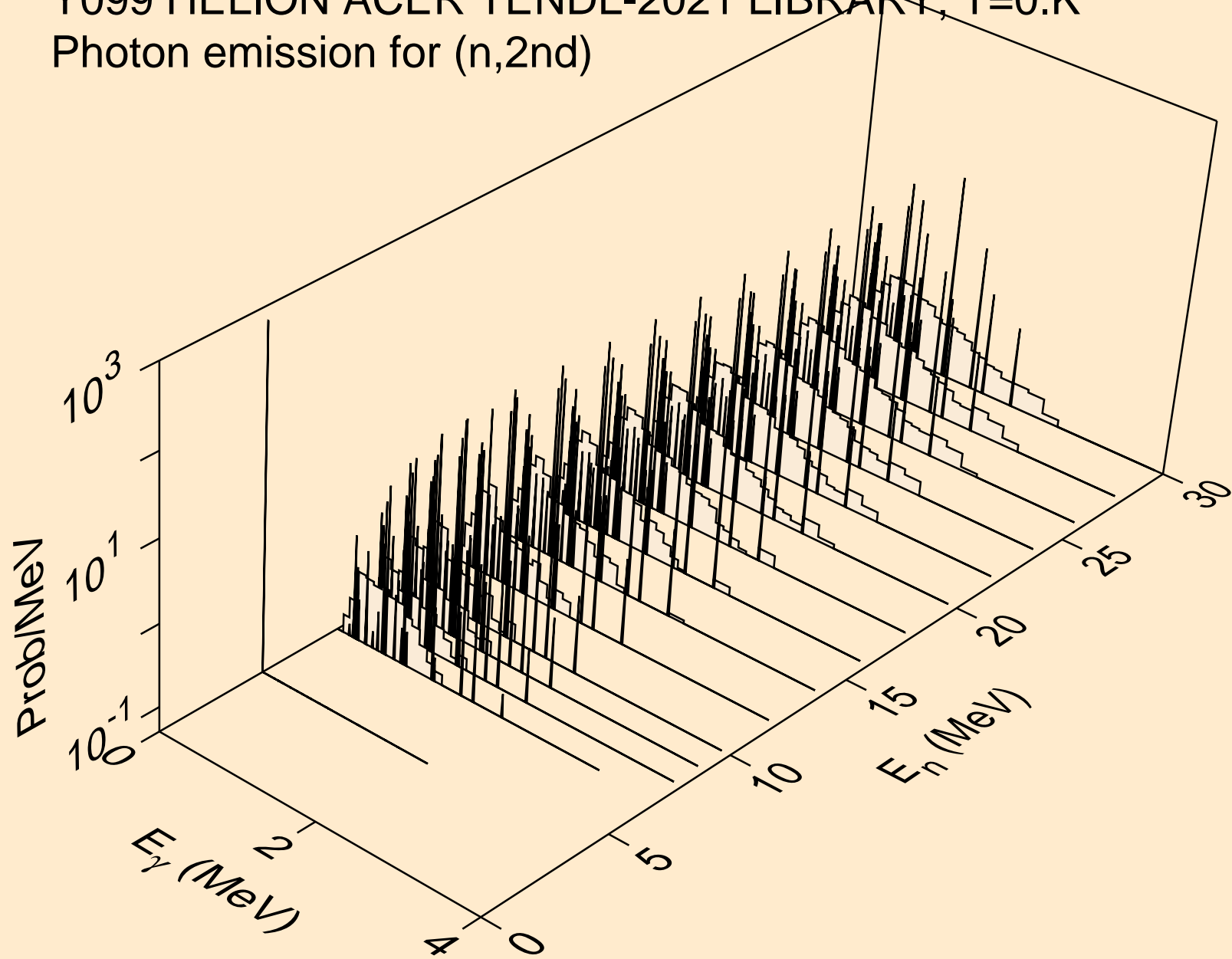
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



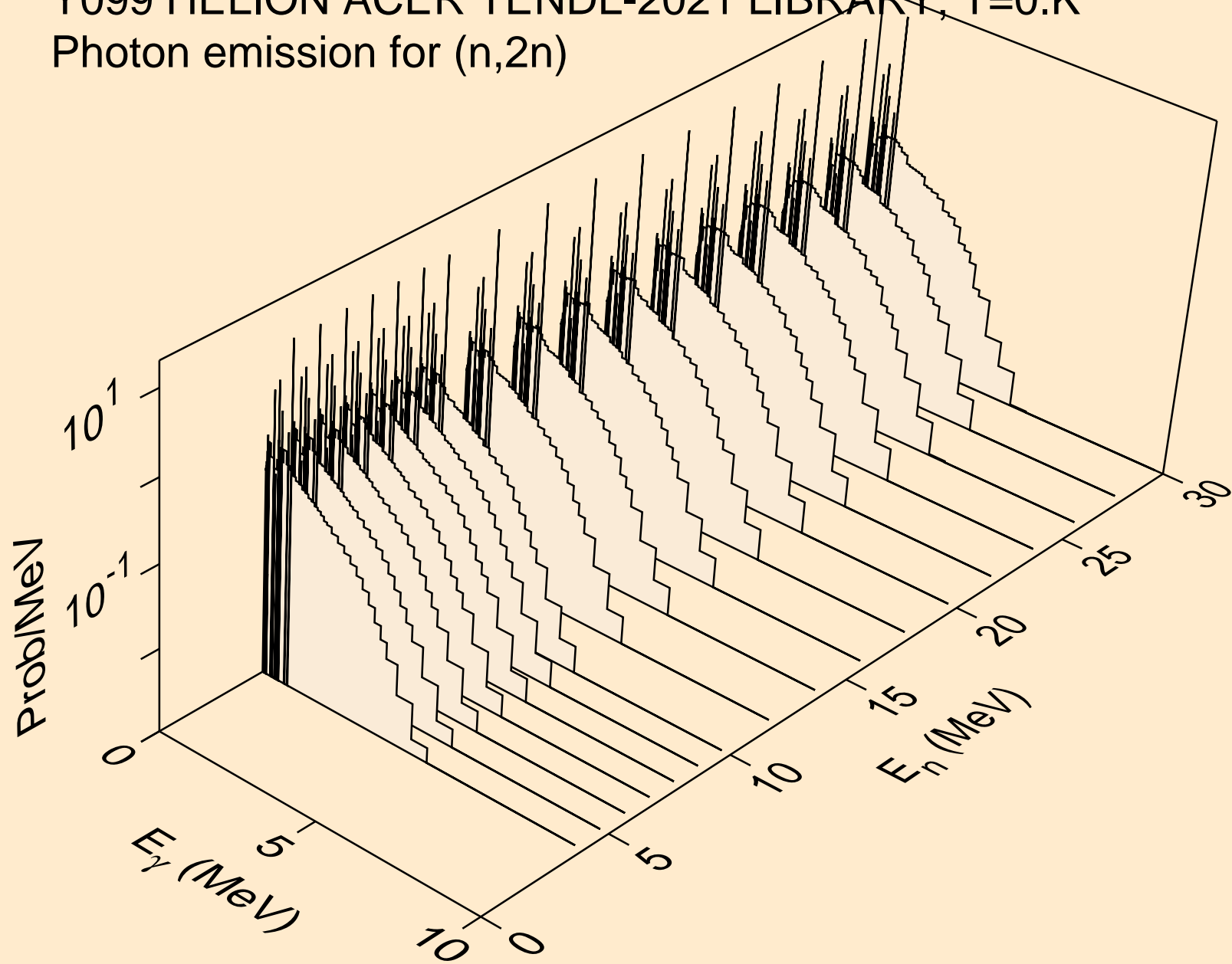
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



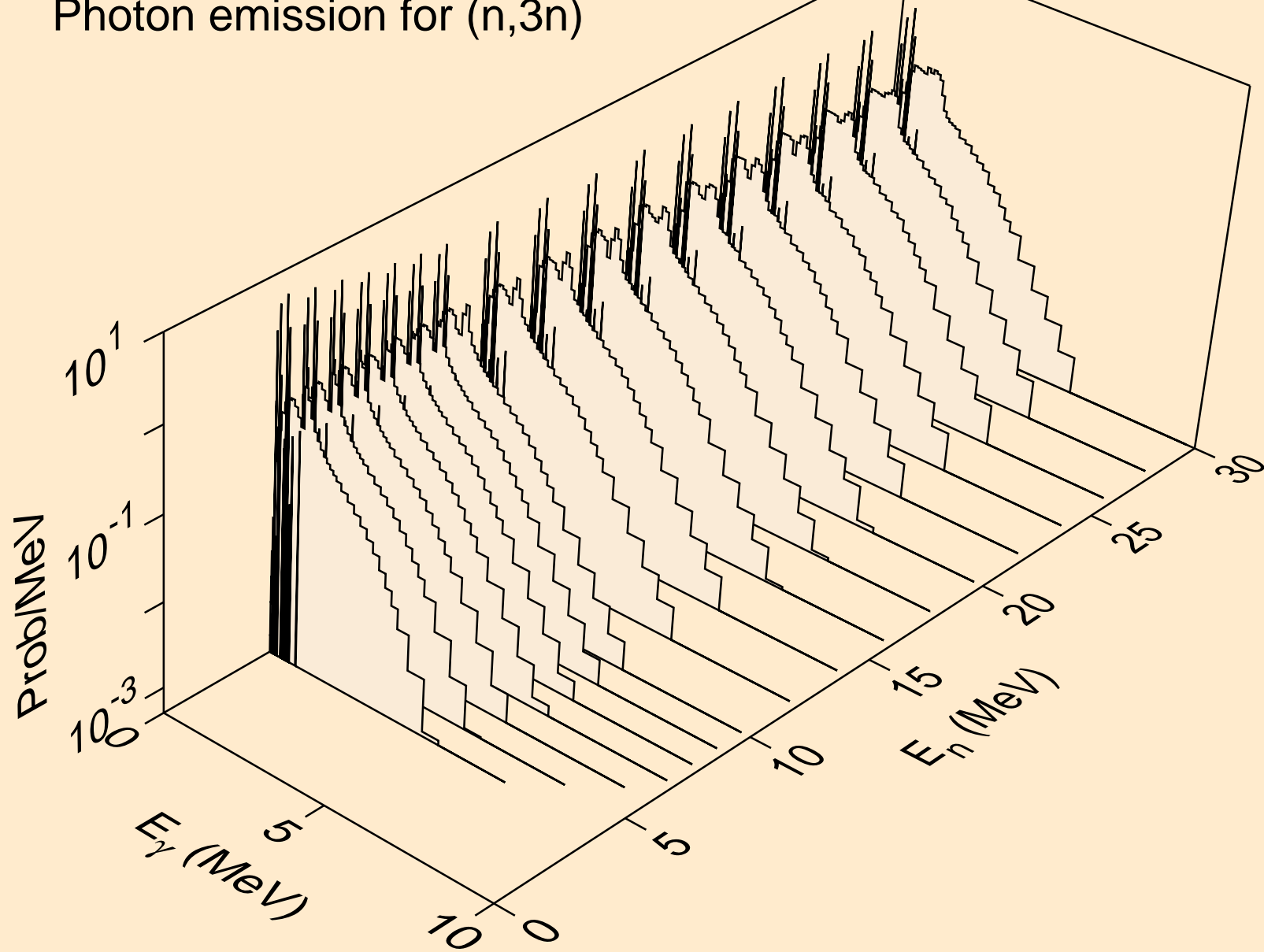
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



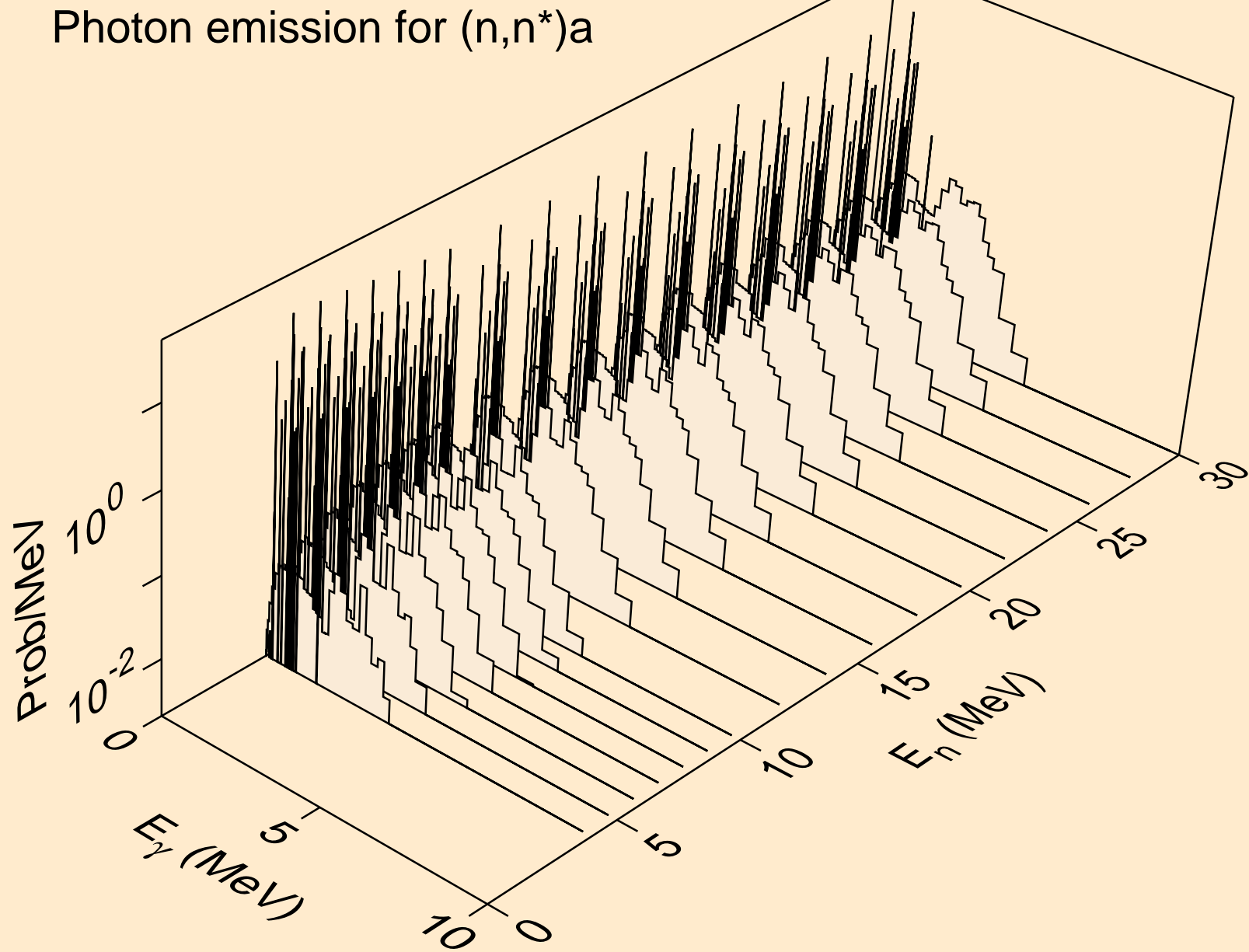
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



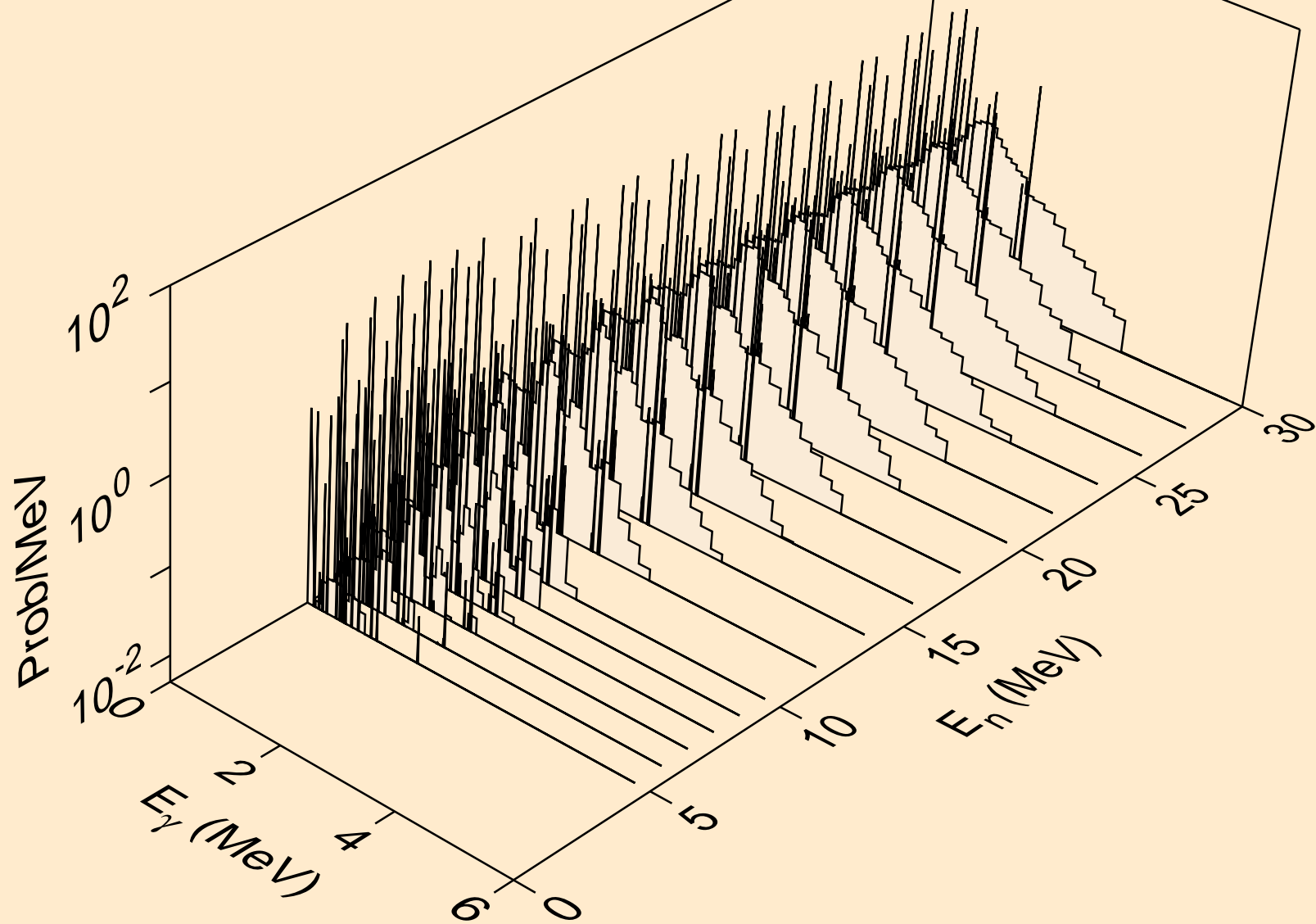
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

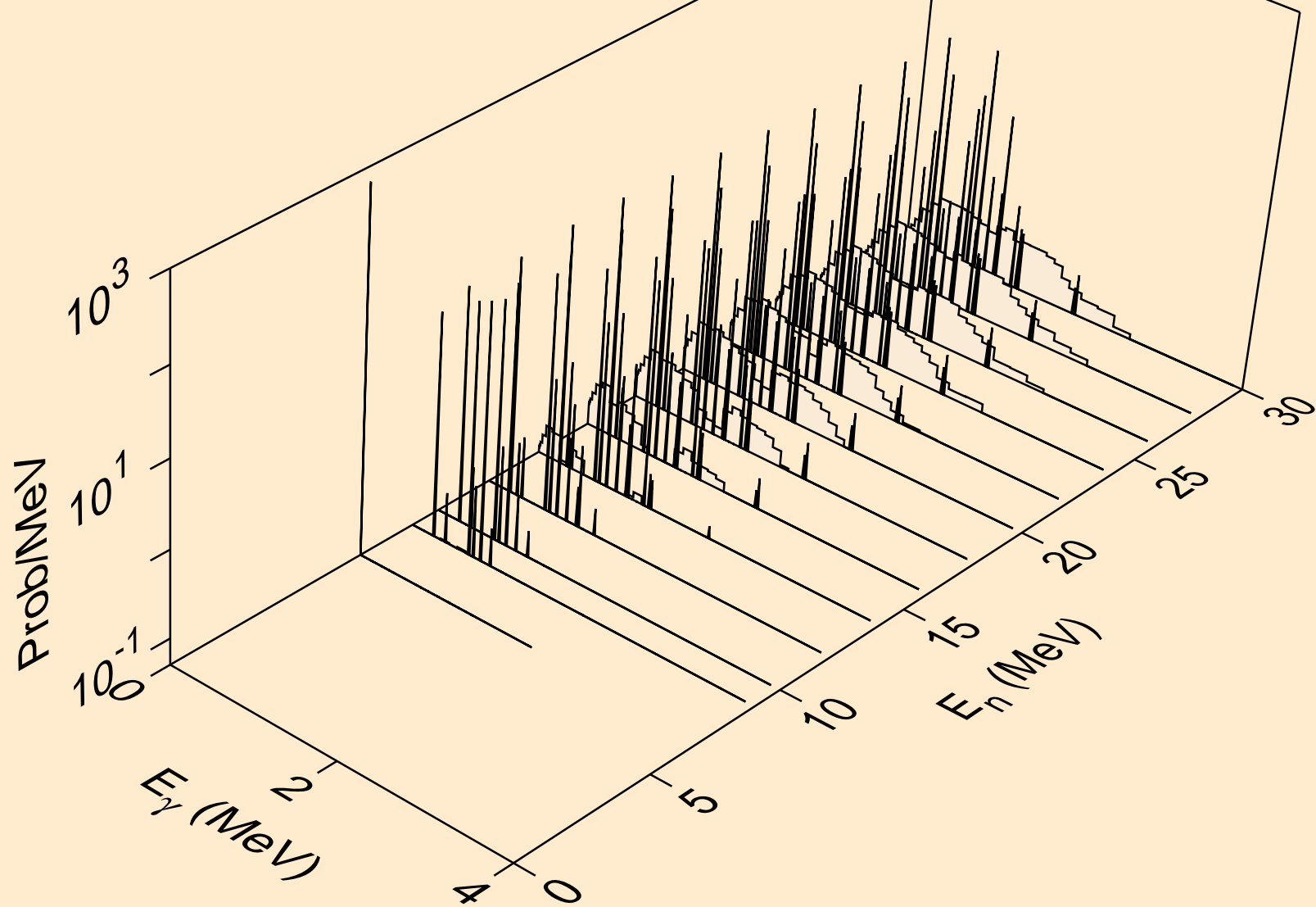


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Photon emission for (n,2n)a

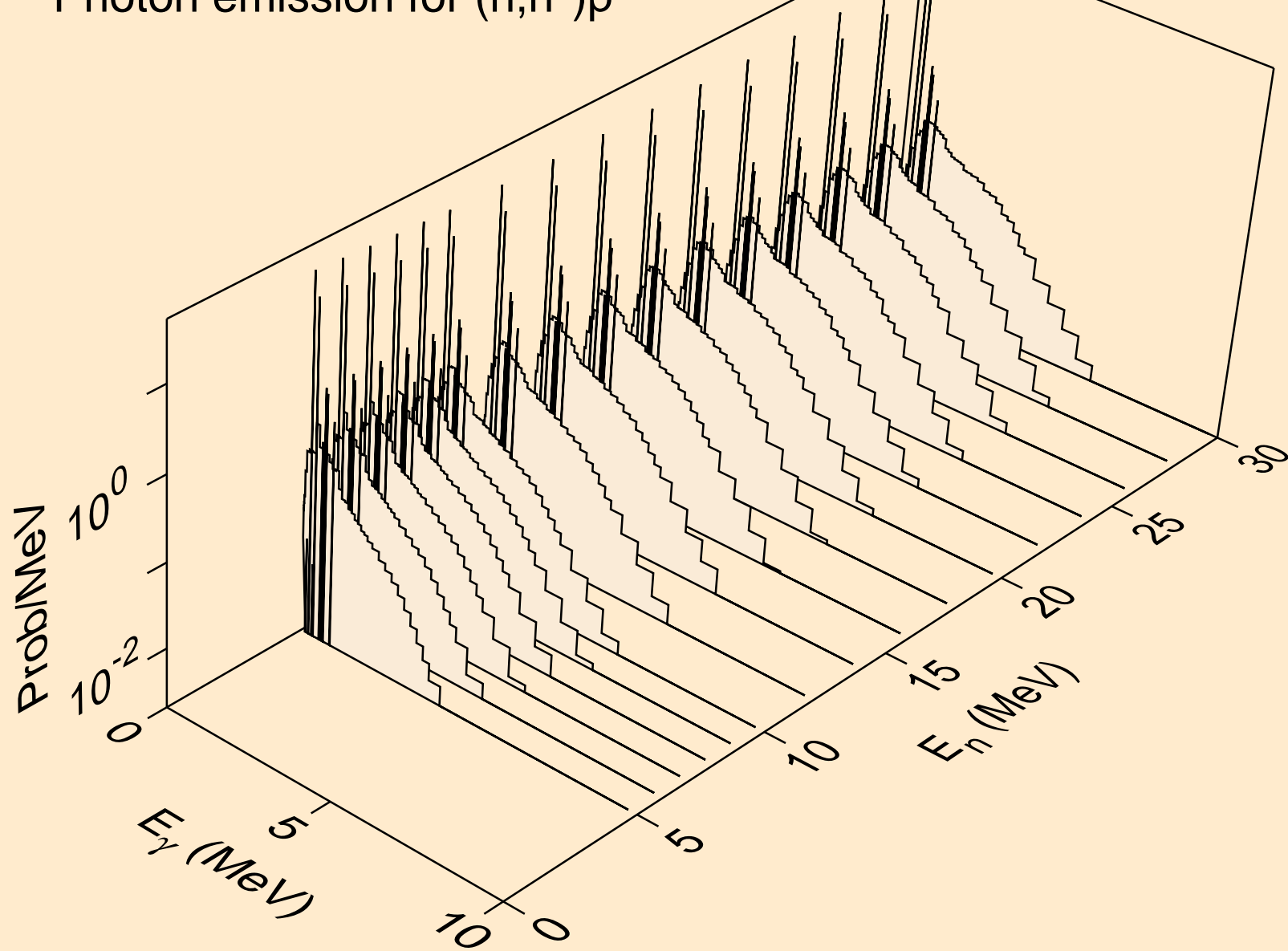




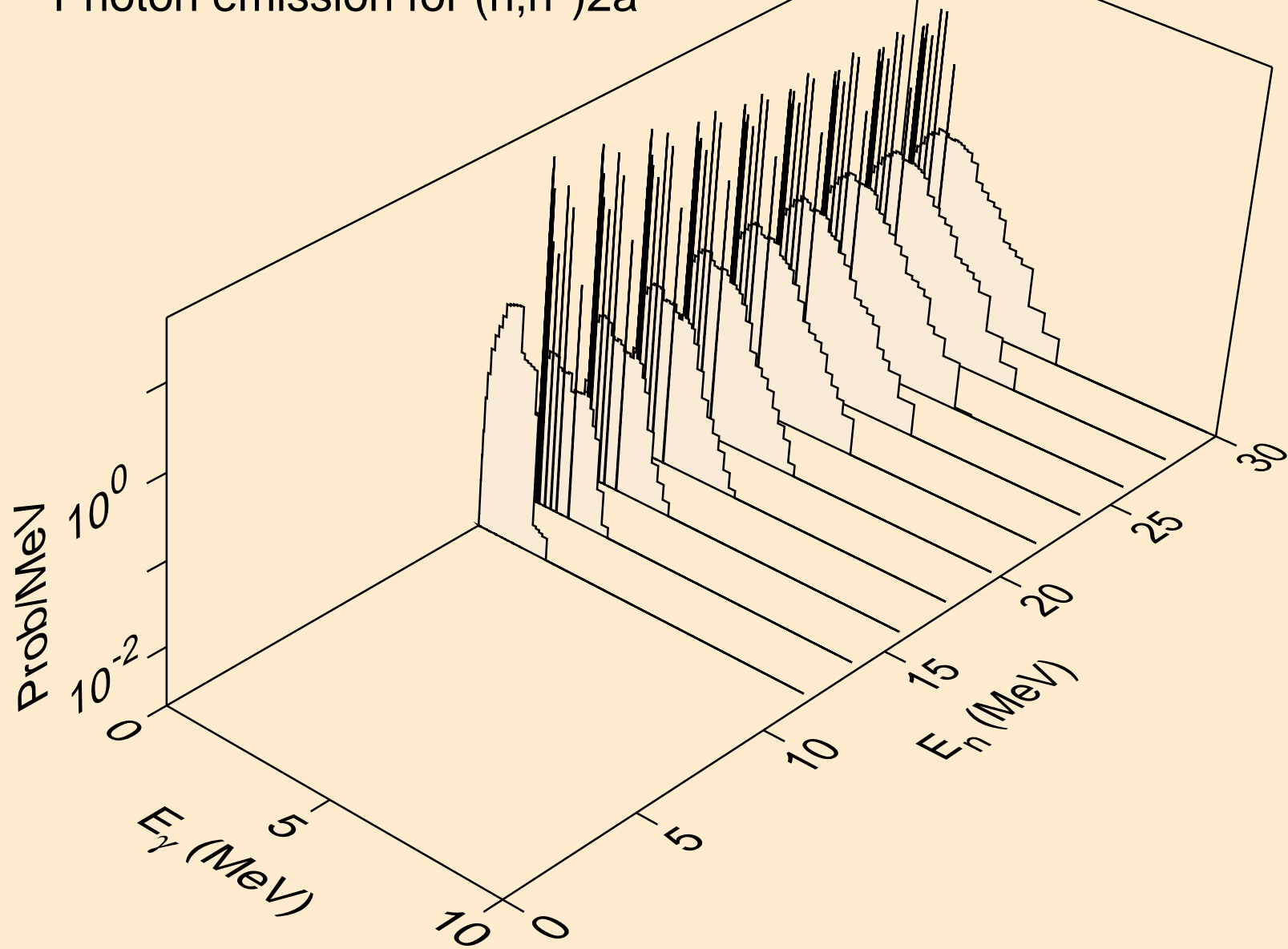
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Photon emission for (n,3n)a



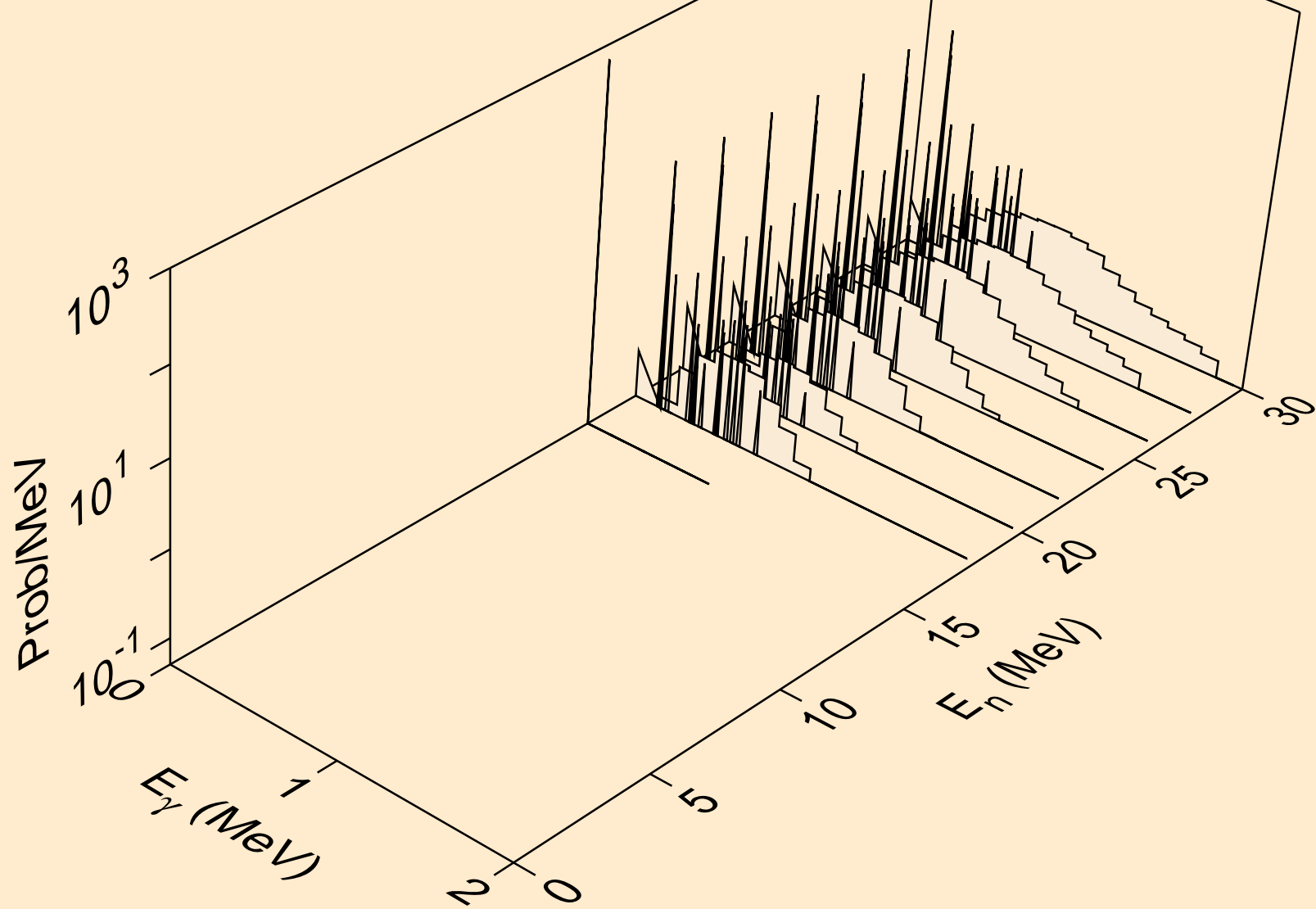
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



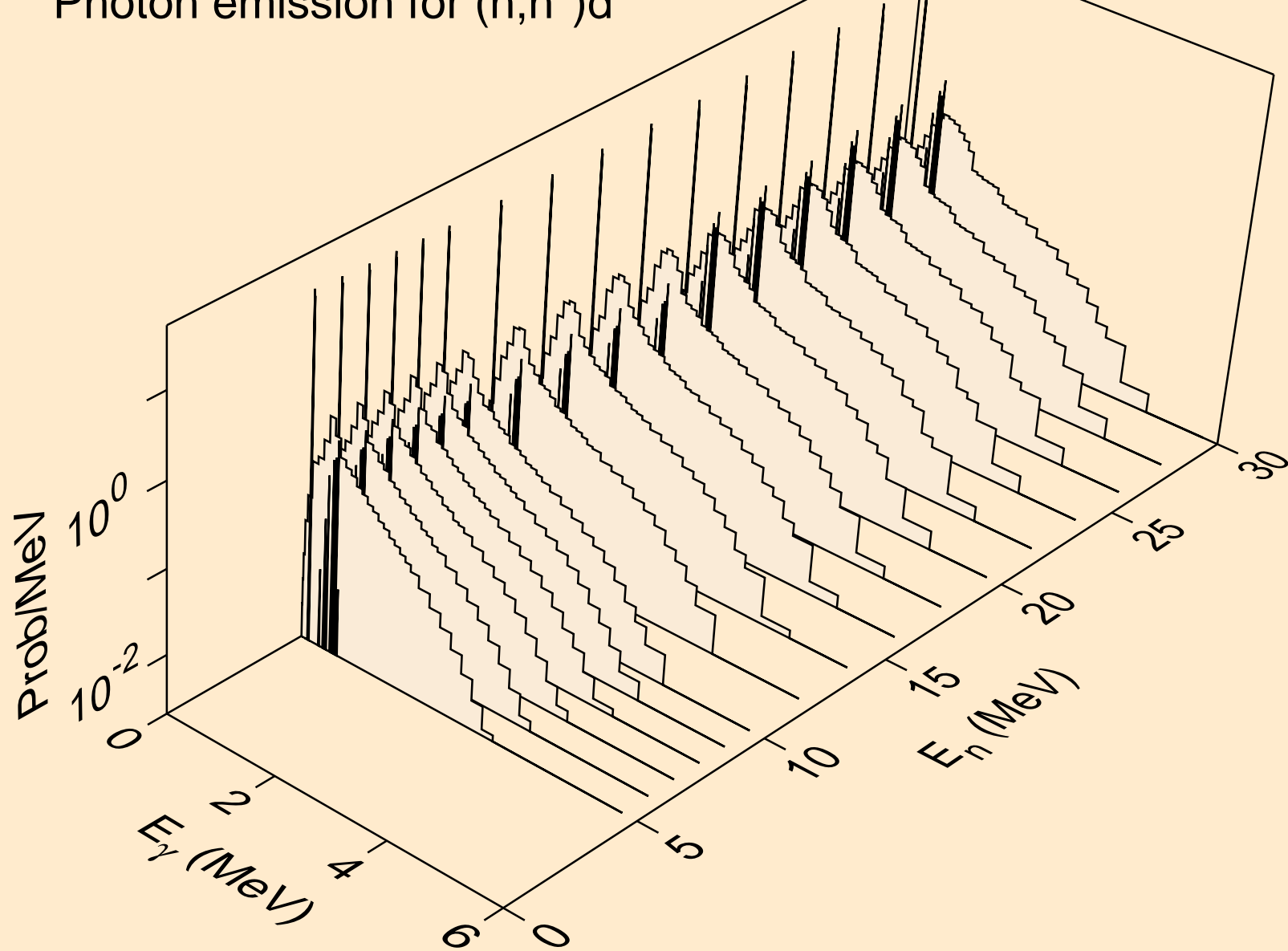
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Photon emission for (n,n\*)2a



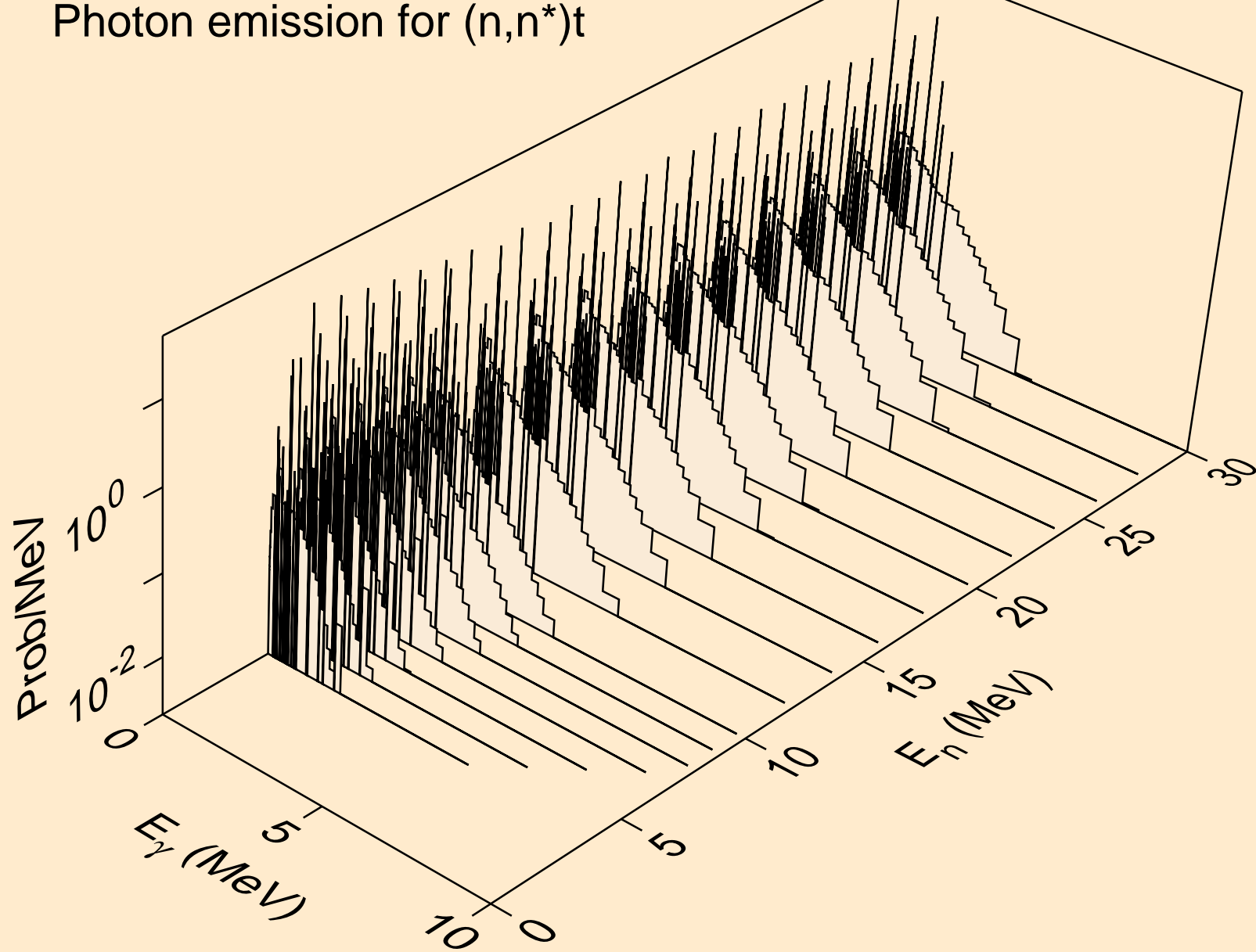
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Photon emission for (n,2n)2a



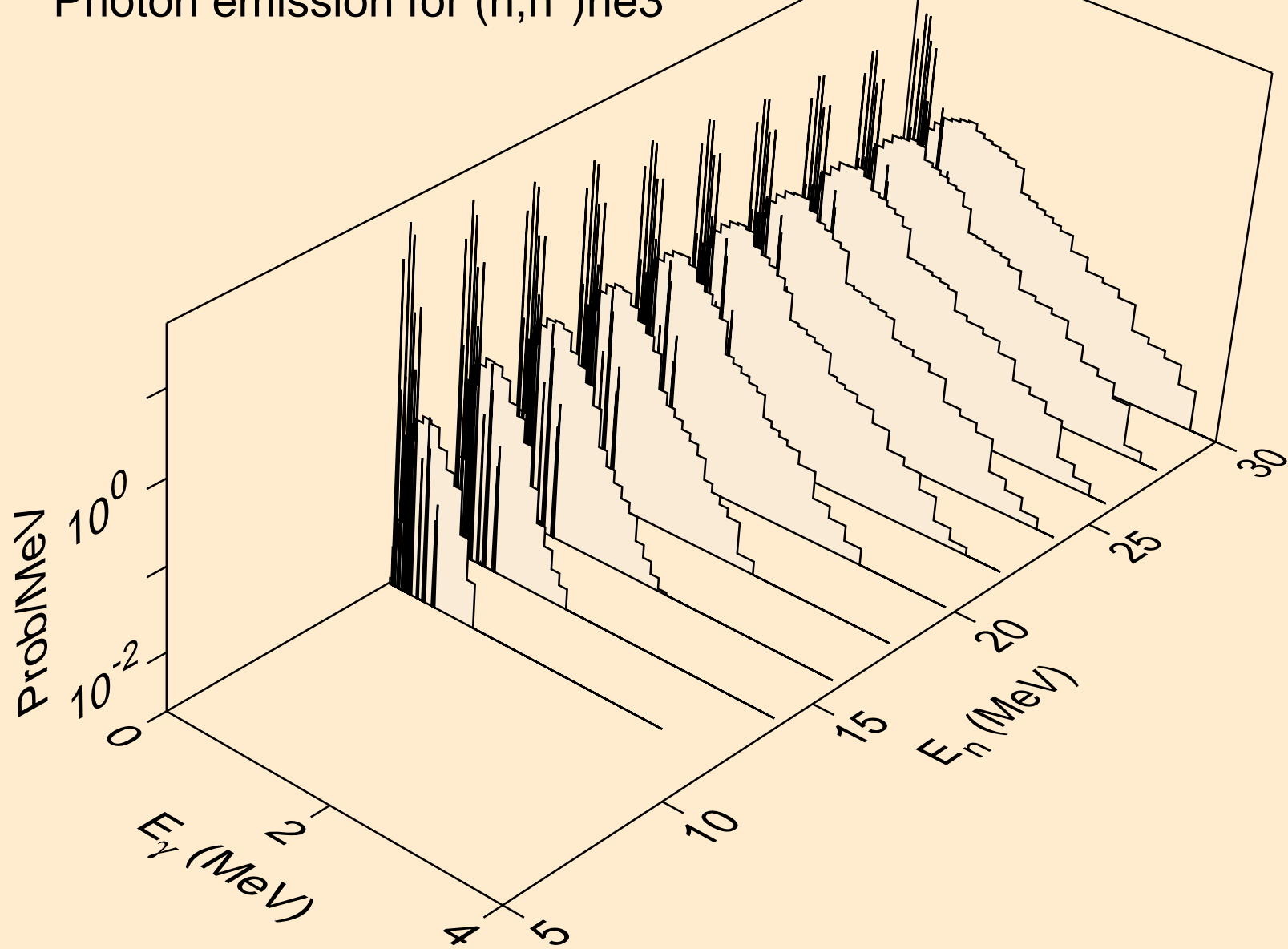
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Photon emission for (n,n\*)d



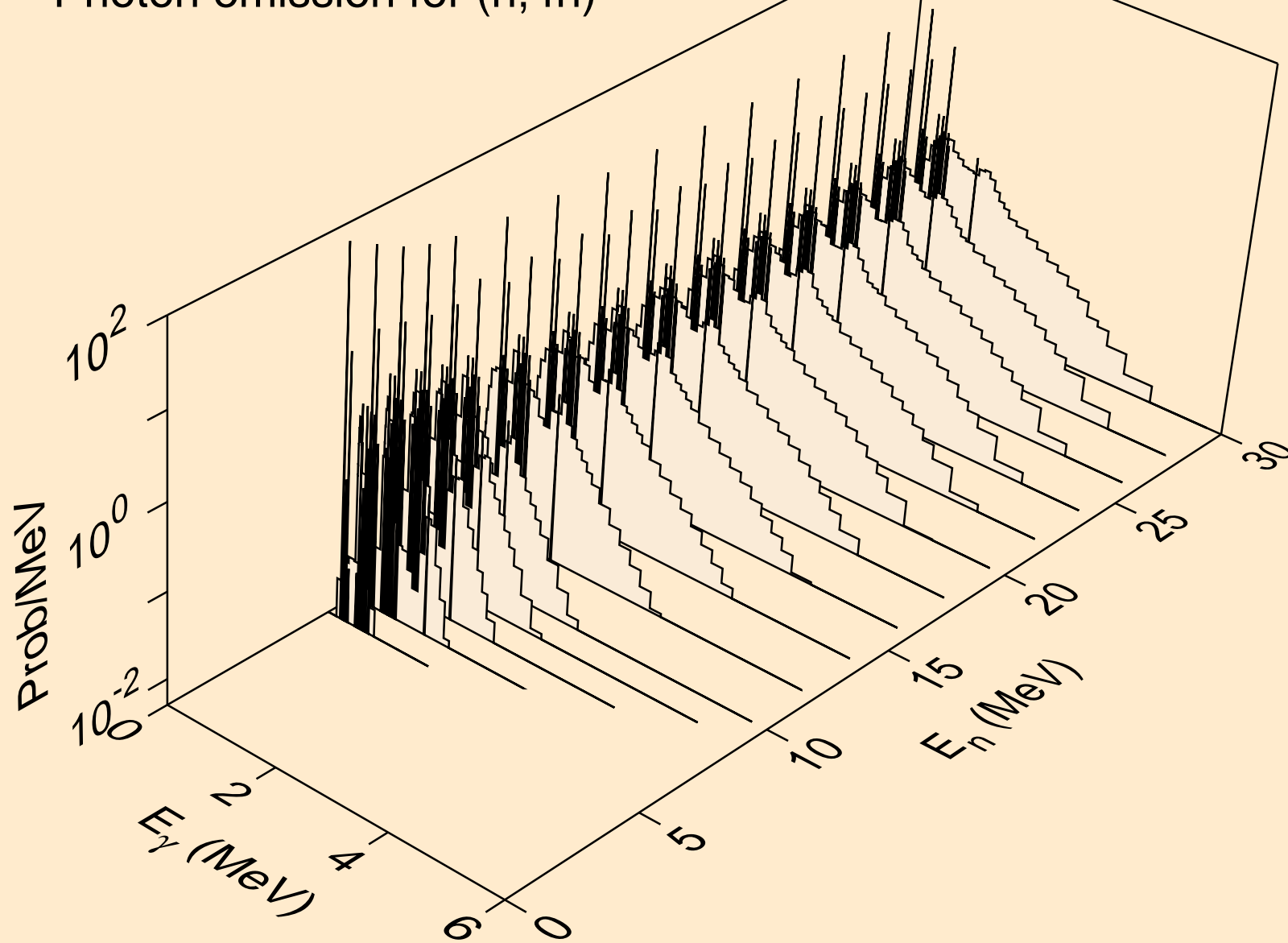
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

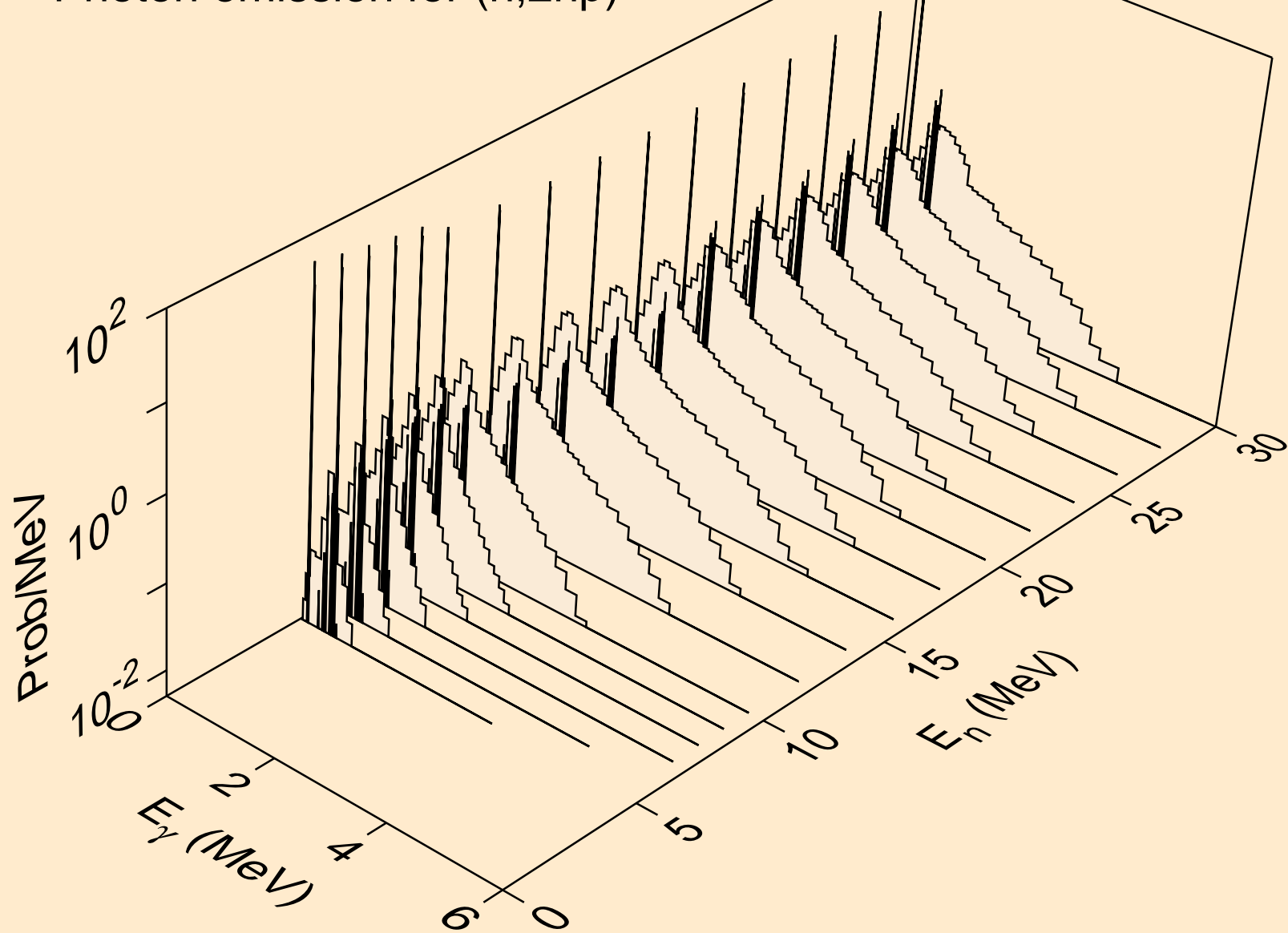


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Photon emission for (n,4n)

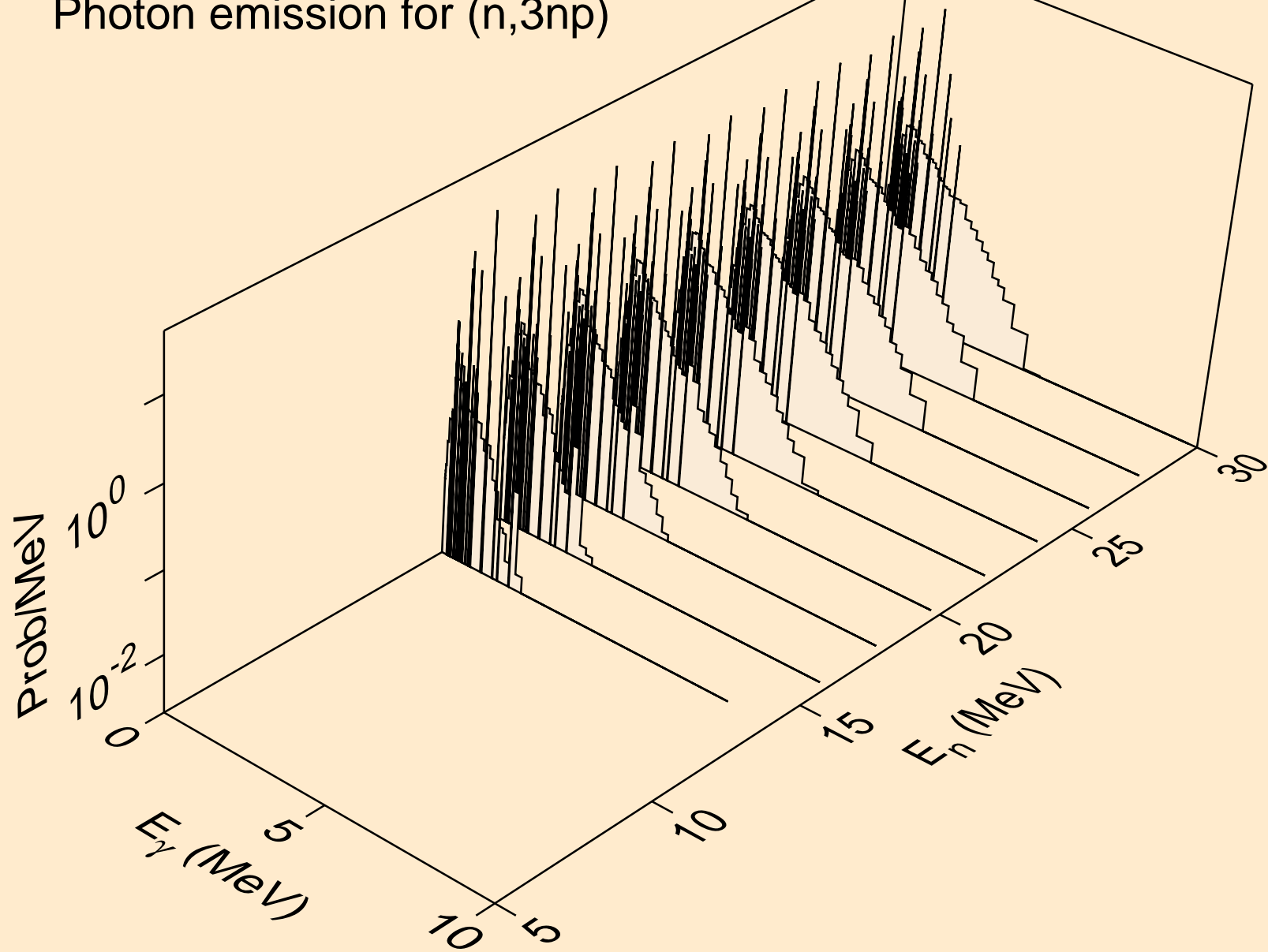




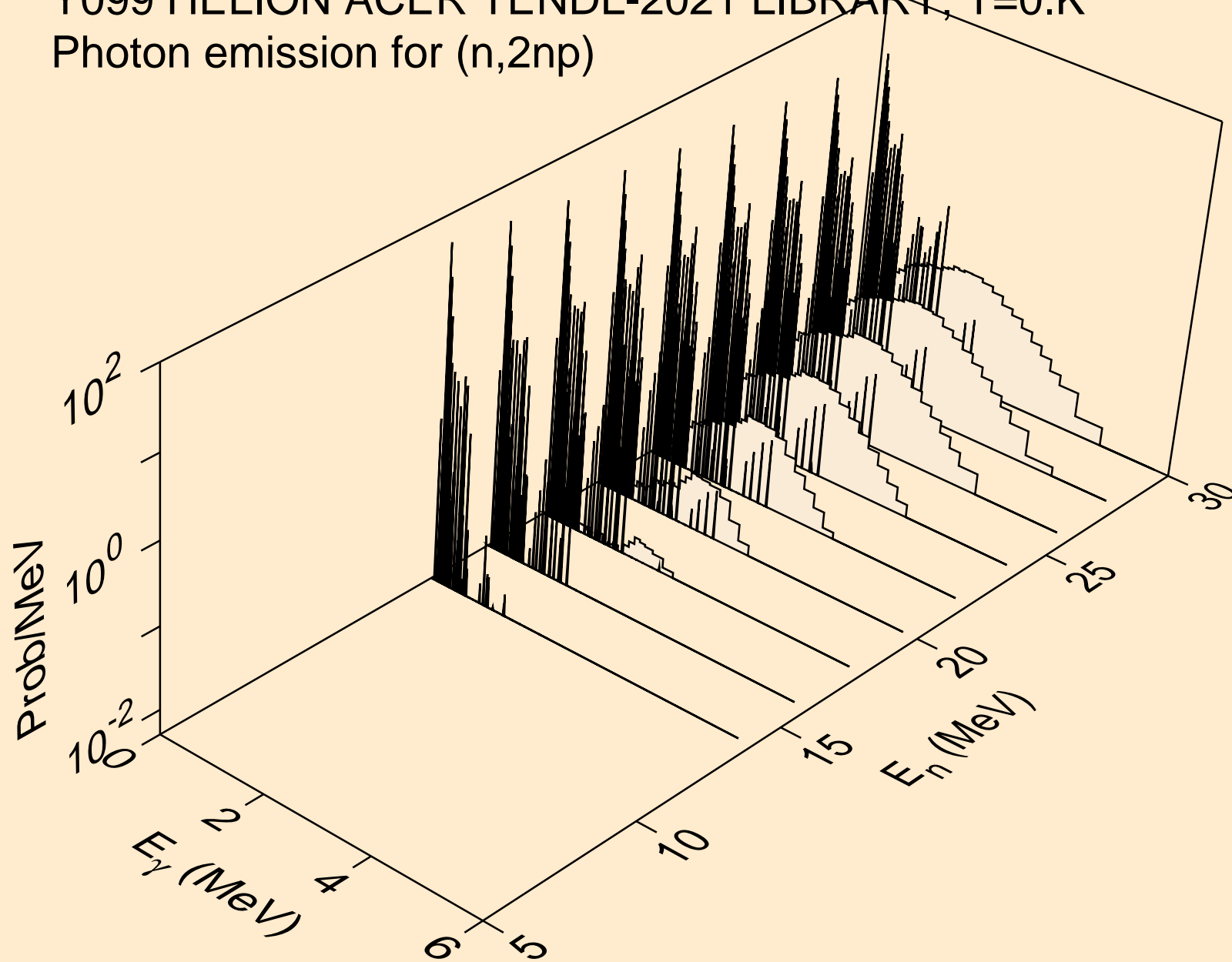
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Photon emission for (n,2np)



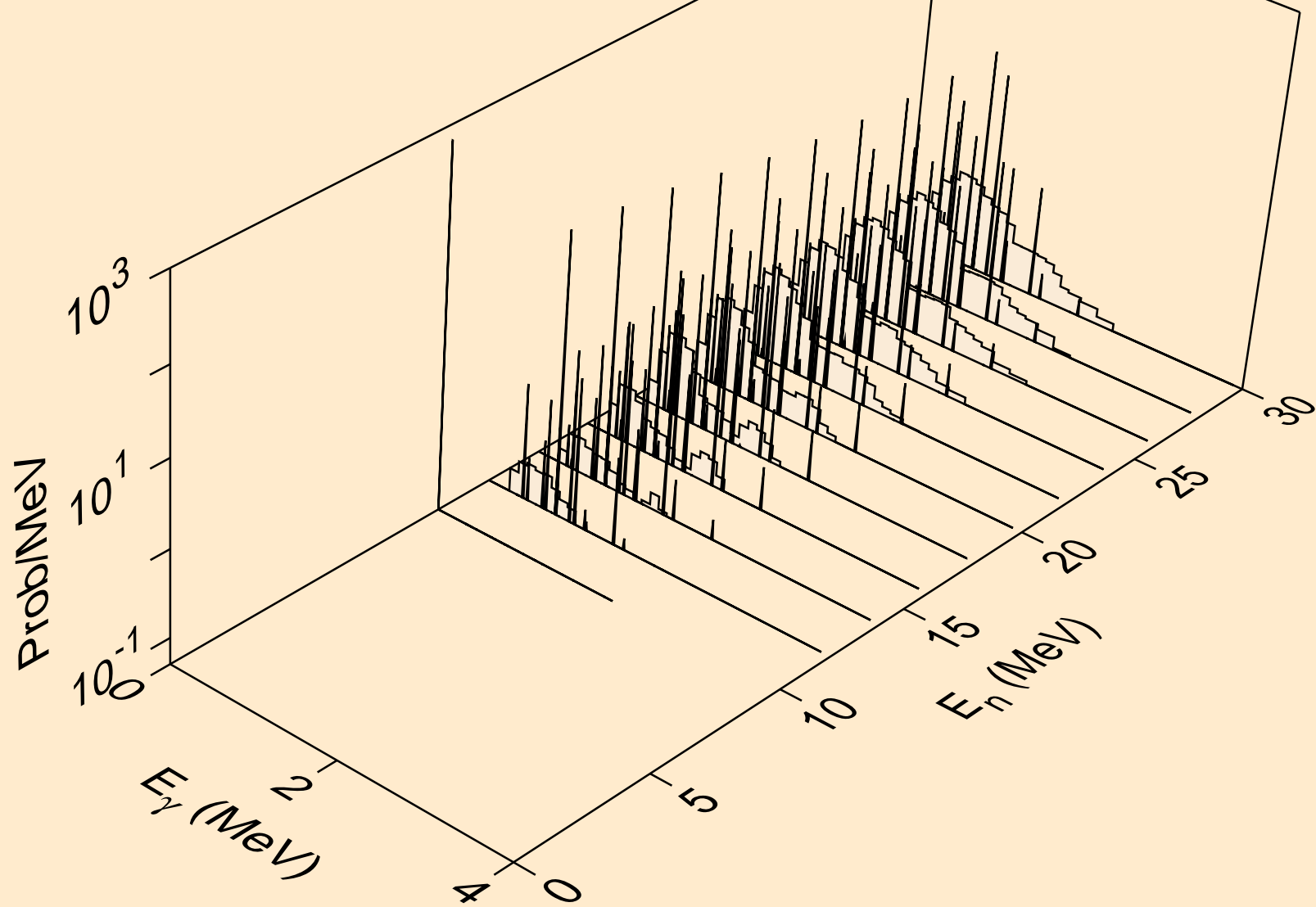
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Photon emission for (n,3np)



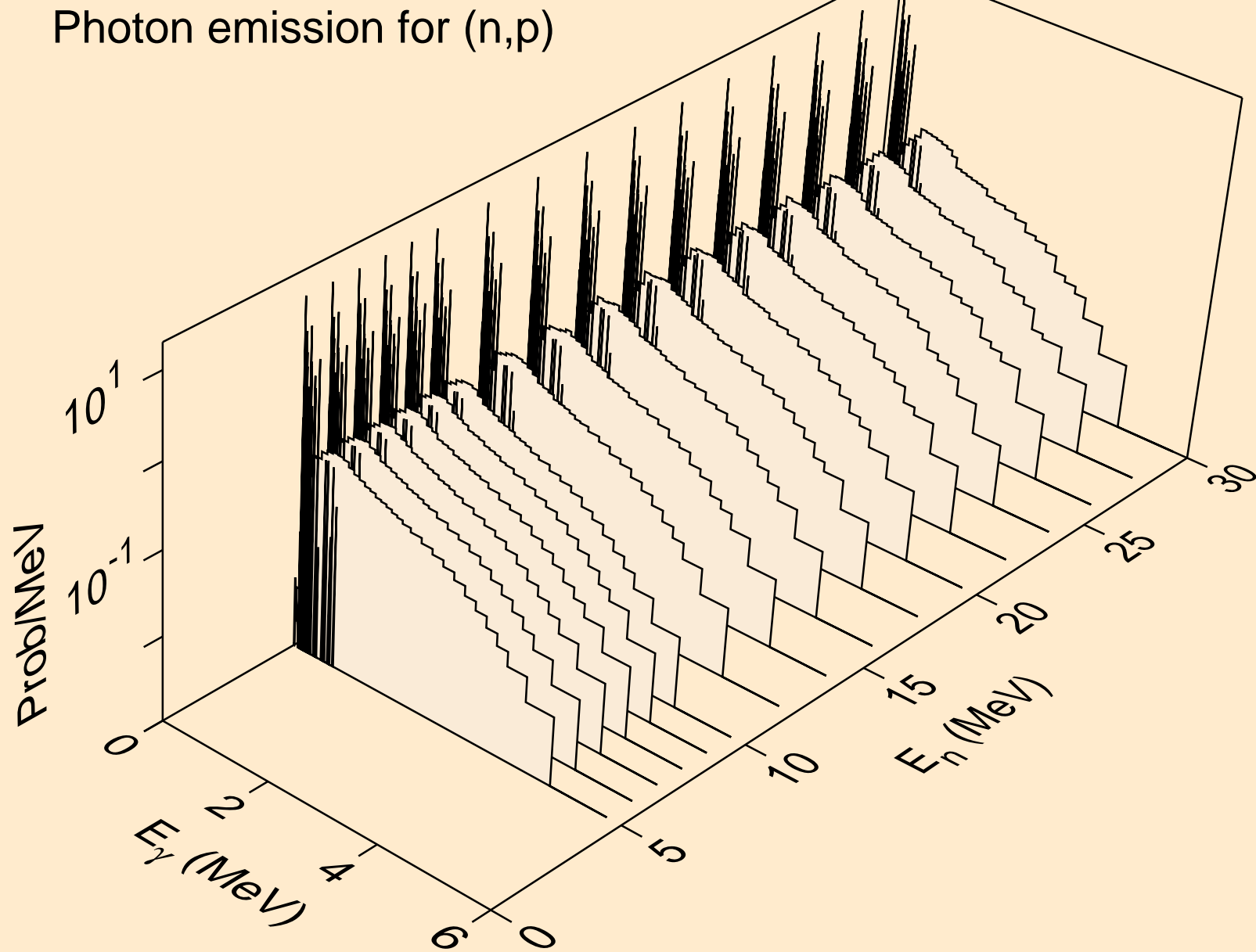
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Photon emission for (n,2np)



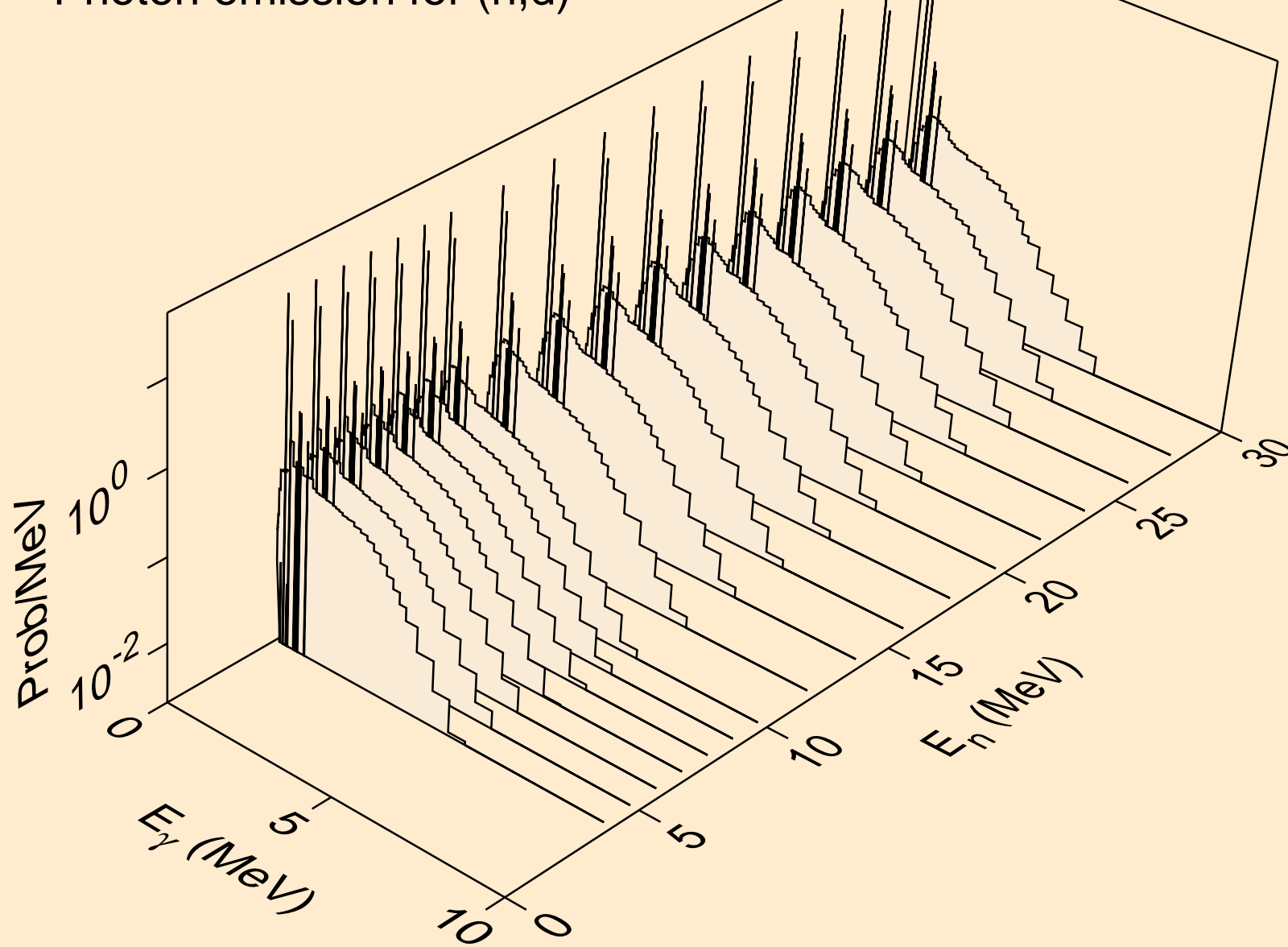
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Photon emission for (n,npa)



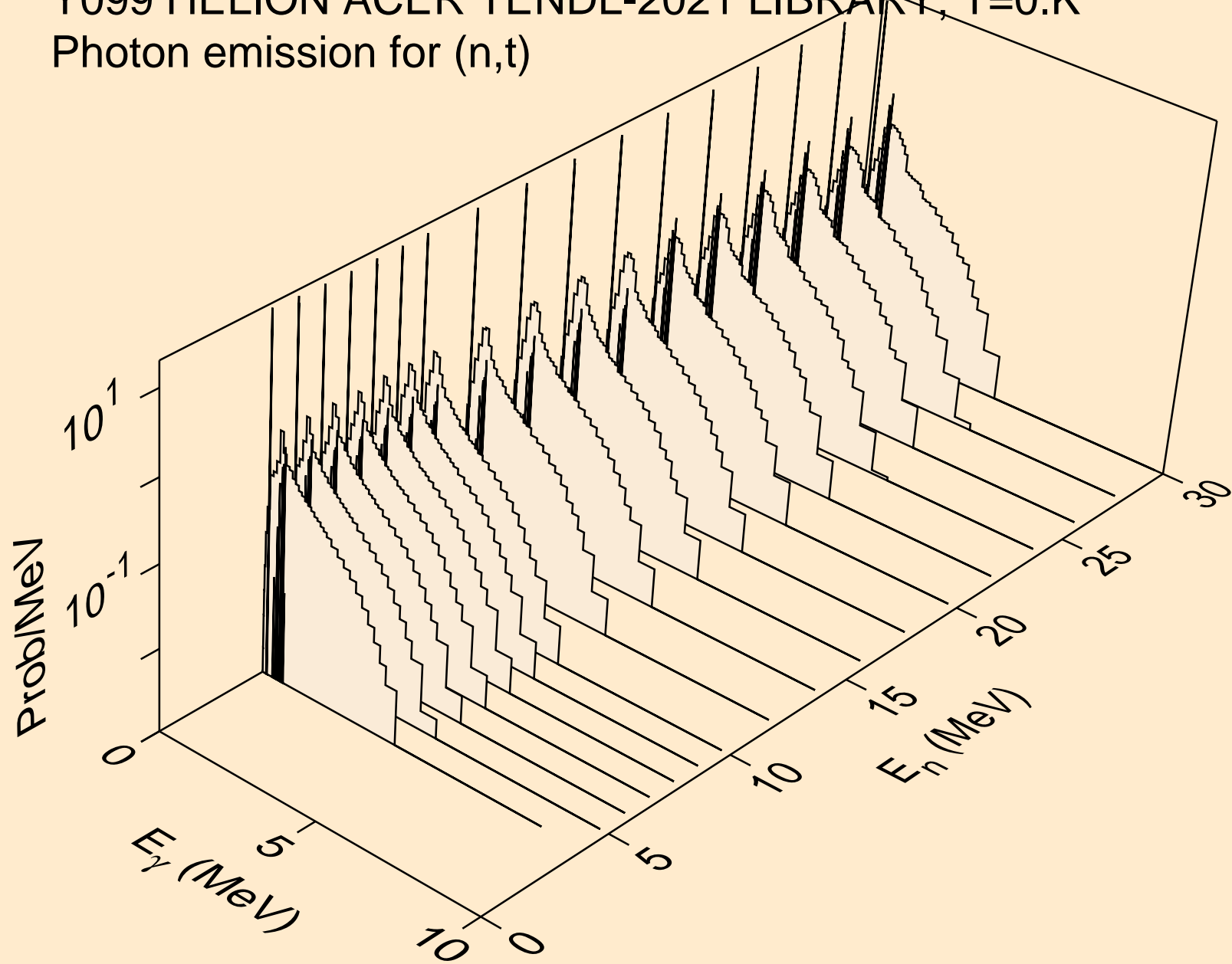
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Photon emission for (n,p)



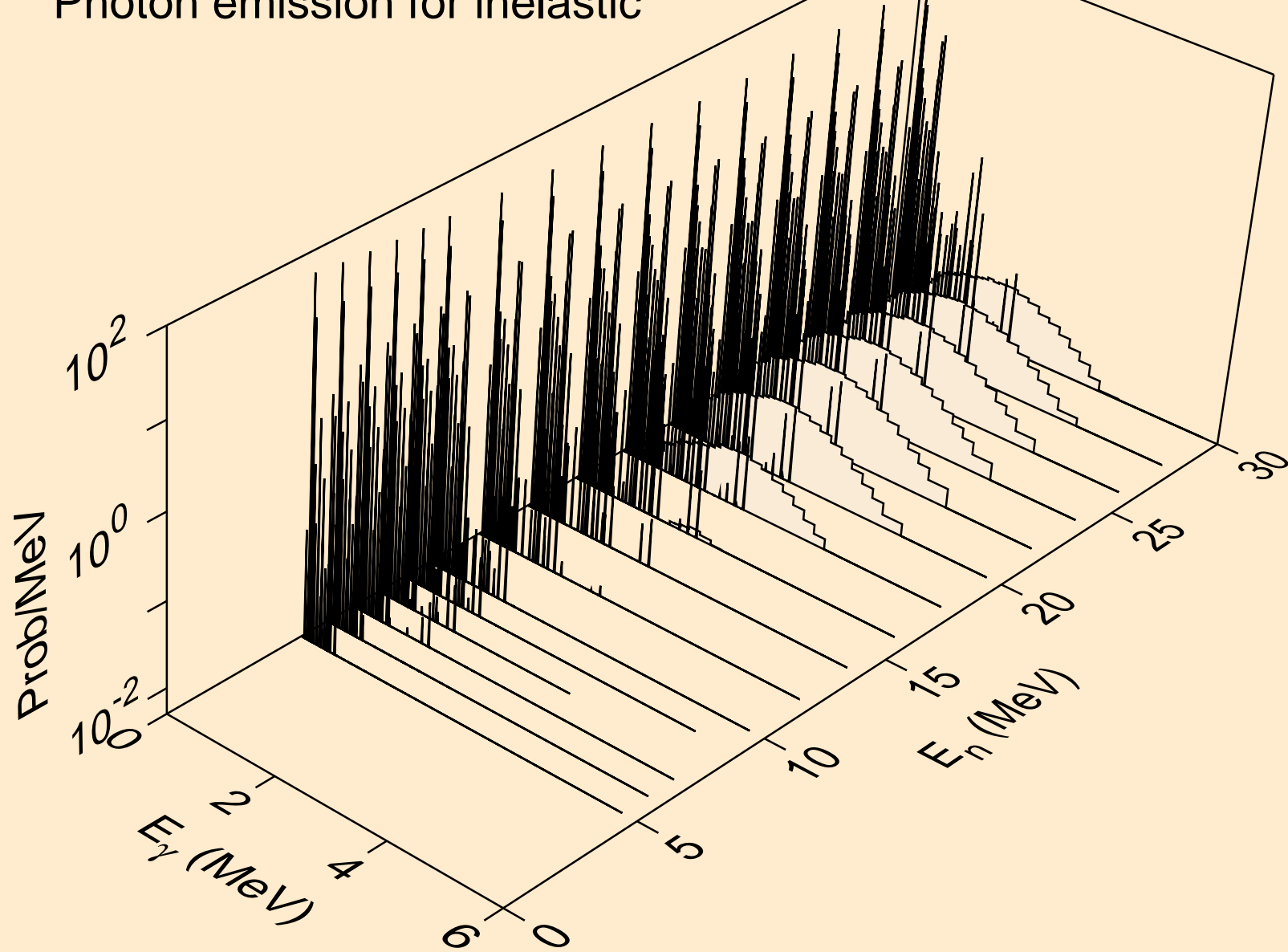
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

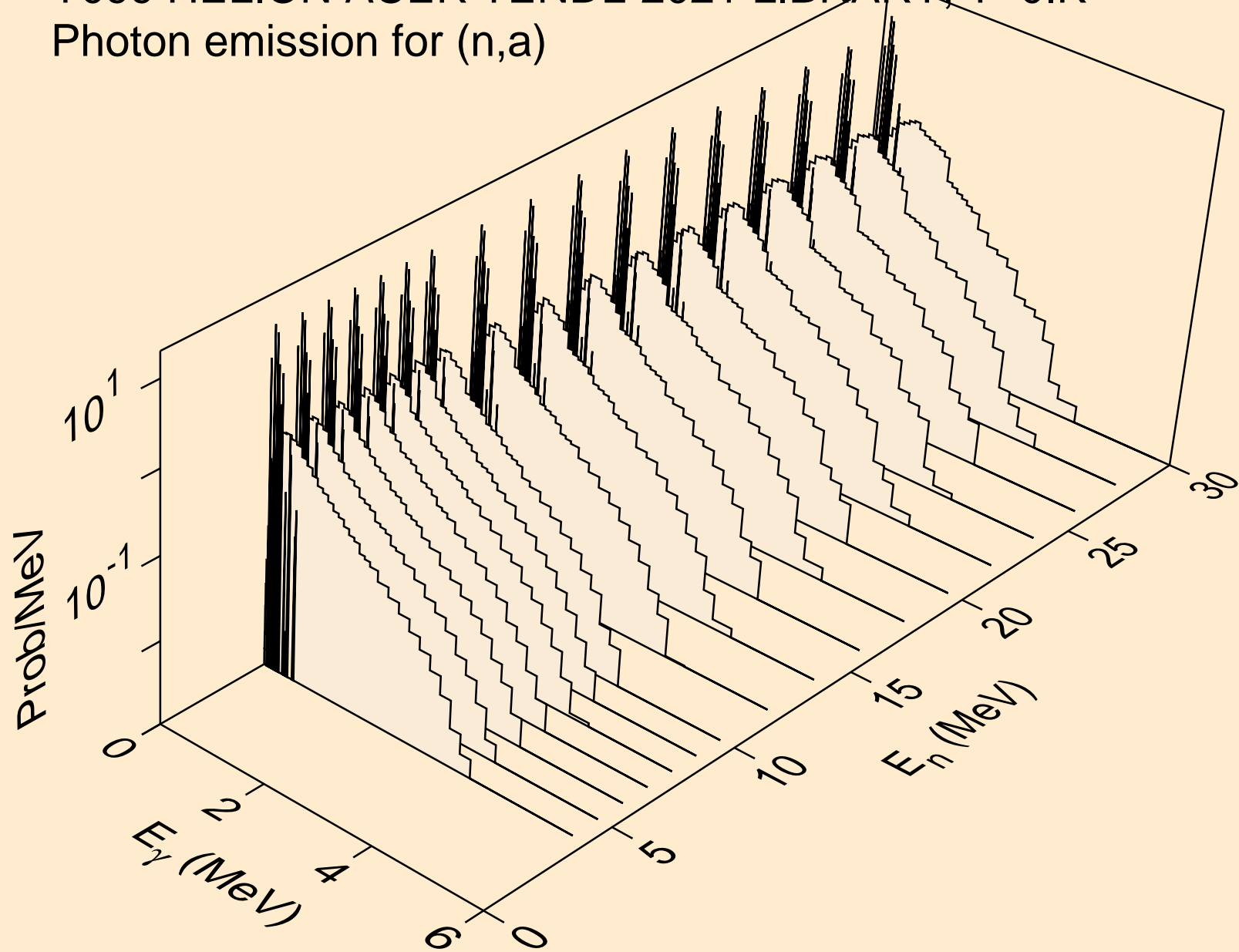


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Photon emission for inelastic

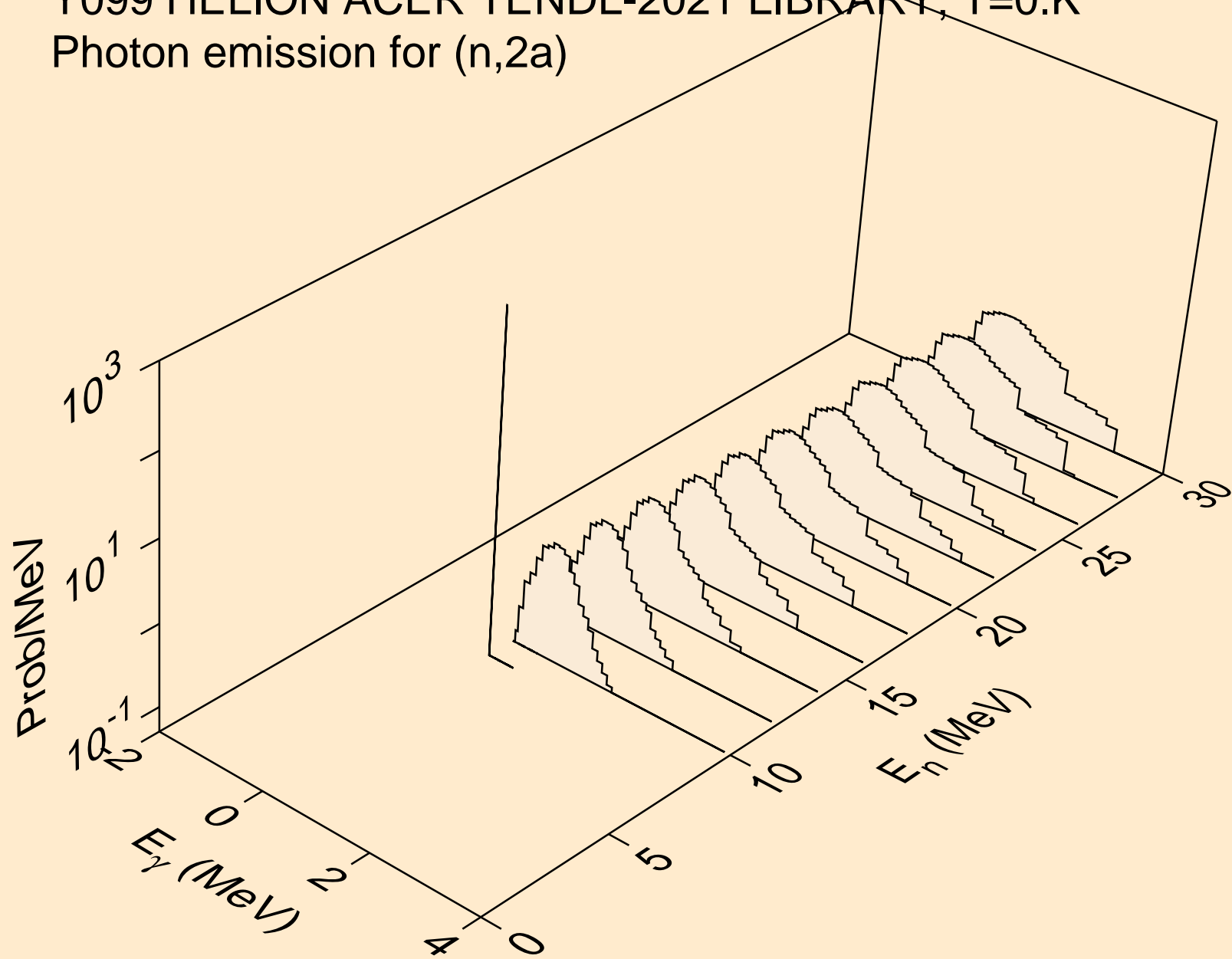




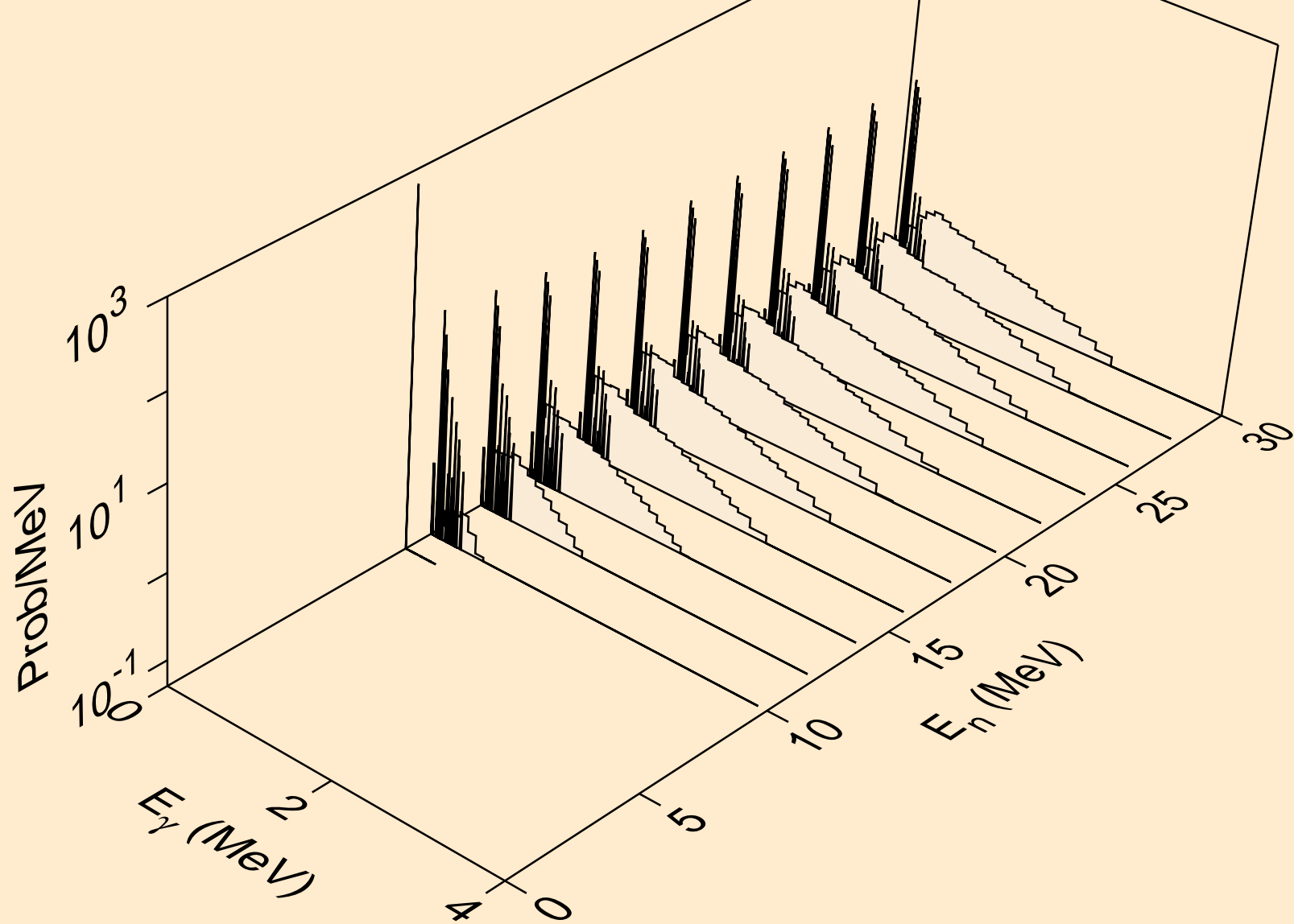
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Photon emission for (n,a)



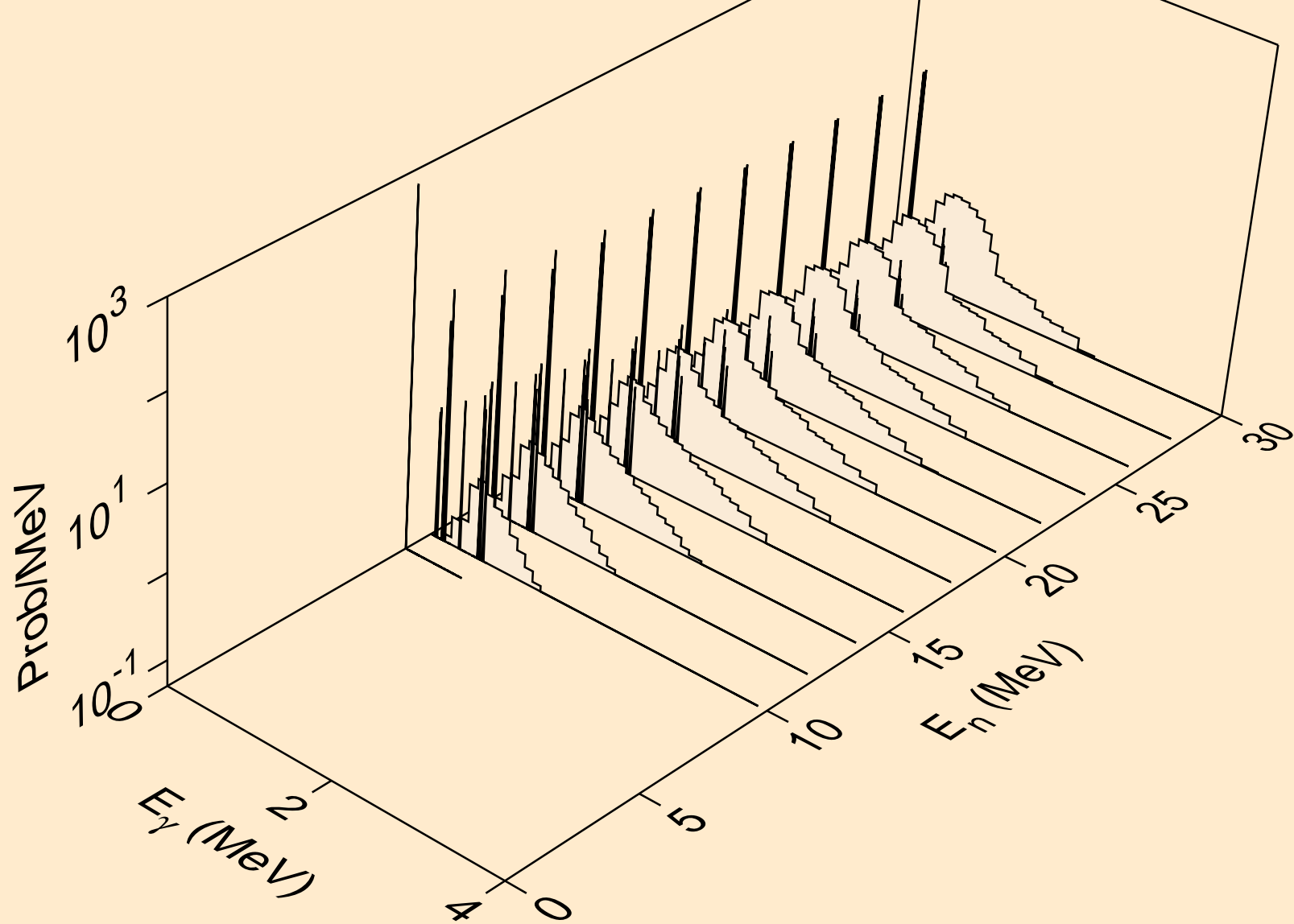
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Photon emission for (n,2a)



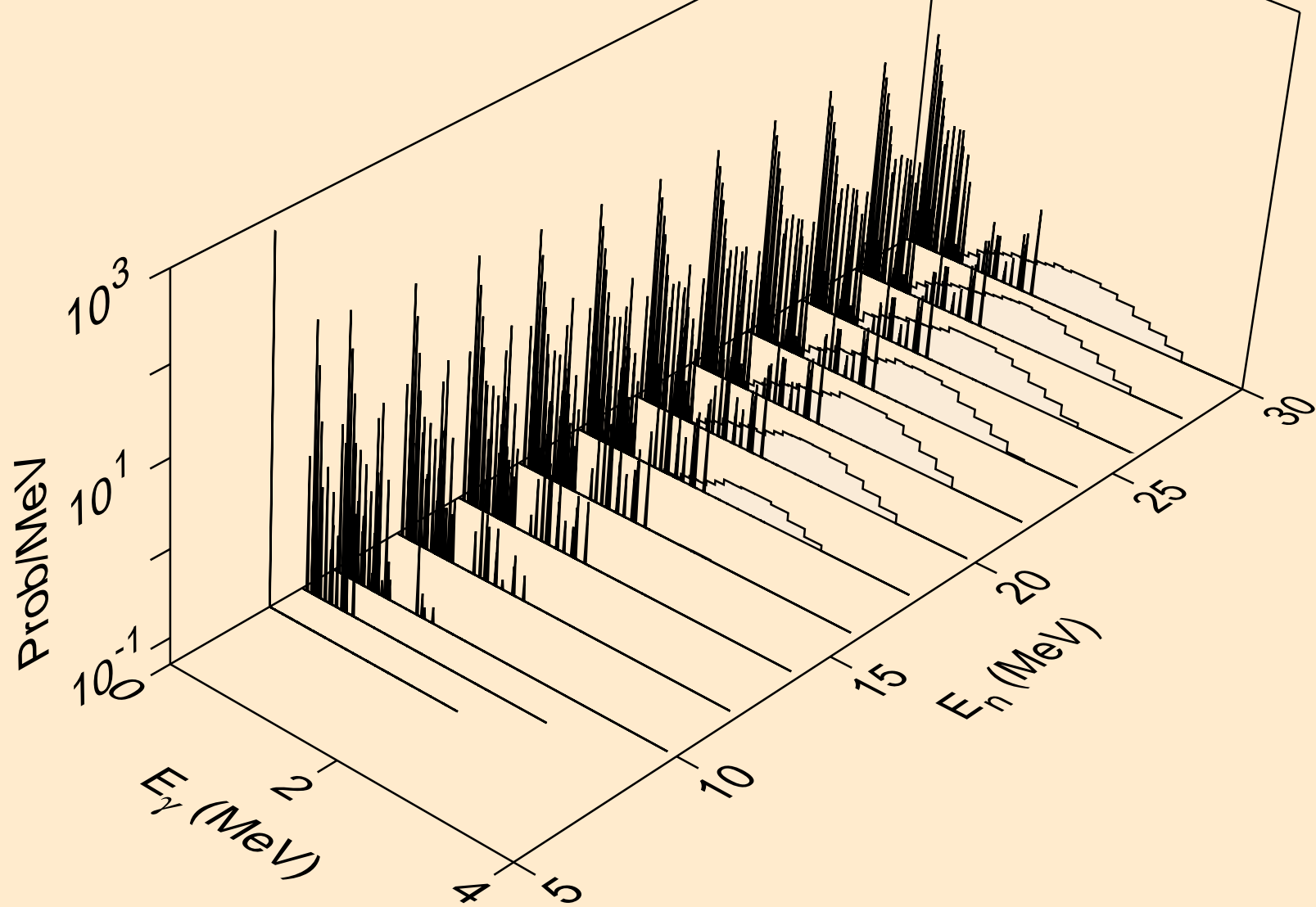
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Photon emission for (n,2p)



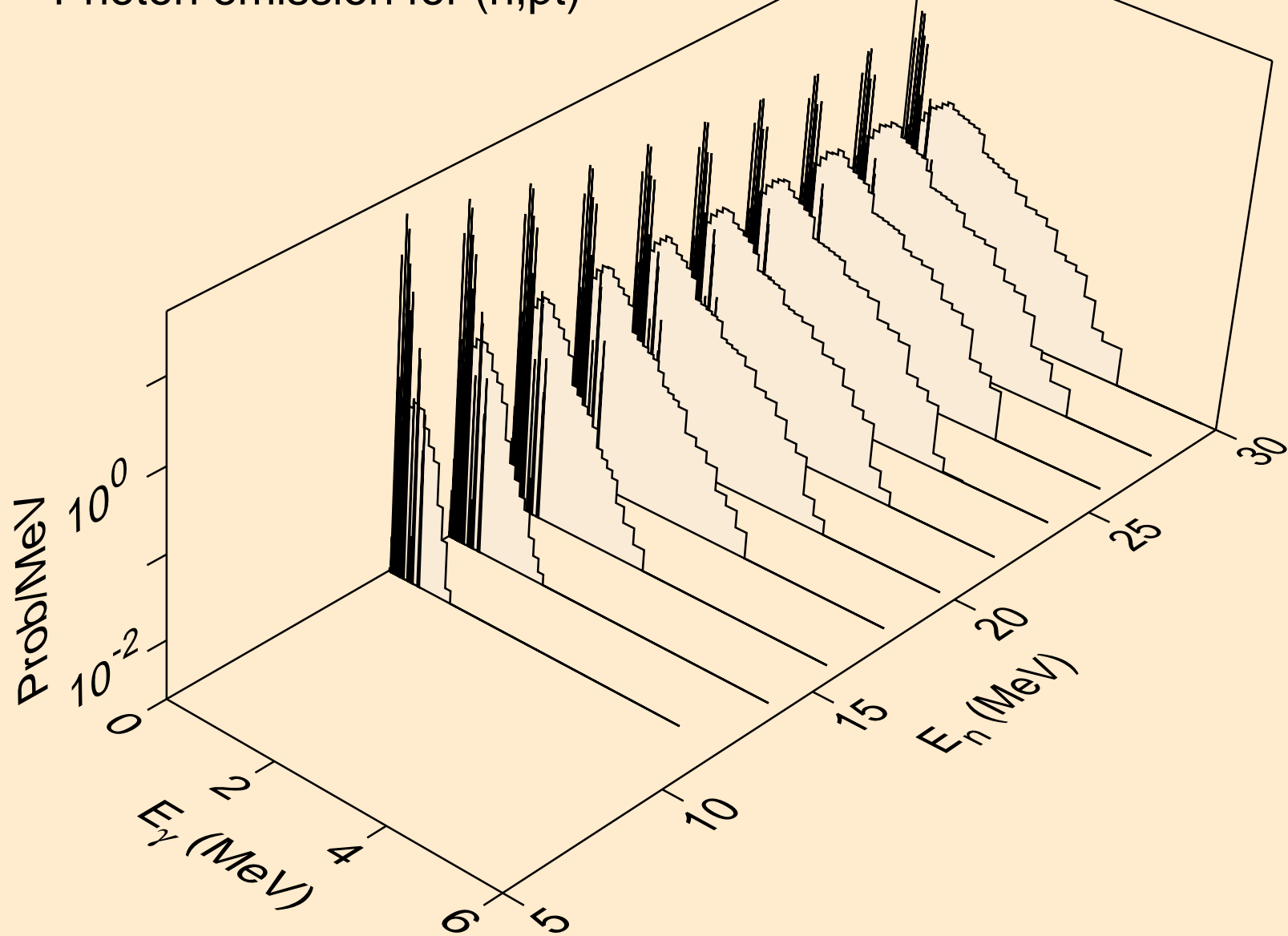
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Photon emission for (n,p)



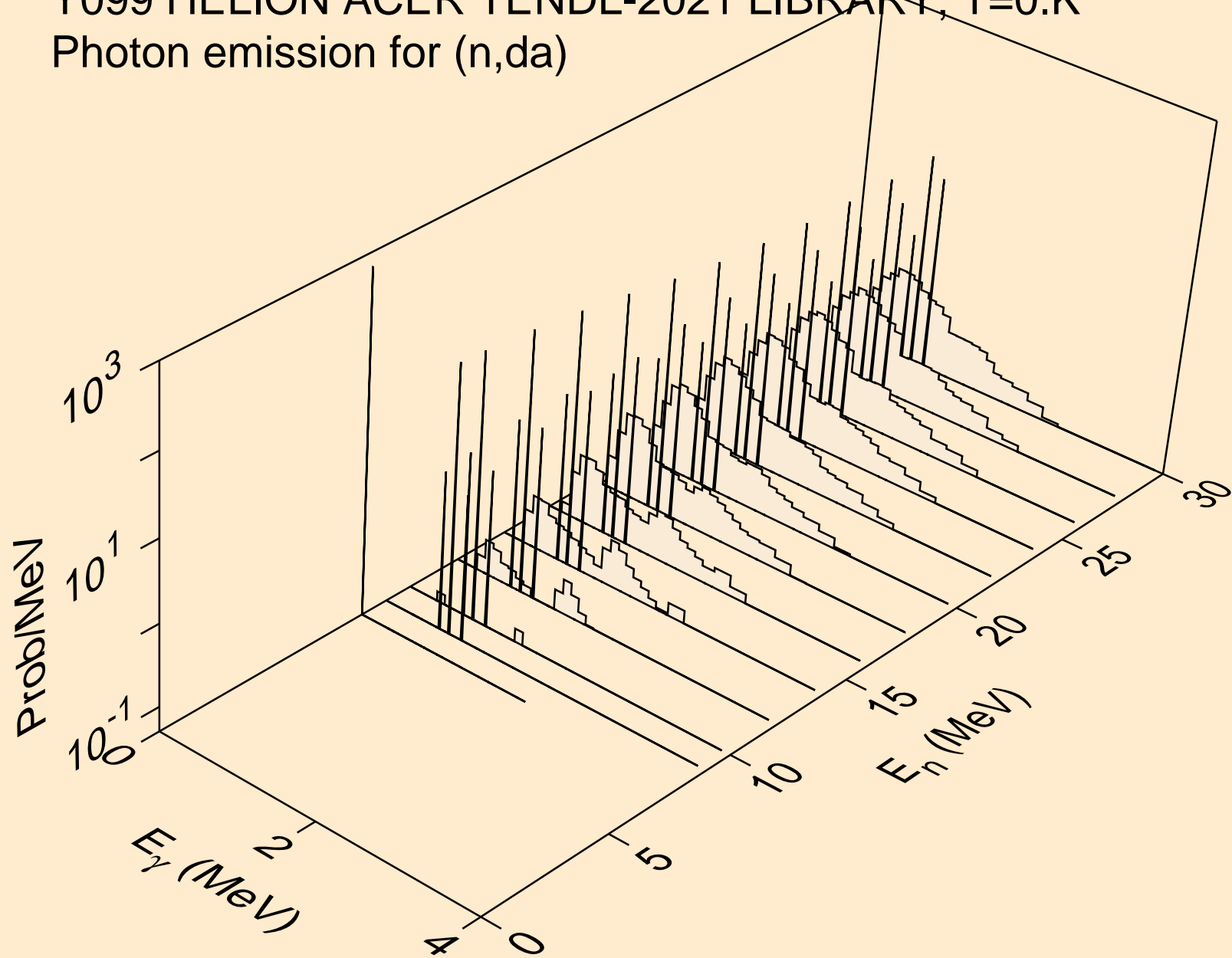
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Photon emission for (n,pd)



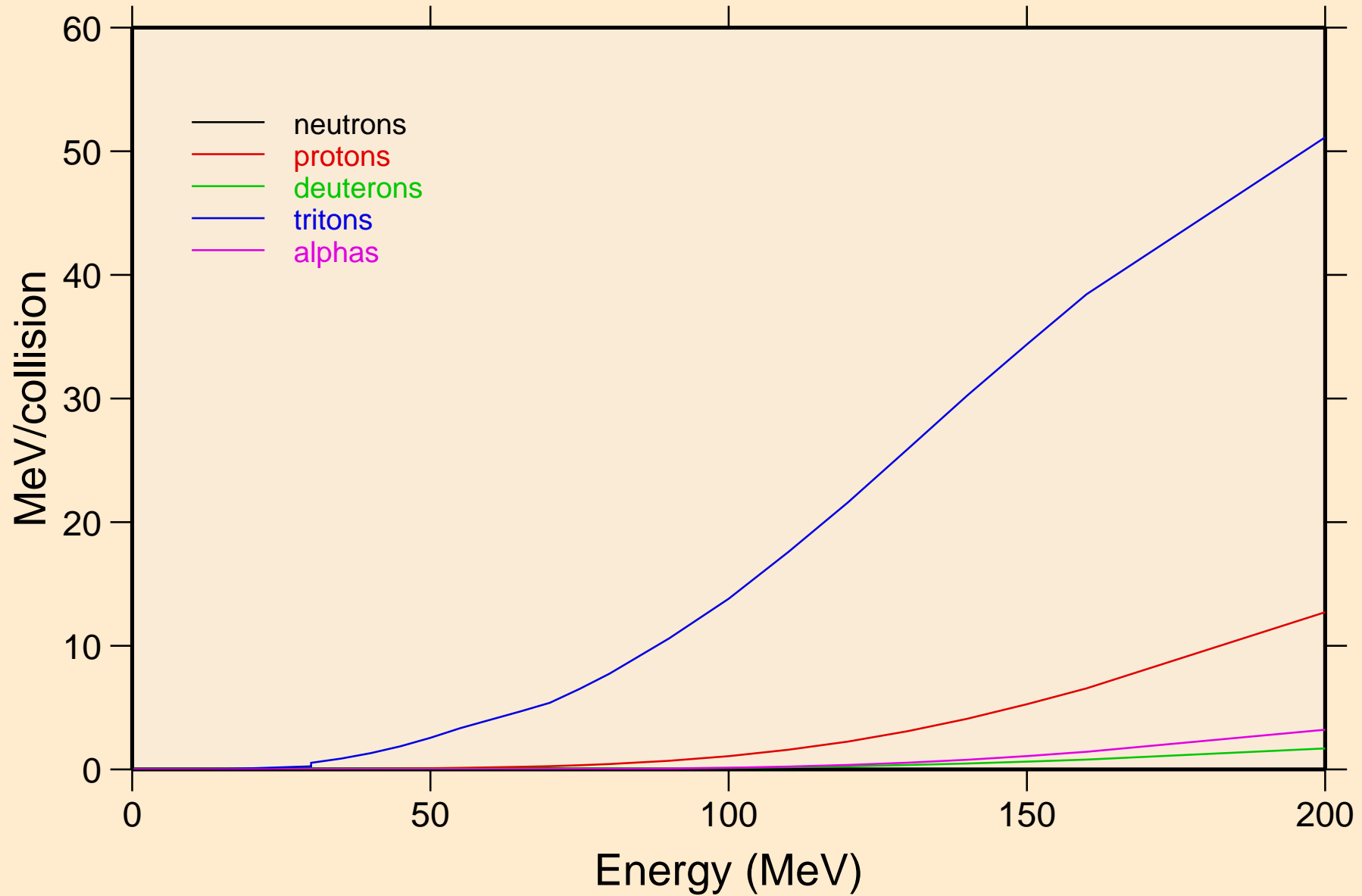
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



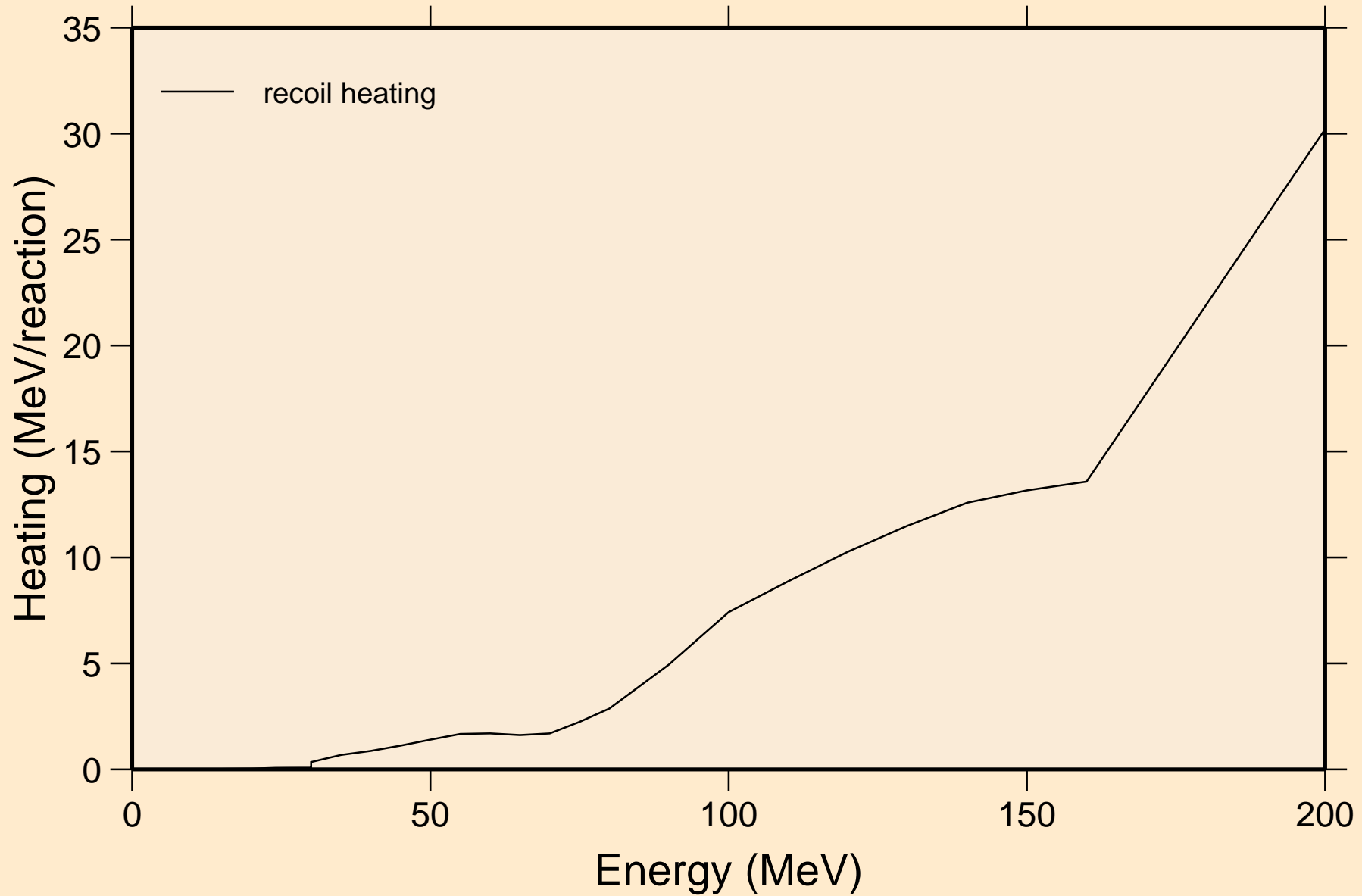
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Particle heating contributions





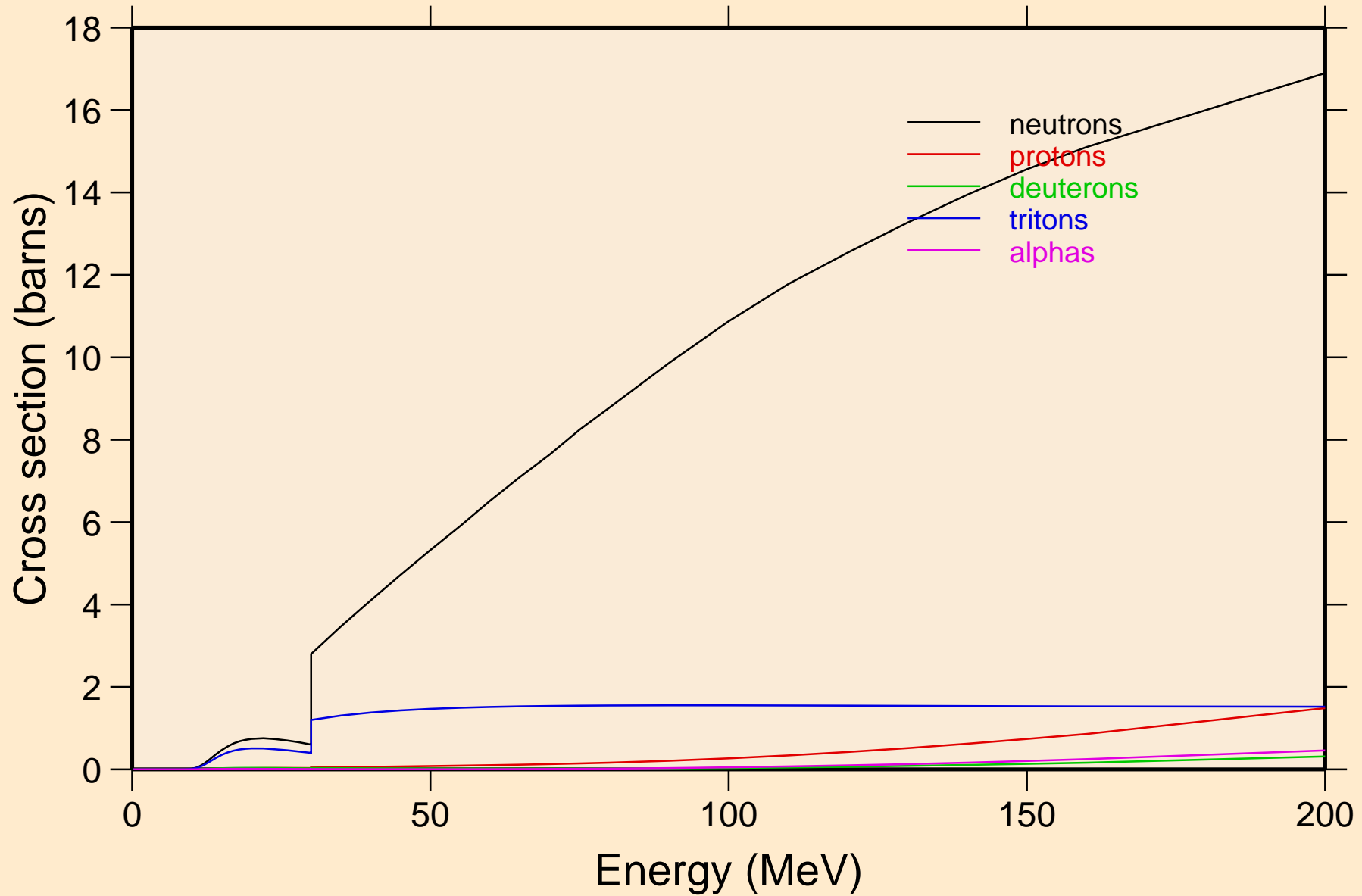
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K

### Recoil Heating

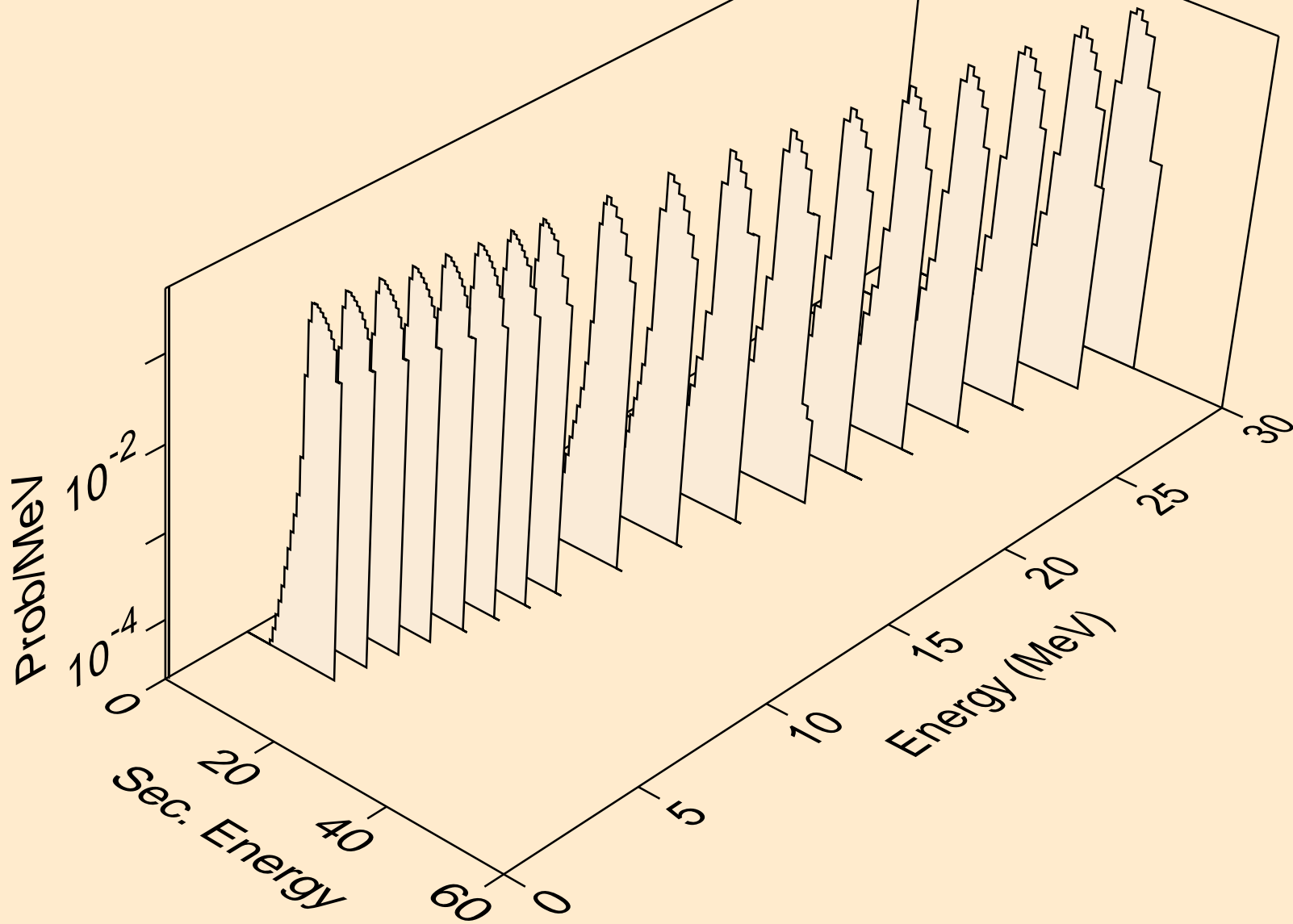


# Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K

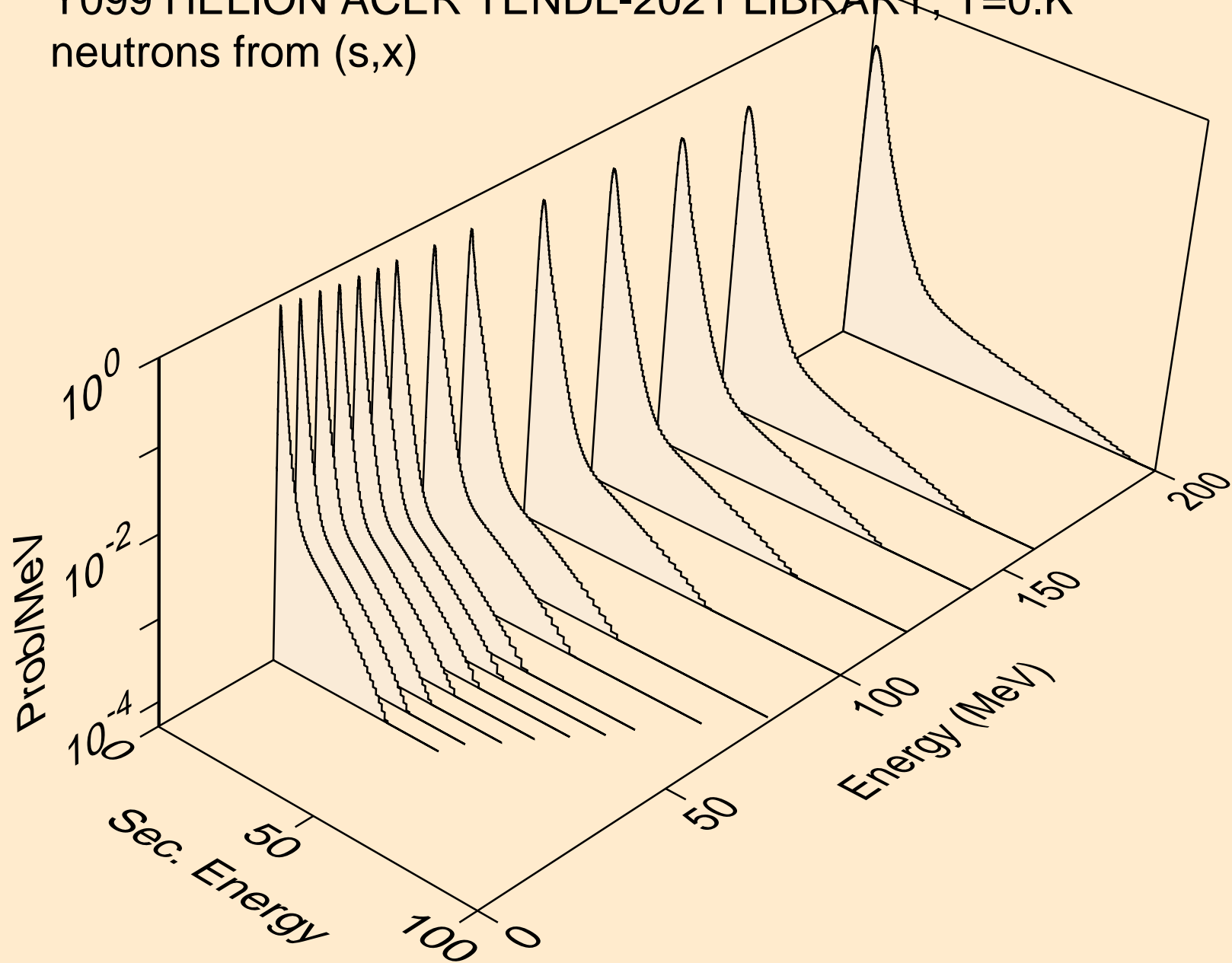
## Particle production cross sections



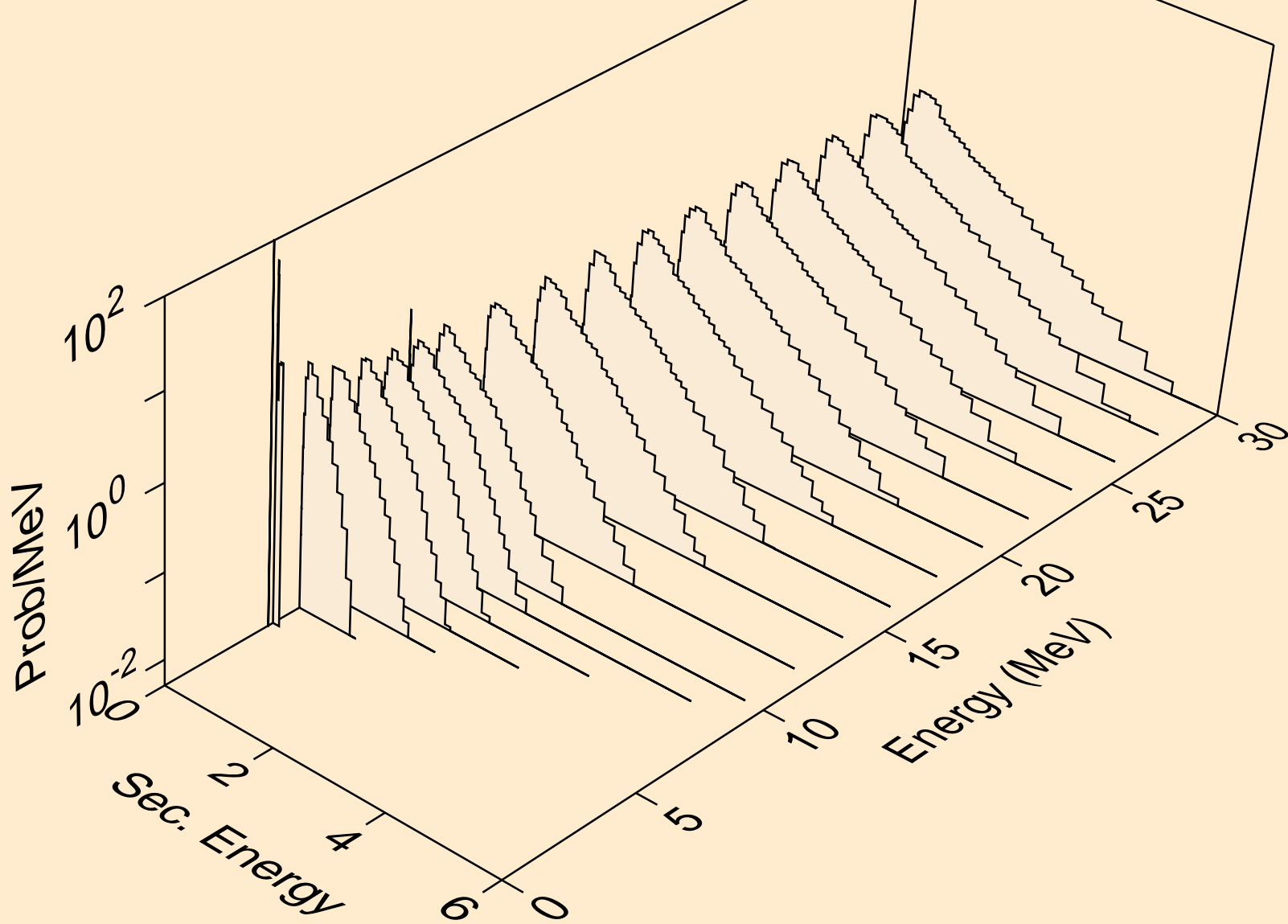
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



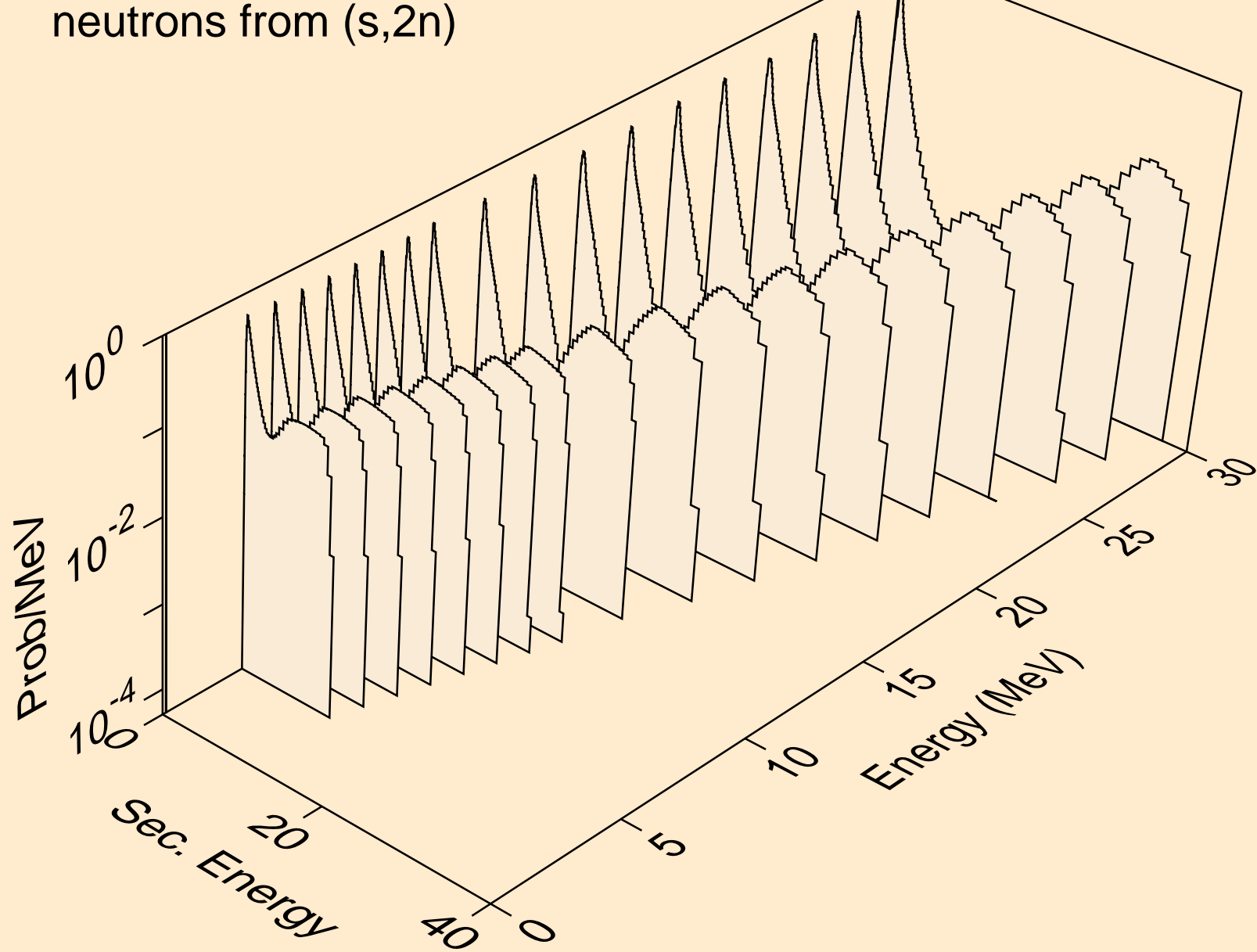
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neutrons from (s,x)



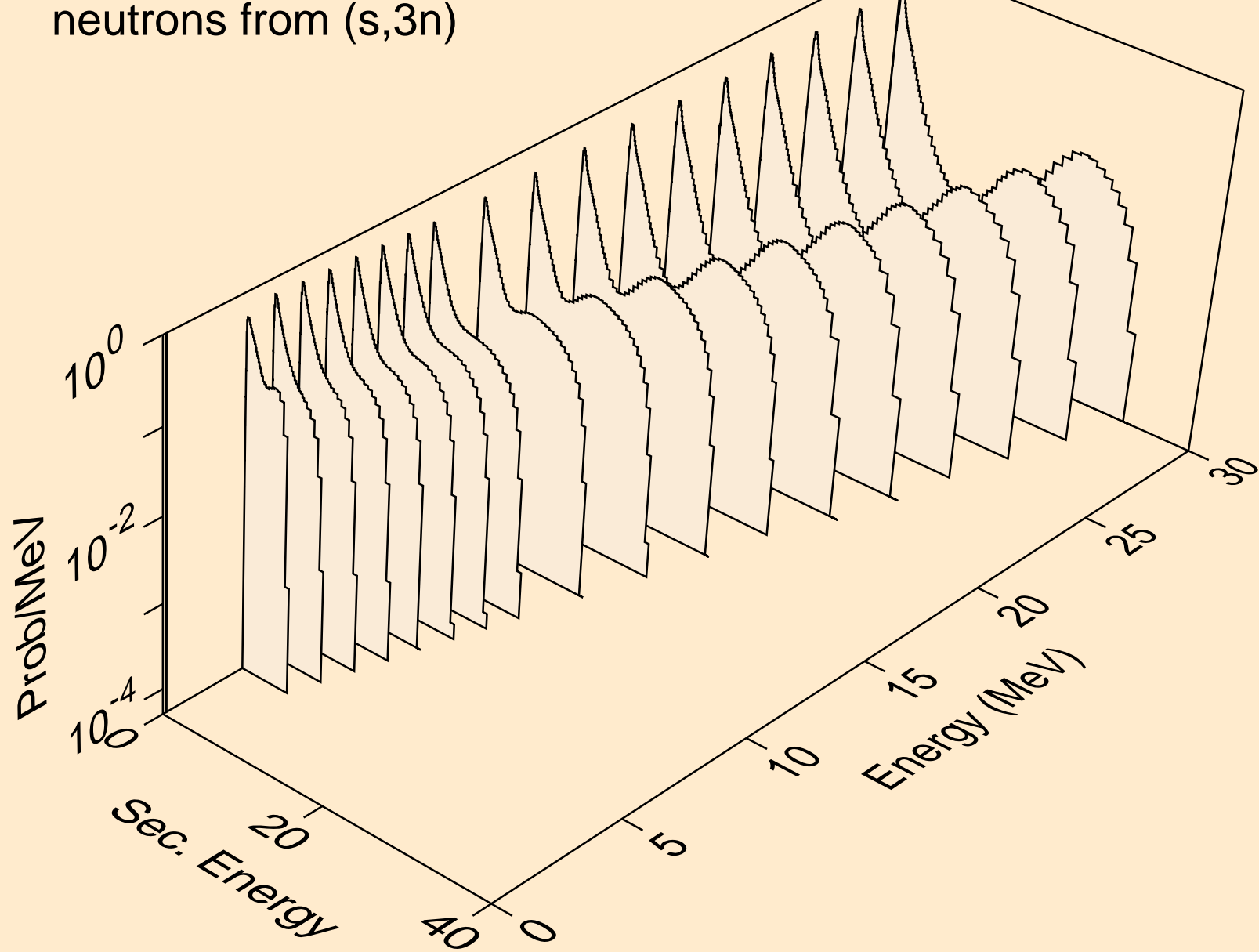
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neutrons from (s,2nd)



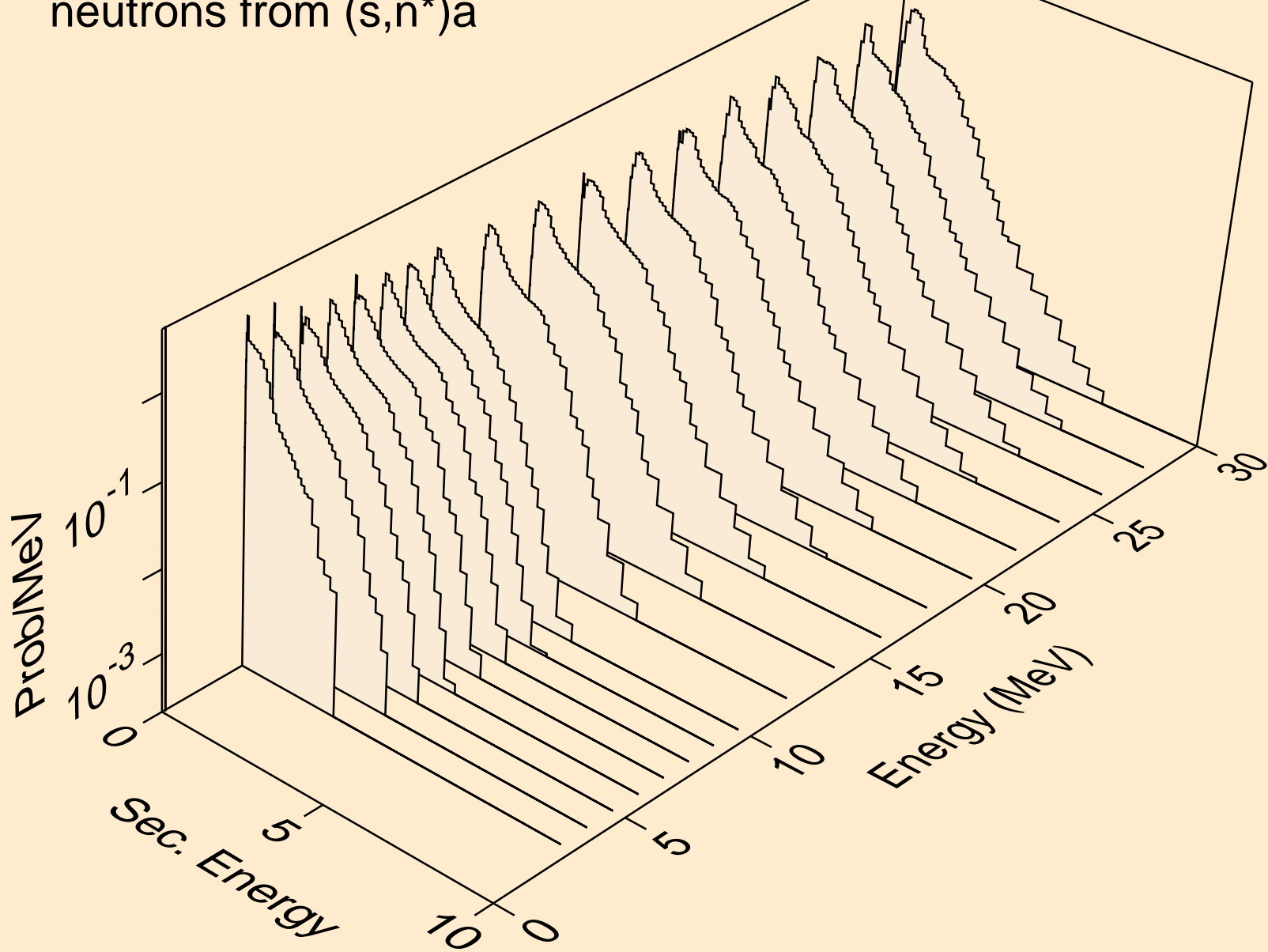
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neutrons from (s,2n)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

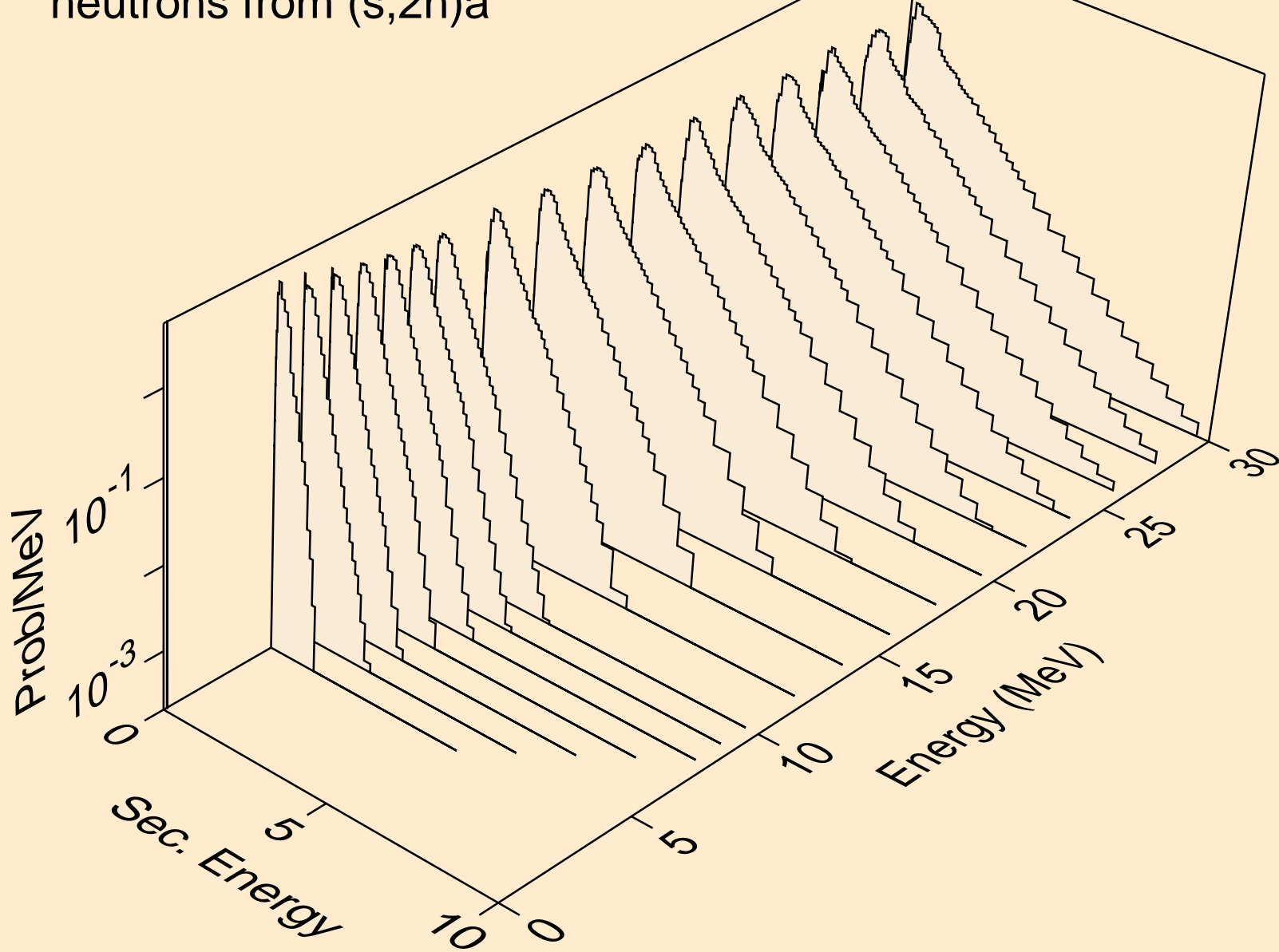


Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

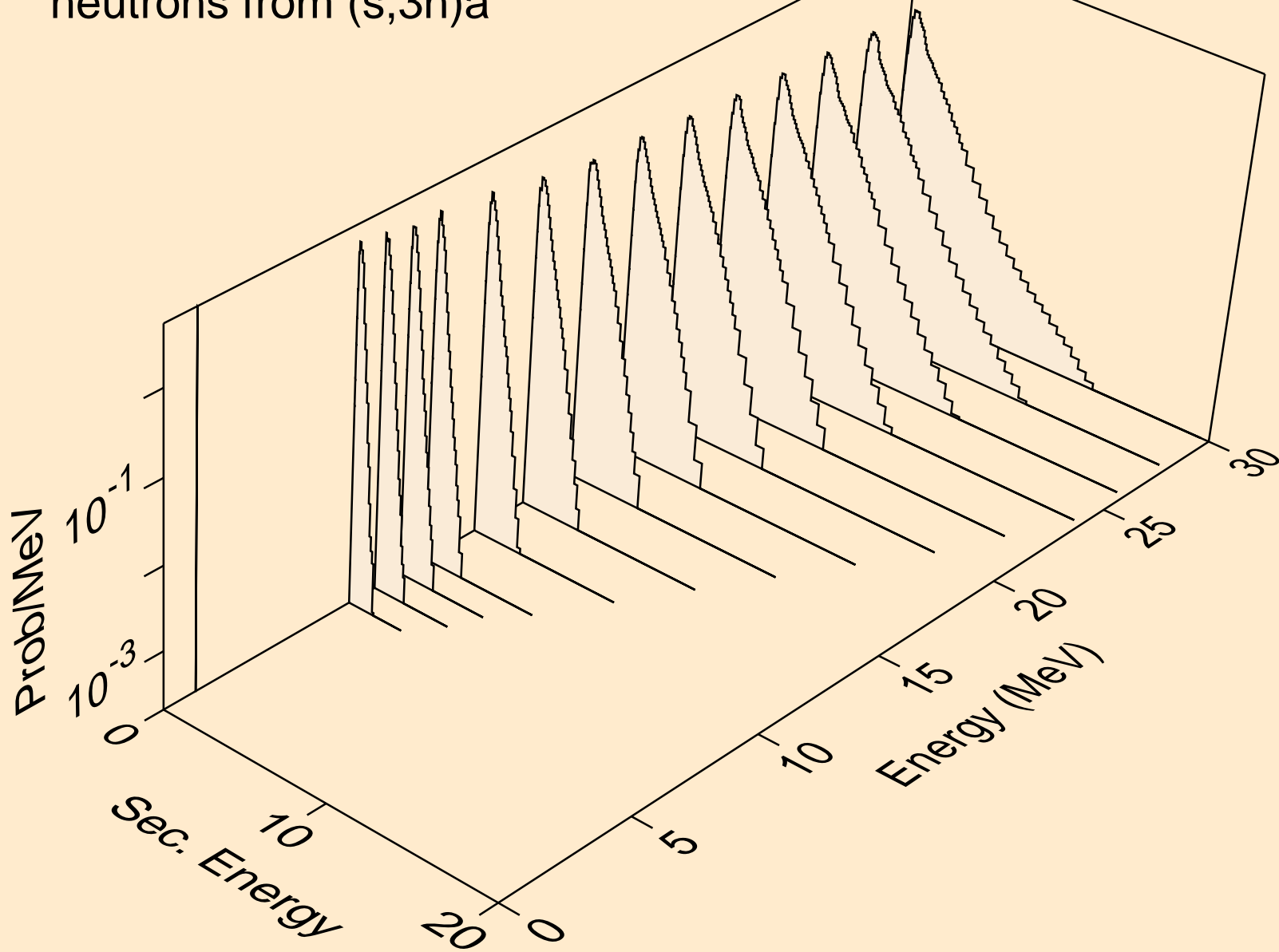




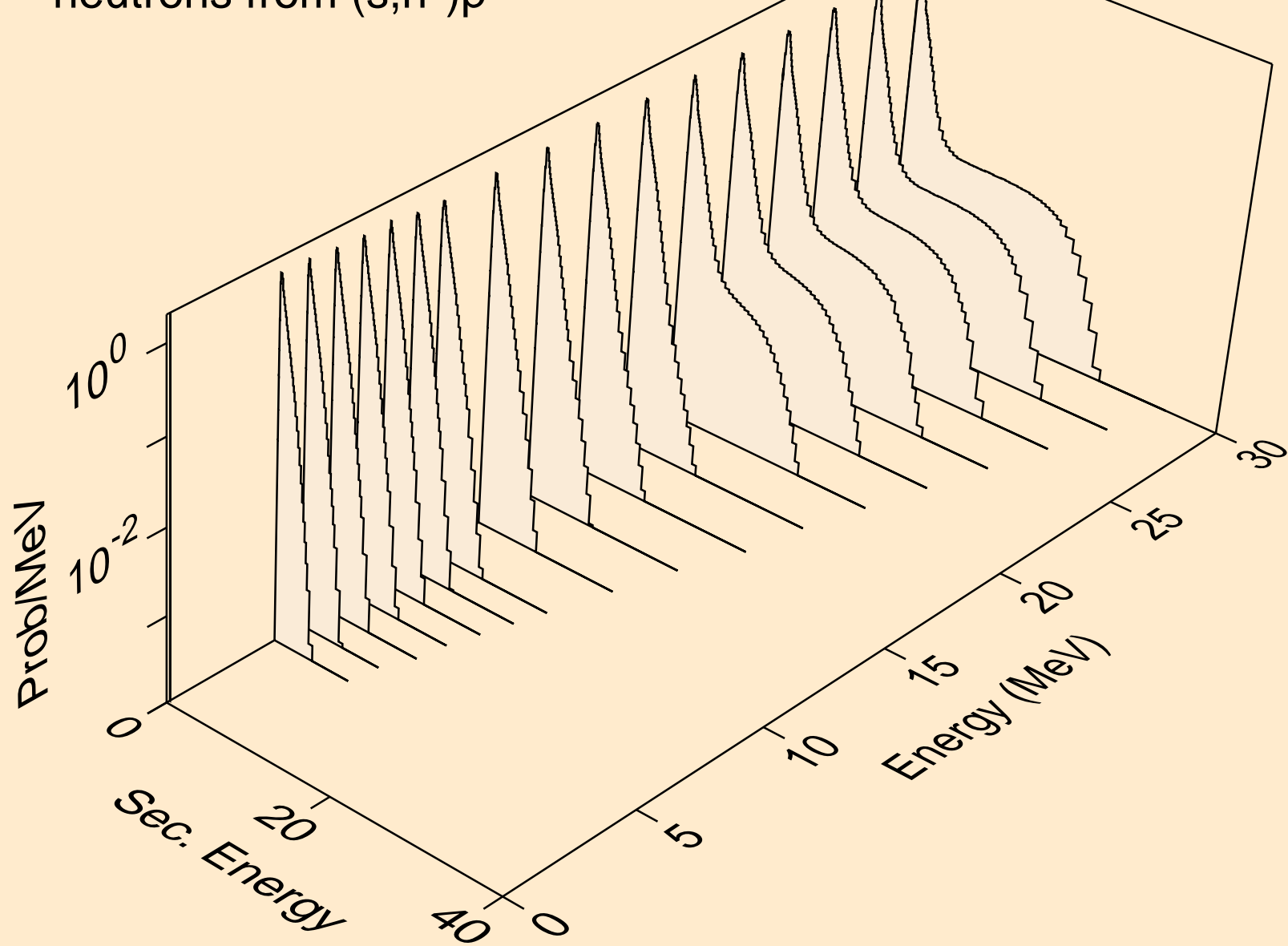
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neutrons from (s,2n)a



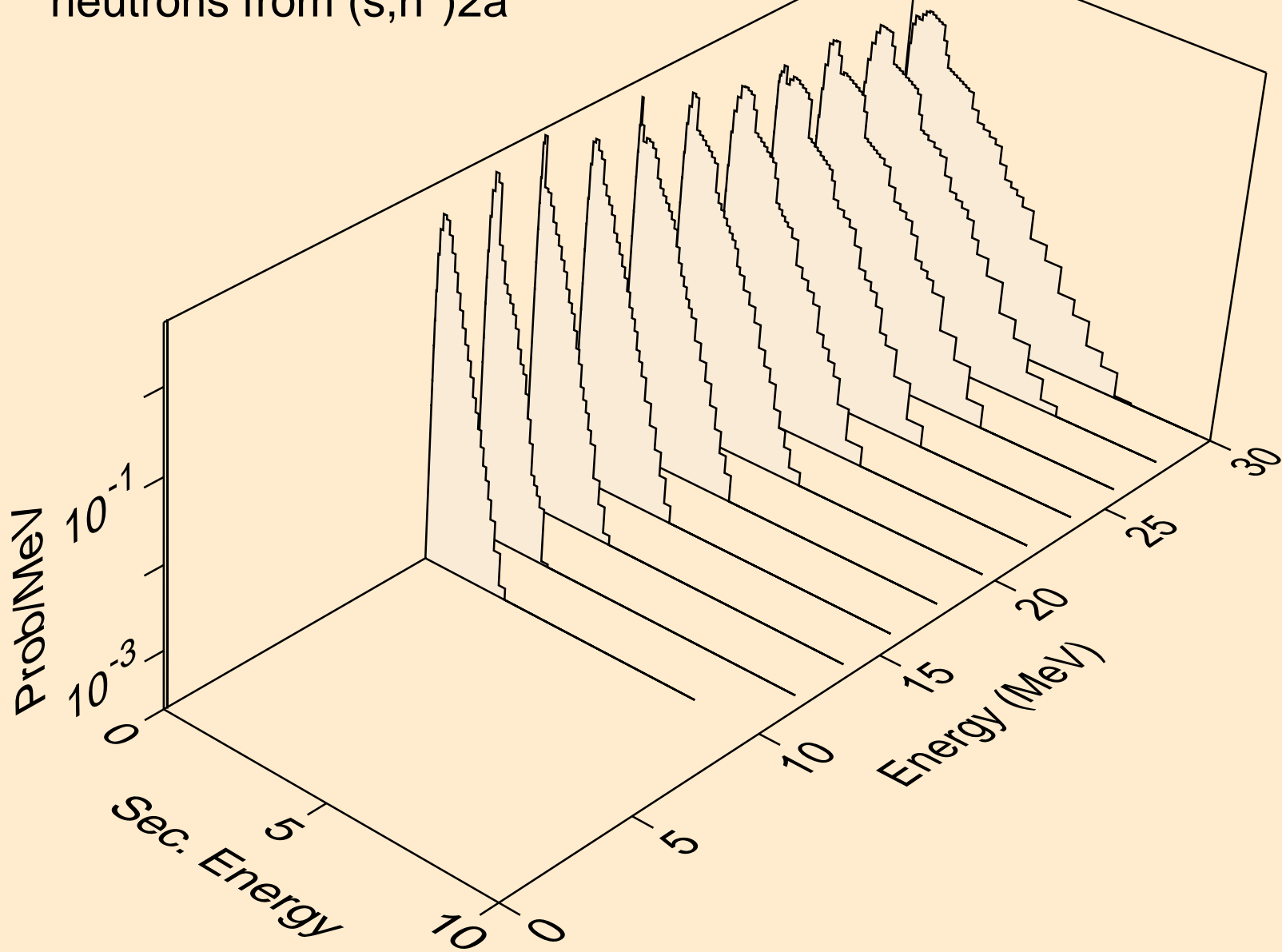
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



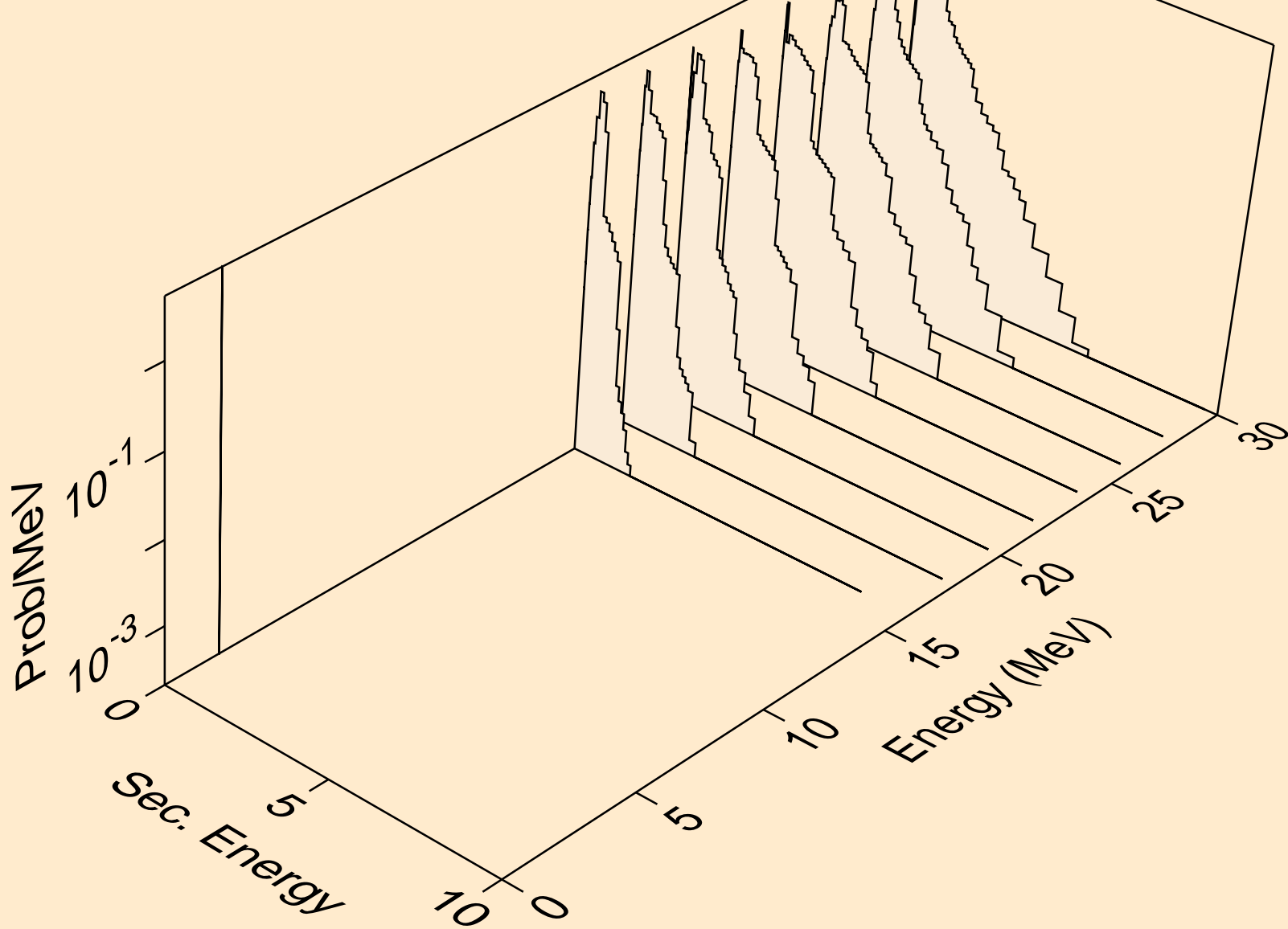
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neutrons from (s,n\*)p



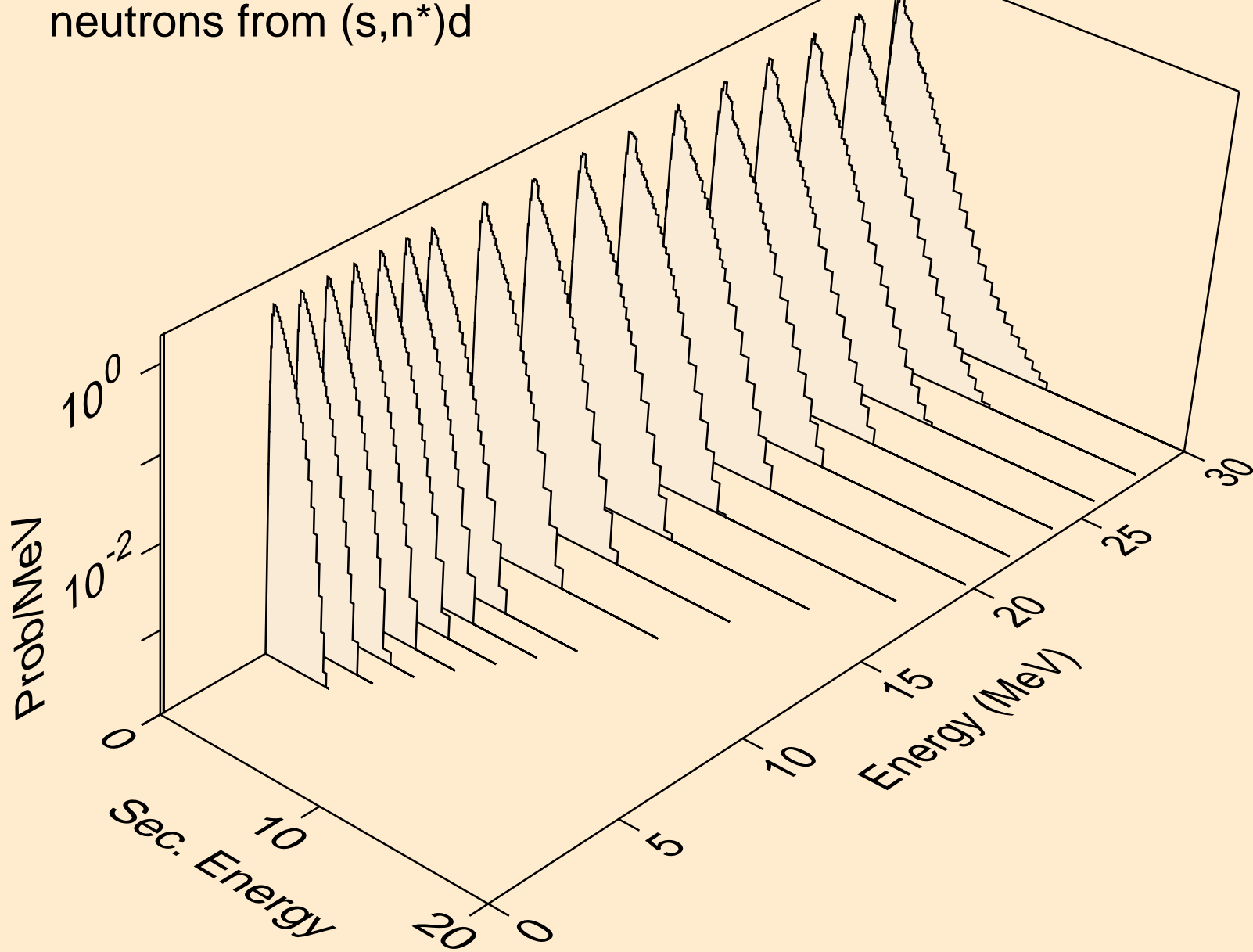
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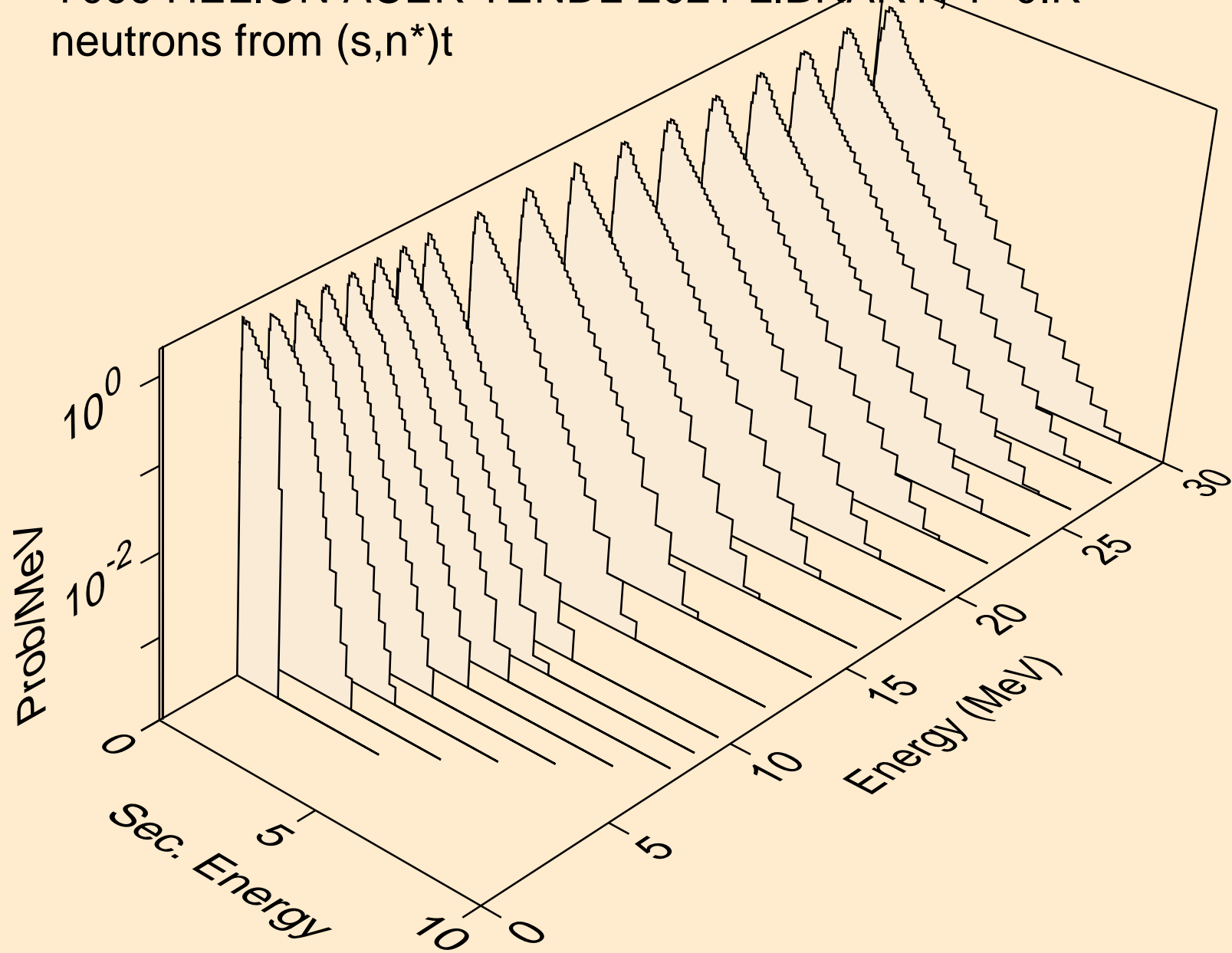
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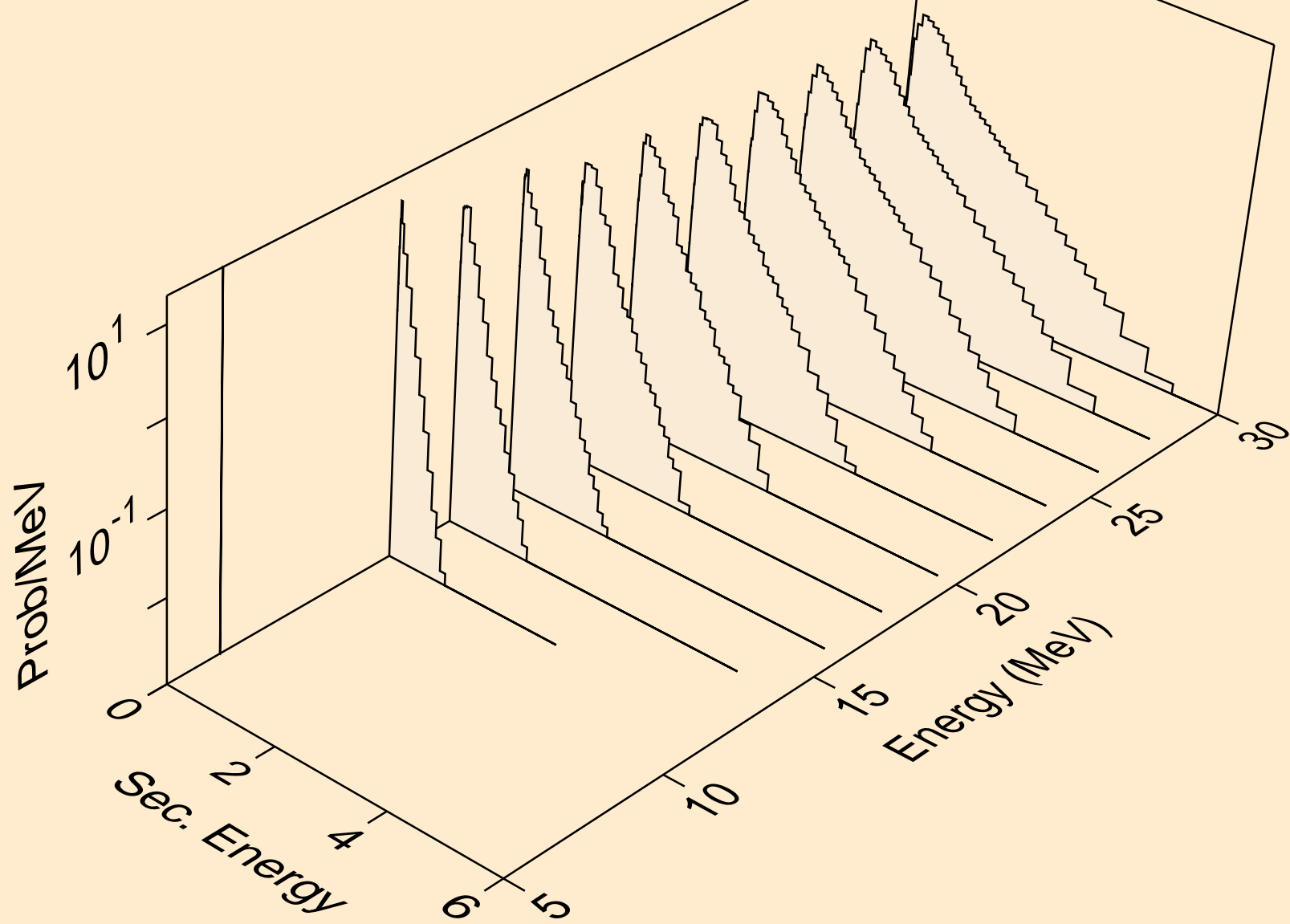
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neutrons from (s,n\*)d



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

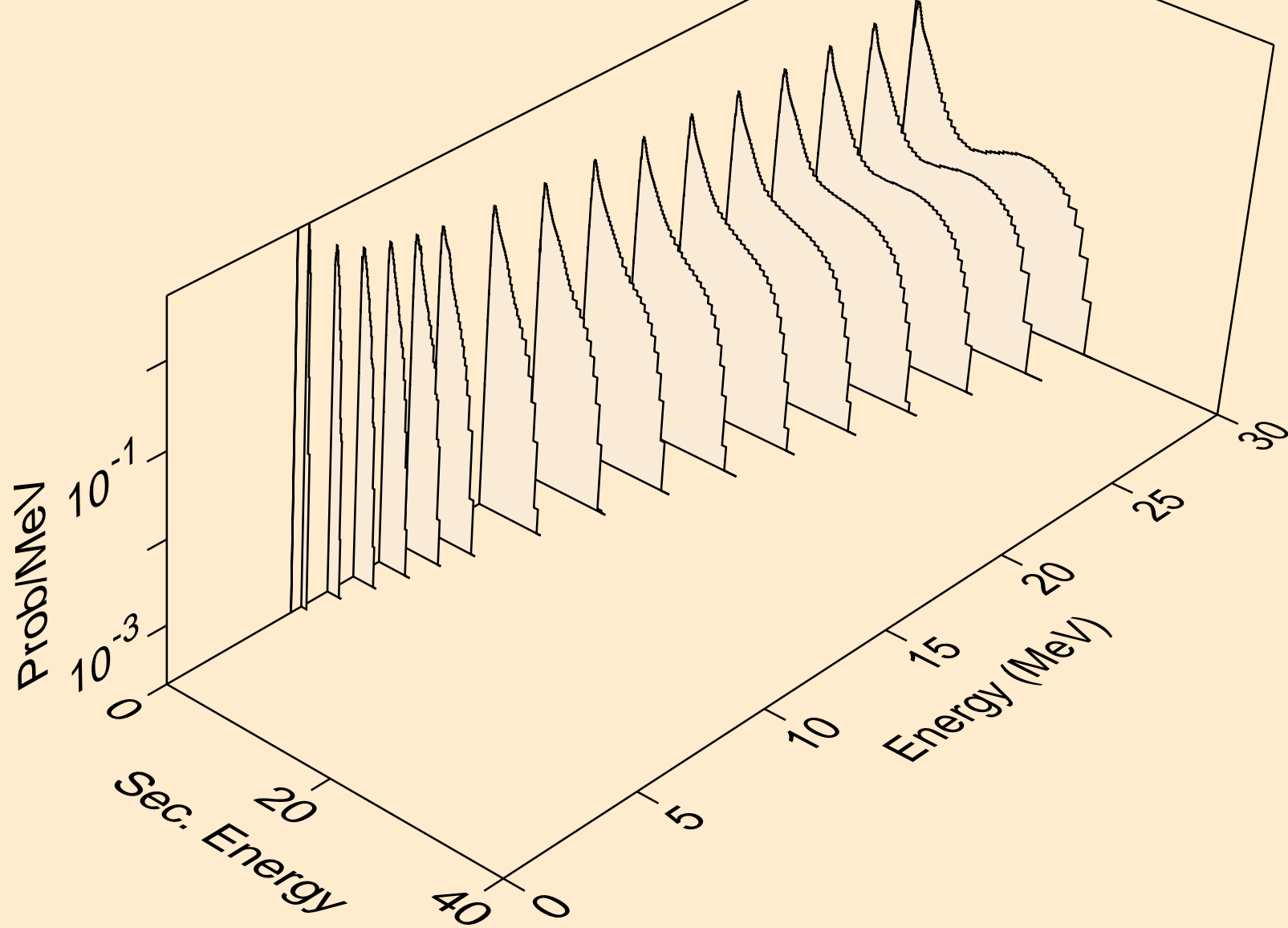


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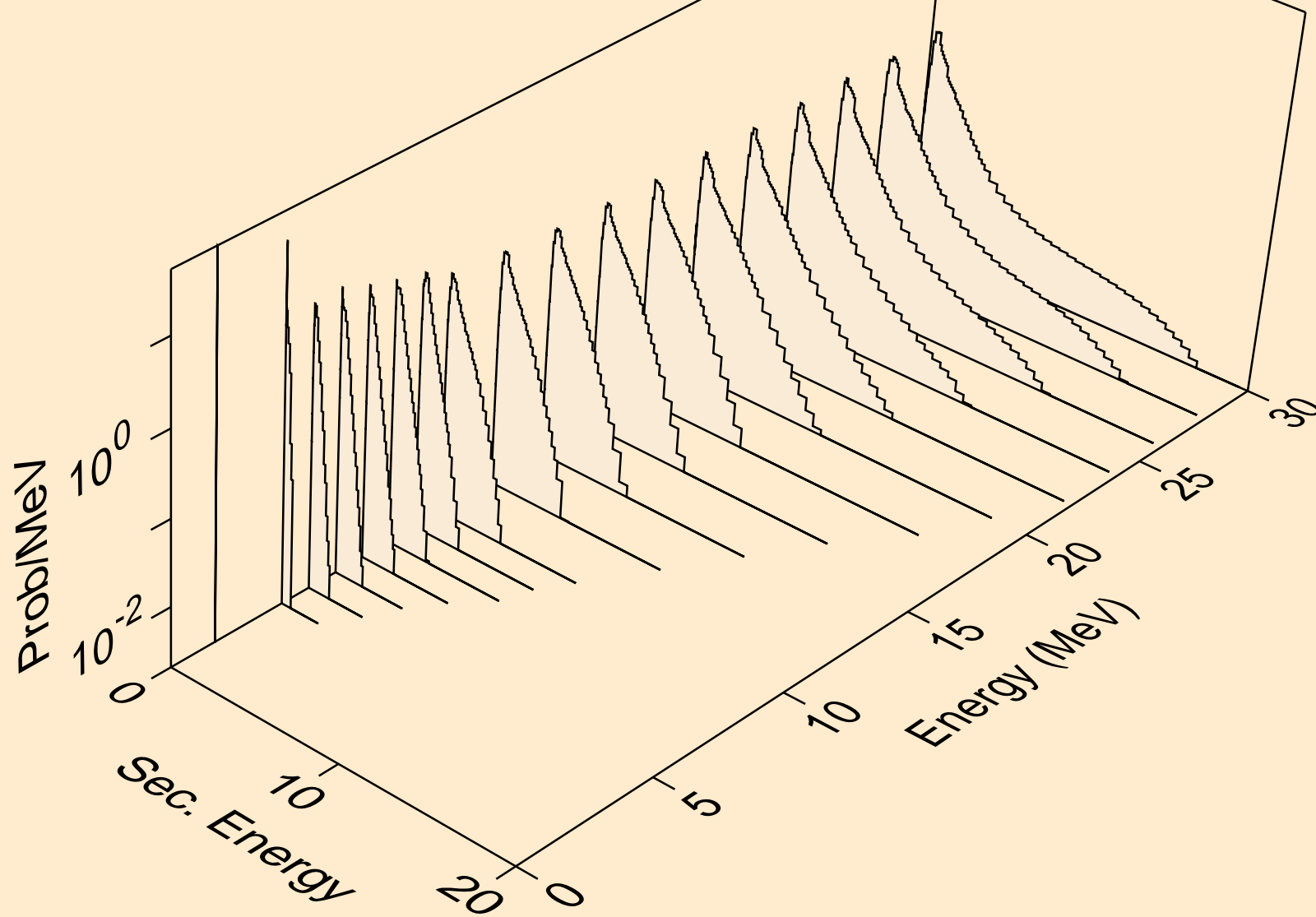




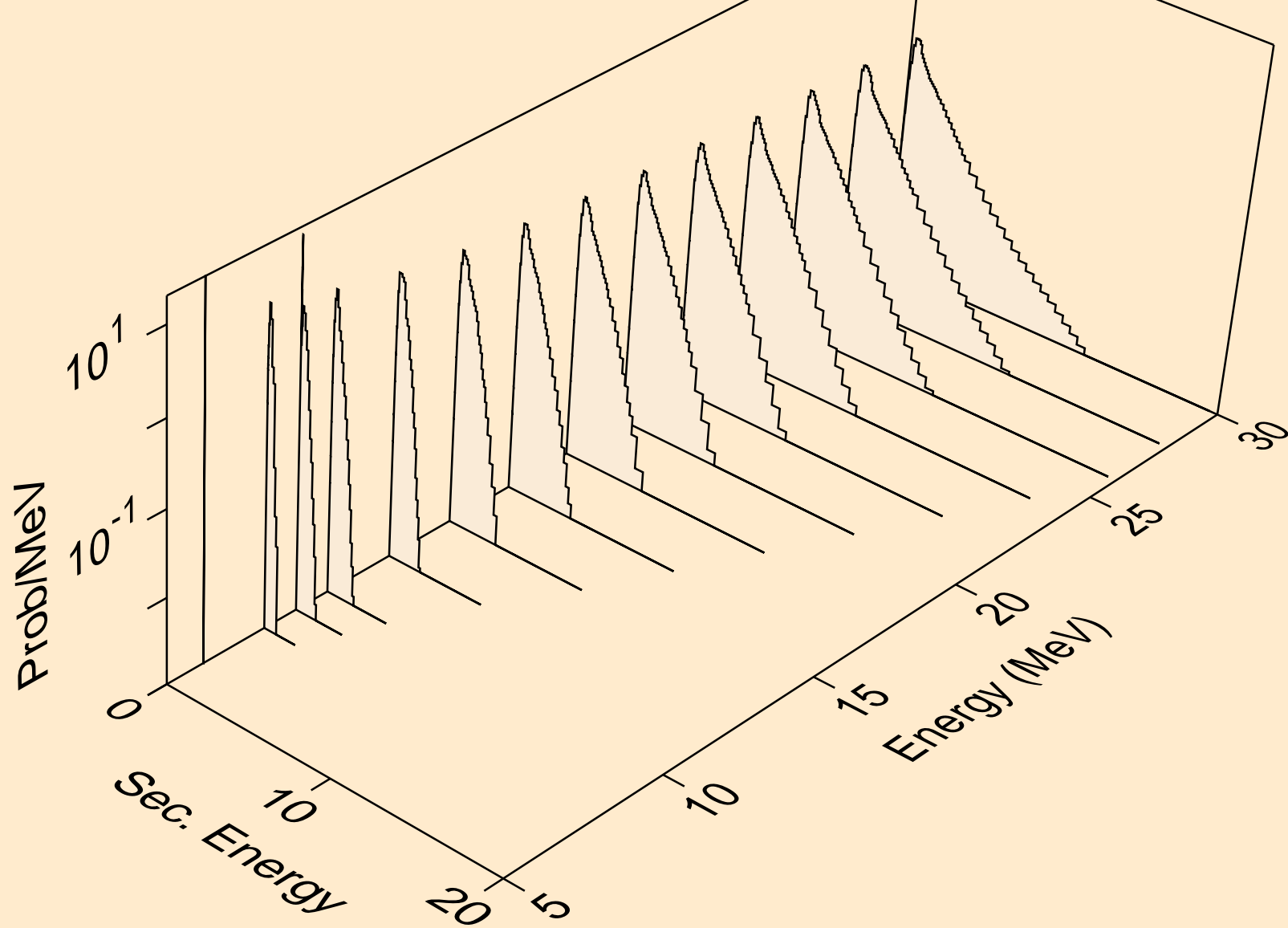
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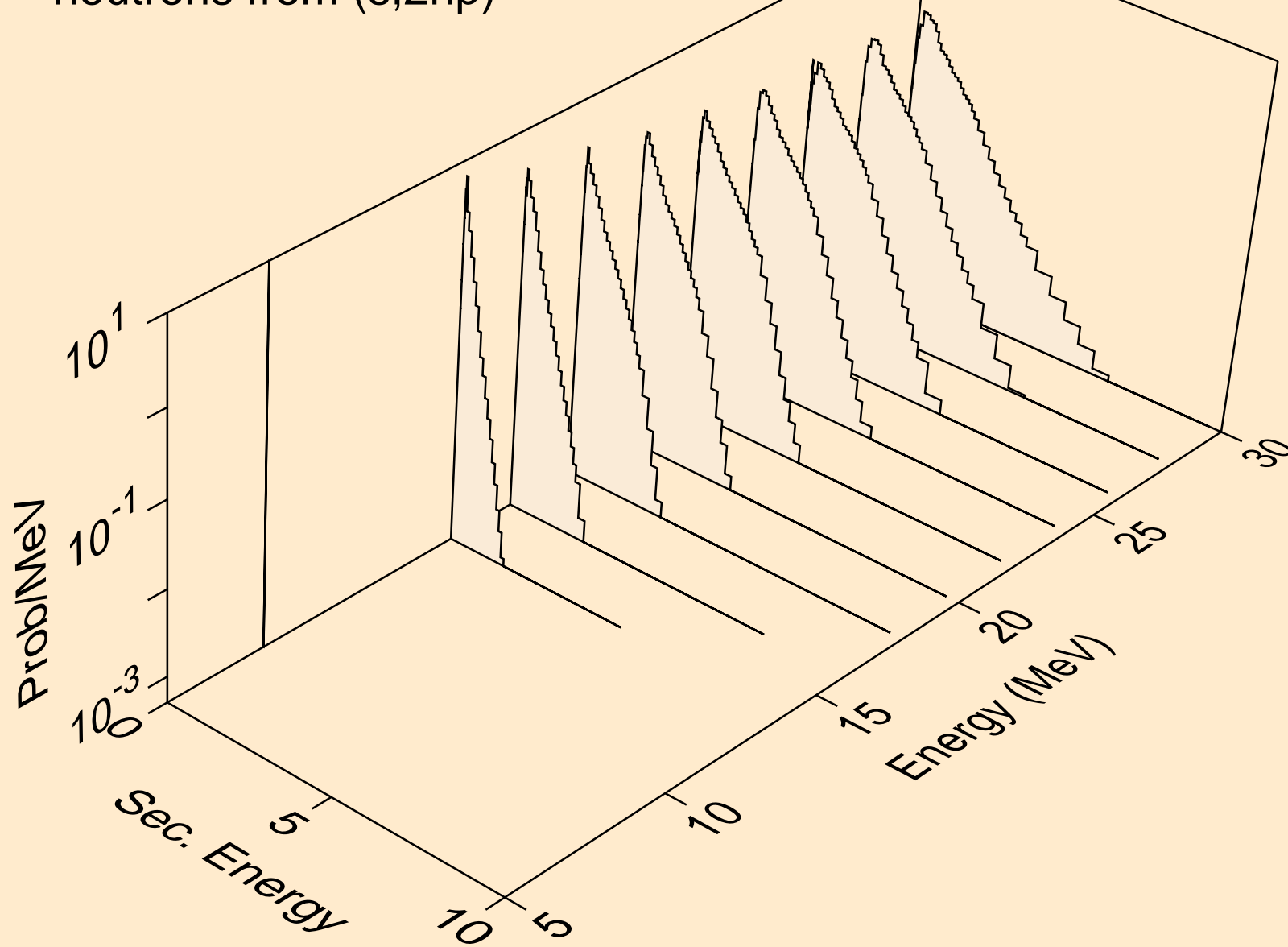
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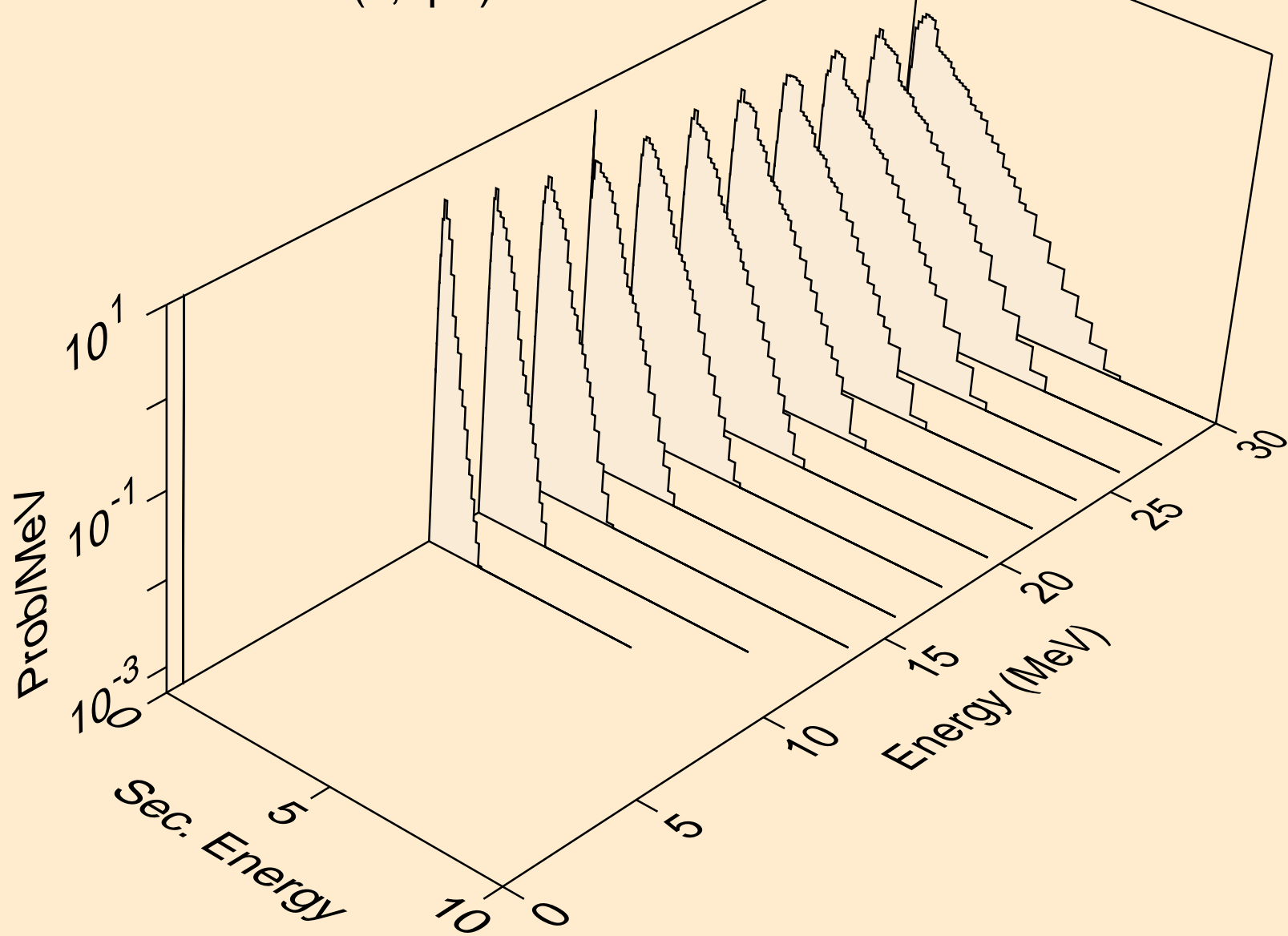
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neutrons from (s,3np)



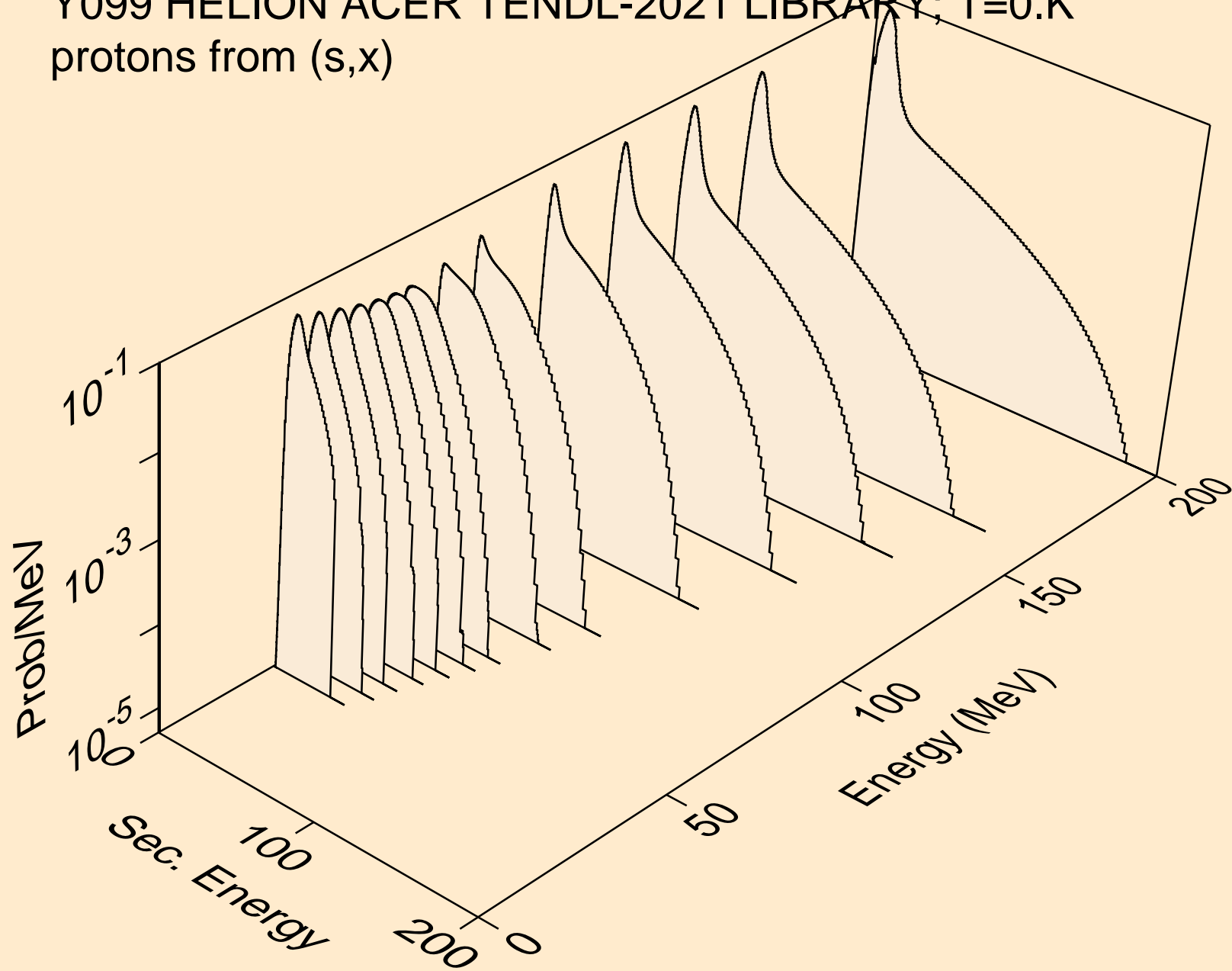
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



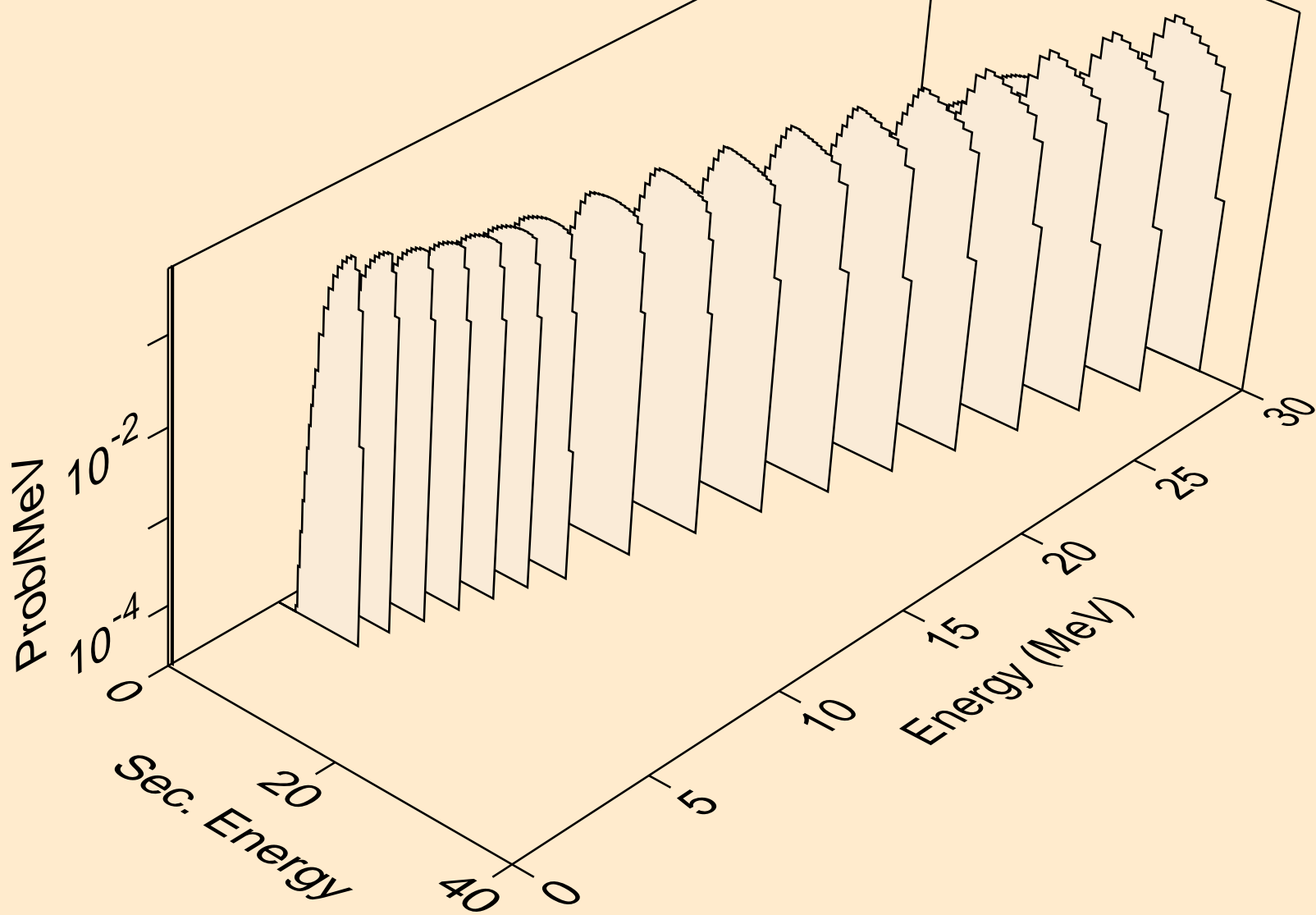
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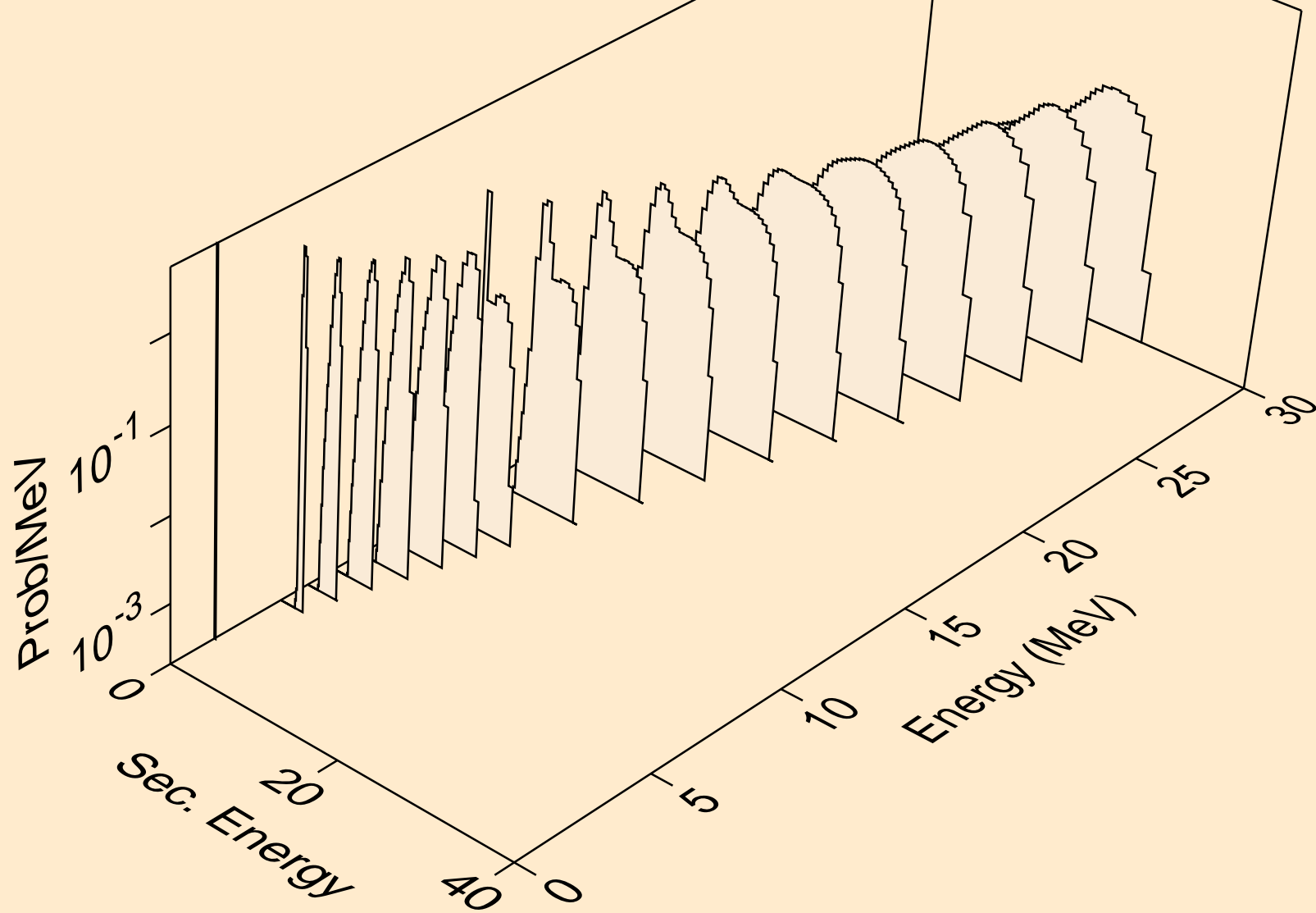
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

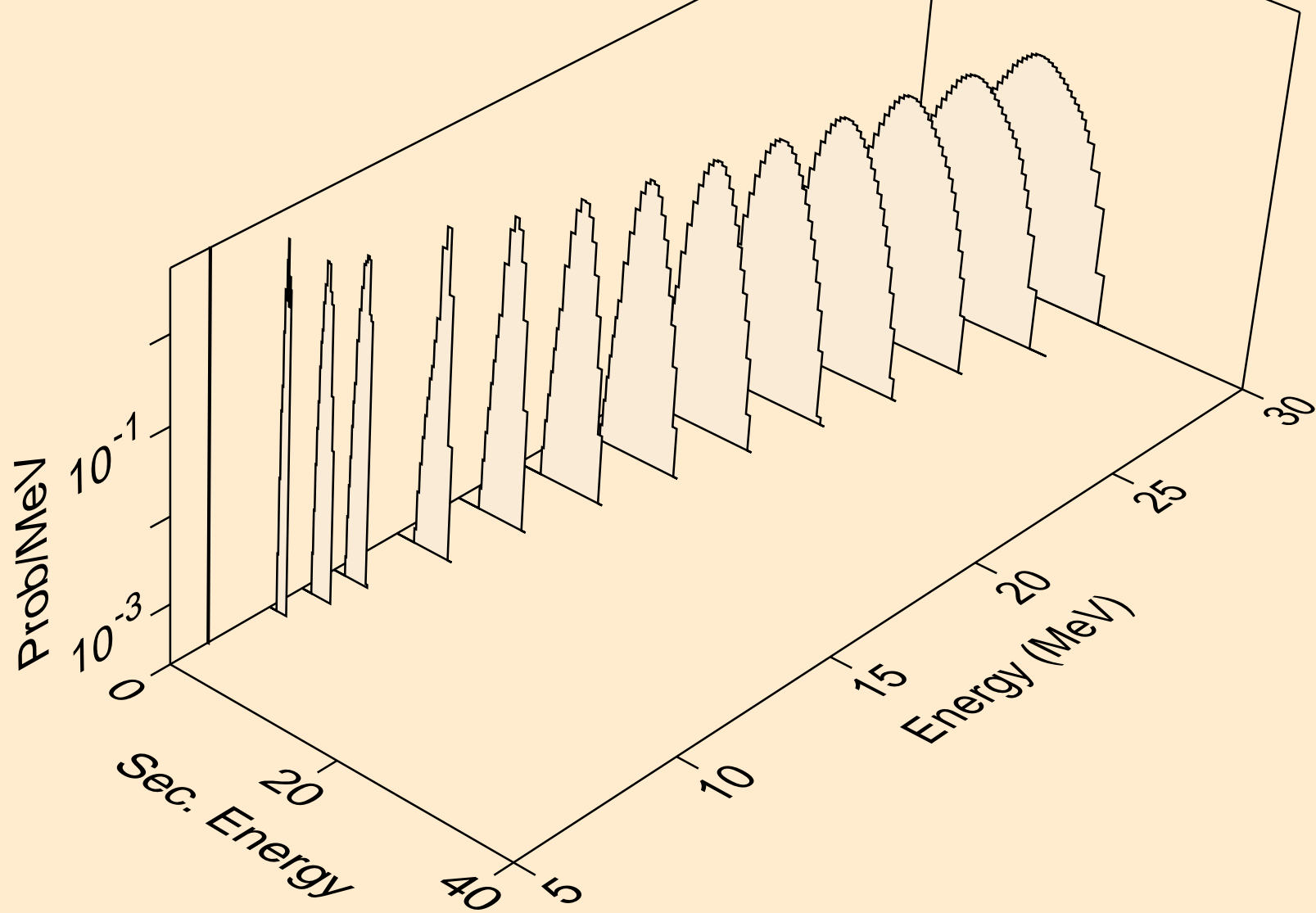


Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

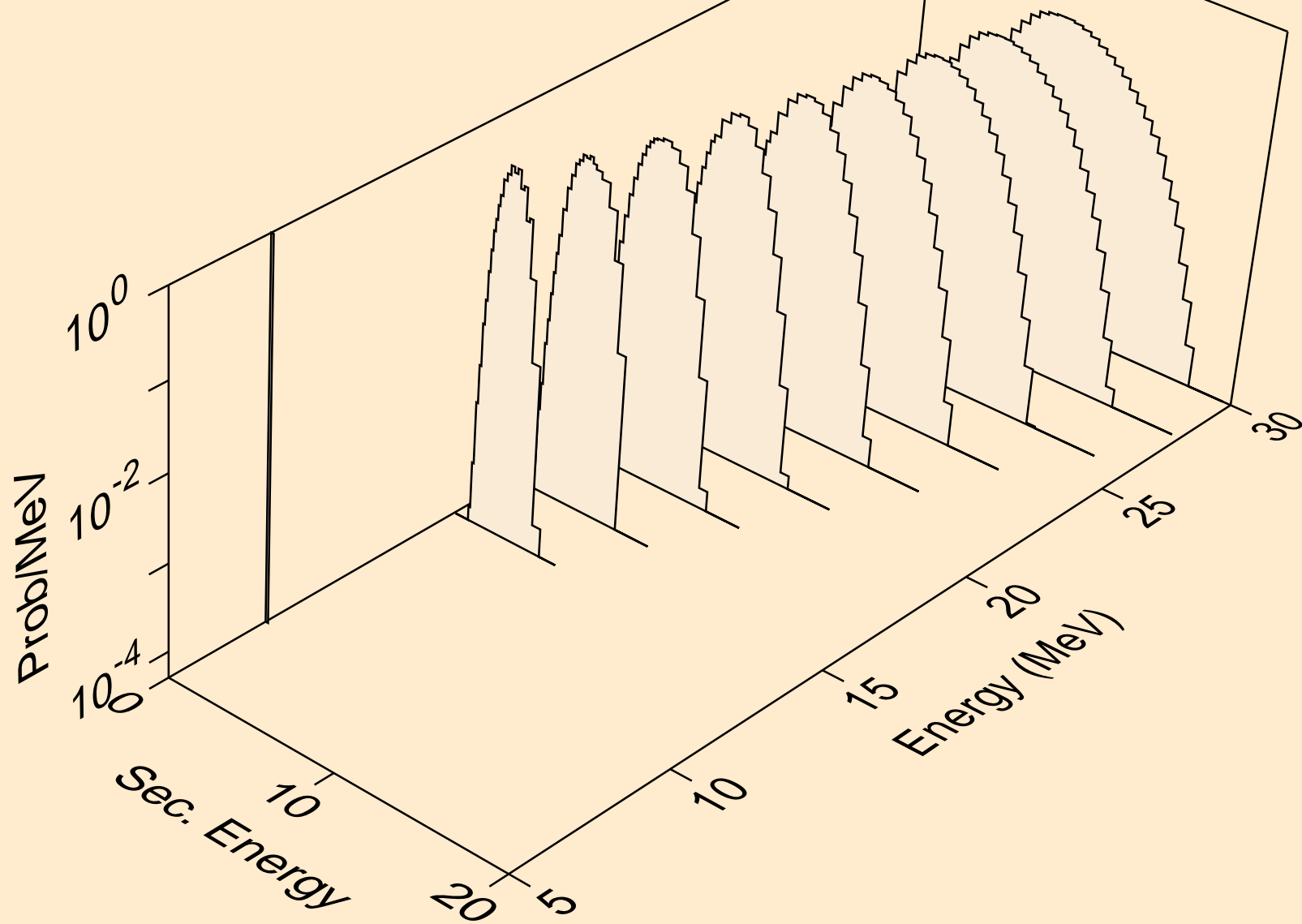




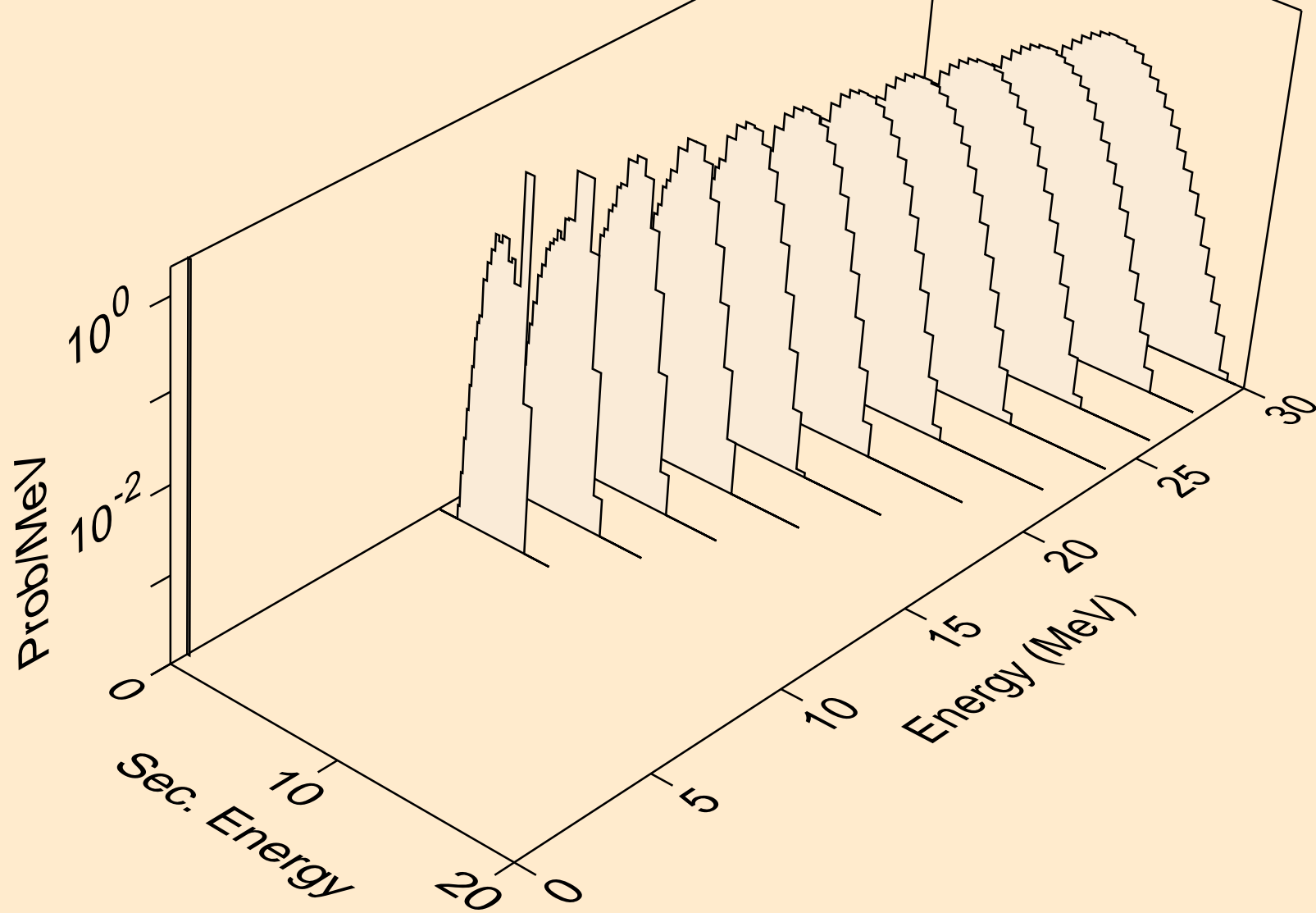
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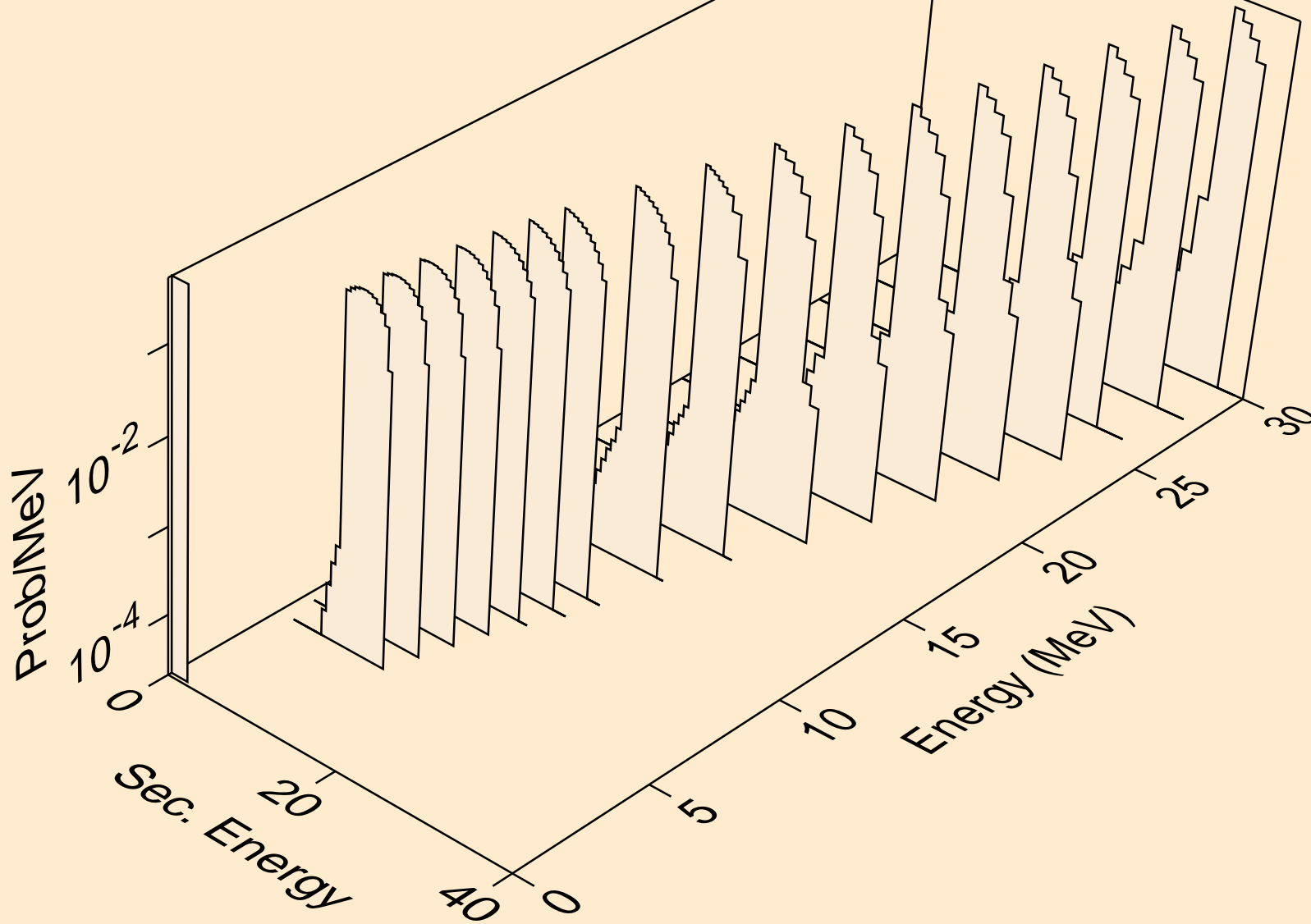
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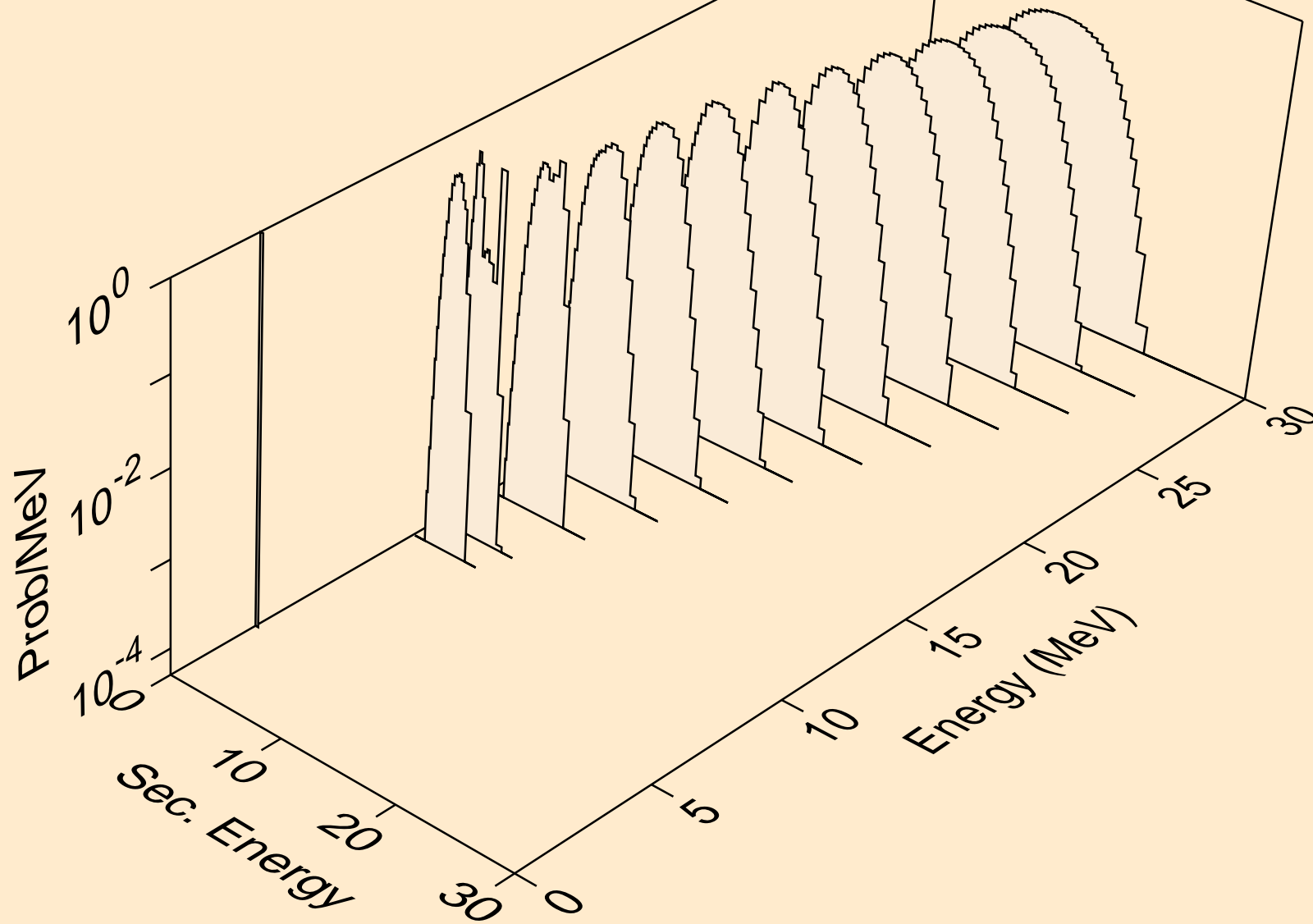
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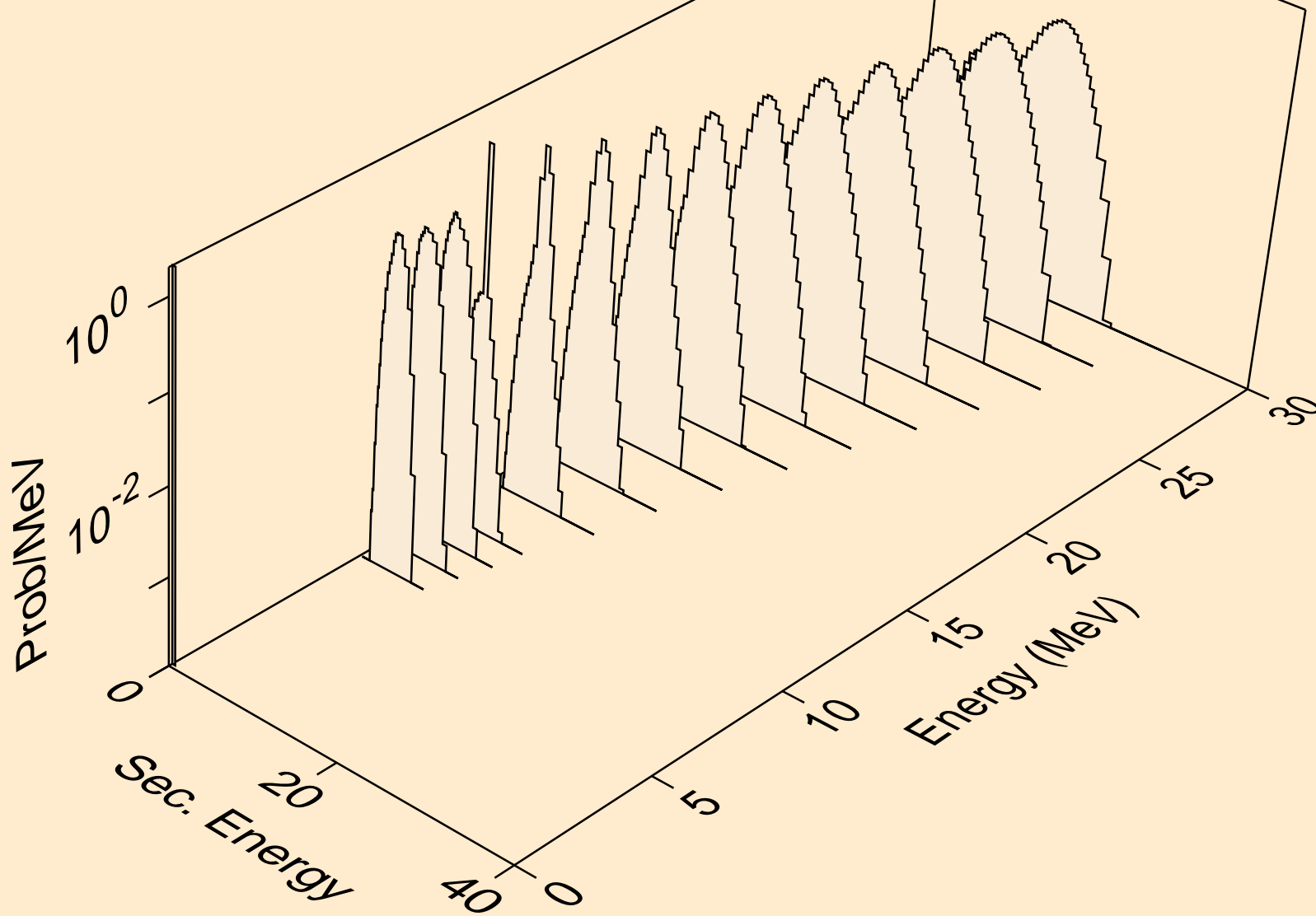
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protons from (s,p)



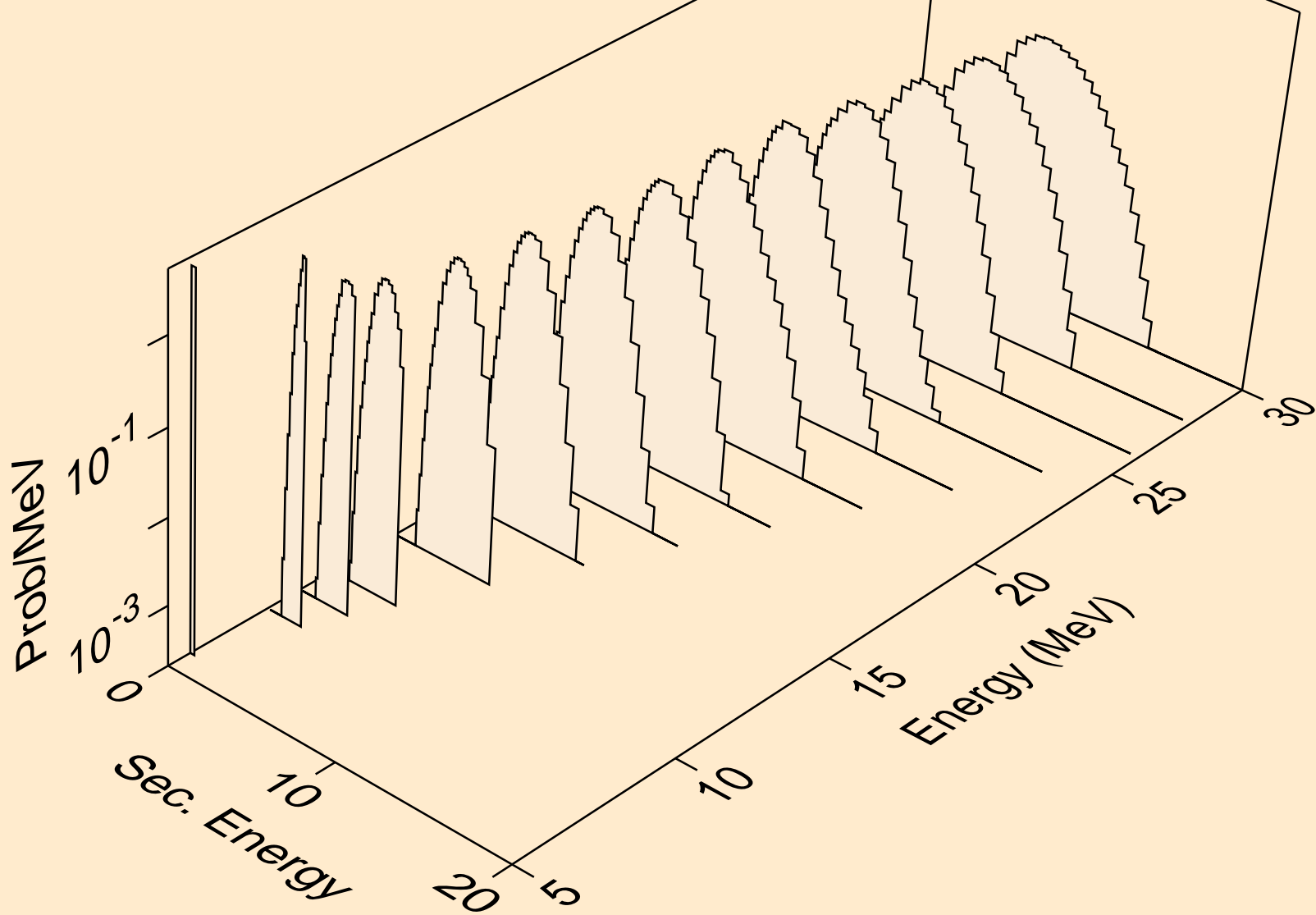
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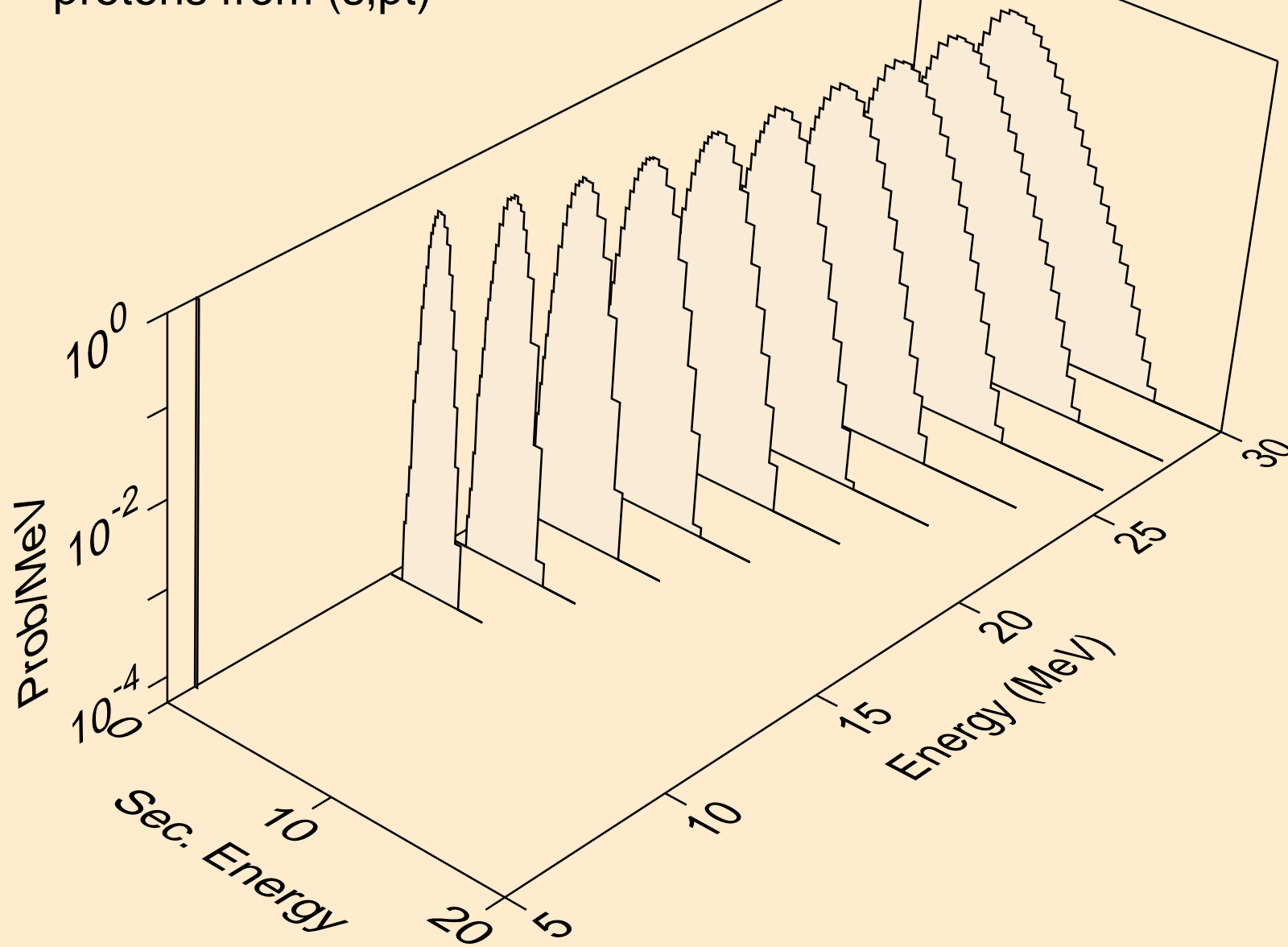
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

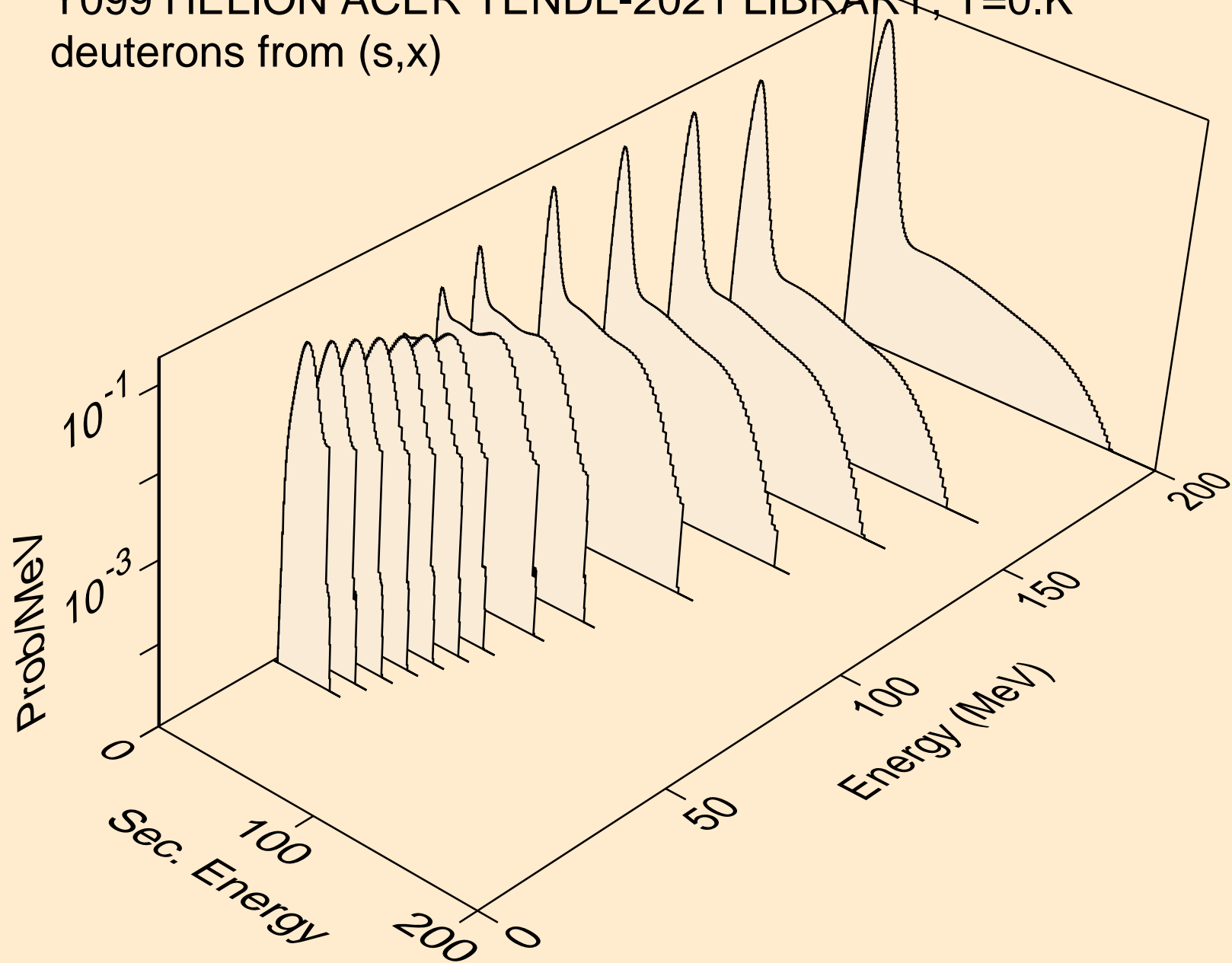


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protons from (s,pt)

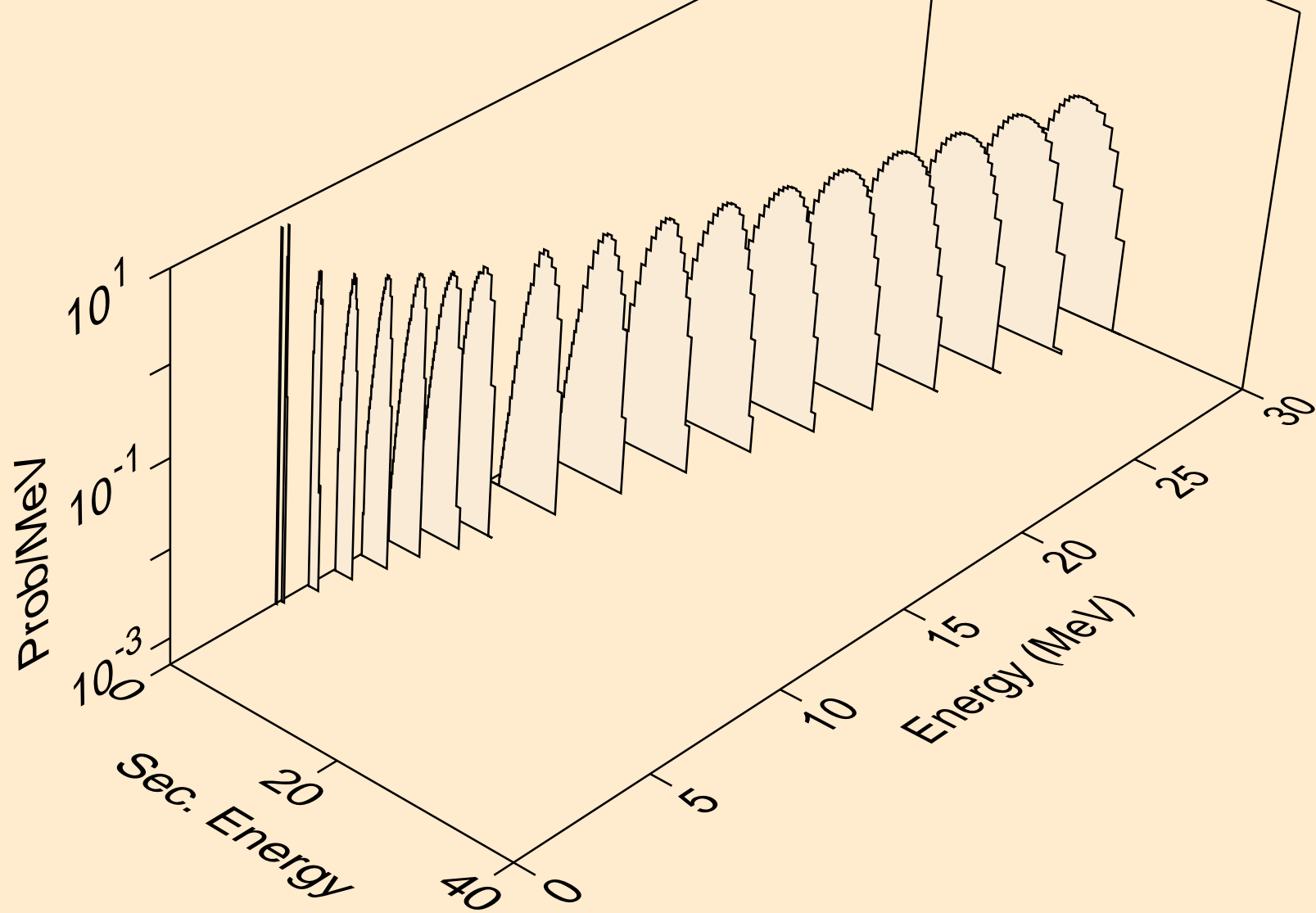




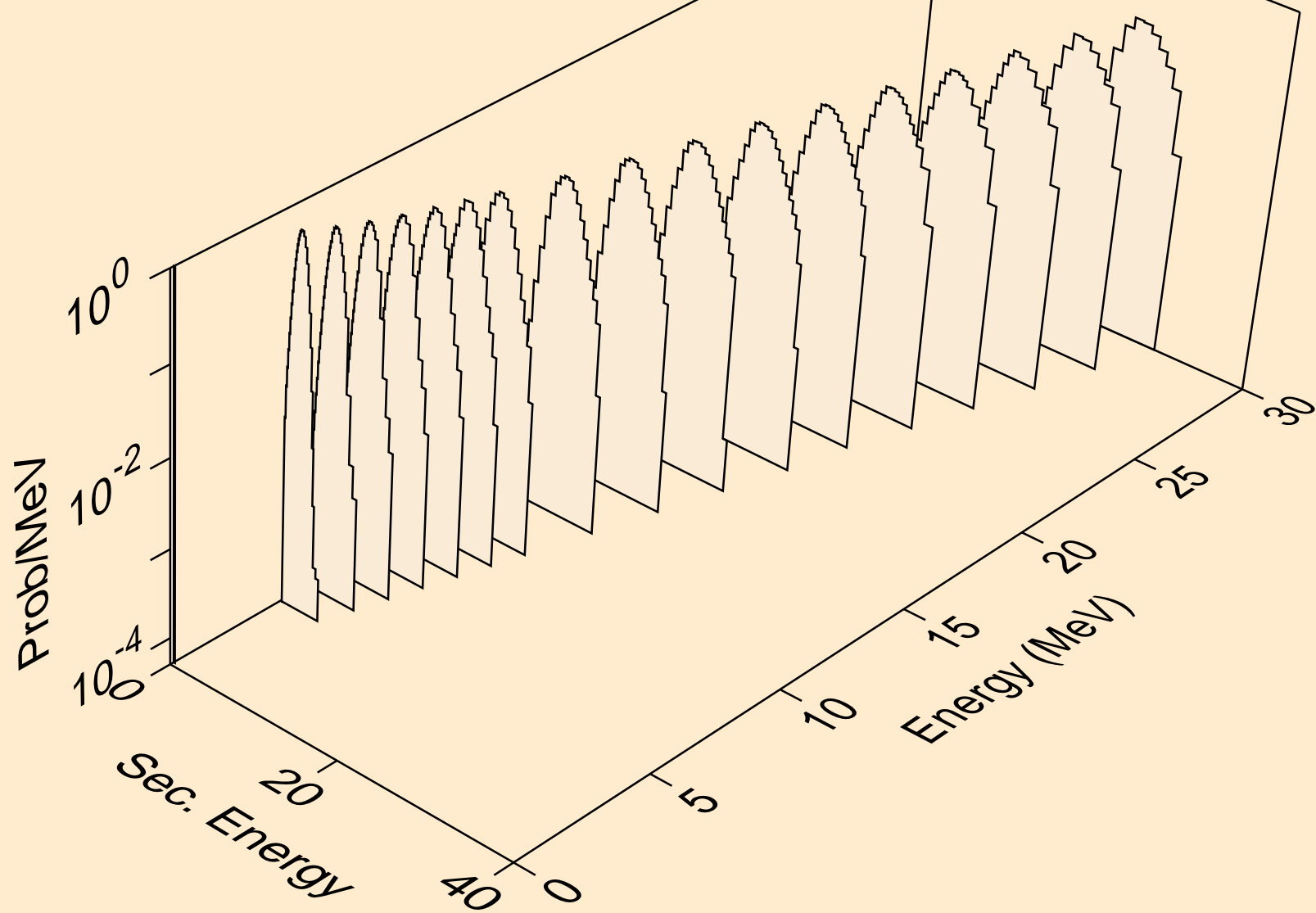
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deuterons from (s,x)



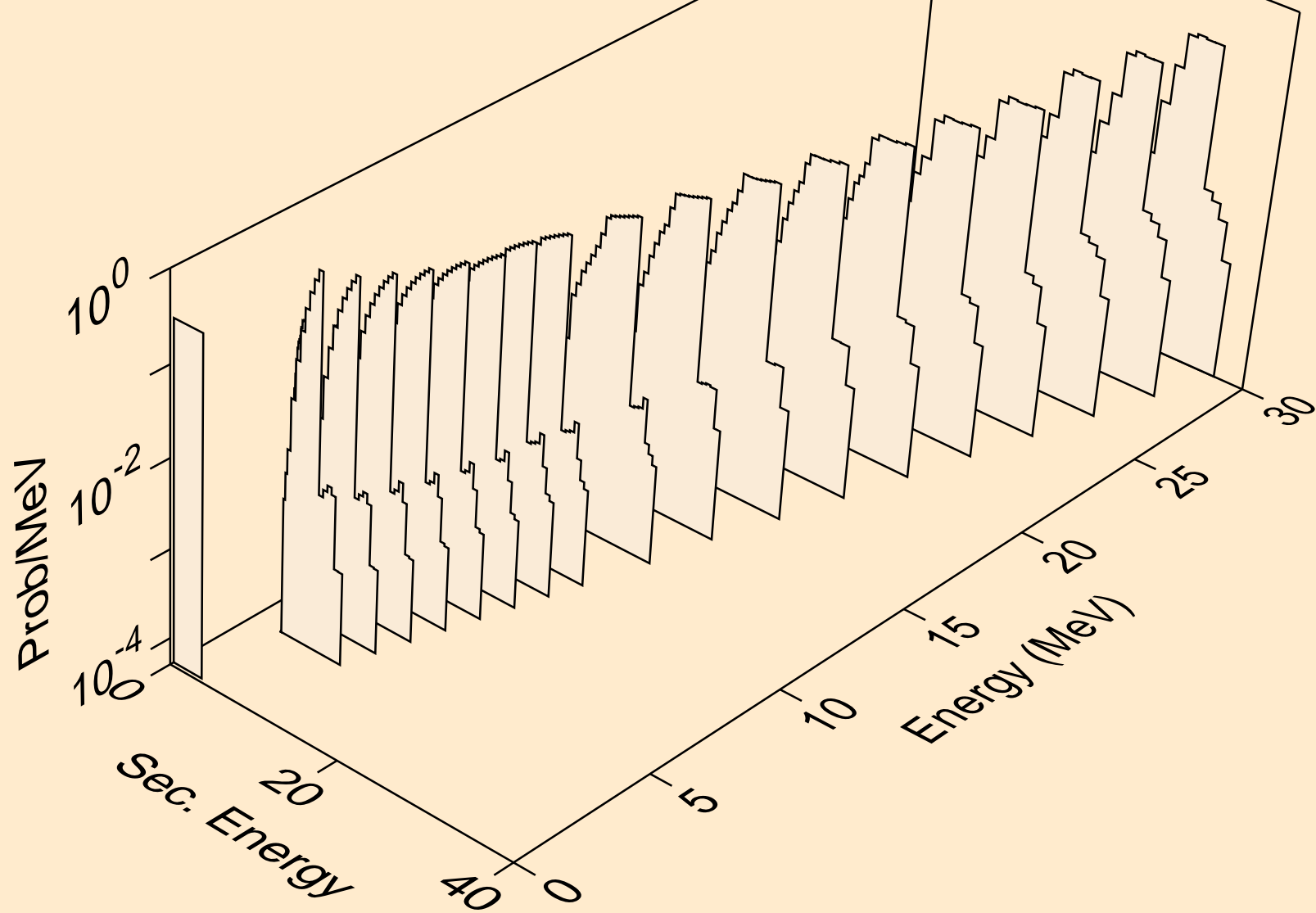
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deuterons from (s,2nd)



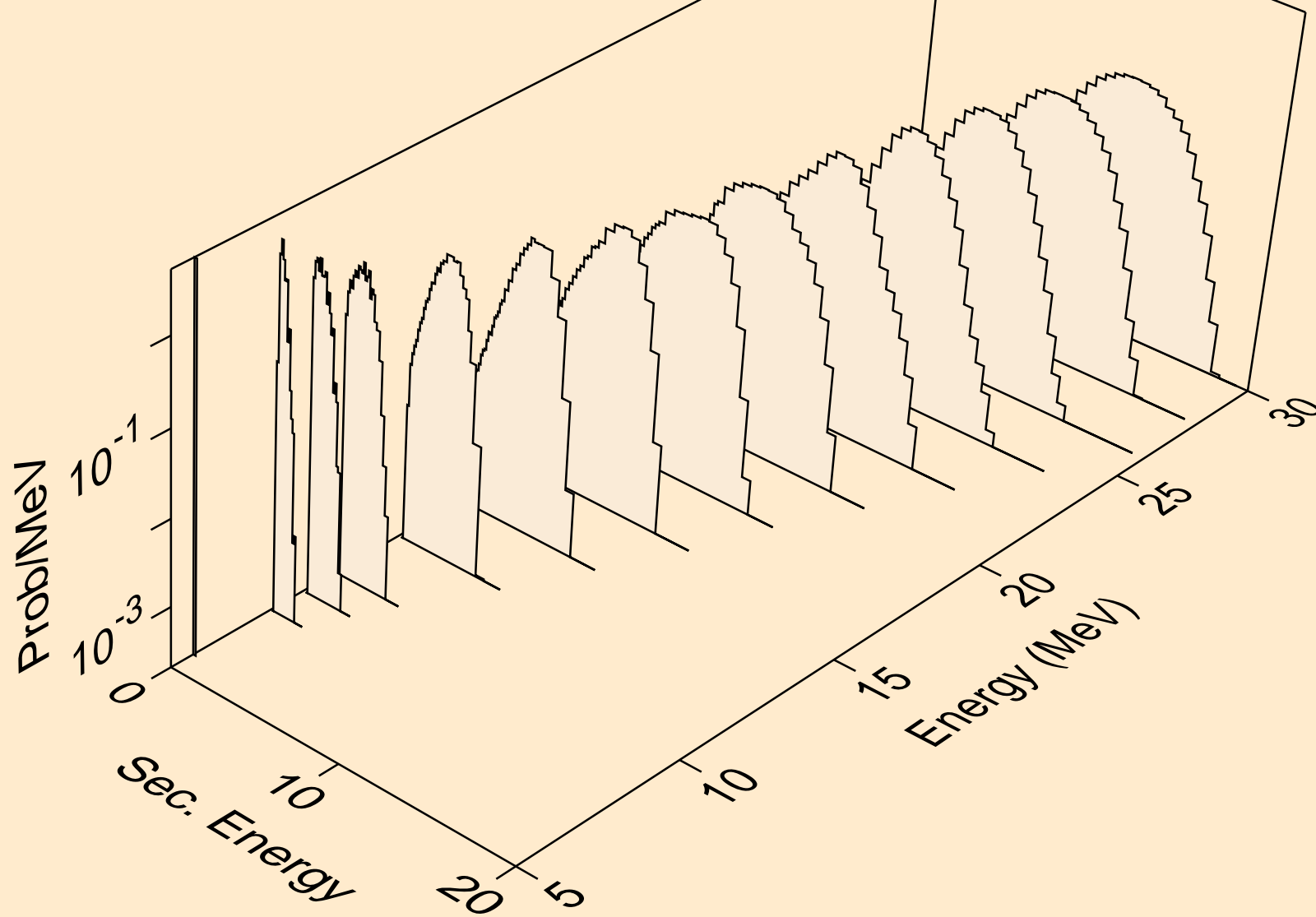
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deuterons from (s,n\*)d



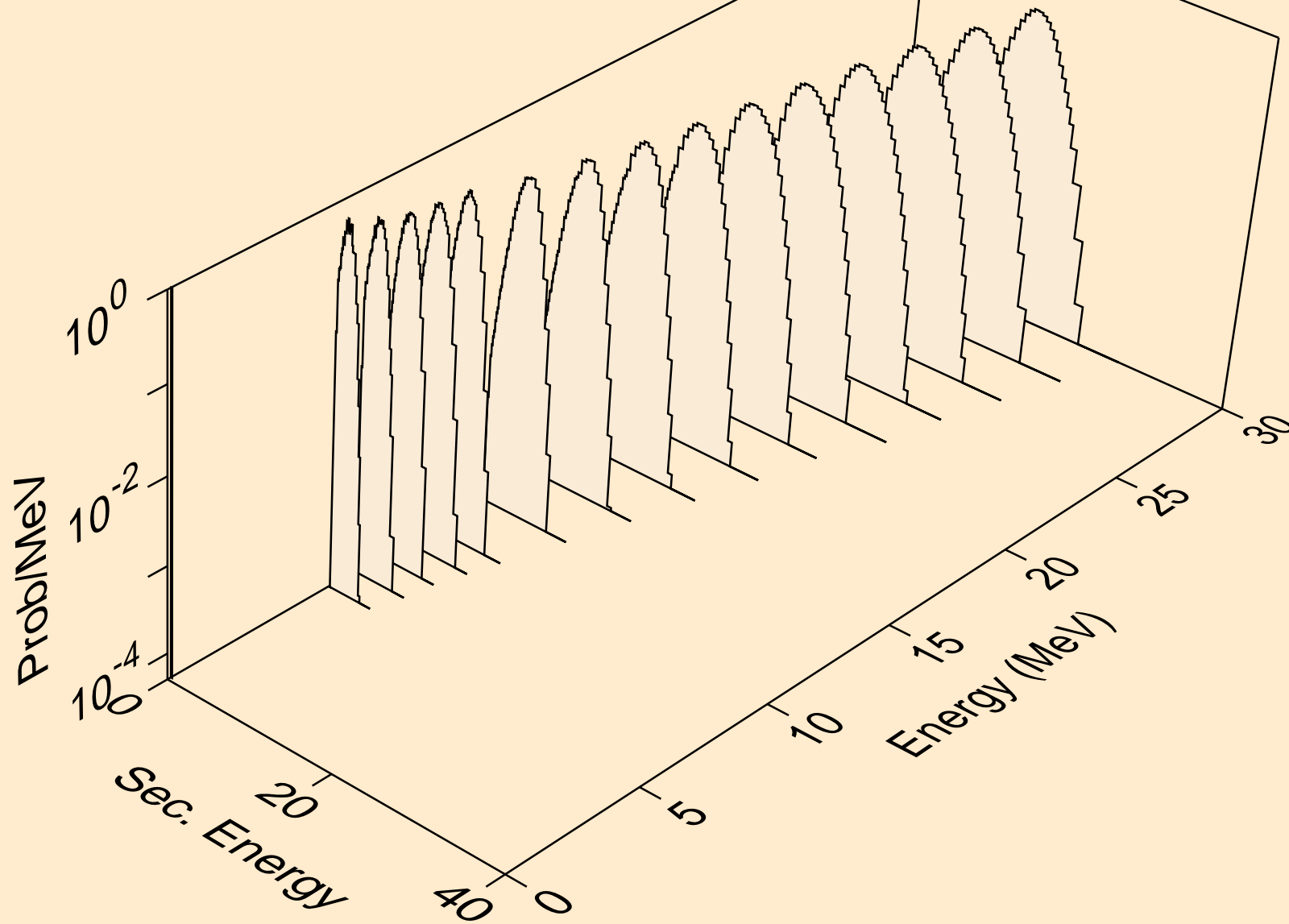
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deuterons from (s,d)



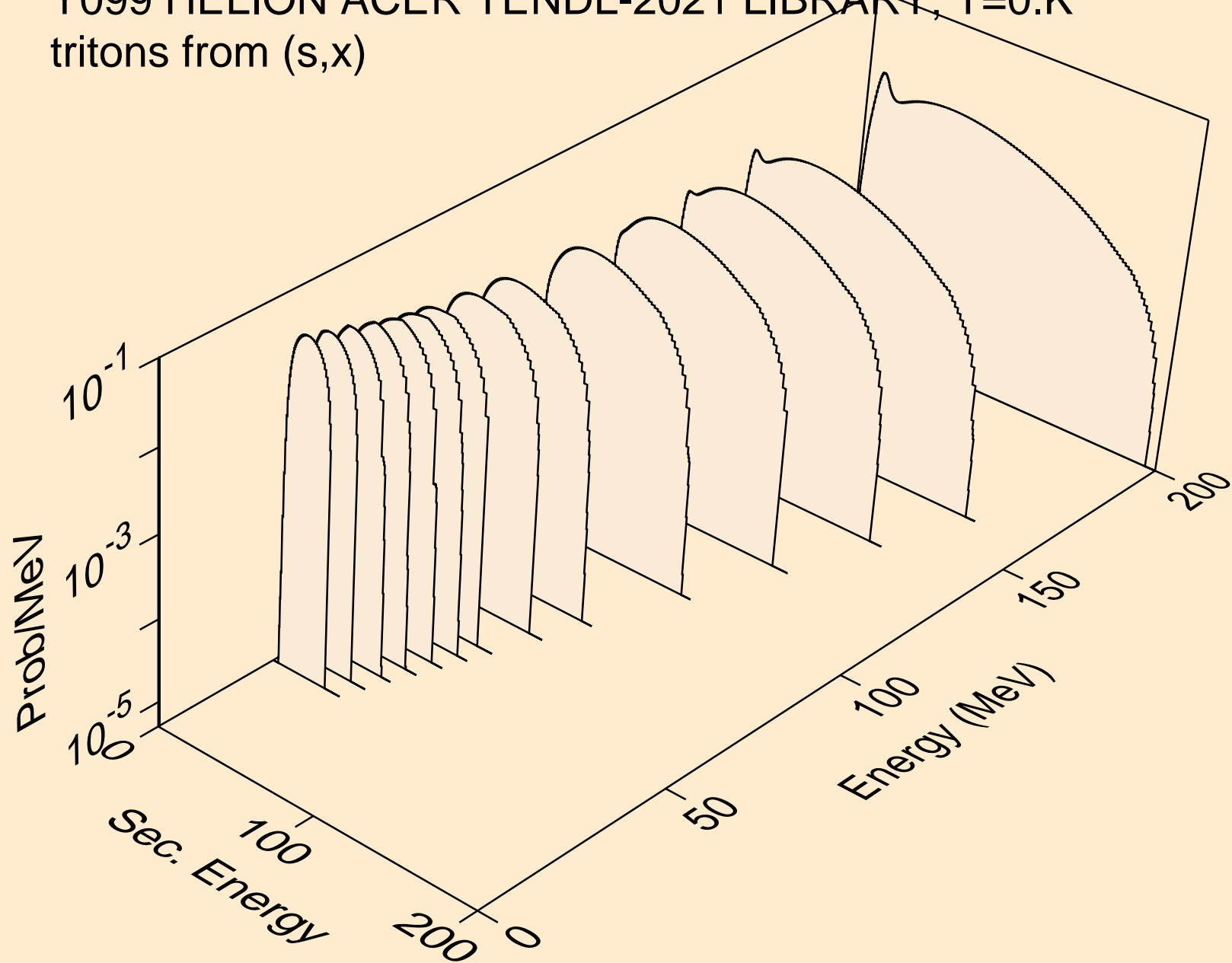
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deuterons from (s,pd)



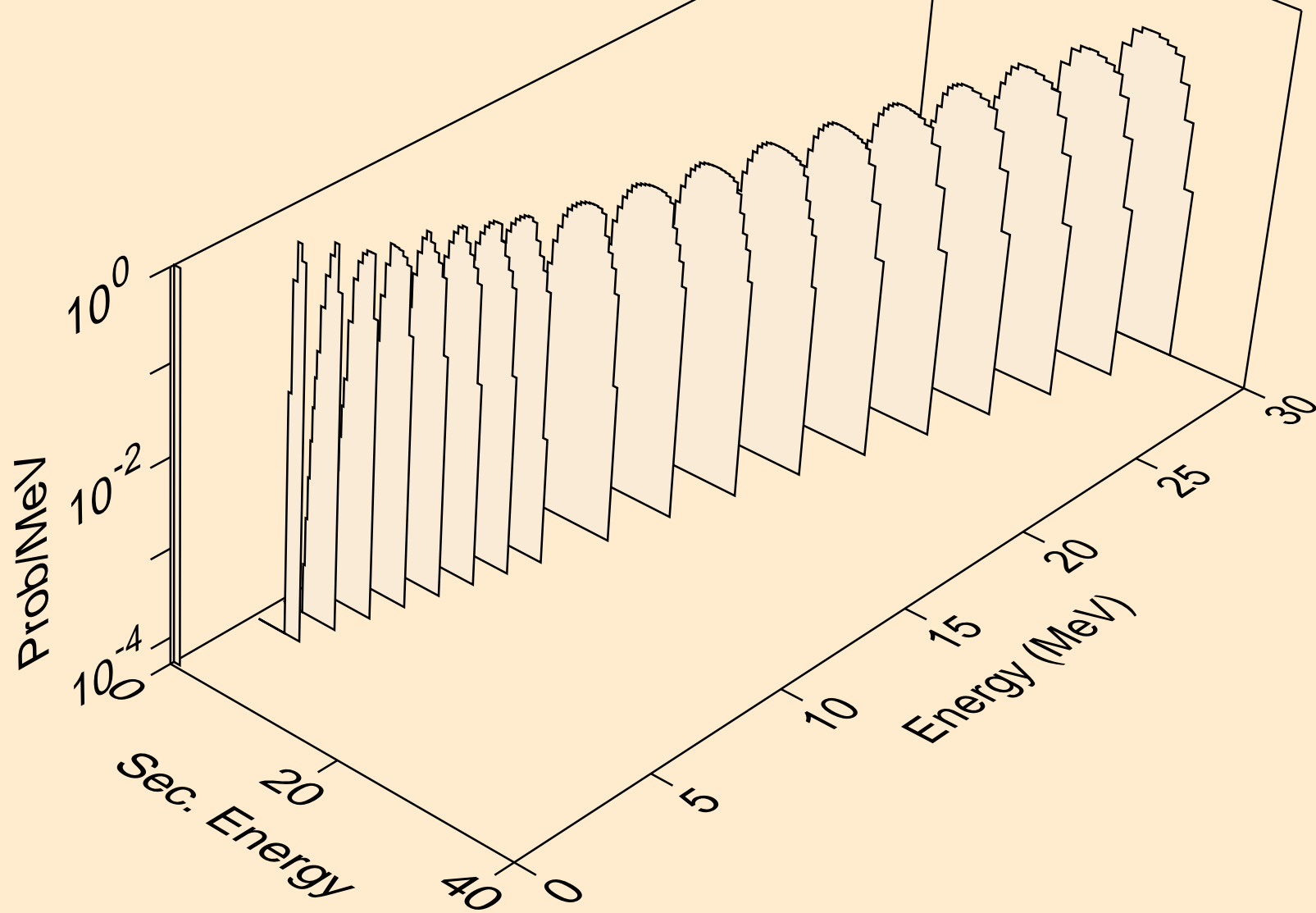
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

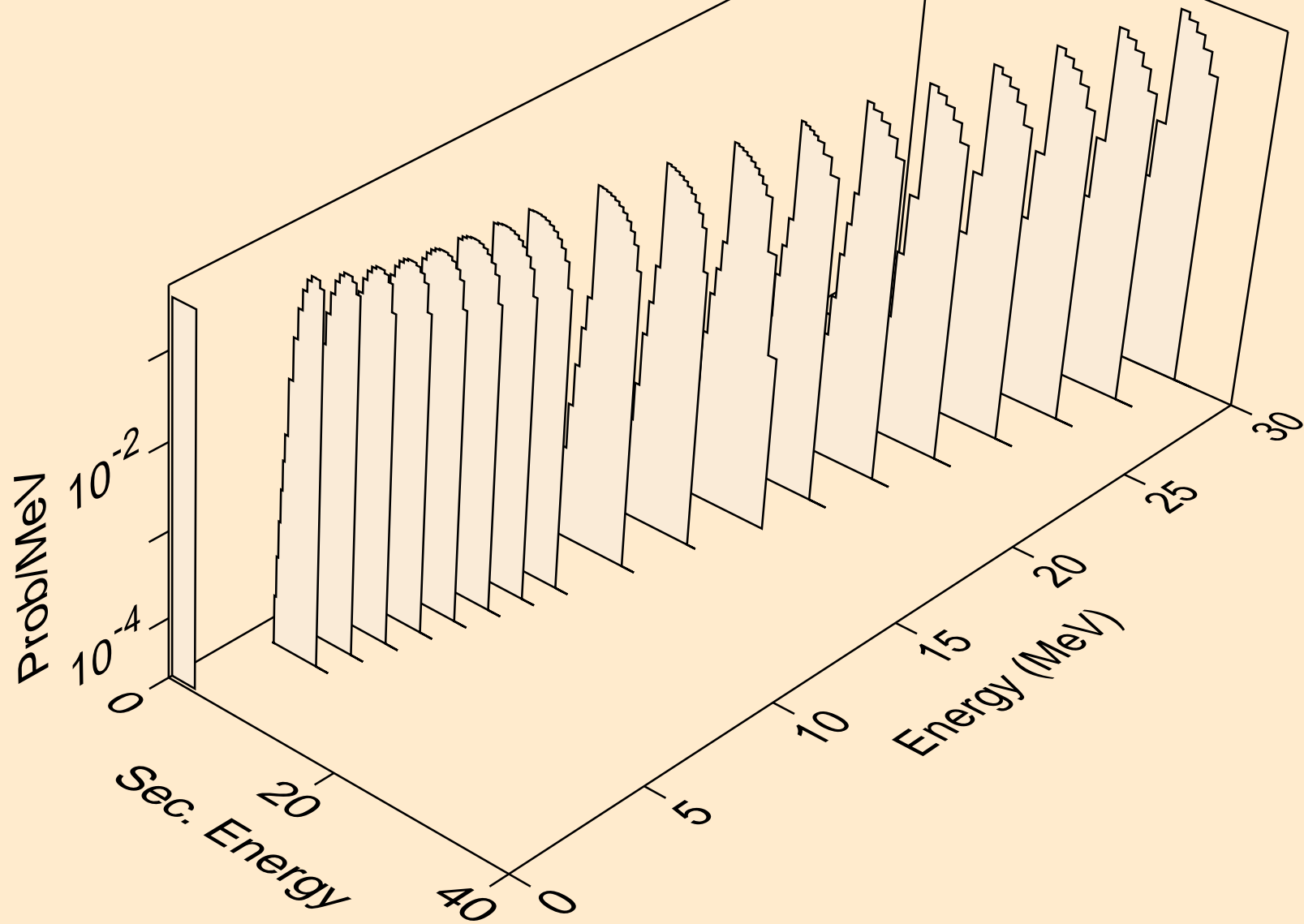


Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

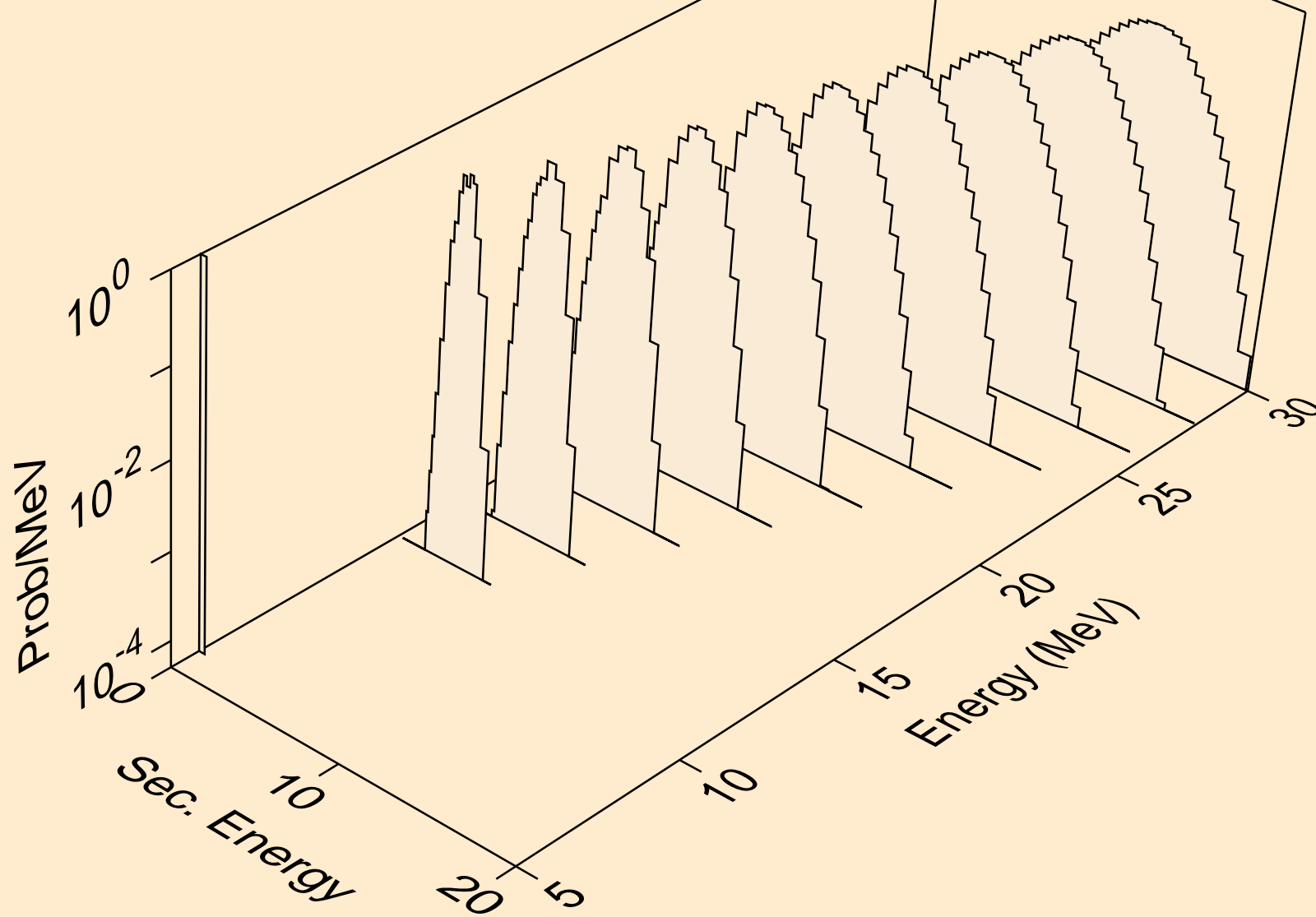




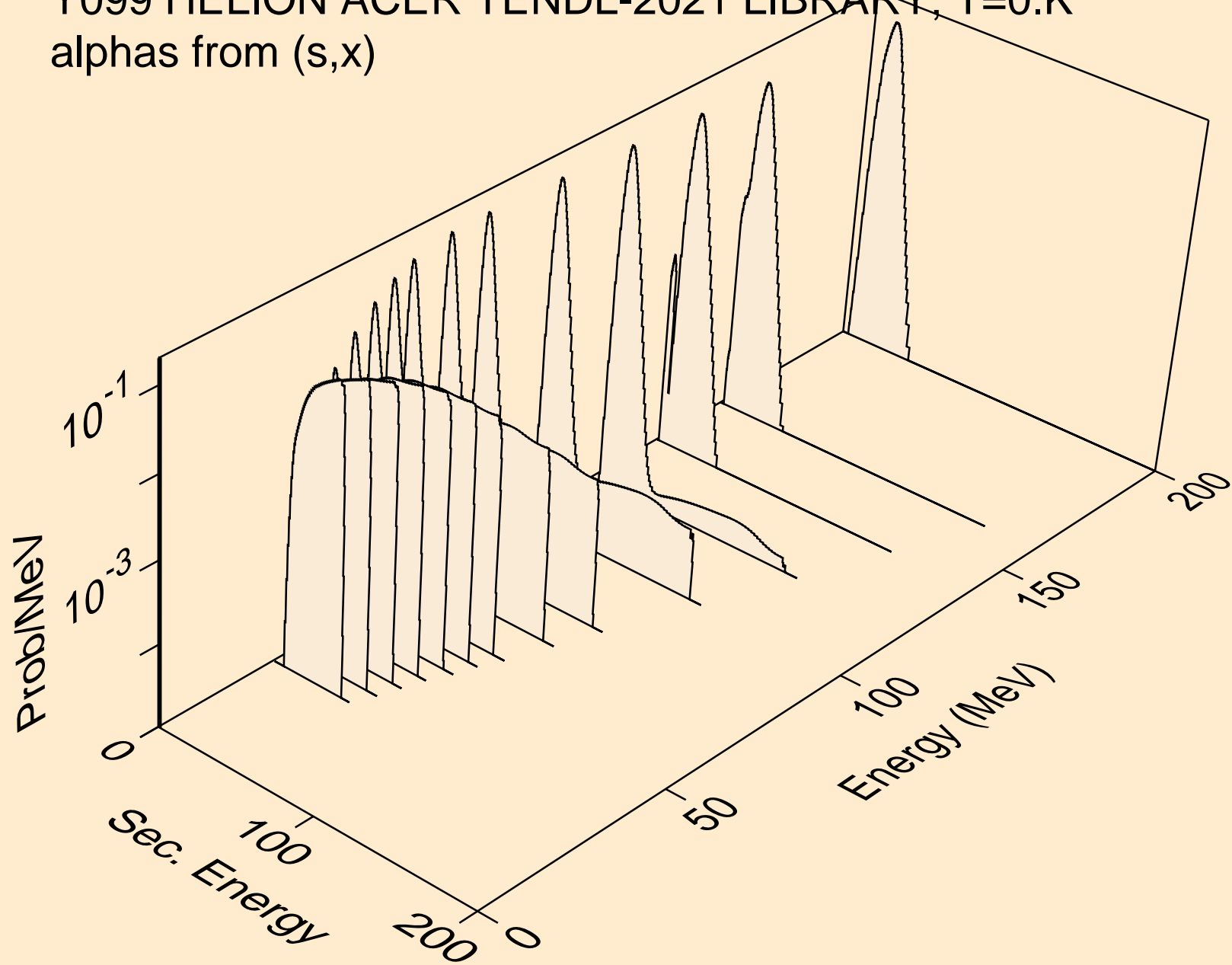
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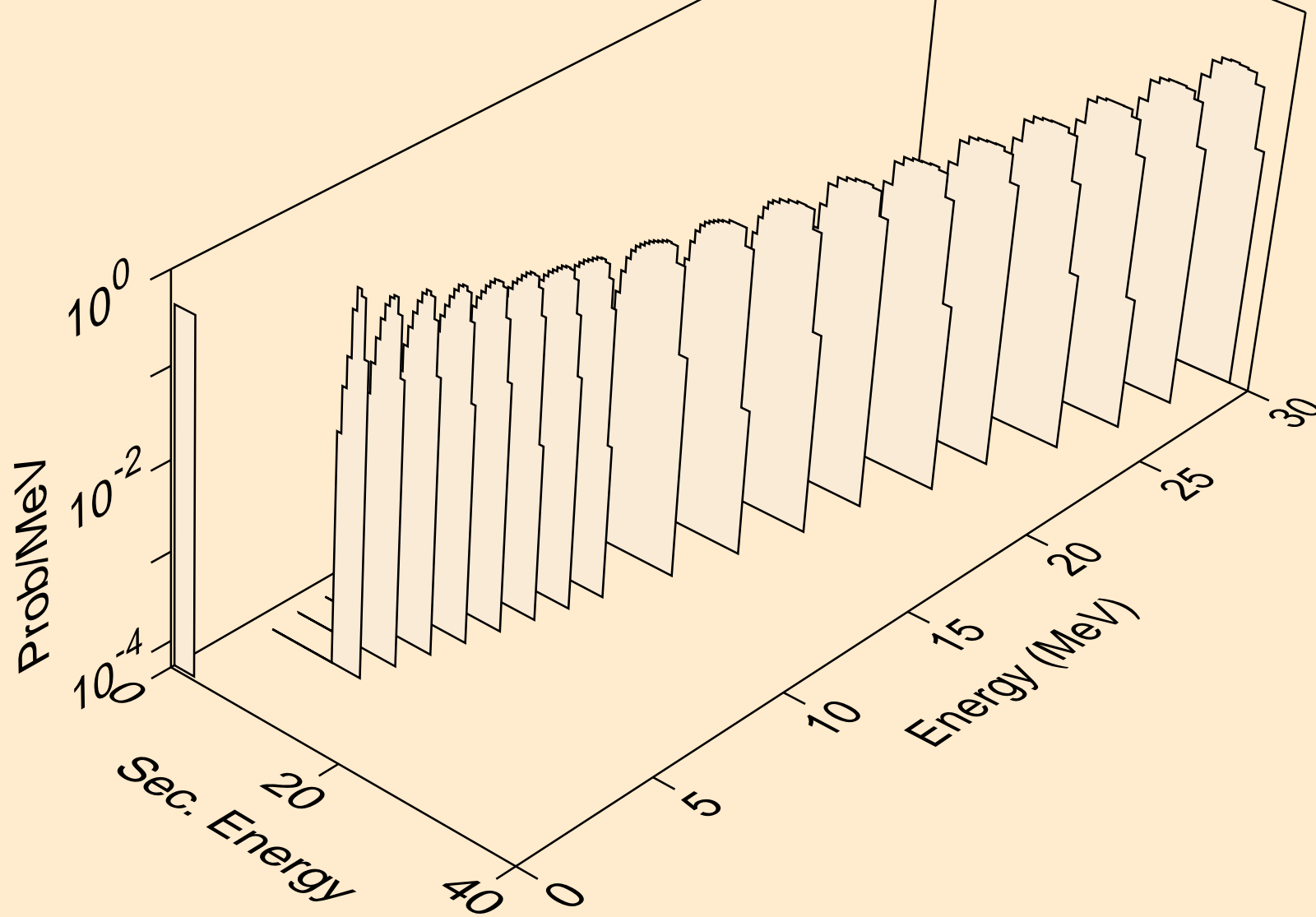
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tritons from (s,pt)



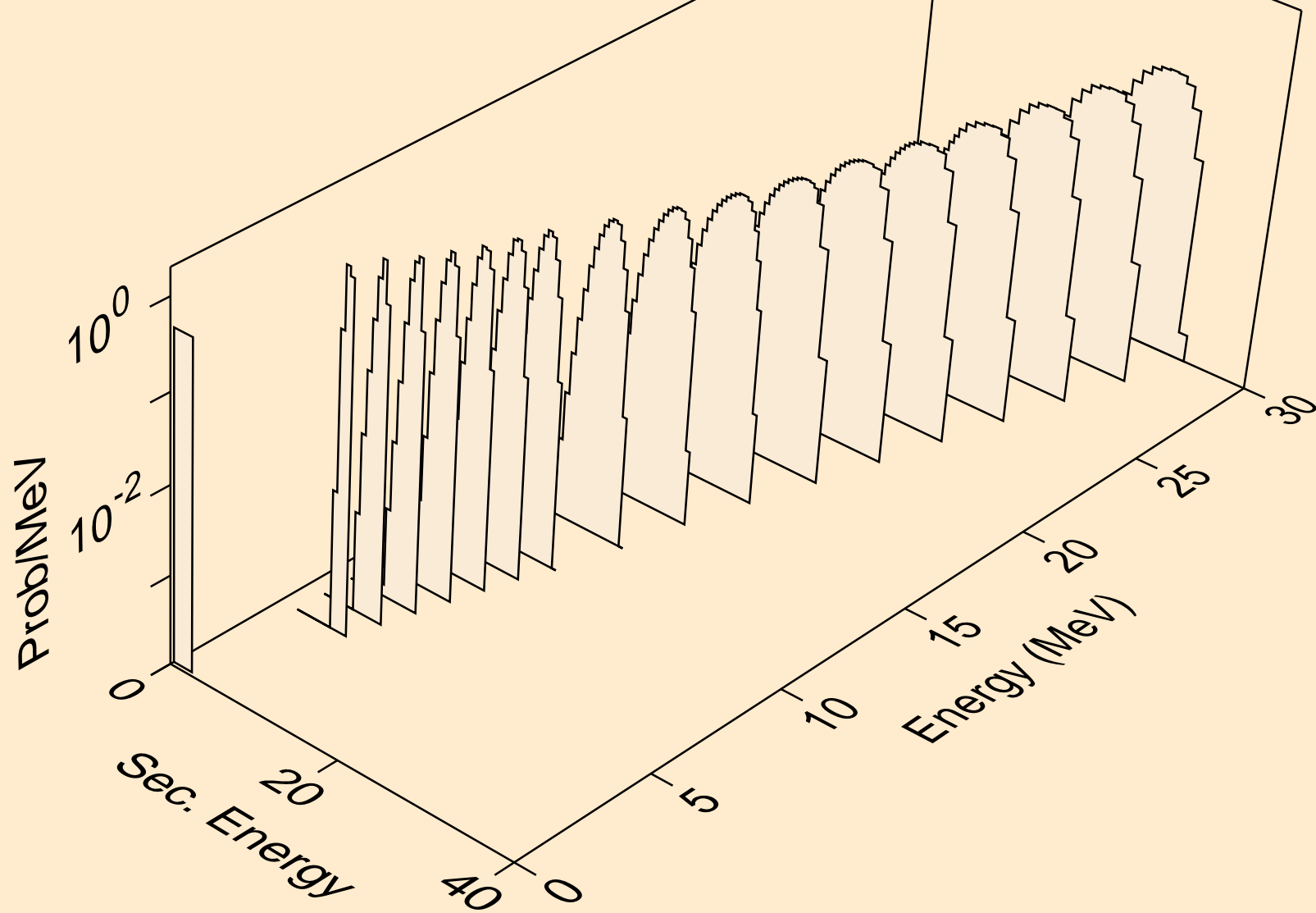
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alphas from (s,x)



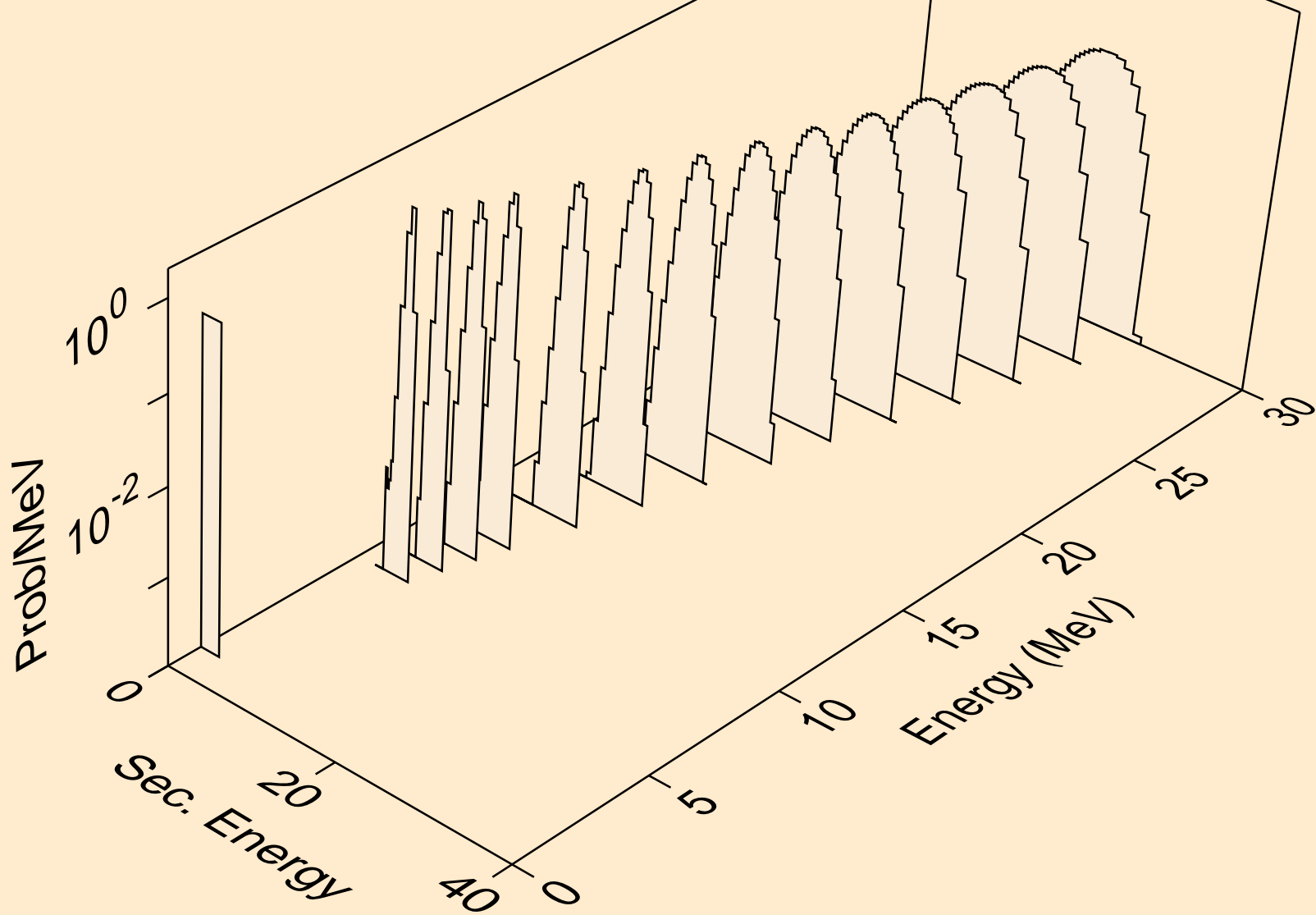
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alphas from (s,n\*)a



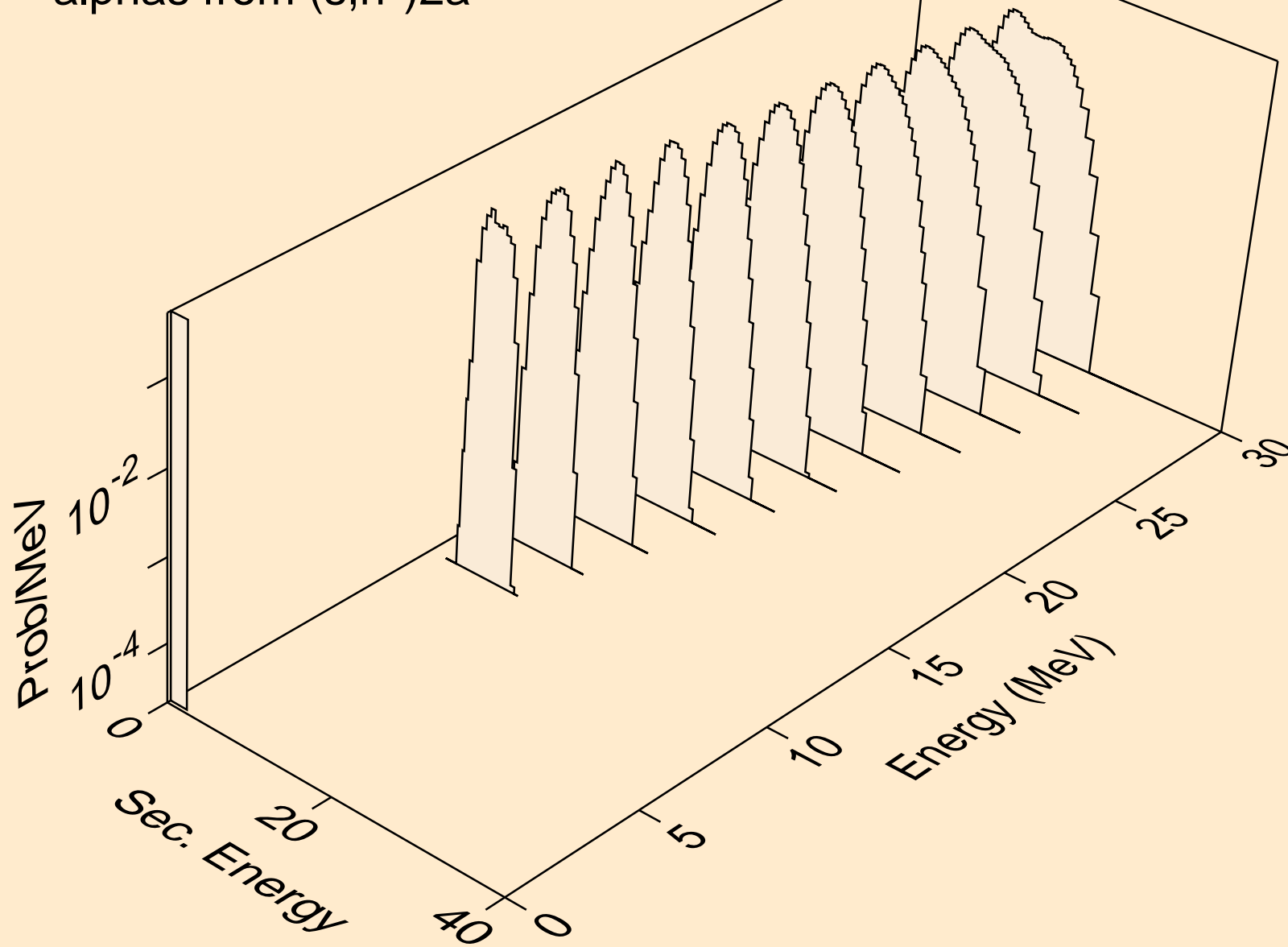
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



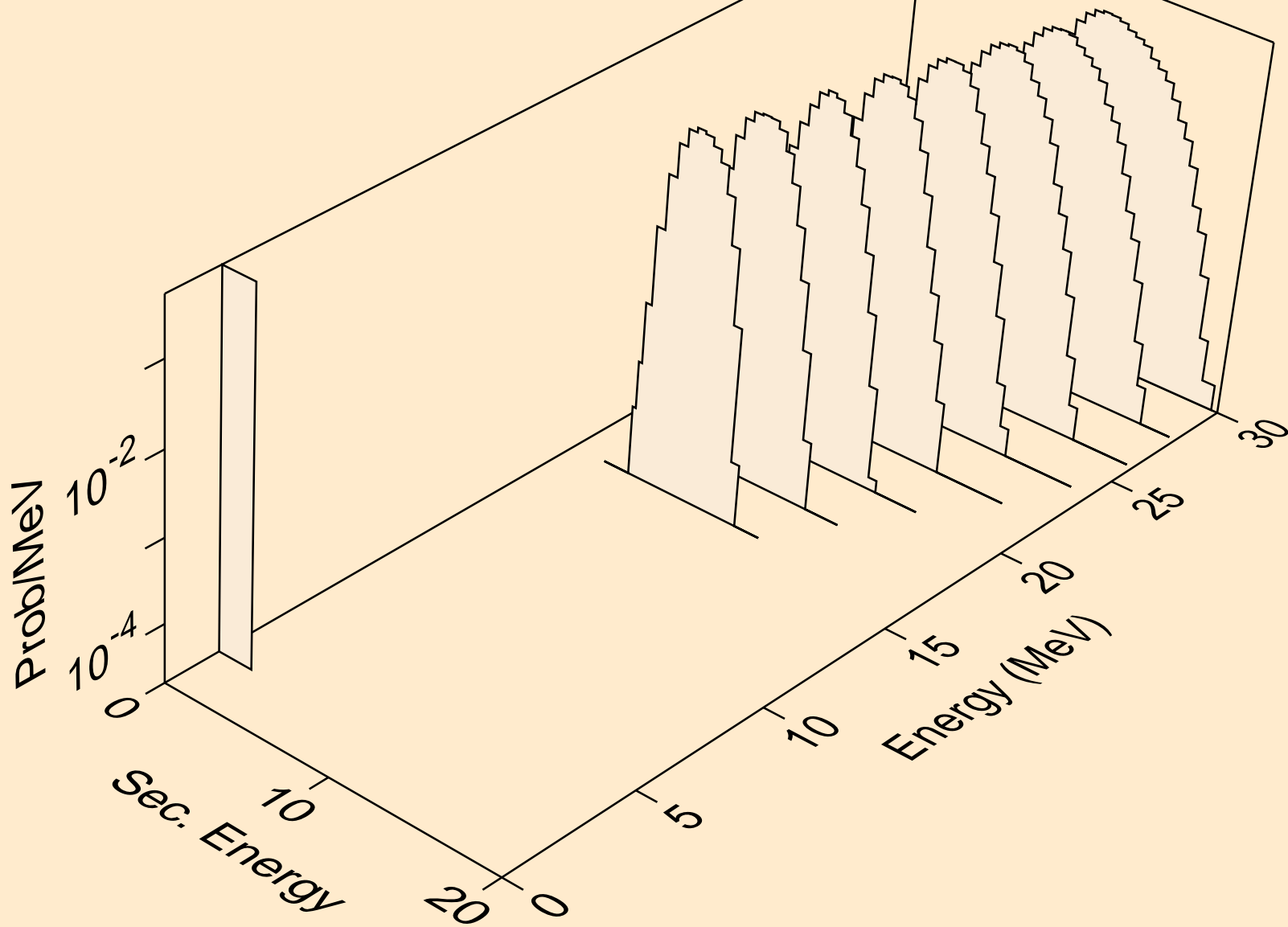
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

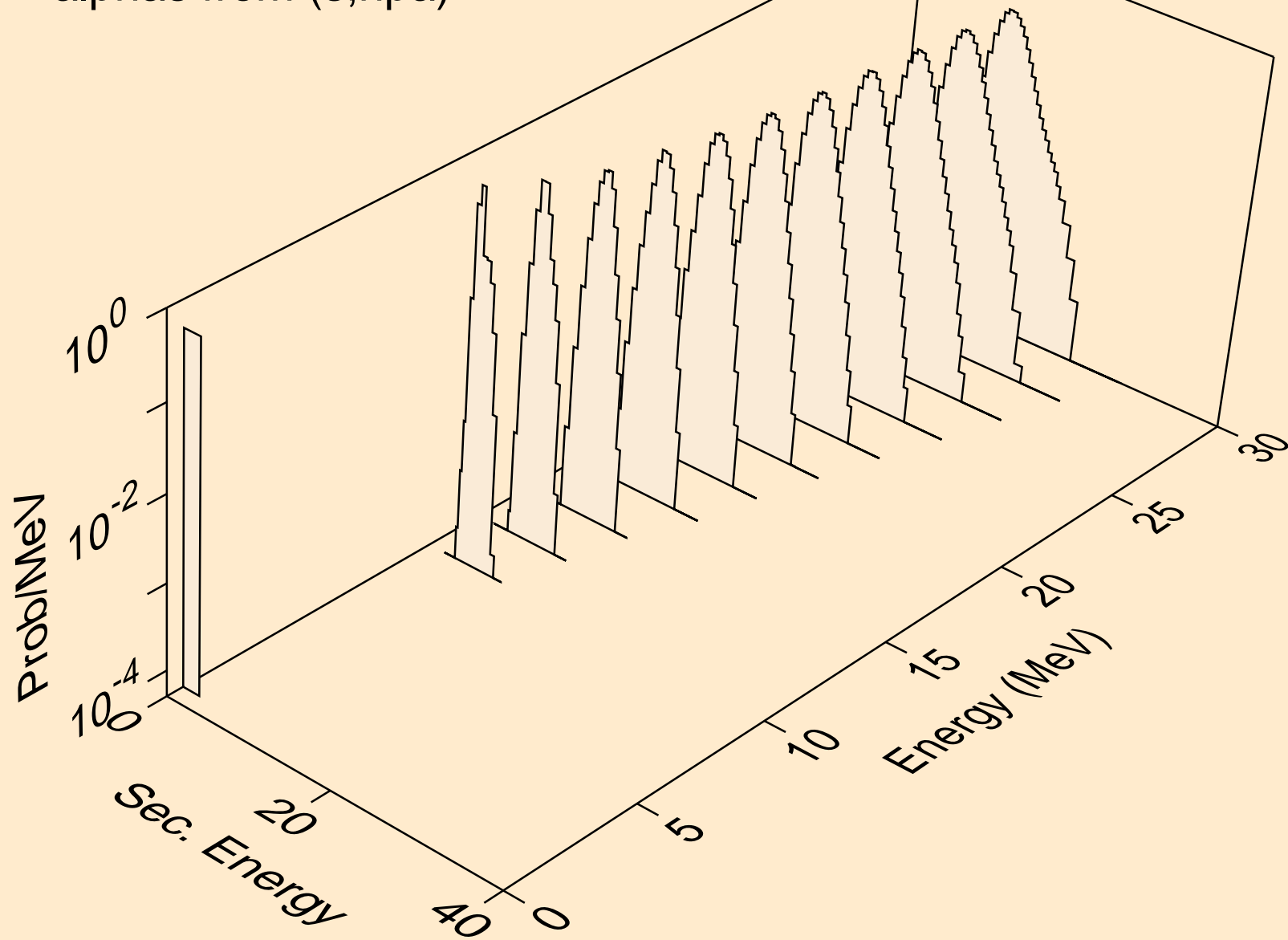


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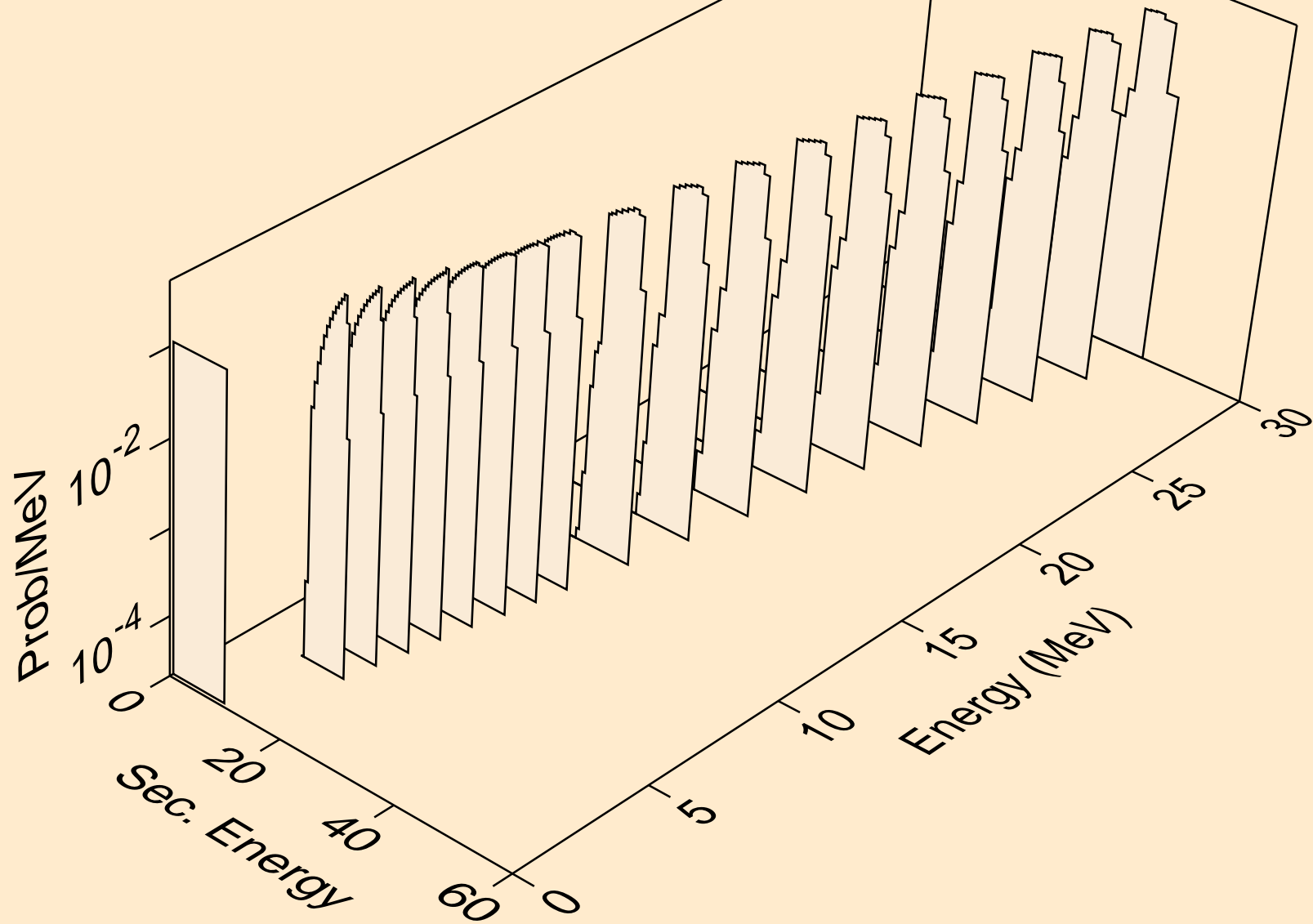




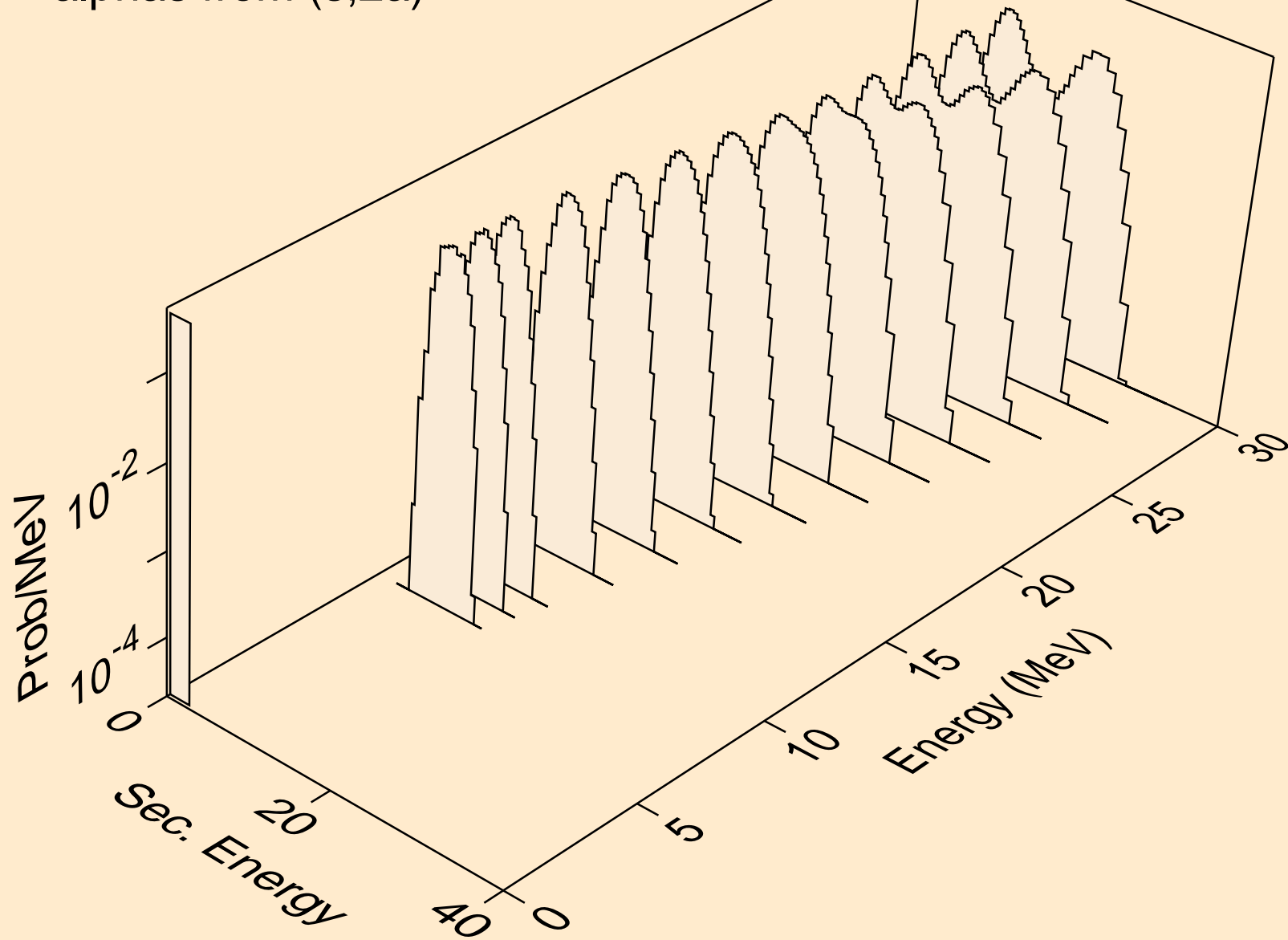
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alphas from (s,npa)



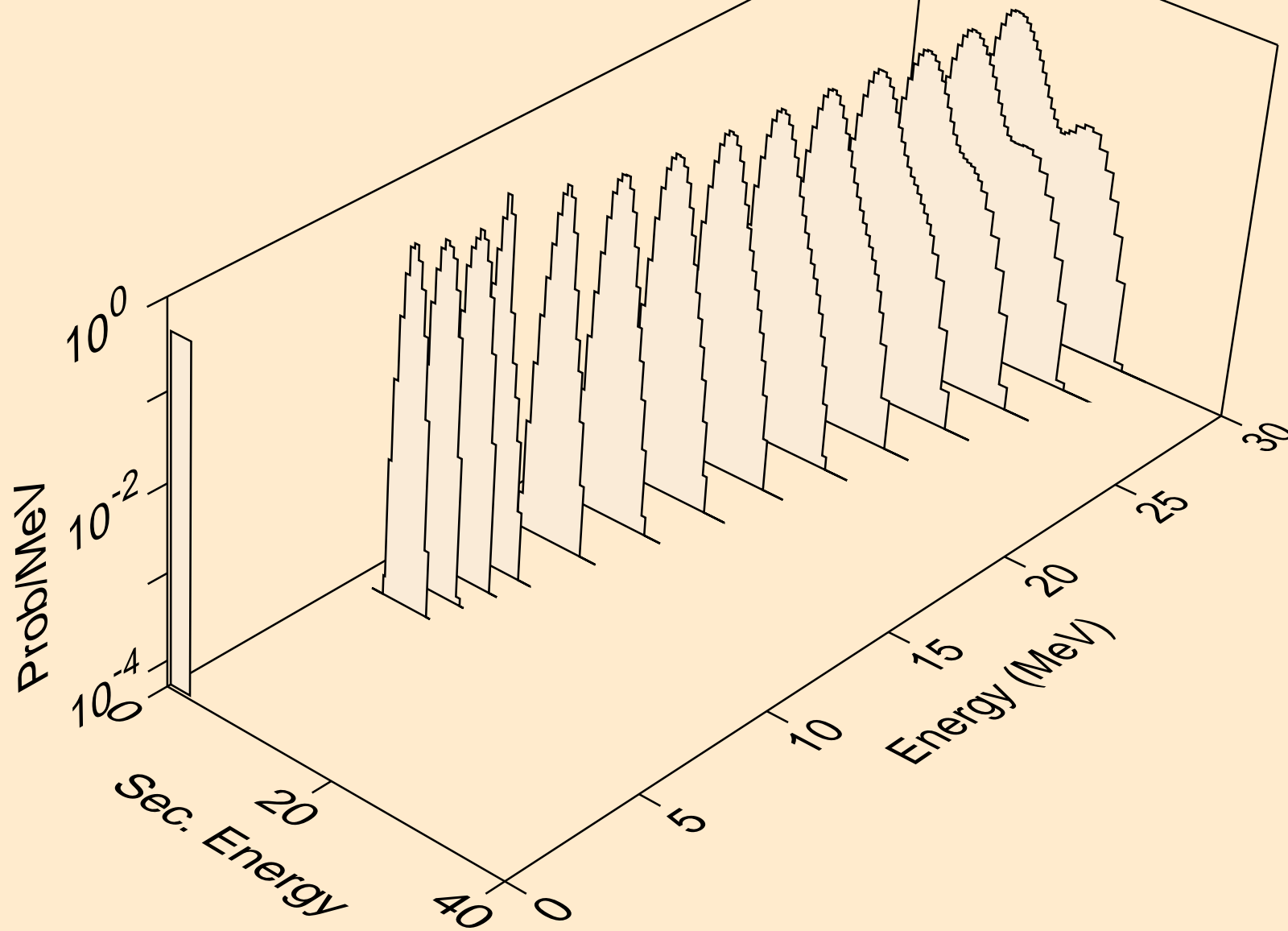
Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



Y099 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

