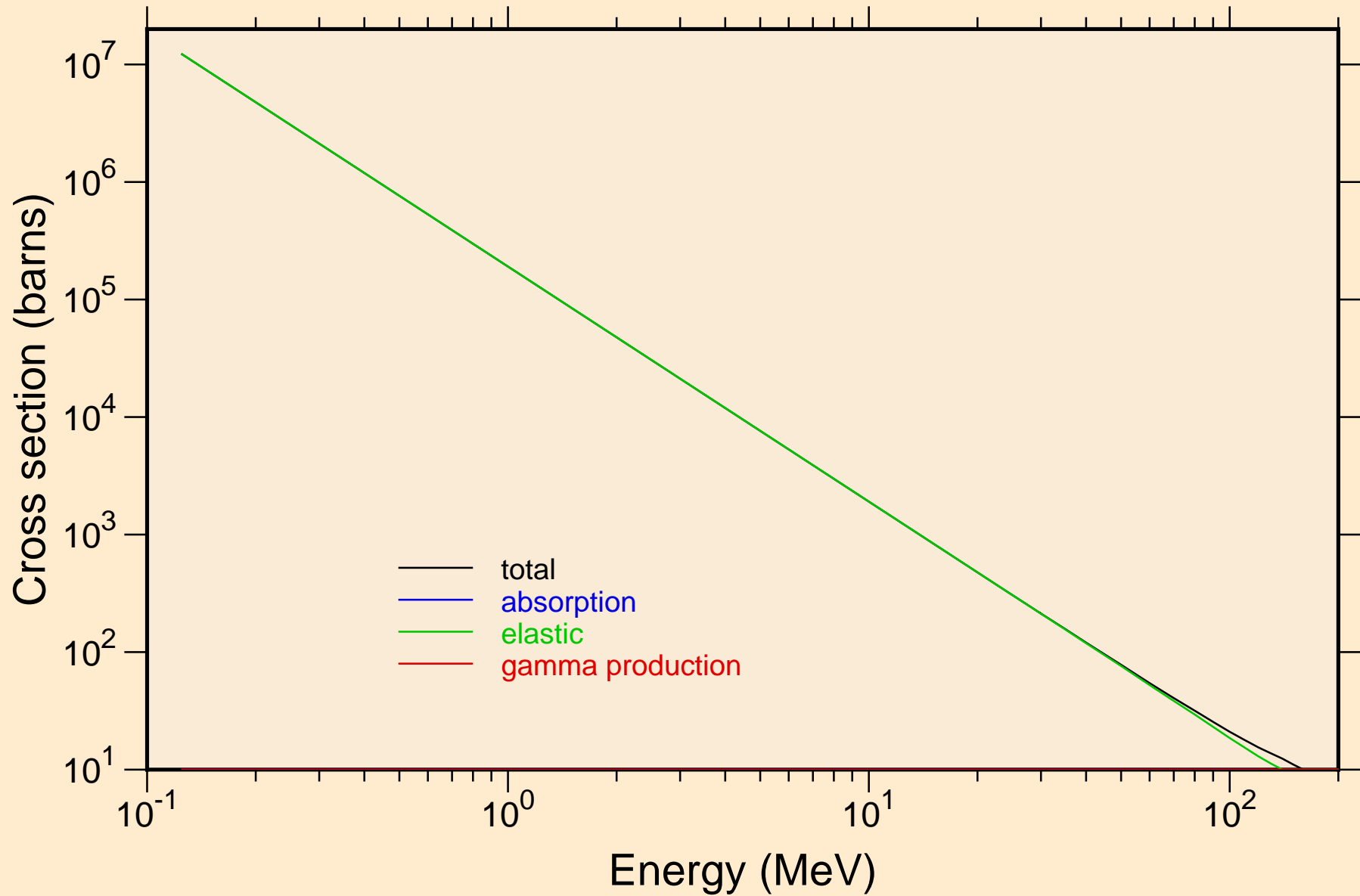
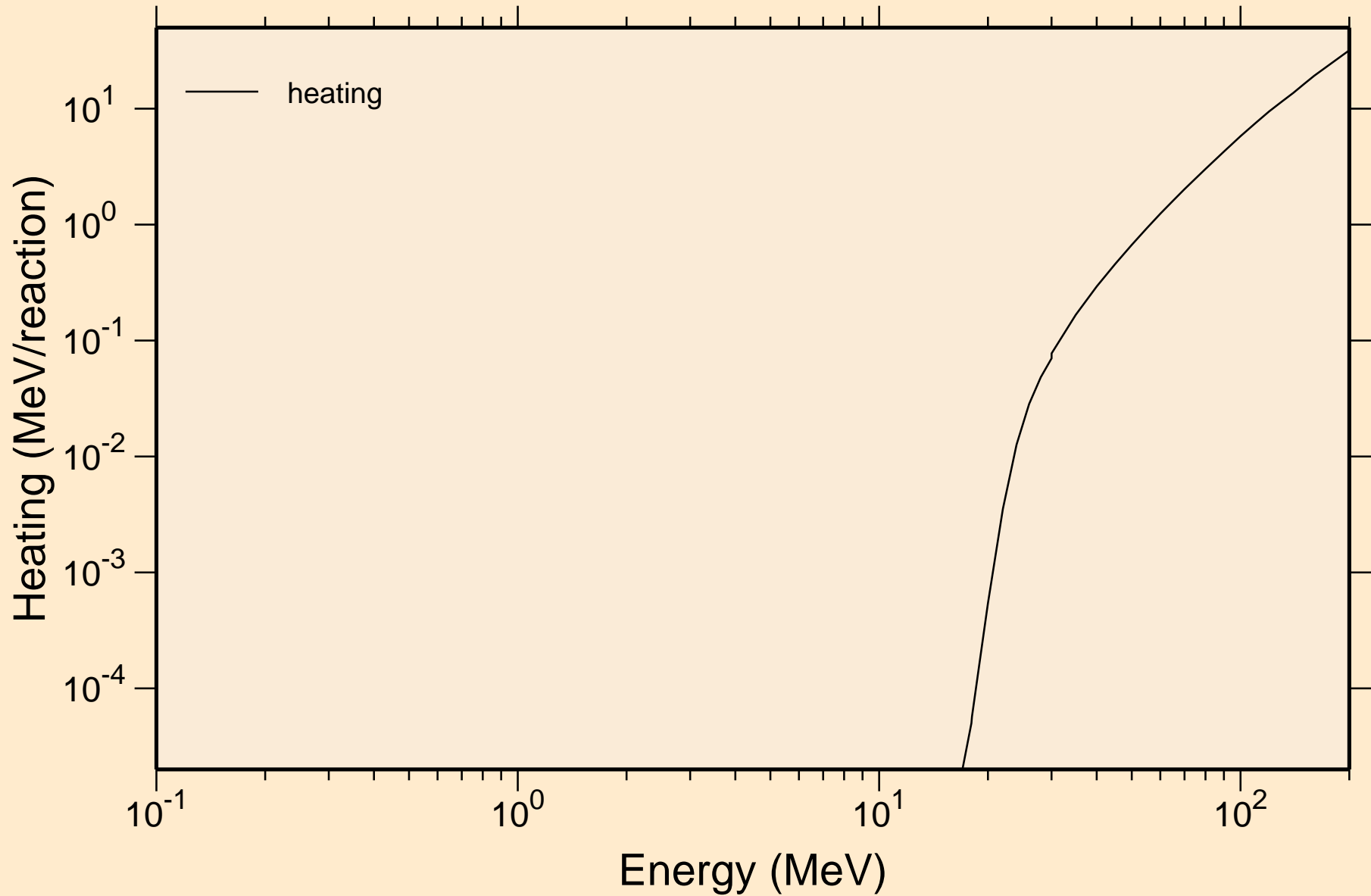


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



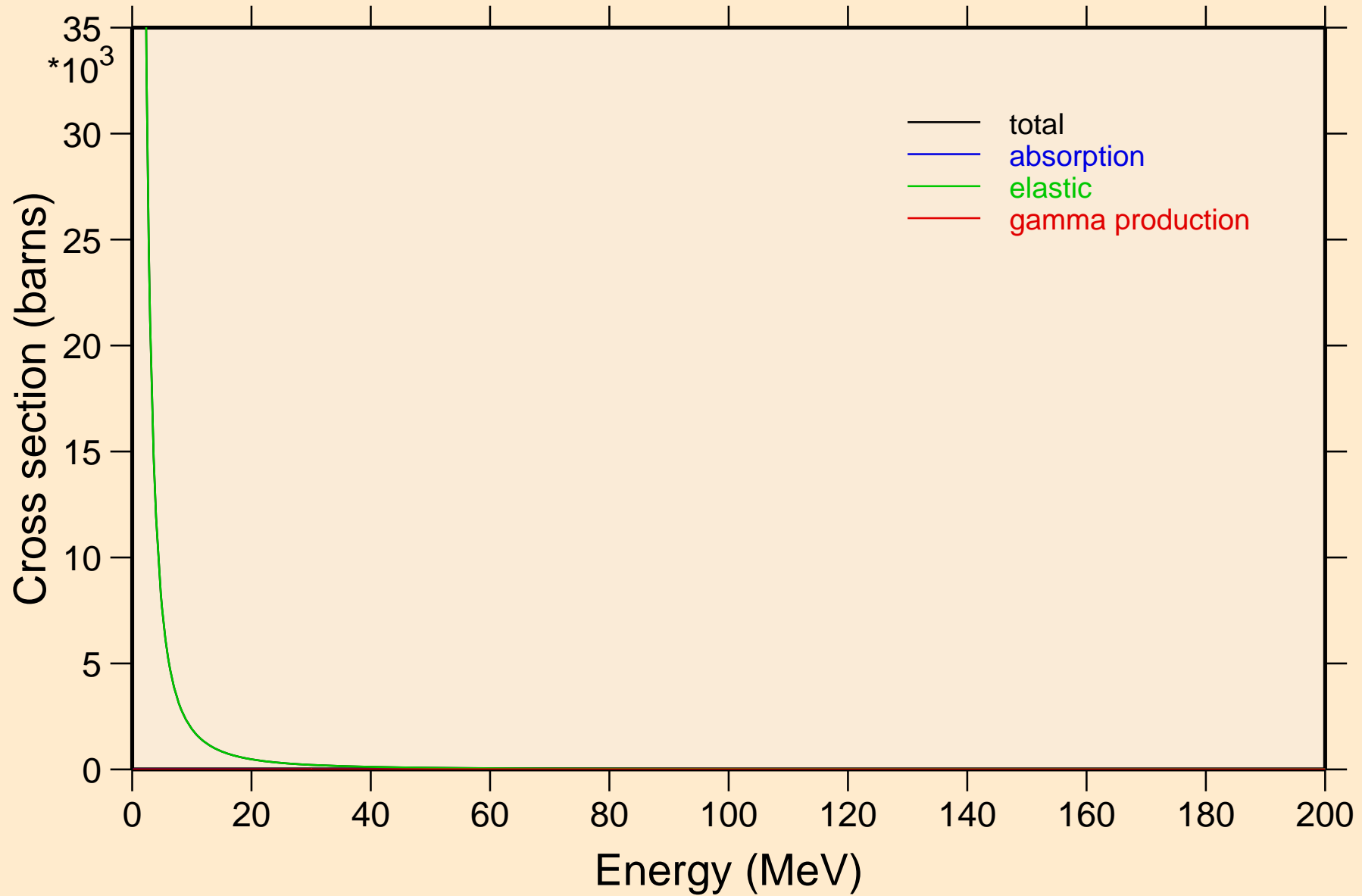
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



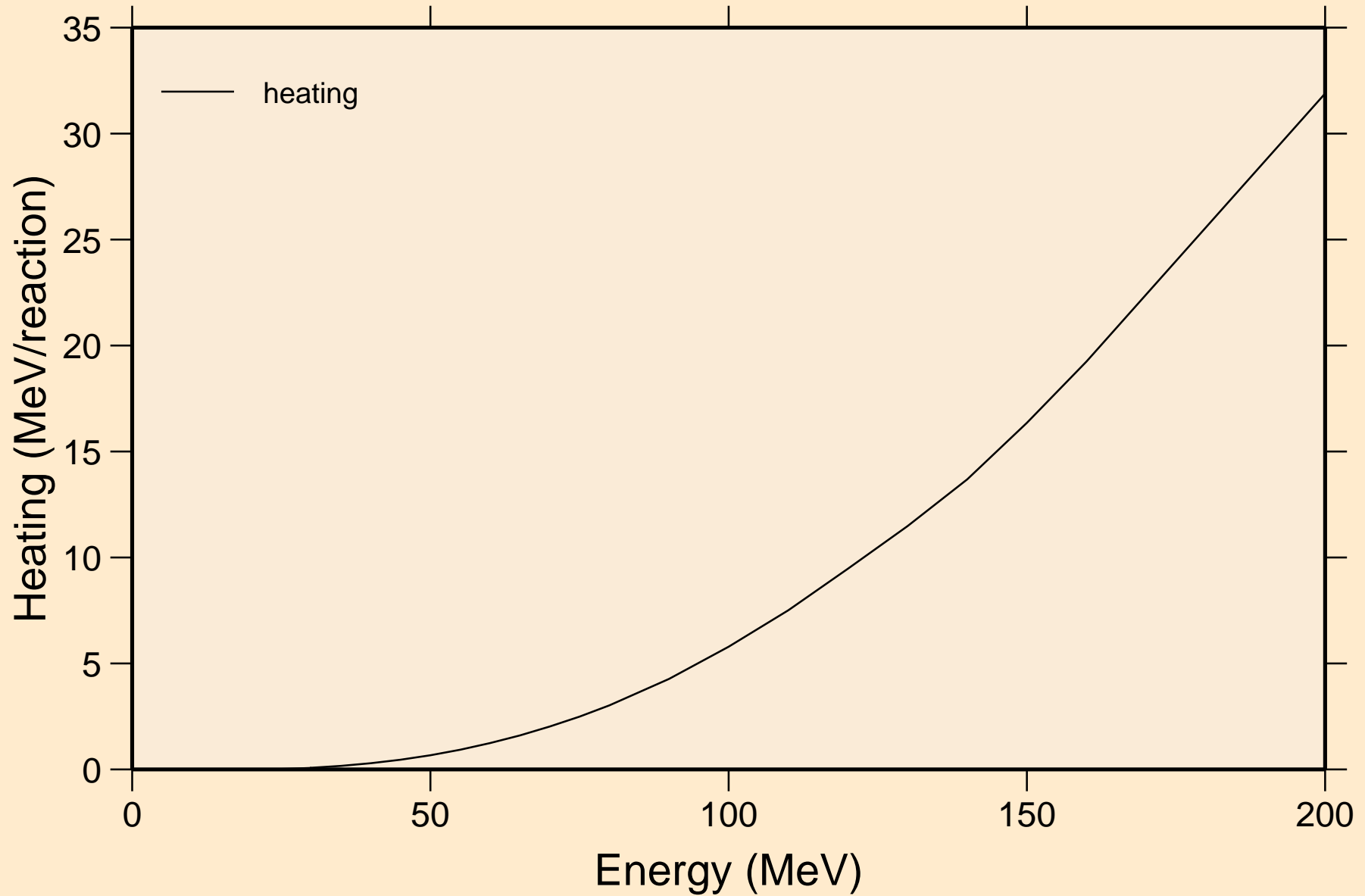
# FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

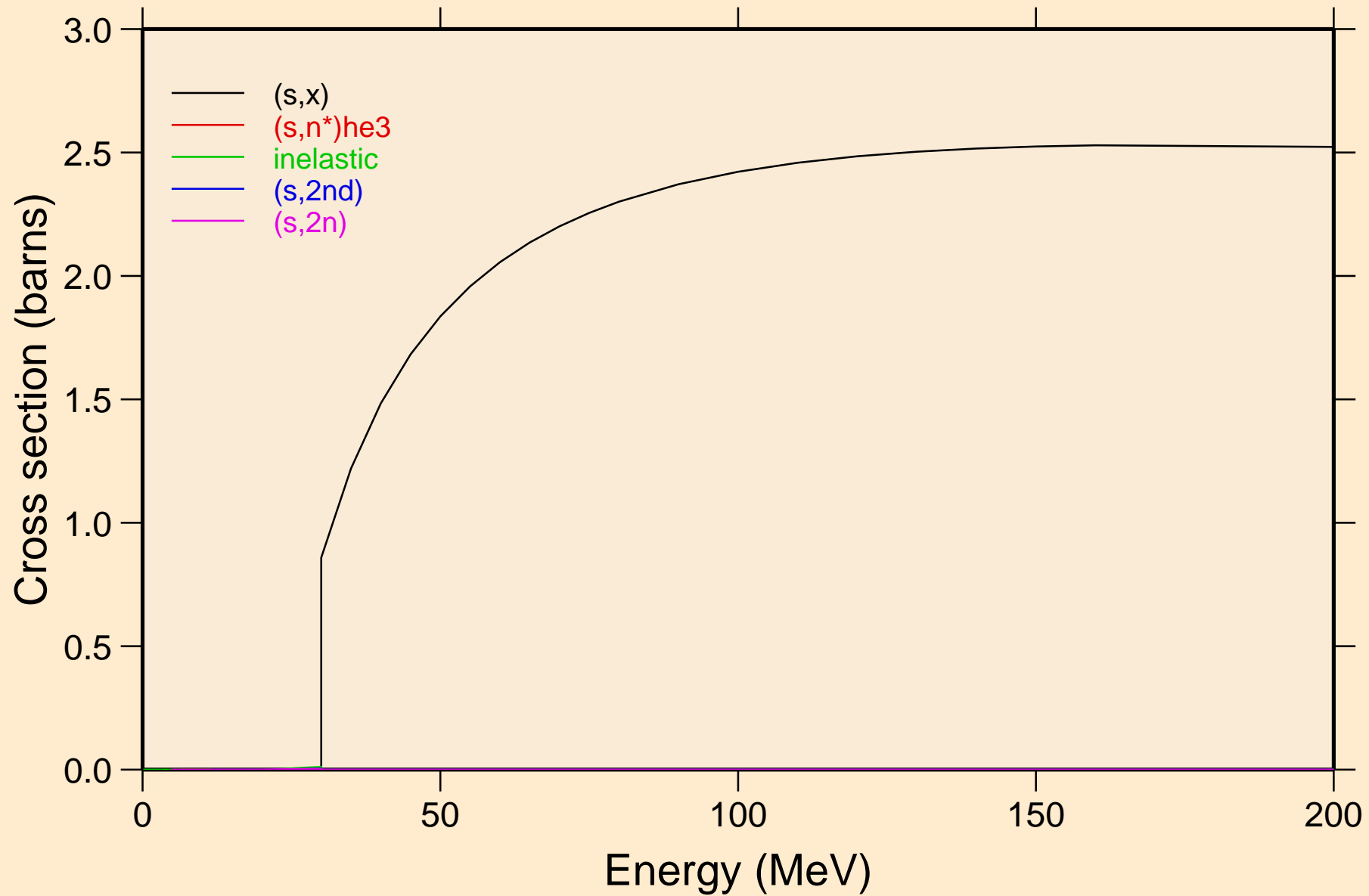


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K

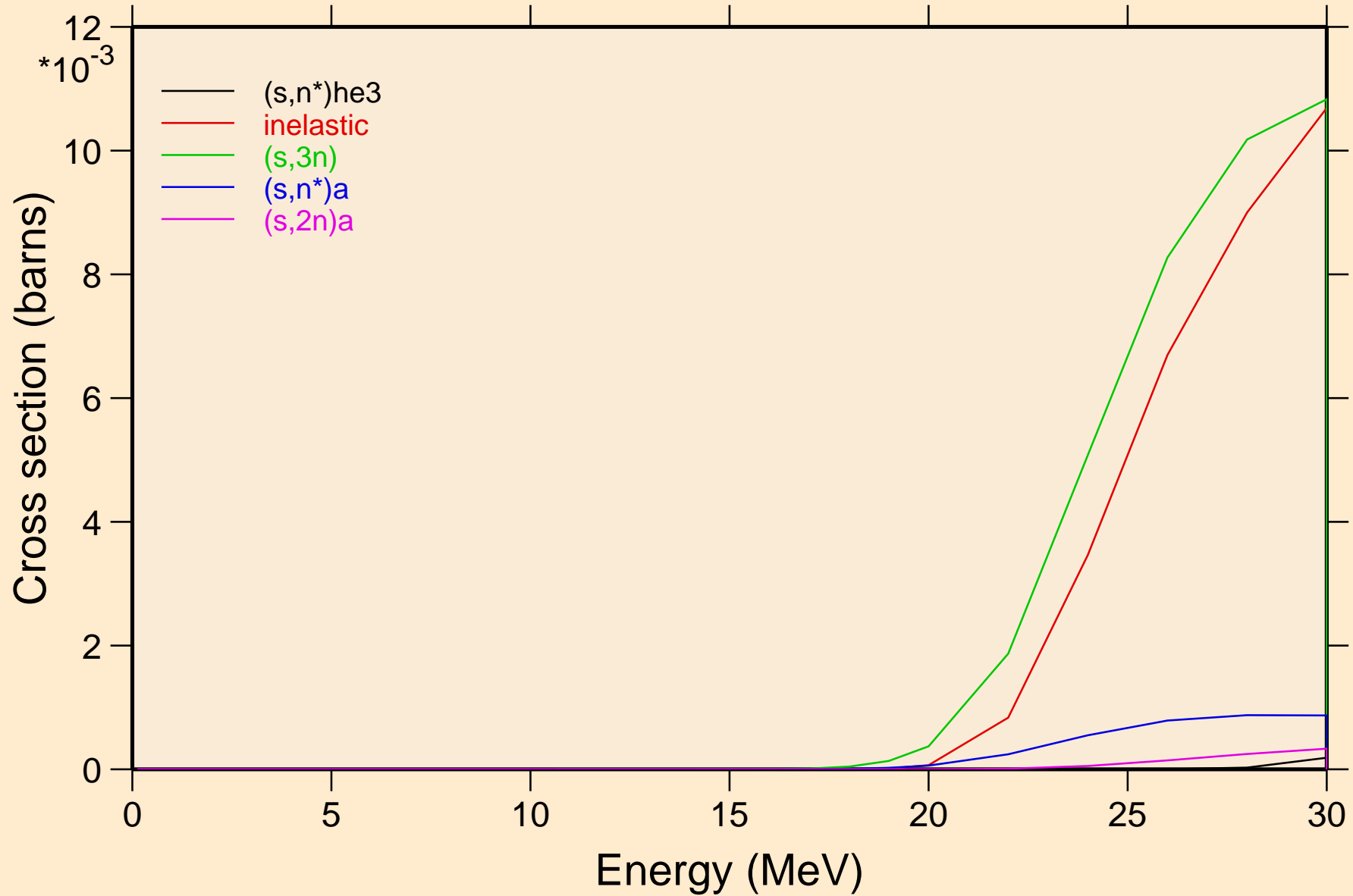
Heating



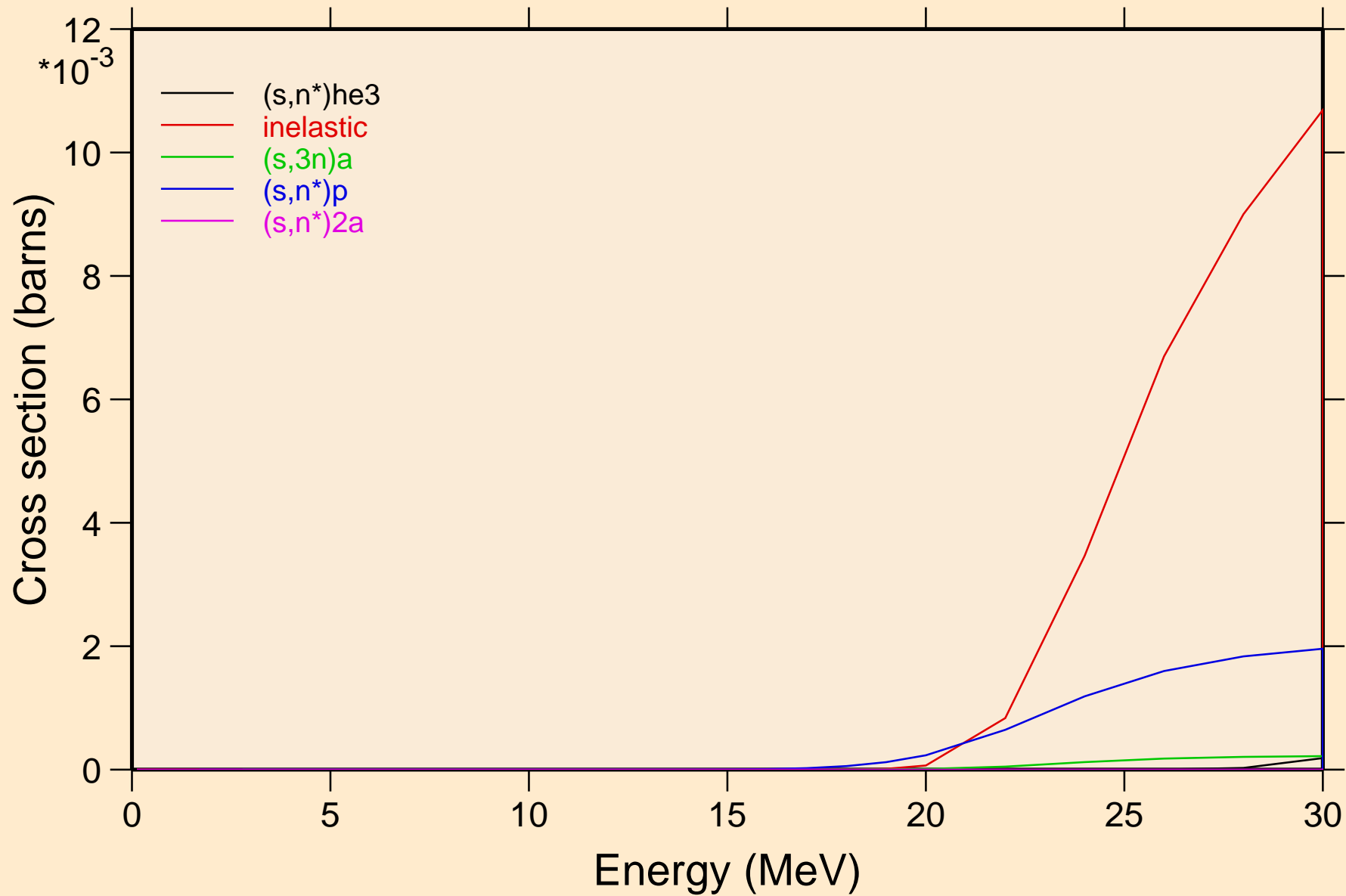
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Threshold reactions



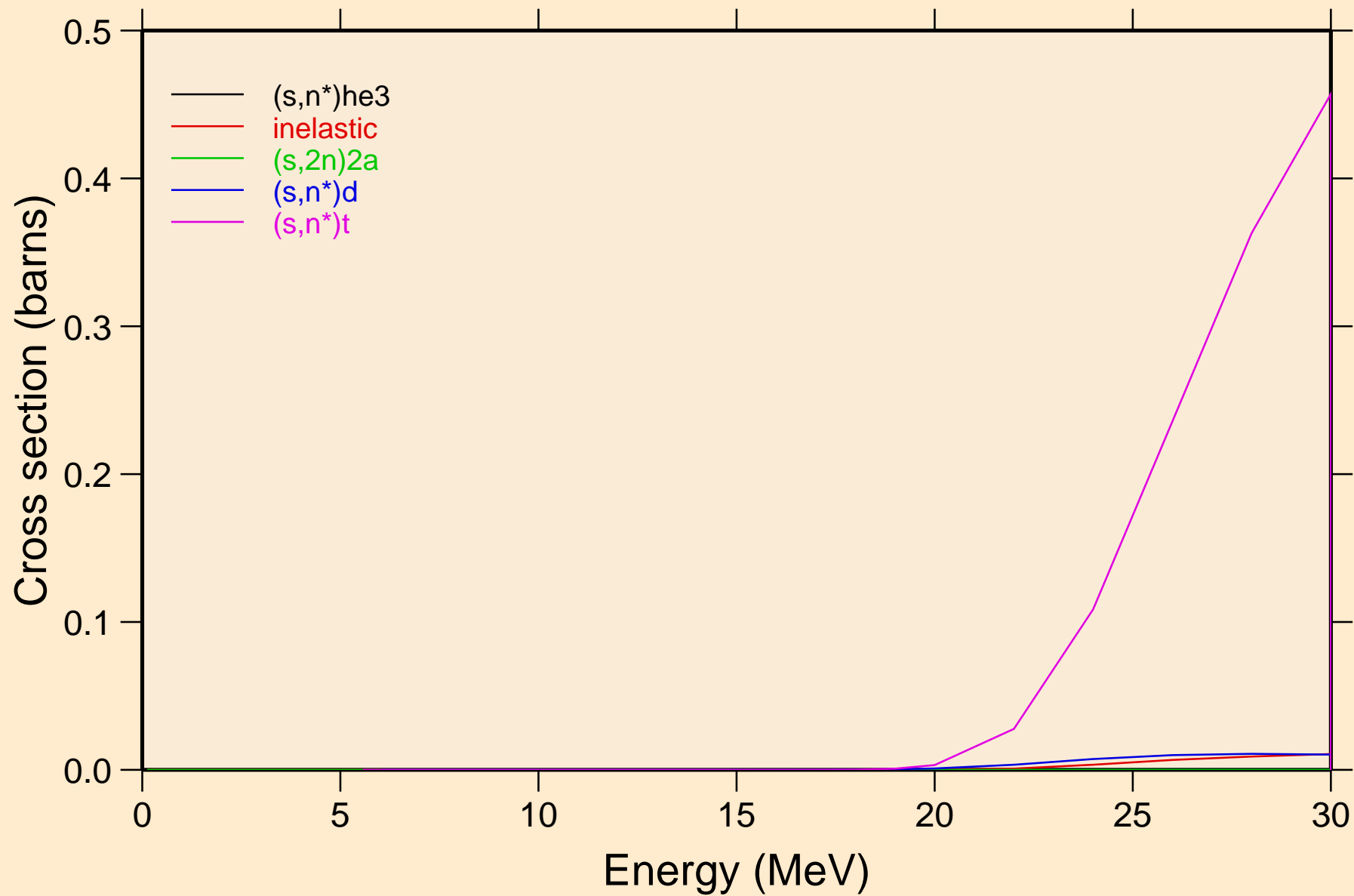
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

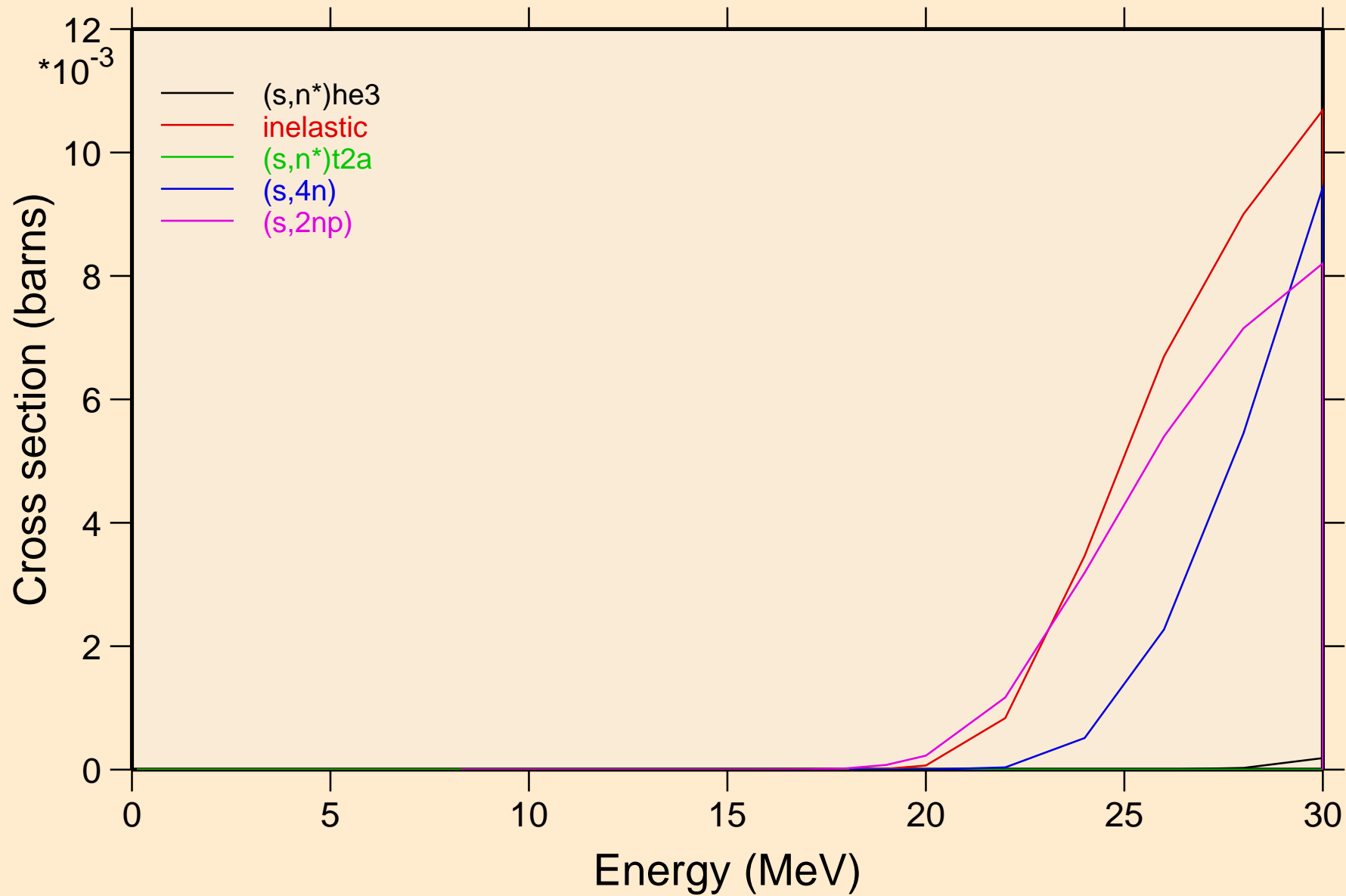


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

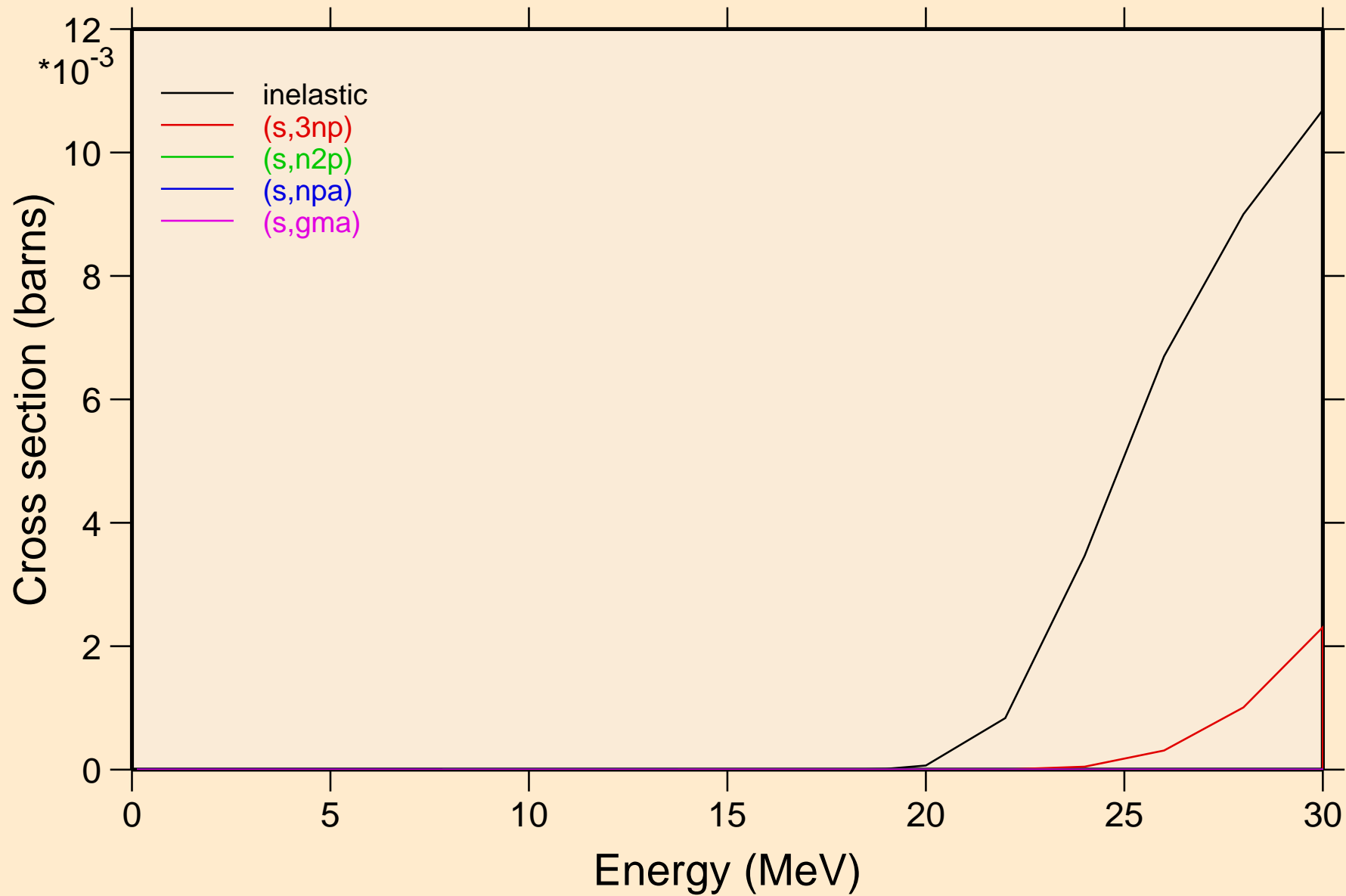




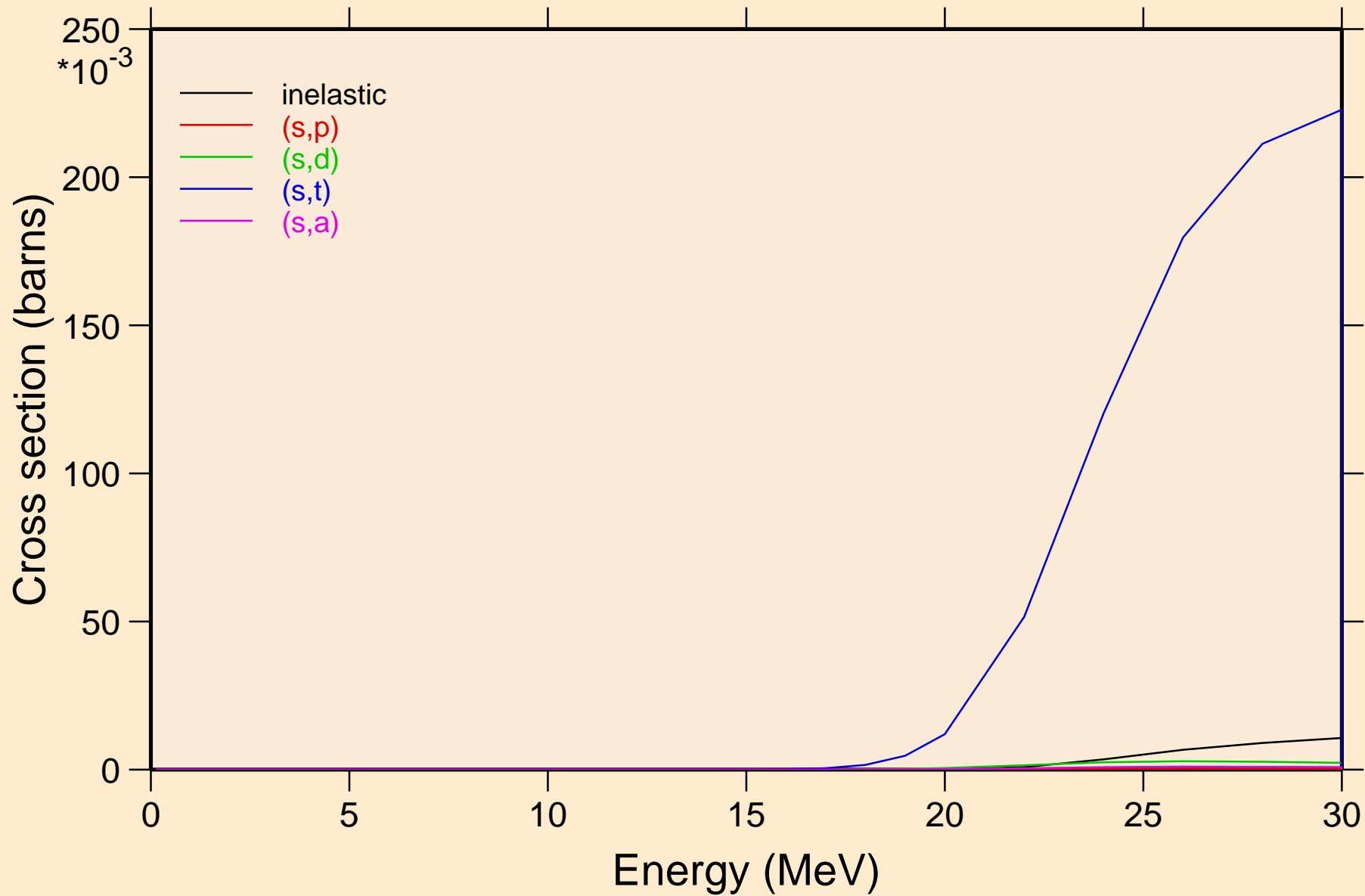
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



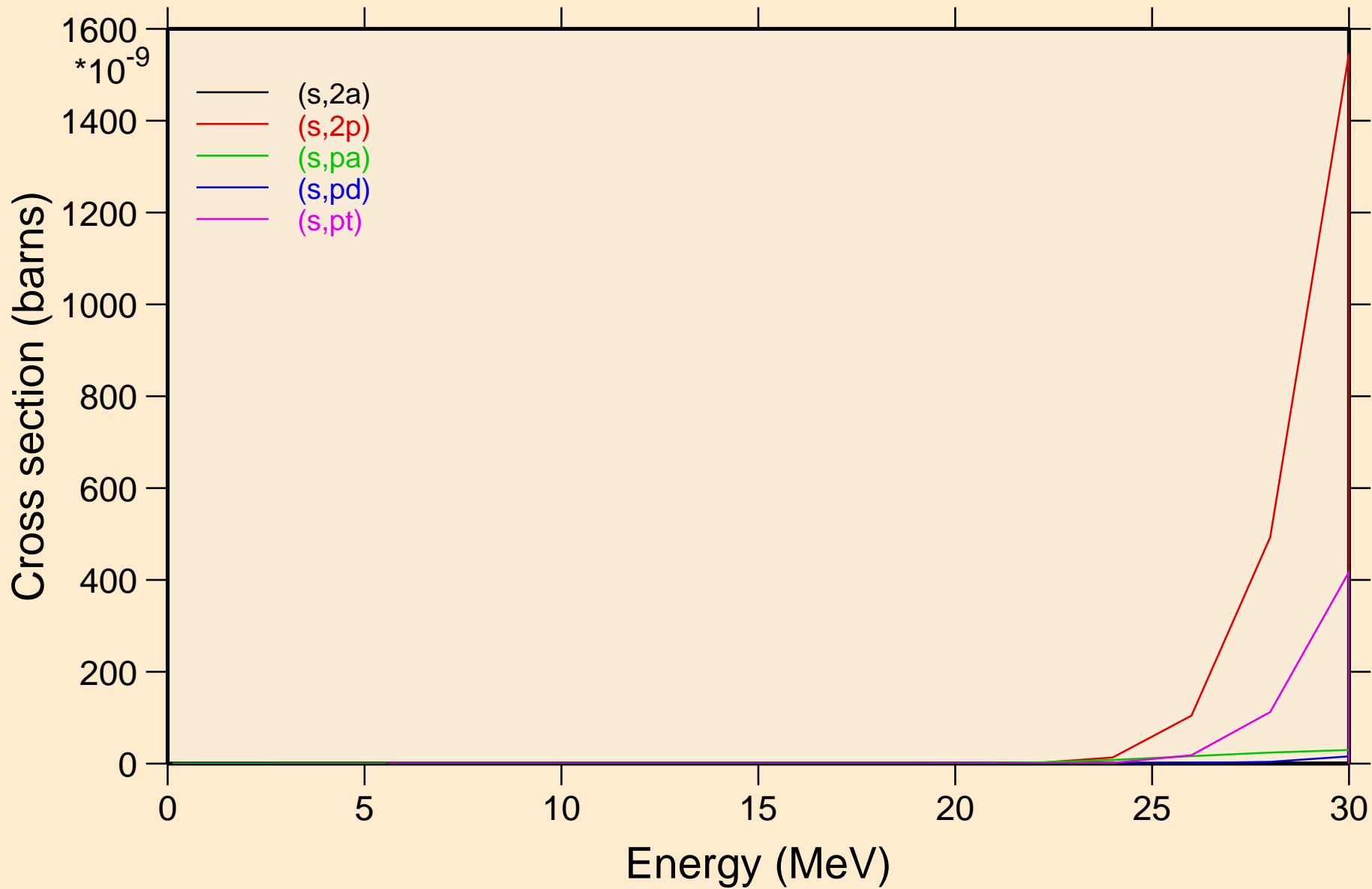
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Threshold reactions



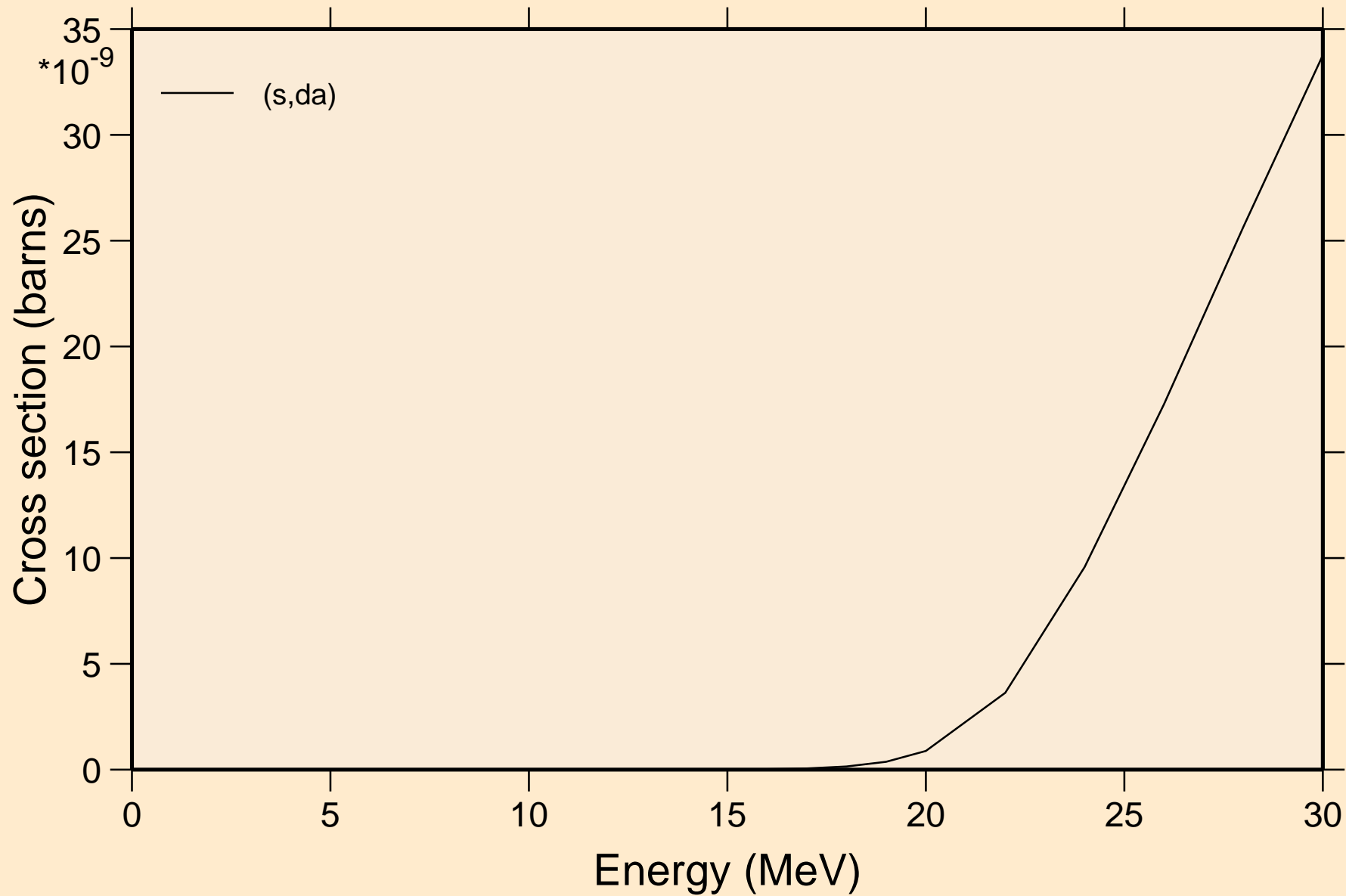
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Threshold reactions



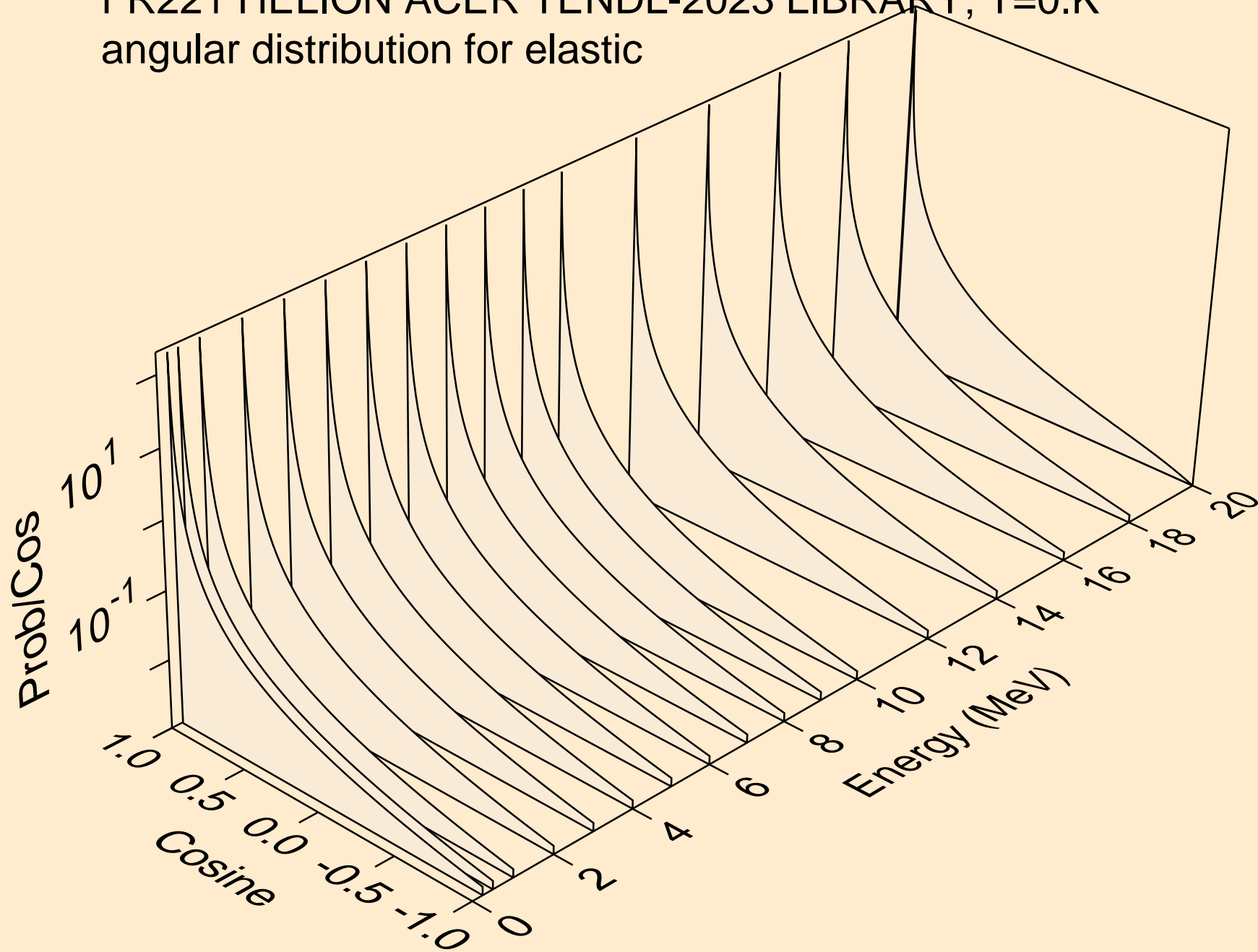
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Threshold reactions



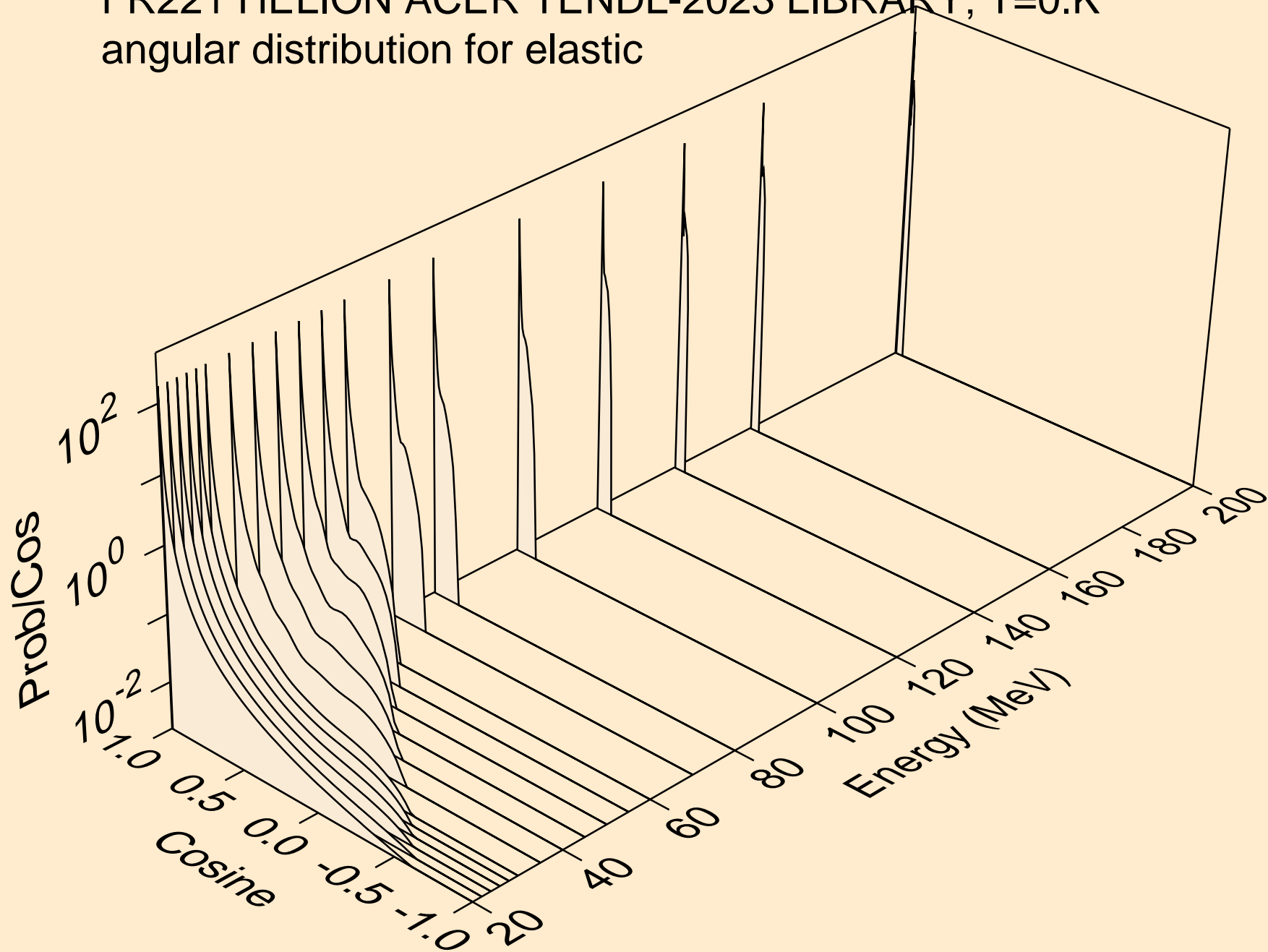
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



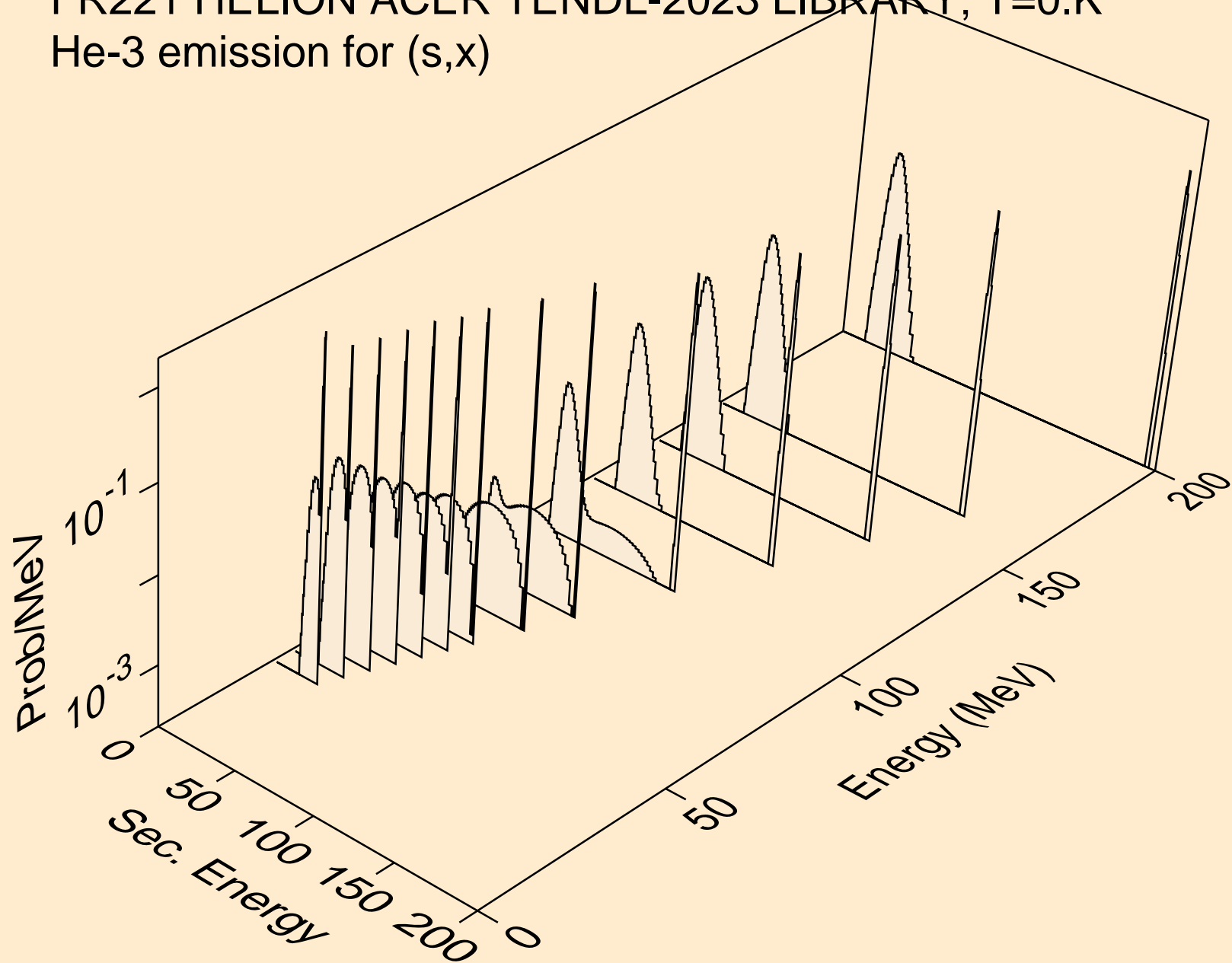
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

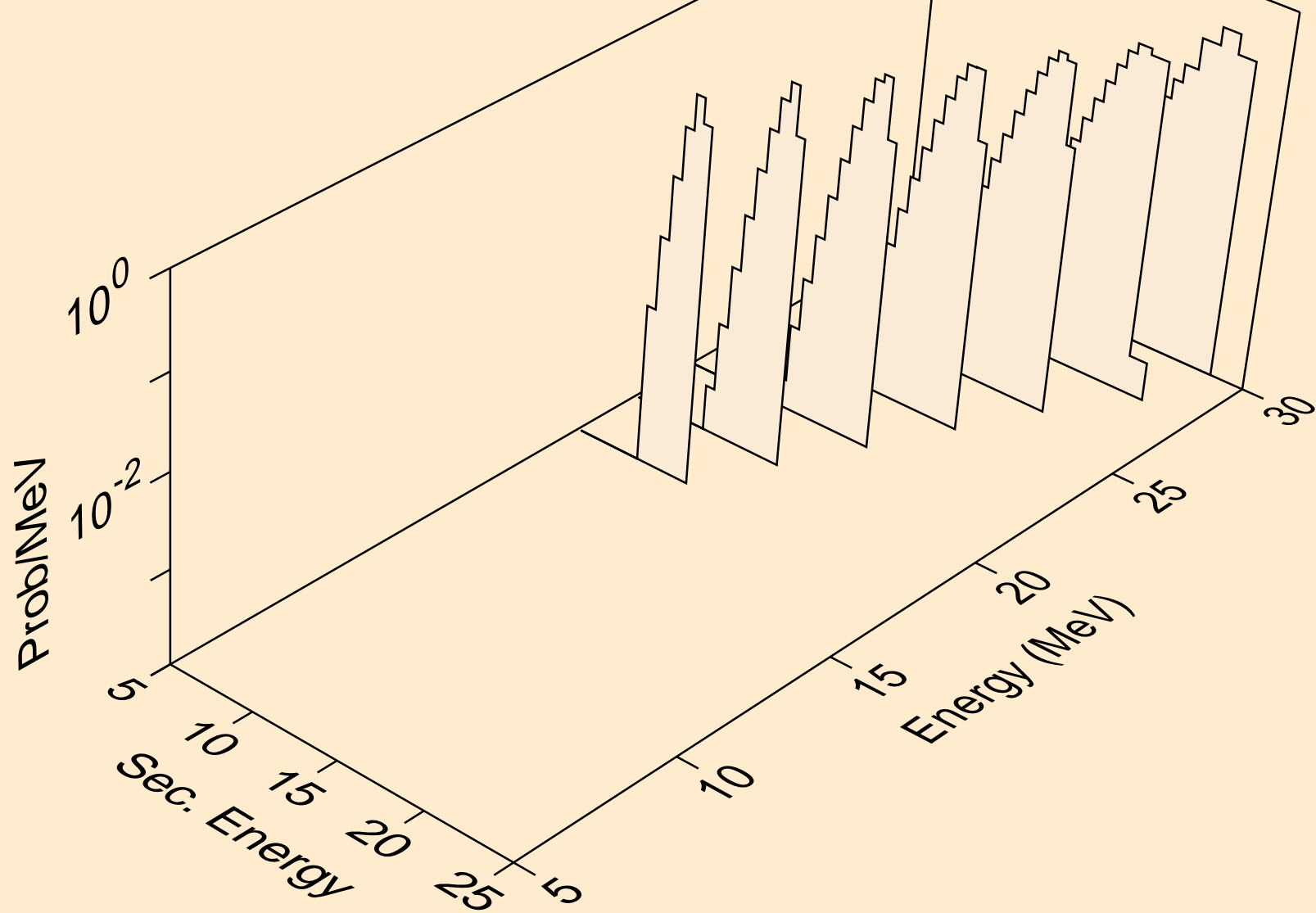


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

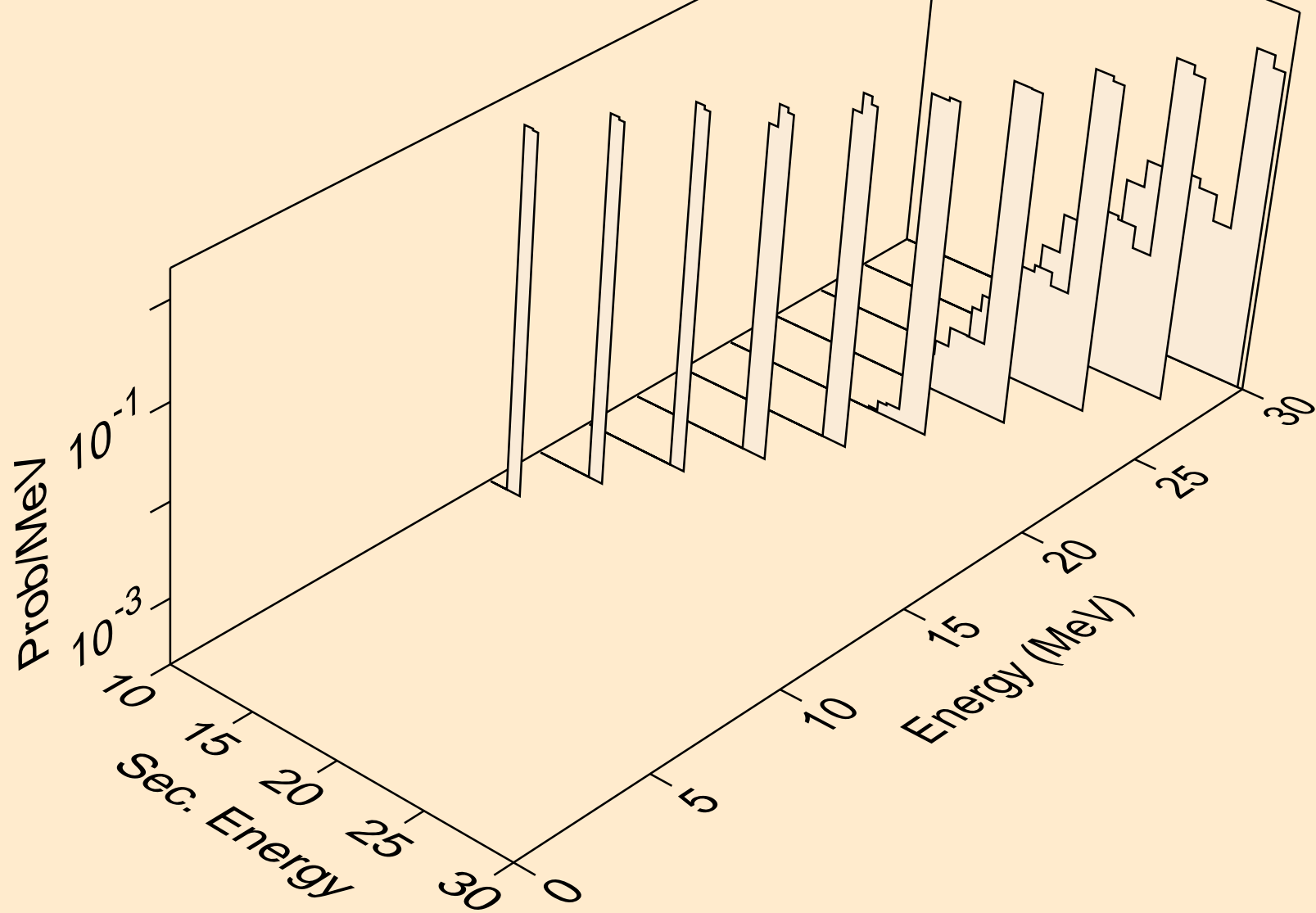




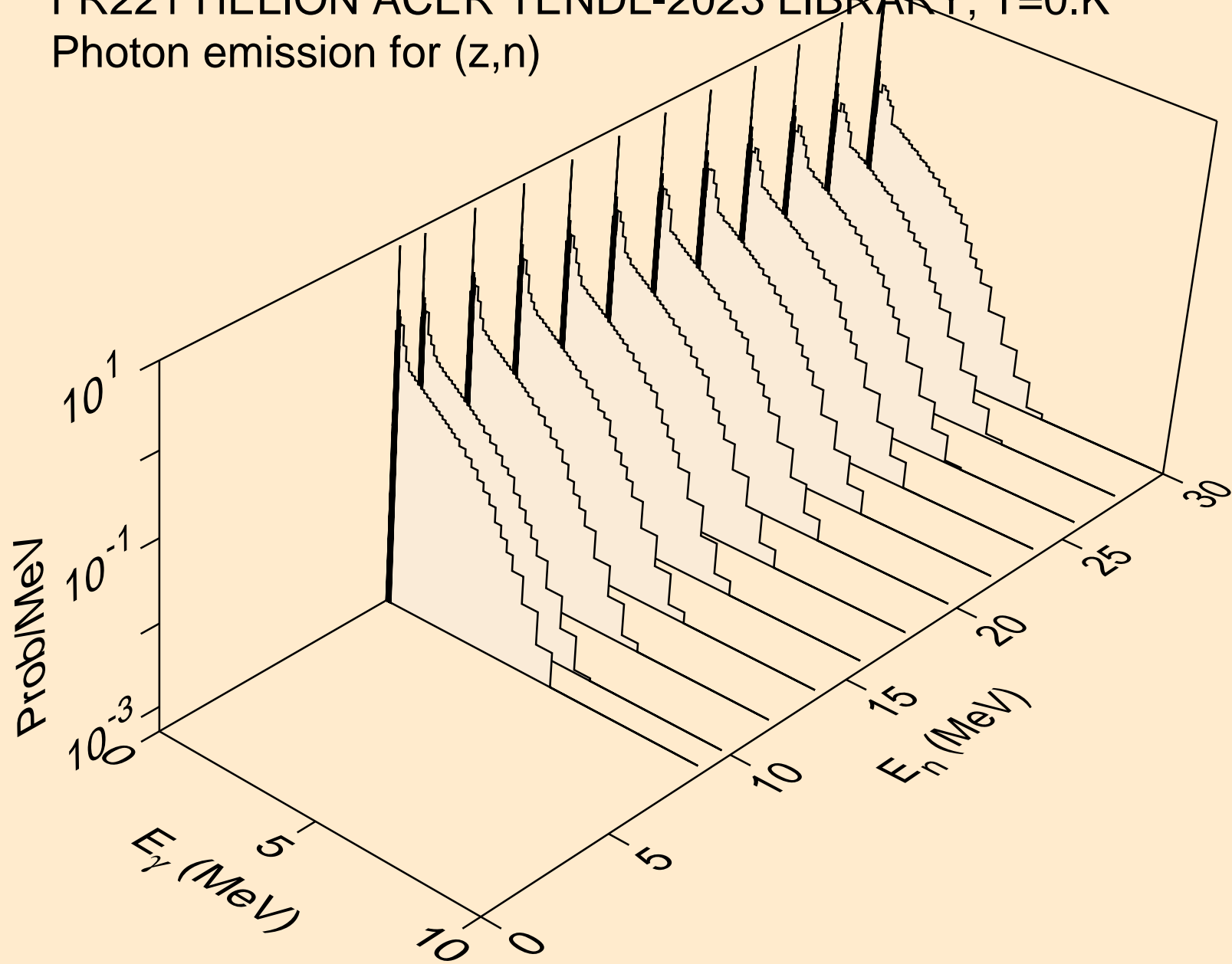
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



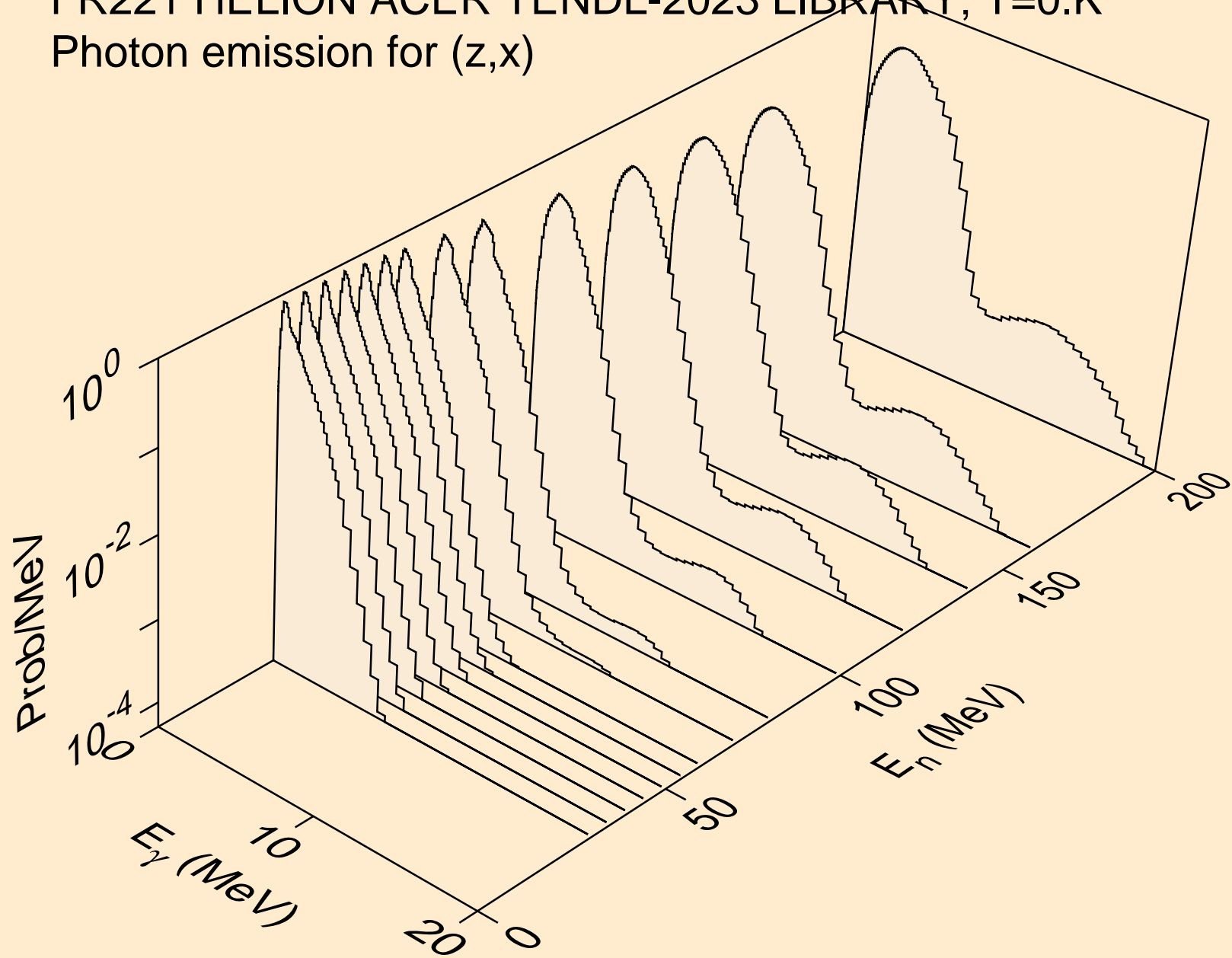
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



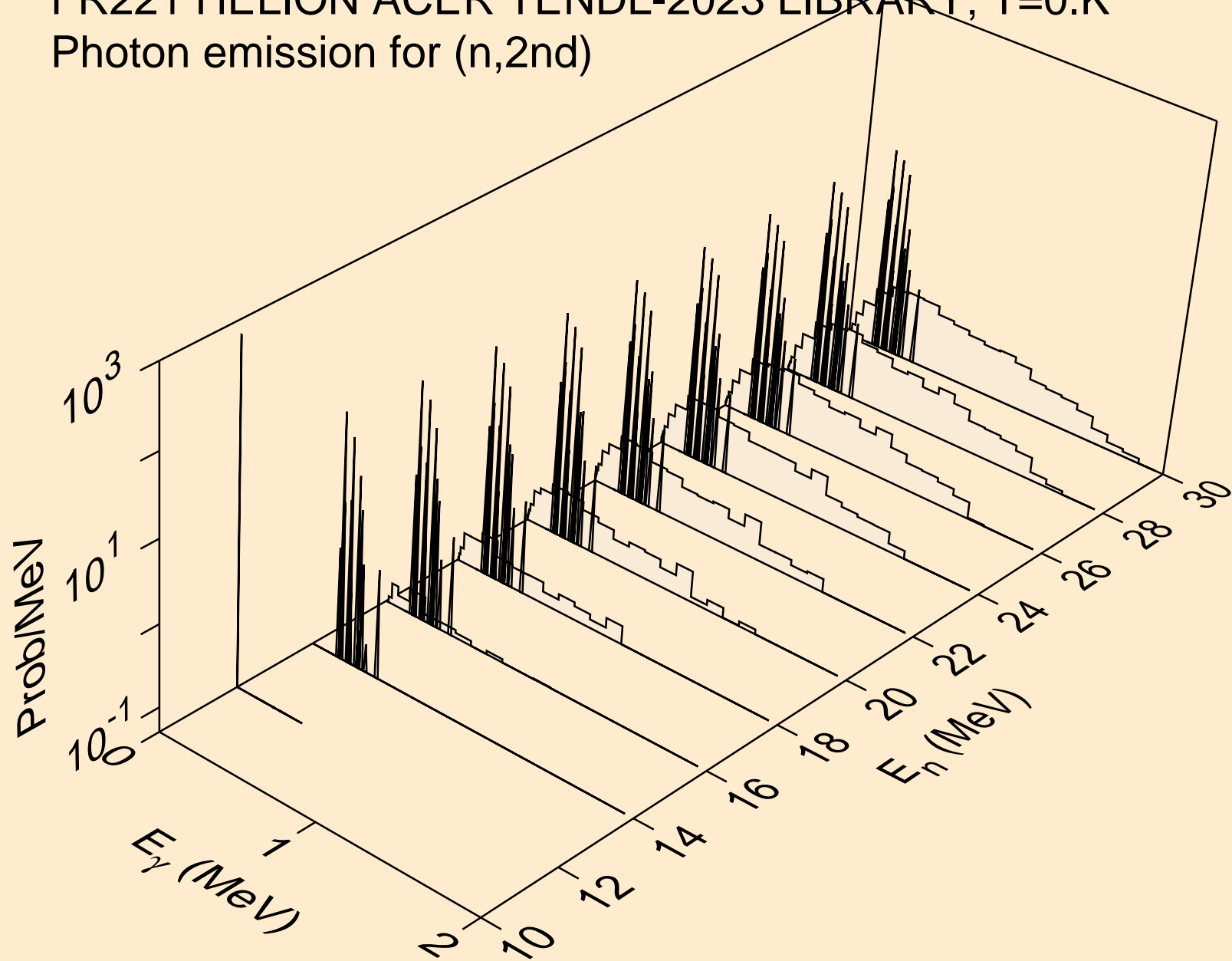
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



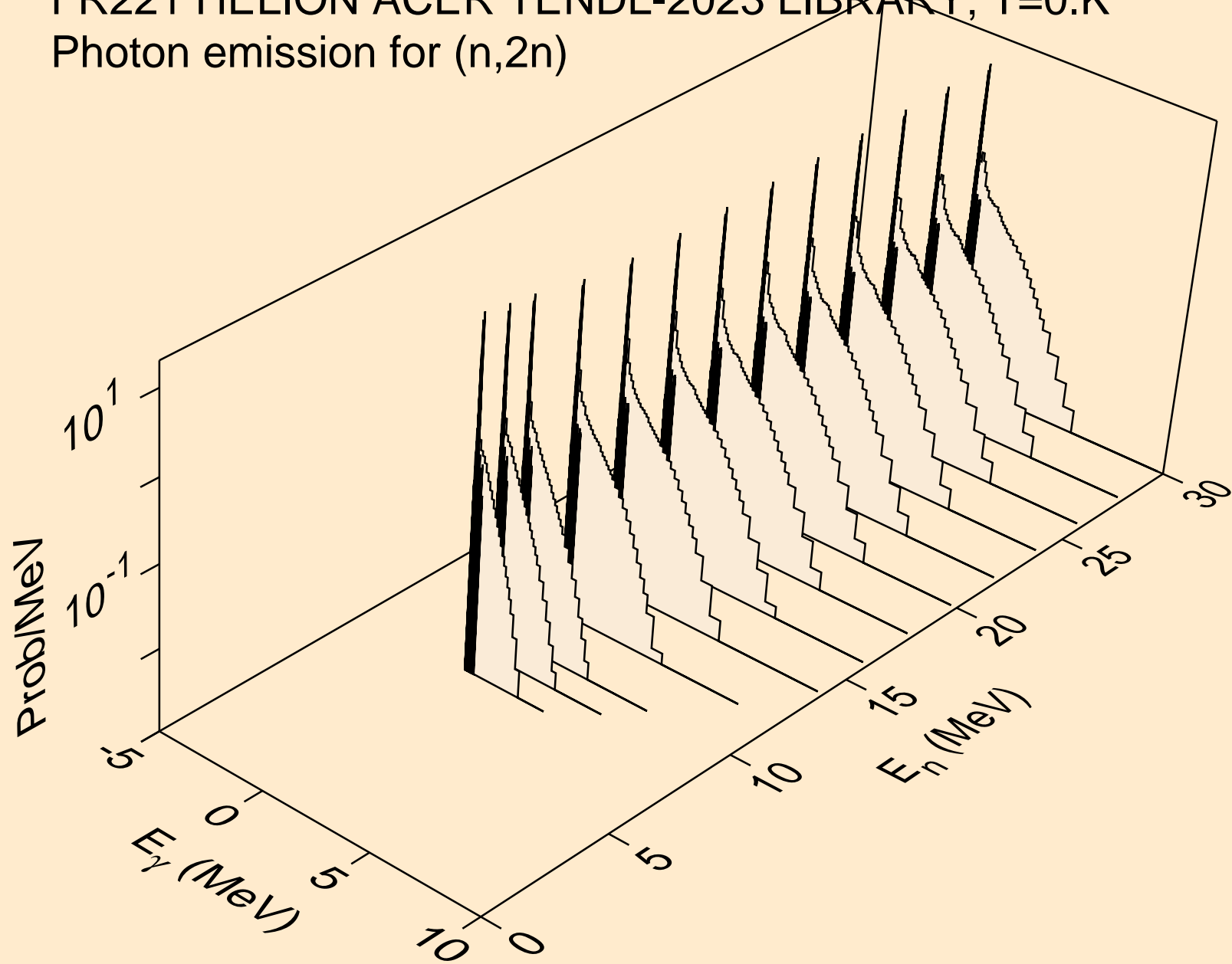
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



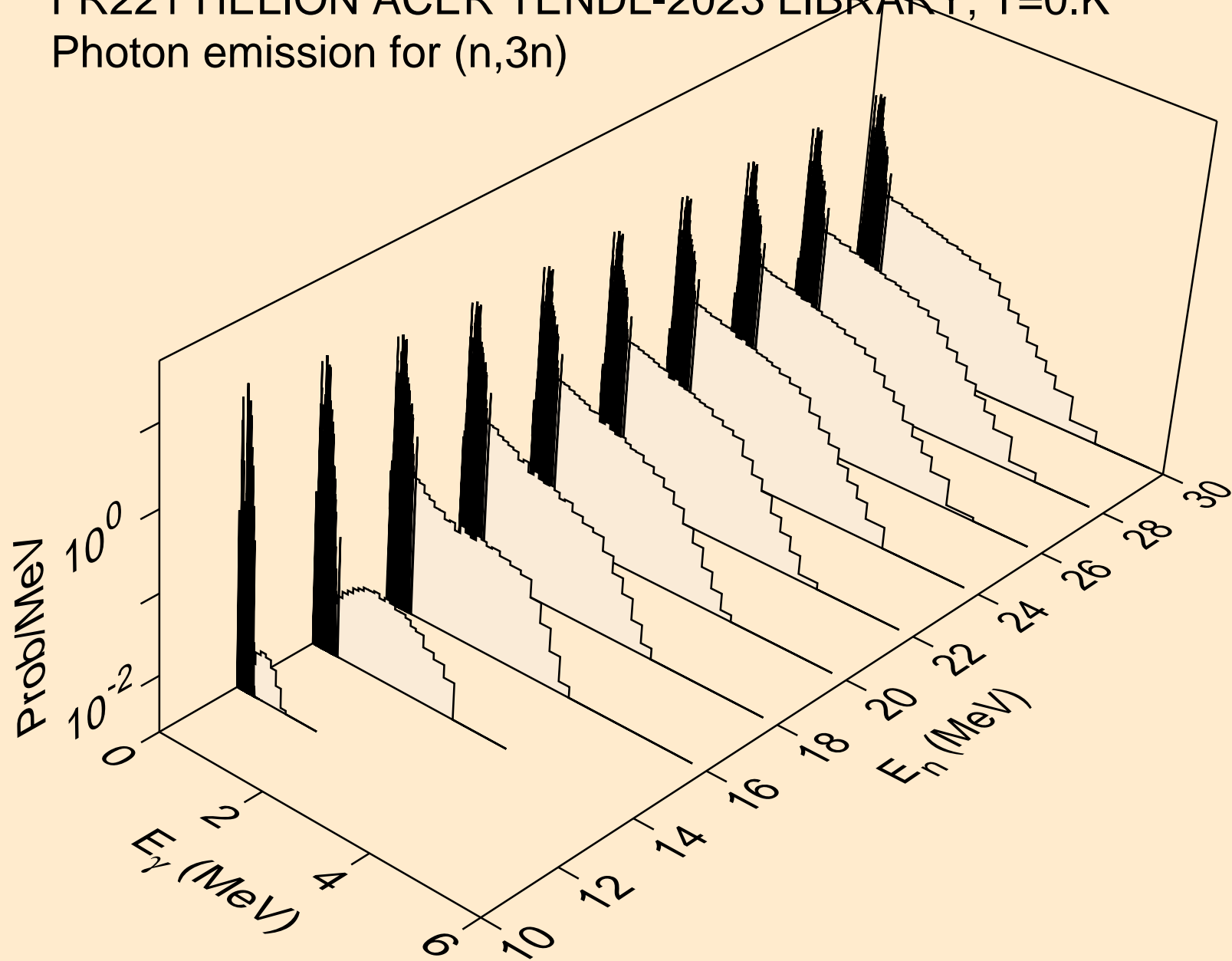
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



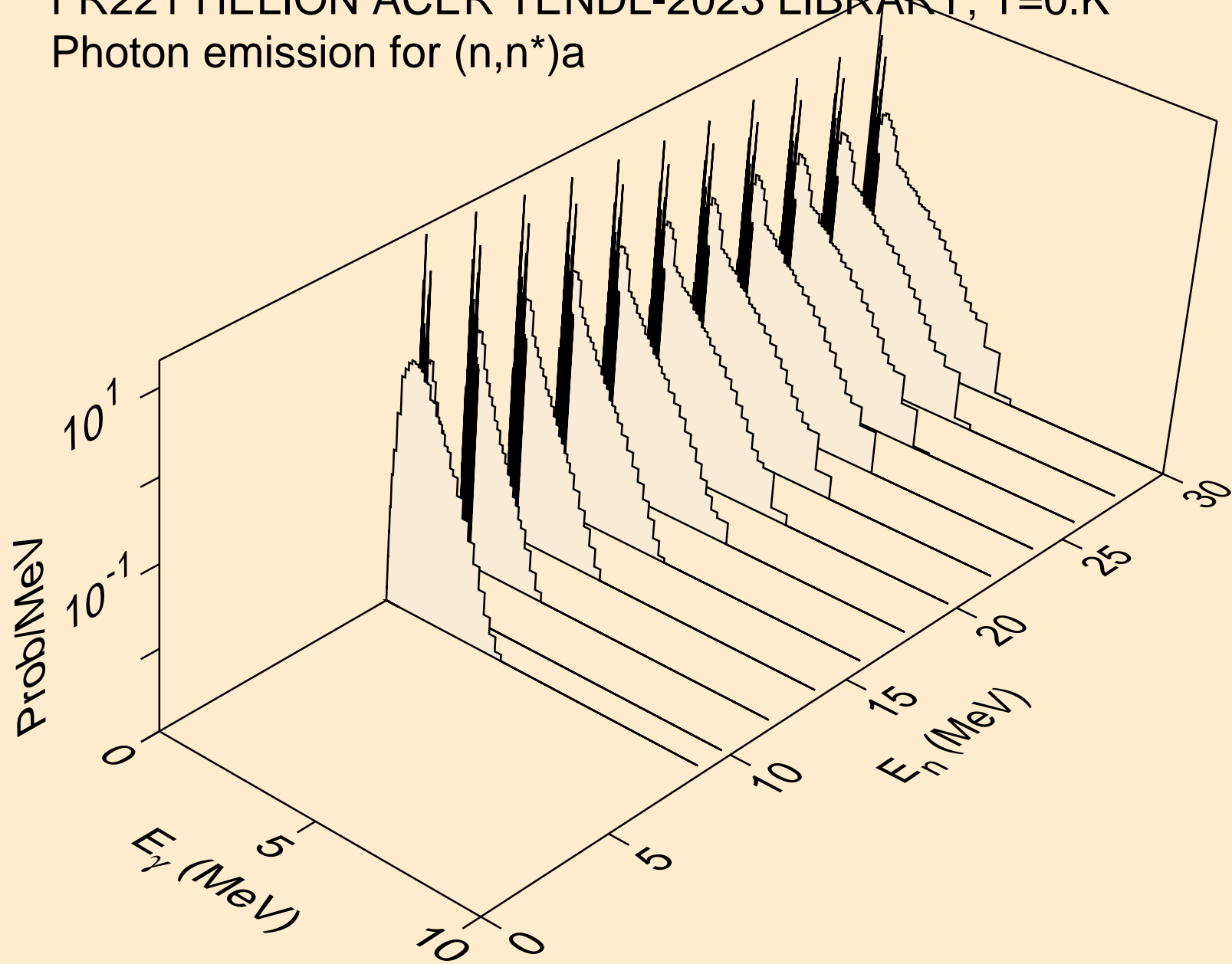
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

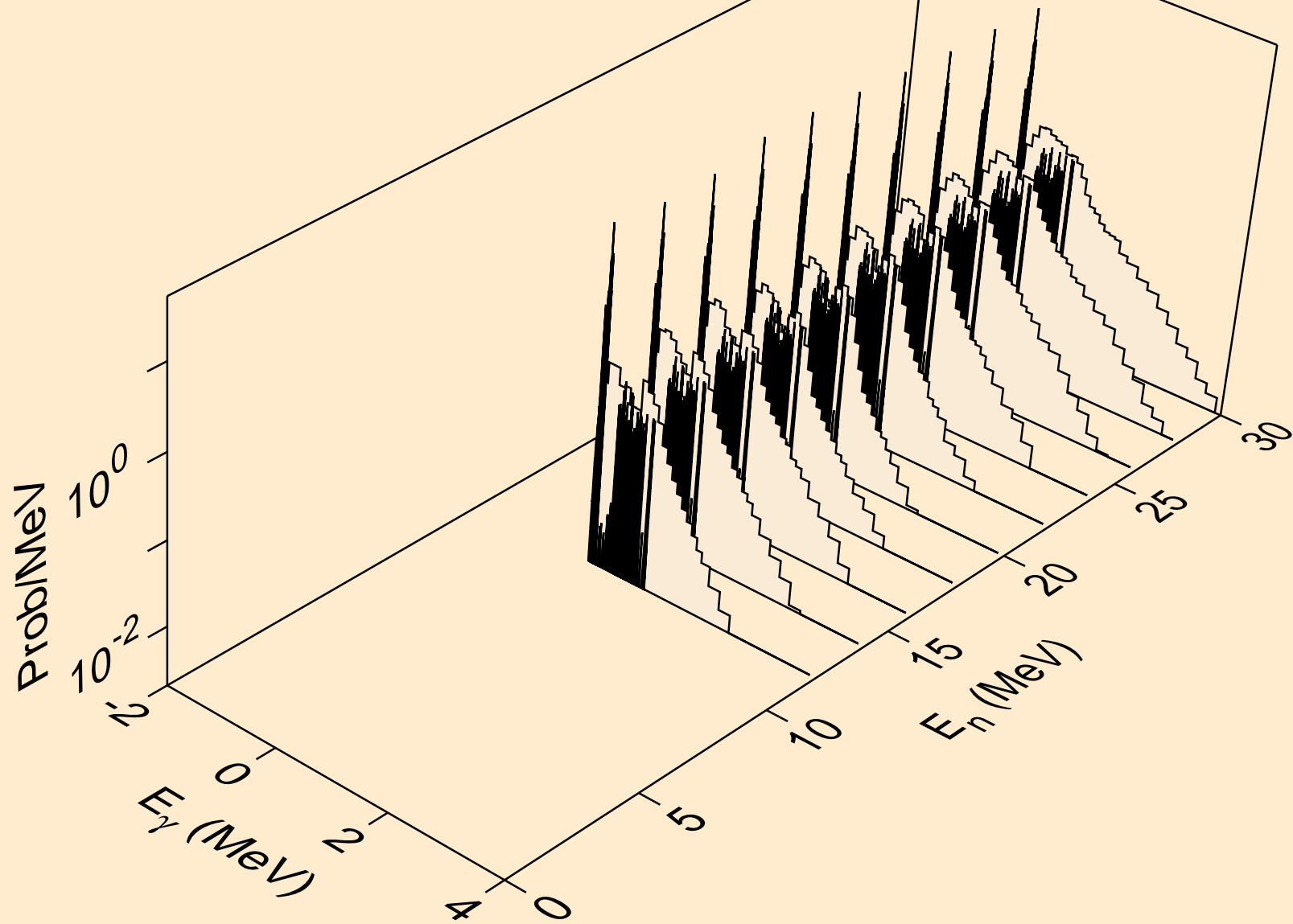


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

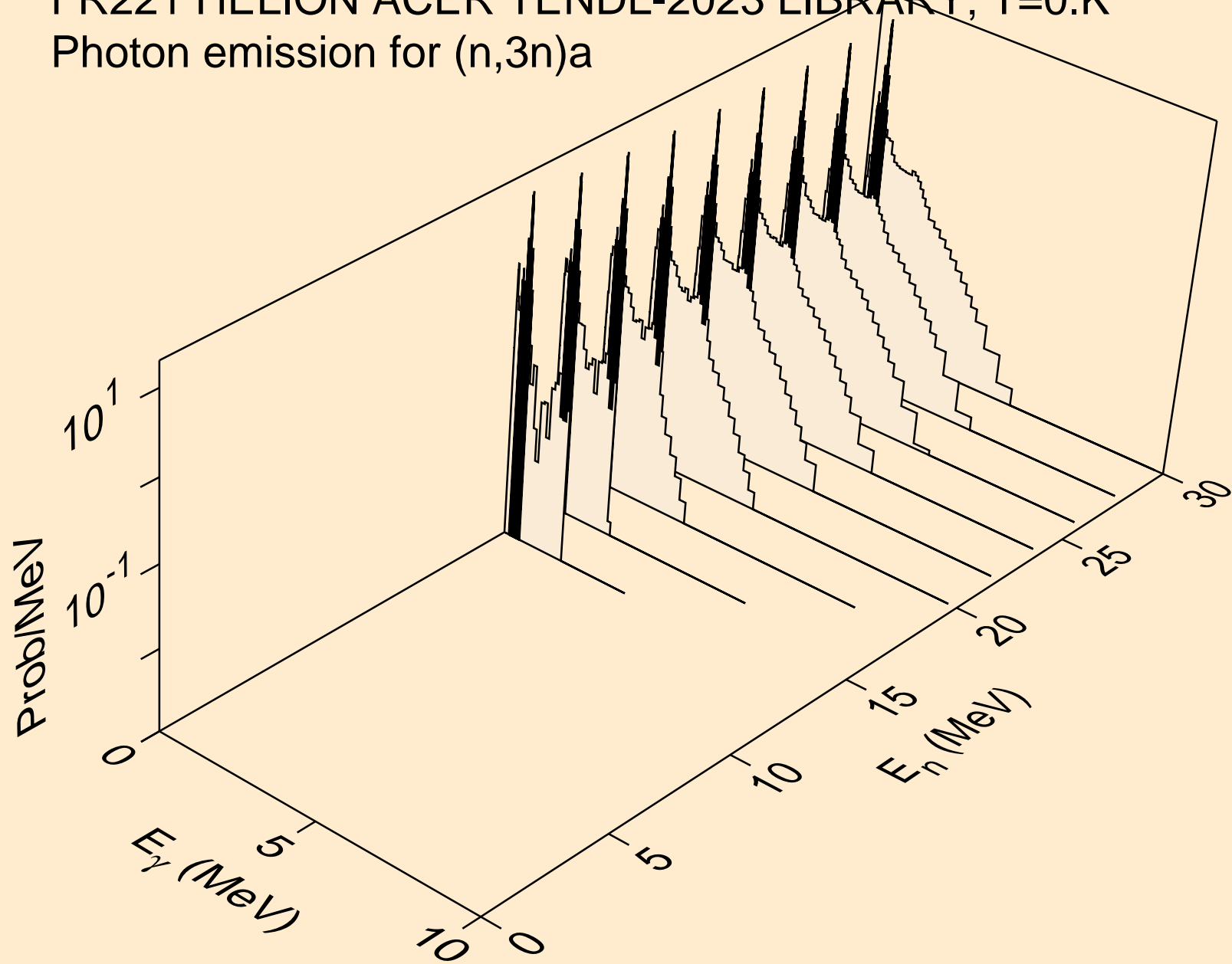




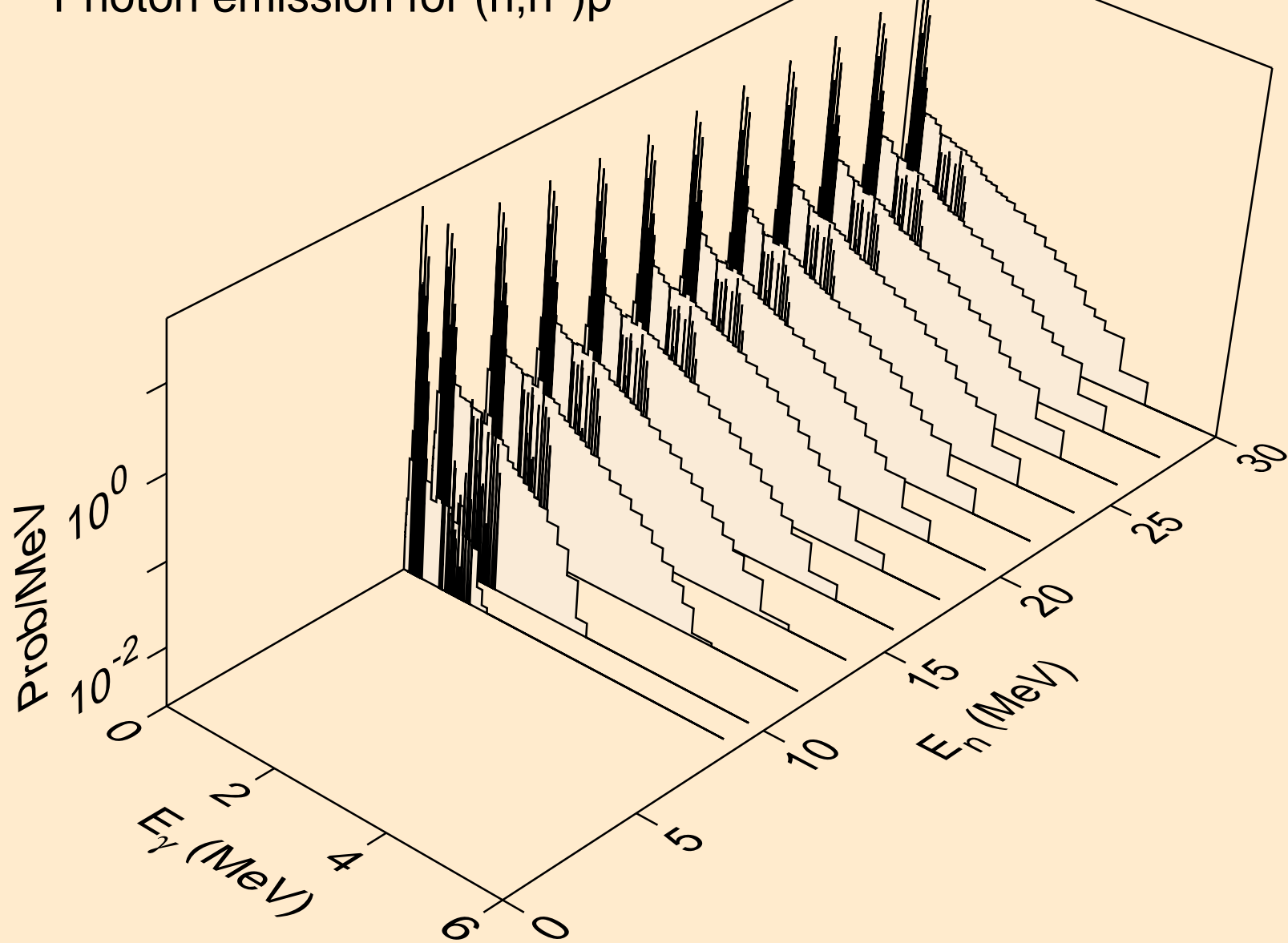
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



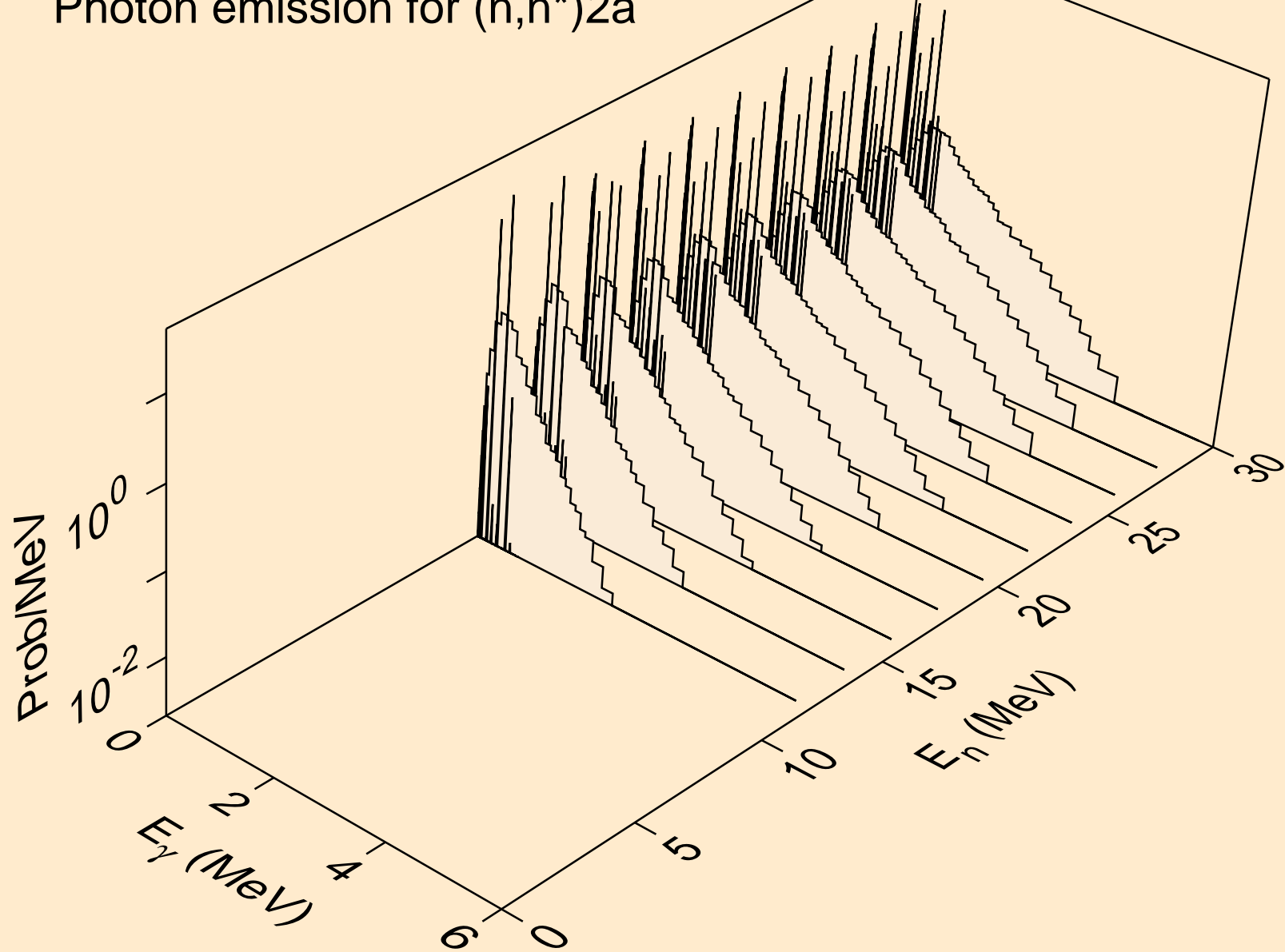
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Photon emission for (n,3n)a



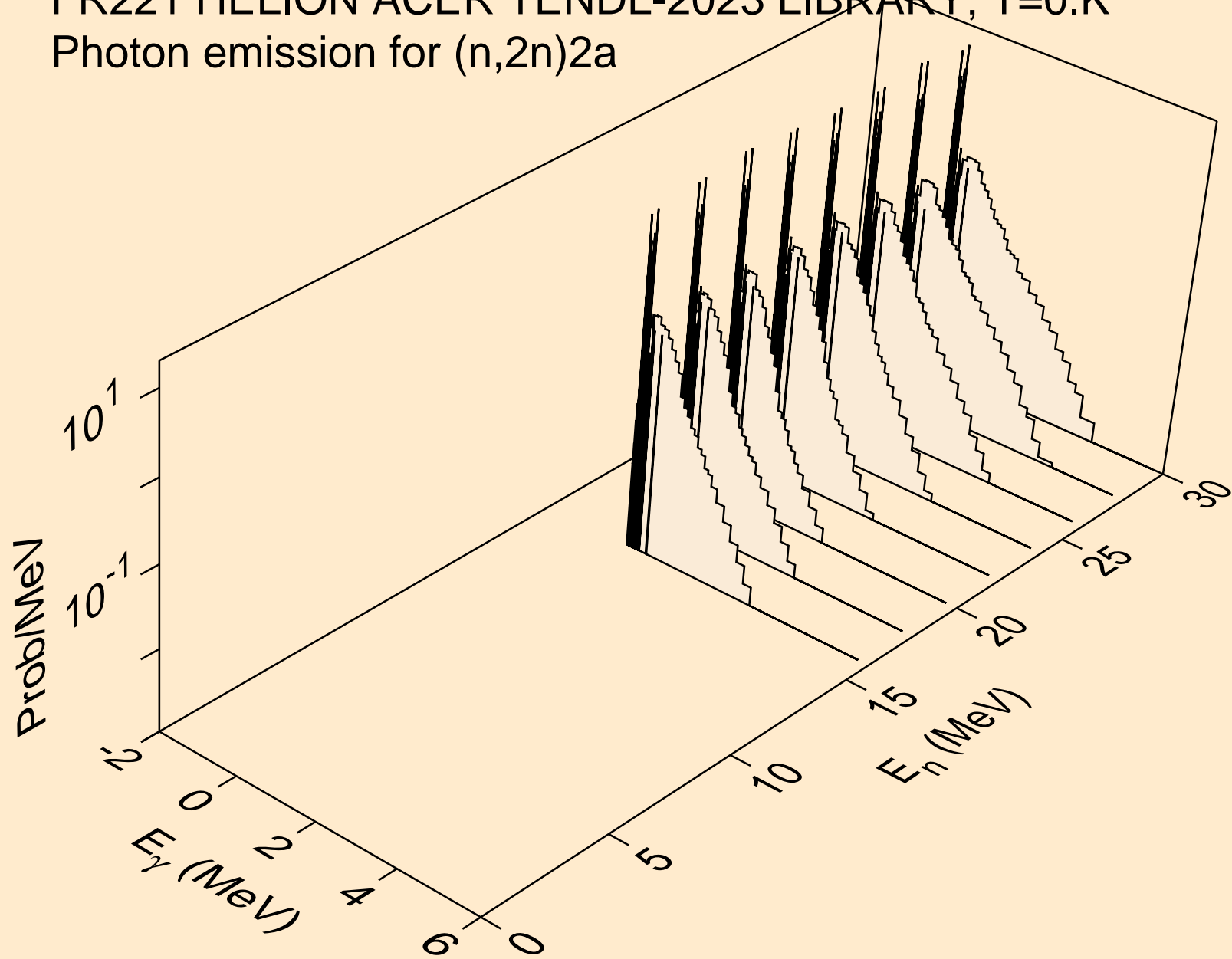
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



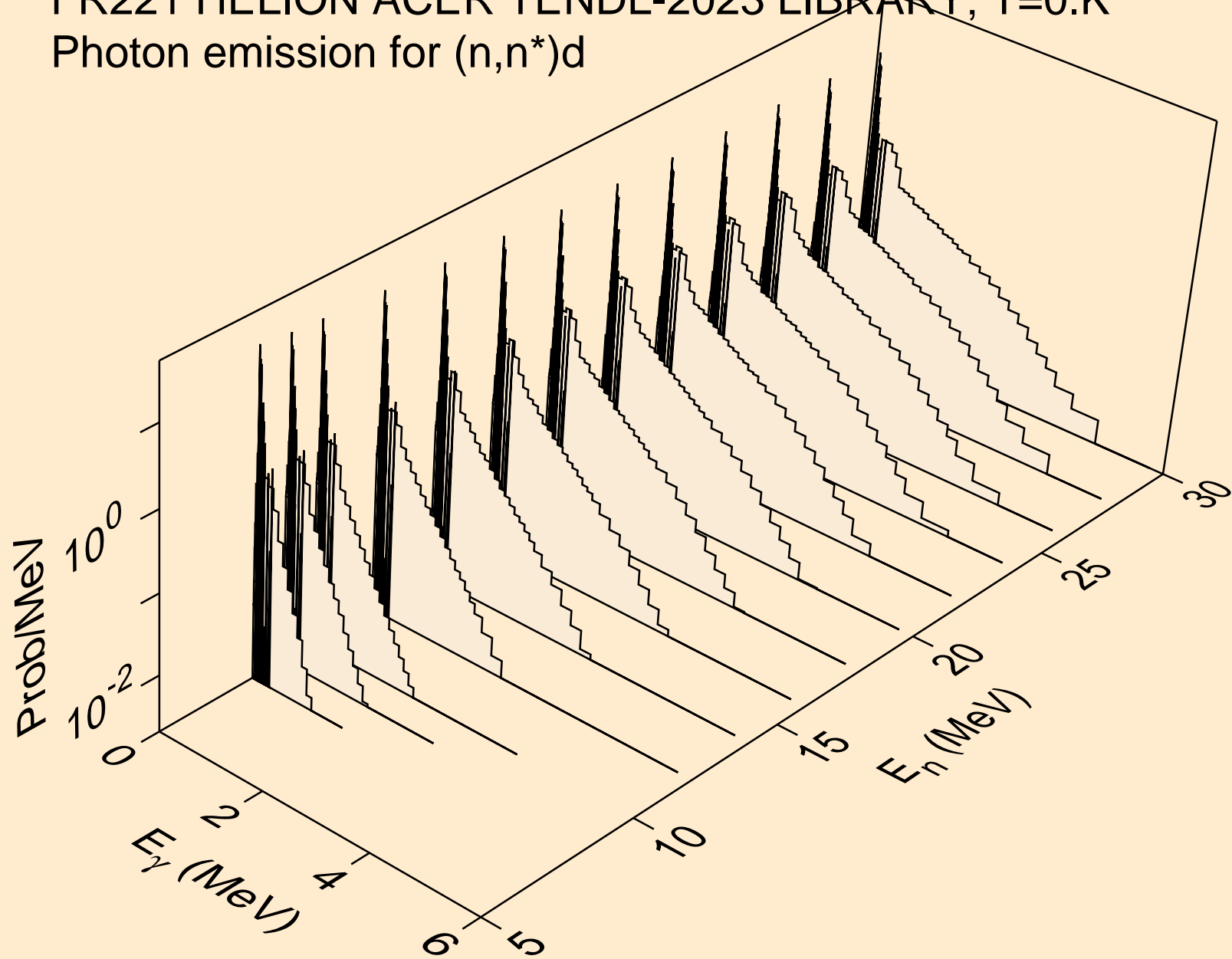
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Photon emission for (n,n\*)2a



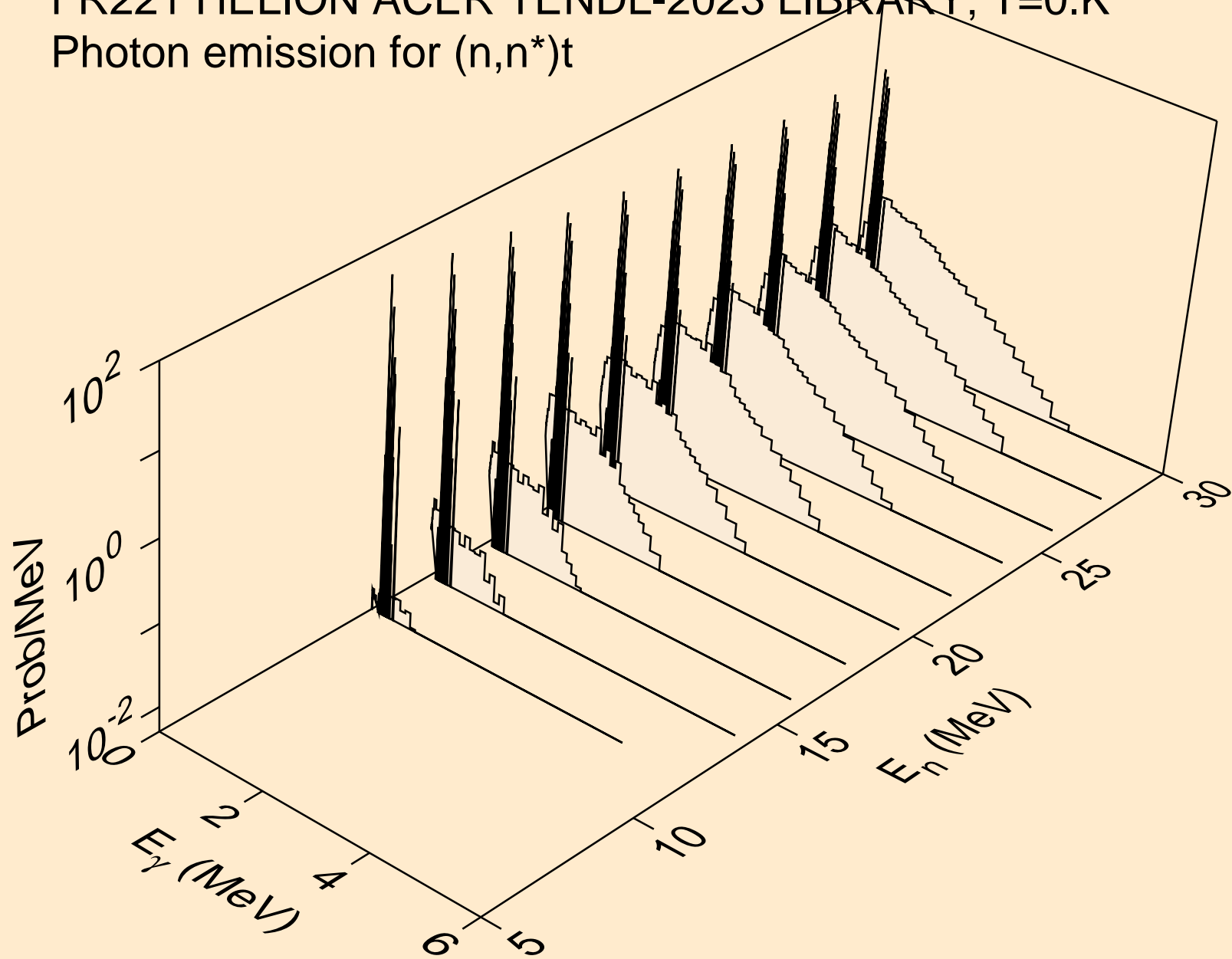
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Photon emission for (n,2n)2a



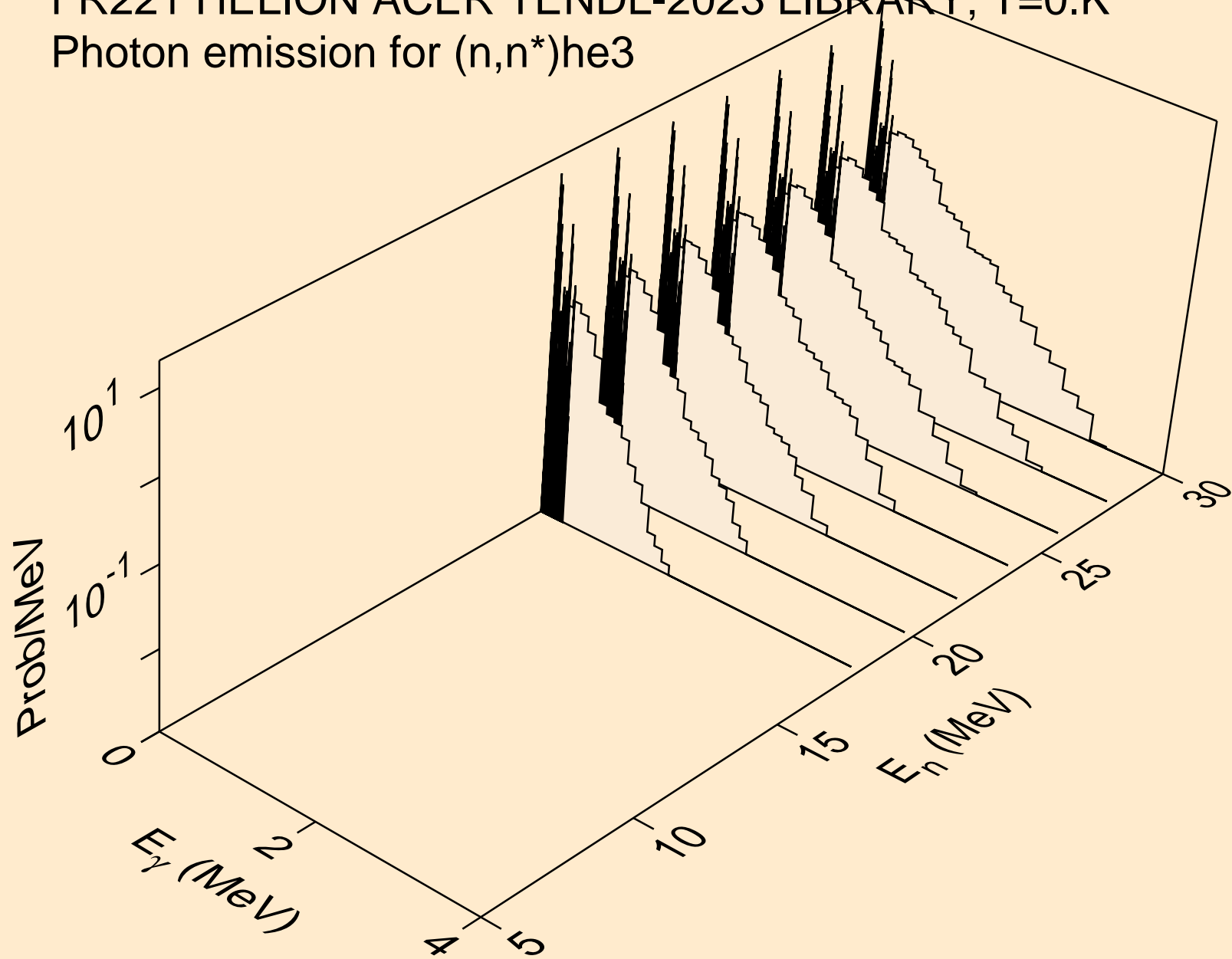
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

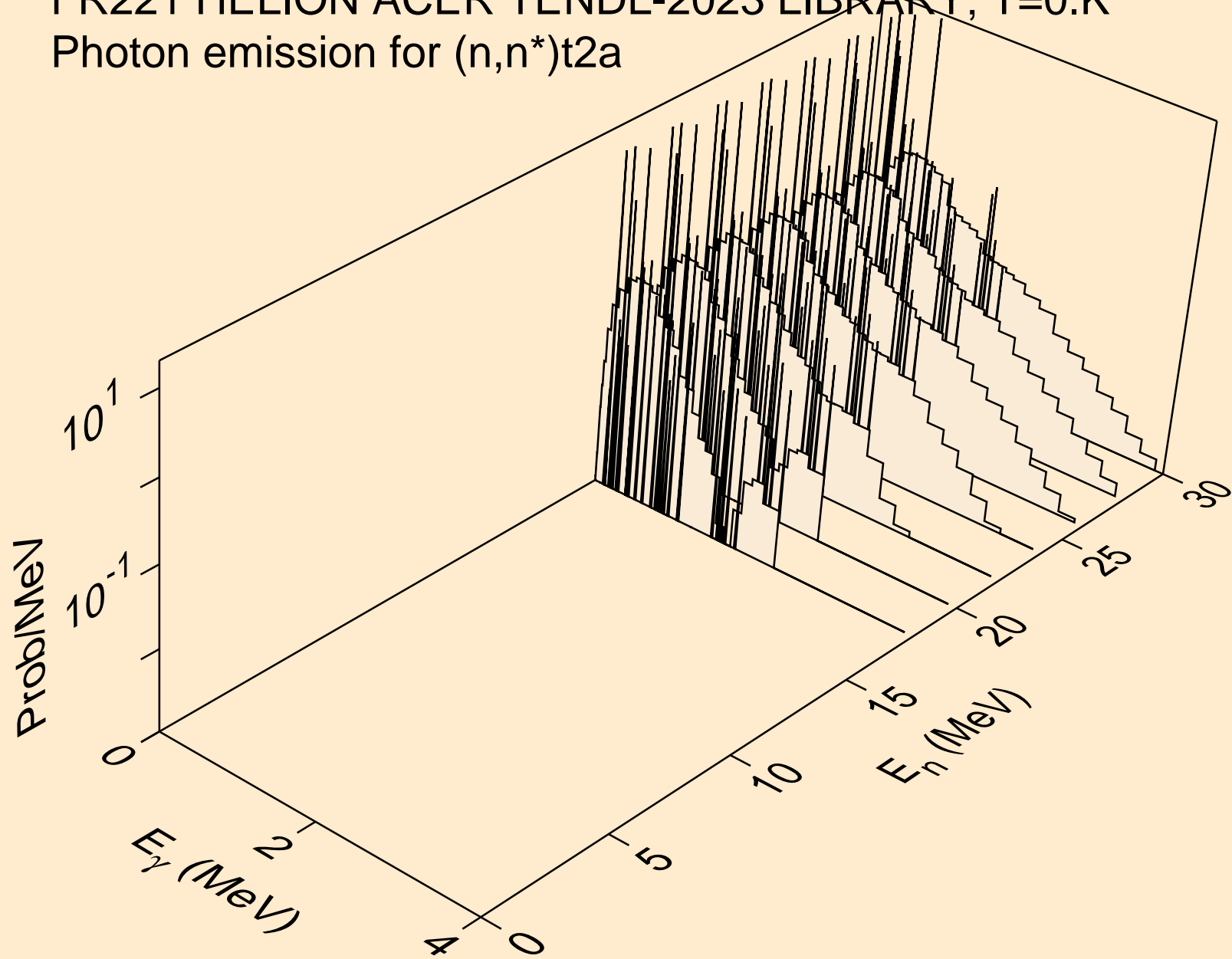


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

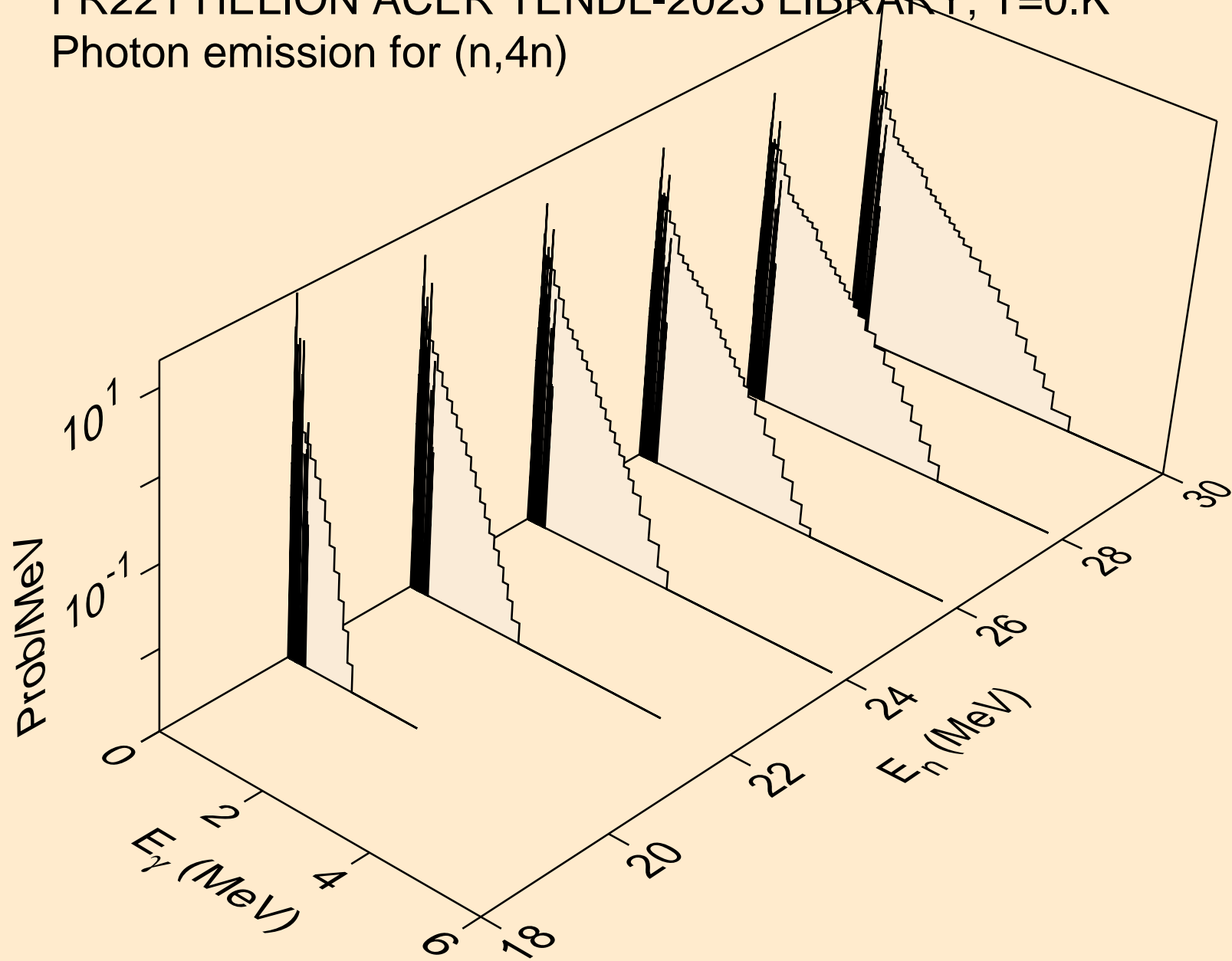




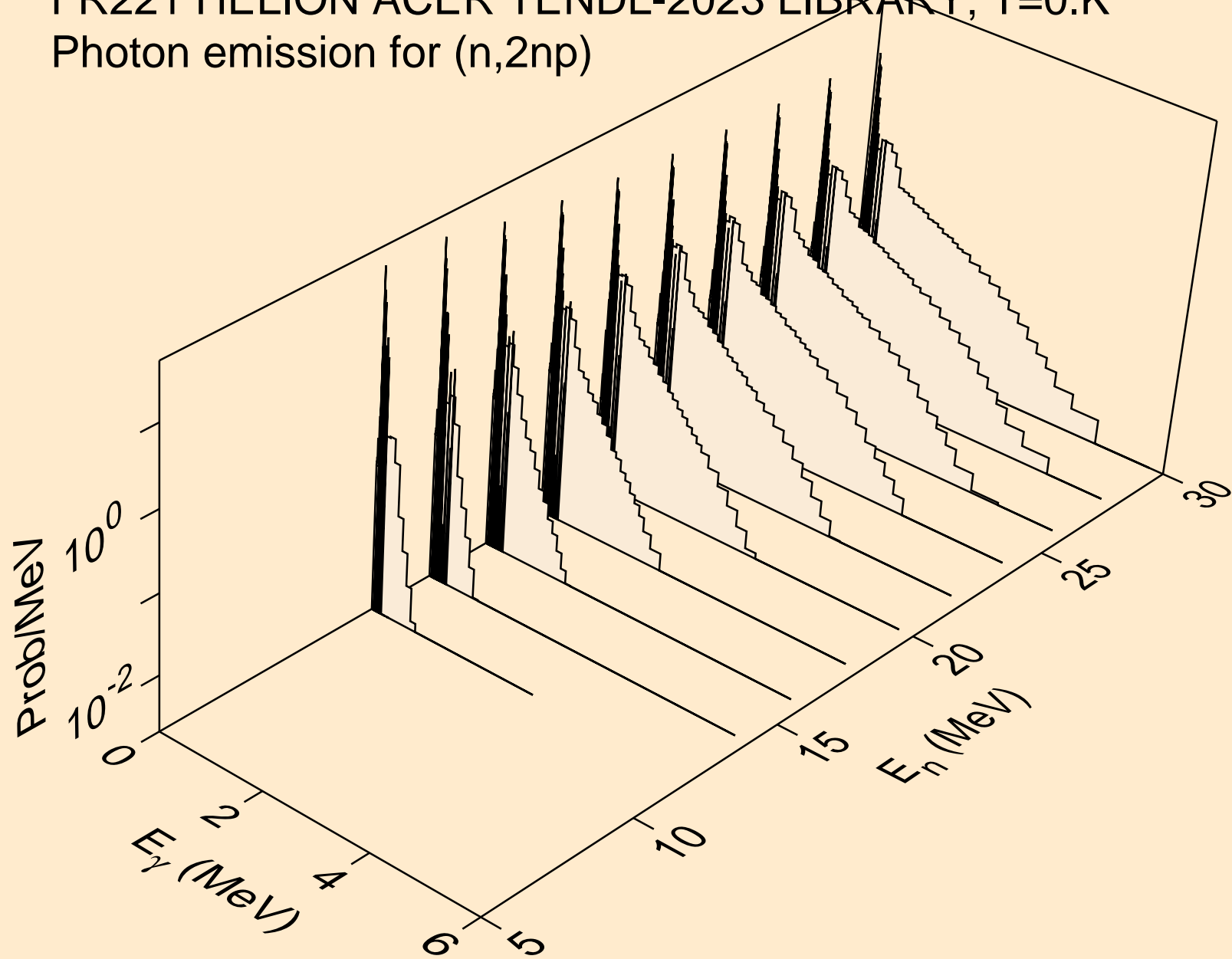
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Photon emission for (n,n\*)t2a



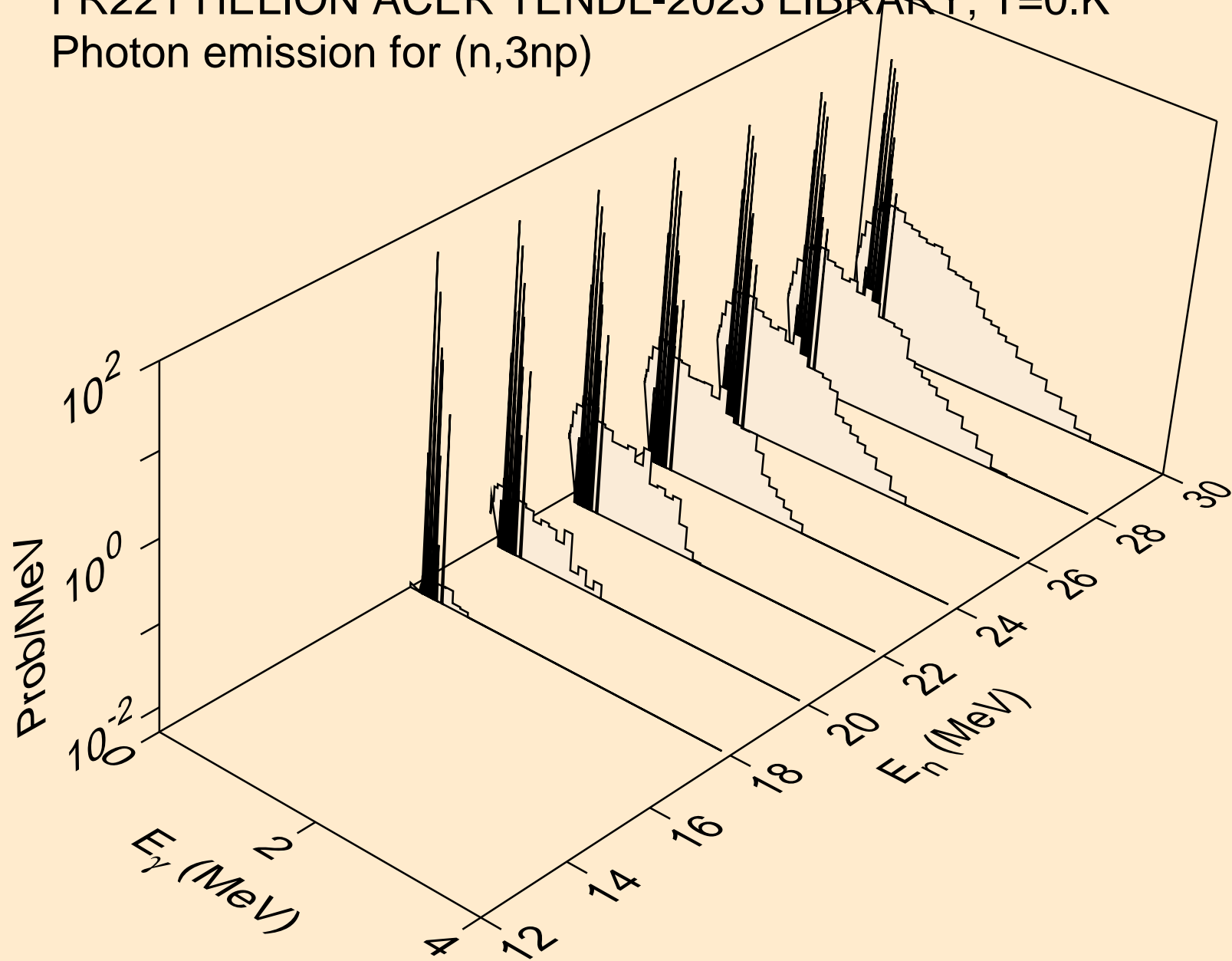
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Photon emission for (n,4n)



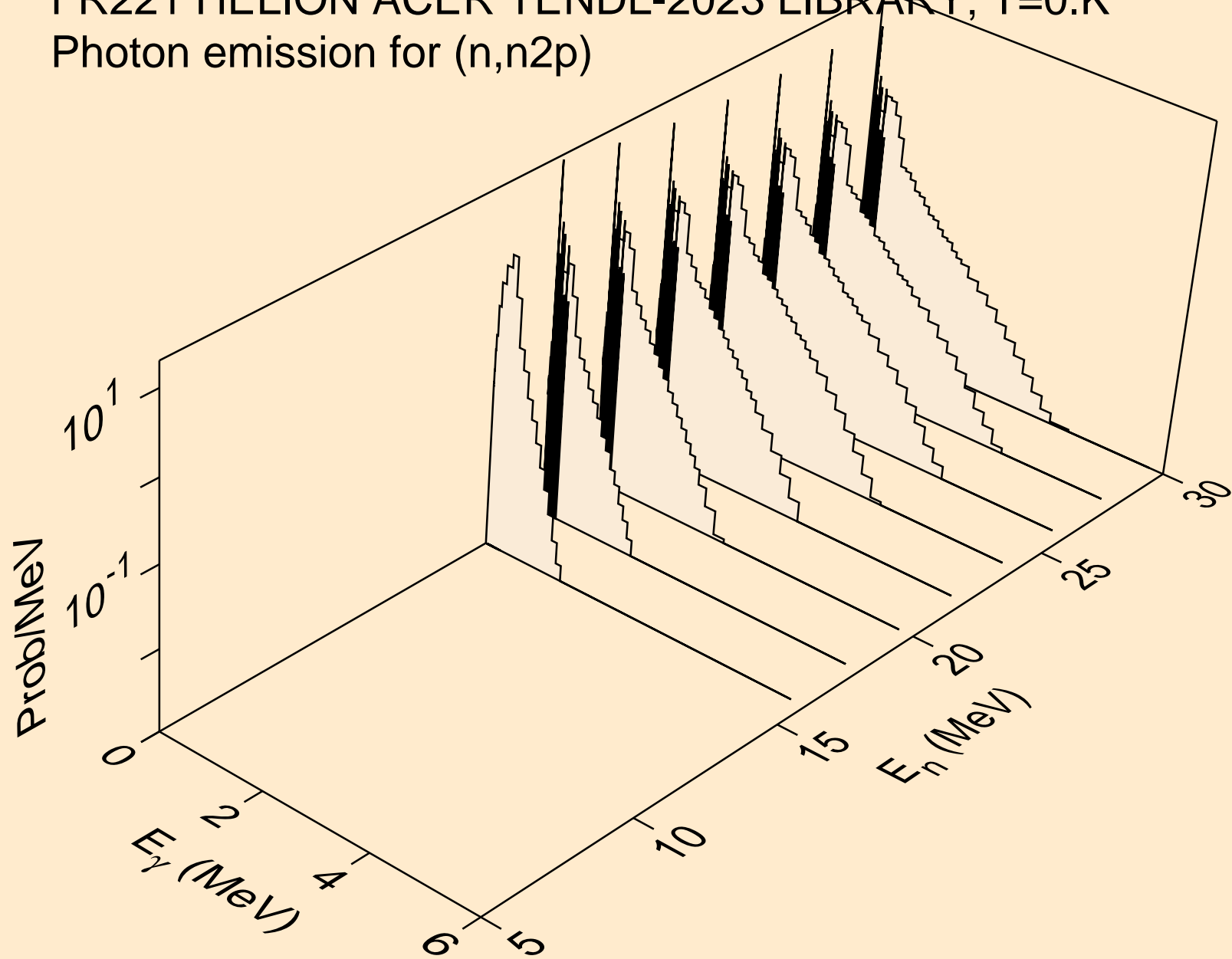
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



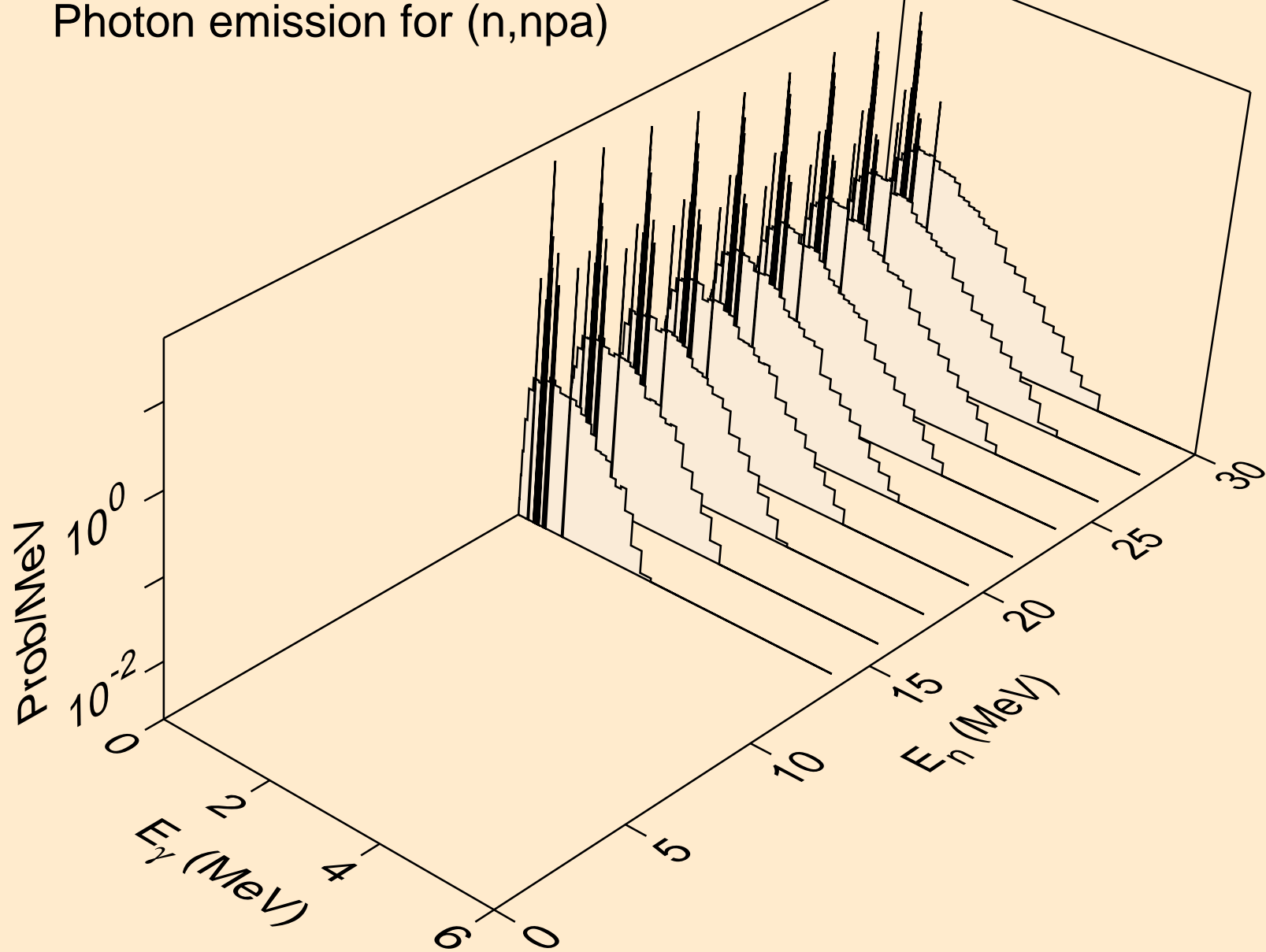
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Photon emission for (n,3np)



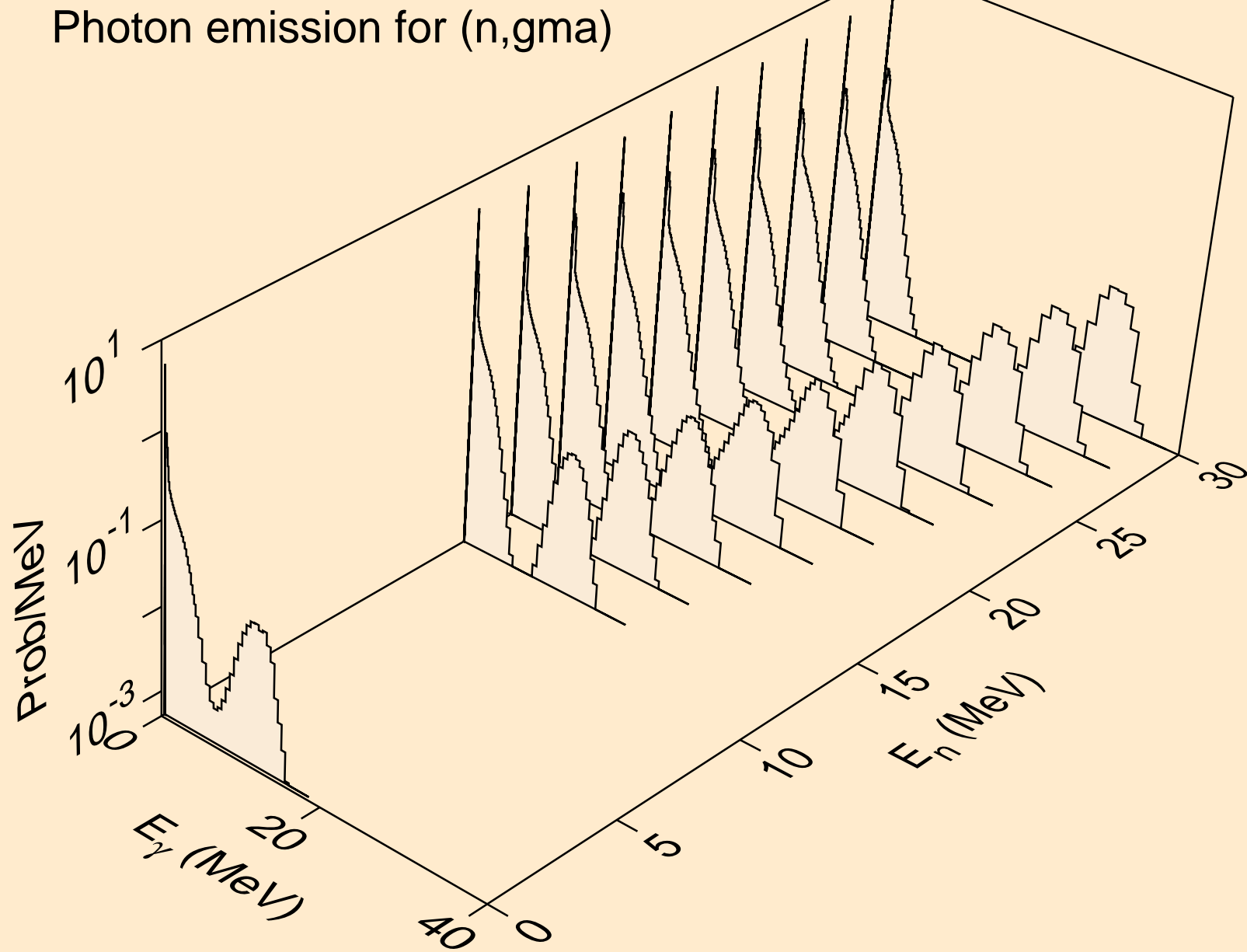
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Photon emission for (n,n2p)



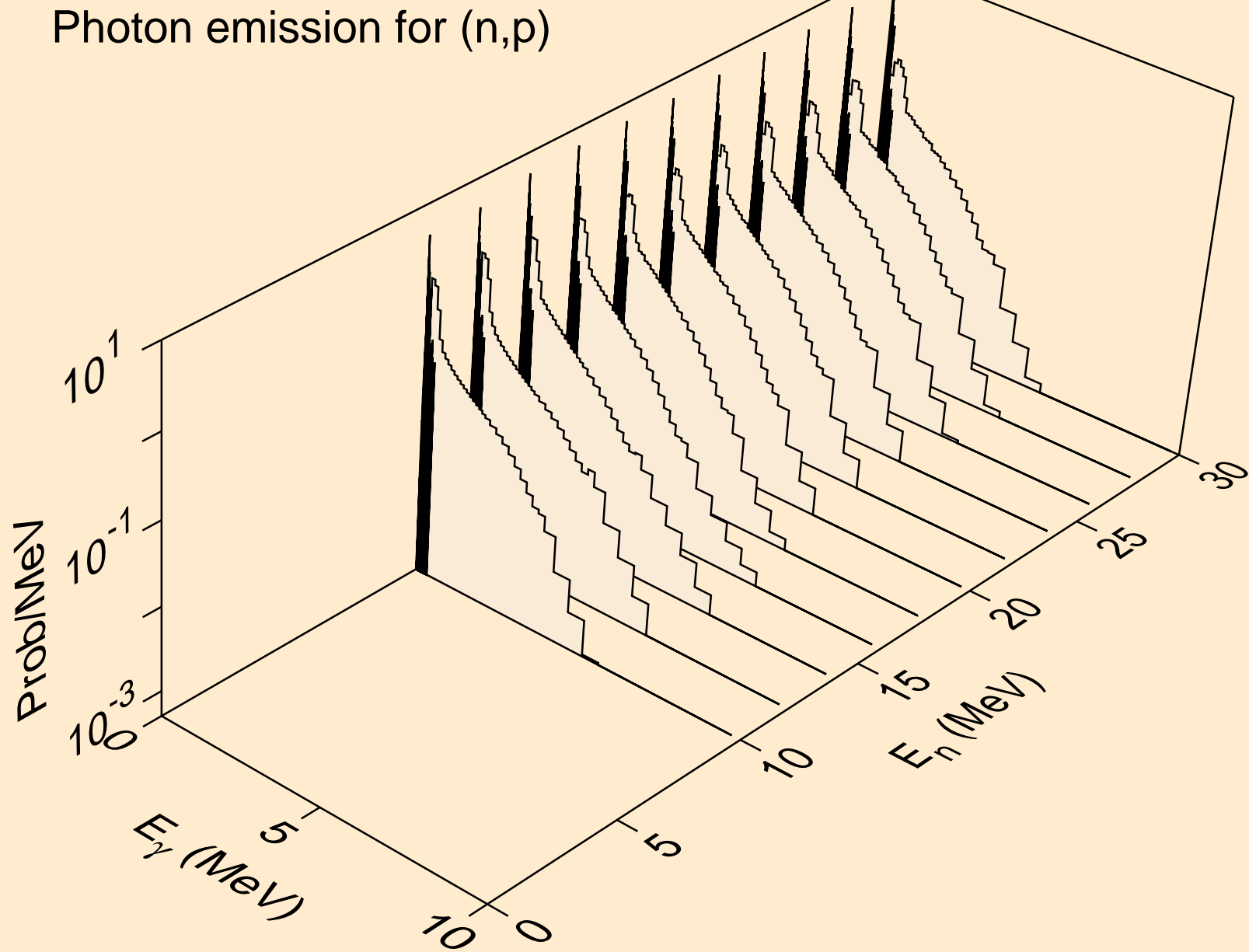
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

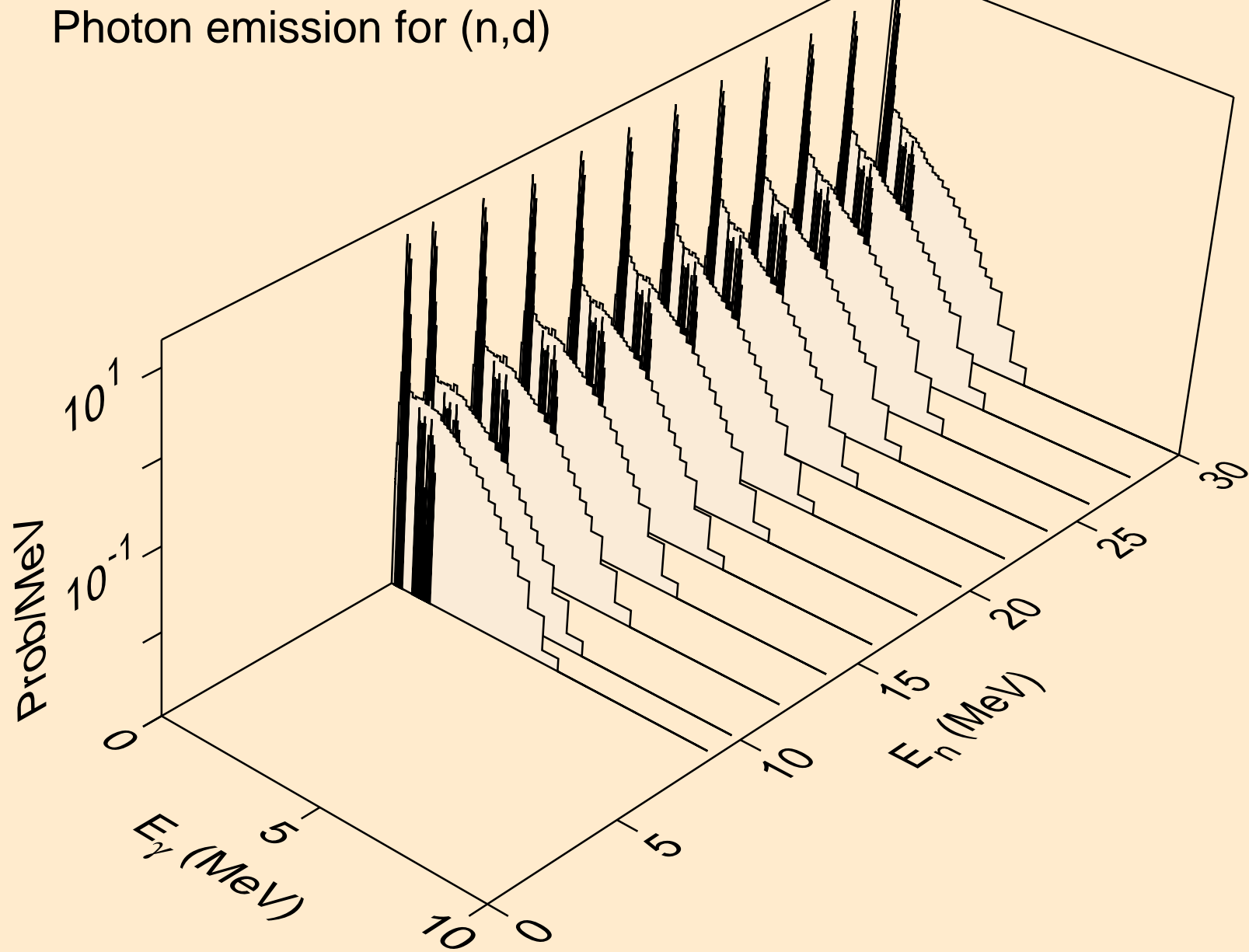


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

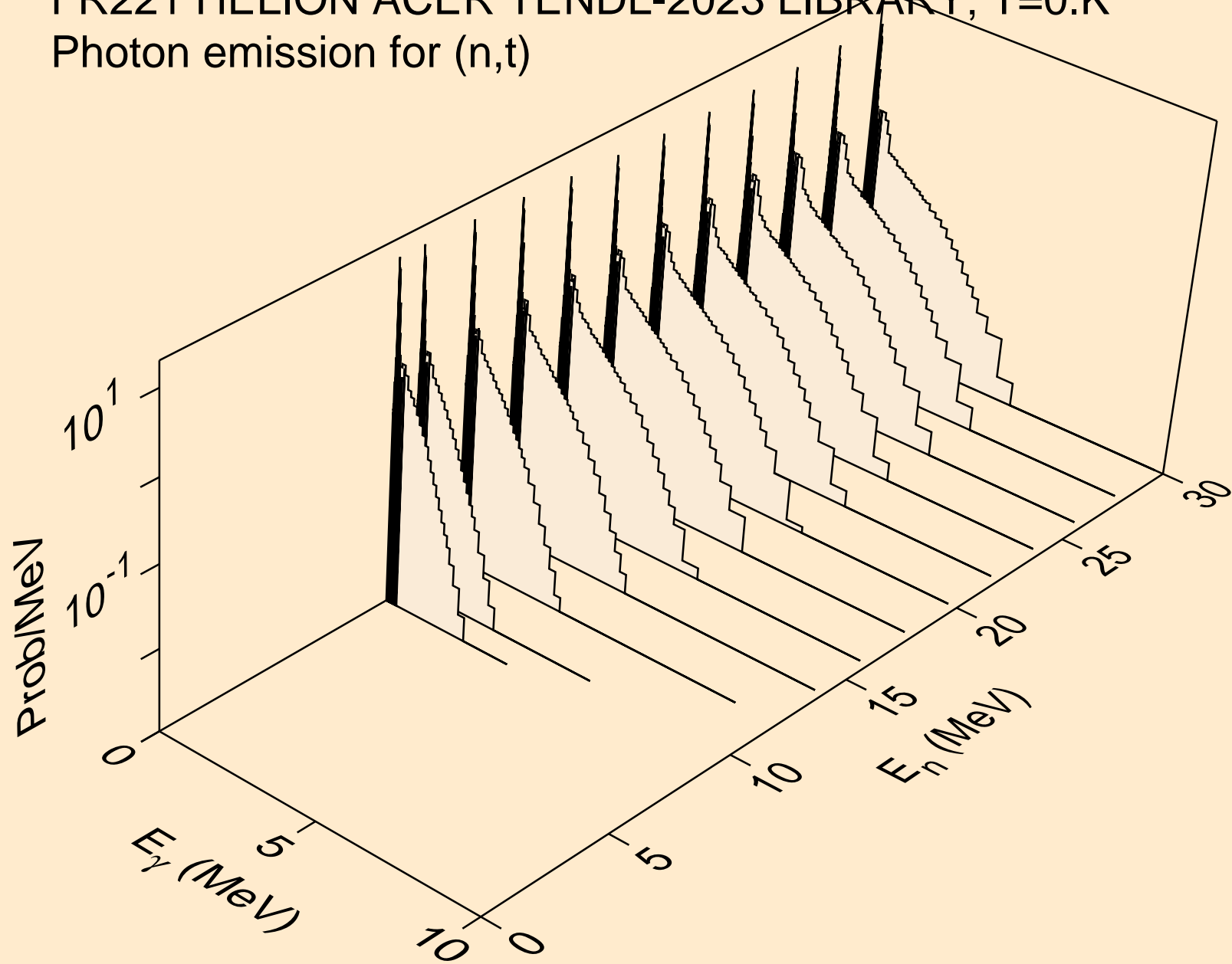




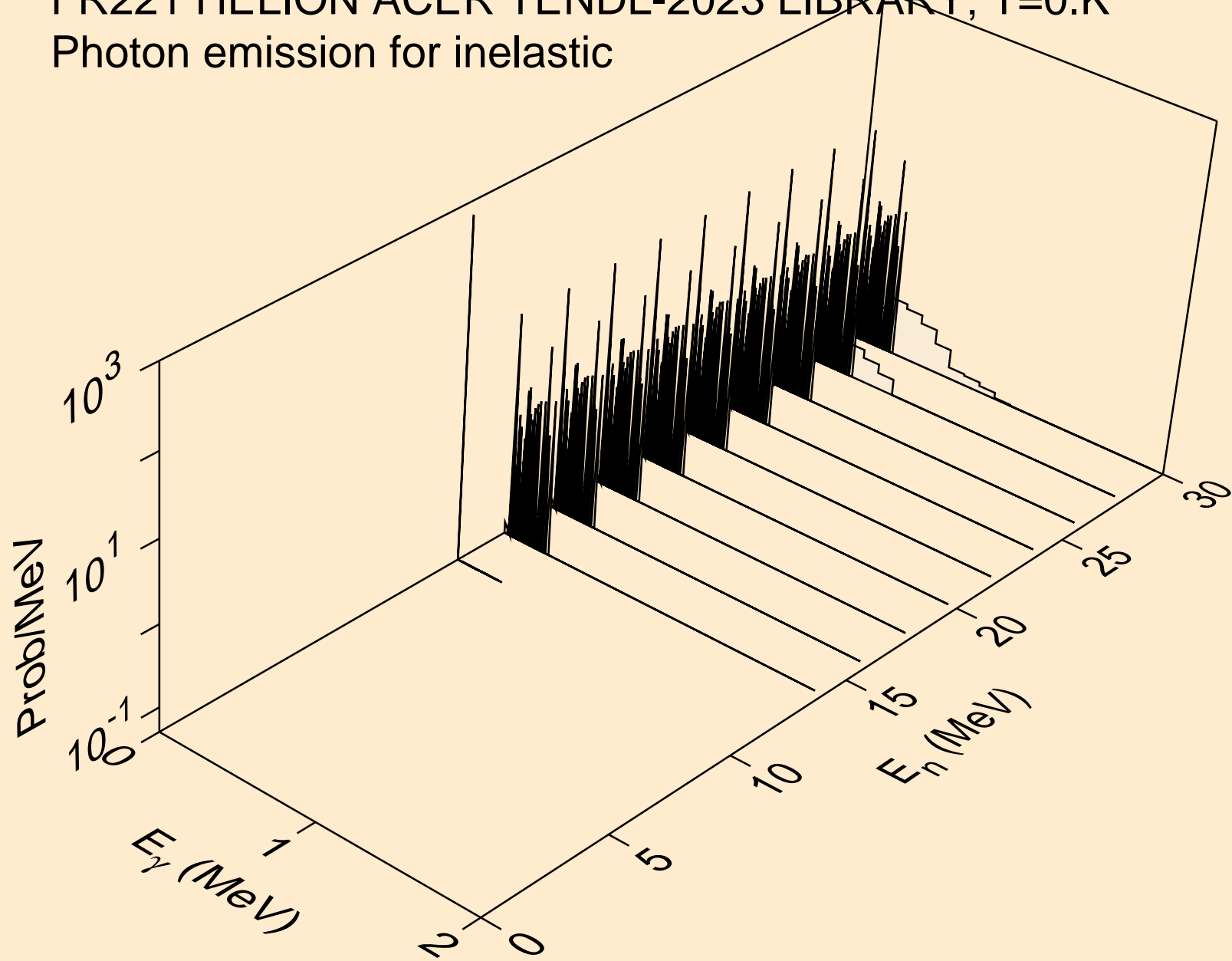
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



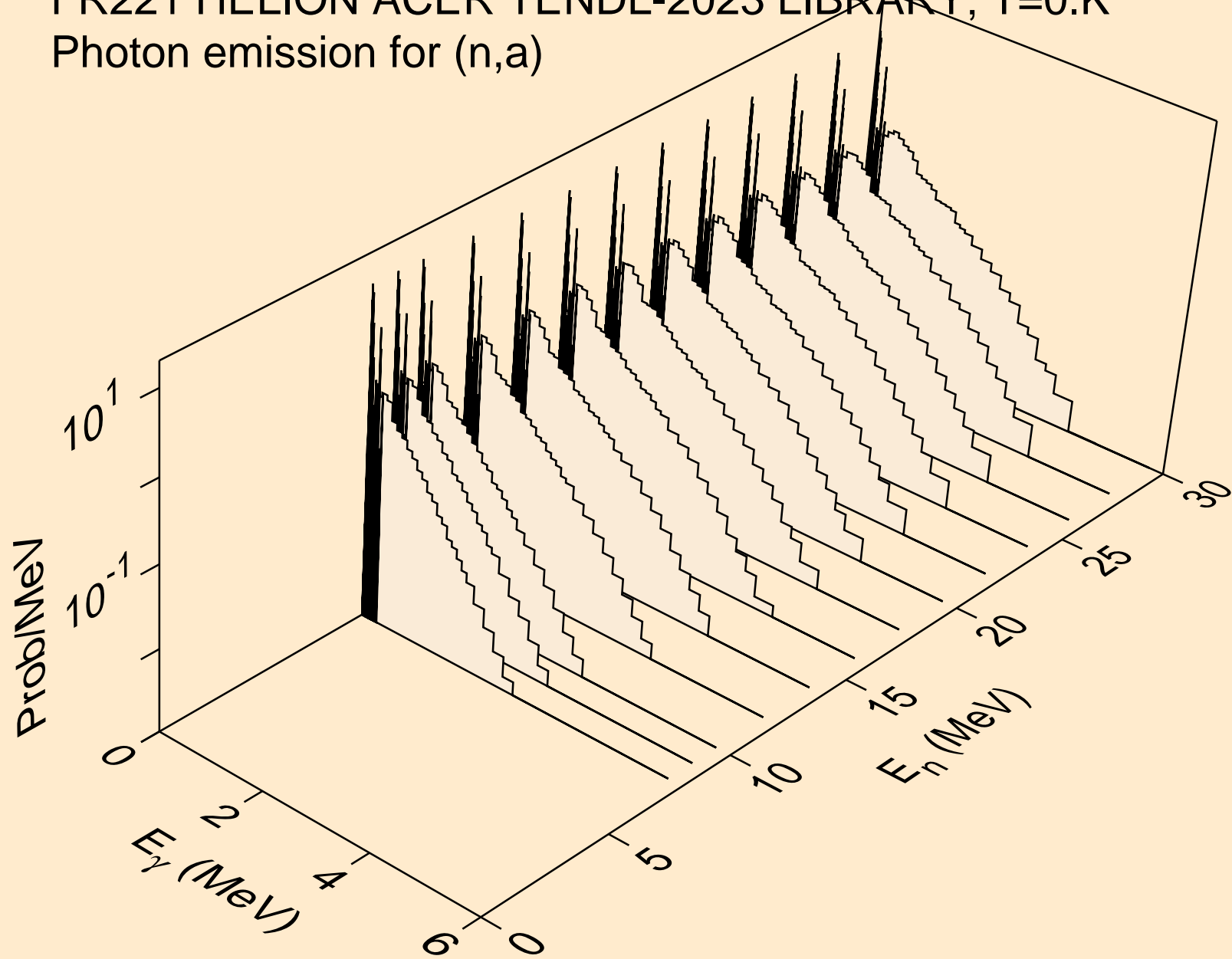
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



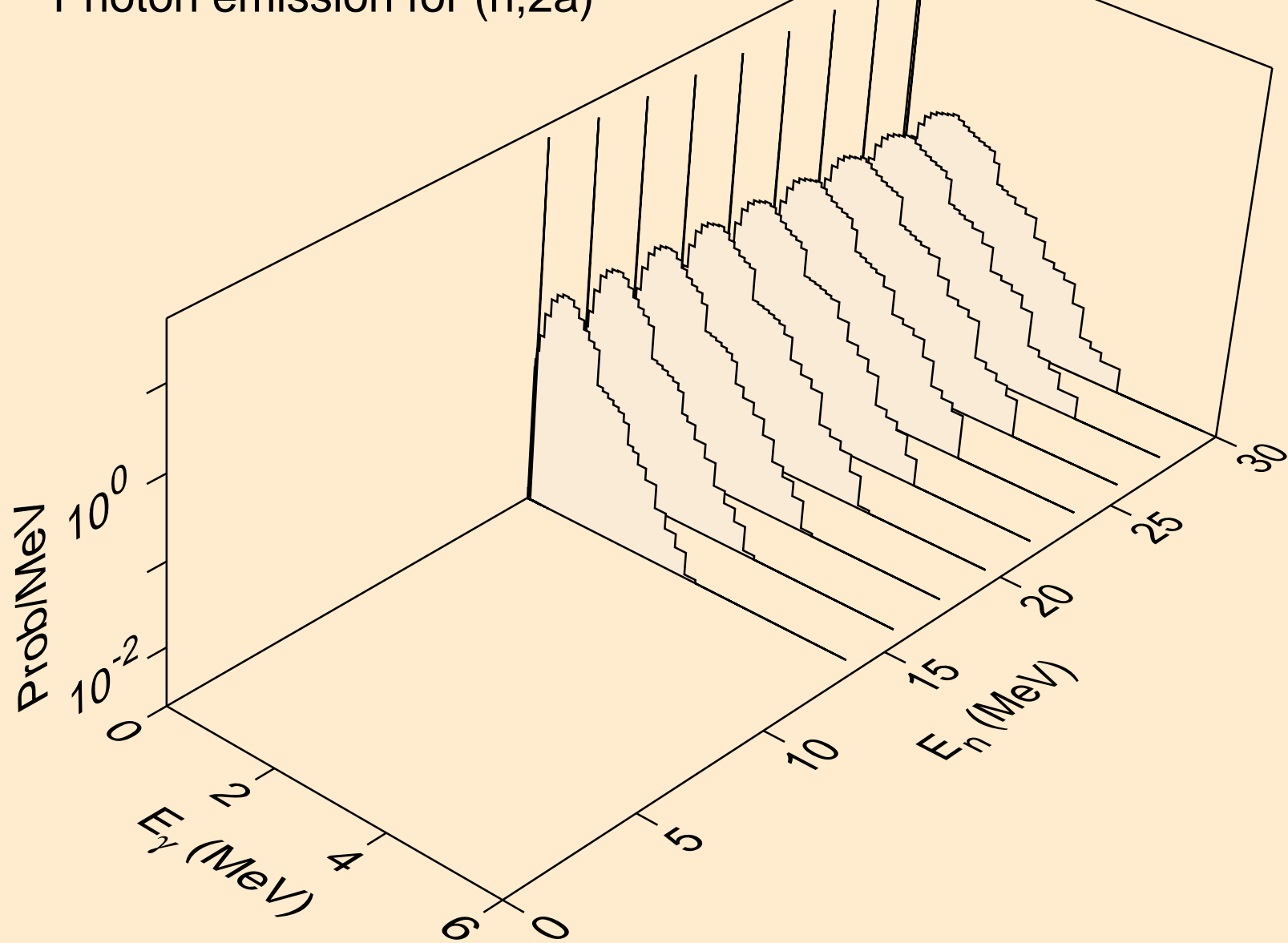
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



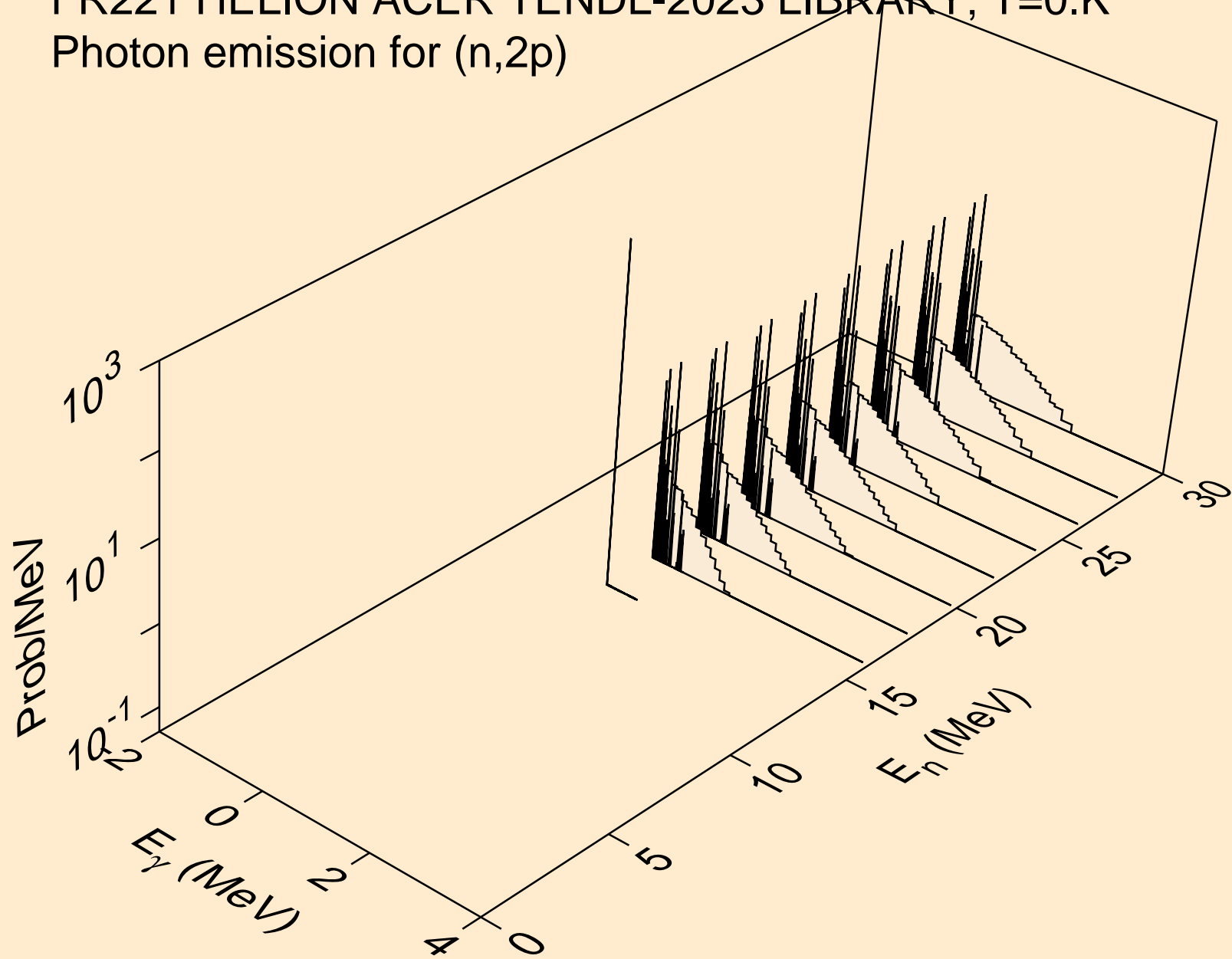
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Photon emission for (n,a)



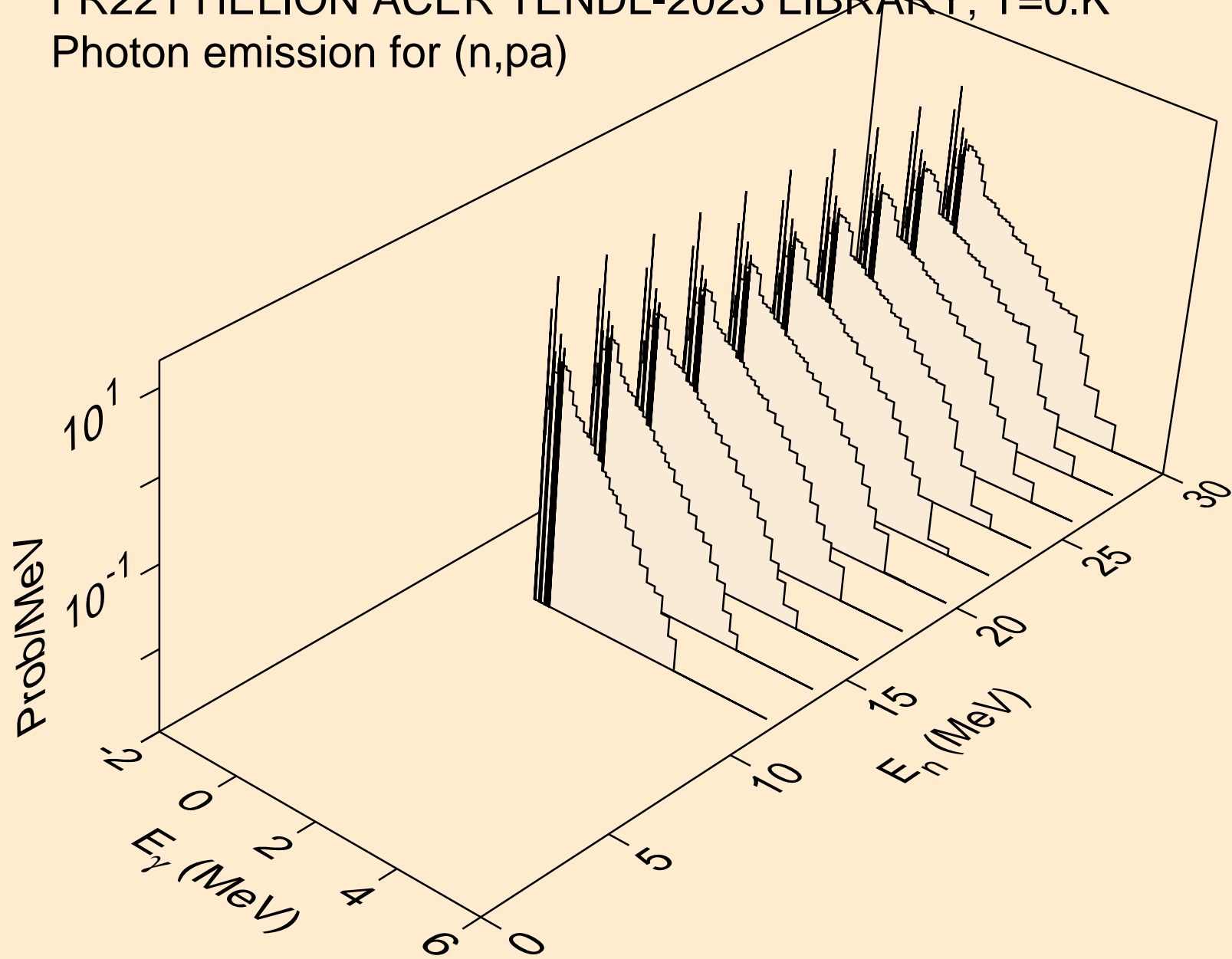
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



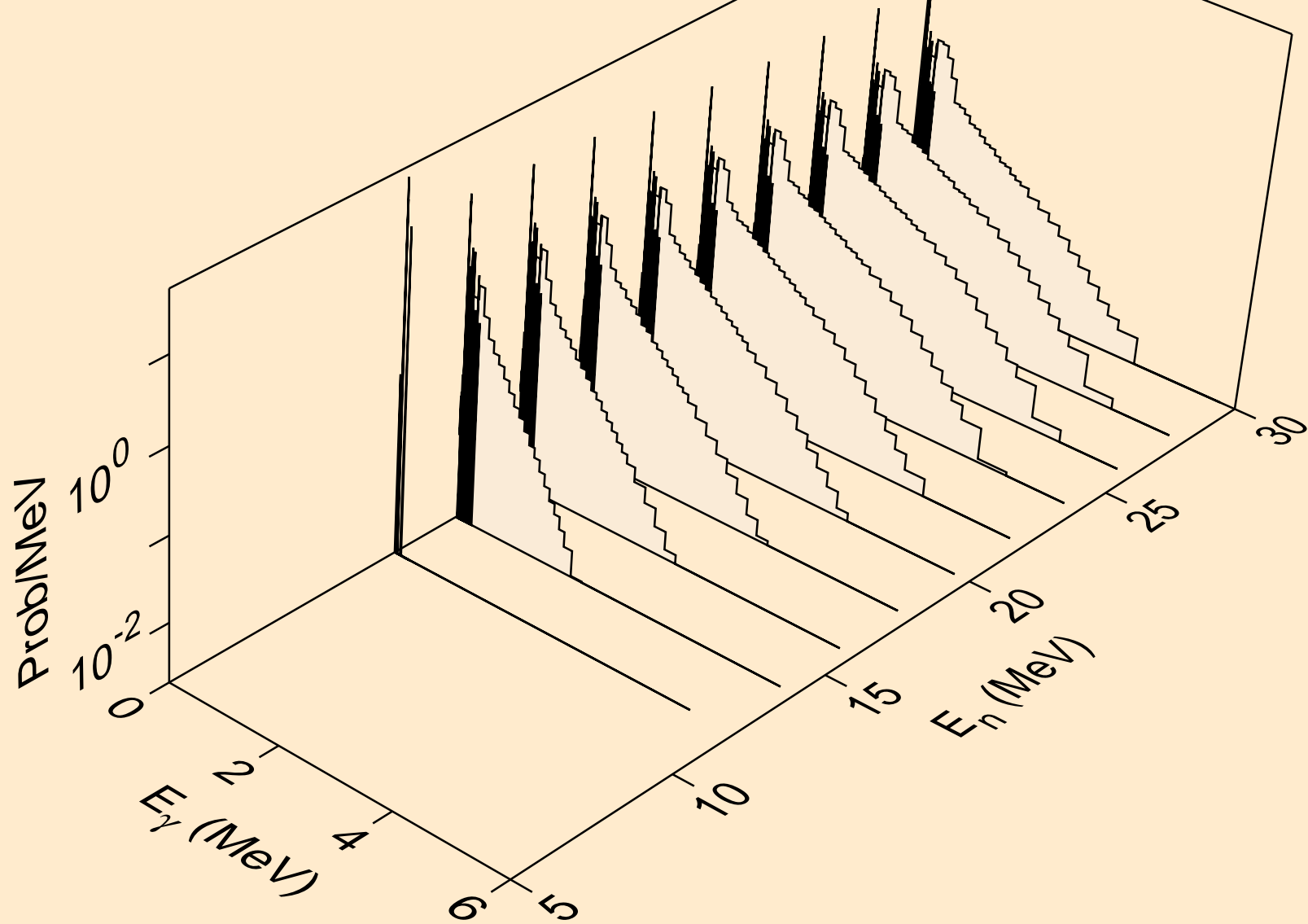
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

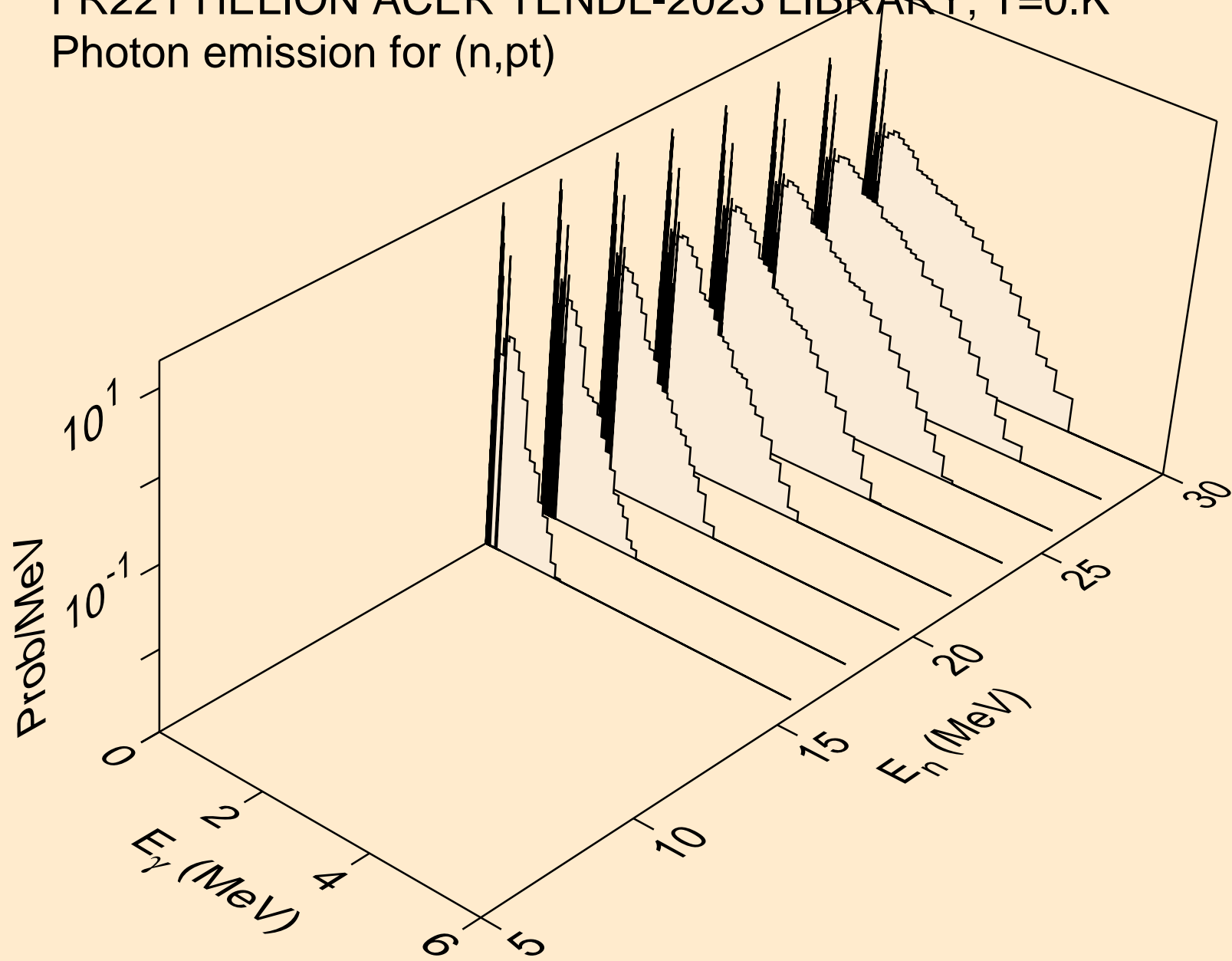


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

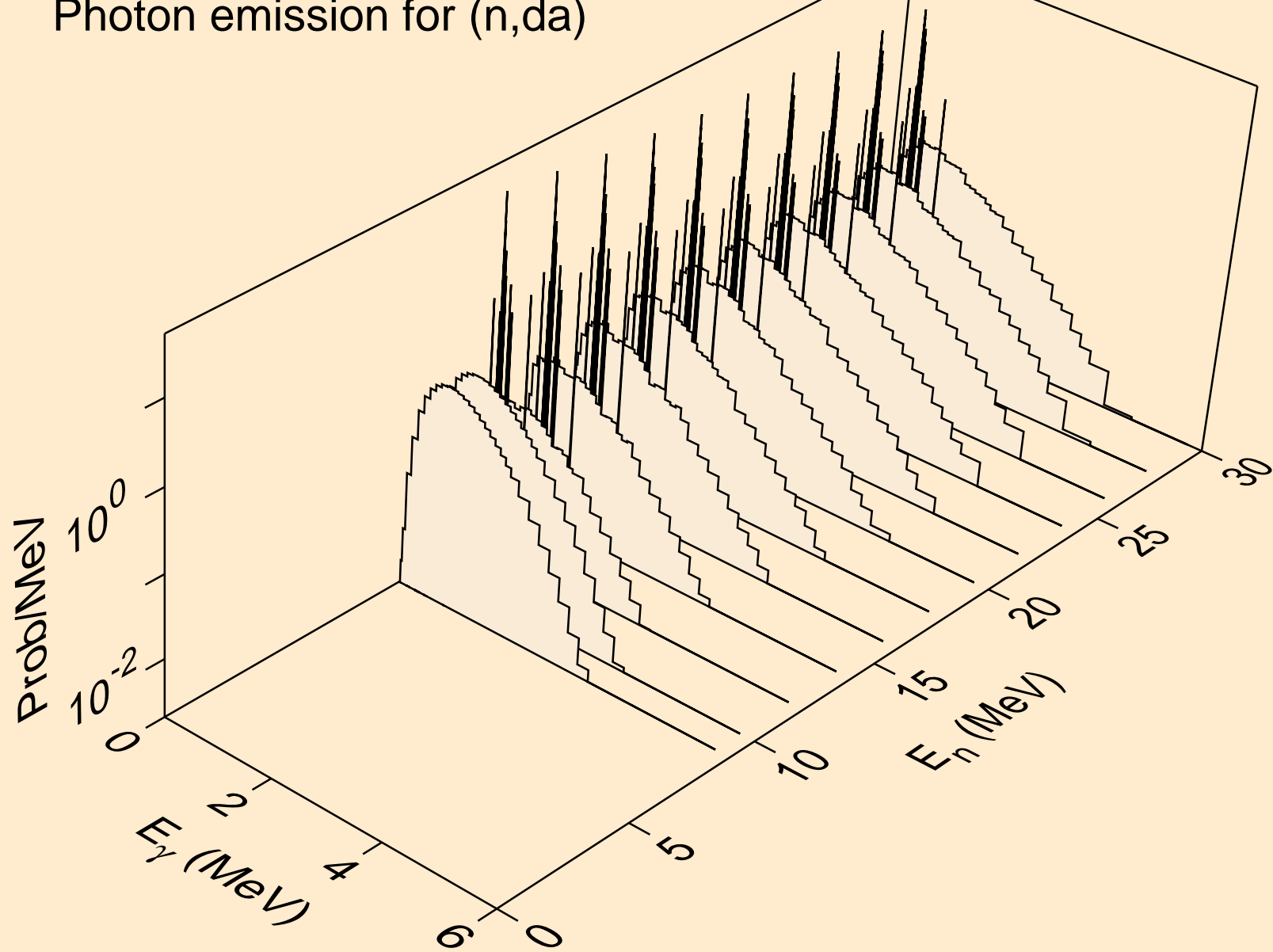




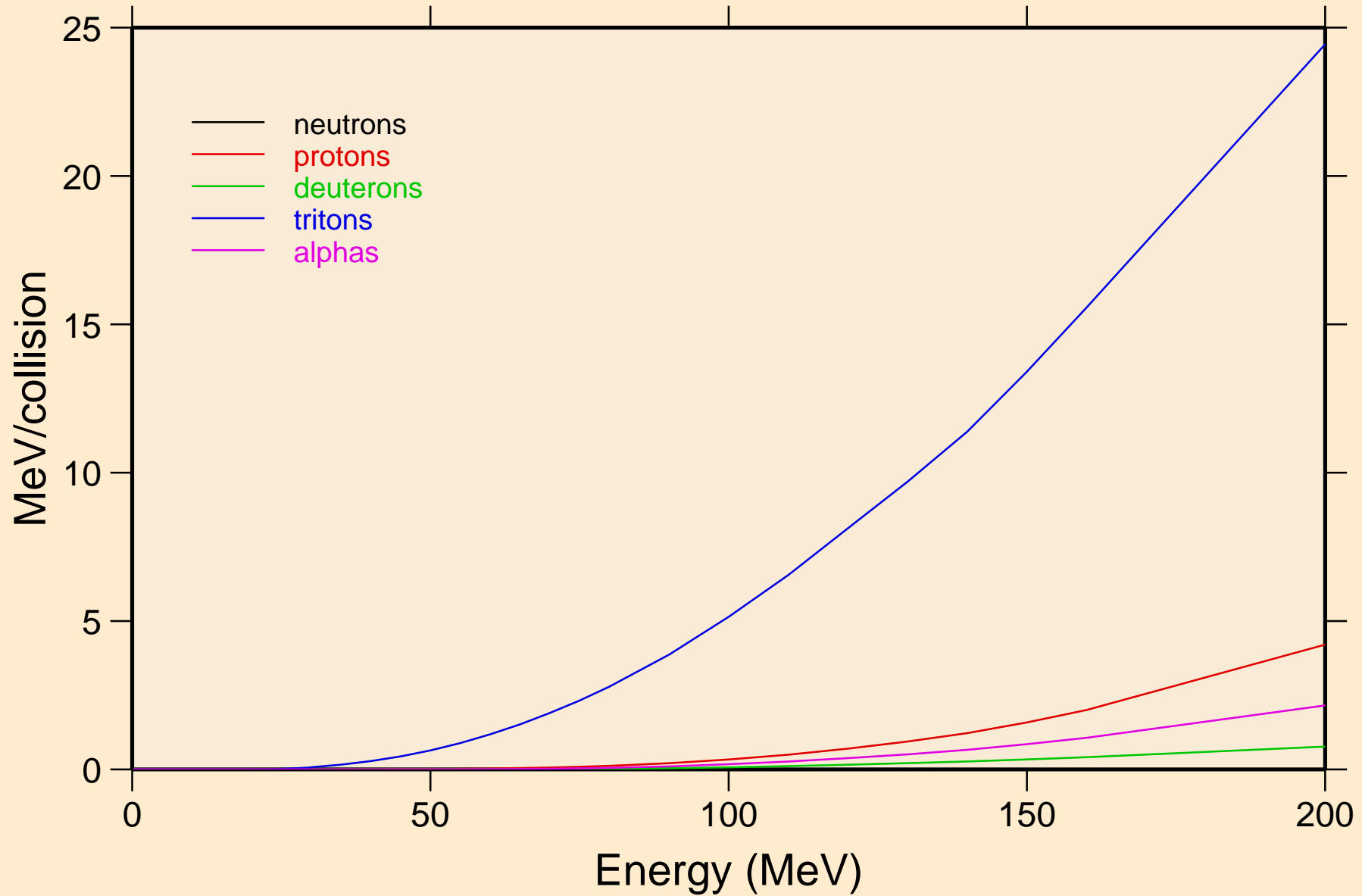
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



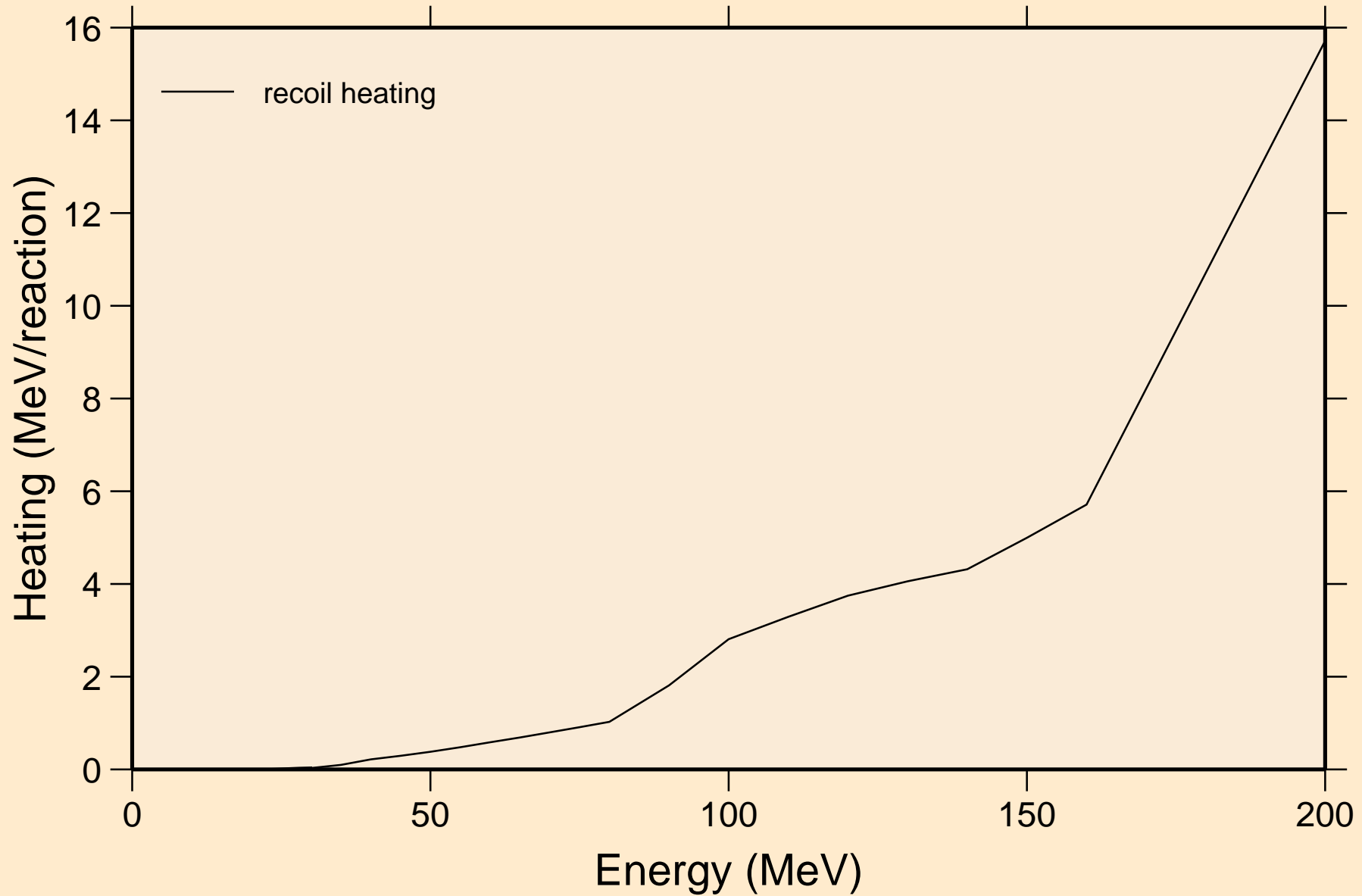
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



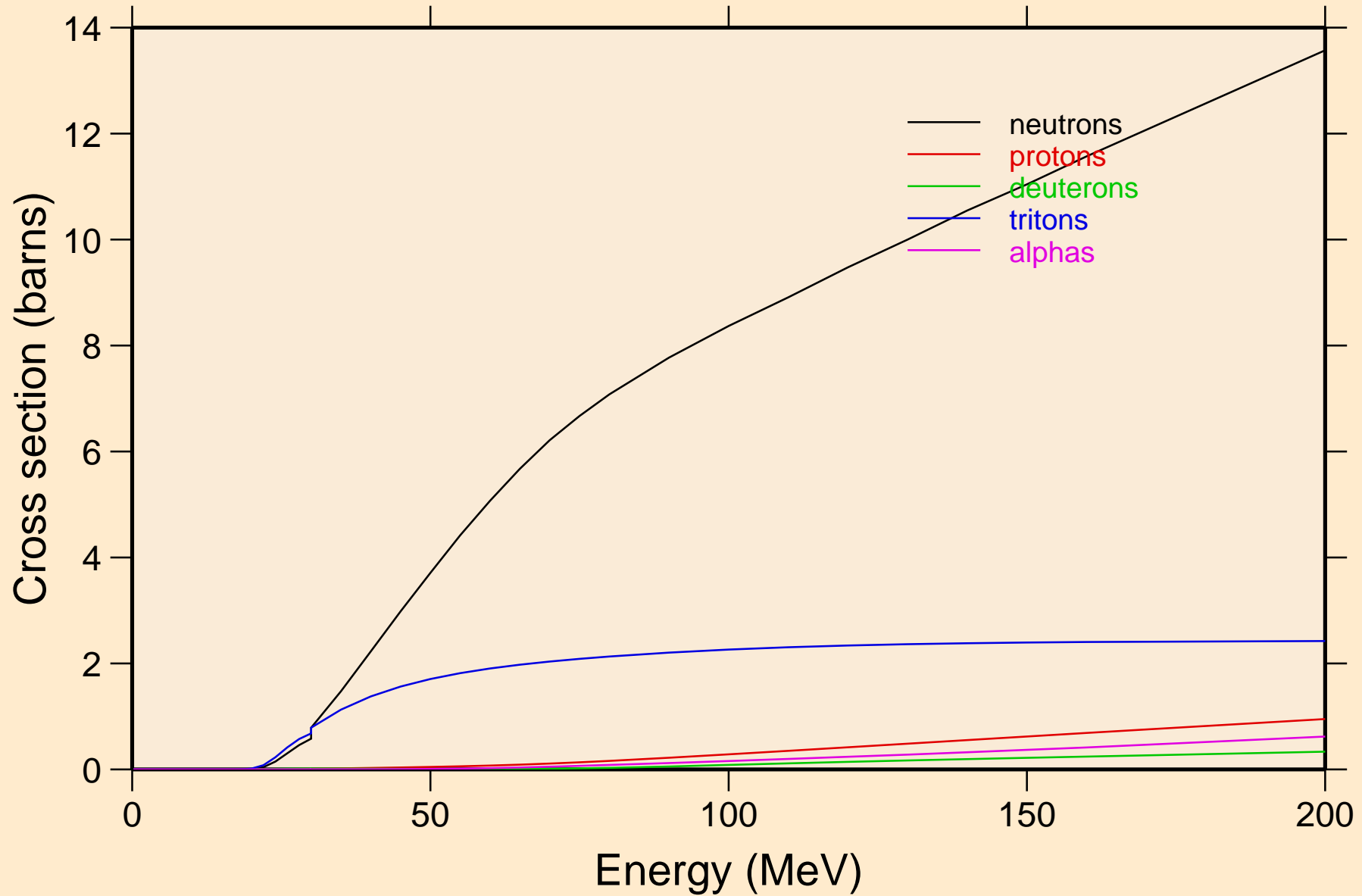
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



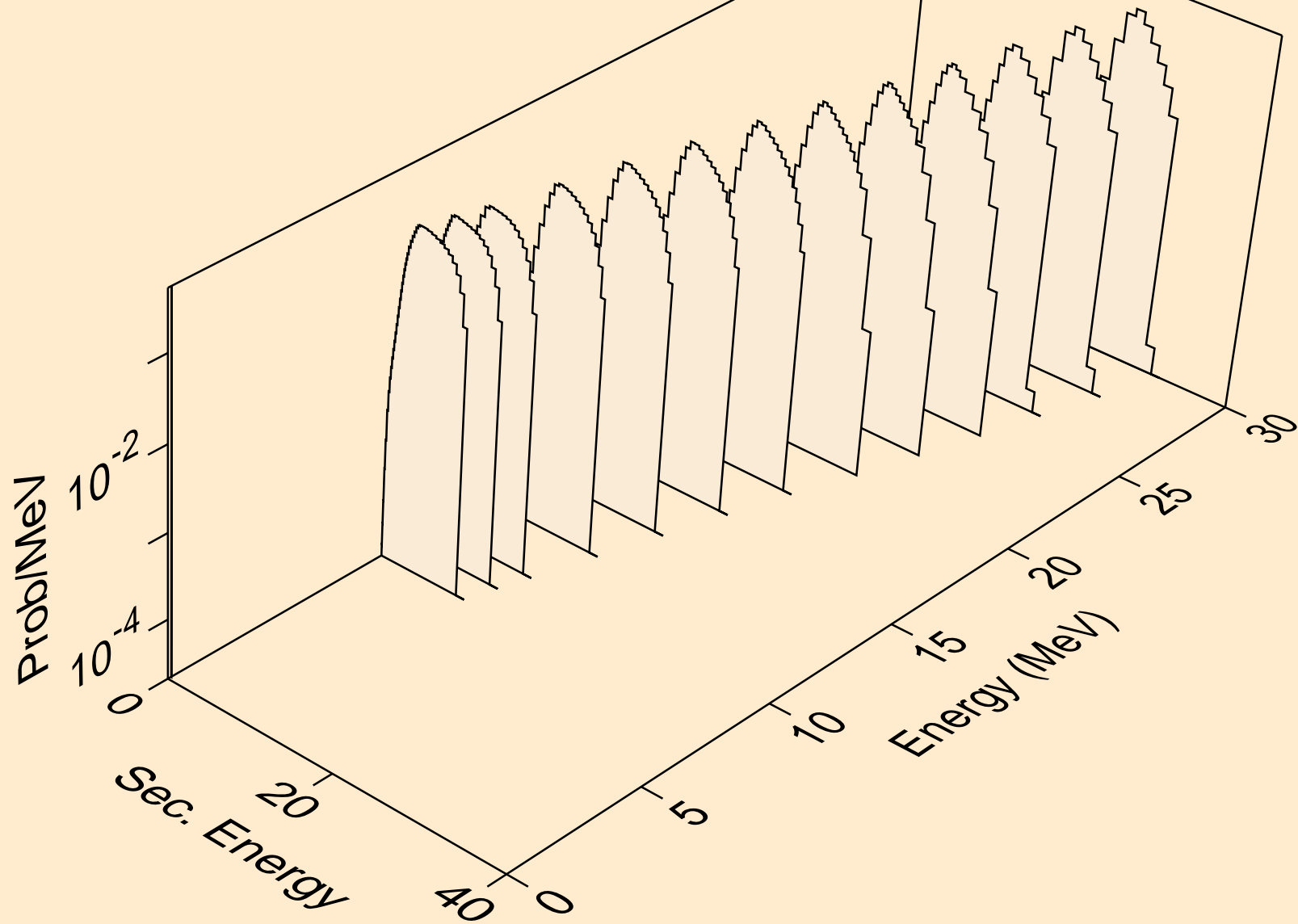
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



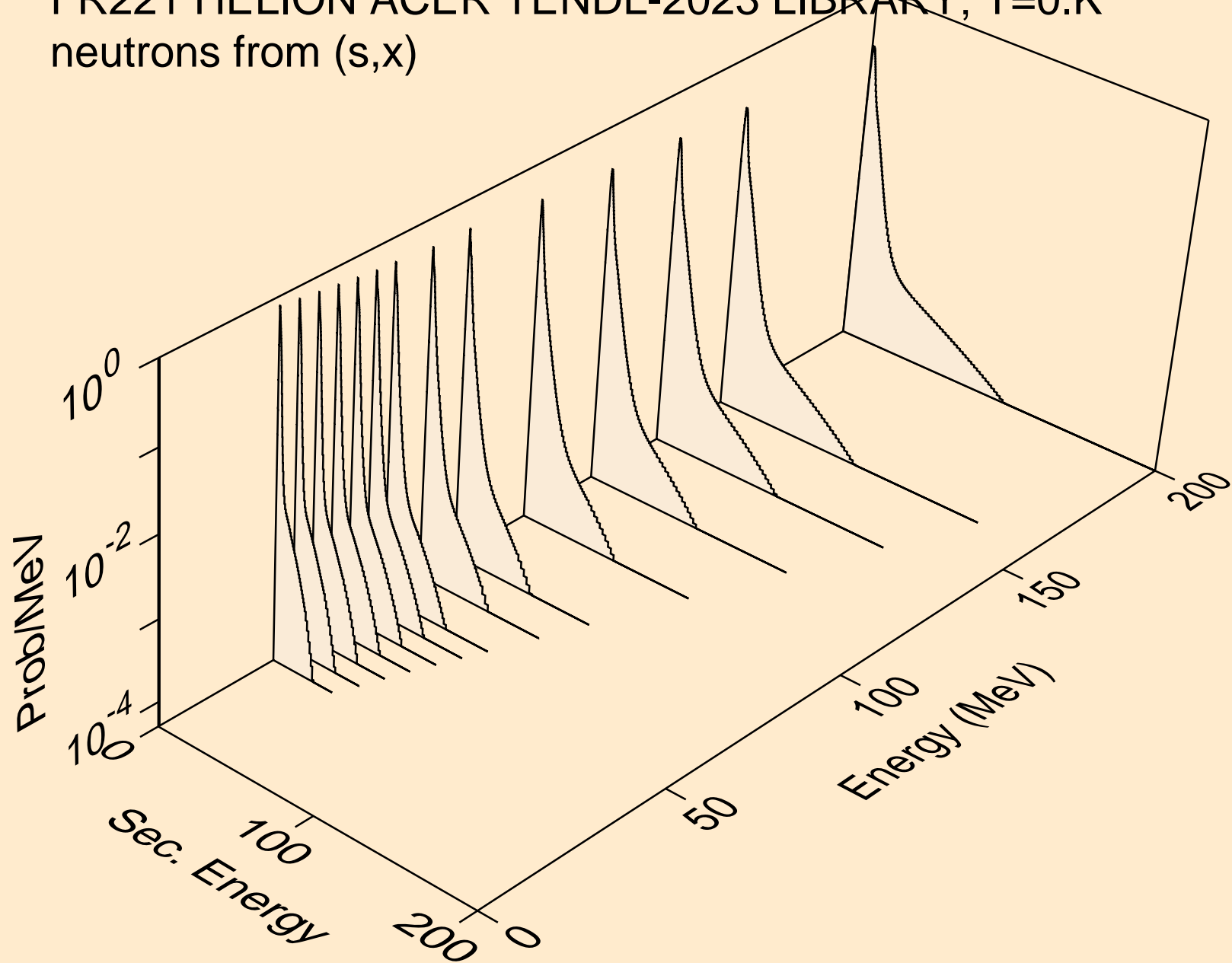
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



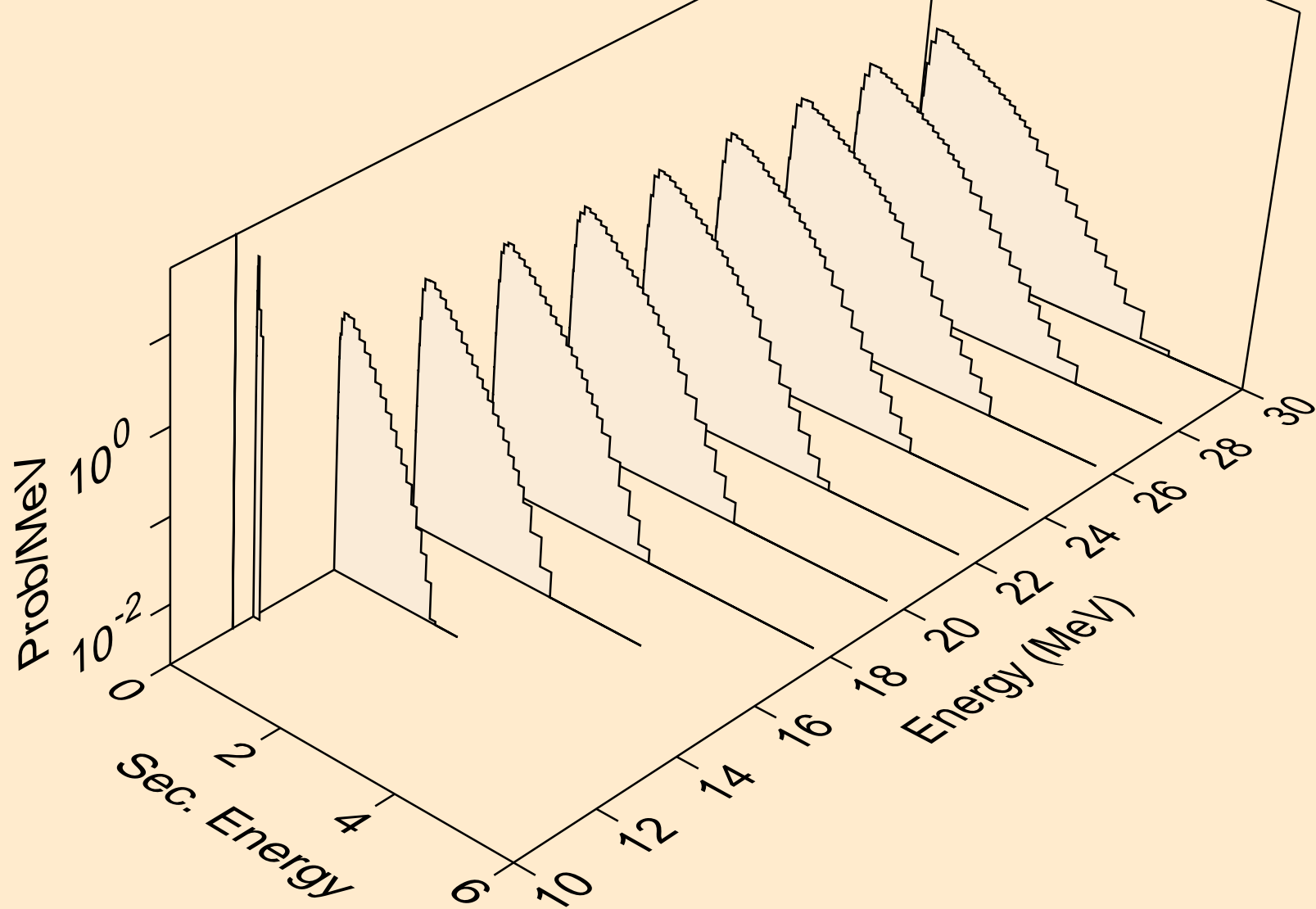
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

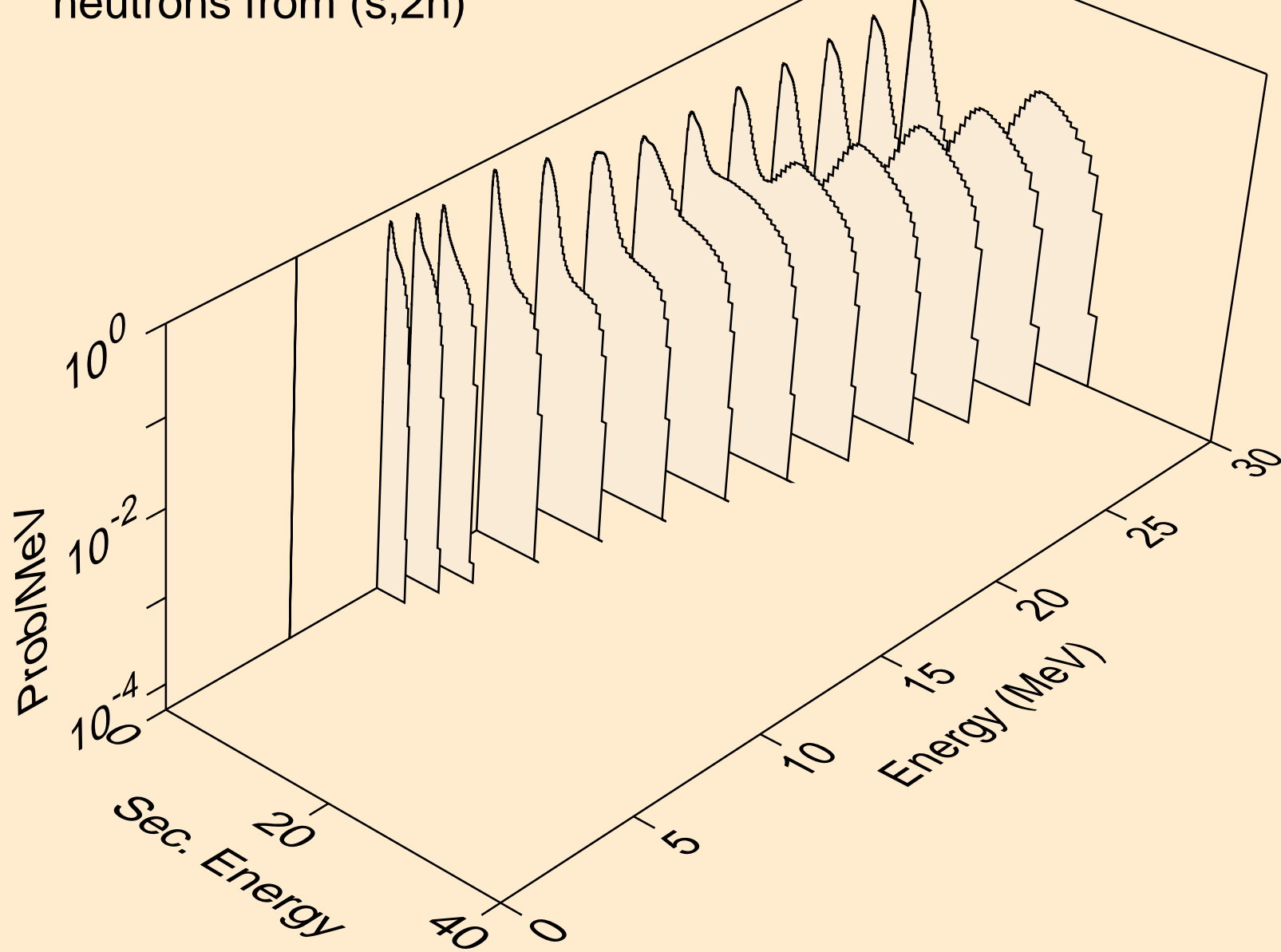


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)

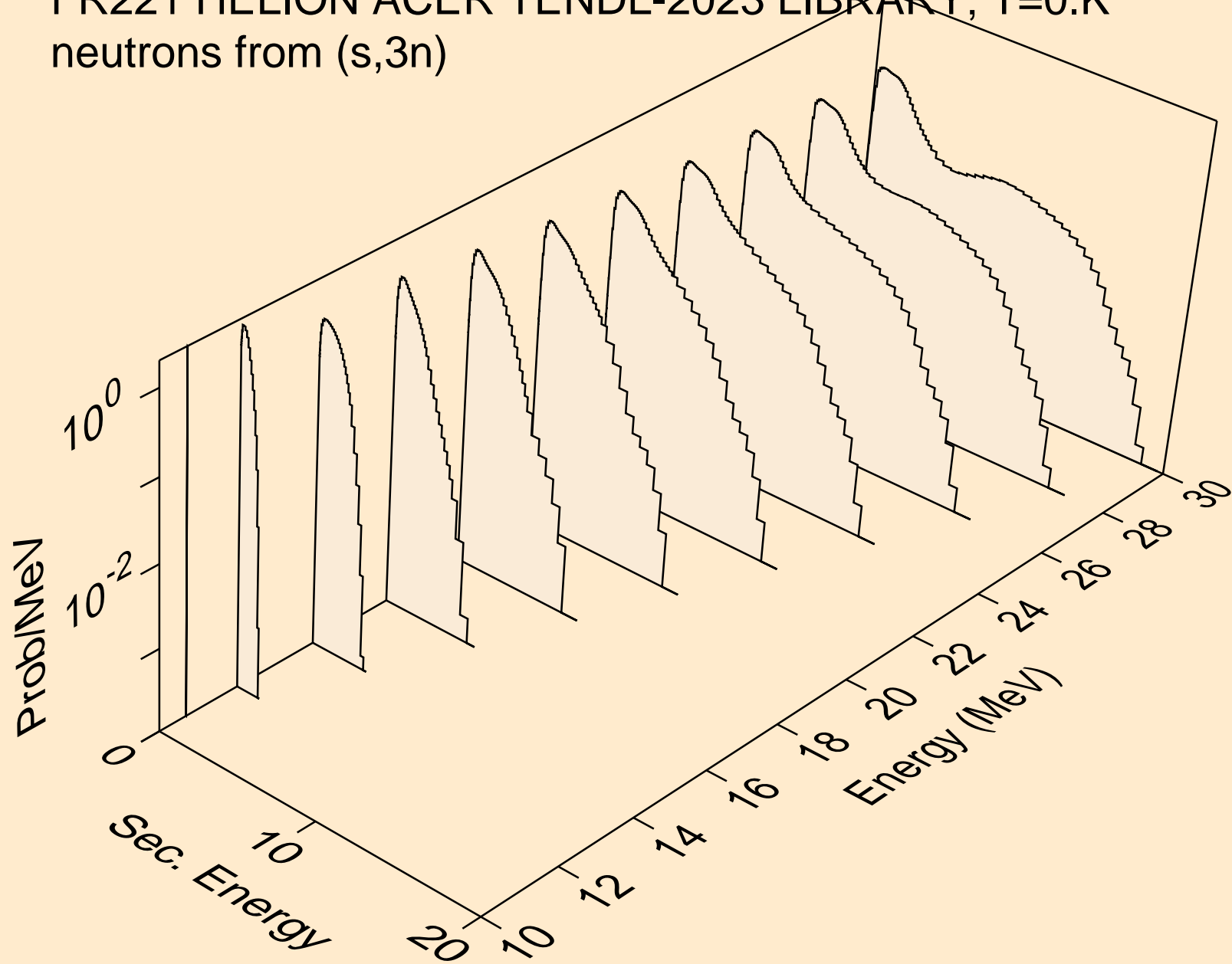




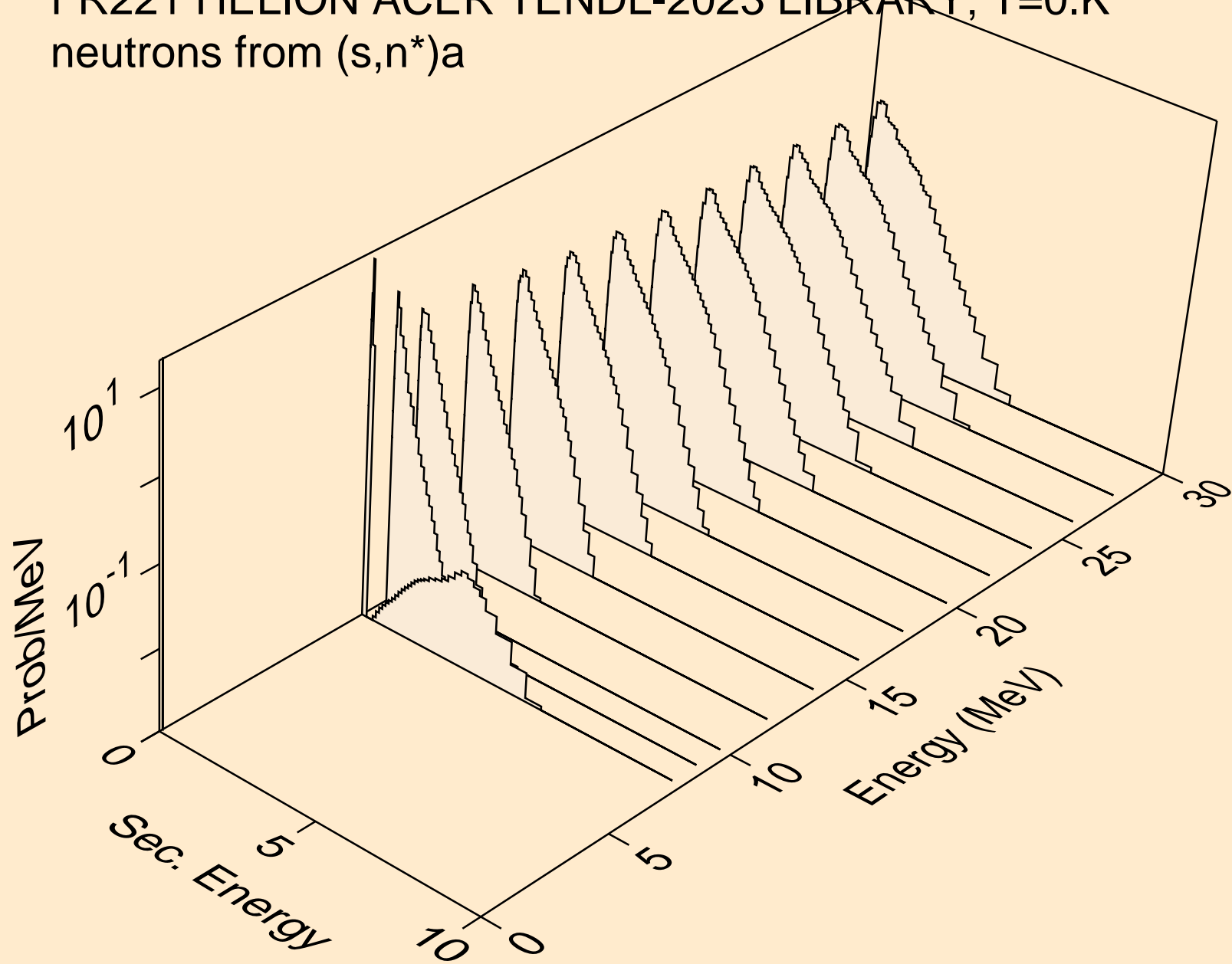
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



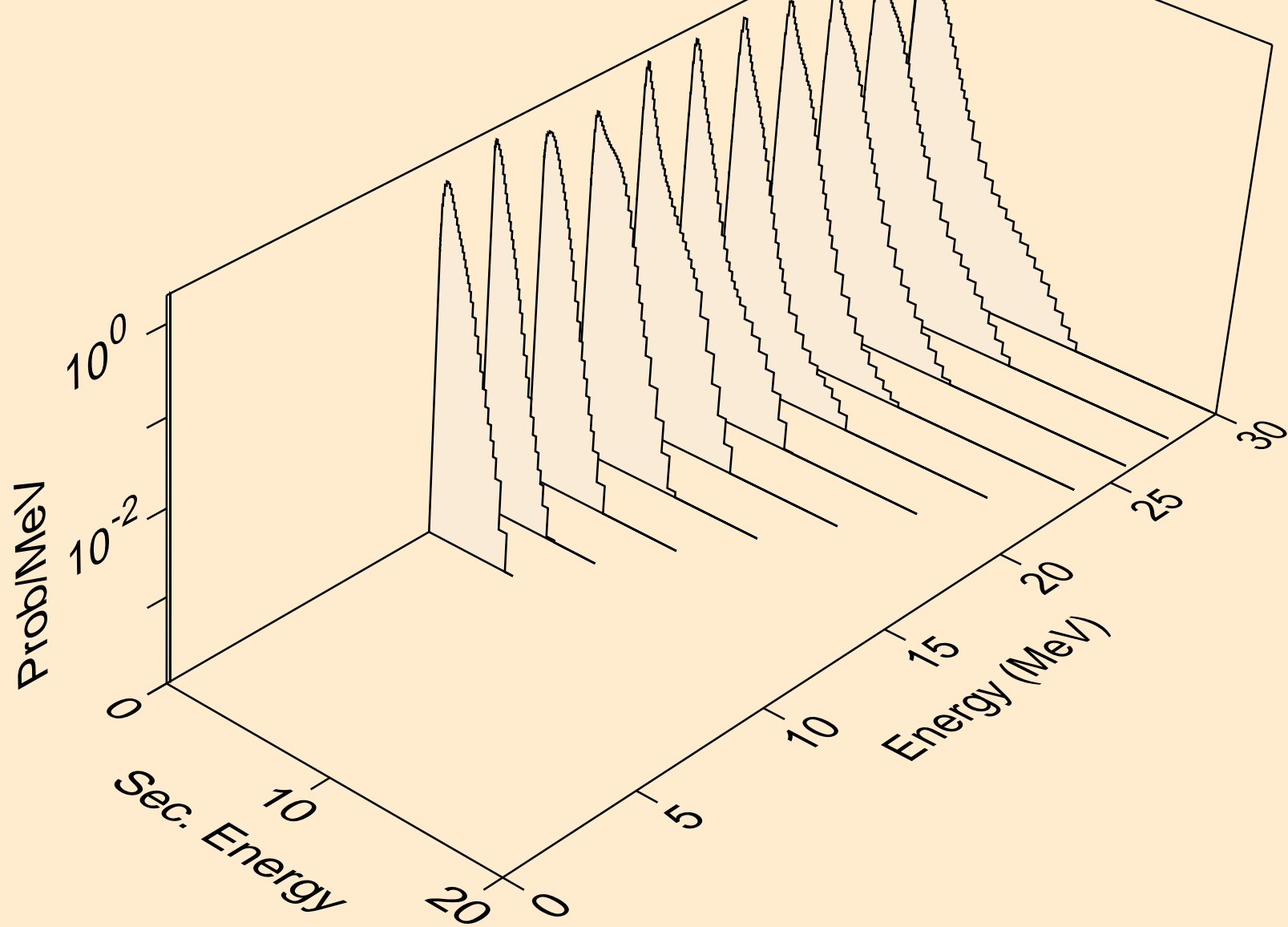
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



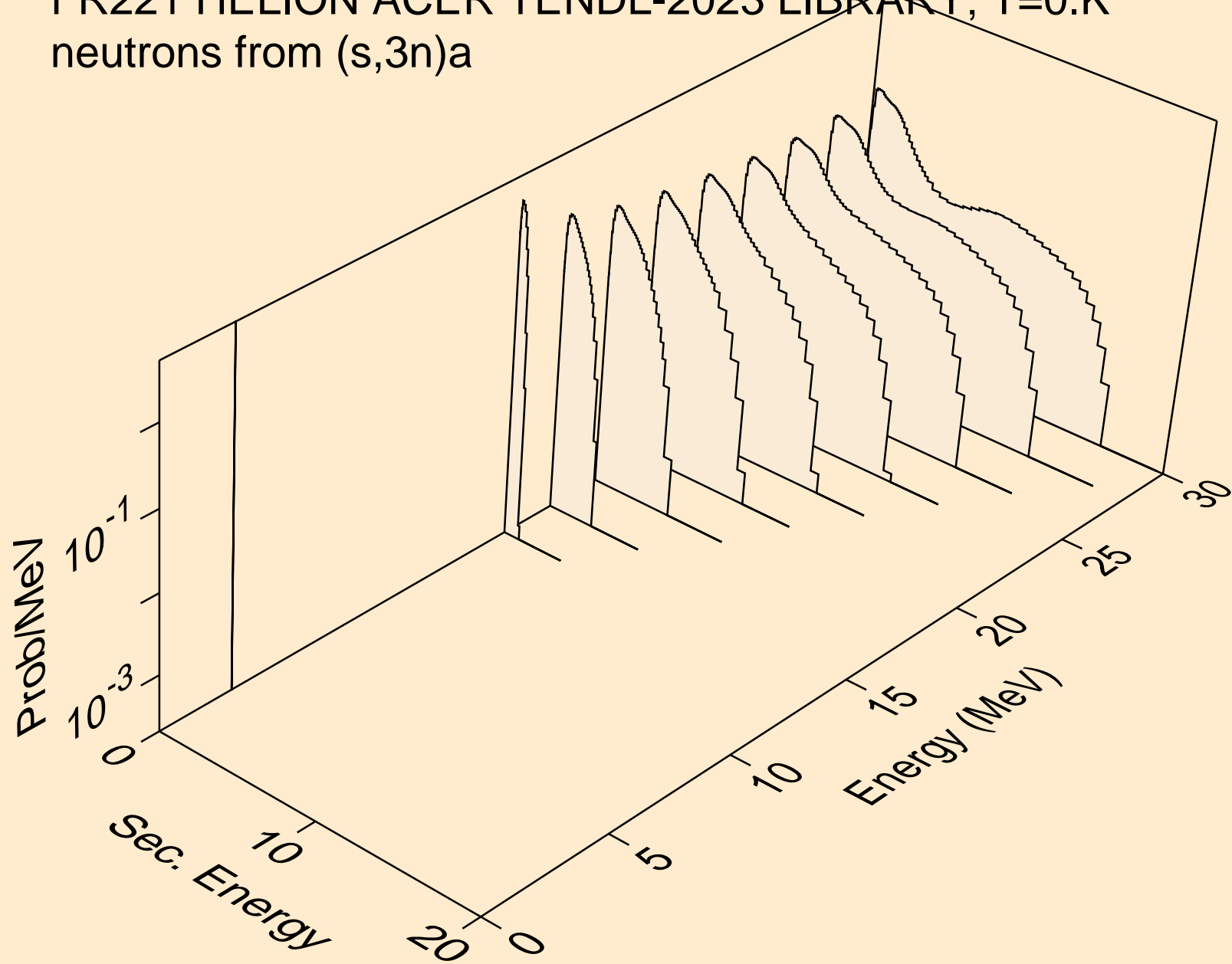
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



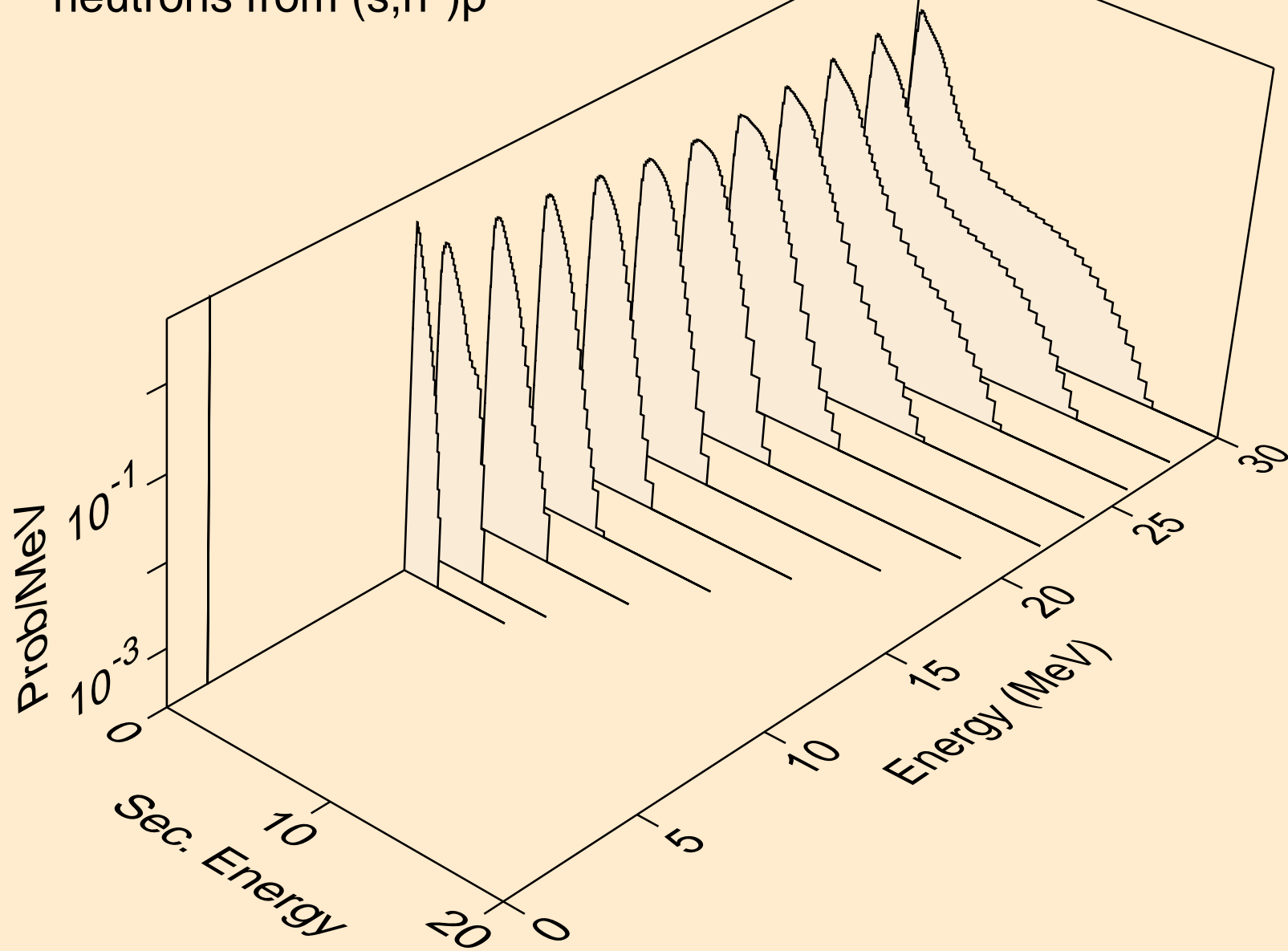
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neutrons from (s,2n)a



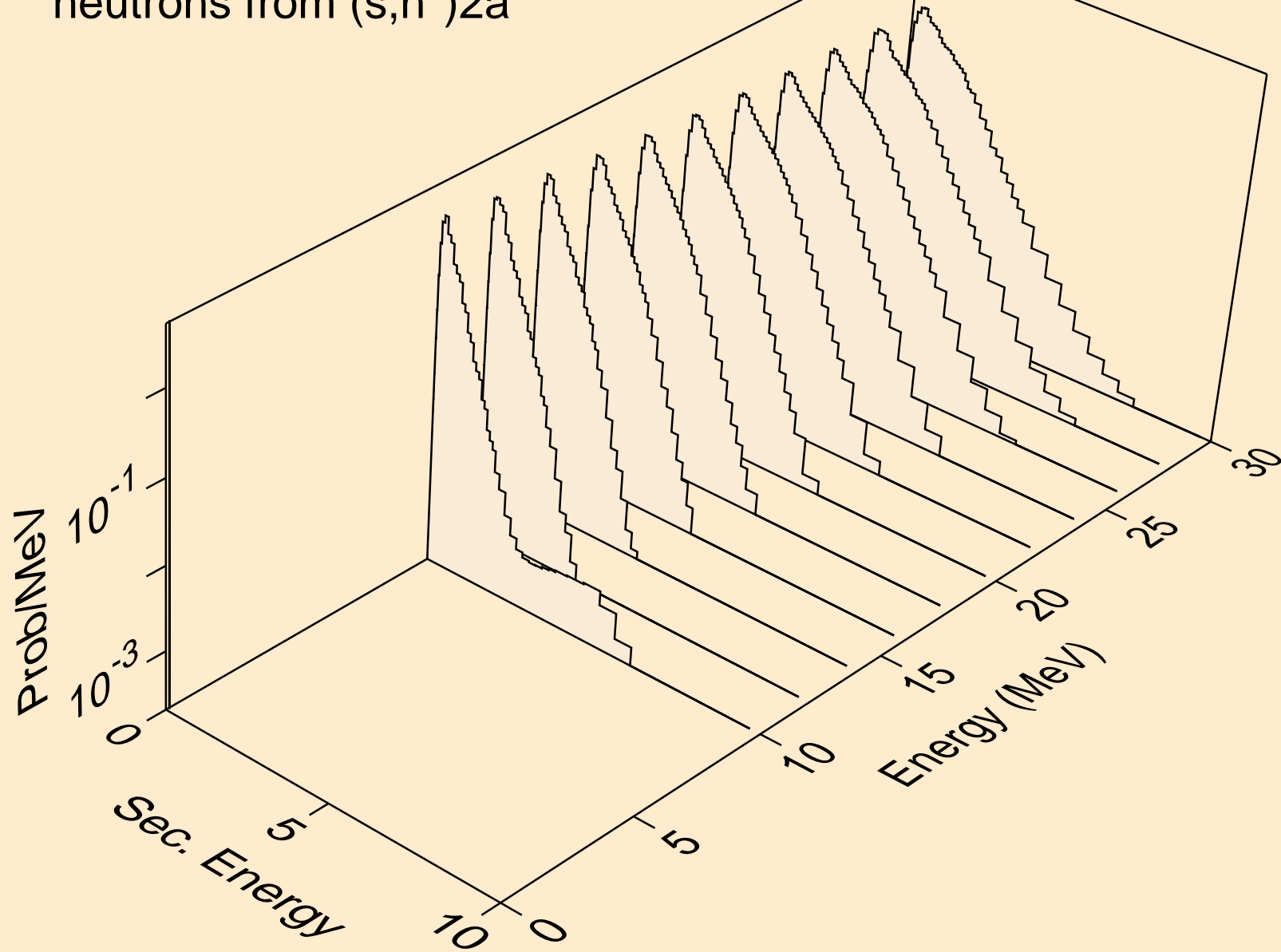
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neutrons from (s,3n)a



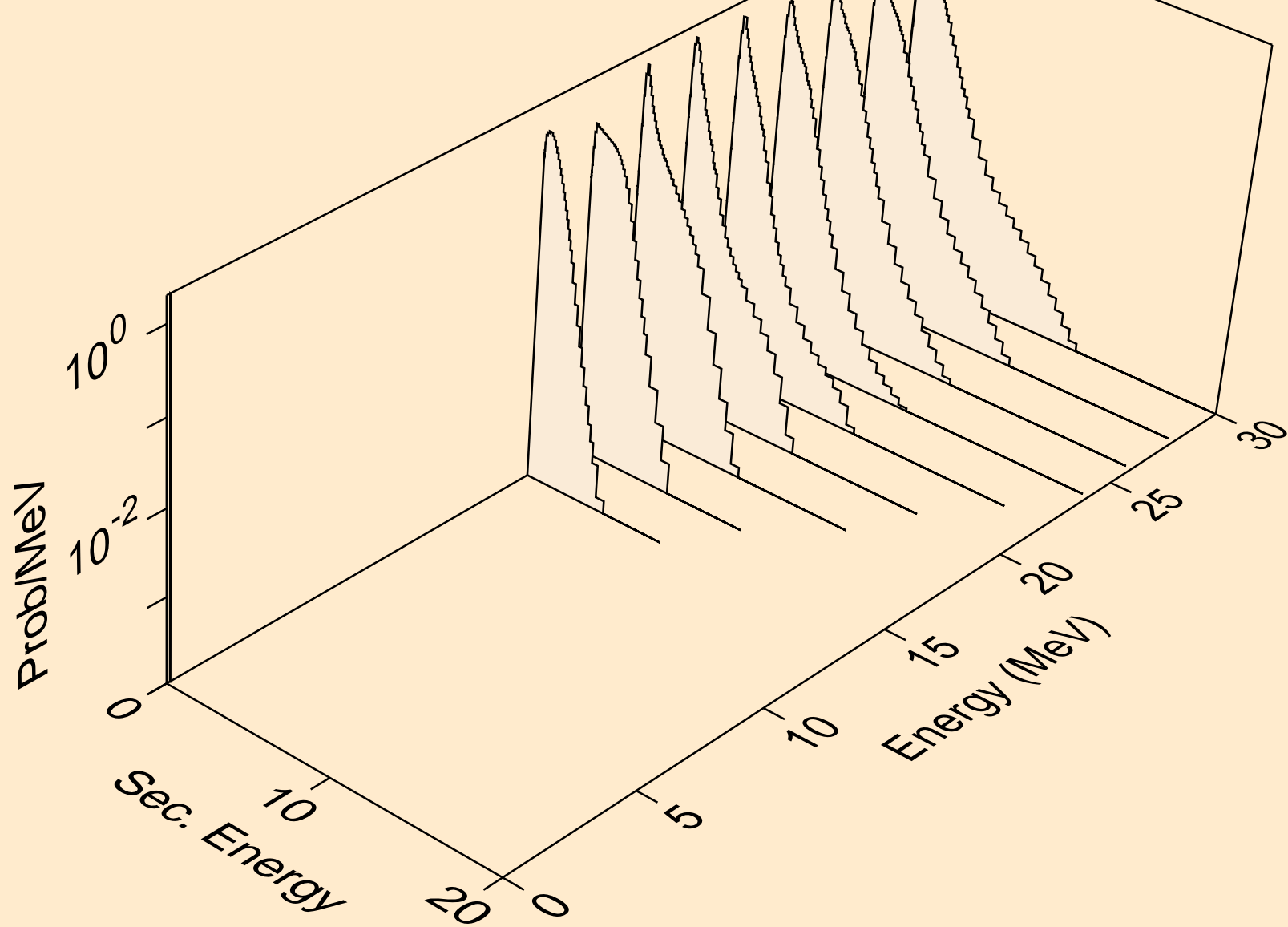
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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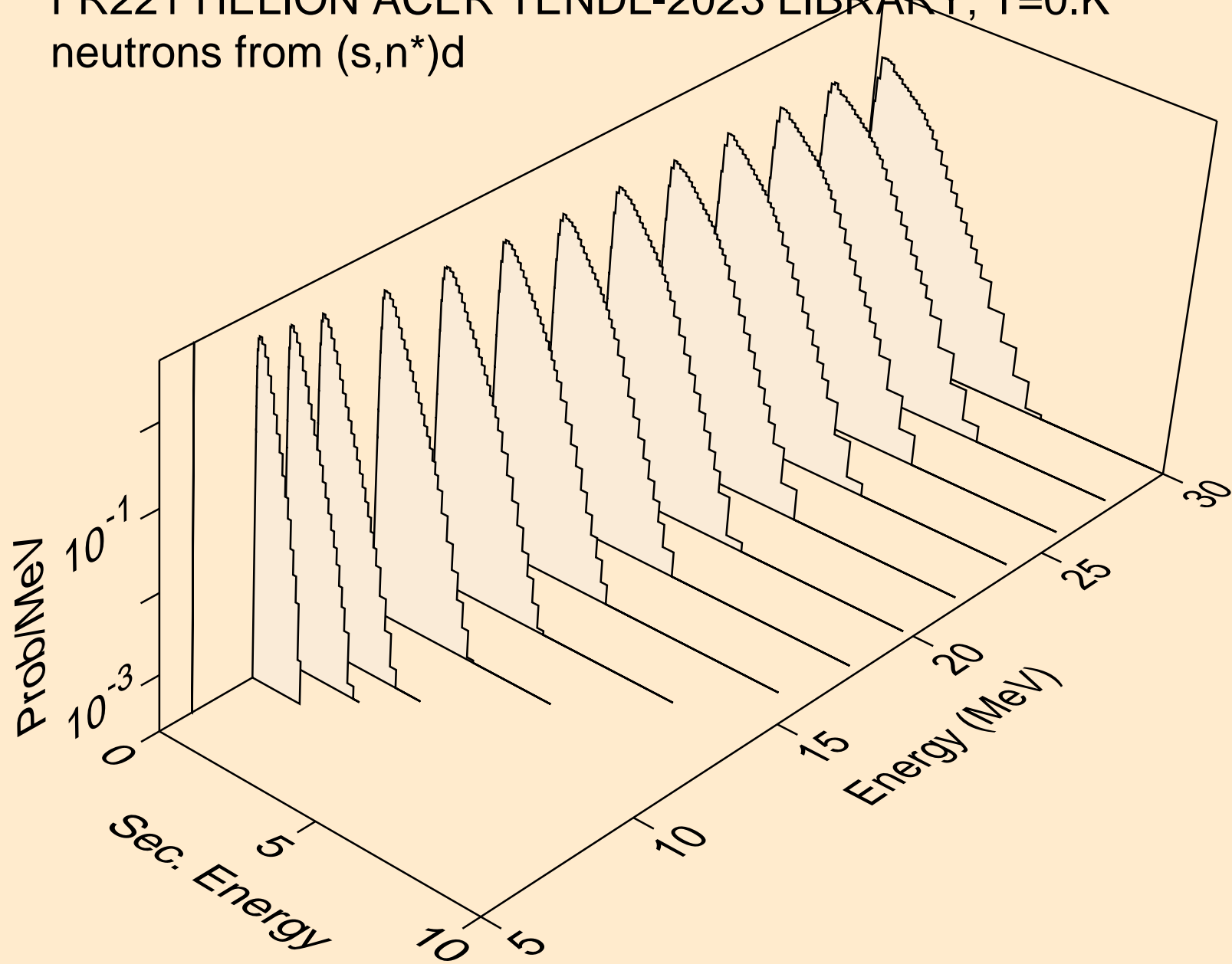


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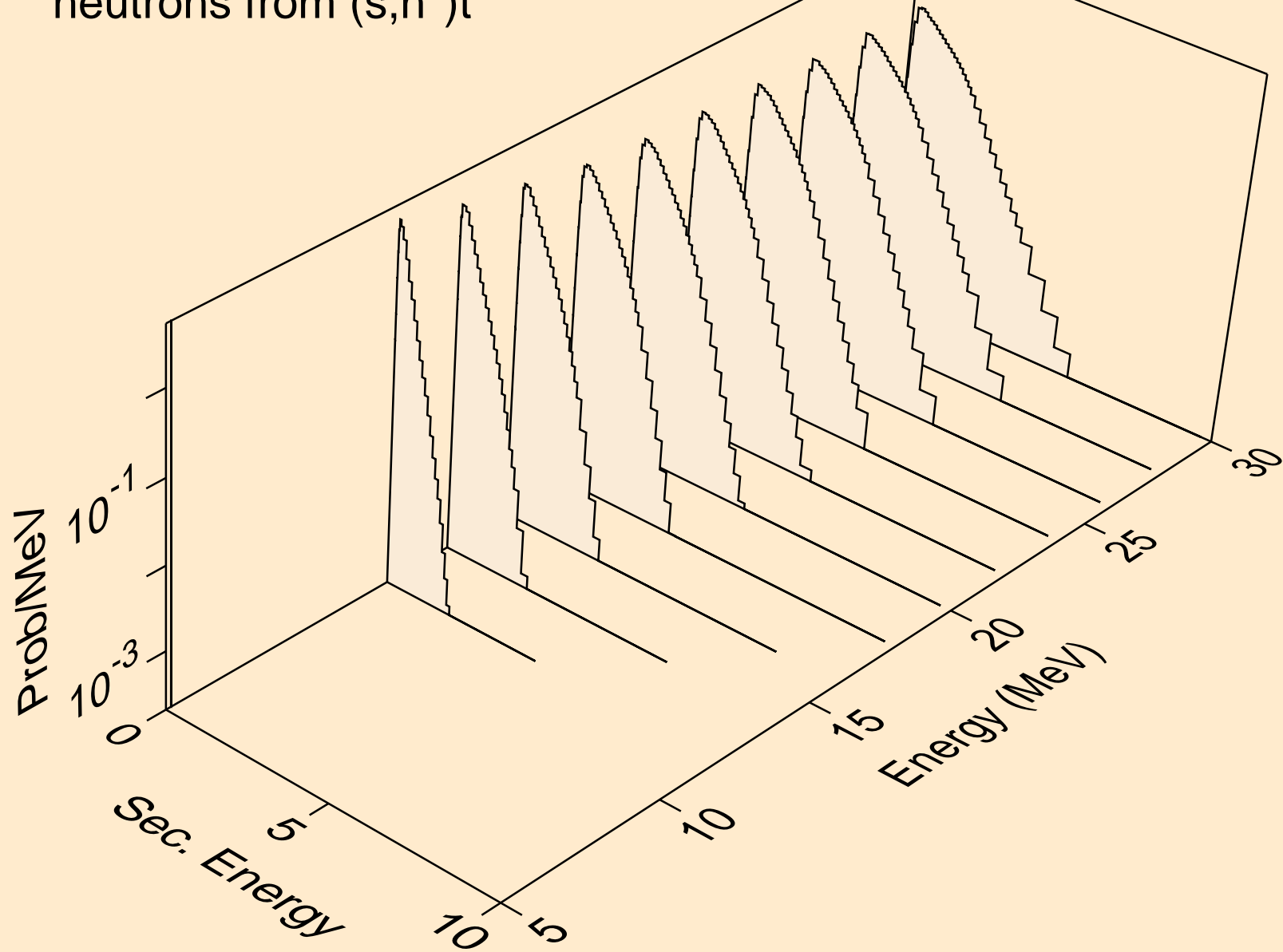




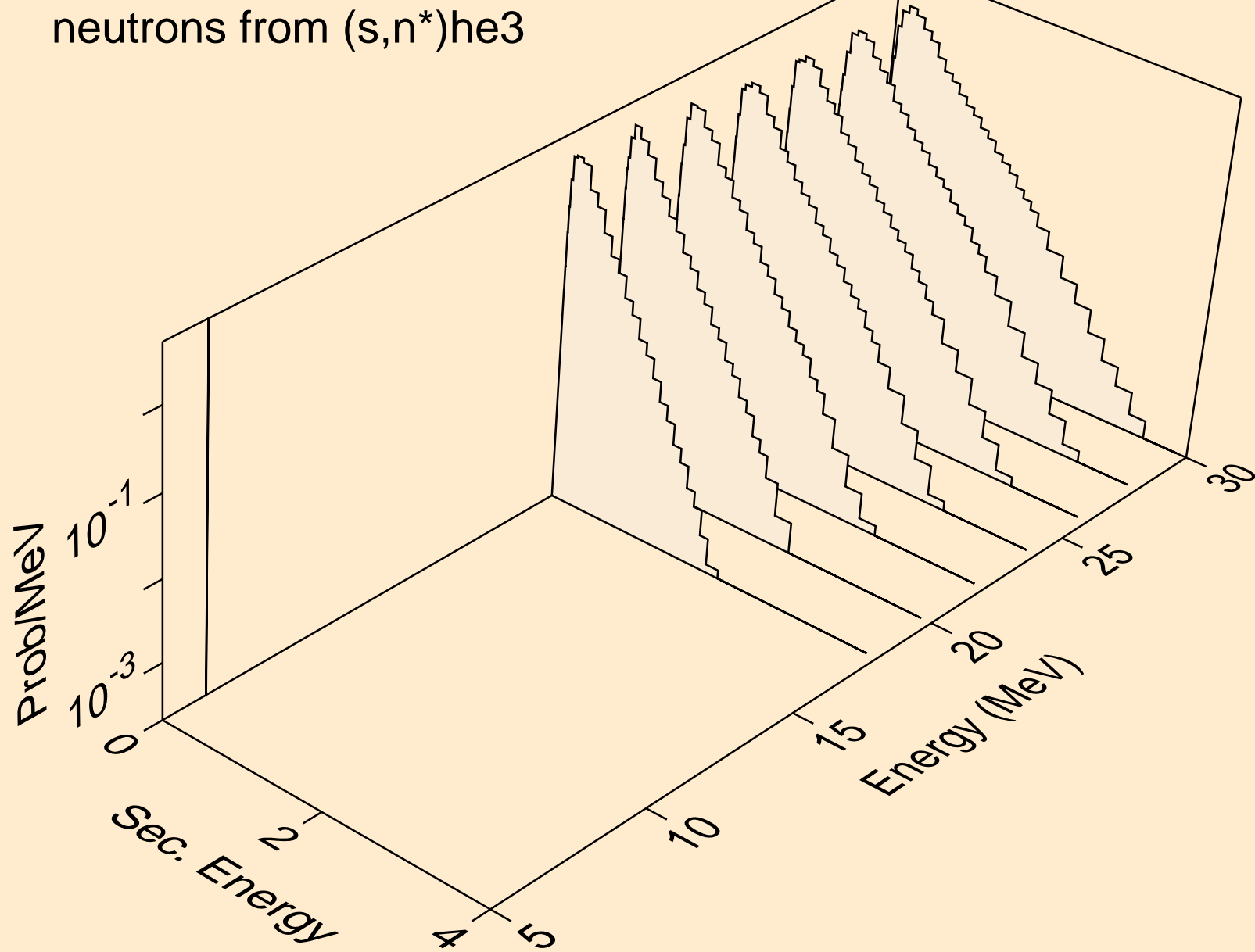
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



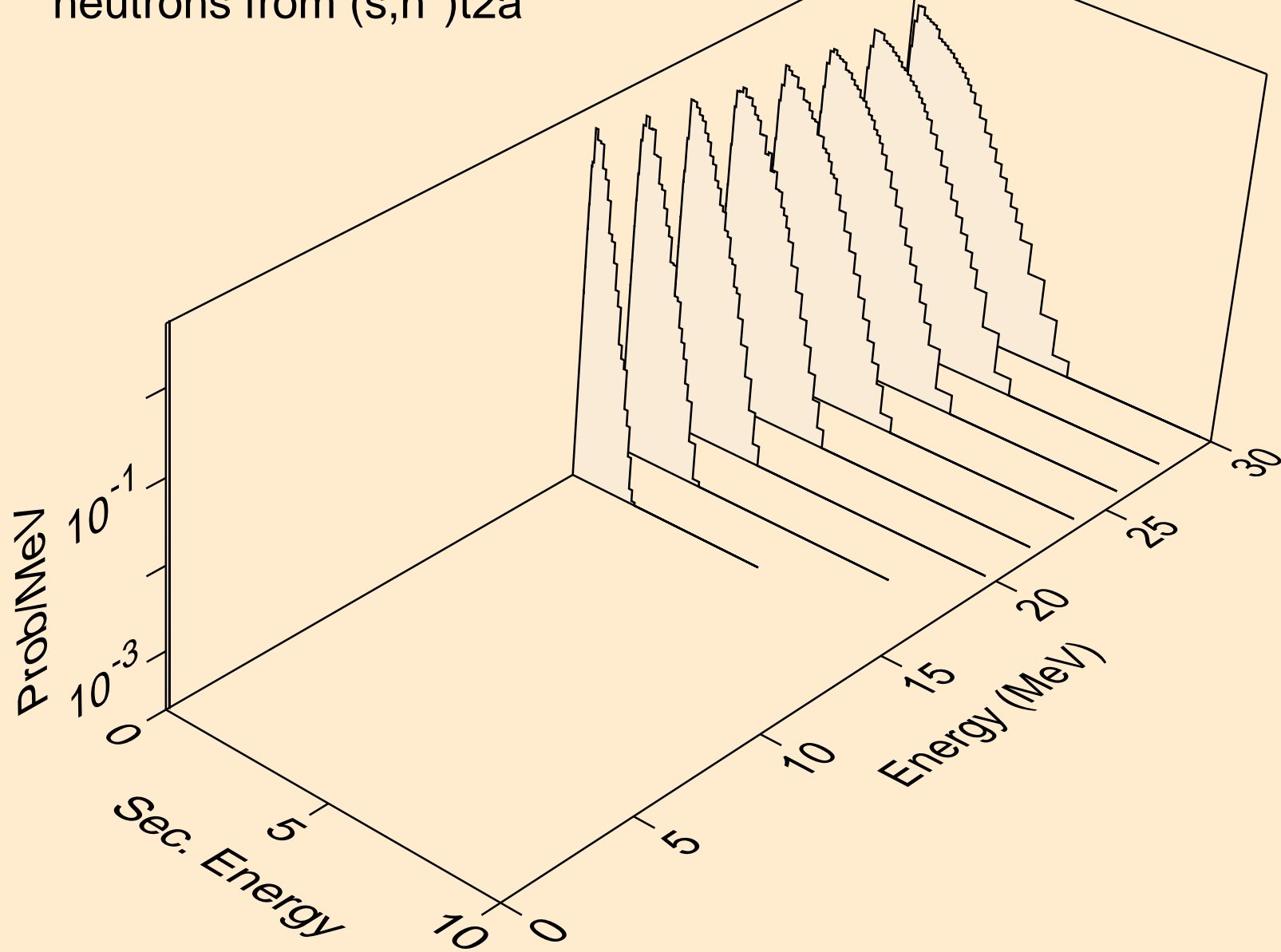
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neutrons from (s,n\*)t



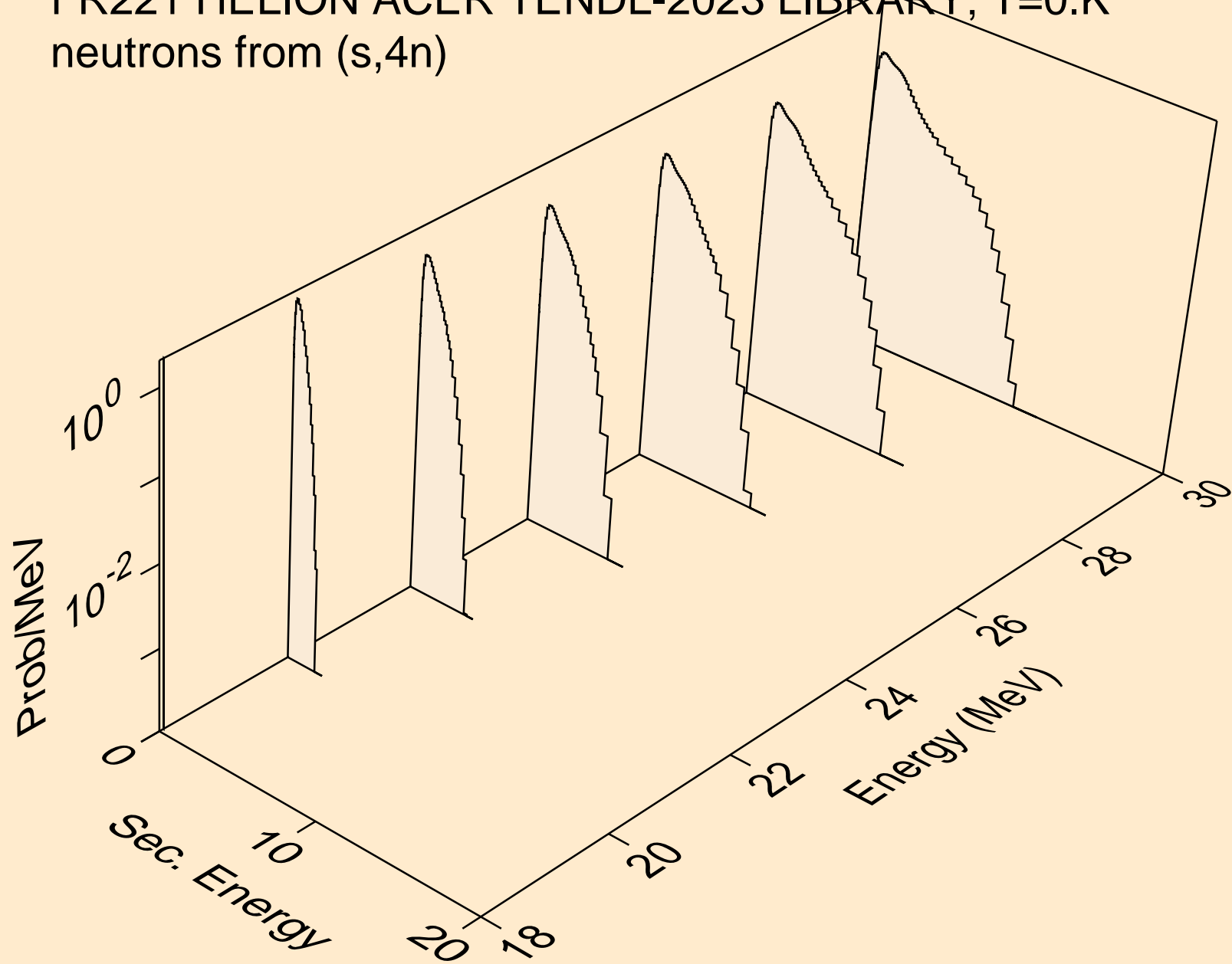
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



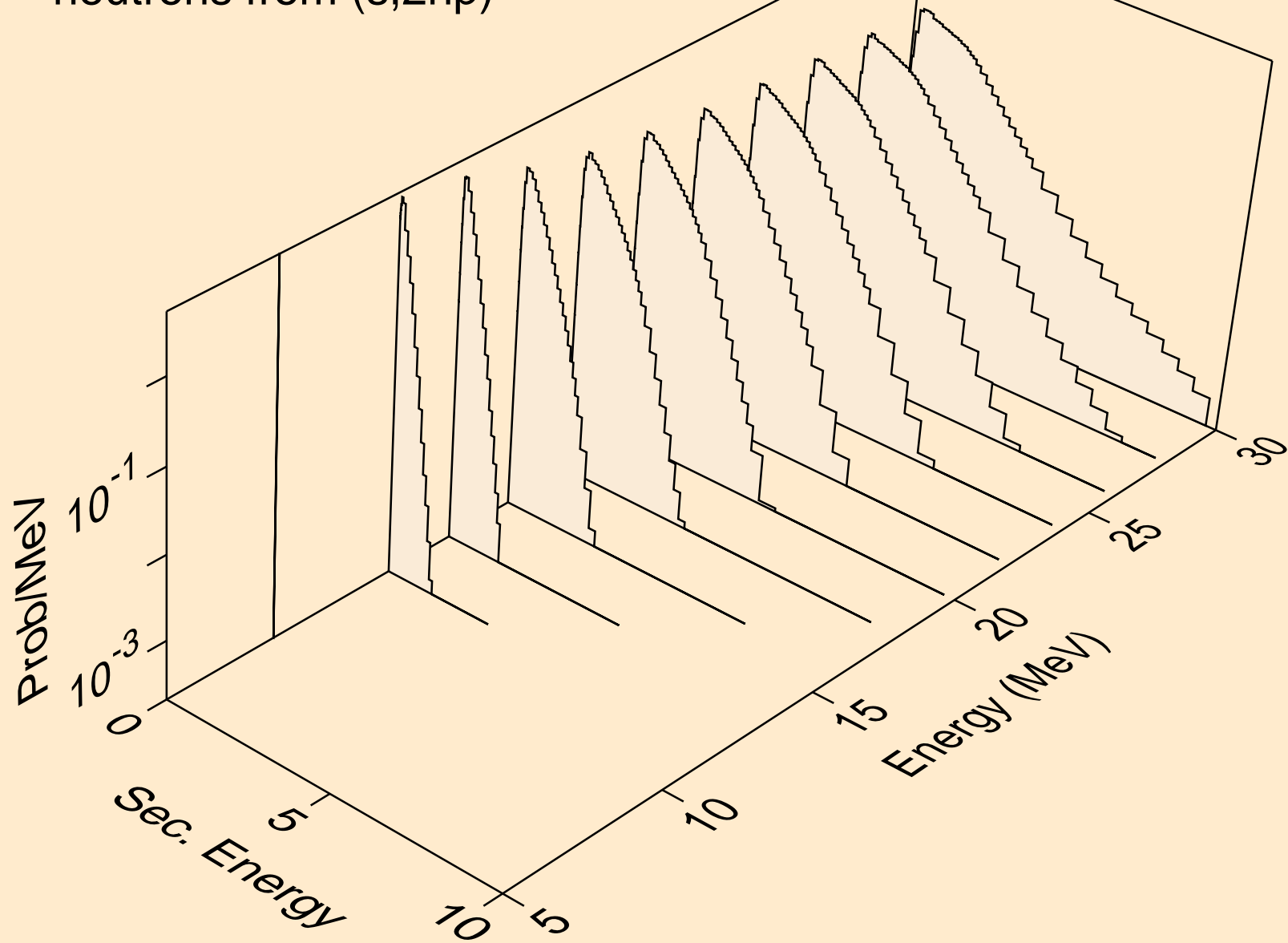
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t2a



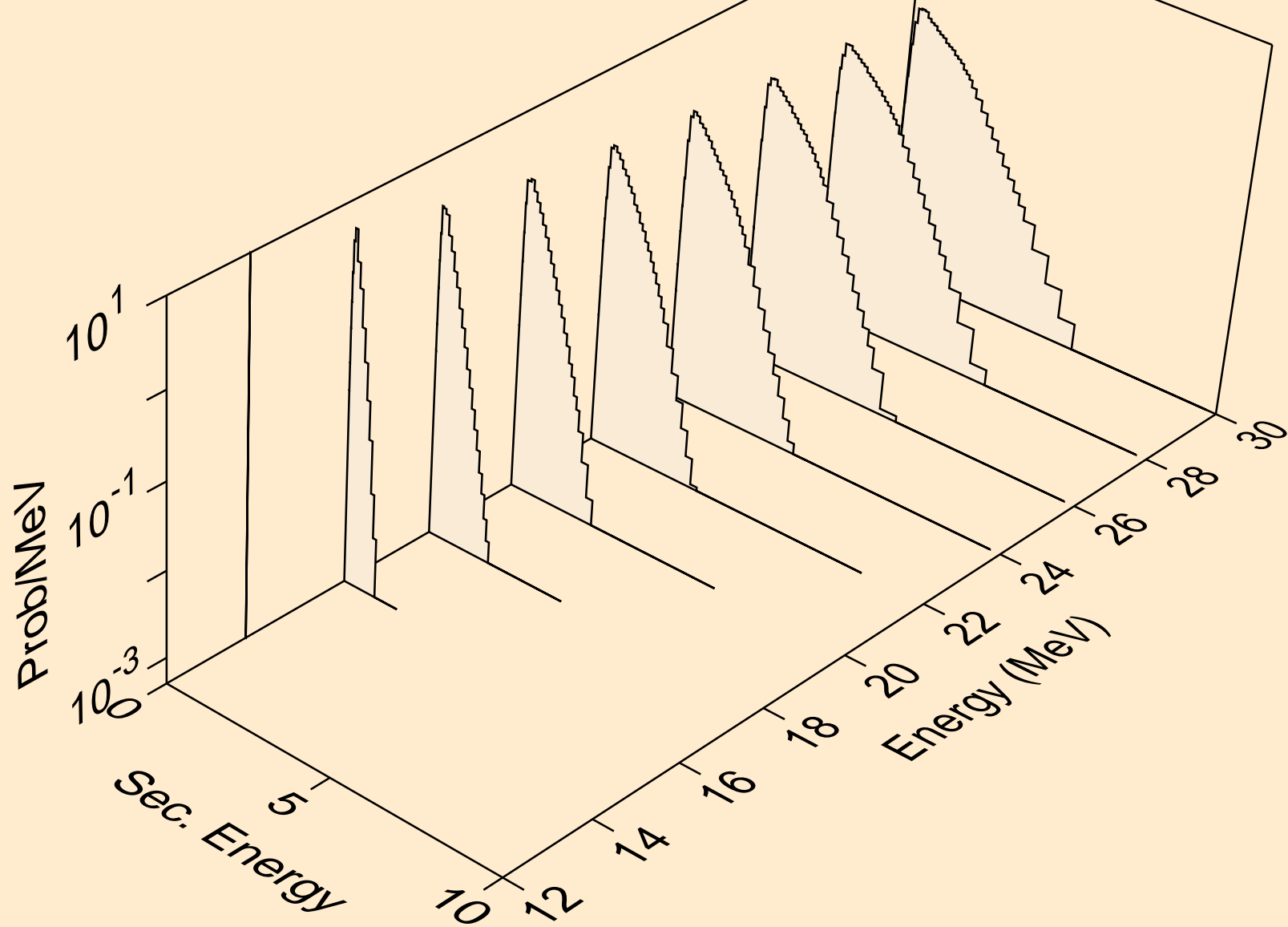
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



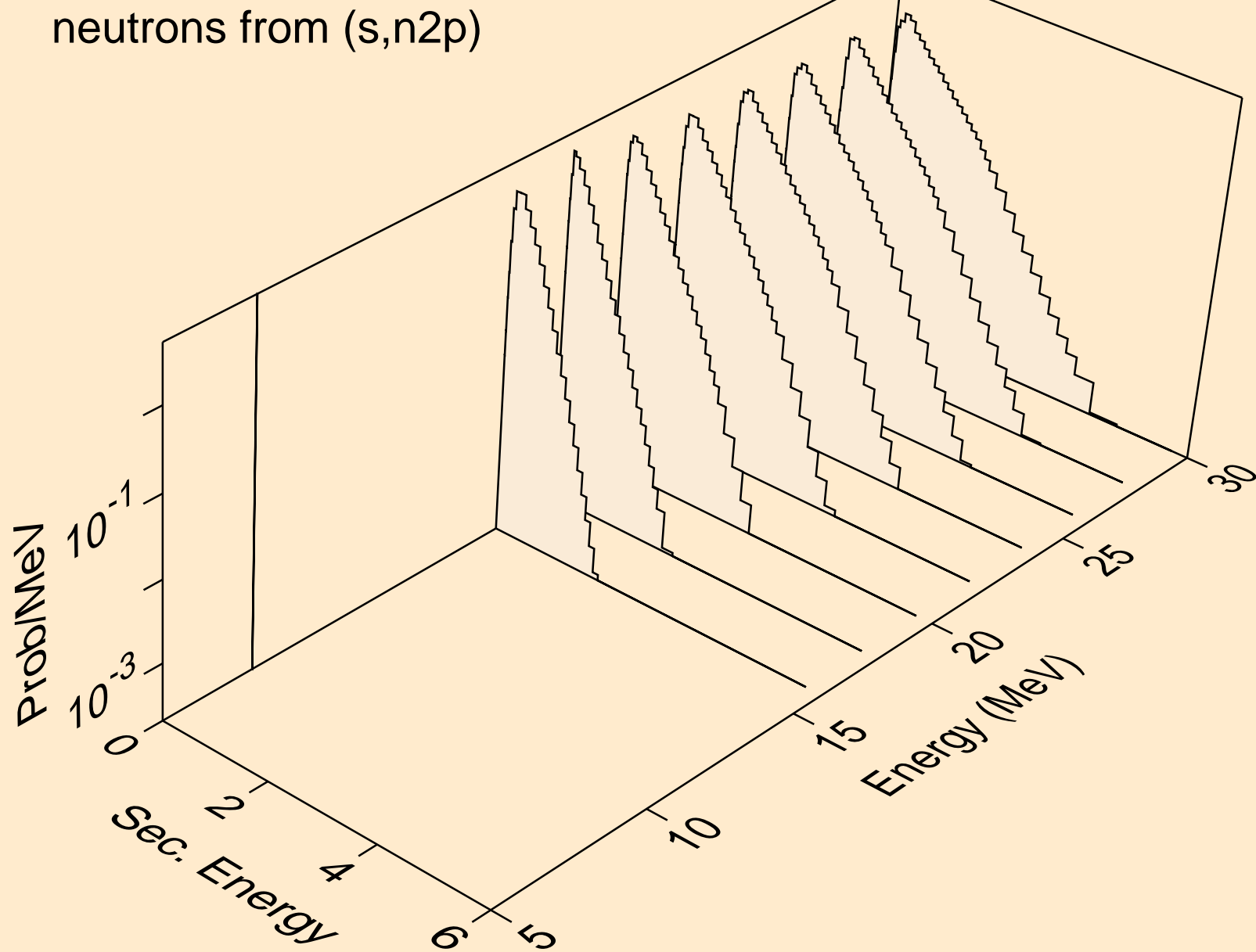
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)

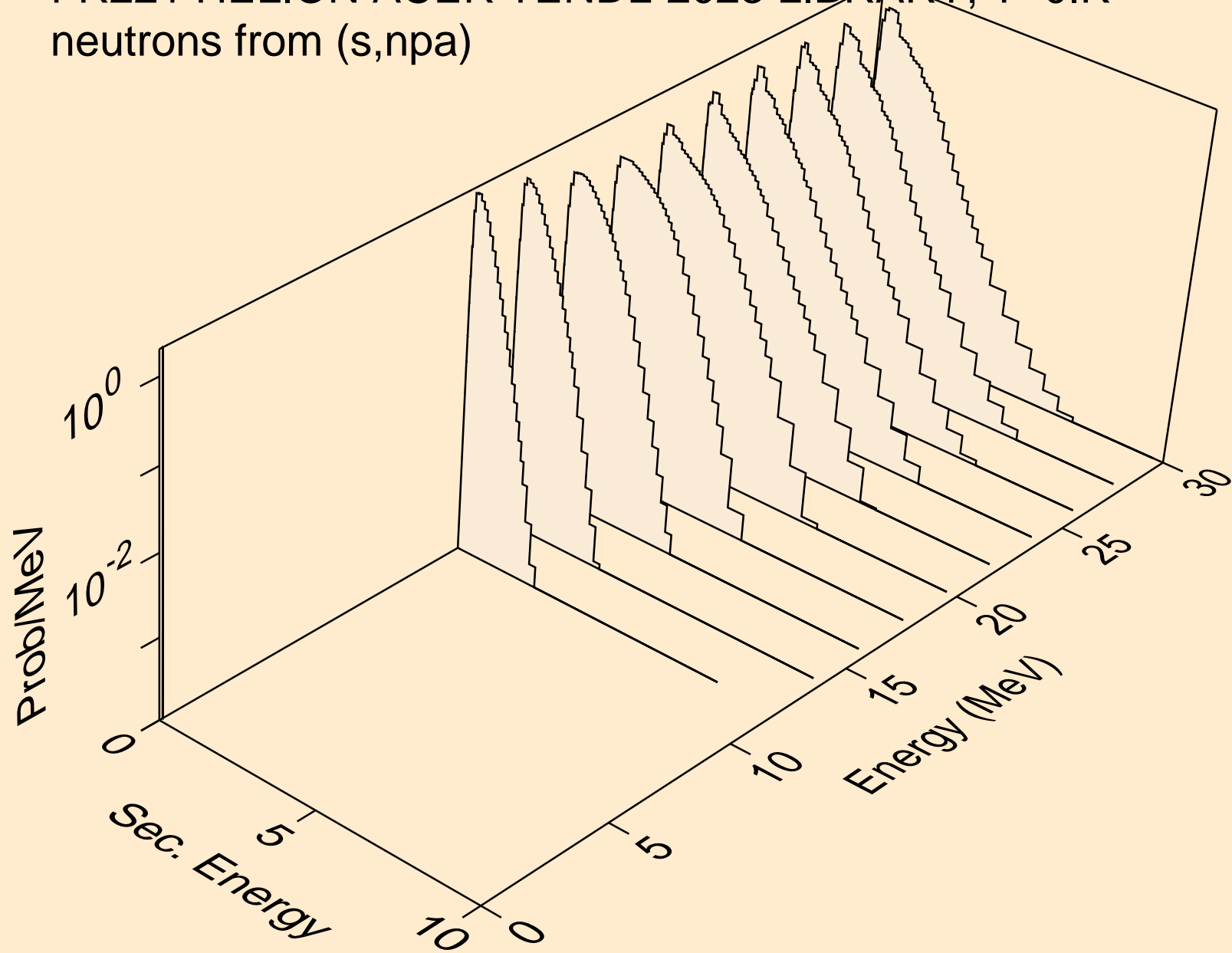


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

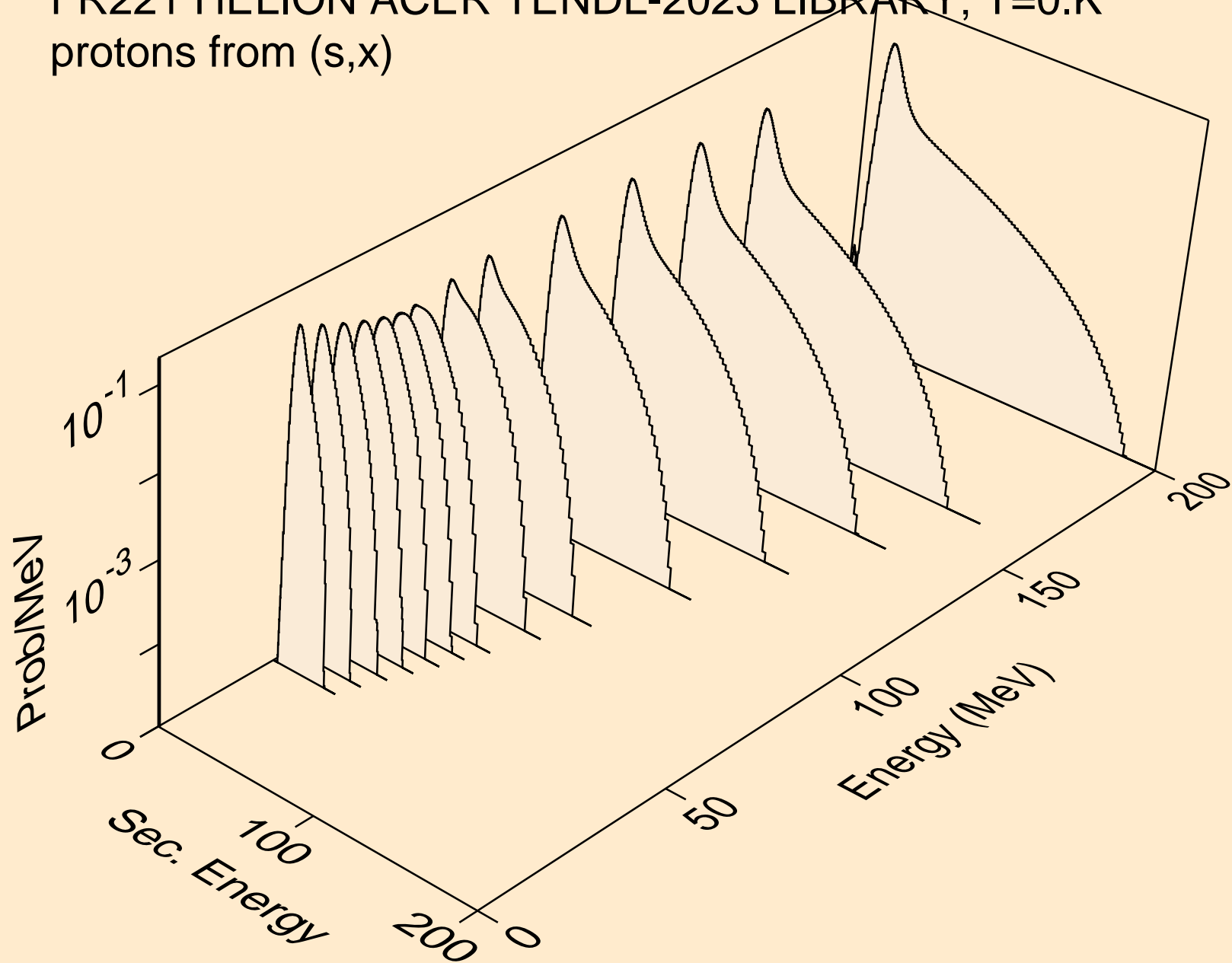




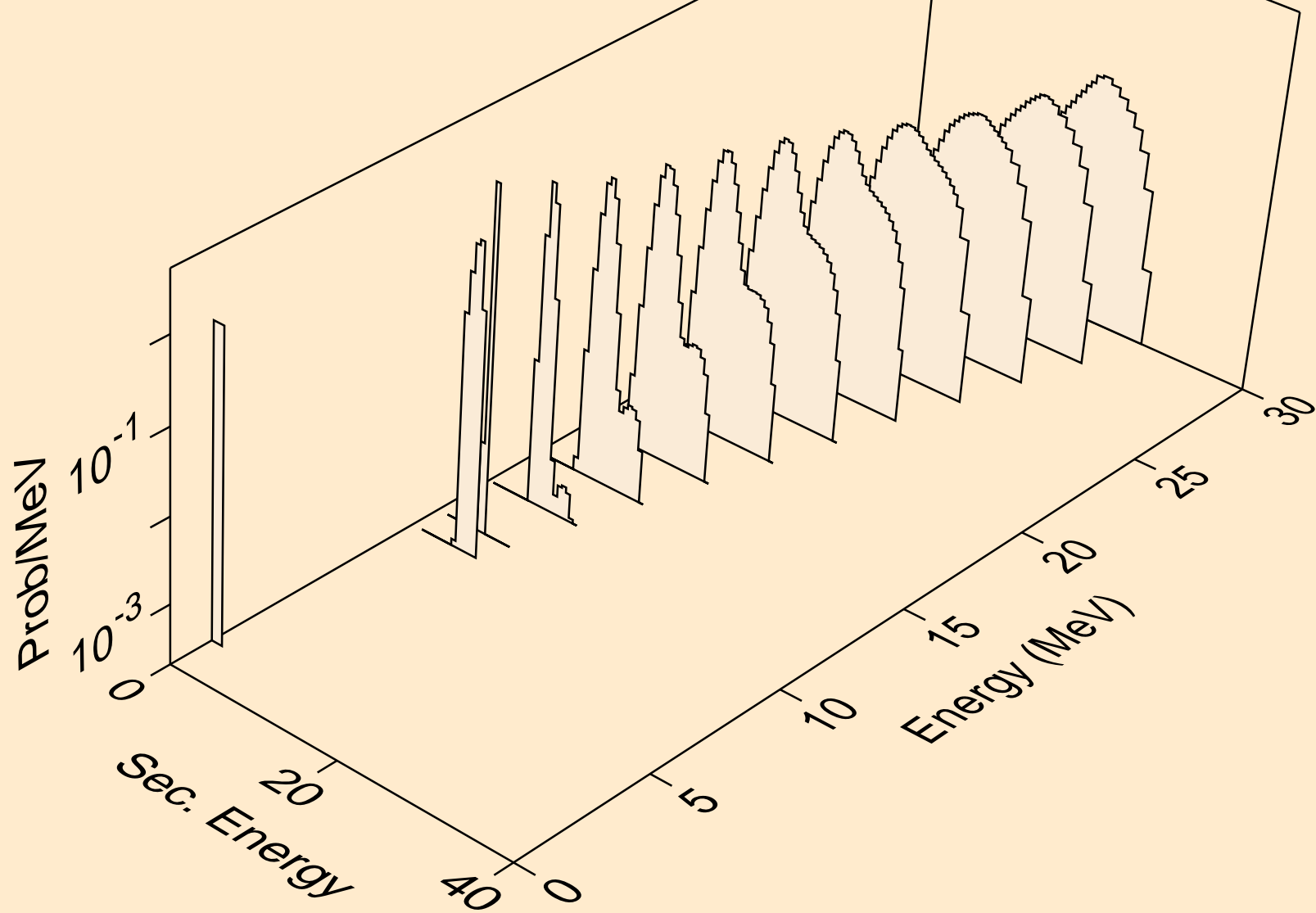
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



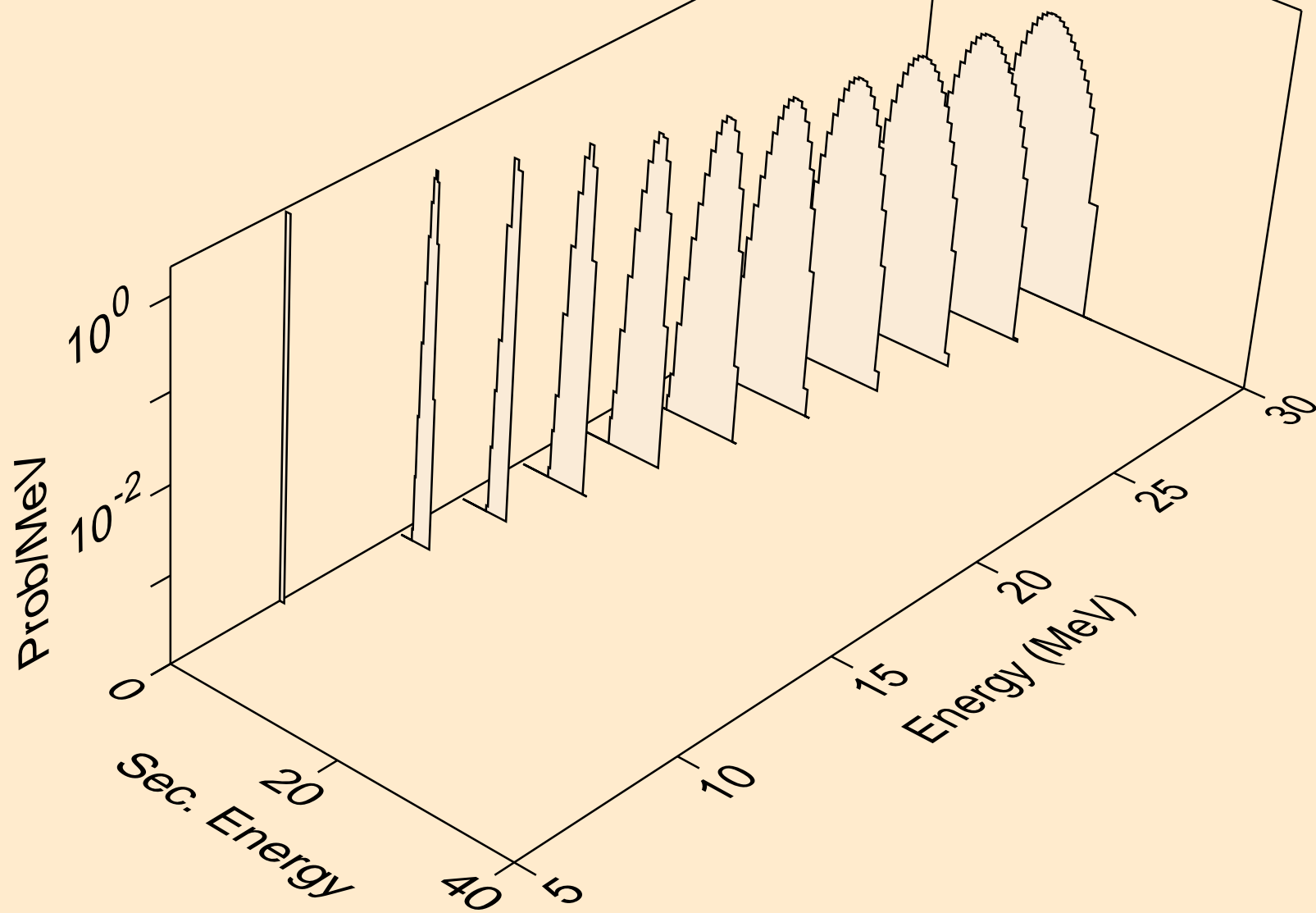
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



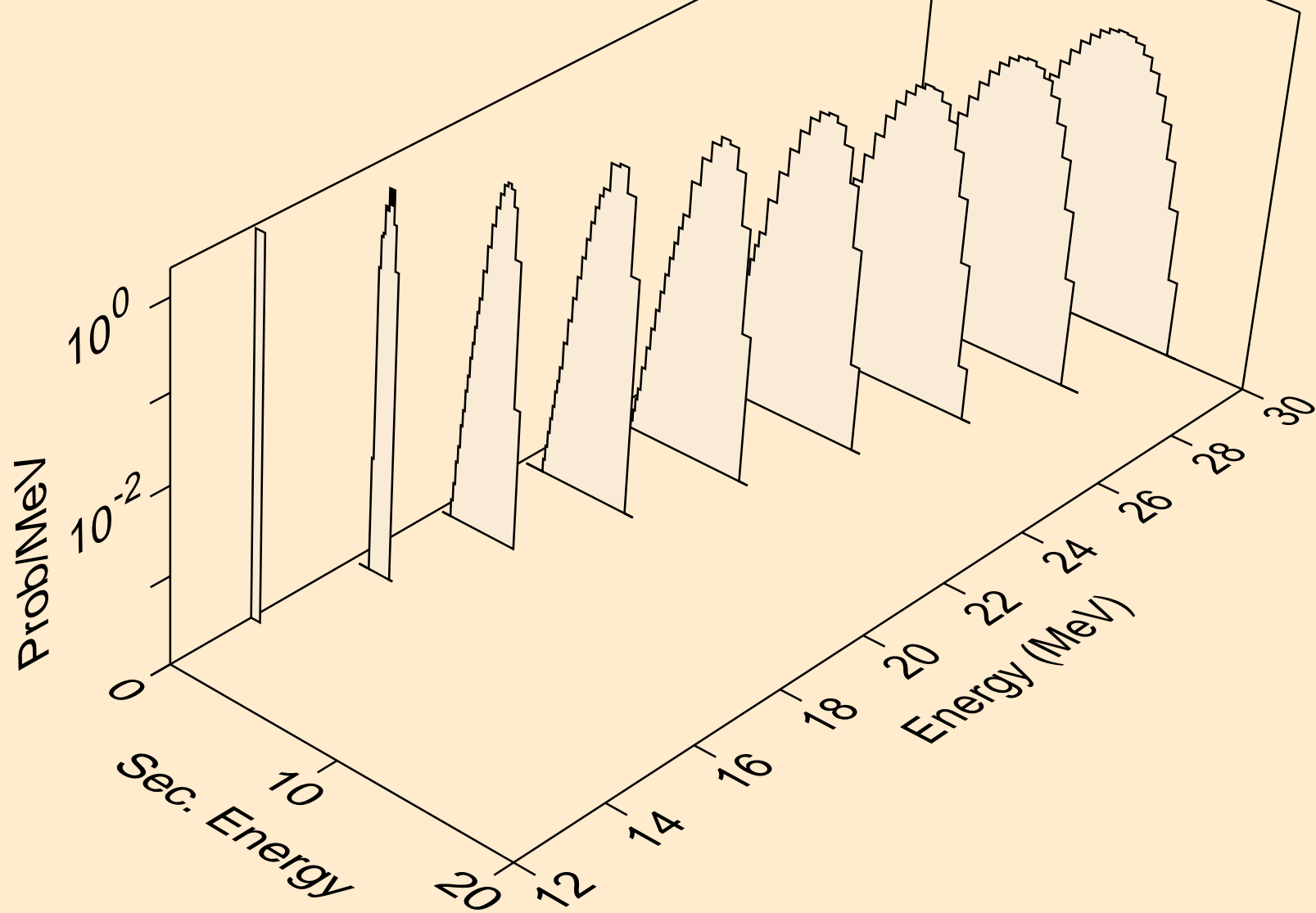
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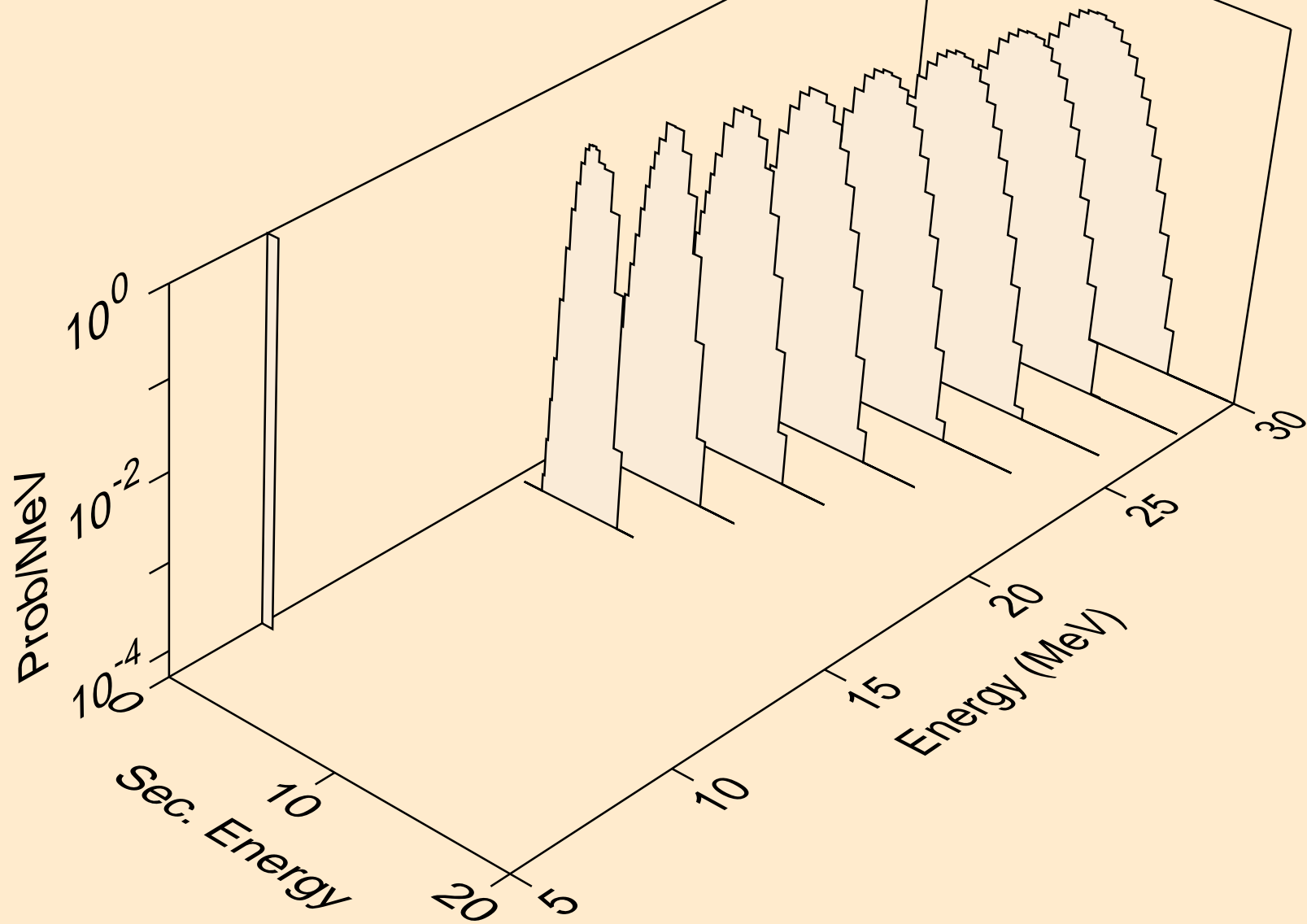
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protons from (s,2np)



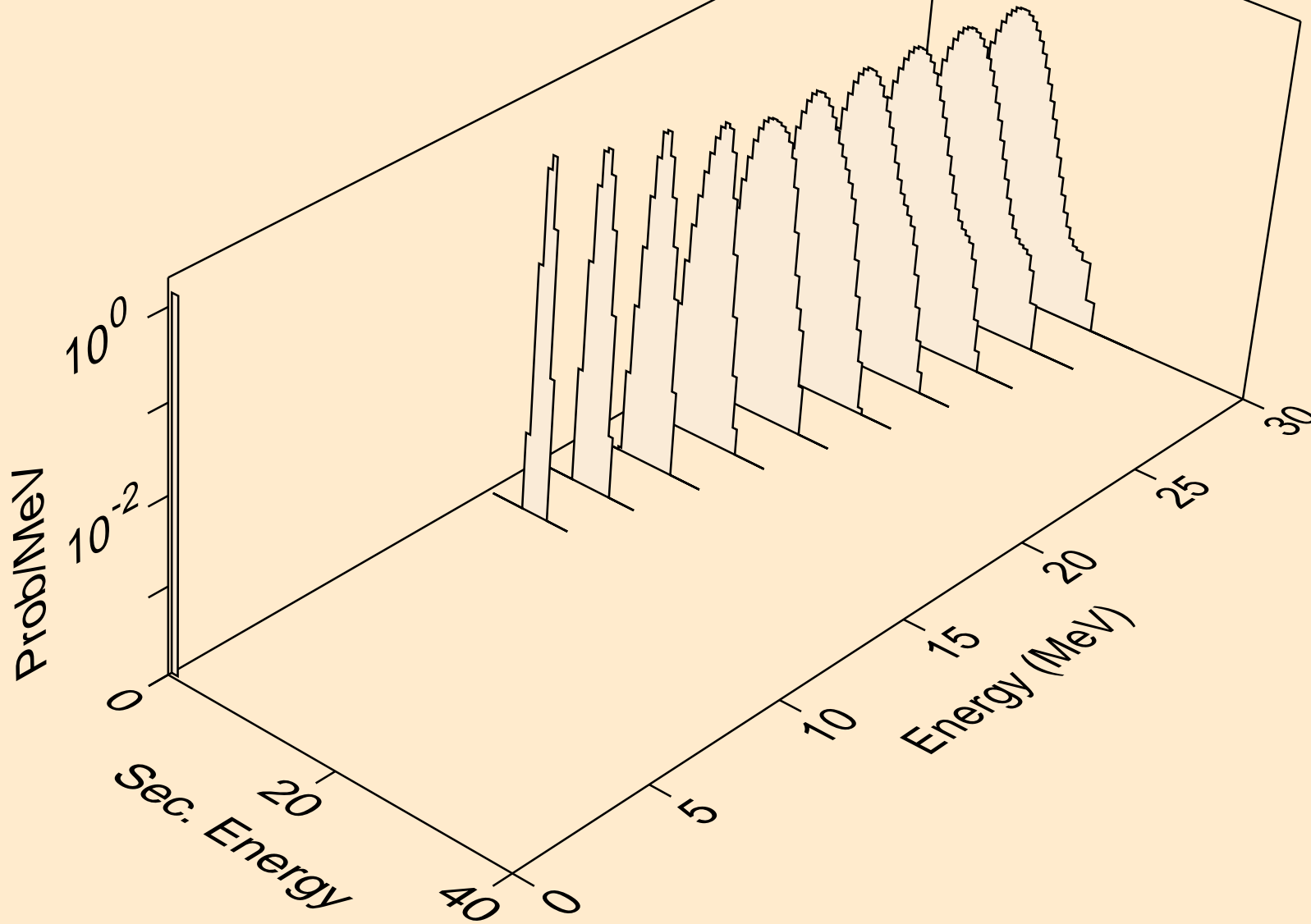
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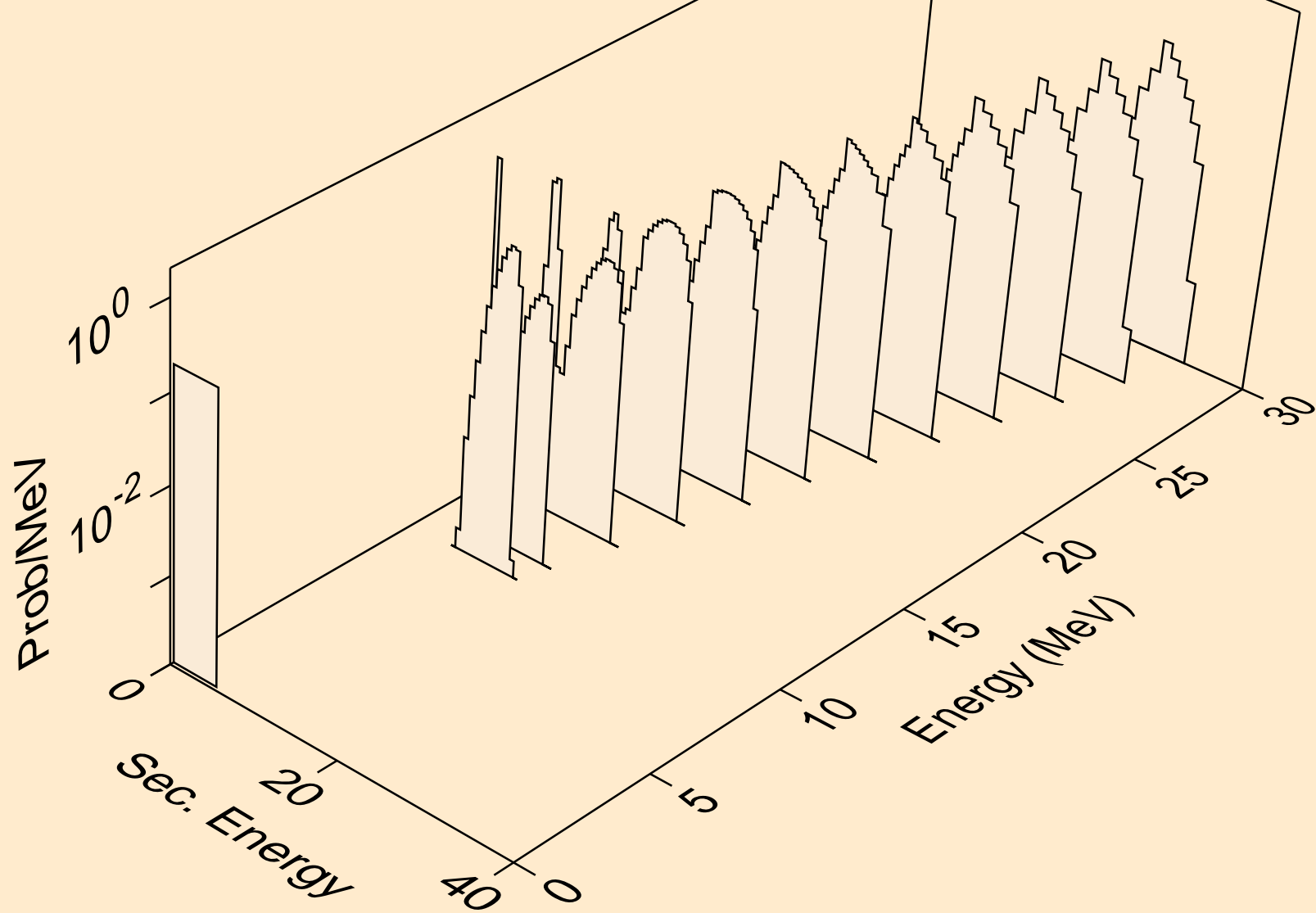
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)

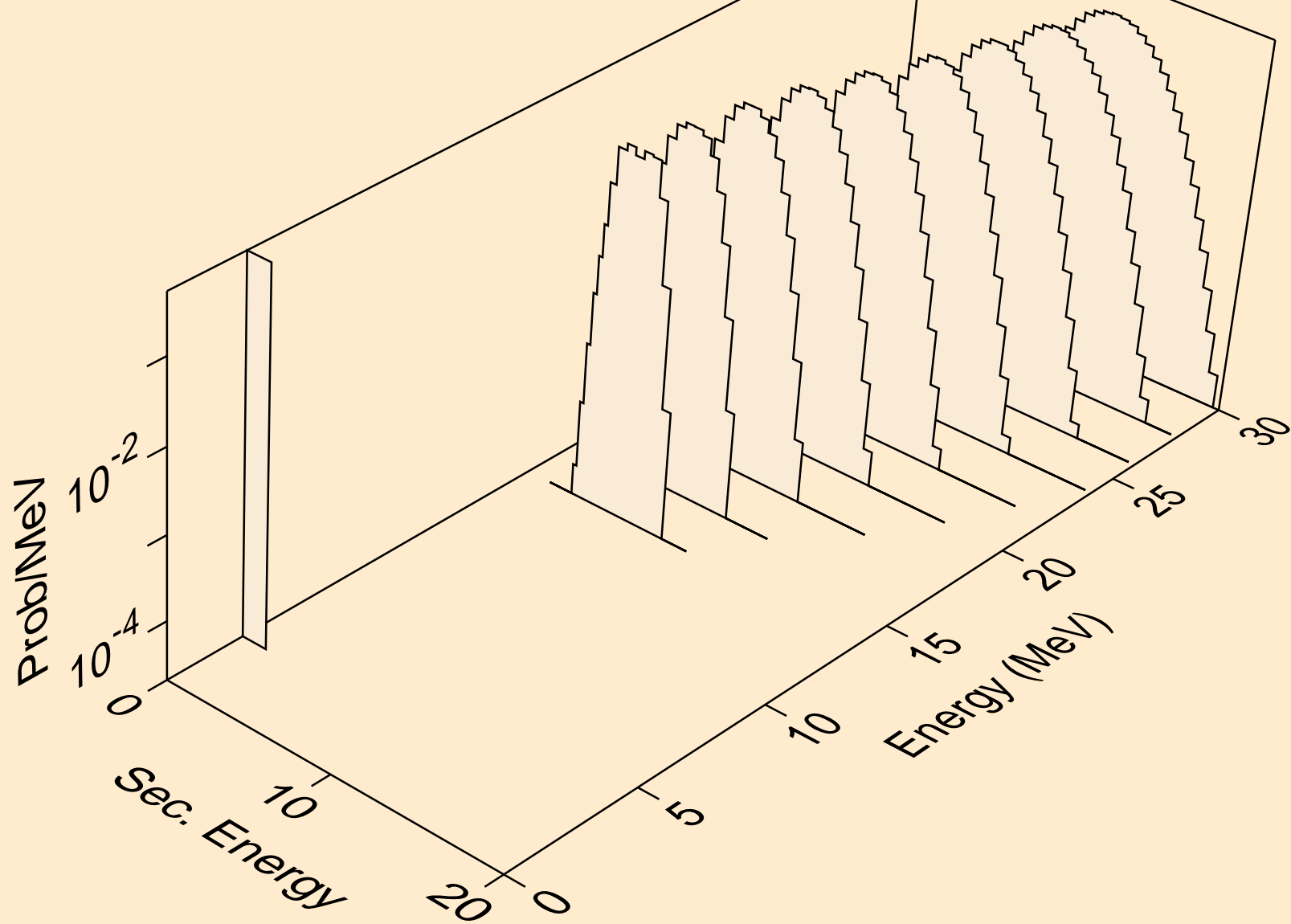


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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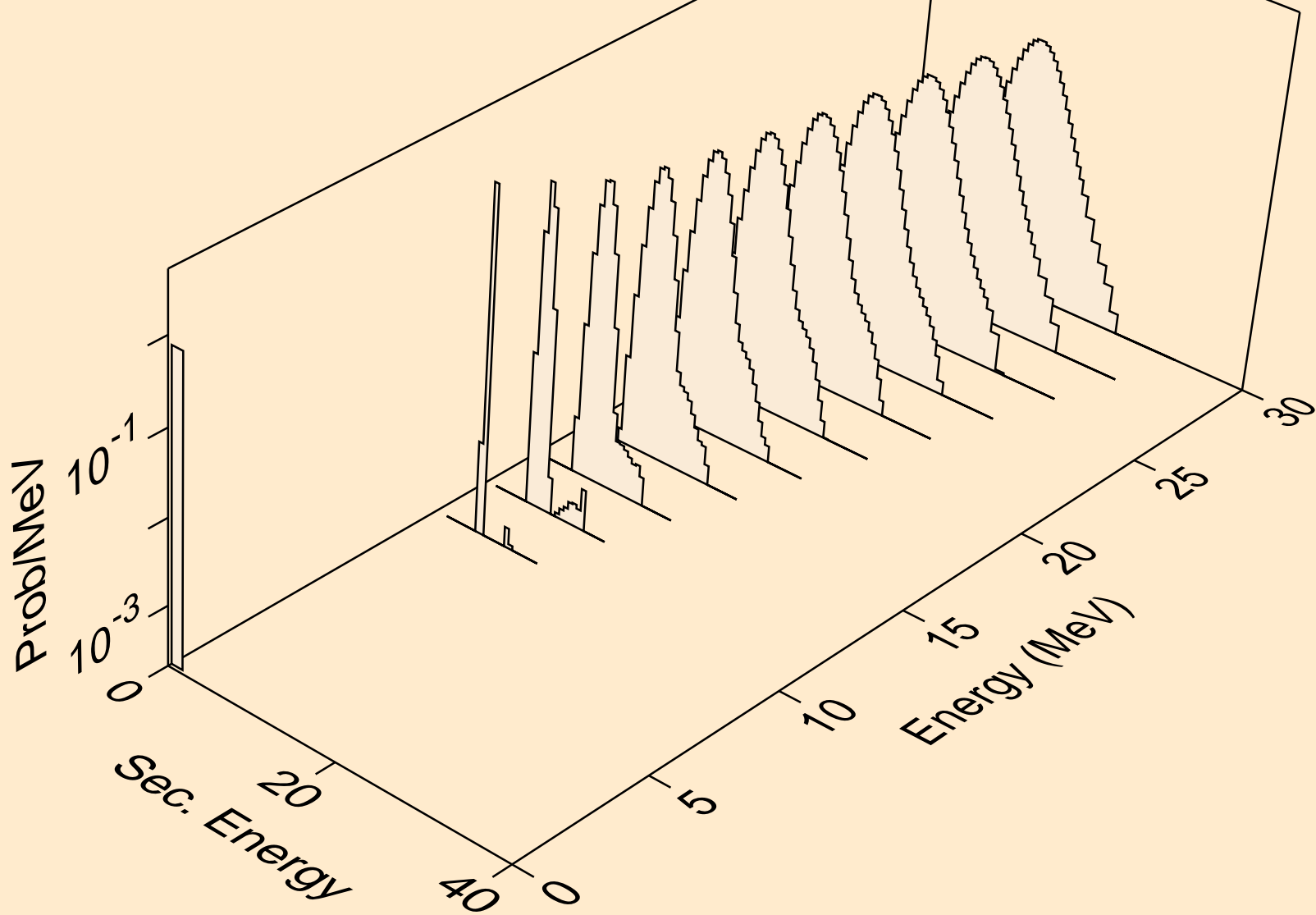




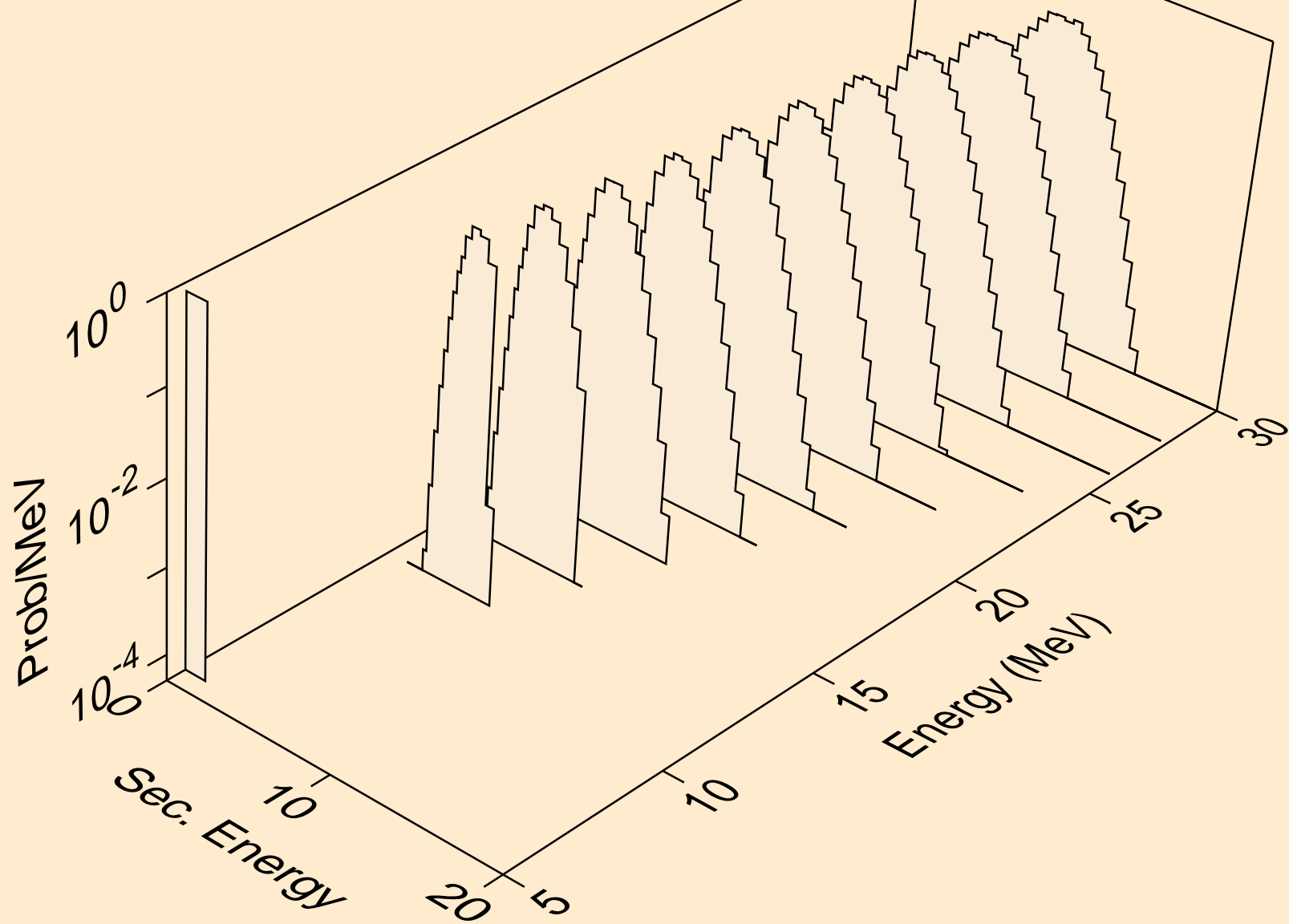
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



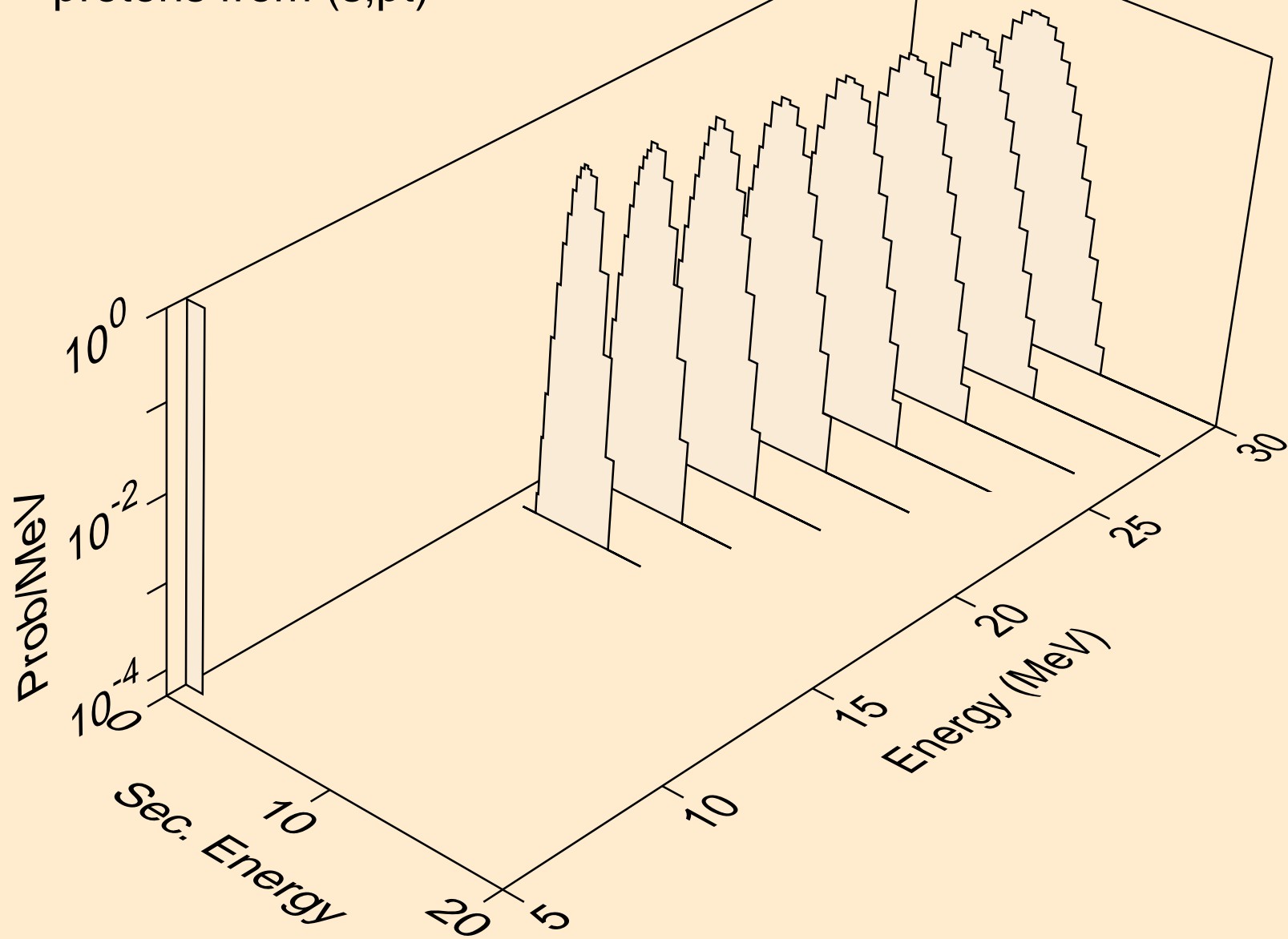
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protons from (s,pa)



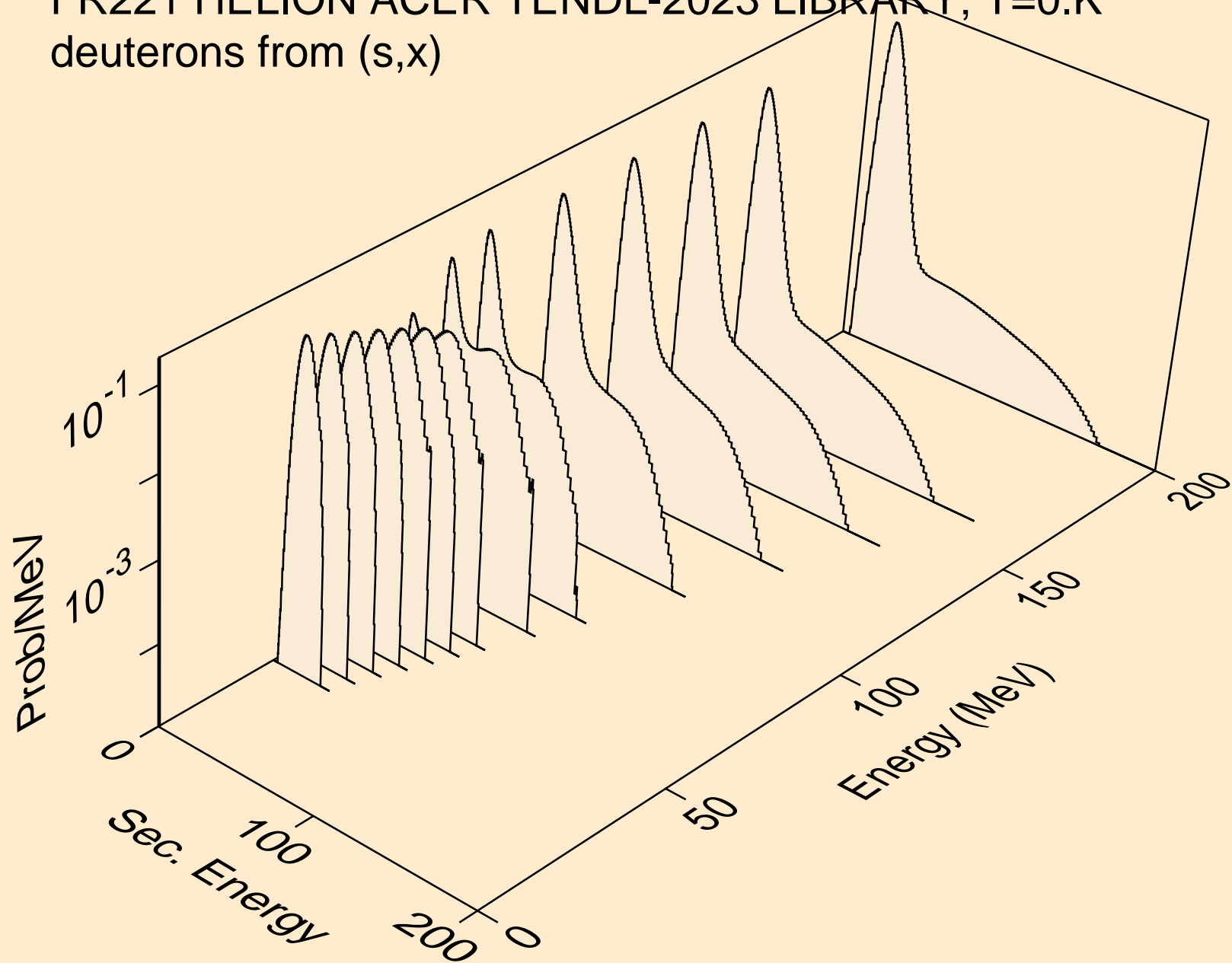
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protons from (s,pd)



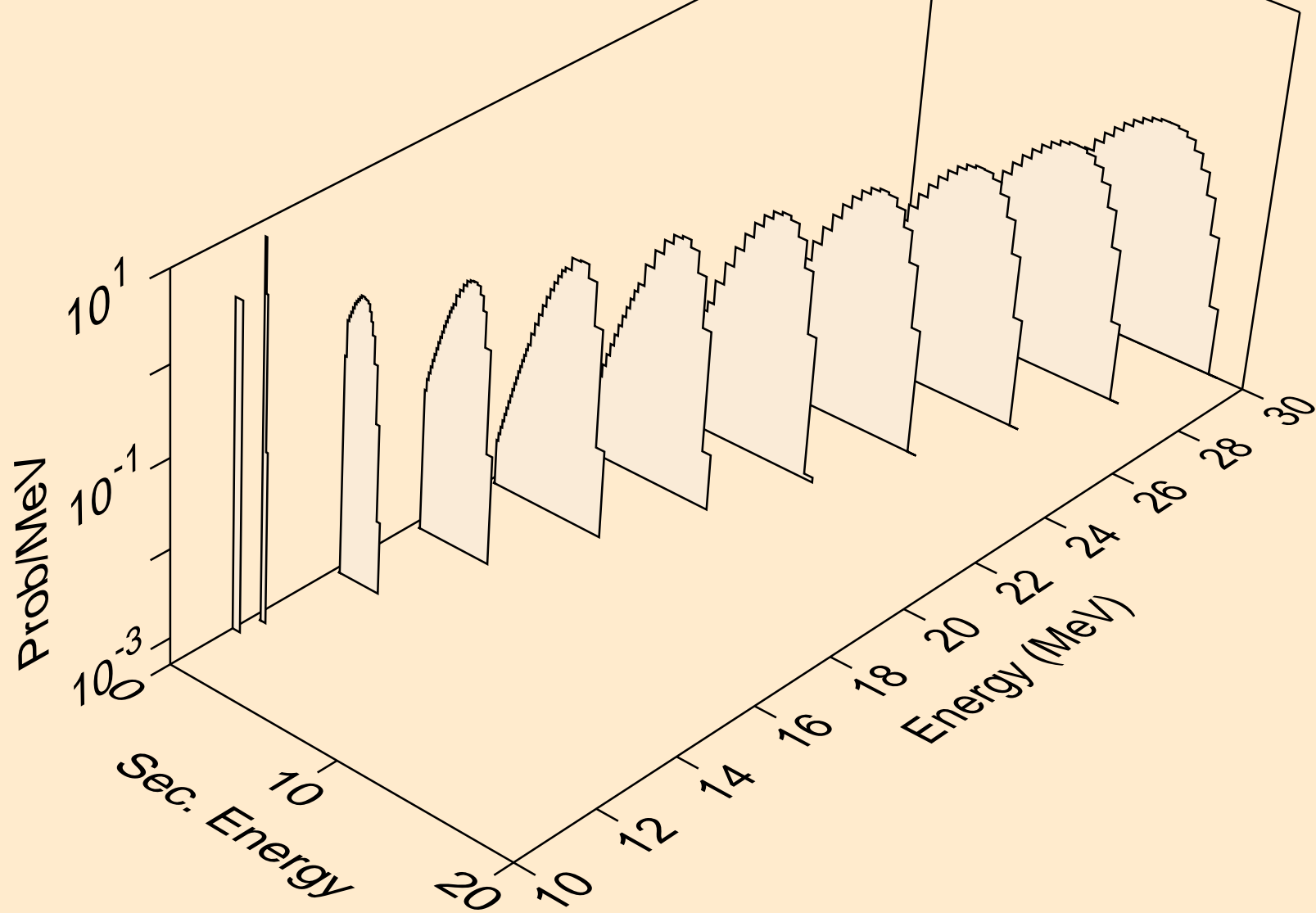
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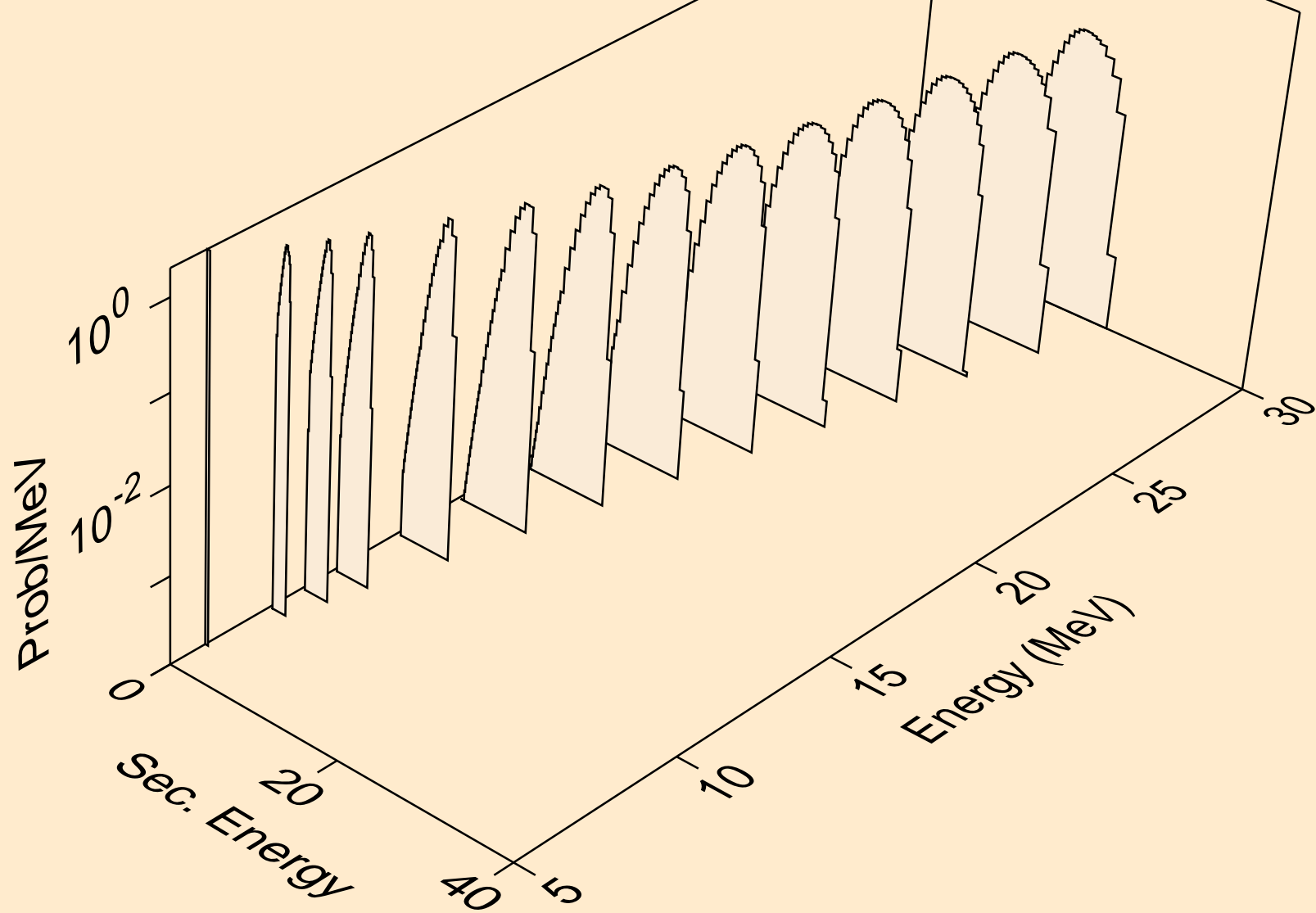
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



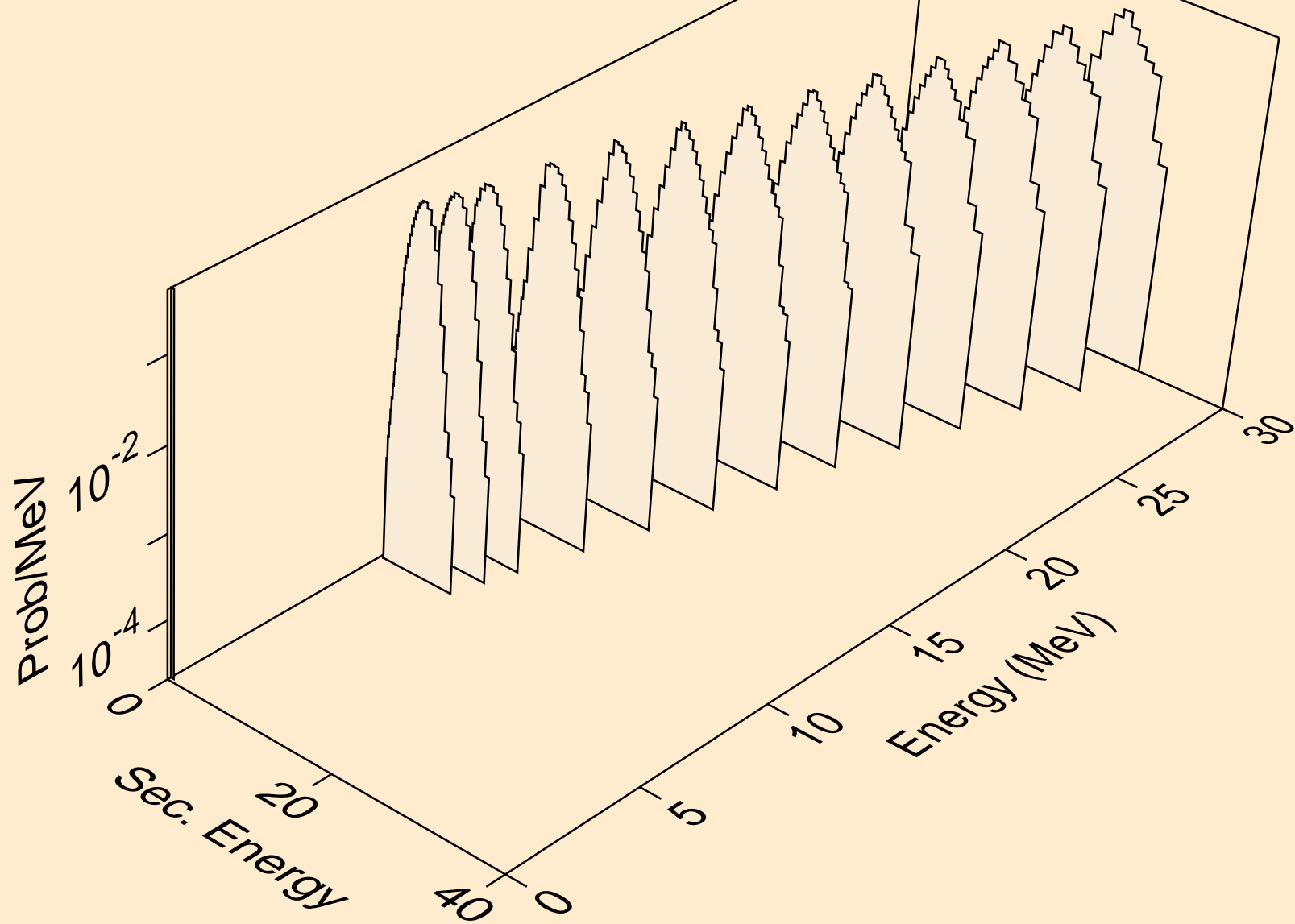
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d

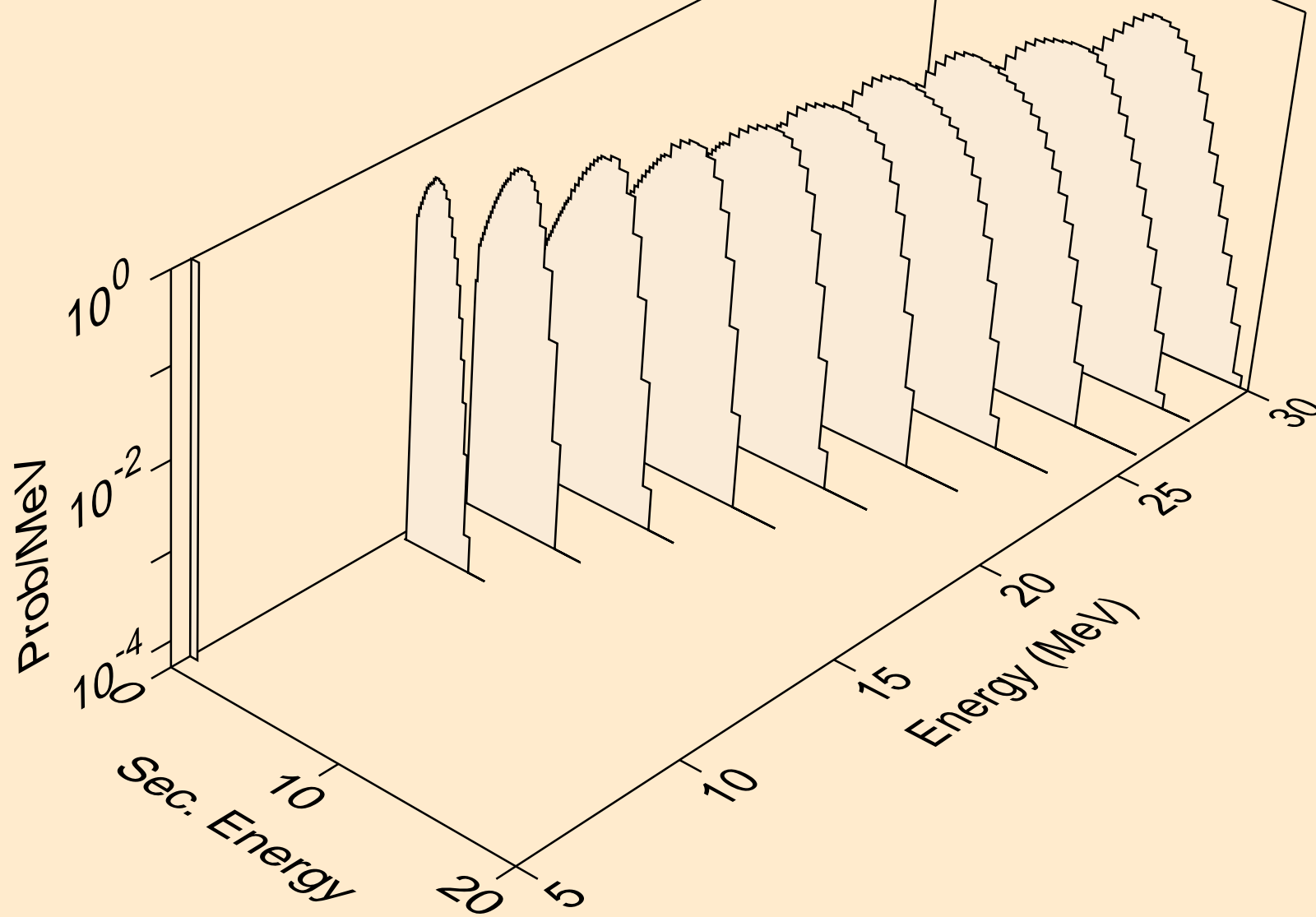


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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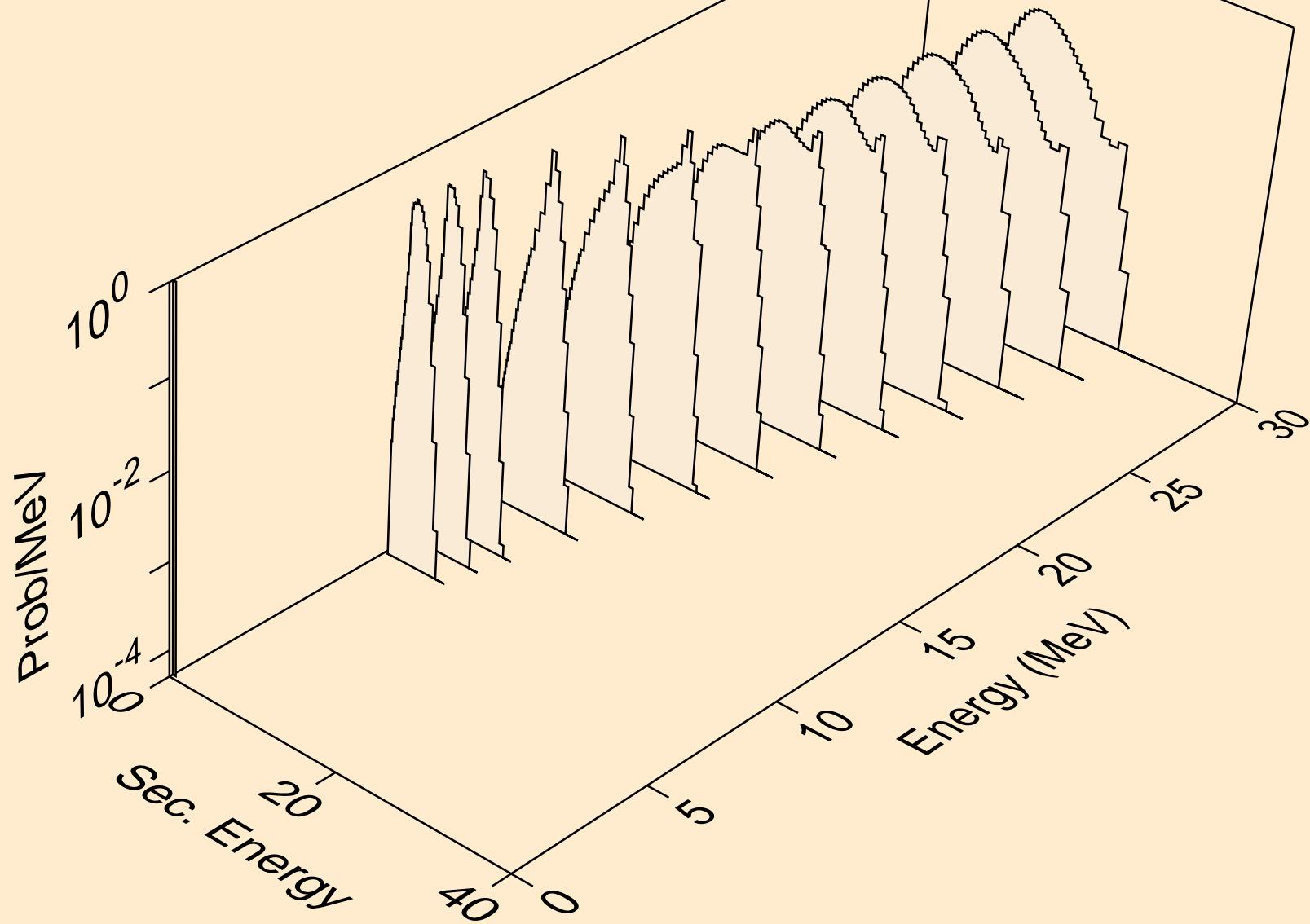




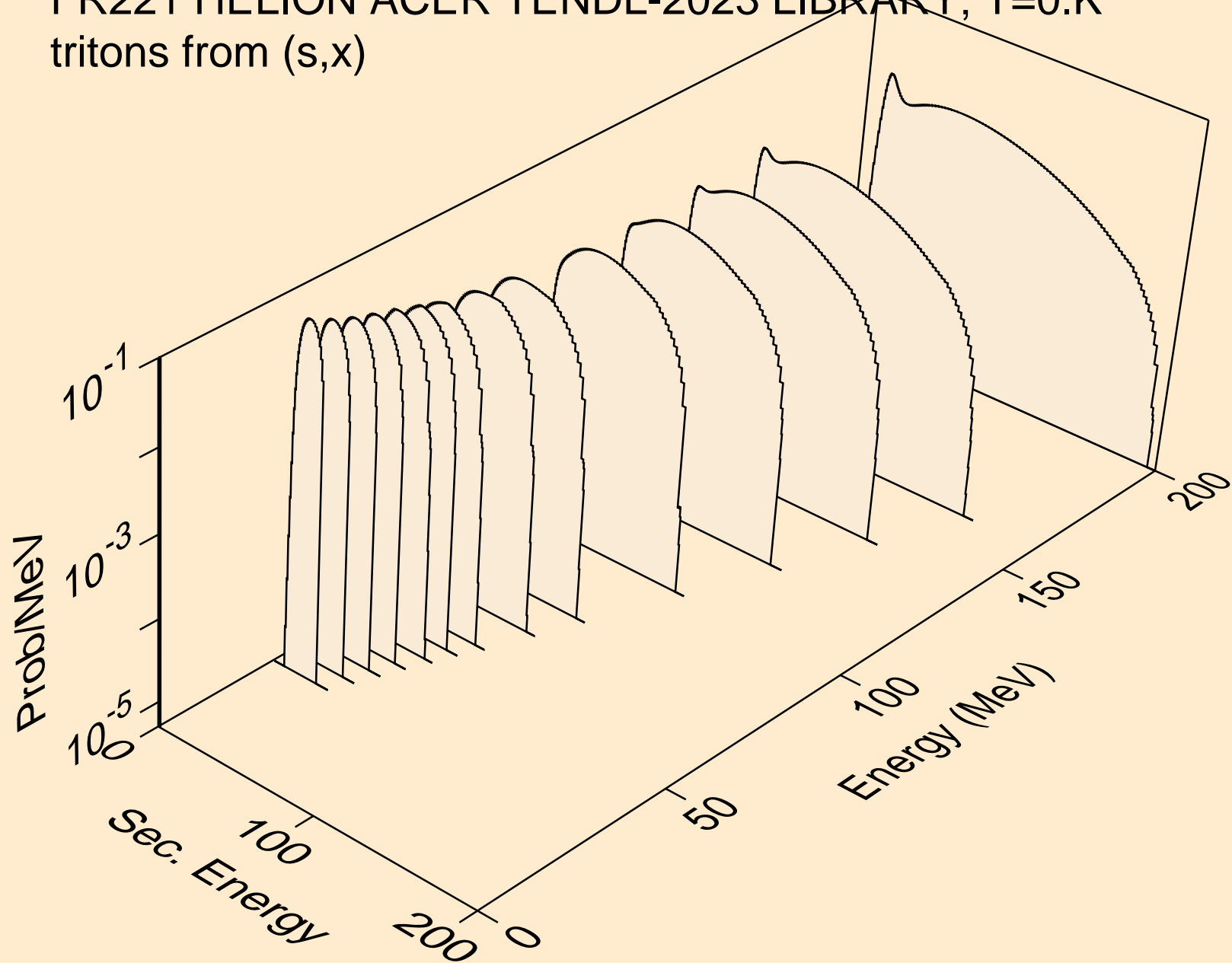
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



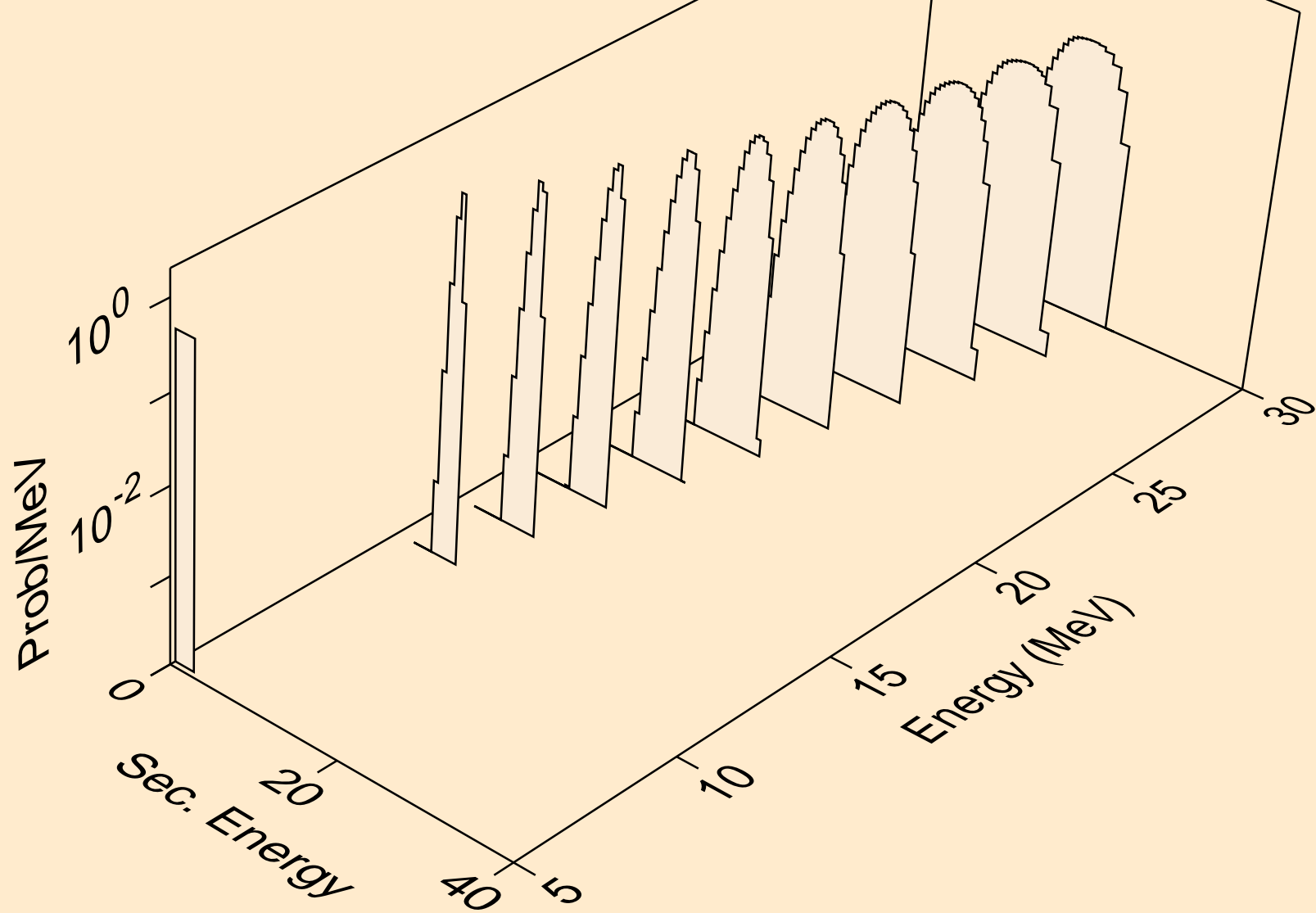
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deuterons from (s,da)



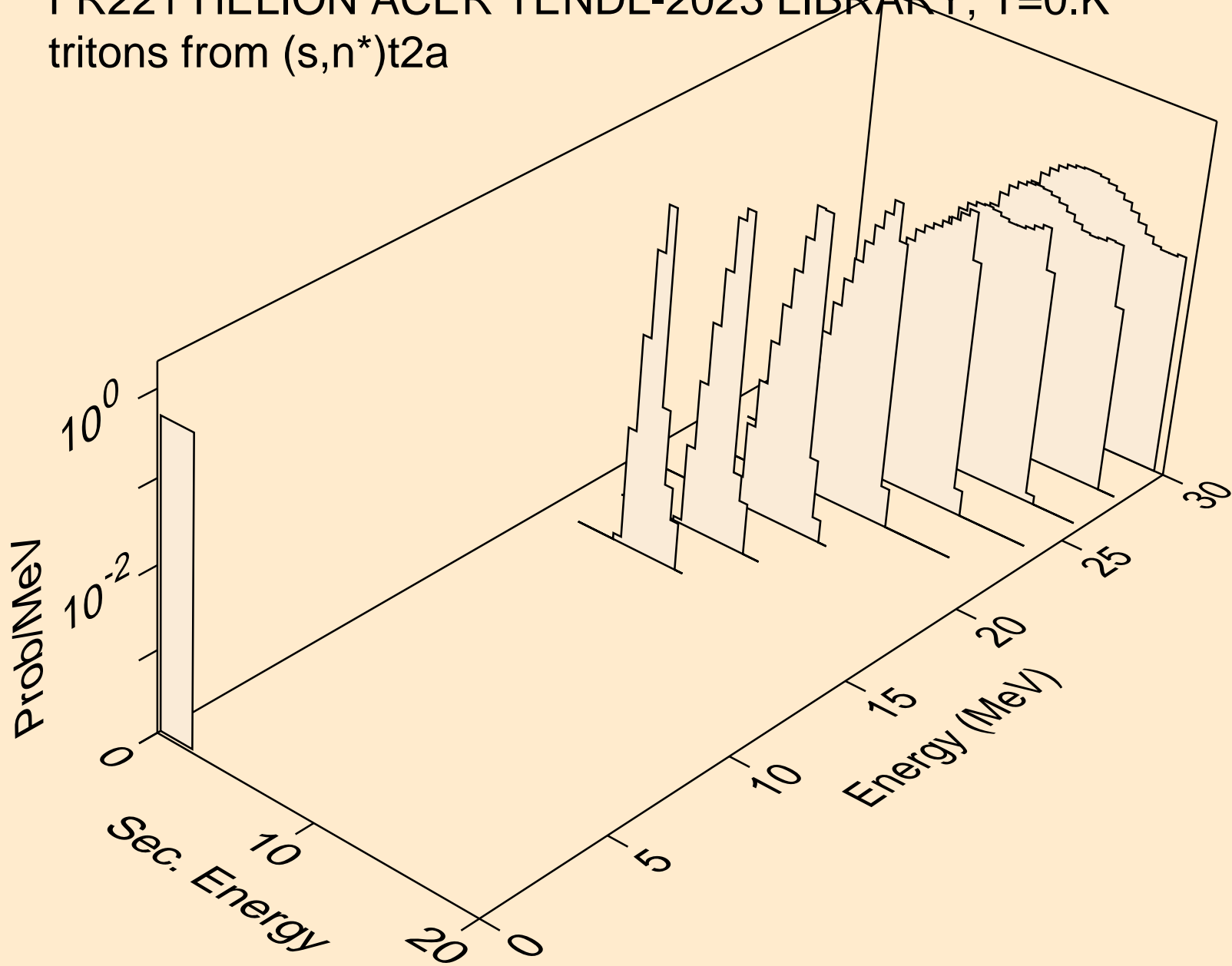
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



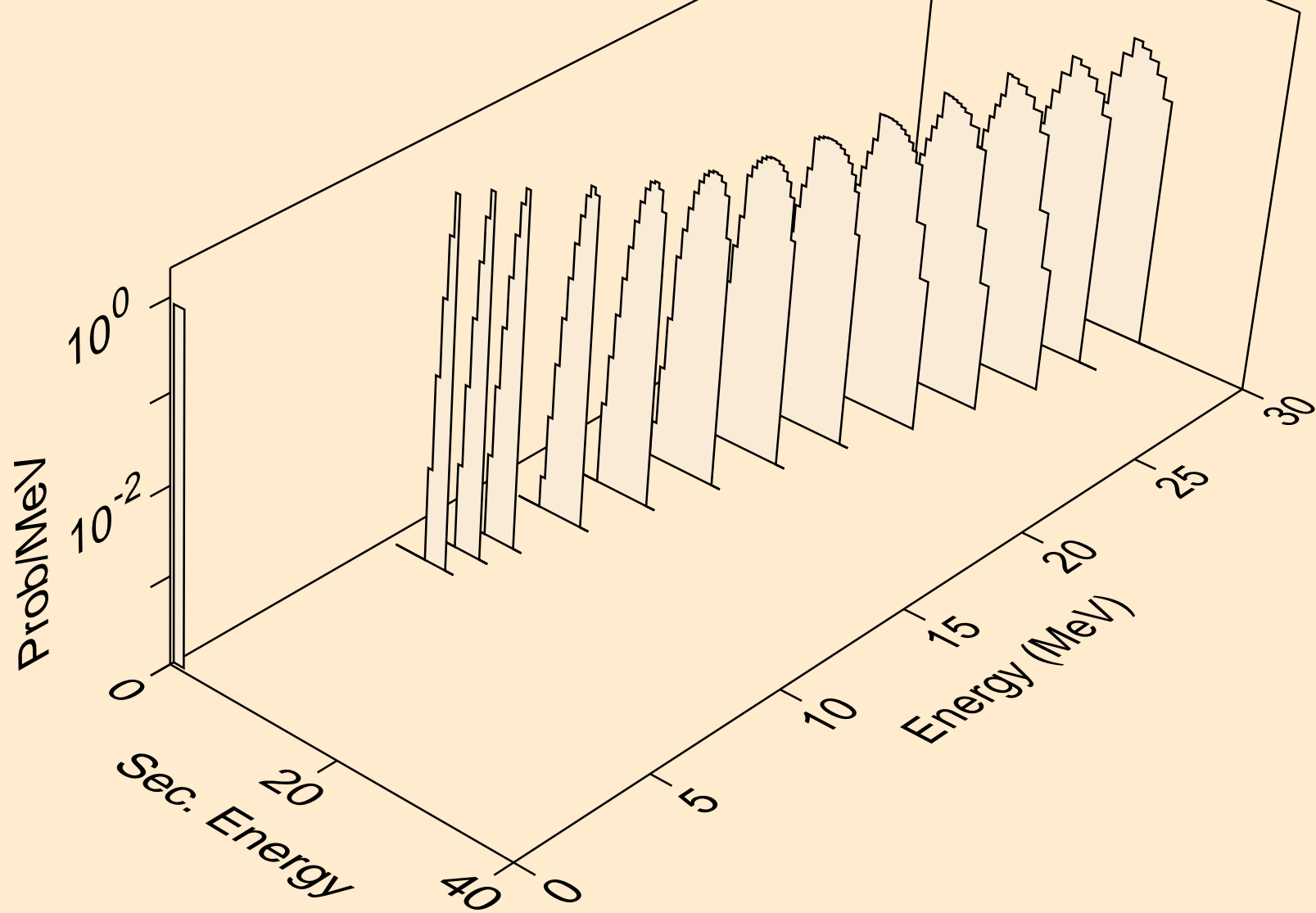
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



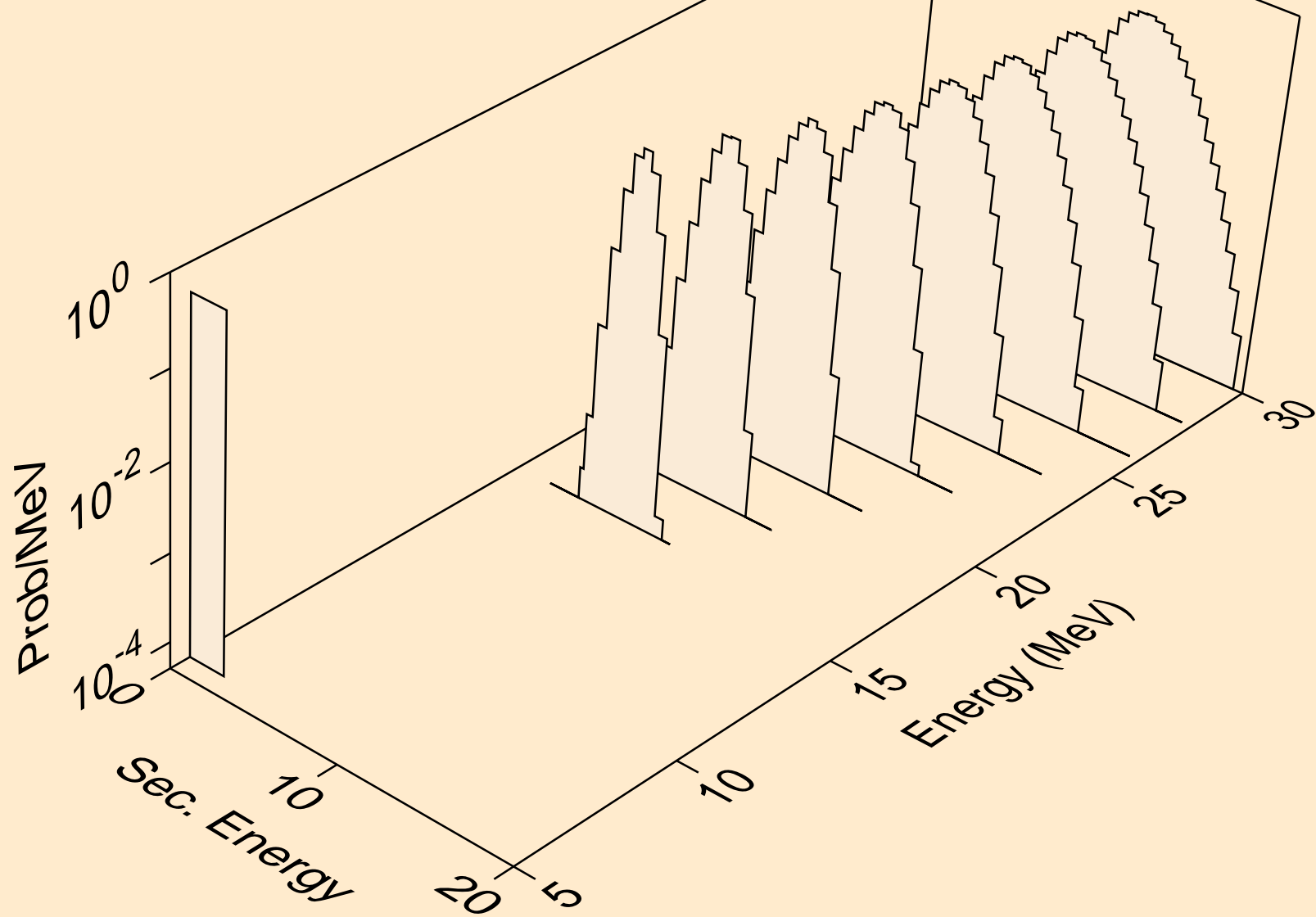
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t2a



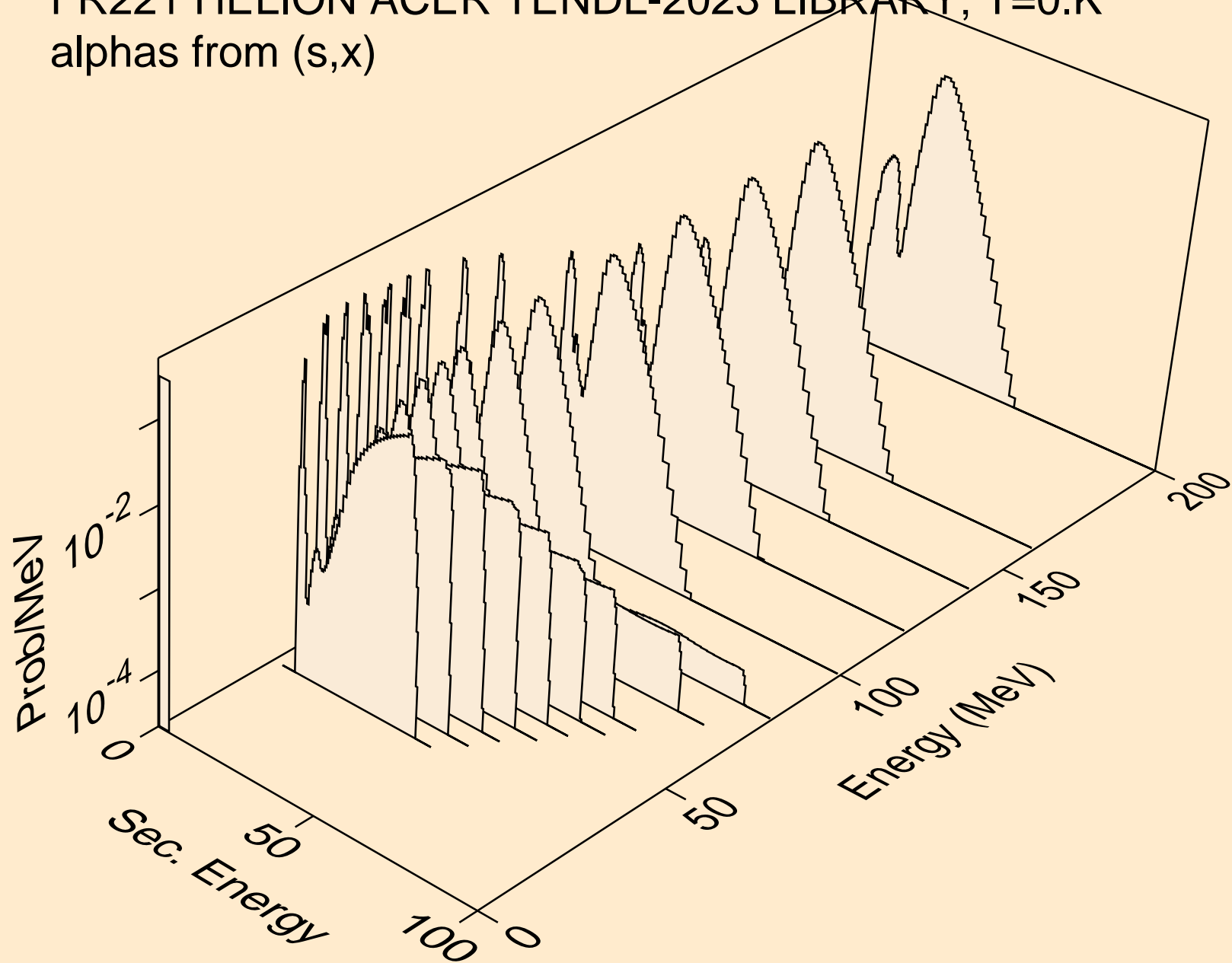
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

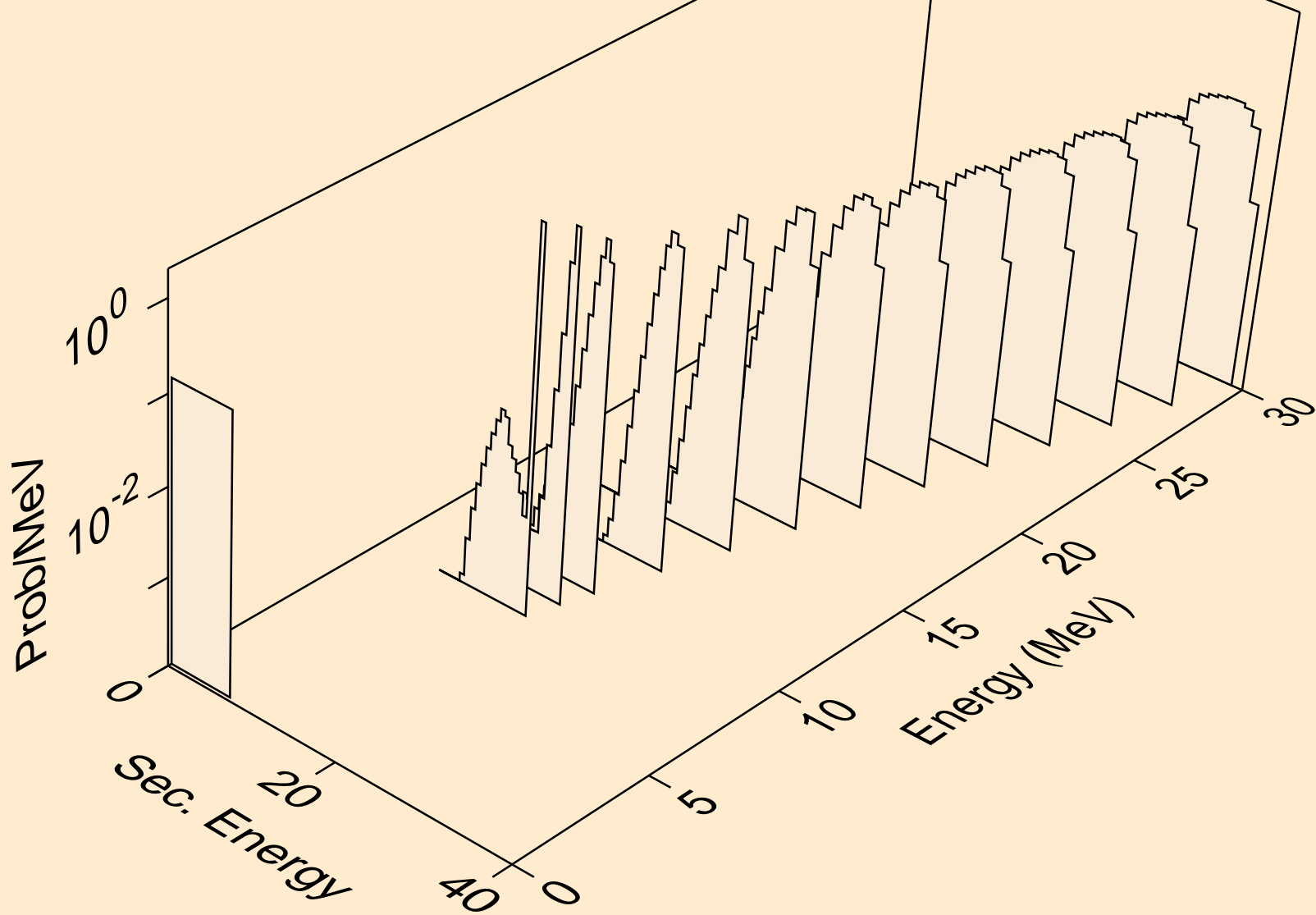


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

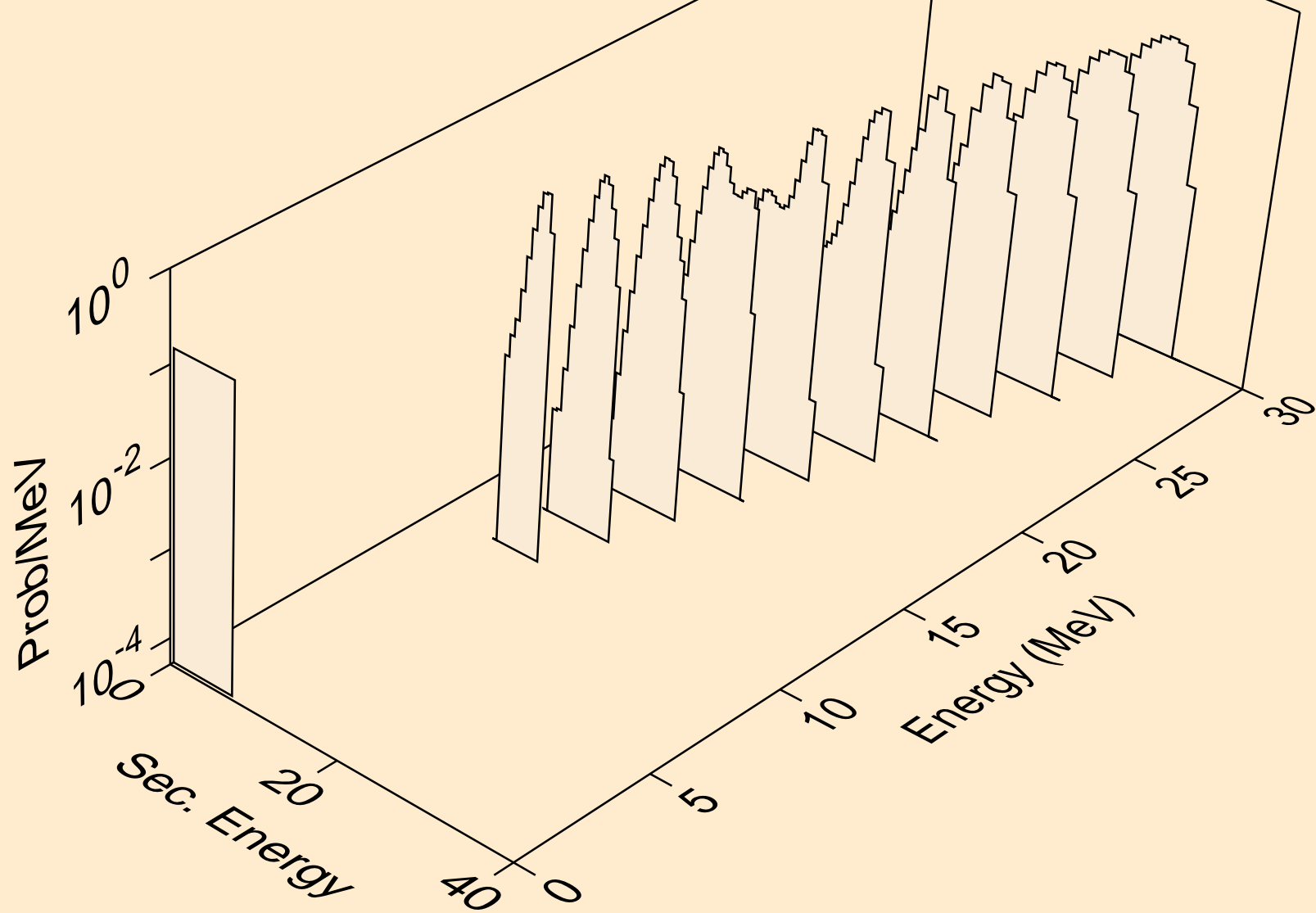




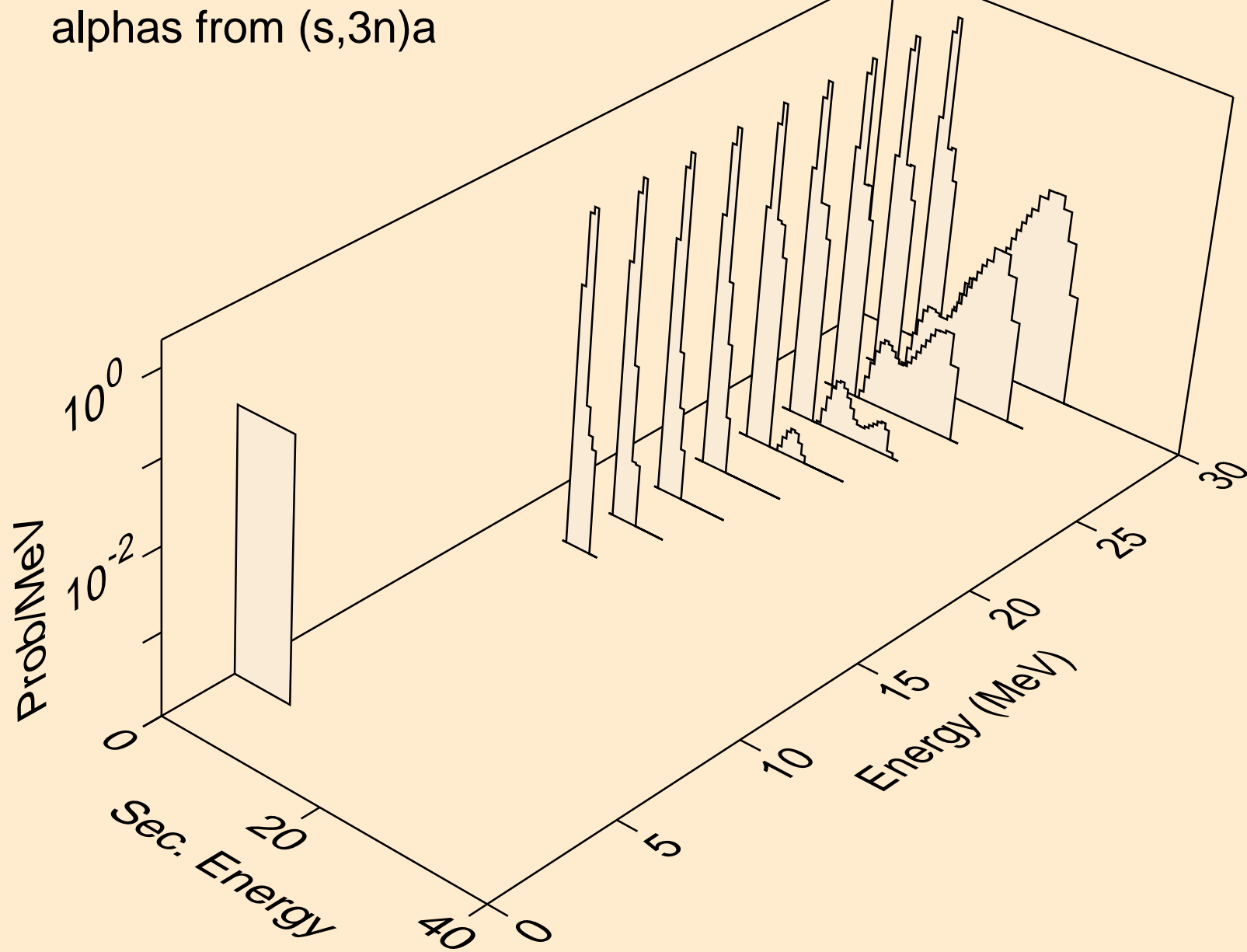
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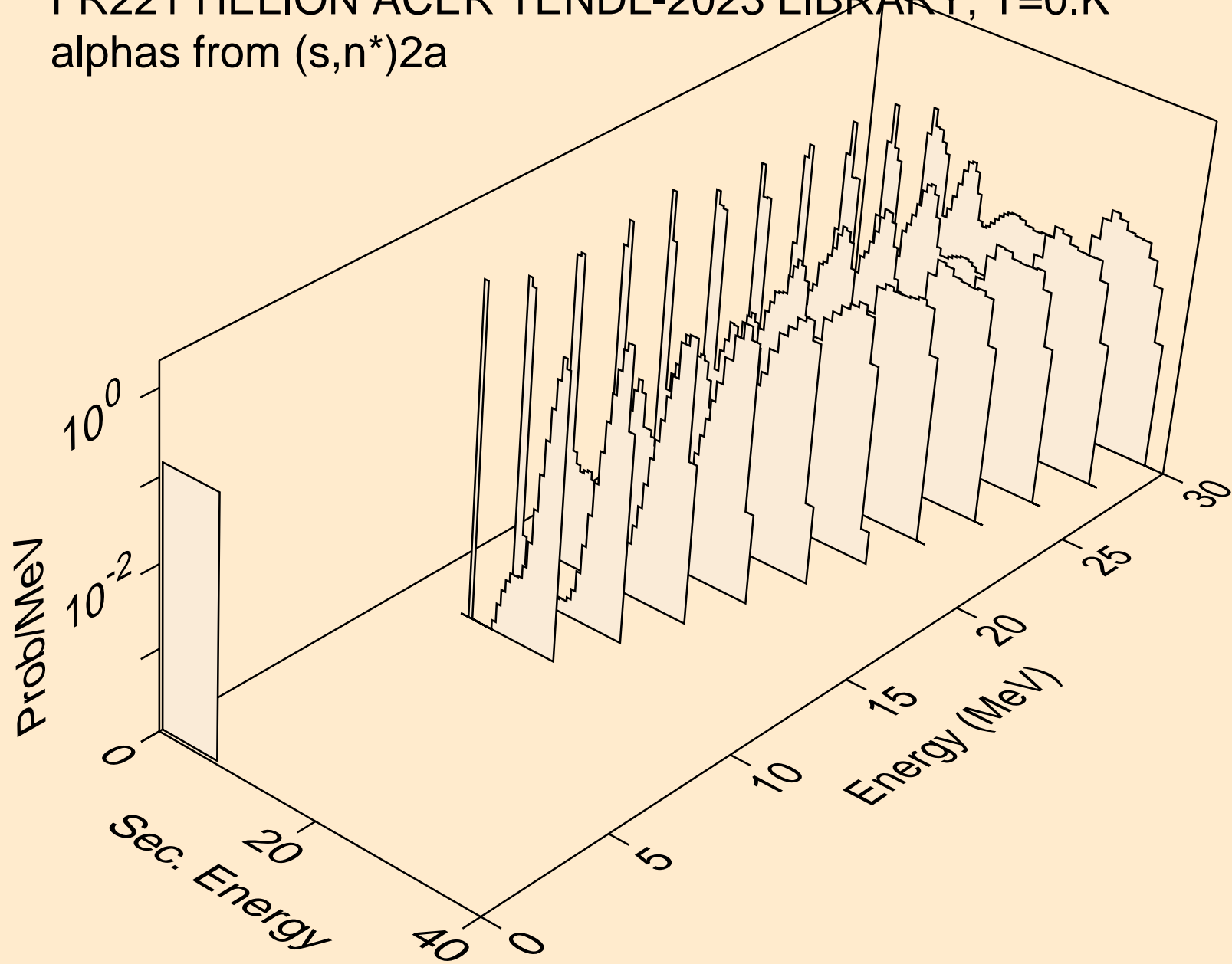
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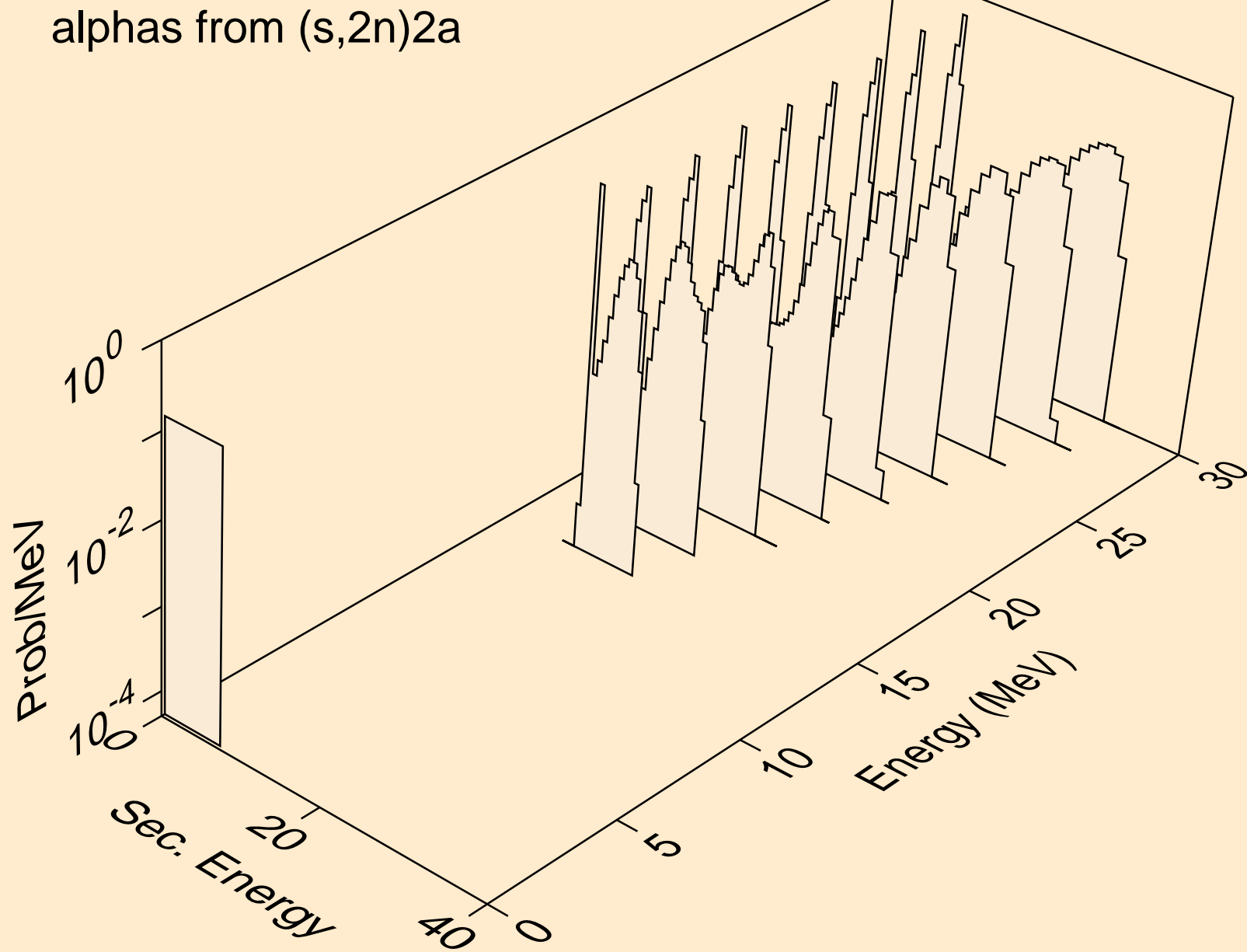
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alphas from (s,3n)a



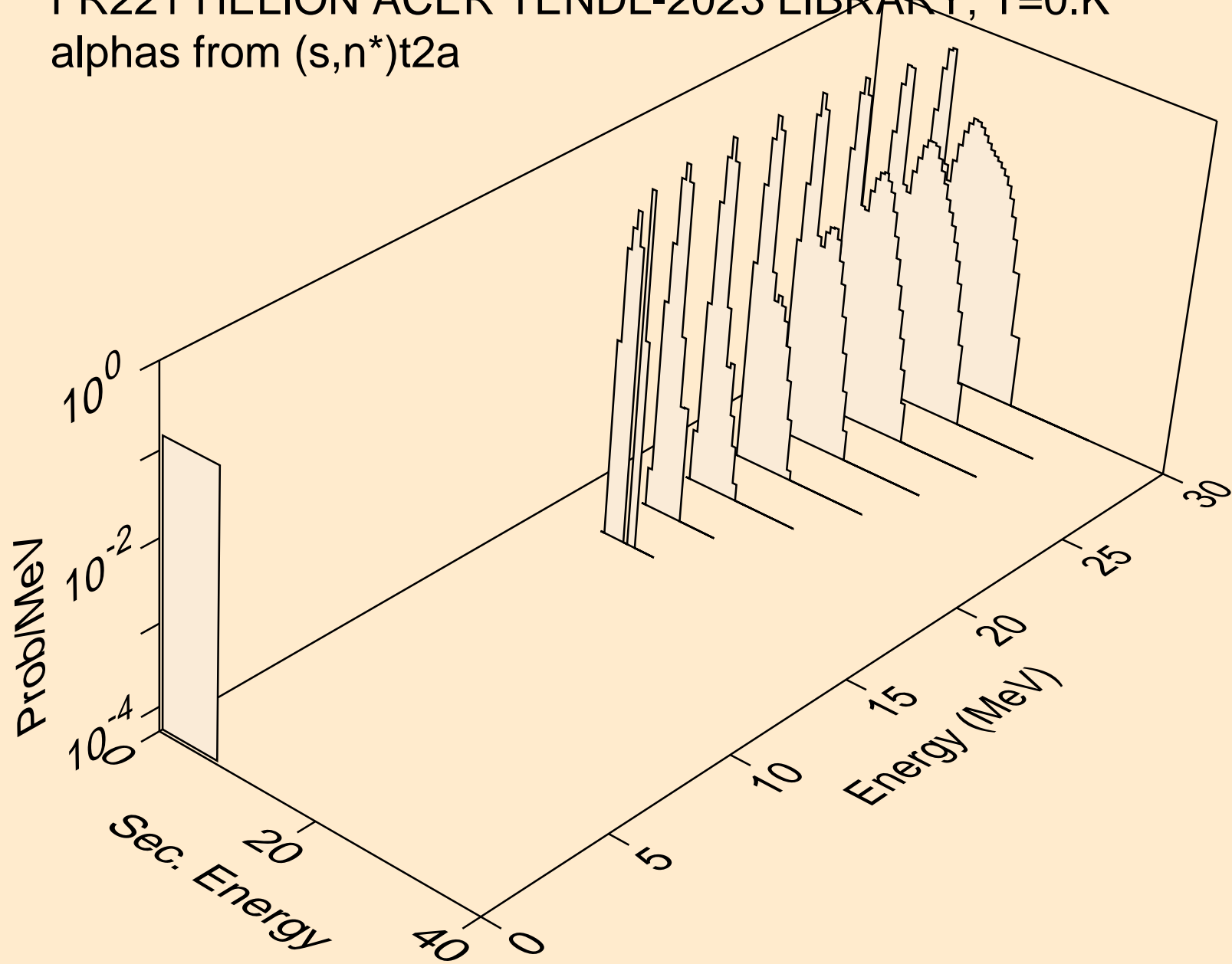
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alphas from (s,n\*)2a



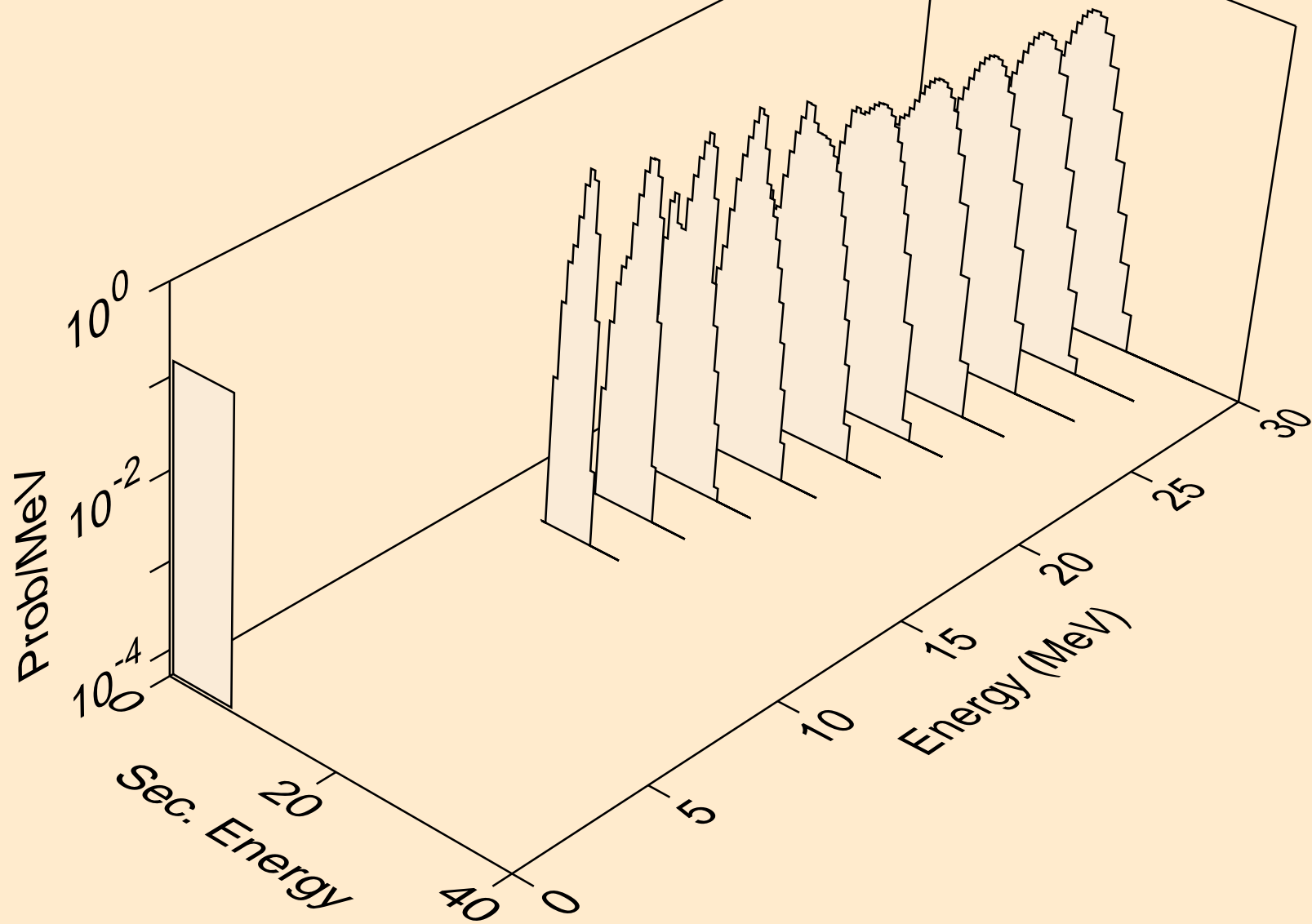
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alphas from (s,2n)2a



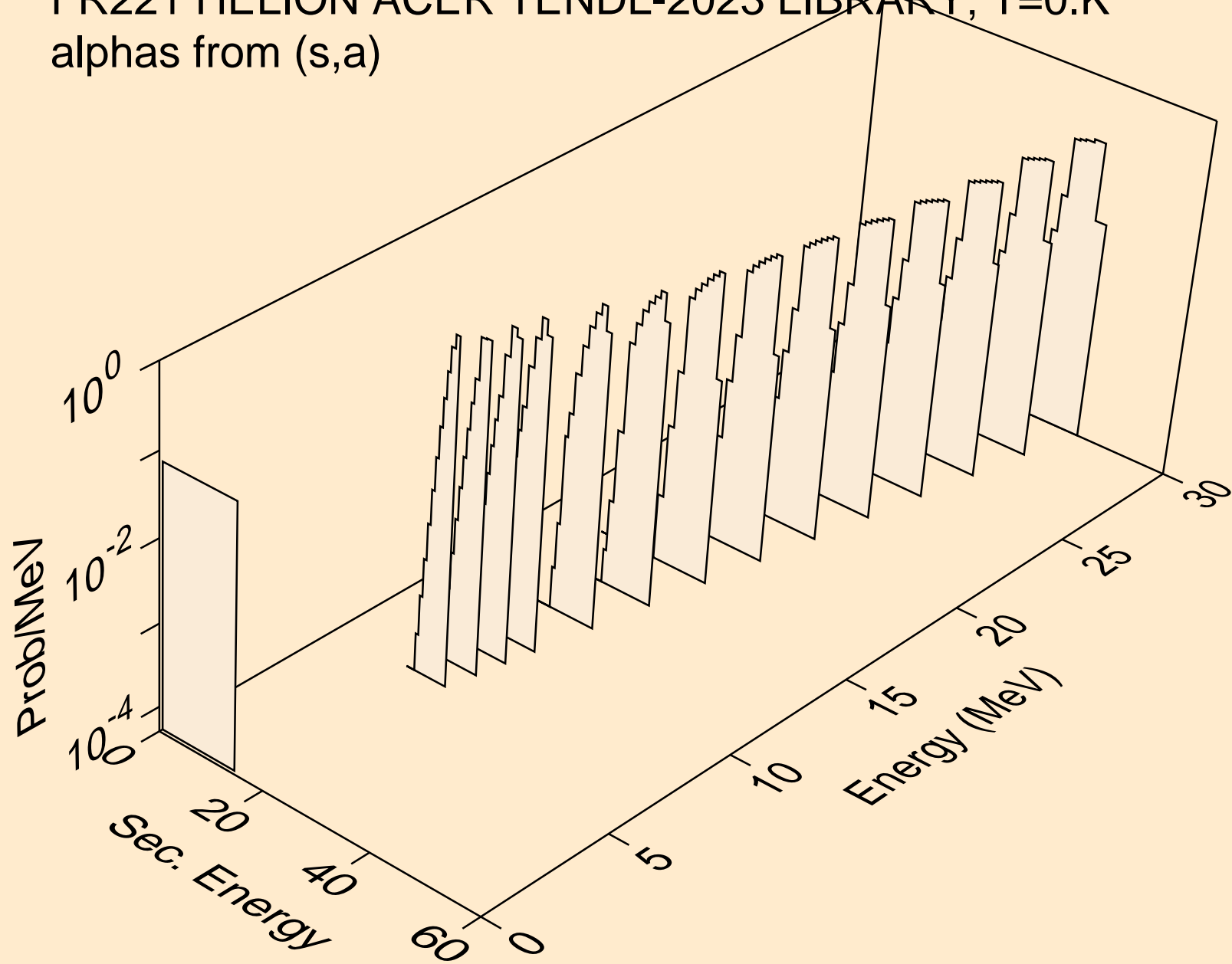
FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)t2a



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

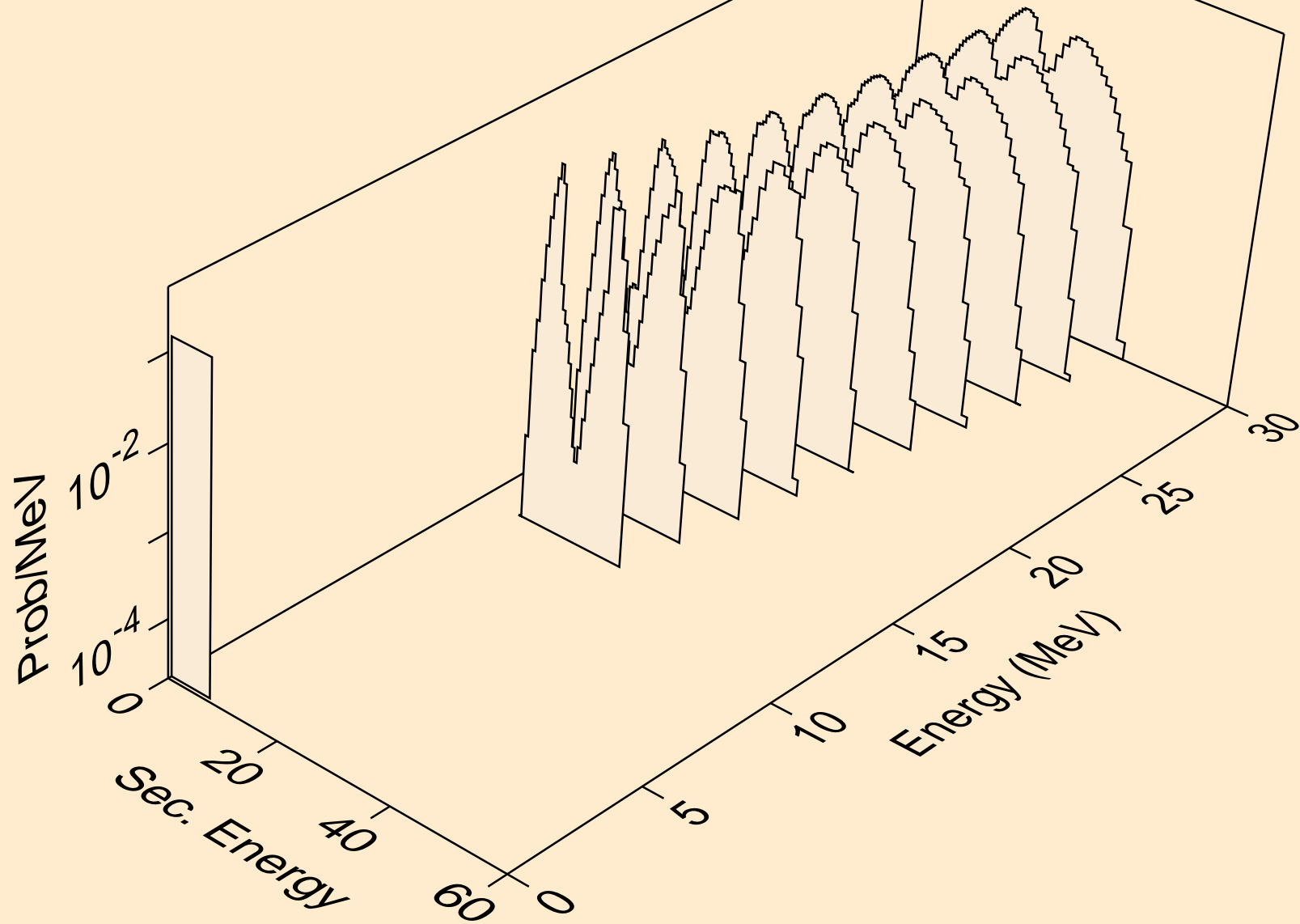


FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

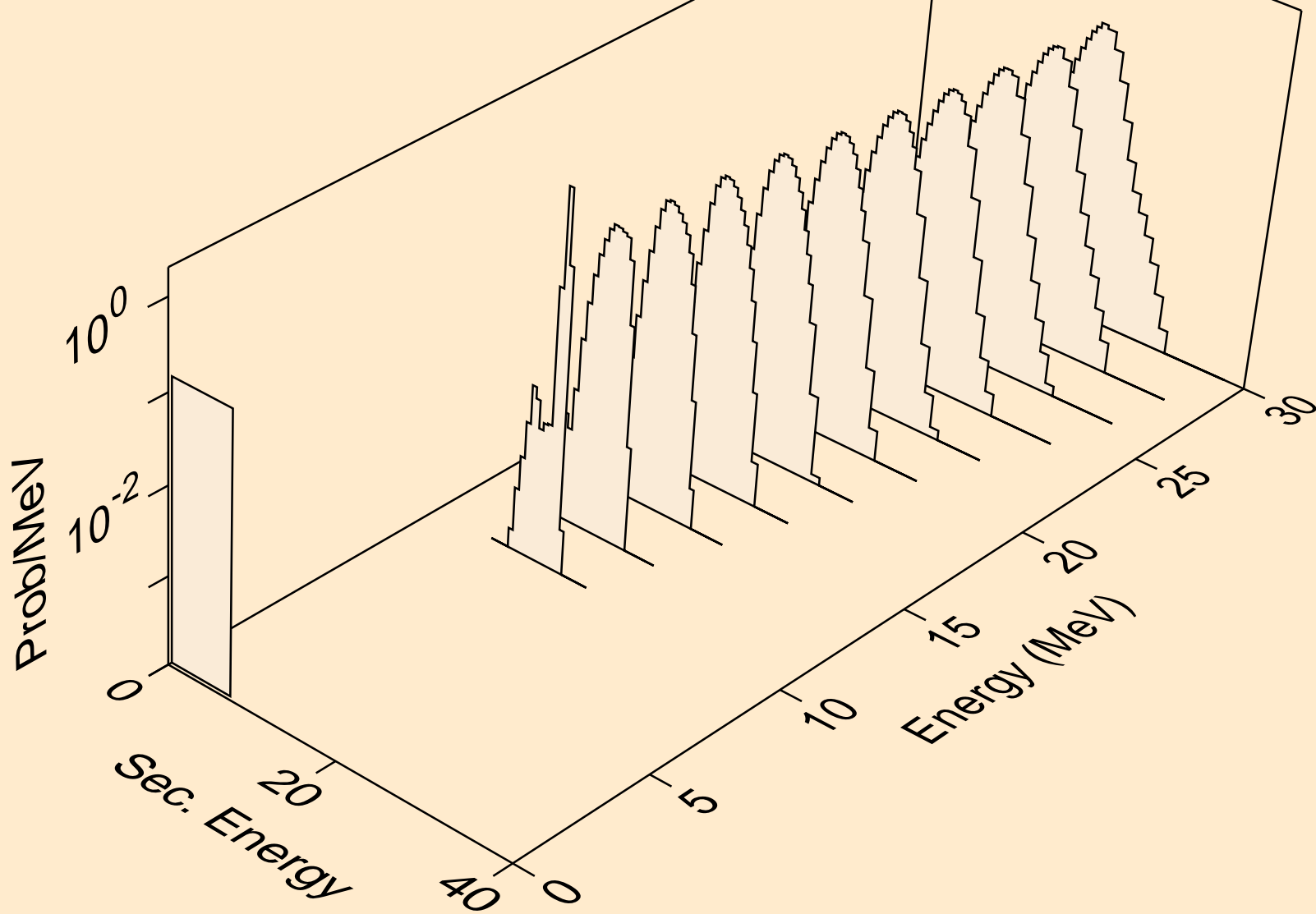




FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



FR221 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

