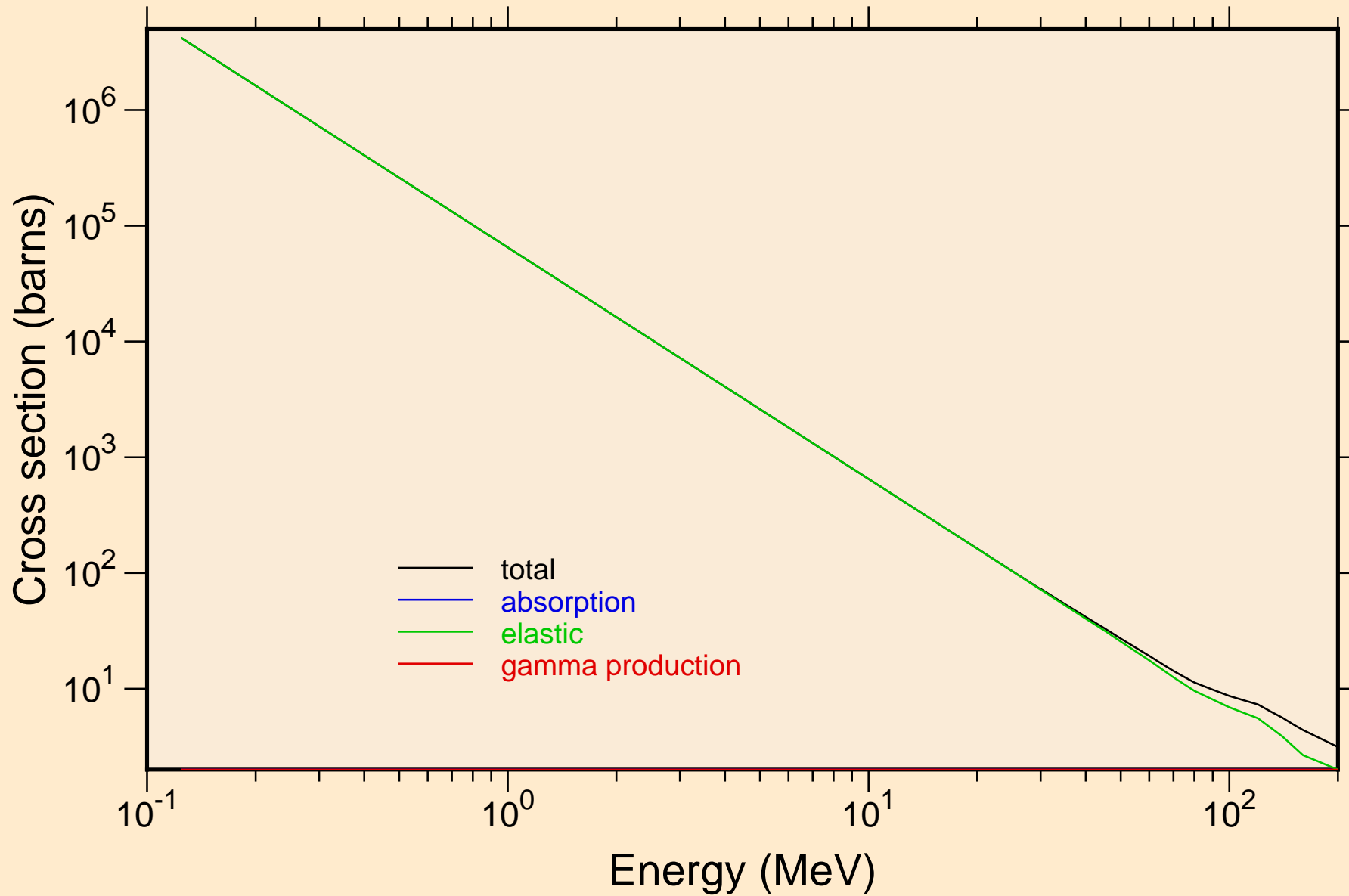


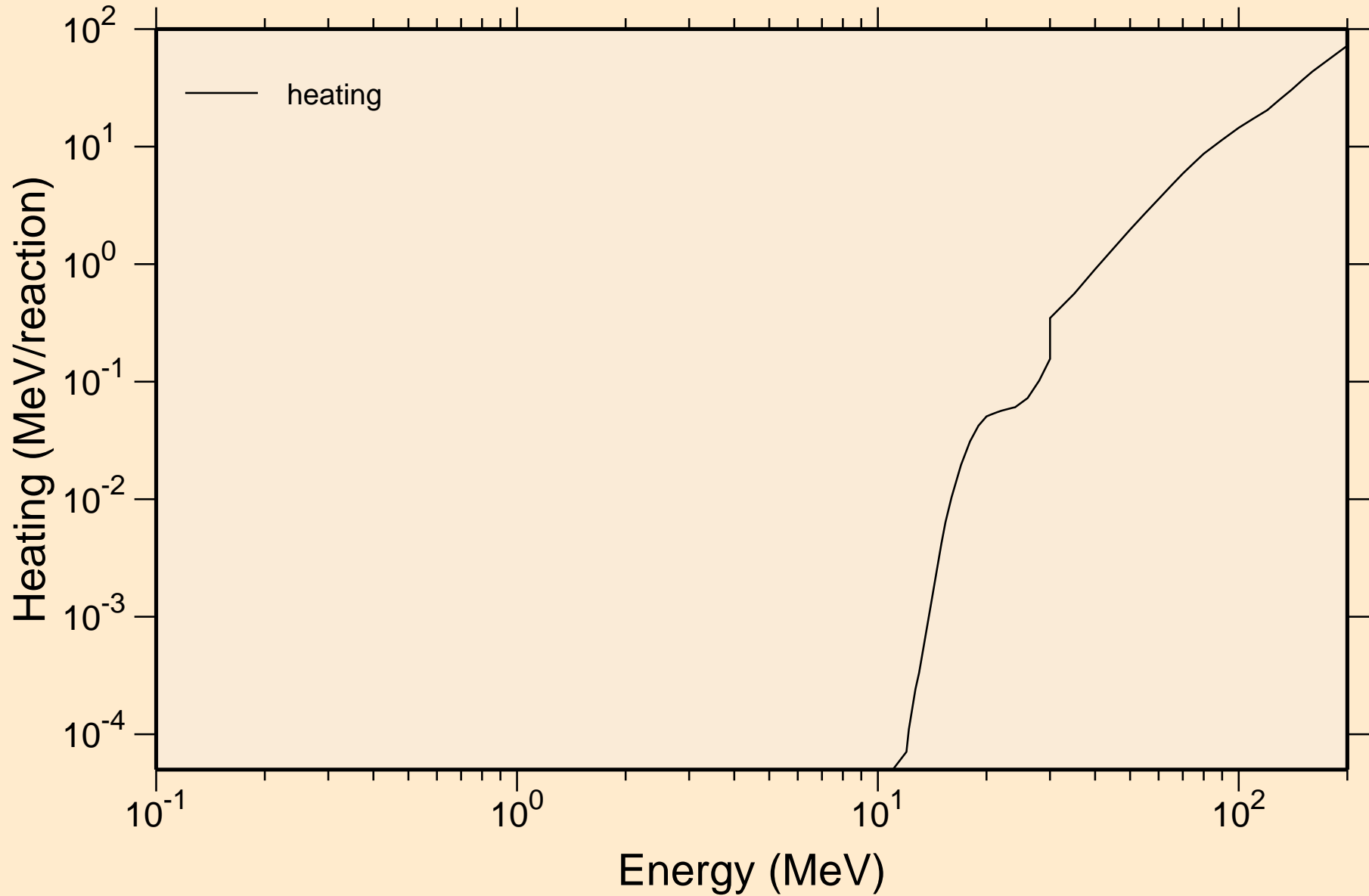
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



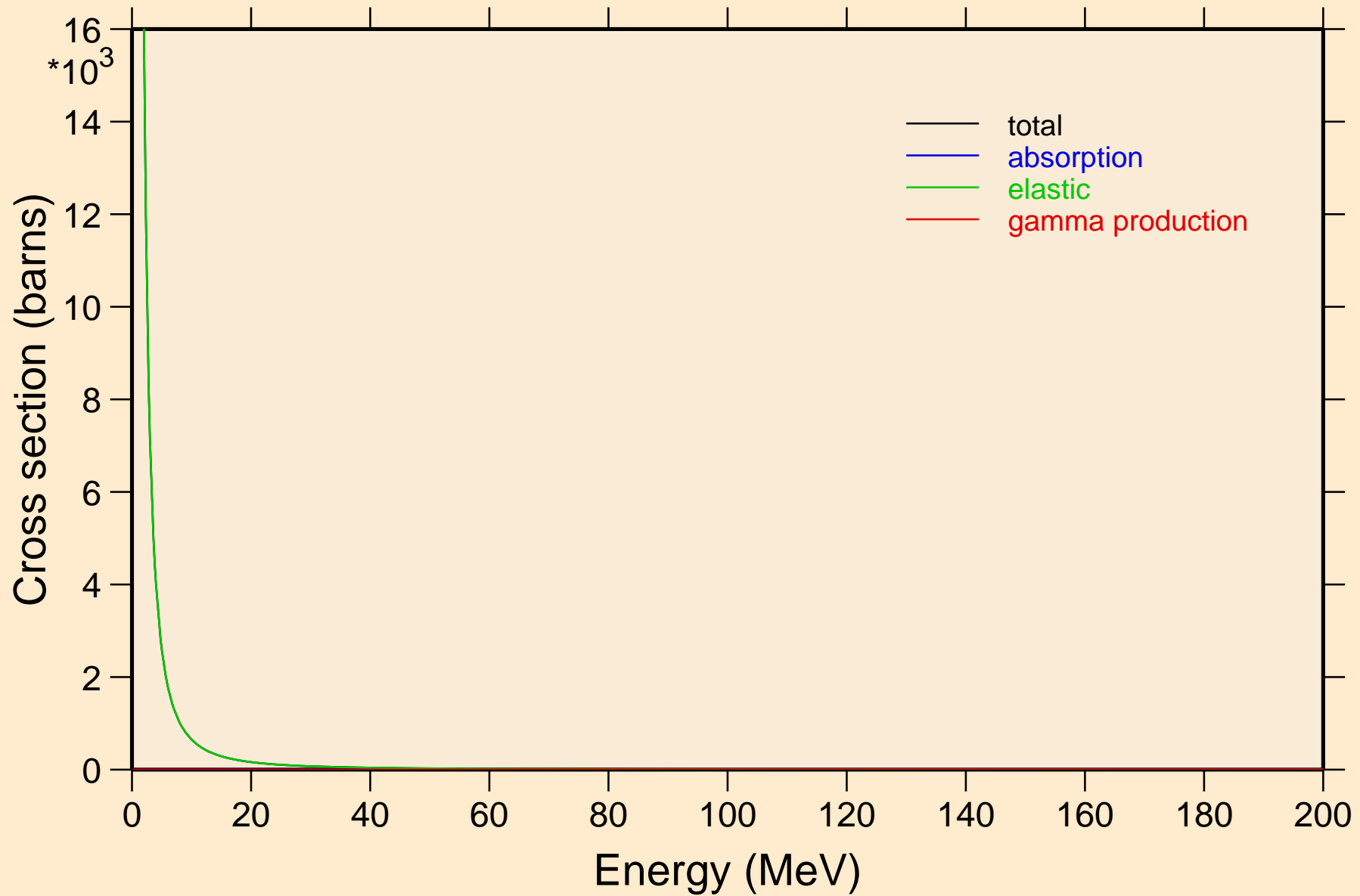
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



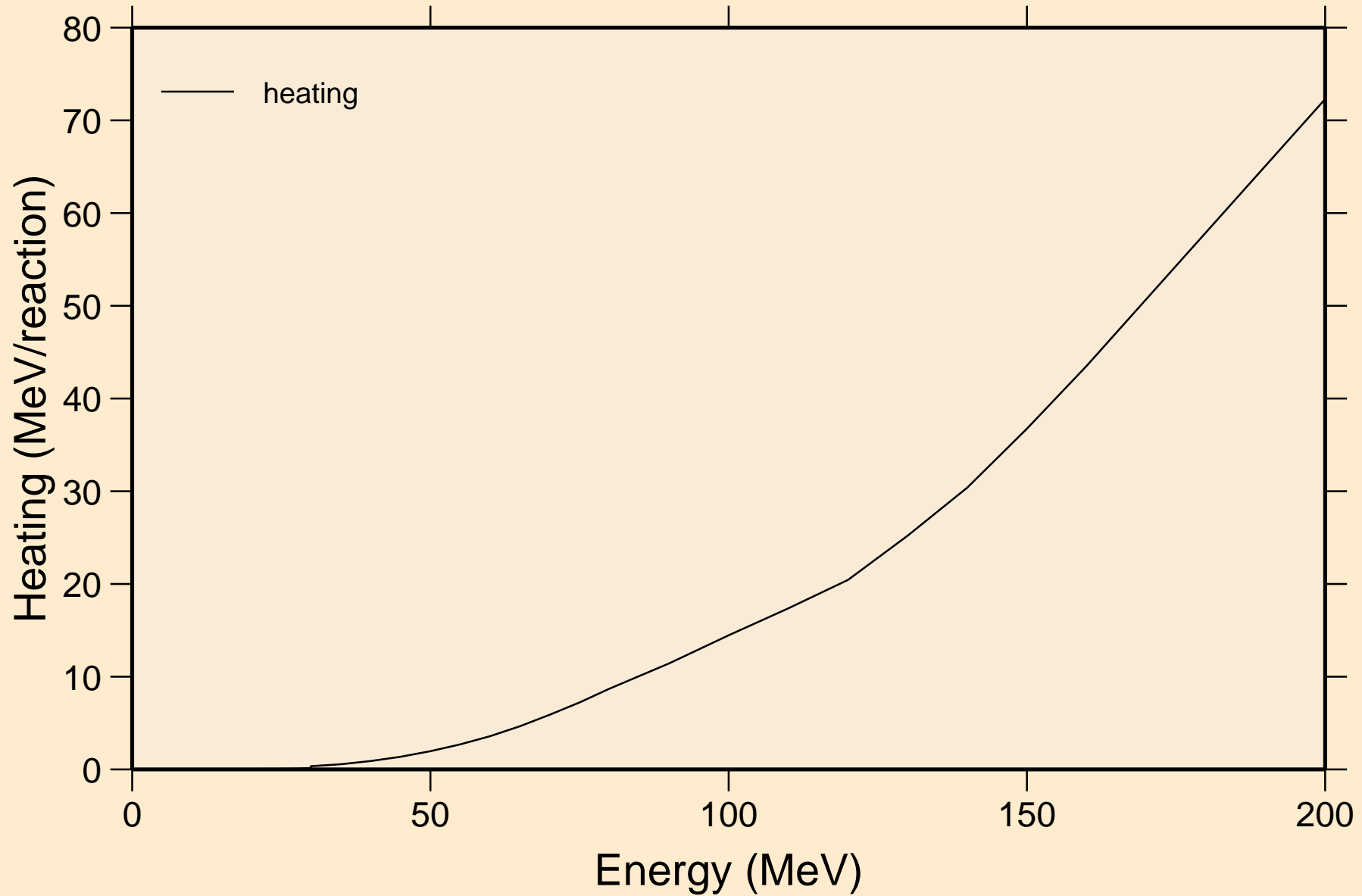
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



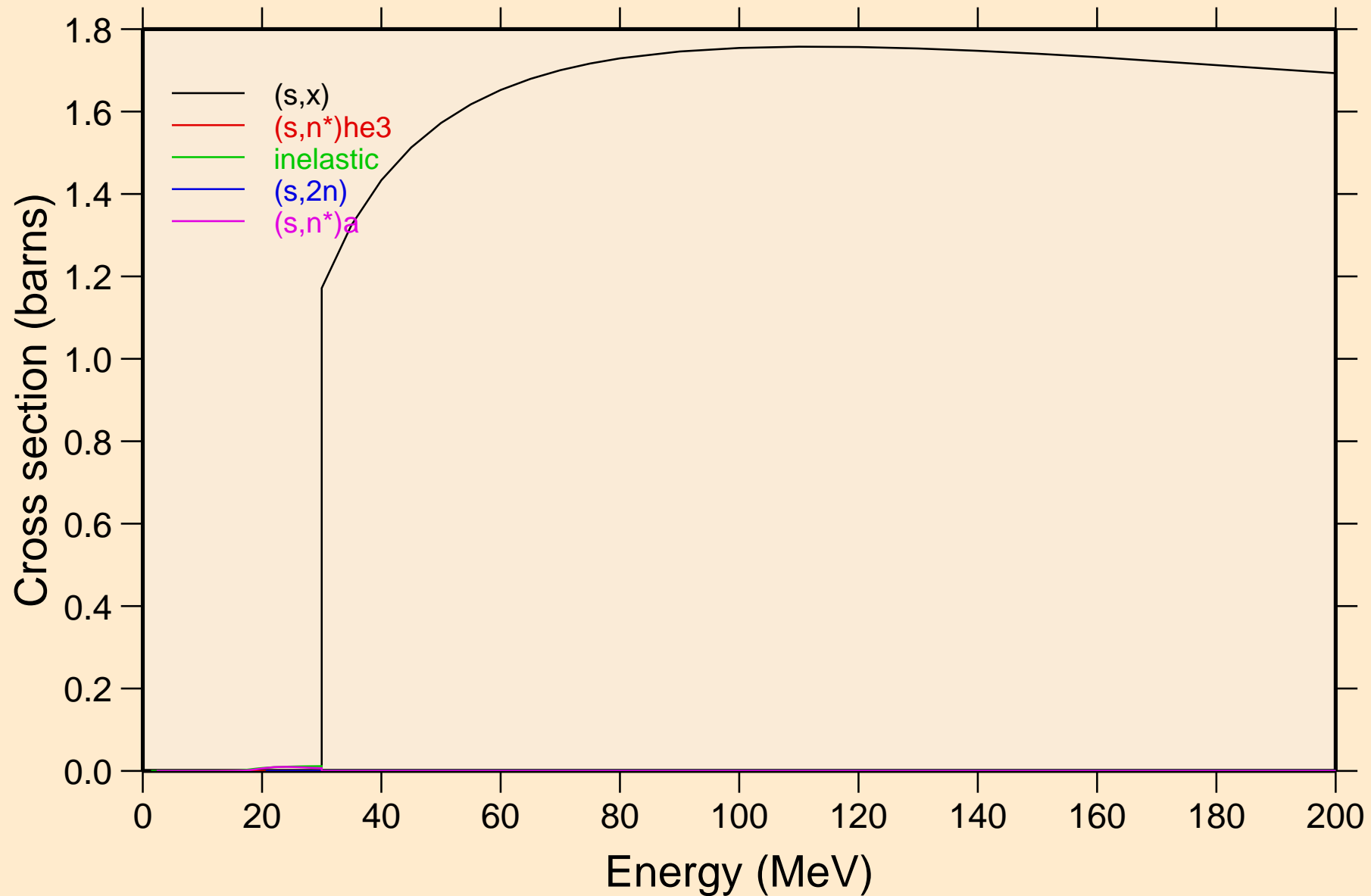
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



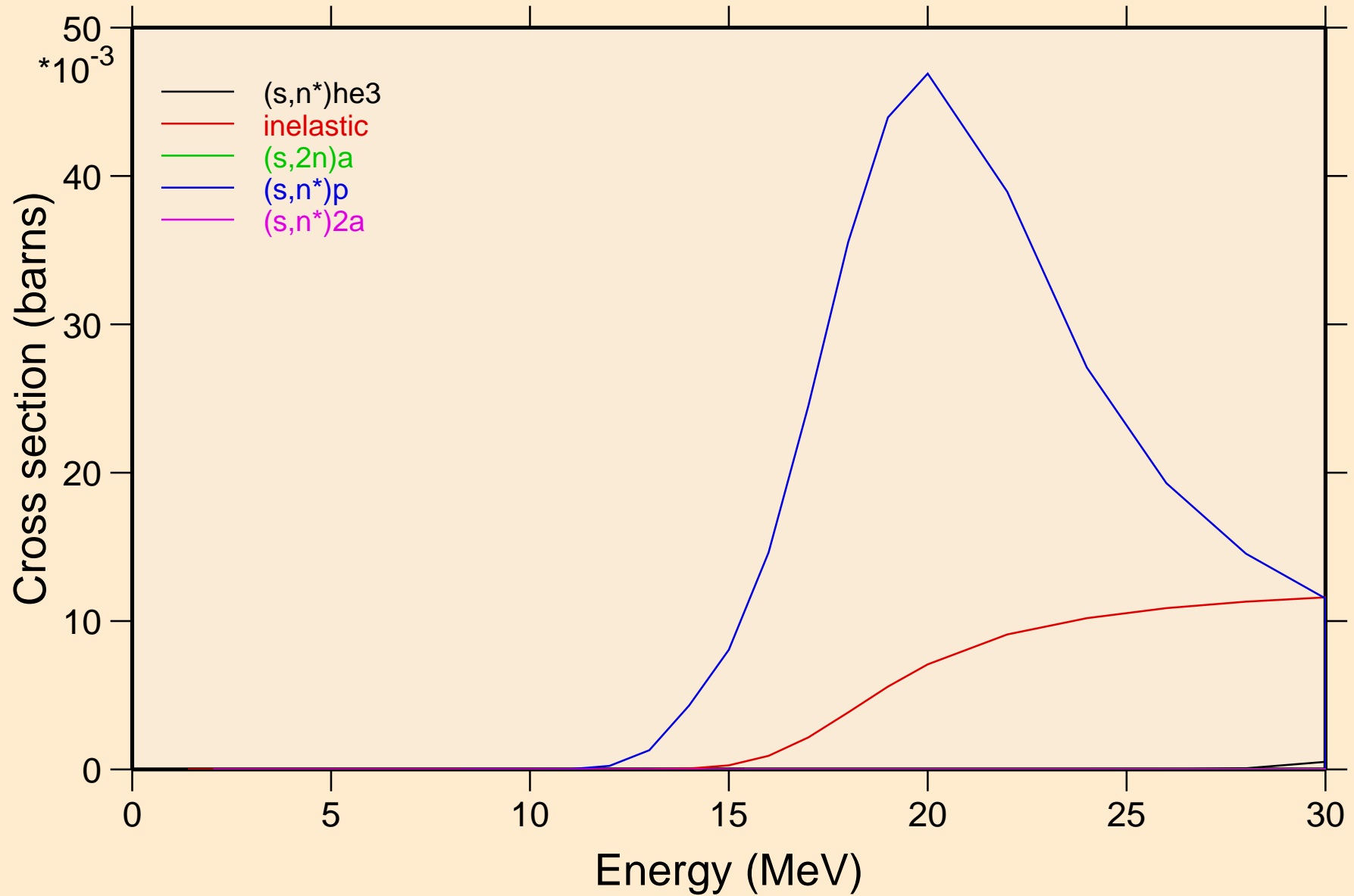
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



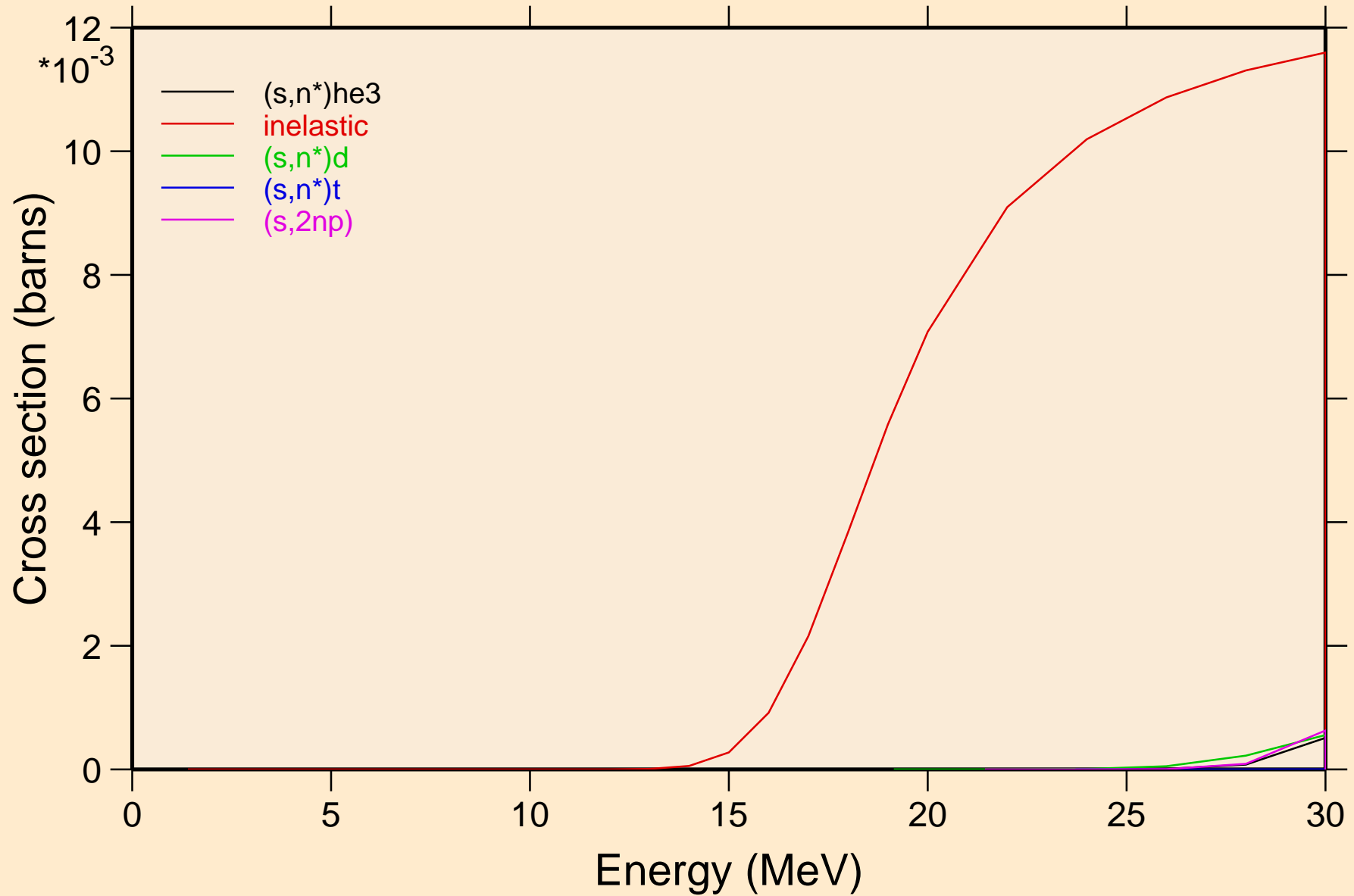
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



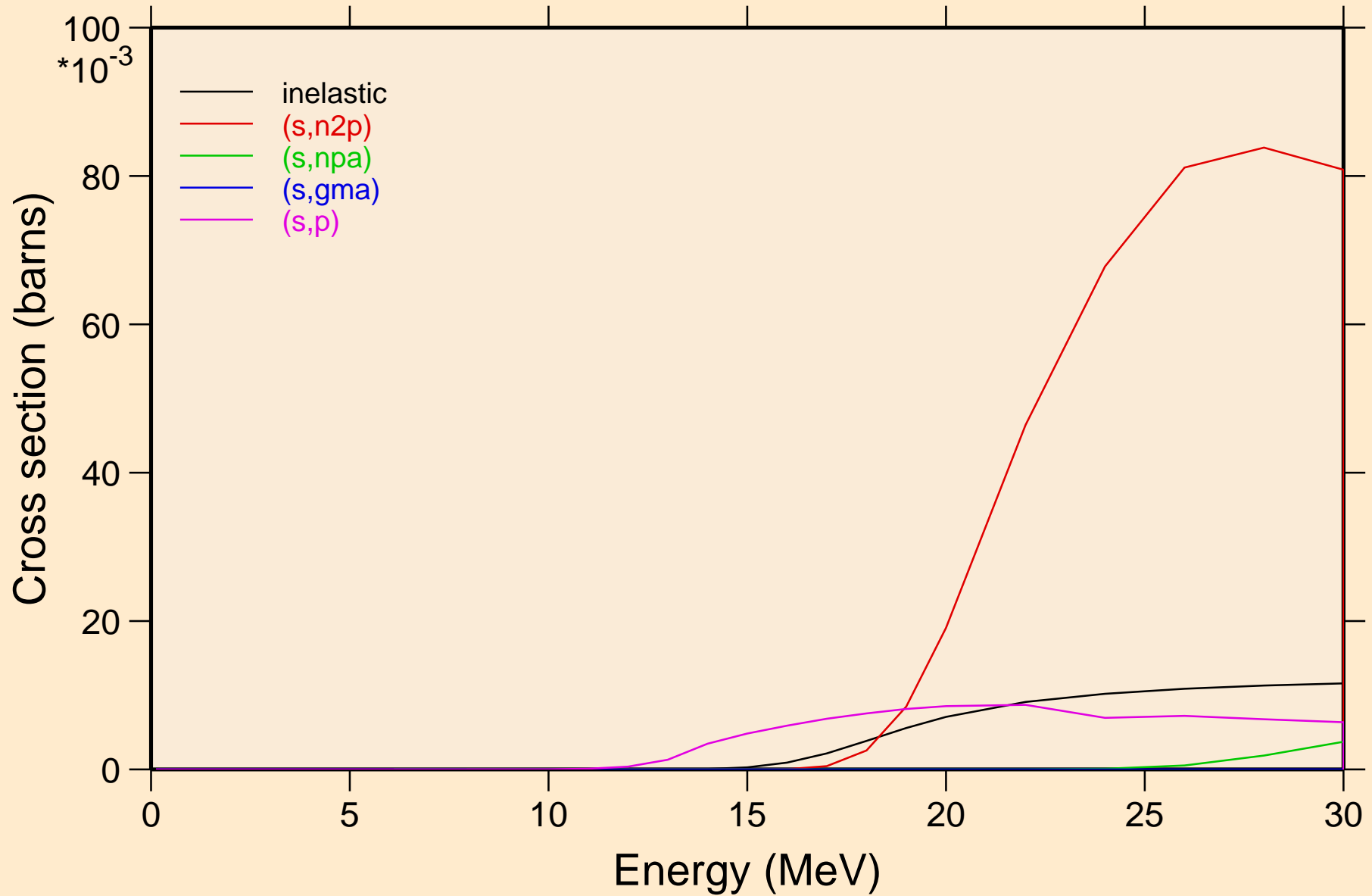
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



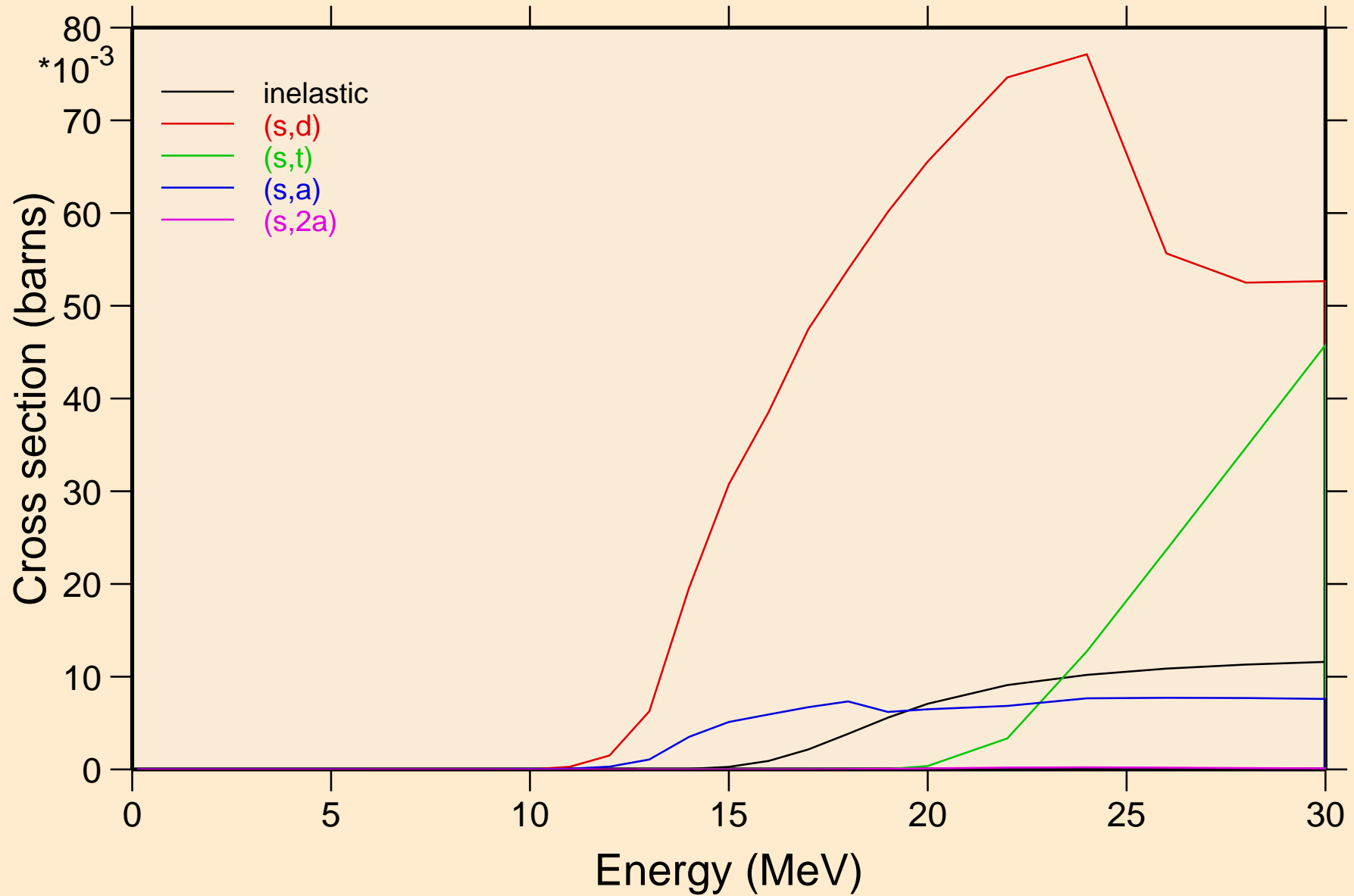
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## Threshold reactions



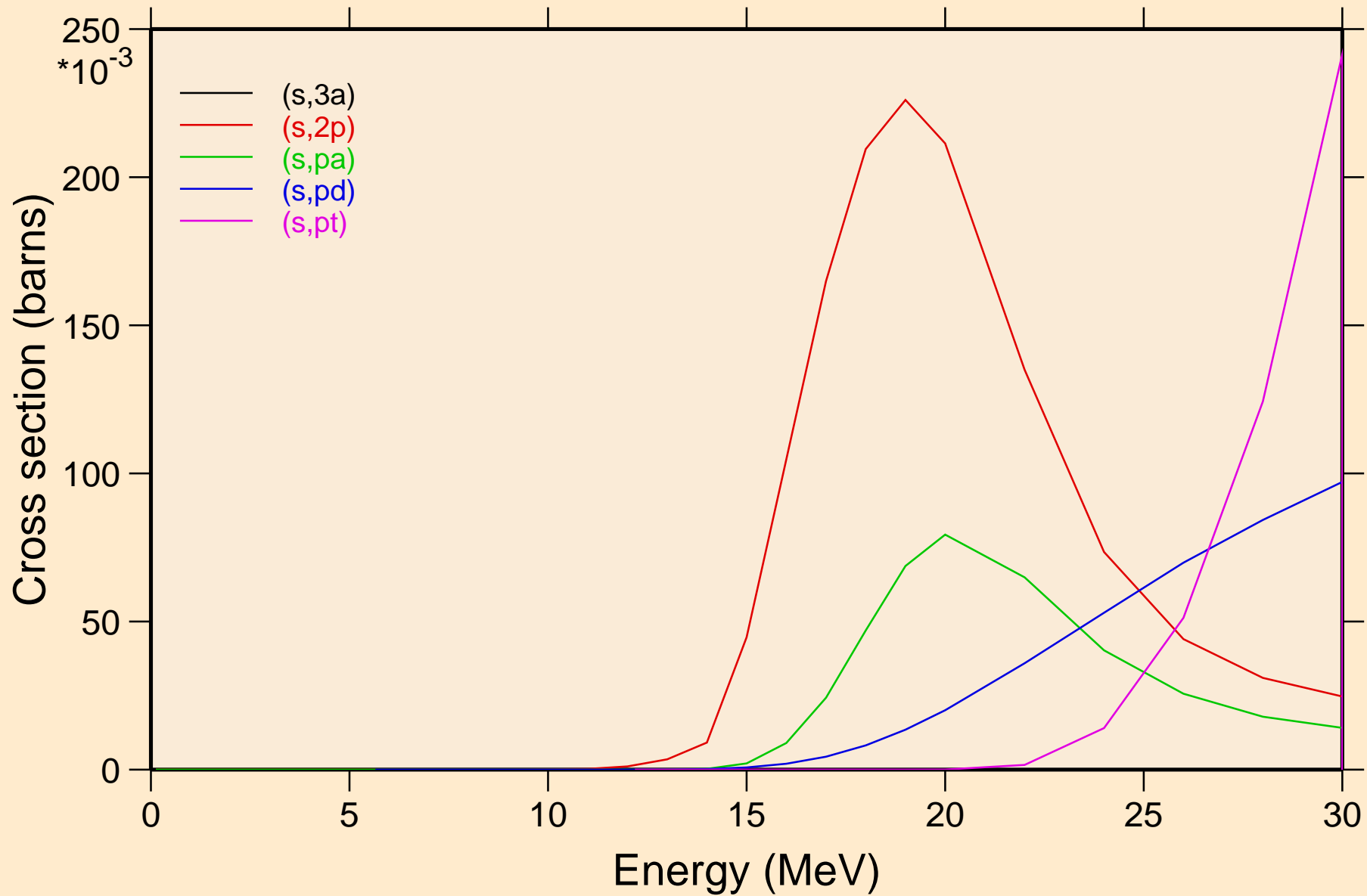
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



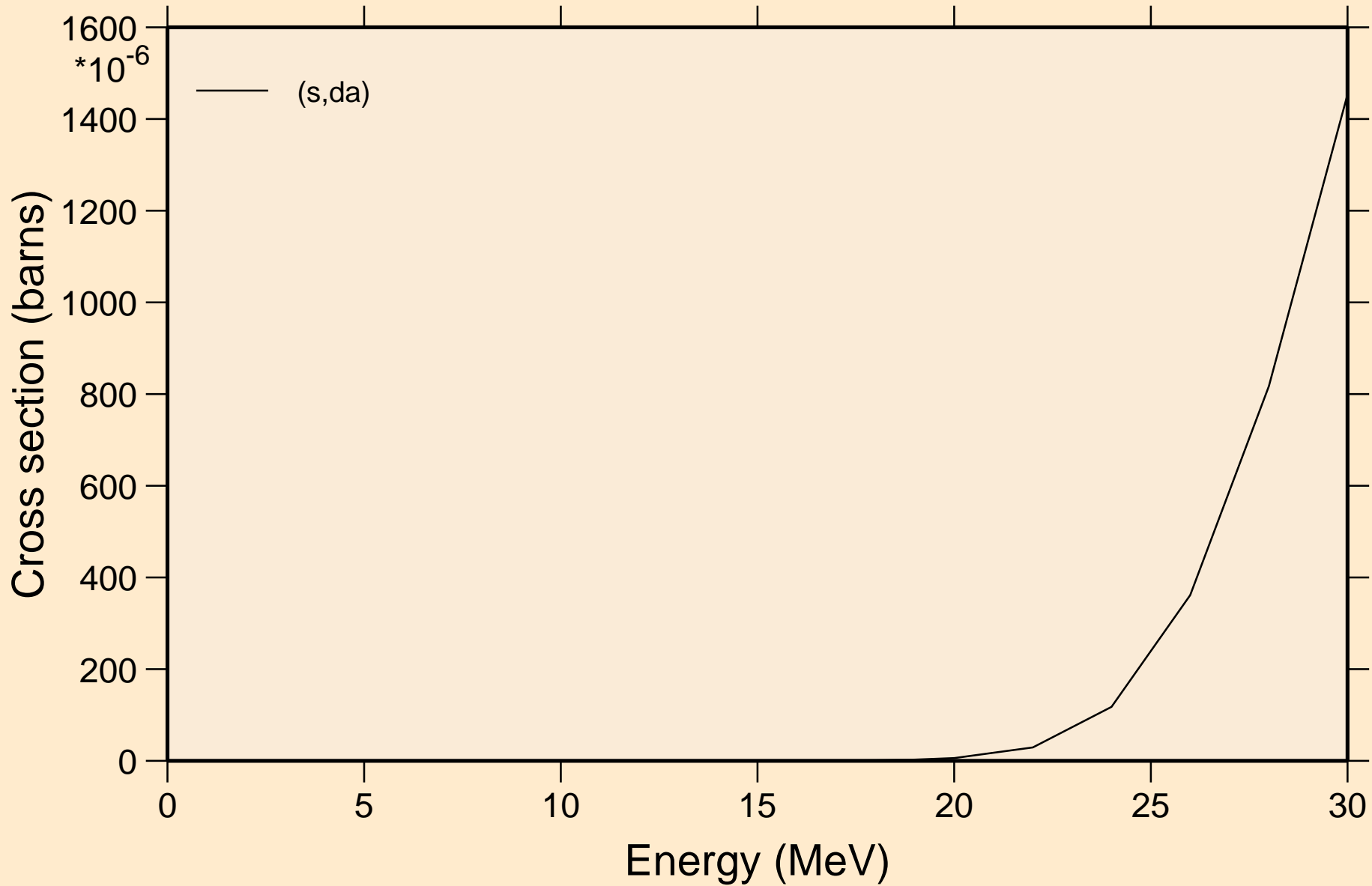
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## Threshold reactions

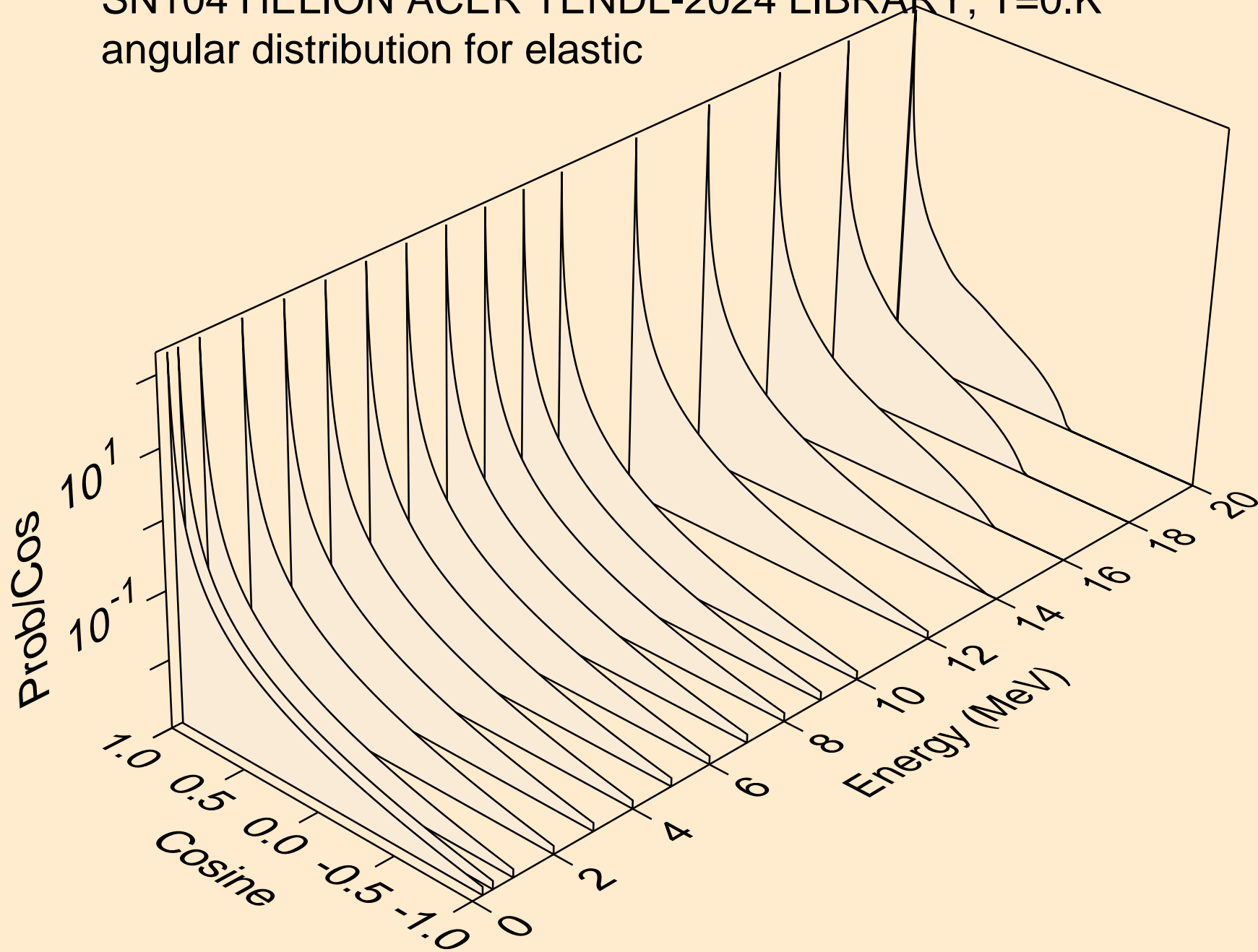


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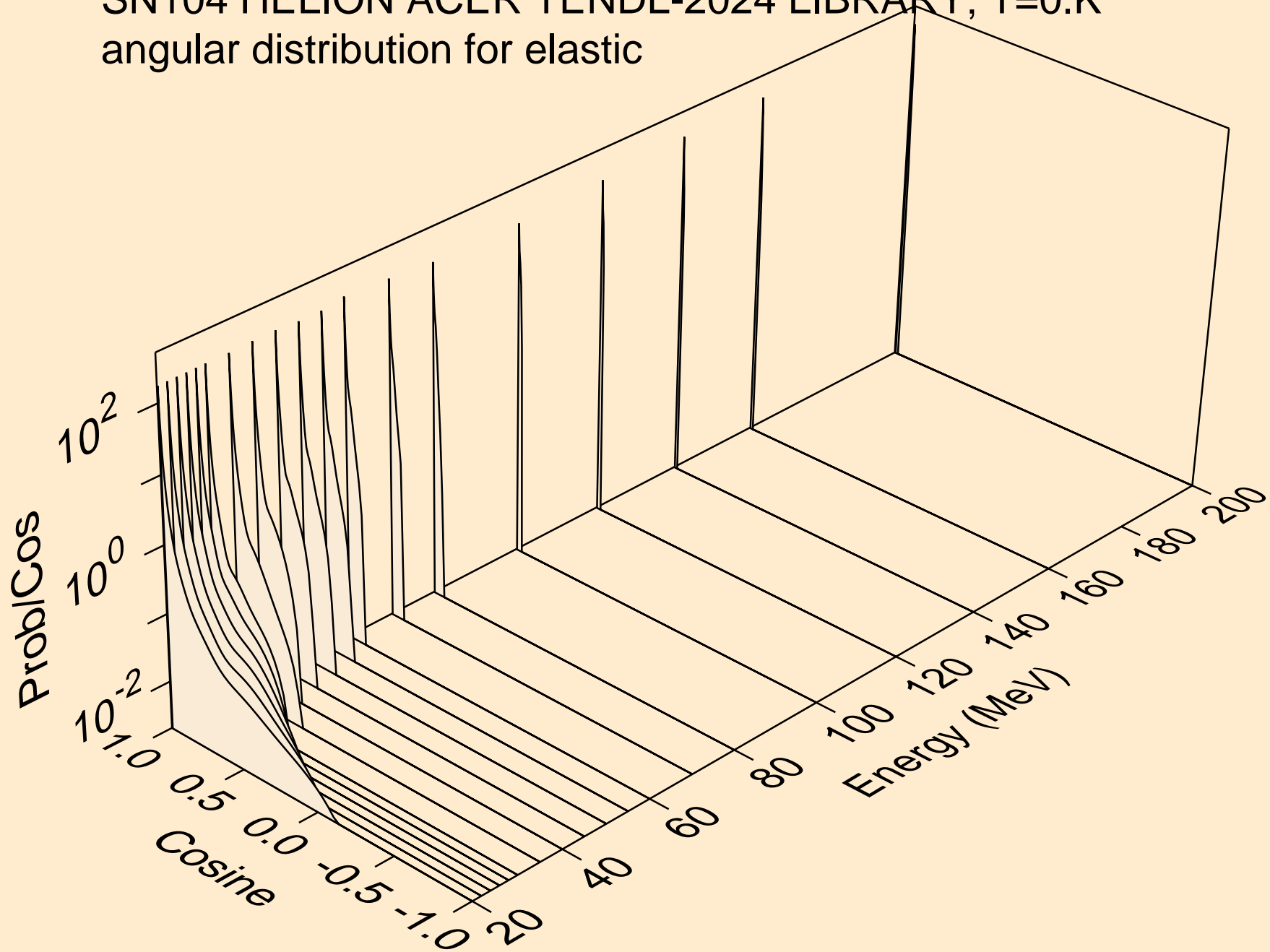
## Threshold reactions



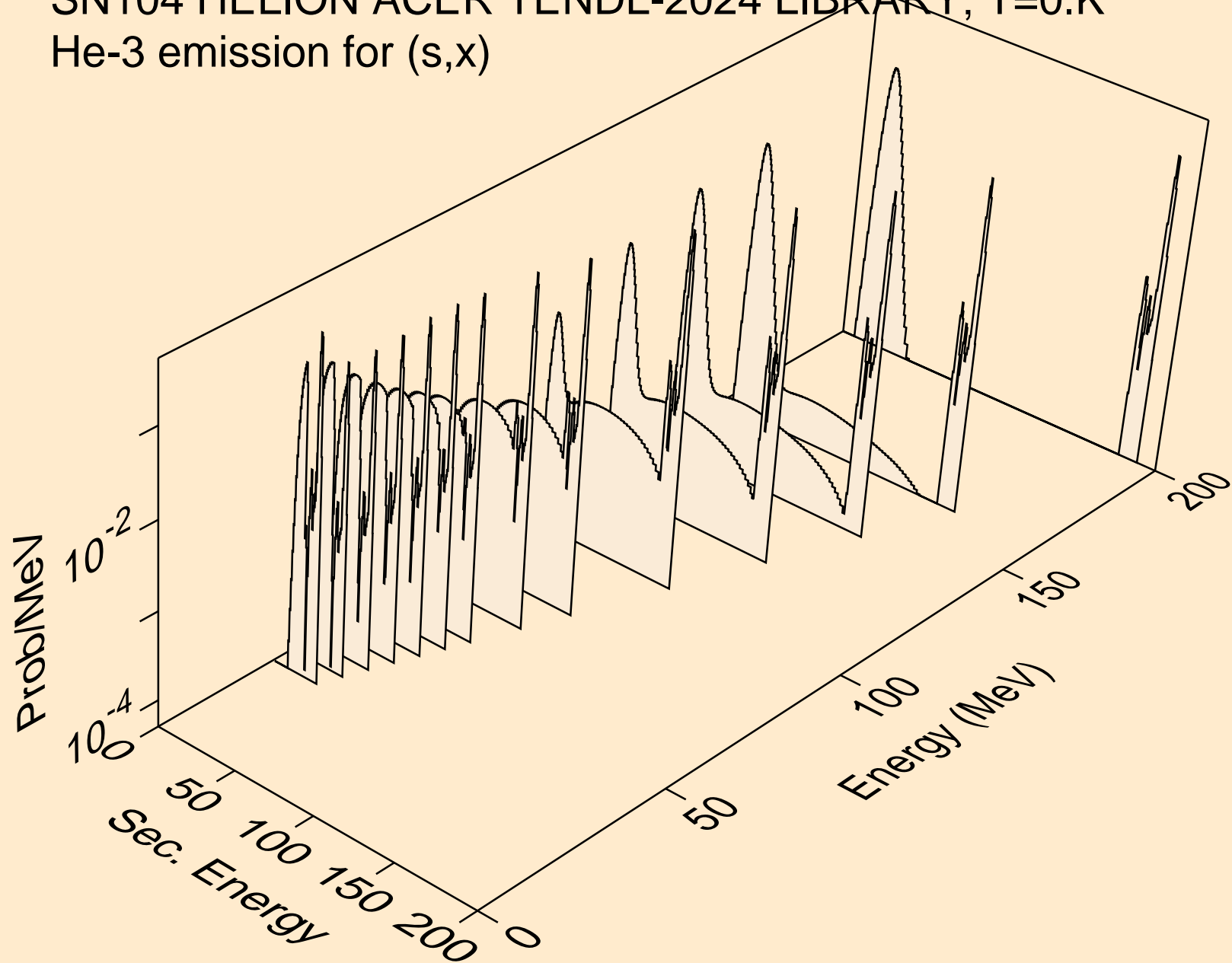
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



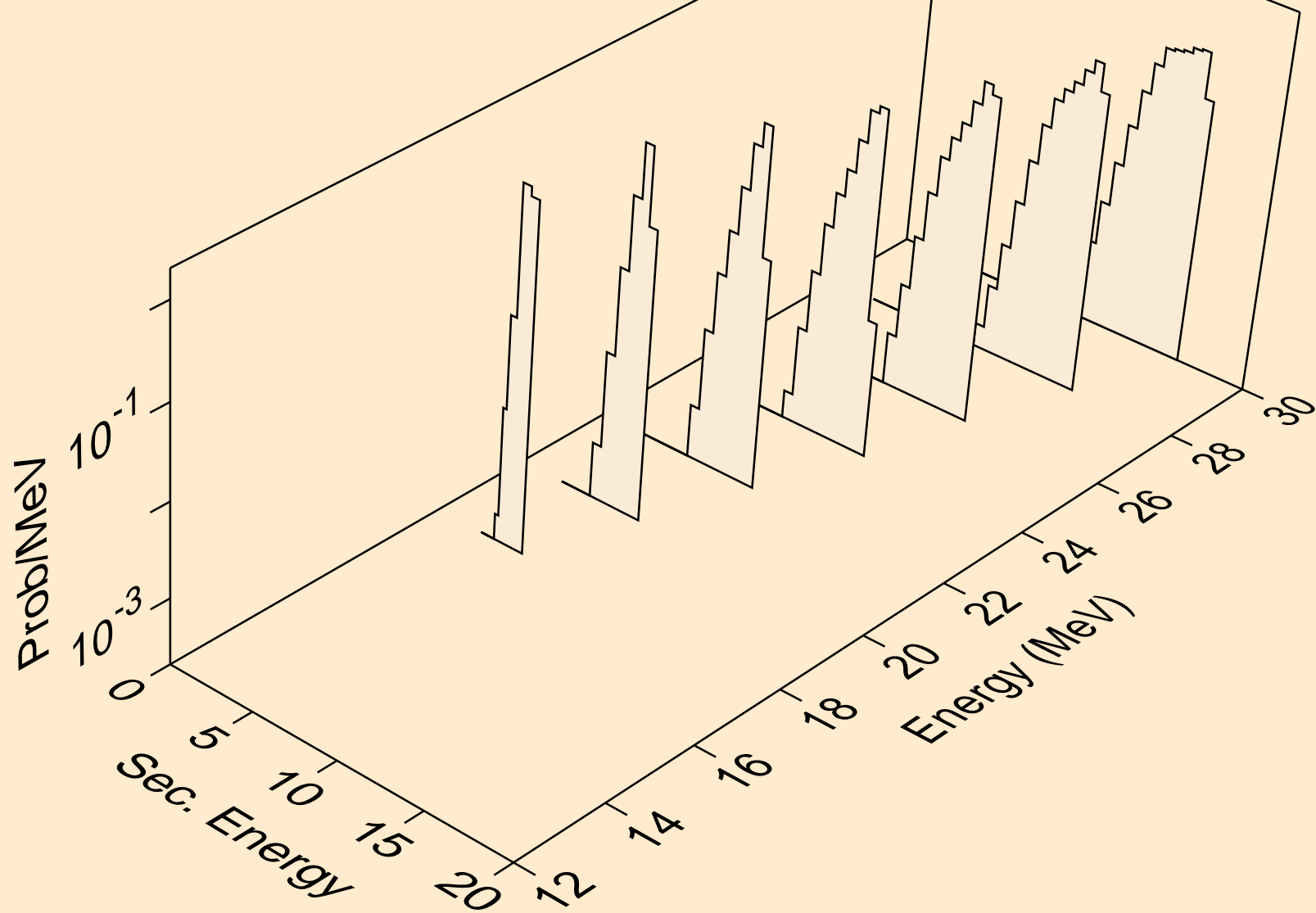
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



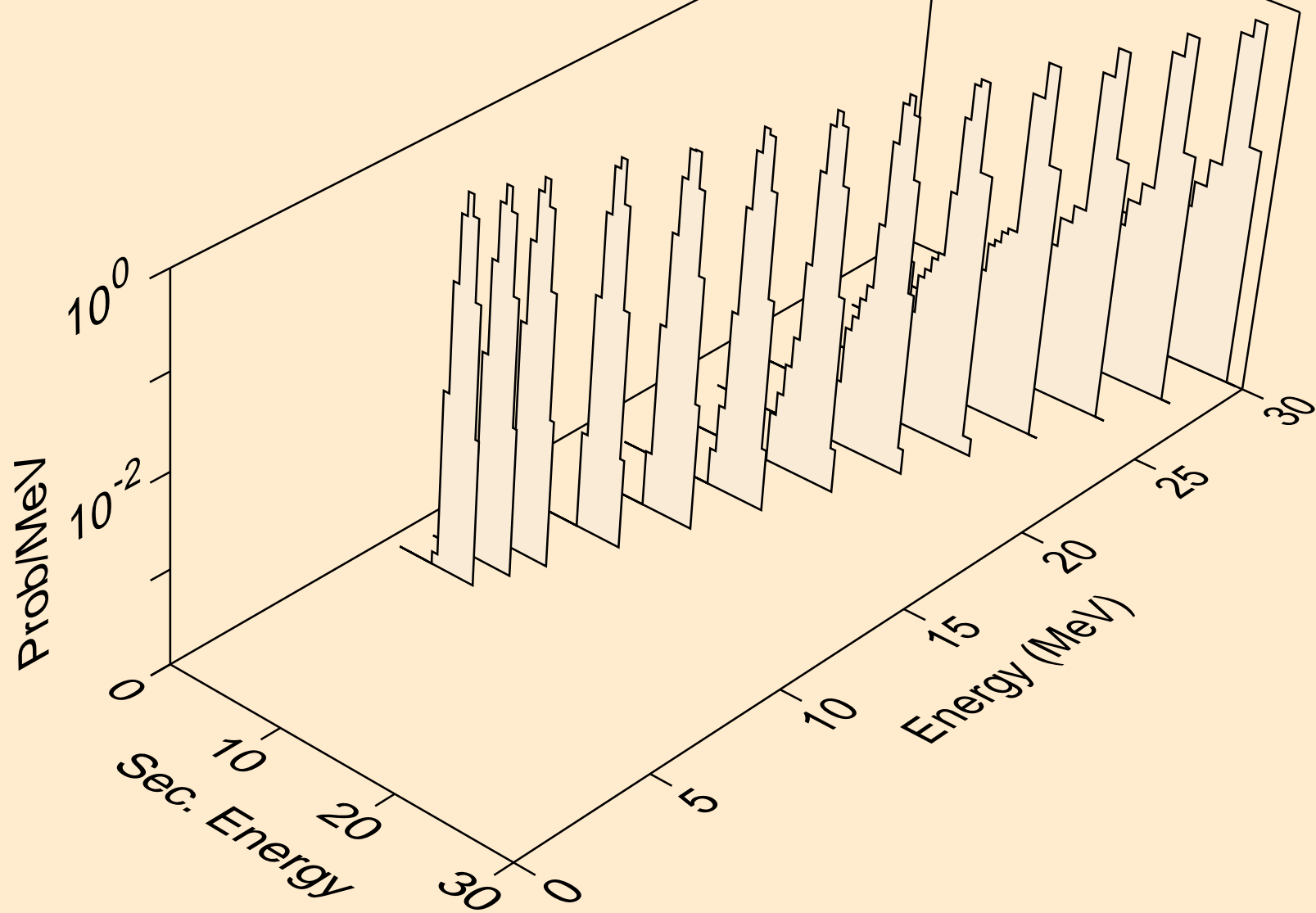
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



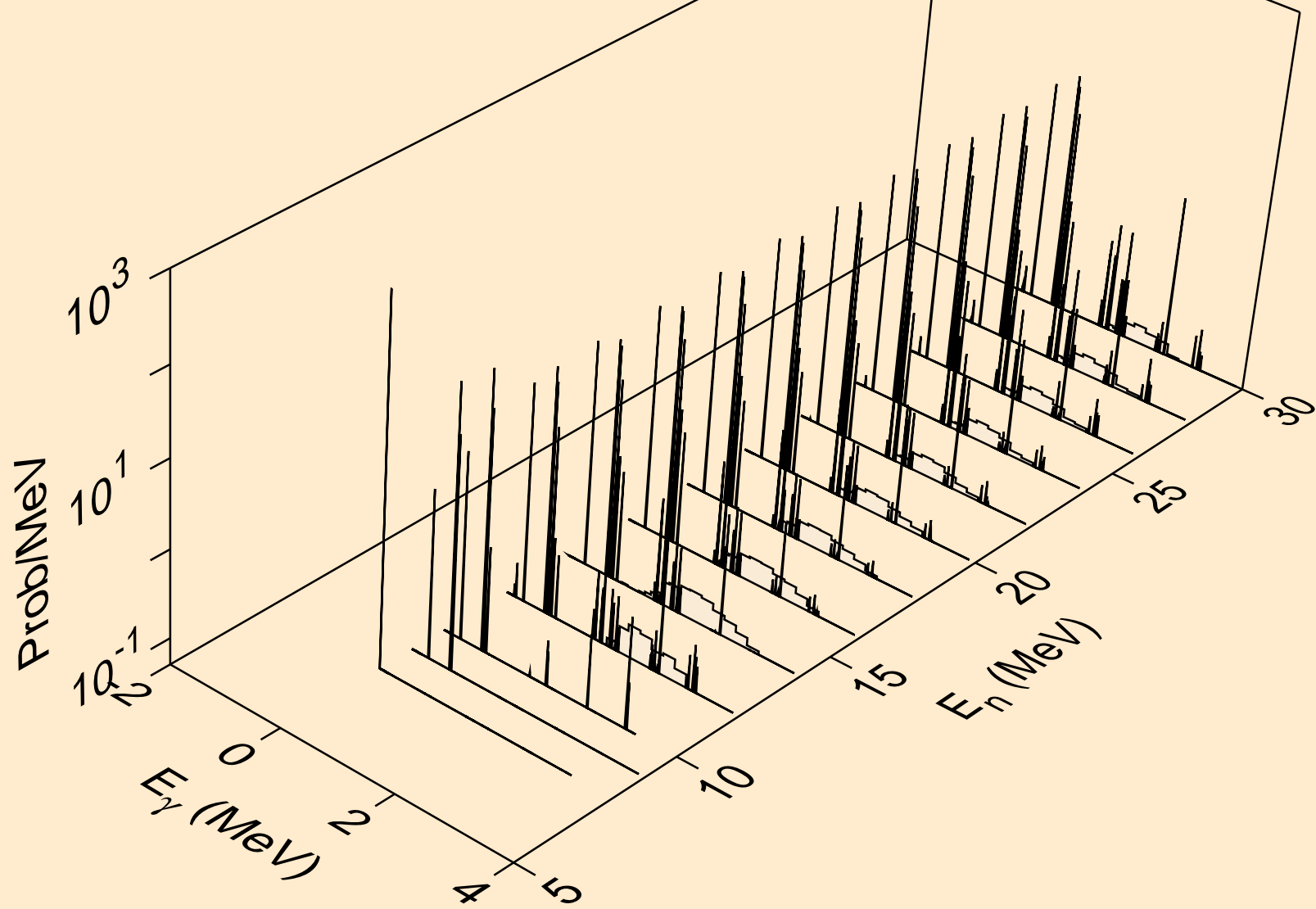
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



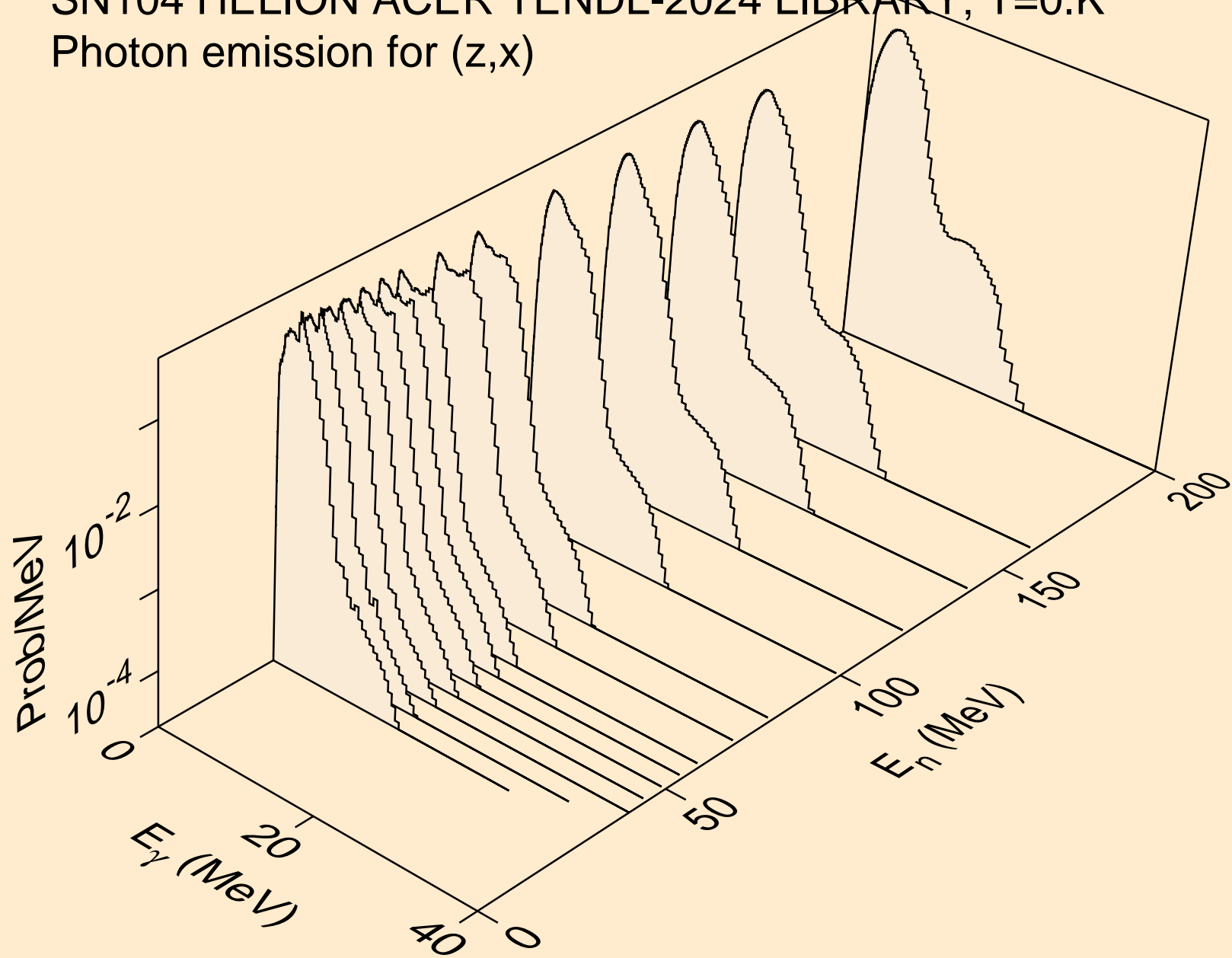
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



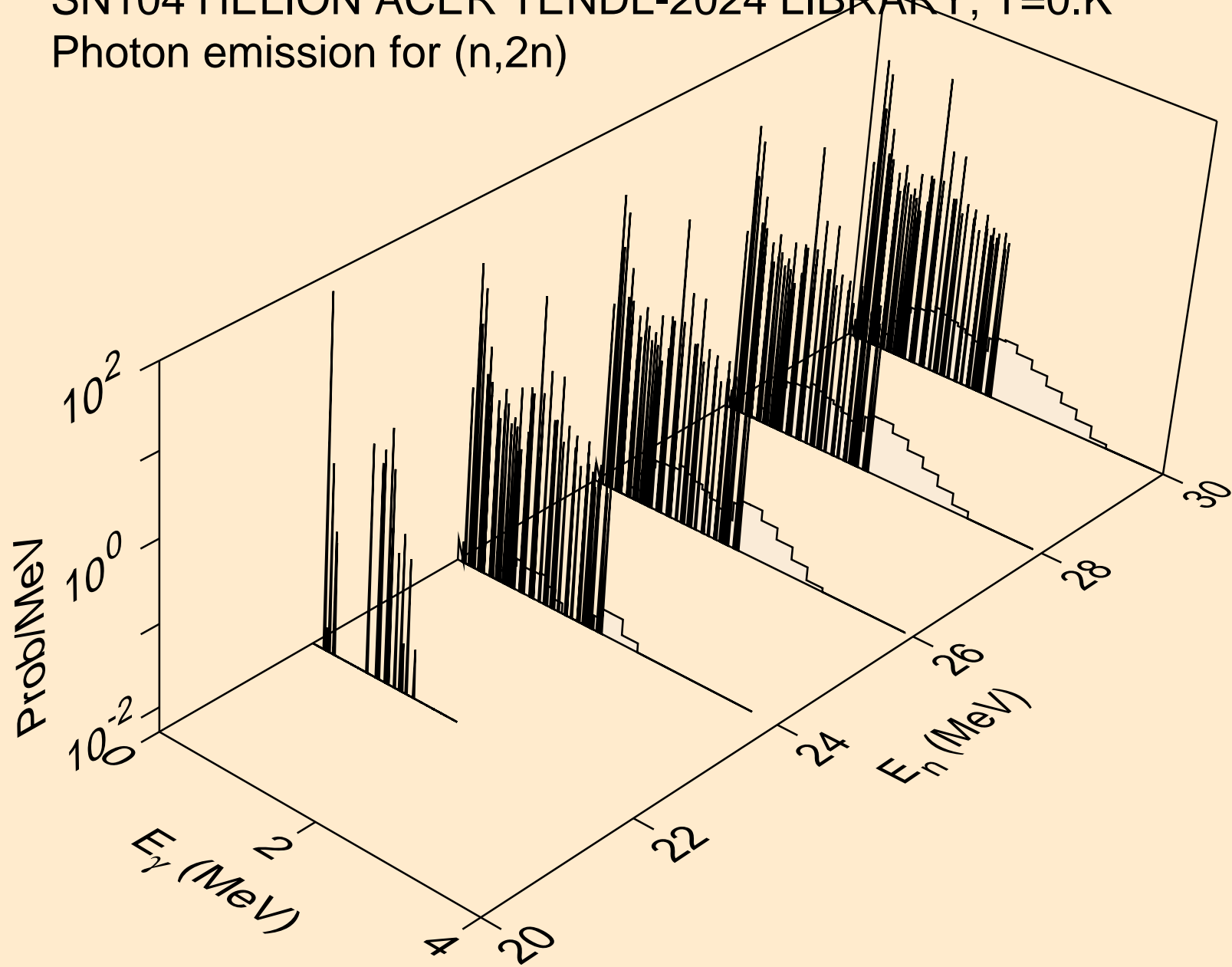
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



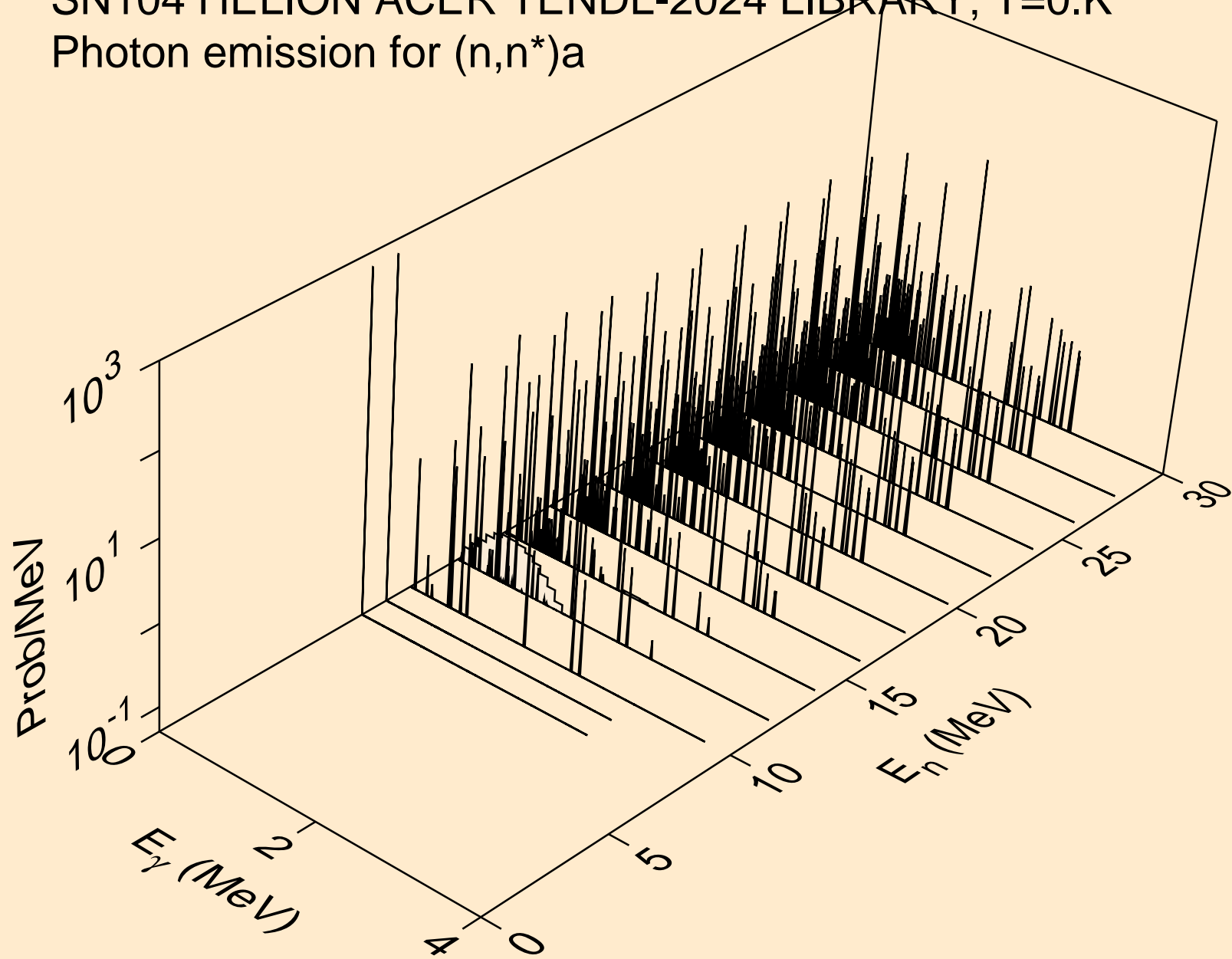
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



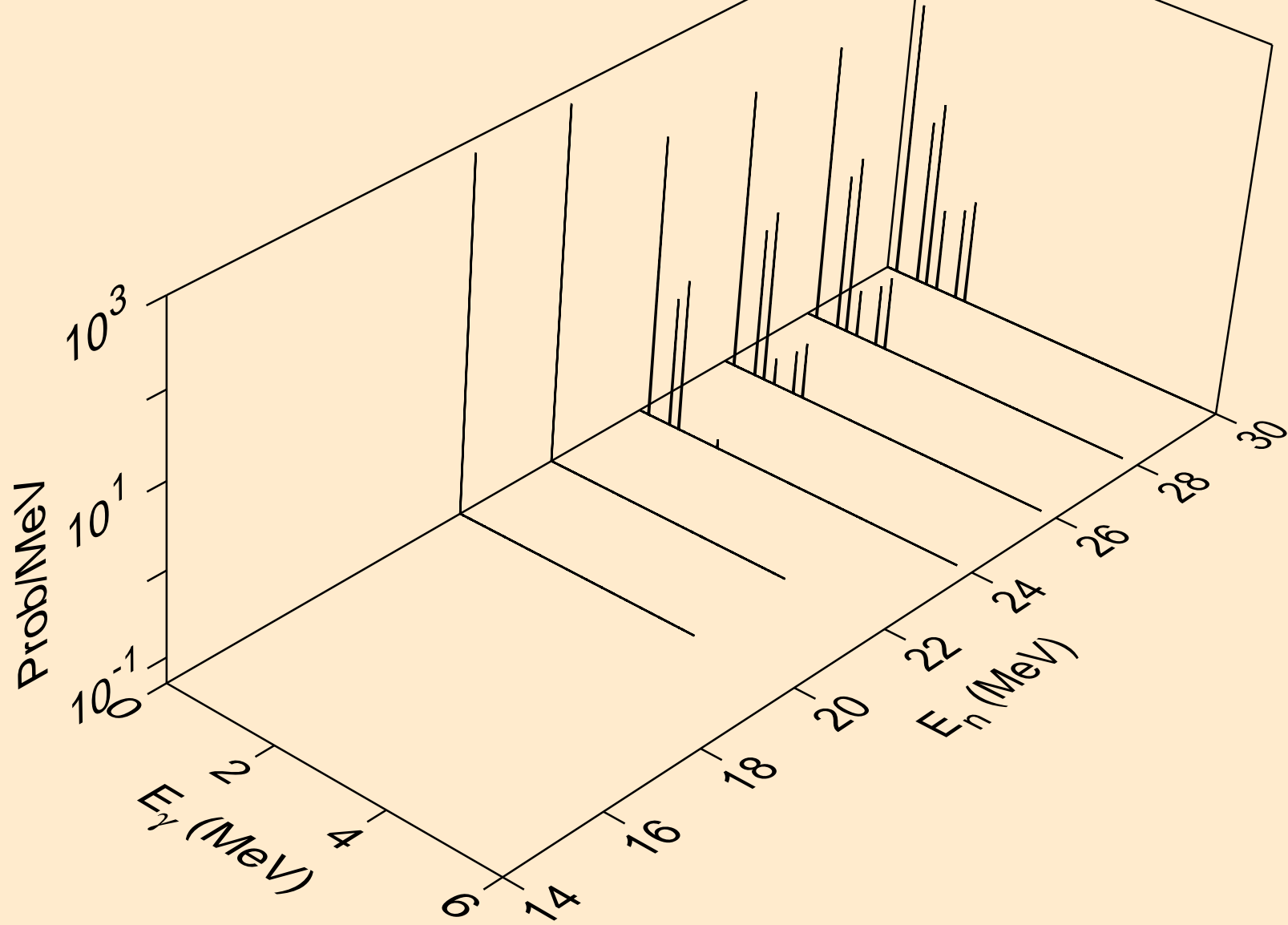
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



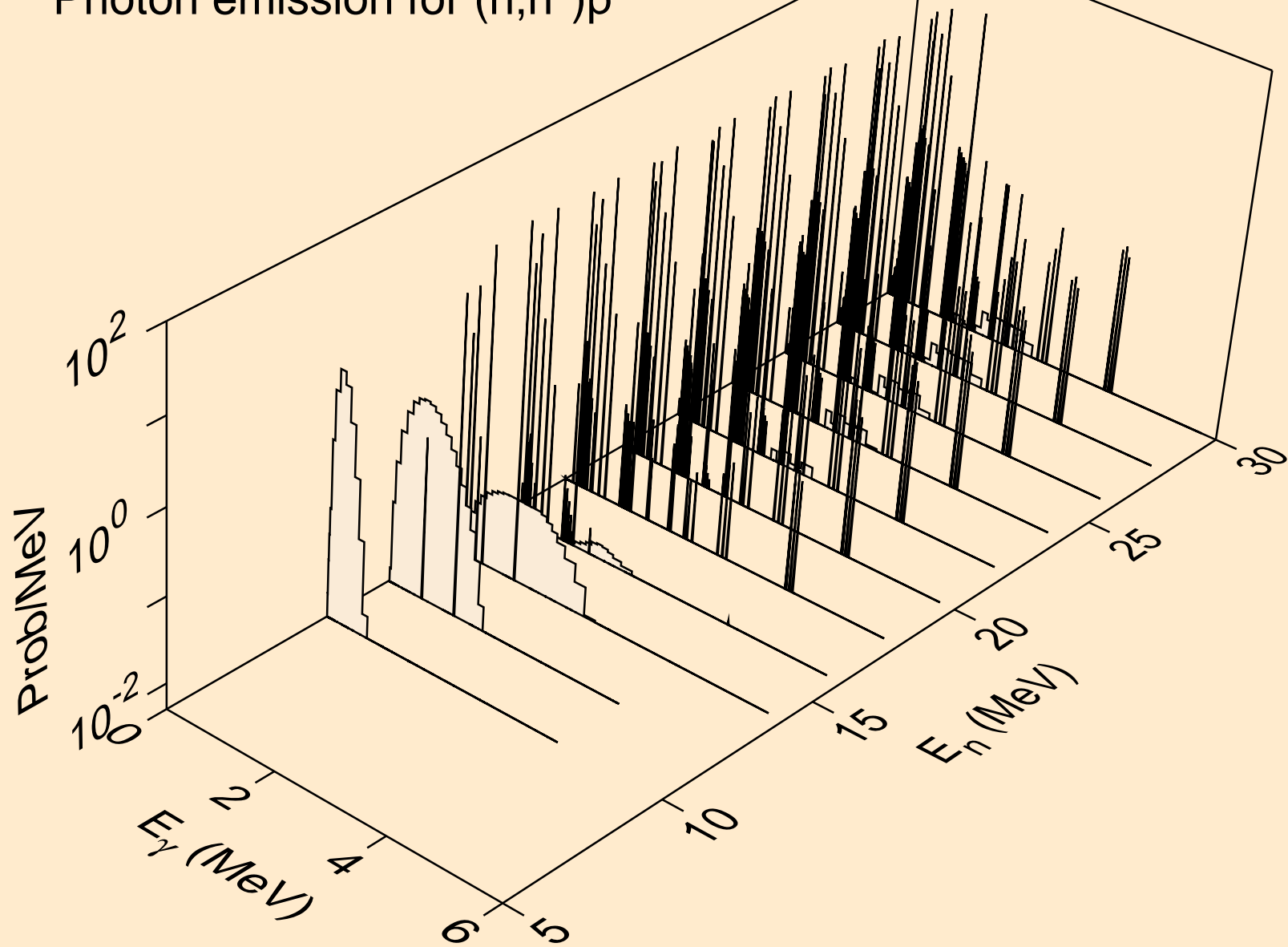
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



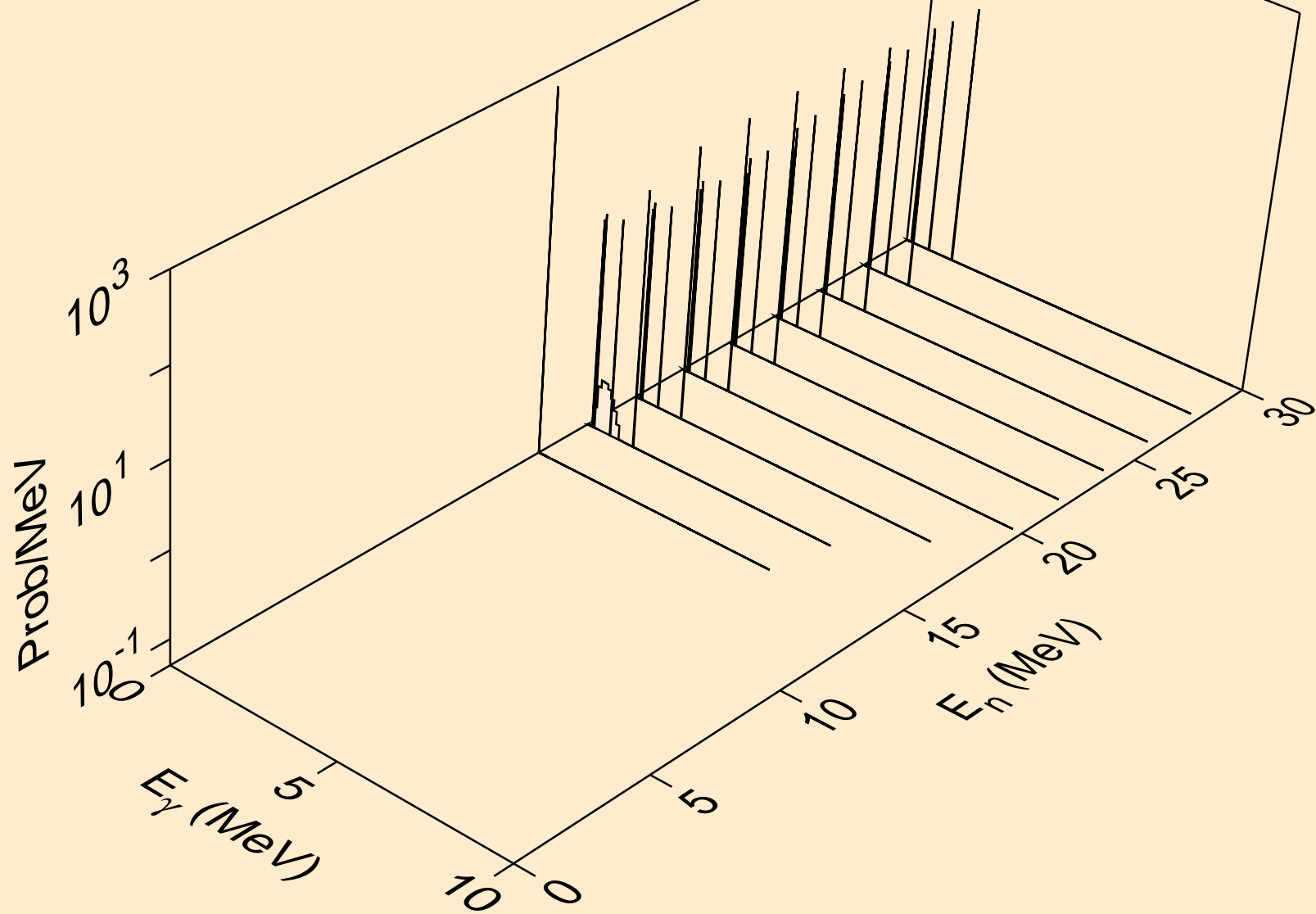
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Photon emission for (n,2n)a



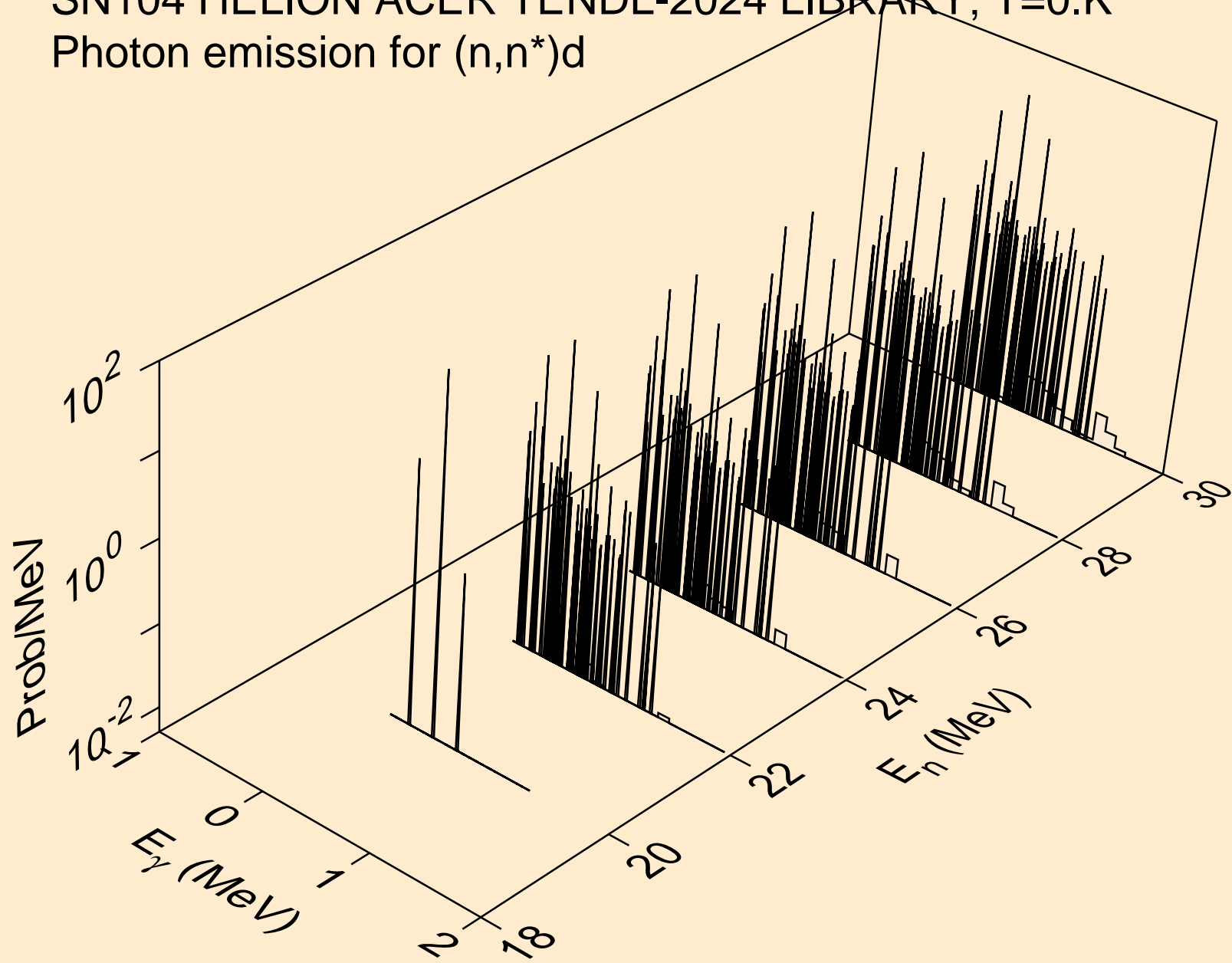
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



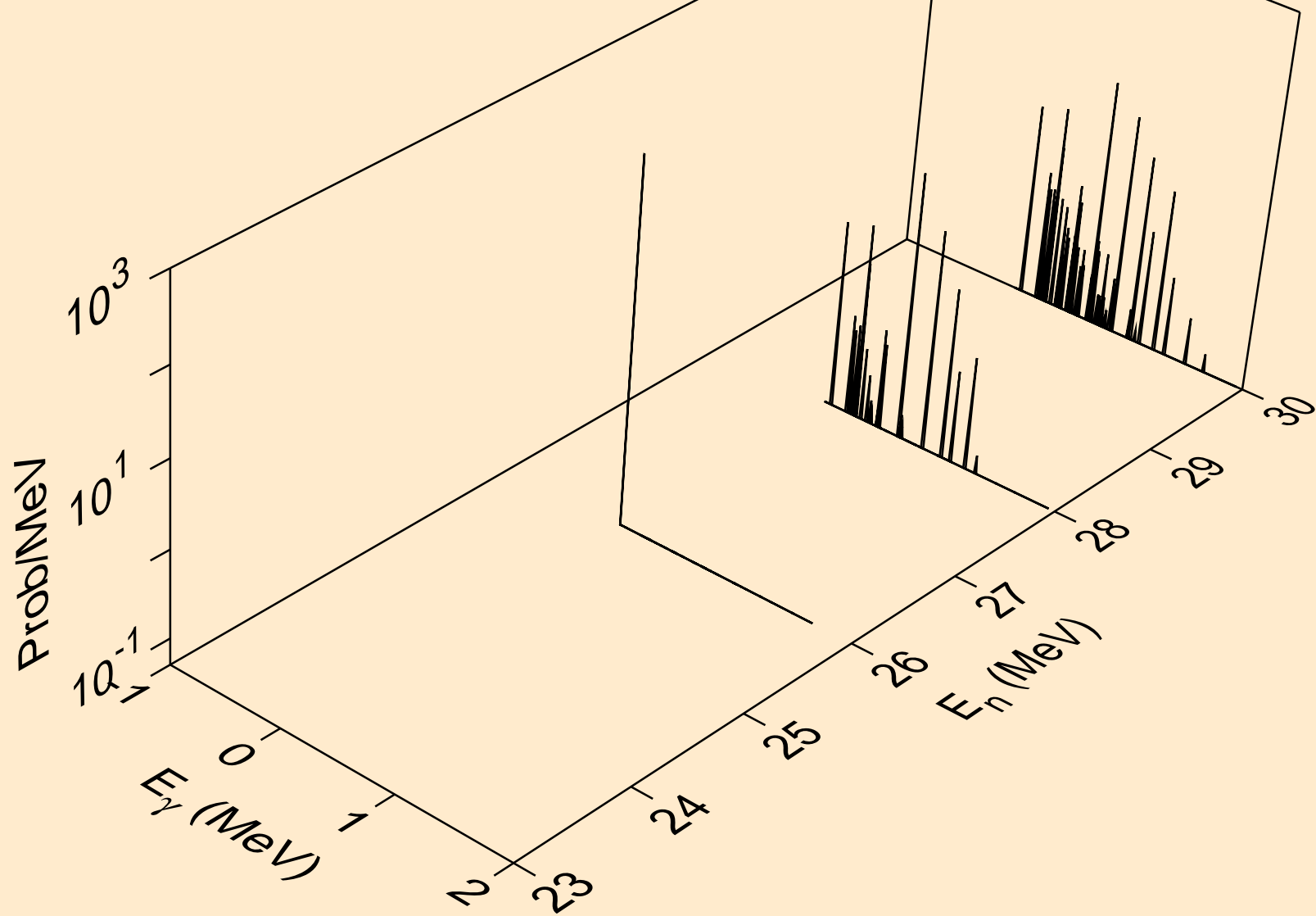
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



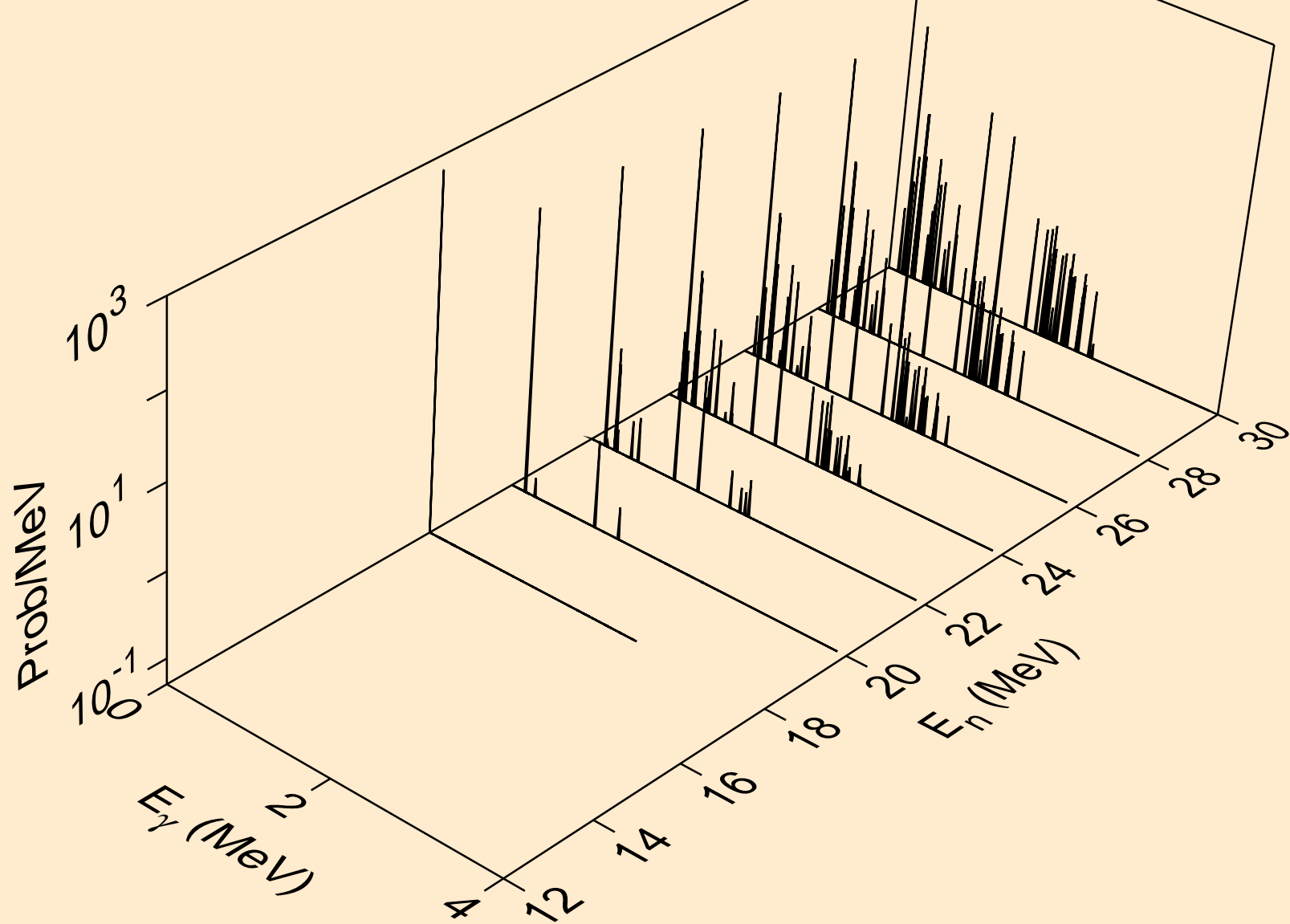
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



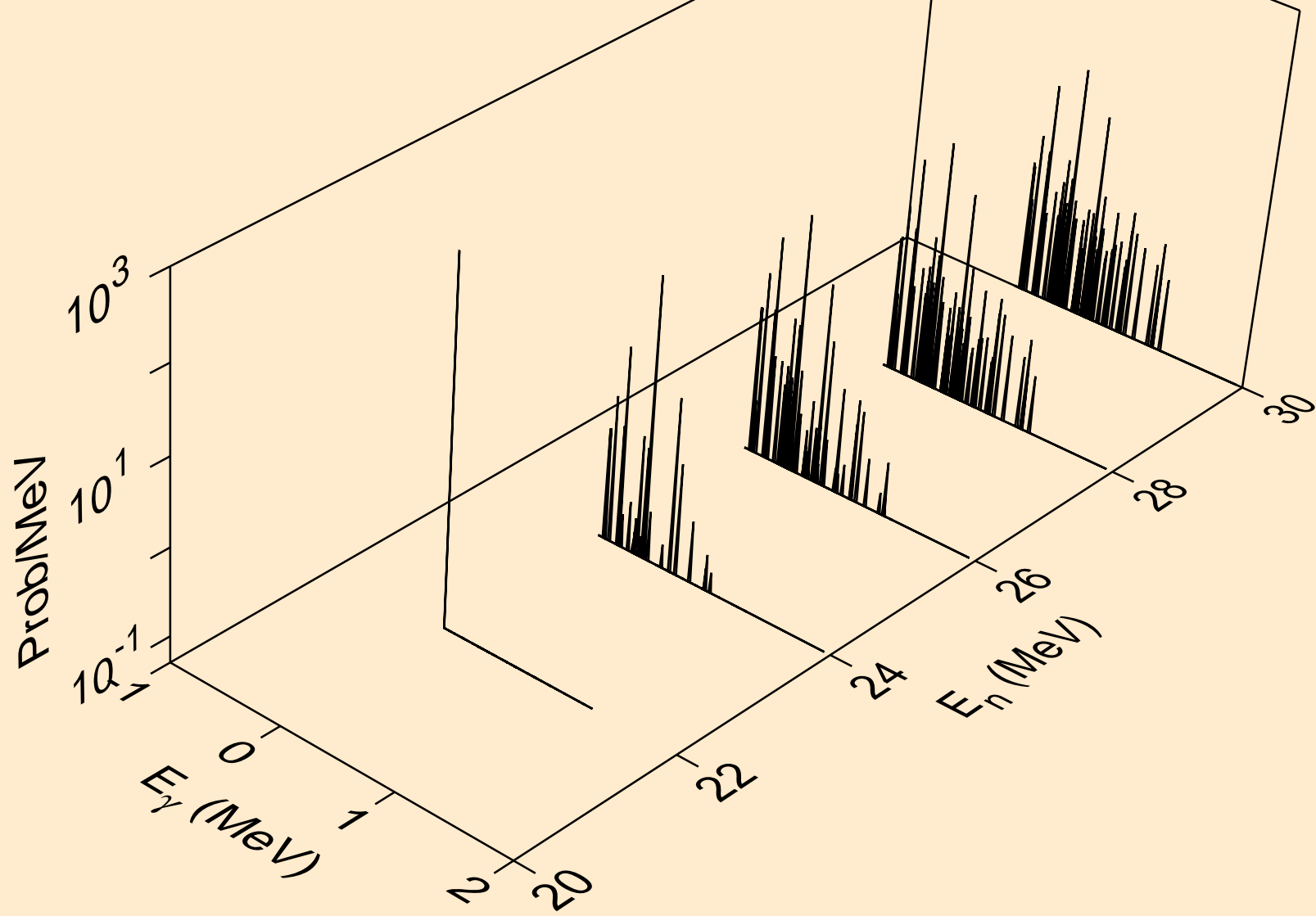
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



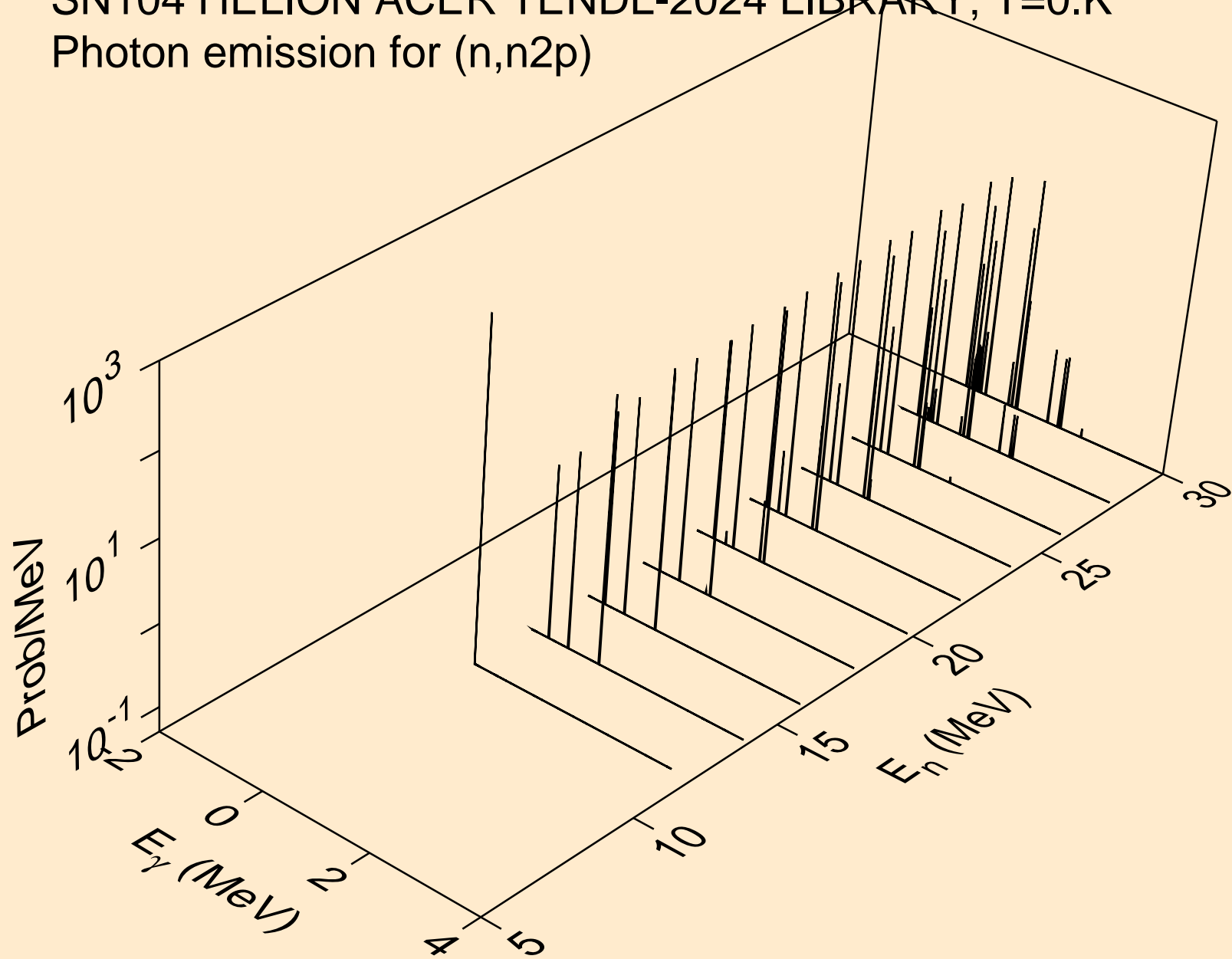
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



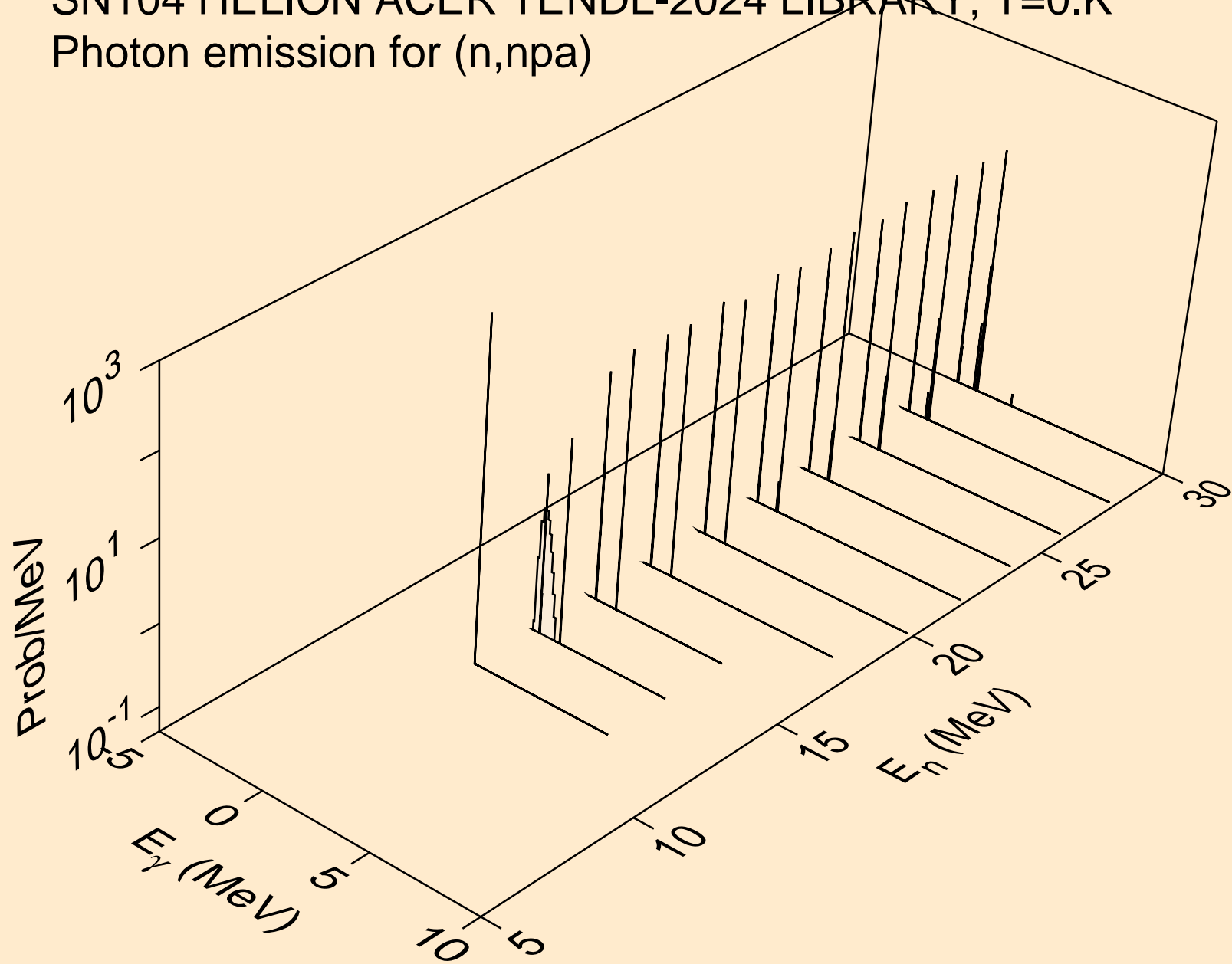
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



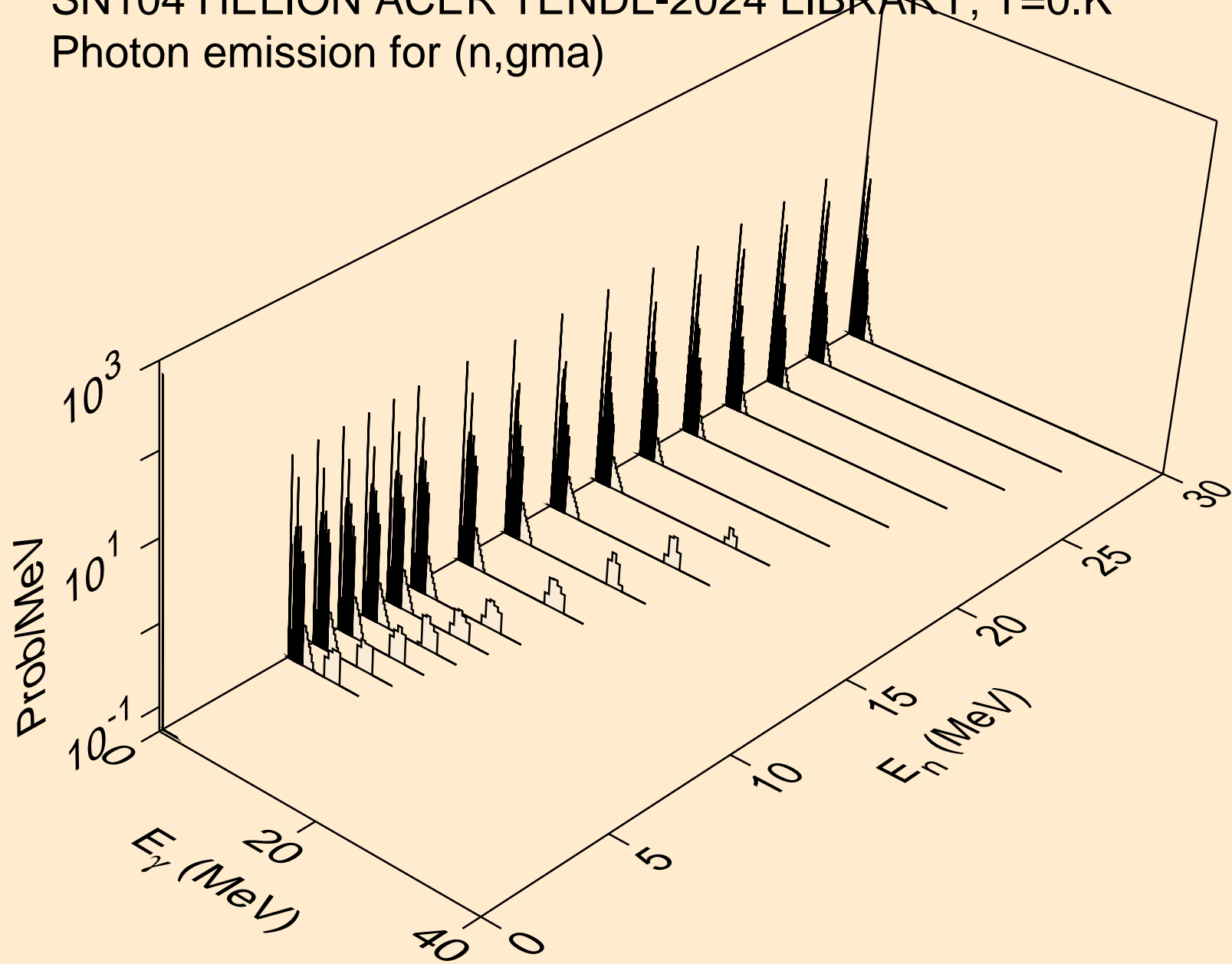
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Photon emission for (n,n2p)



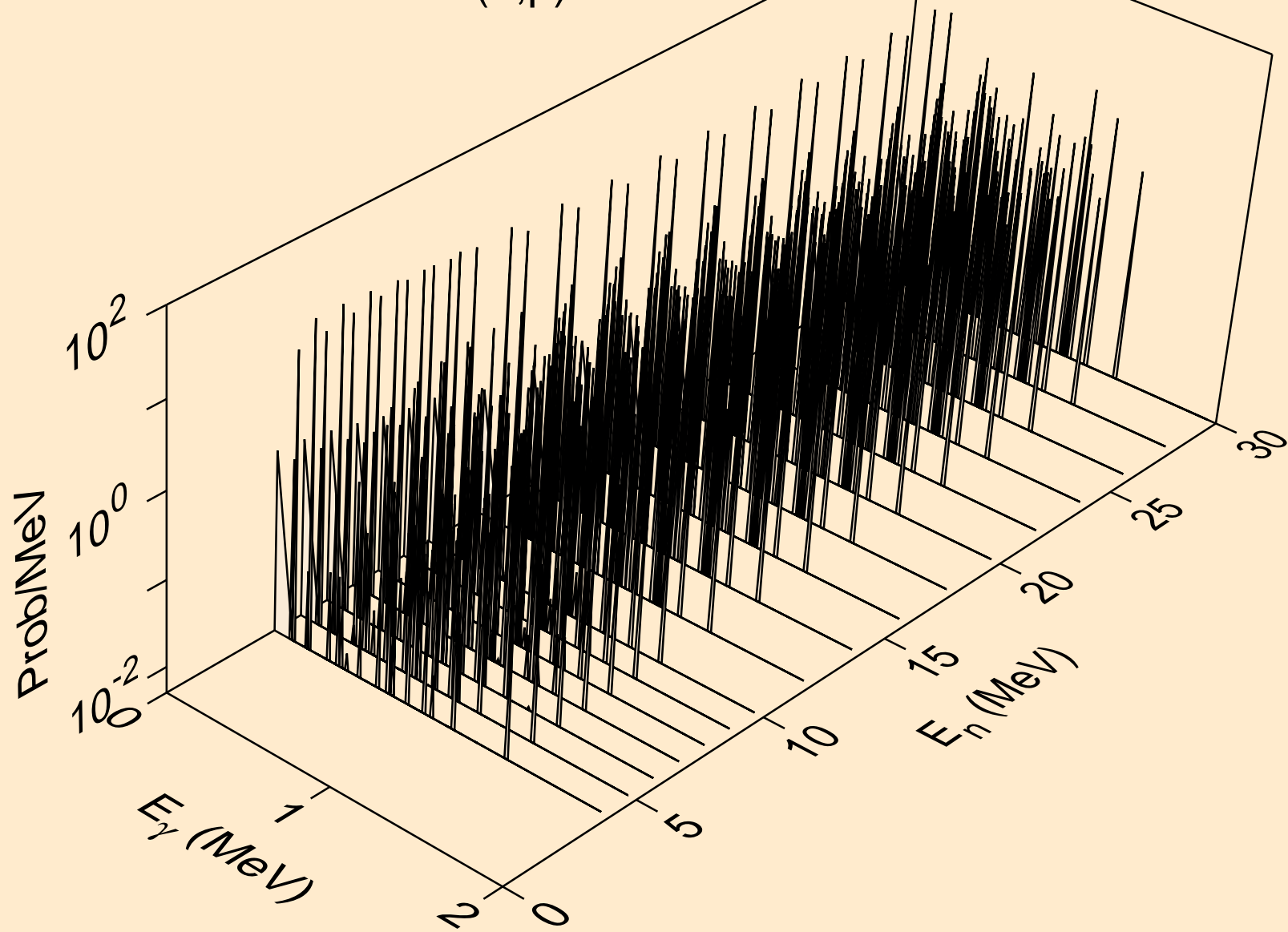
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



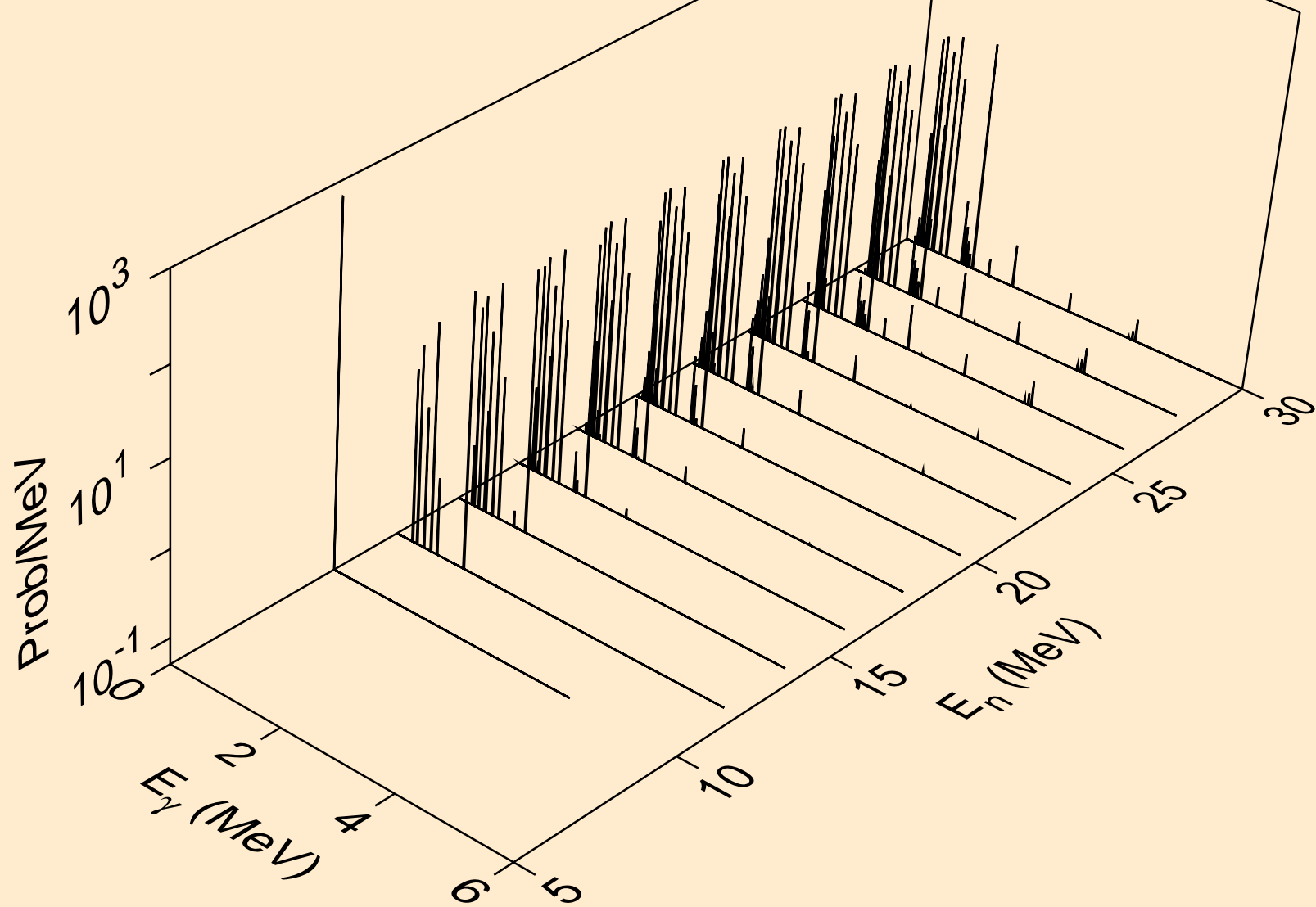
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Photon emission for (n,gma)



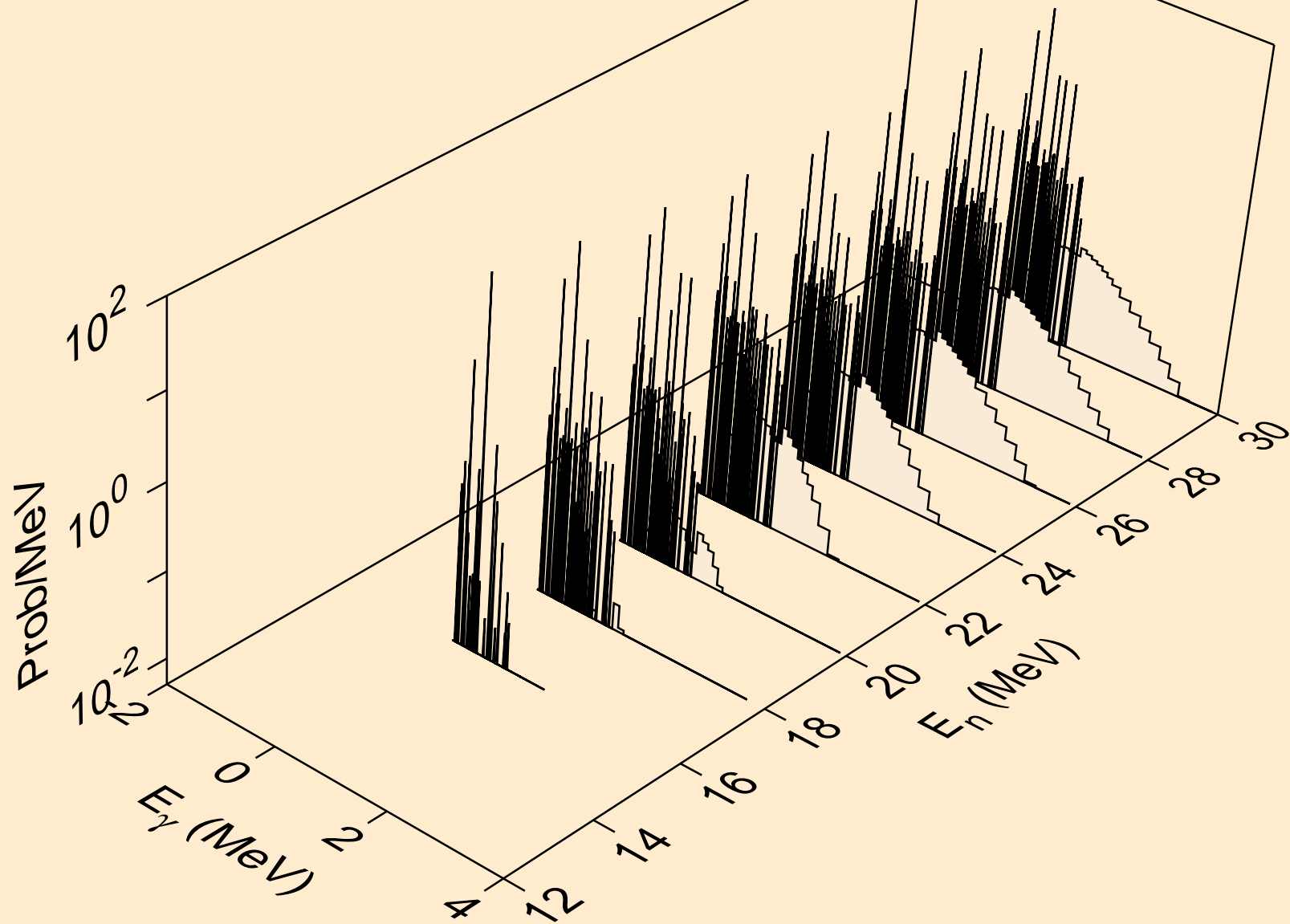
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



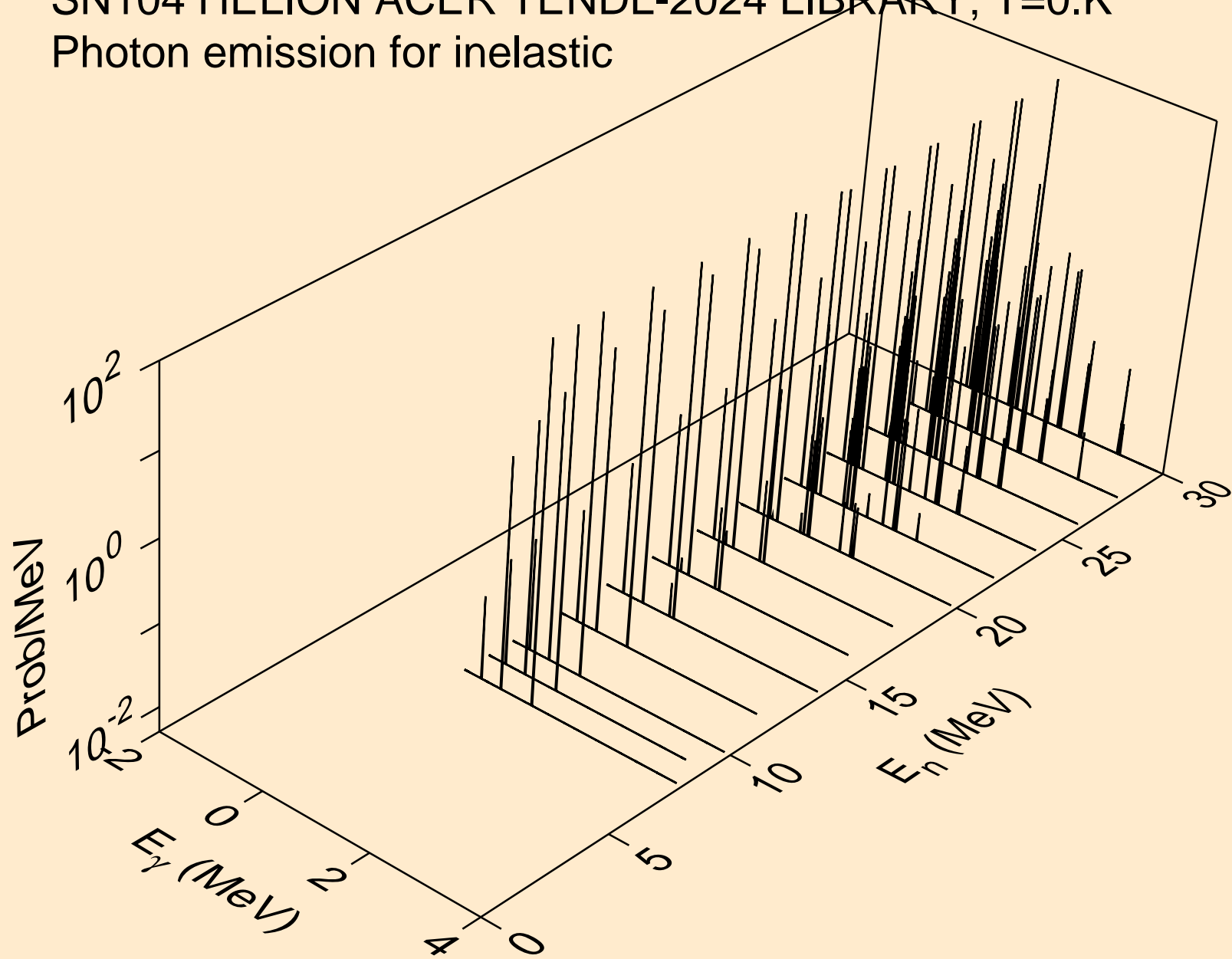
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Photon emission for (n,d)



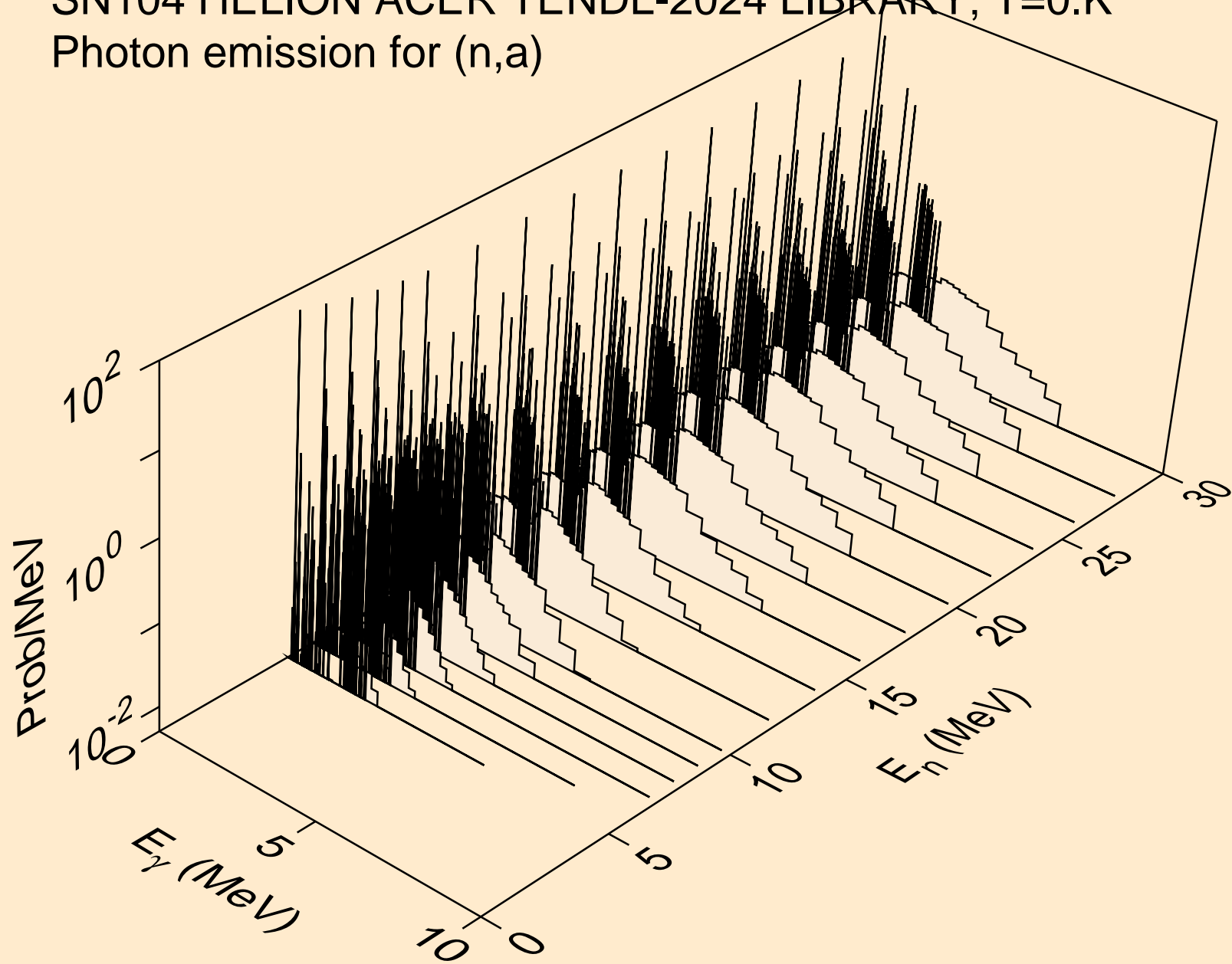
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Photon emission for (n,t)



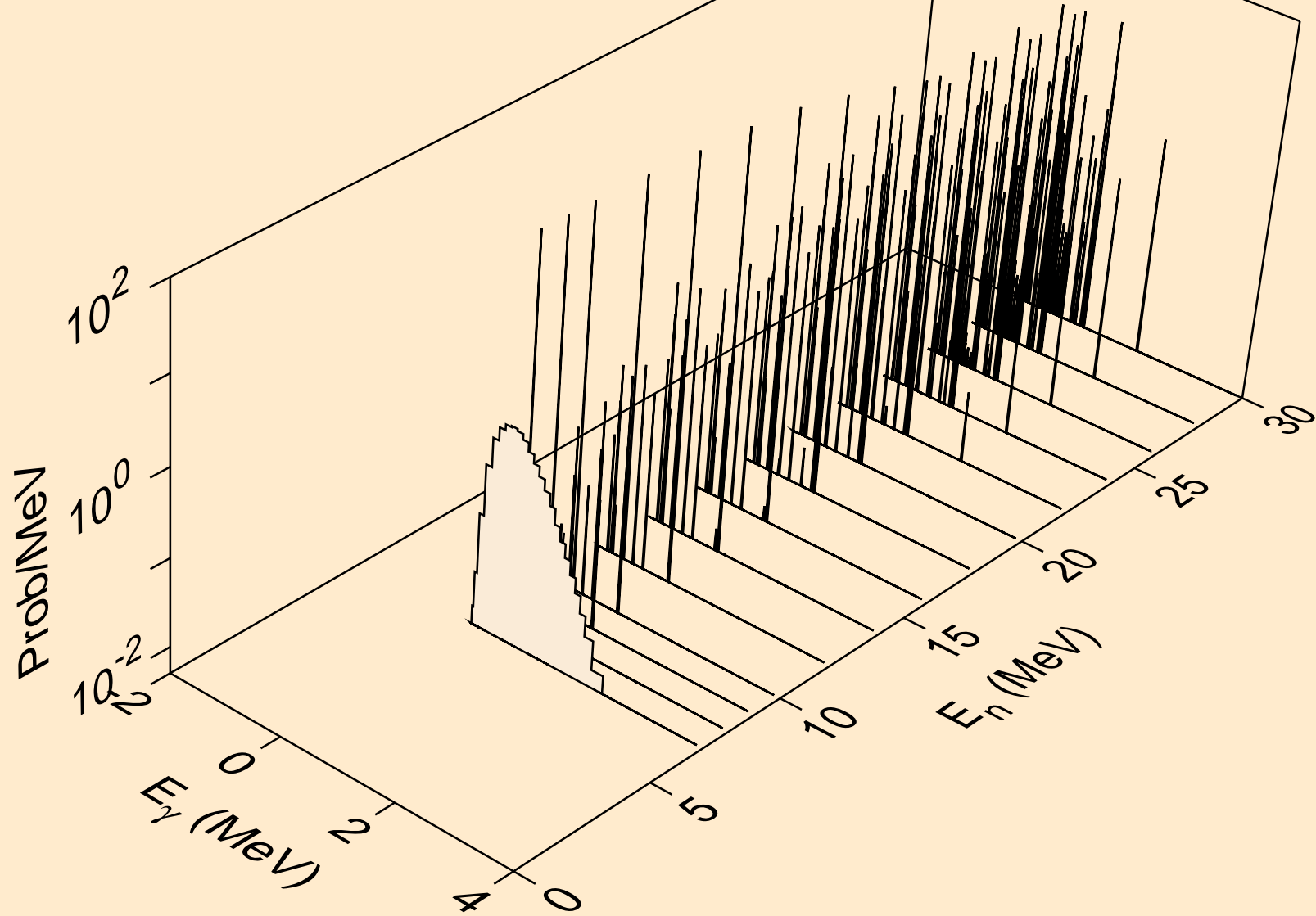
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



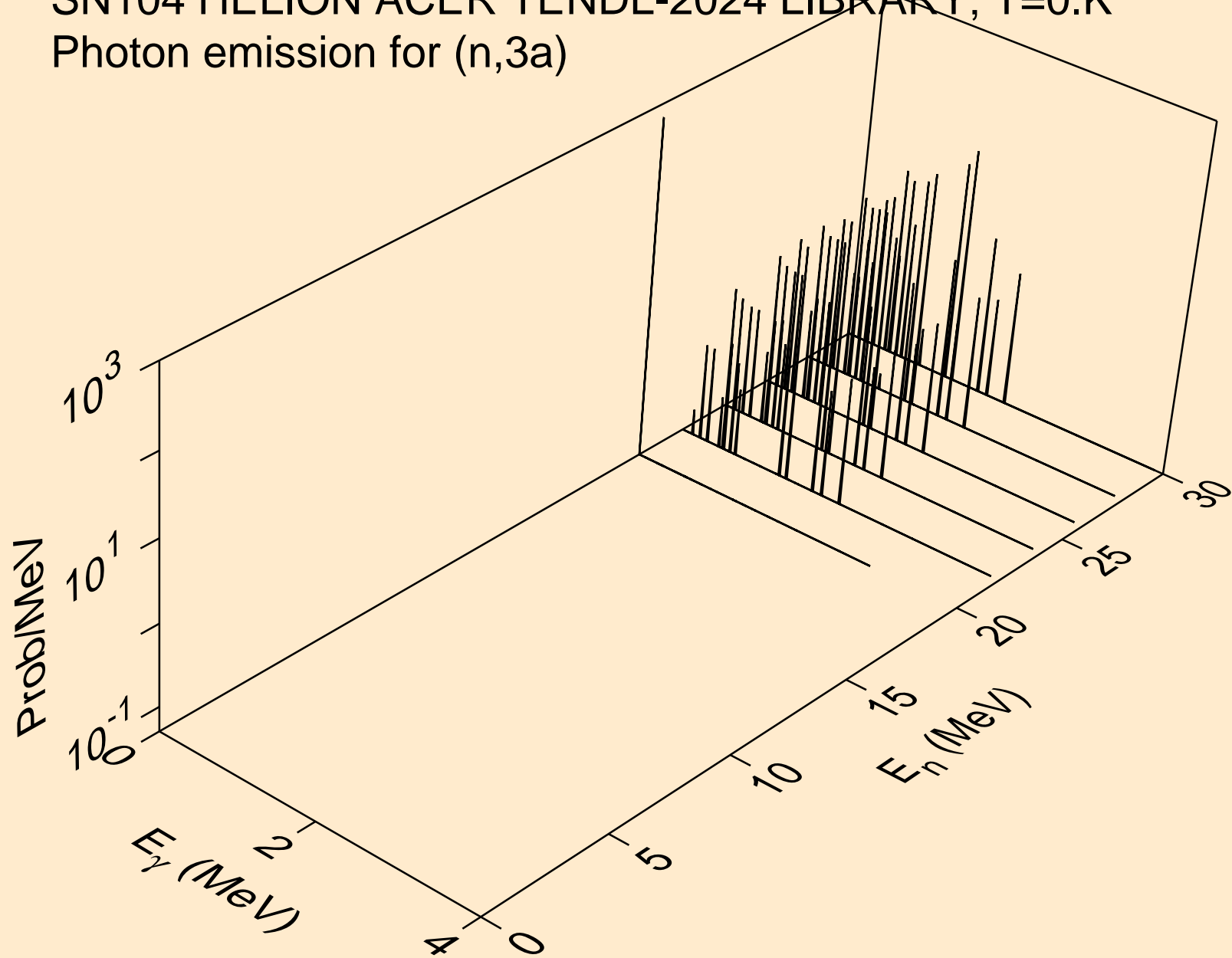
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



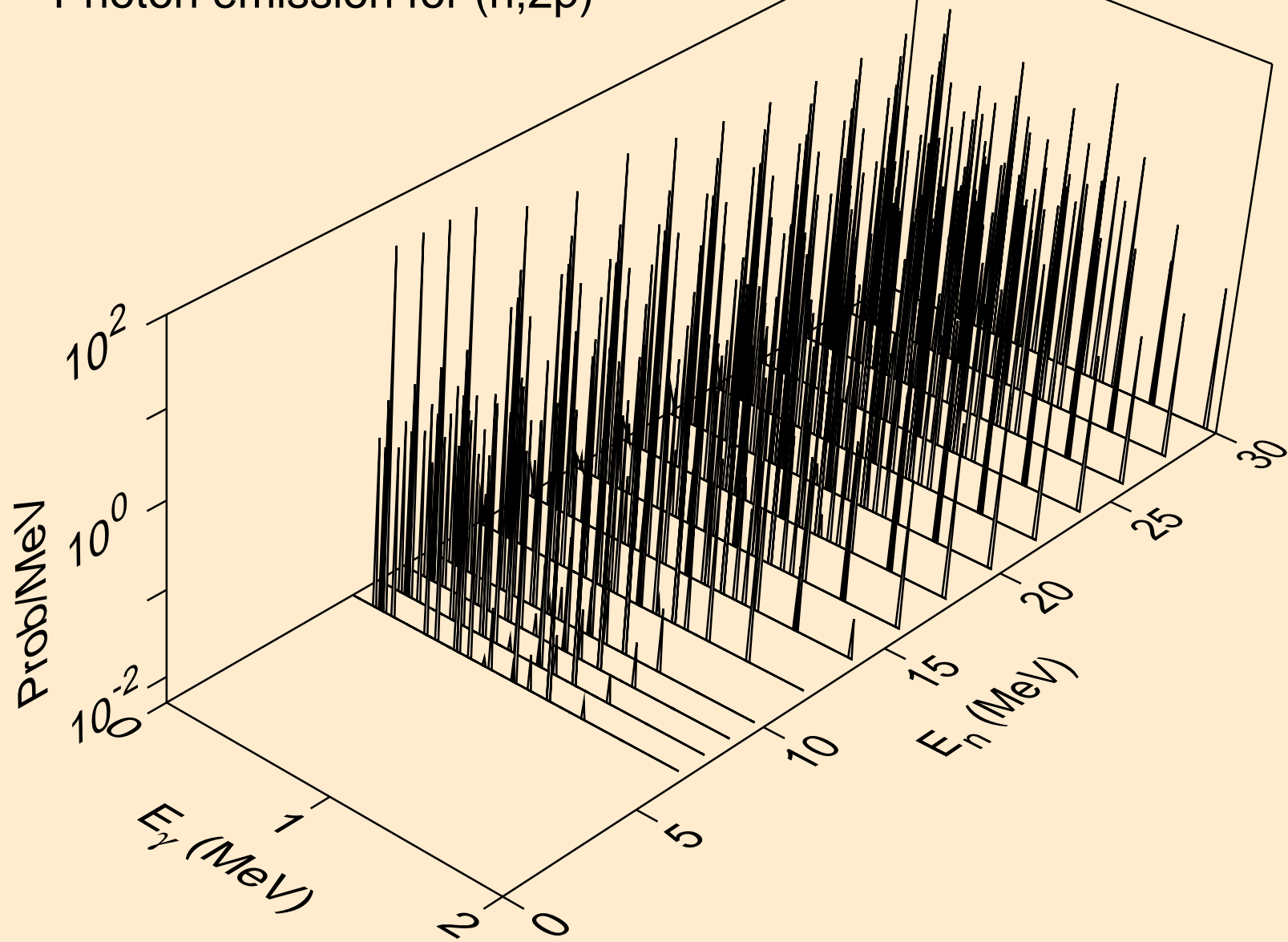
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



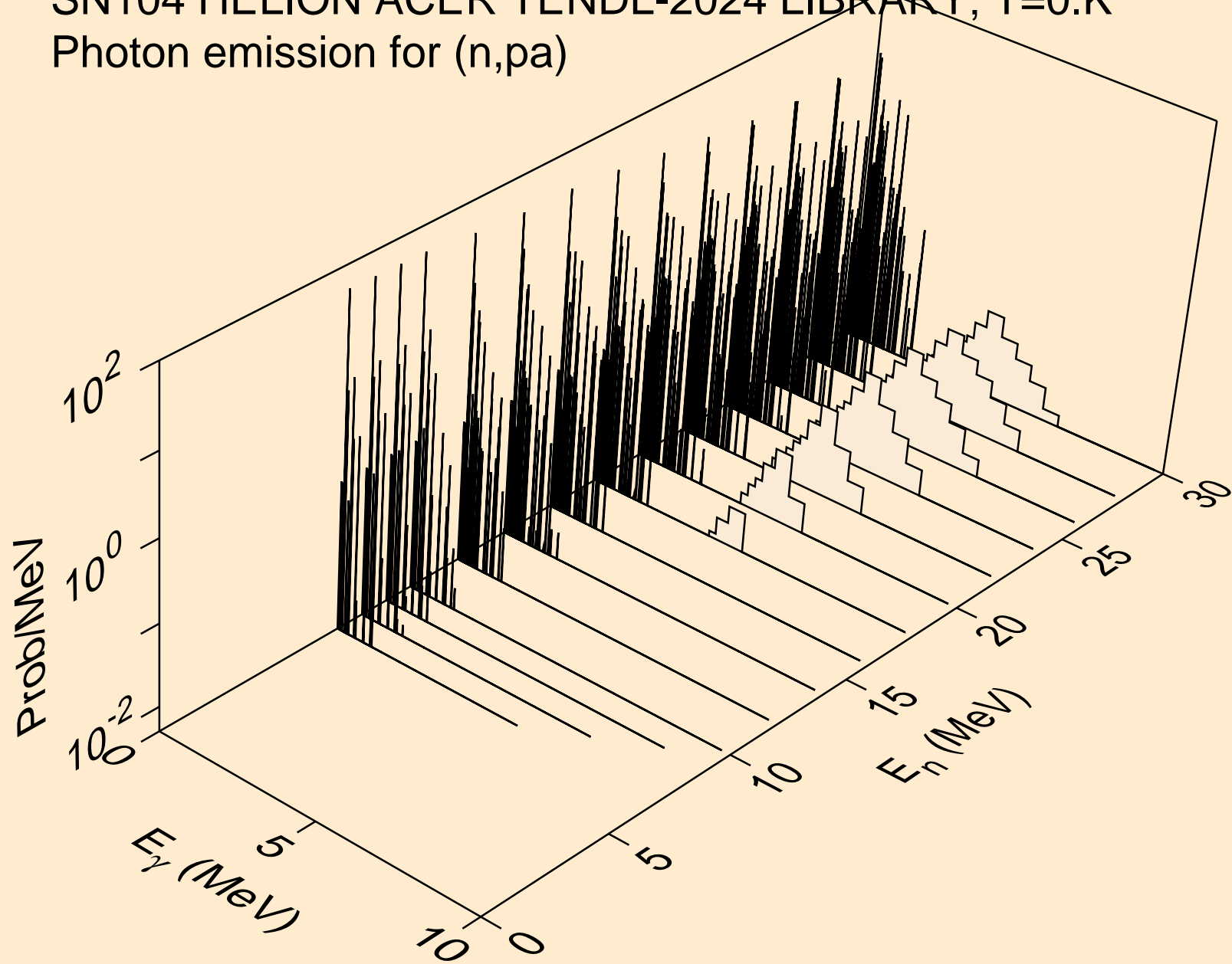
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



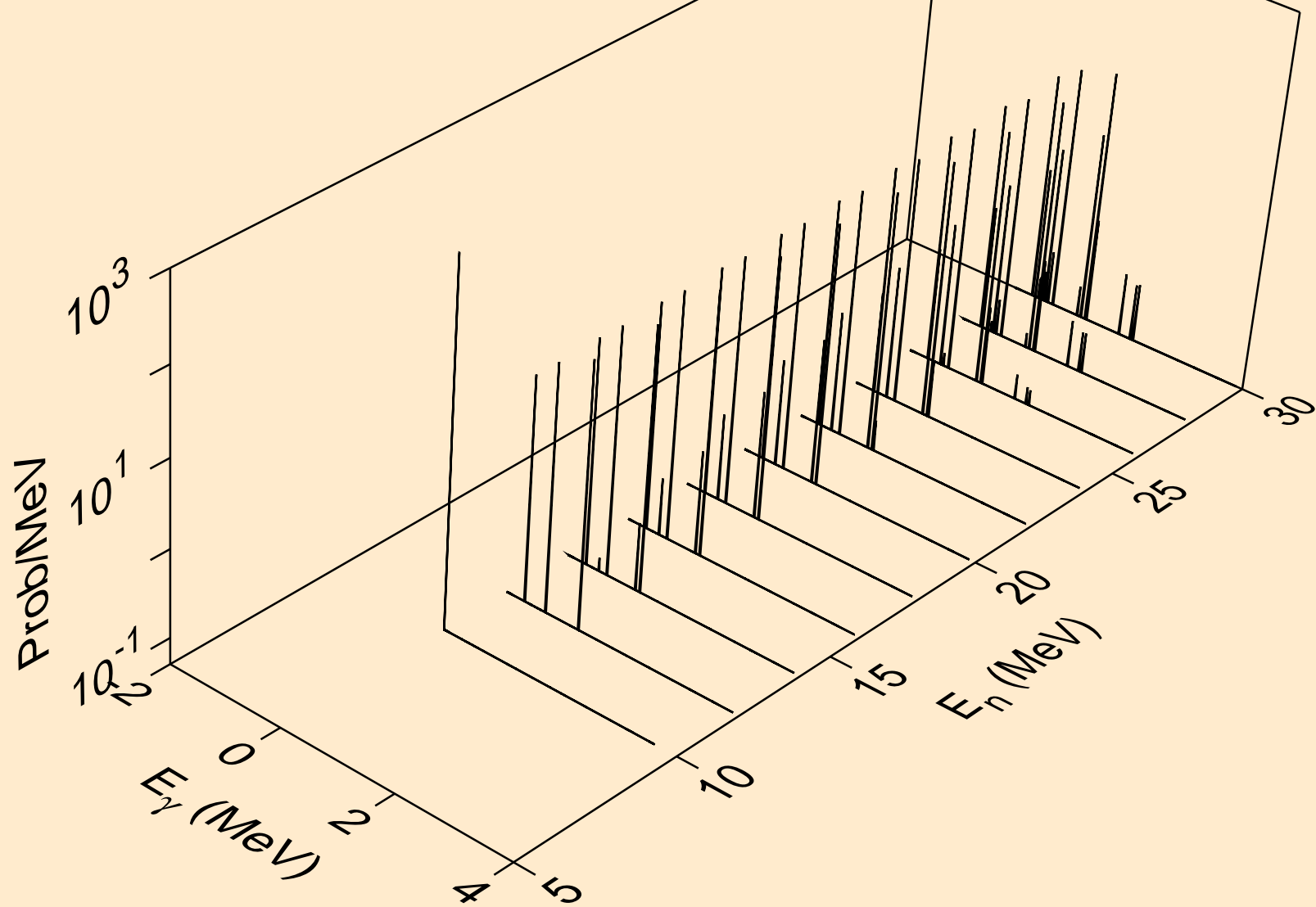
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Photon emission for (n,2p)



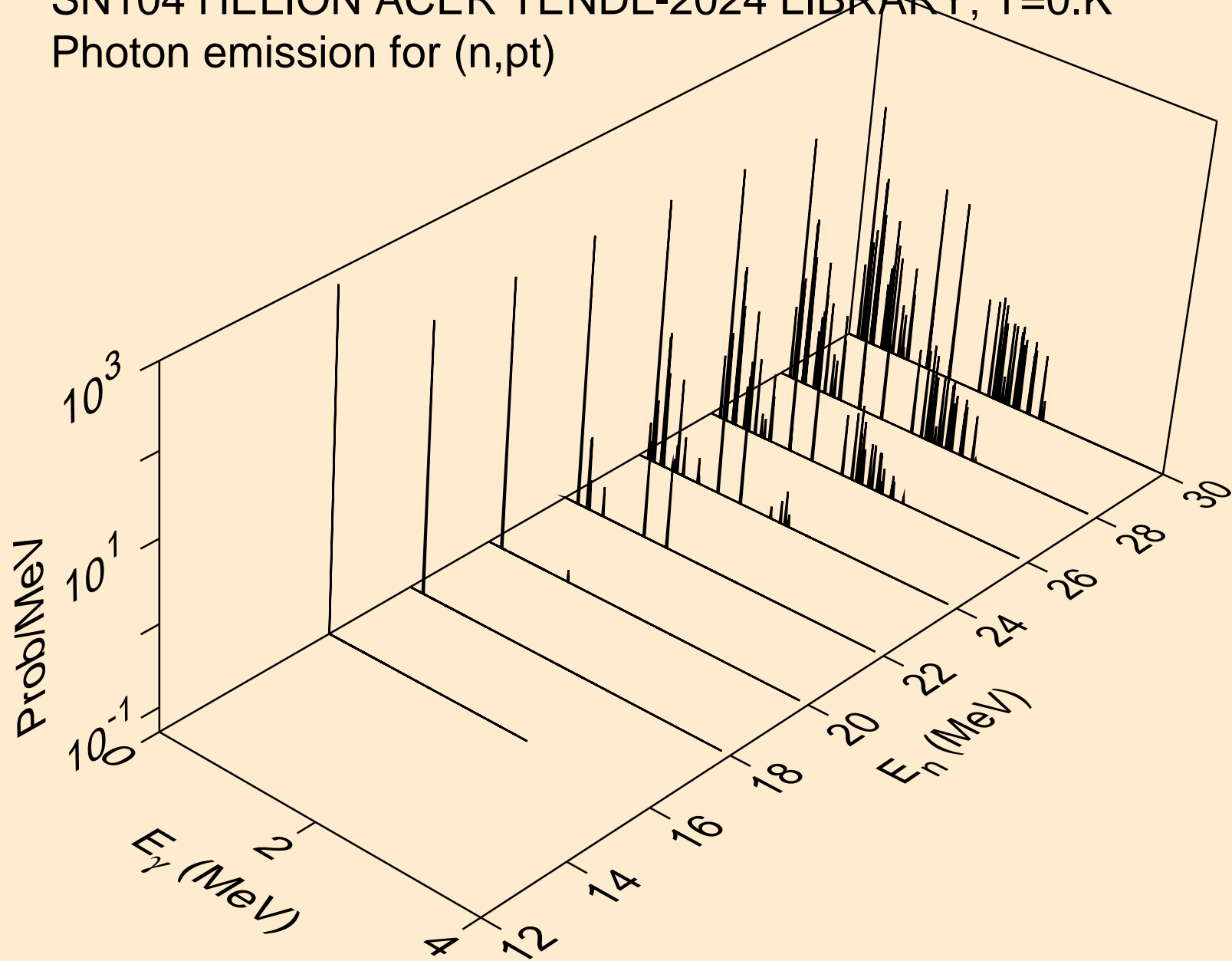
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



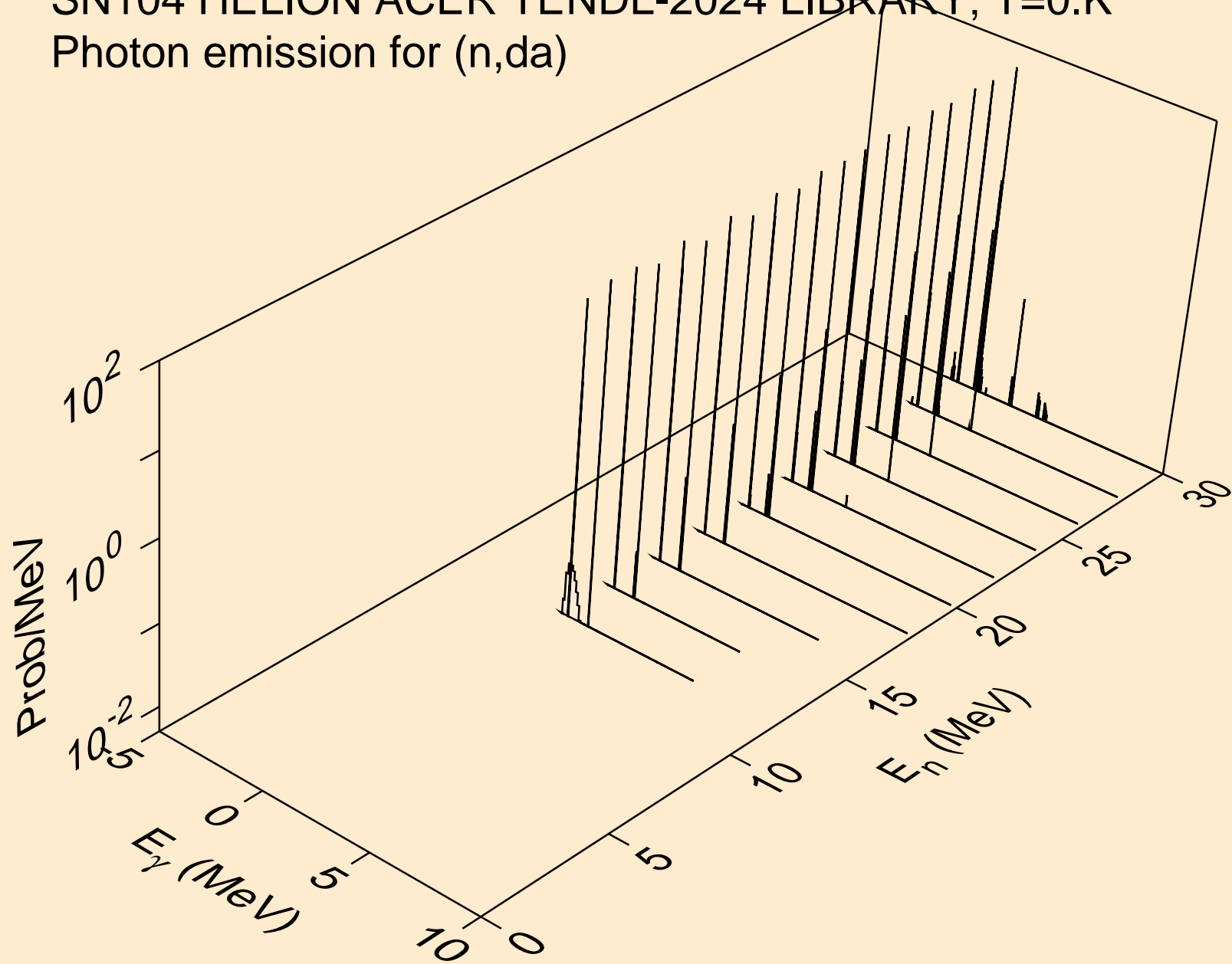
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

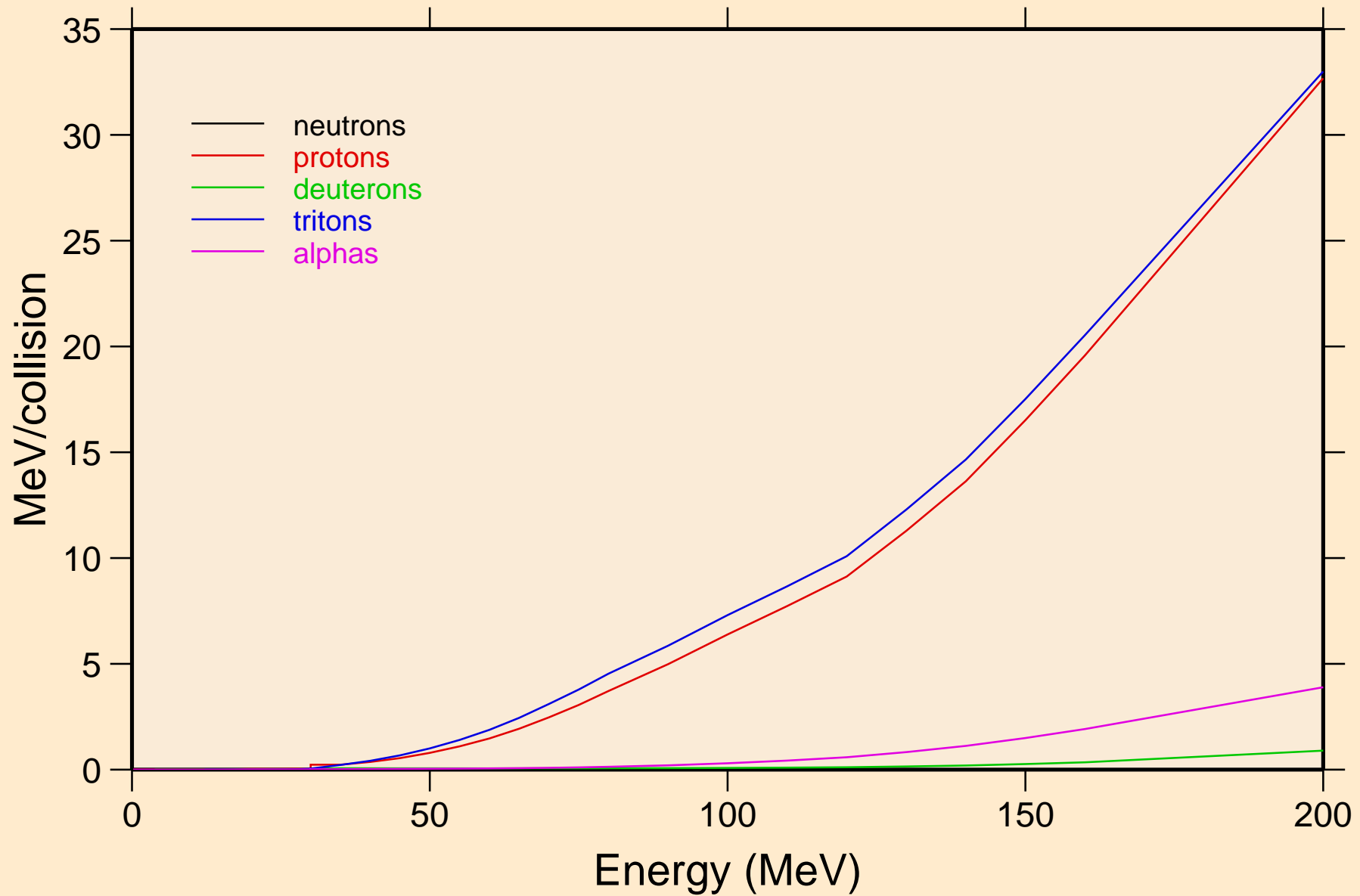


SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



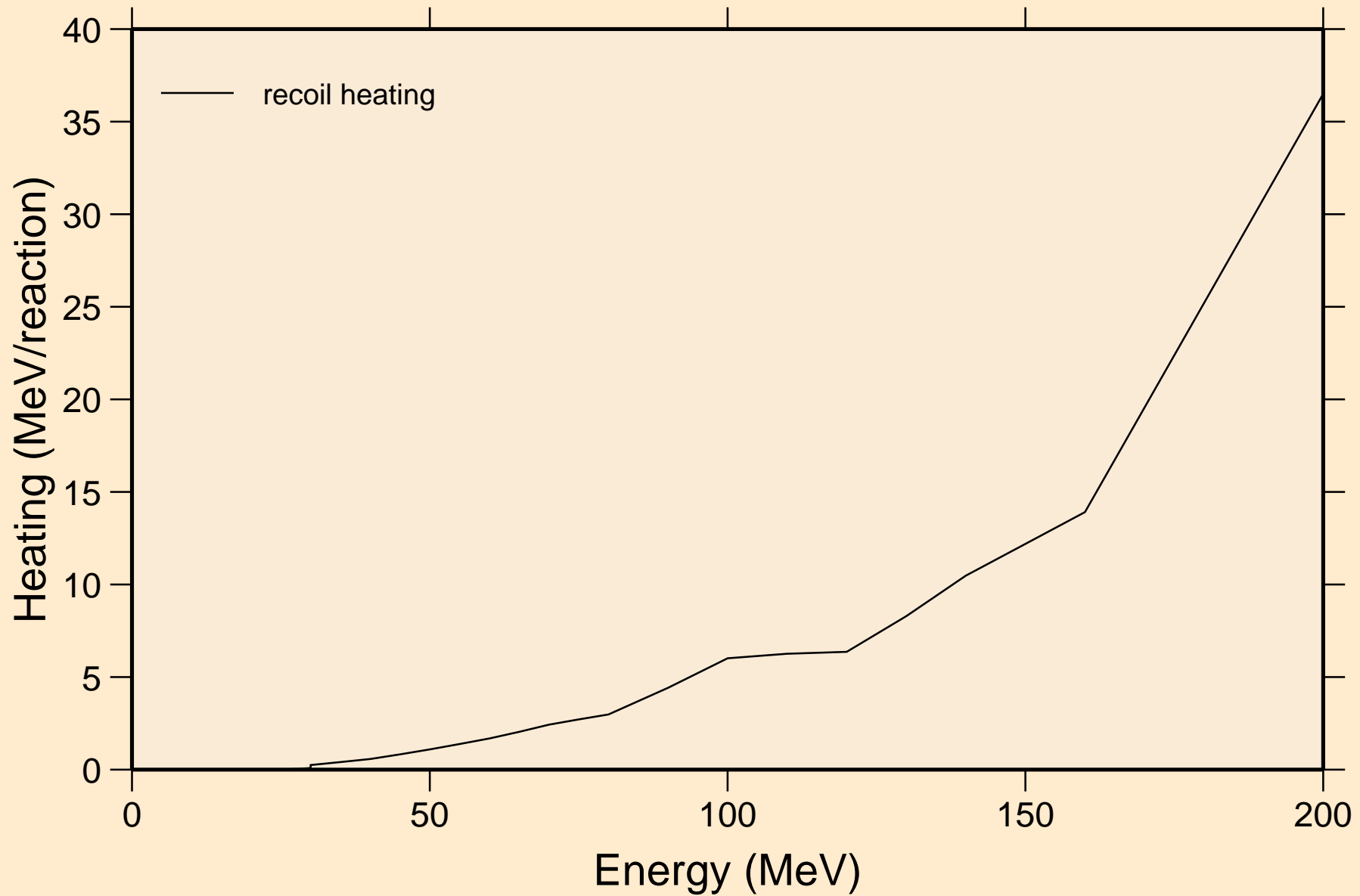
# SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



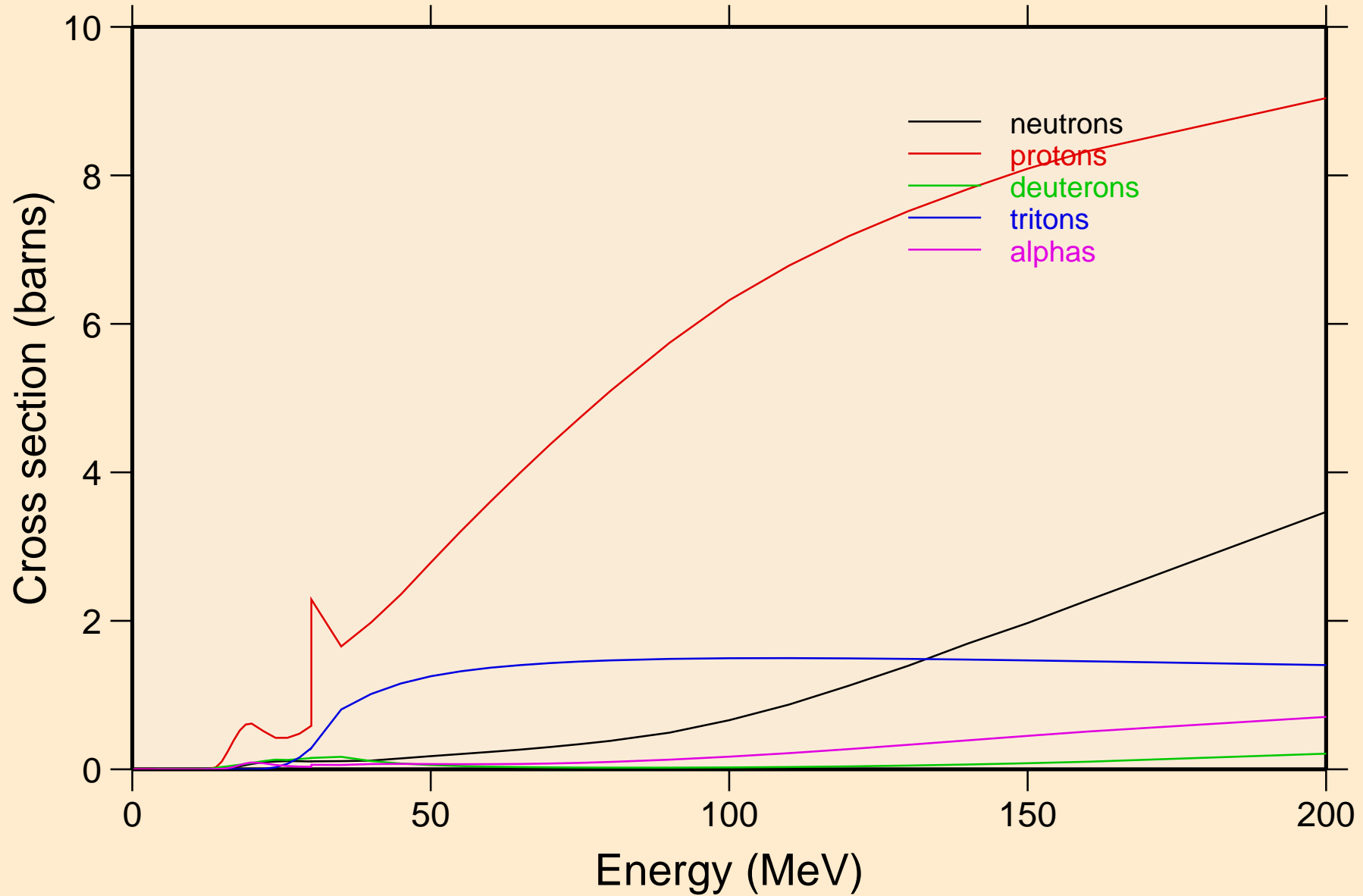
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## Recoil Heating

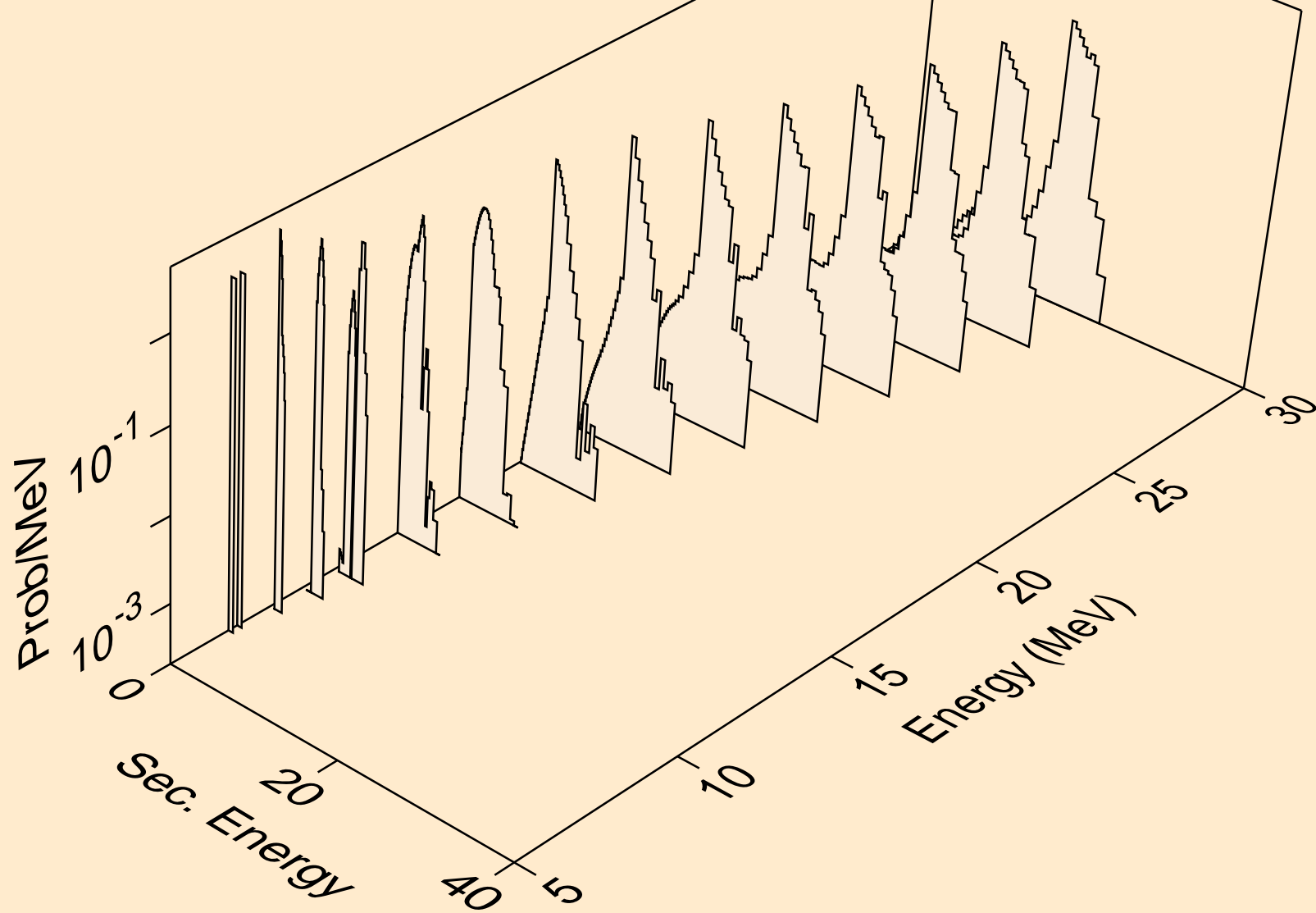


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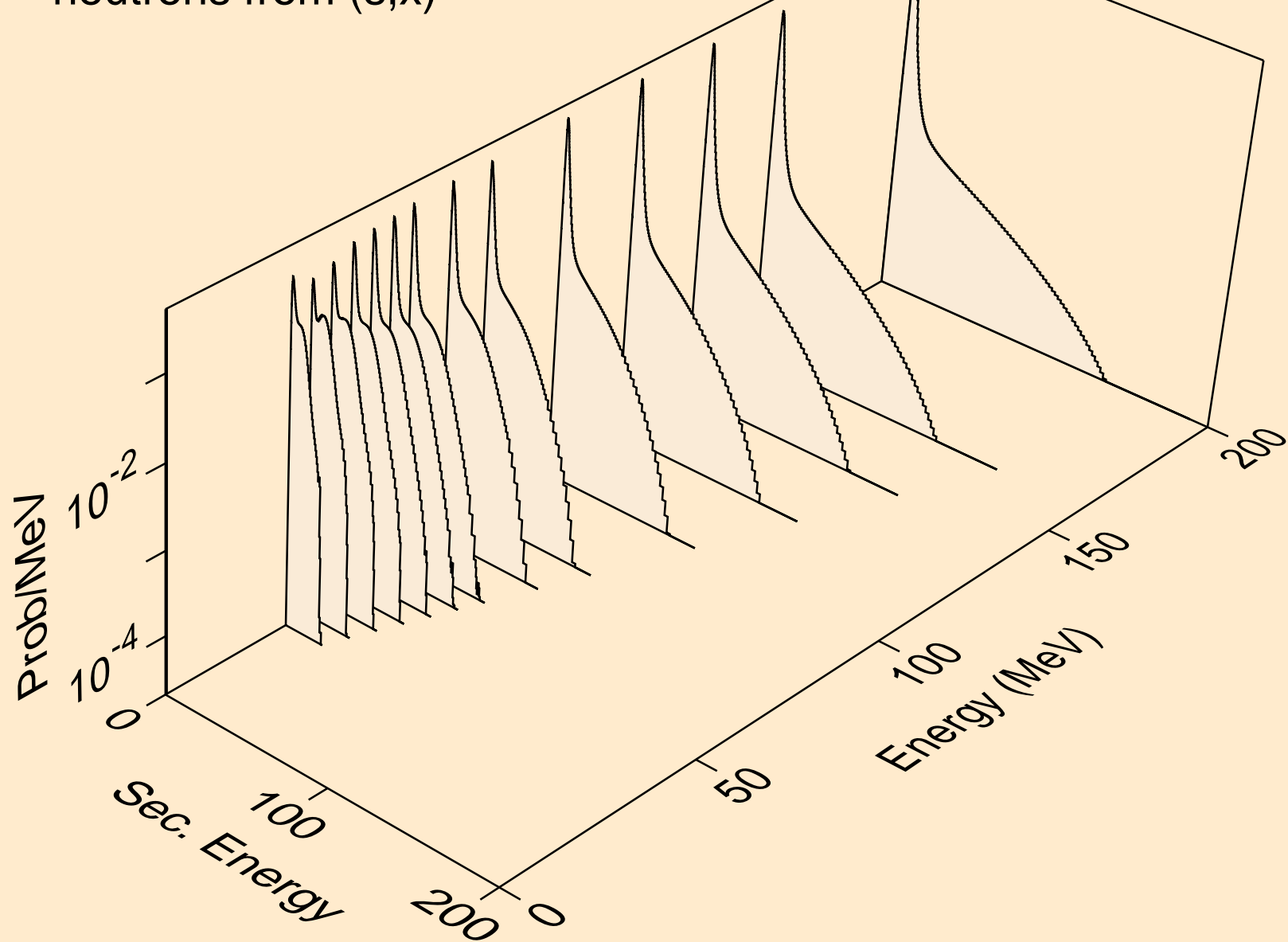
## Particle production cross sections



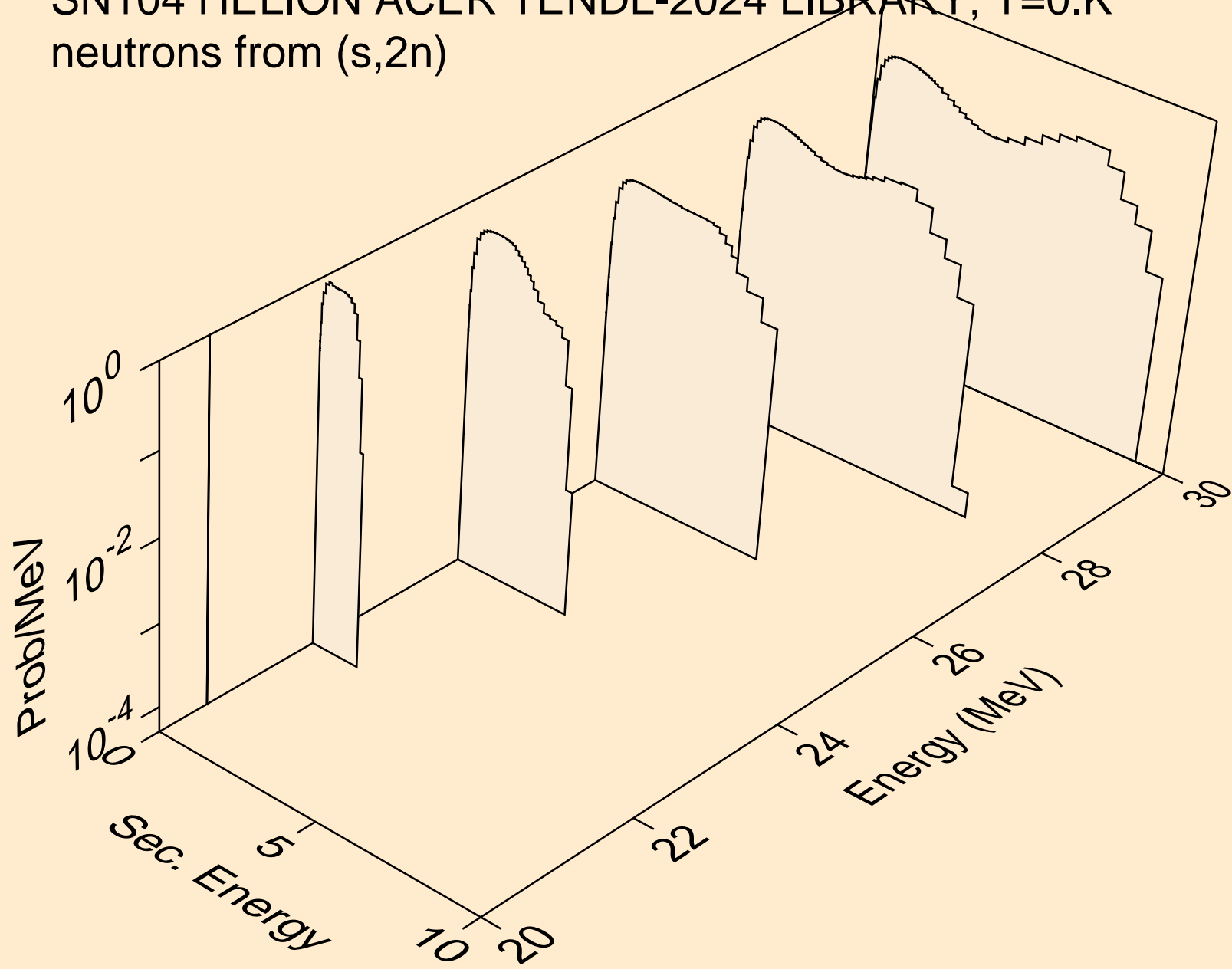
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



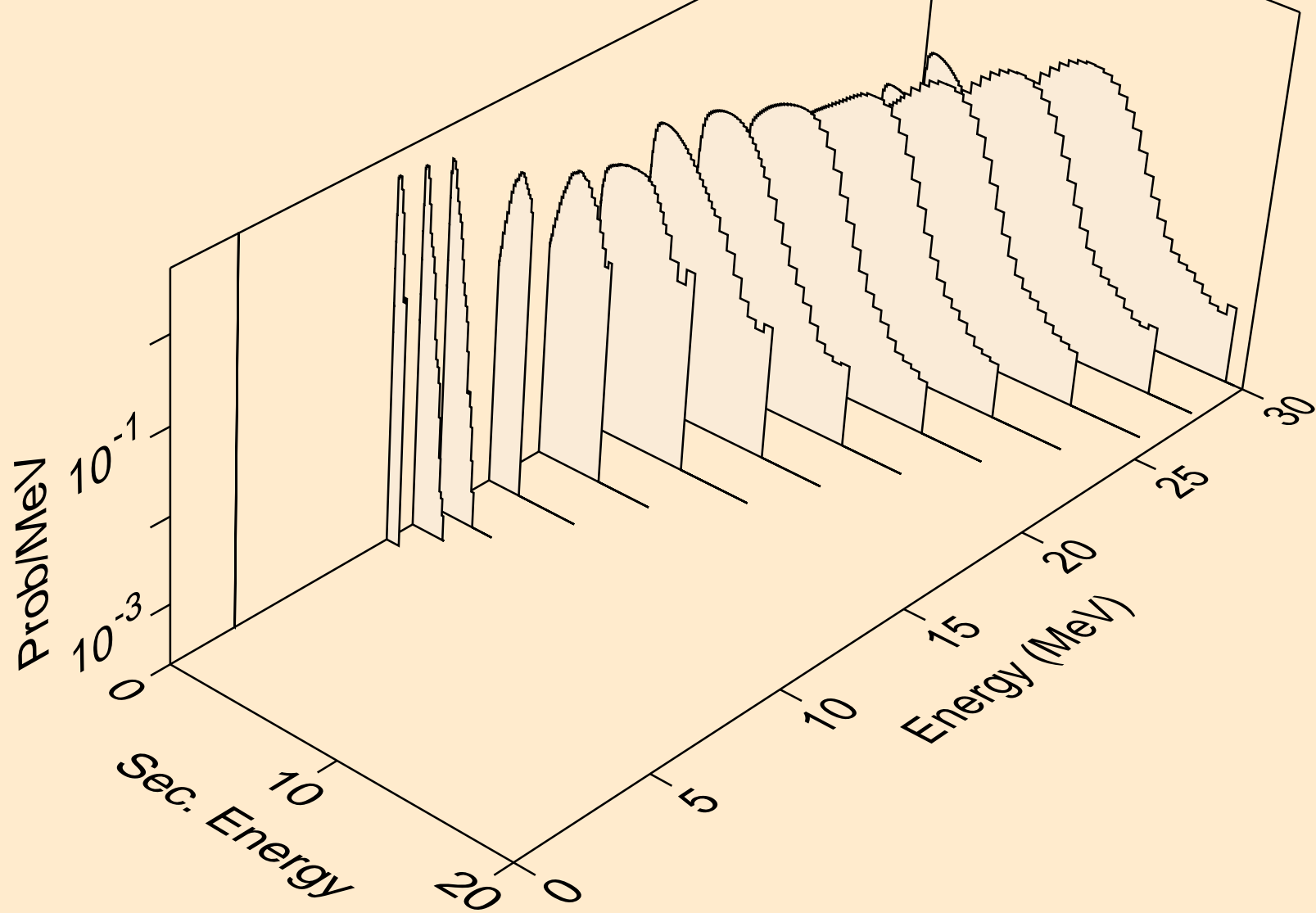
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



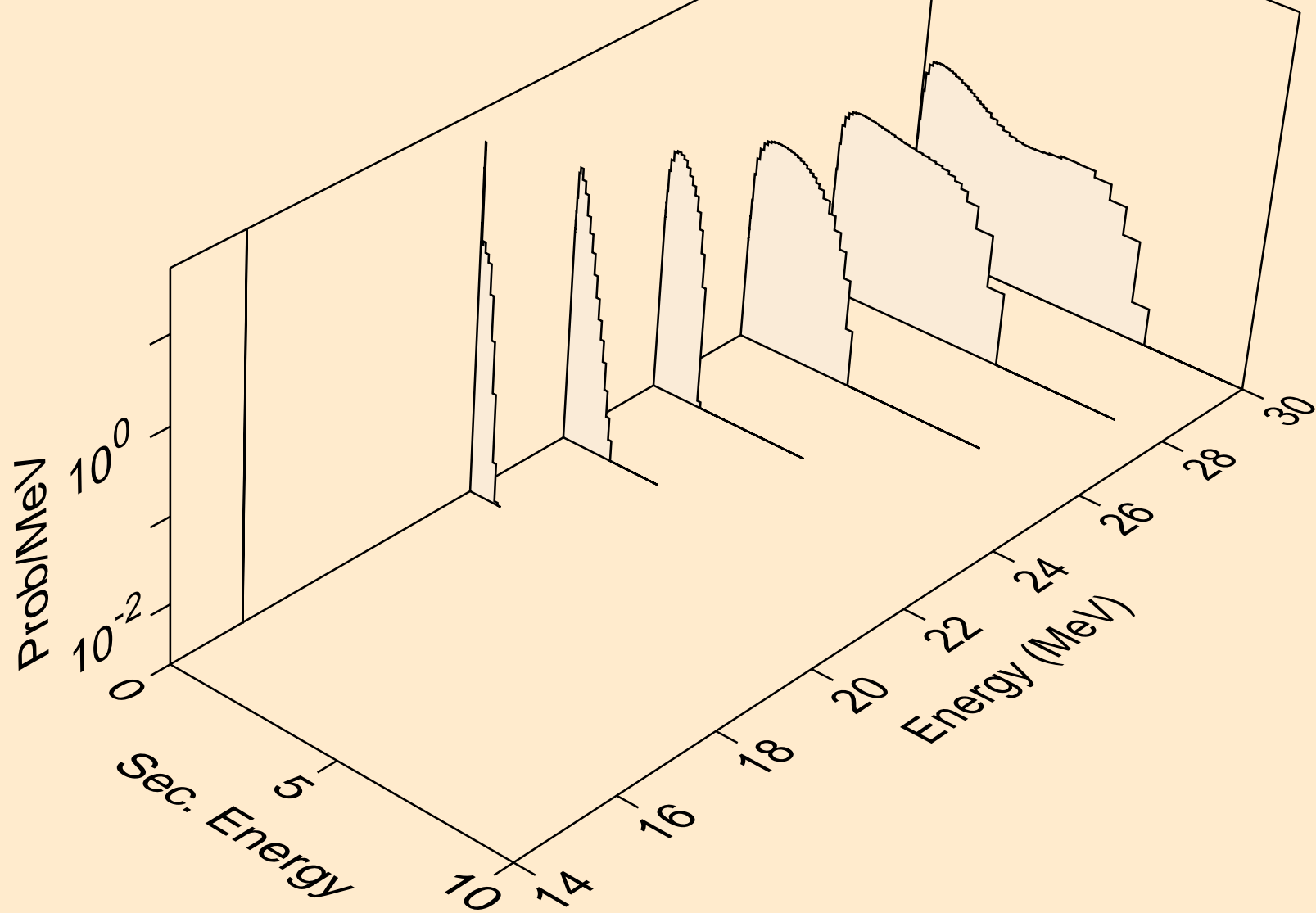
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neutrons from (s,2n)



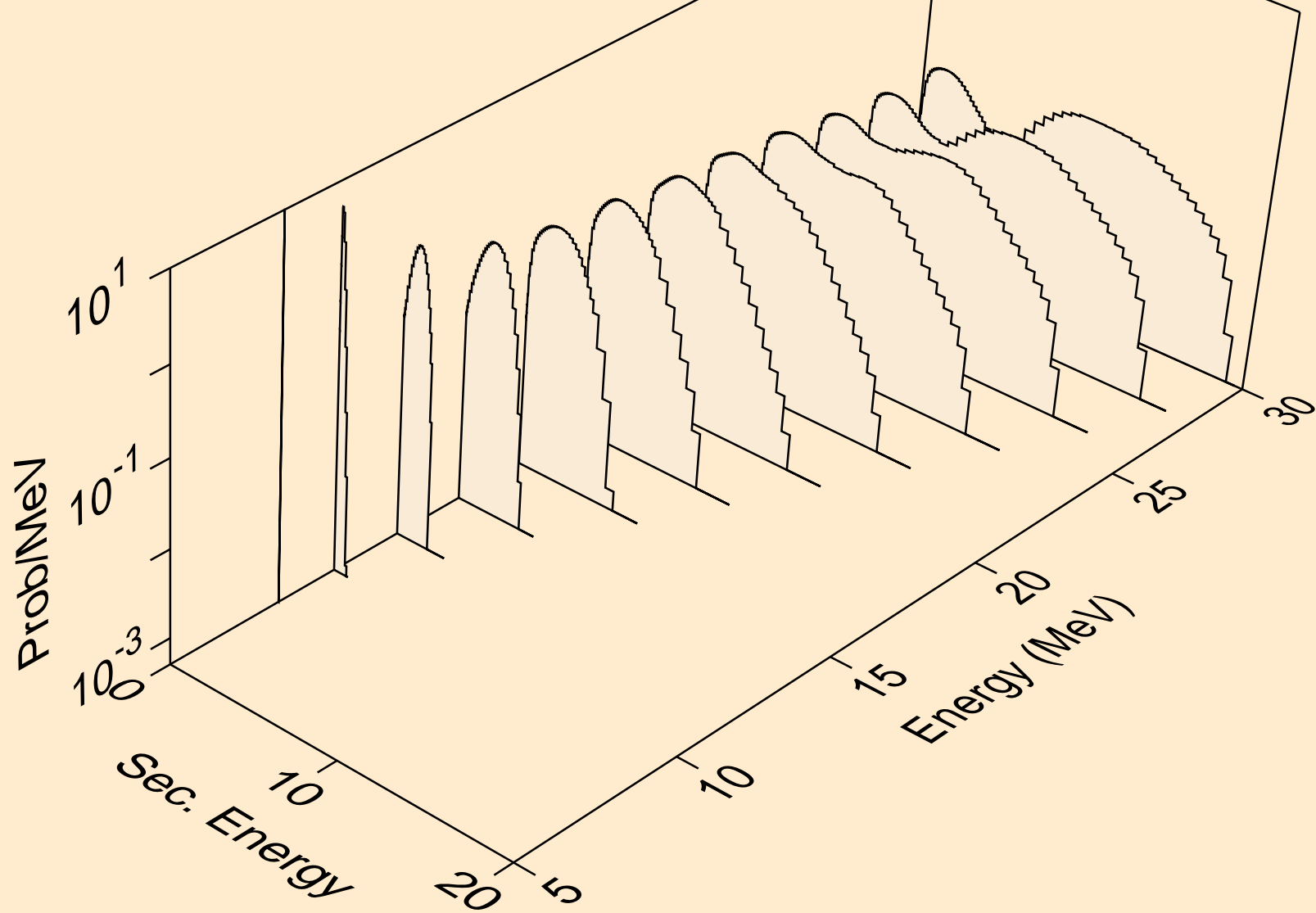
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neutrons from (s,n\*)a



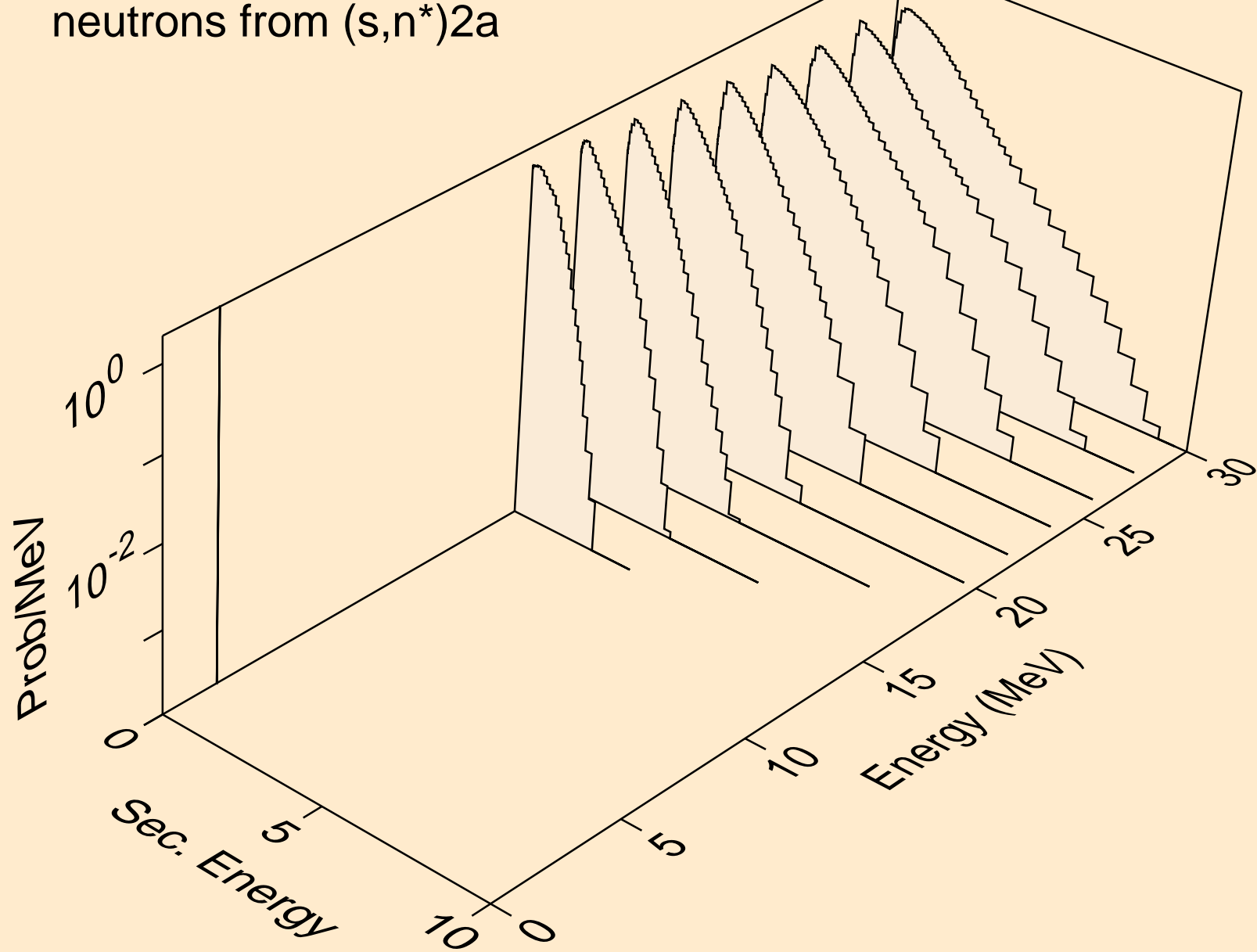
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neutrons from (s,2n)a



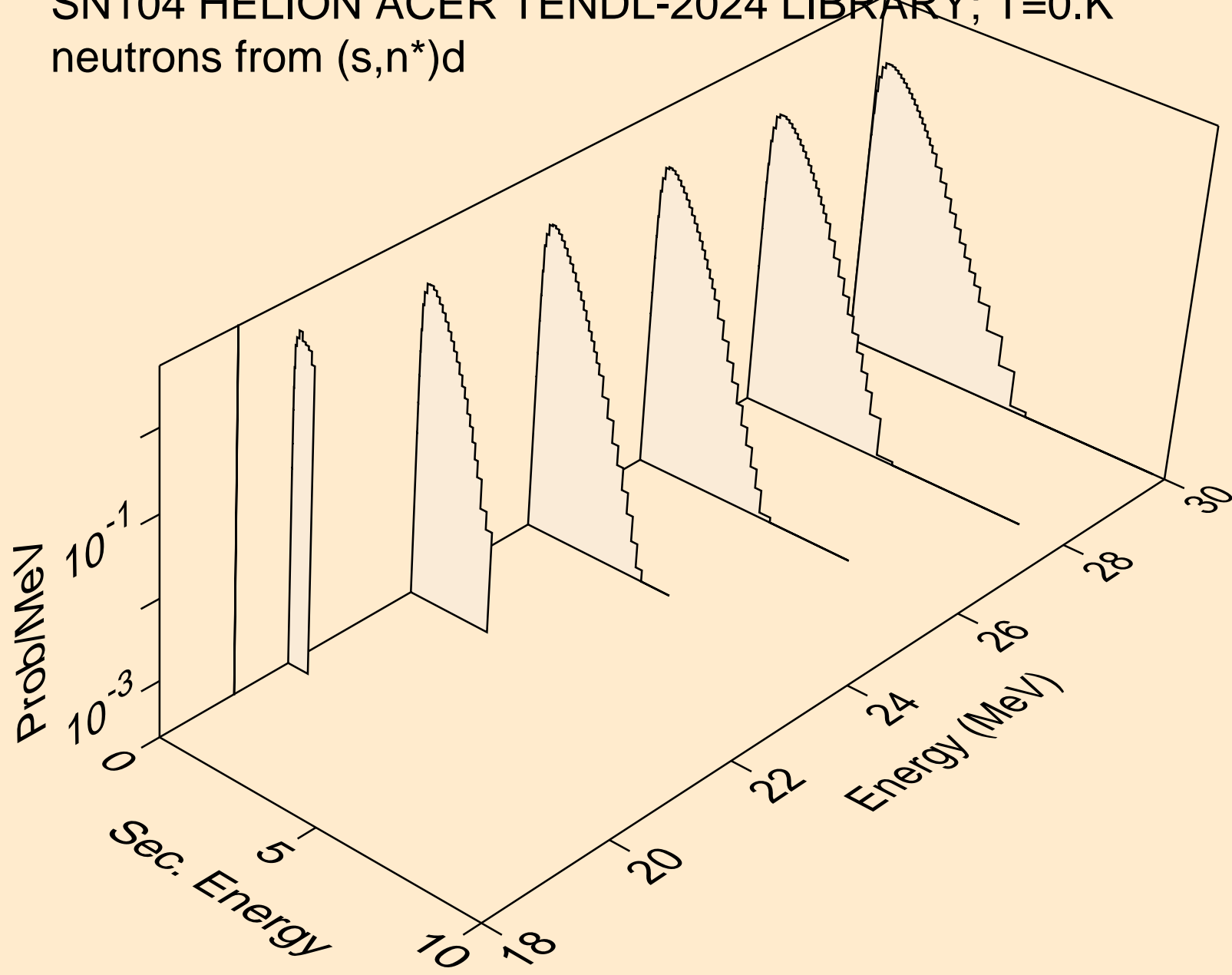
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



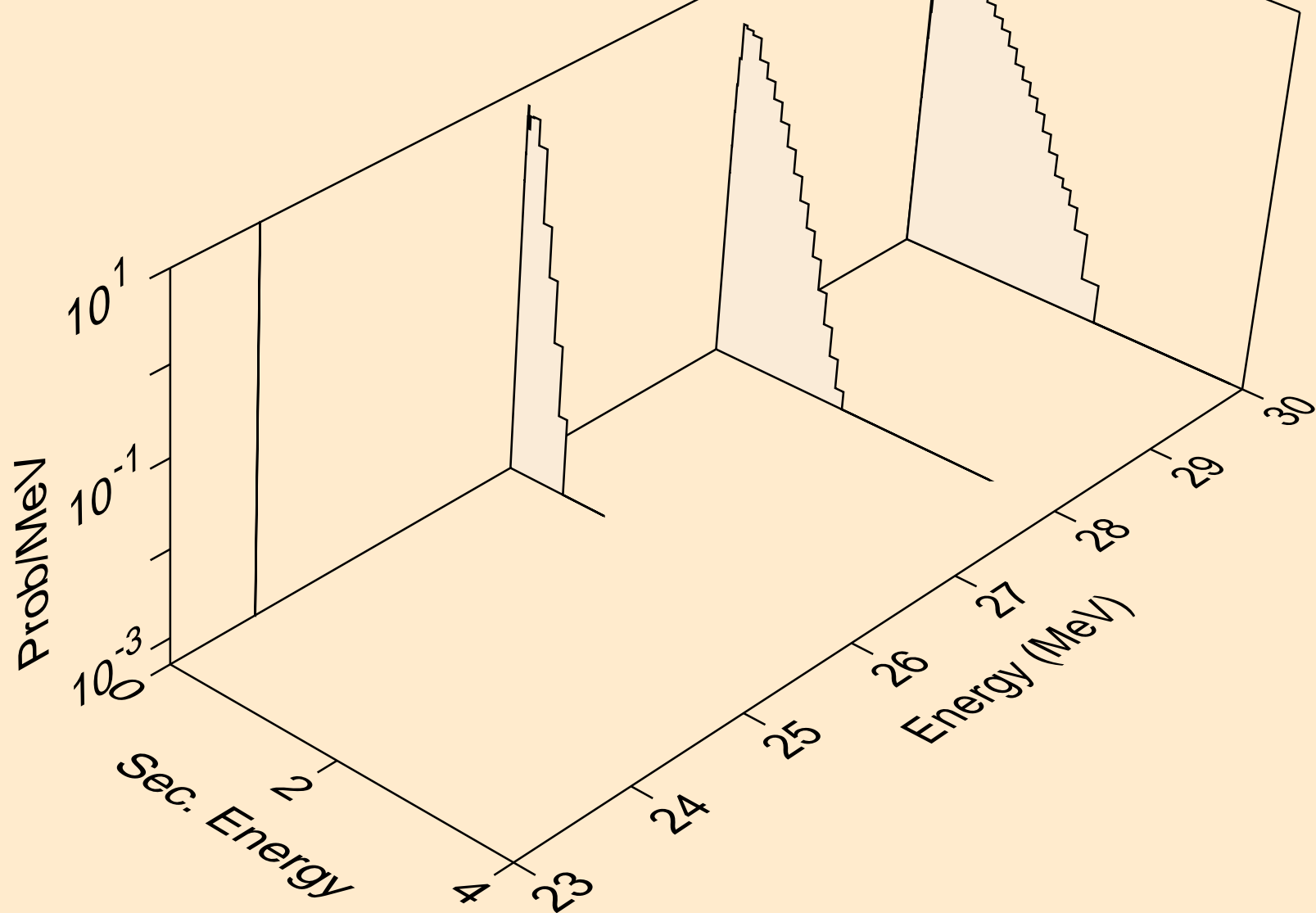
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neutrons from (s,n\*)2a



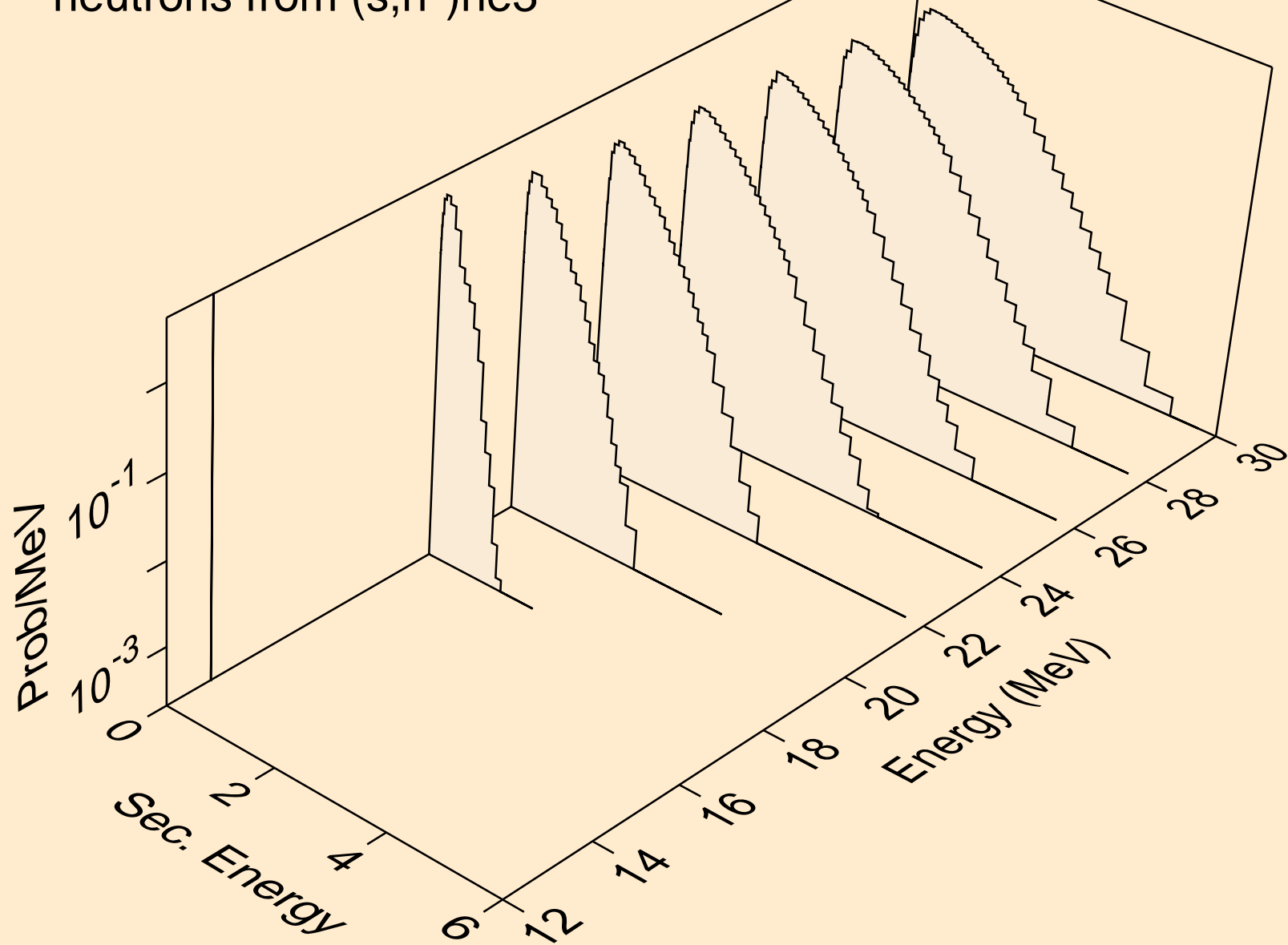
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



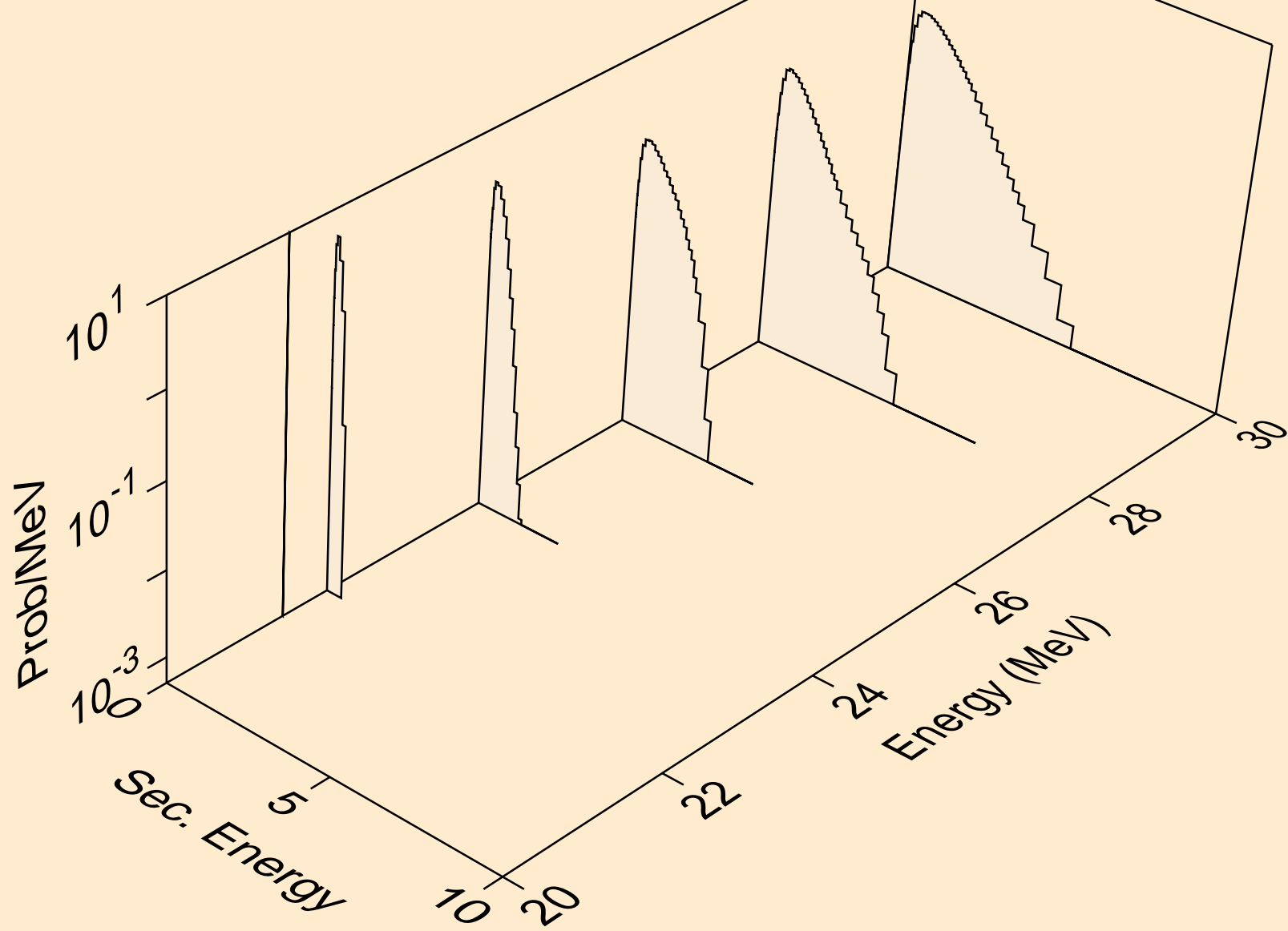
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neutrons from (s,n\*)t



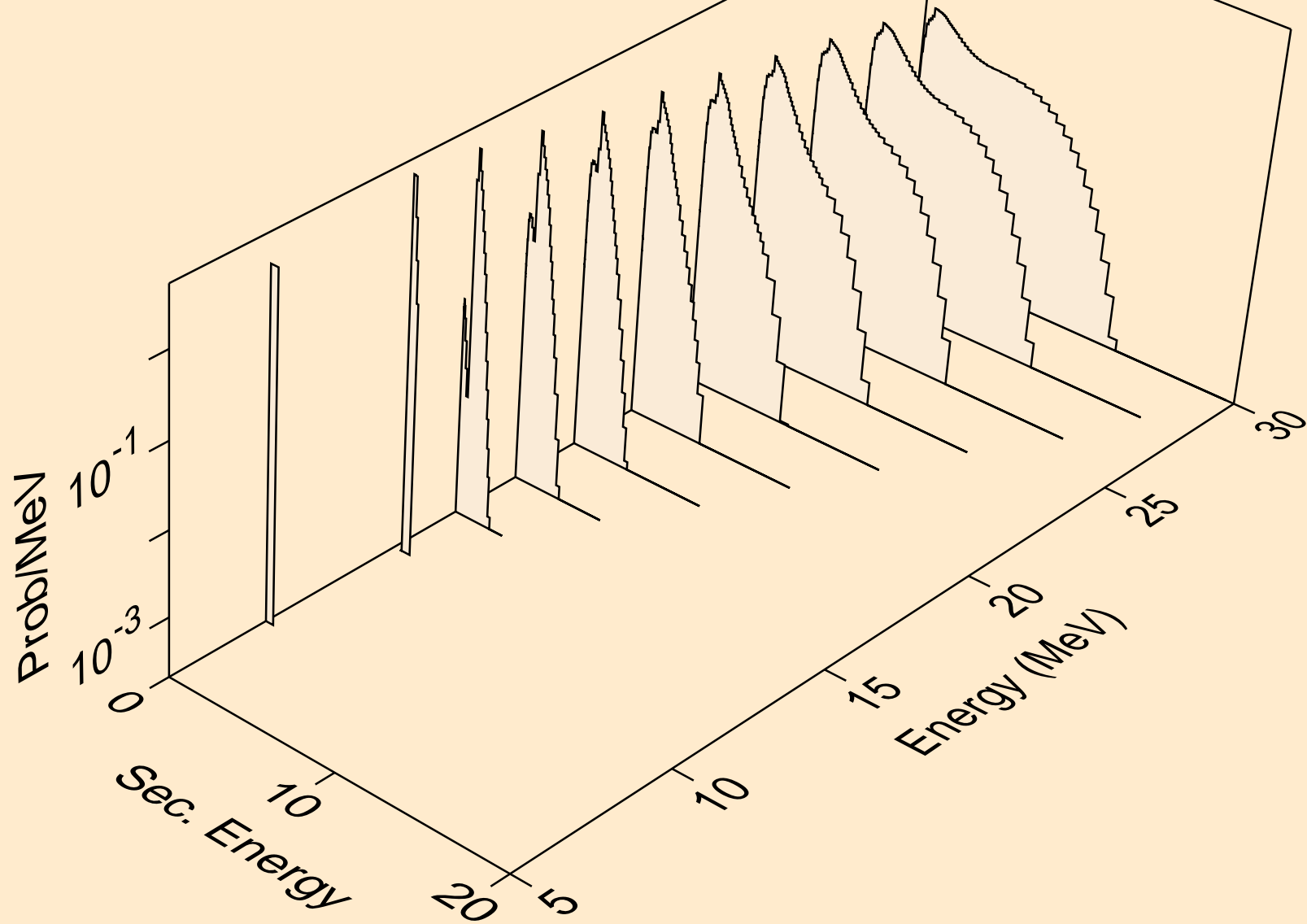
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



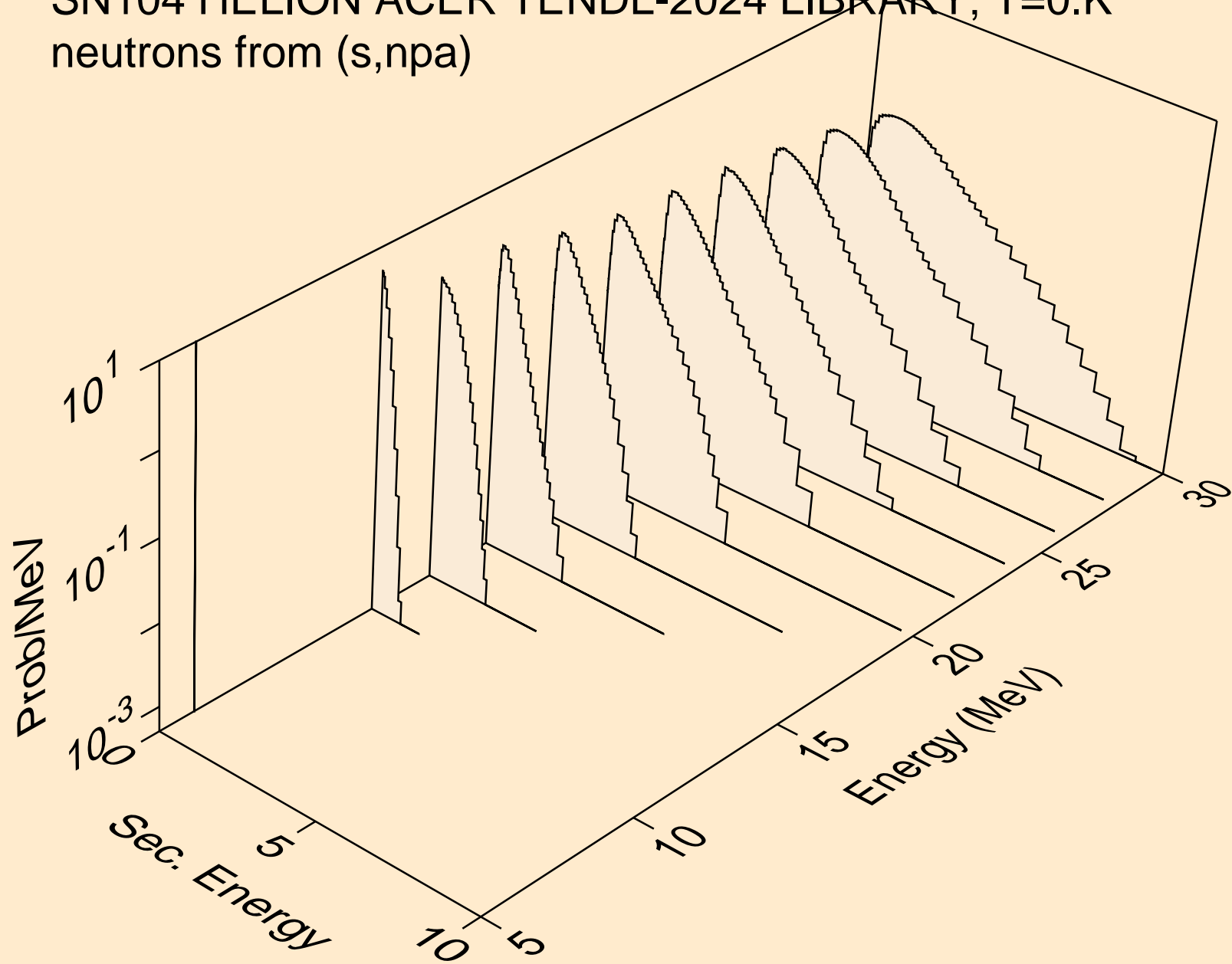
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neutrons from (s,2np)



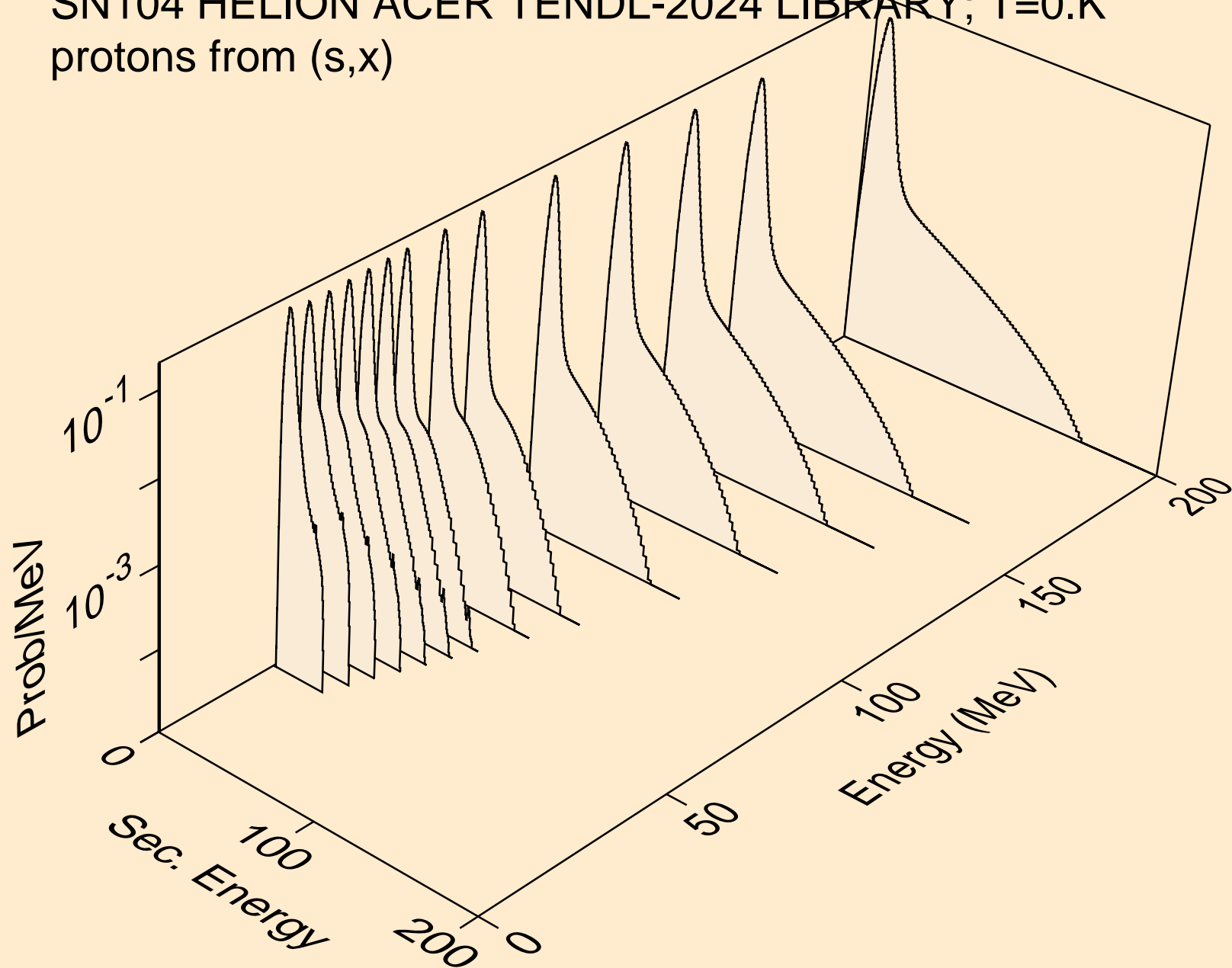
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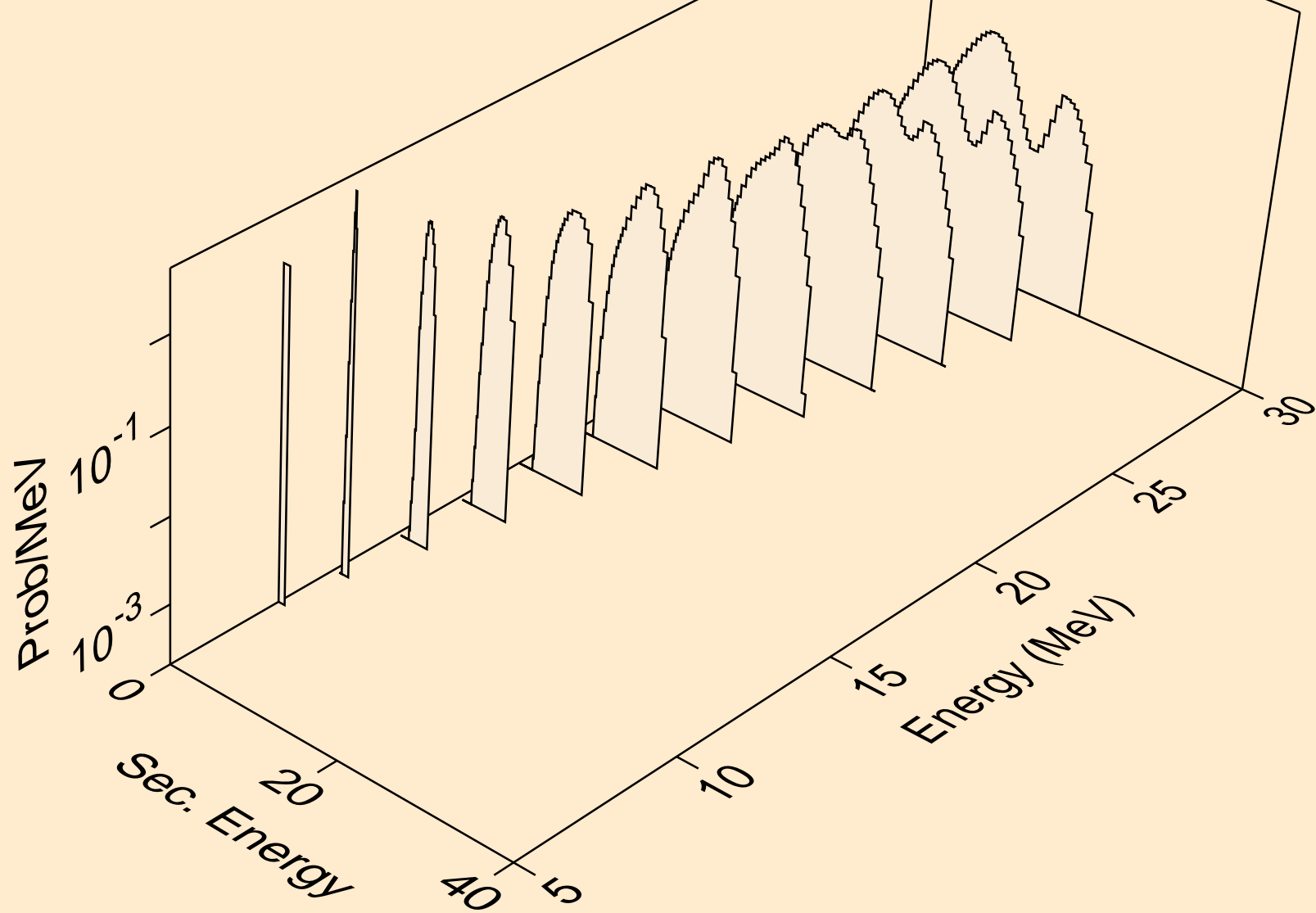
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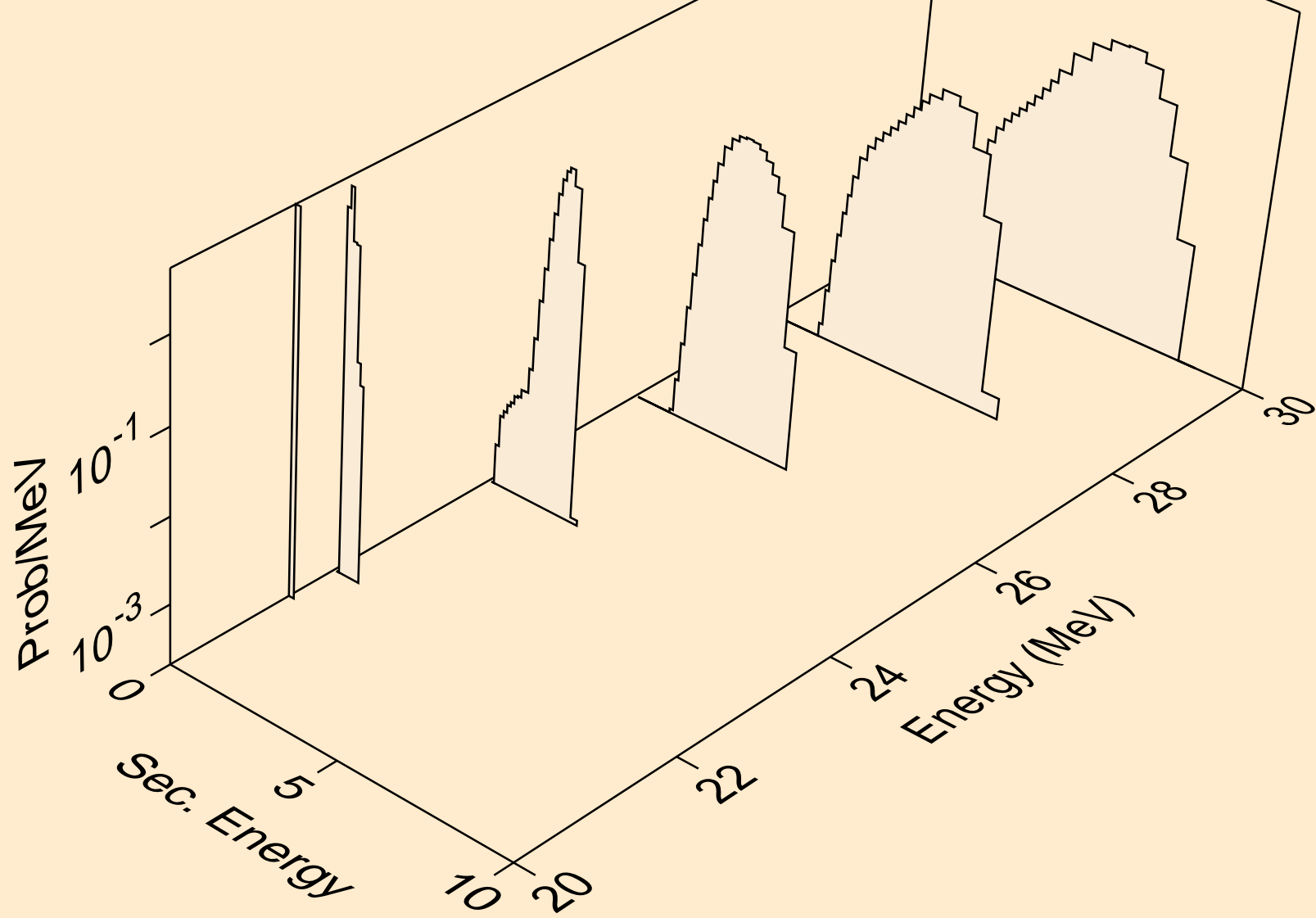
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protons from (s,x)



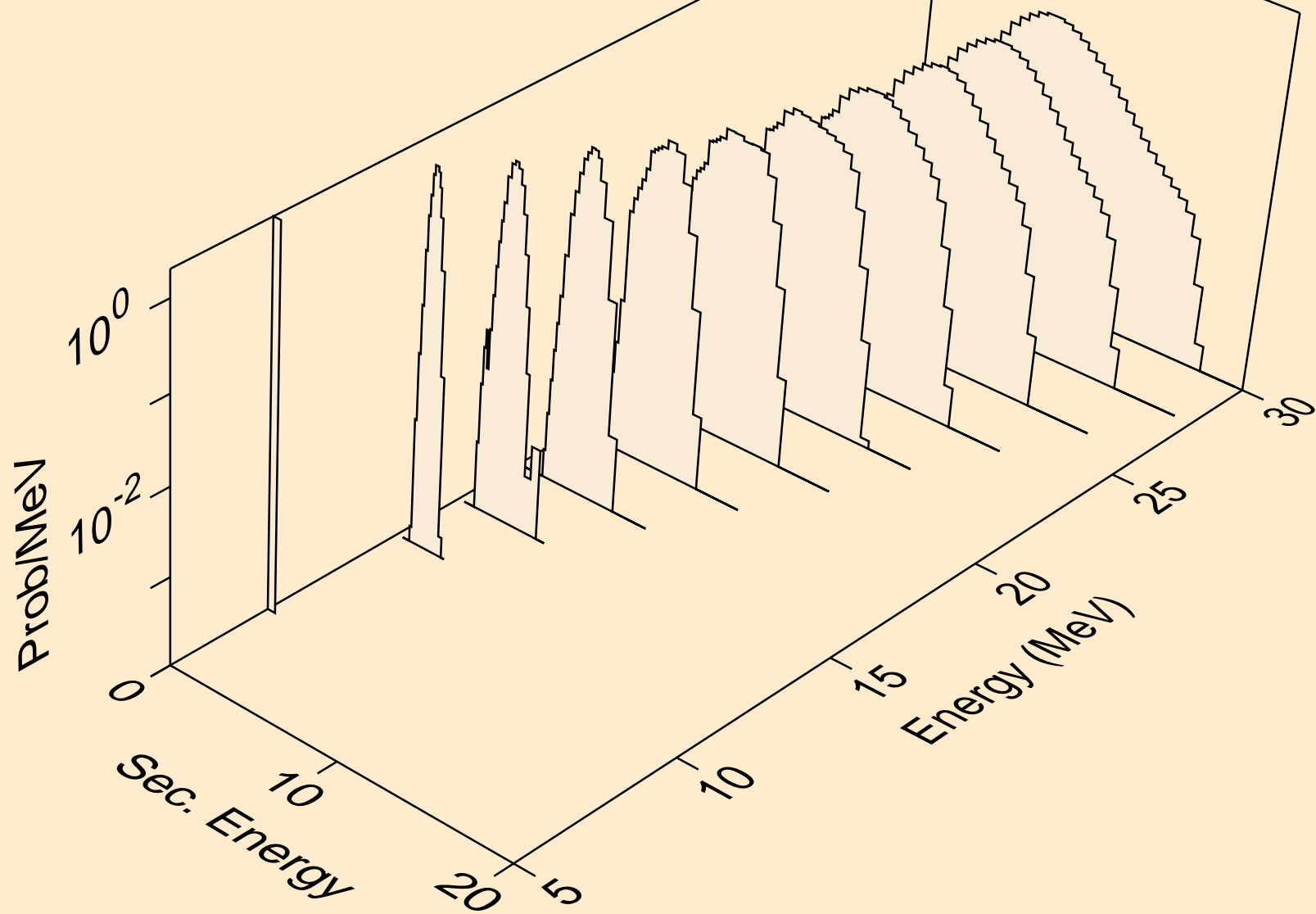
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protons from (s,n\*)p



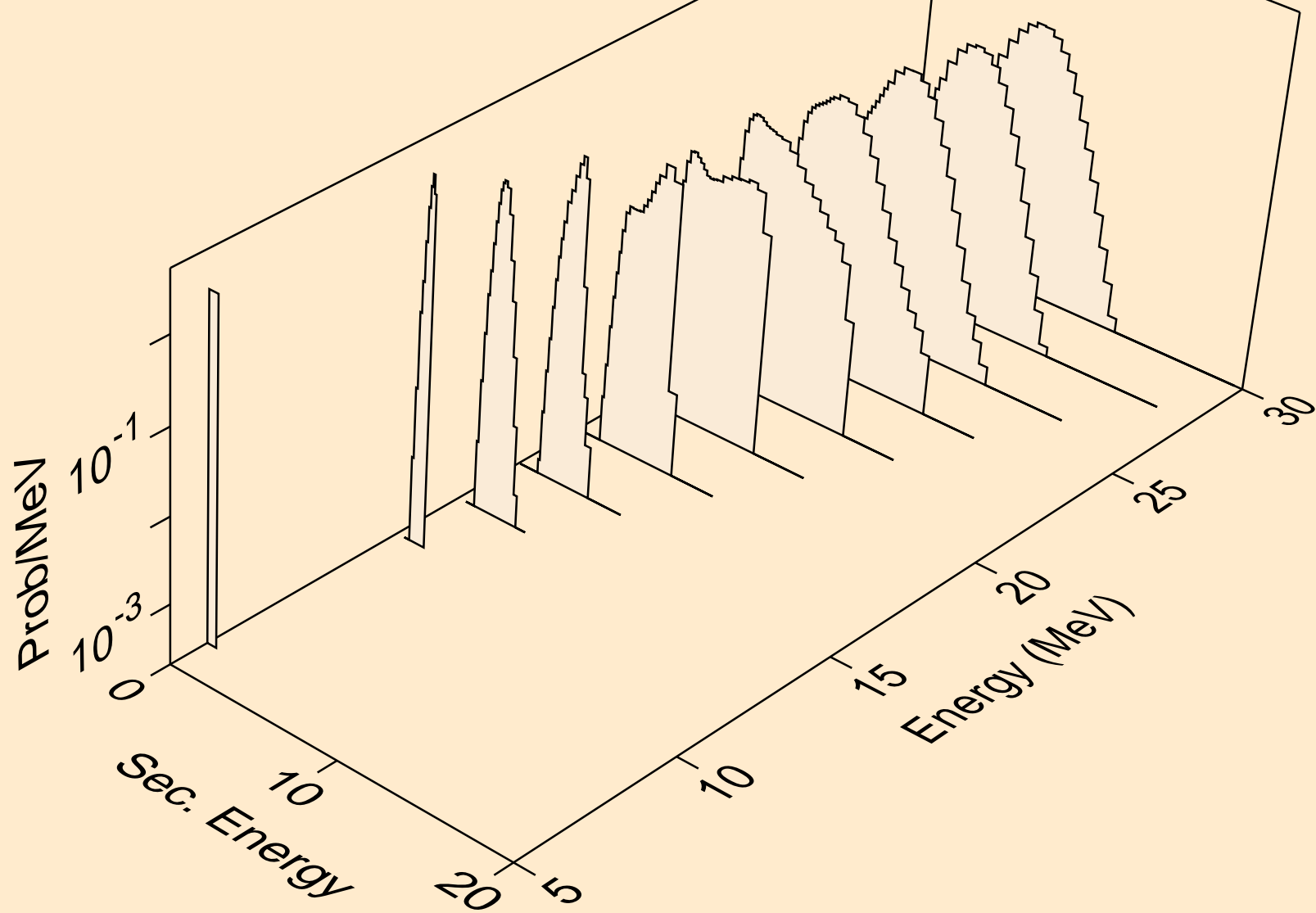
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protons from (s,2np)



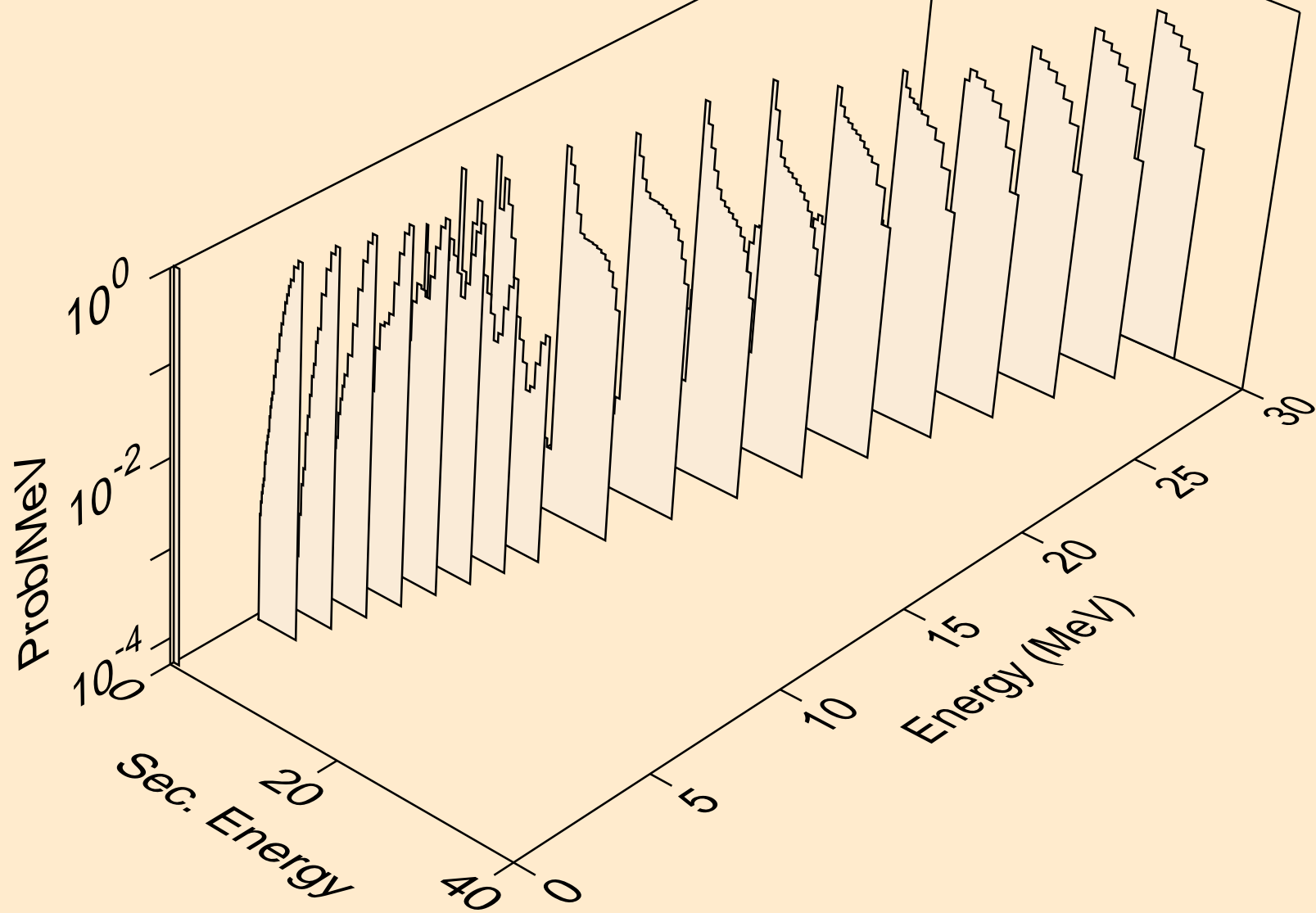
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protons from (s,n2p)



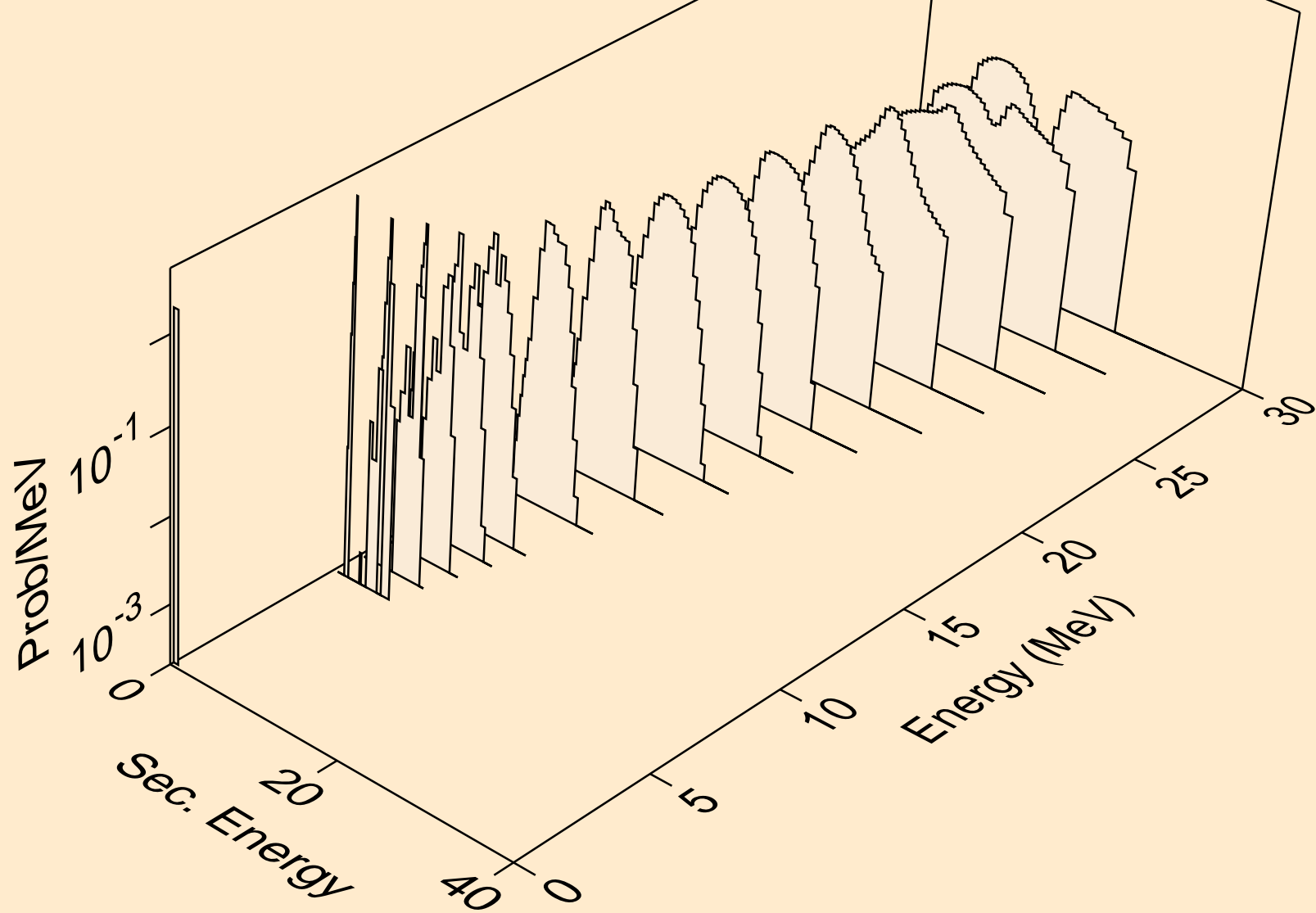
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protons from (s,npa)



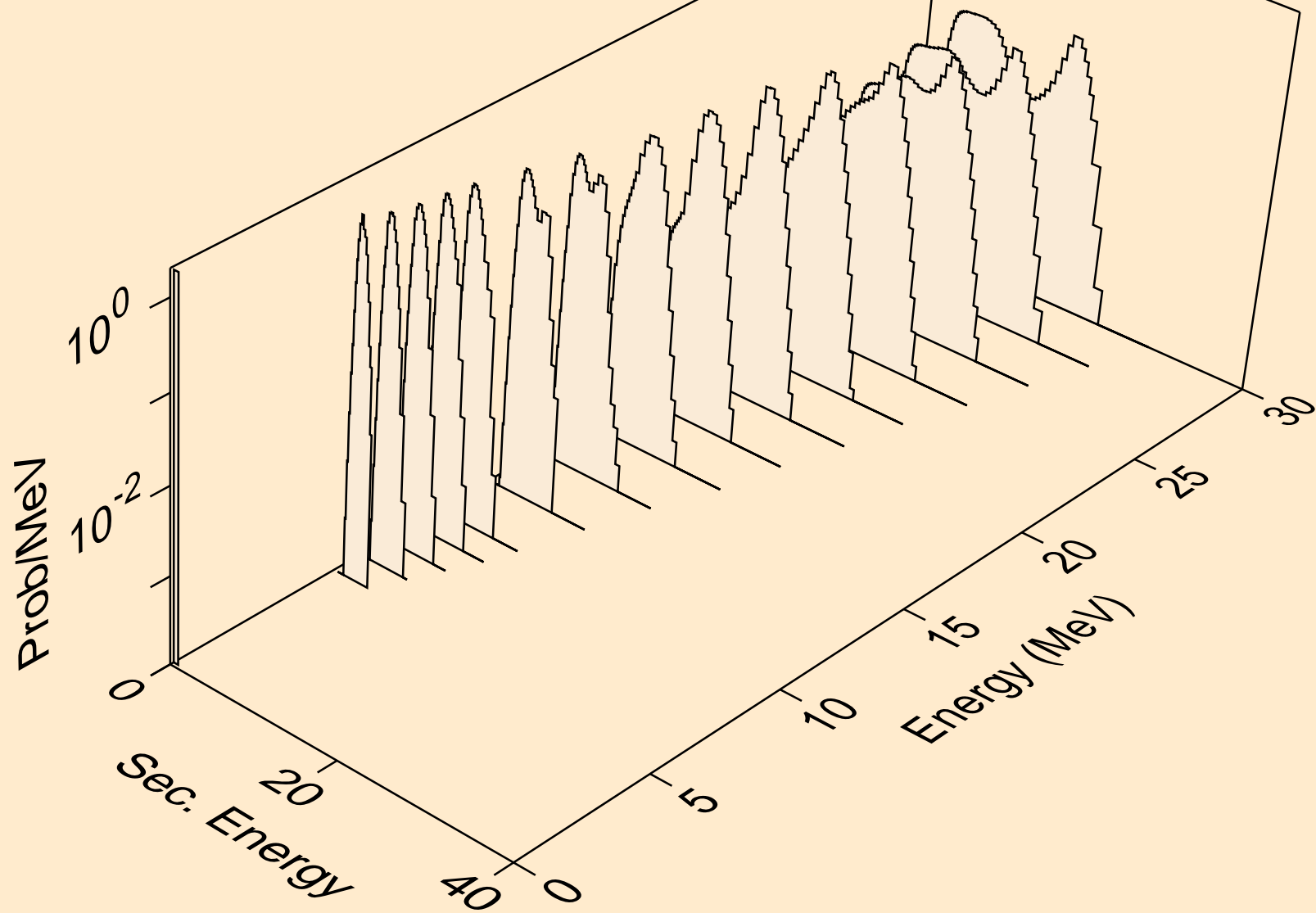
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protons from (s,p)



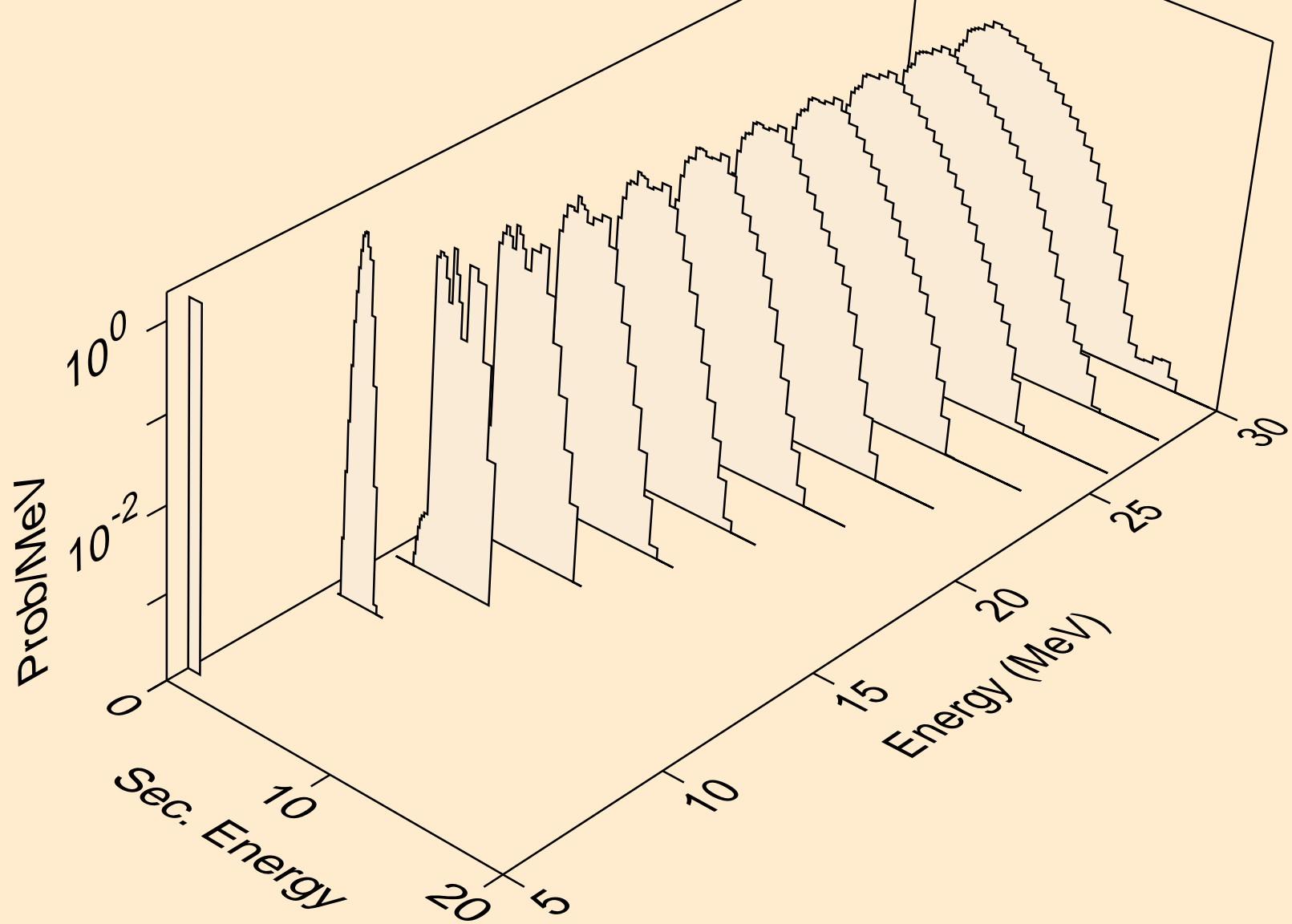
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protons from (s,2p)



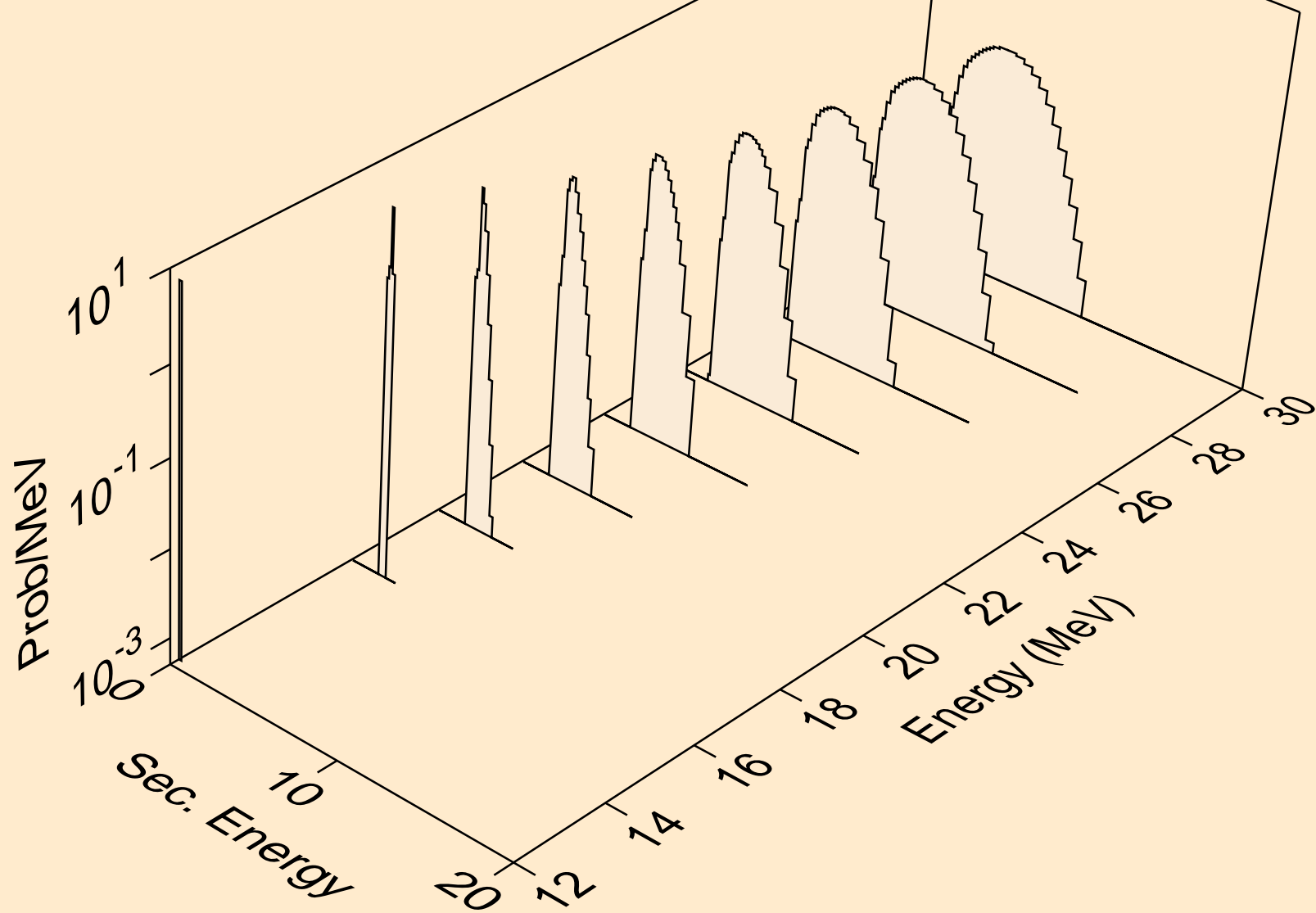
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



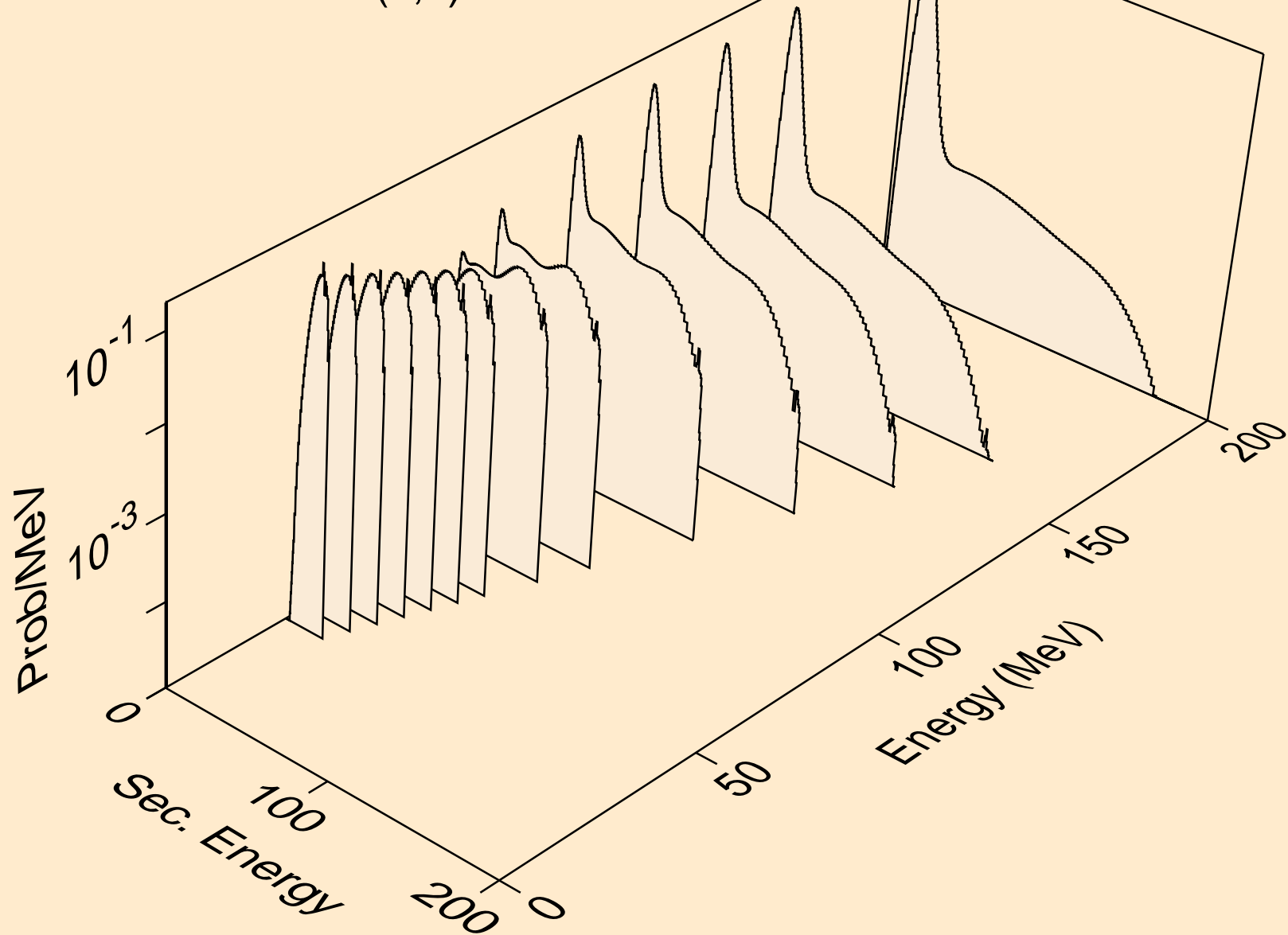
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



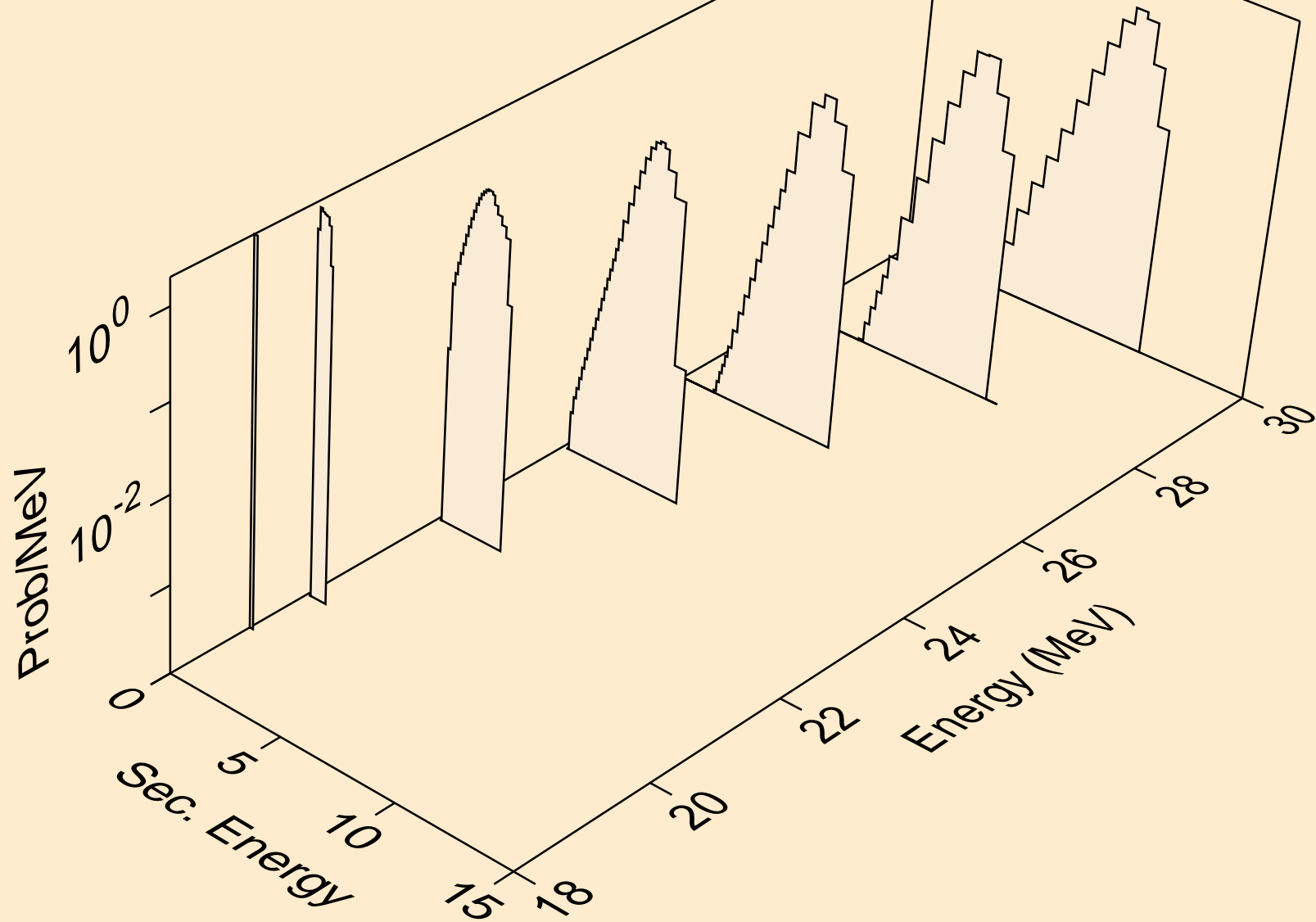
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



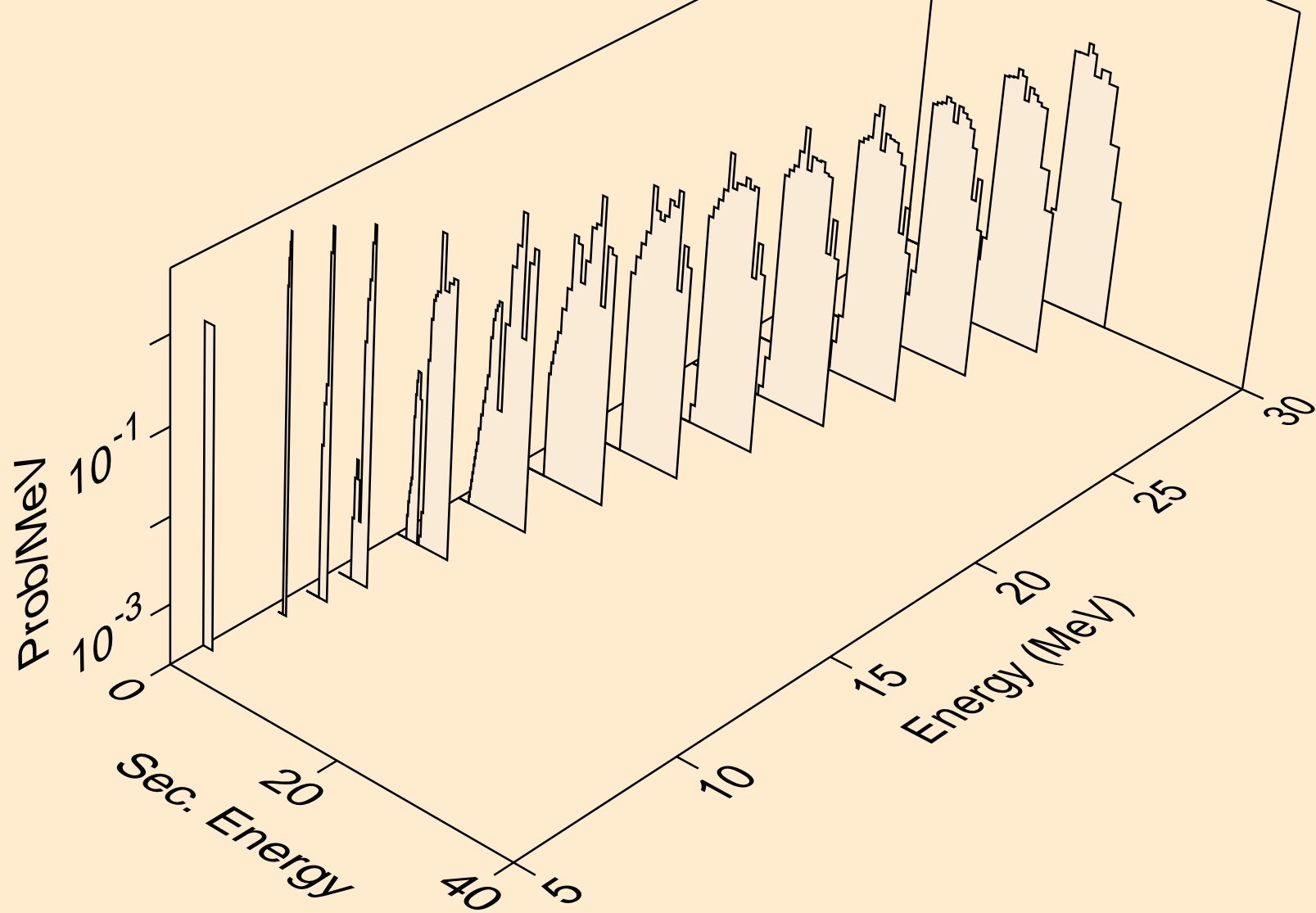
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



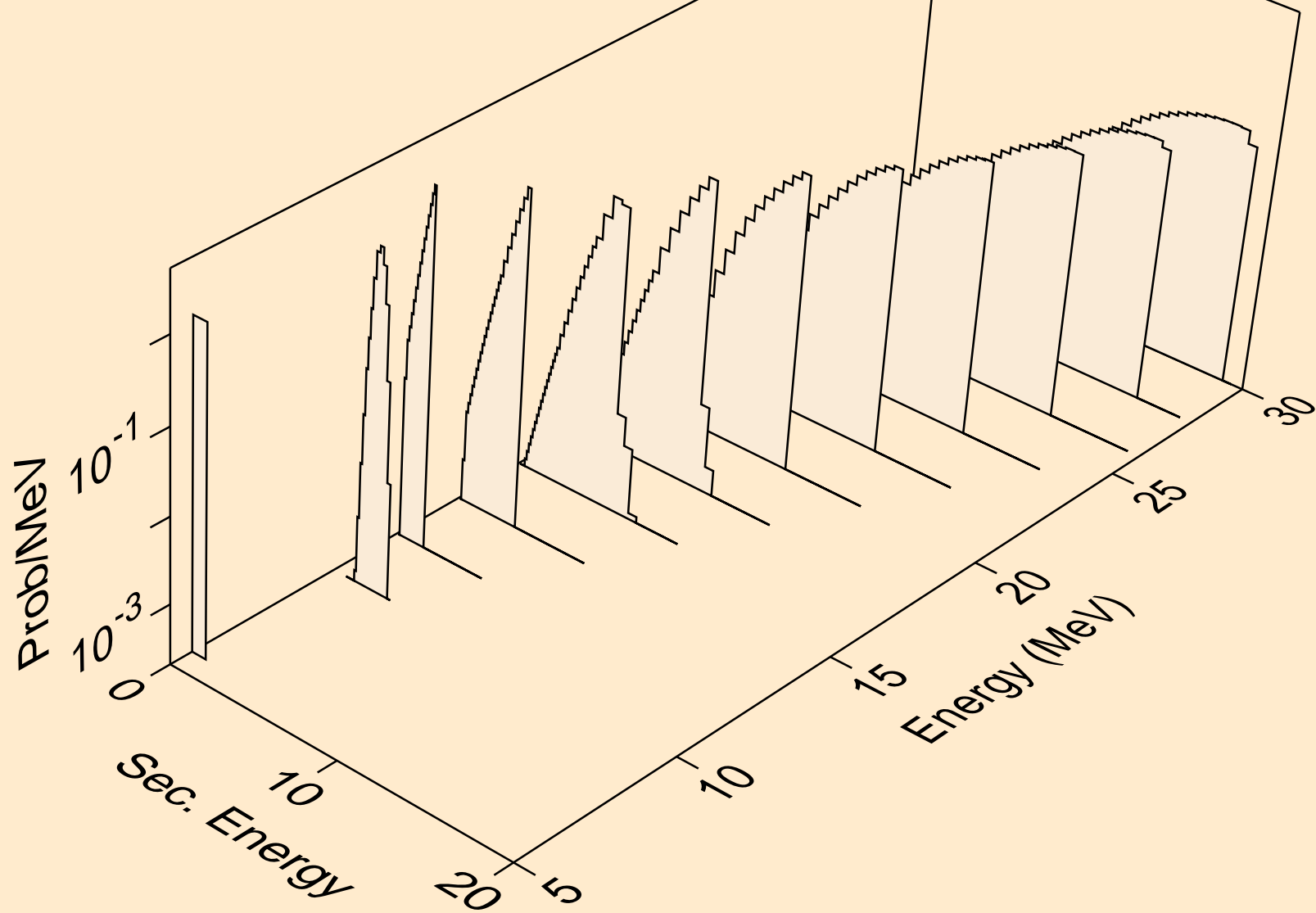
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



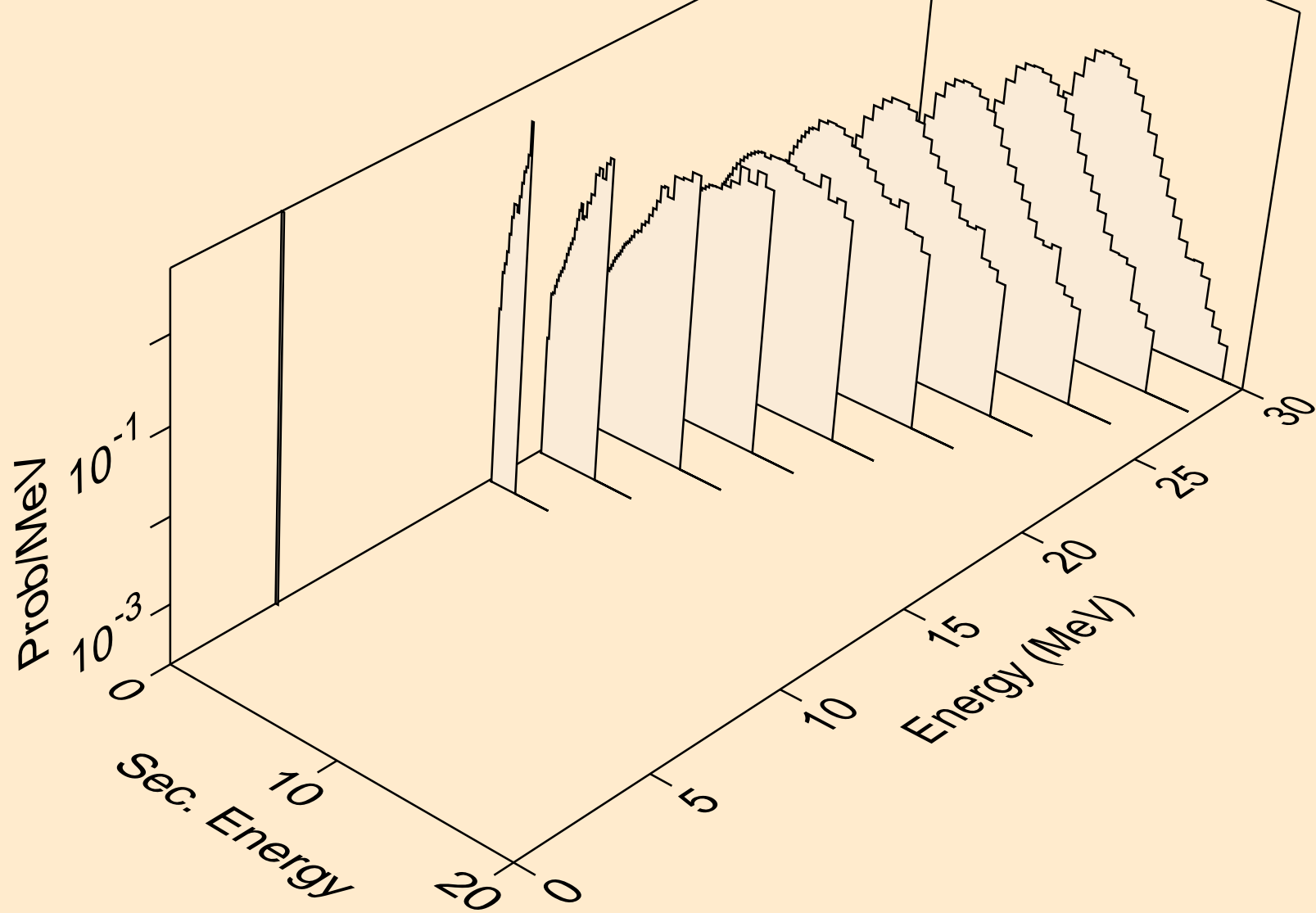
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deuterons from (s,d)



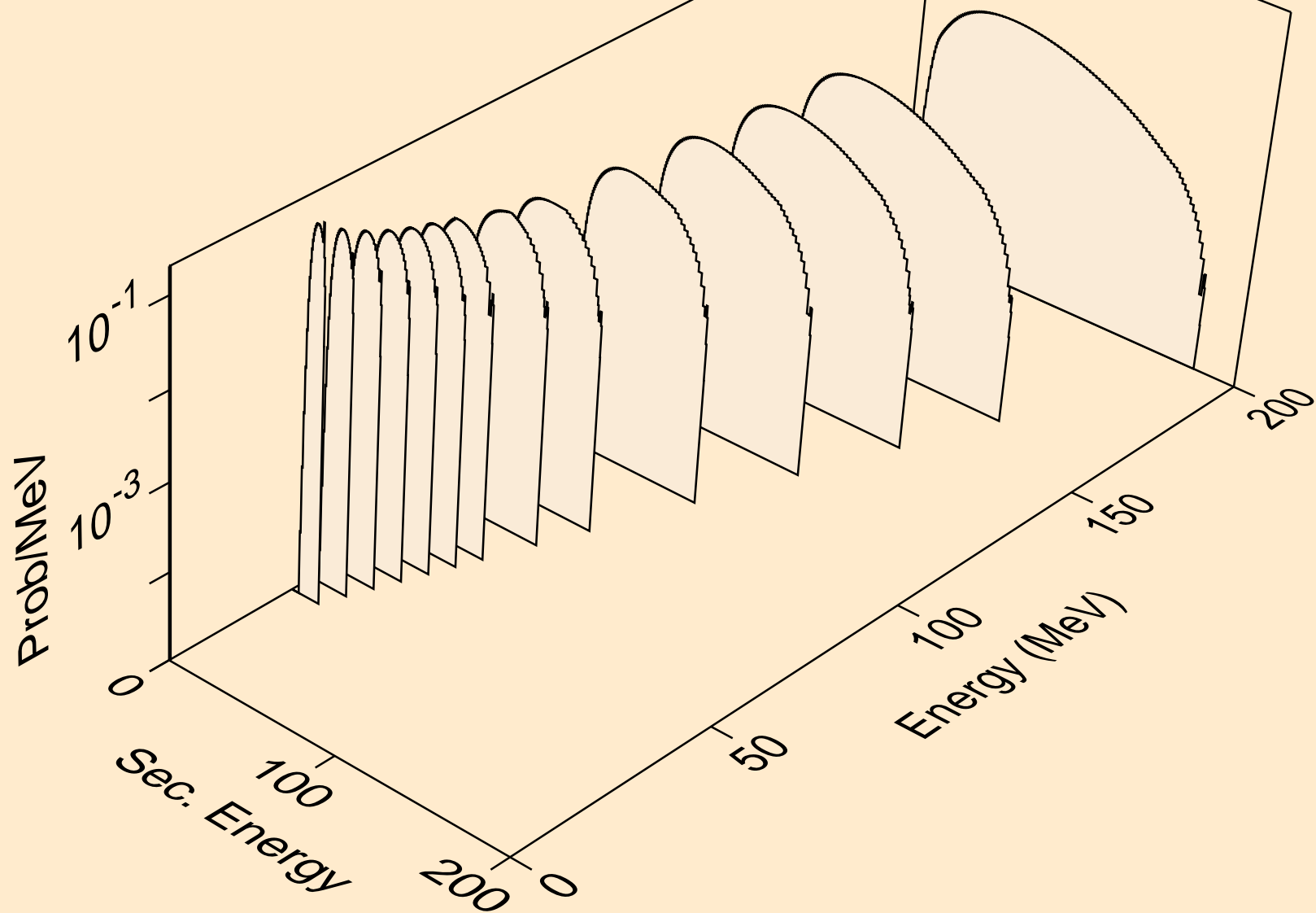
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



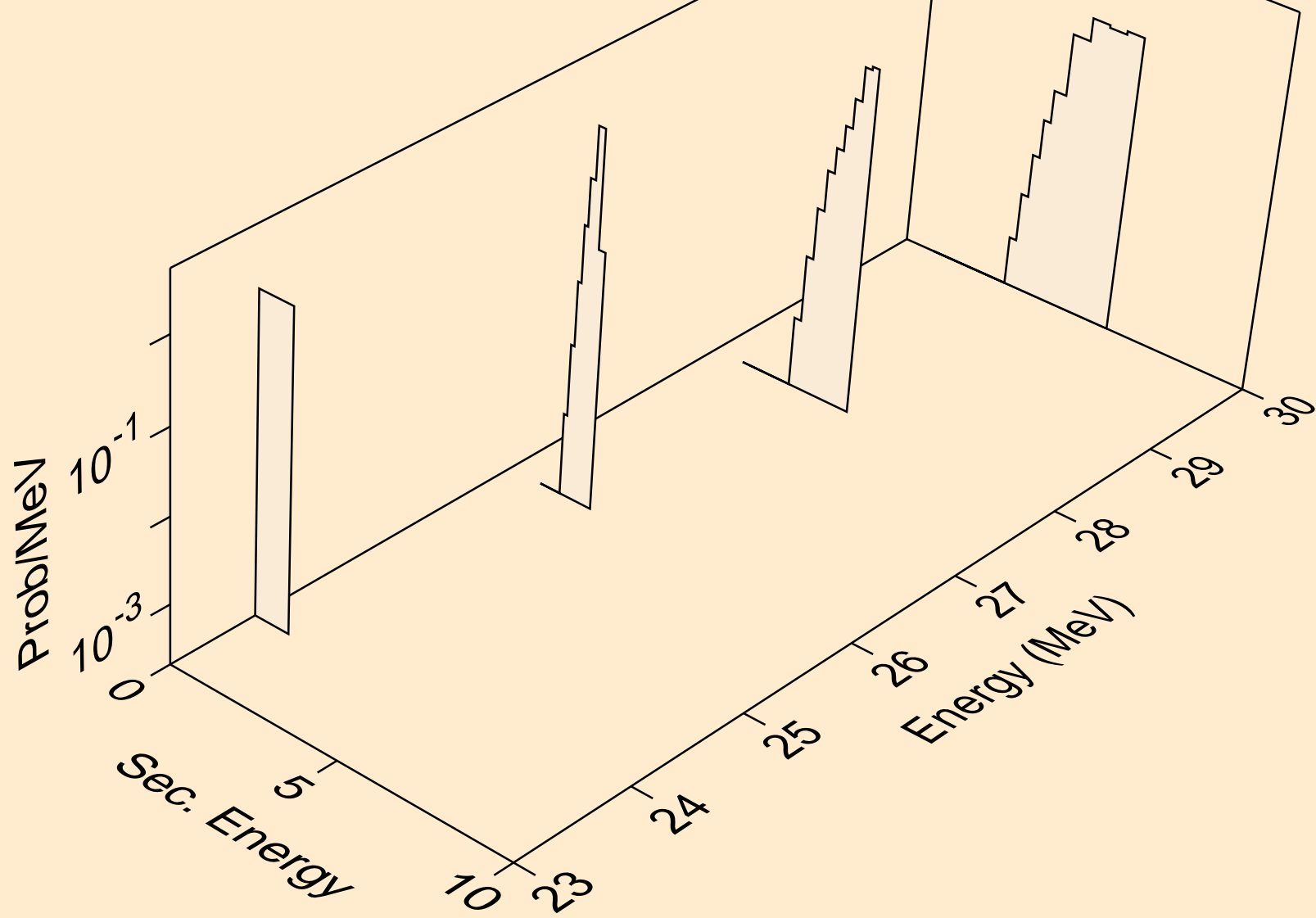
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deuterons from (s,da)



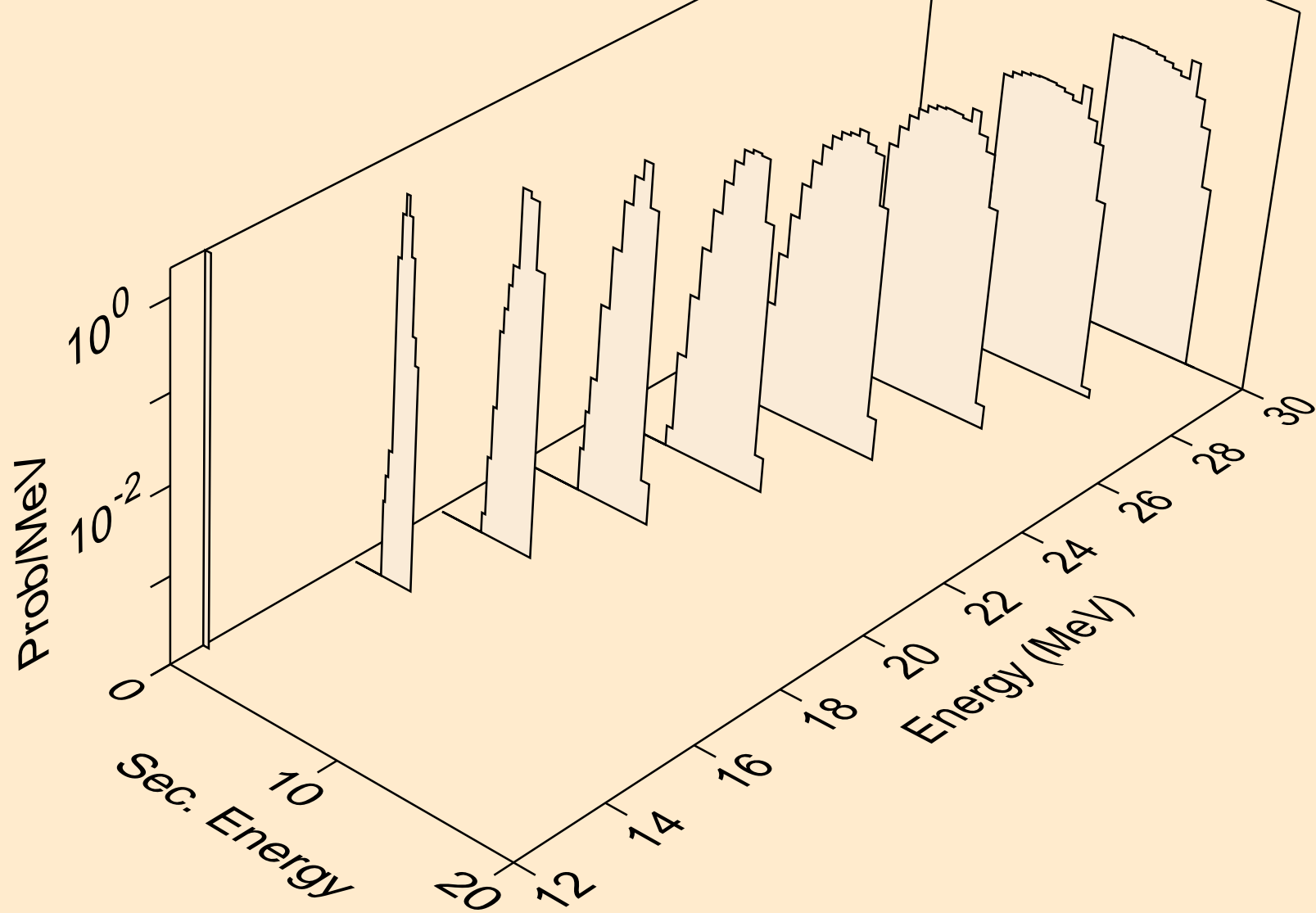
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



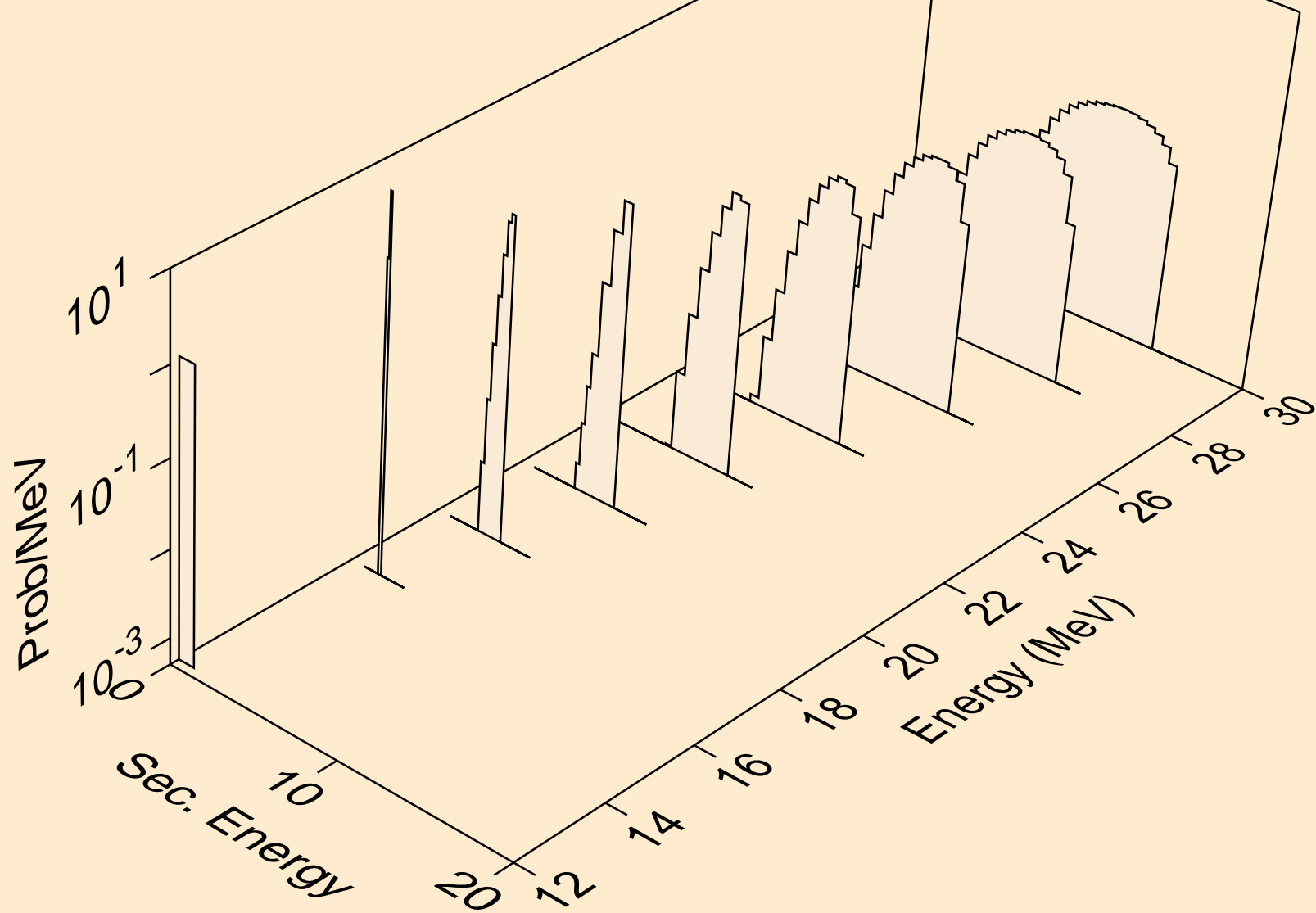
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



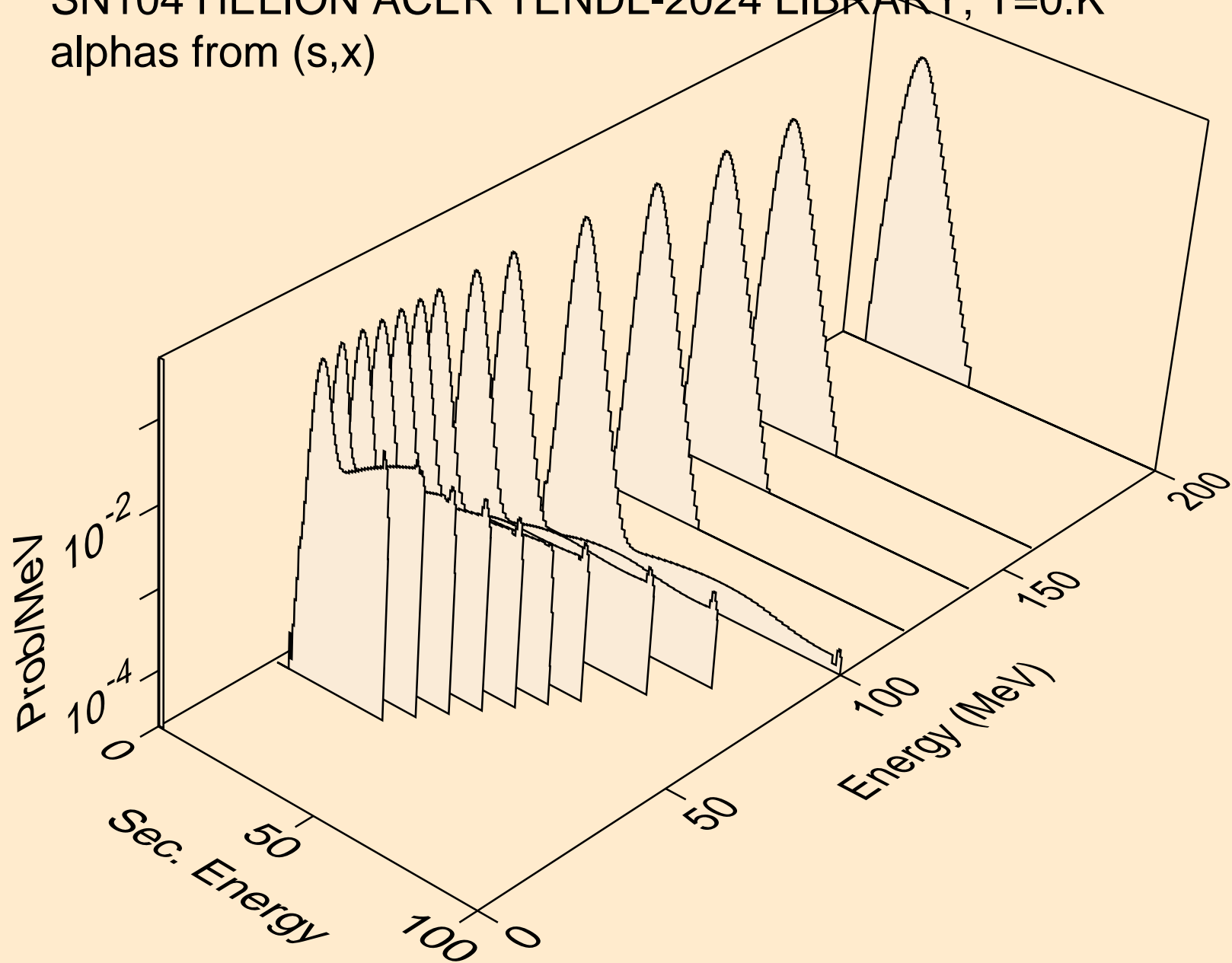
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tritons from (s,t)



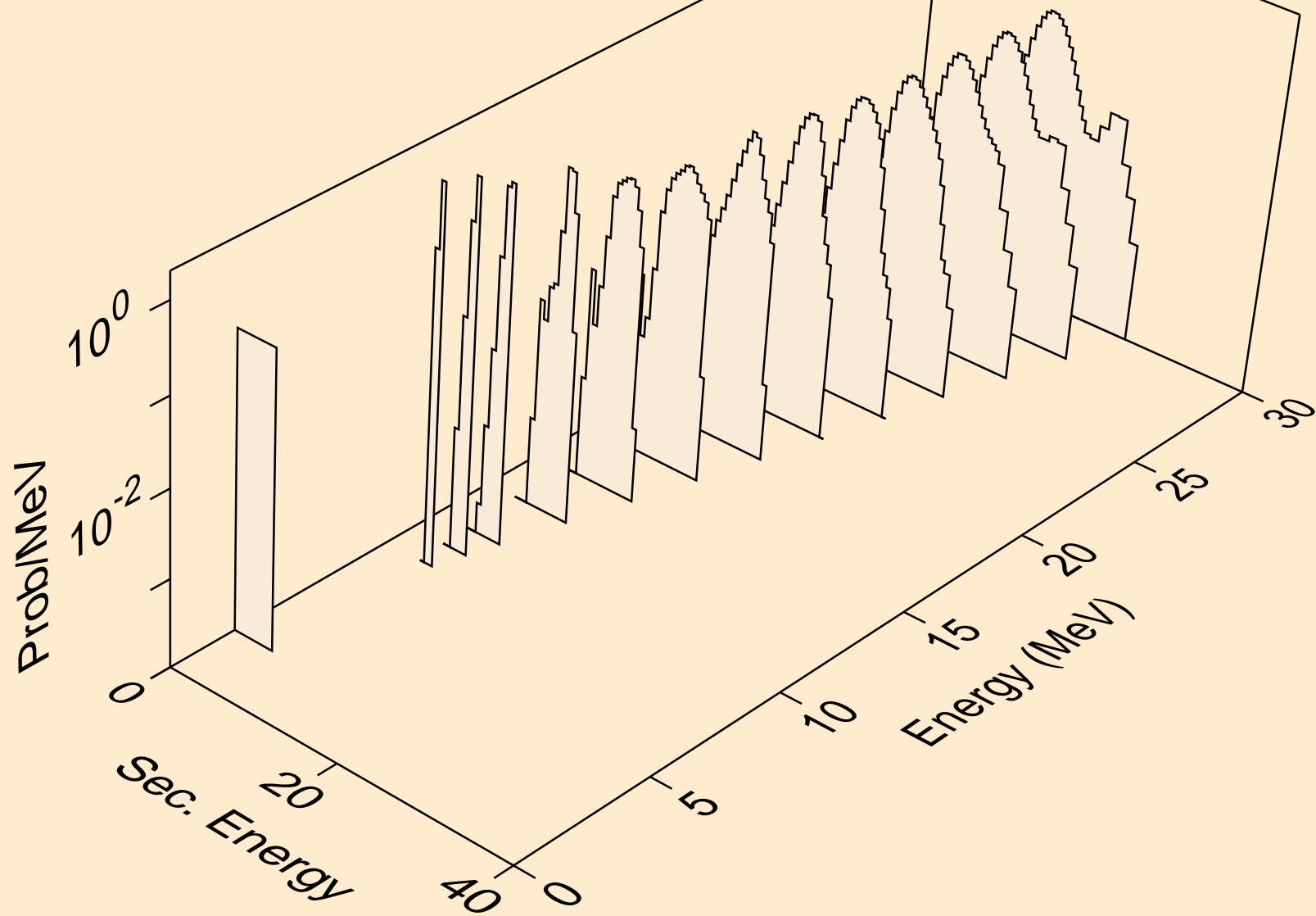
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tritons from (s,pt)



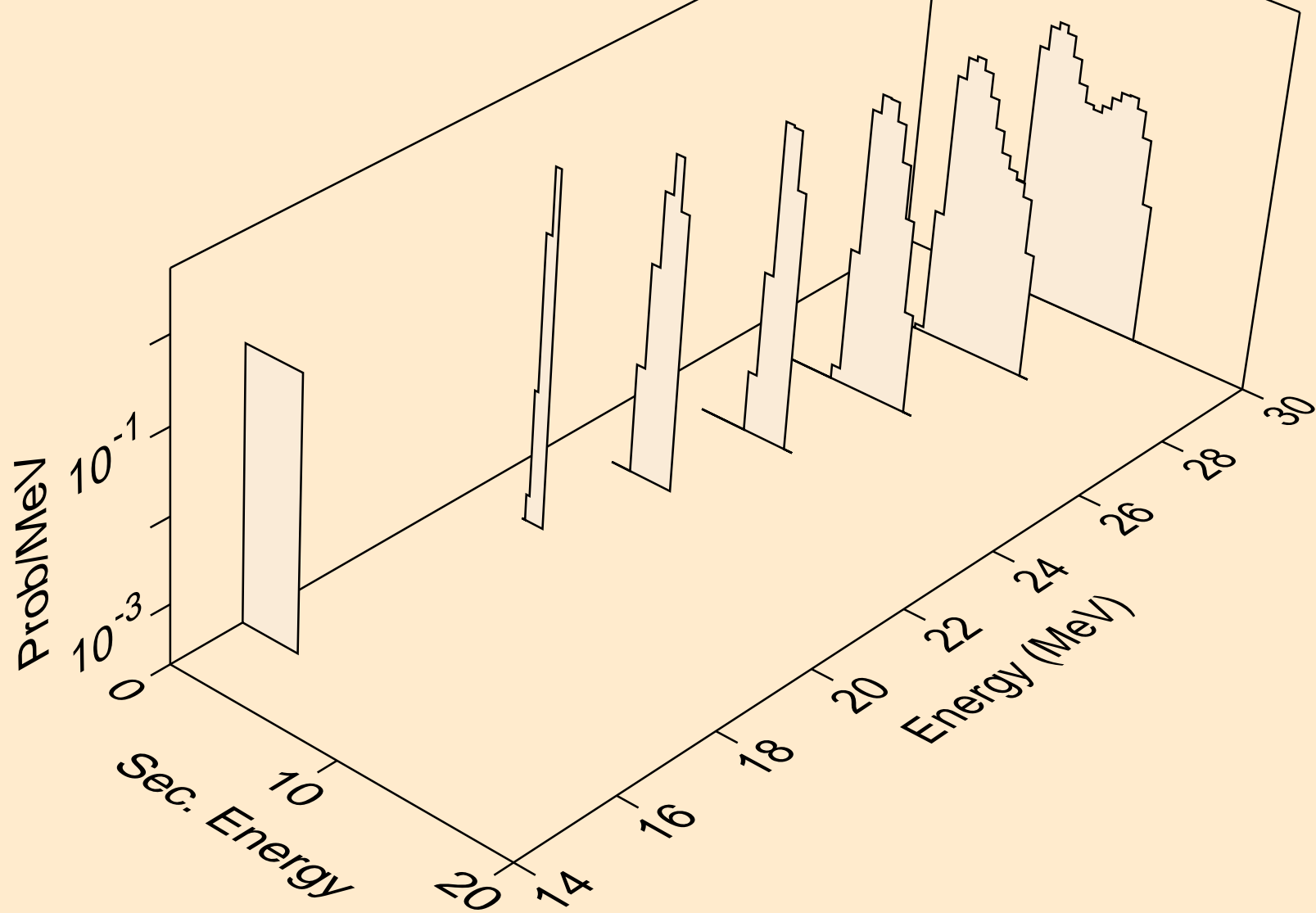
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alphas from (s,x)



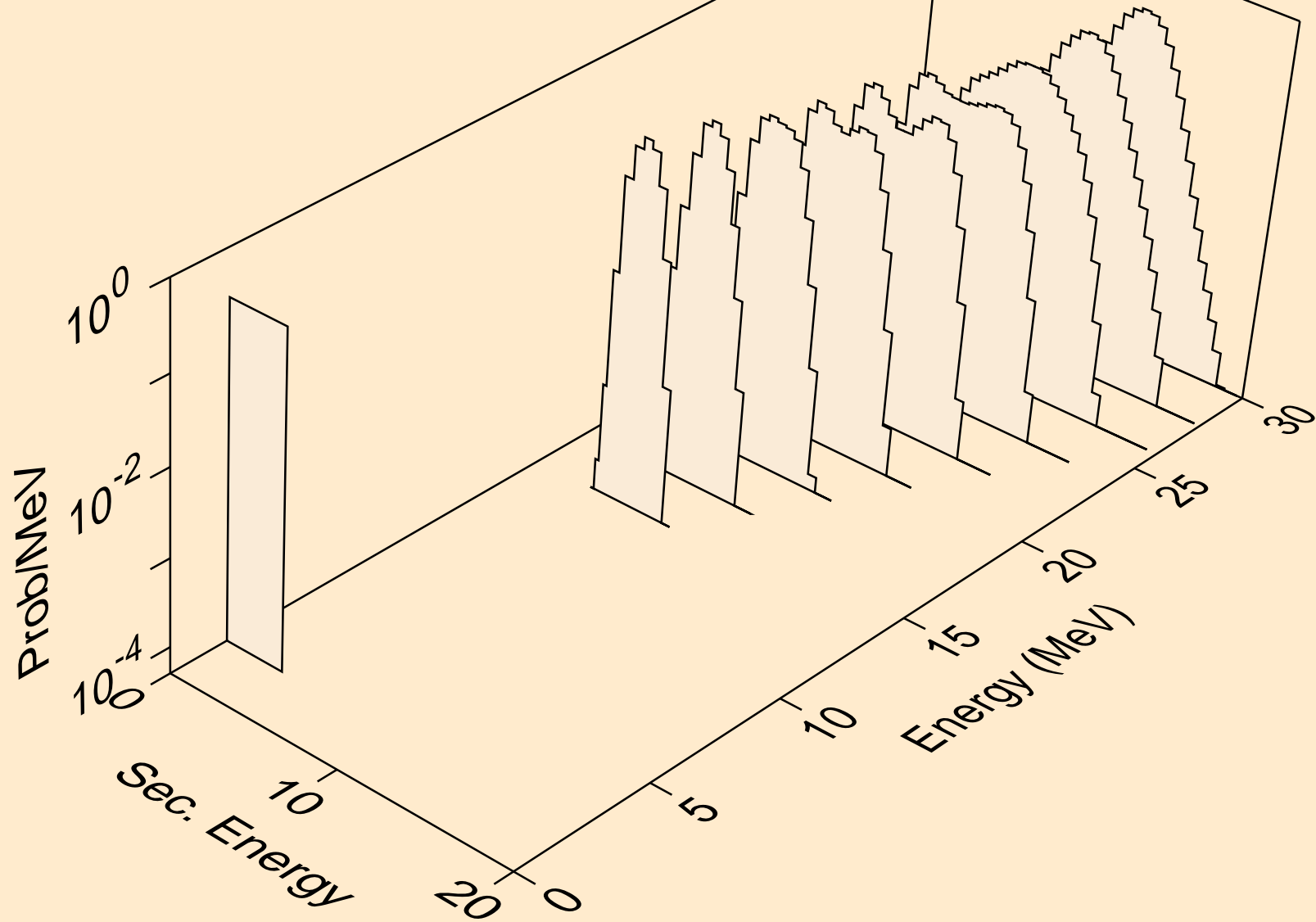
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



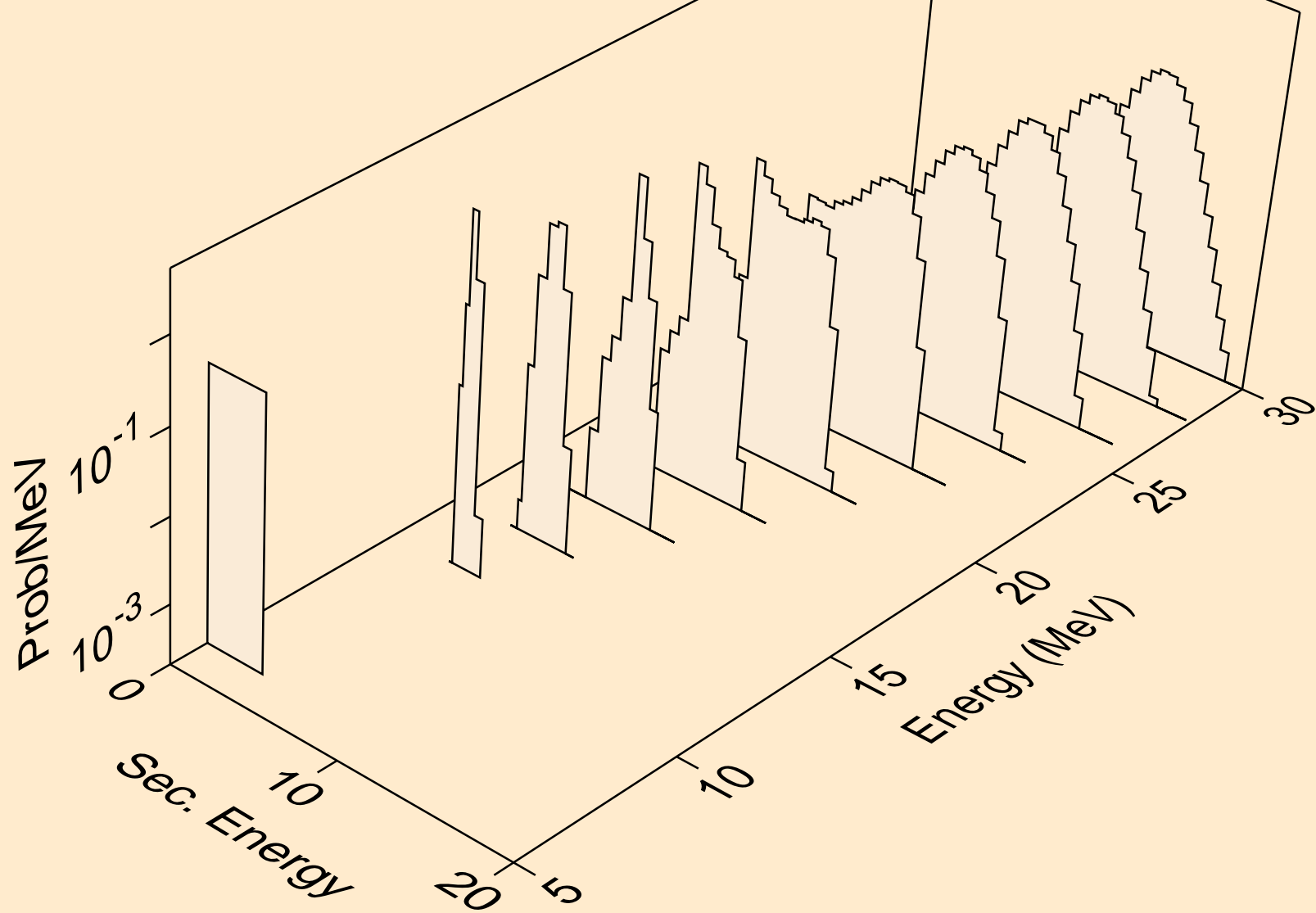
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alphas from (s,2n)a



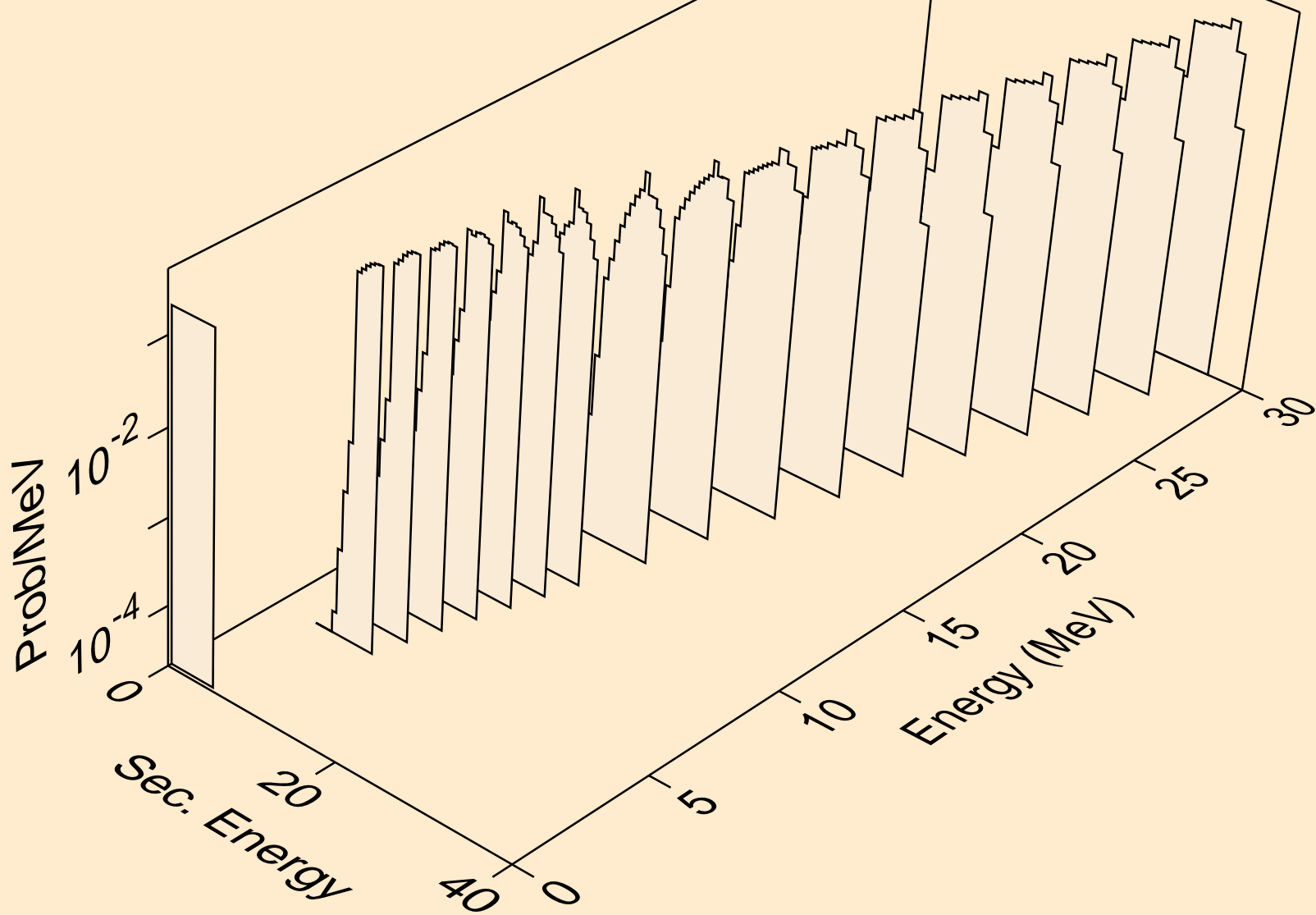
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alphas from (s,n\*)2a



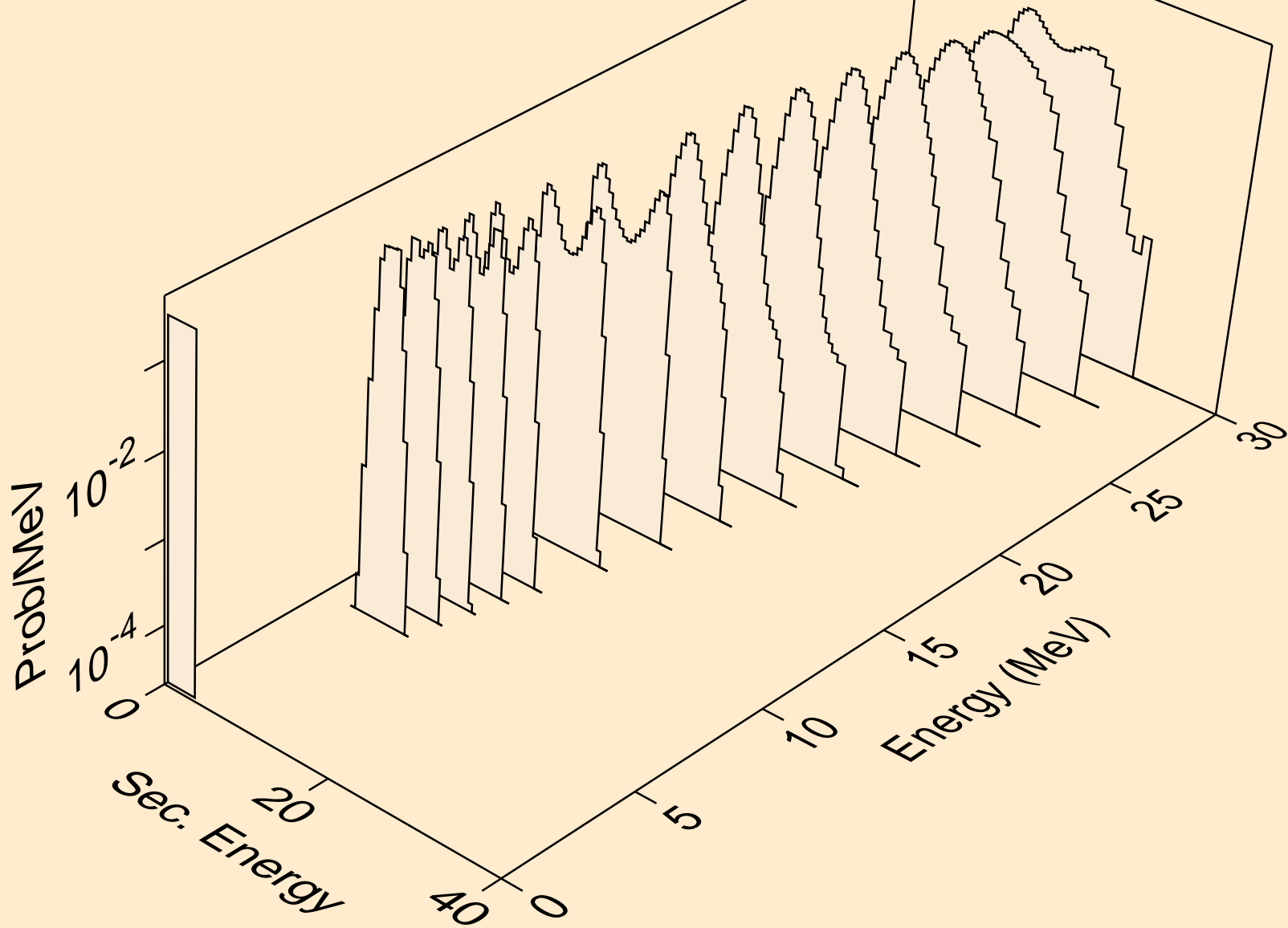
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



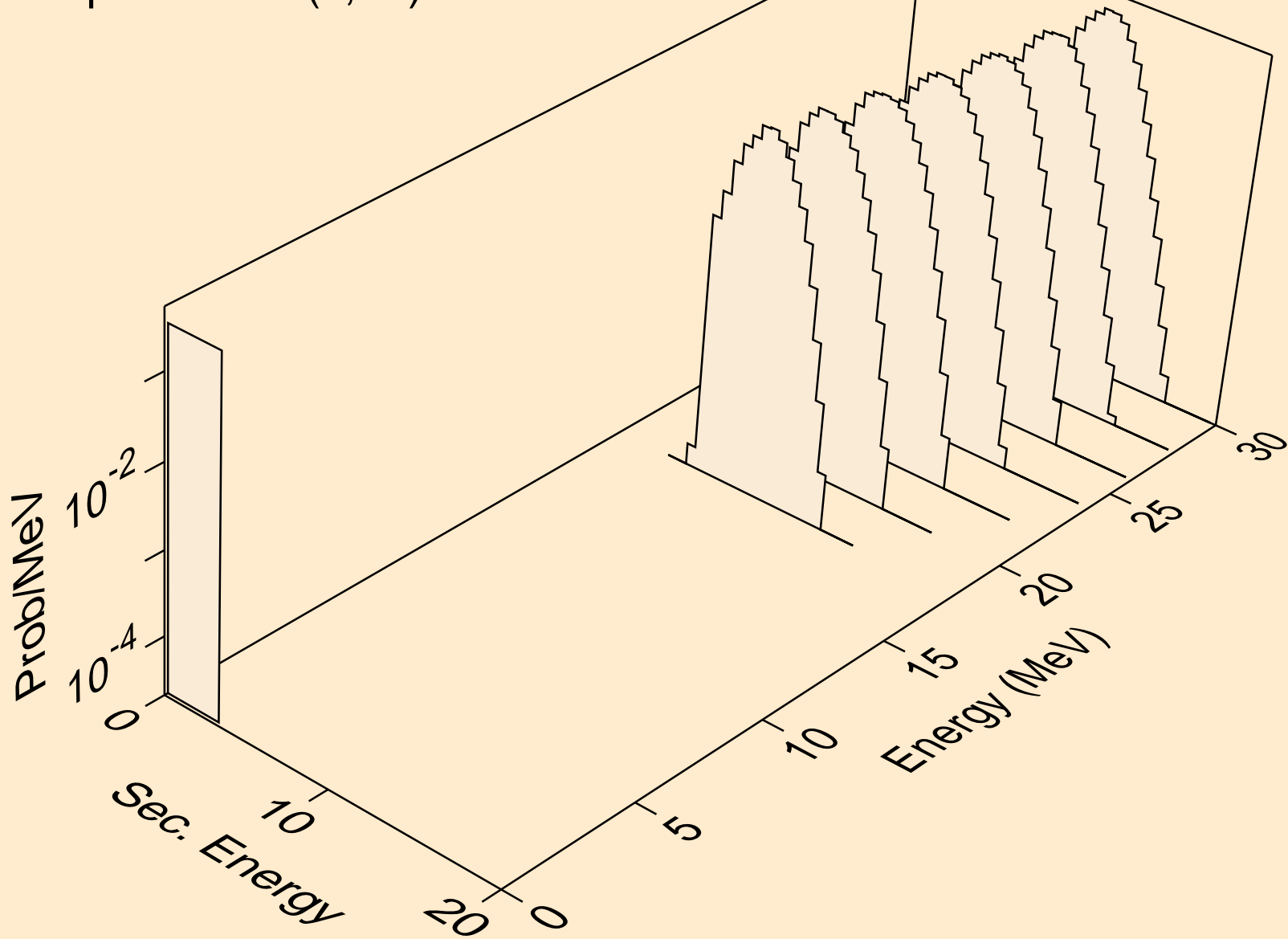
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



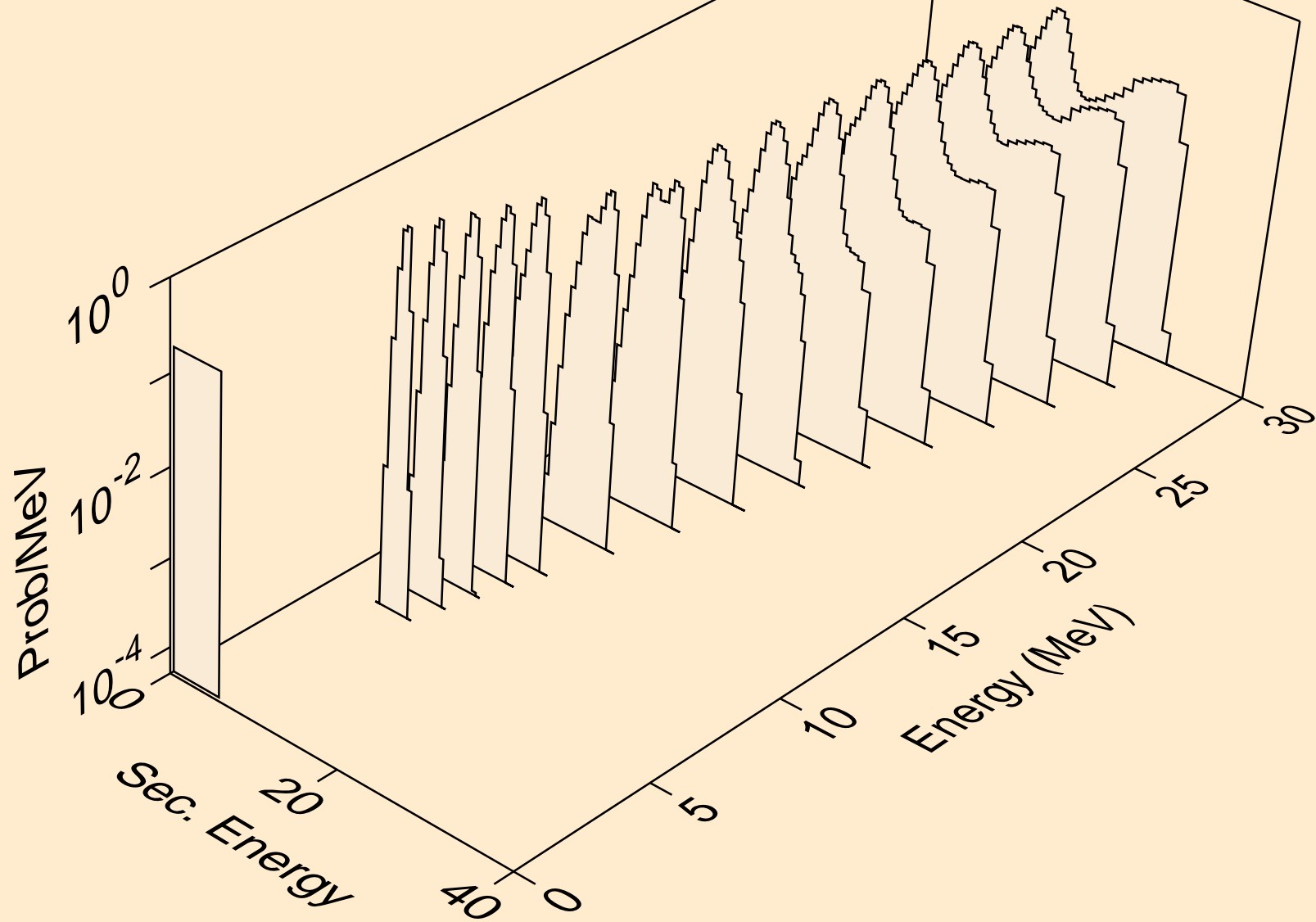
SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



SN104 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

