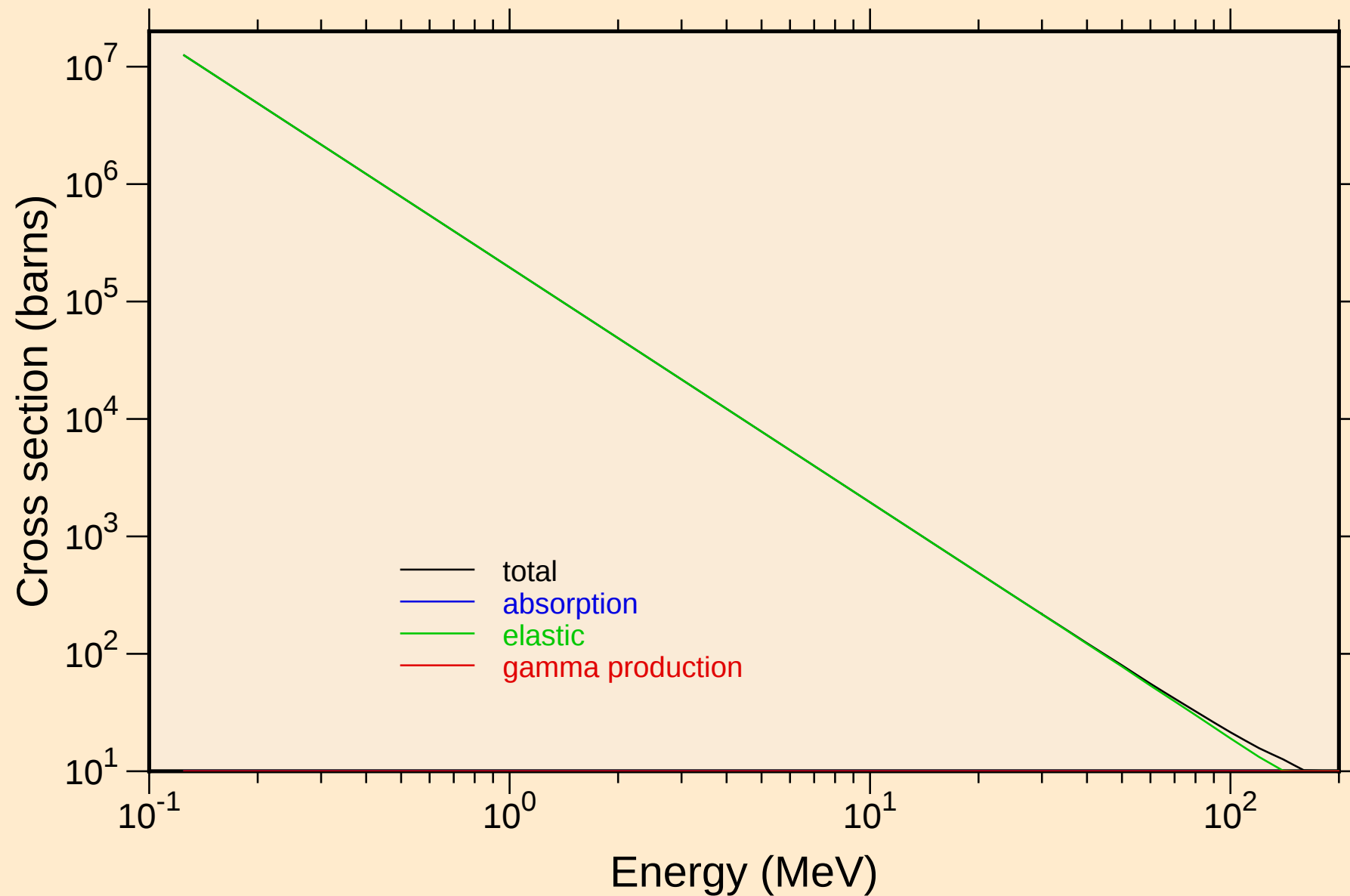


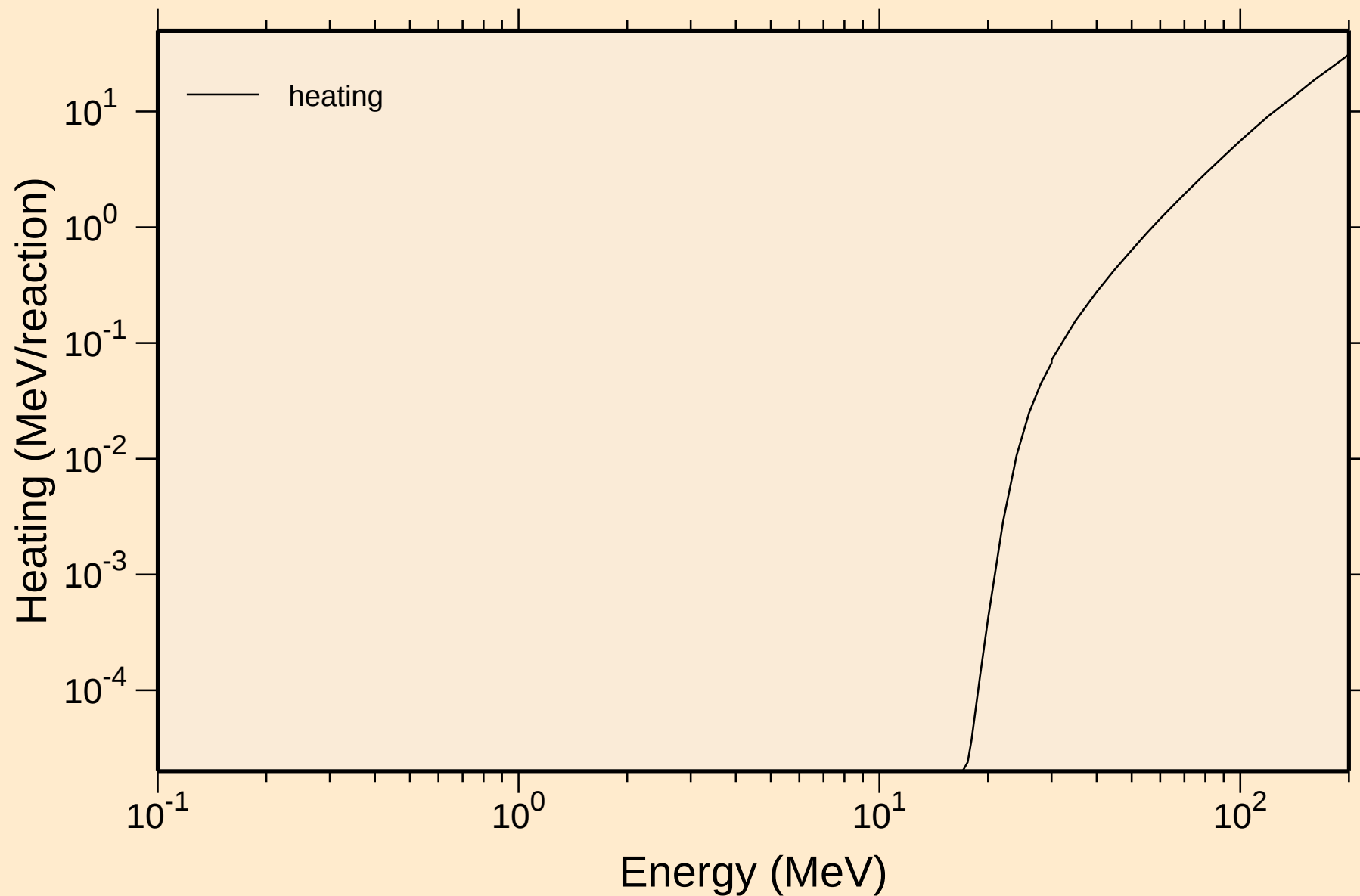
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



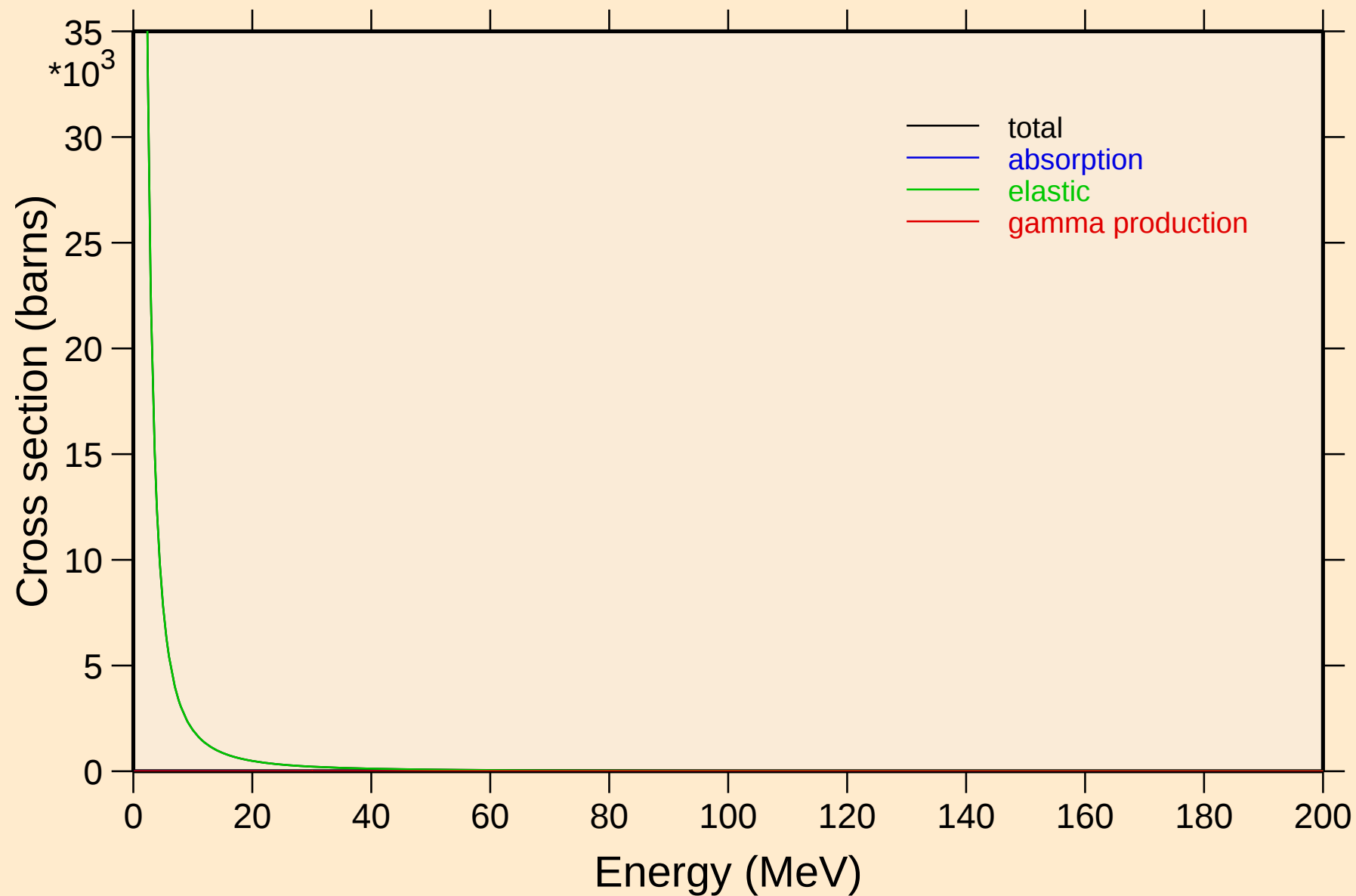
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



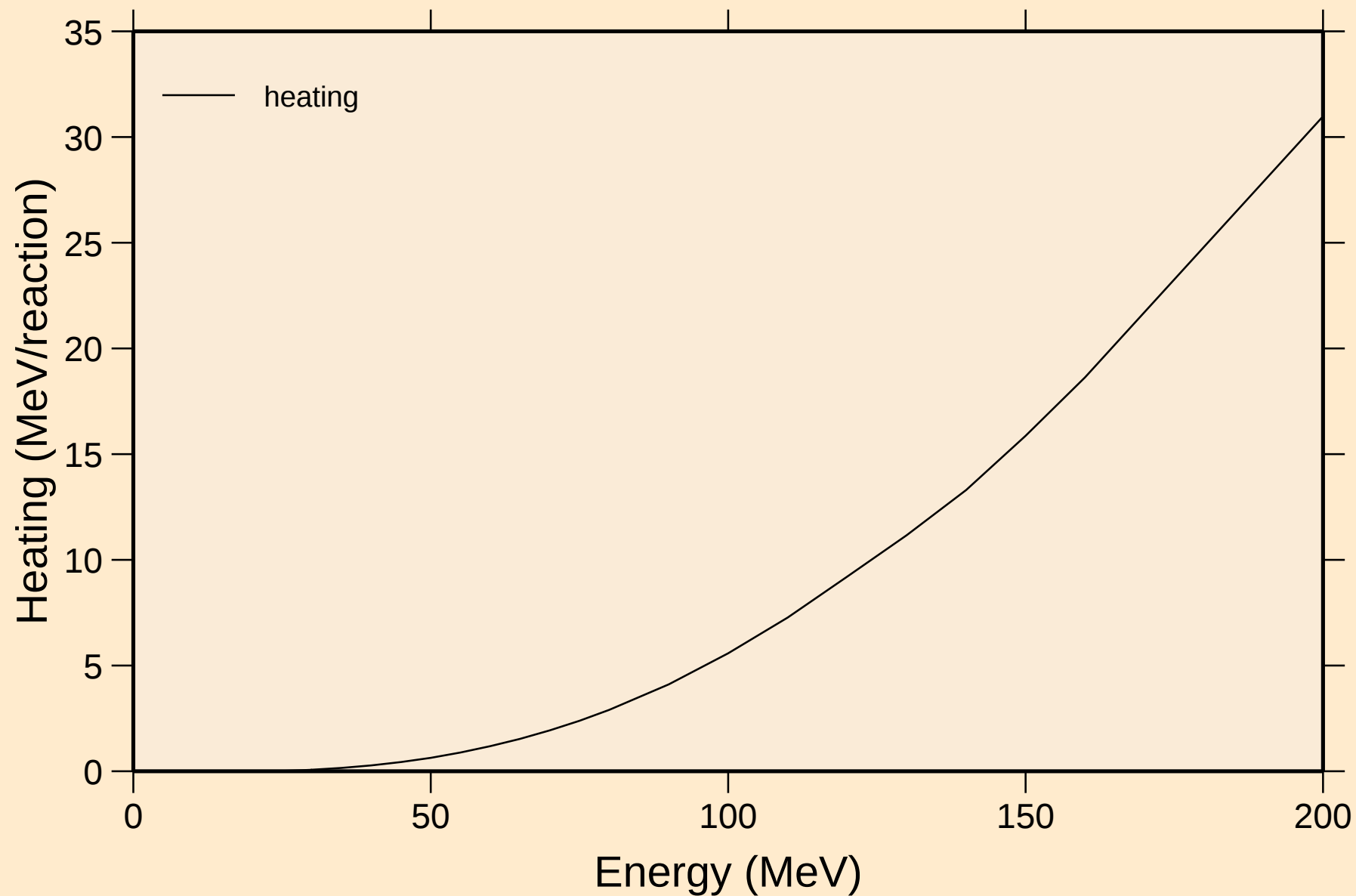
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



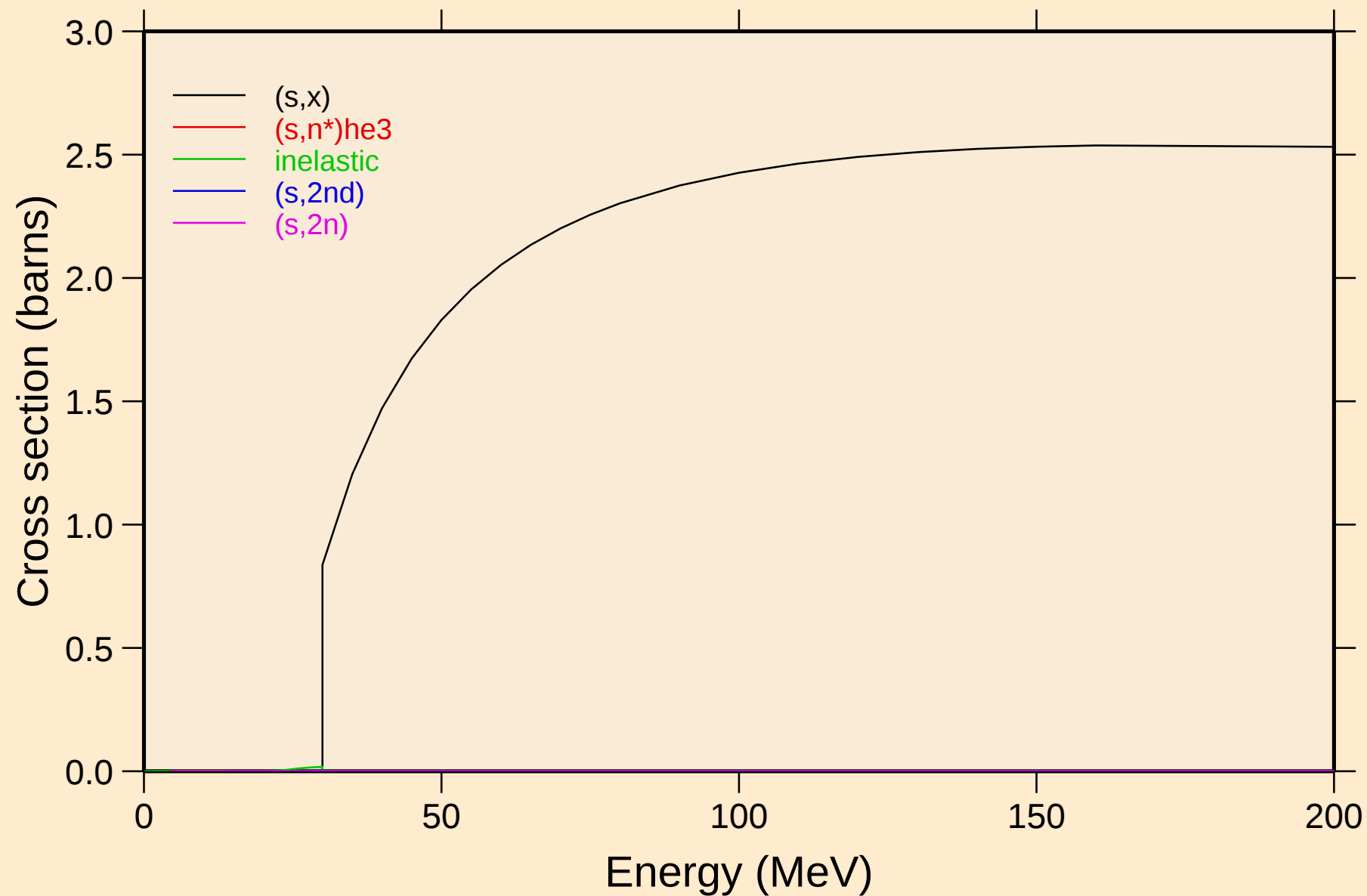
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



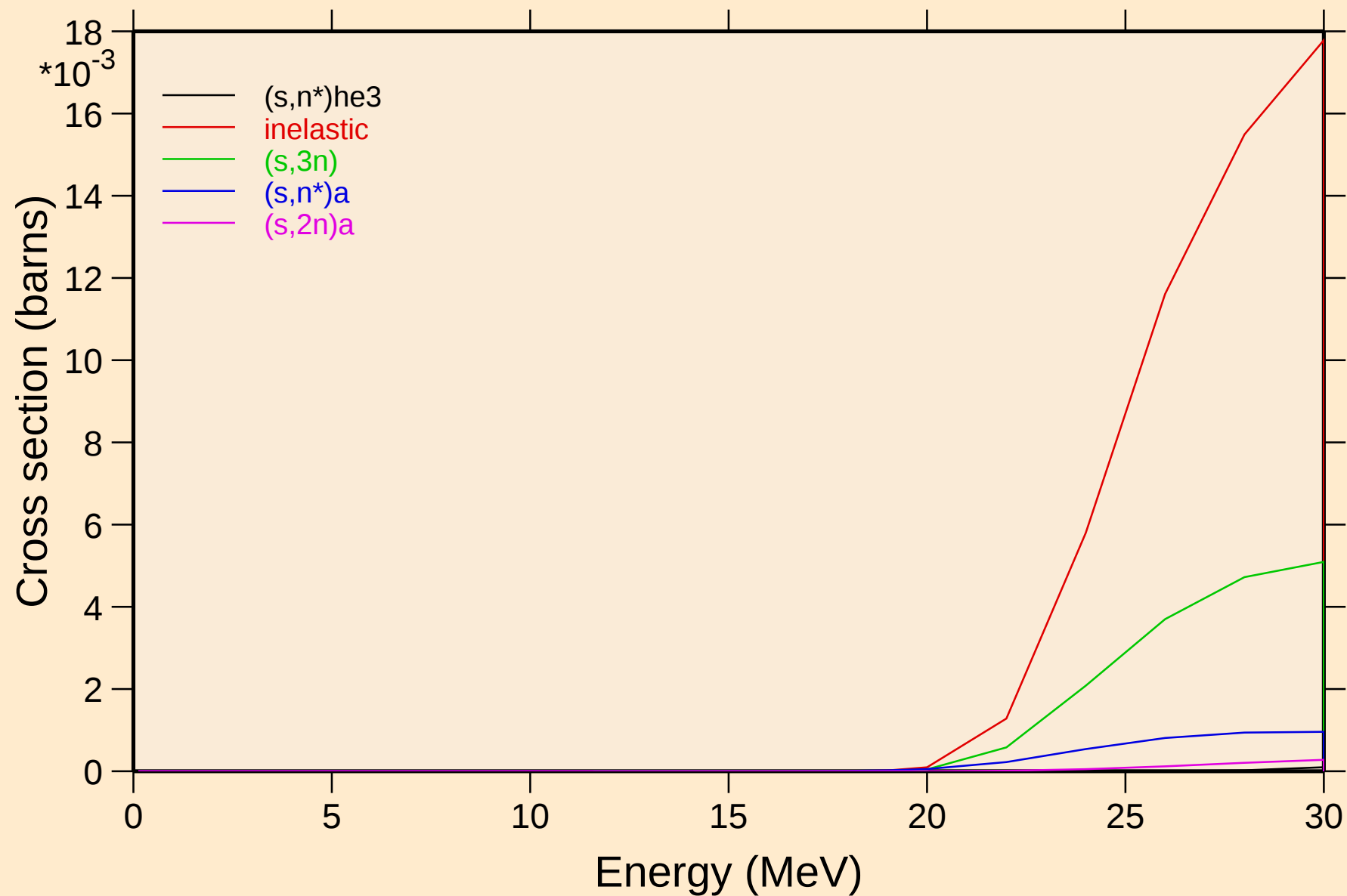
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



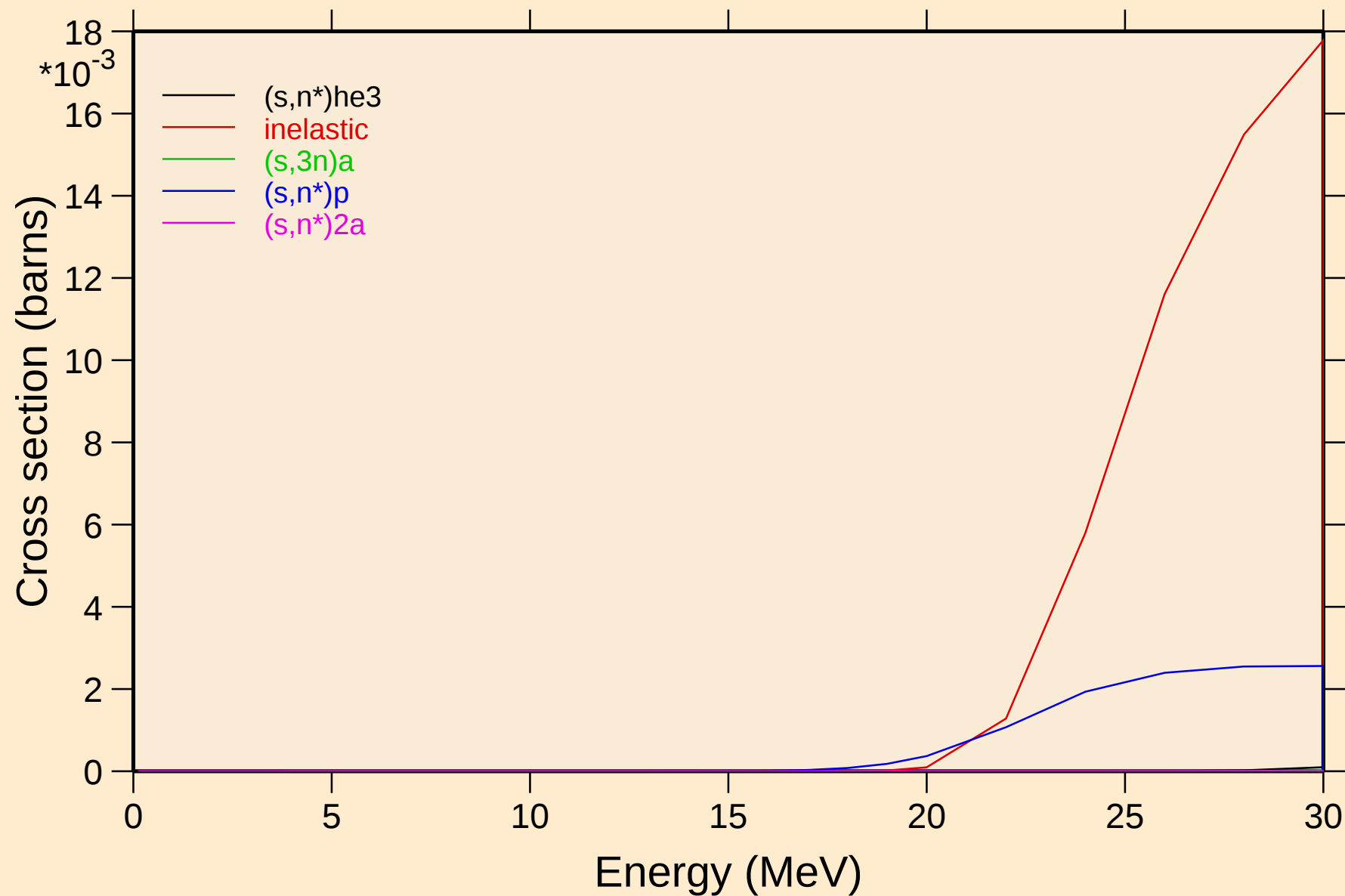
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



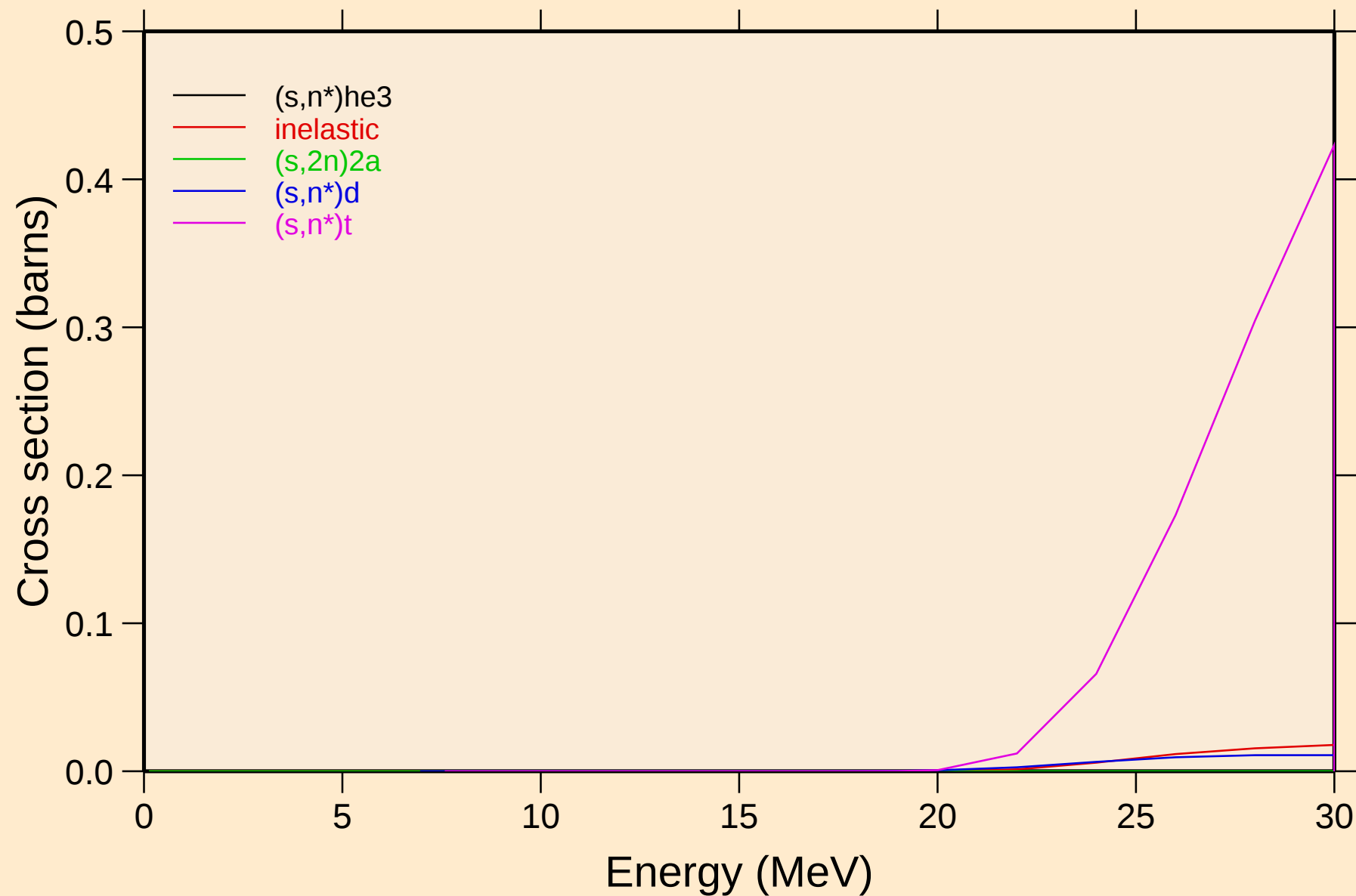
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



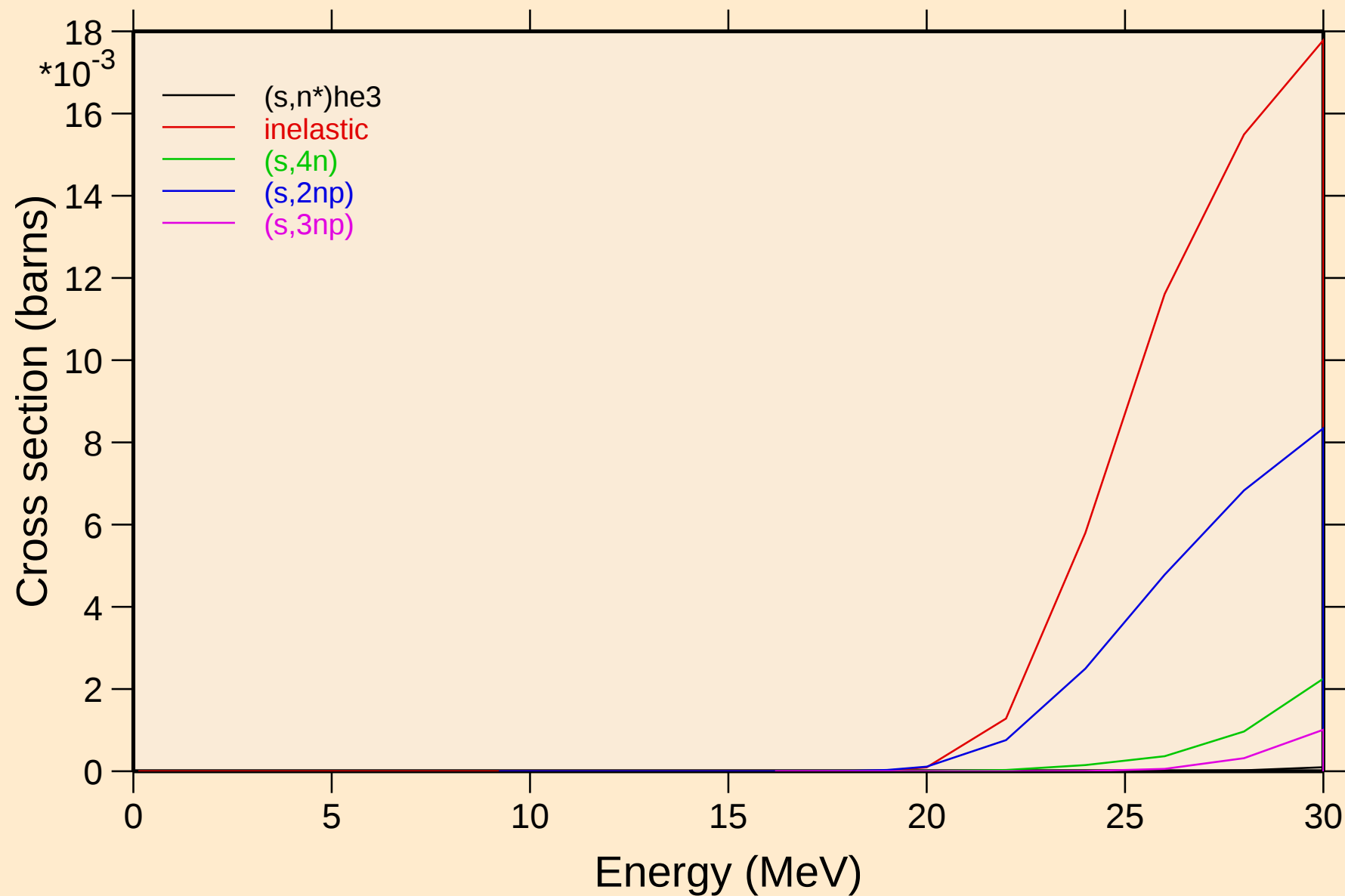
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



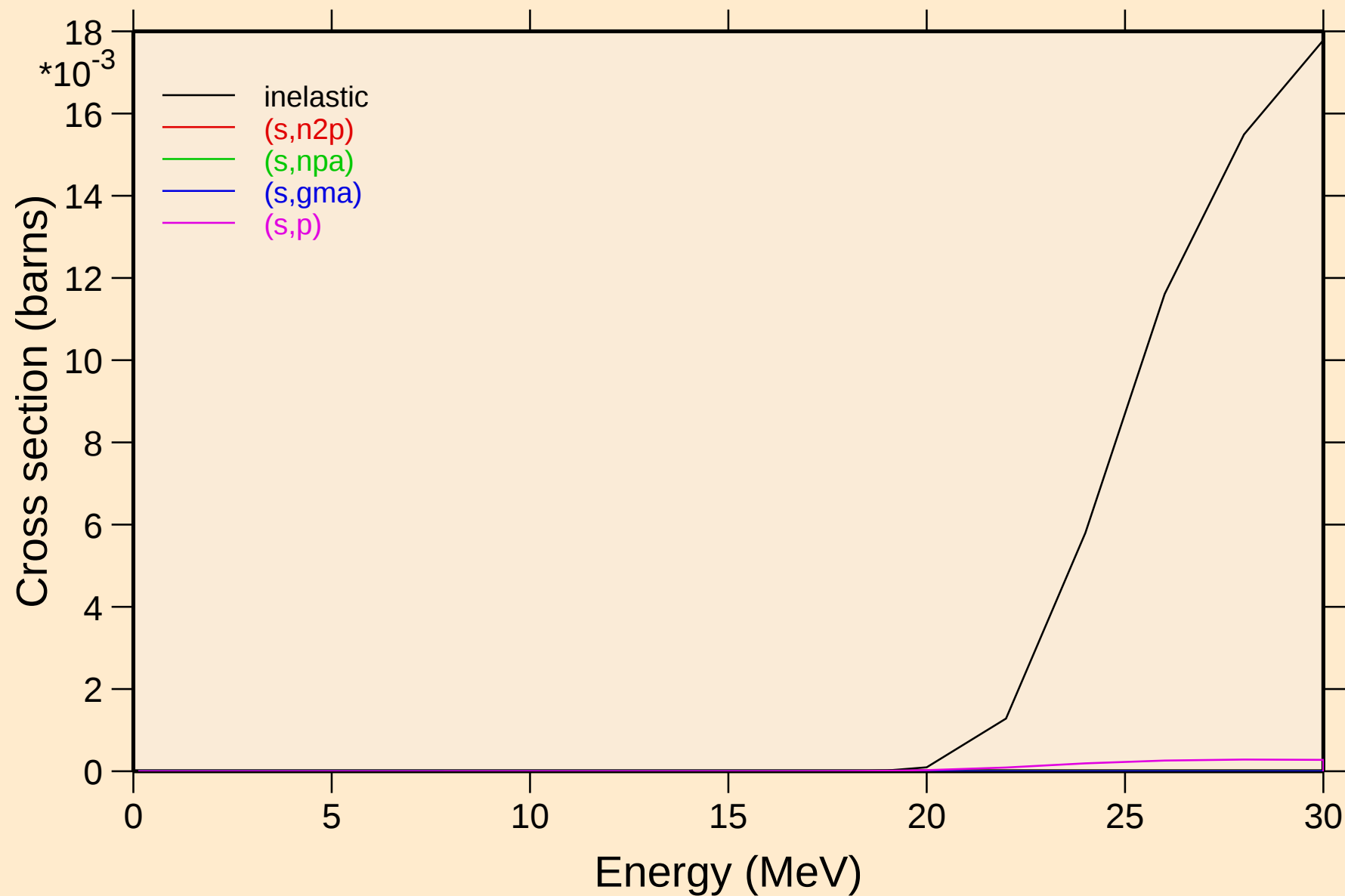
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



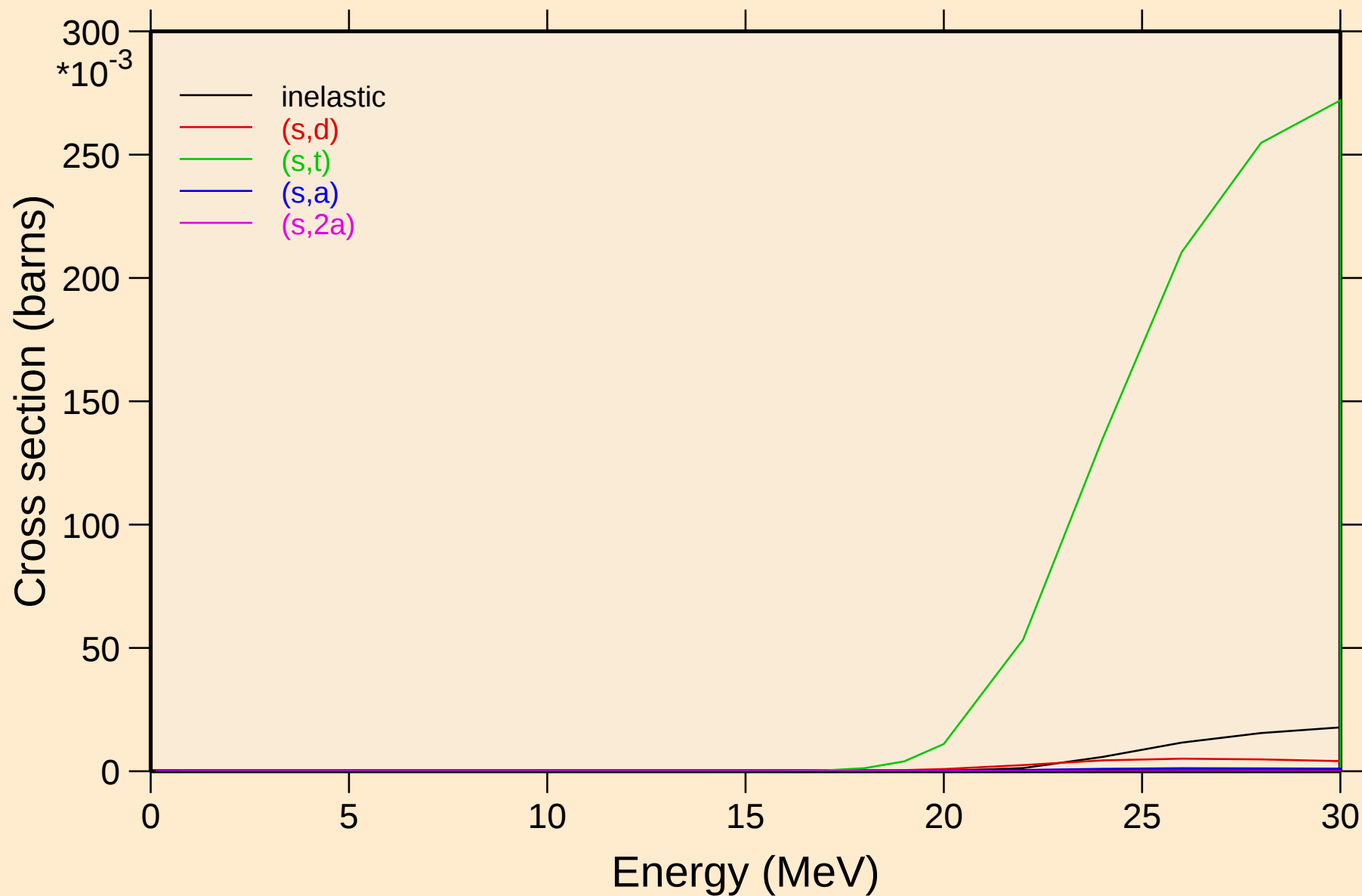
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



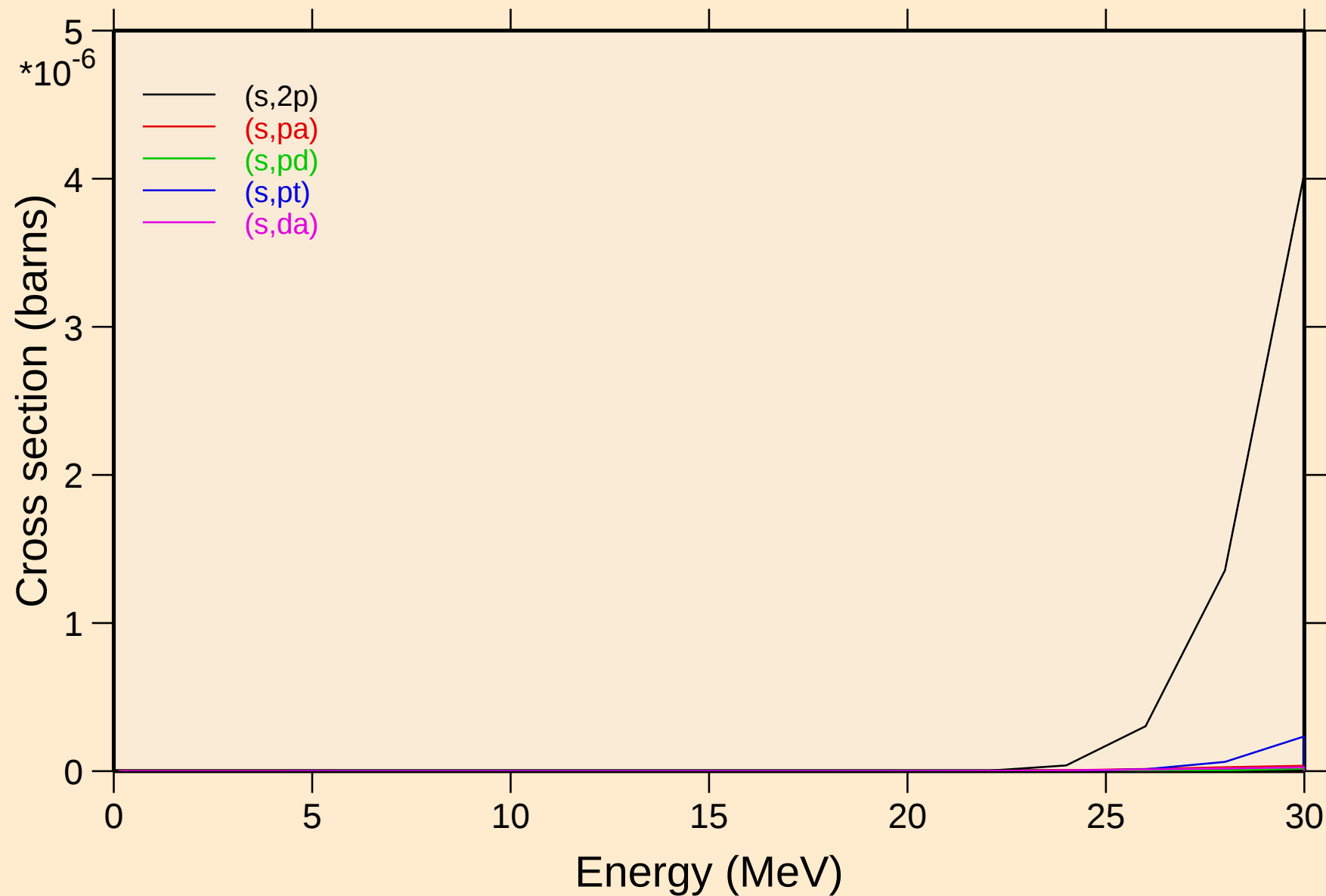
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

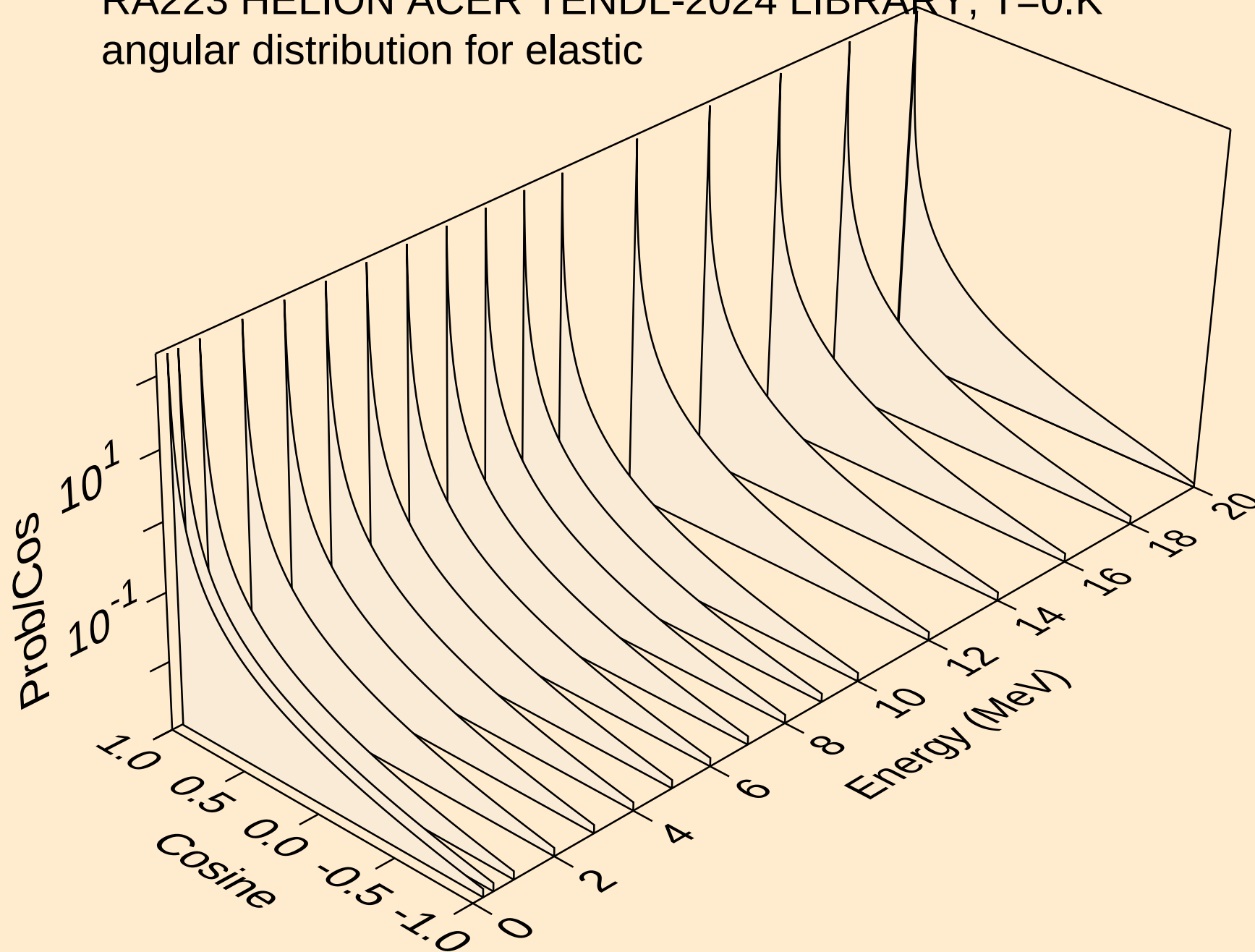


# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

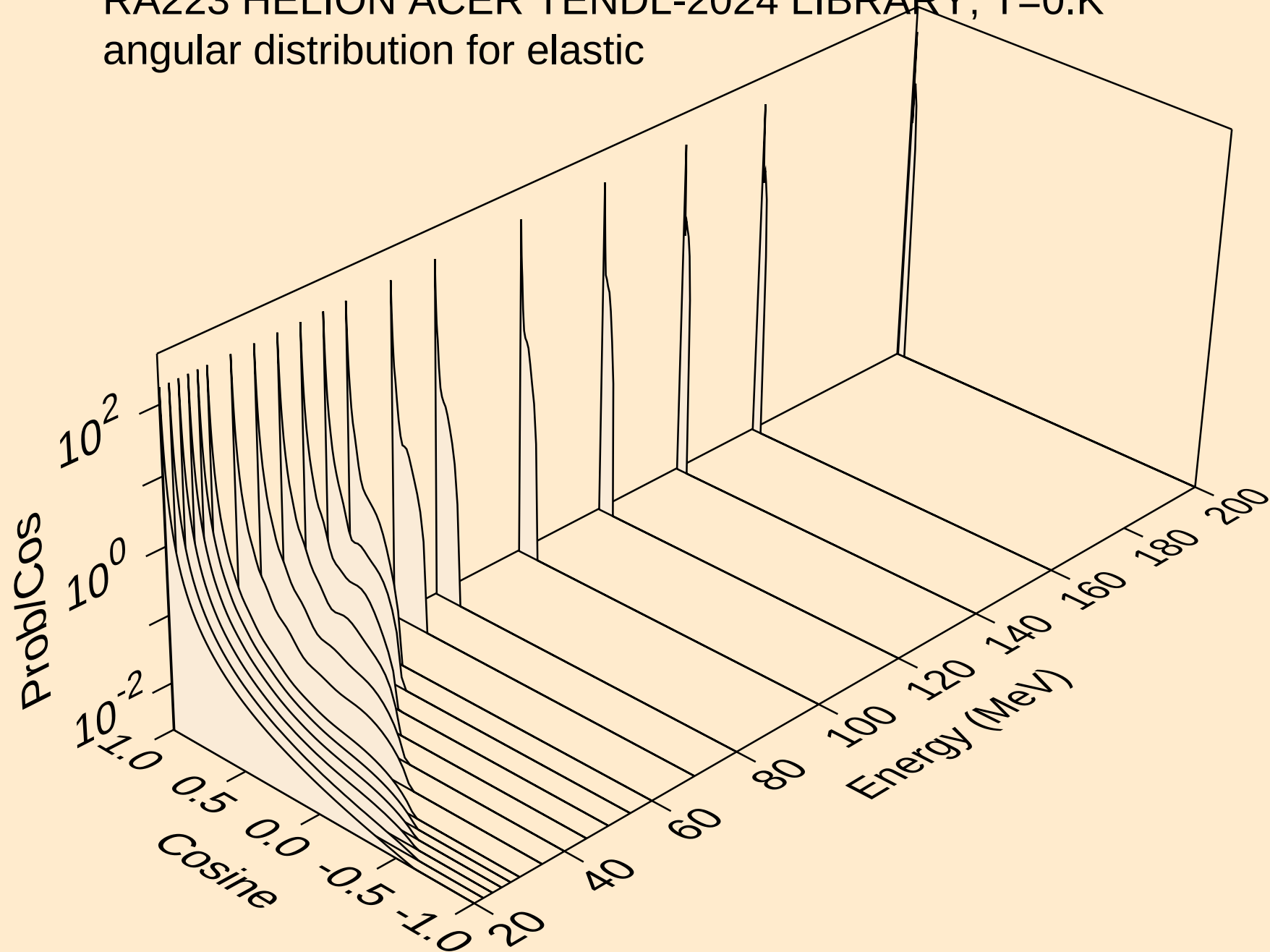
Threshold reactions



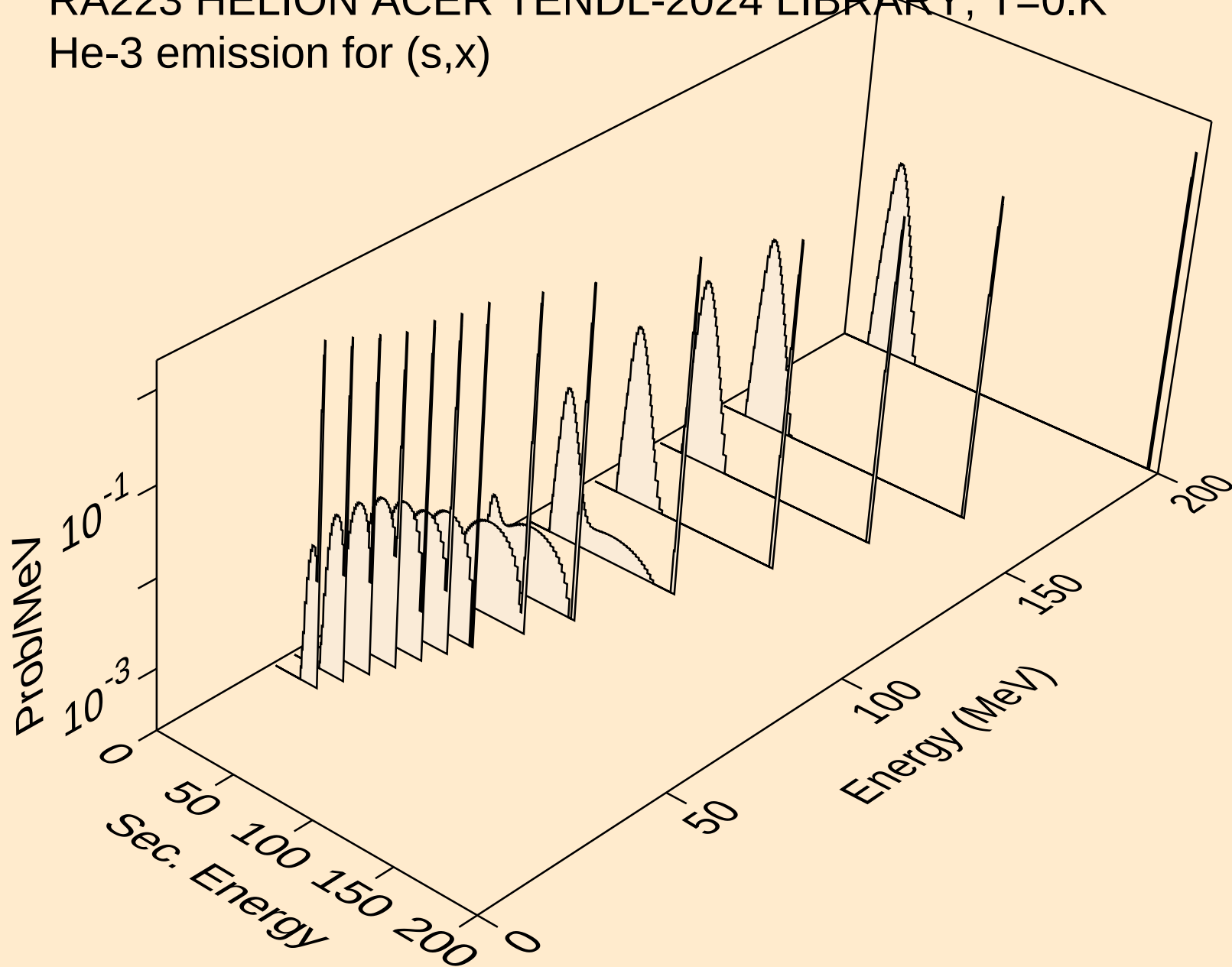
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

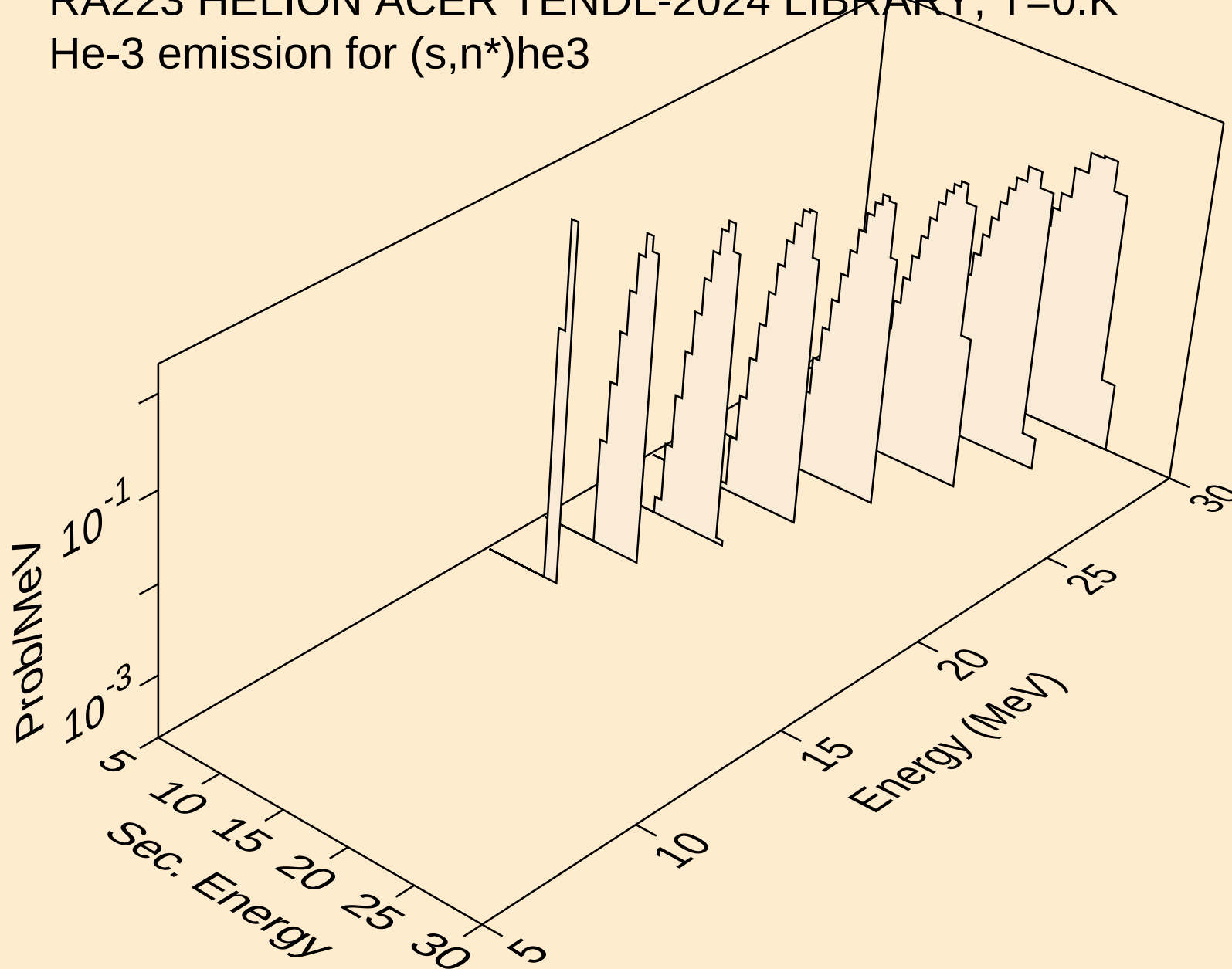


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

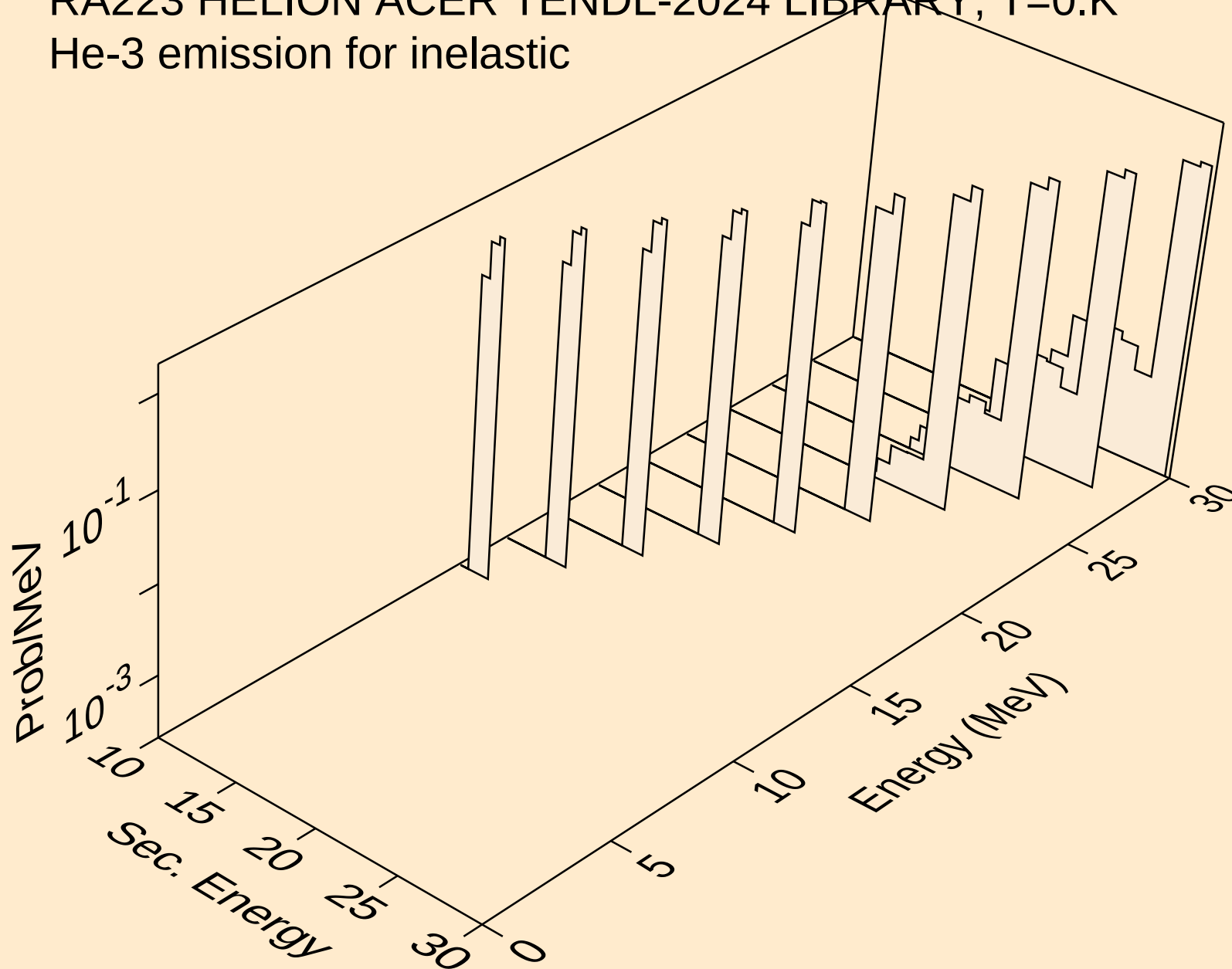


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

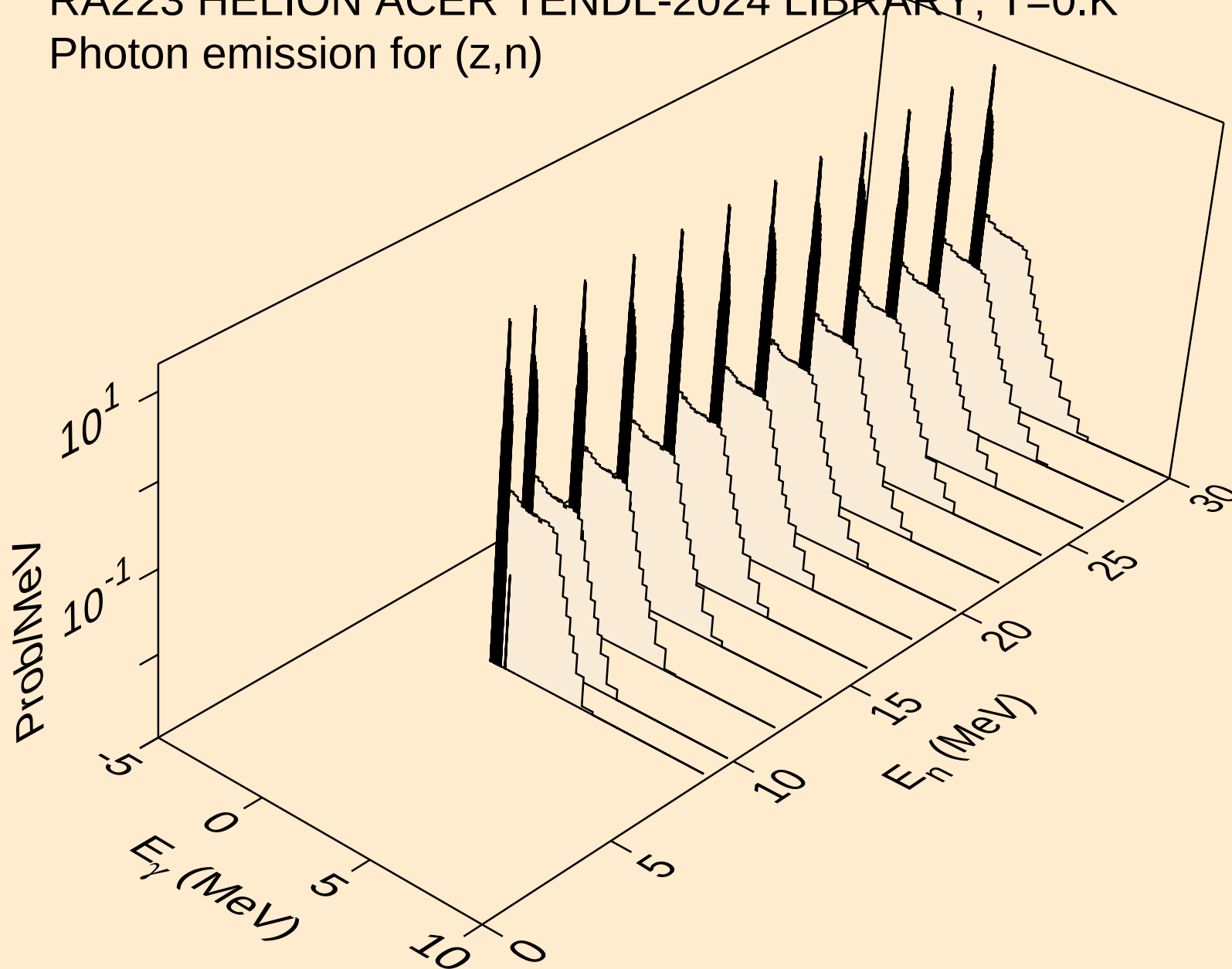
He-3 emission for (s,n\*)he3



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

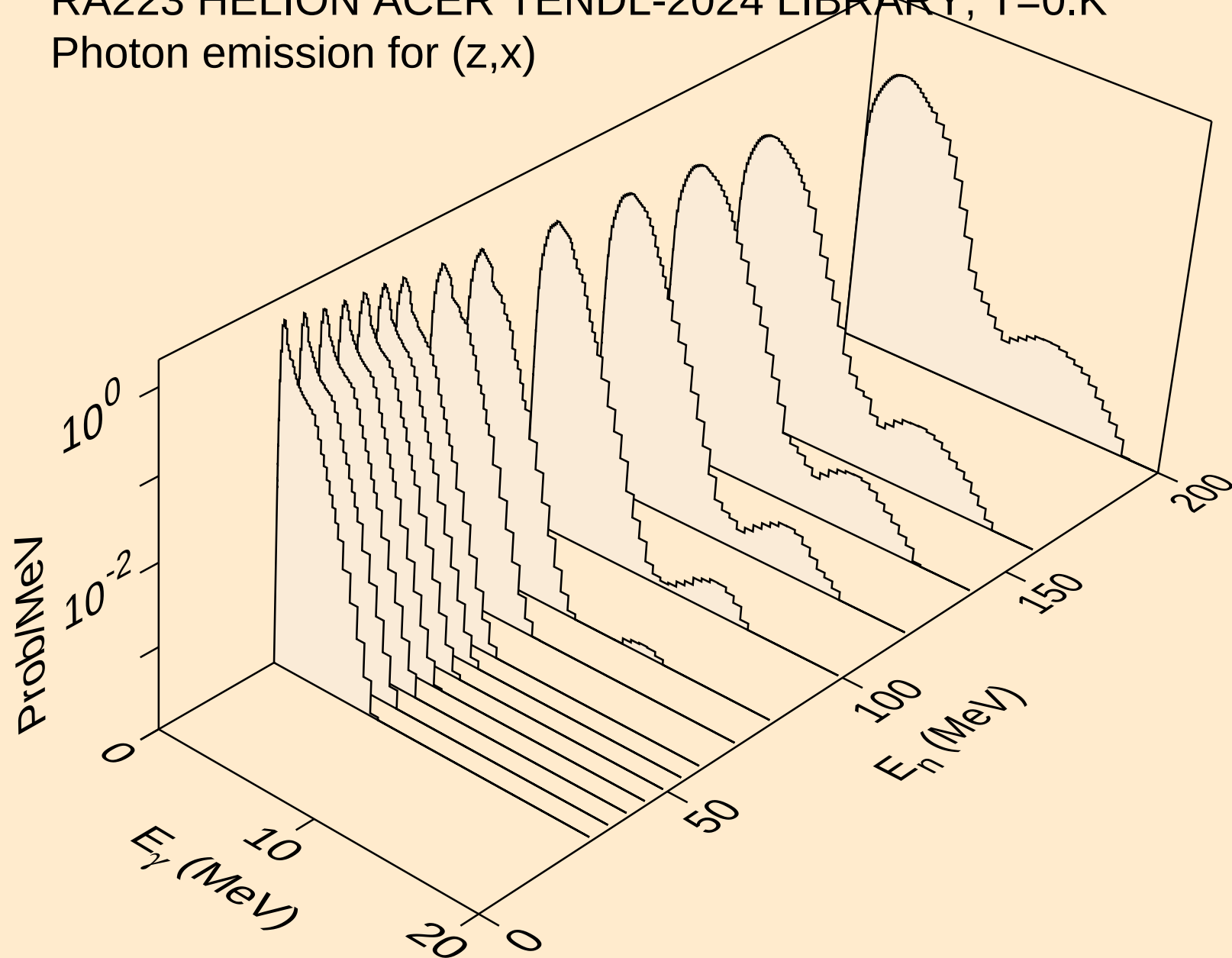


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

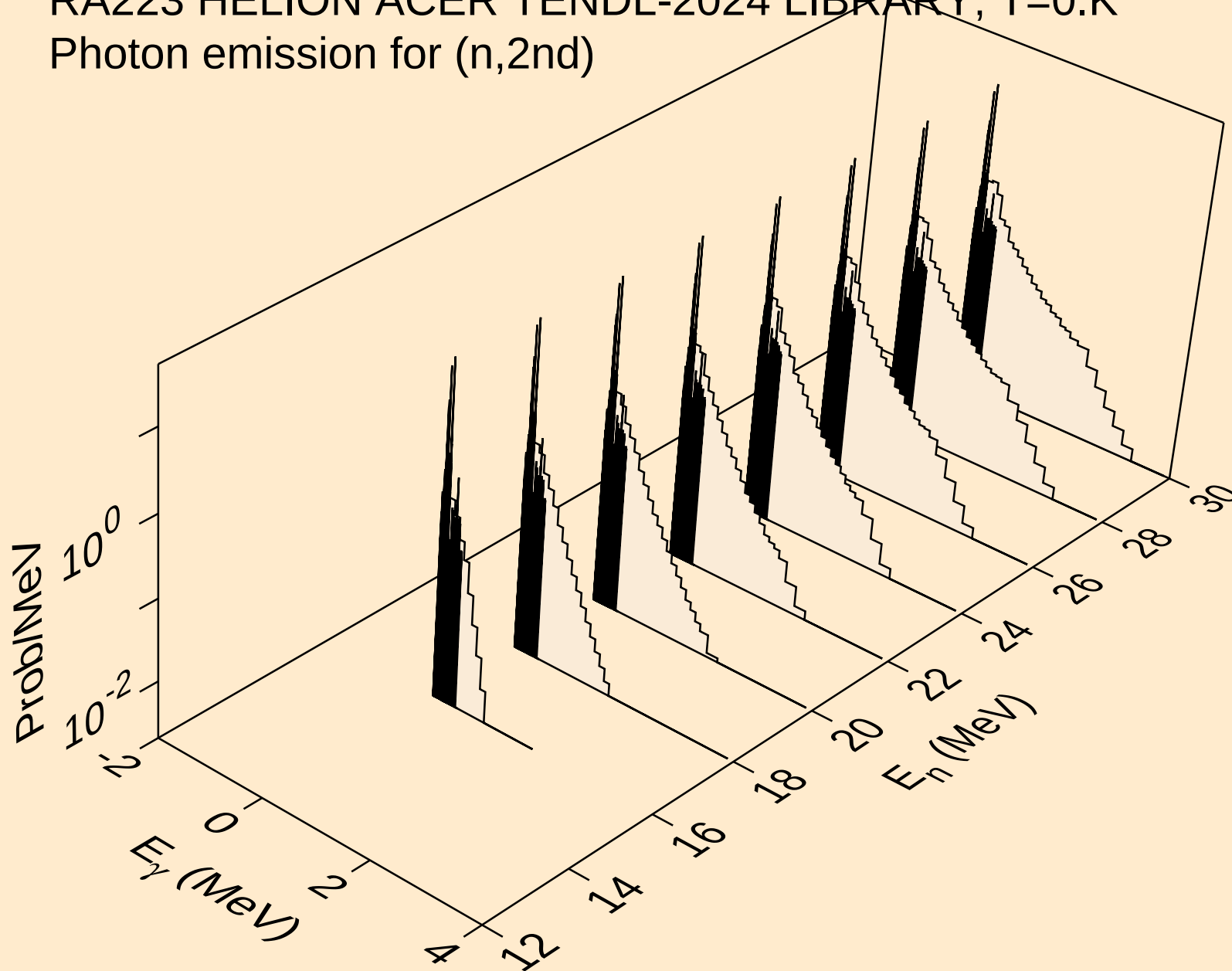


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

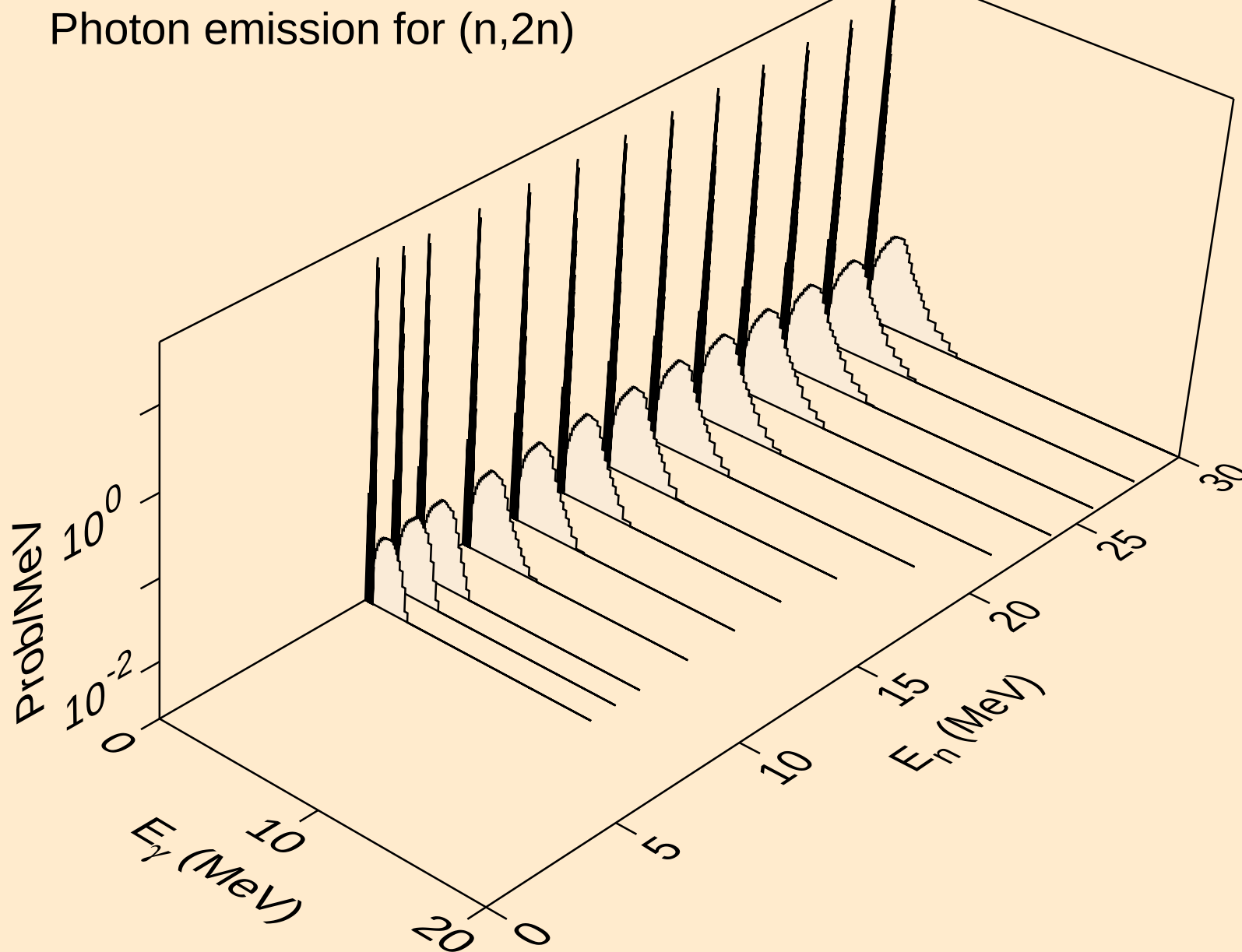
Photon emission for (z,x)



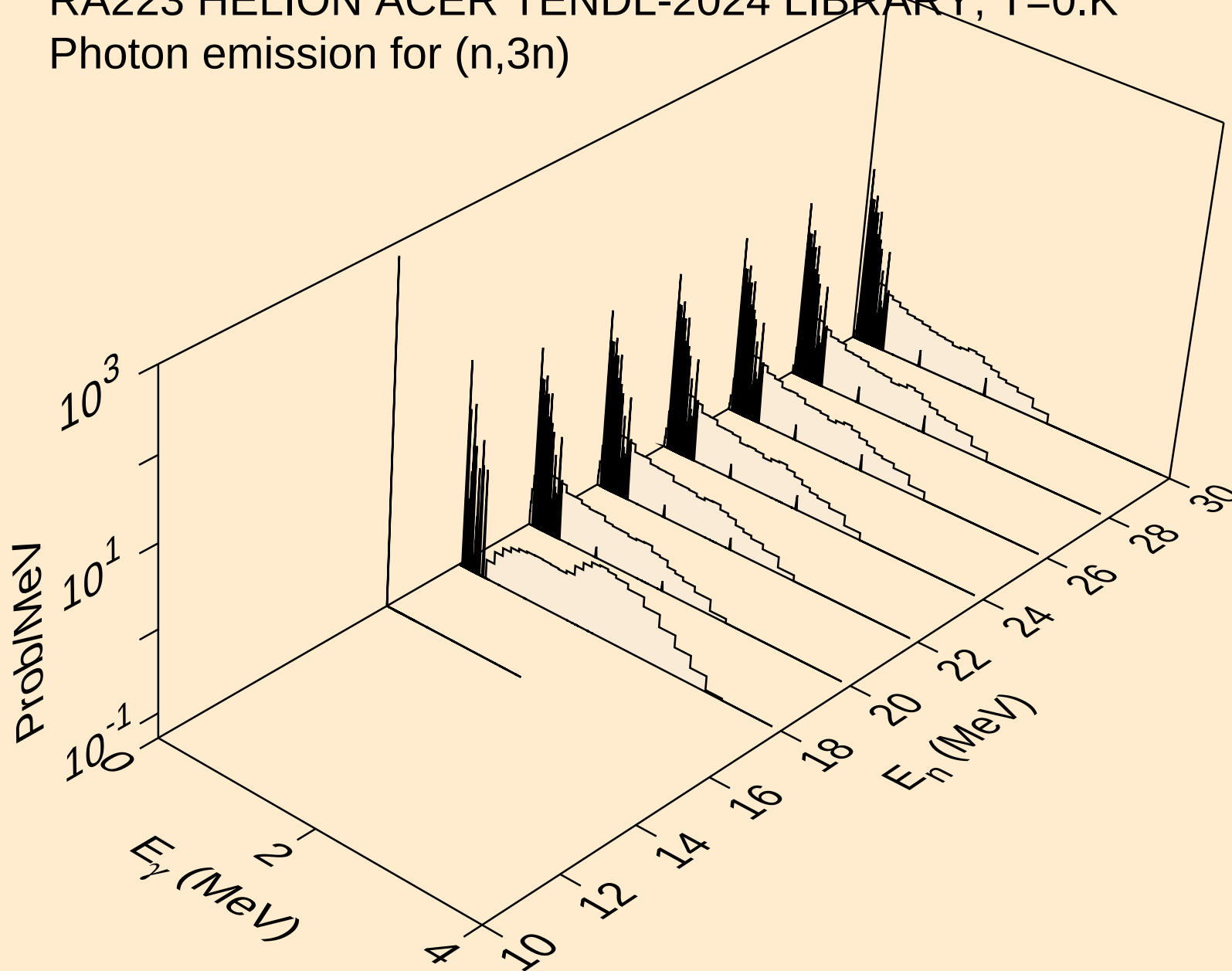
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

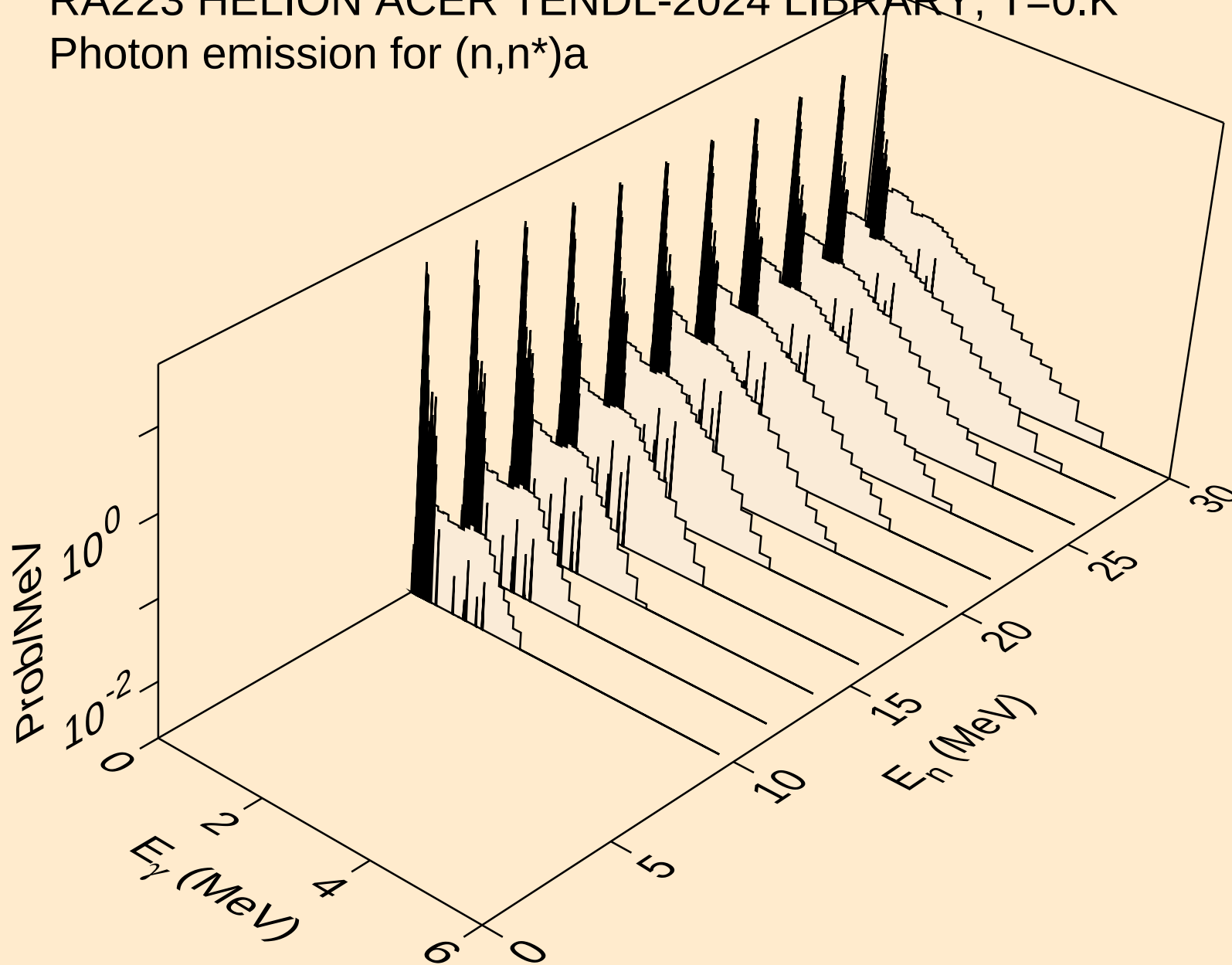


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



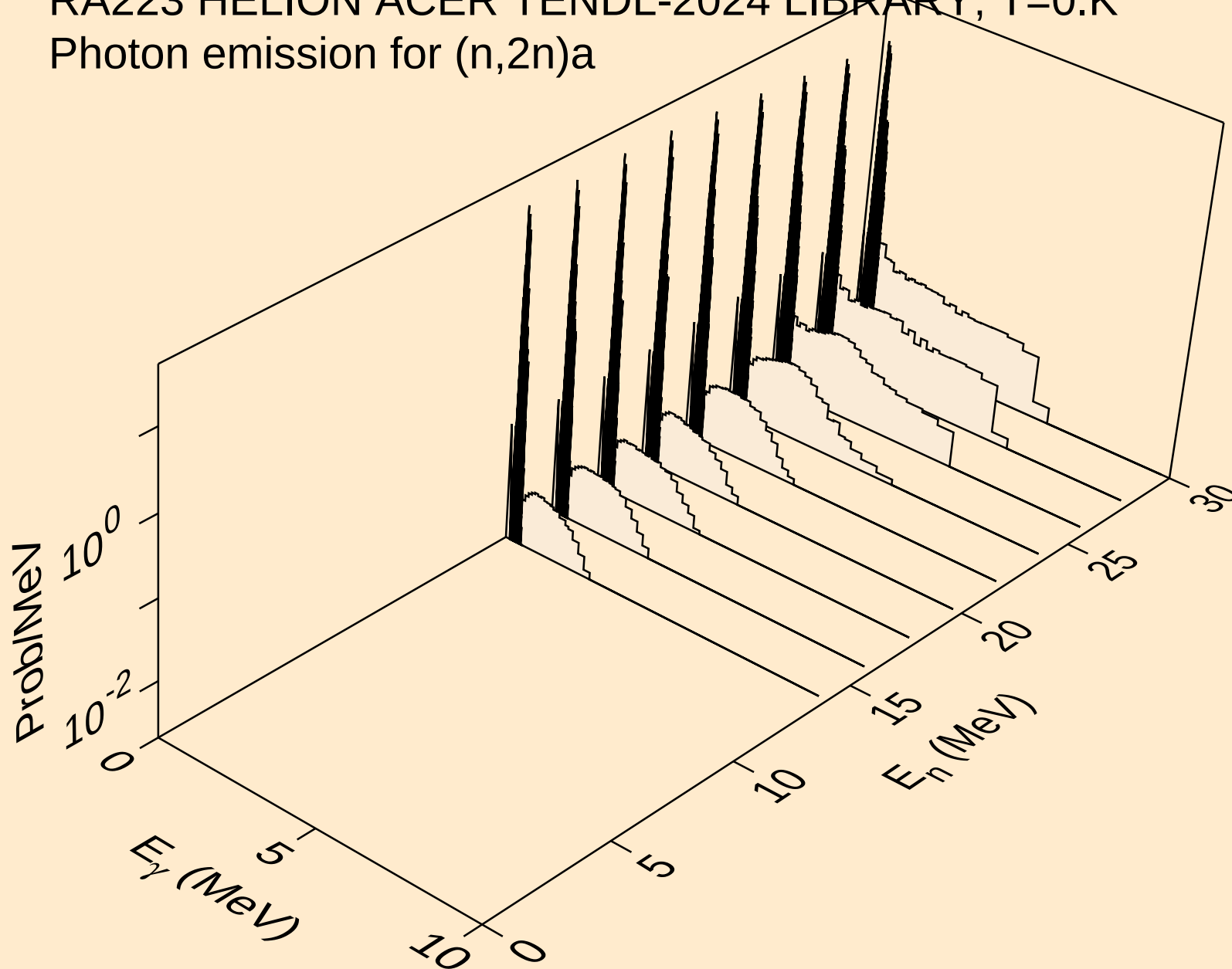
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



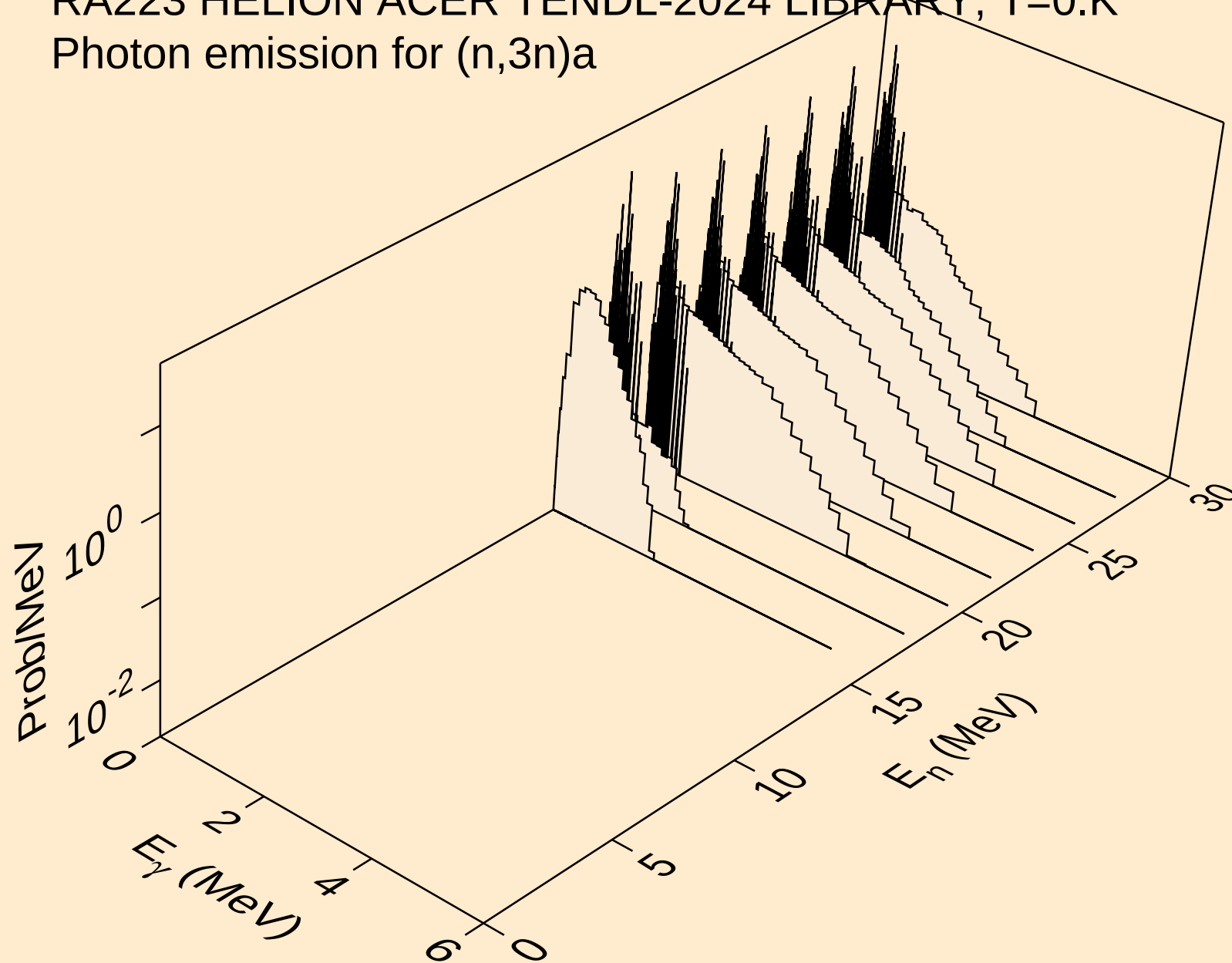
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



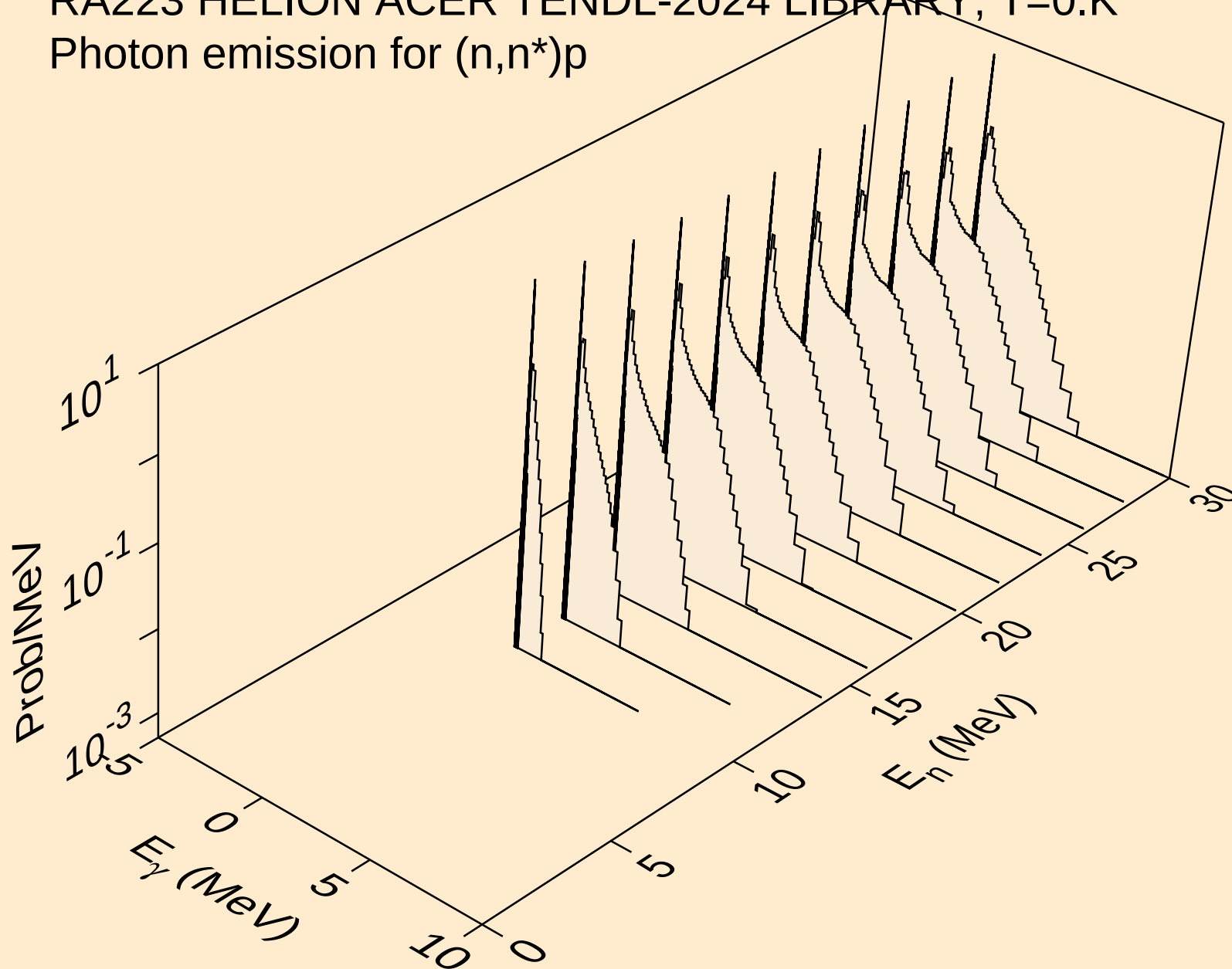
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$



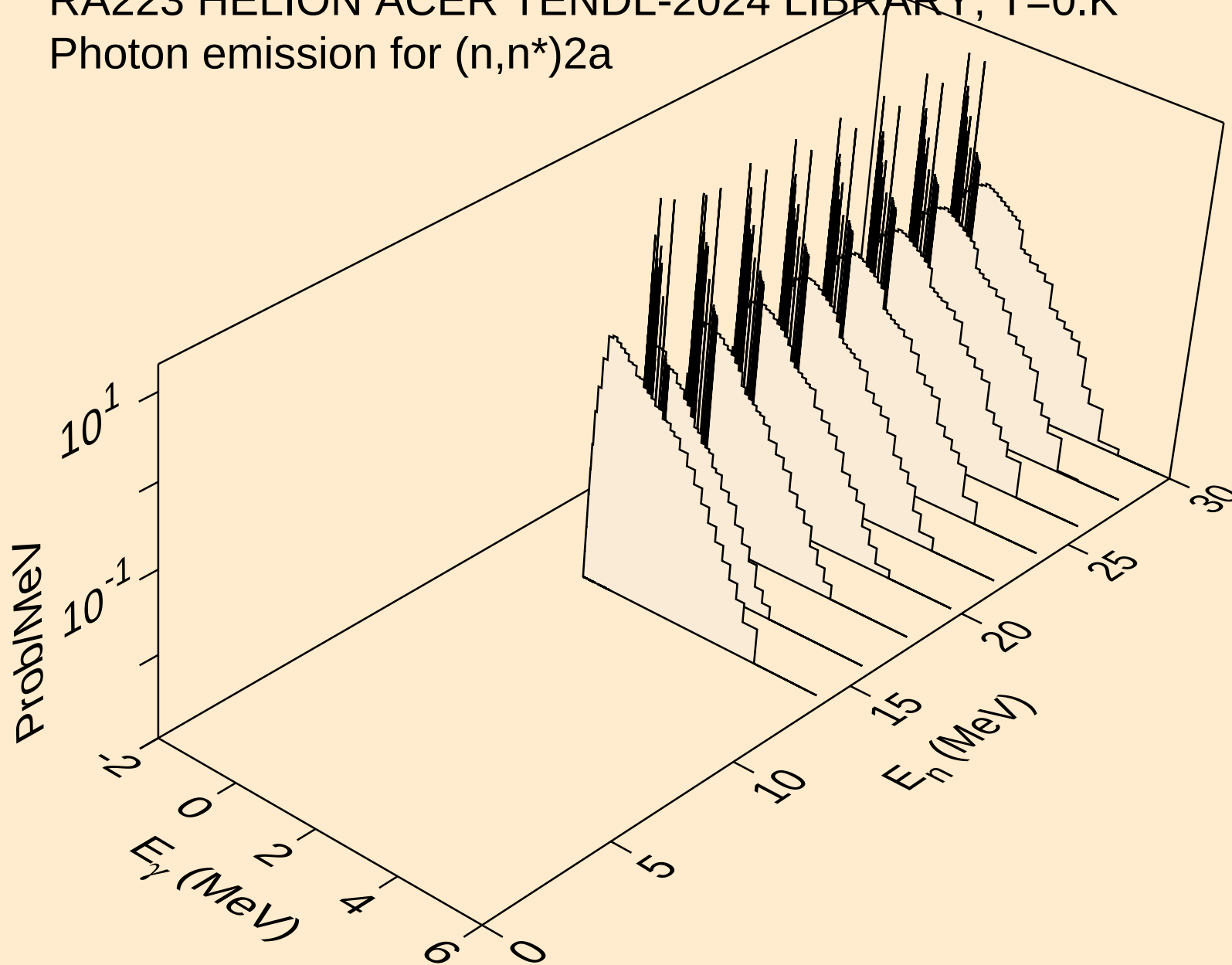
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



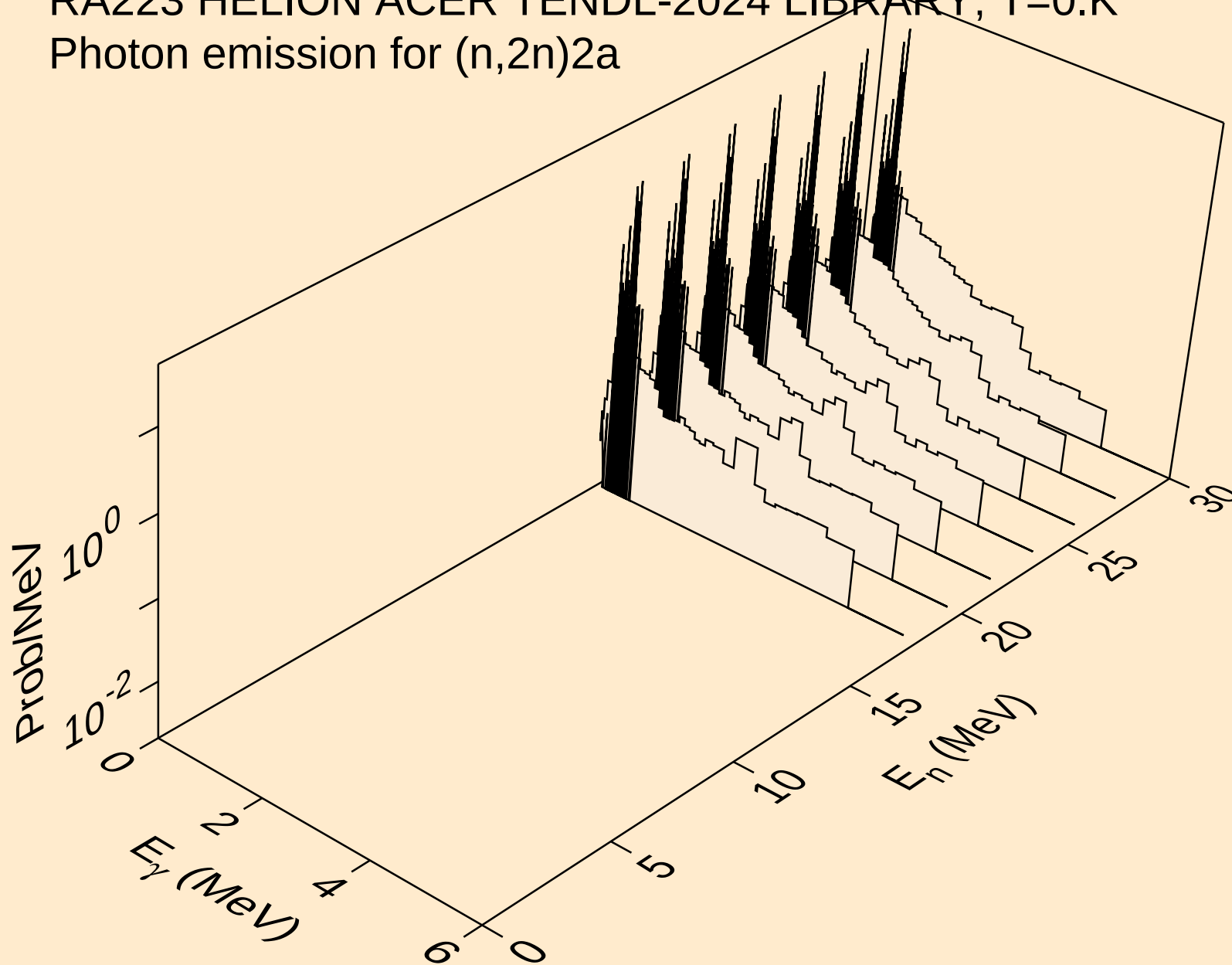
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



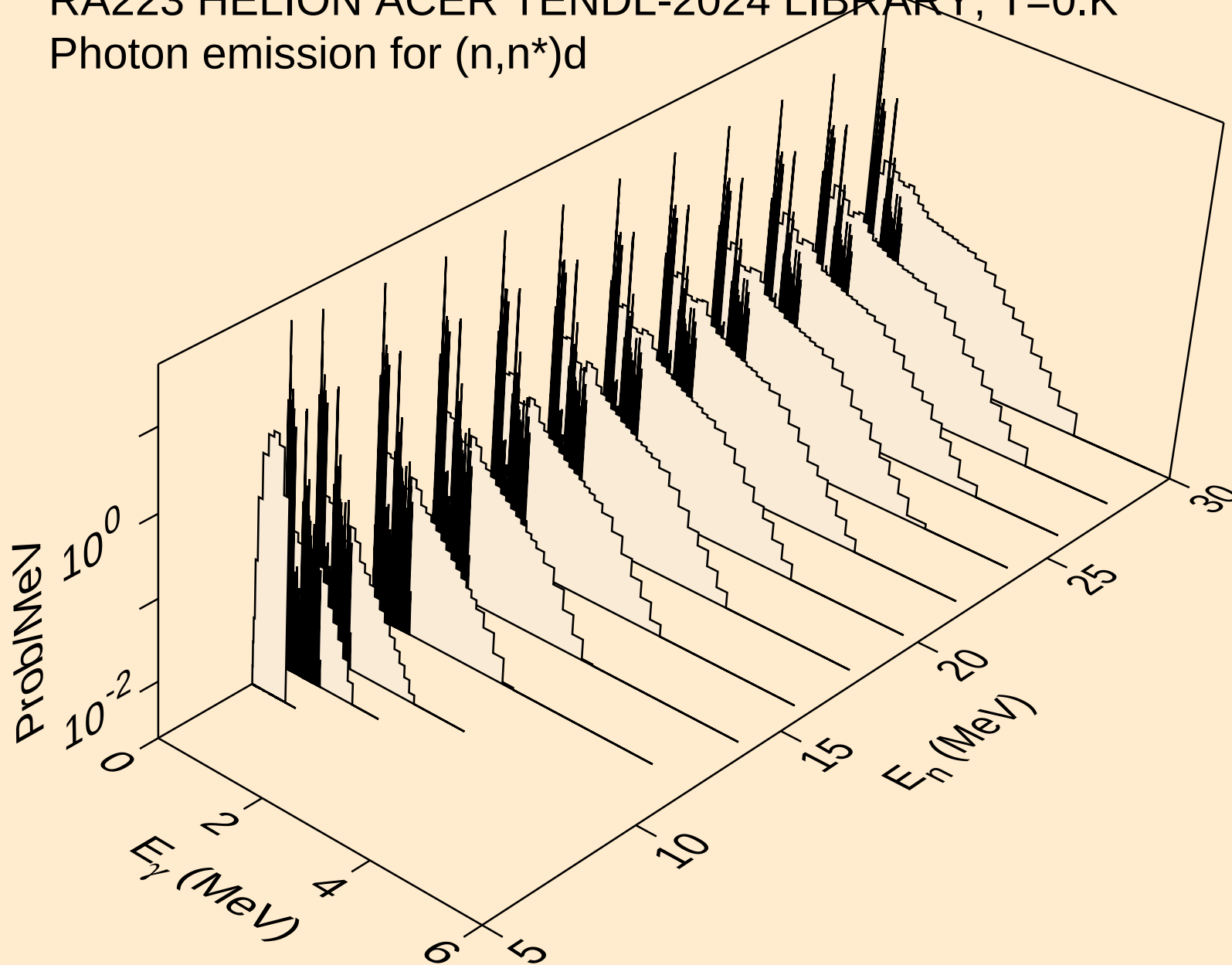
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a



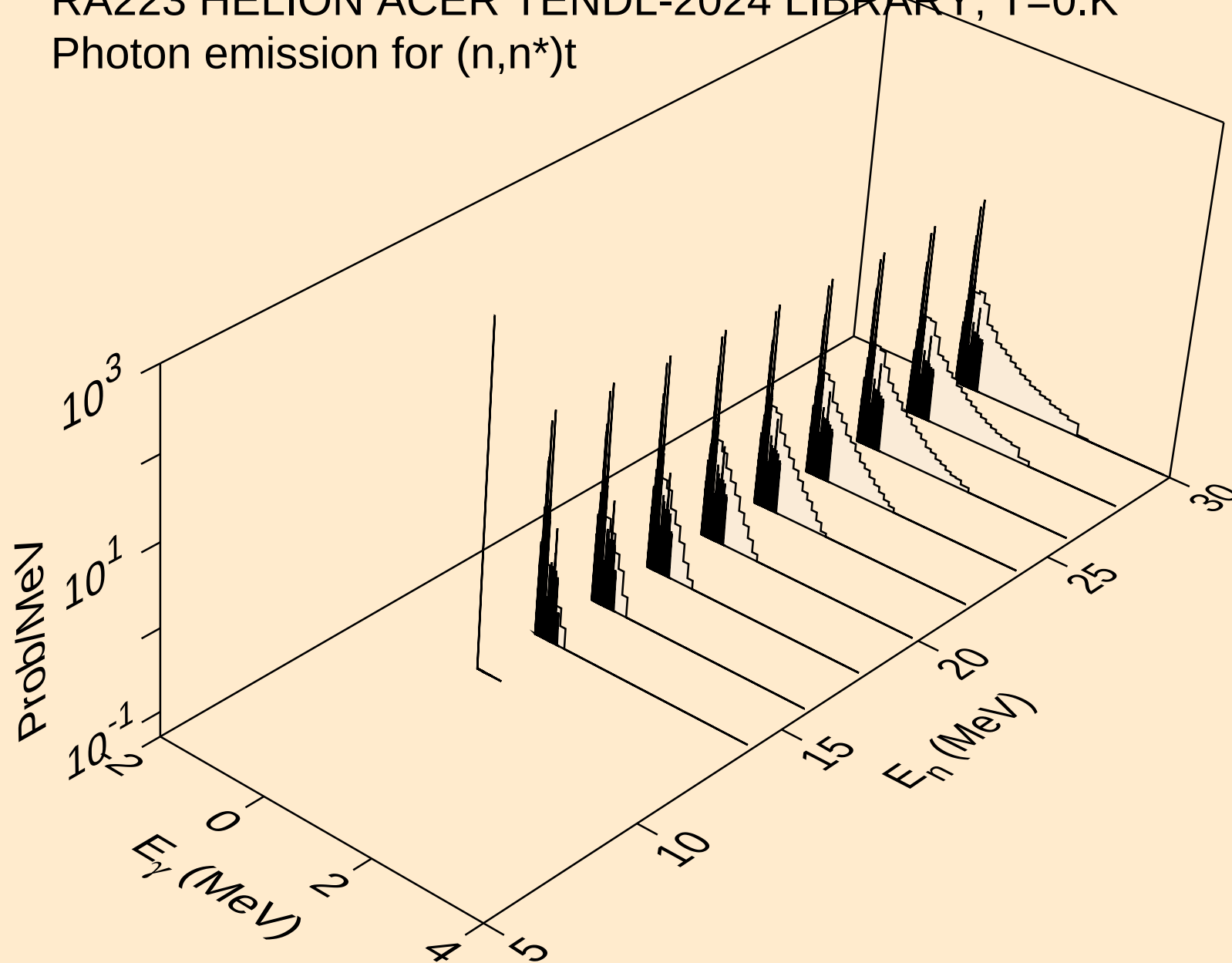
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



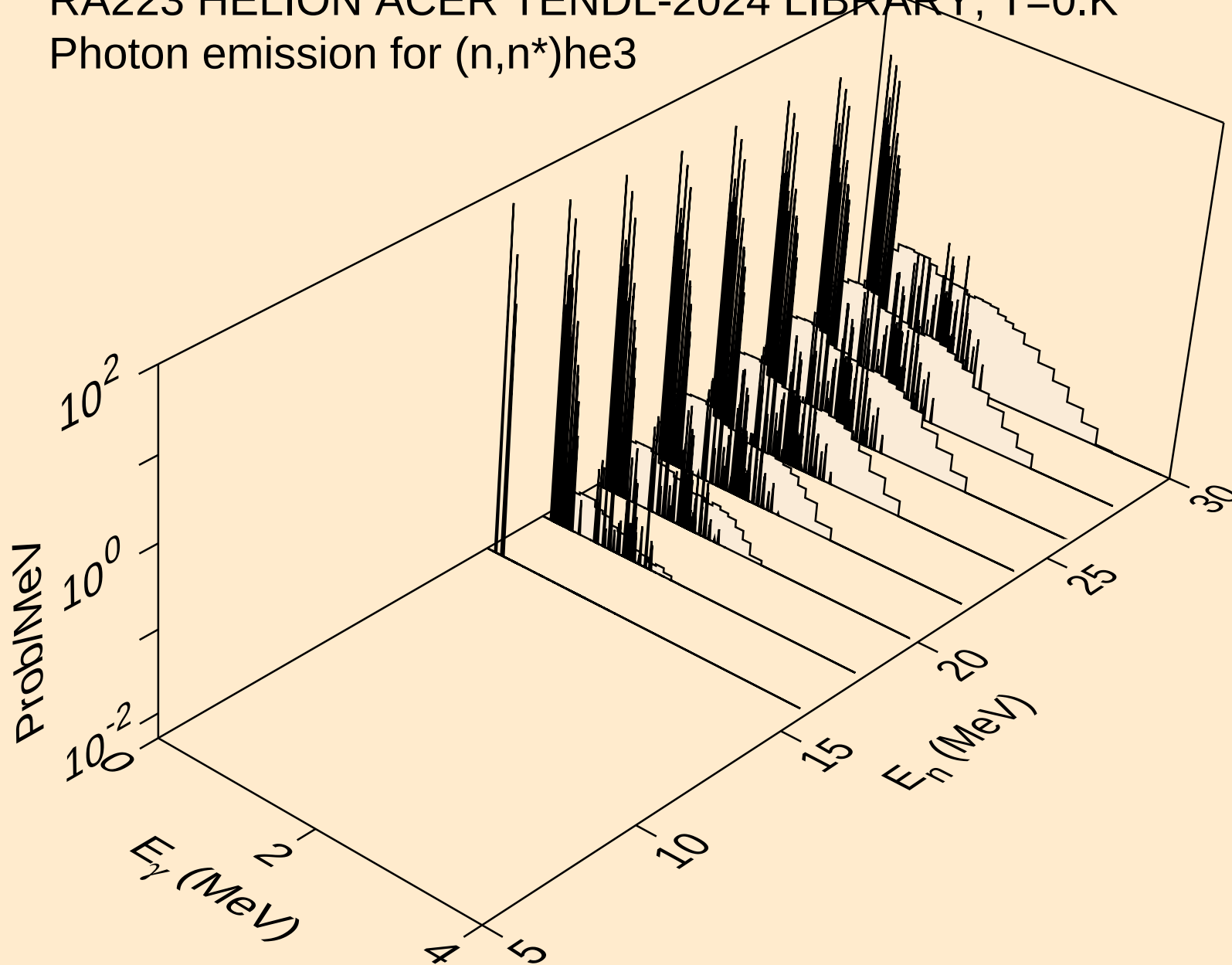
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

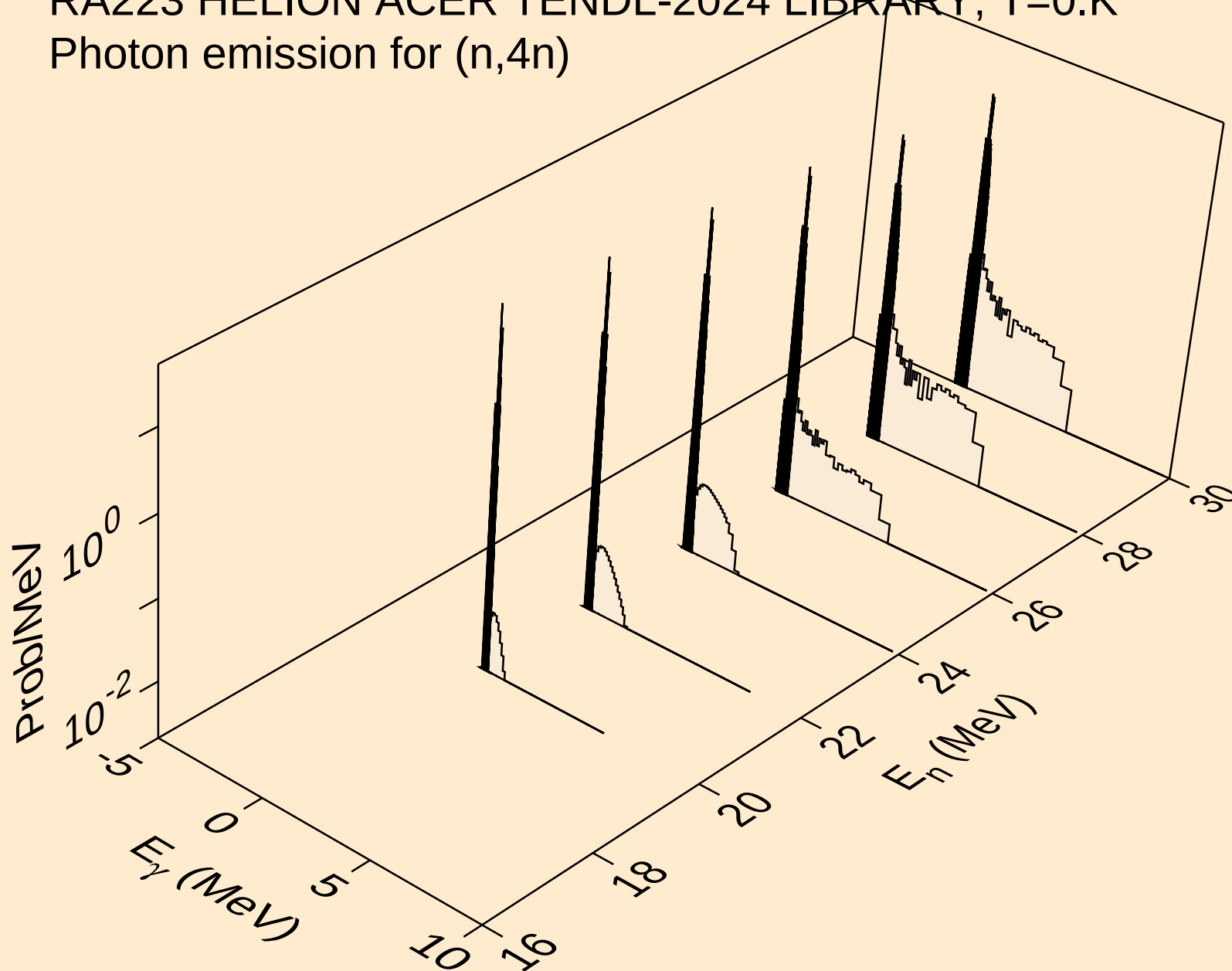


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

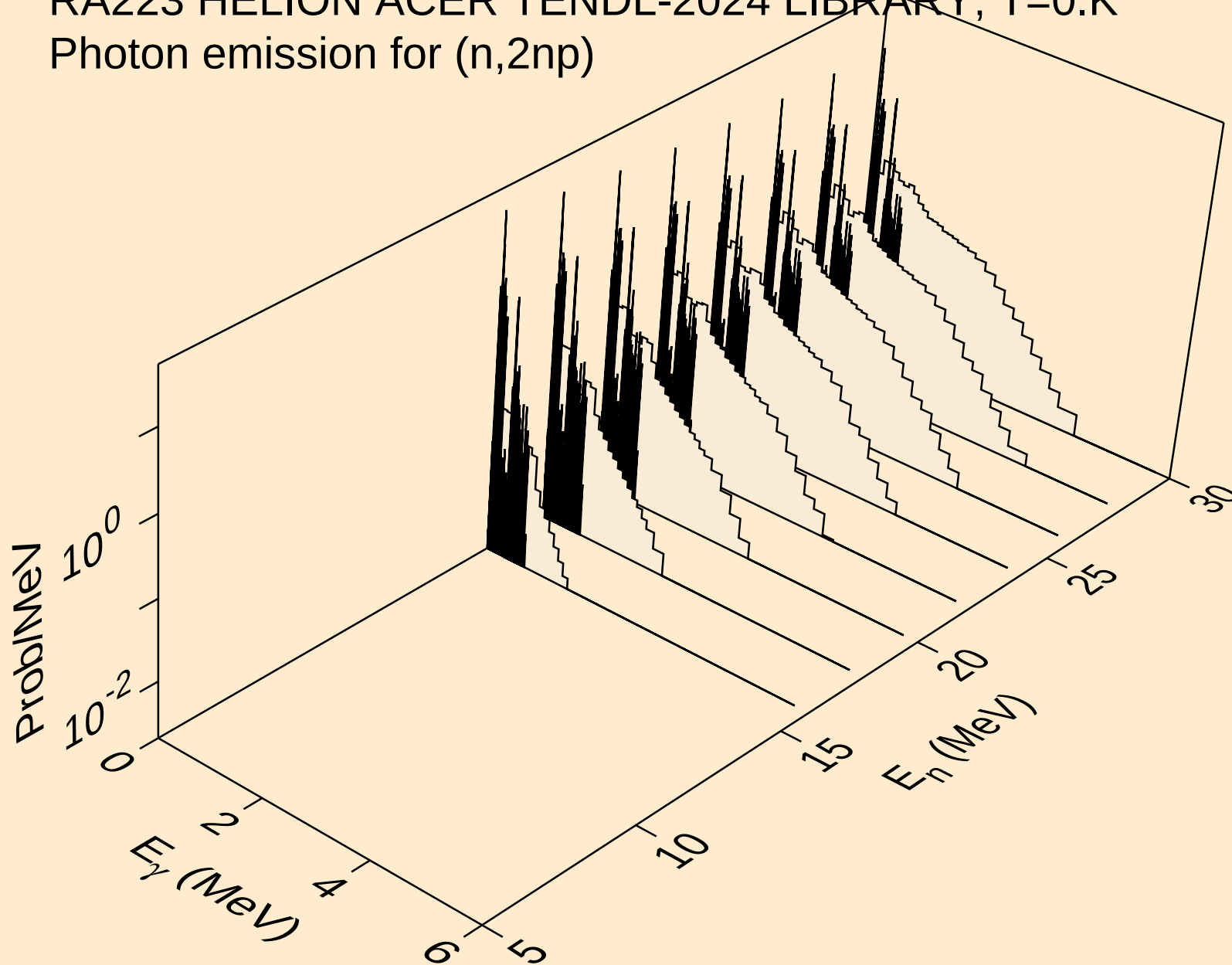
Photon emission for (n,n\*)he3



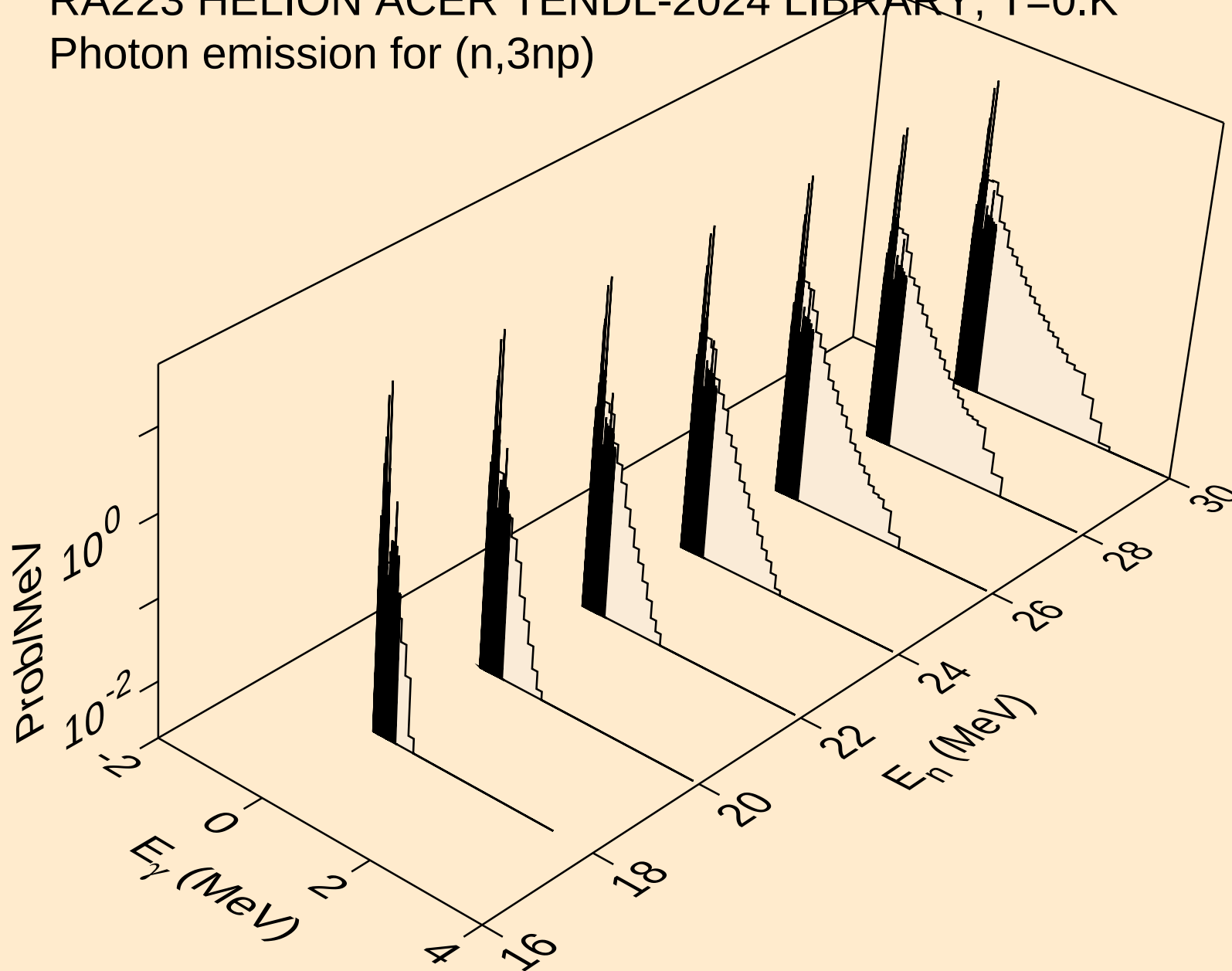
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



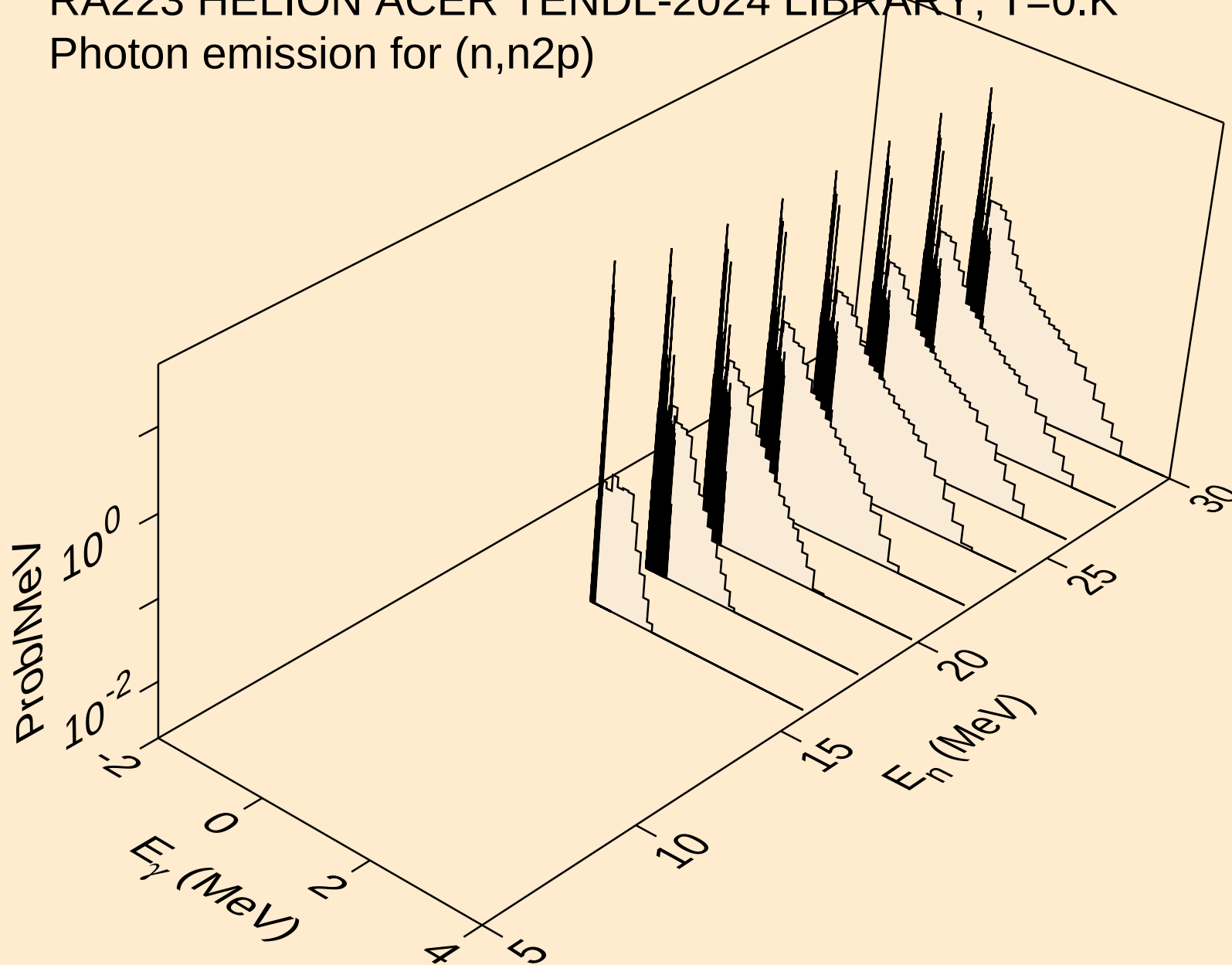
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



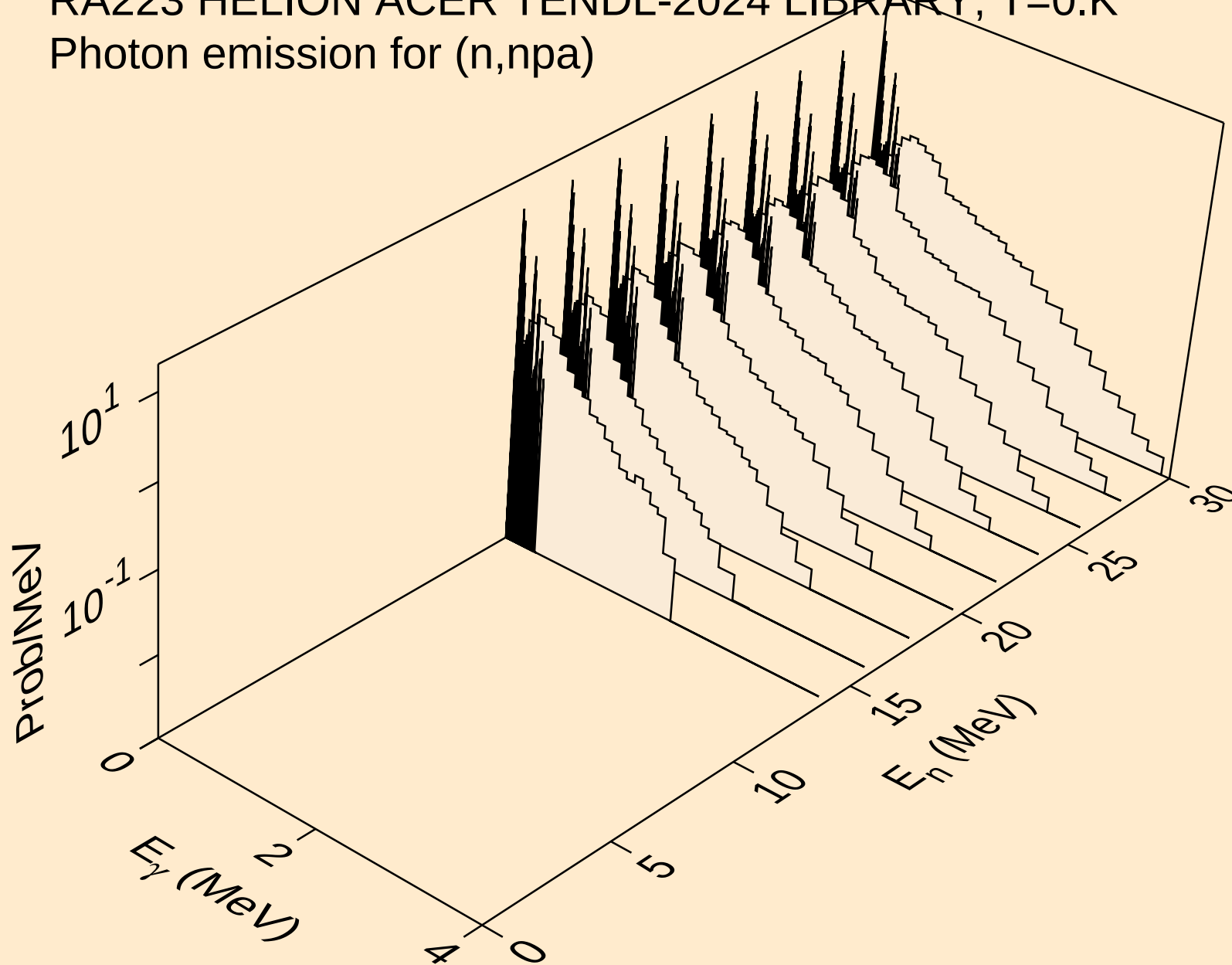
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



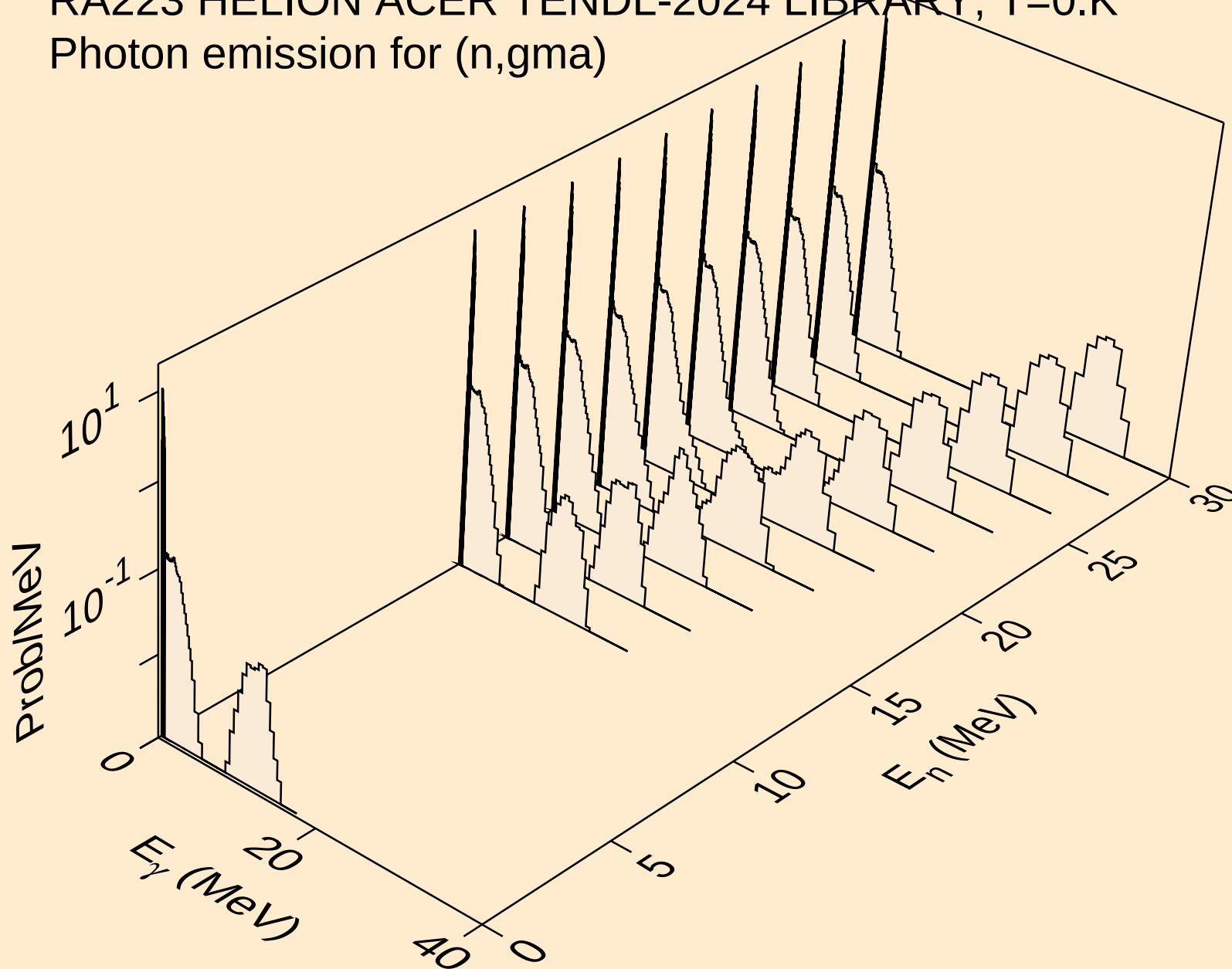
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

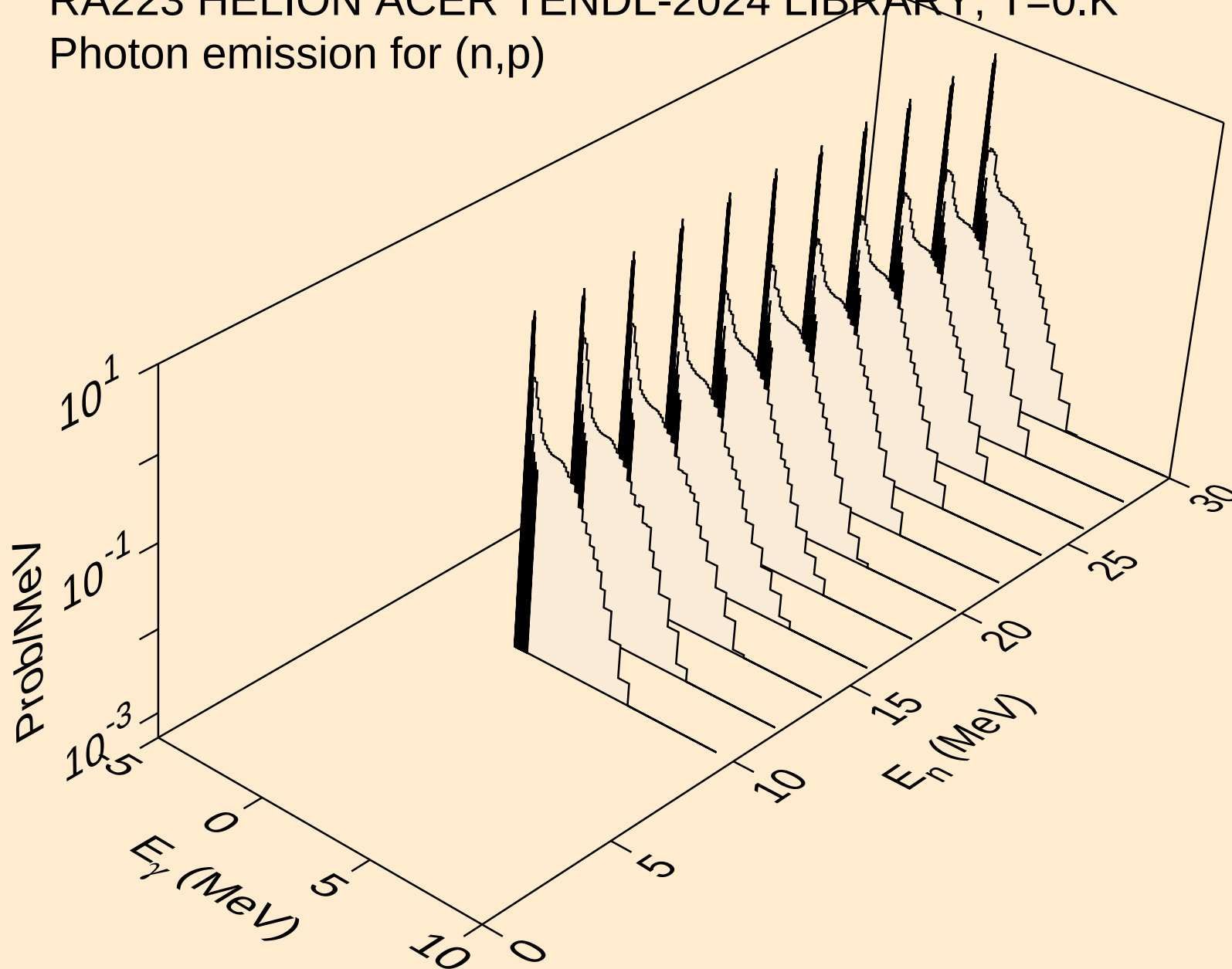


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



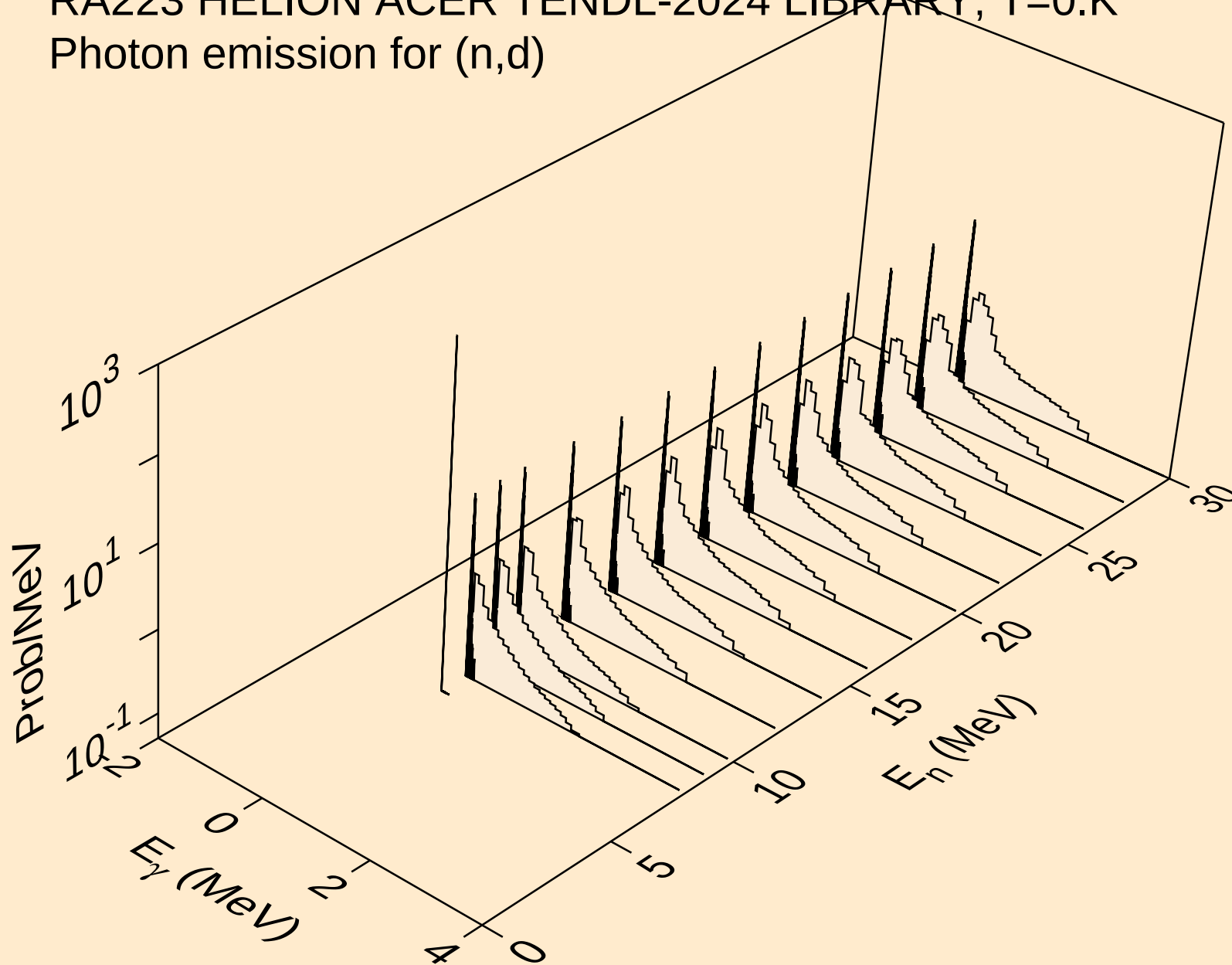
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)



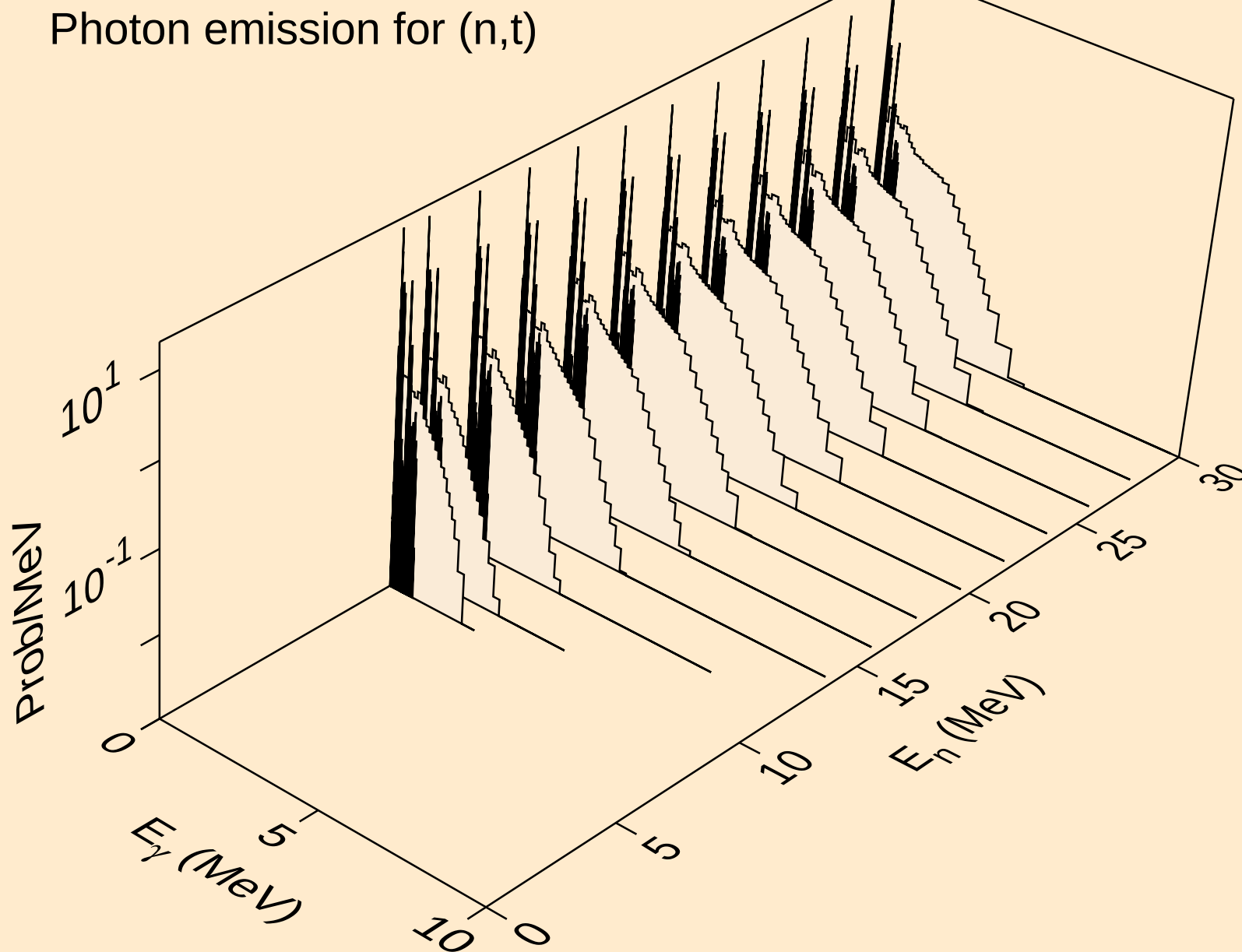
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,d)

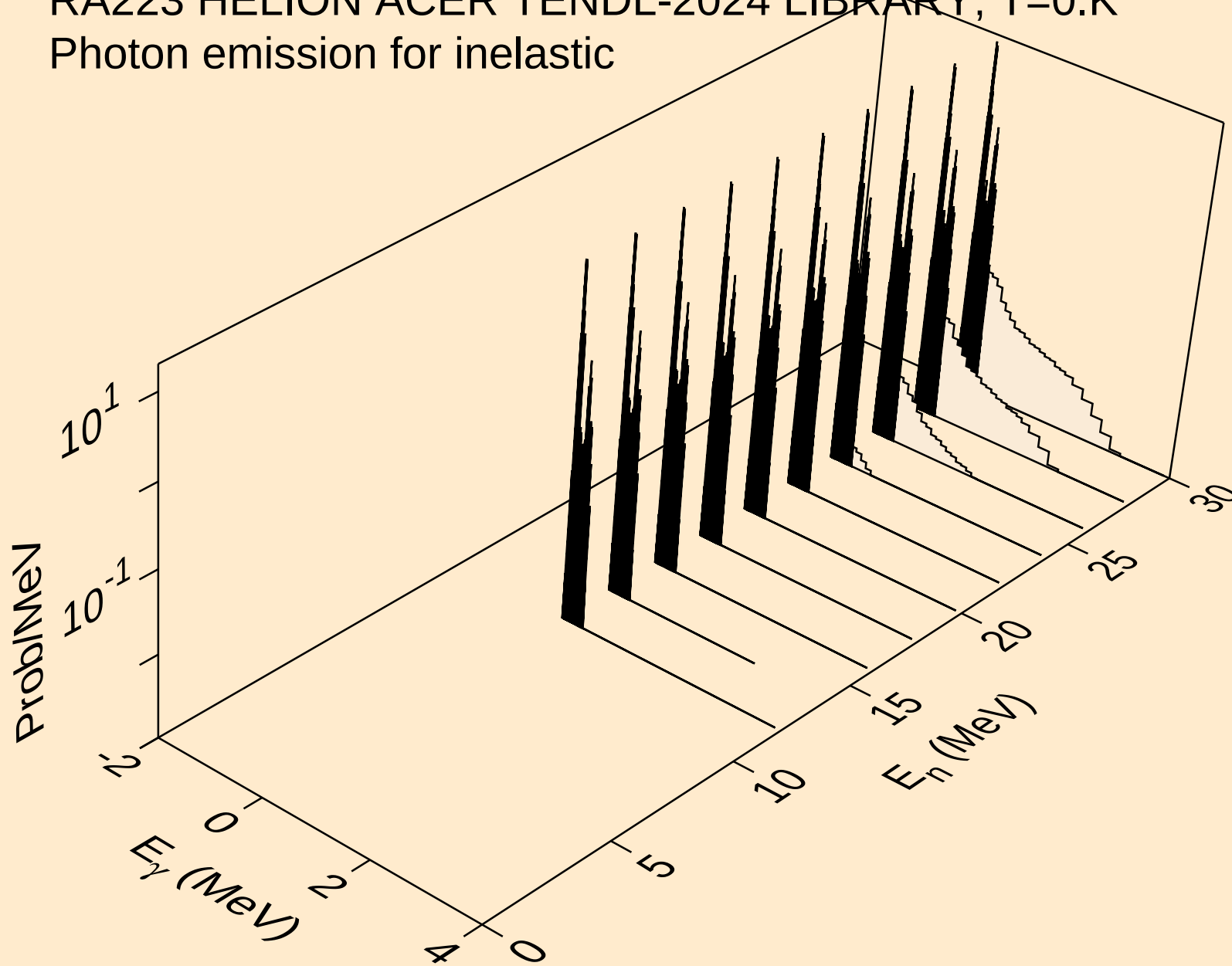


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

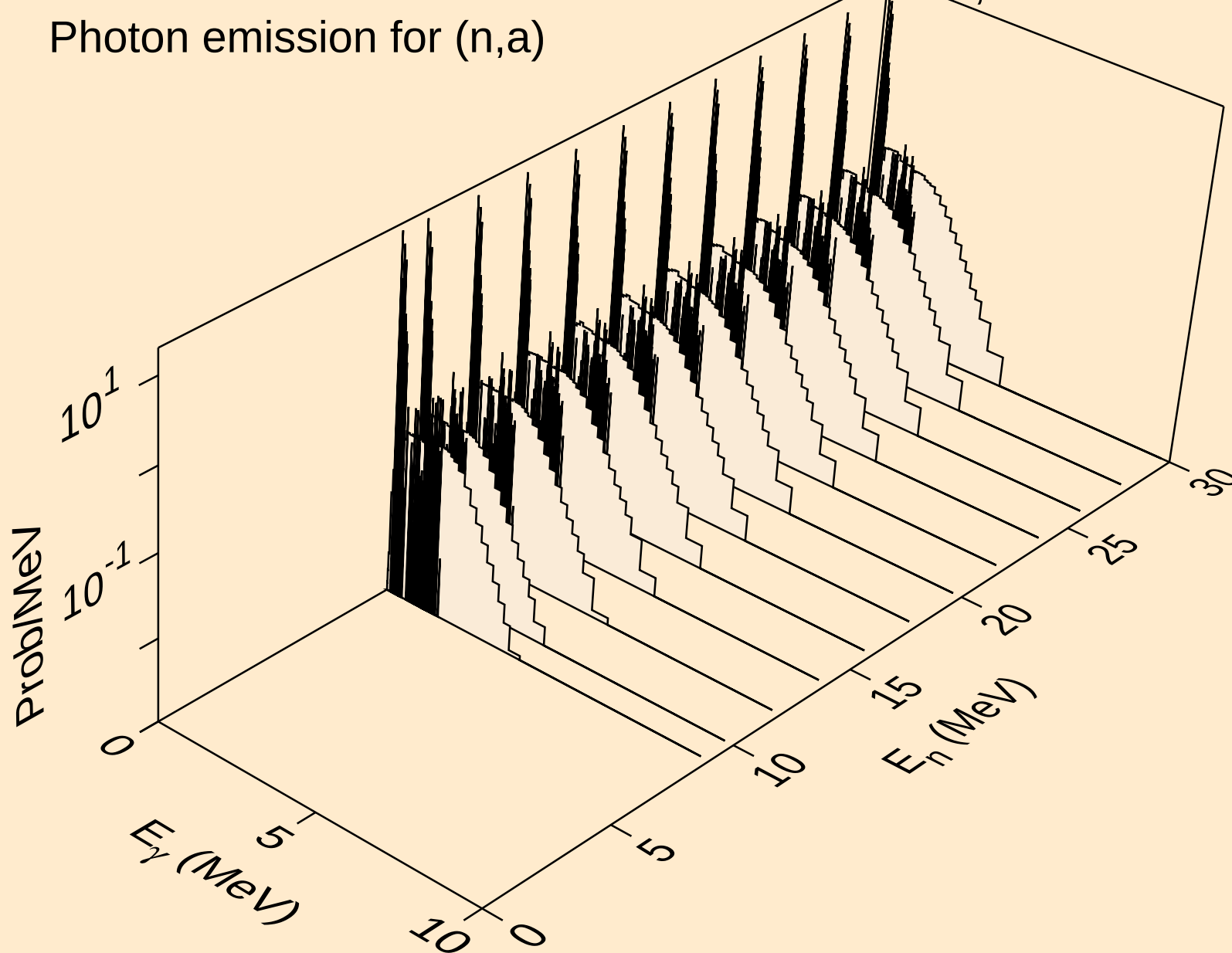
Photon emission for (n,t)



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

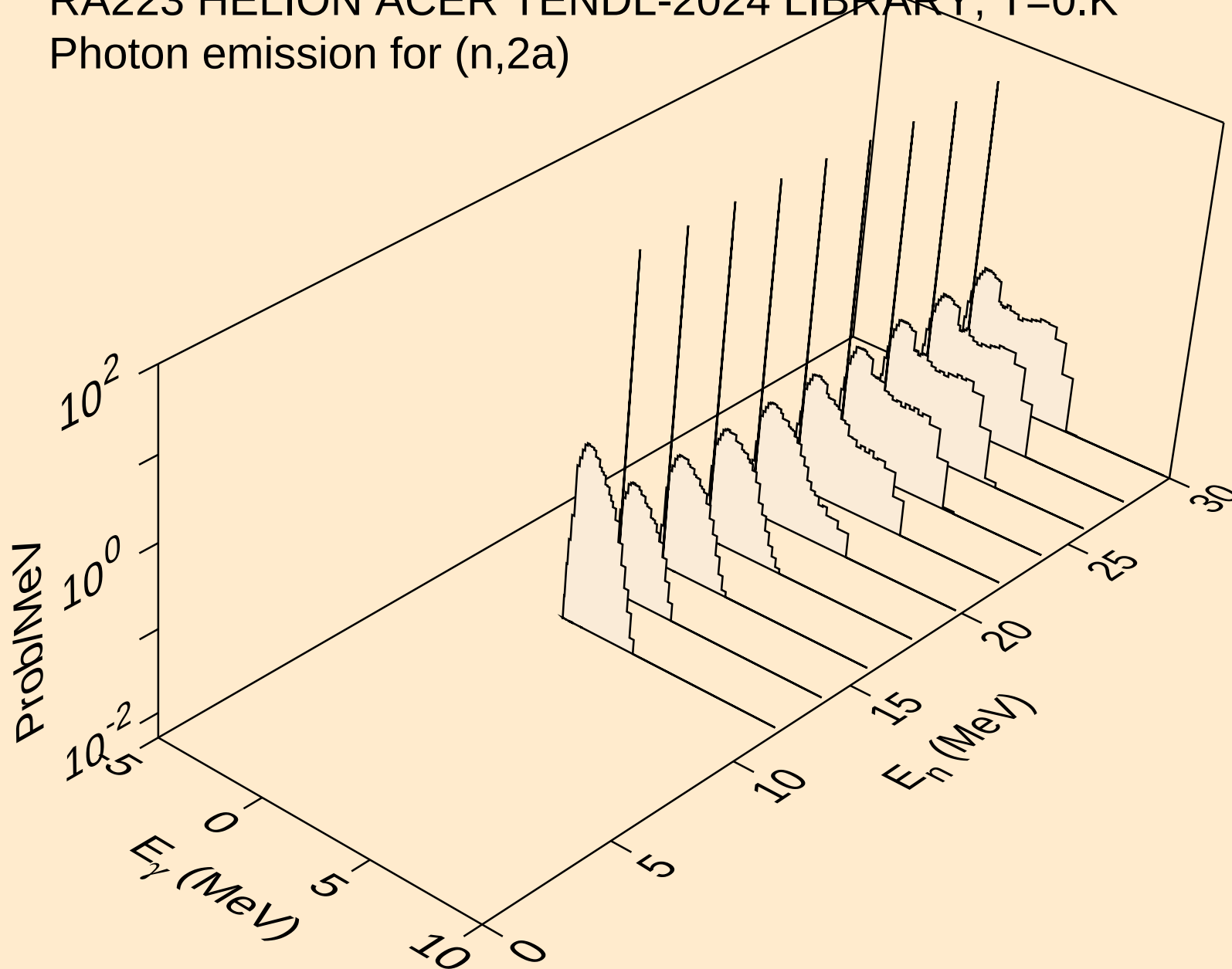


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

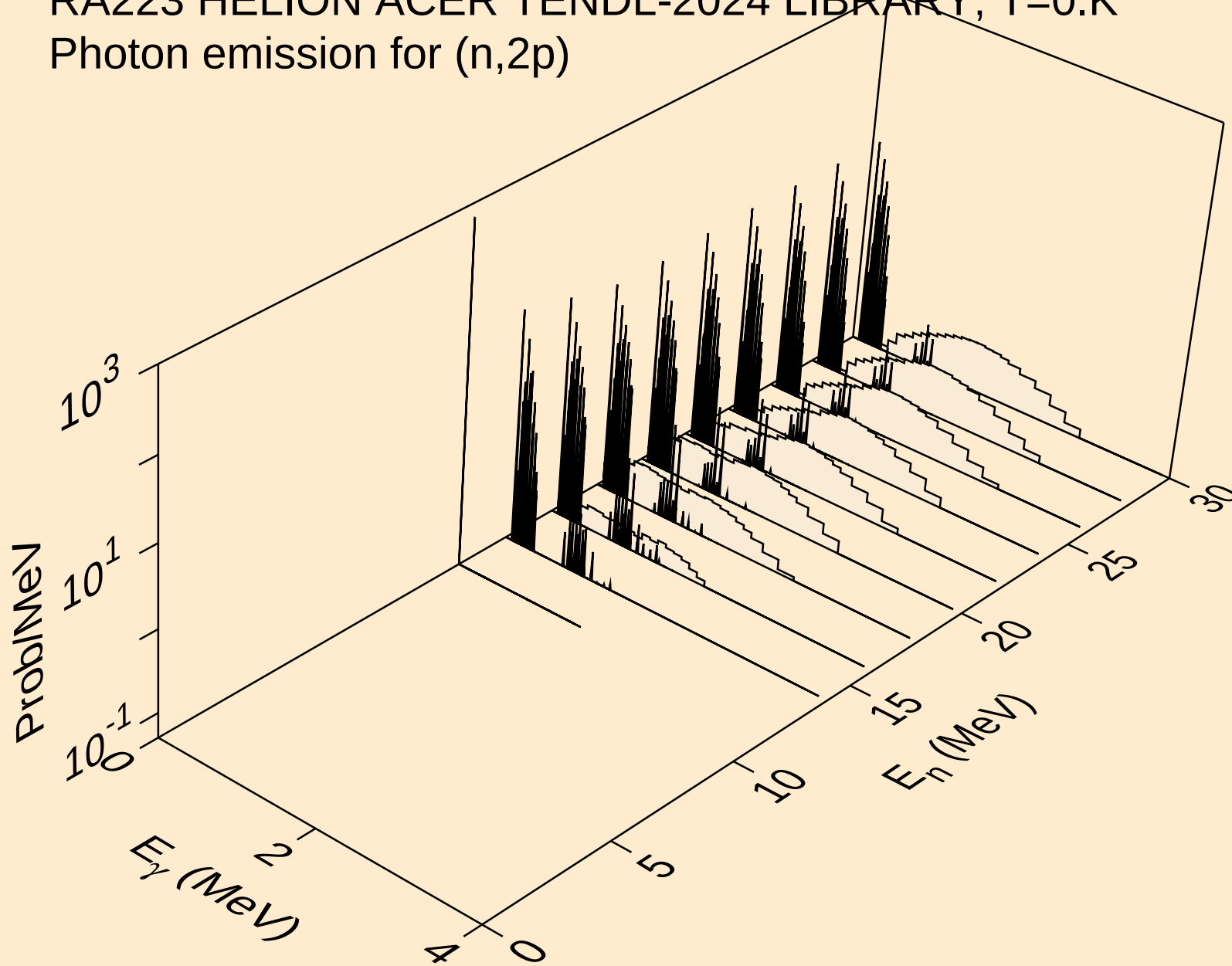


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2a)

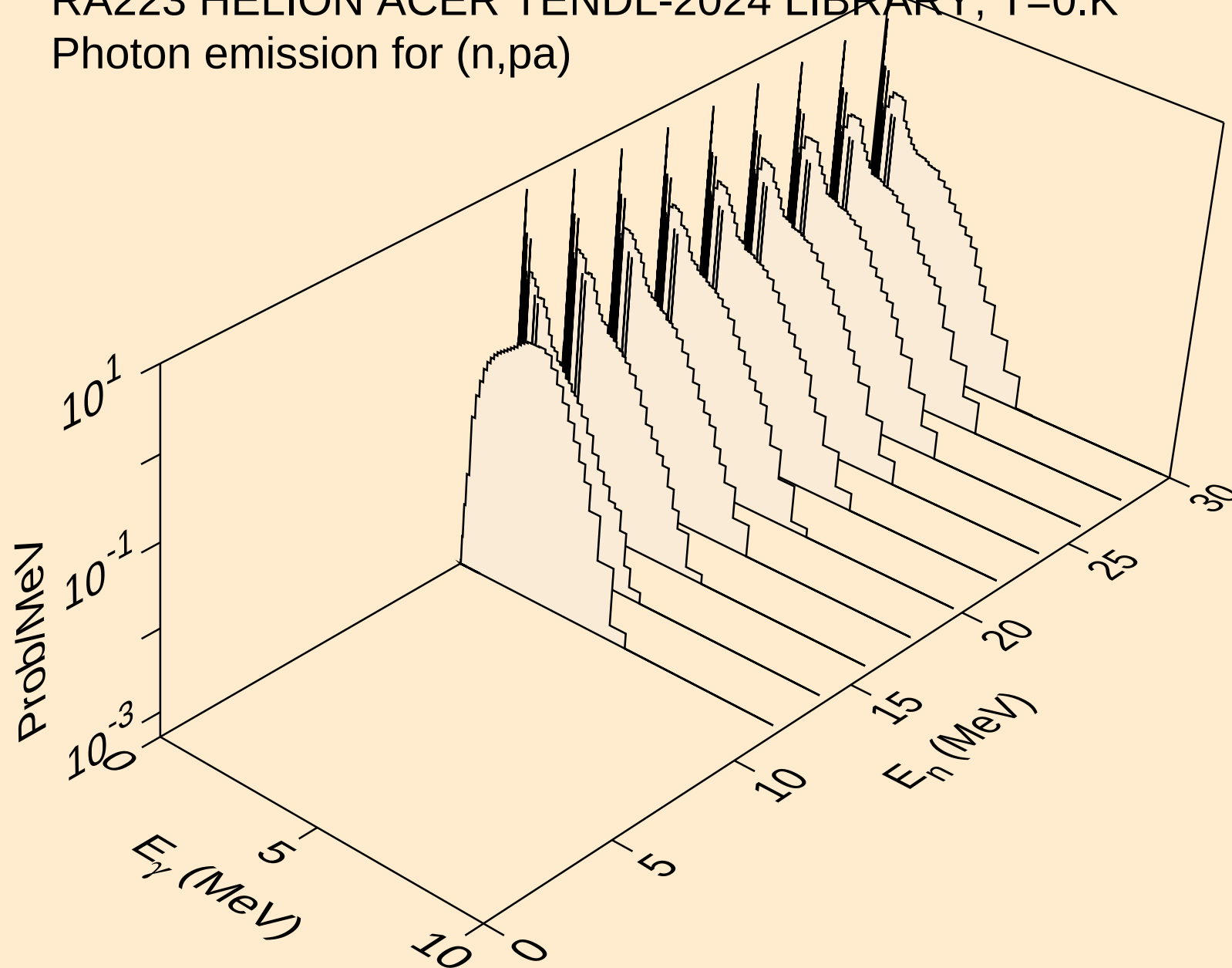


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

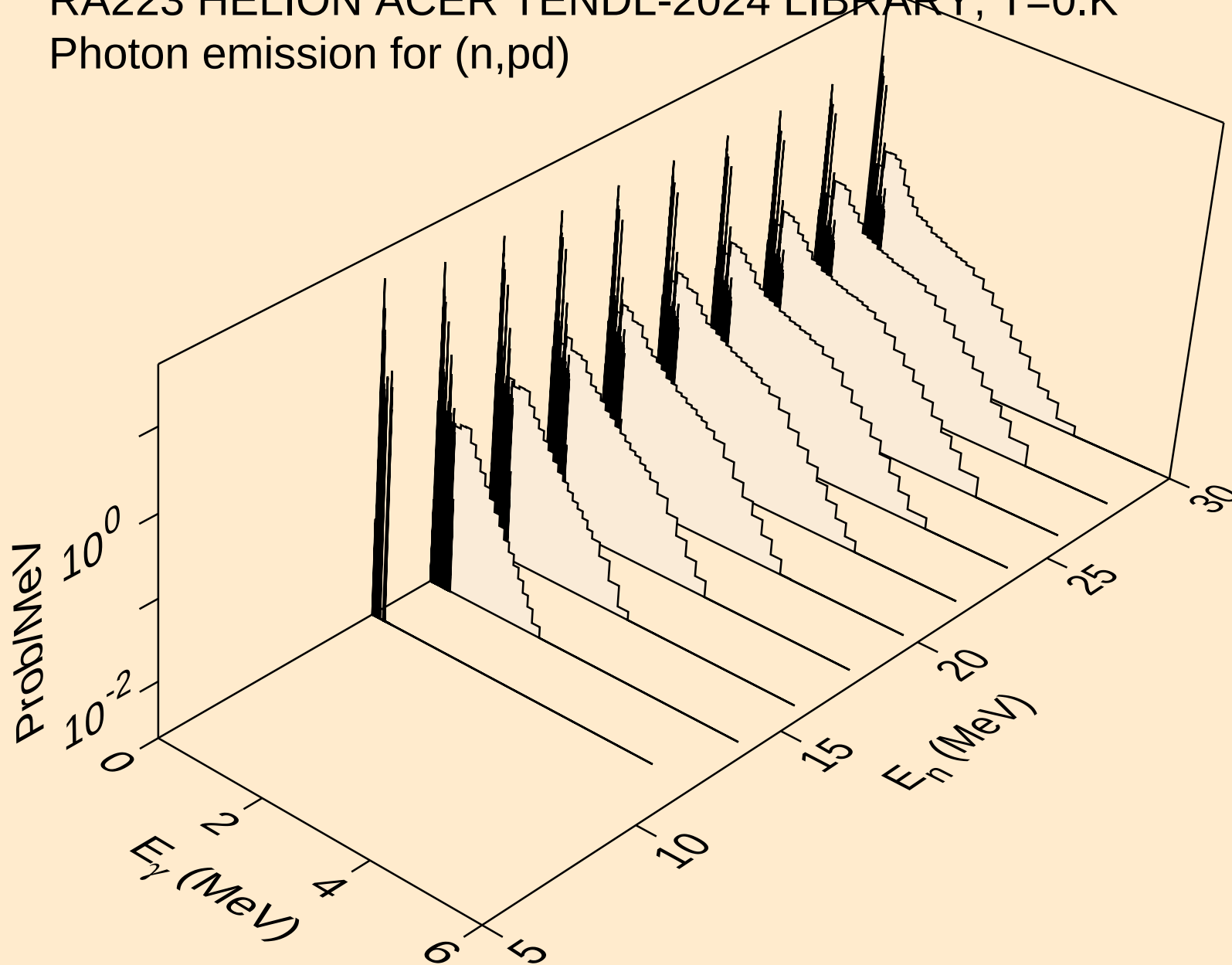


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p $\alpha$ )

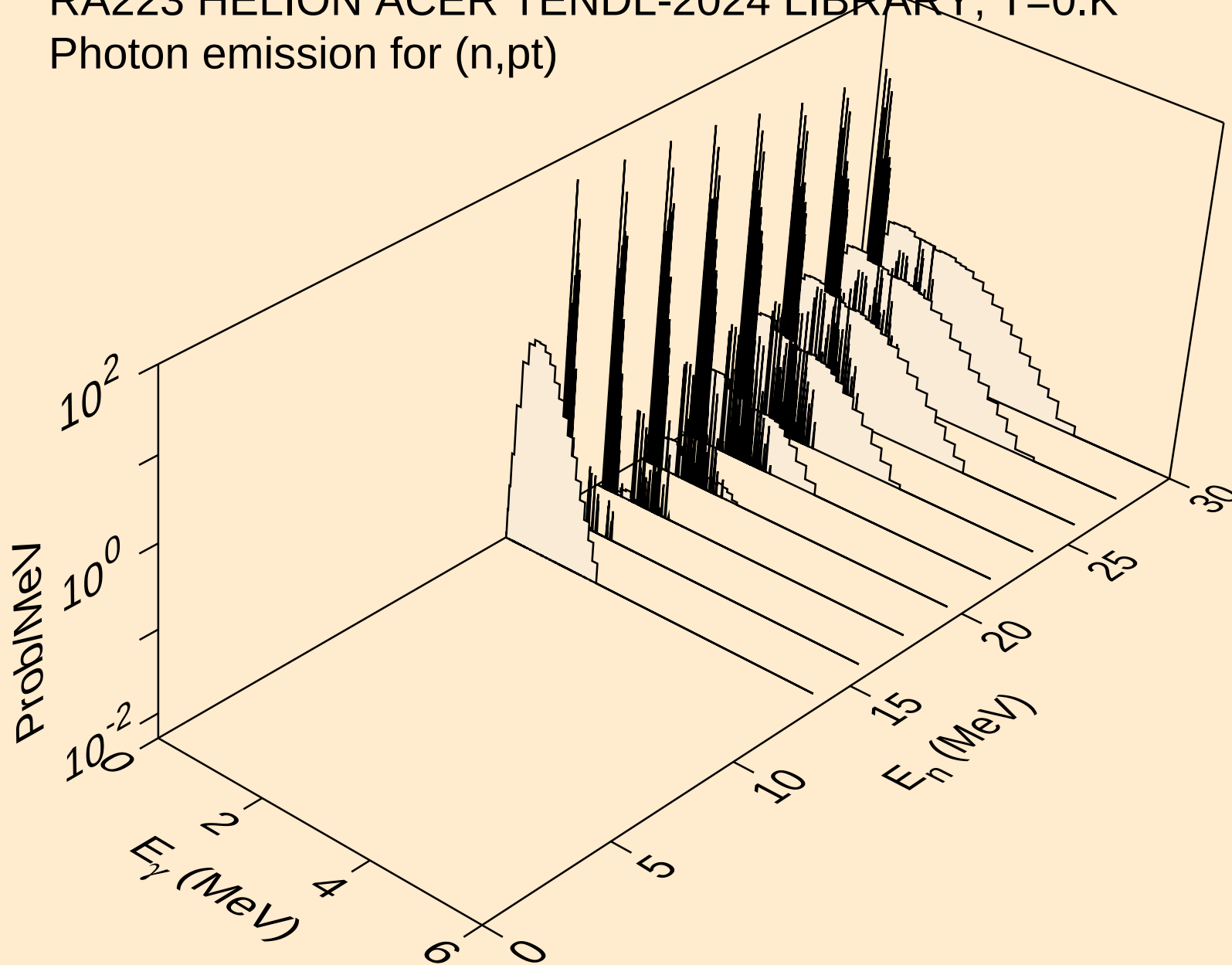


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

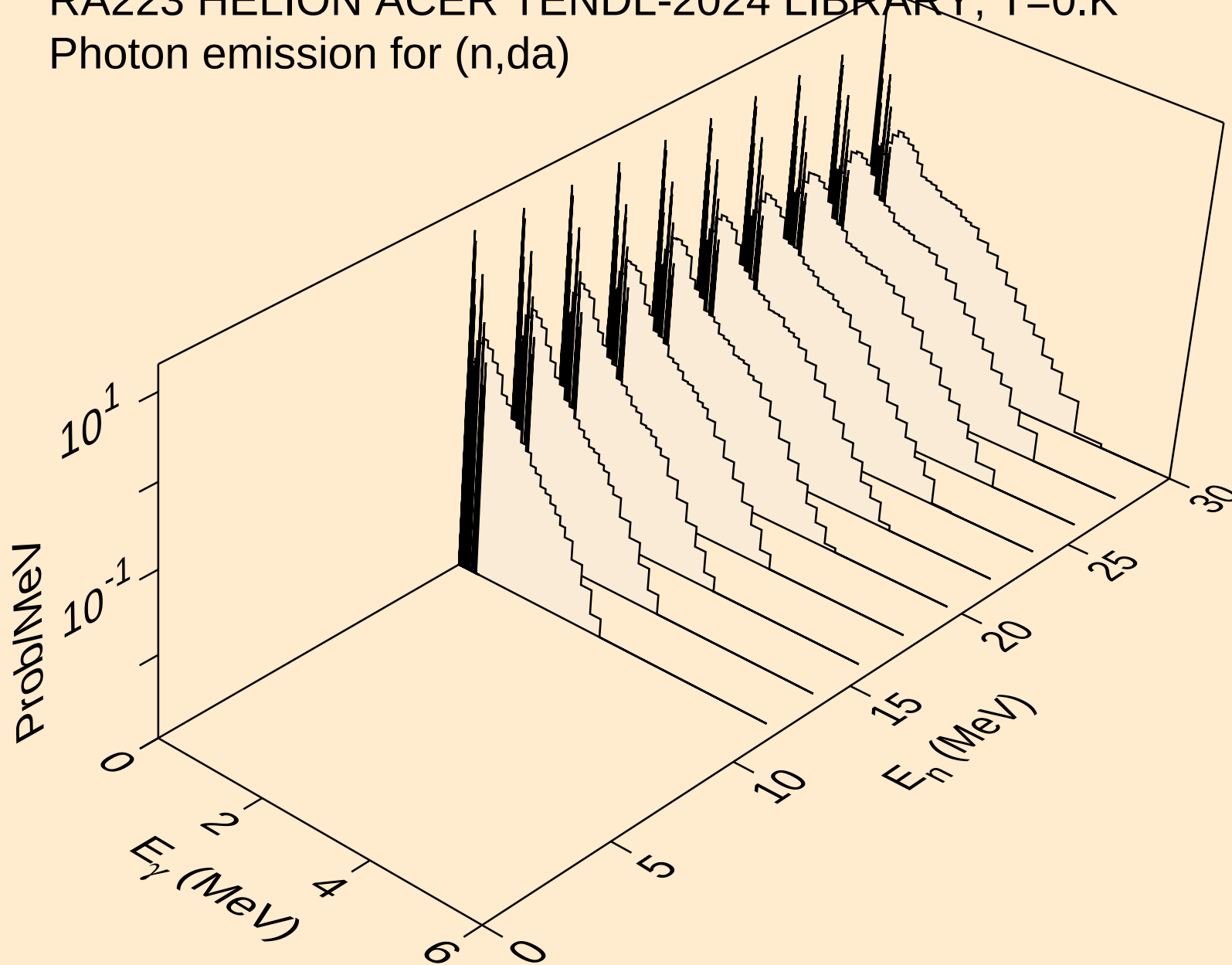


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

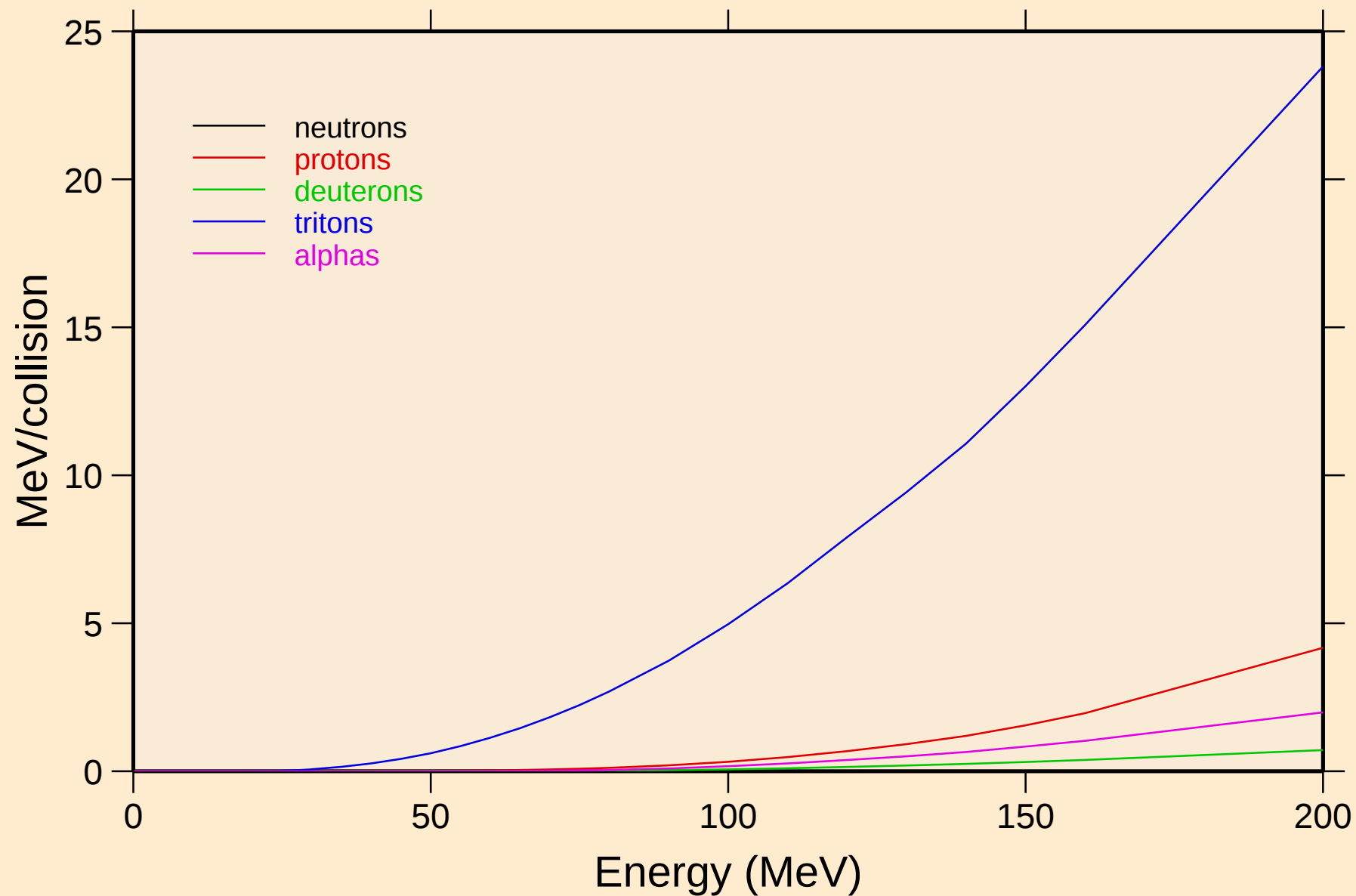


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



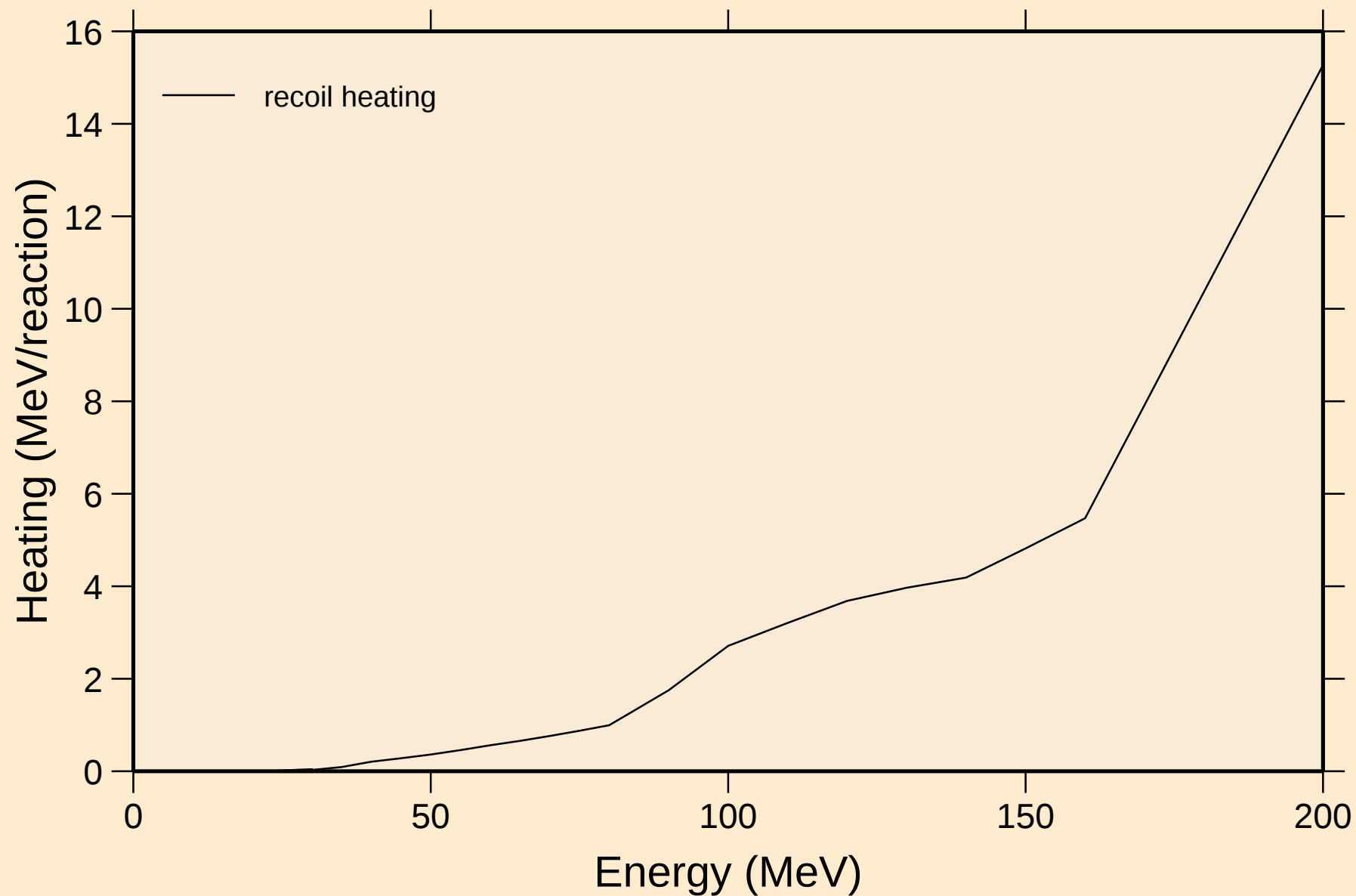
# RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



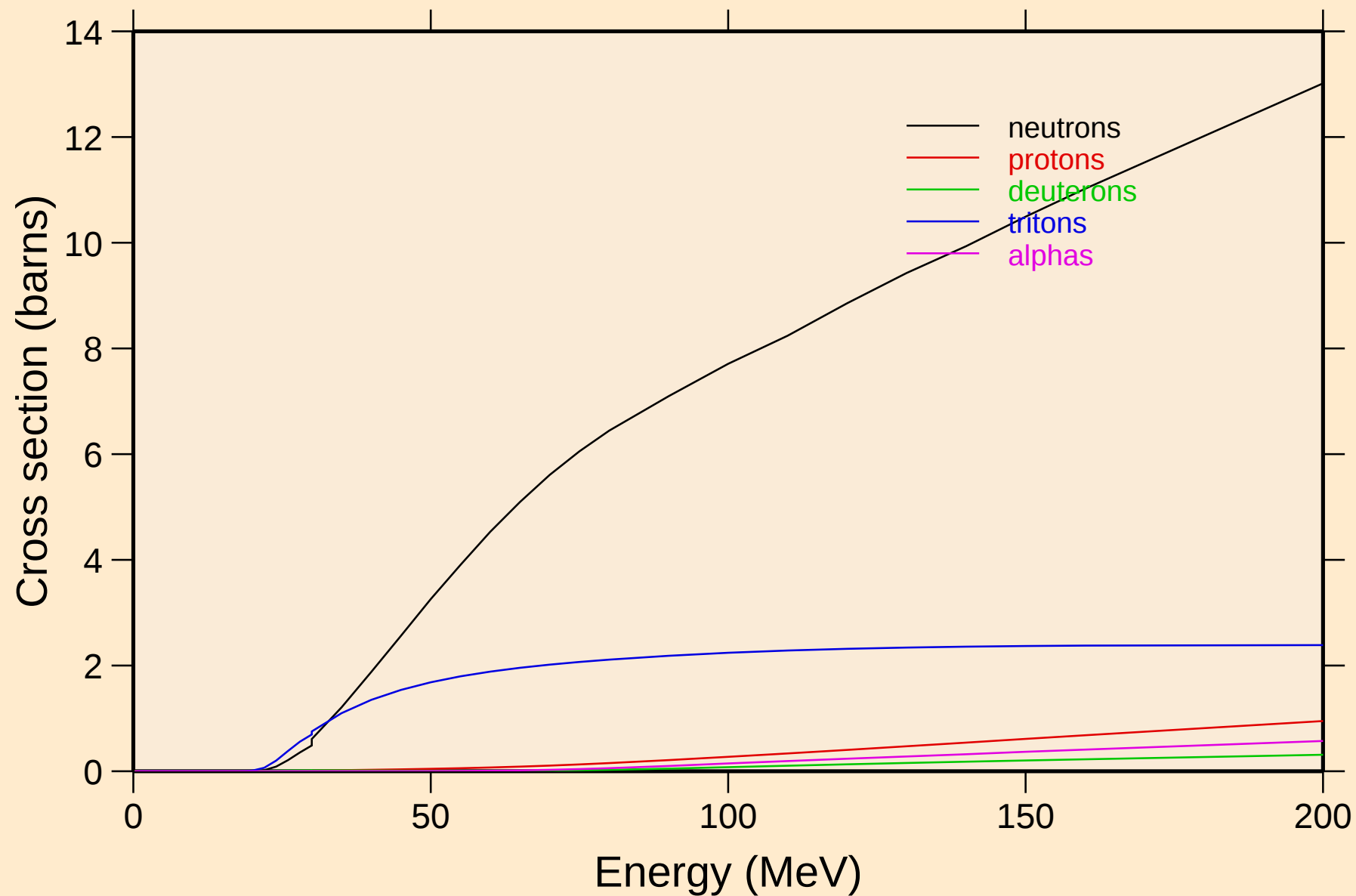
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

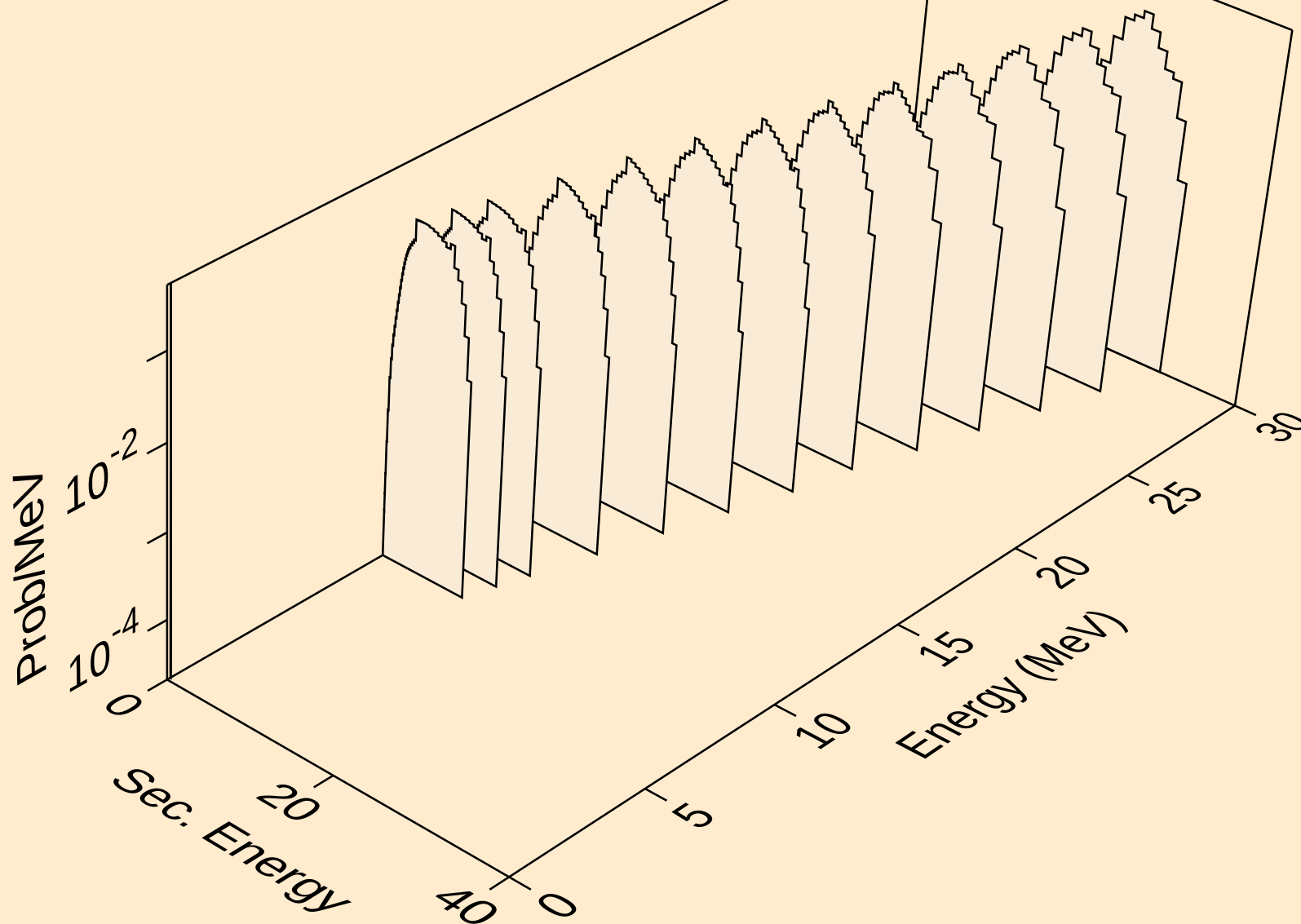


RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K

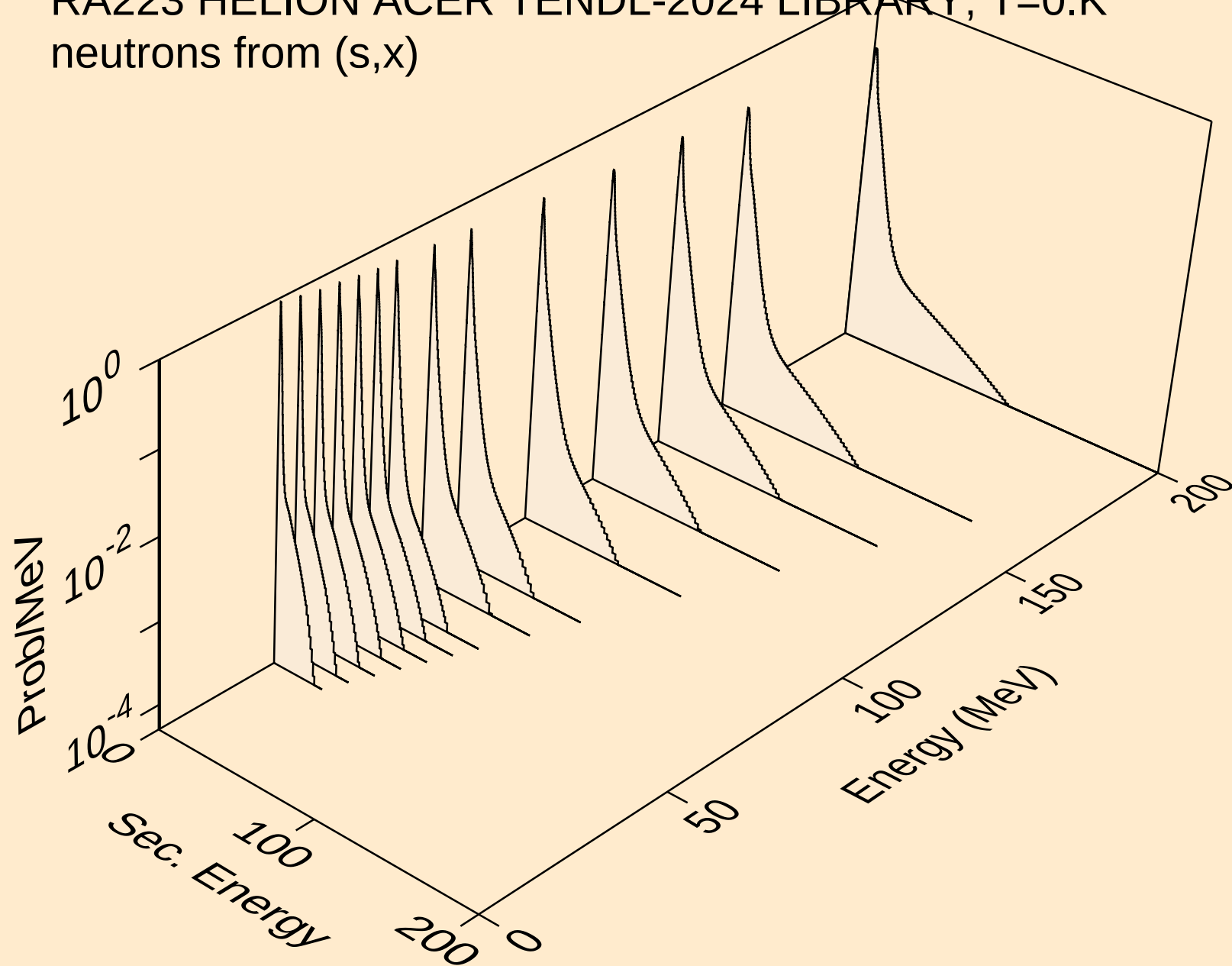
Particle production cross sections



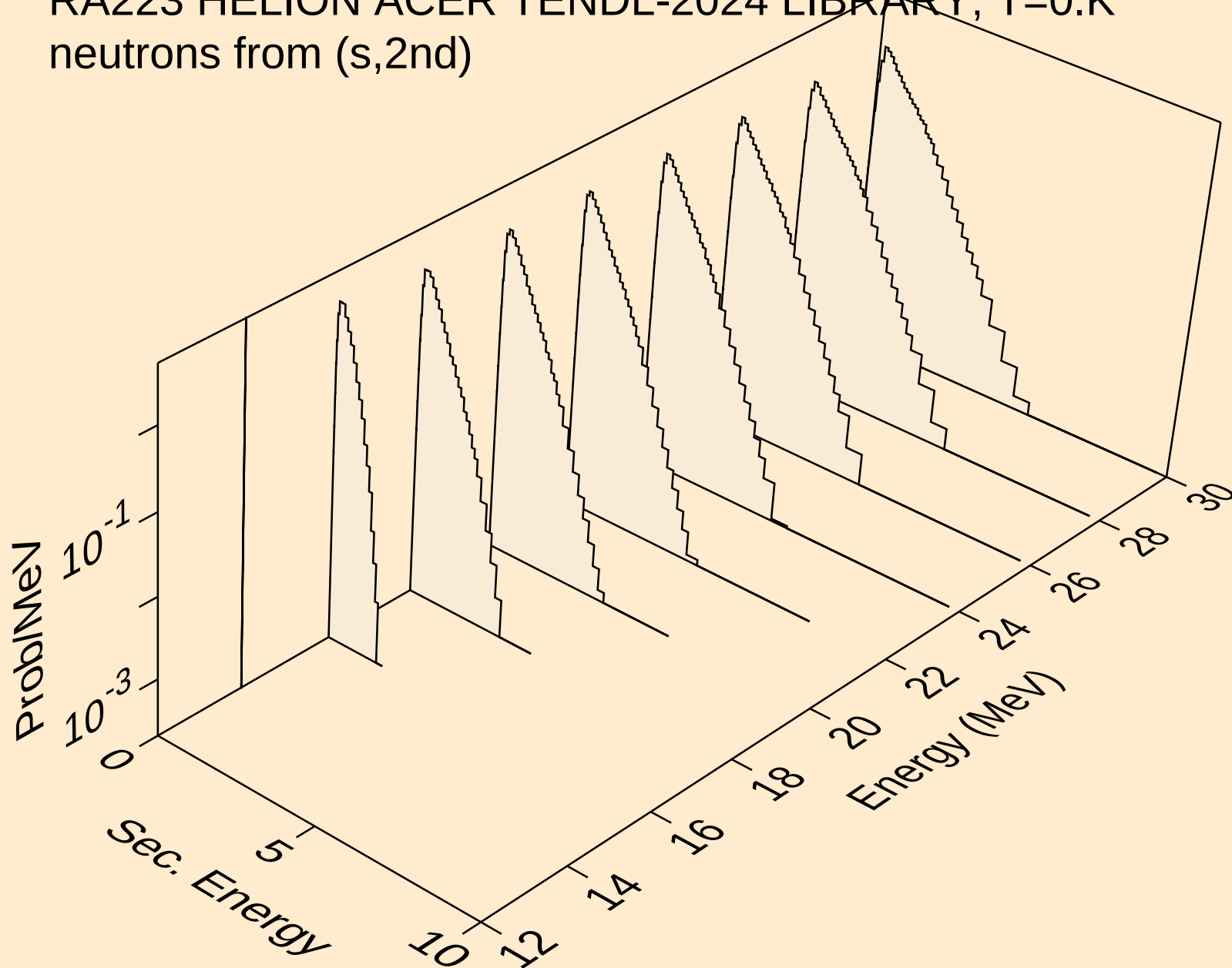
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



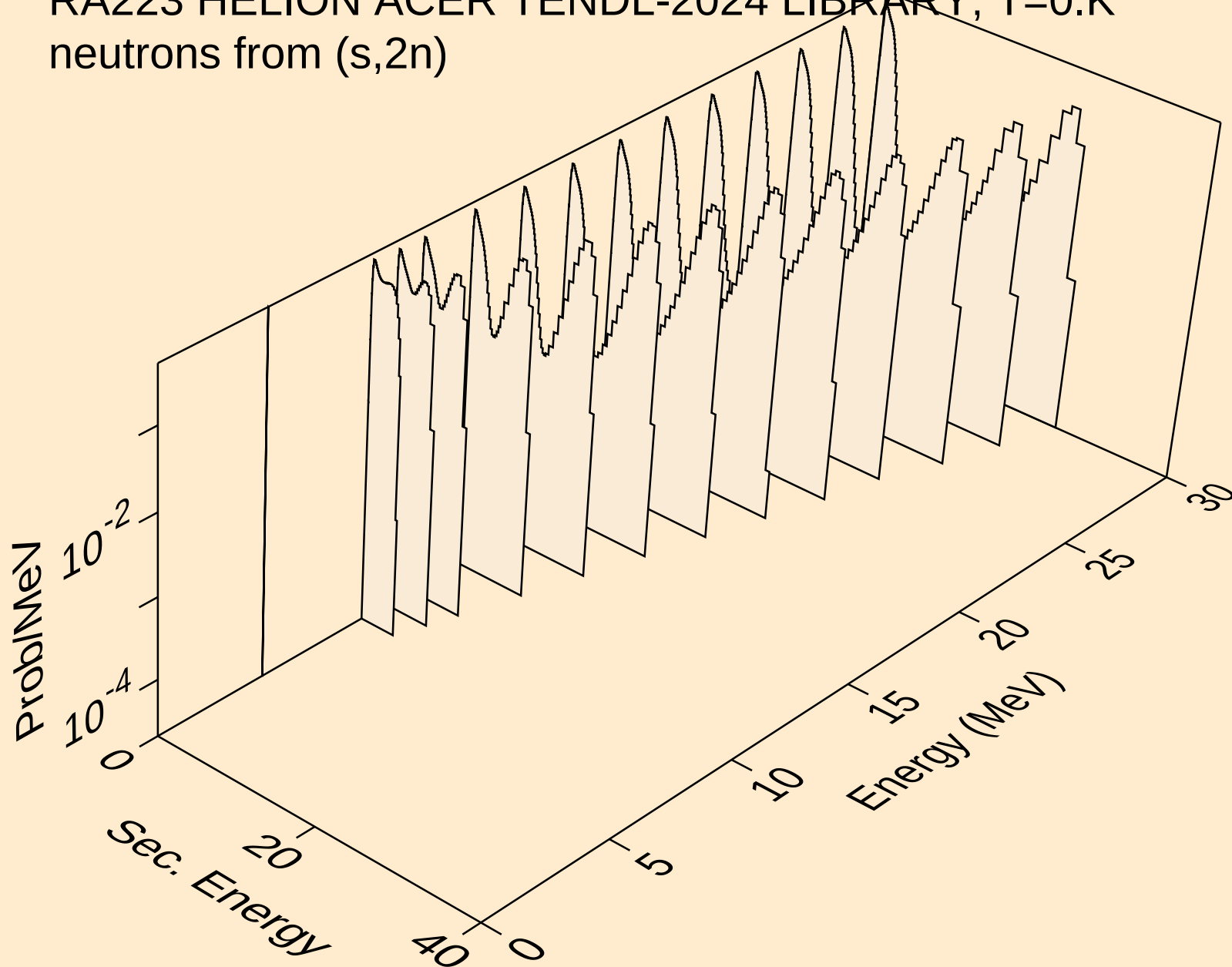
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



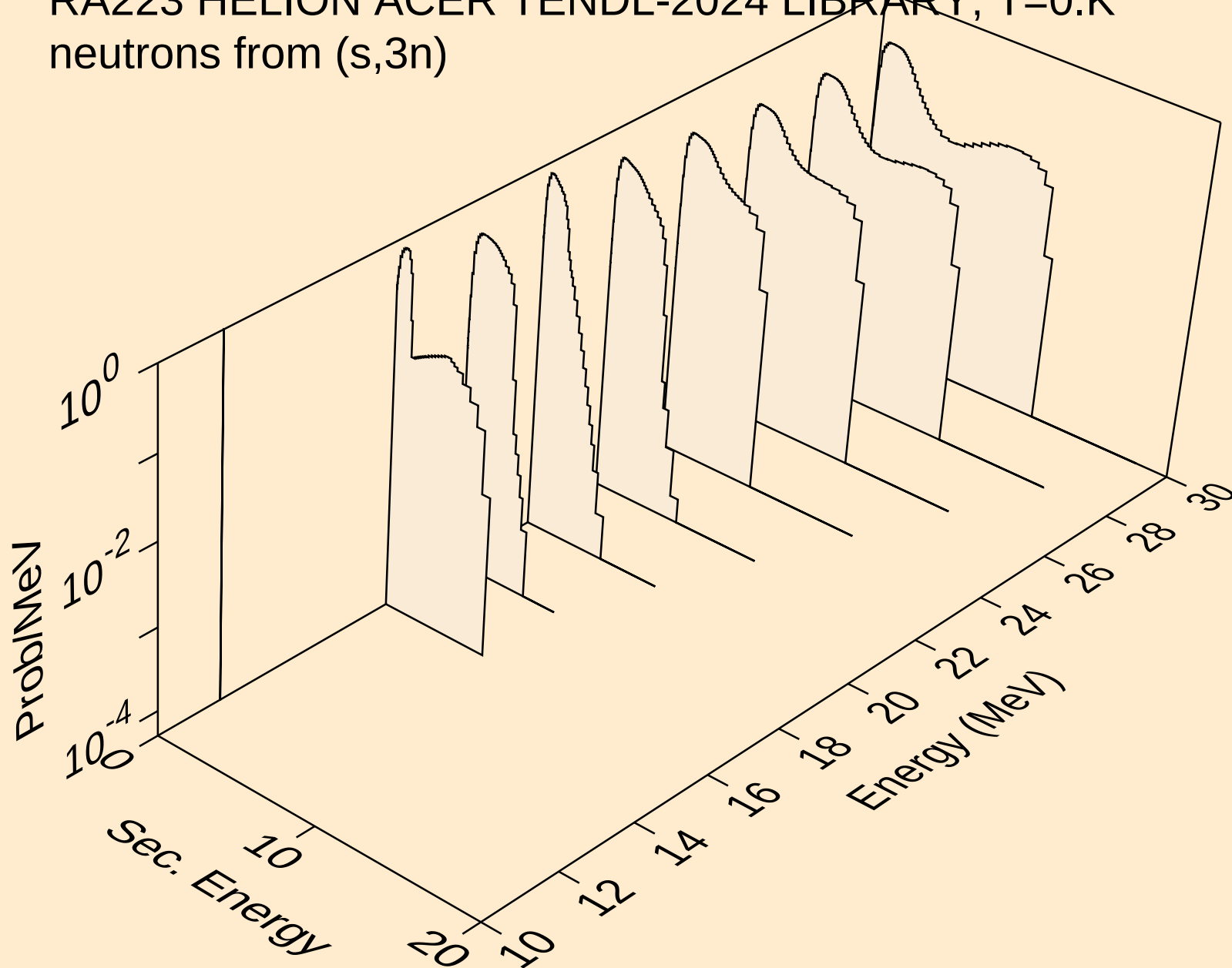
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



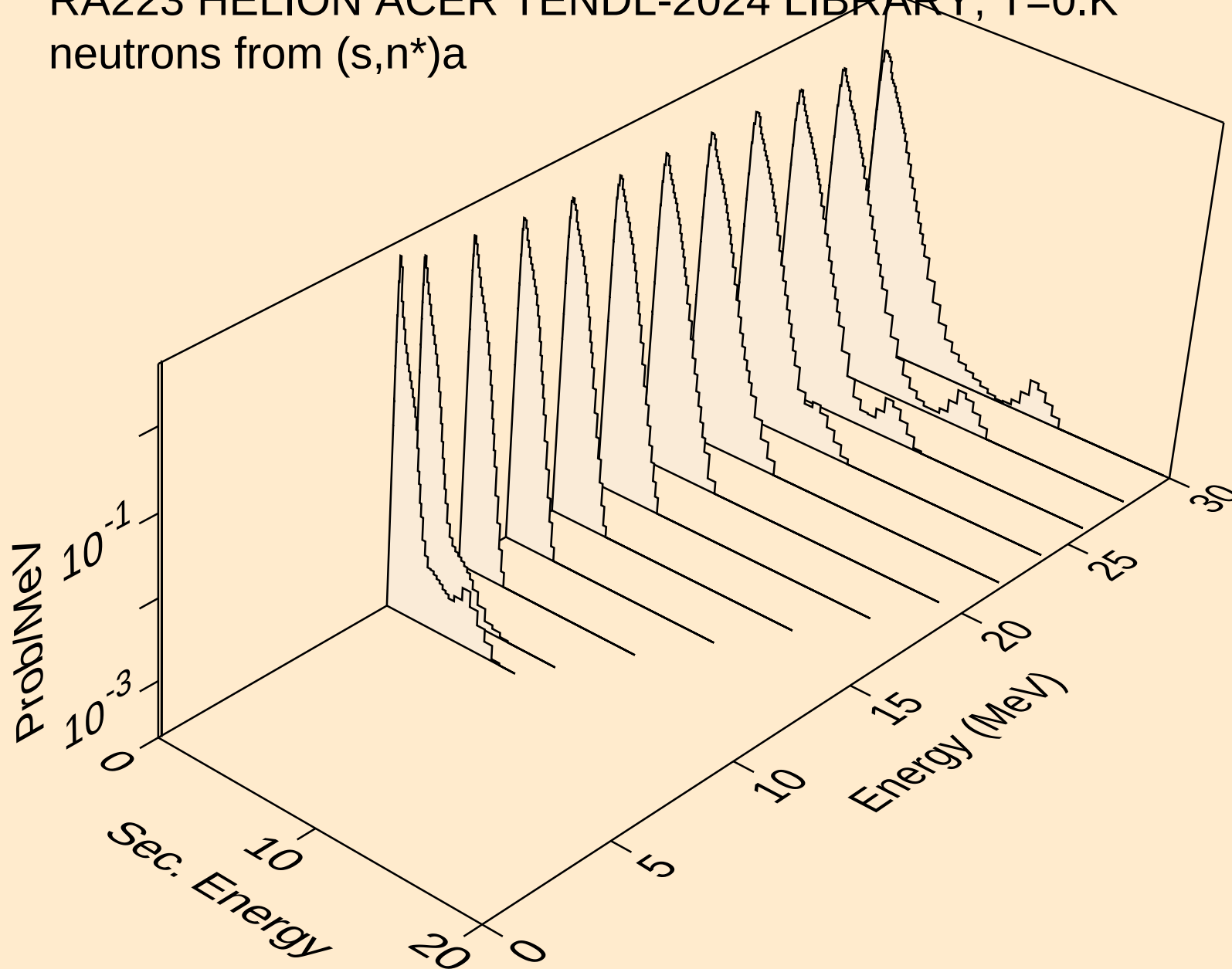
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



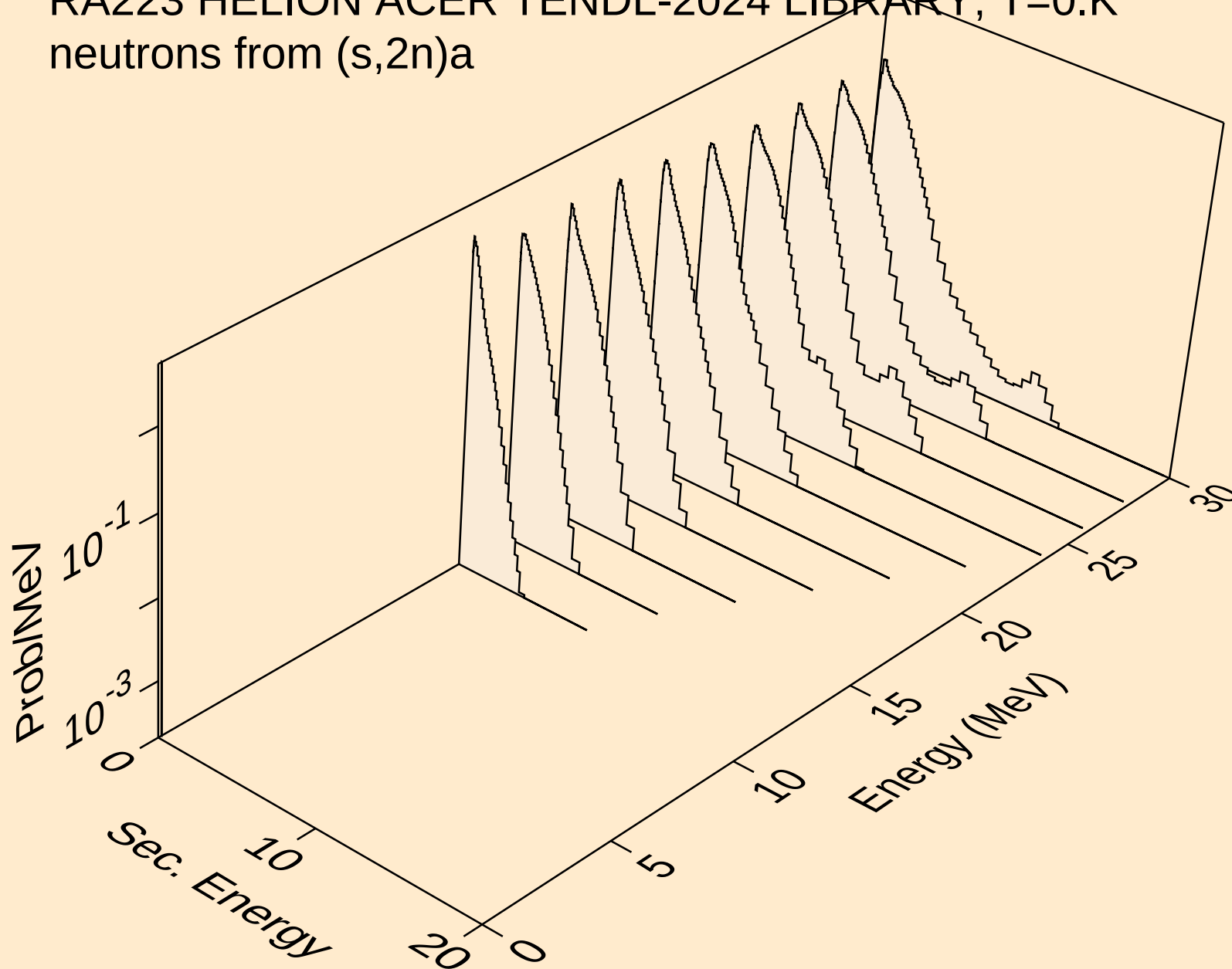
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



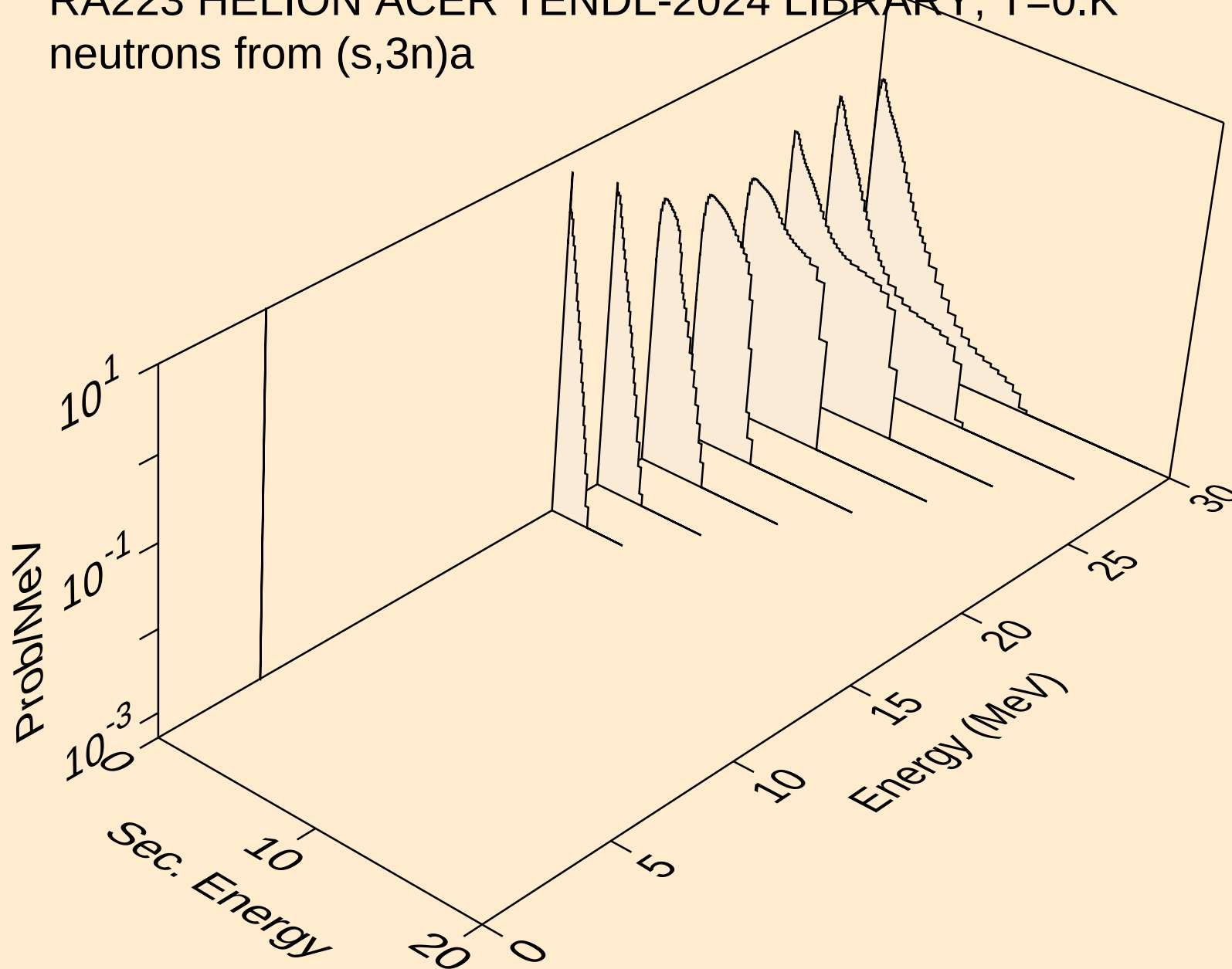
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



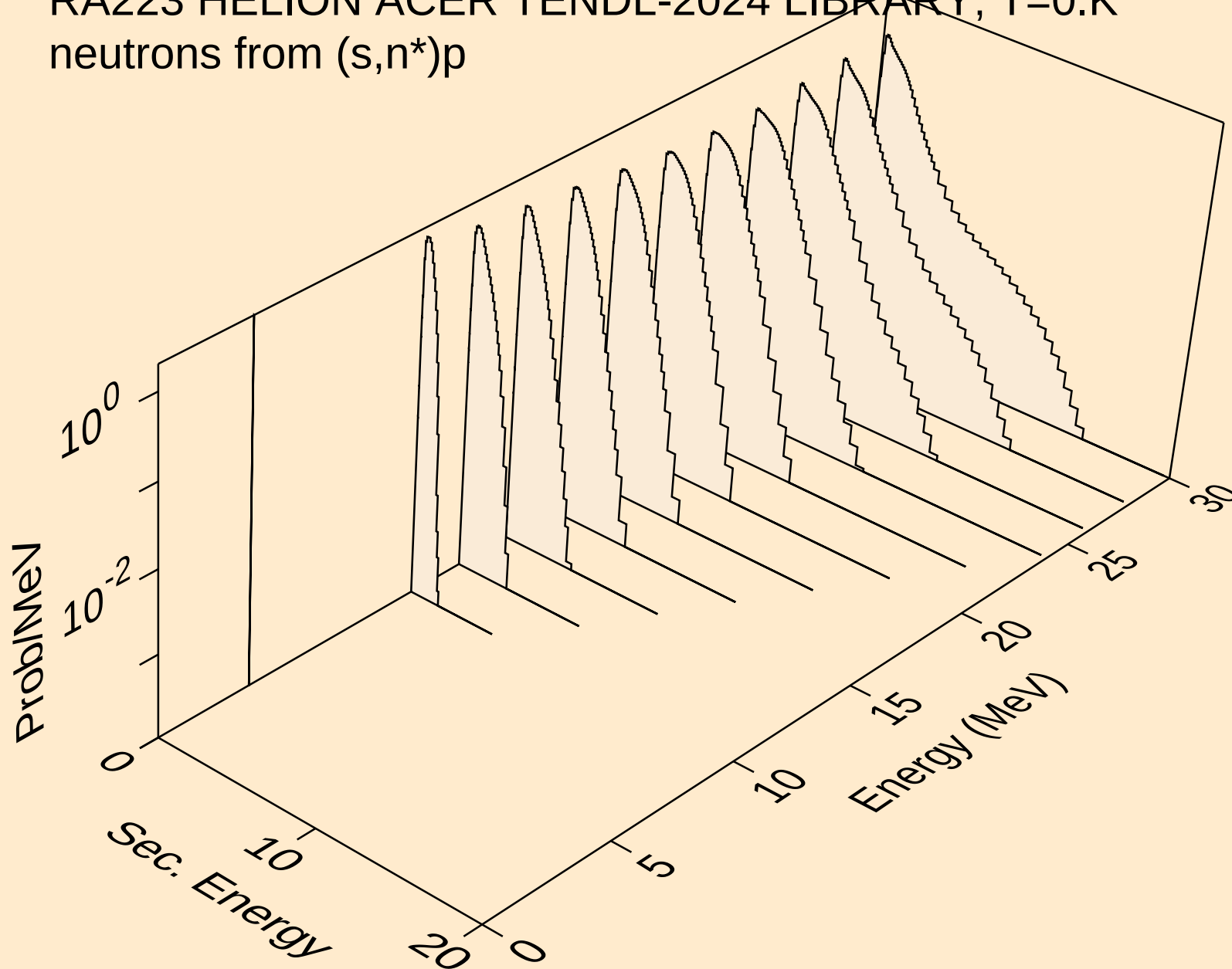
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



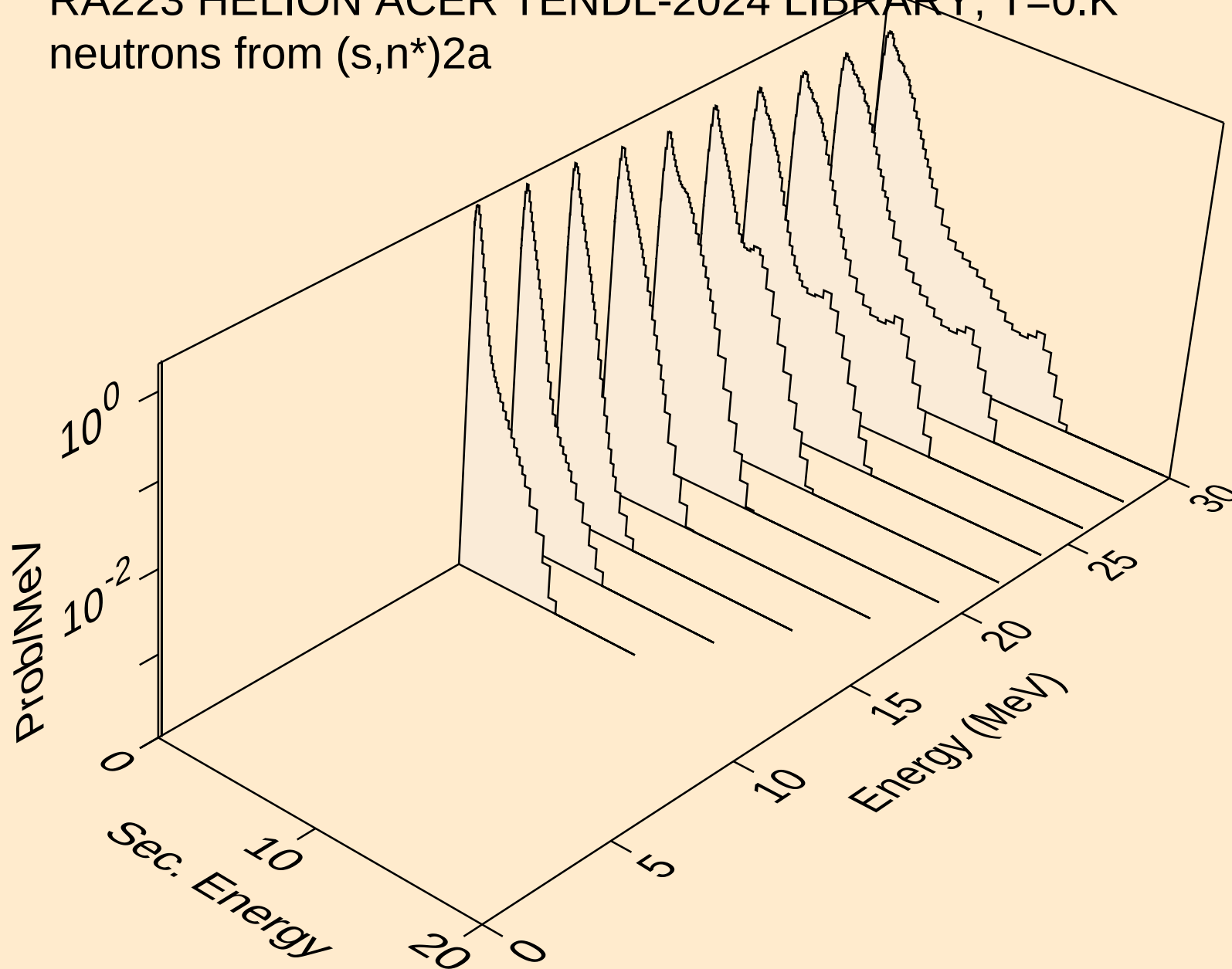
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neutrons from (s,3n)a



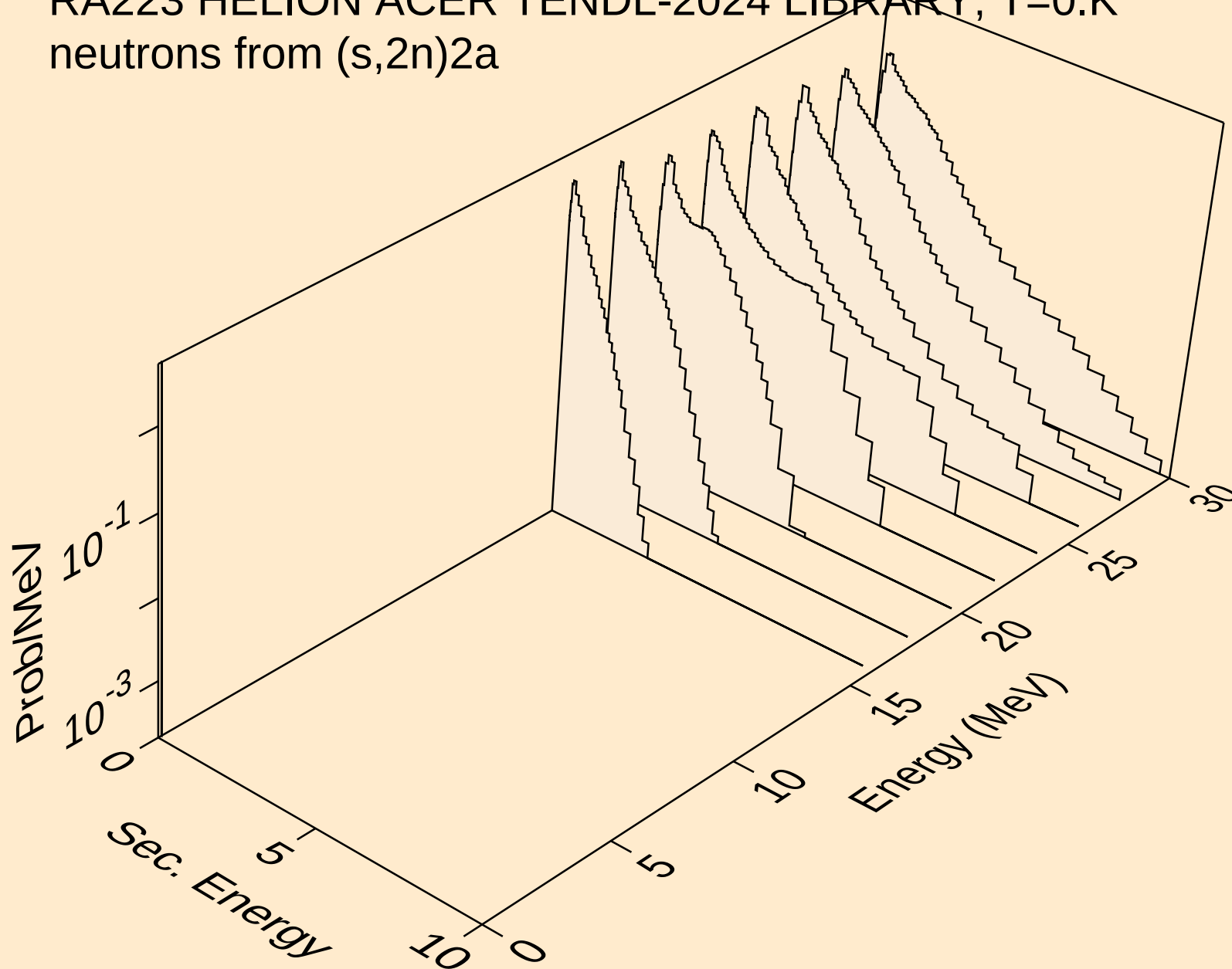
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



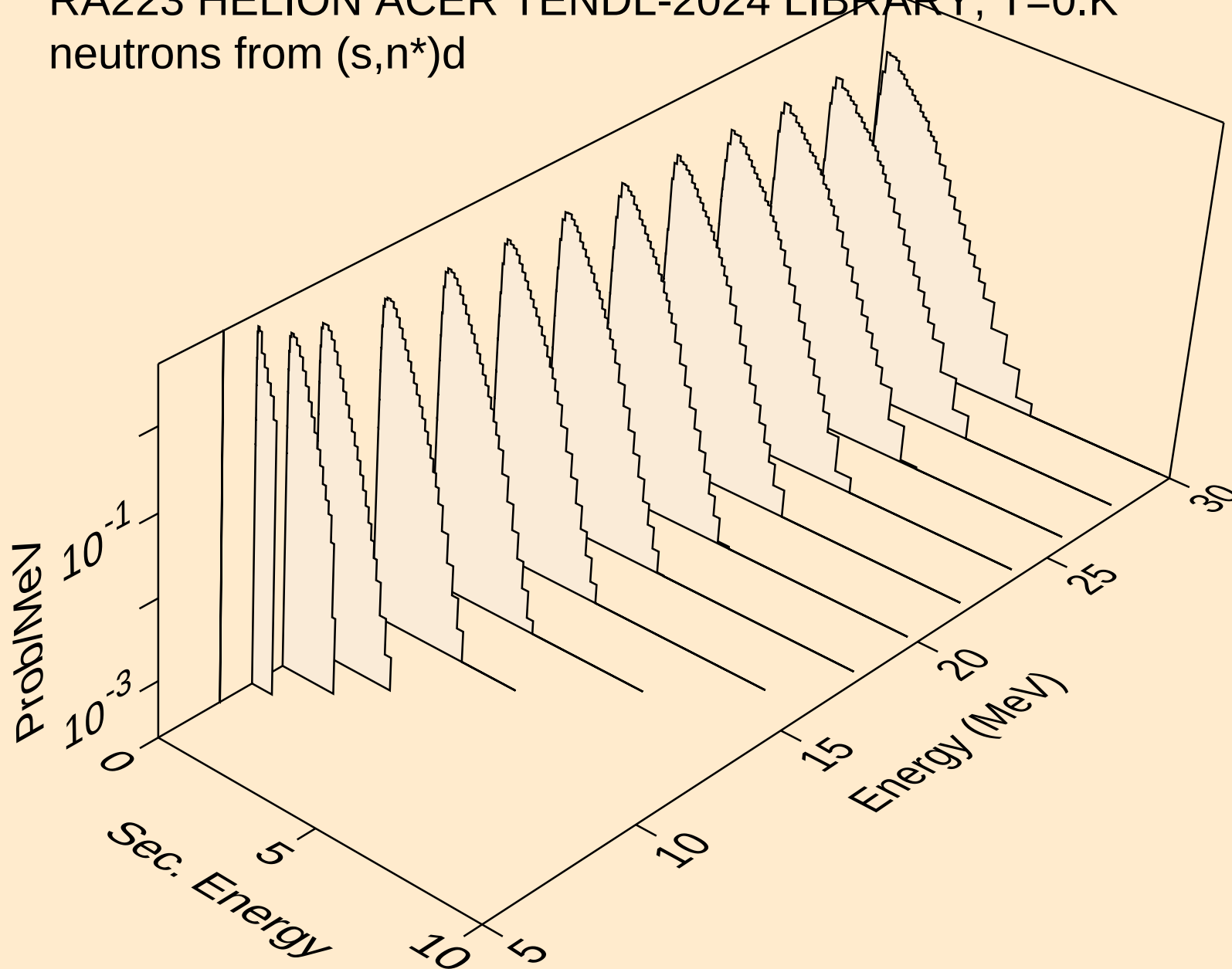
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neutrons from (s,n\*)2a



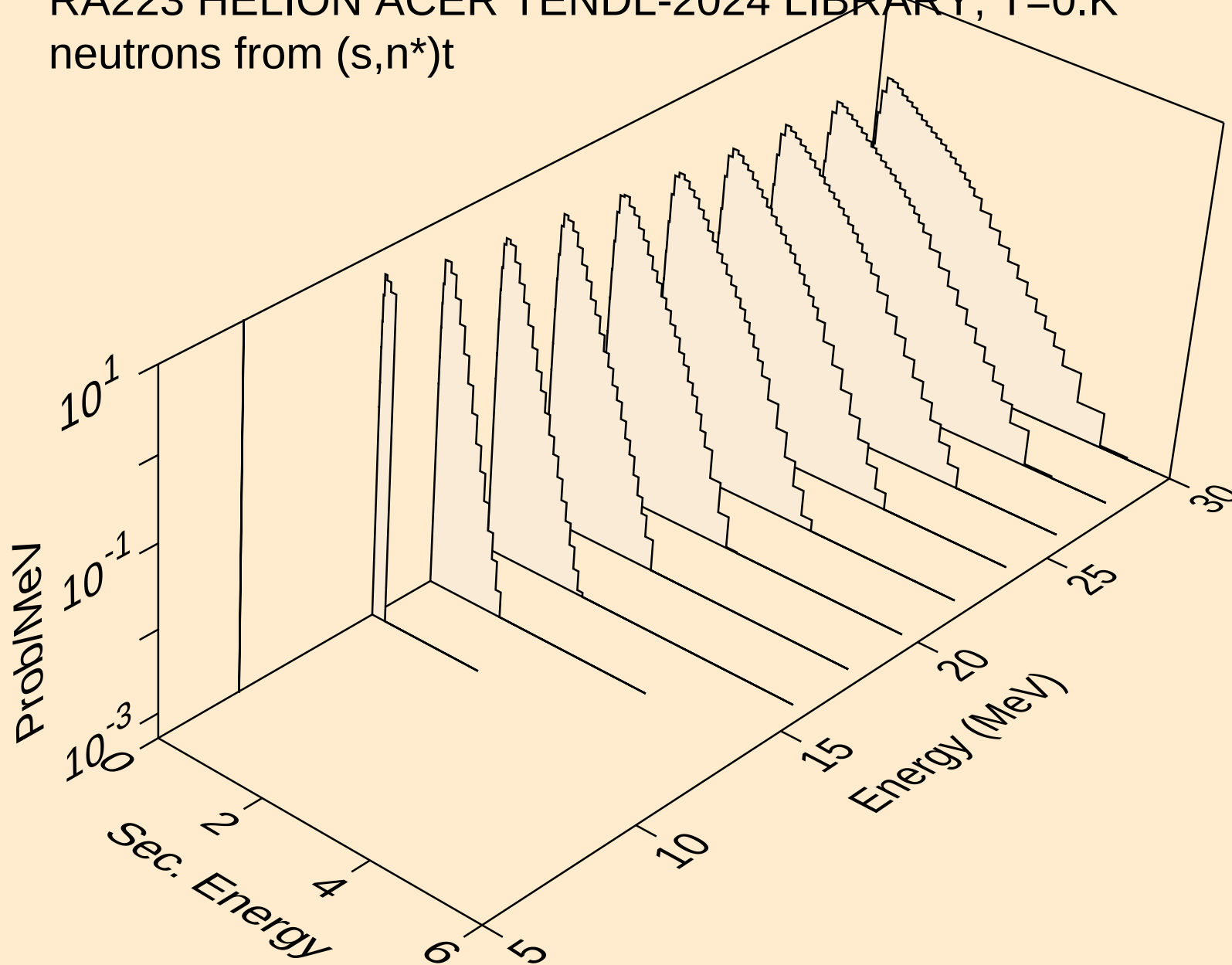
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neutrons from (s,2n)2a



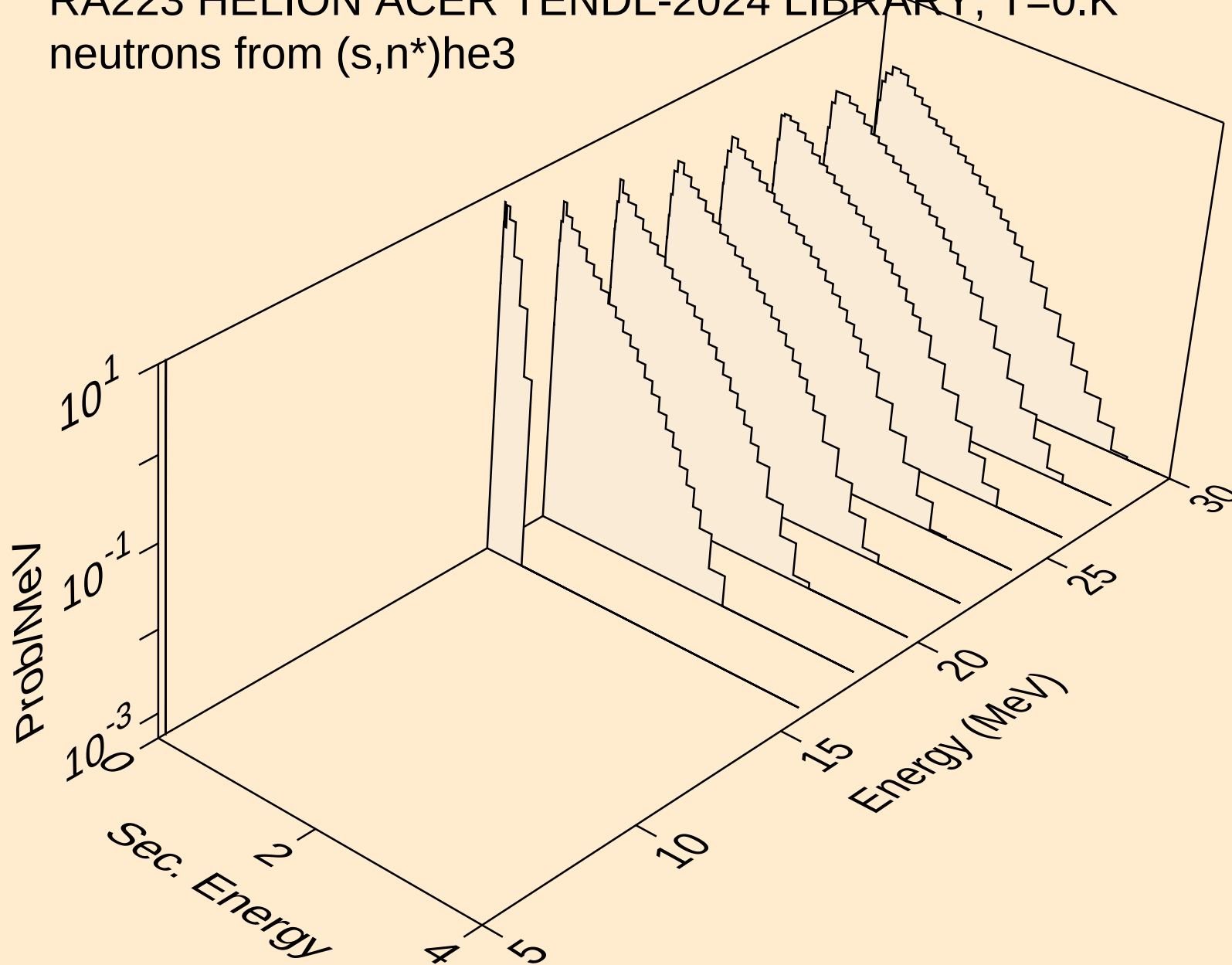
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



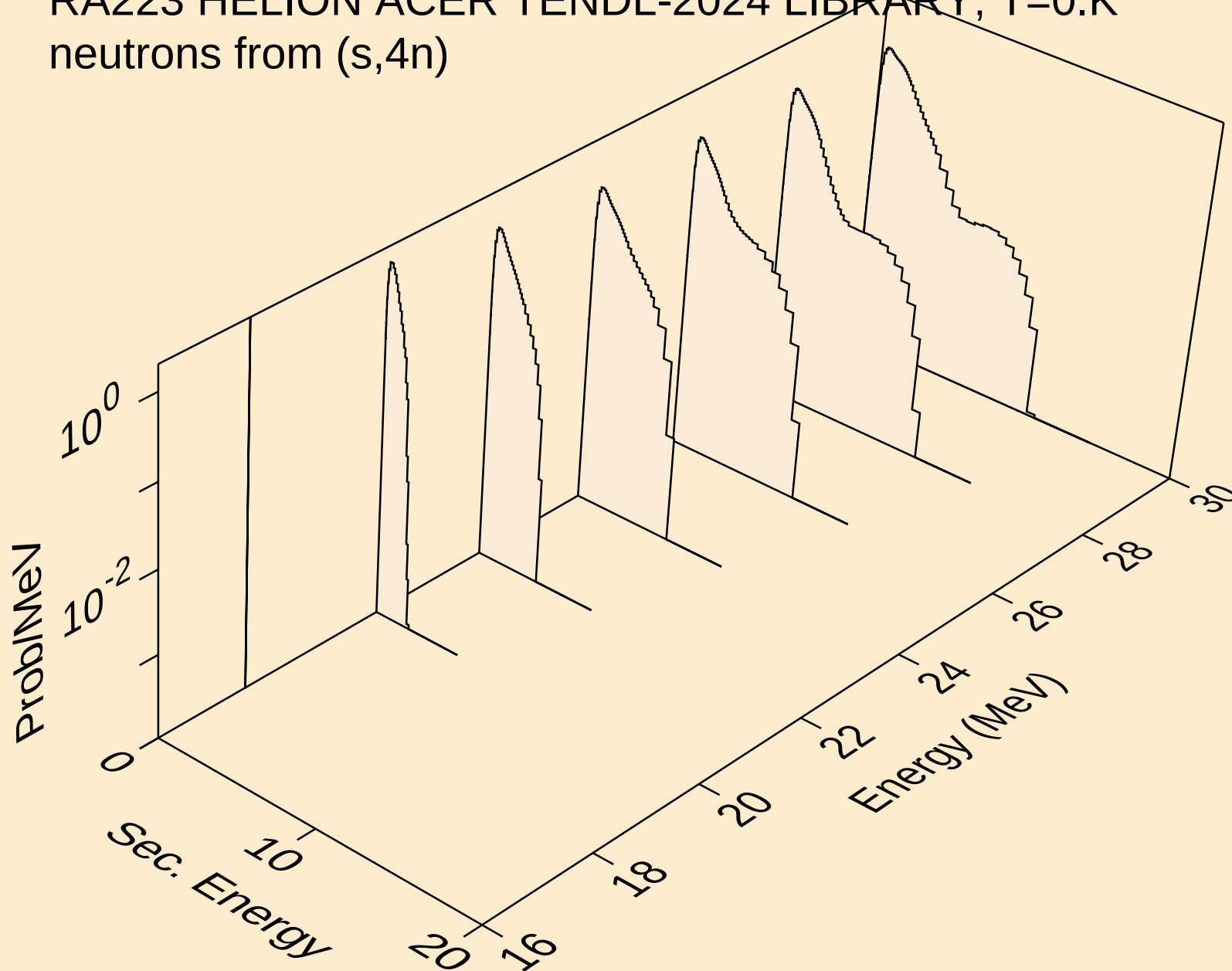
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



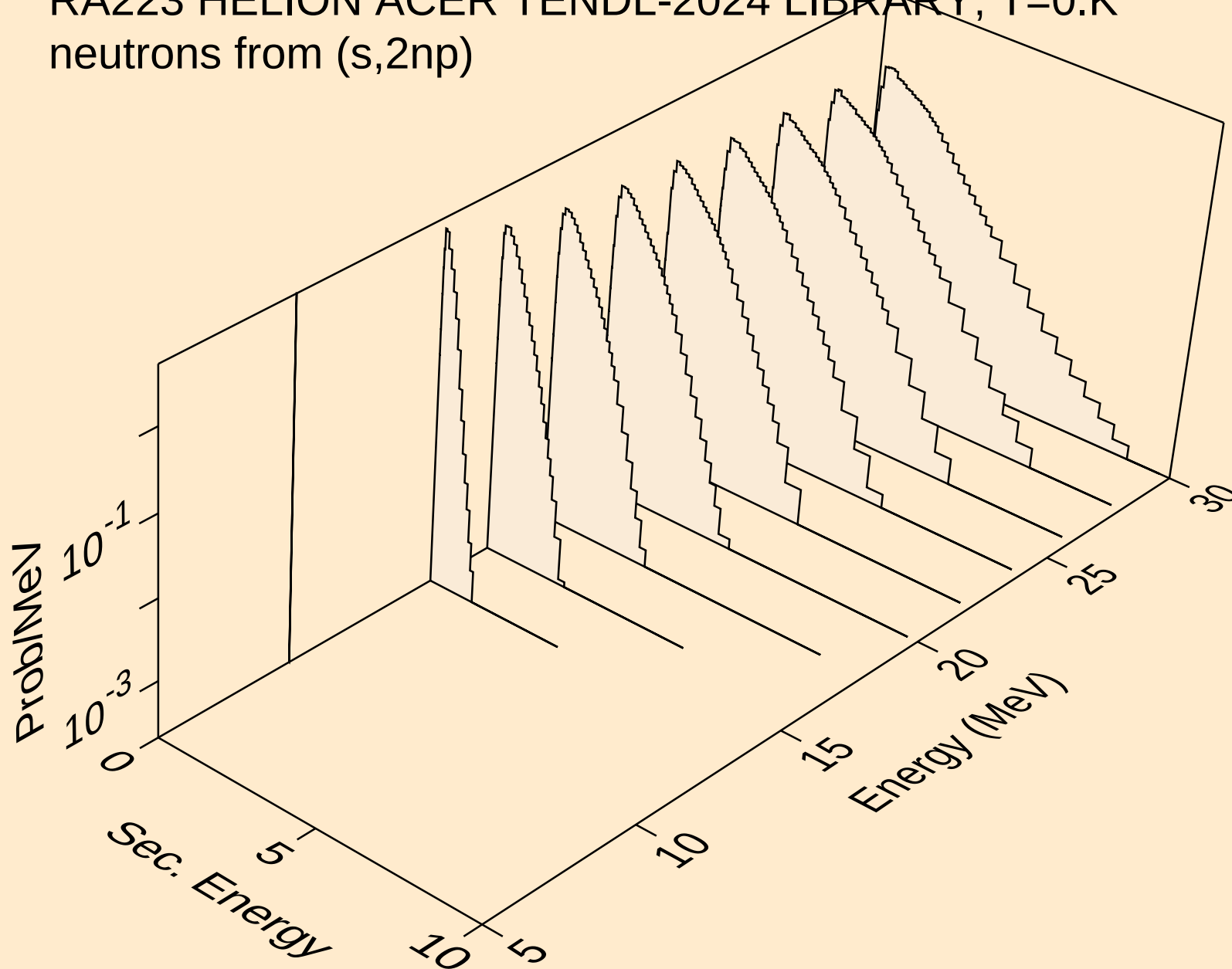
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



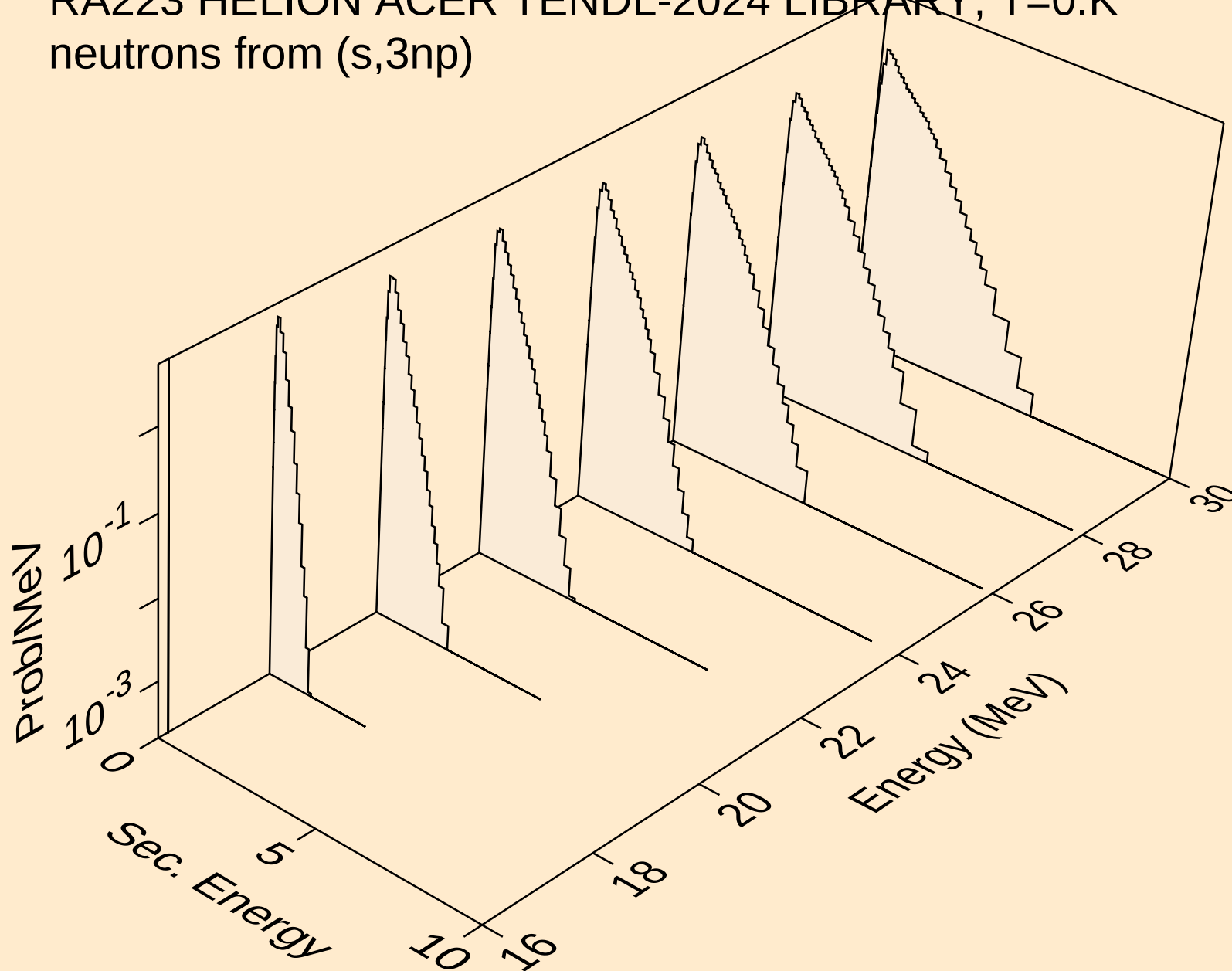
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



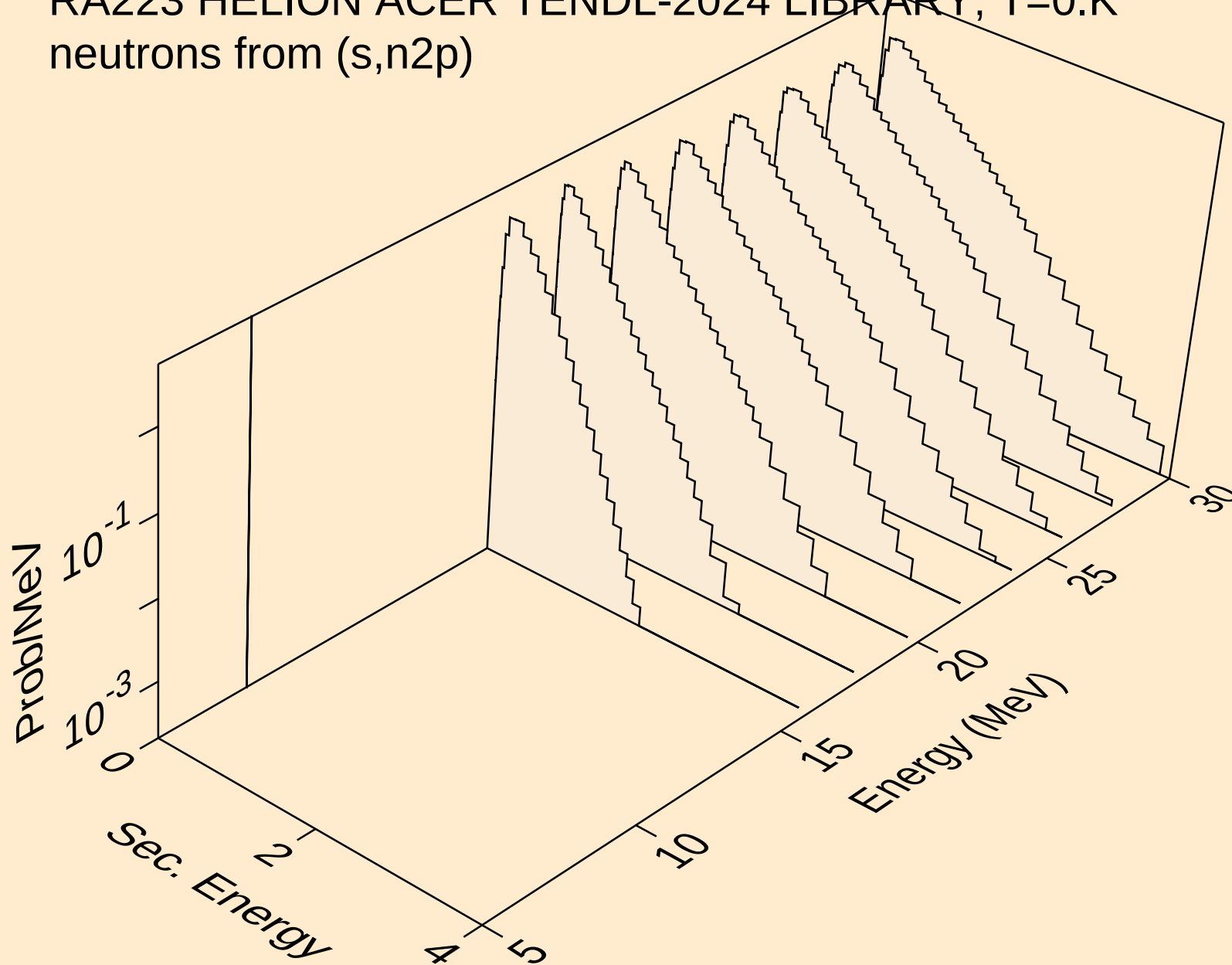
RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



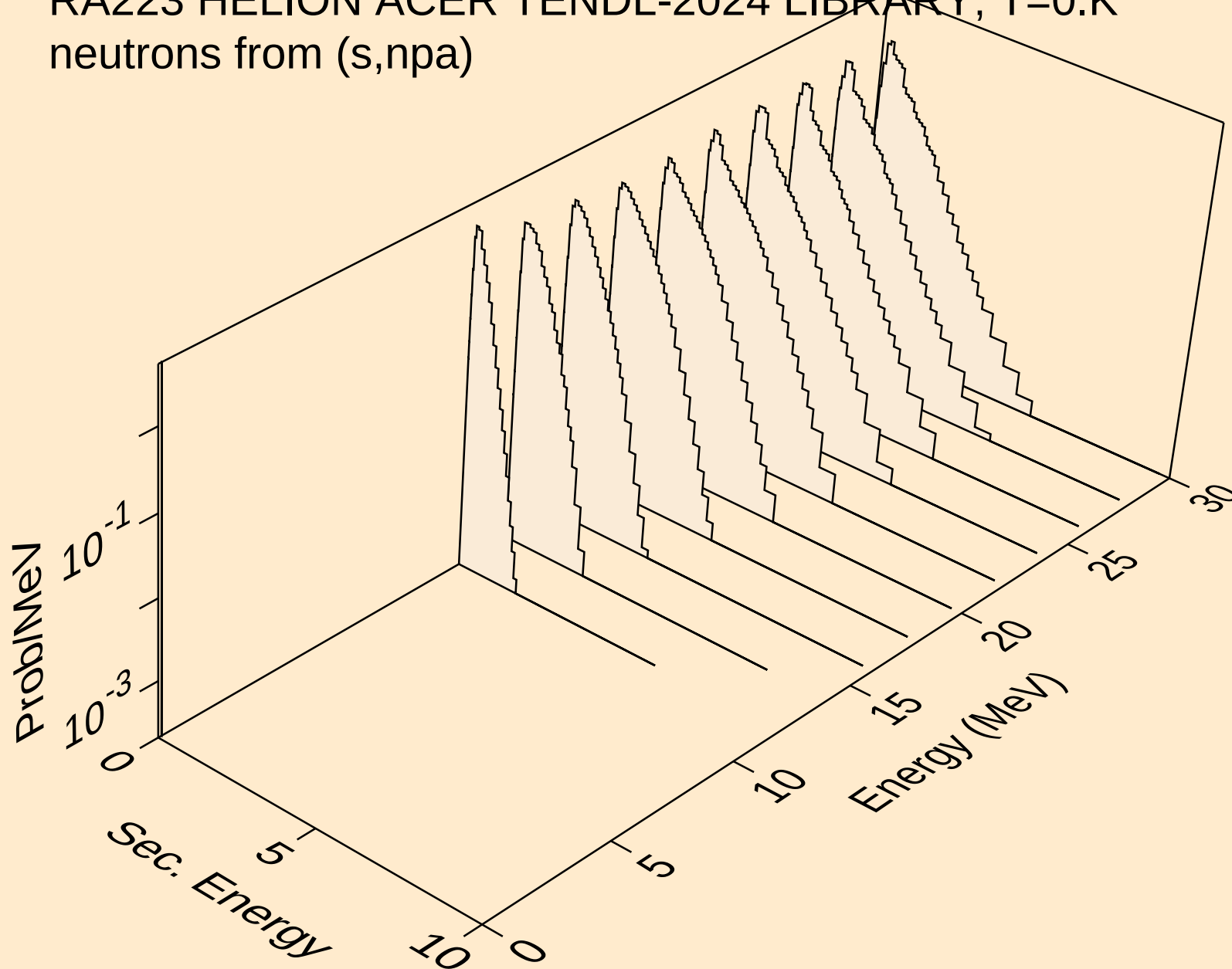
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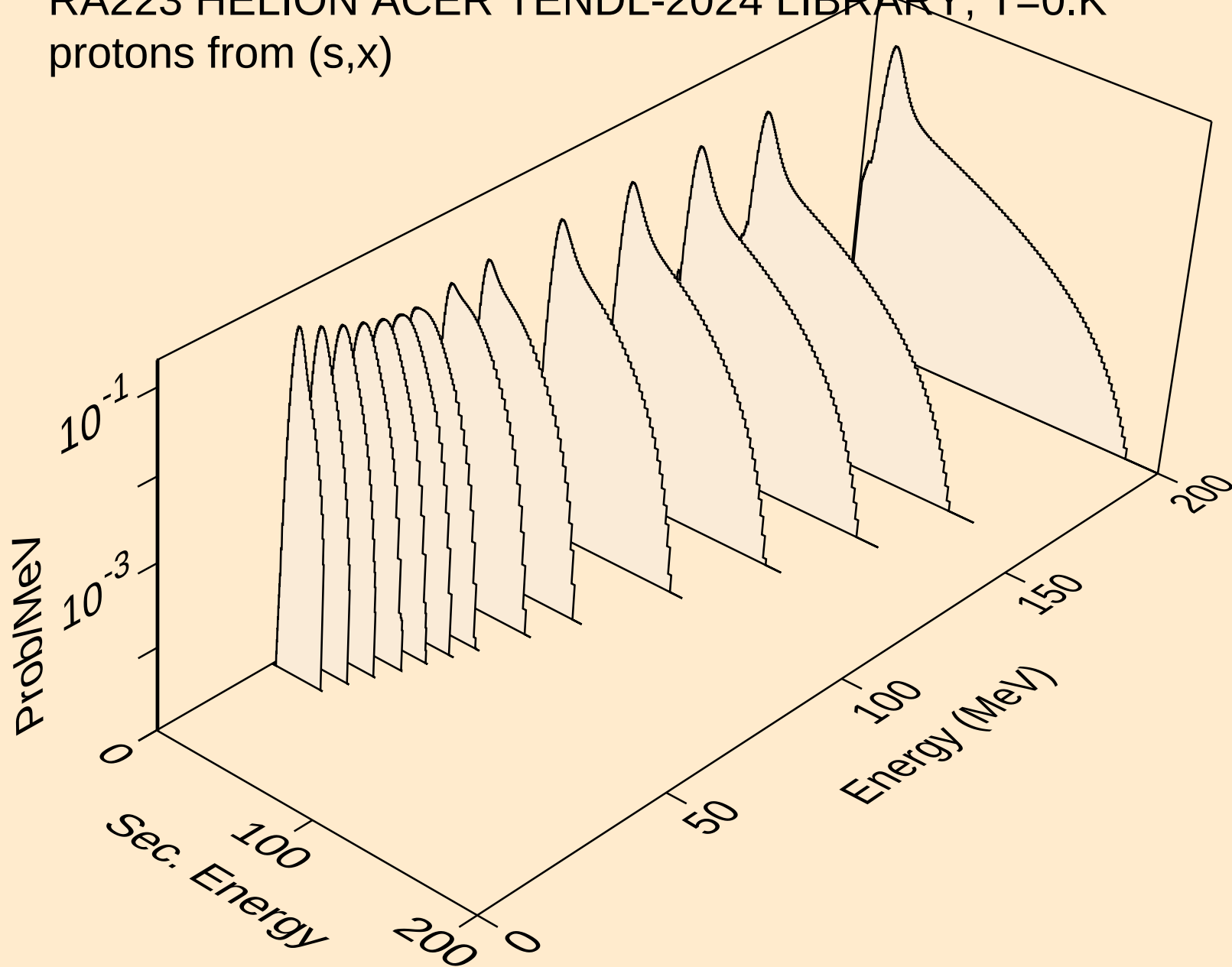
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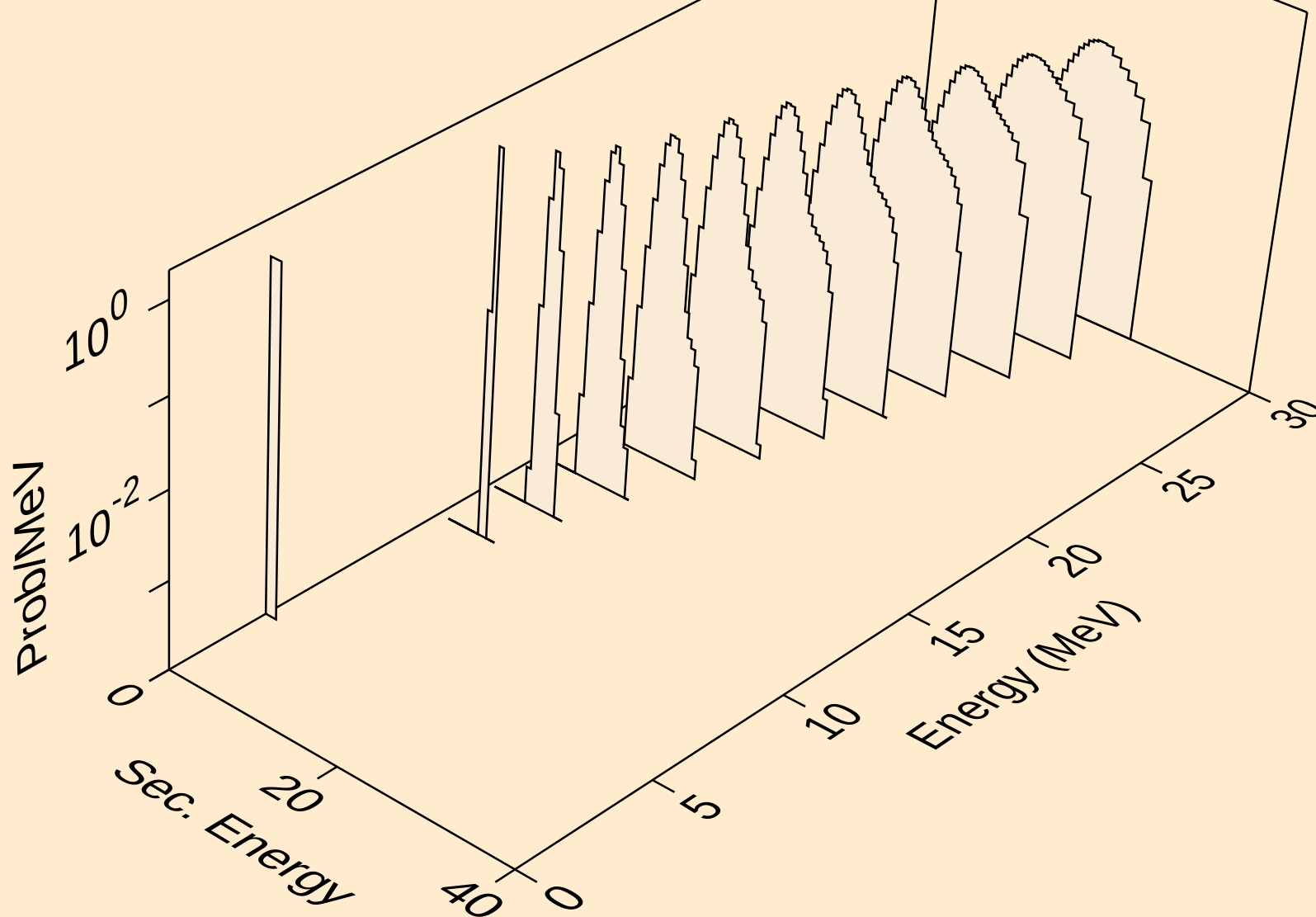
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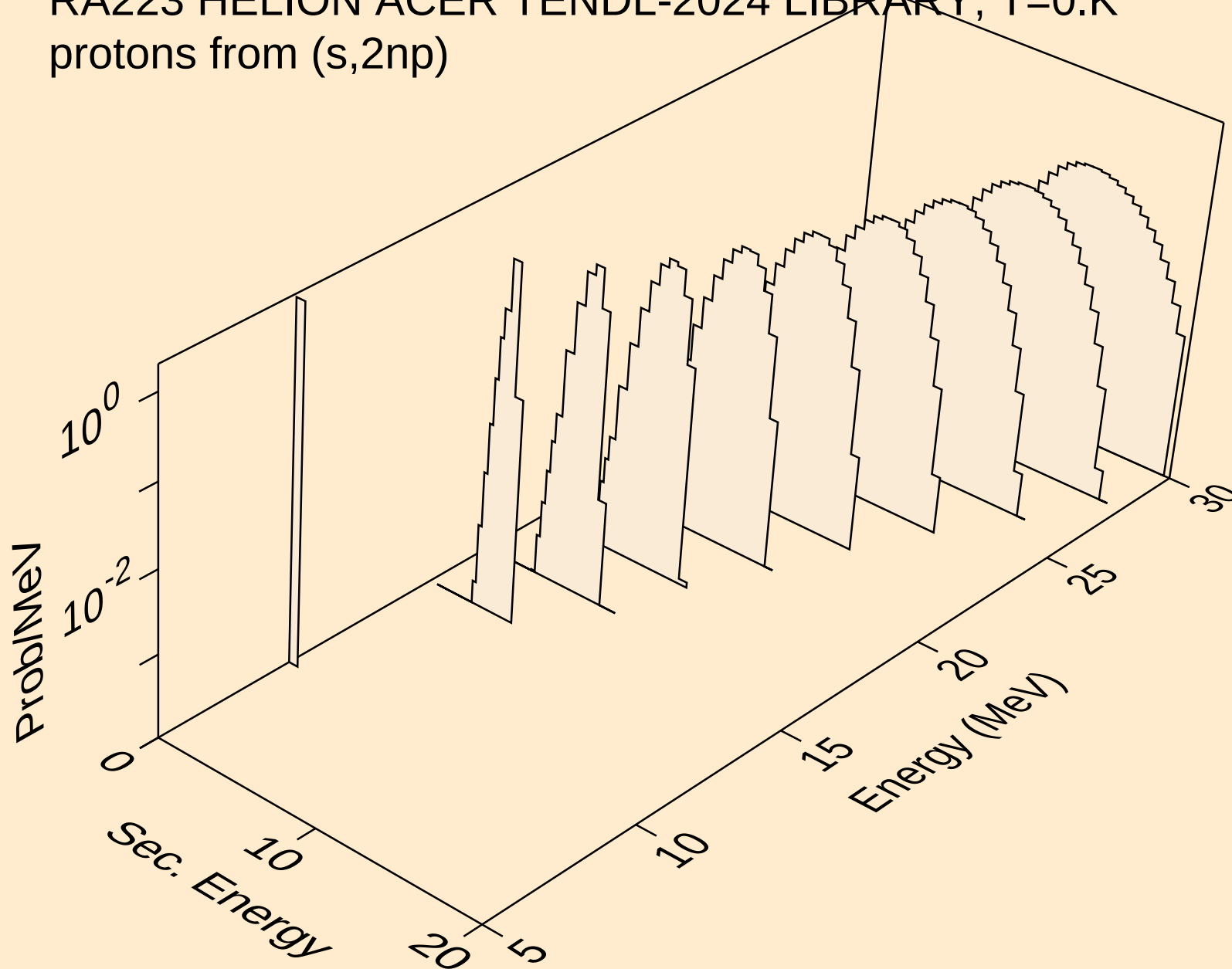
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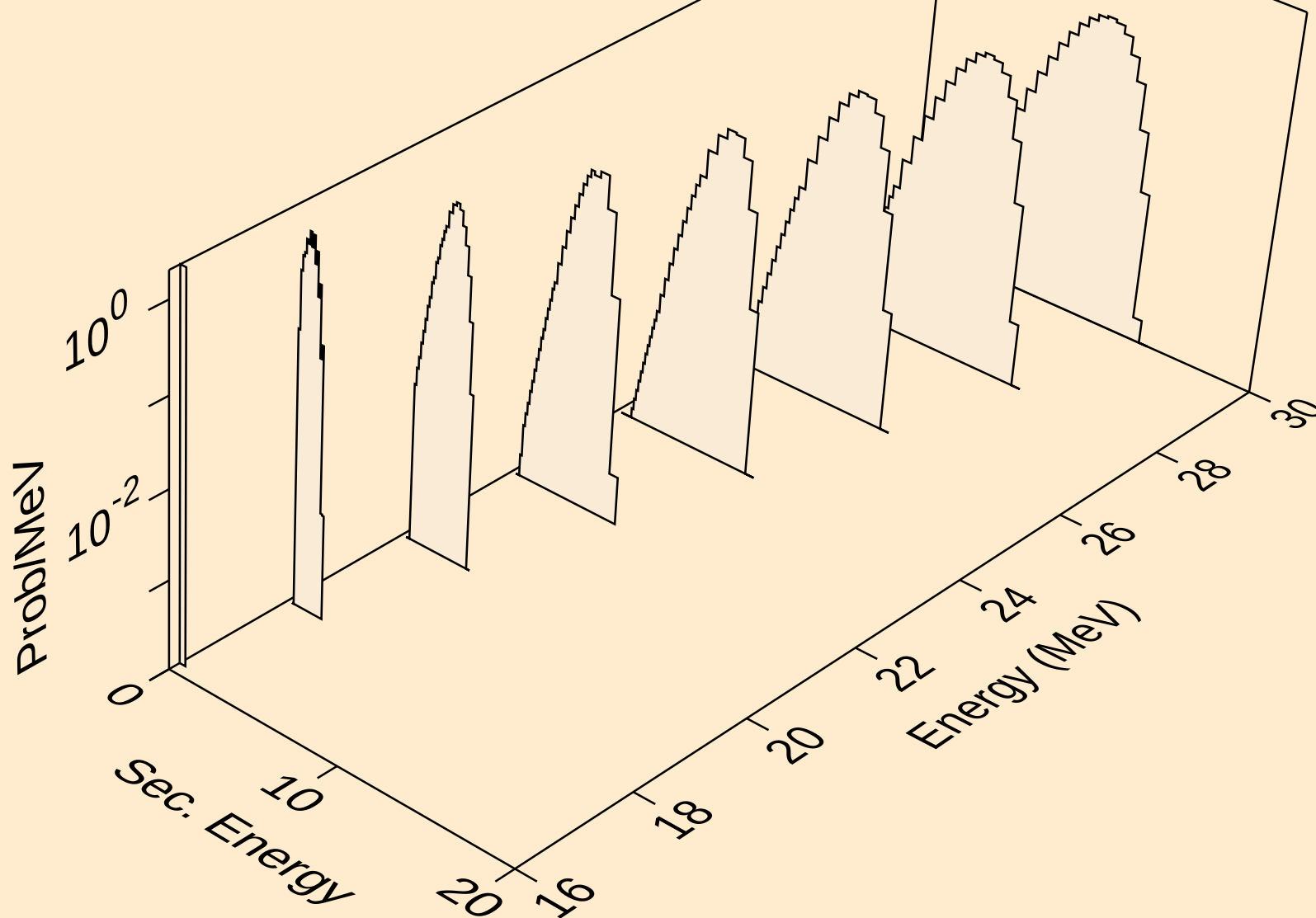
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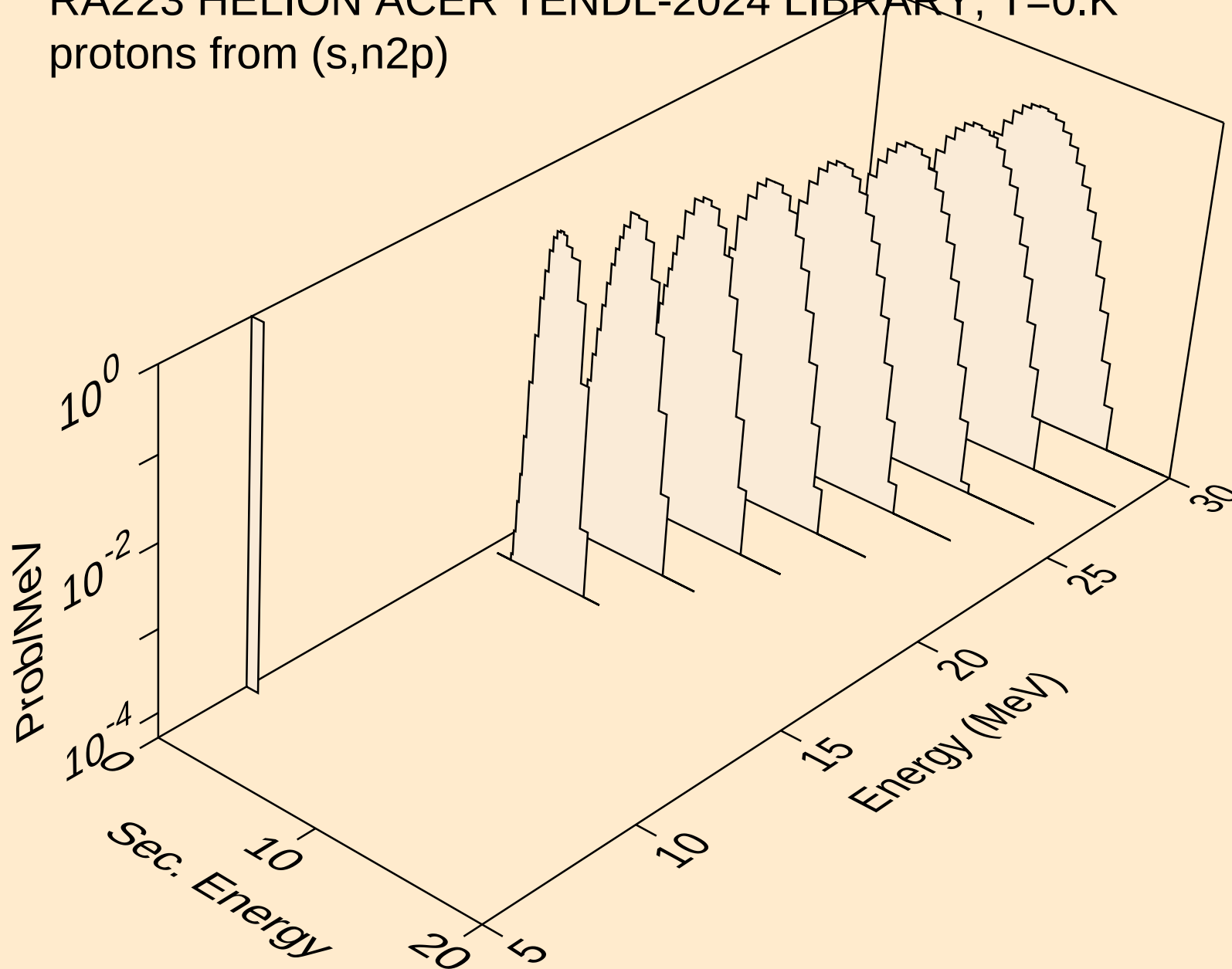
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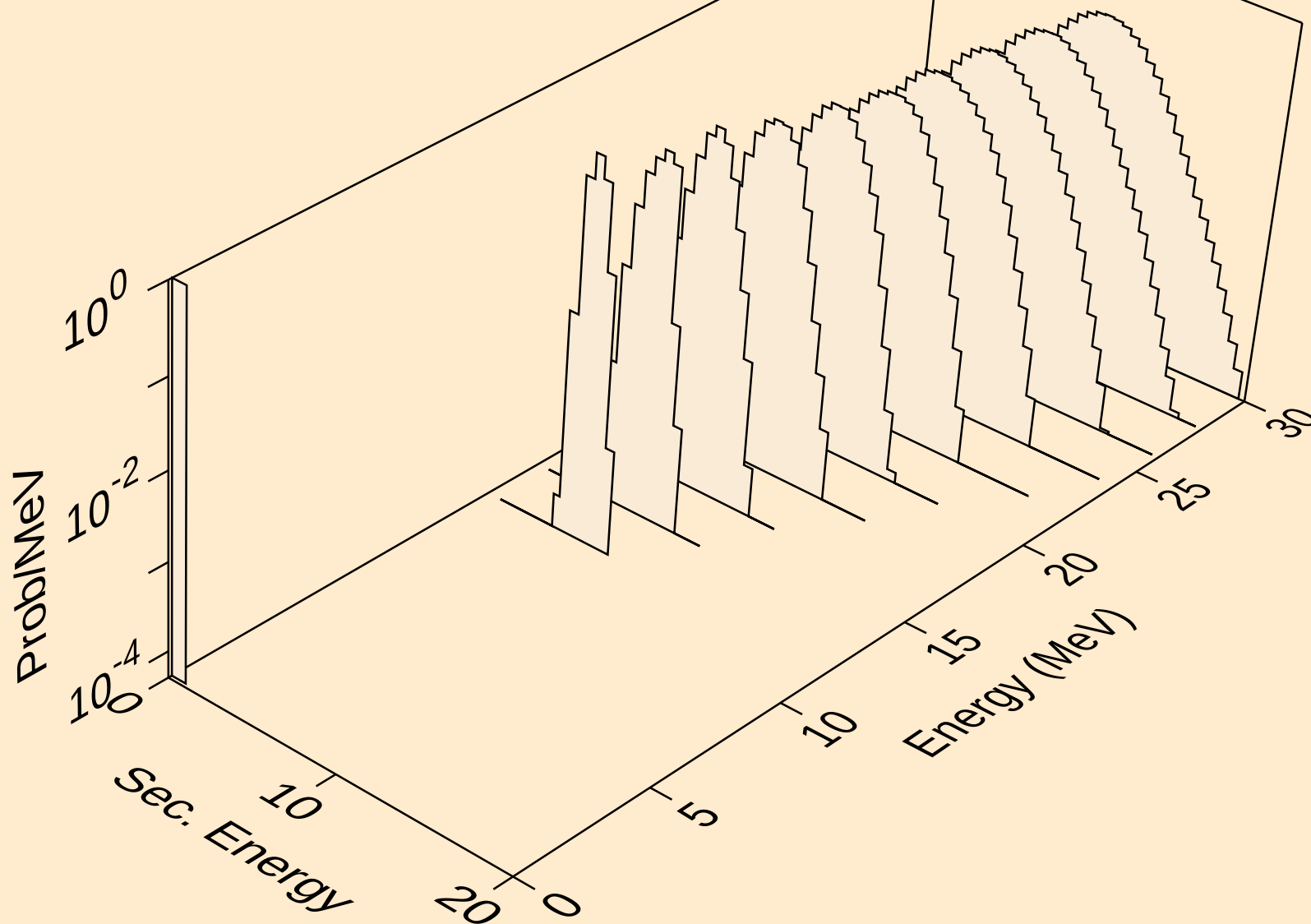
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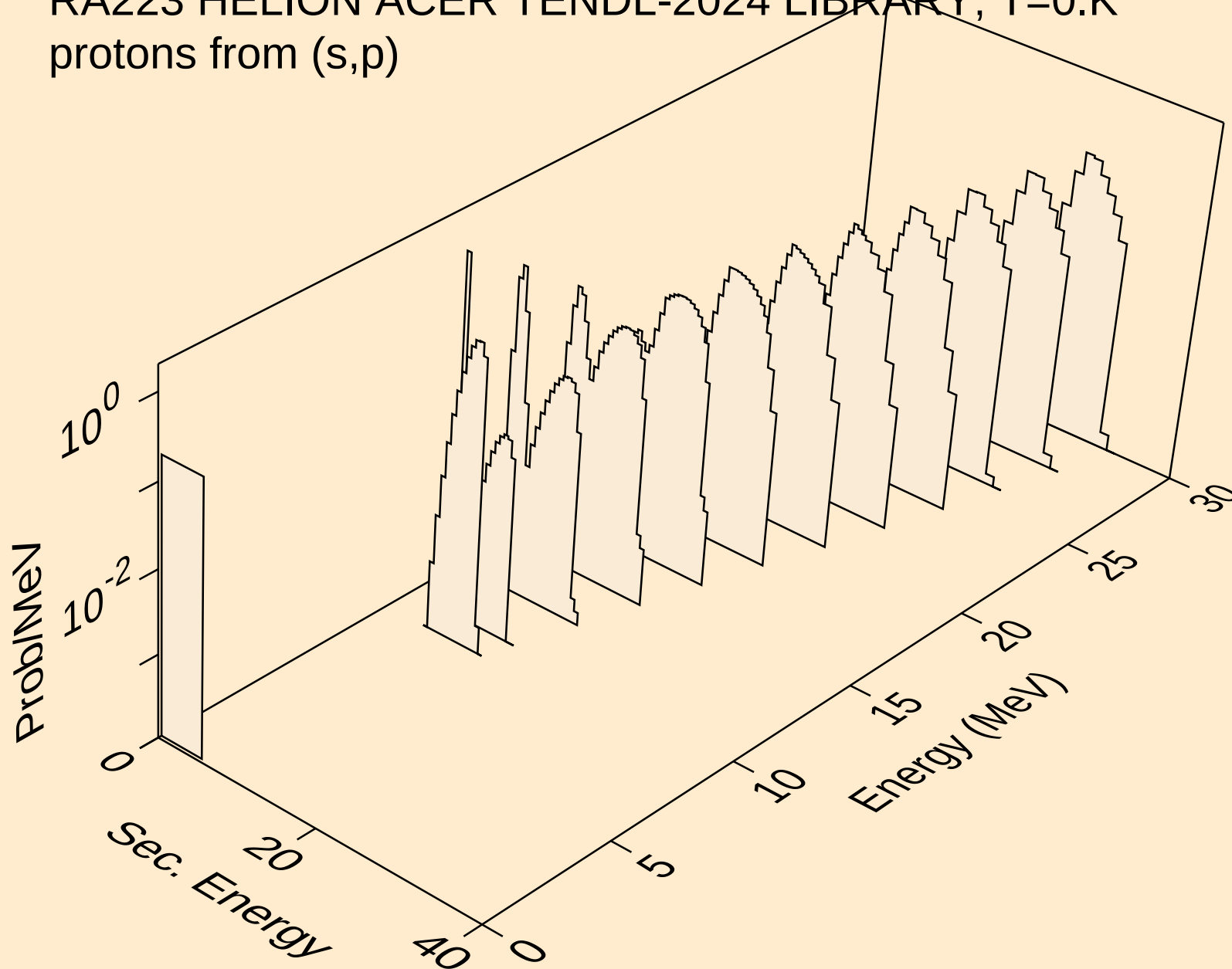
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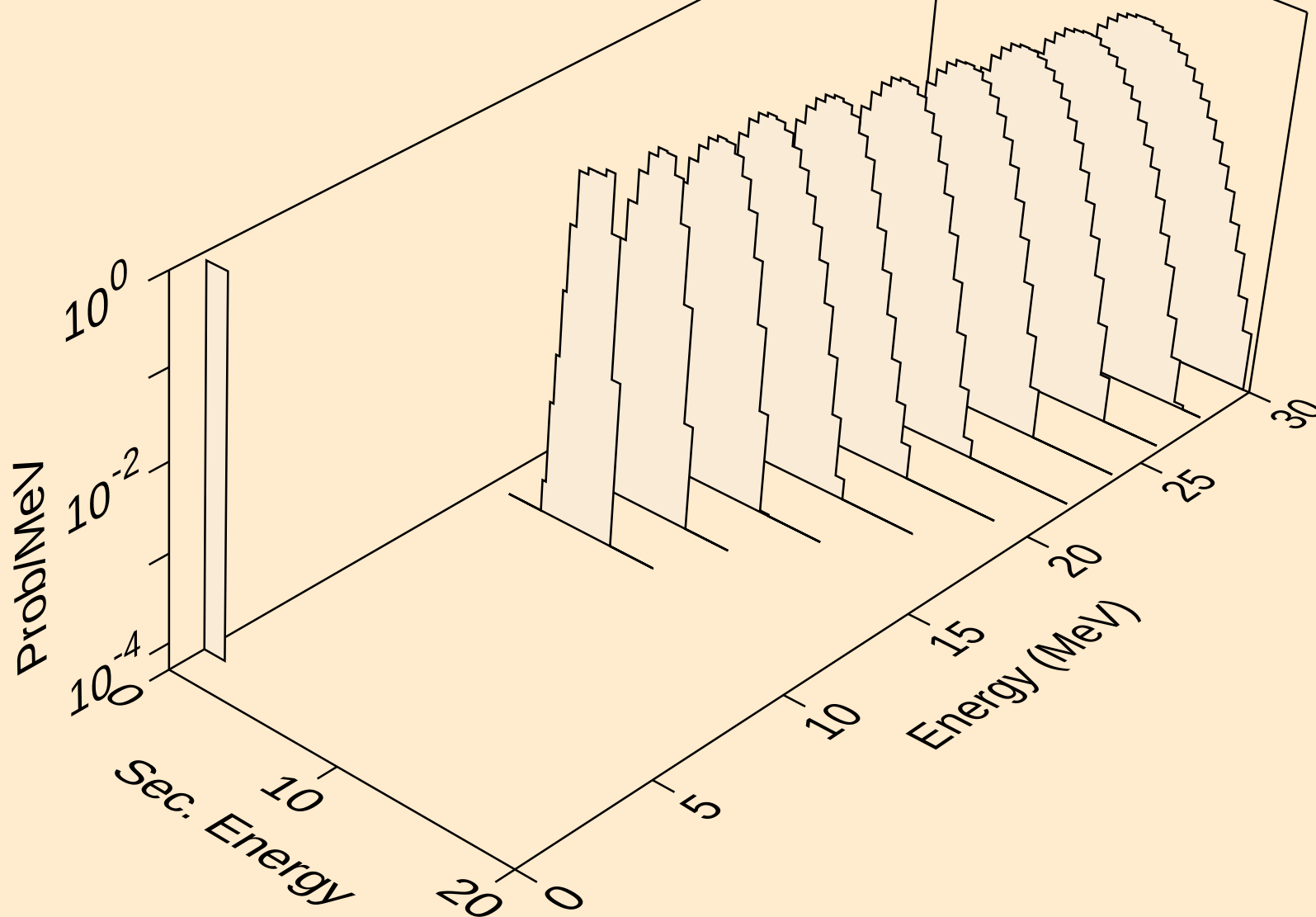
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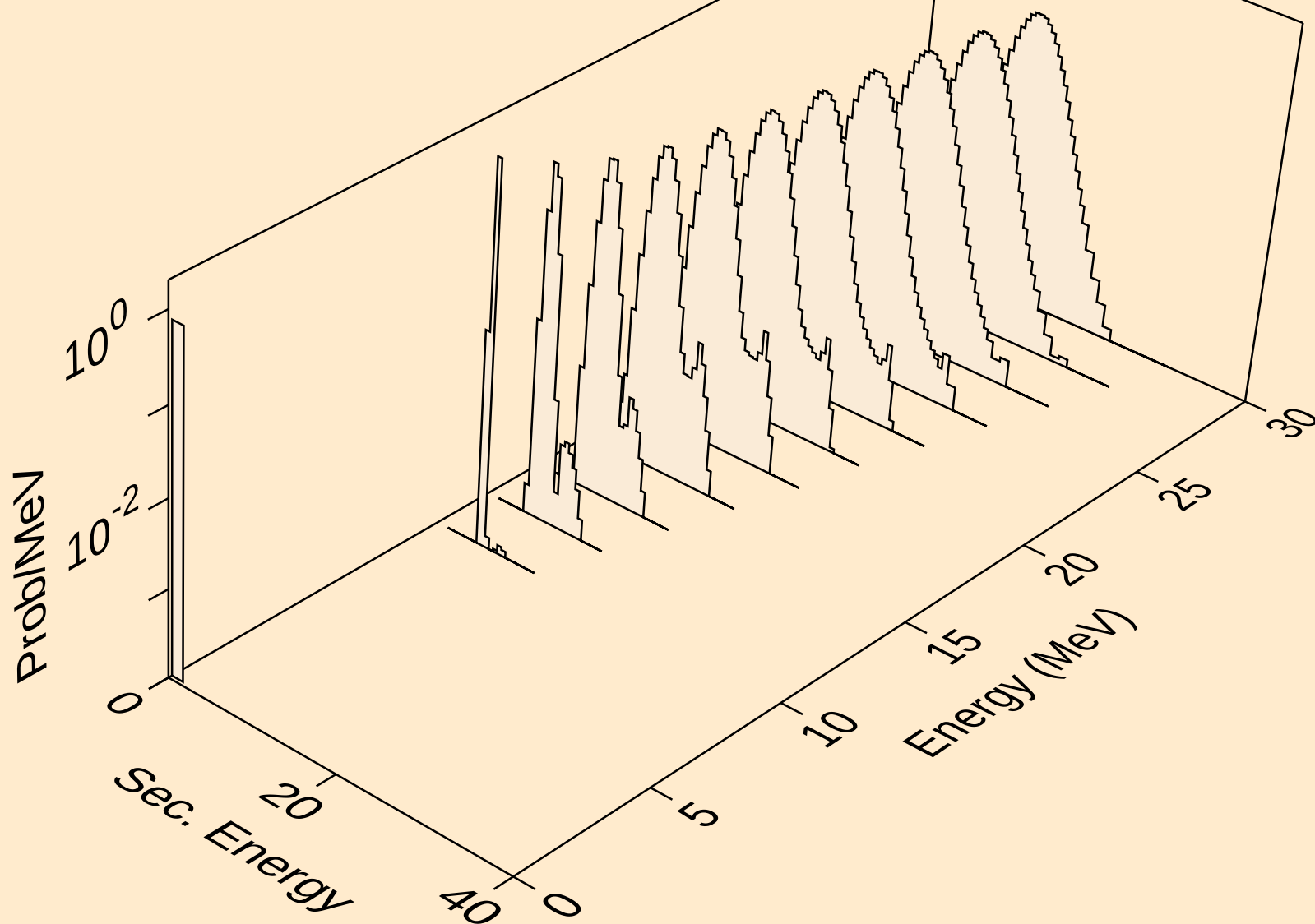
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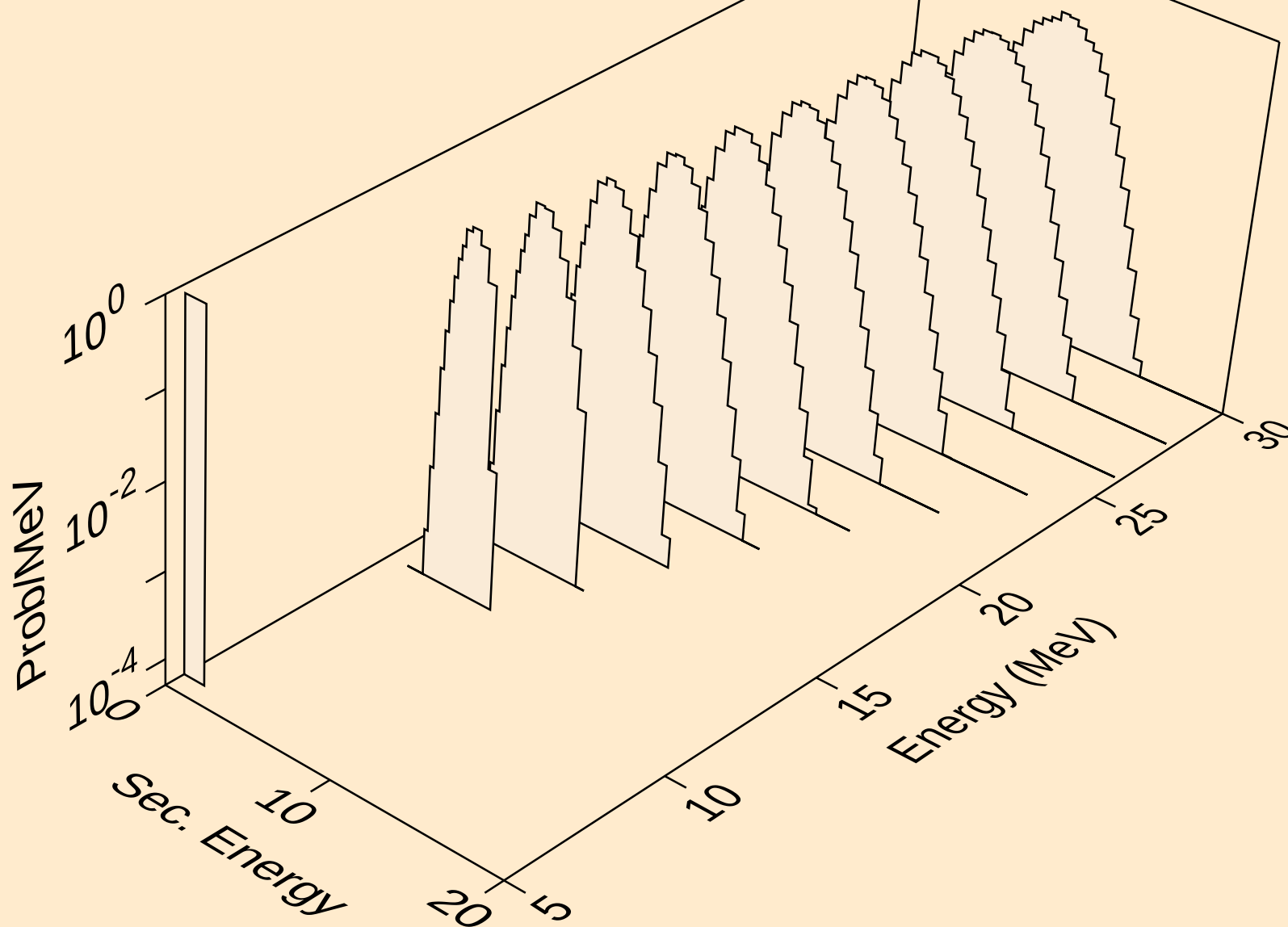
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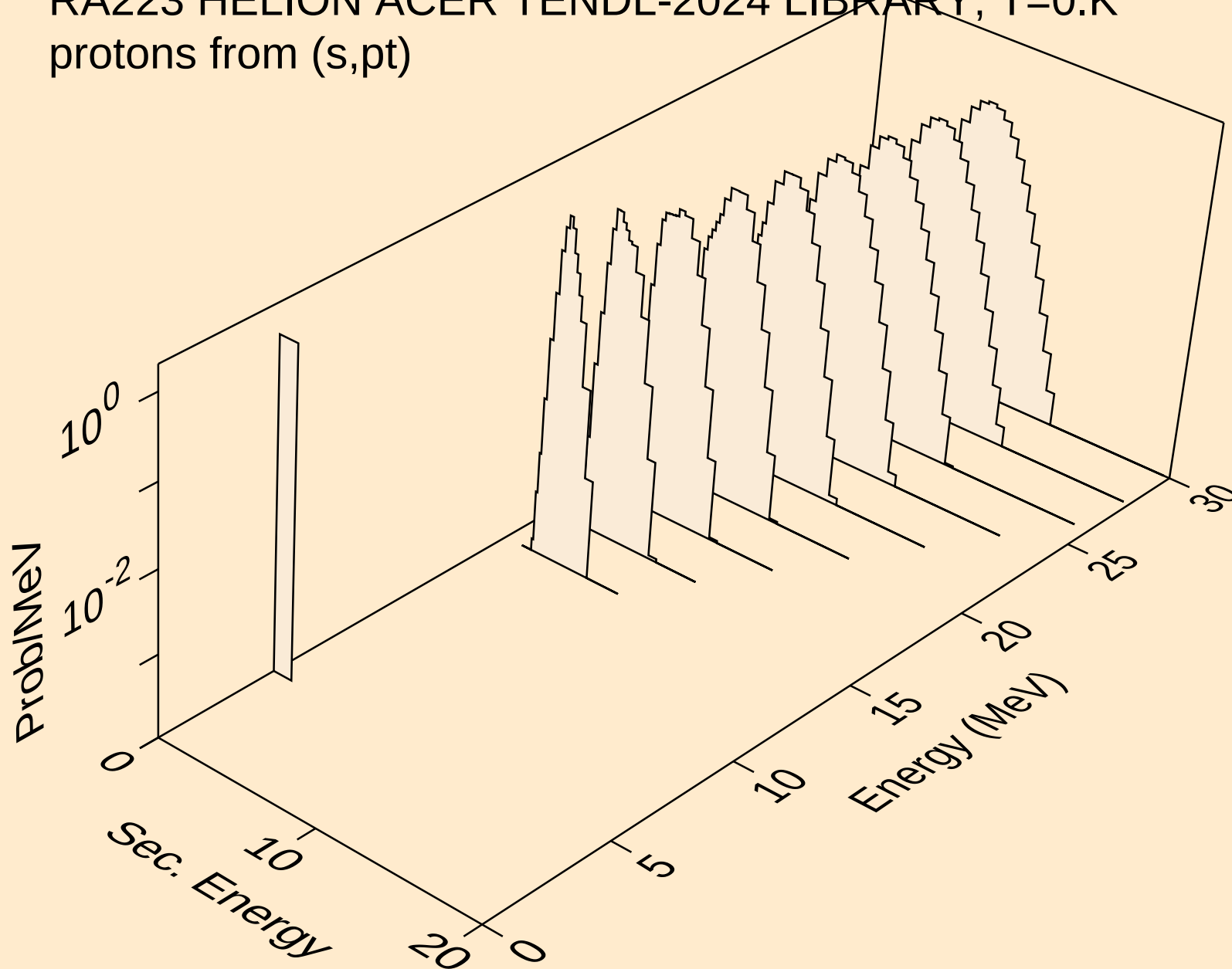
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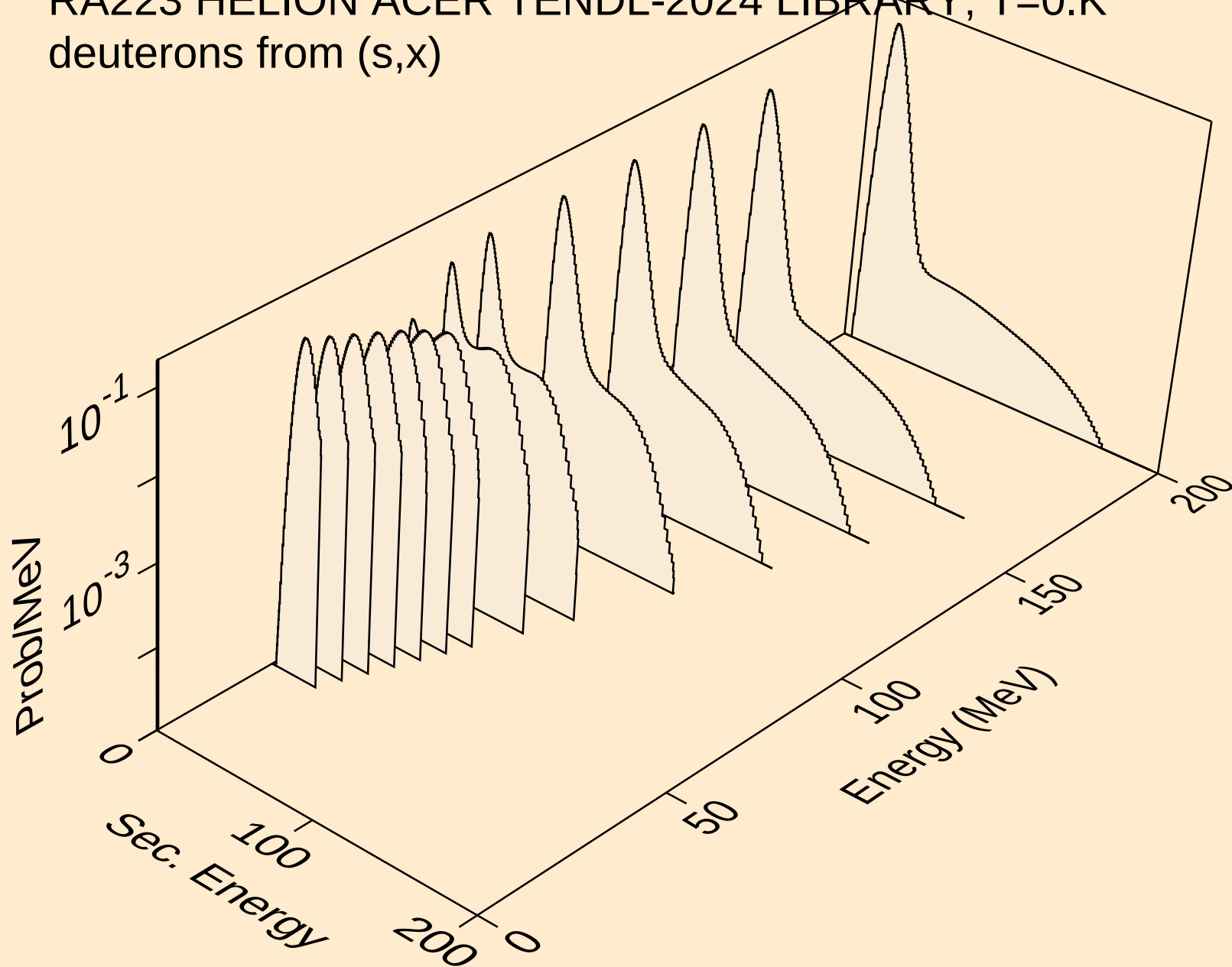
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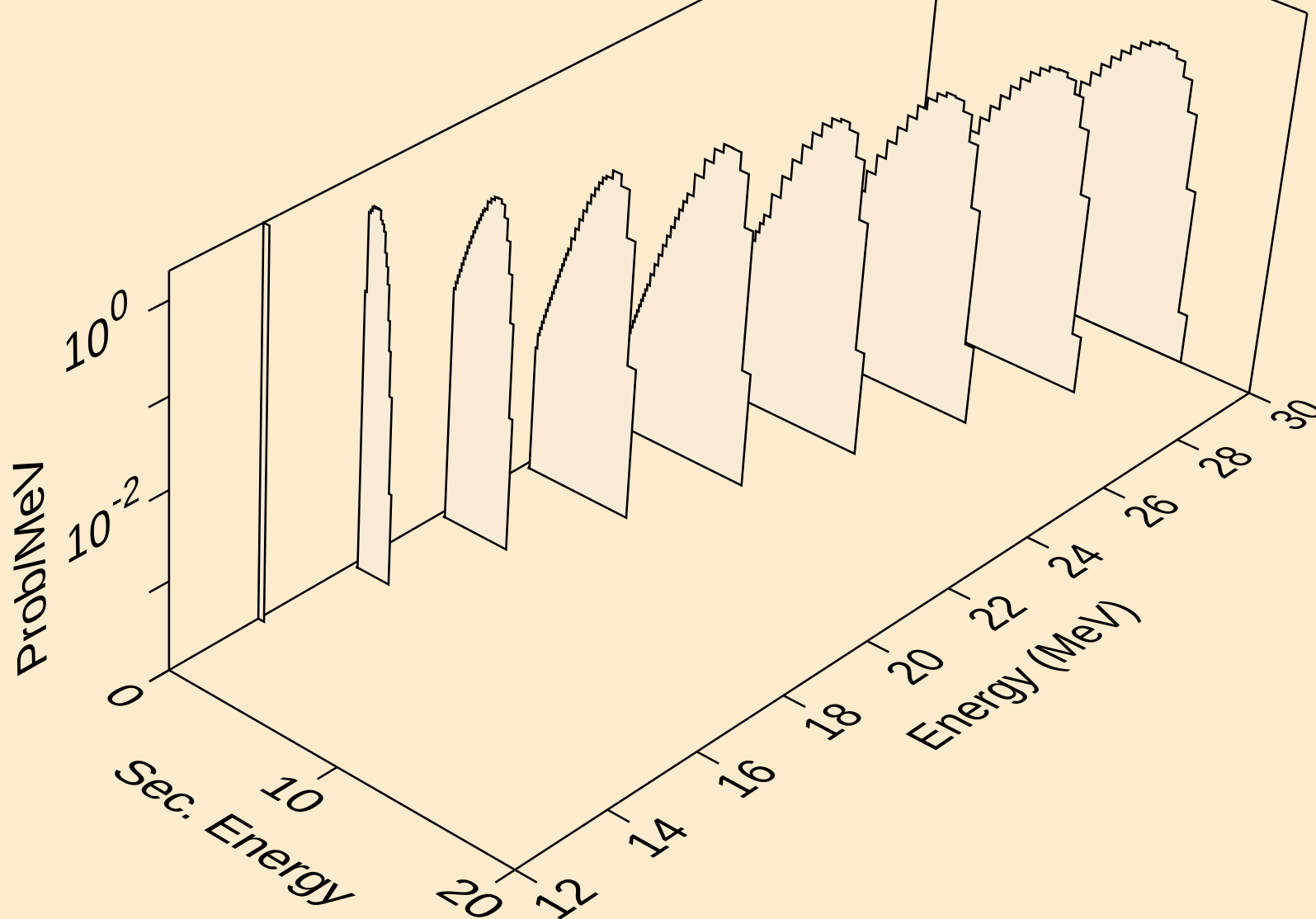
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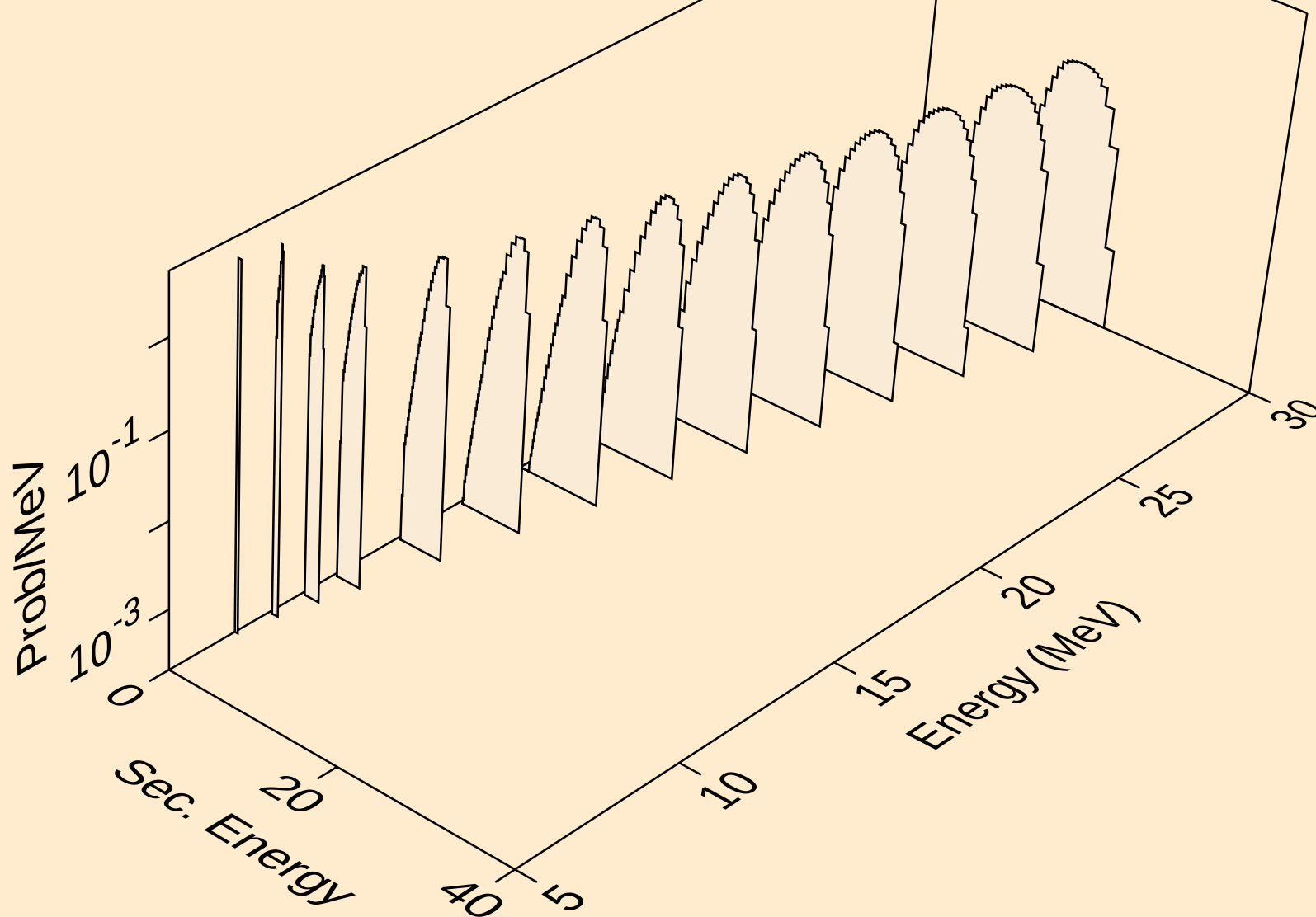
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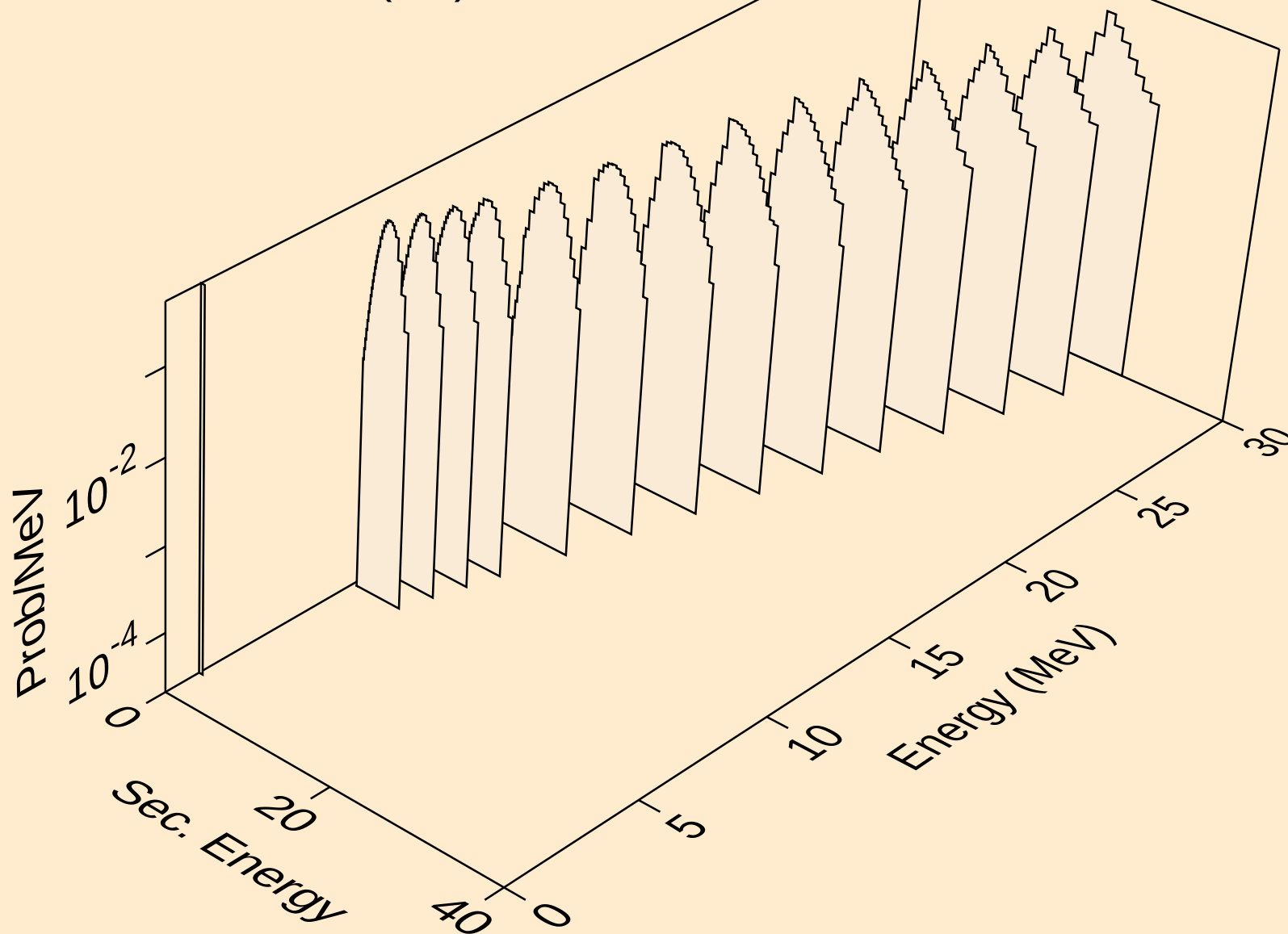
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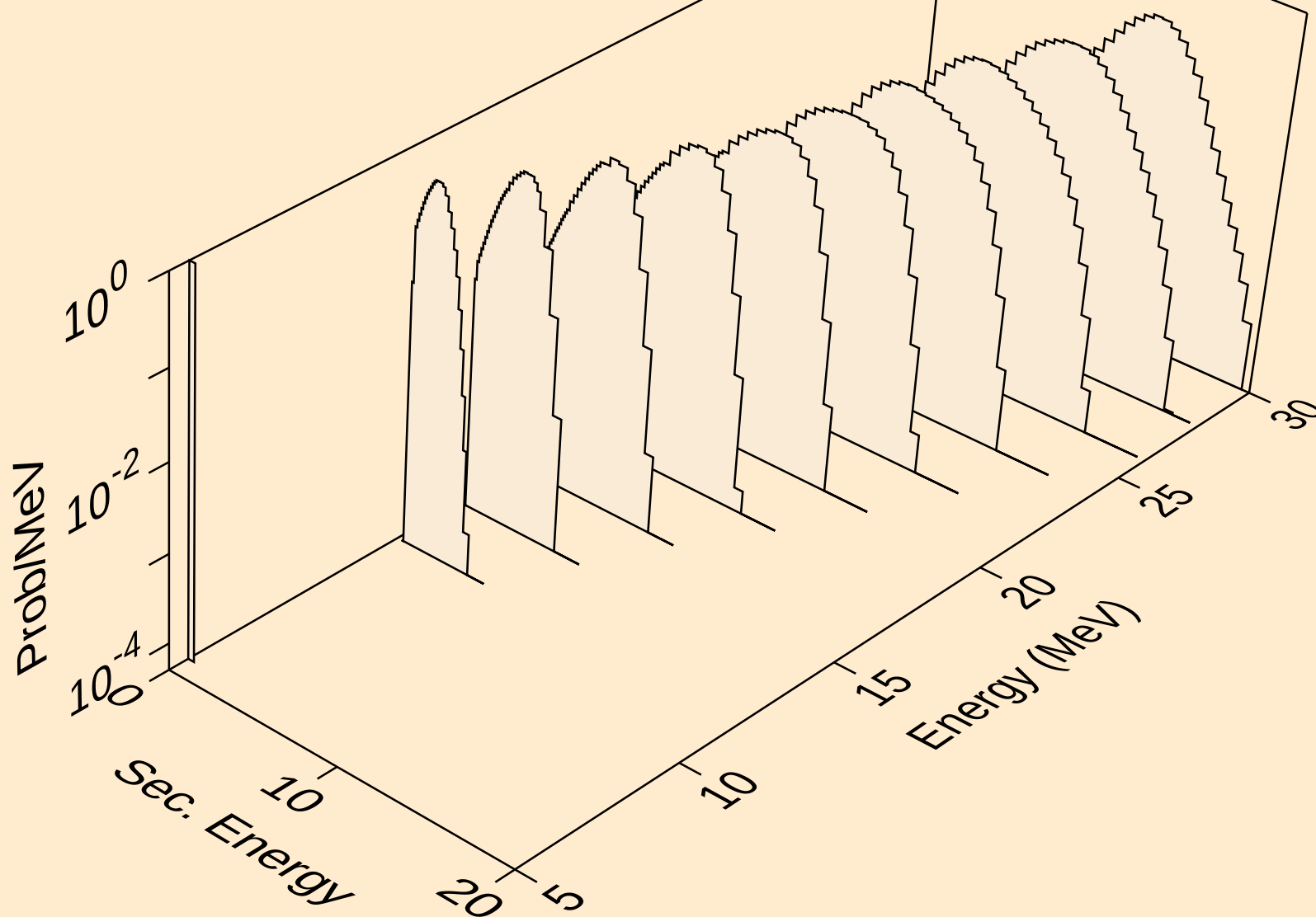
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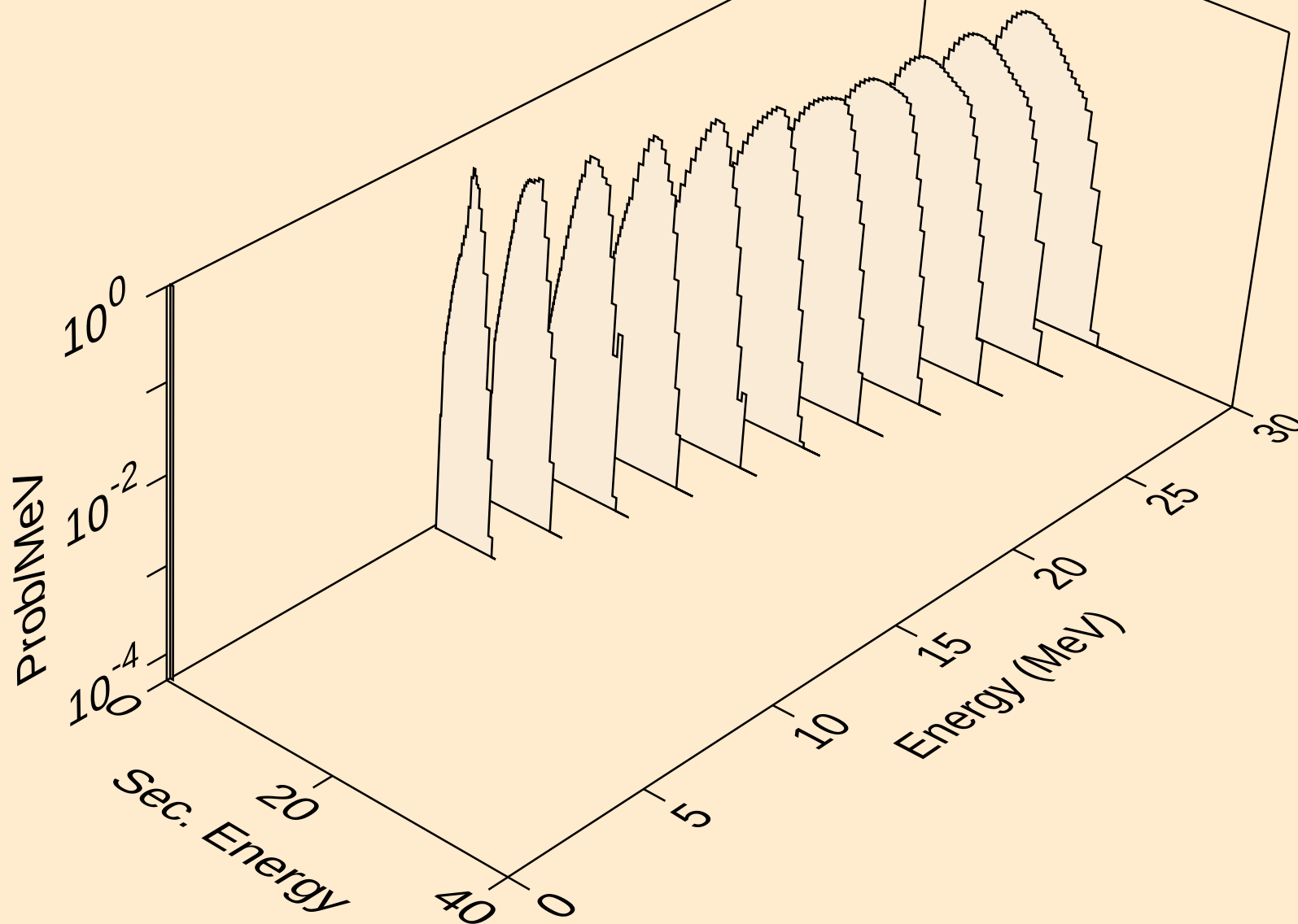
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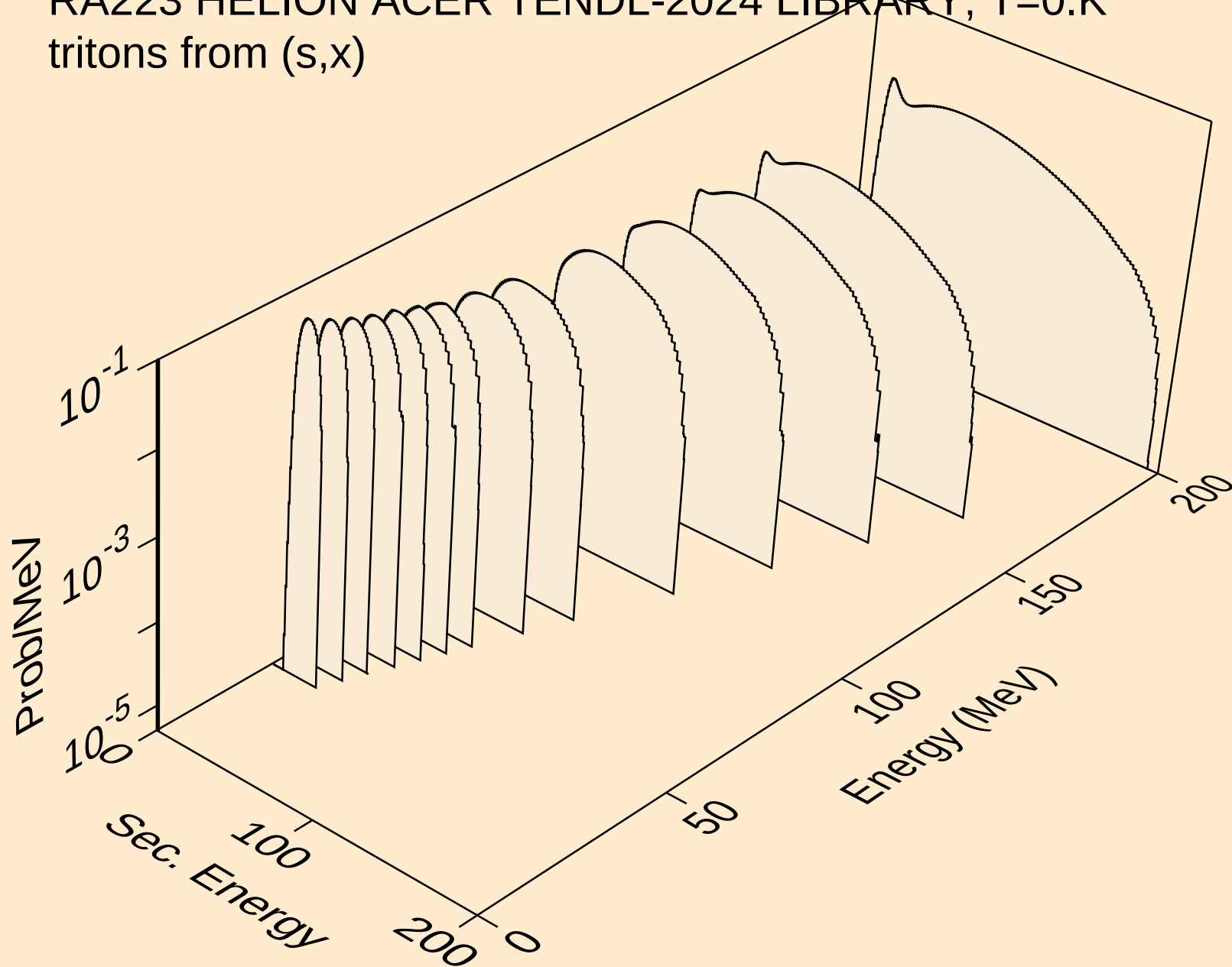
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deuterons from (s,pd)



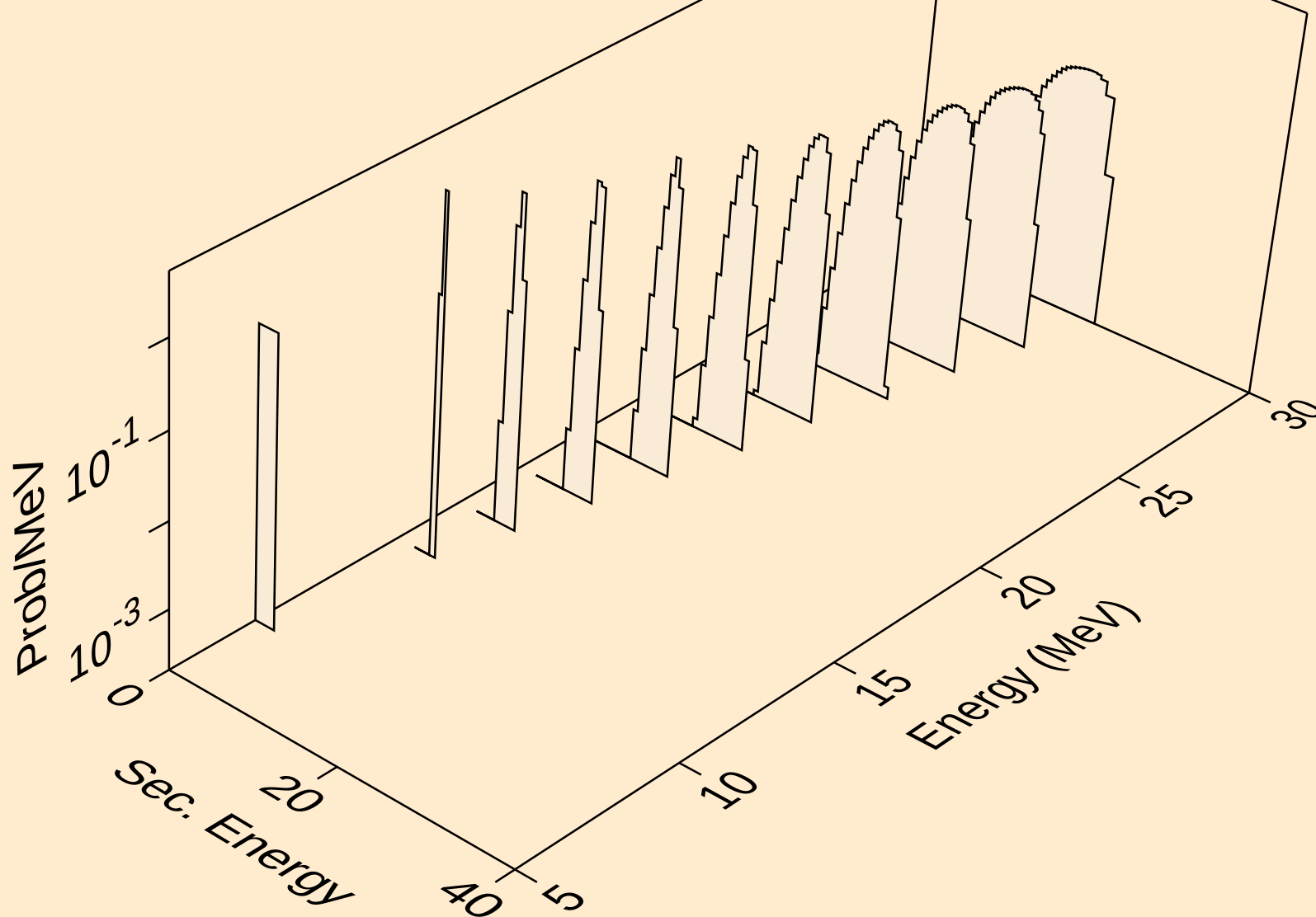
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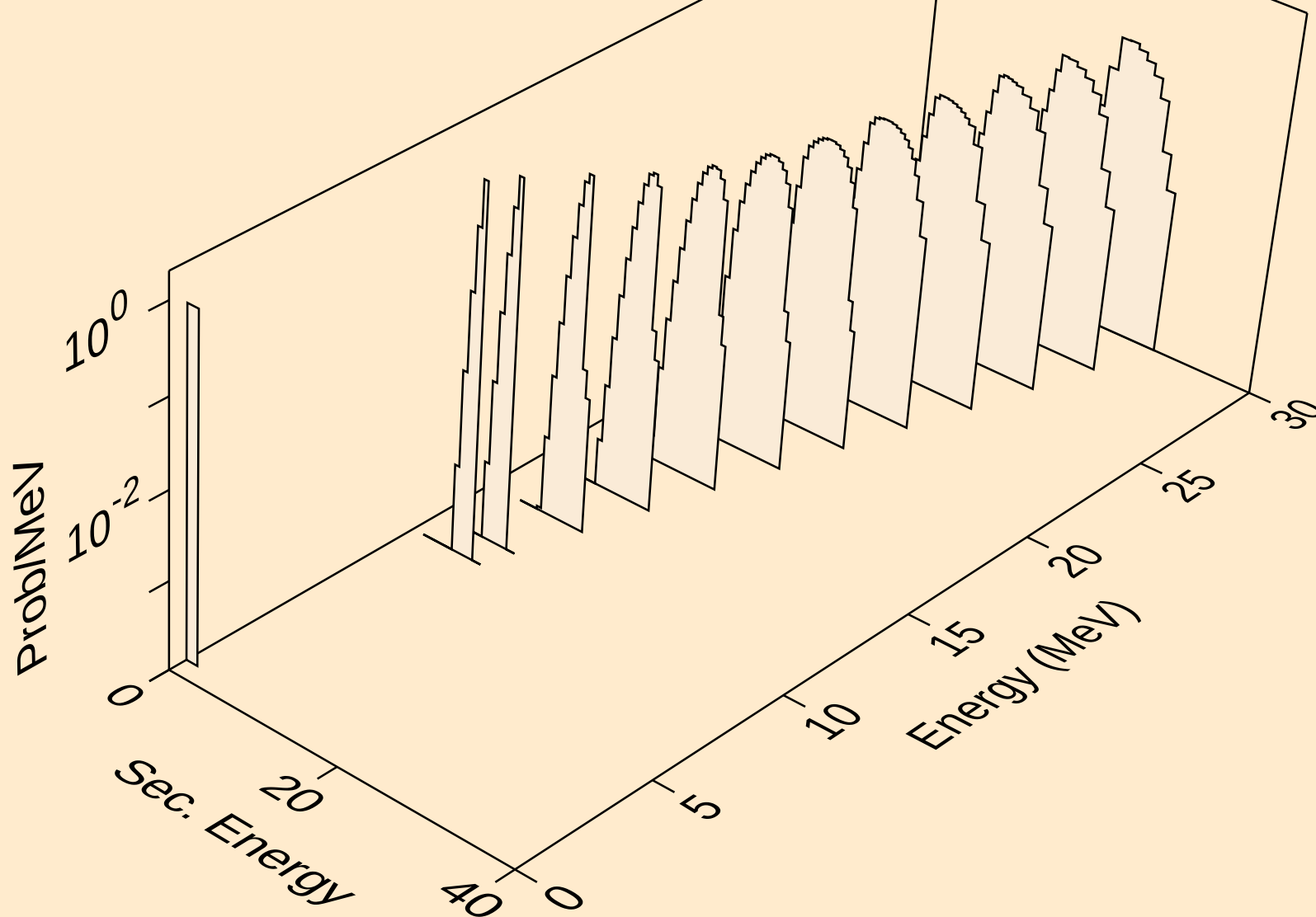
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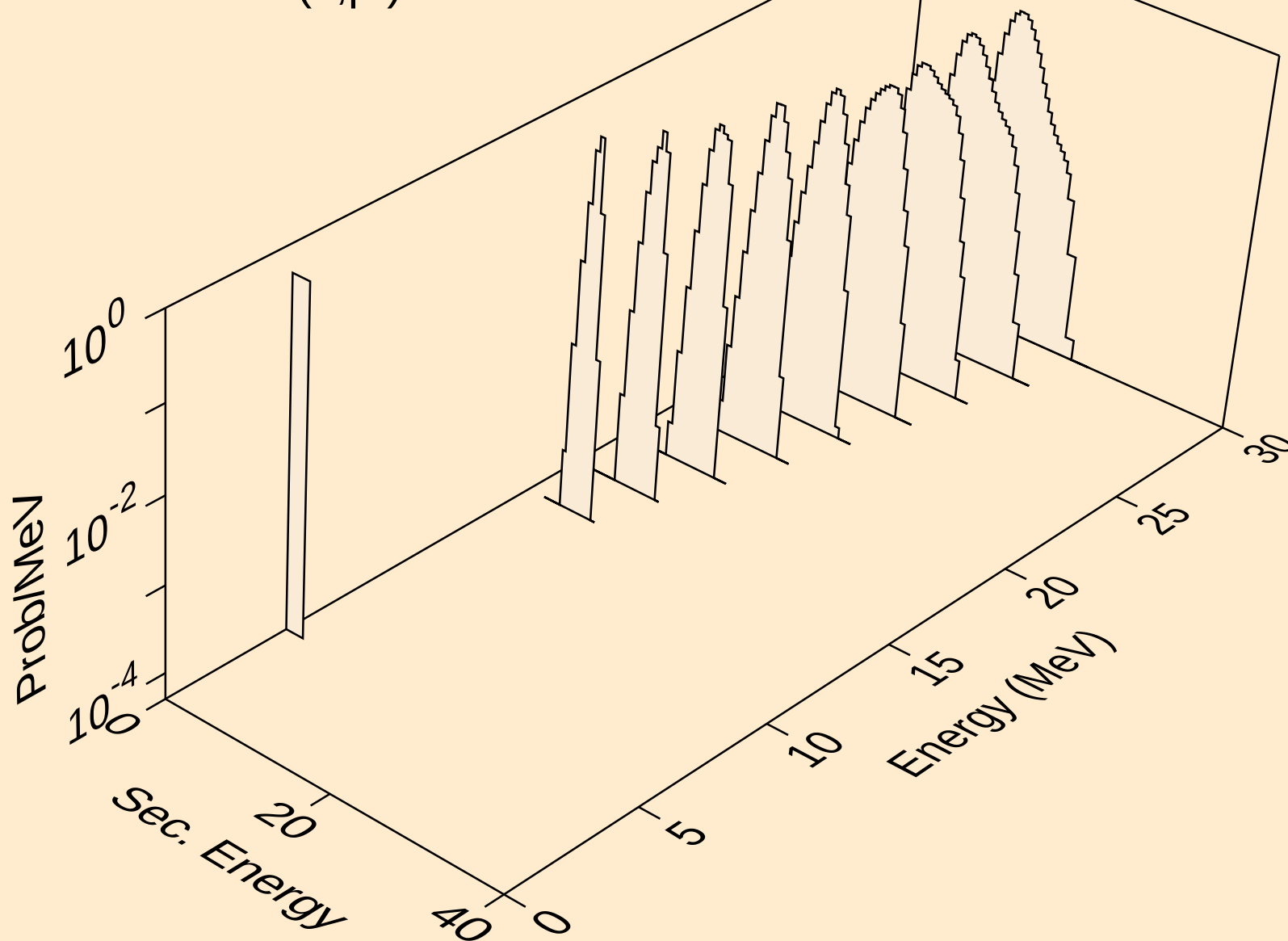
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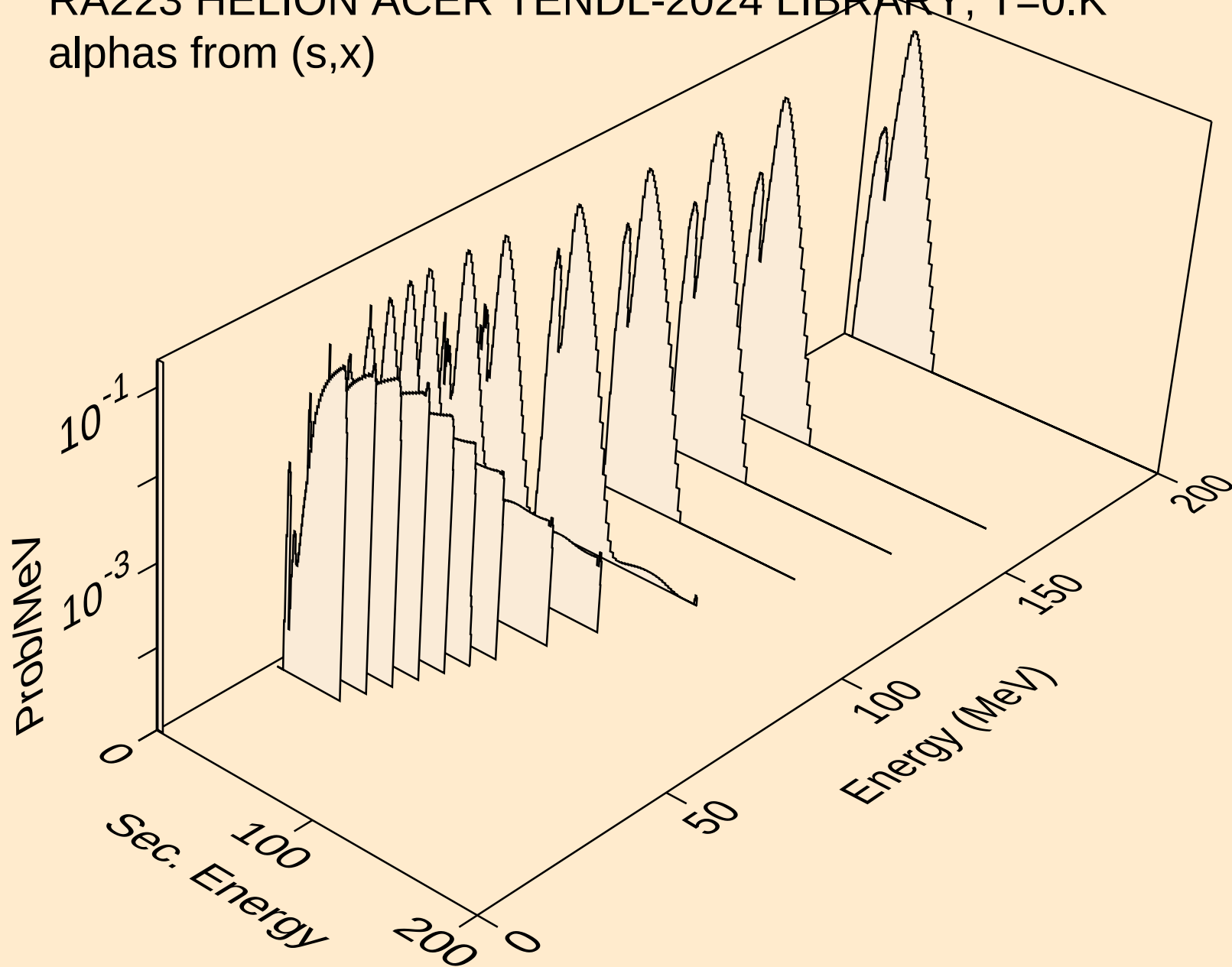
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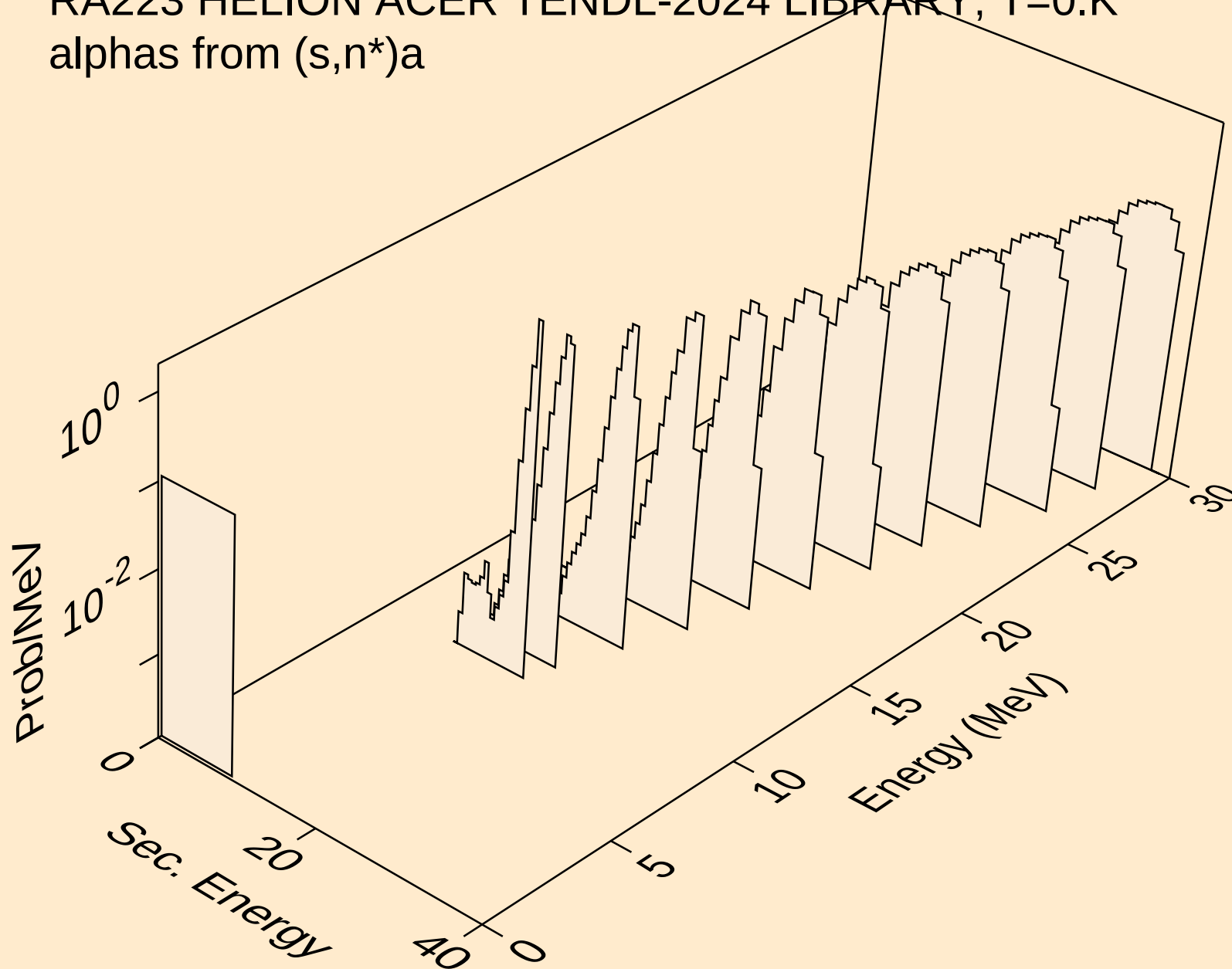
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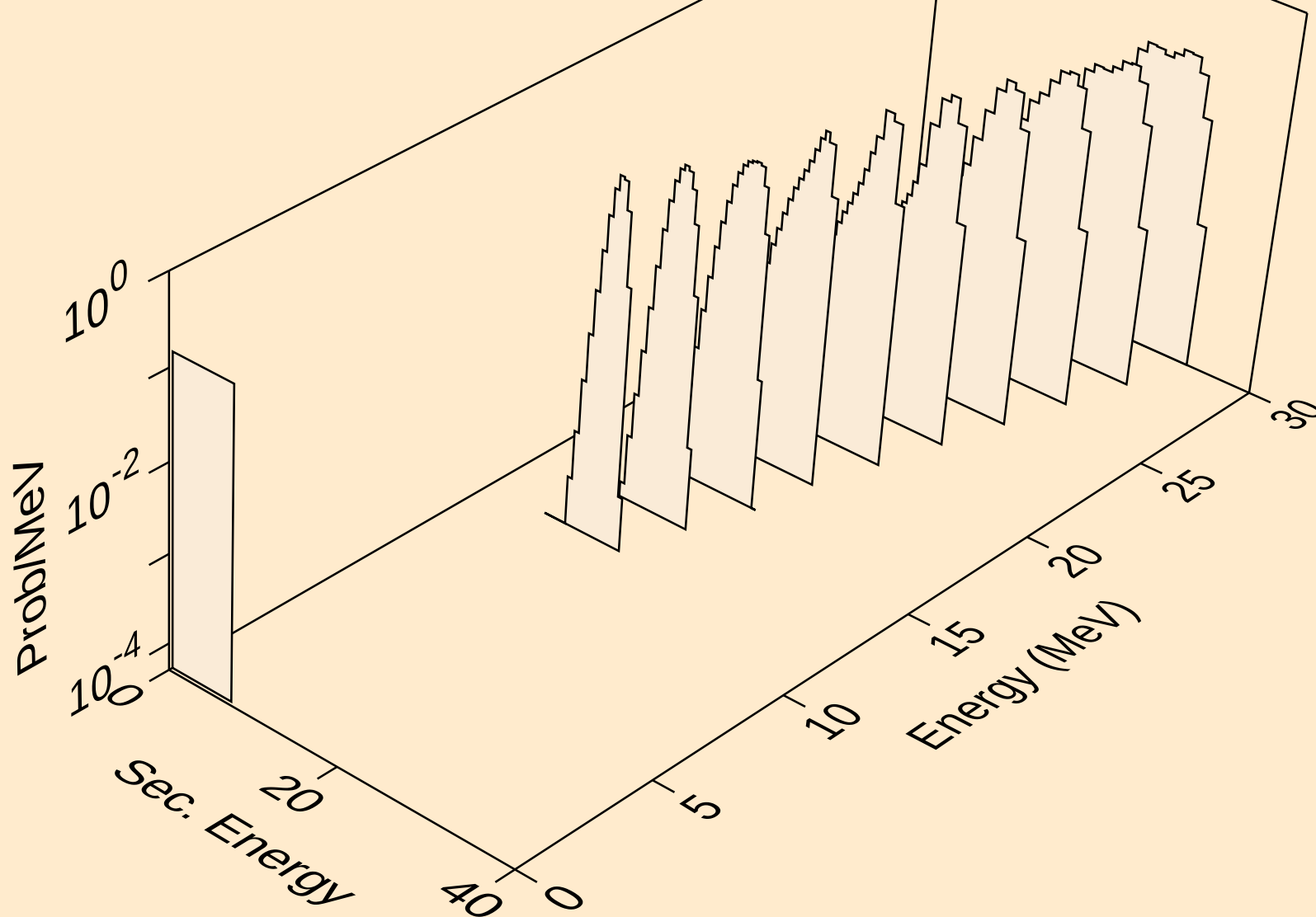
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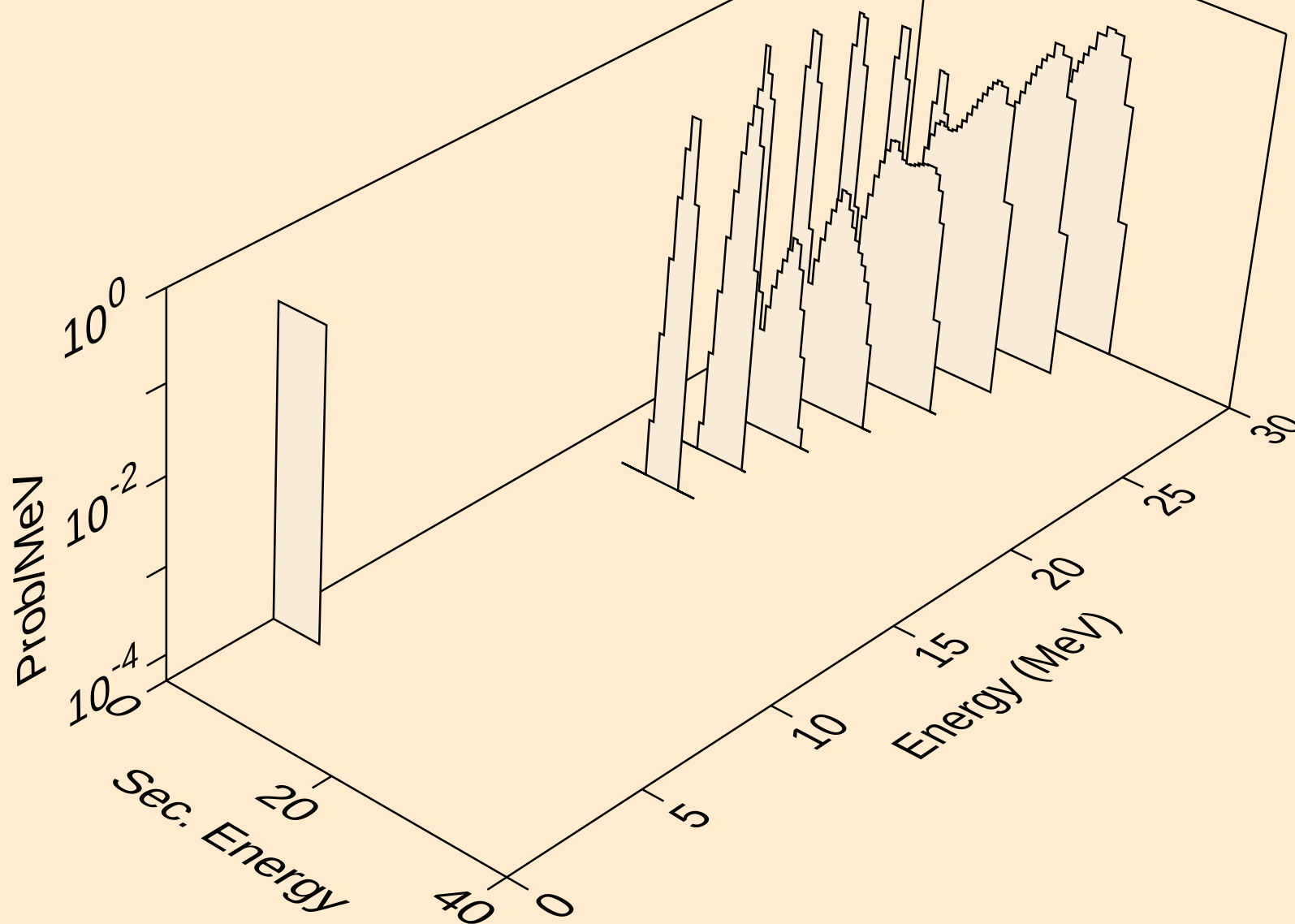
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alphas from (s,n\*)a



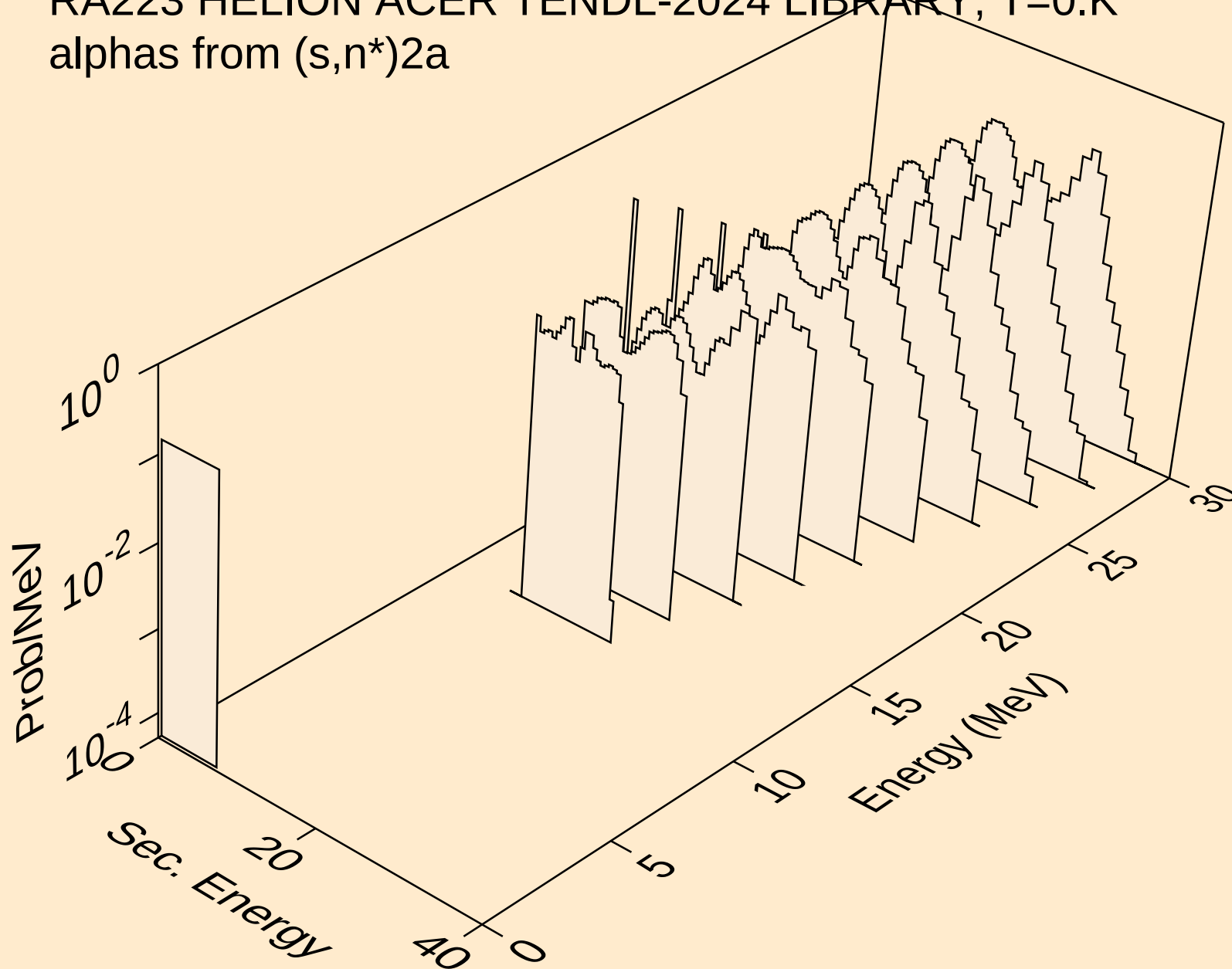
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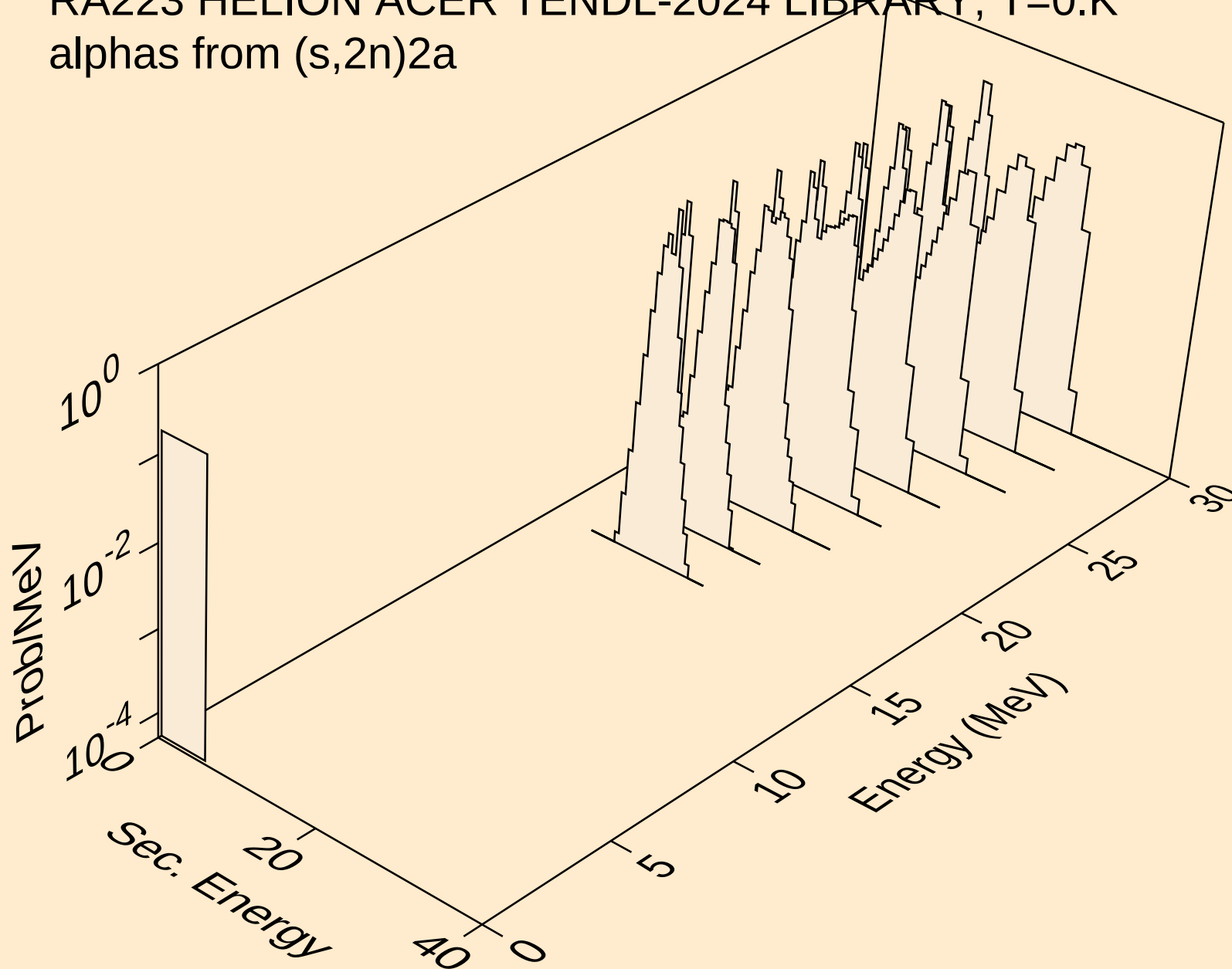
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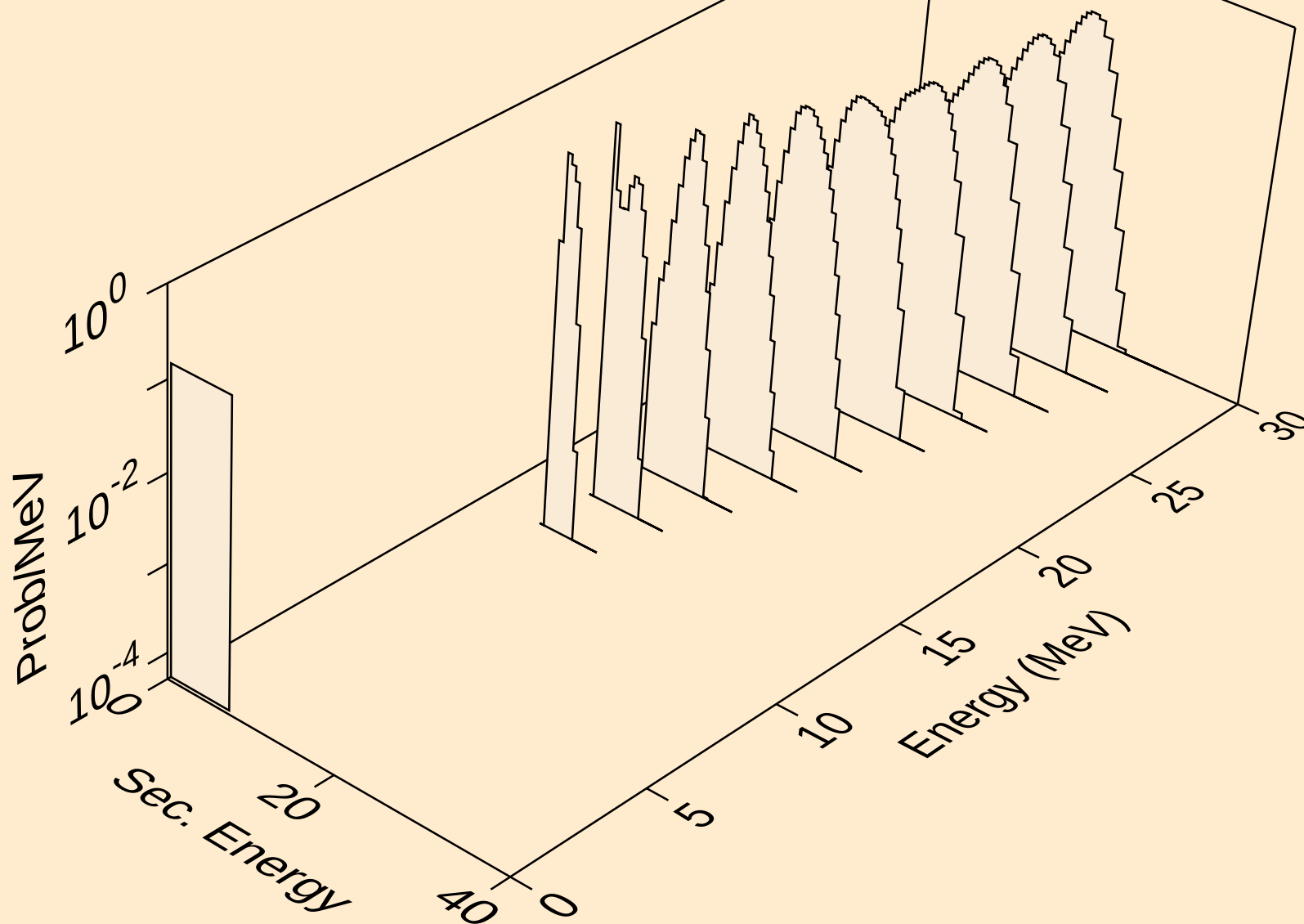
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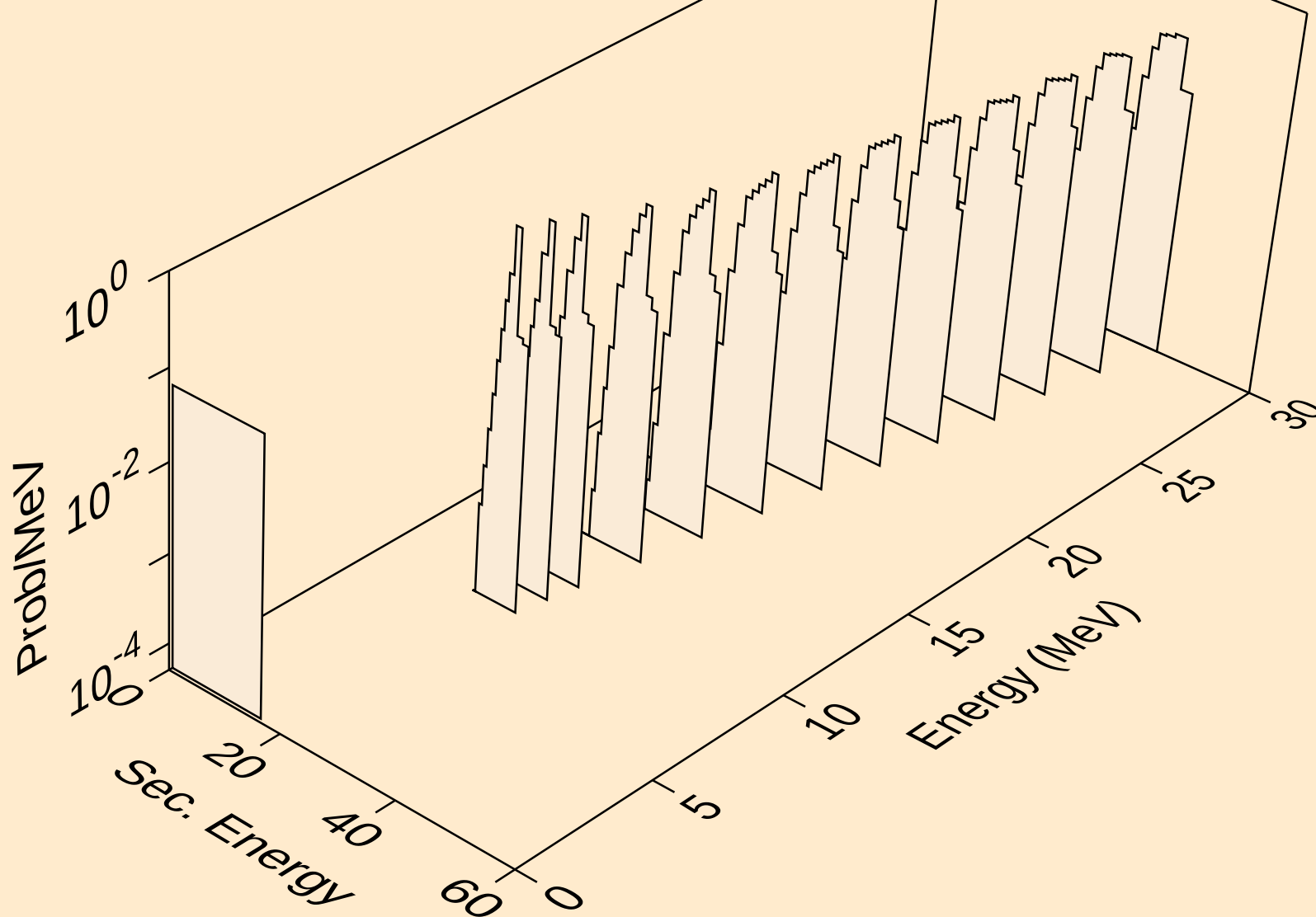
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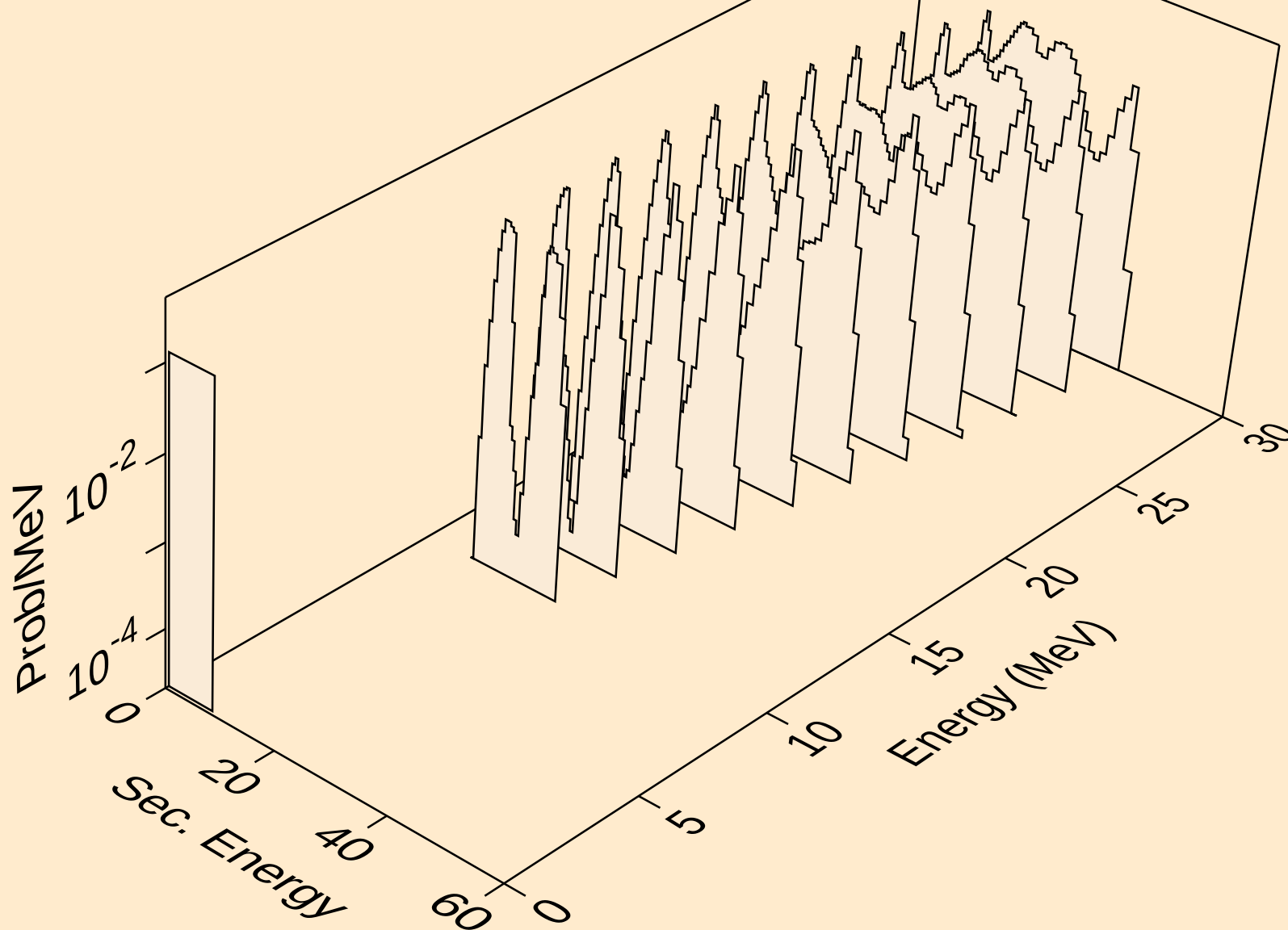
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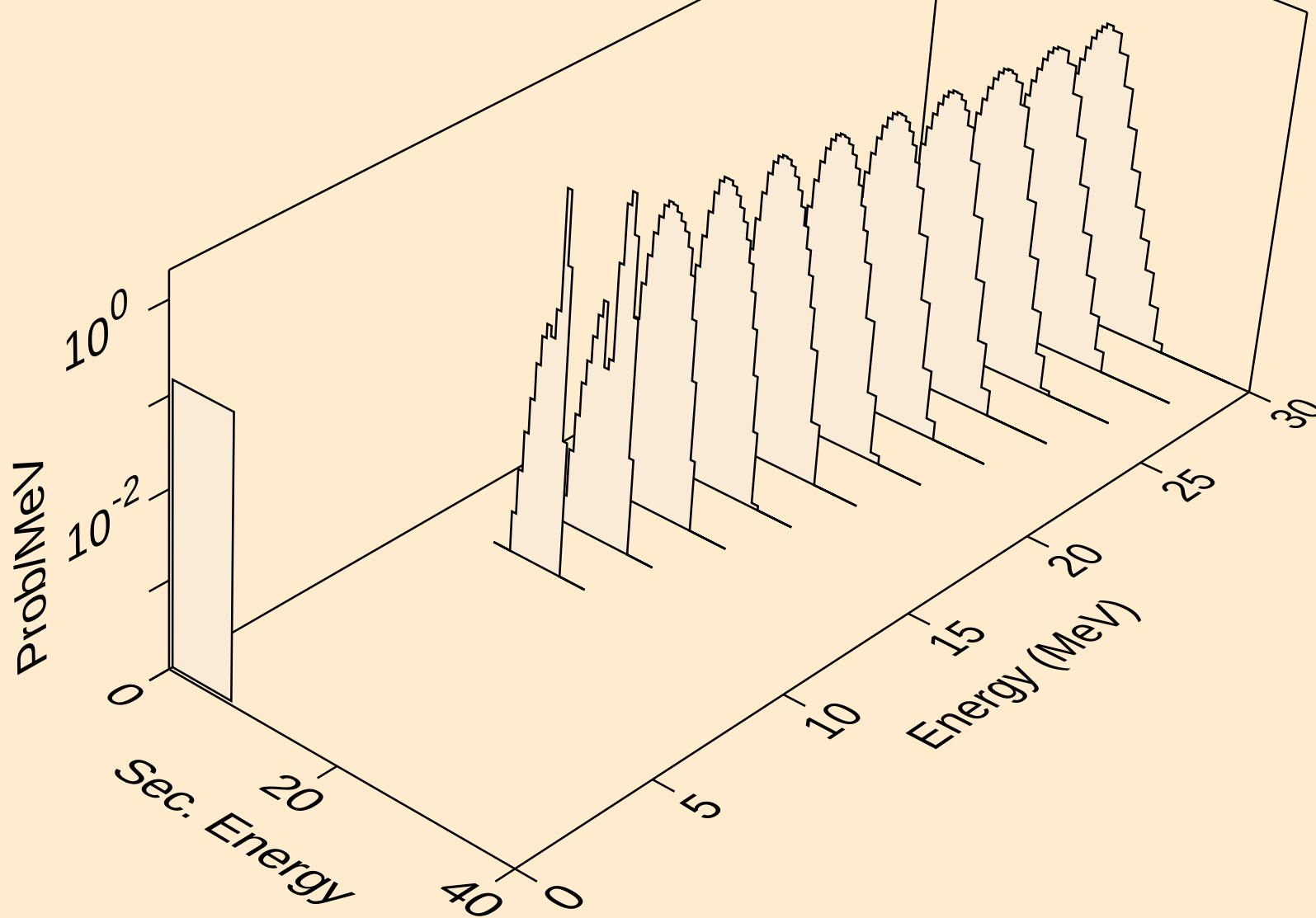
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alphas from (s,a)



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



RA223 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

