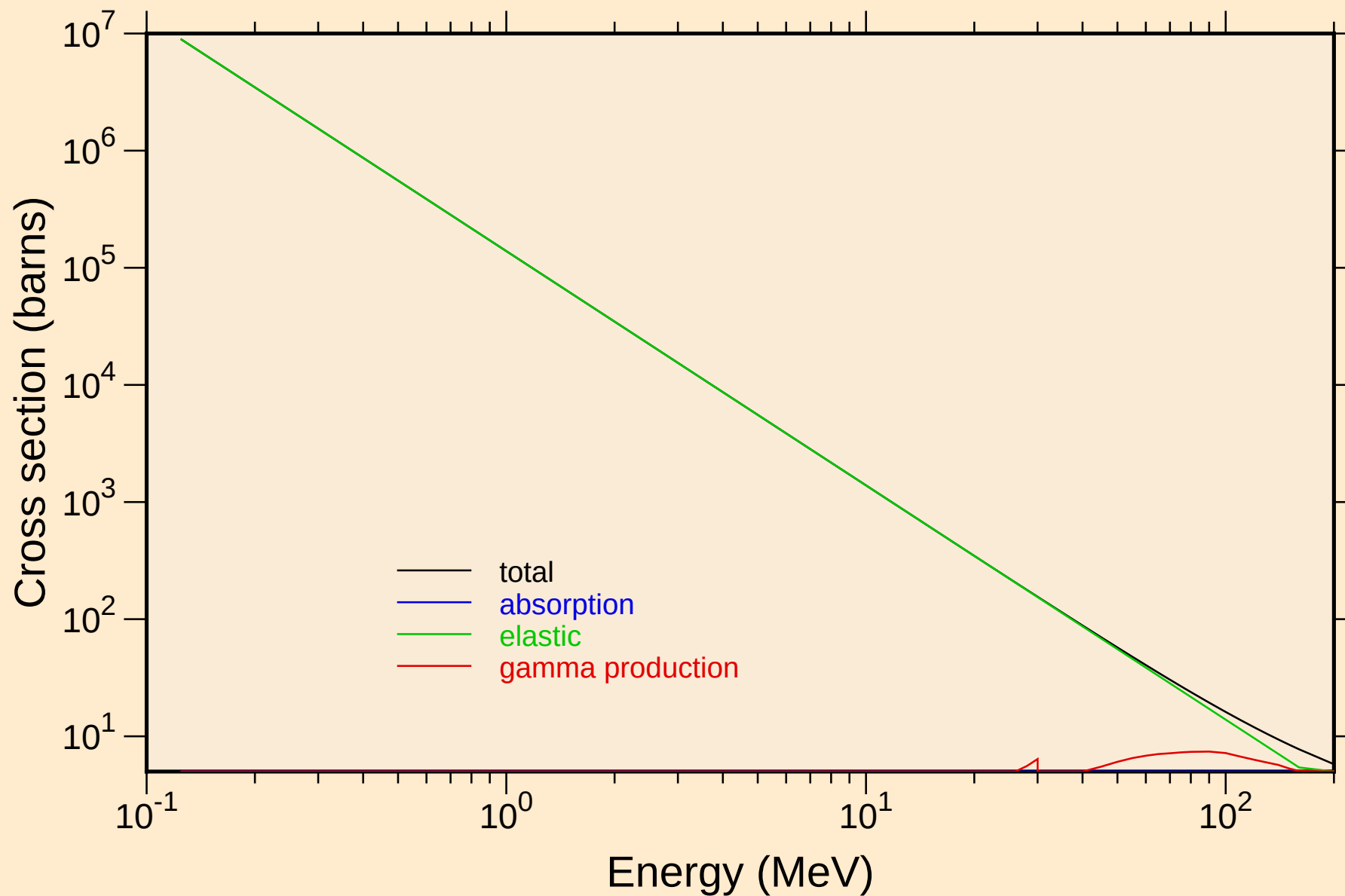


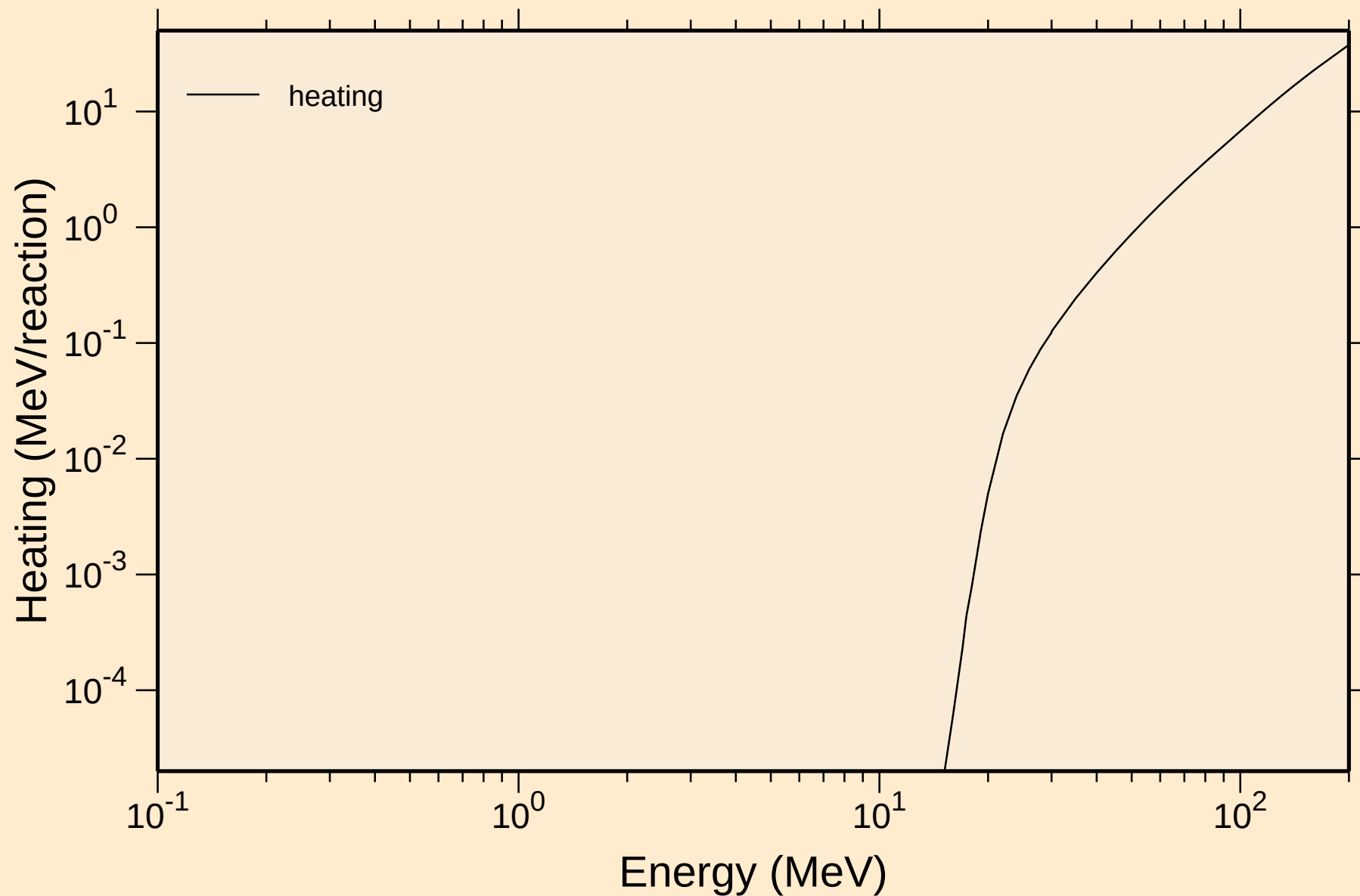
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



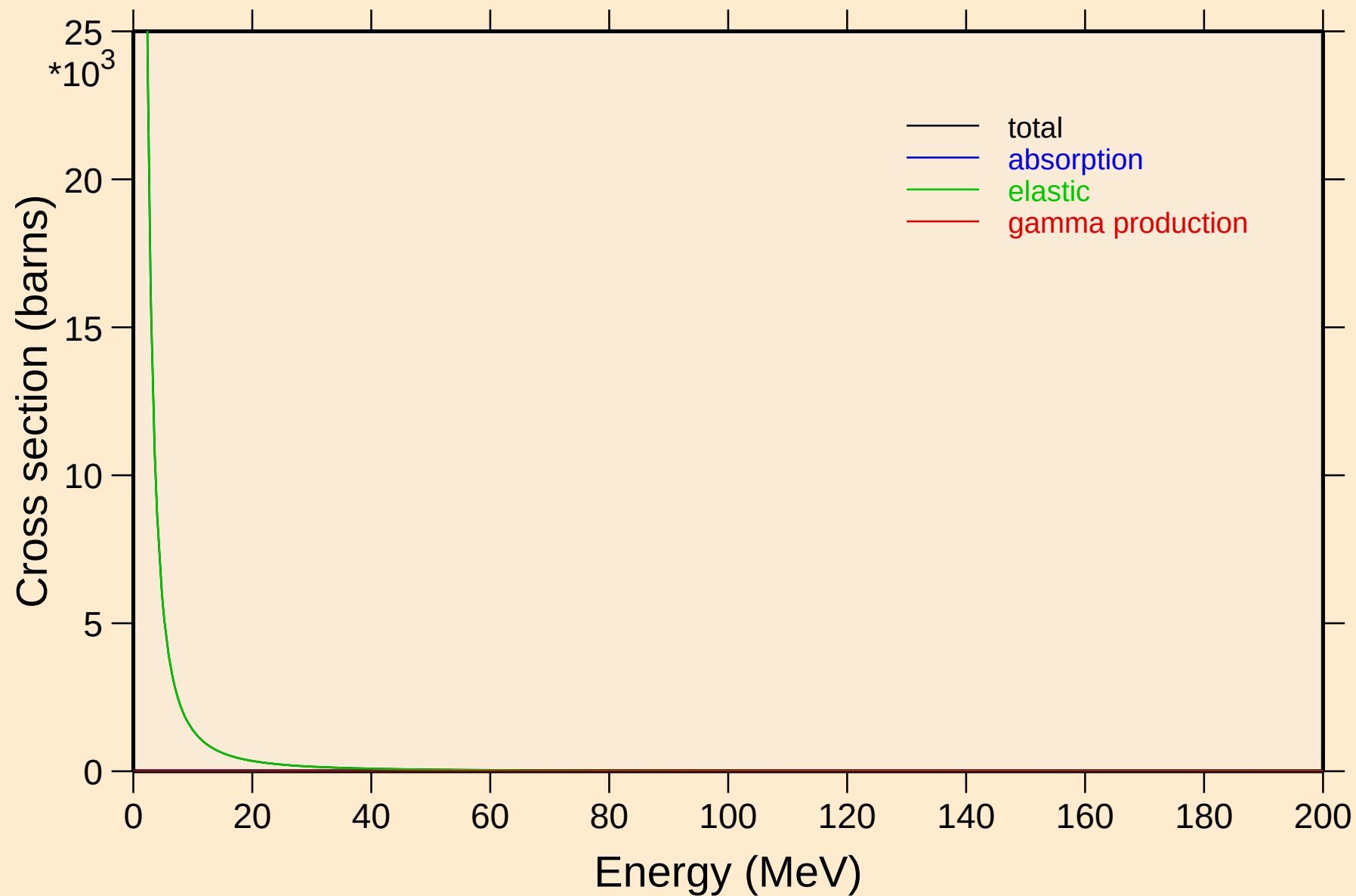
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



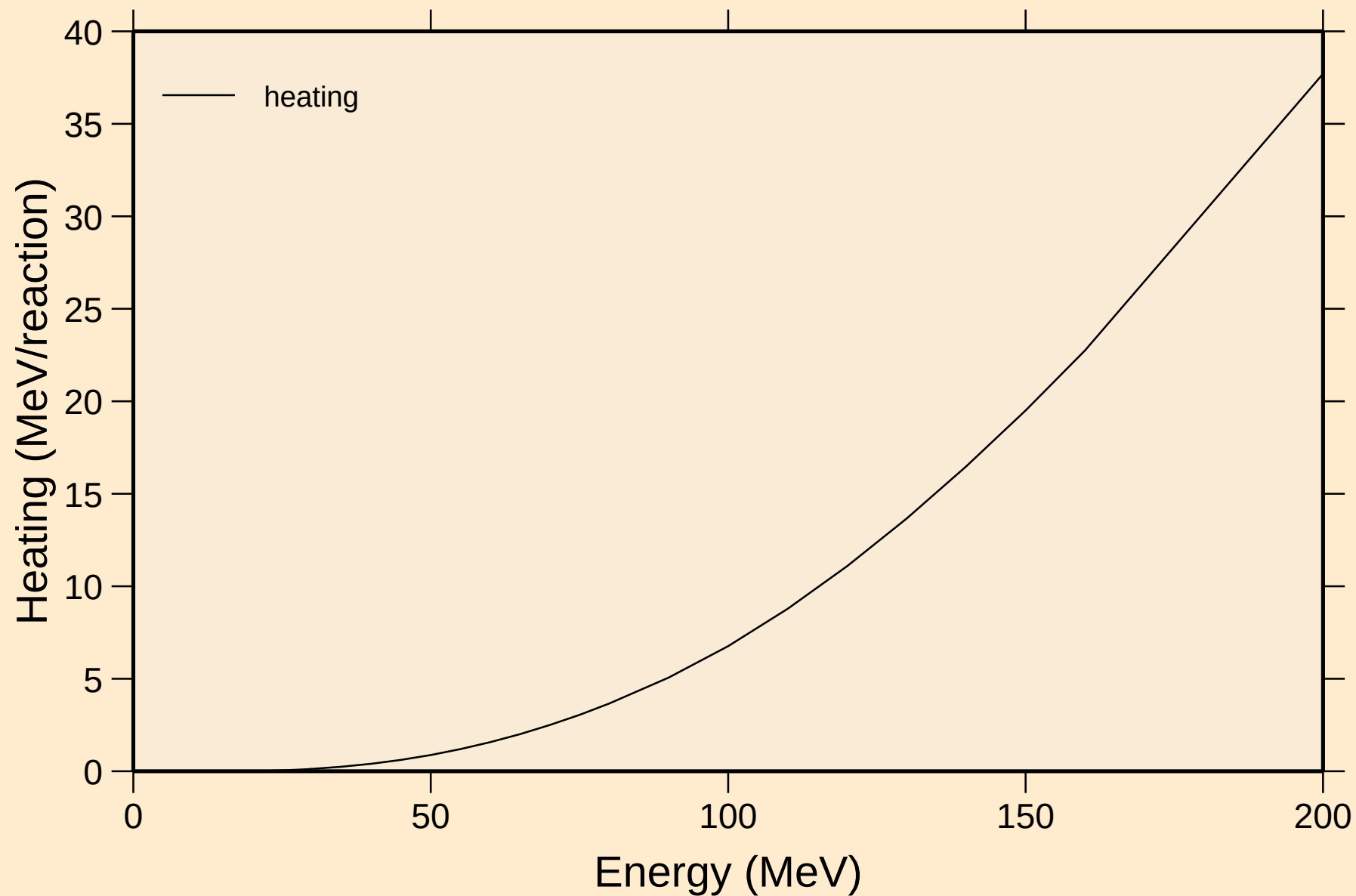
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



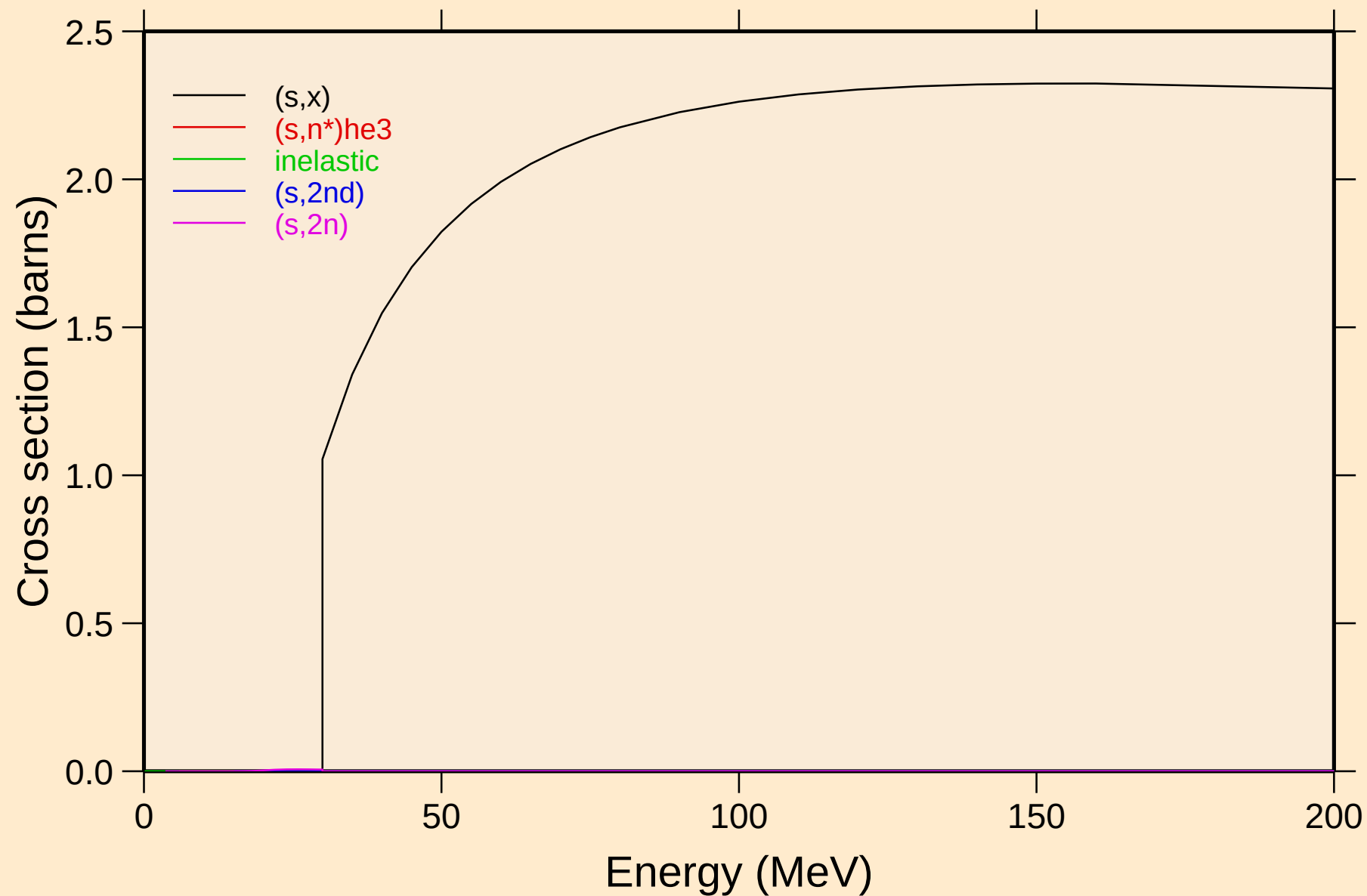
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



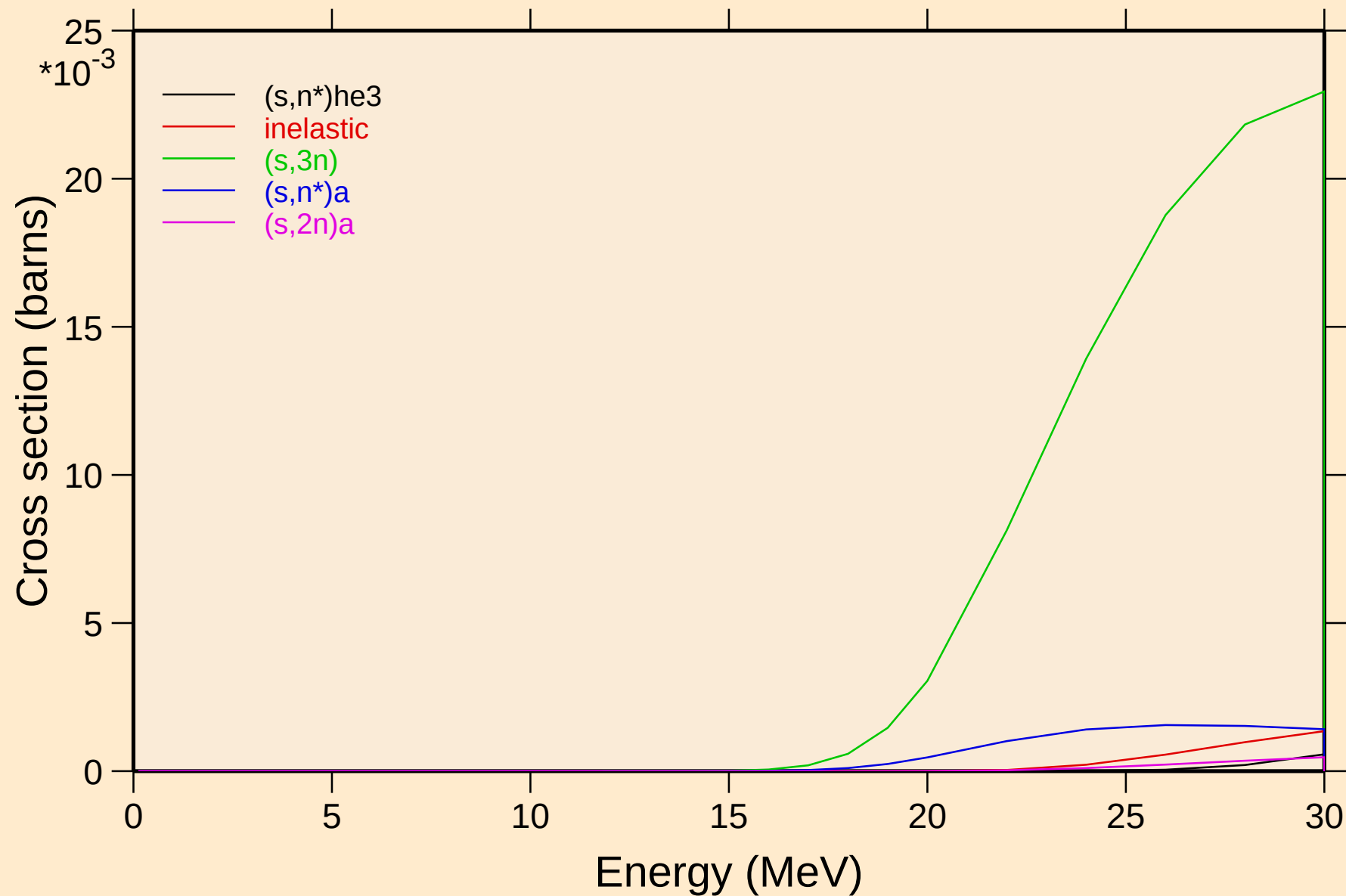
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



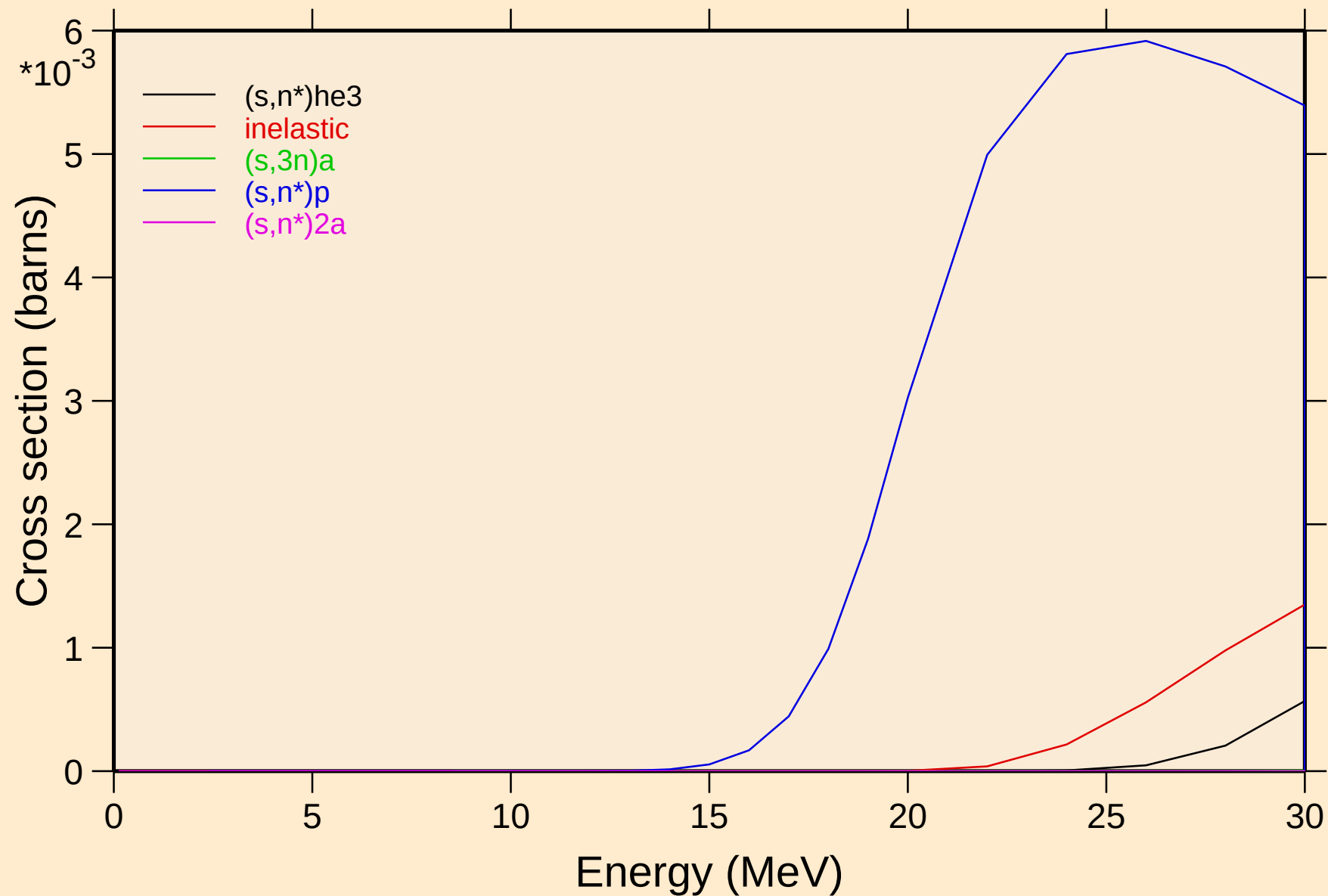
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## Threshold reactions



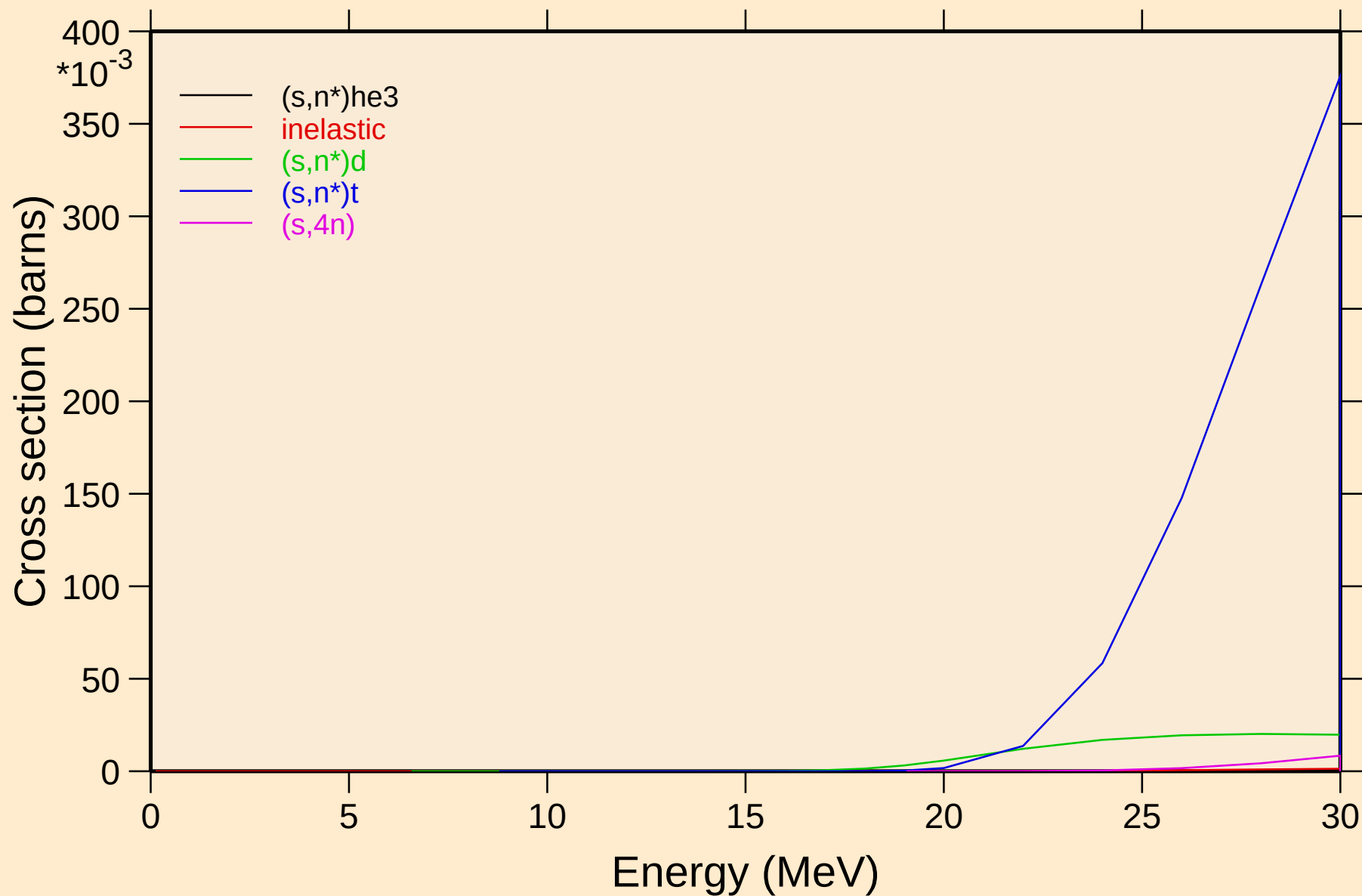
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

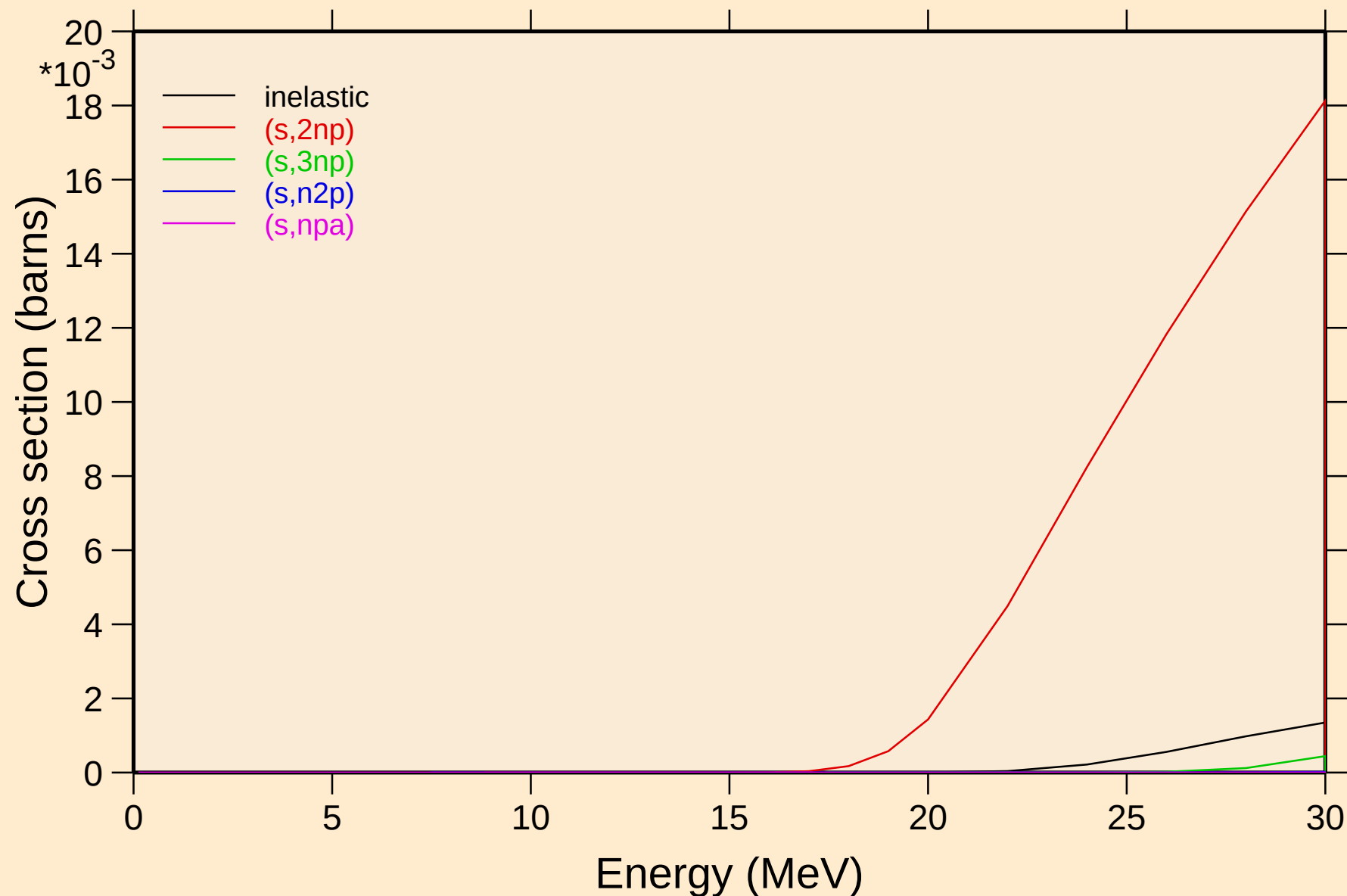
## Threshold reactions





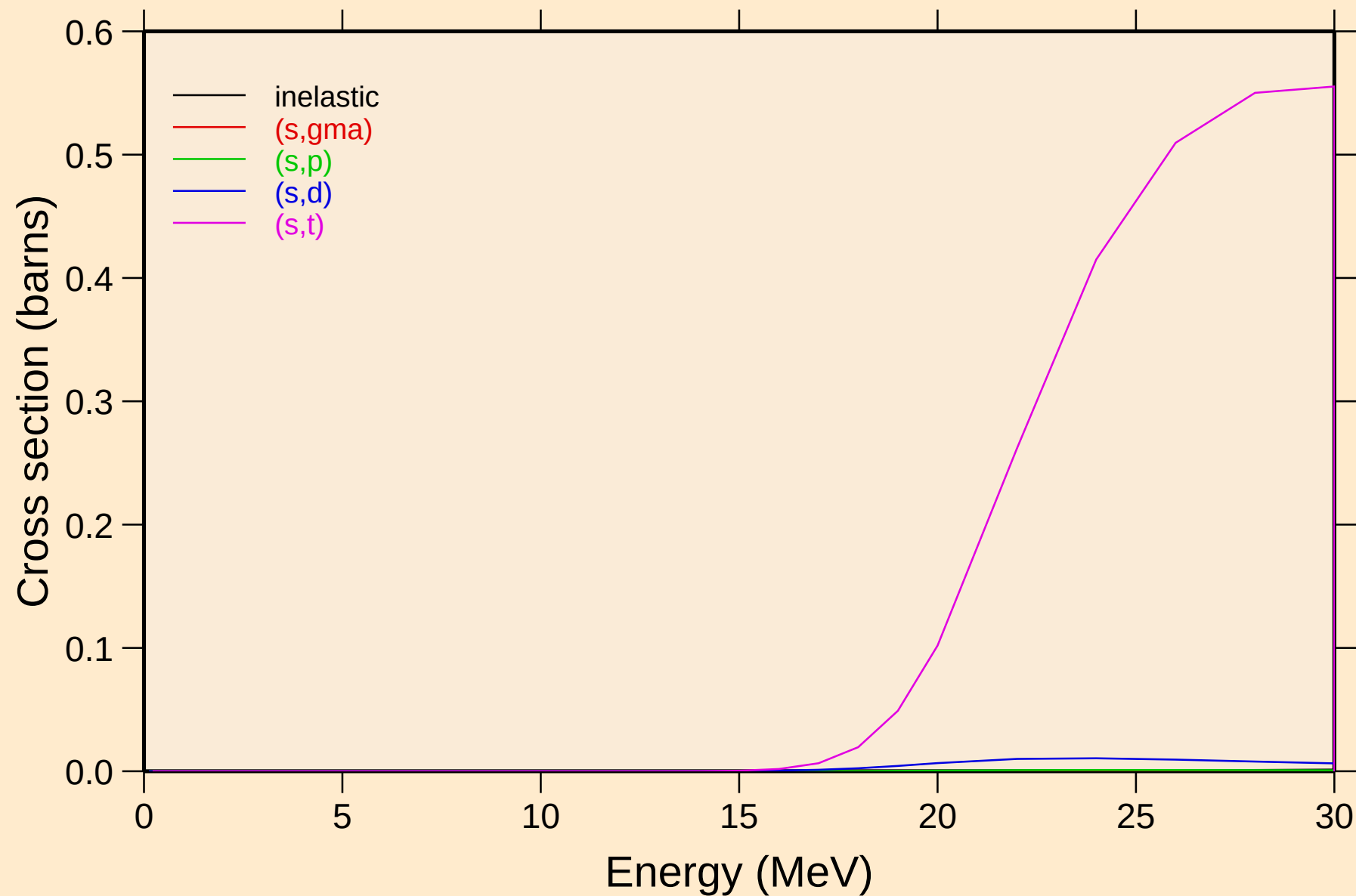
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



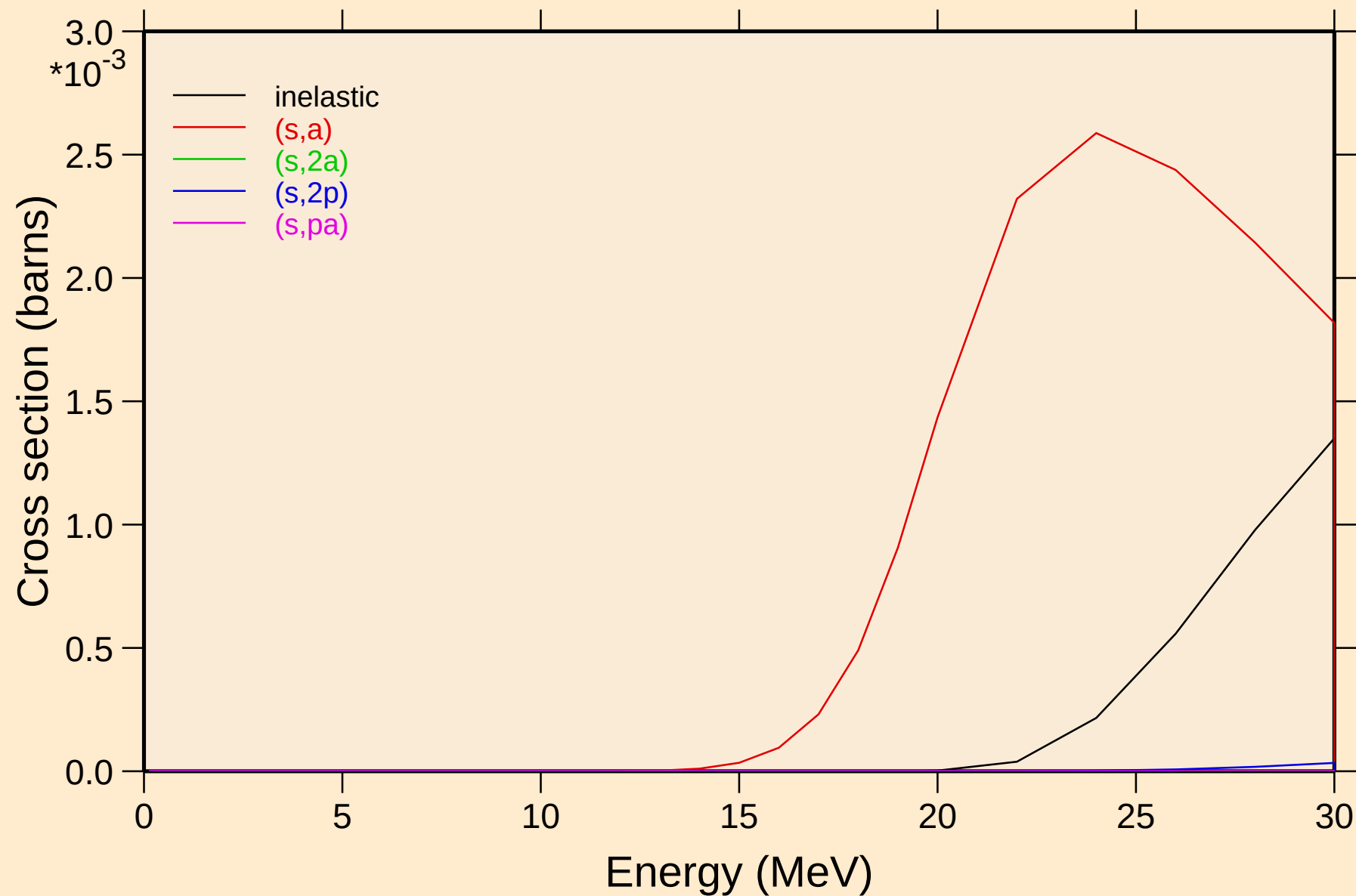
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



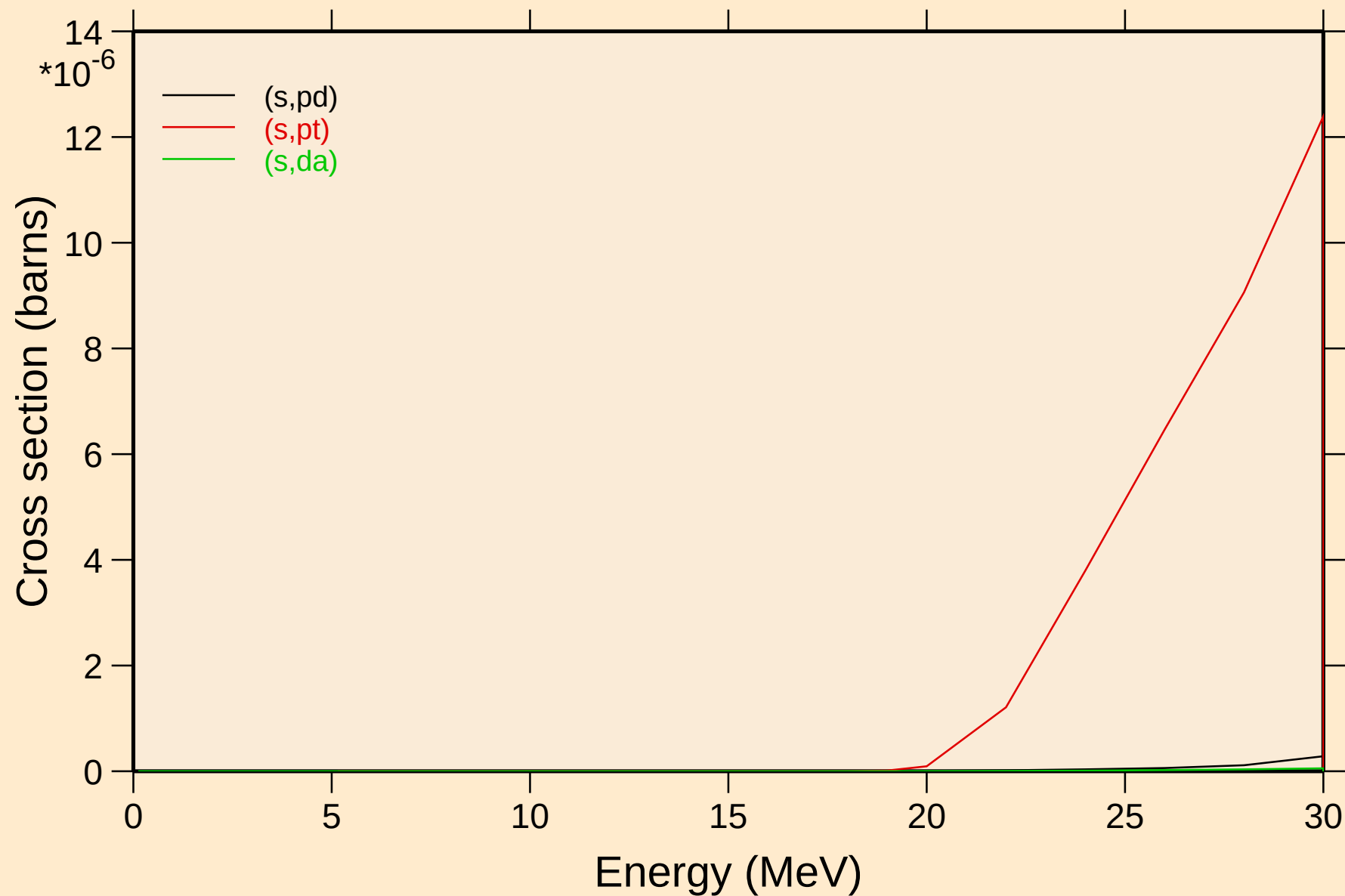
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

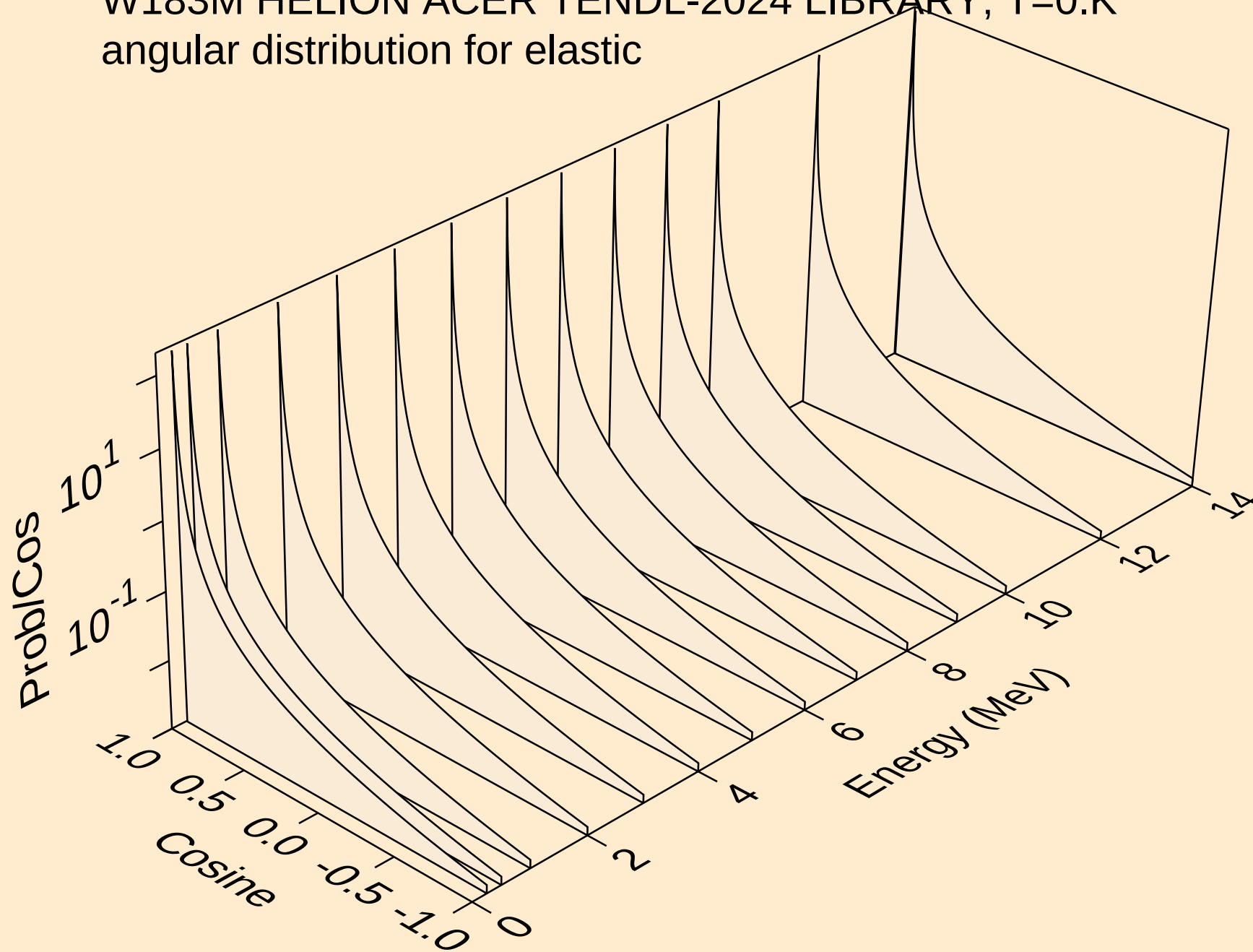


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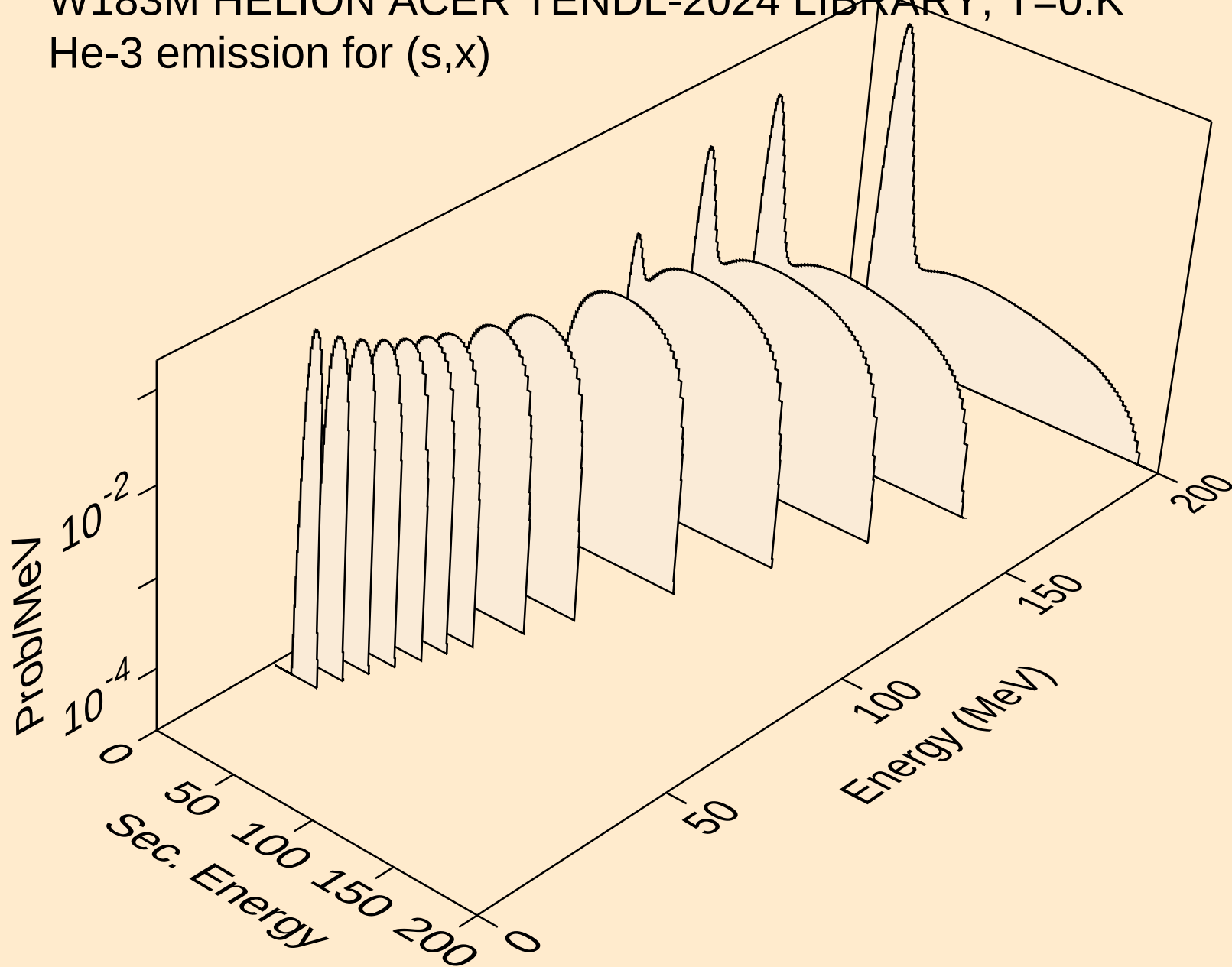
## Threshold reactions



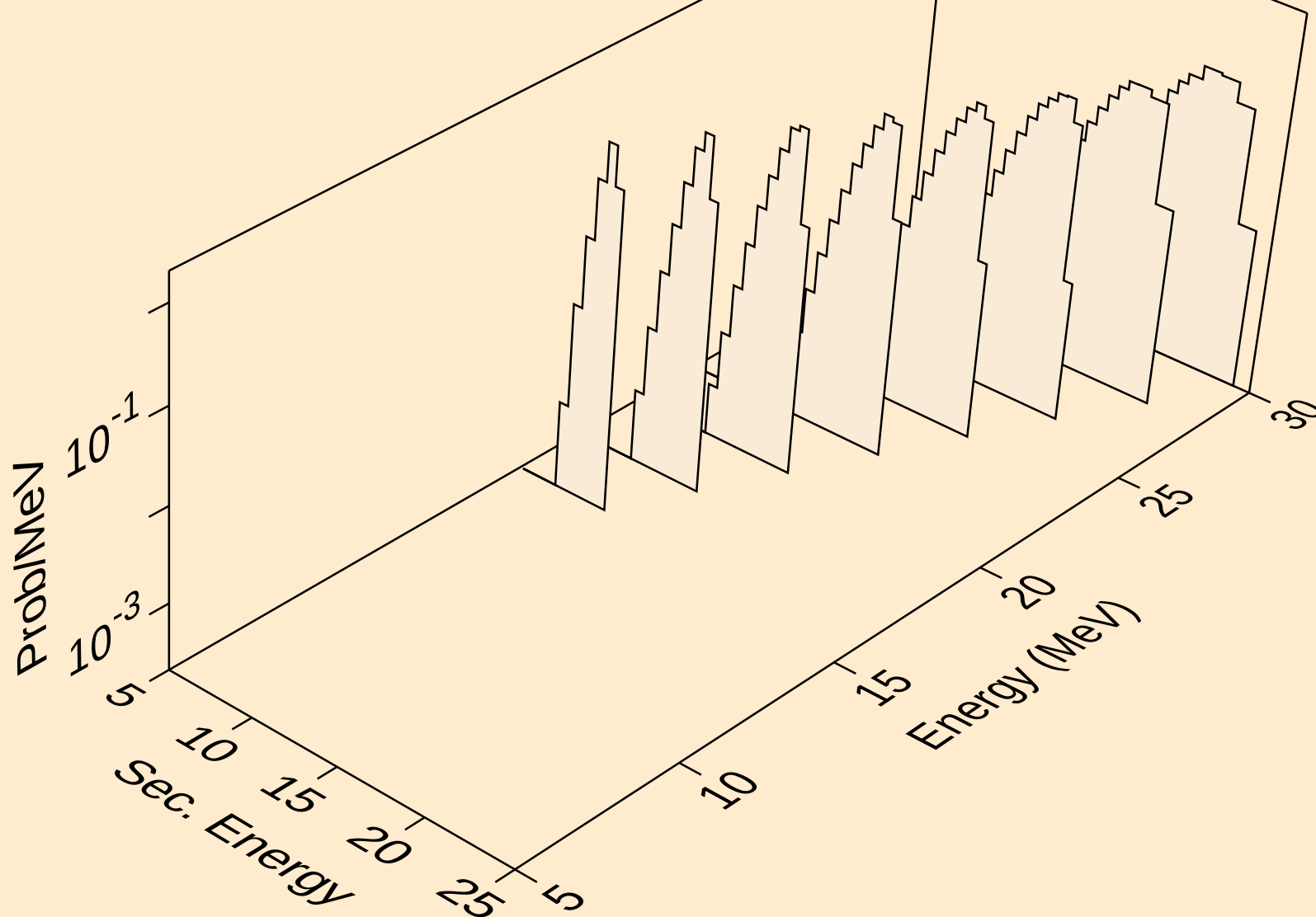
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



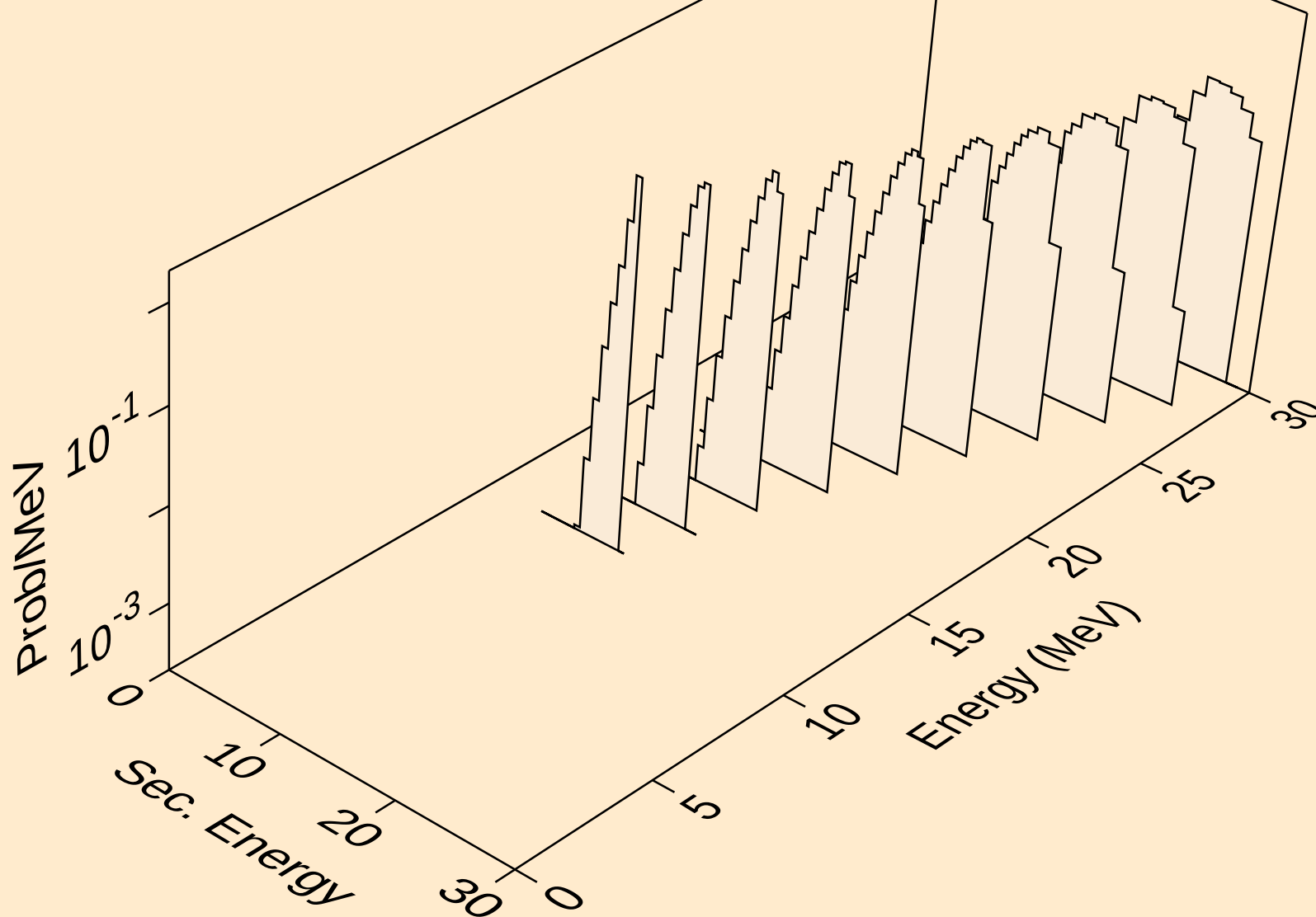
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

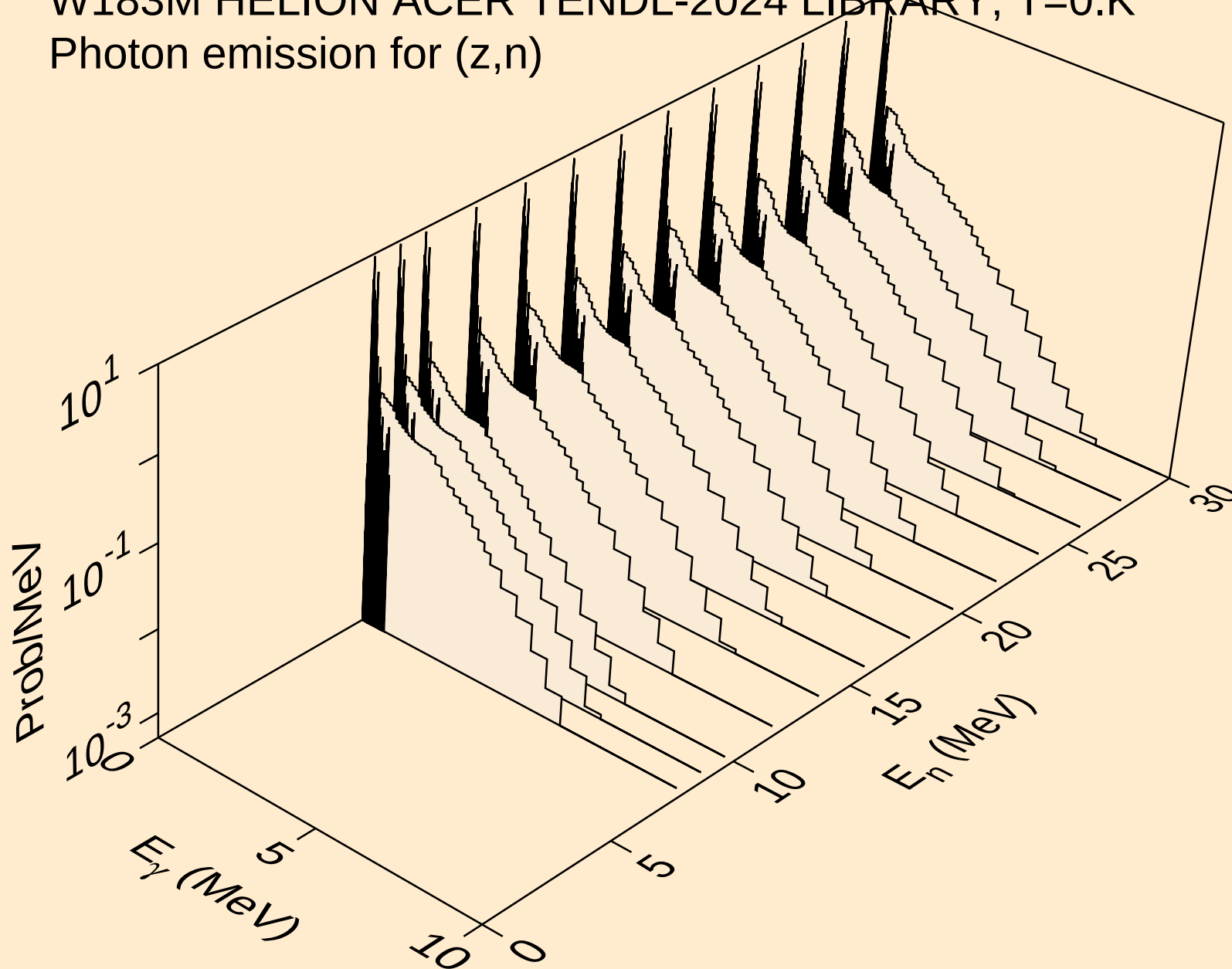


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



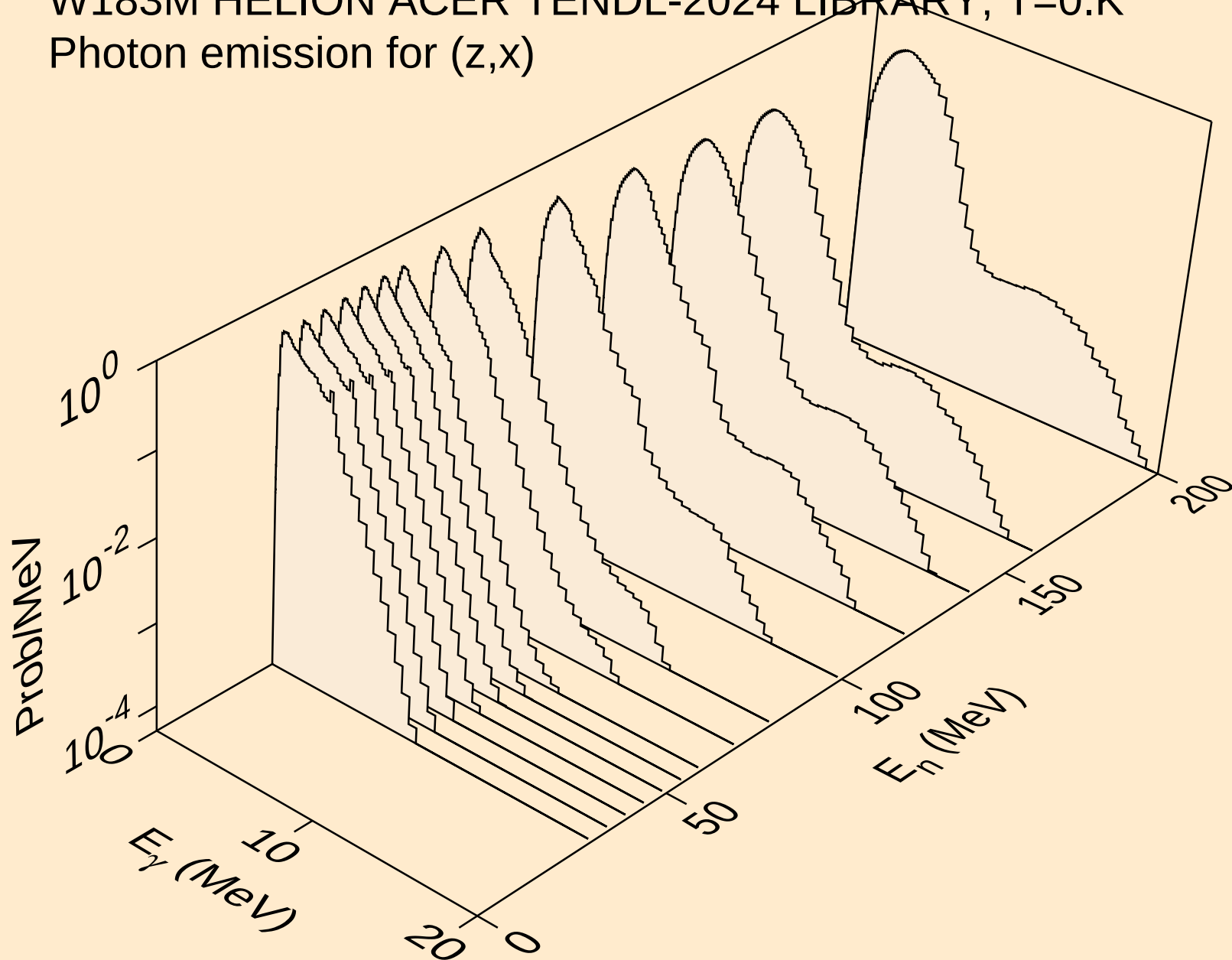


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

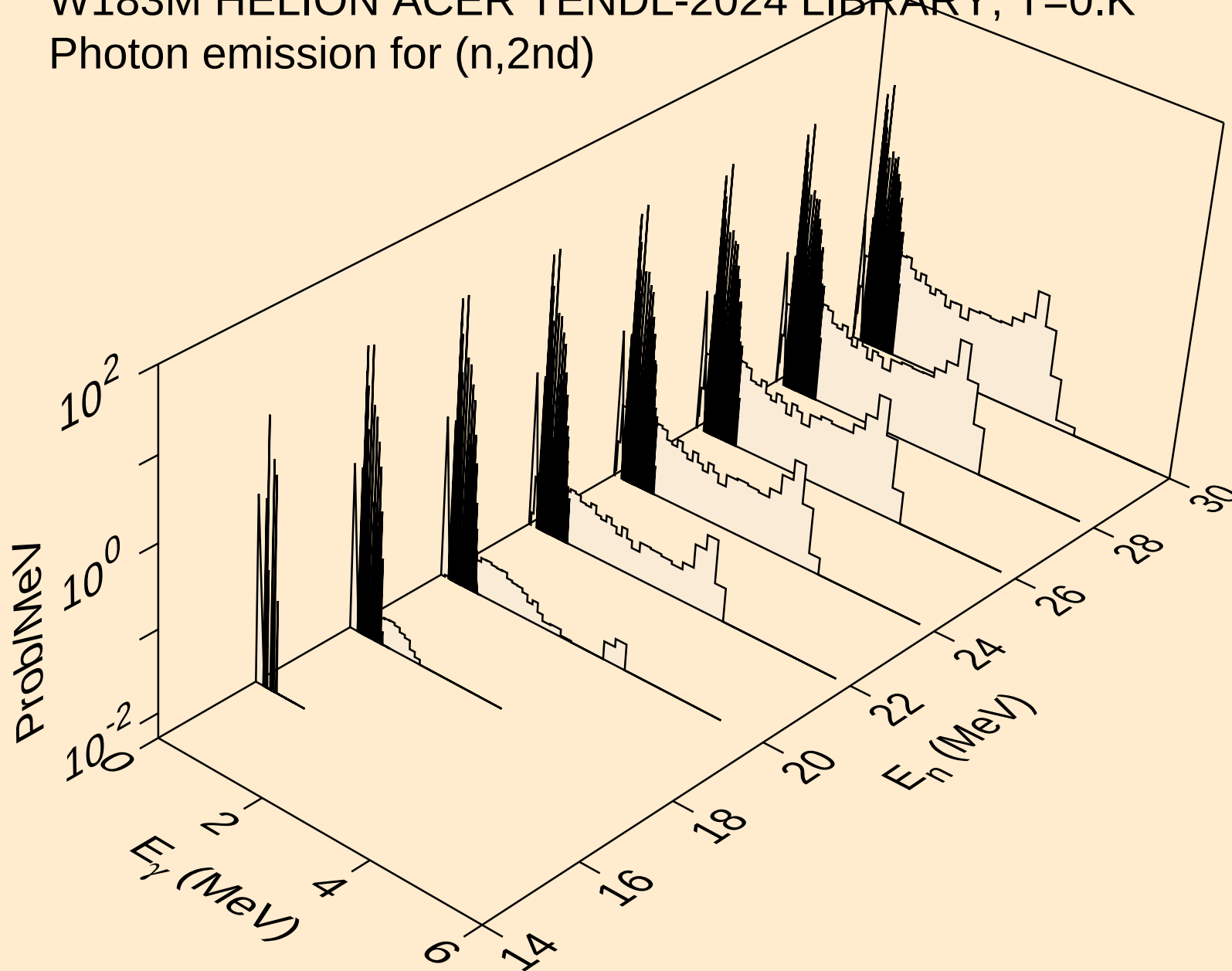


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

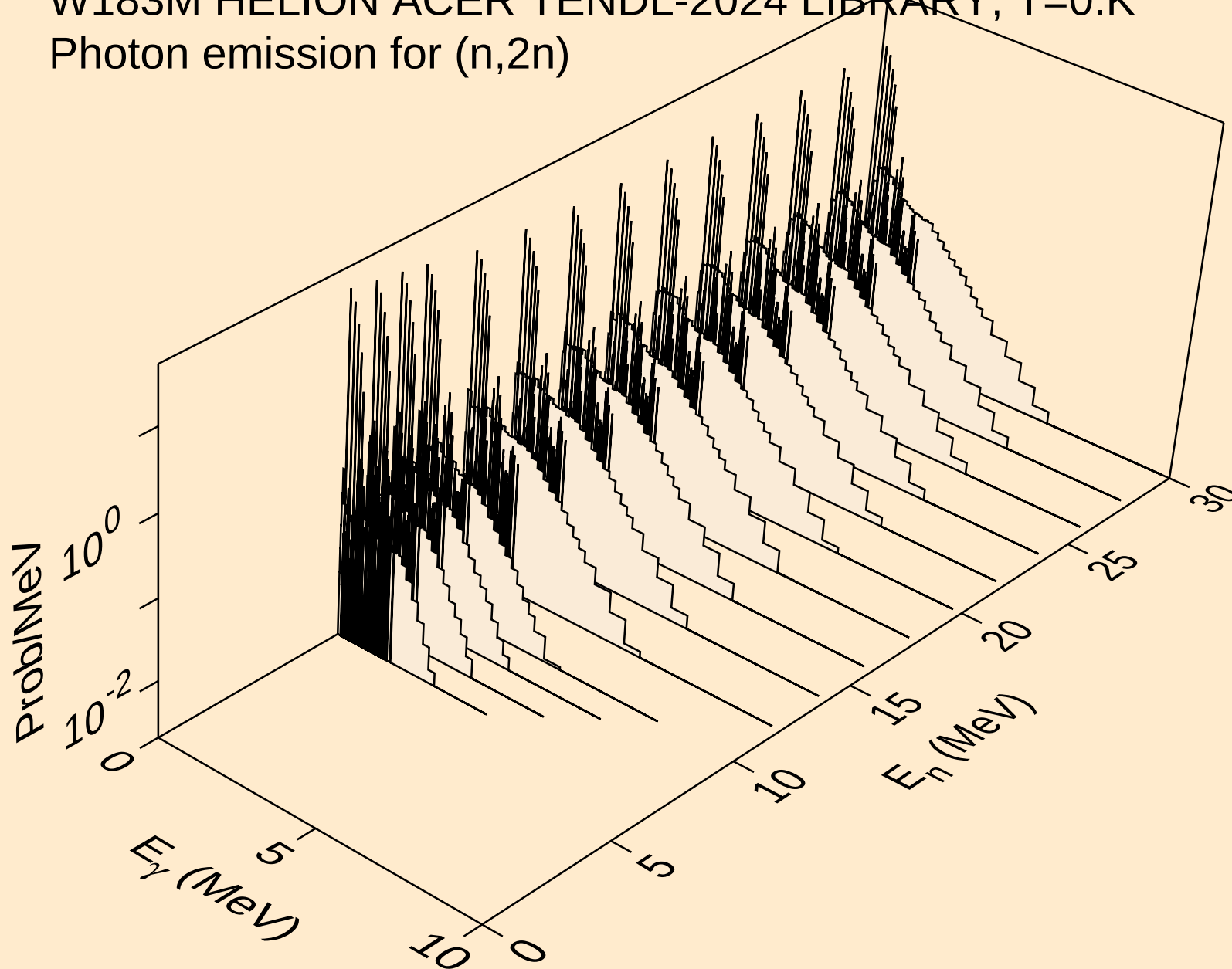
Photon emission for (z,x)



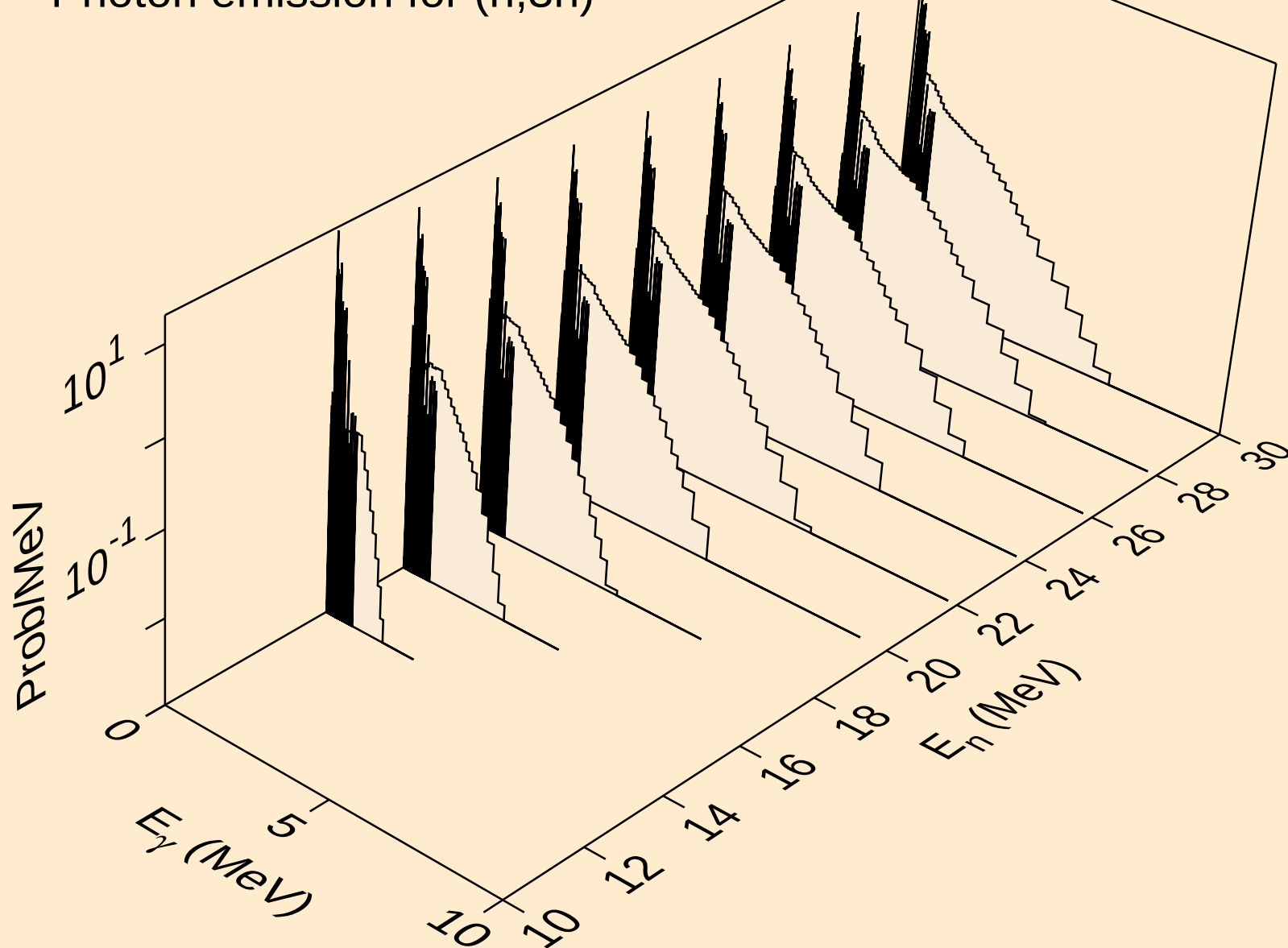
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

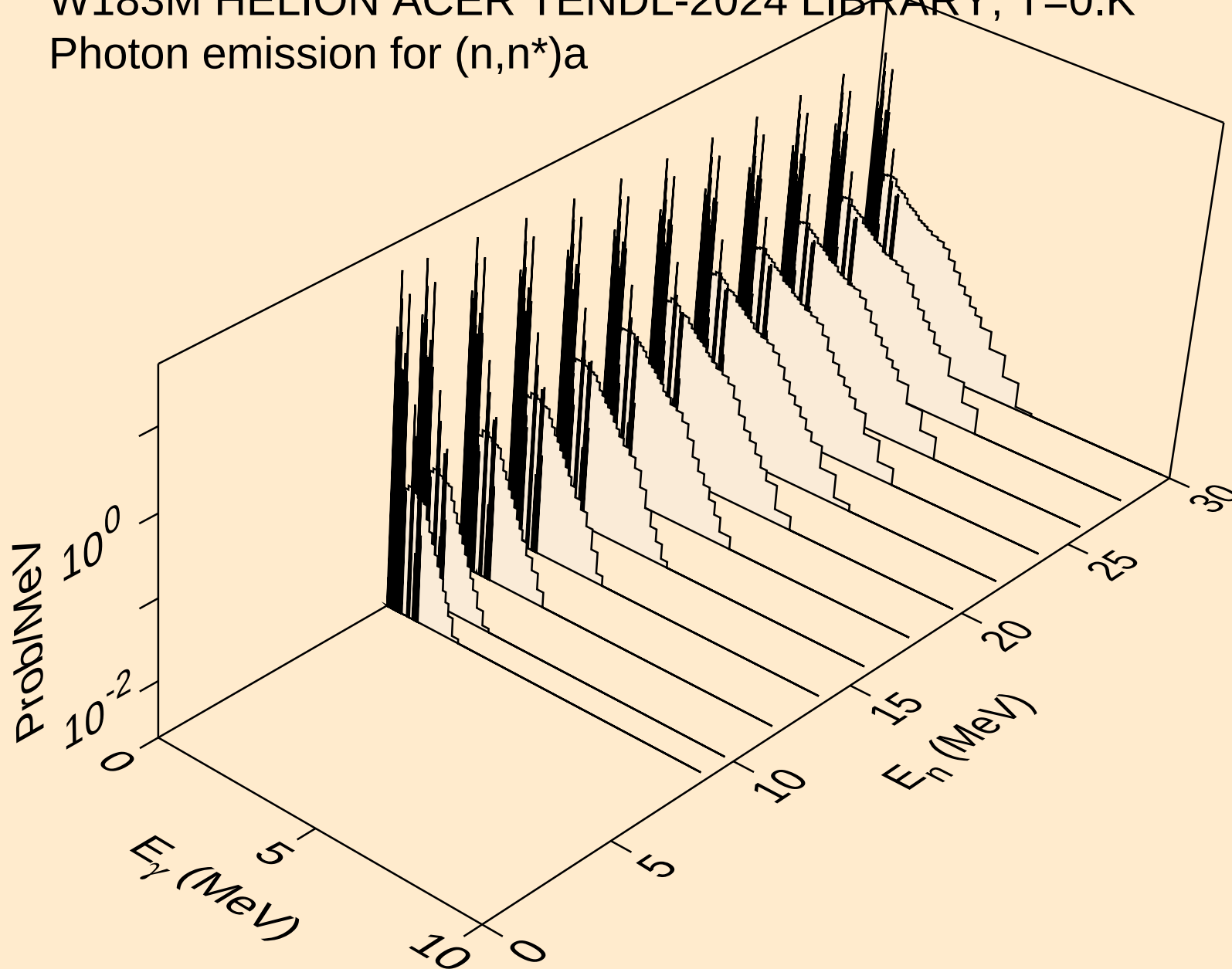


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



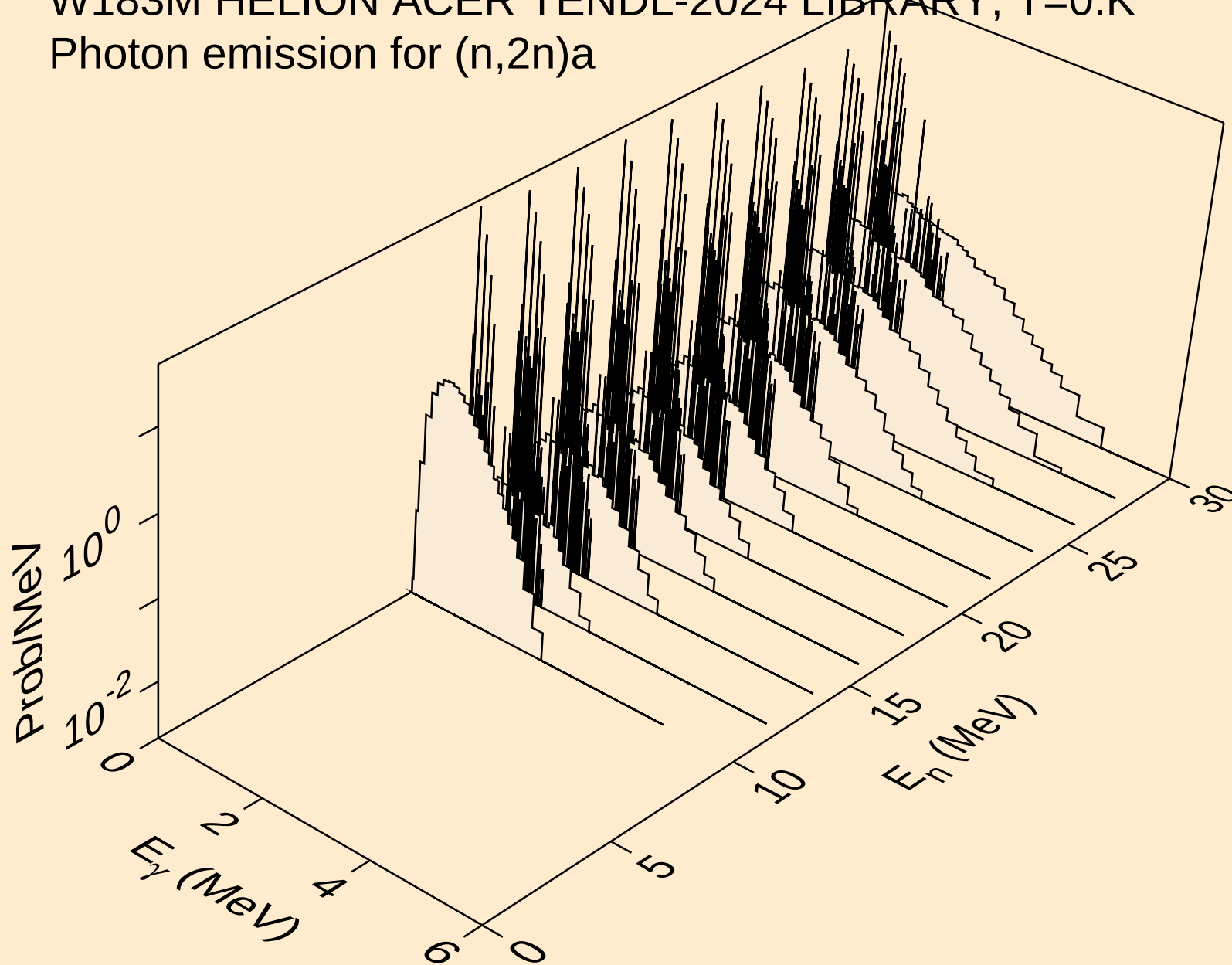
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



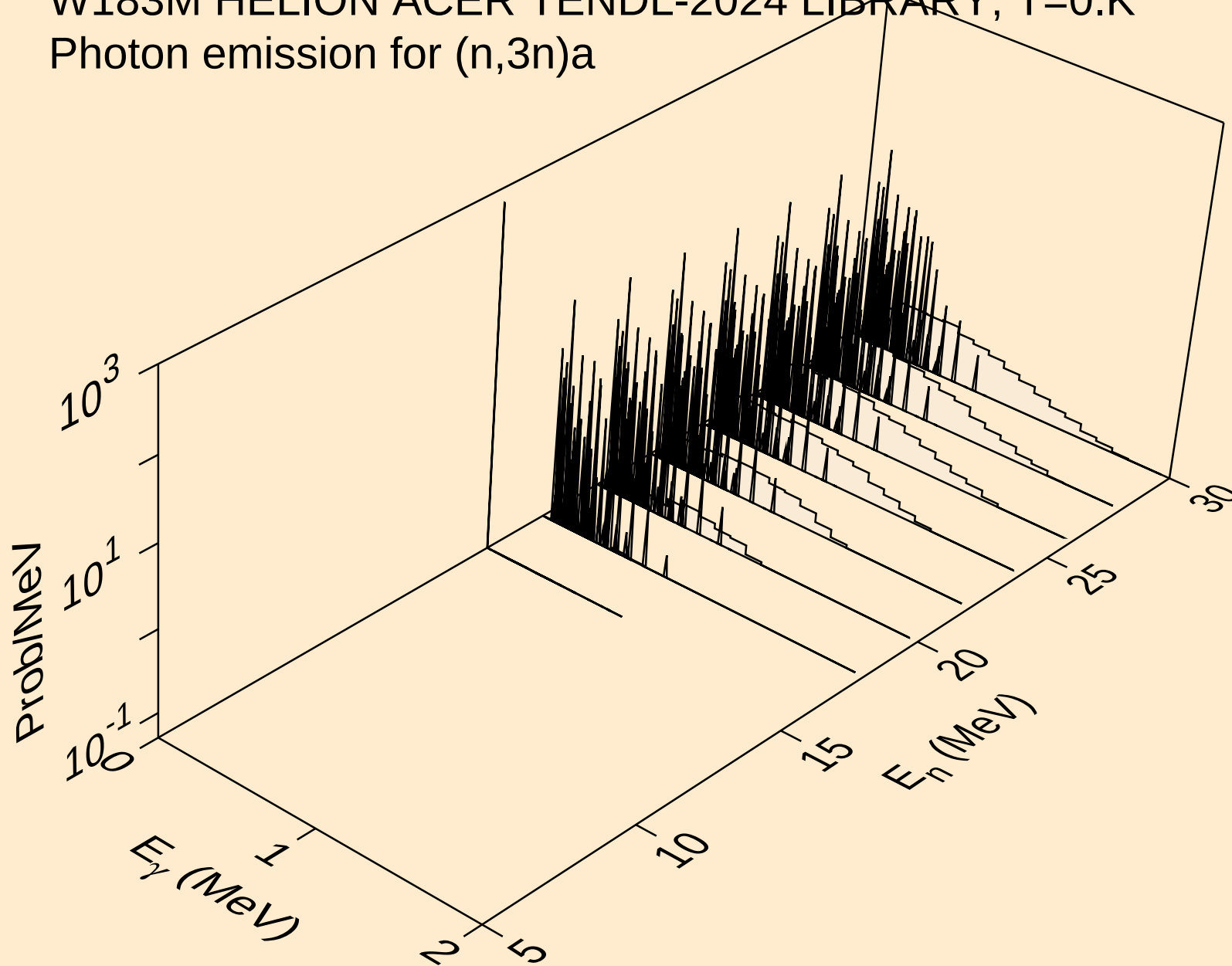
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

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



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

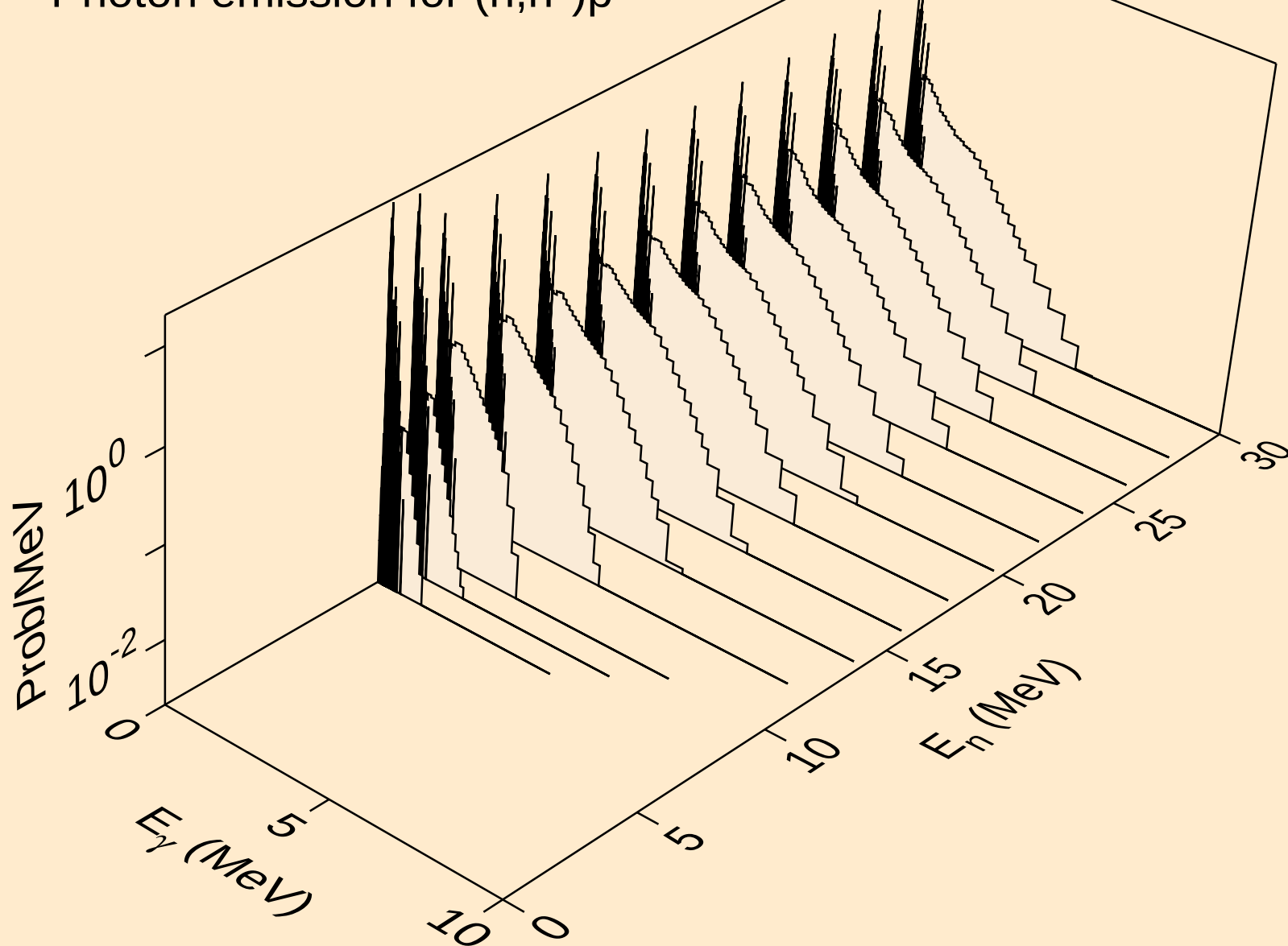
Photon emission for (n,3n) $\alpha$





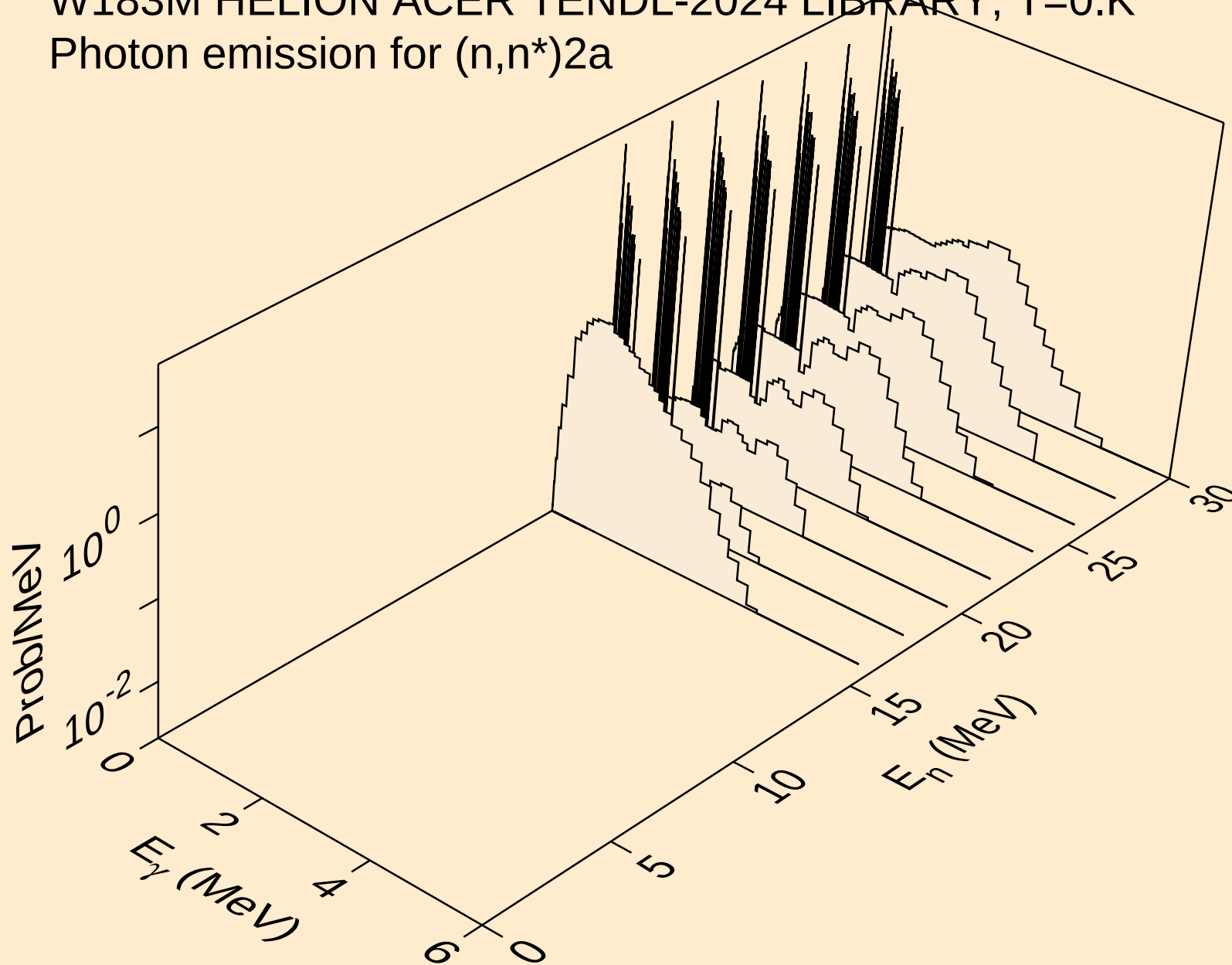
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p

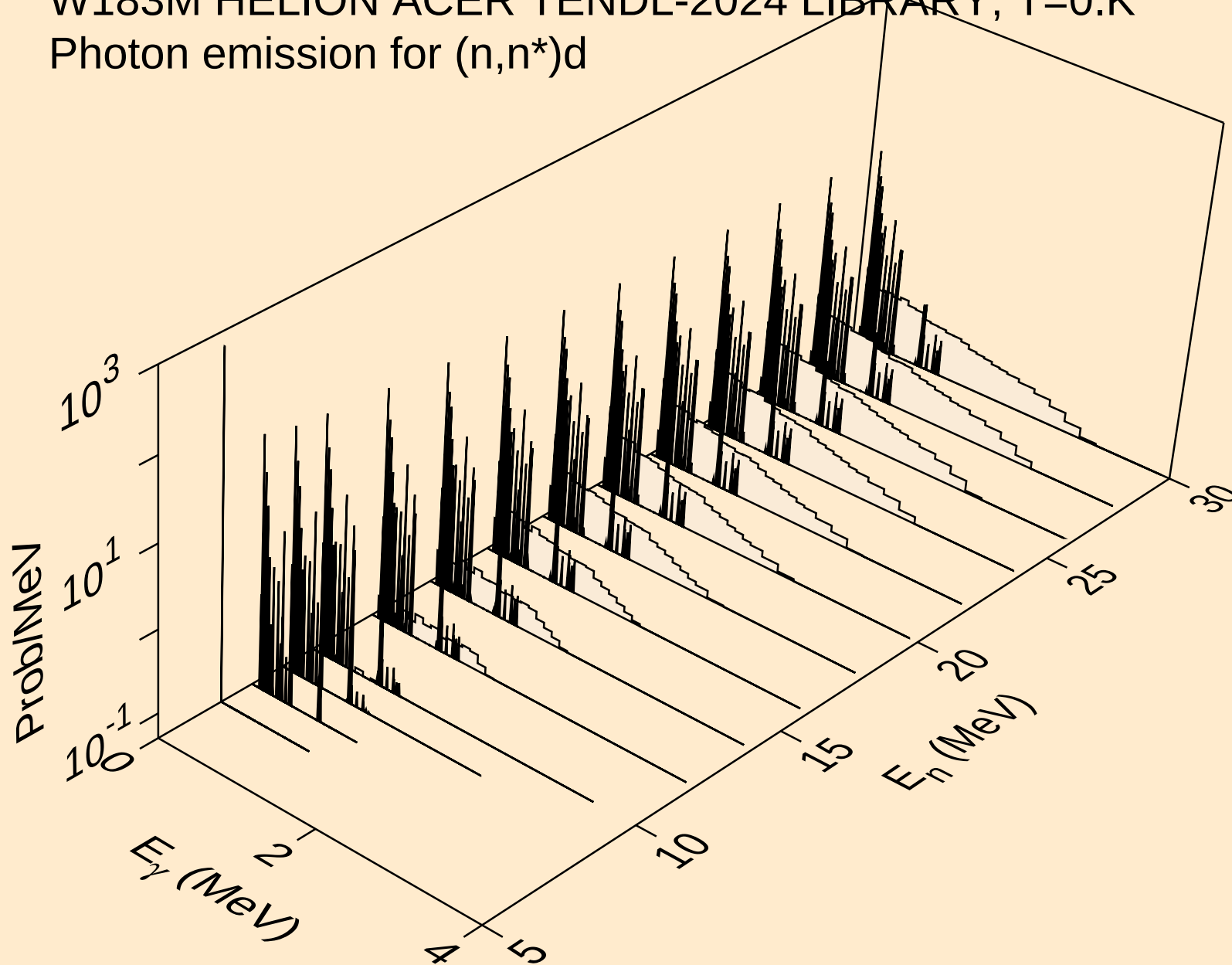


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

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

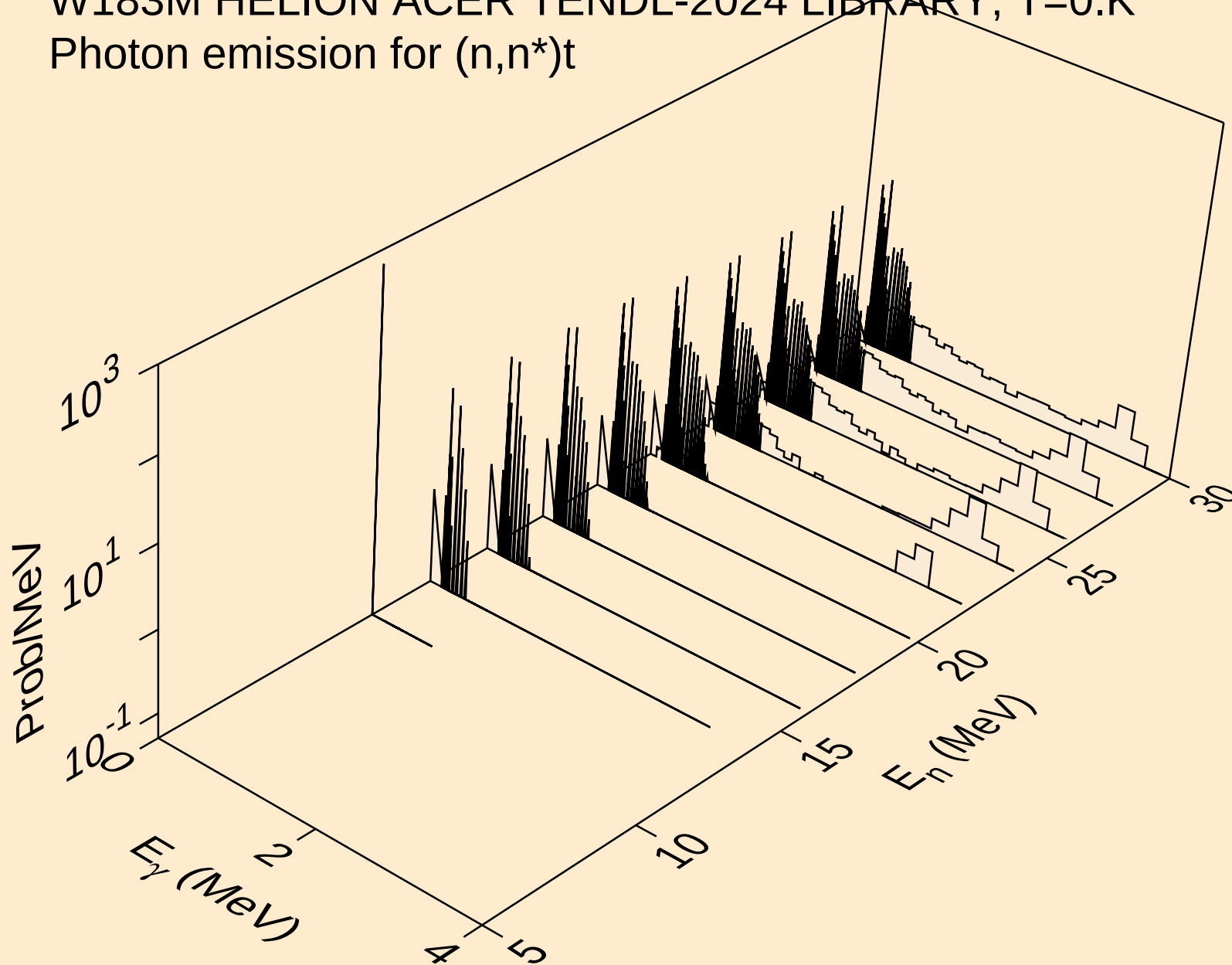


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

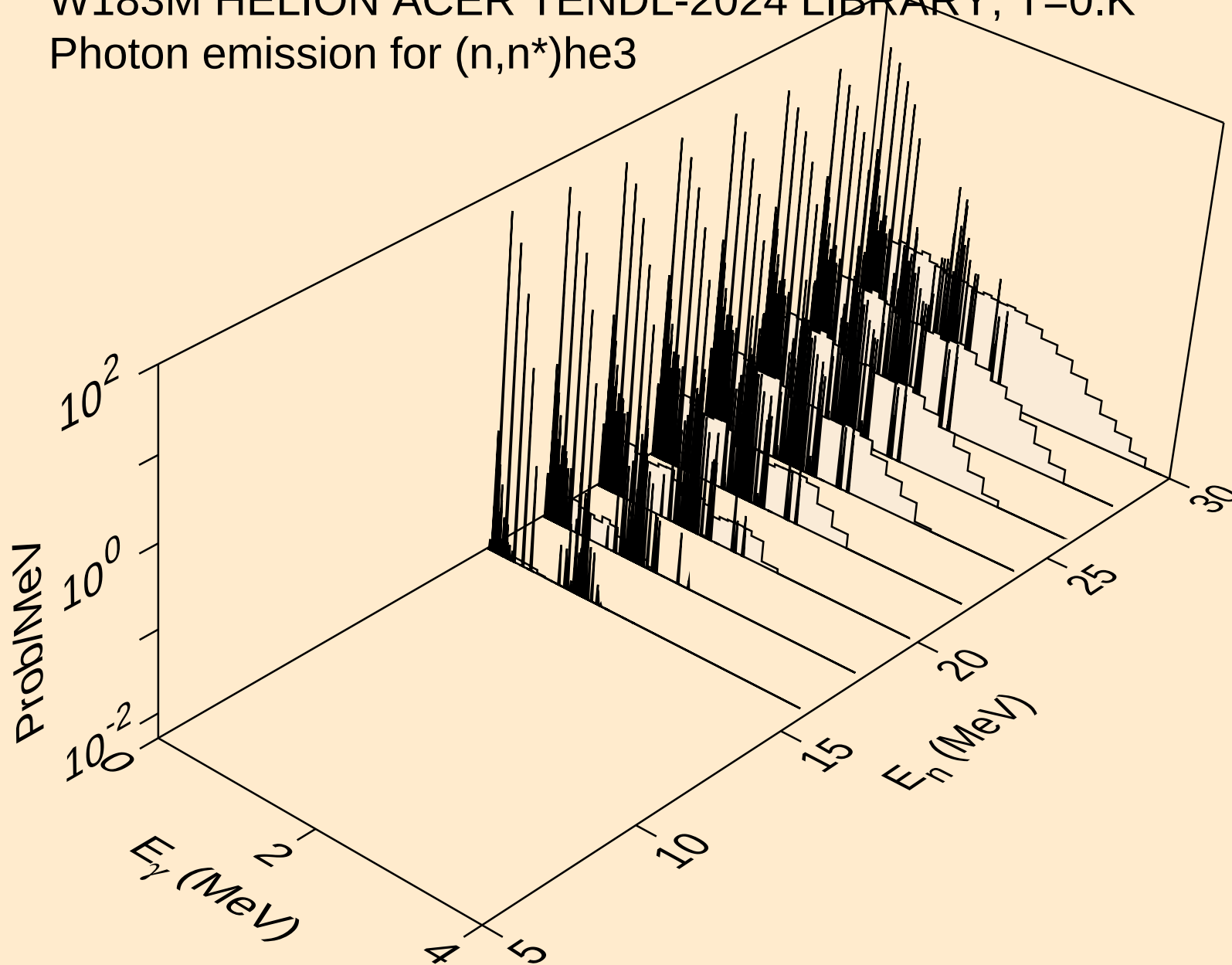


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

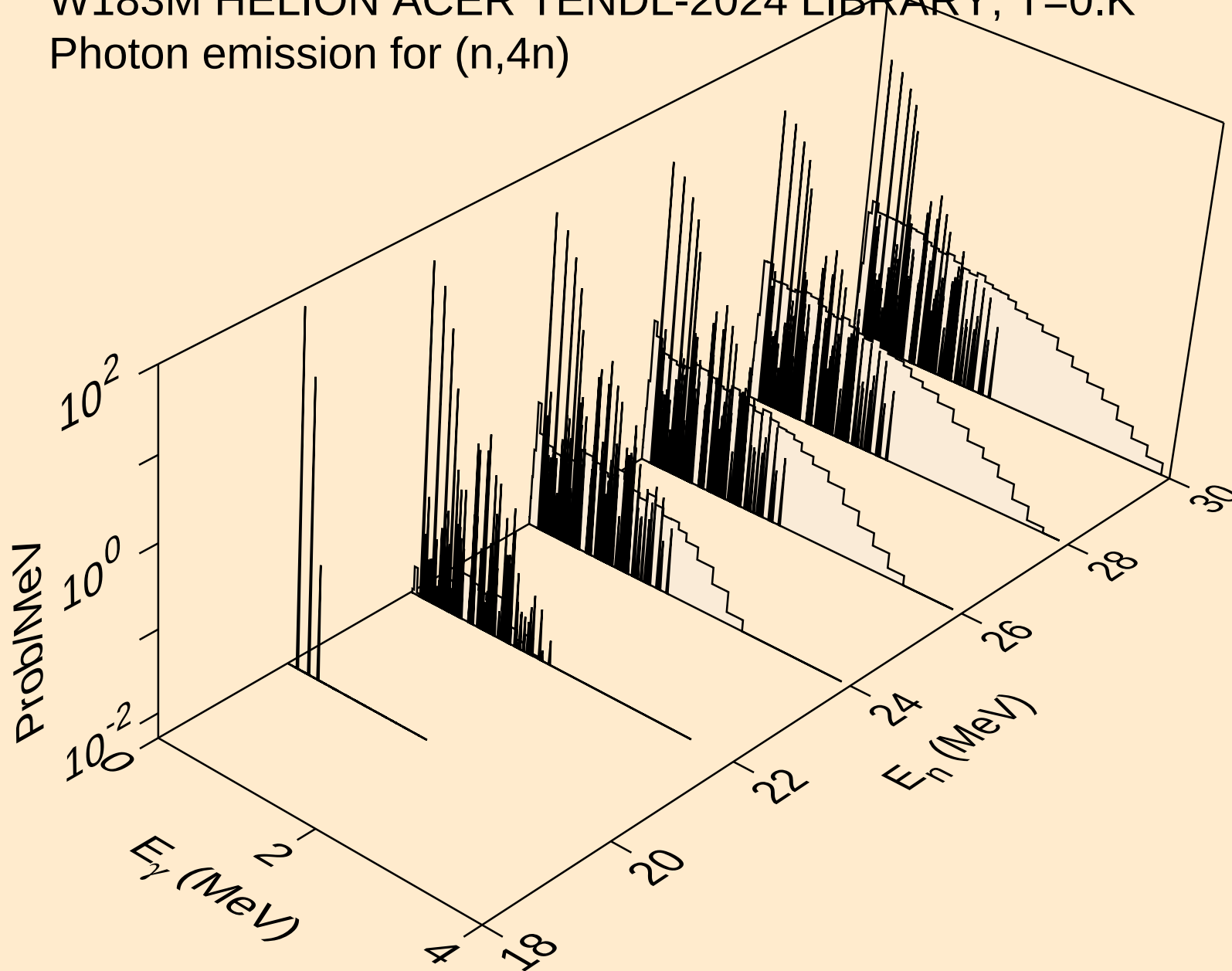
Photon emission for (n,n\*)t



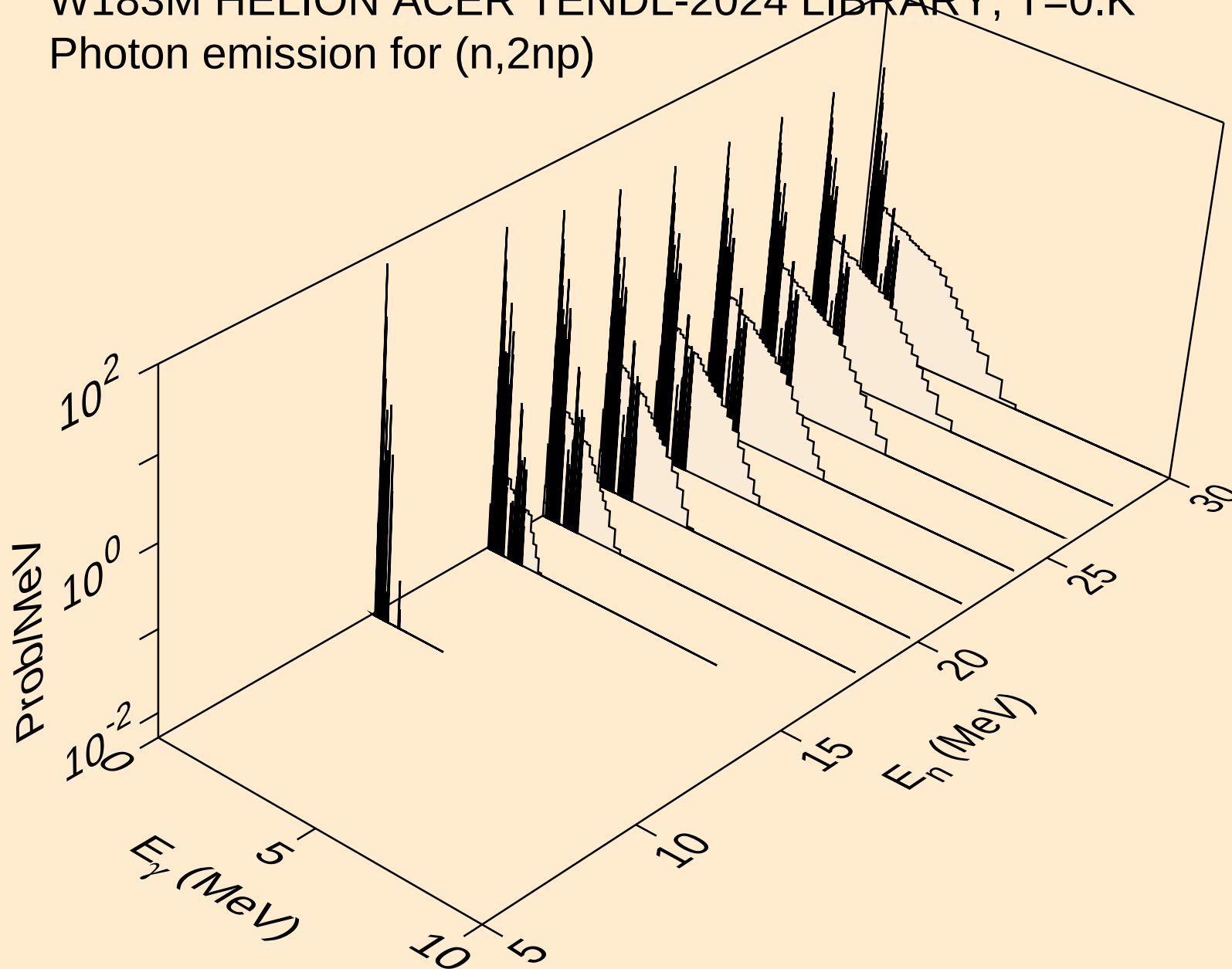
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



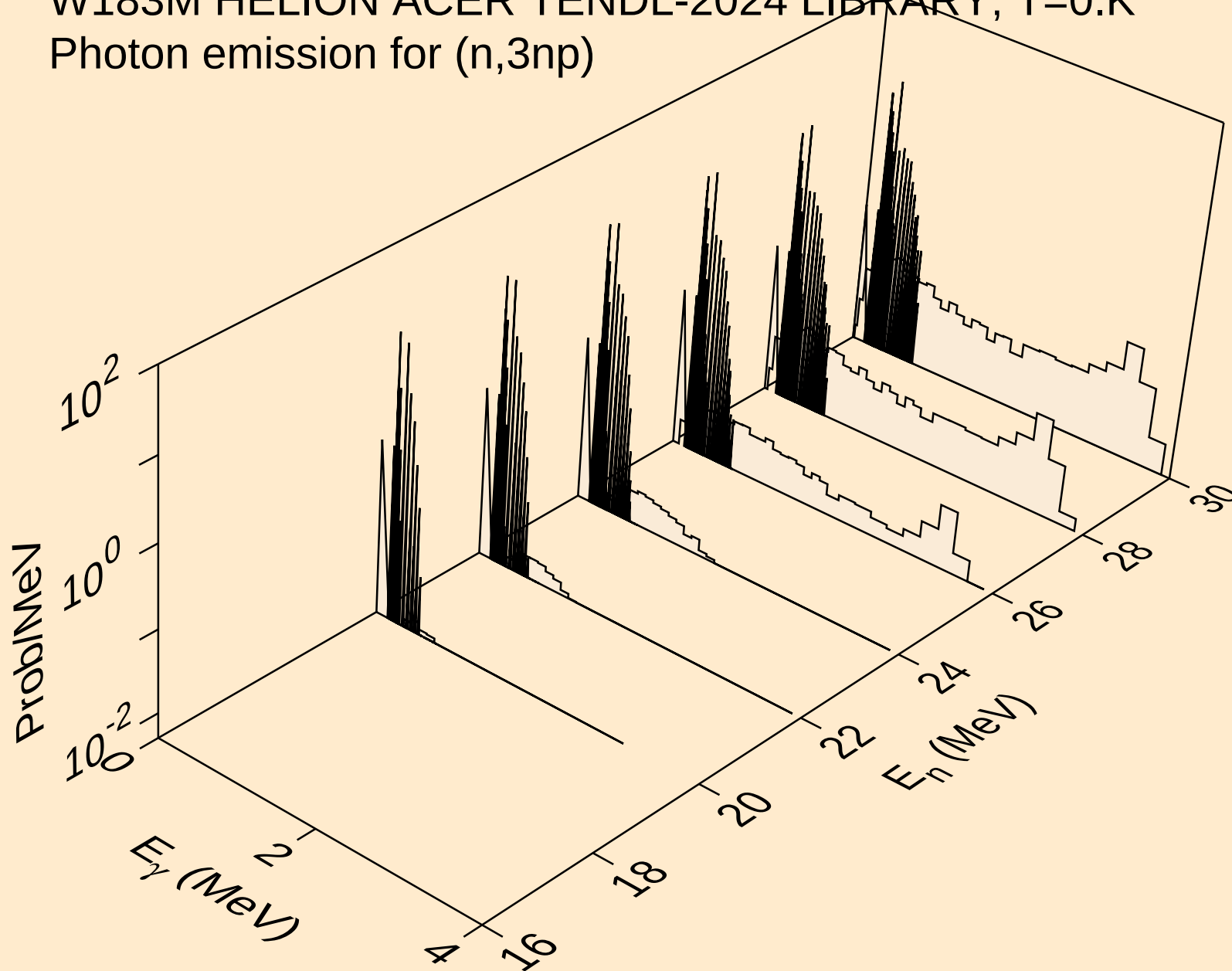
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

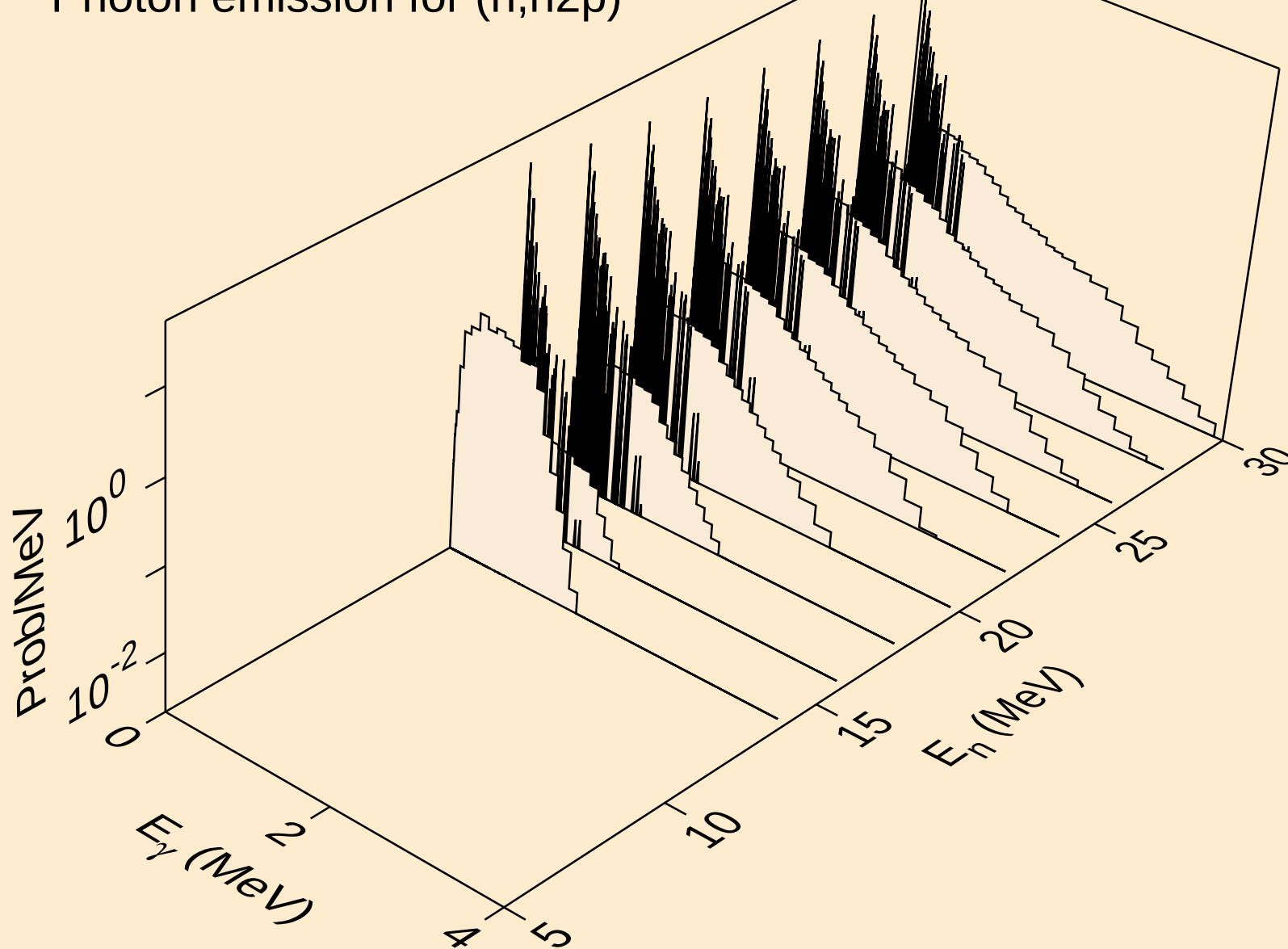


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

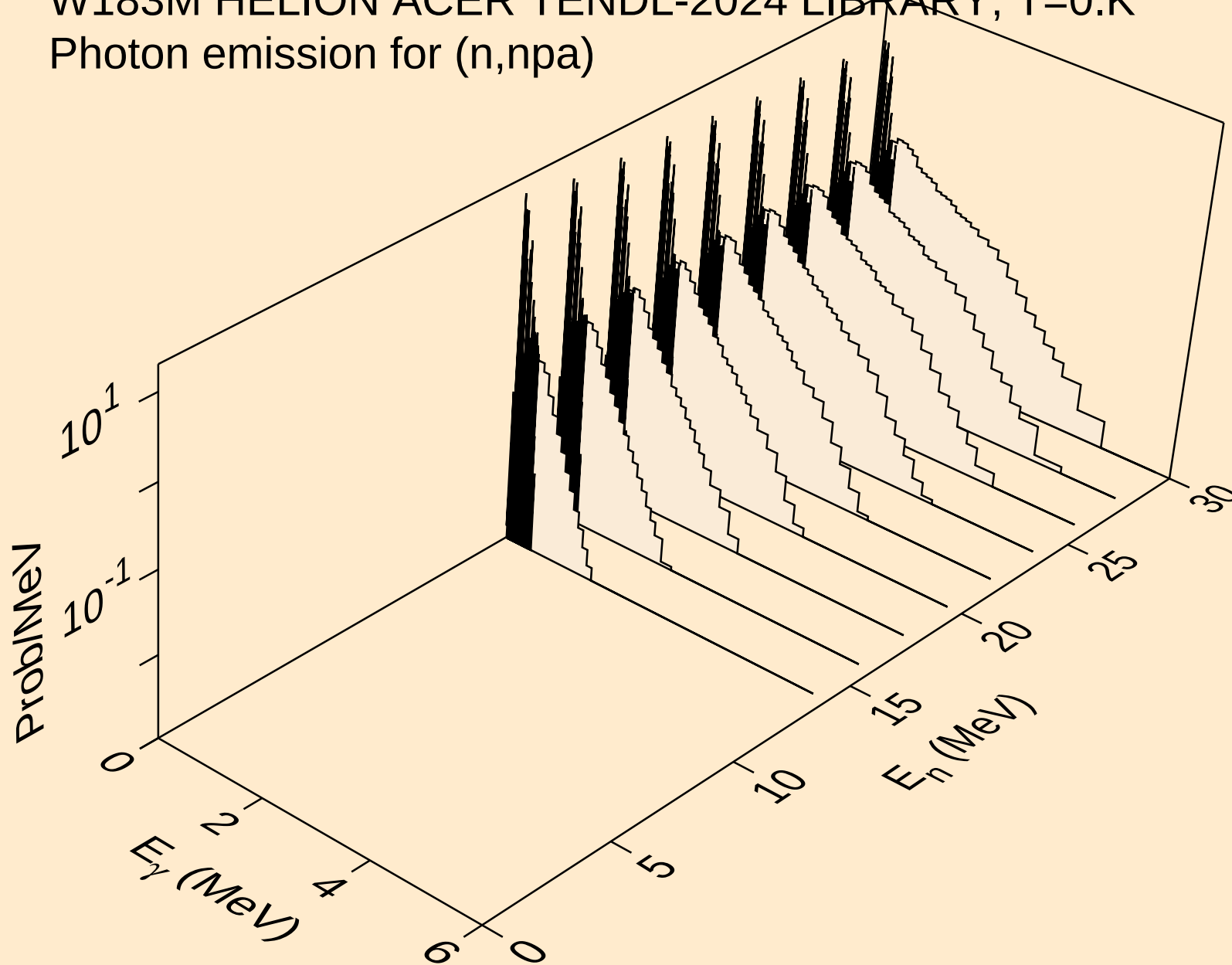




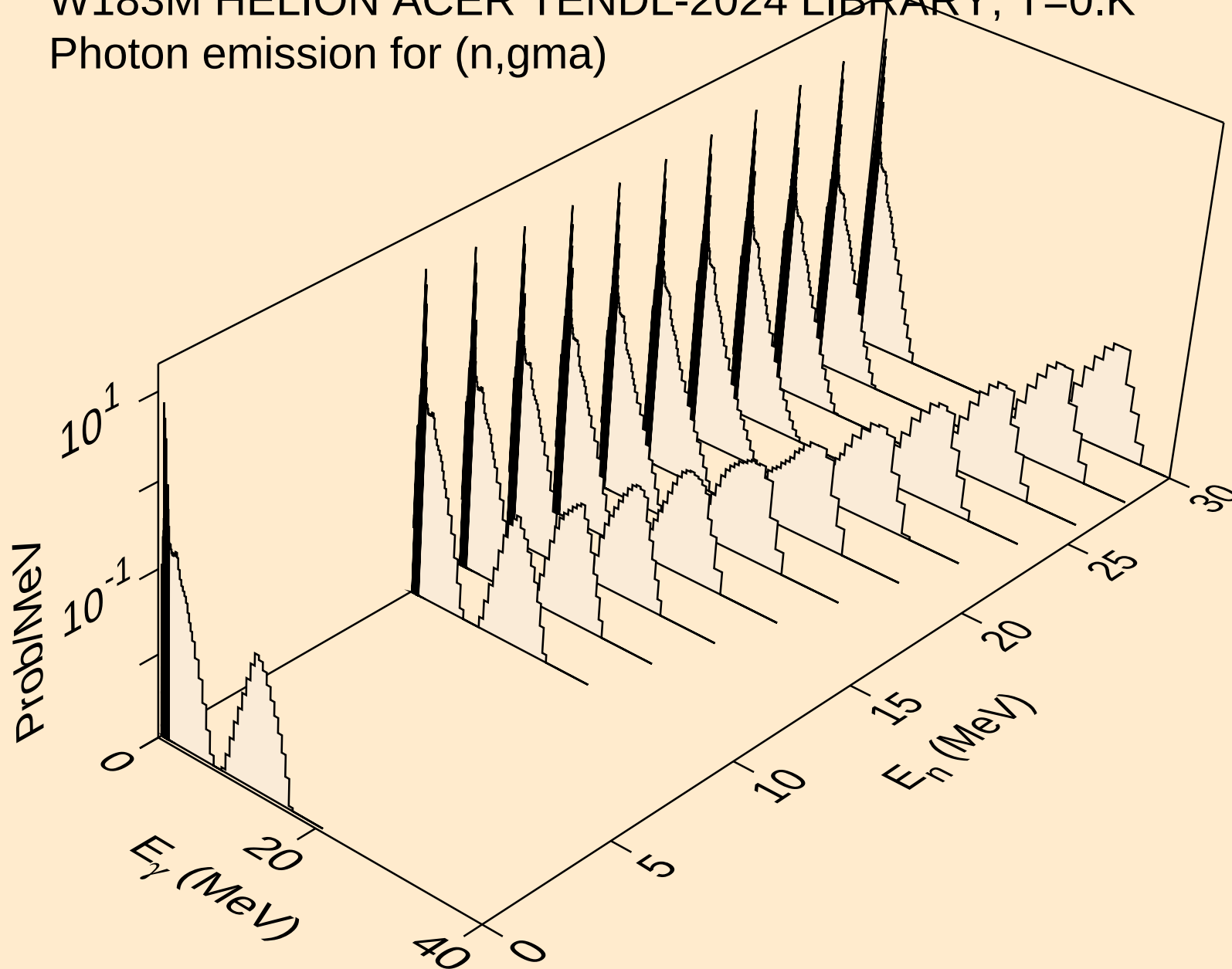
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



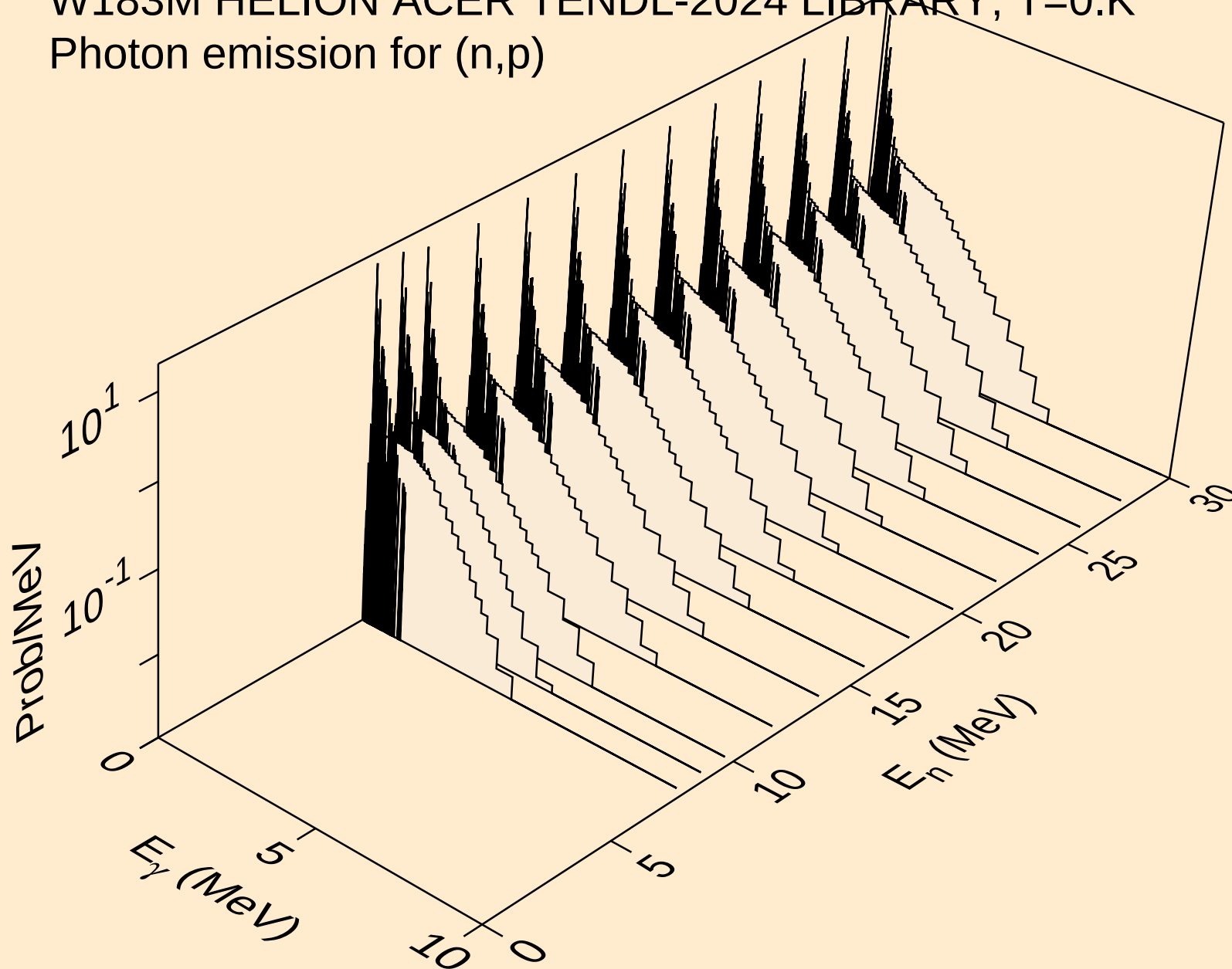
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



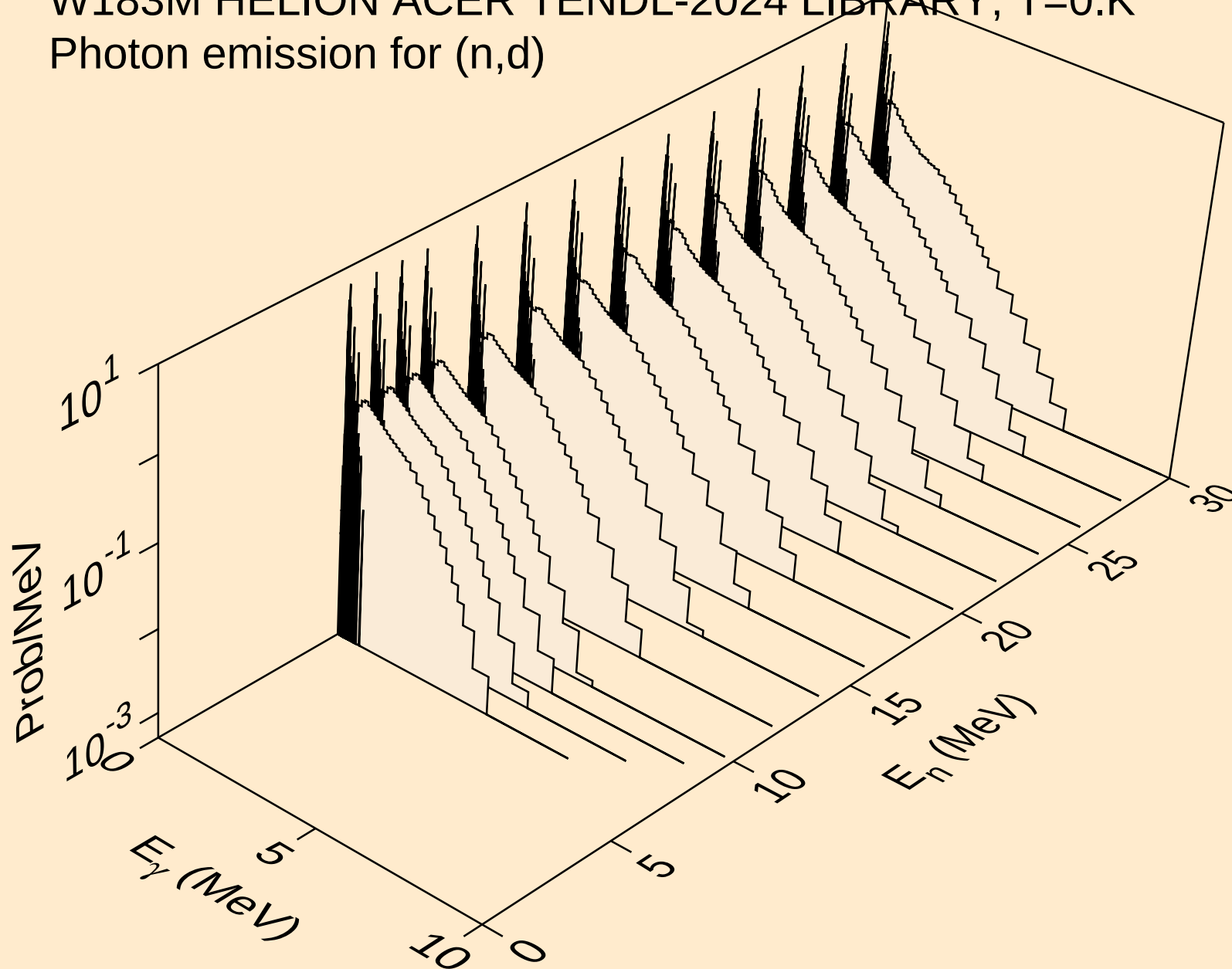
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Photon emission for (n,gma)



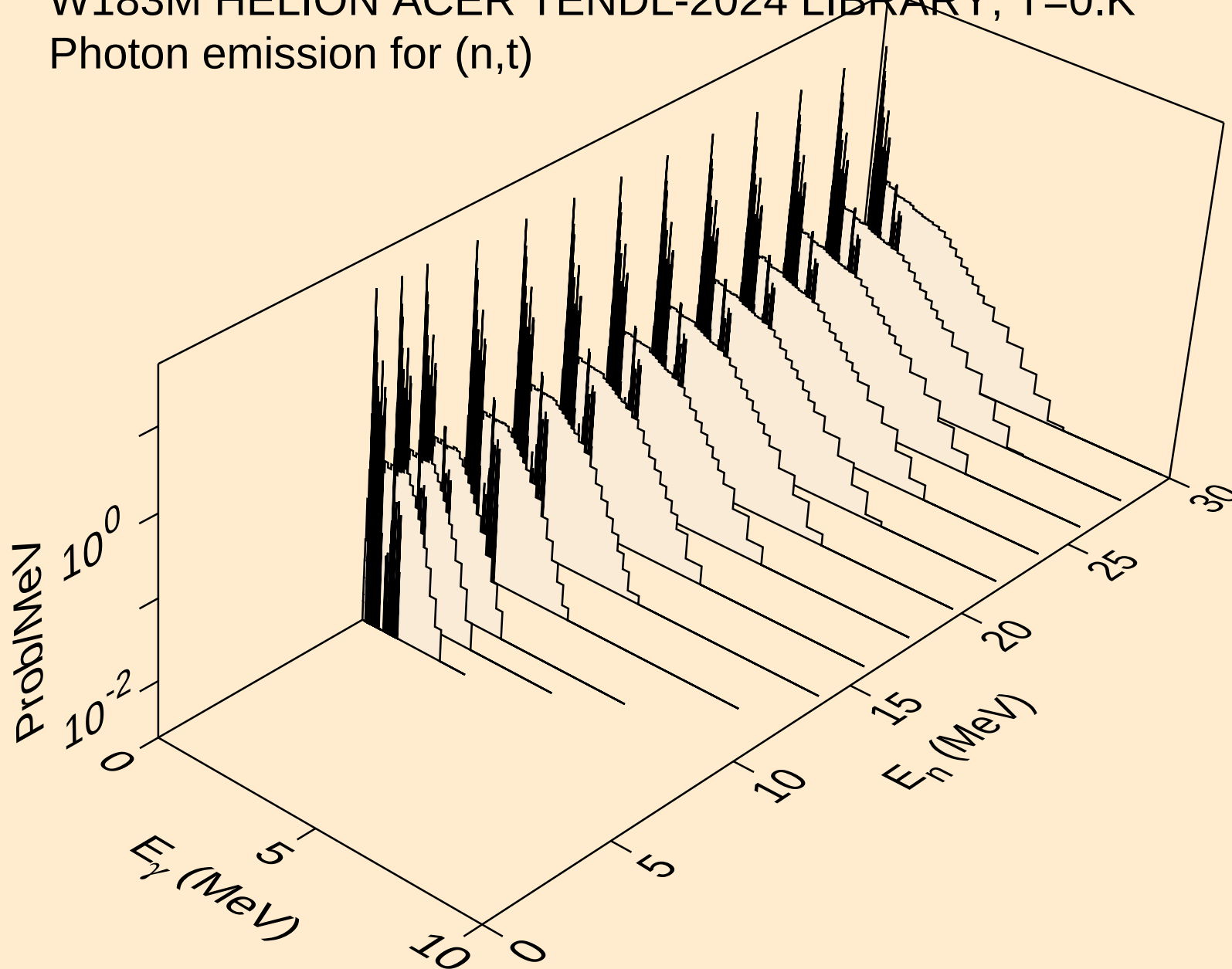
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Photon emission for (n,p)



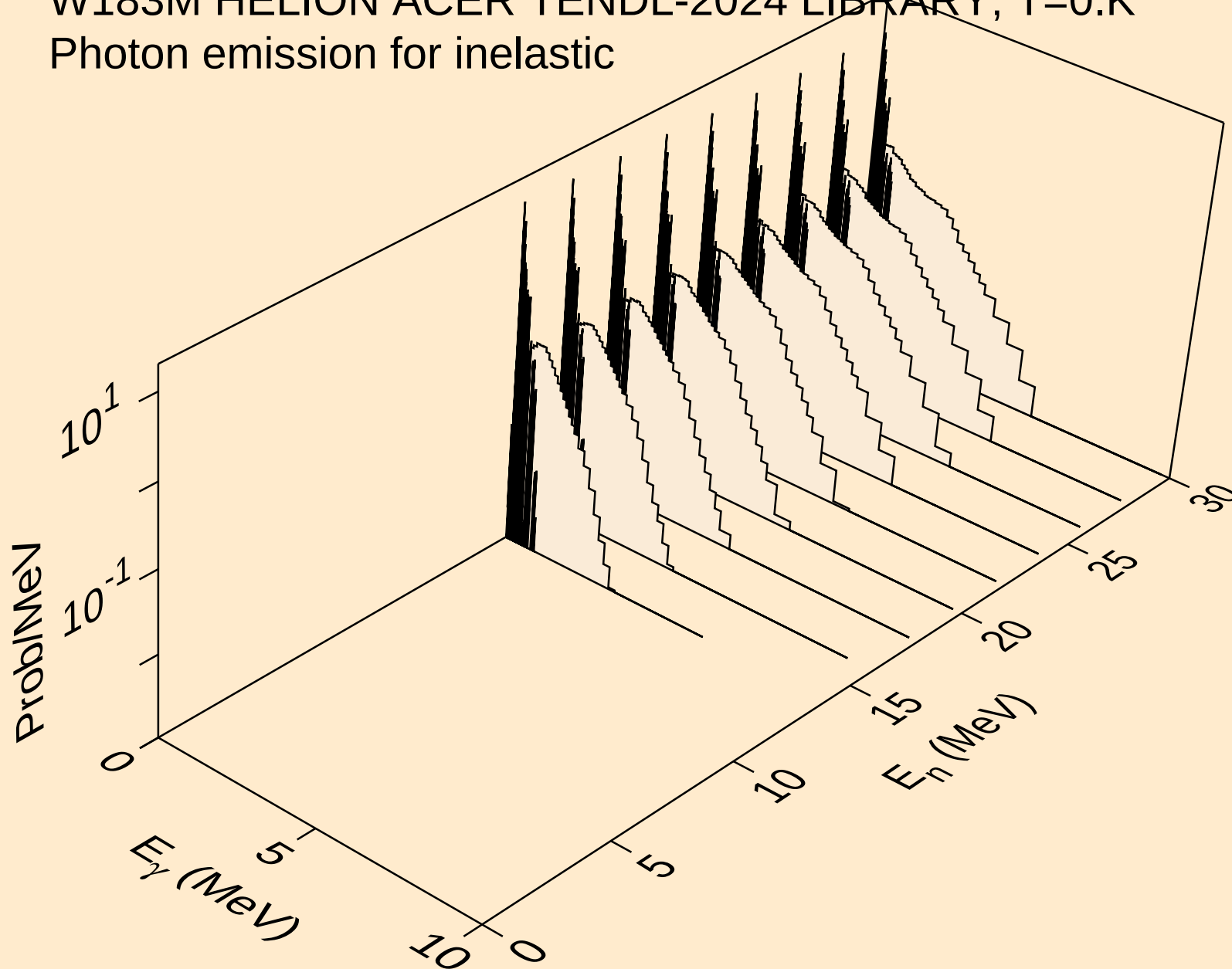
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Photon emission for (n,d)



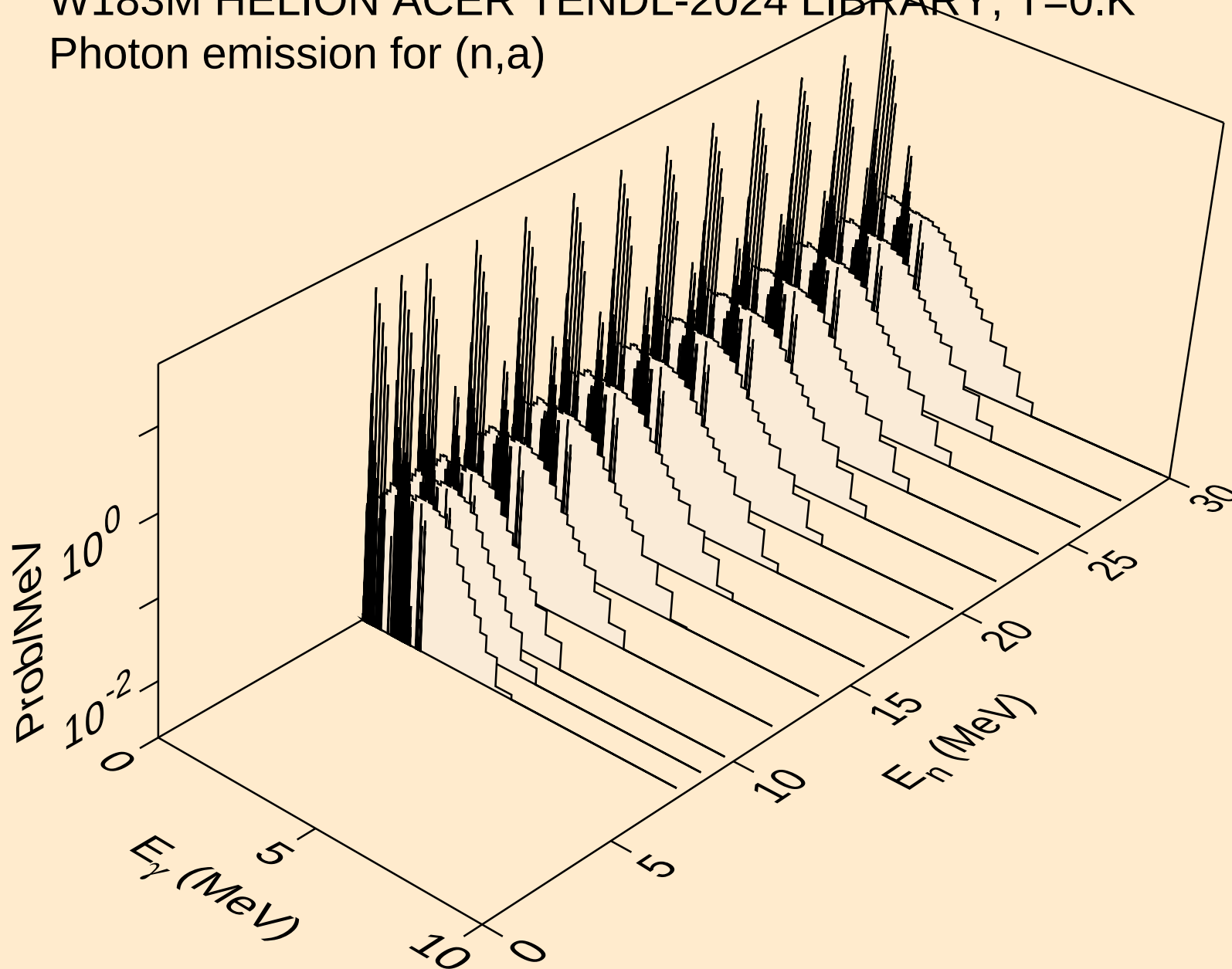
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

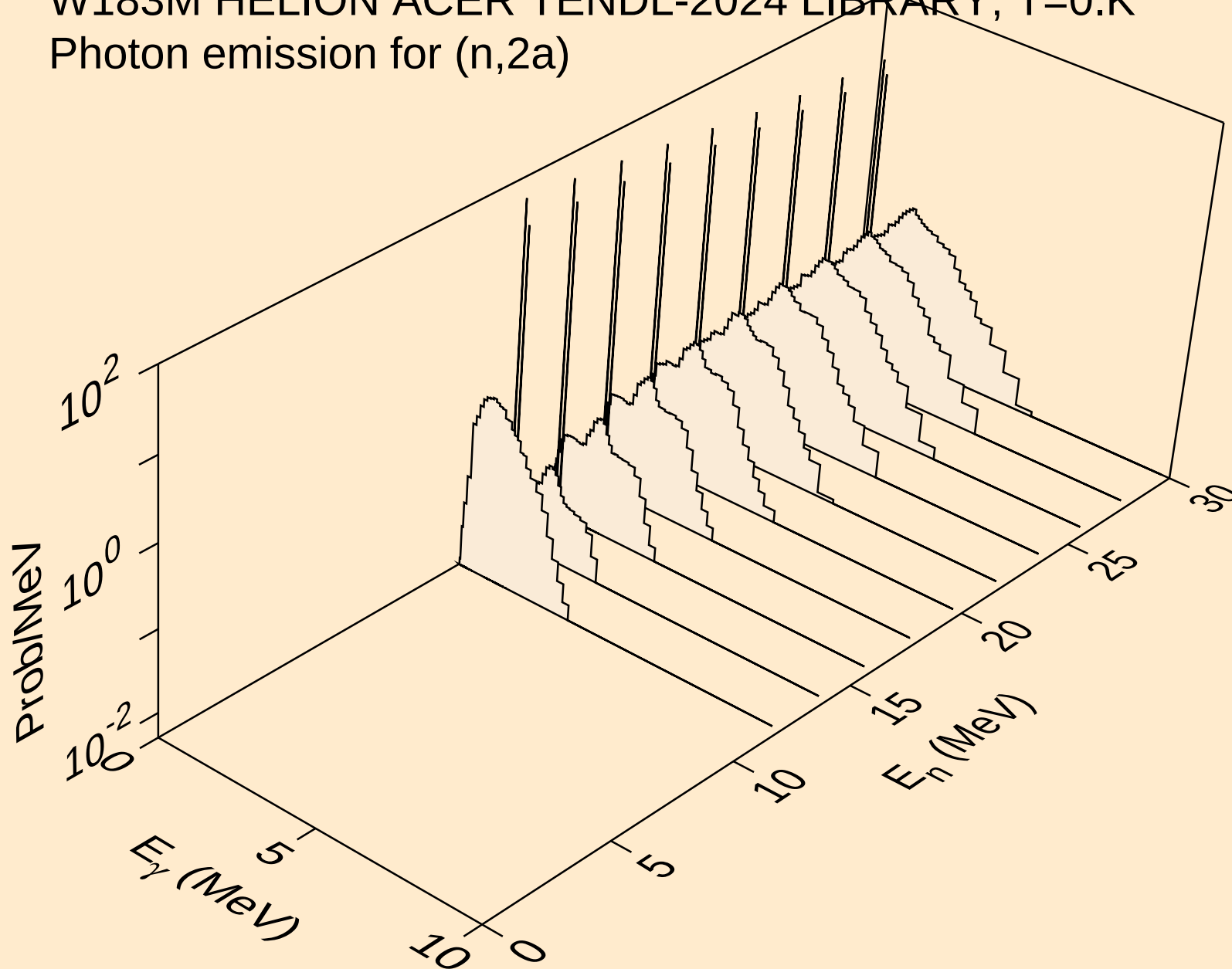


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Photon emission for (n,a)

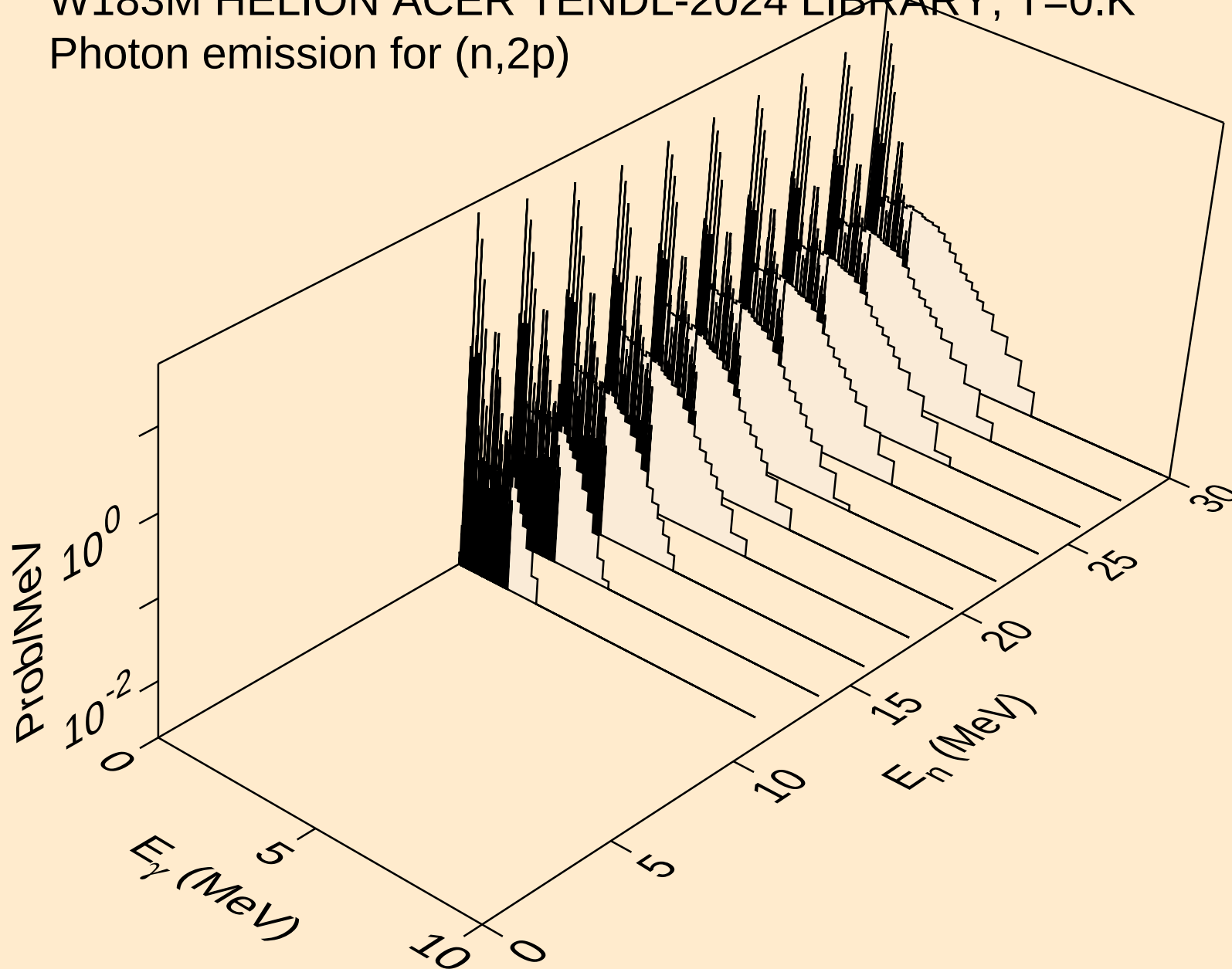




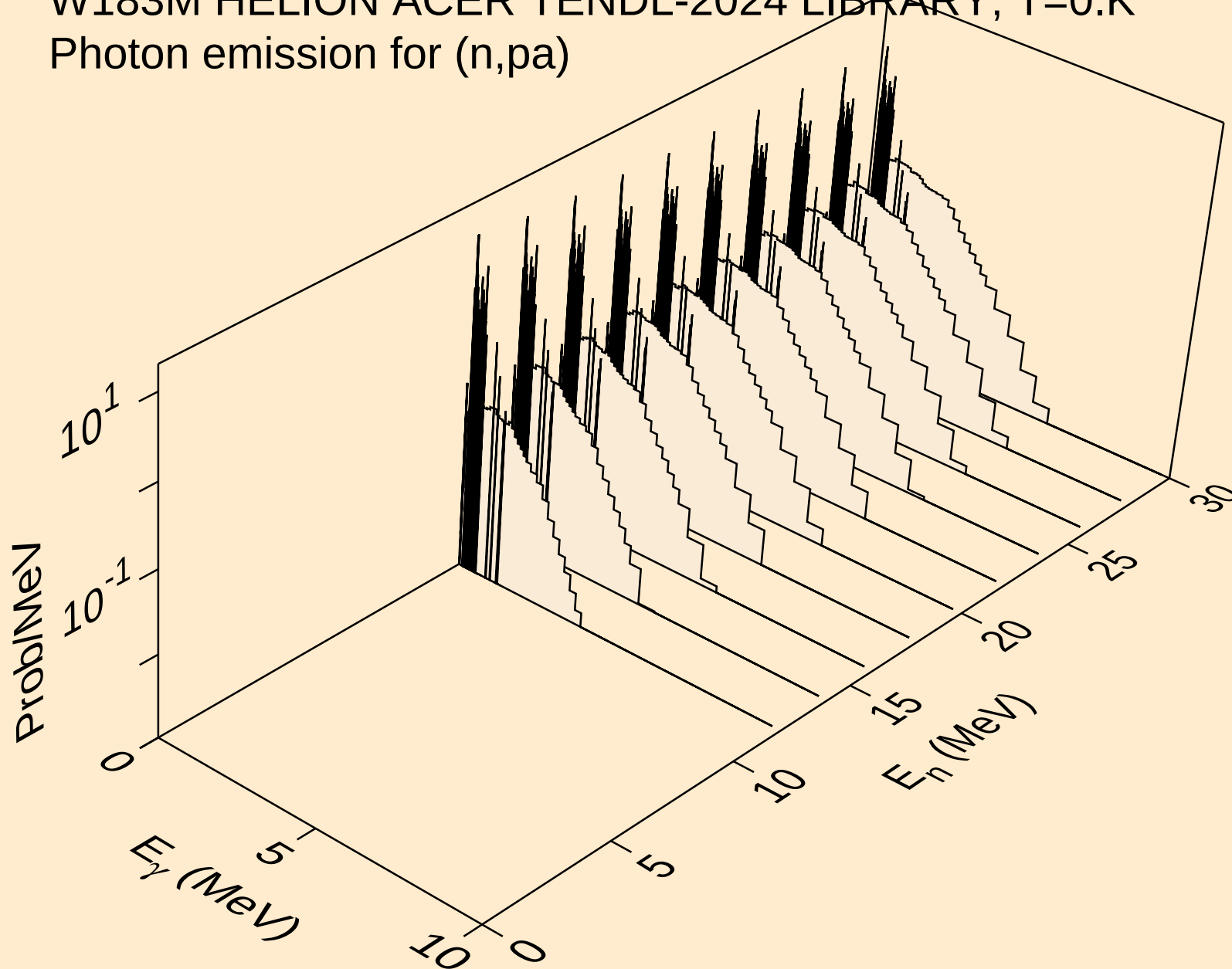
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Photon emission for (n,2a)



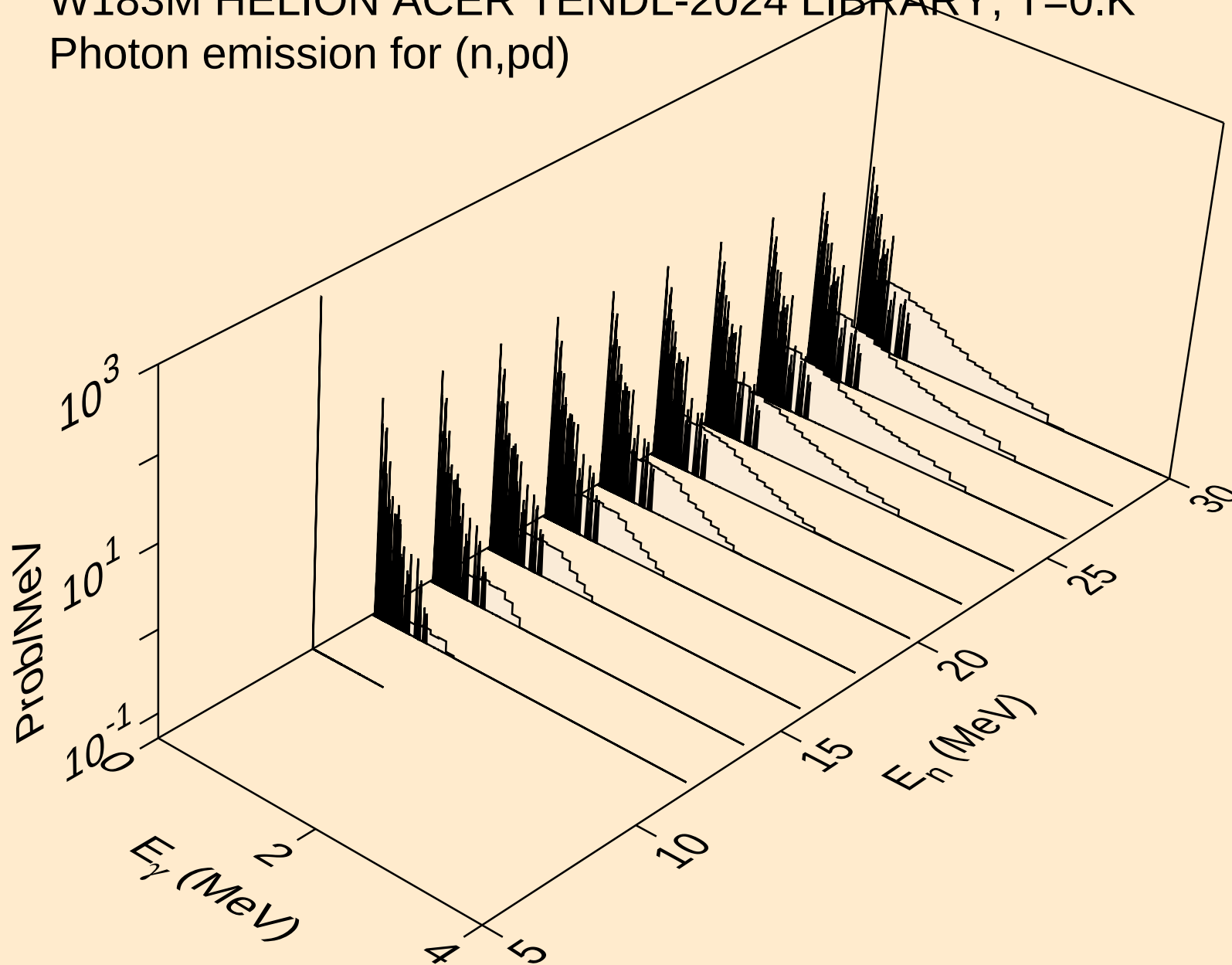
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Photon emission for (n,2p)



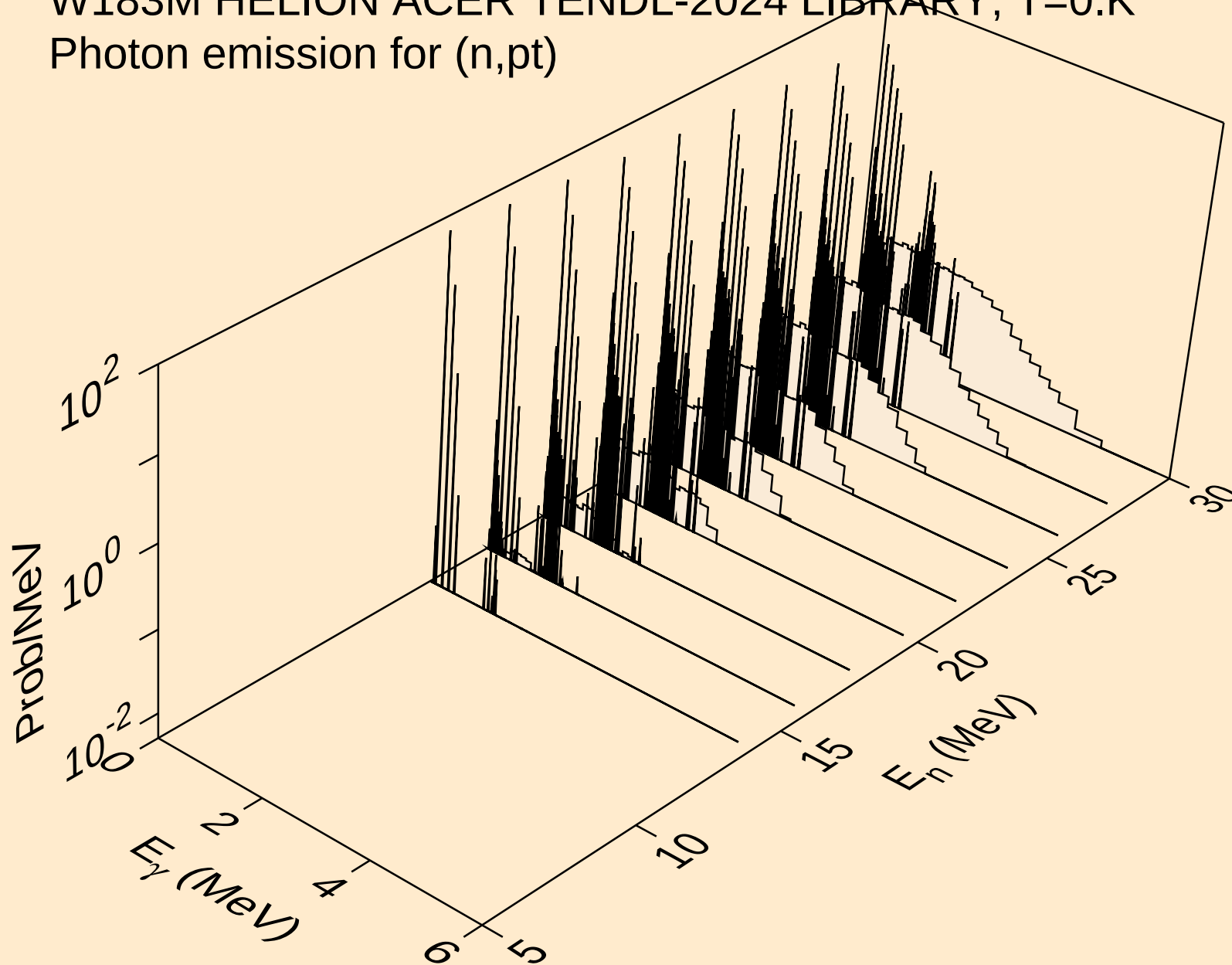
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Photon emission for (n,pa)



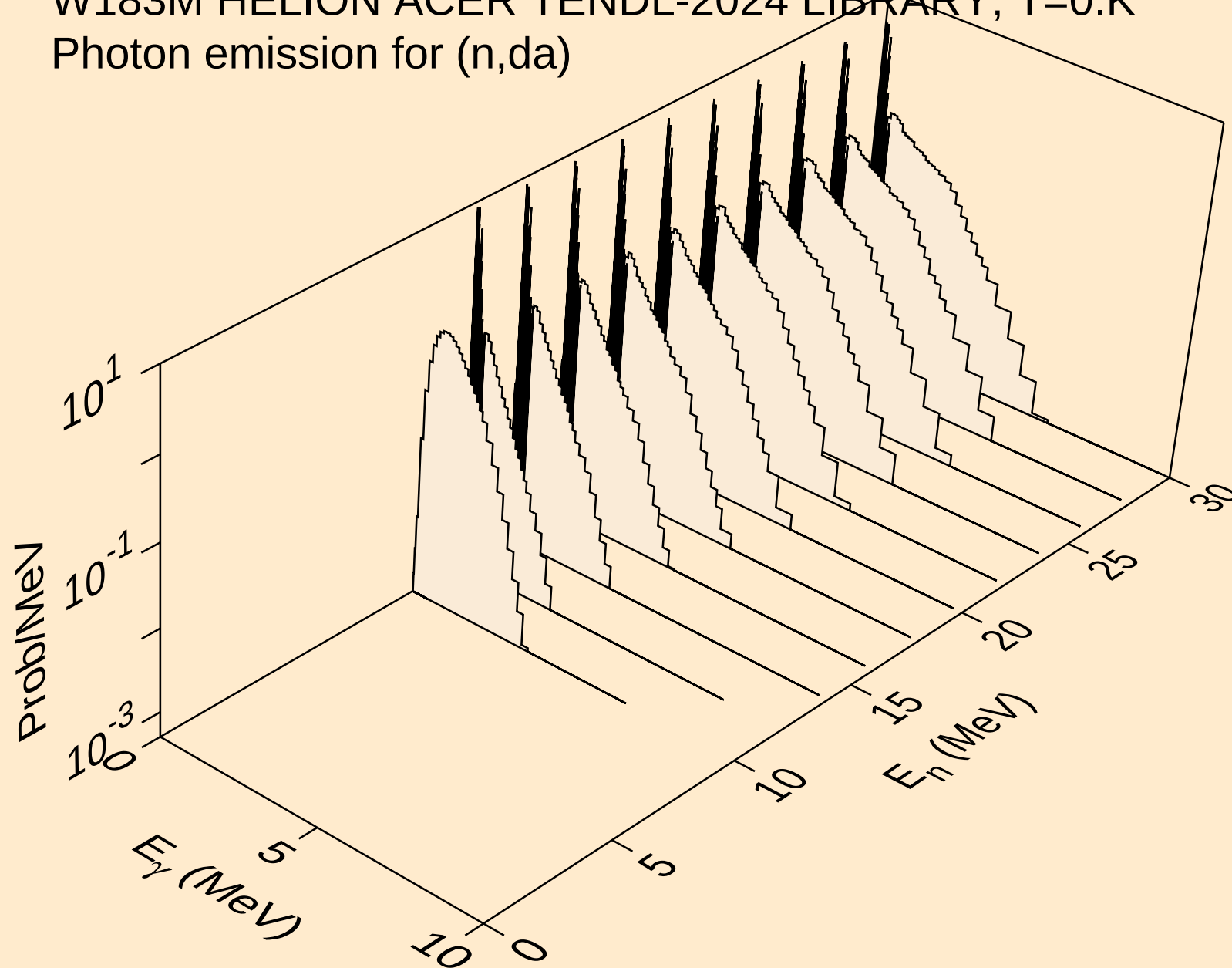
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Photon emission for (n,pd)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

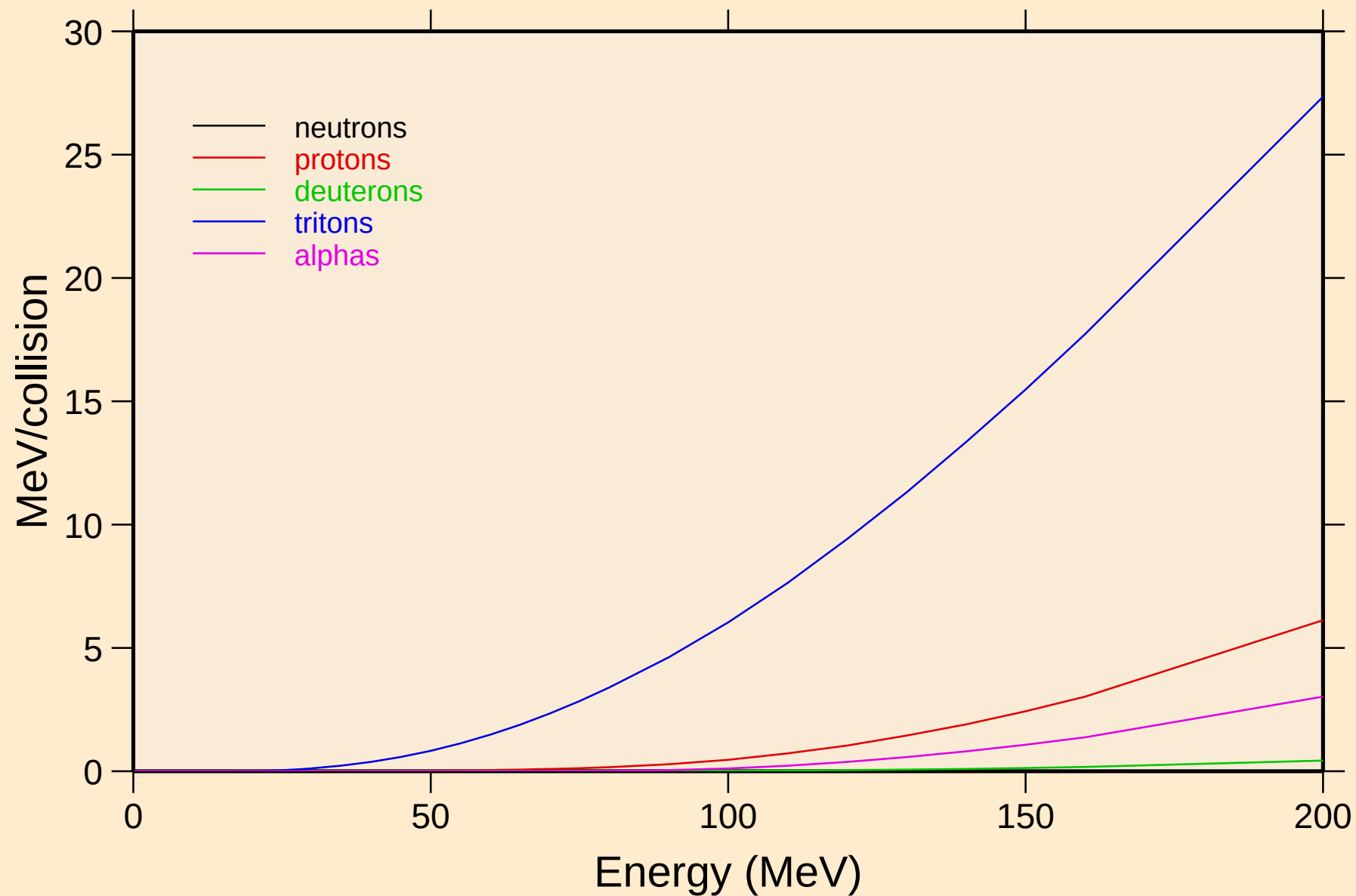


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Photon emission for (n,da)



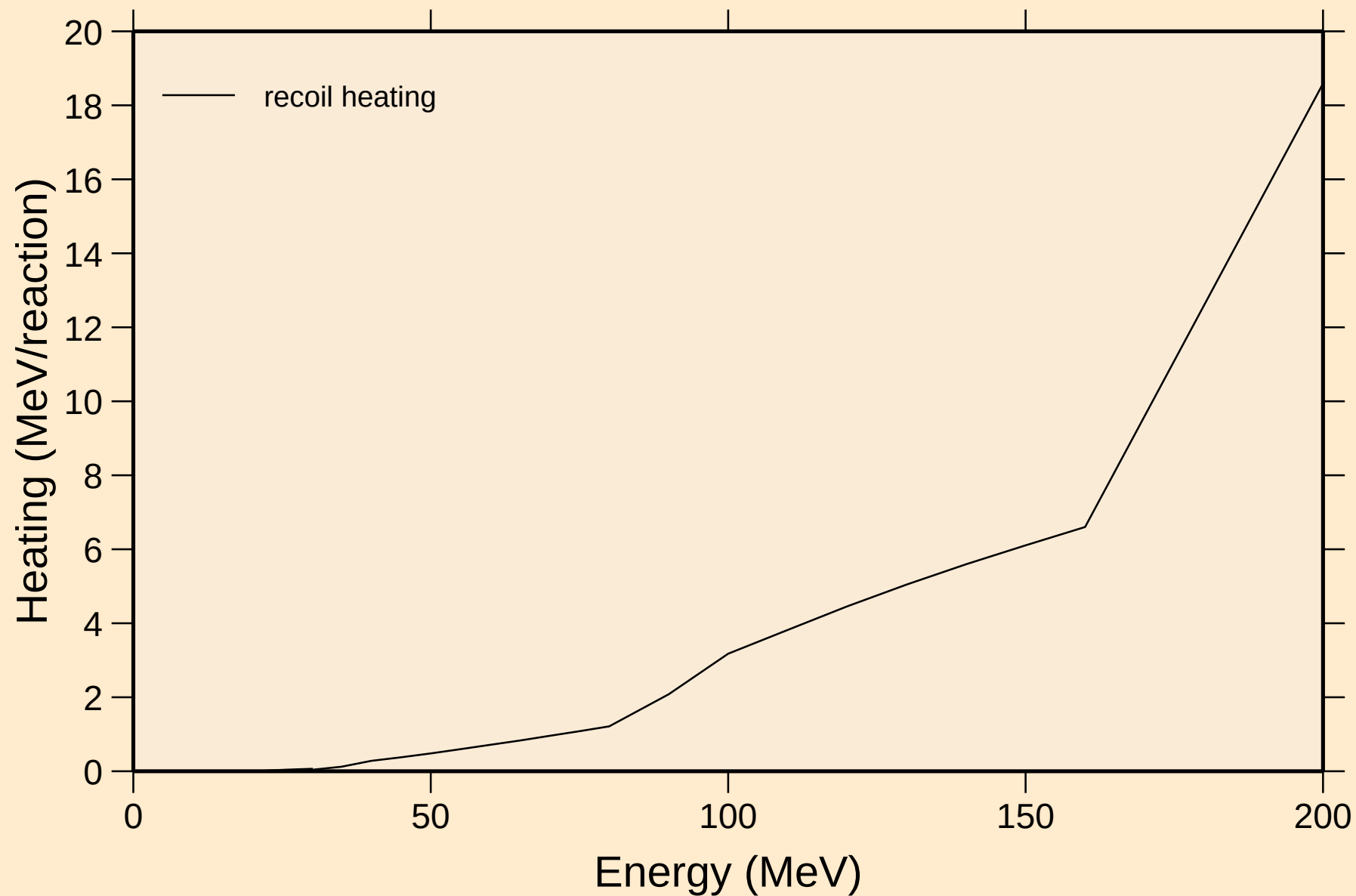
# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

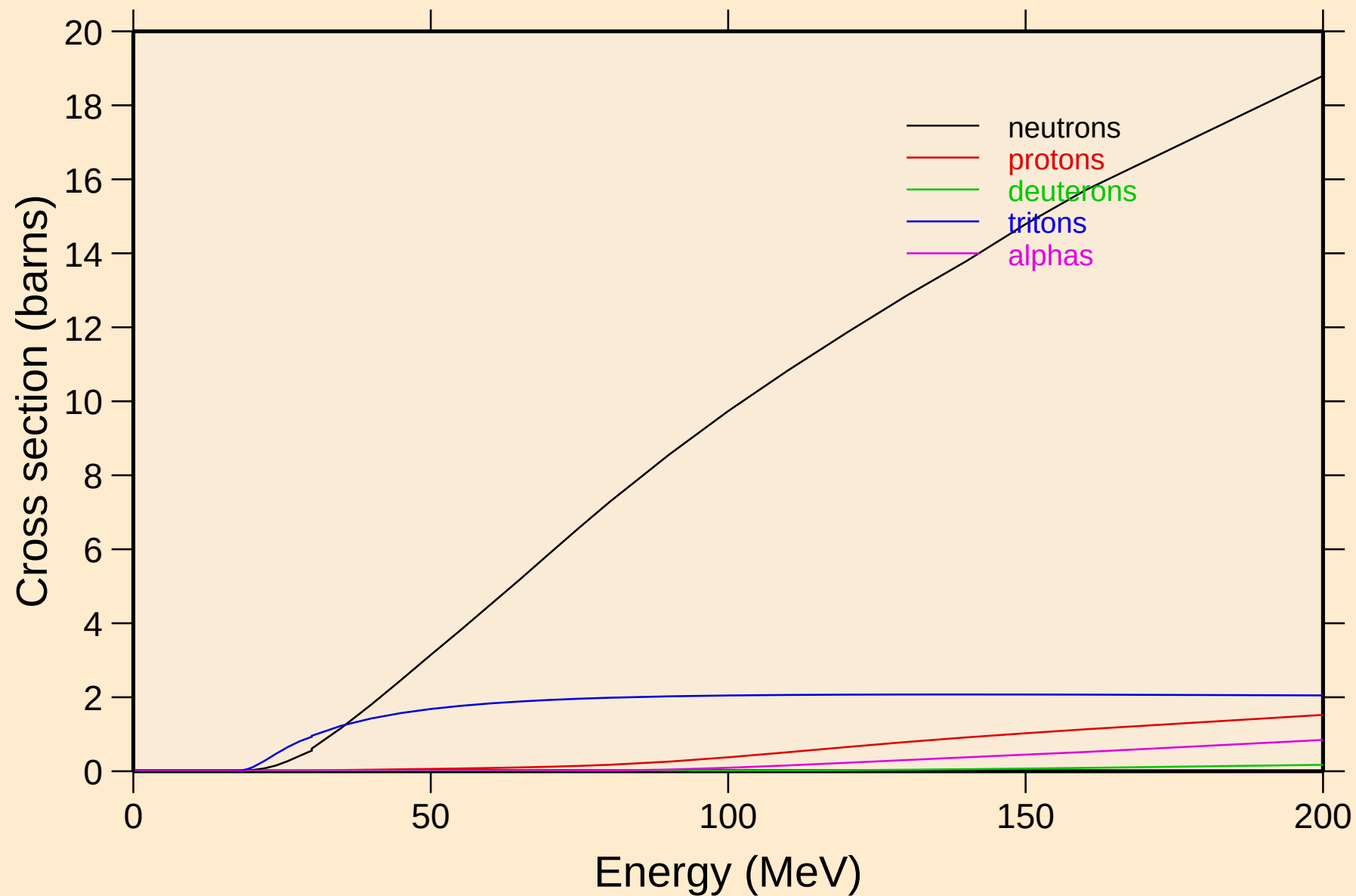
## Recoil Heating



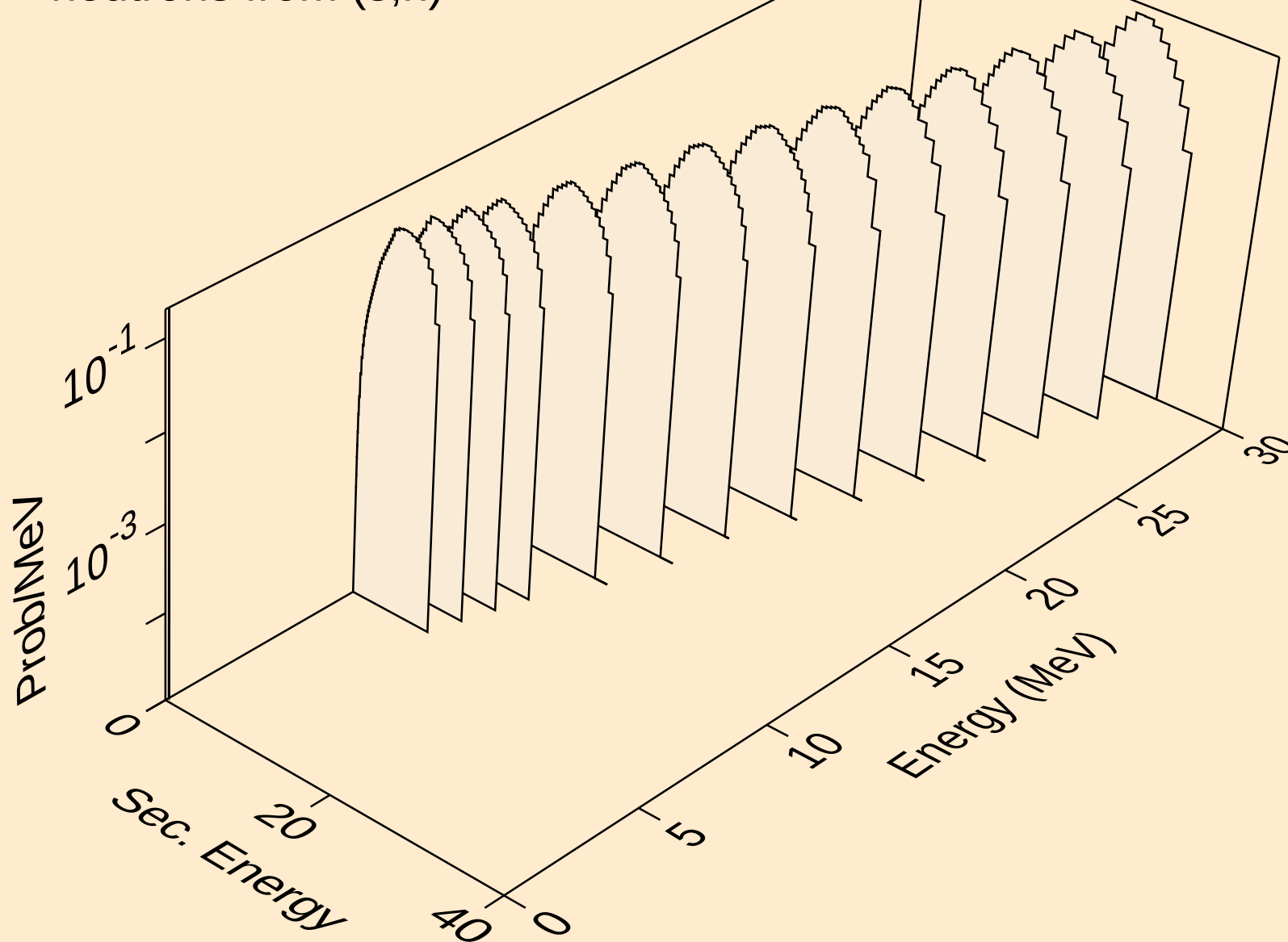


# W183M HELION ACER TENDL-2024 LIBRARY; T=0.K

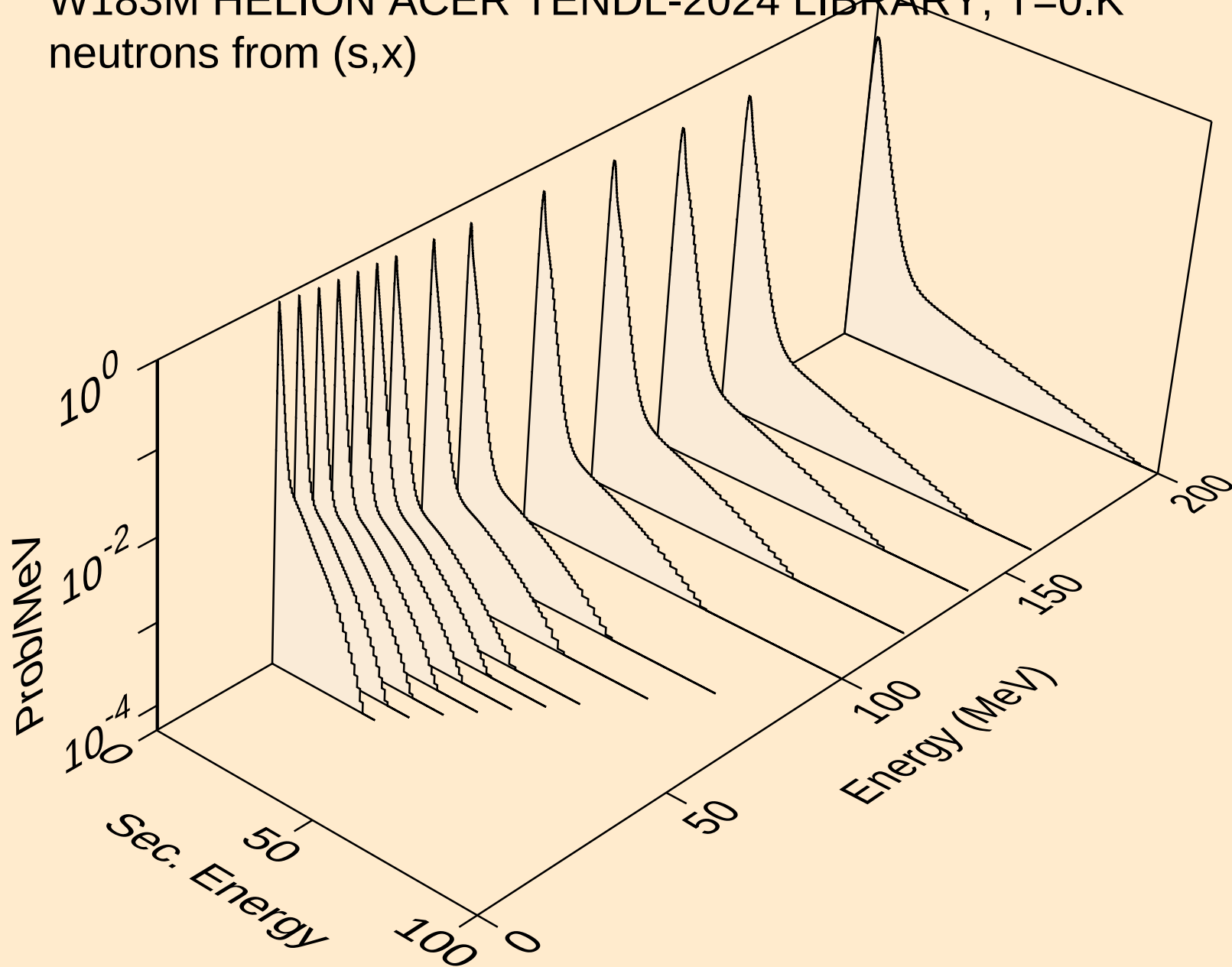
## Particle production cross sections



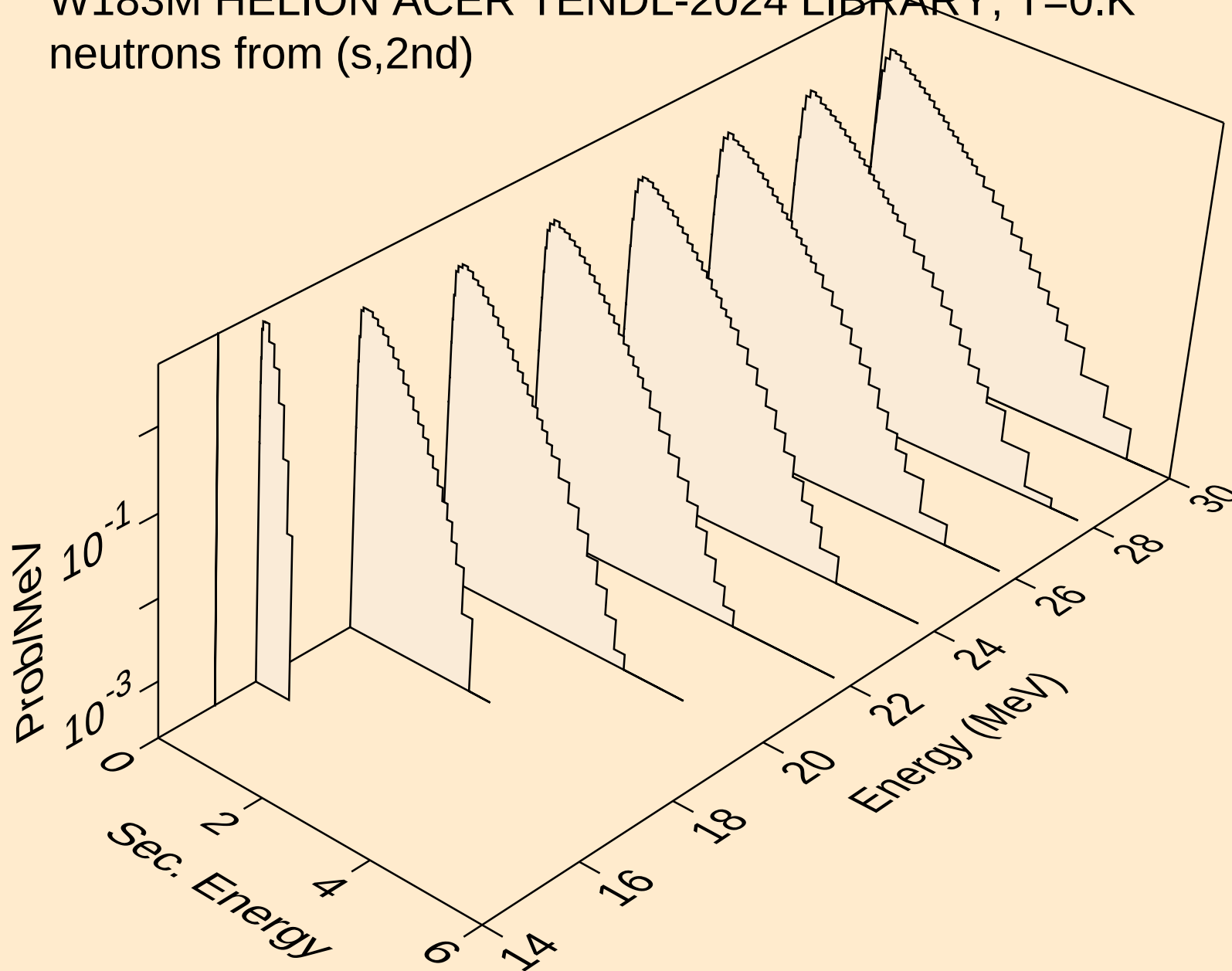
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



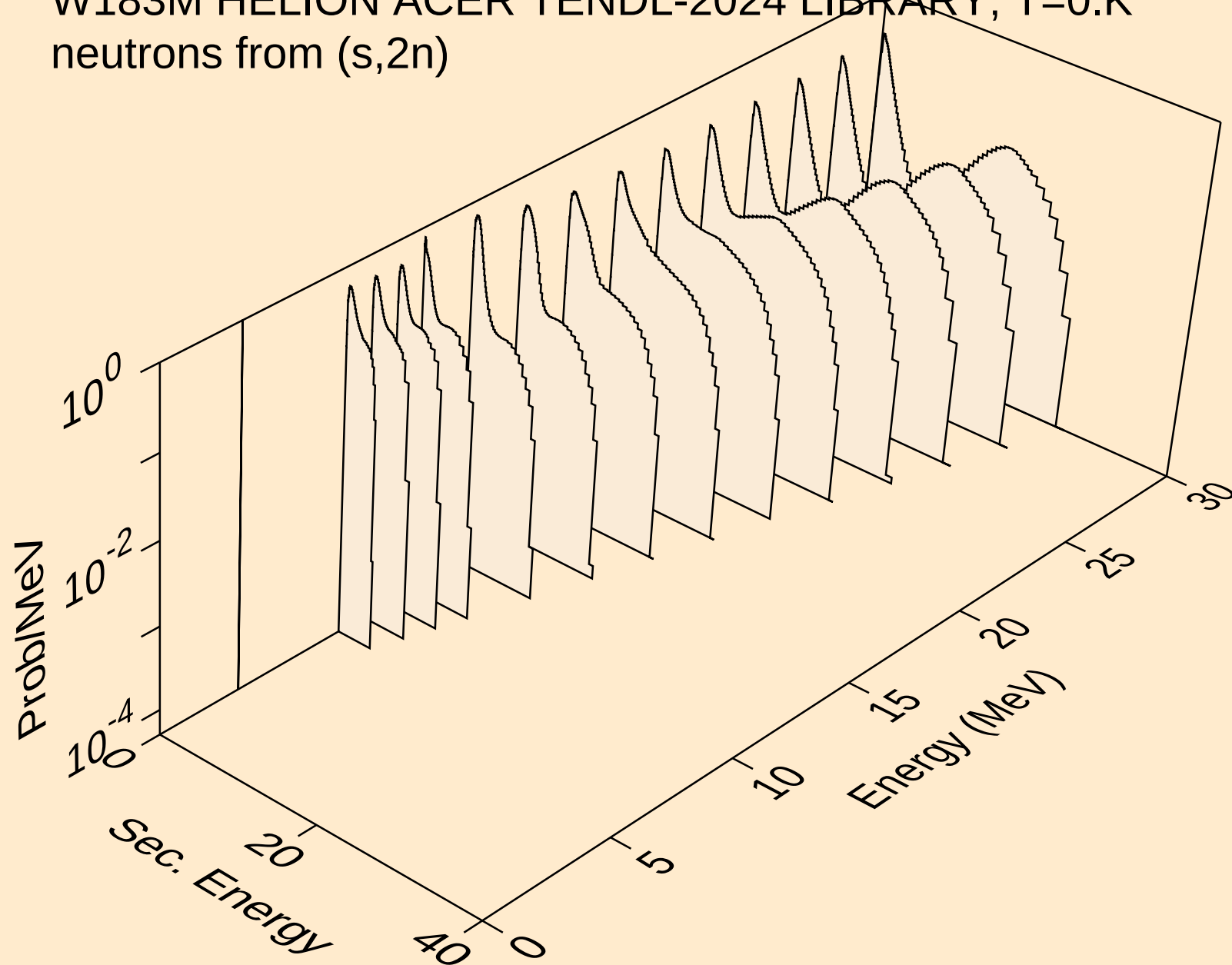
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neutrons from (s,x)



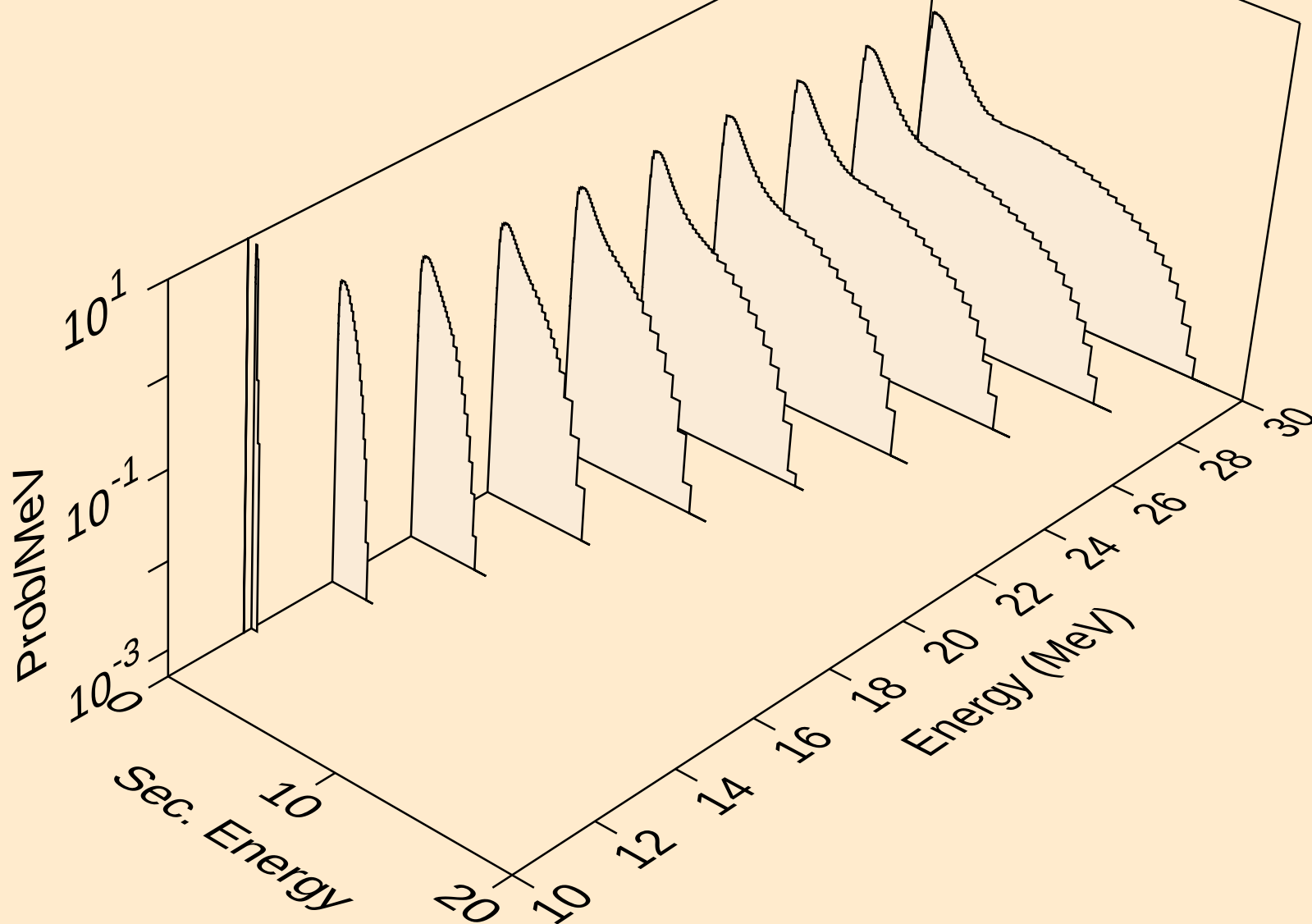
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neutrons from (s,2nd)



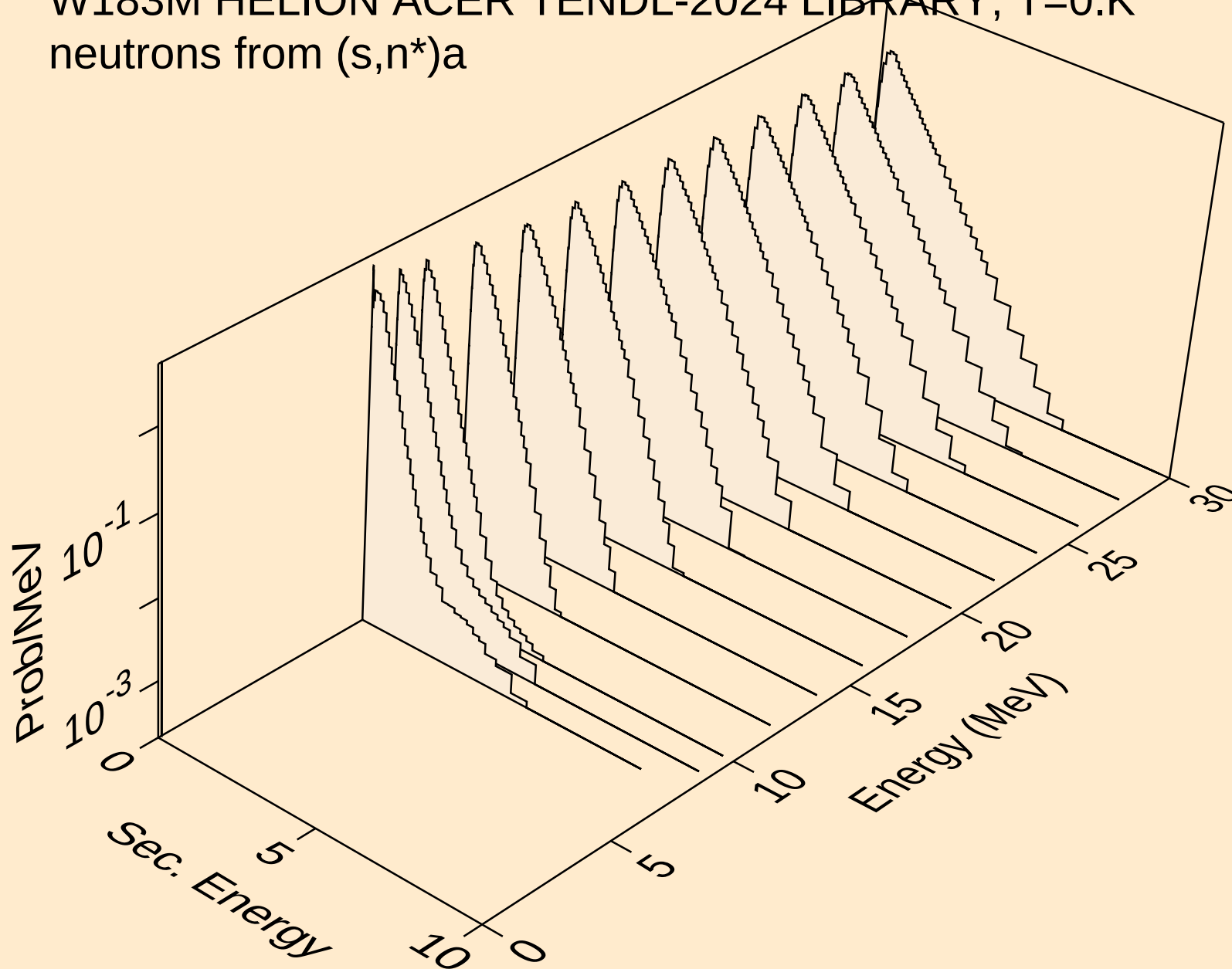
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



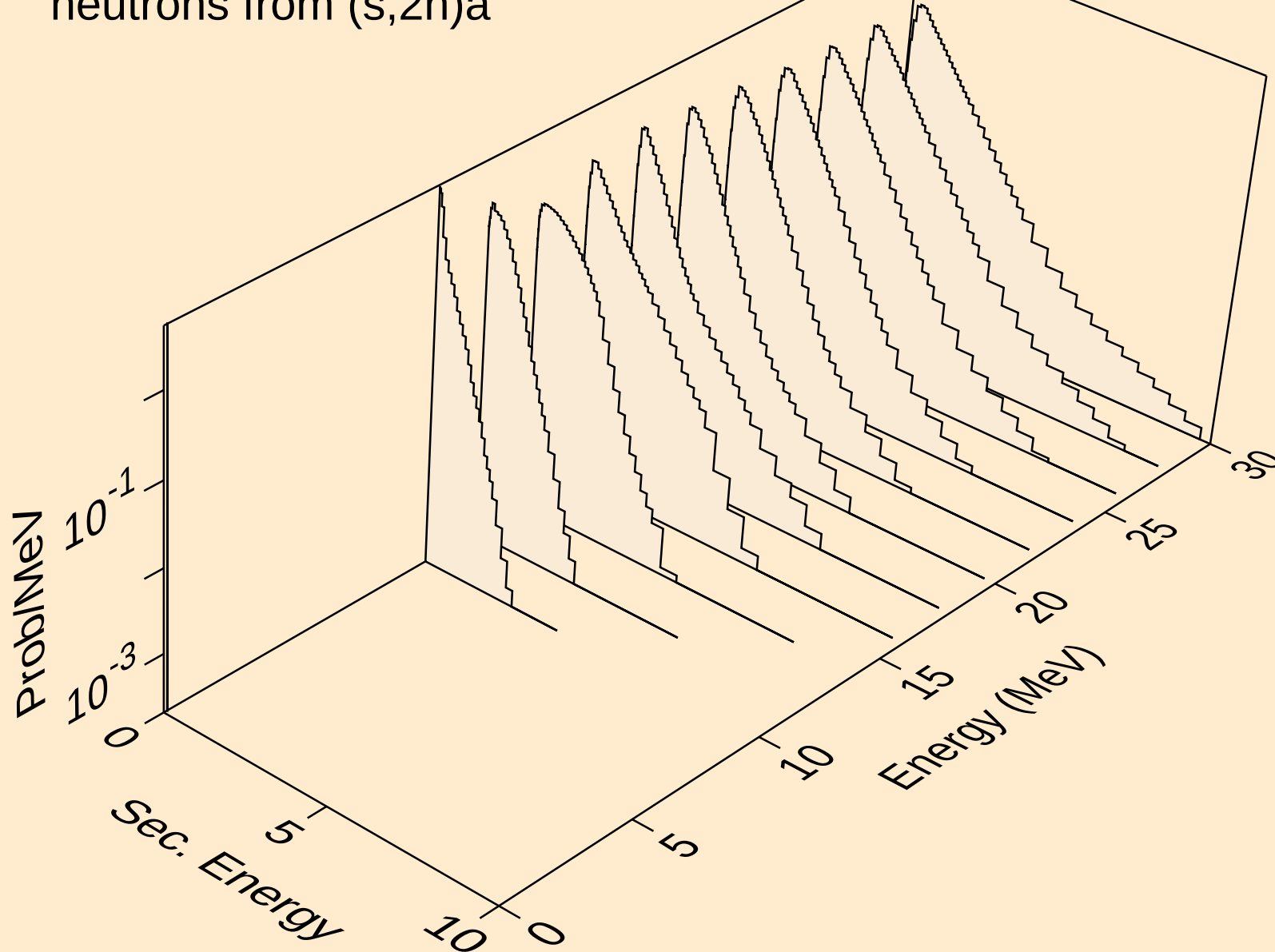
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a

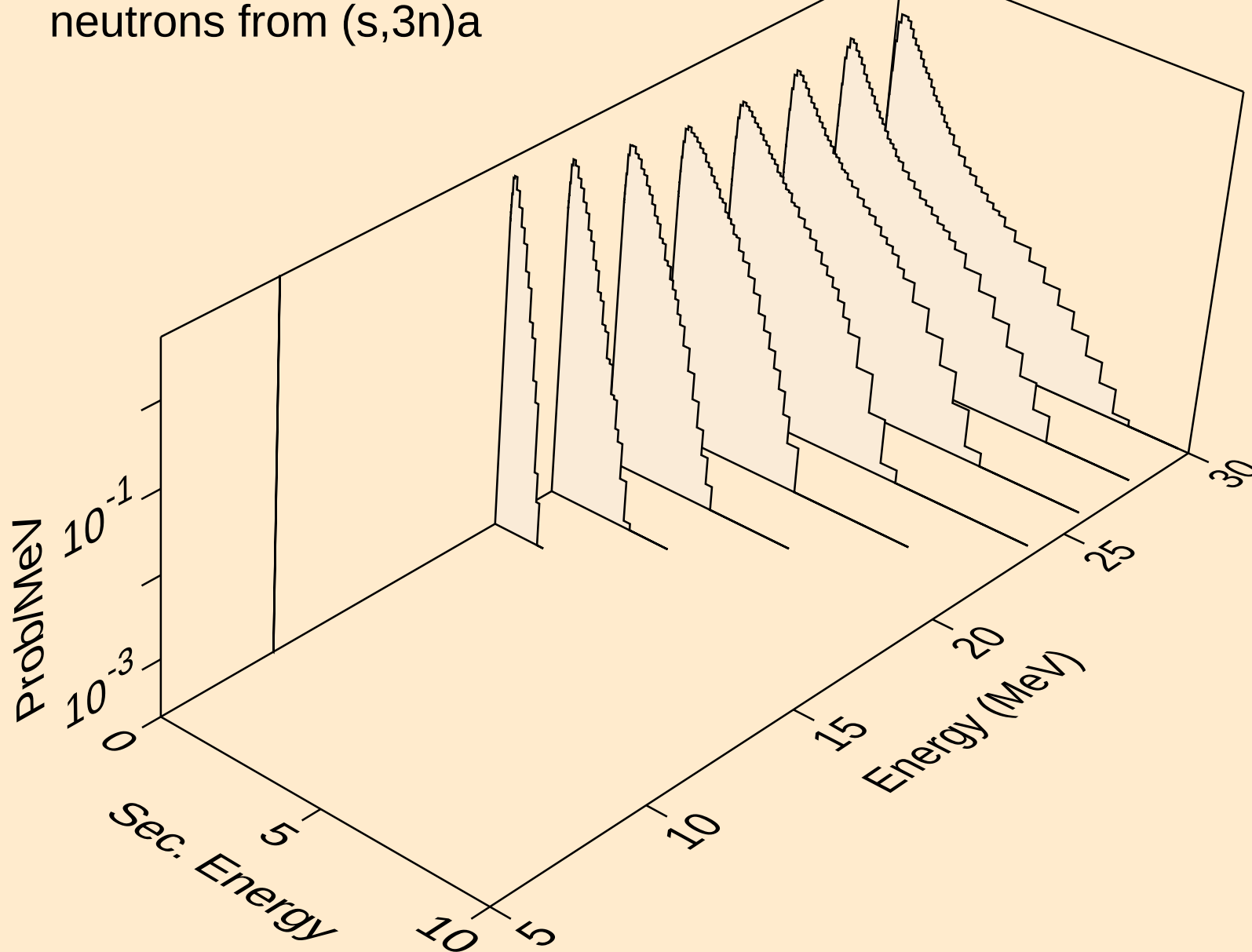


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a

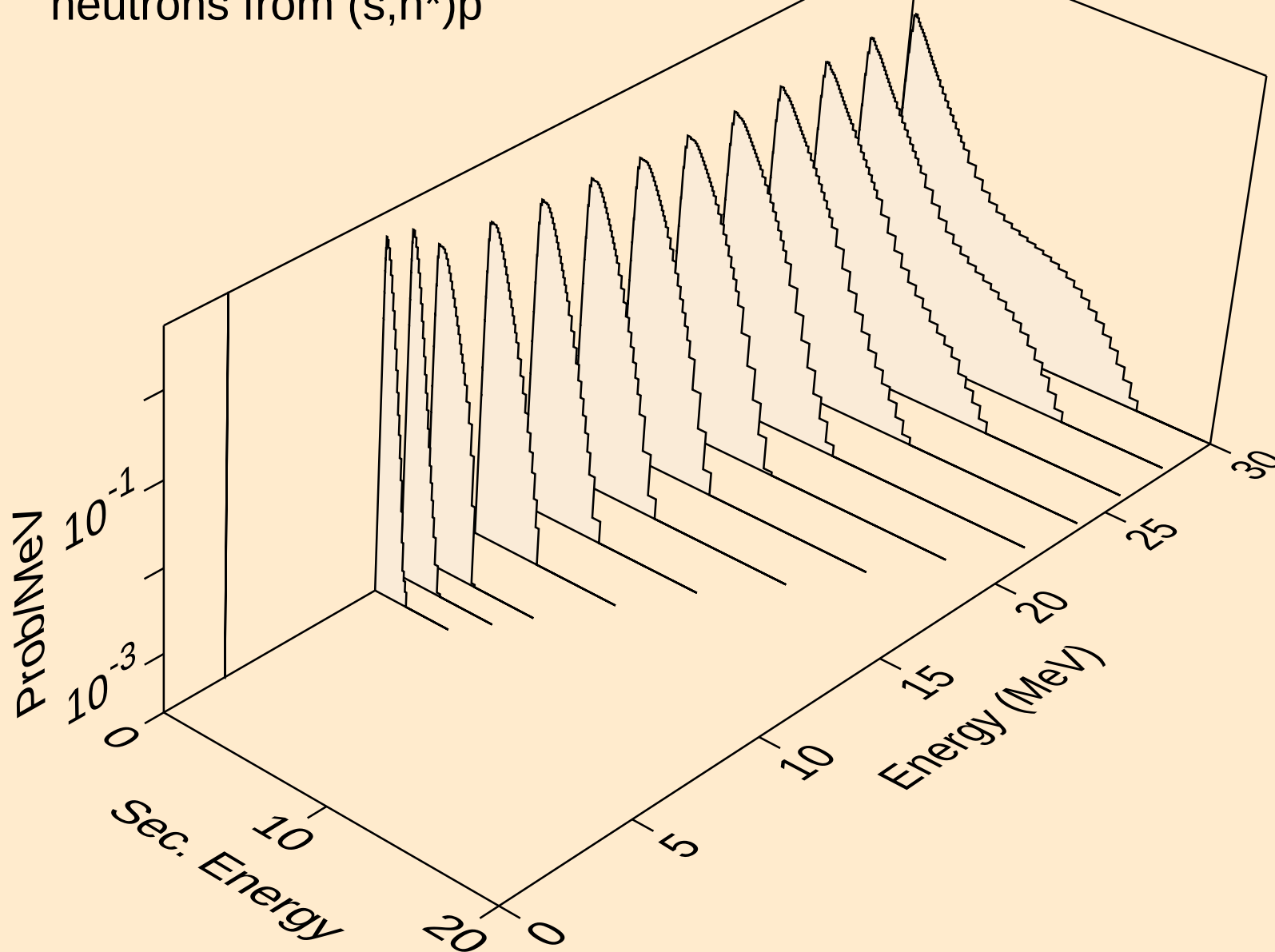




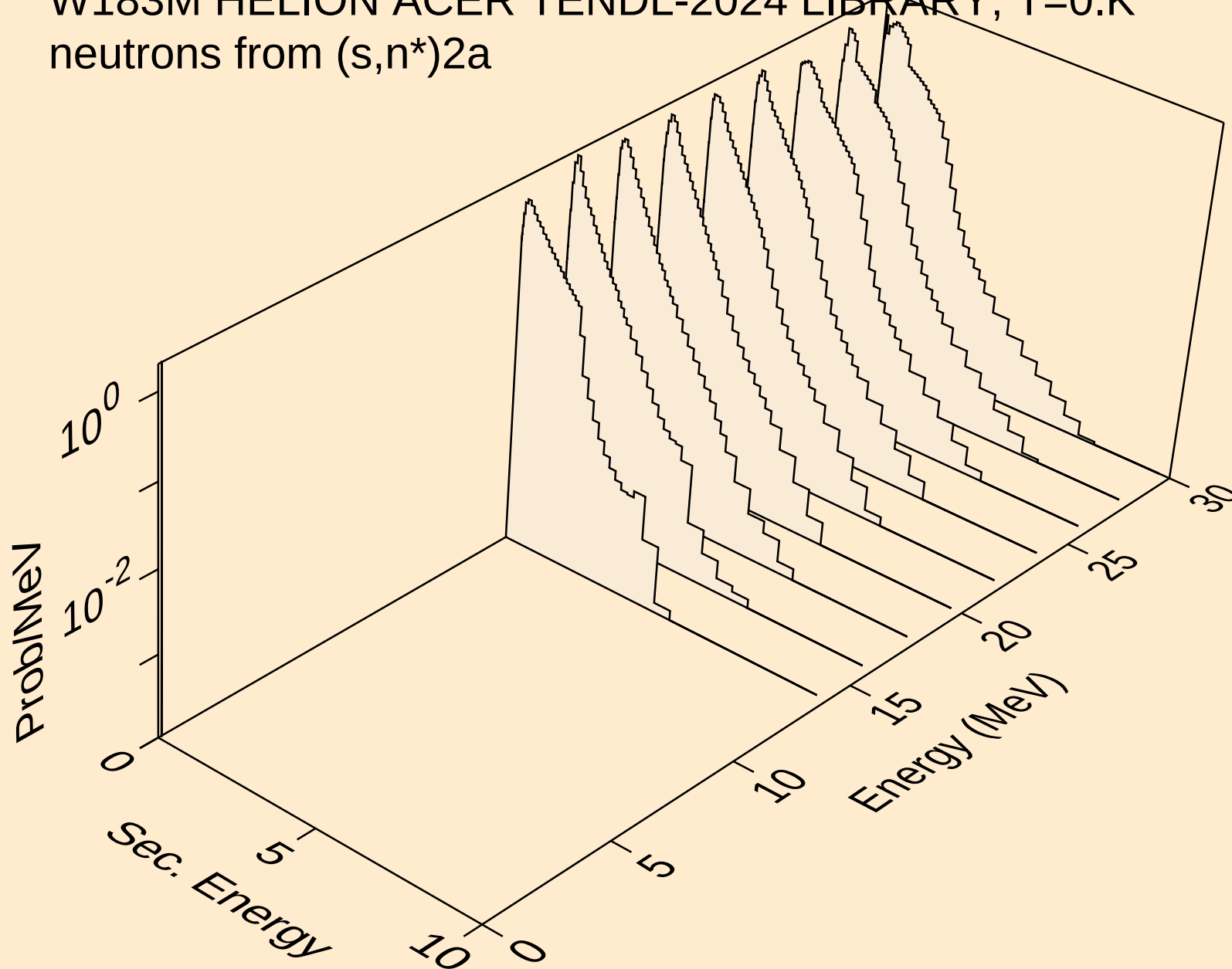
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neutrons from (s,3n)a



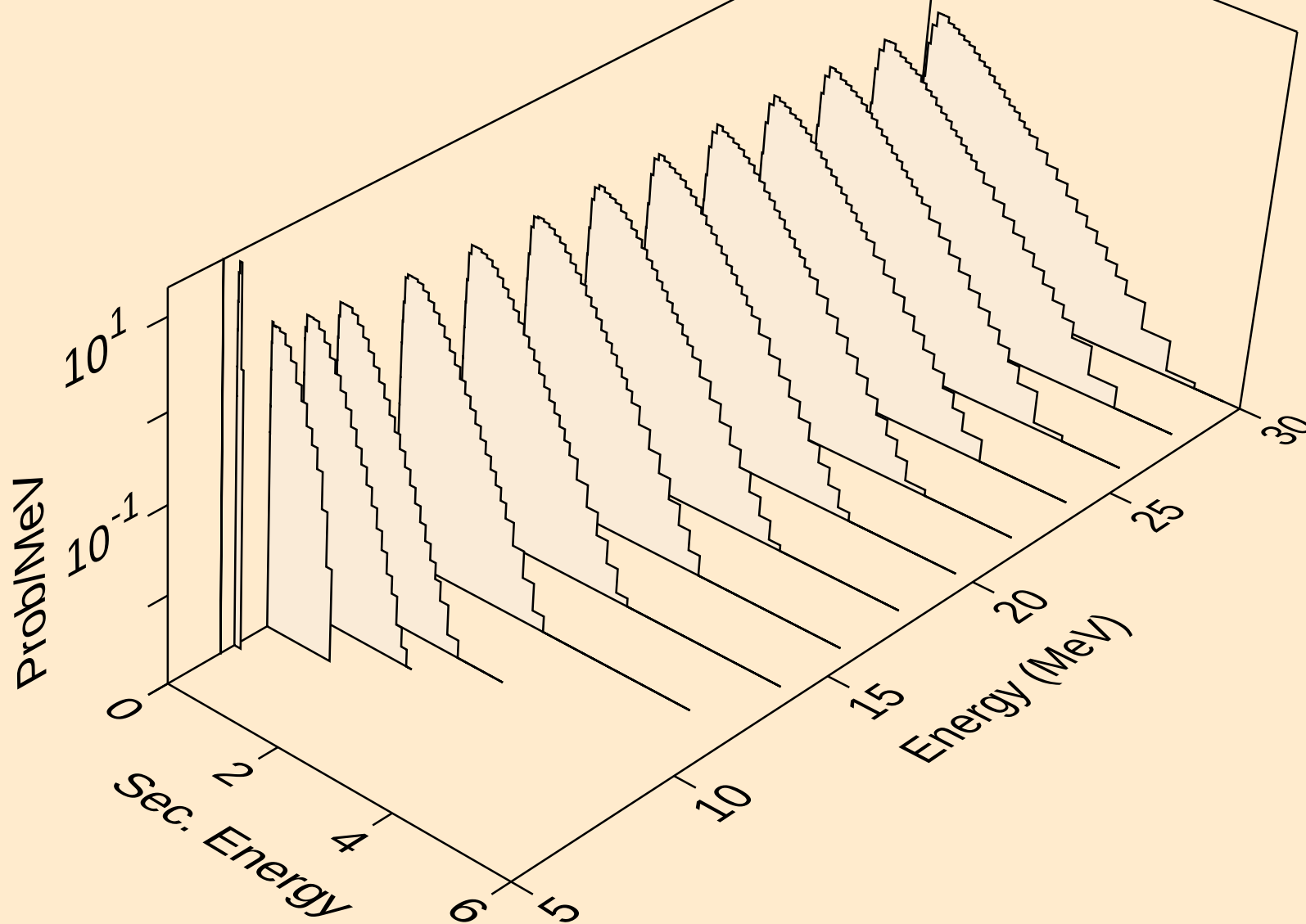
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



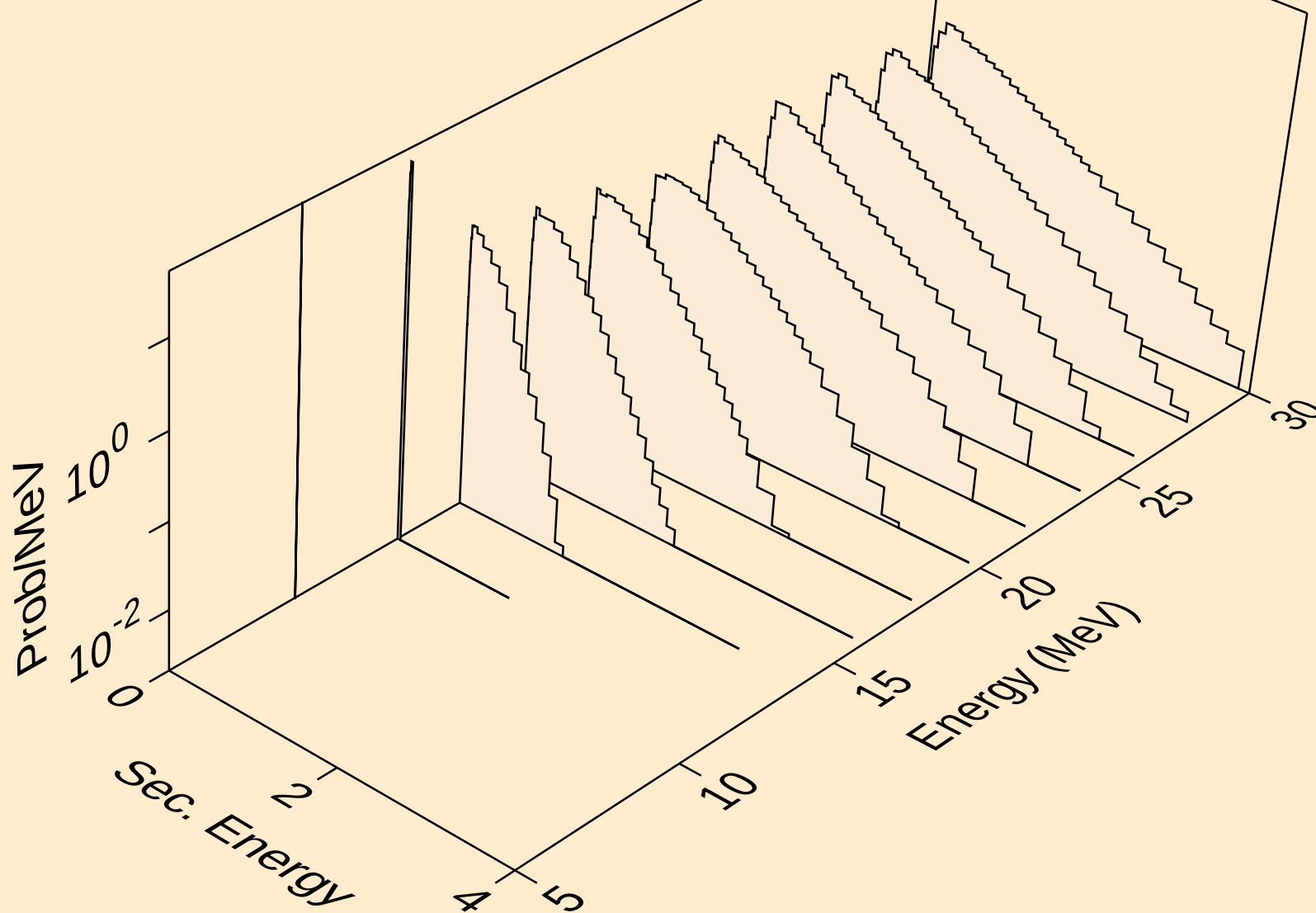
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neutrons from (s,n\*)2a



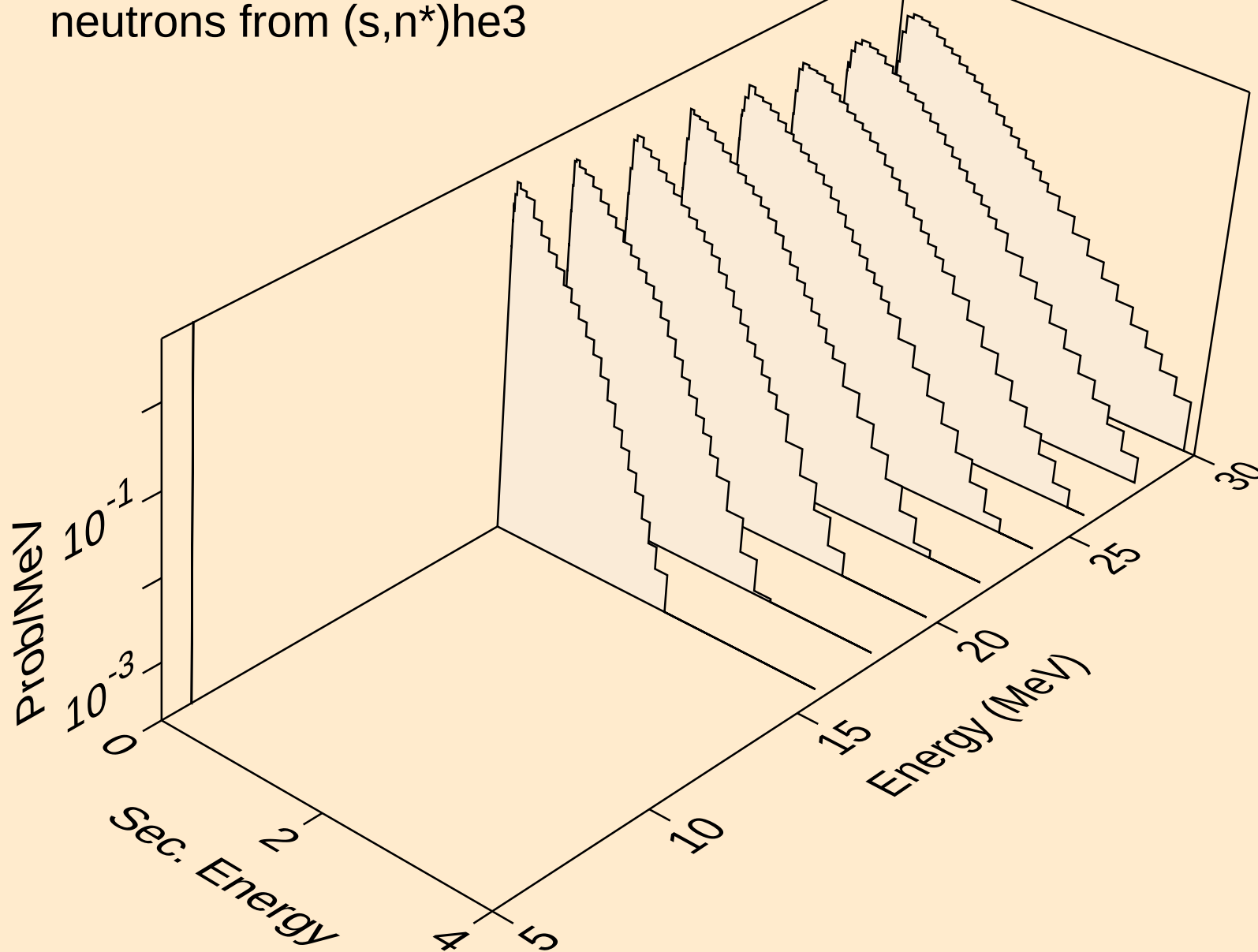
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



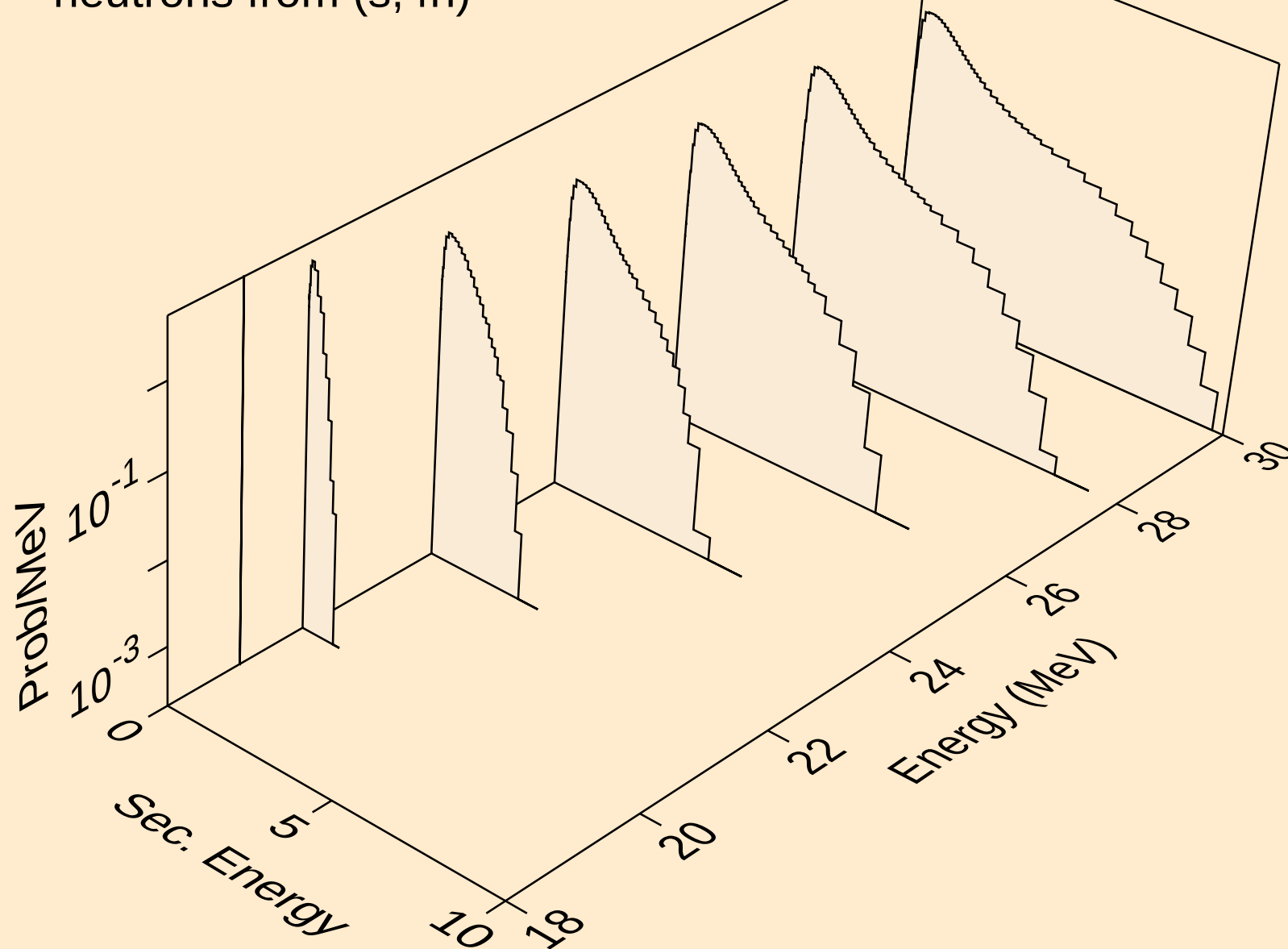
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



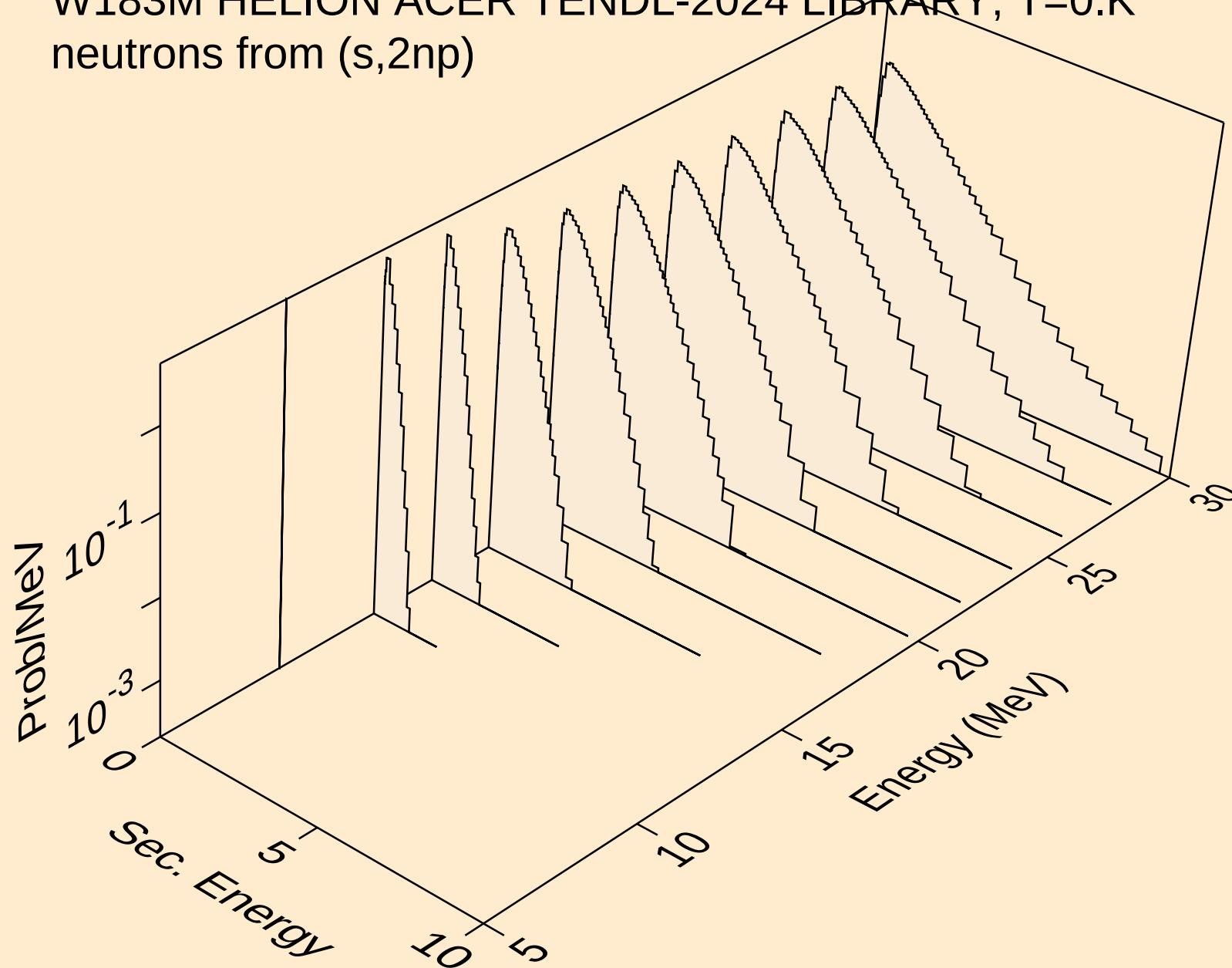
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)

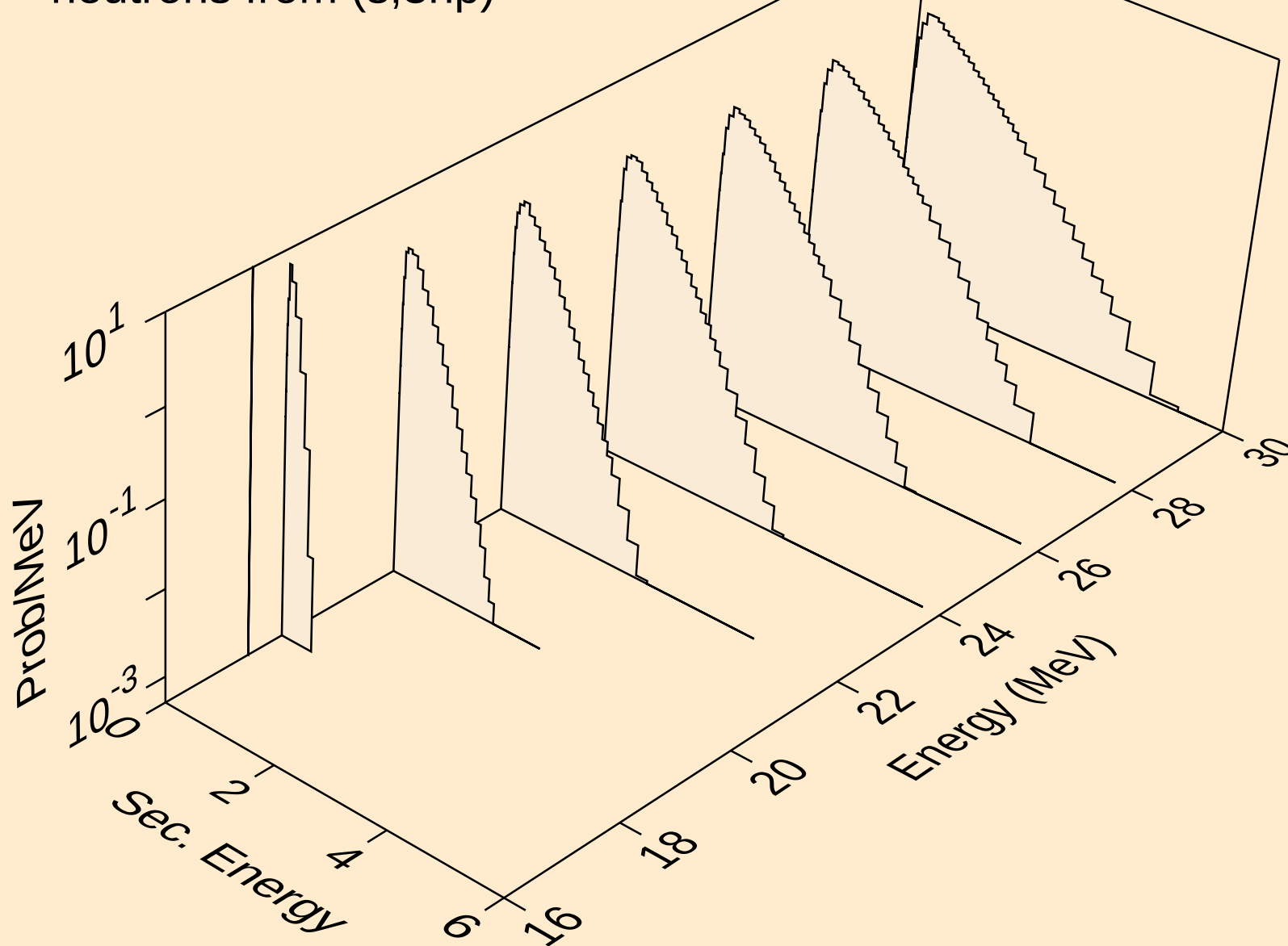


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neutrons from (s,2np)

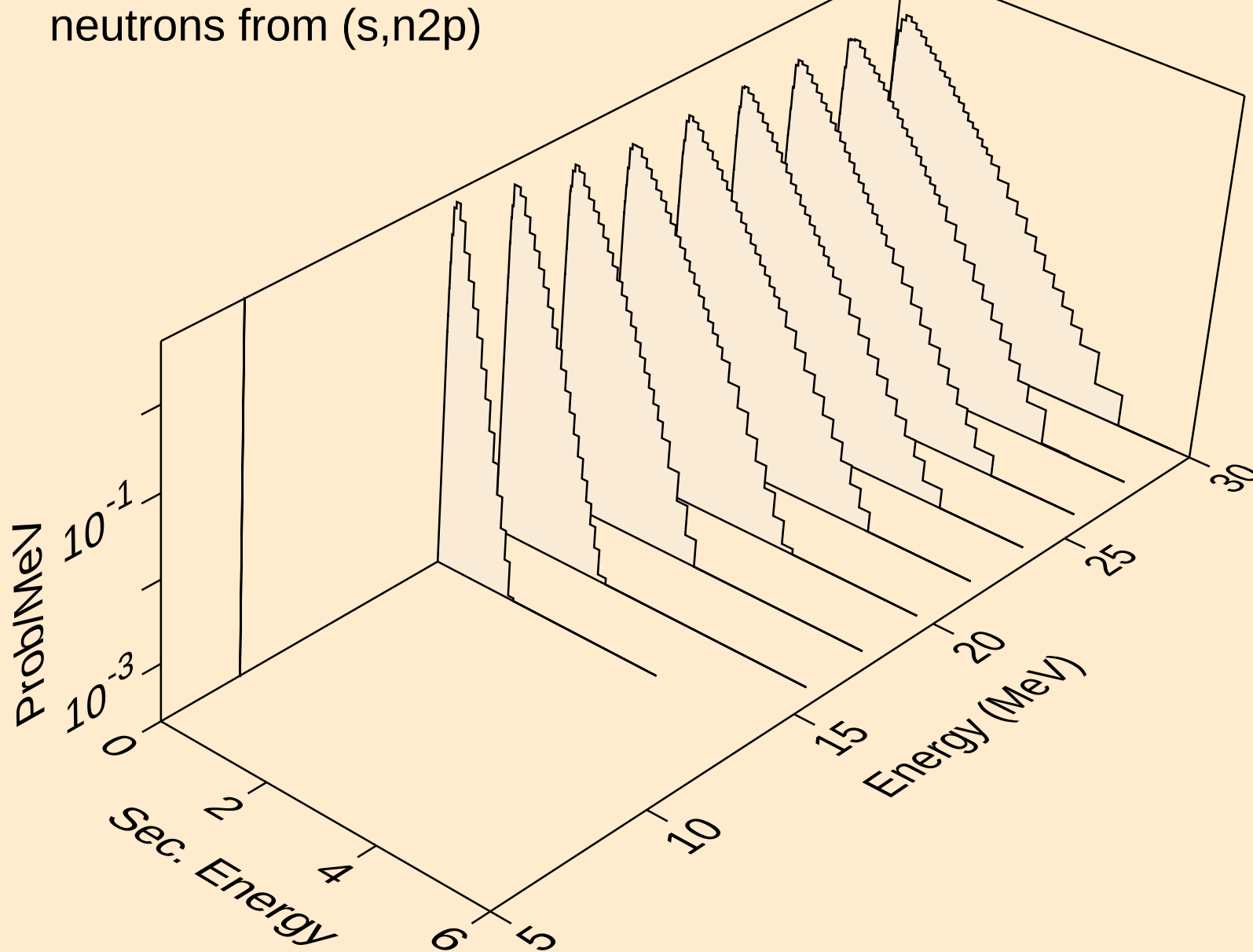




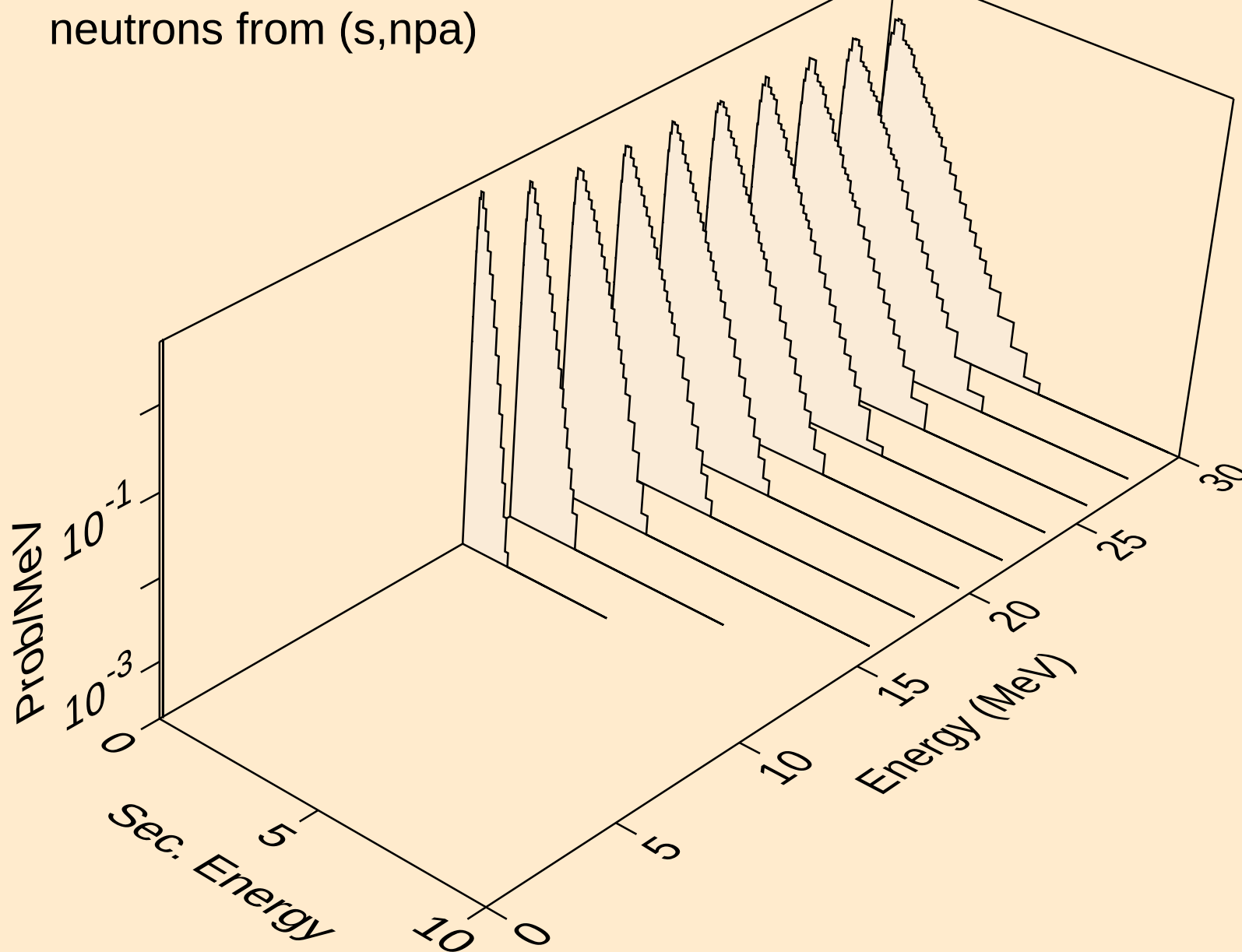
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



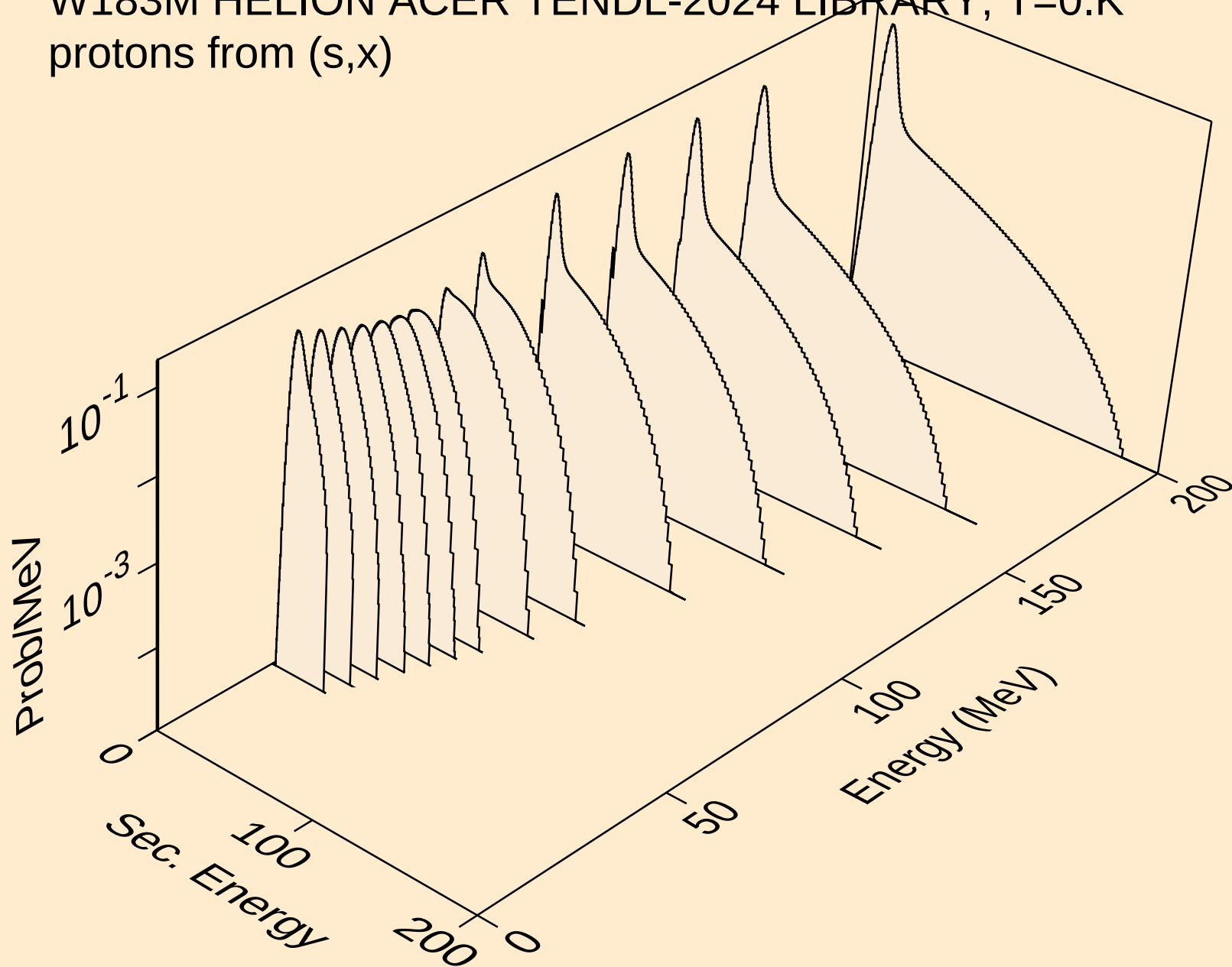
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neutrons from (s,n2p)



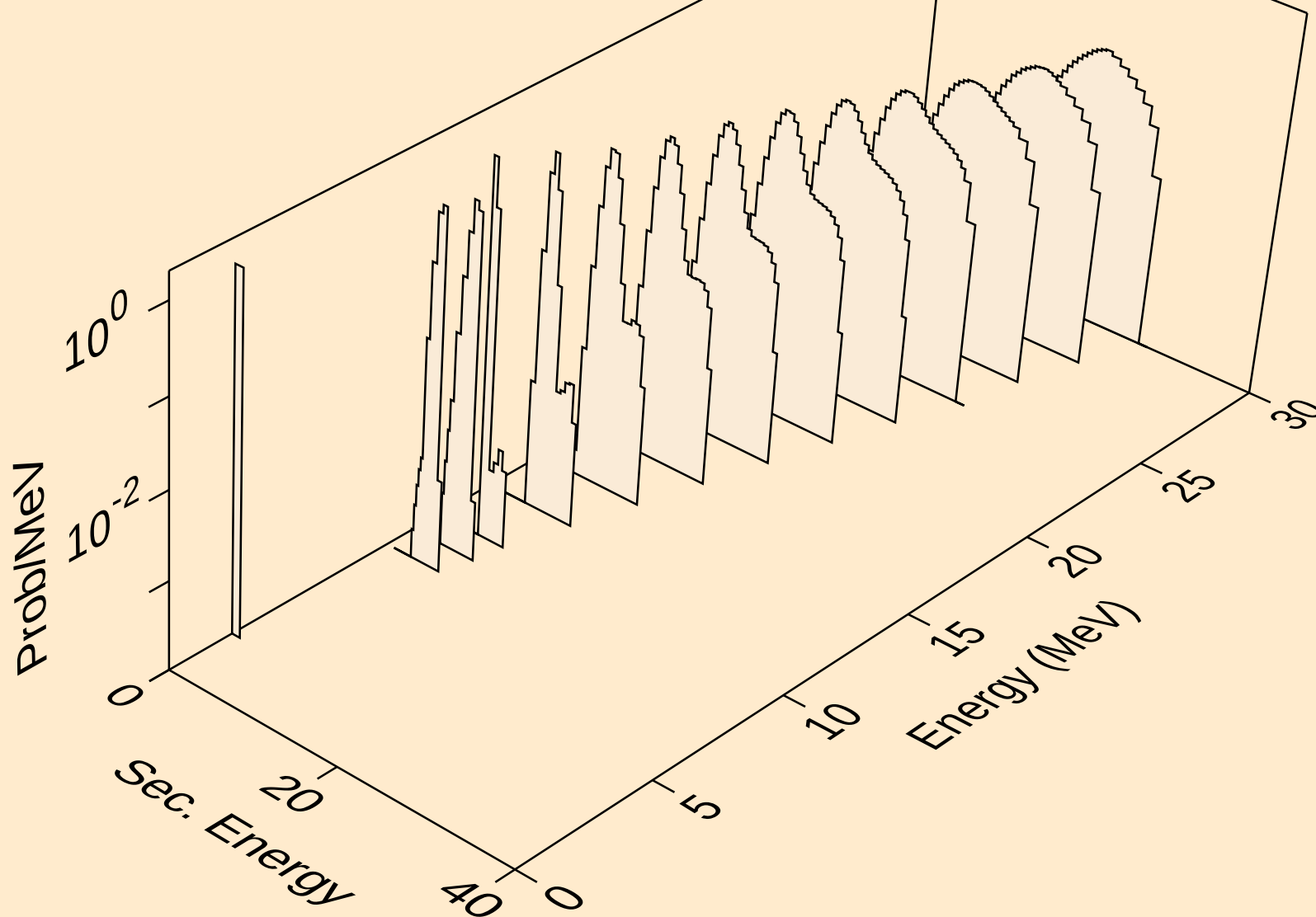
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neutrons from (s,npa)



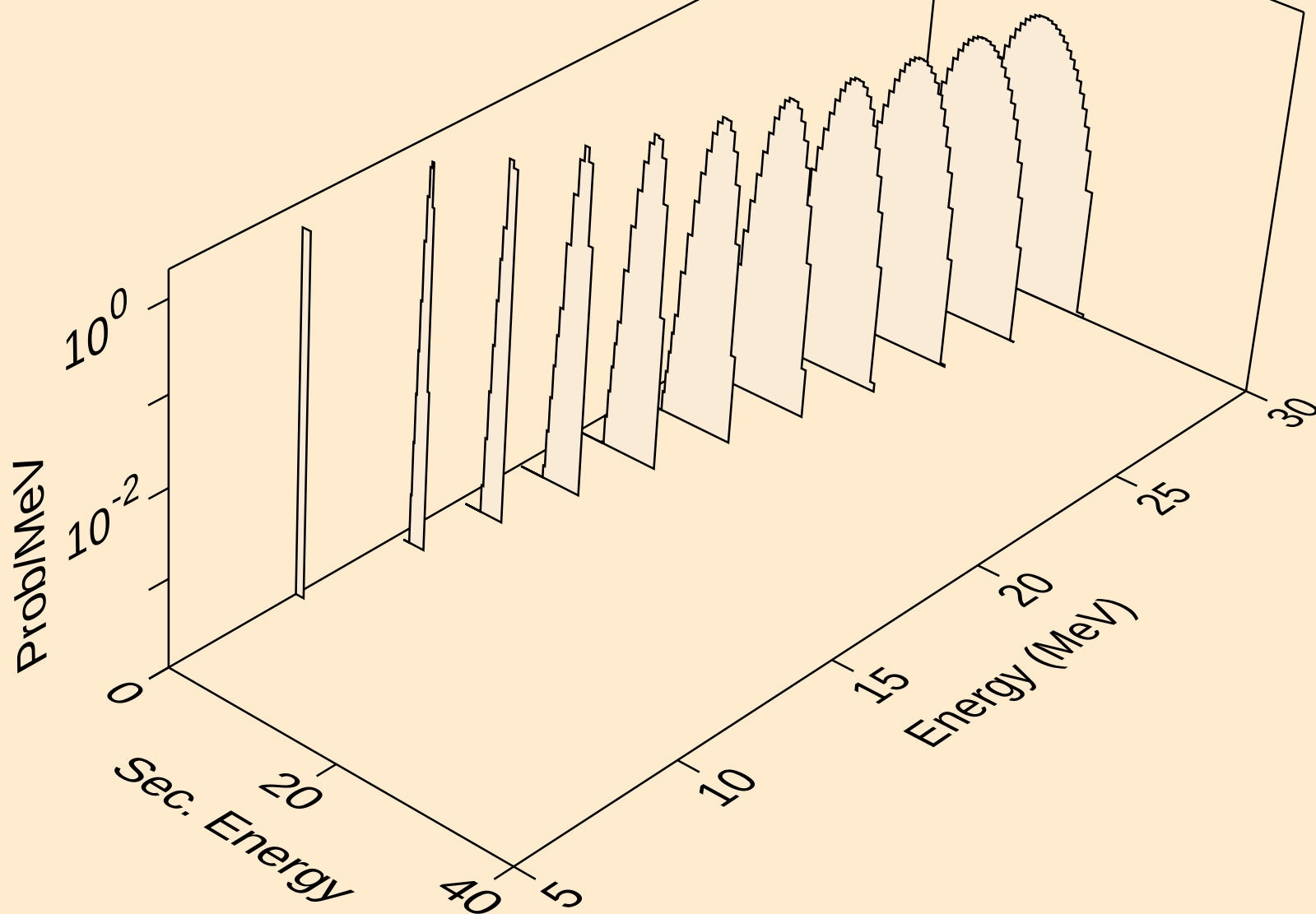
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



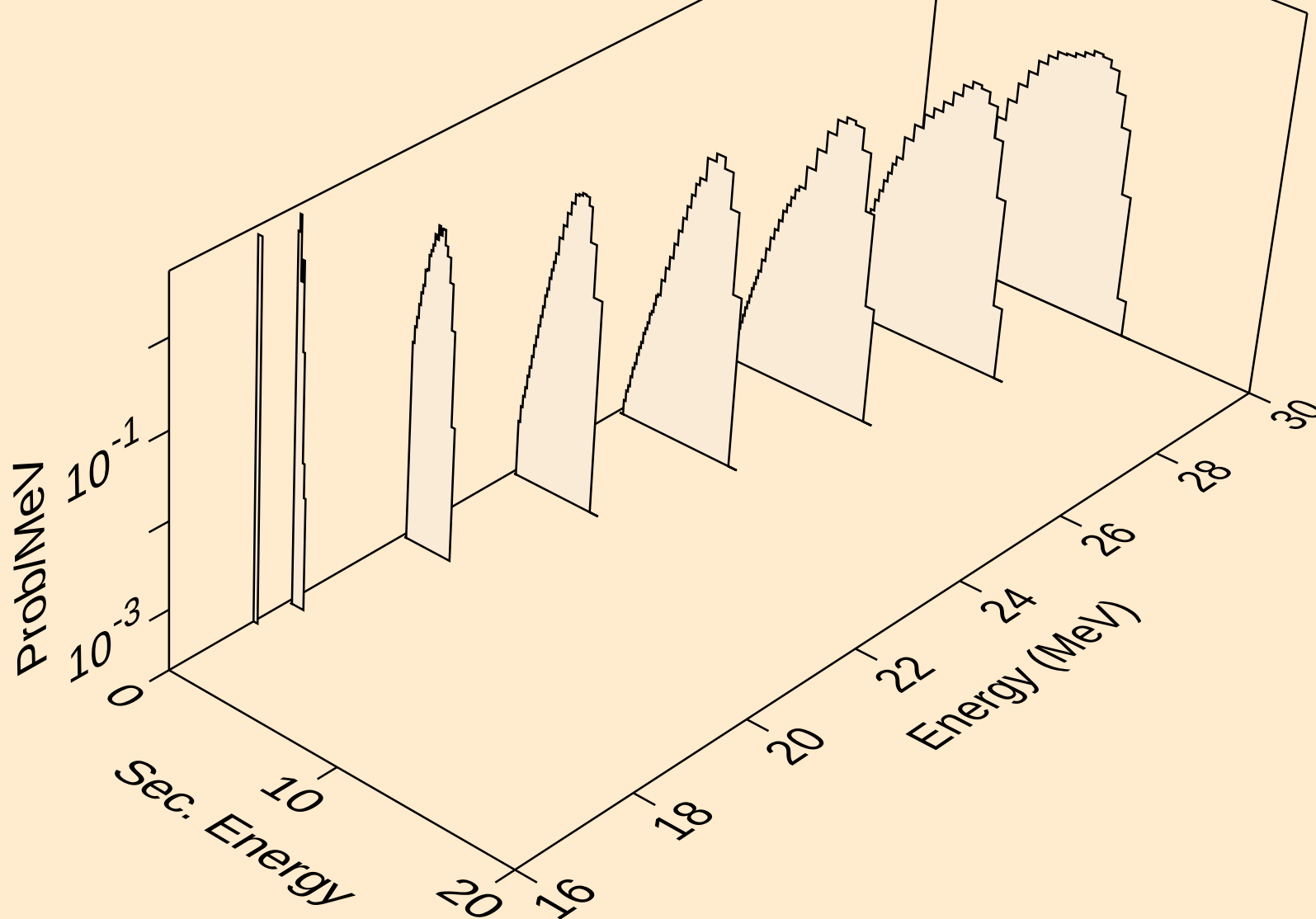
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protons from (s,n\*)p



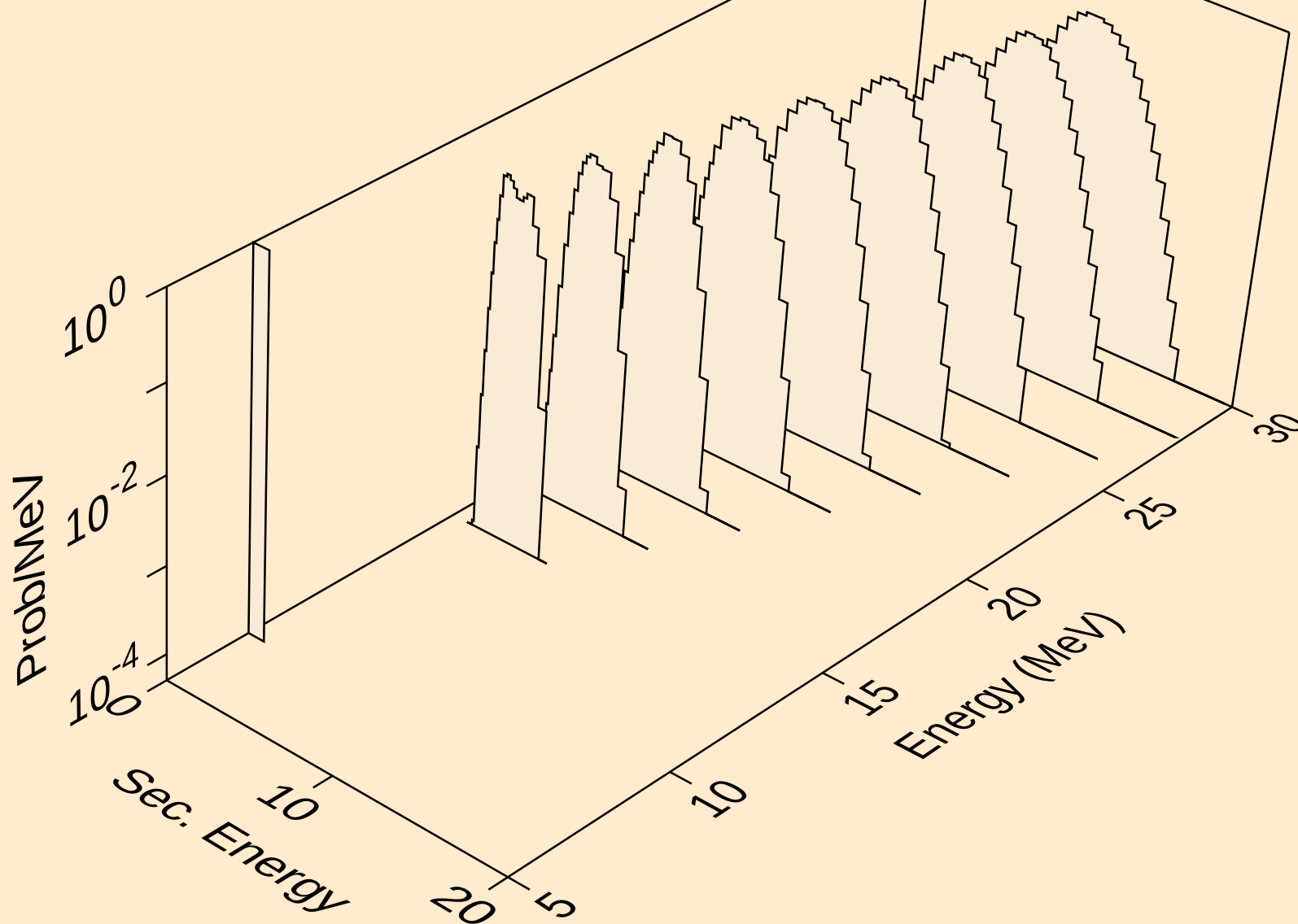
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protons from (s,2np)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)

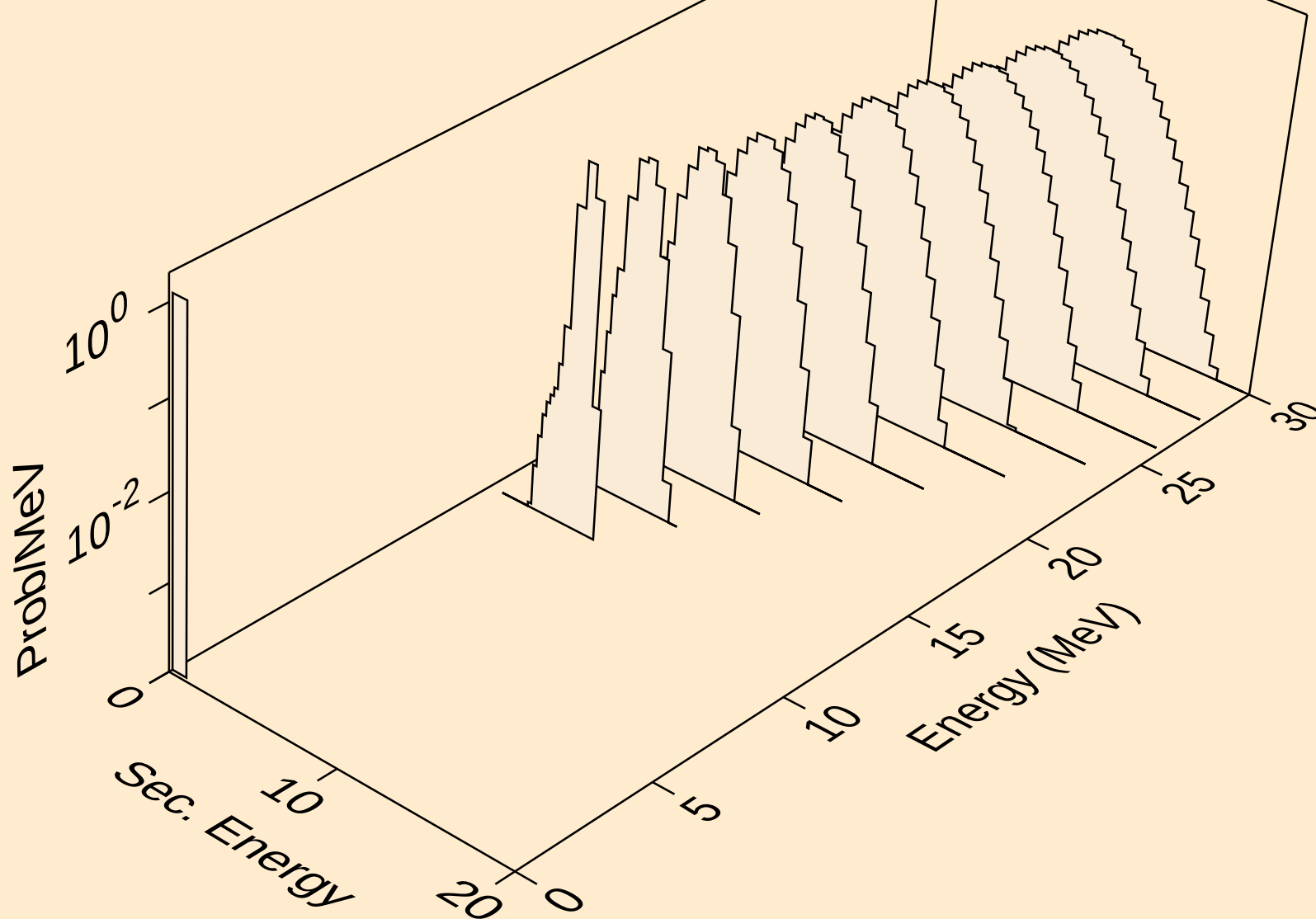


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protons from (s,n2p)

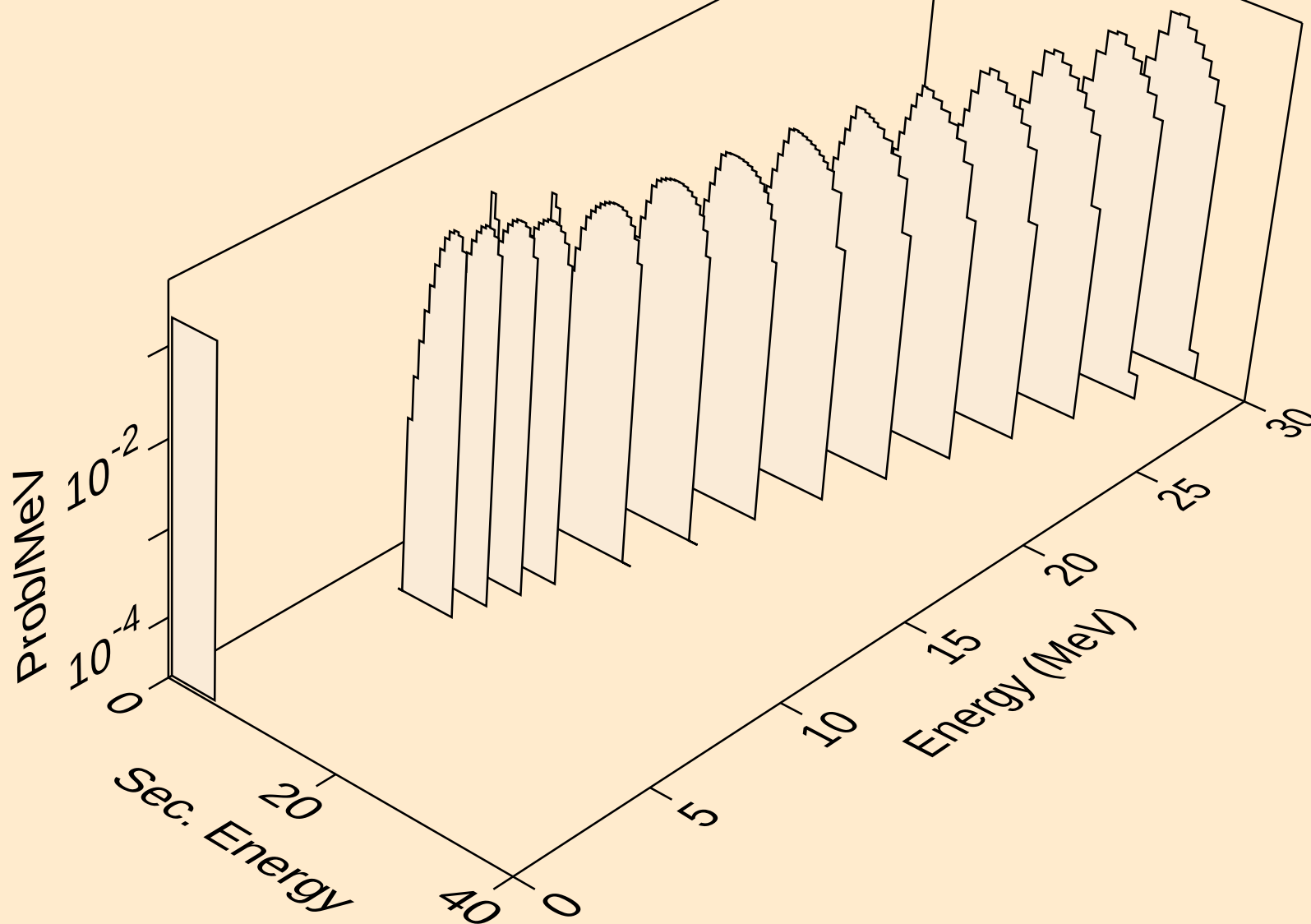




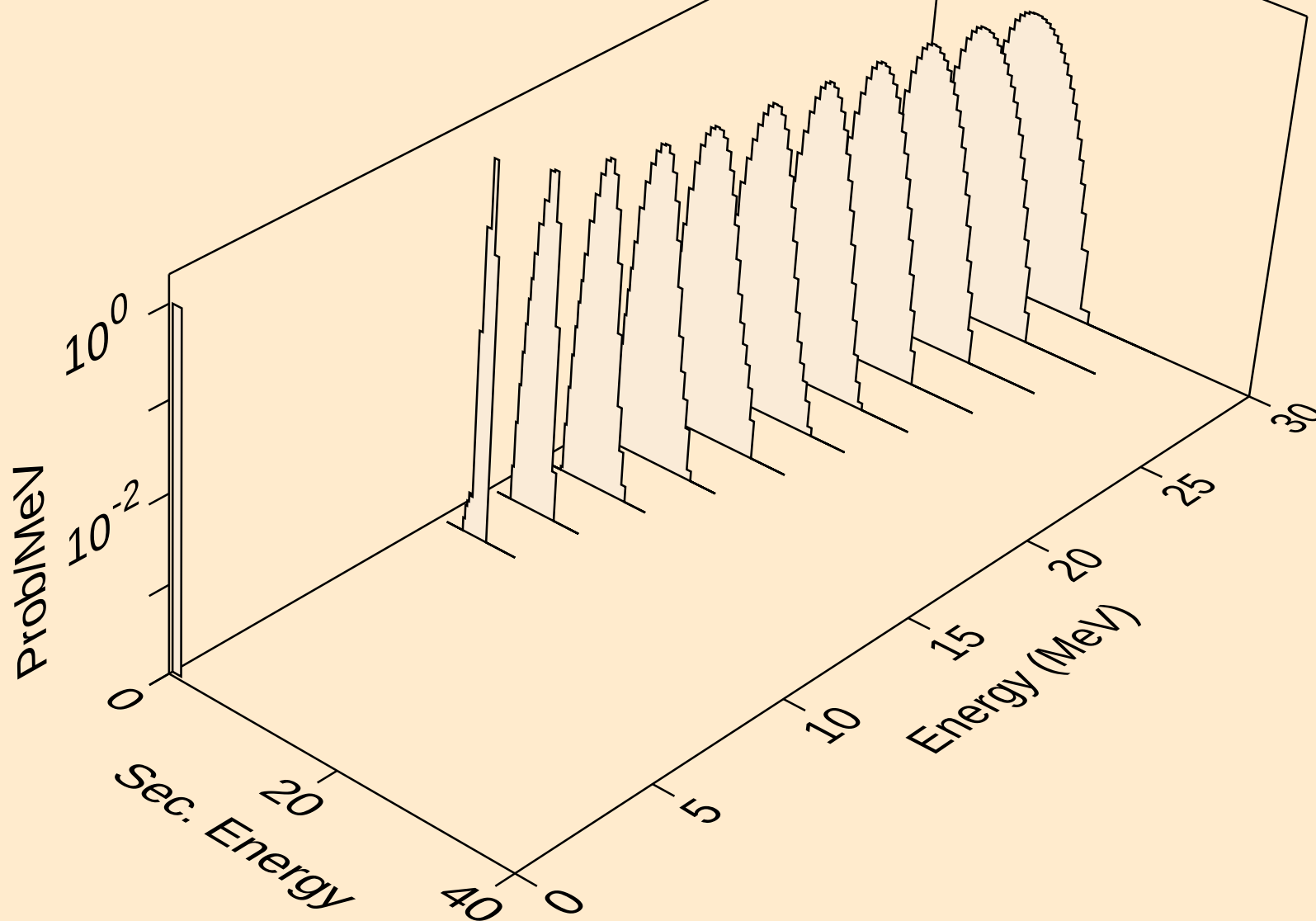
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protons from (s,npa)



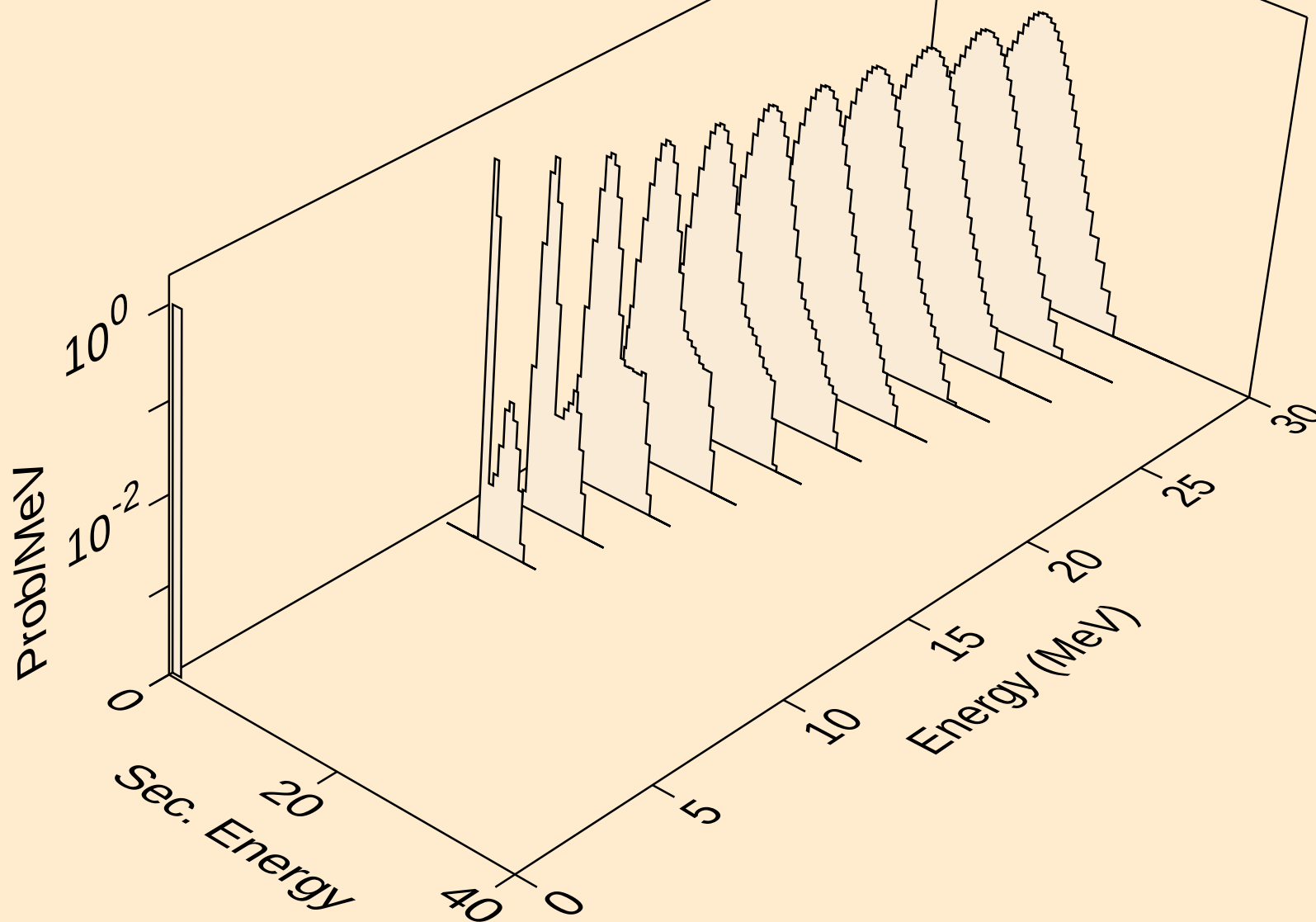
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protons from (s,p)



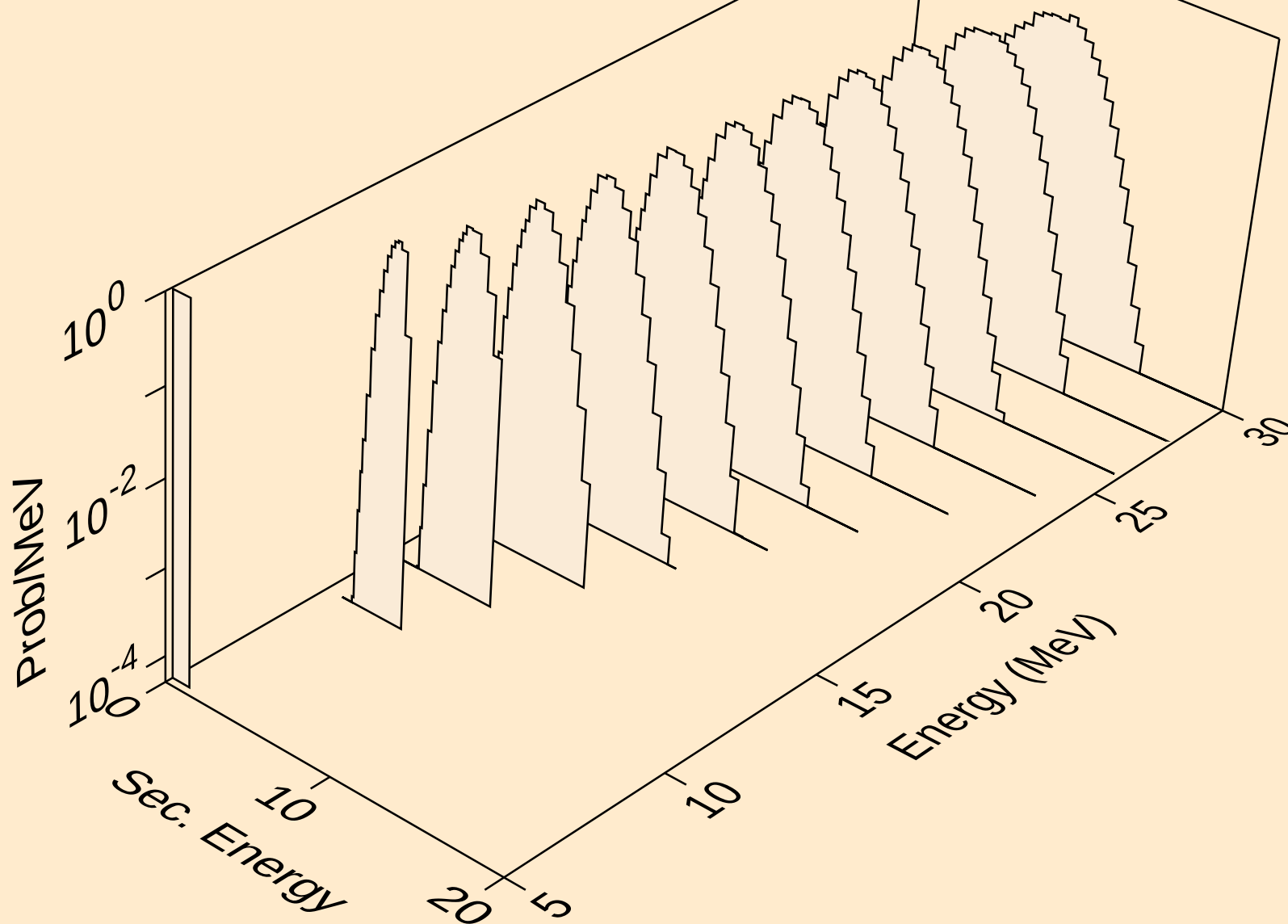
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protons from (s,2p)



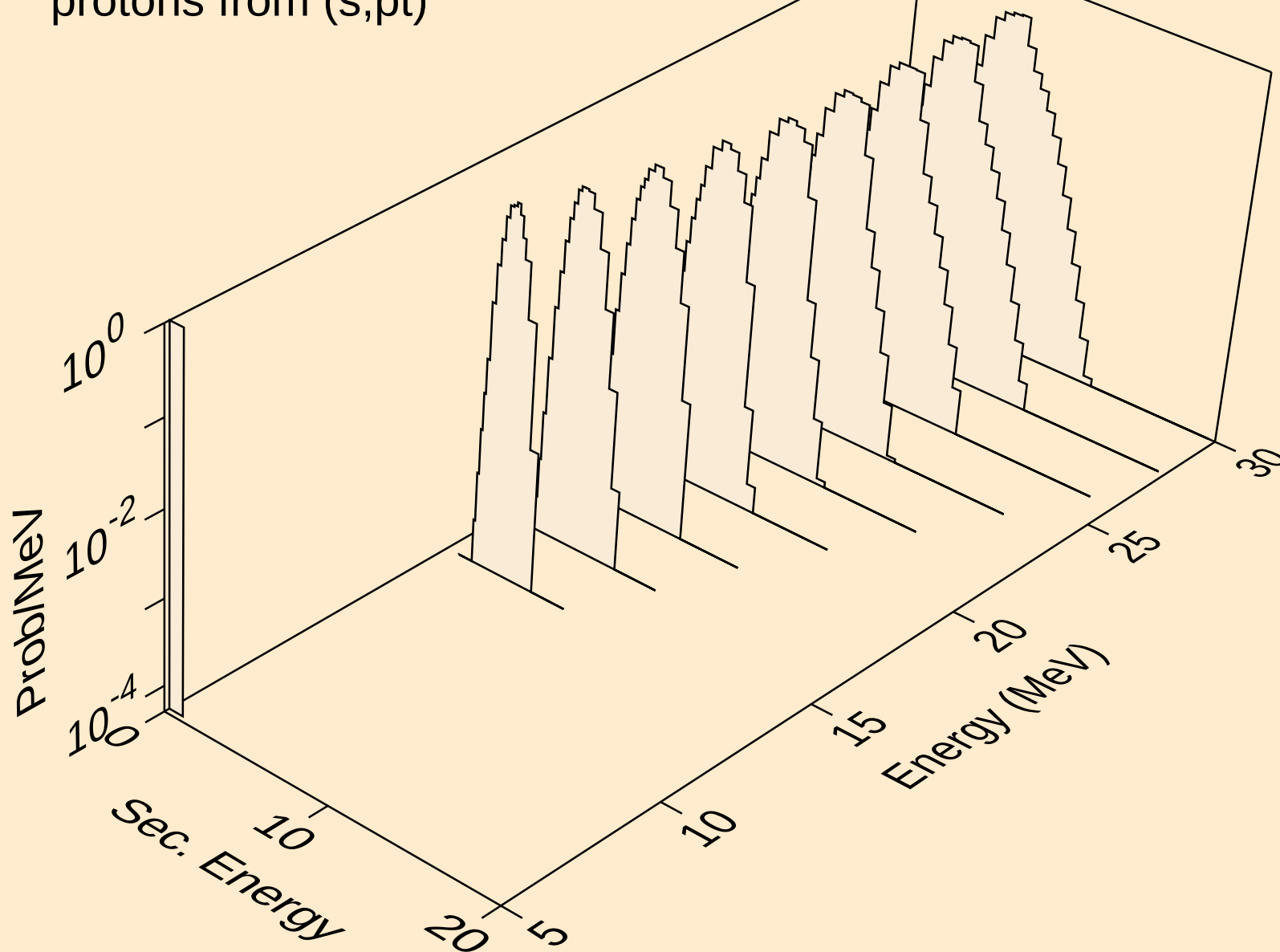
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protons from (s,pa)



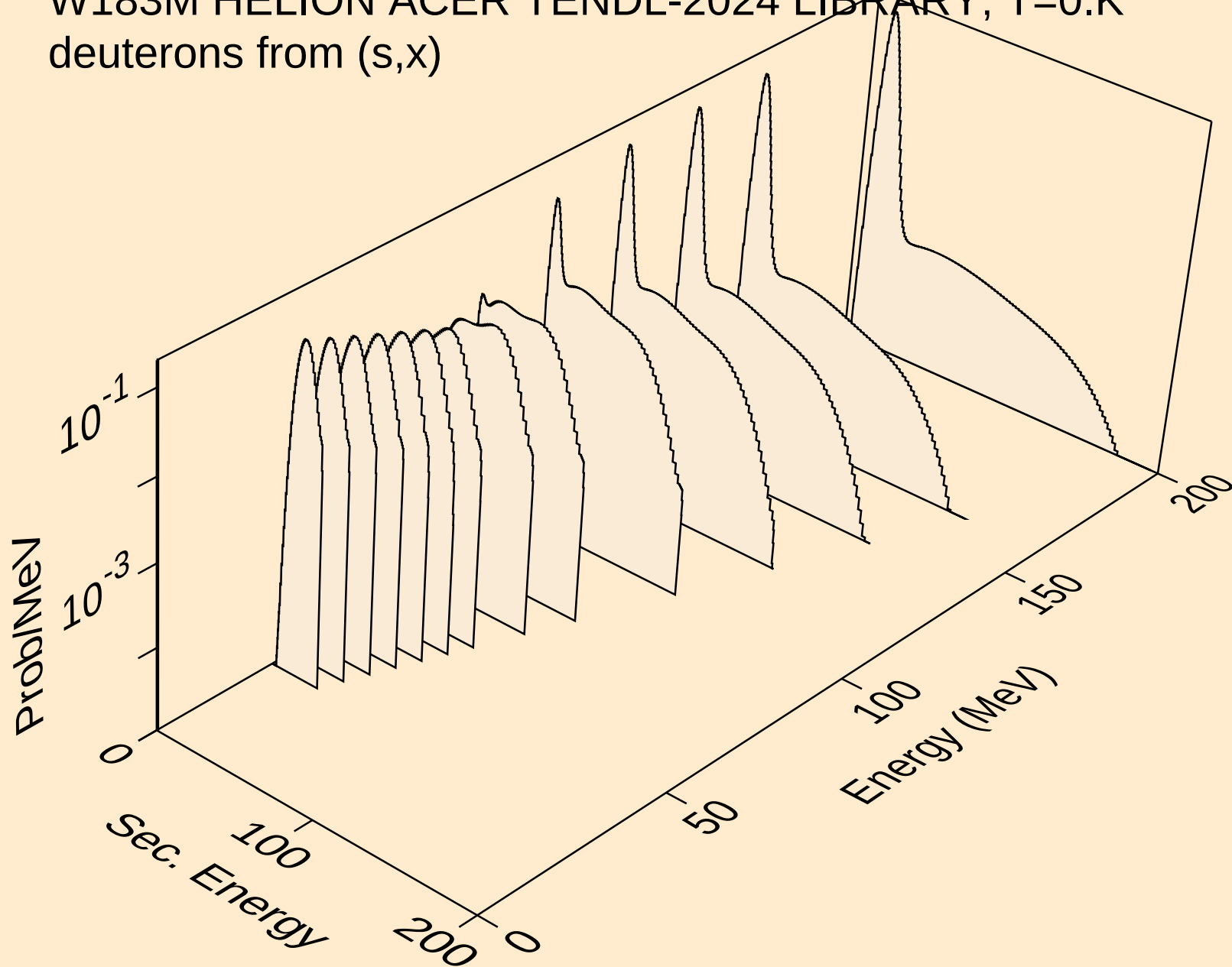
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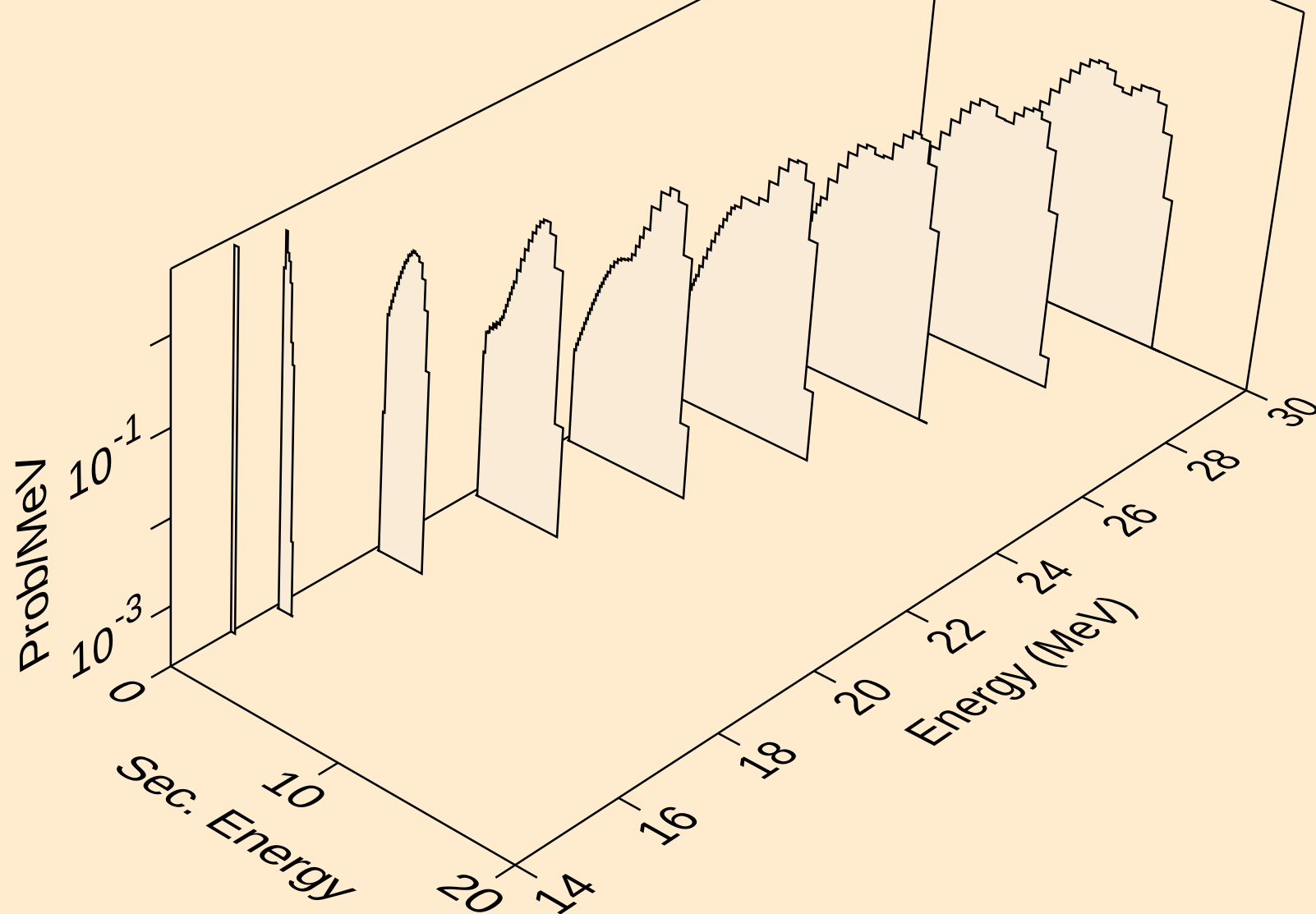
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protons from (s,pt)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)

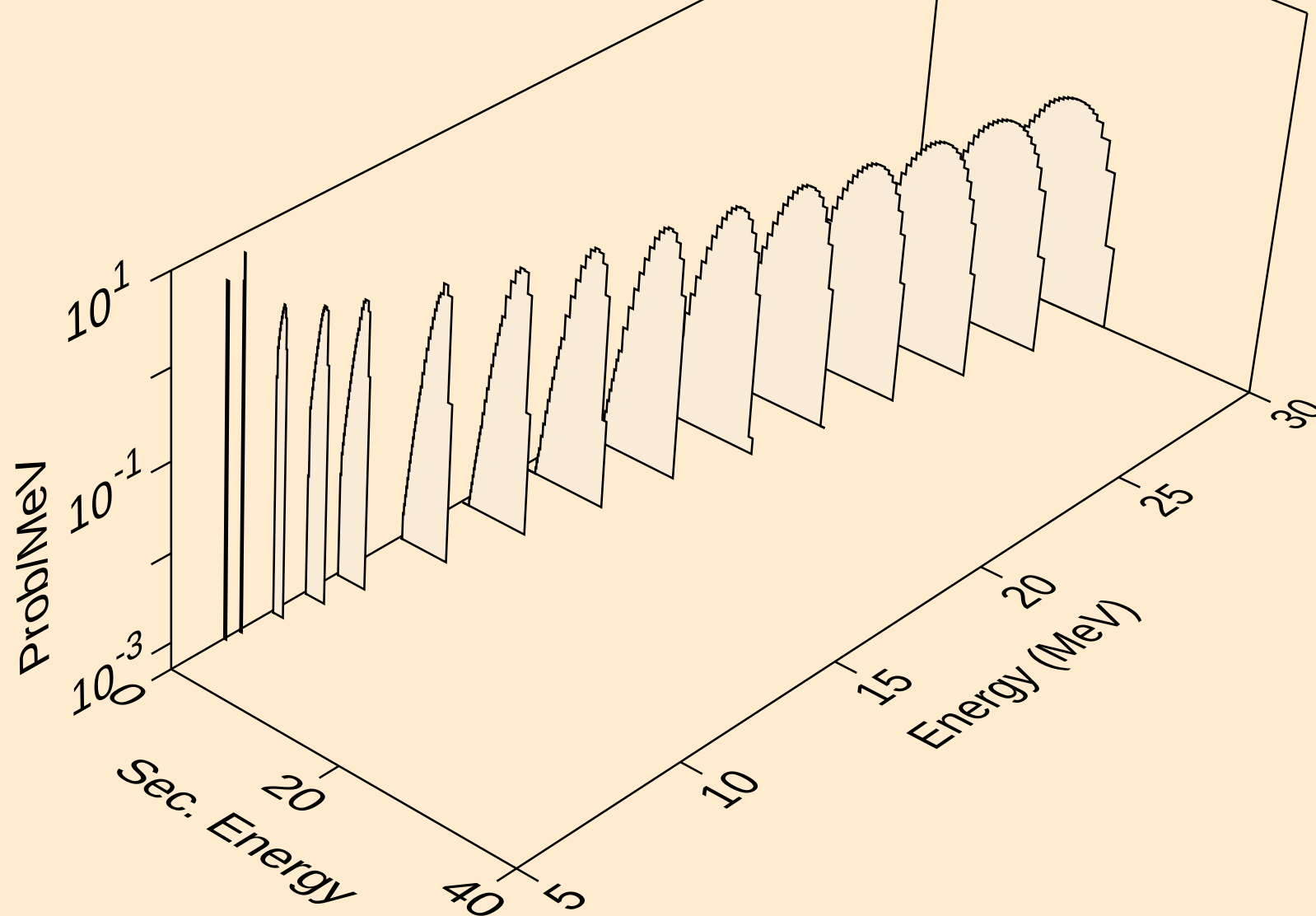


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deuterons from (s,2nd)

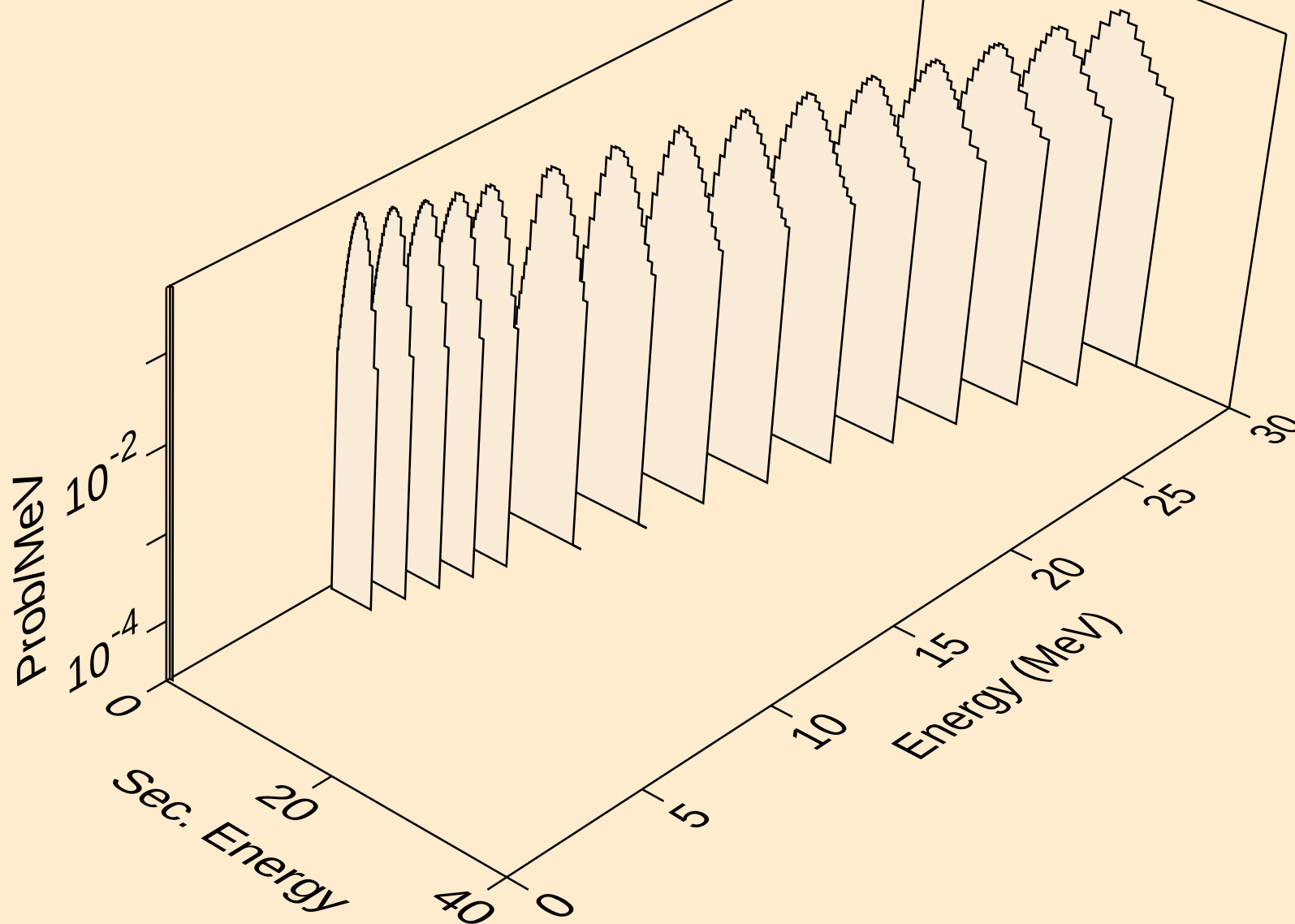




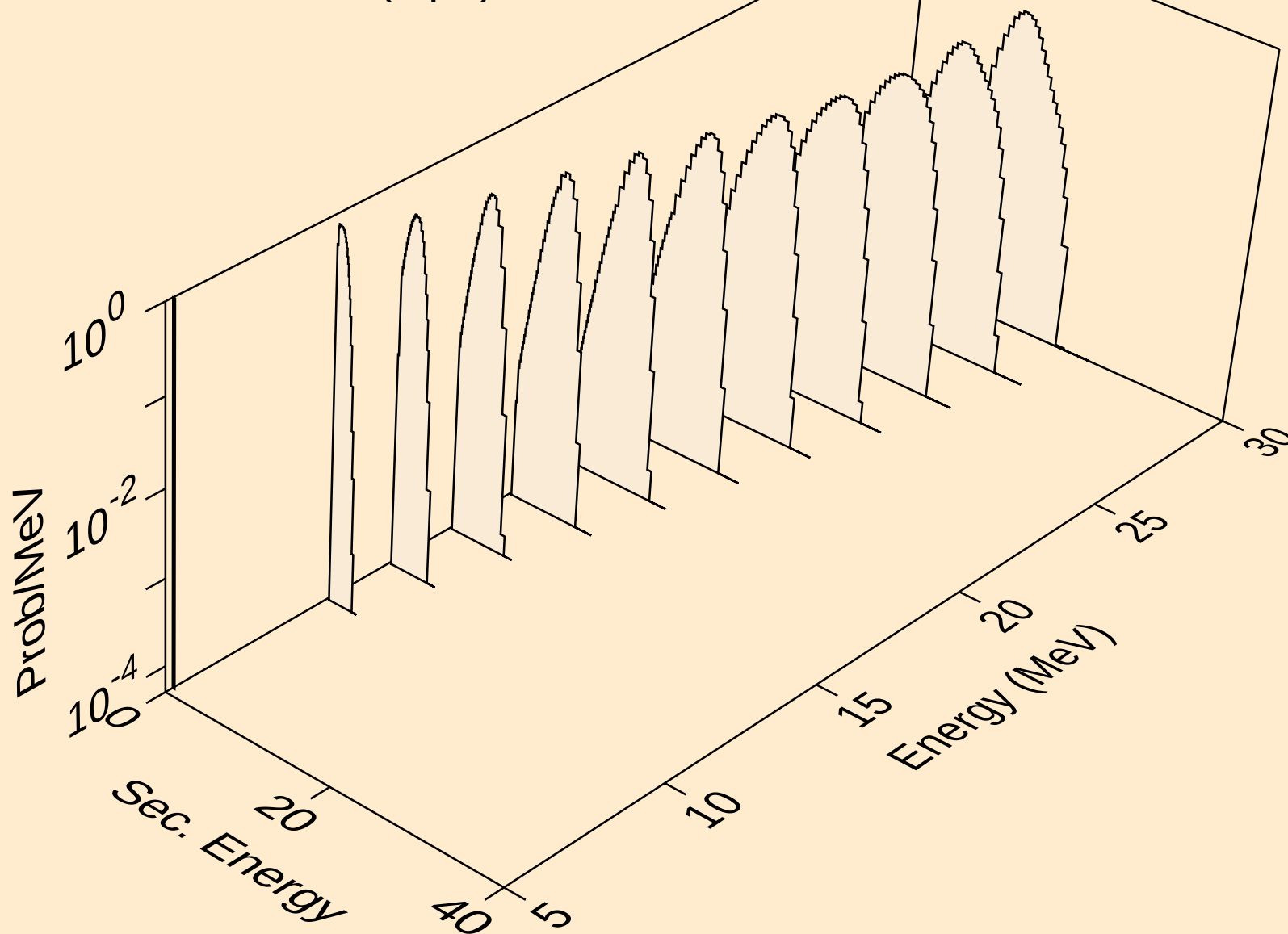
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deuterons from (s,n\*)d



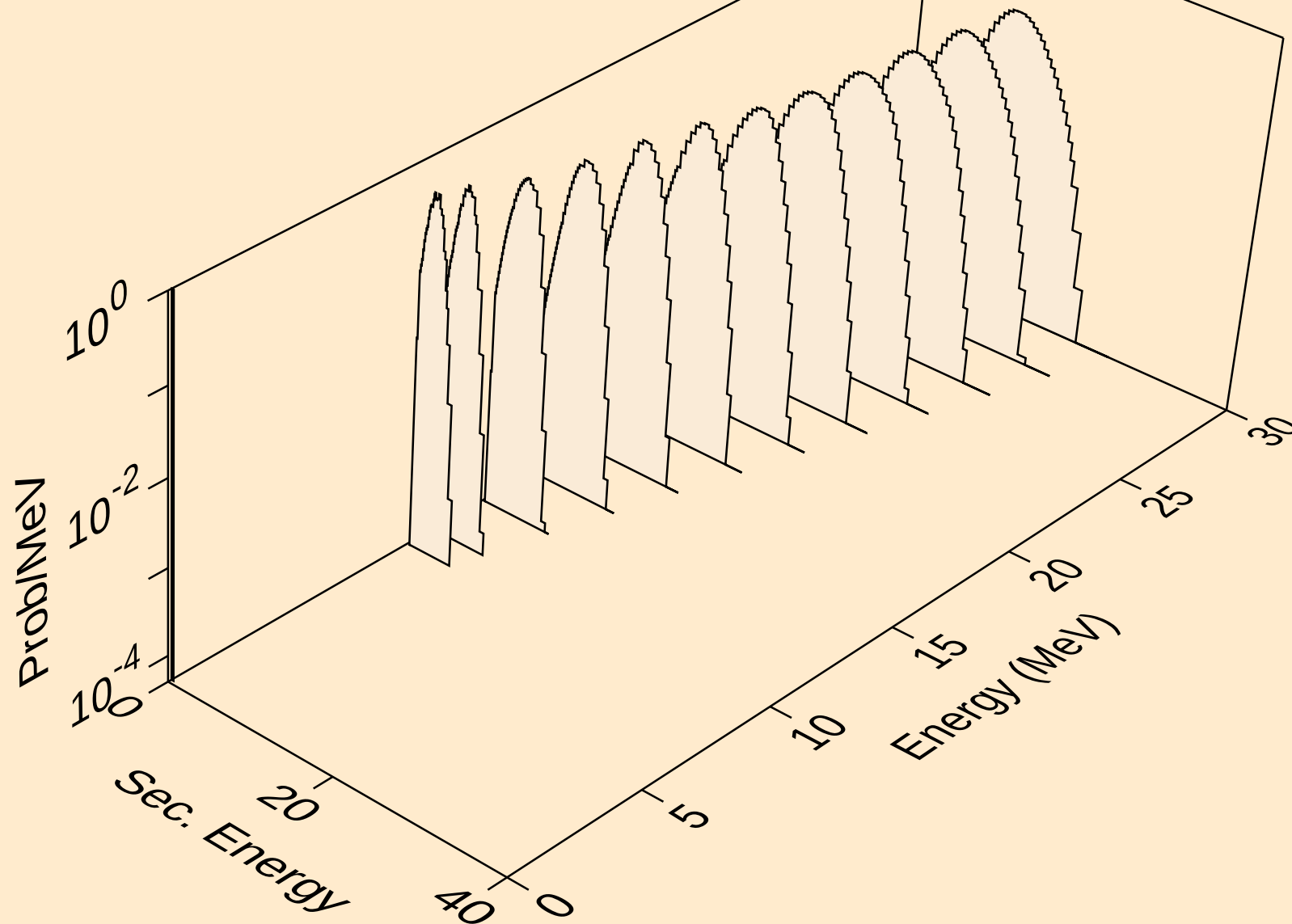
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deuterons from (s,d)



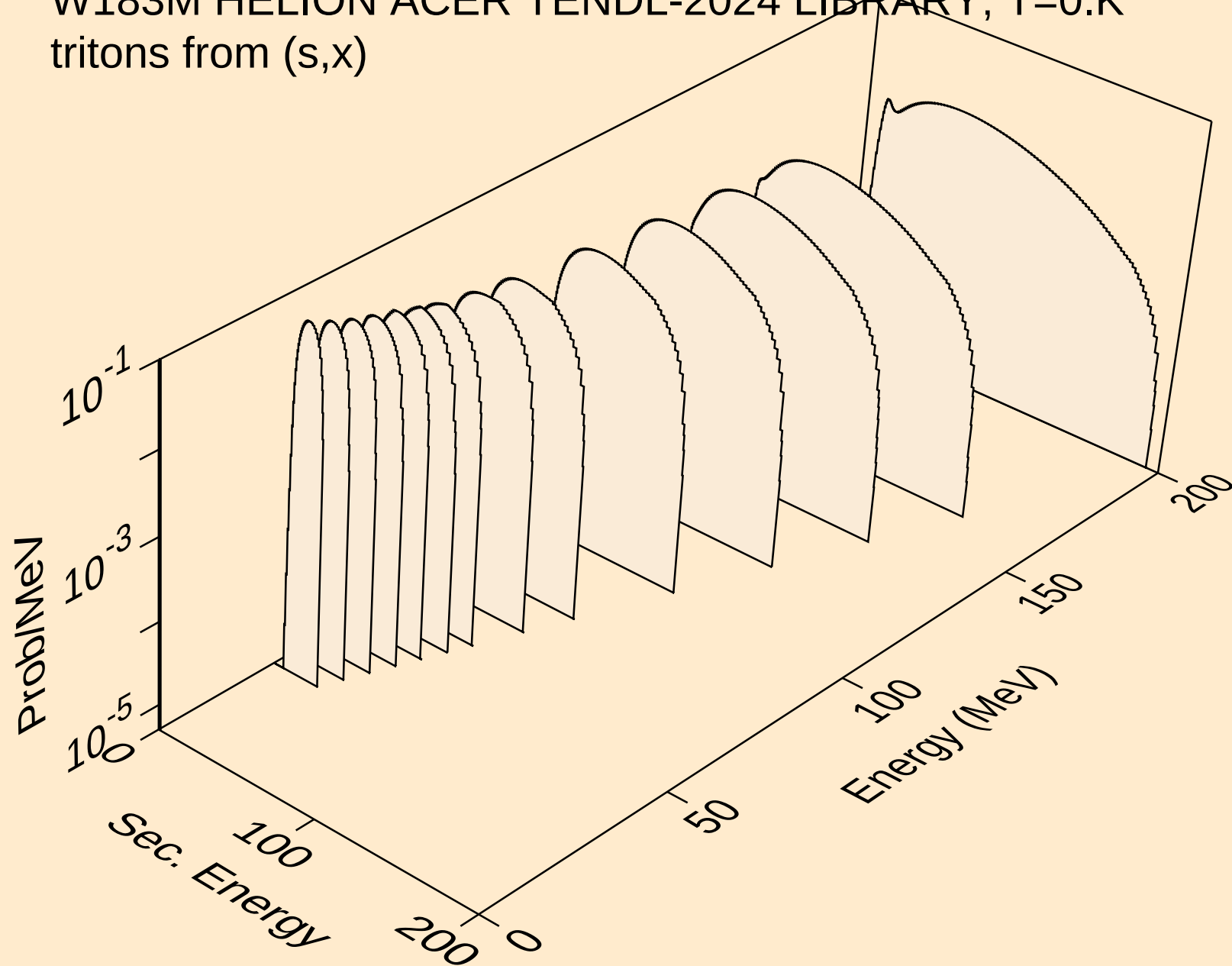
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deuterons from (s,pd)



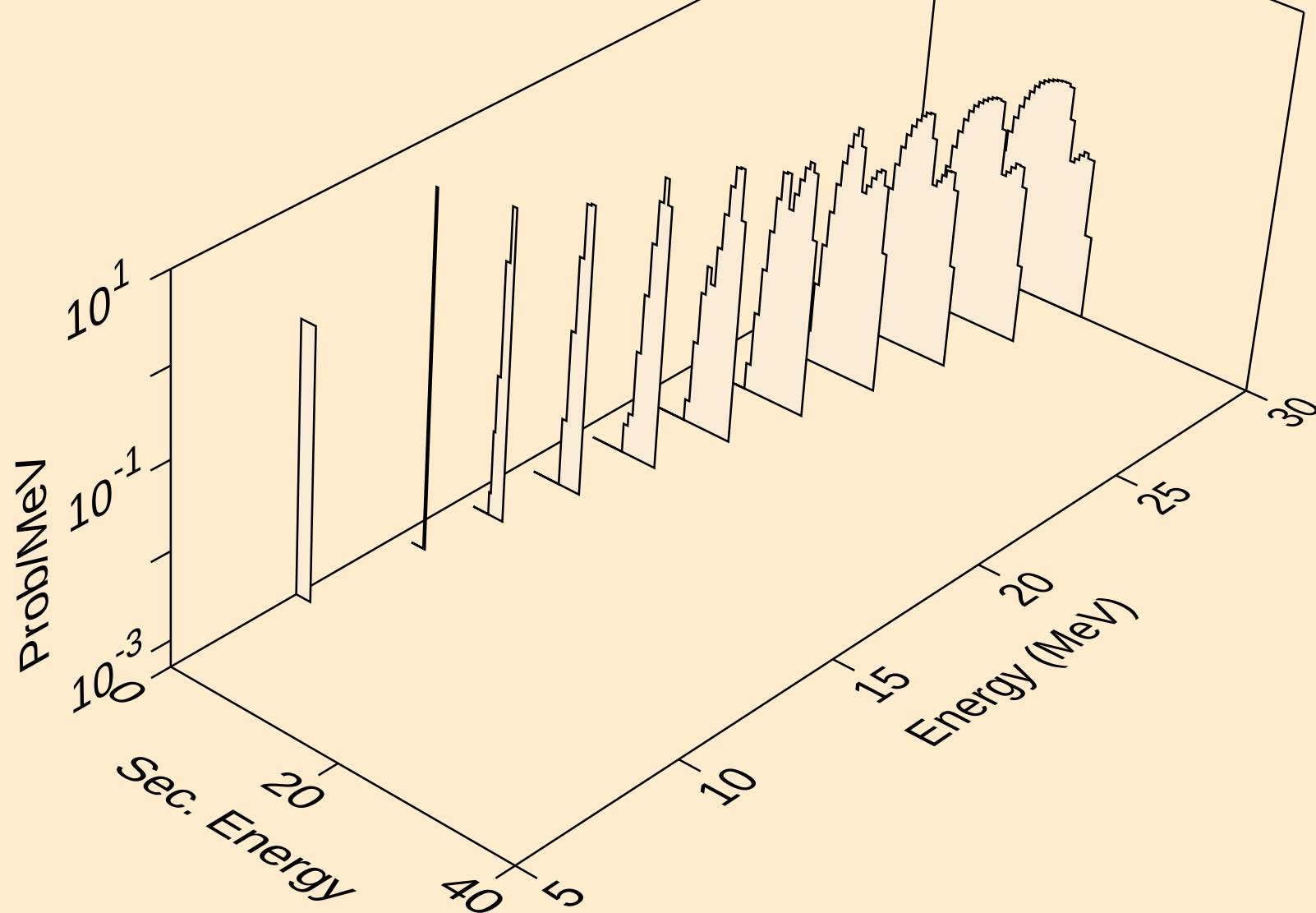
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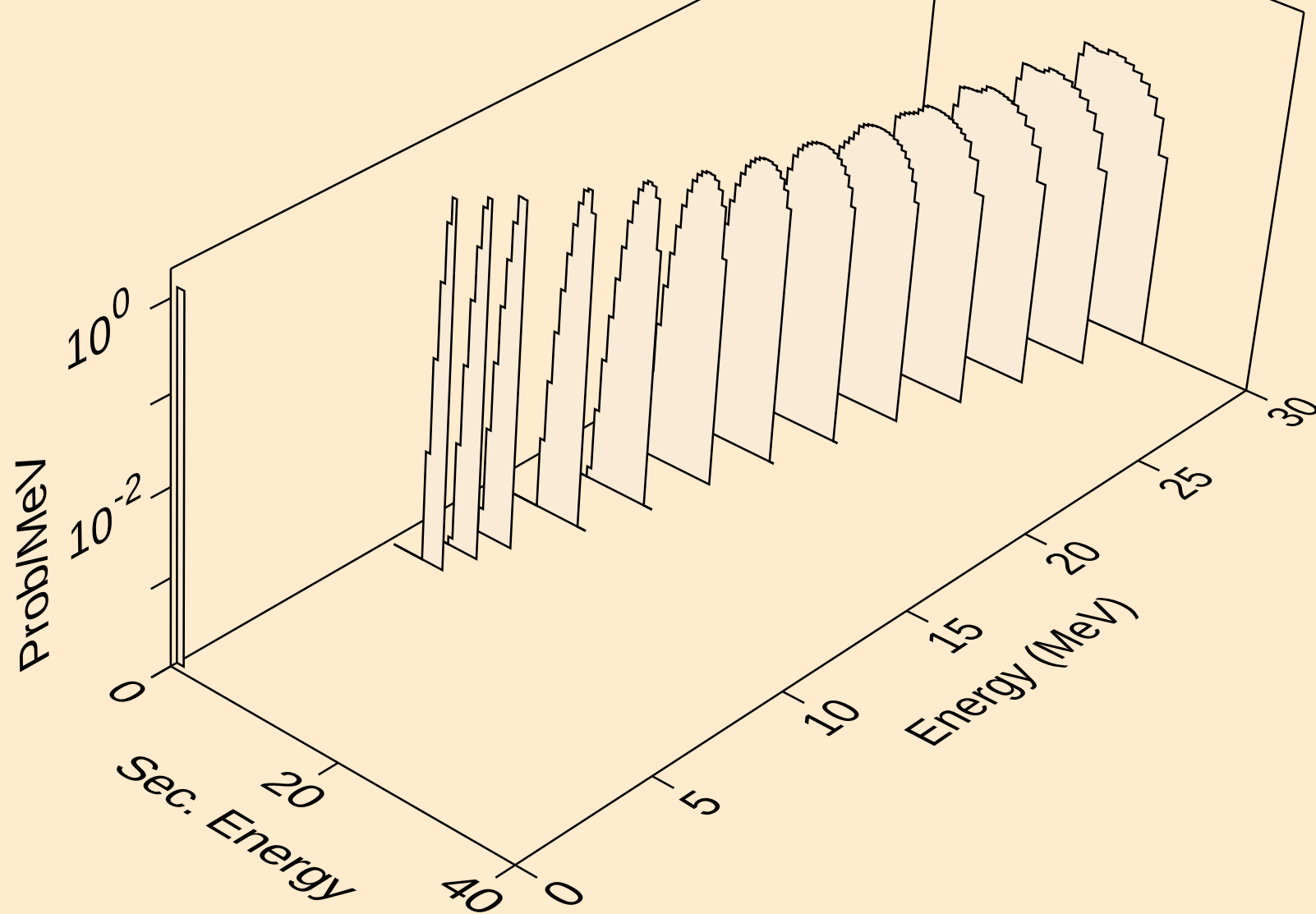
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tritons from (s,x)



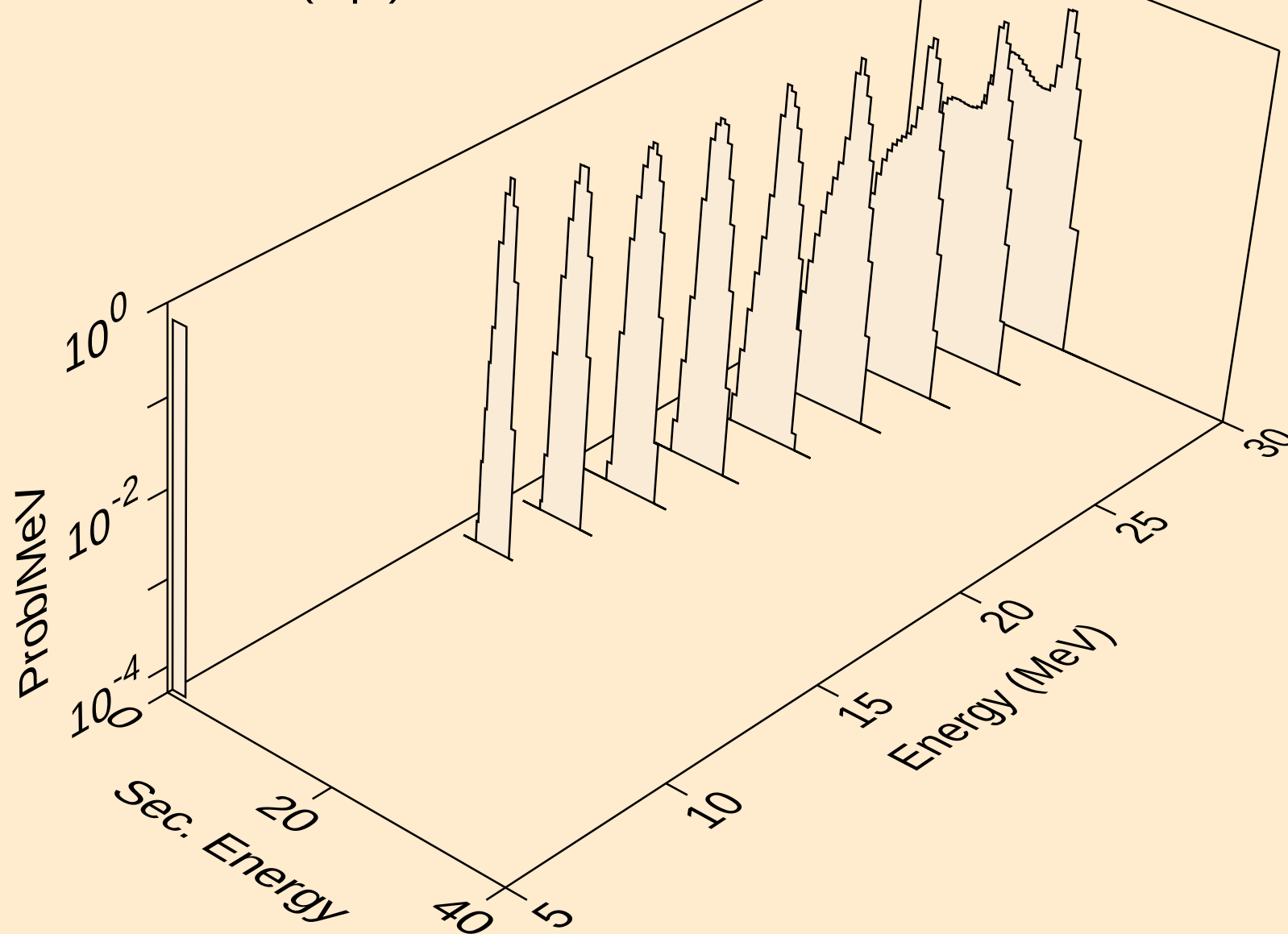
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)

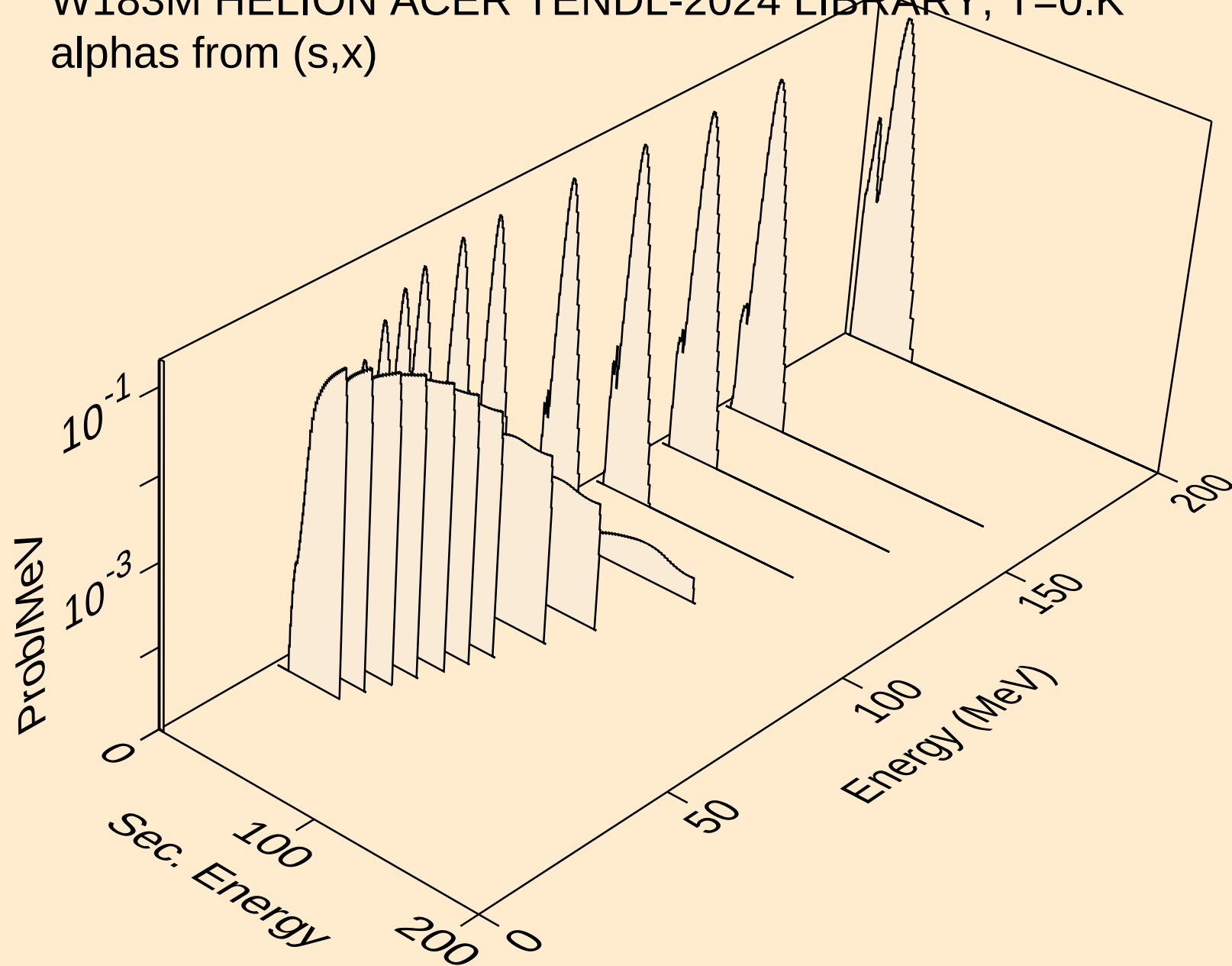


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tritons from (s,pt)

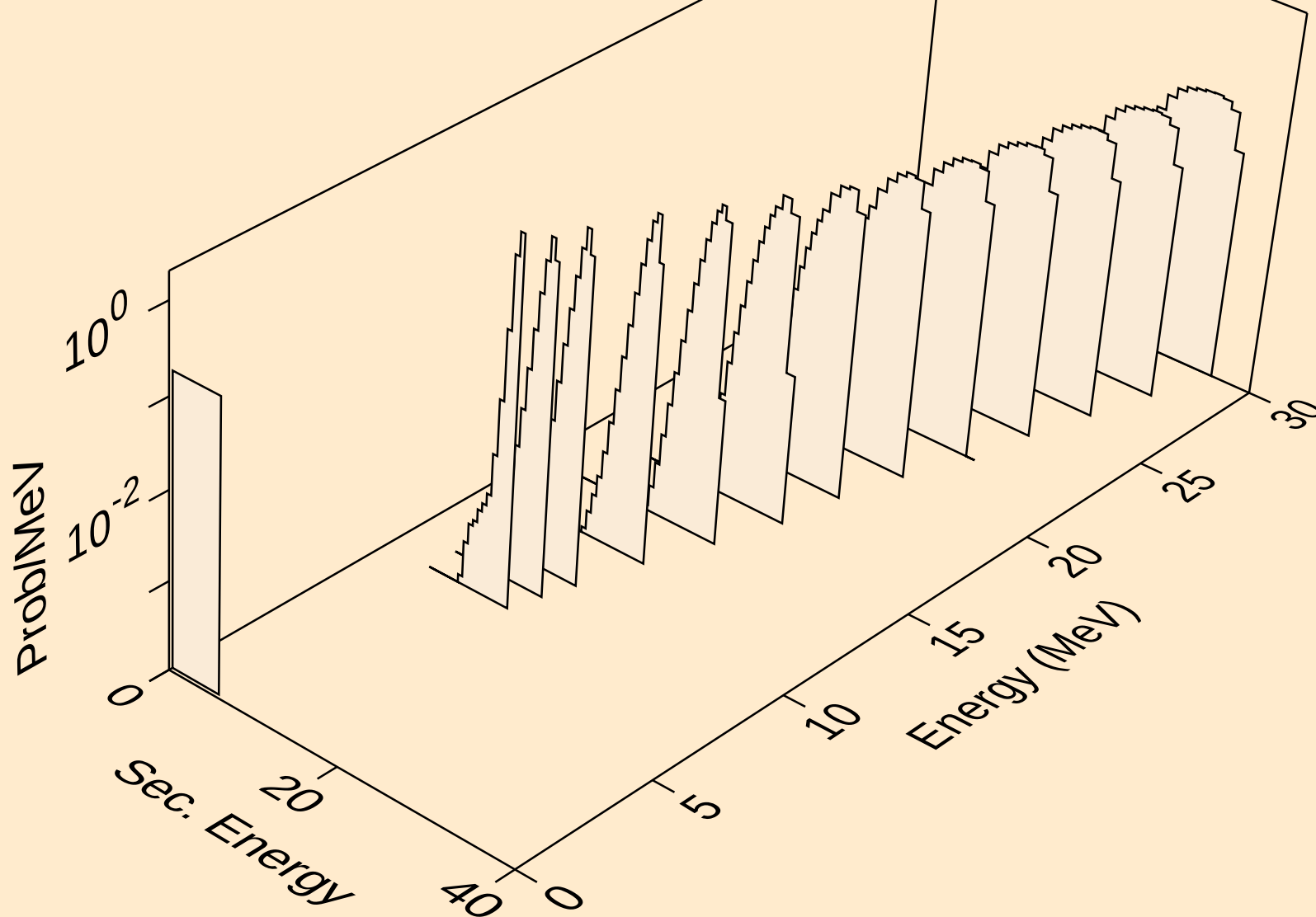




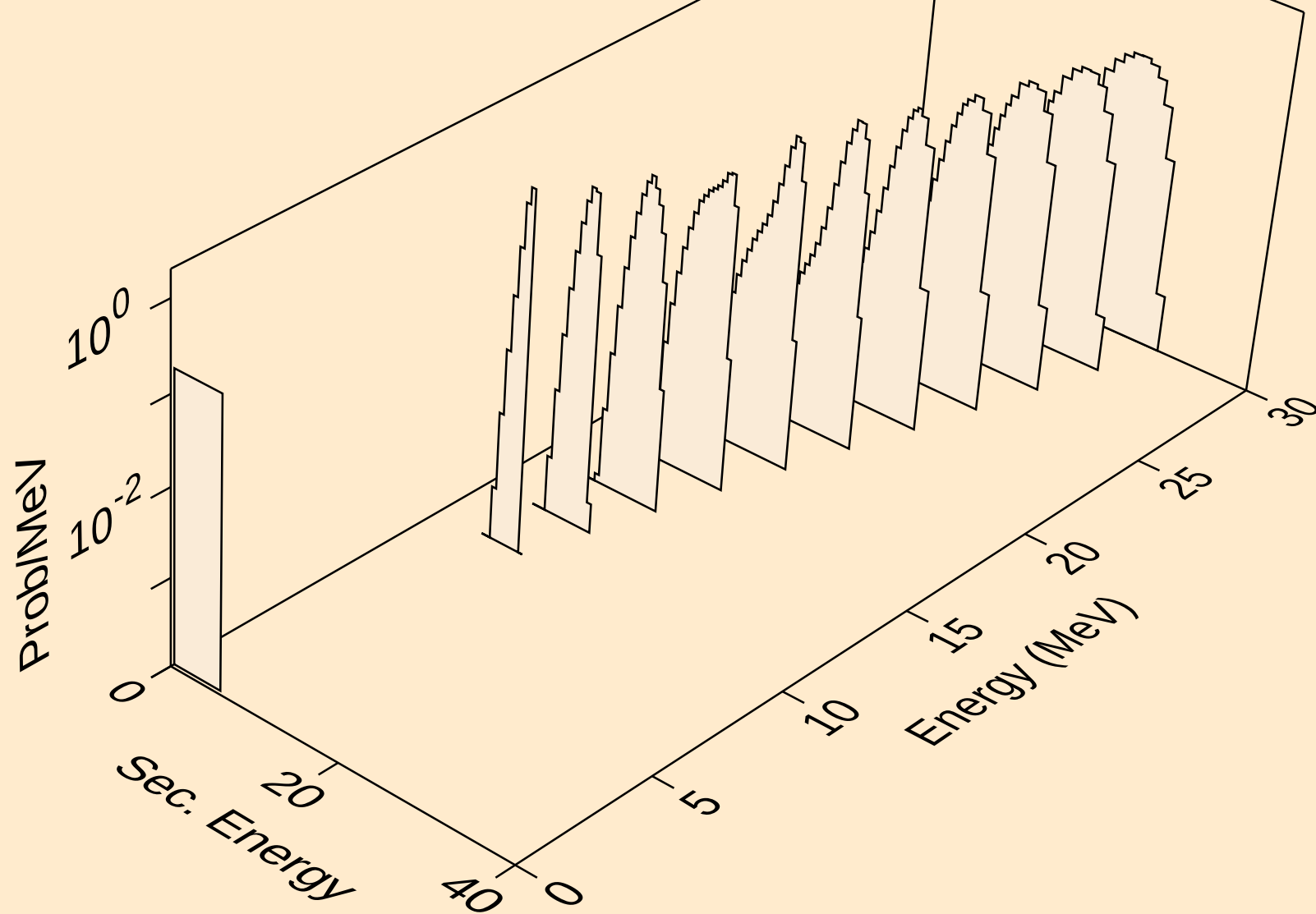
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alphas from (s,x)



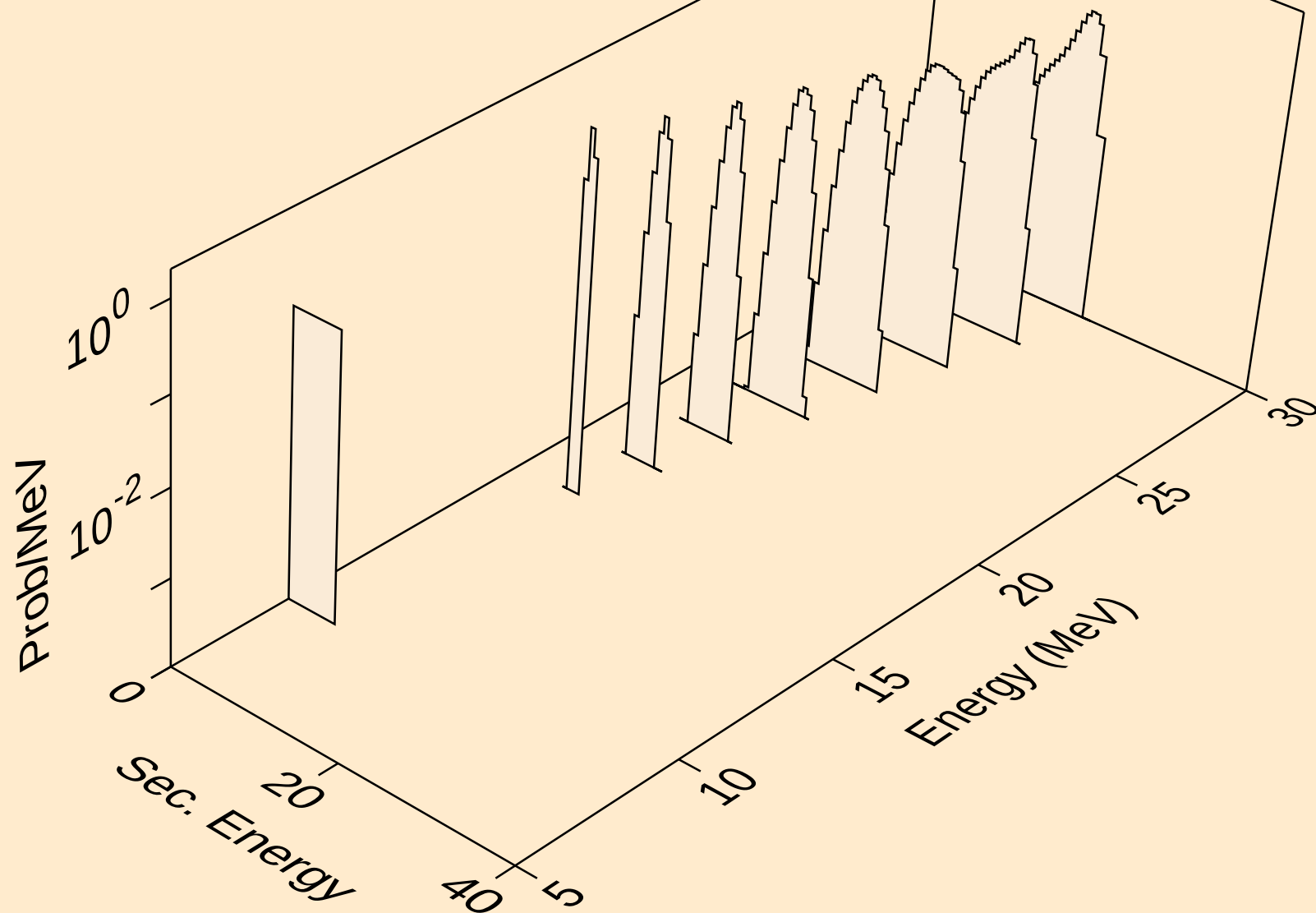
W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



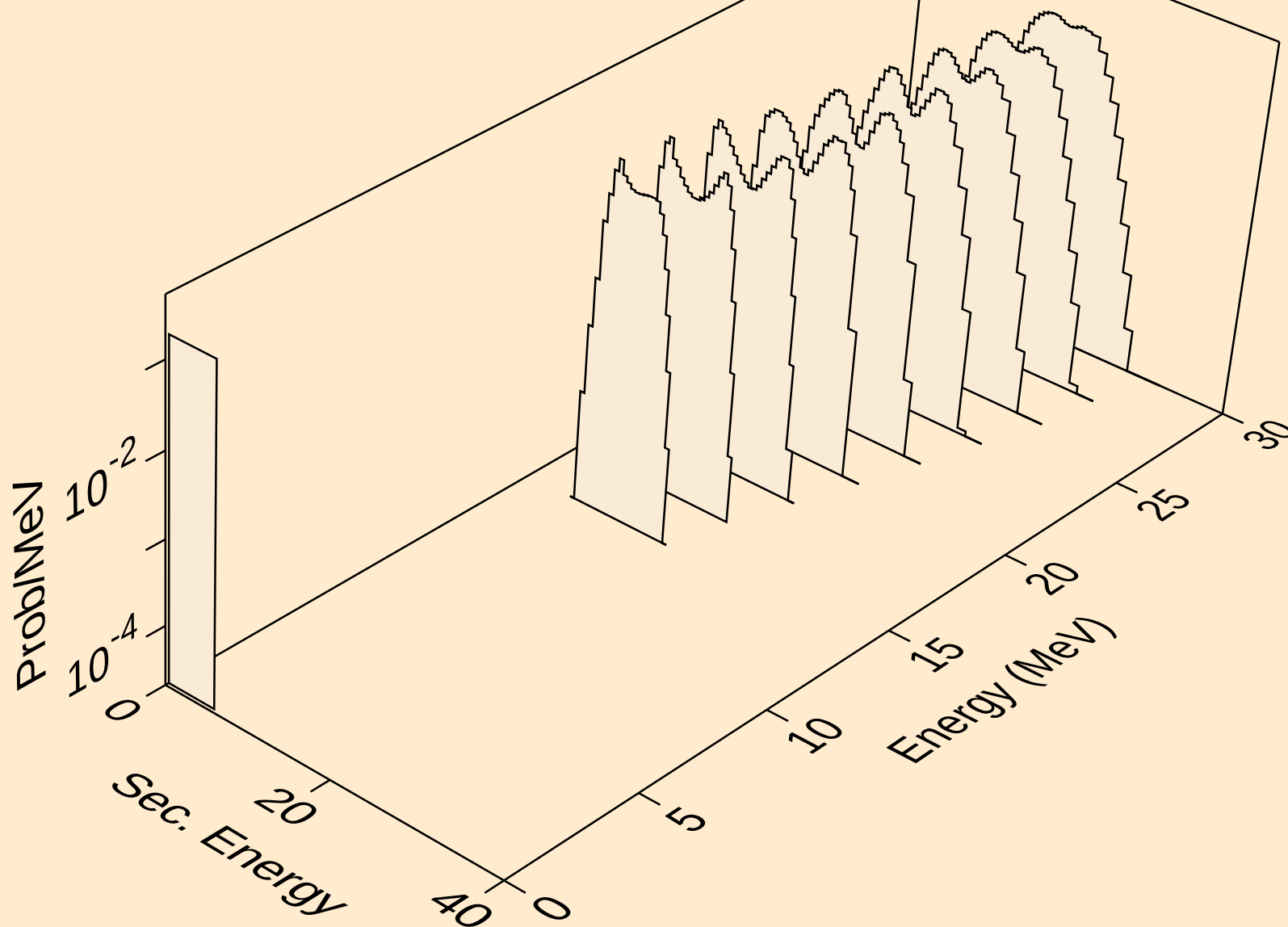
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alphas from (s,2n)a



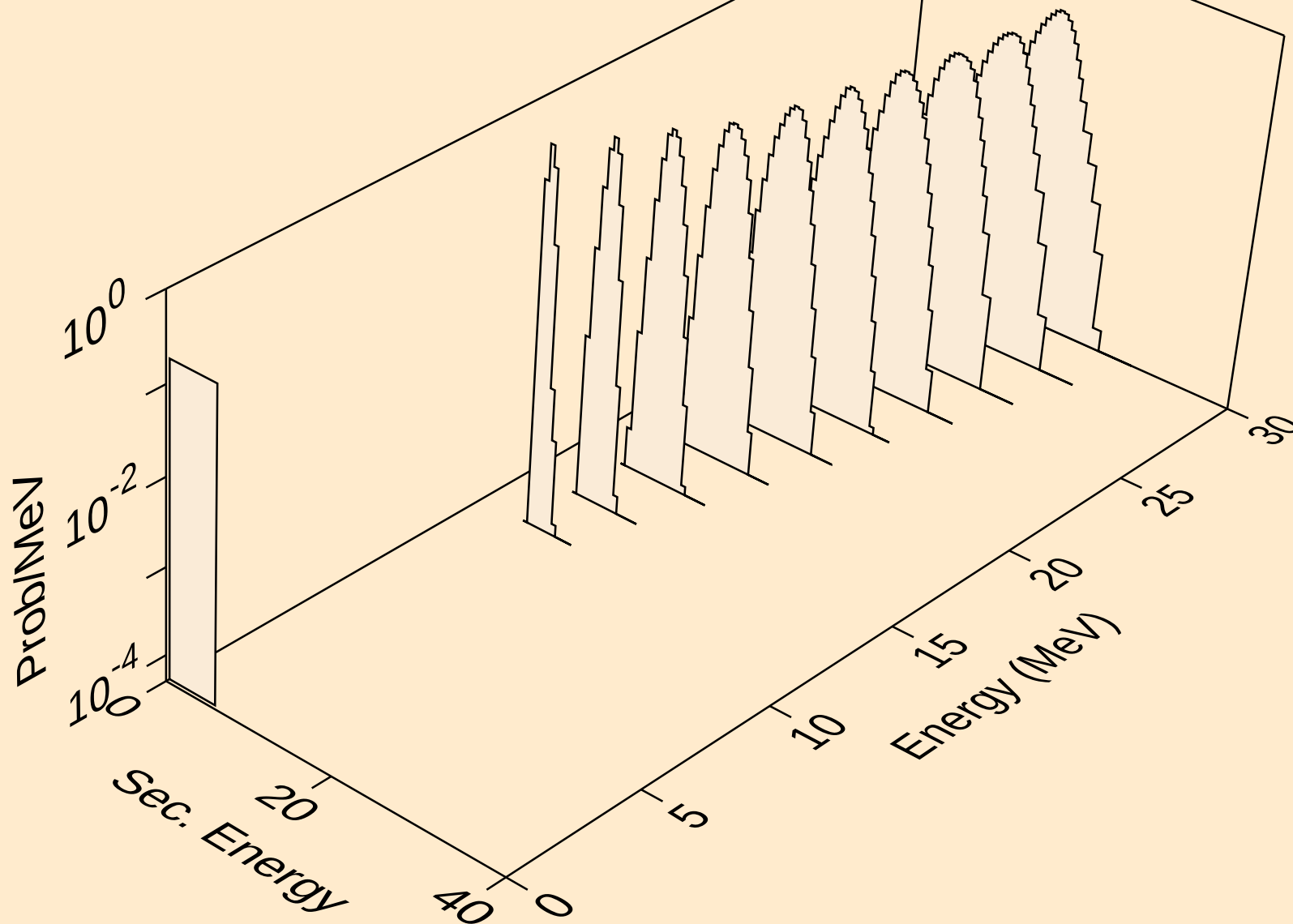
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alphas from (s,3n)a



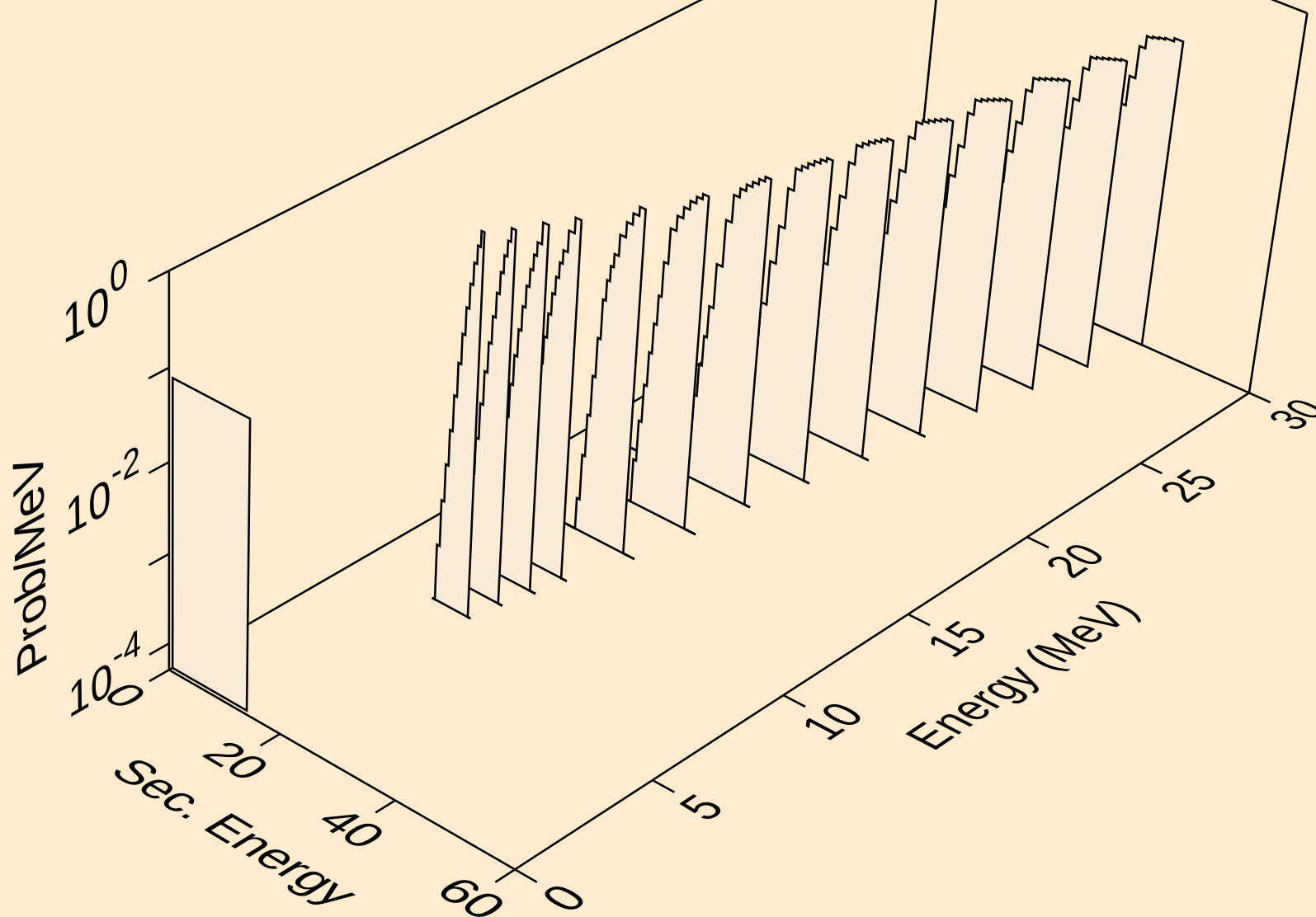
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alphas from (s,n\*)2a



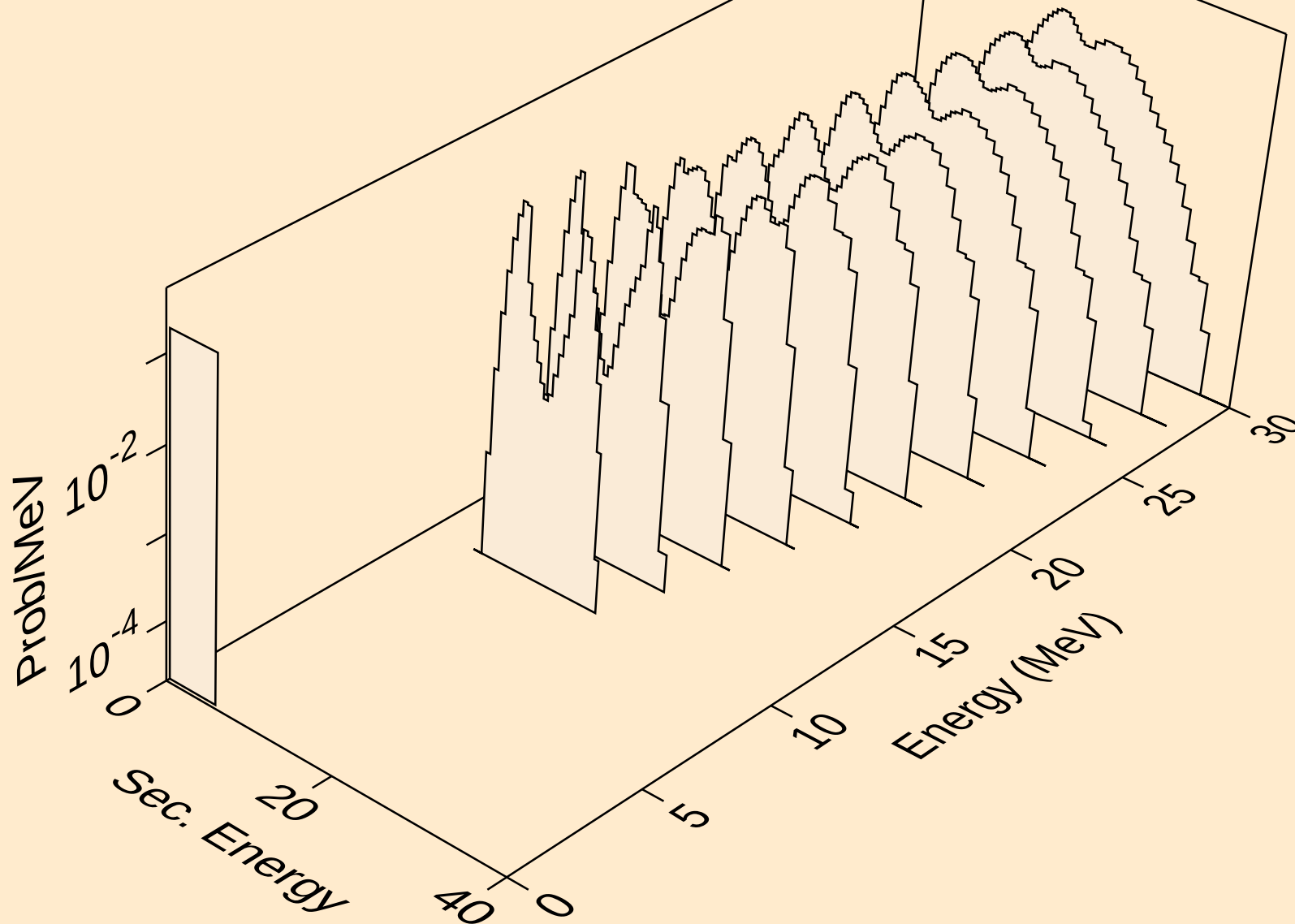
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alphas from (s,npa)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

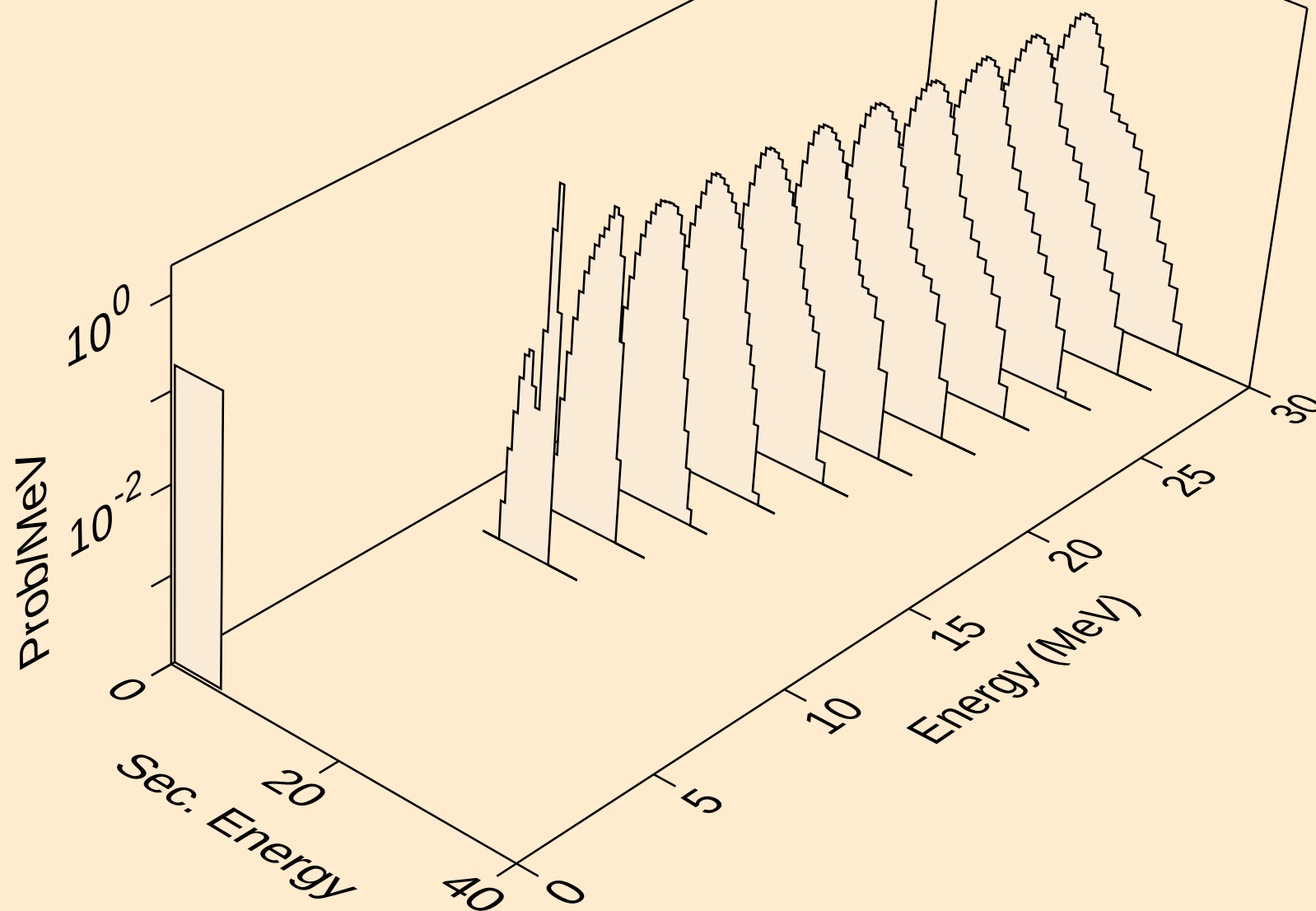


W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)





W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



W183M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

