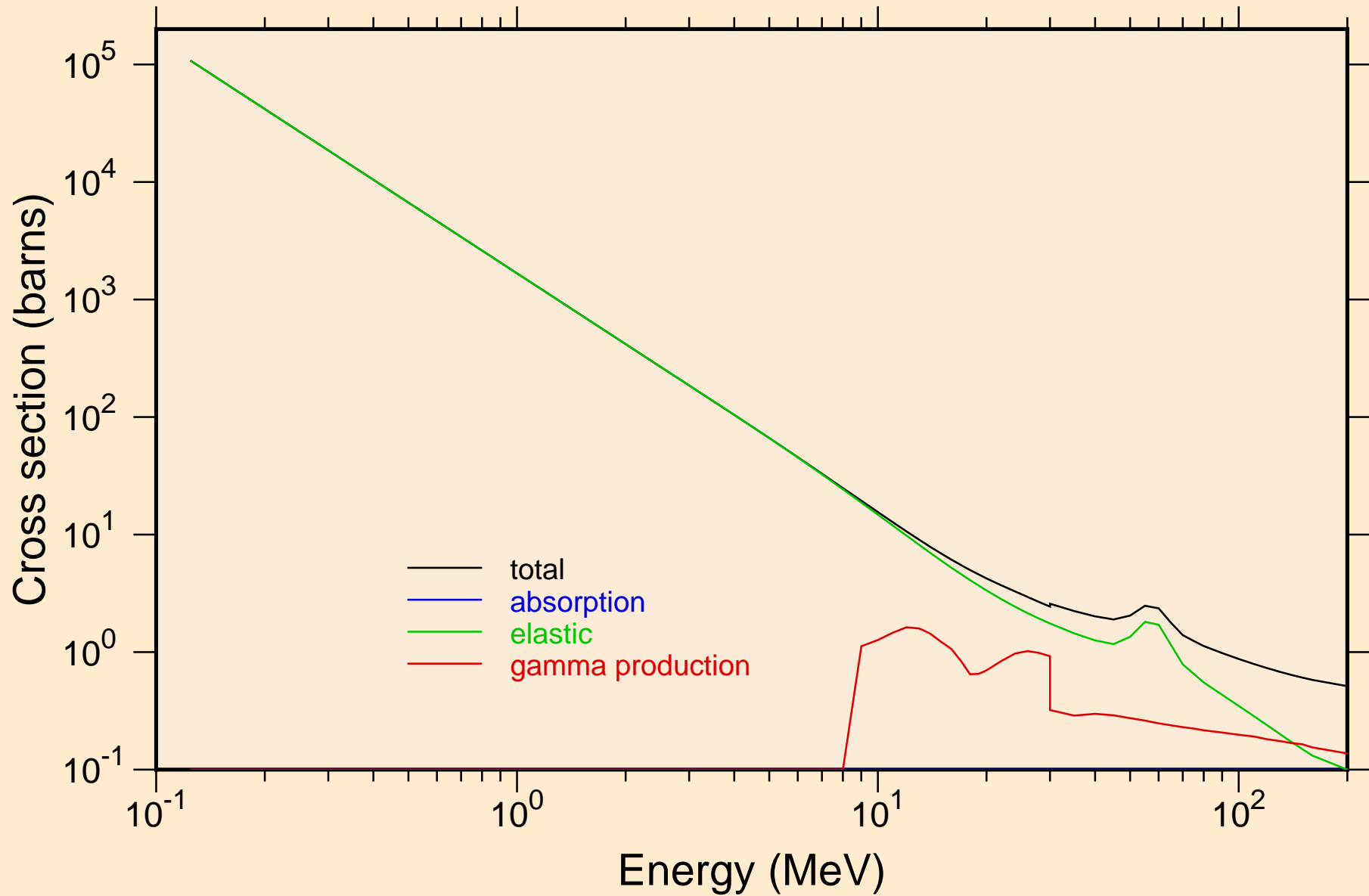


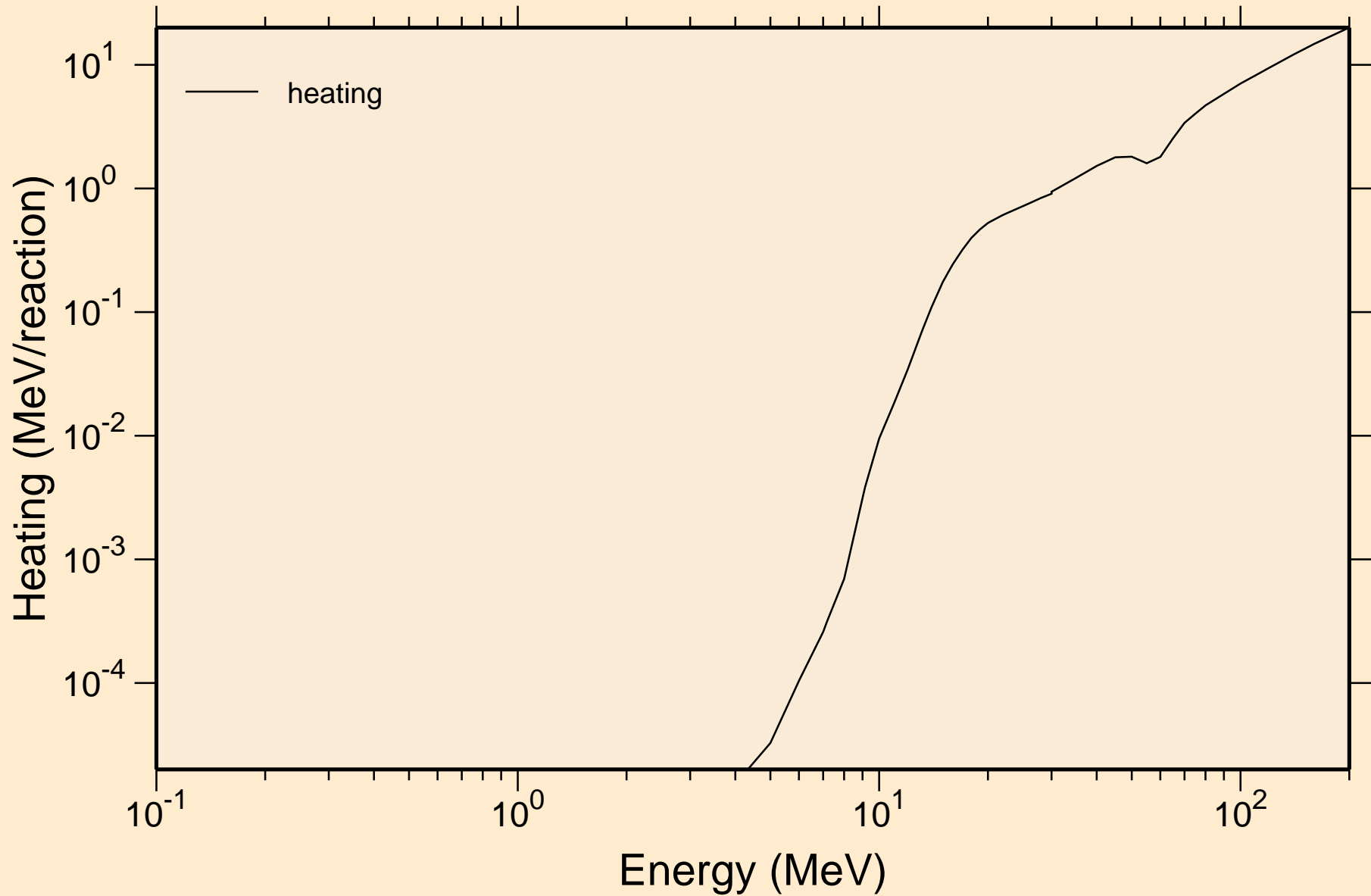
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



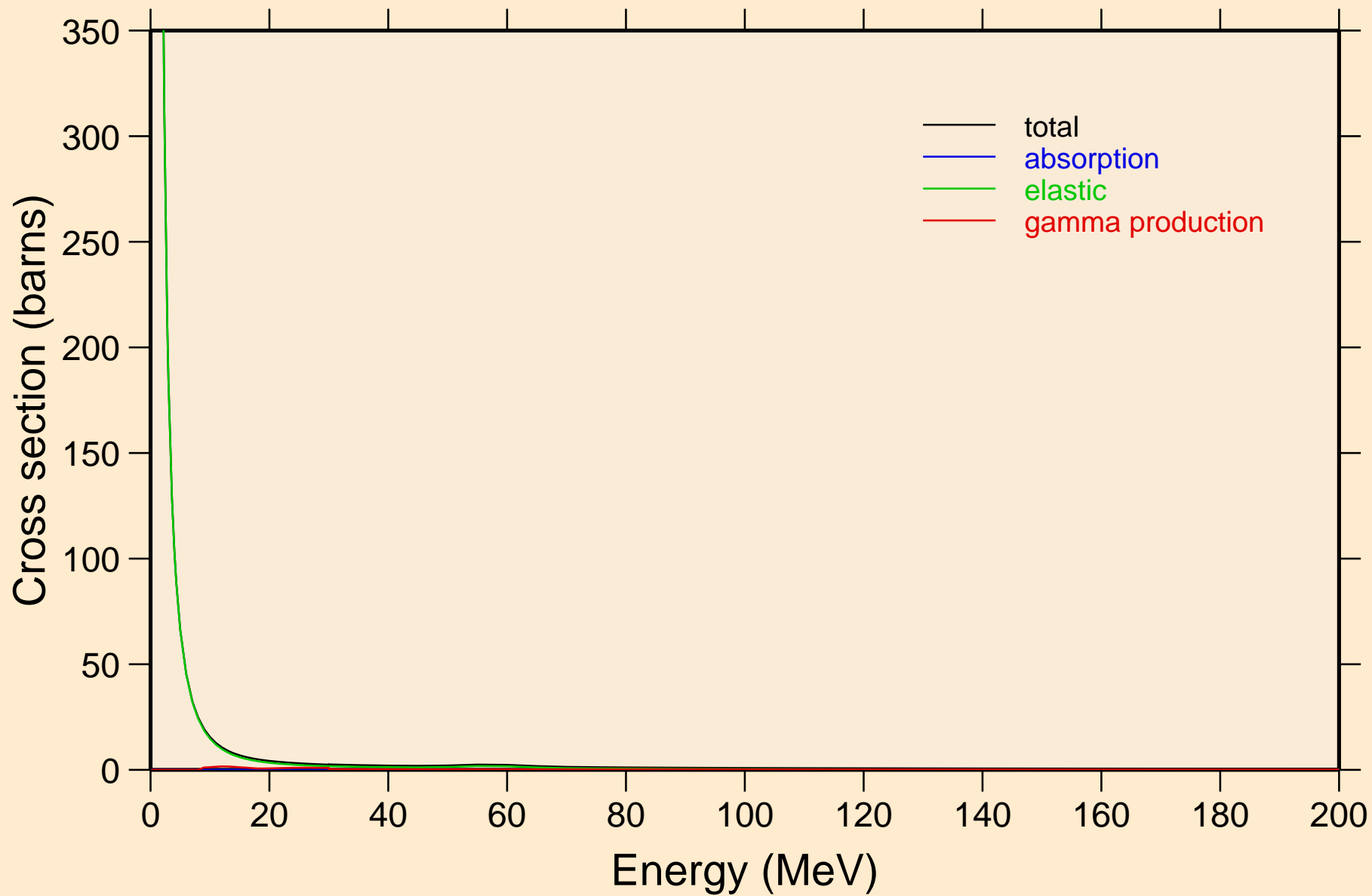
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



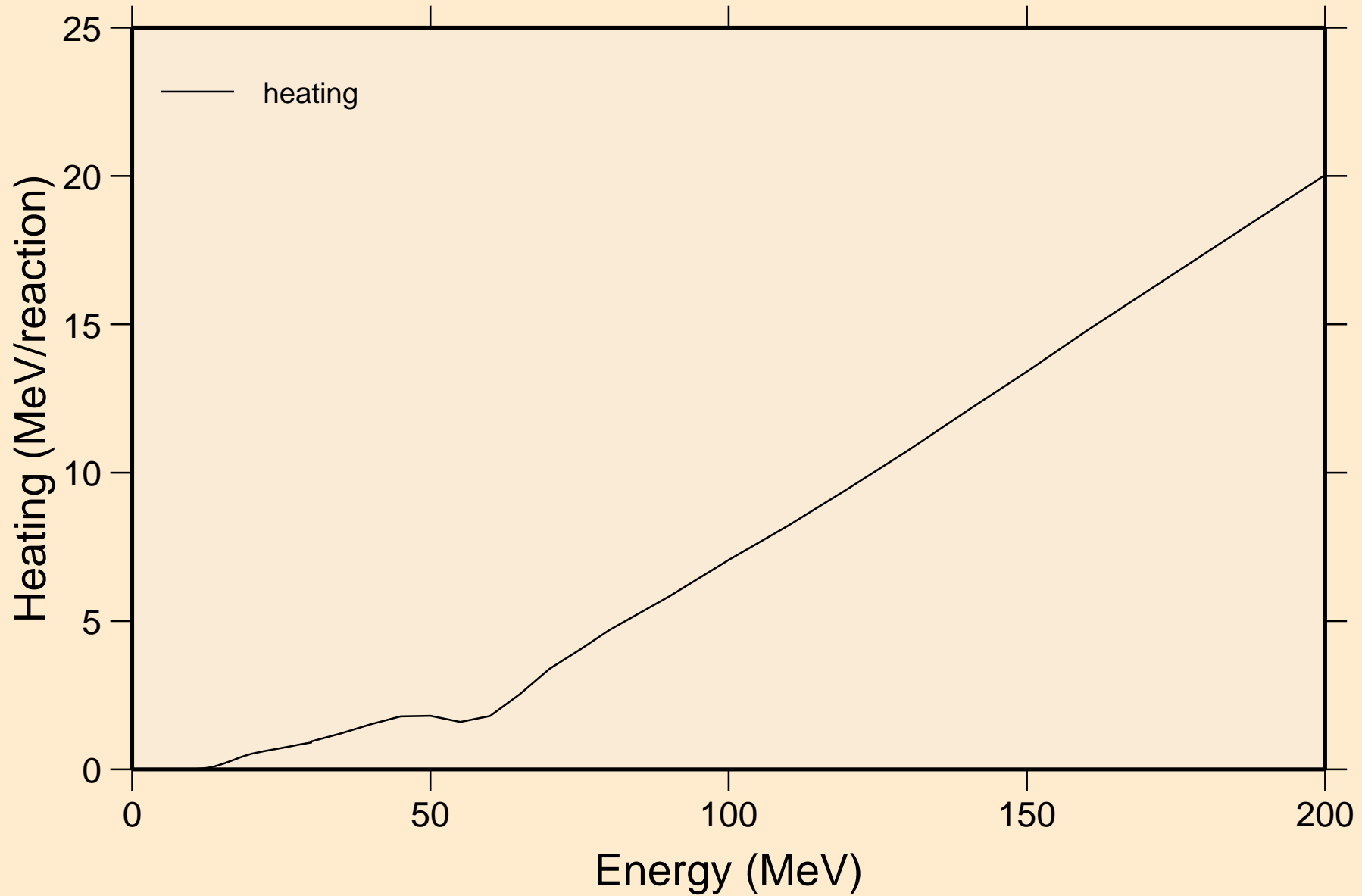
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



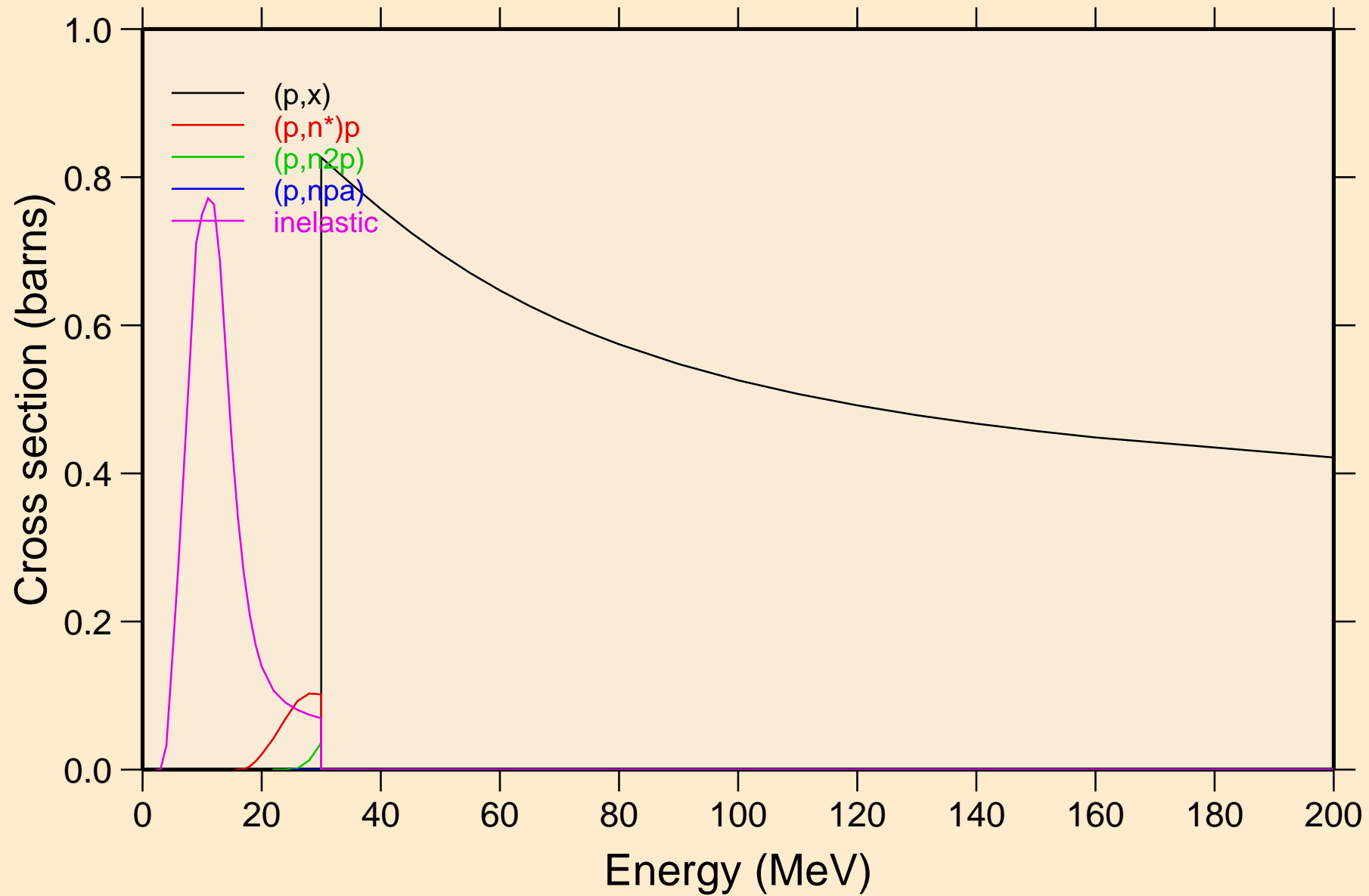
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



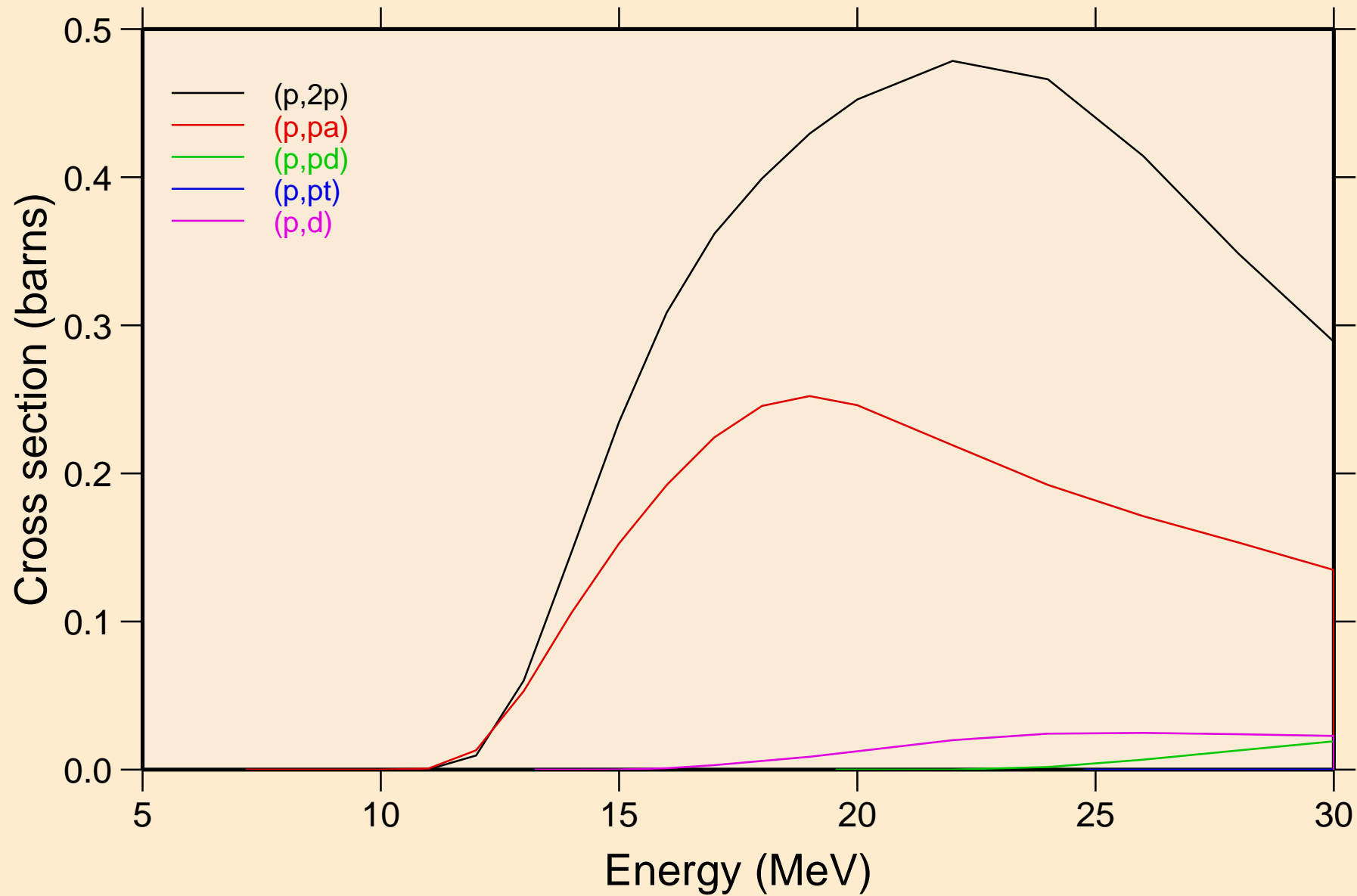
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



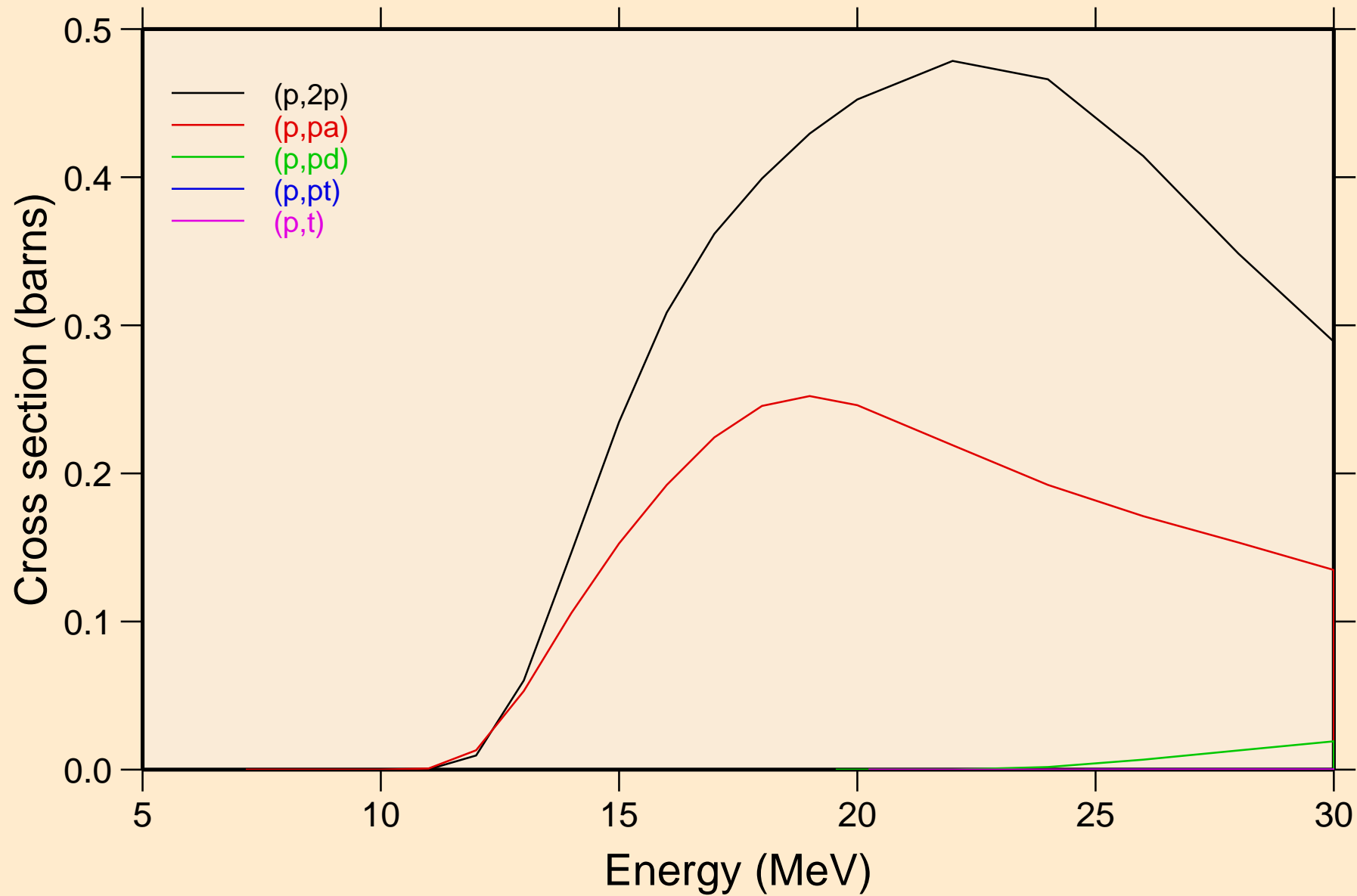
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

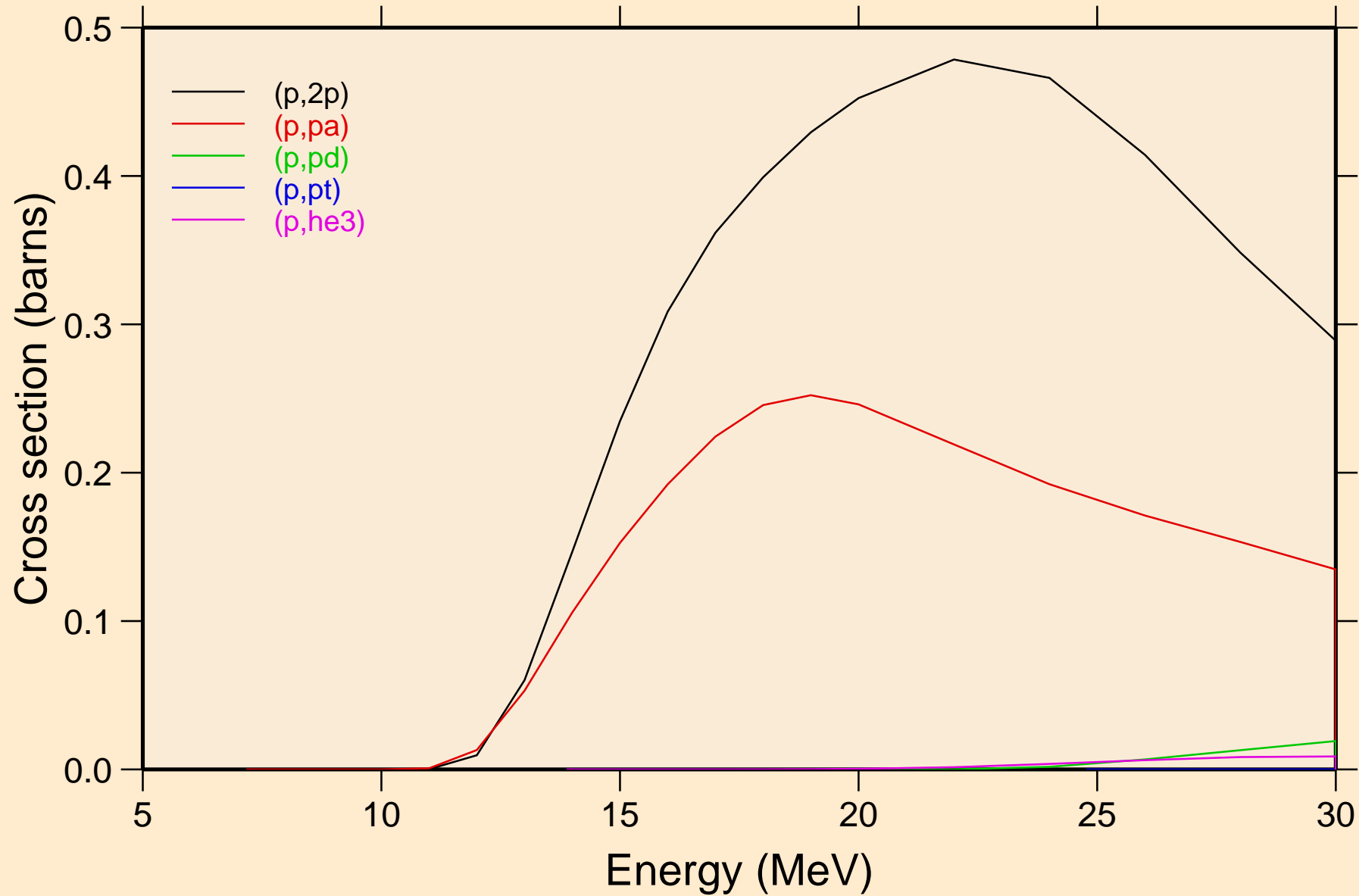


# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



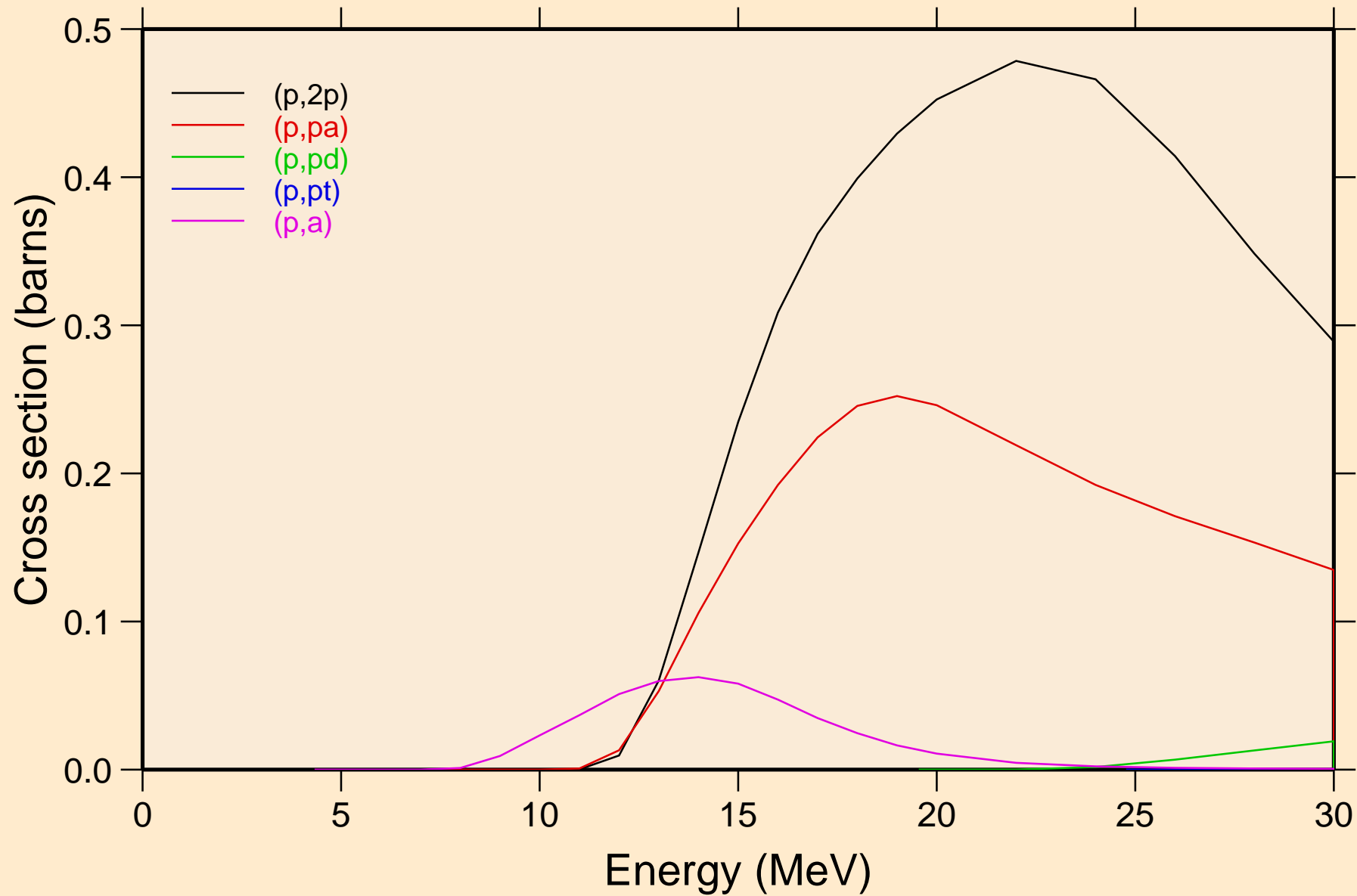
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions





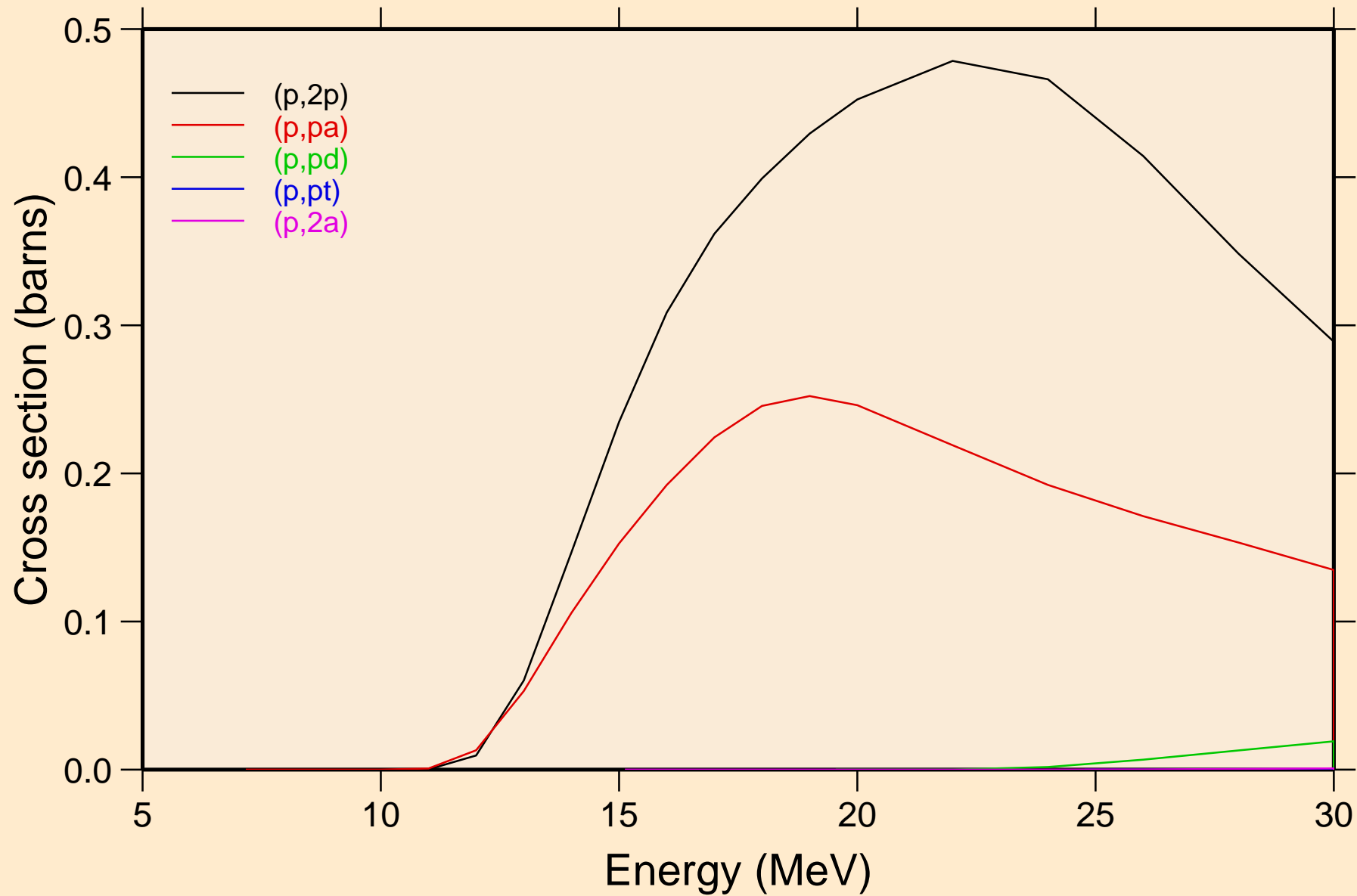
# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



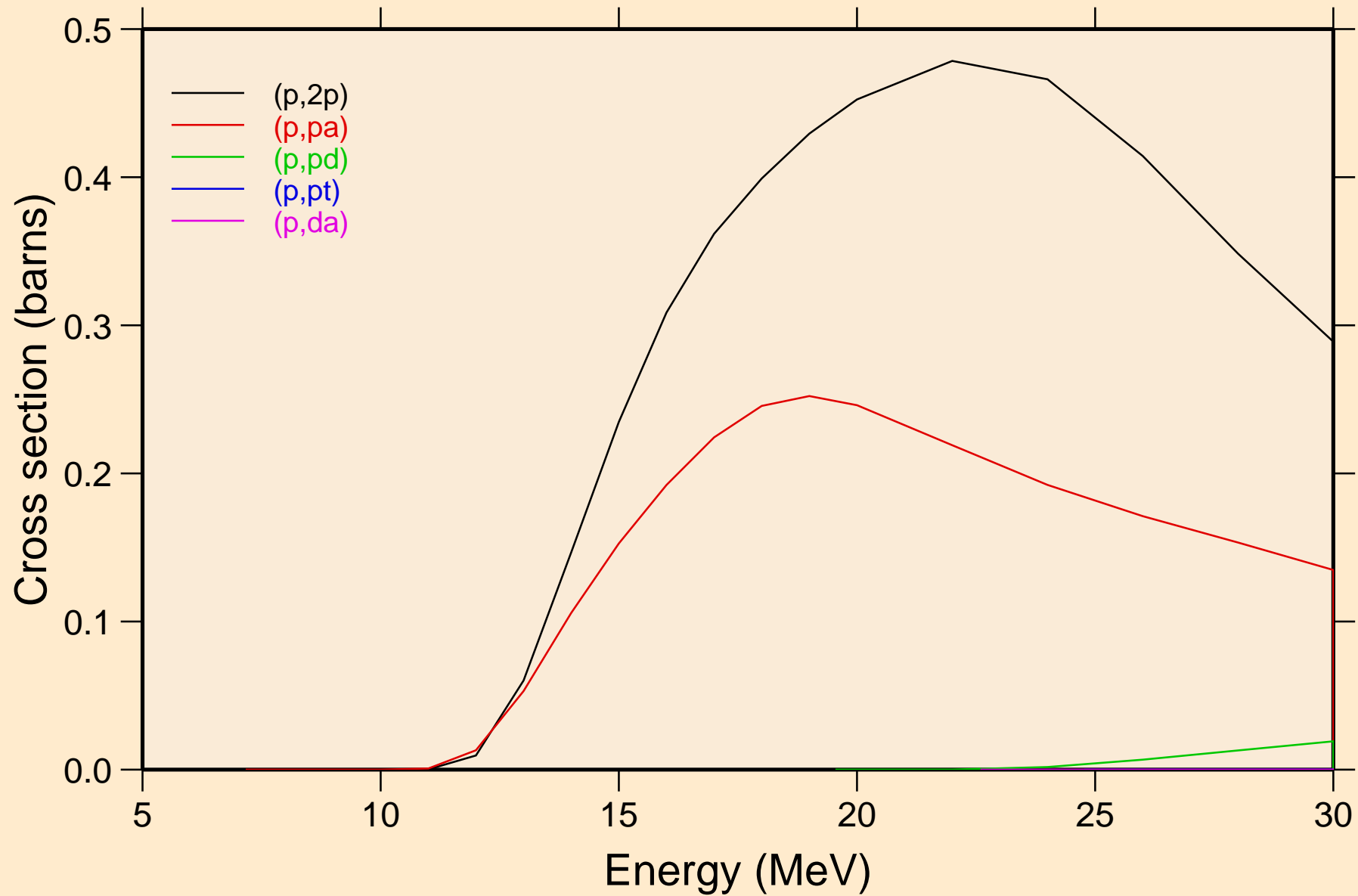
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## Threshold reactions

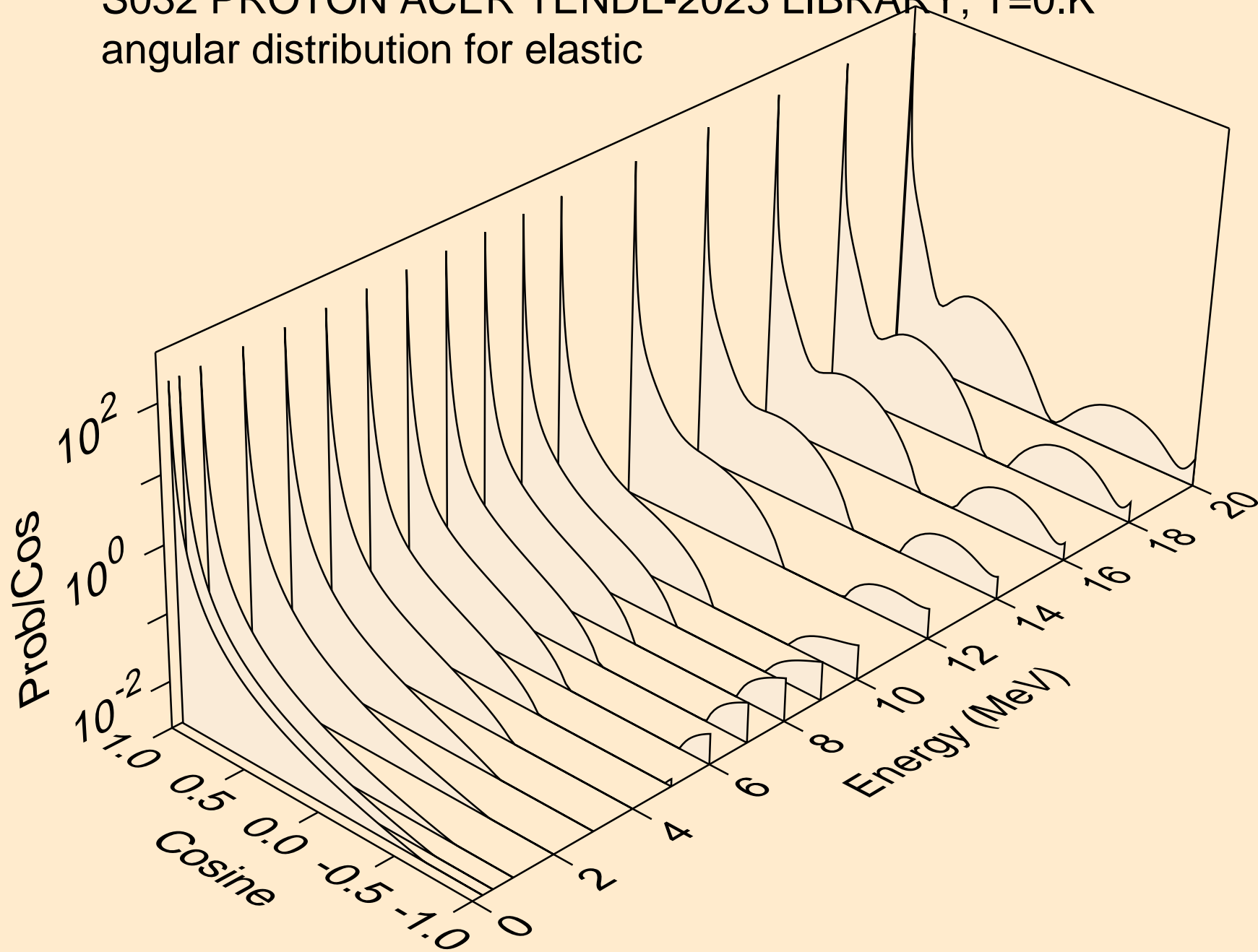


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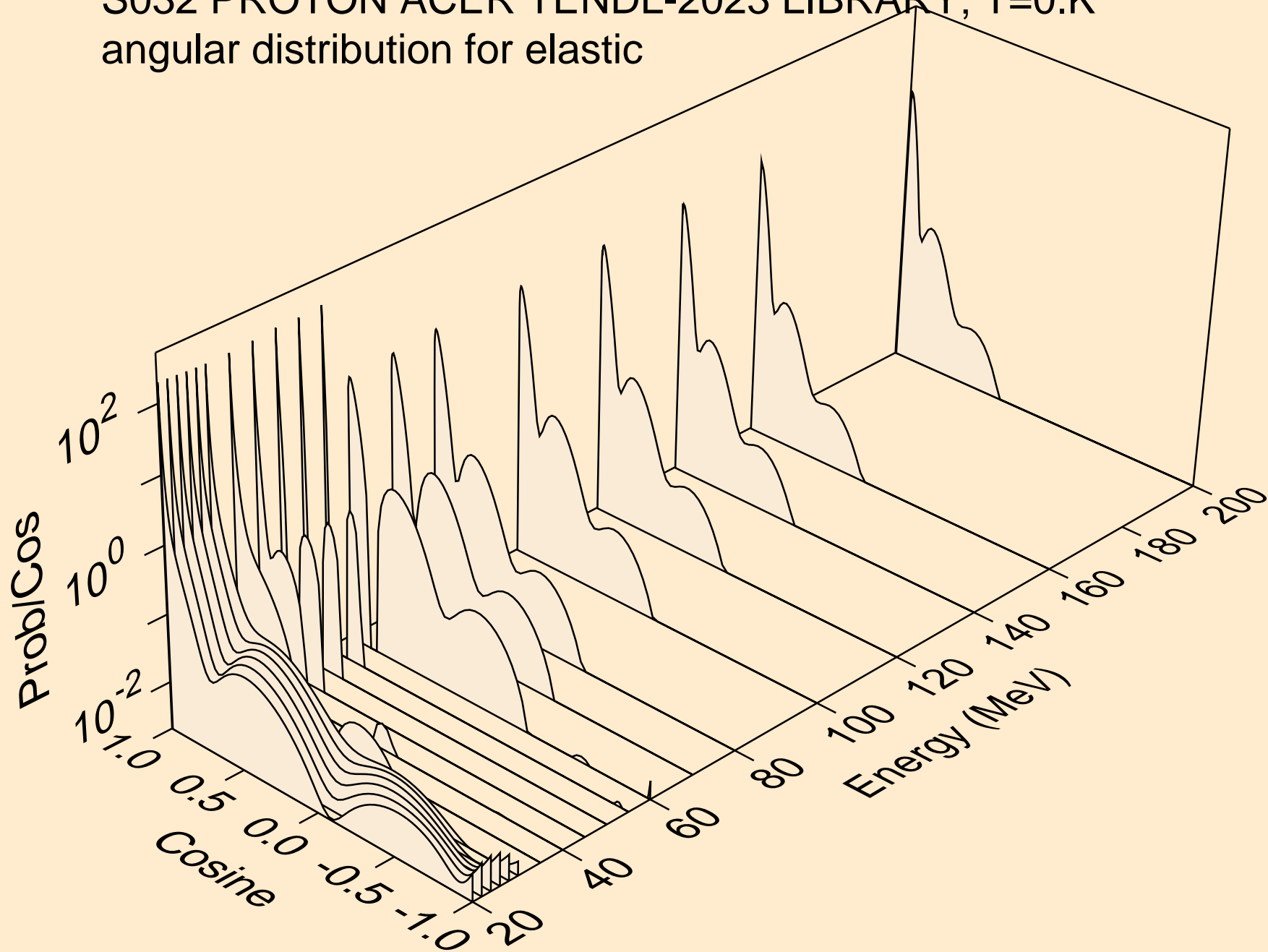
## Threshold reactions



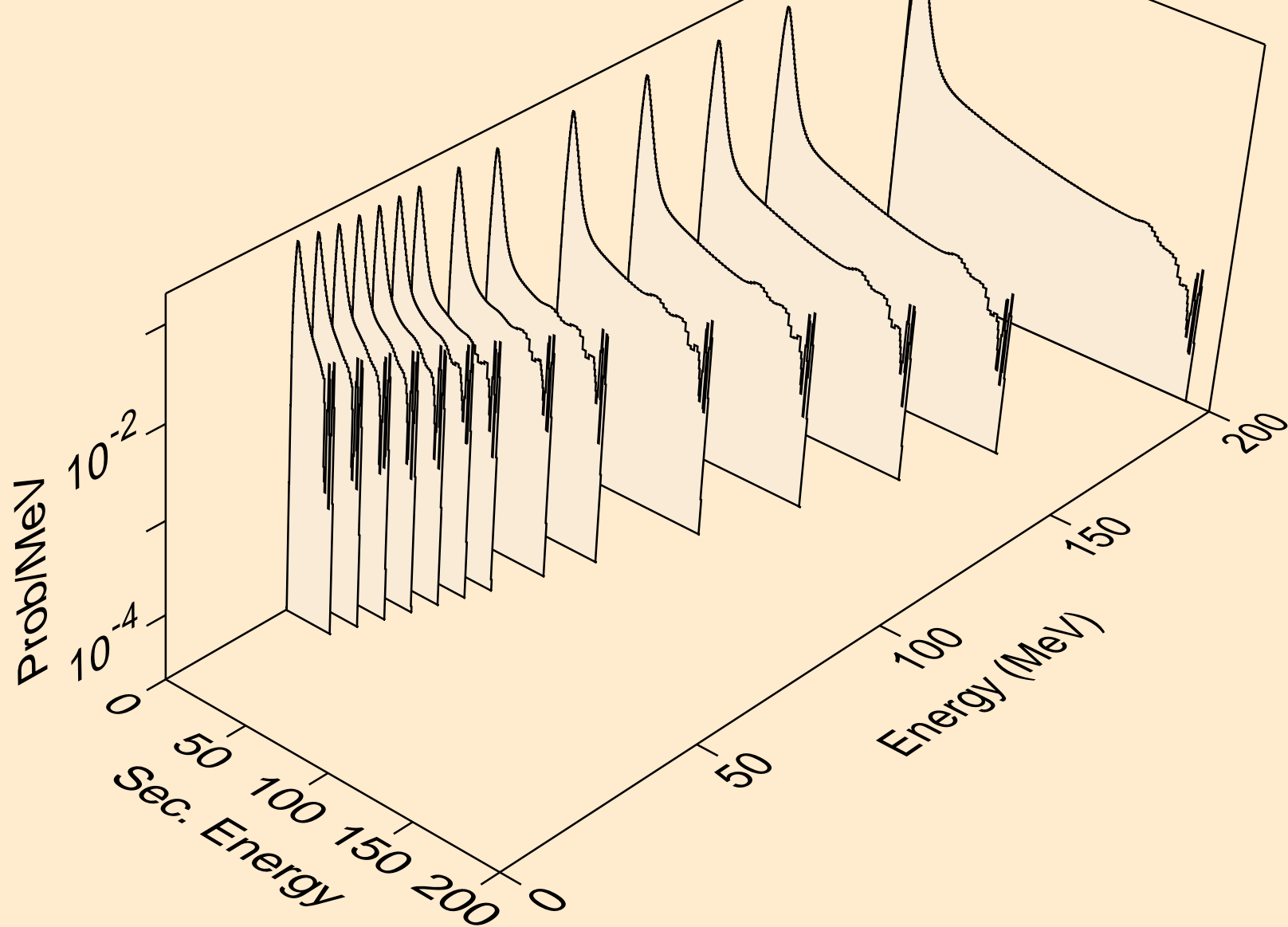
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



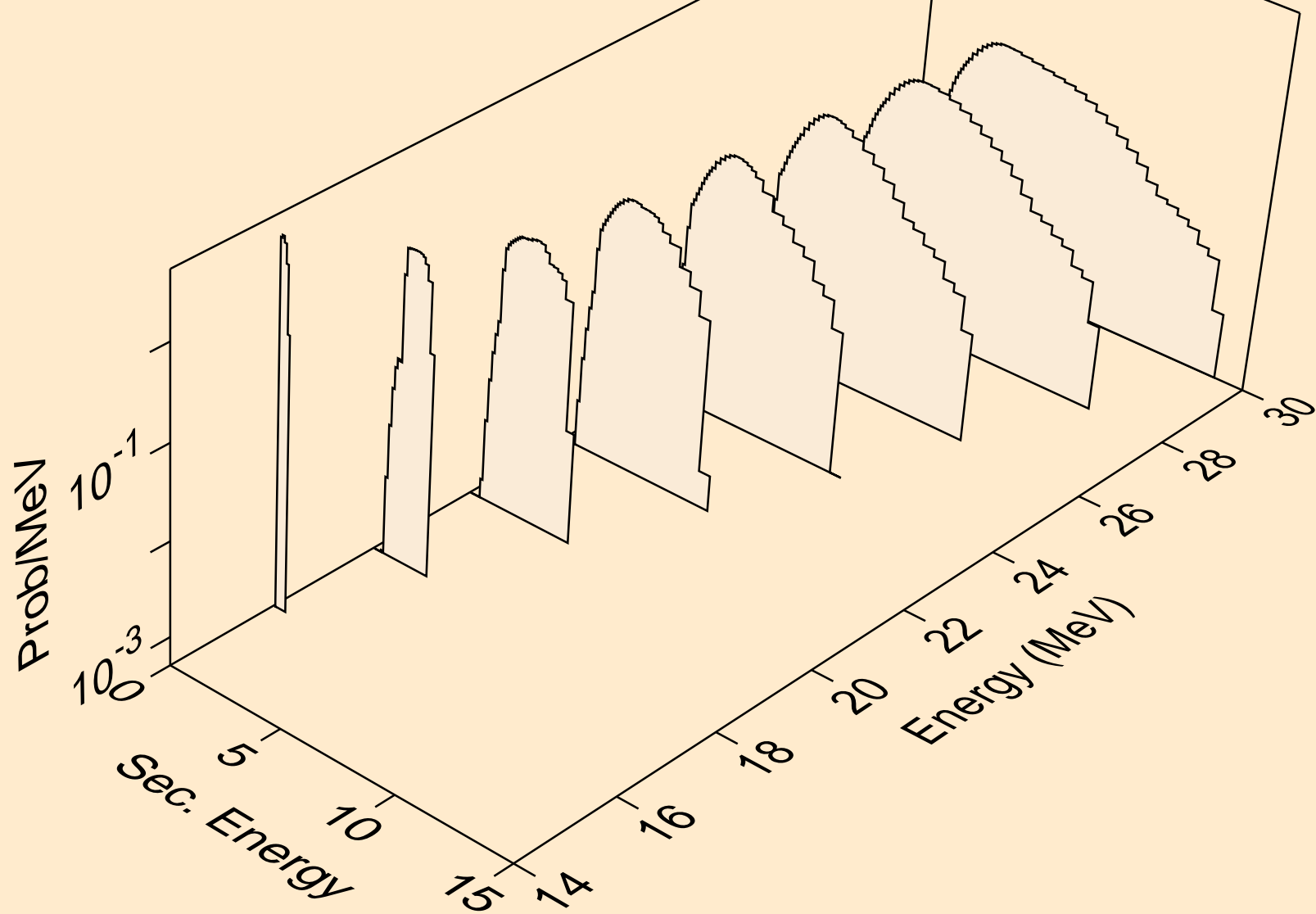
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



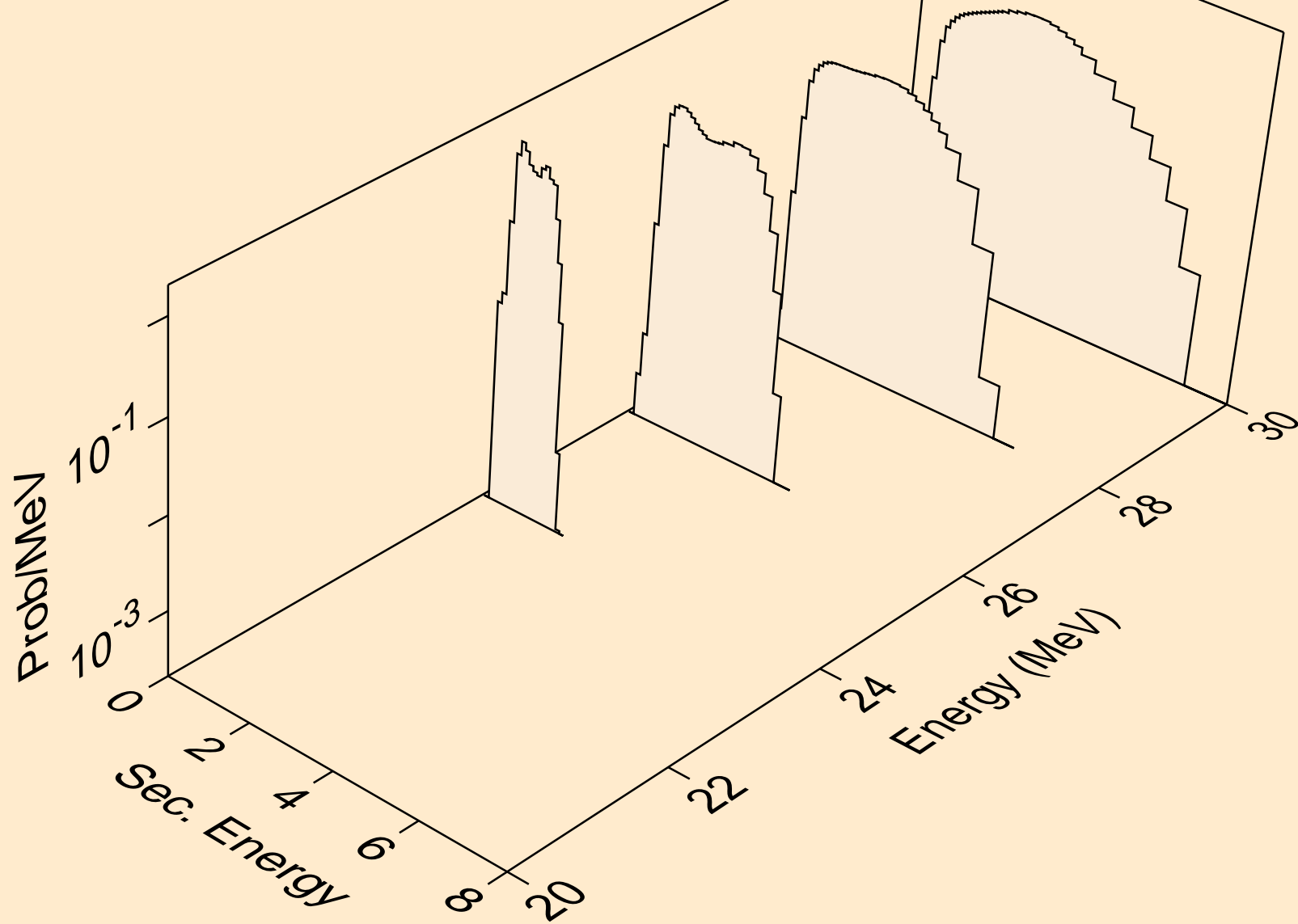
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p

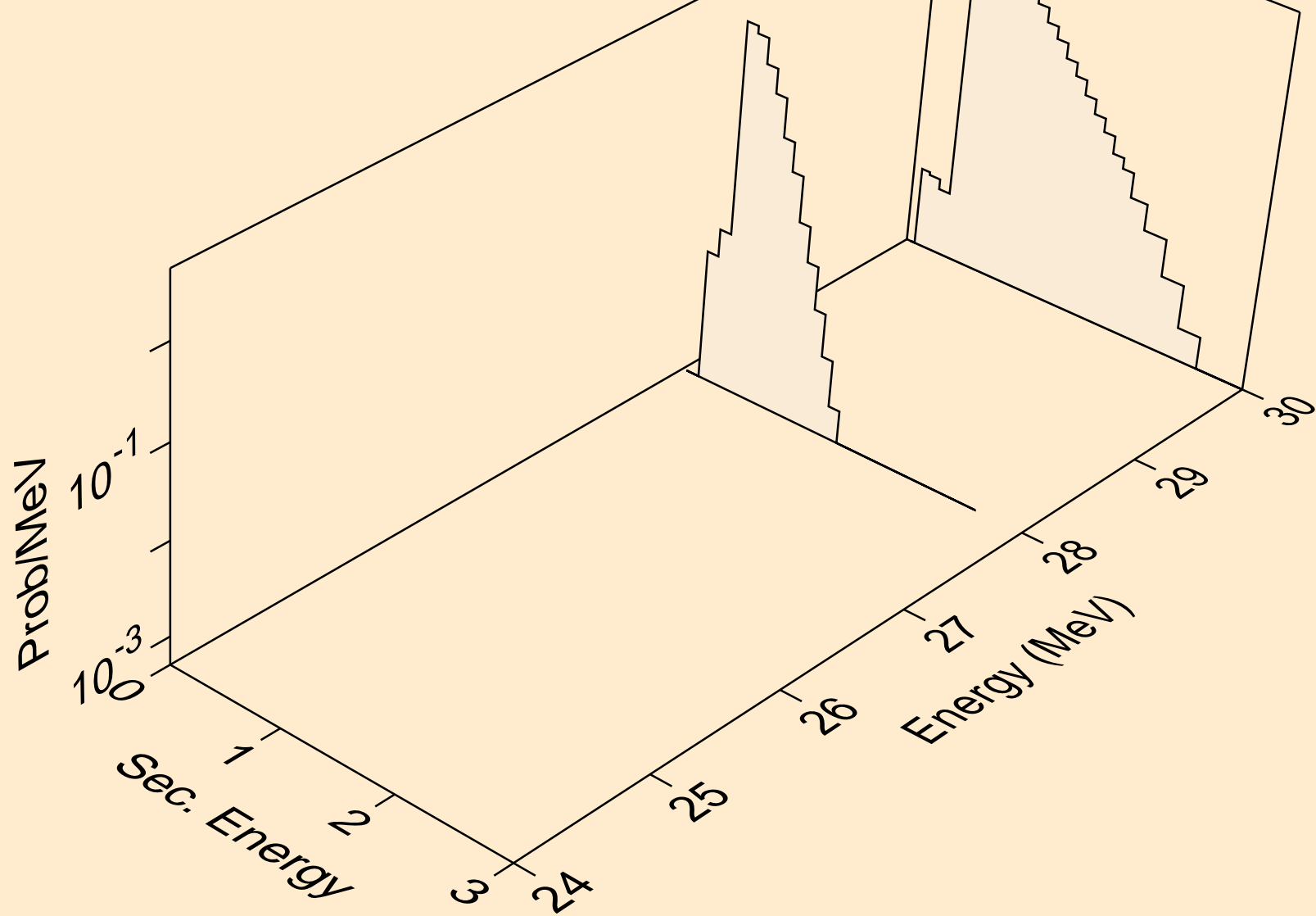


S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

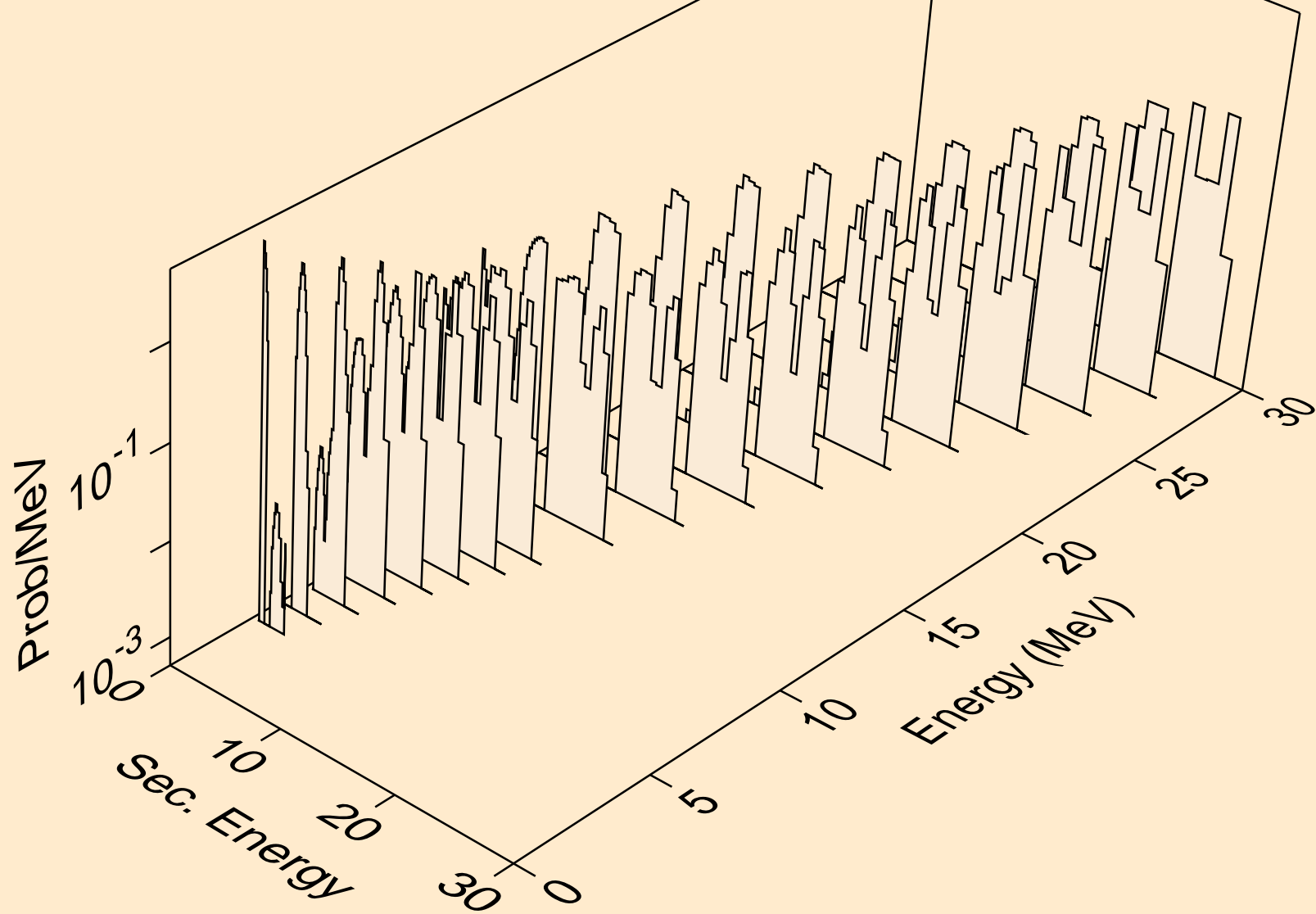




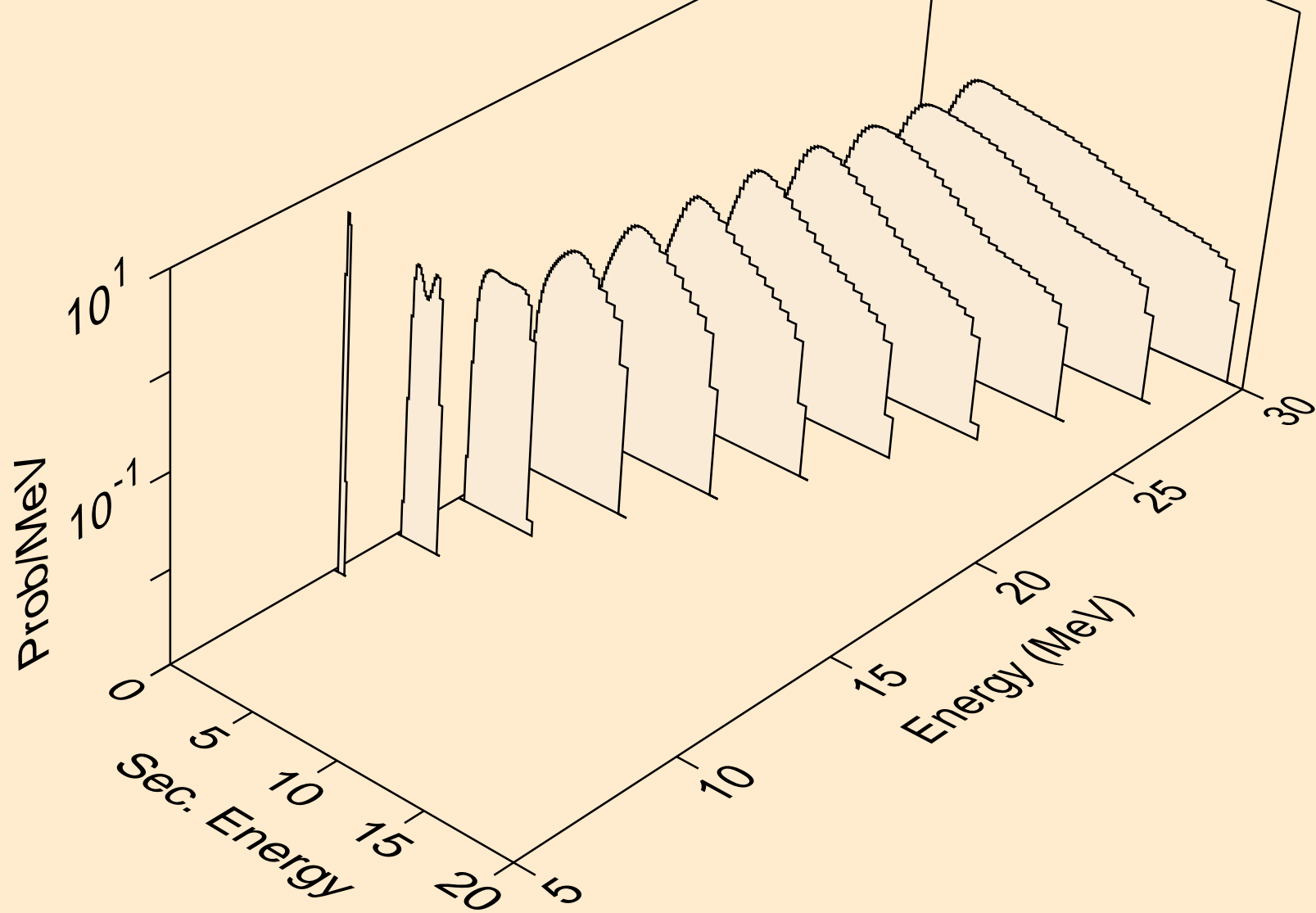
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Proton emission for (p,npa)



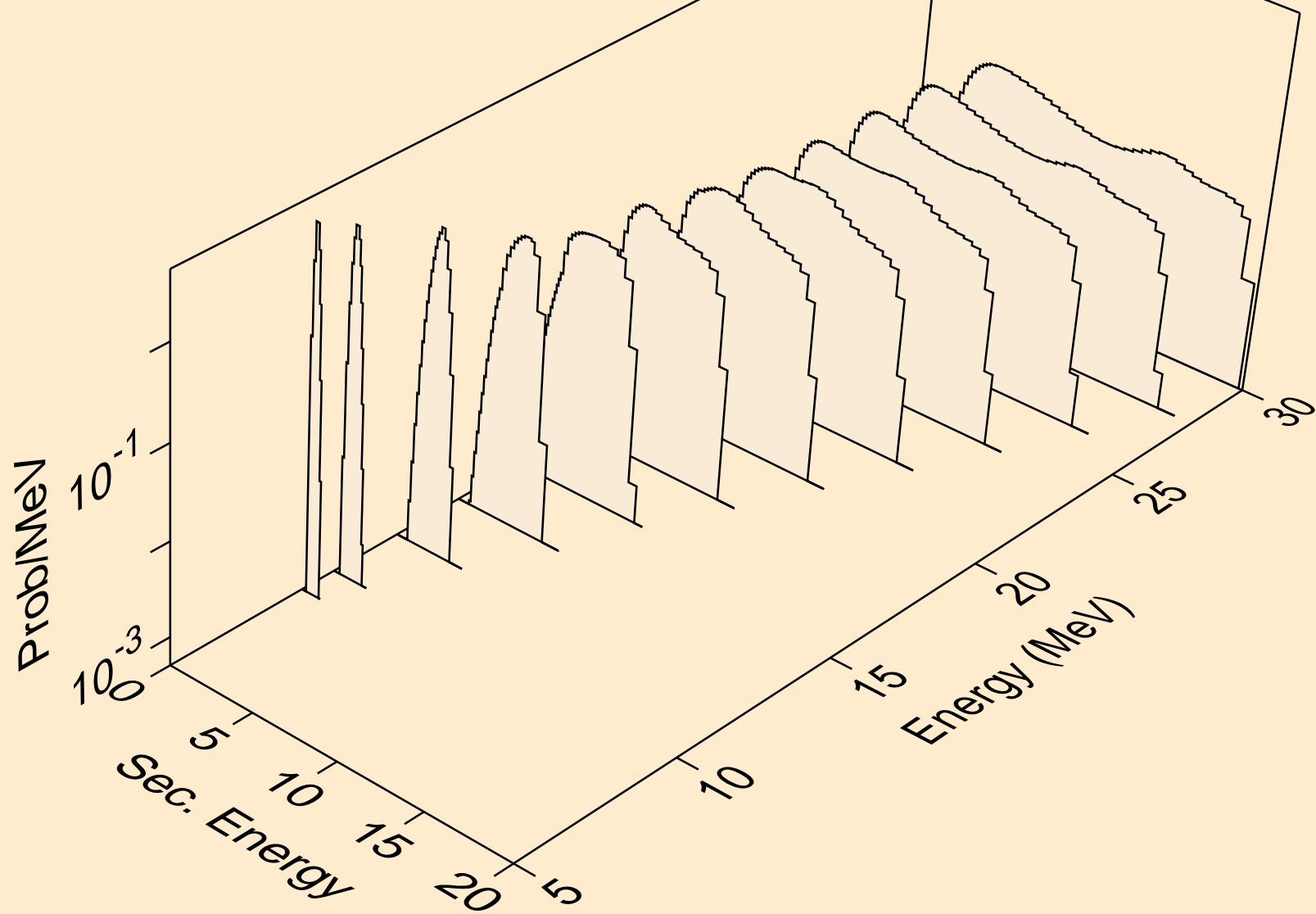
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



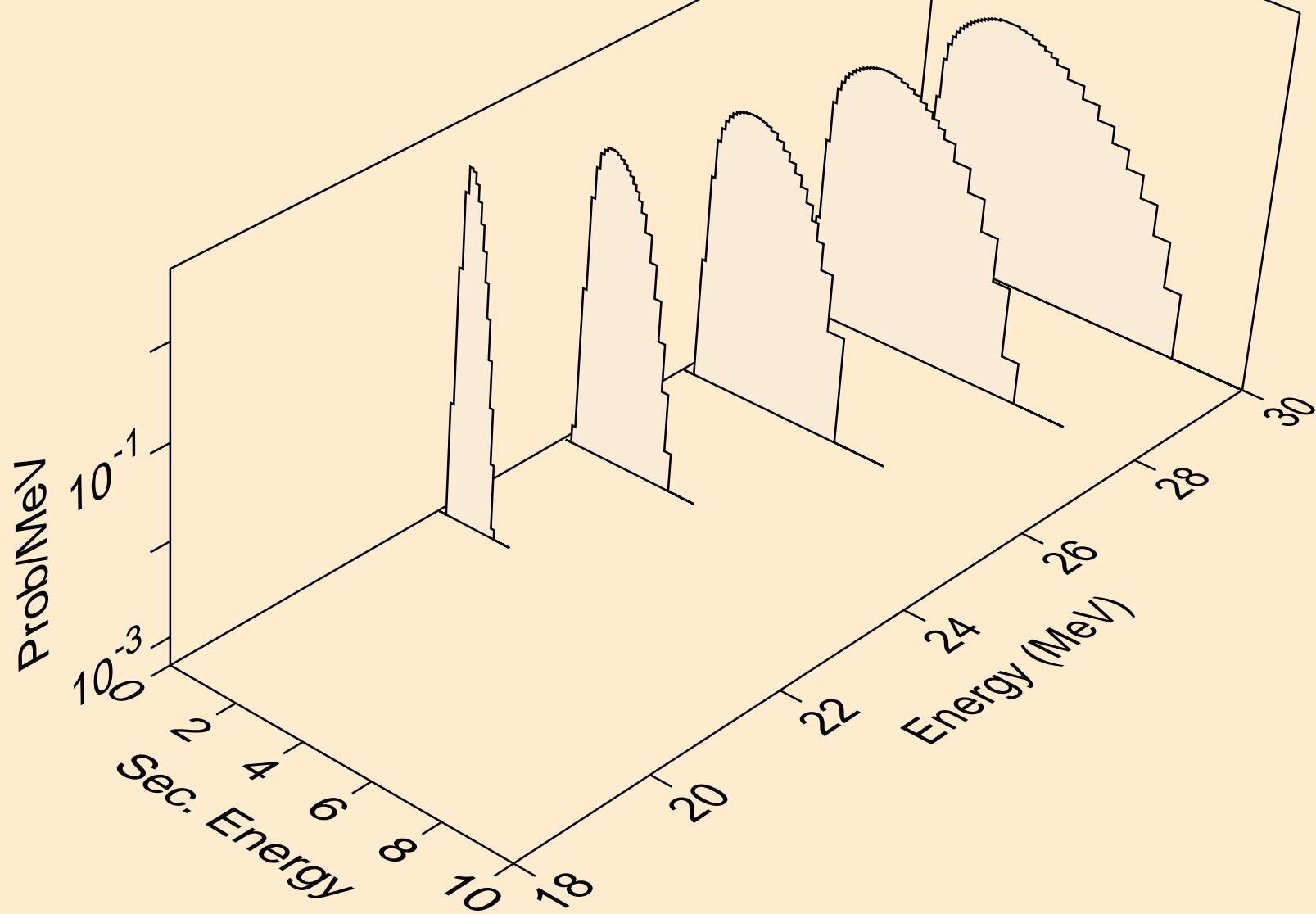
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



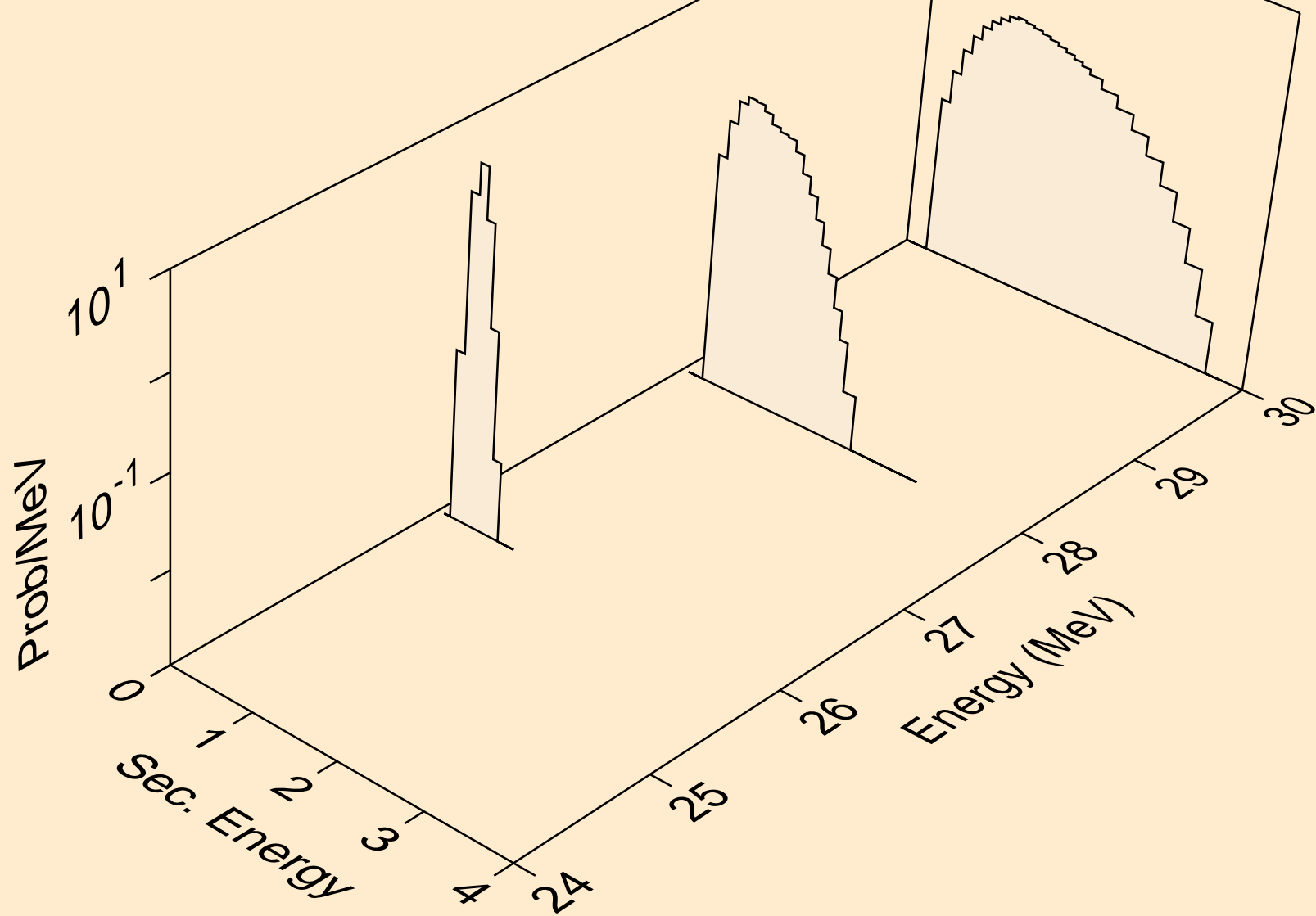
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



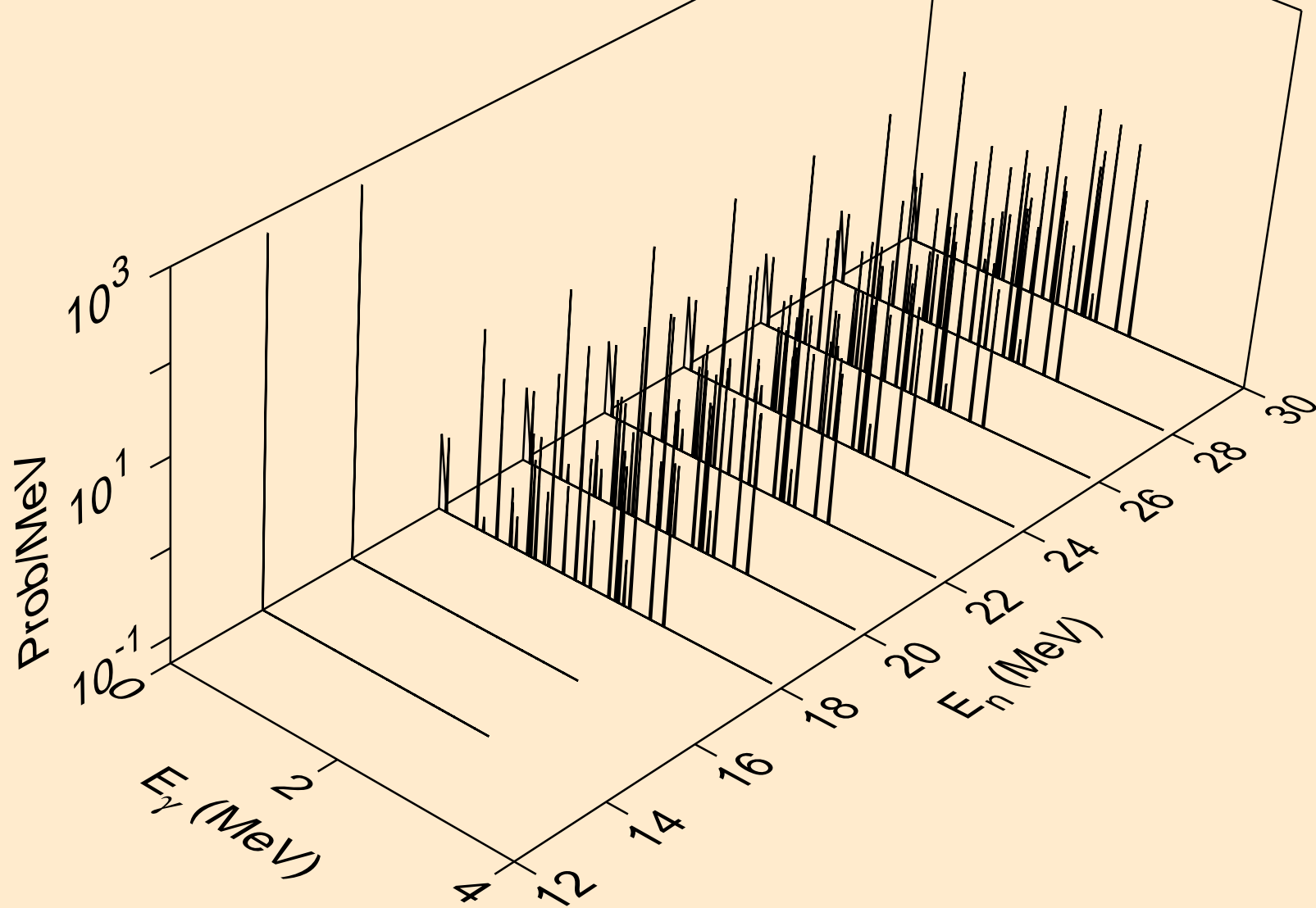
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



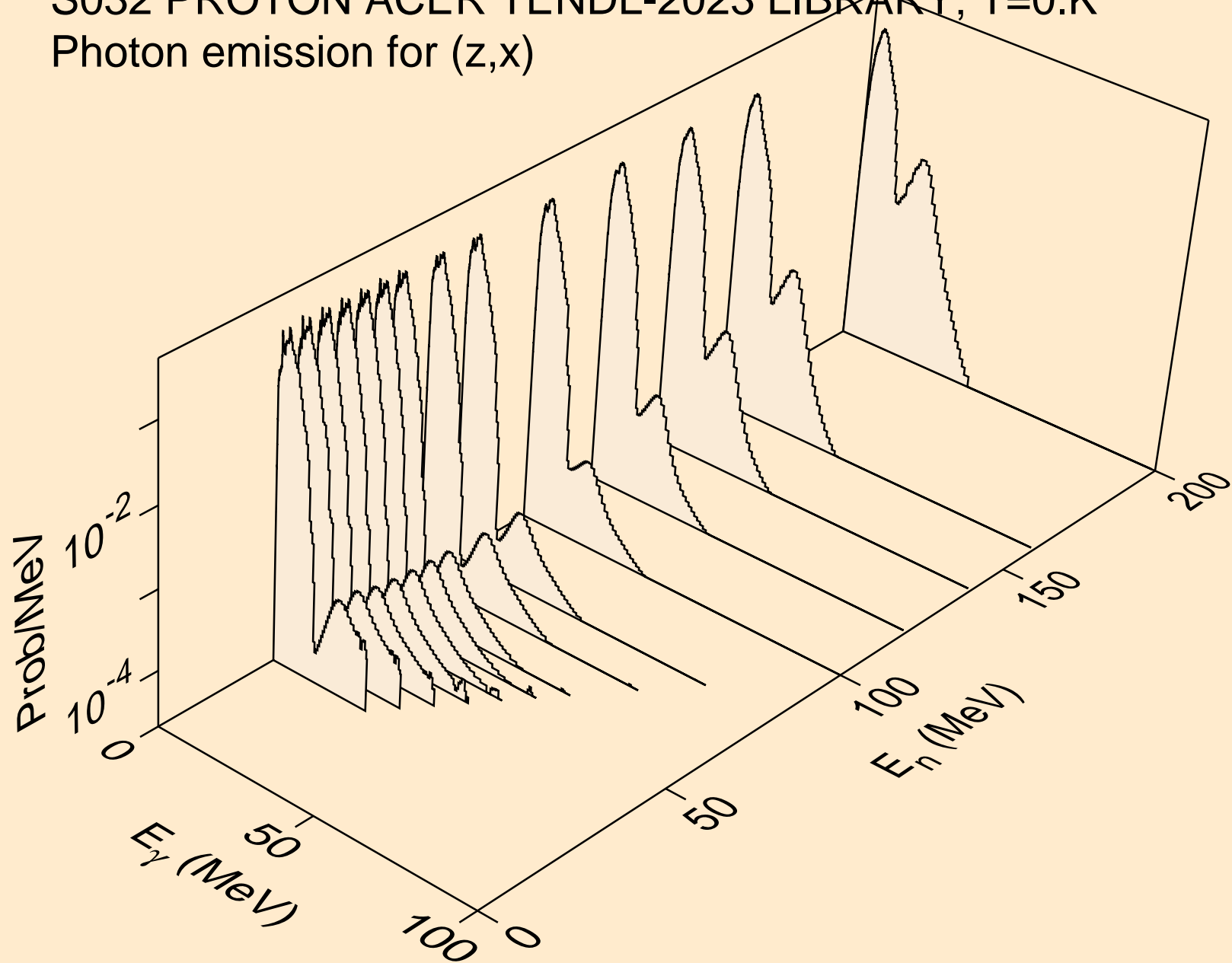
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

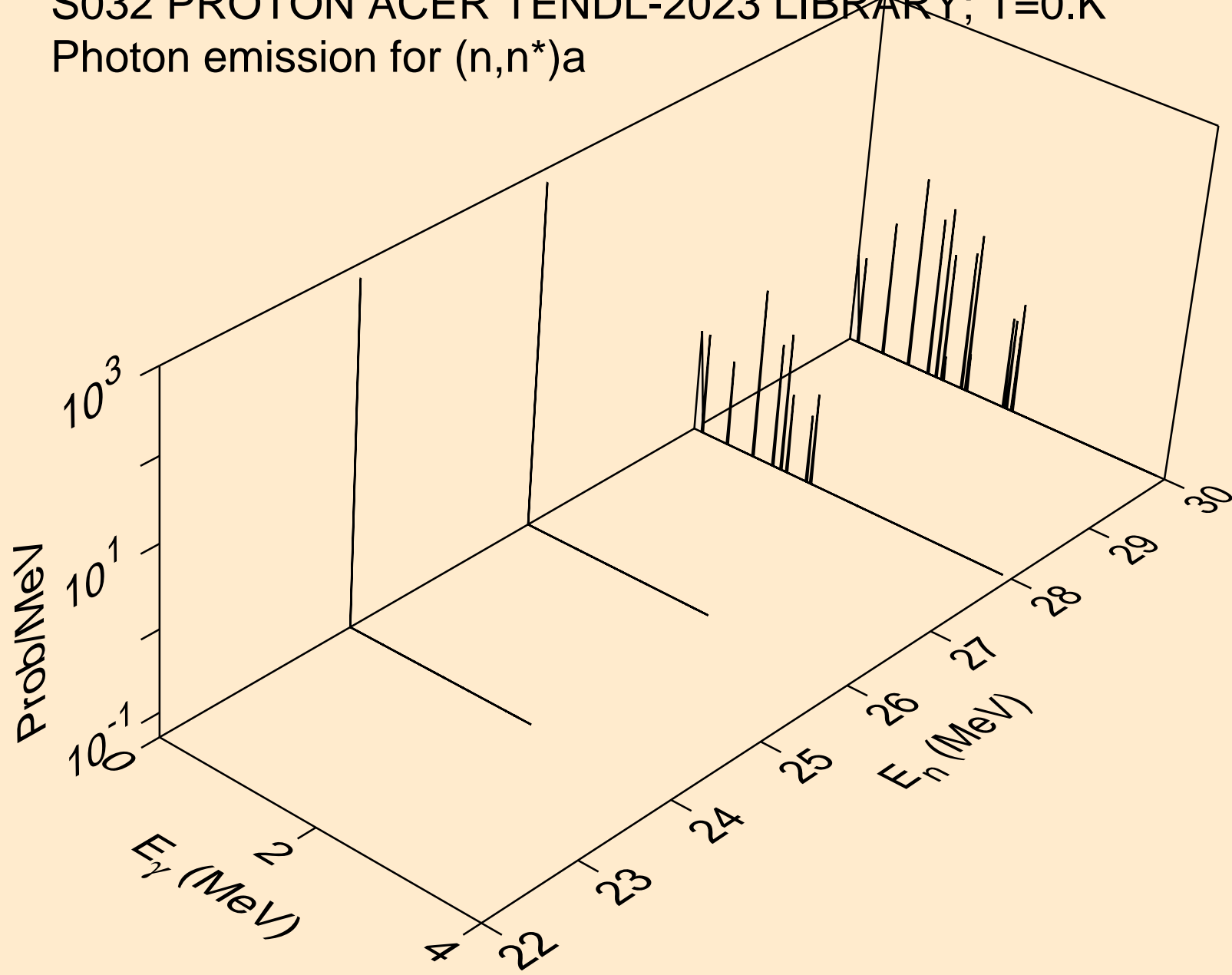


S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

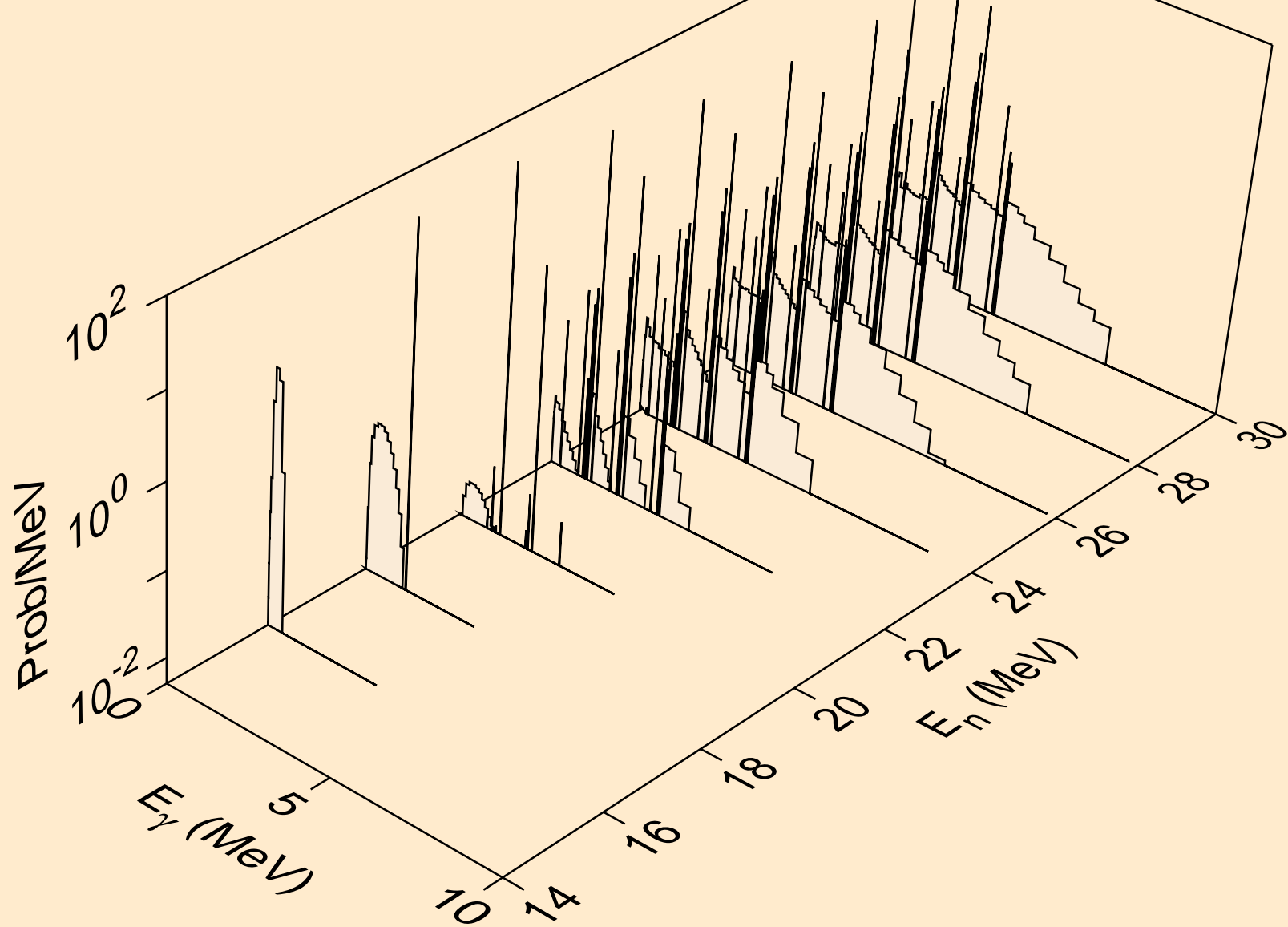




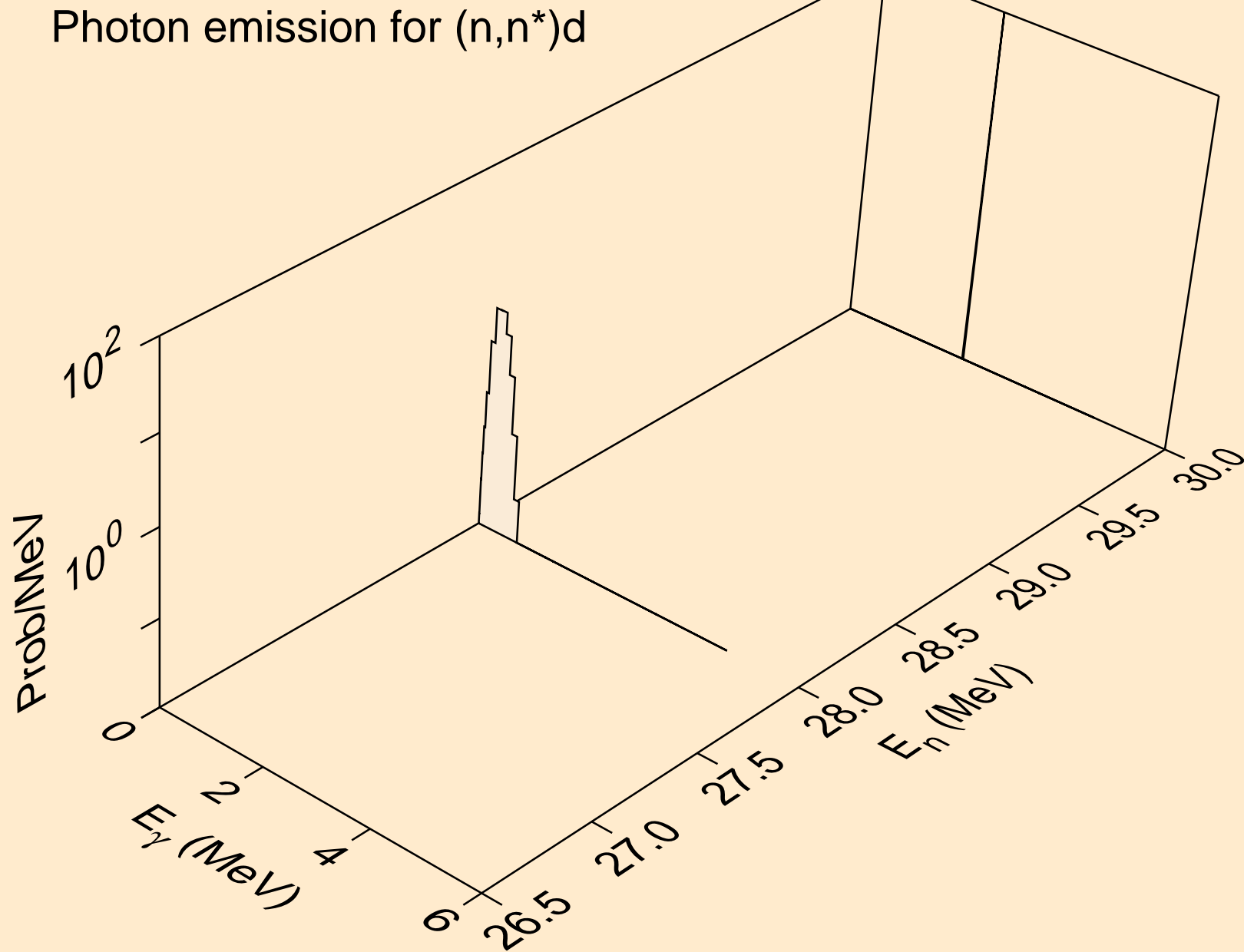
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



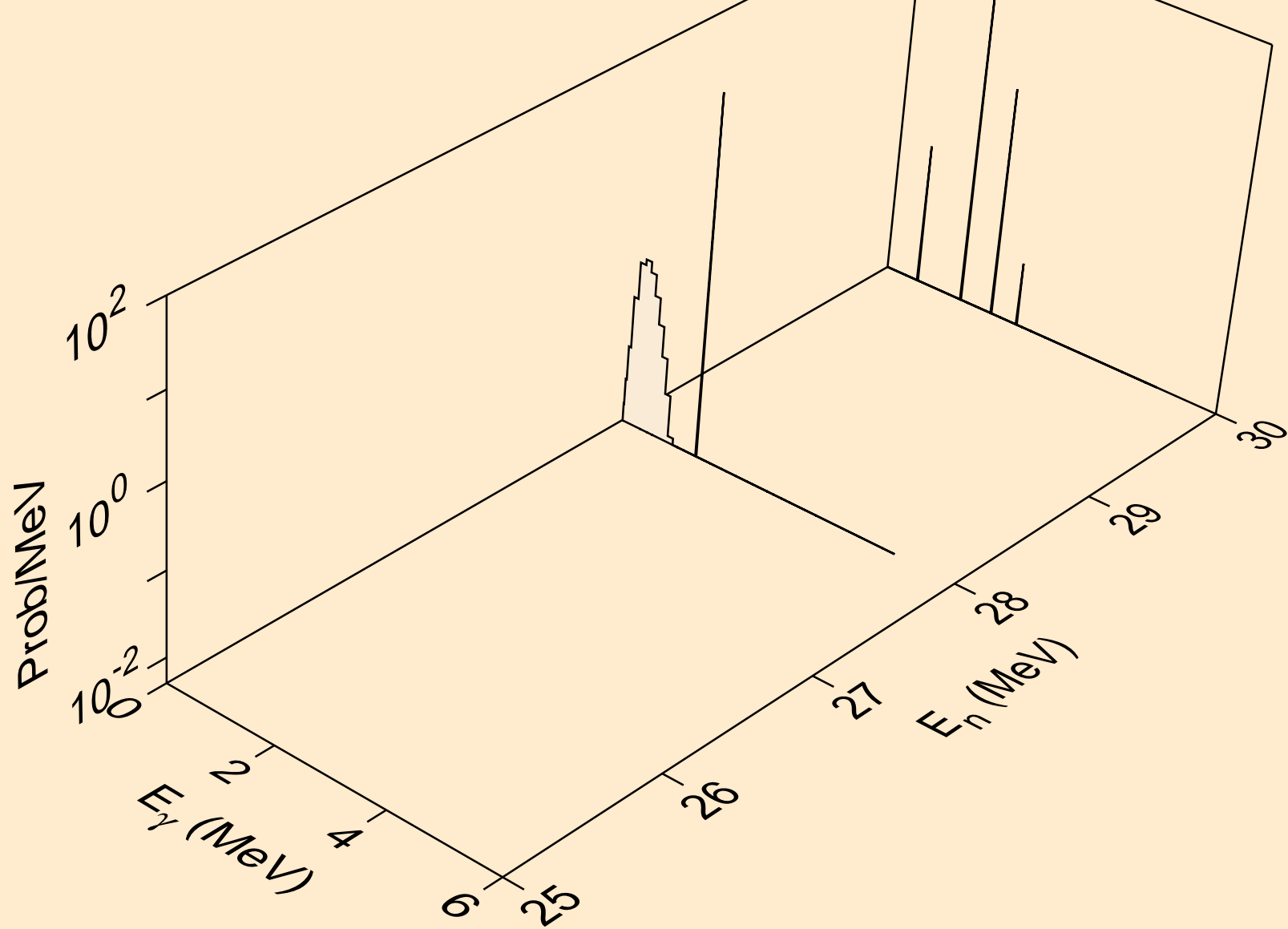
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



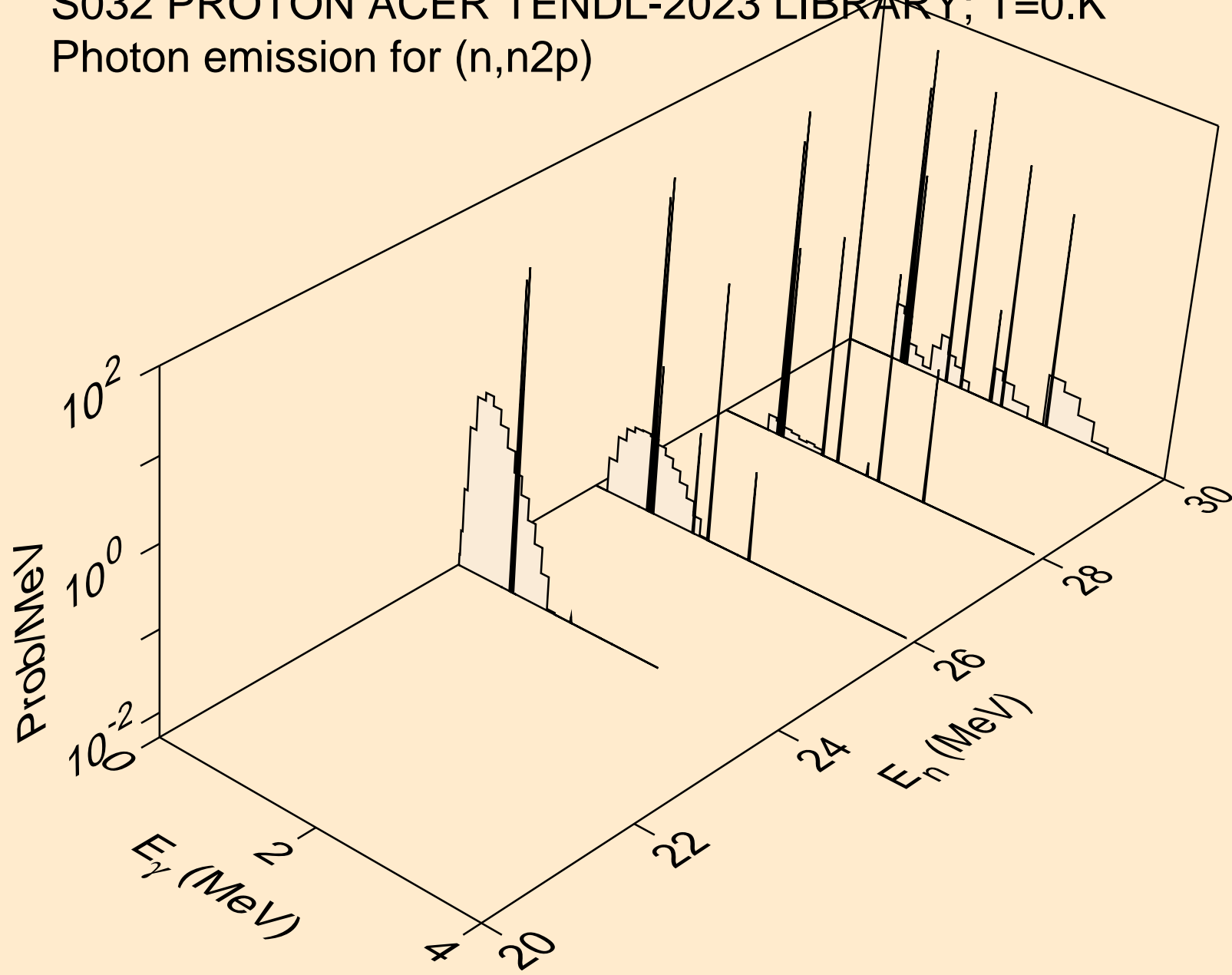
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



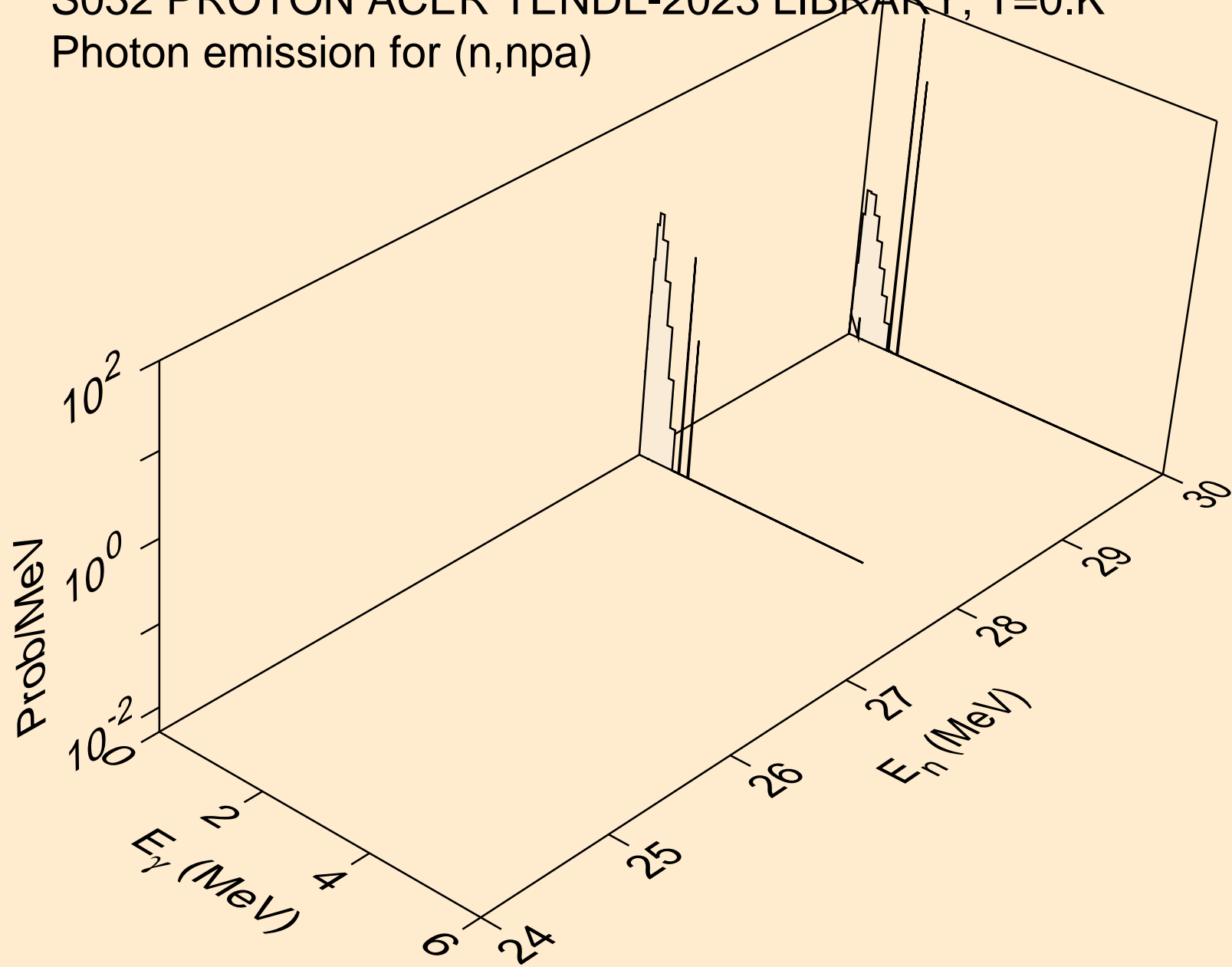
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



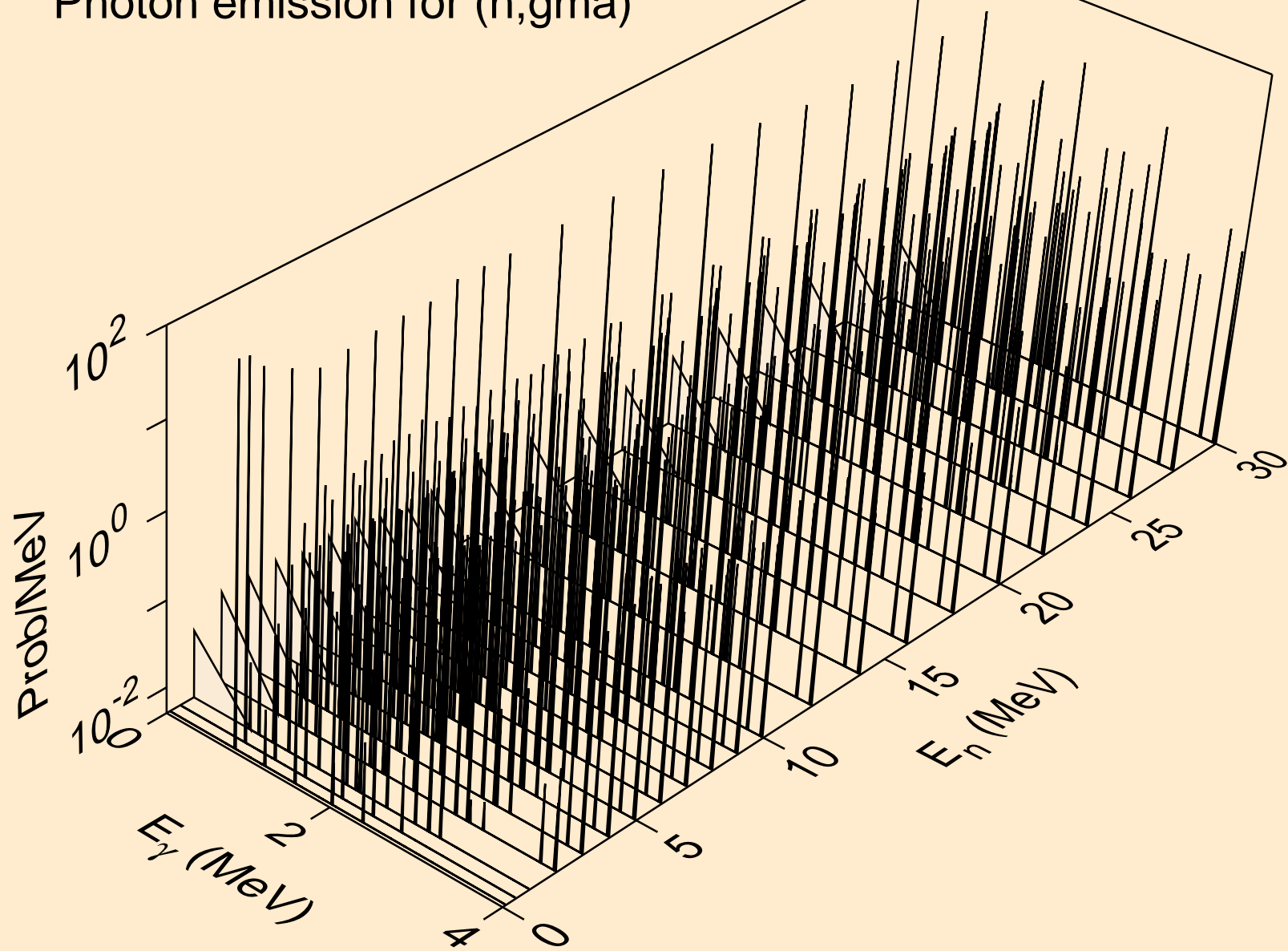
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



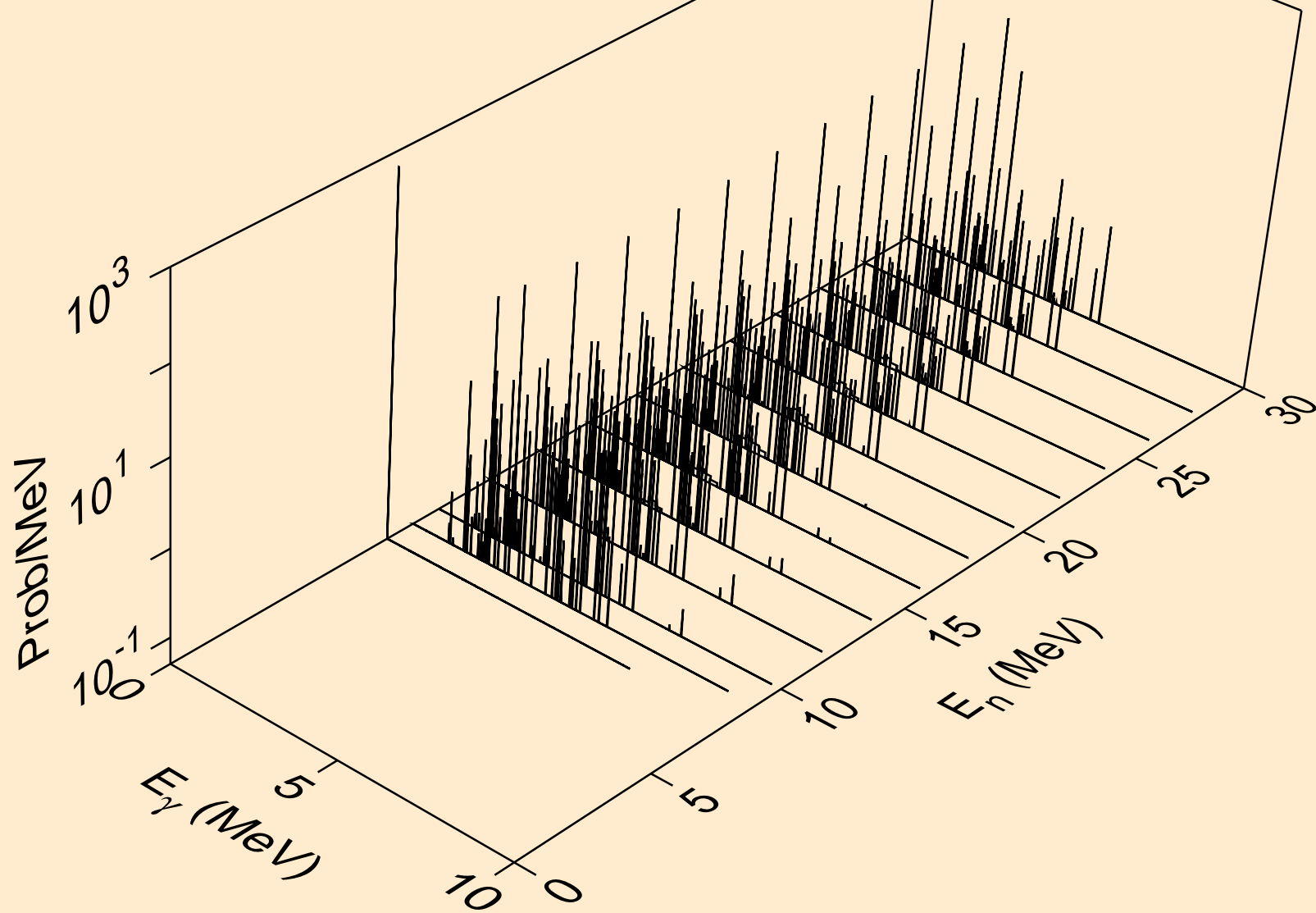
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

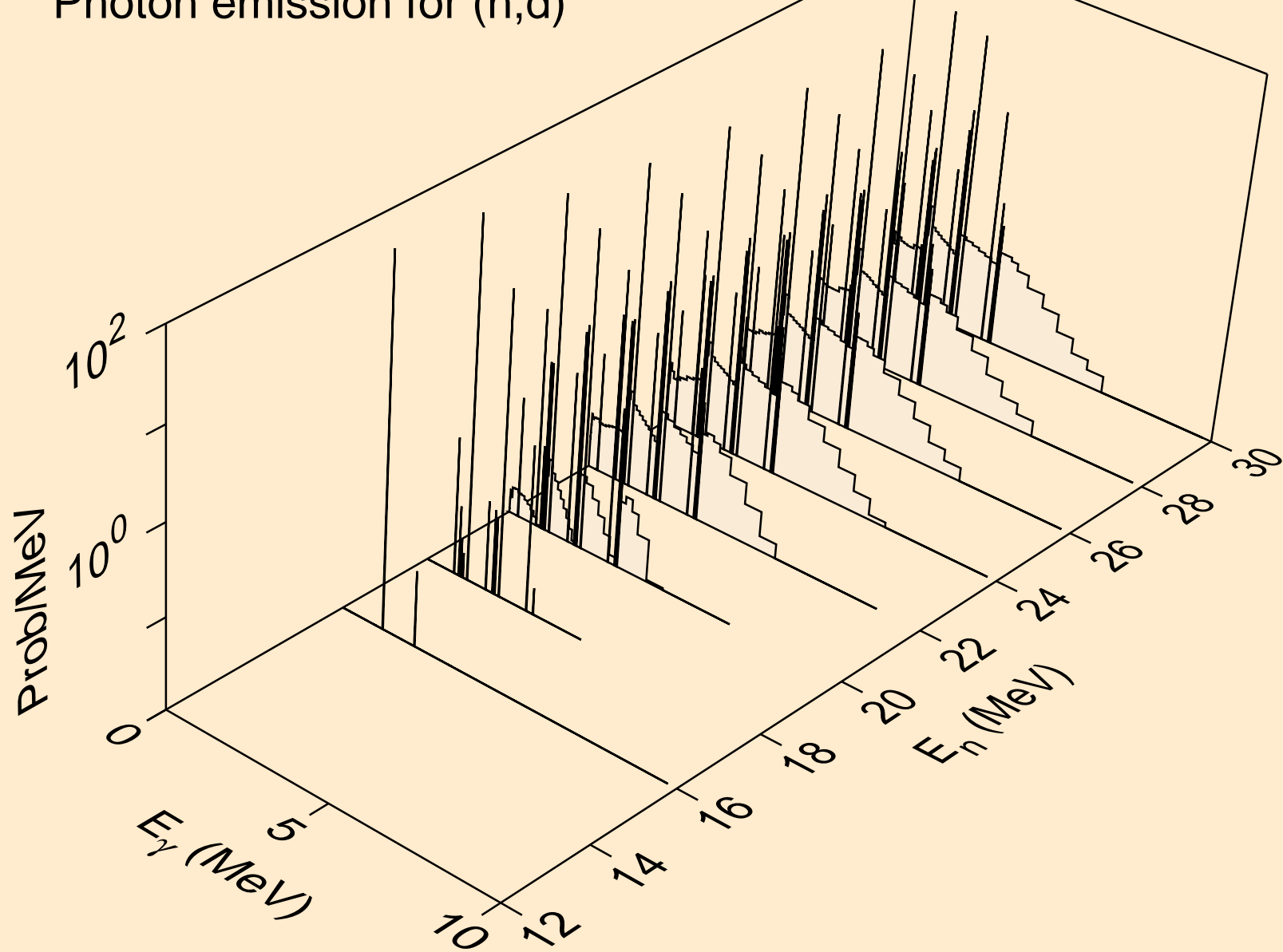


S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

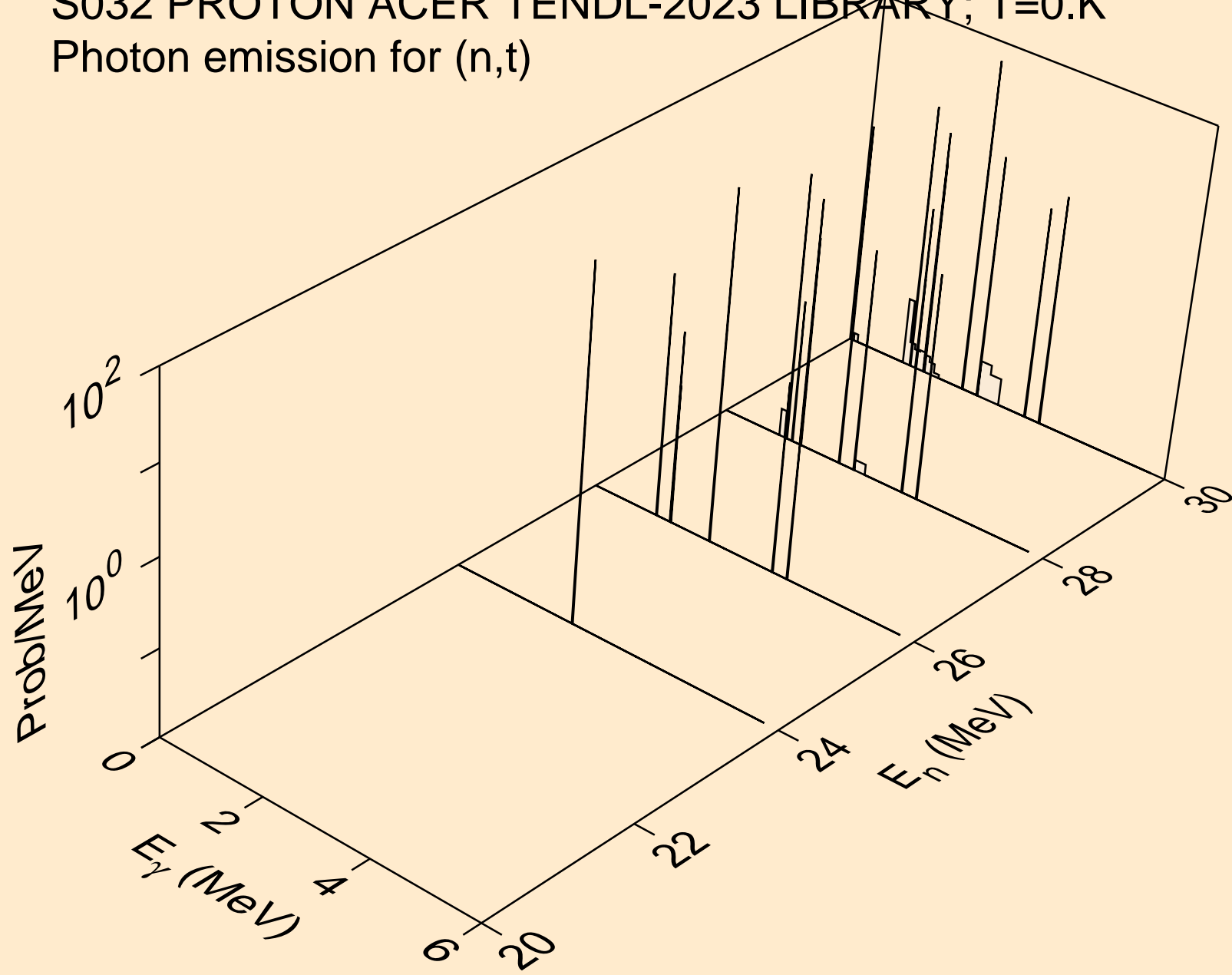




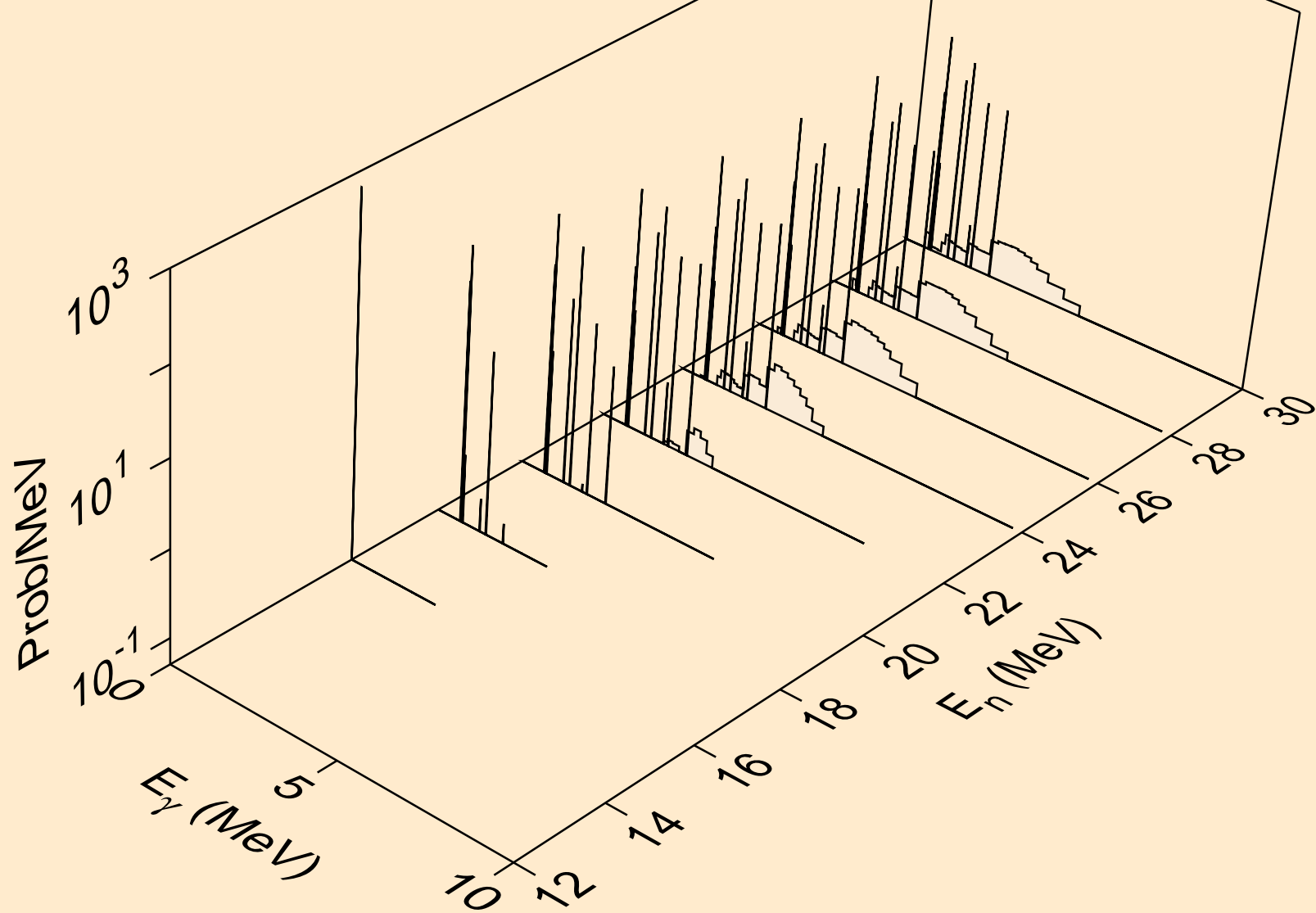
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Photon emission for (n,d)



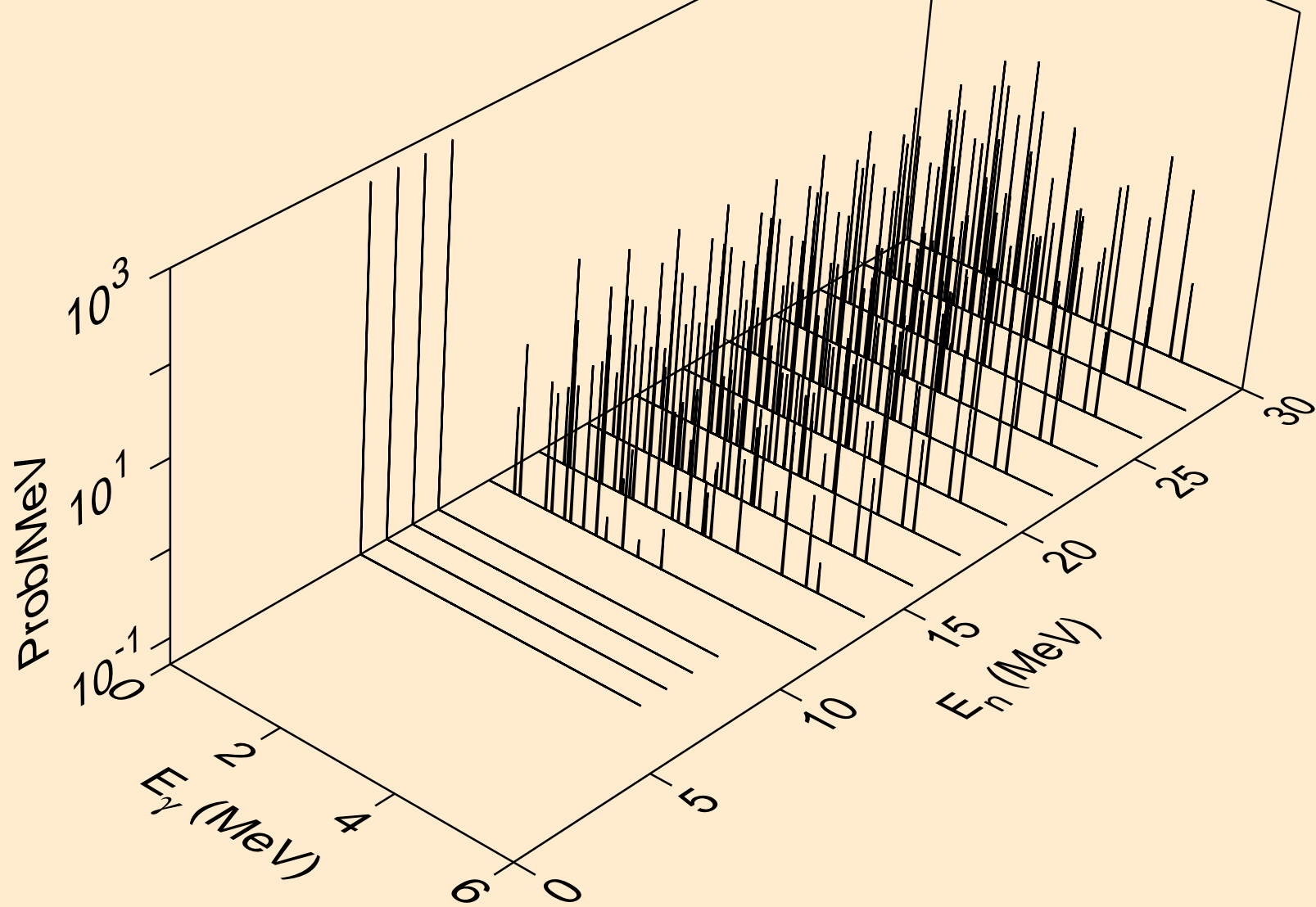
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Photon emission for (n,t)



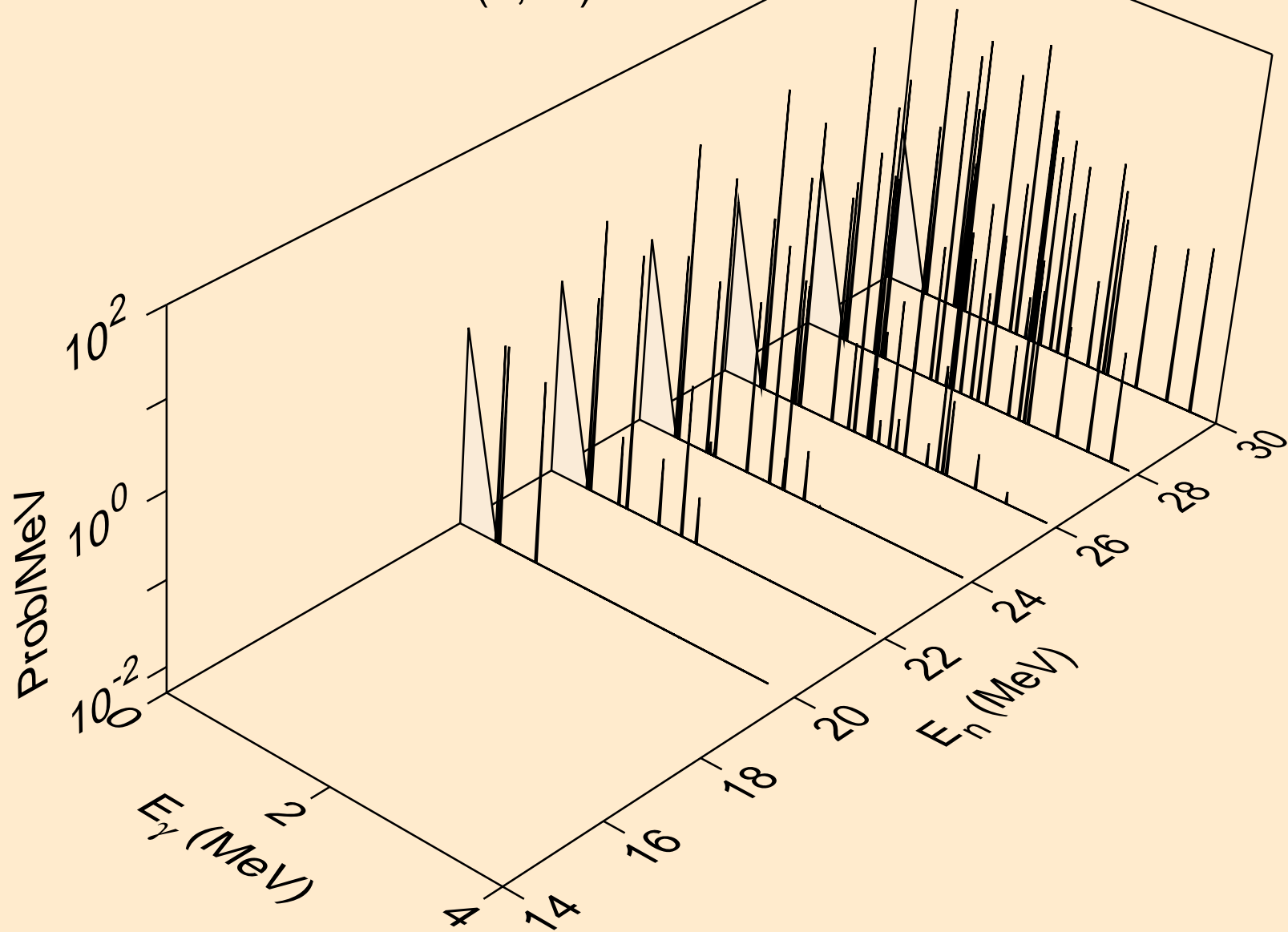
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Photon emission for (n,he3)



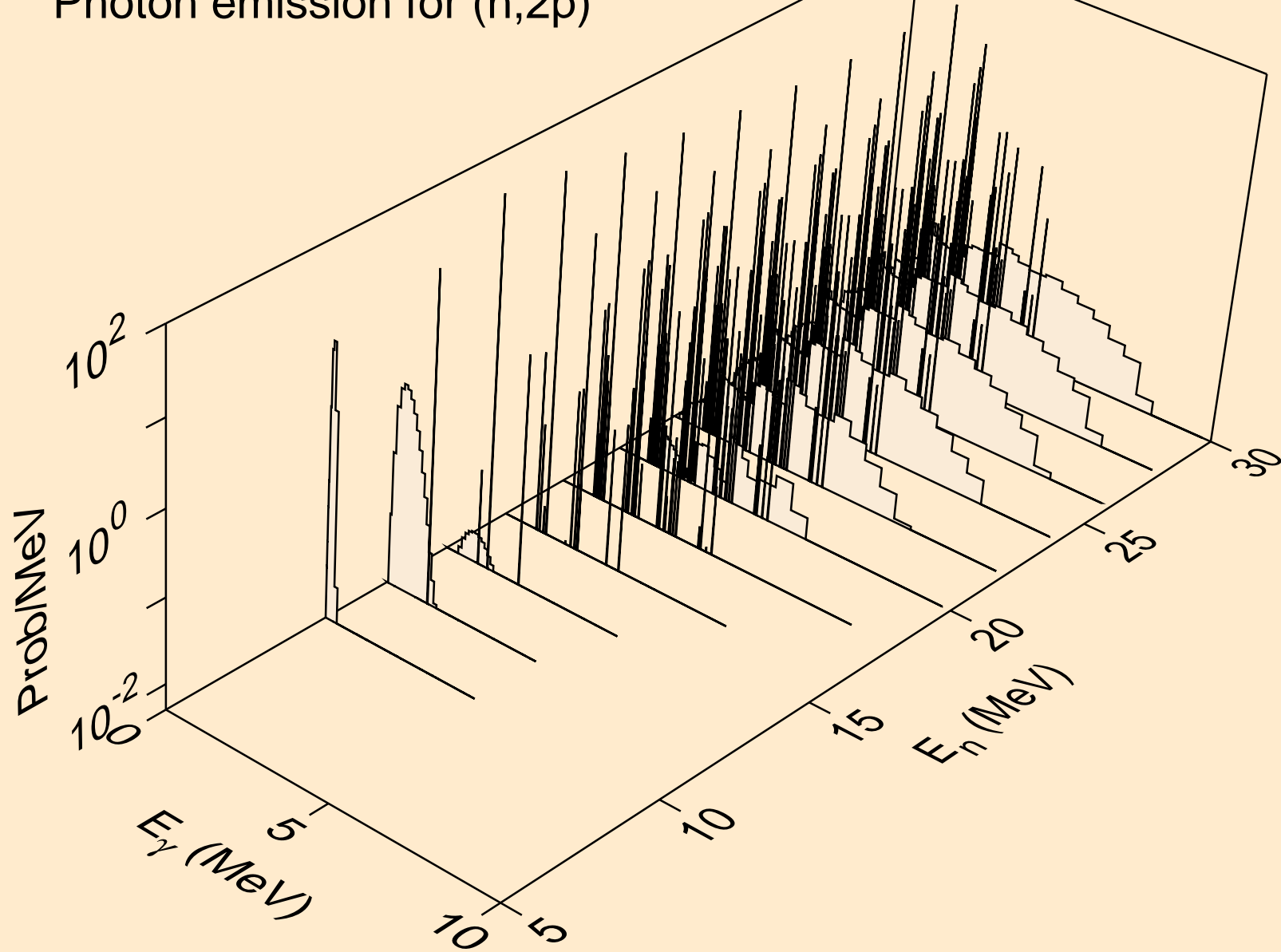
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Photon emission for (n,a)



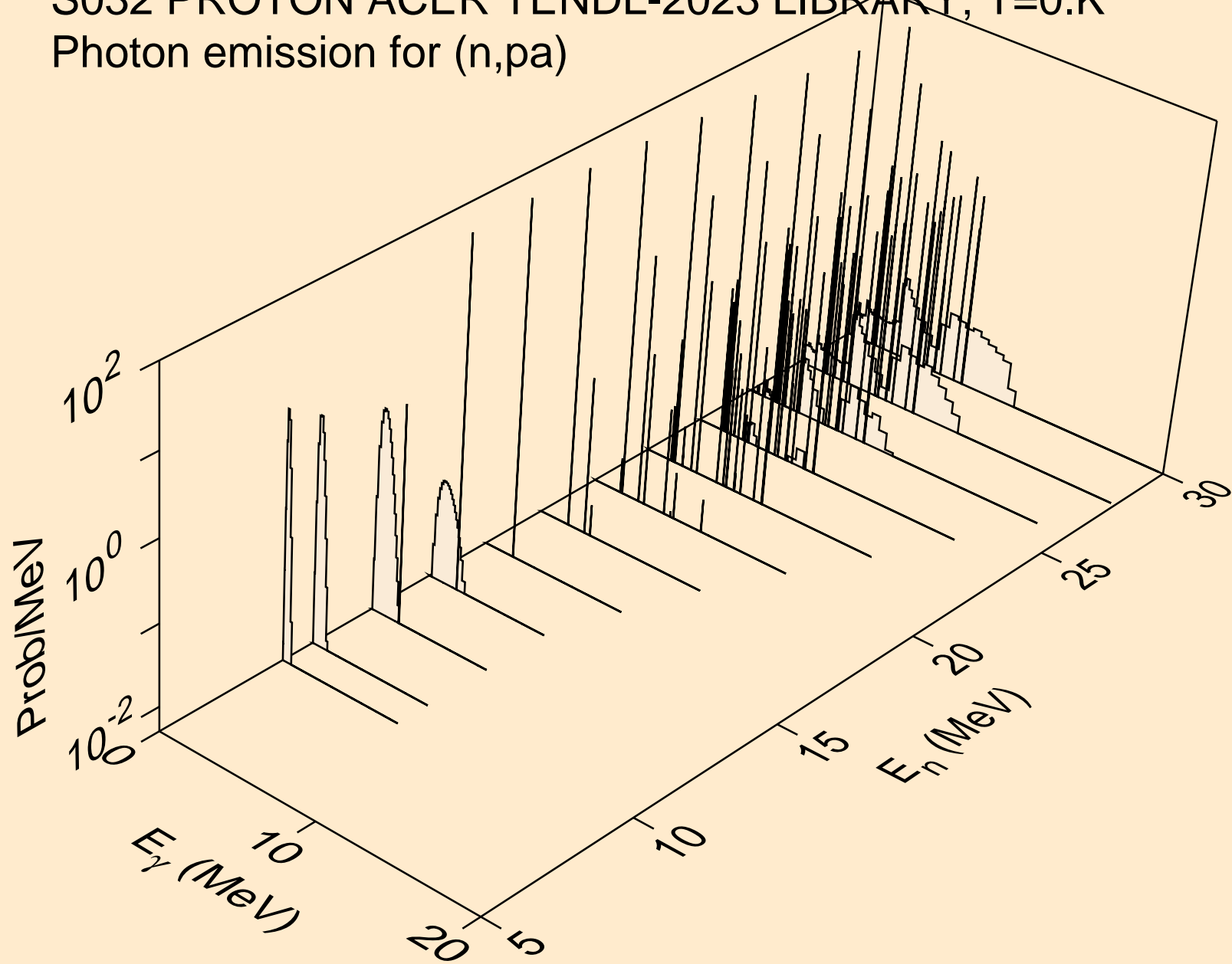
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Photon emission for (n,2a)



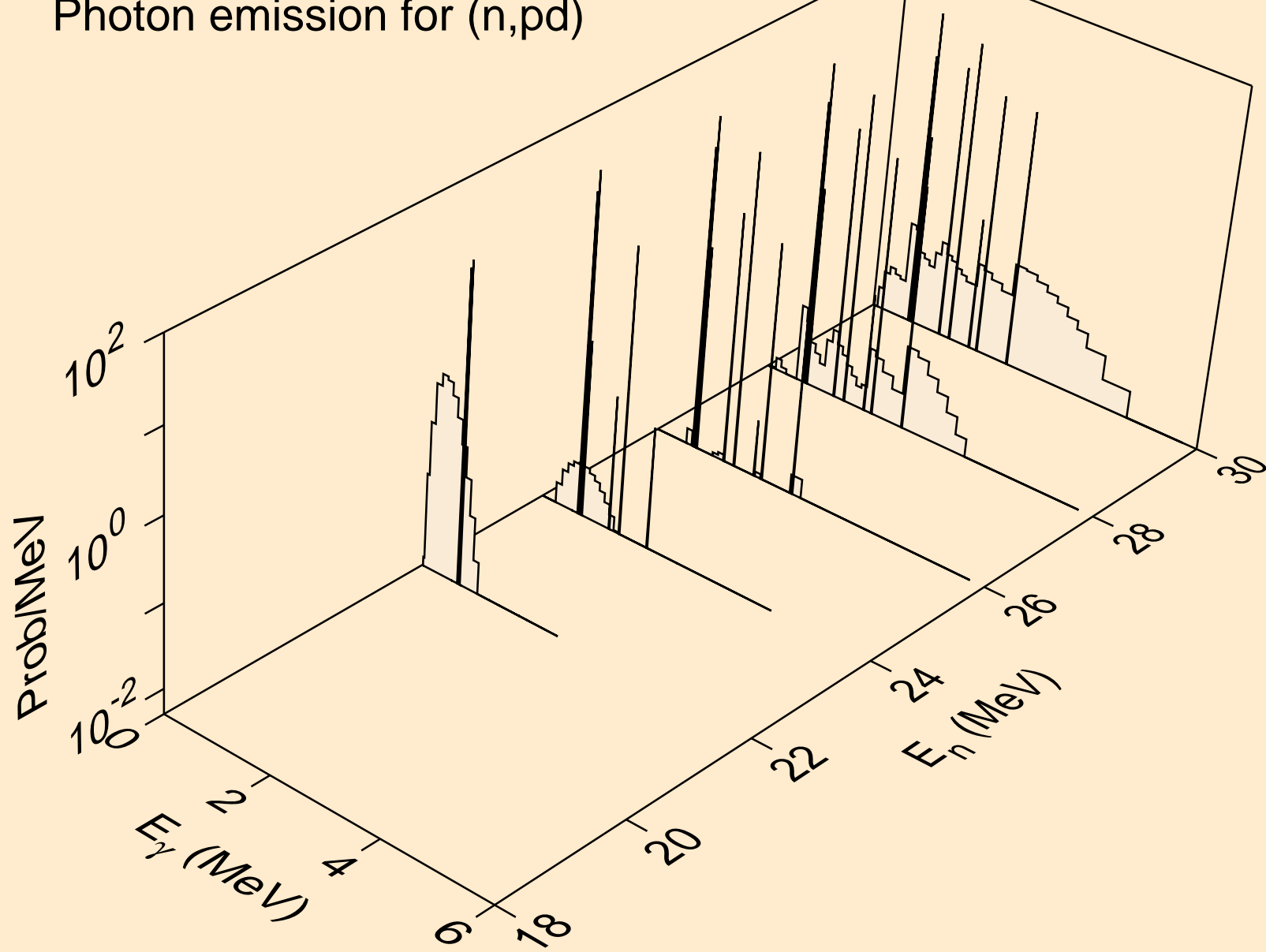
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

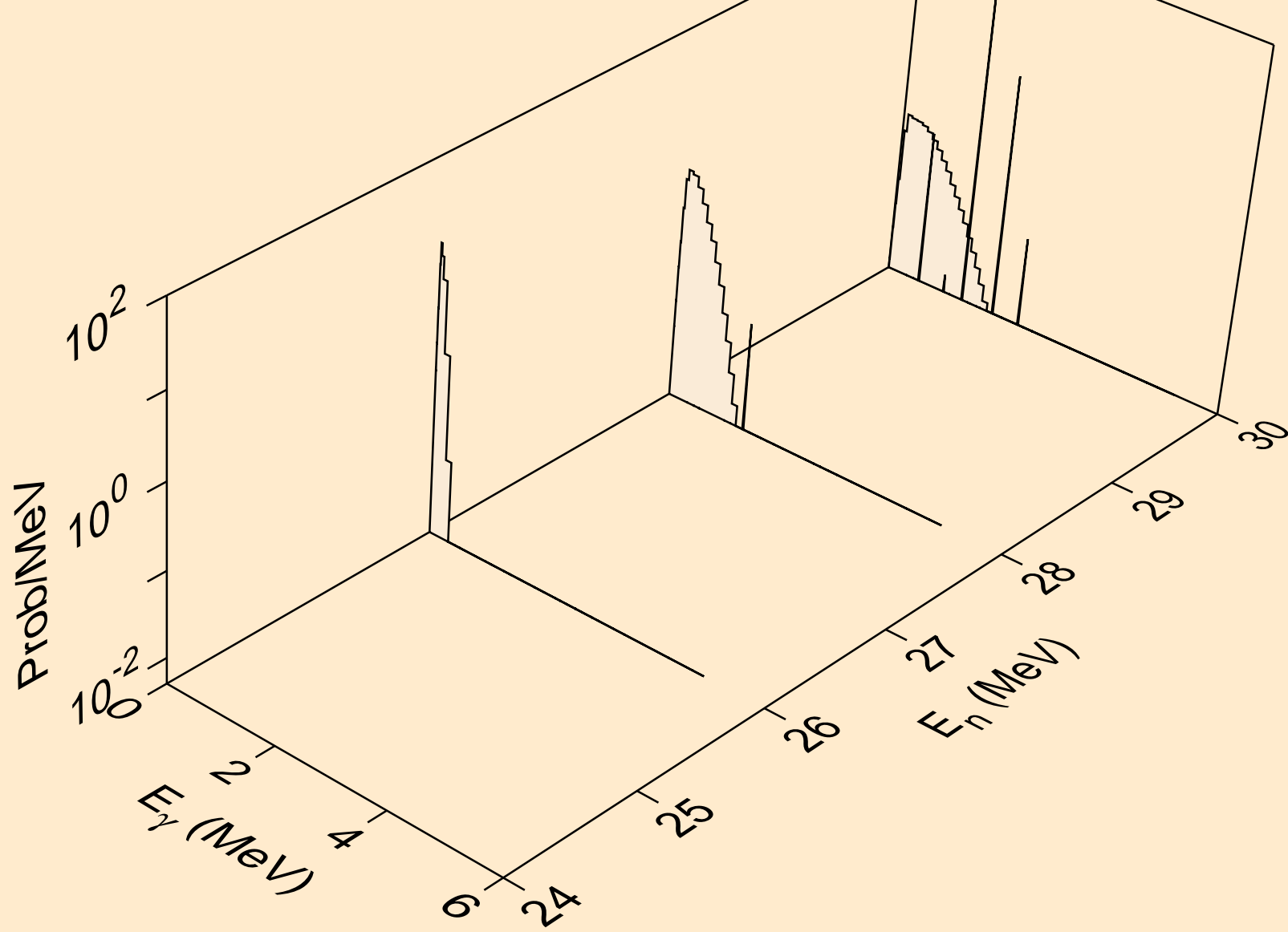


S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

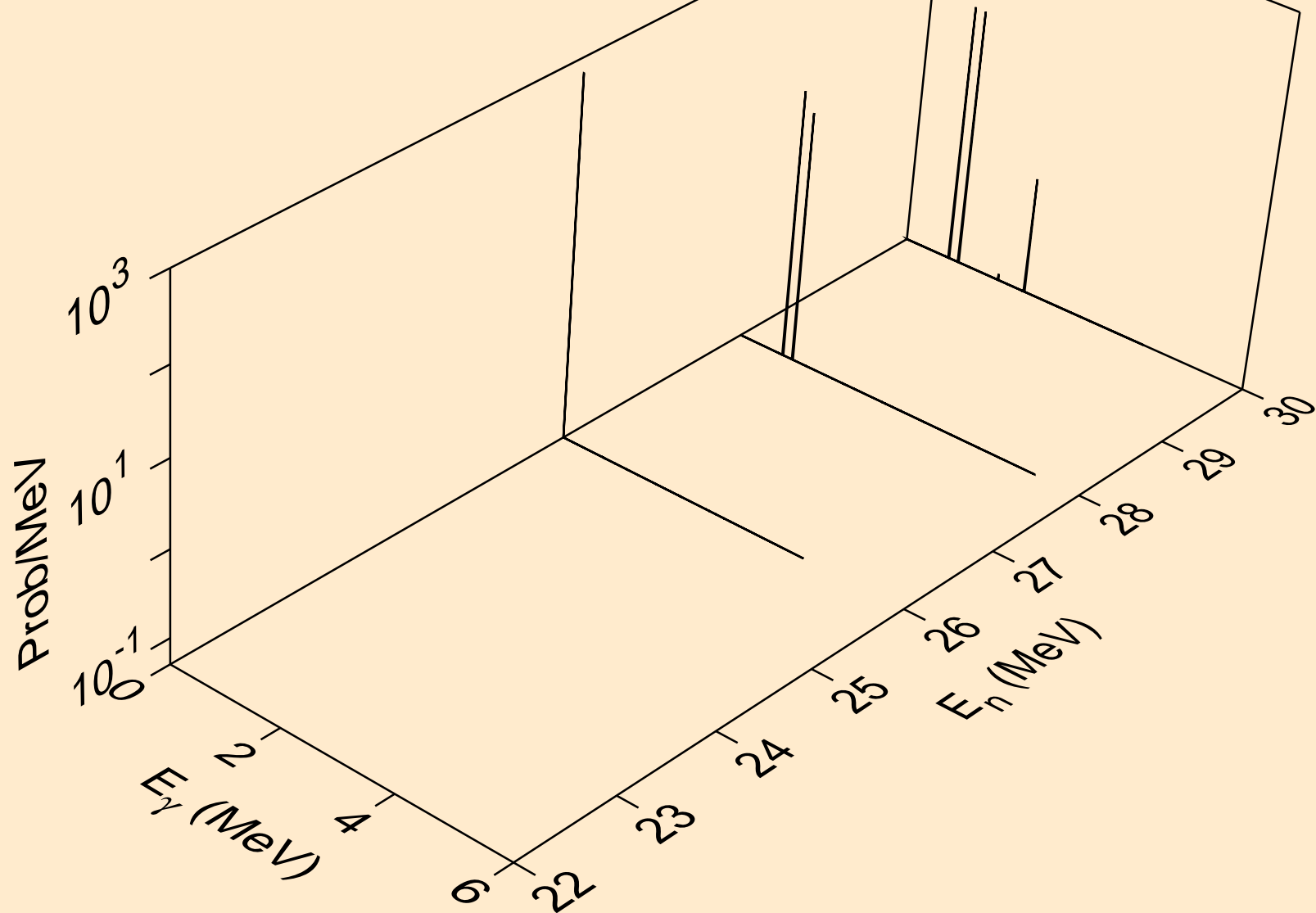




S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

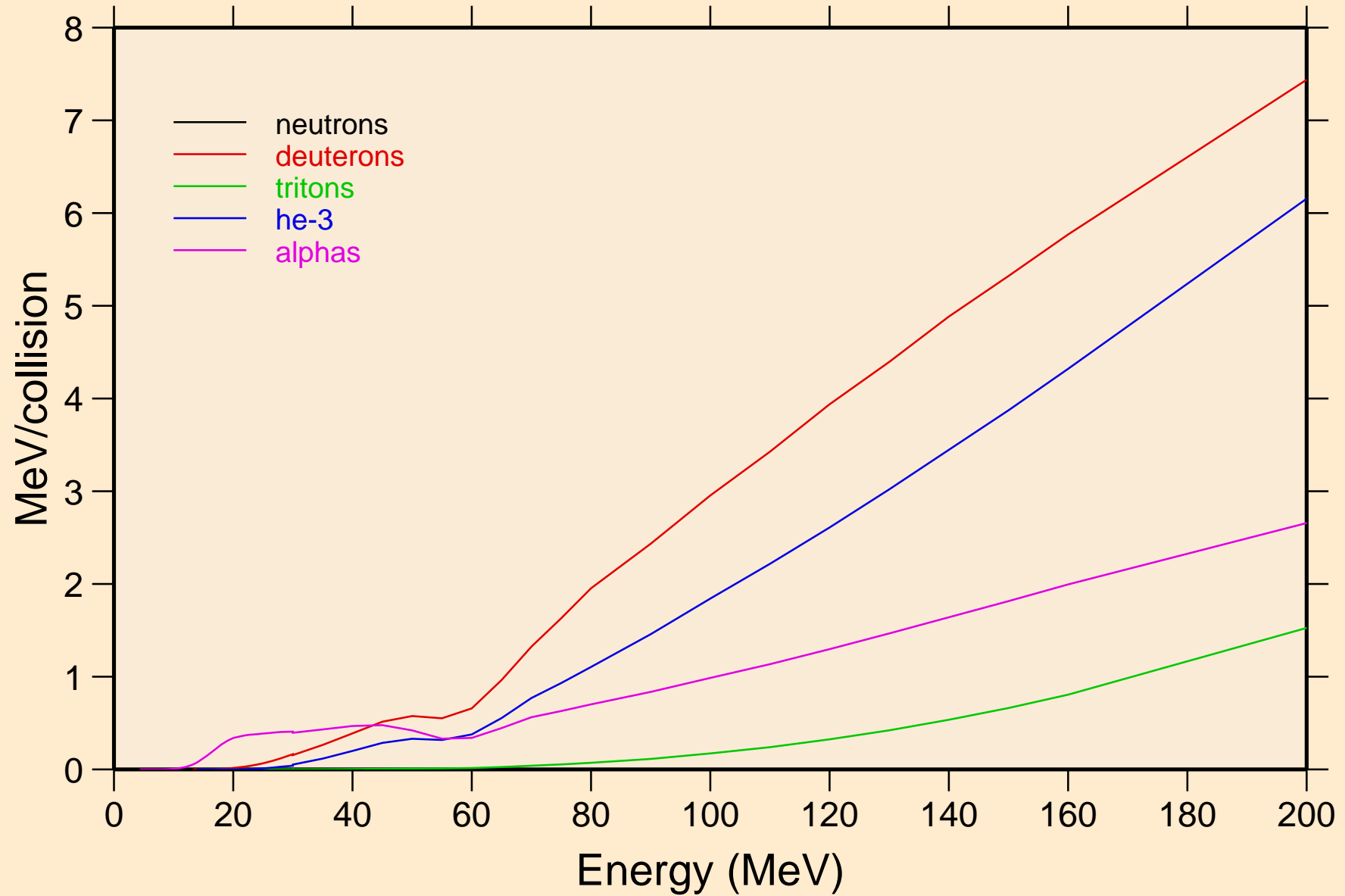


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Photon emission for (n,da)

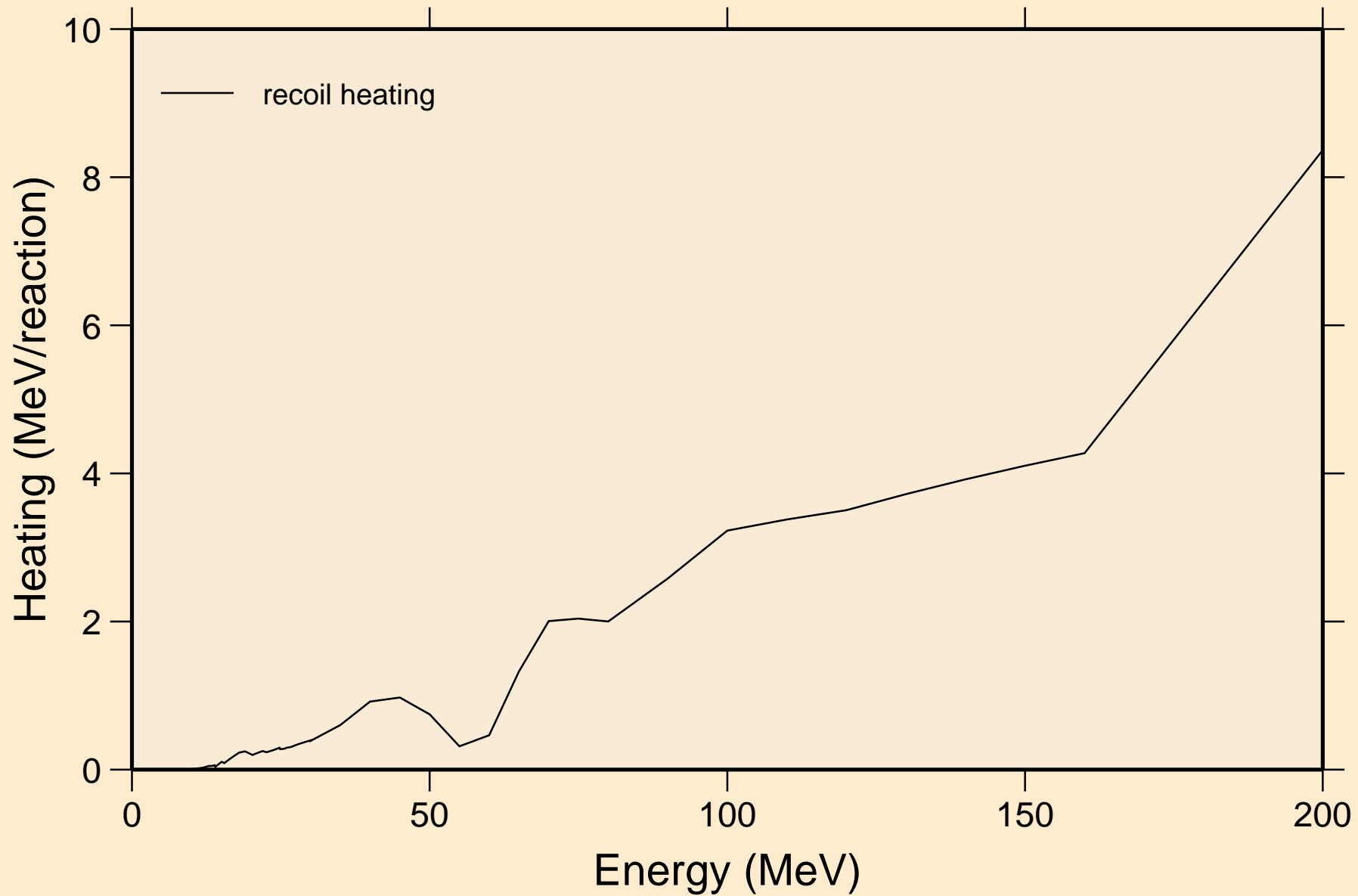


# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

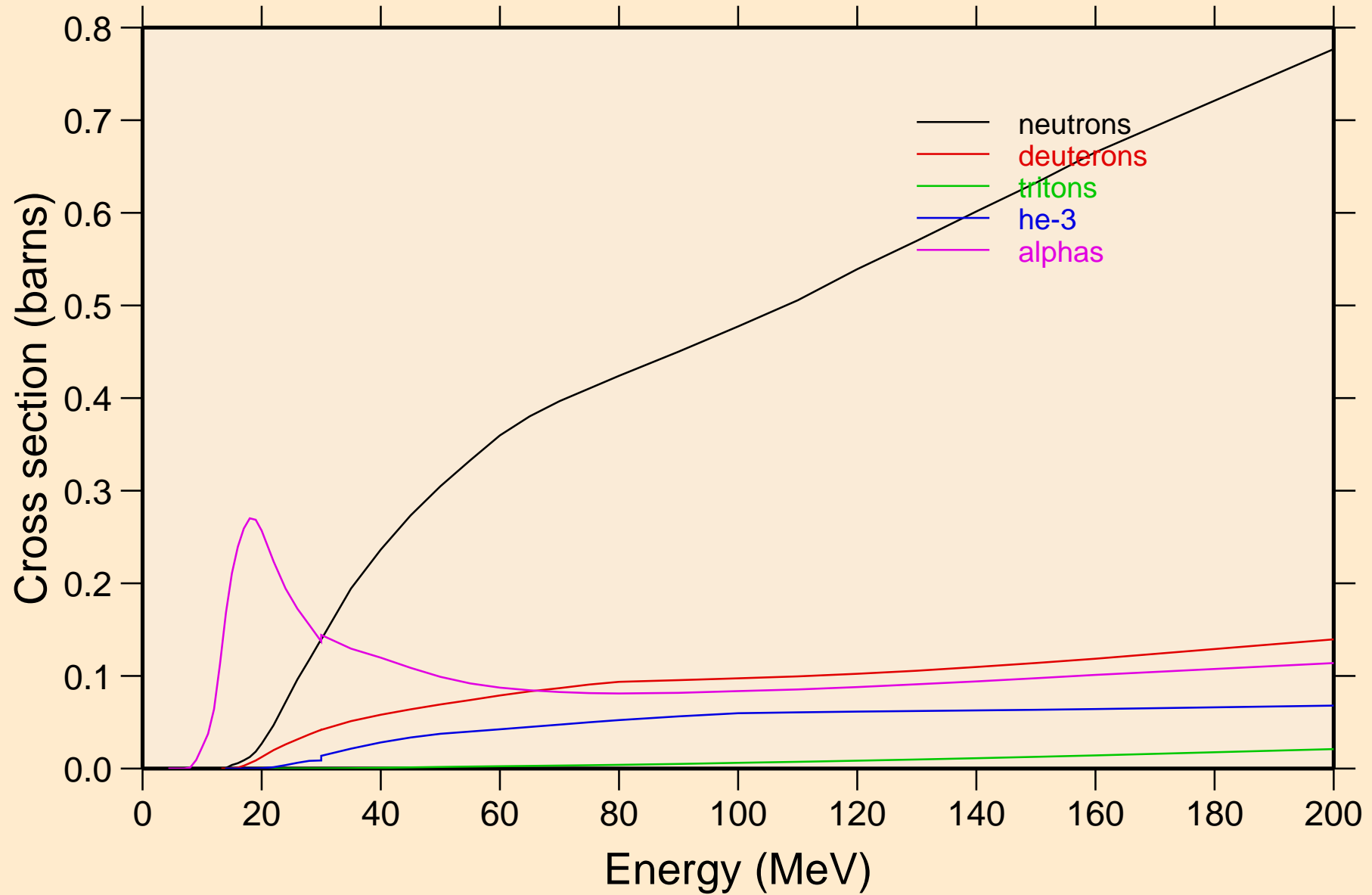


S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

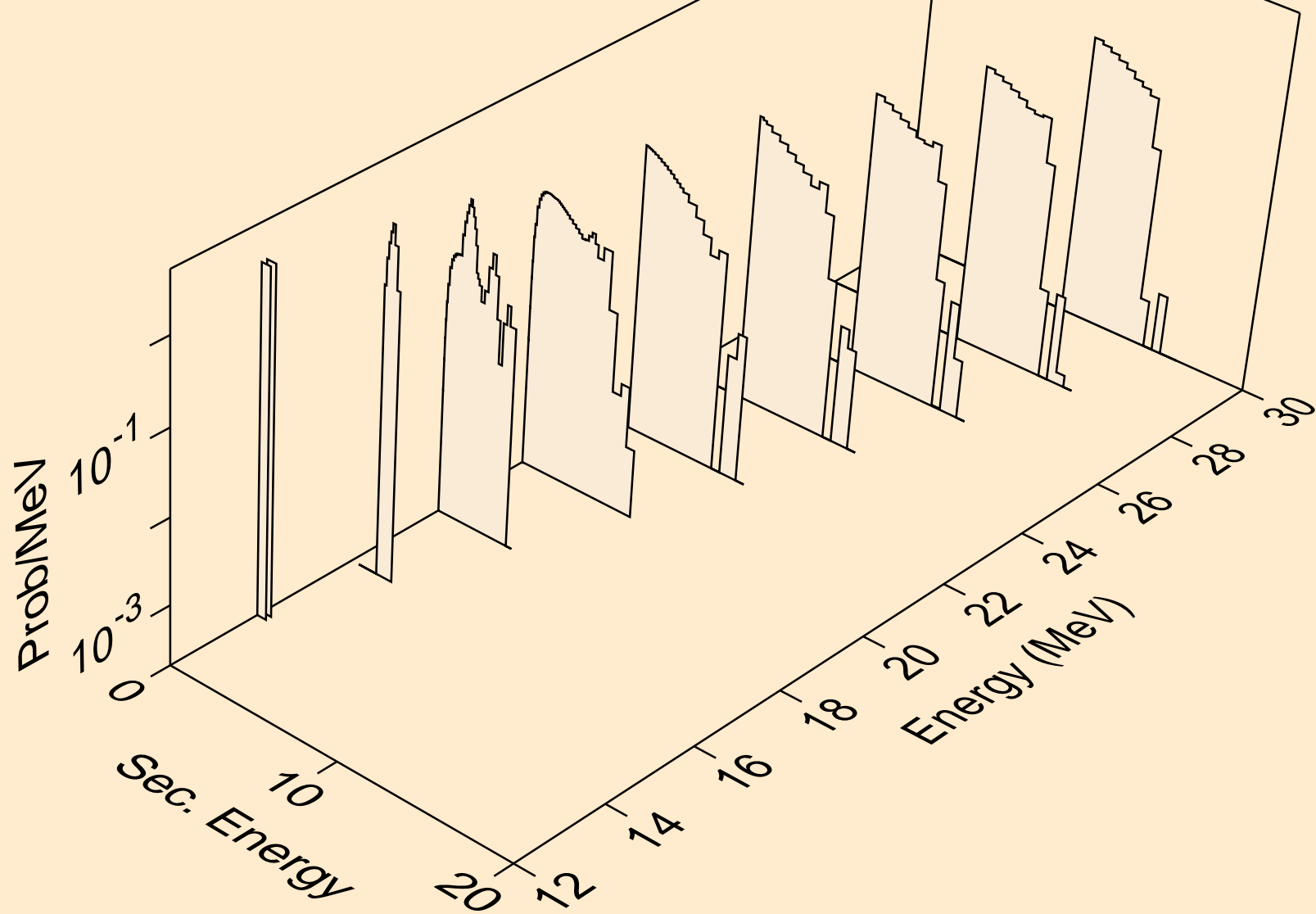


# S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K

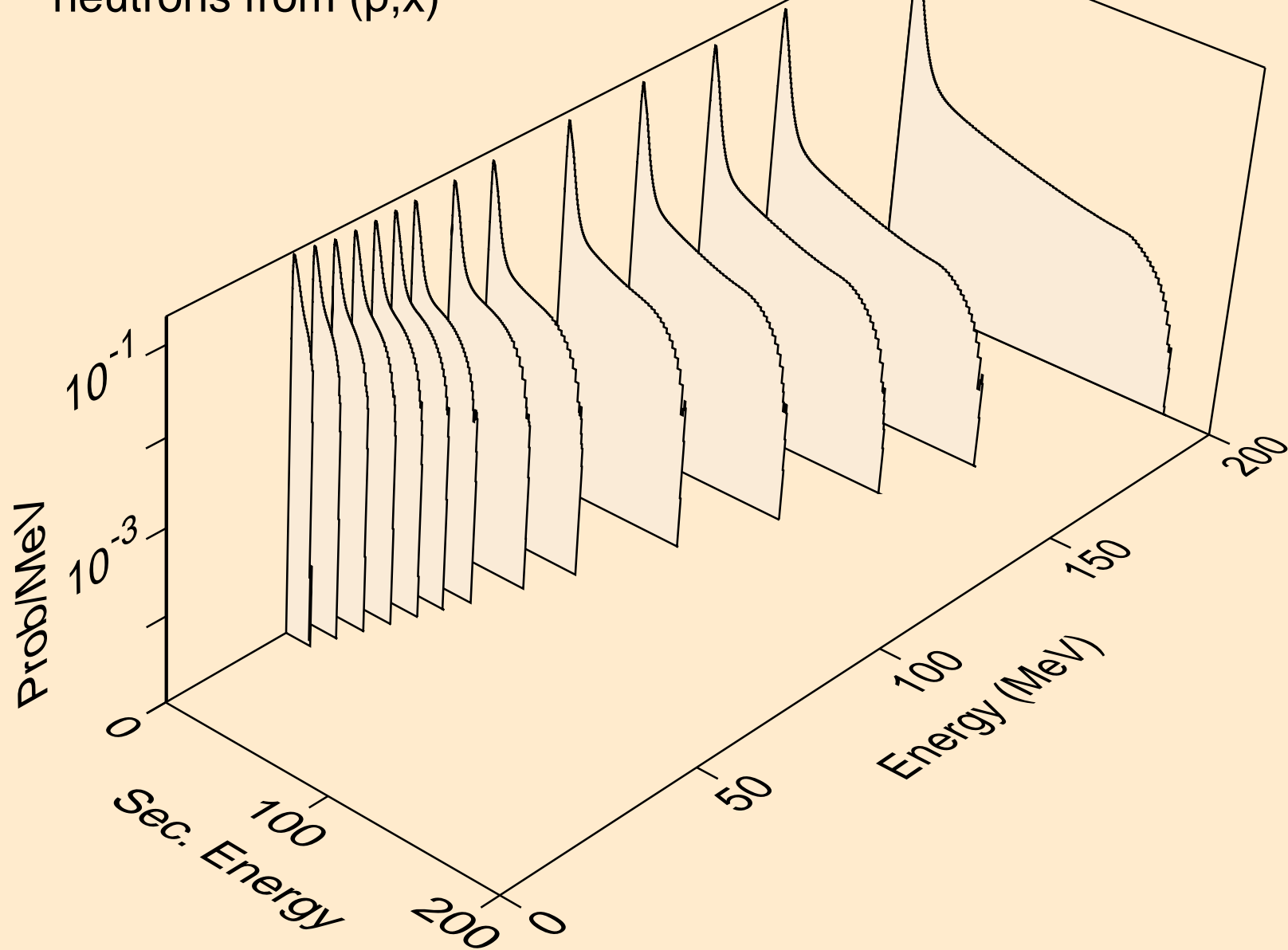
## Particle production cross sections



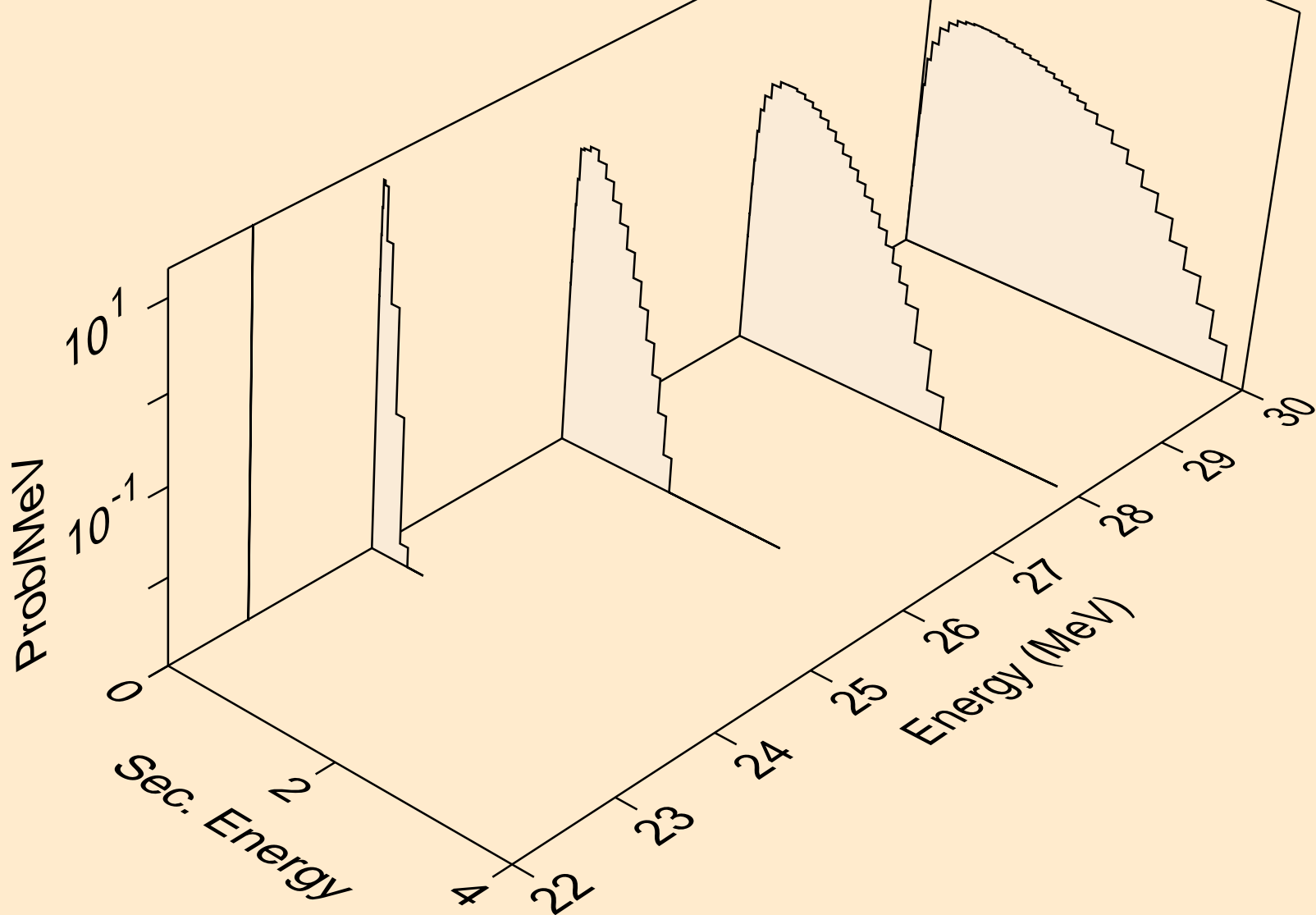
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

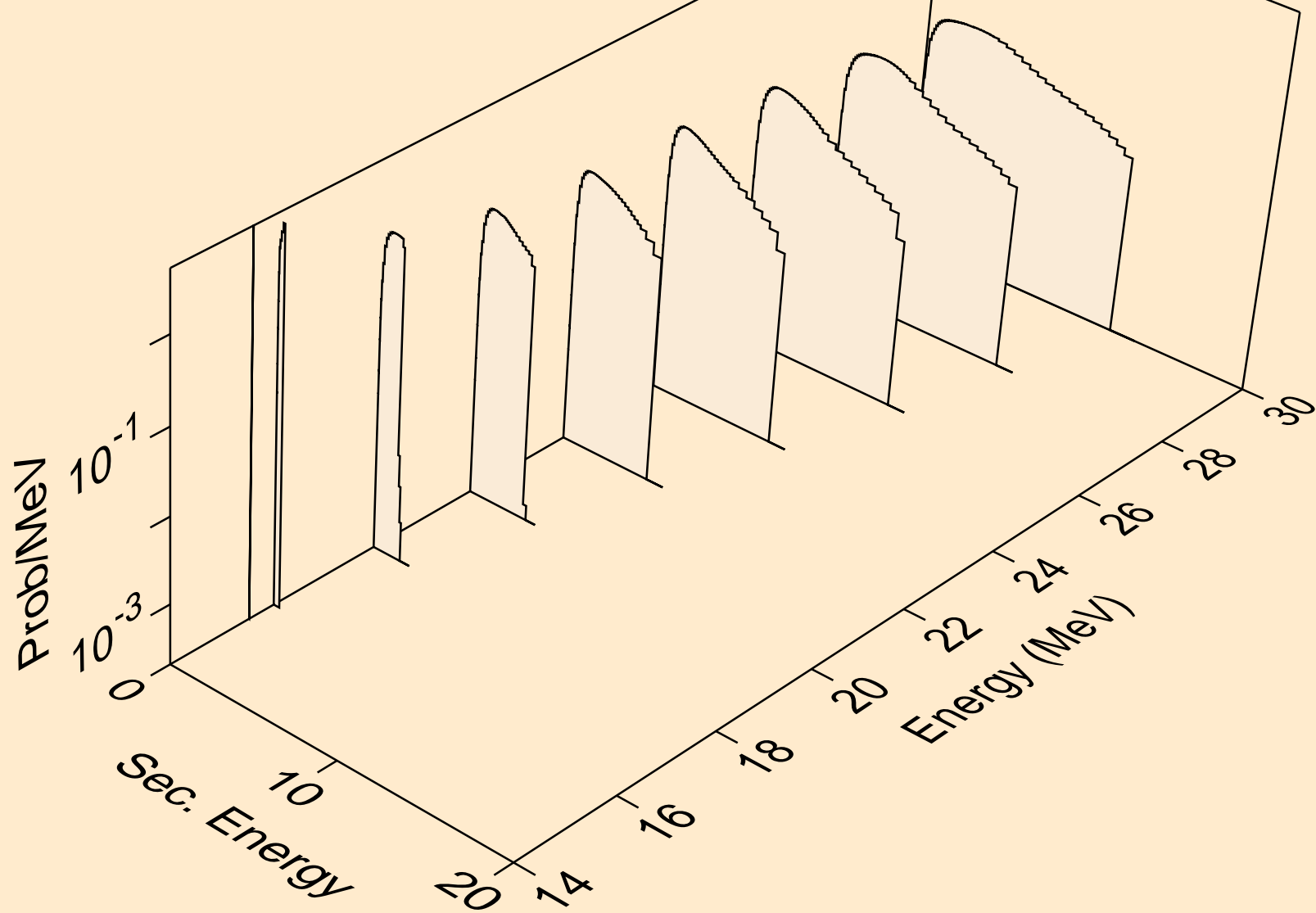


S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

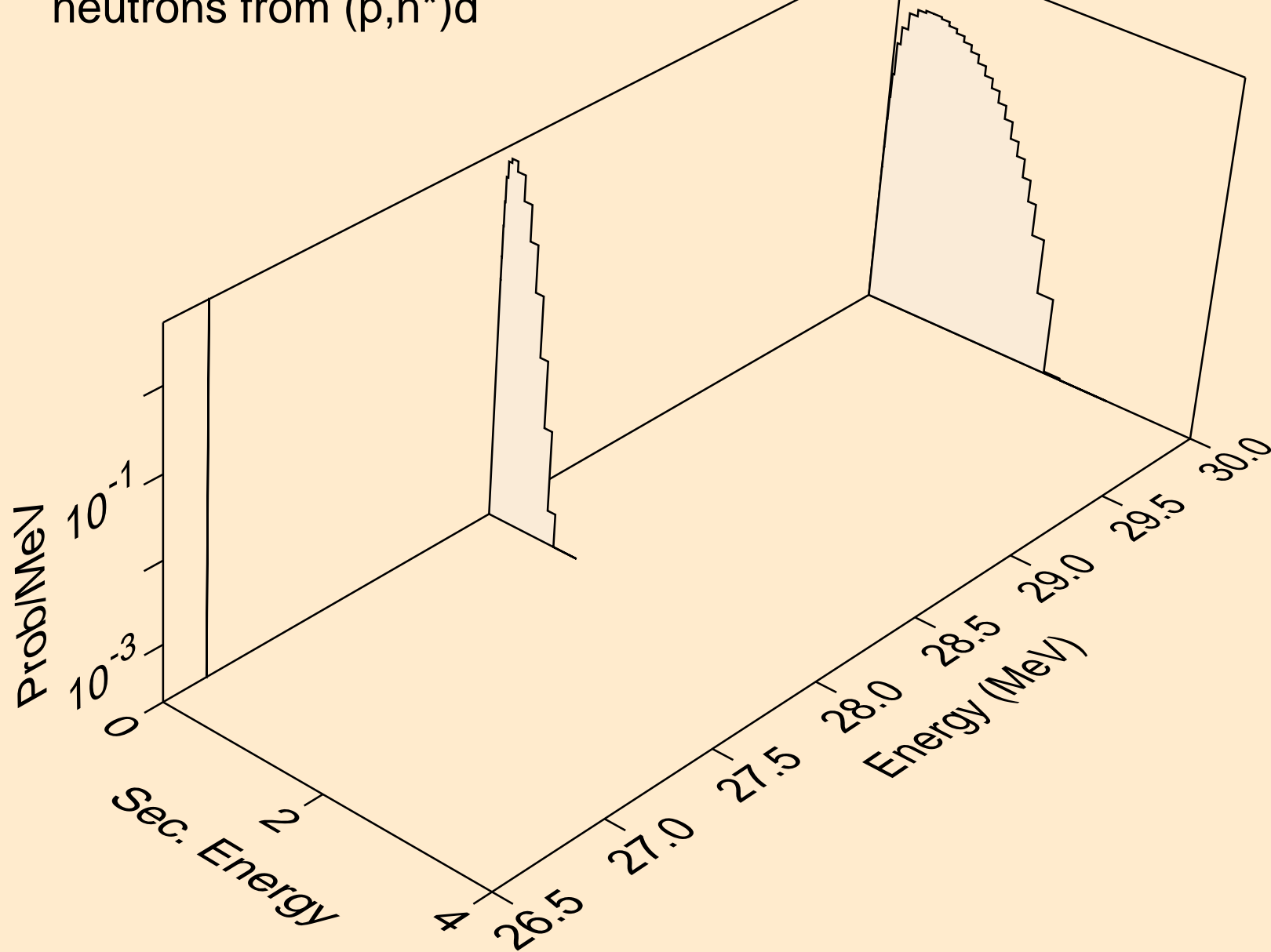




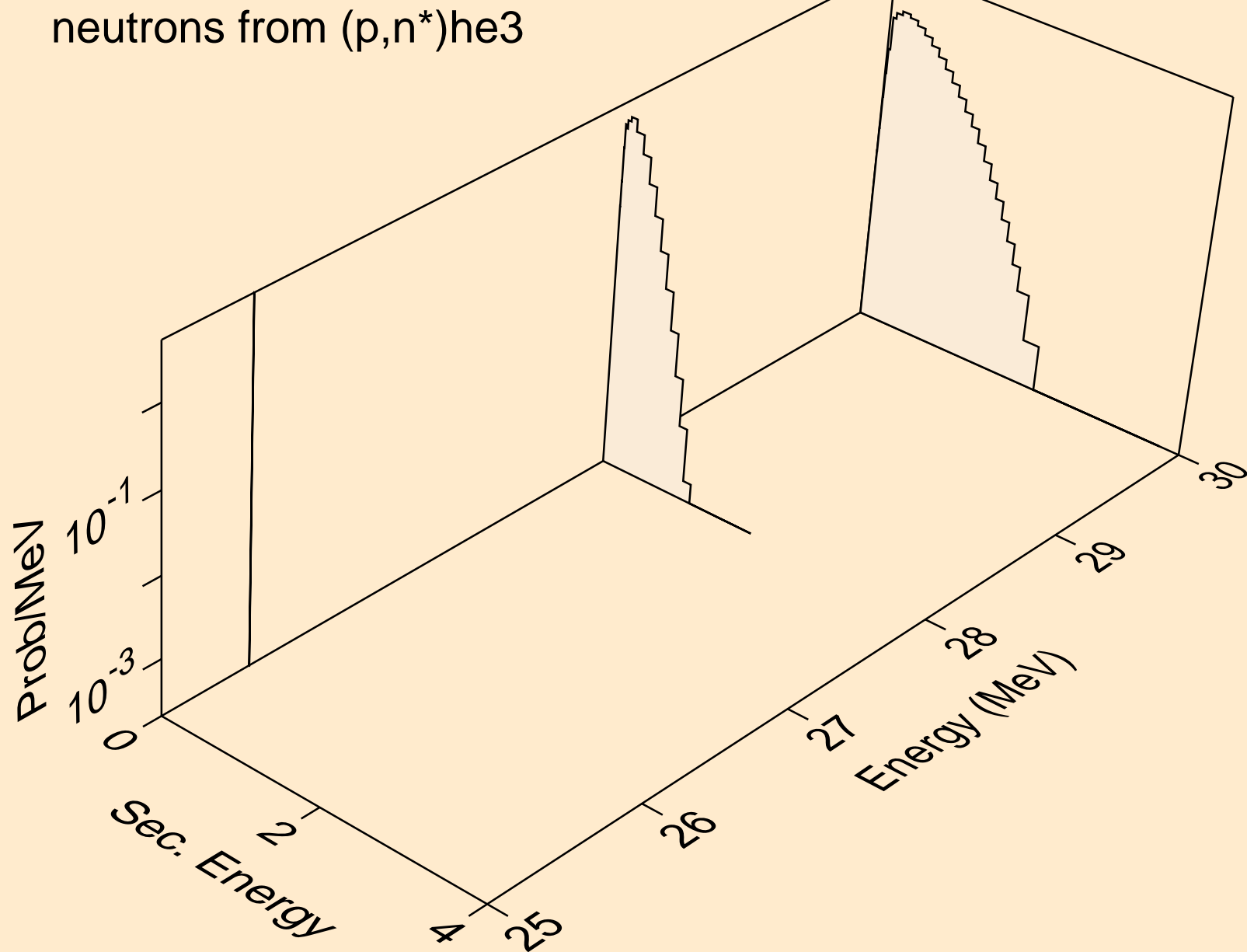
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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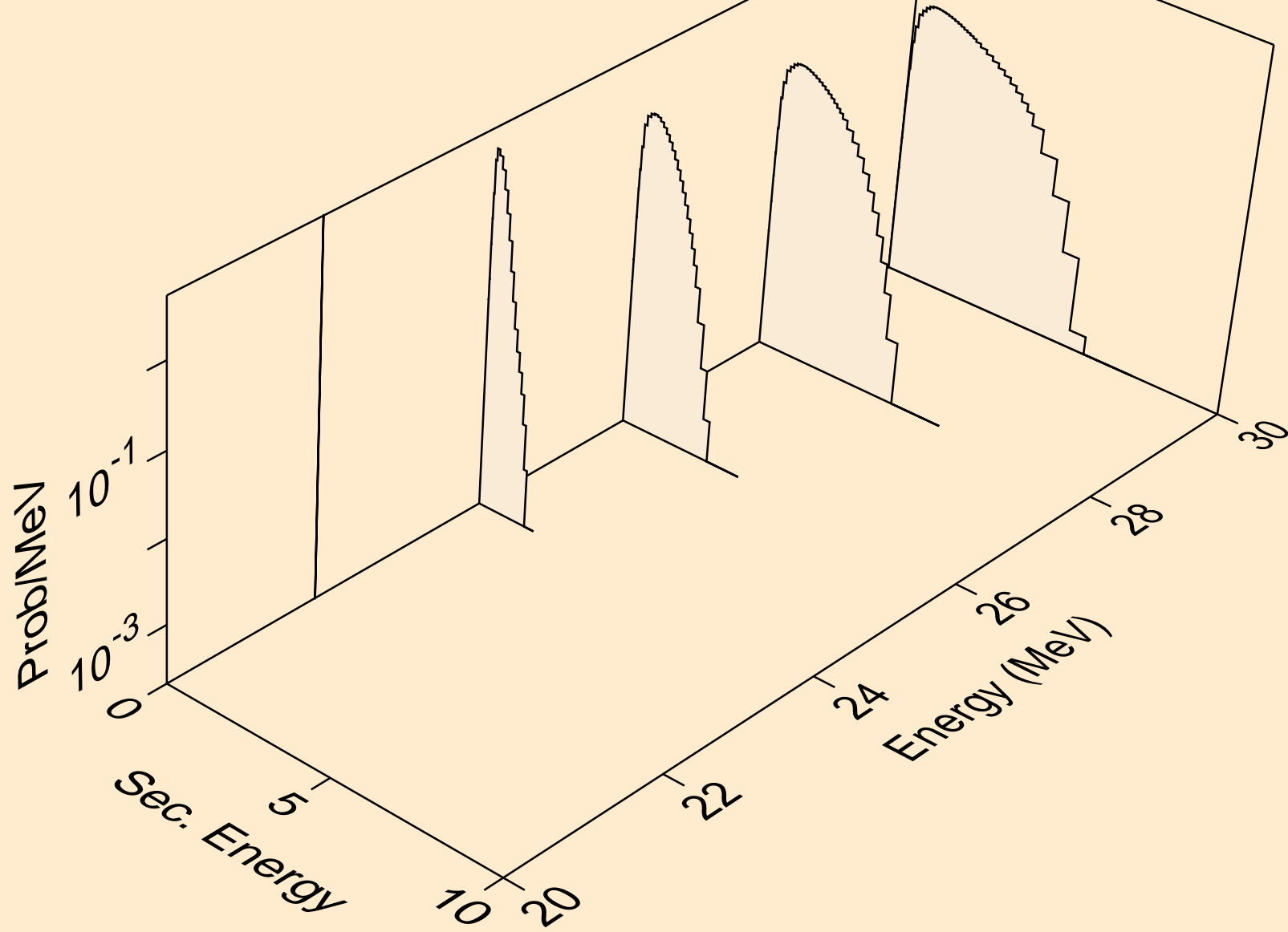
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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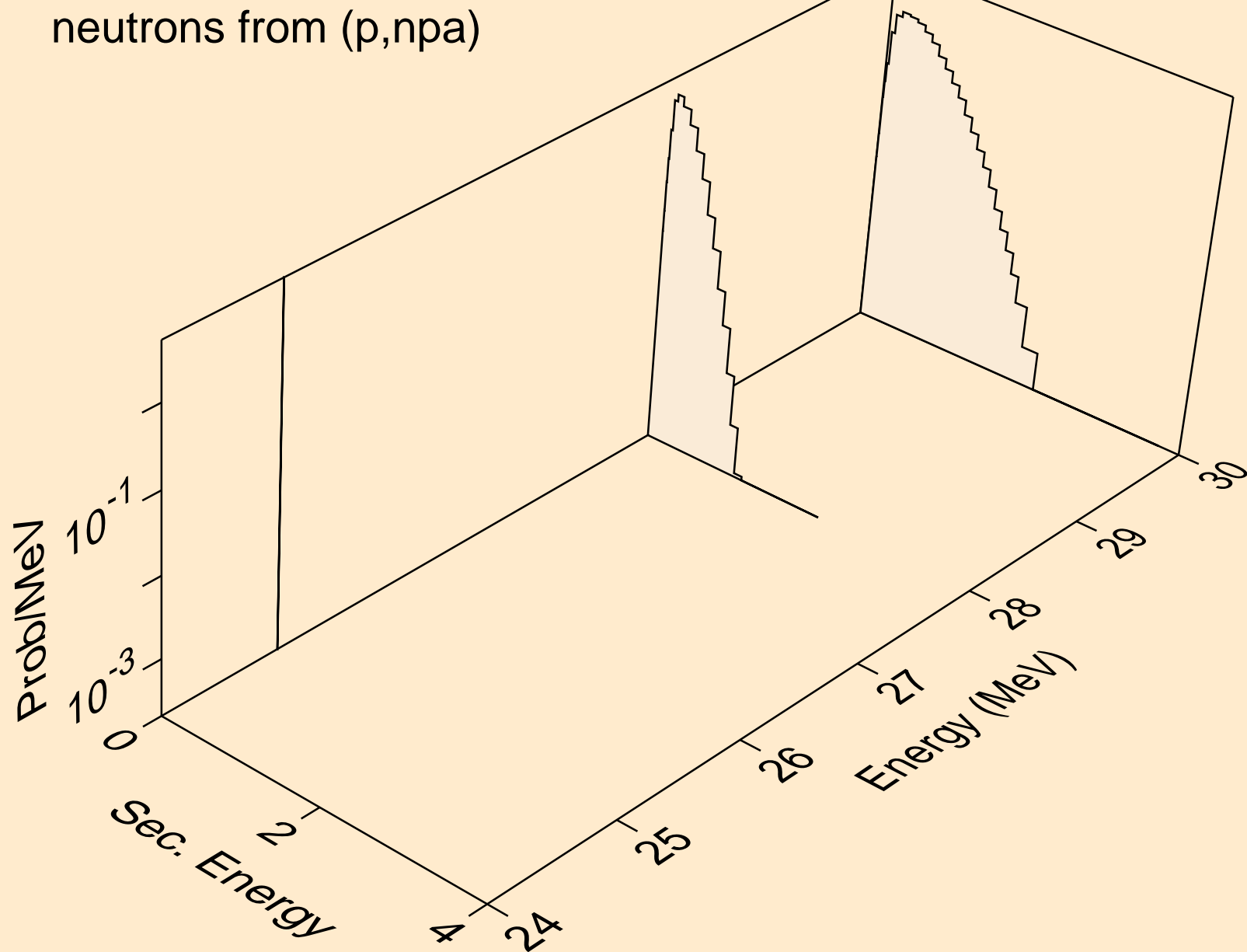
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neutrons from (p,n\*)he3



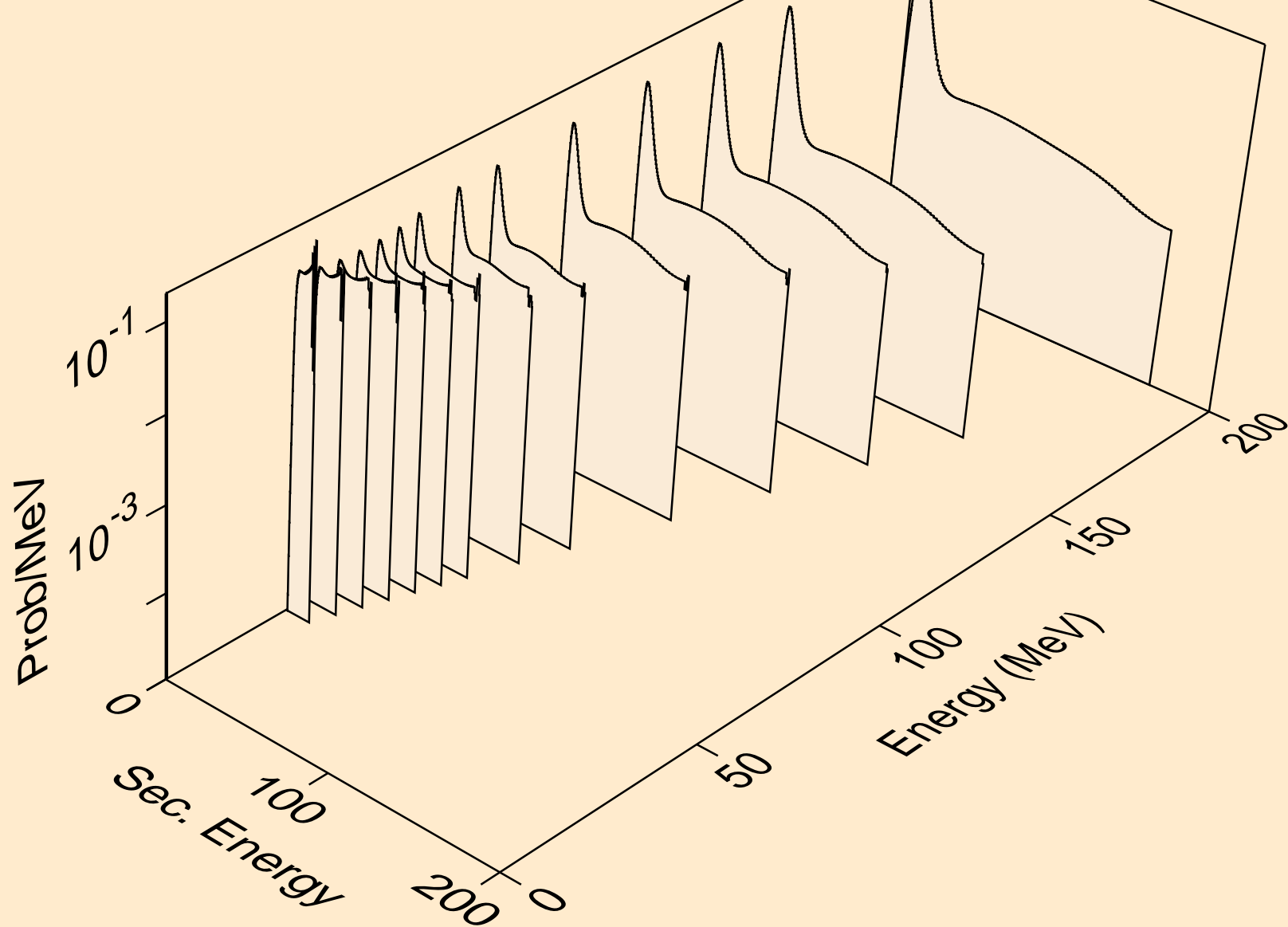
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



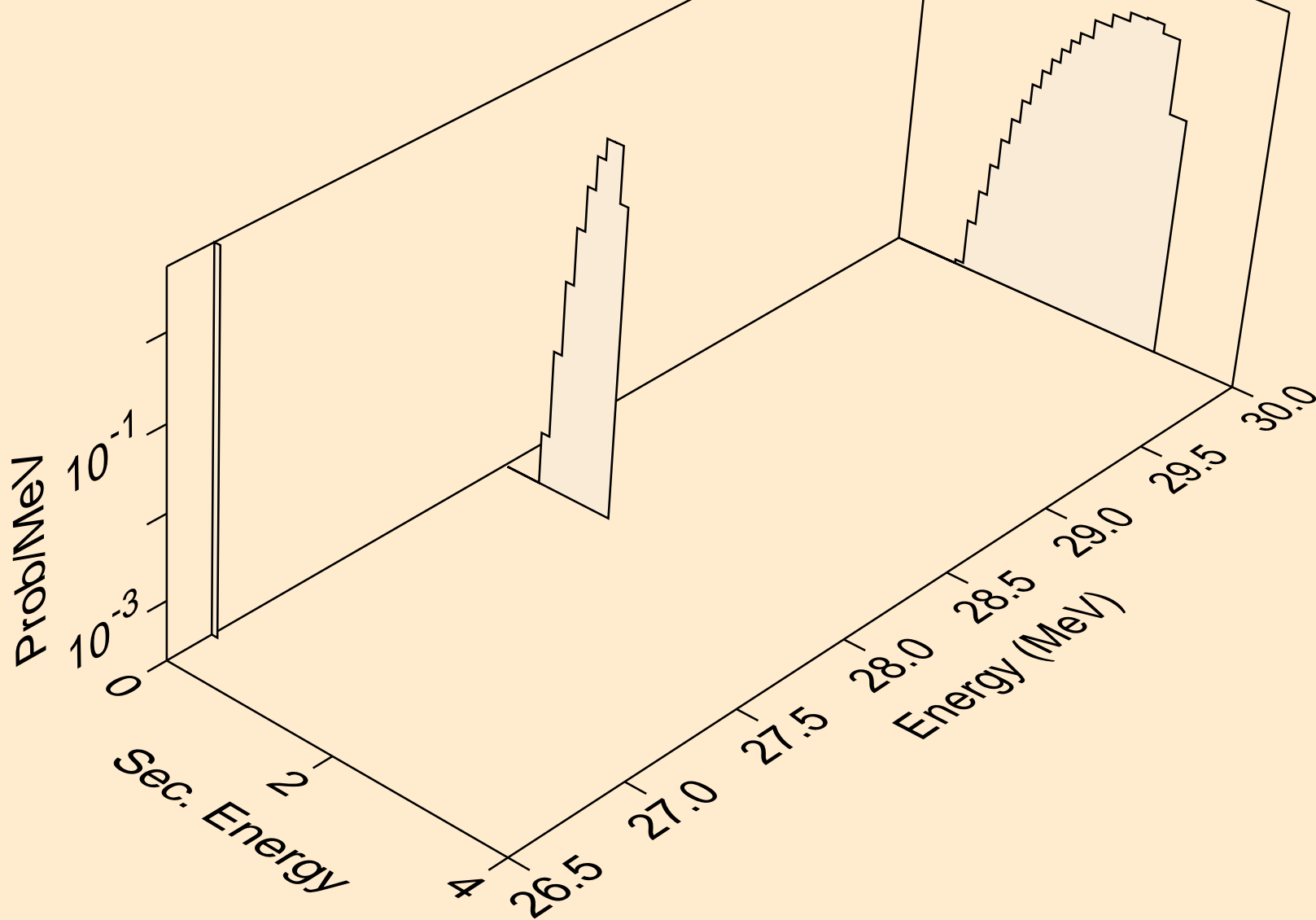
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



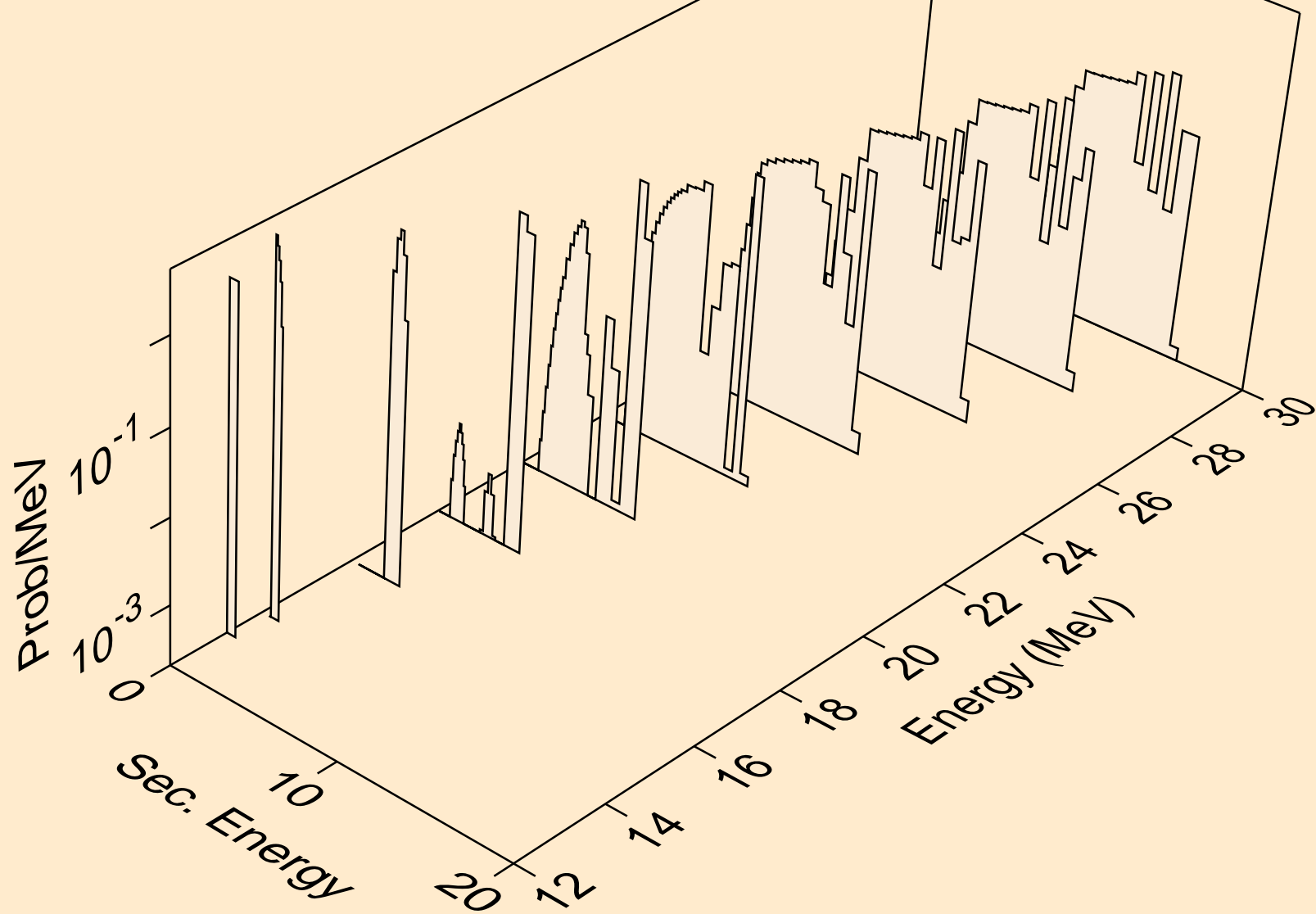
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

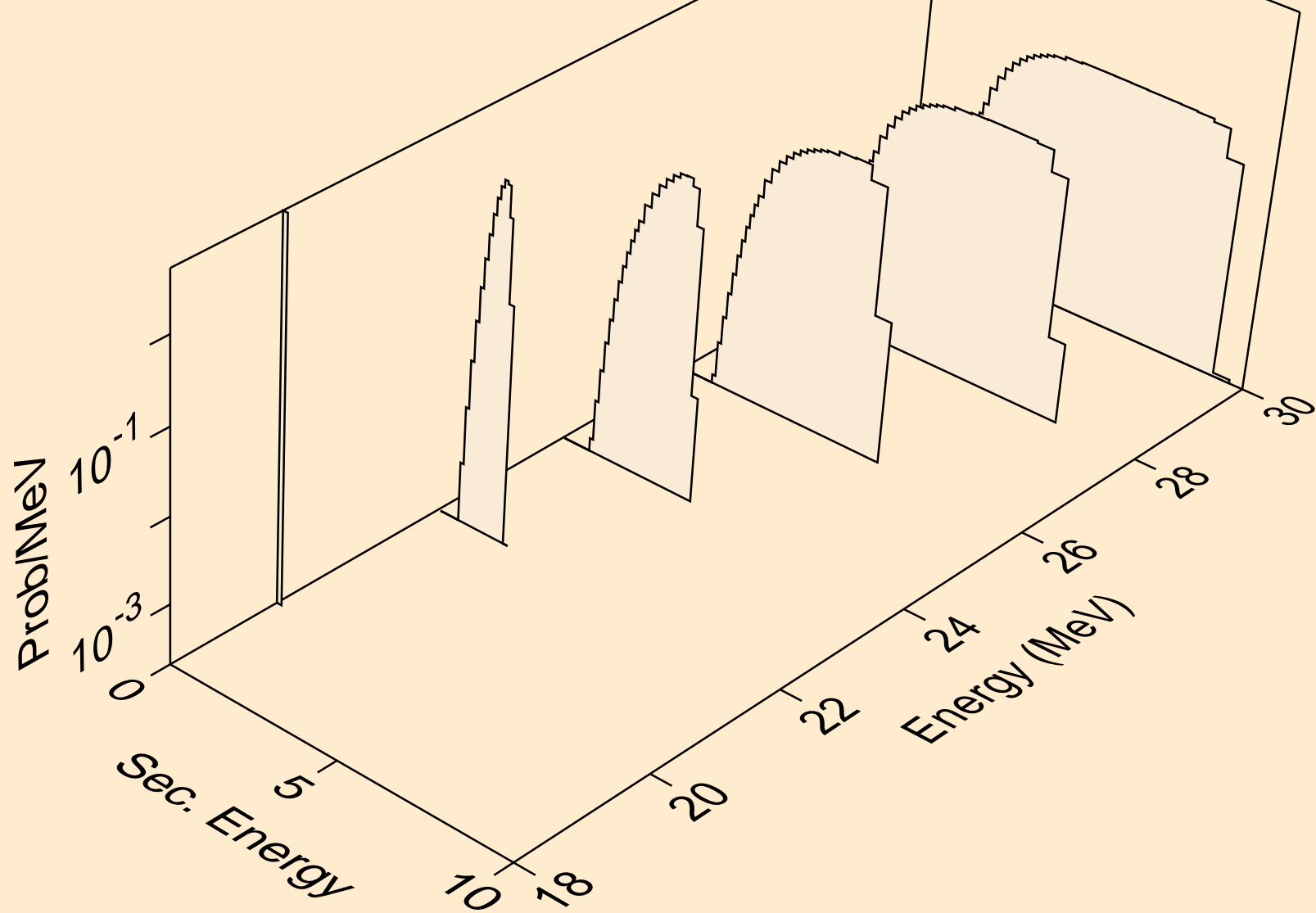


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deuterons from (p,d)

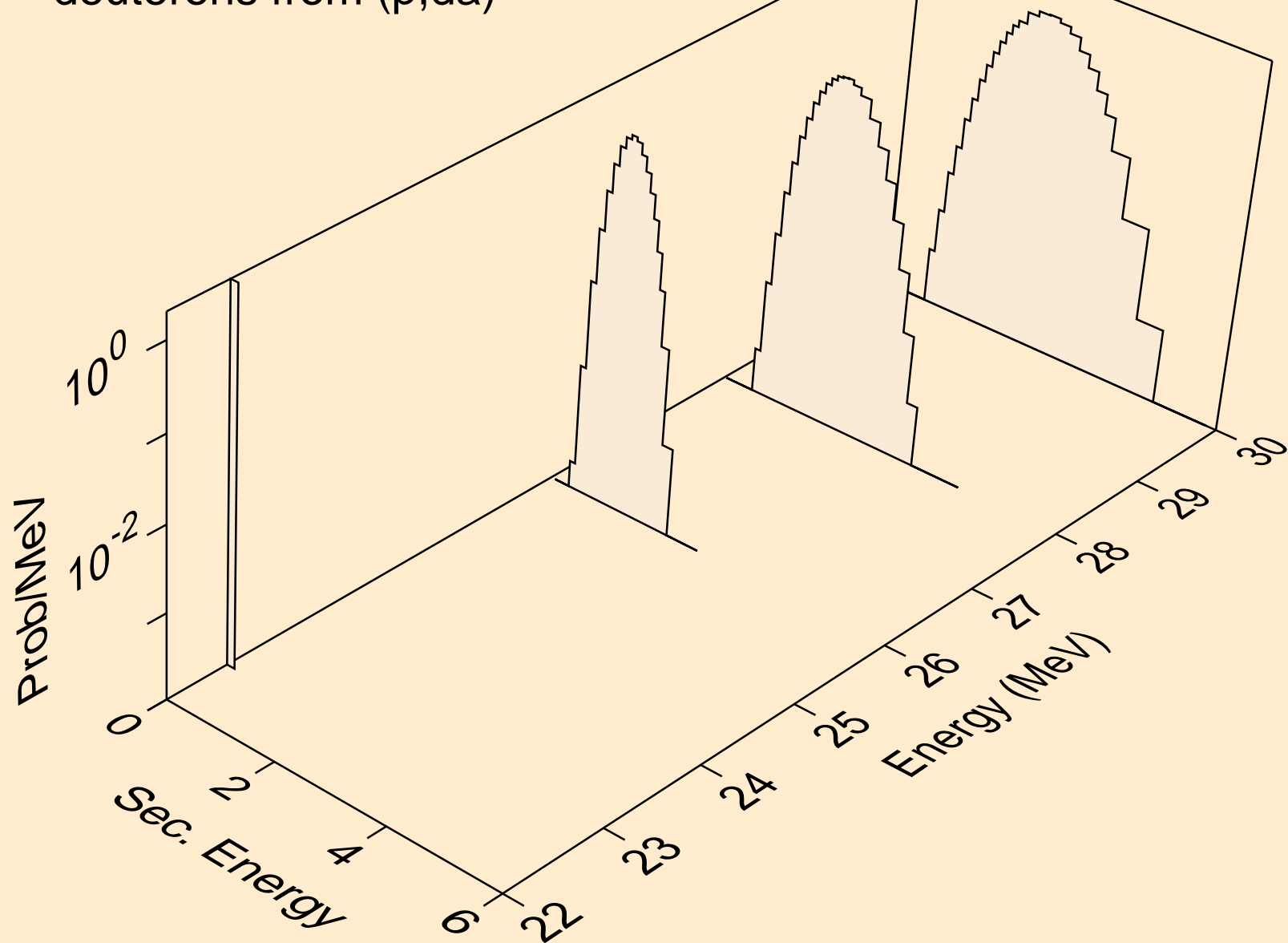




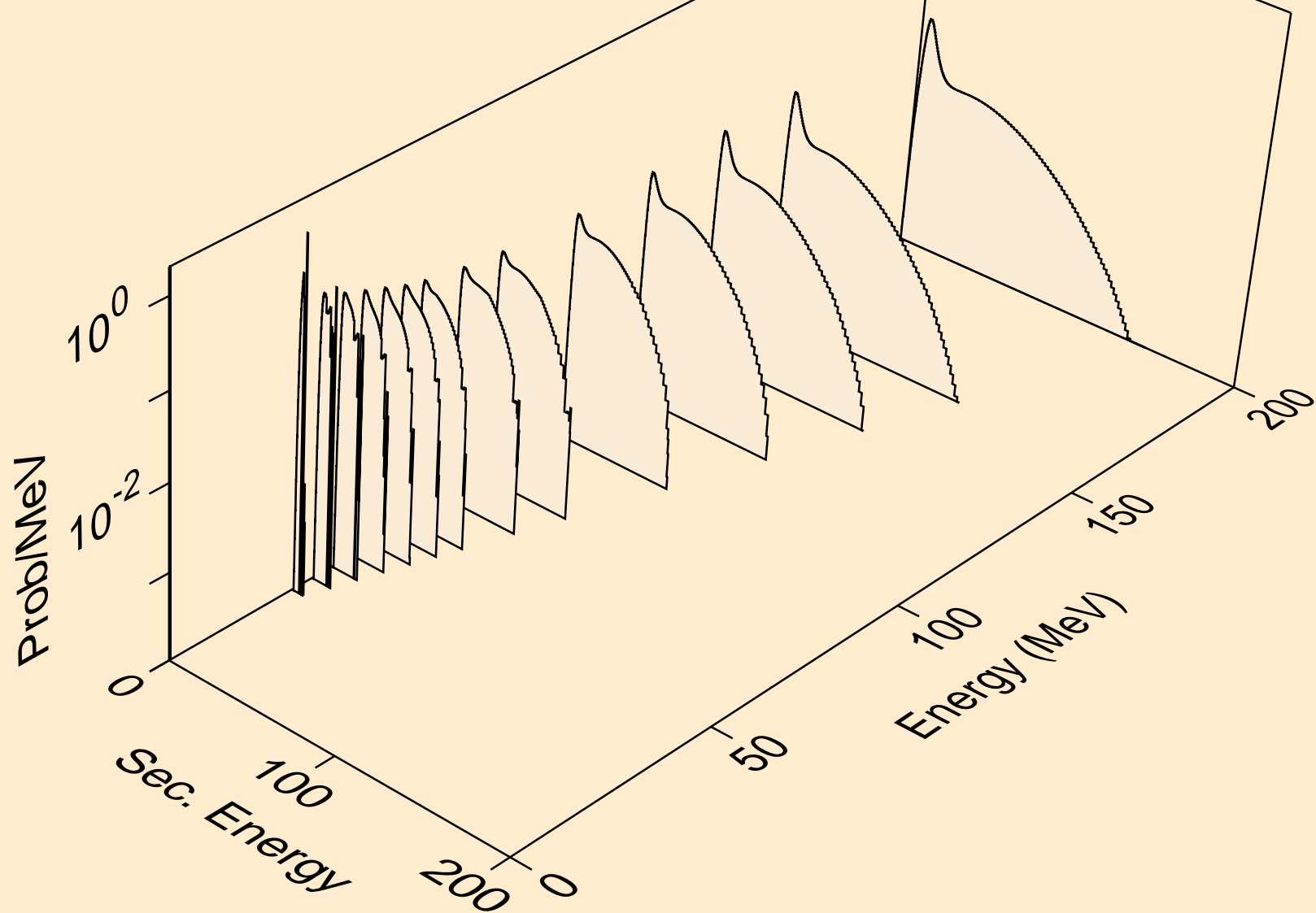
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



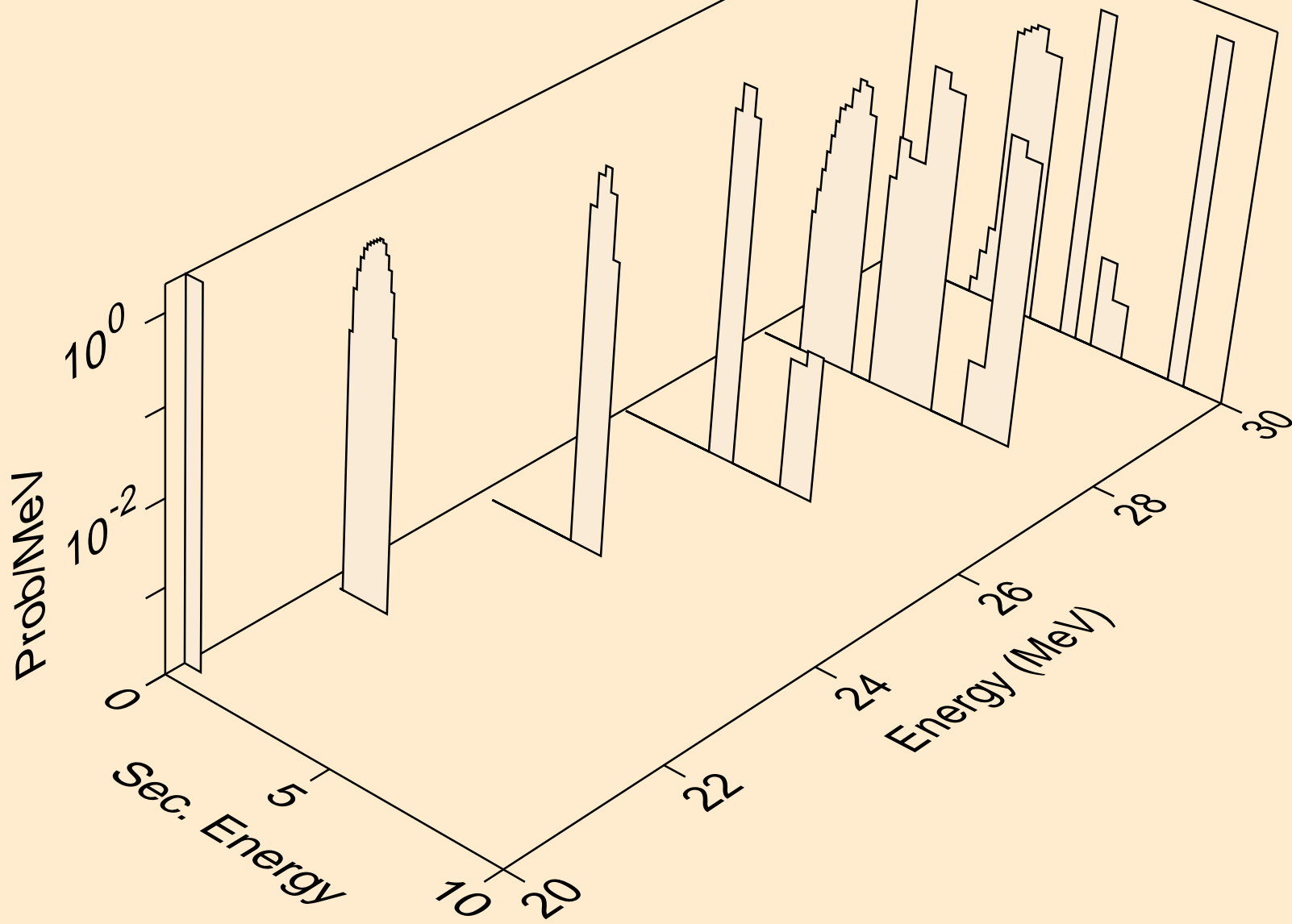
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deuterons from (p,da)



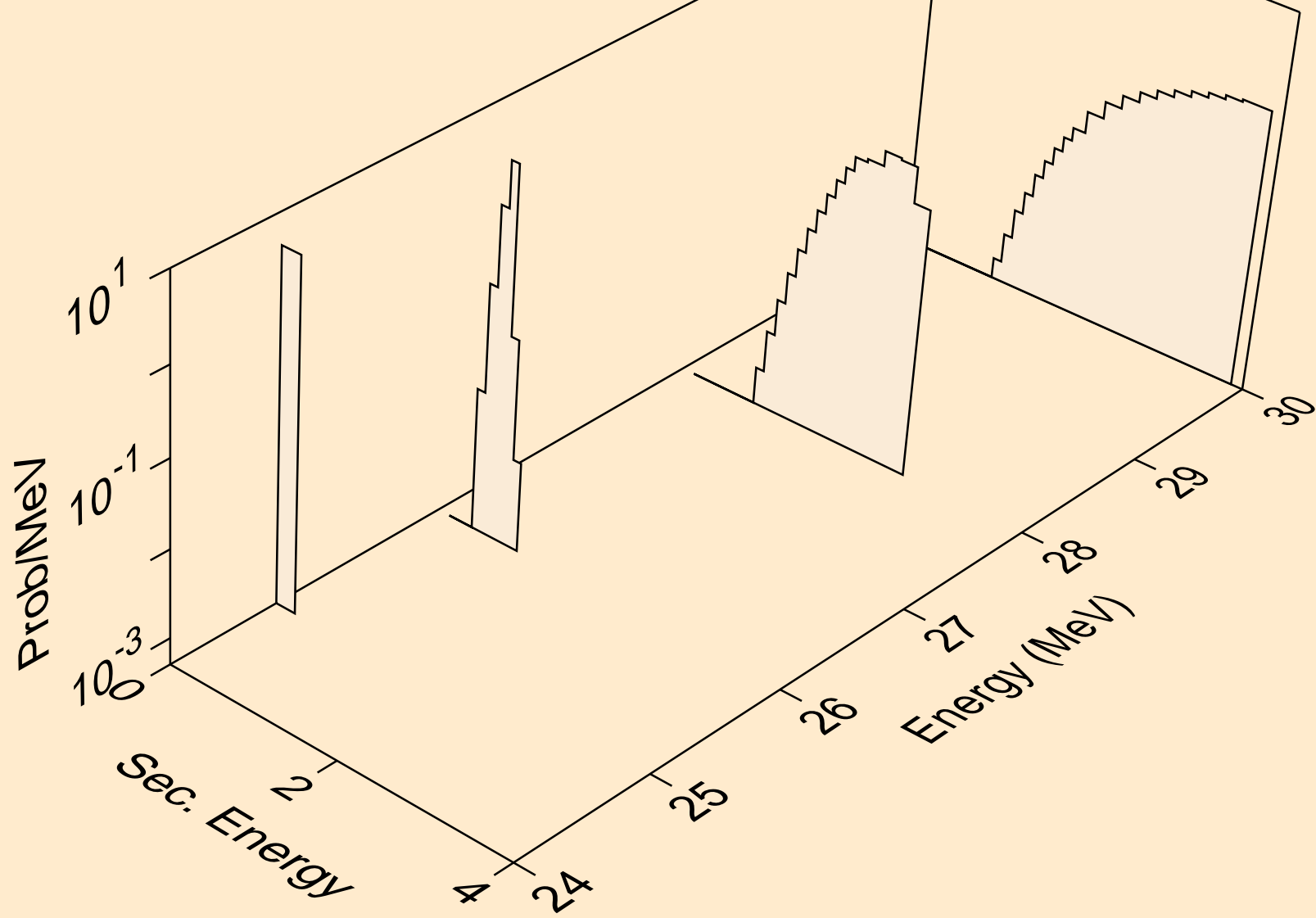
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tritons from (p,x)



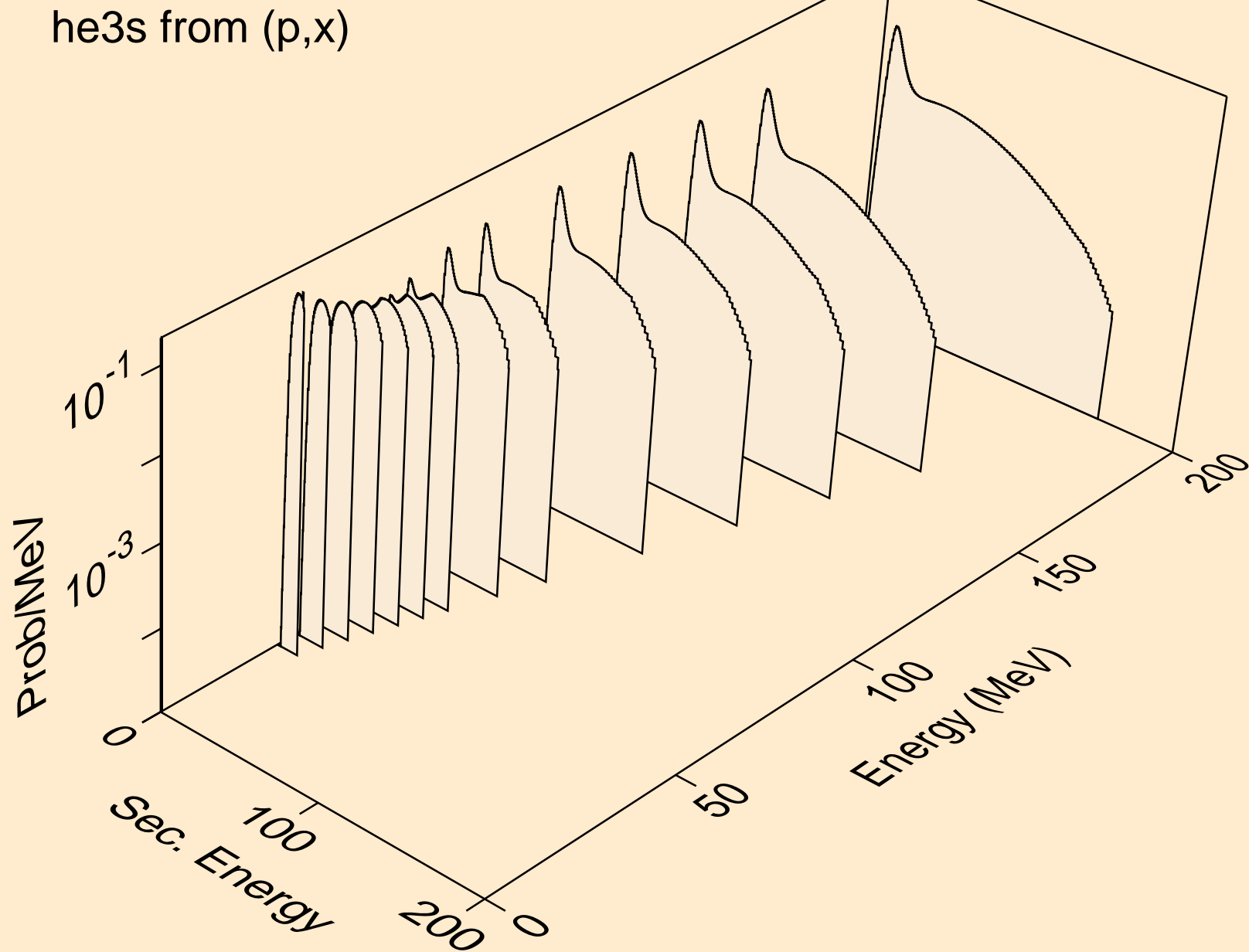
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



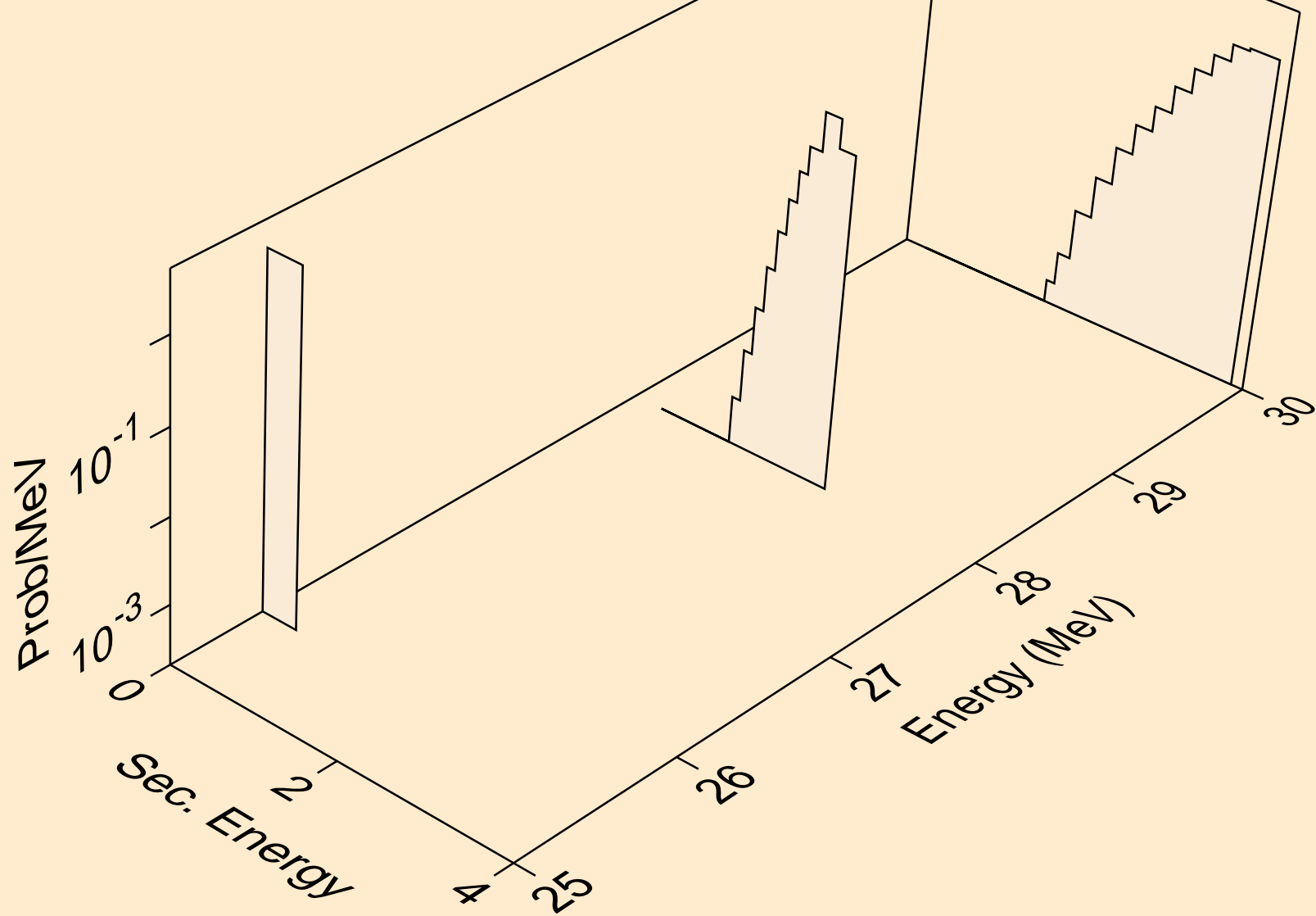
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tritons from (p,pt)



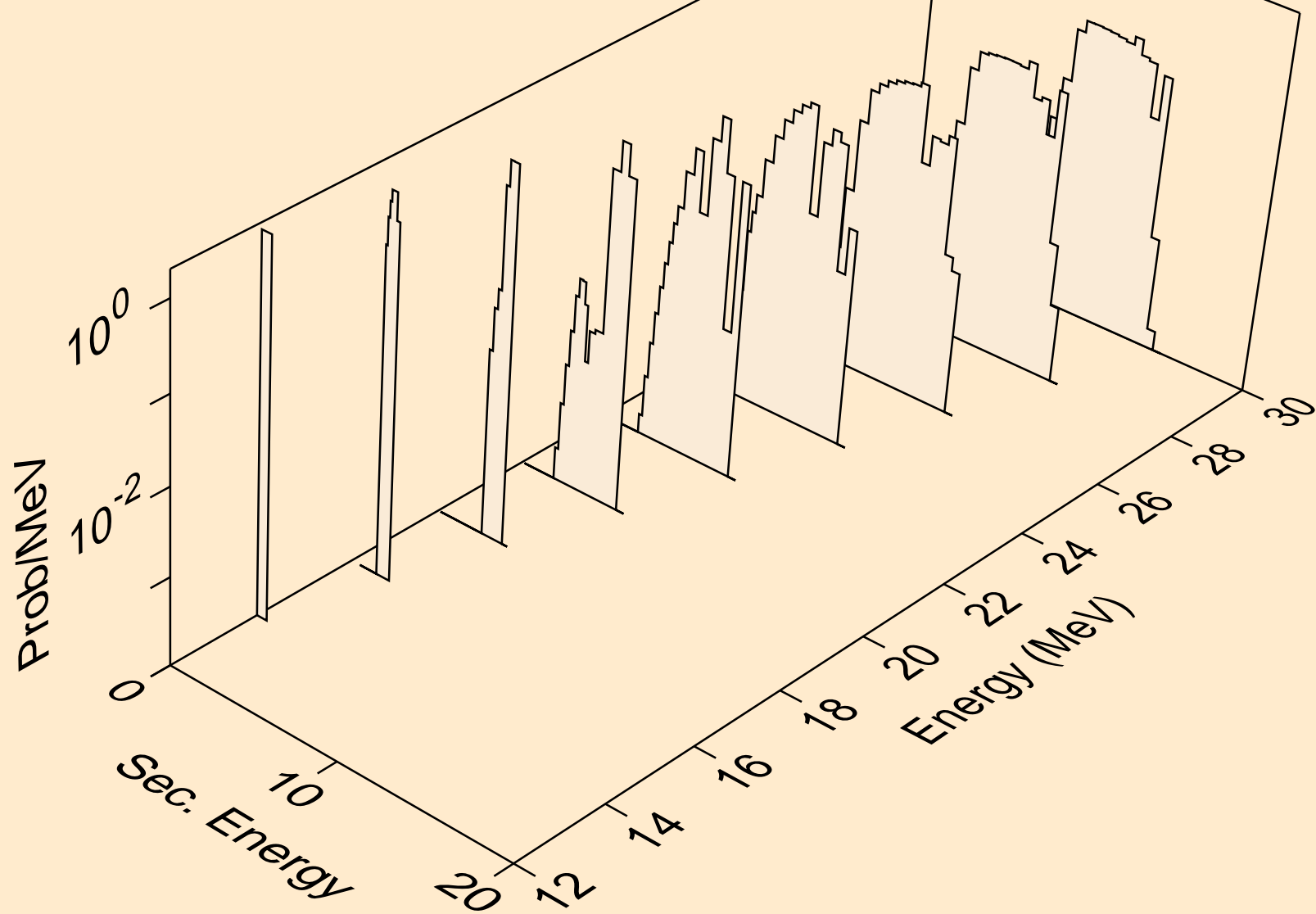
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

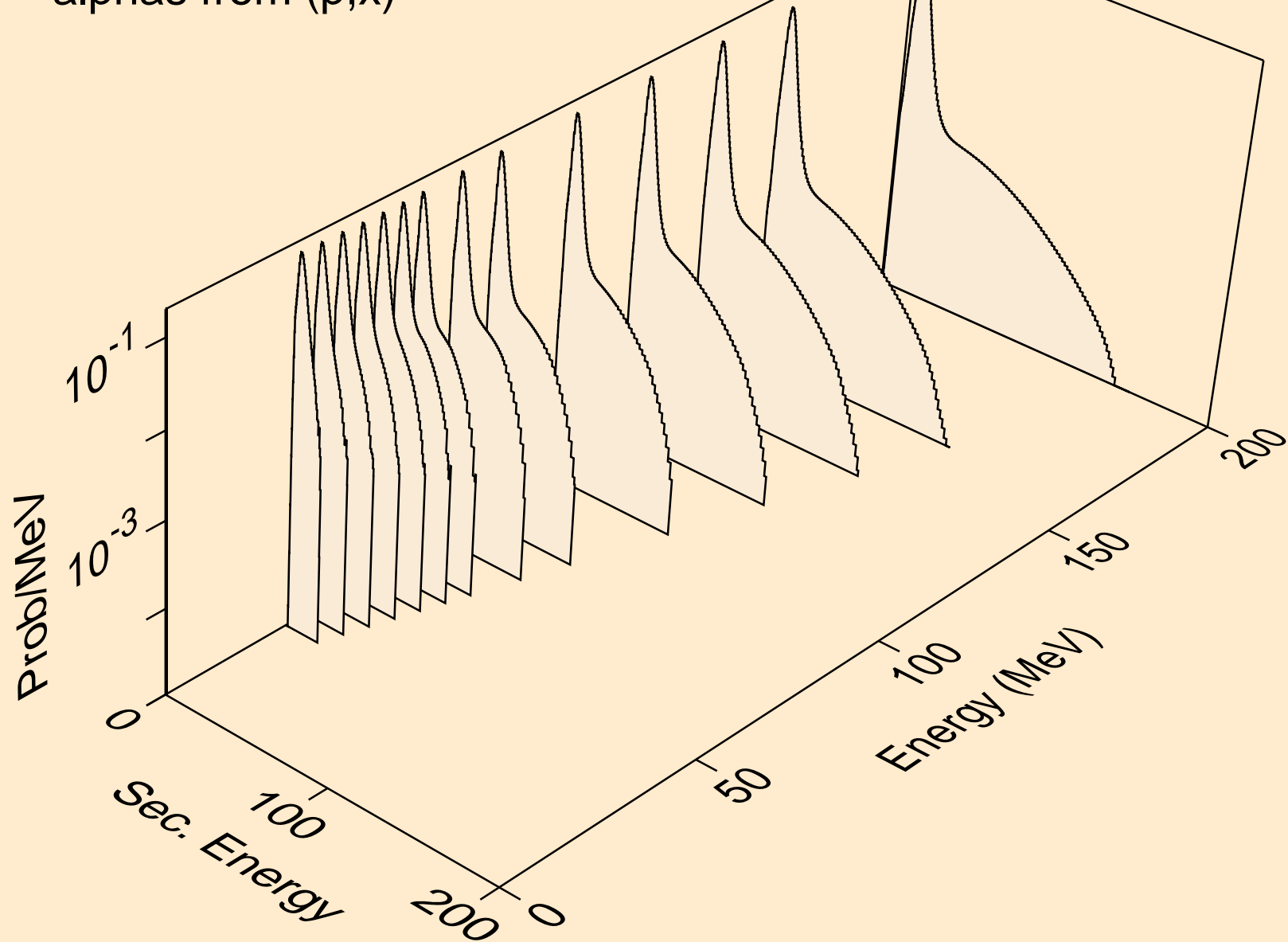


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he3s from (p,he3)

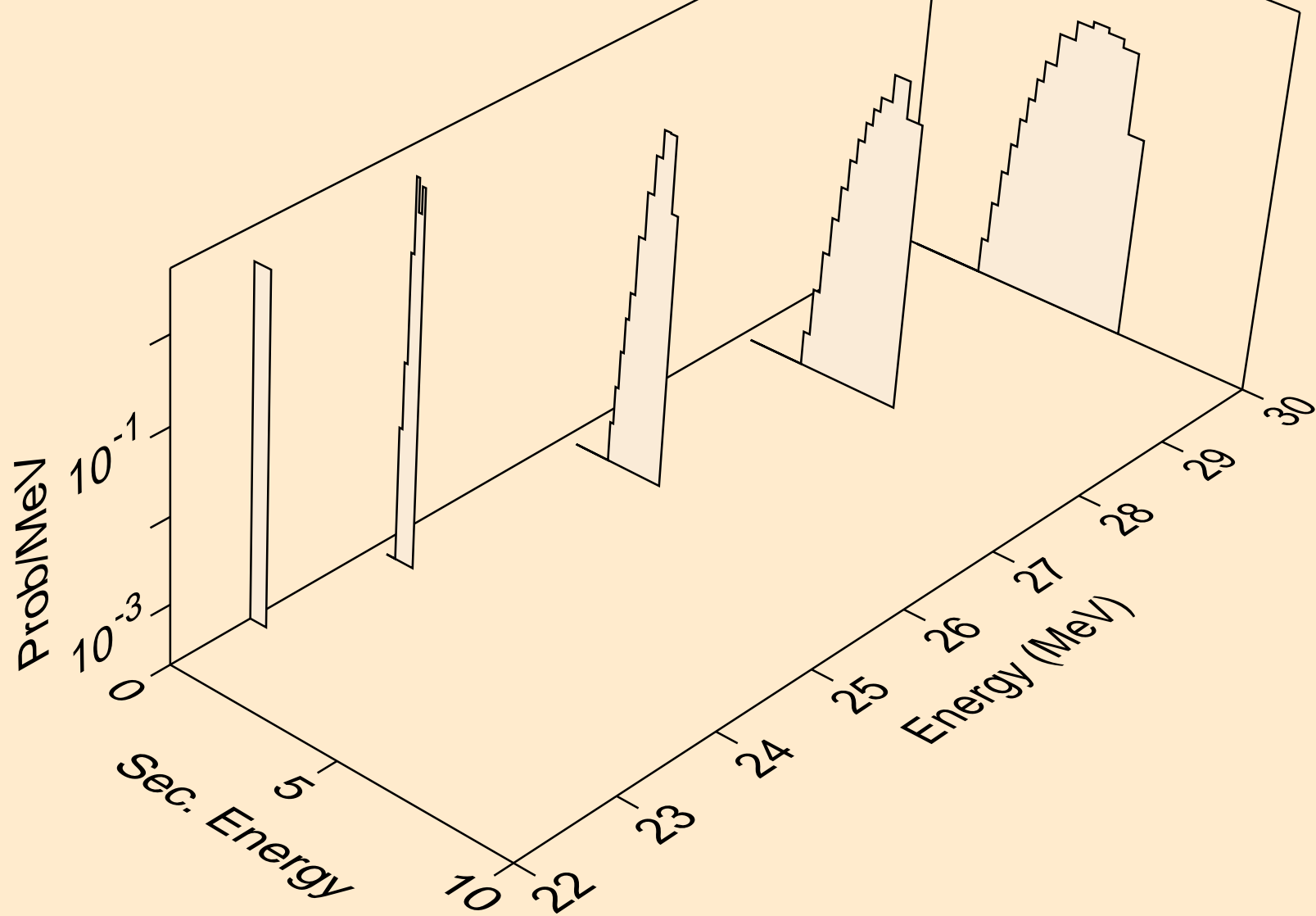




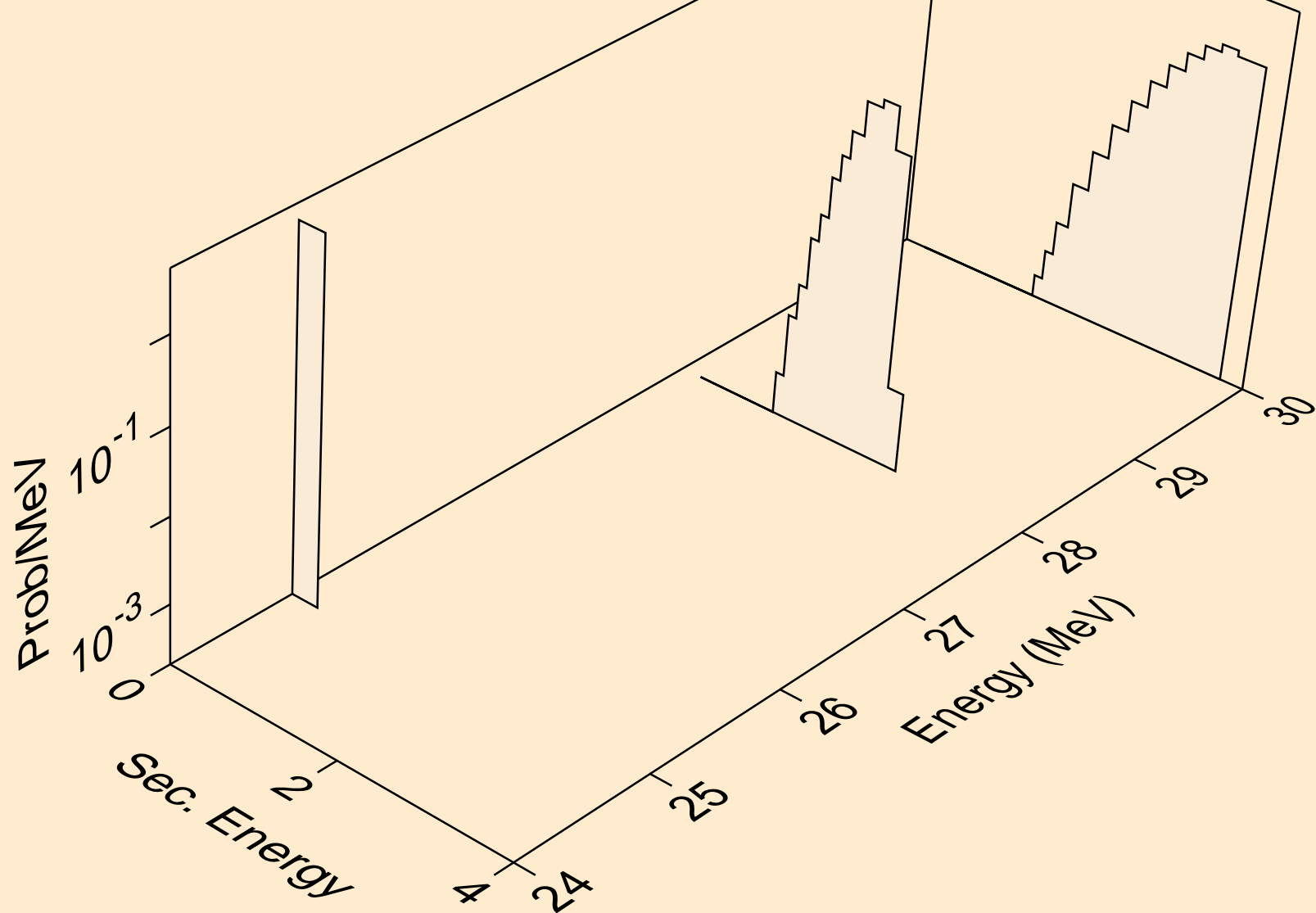
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



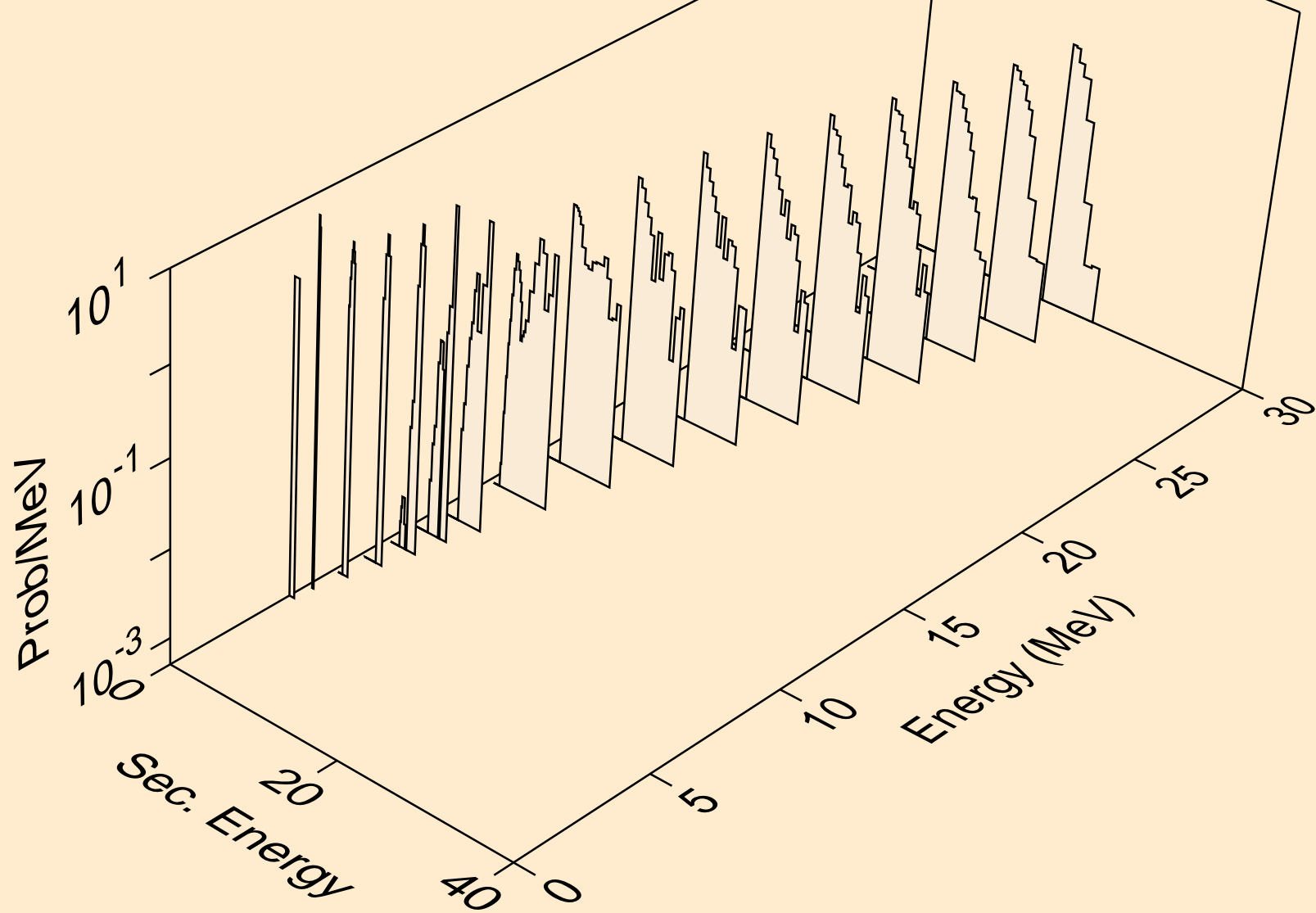
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alphas from (p,n\*)a



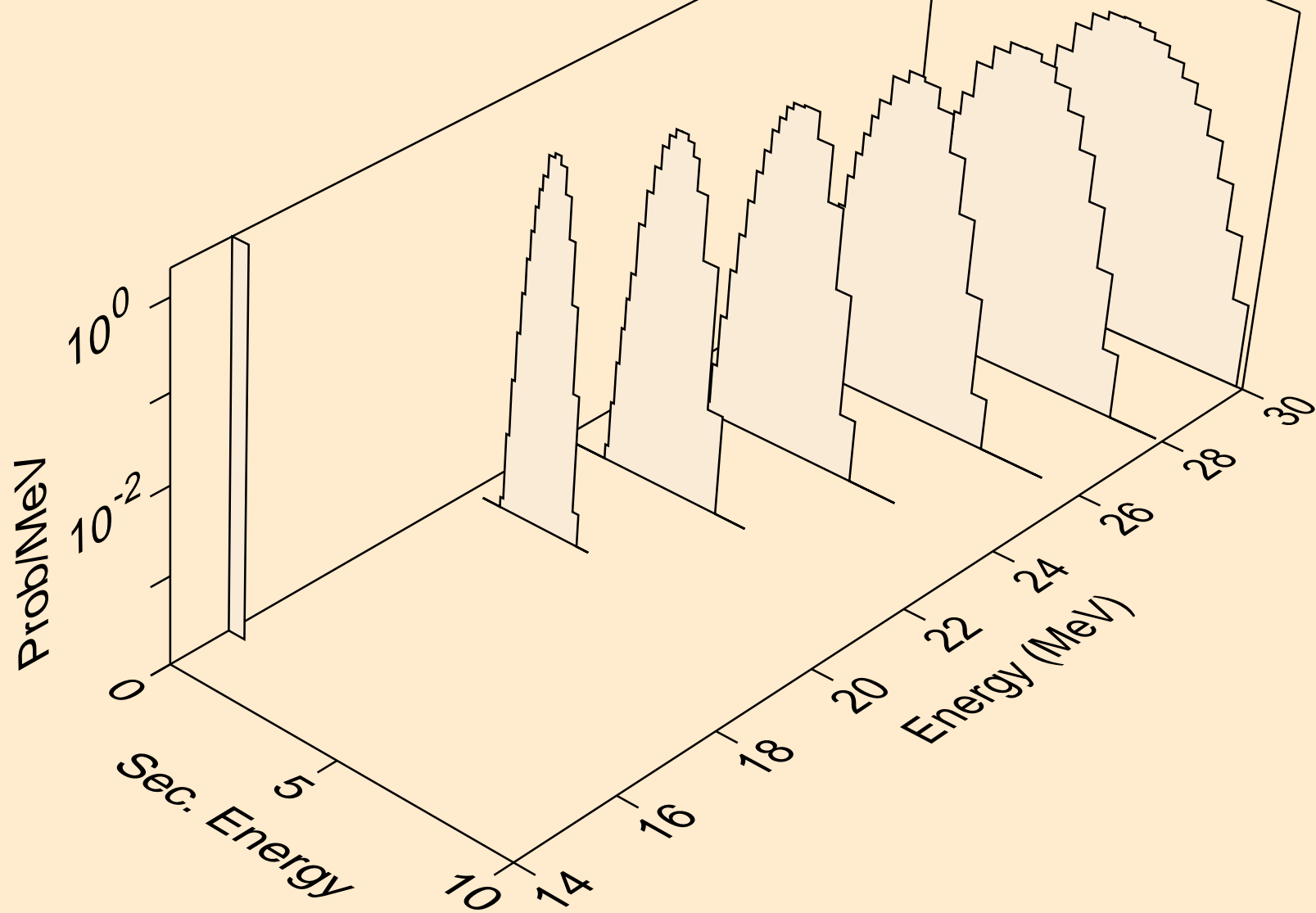
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



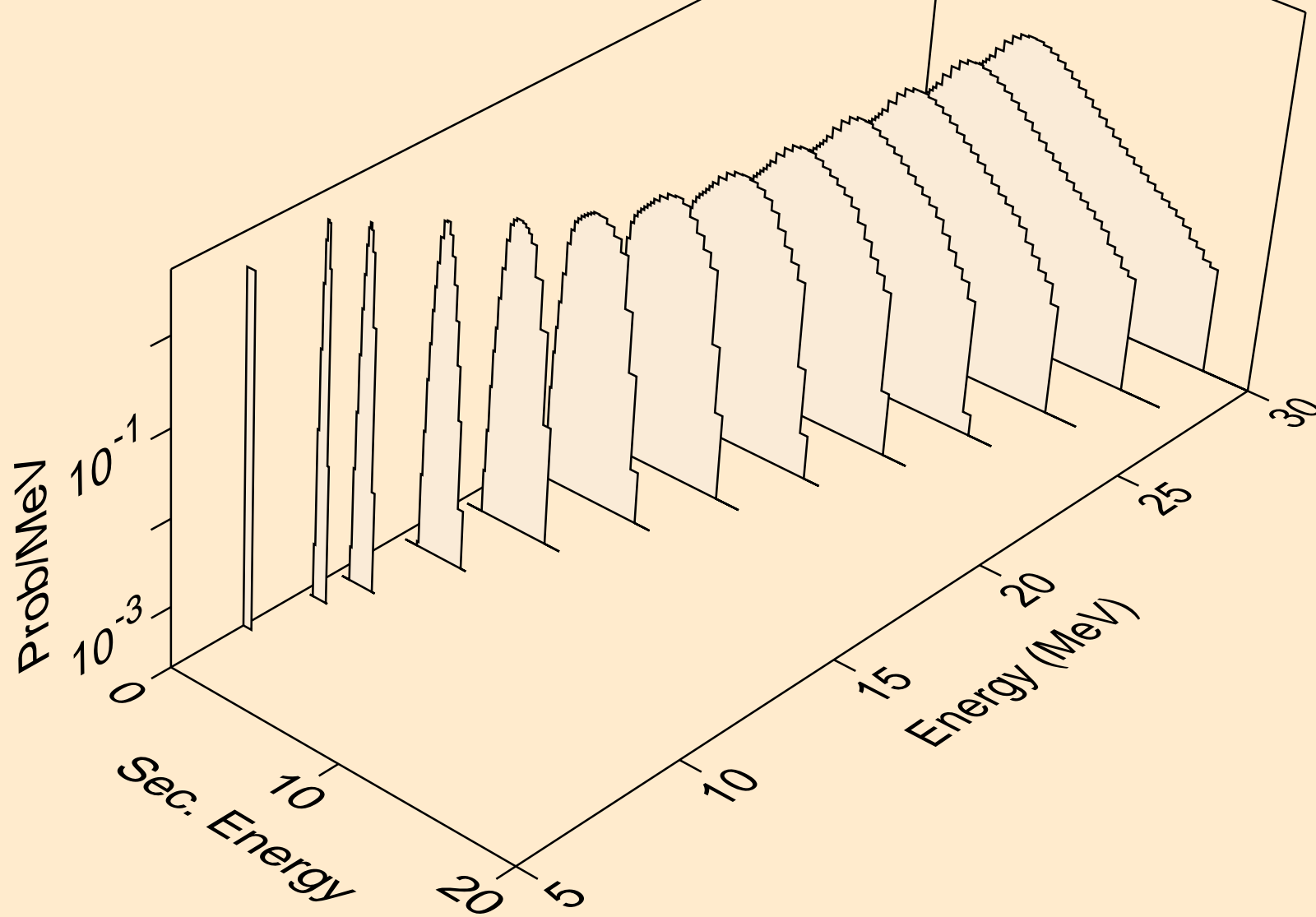
S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



S032 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

