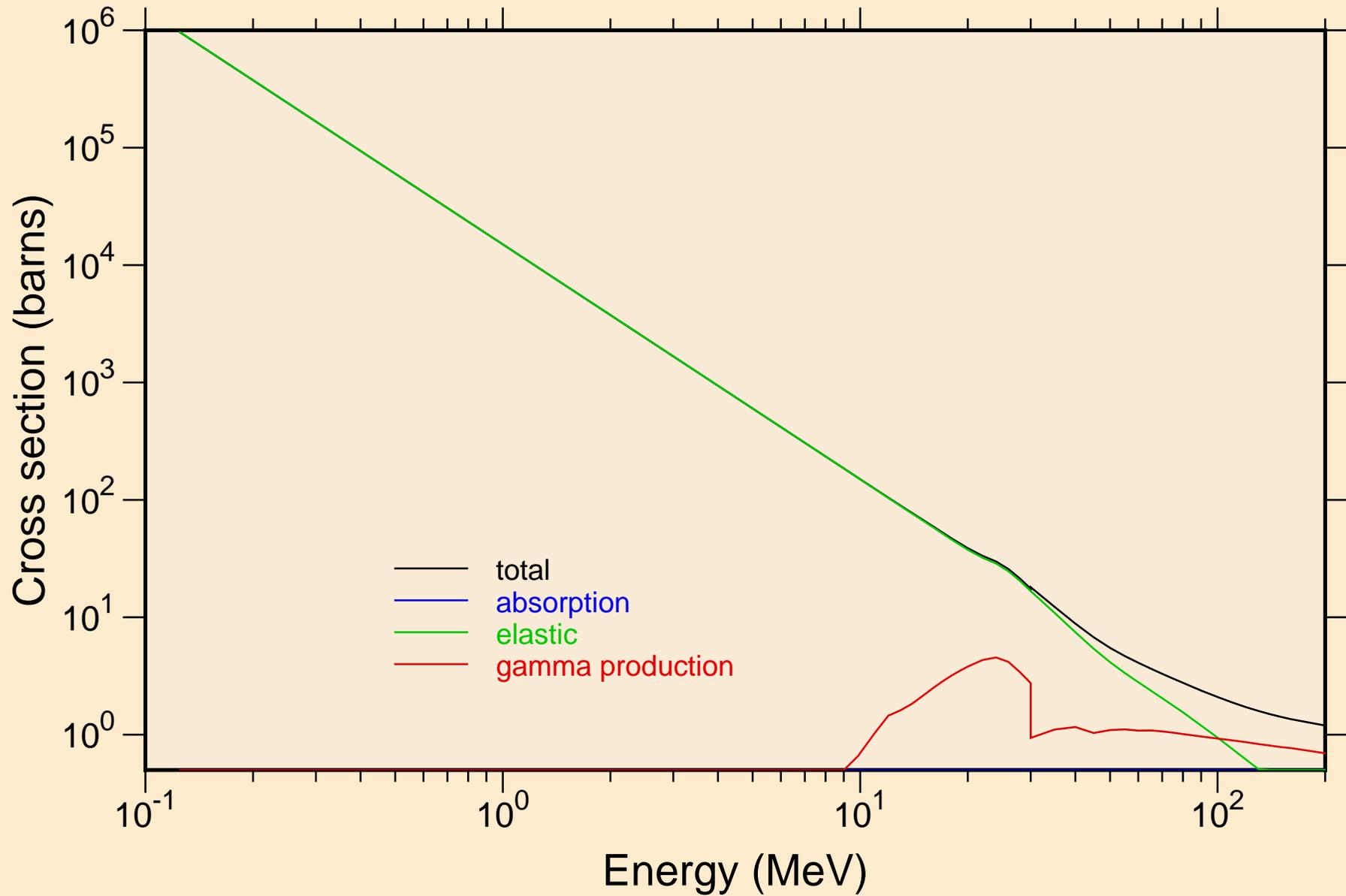
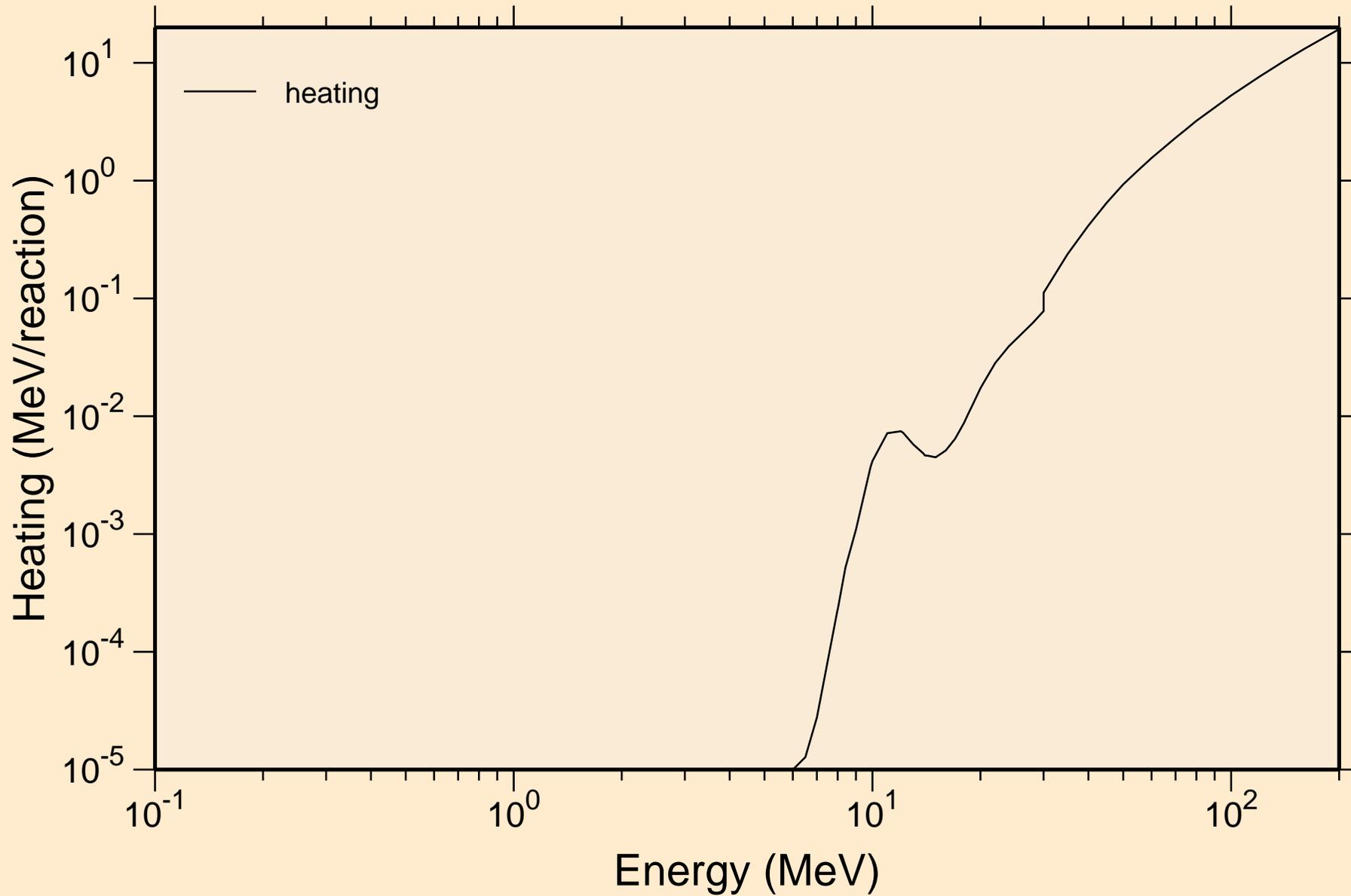


# IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

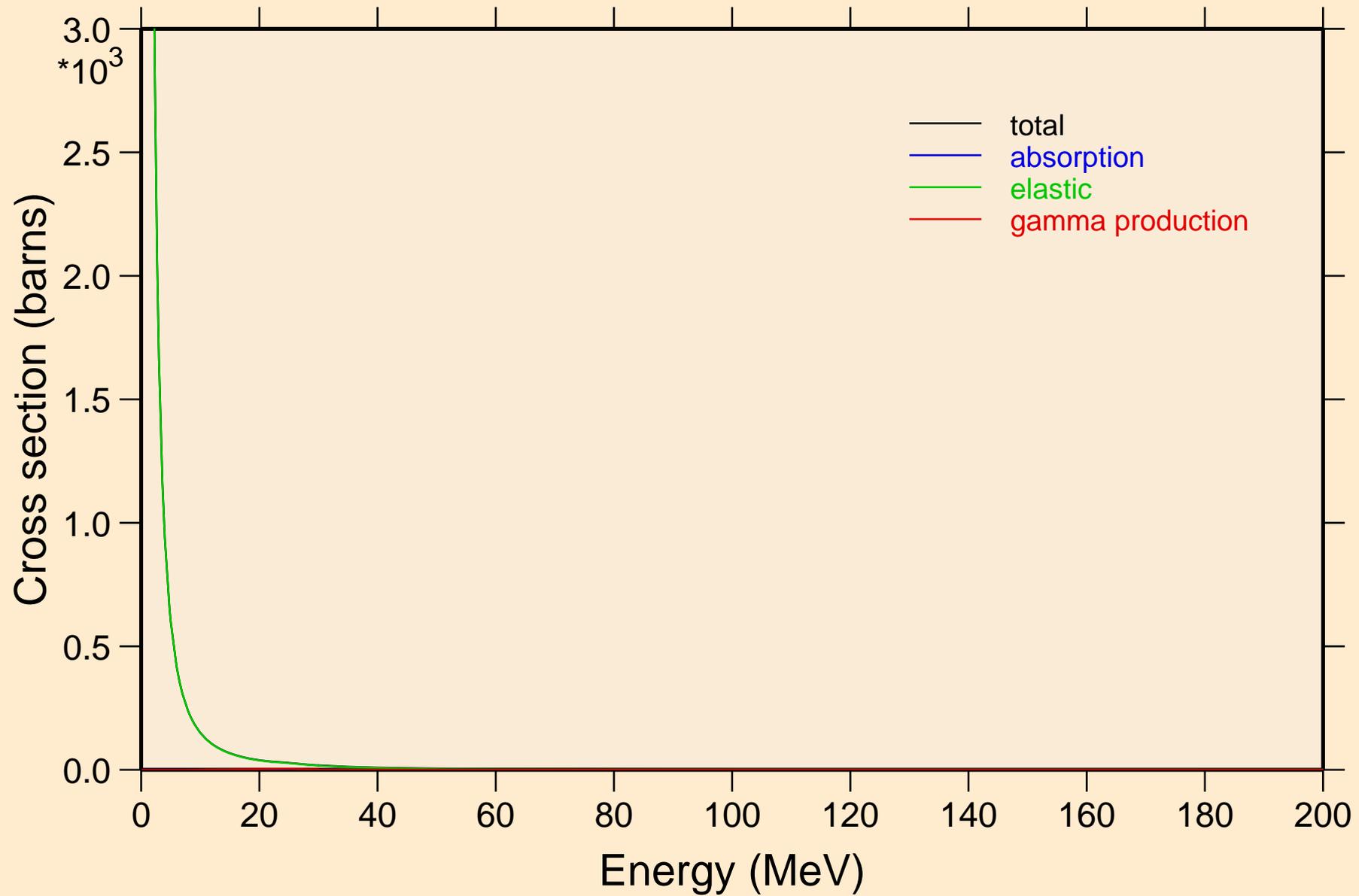


IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



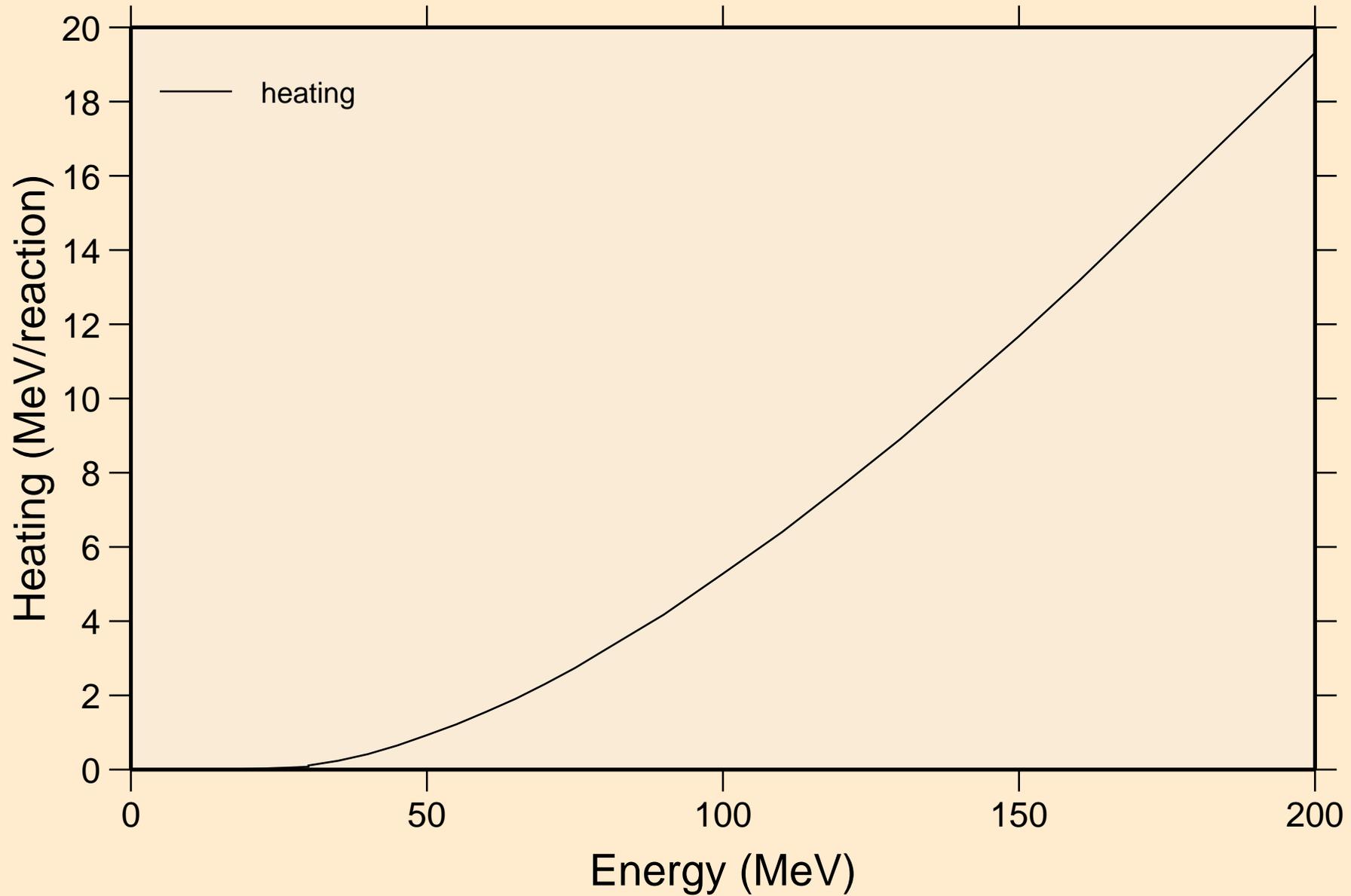
# IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



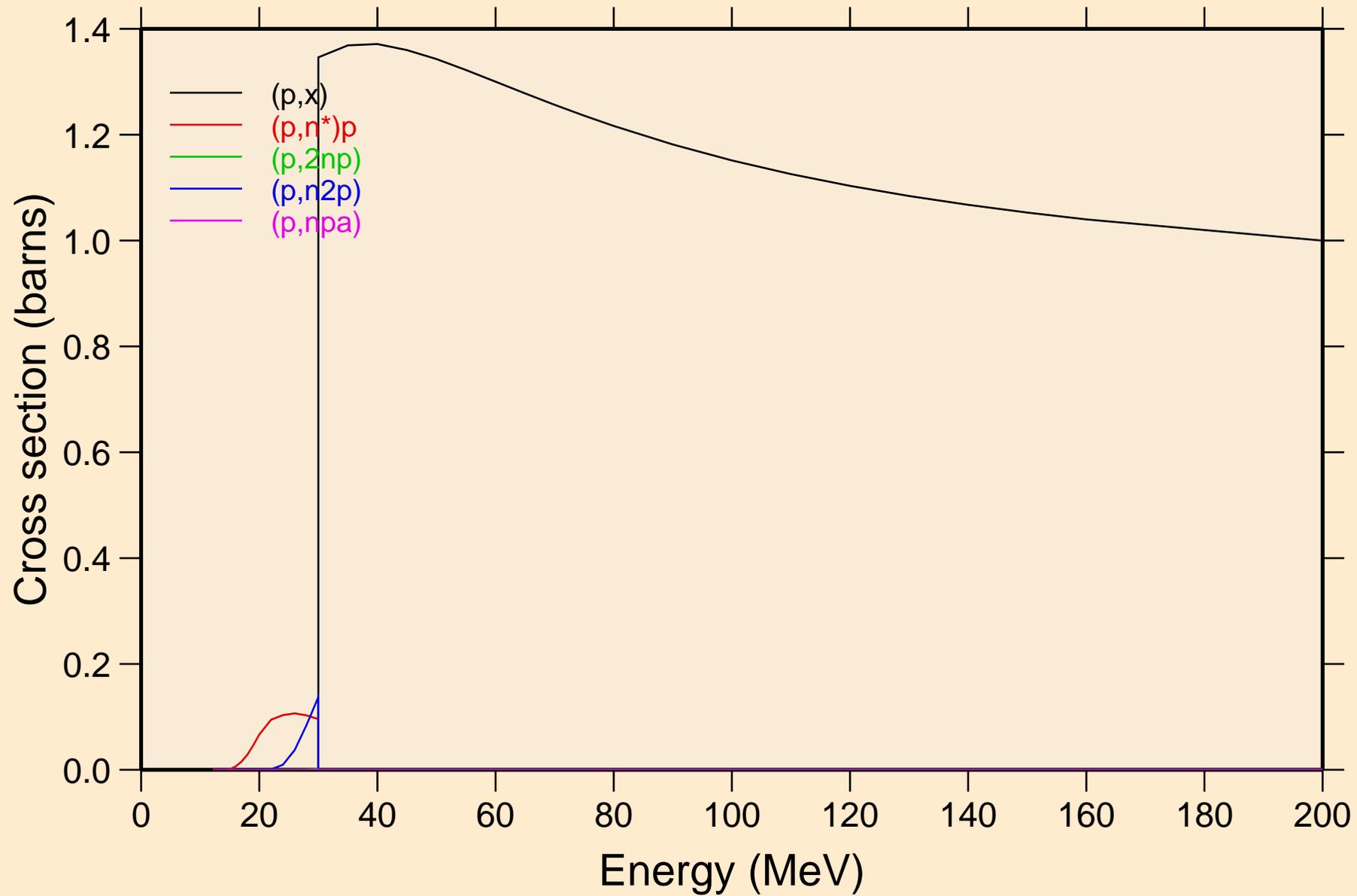
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## Heating



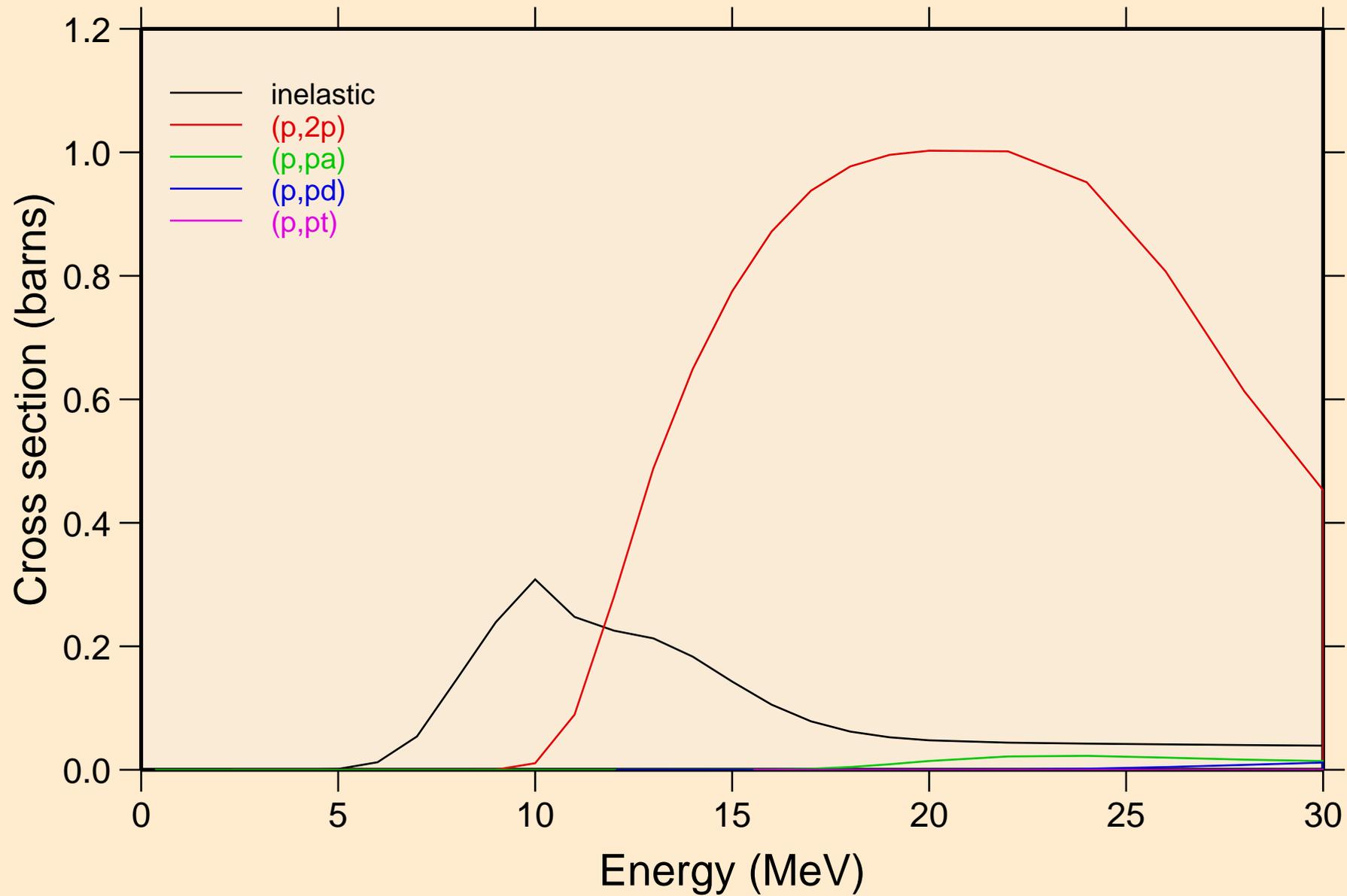
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## Threshold reactions

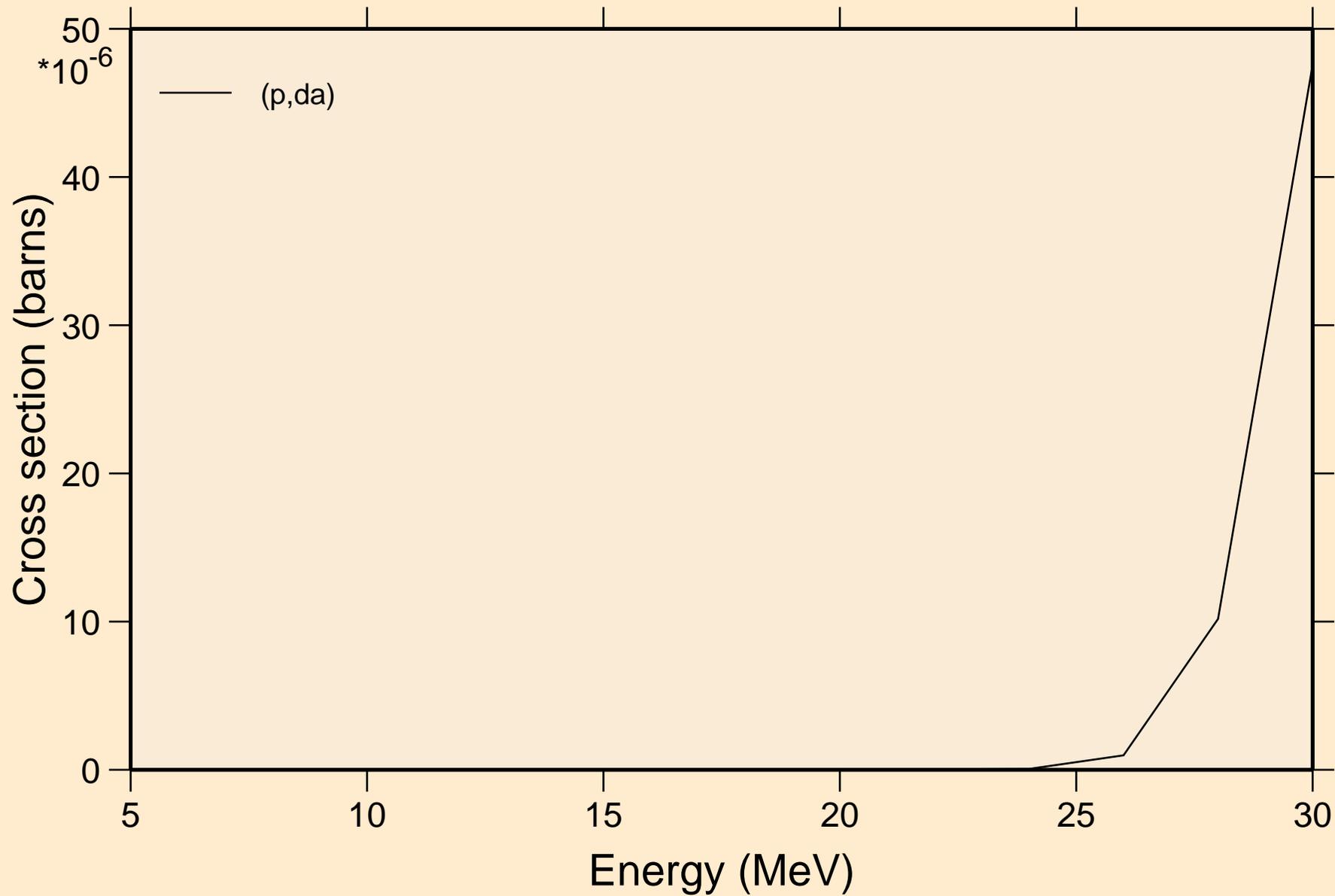


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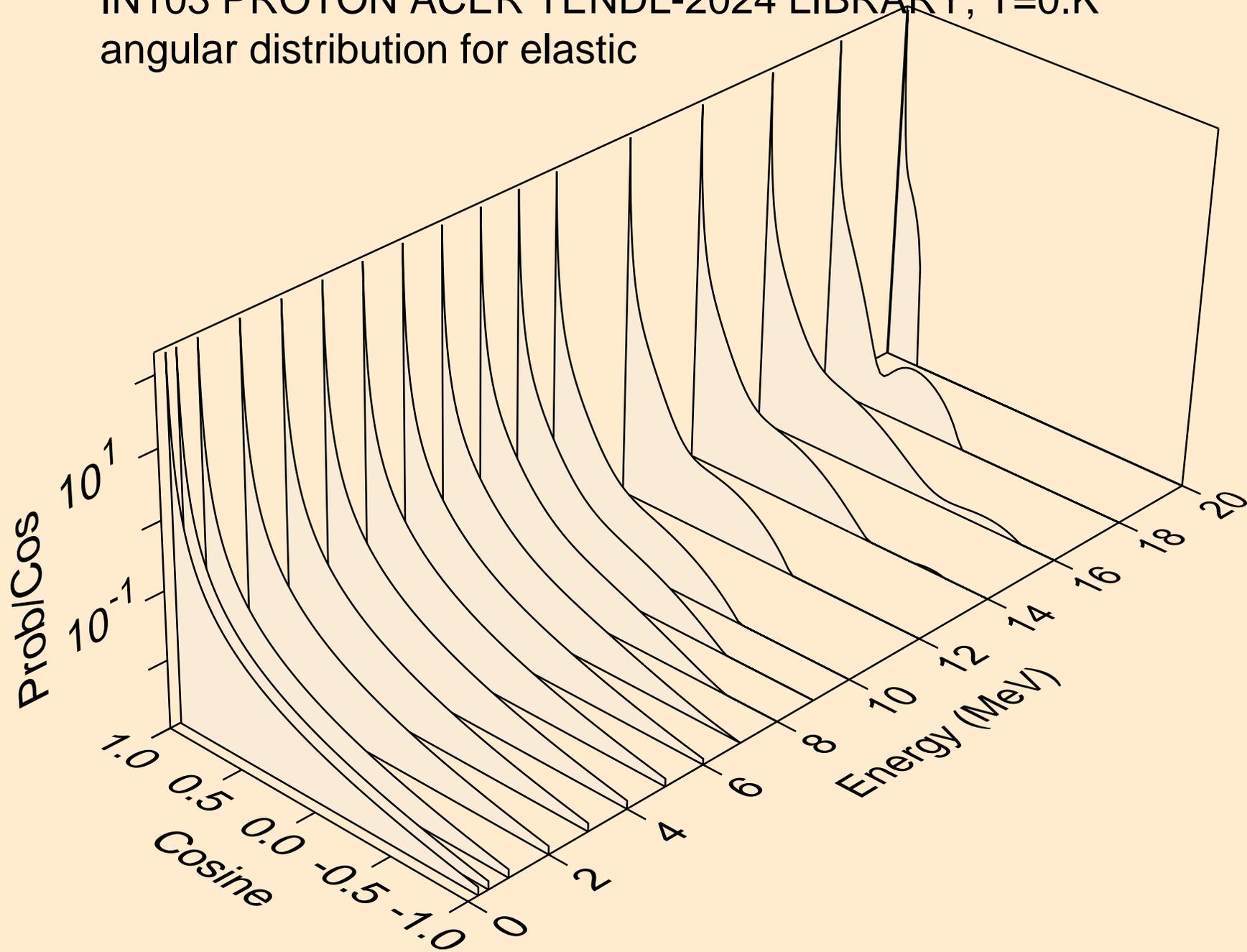
## Threshold reactions



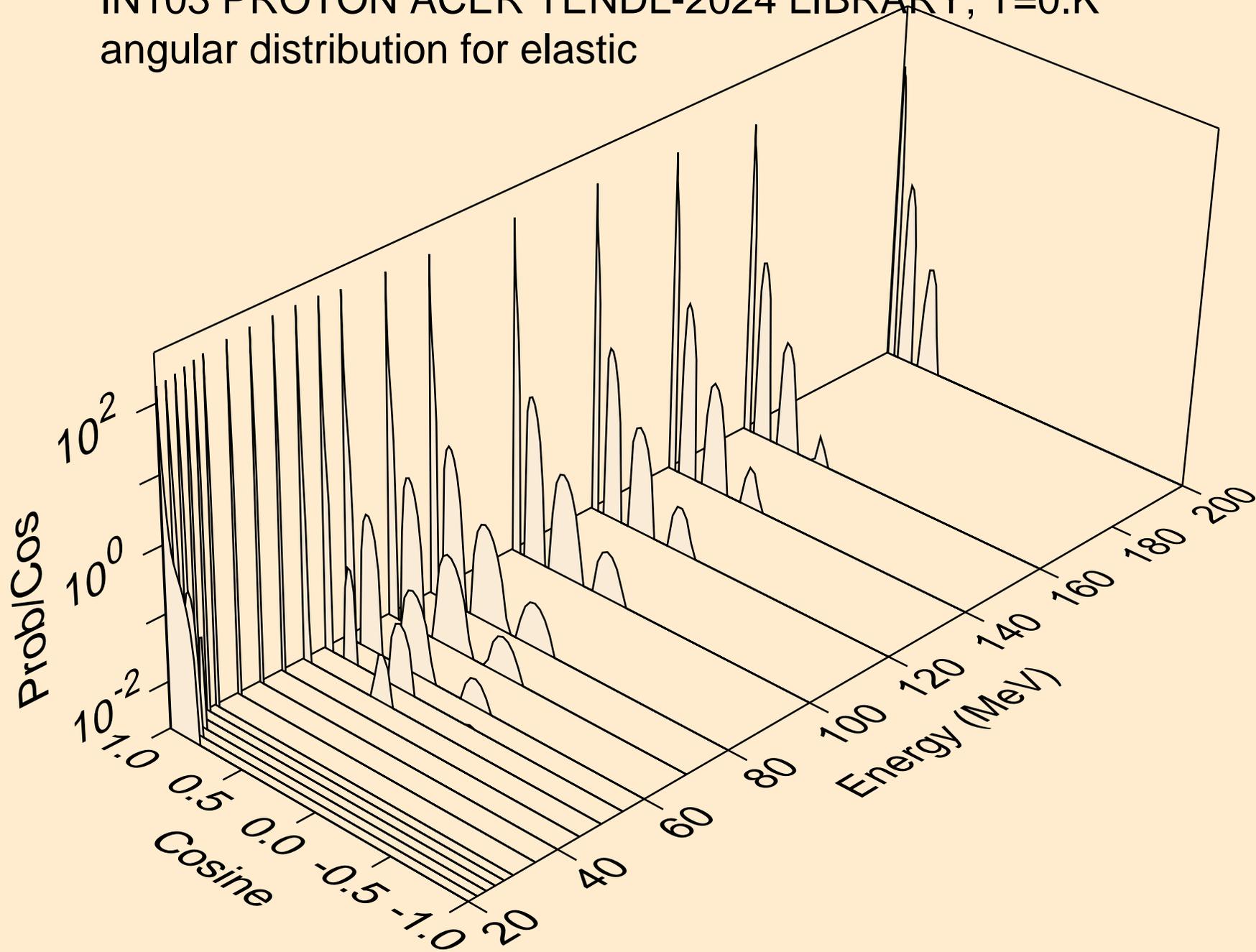
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



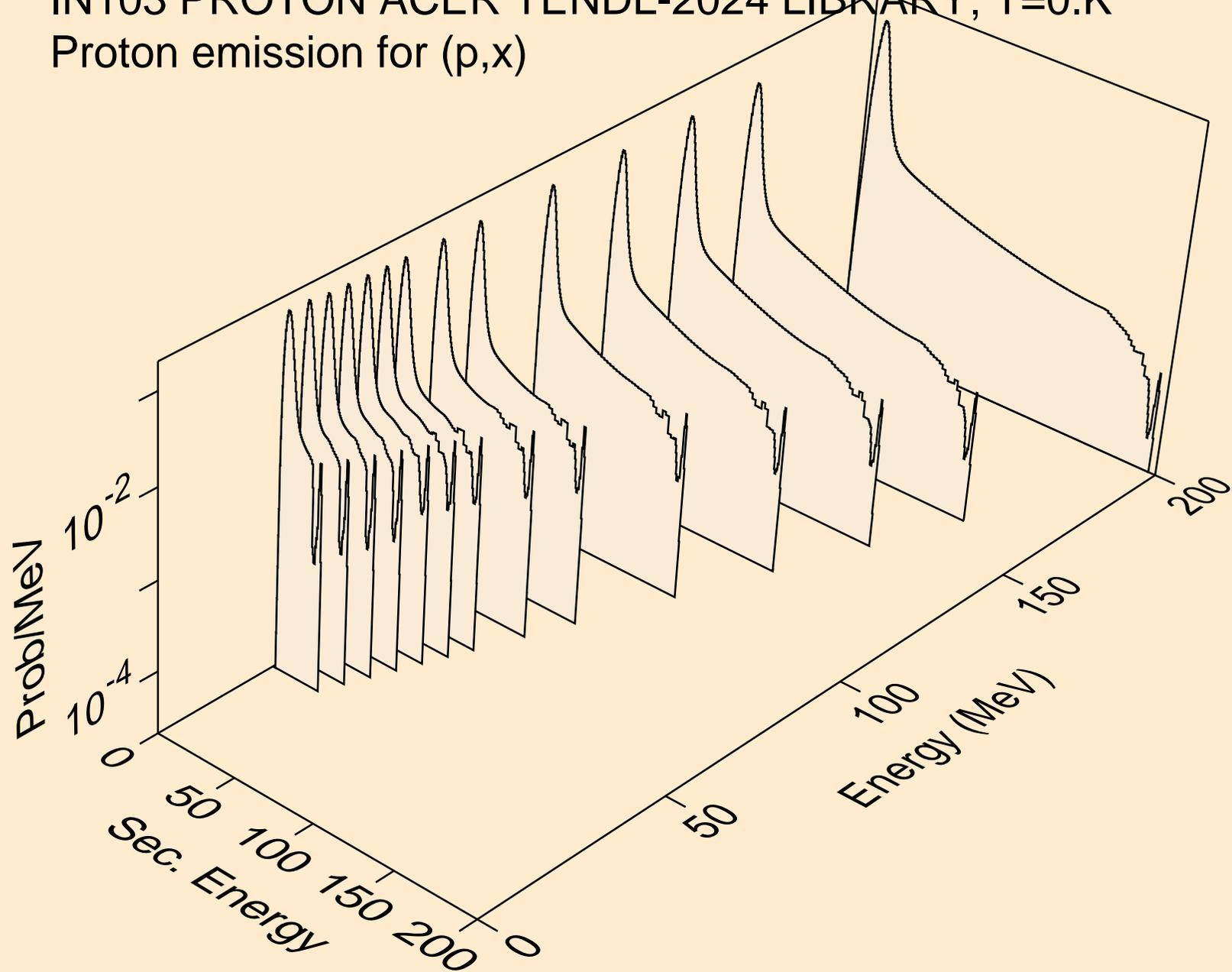
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



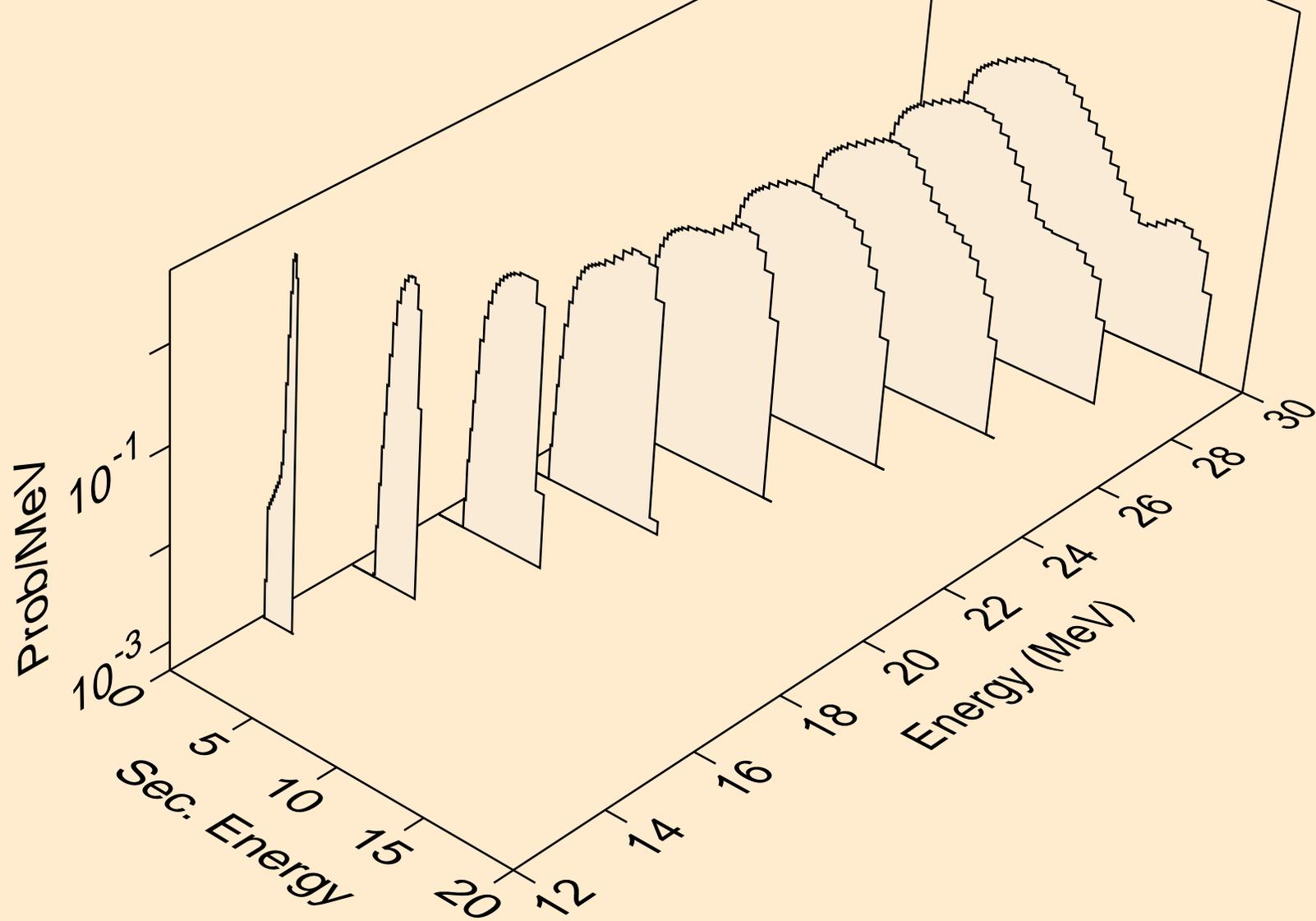
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



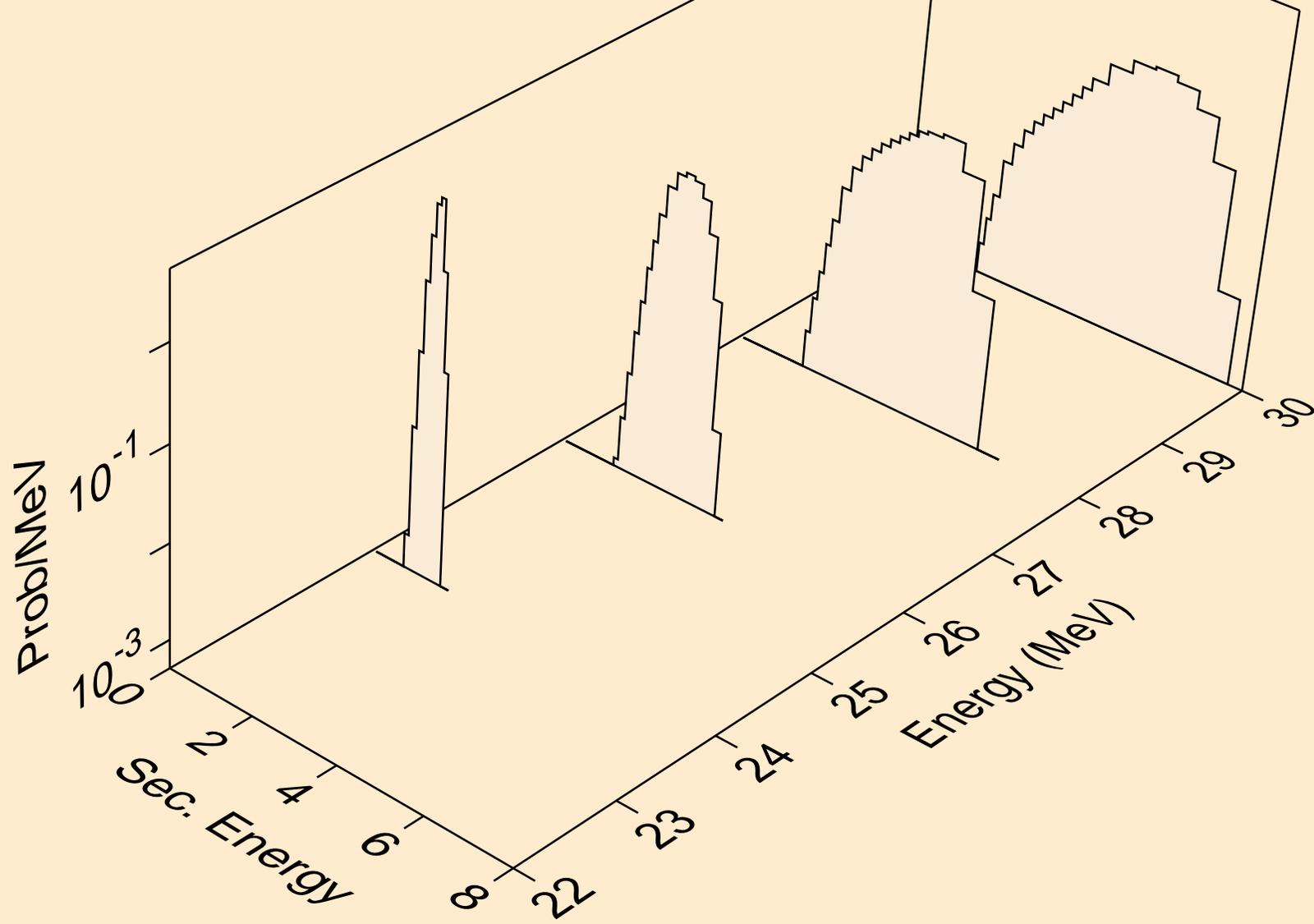
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



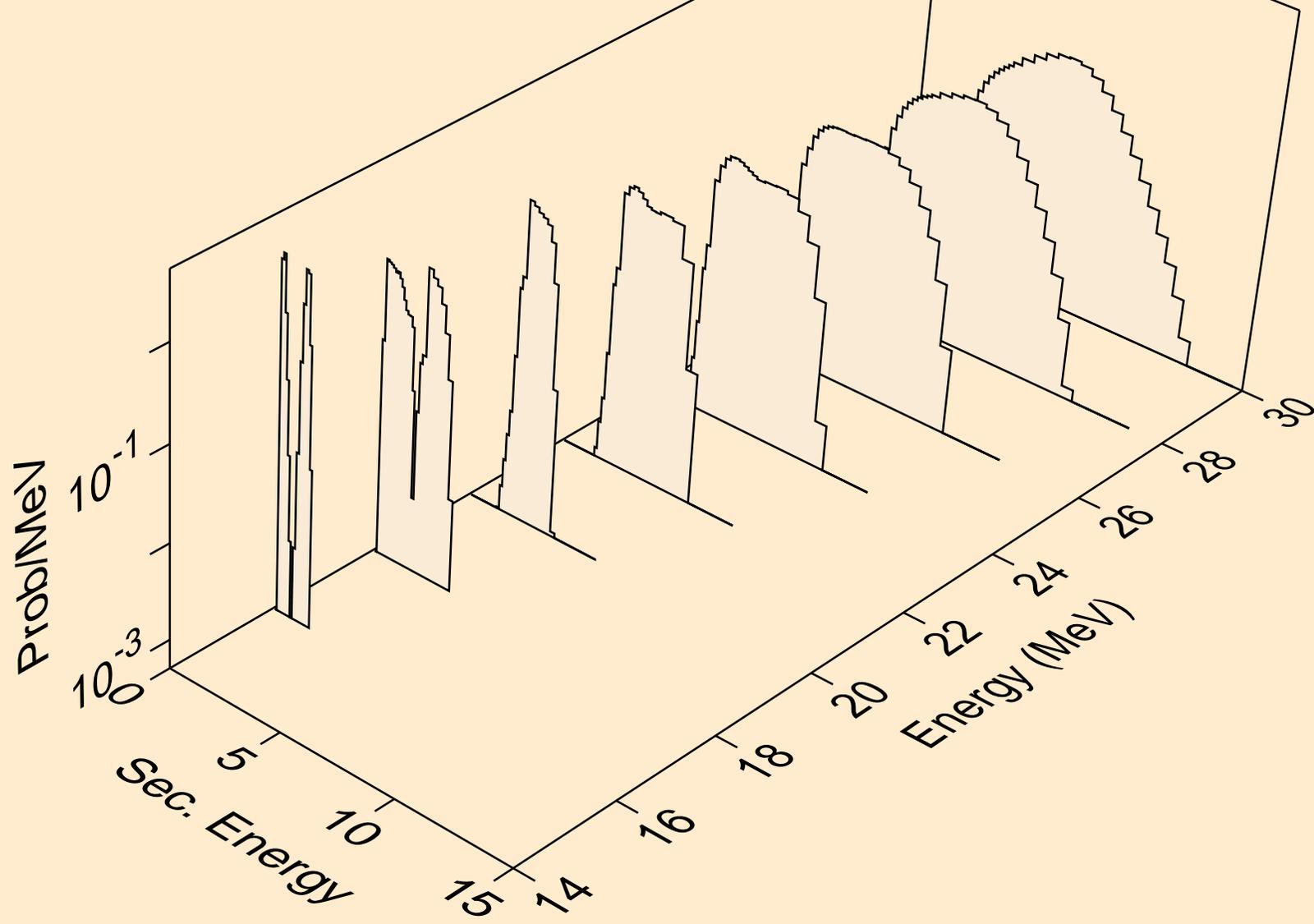
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



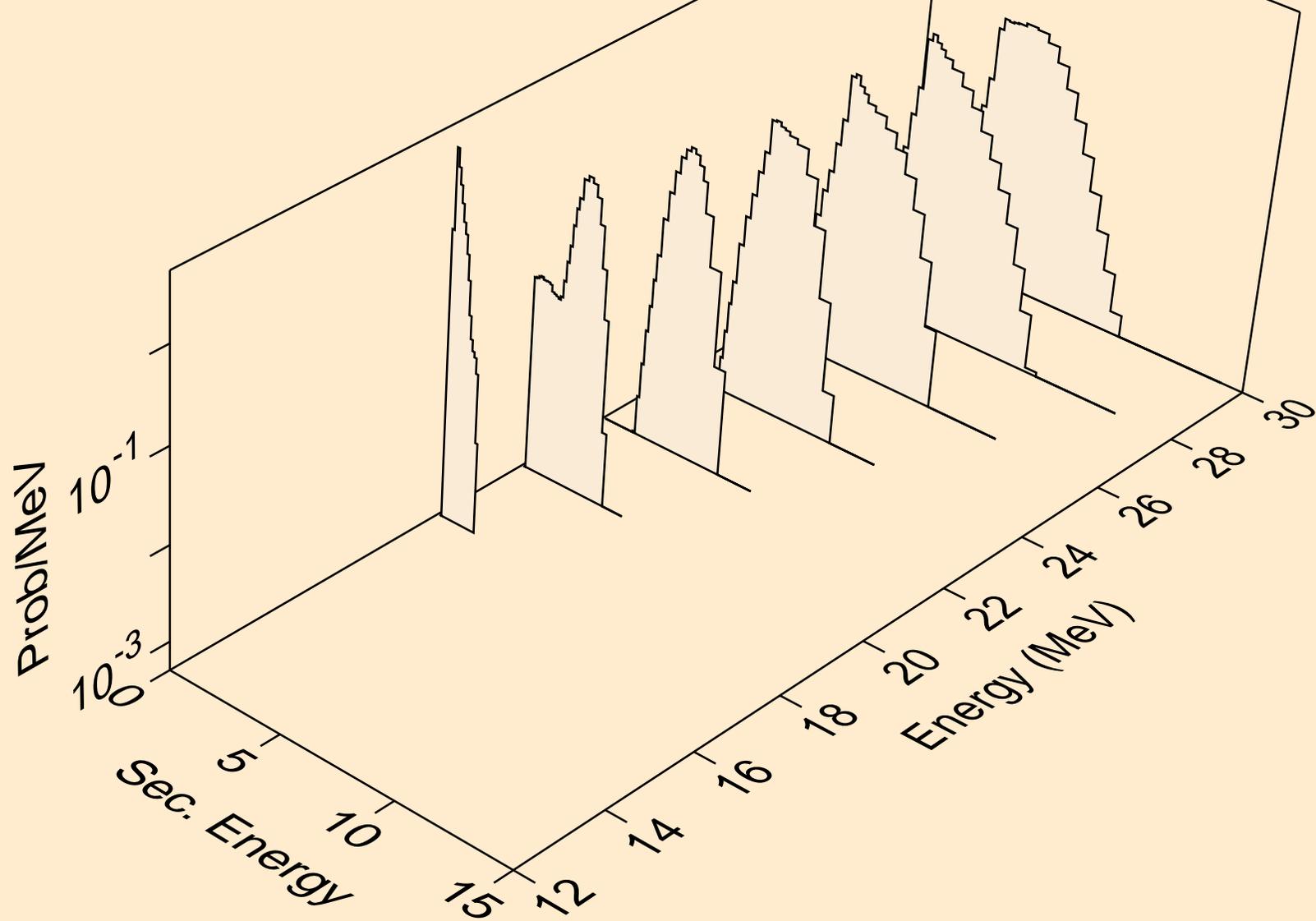
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



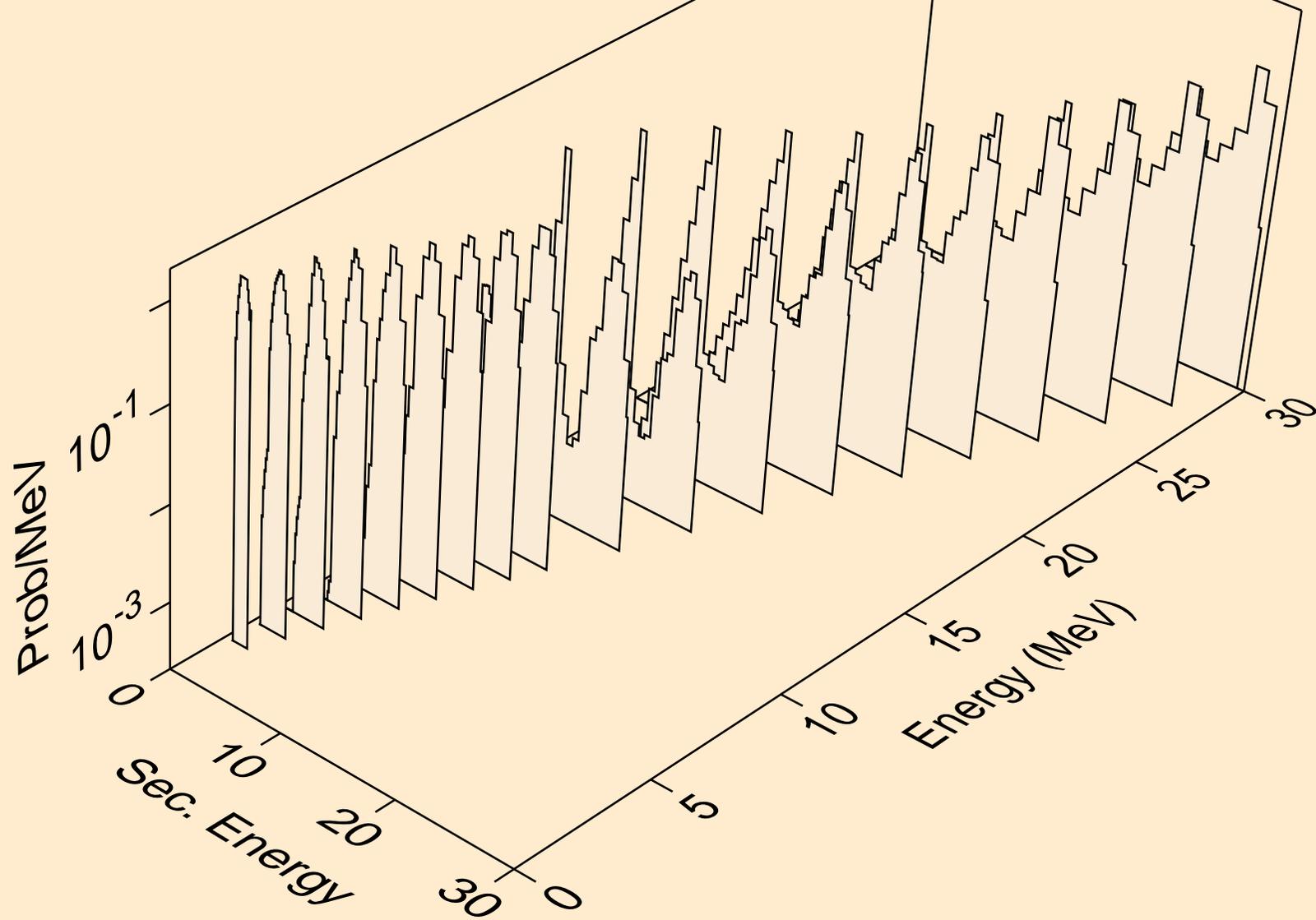
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Proton emission for (p,n2p)



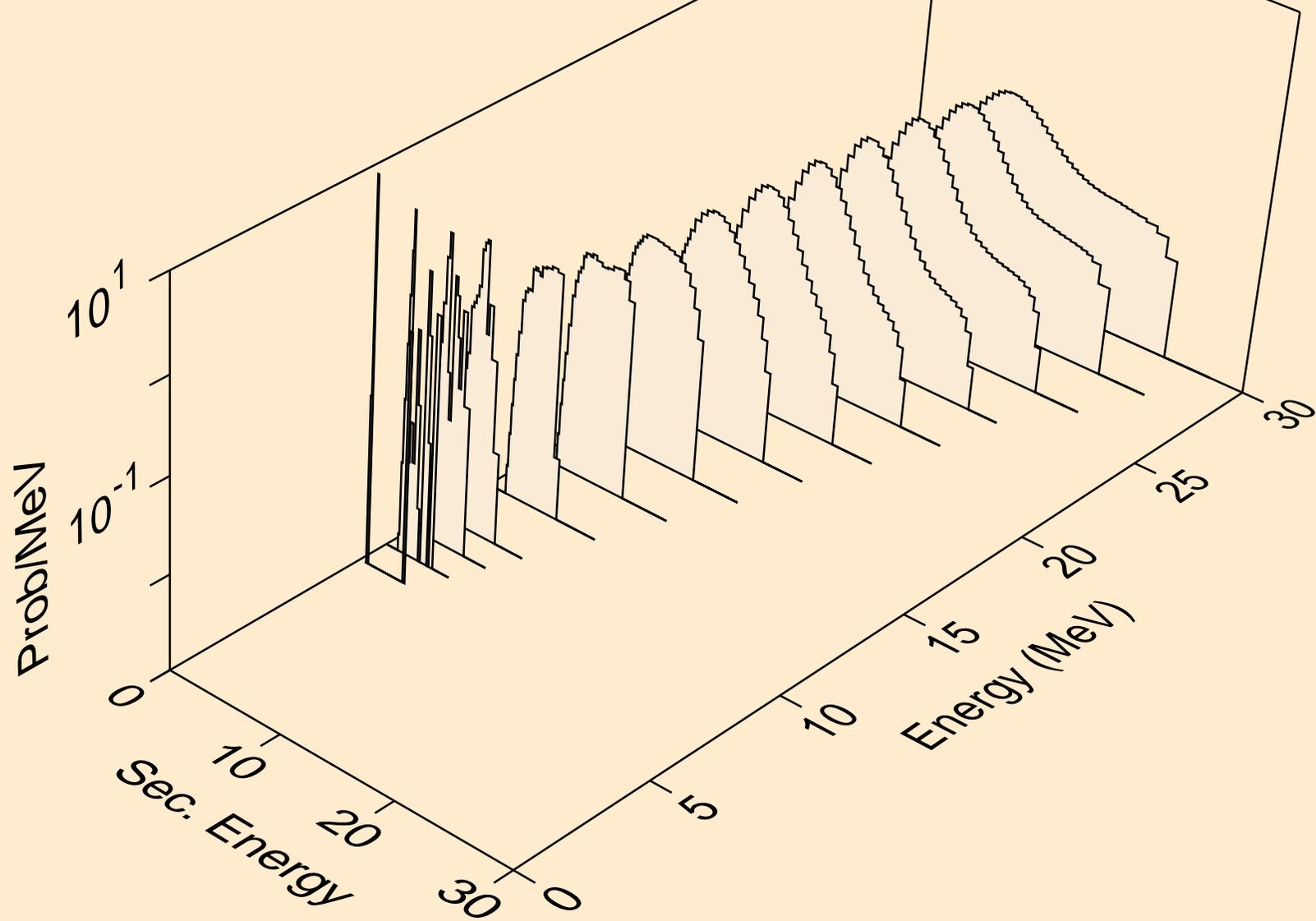
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



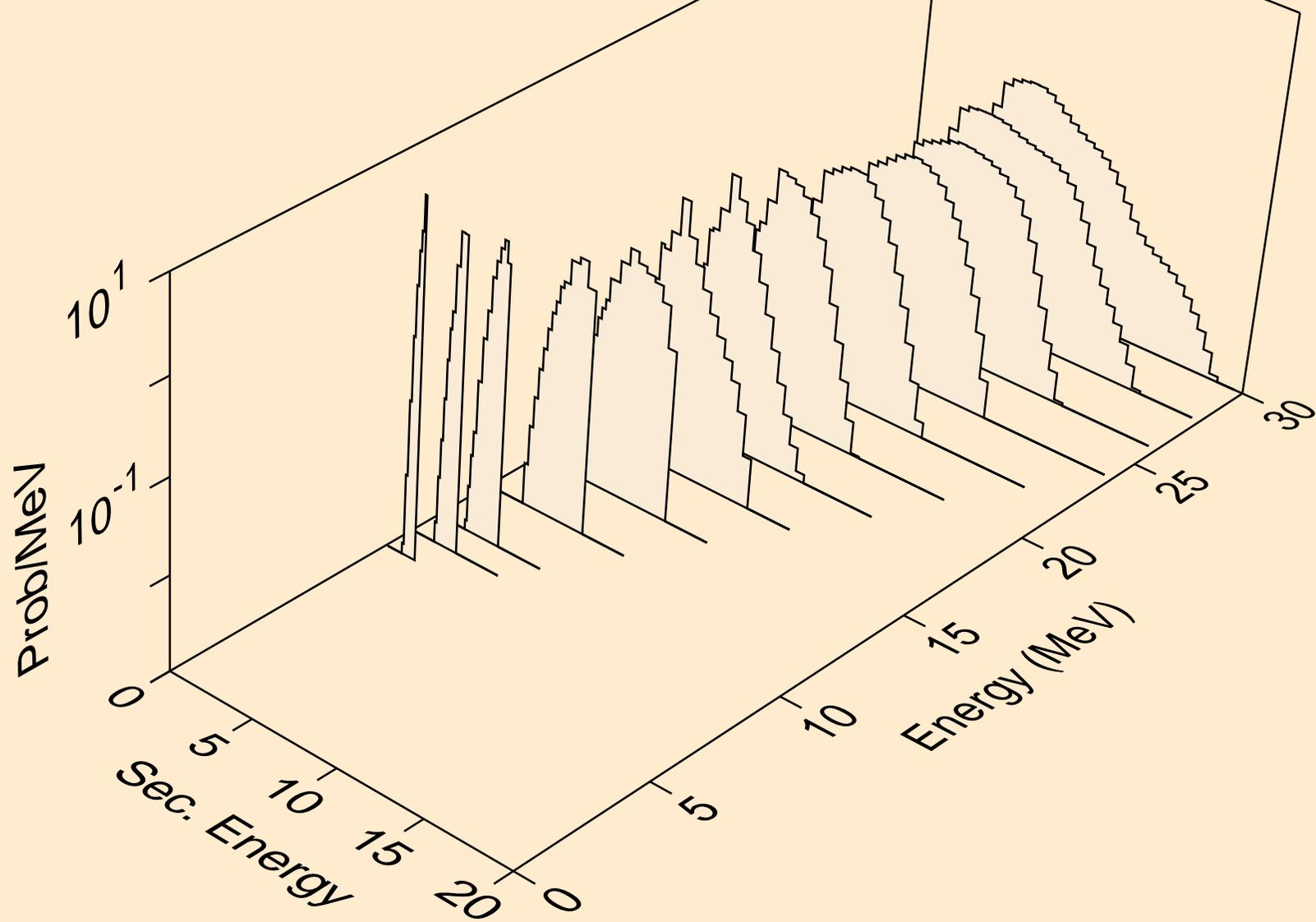
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



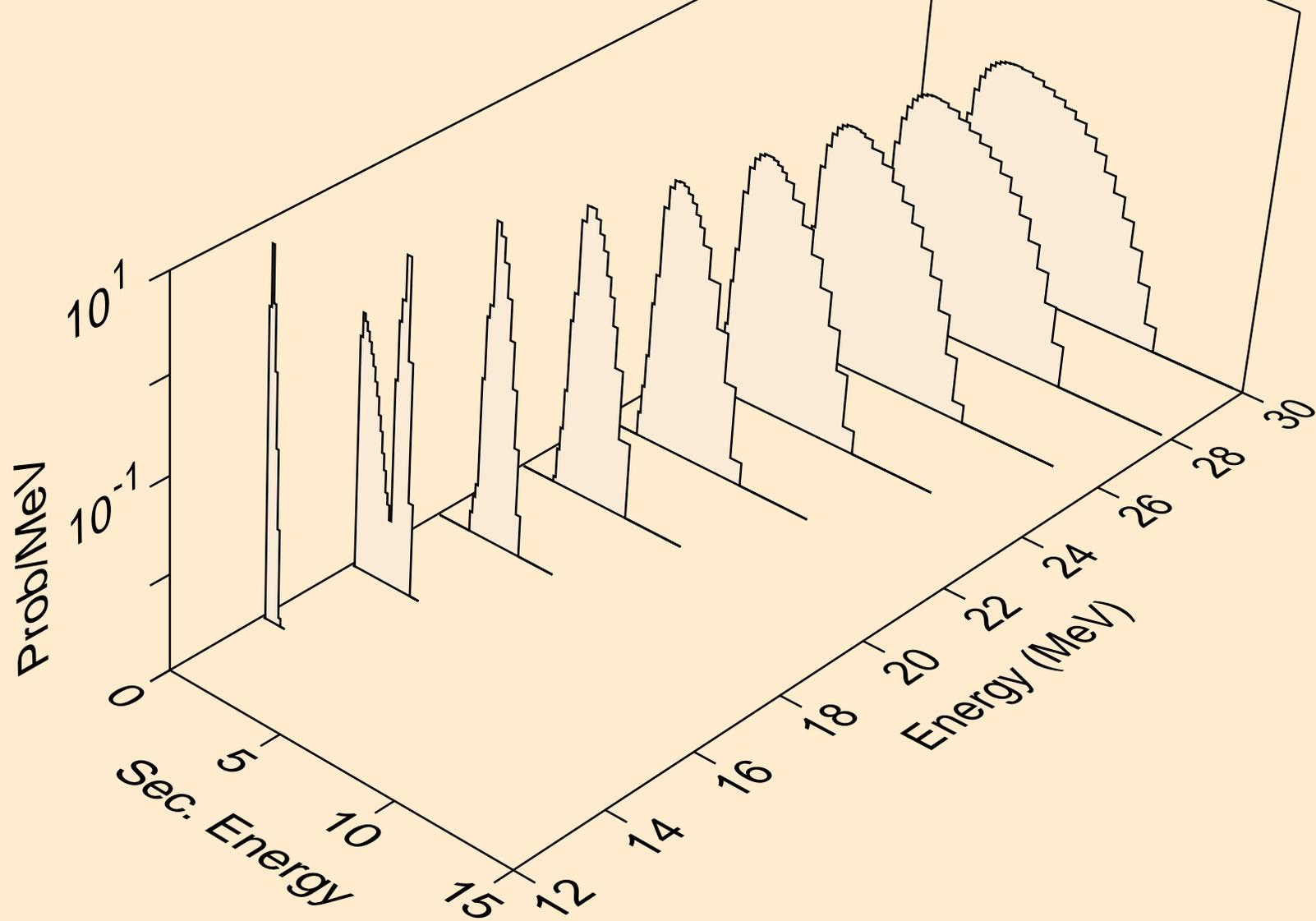
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Proton emission for (p,2p)



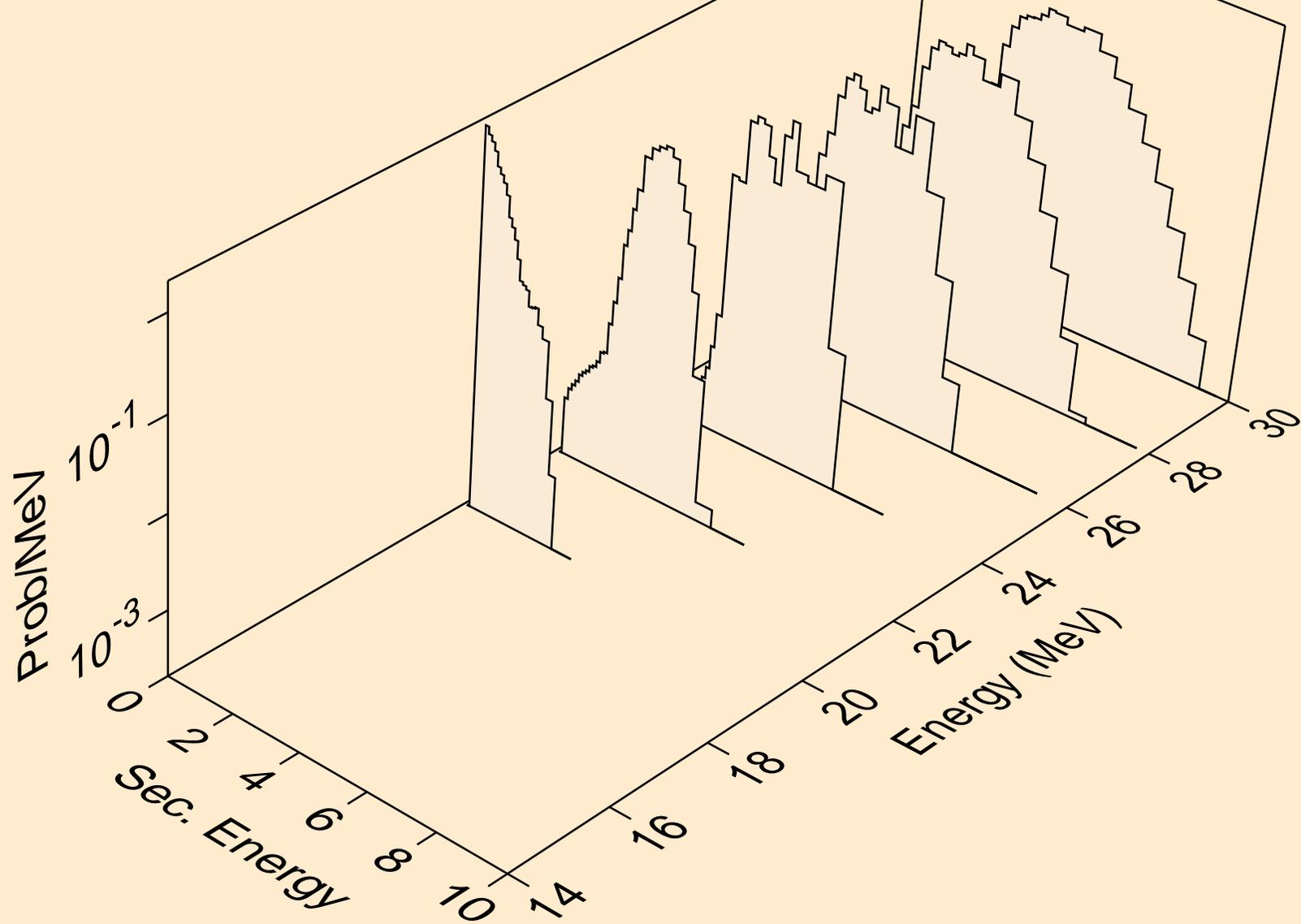
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Proton emission for (p,pa)



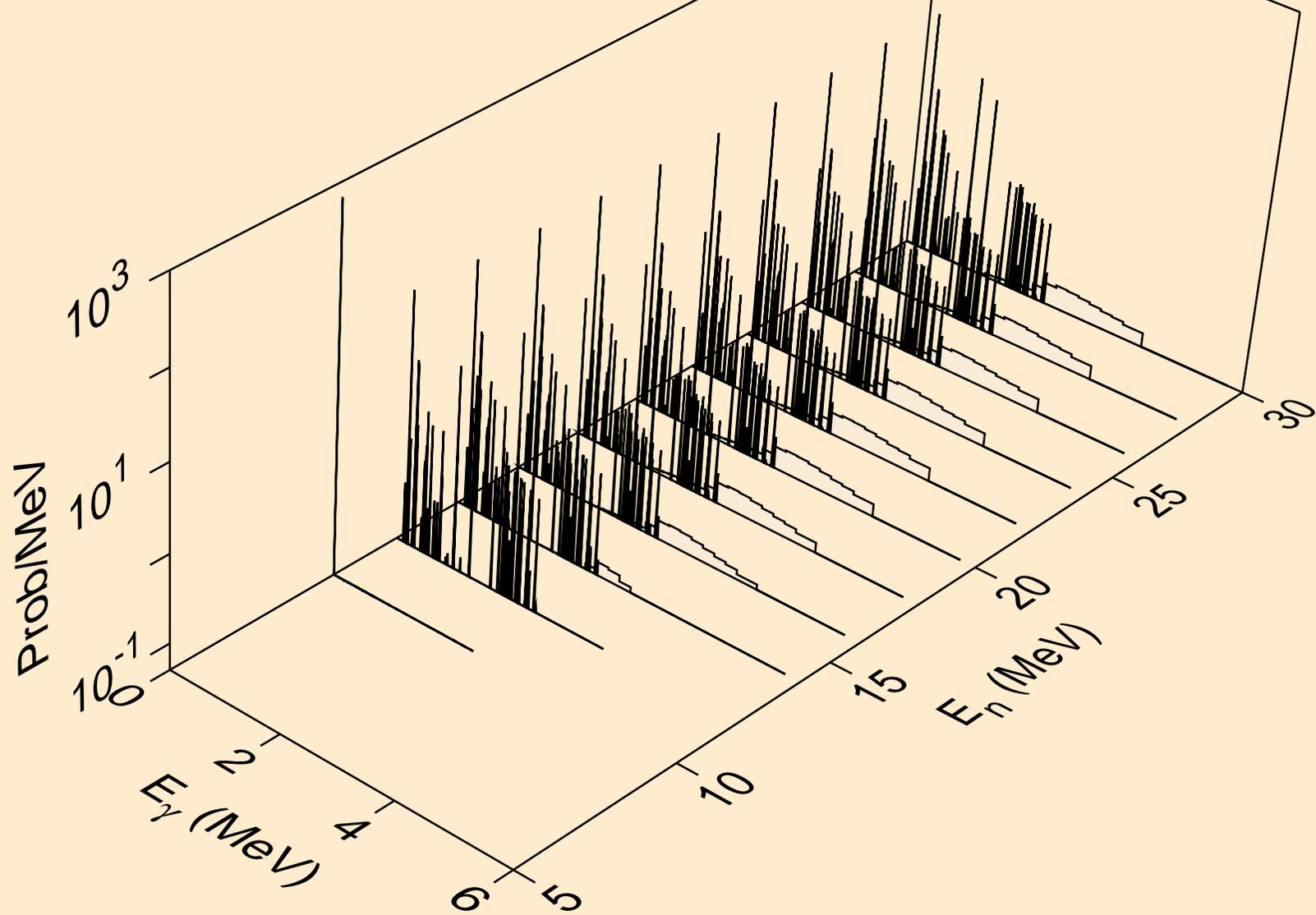
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Proton emission for (p,pd)



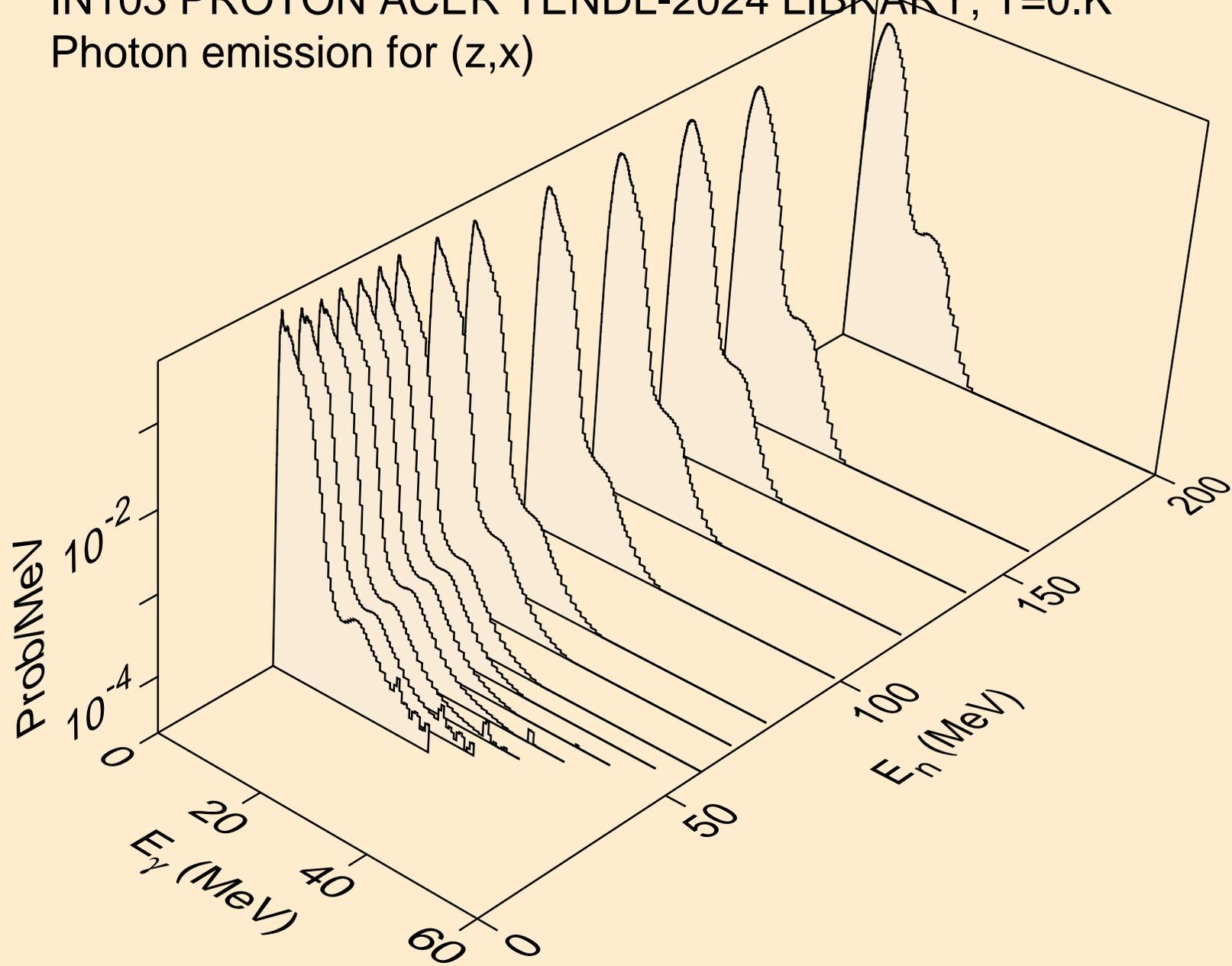
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Proton emission for (p,pt)



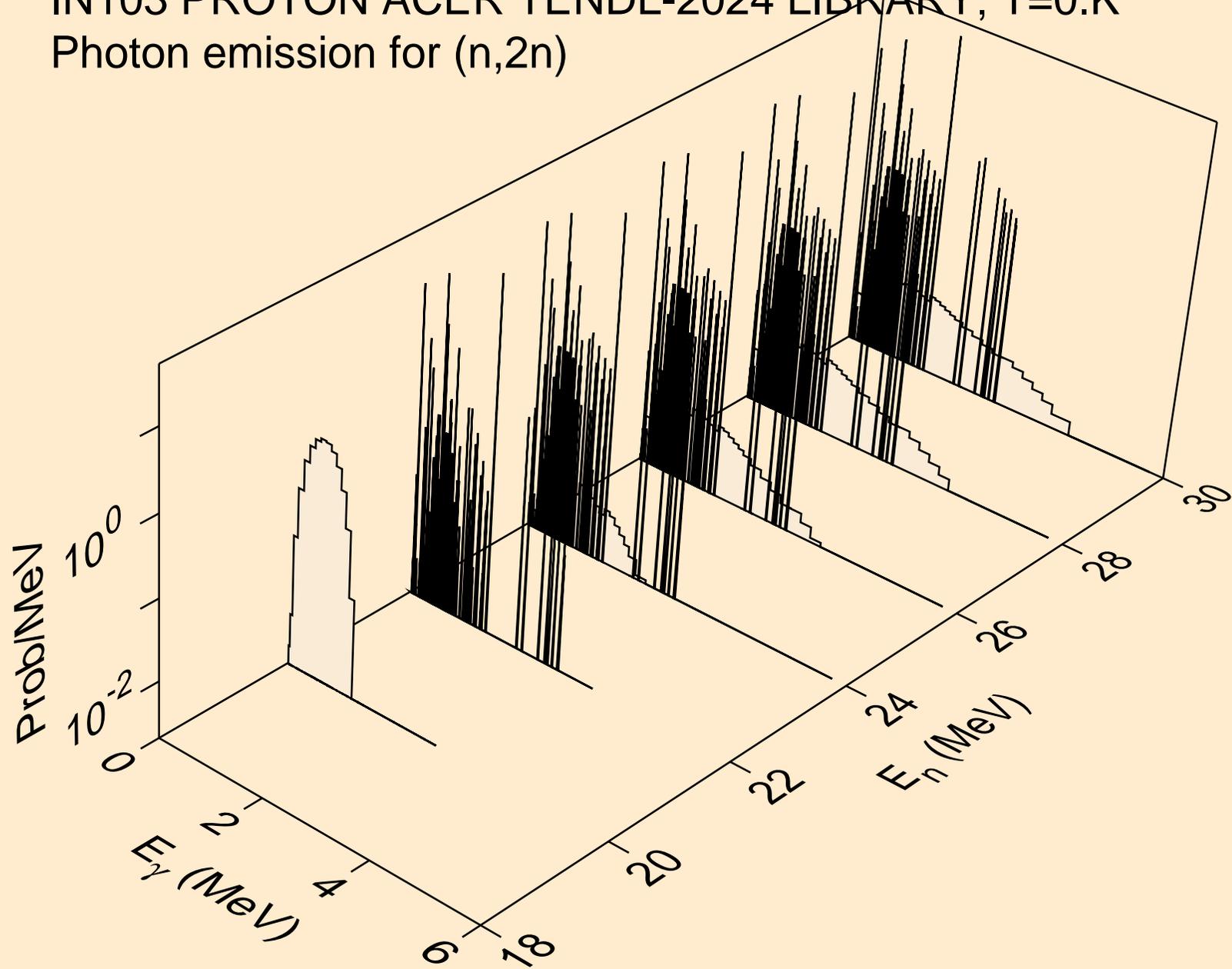
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



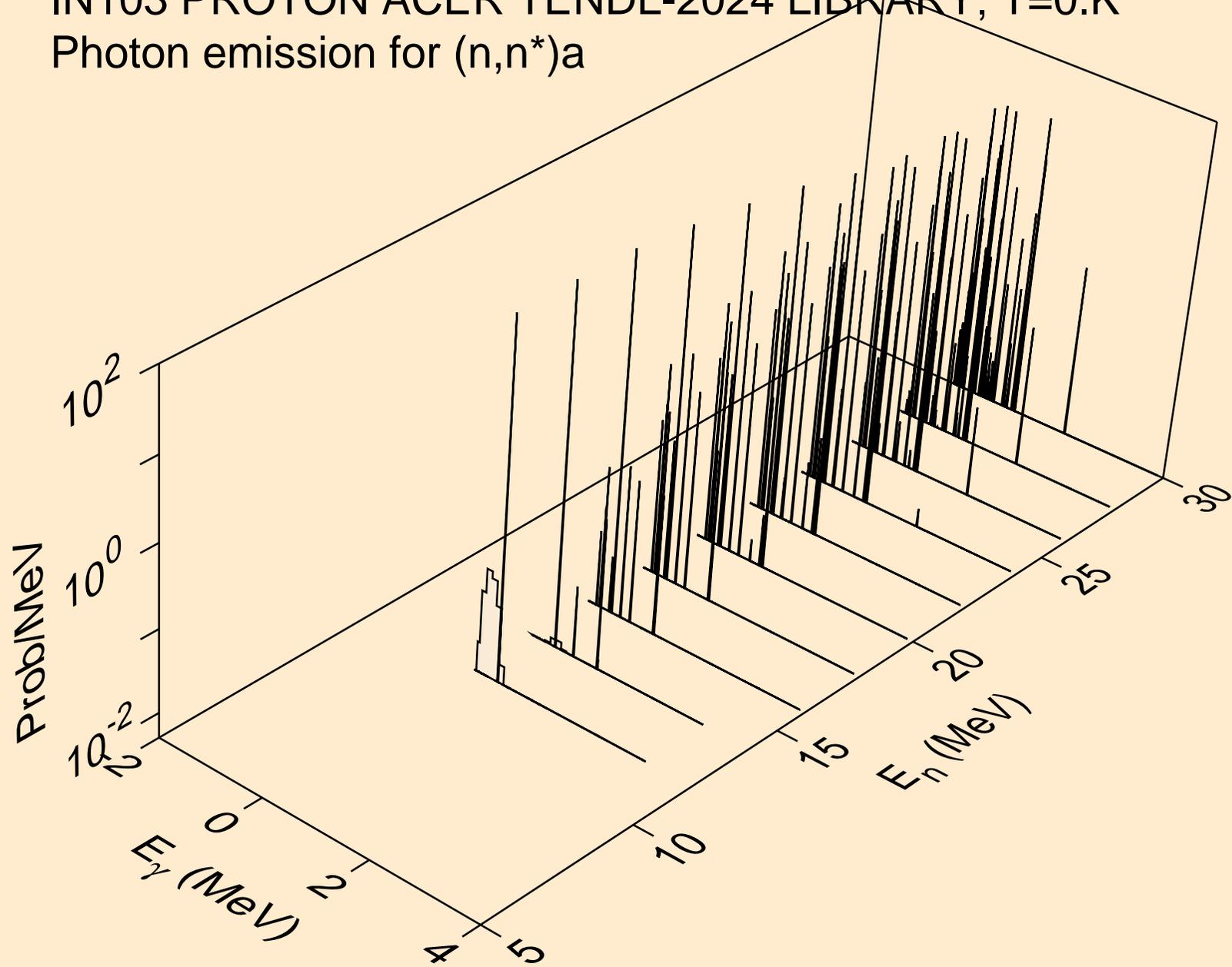
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Photon emission for (z,x)



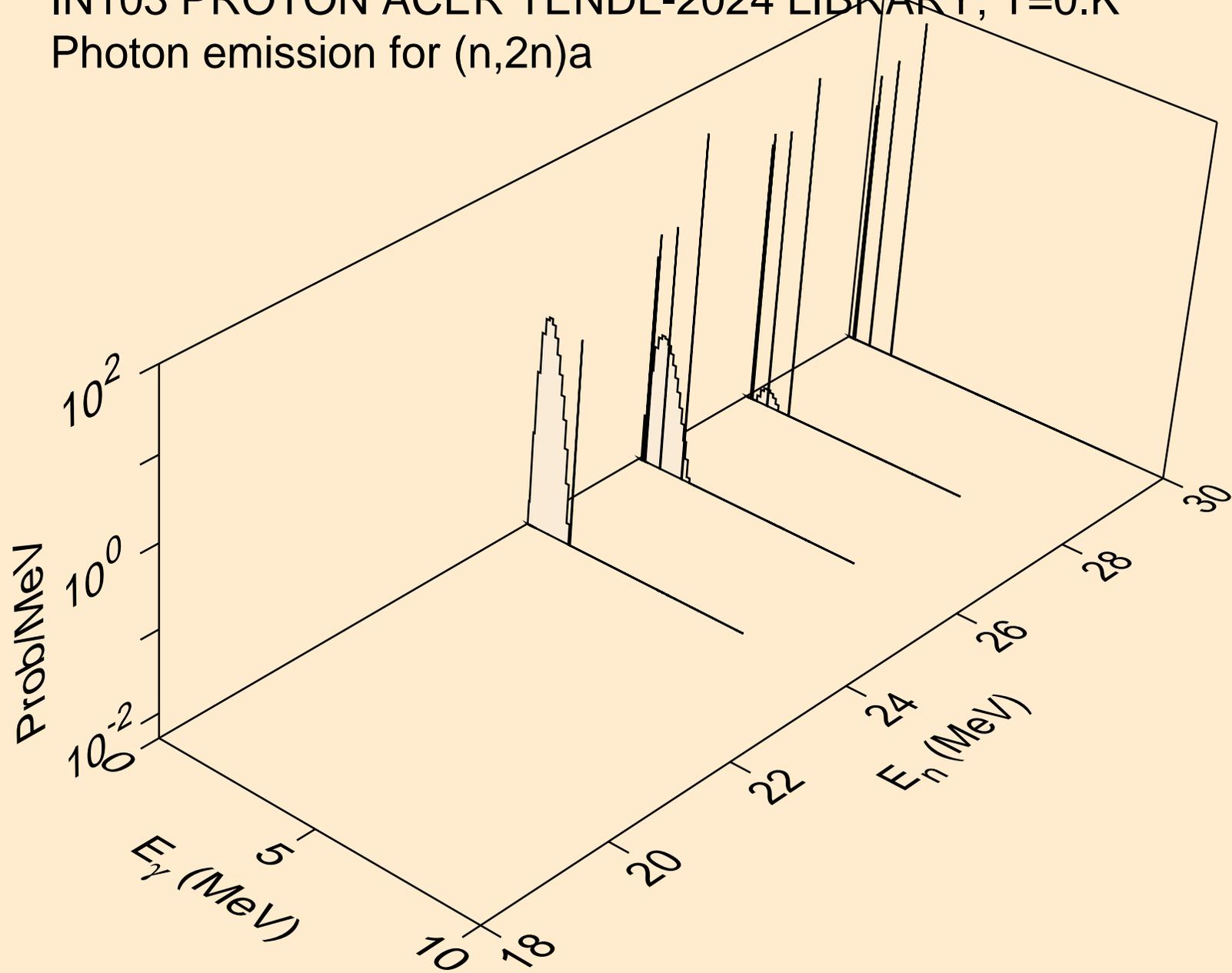
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



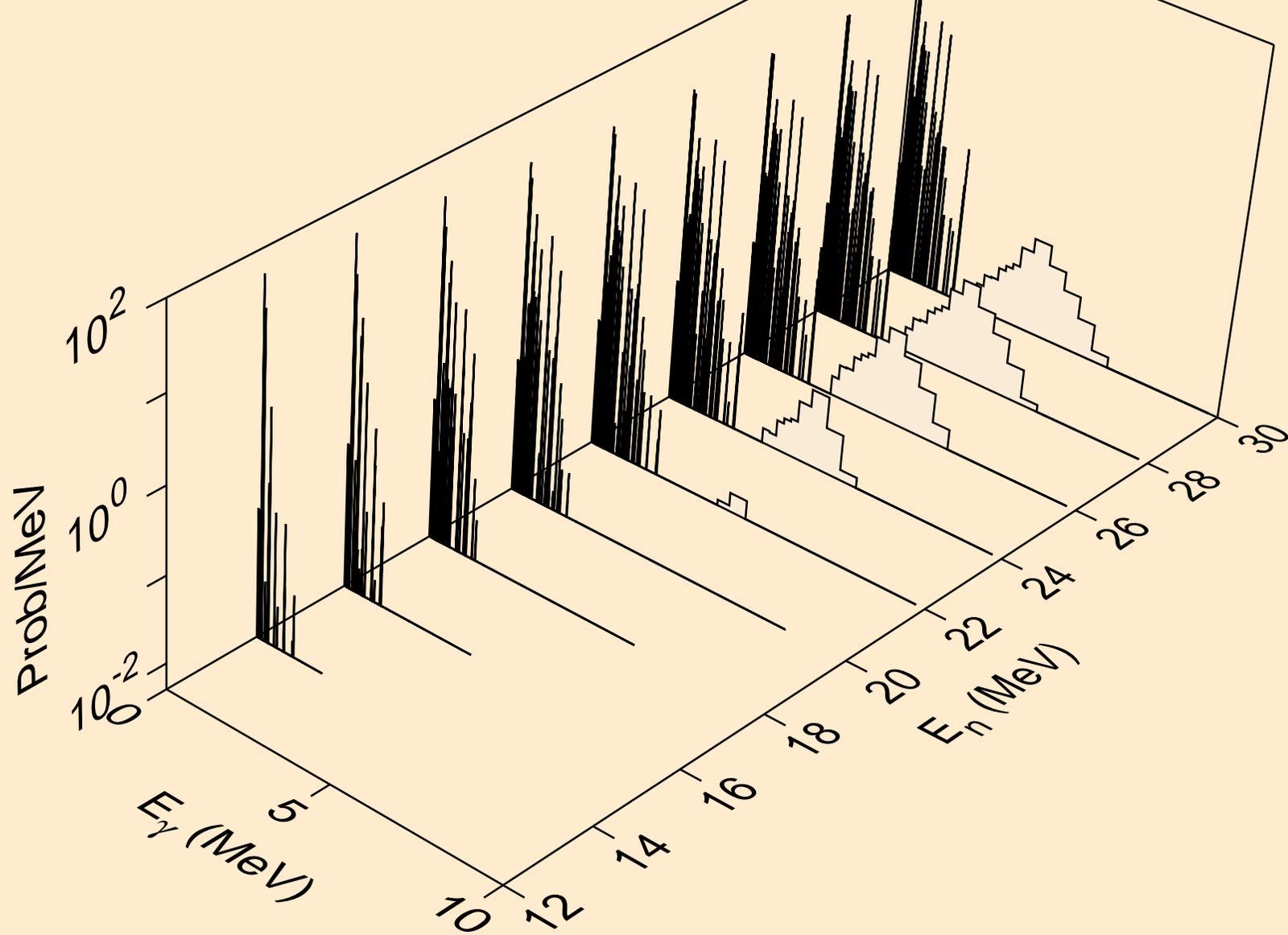
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



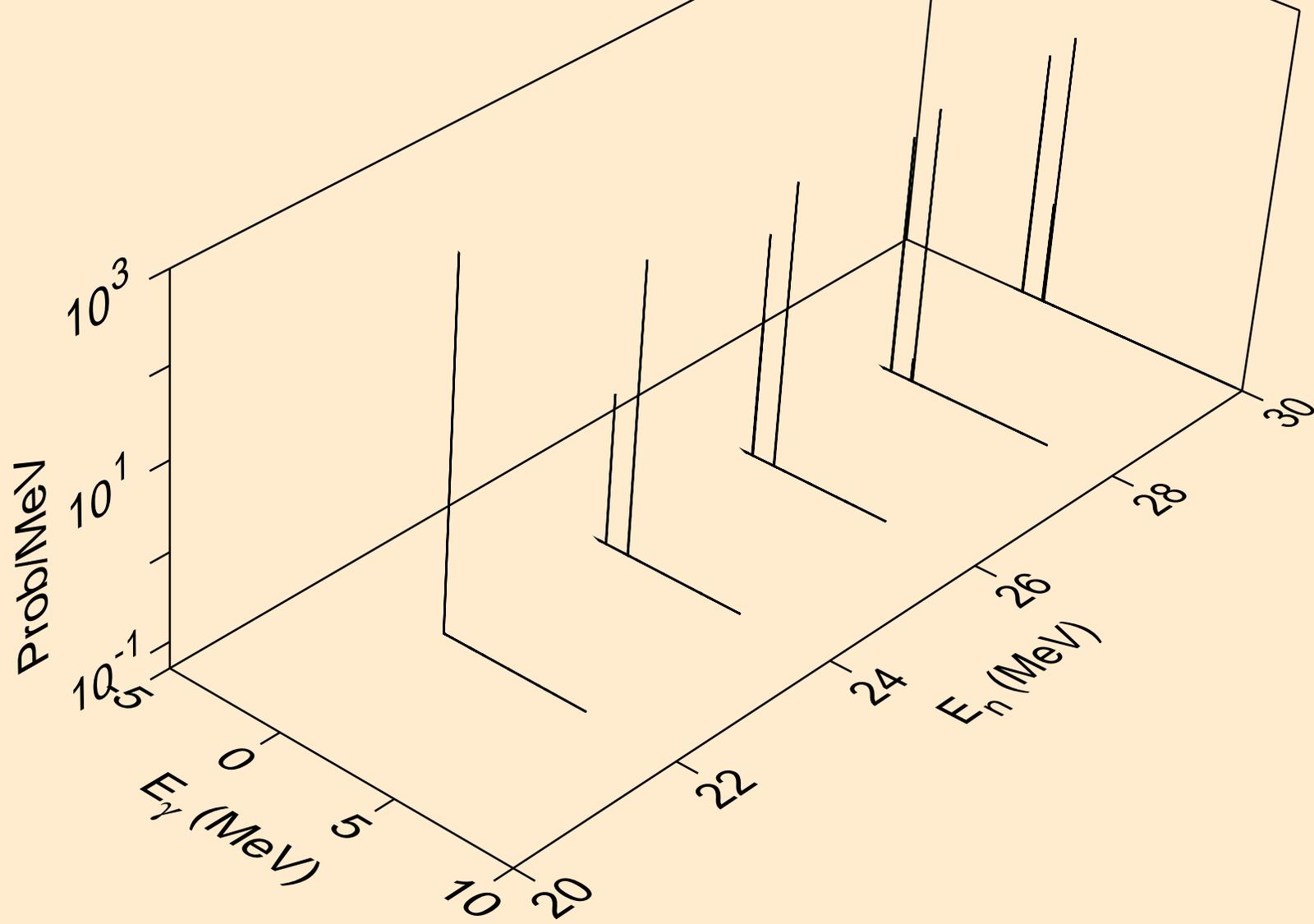
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Photon emission for (n,2n)a



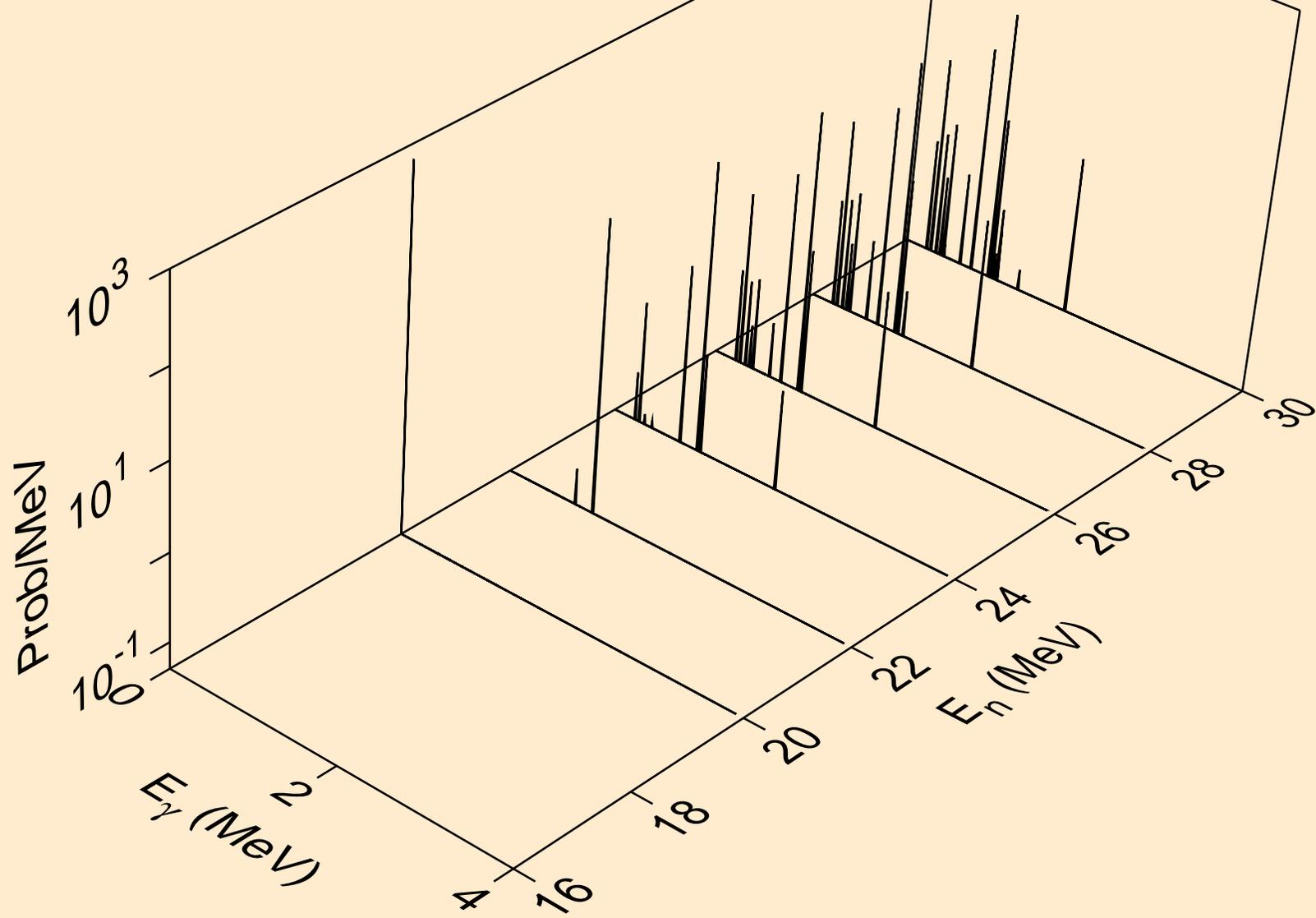
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Photon emission for (n,n\*)p



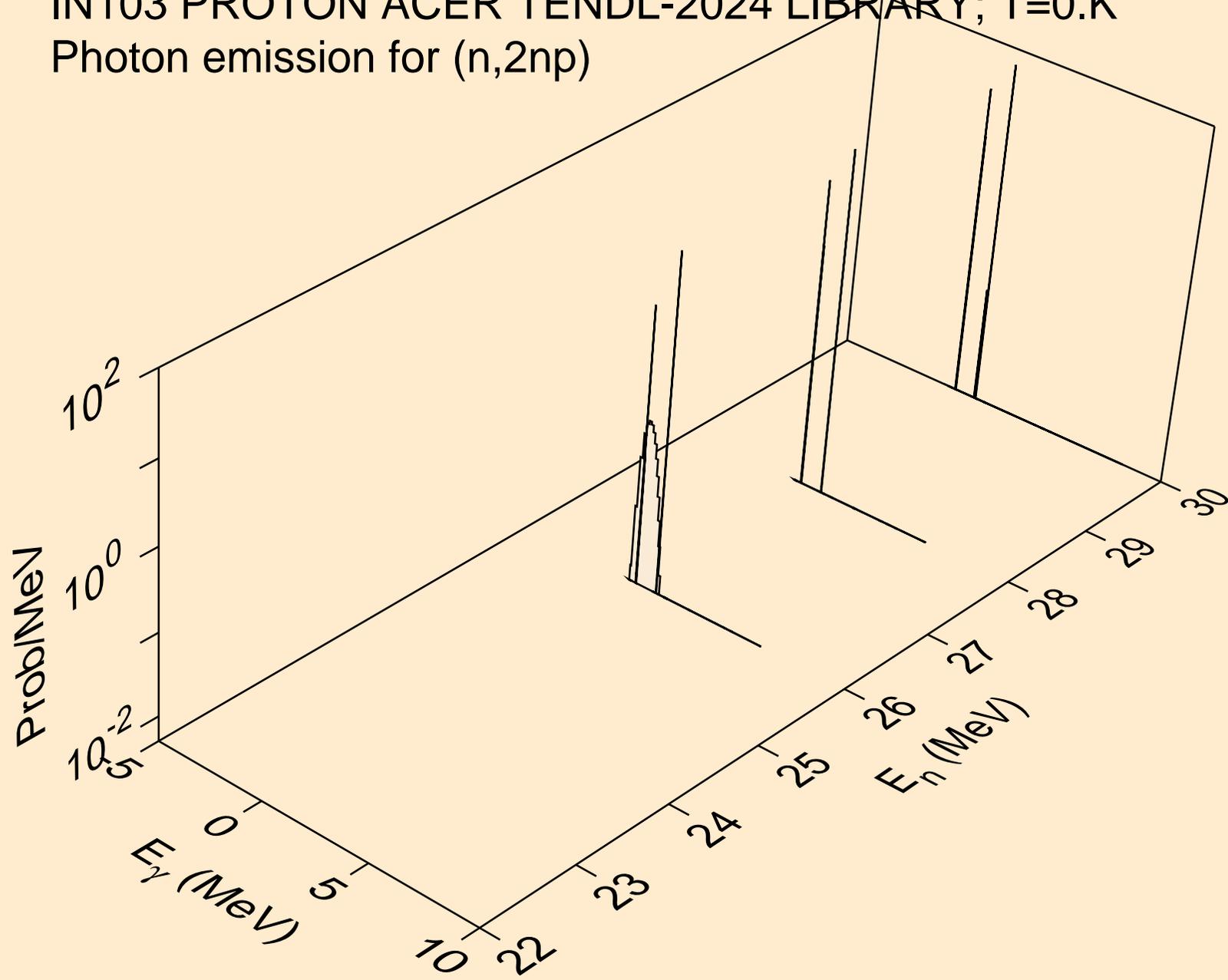
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Photon emission for (n,n\*)d



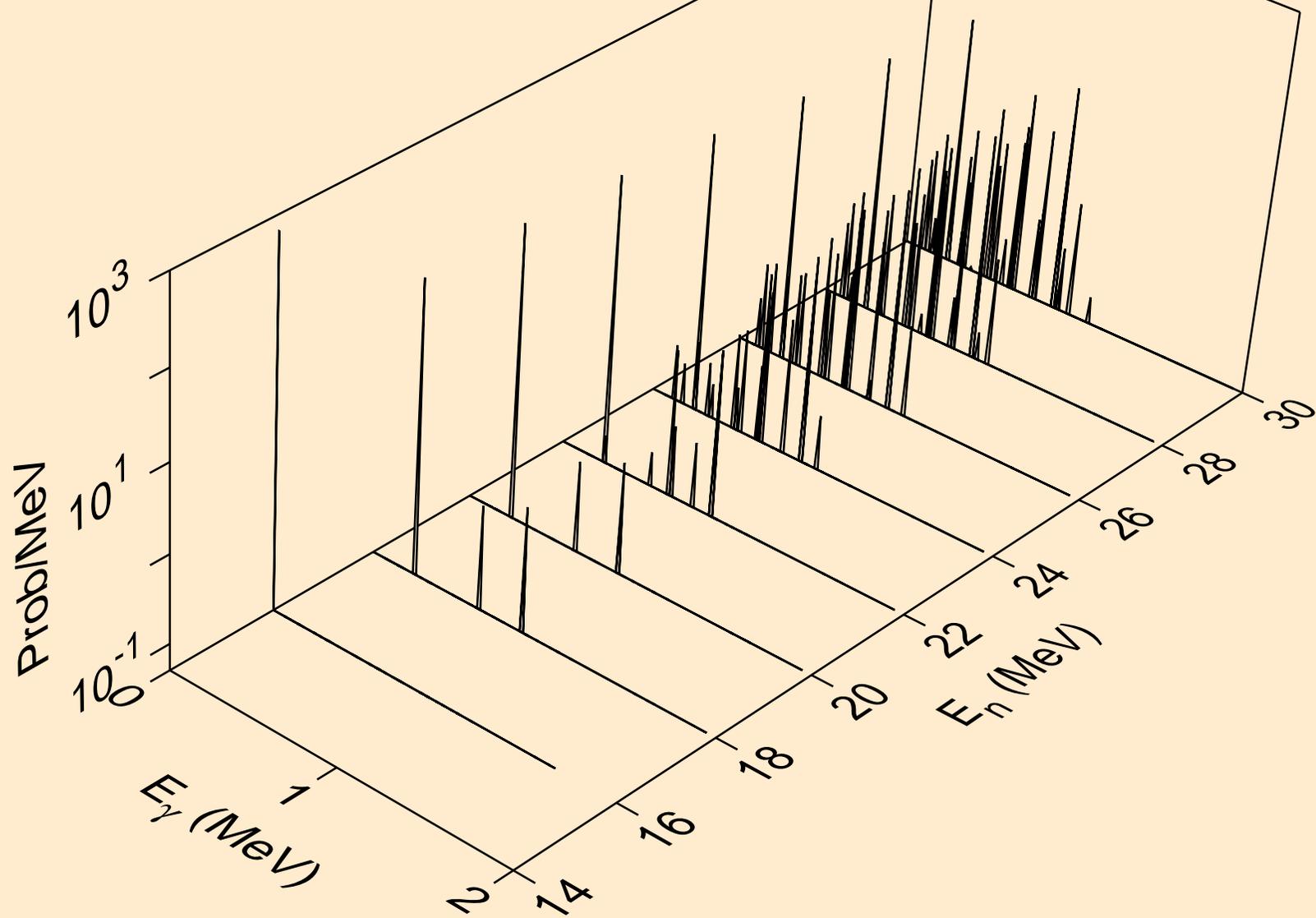
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



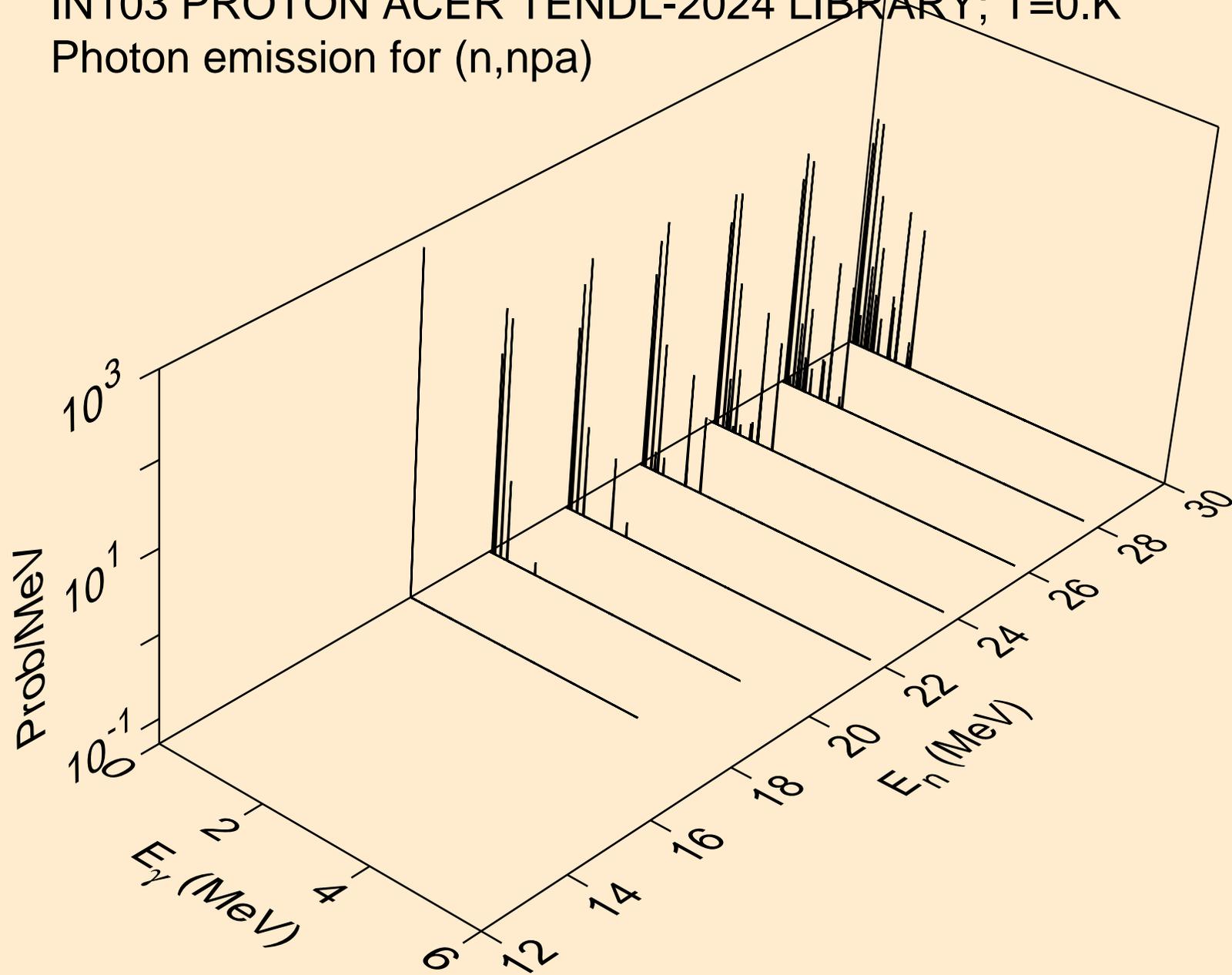
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



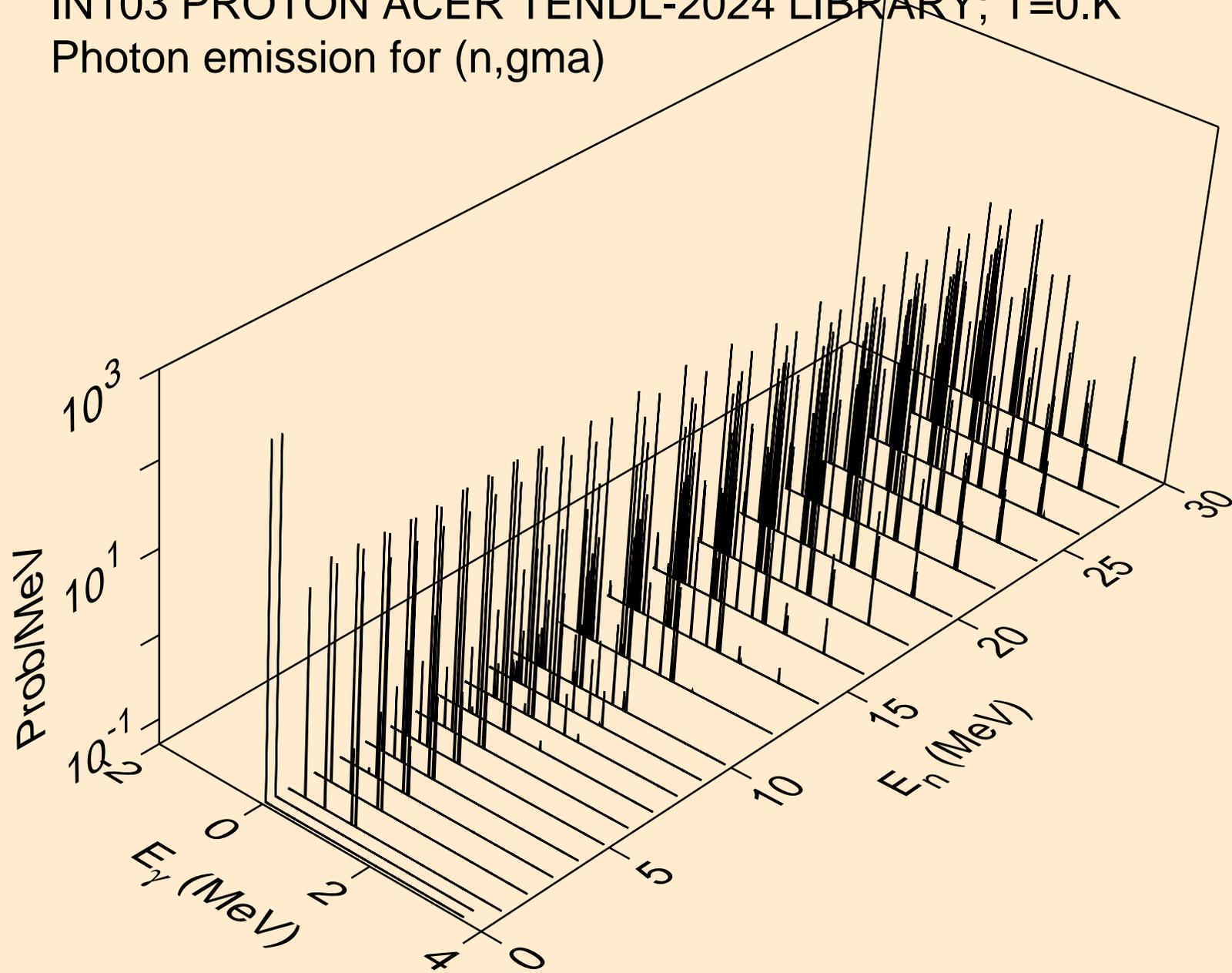
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Photon emission for (n,n2p)



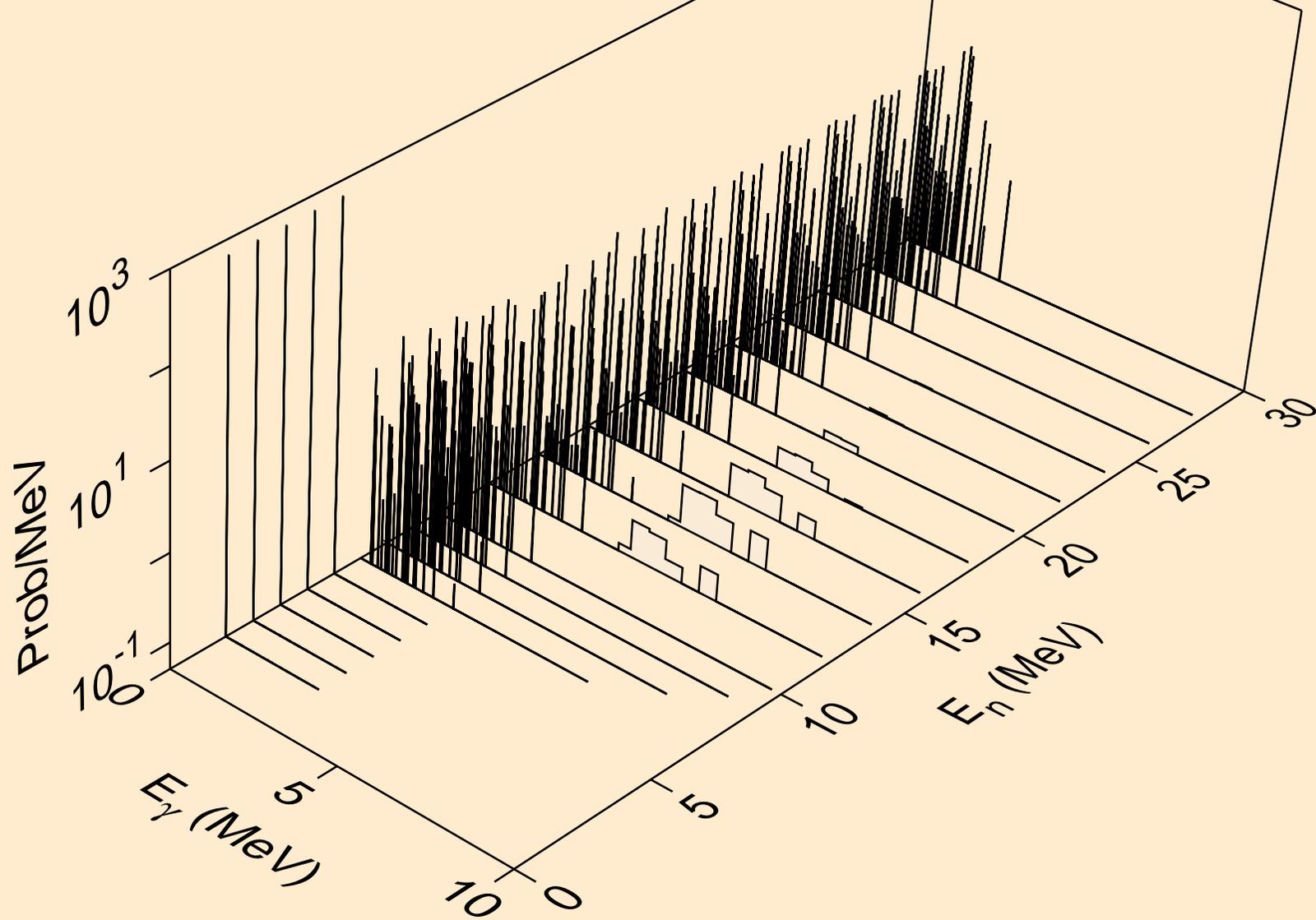
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Photon emission for (n,npa)



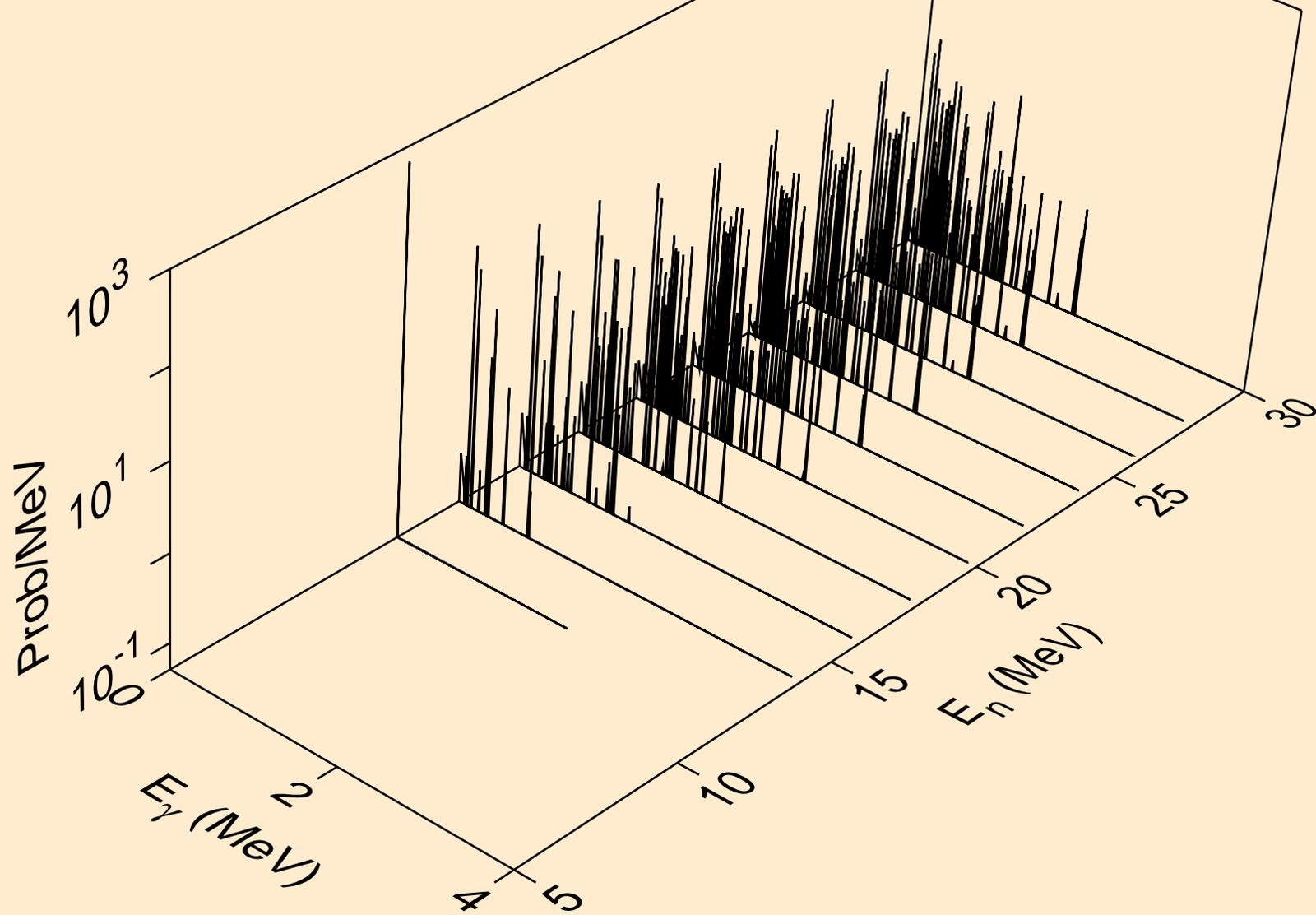
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Photon emission for (n,gma)



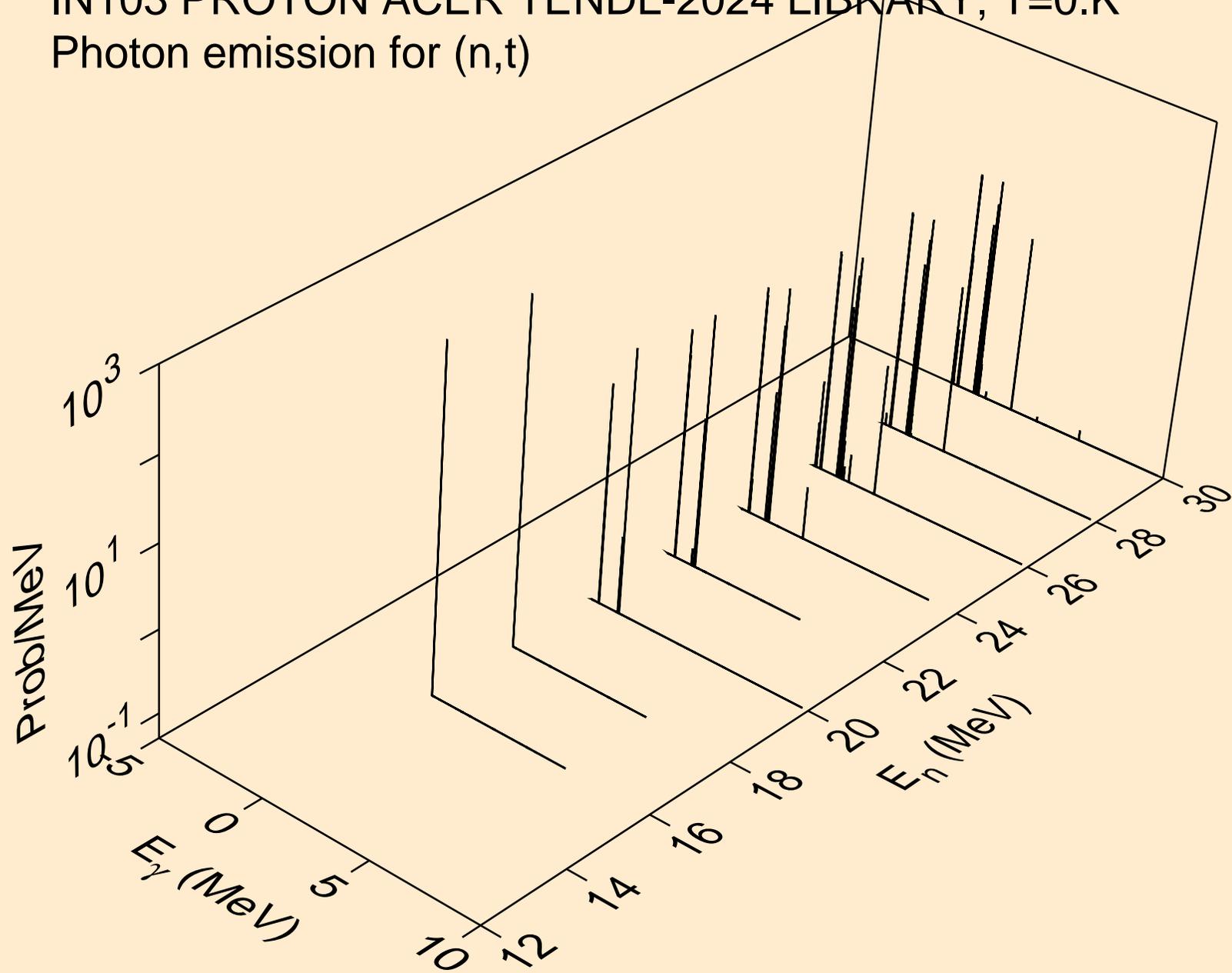
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



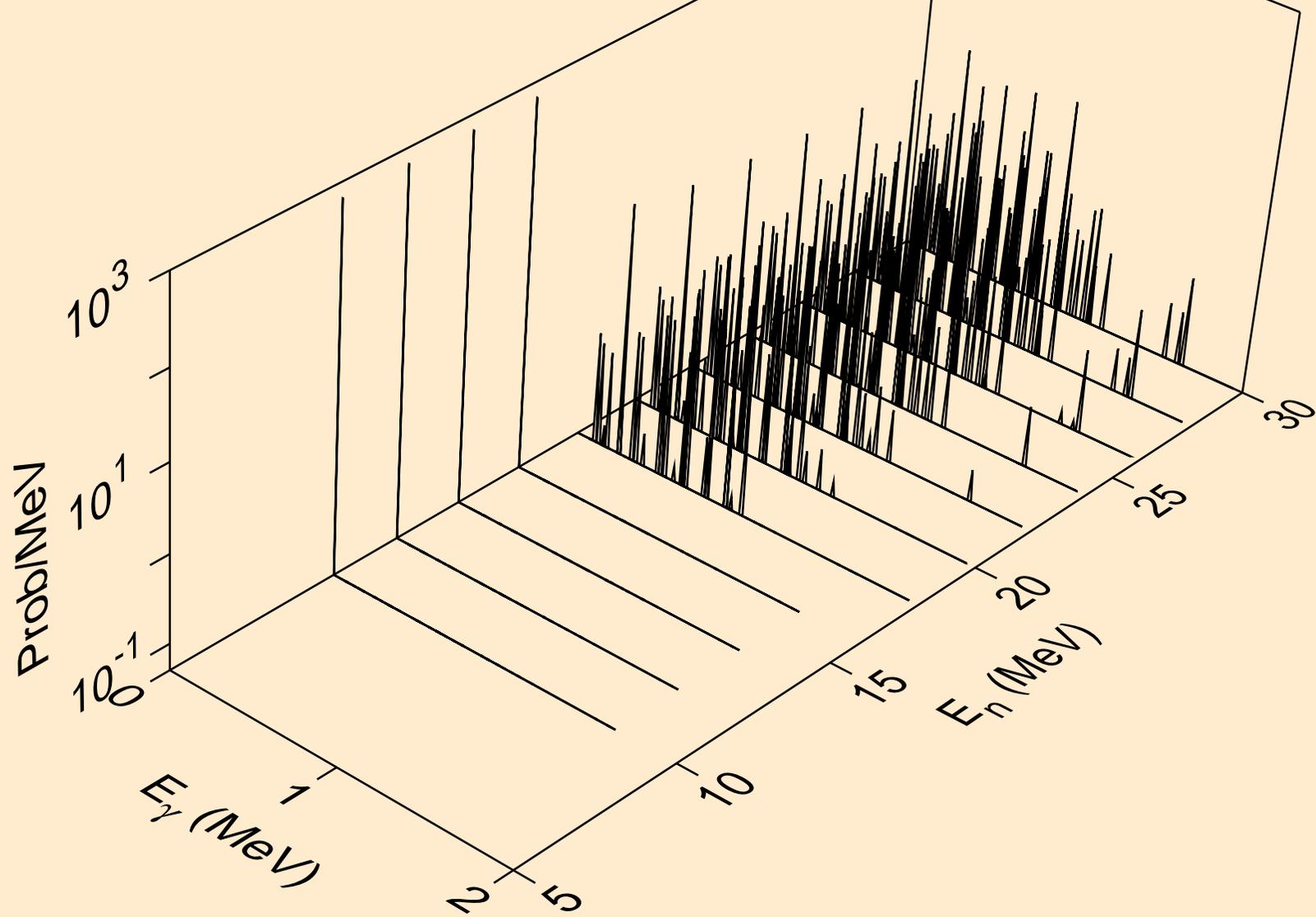
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



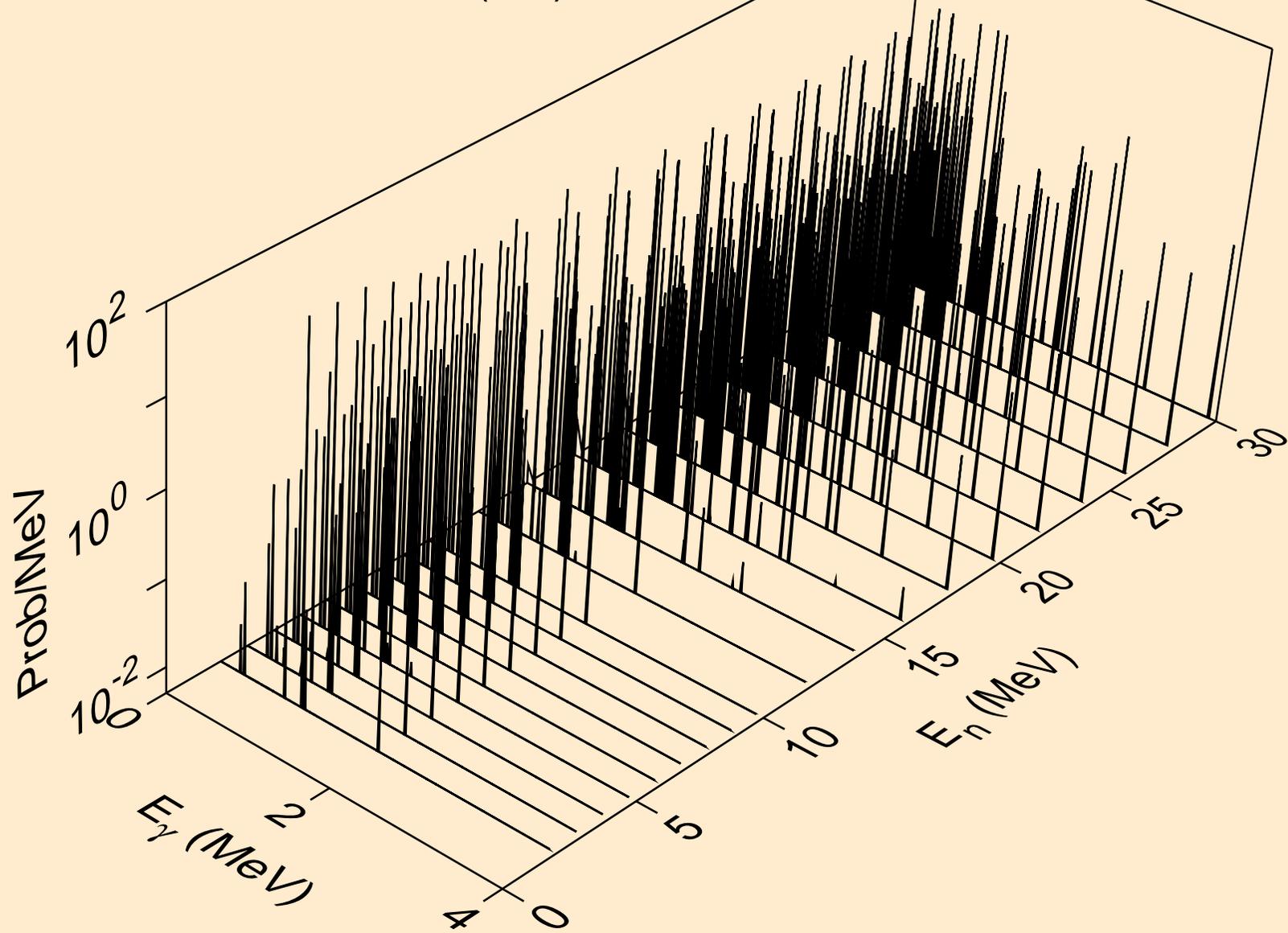
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Photon emission for (n,t)



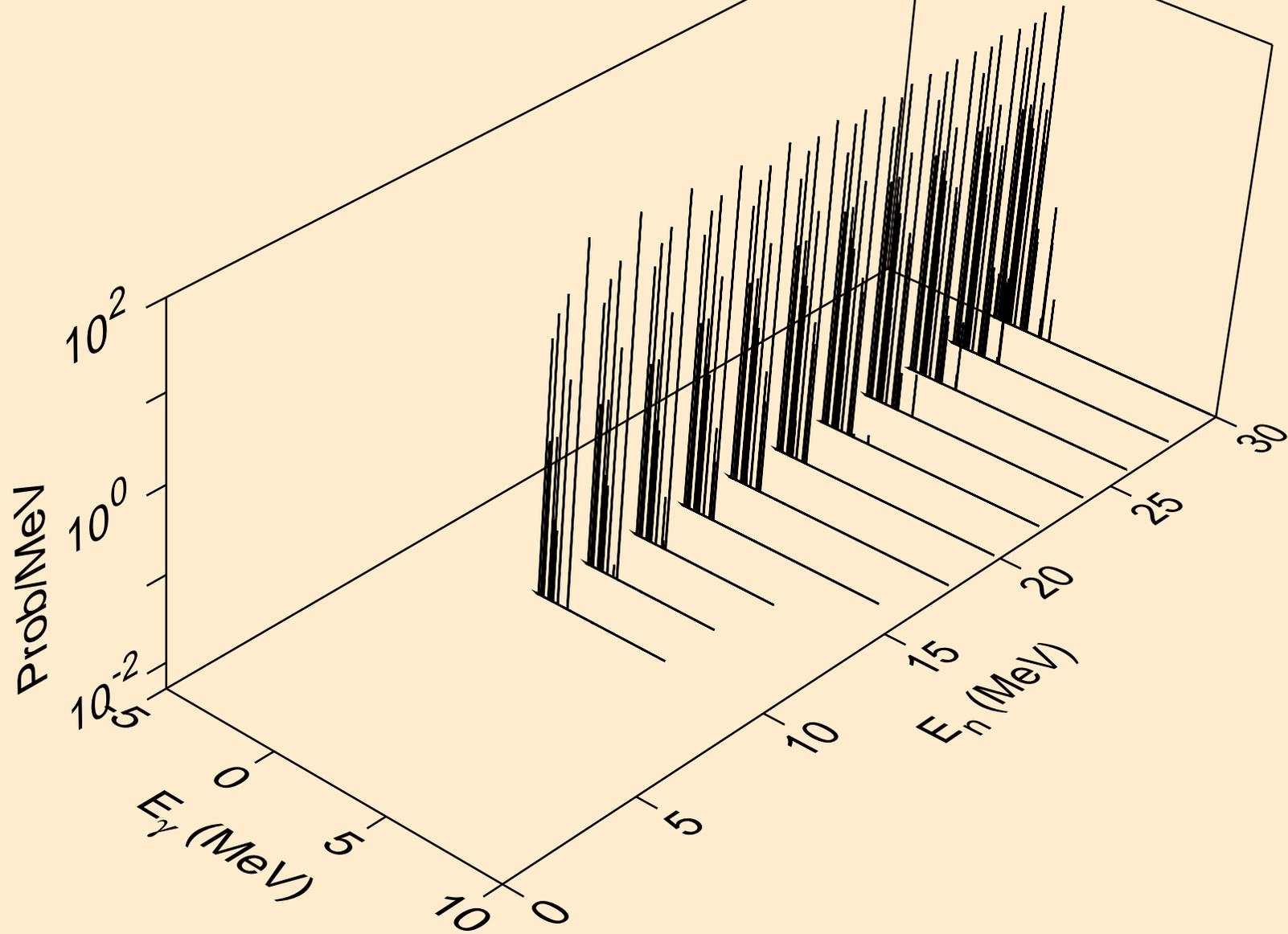
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



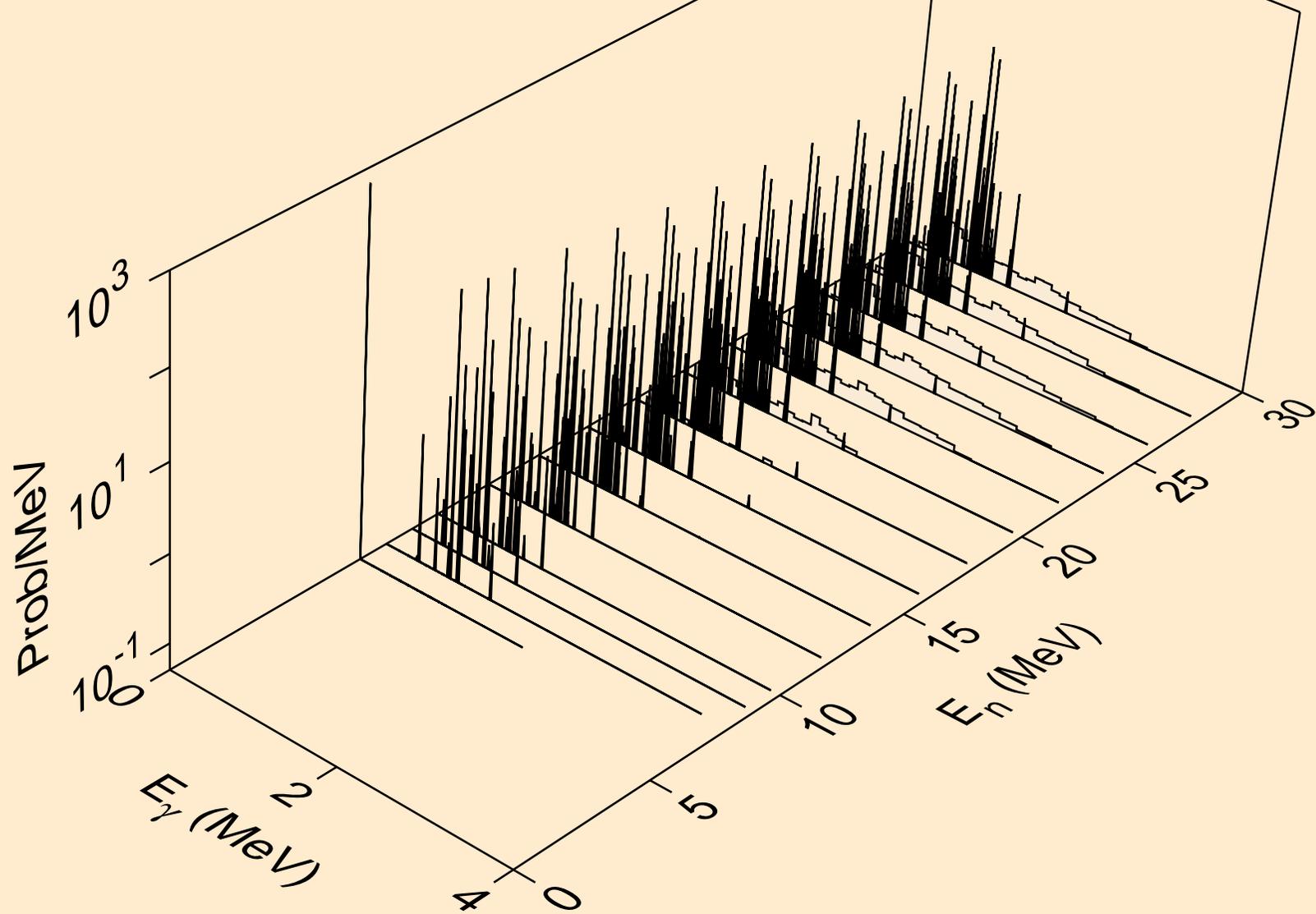
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



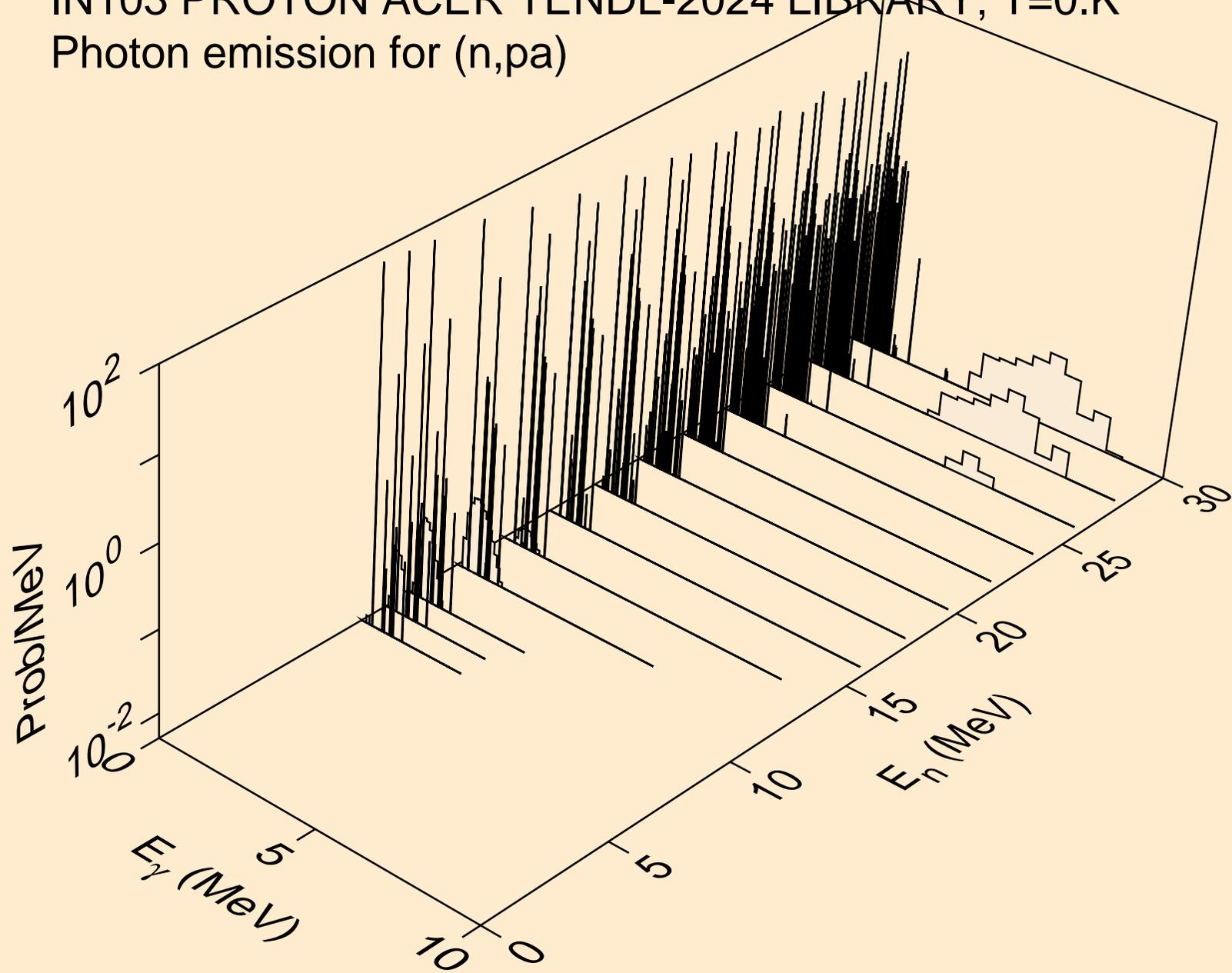
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



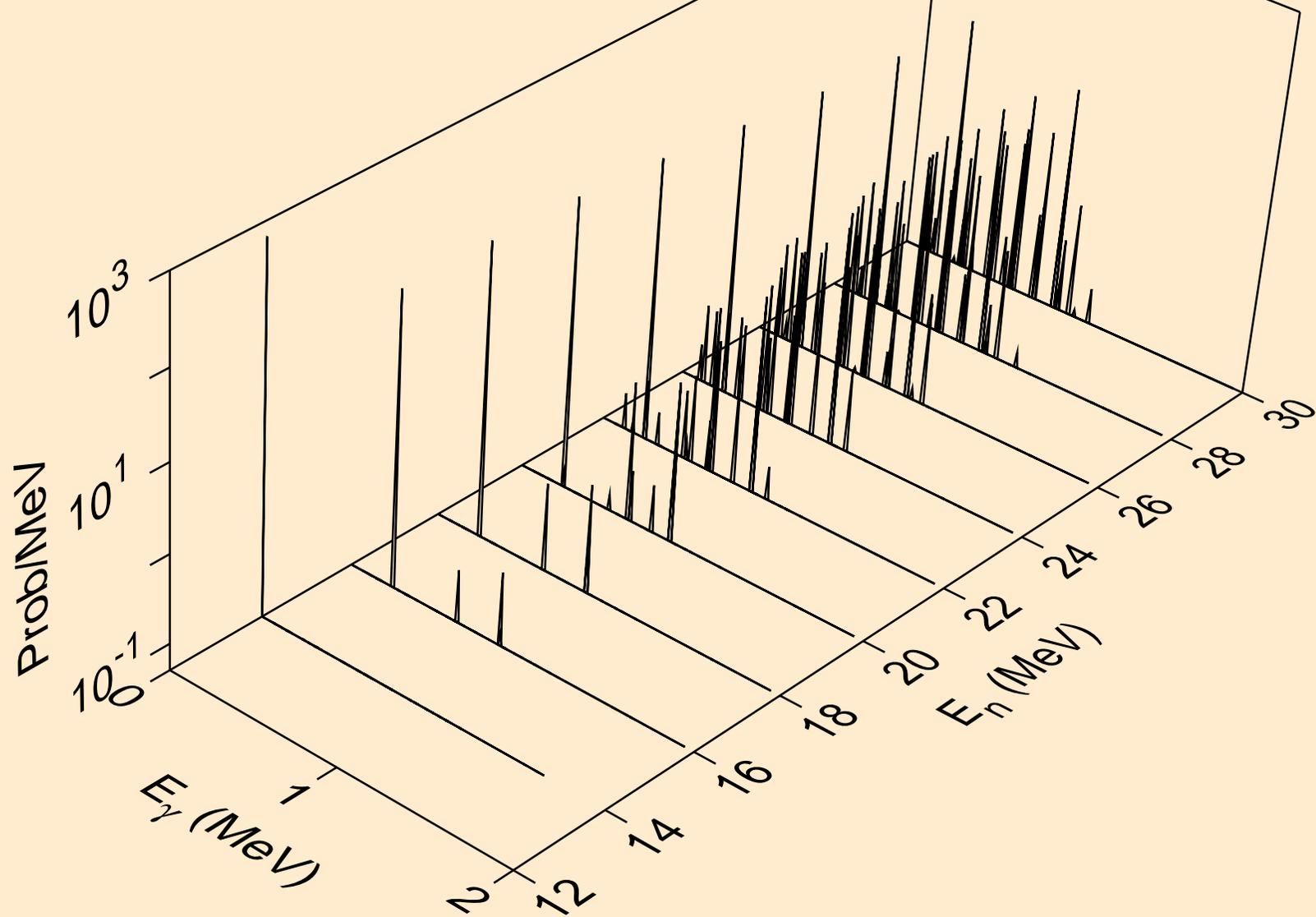
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Photon emission for (n,2p)



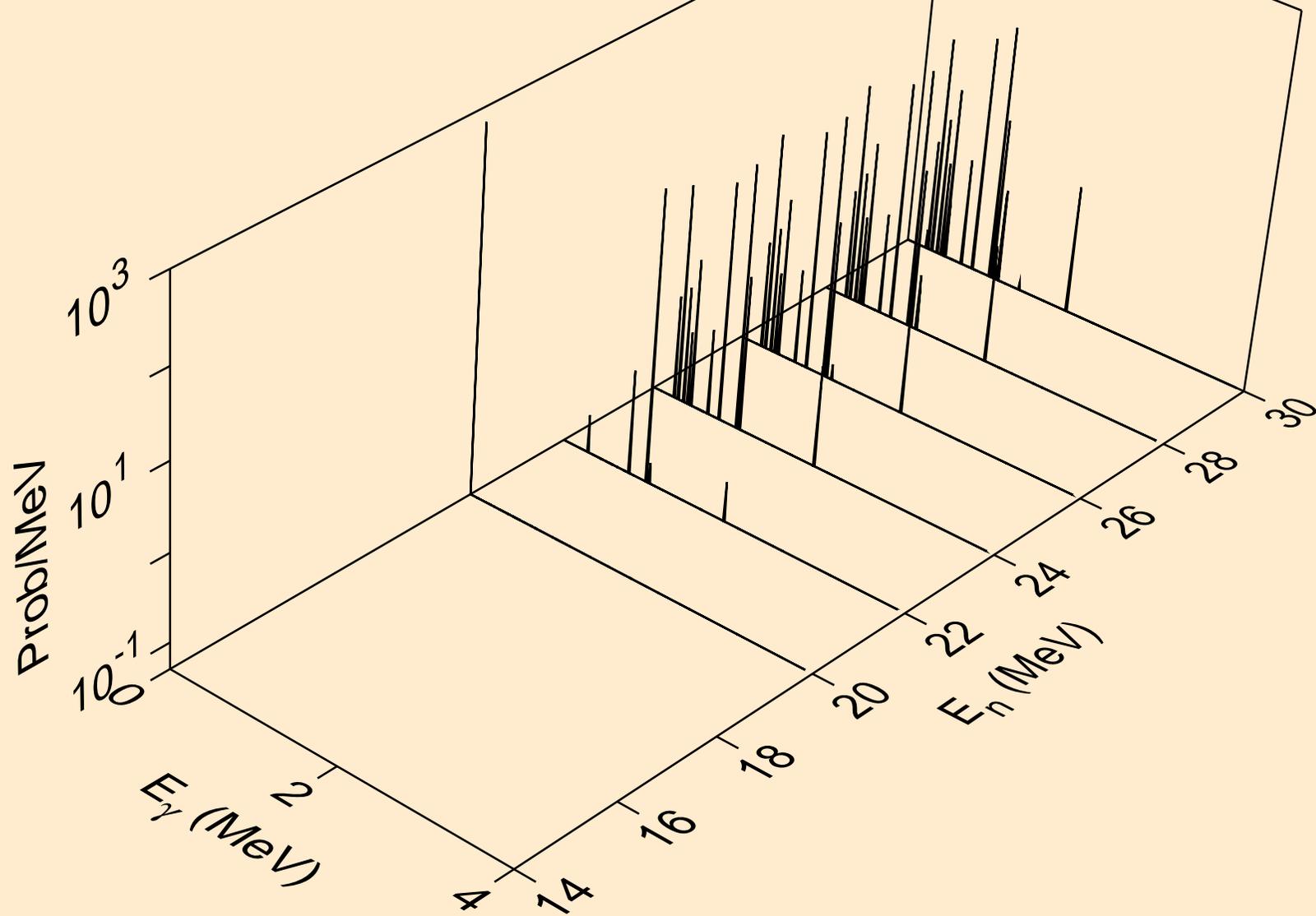
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



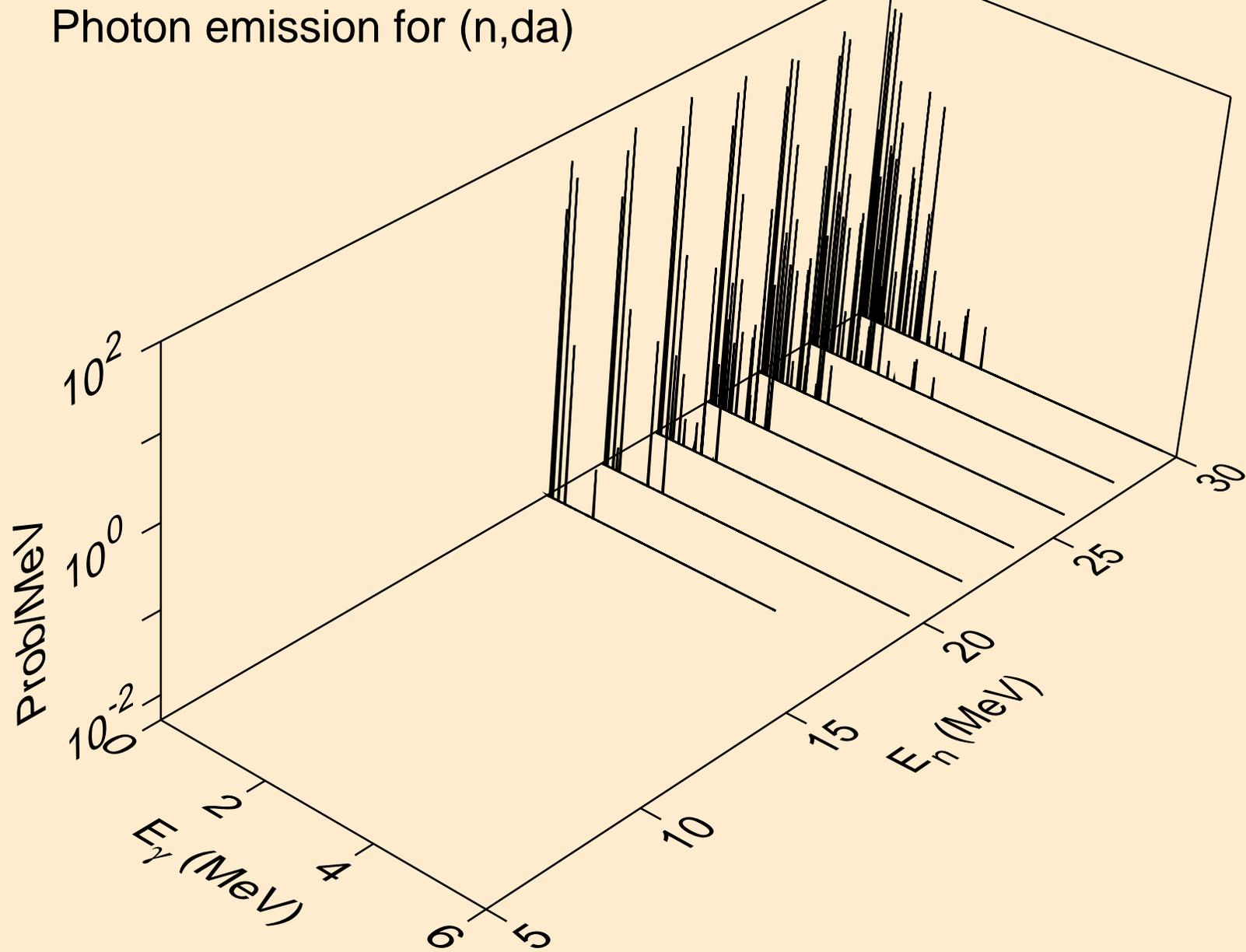
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

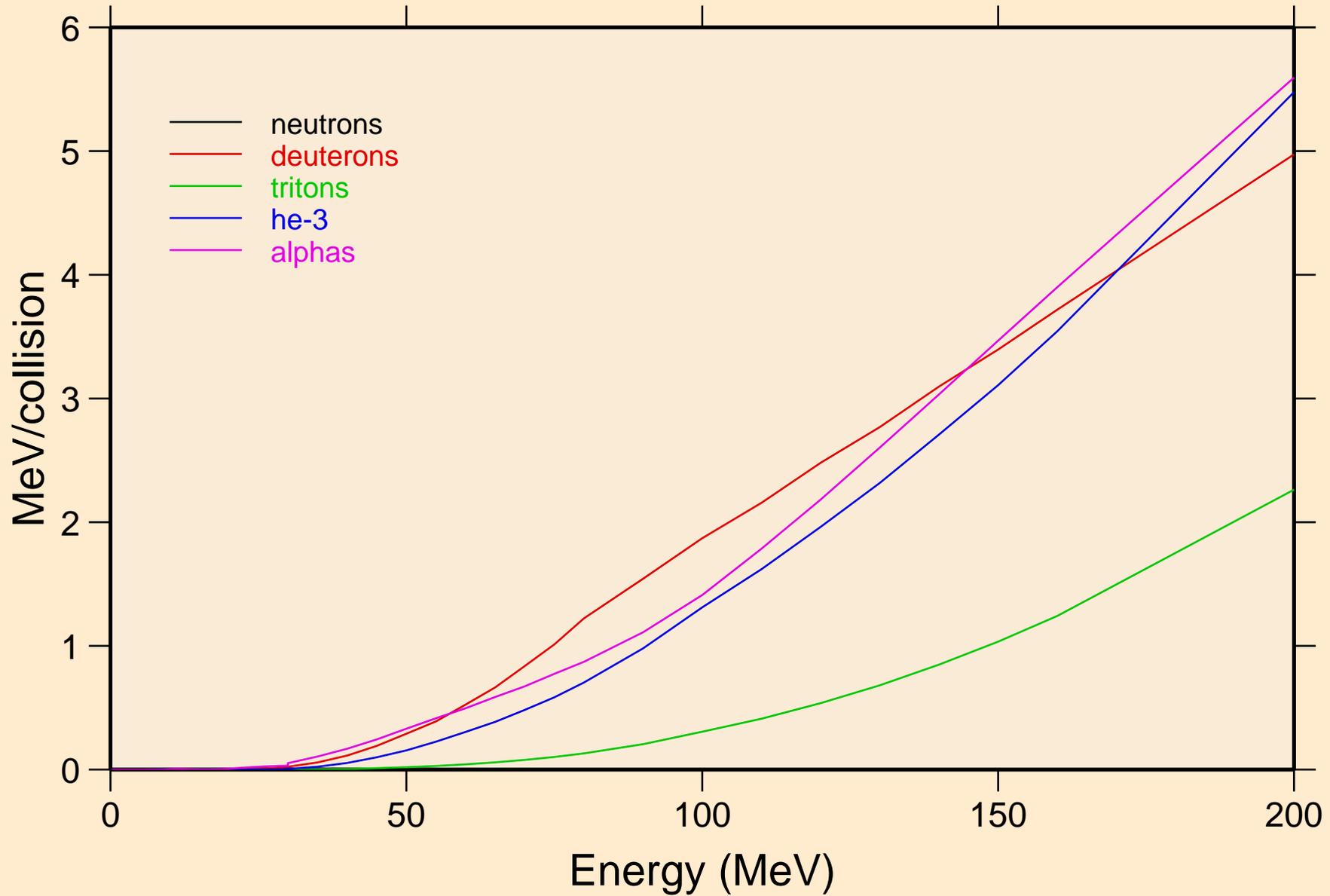


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Photon emission for (n,da)

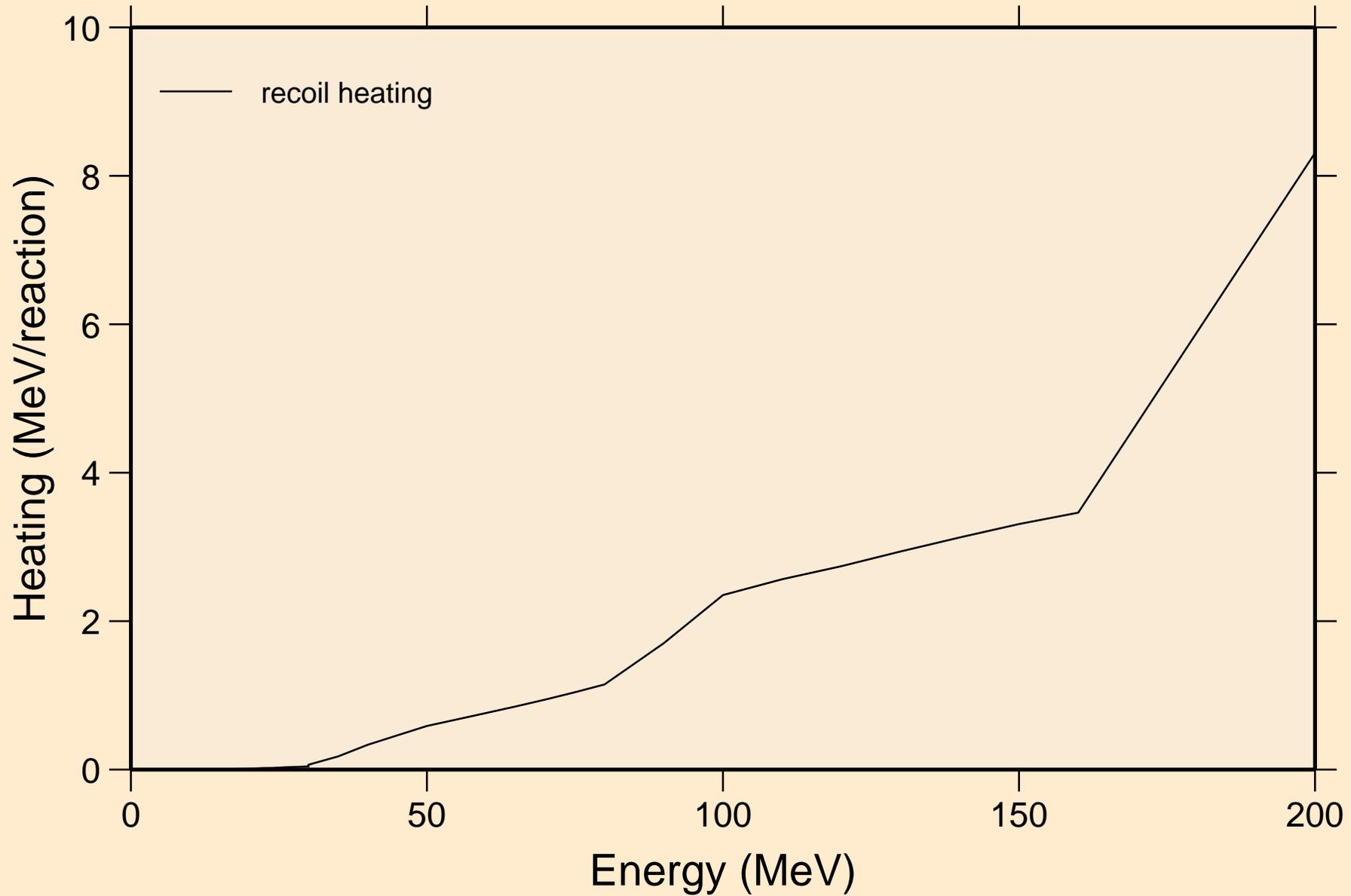


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## Particle heating contributions

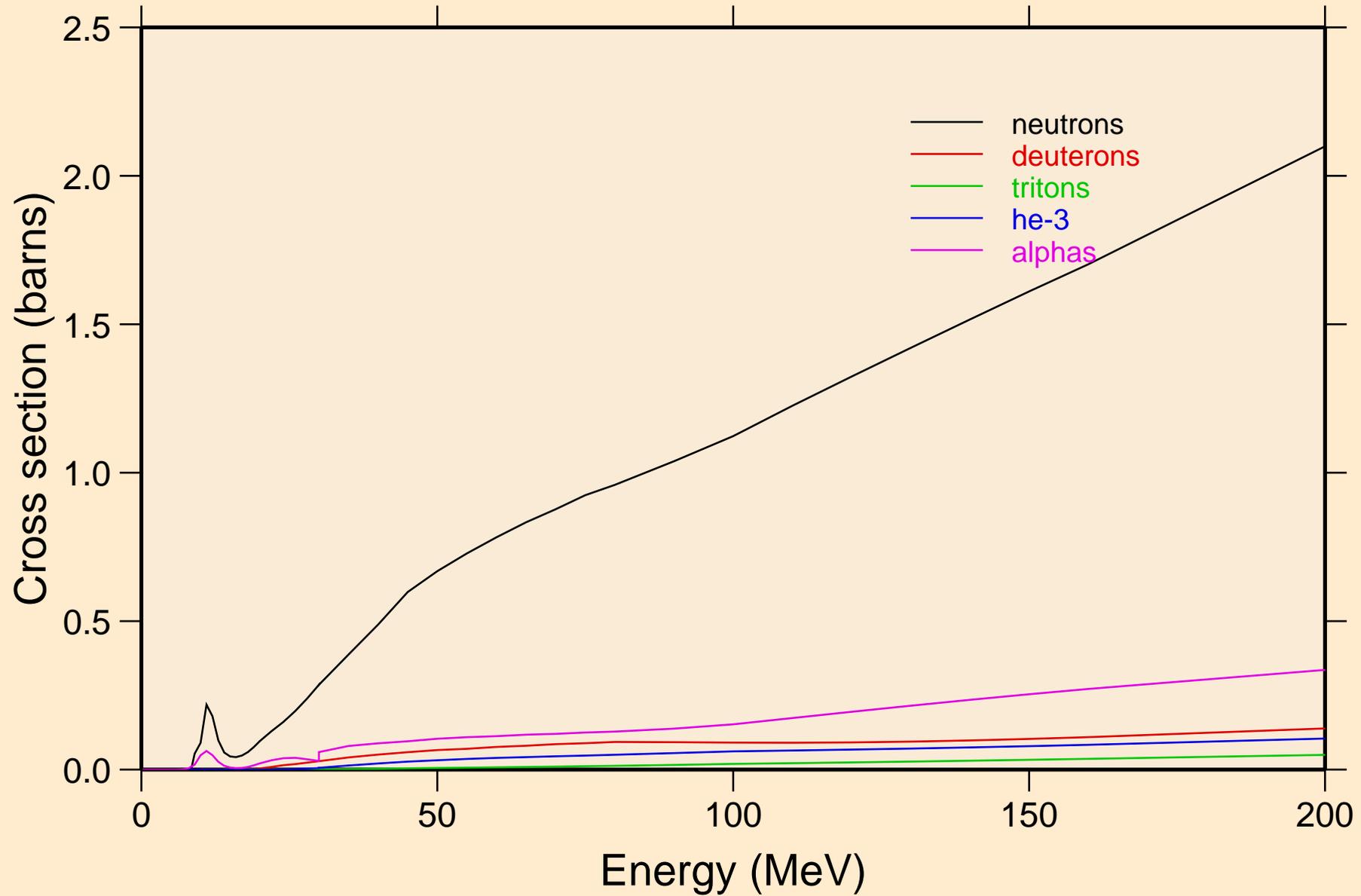


IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

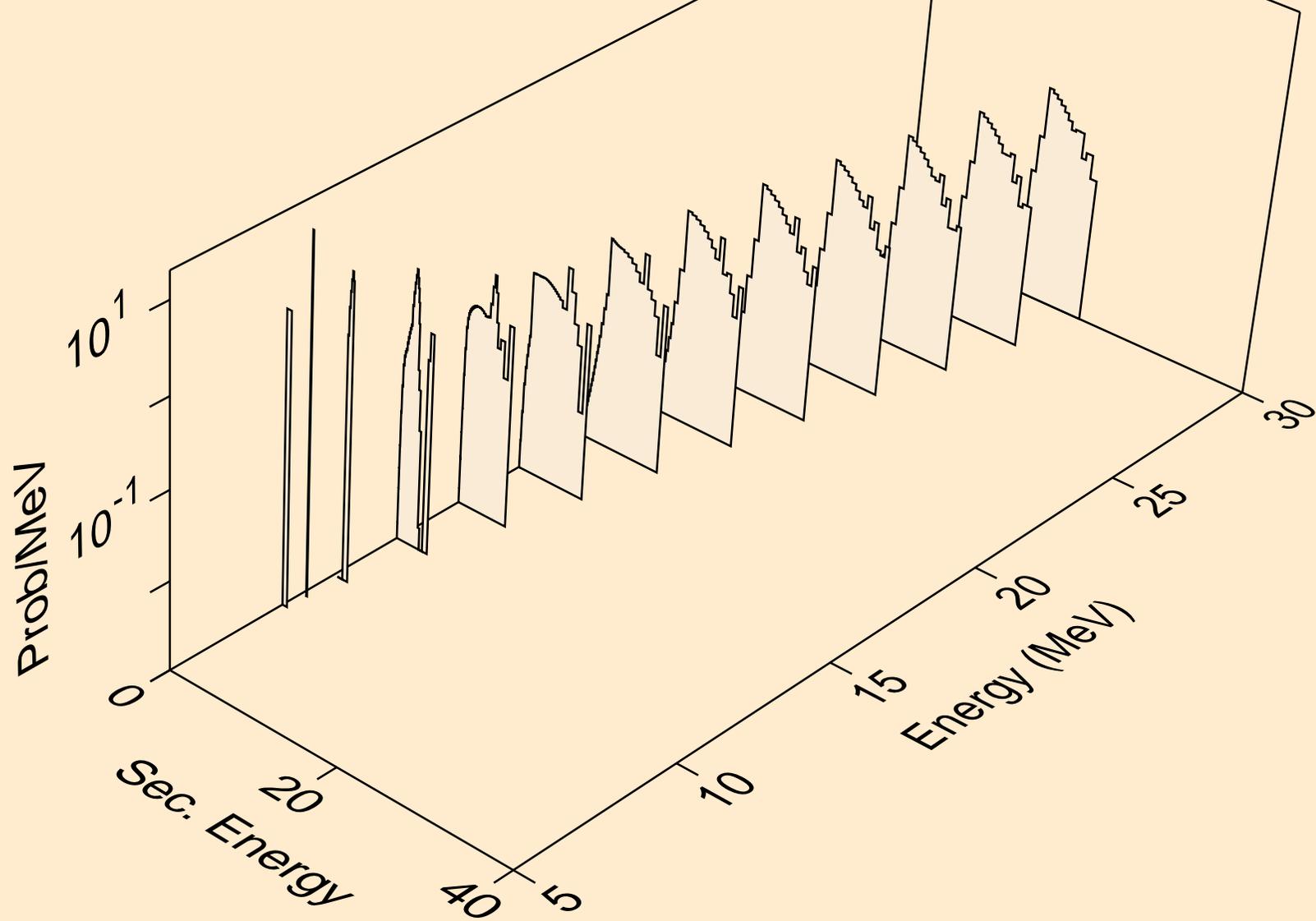


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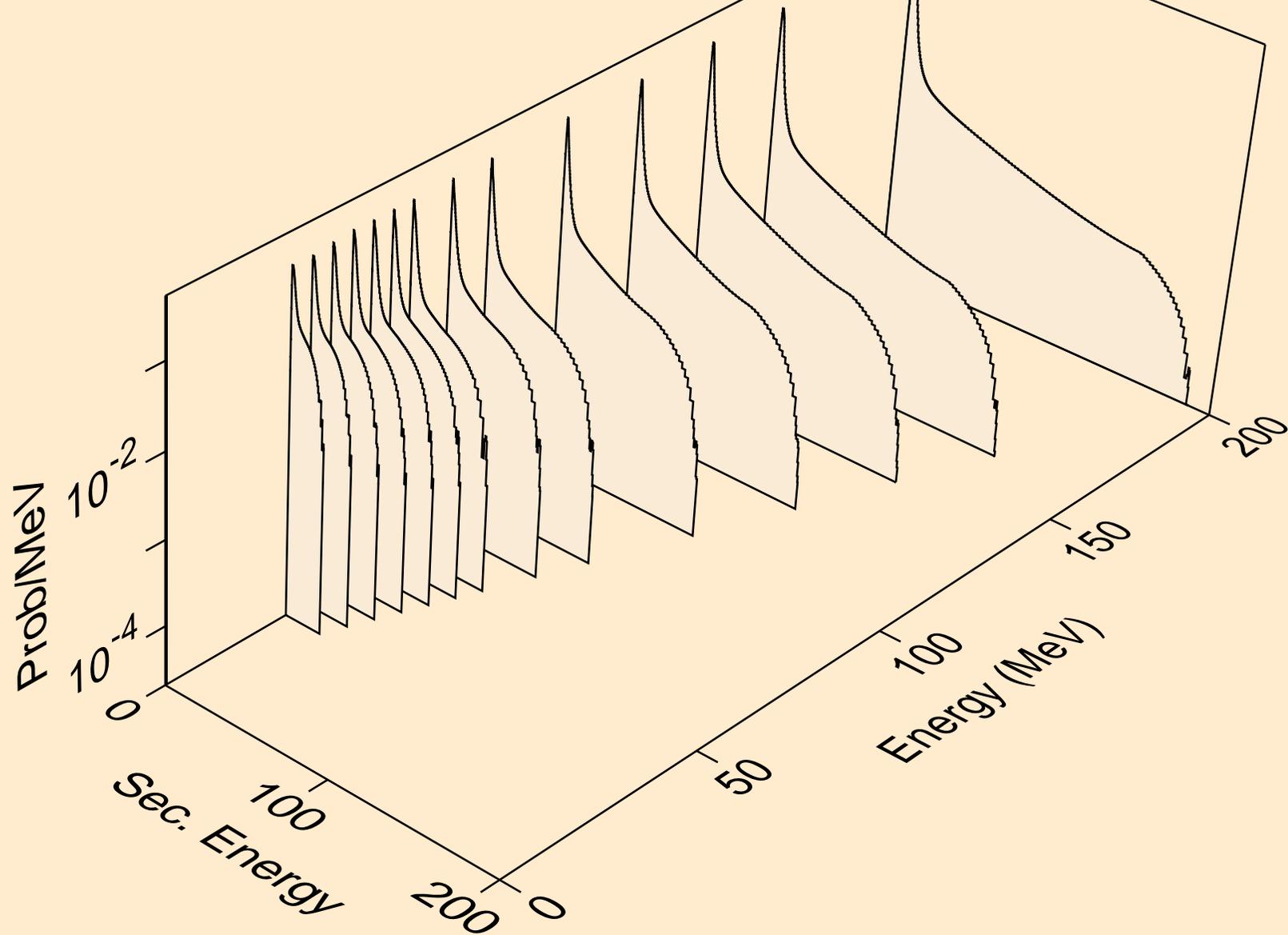
## Particle production cross sections



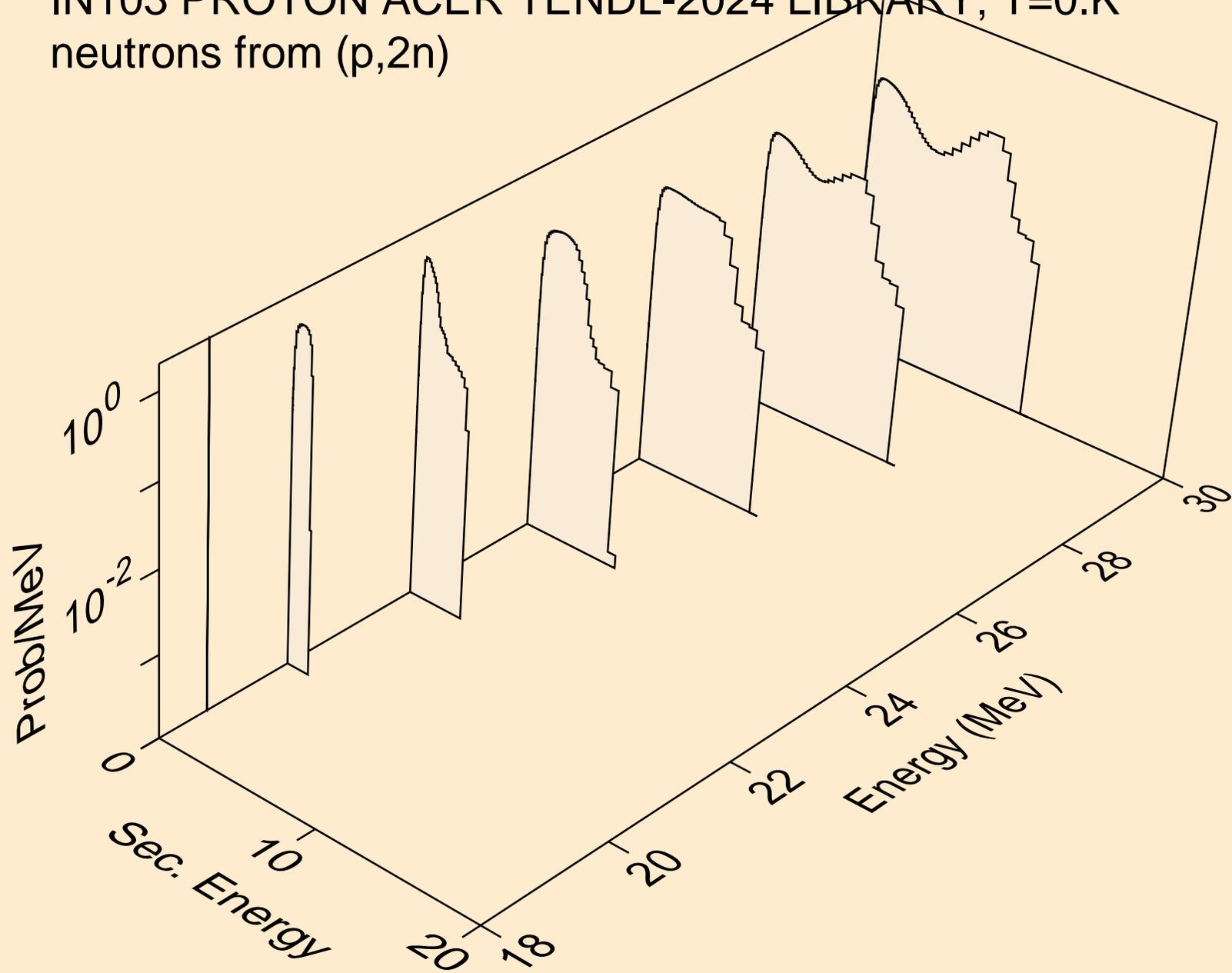
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



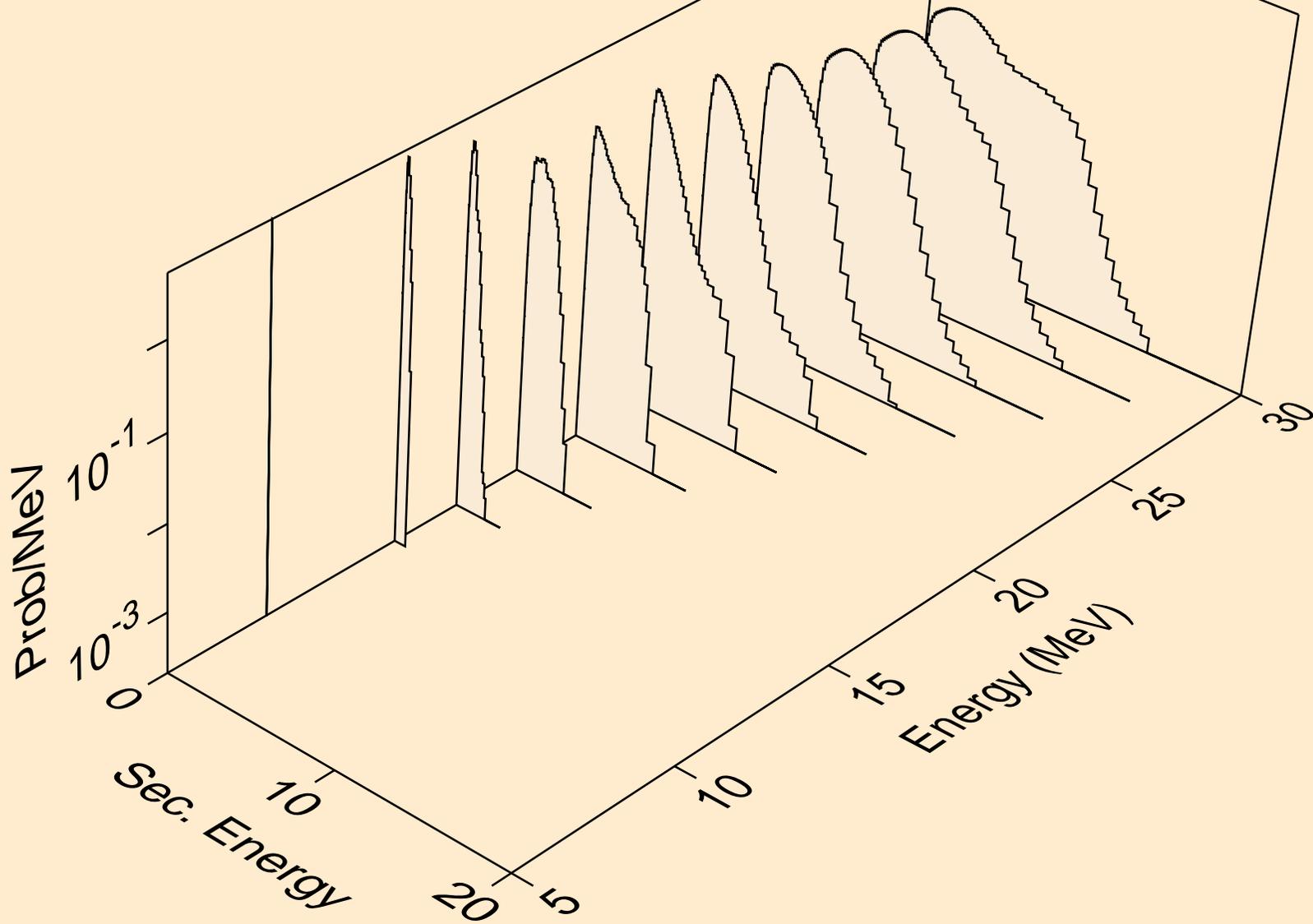
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neutrons from (p,x)



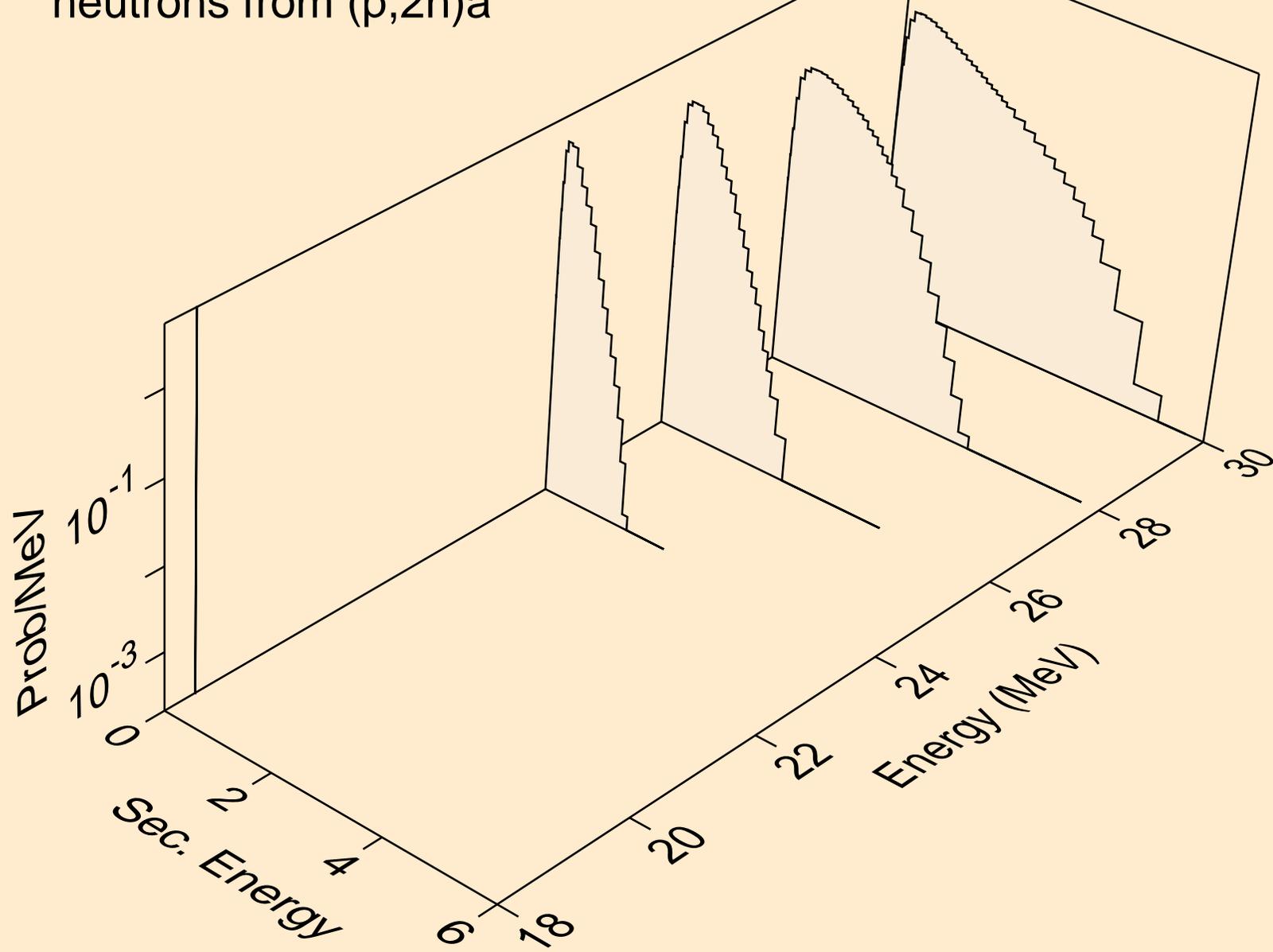
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neutrons from (p,2n)



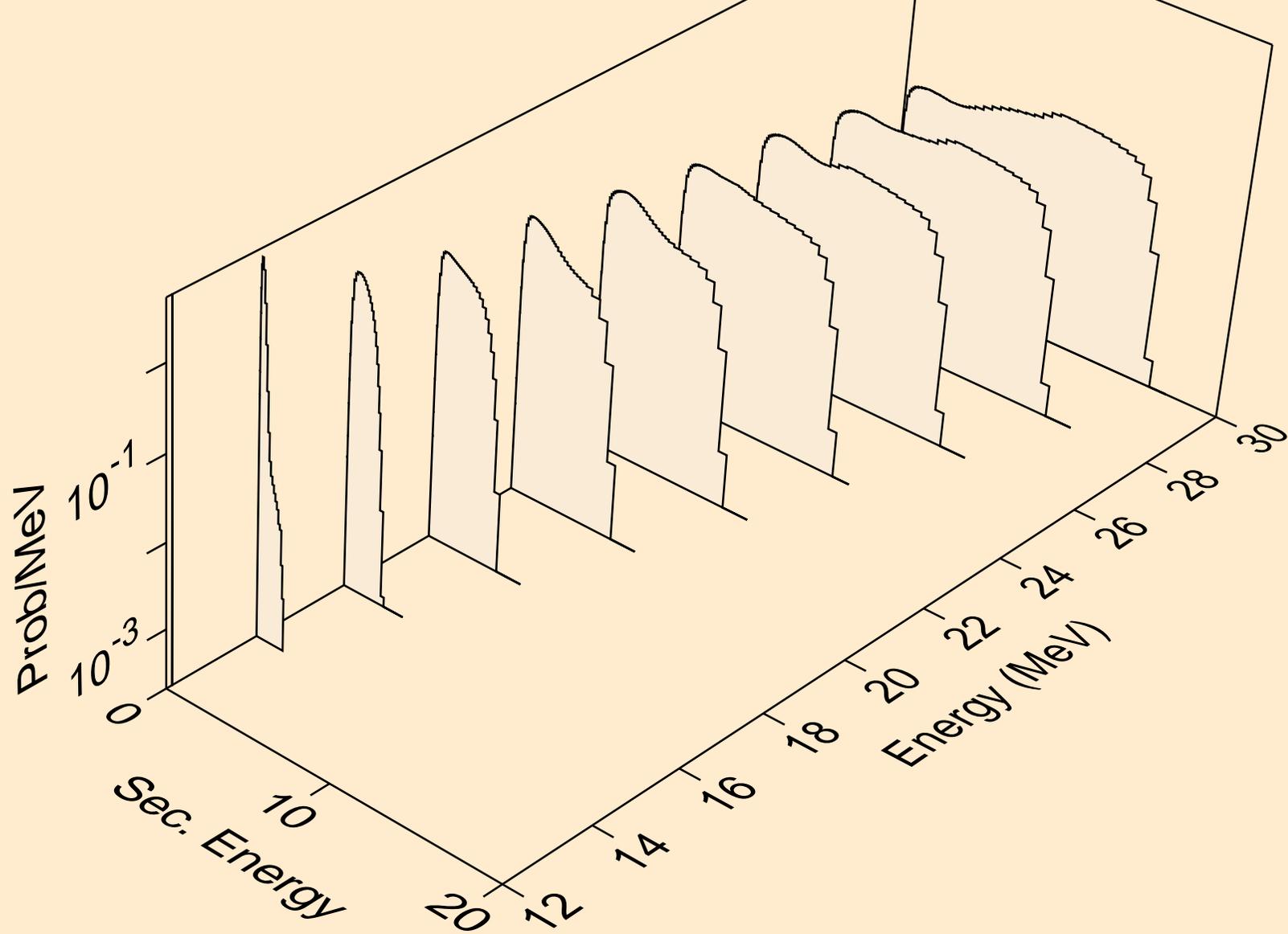
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



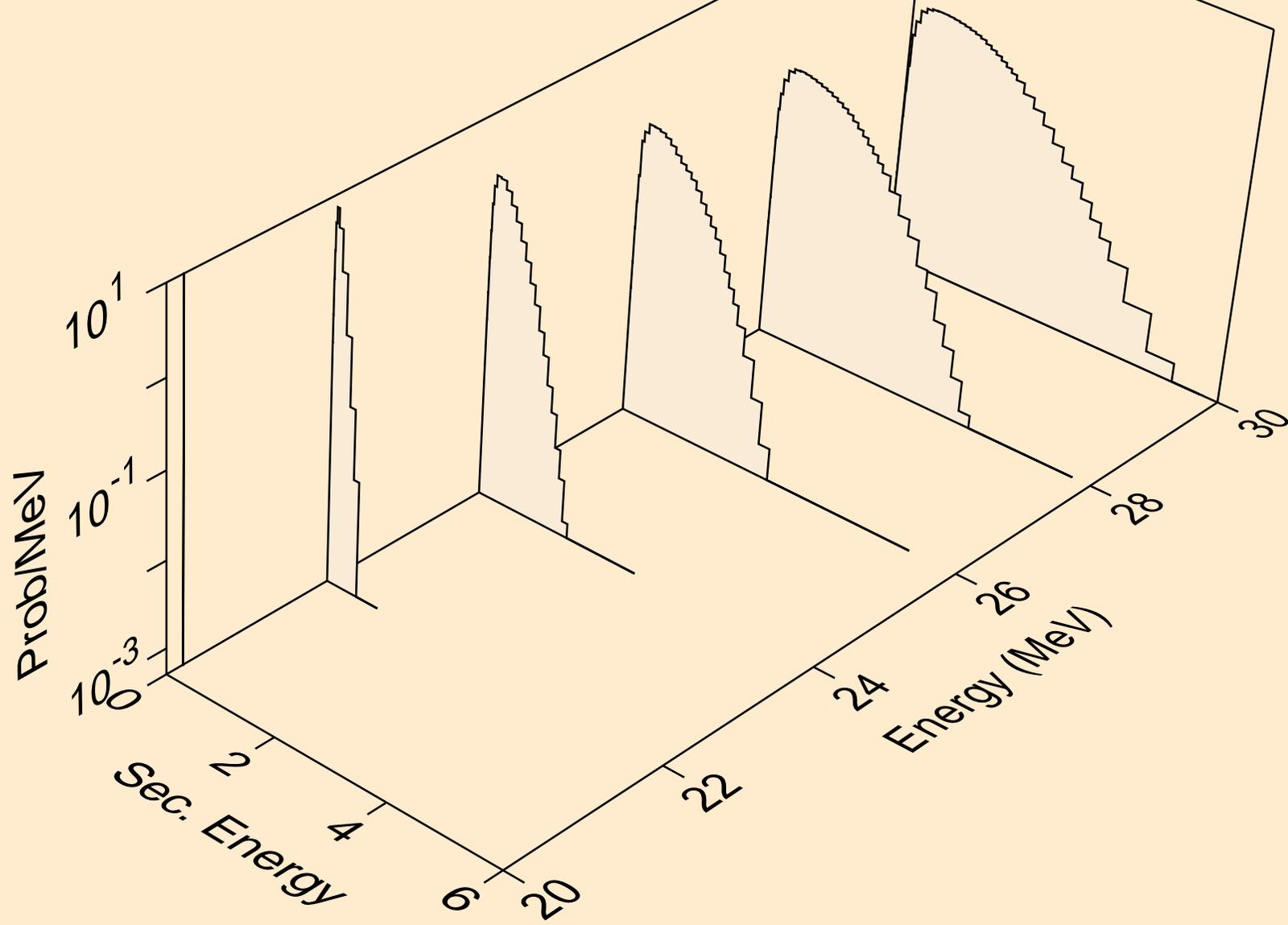
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neutrons from (p,2n)a



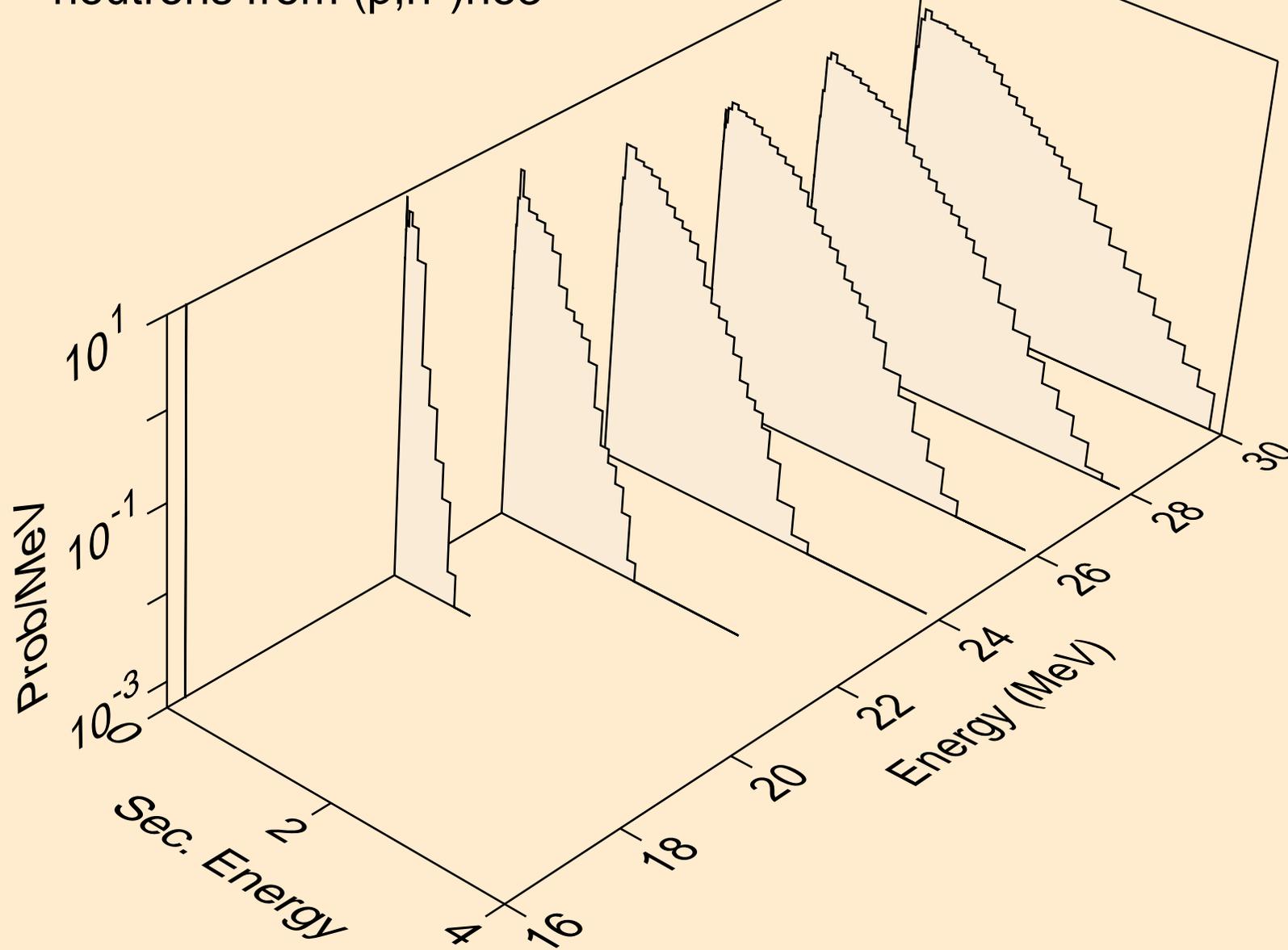
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neutrons from (p,n\*)p



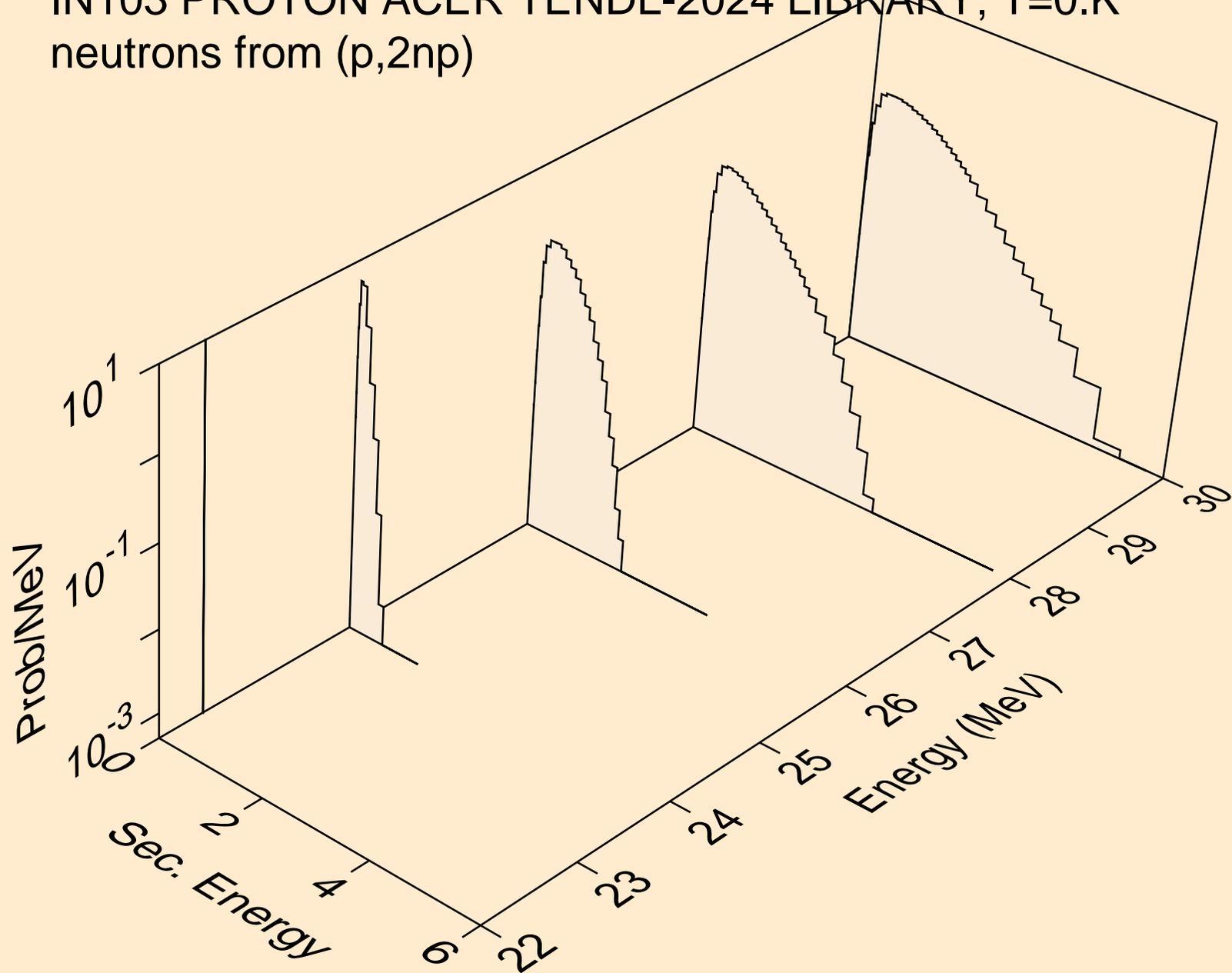
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neutrons from (p,n\*)d



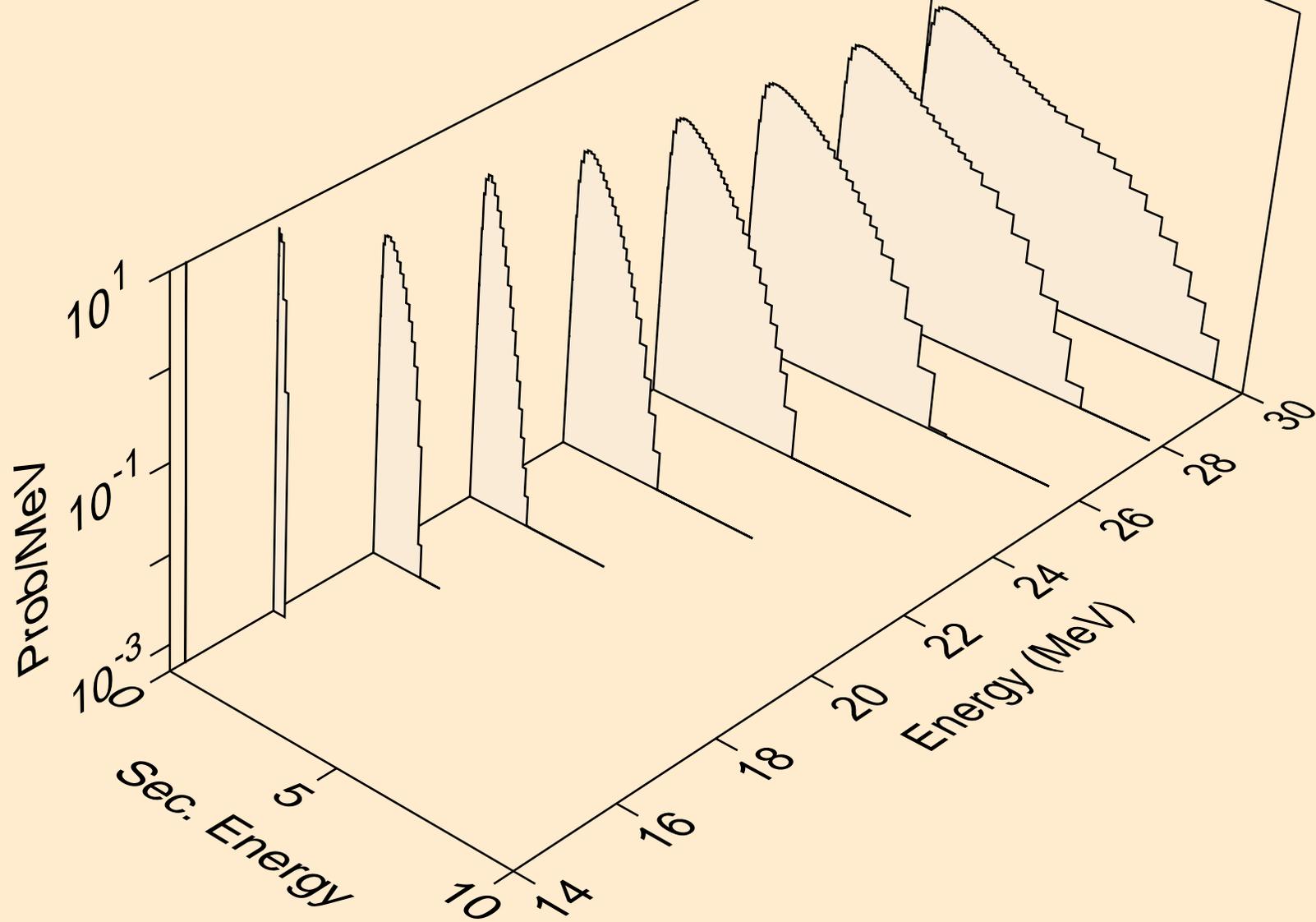
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neutrons from (p,n\*)he3



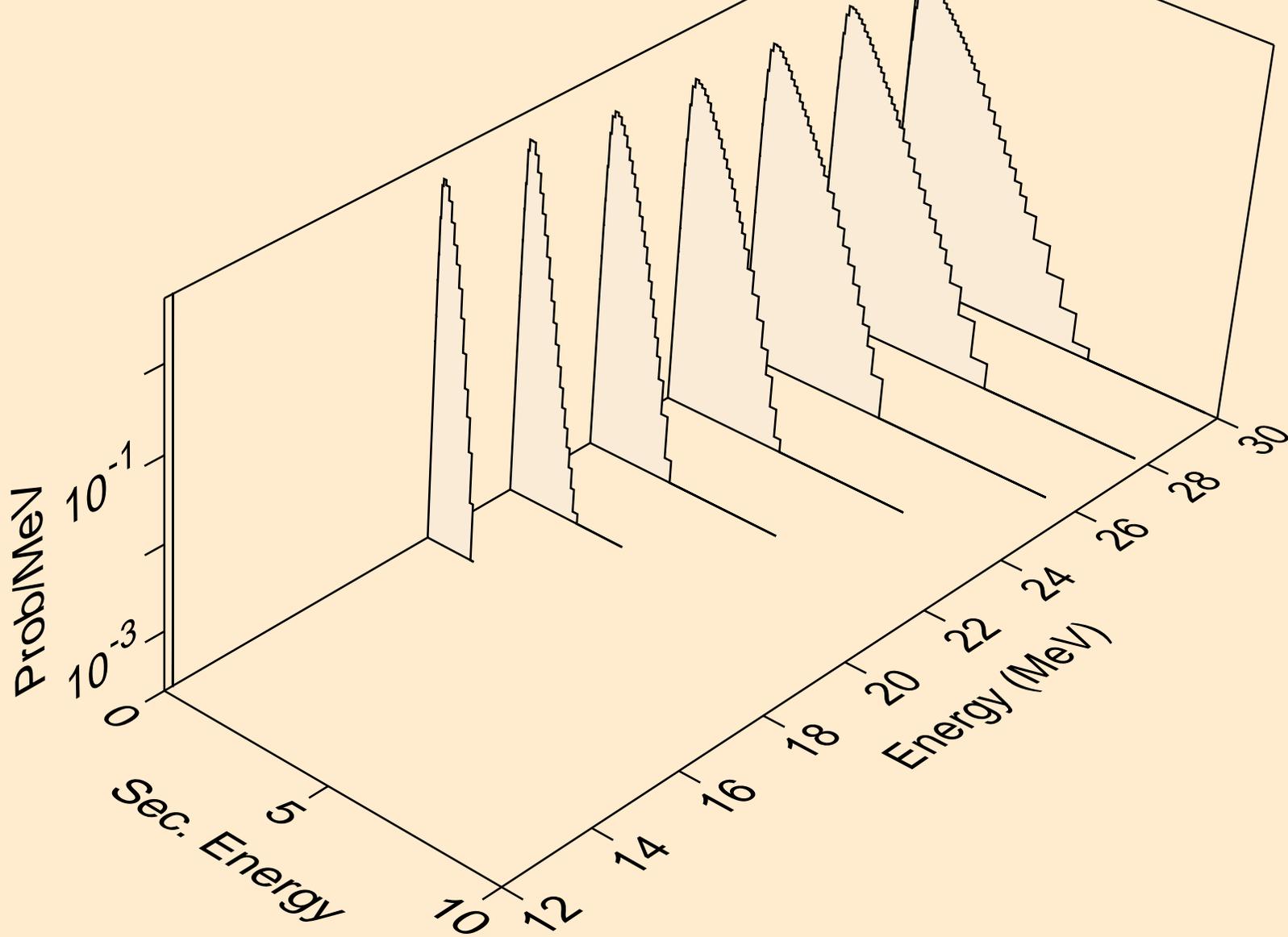
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neutrons from (p,2np)



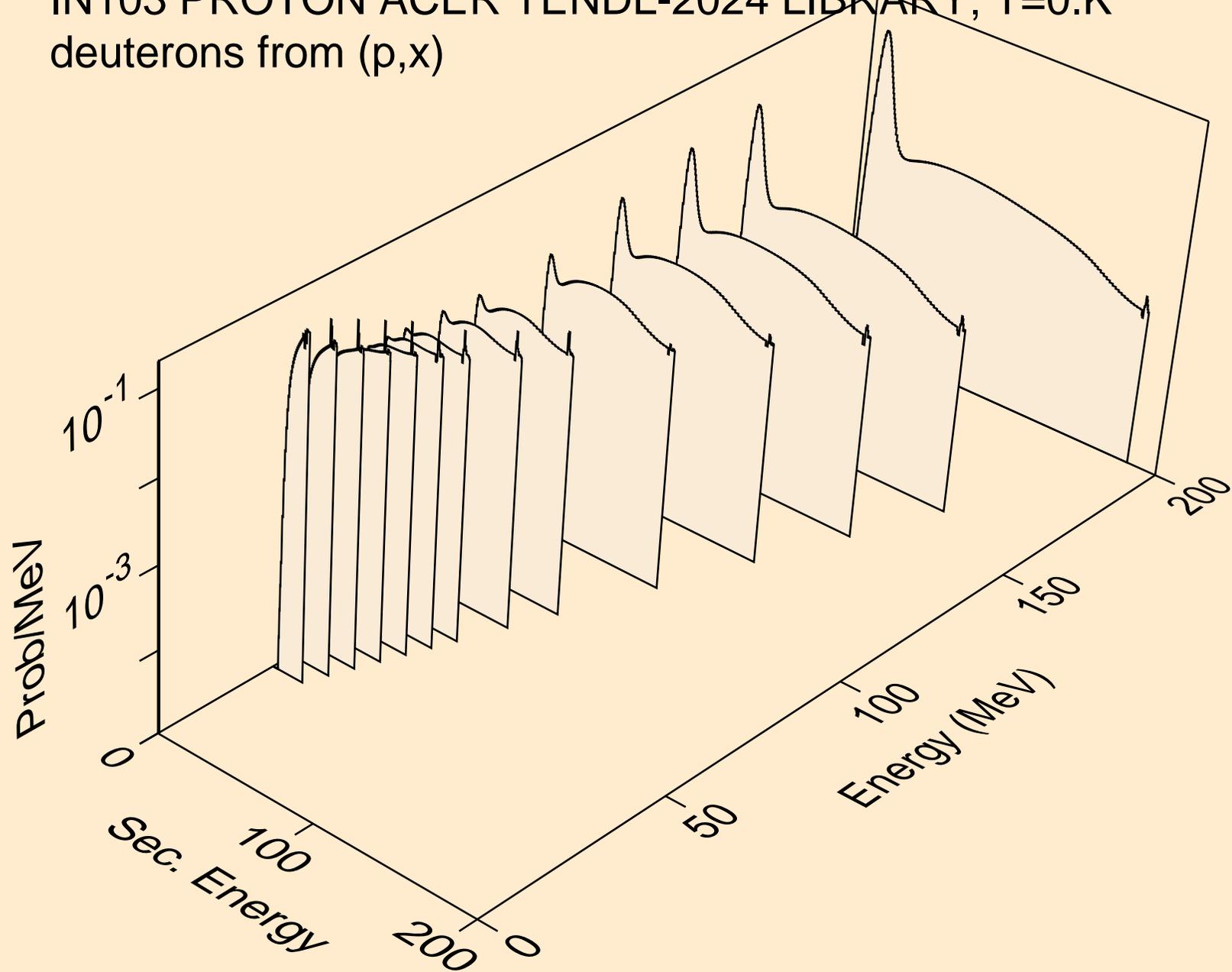
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neutrons from (p,n2p)



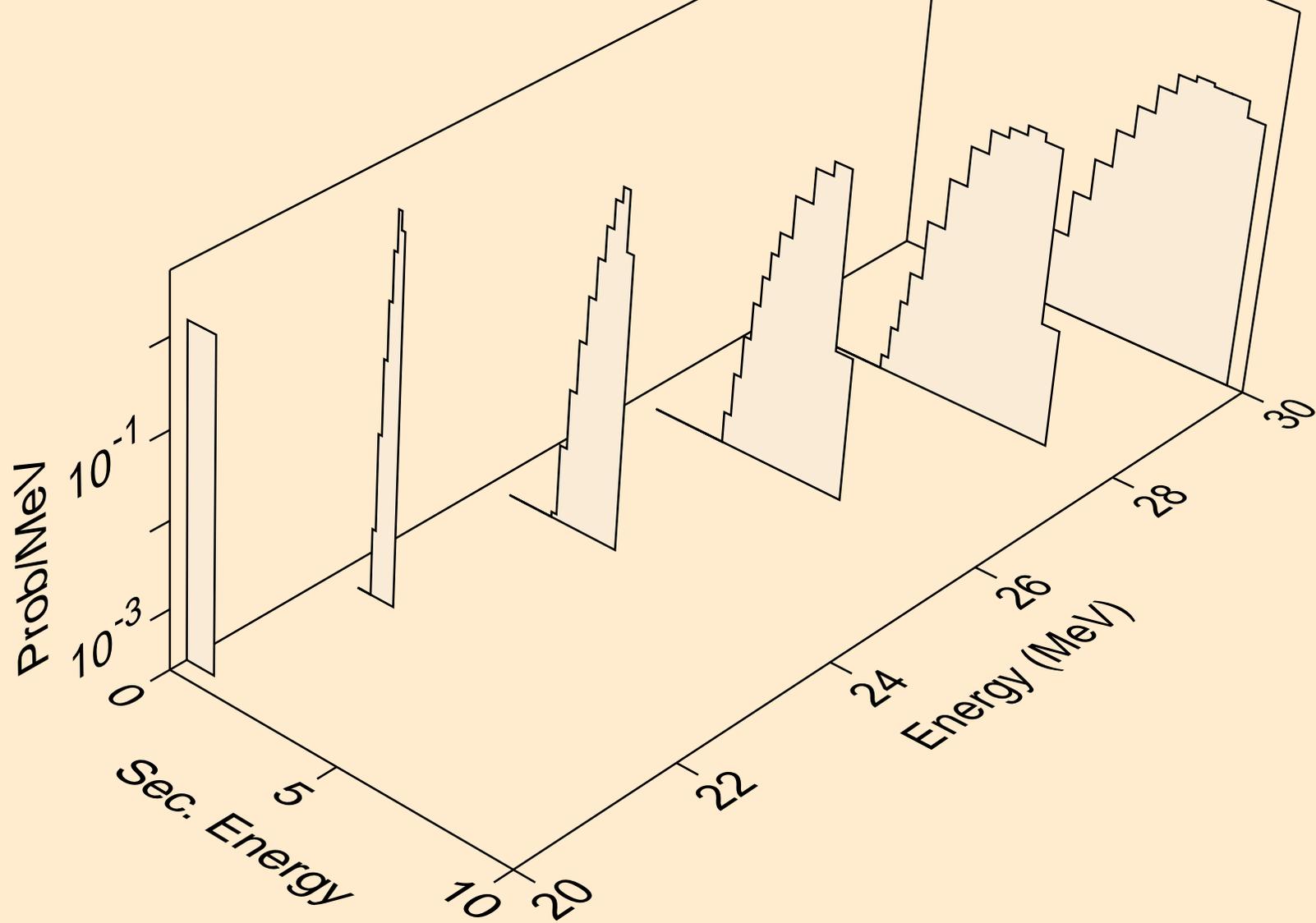
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neutrons from (p,npa)



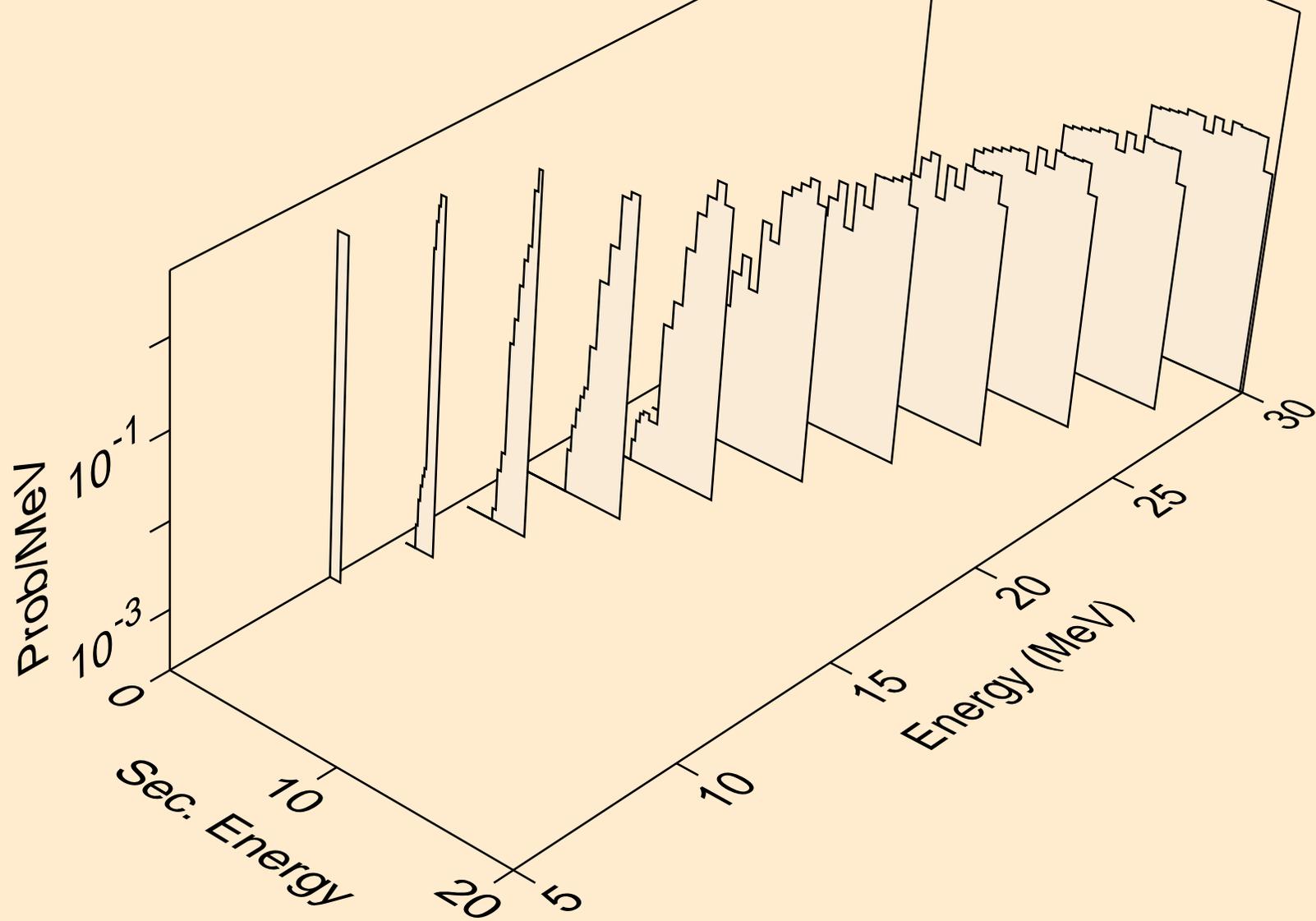
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deuterons from (p,x)



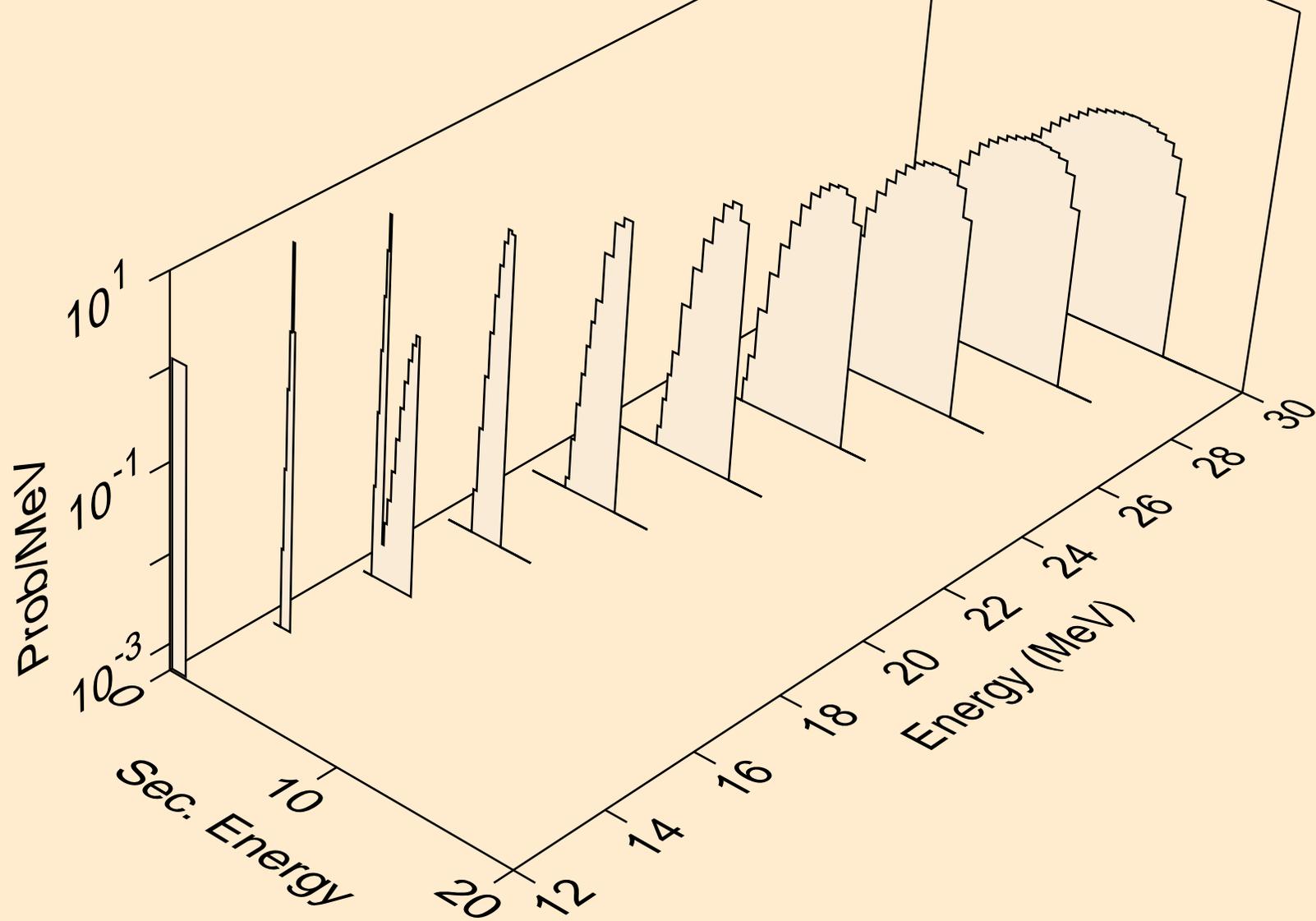
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deuterons from (p,n\*)d



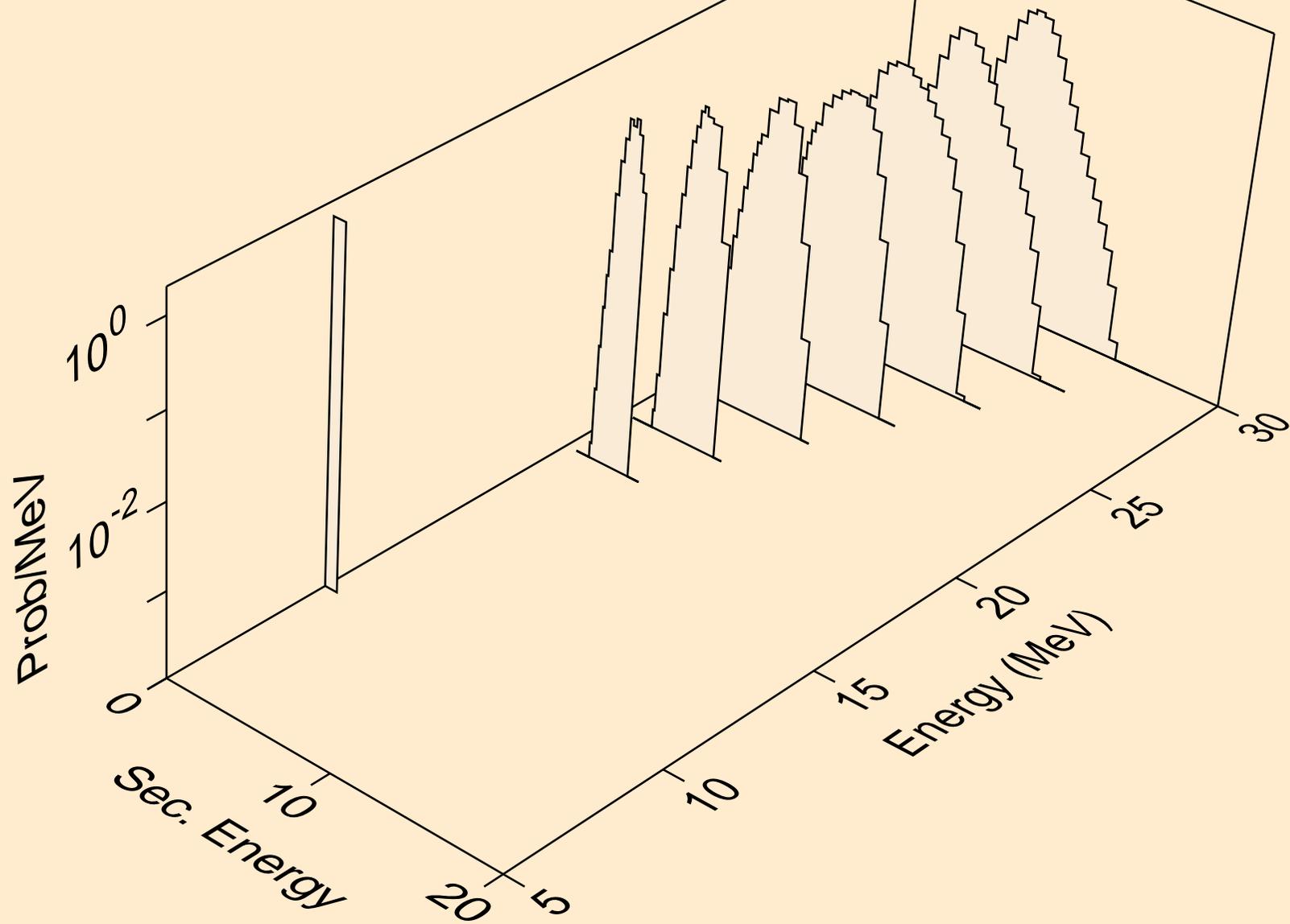
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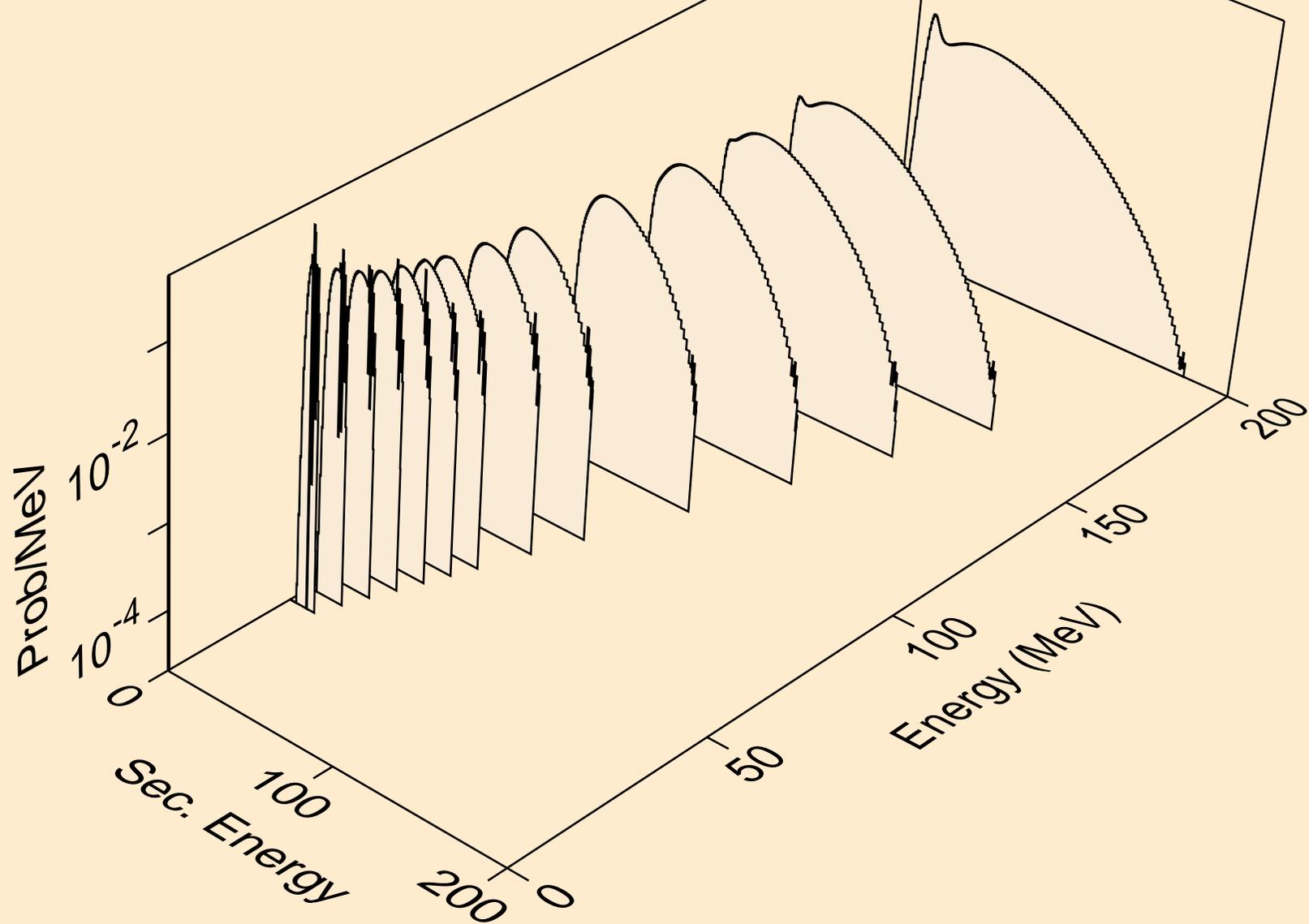
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deuterons from (p,pd)



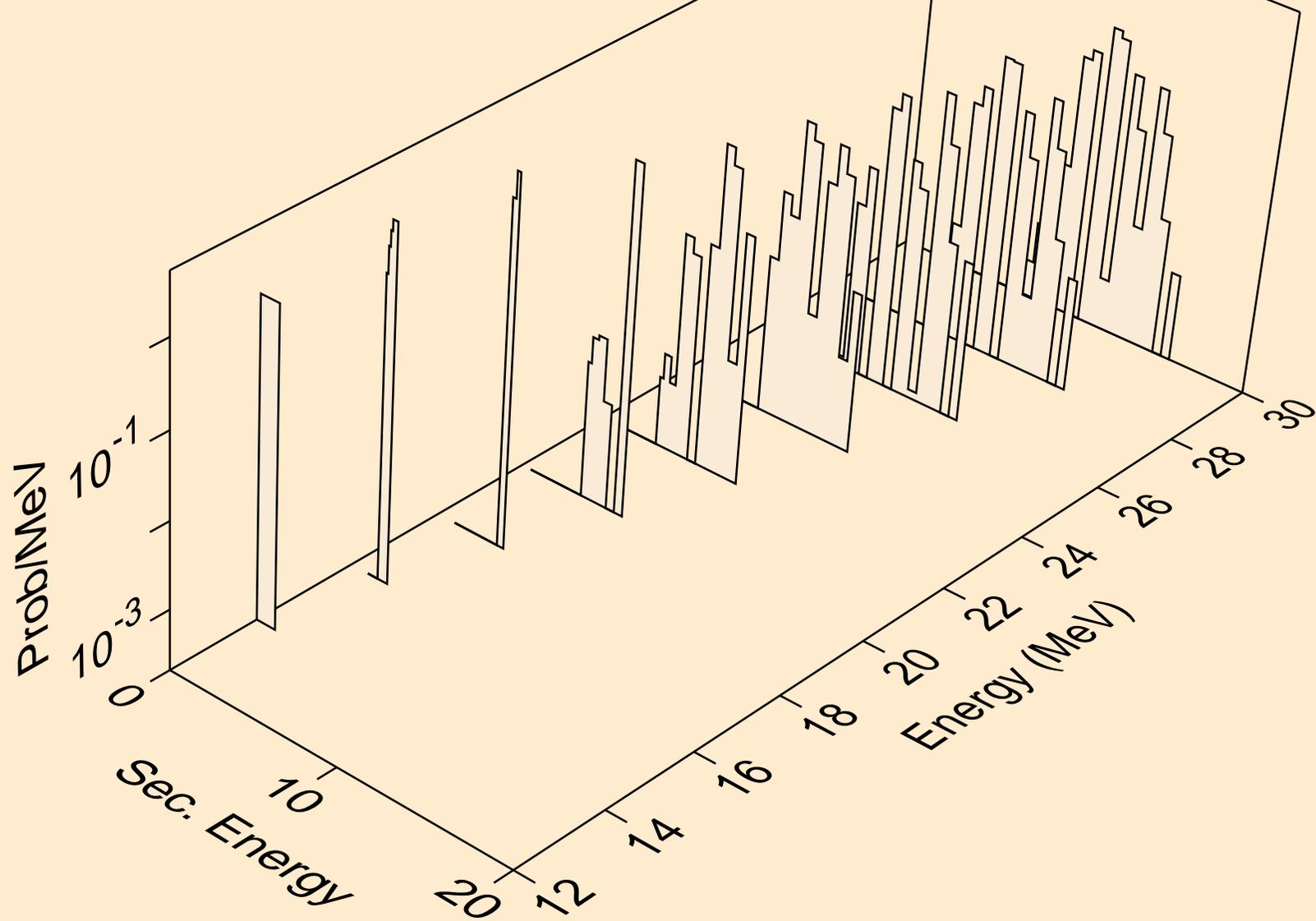
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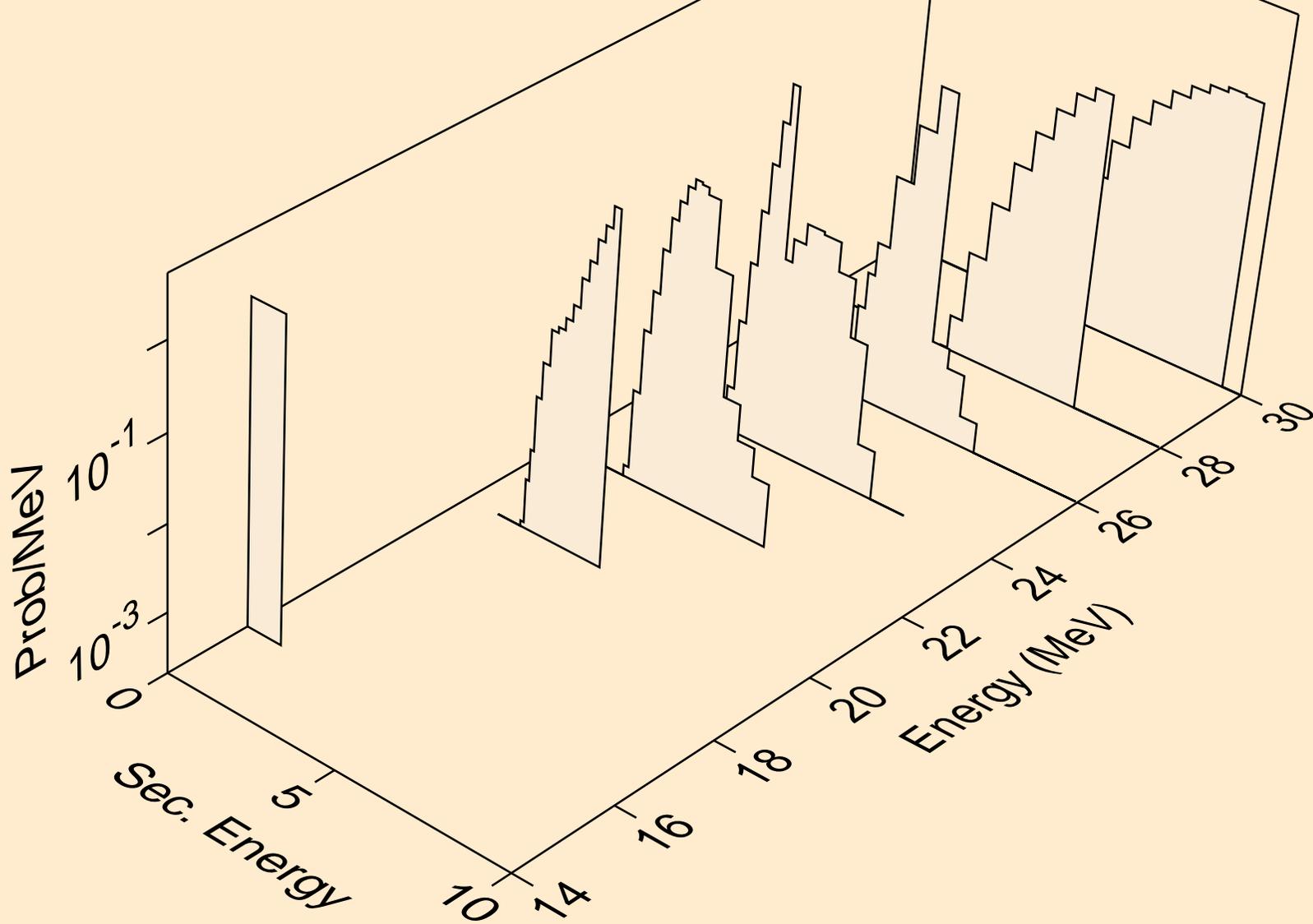
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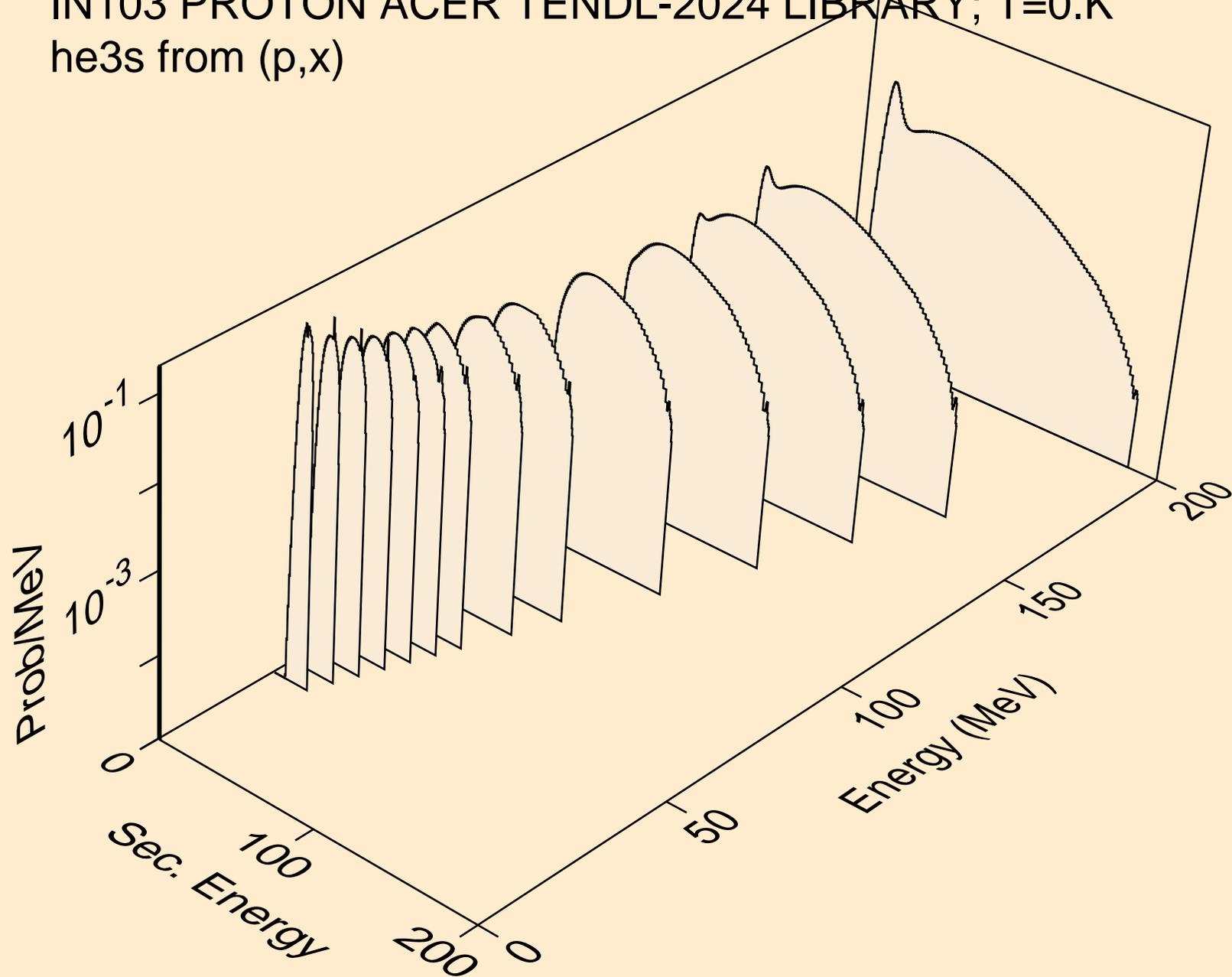
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tritons from (p,t)



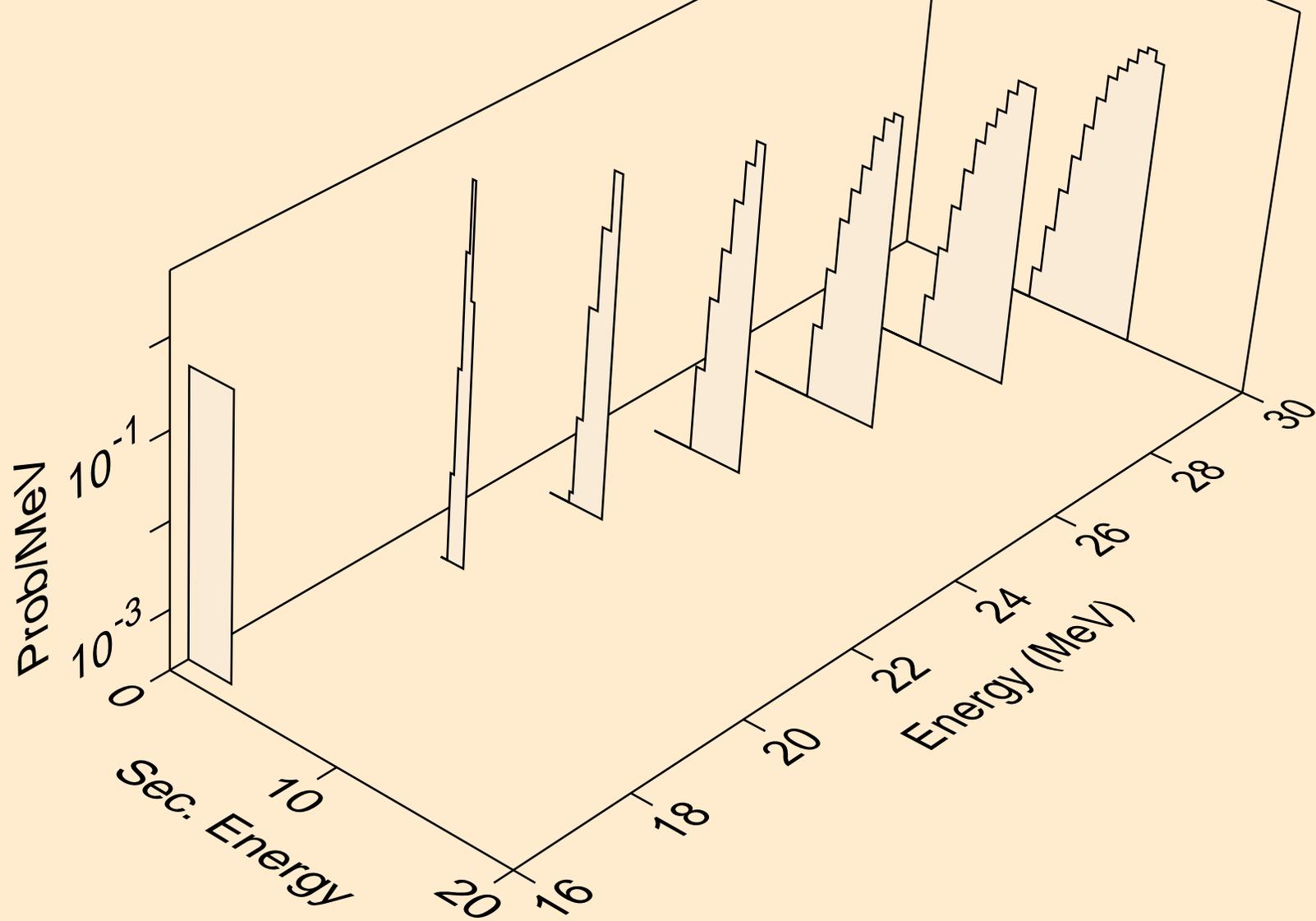
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



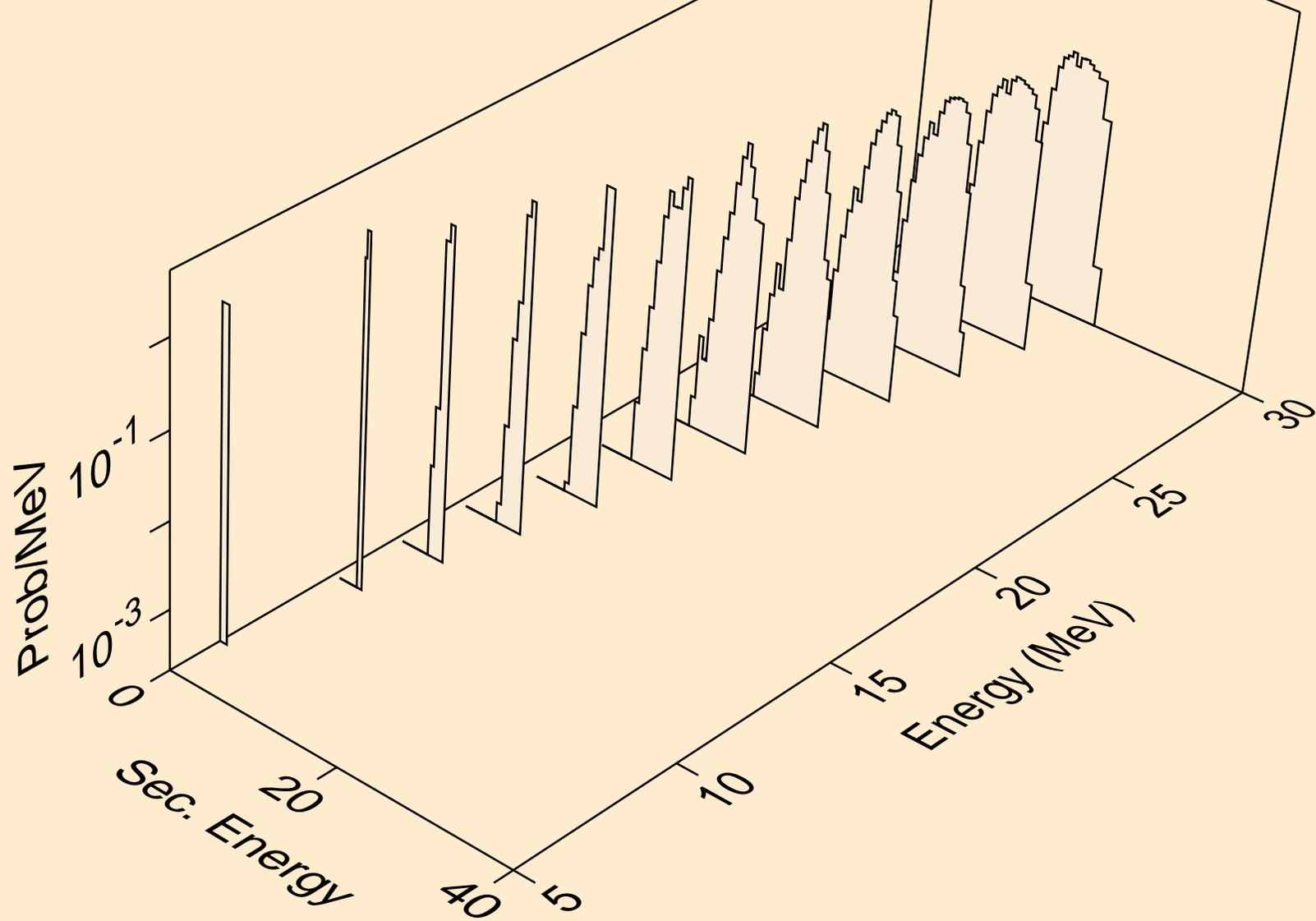
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



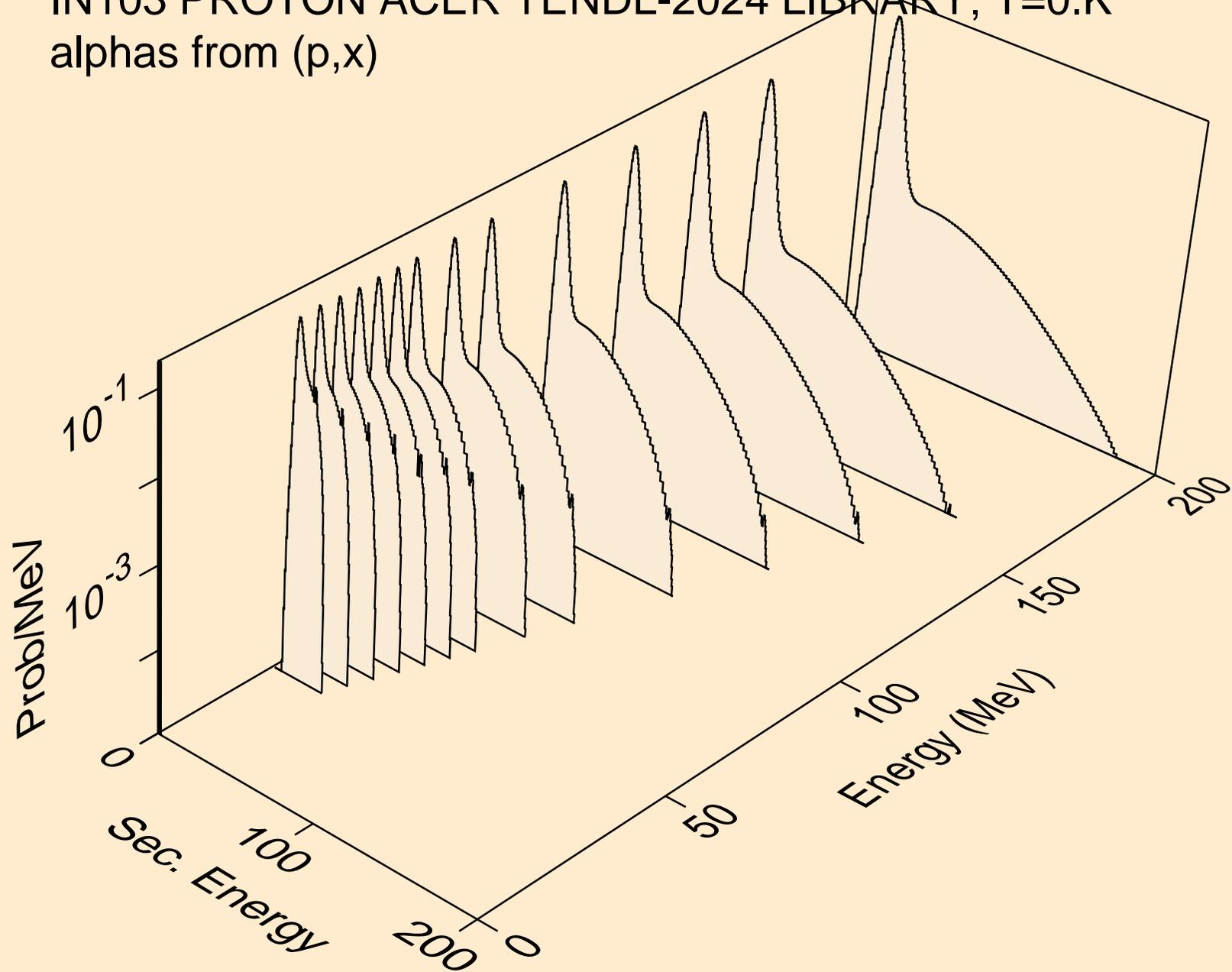
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



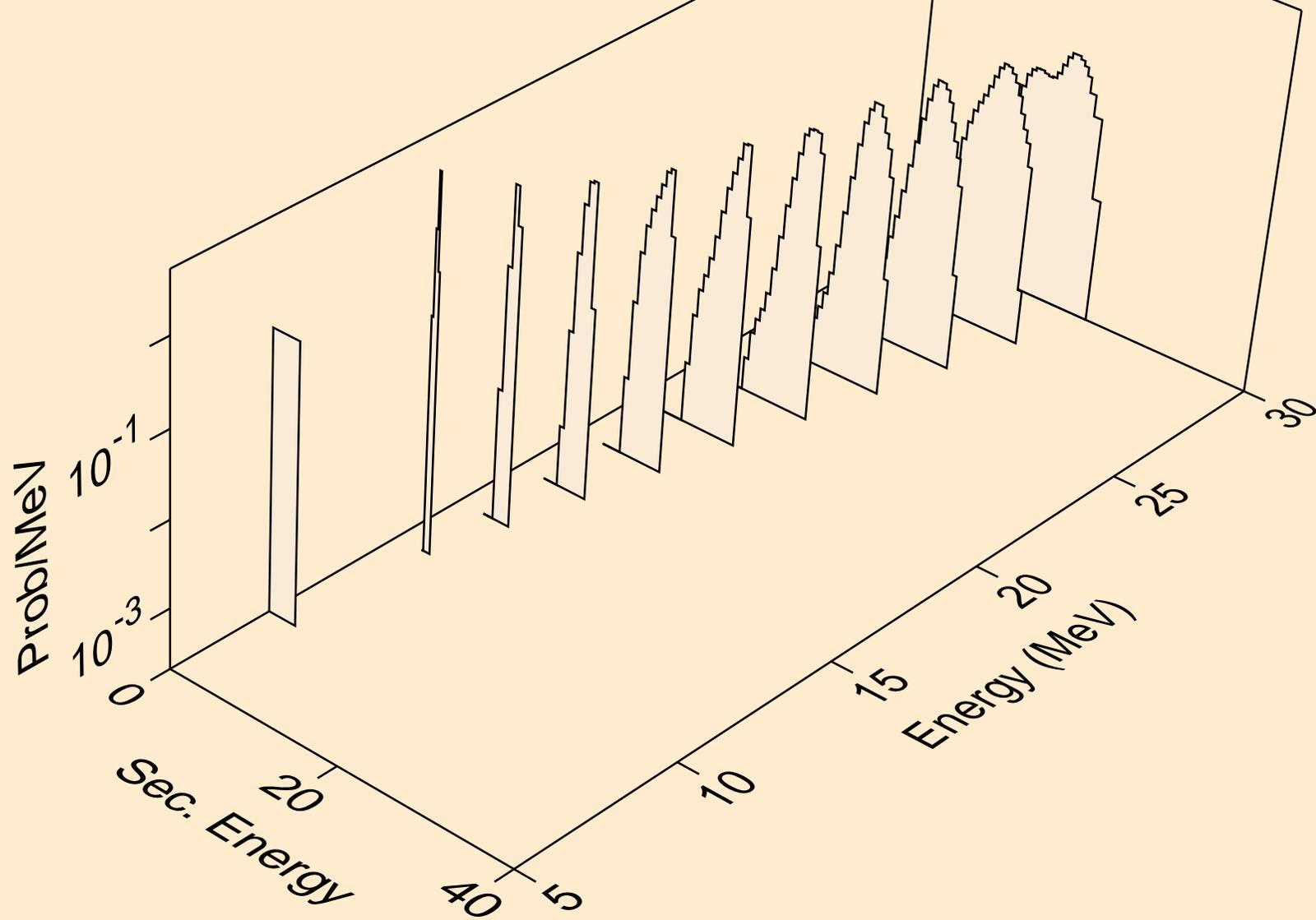
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



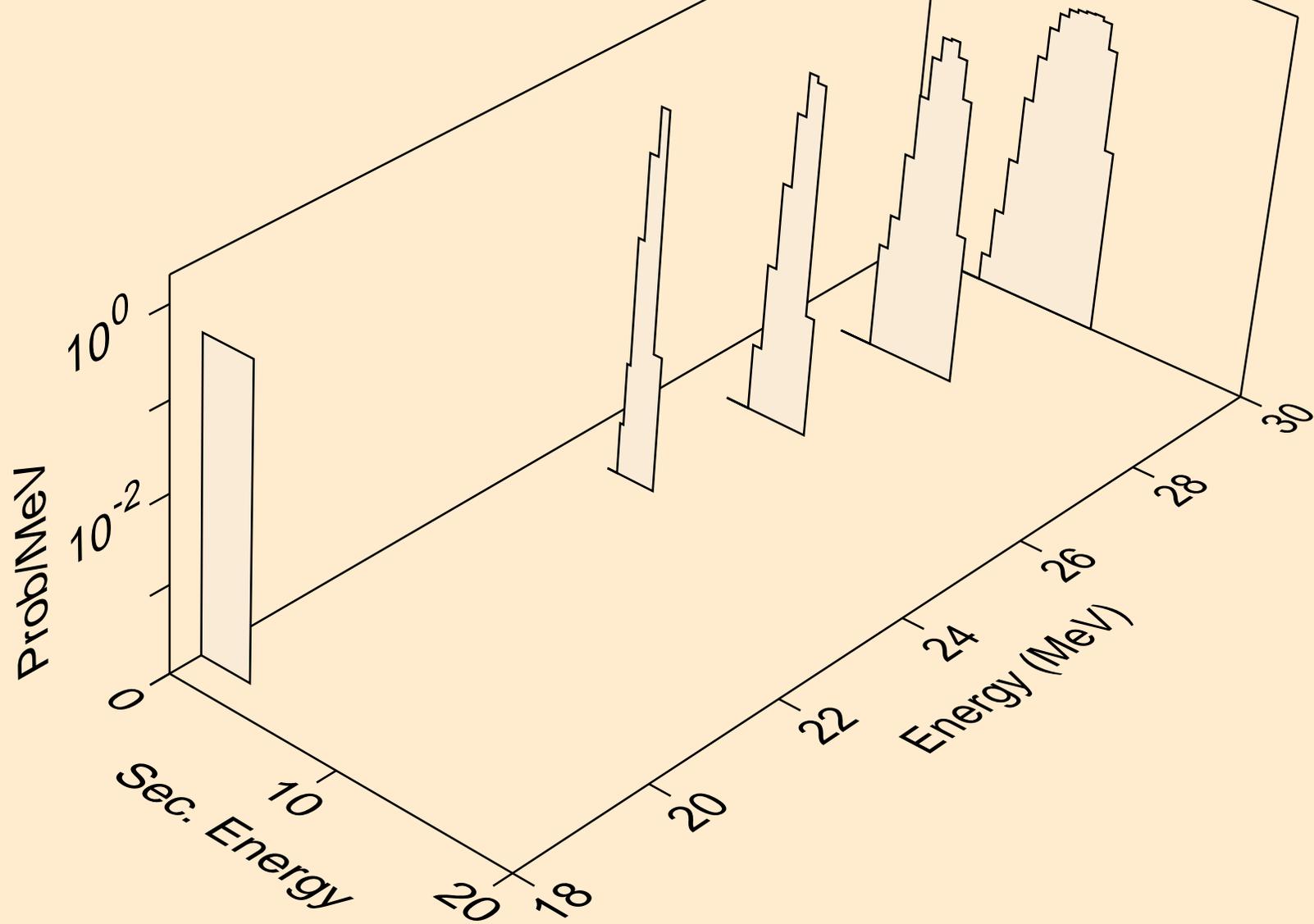
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



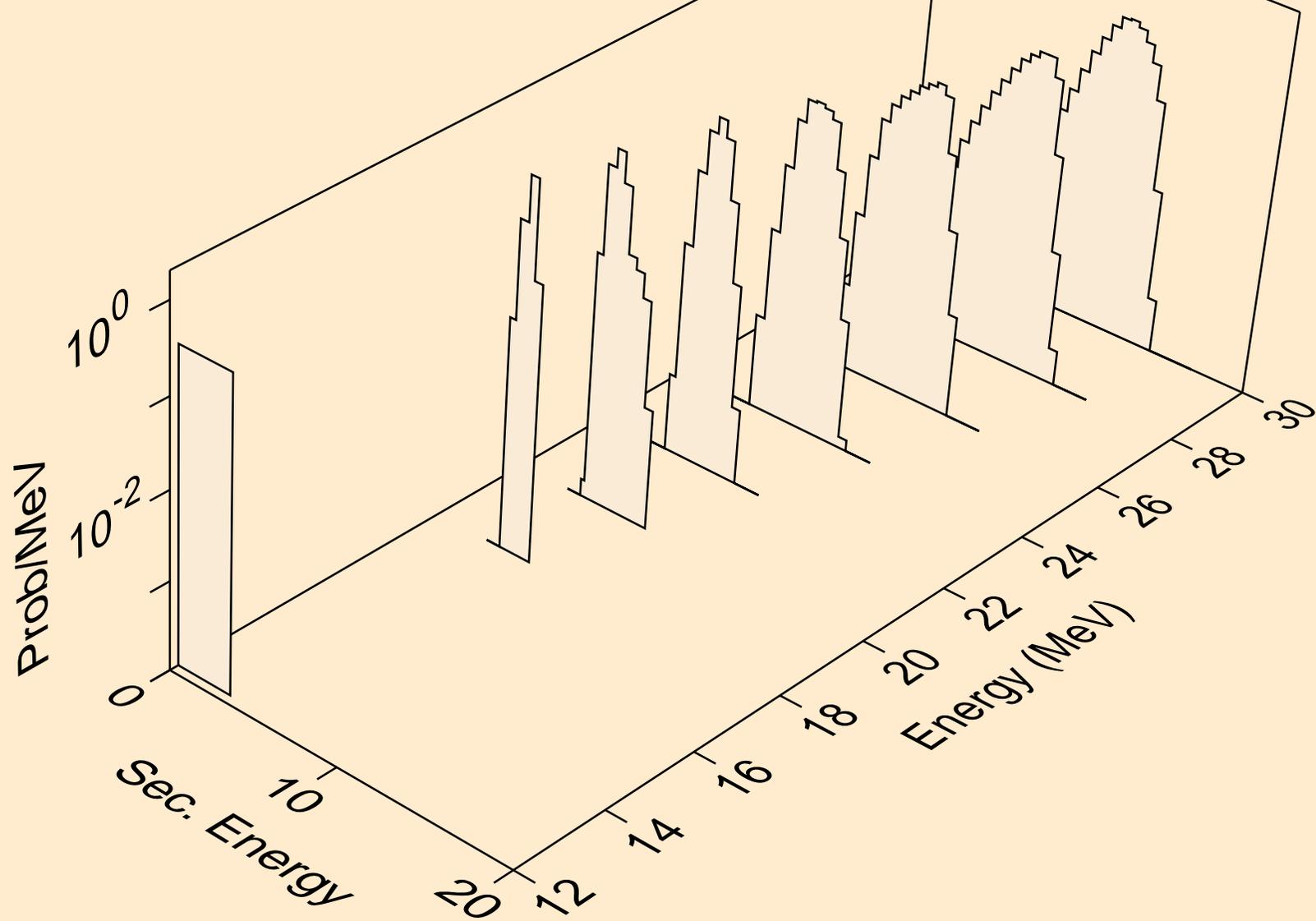
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



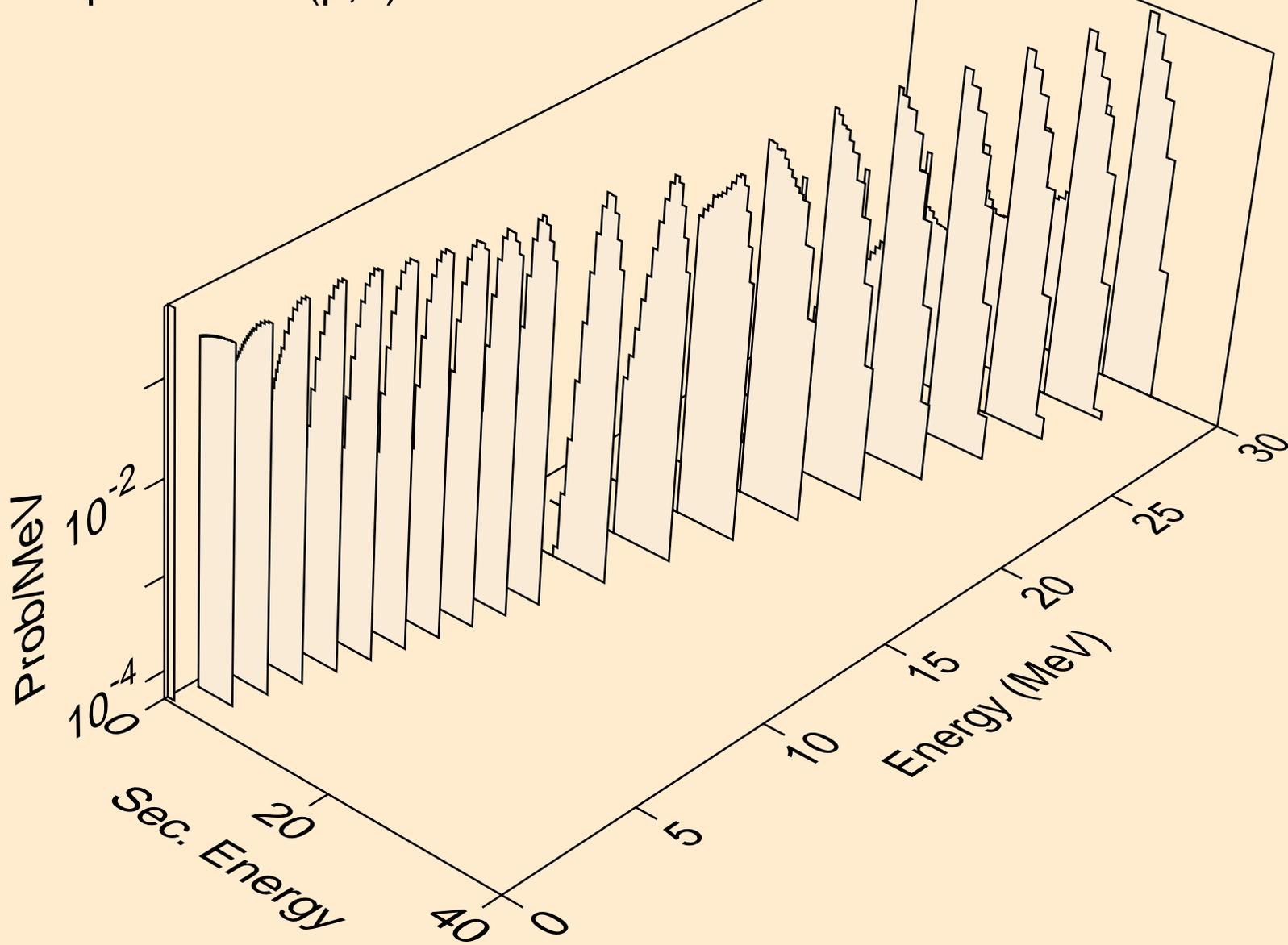
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



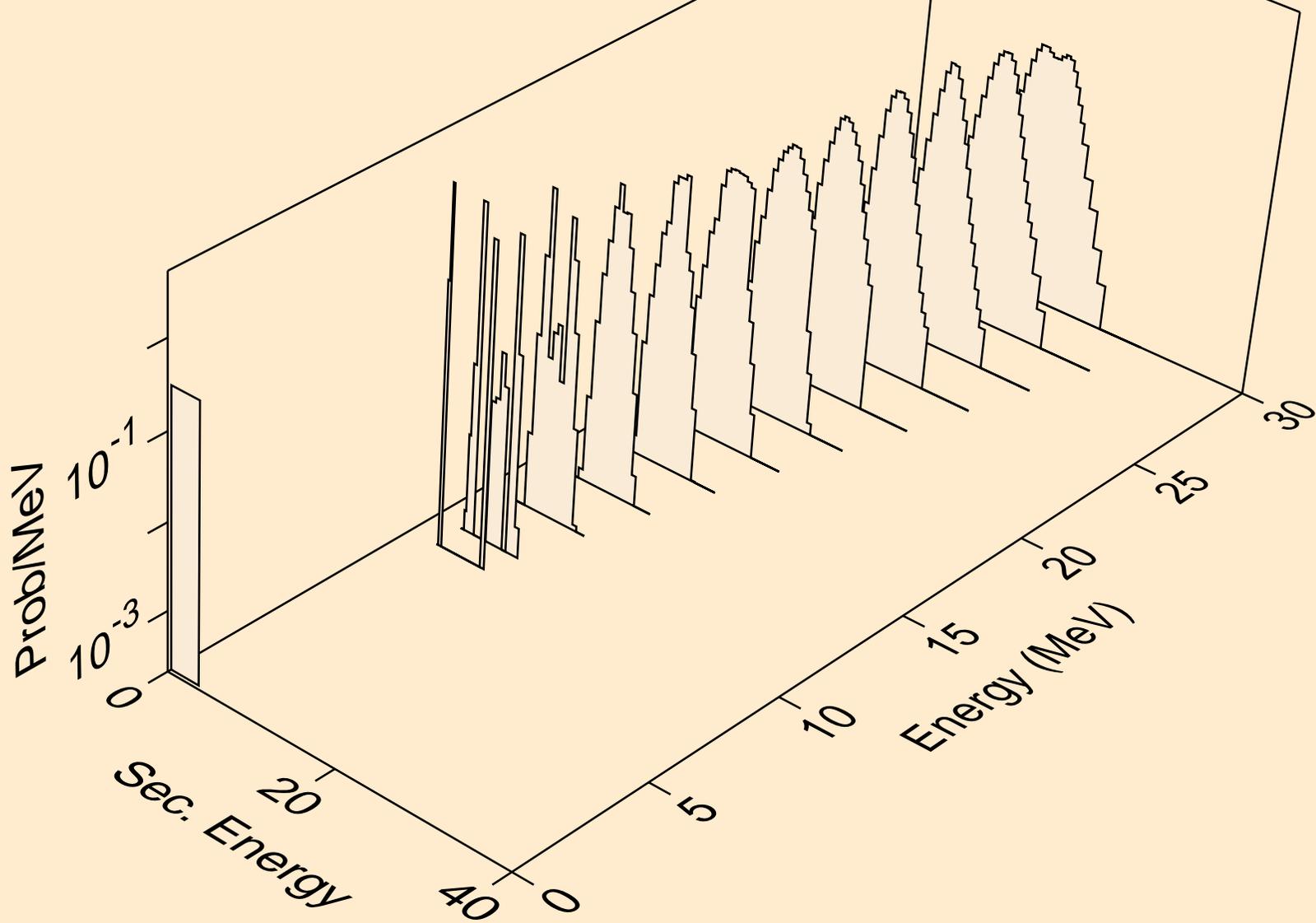
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



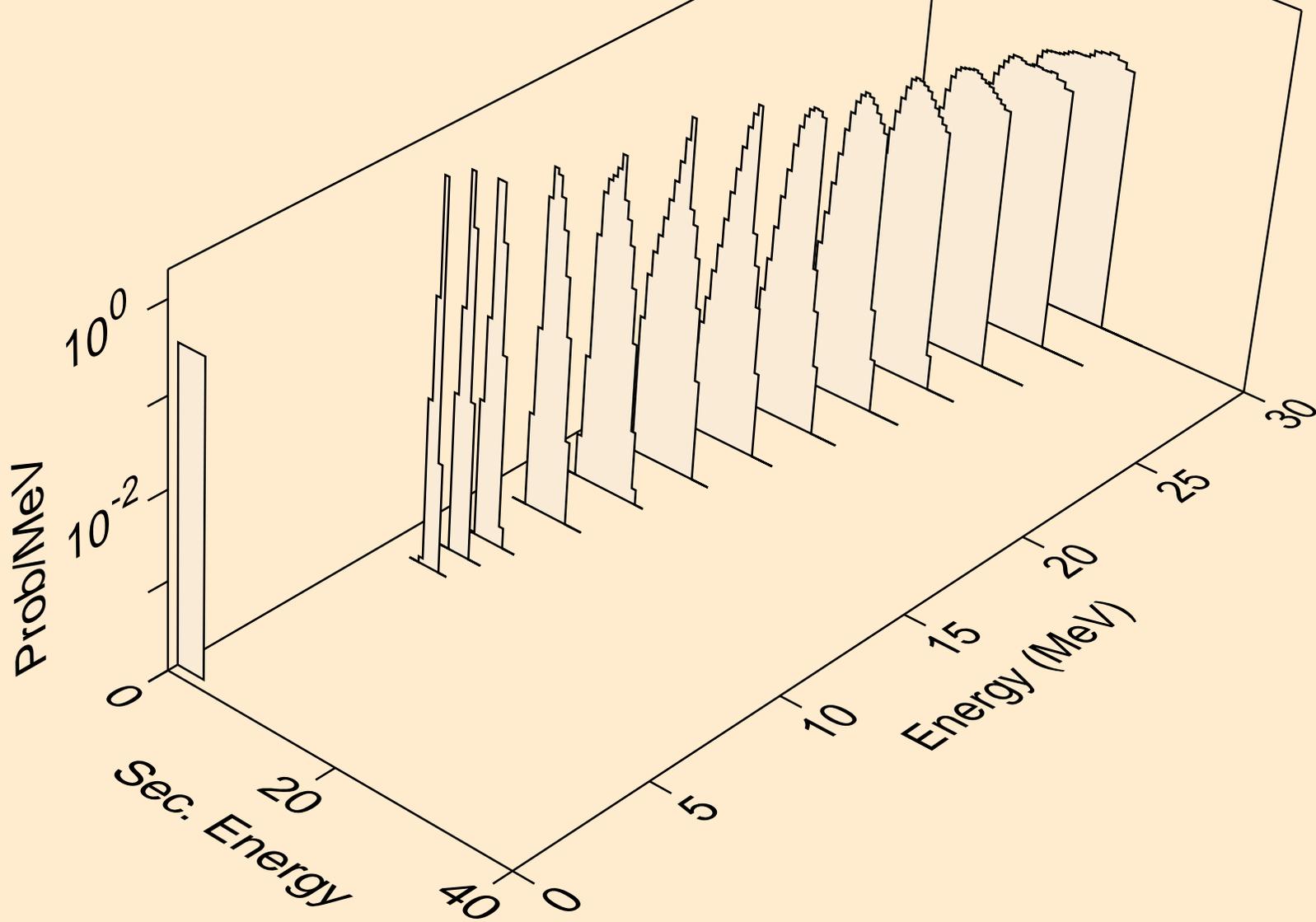
IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



IN103 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

