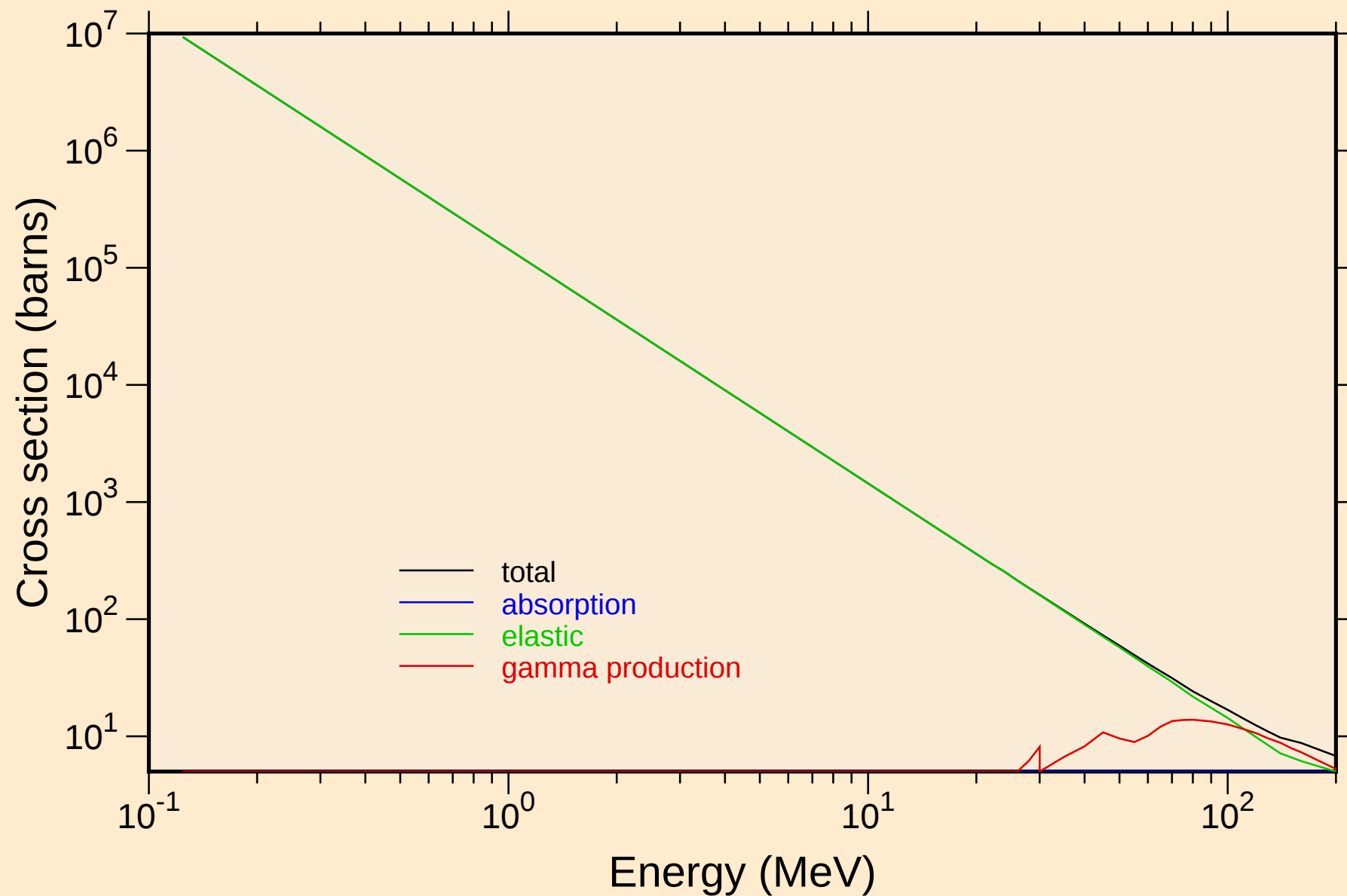


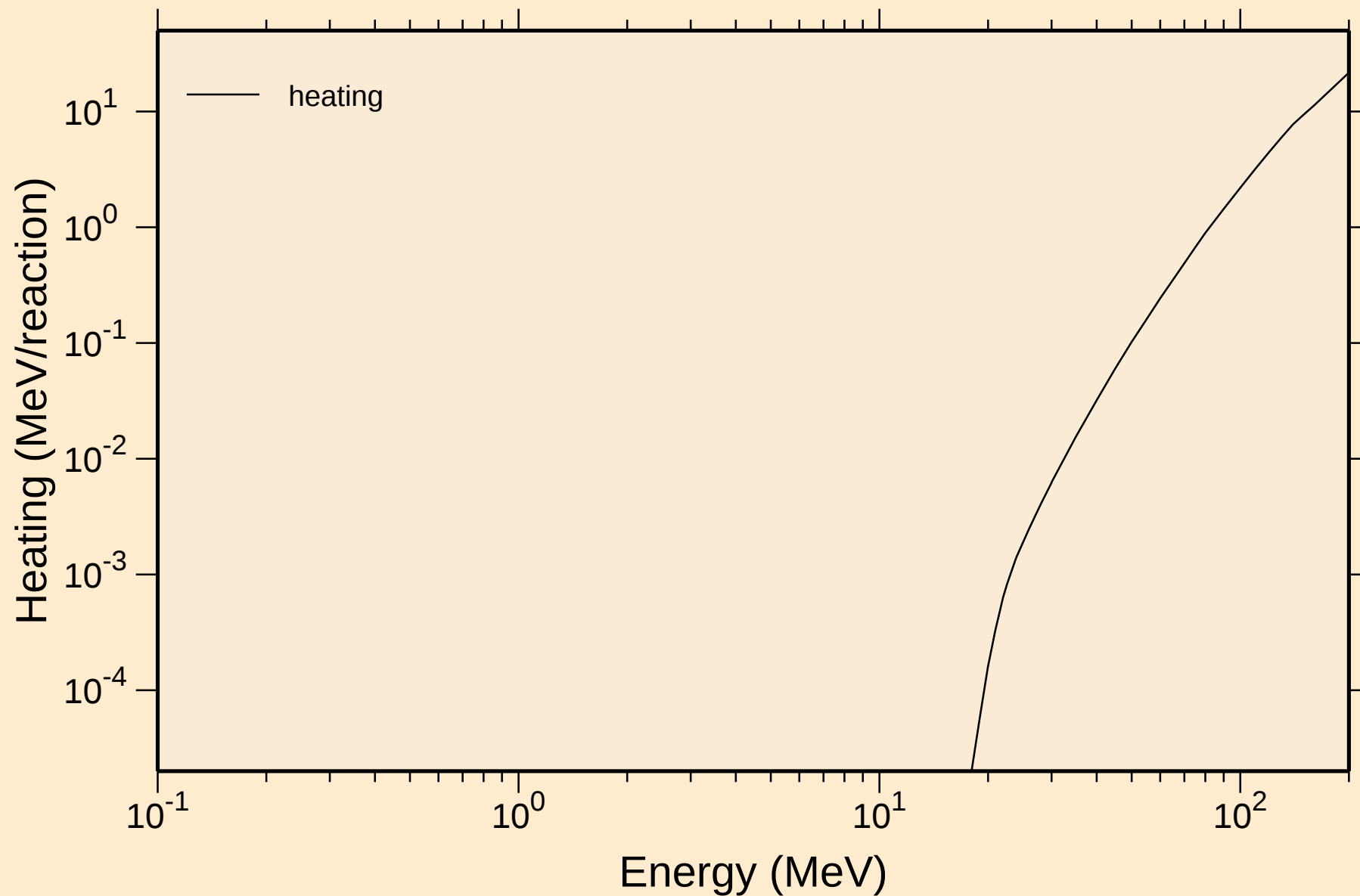
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



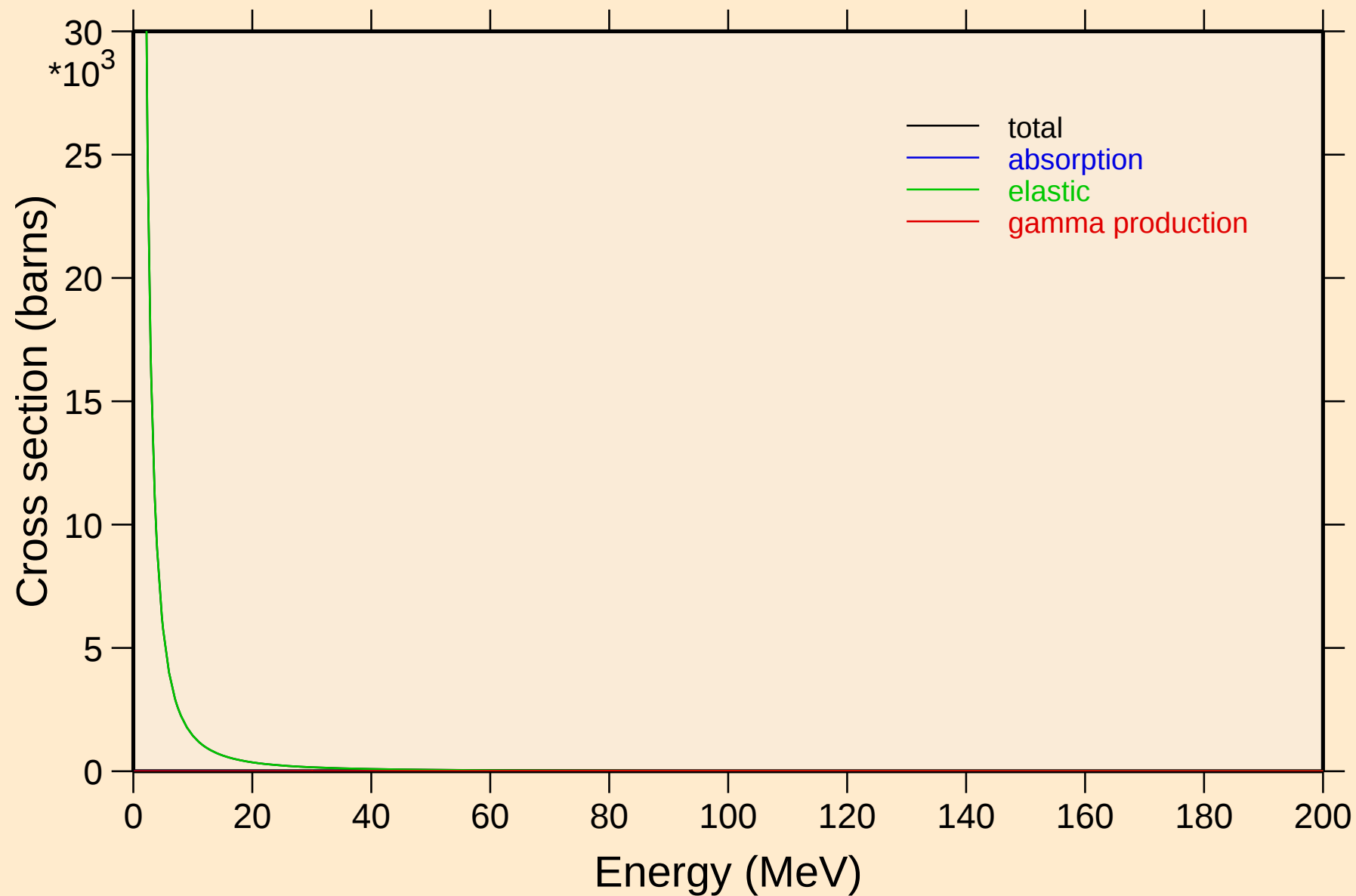
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



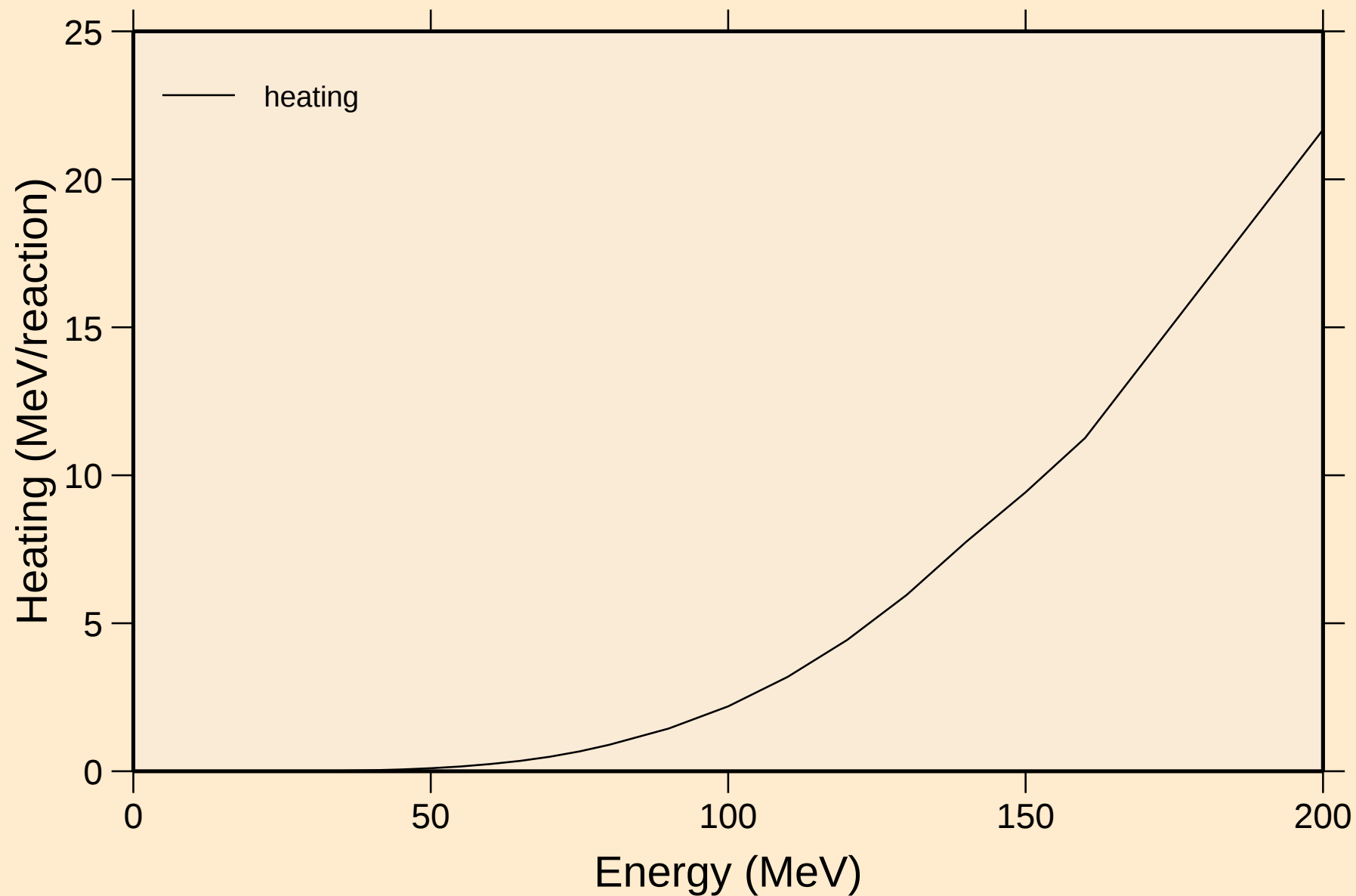
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



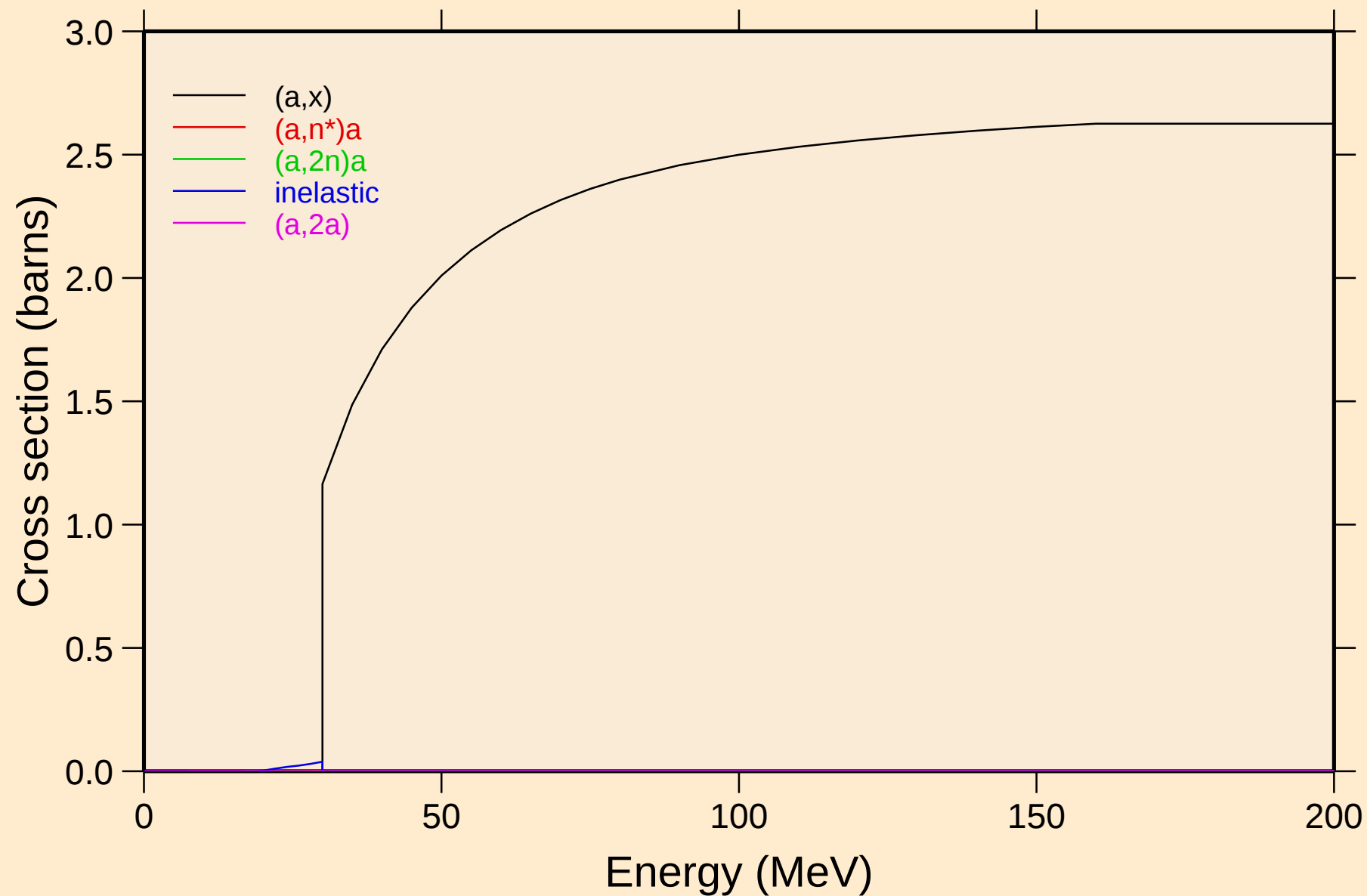
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

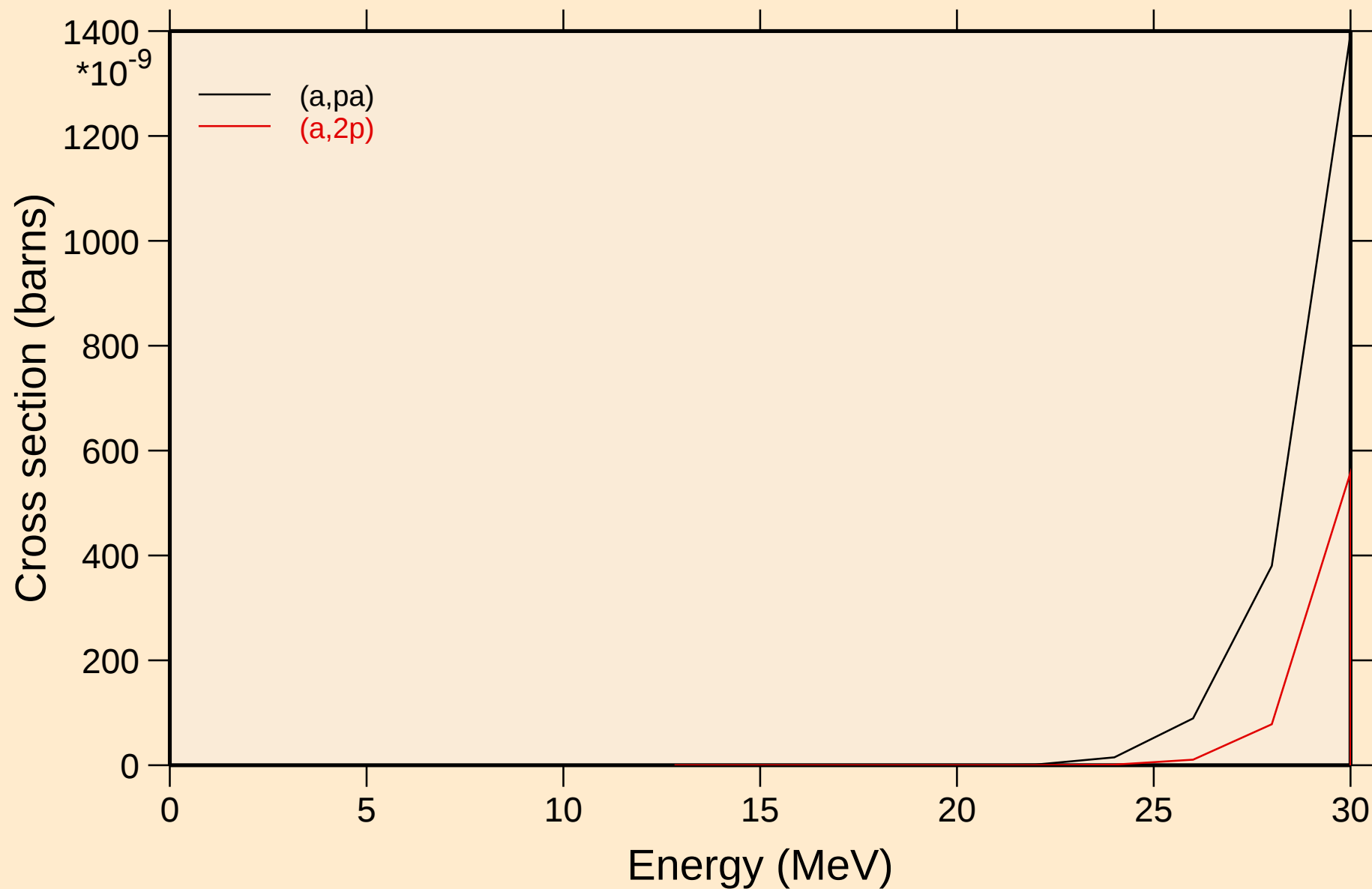


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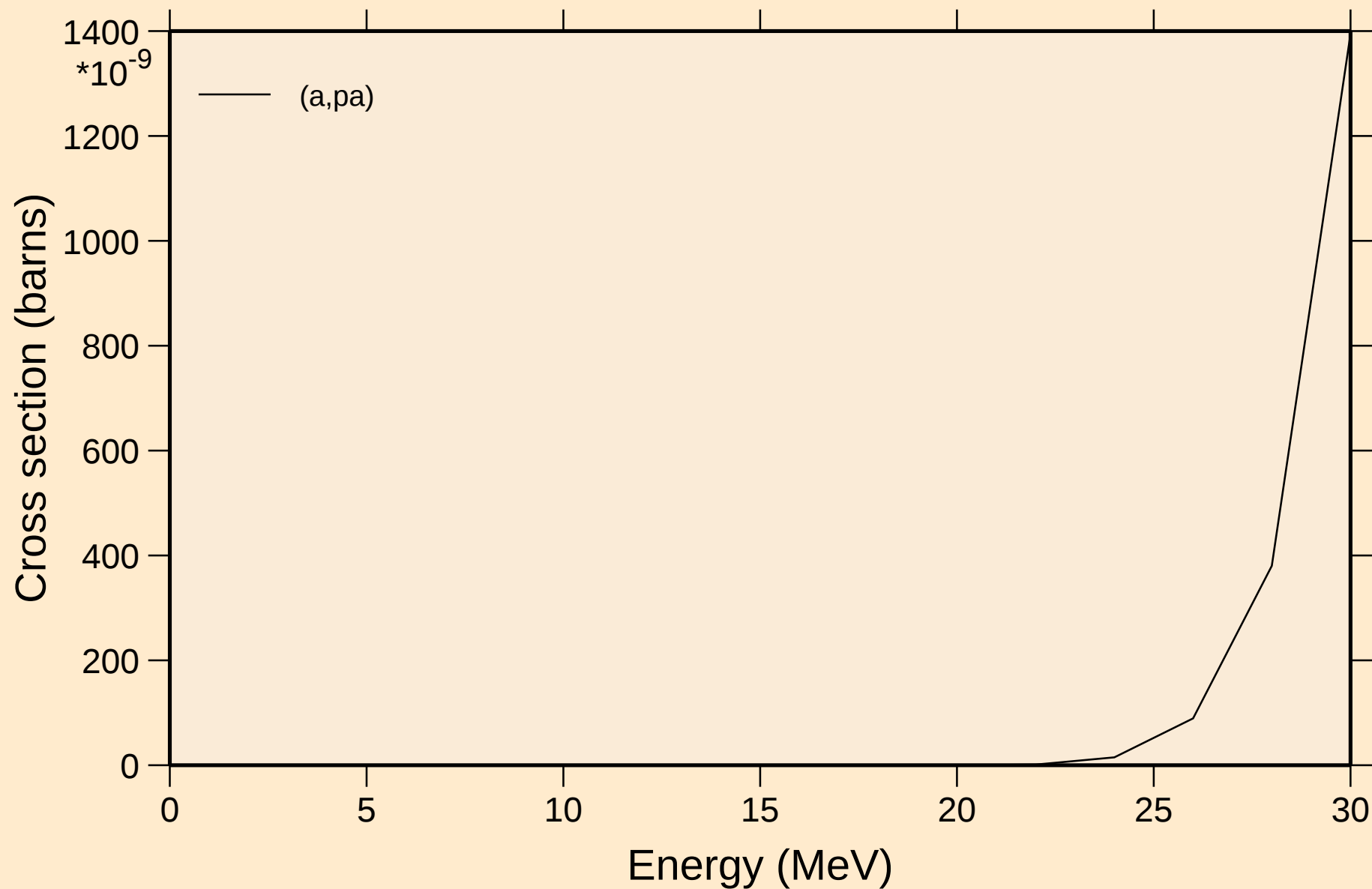
Threshold reactions



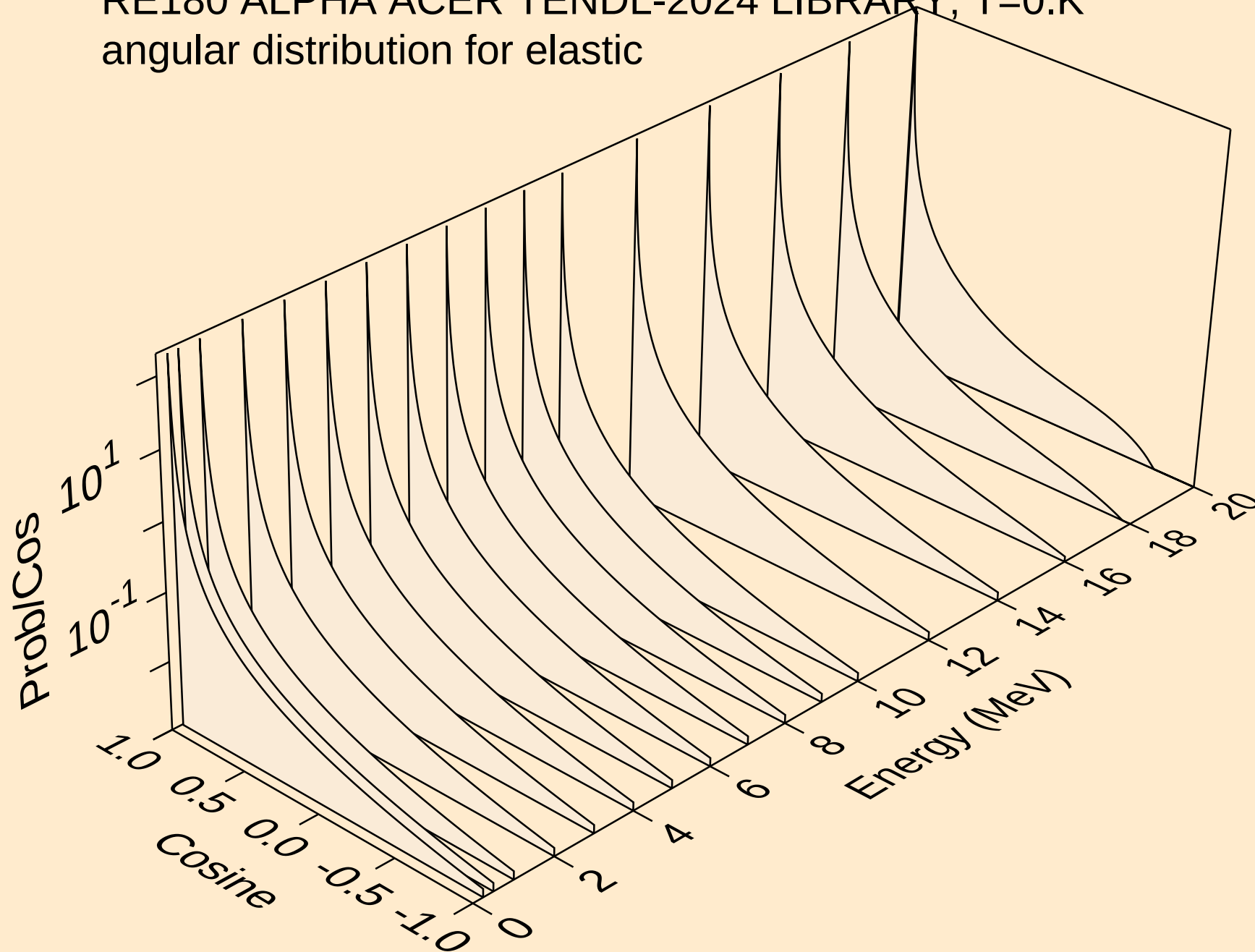
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



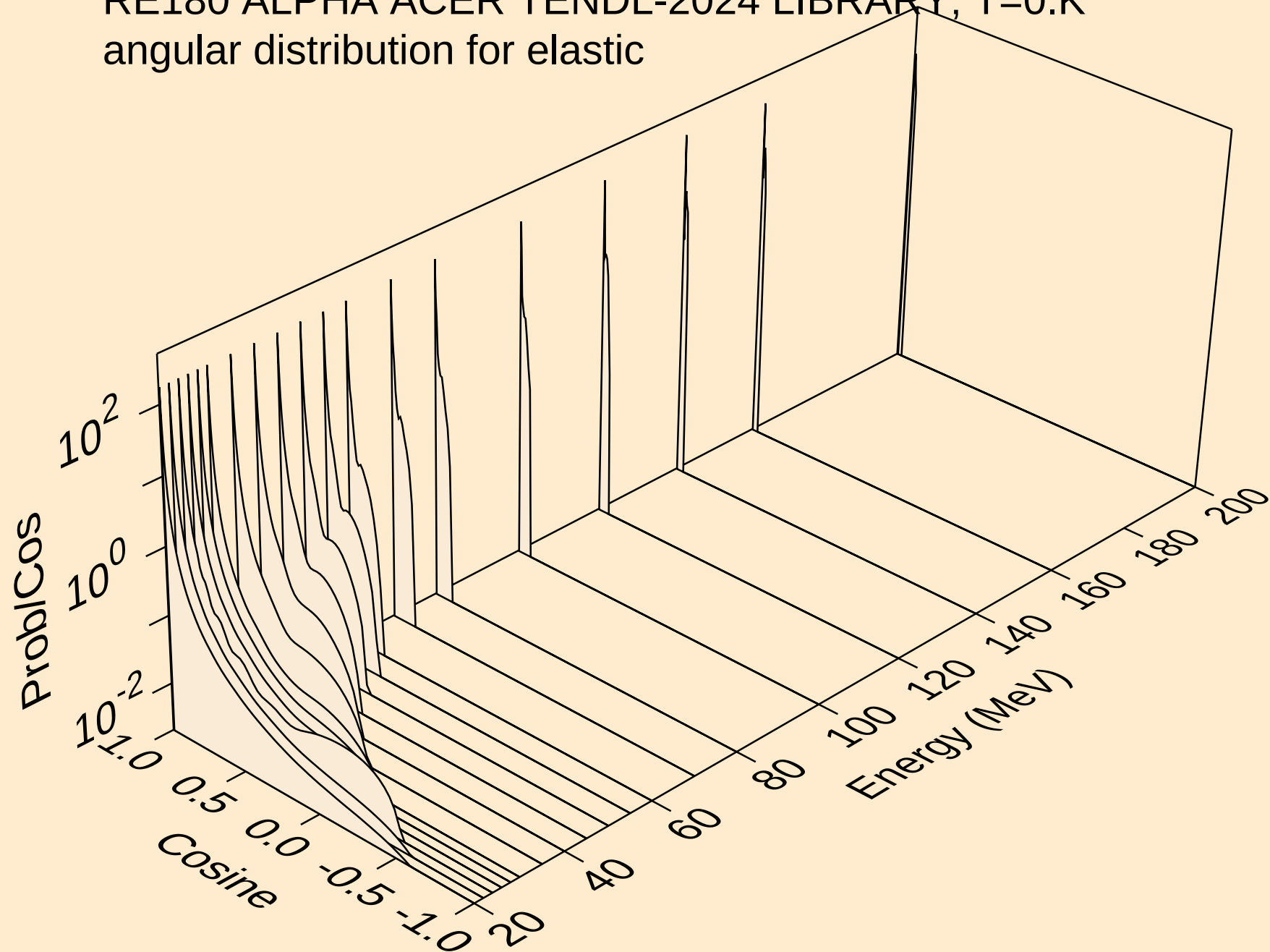
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

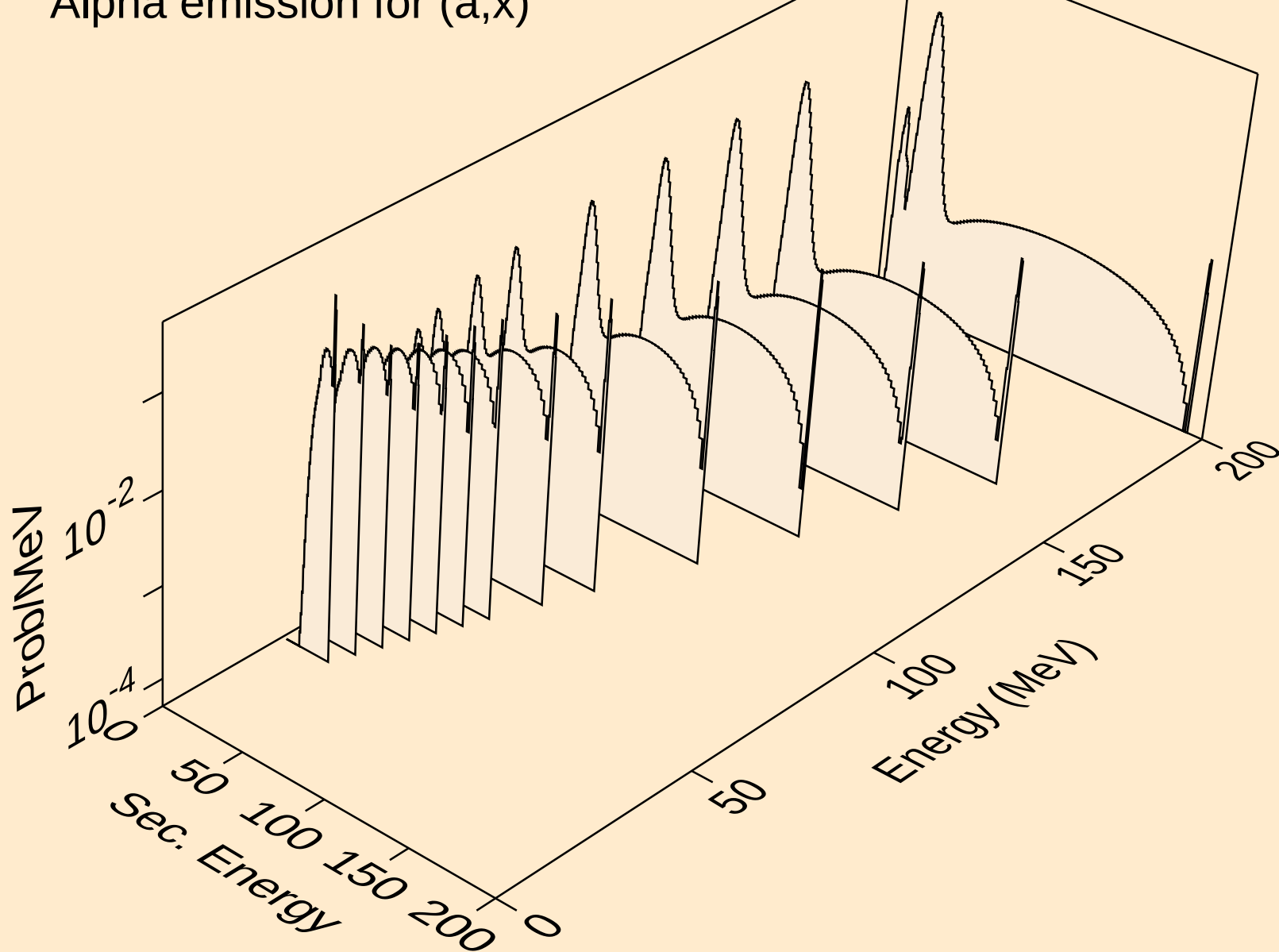


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

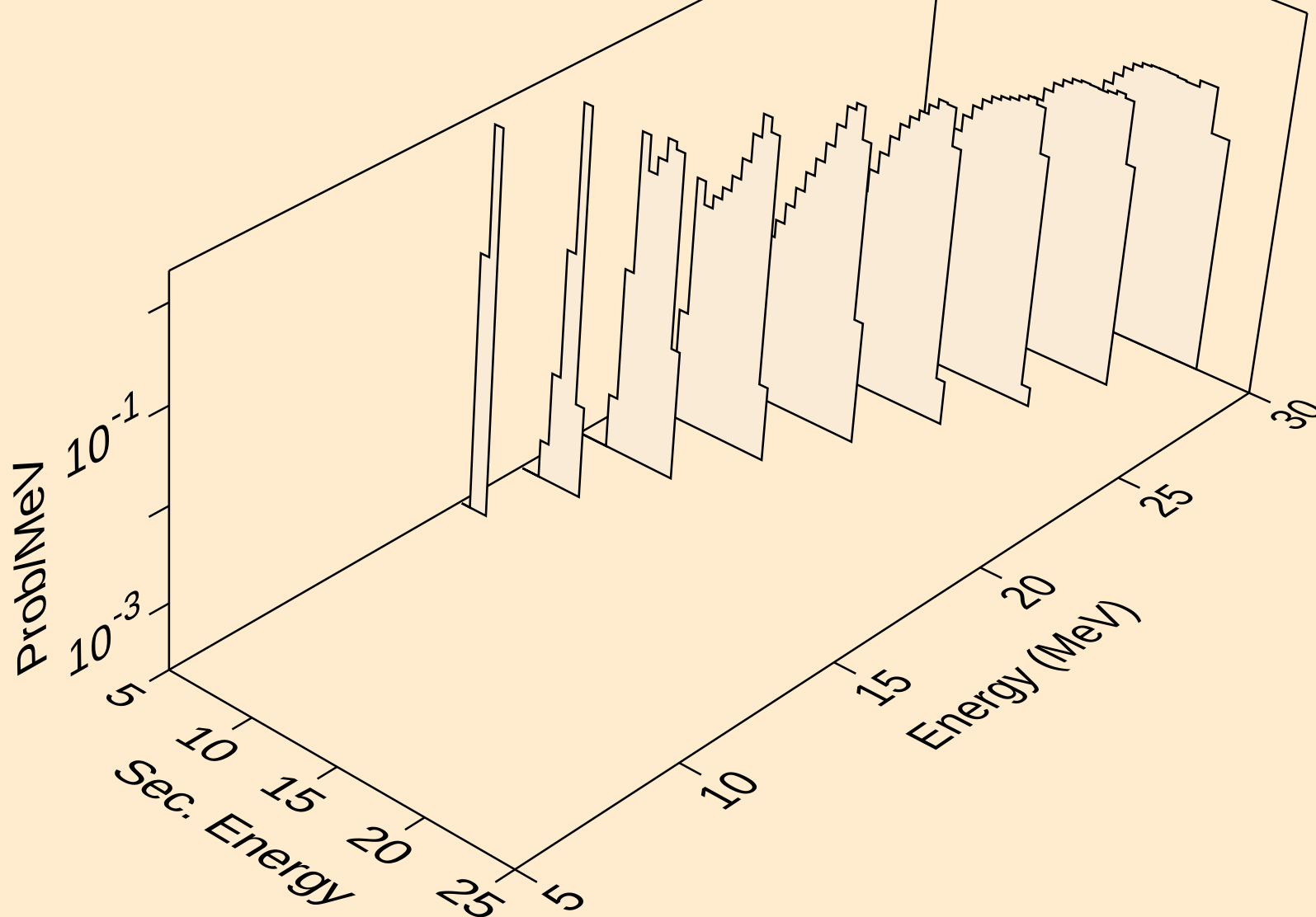


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)

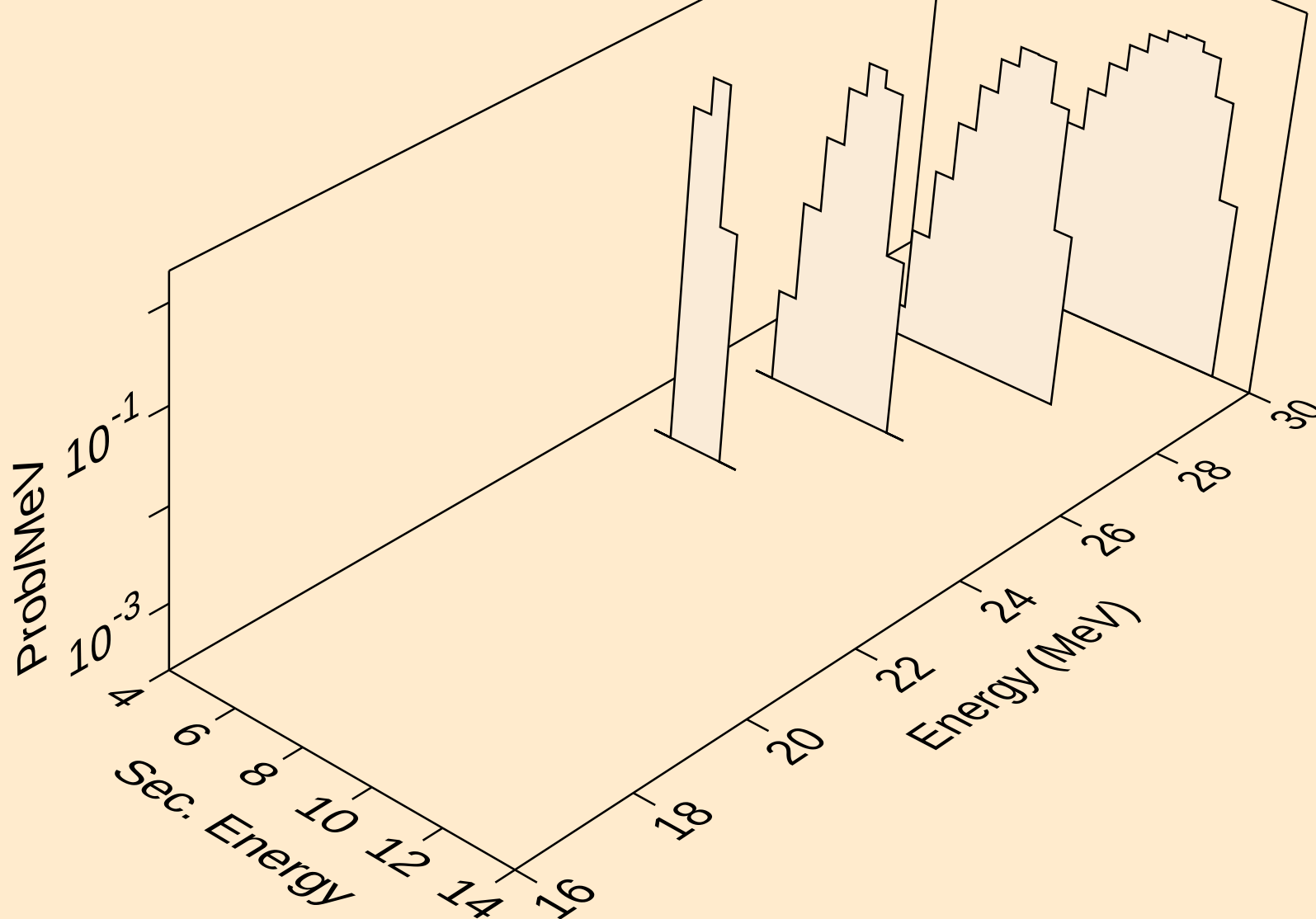


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



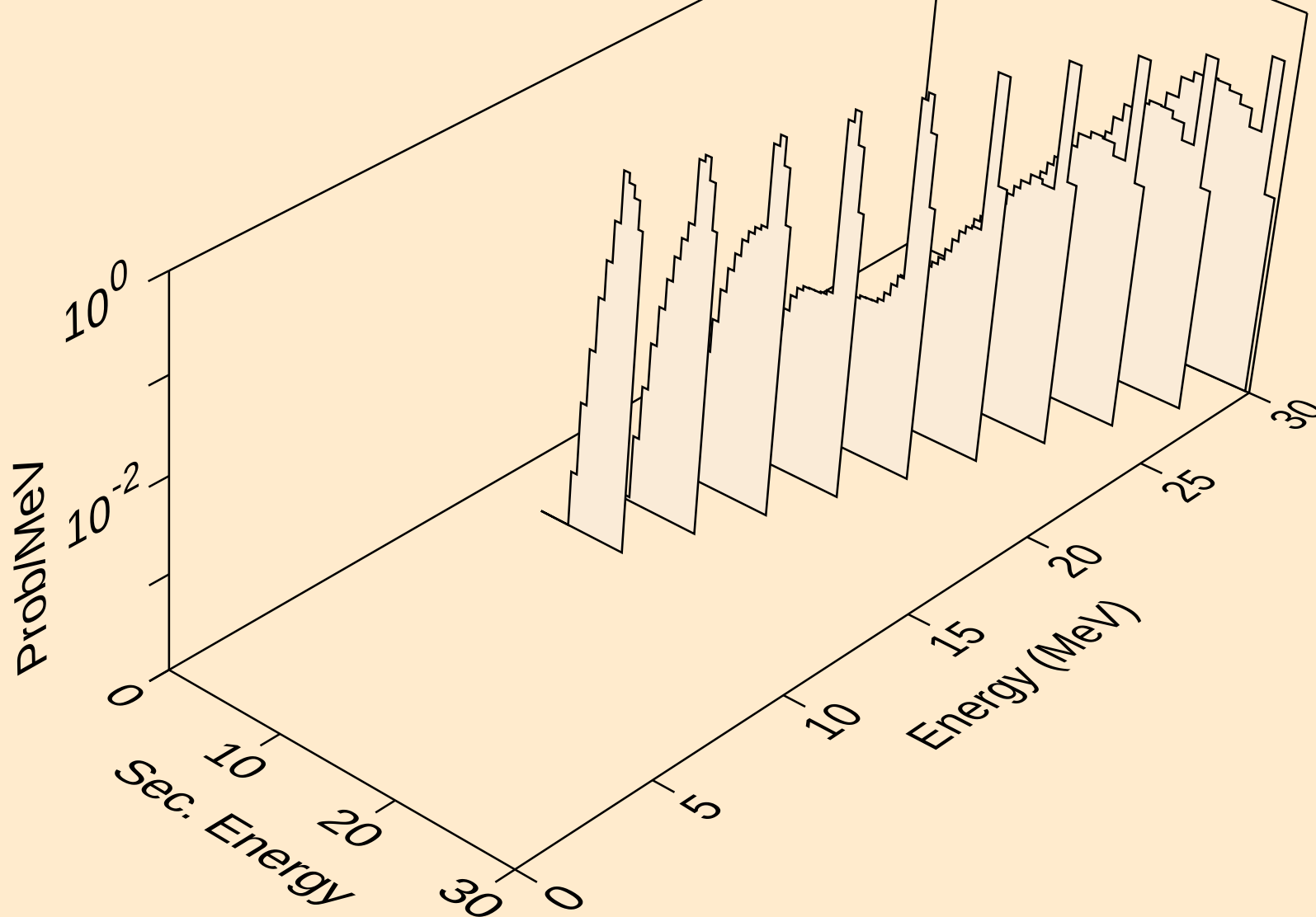
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



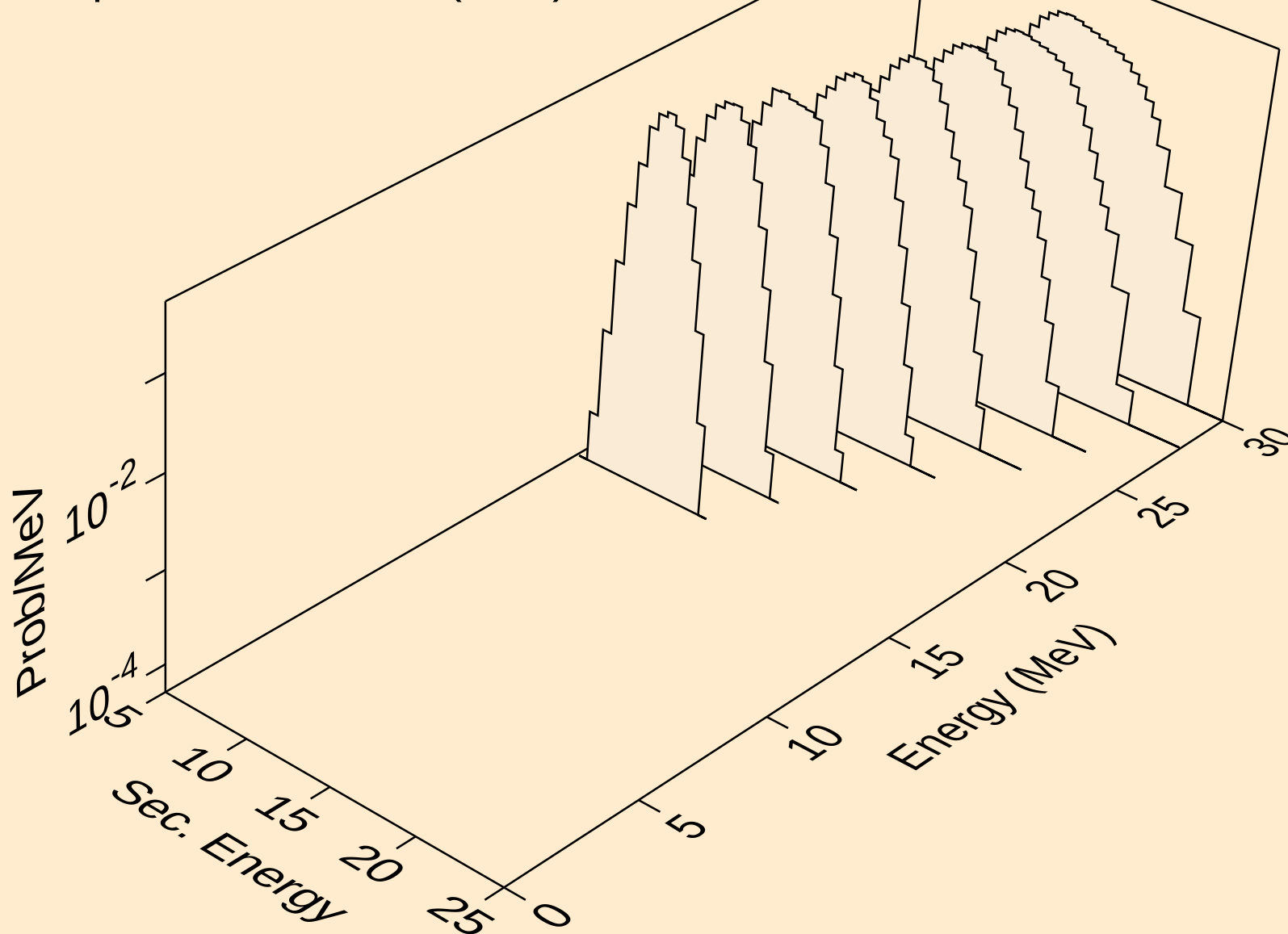
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

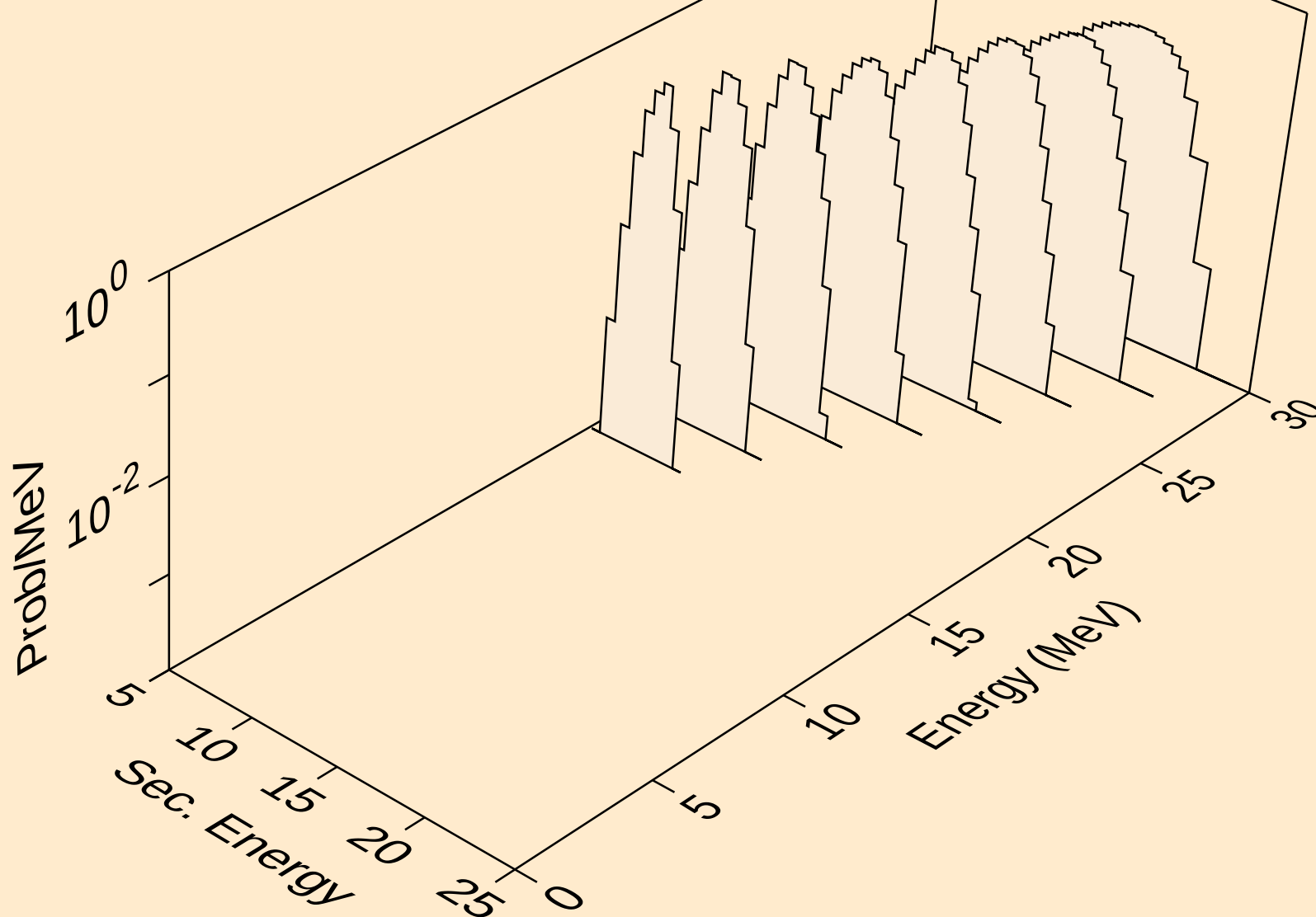


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

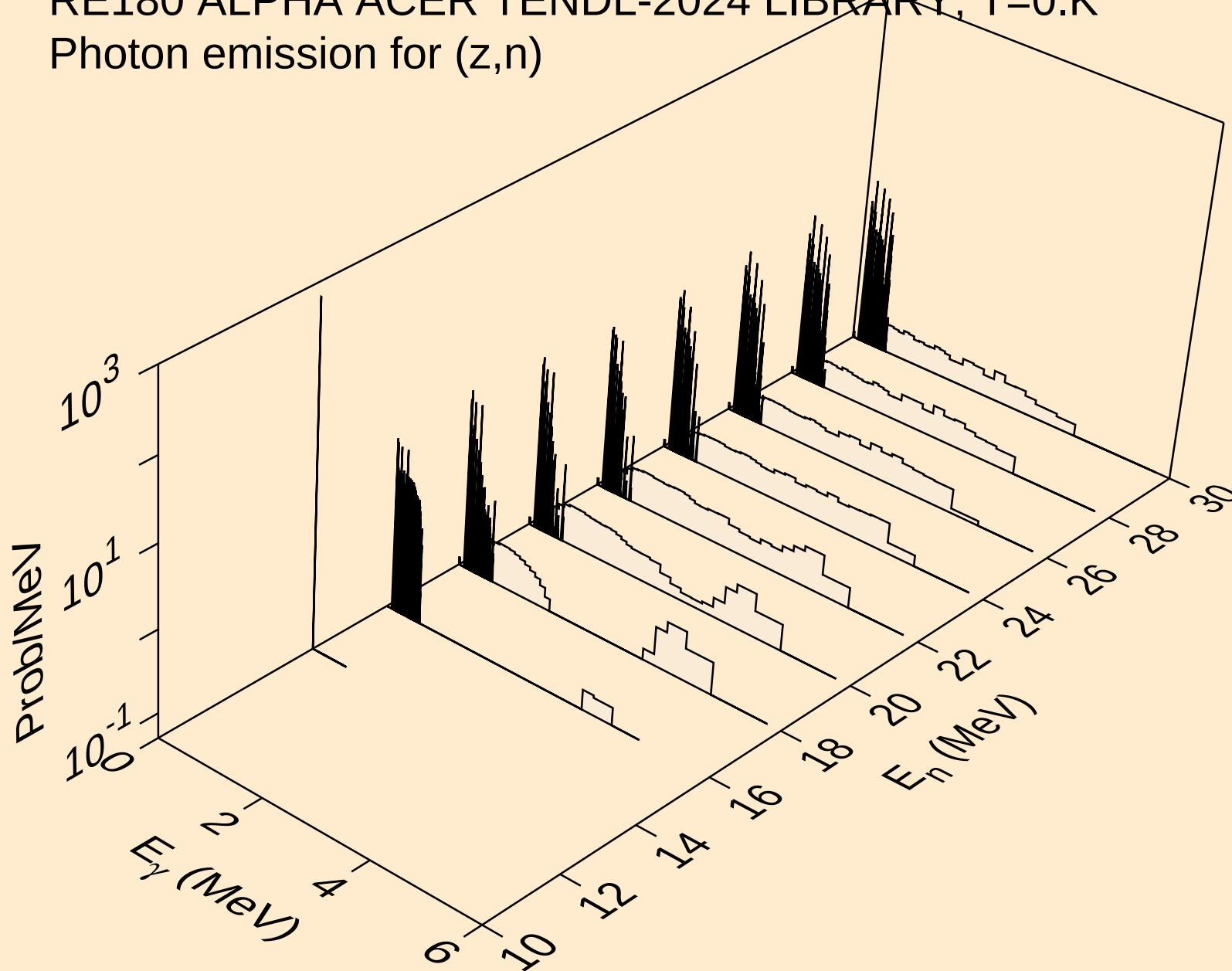
Alpha emission for (a,2a)



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)

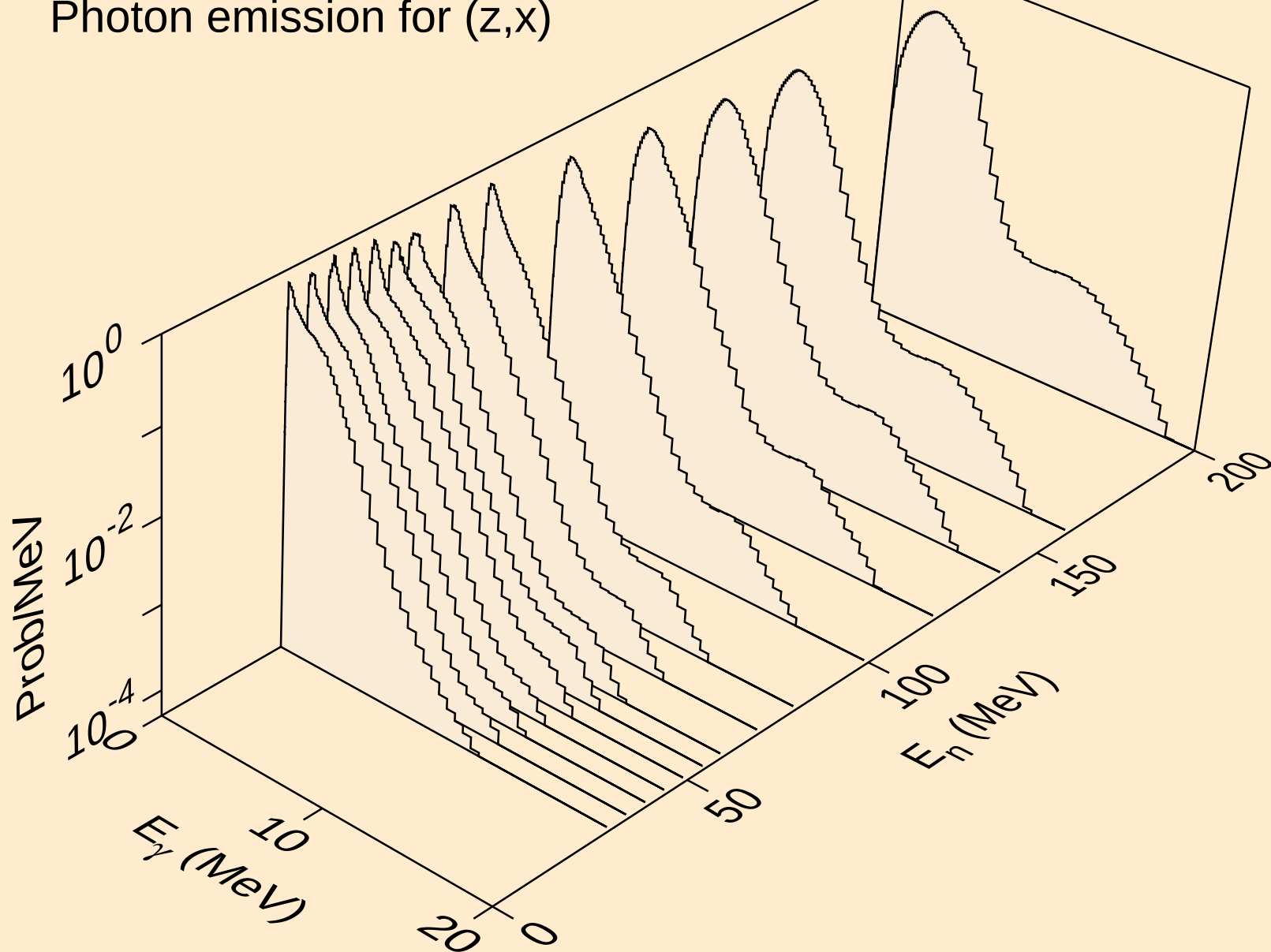


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

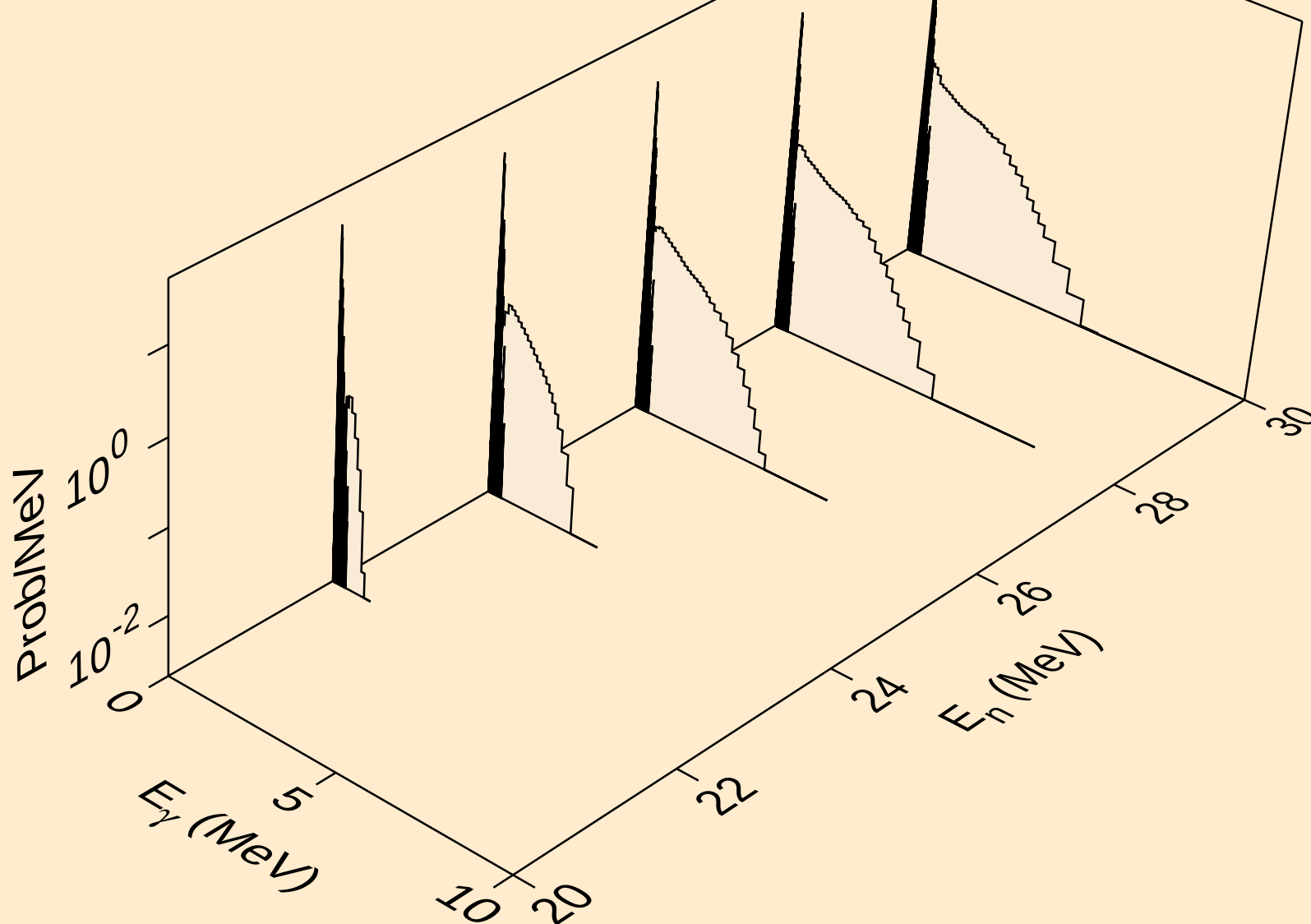


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

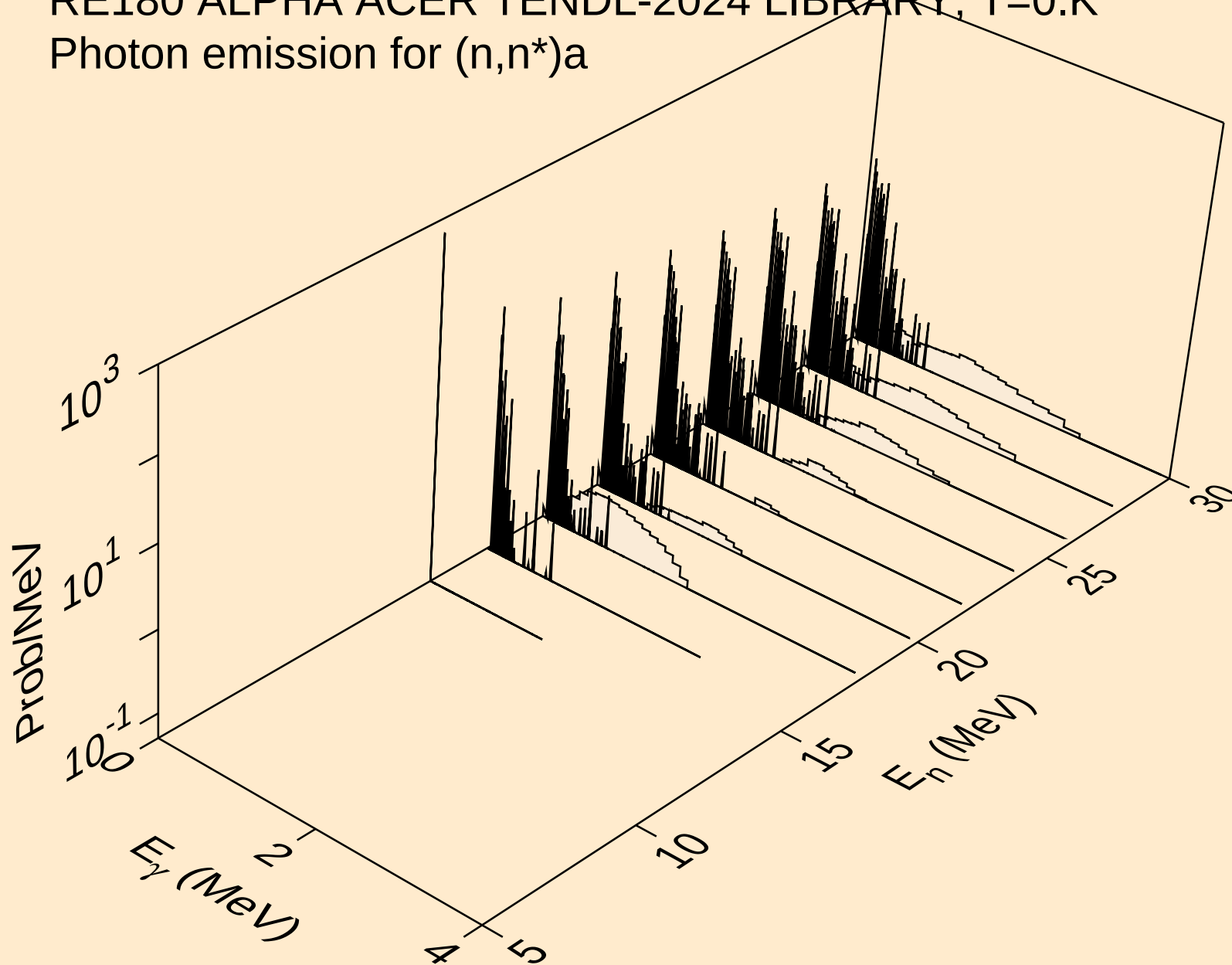
Photon emission for (z,x)



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

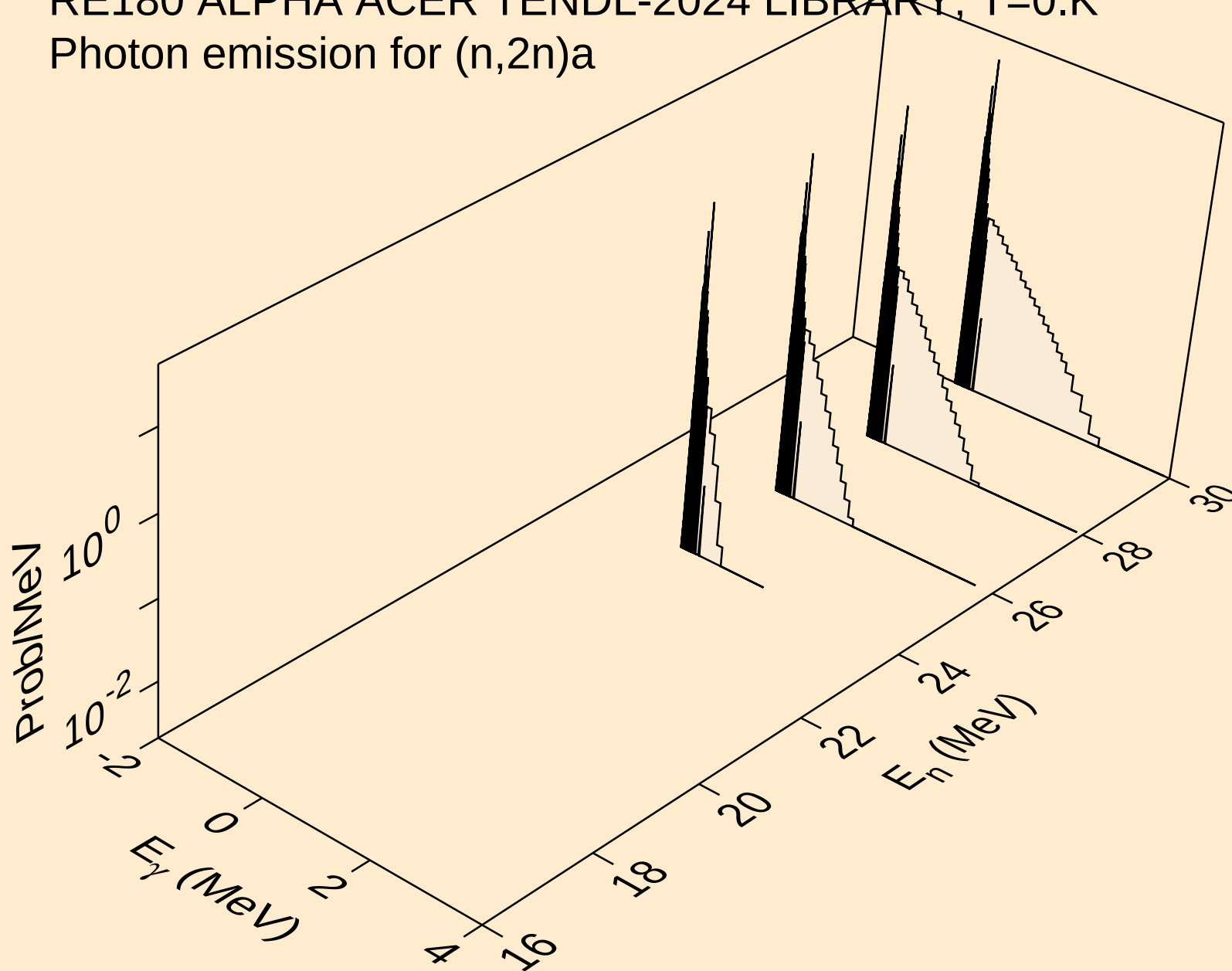


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

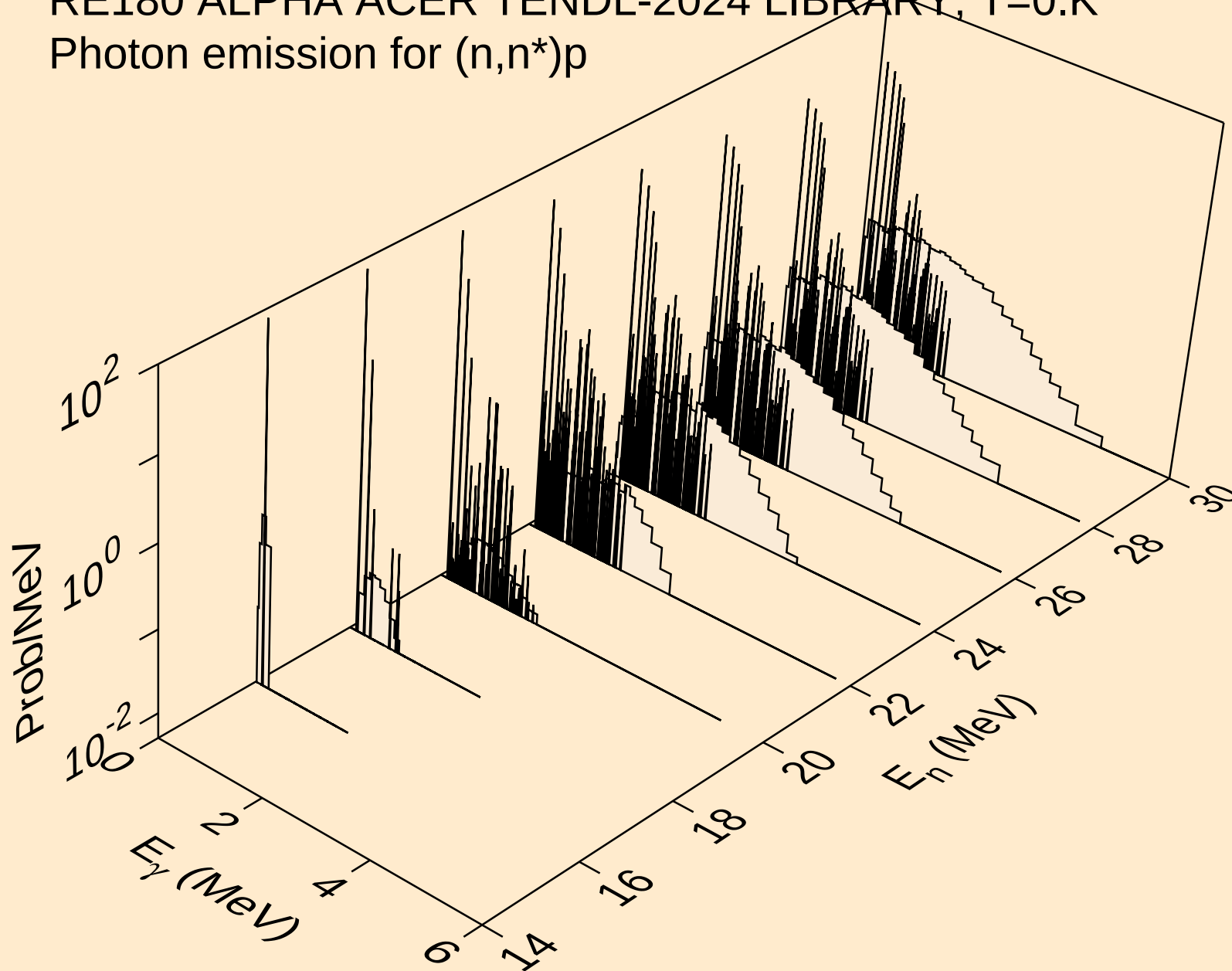


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

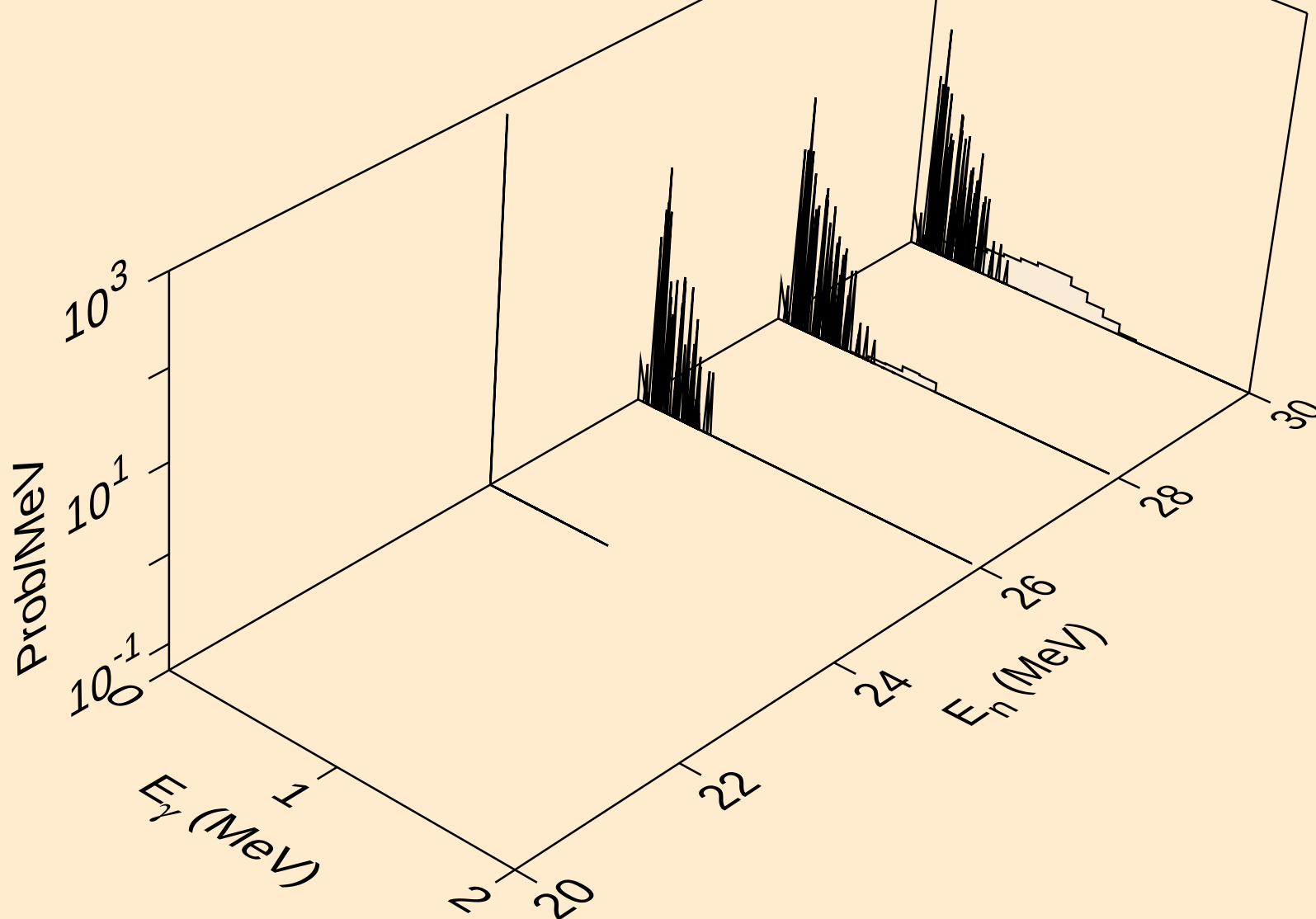
Photon emission for (n,2n) $\alpha$



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

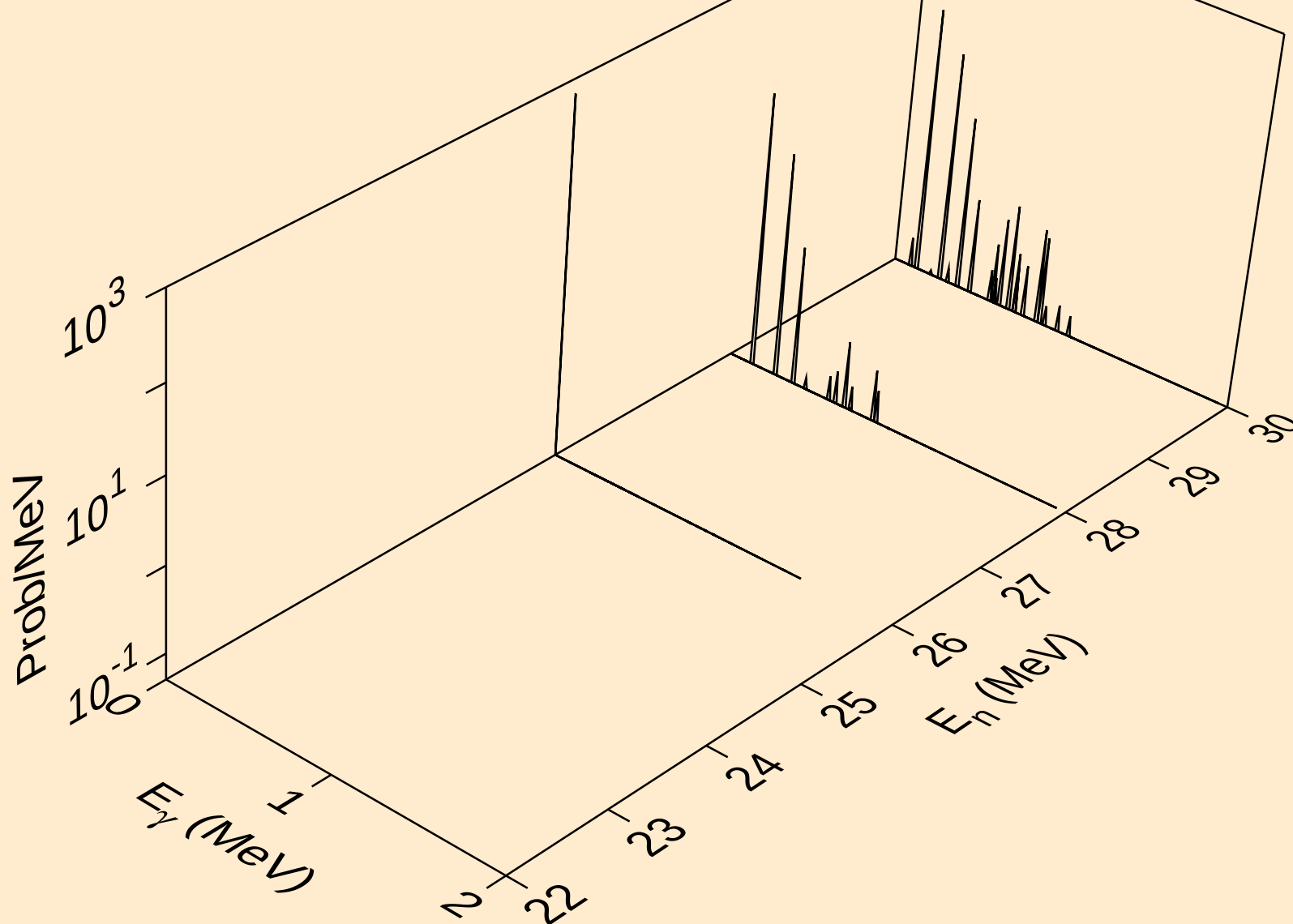


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

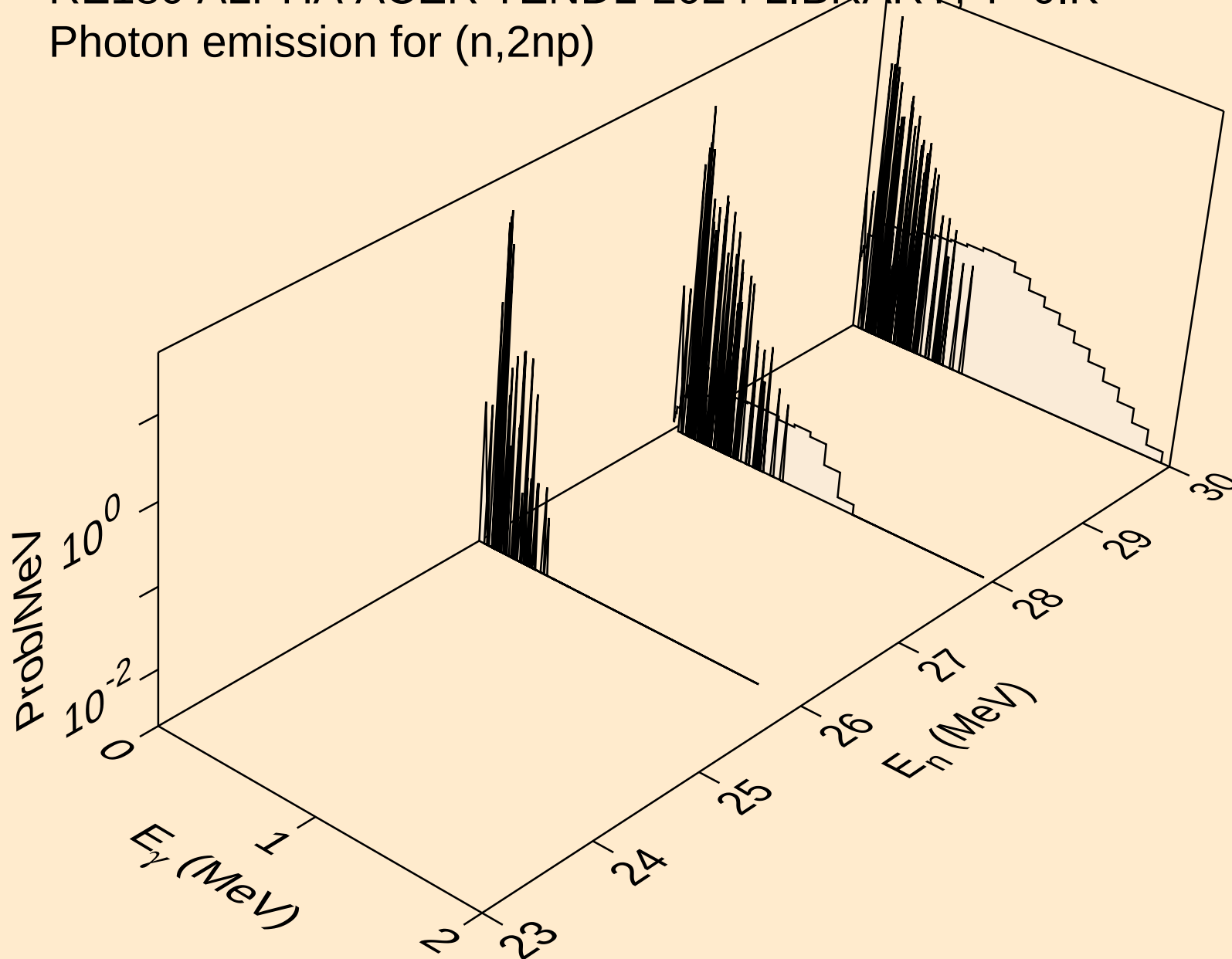


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

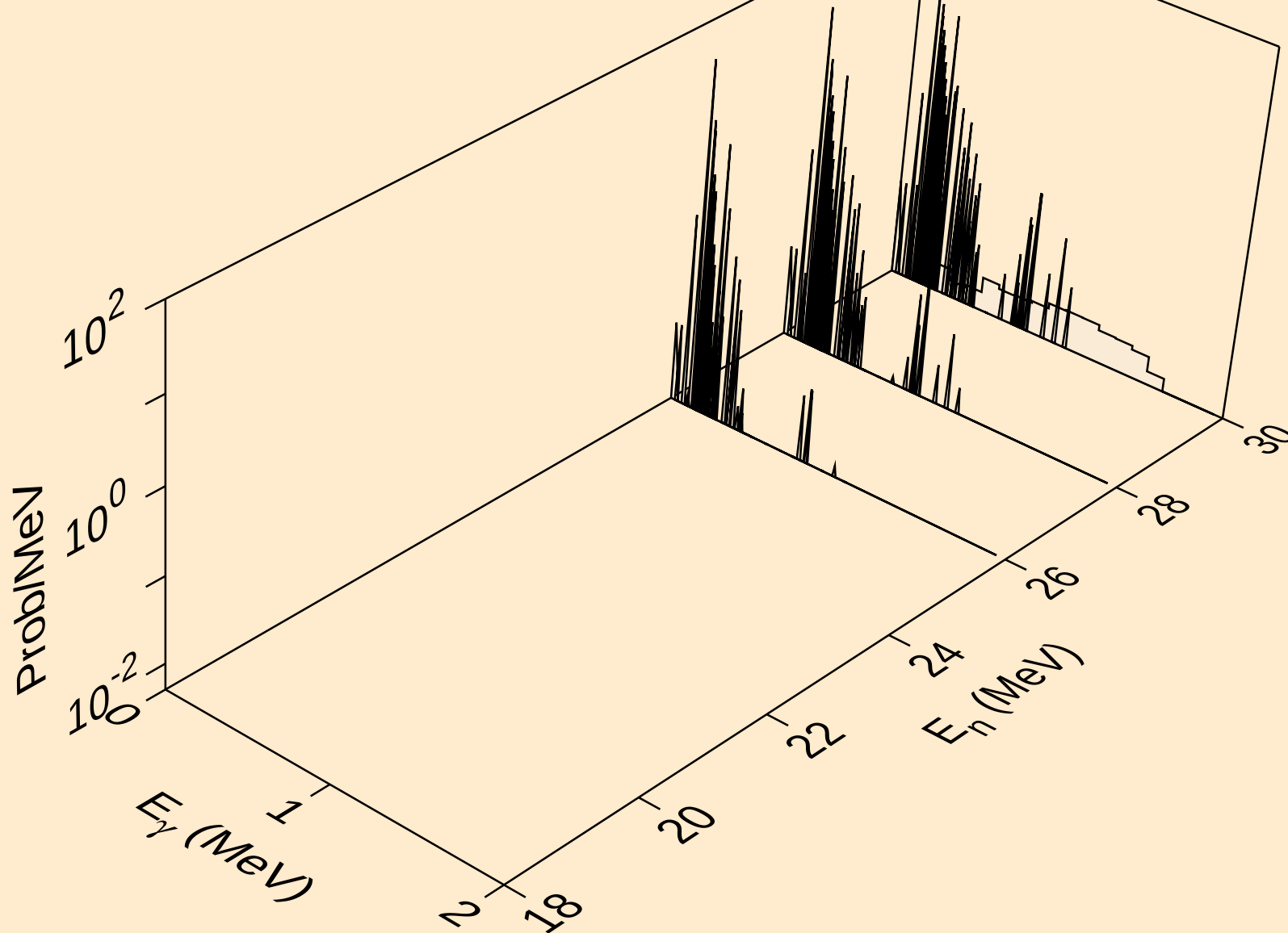
Photon emission for (n,n\*)t



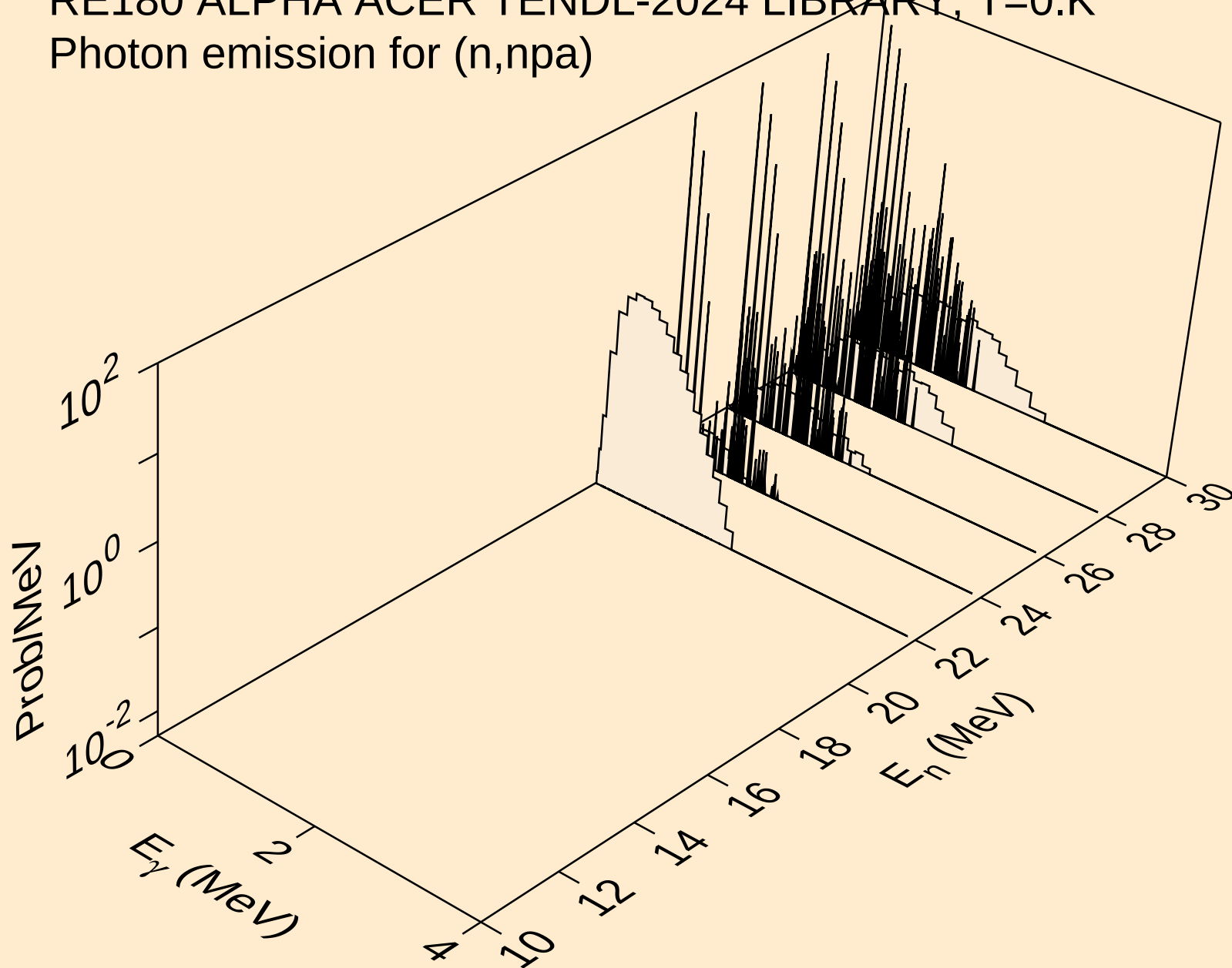
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



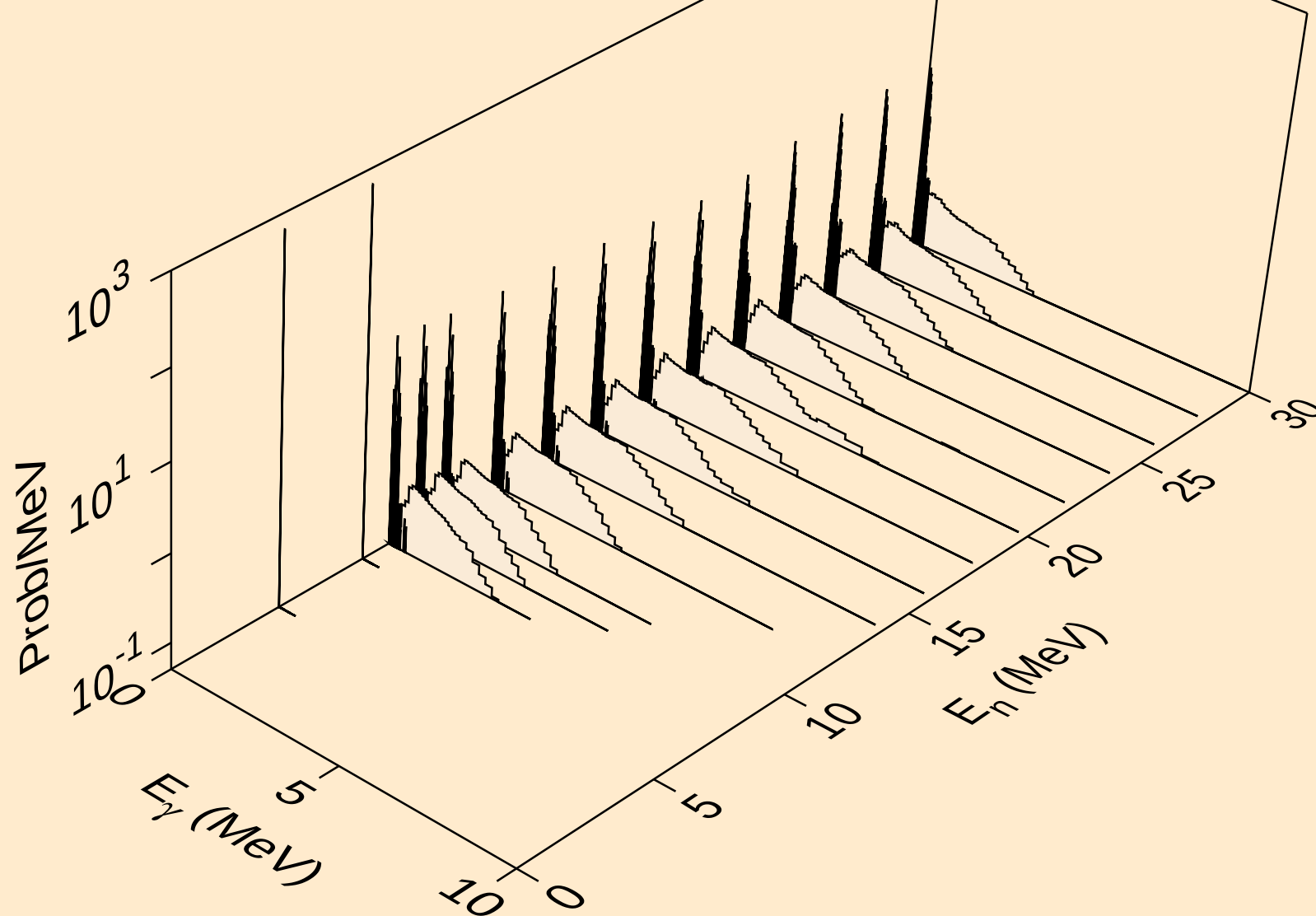
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Photon emission for (n,n2p)



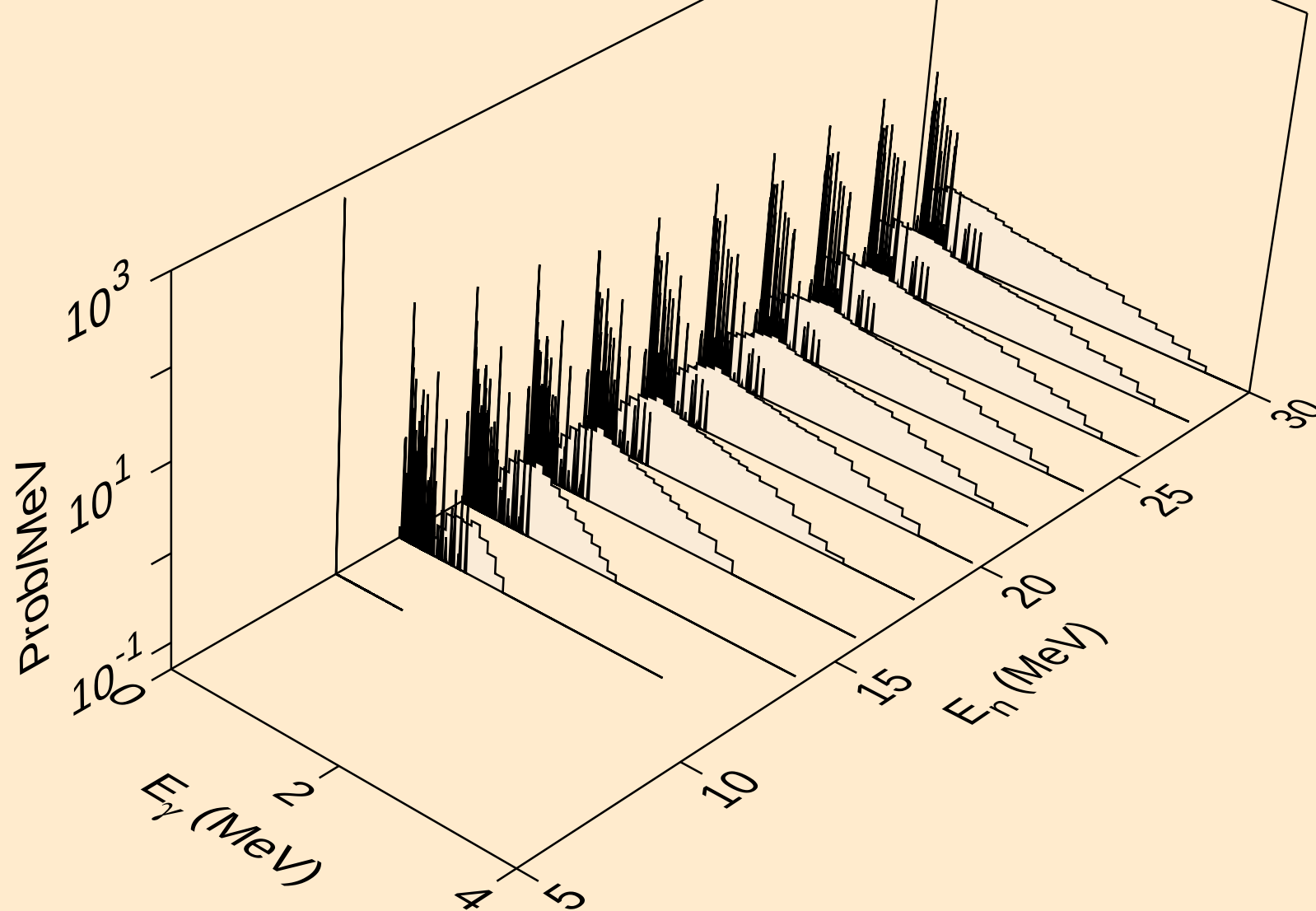
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



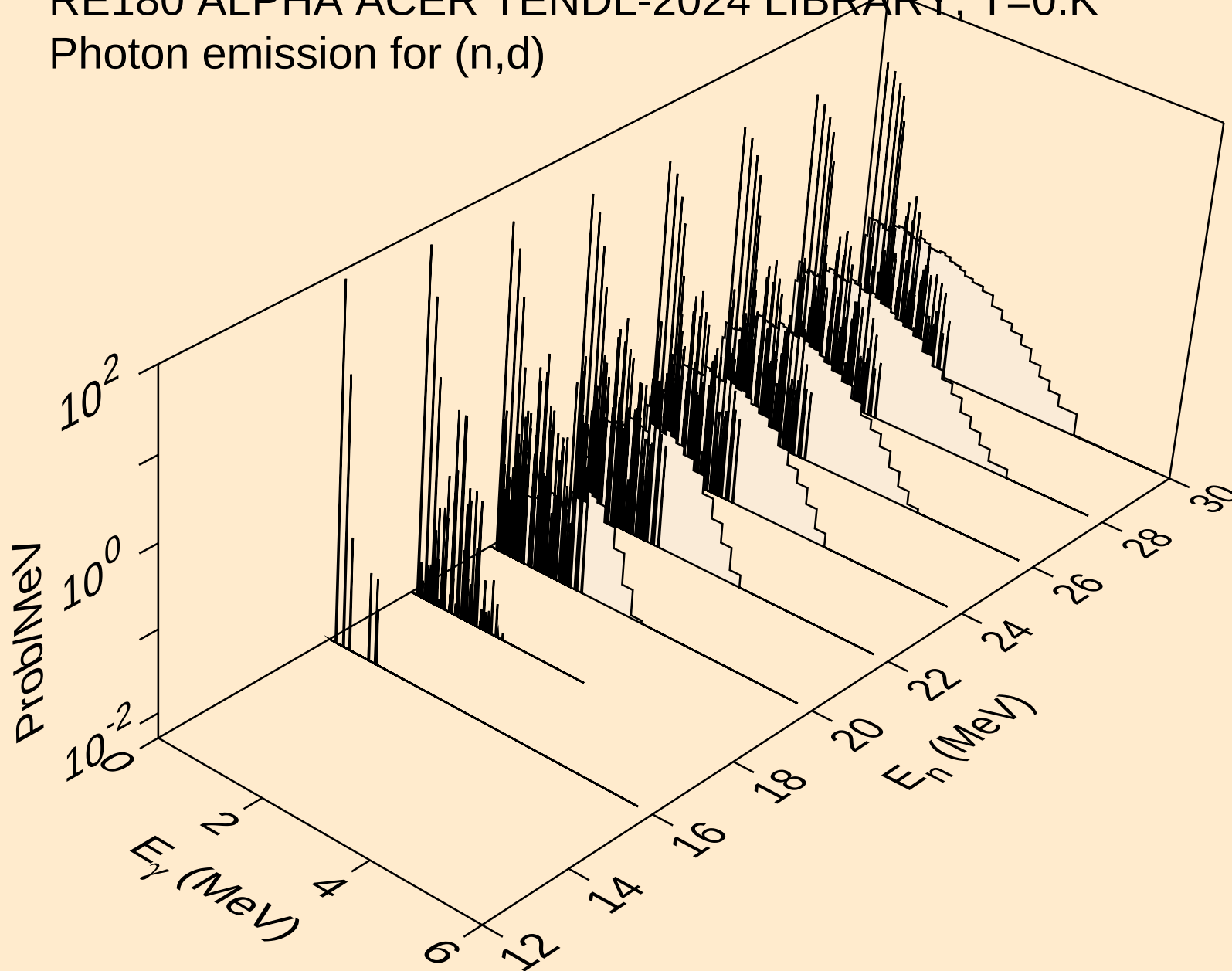
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



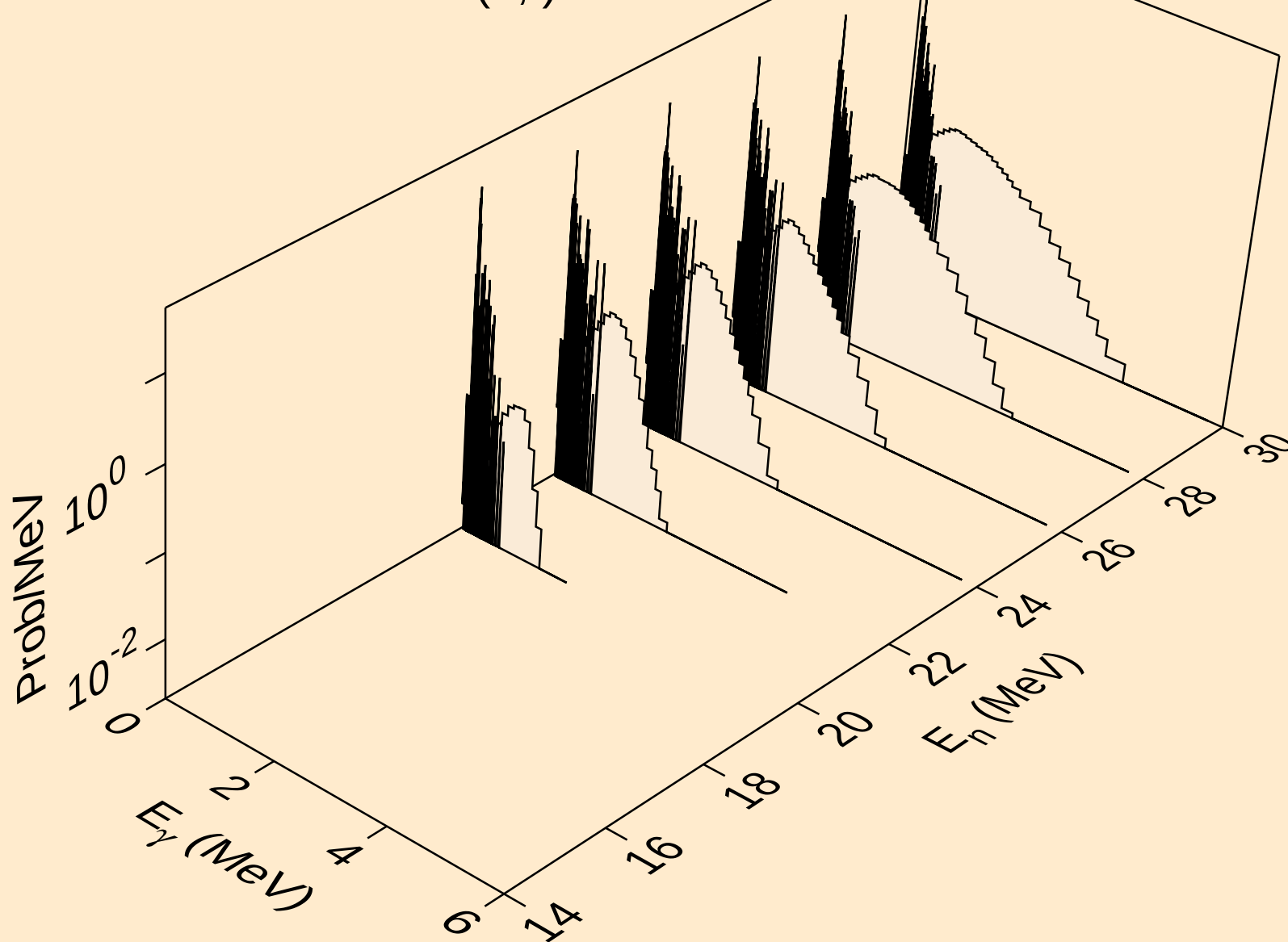
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Photon emission for (n,p)



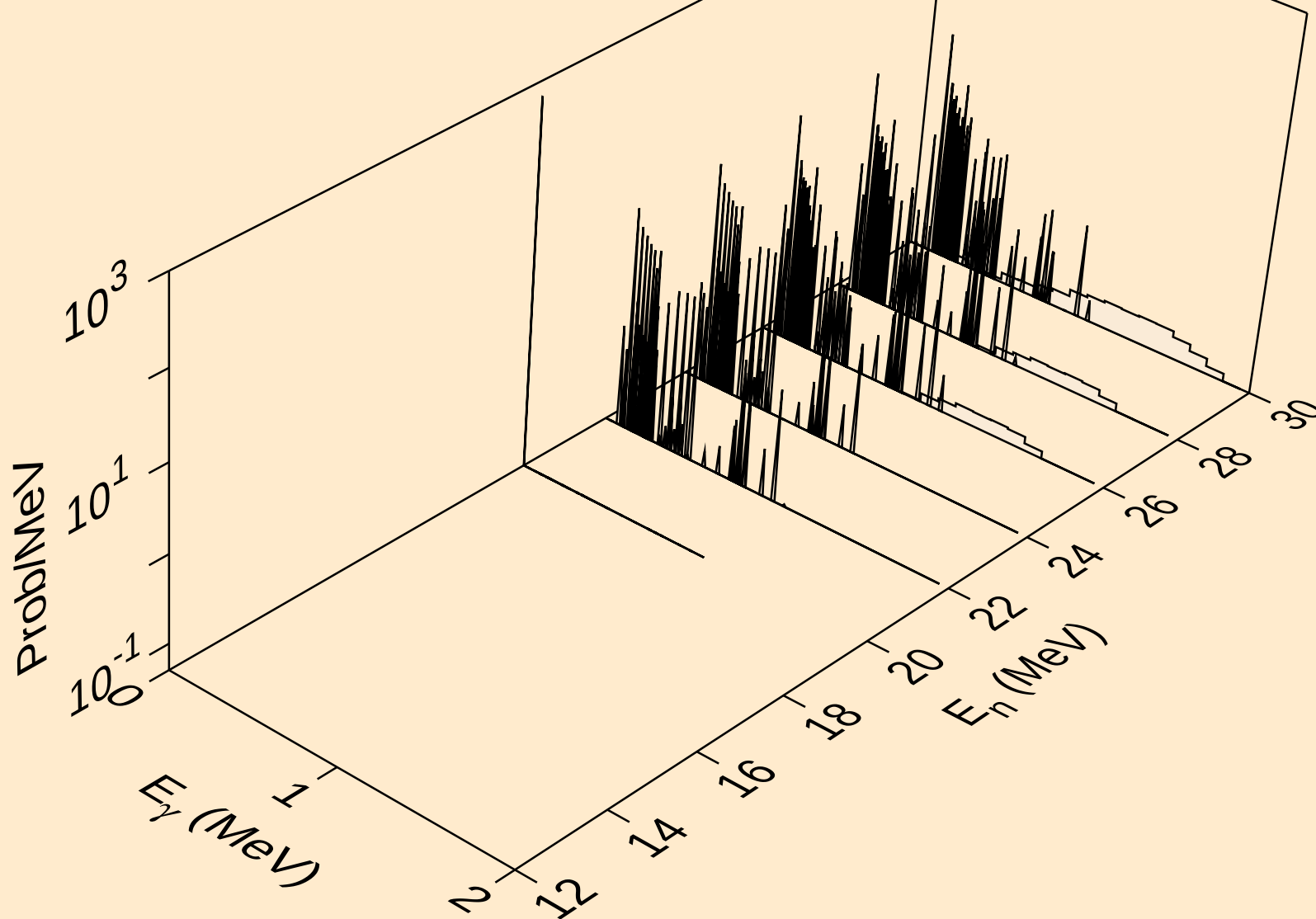
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



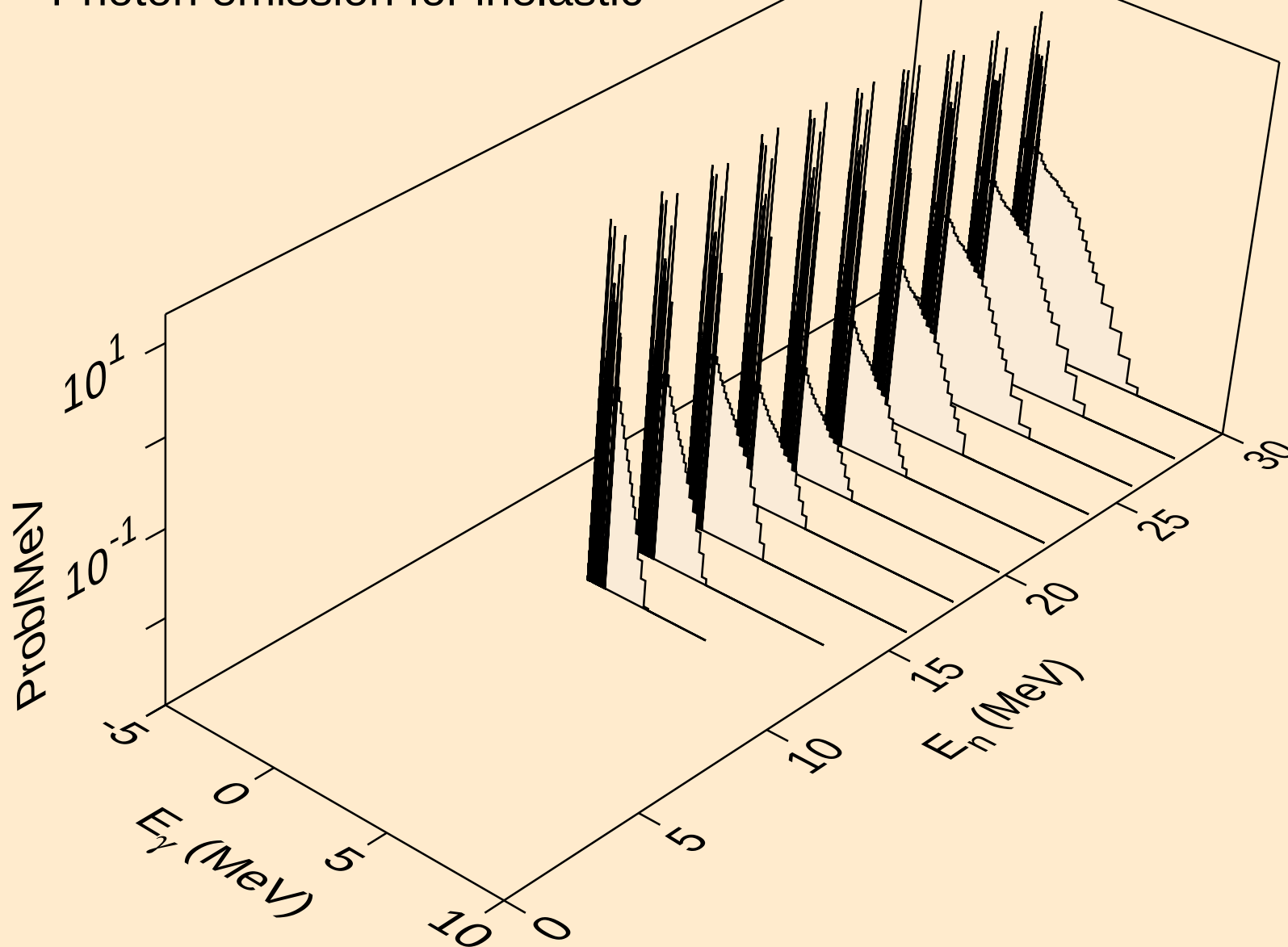
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



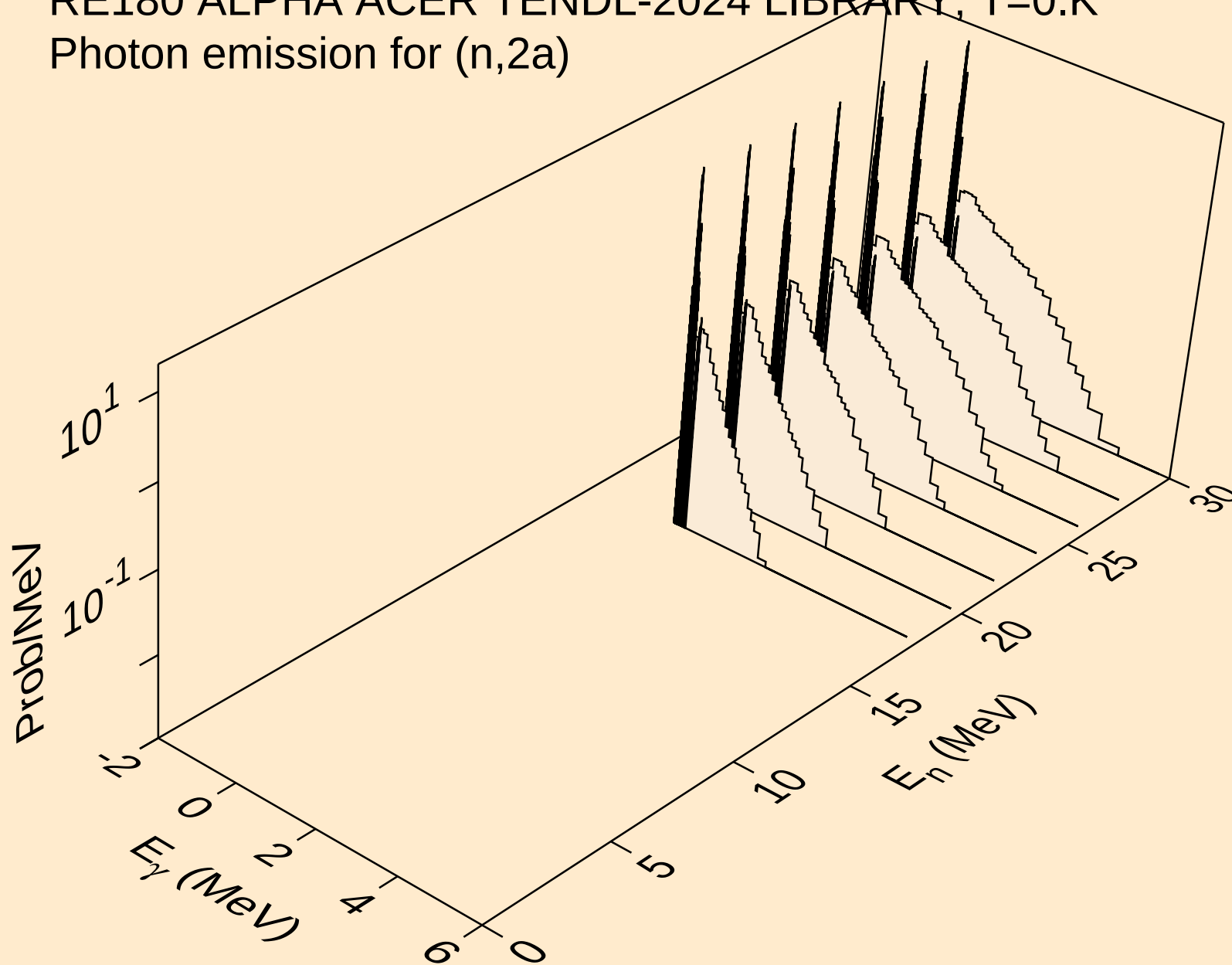
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Photon emission for (n,he3)



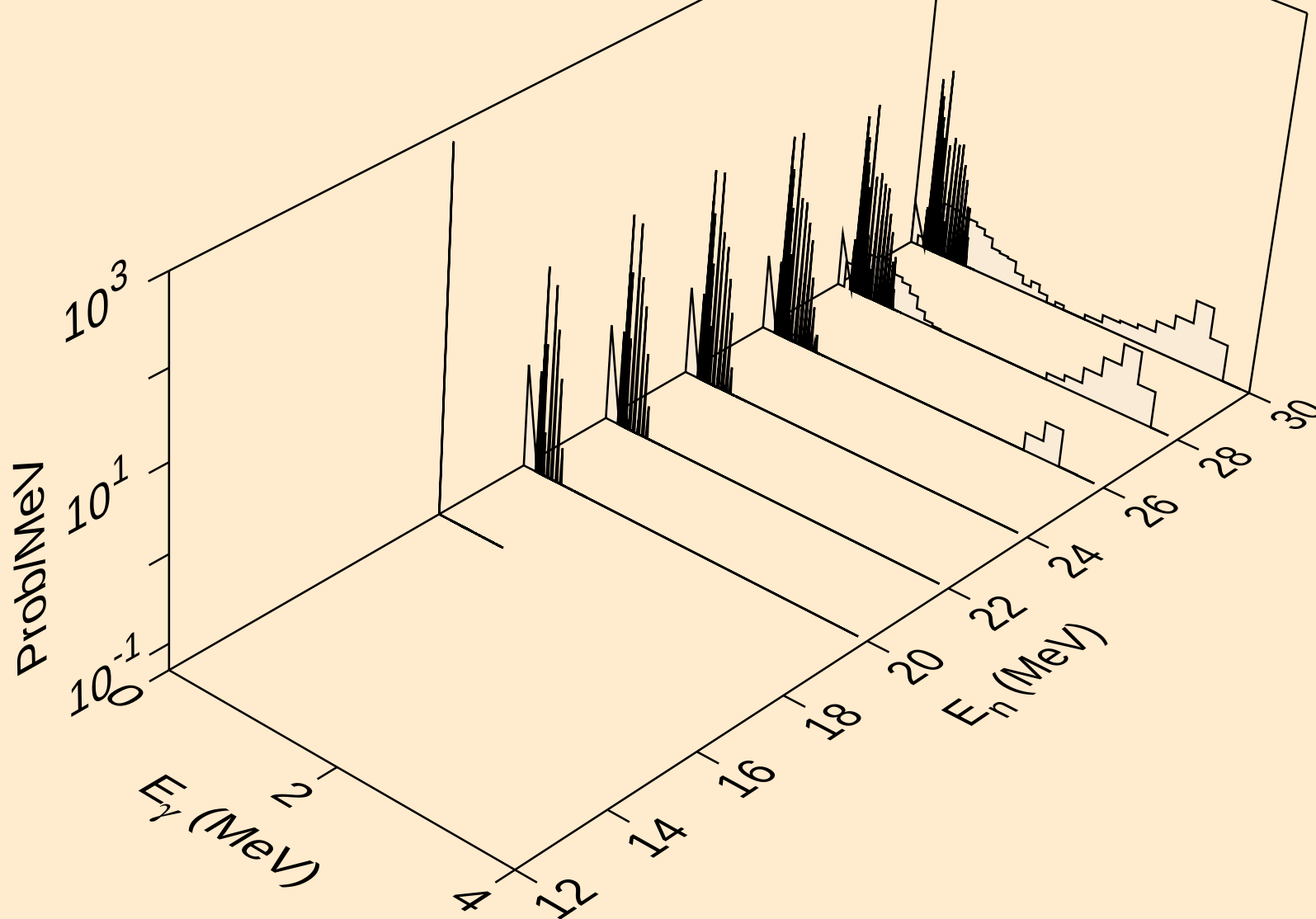
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



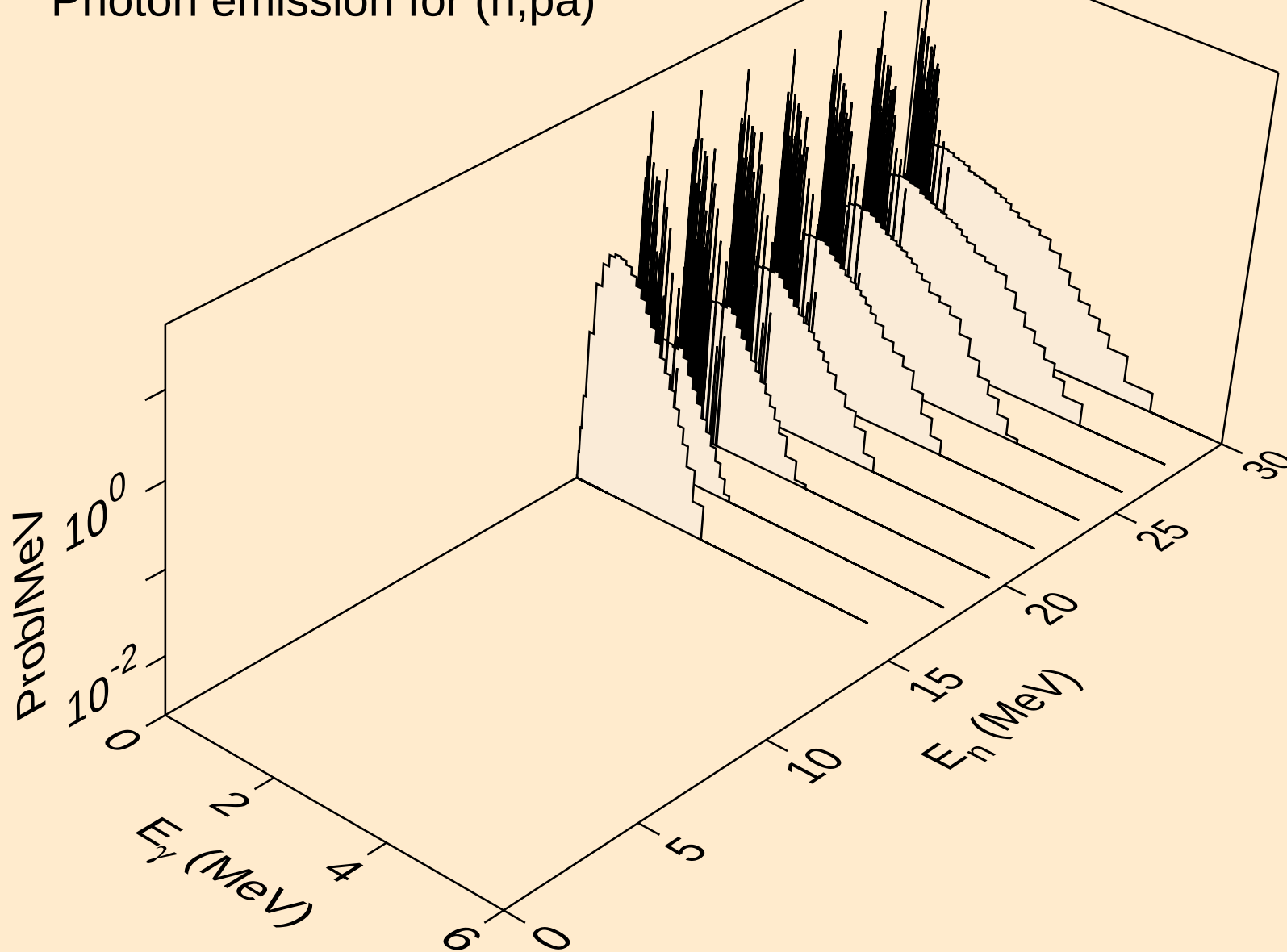
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

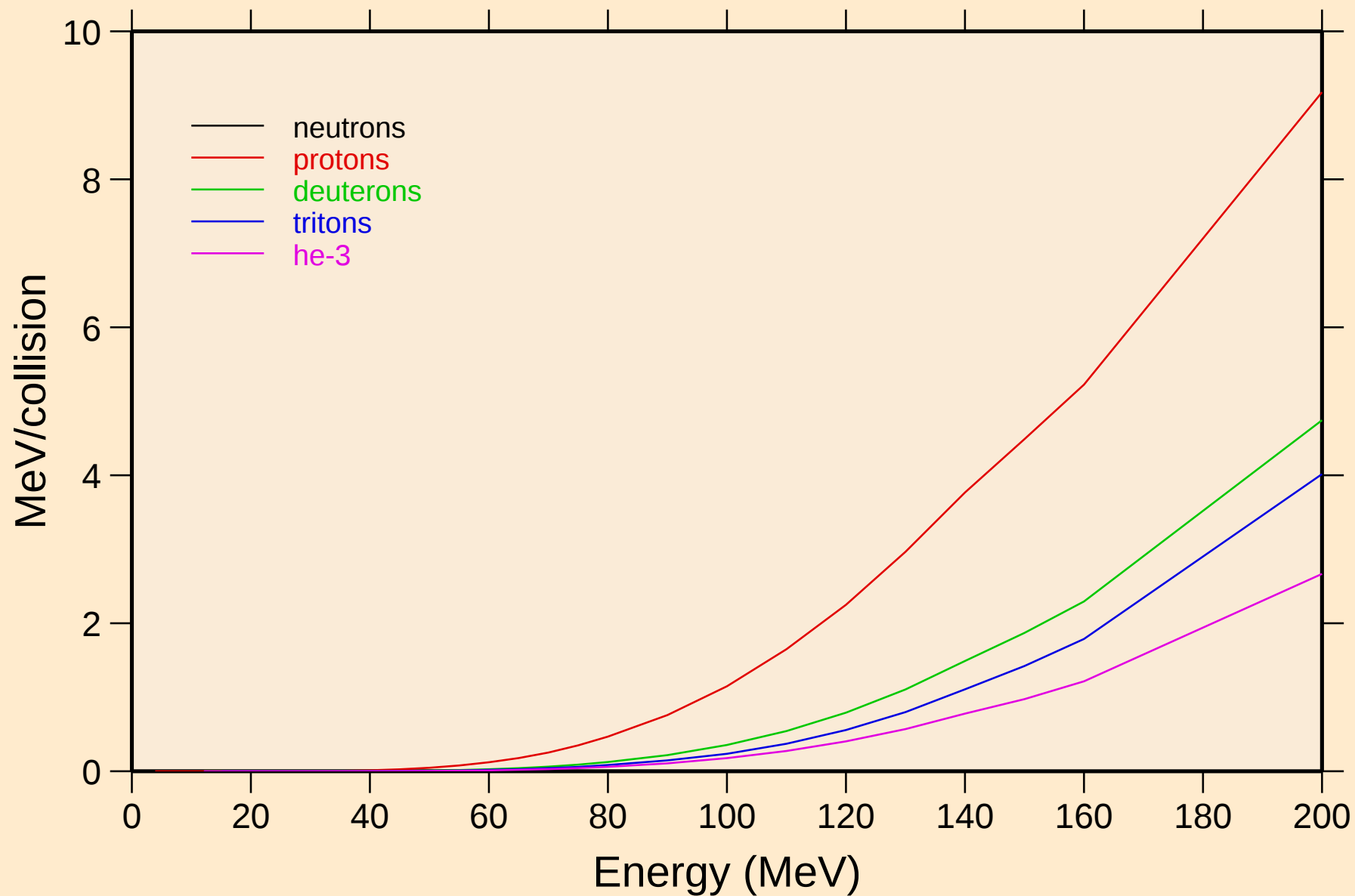


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



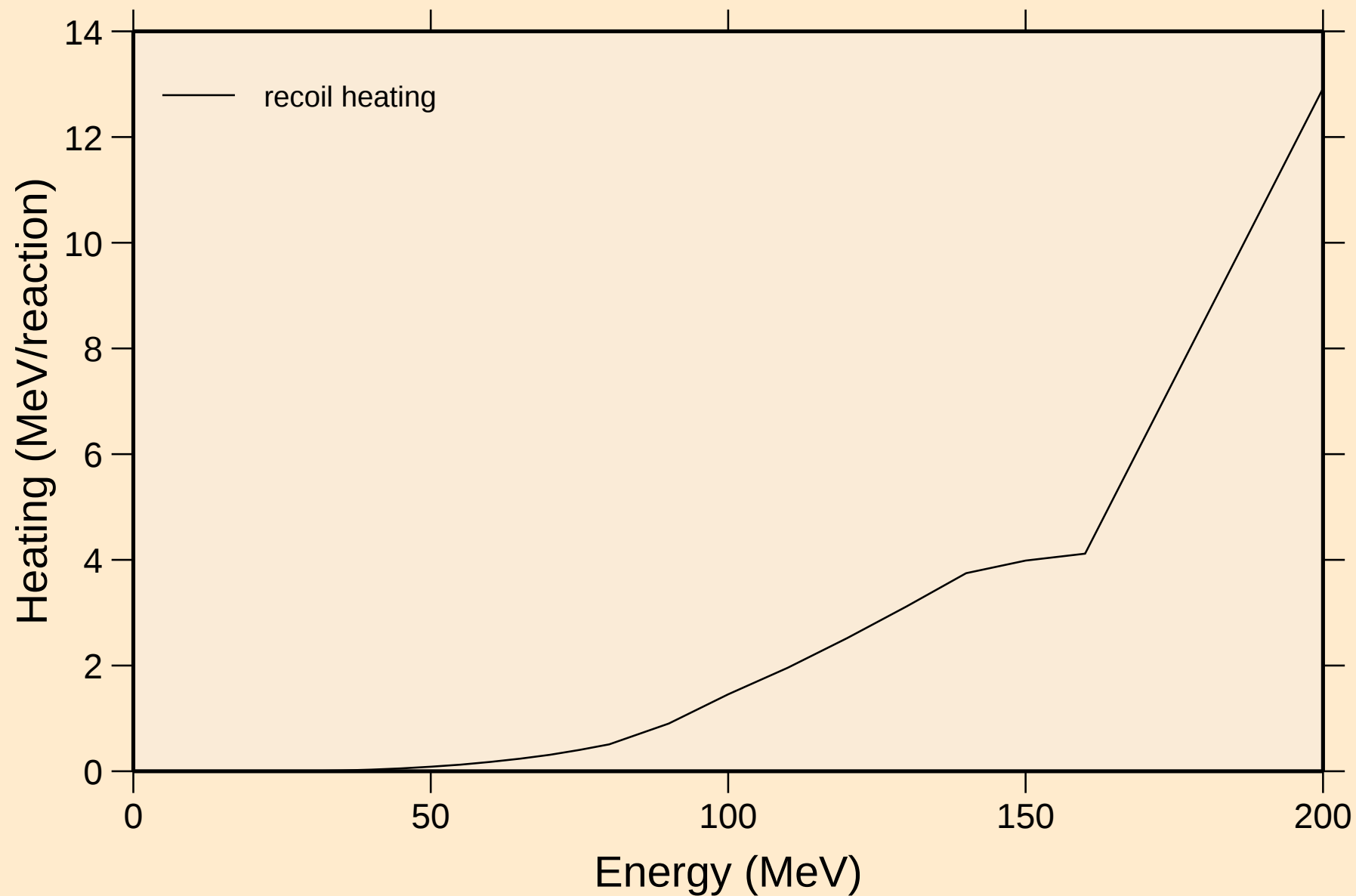
# RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



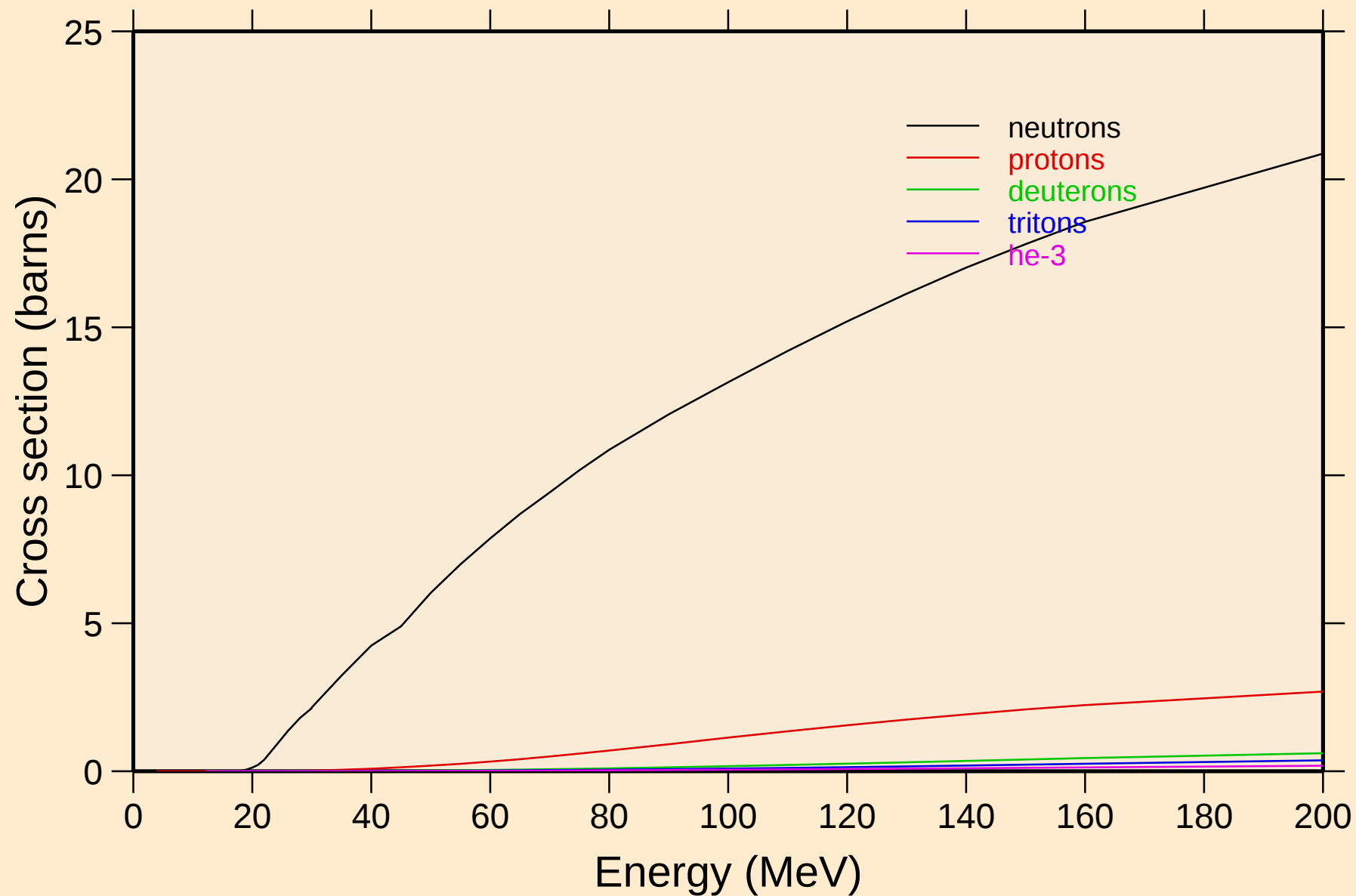
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

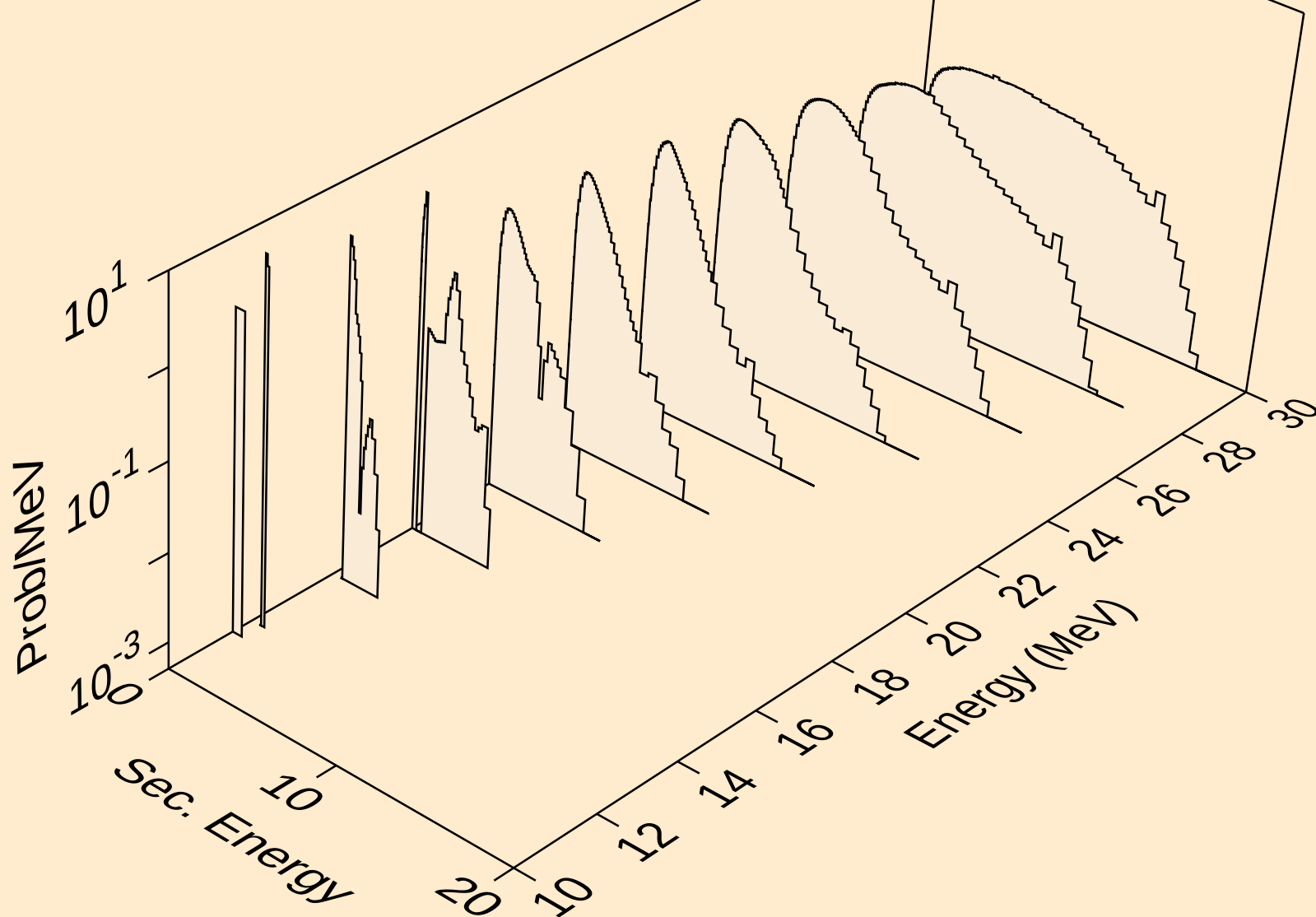


RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

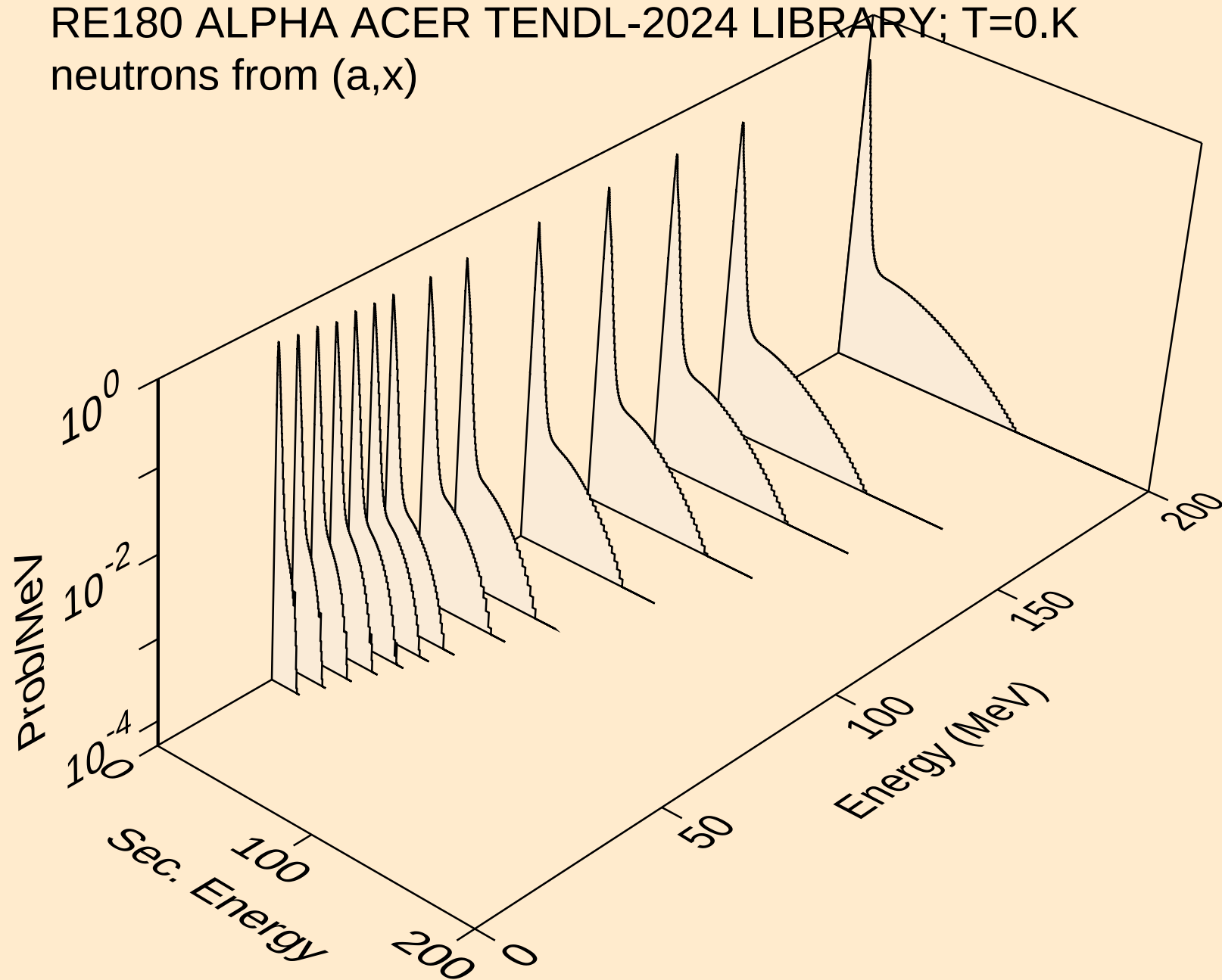
Particle production cross sections



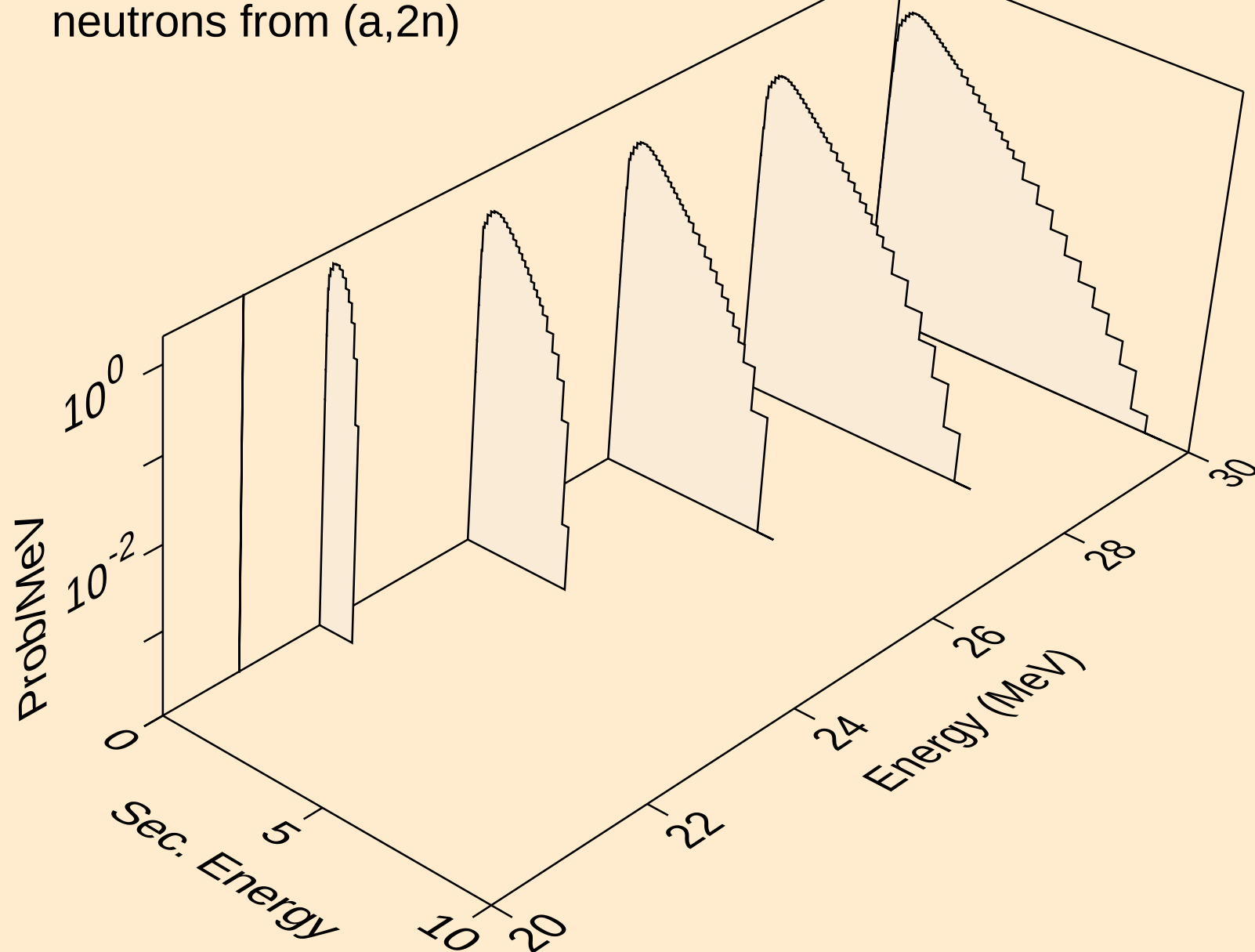
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



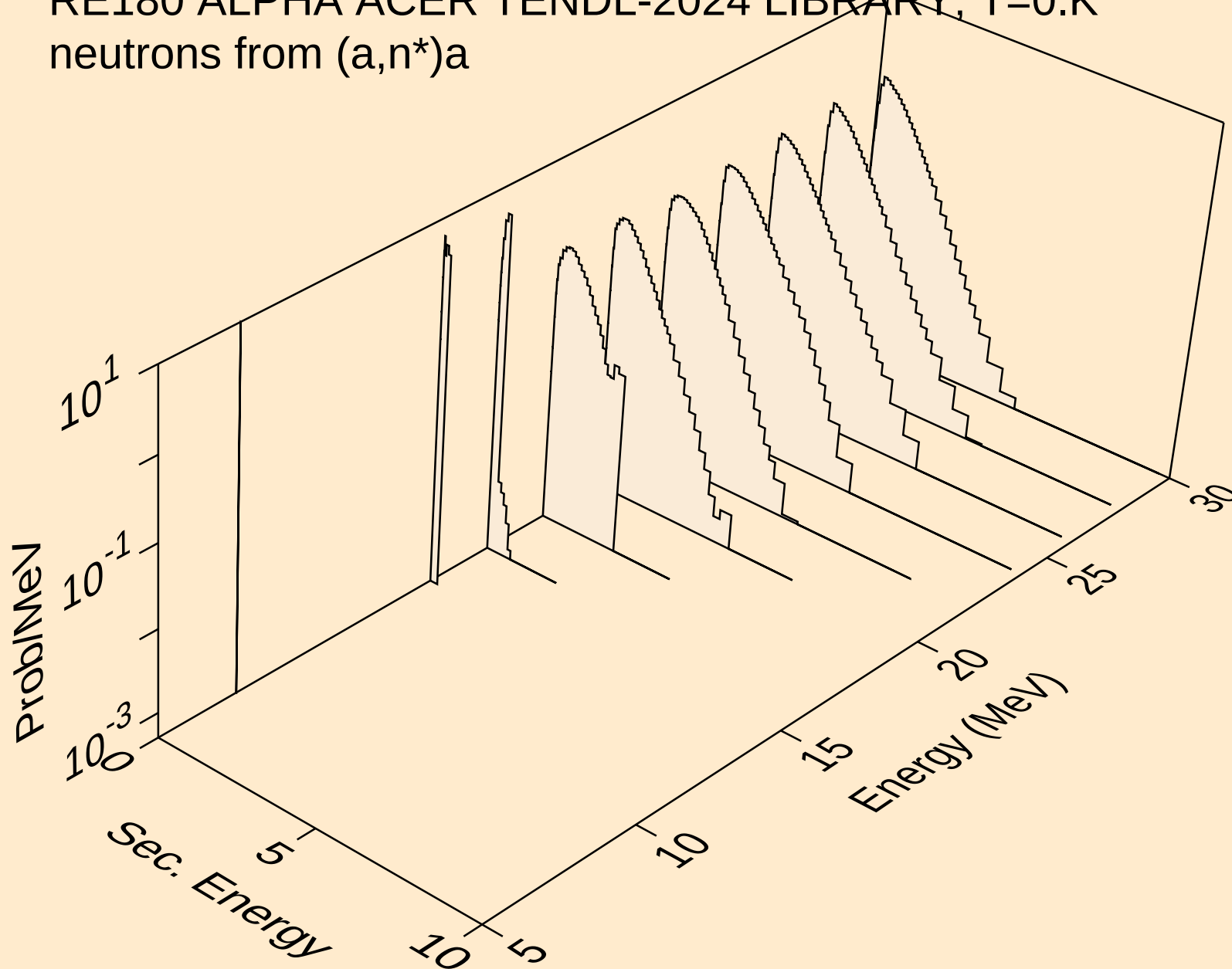
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



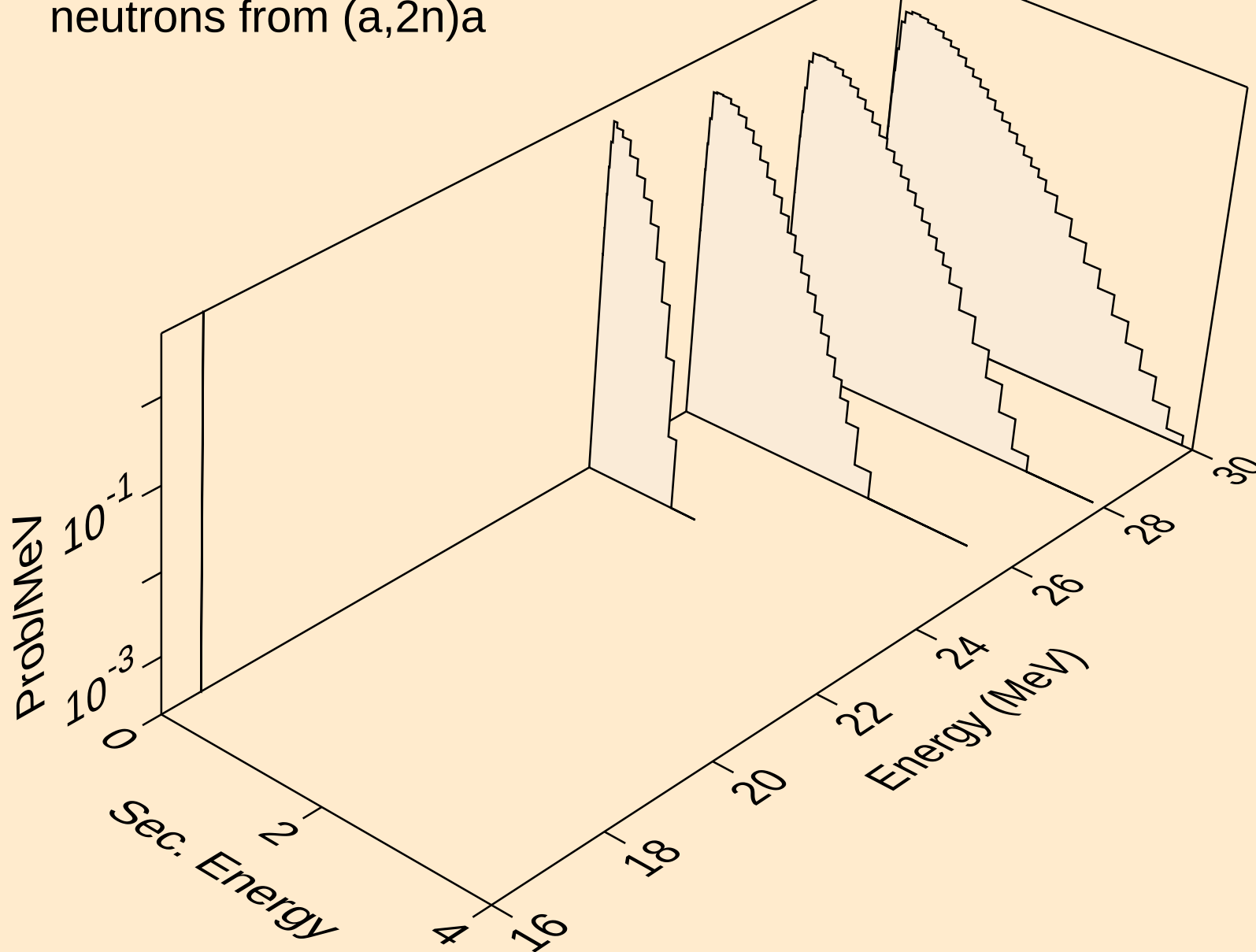
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



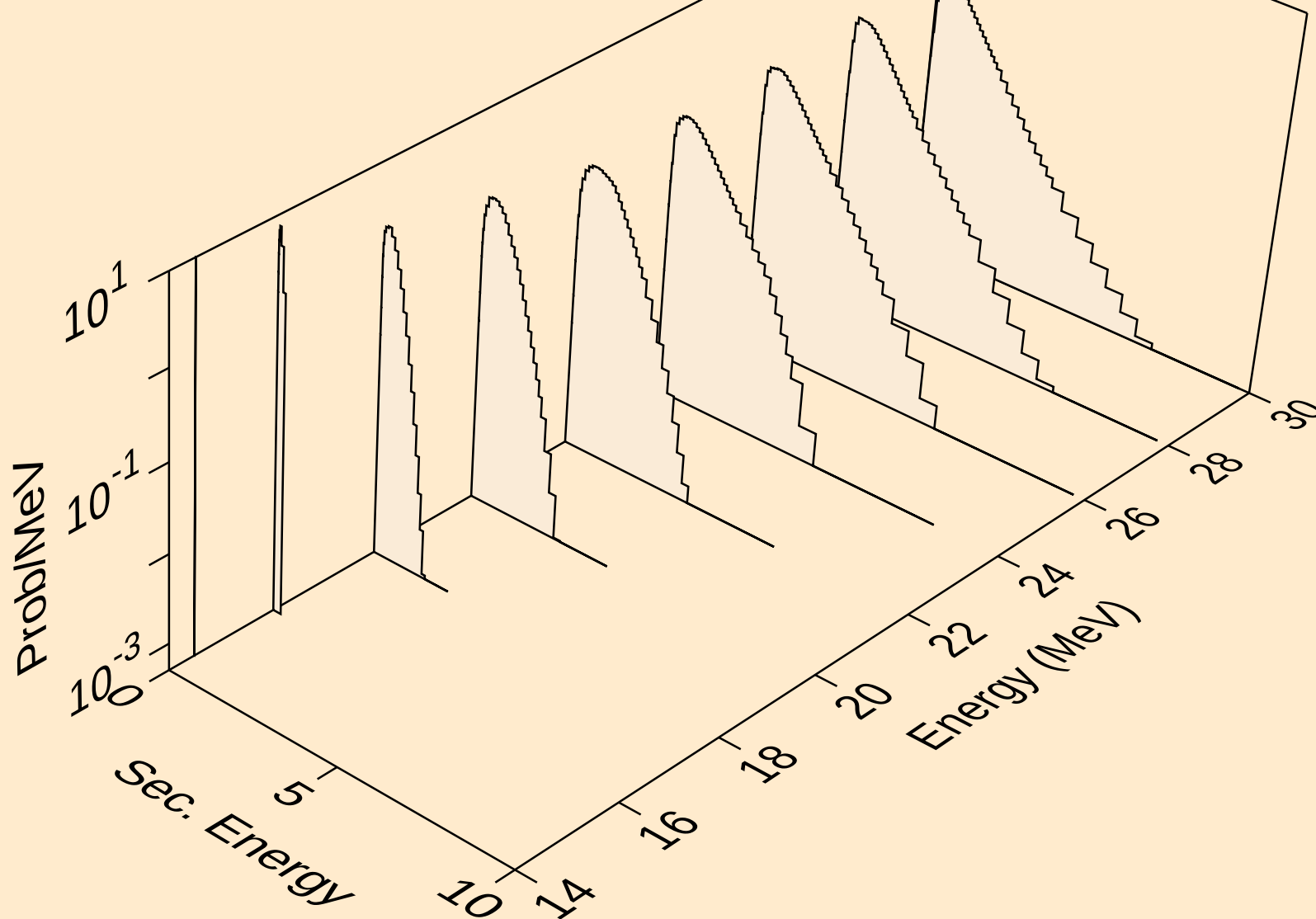
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



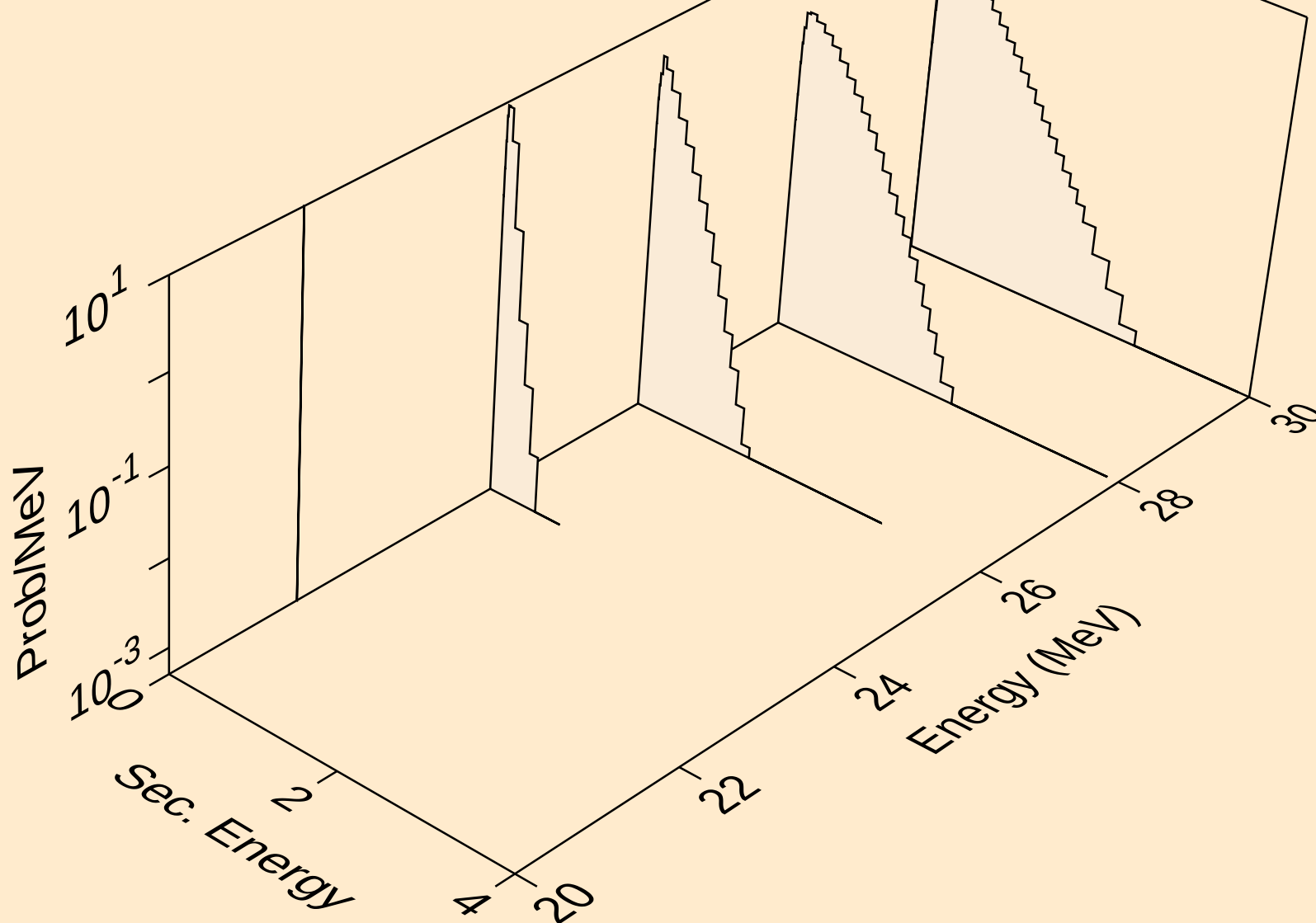
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



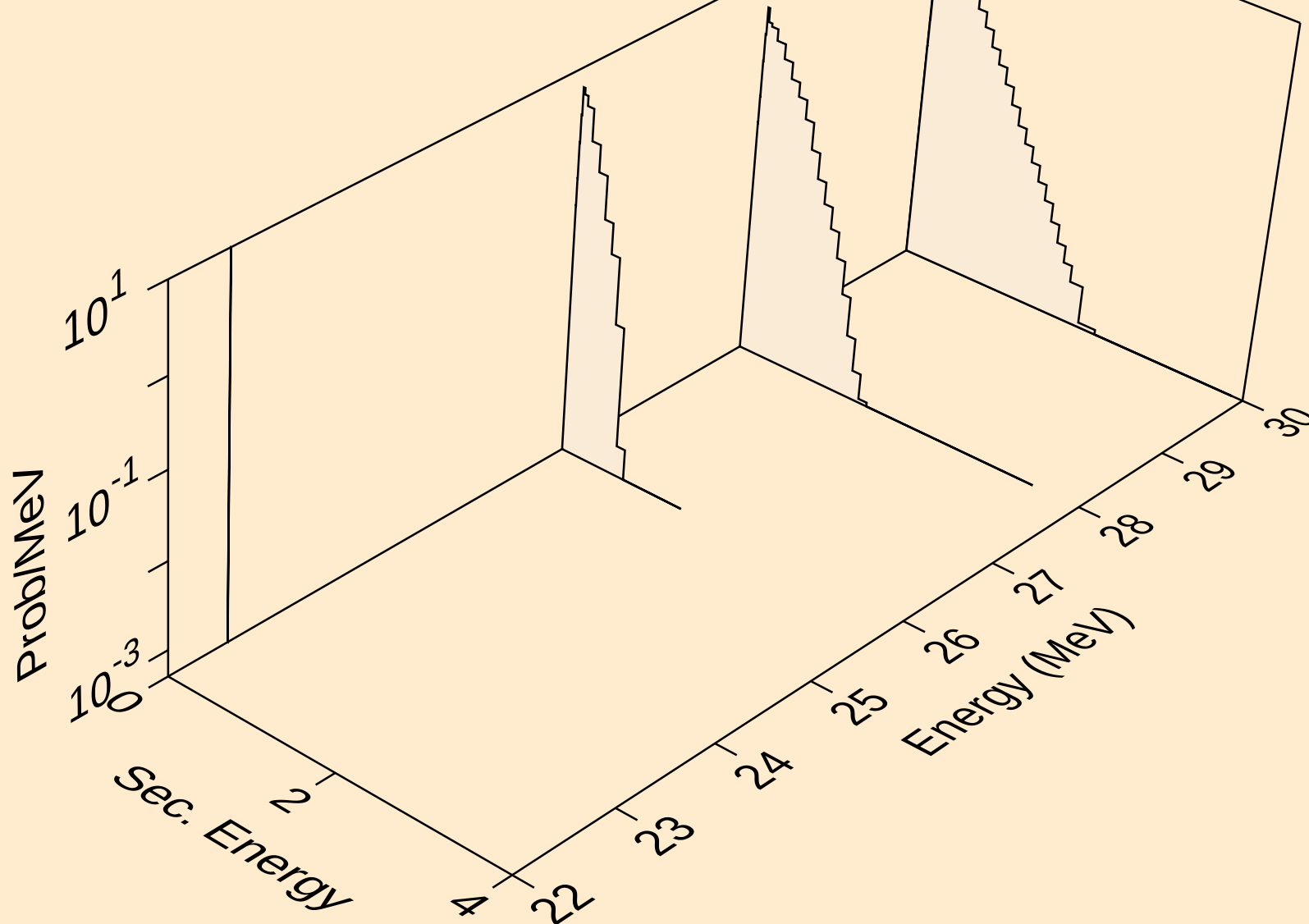
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



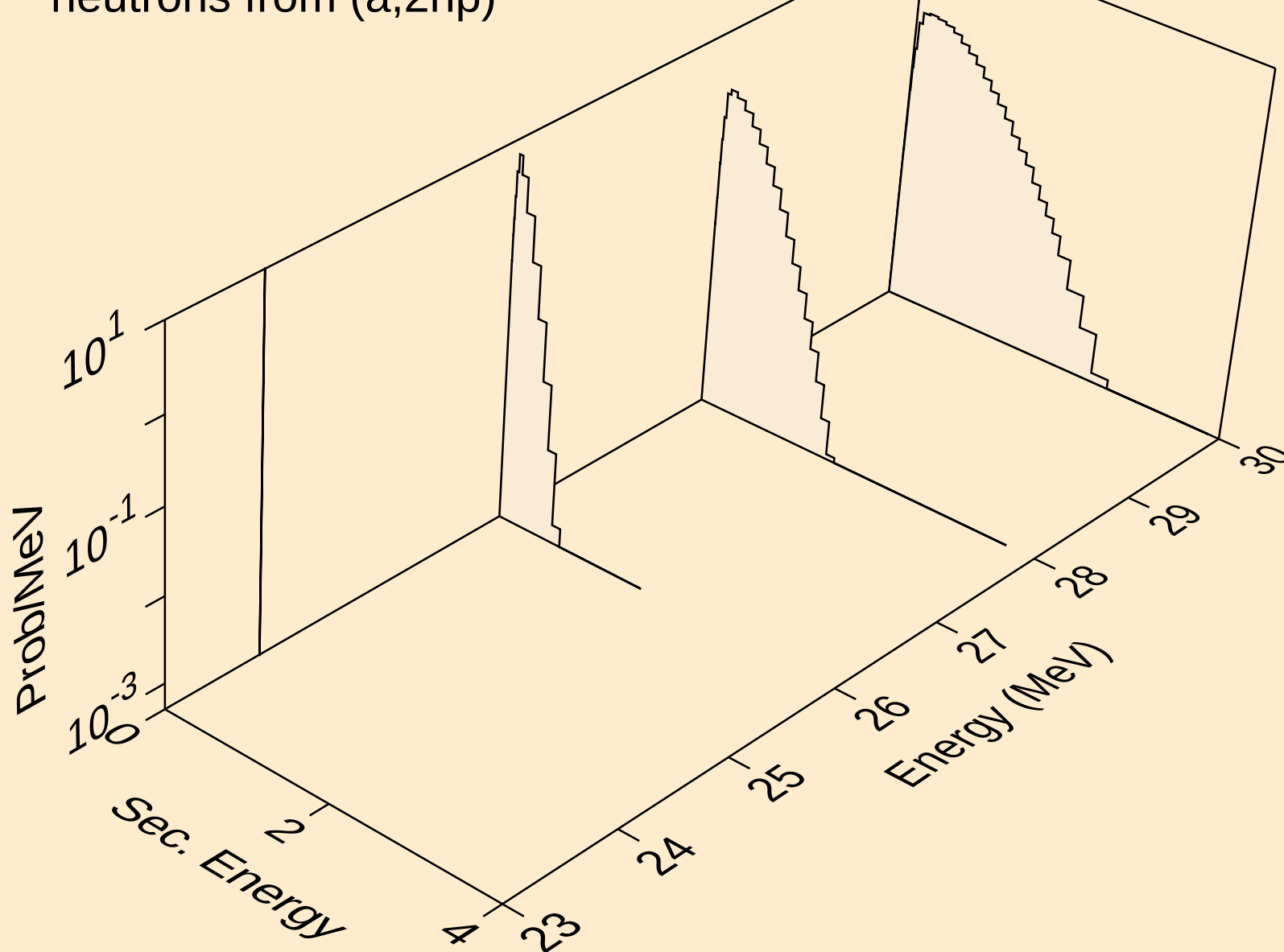
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



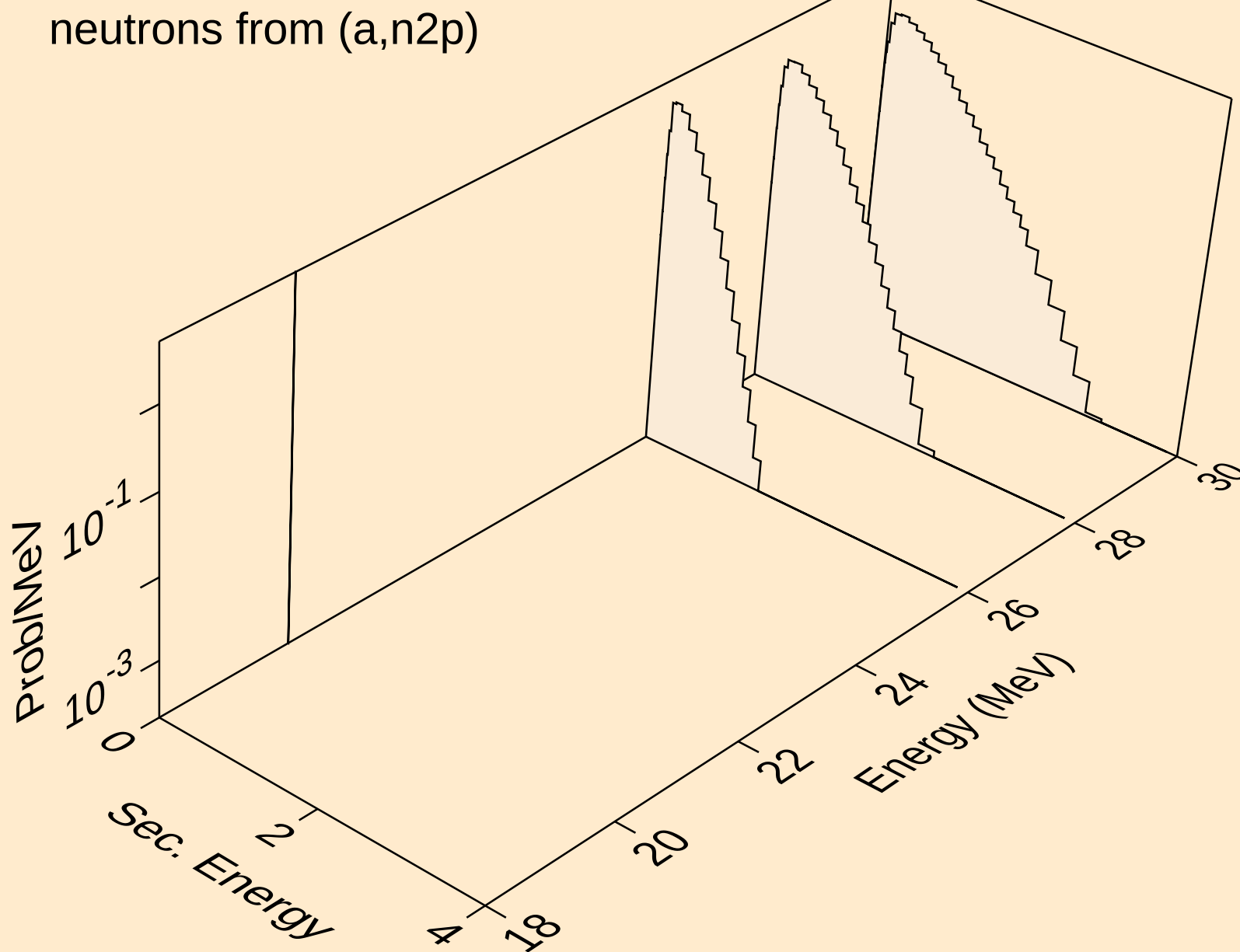
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



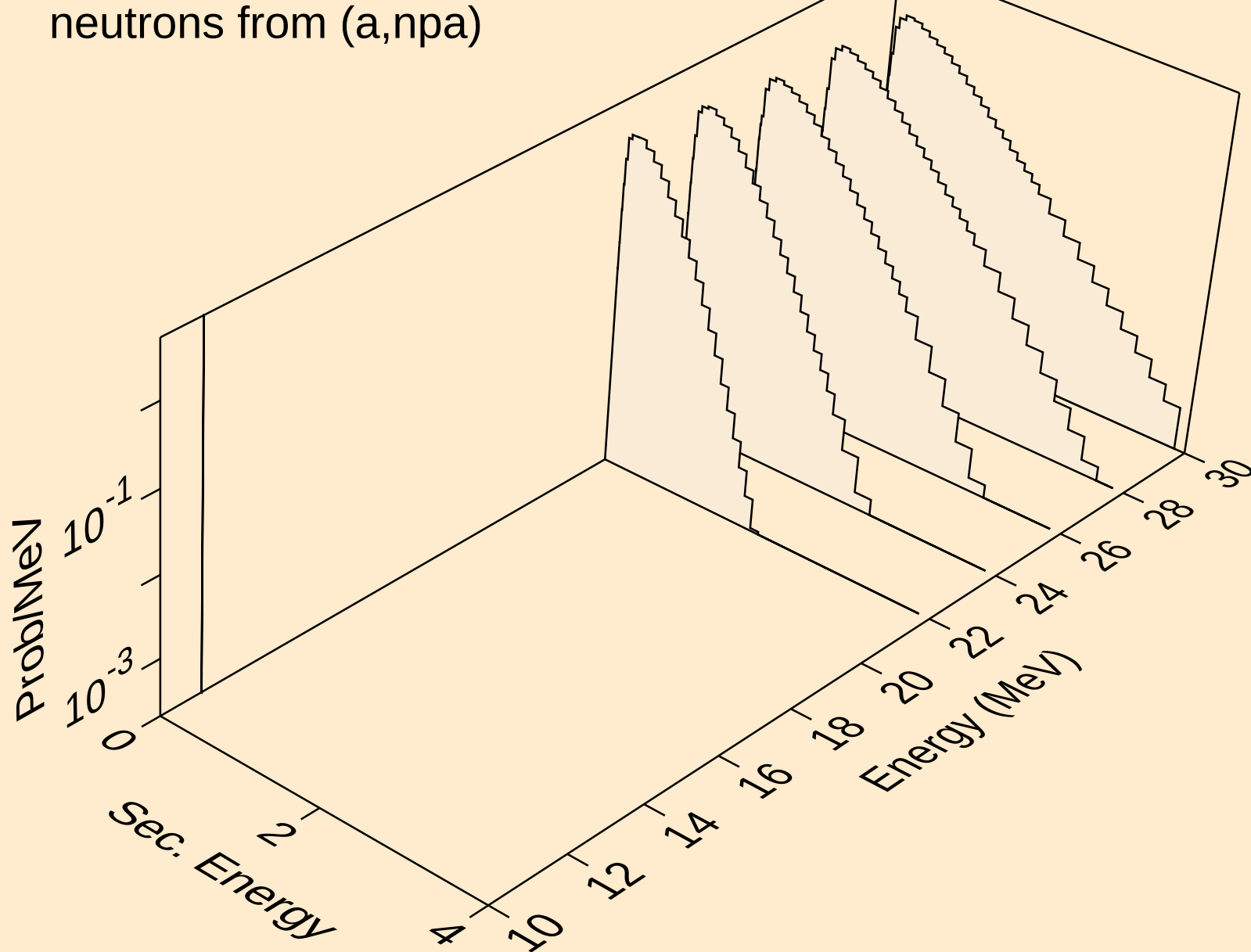
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neutrons from (a,2np)



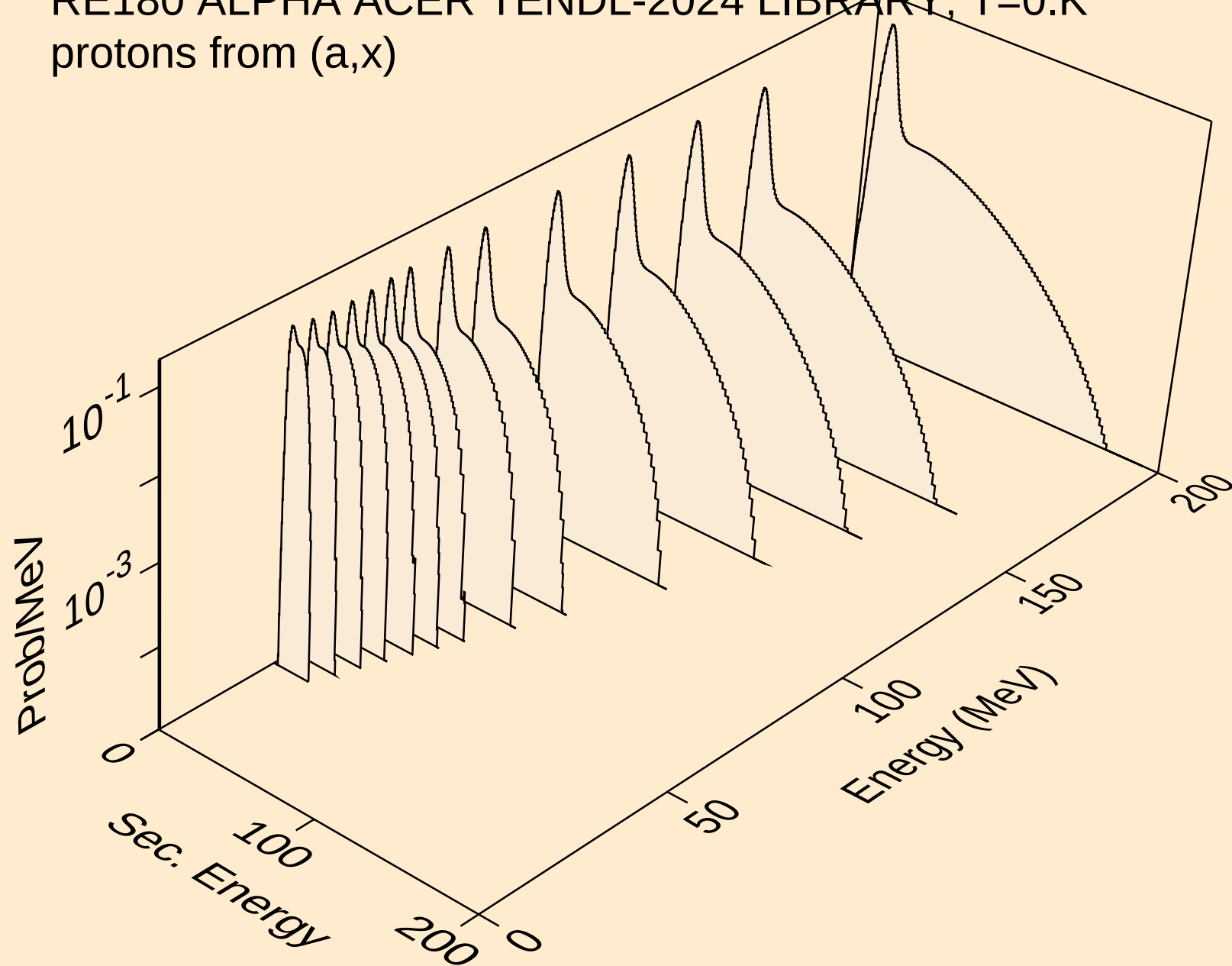
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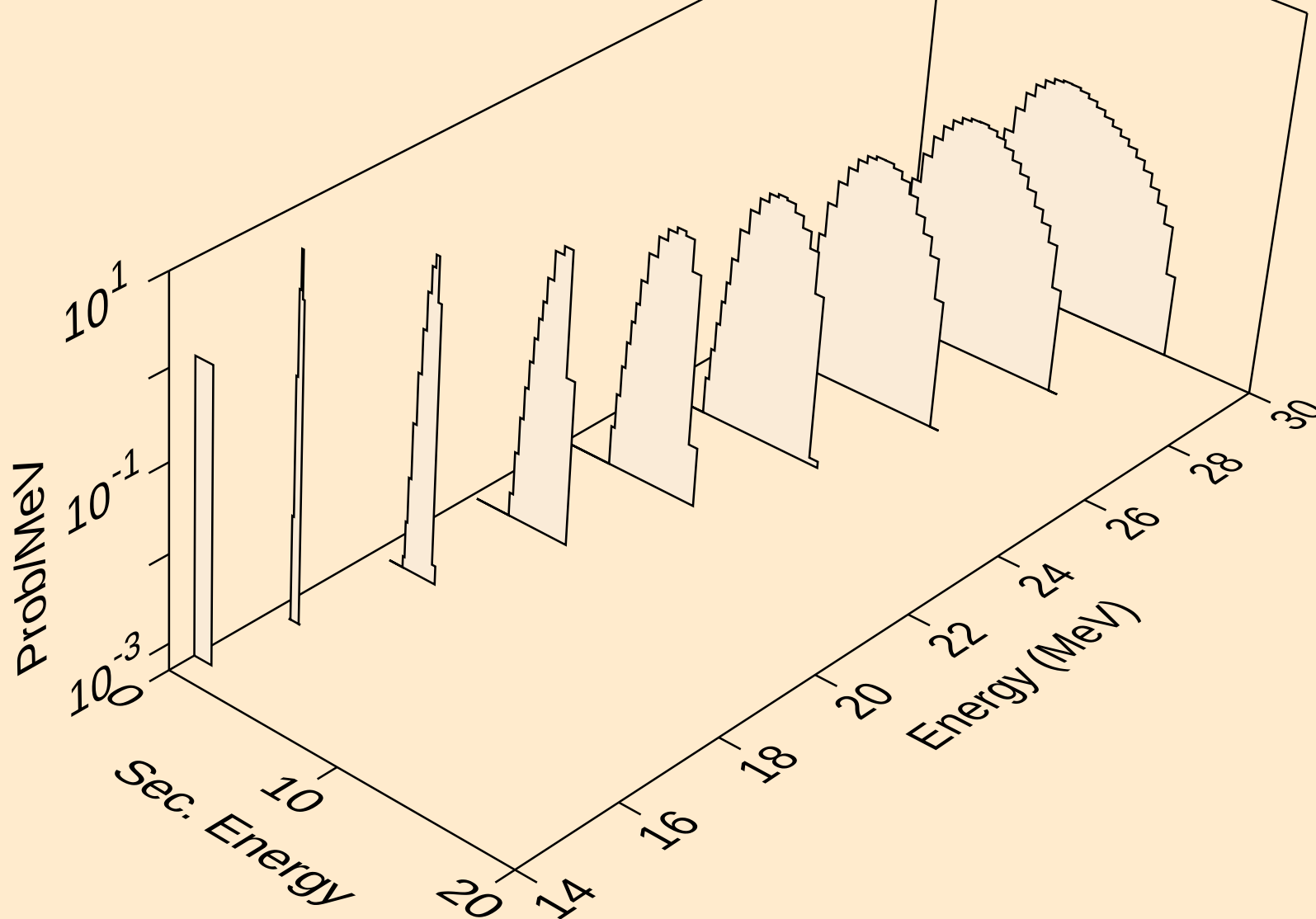
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neutrons from (a,npa)



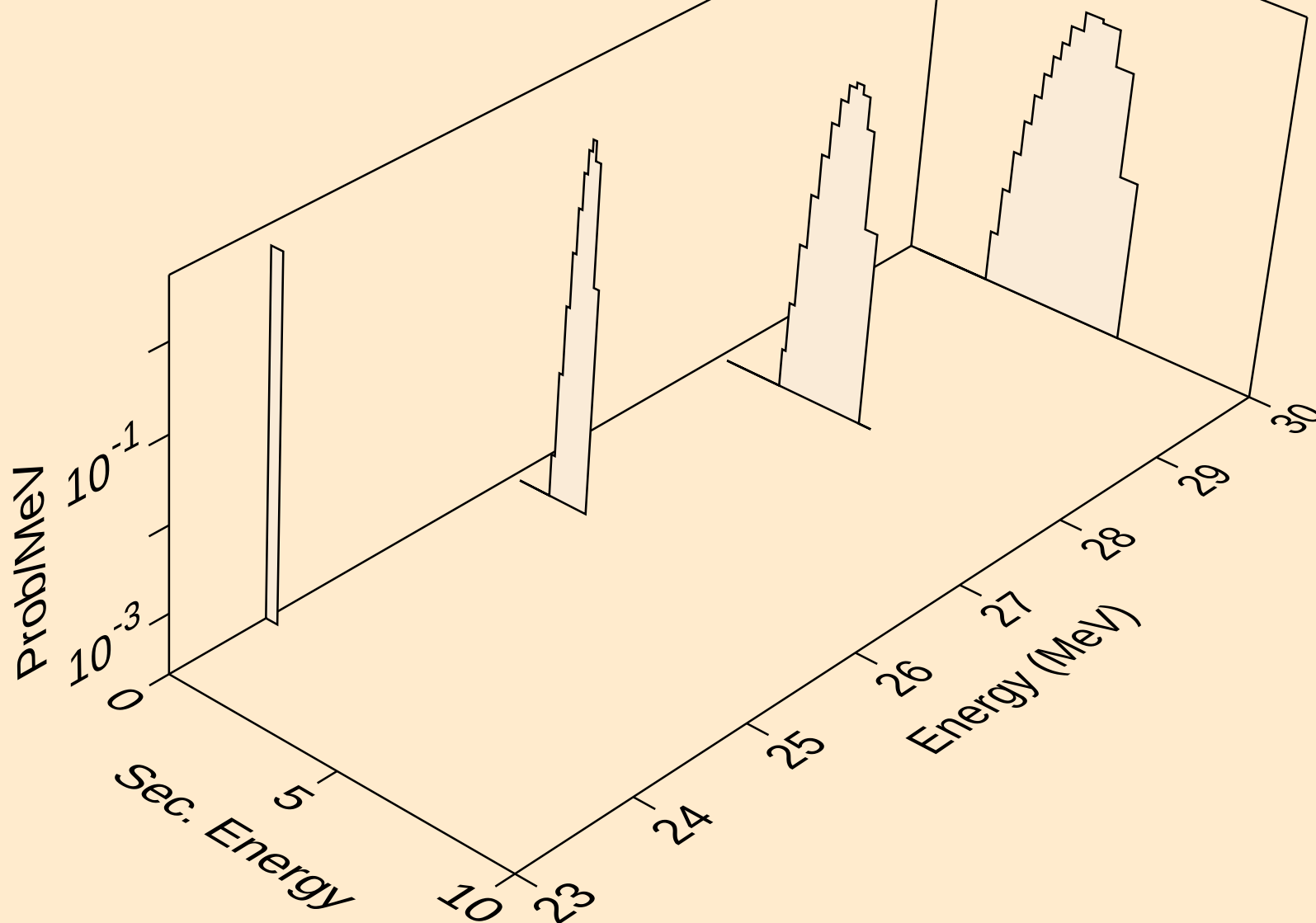
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protons from (a,x)



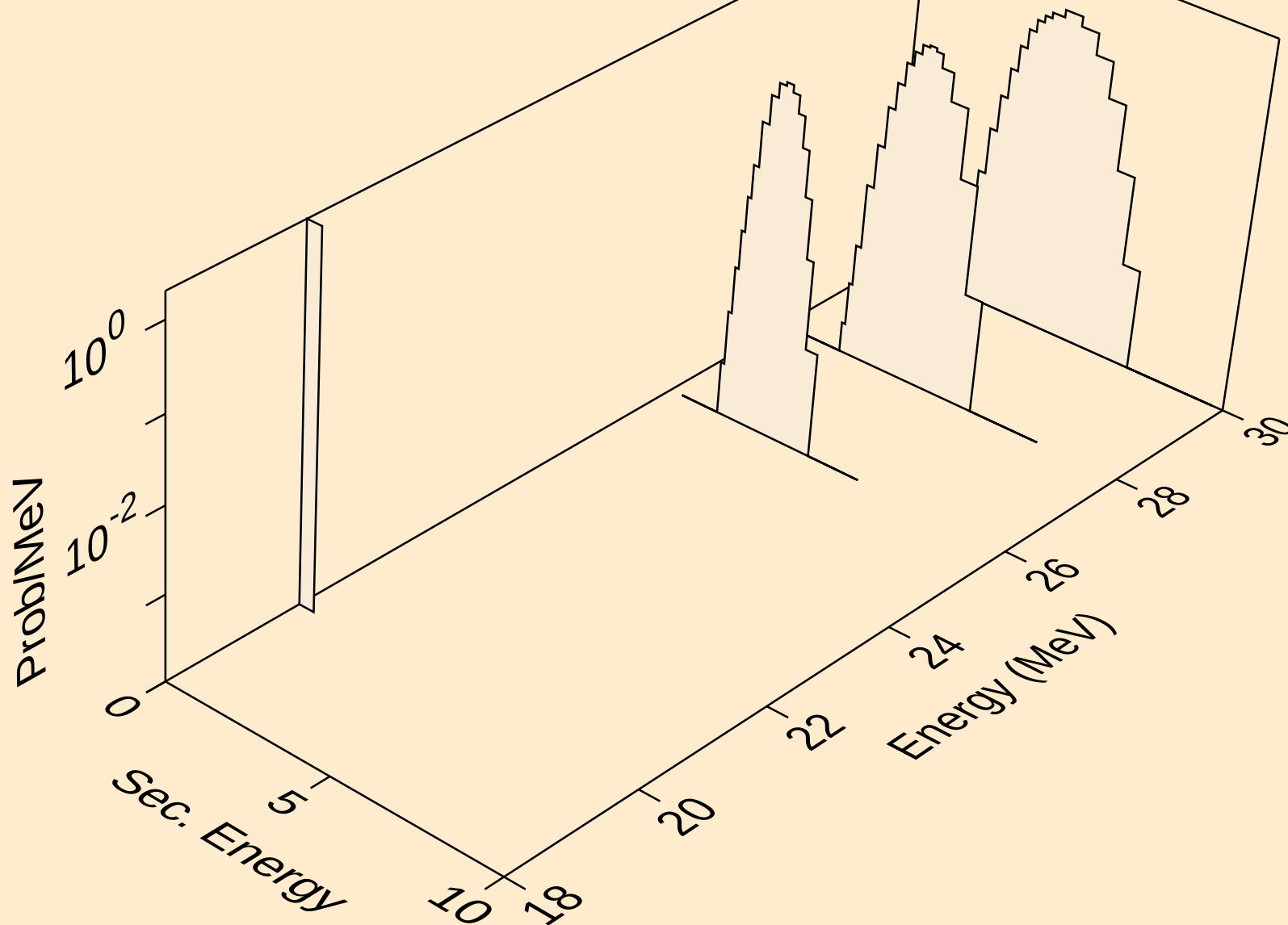
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protons from (a,n\*)p



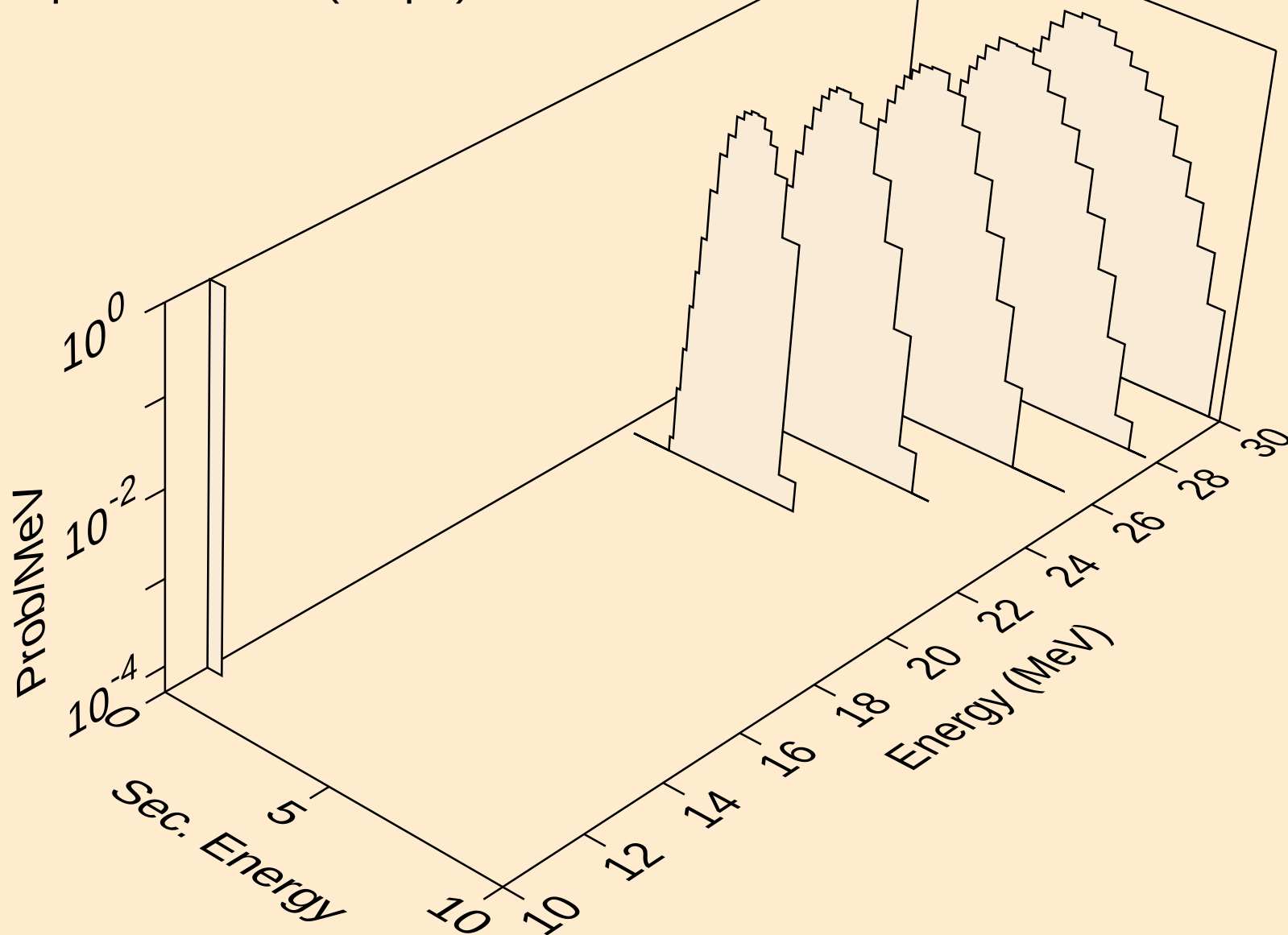
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protons from (a,2np)



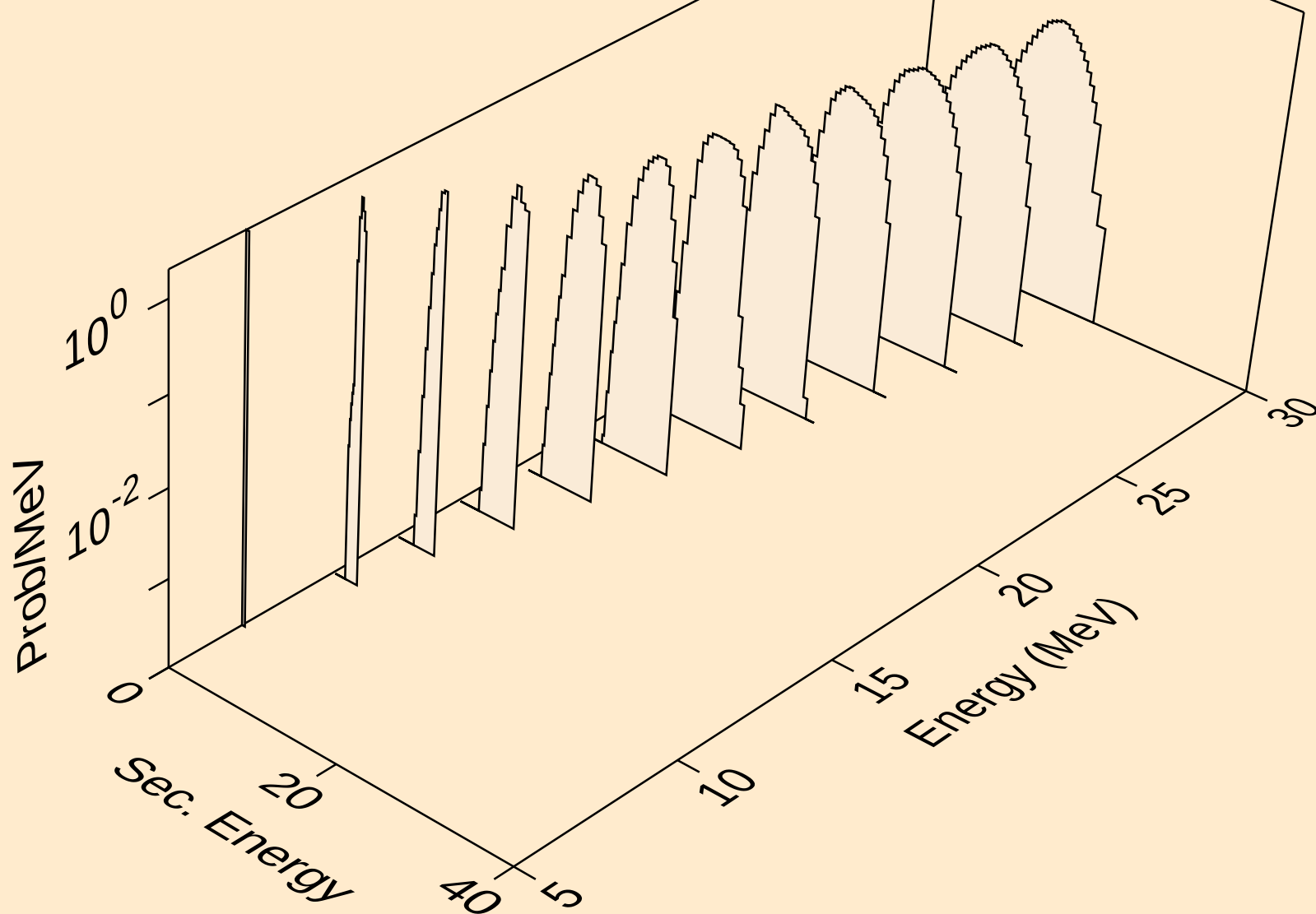
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protons from (a,n2p)



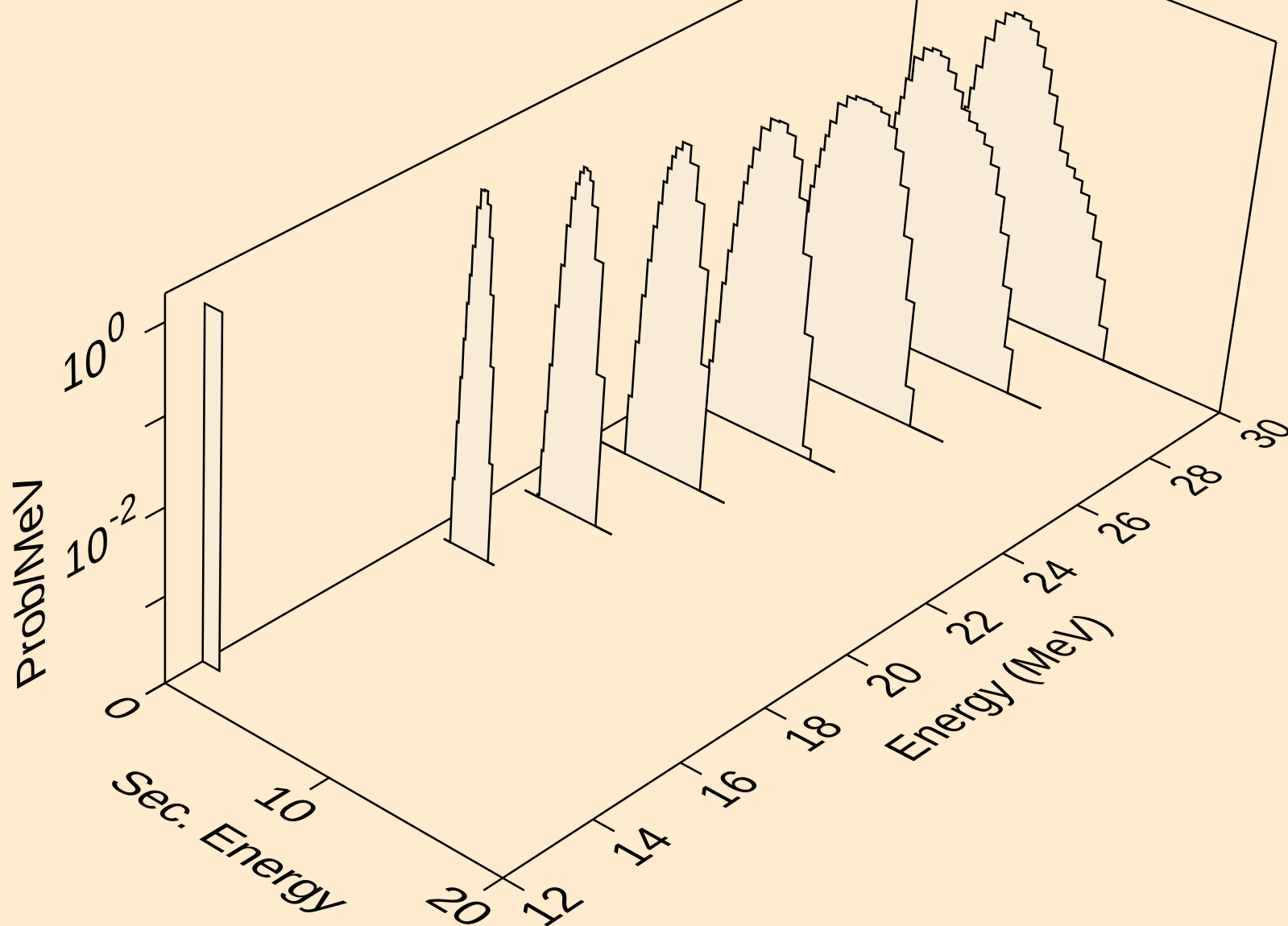
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protons from (a,npa)



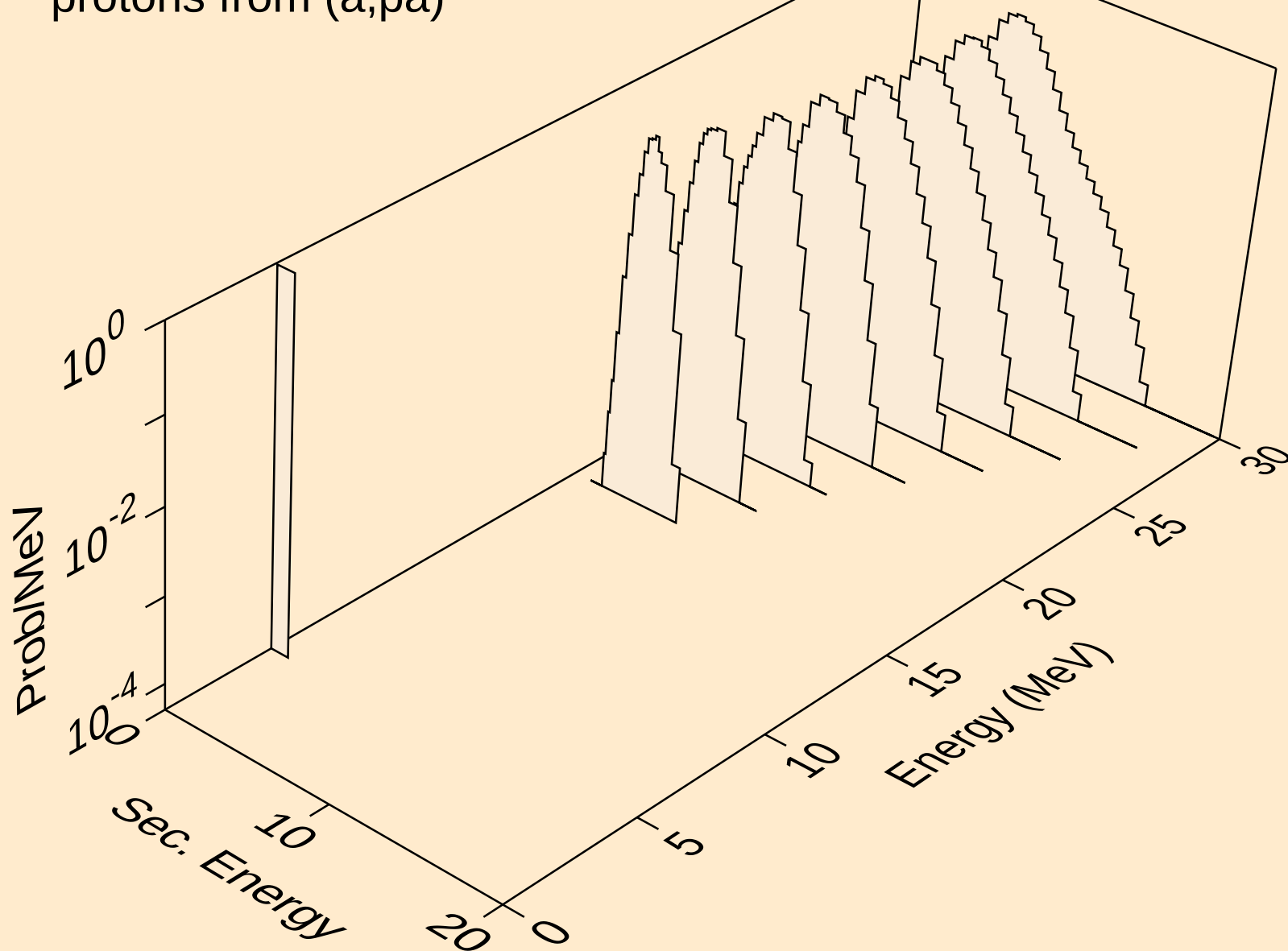
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protons from (a,p)



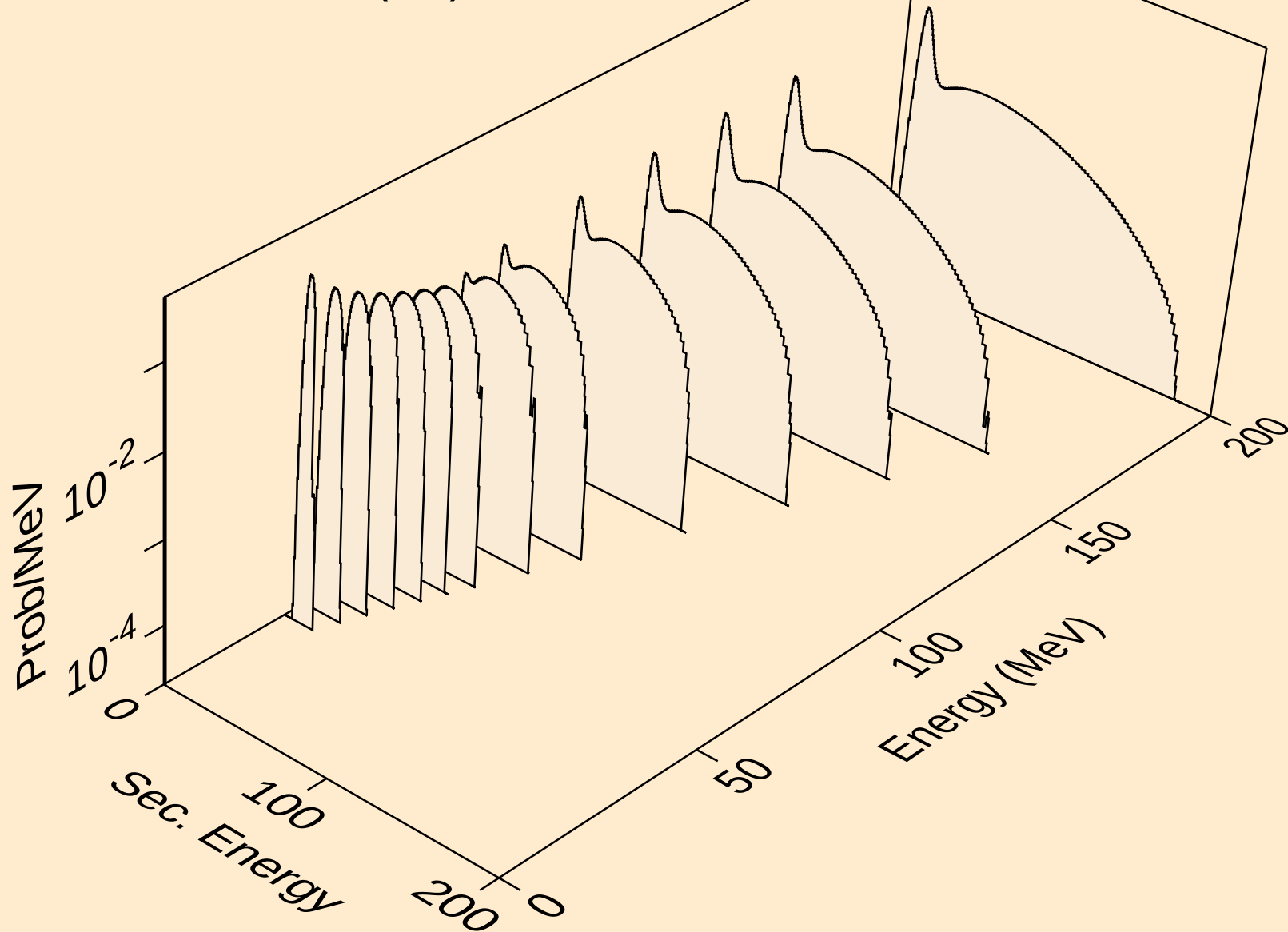
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protons from (a,2p)



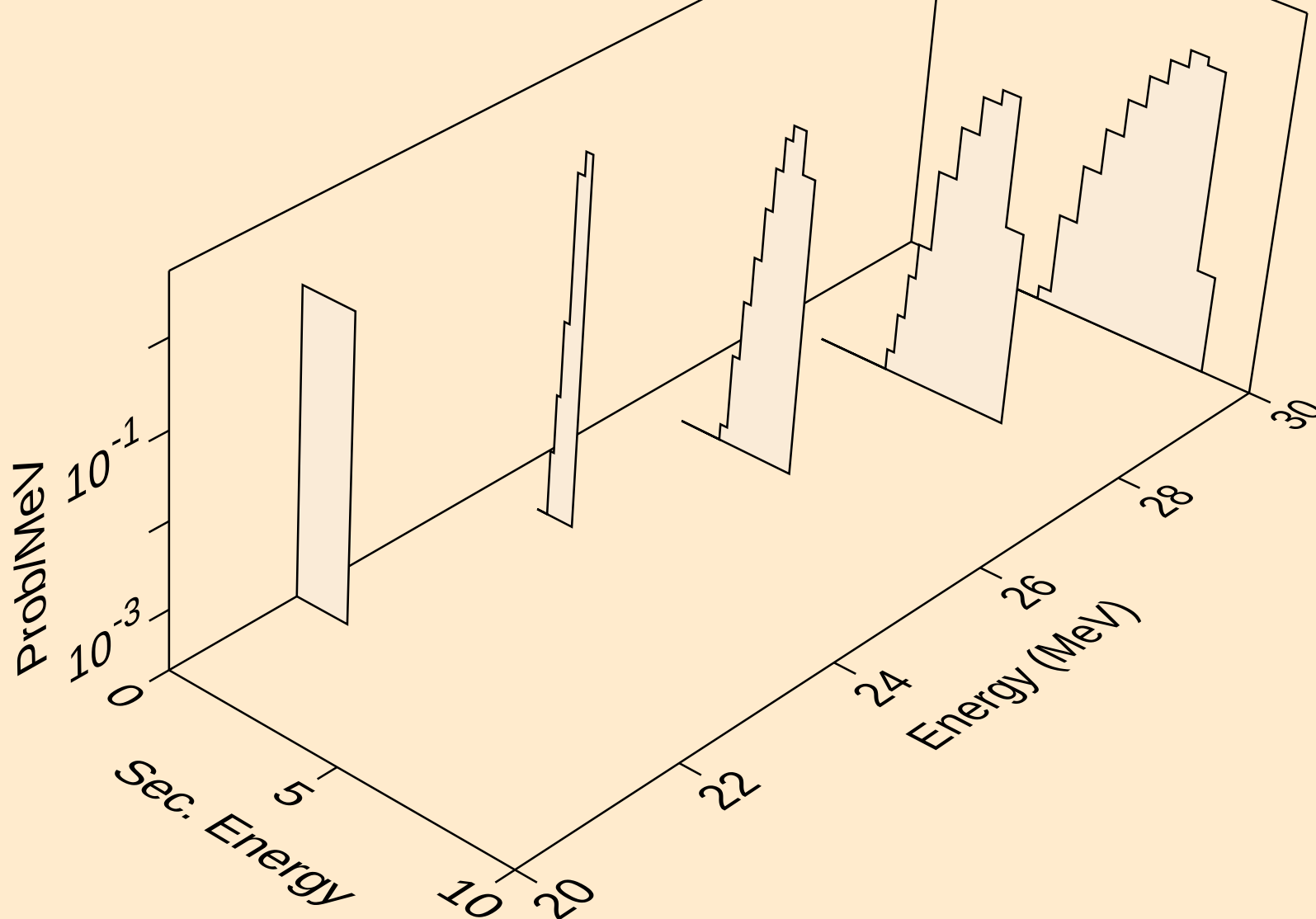
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



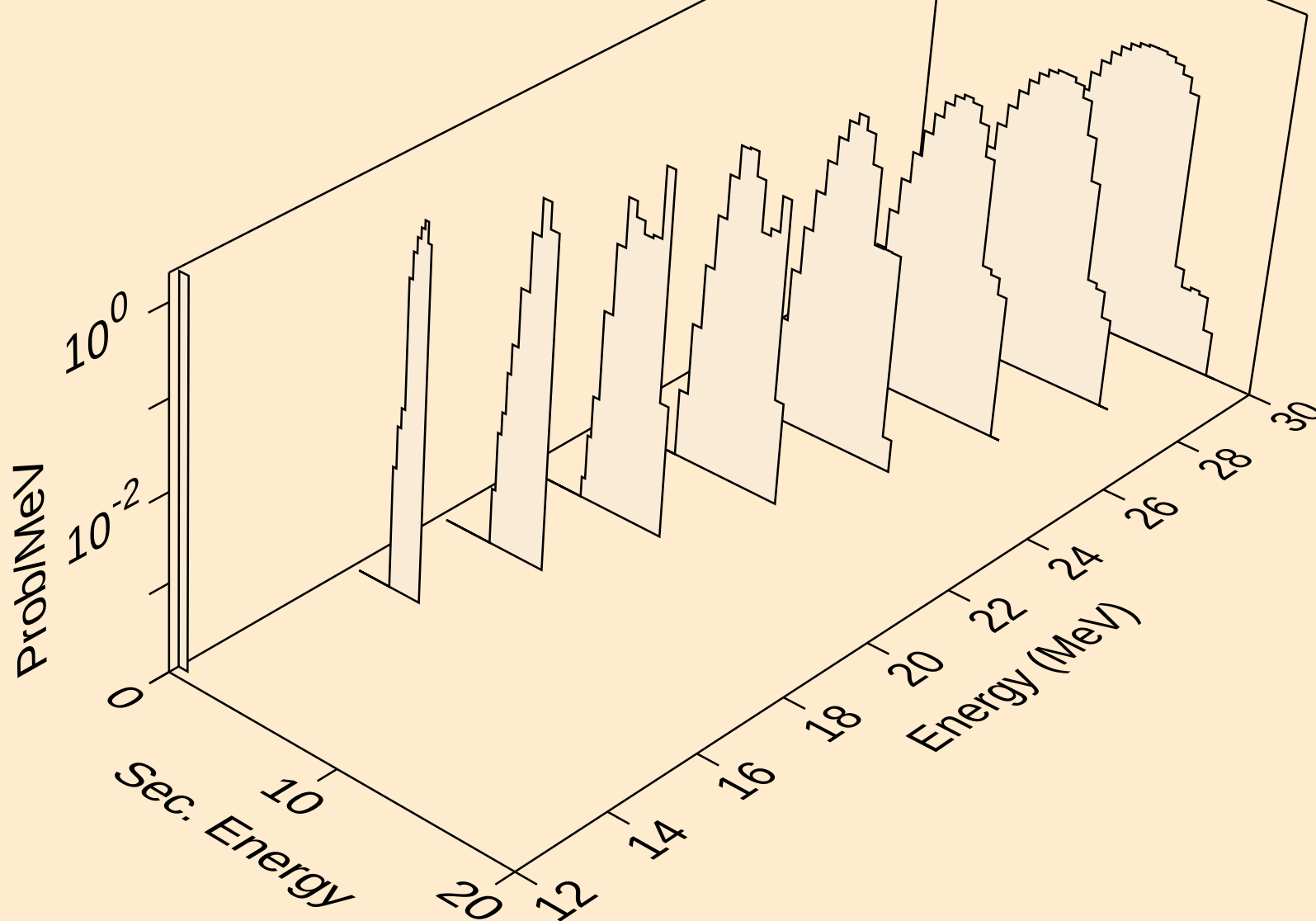
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



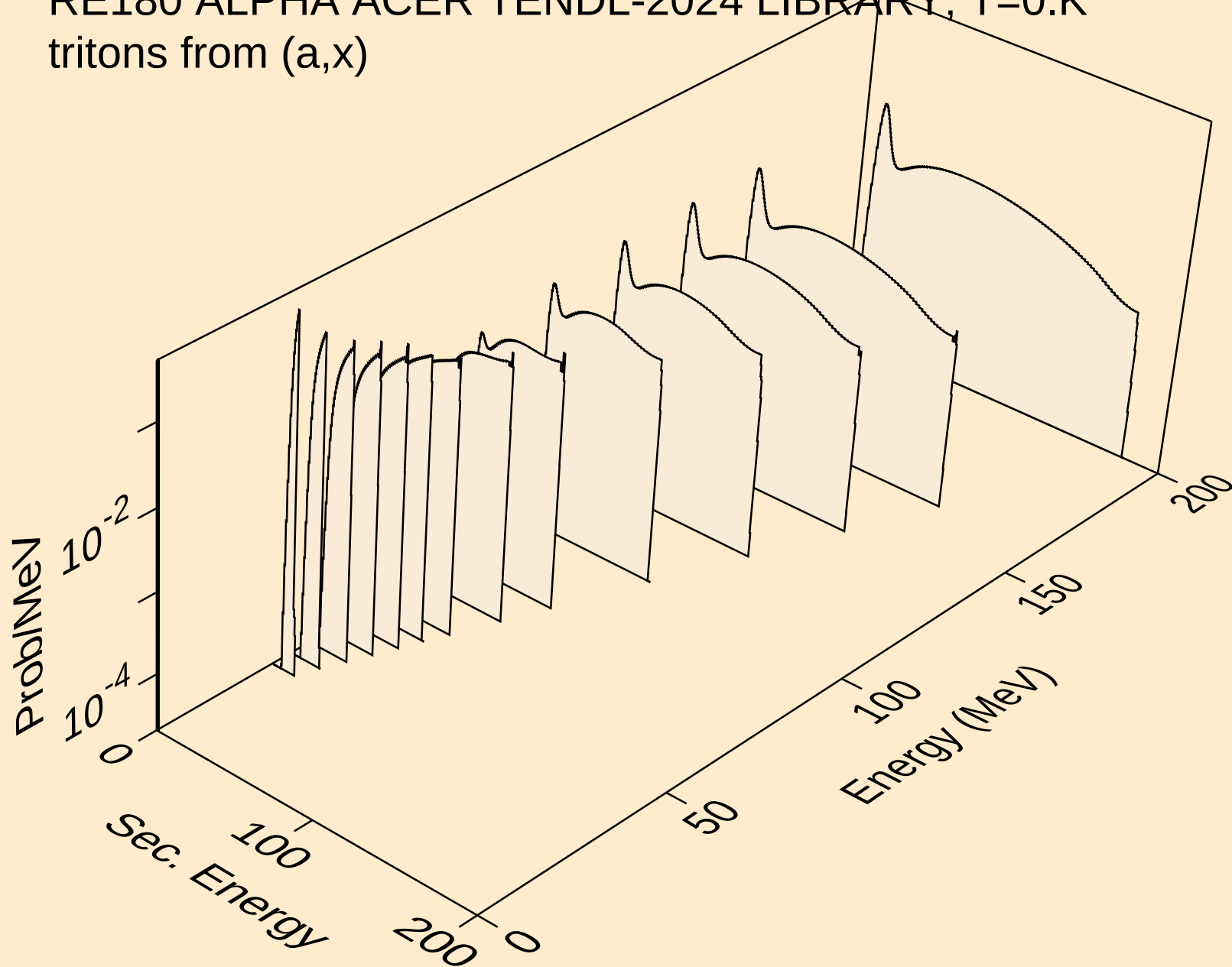
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



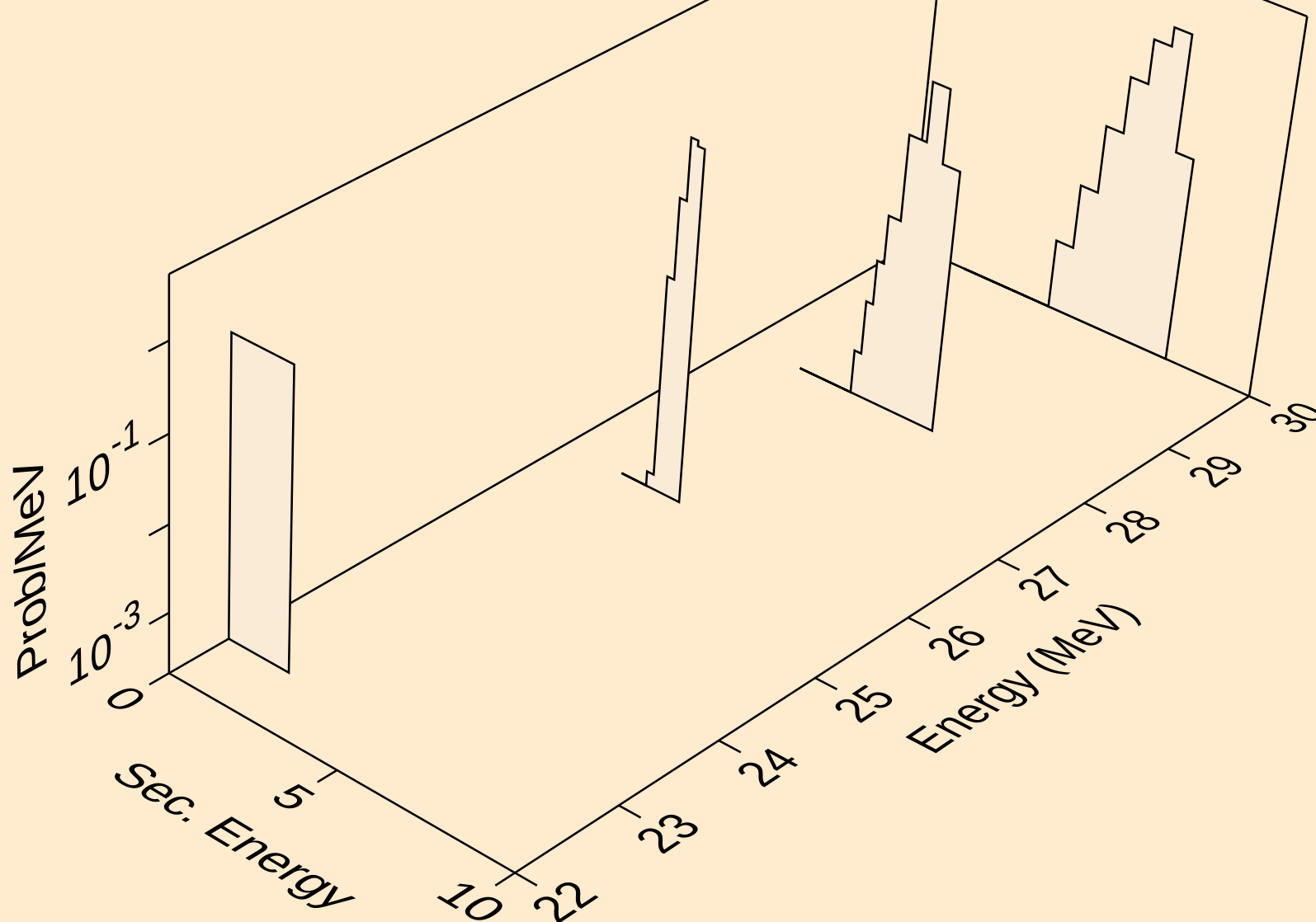
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deuterons from (a,d)



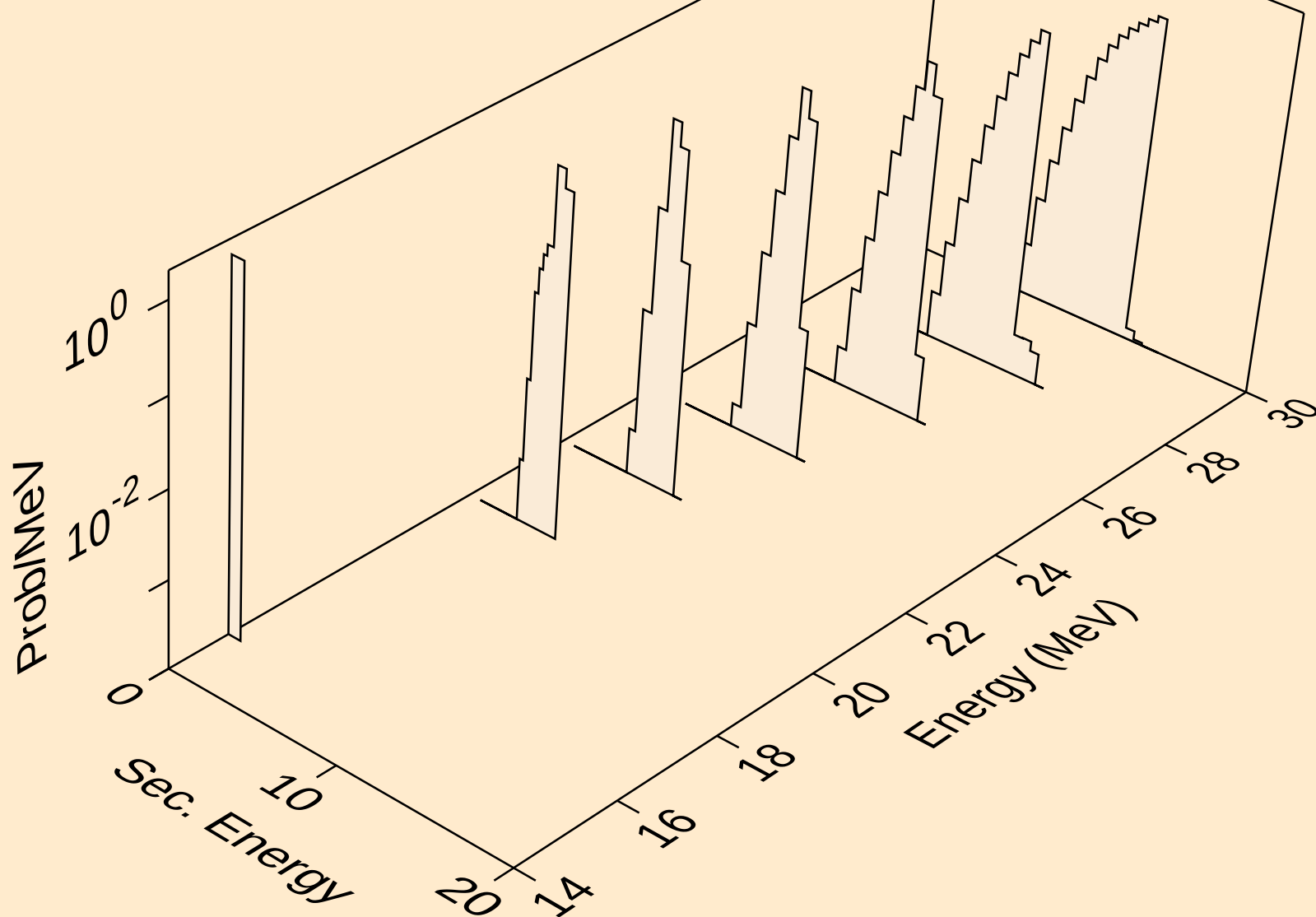
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tritons from (a,x)



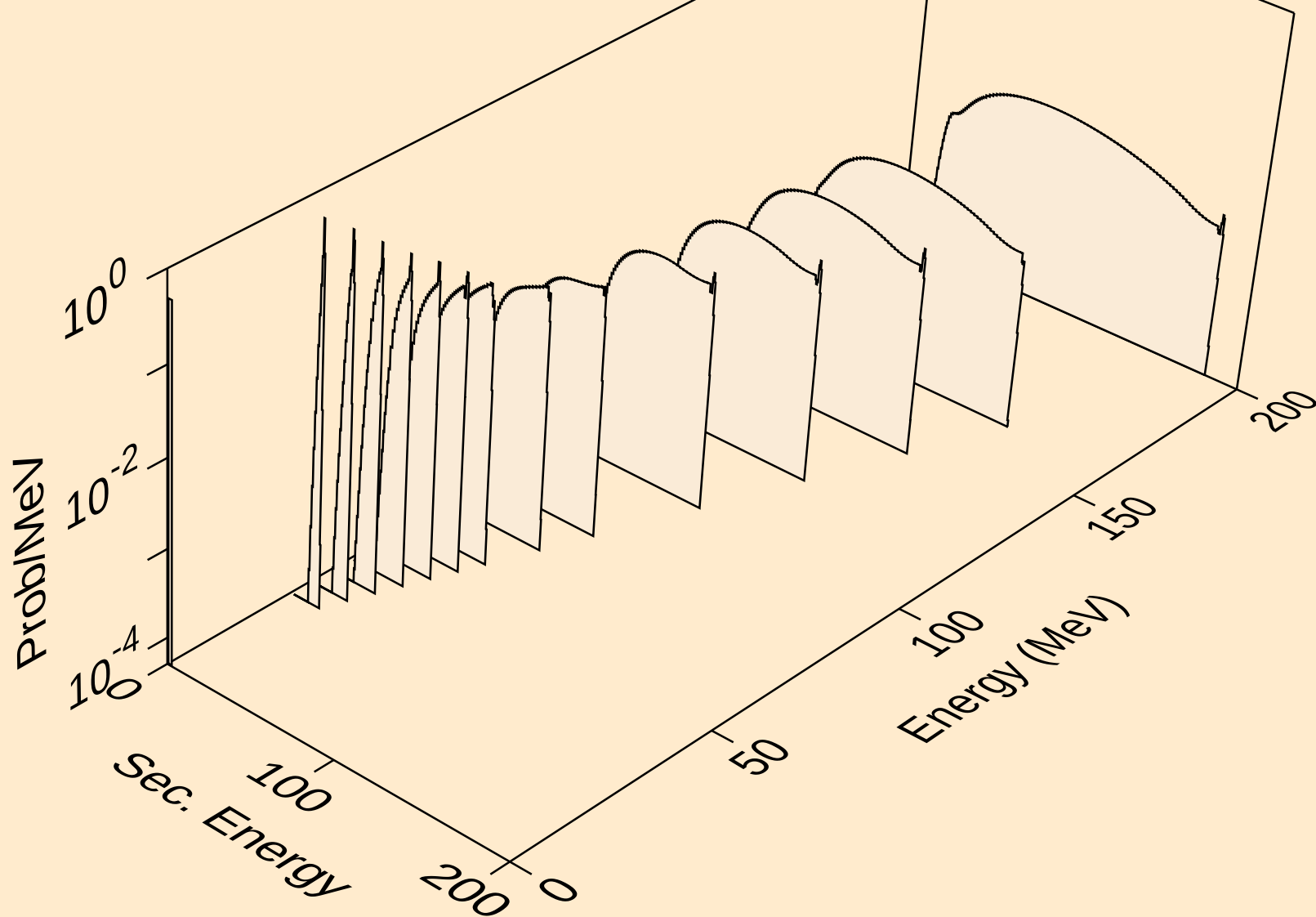
RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



RE180 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

