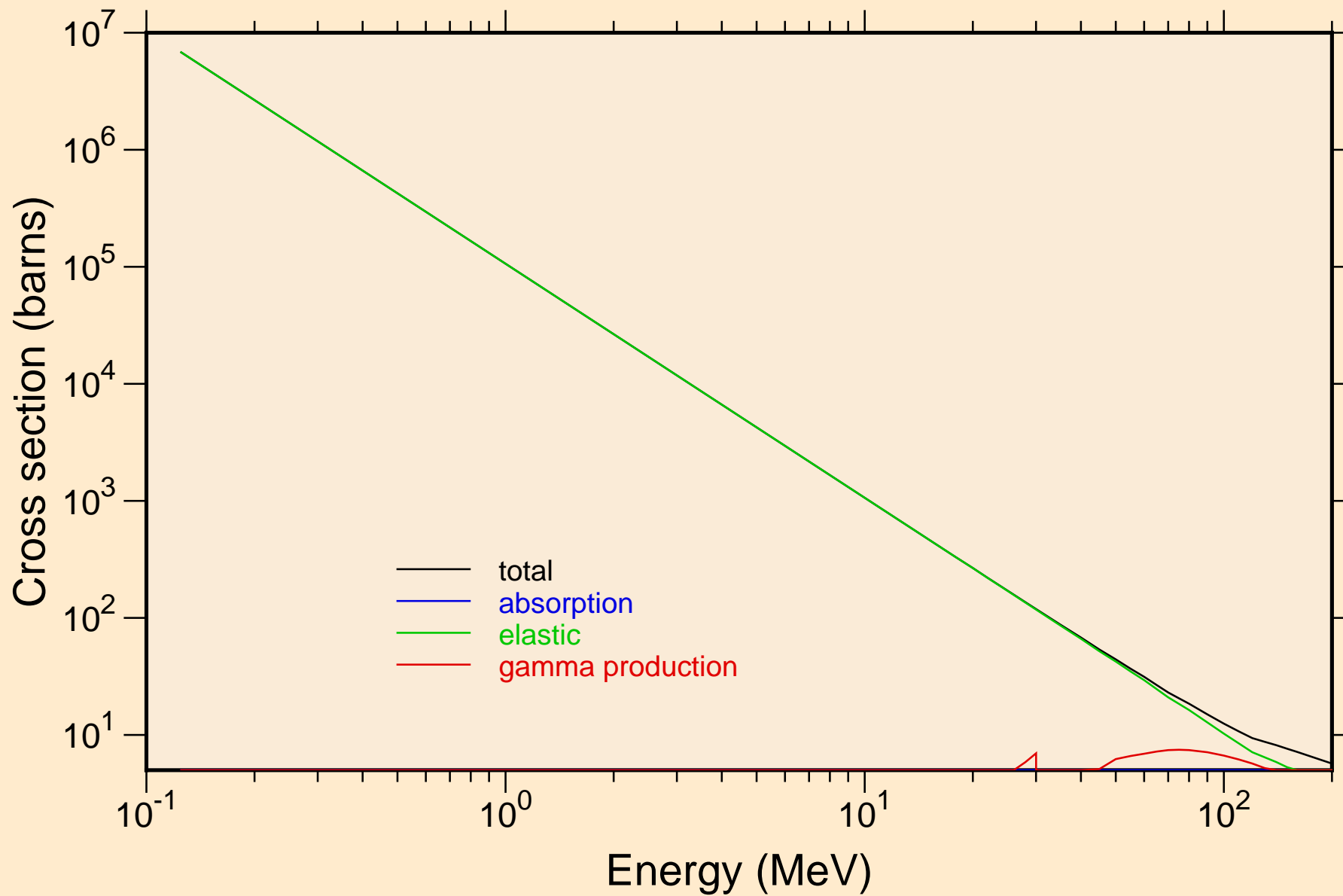


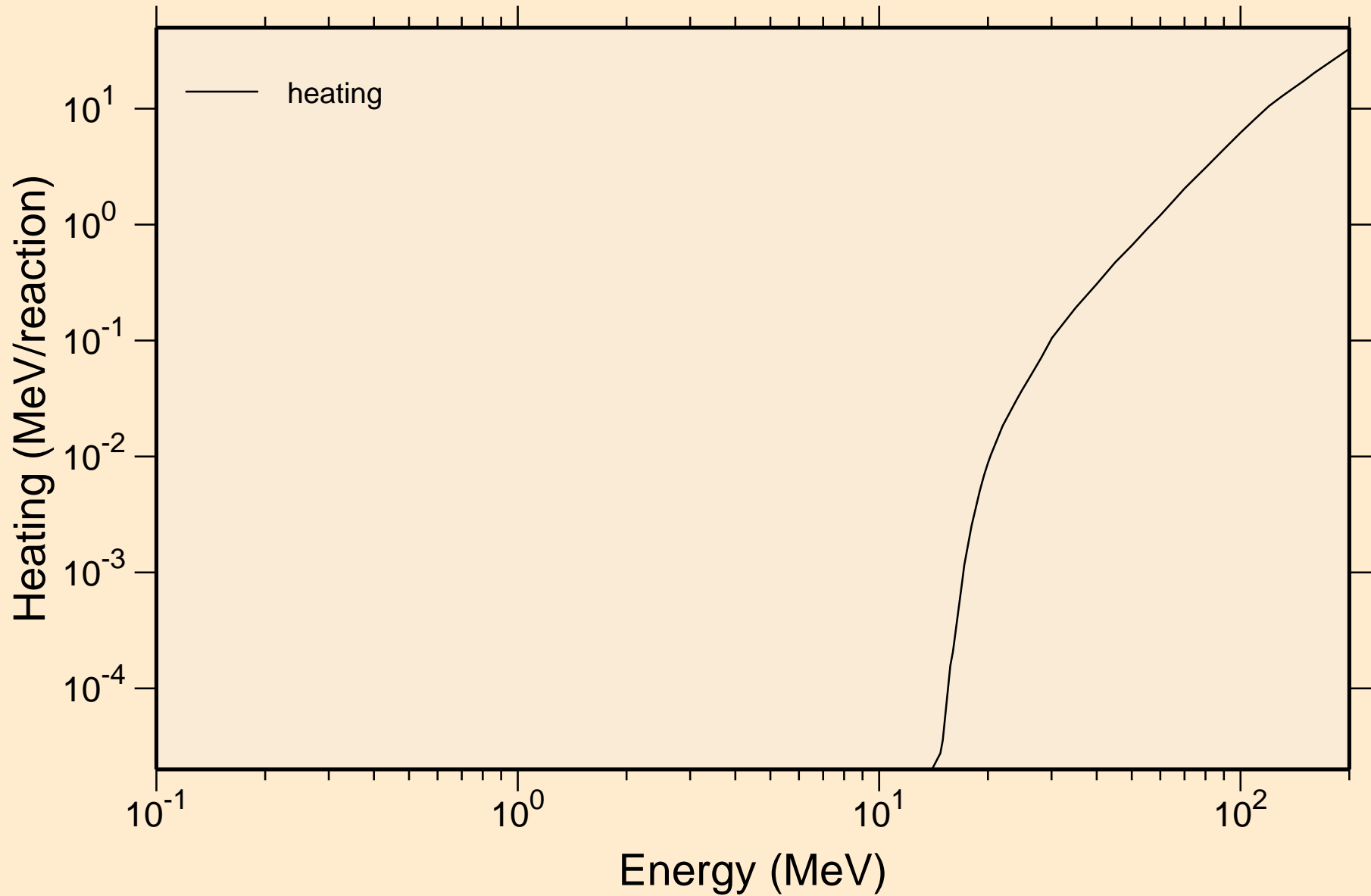
# GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



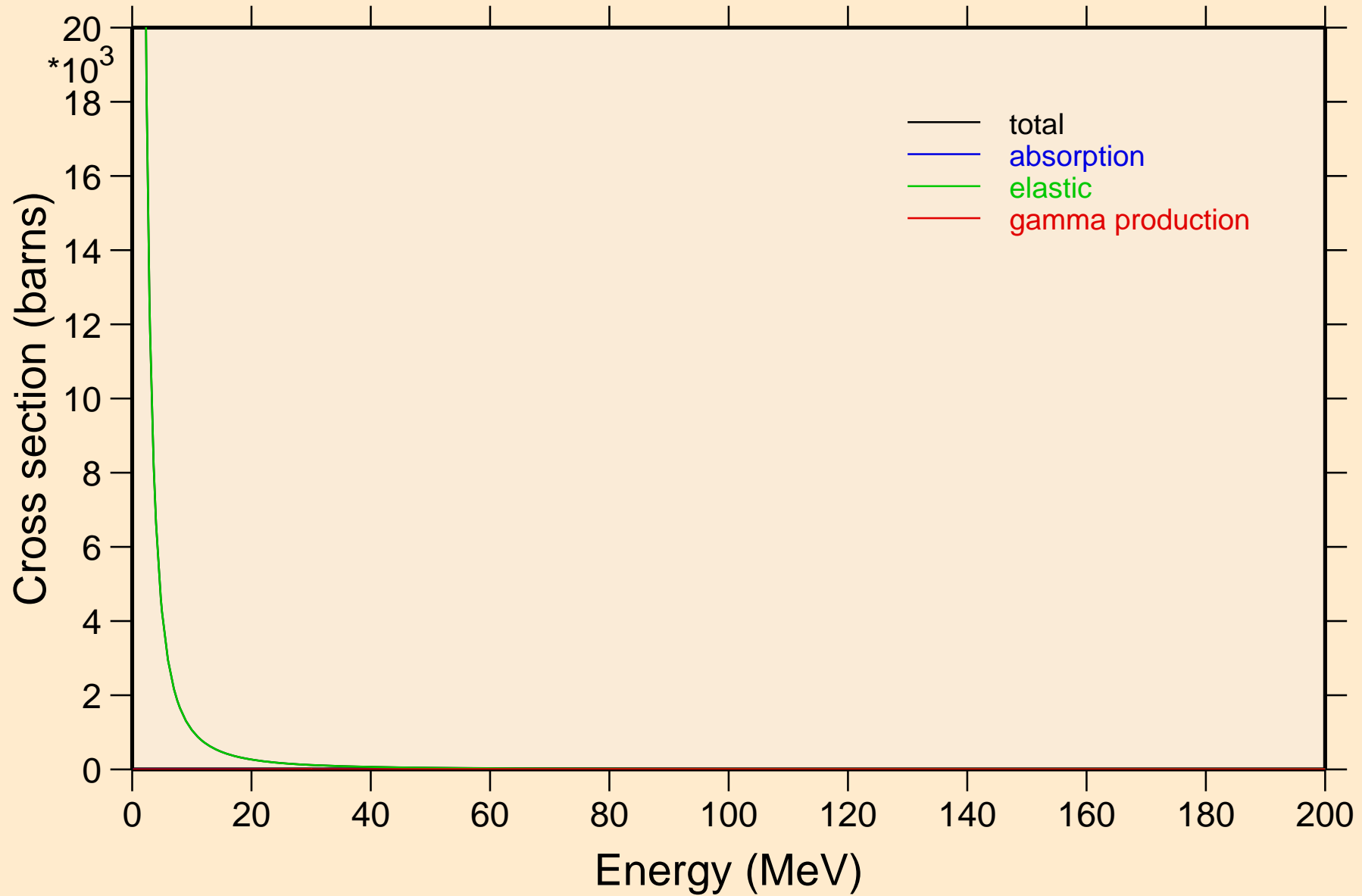
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



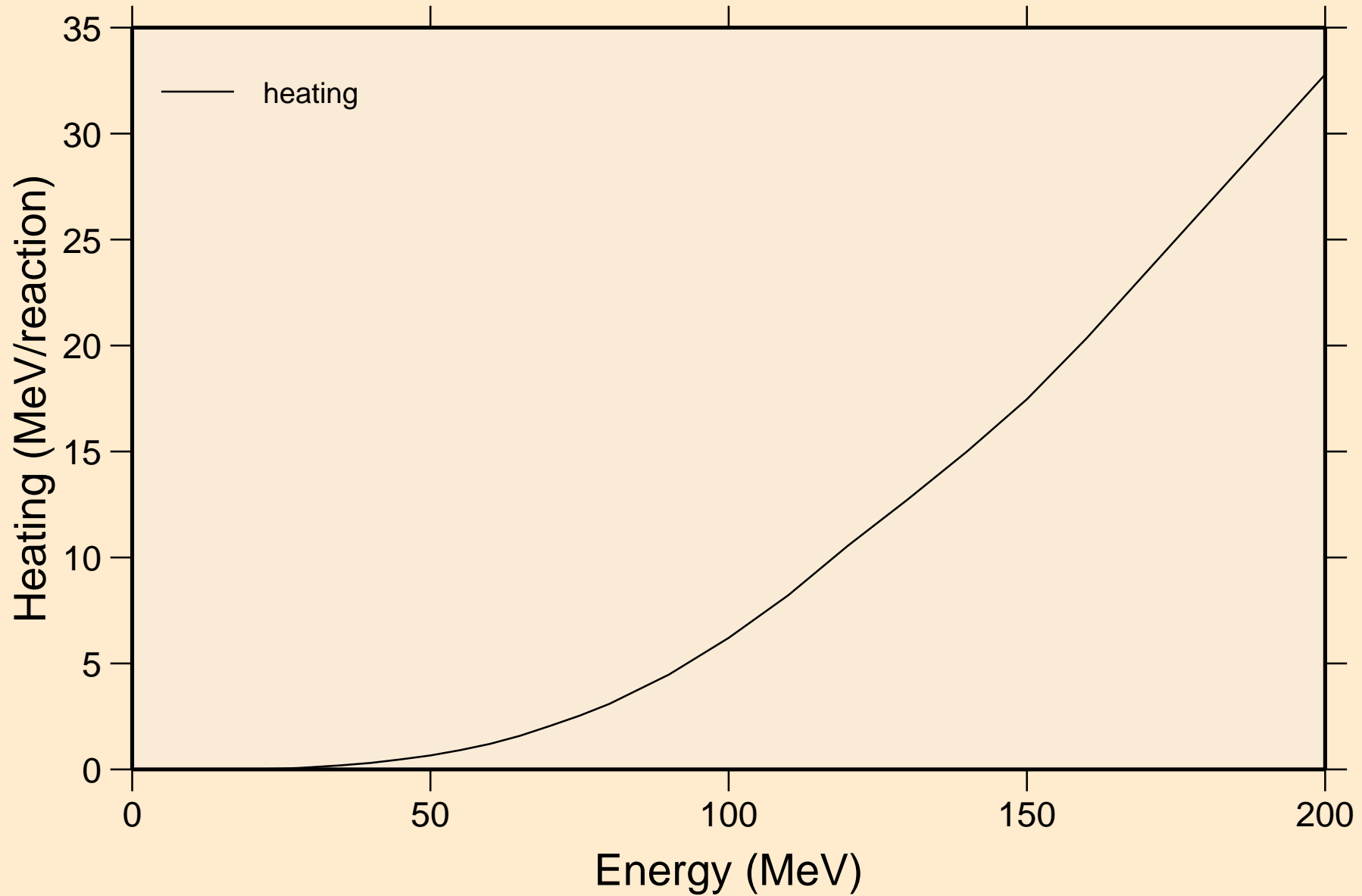
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## Principal cross sections



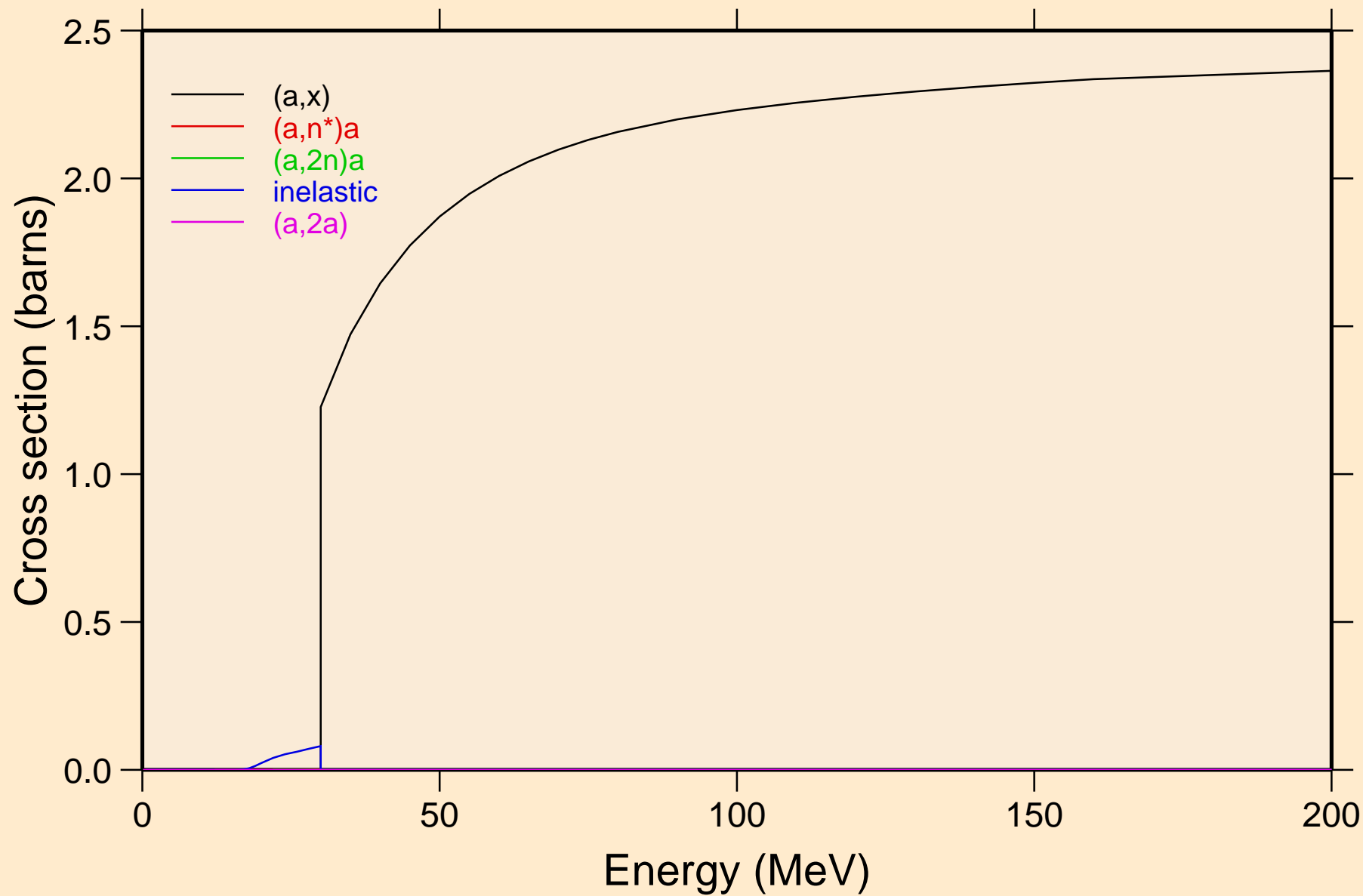
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Heating

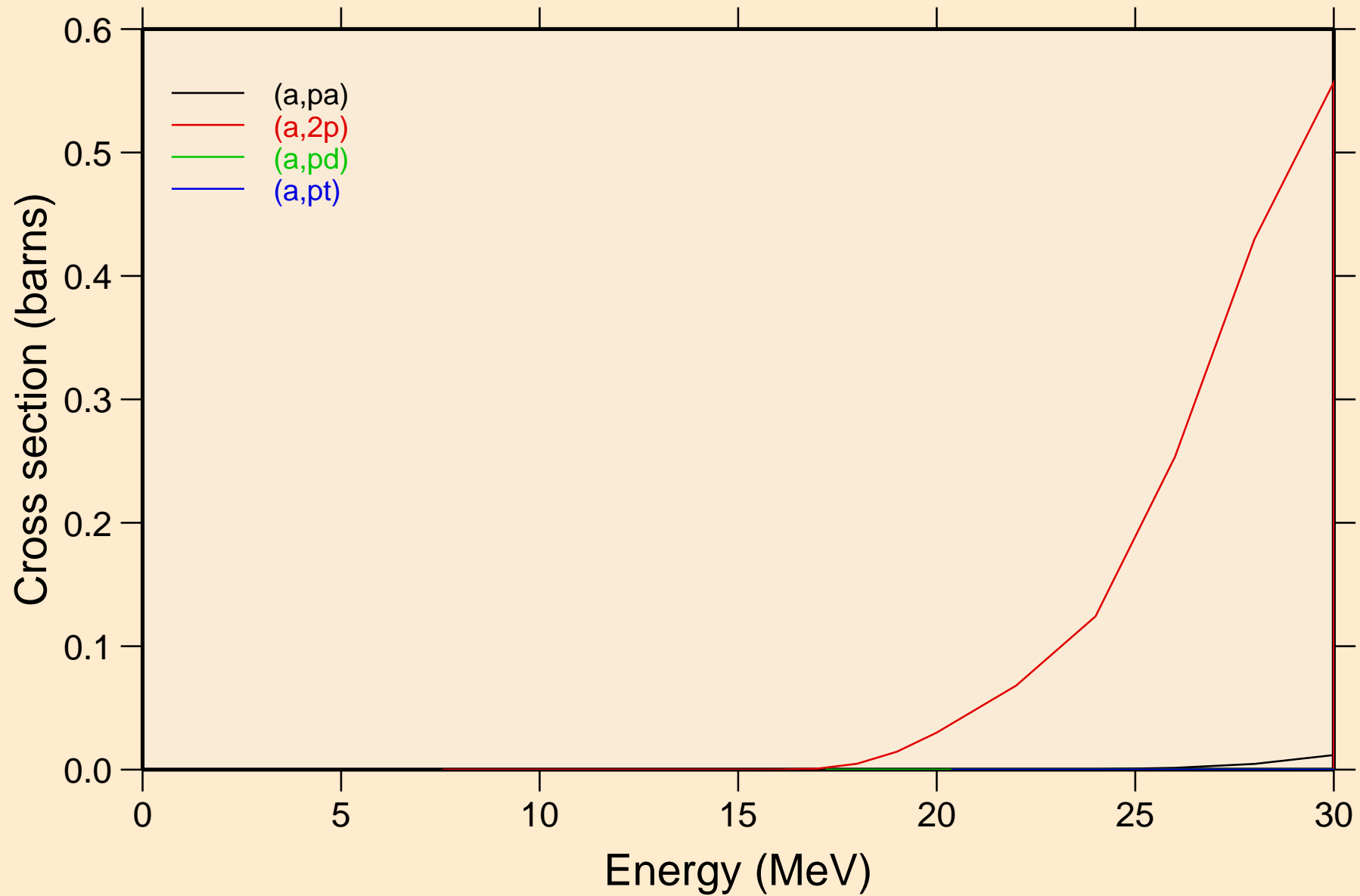


# GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

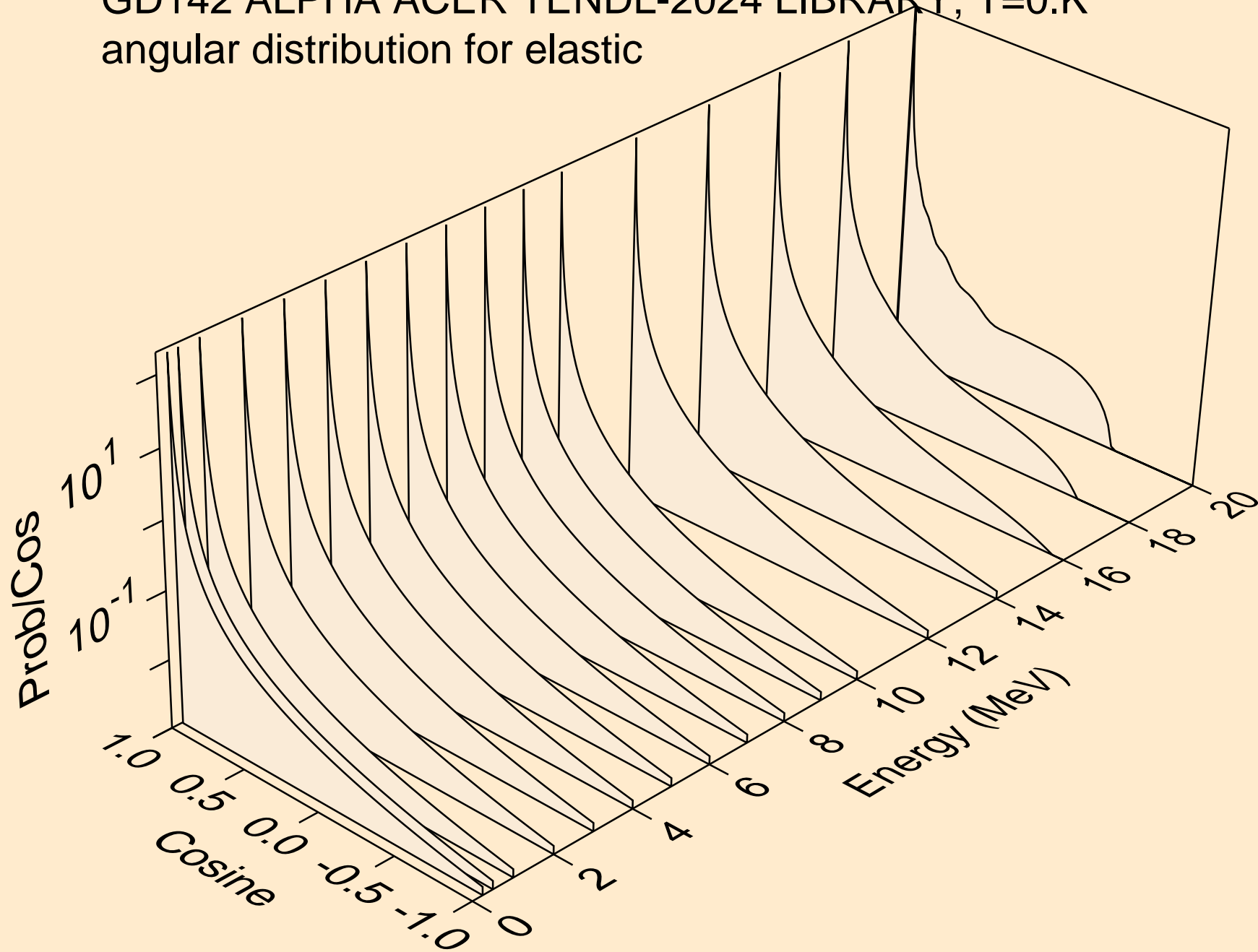
## Threshold reactions



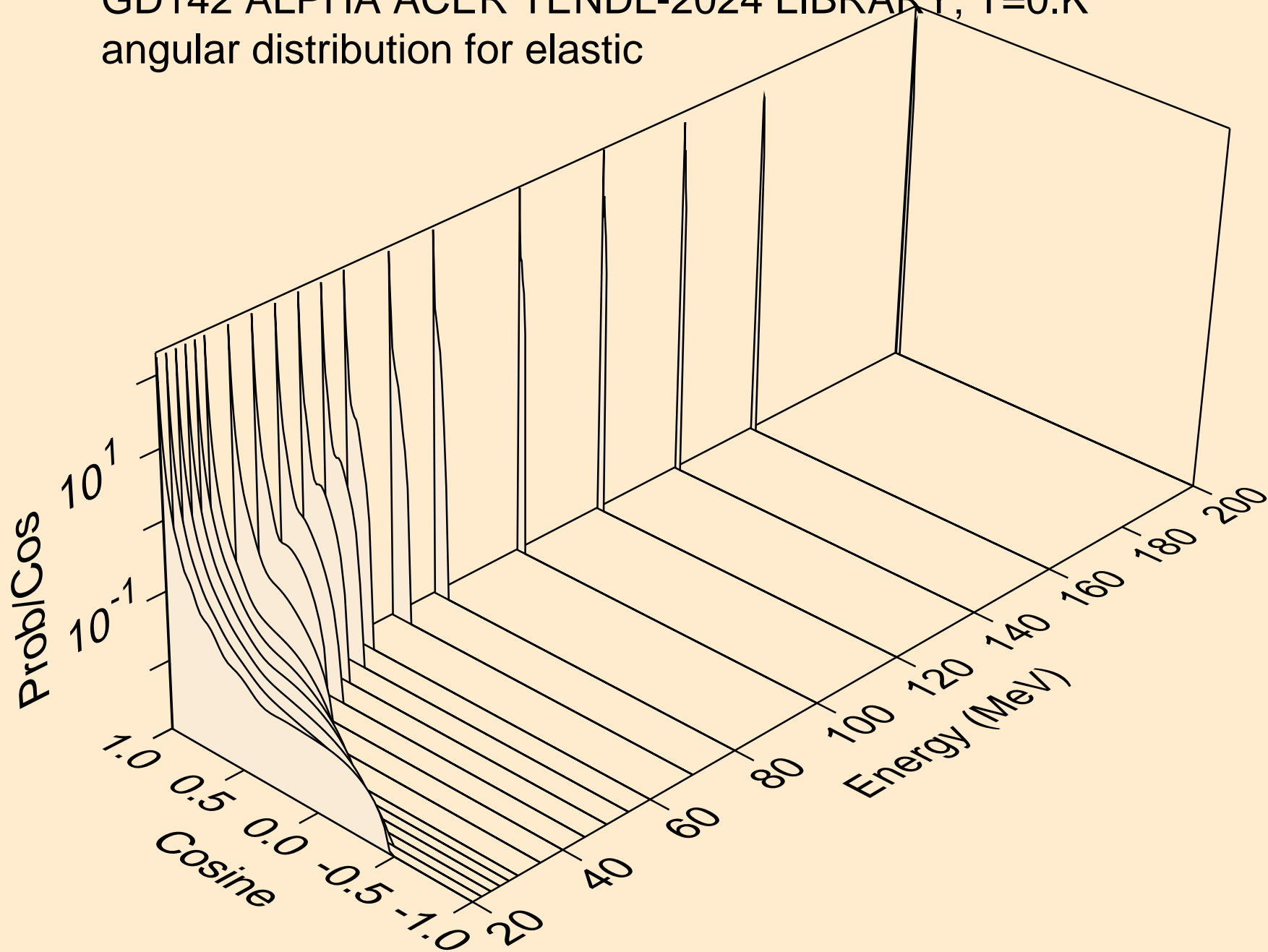
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Threshold reactions



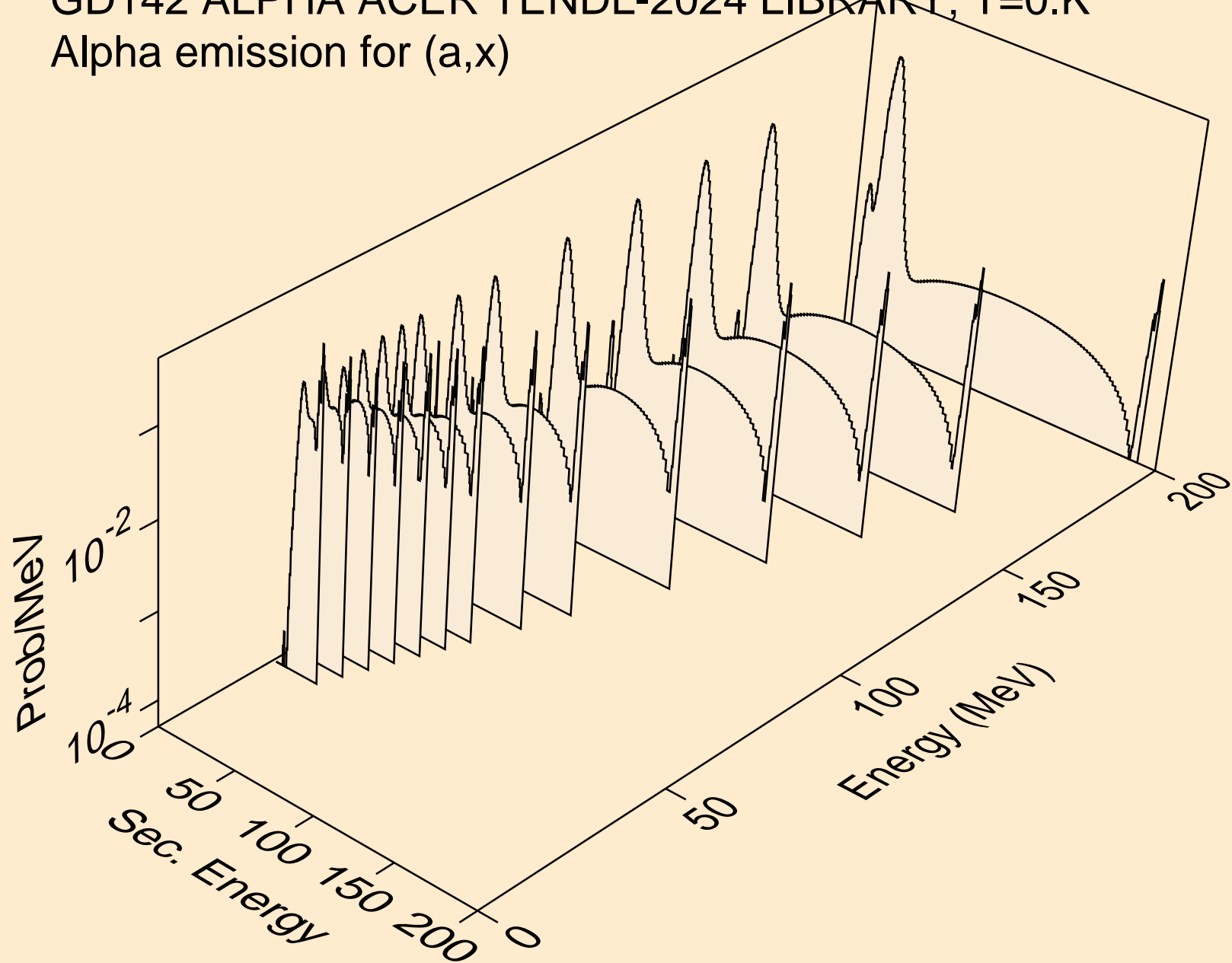
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angular distribution for elastic



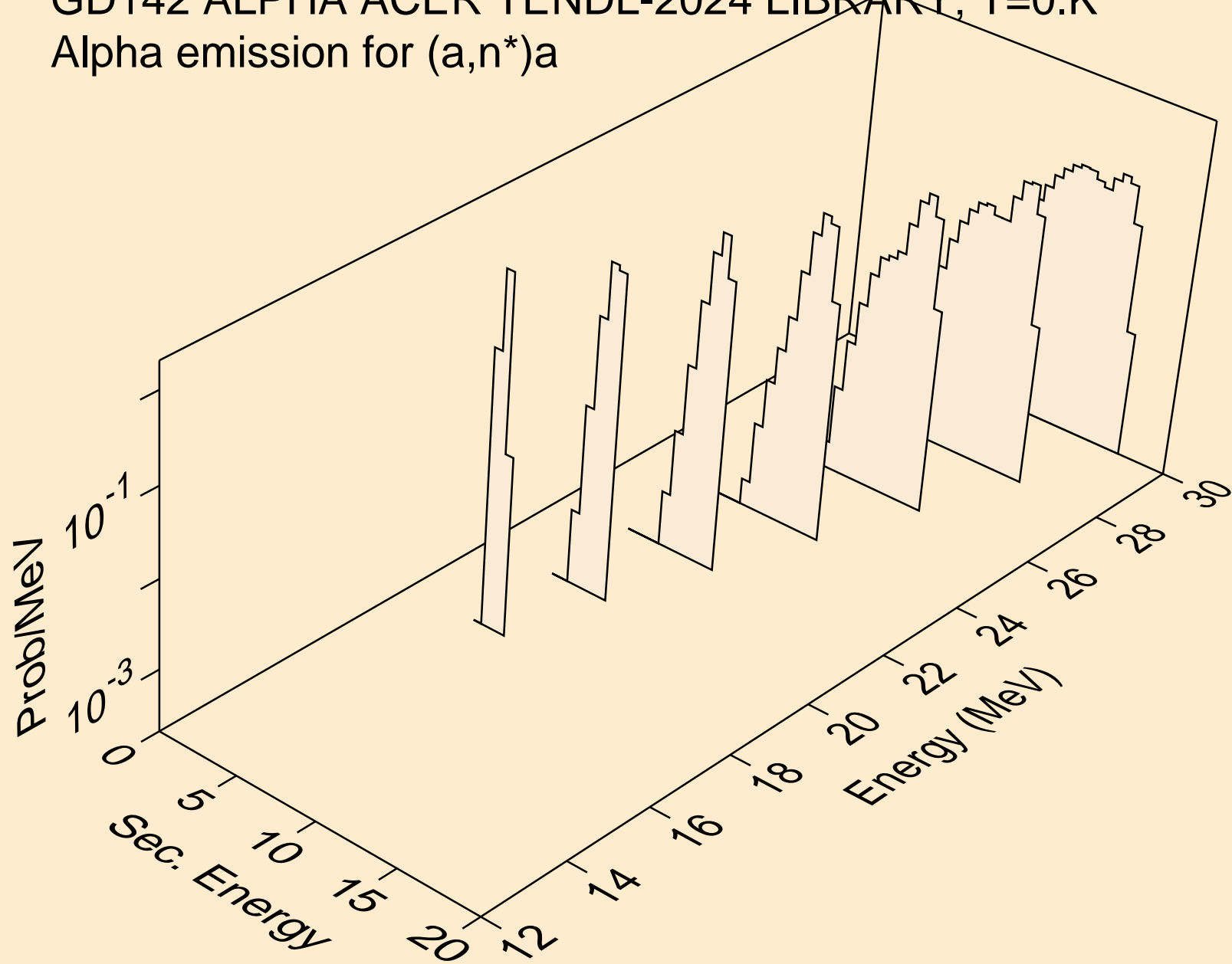
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angular distribution for elastic



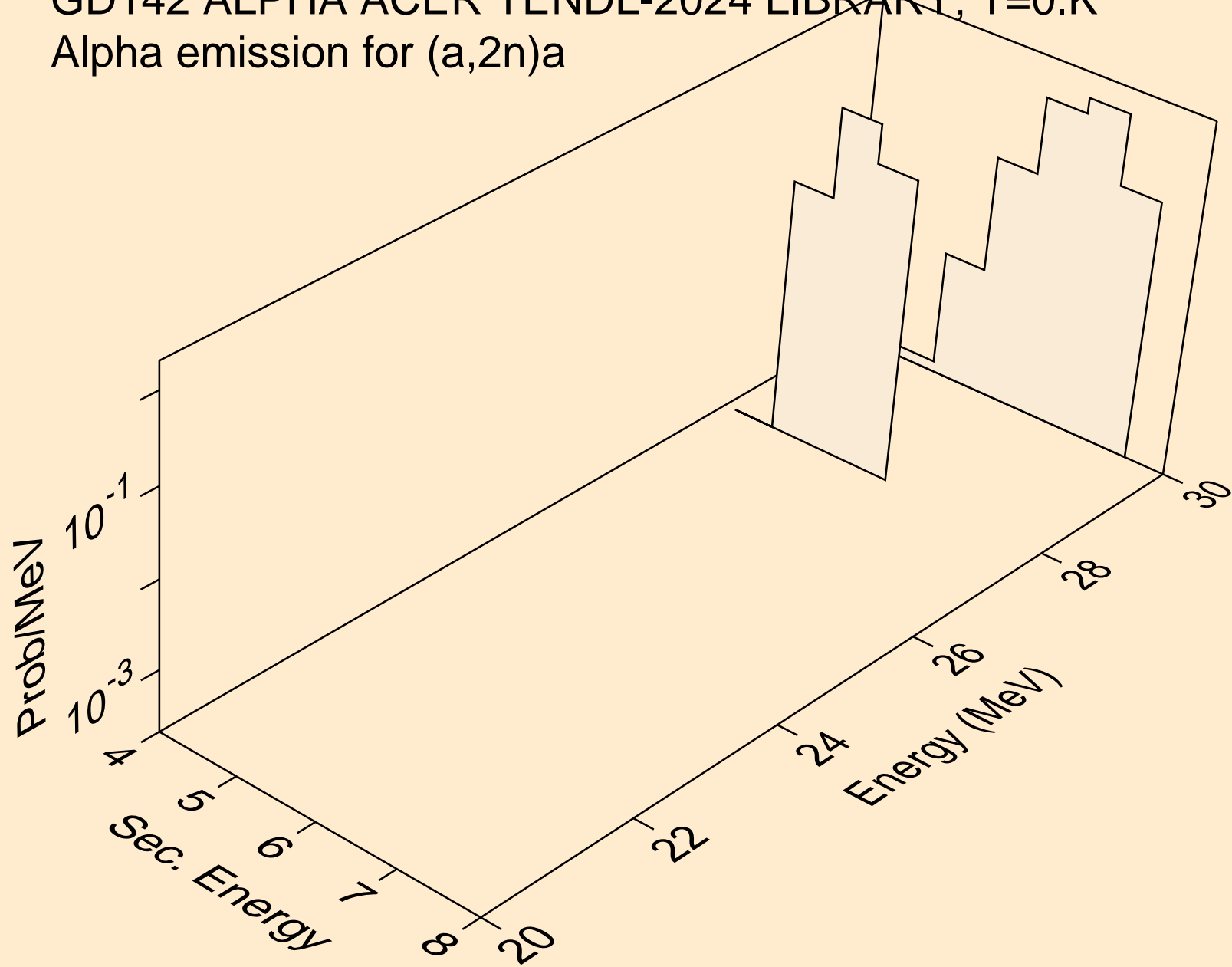
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



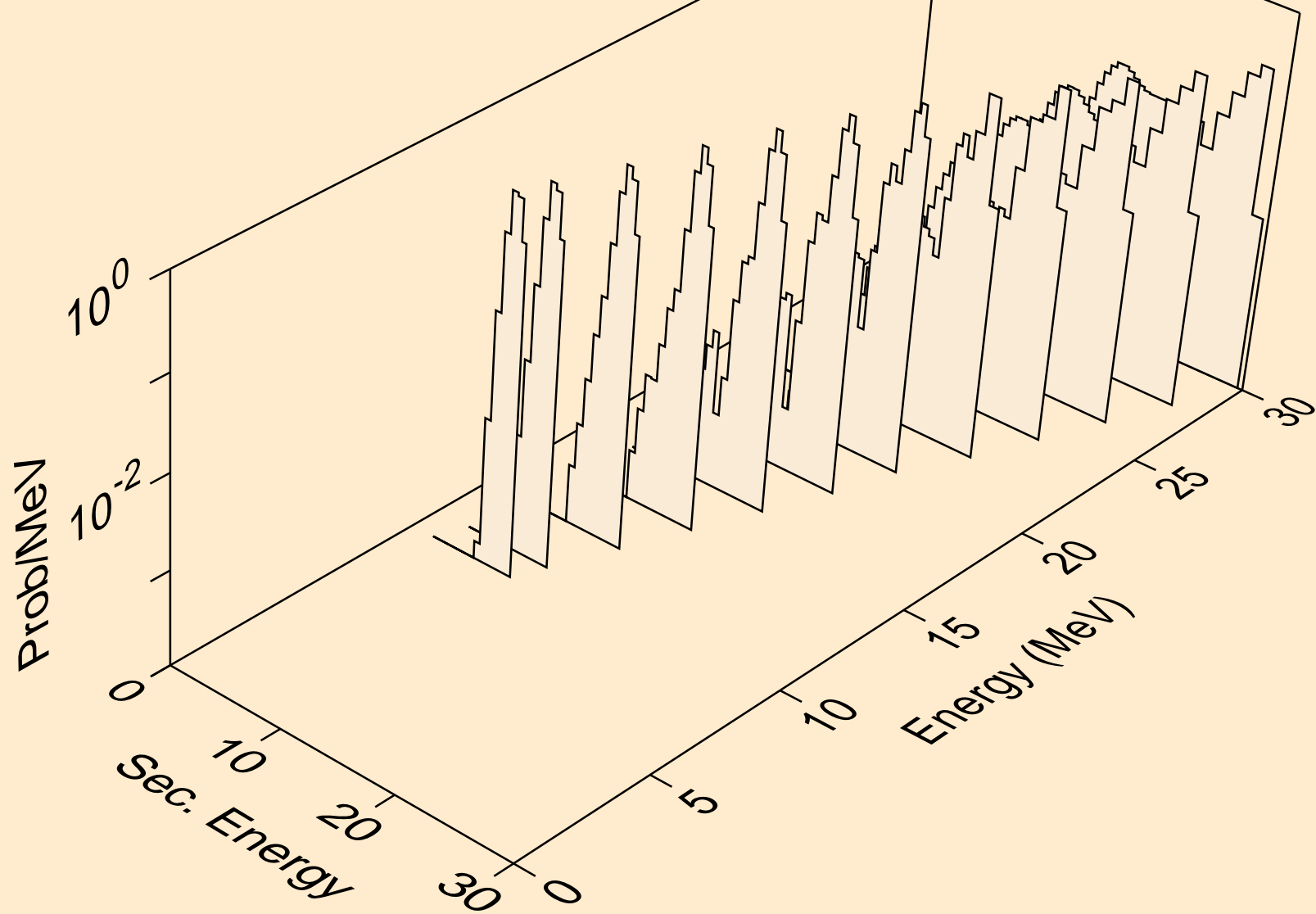
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



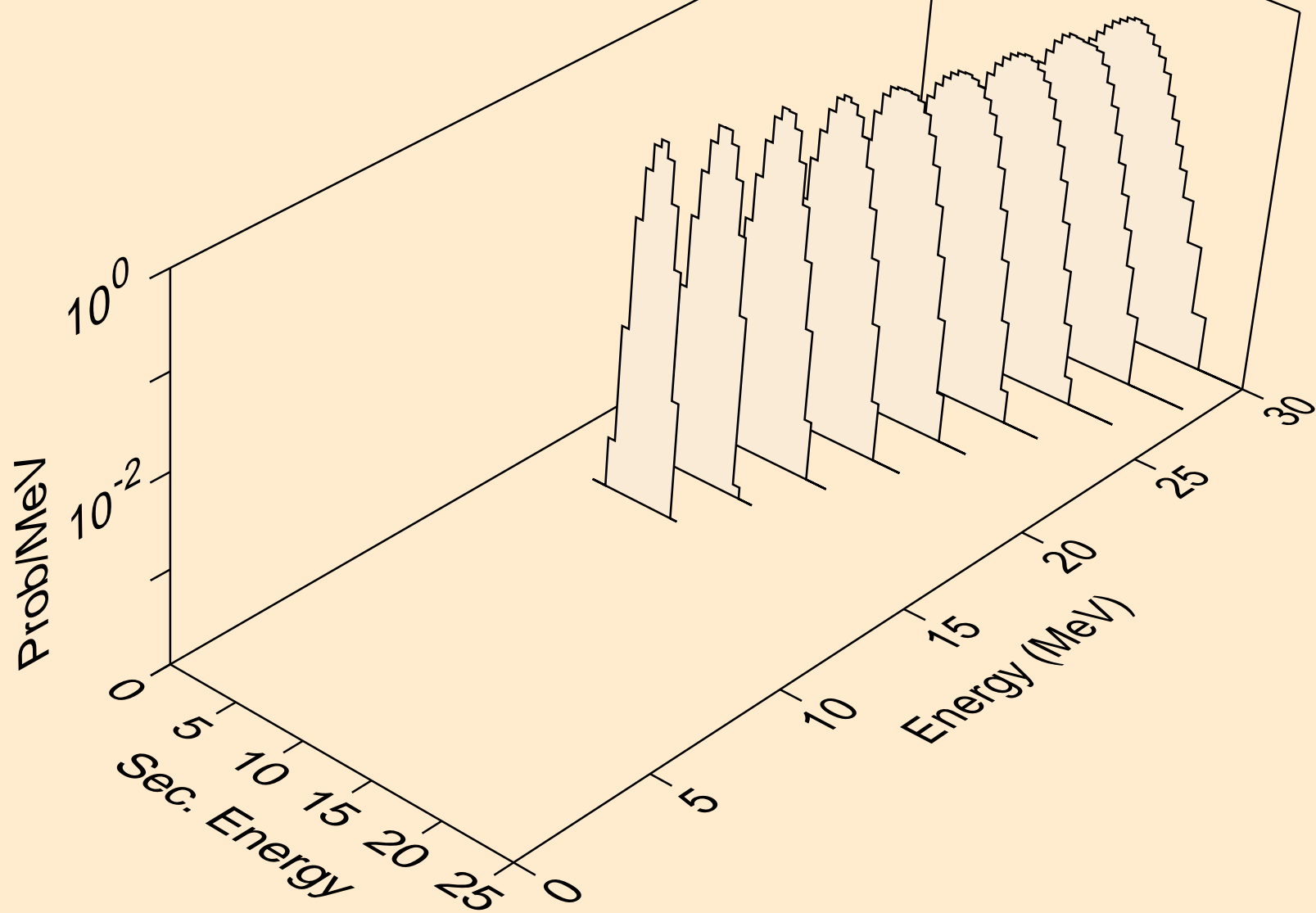
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



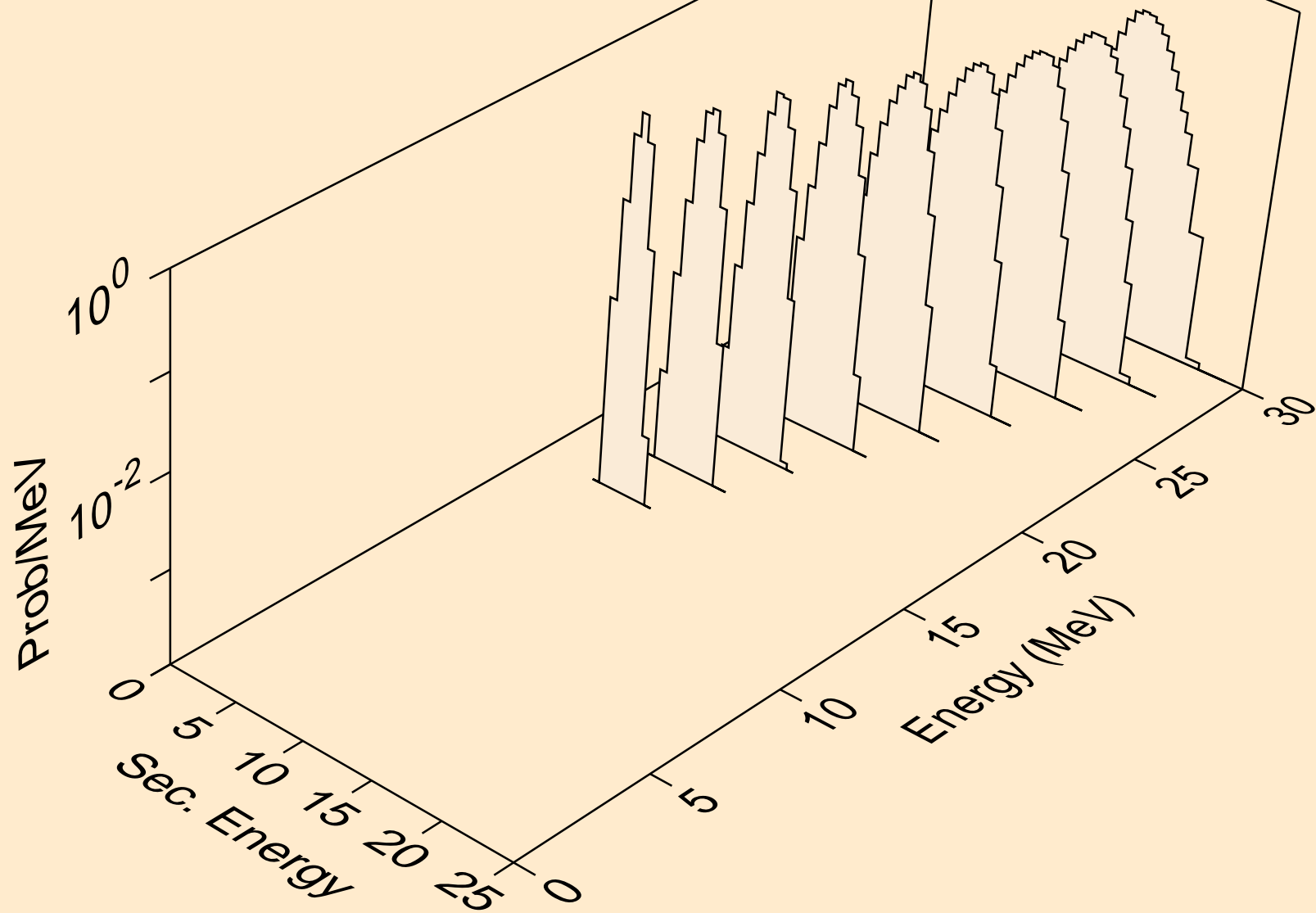
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



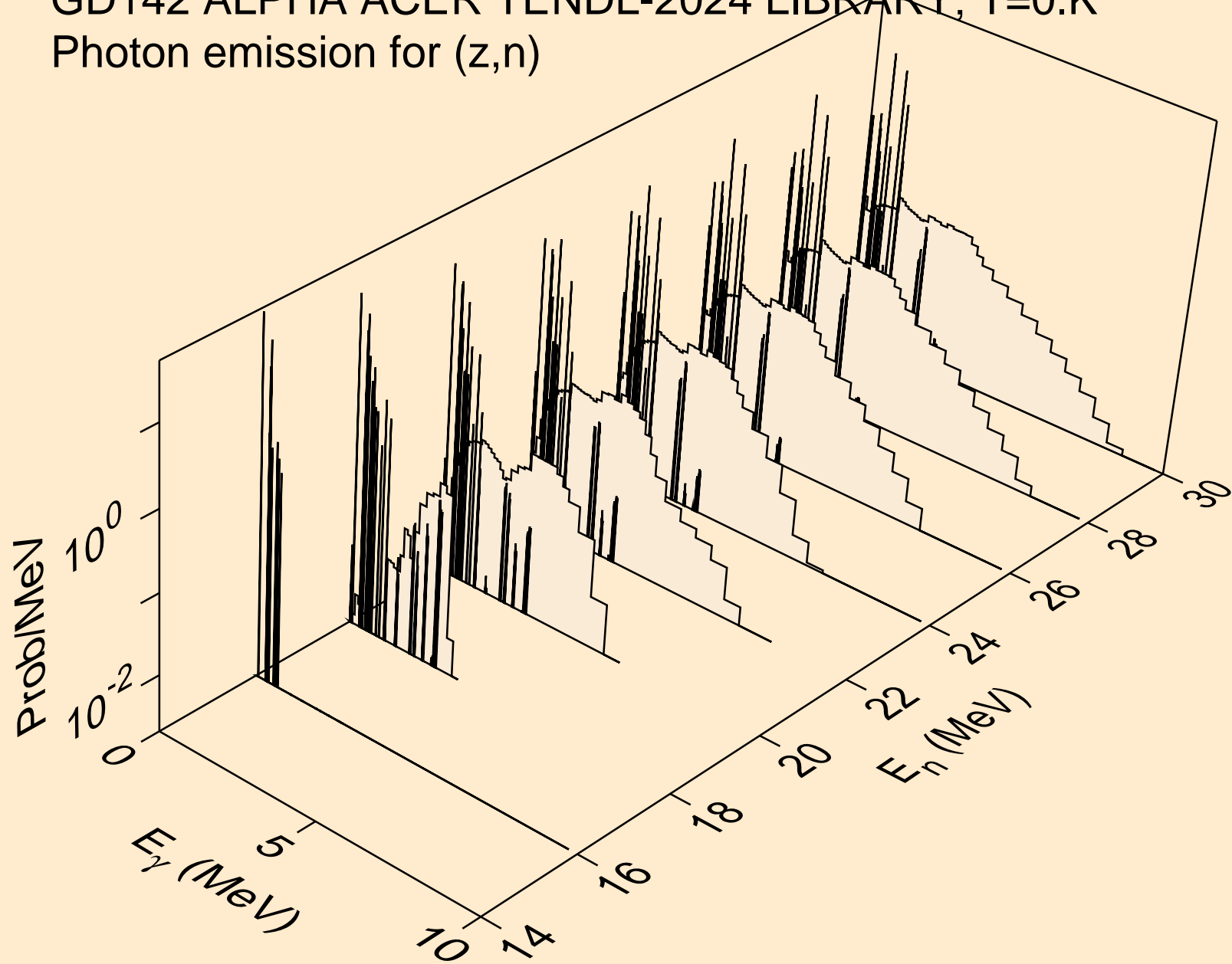
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



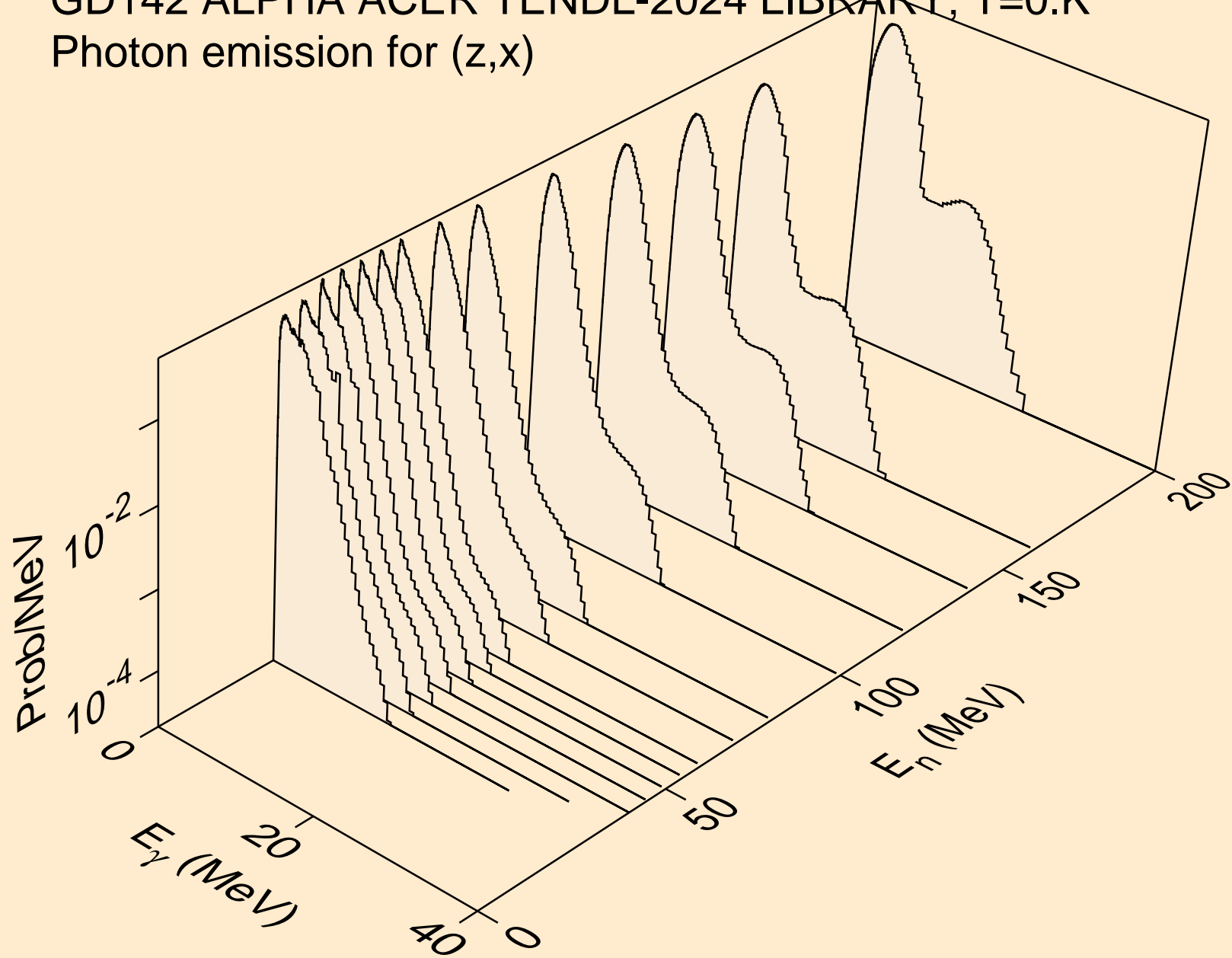
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



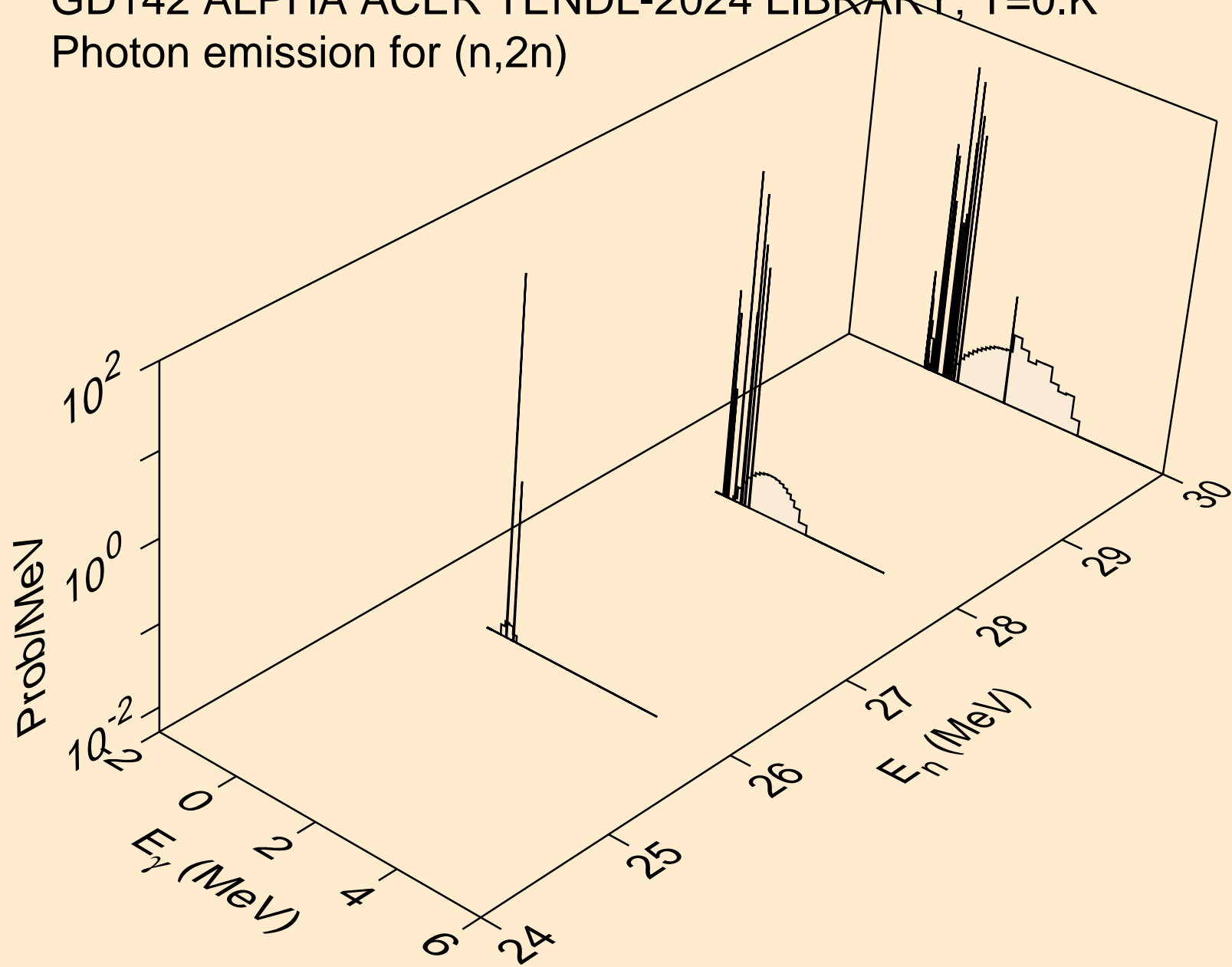
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Photon emission for (z,n)



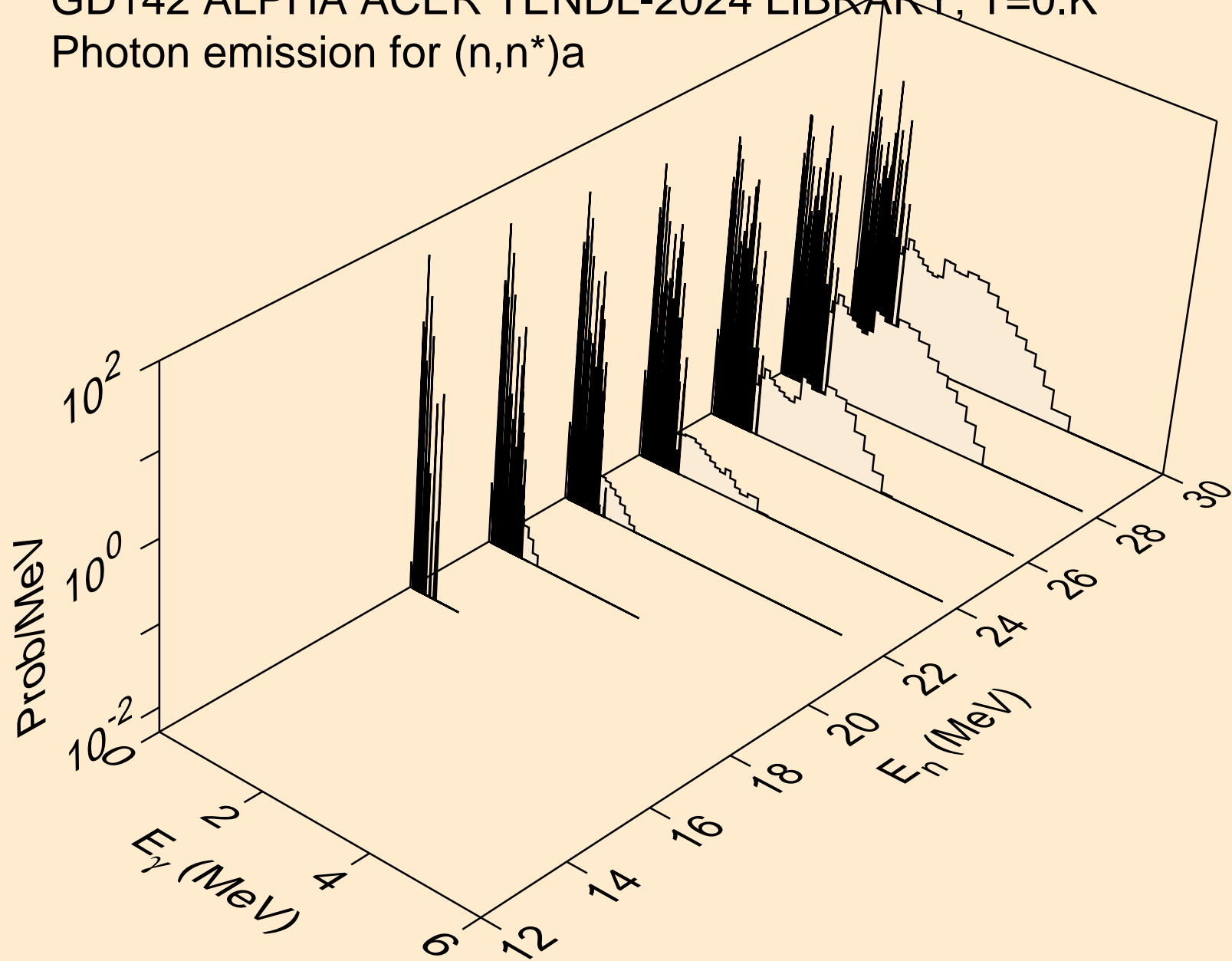
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



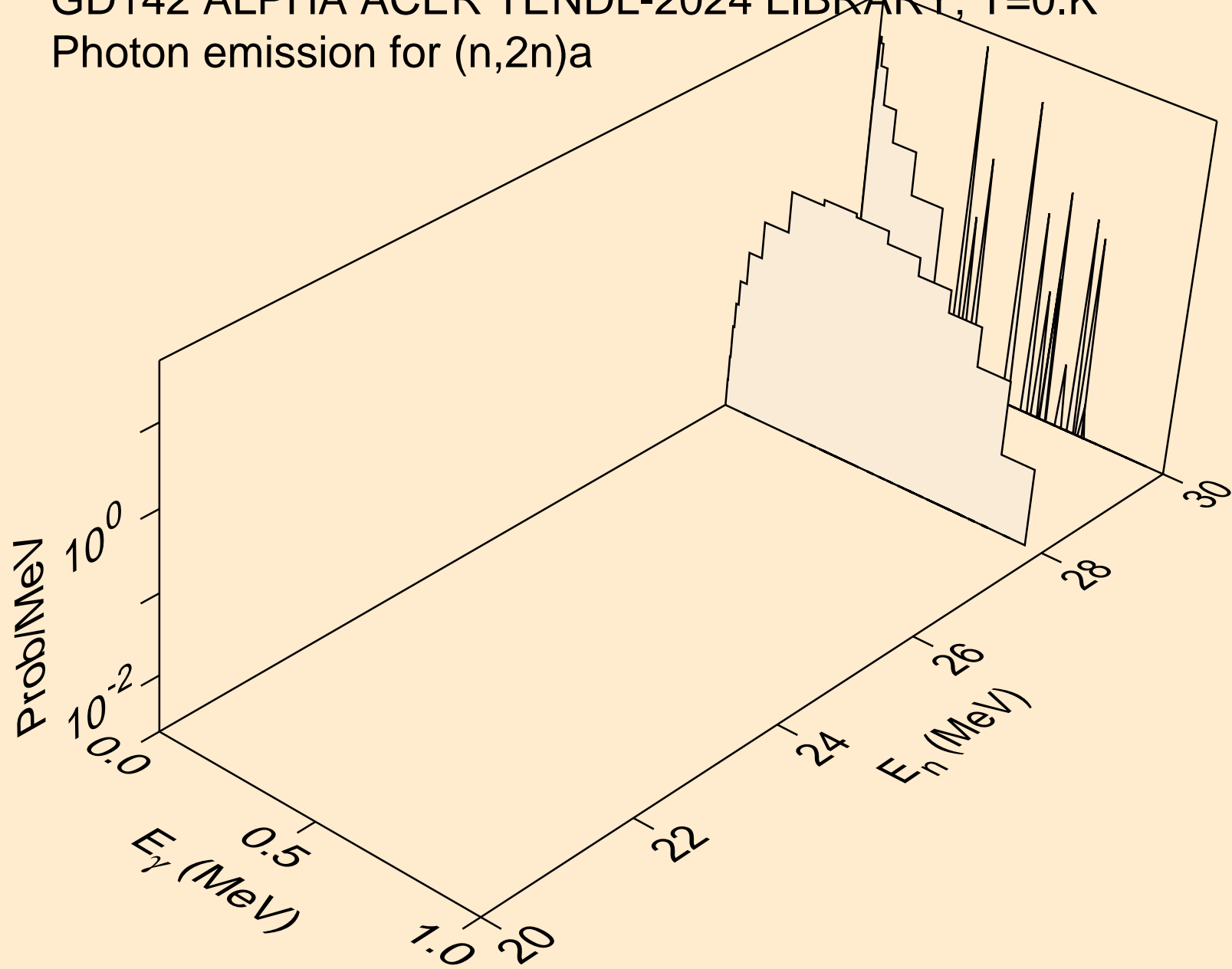
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



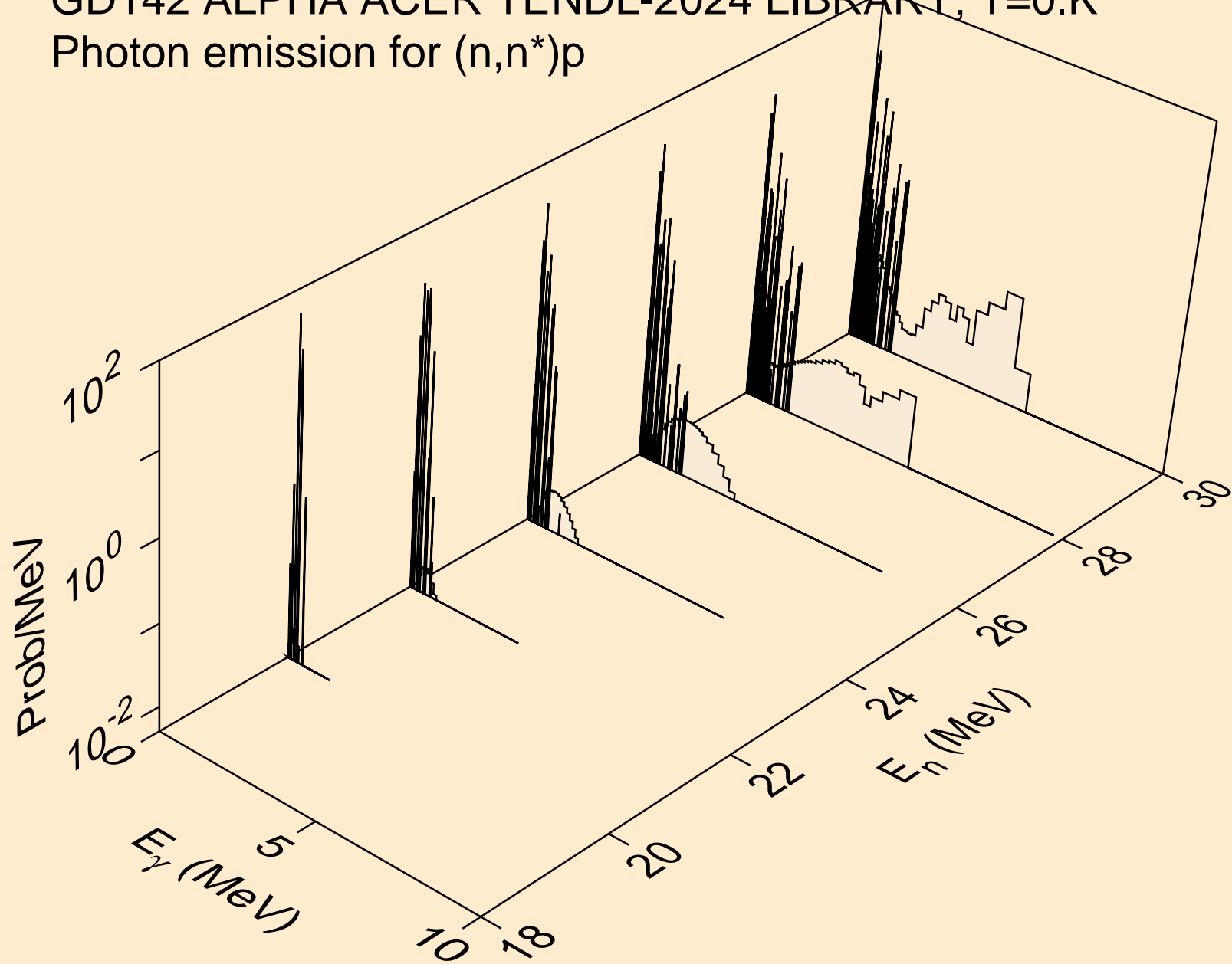
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



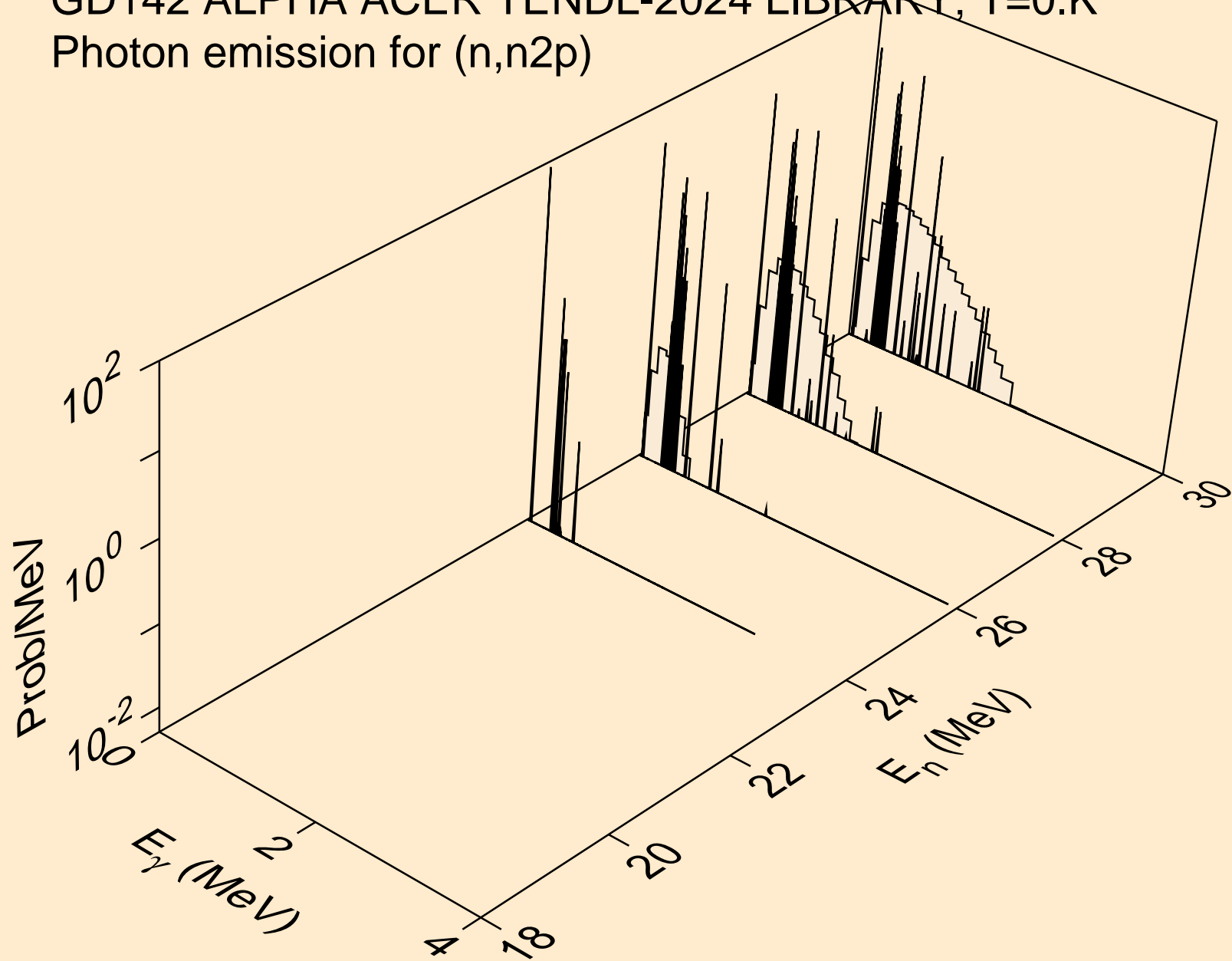
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



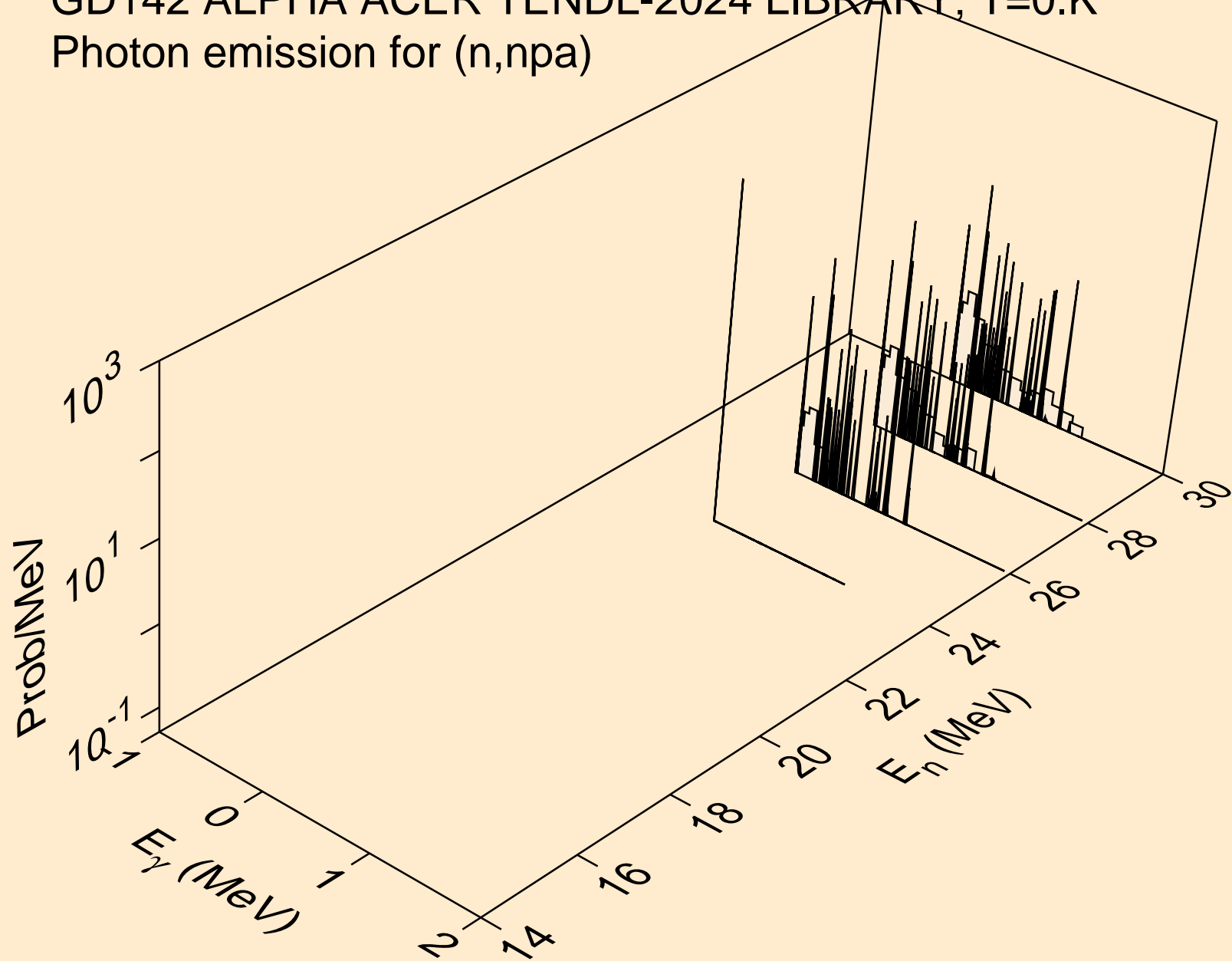
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



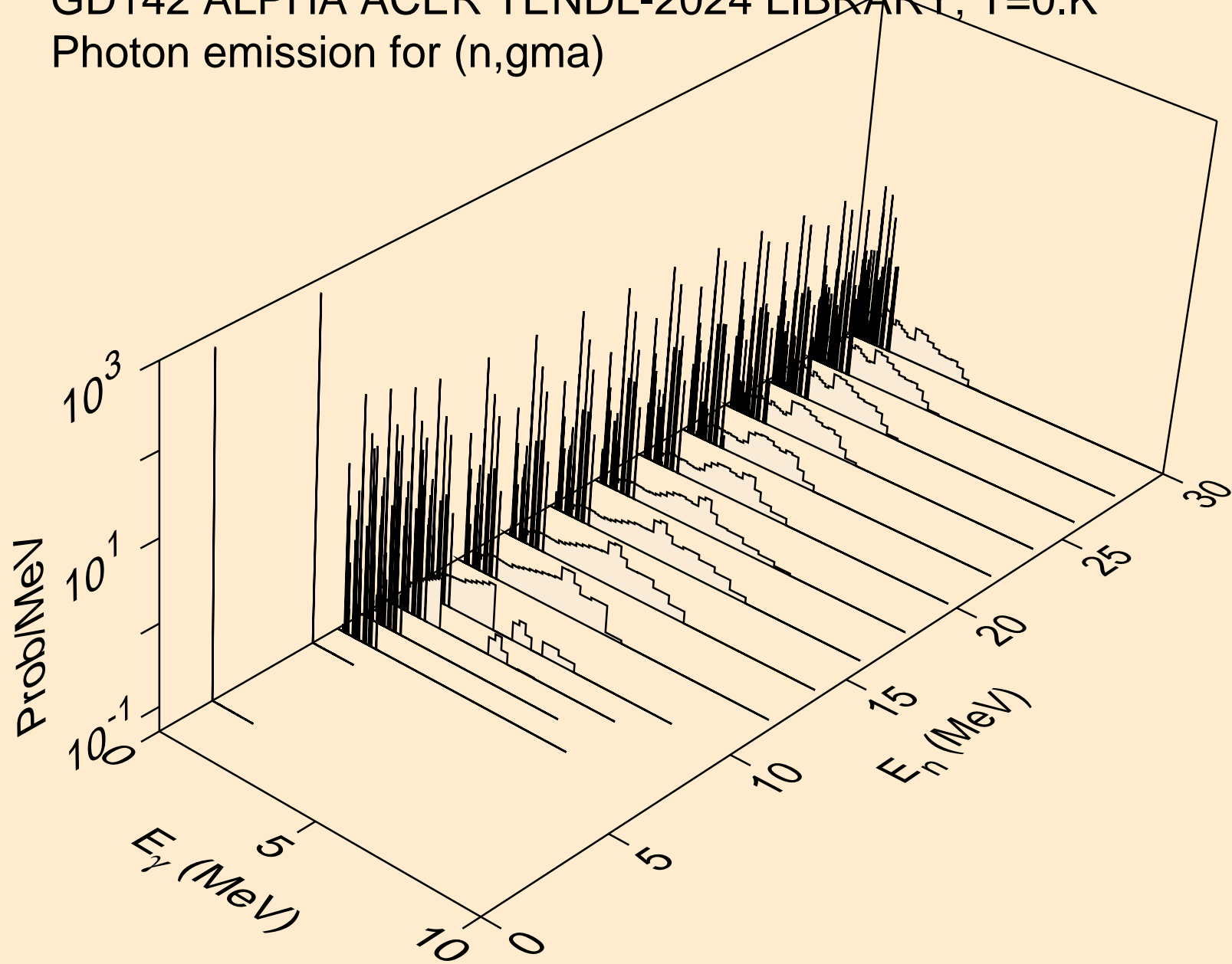
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Photon emission for (n,n2p)



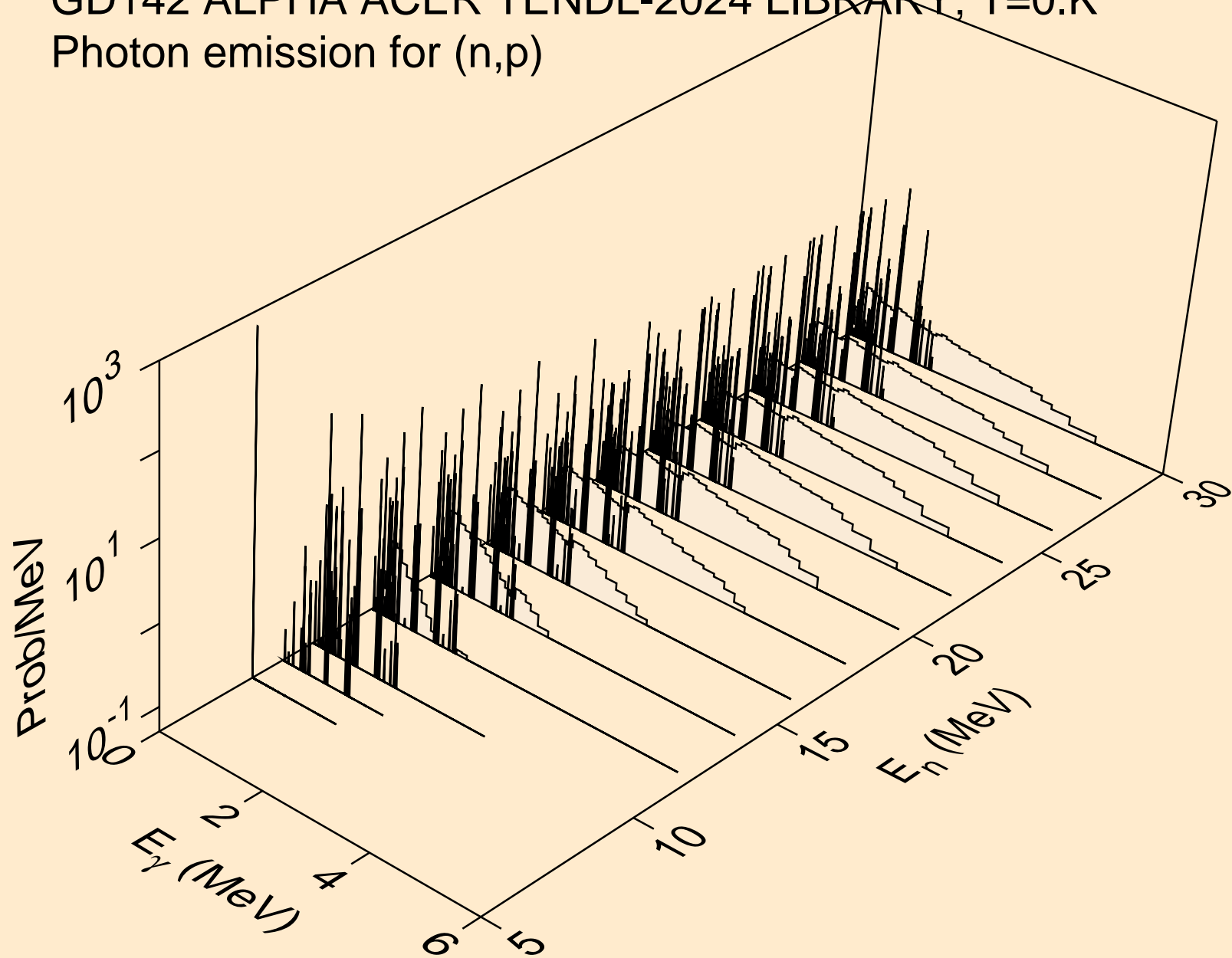
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



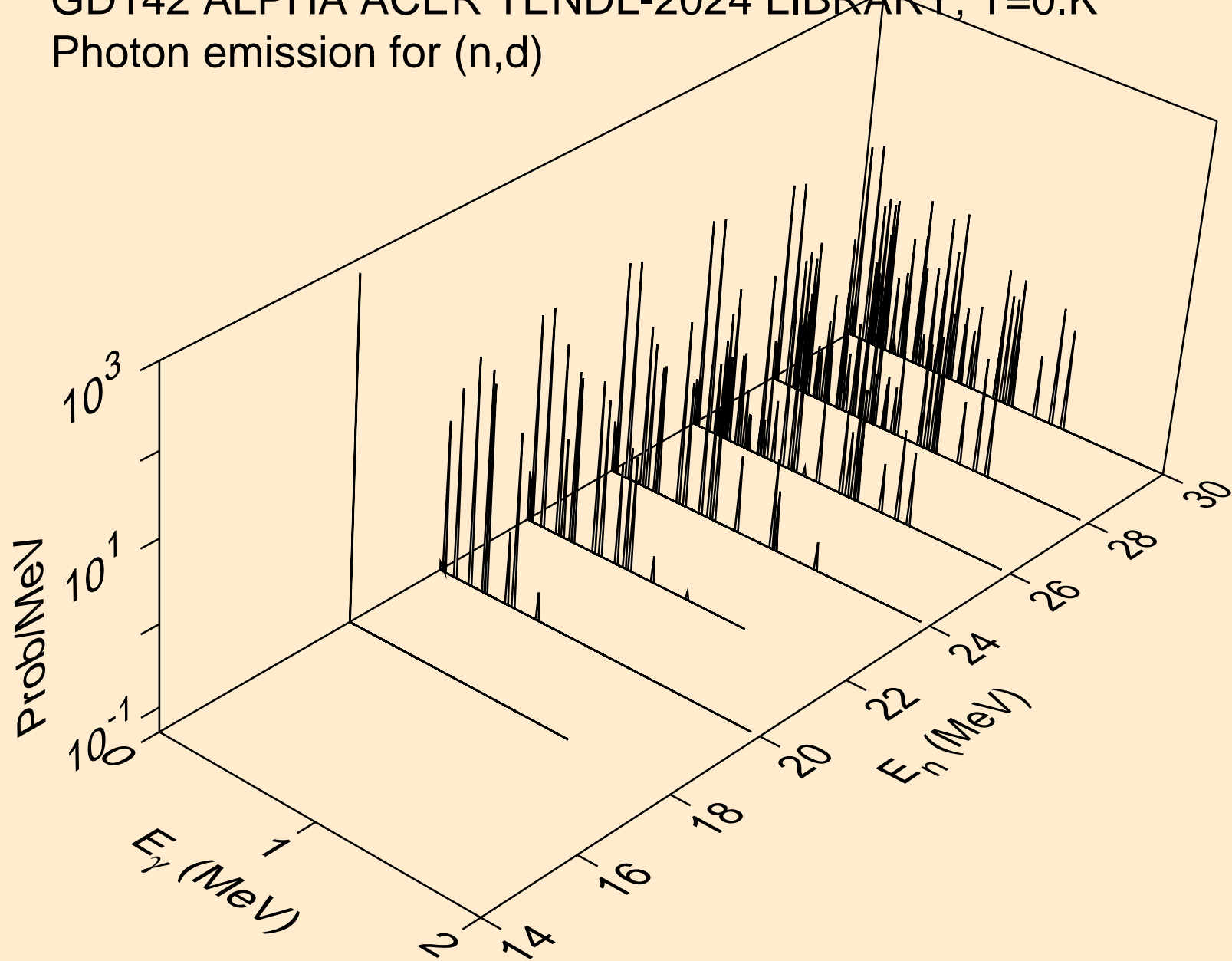
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Photon emission for (n,gma)



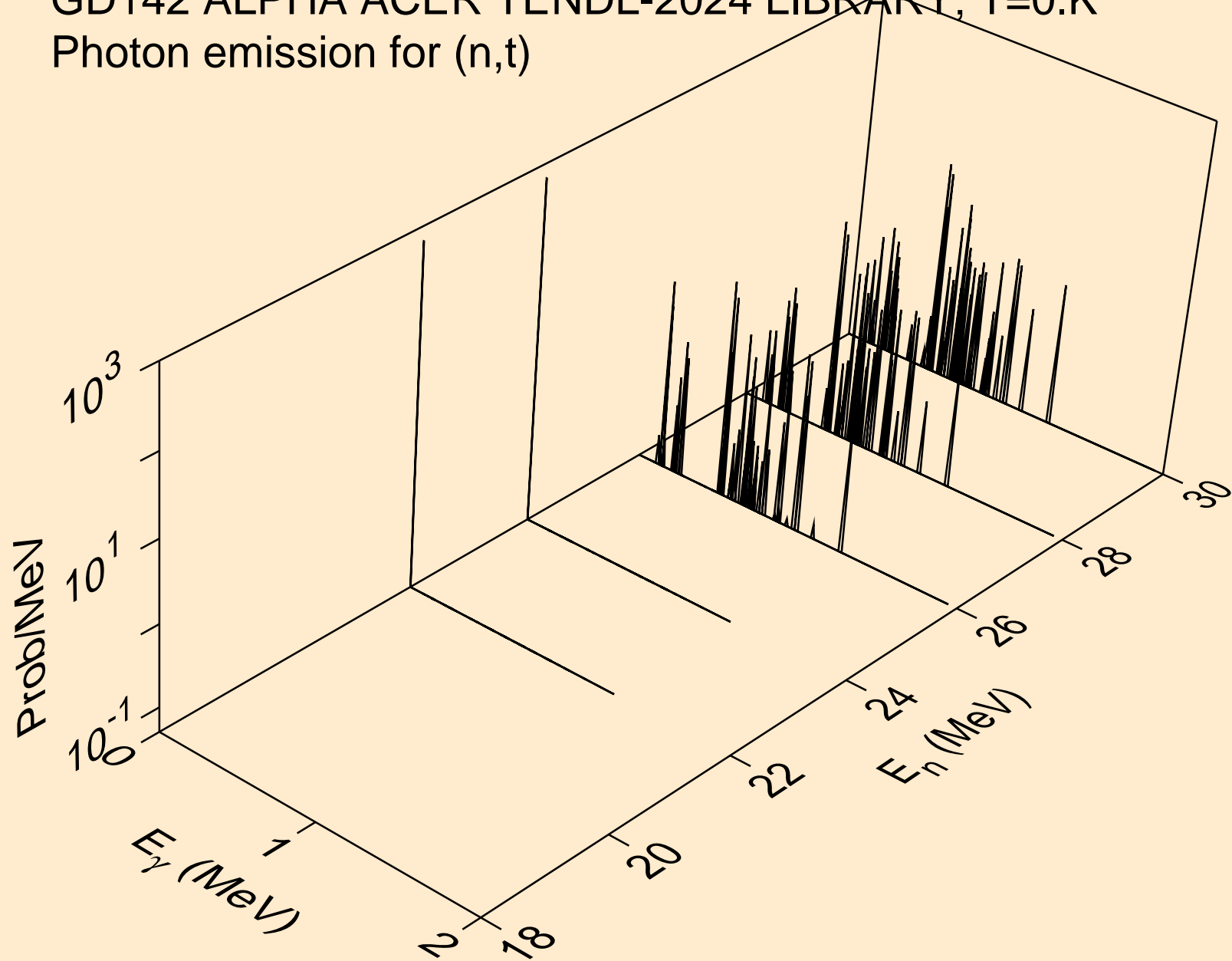
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Photon emission for (n,p)



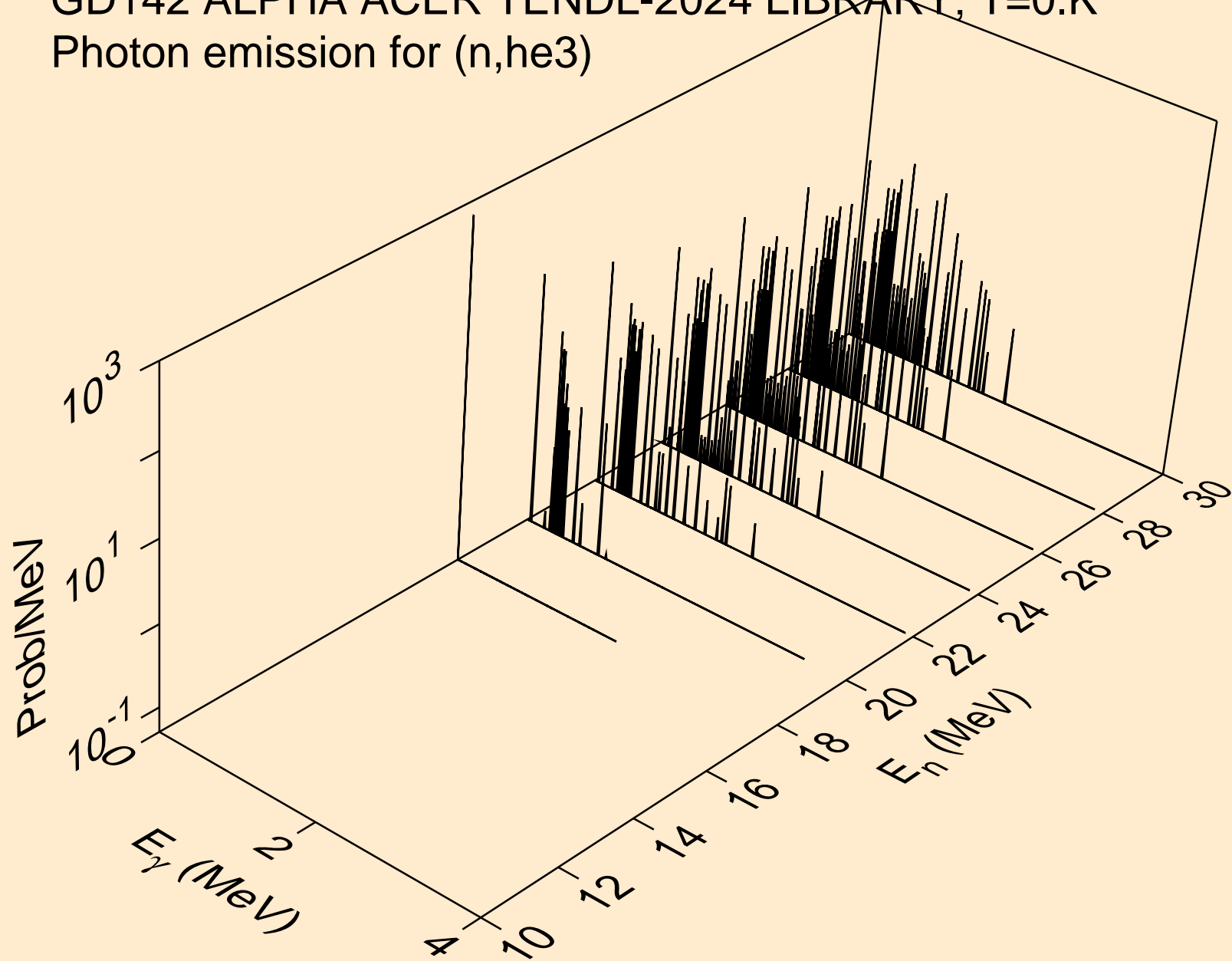
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Photon emission for (n,d)



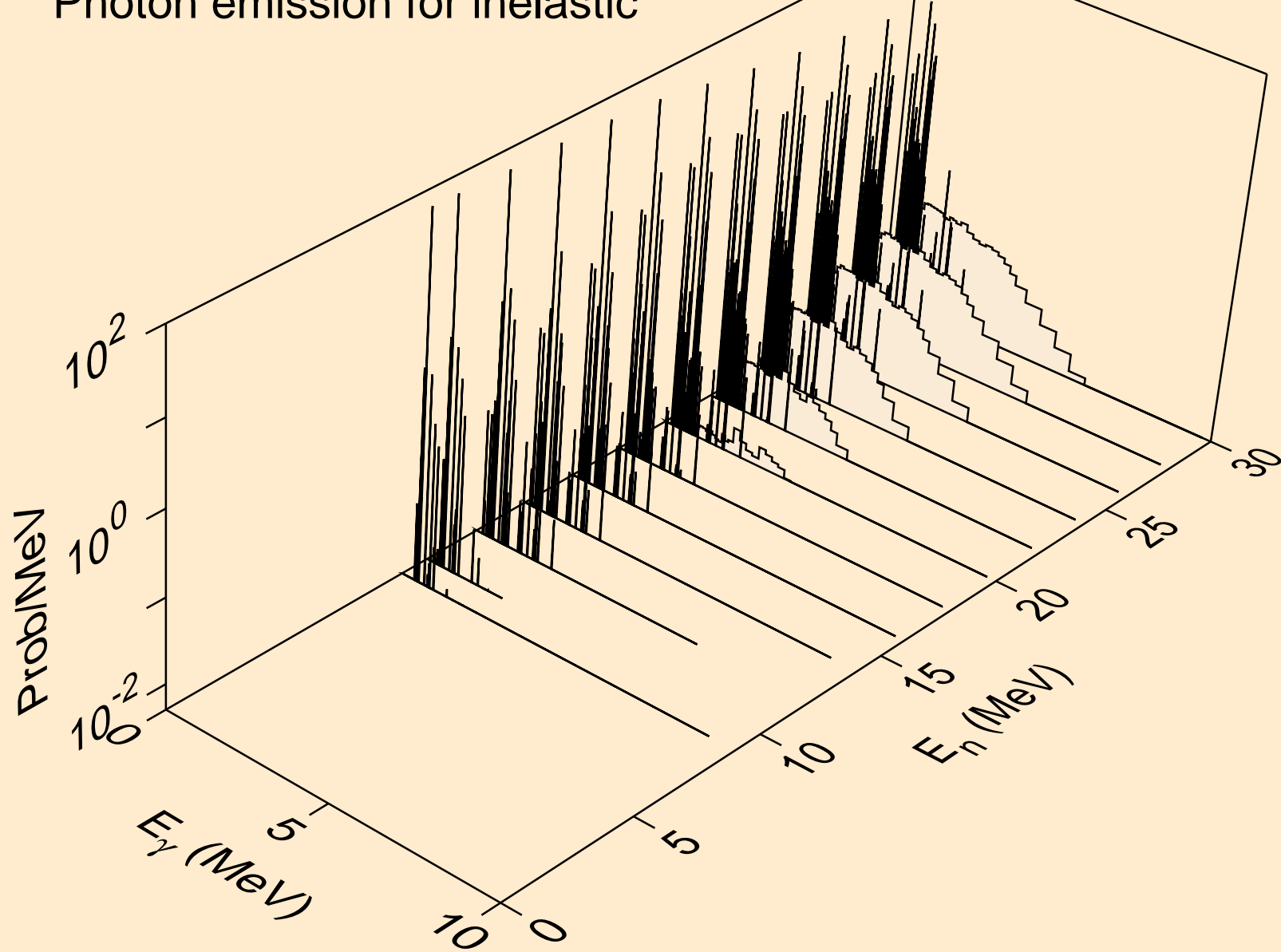
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Photon emission for (n,t)



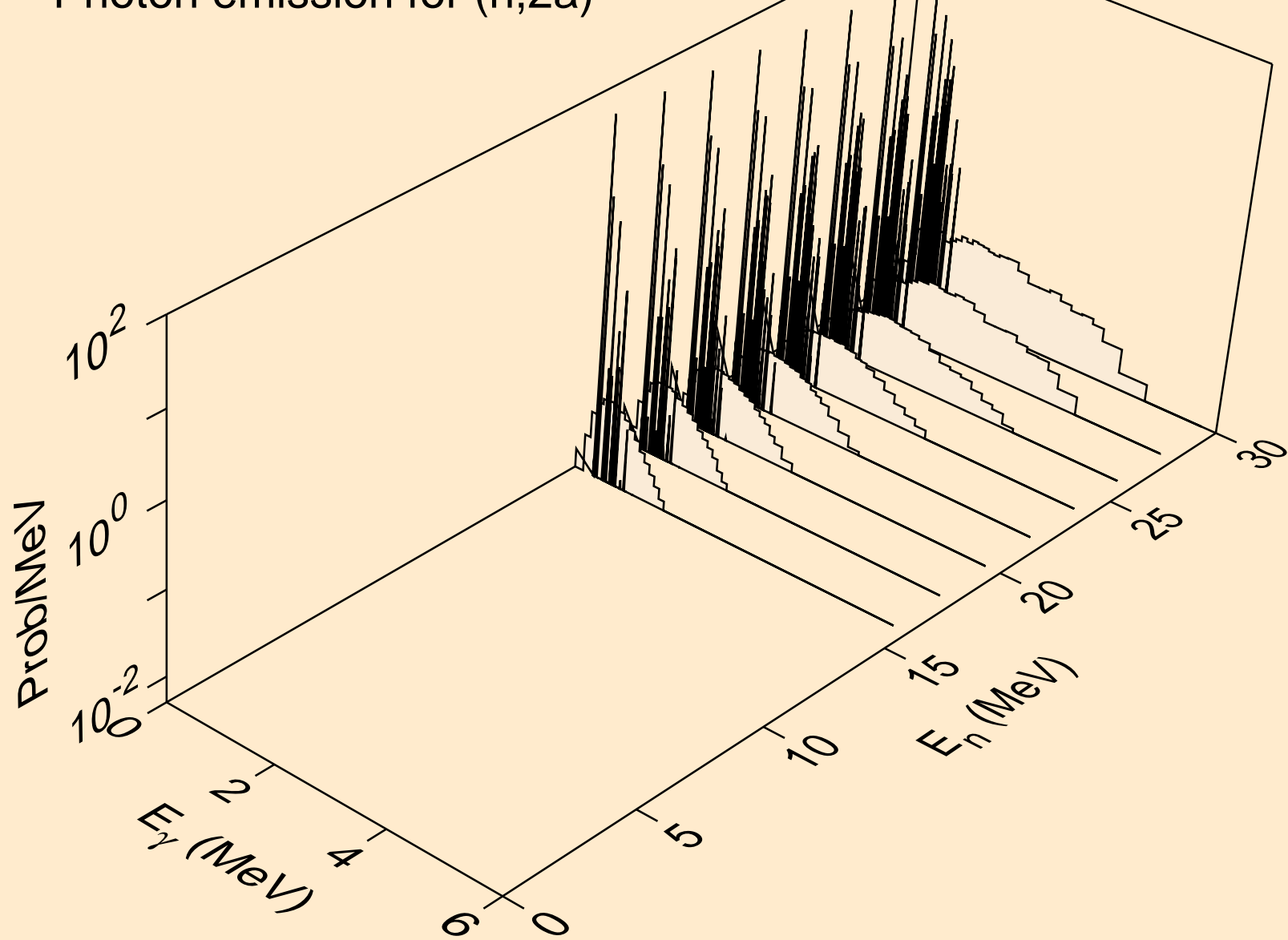
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Photon emission for (n,he3)



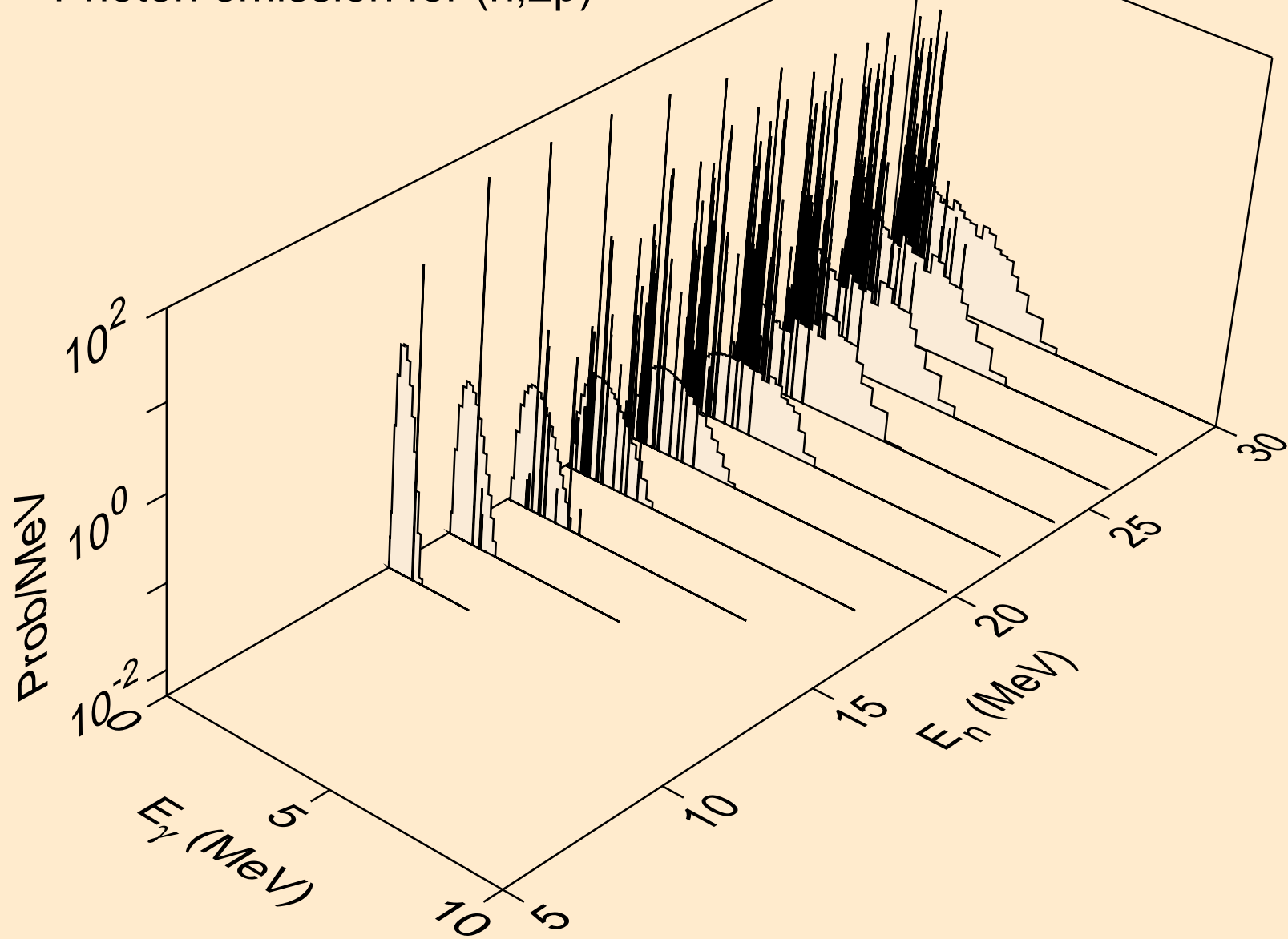
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



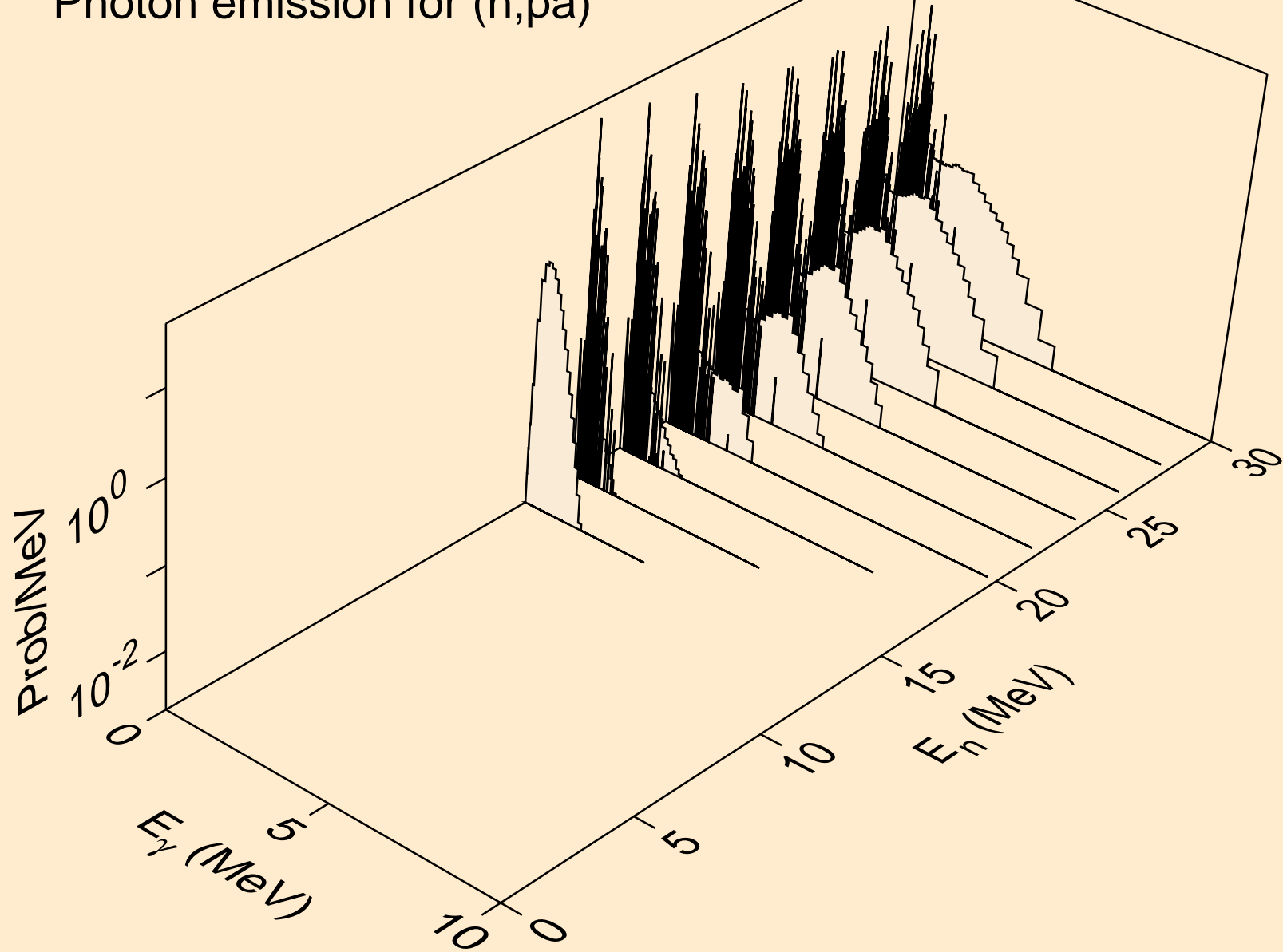
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Photon emission for (n,2a)



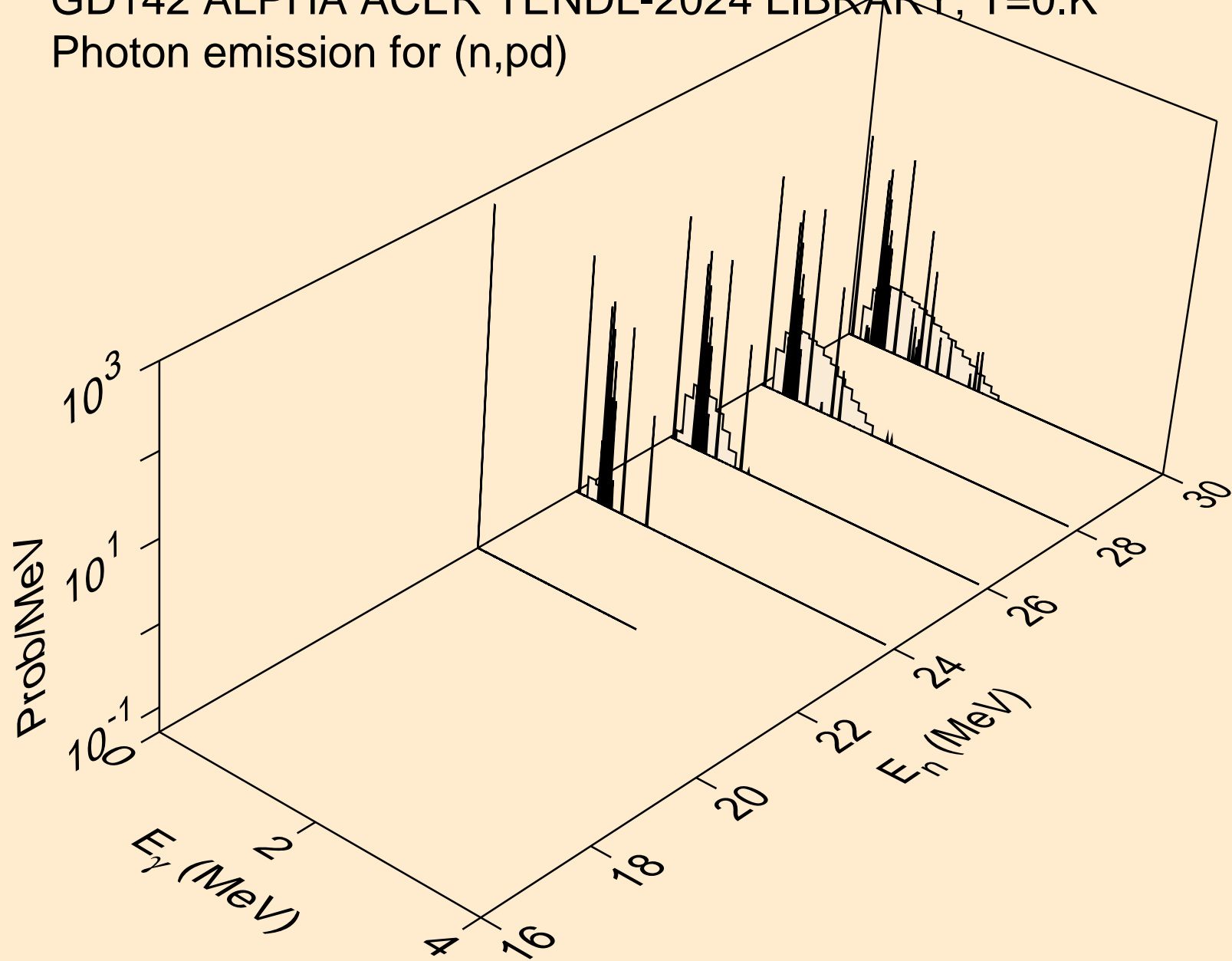
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Photon emission for (n,2p)



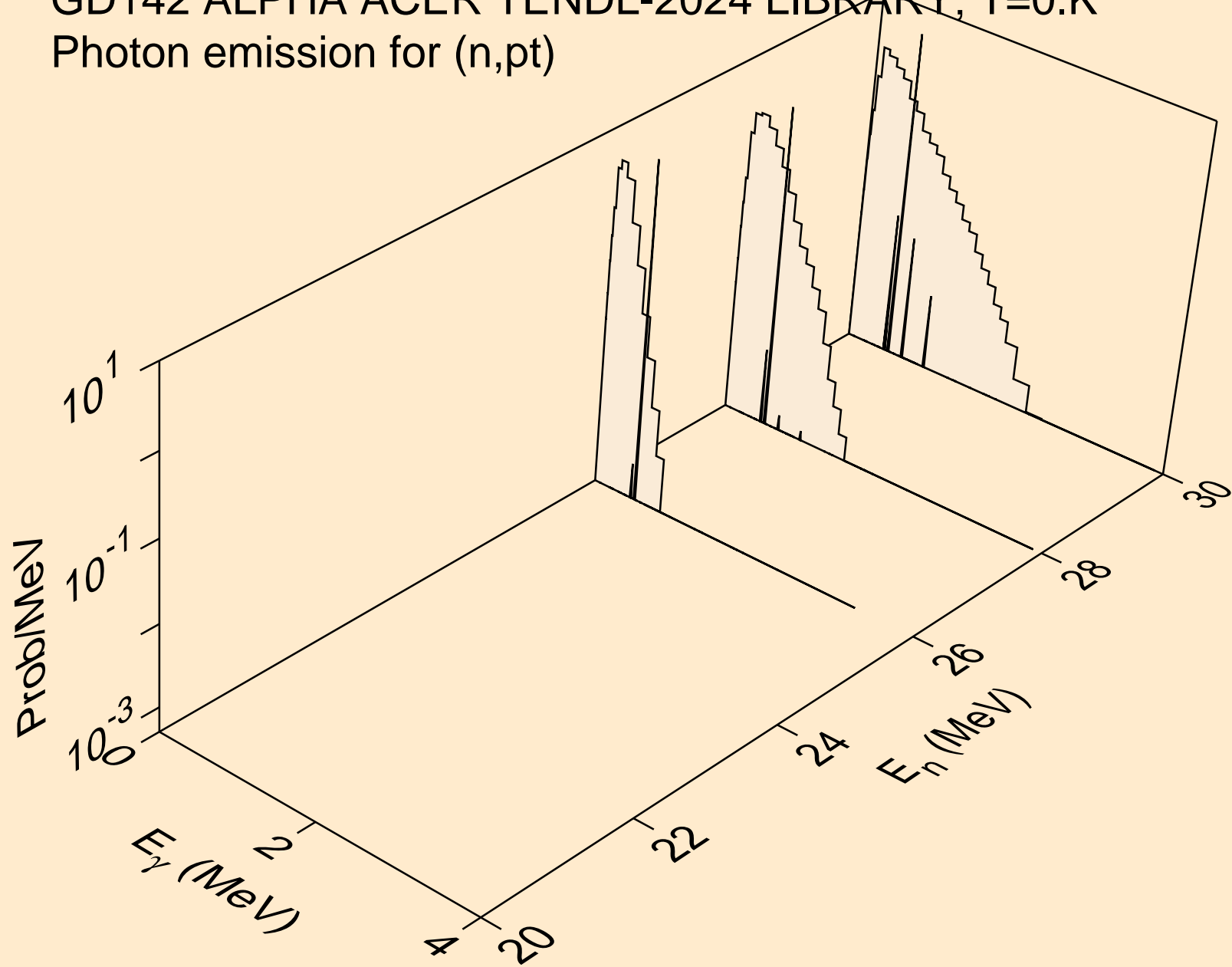
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

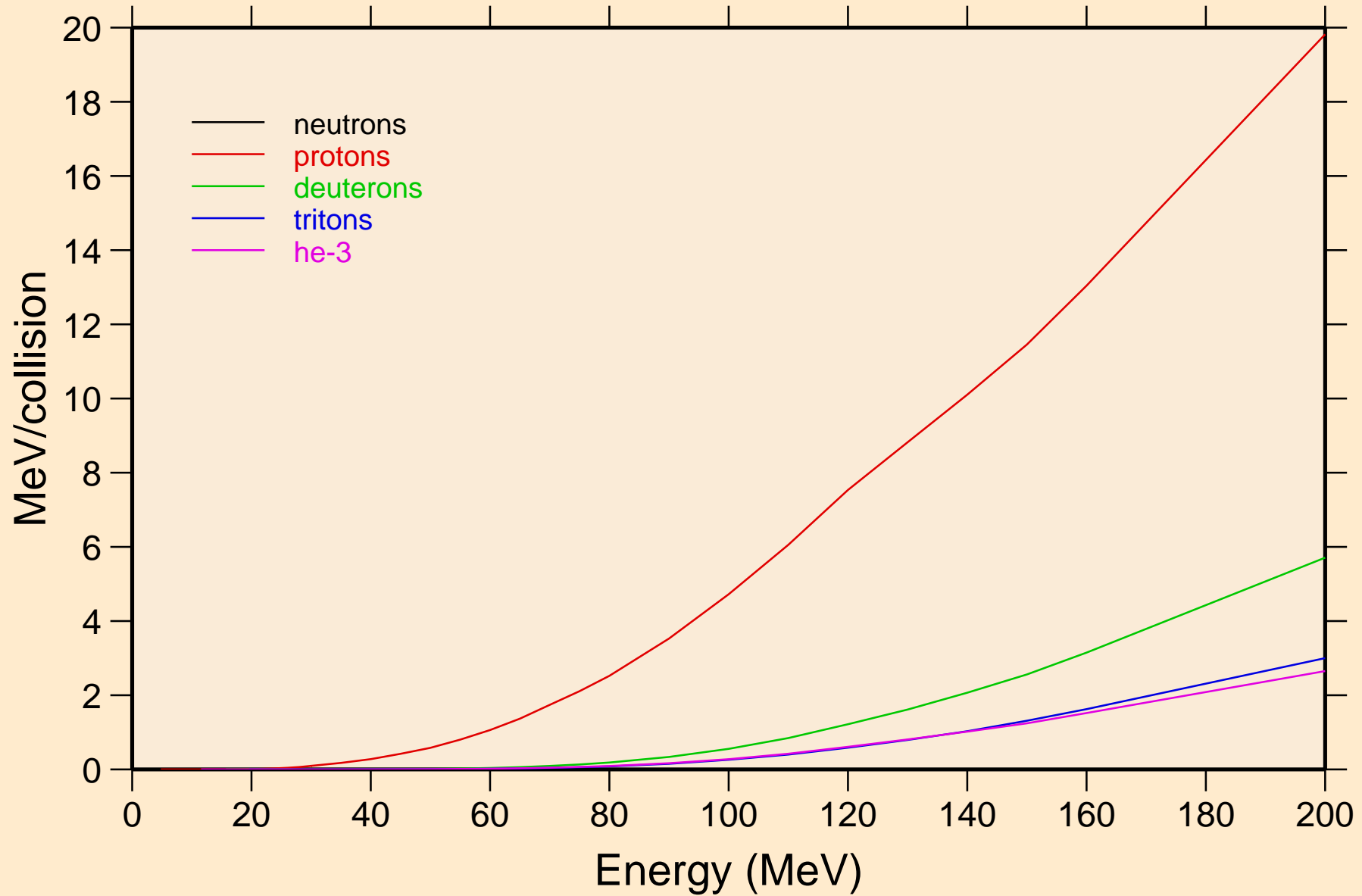


GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



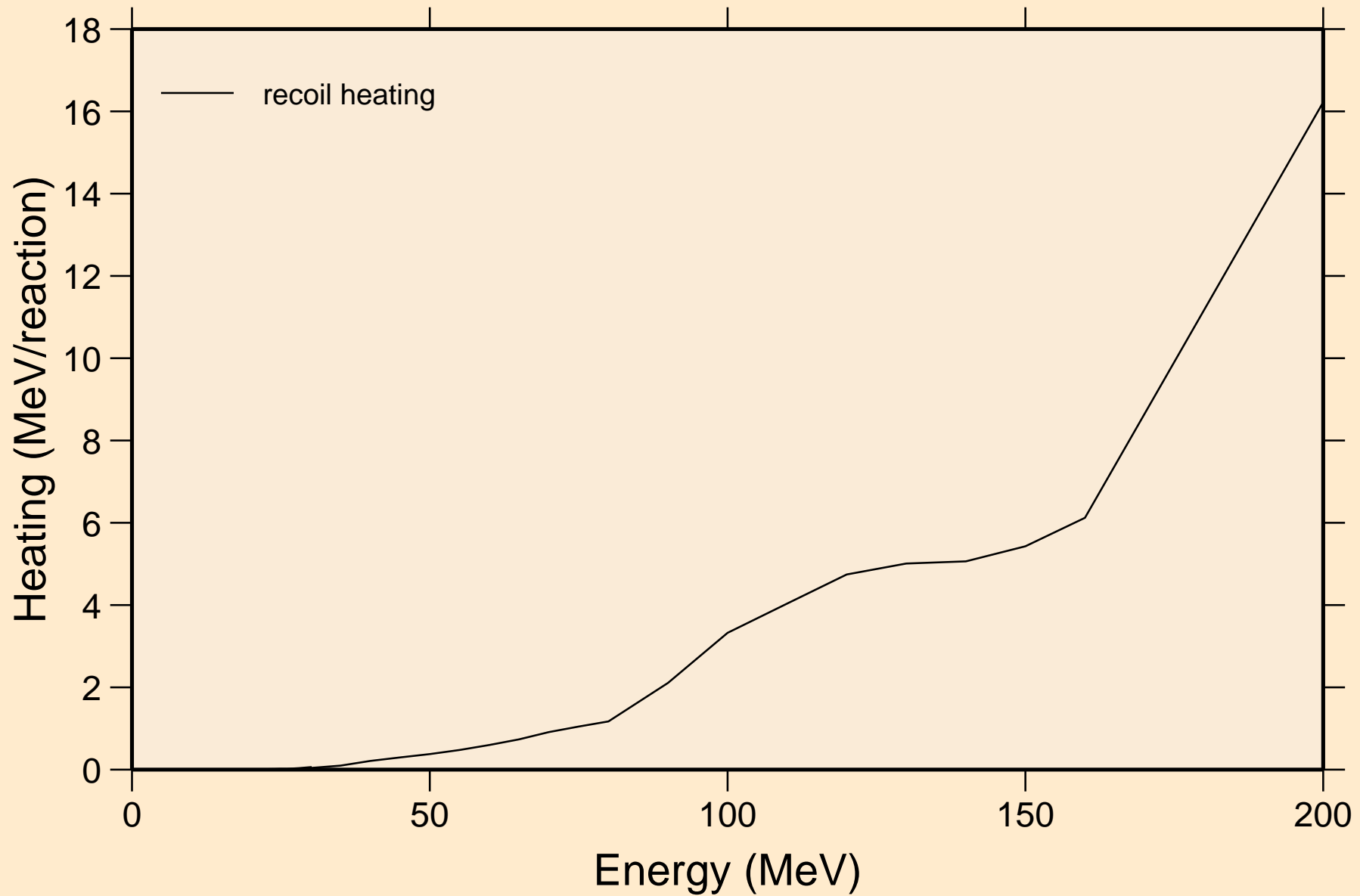
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## Particle heating contributions

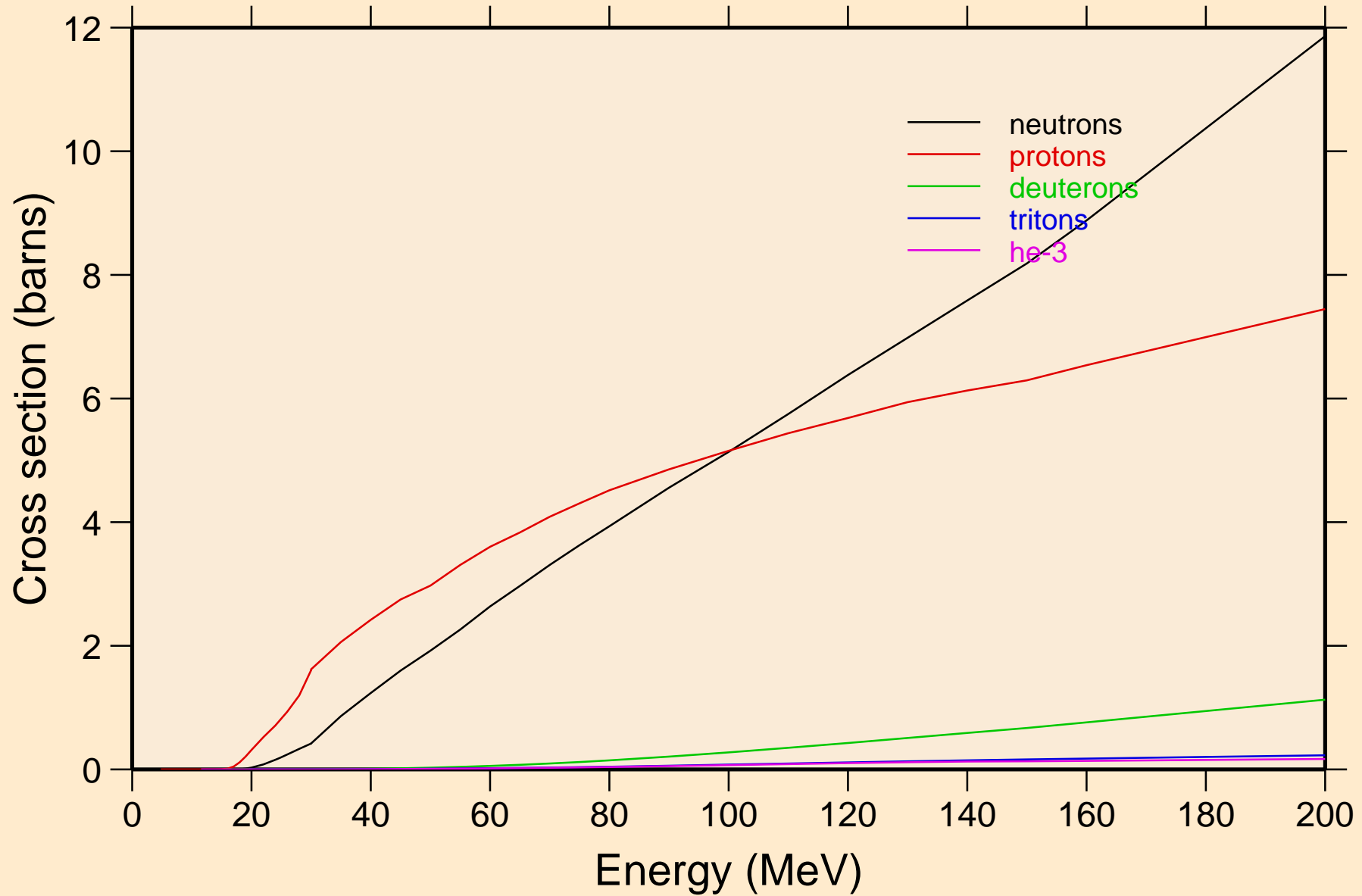


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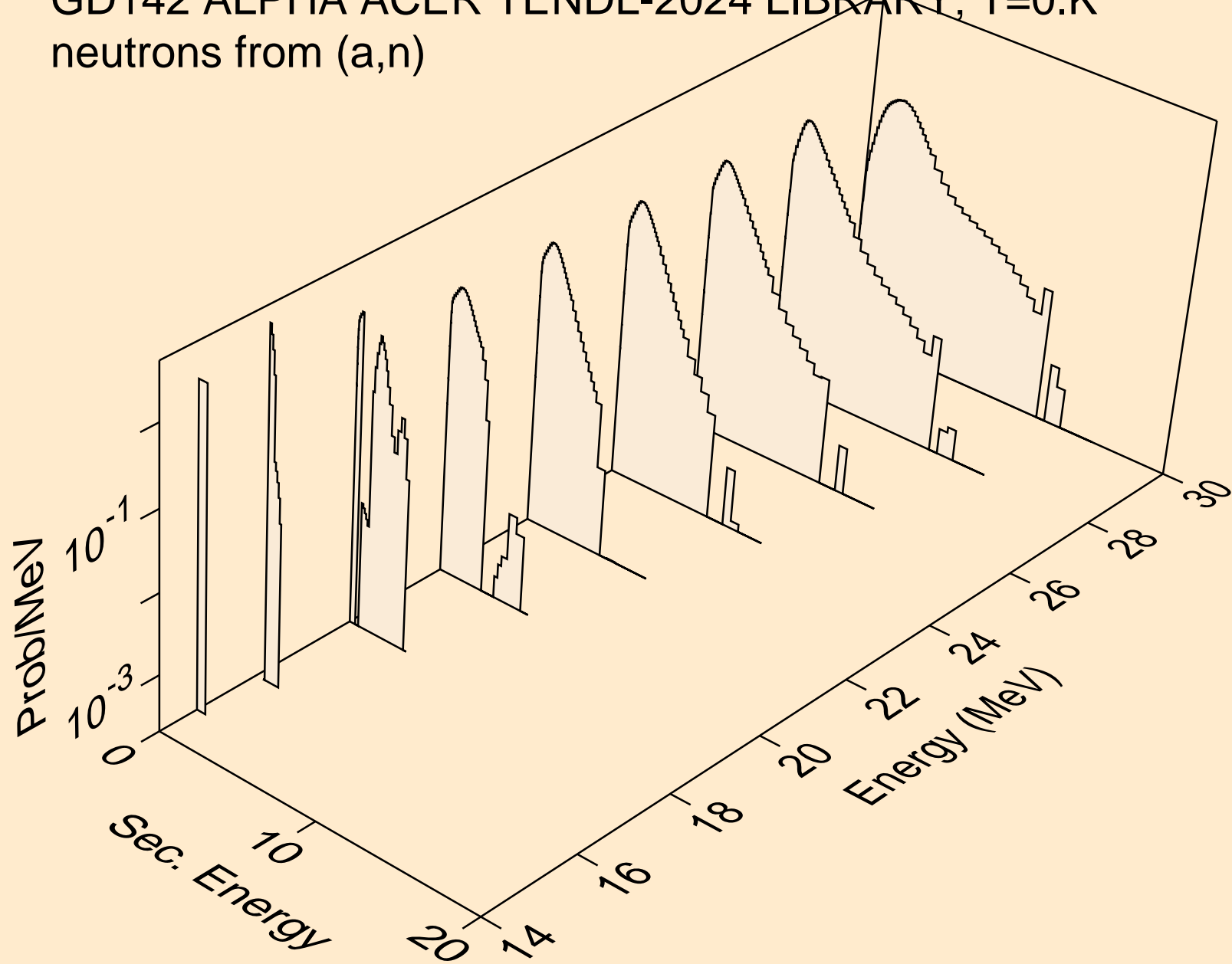
### Recoil Heating



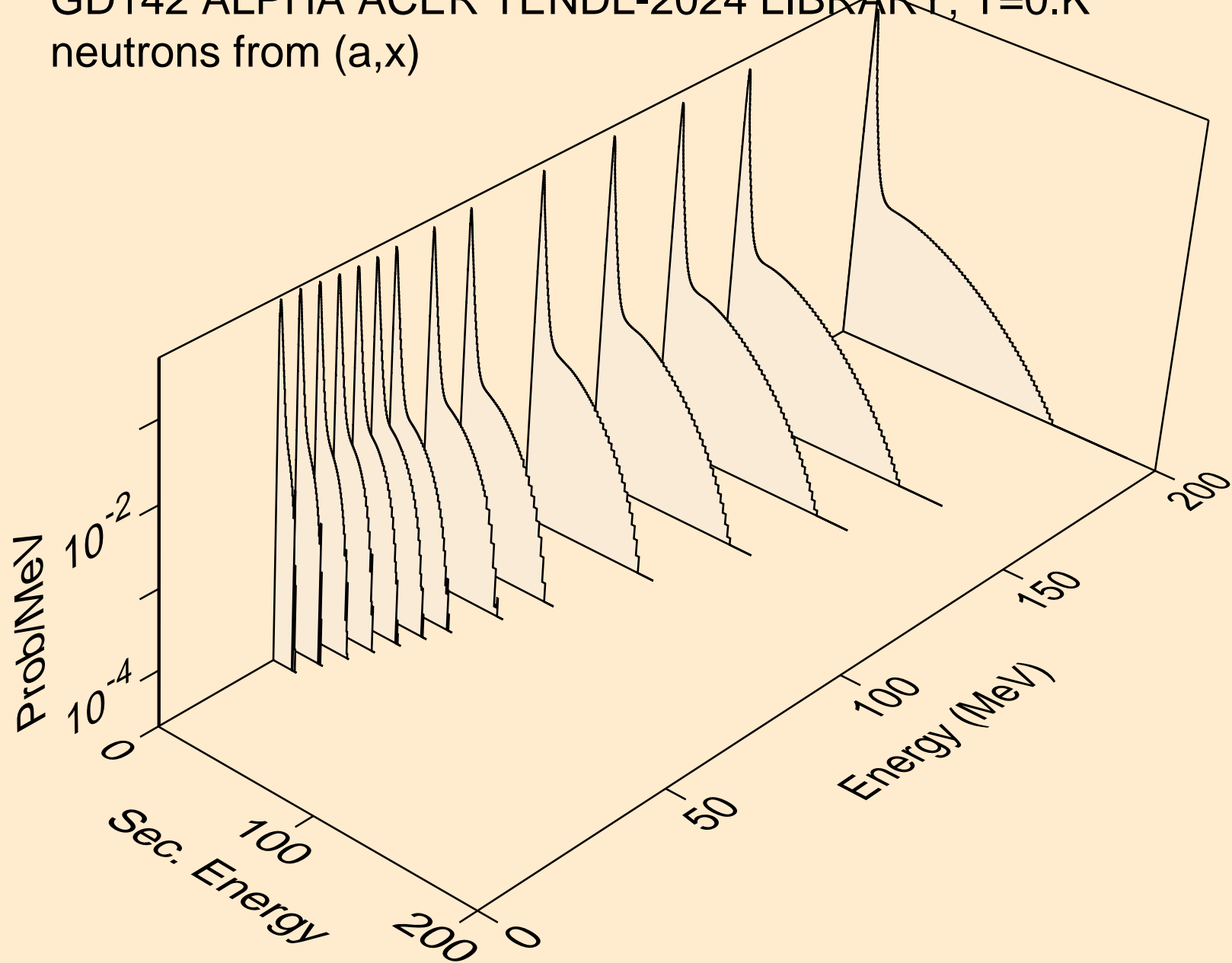
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



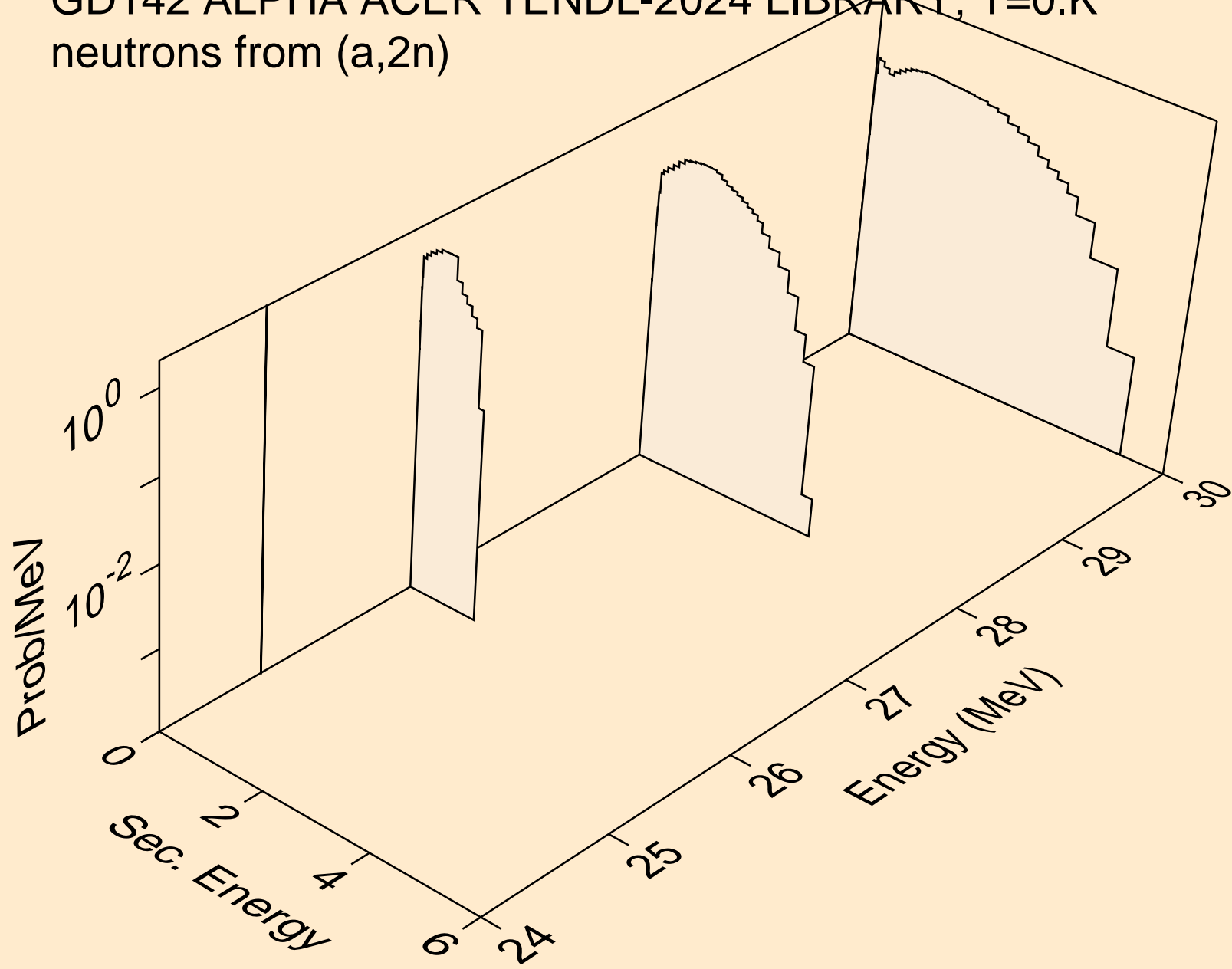
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



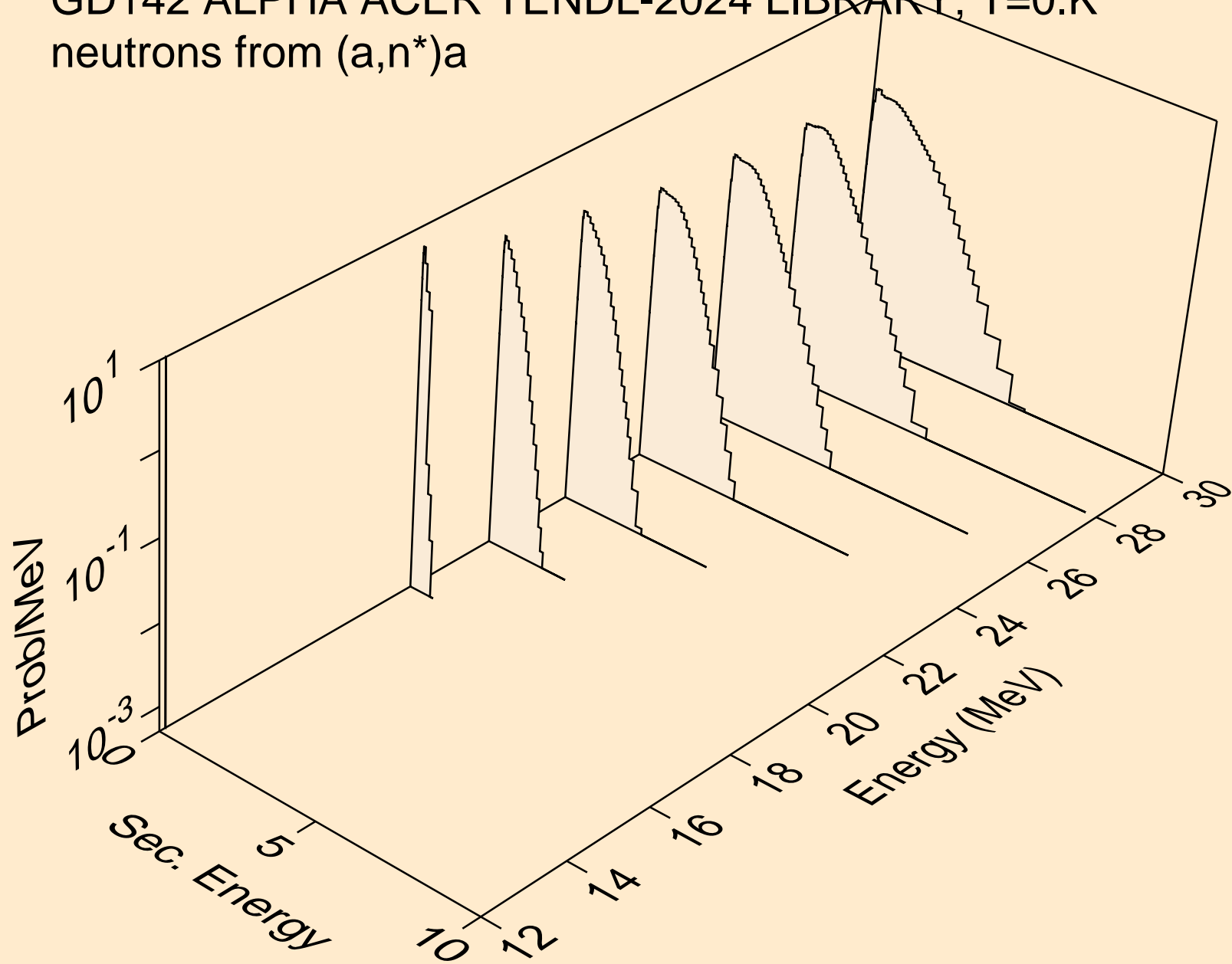
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



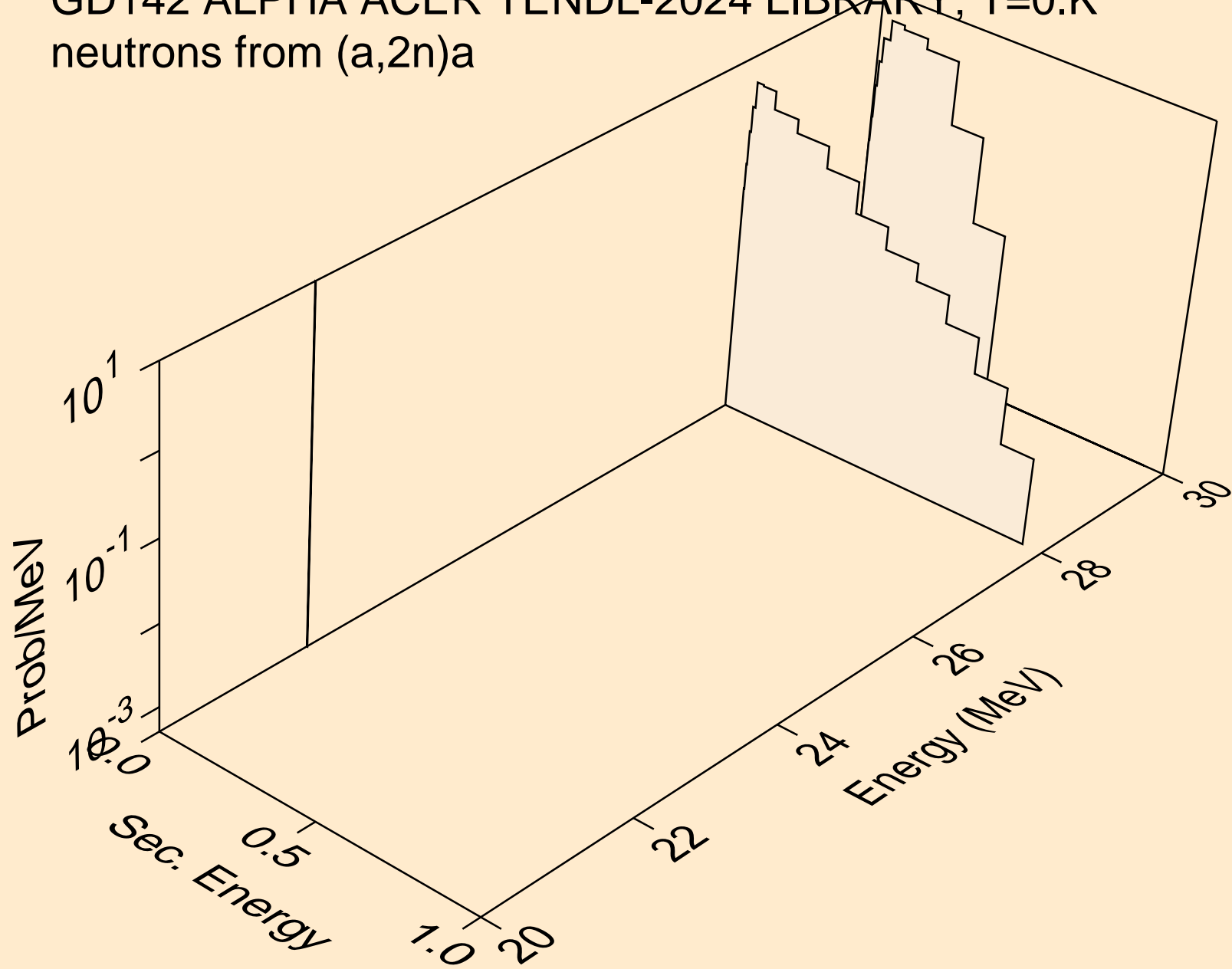
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neutrons from (a,2n)



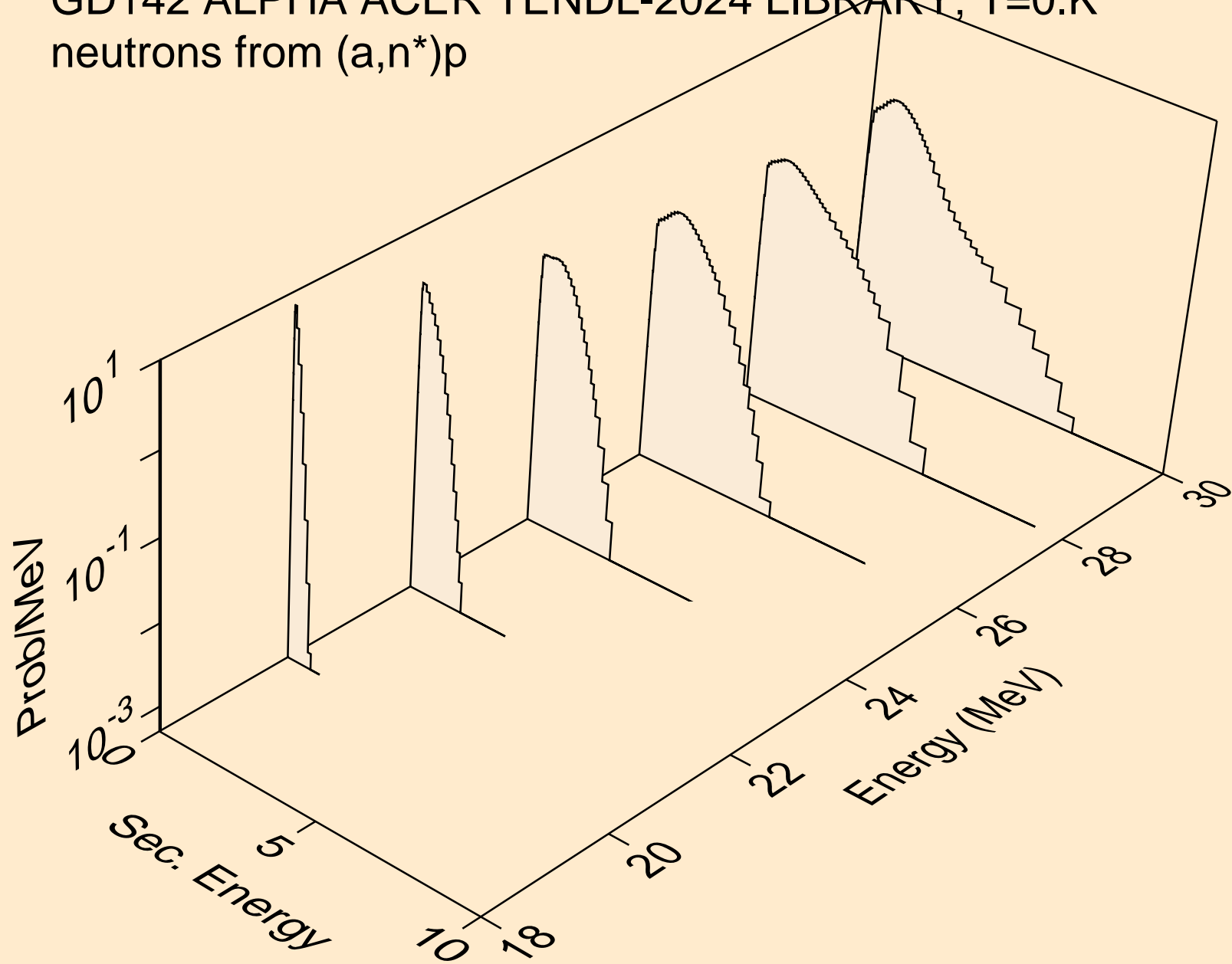
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



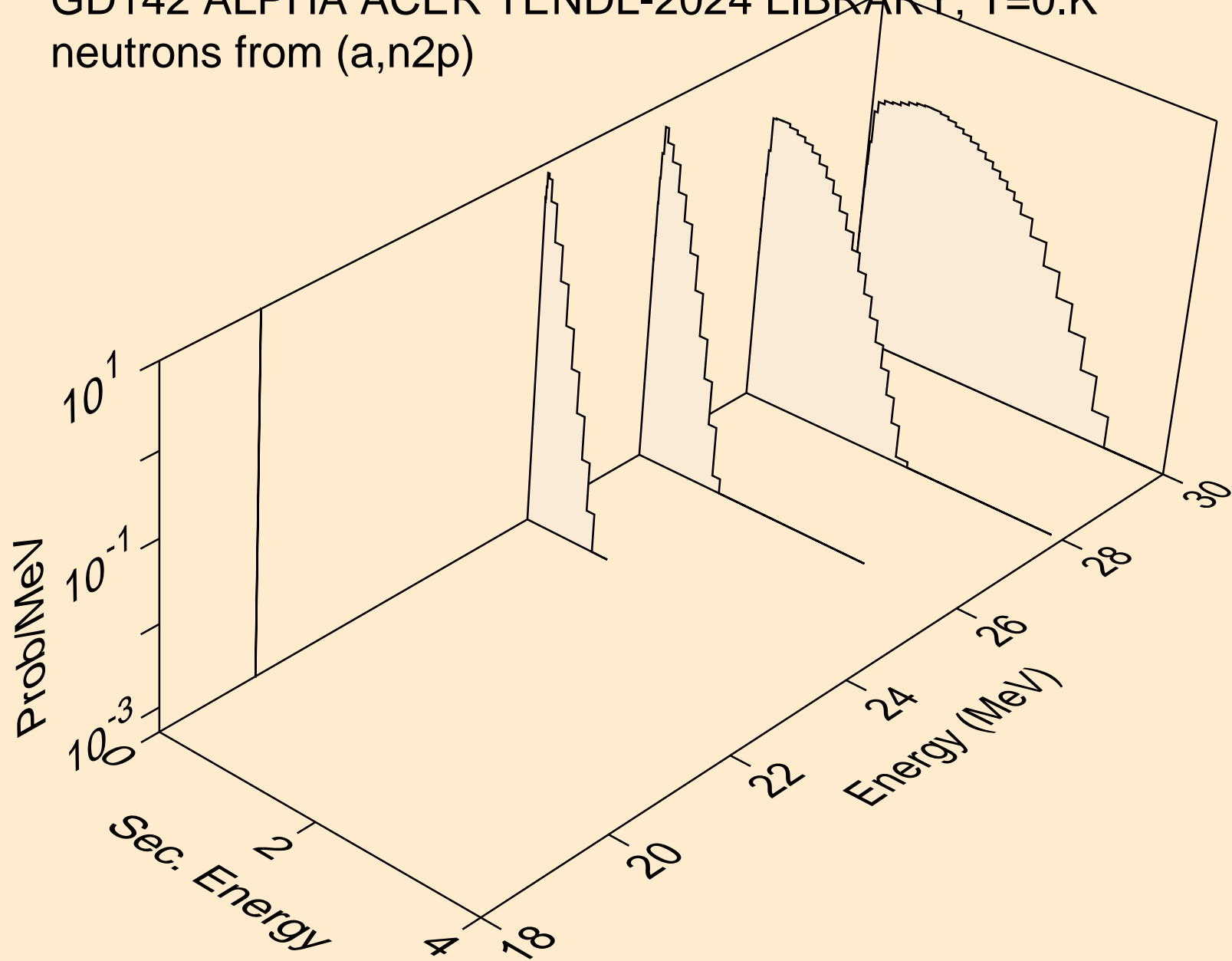
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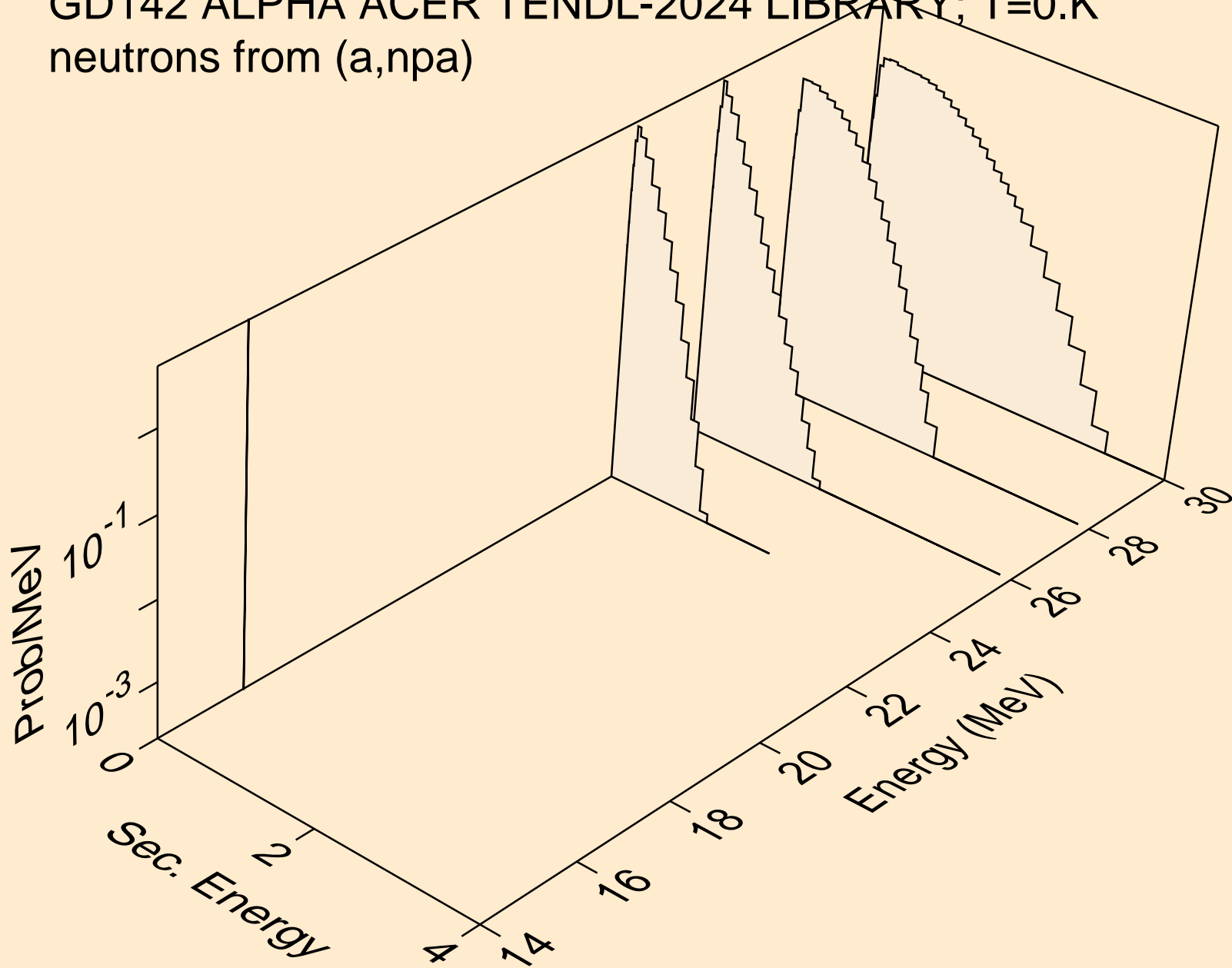
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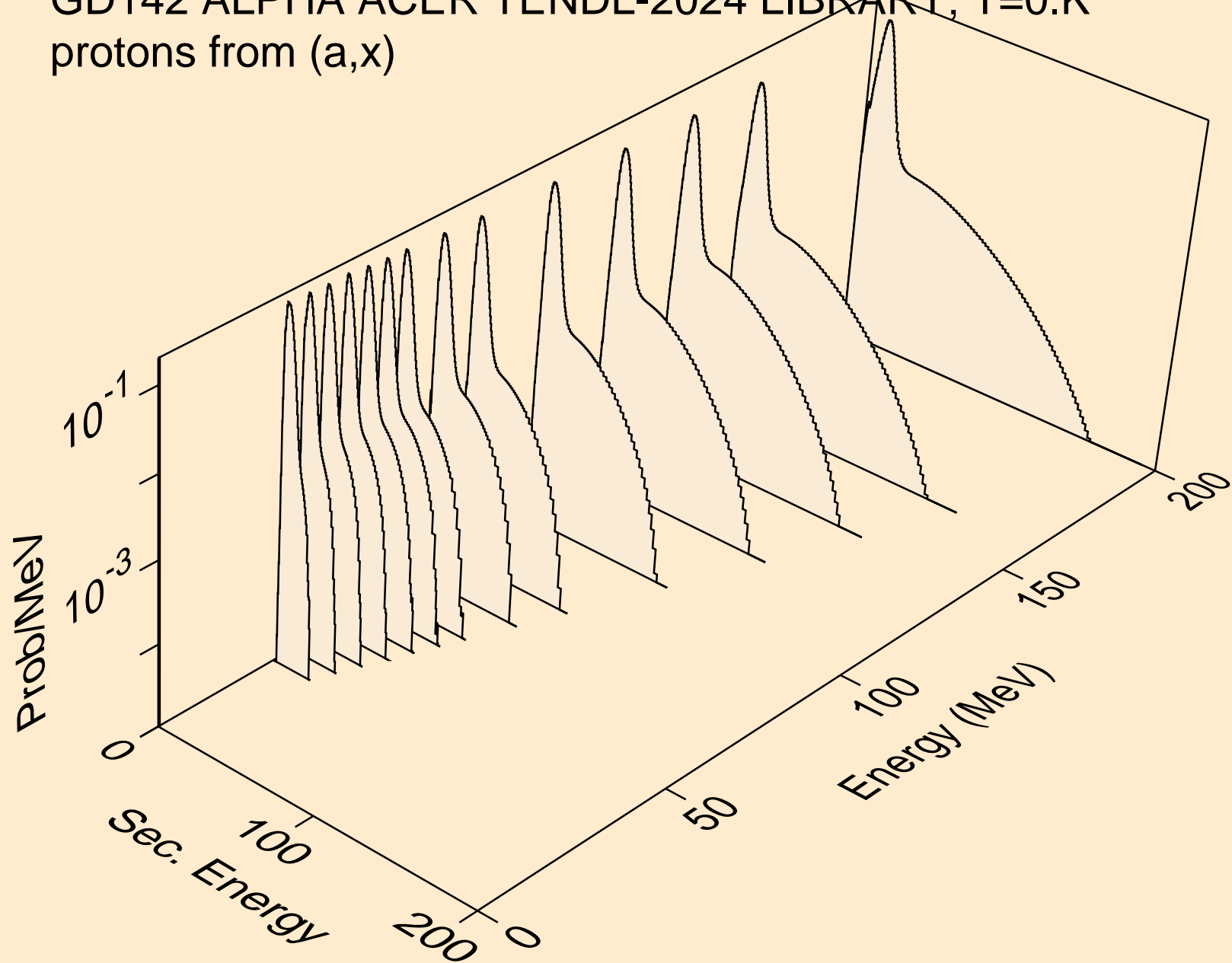
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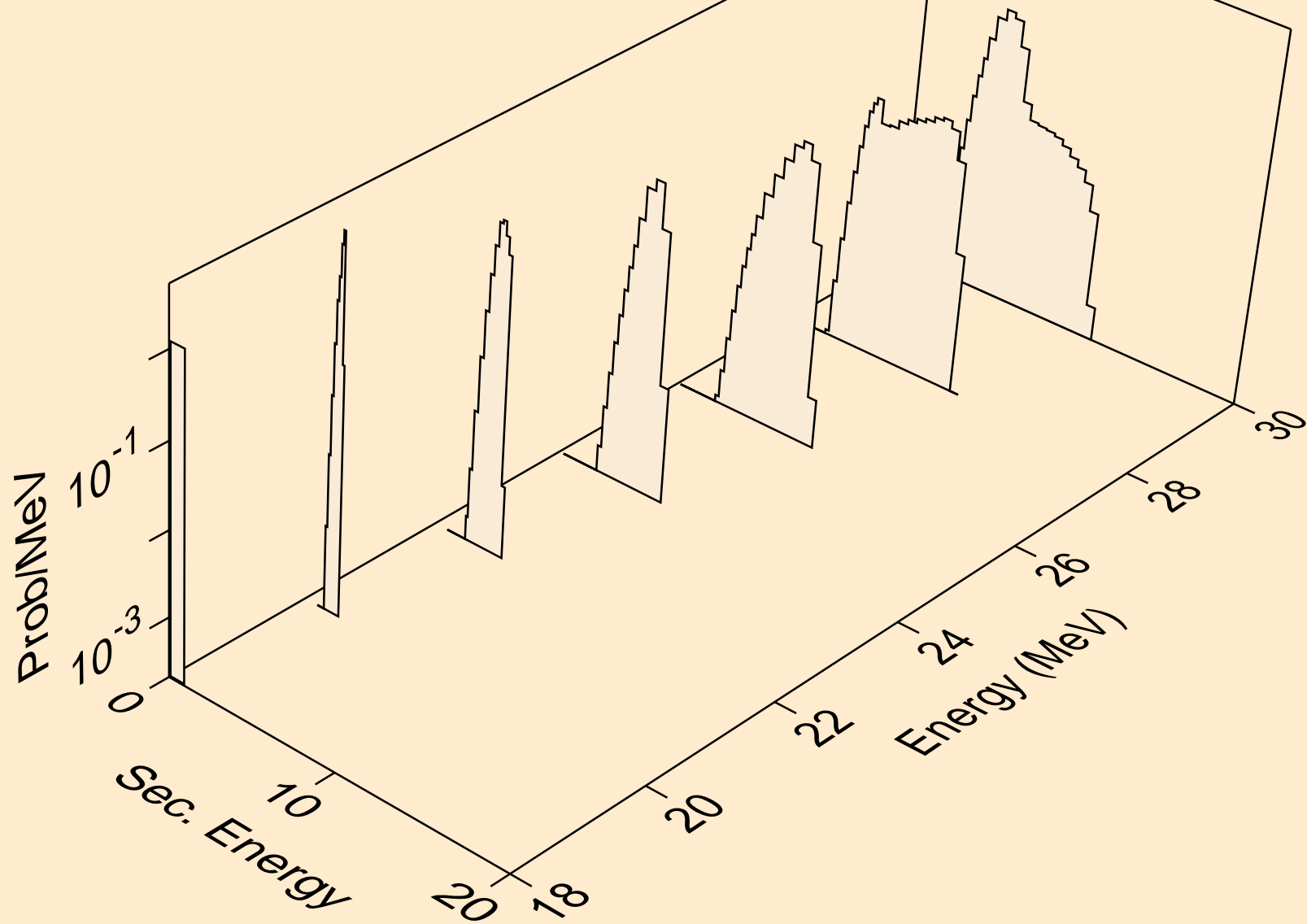
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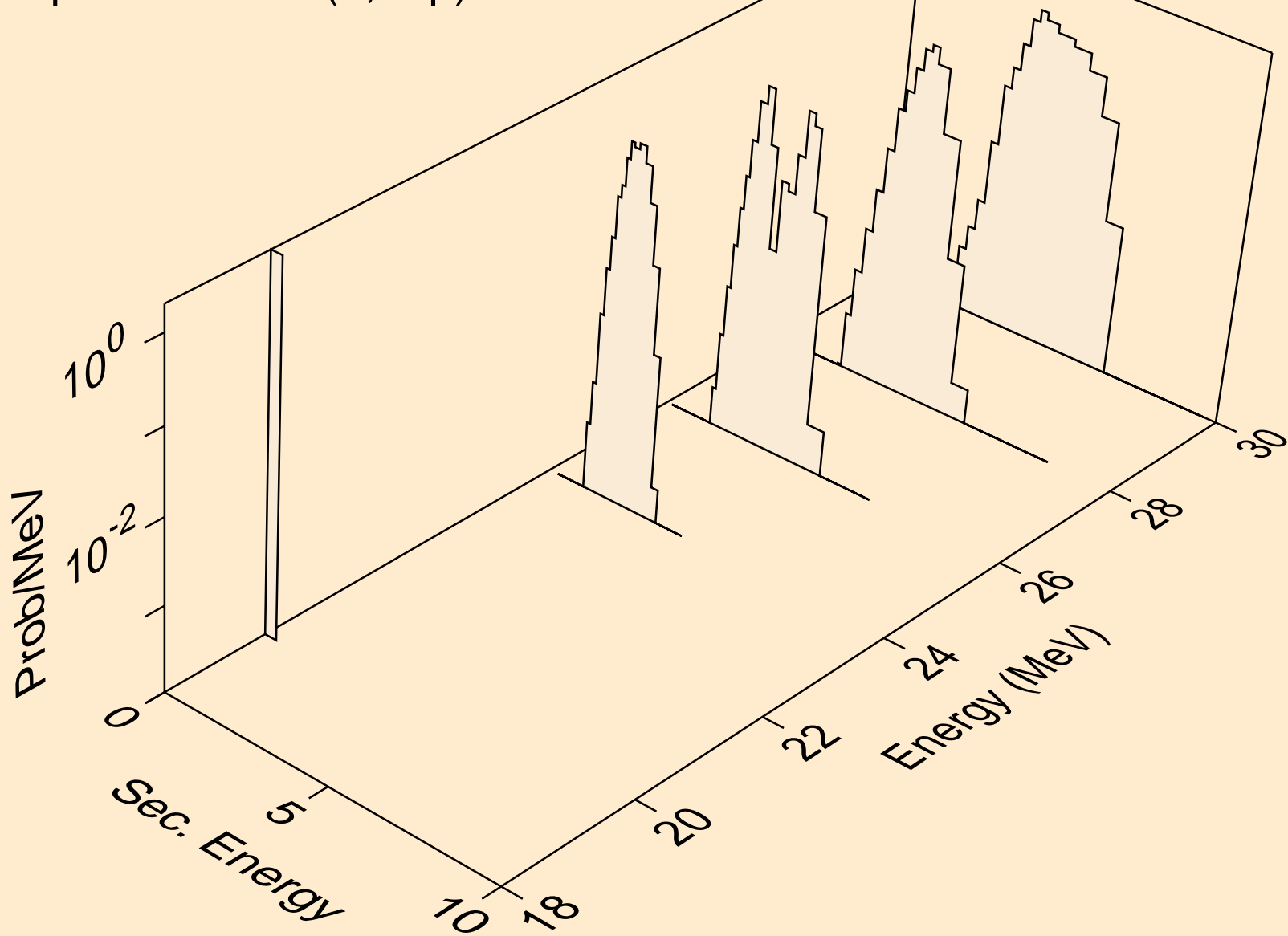
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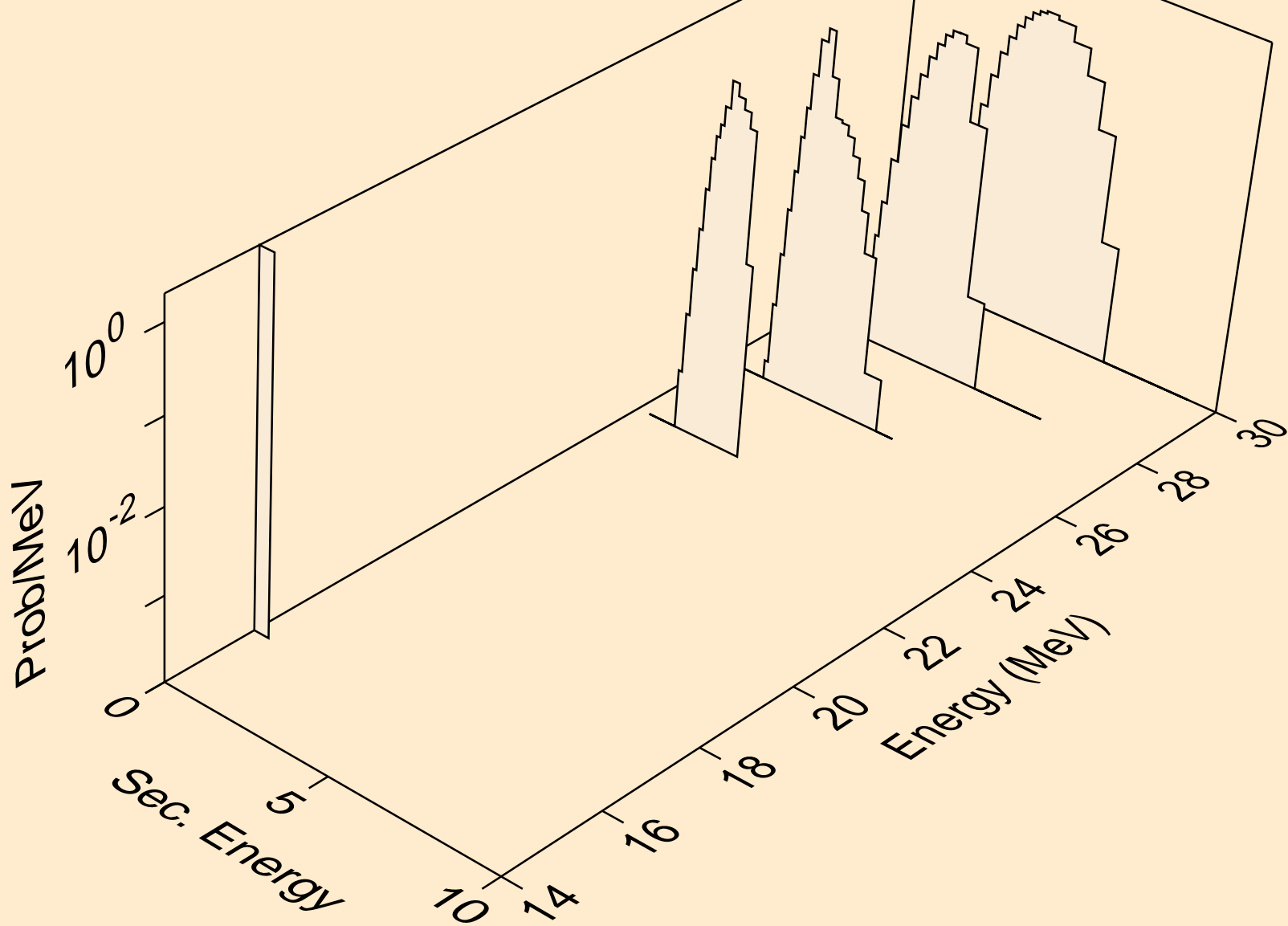
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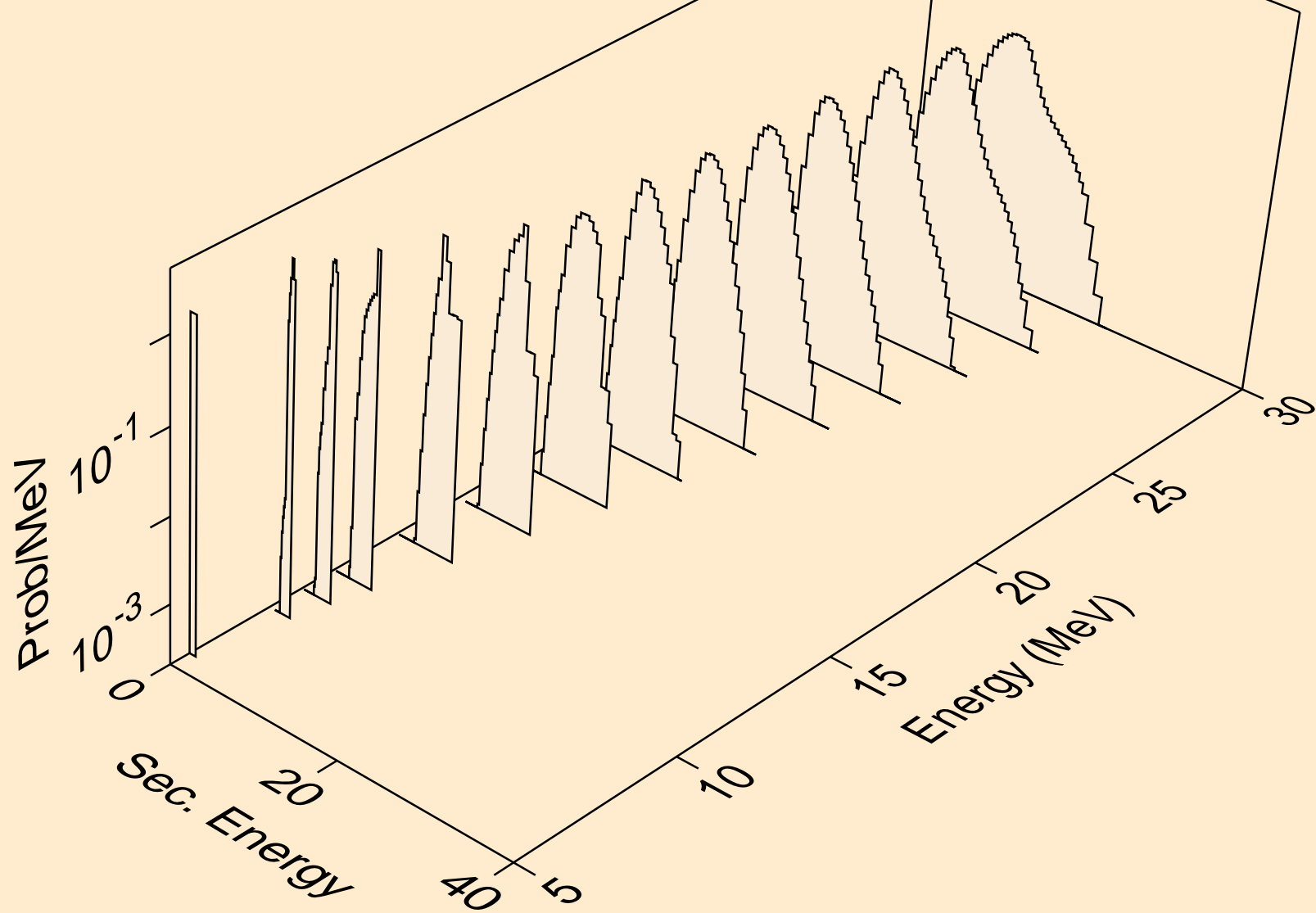
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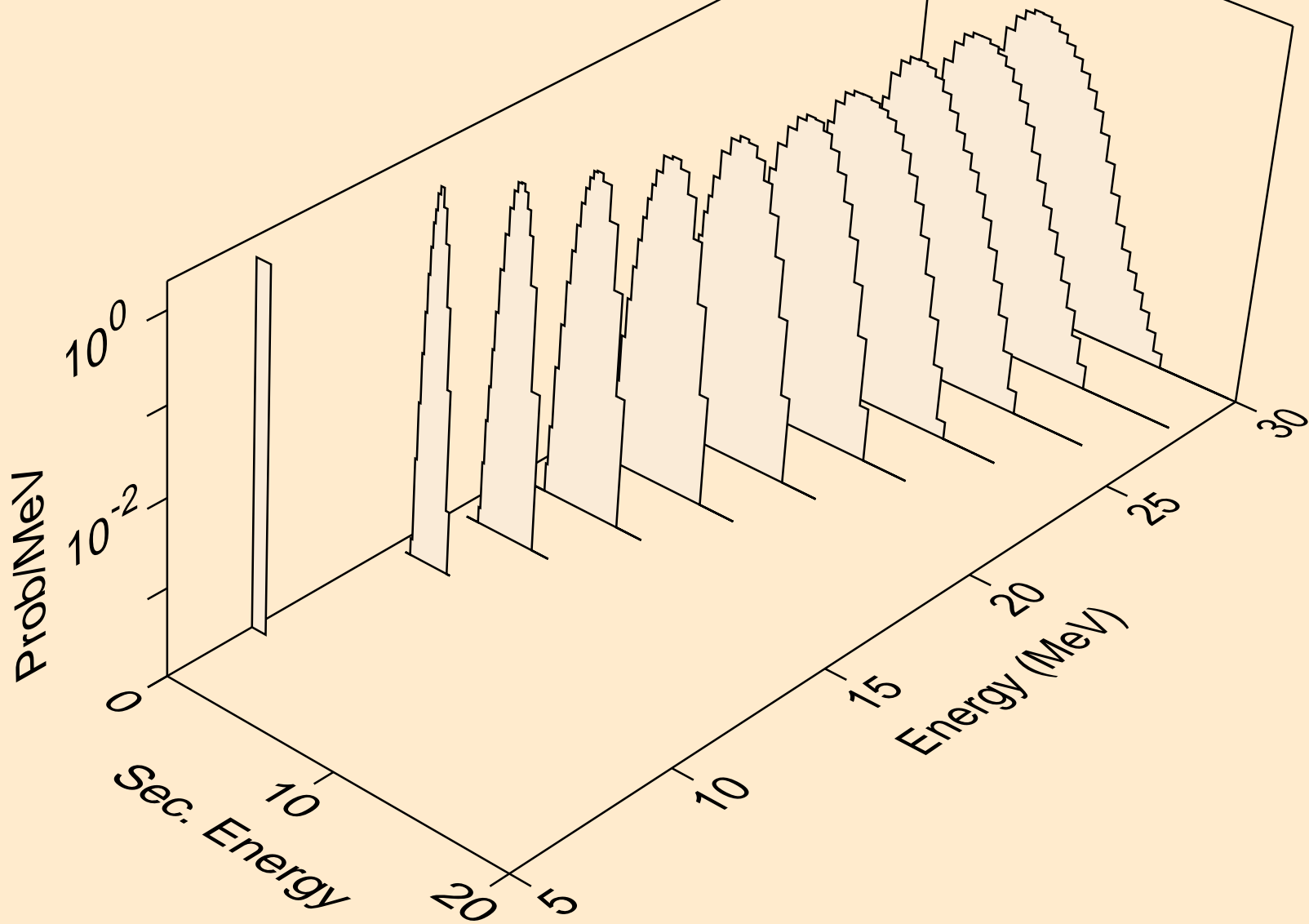
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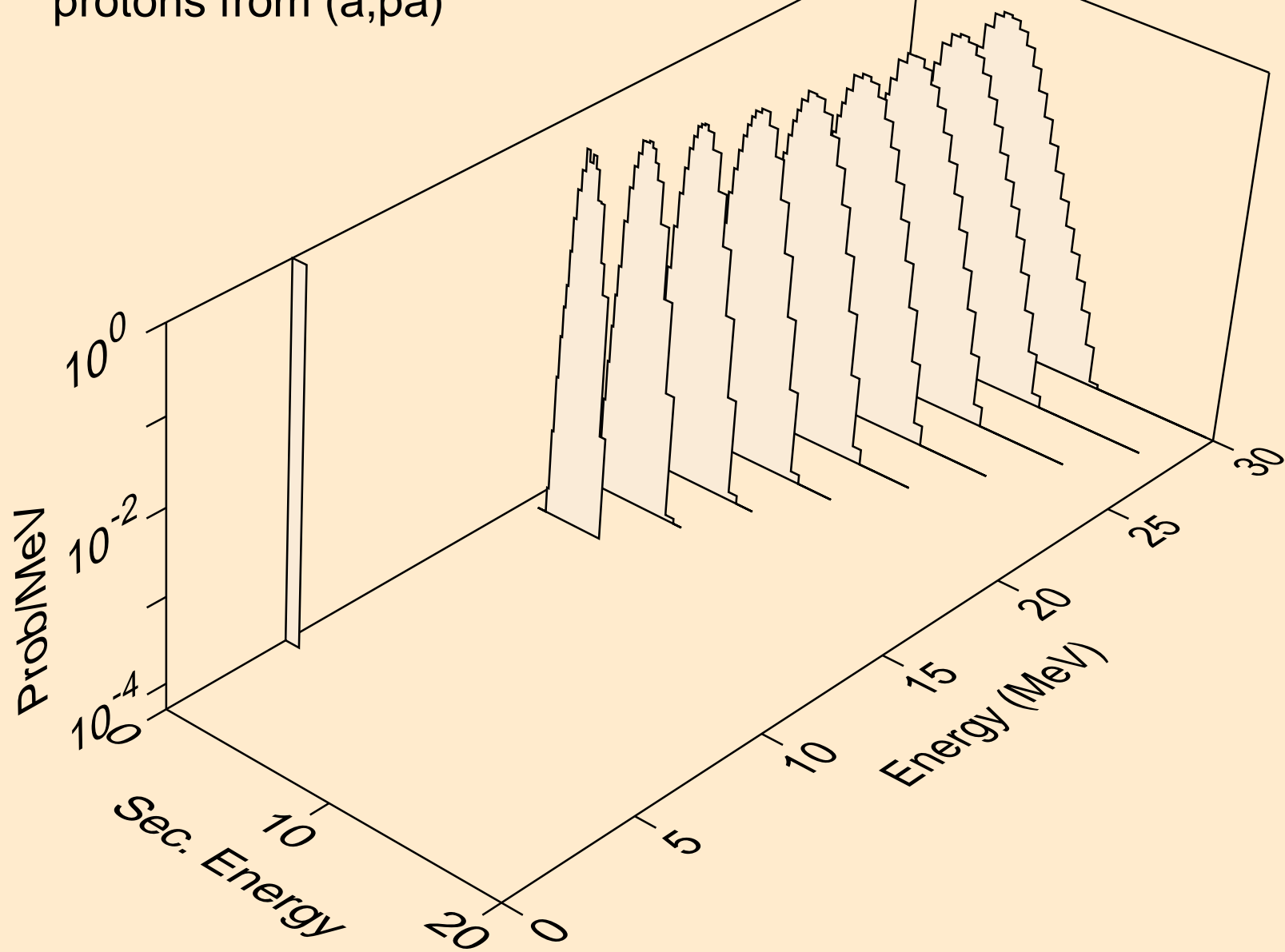
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protons from (a,p)



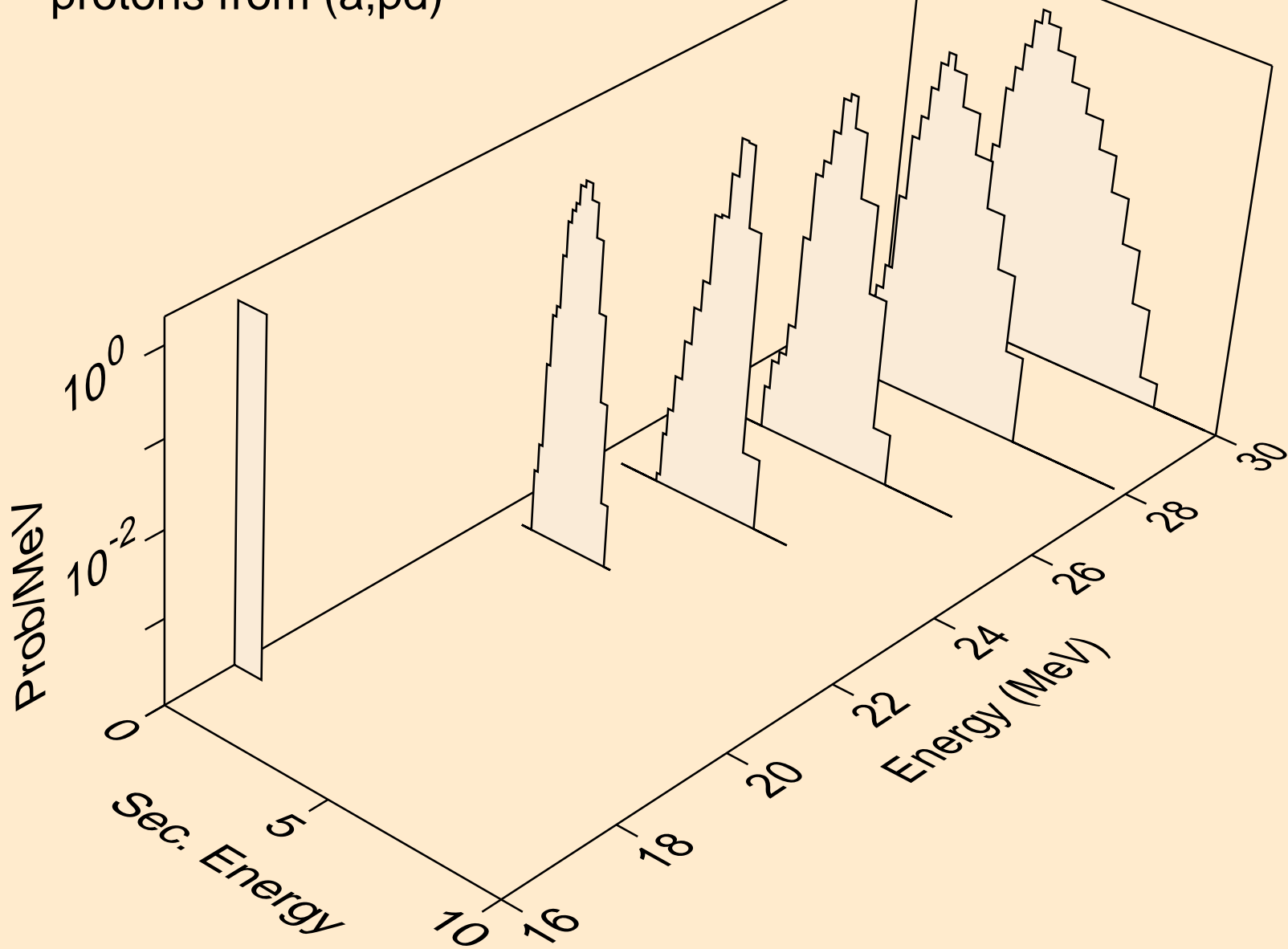
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protons from (a,2p)



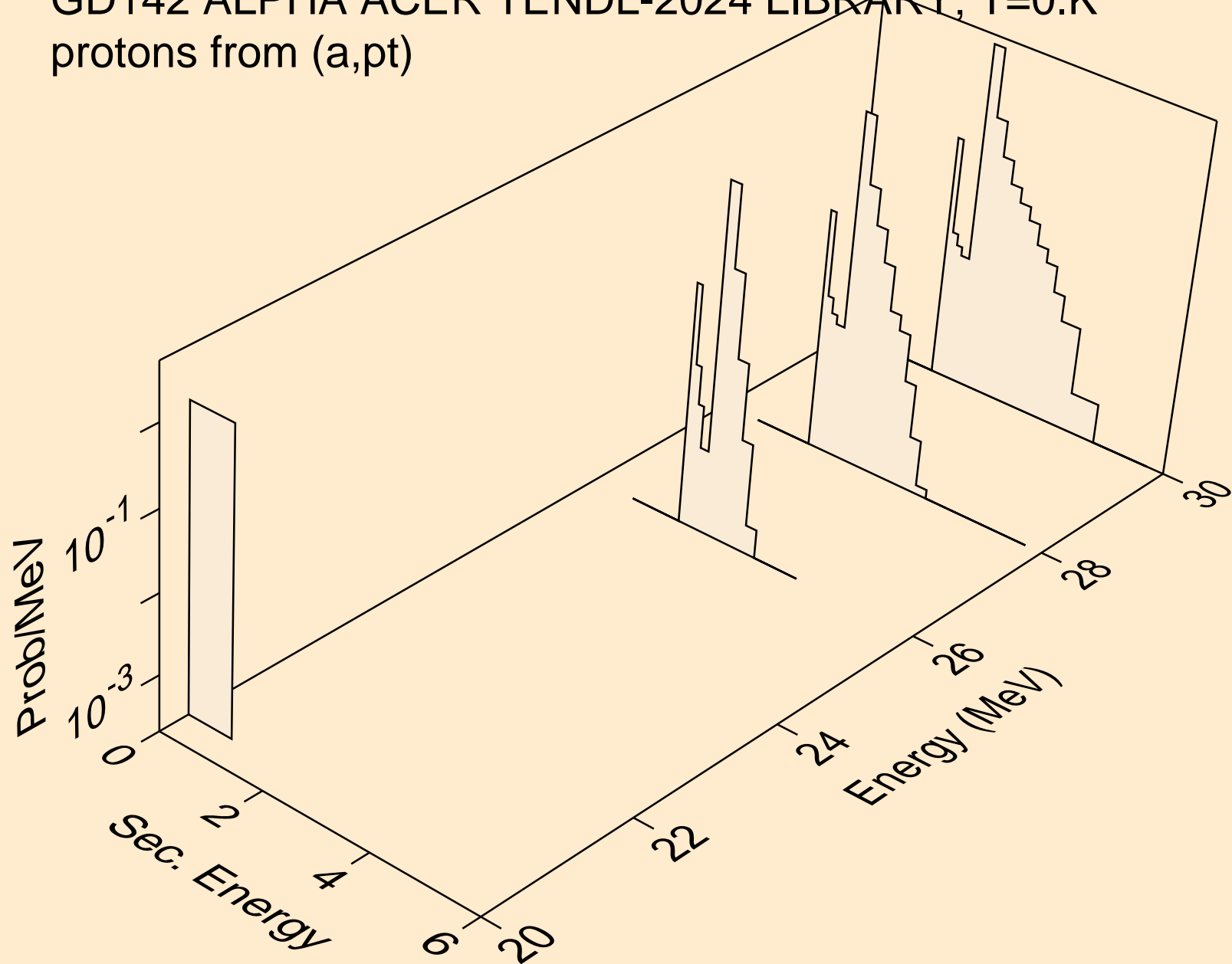
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protons from (a,pa)



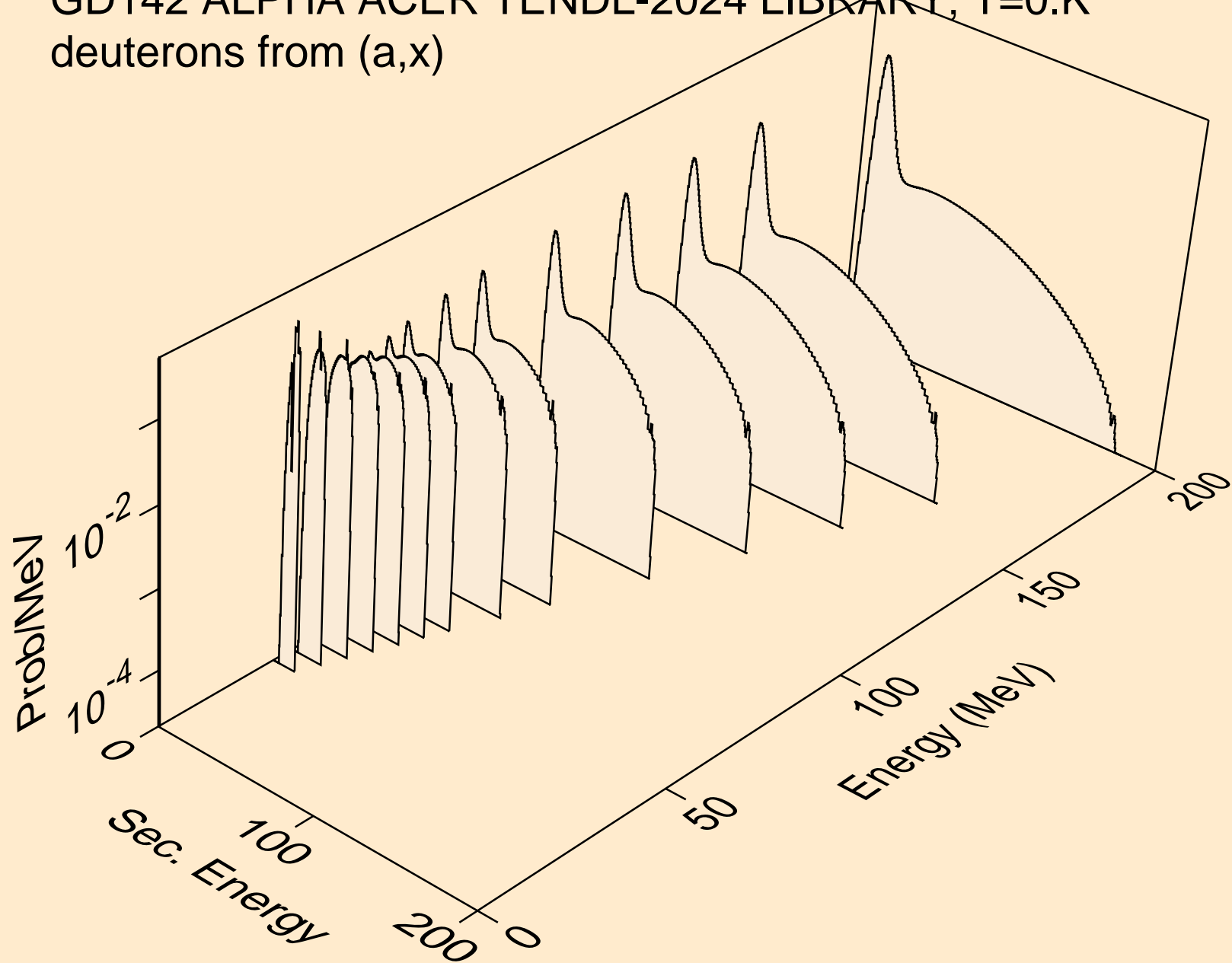
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protons from (a,pd)



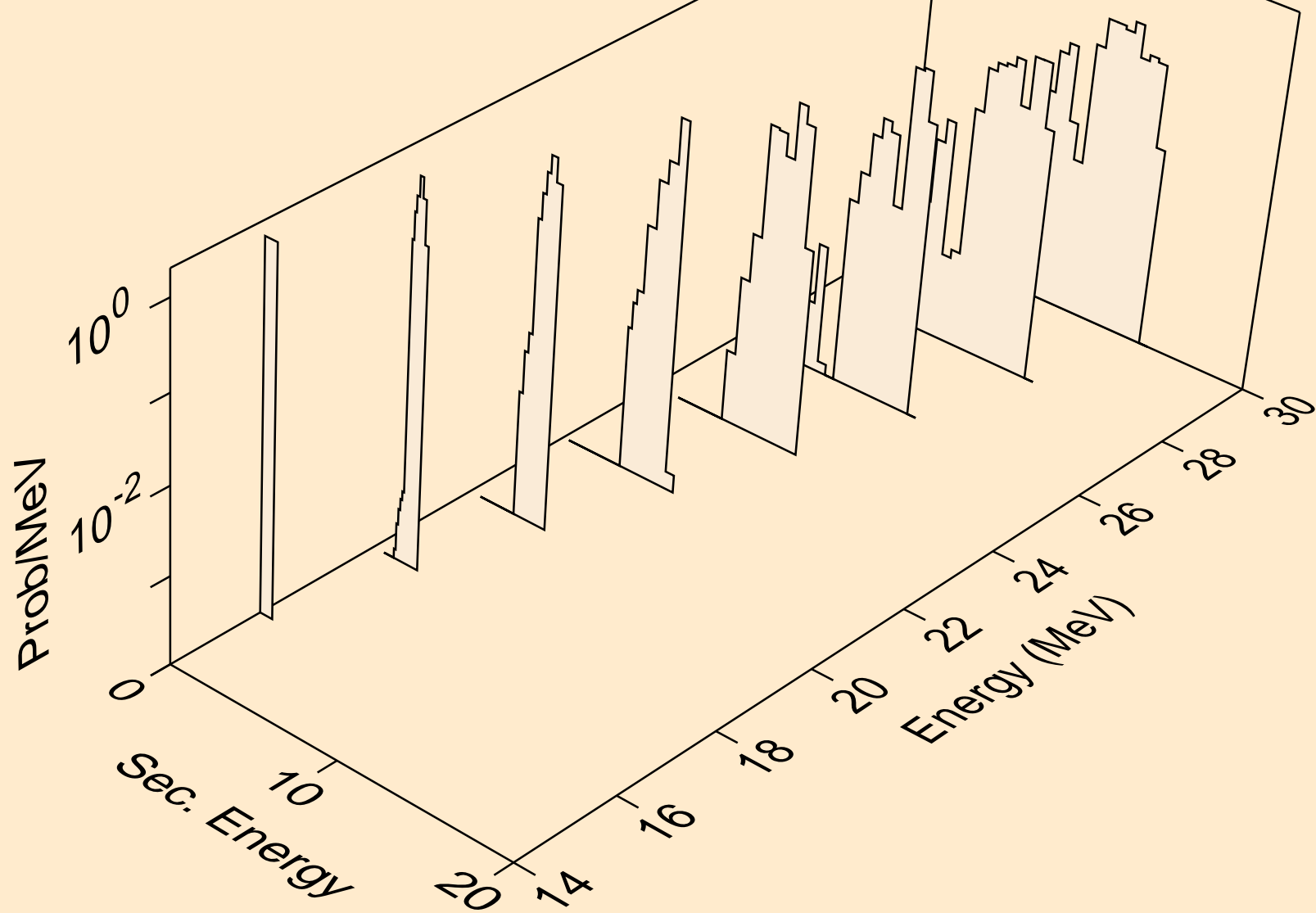
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protons from (a,pt)



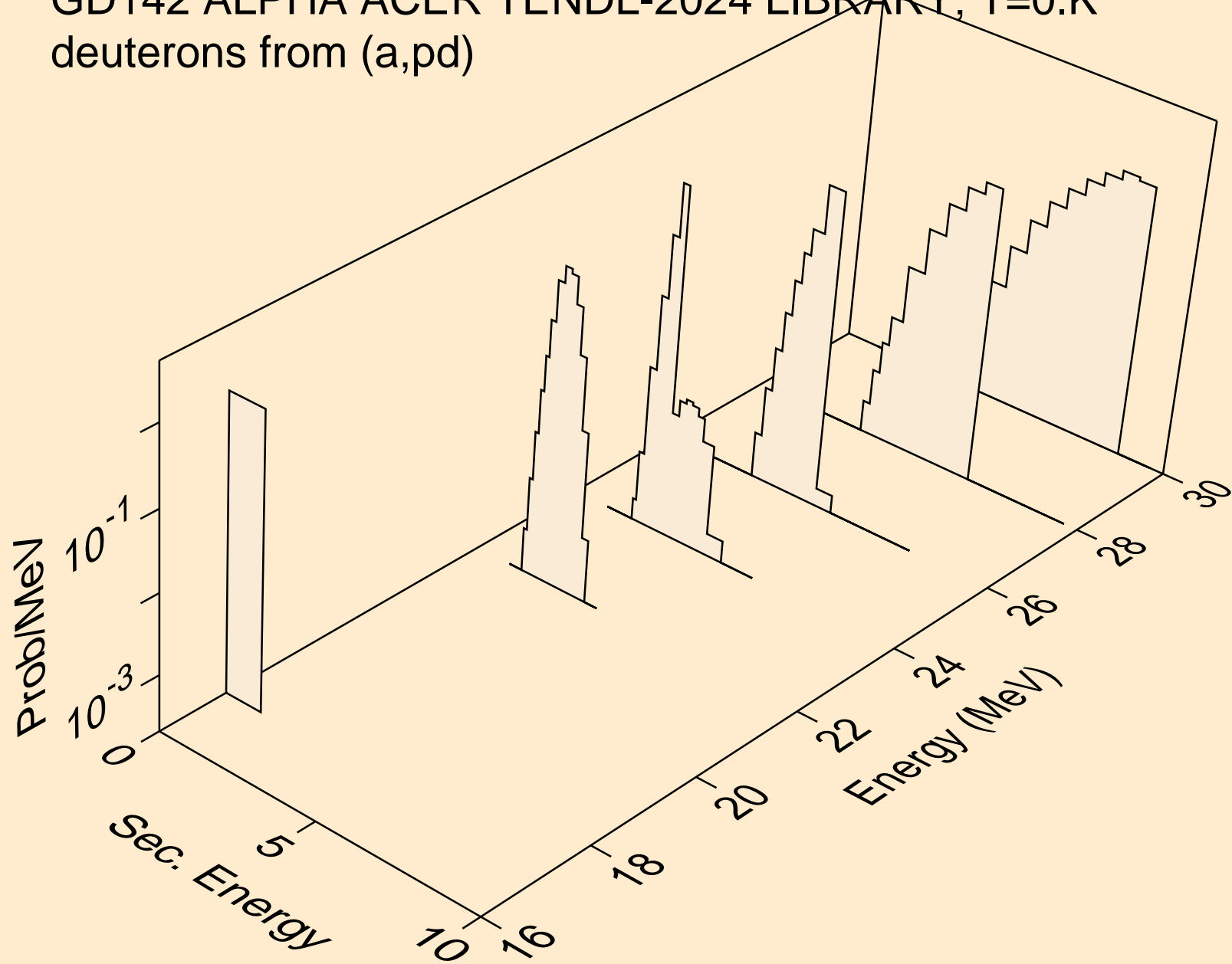
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
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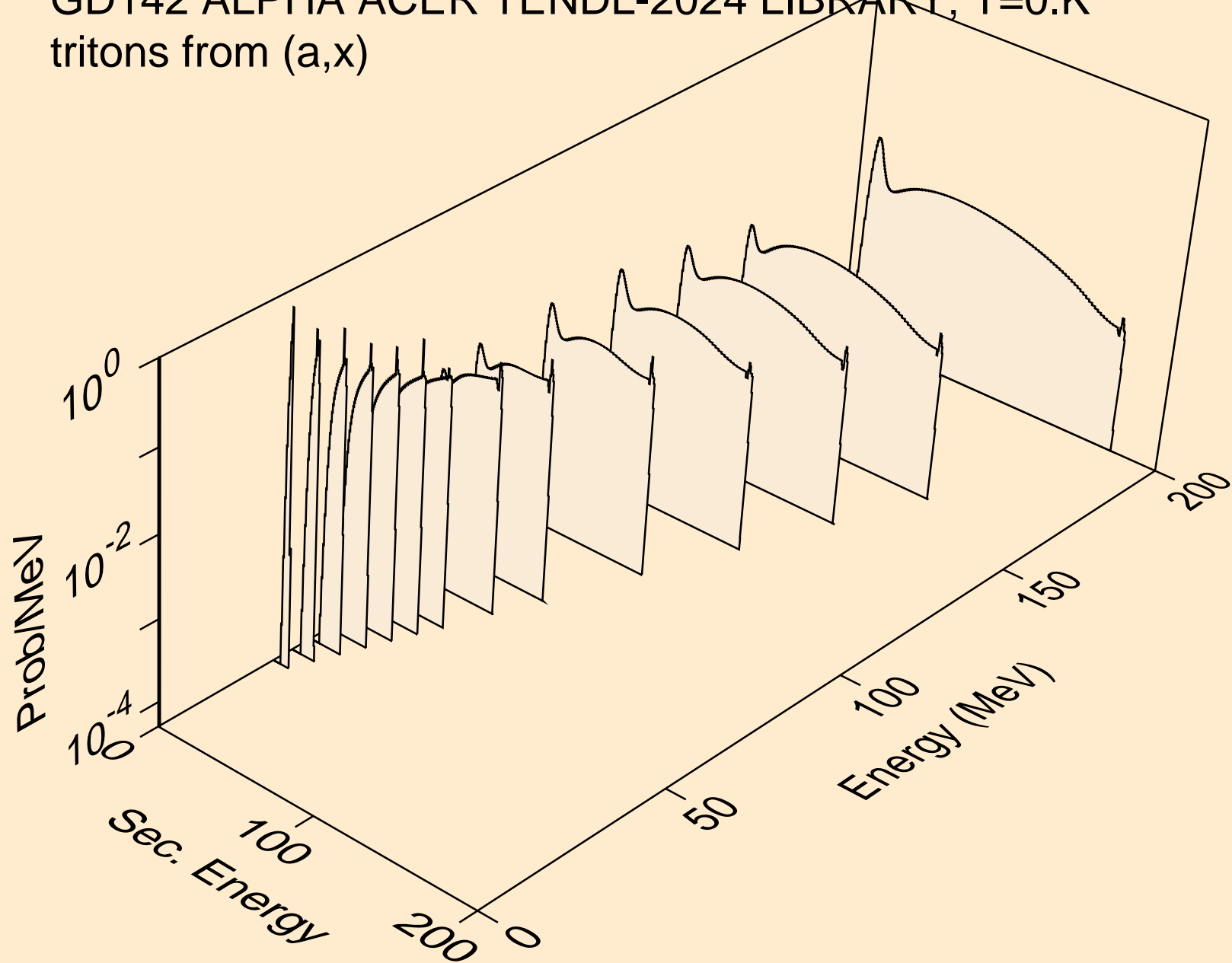
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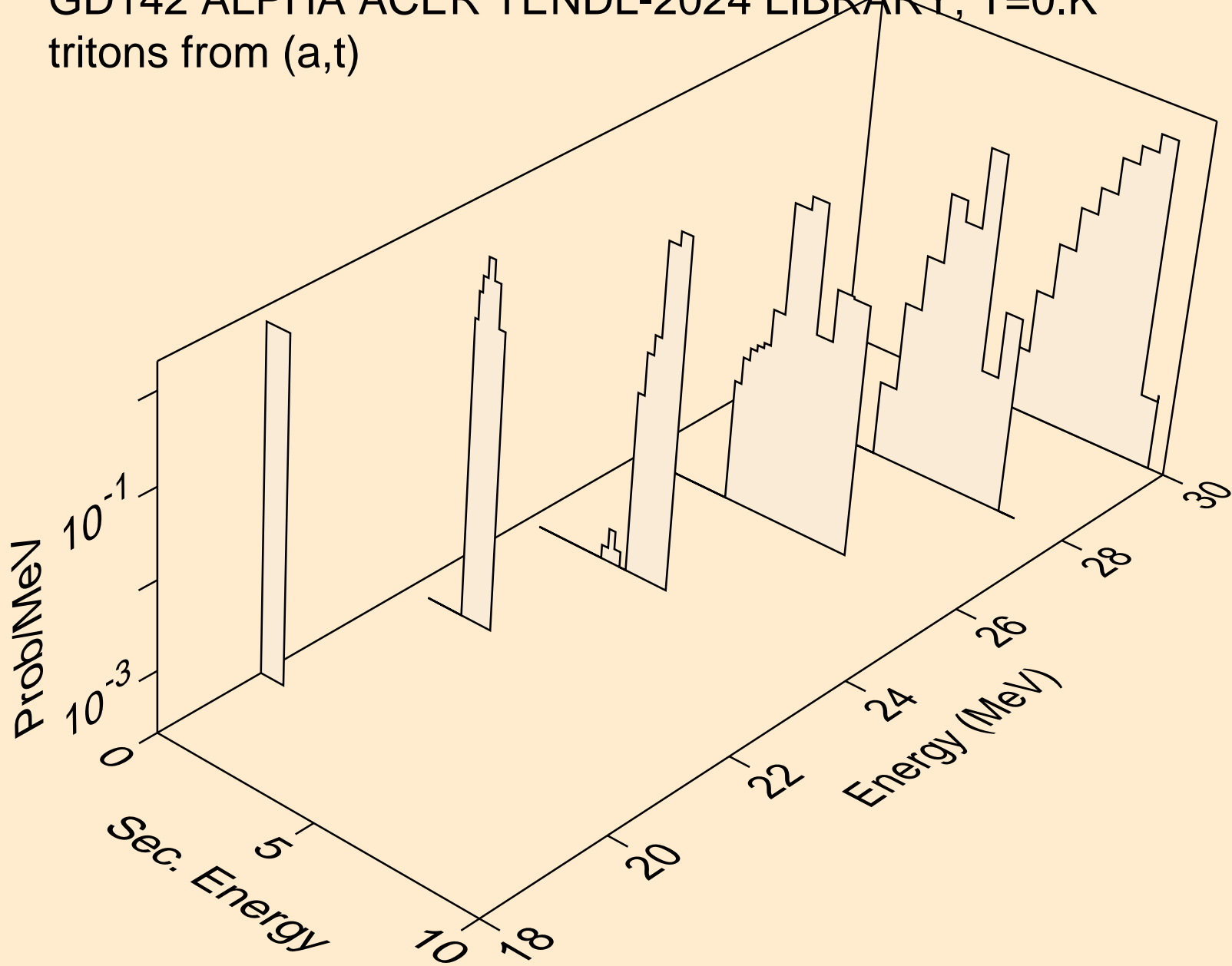
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deuterons from (a,pd)



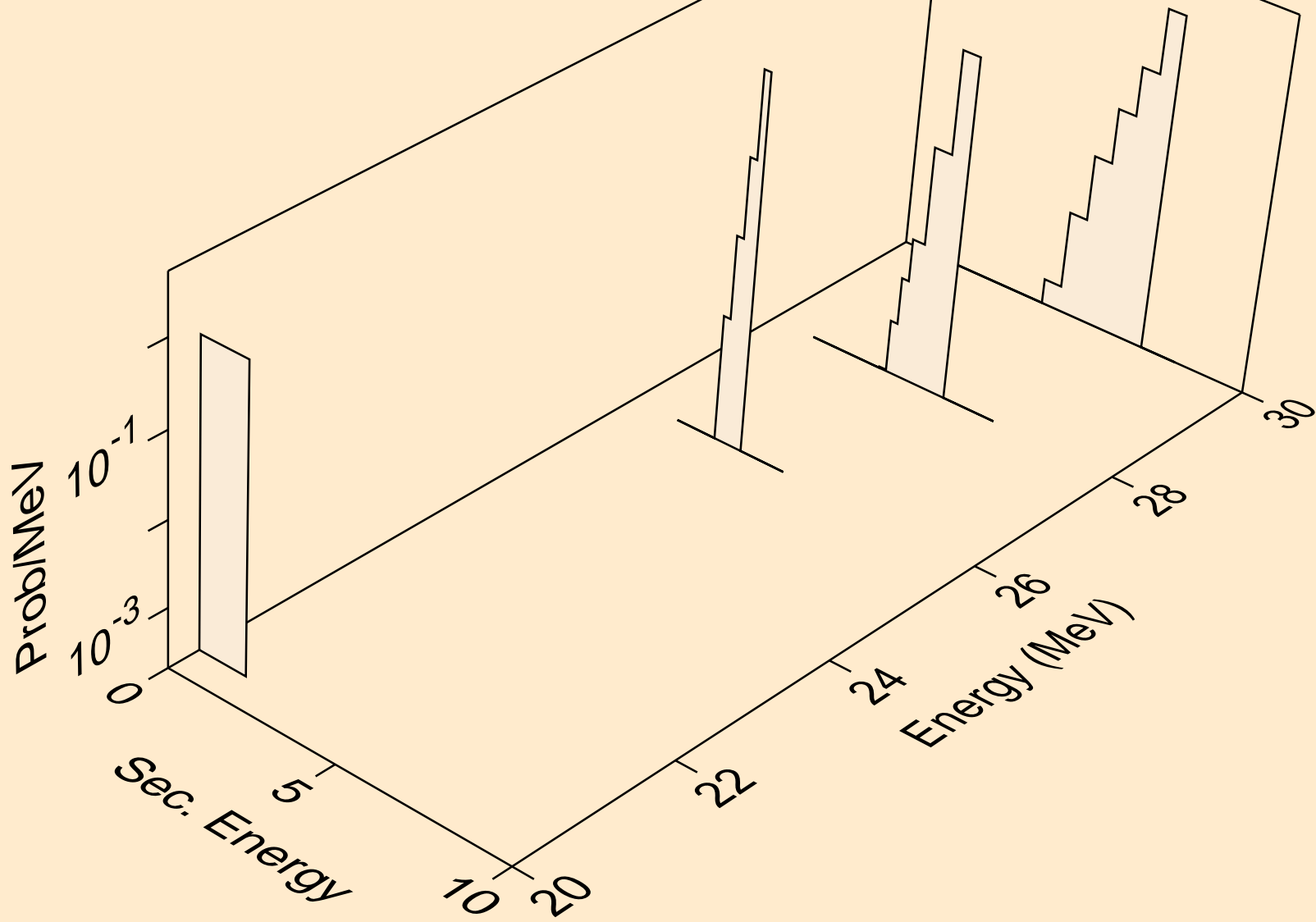
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tritons from (a,x)



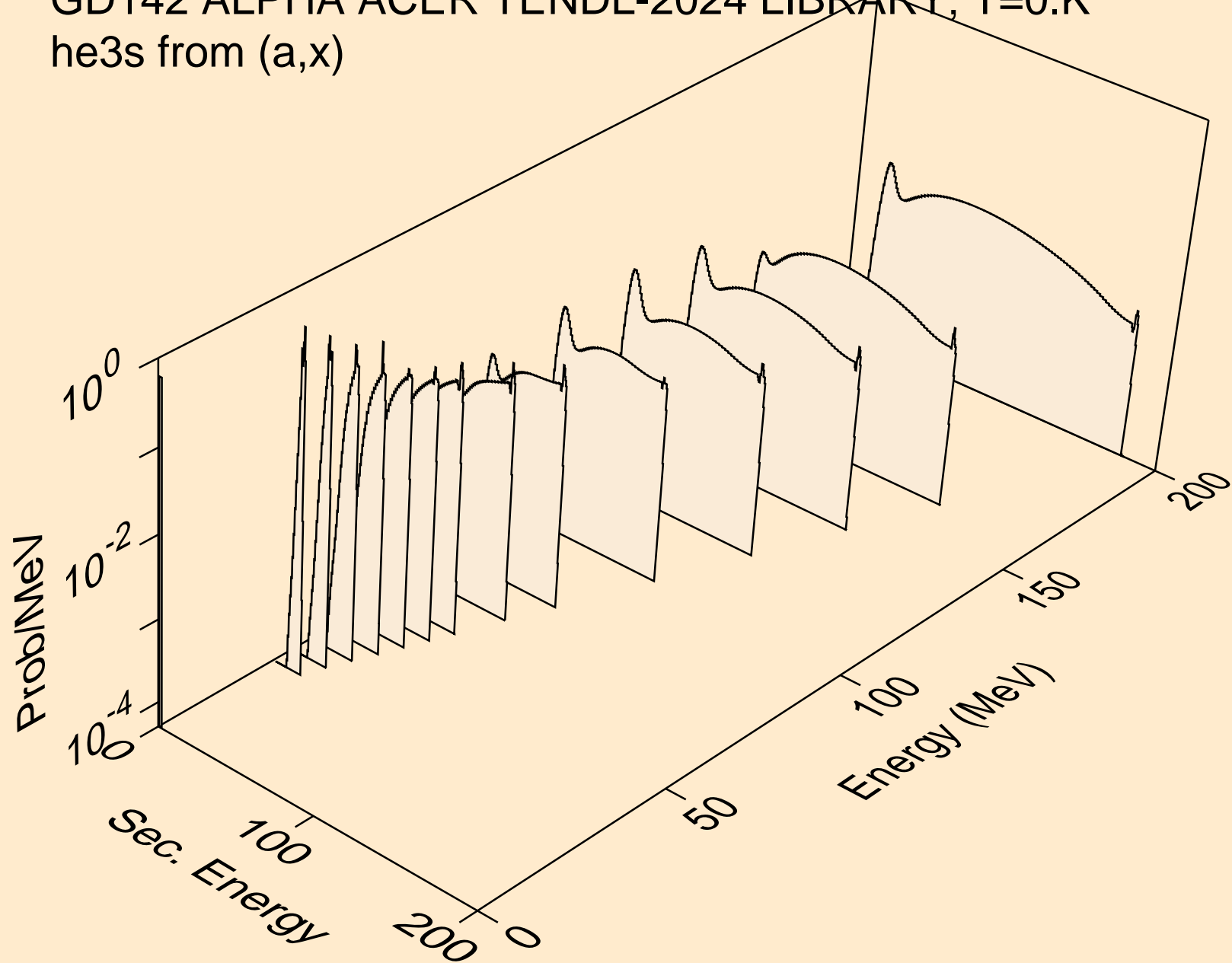
GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



GD142 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

