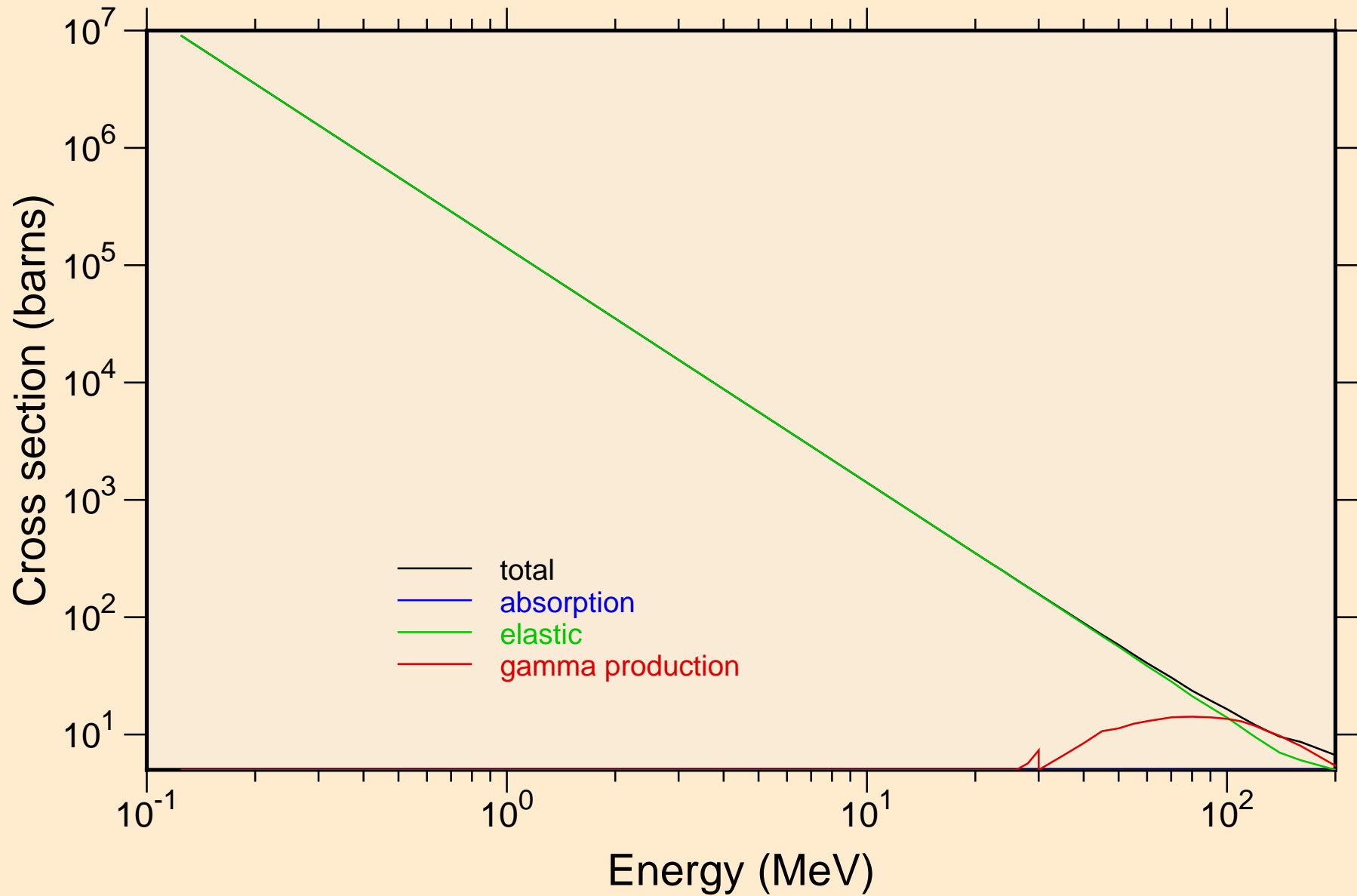


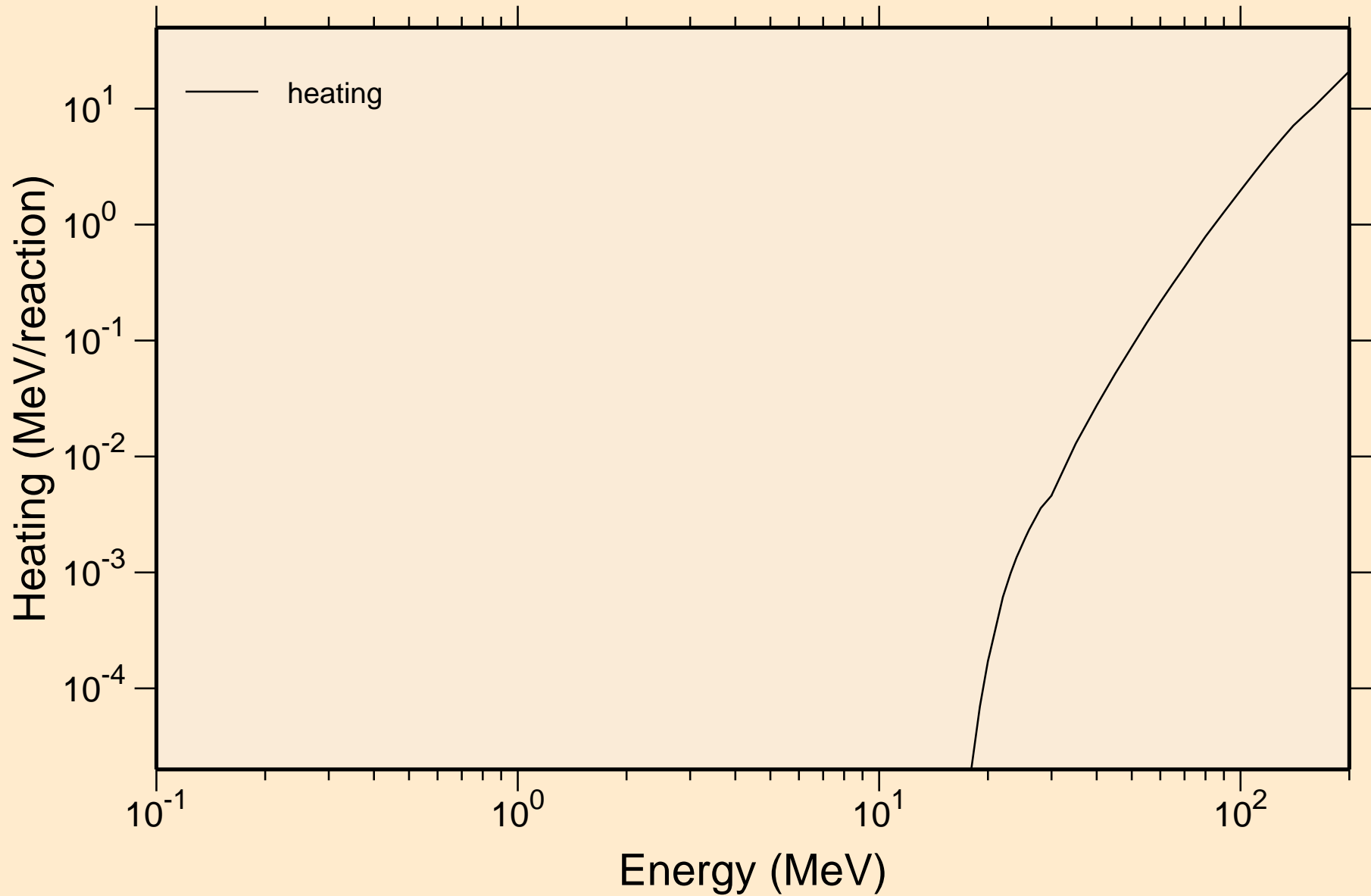
# W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



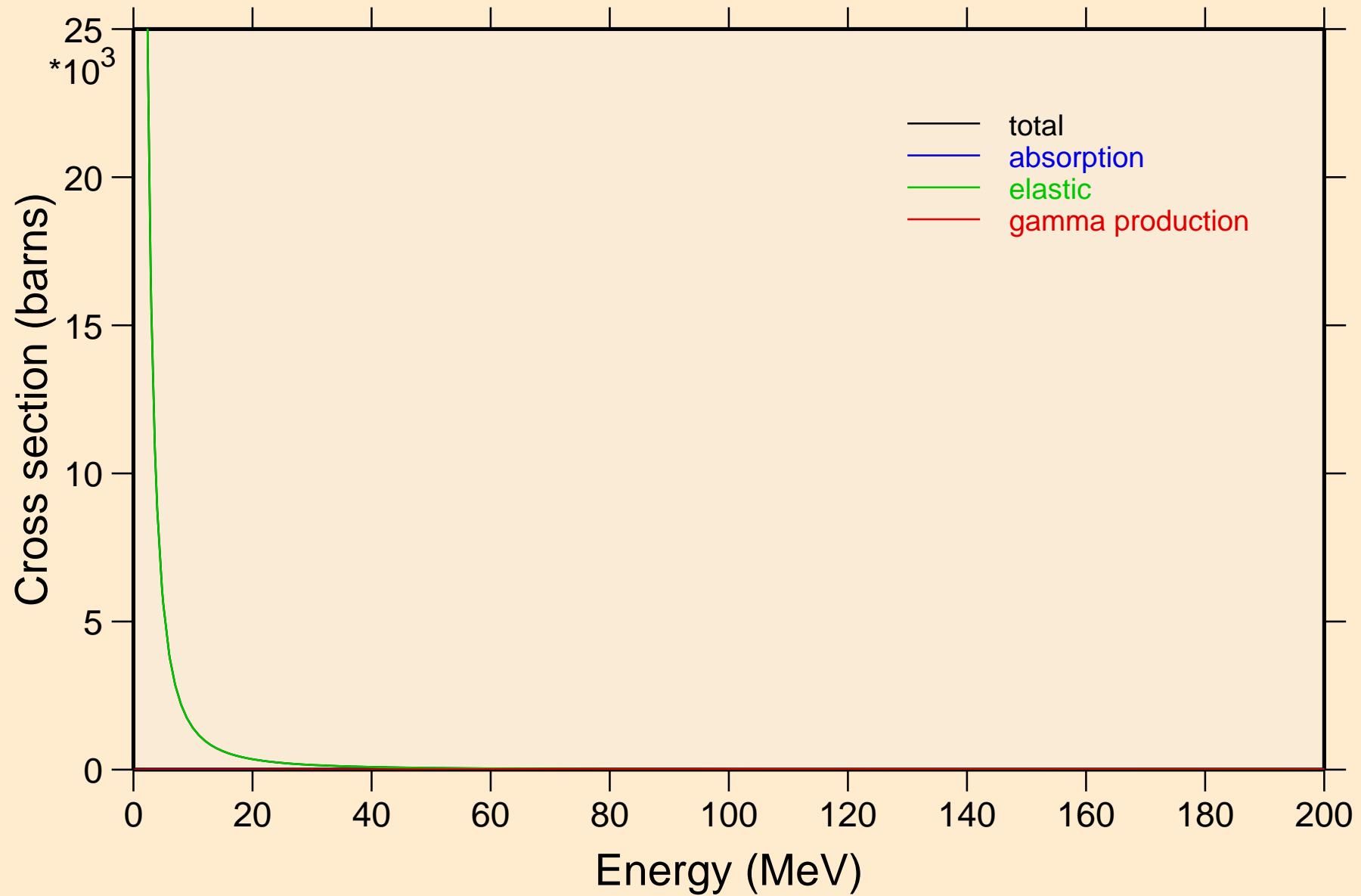
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



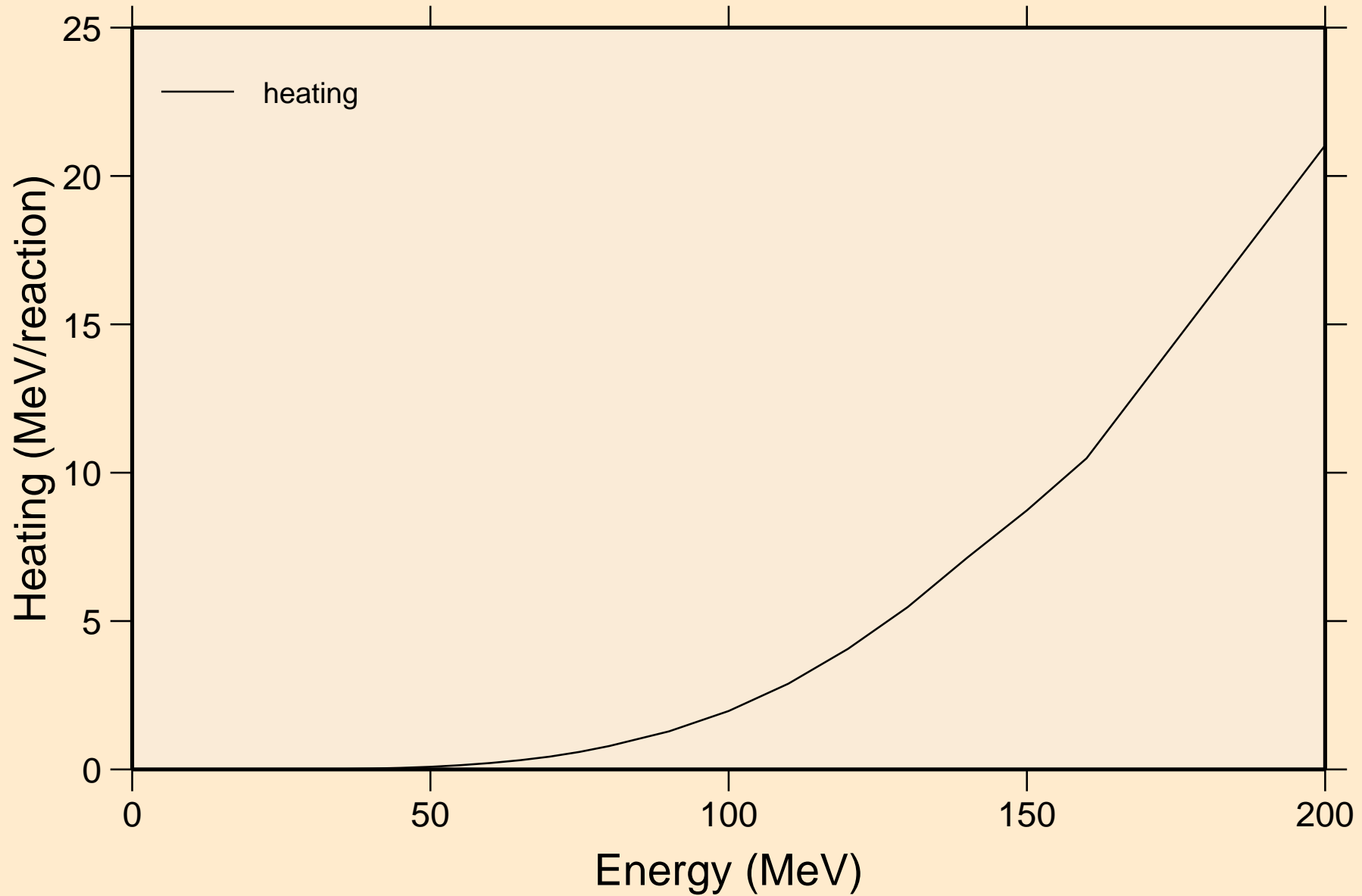
# W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

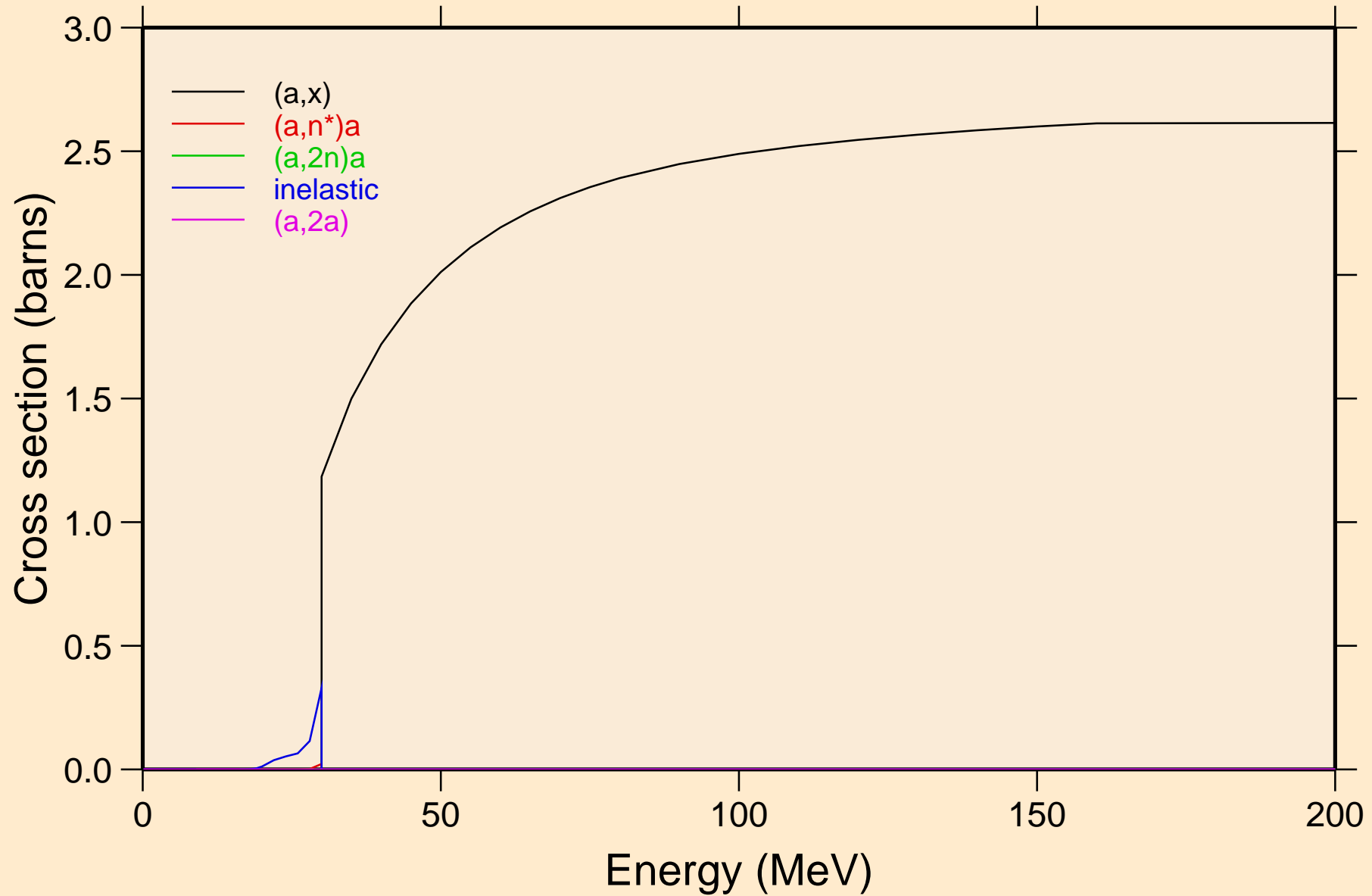


W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

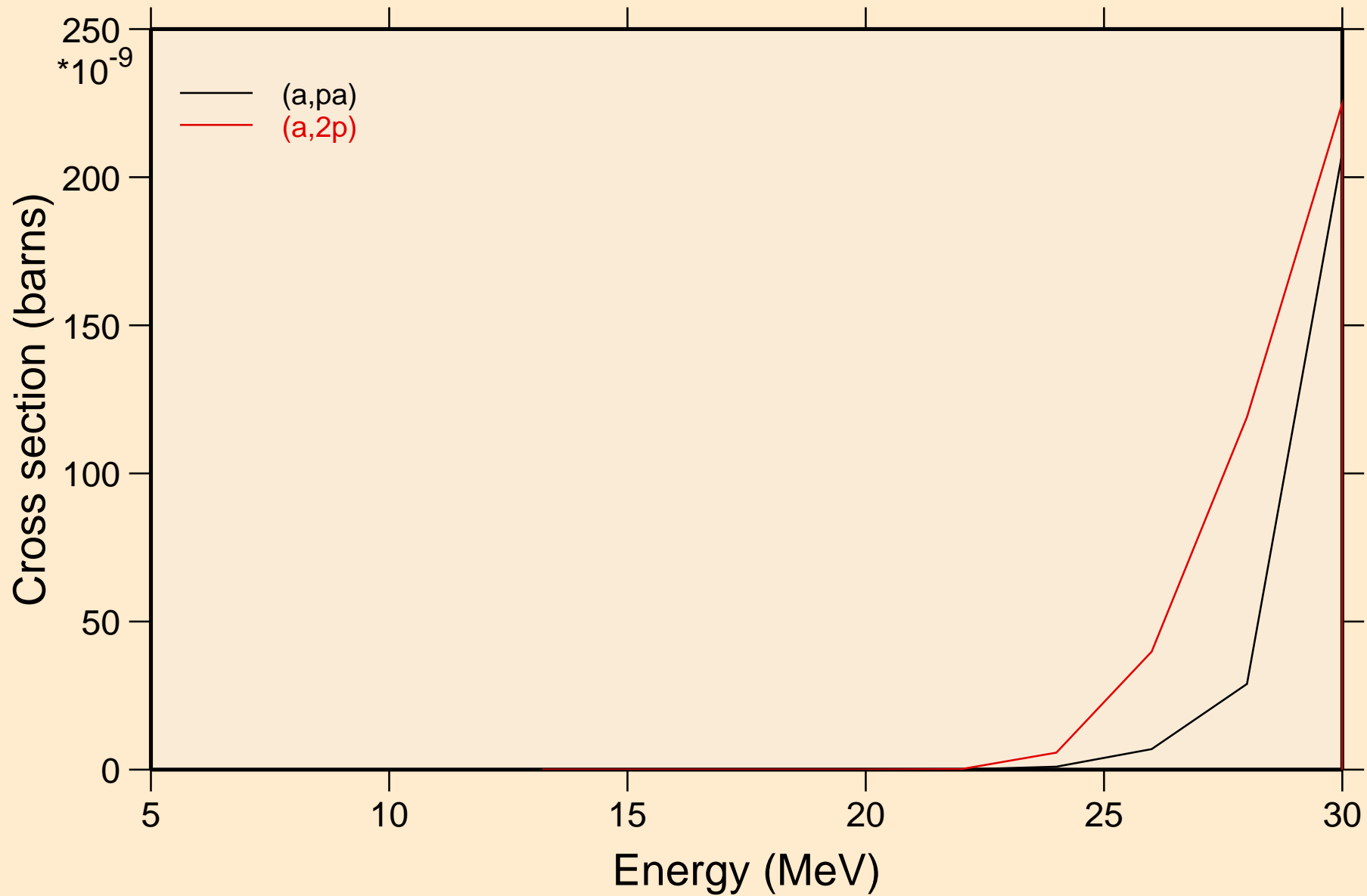
Heating



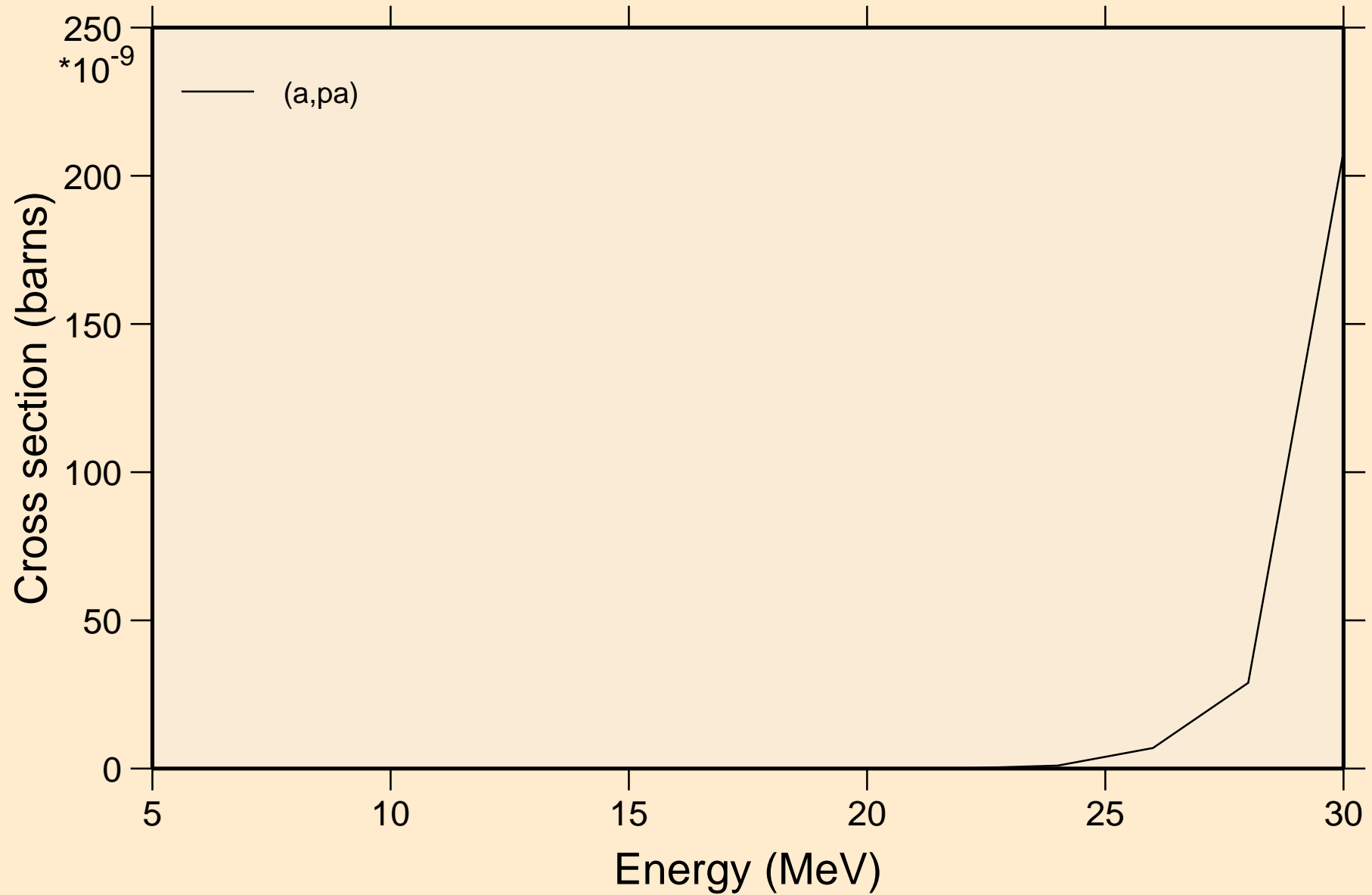
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Threshold reactions



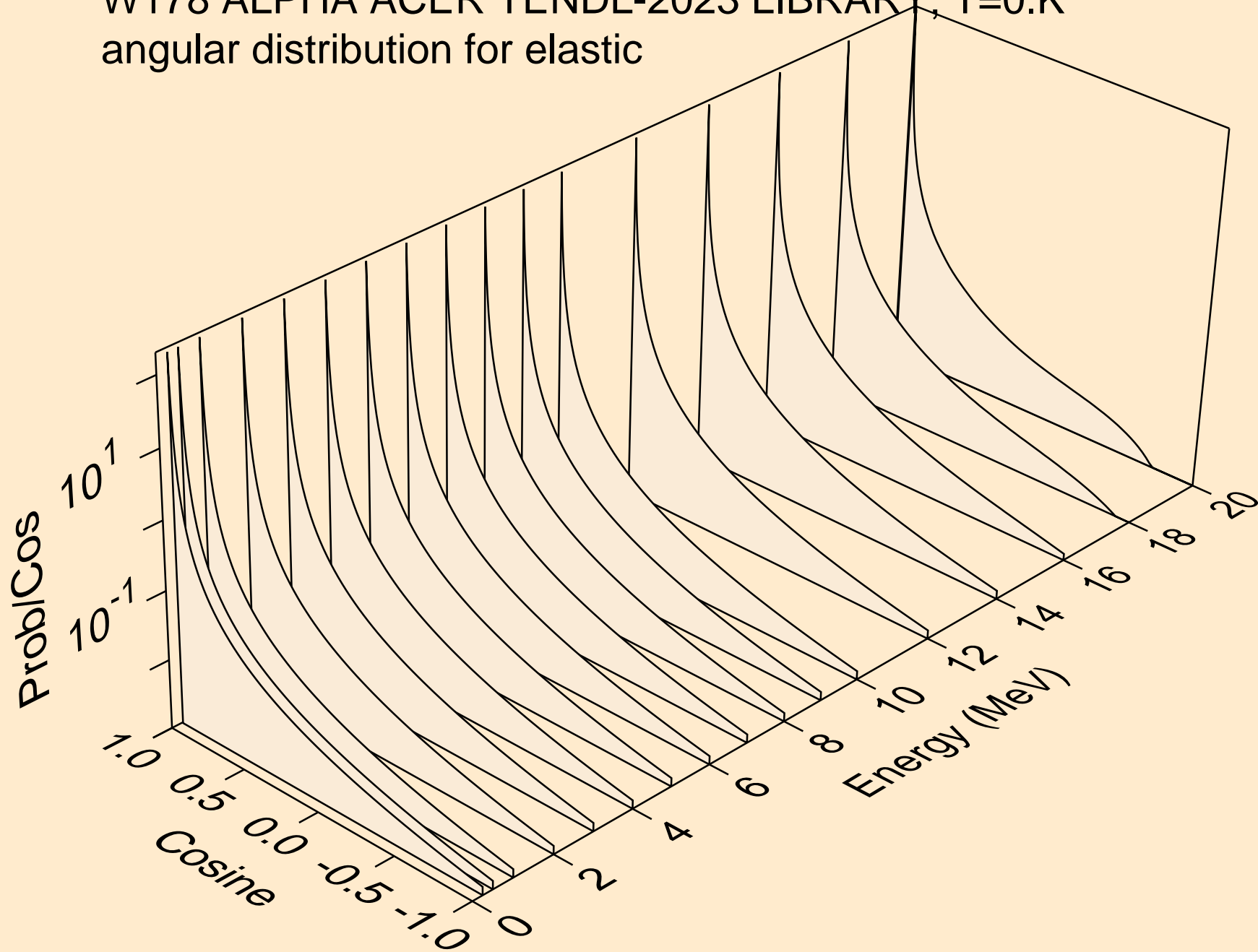
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Threshold reactions



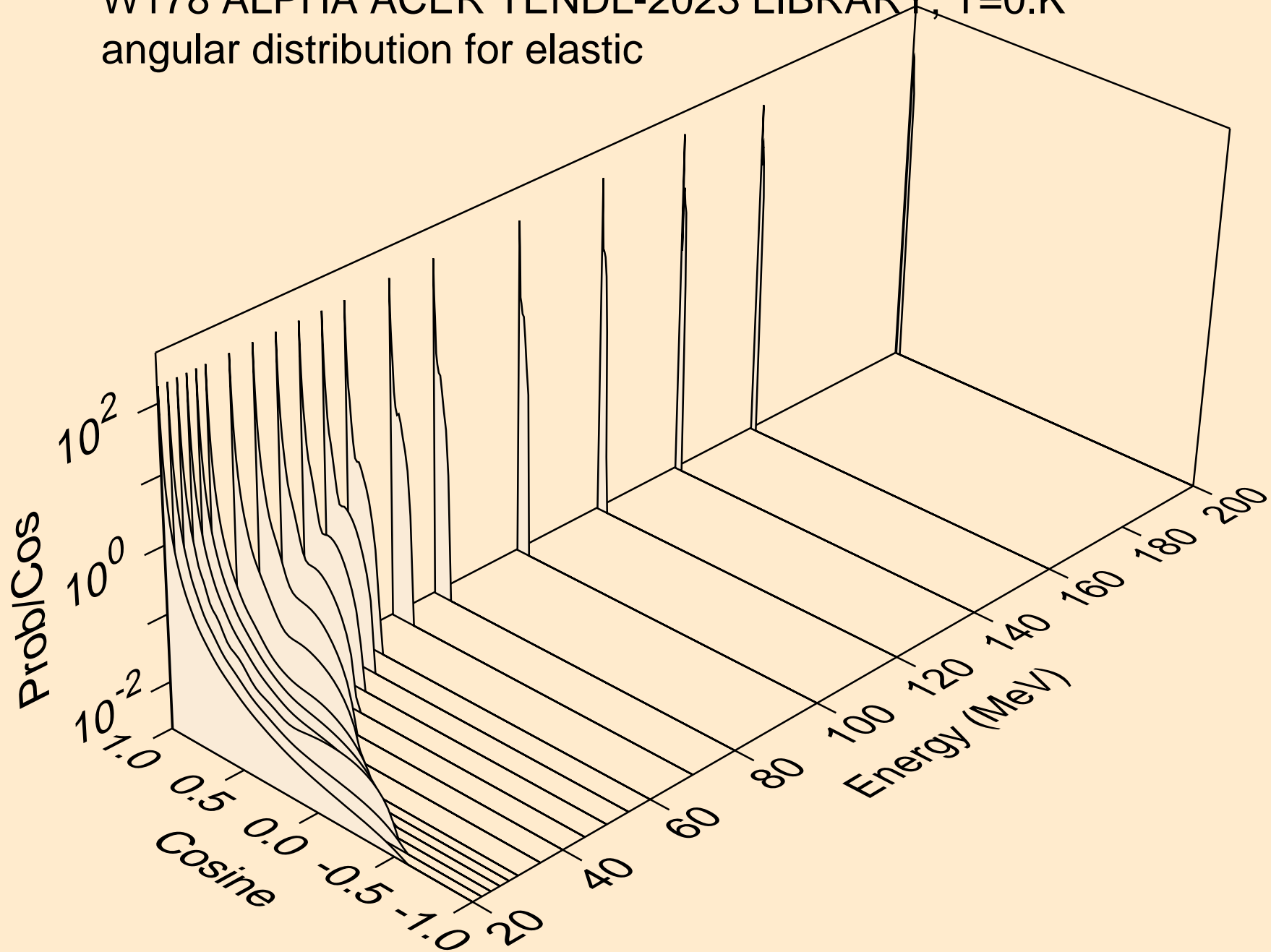
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



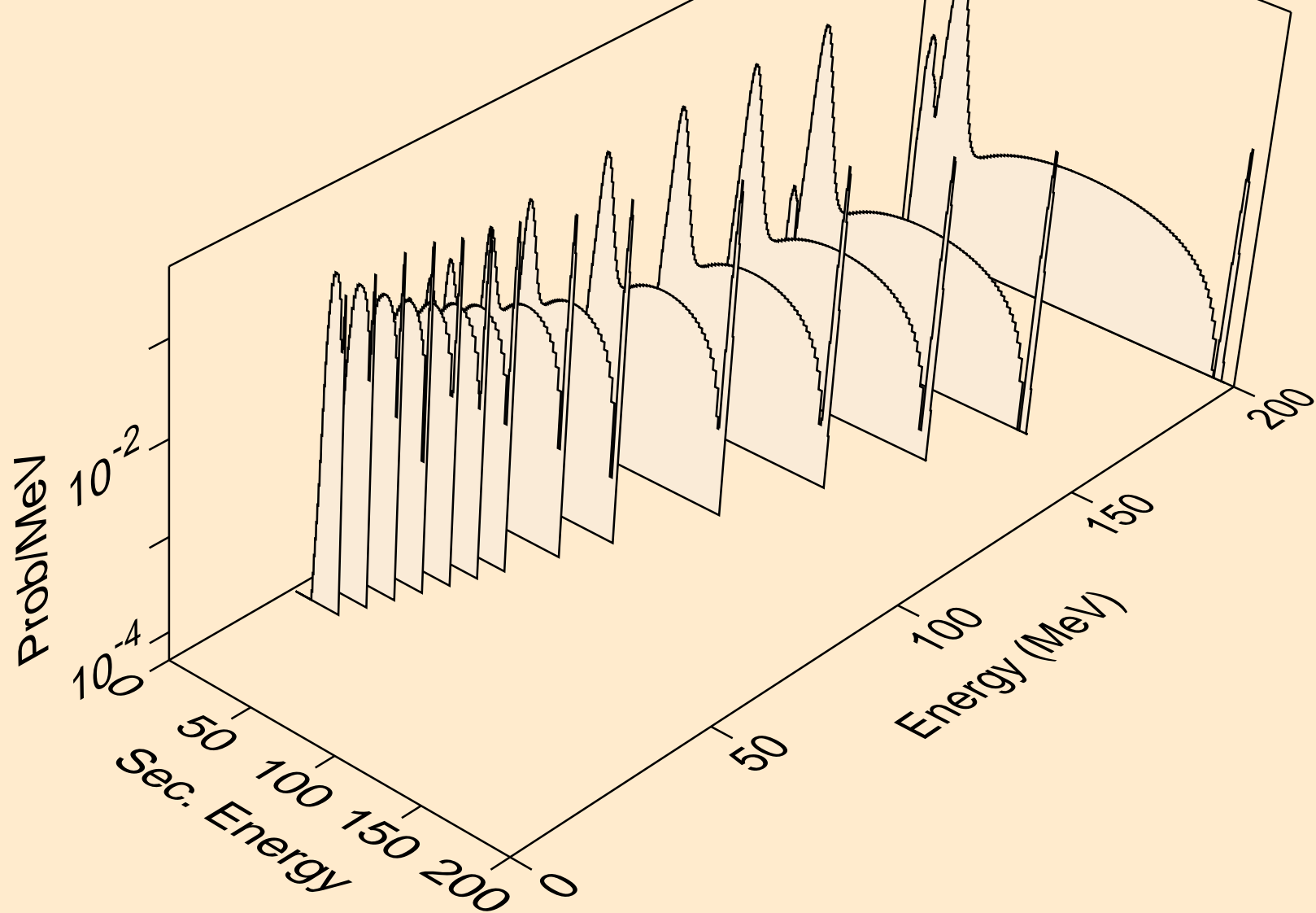
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



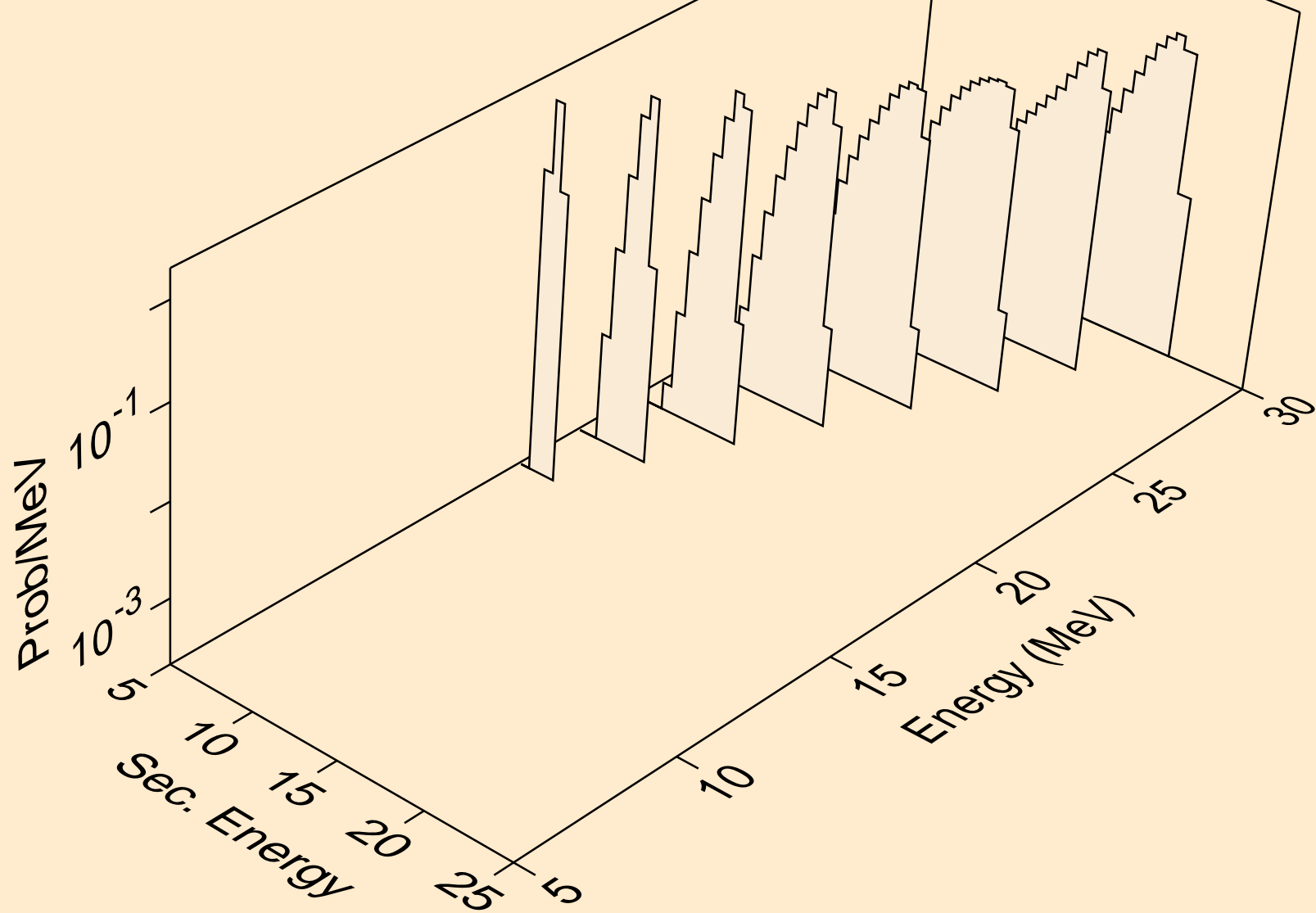
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



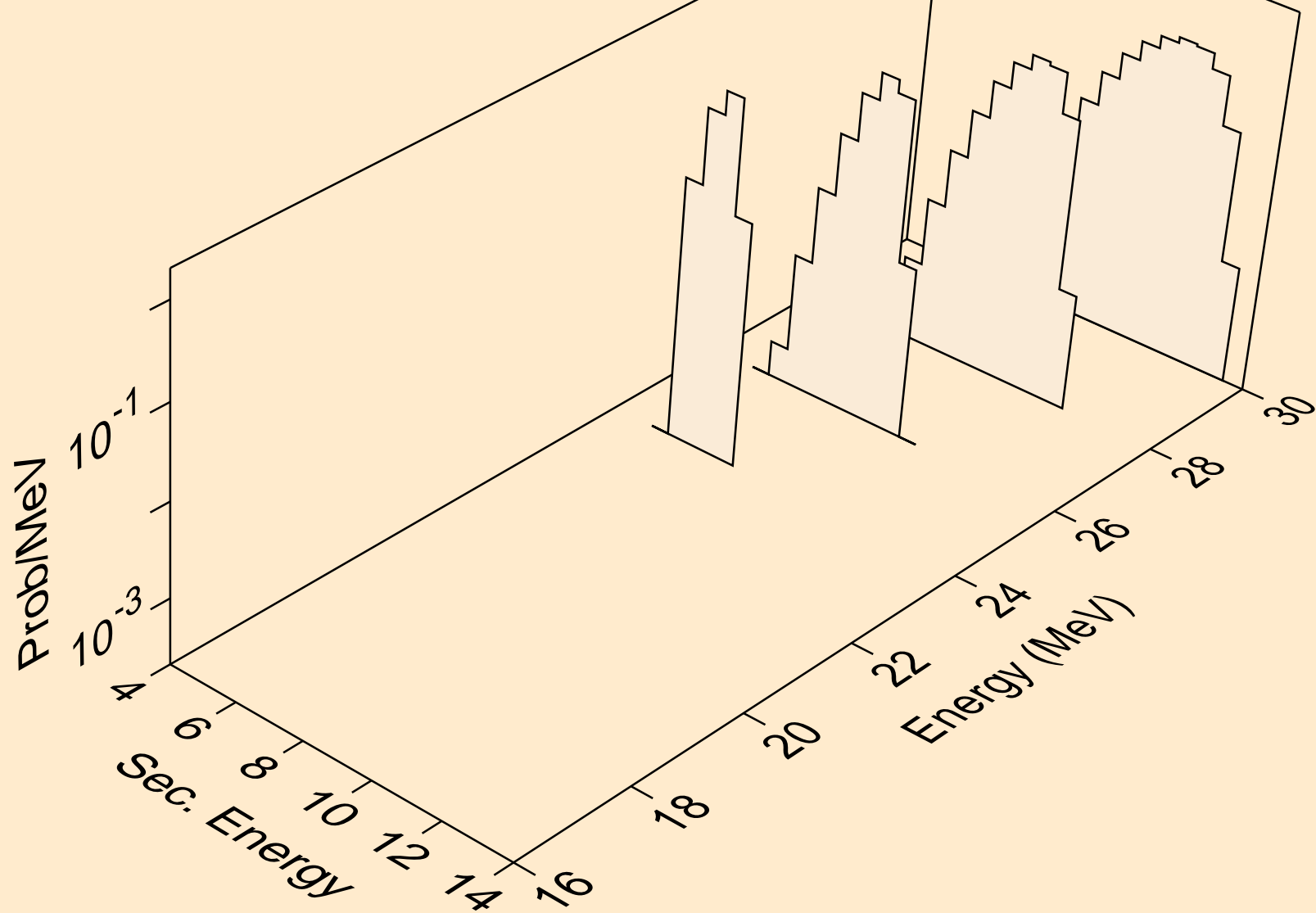
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



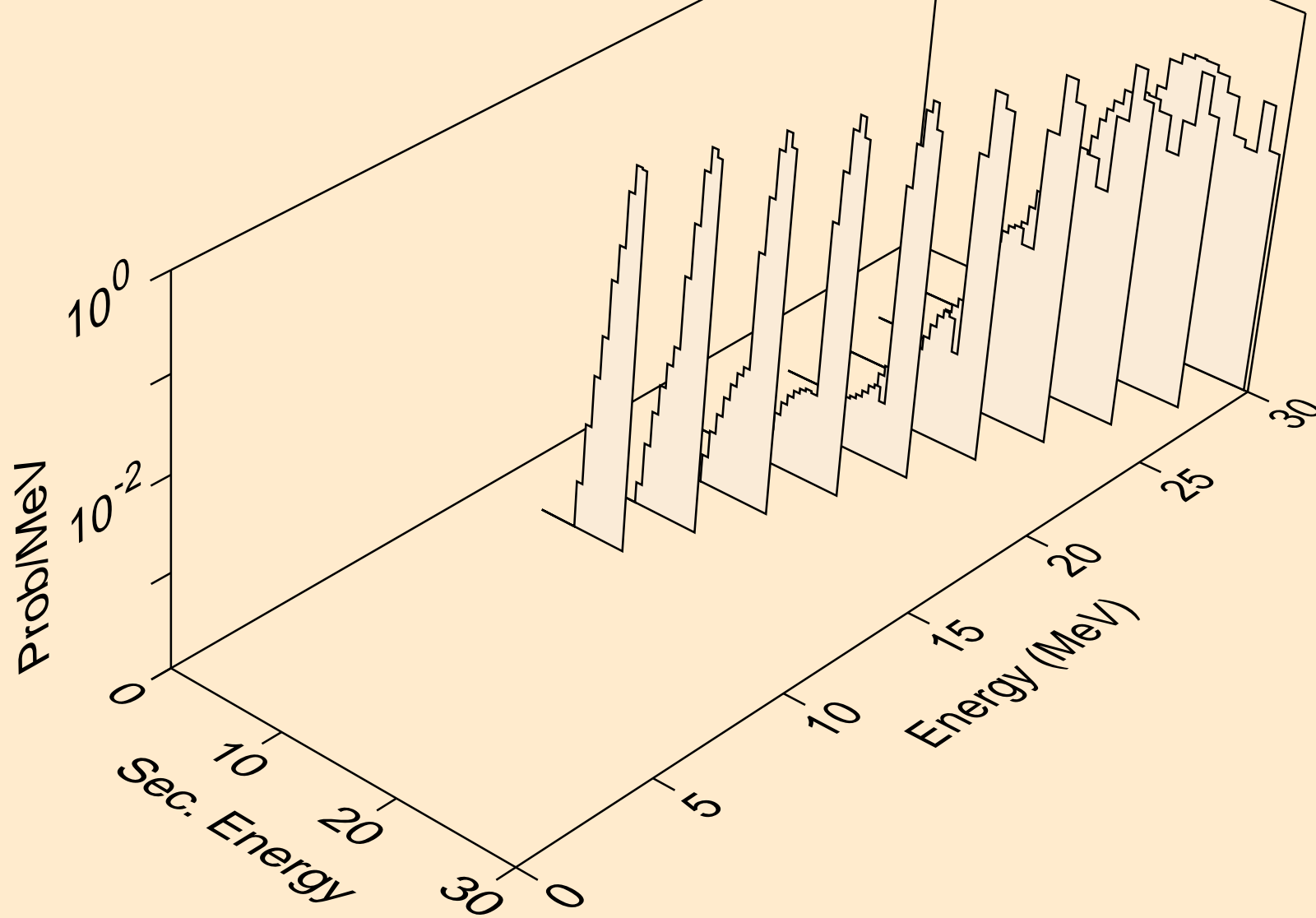
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

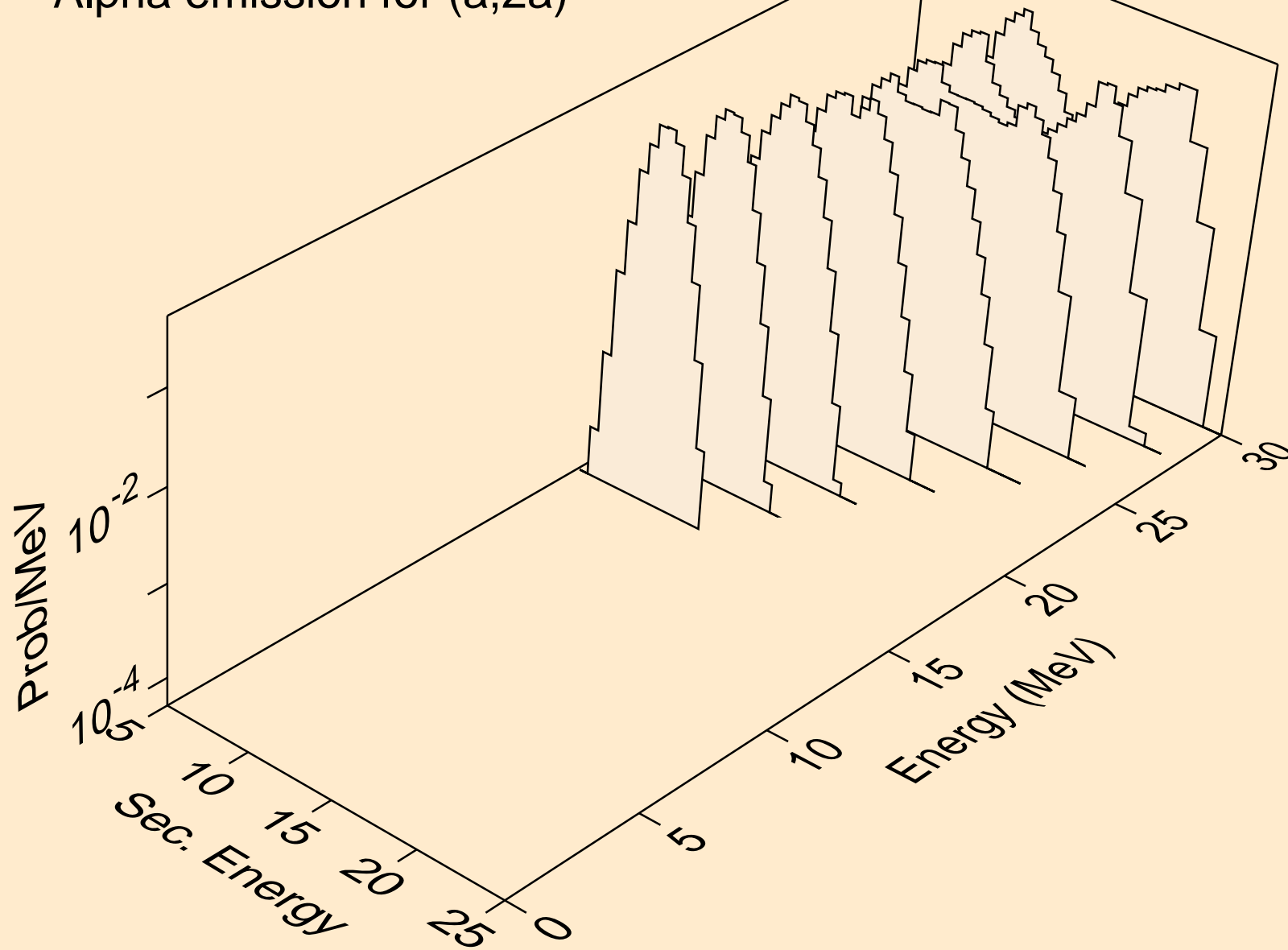


W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

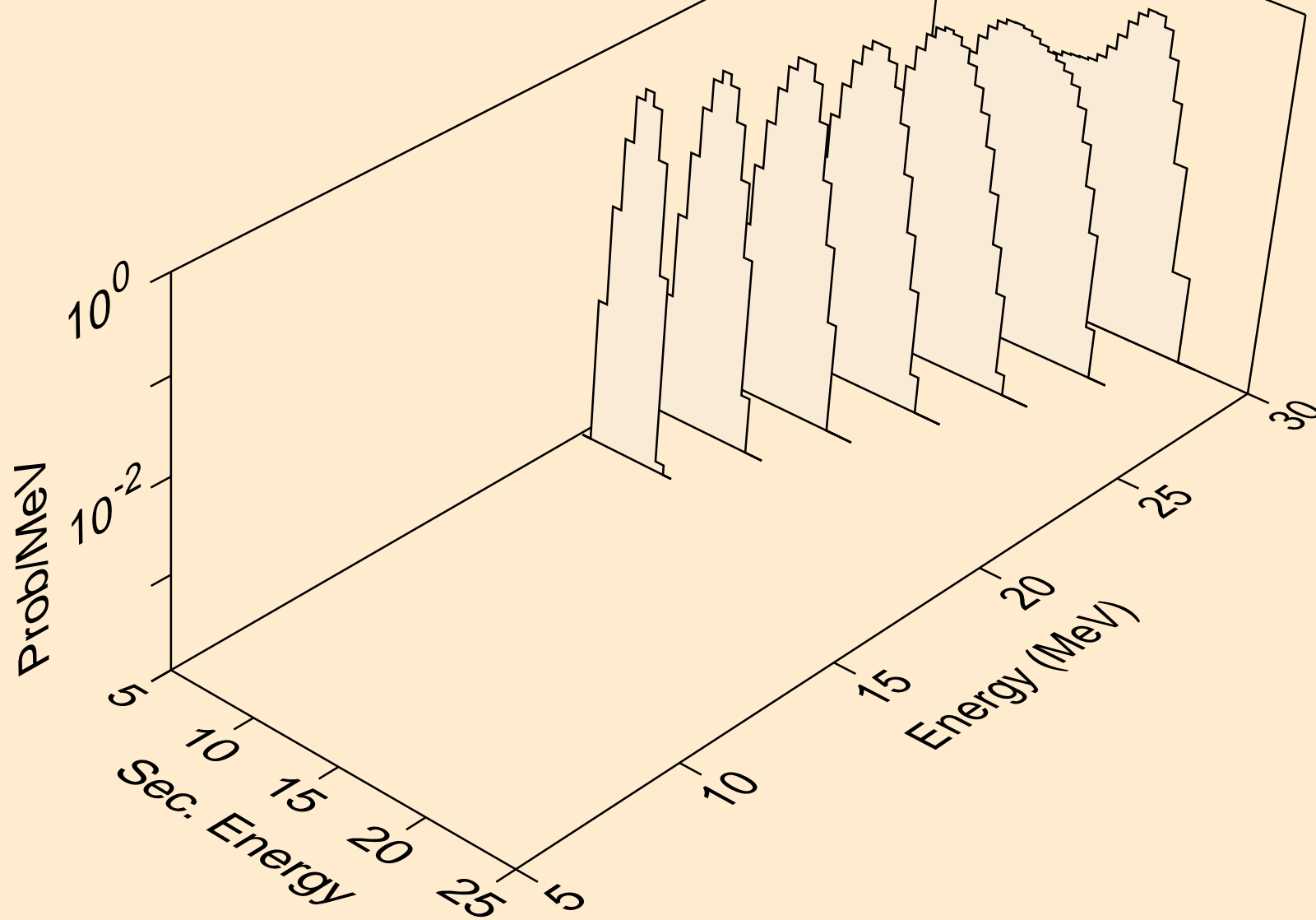


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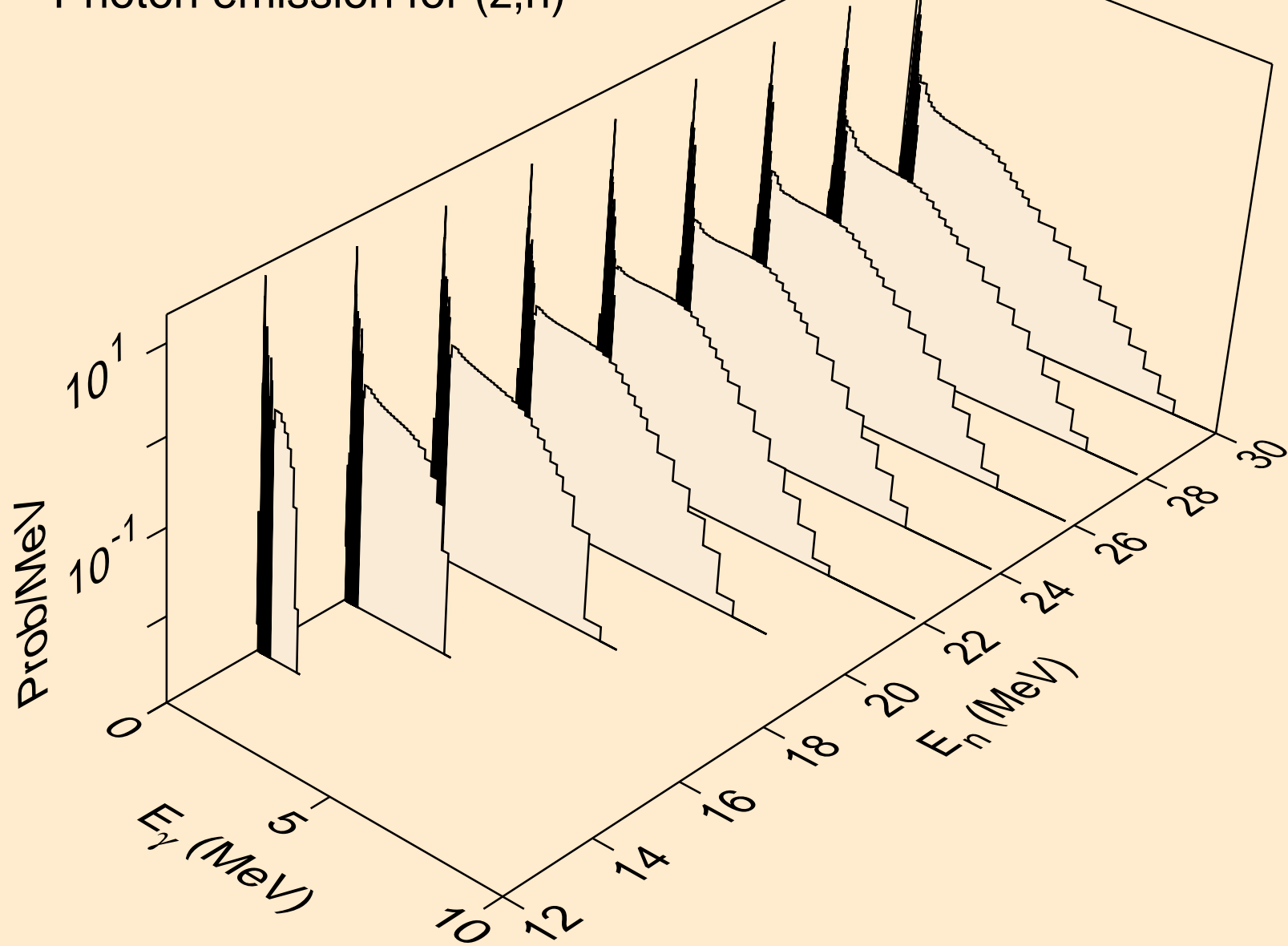
Alpha emission for (a,2a)



W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

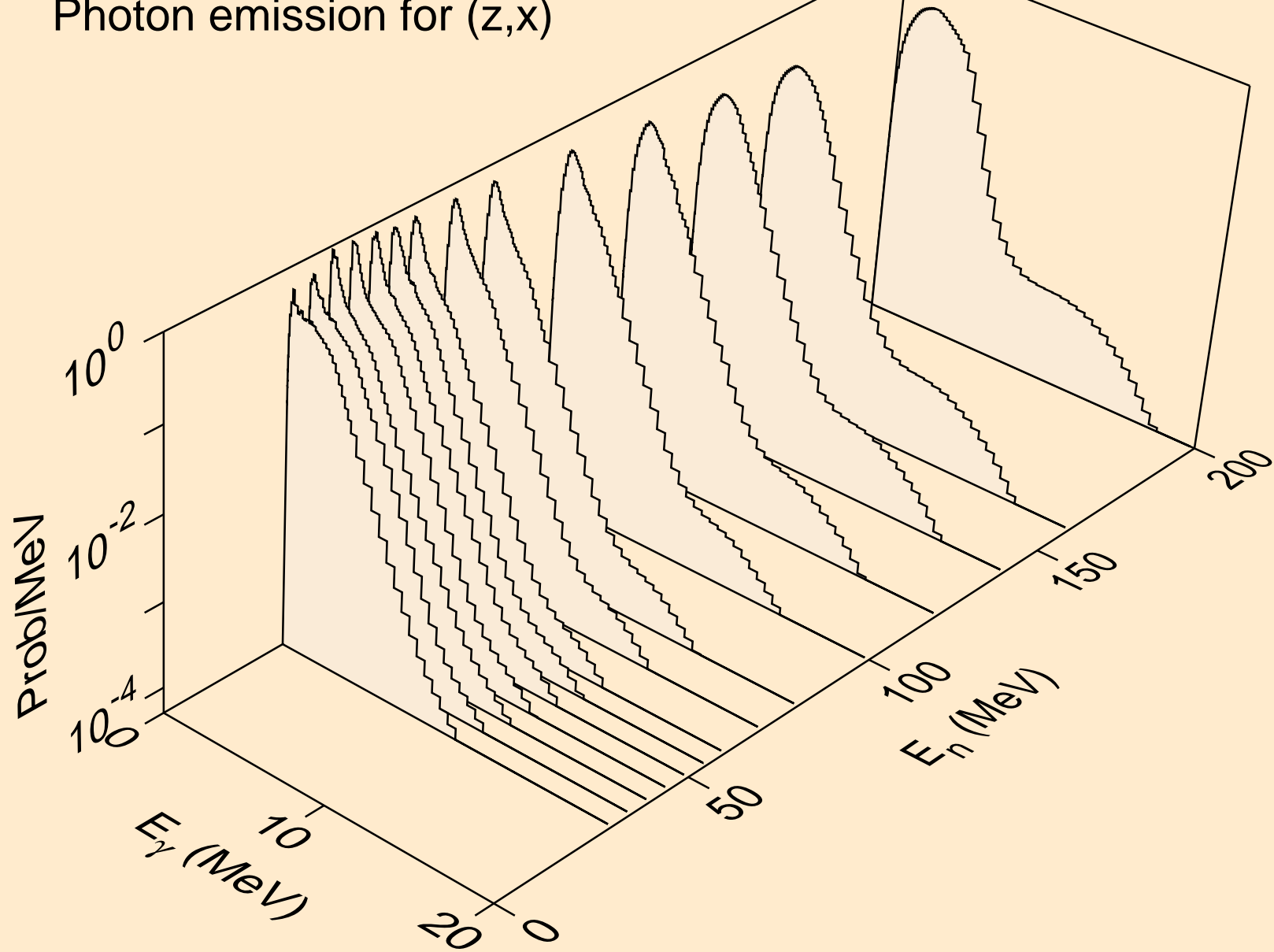


W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

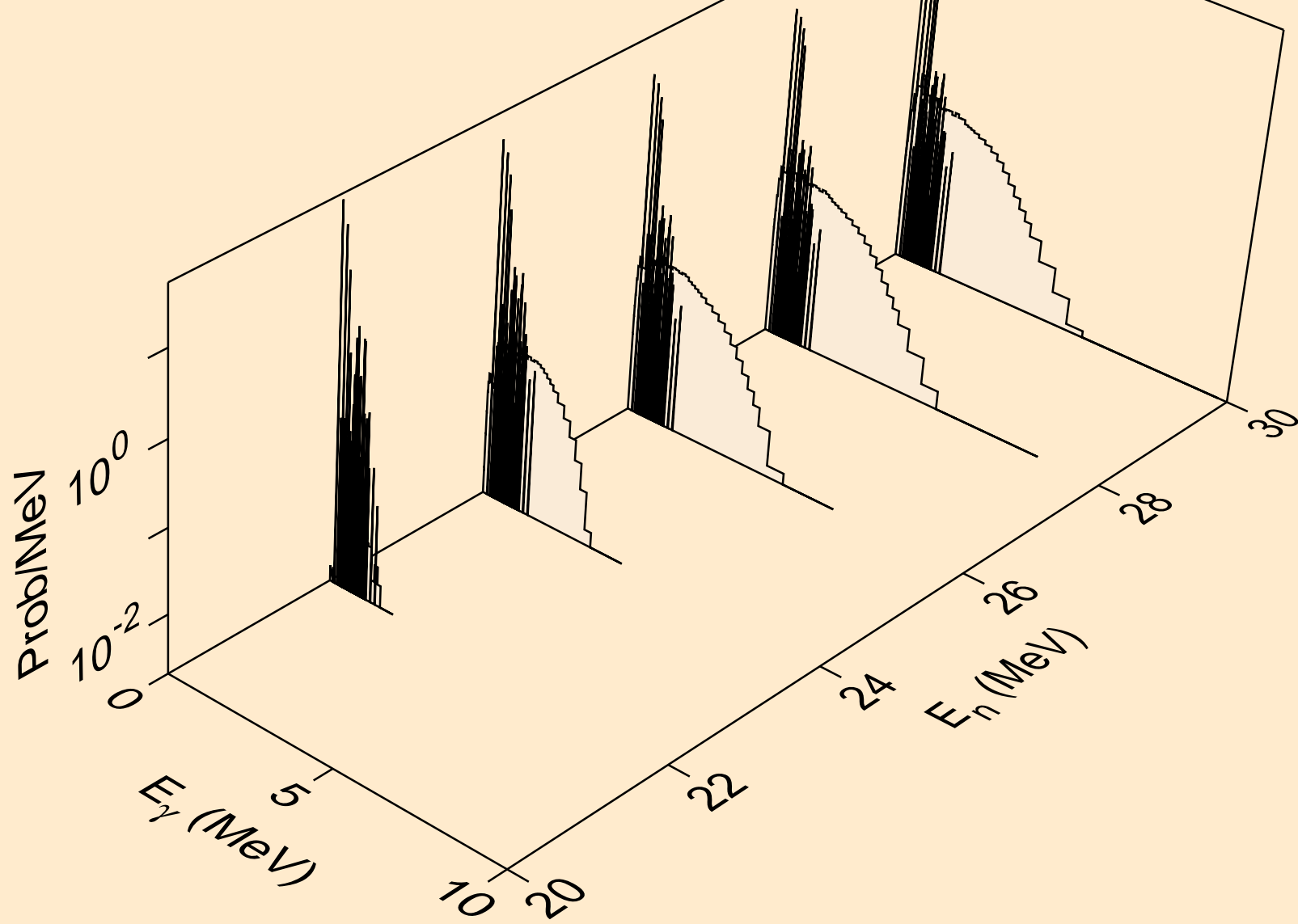


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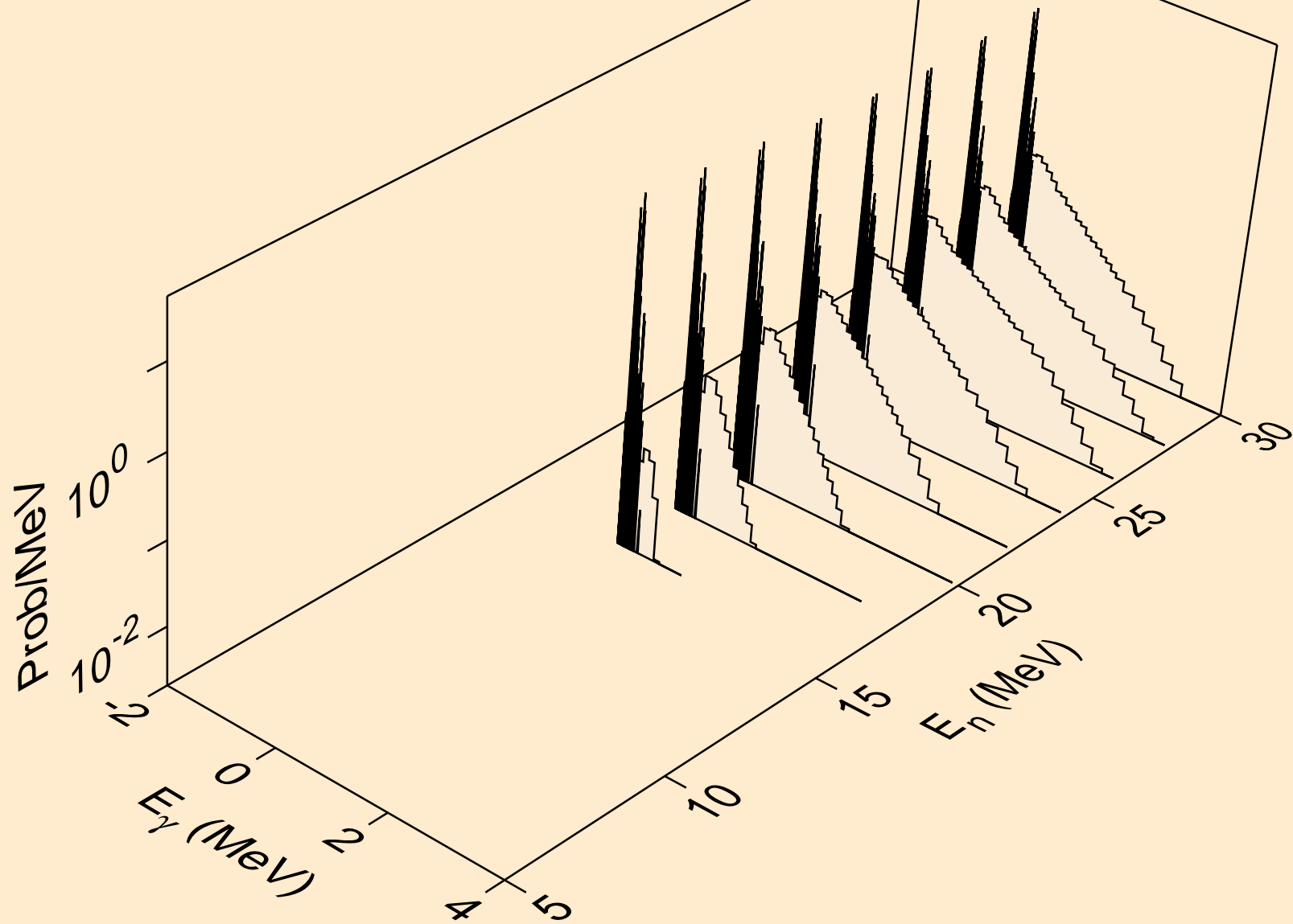
Photon emission for (z,x)



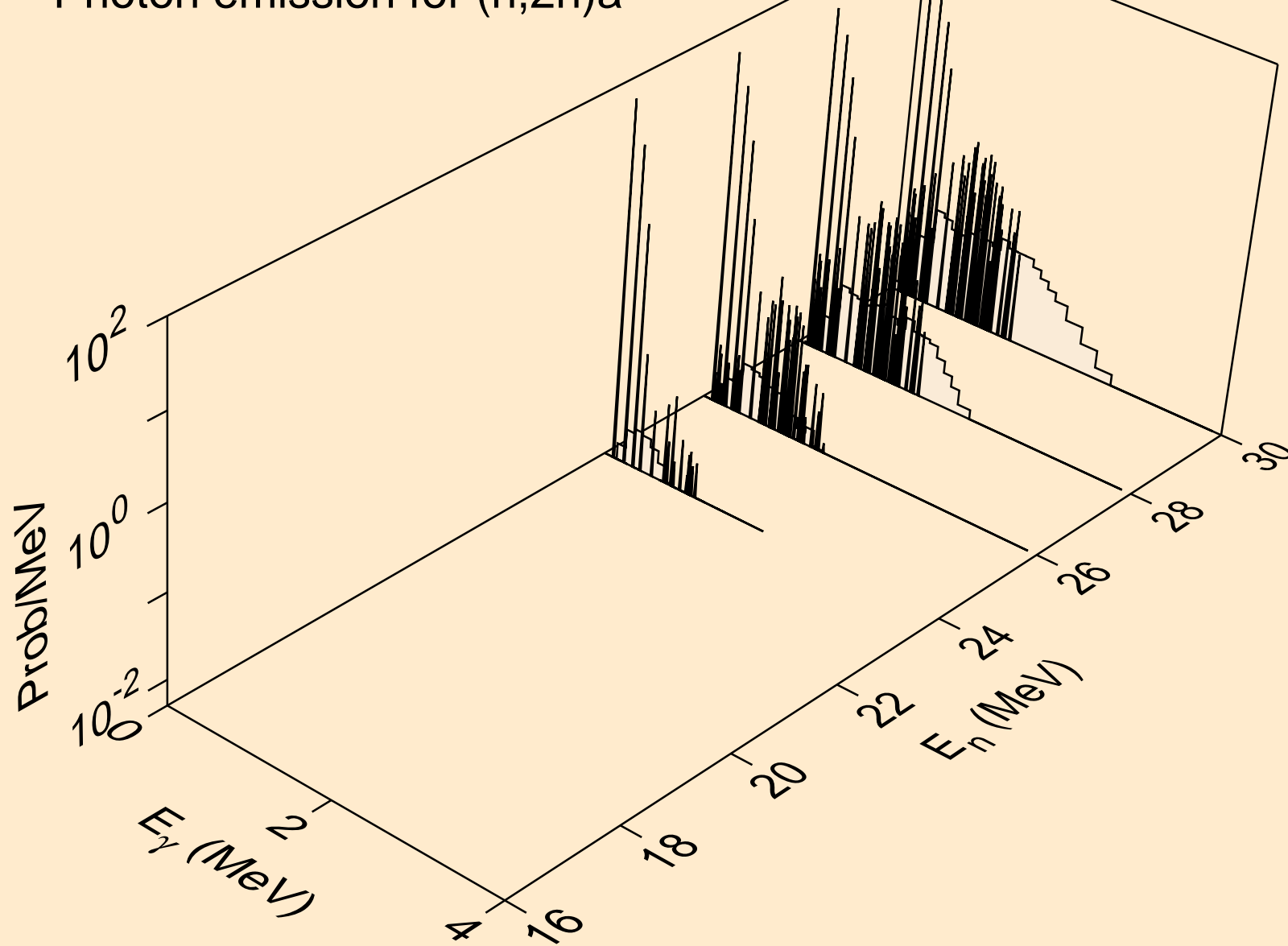
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



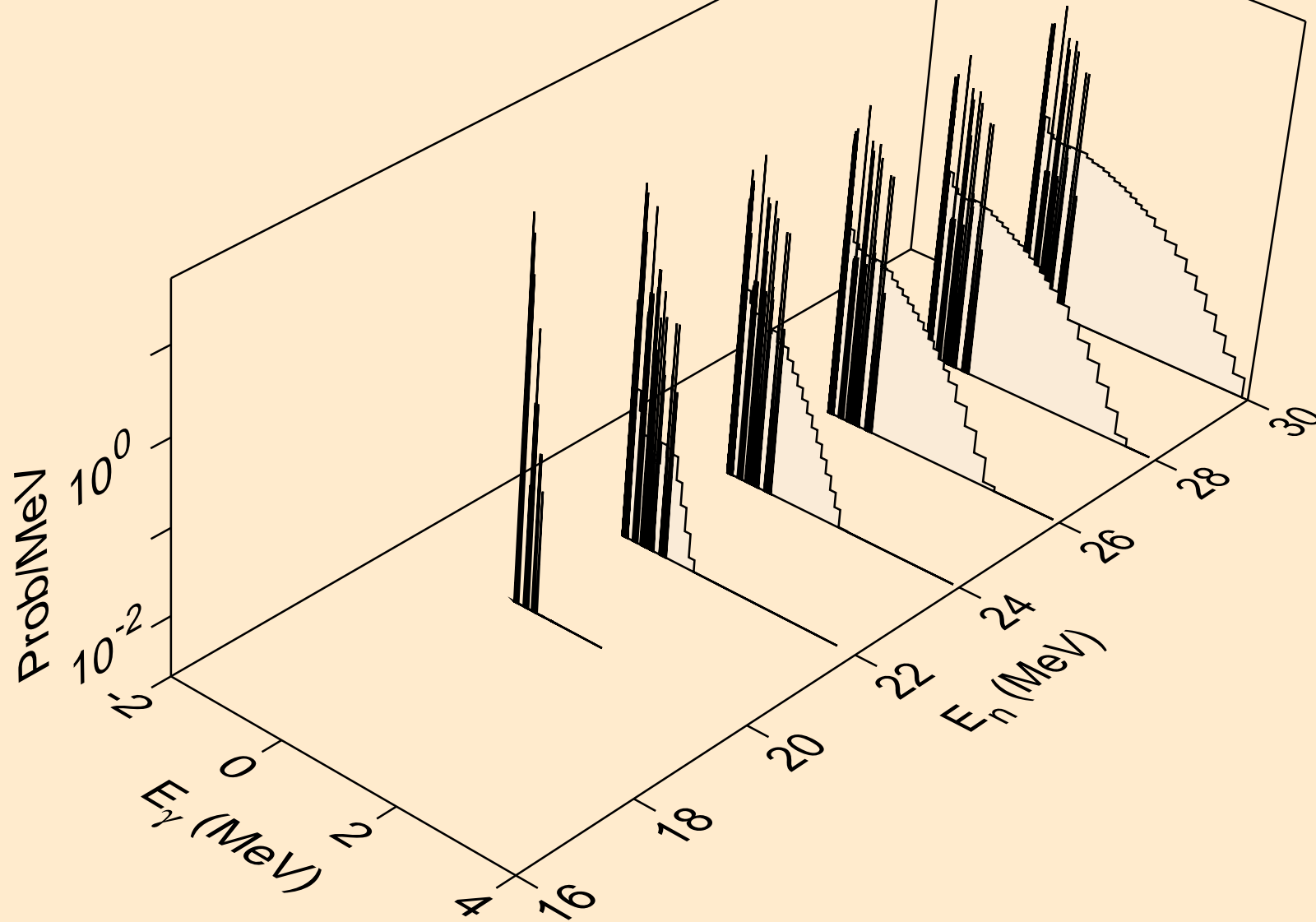
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



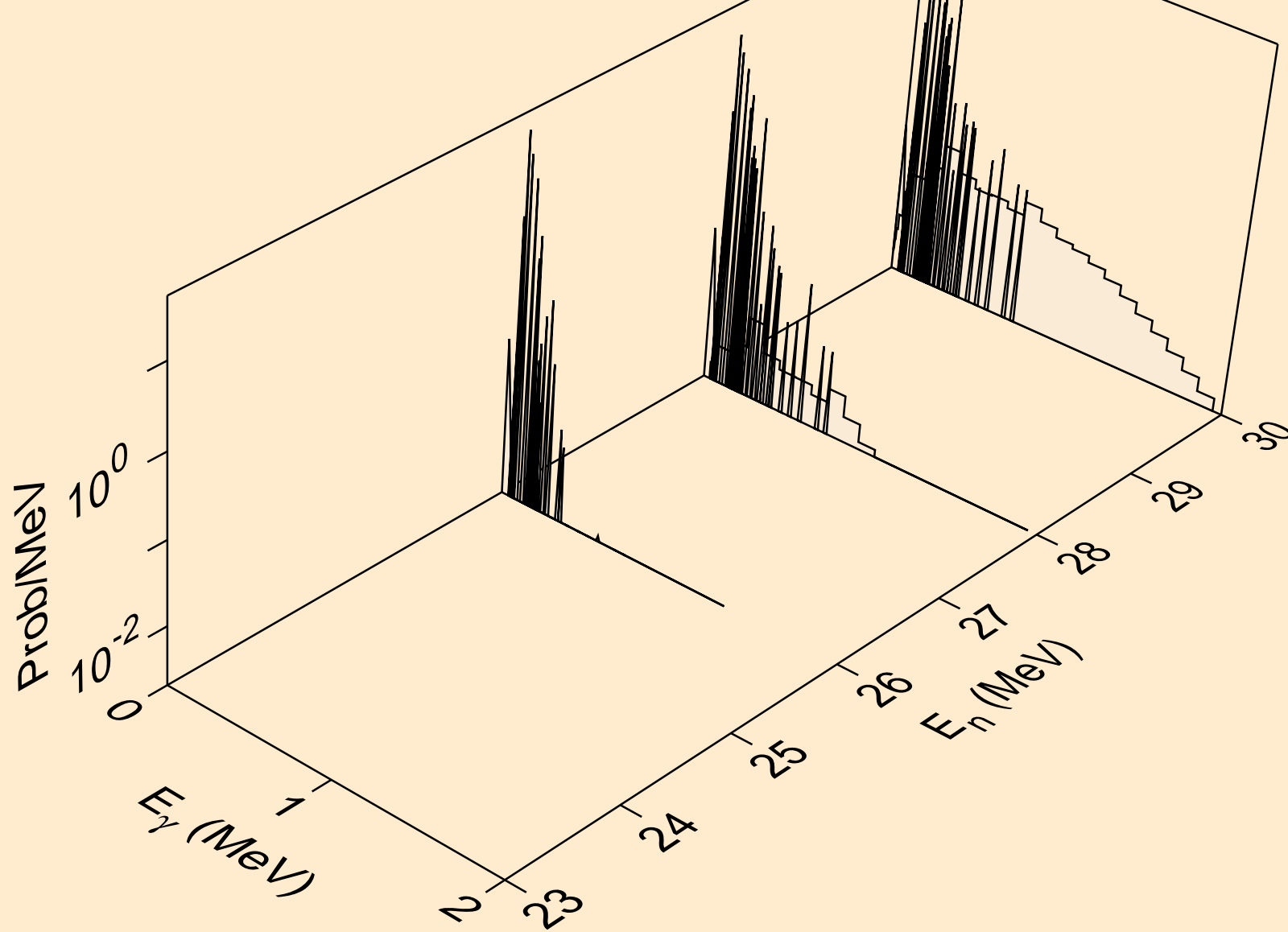
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



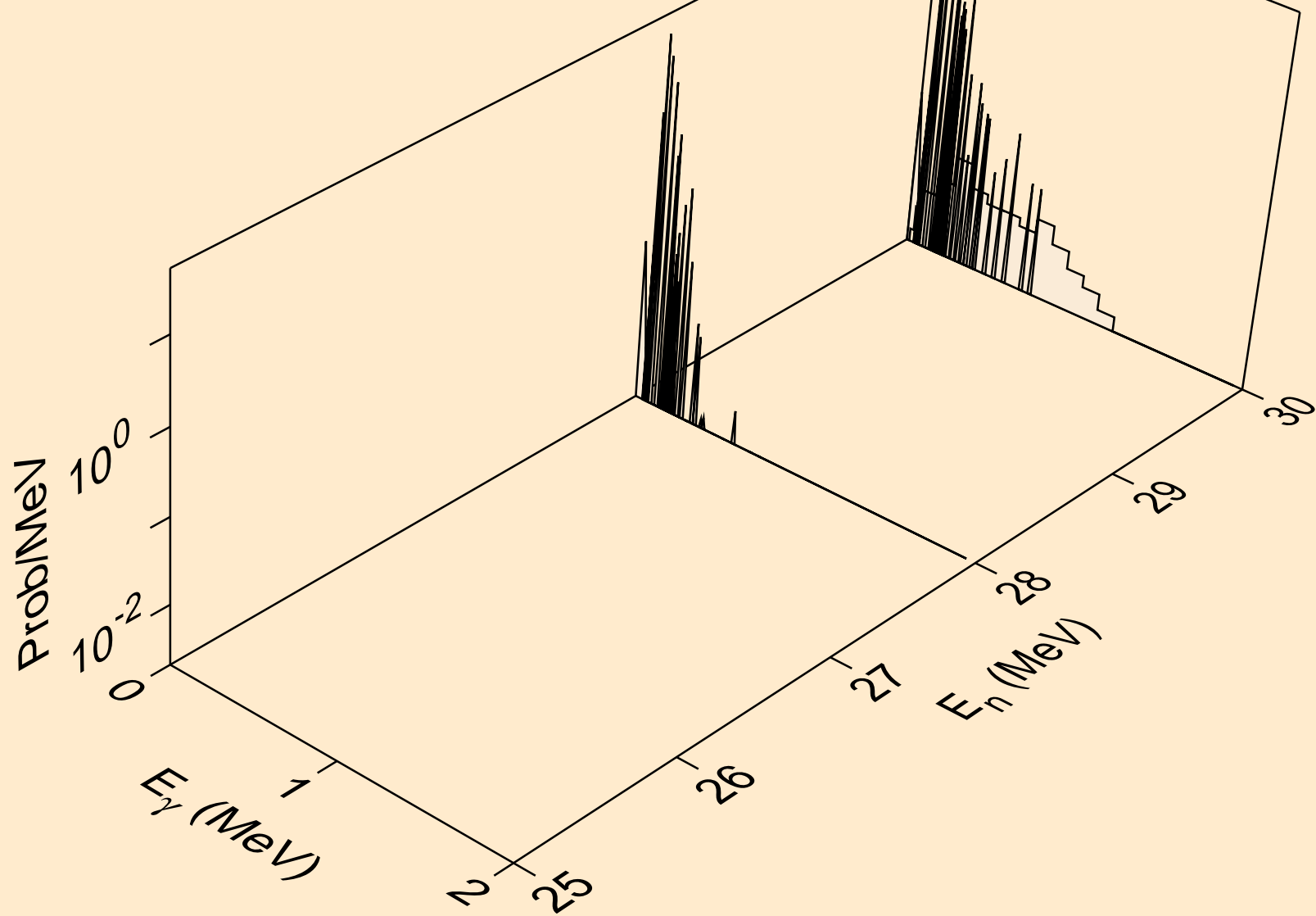
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



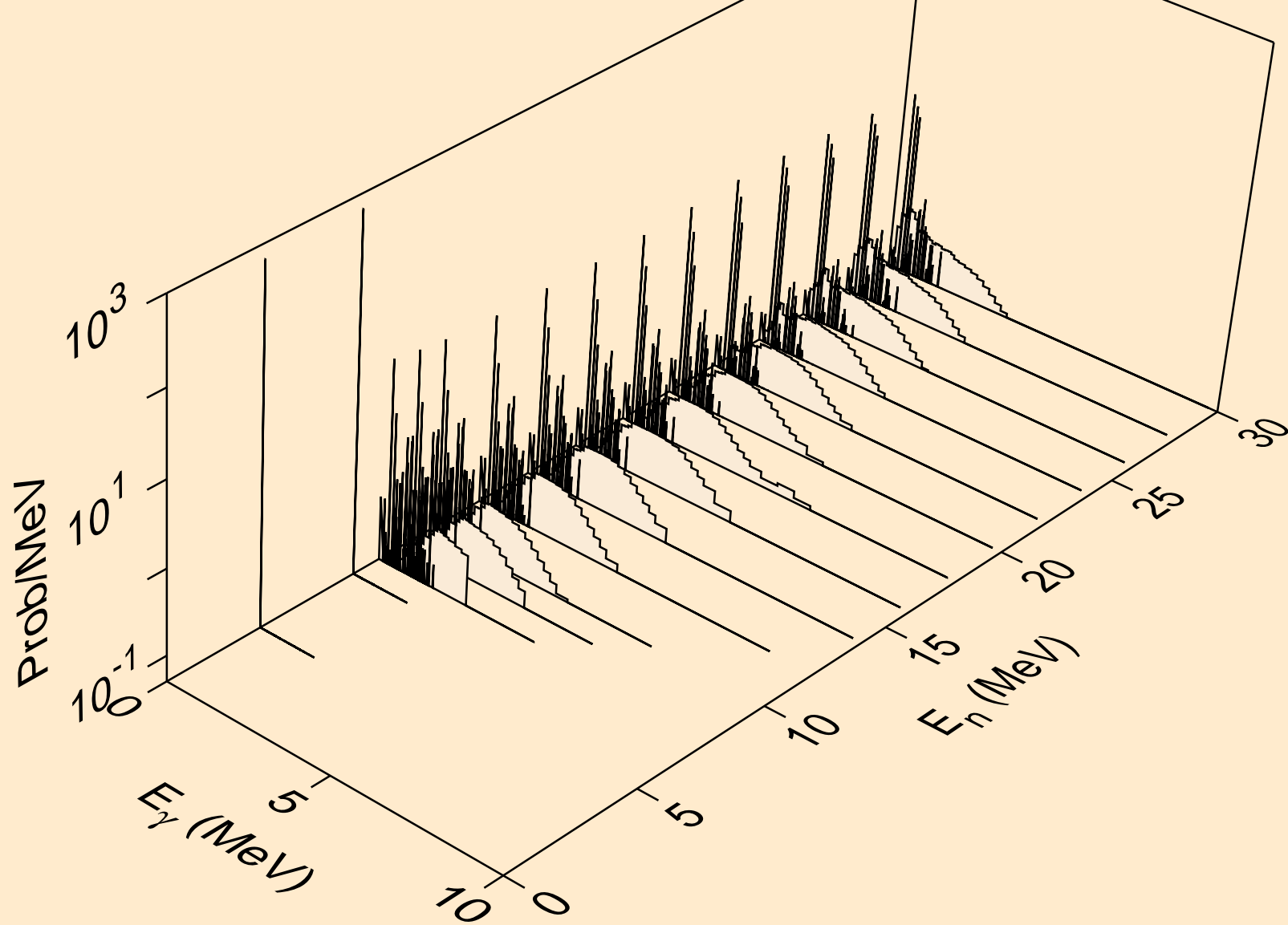
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



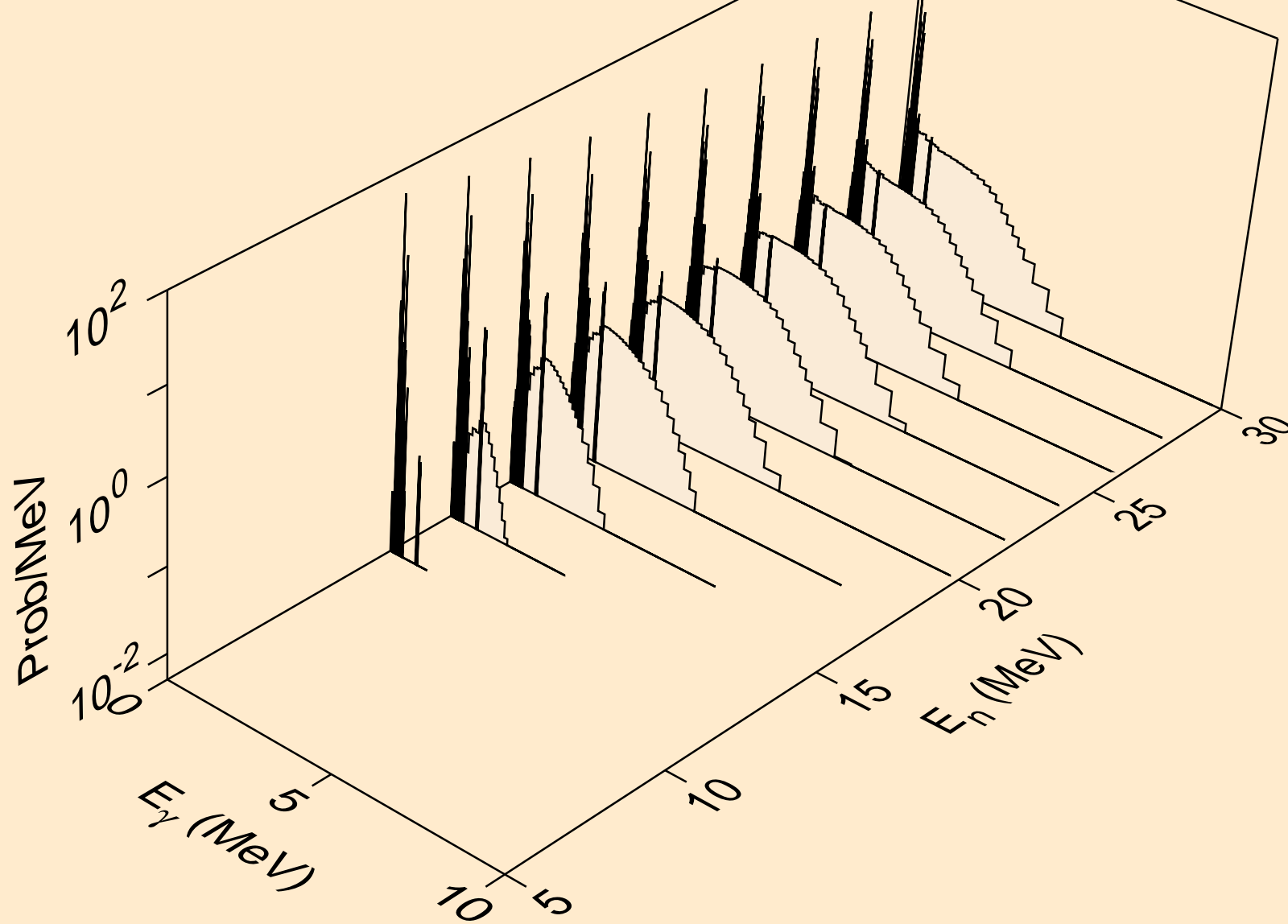
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



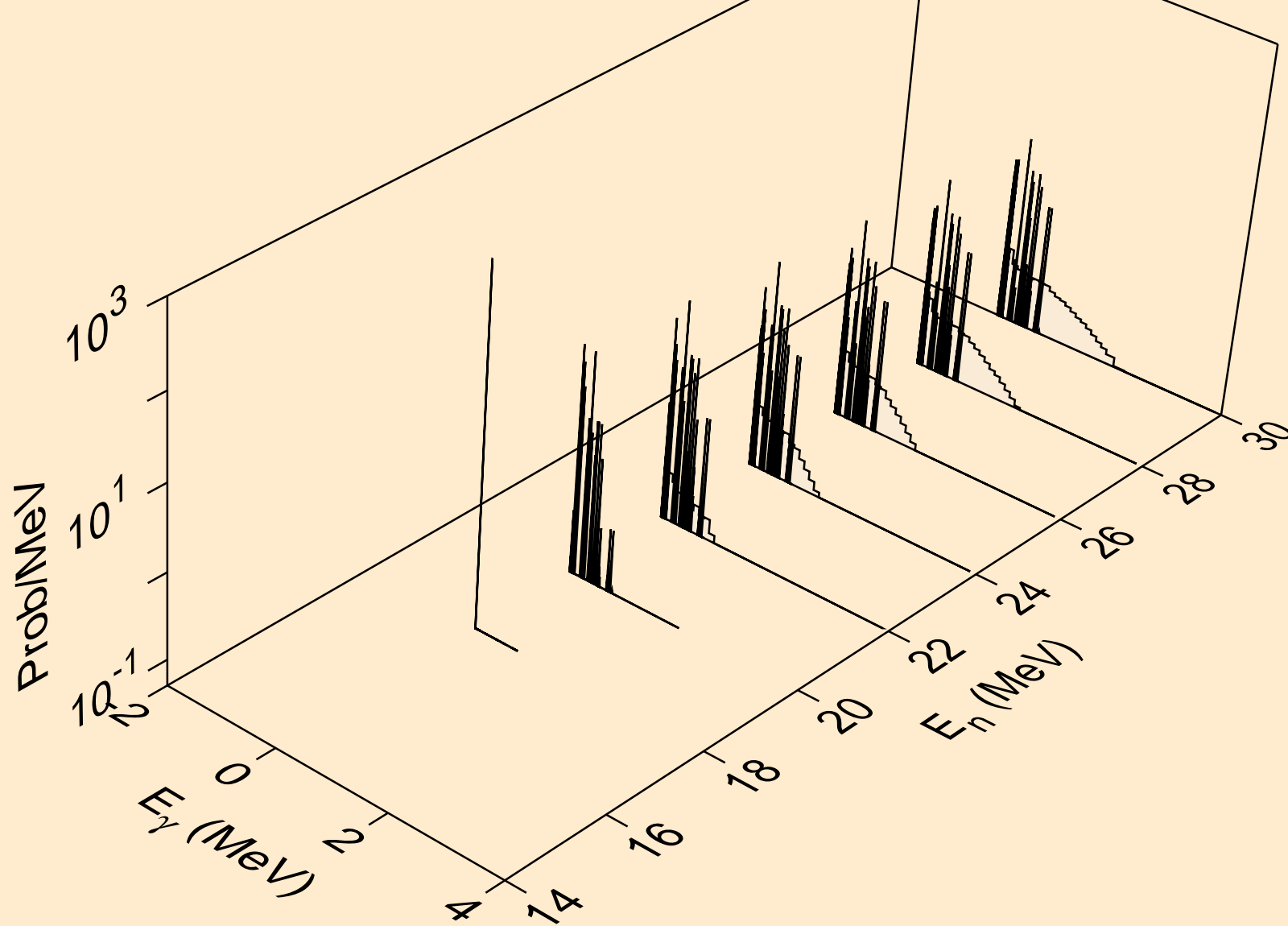
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Photon emission for (n,gma)



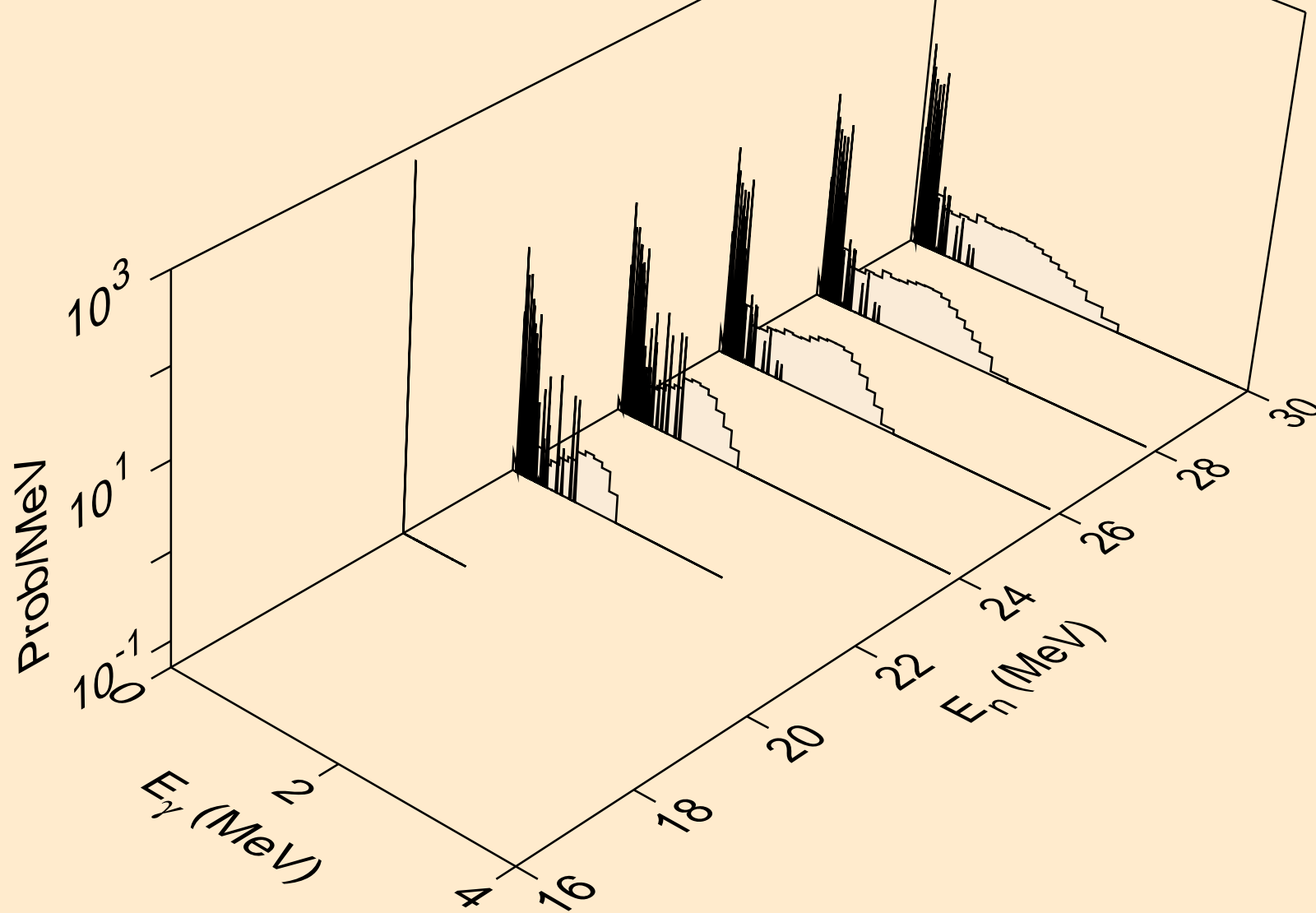
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Photon emission for (n,p)



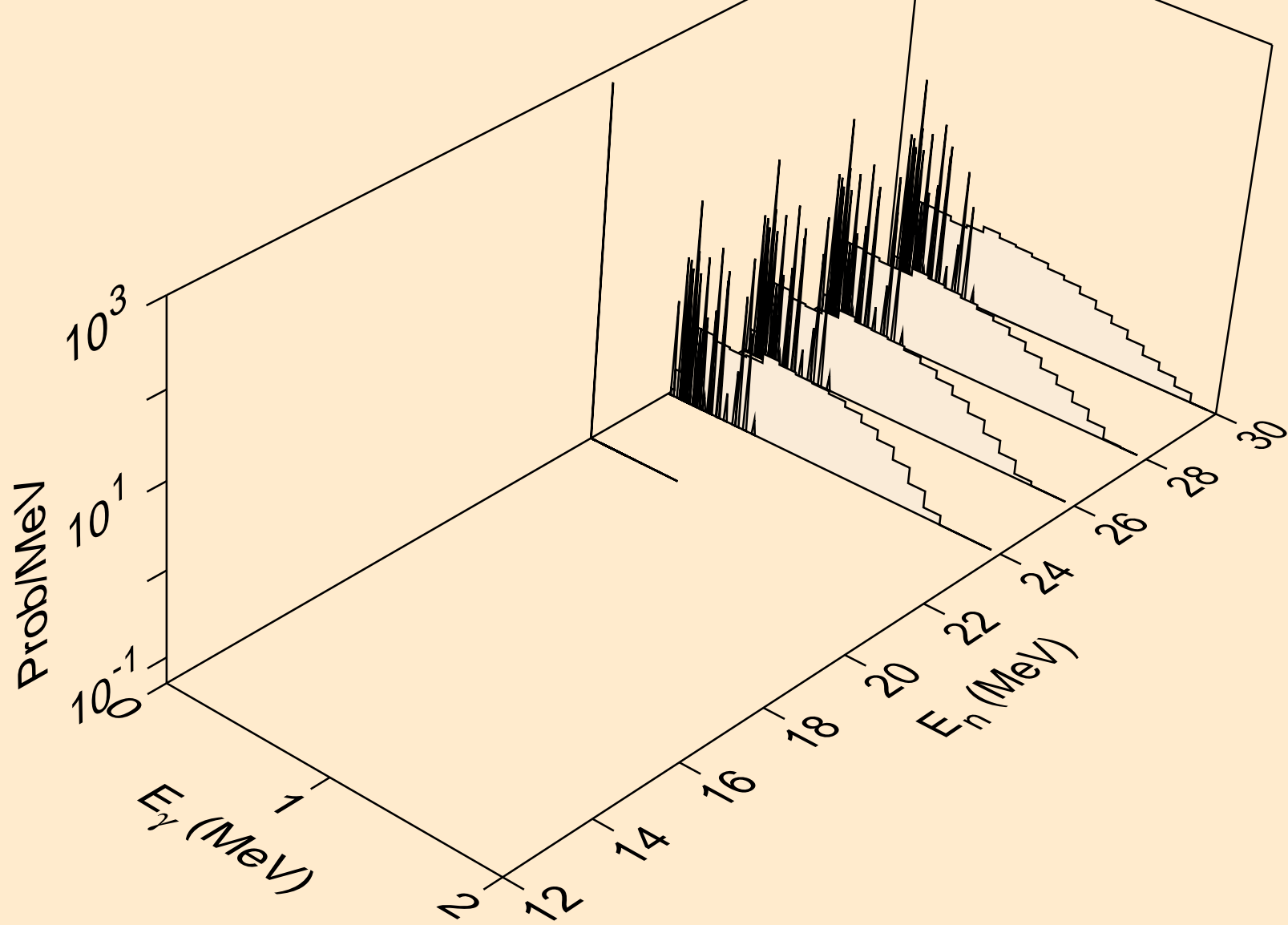
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Photon emission for (n,d)



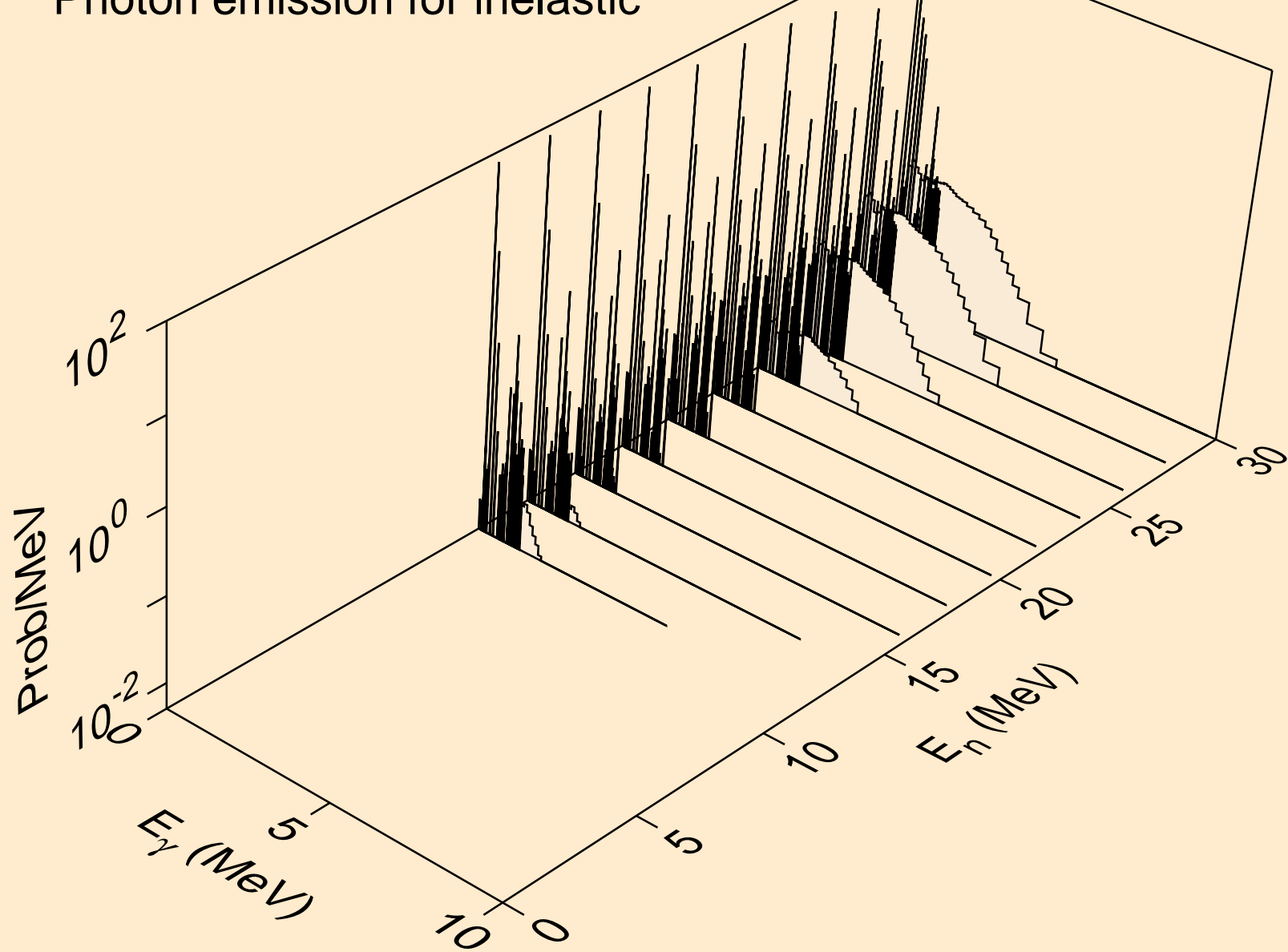
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



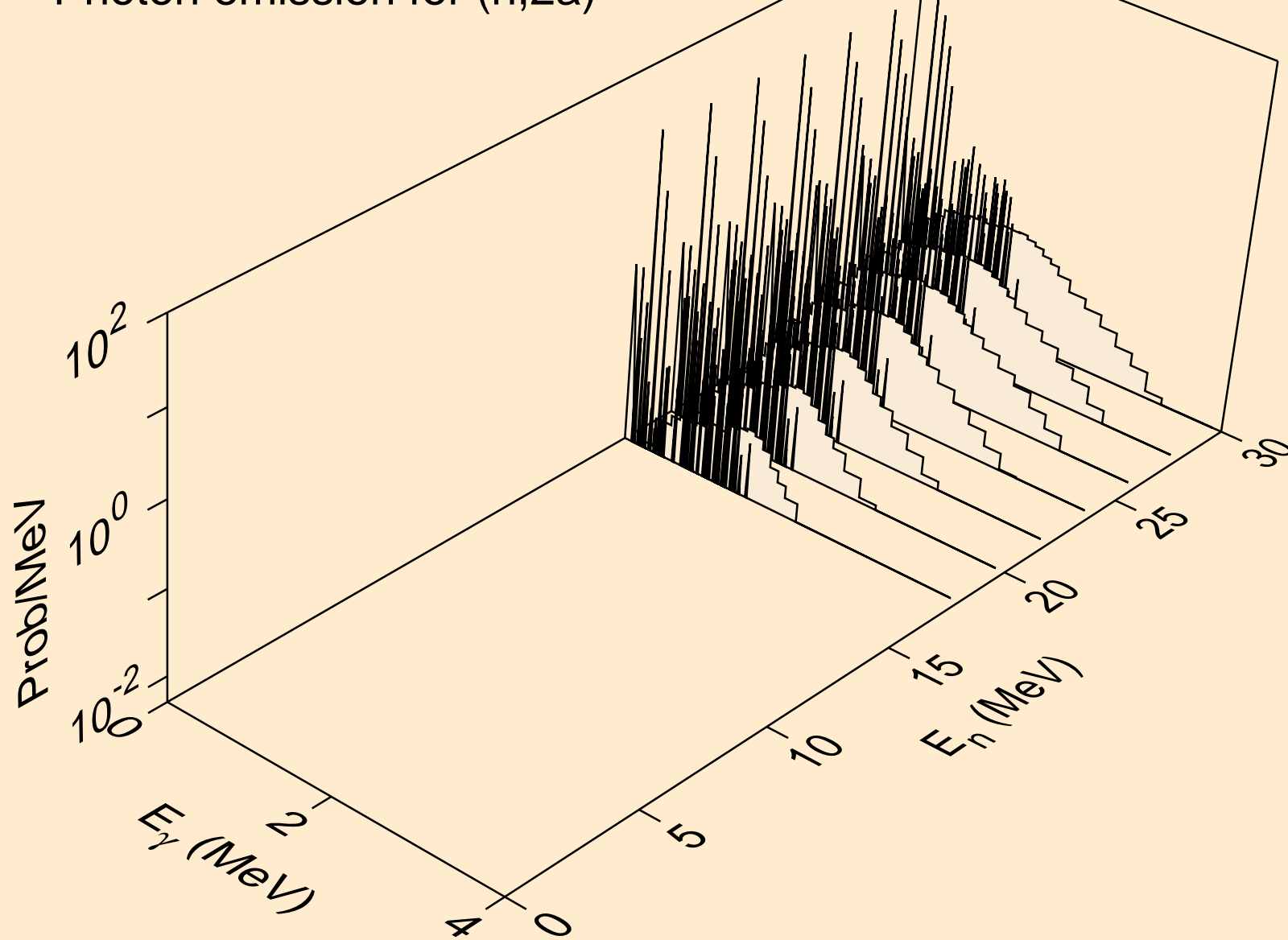
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Photon emission for (n,he3)



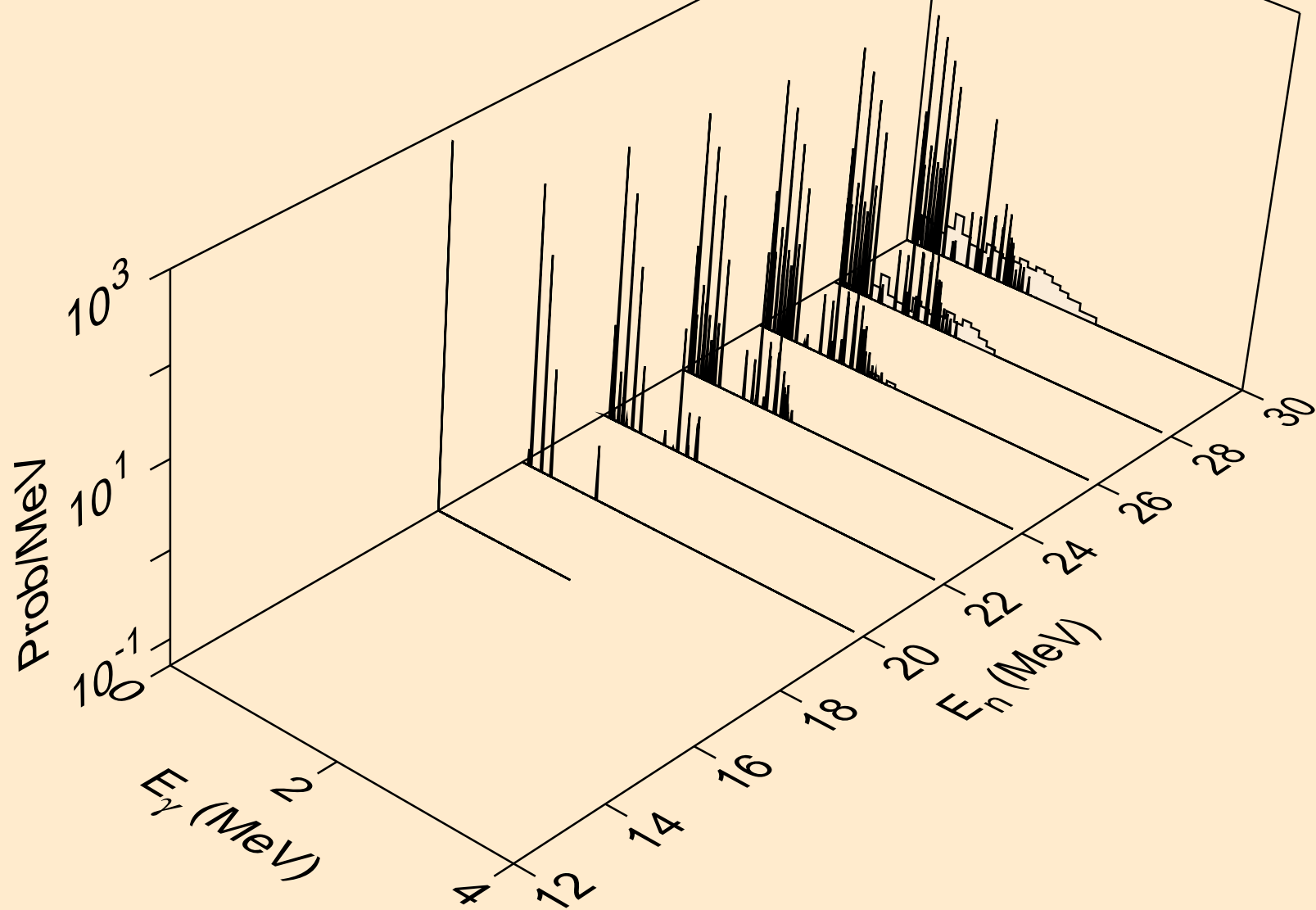
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



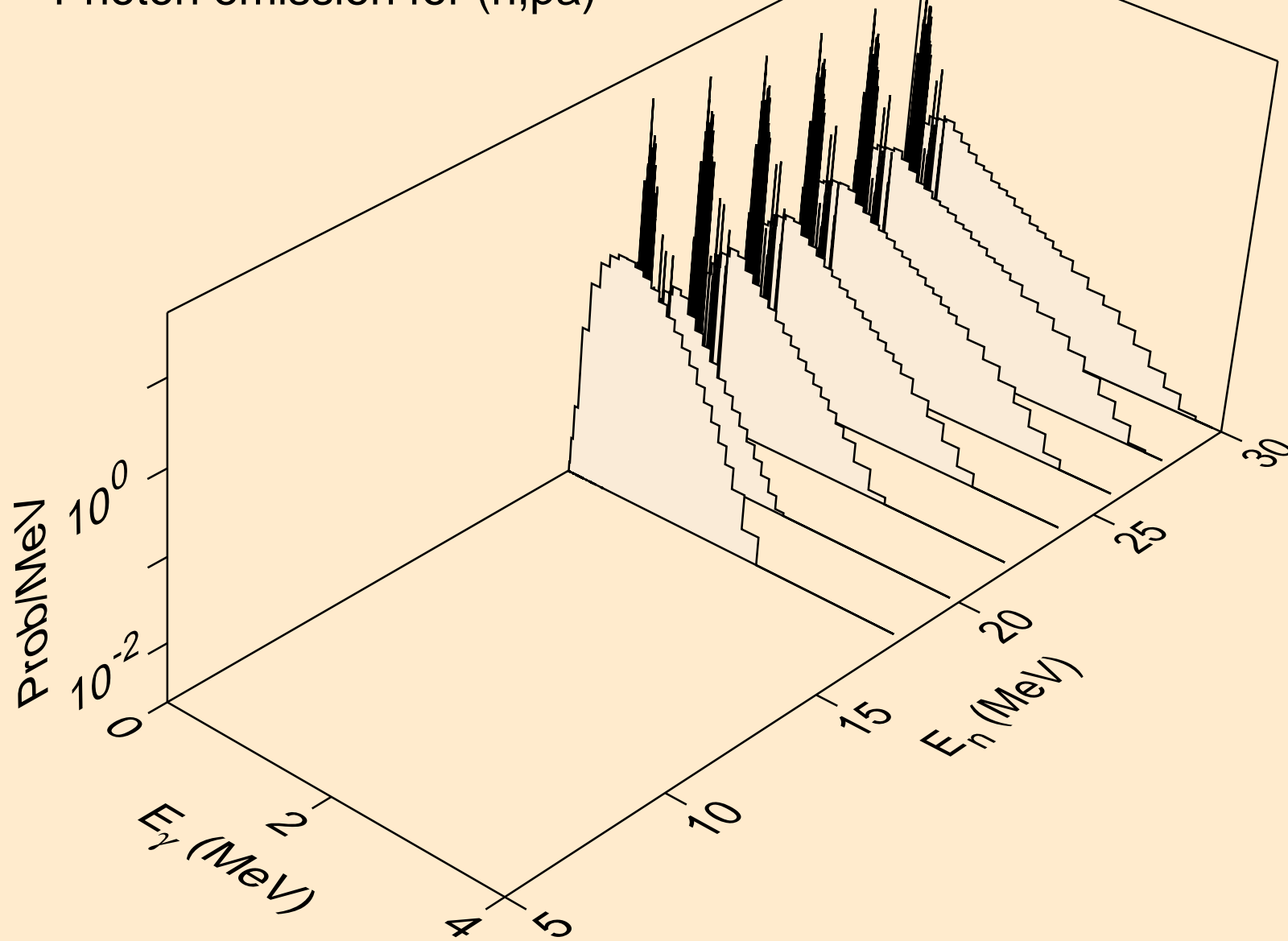
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Photon emission for (n,2a)



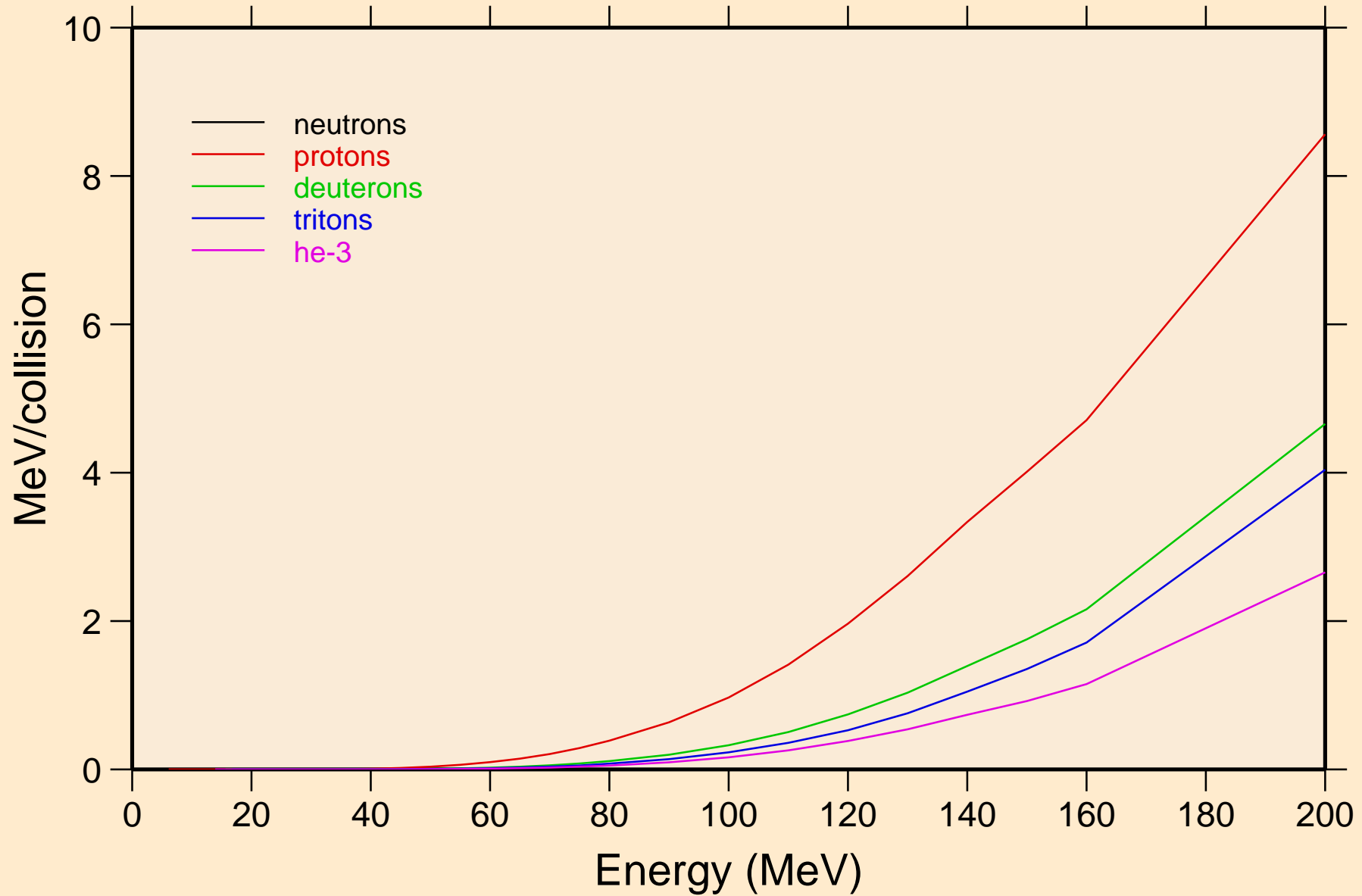
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Photon emission for (n,2p)



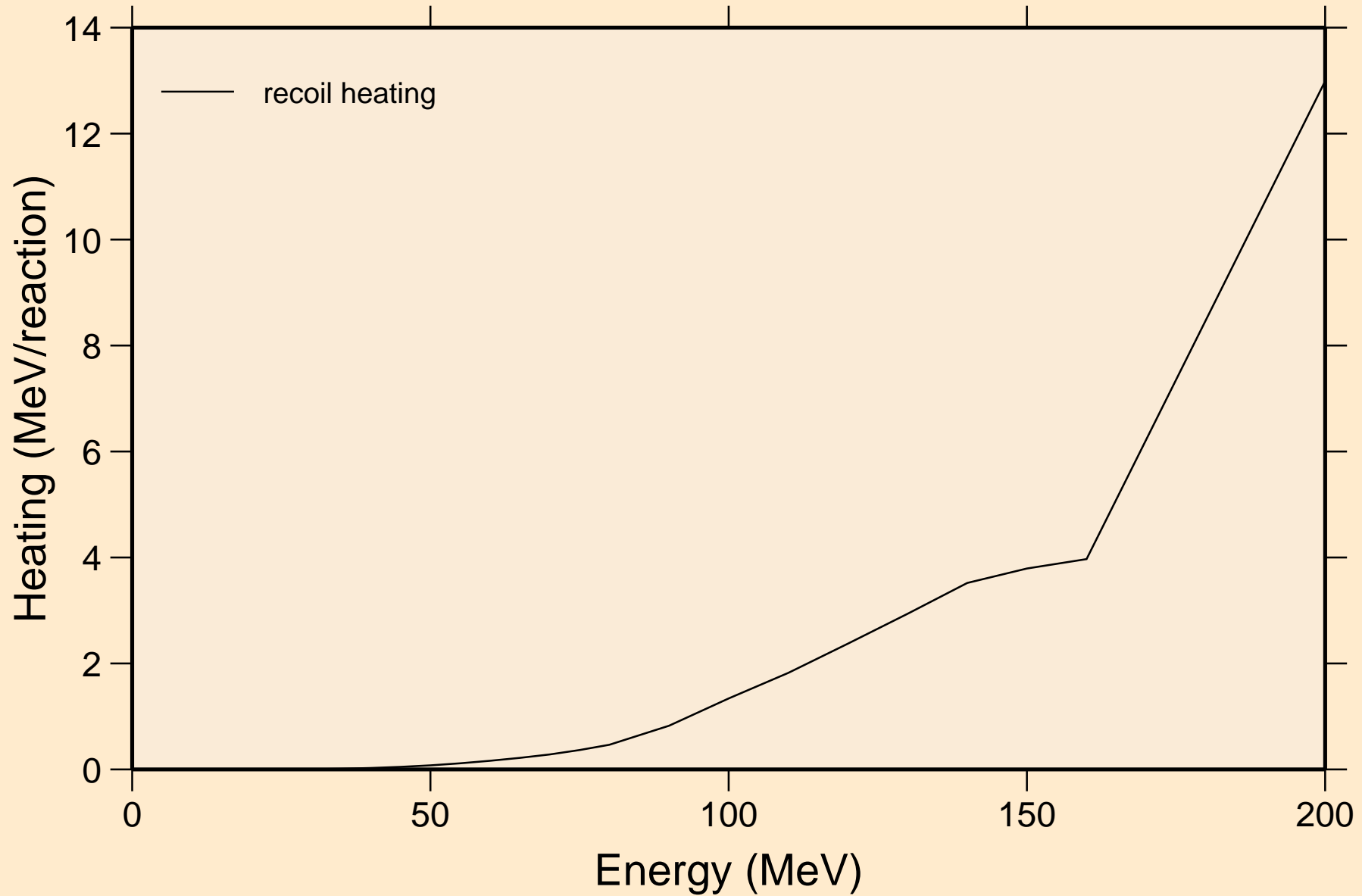
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



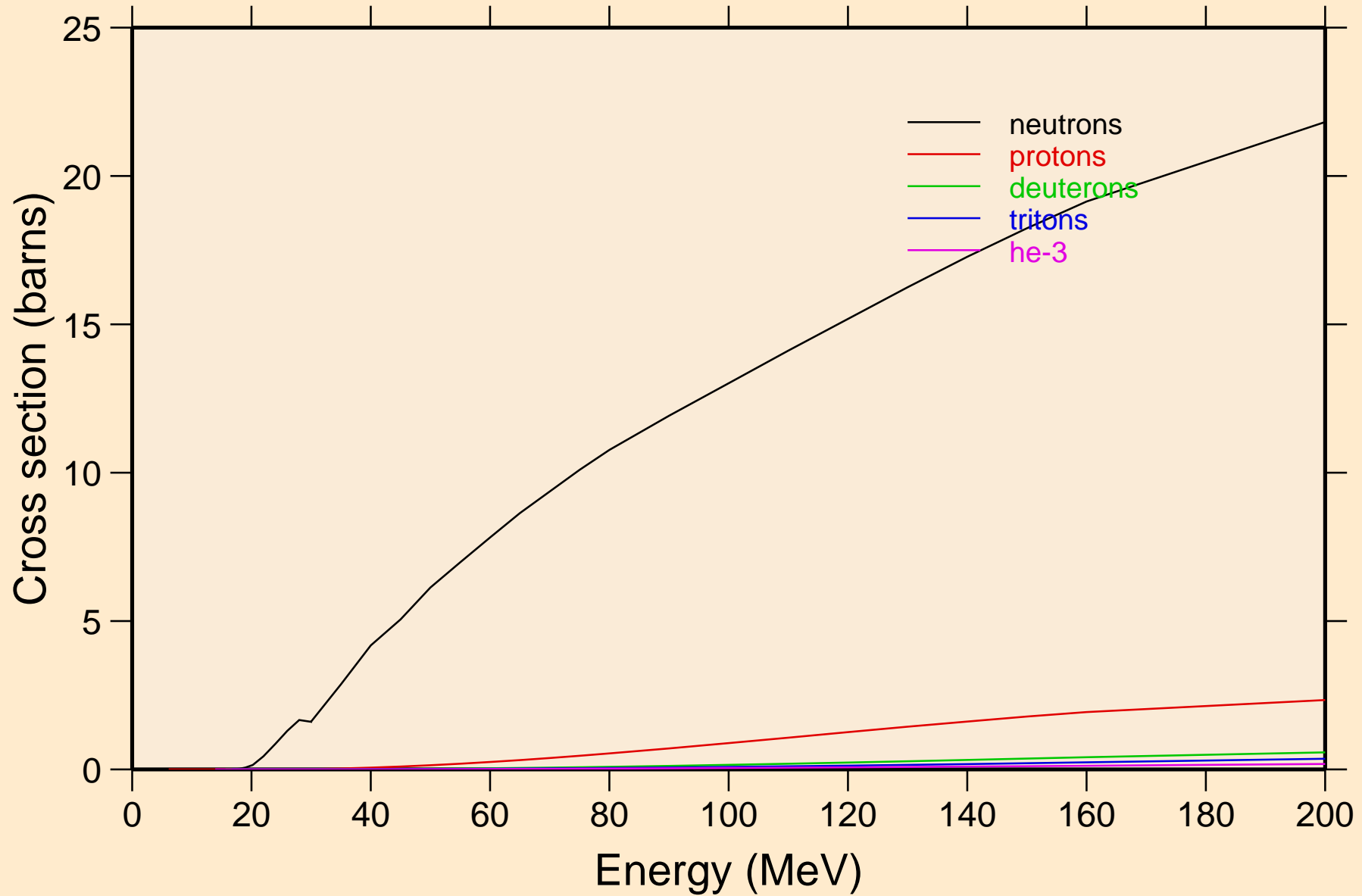
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



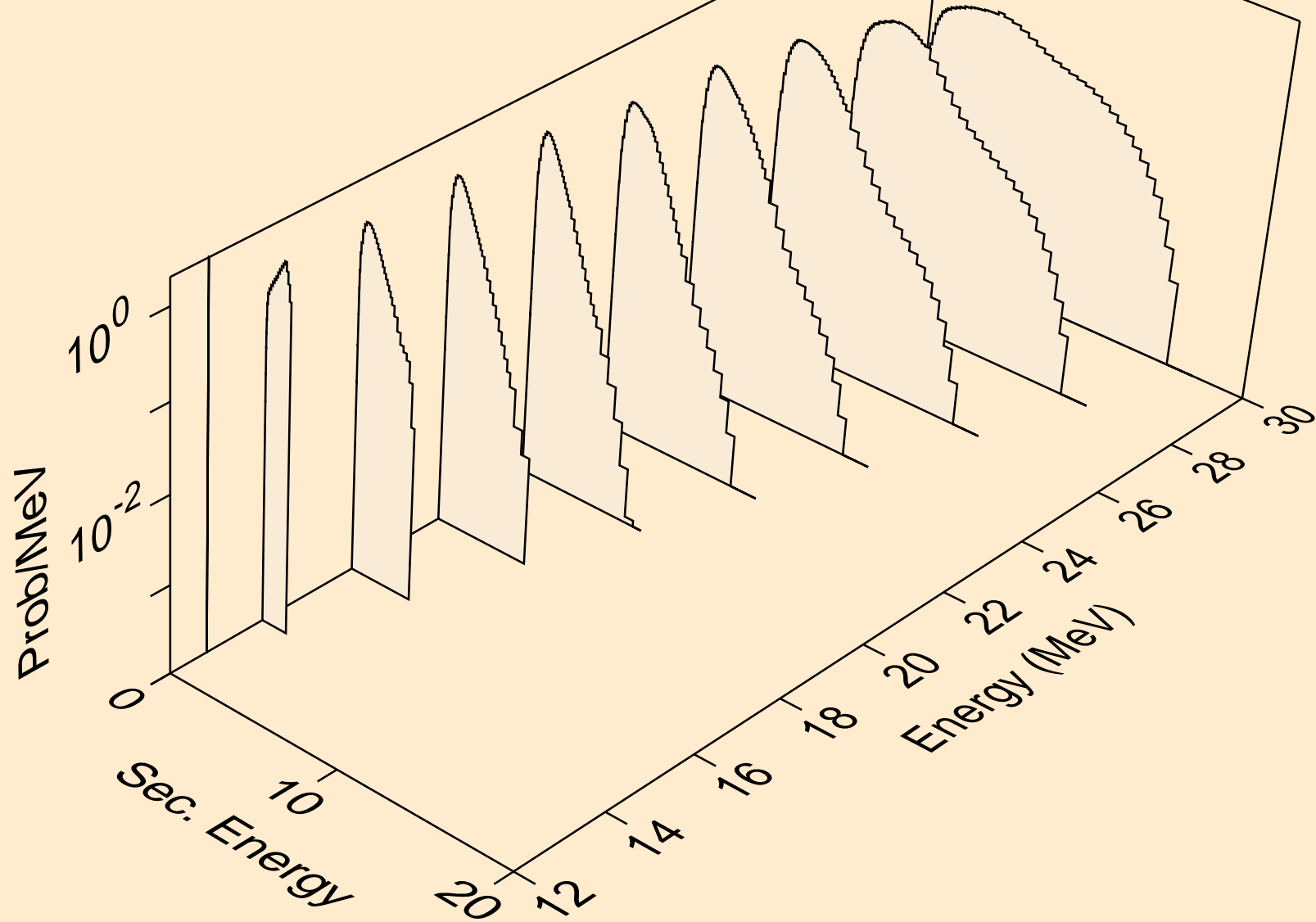
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



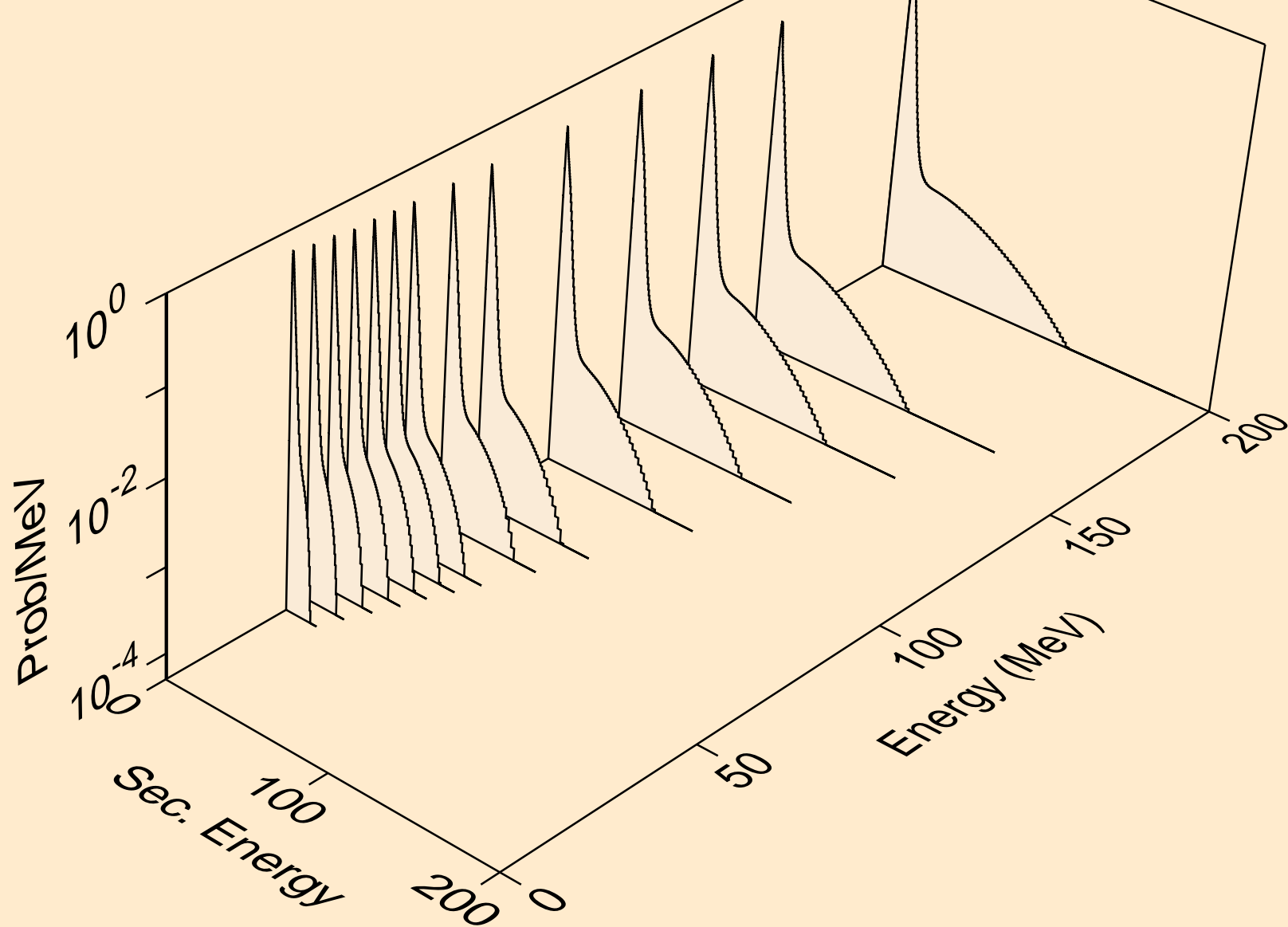
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



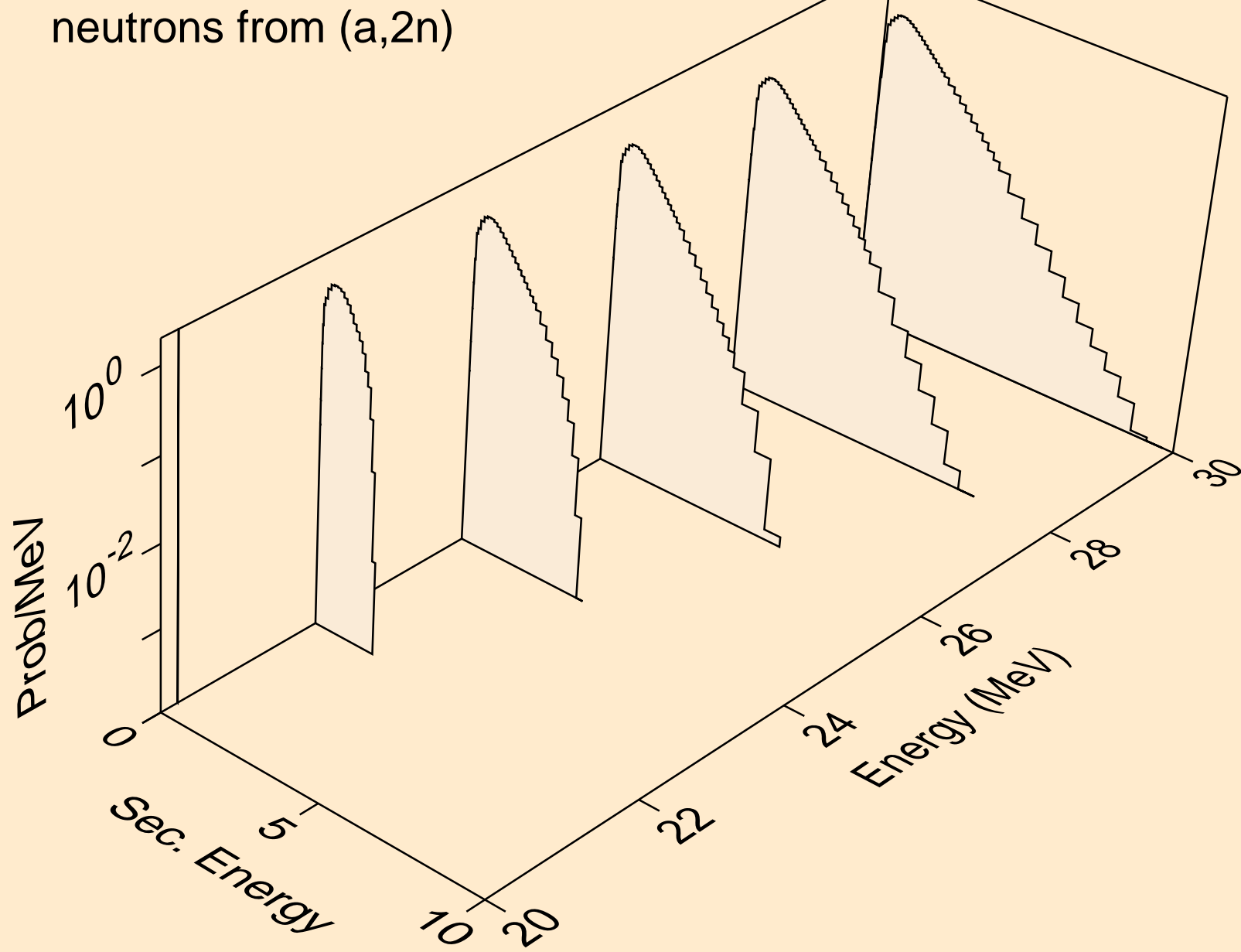
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



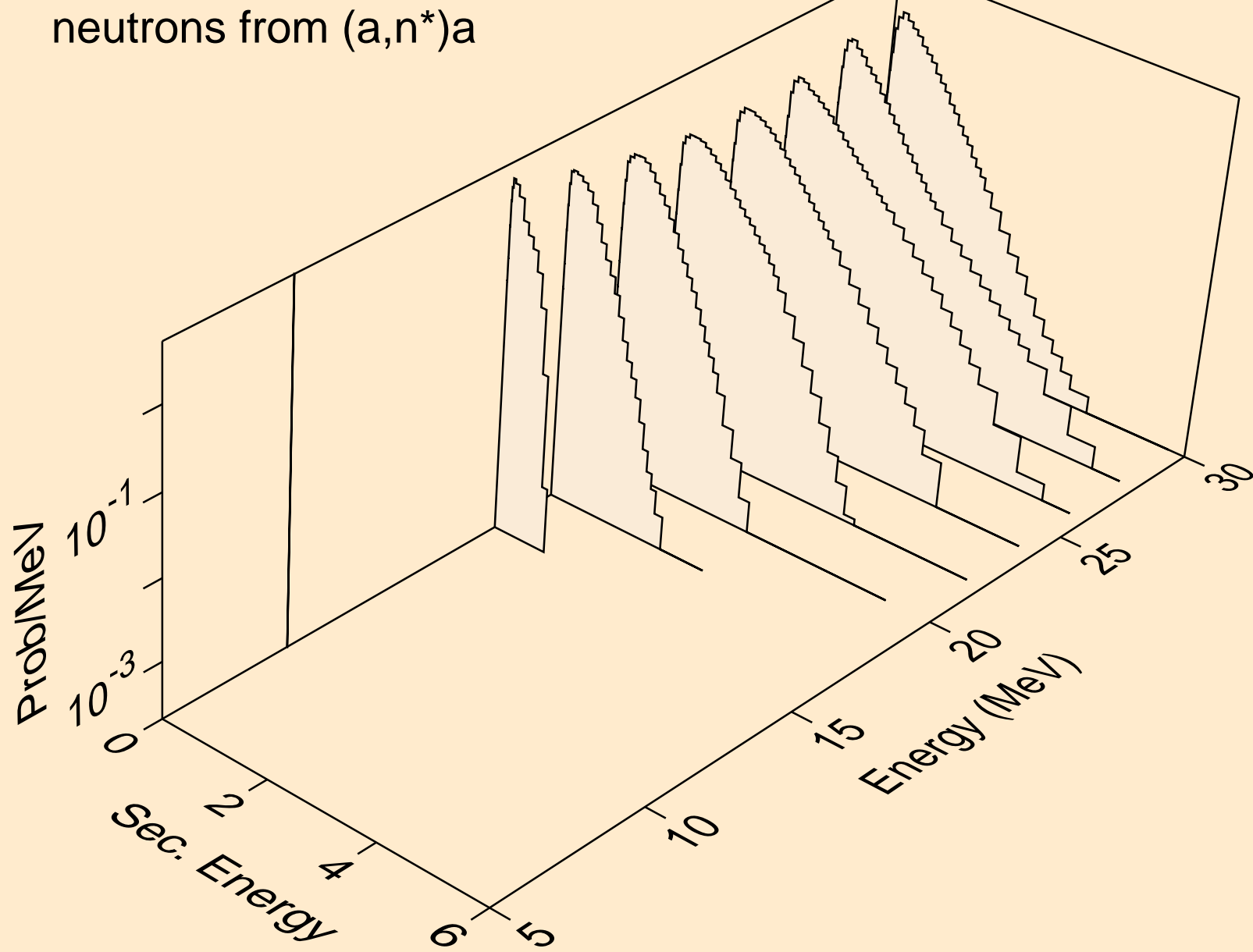
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



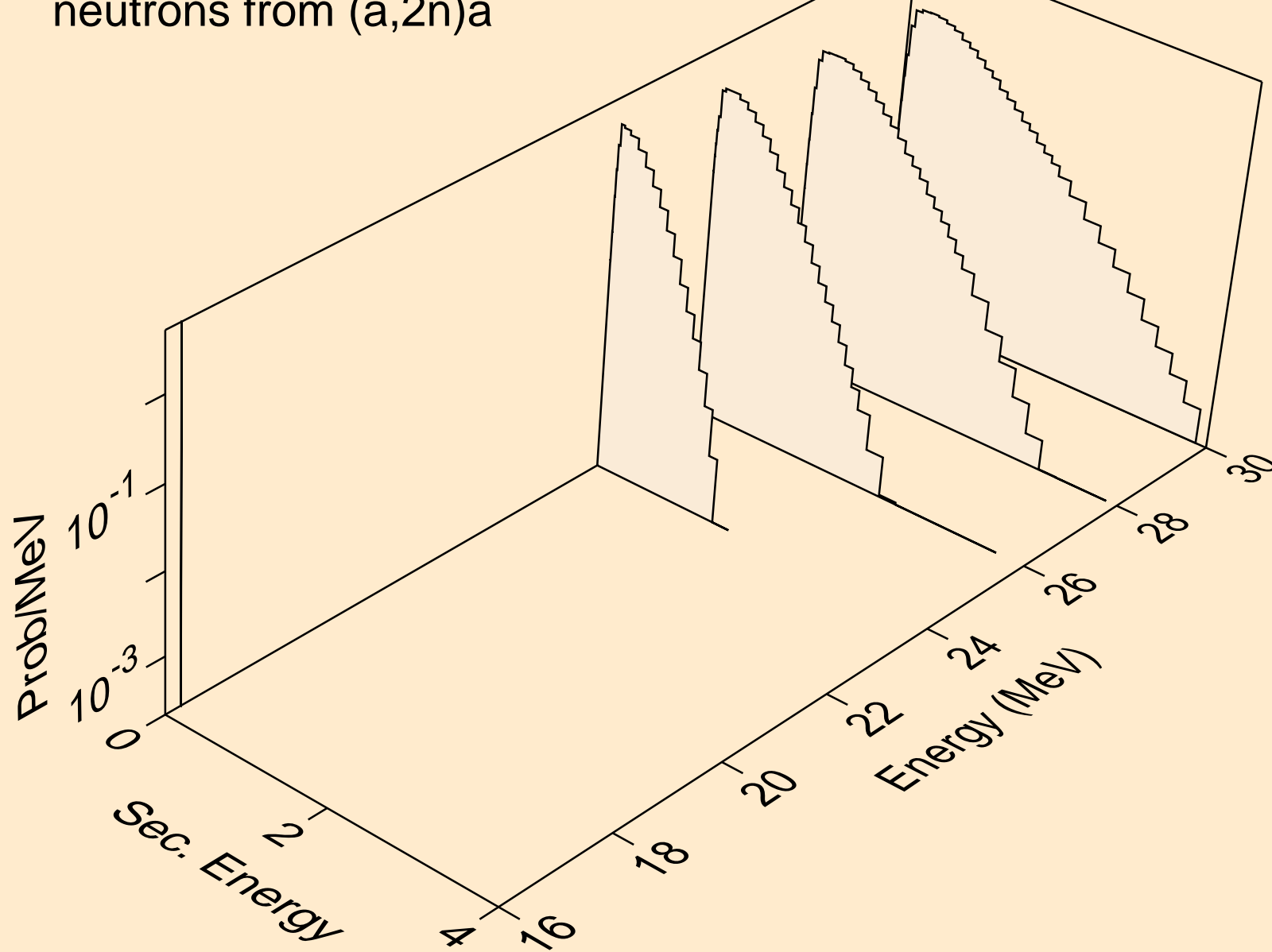
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neutrons from (a,2n)



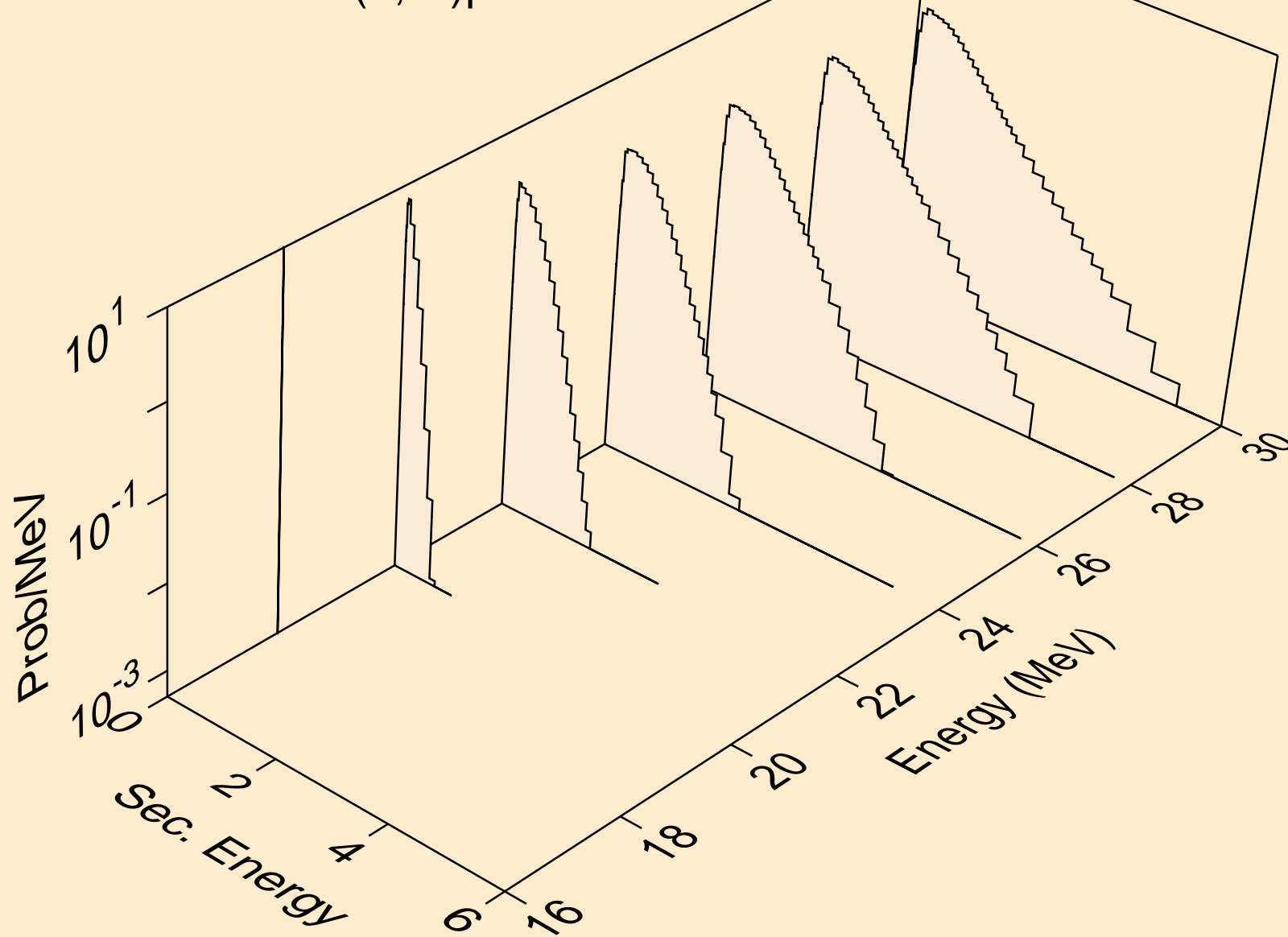
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



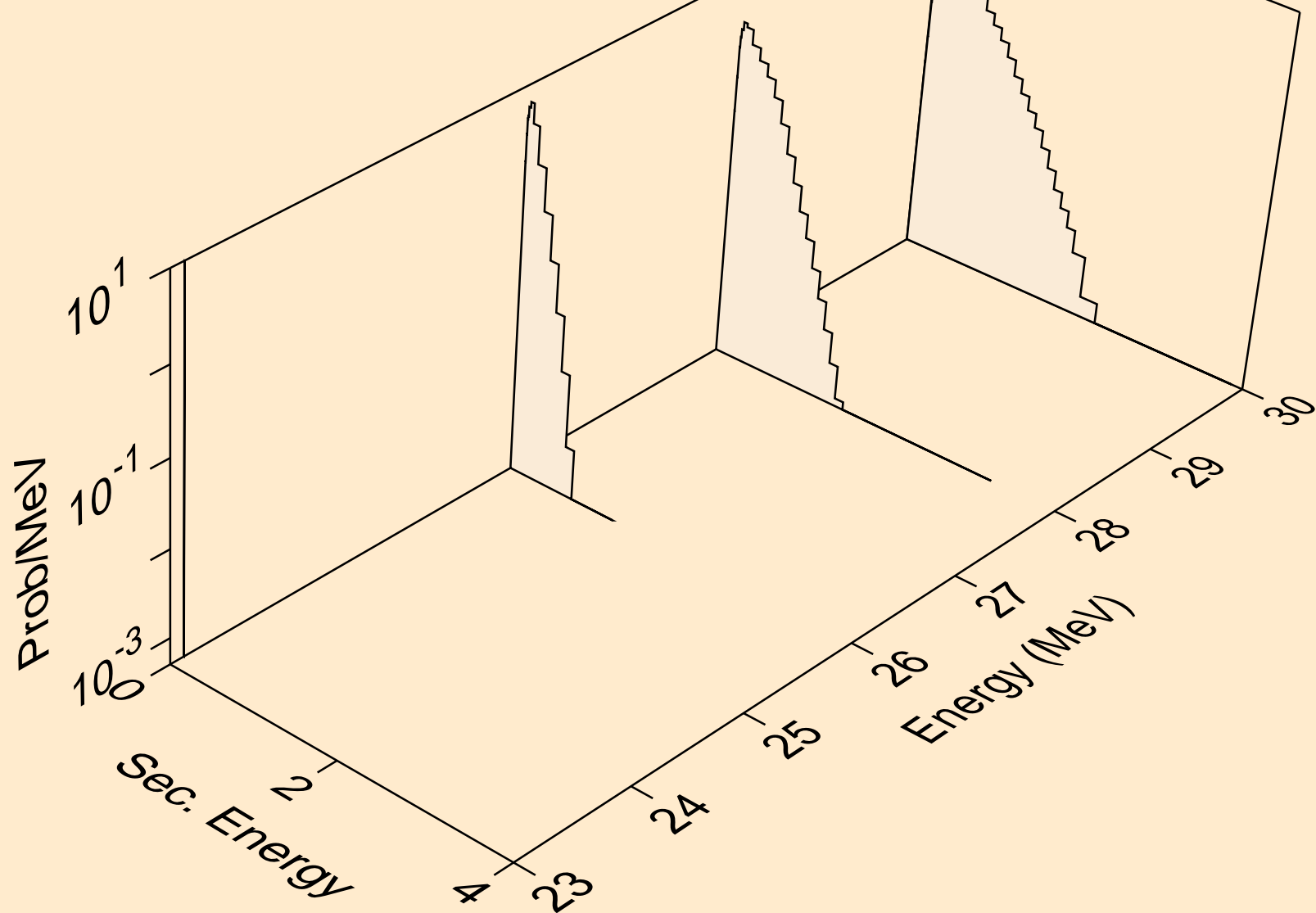
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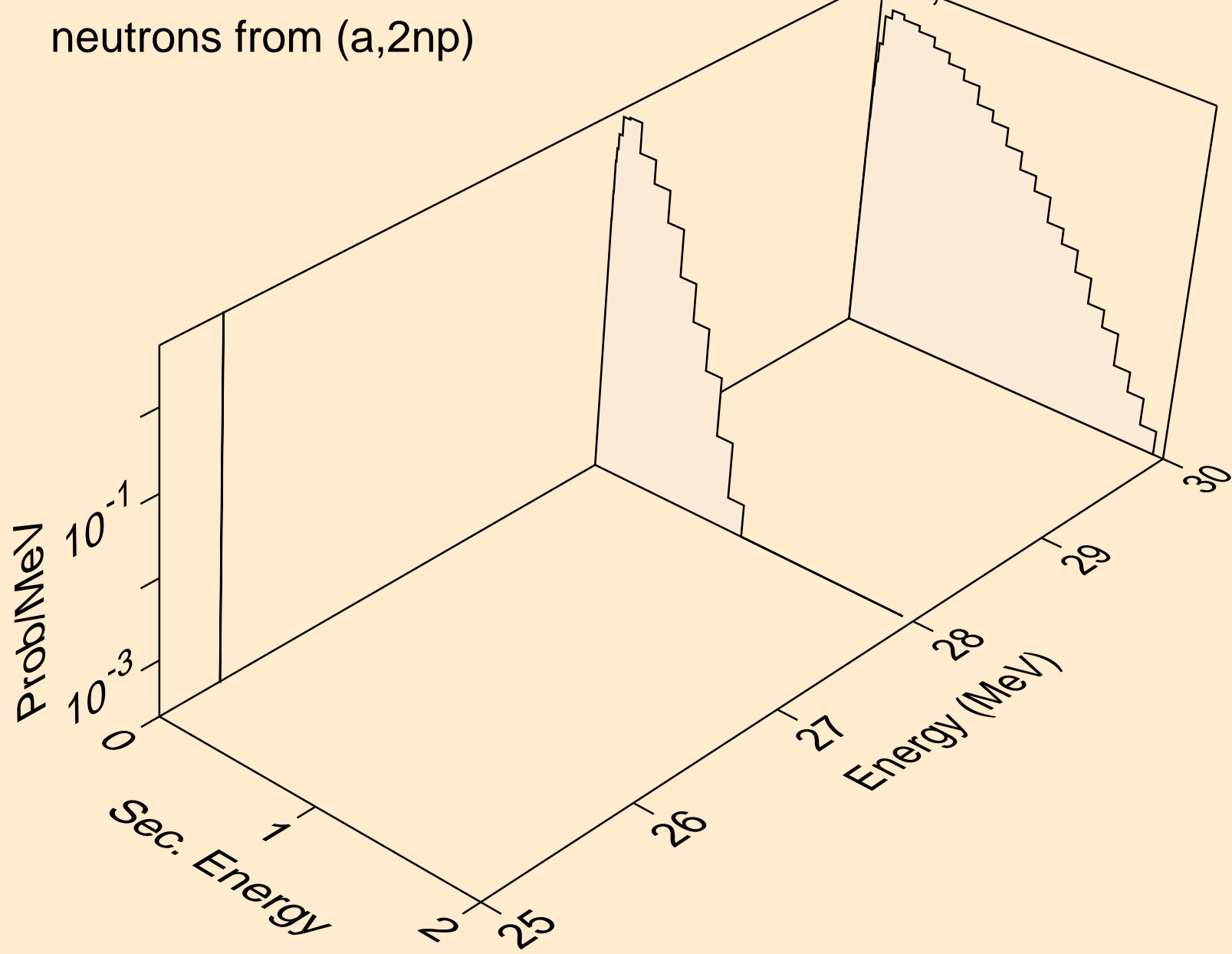
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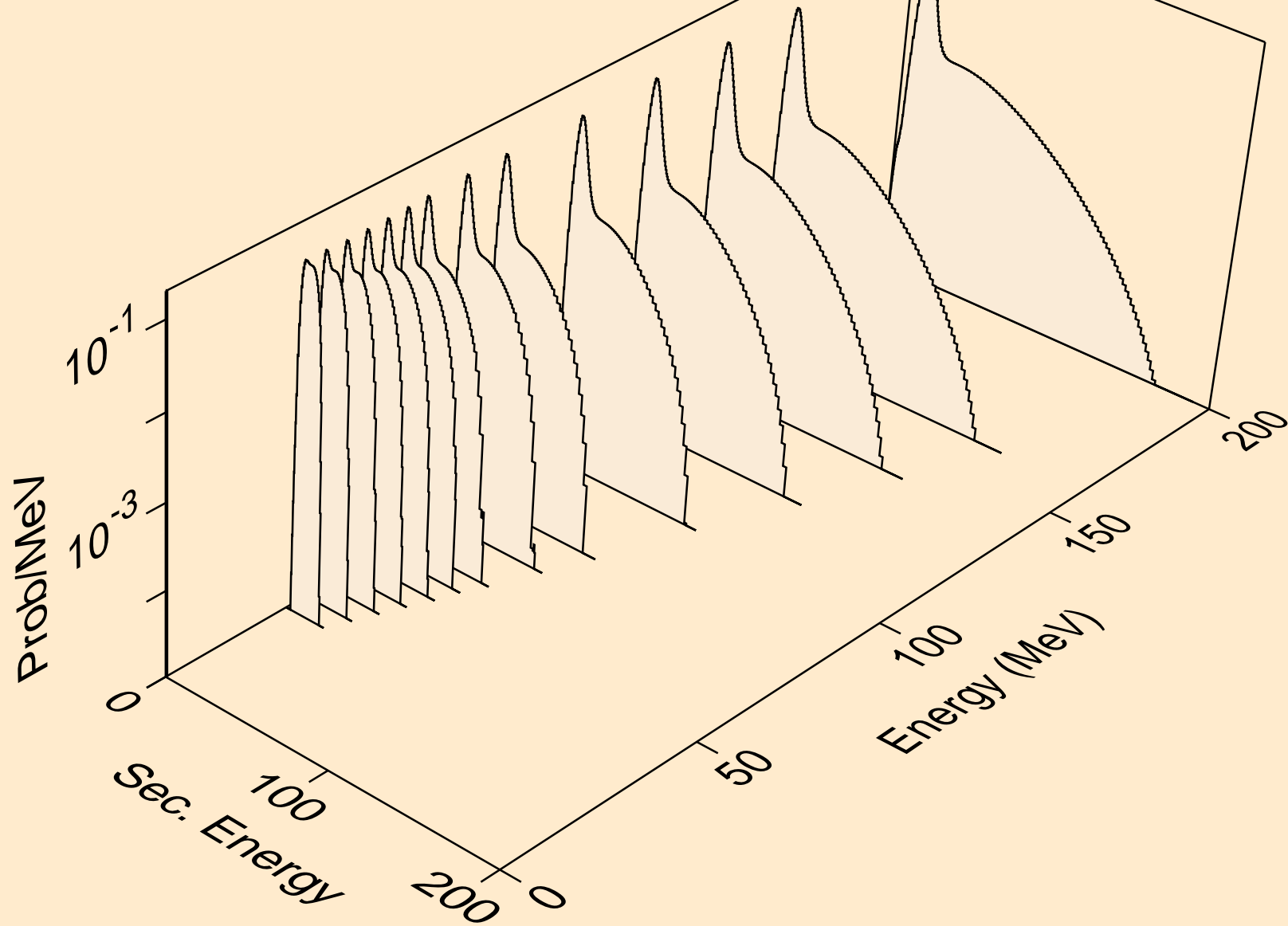
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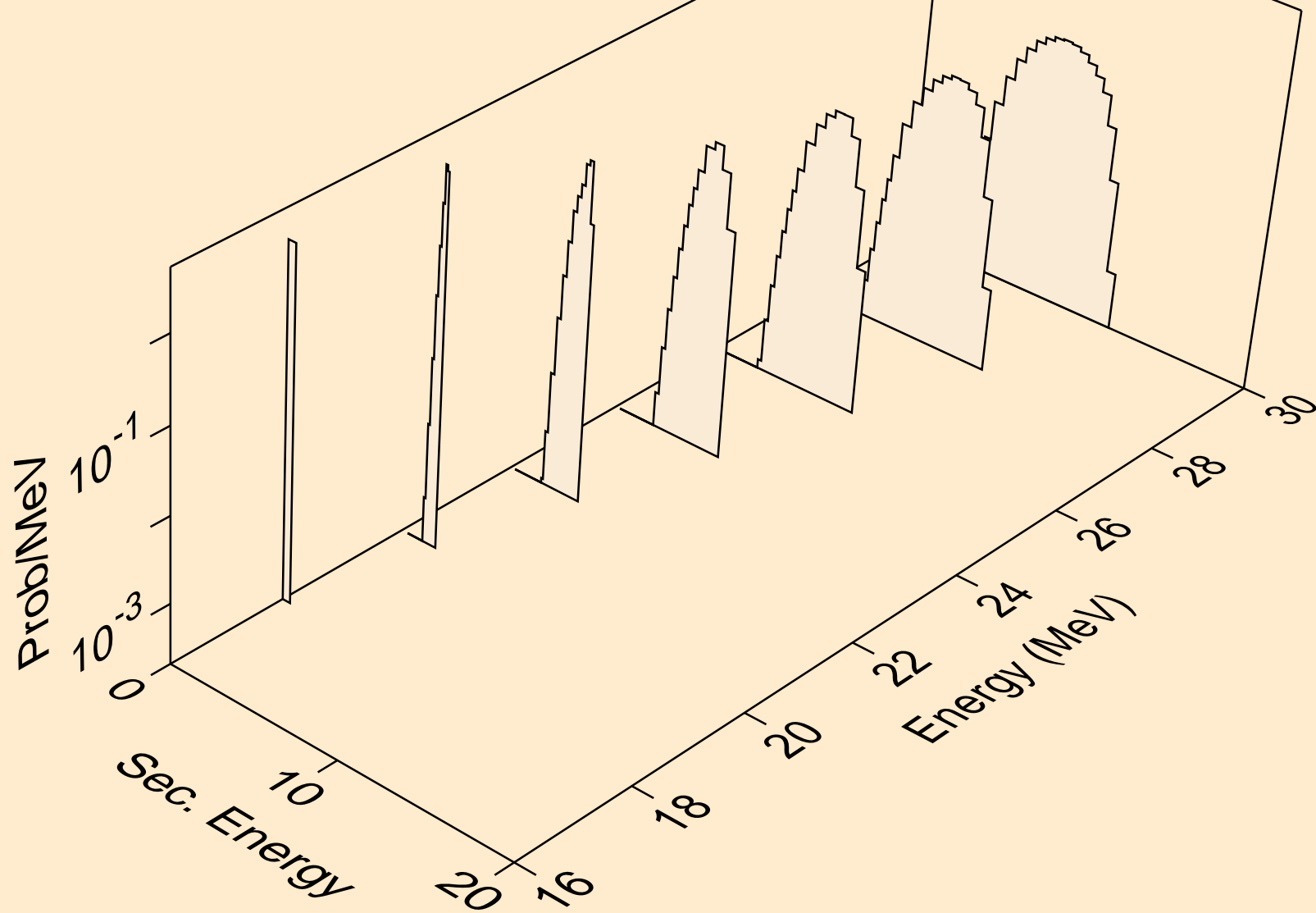
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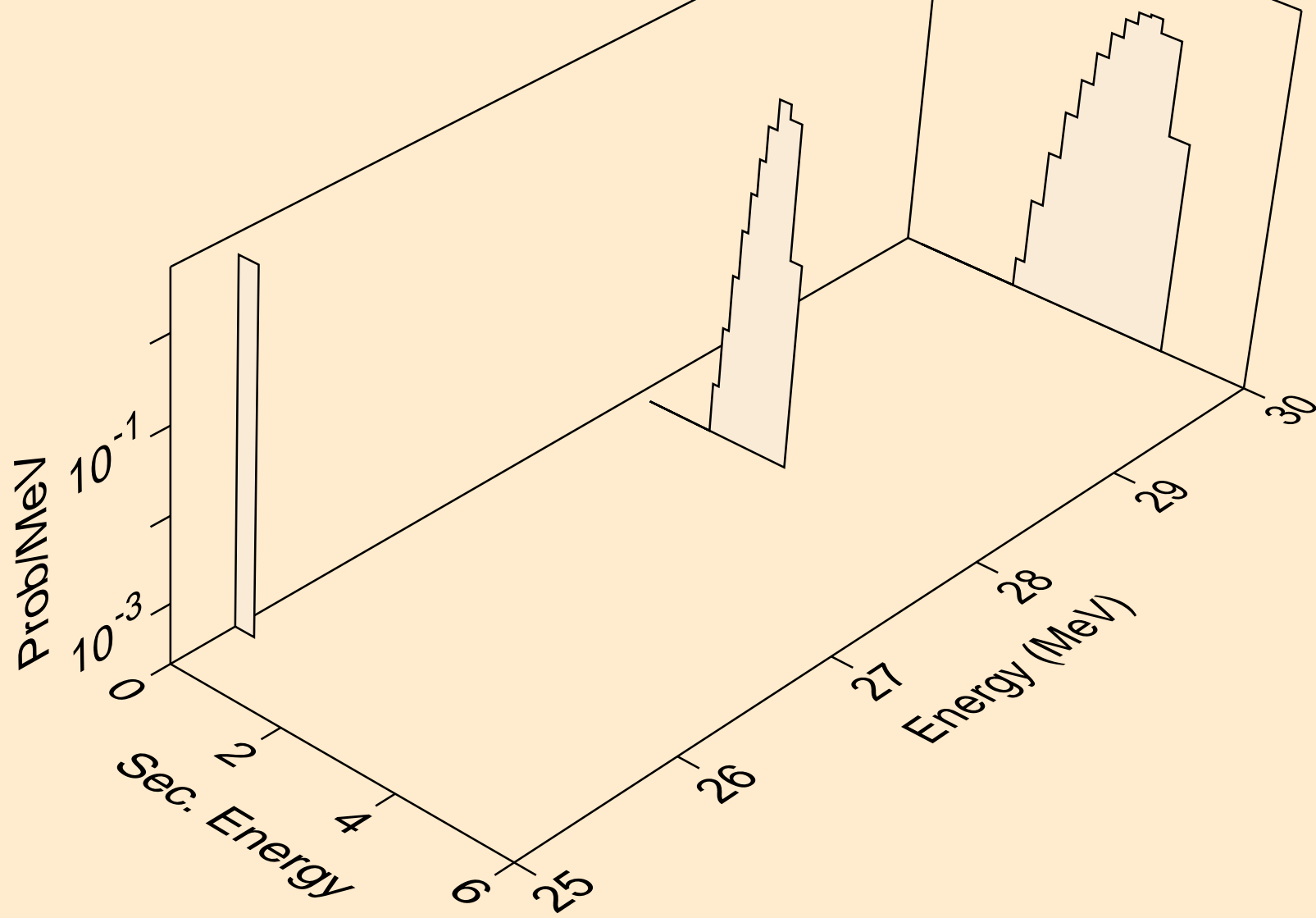
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protons from (a,x)



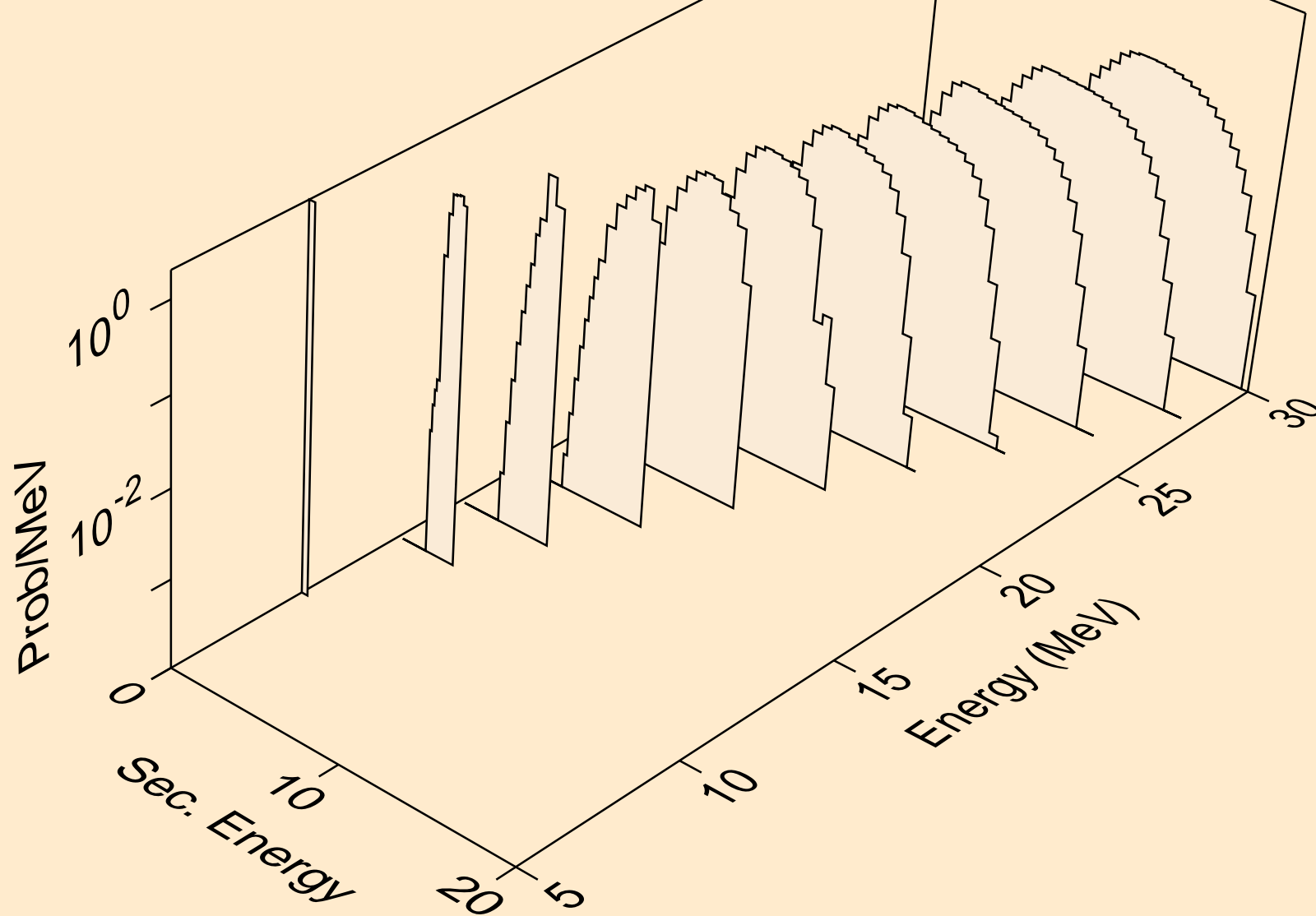
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protons from (a,n\*)p



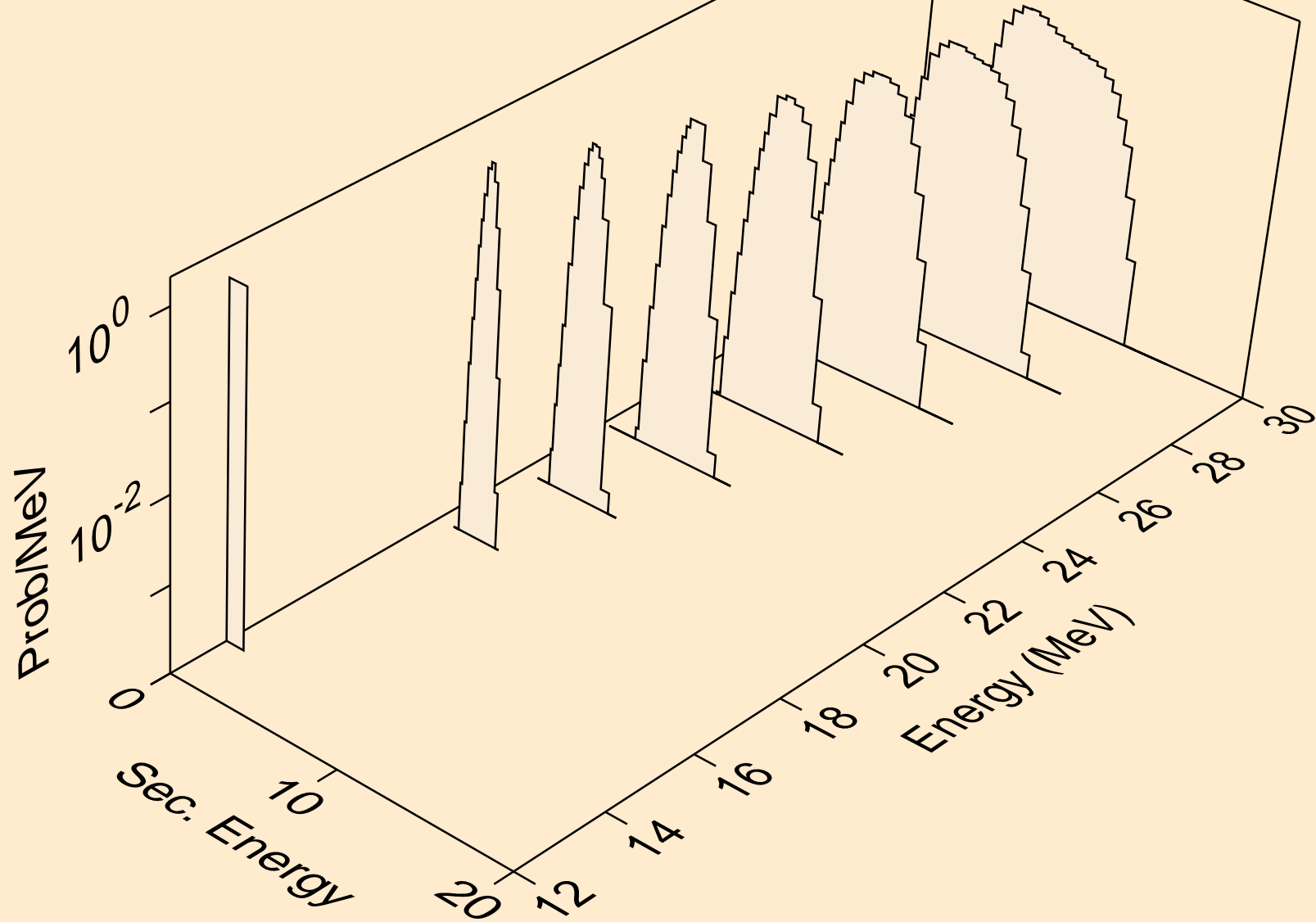
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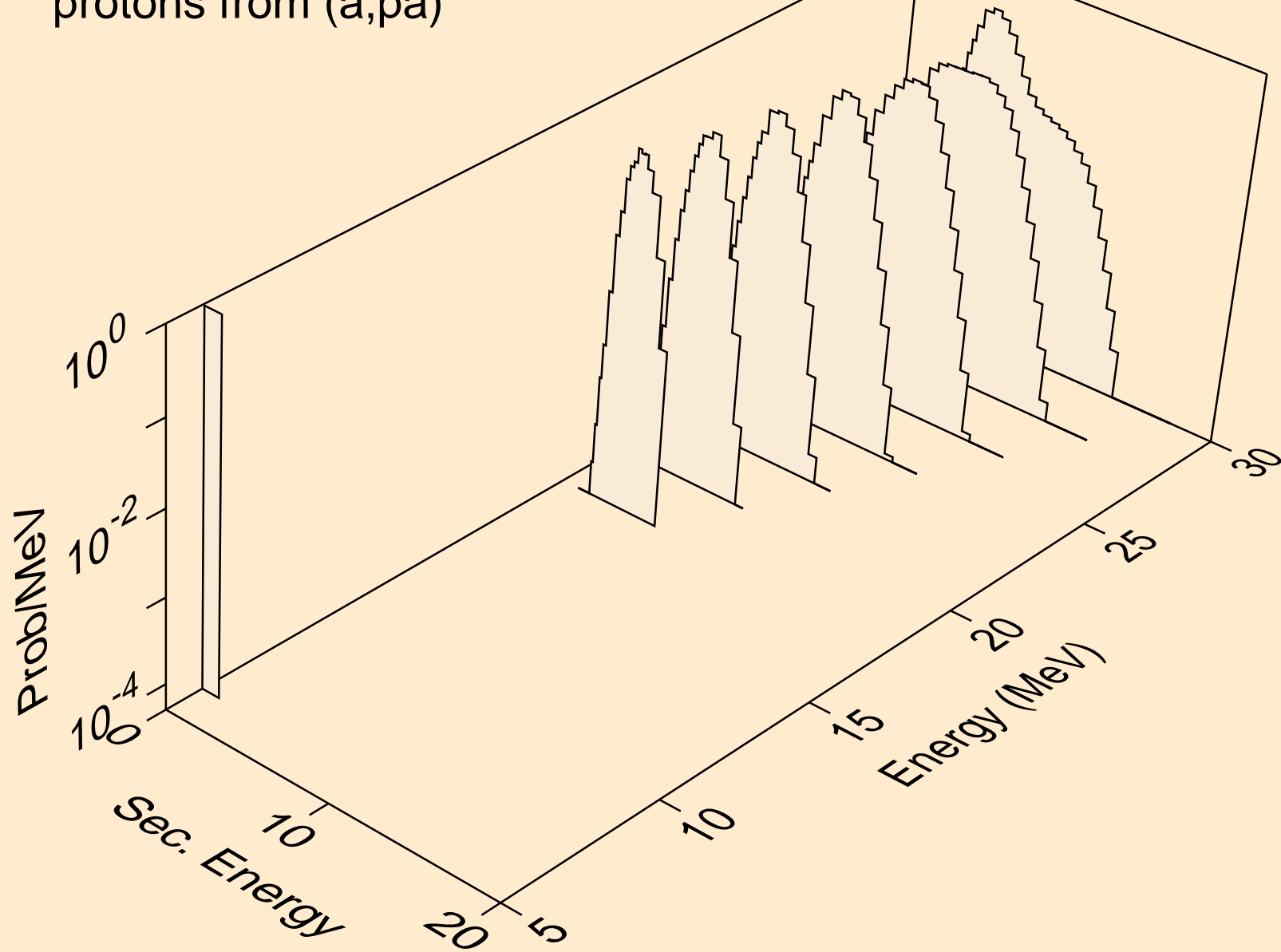
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protons from (a,p)



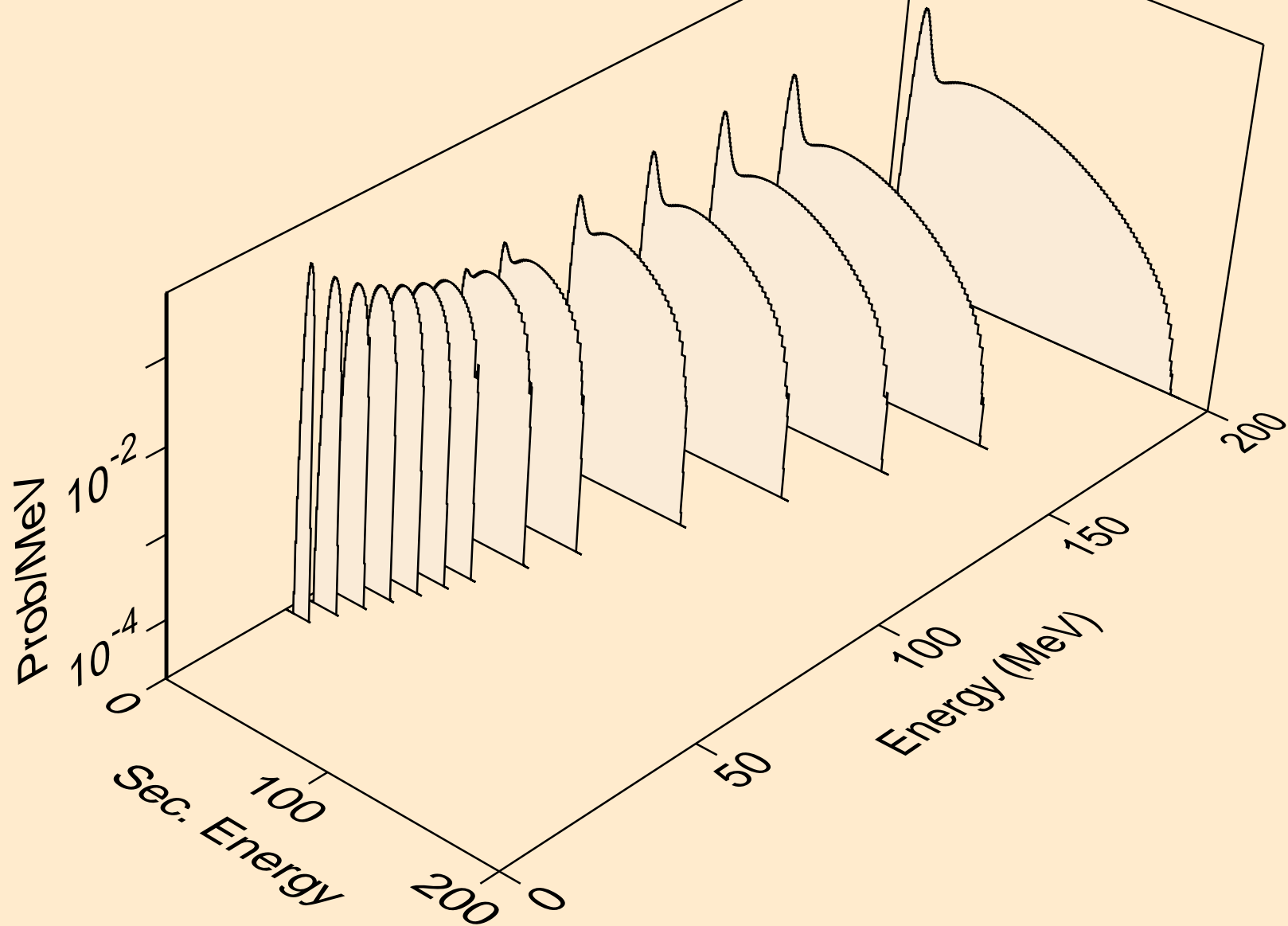
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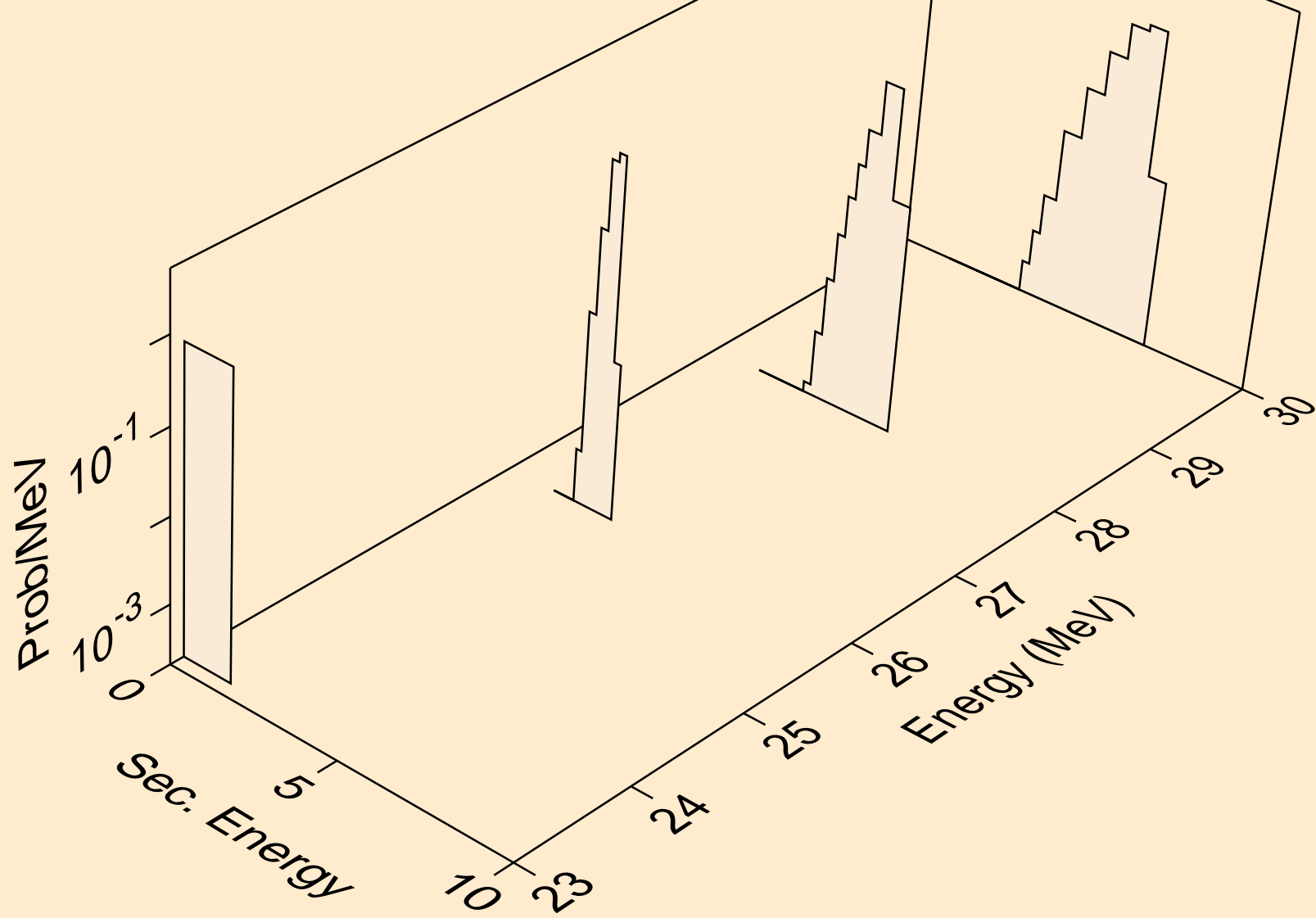
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protons from (a,pa)



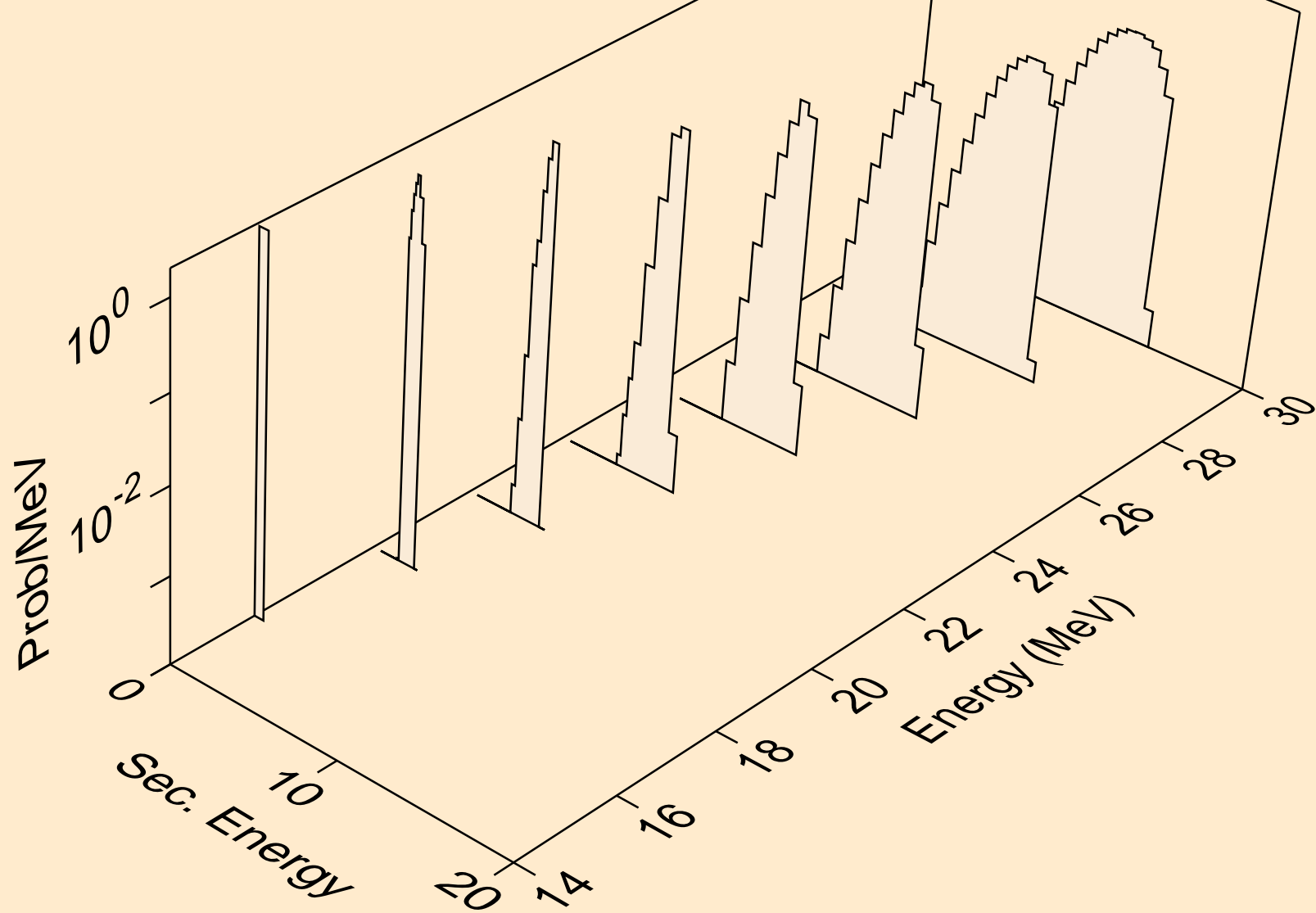
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deuterons from (a,x)



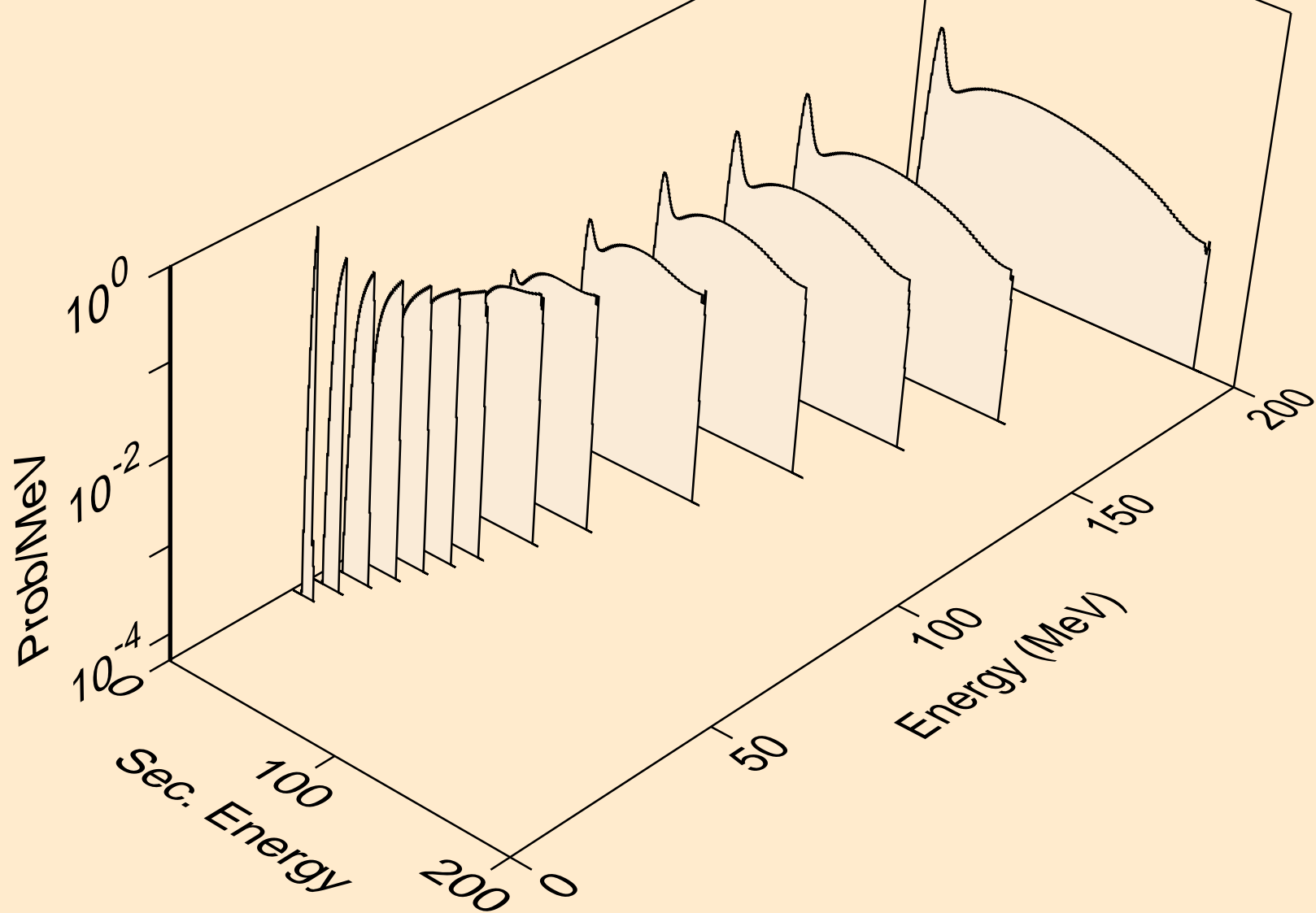
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



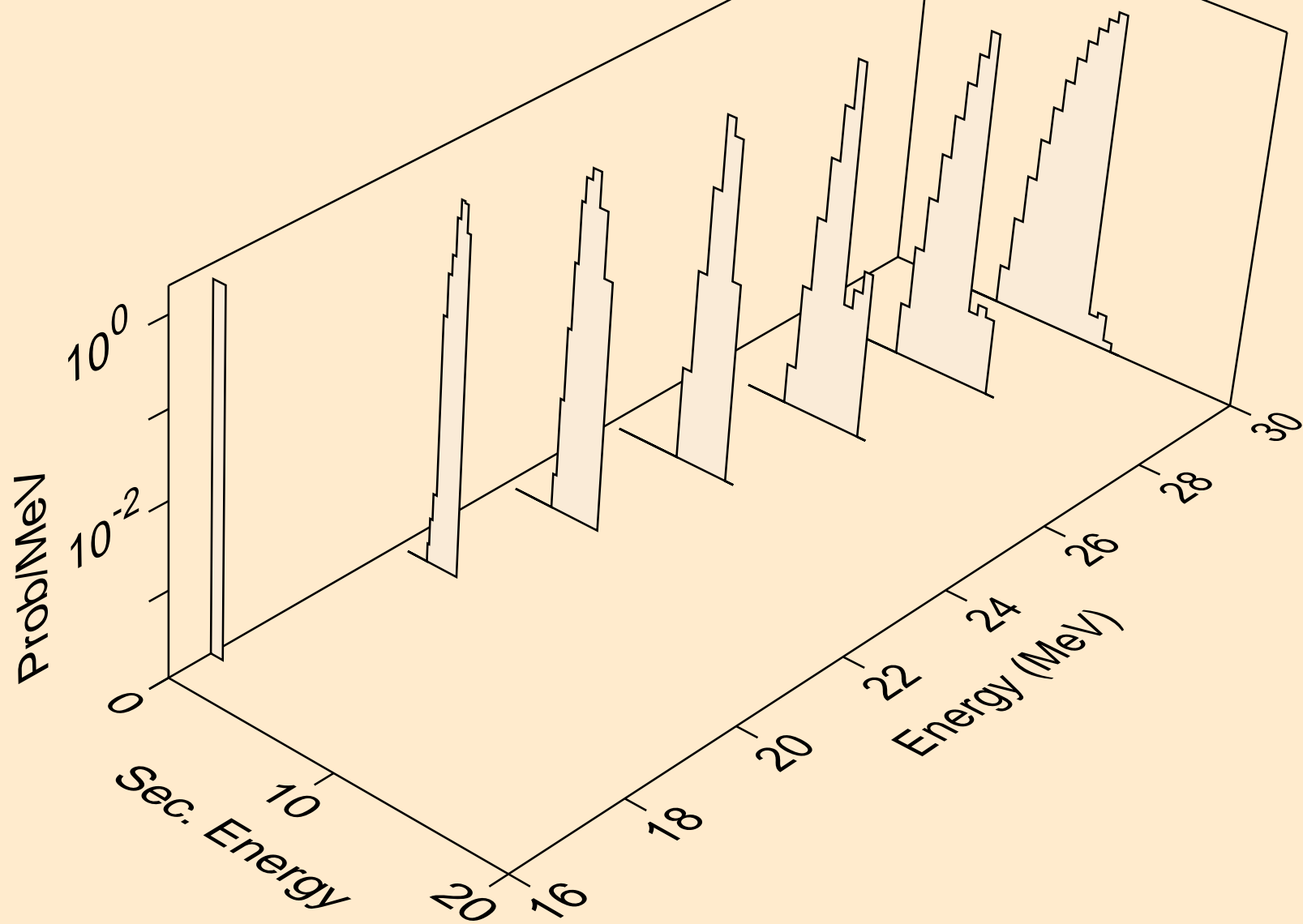
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deuterons from (a,d)



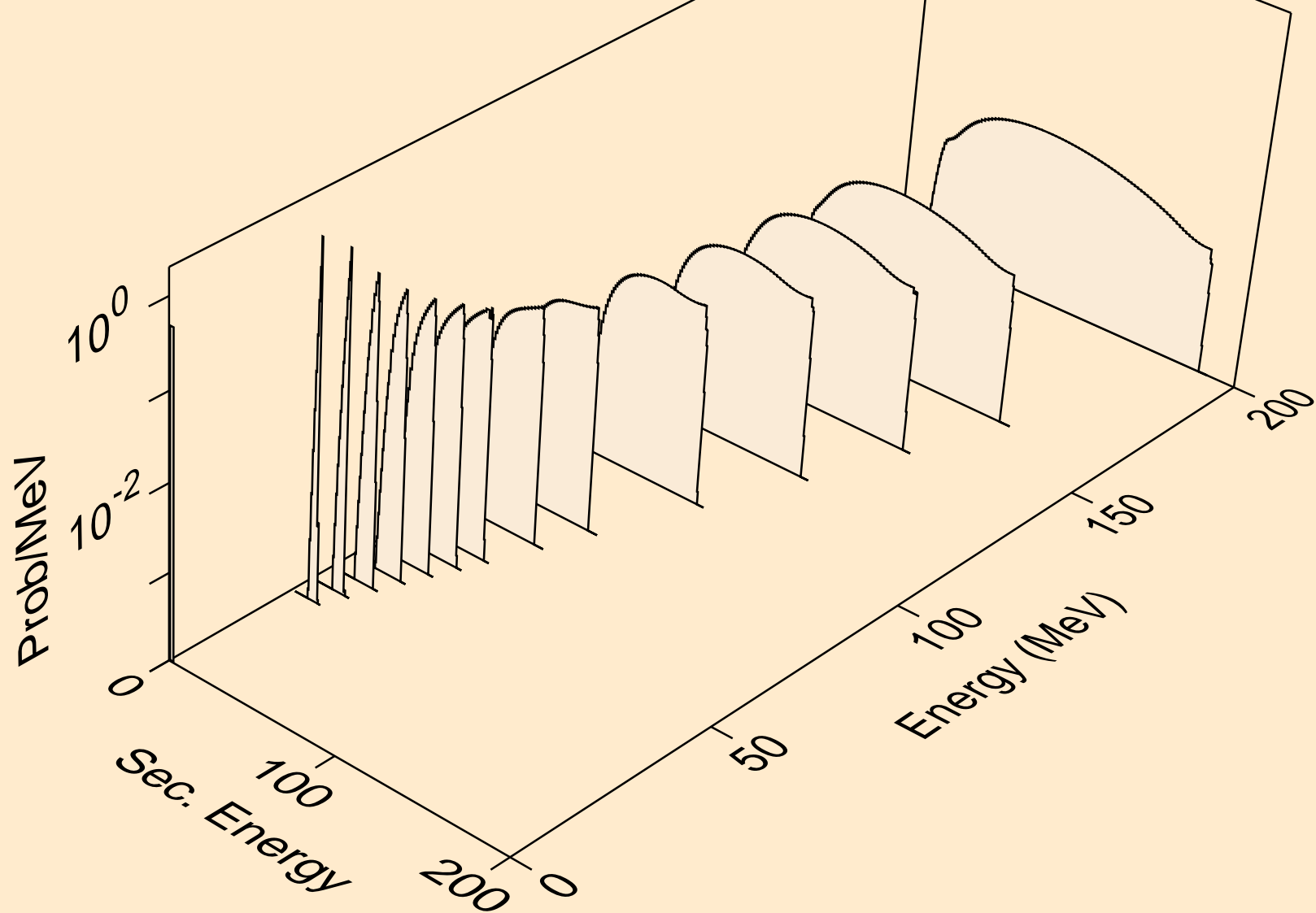
W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



W178 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

