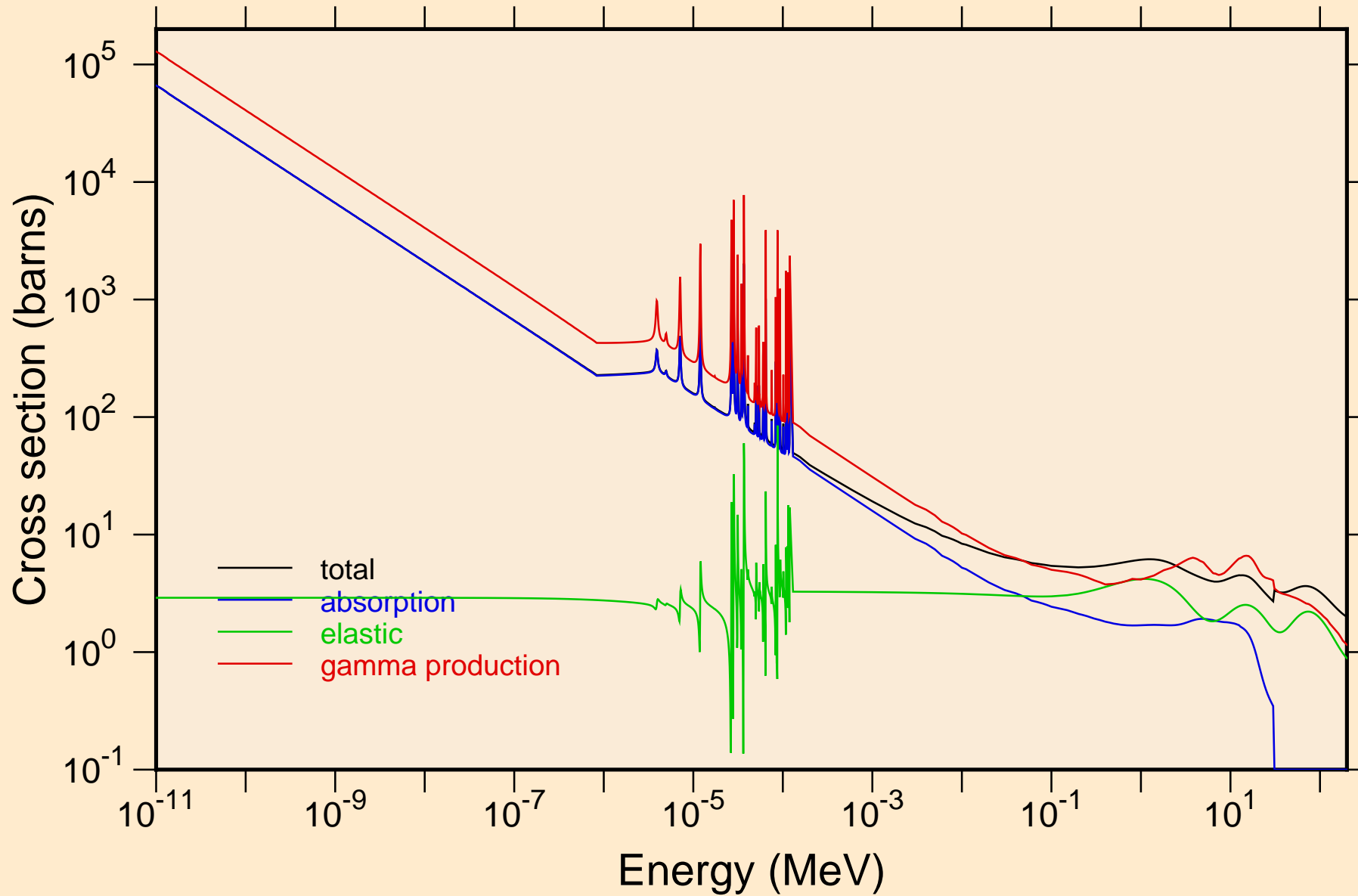
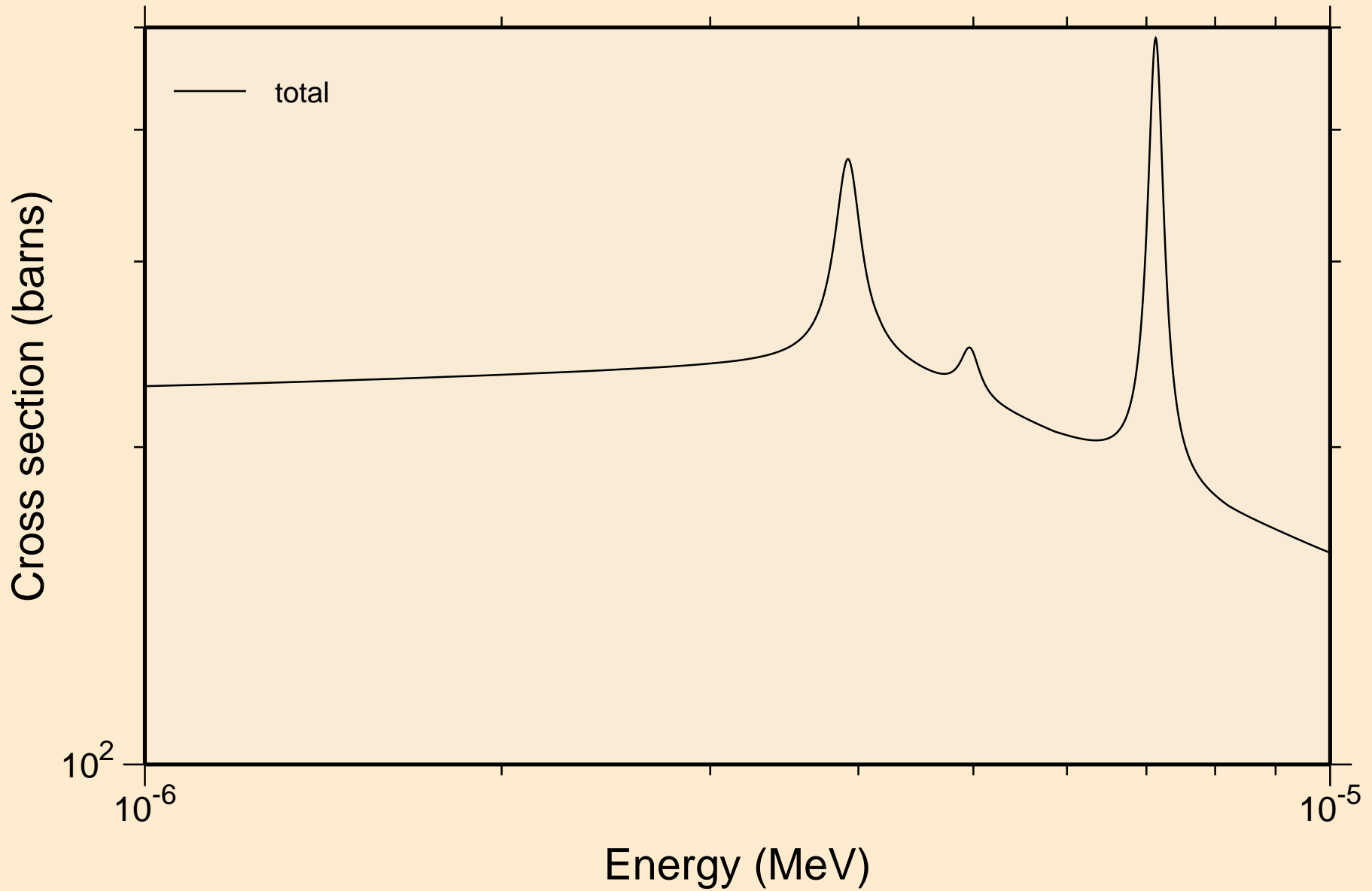


# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

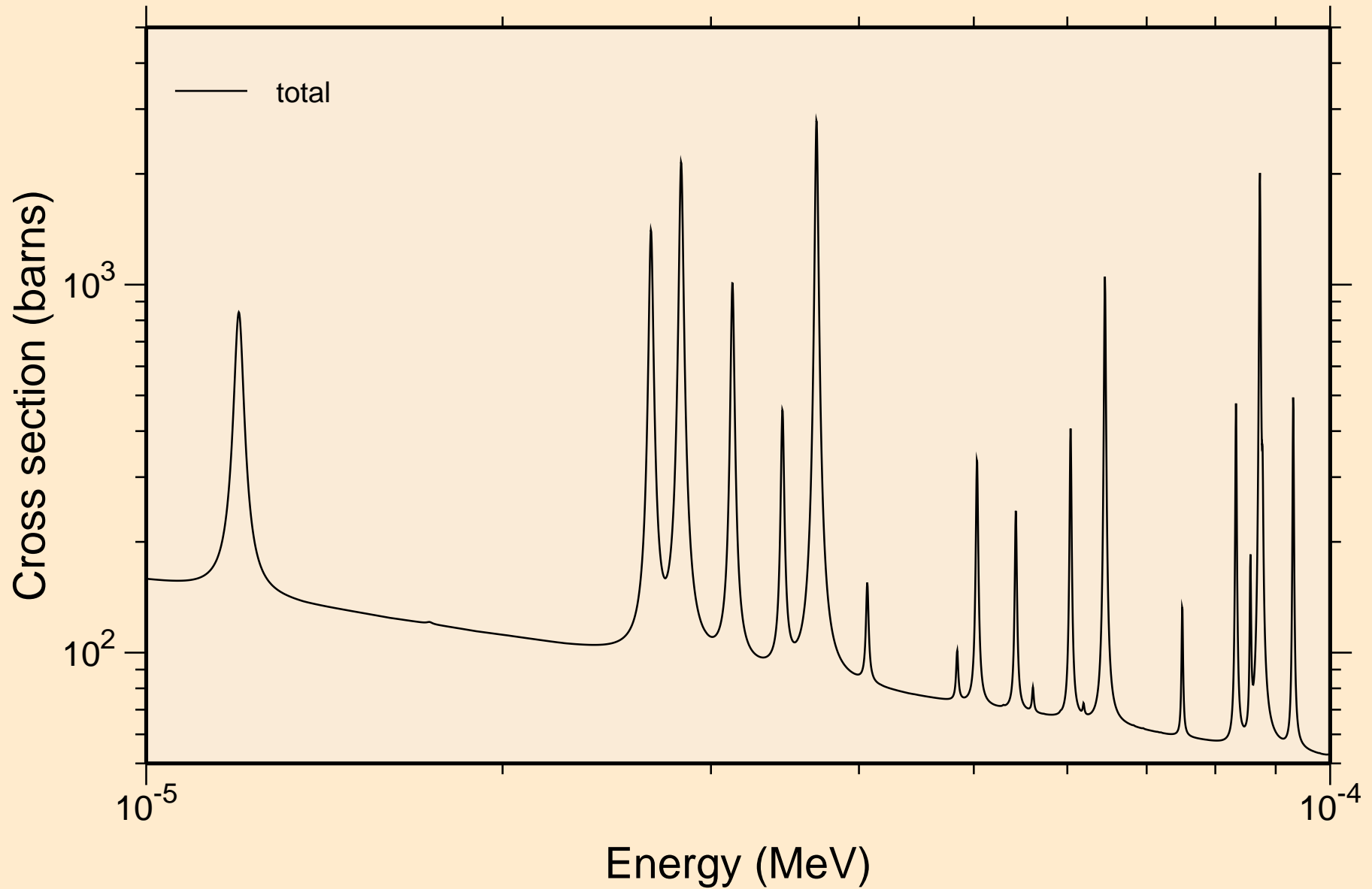
## Principal cross sections



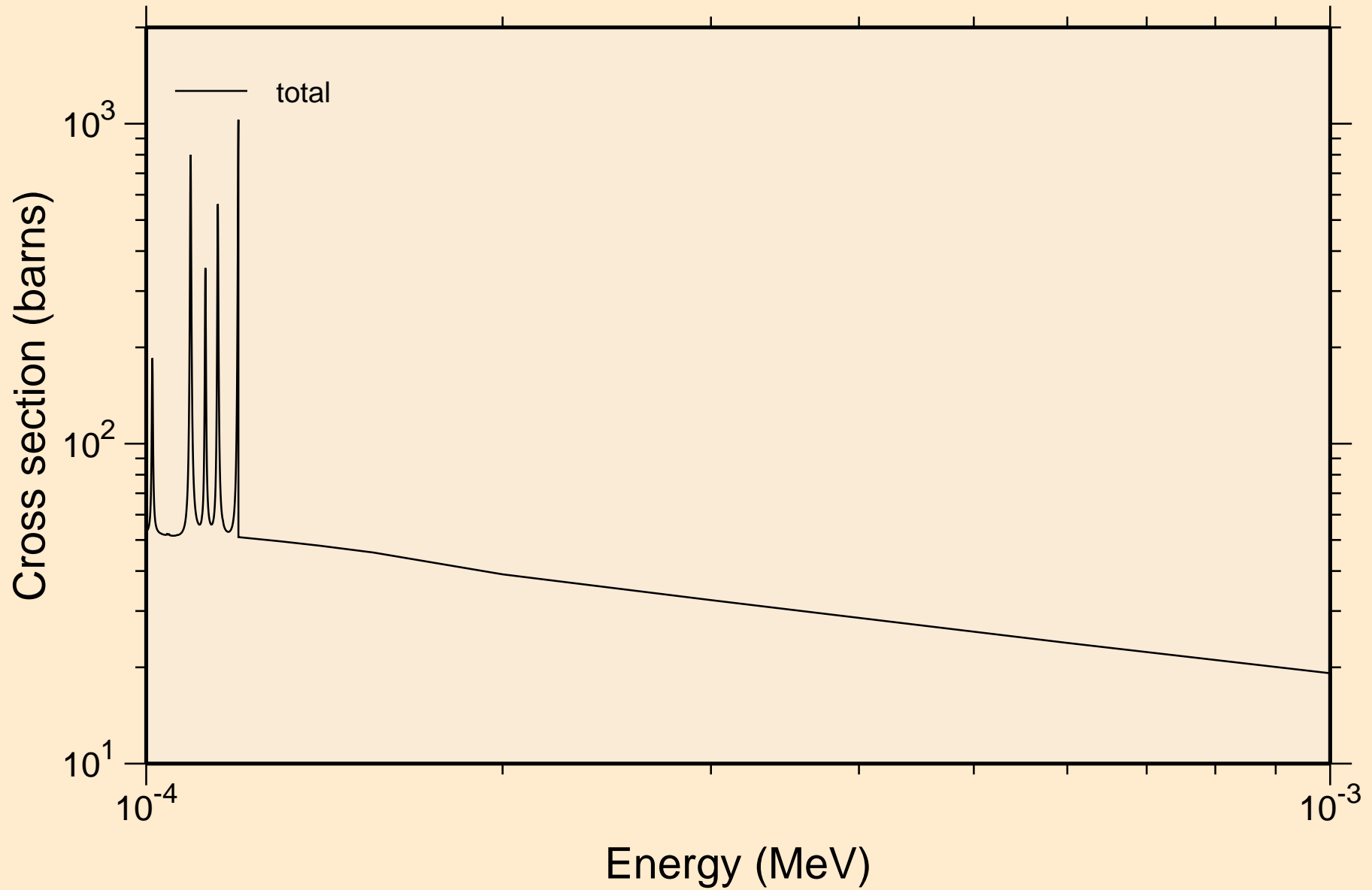
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



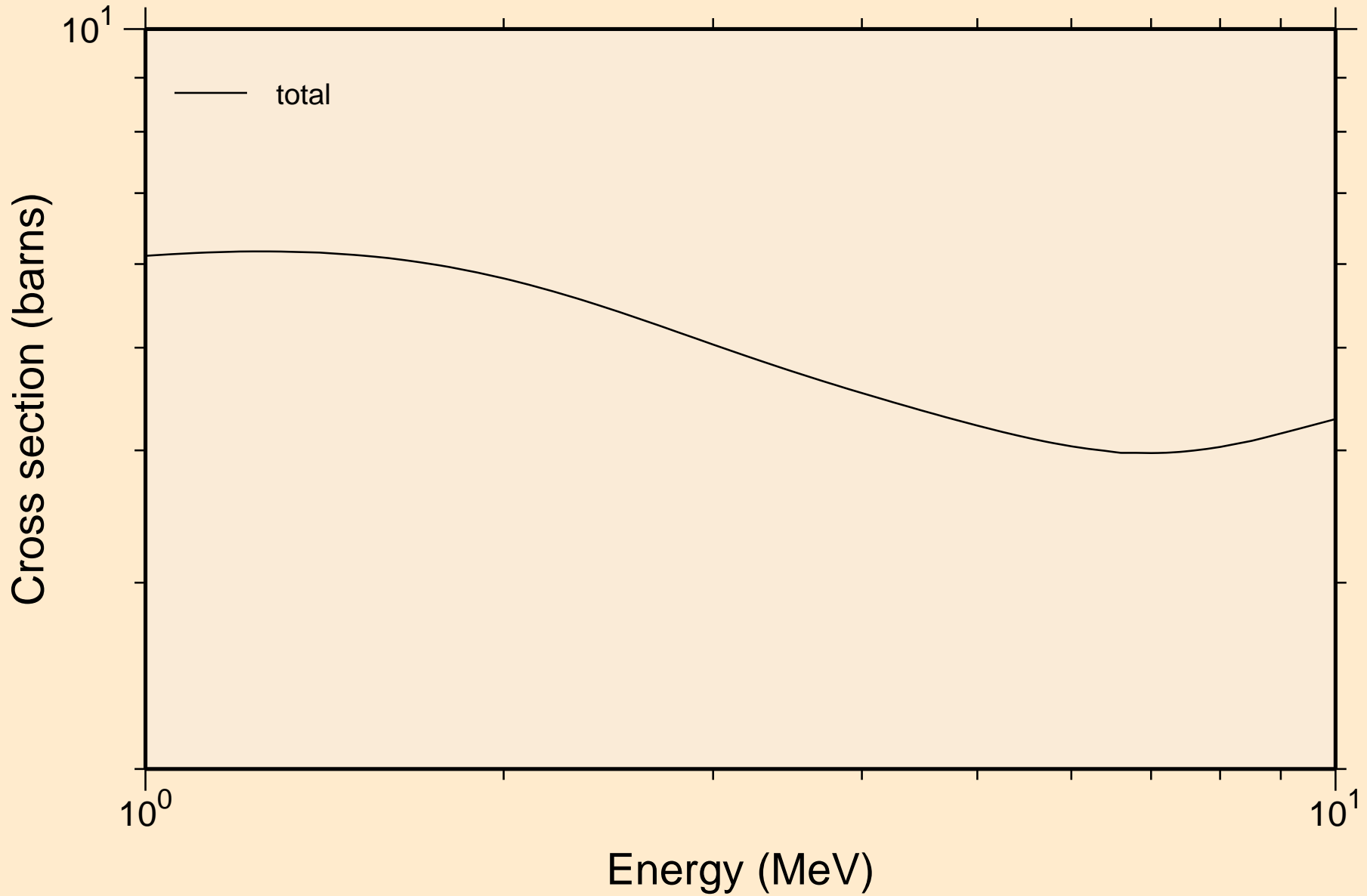
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



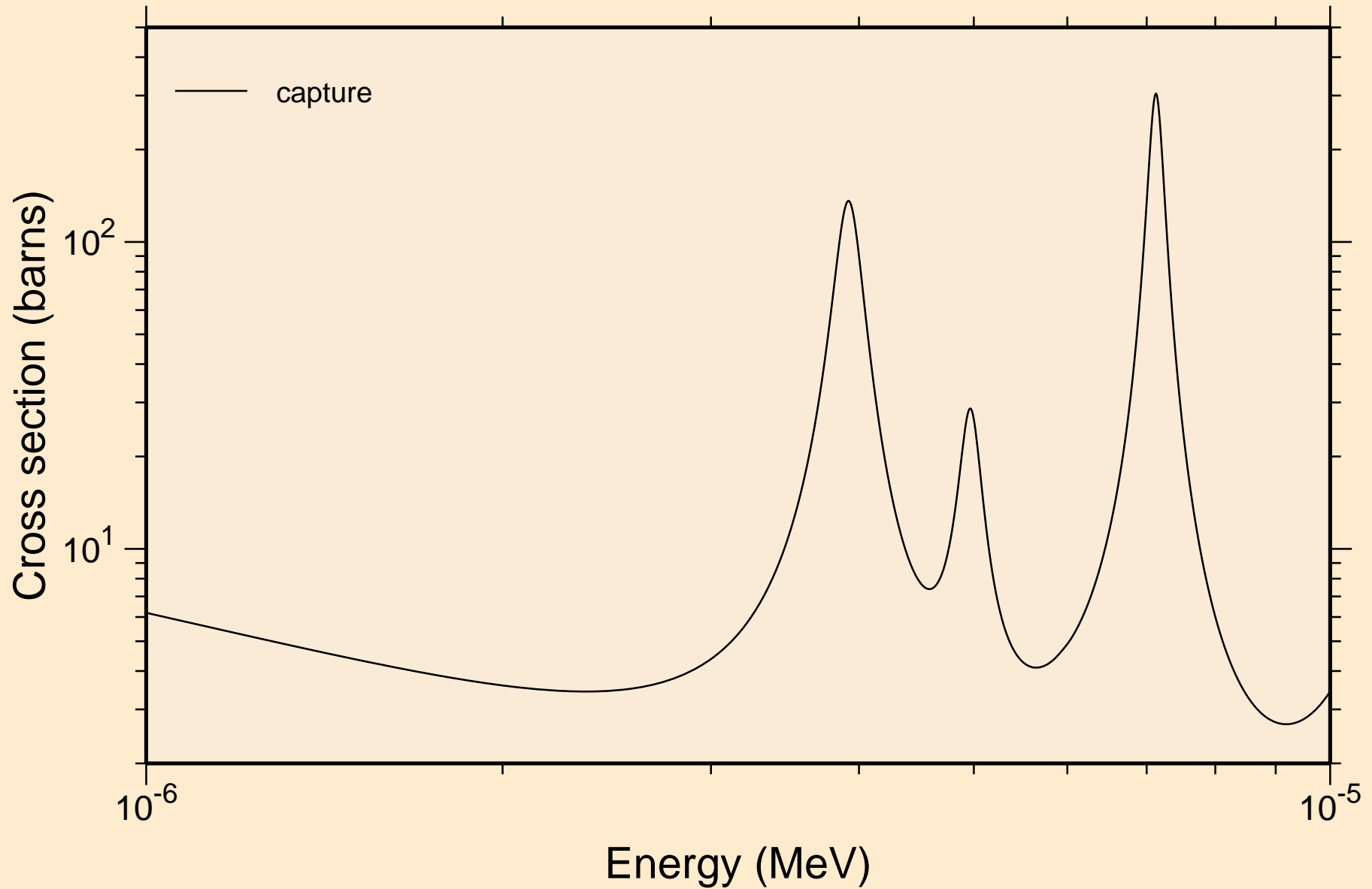
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



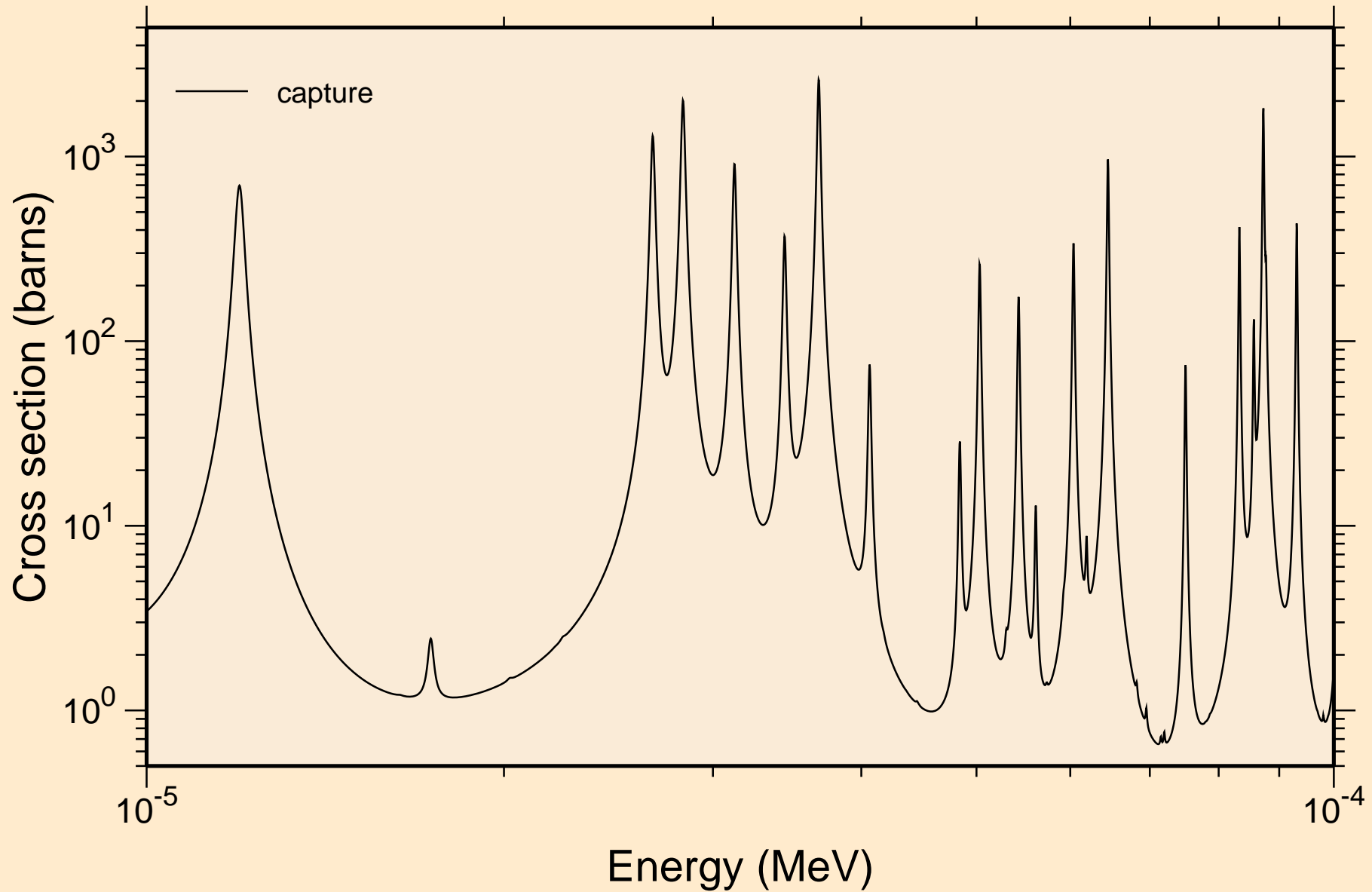
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



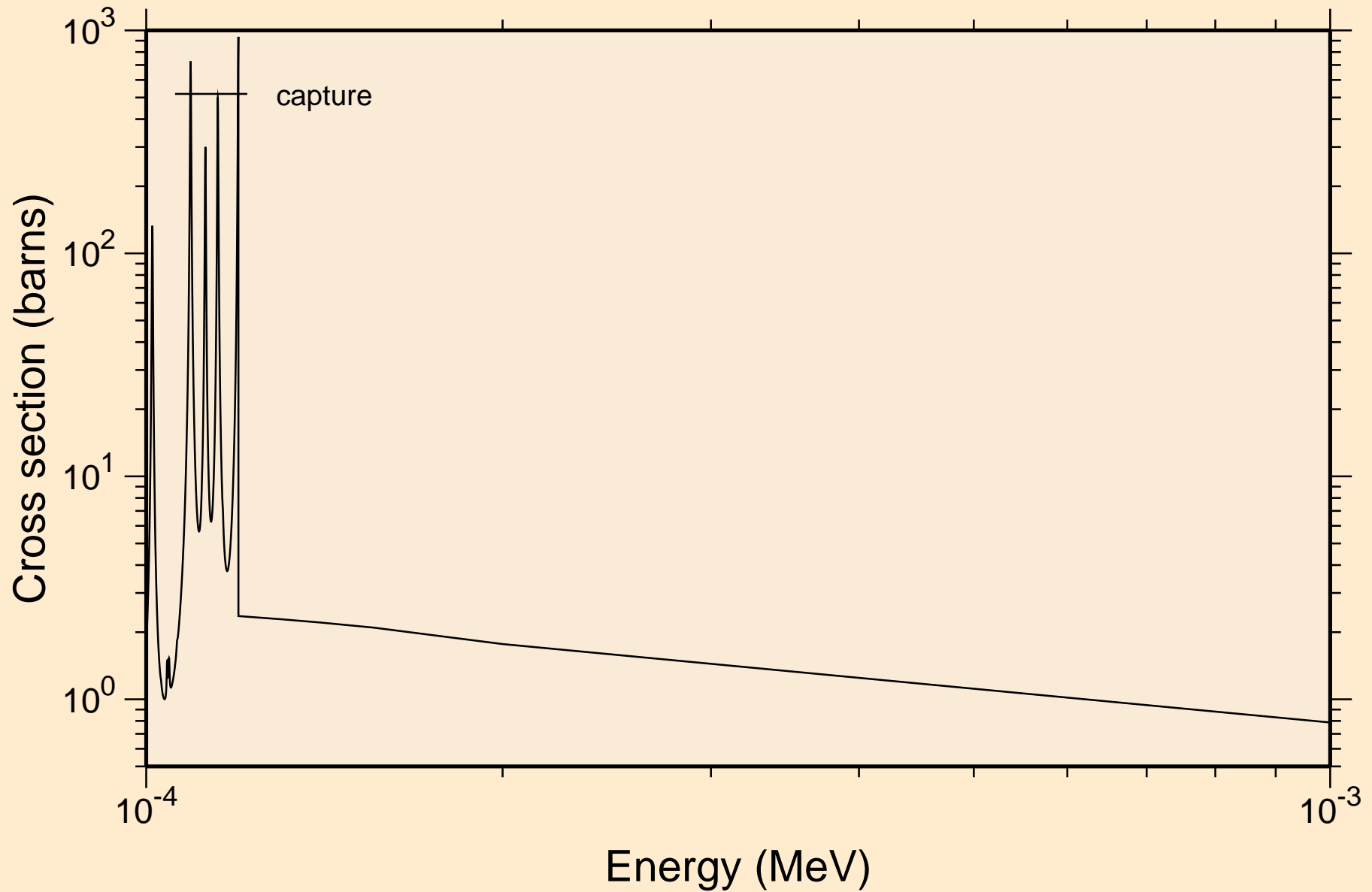
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

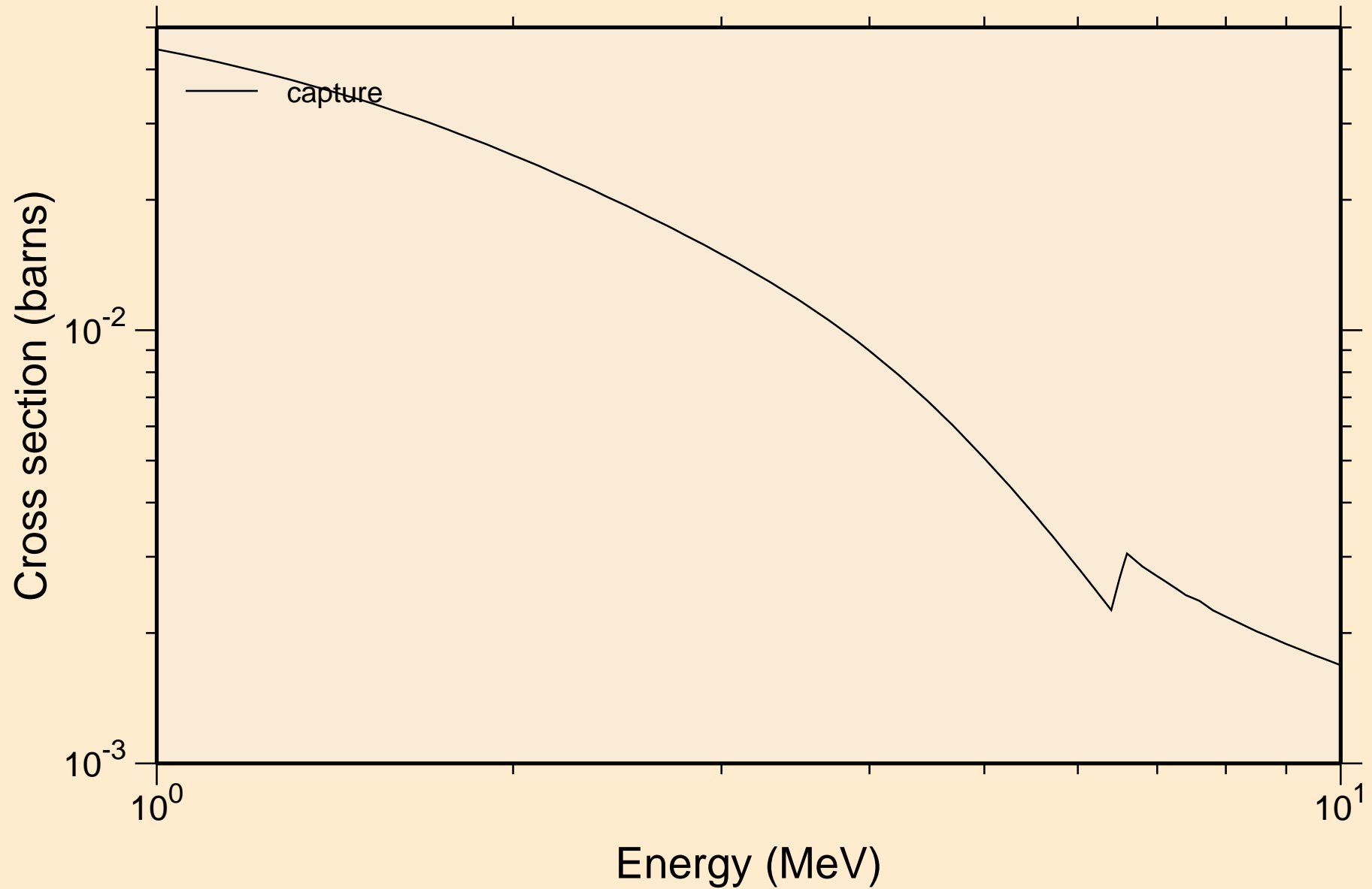


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



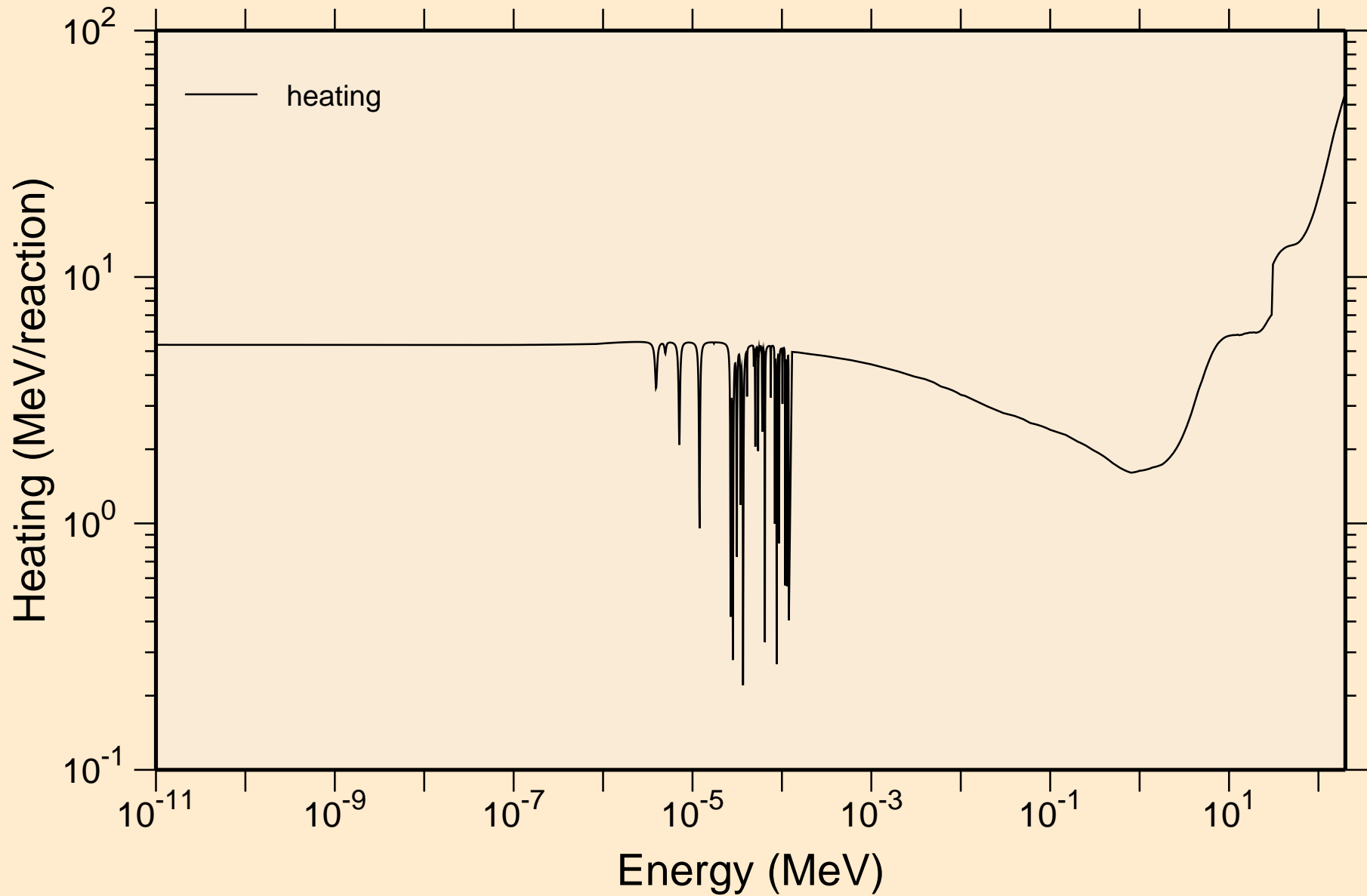


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

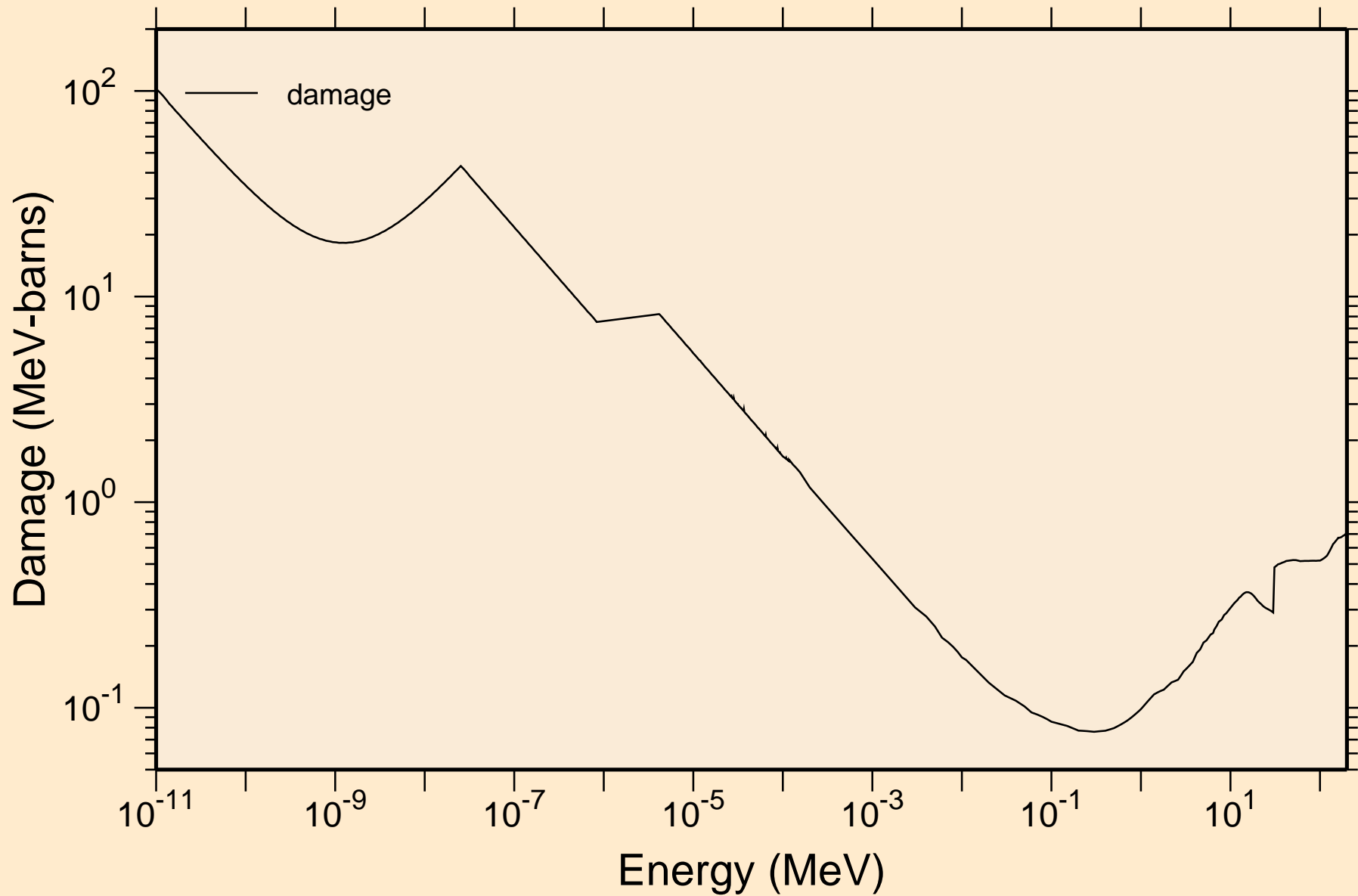


# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

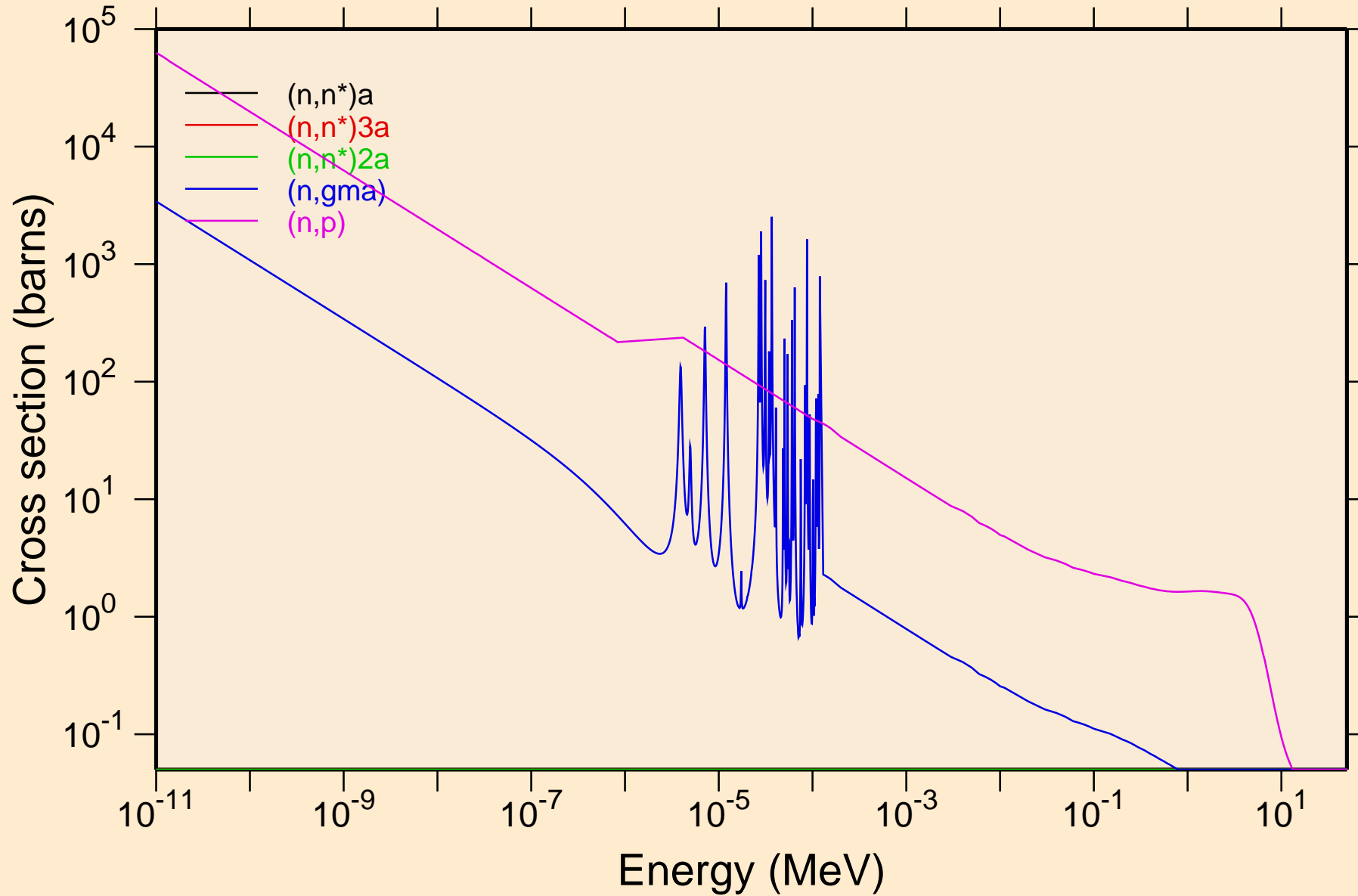
## Heating



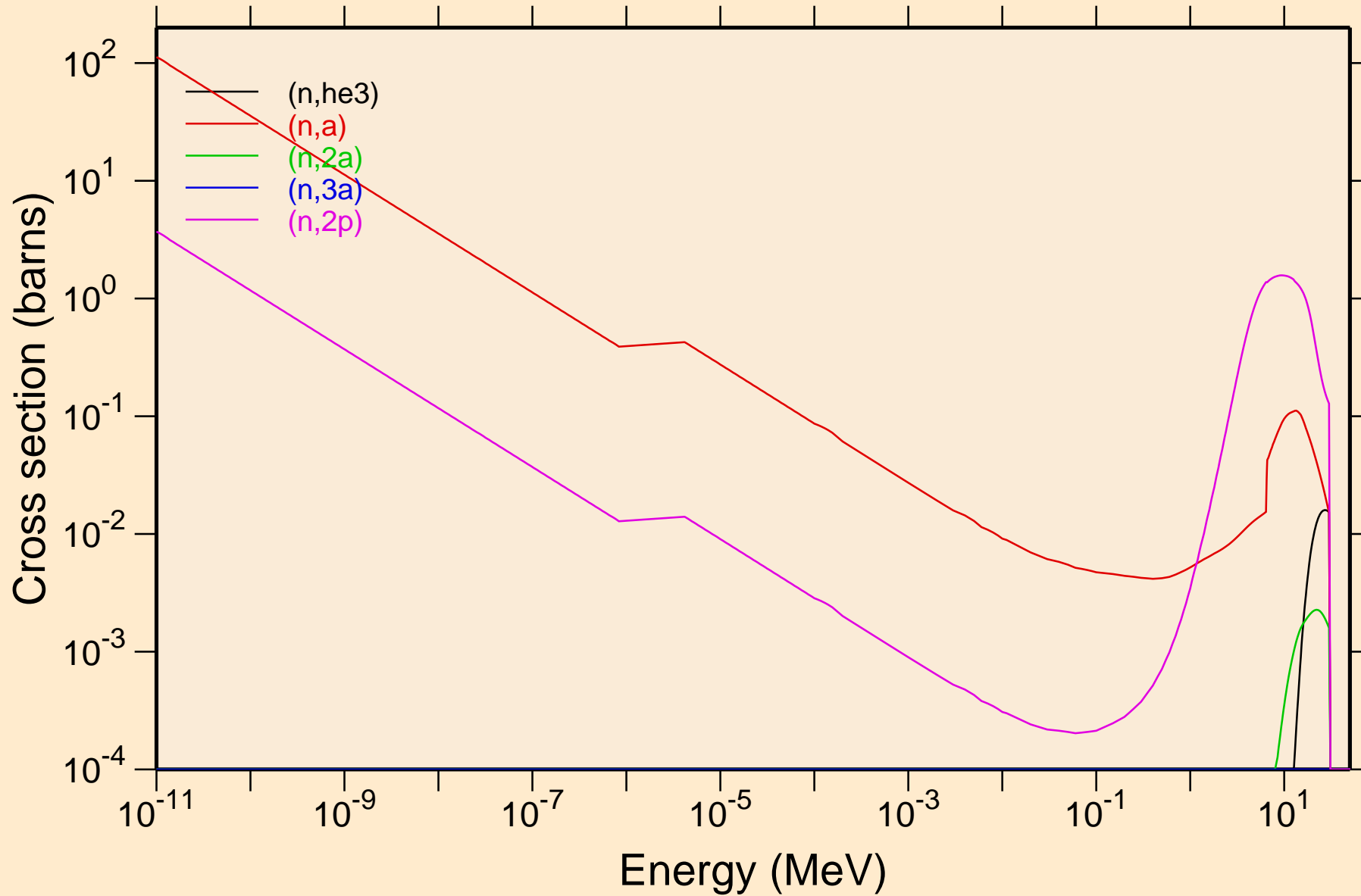
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



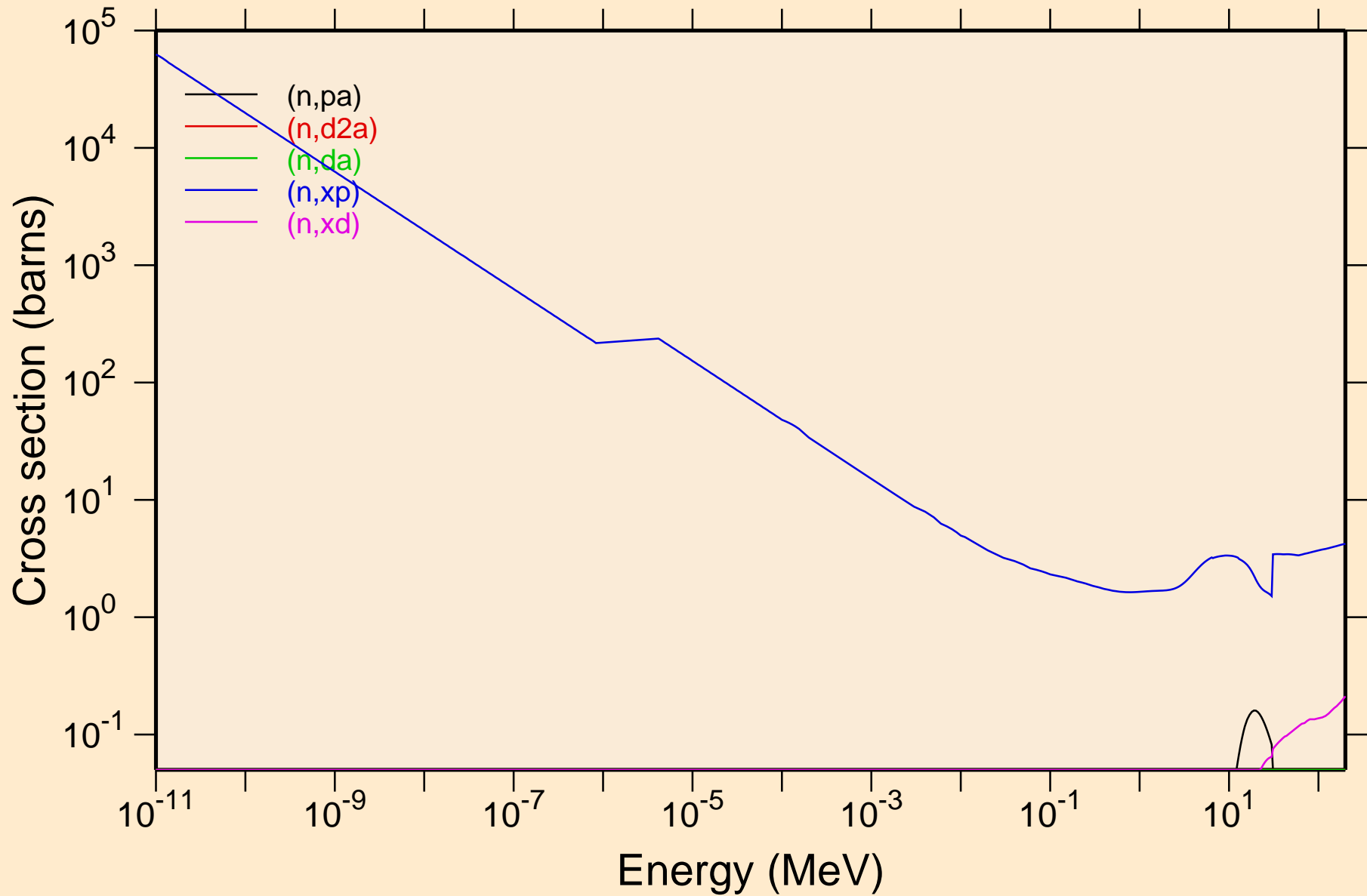
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



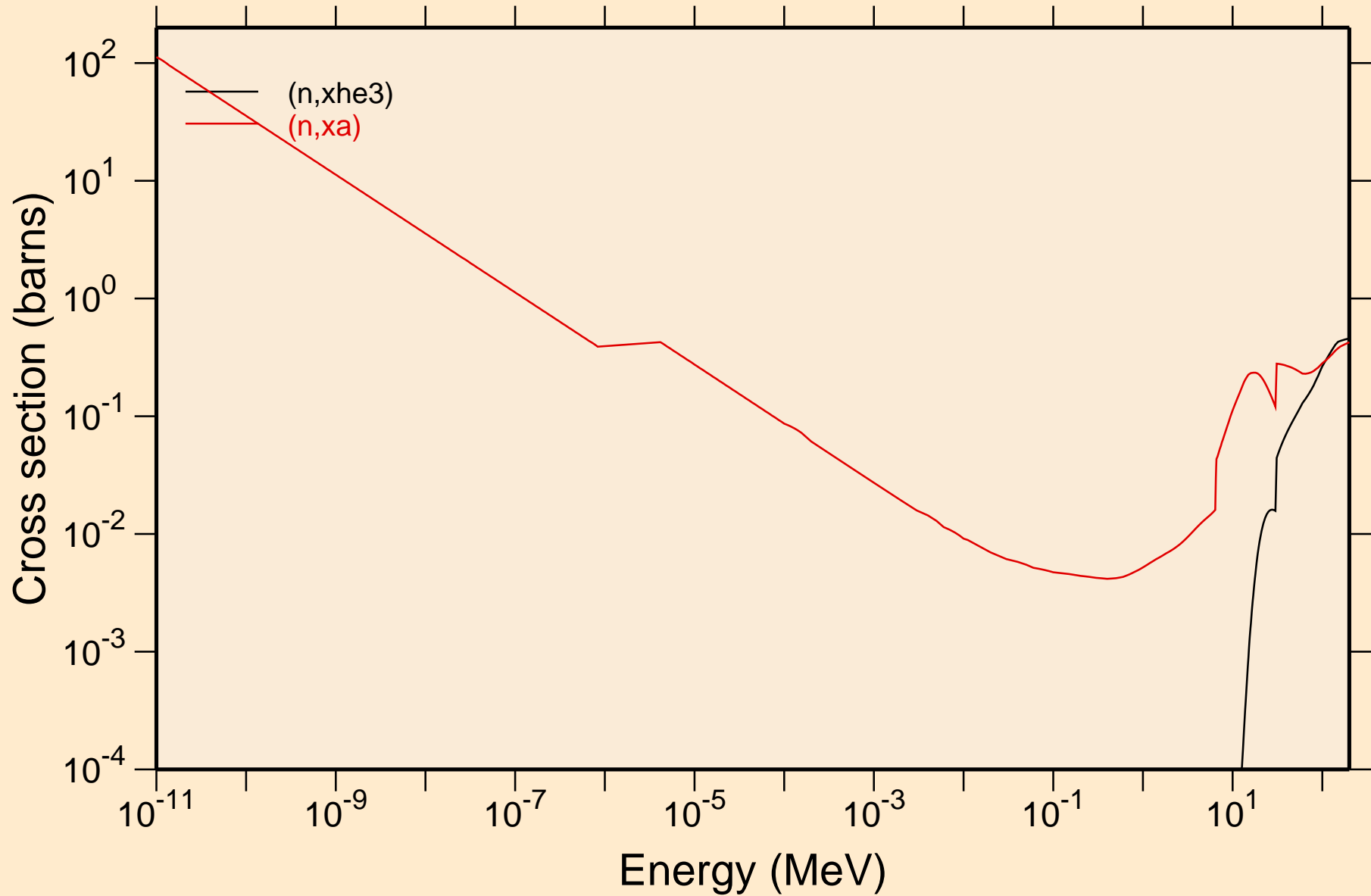
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

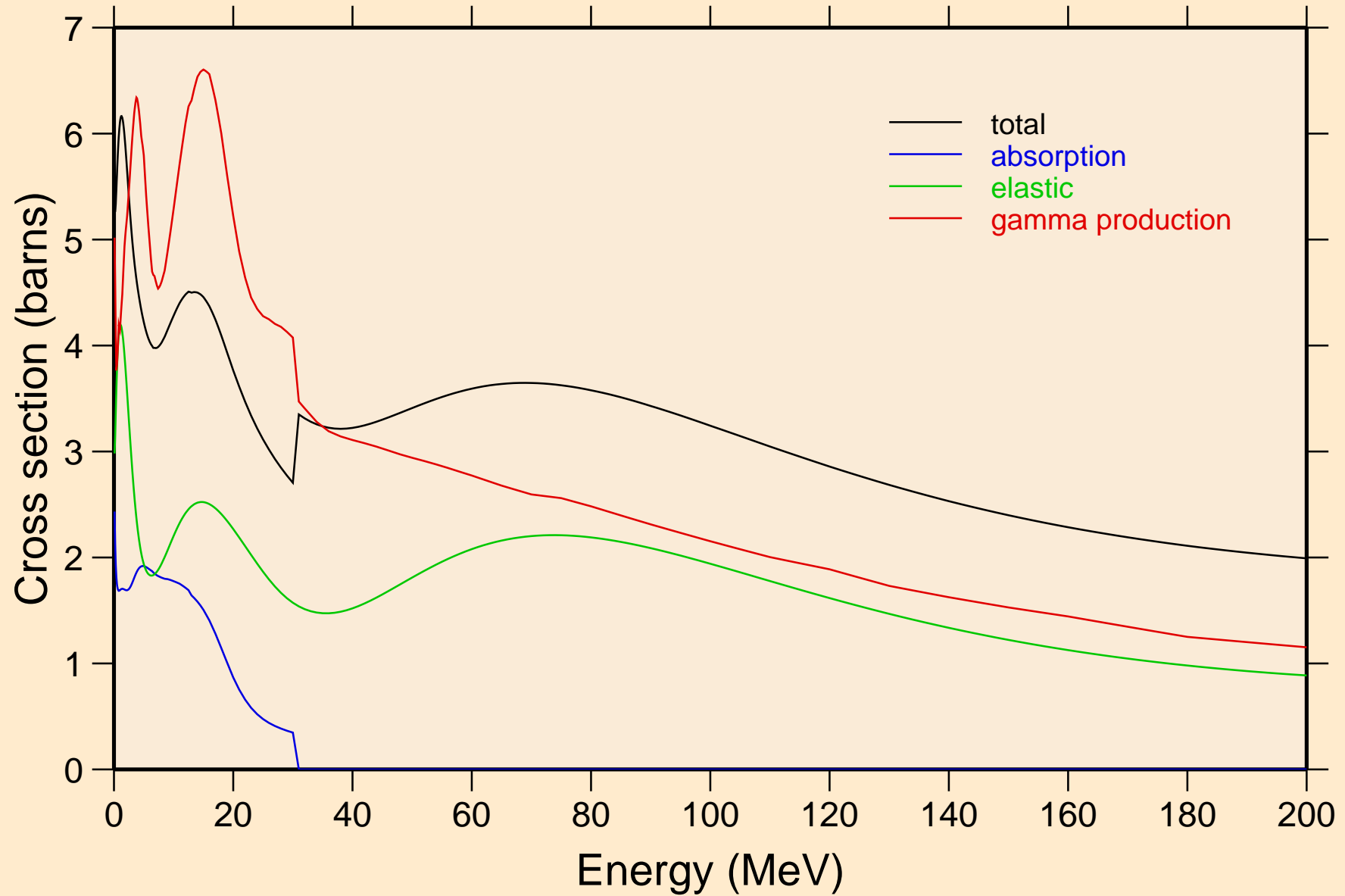


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

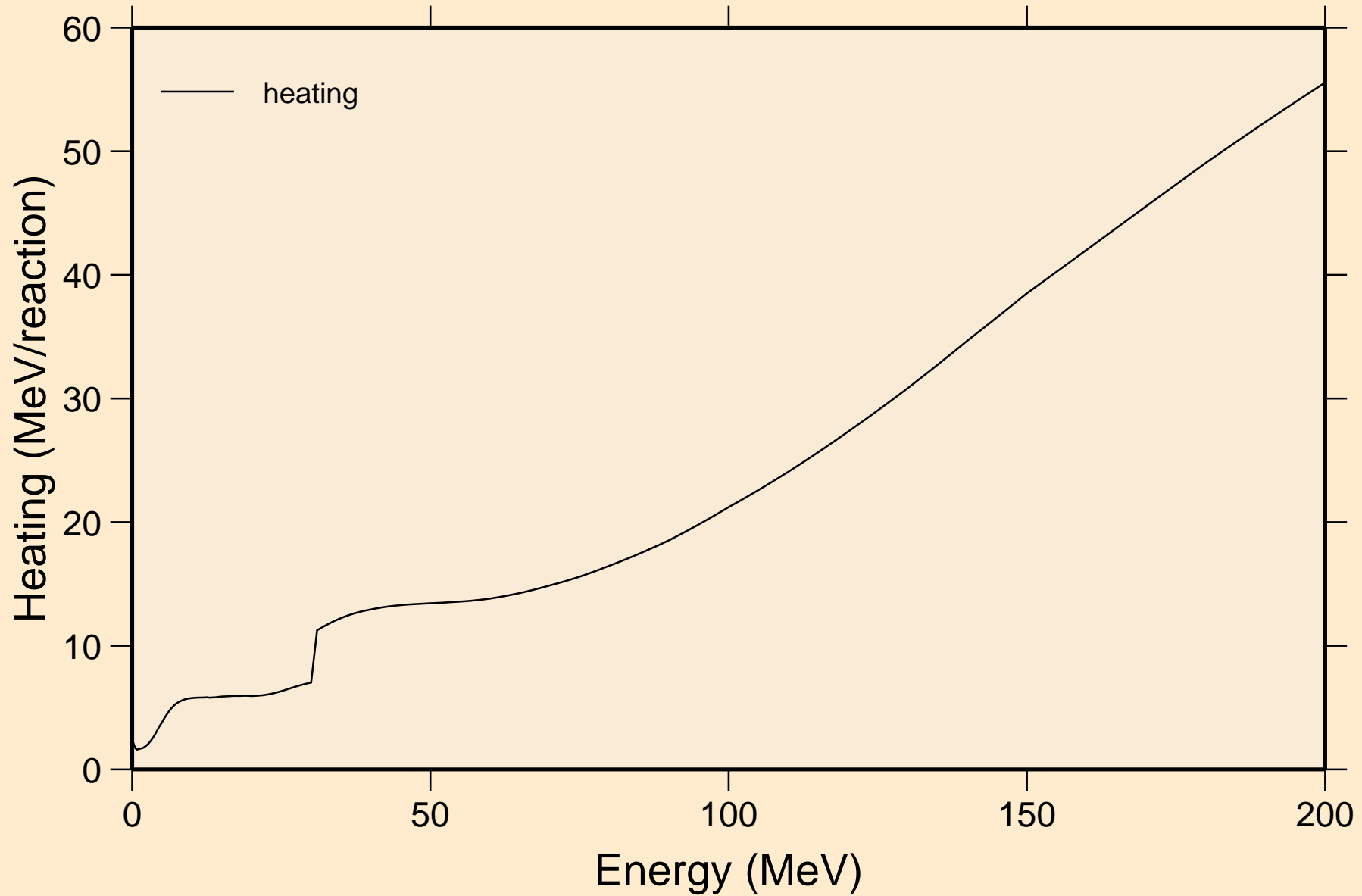
## Principal cross sections





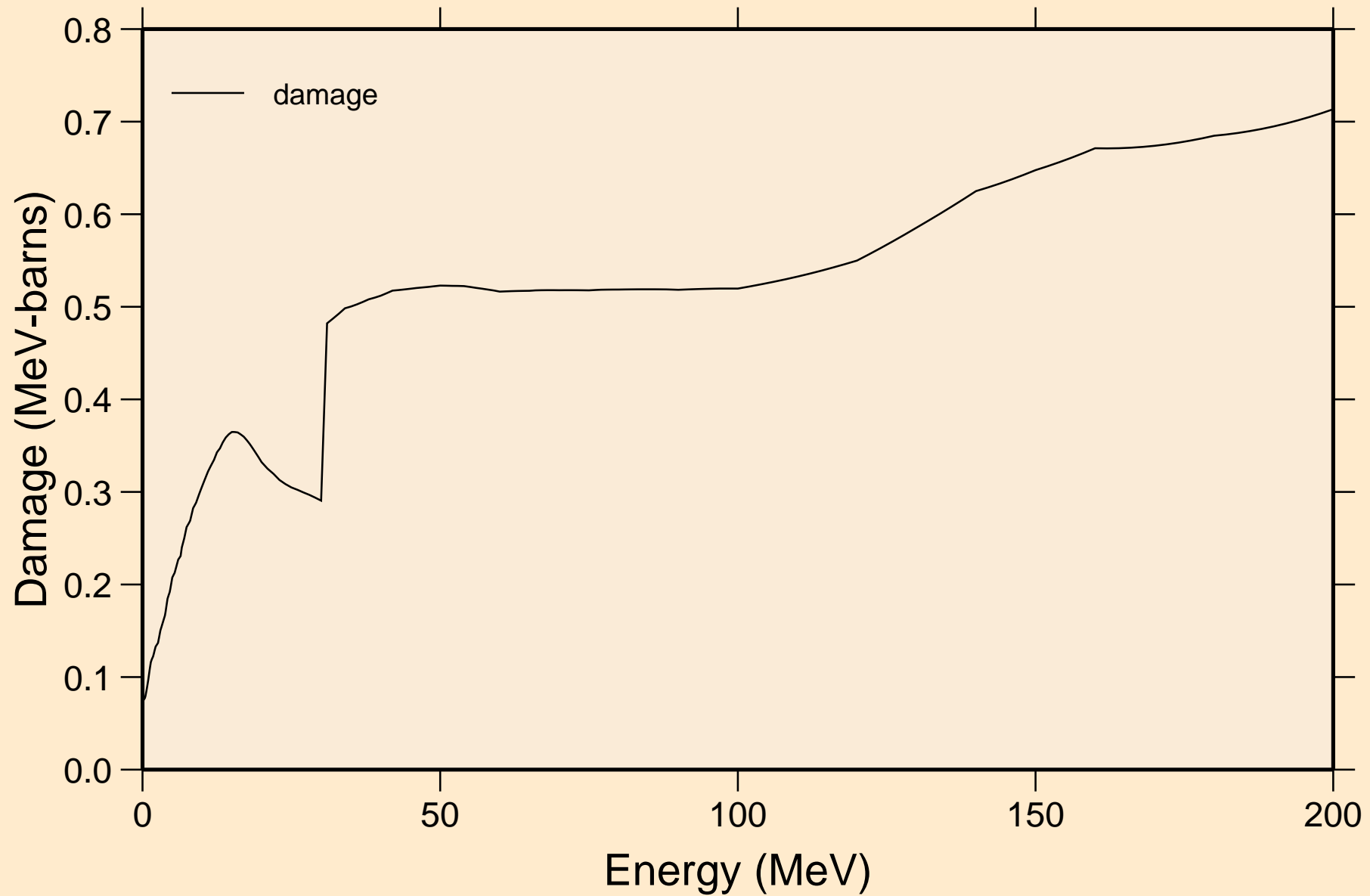
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## Heating

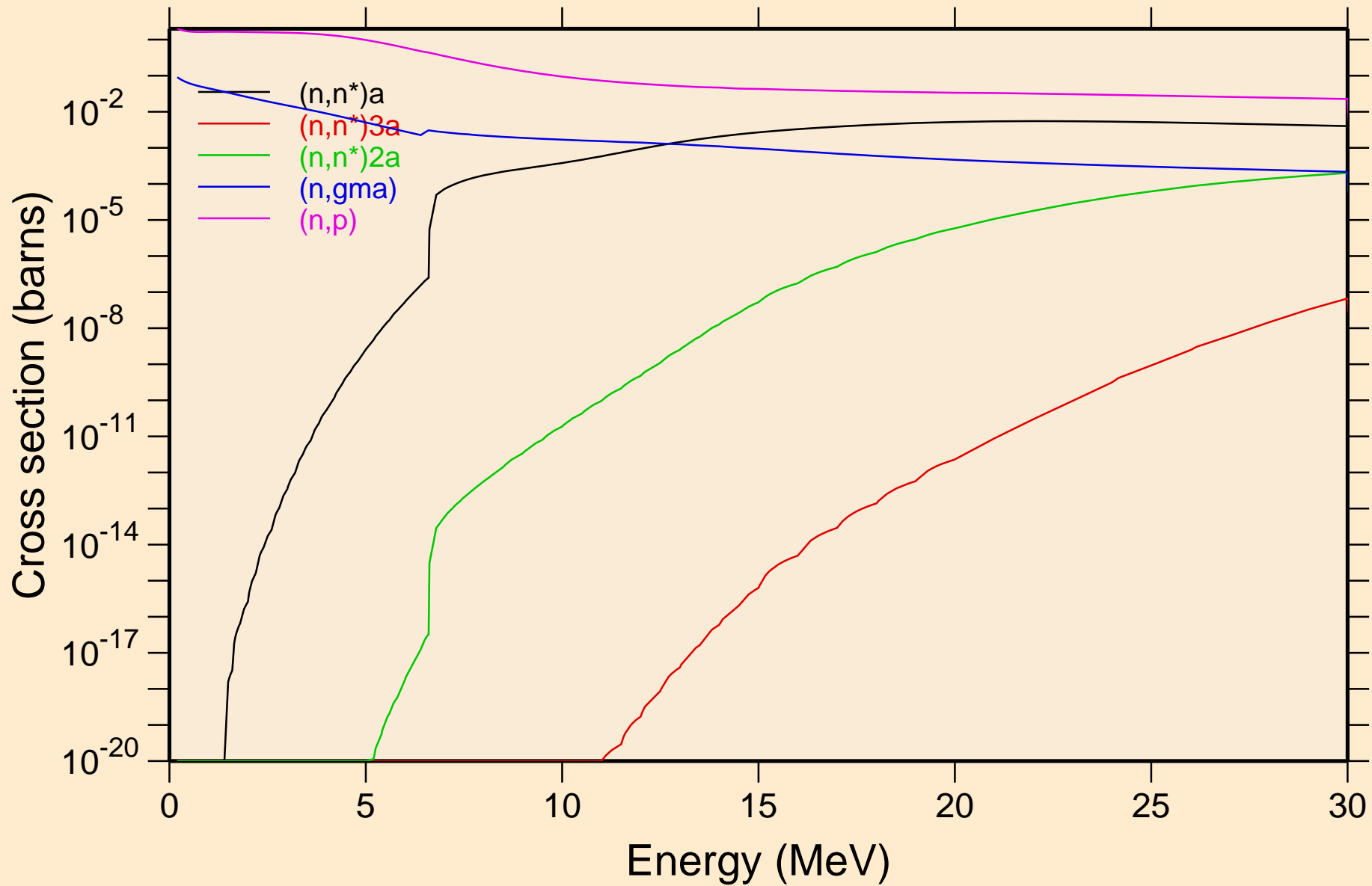


# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

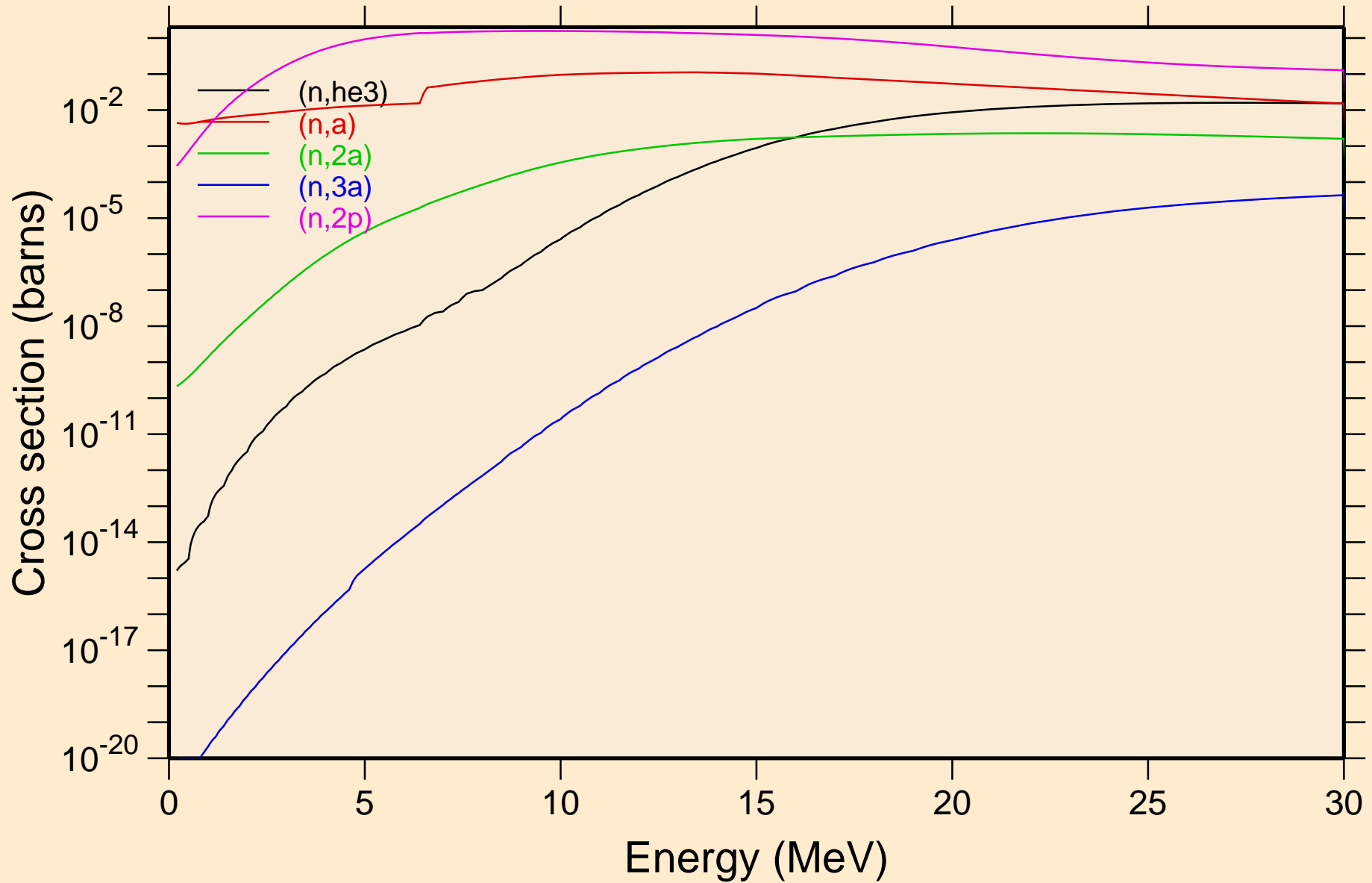
## Damage



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

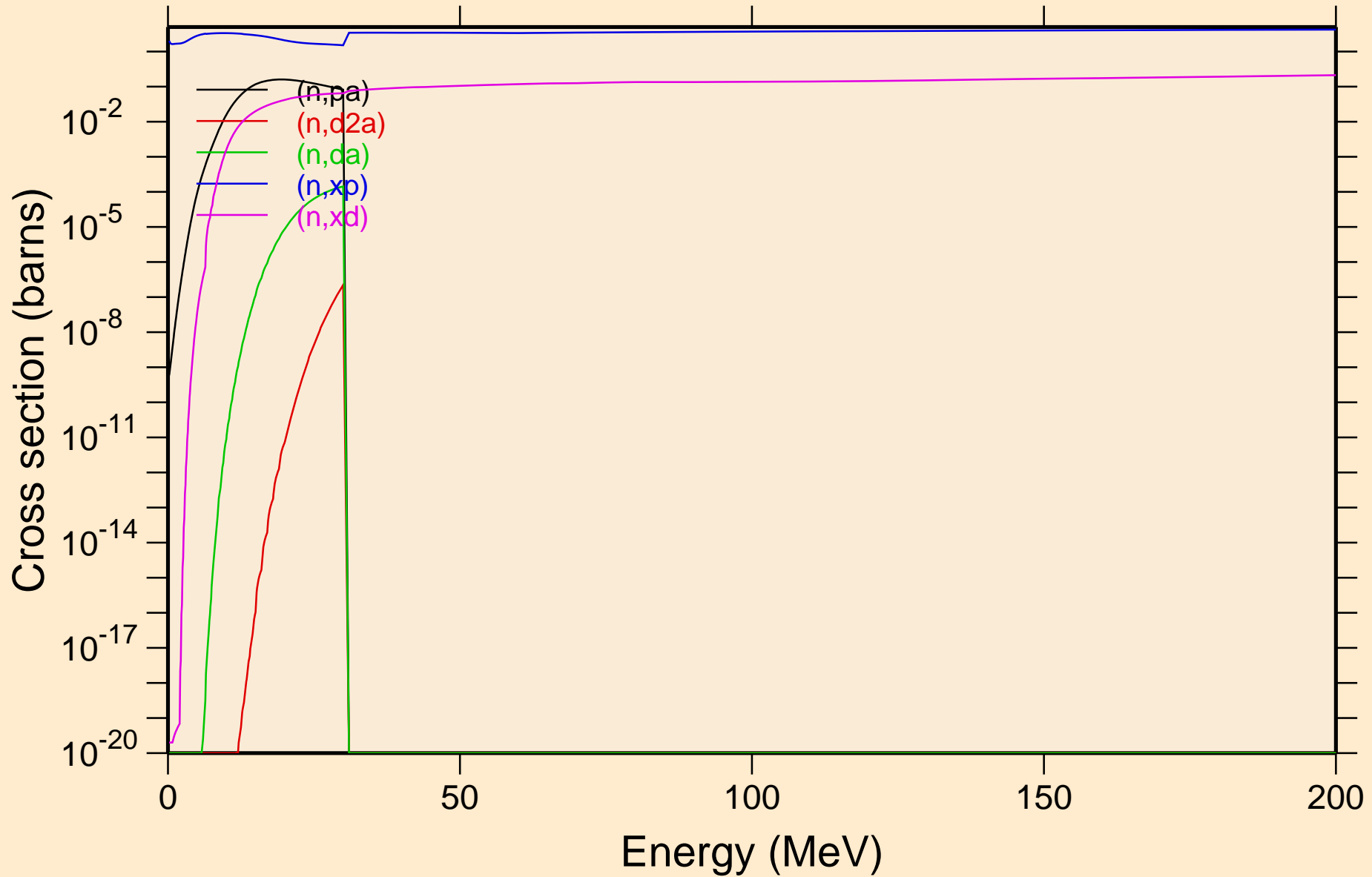


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

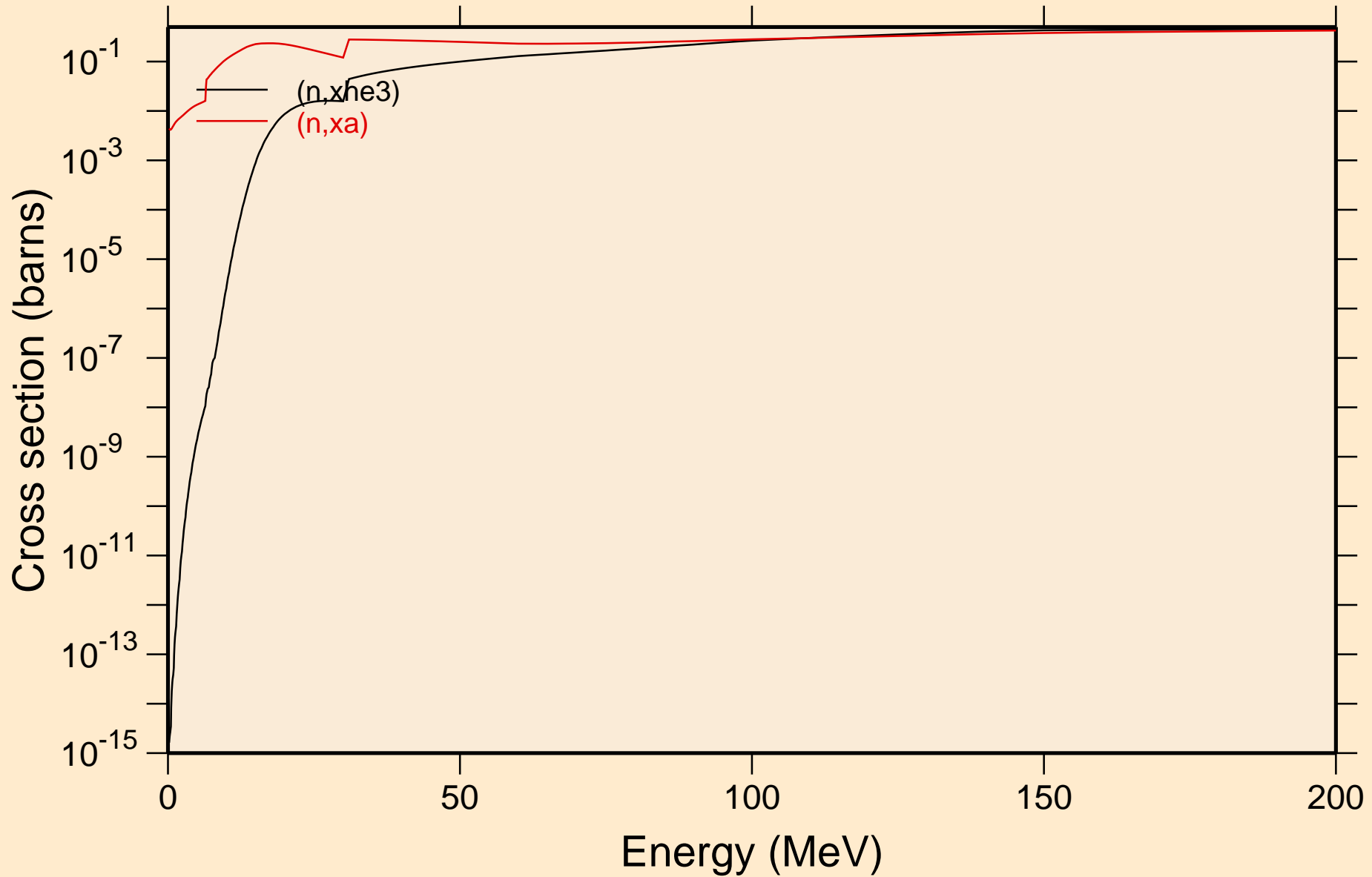


# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

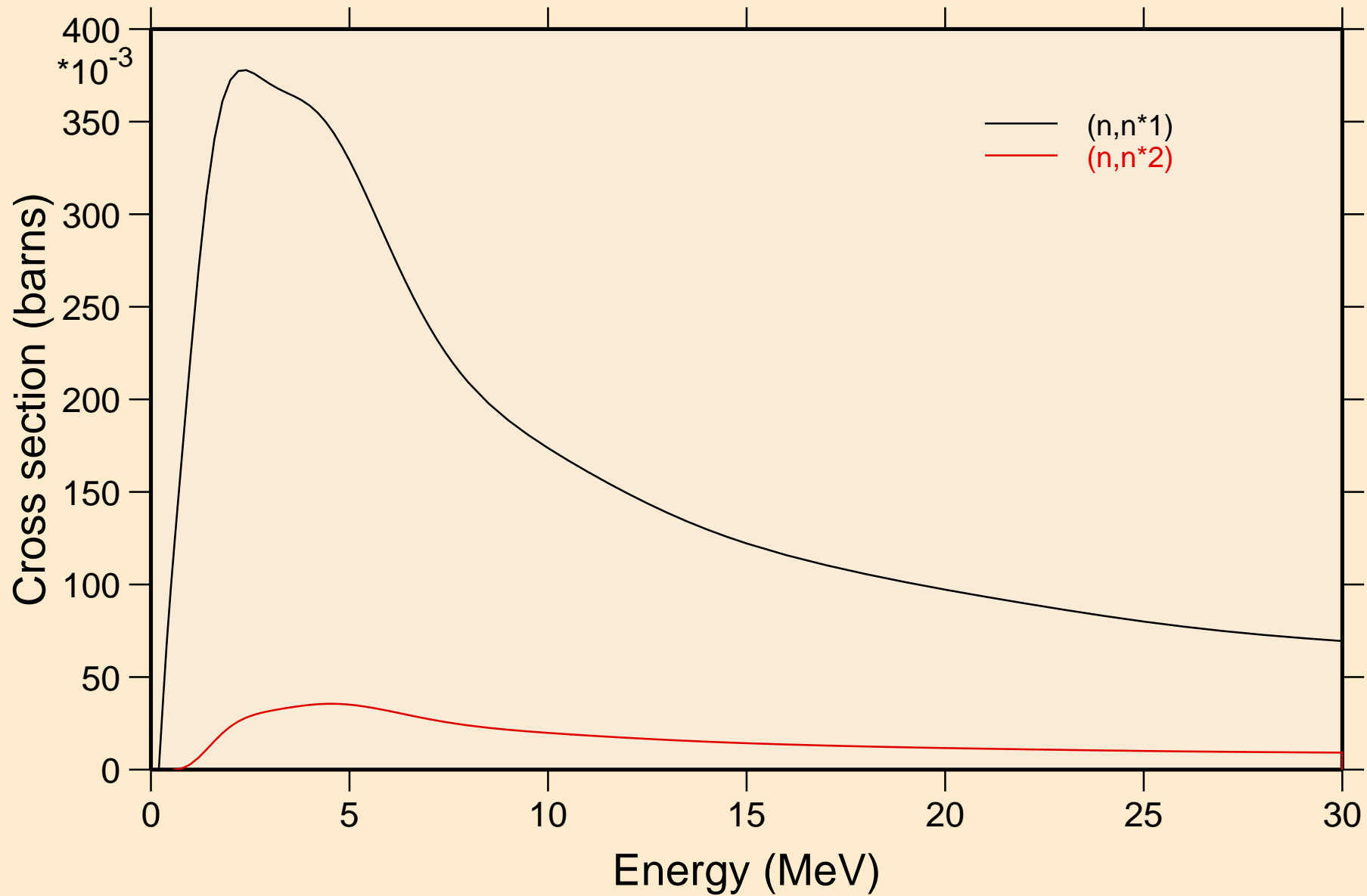
## Non-threshold reactions



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

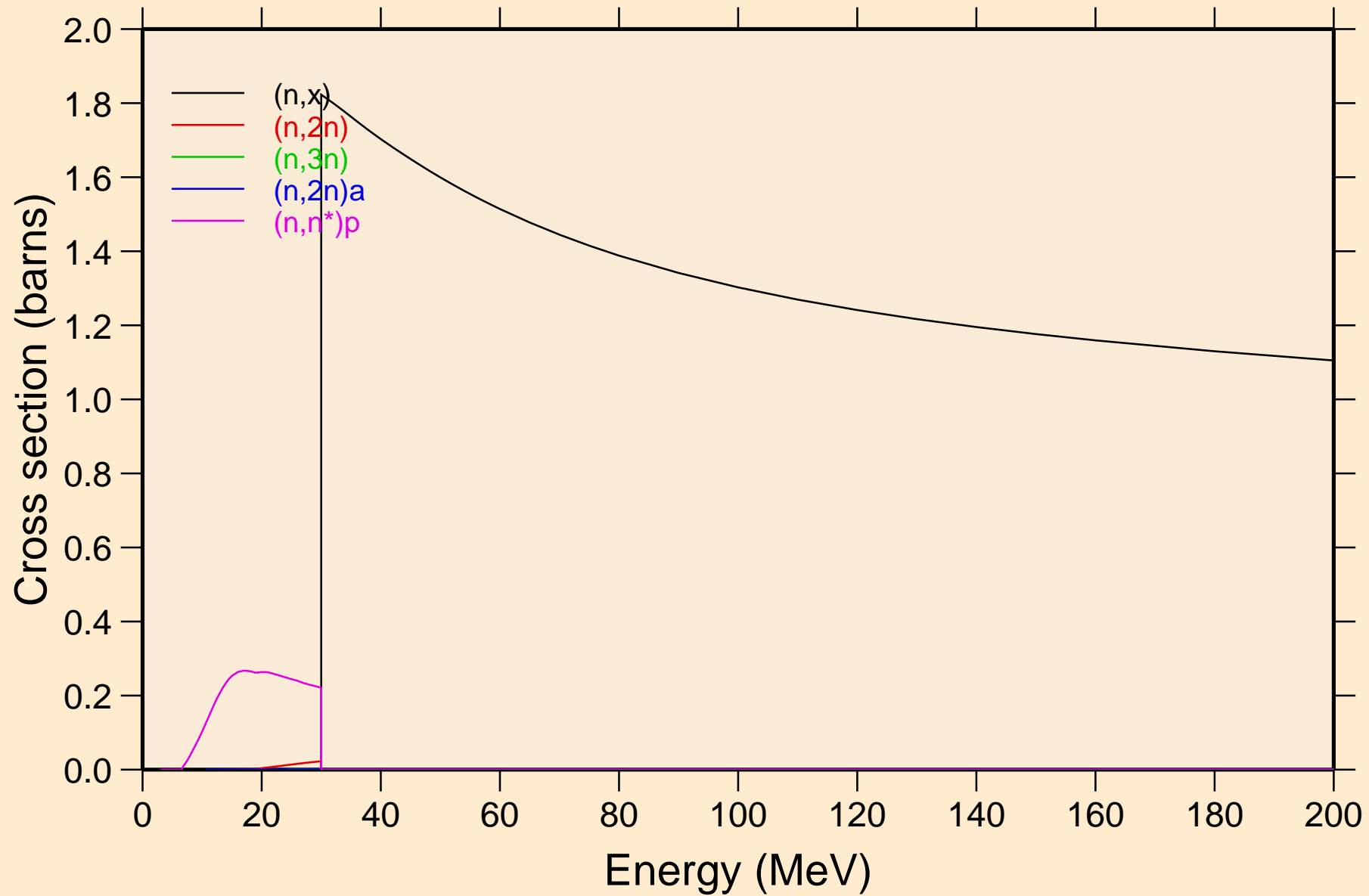


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



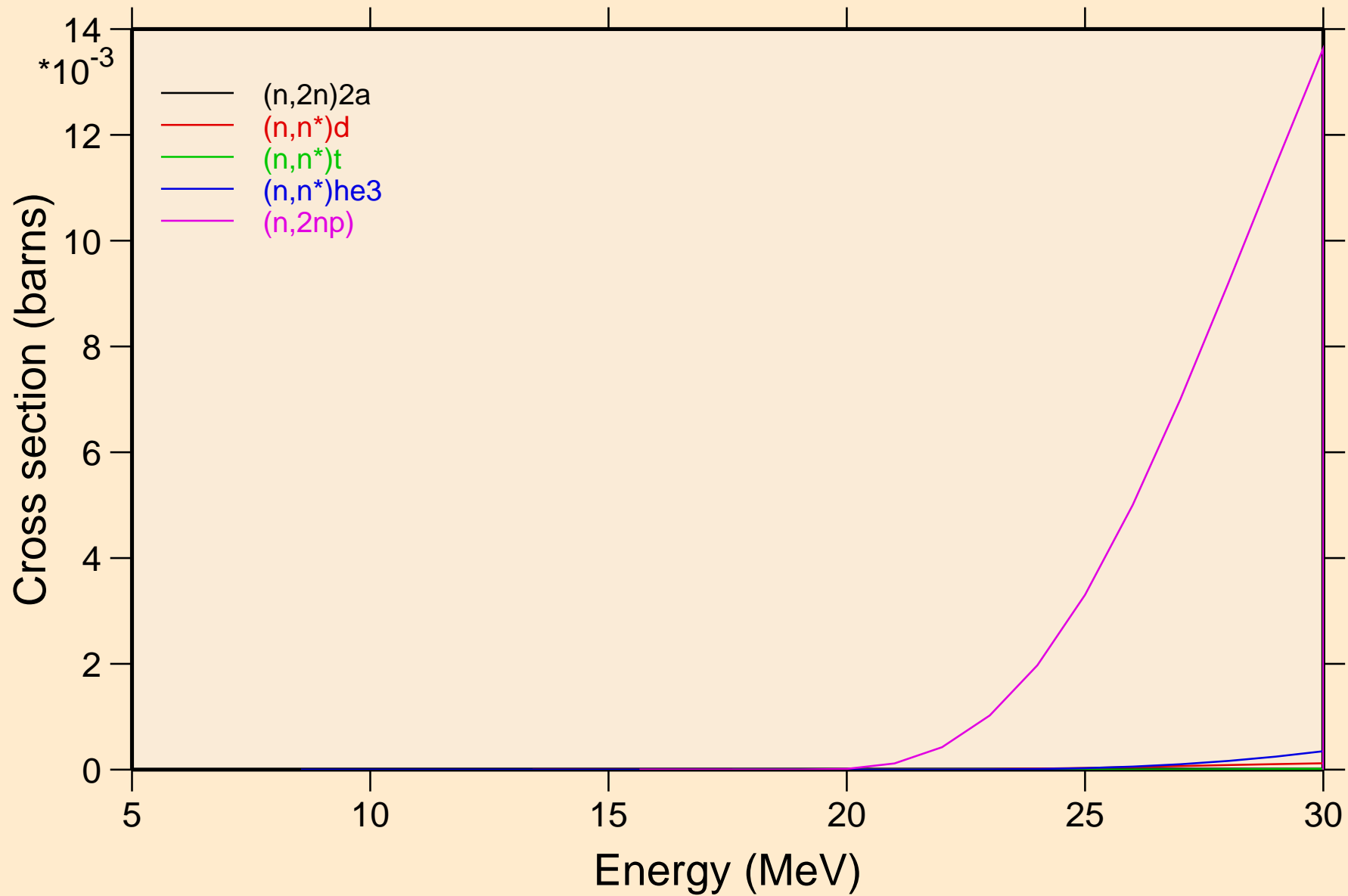
# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

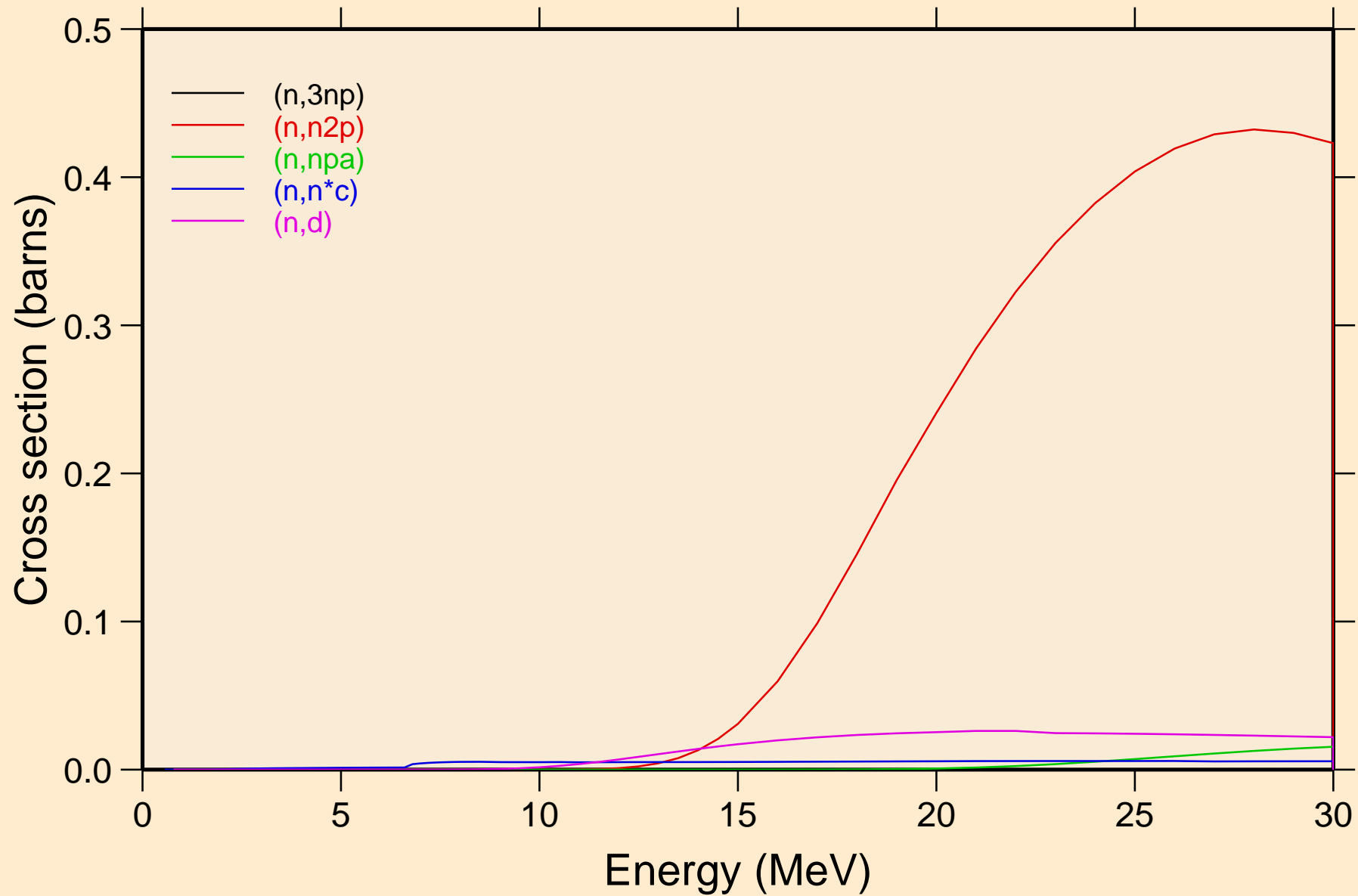




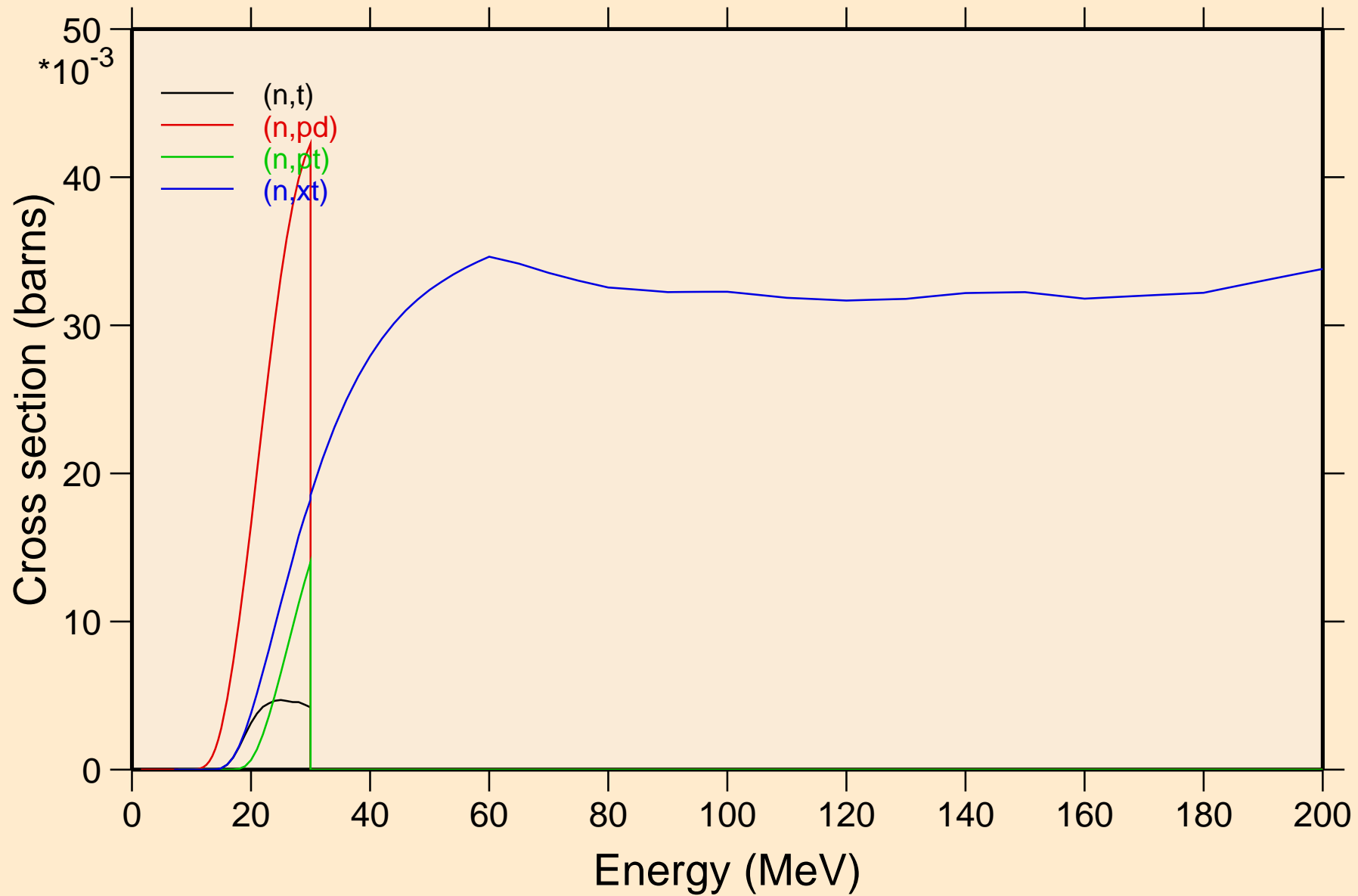
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



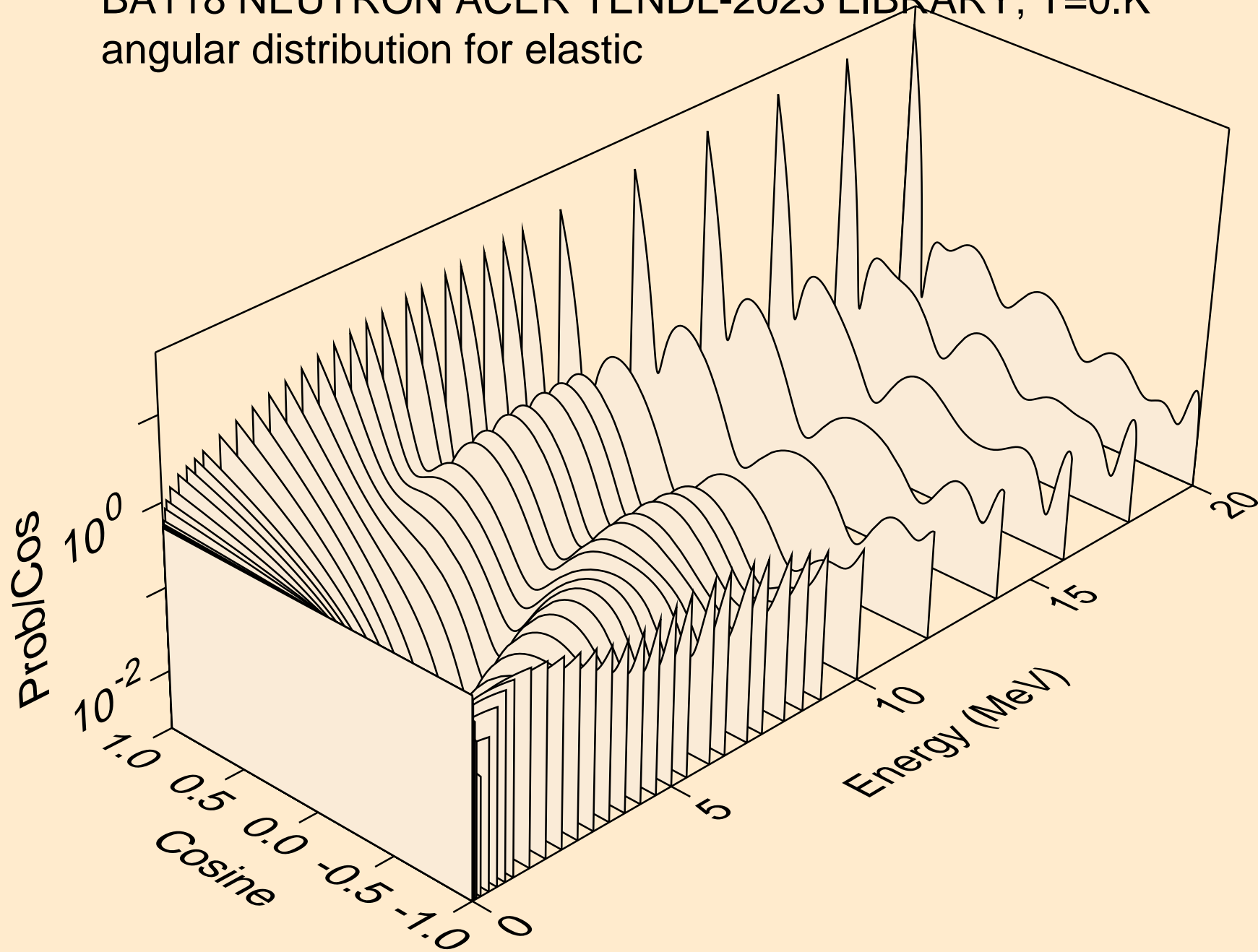
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



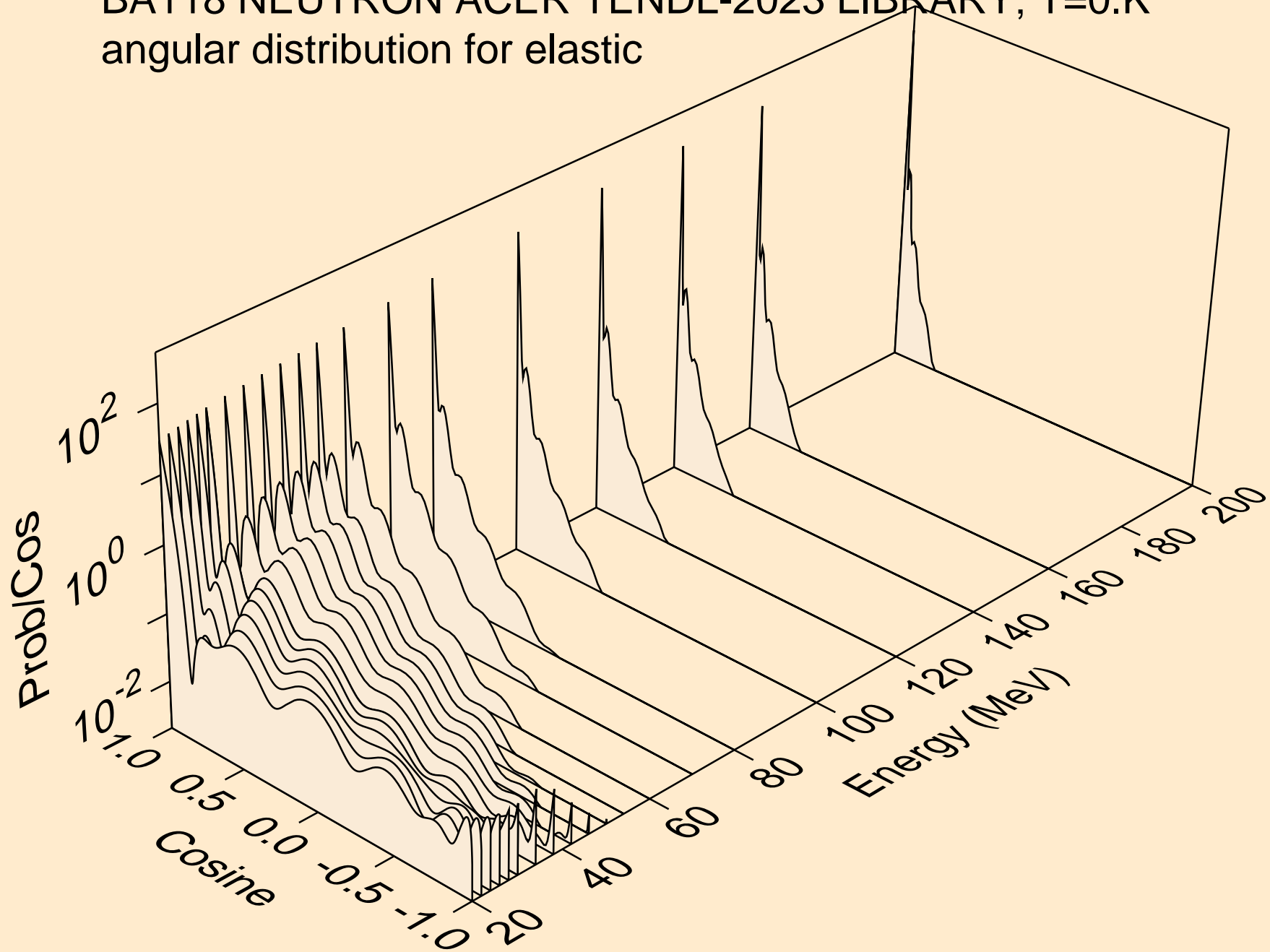
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



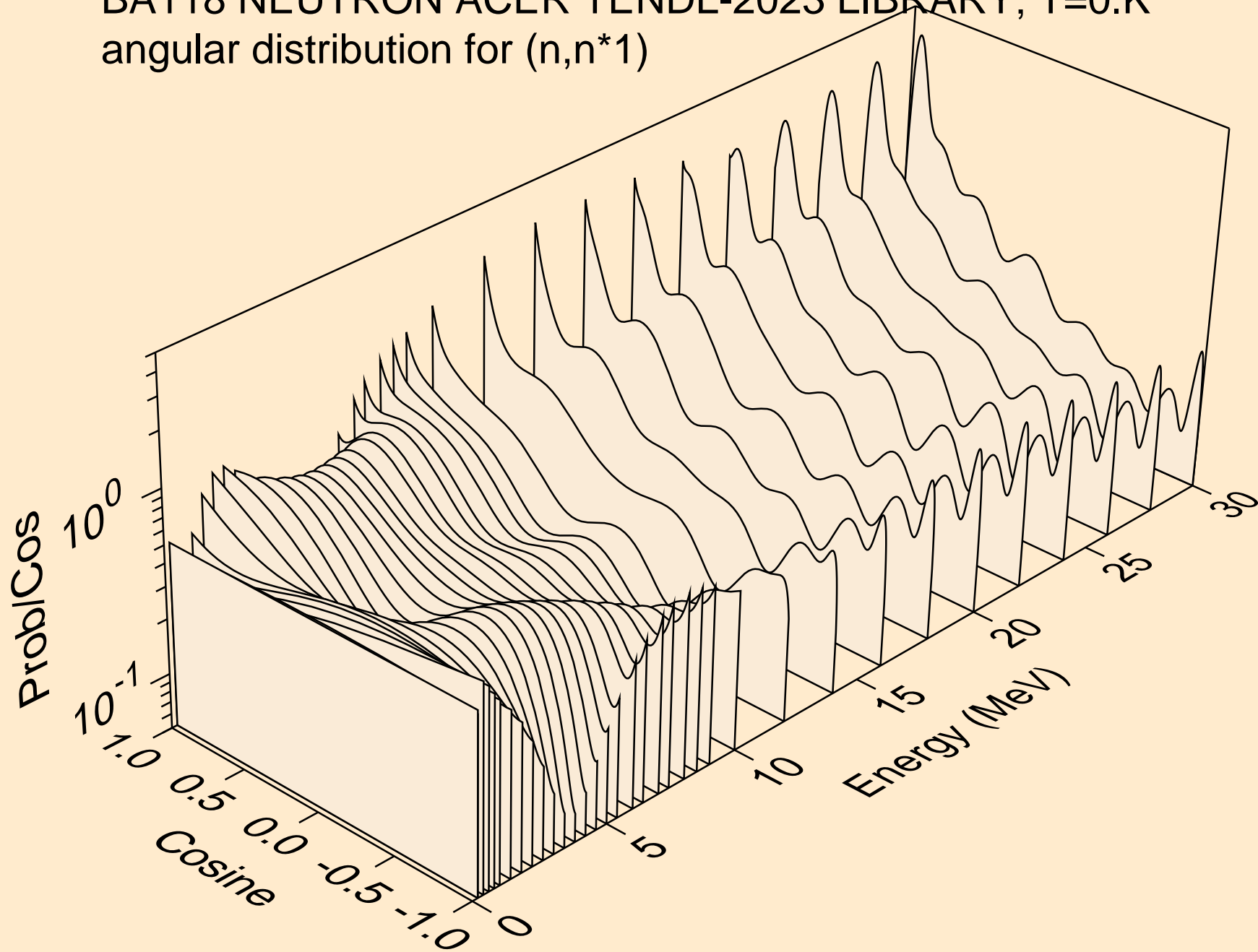
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



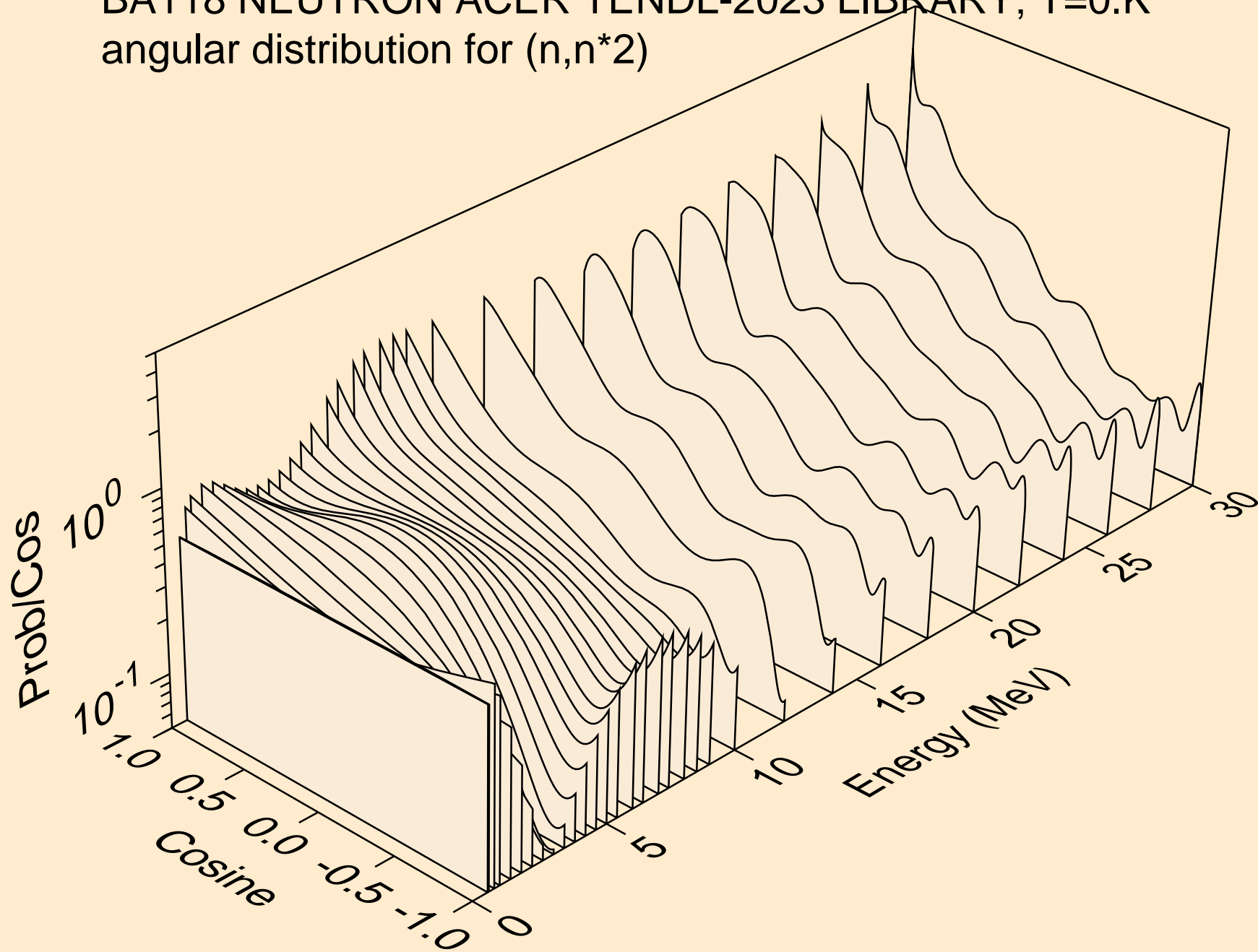
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



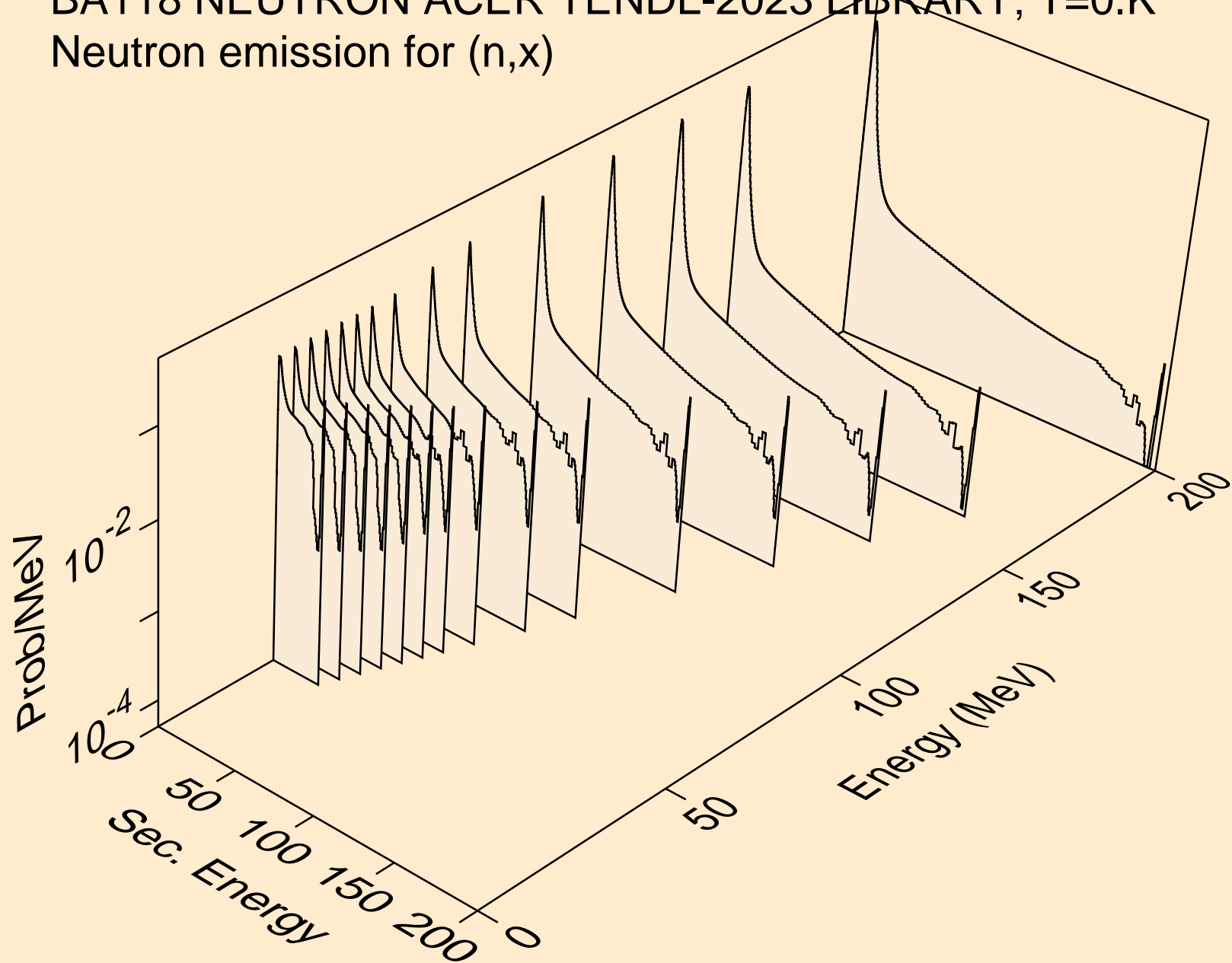
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

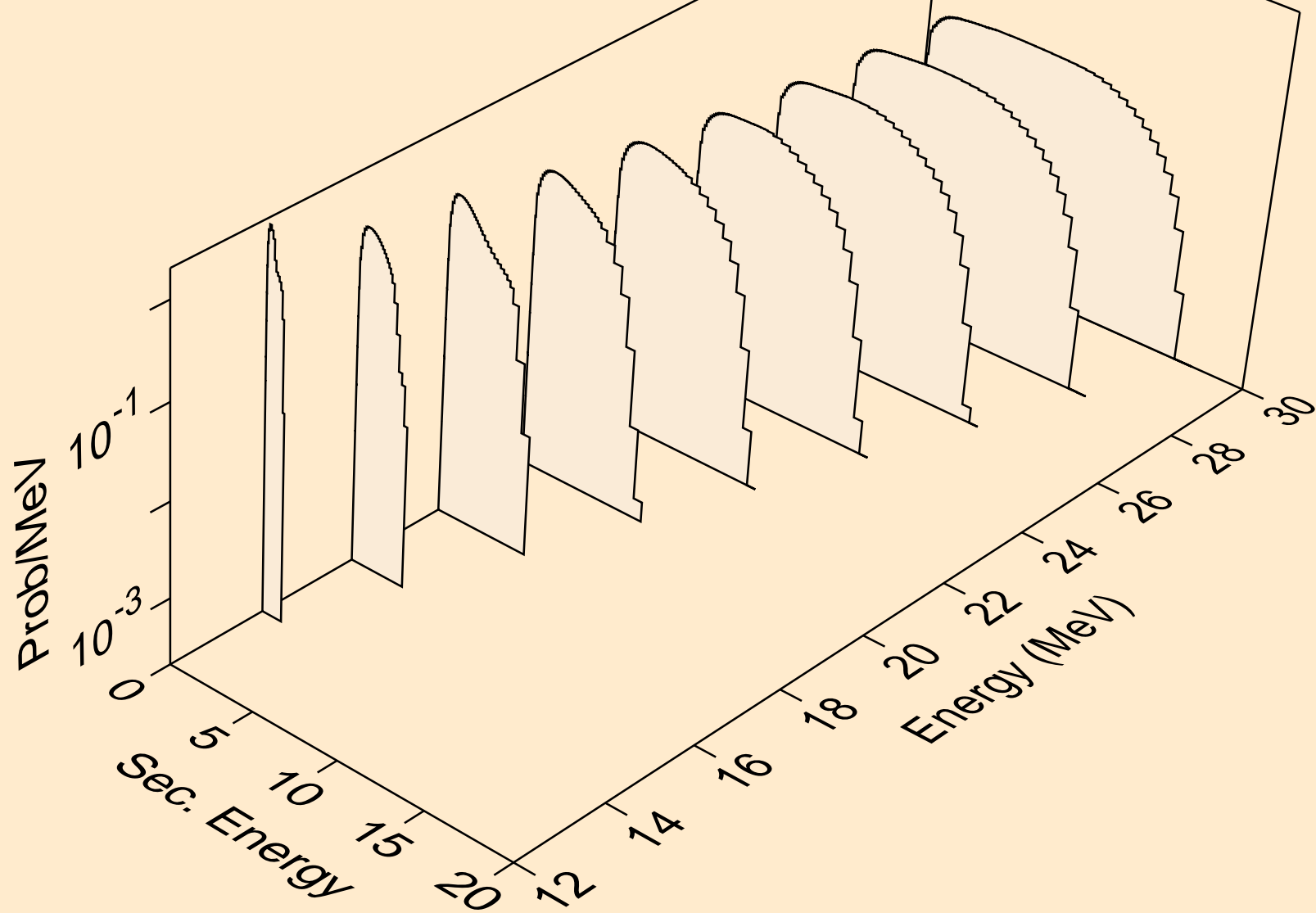


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

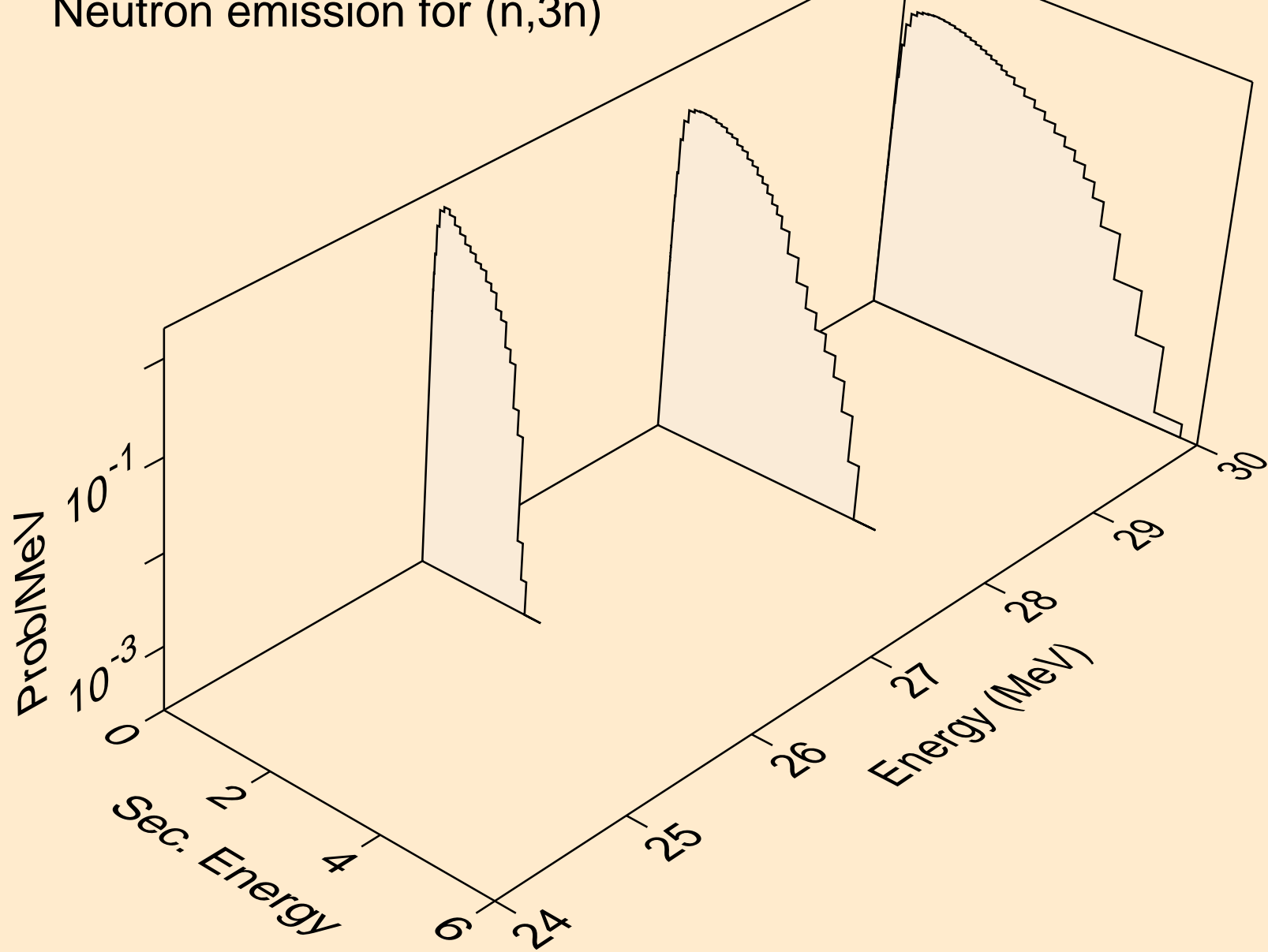




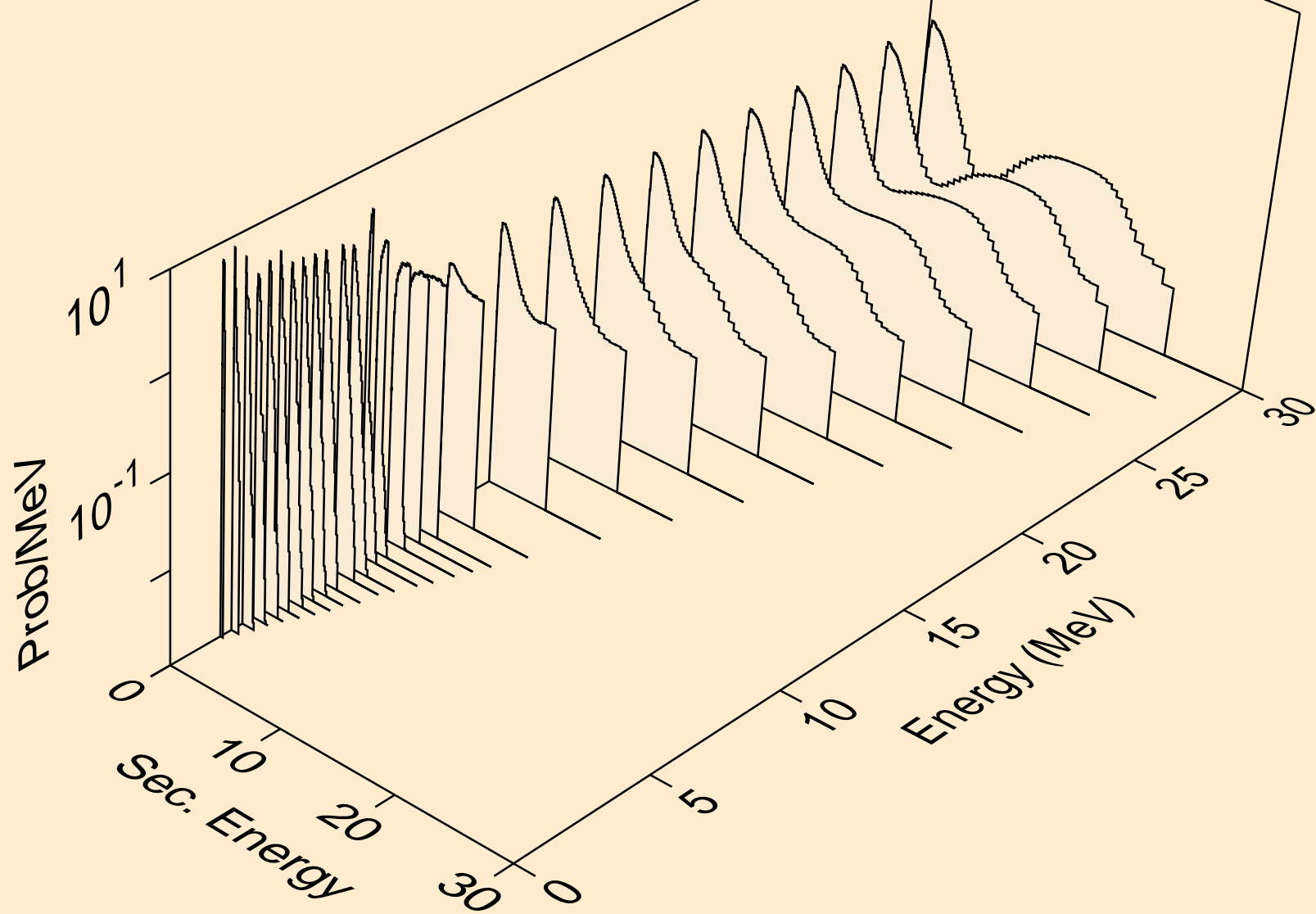
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



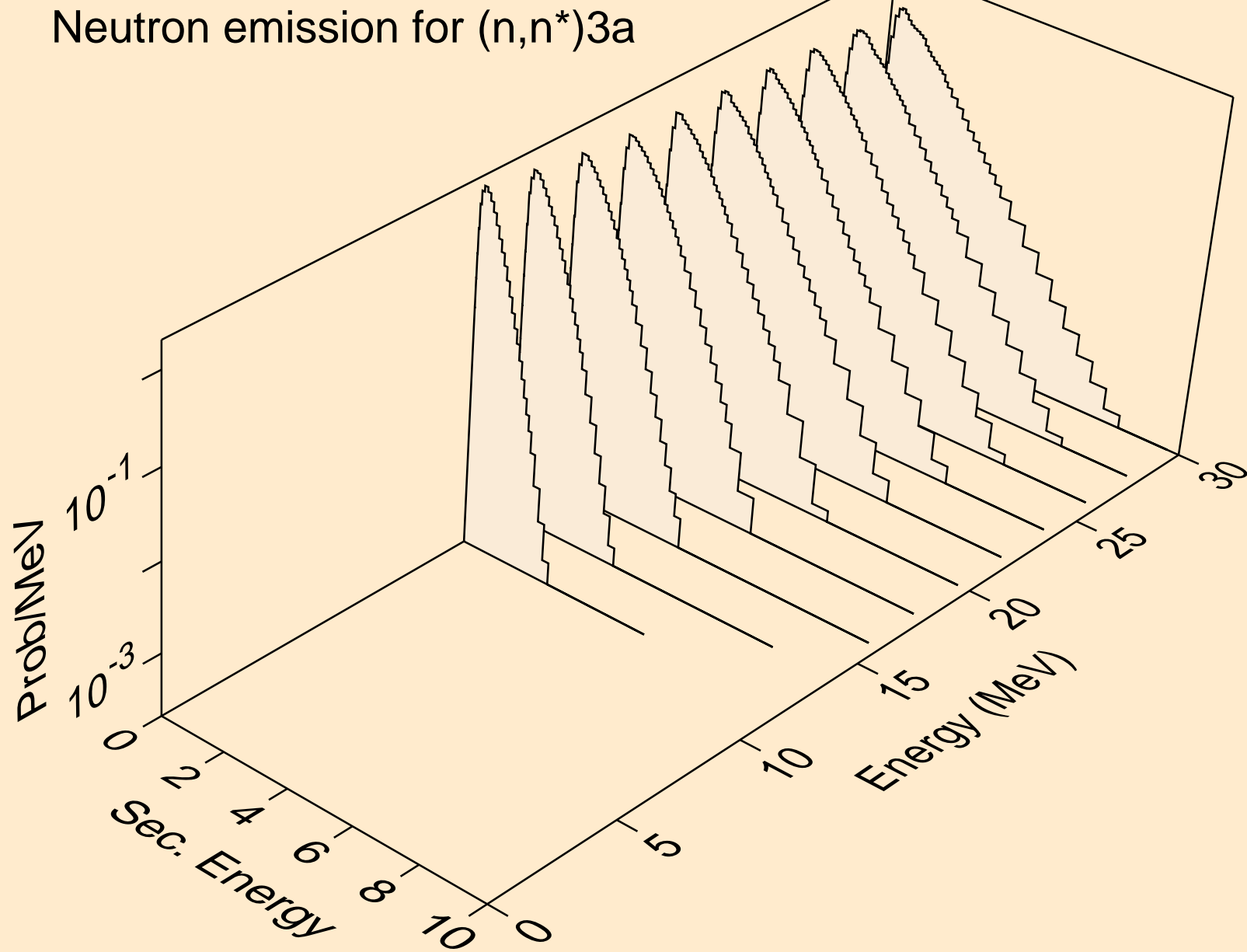
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



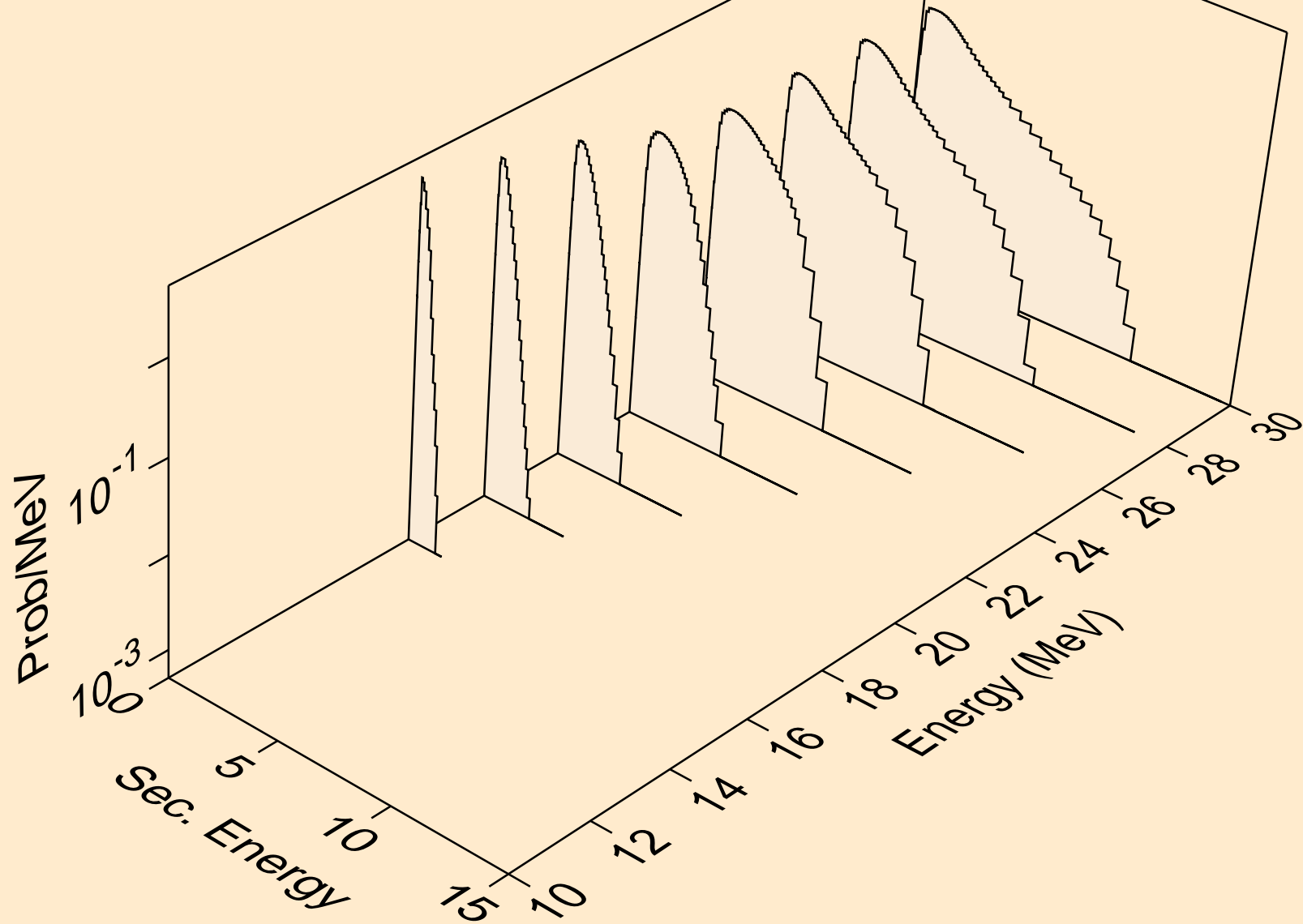
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



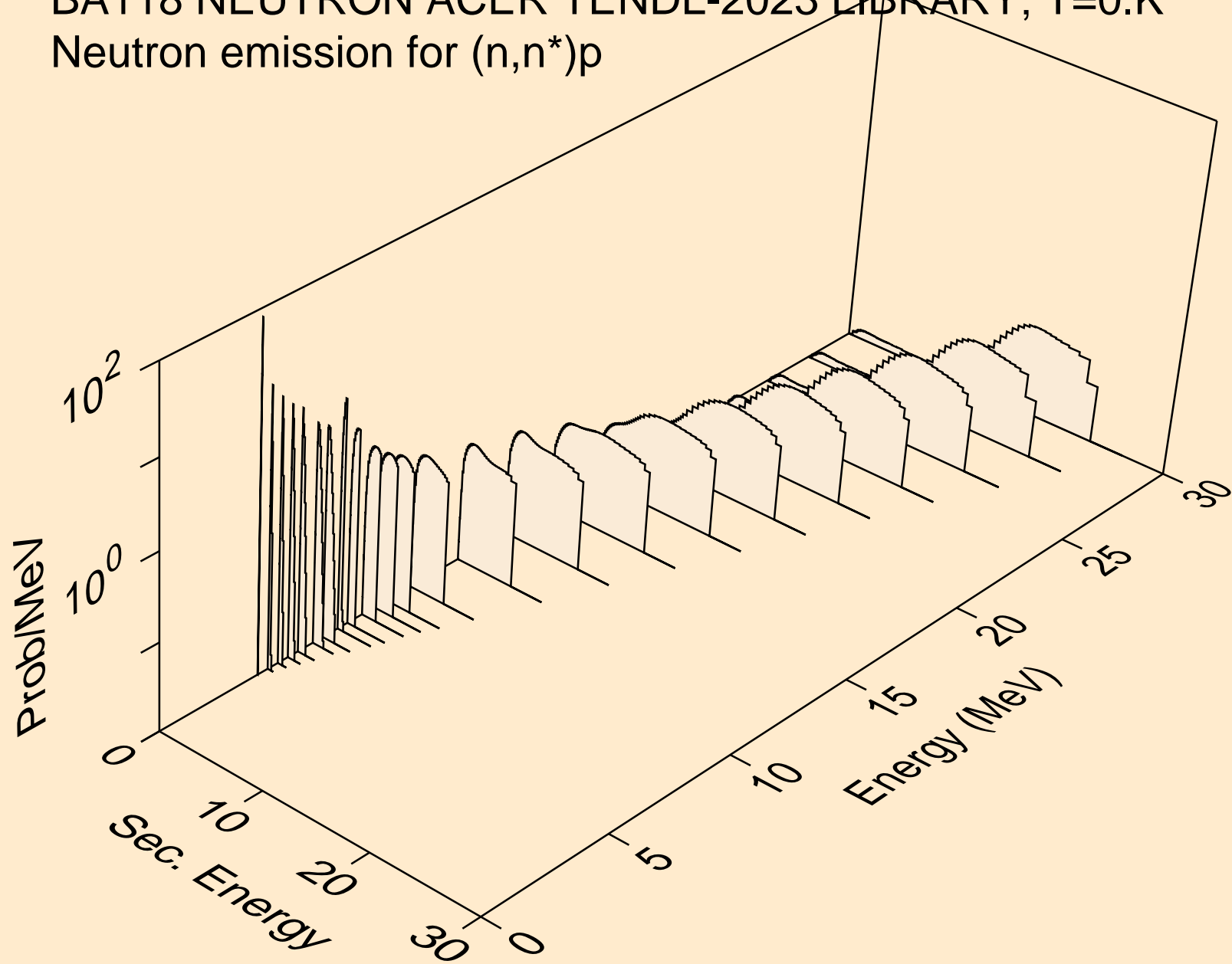
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Neutron emission for (n,n\*)3a



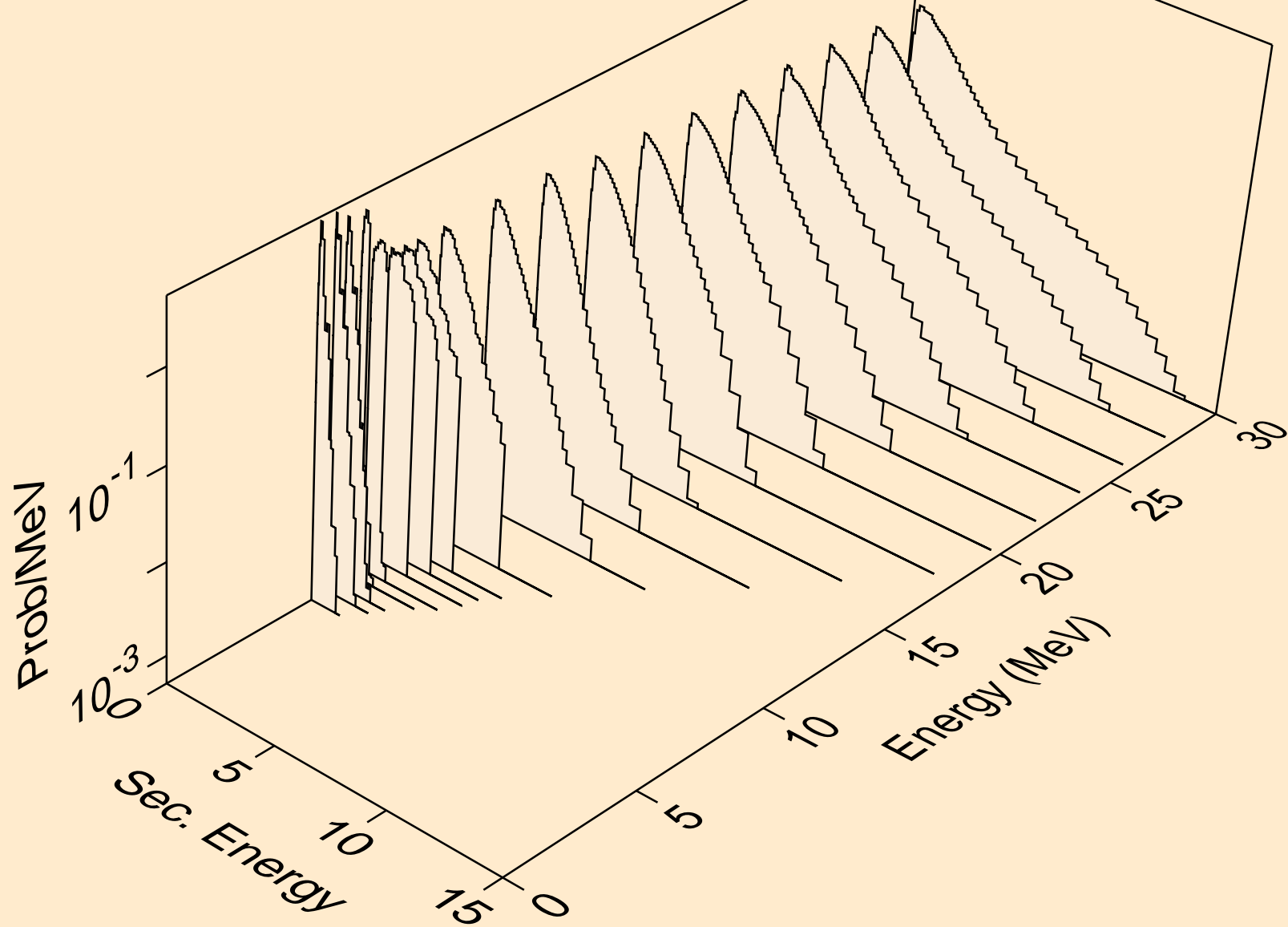
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



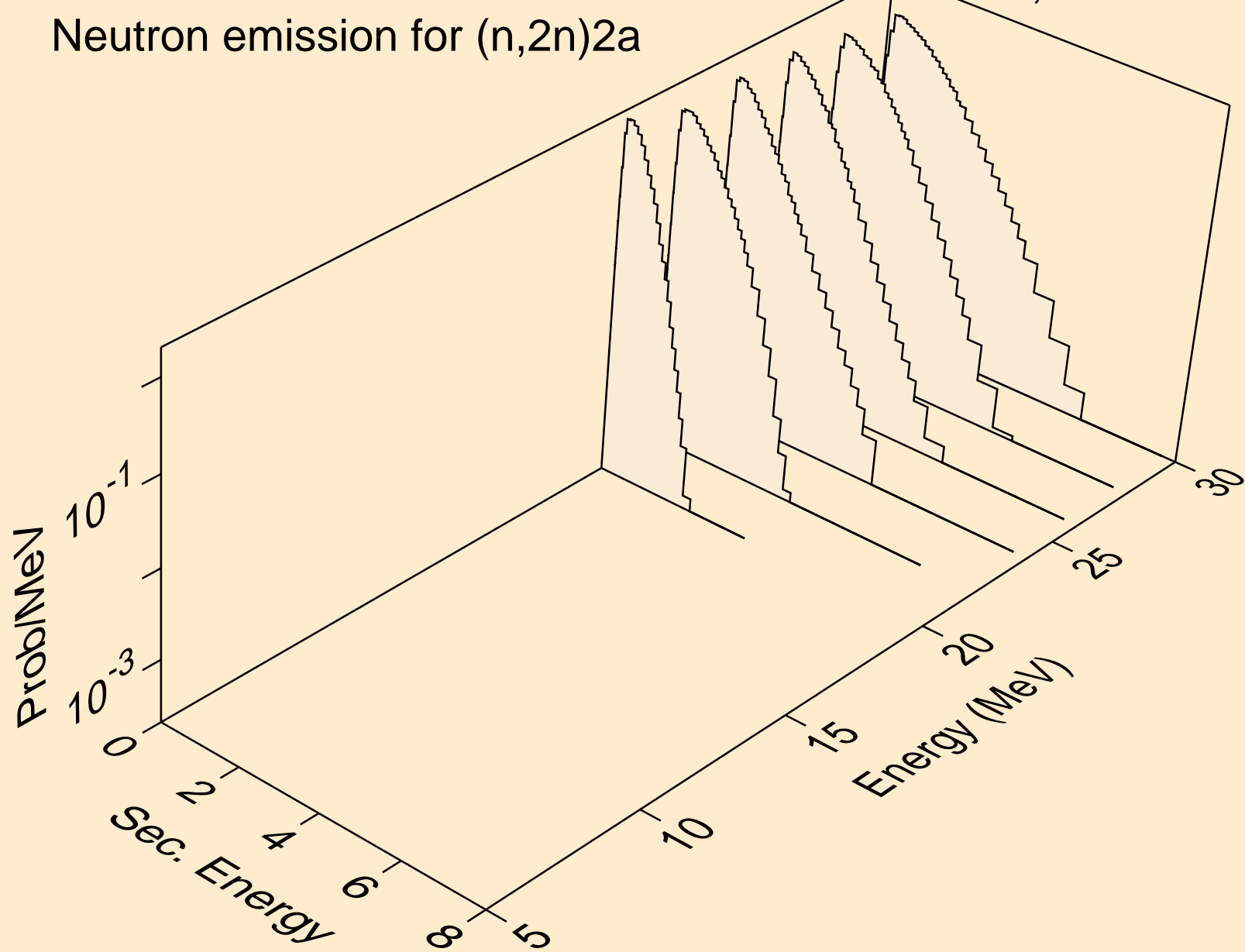
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

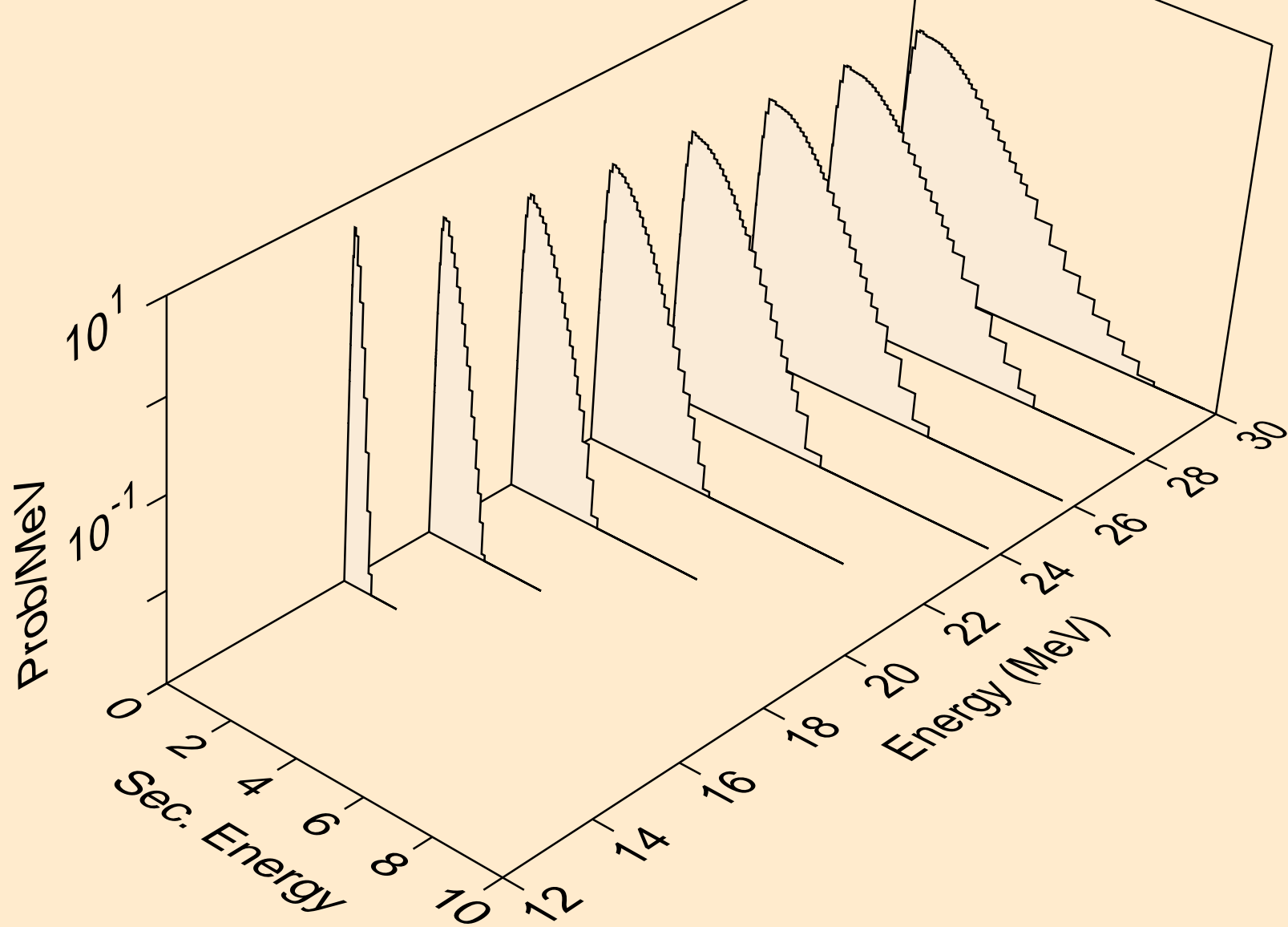


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

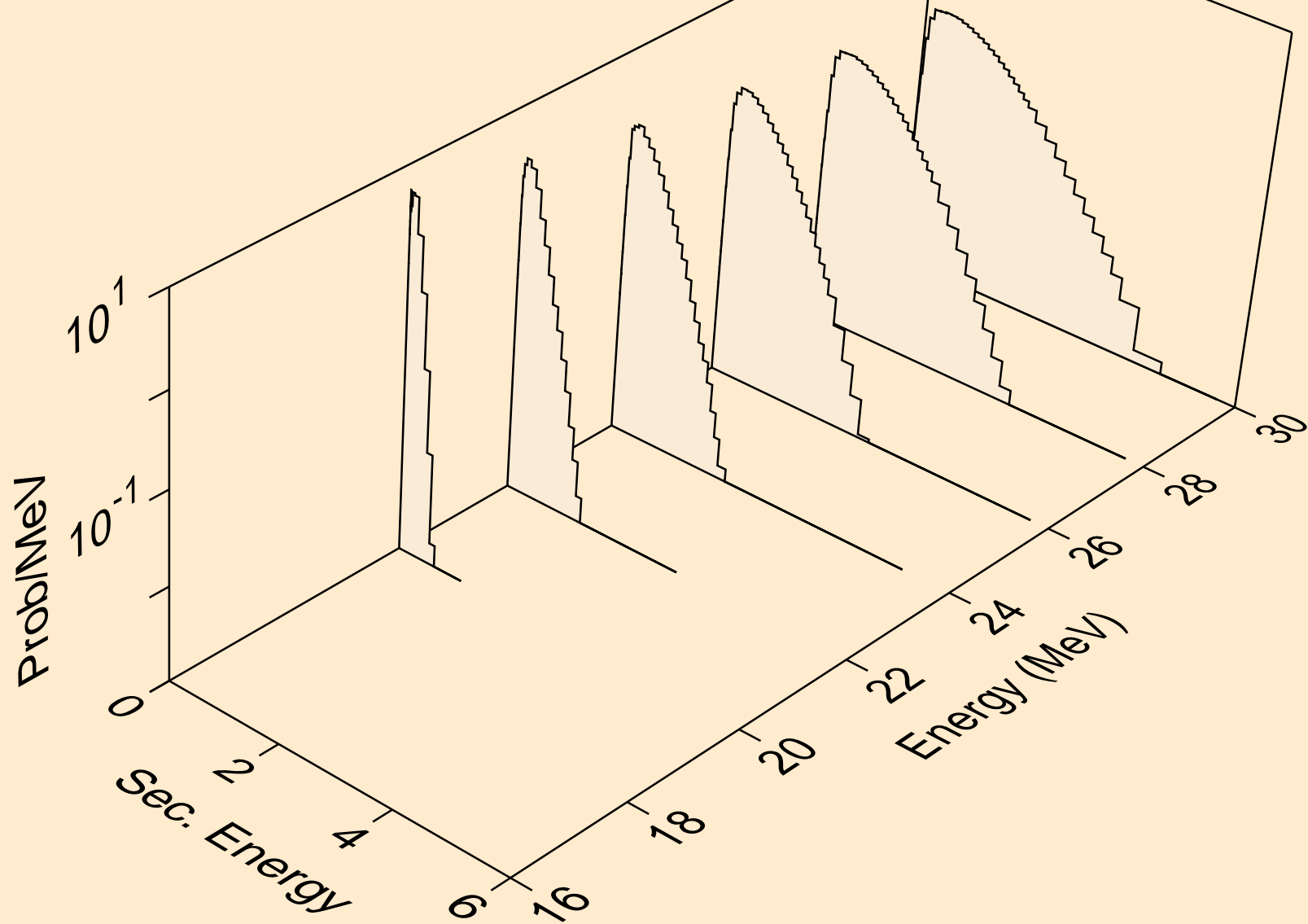




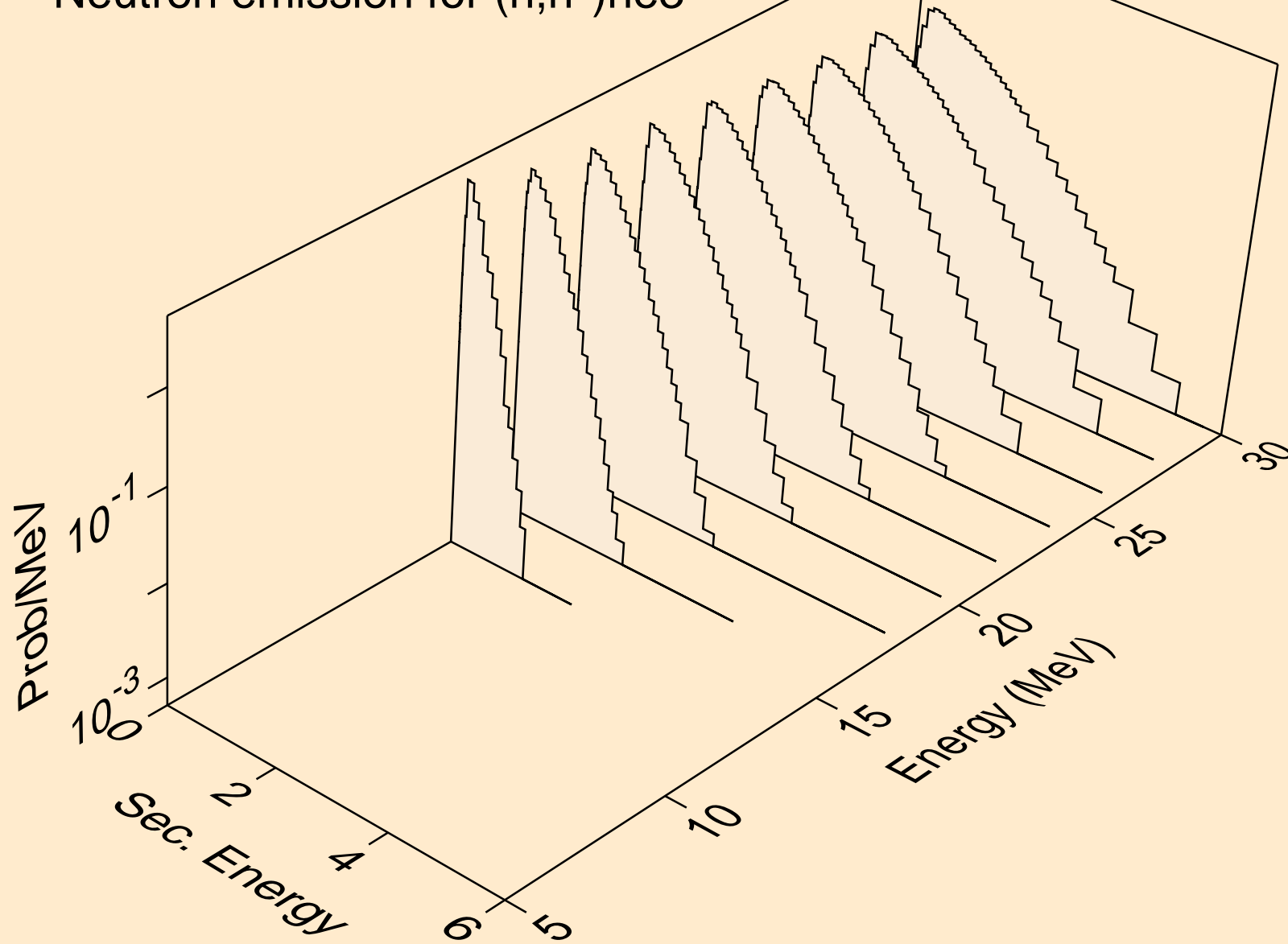
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



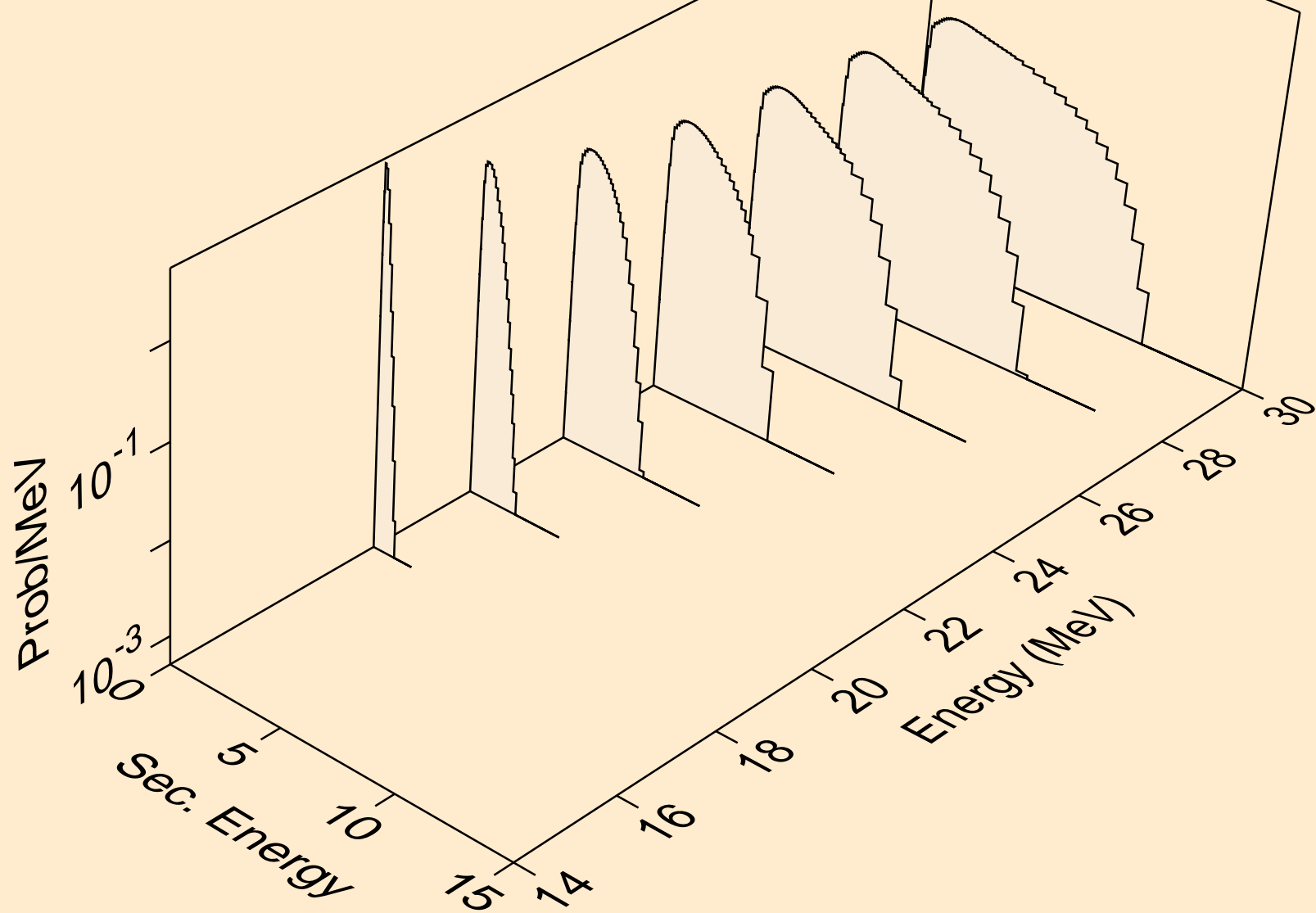
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



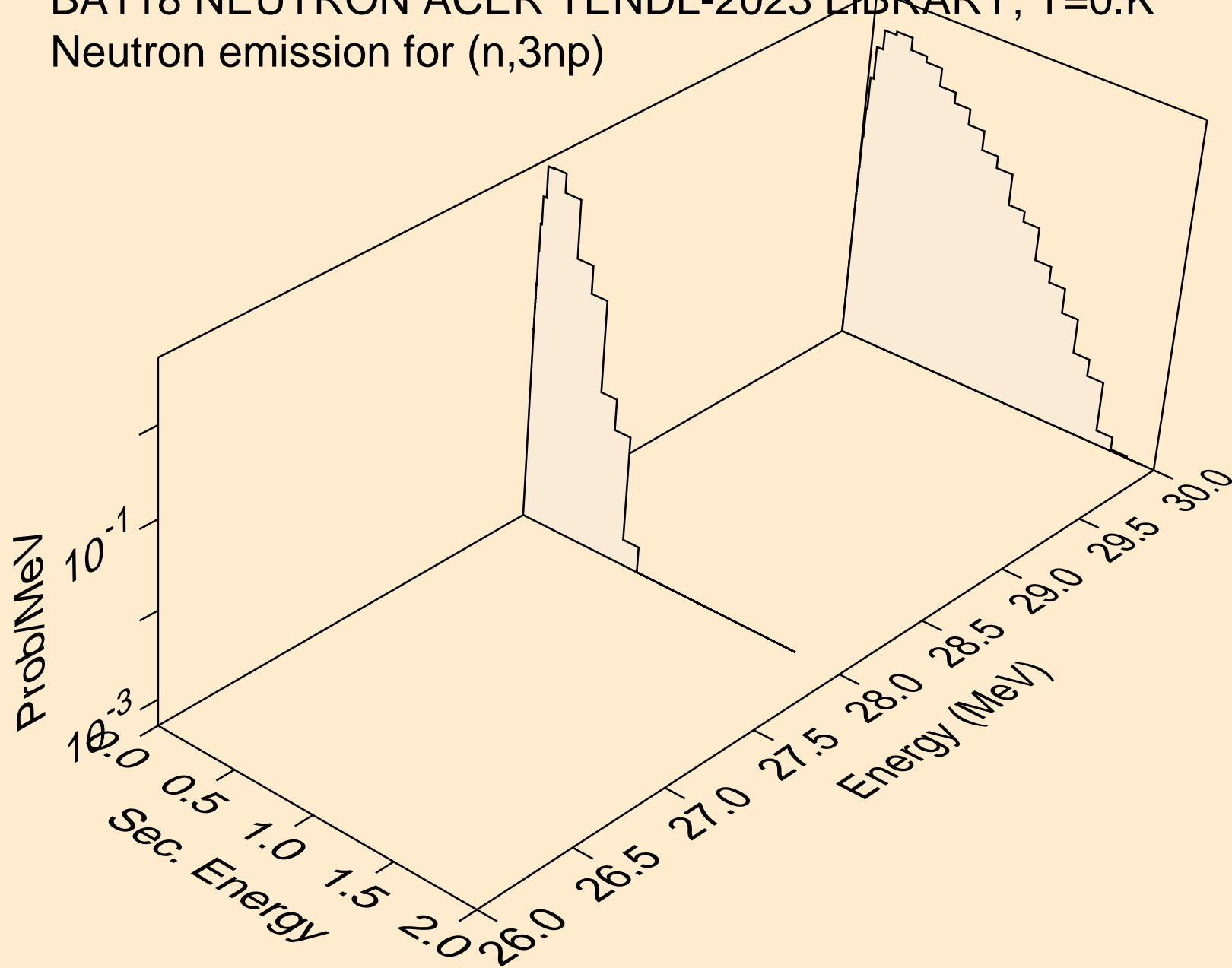
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



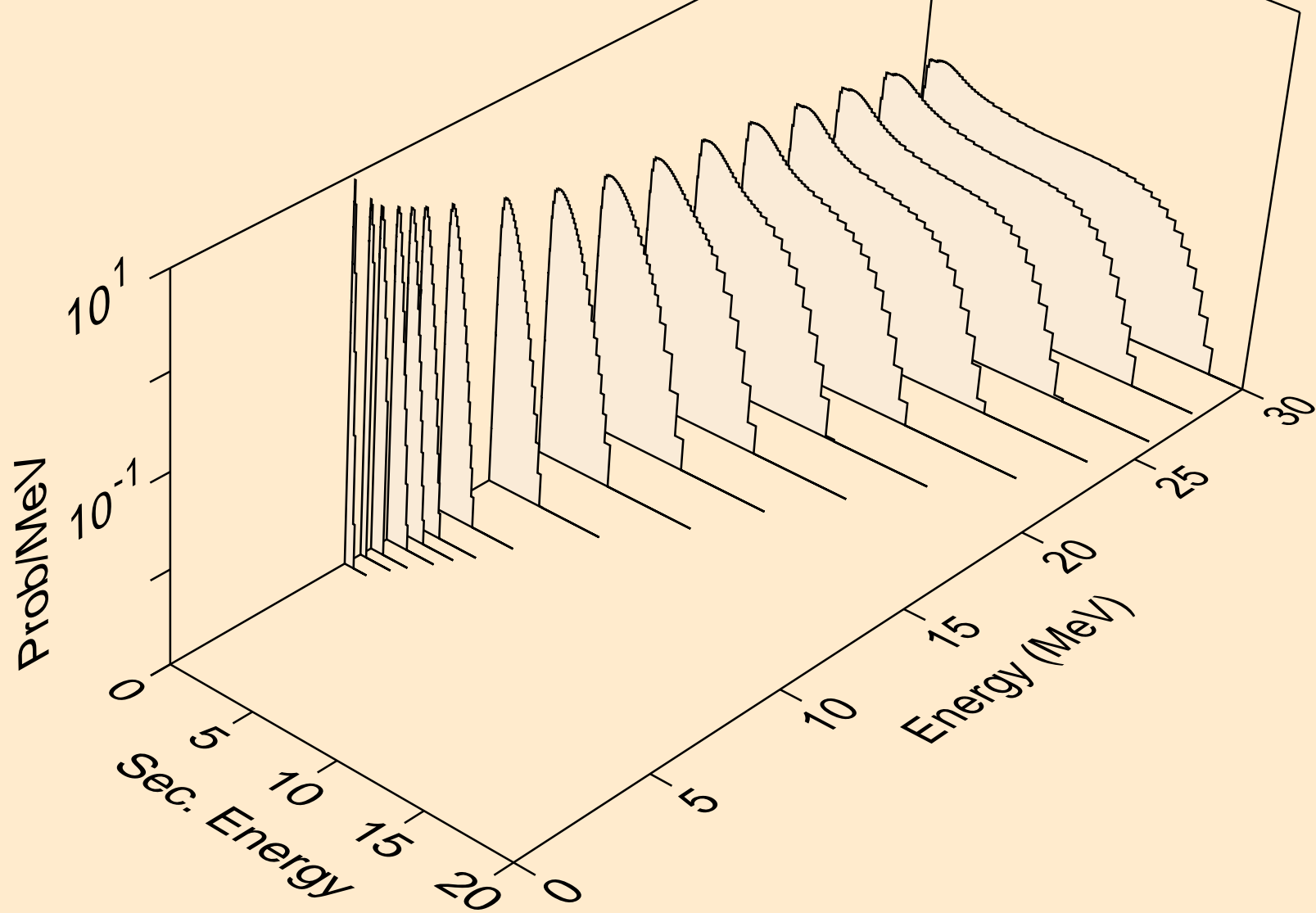
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



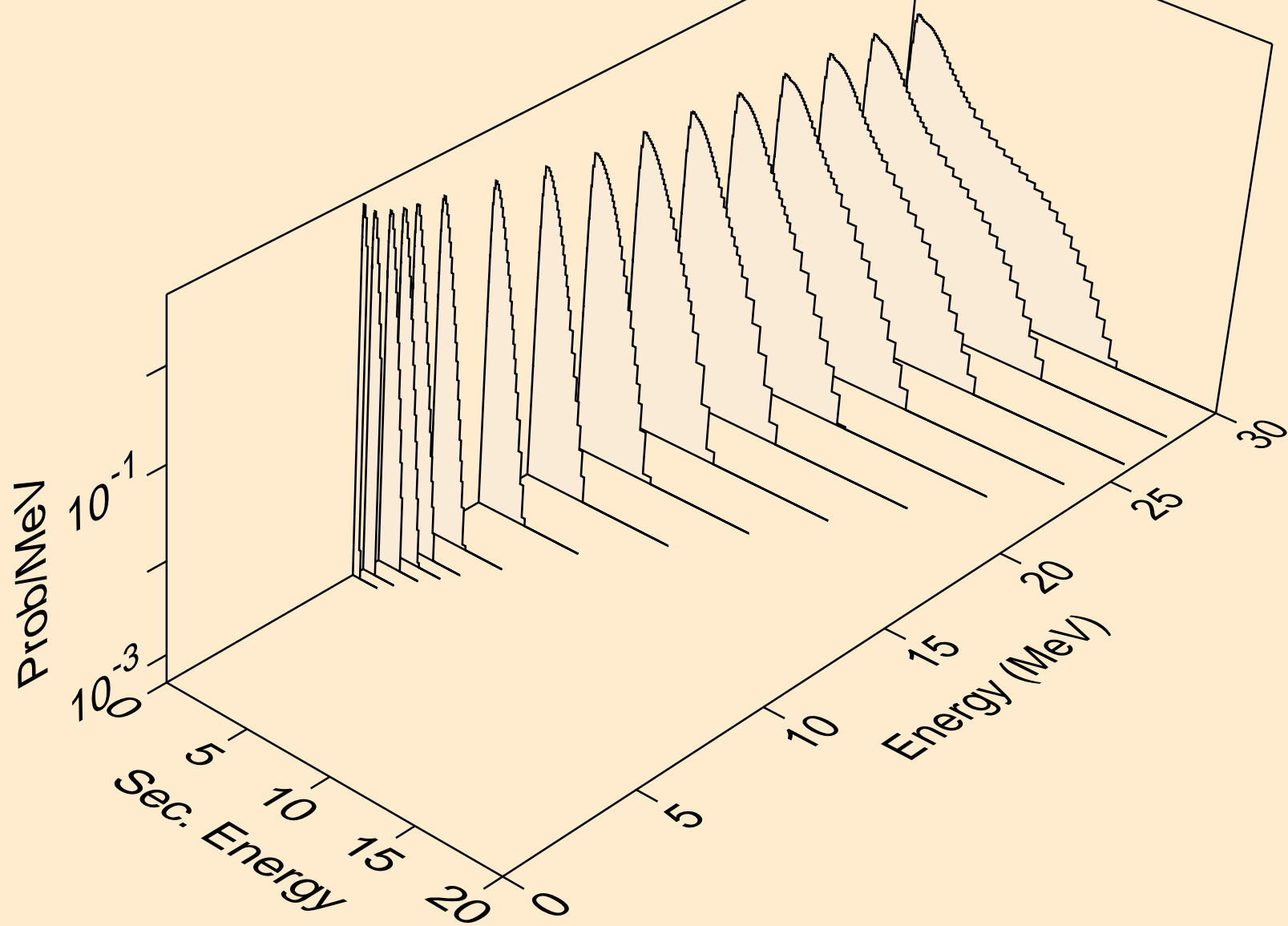
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Neutron emission for (n,3np)



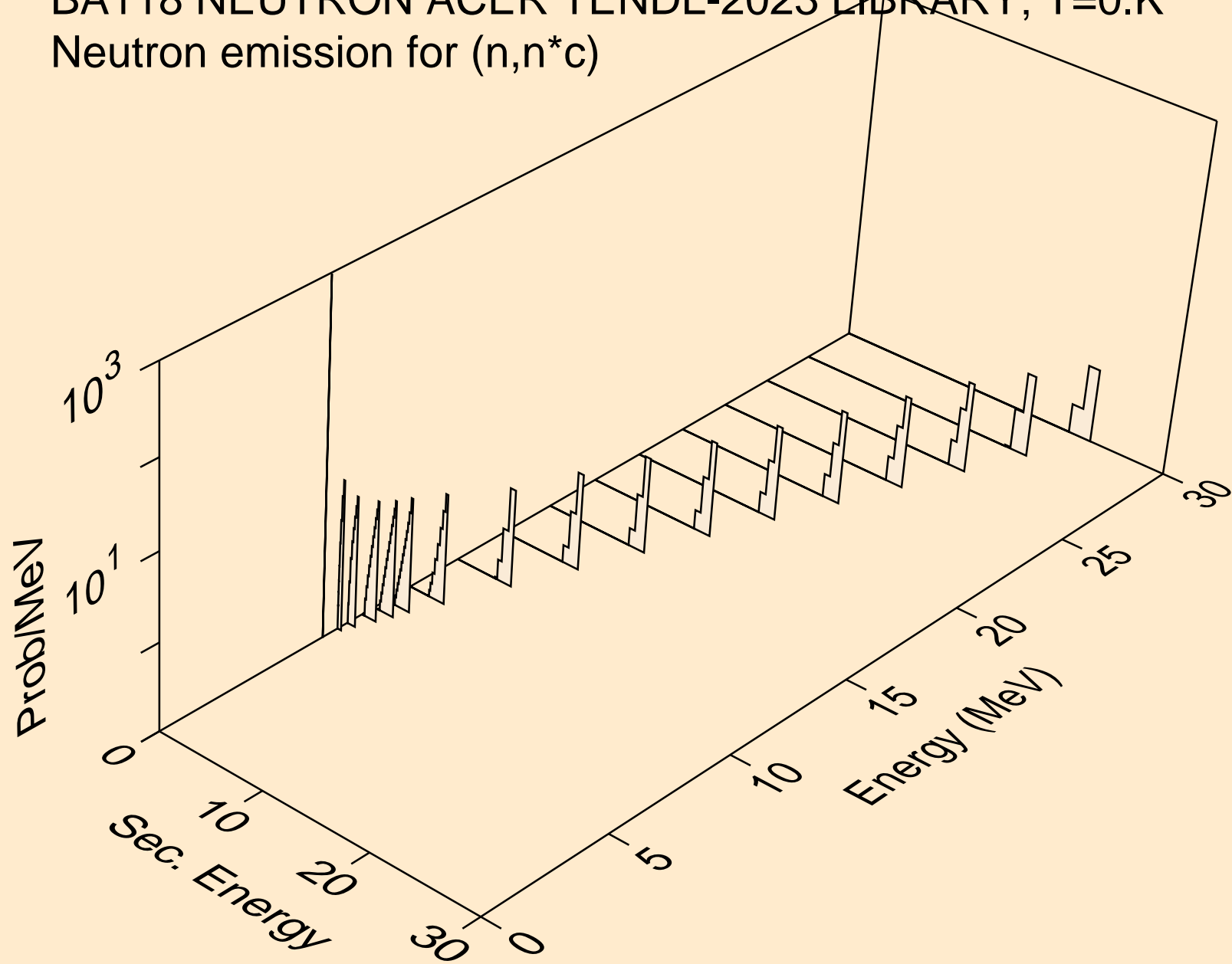
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

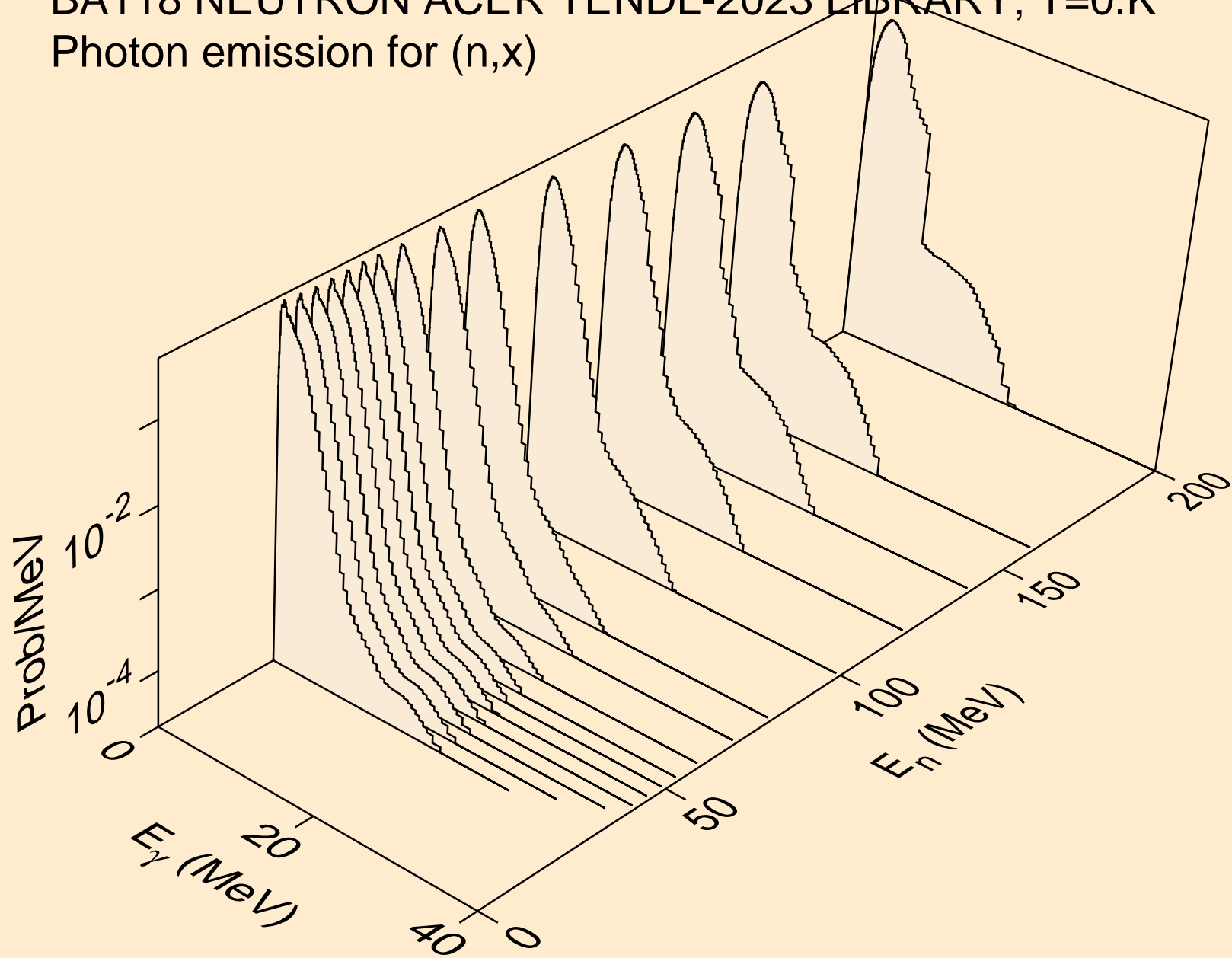


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

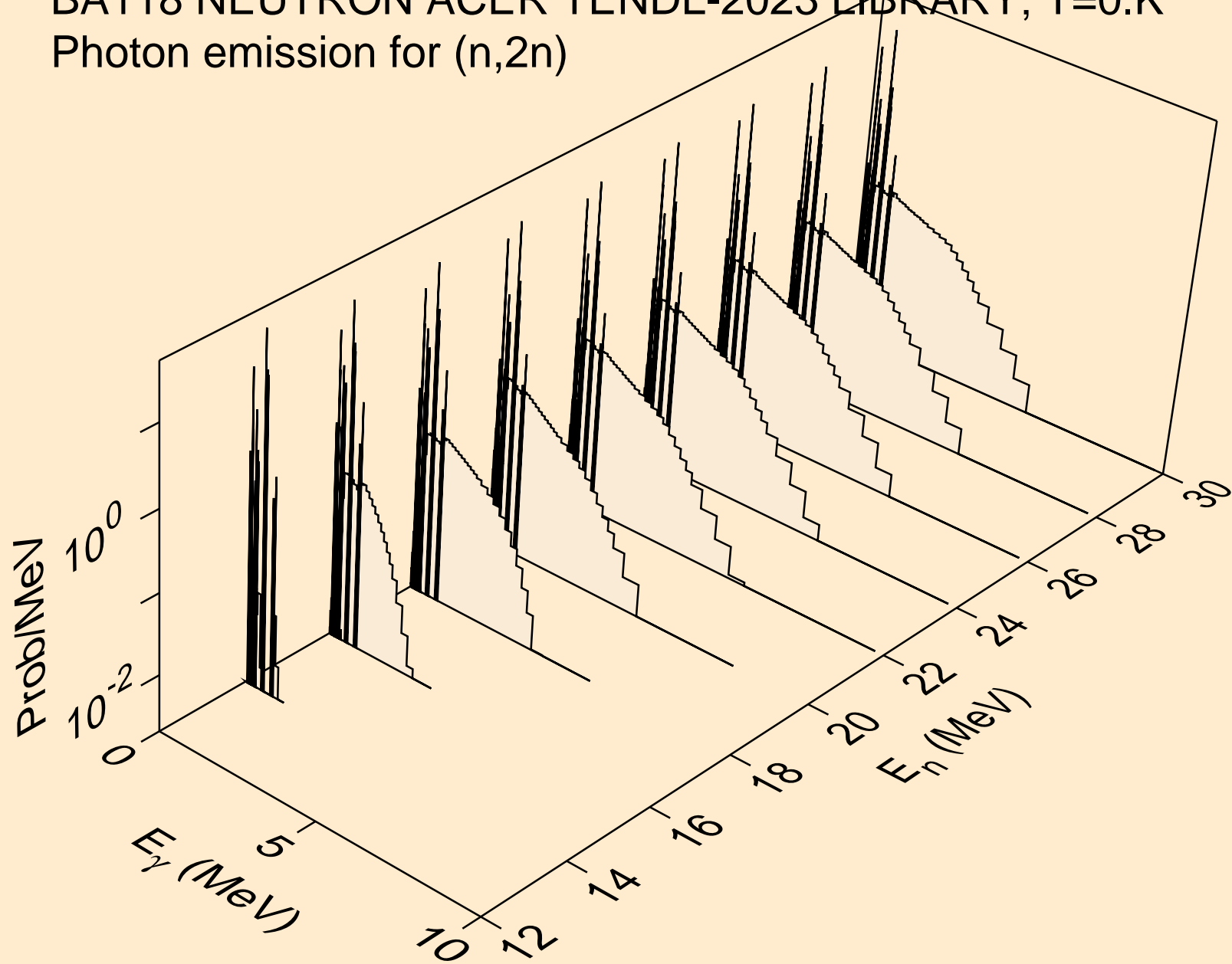




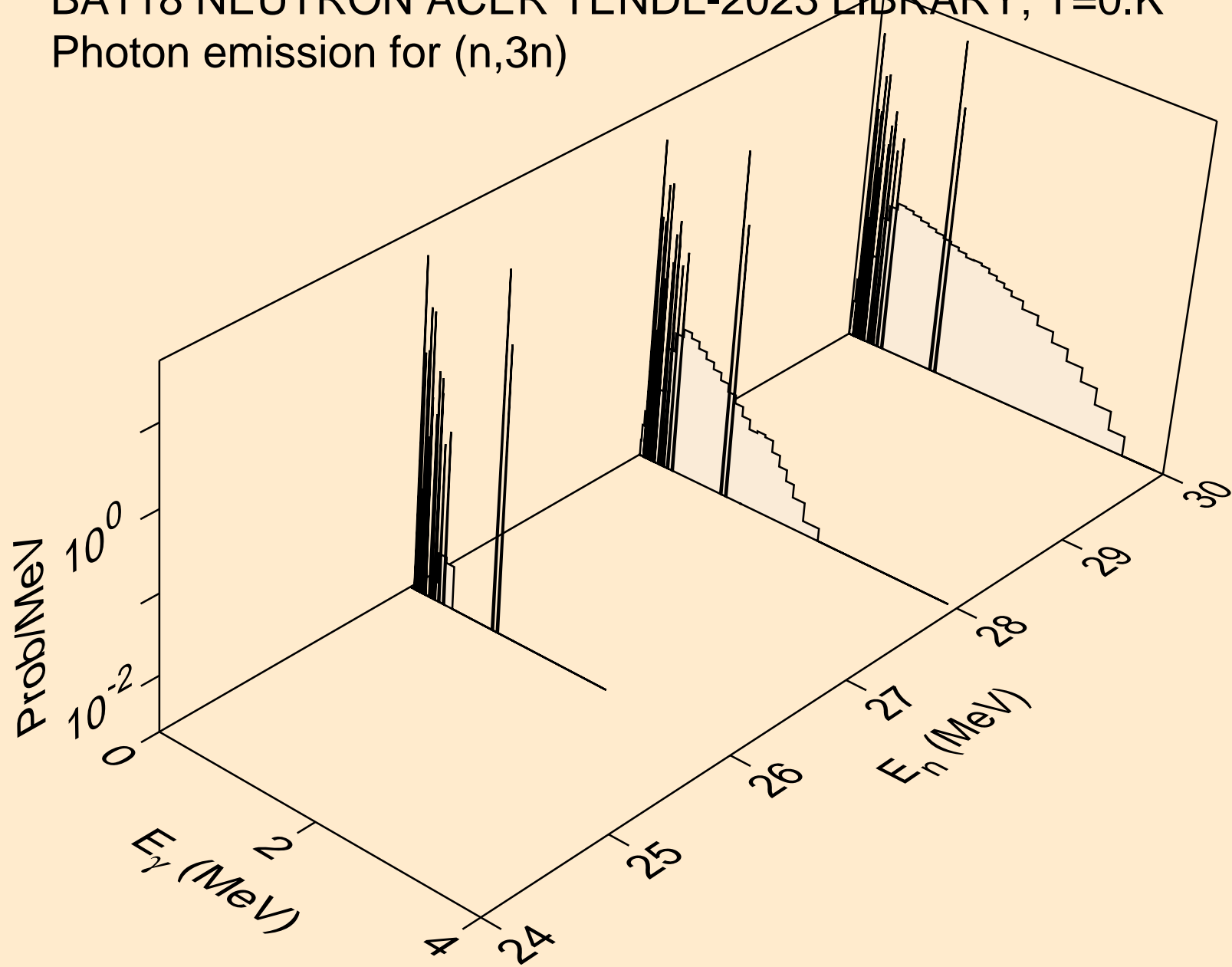
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



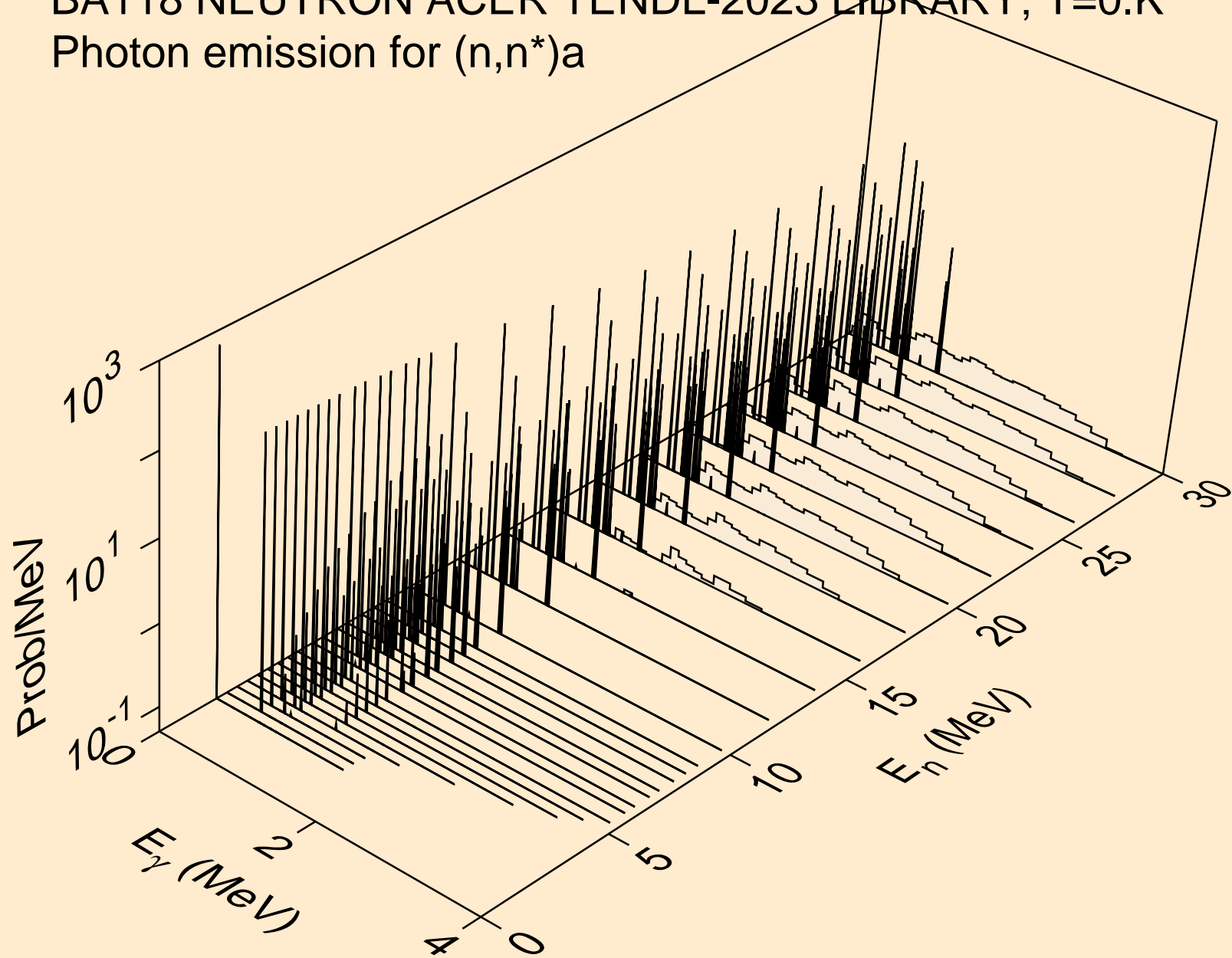
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Photon emission for (n,2n)



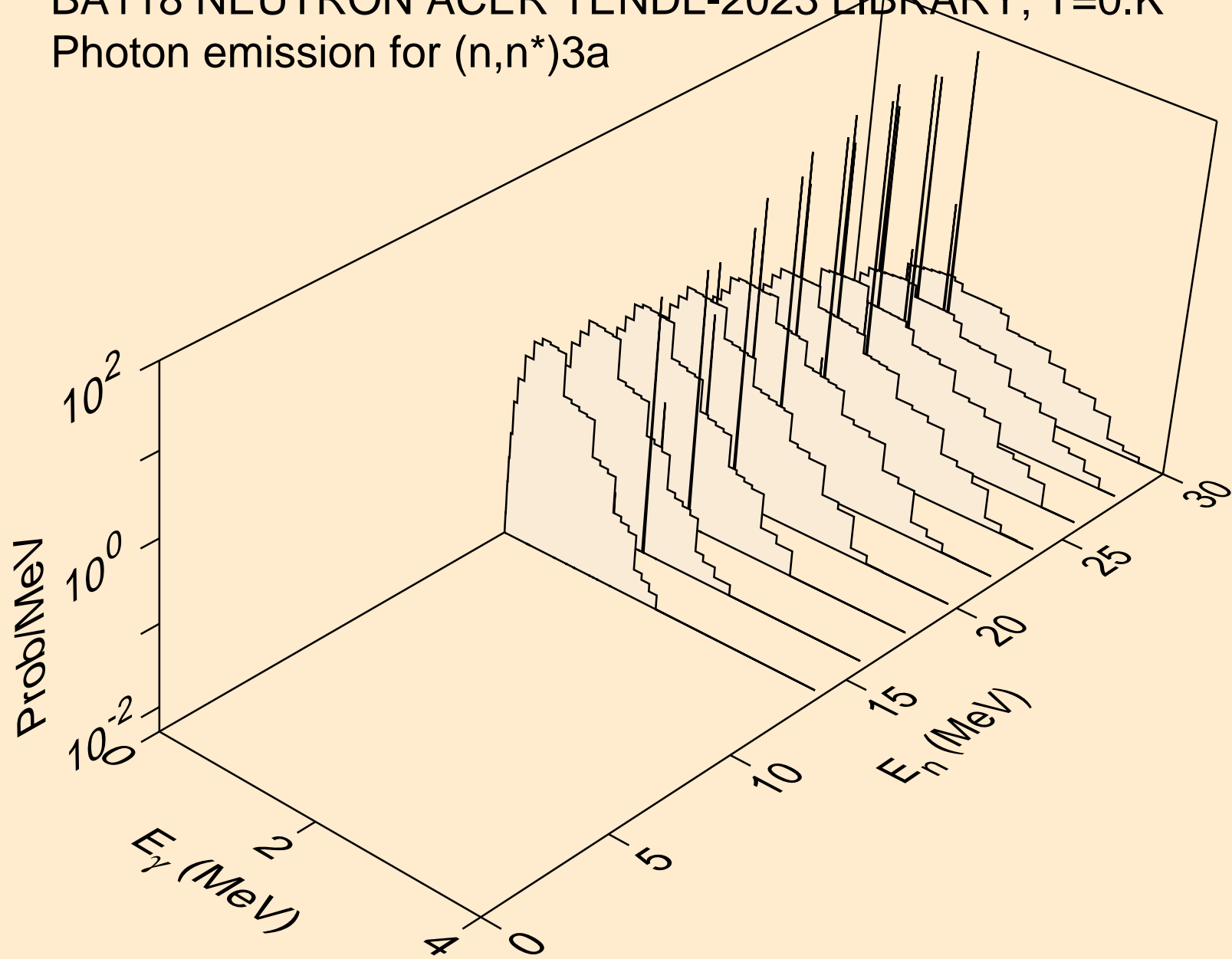
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



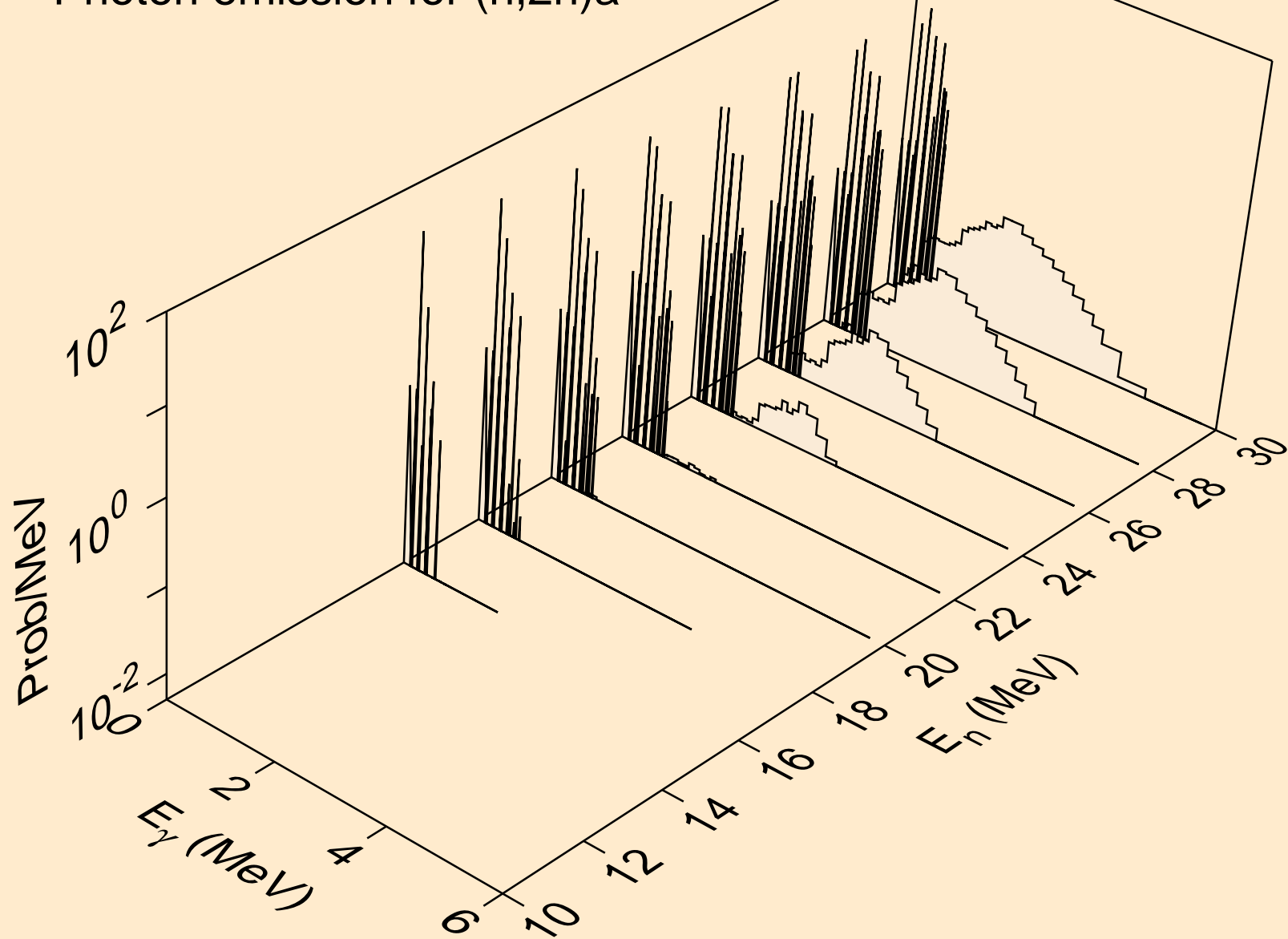
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



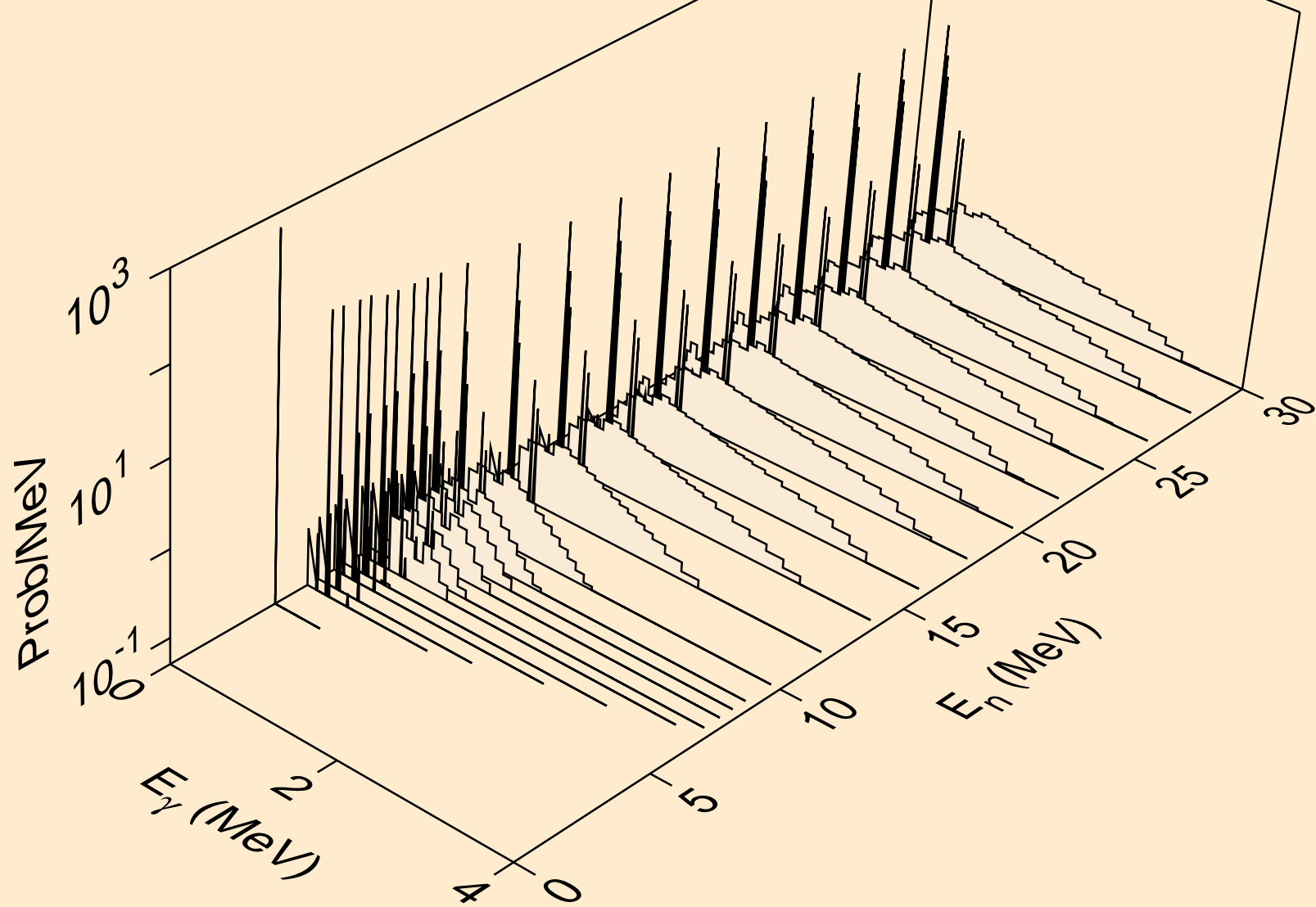
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



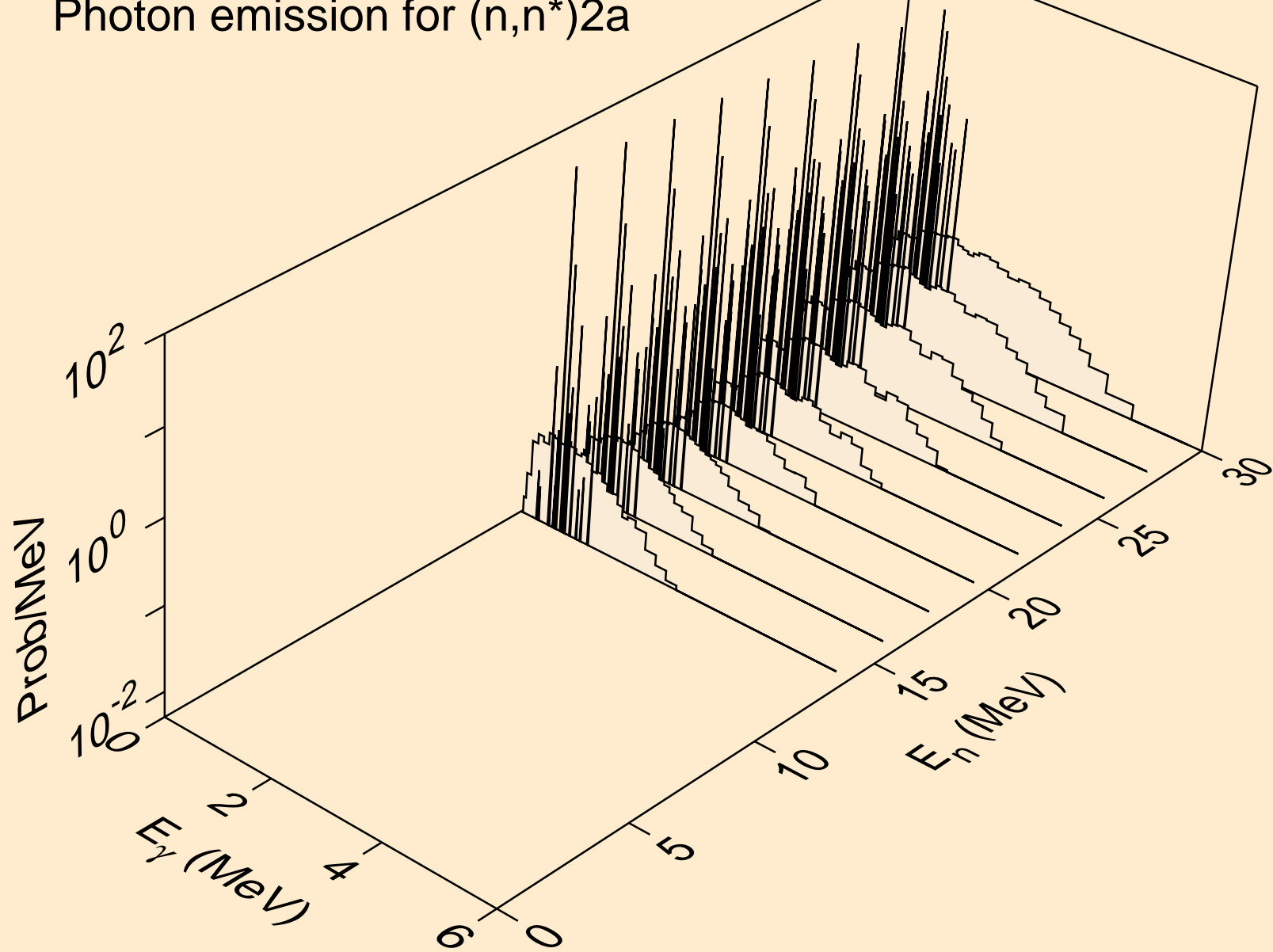
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

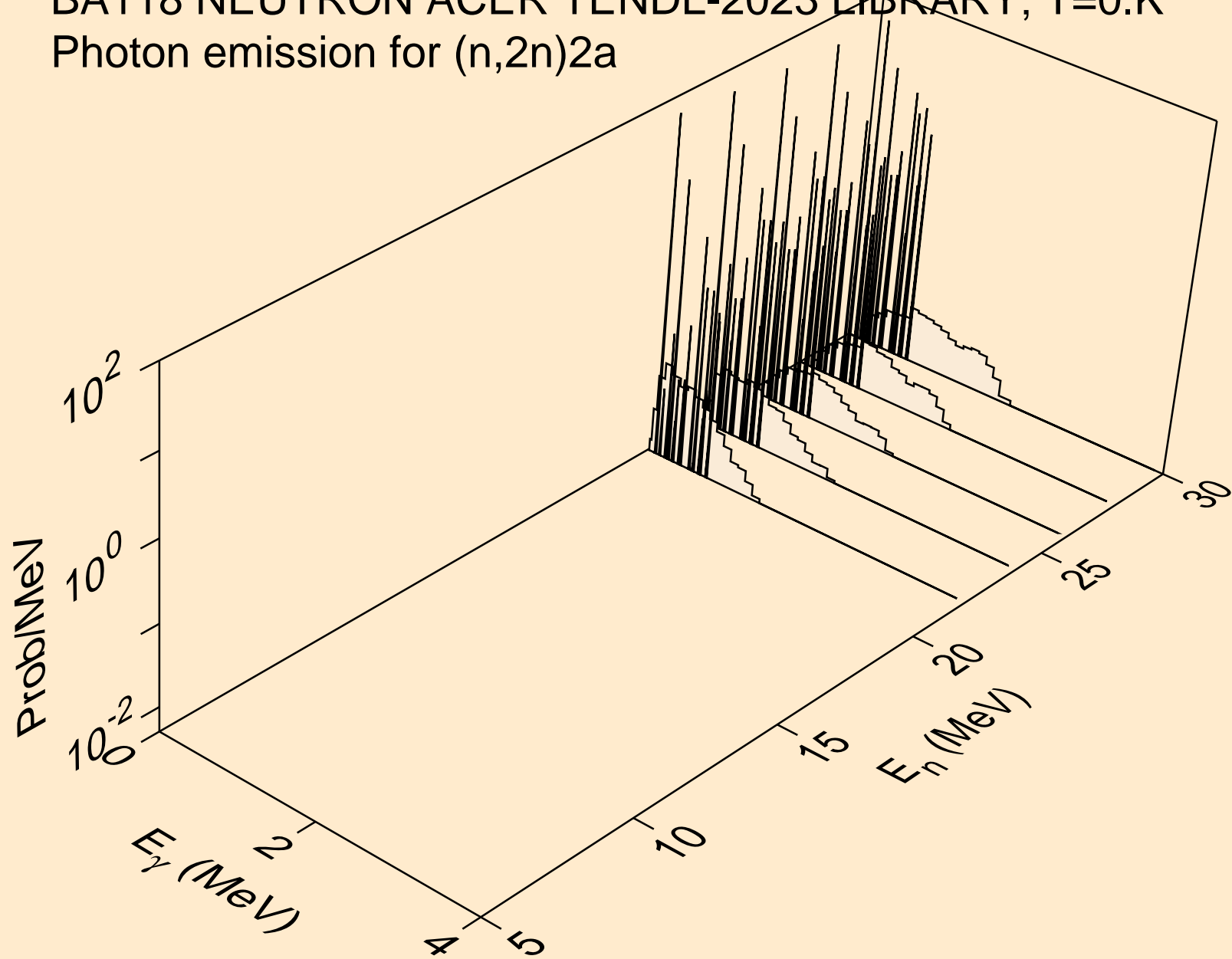


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

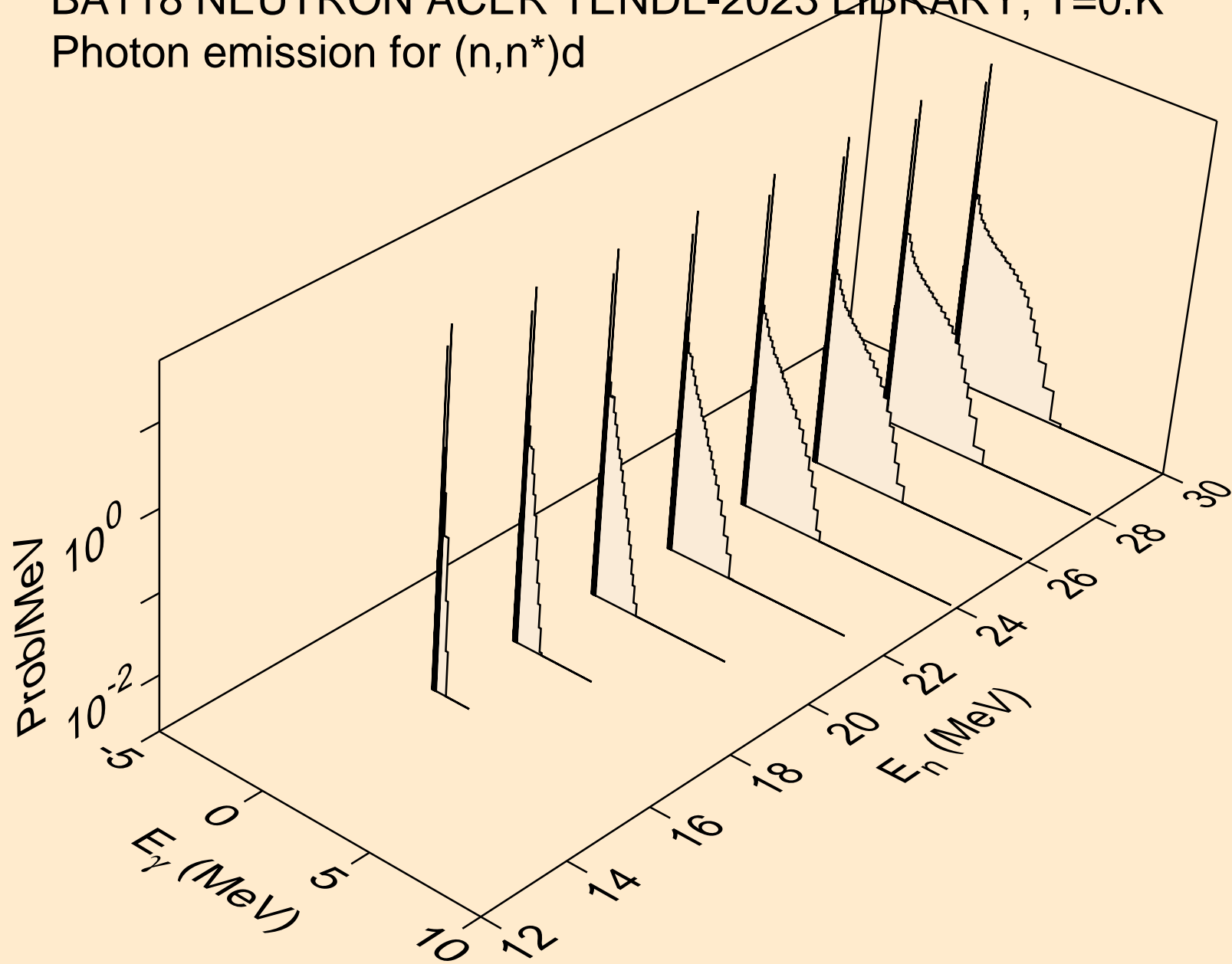




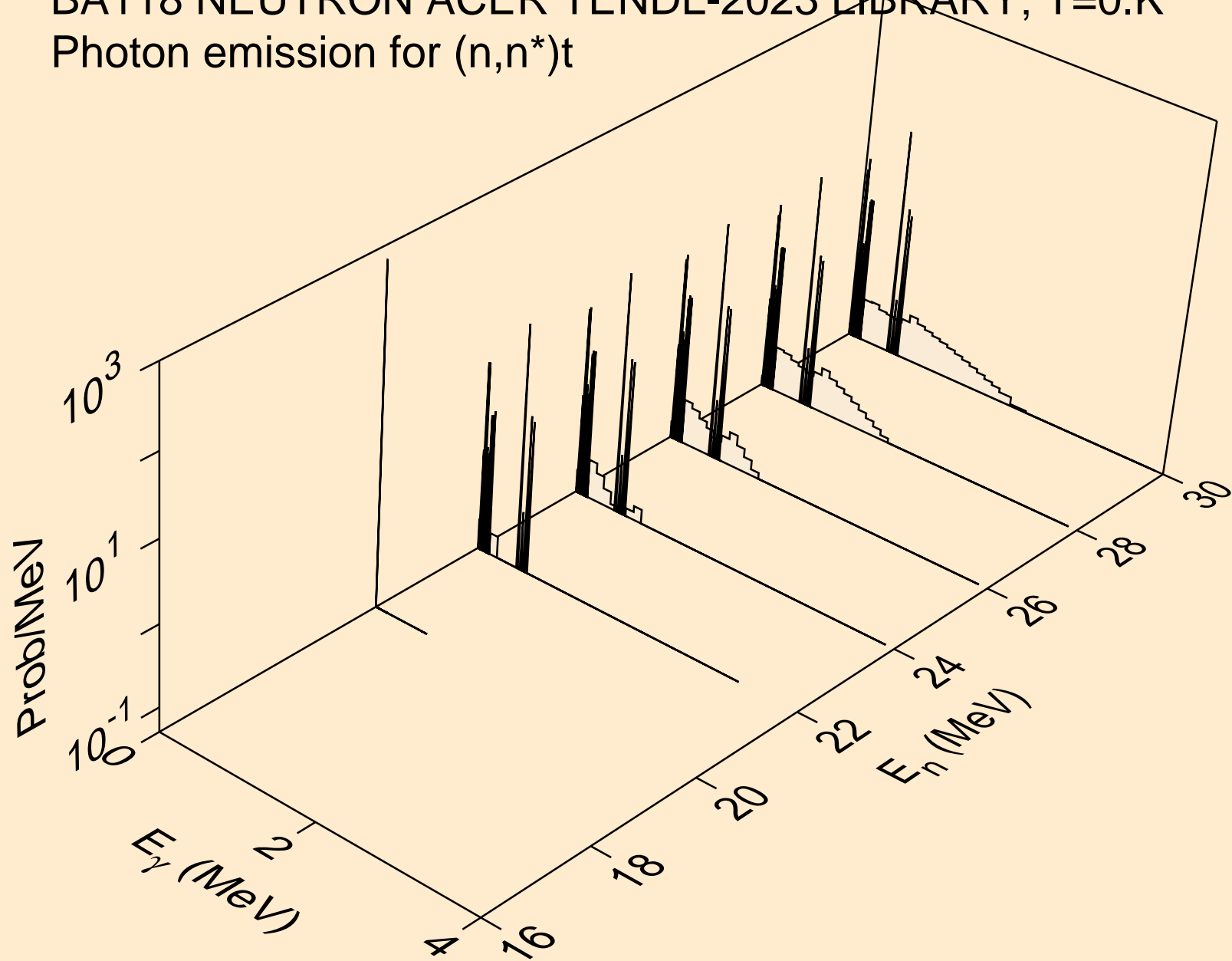
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



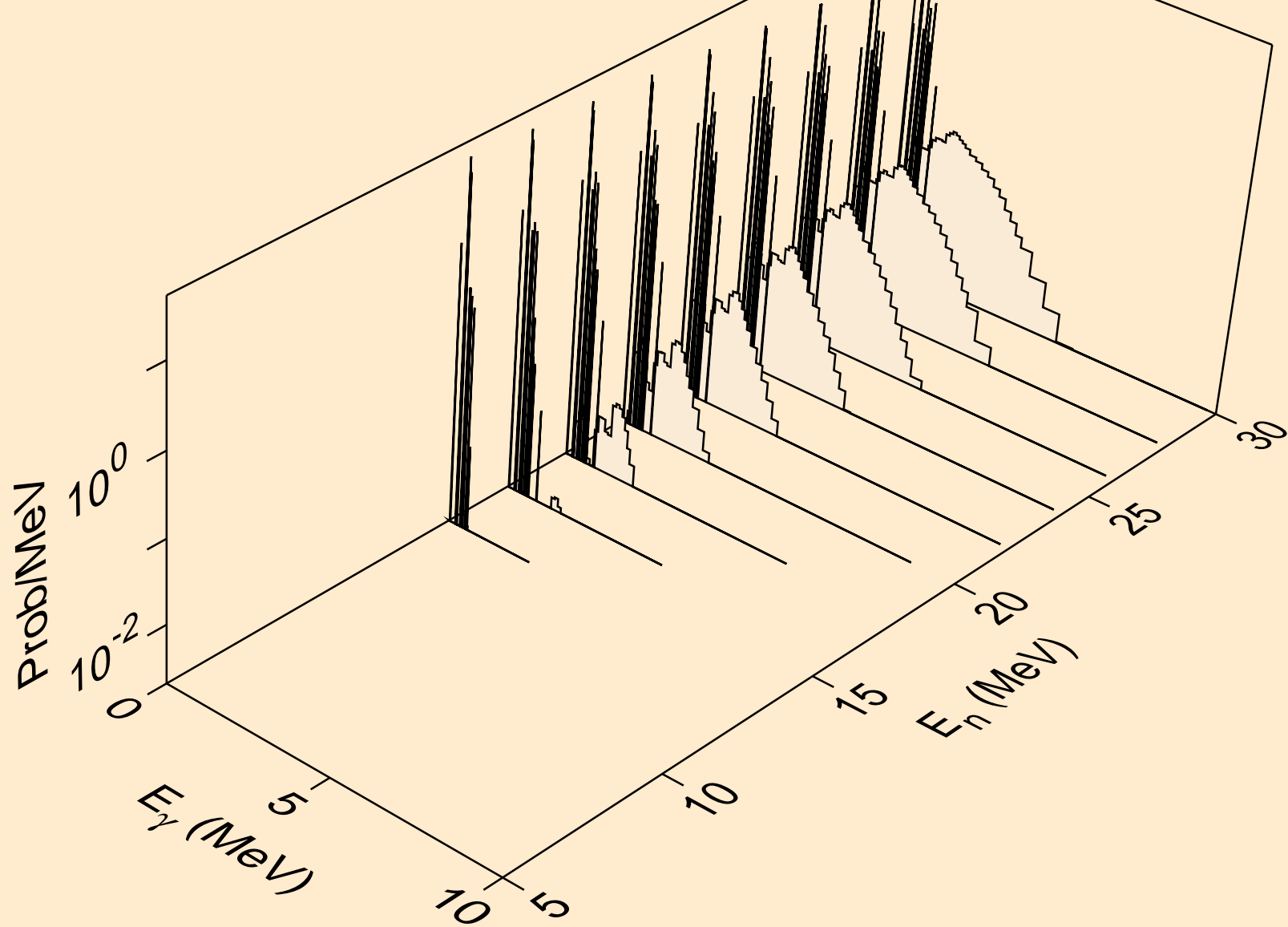
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



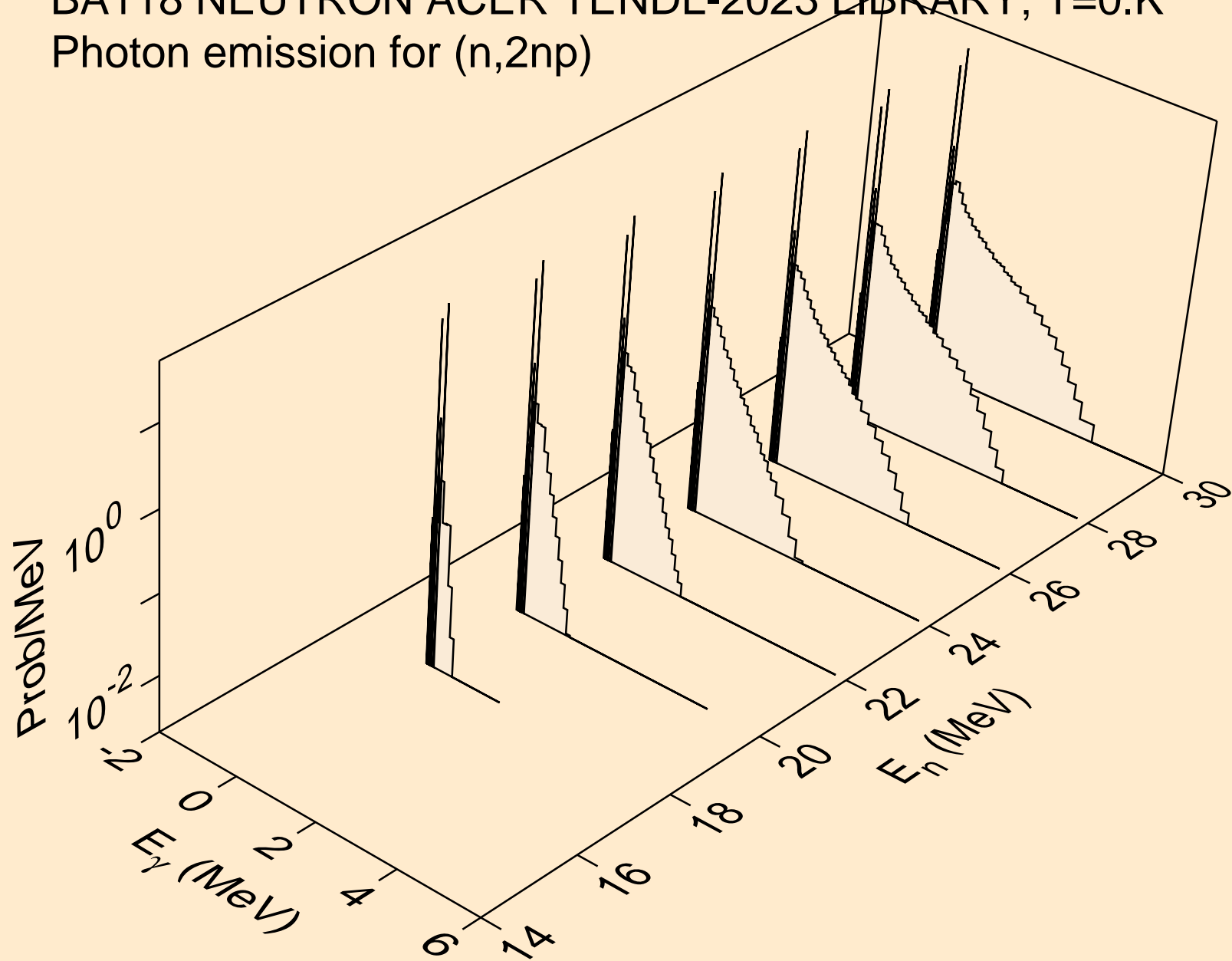
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



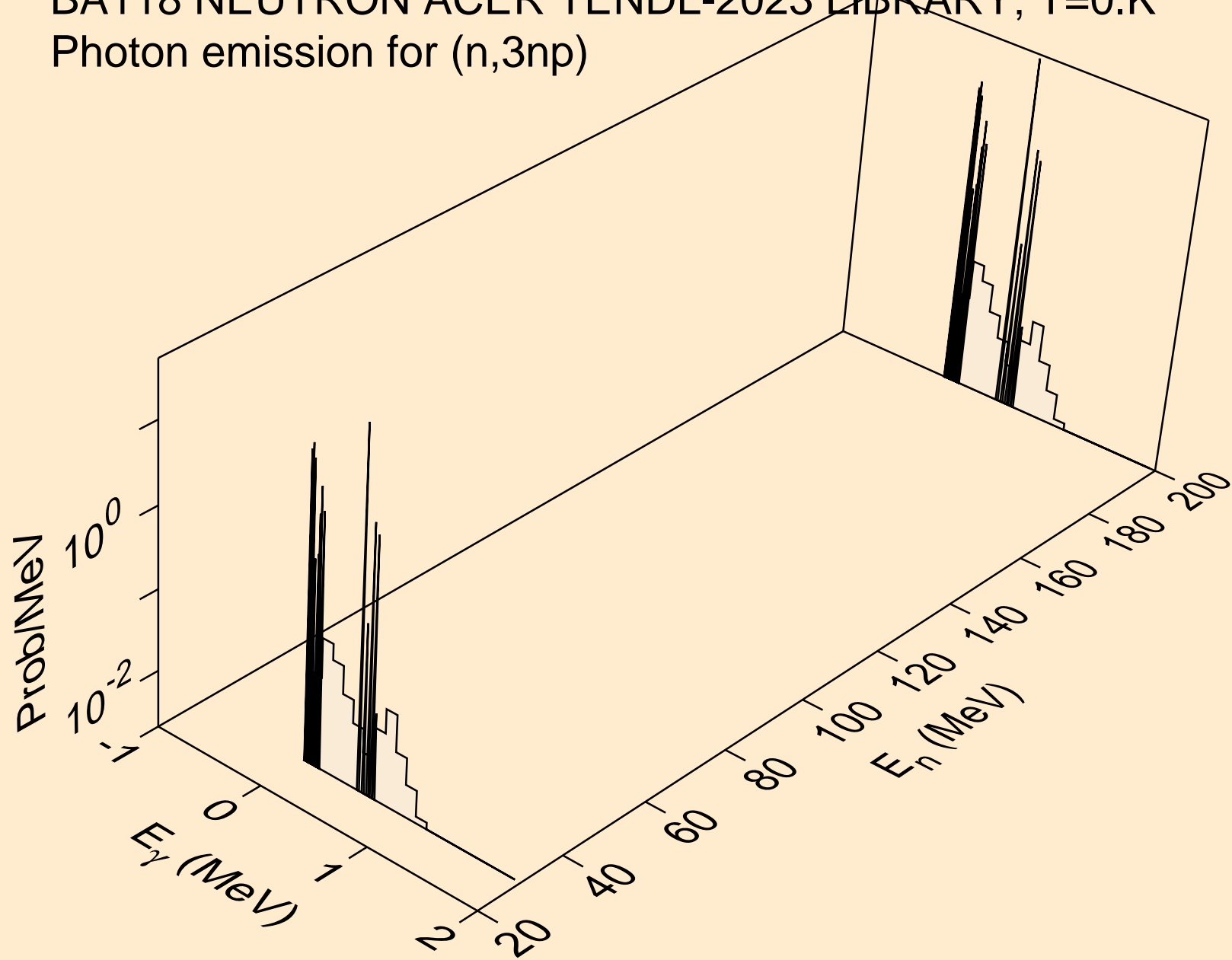
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



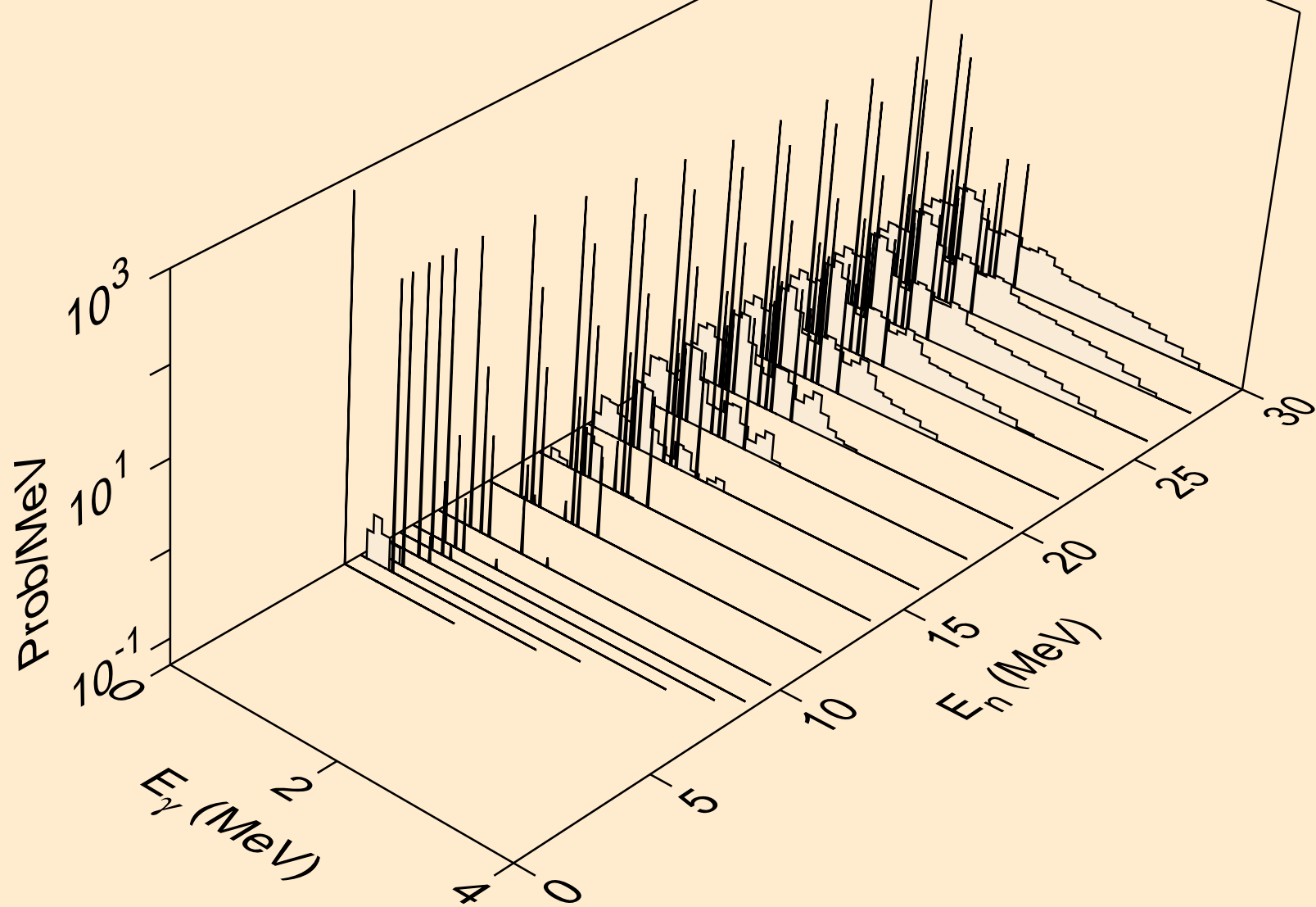
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



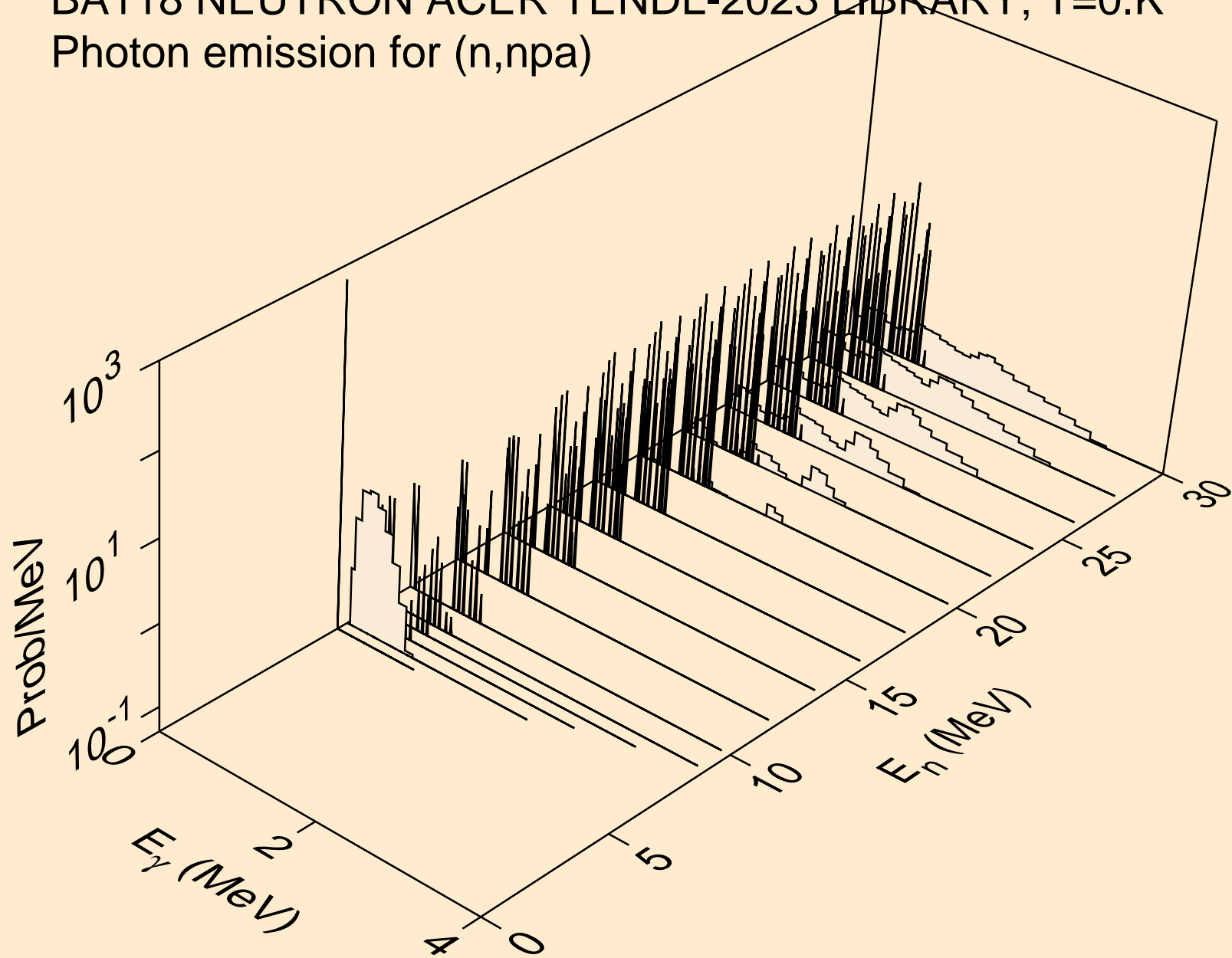
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

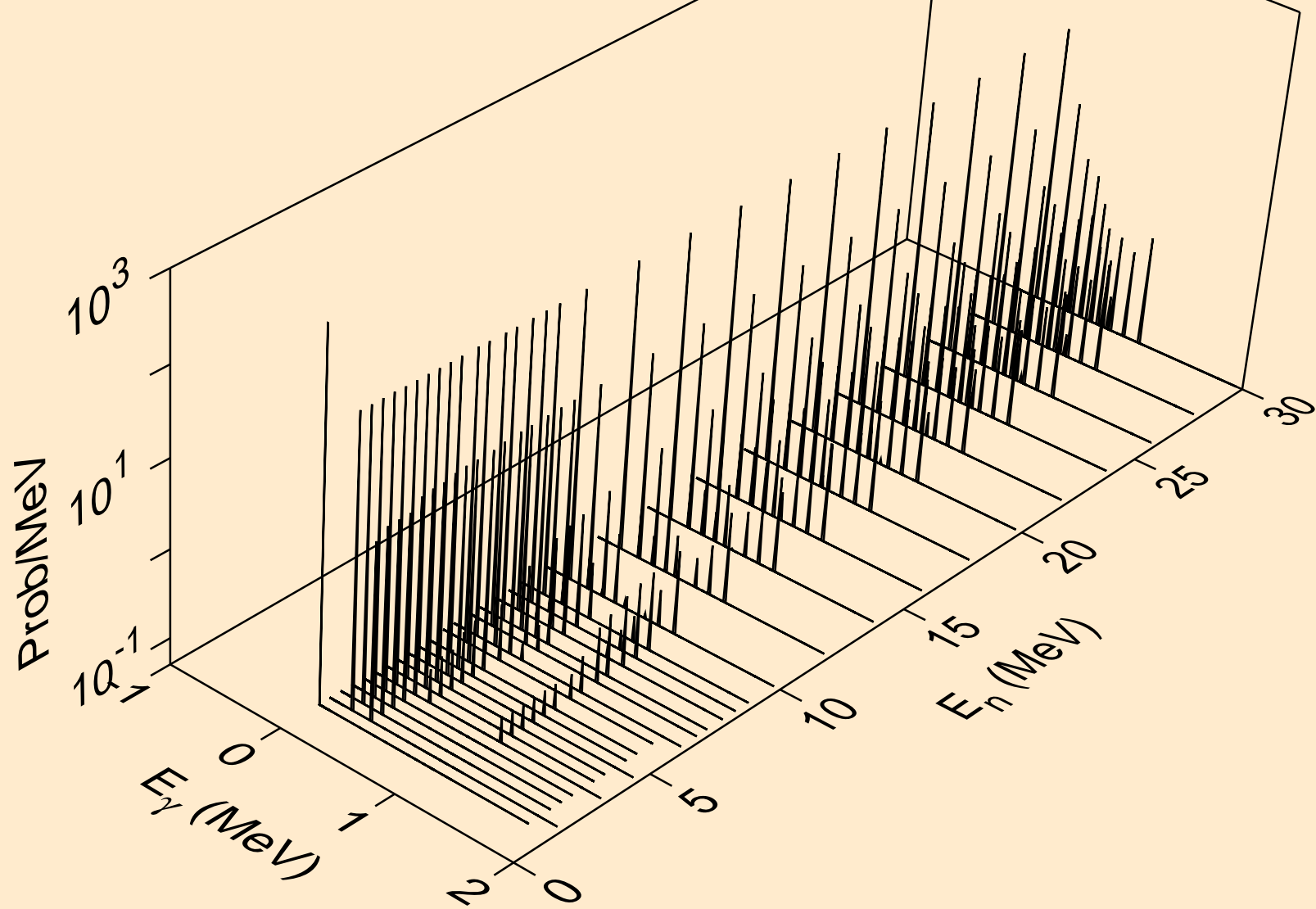


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

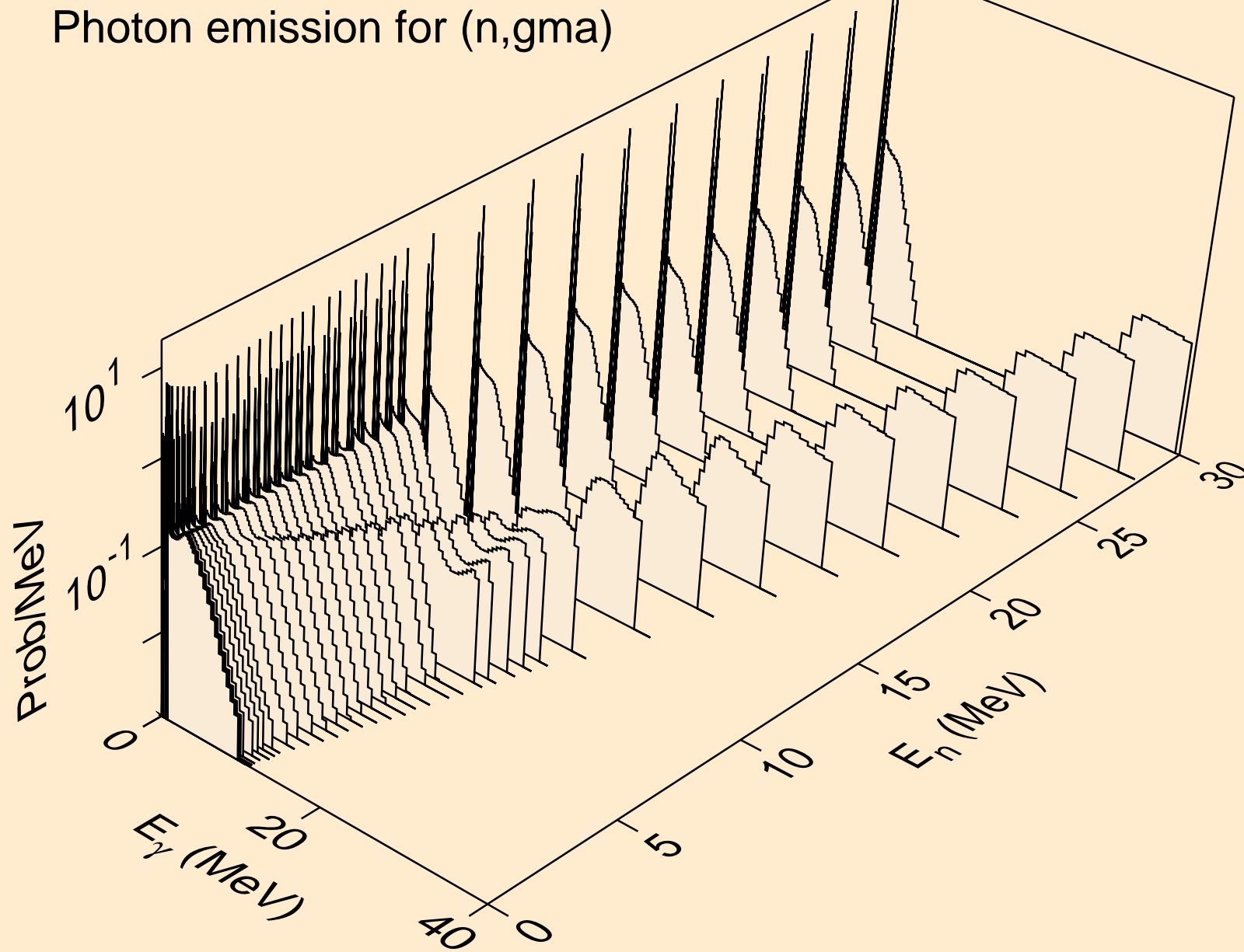




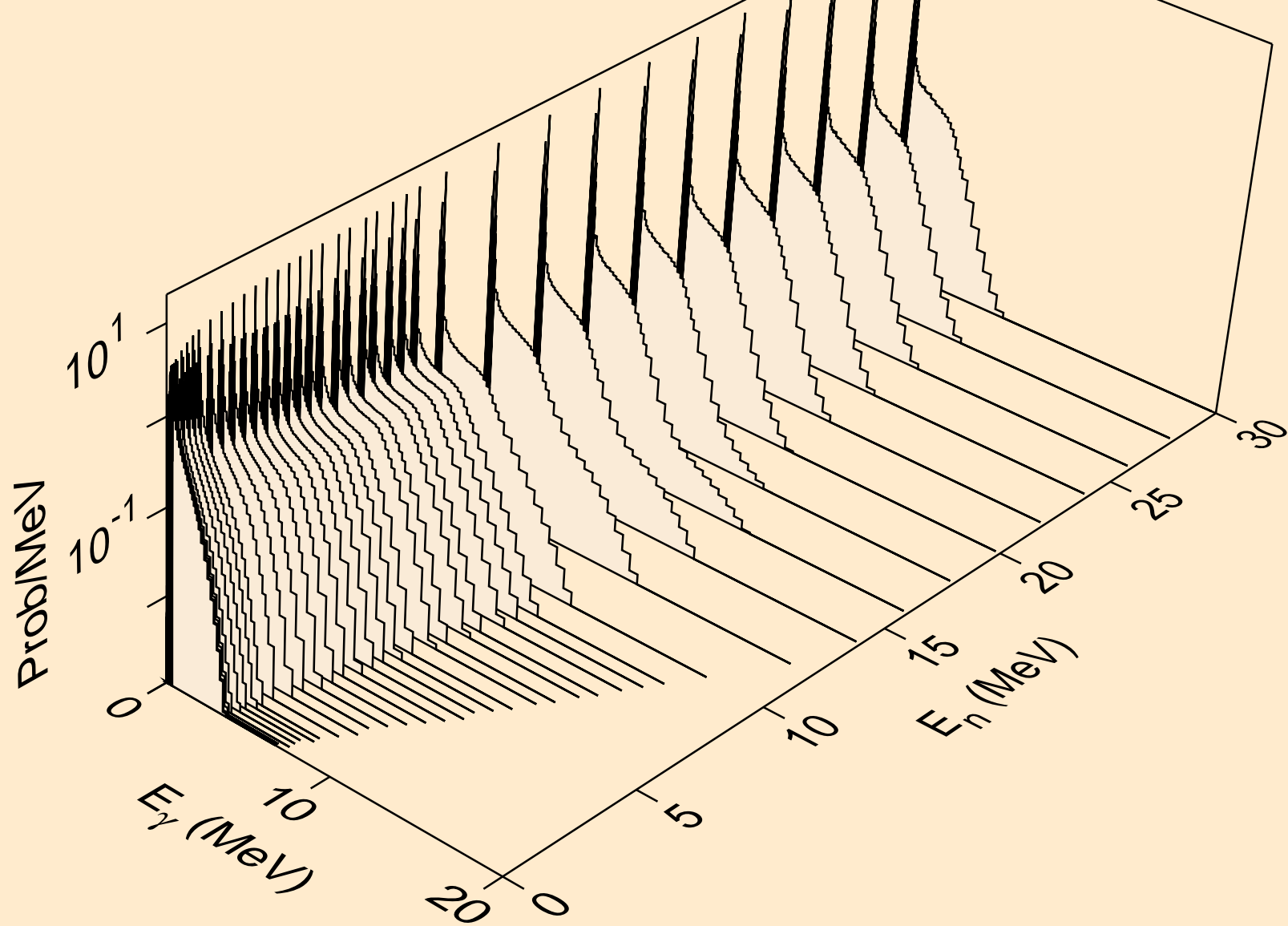
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



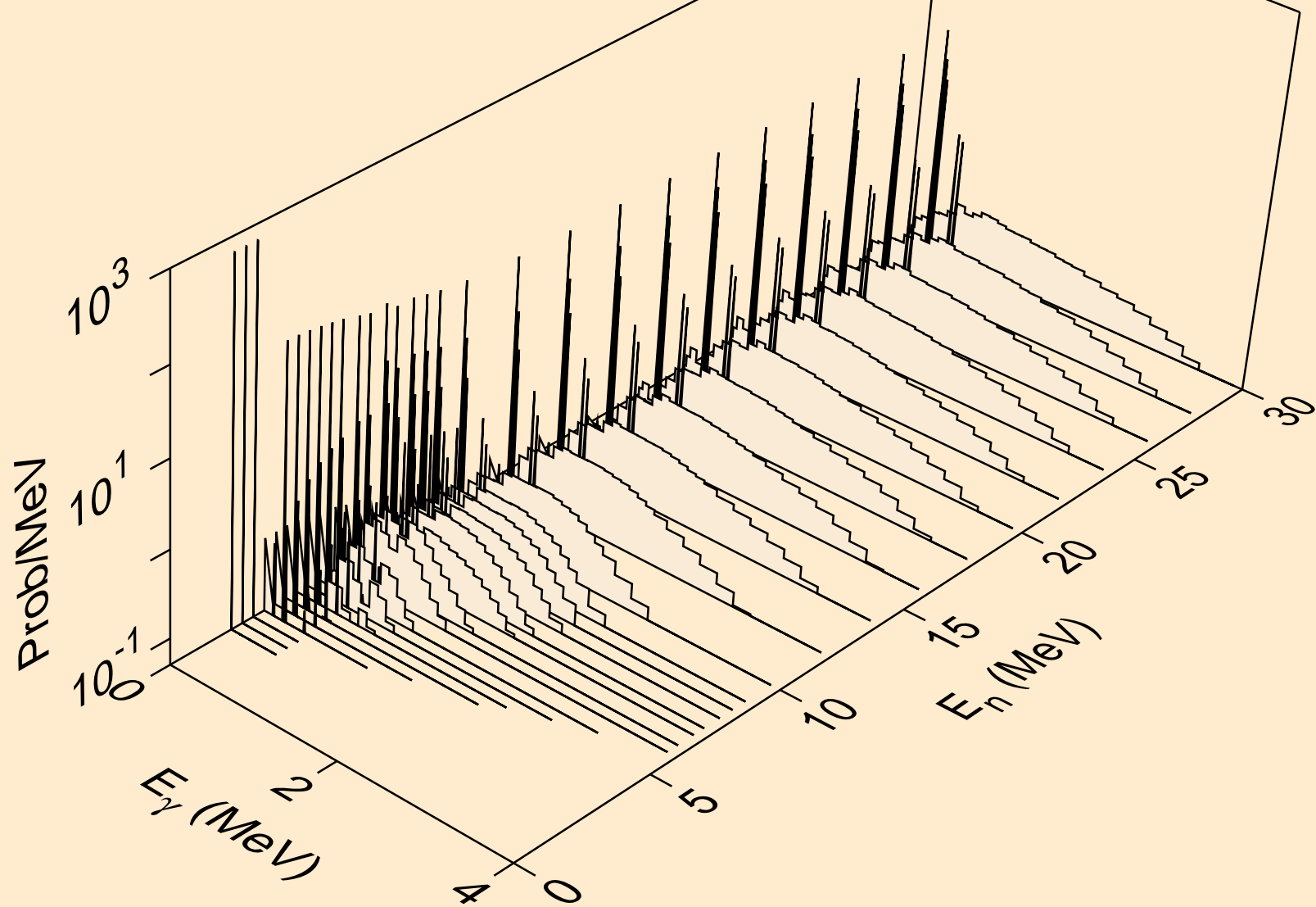
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



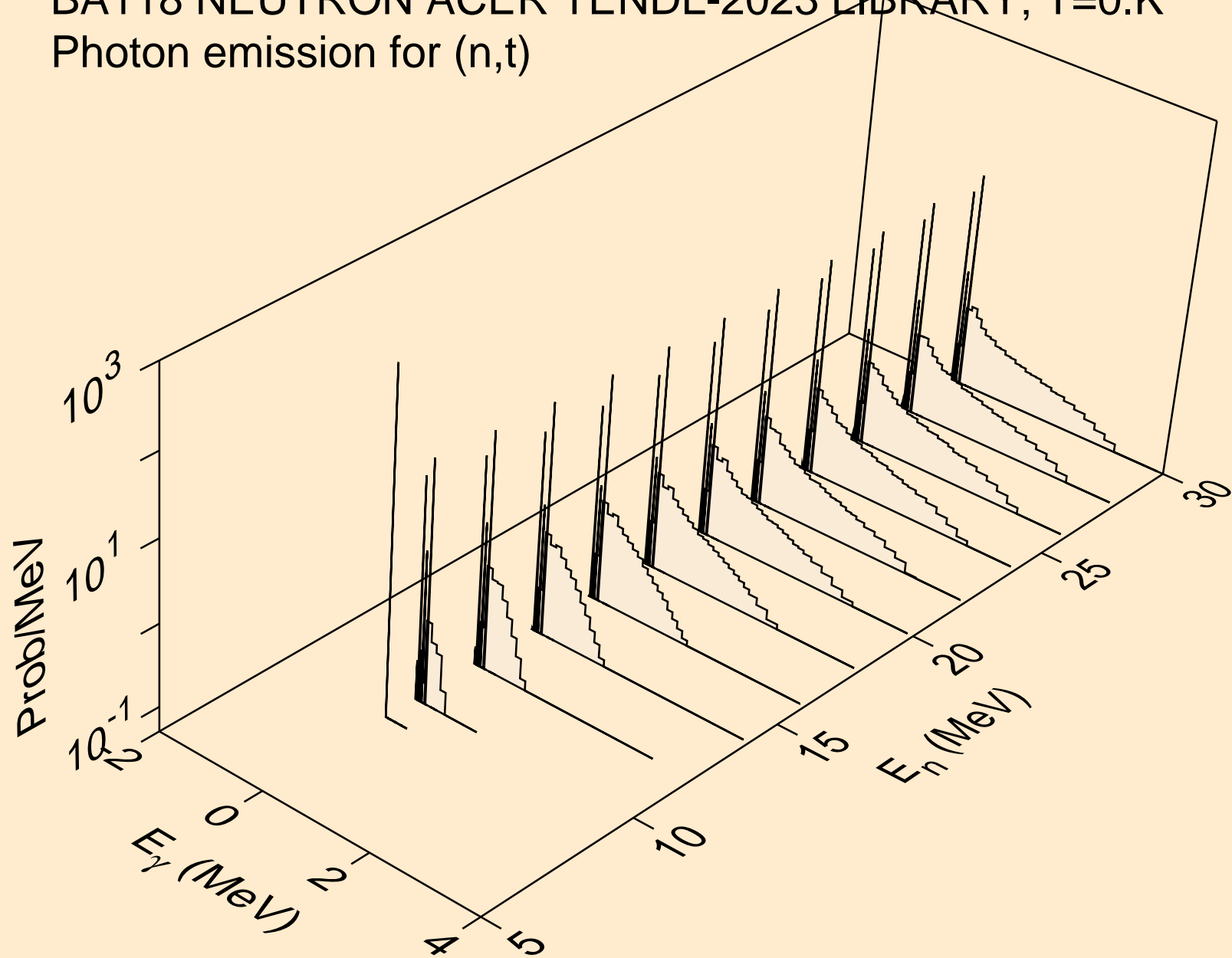
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



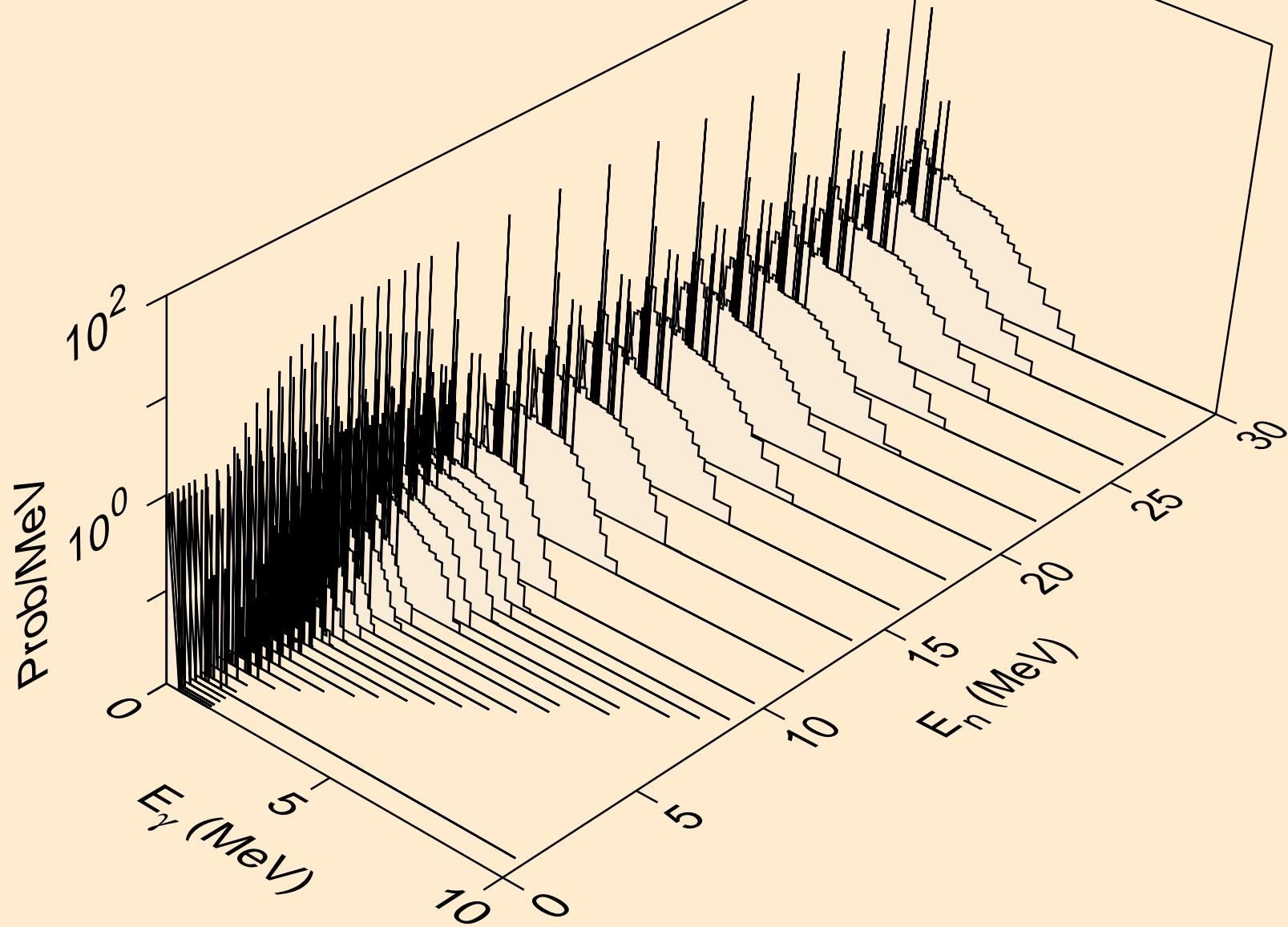
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



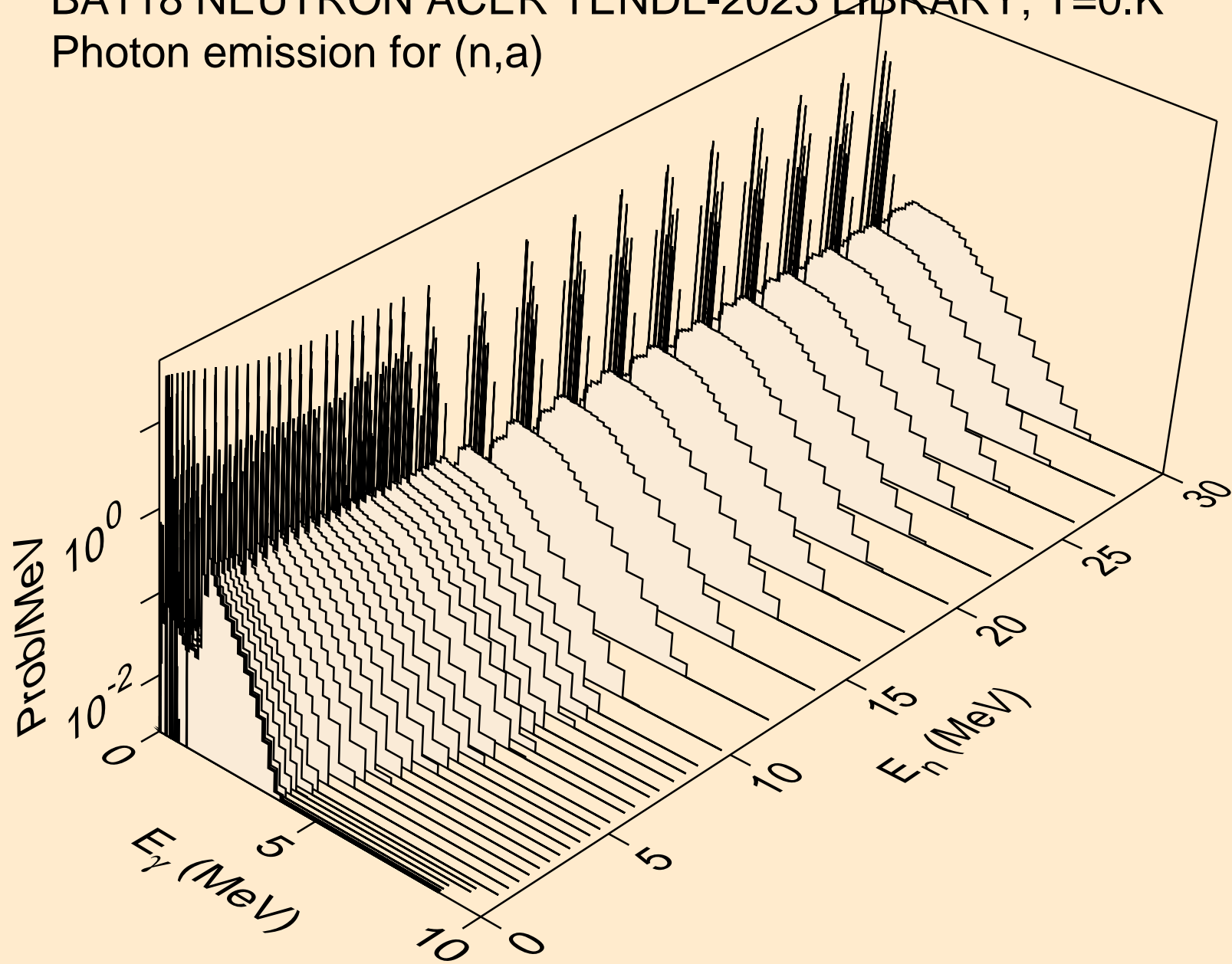
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



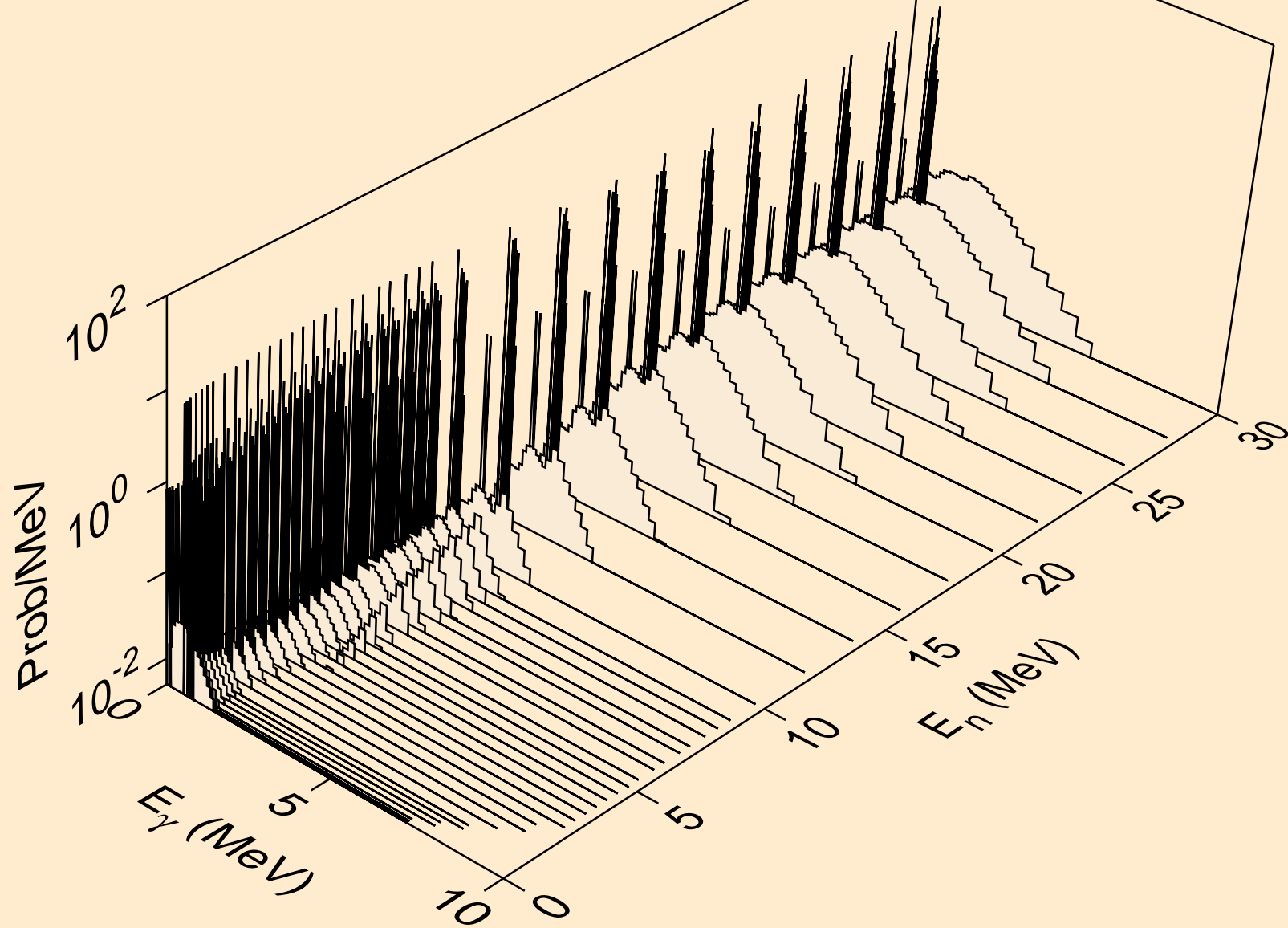
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

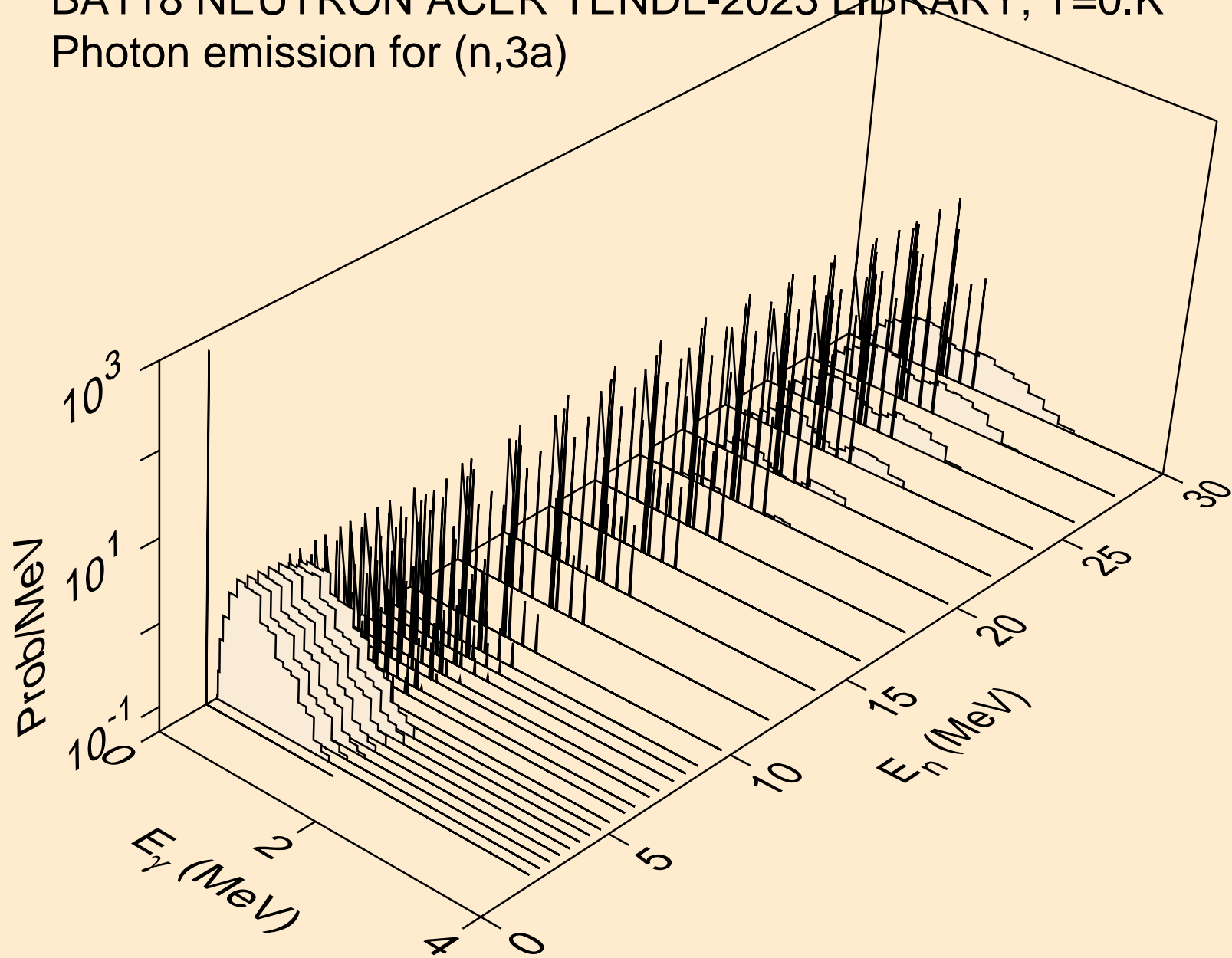


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

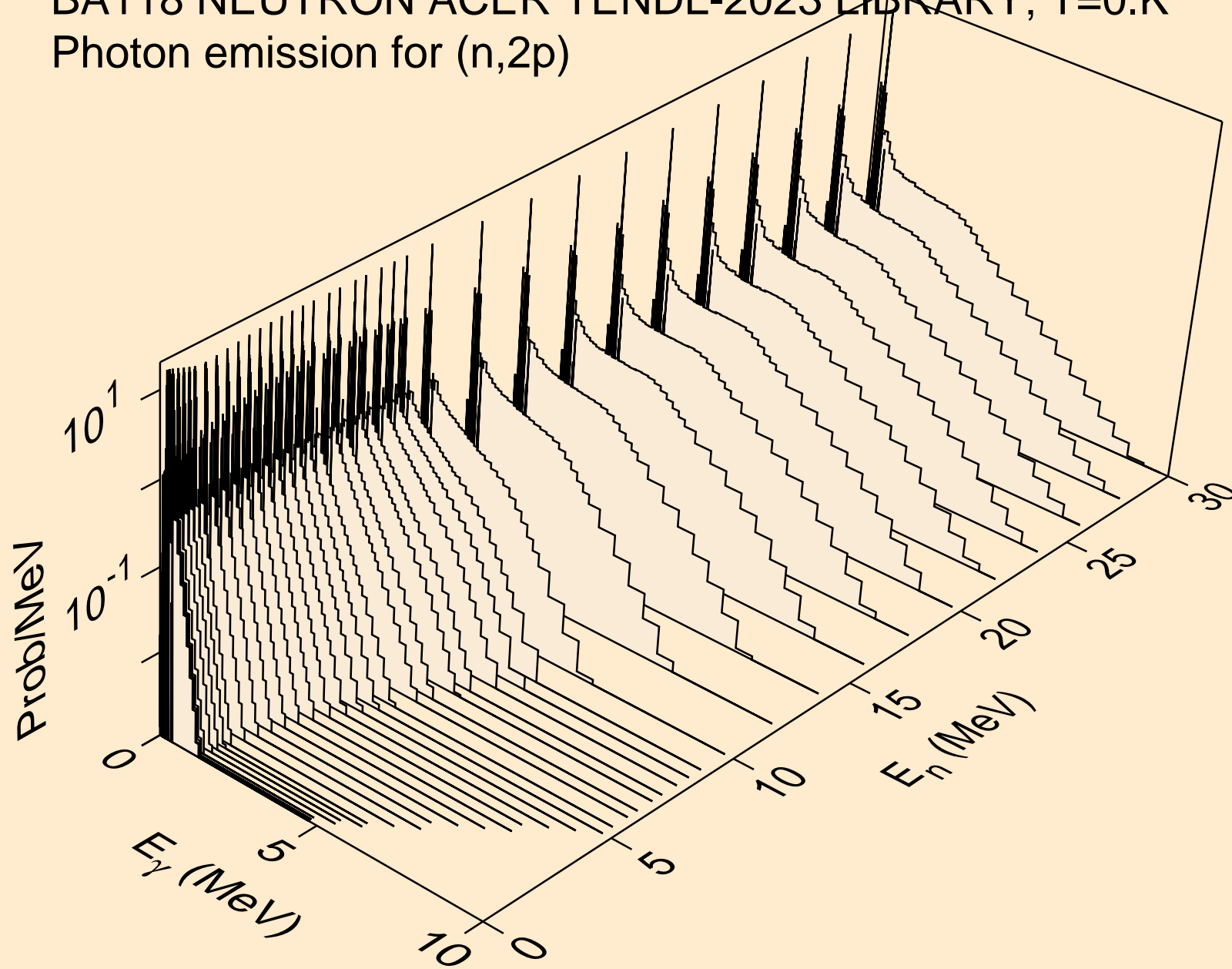




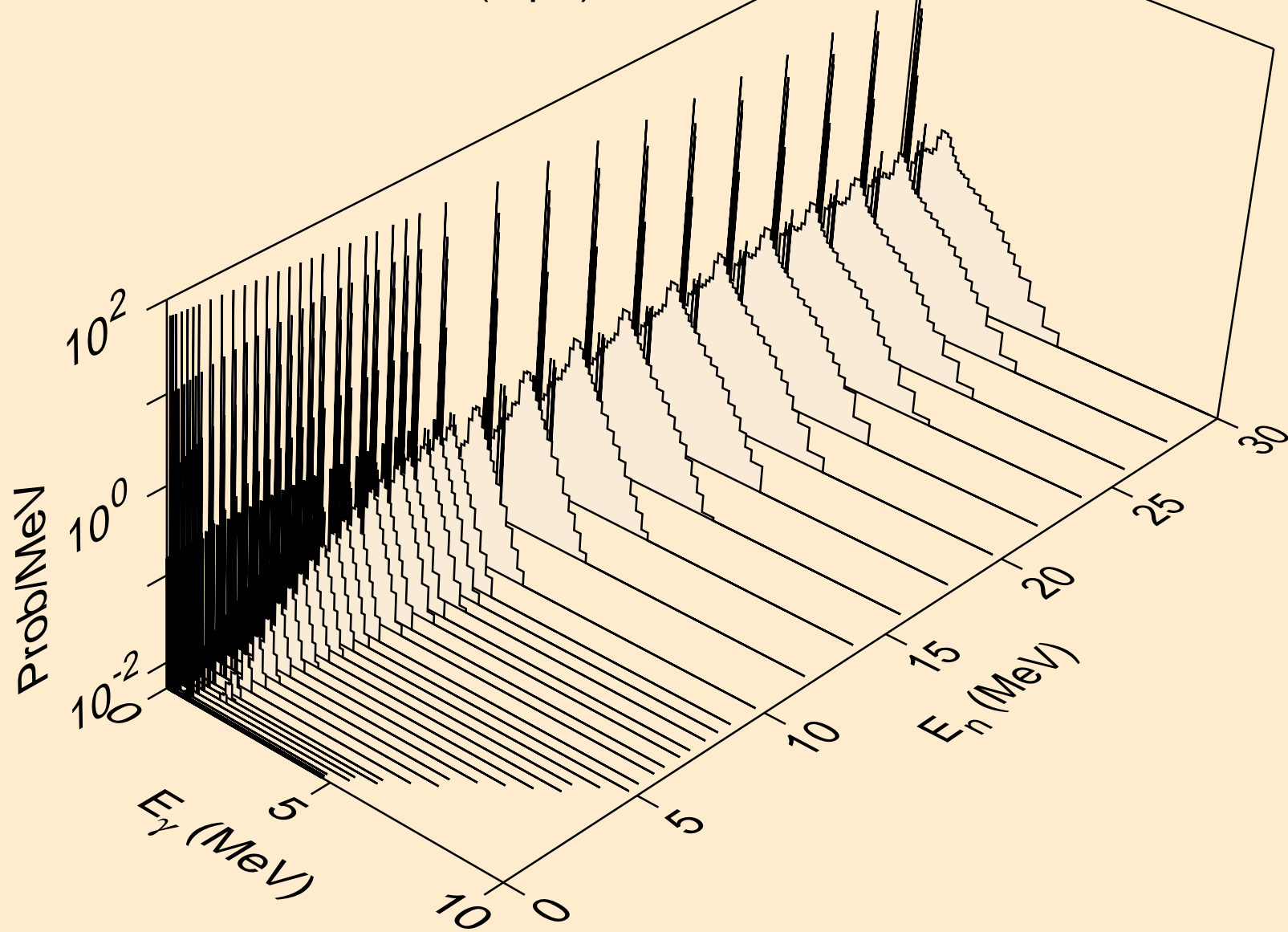
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



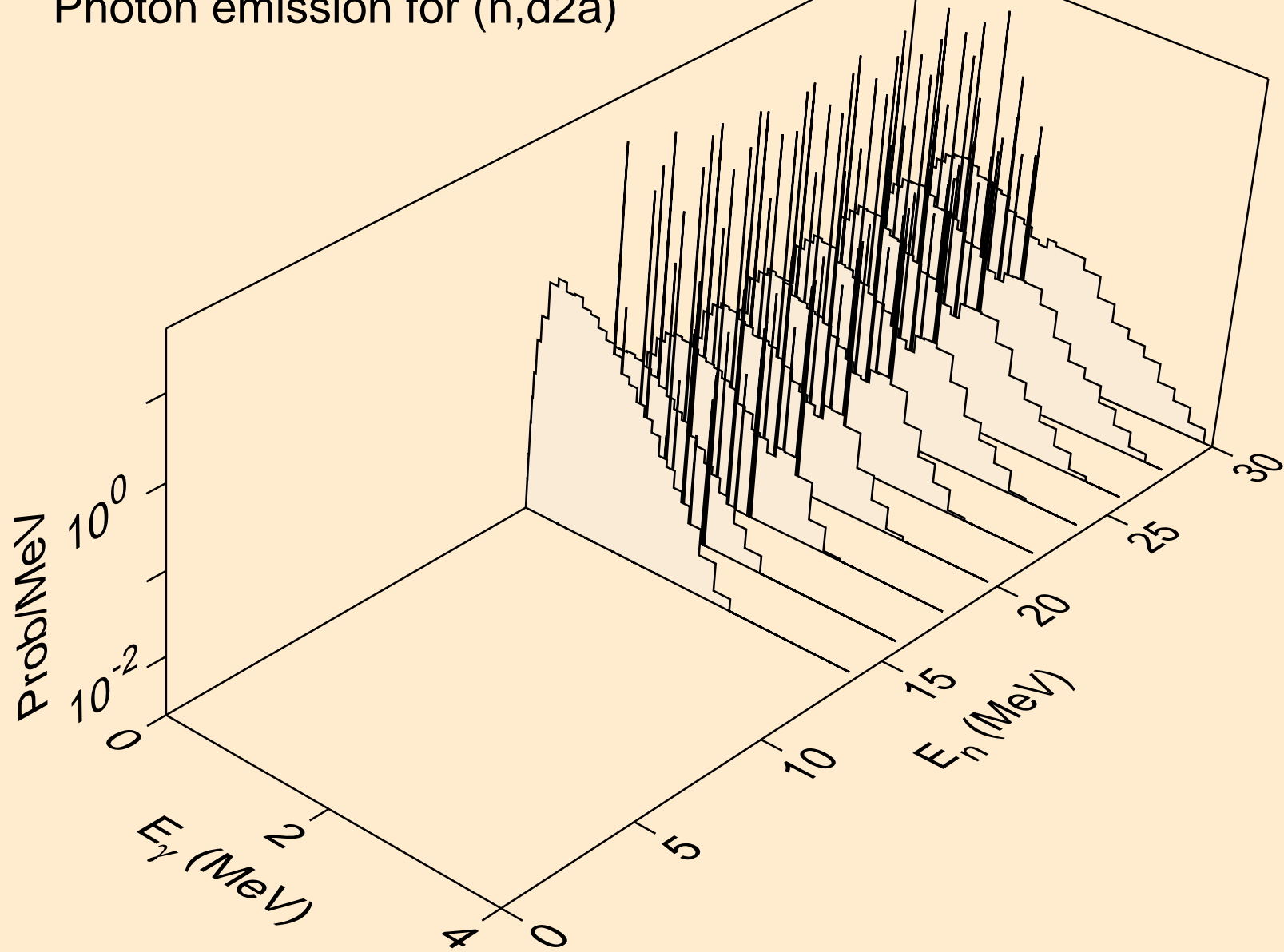
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



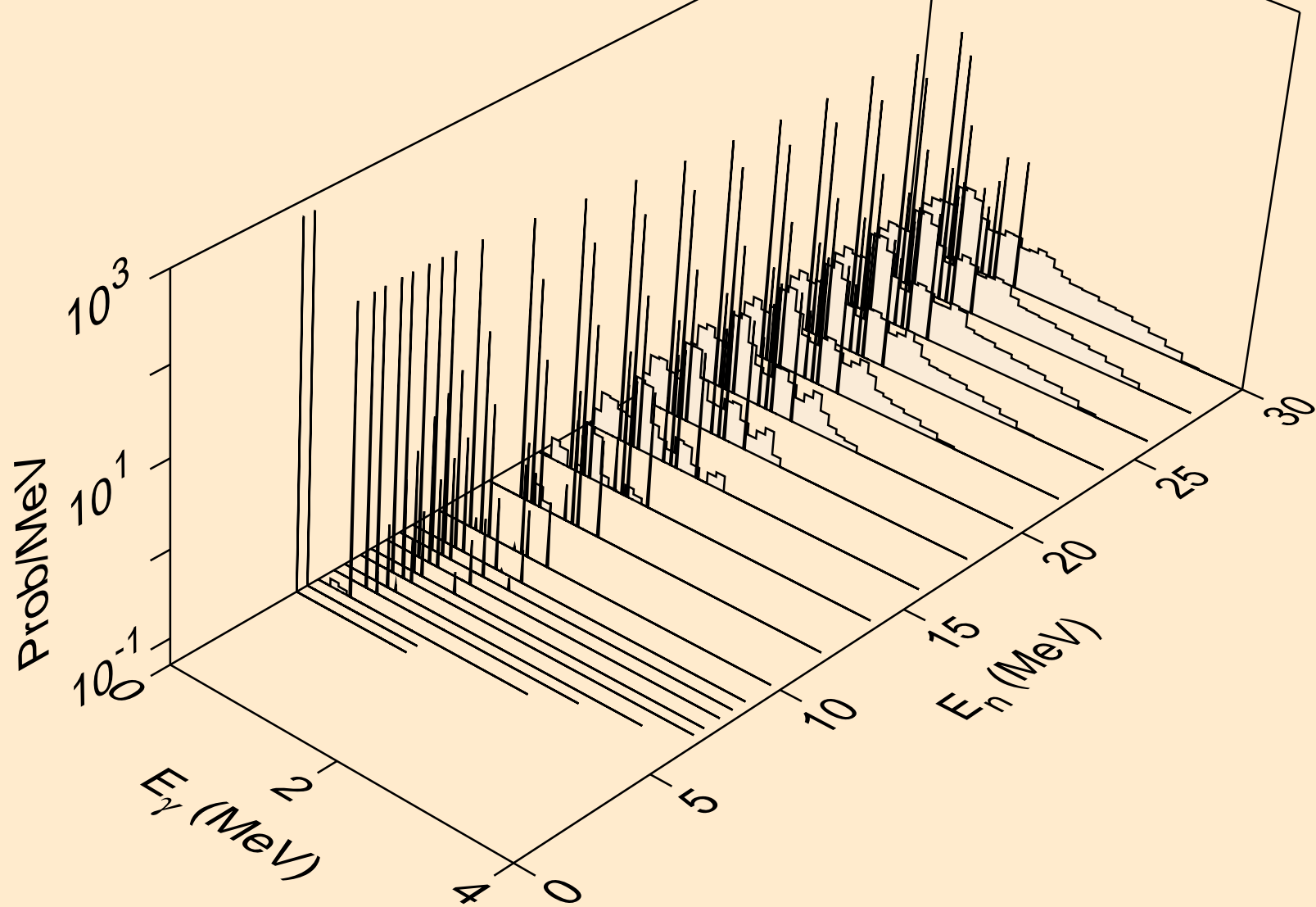
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



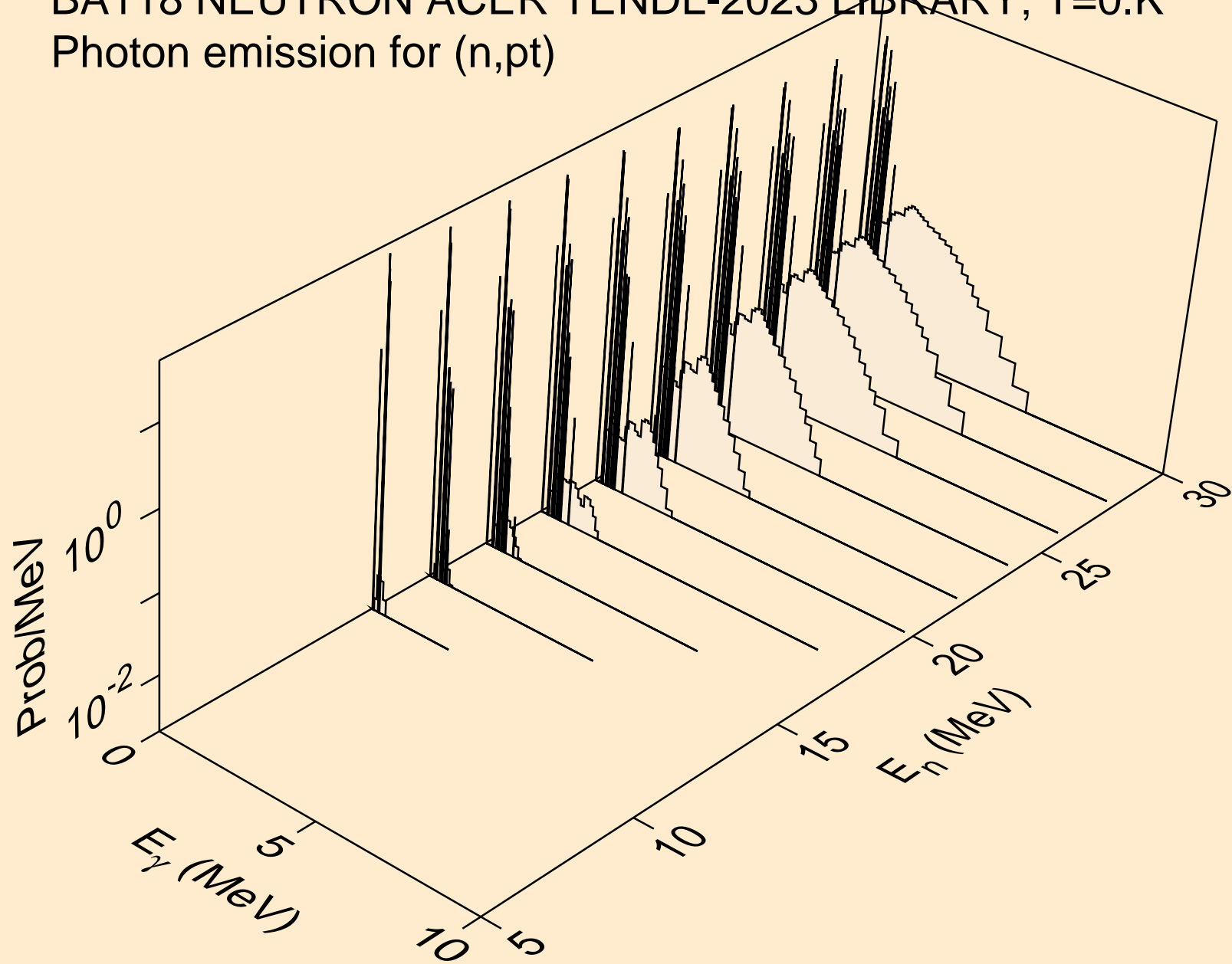
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



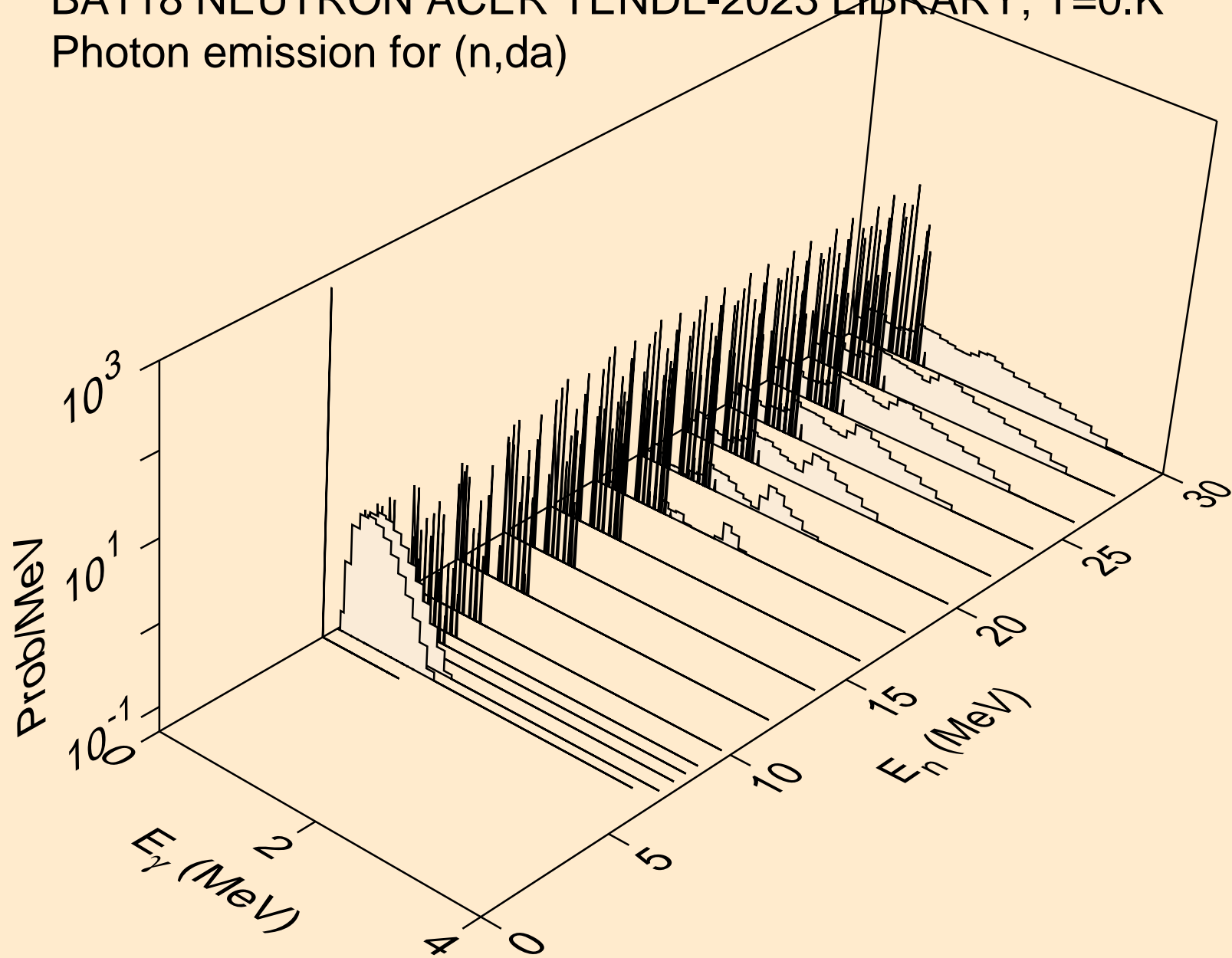
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



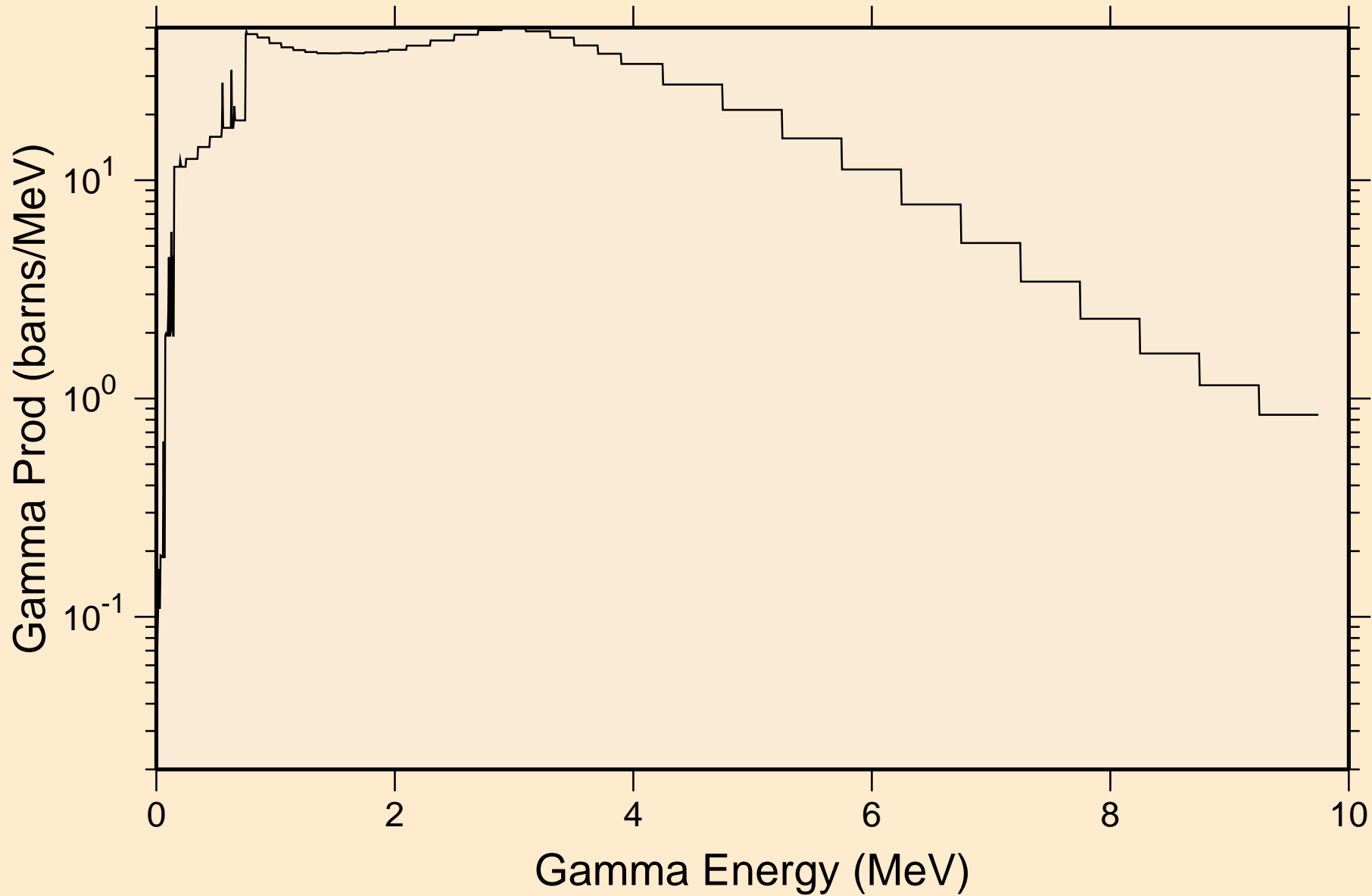
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

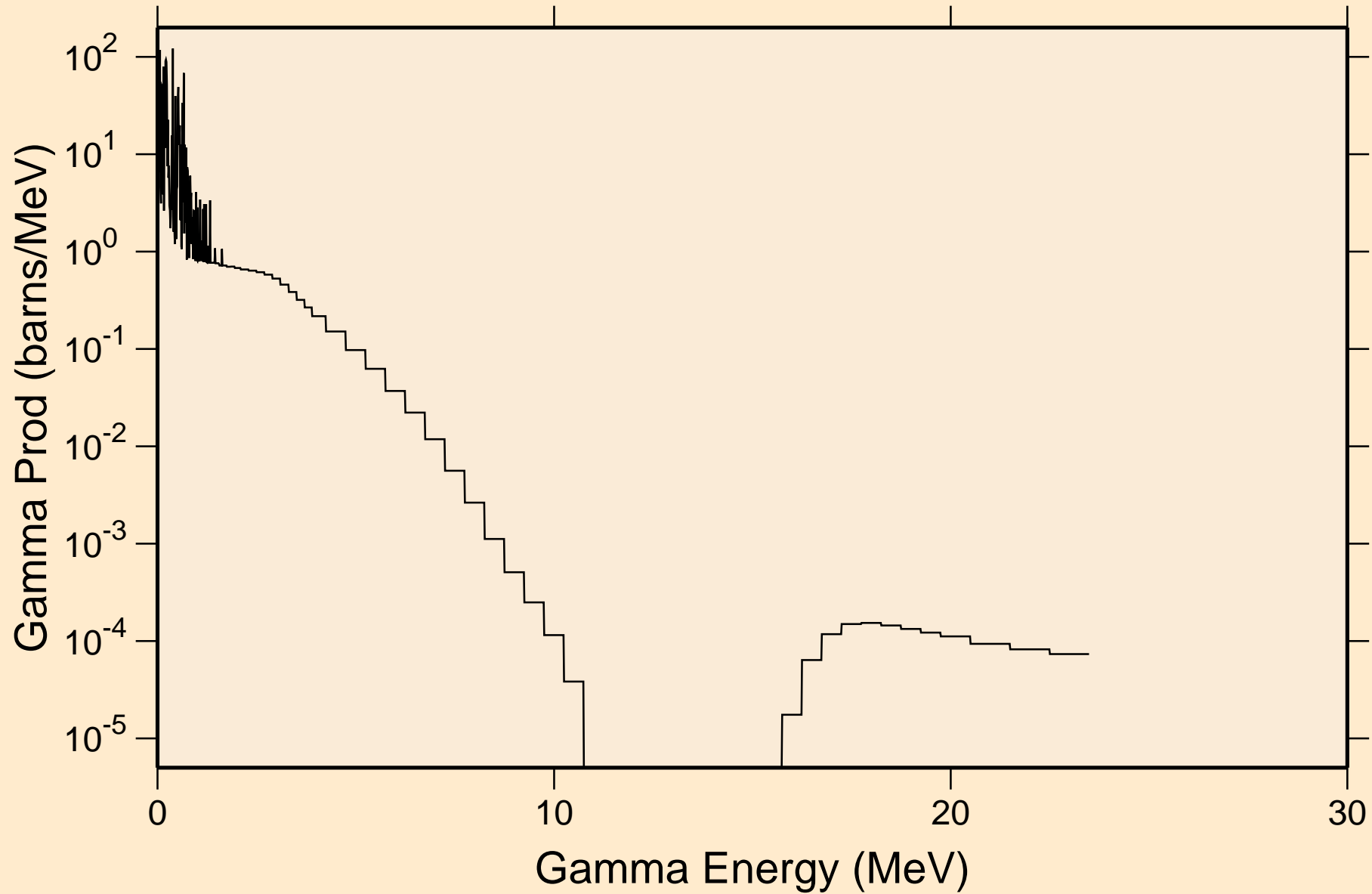


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



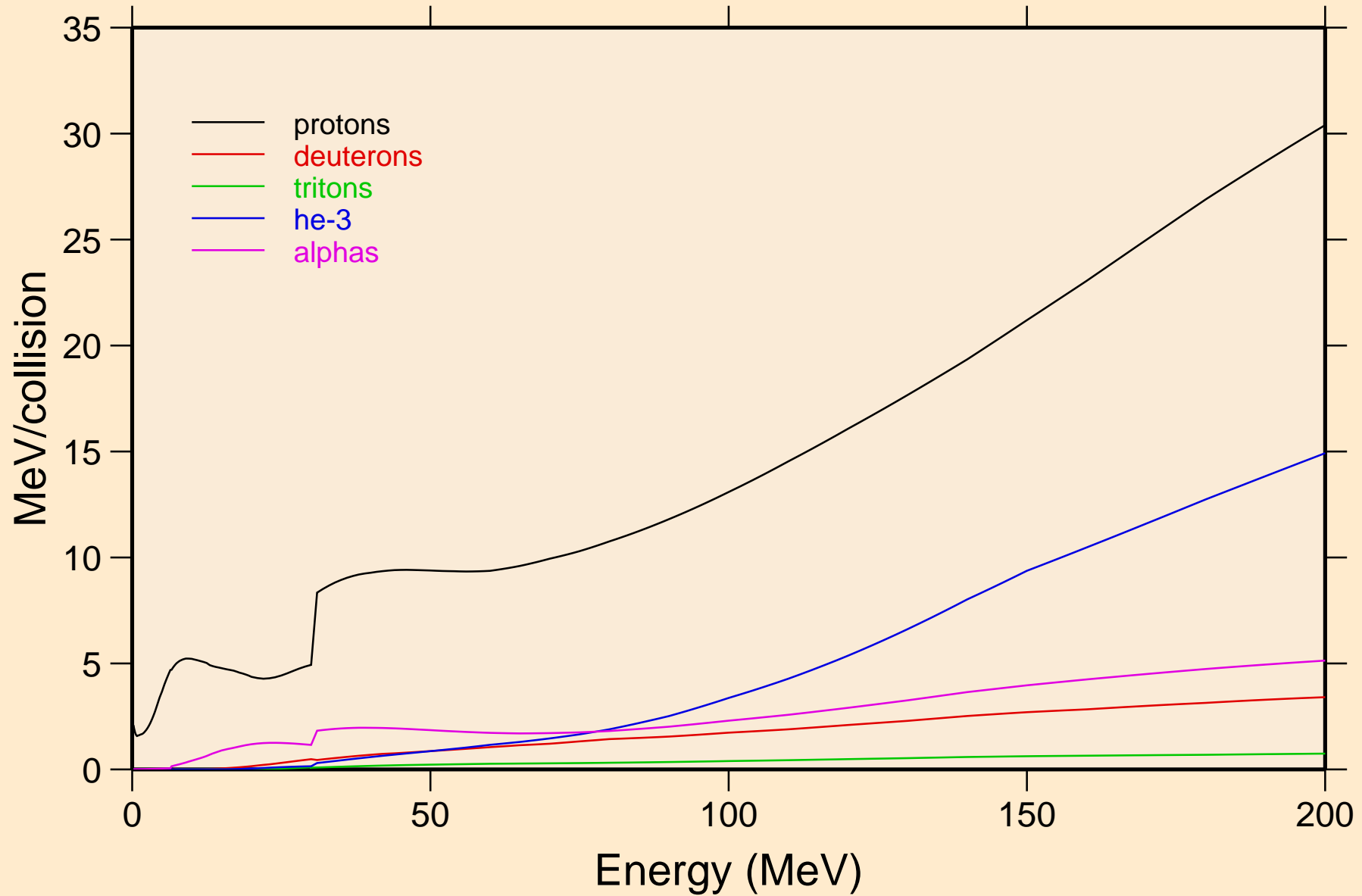


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

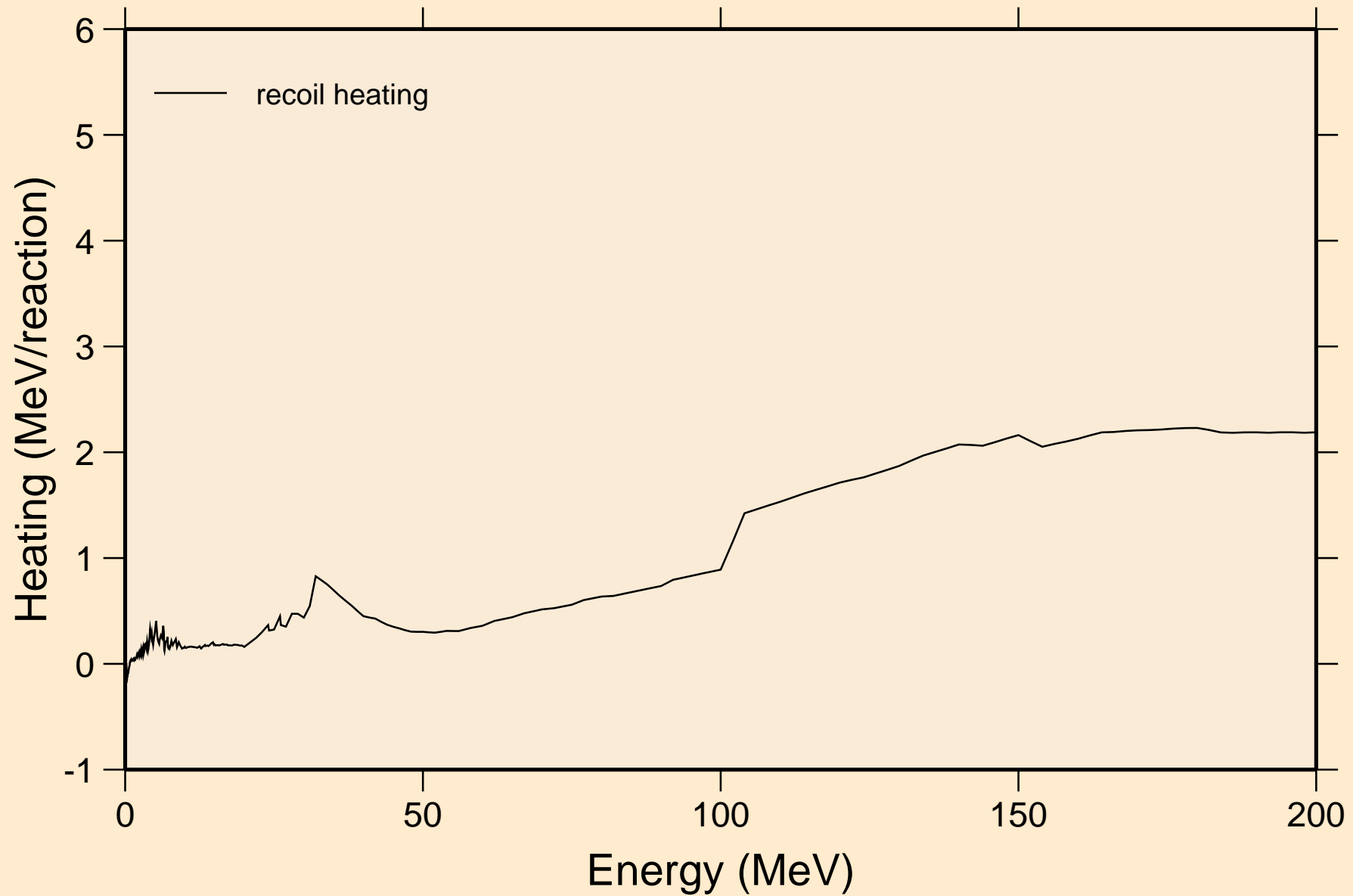


# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

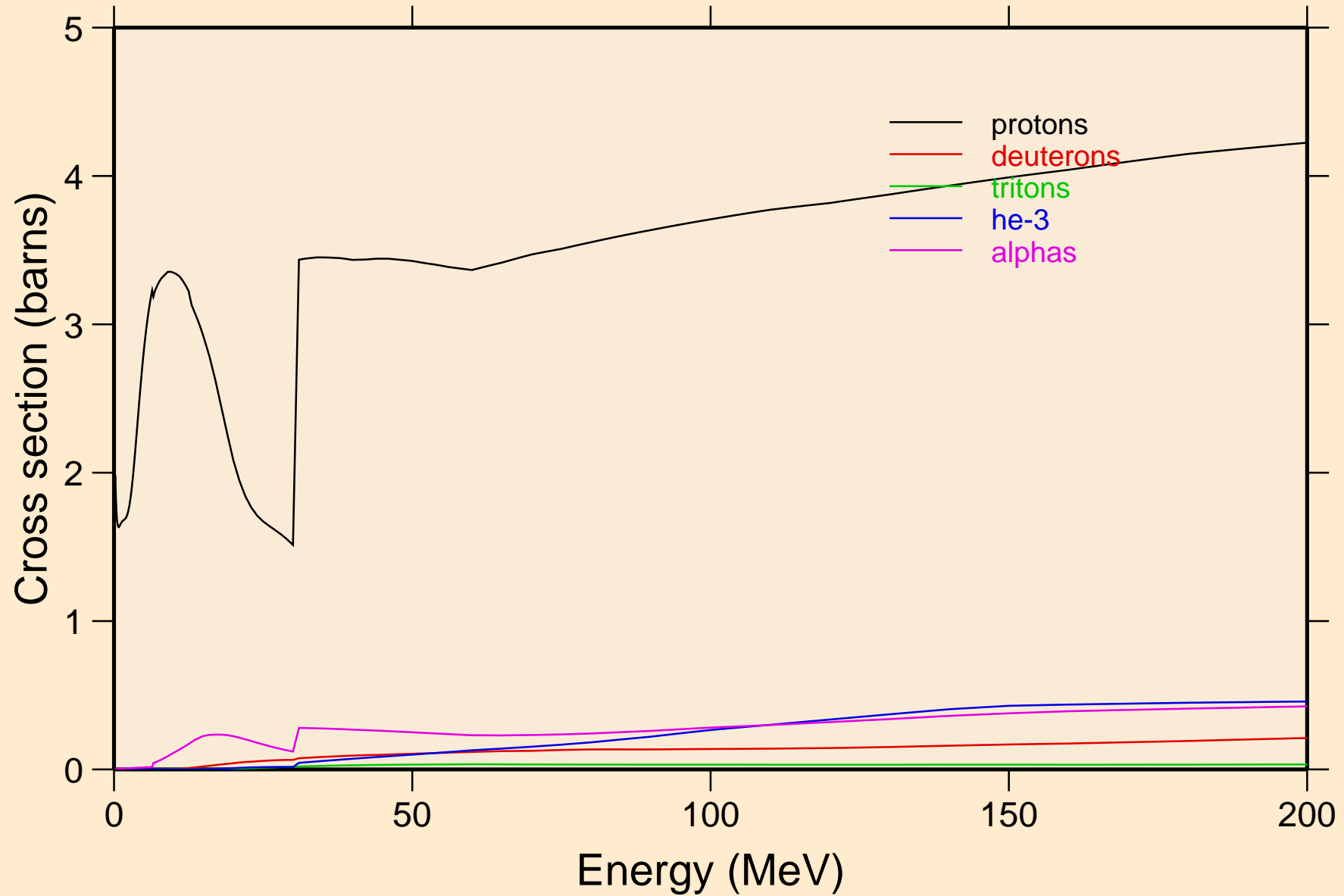


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

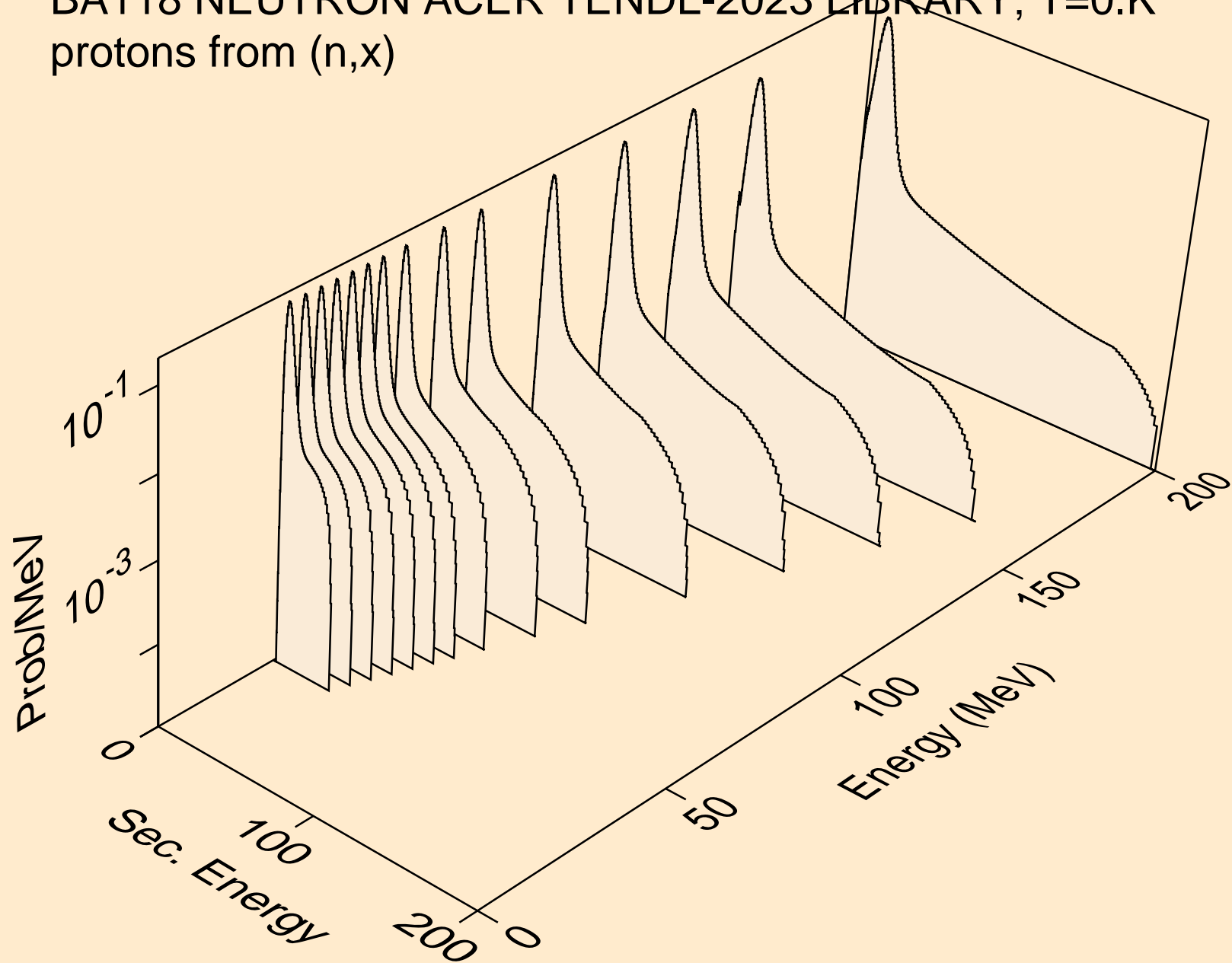


# BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

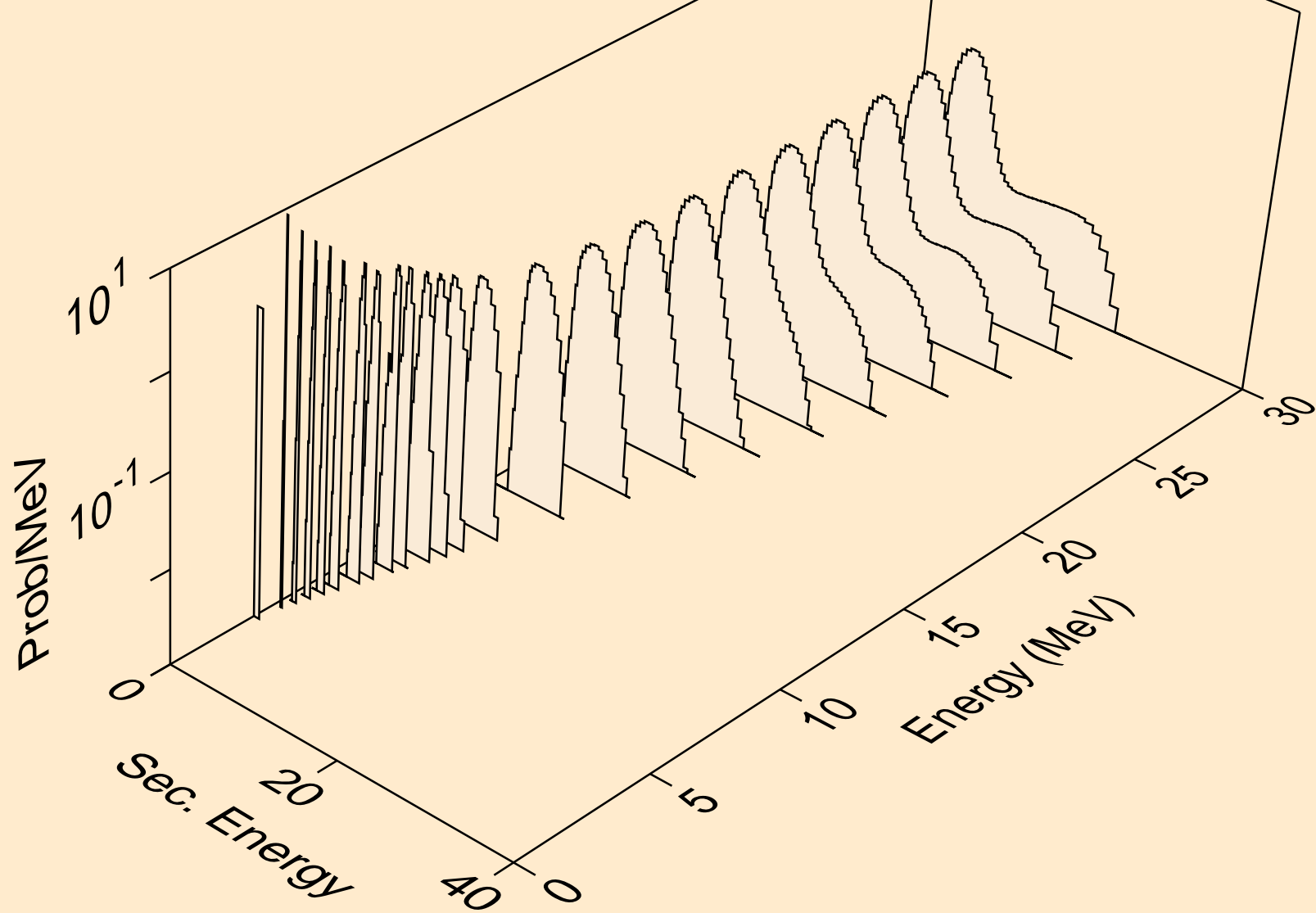
## Particle production cross sections



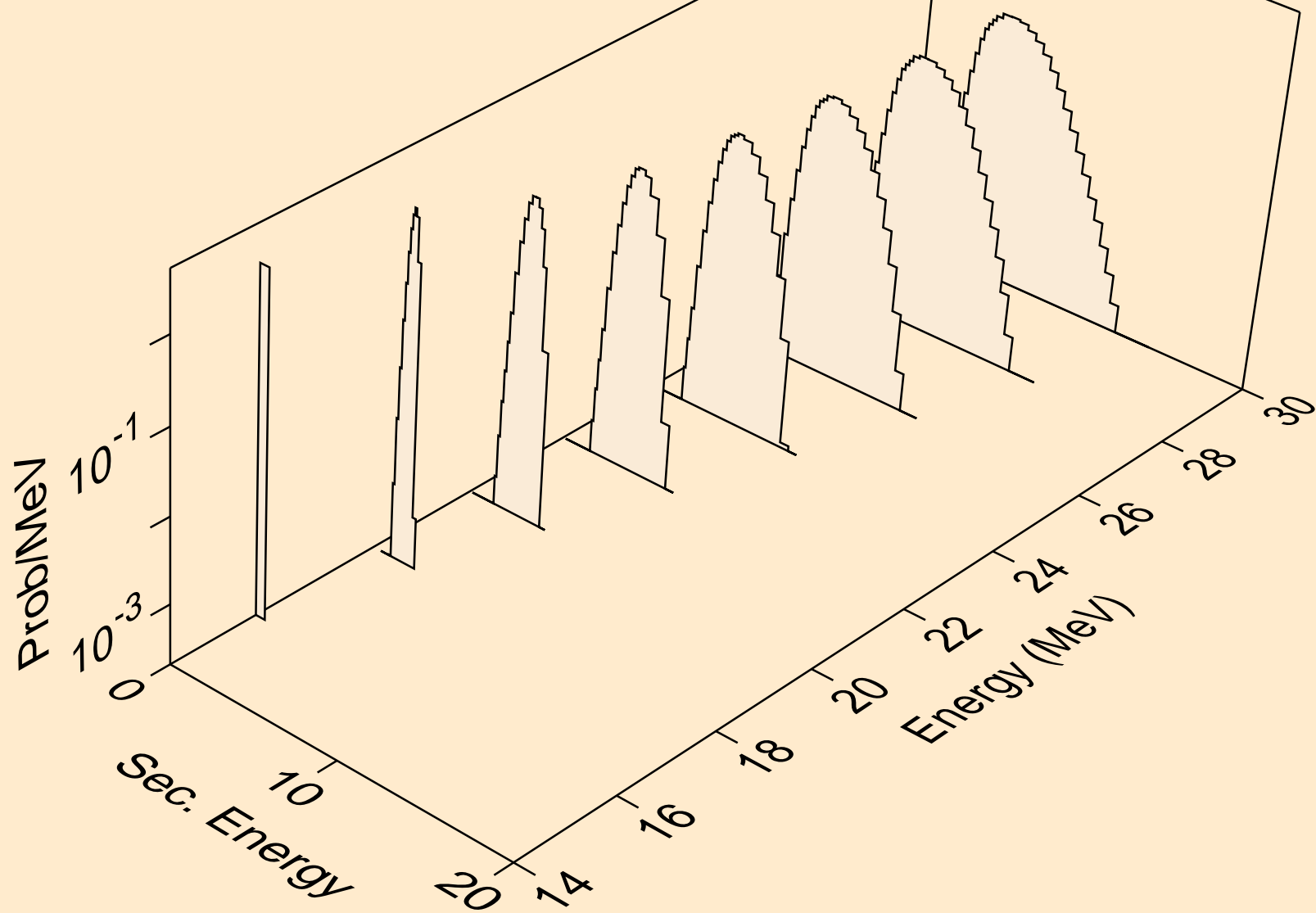
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



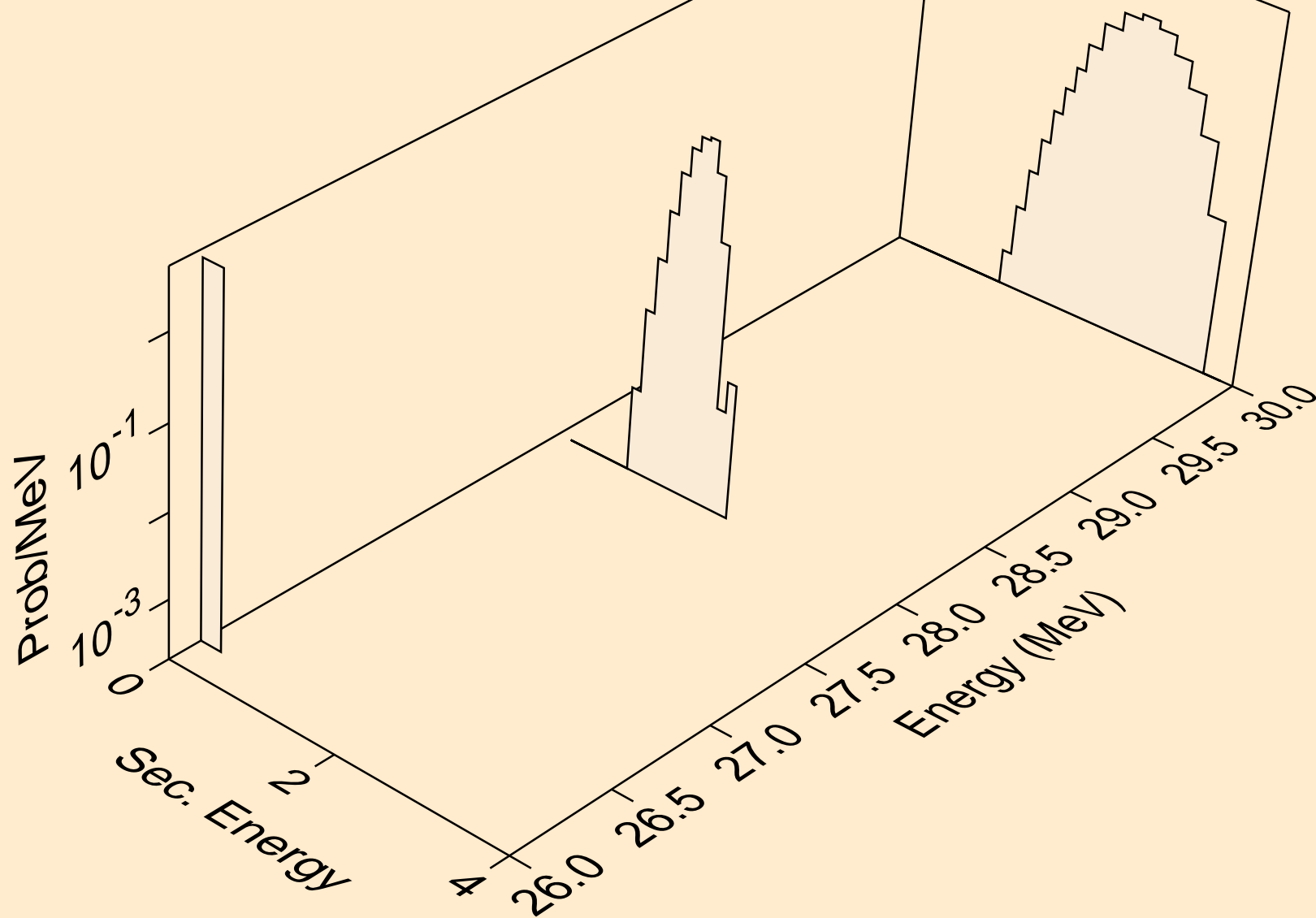
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

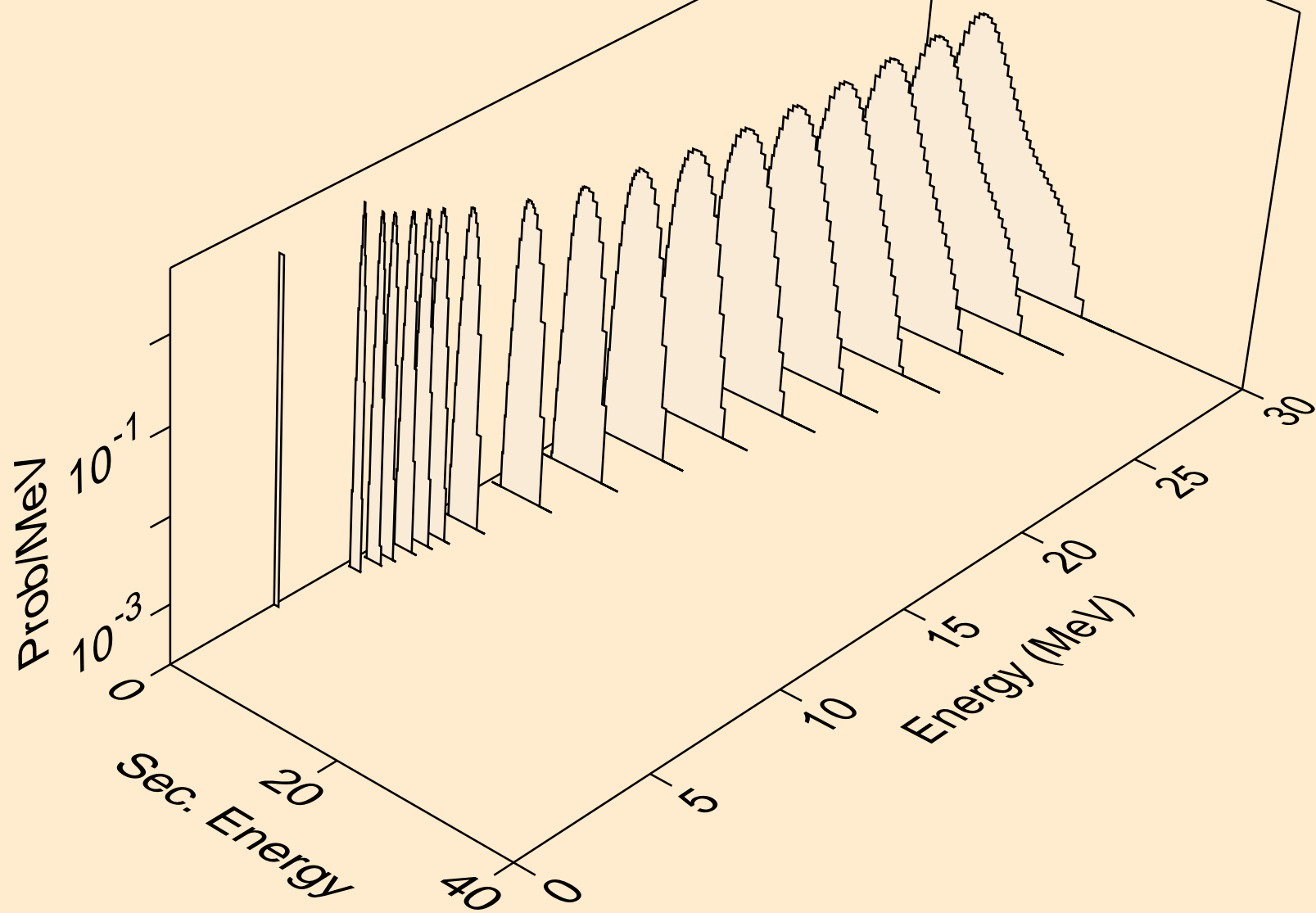


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

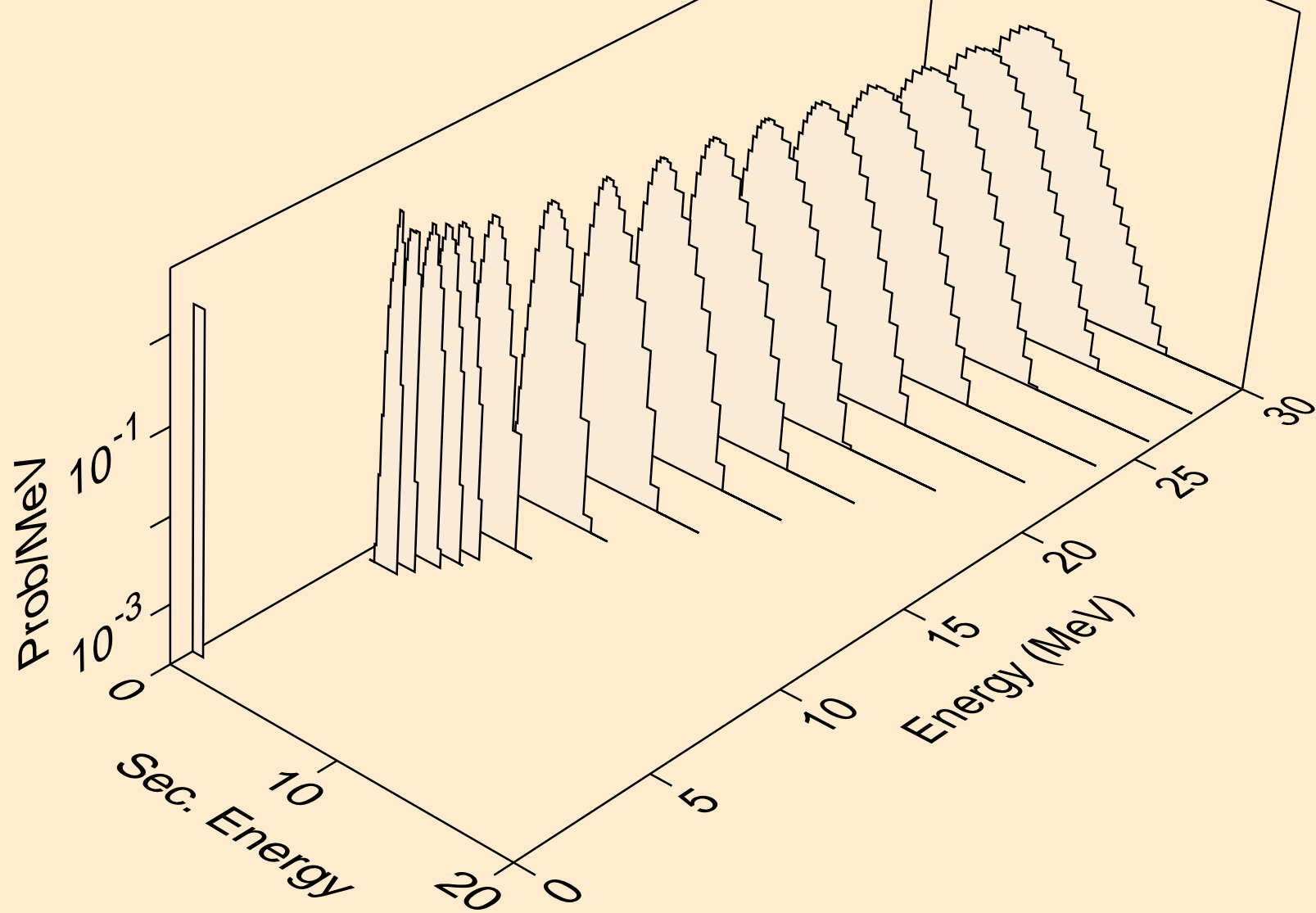




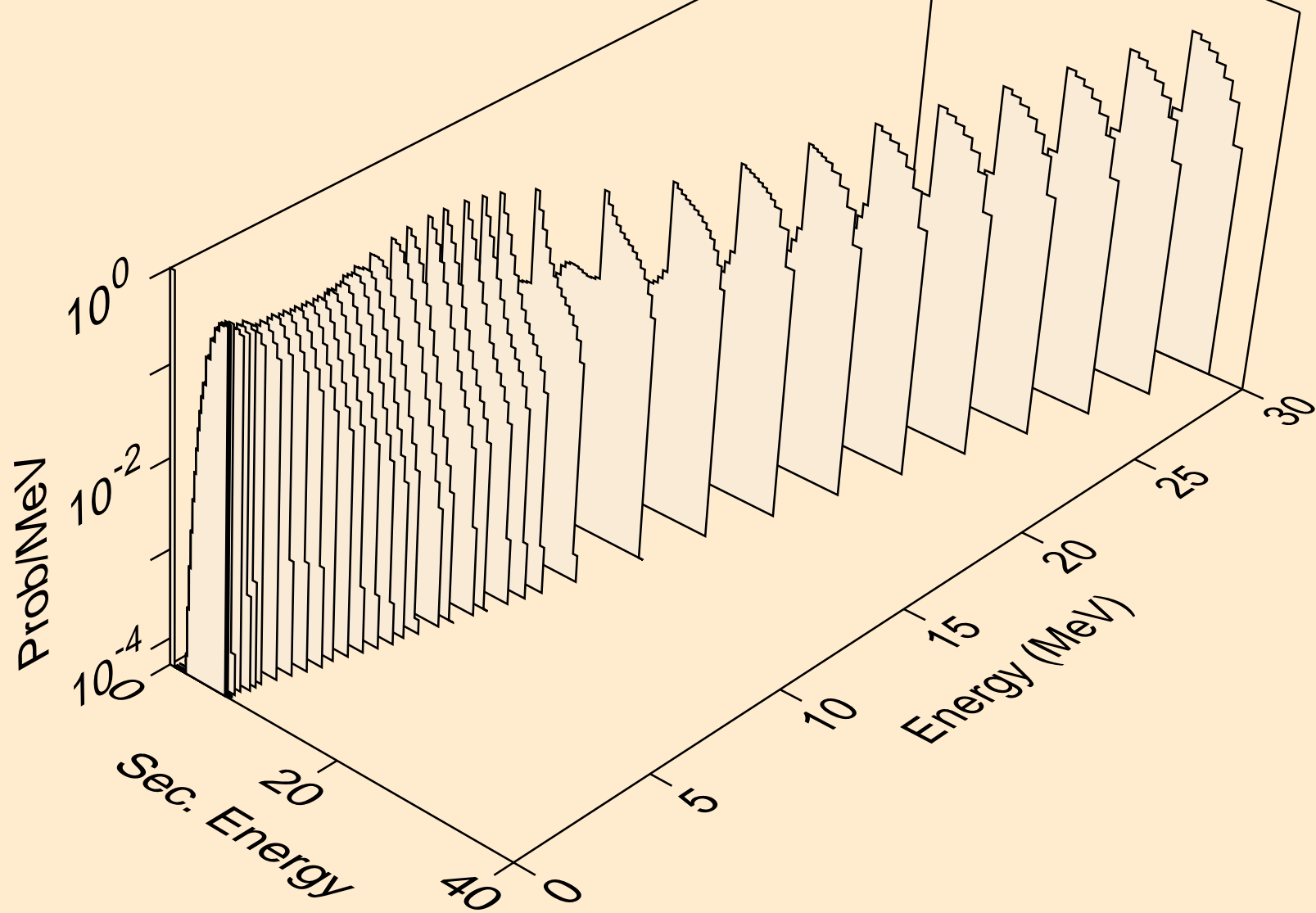
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



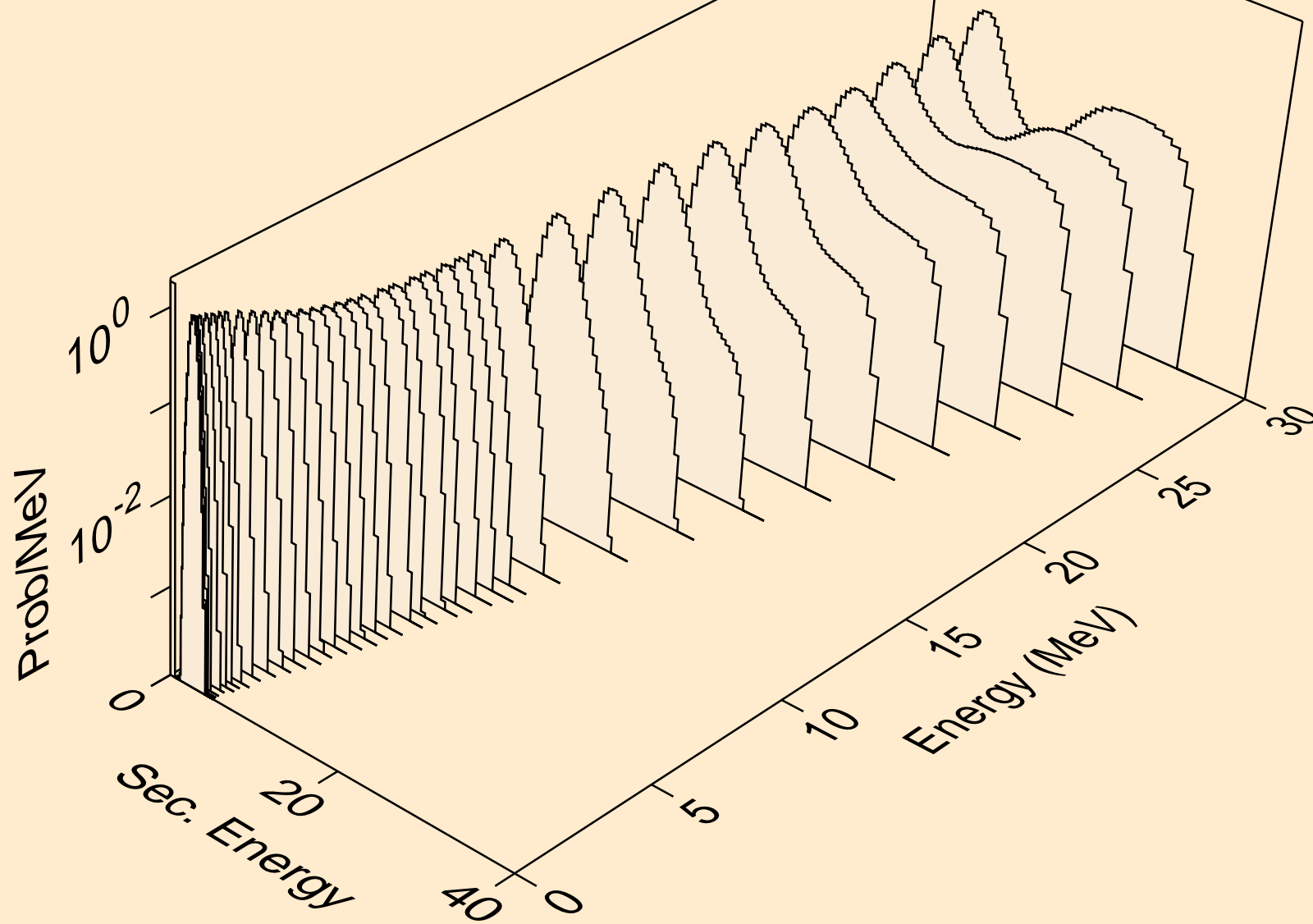
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protons from (n,npa)



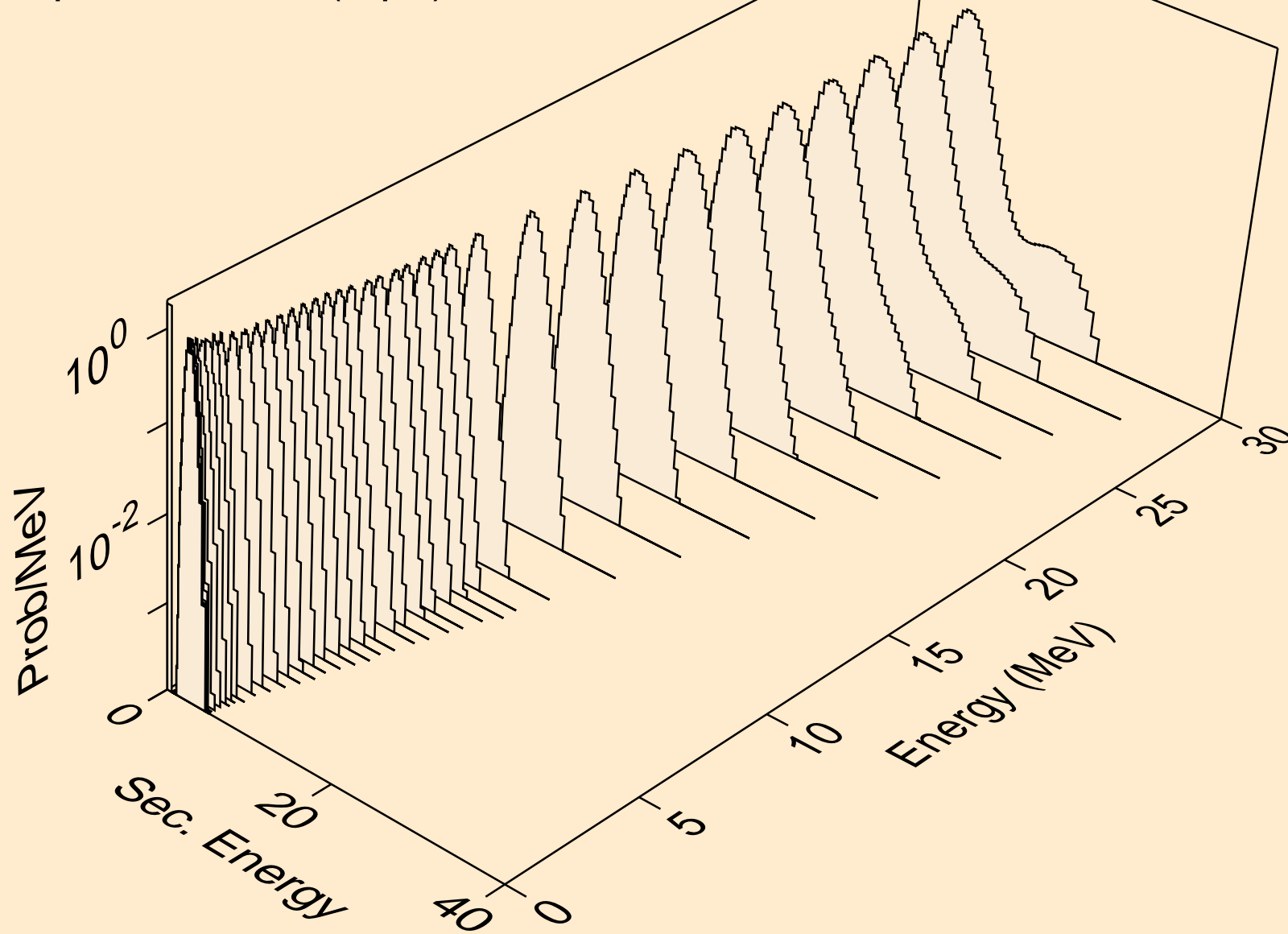
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protons from (n,p)



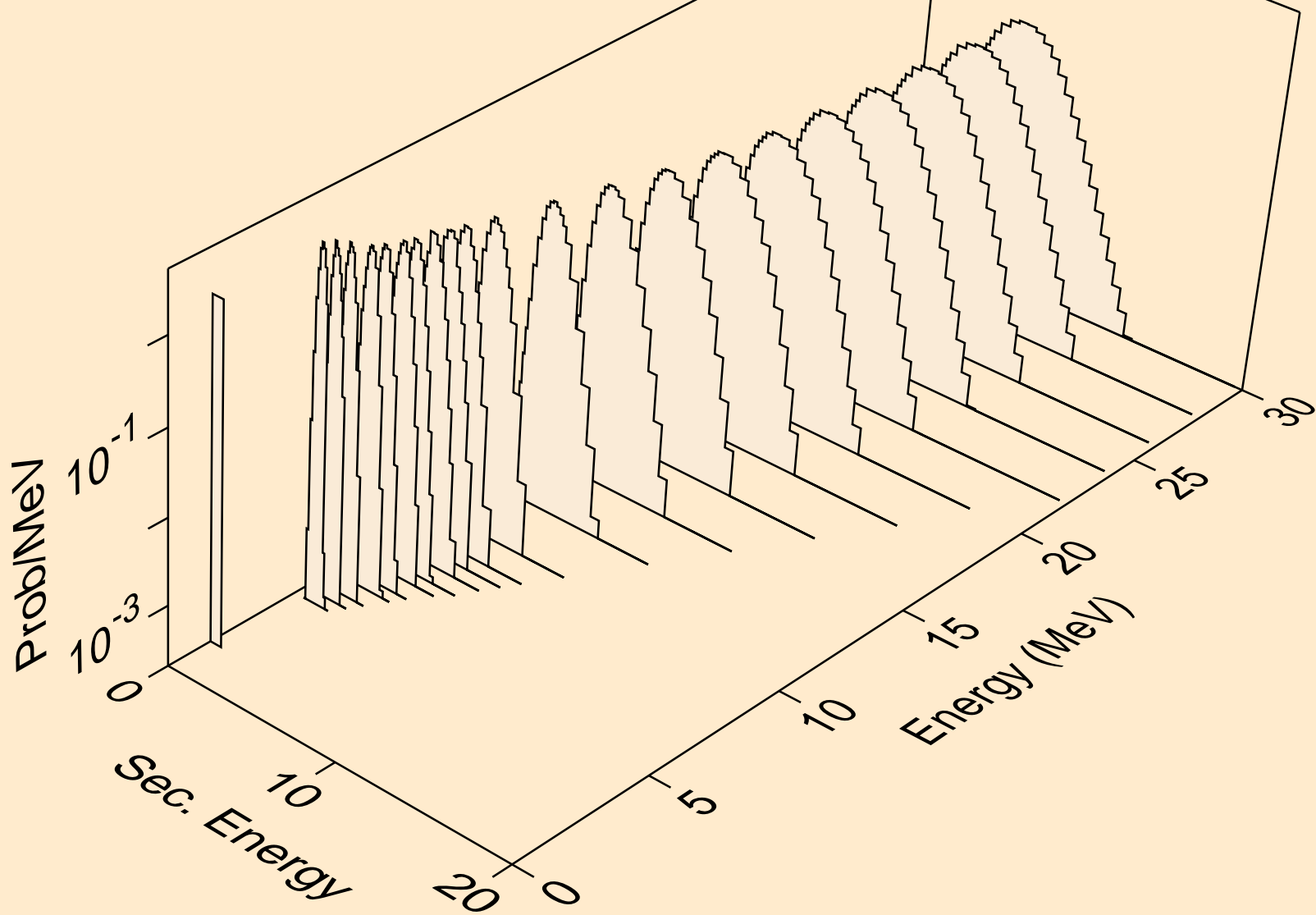
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protons from (n,2p)



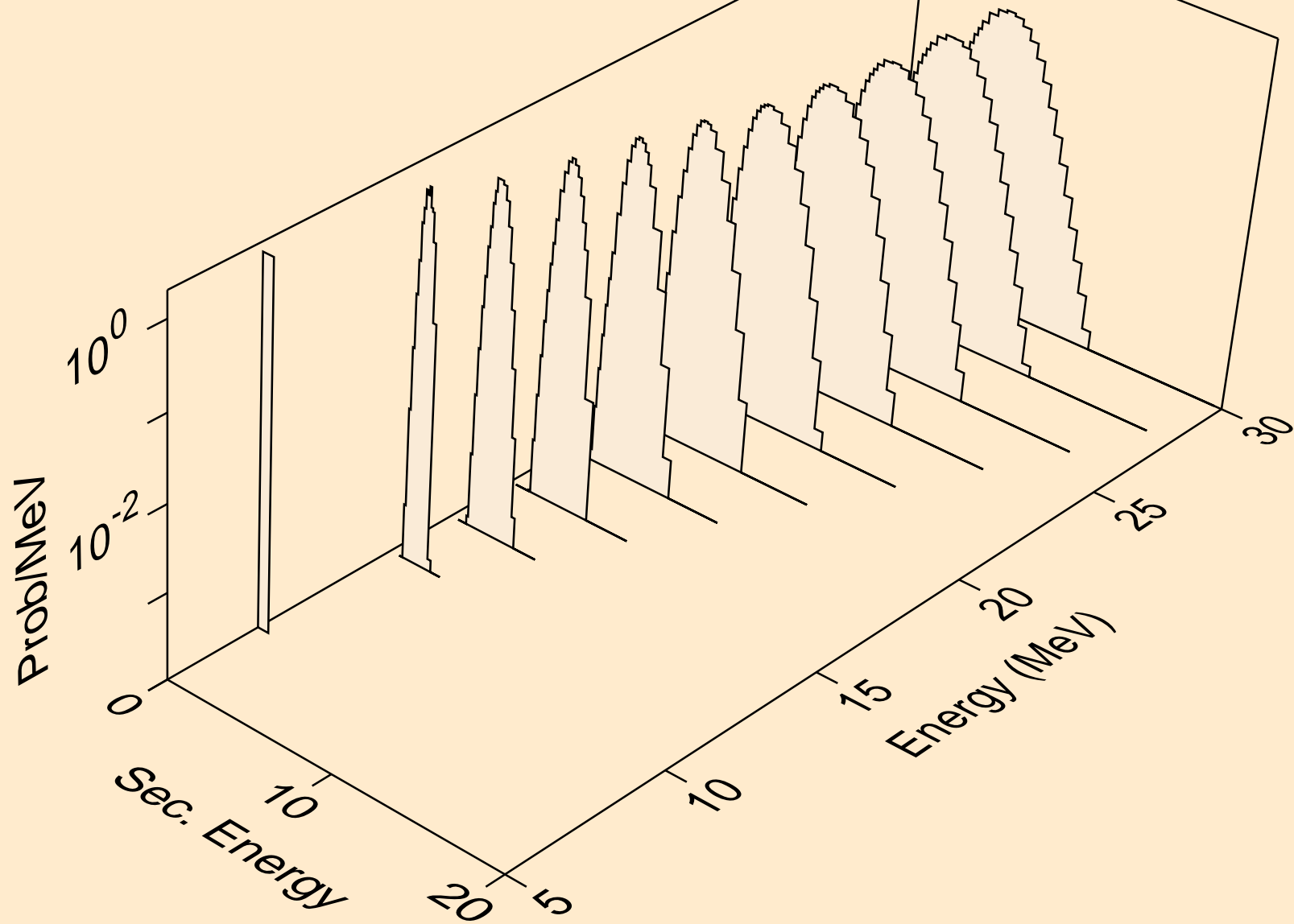
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protons from (n,p)



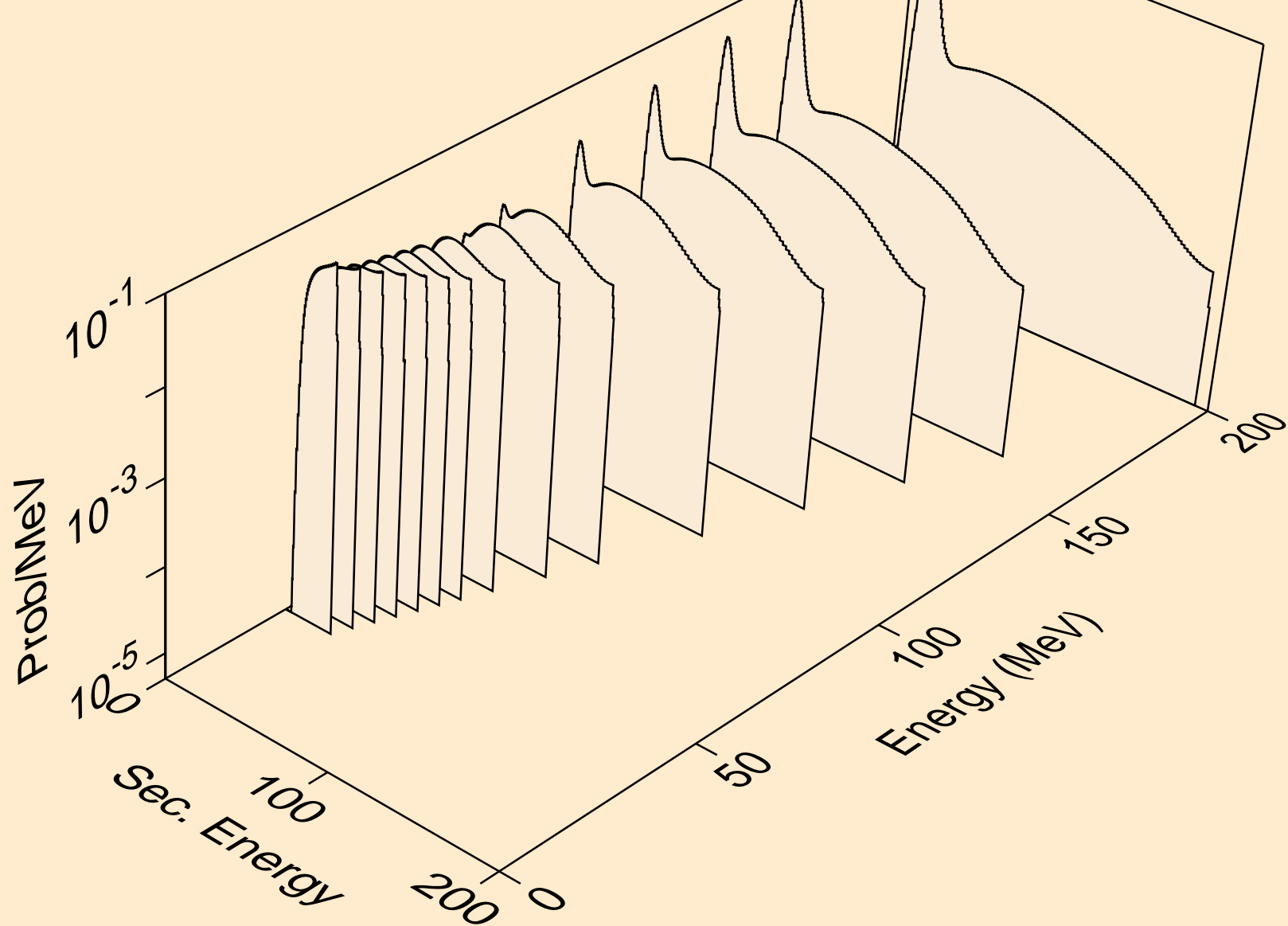
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

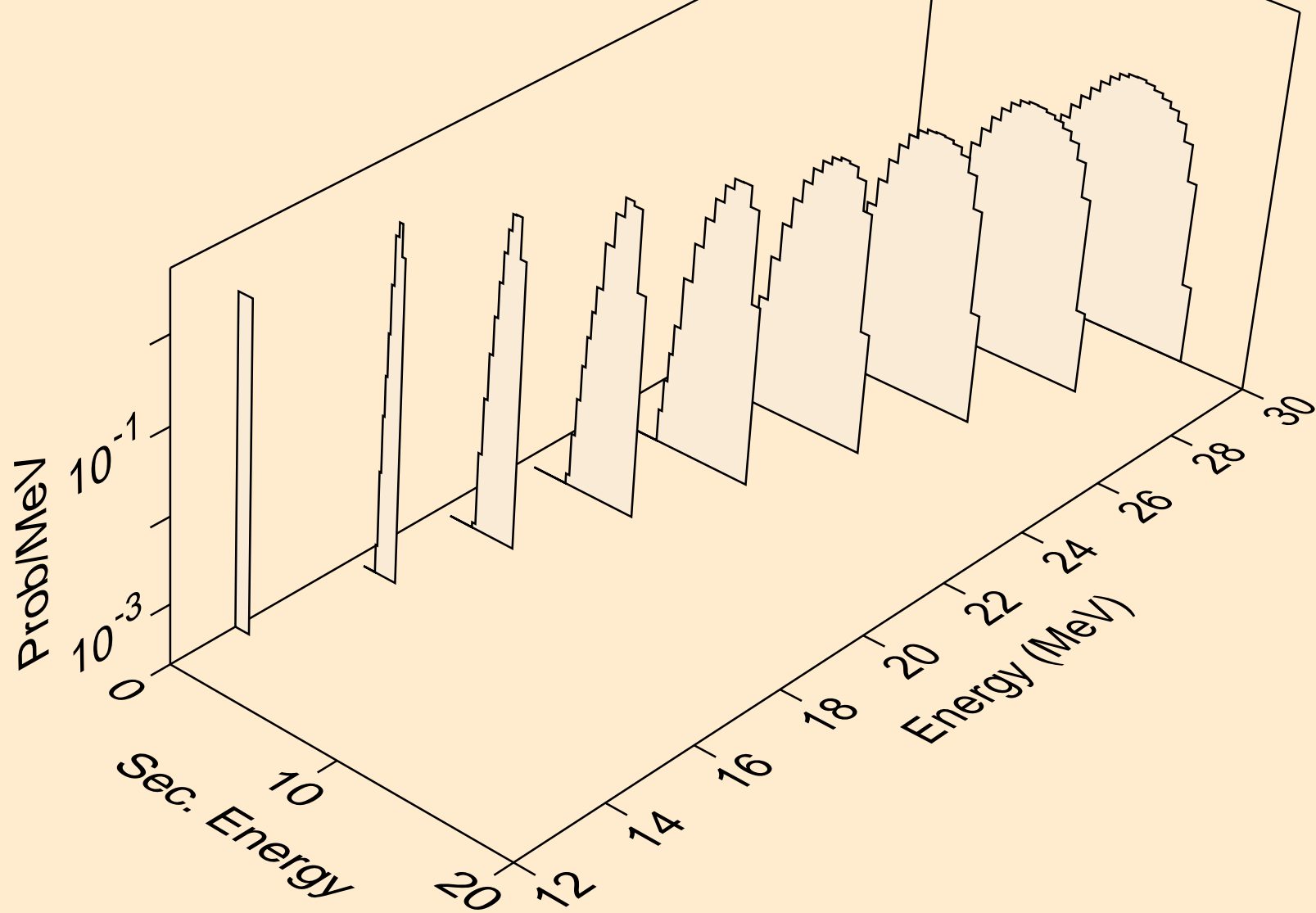


BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

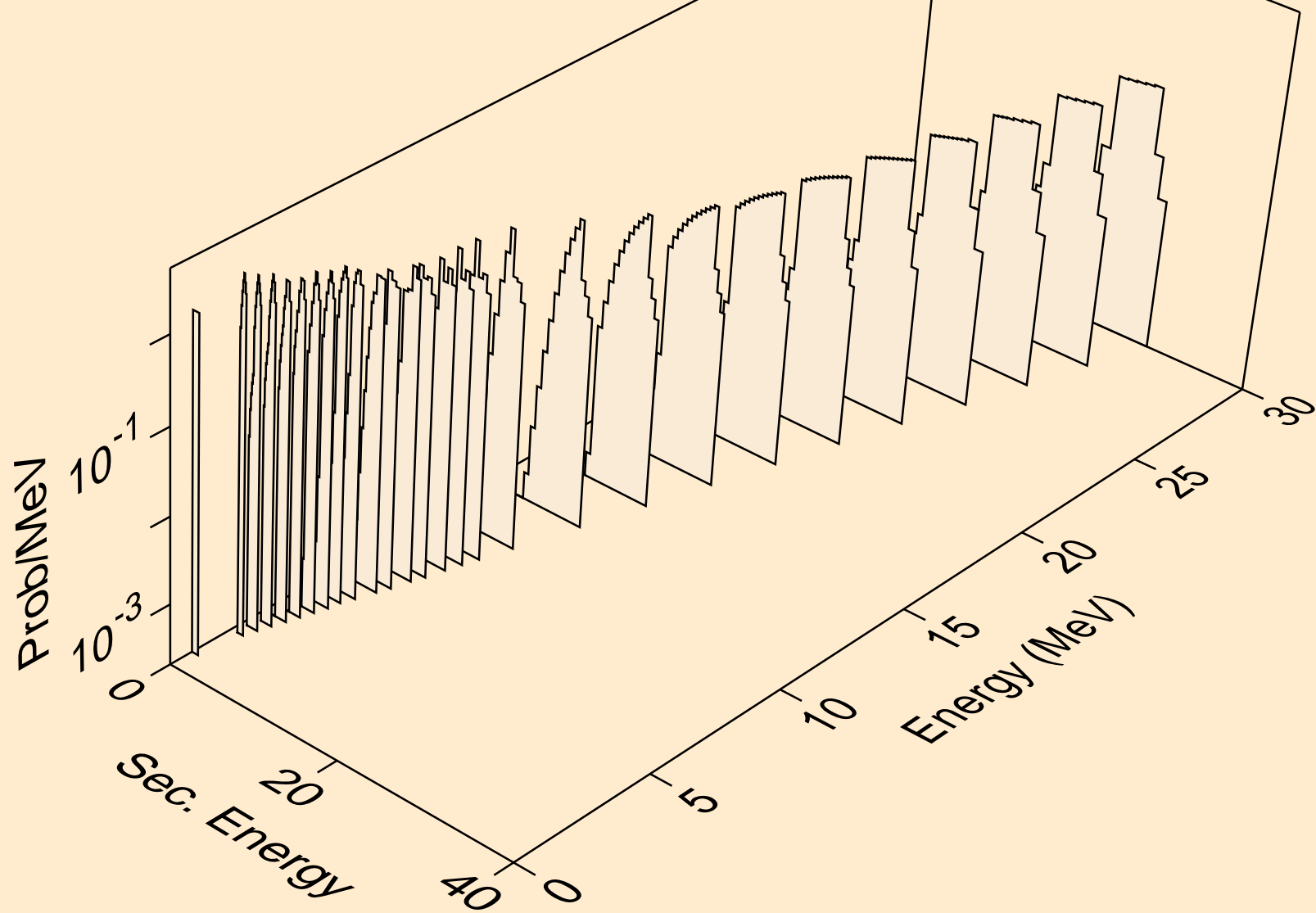




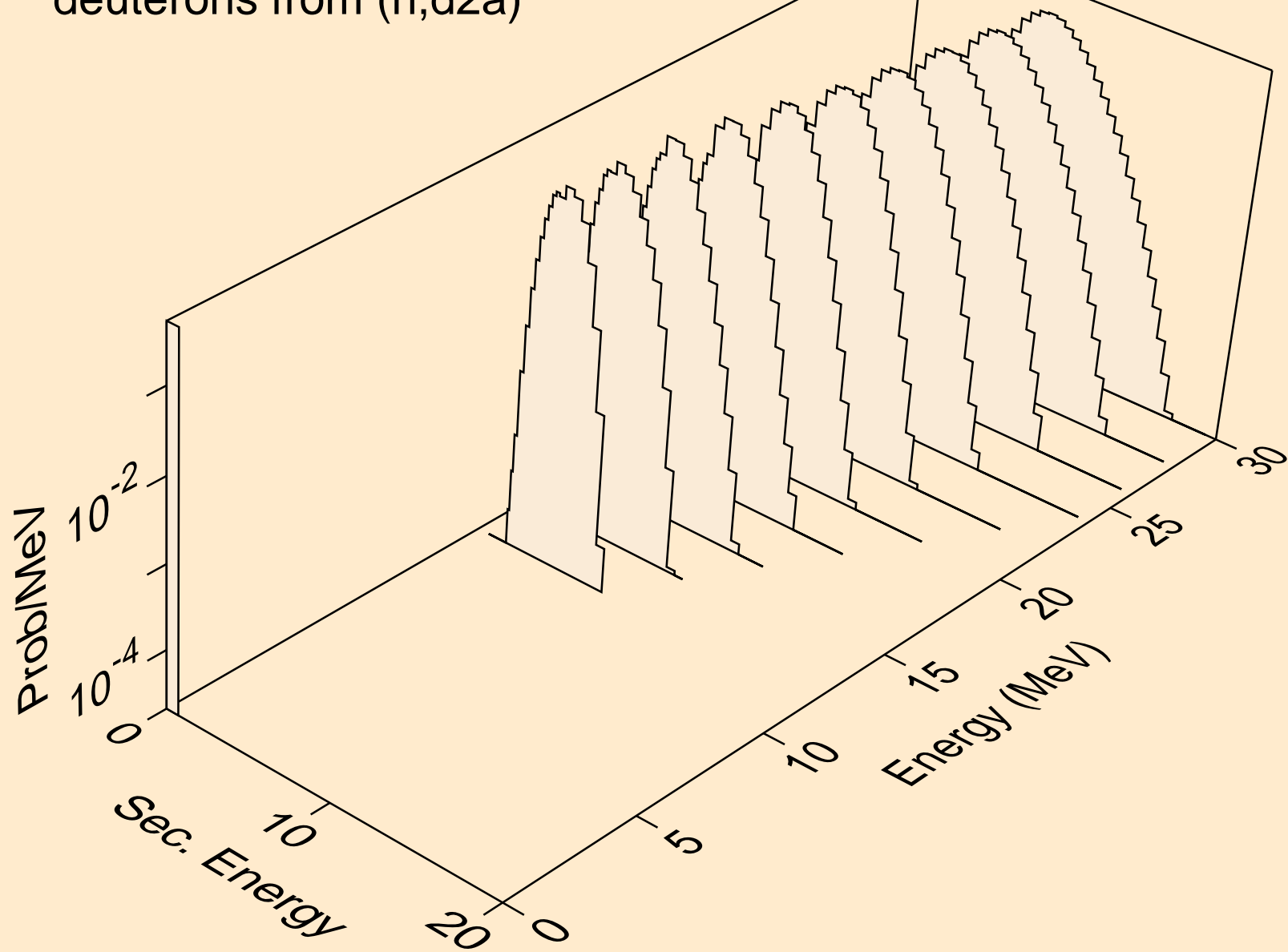
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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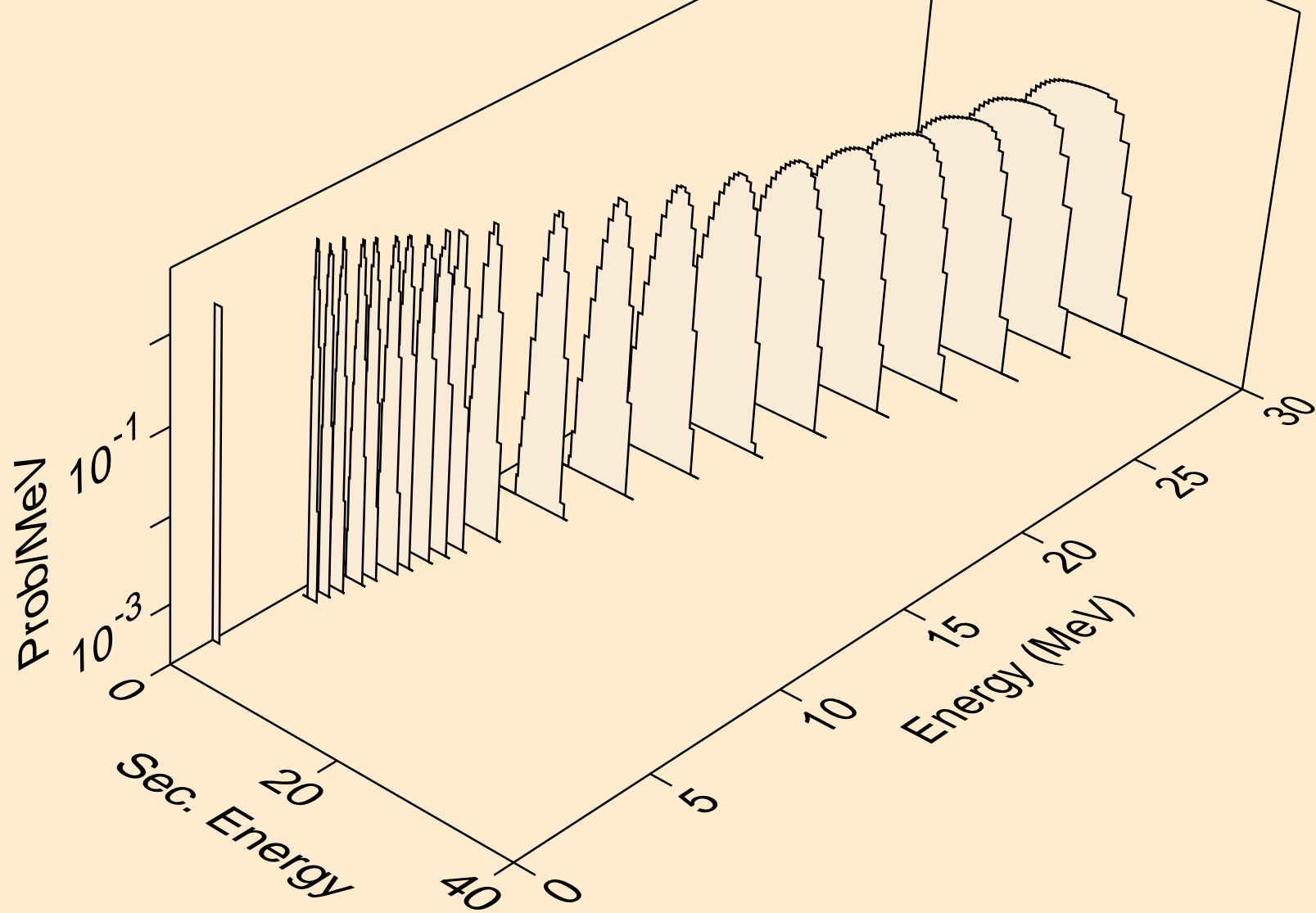
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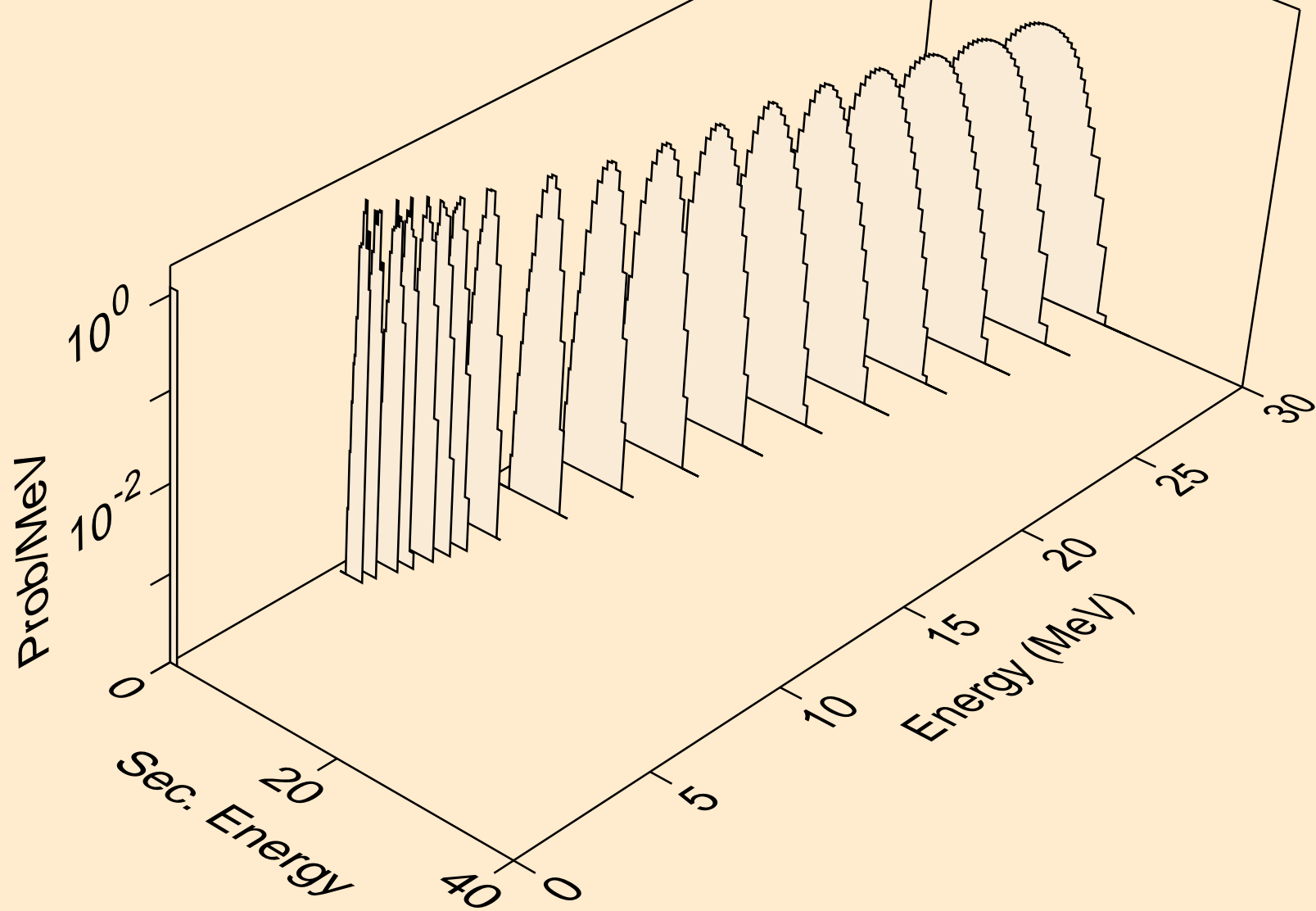
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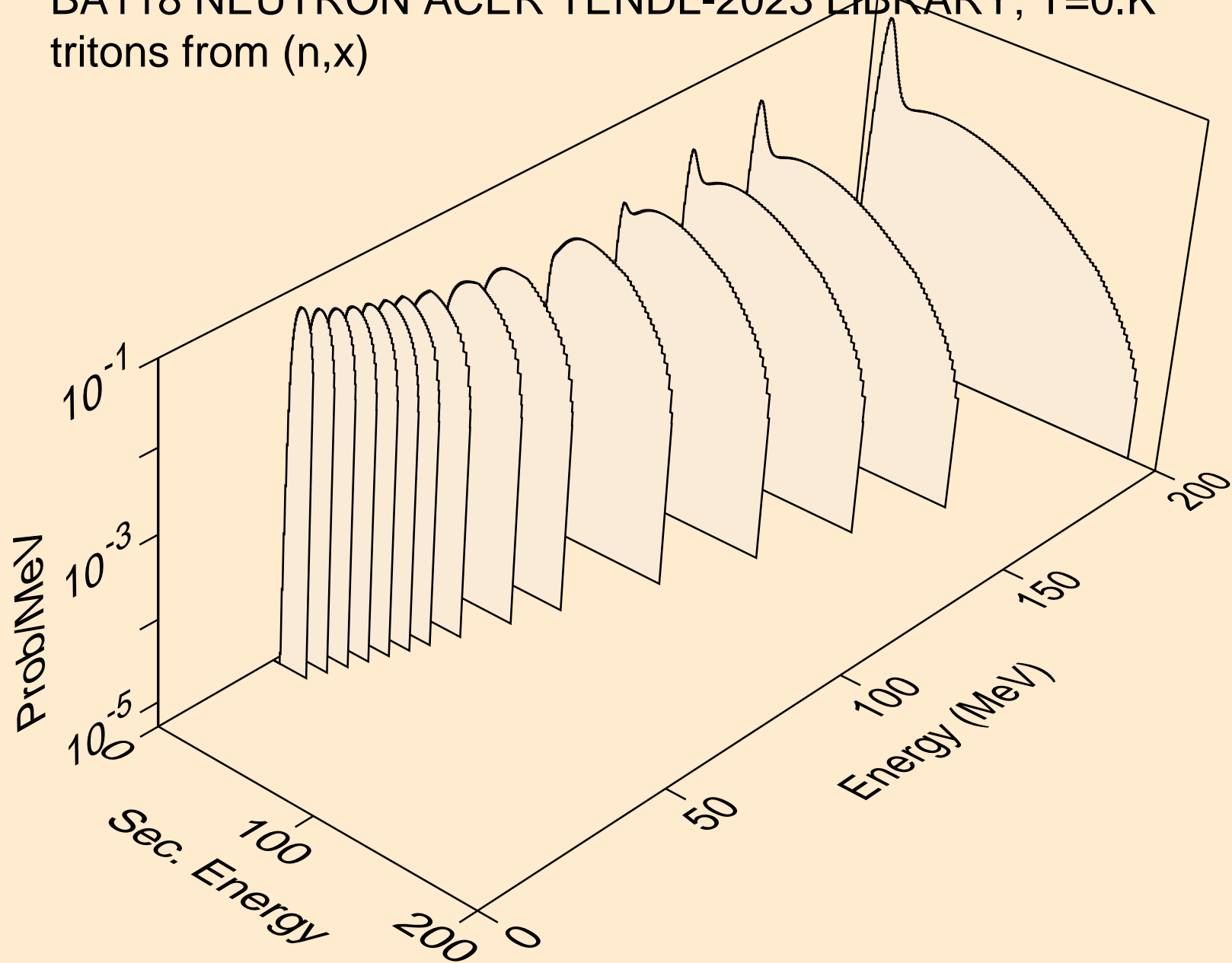
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deuterons from (n,pd)



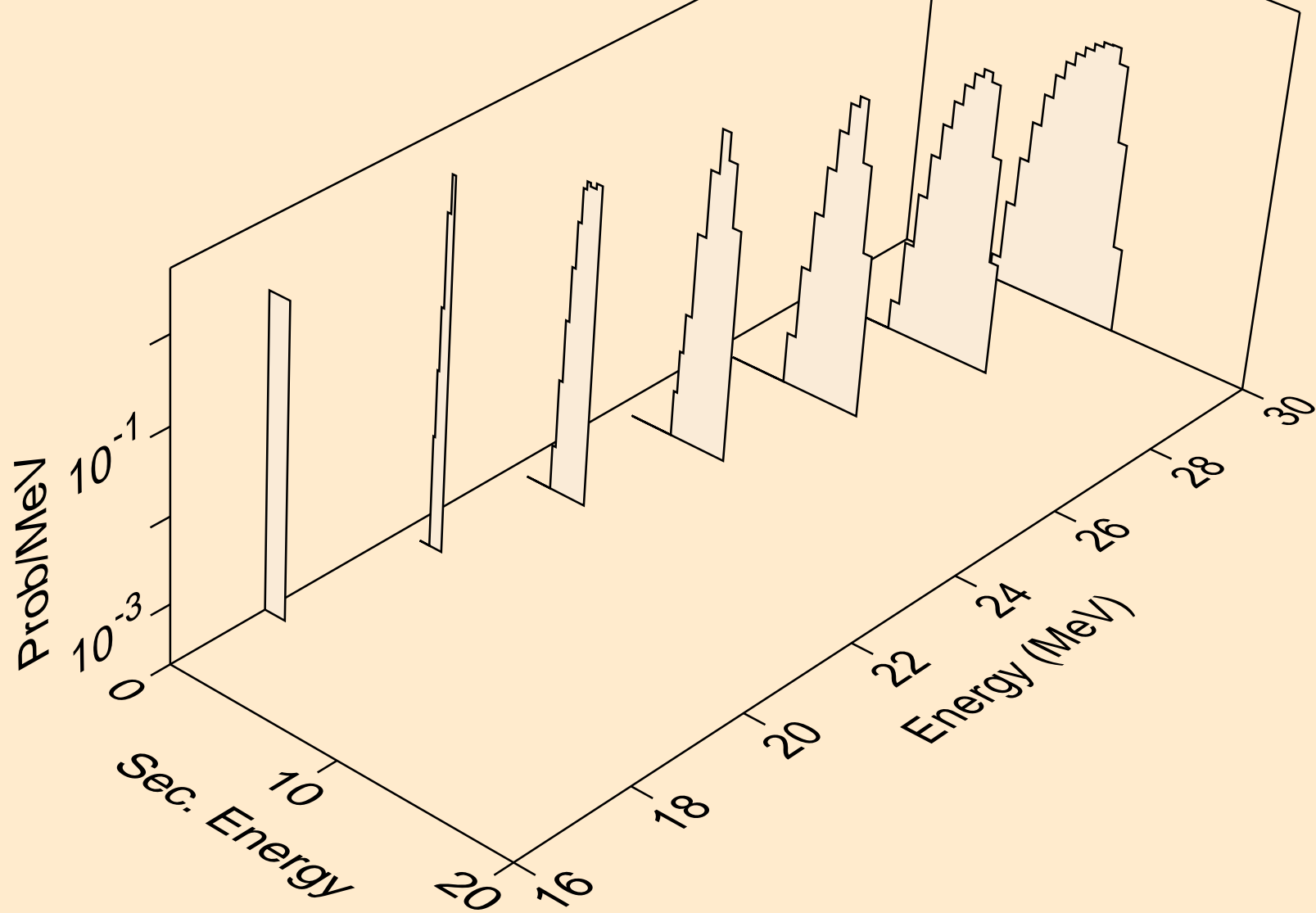
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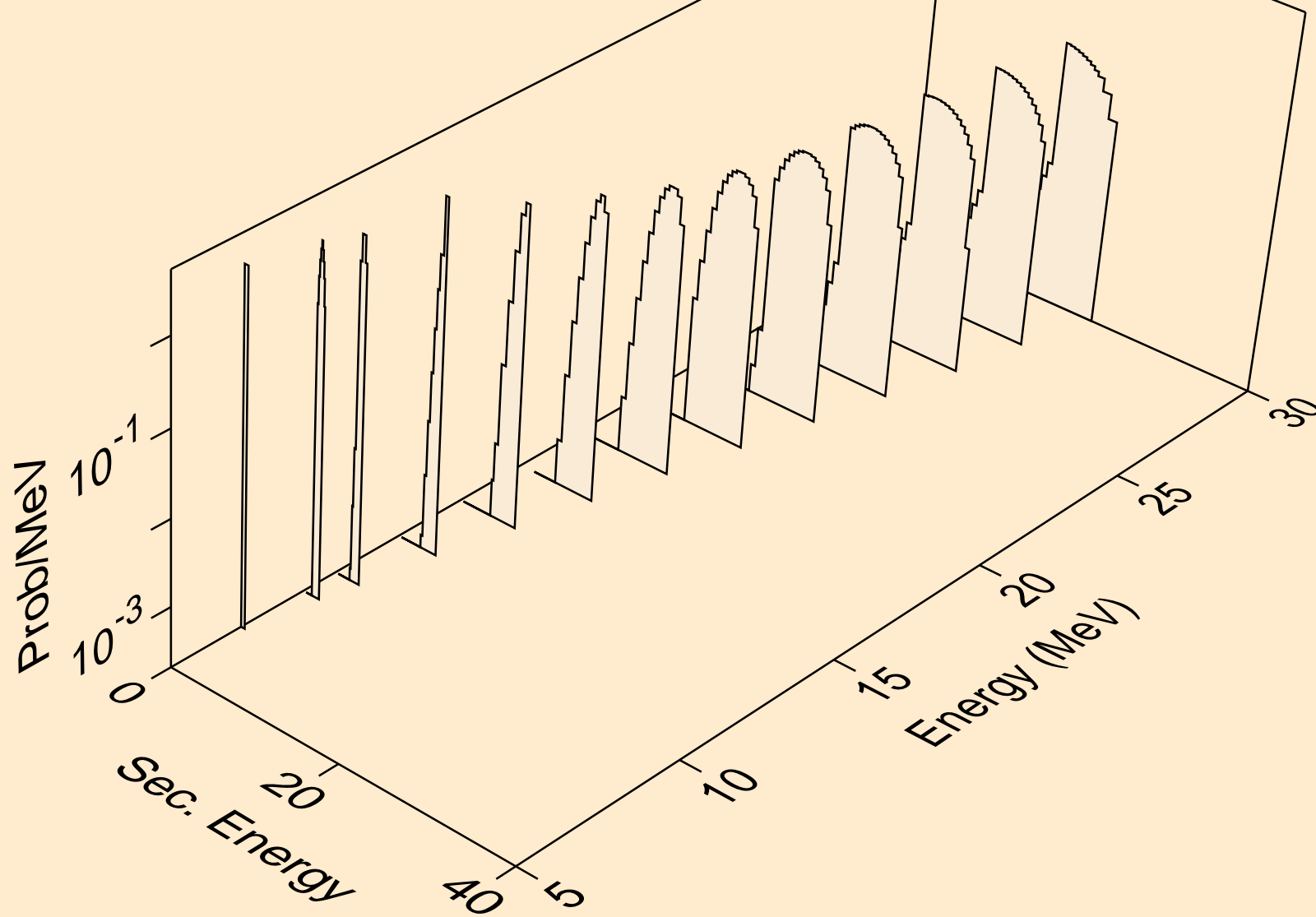
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

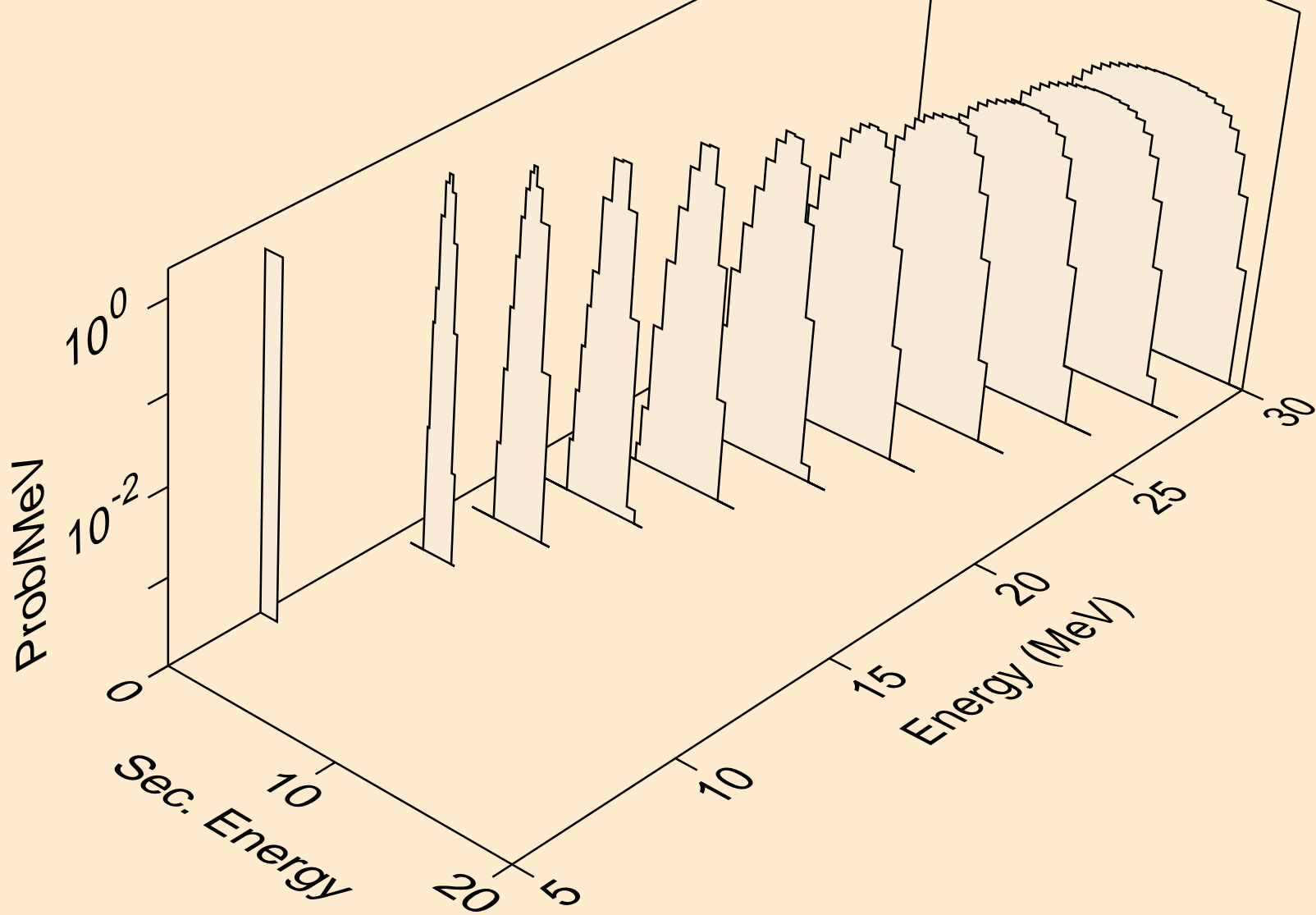


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tritons from (n,t)

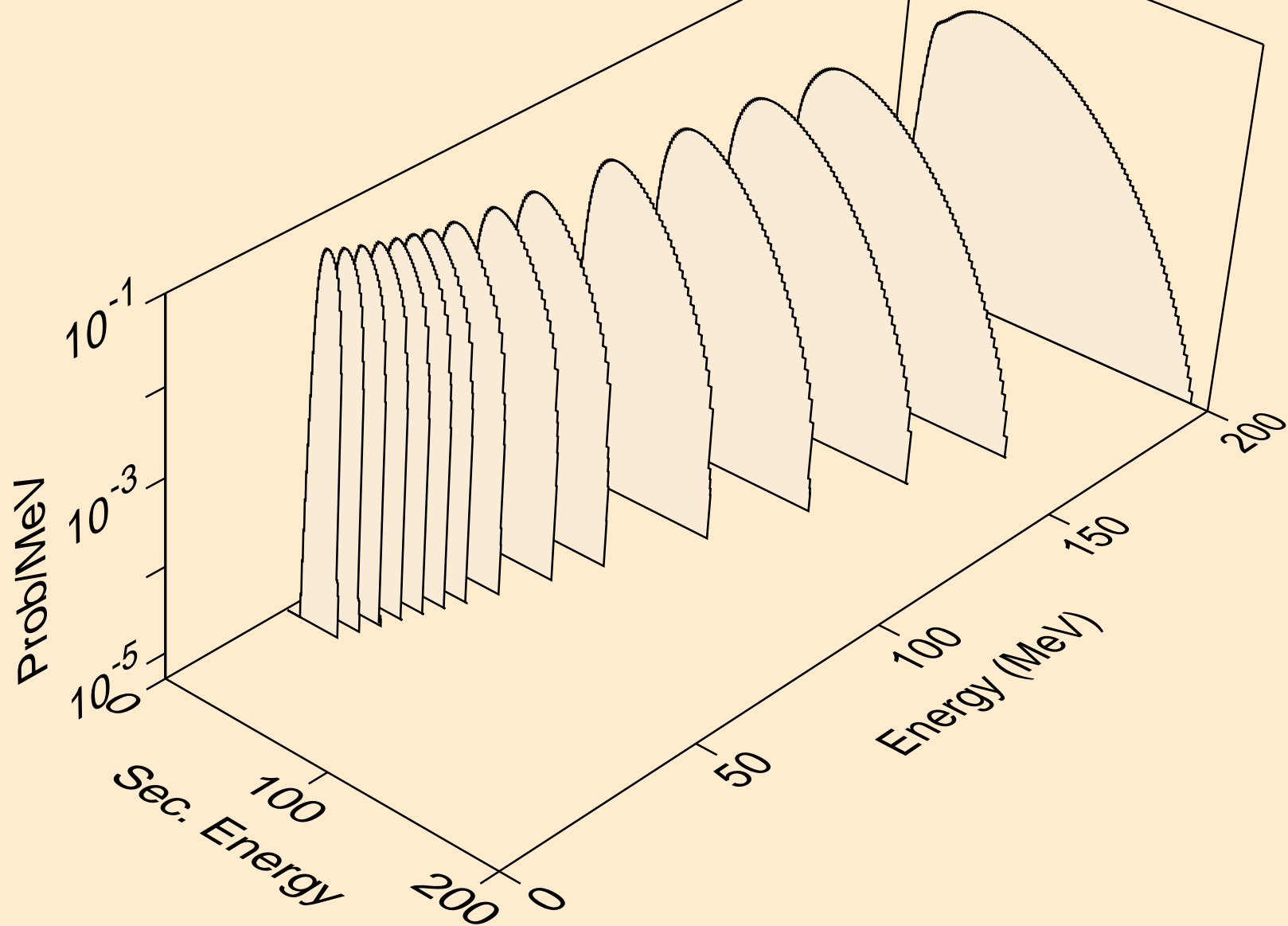




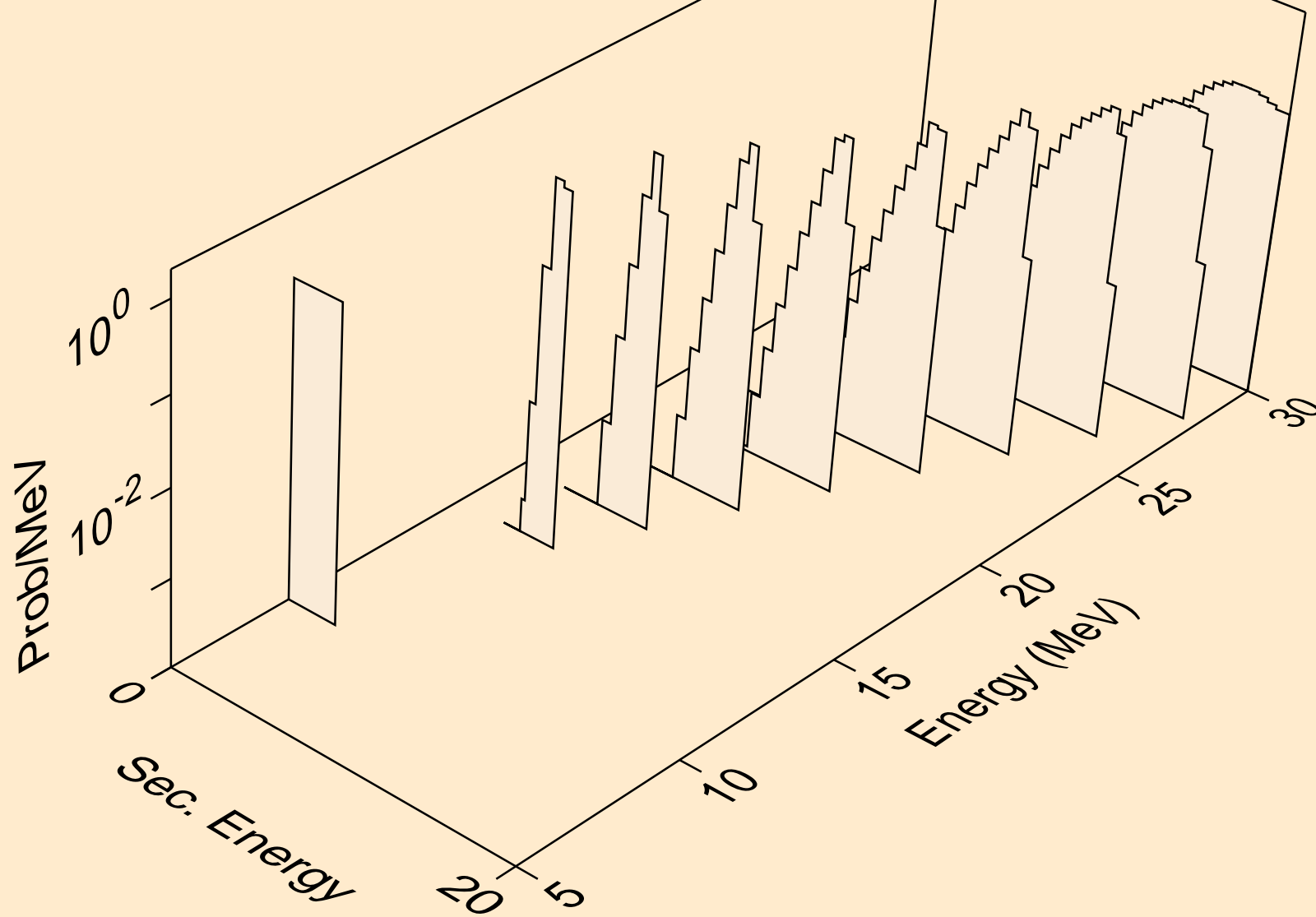
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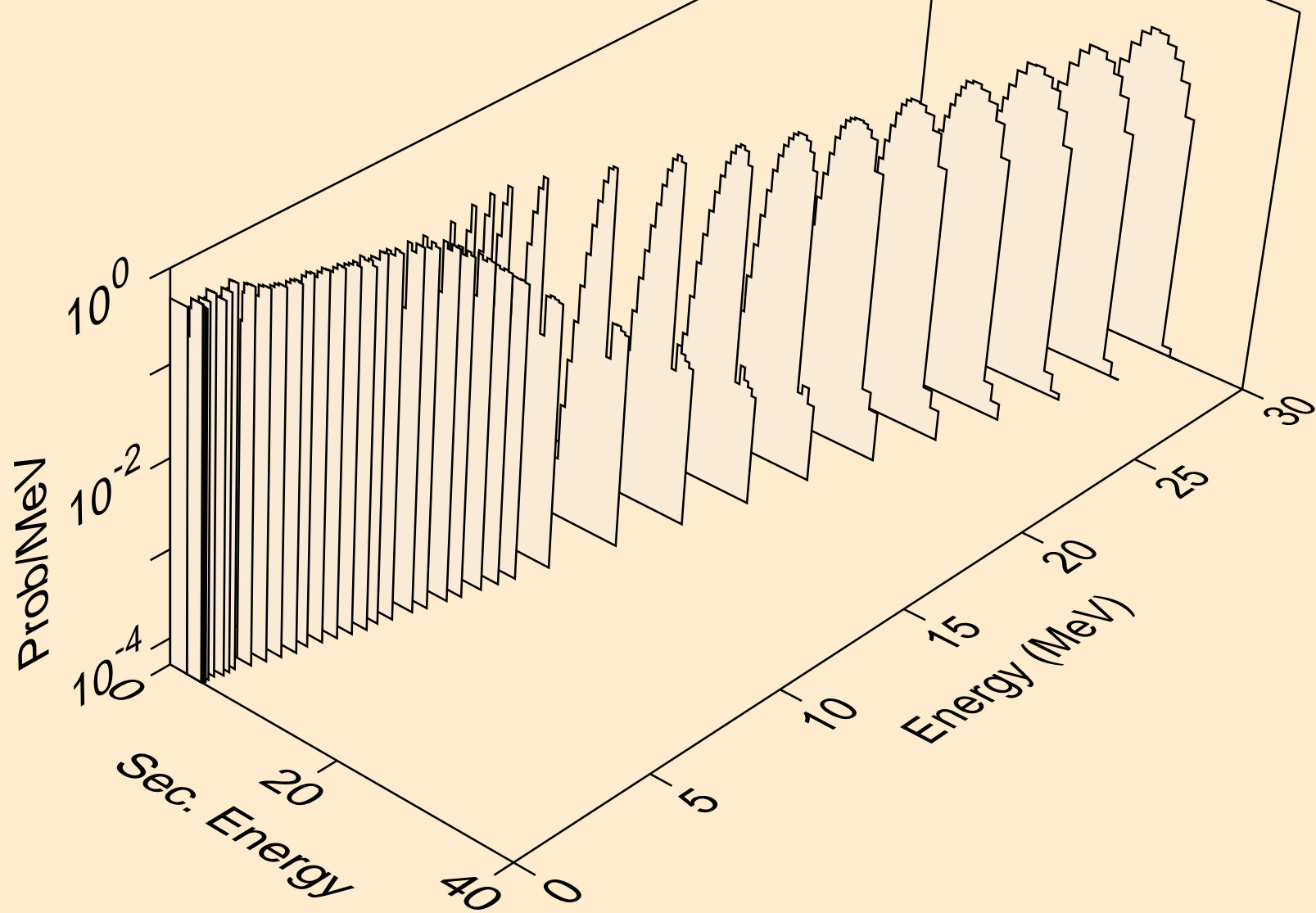
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he3s from (n,x)



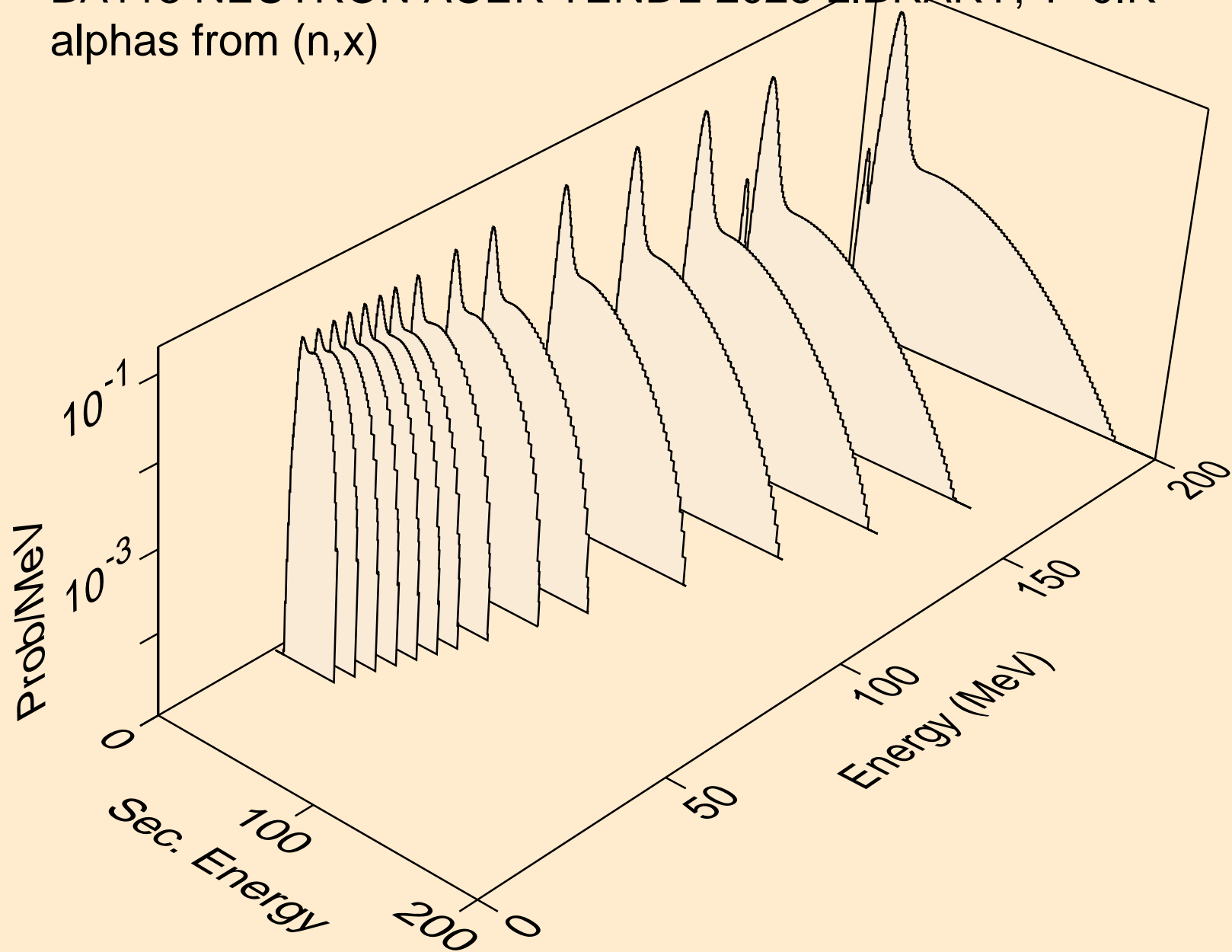
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he3s from (n,n\*)he3



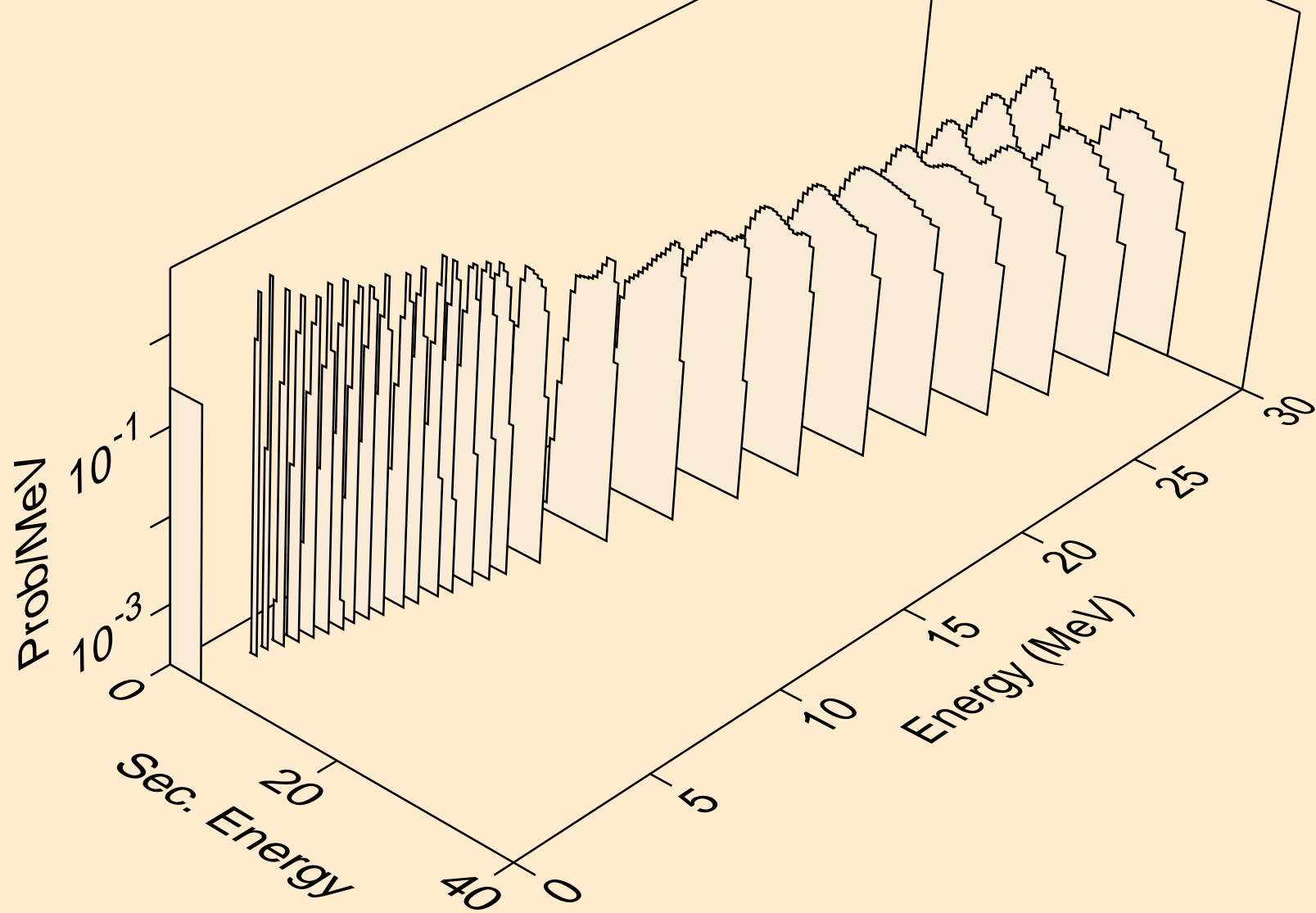
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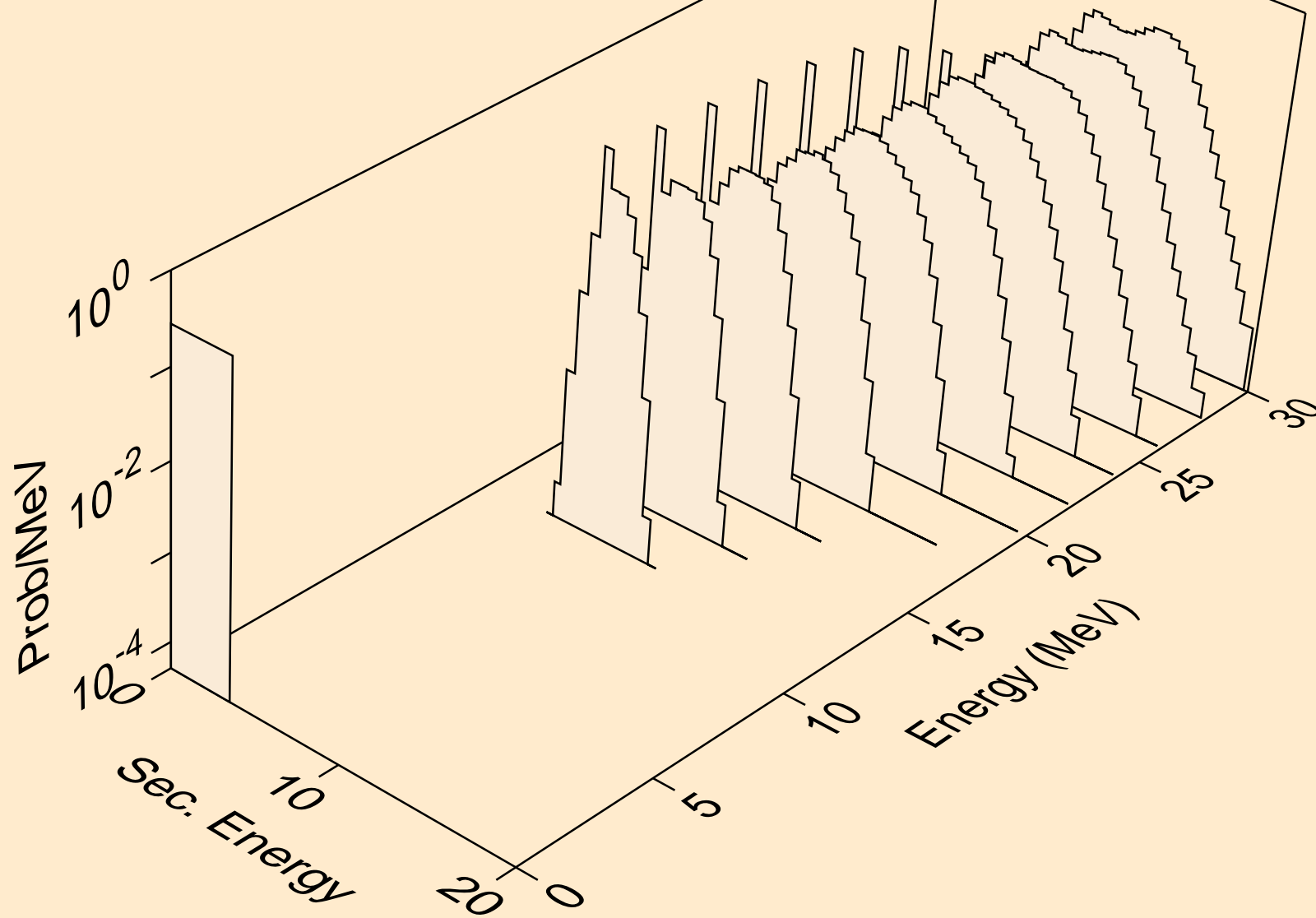
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



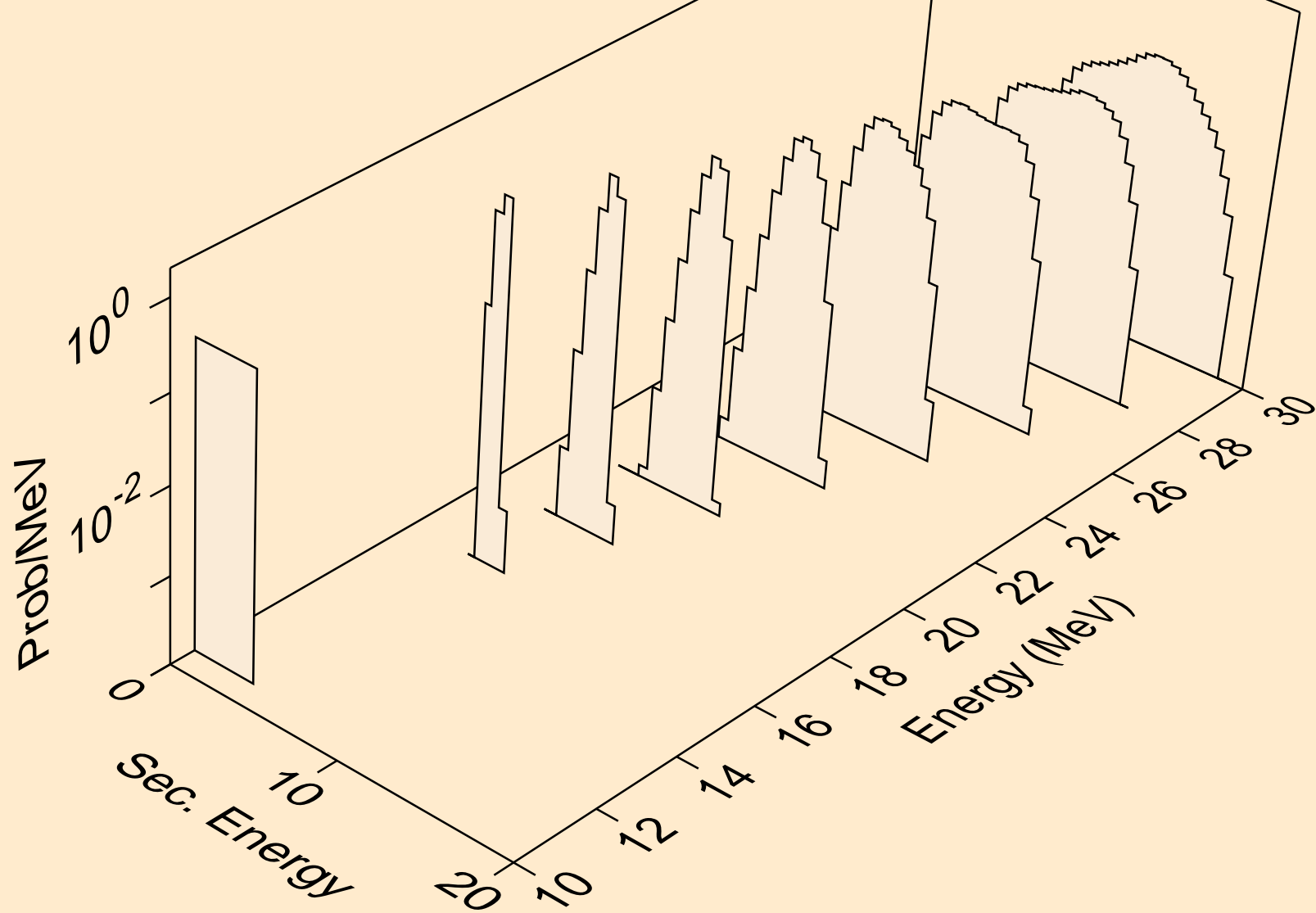
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)3a

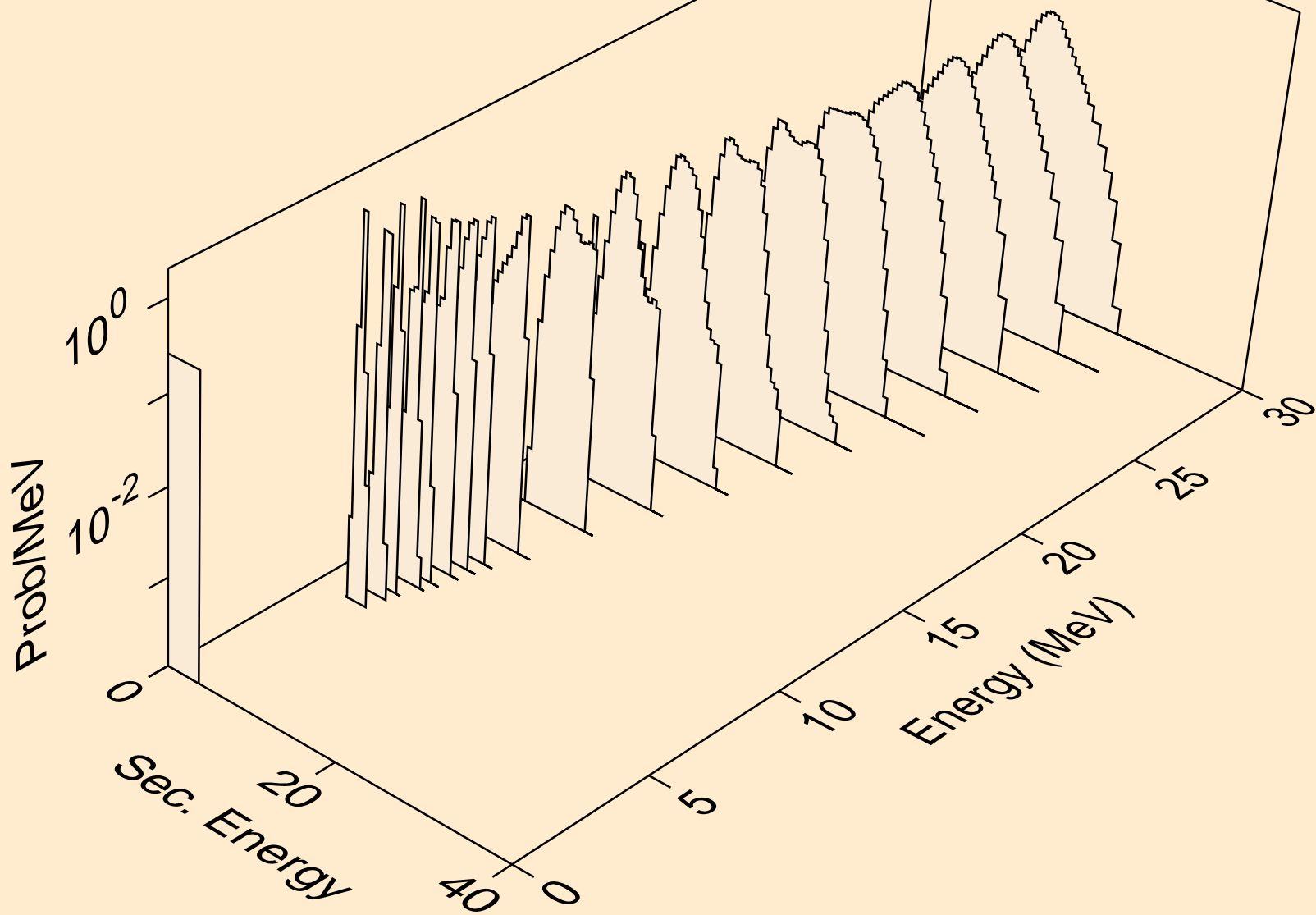


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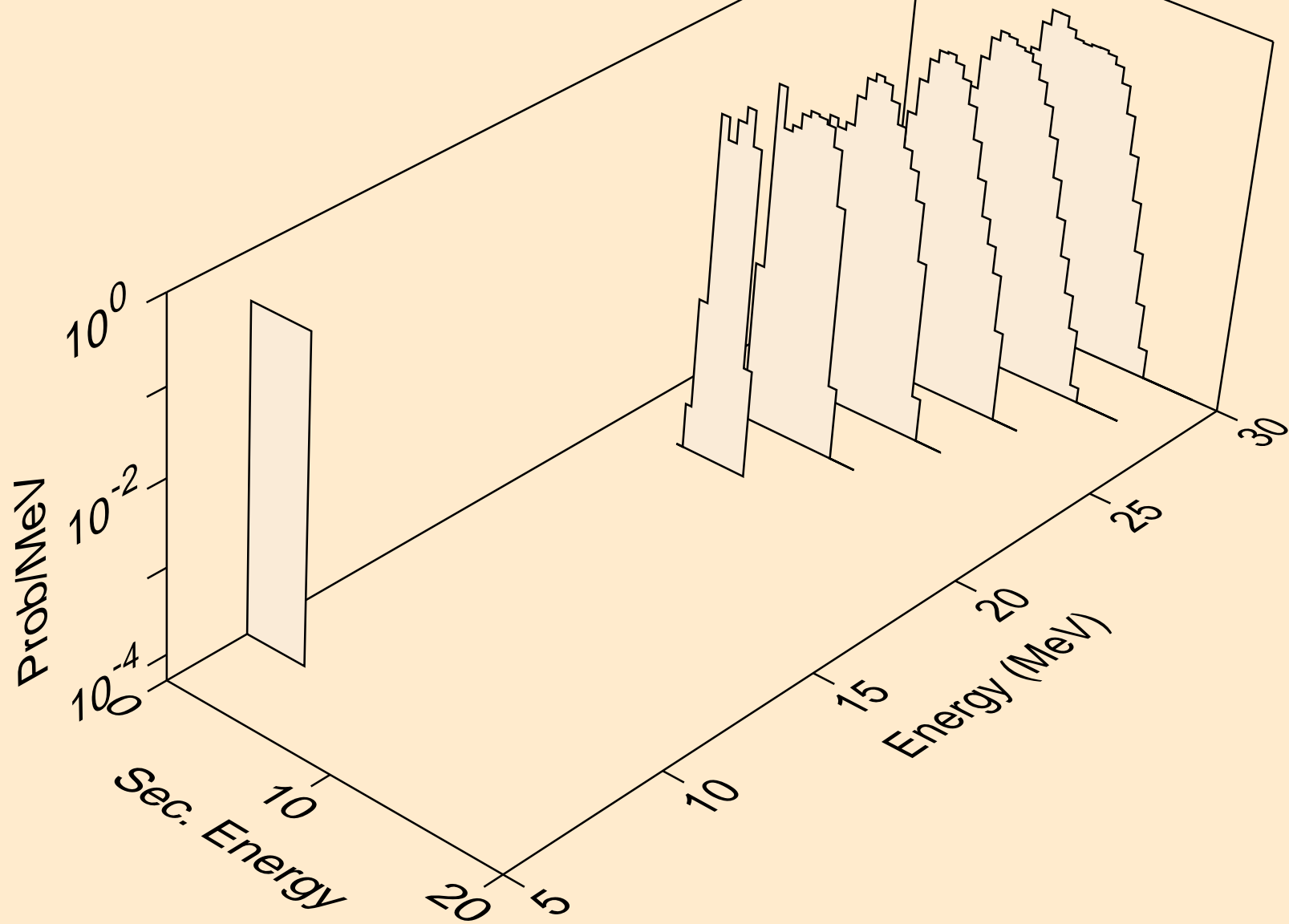




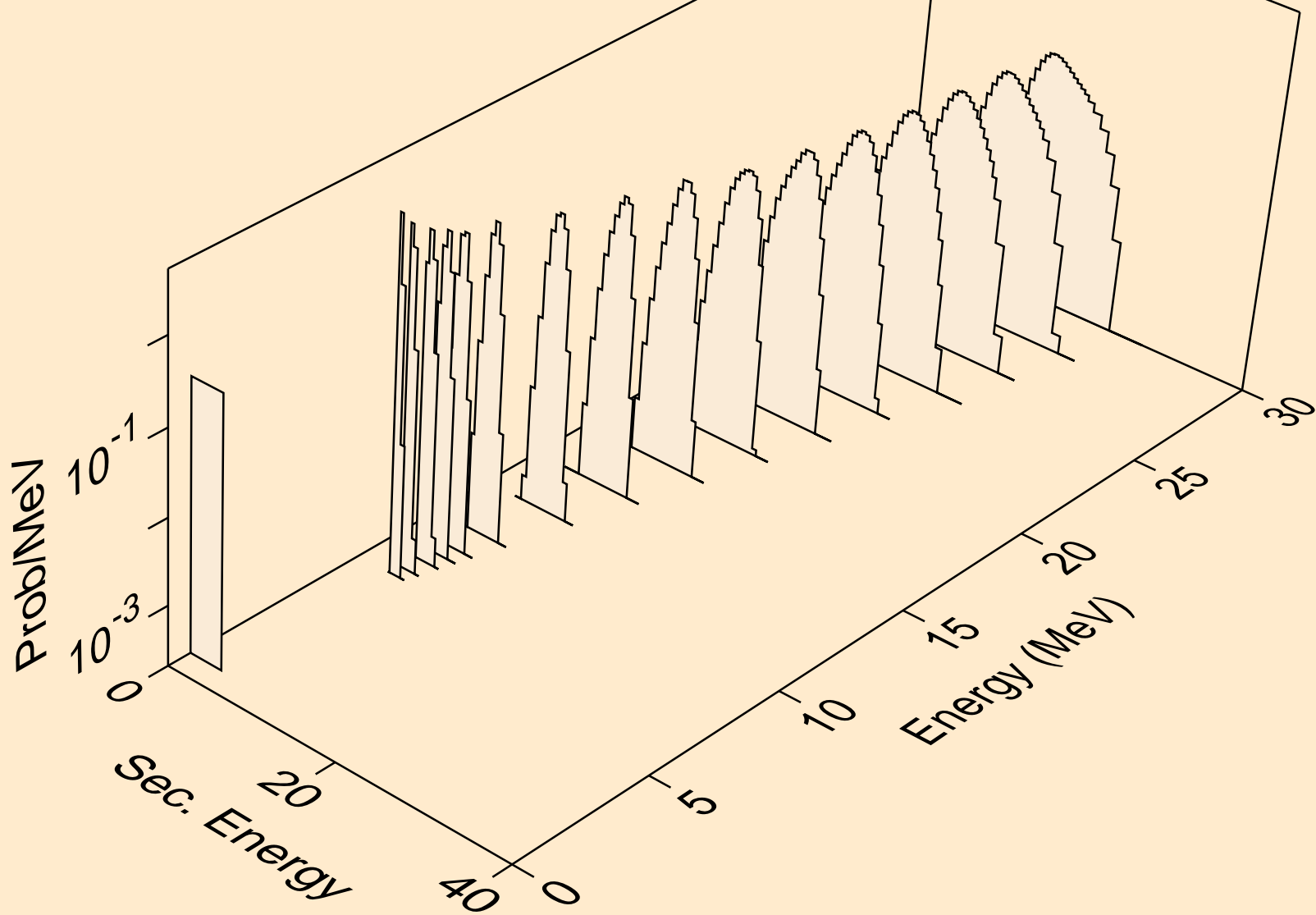
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alphas from (n,n\*)2a



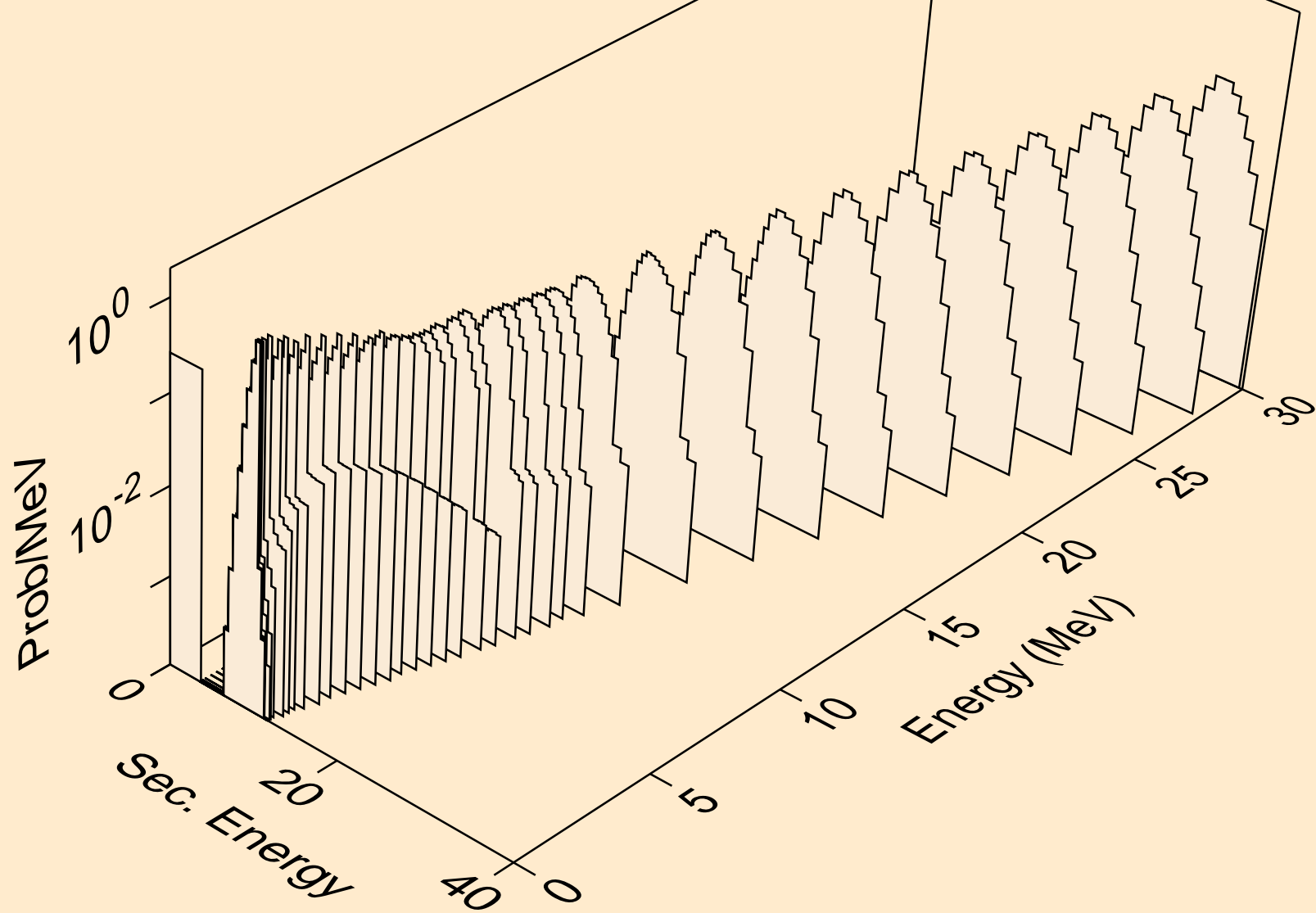
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



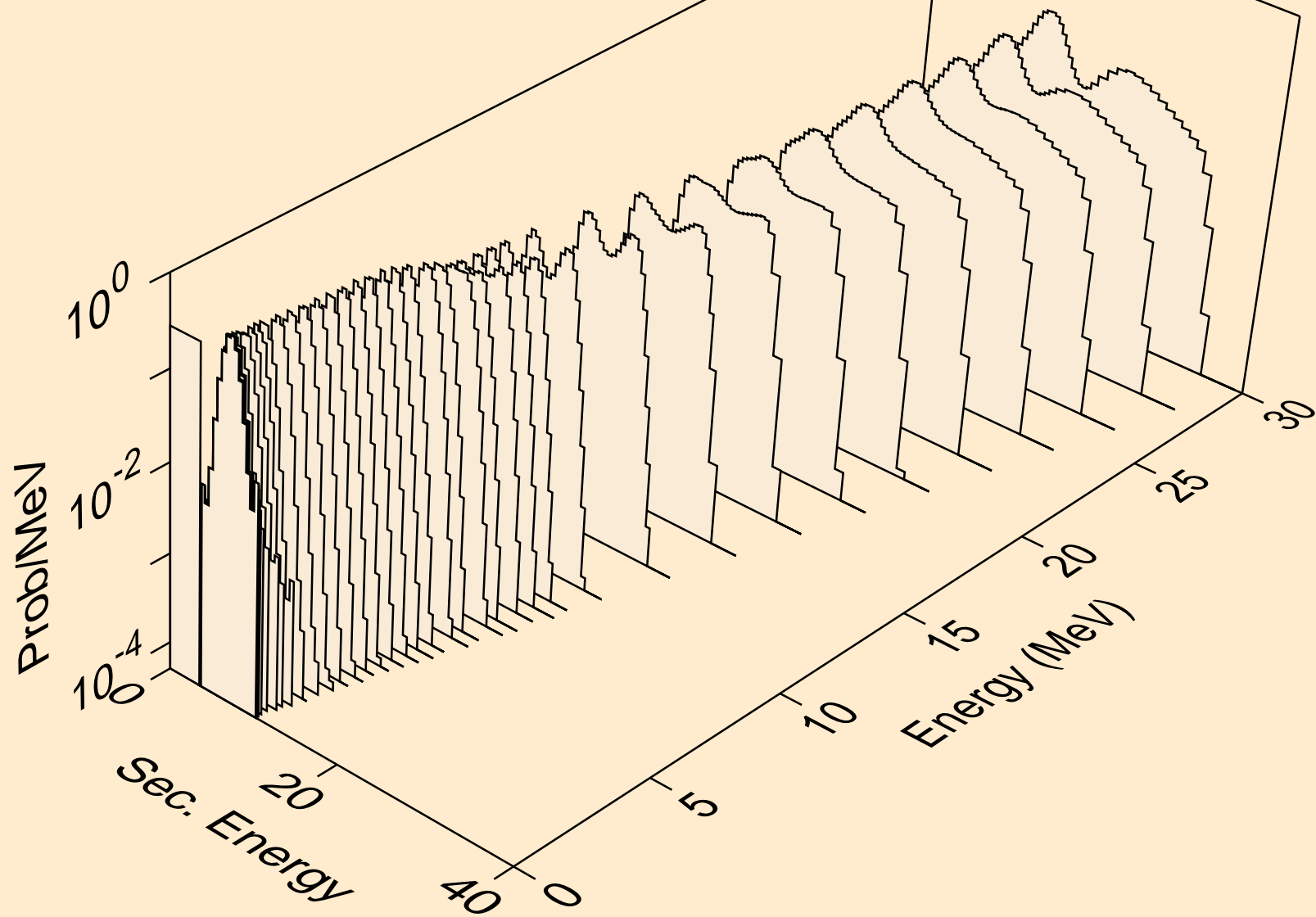
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alphas from (n,npa)



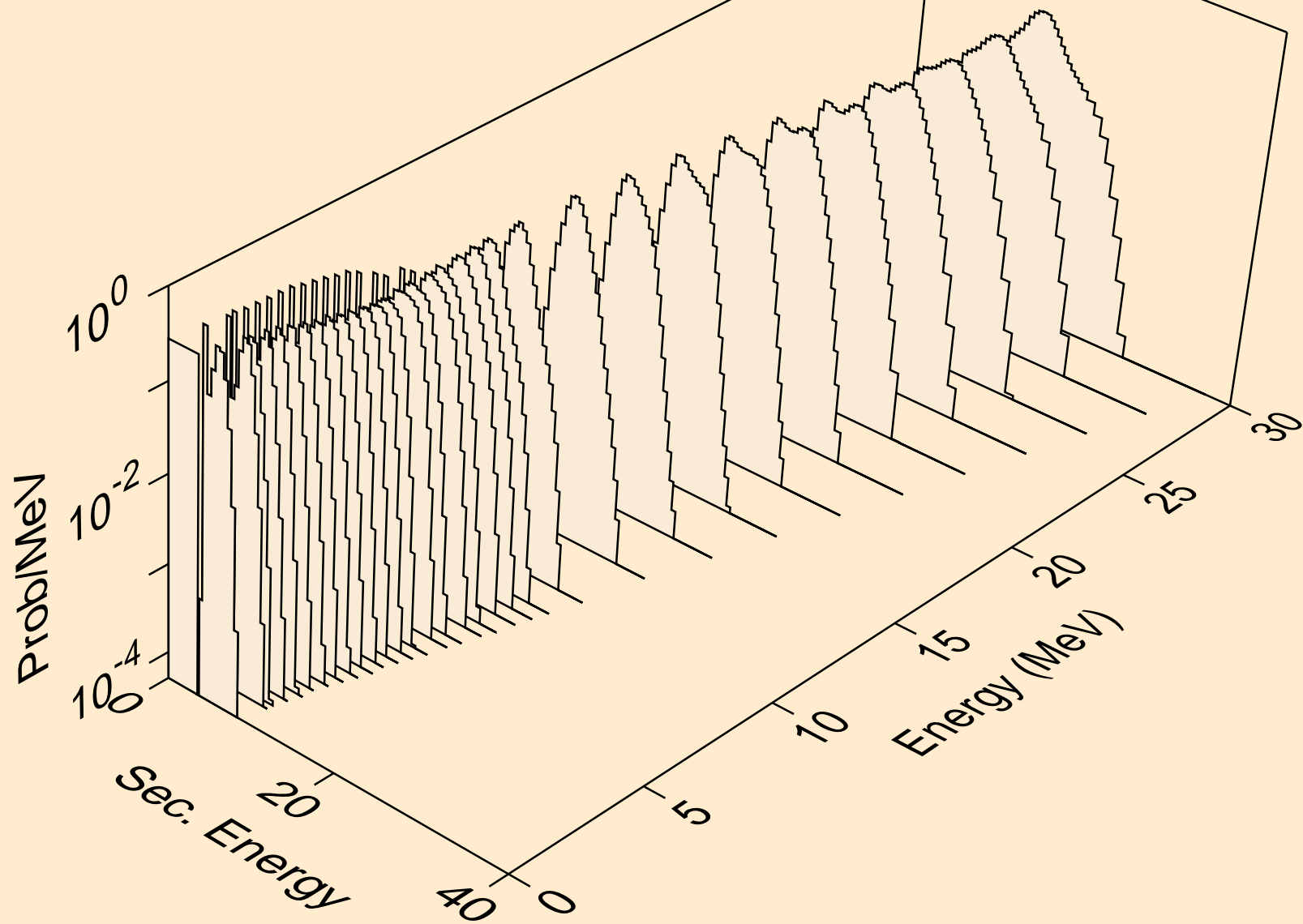
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alphas from (n,a)



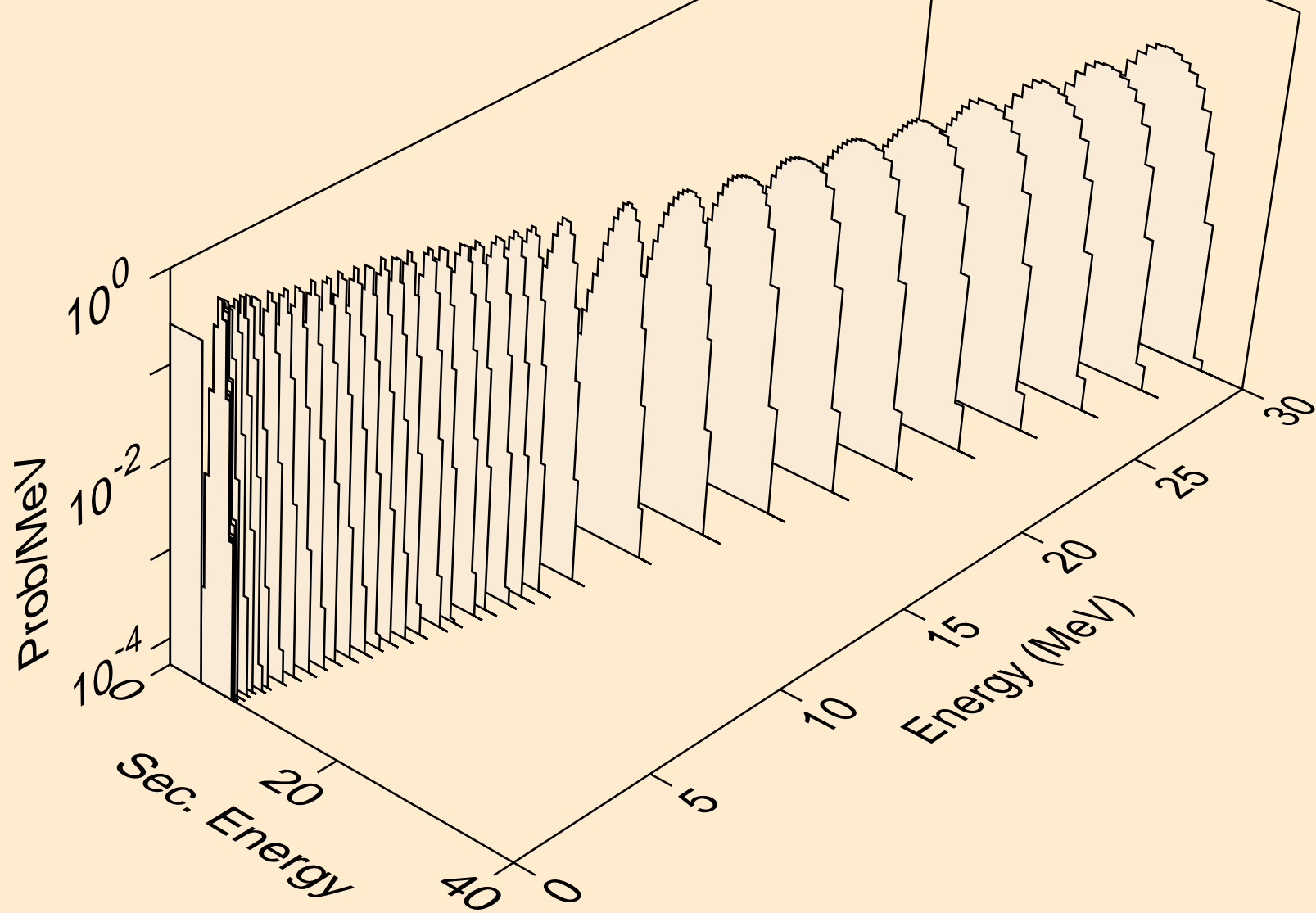
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



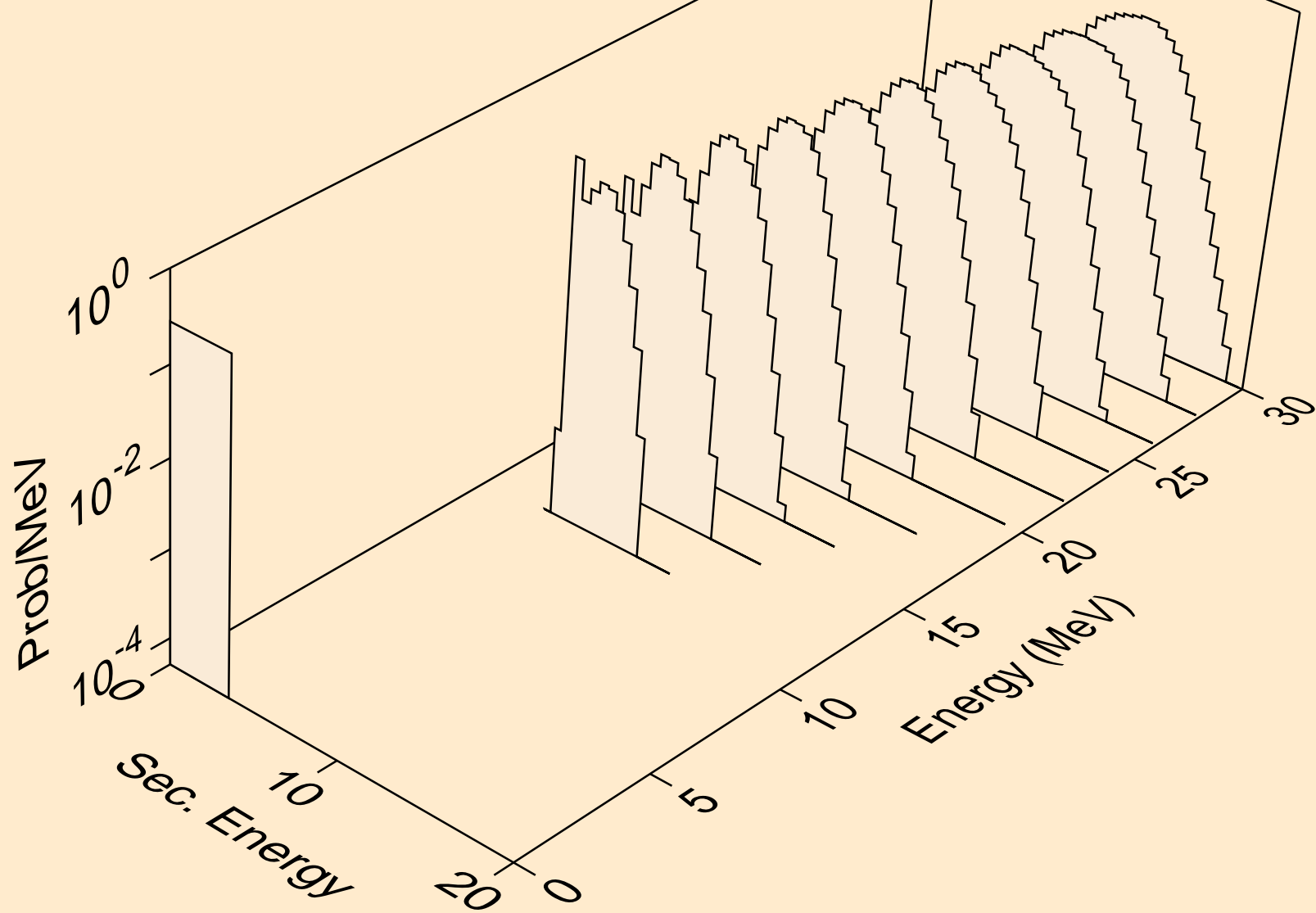
BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)





BA118 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

