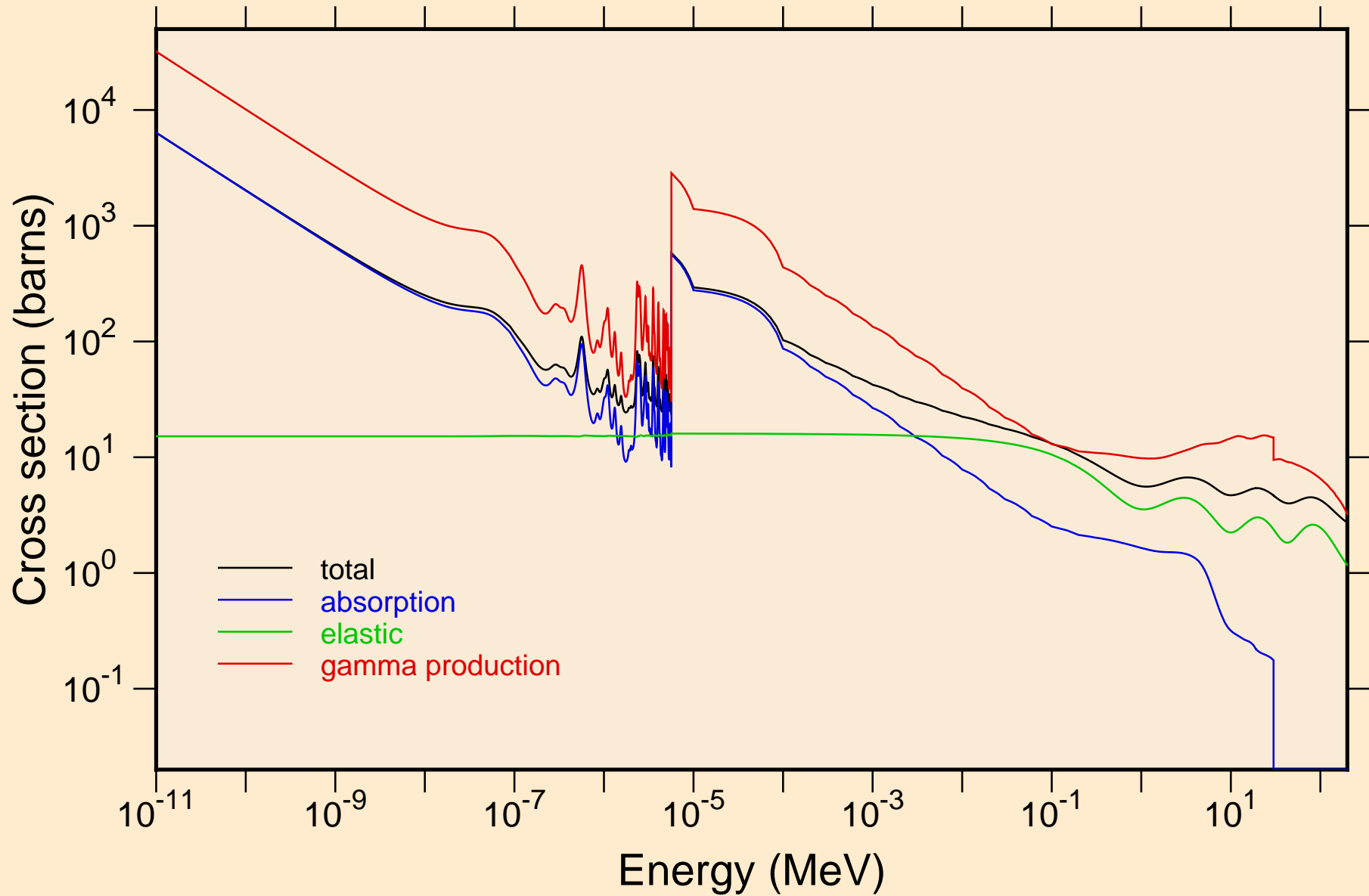
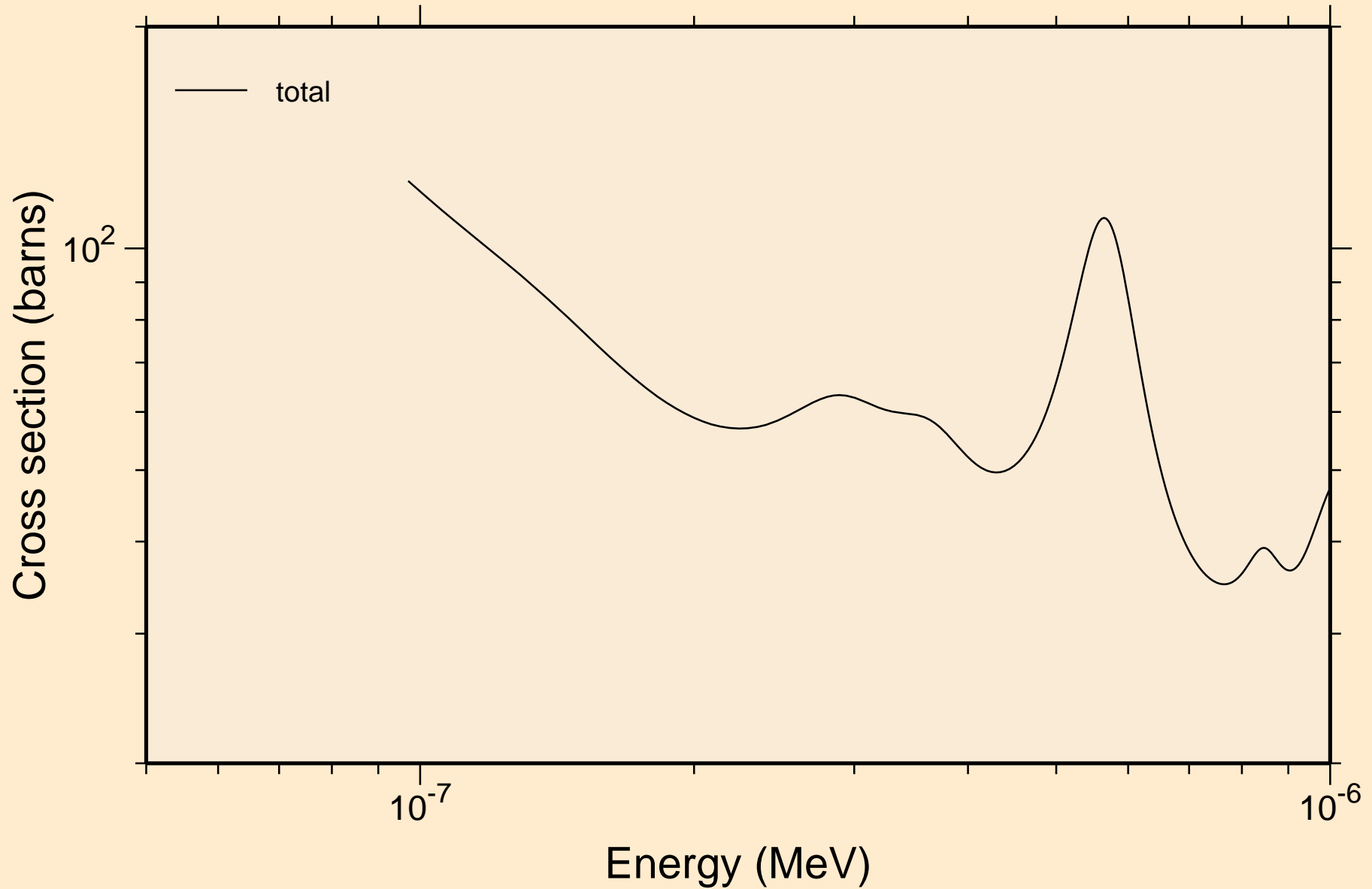


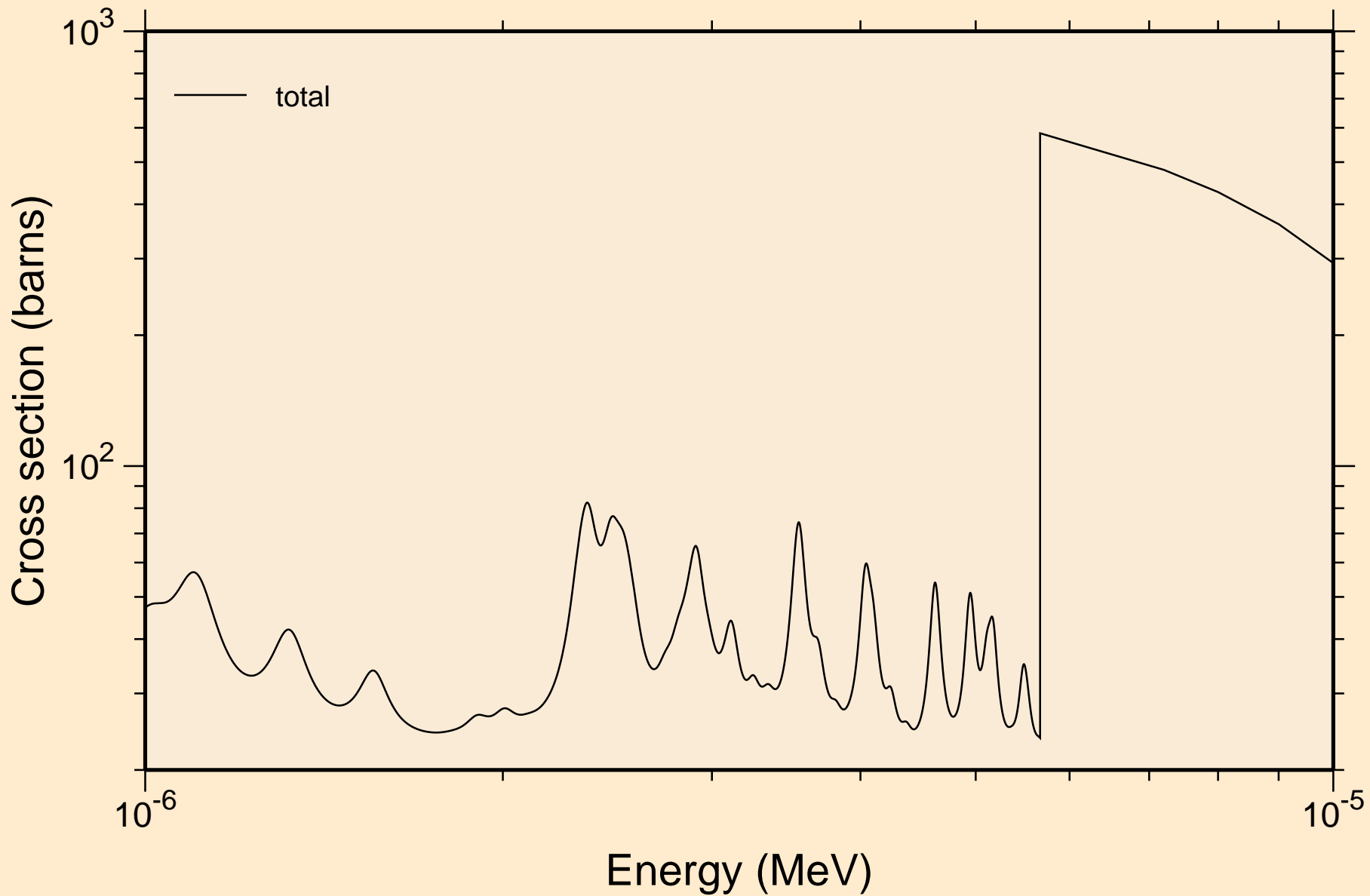
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



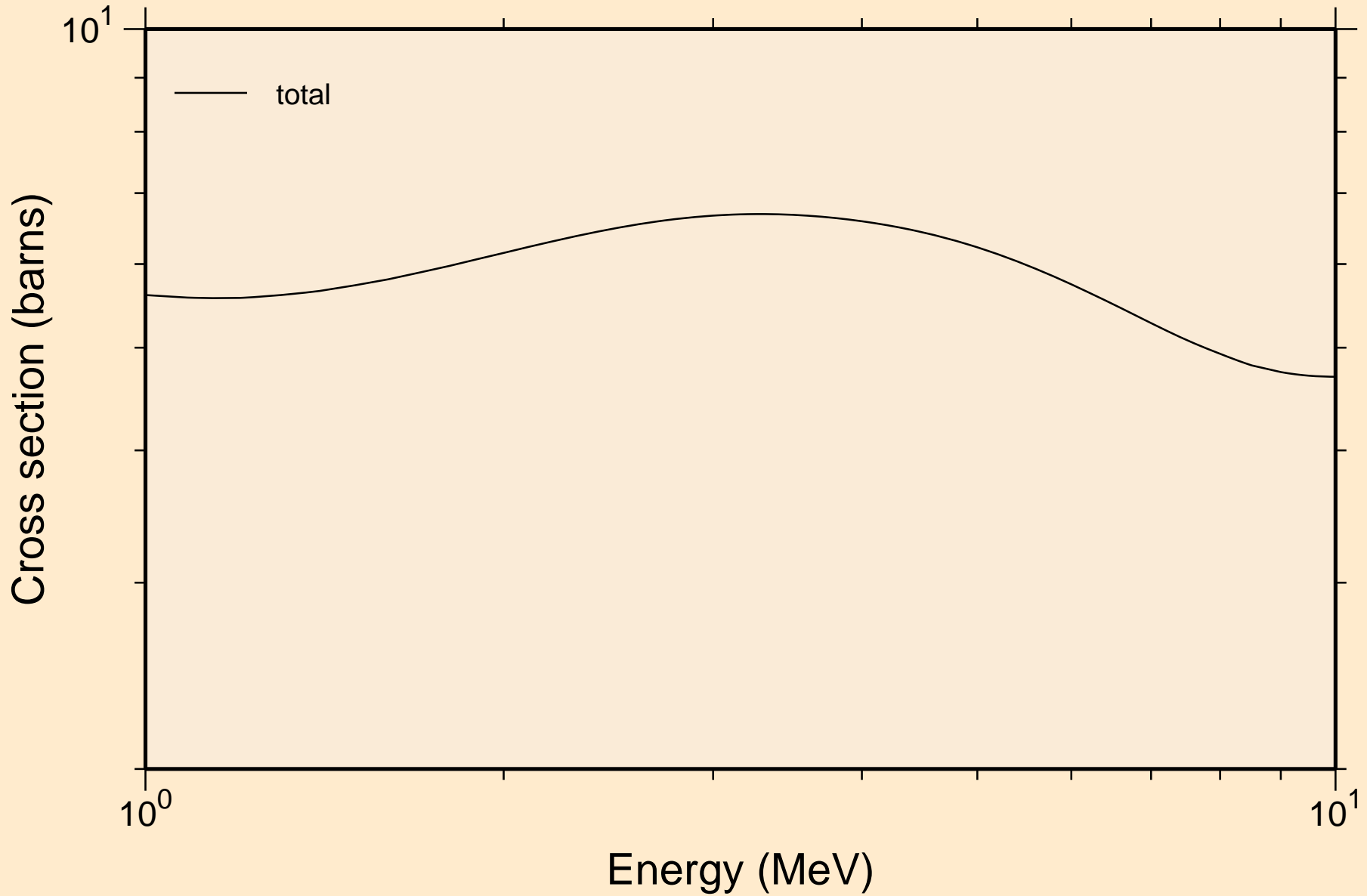
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resonance total cross section



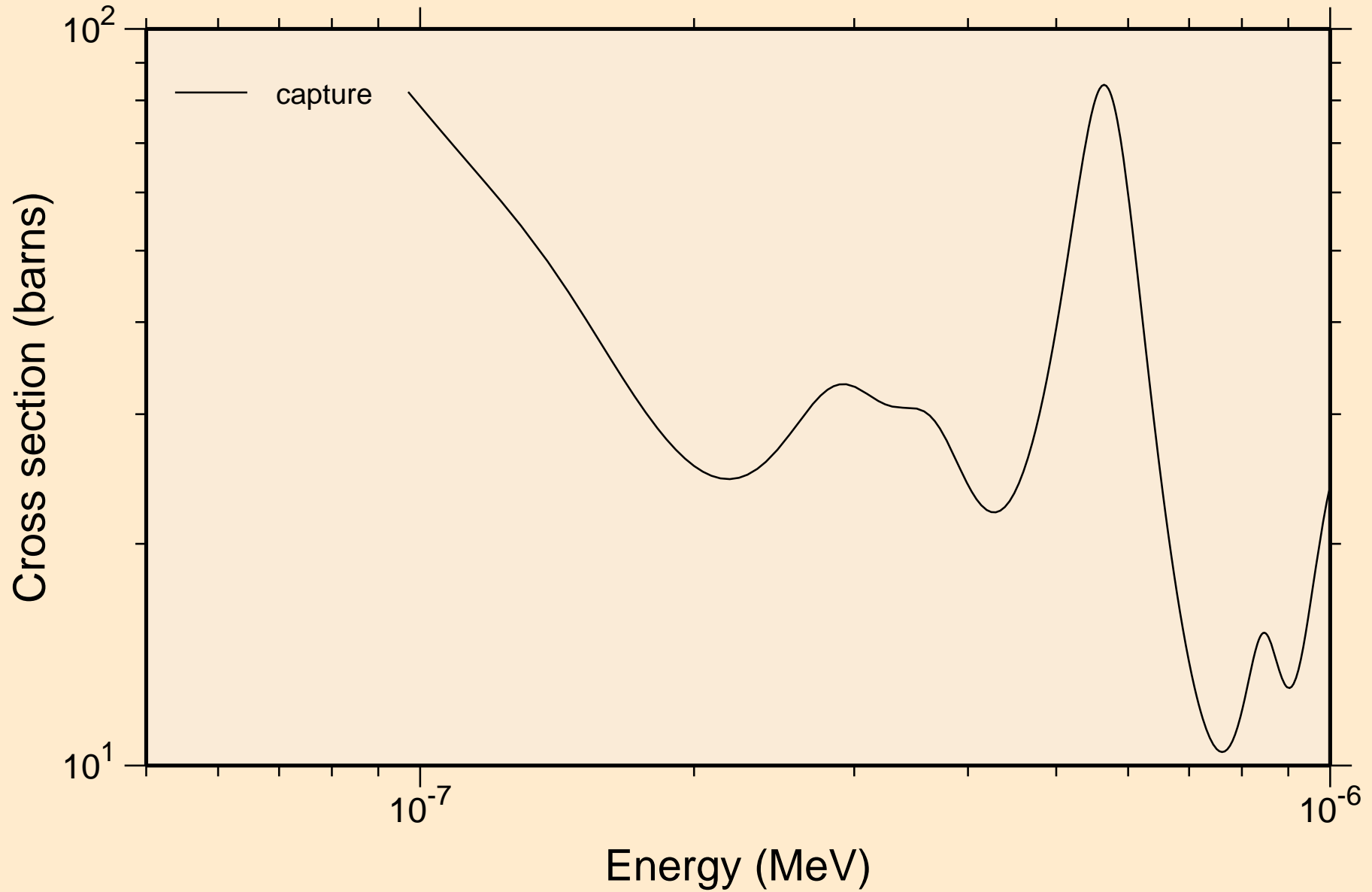
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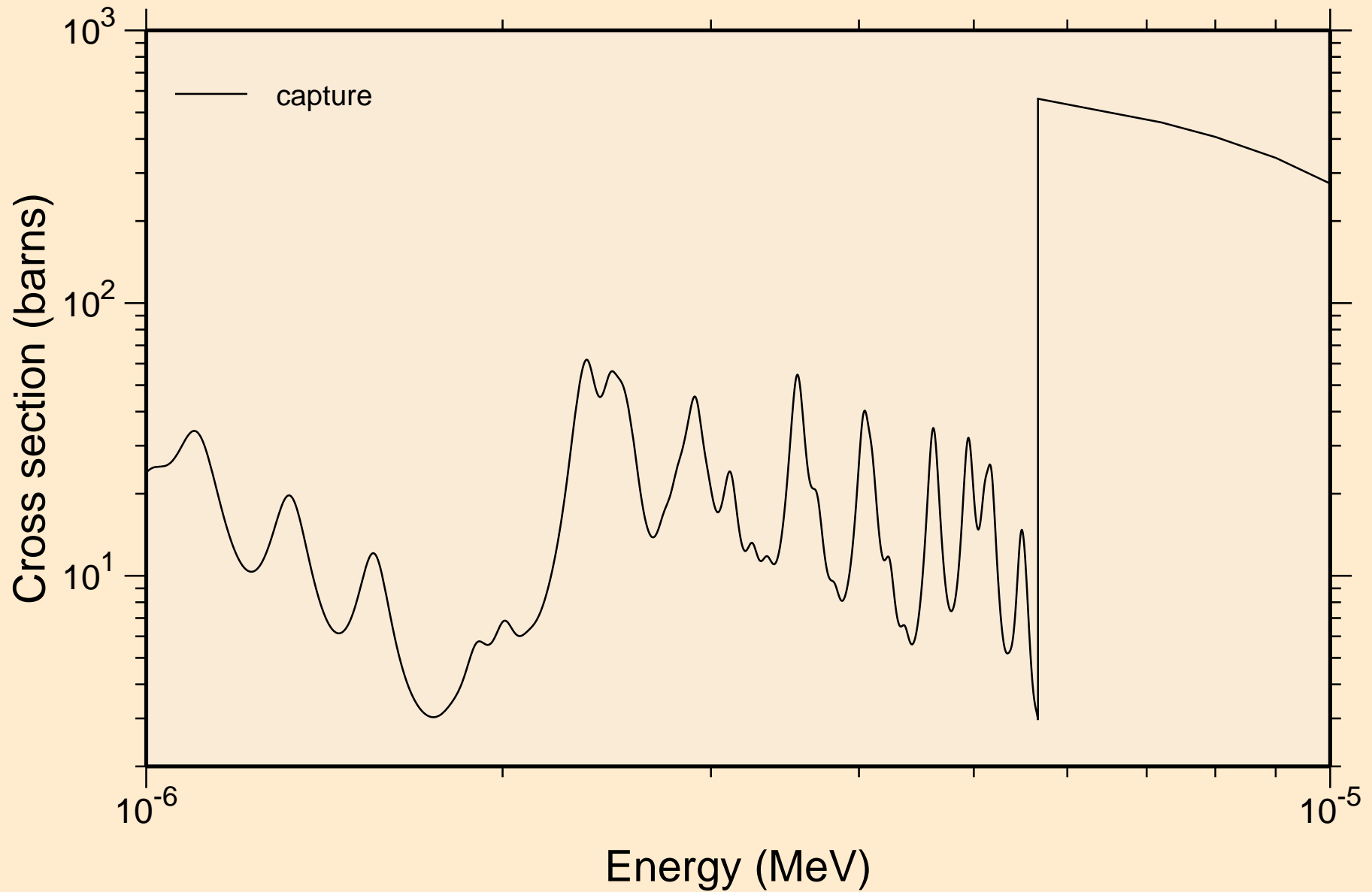
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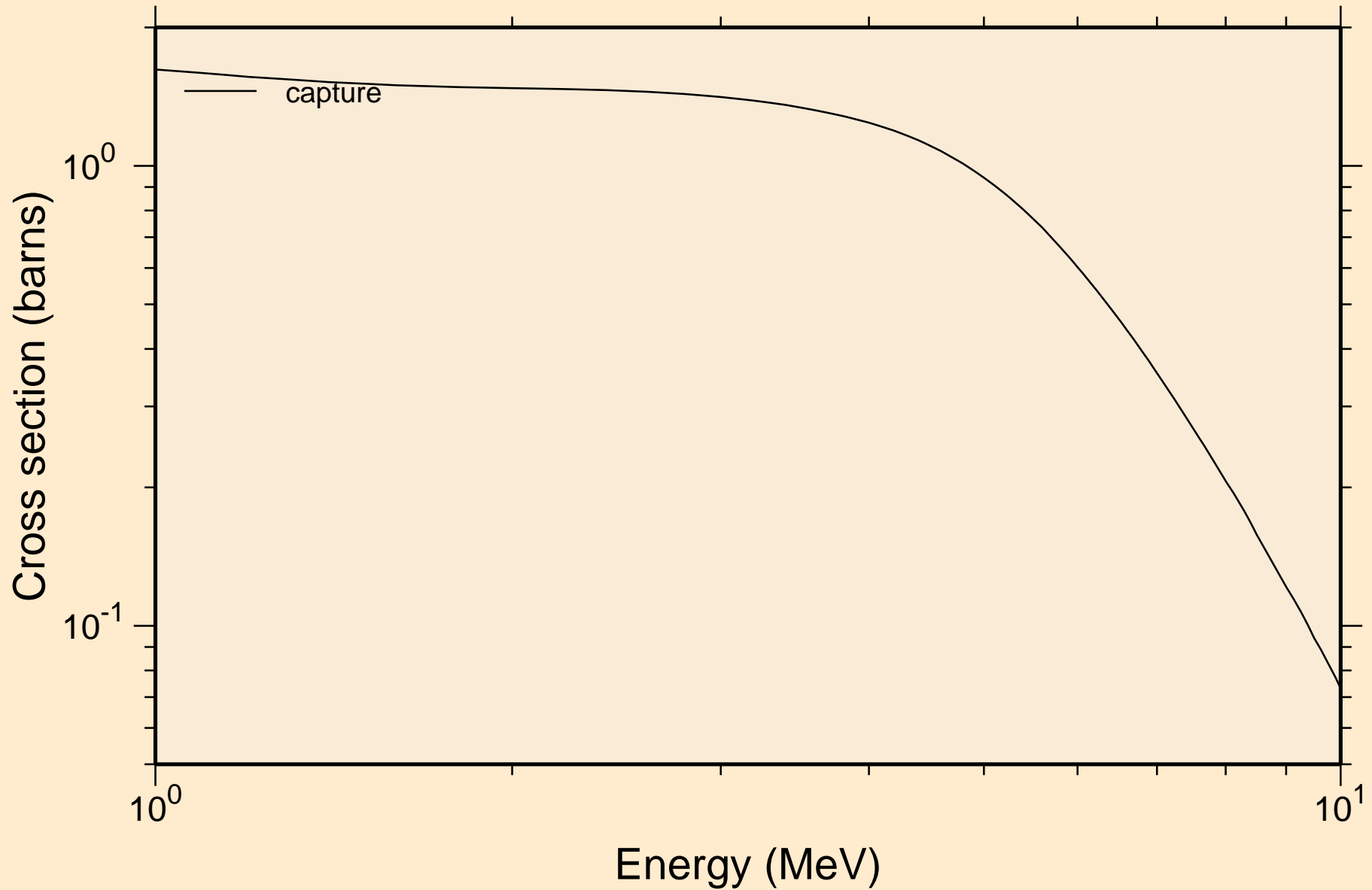
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

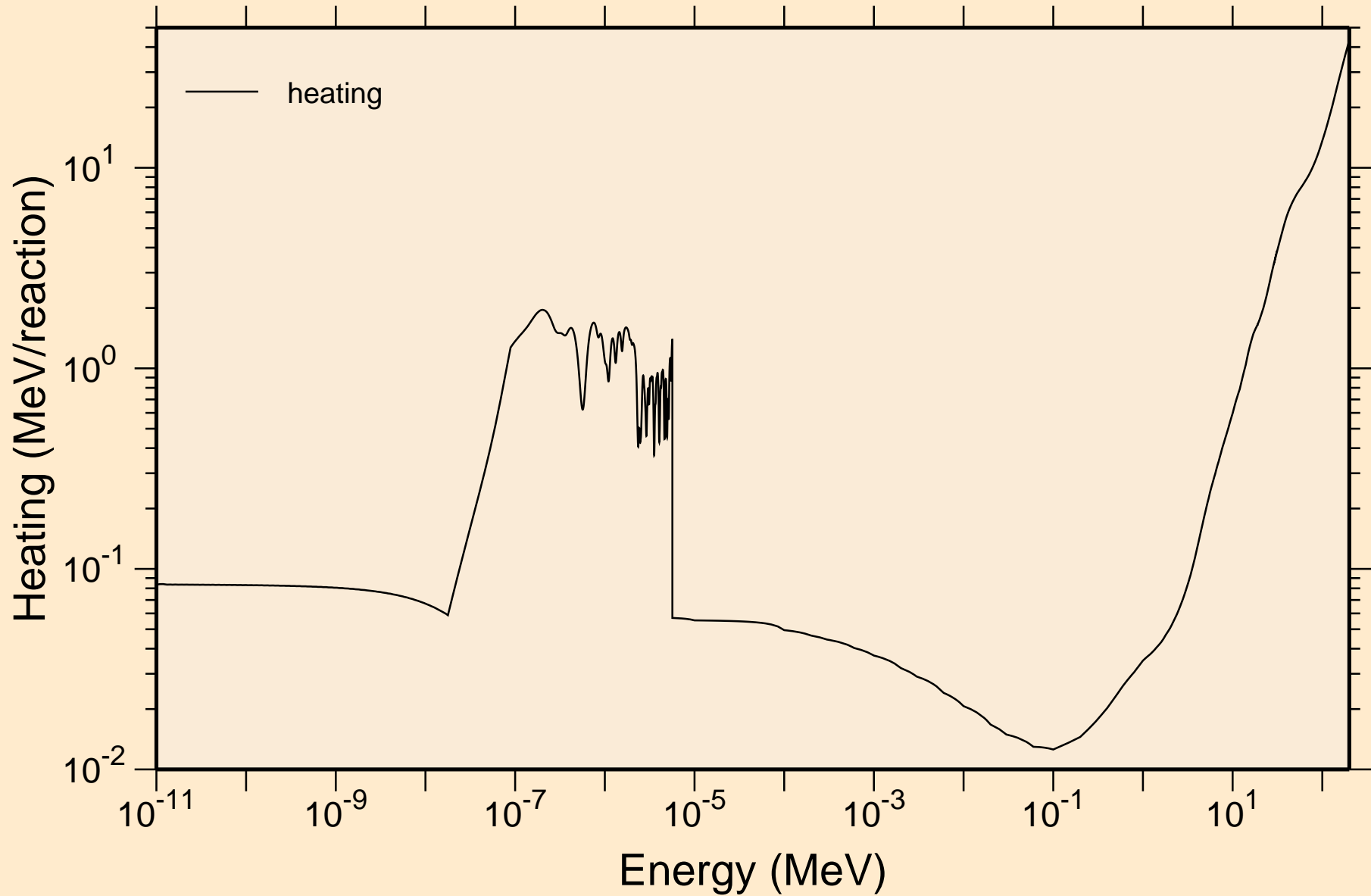


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

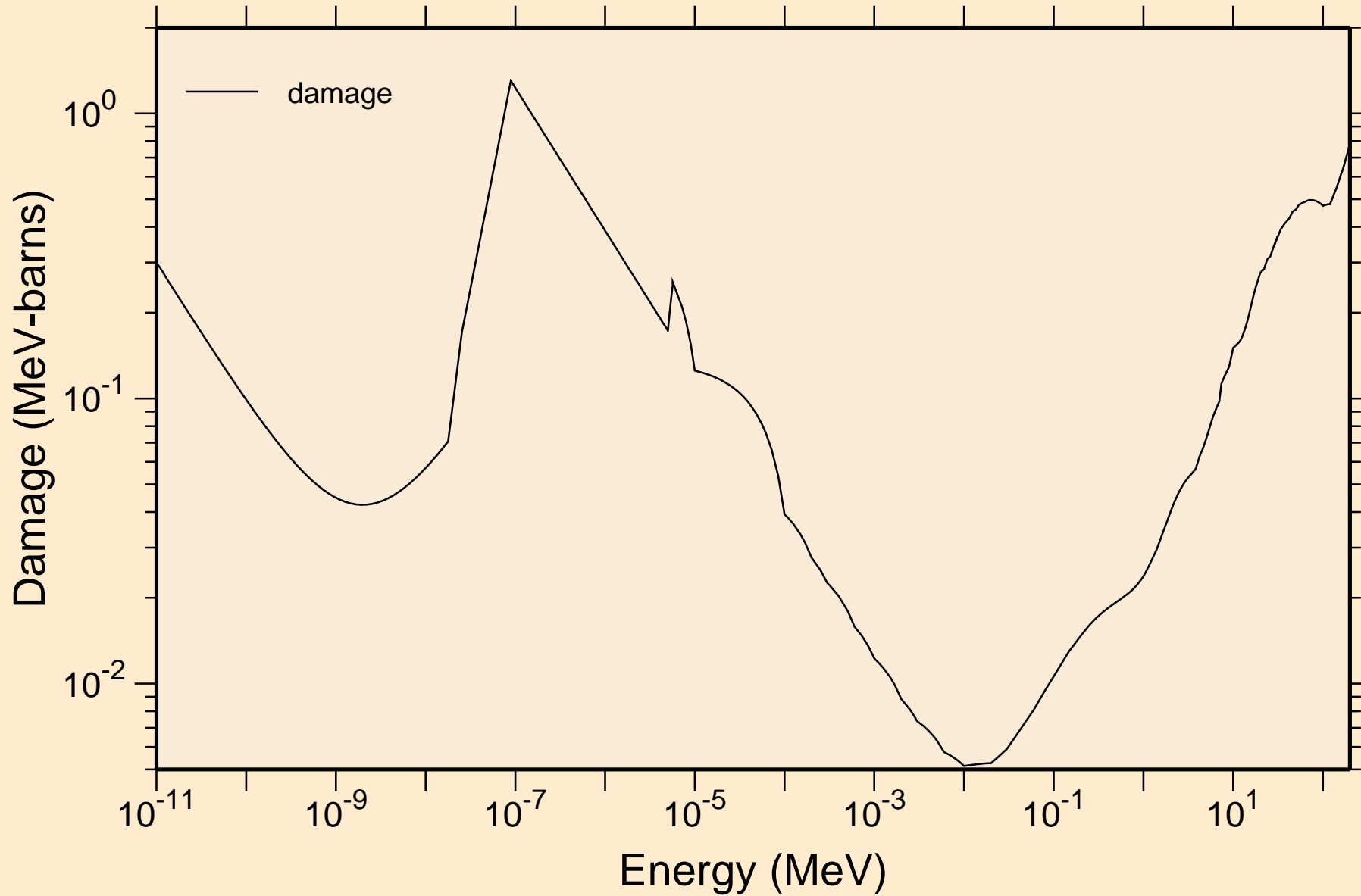
Heating



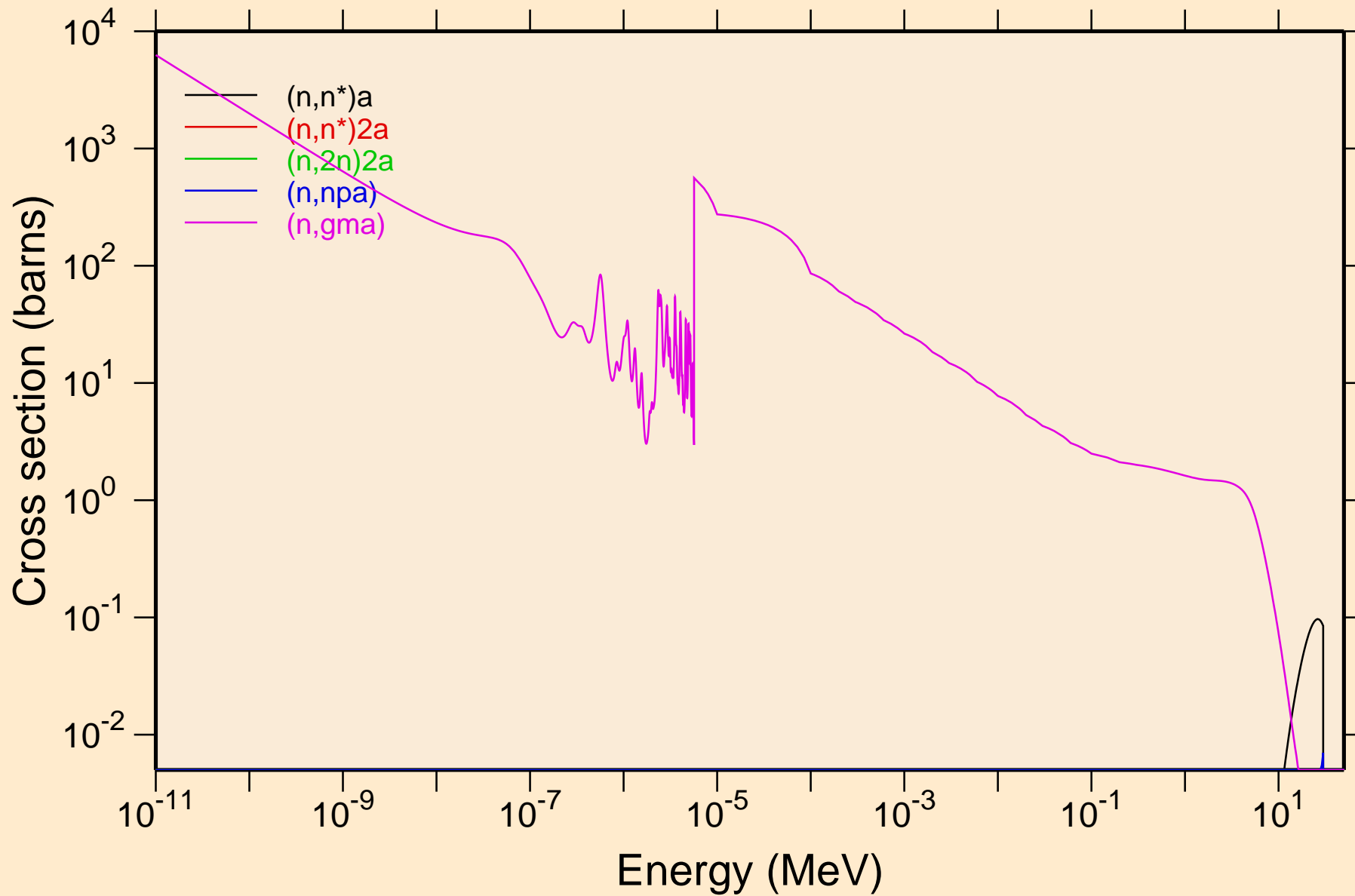


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

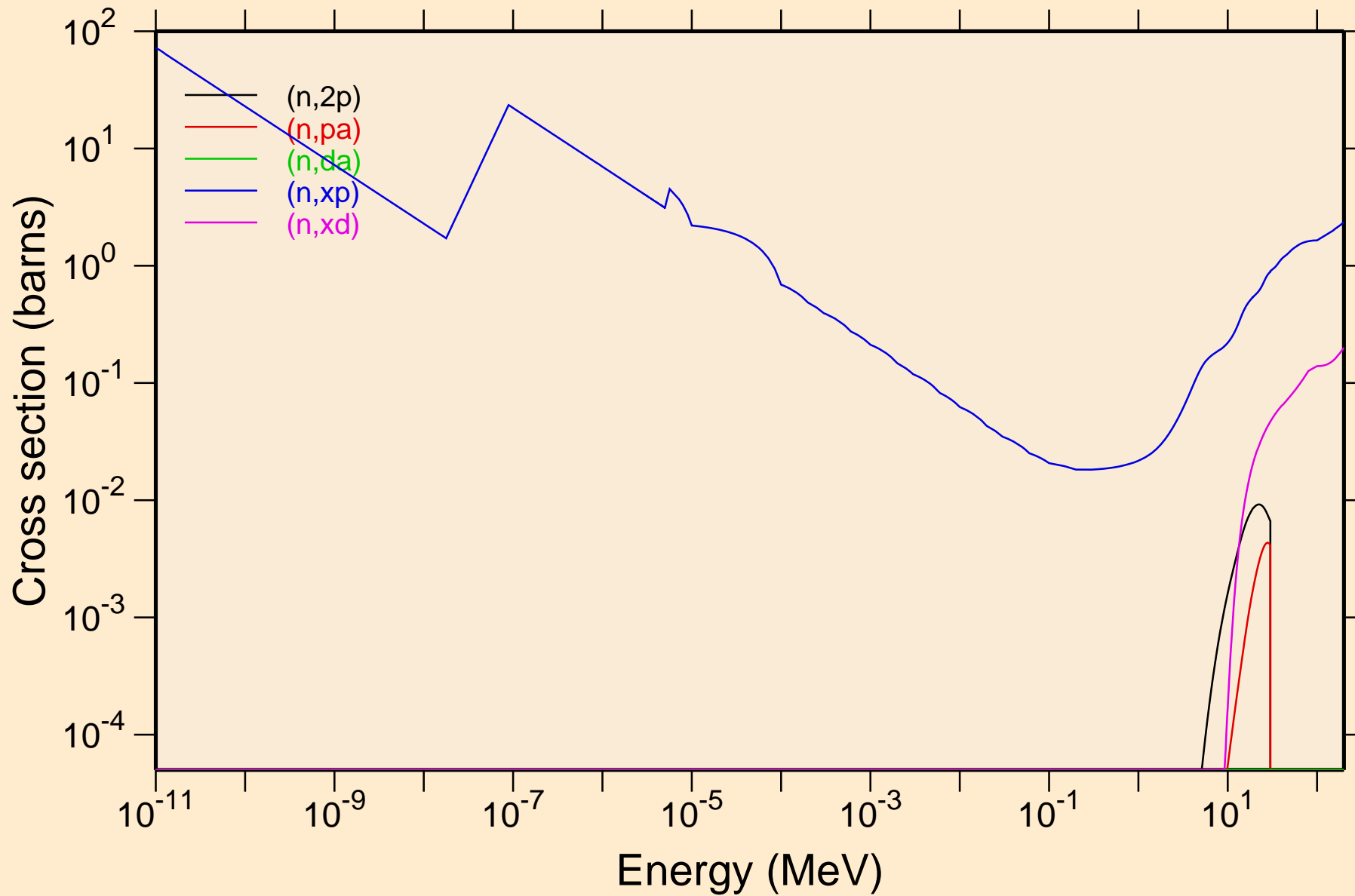


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Non-threshold reactions

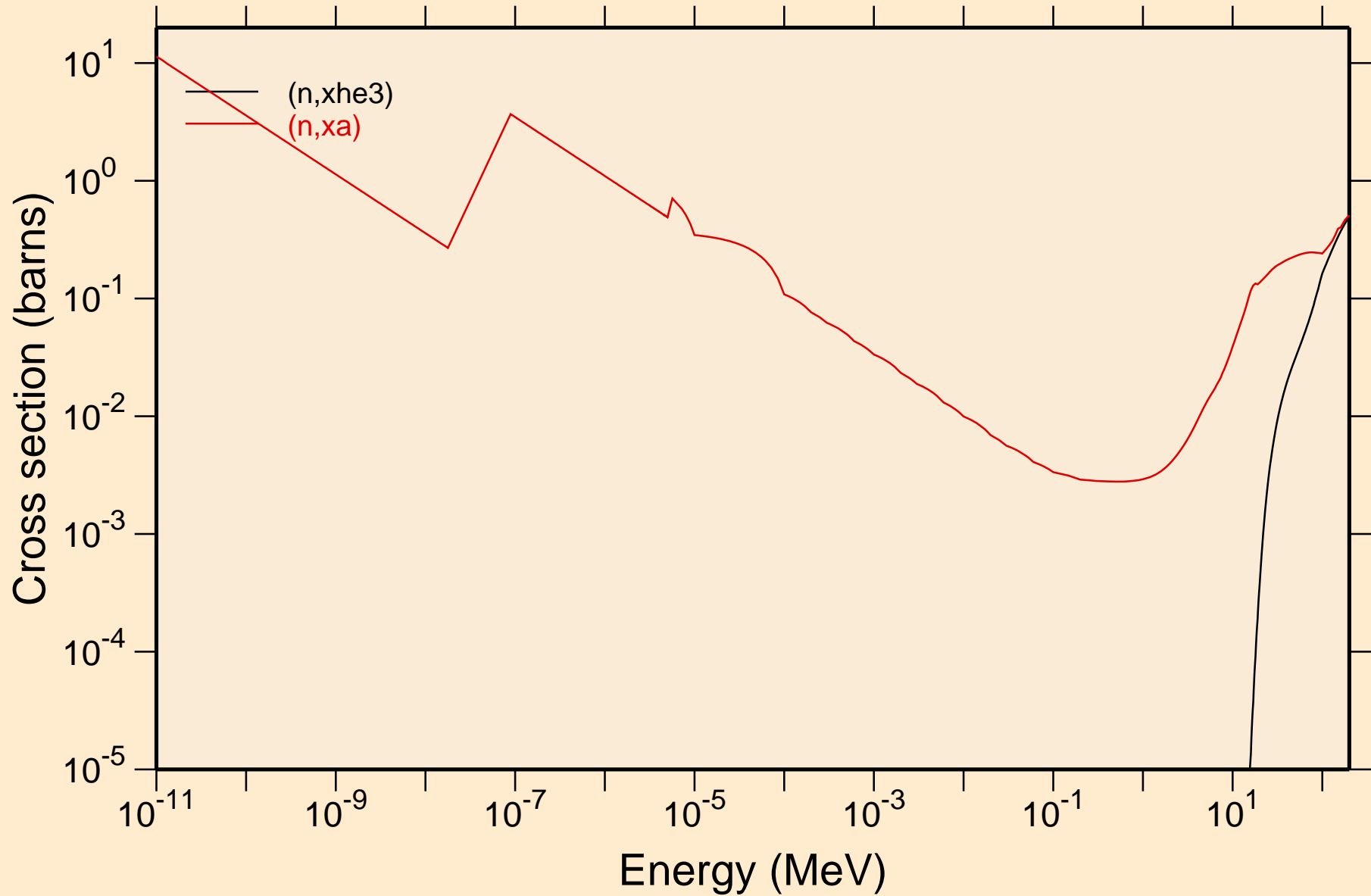




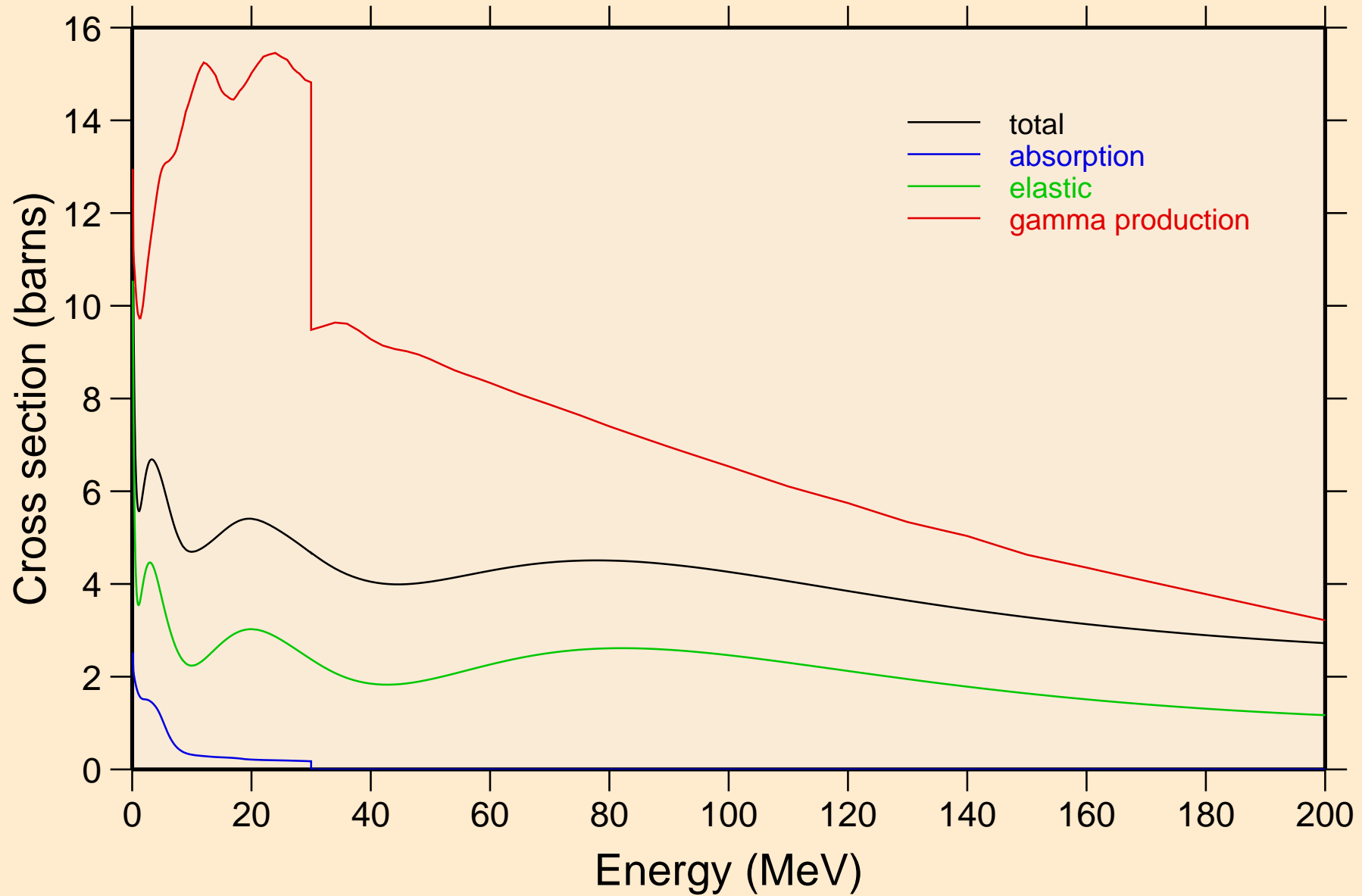
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Non-threshold reactions



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

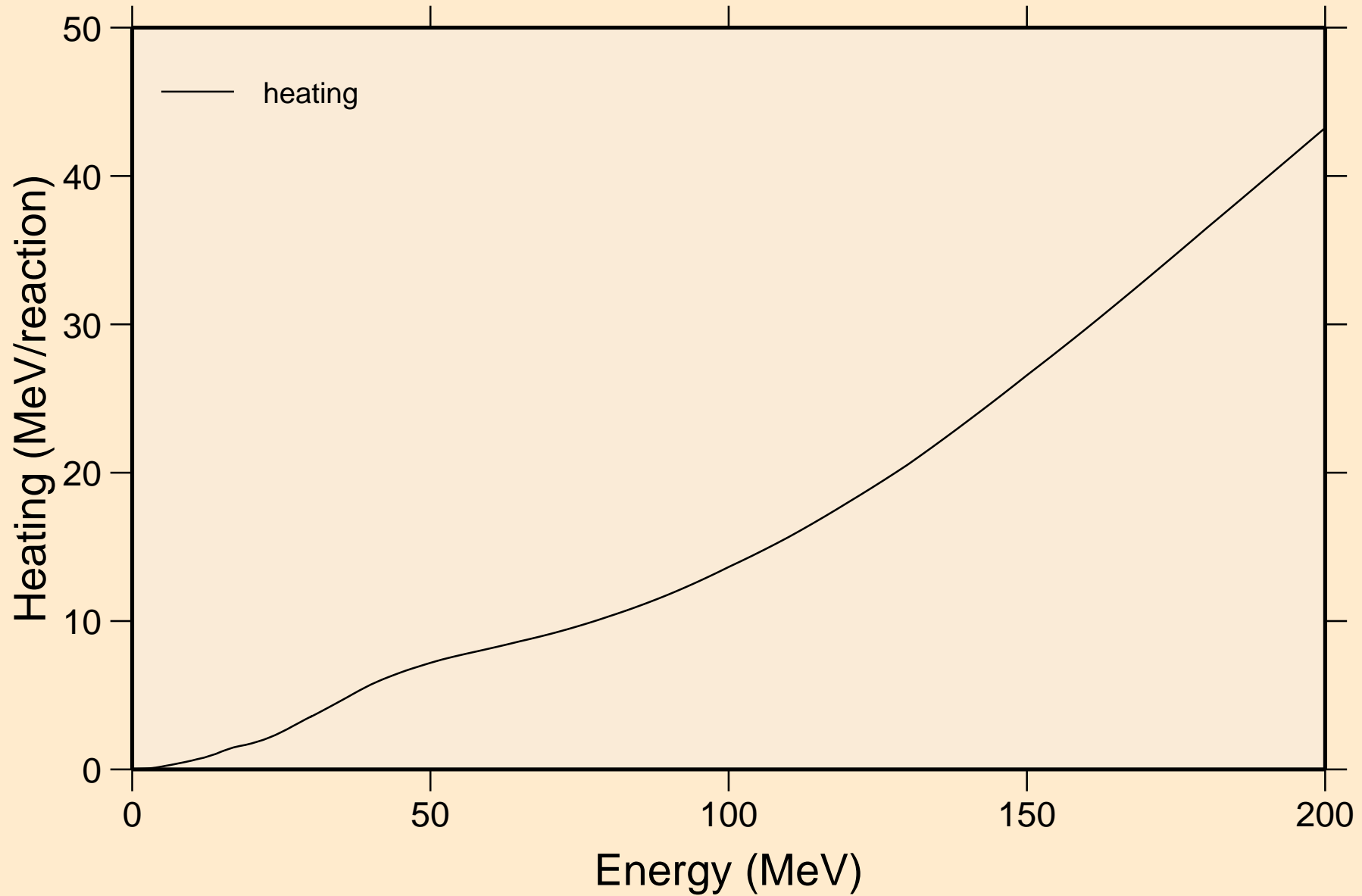


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Principal cross sections

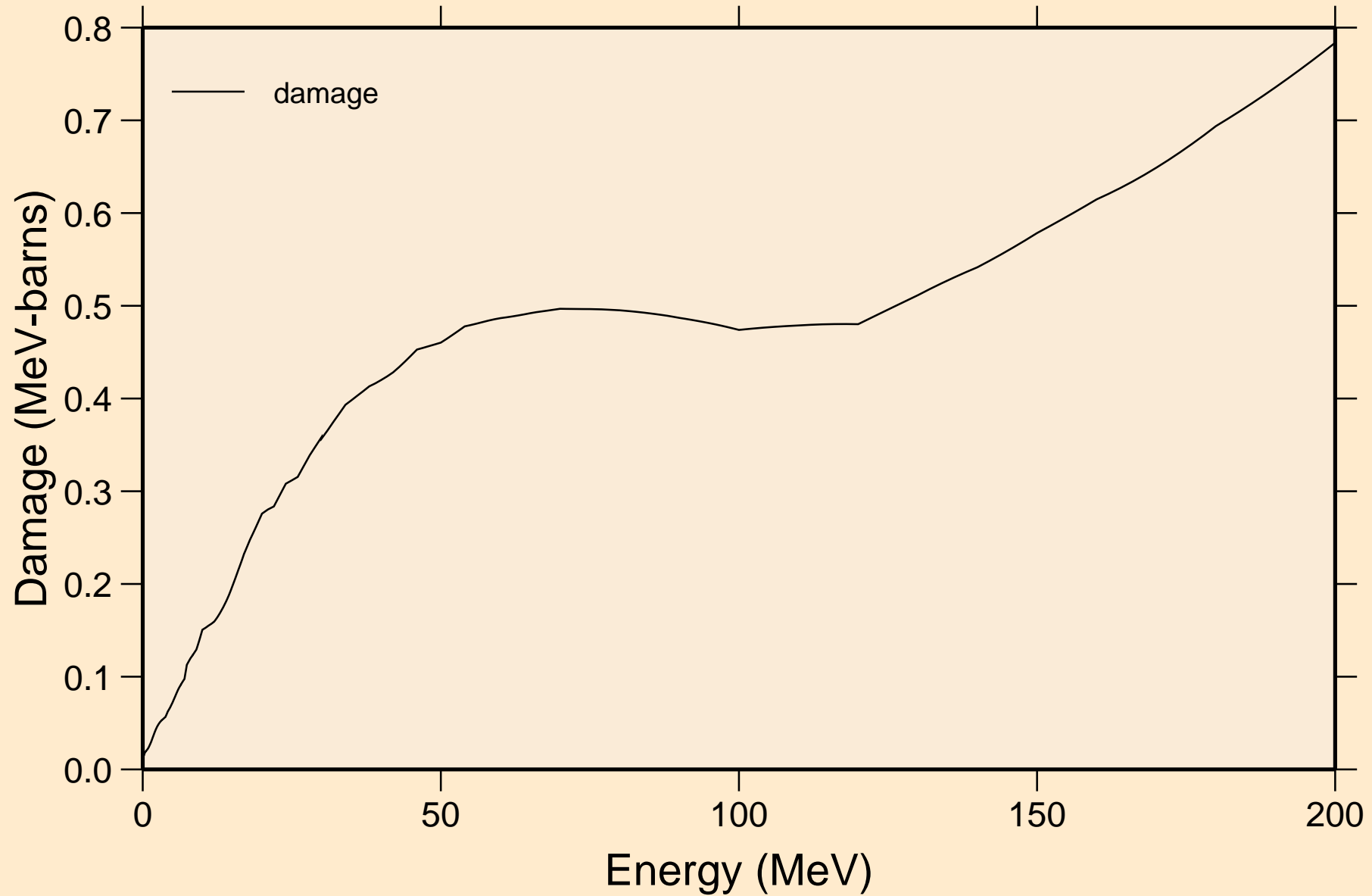


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Heating

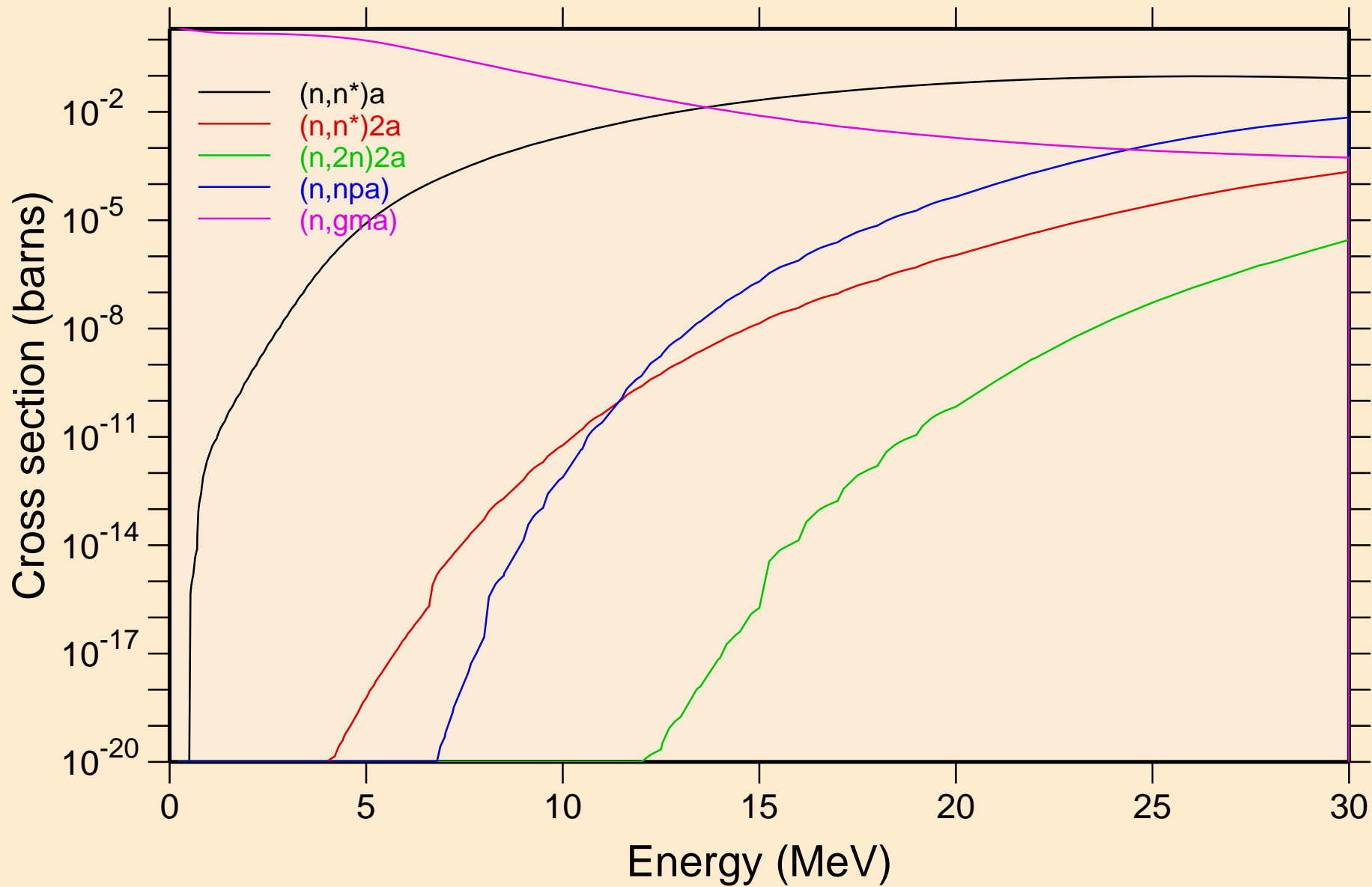


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Damage

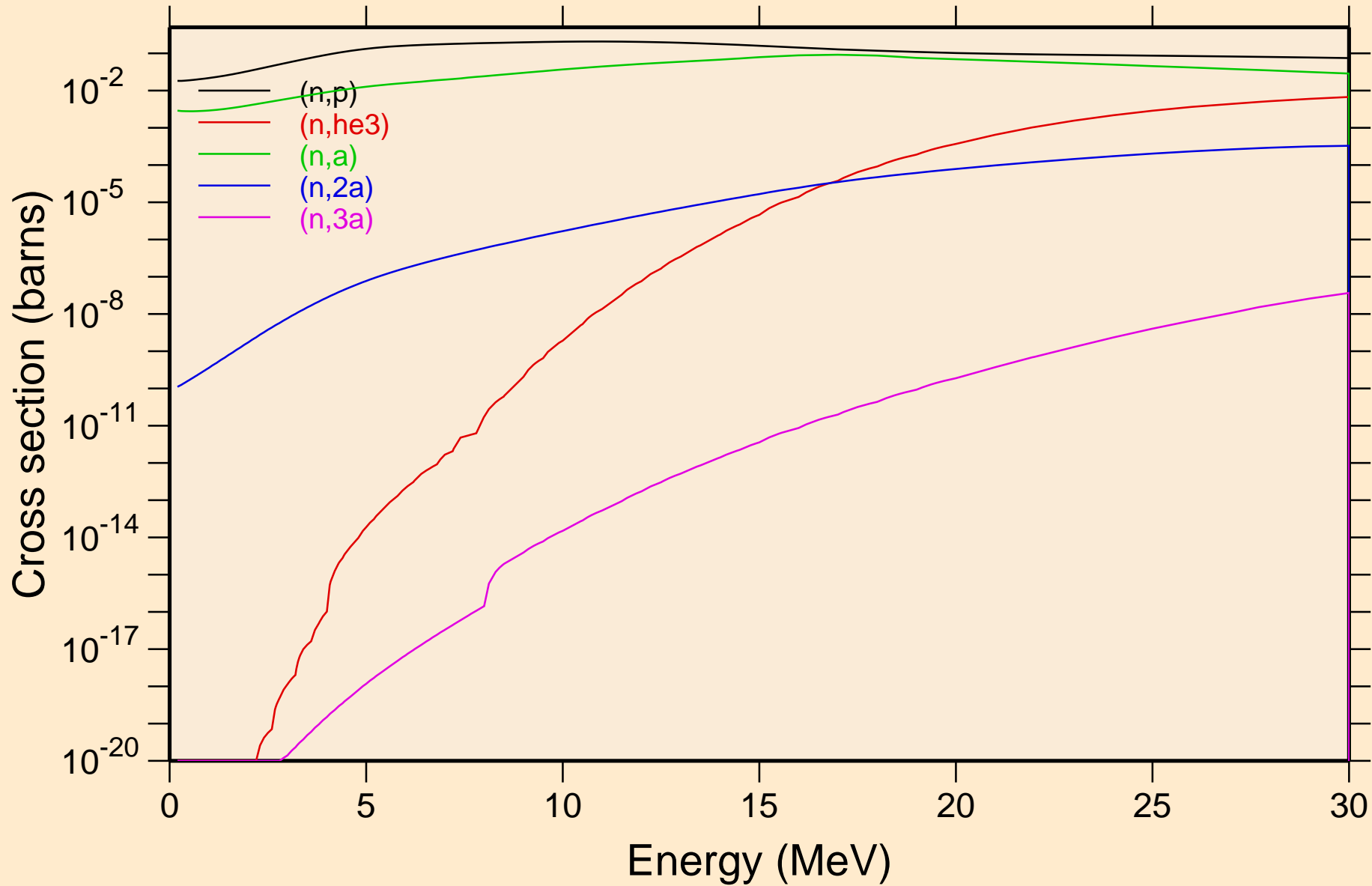




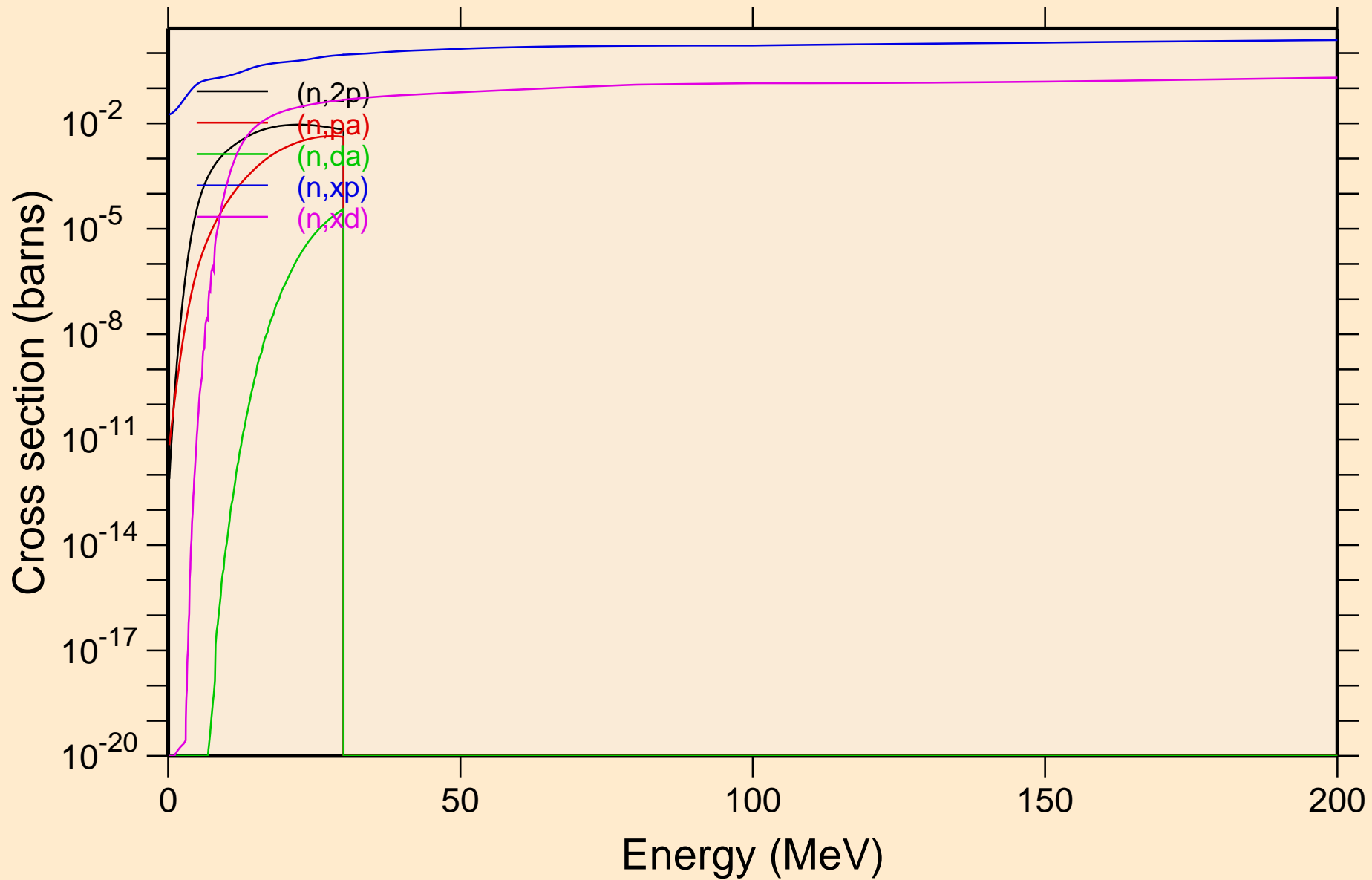
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Non-threshold reactions



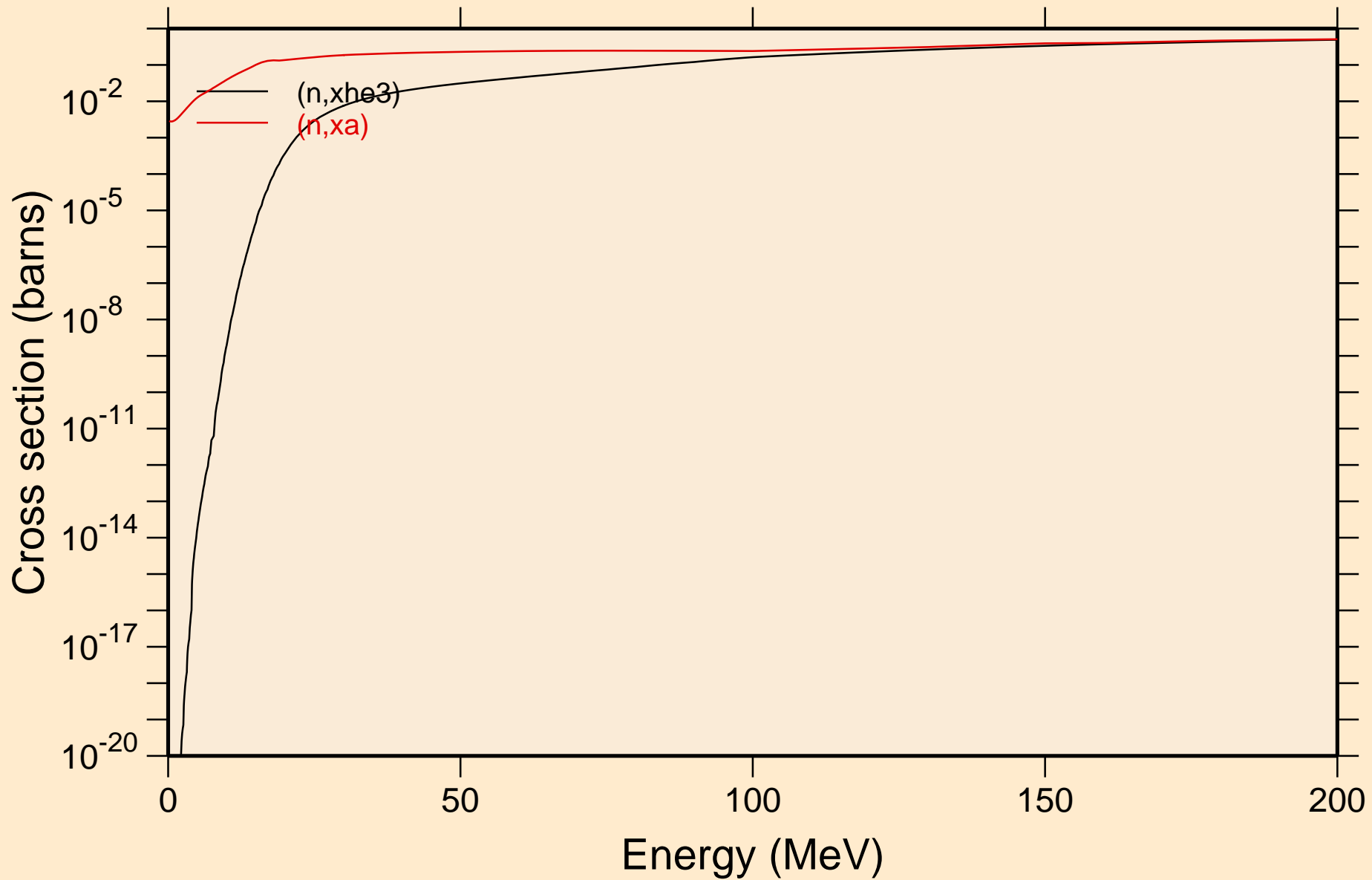
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Non-threshold reactions



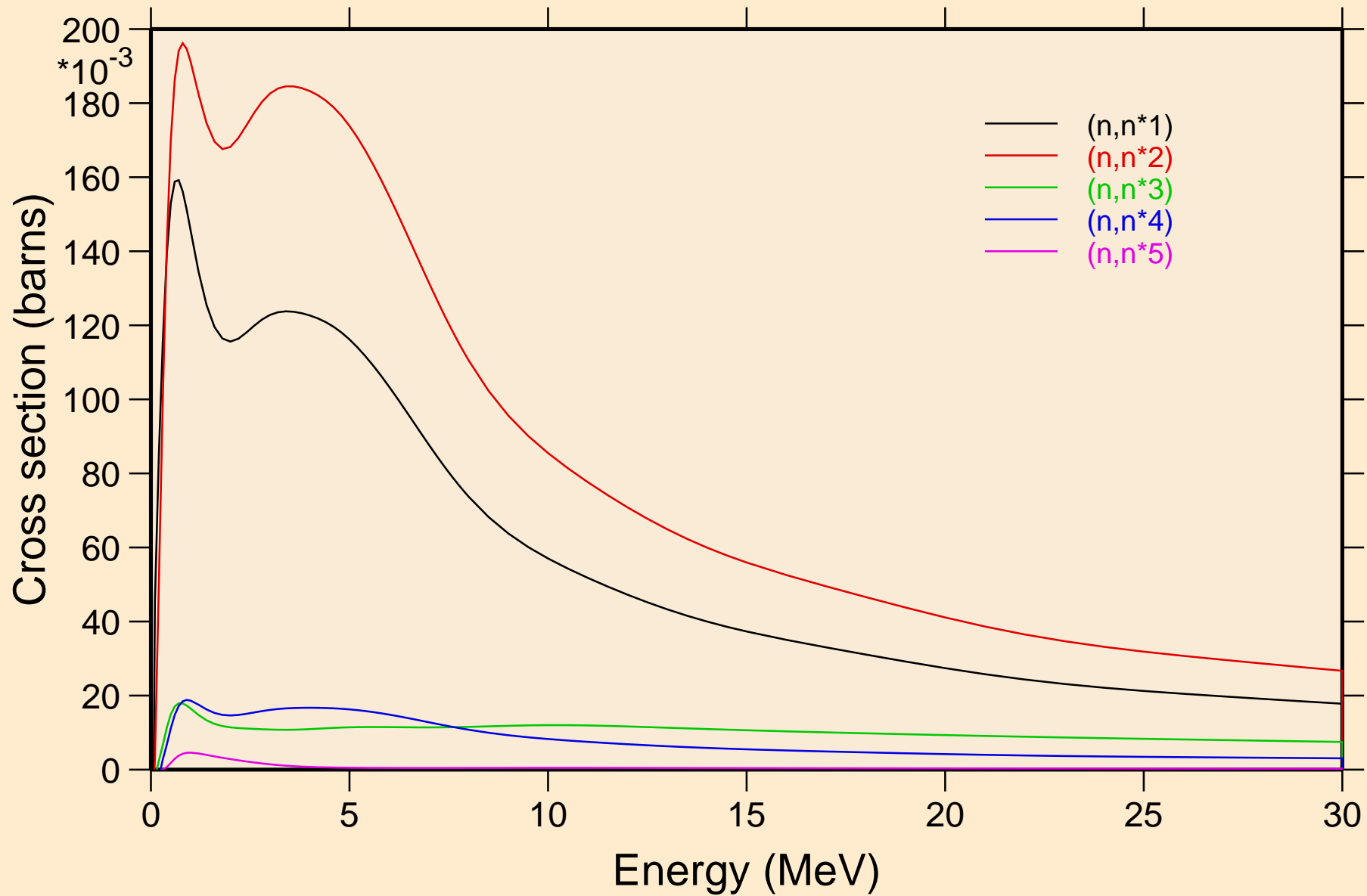
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Non-threshold reactions



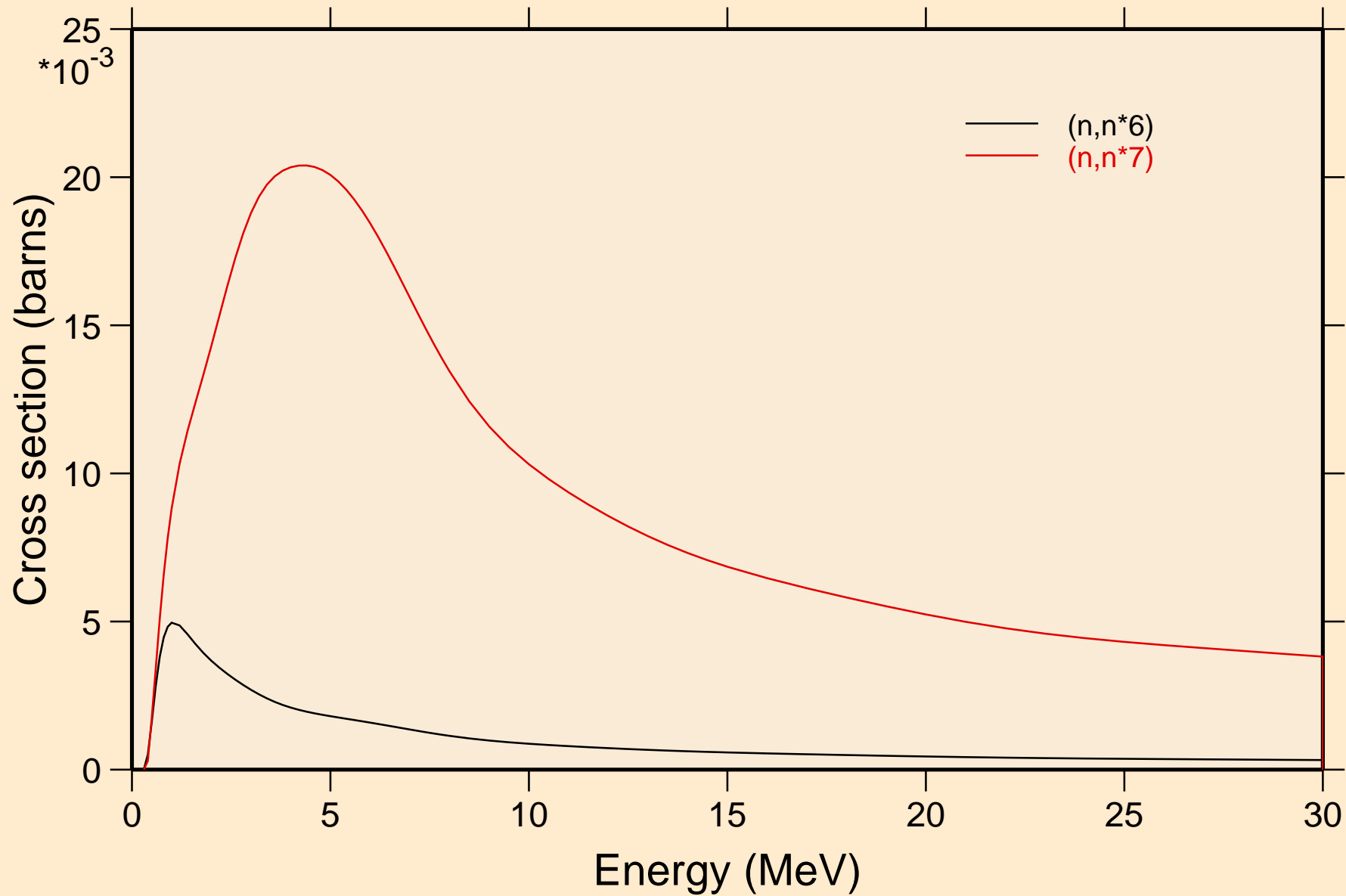
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



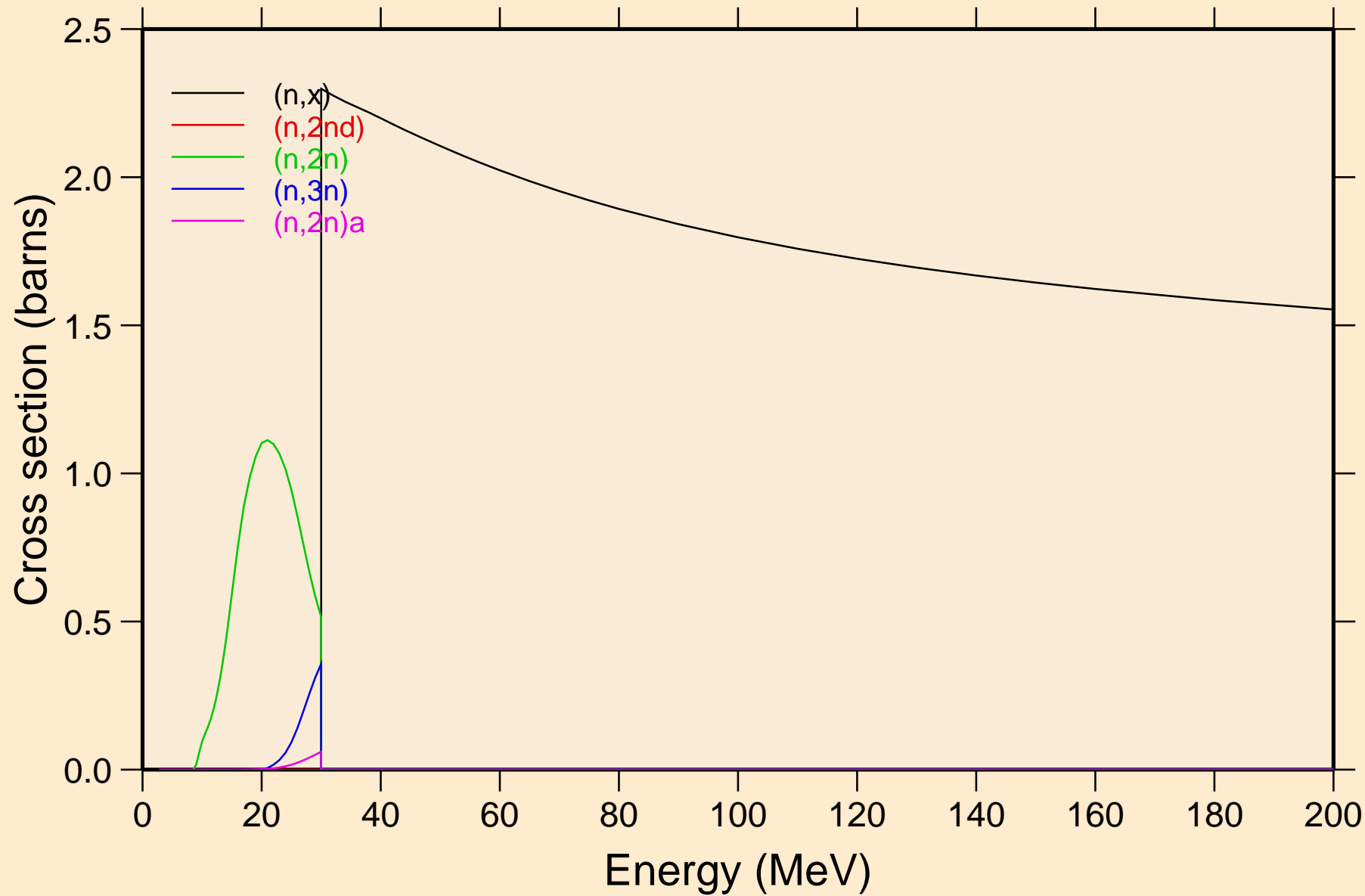
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Inelastic levels



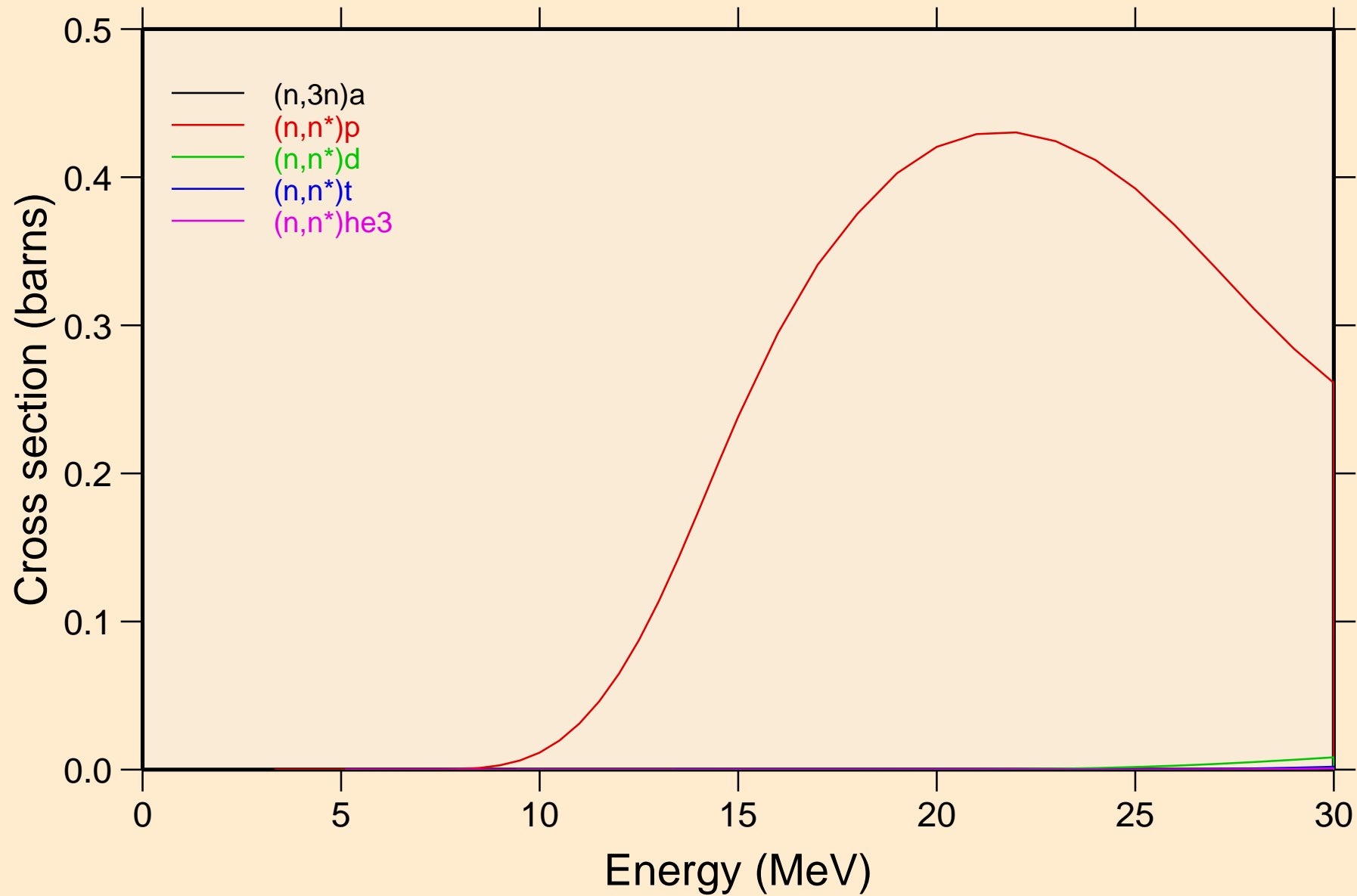
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Inelastic levels



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

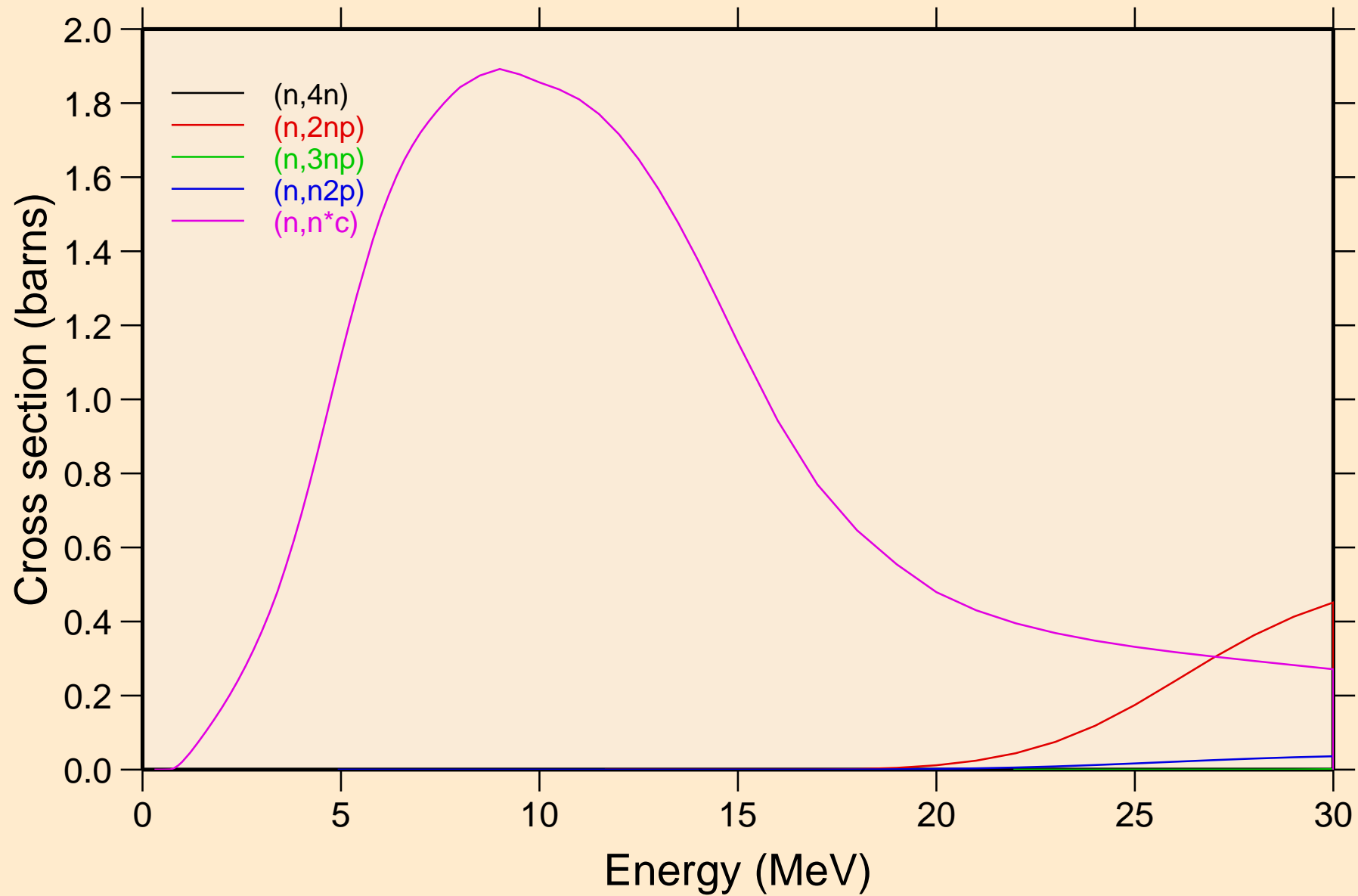


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

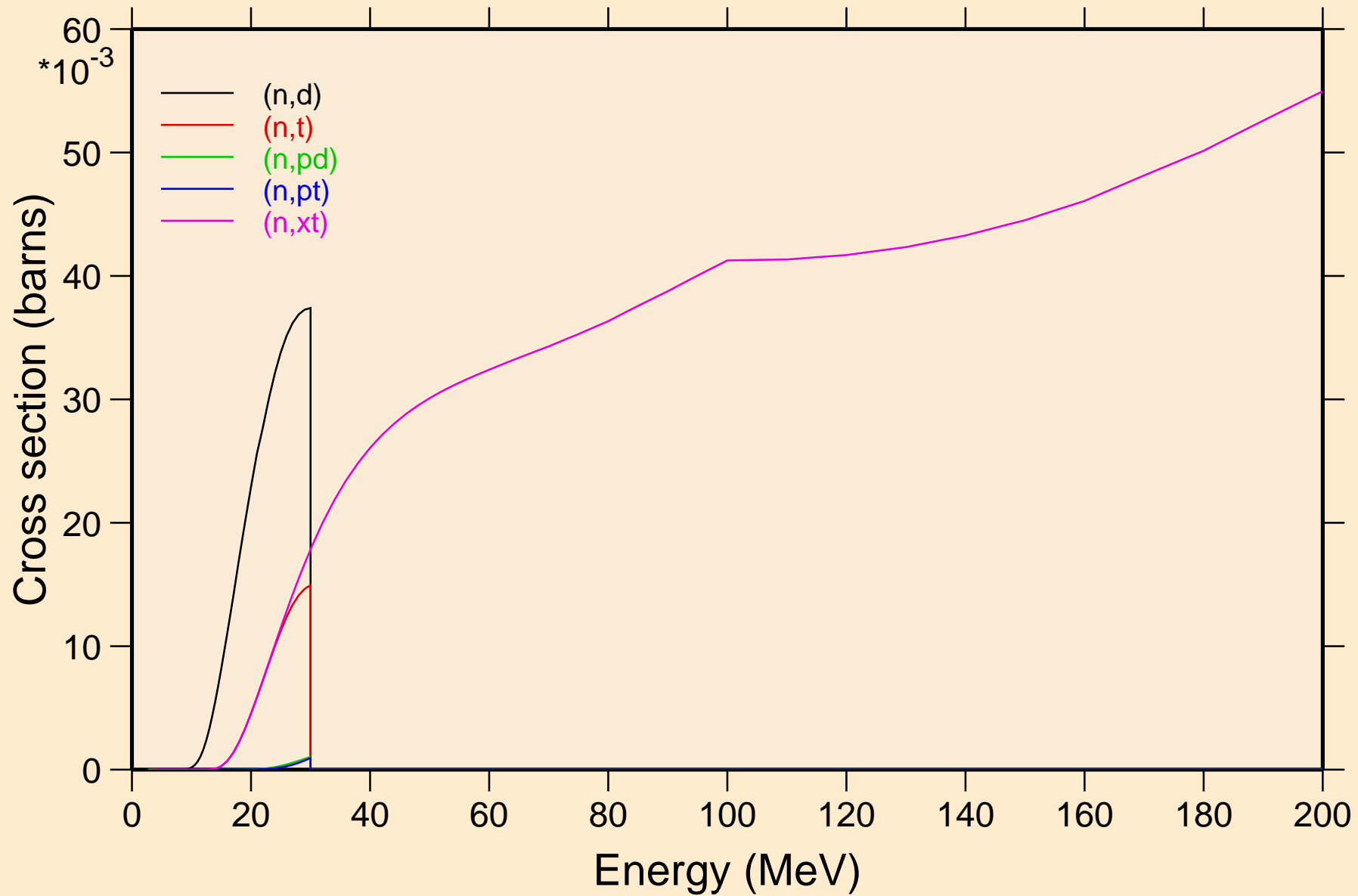




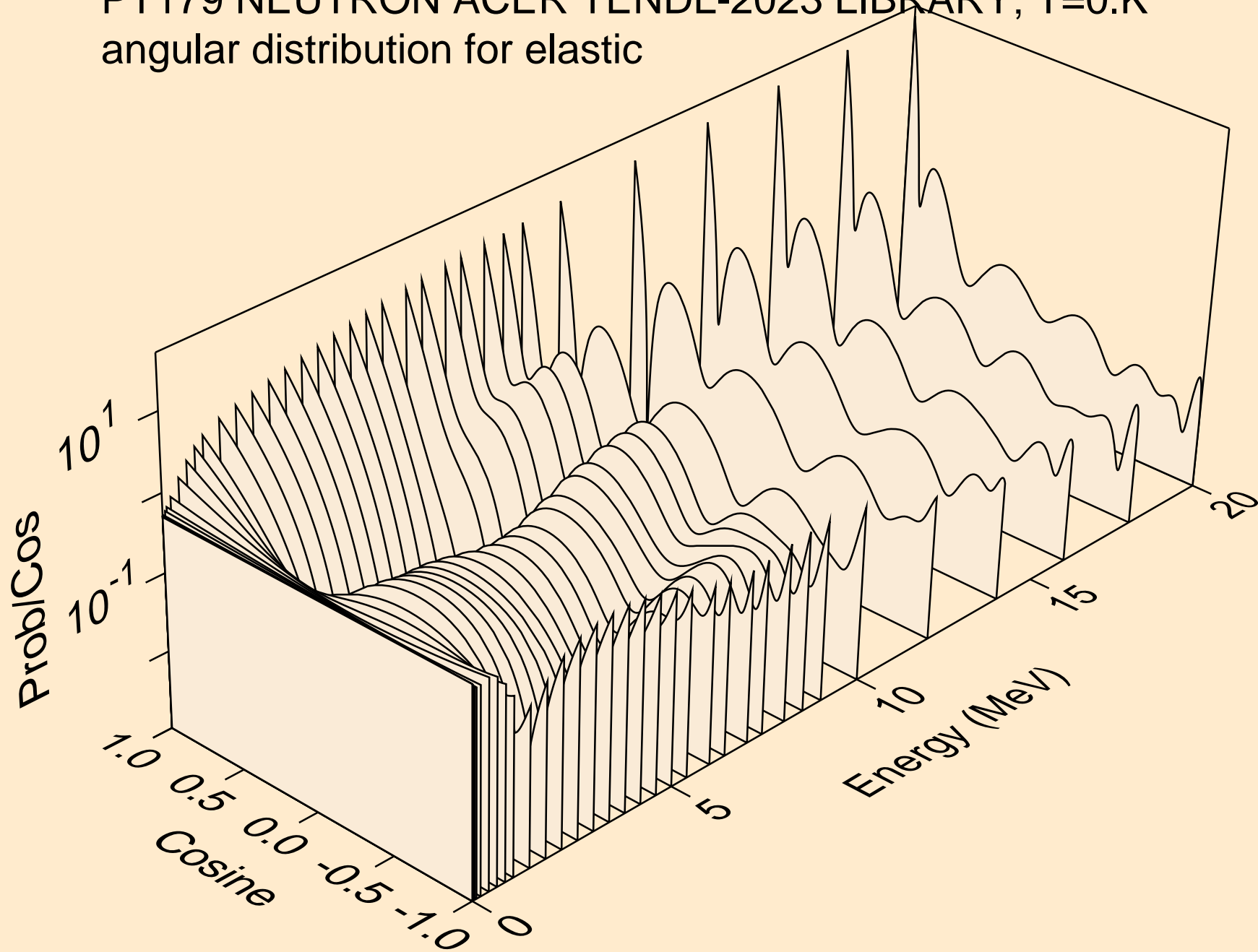
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Threshold reactions



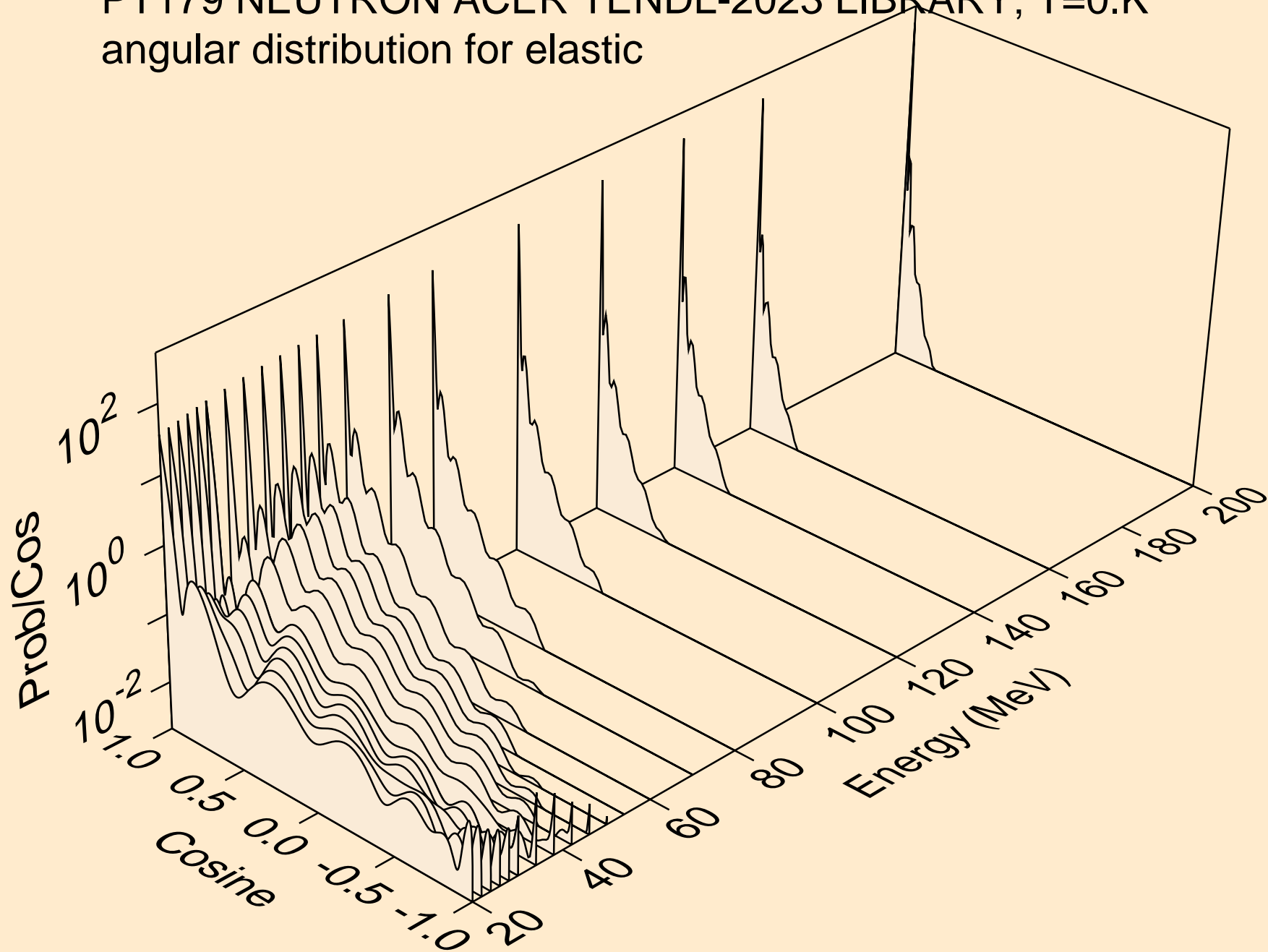
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Threshold reactions



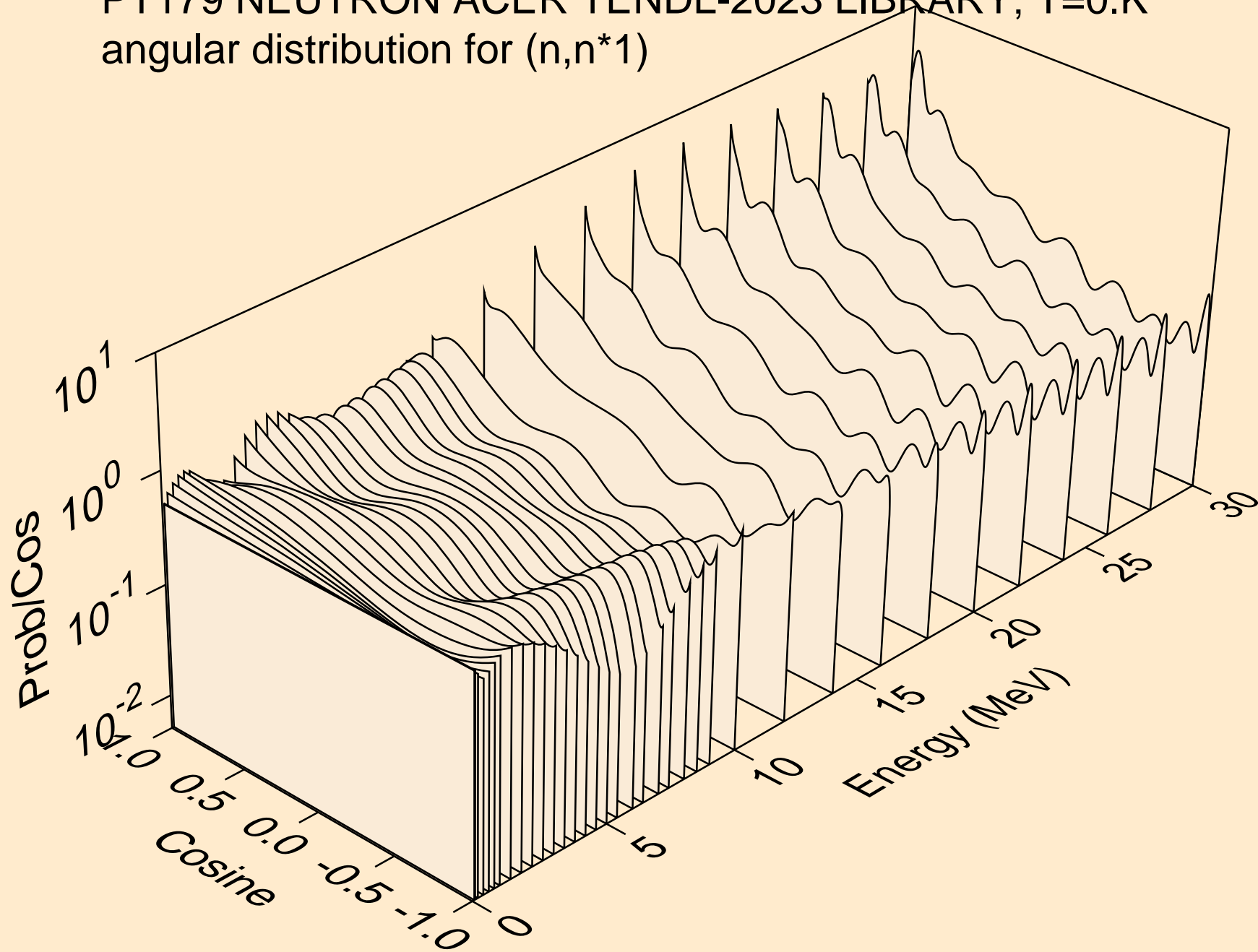
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angular distribution for elastic



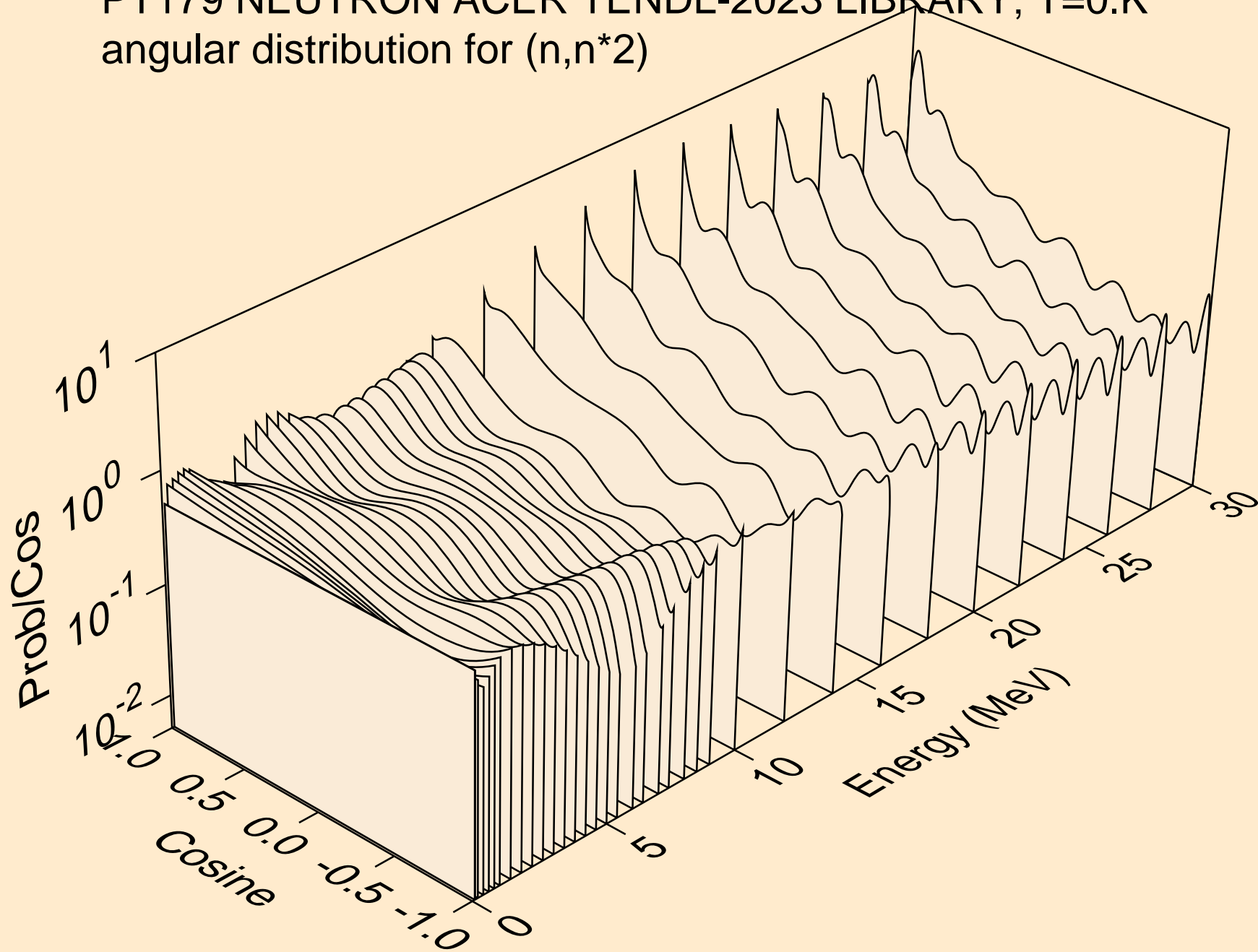
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angular distribution for elastic



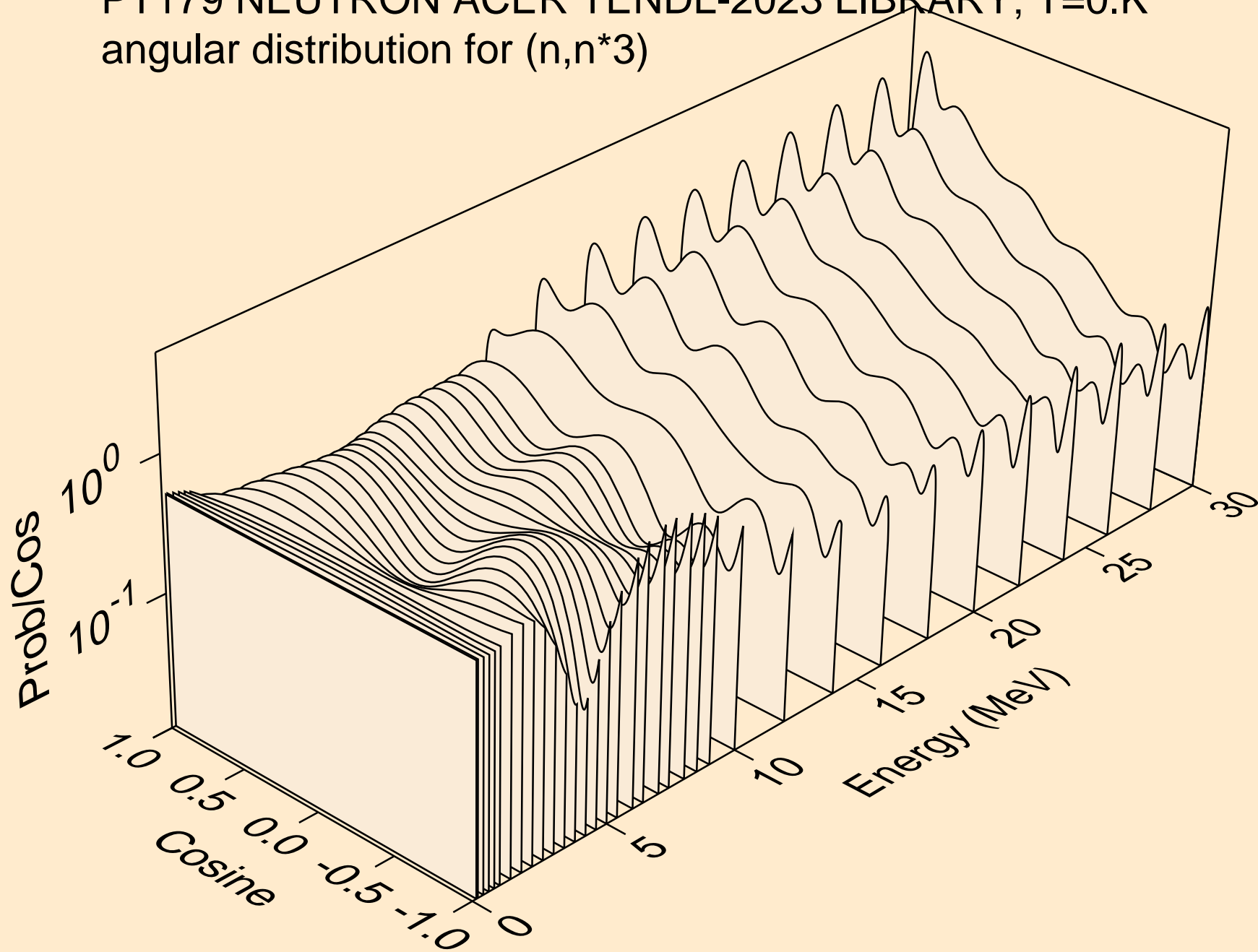
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angular distribution for (n,n\*1)



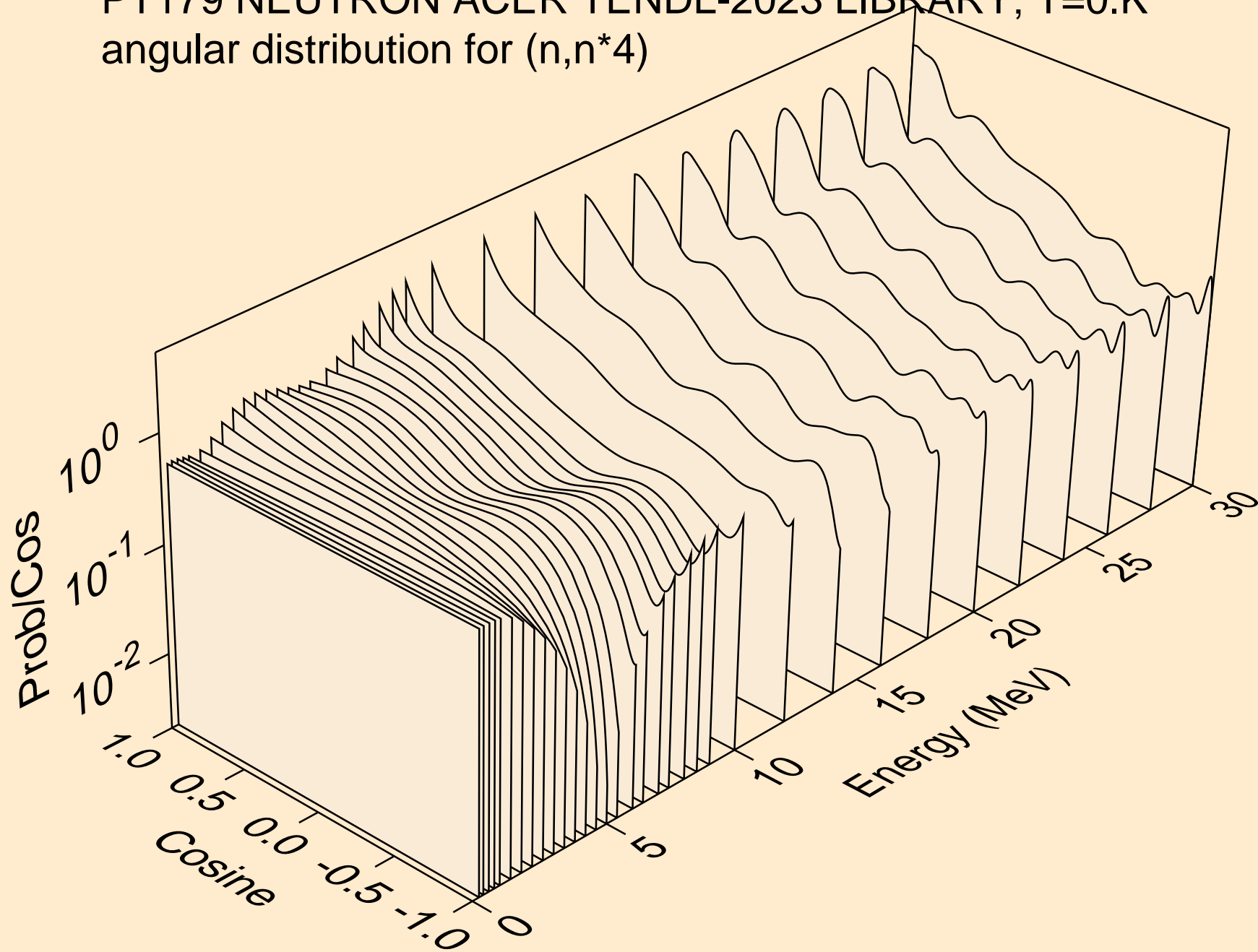
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

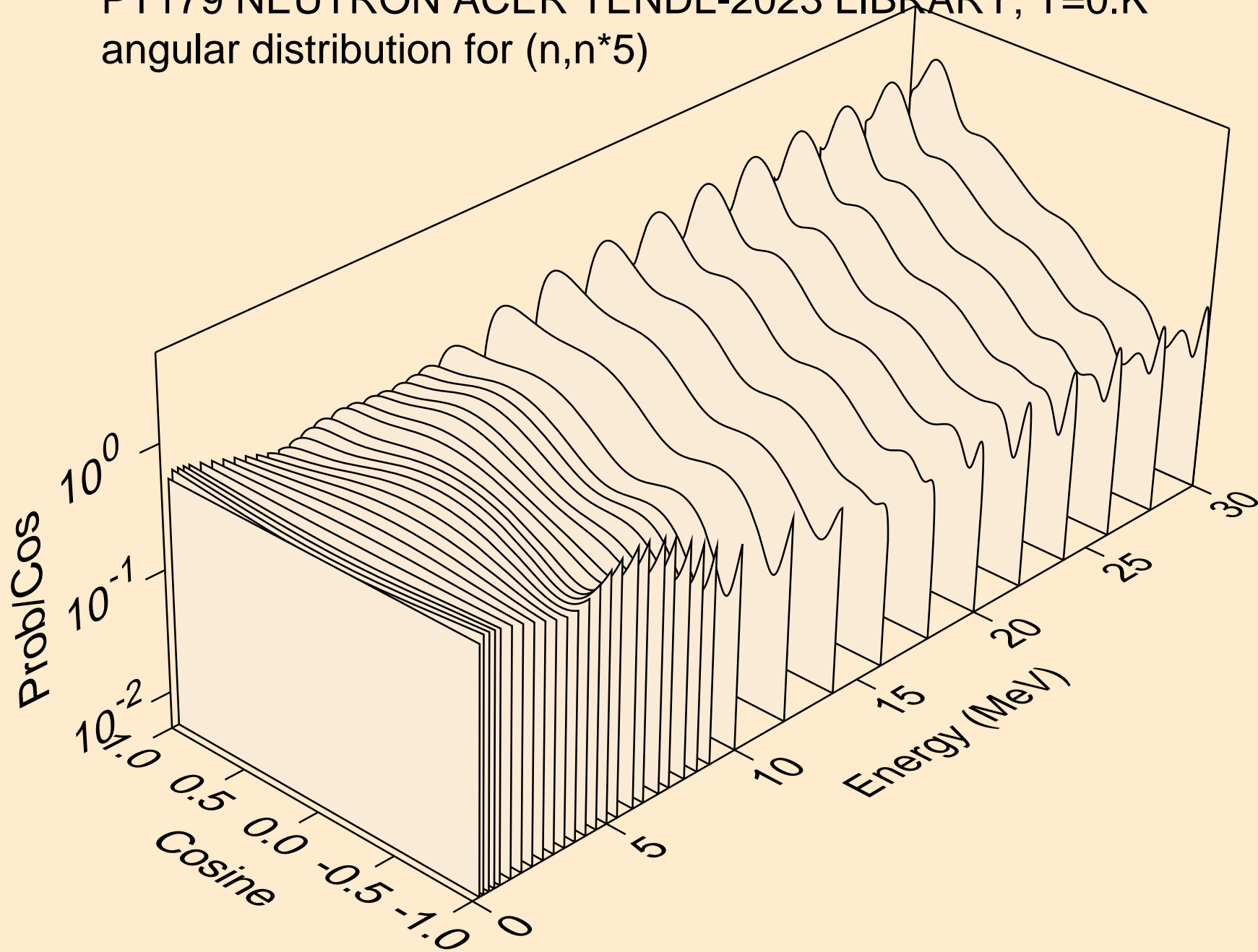


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

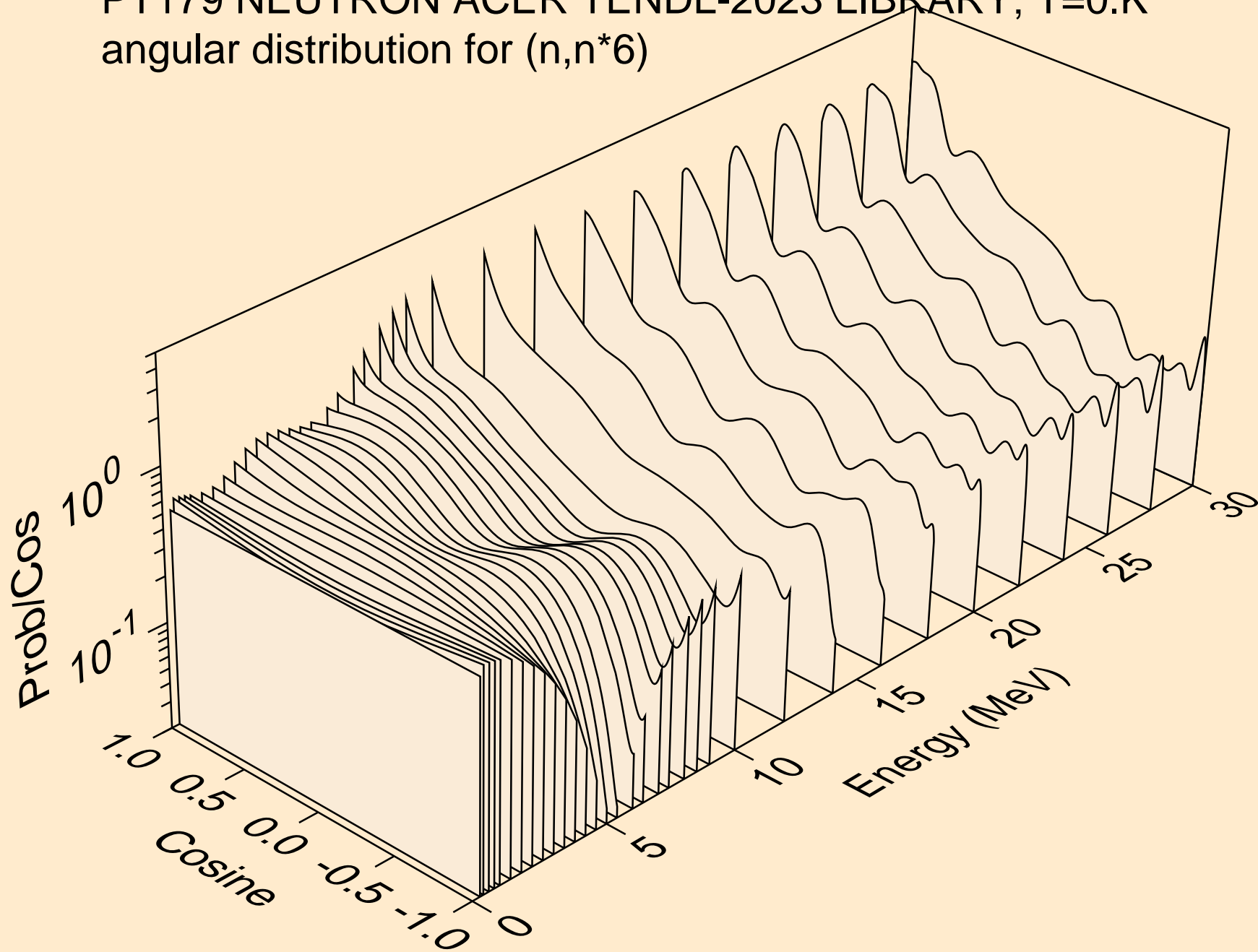




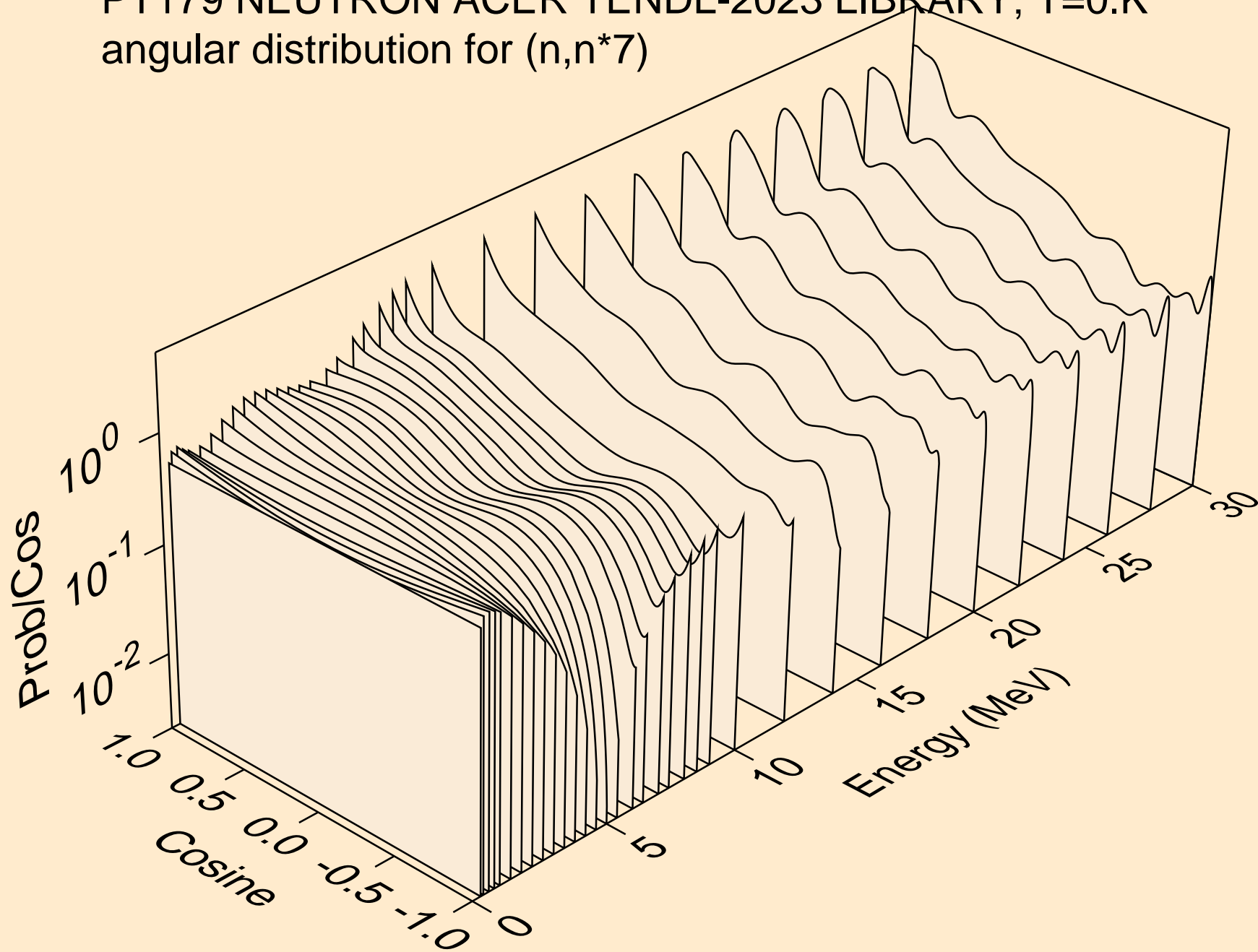
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angular distribution for (n,n\*5)



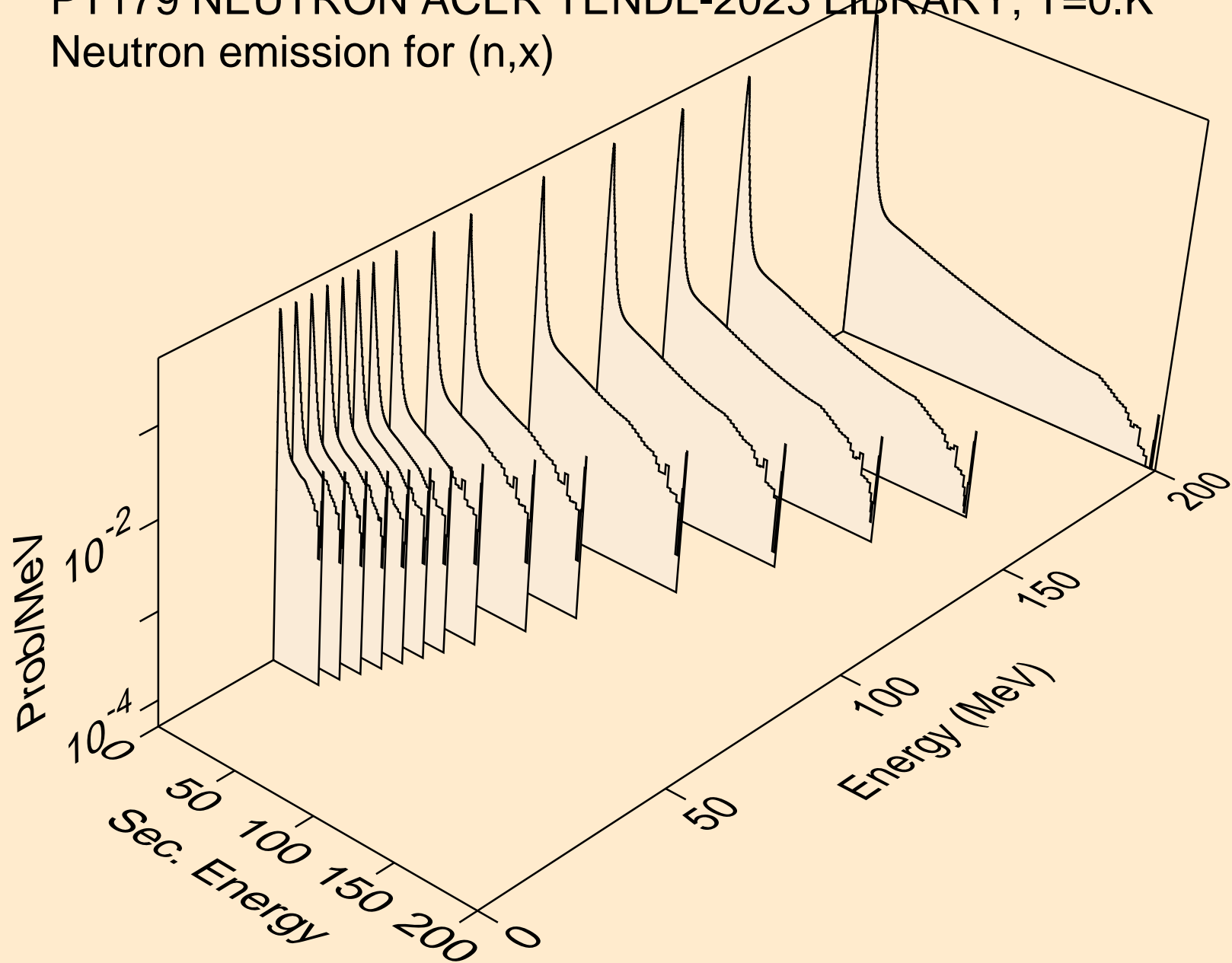
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angular distribution for (n,n\*6)



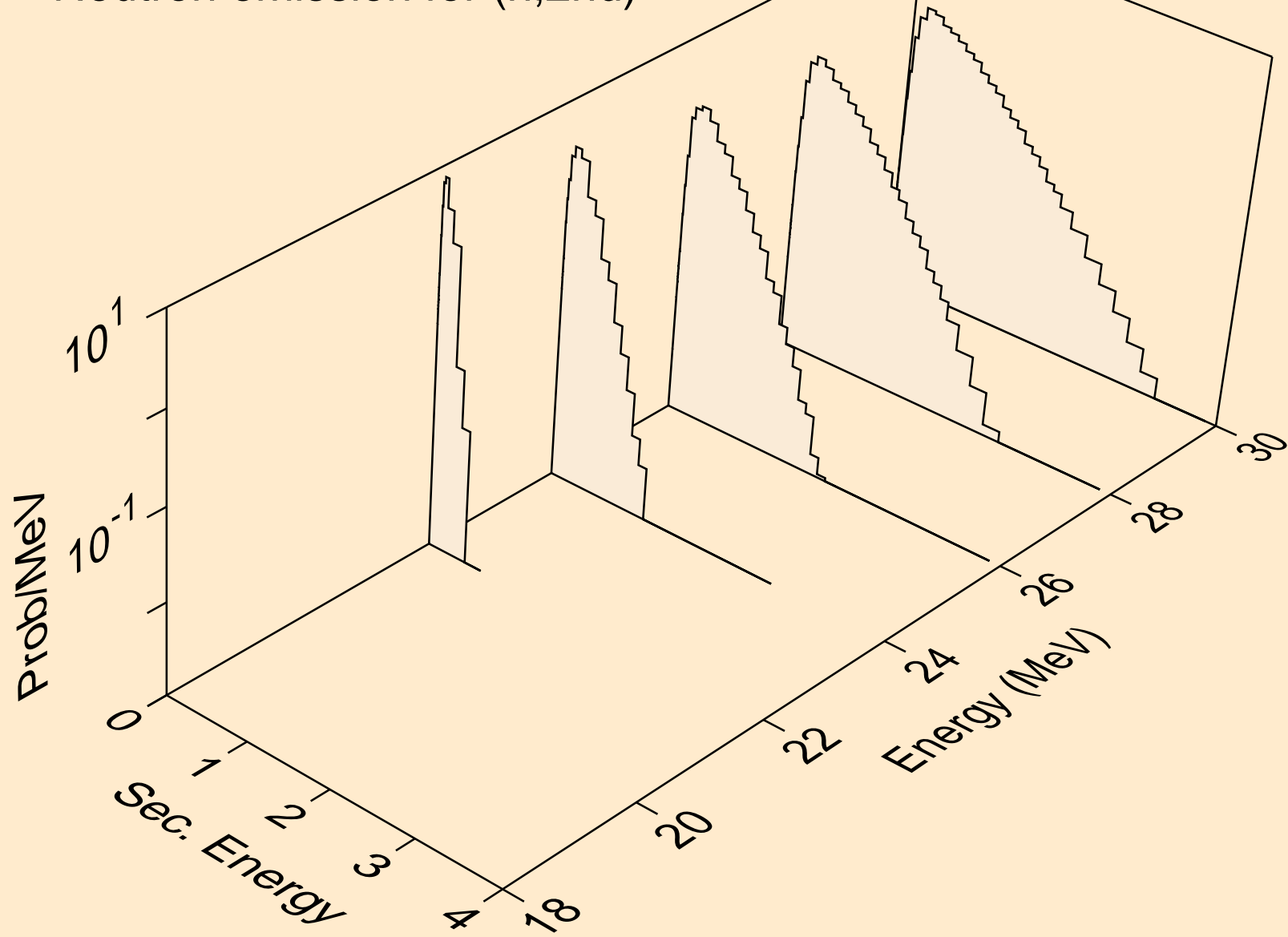
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angular distribution for (n,n\*7)



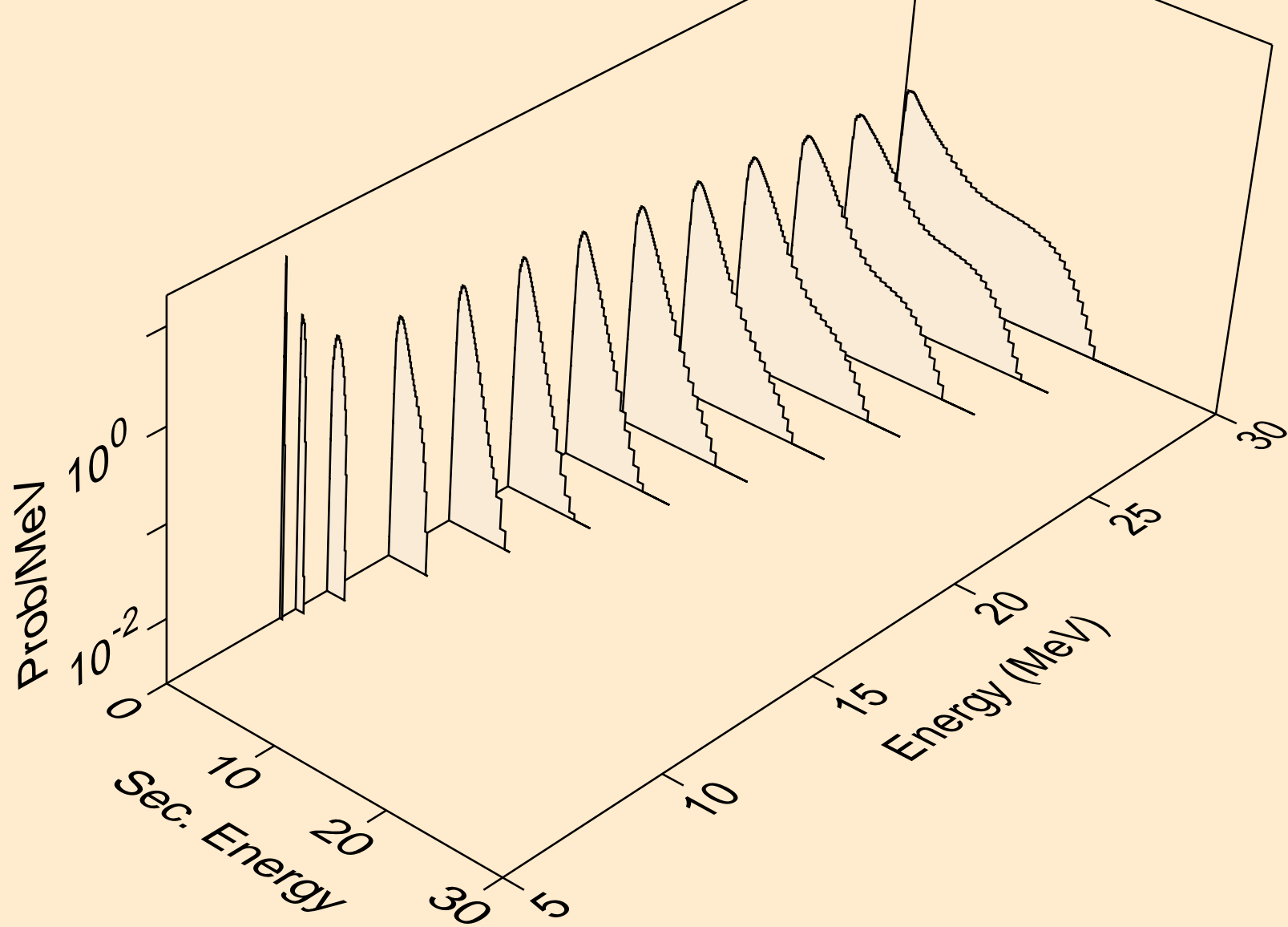
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Neutron emission for (n,x)



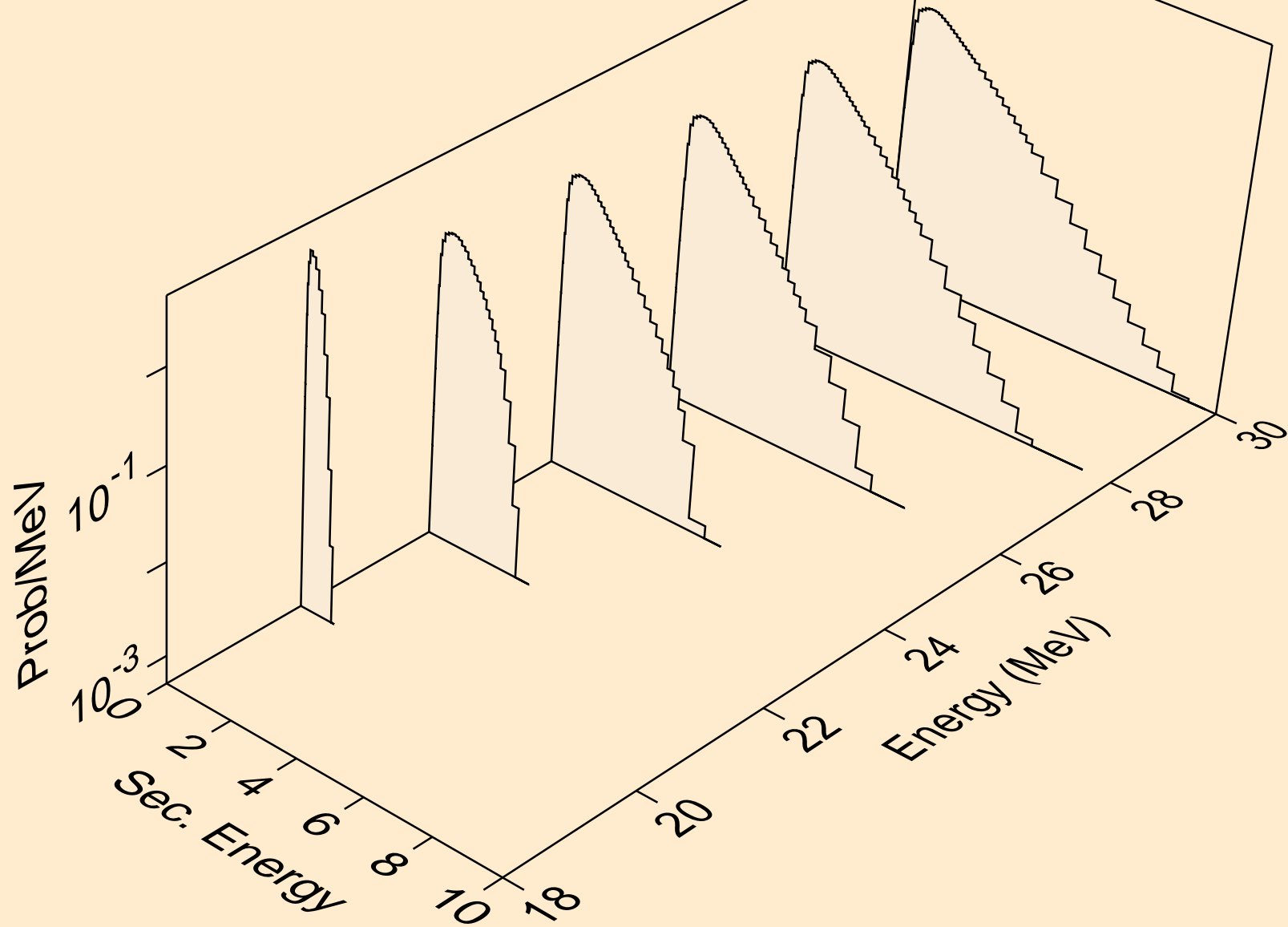
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Neutron emission for (n,2nd)



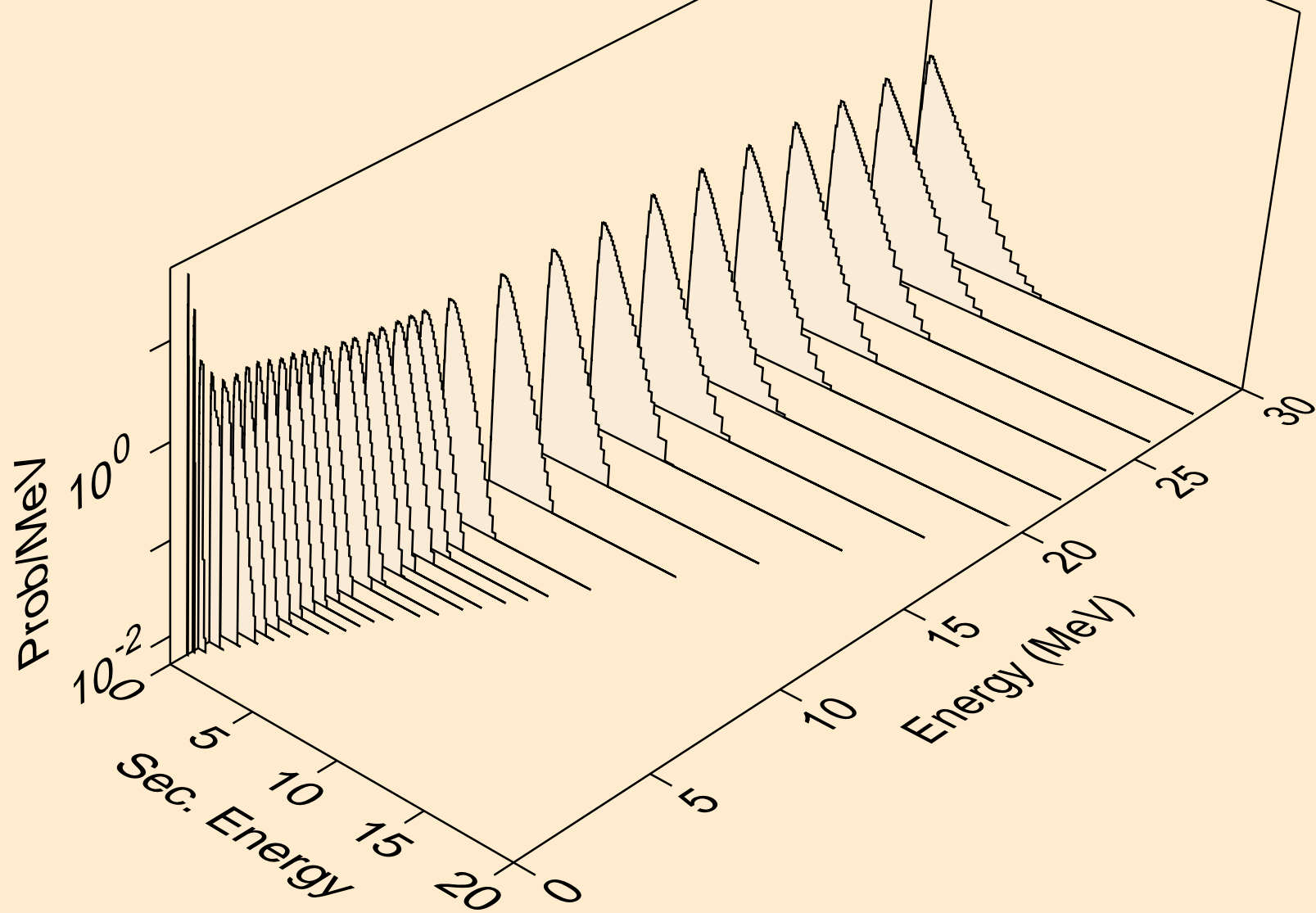
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

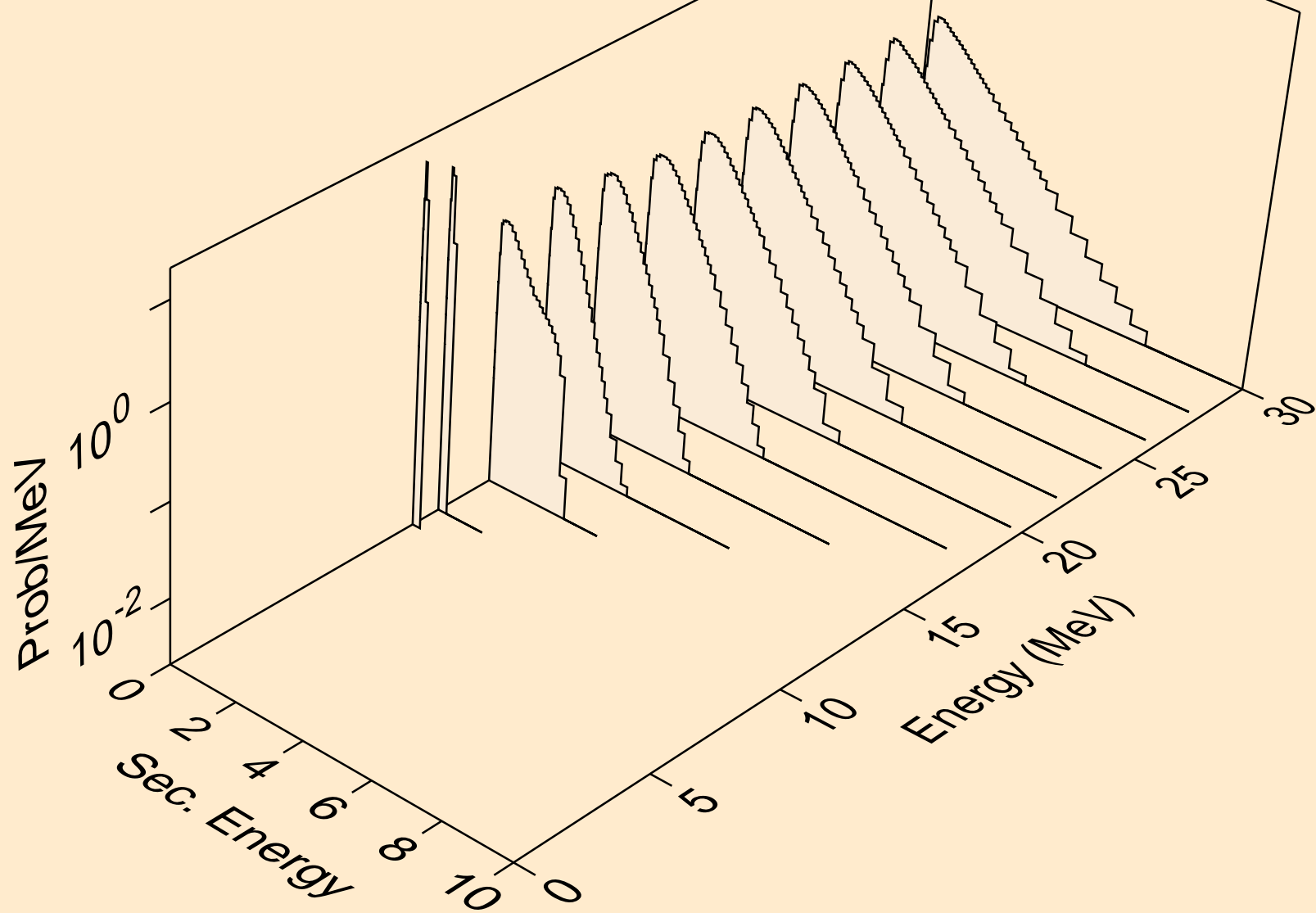


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Neutron emission for (n,n\*)a

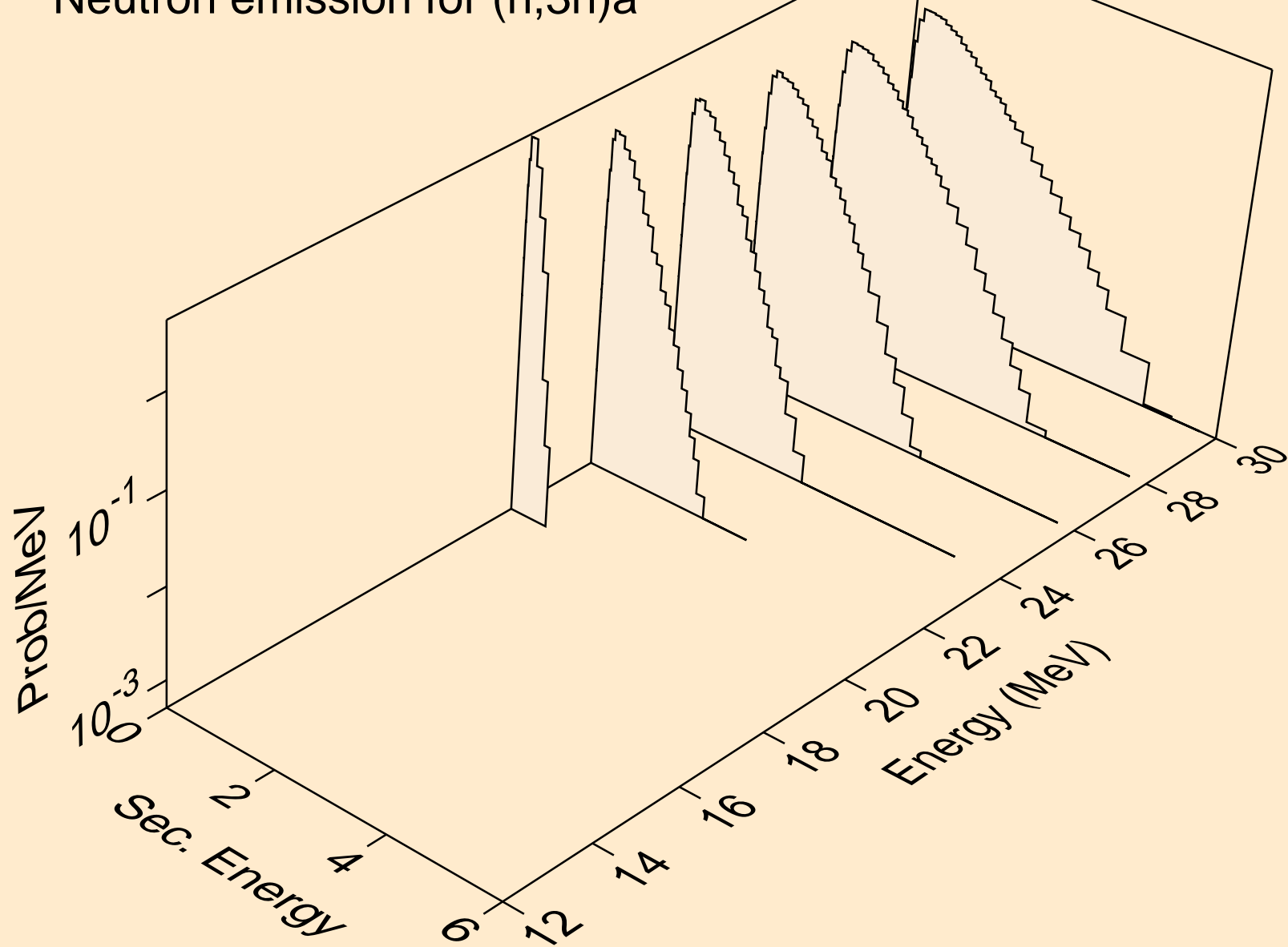




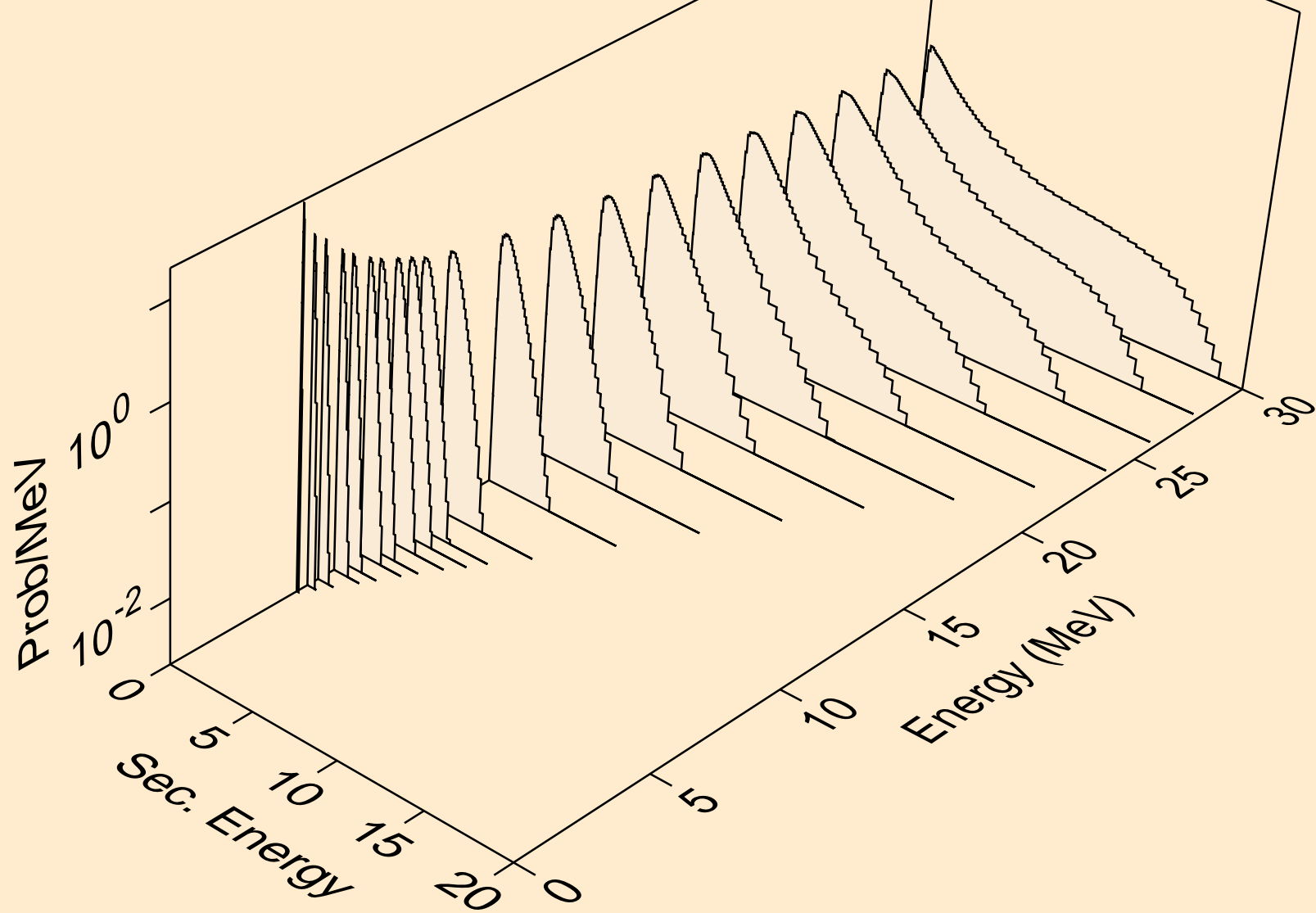
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Neutron emission for (n,2n)a



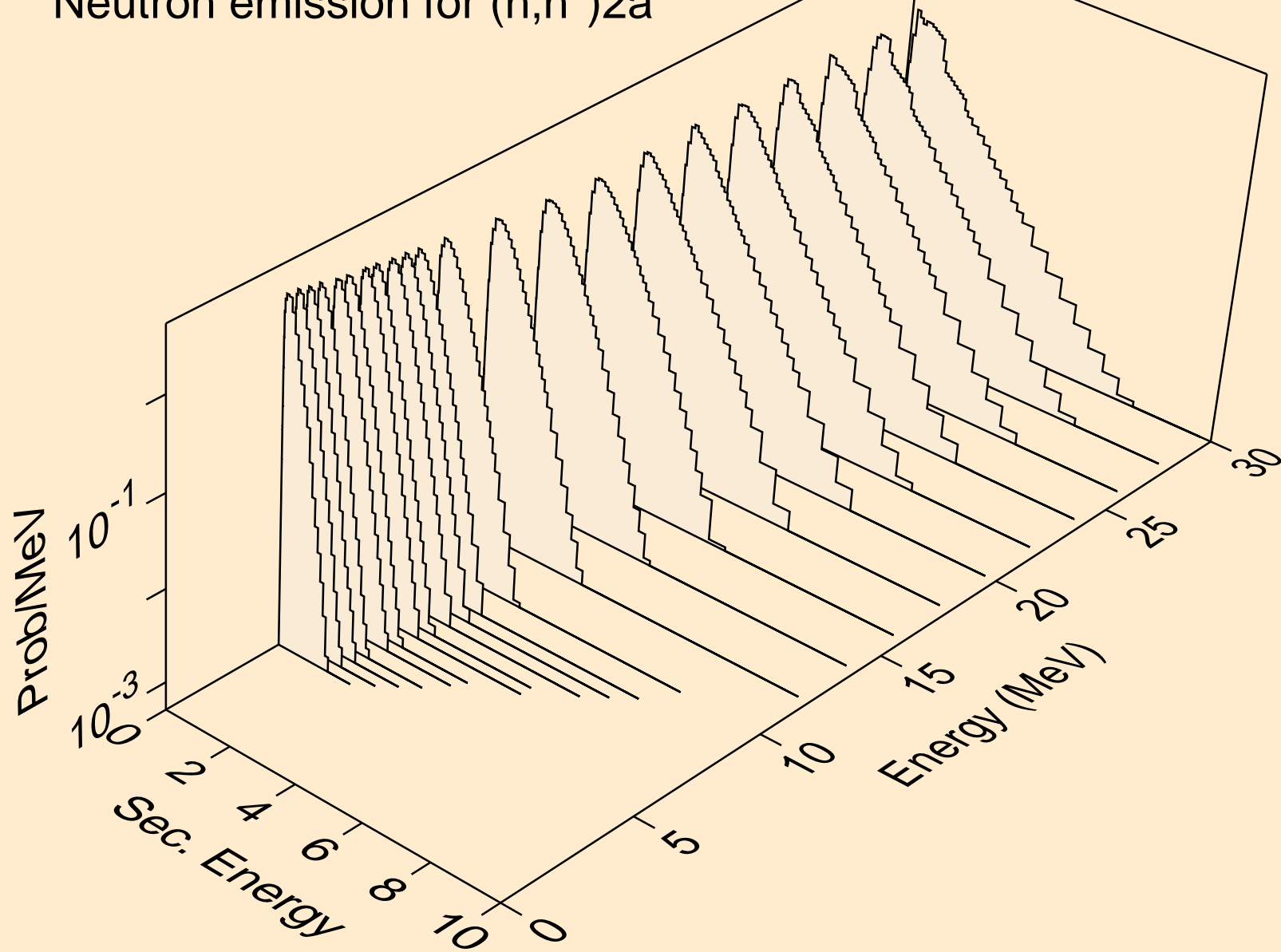
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Neutron emission for (n,3n)a



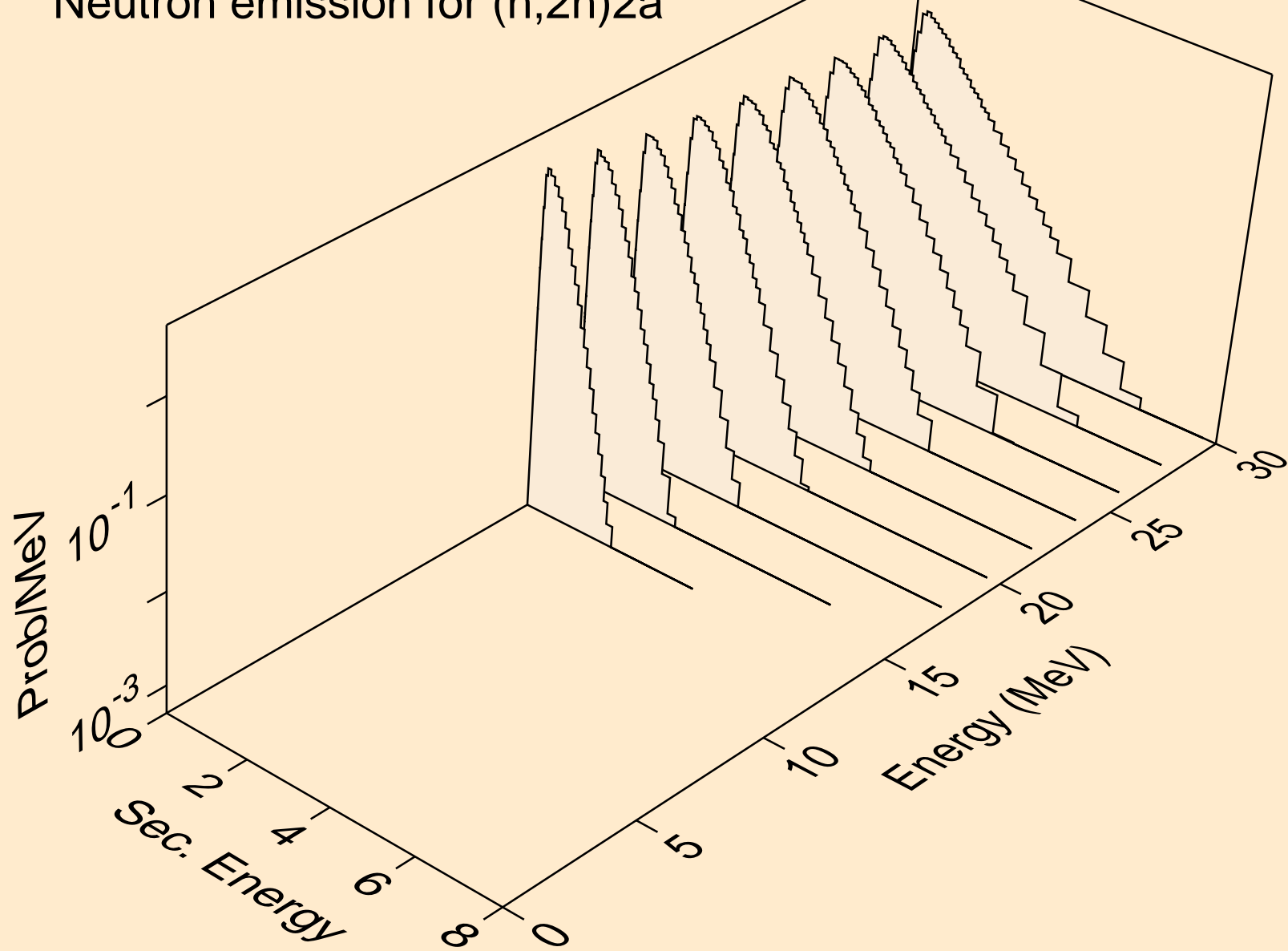
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Neutron emission for (n,n\*)p



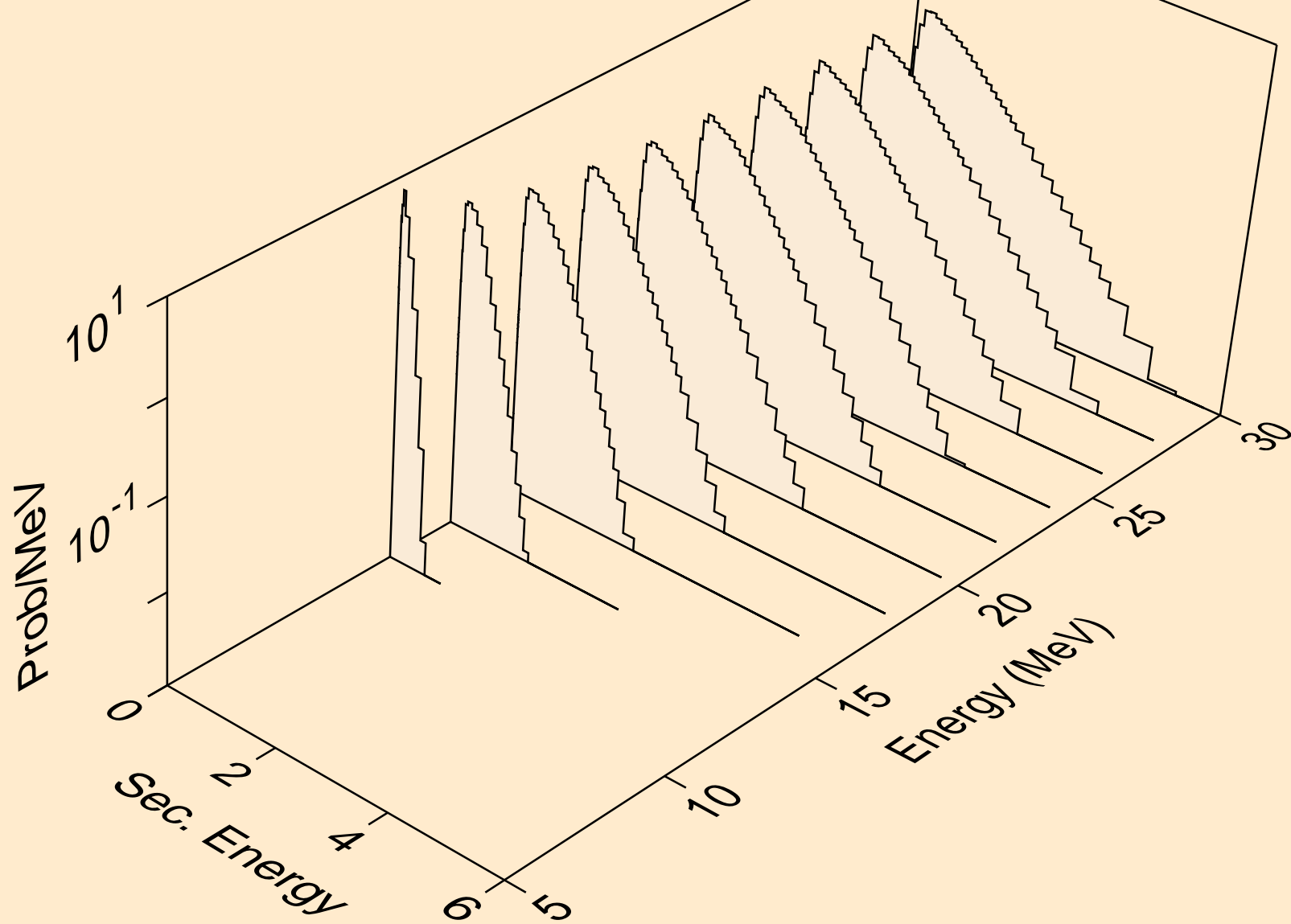
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Neutron emission for (n,n\*)2a



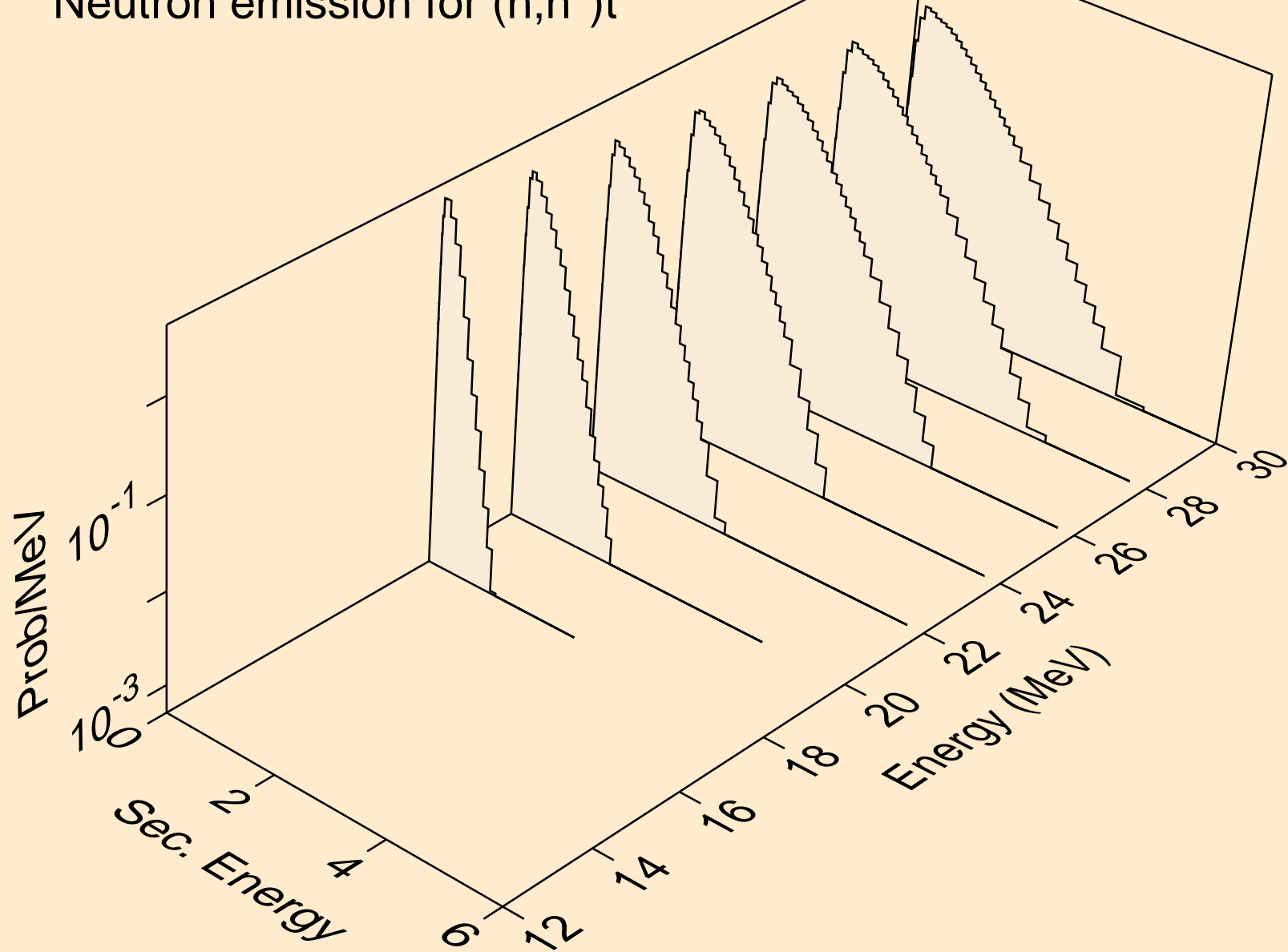
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Neutron emission for (n,2n)2a



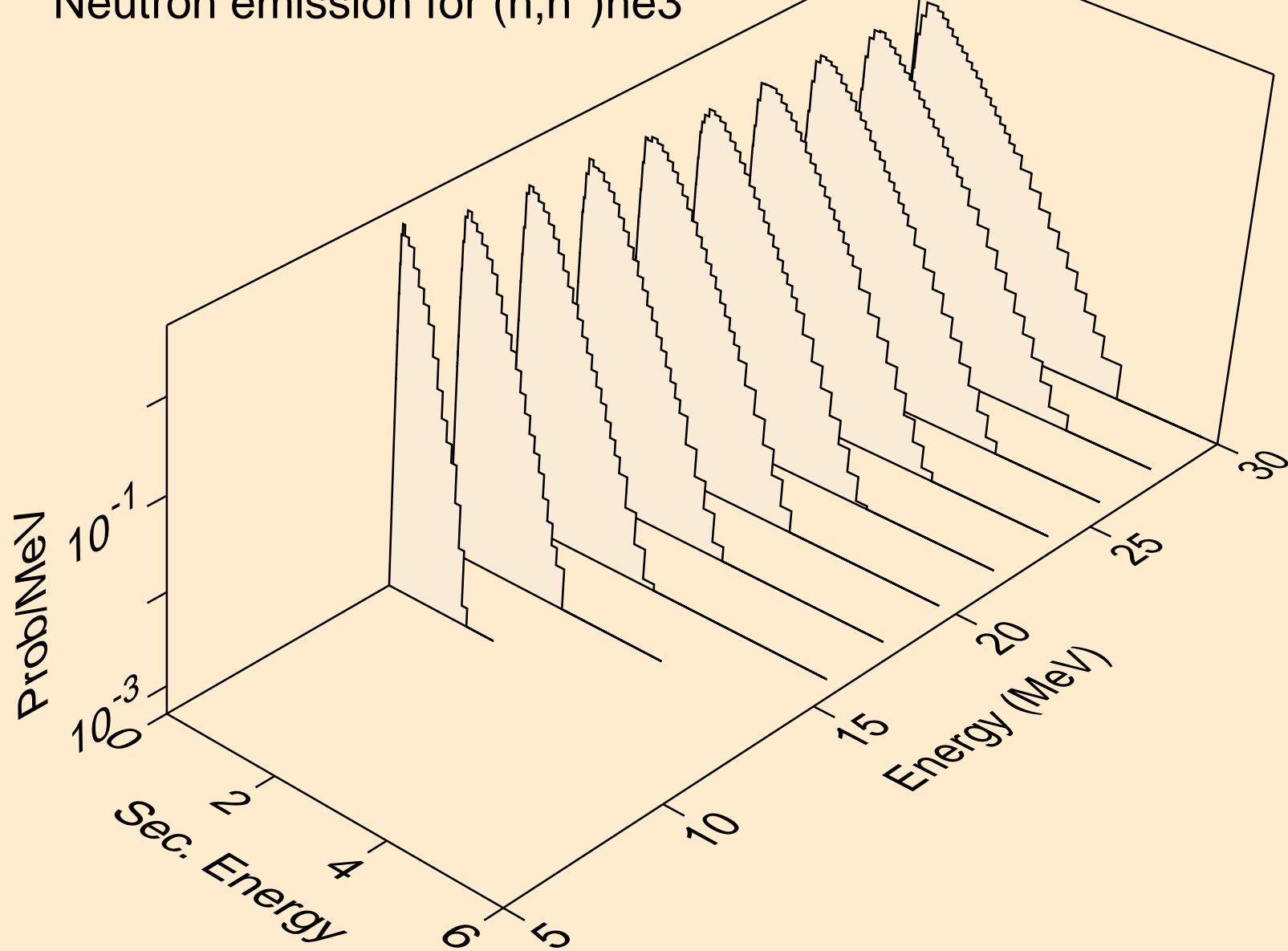
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

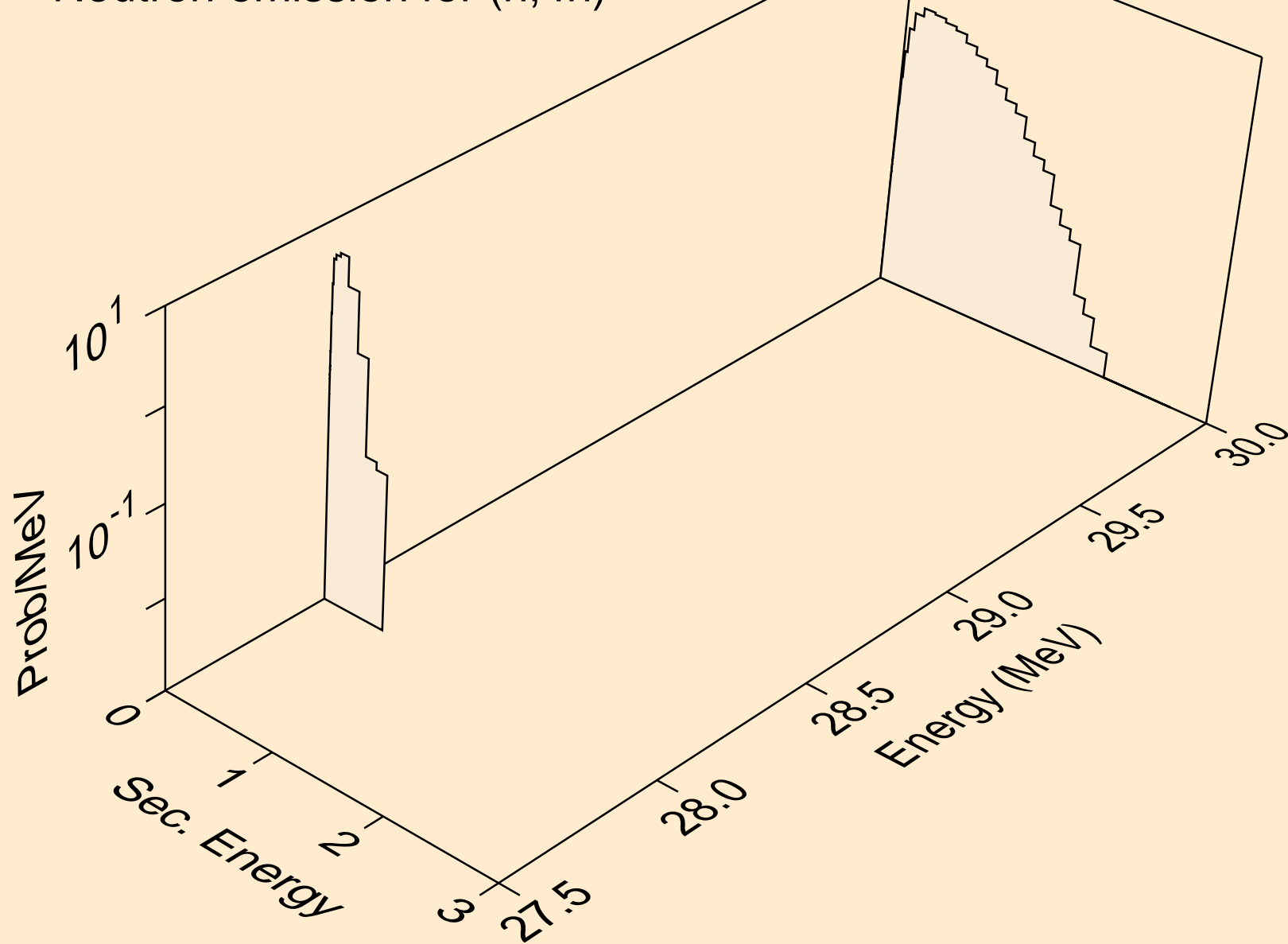


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

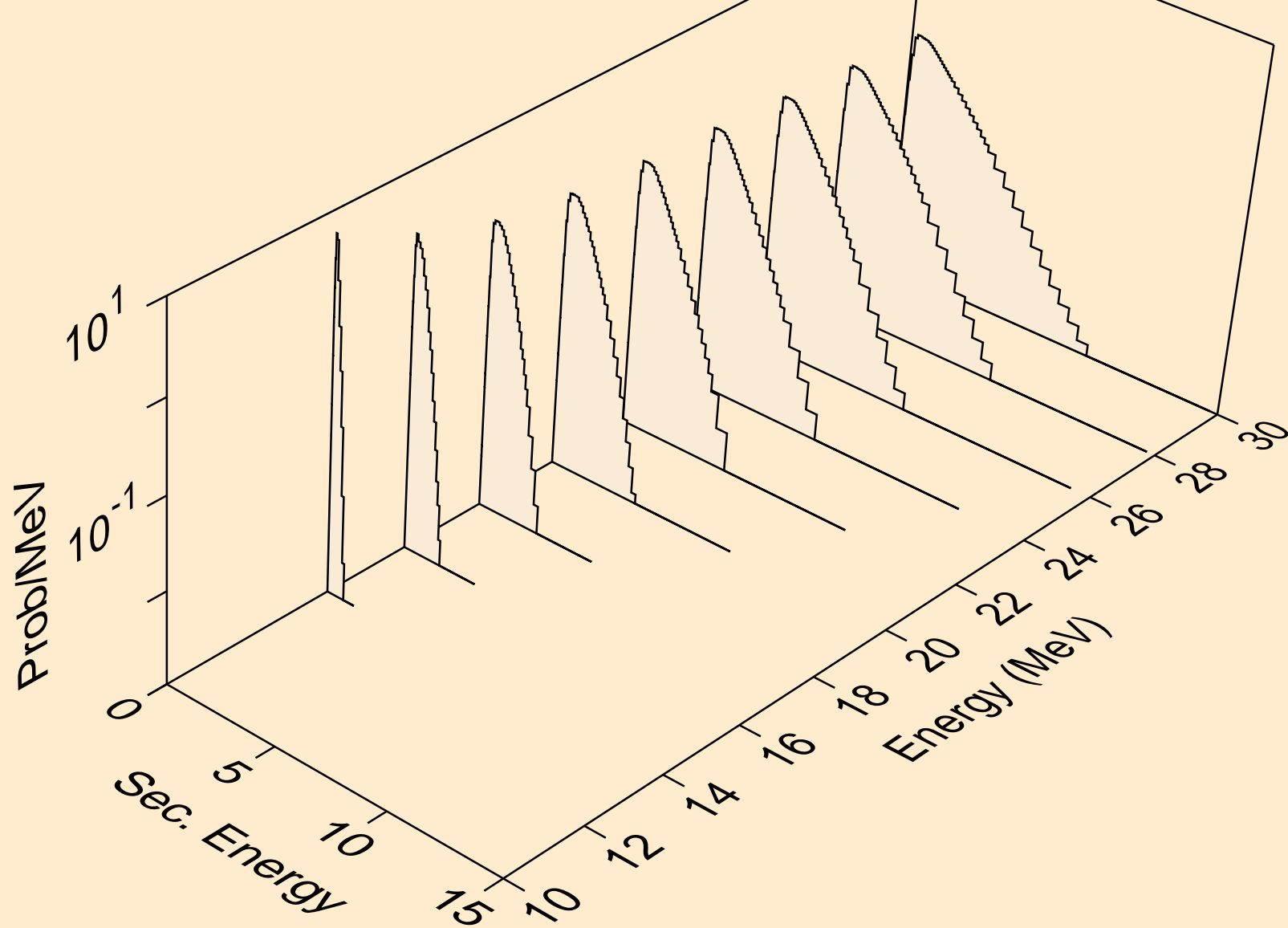




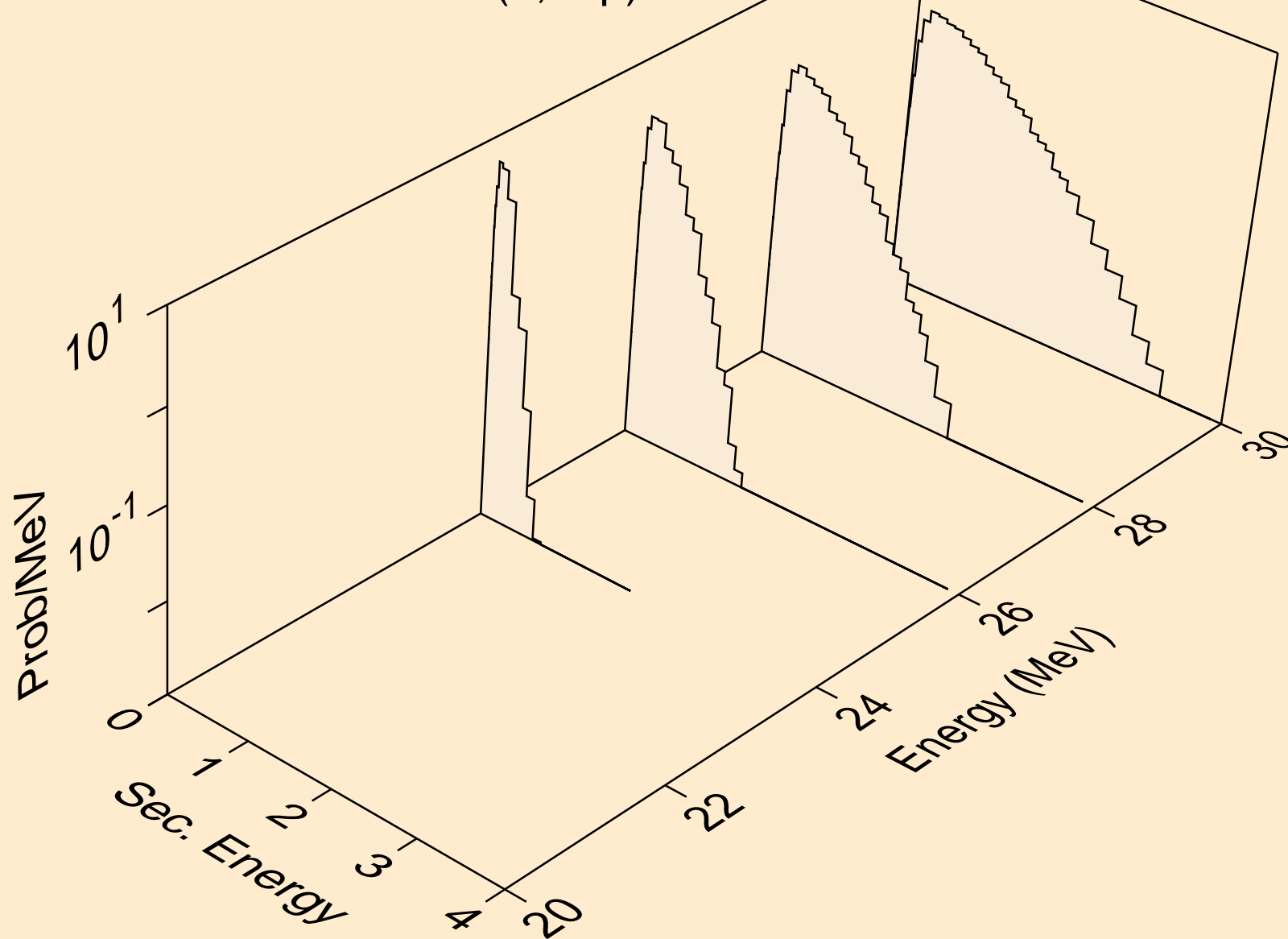
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



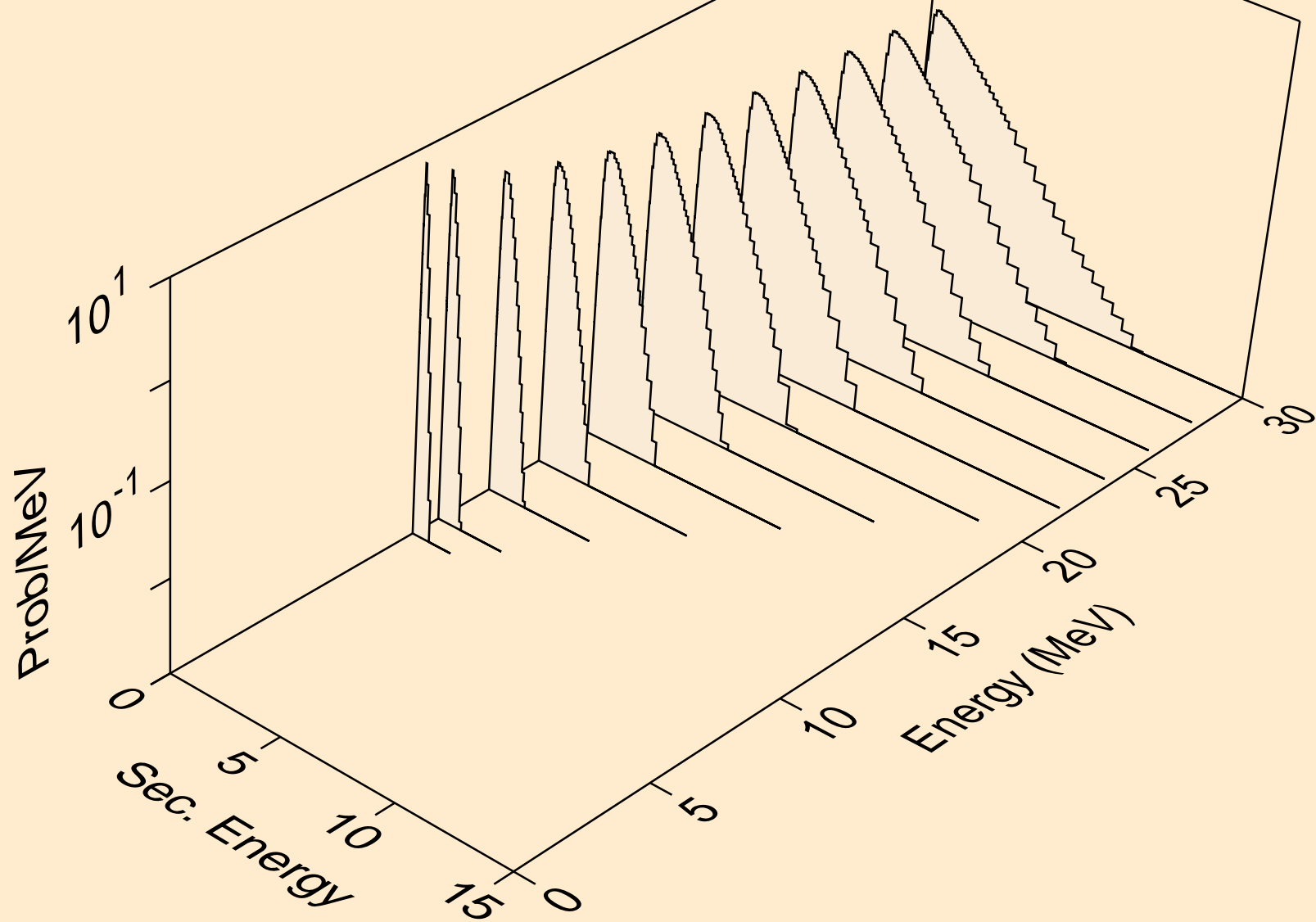
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Neutron emission for (n,2np)



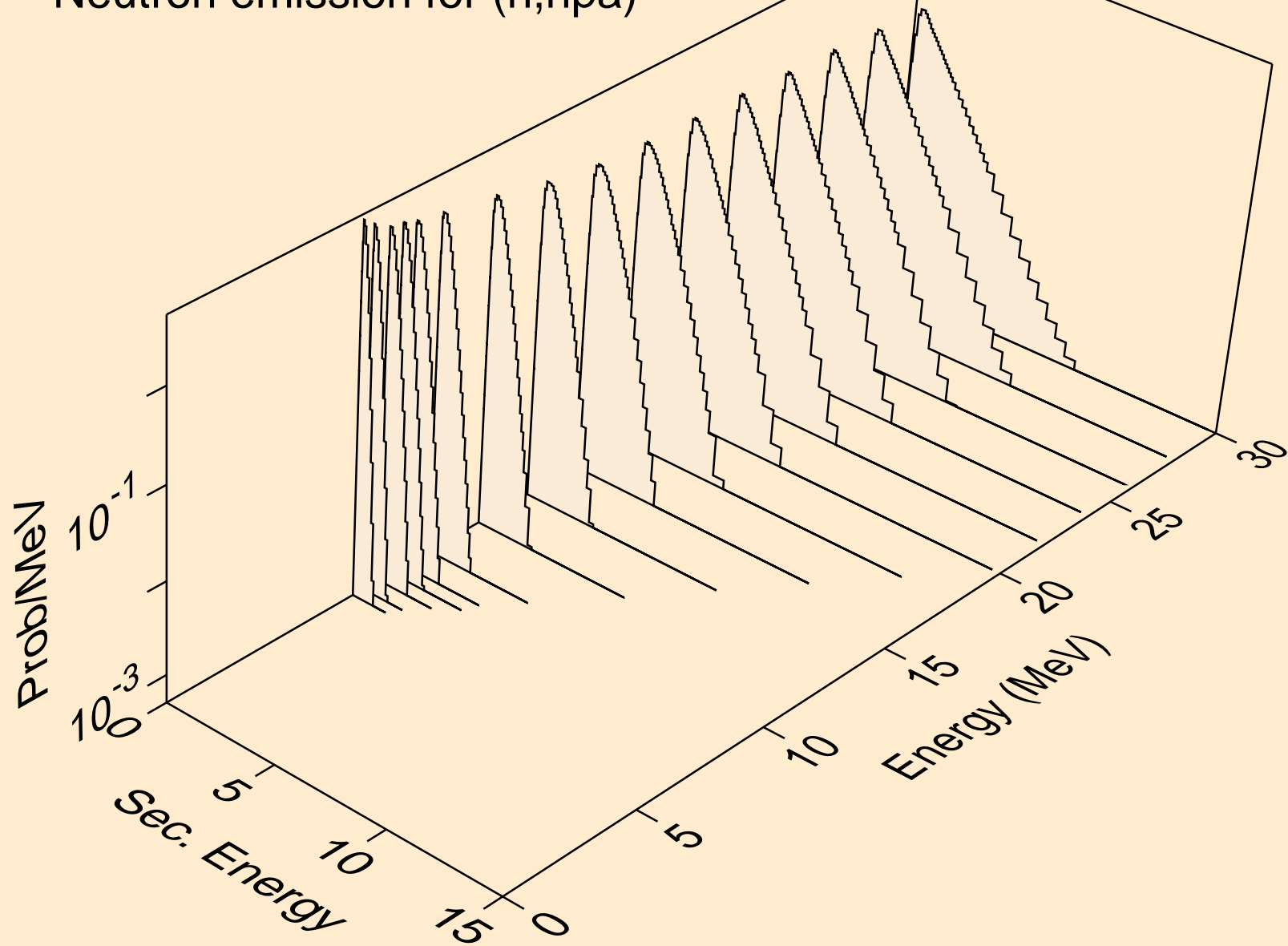
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Neutron emission for (n,3np)



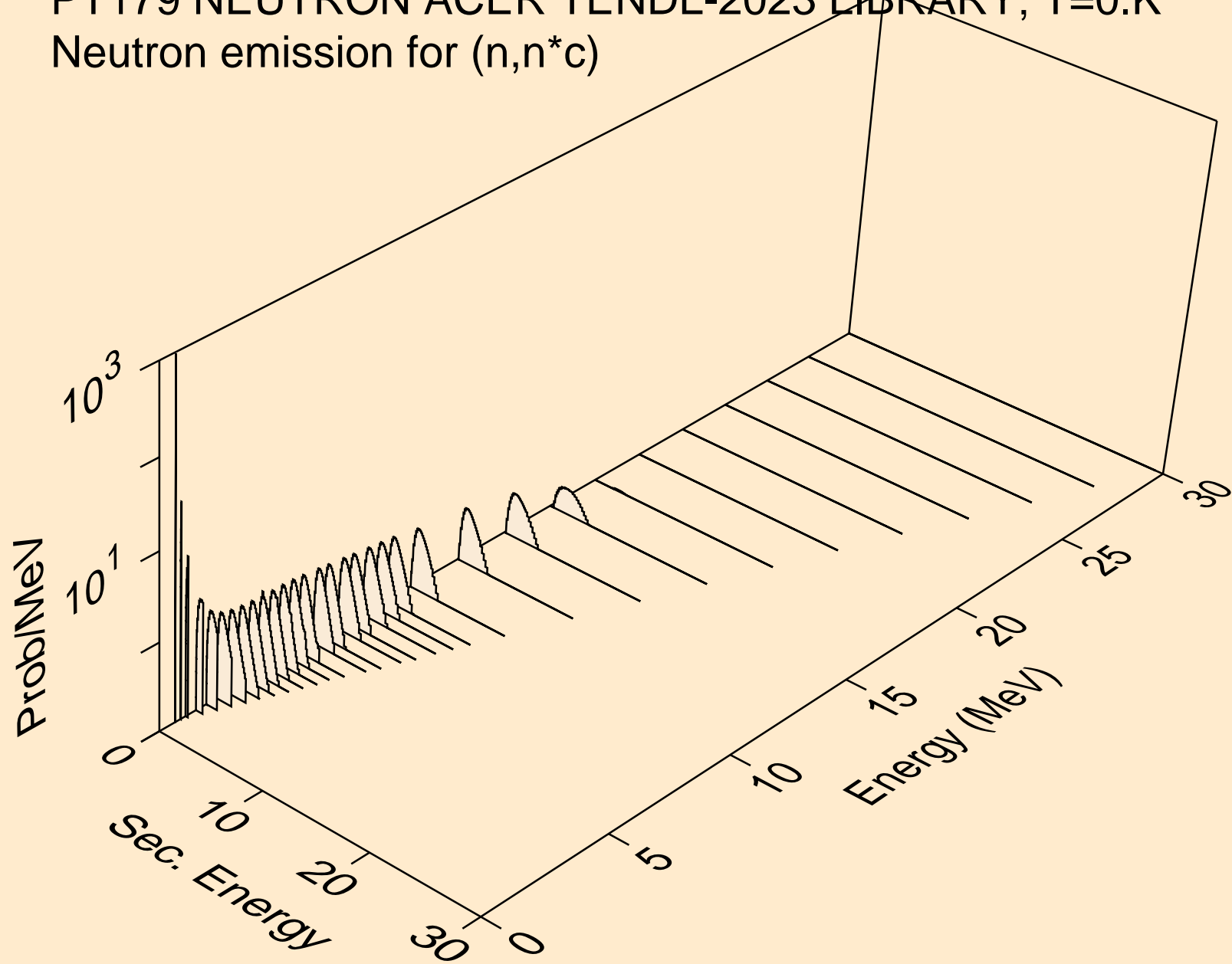
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Neutron emission for (n,n2p)



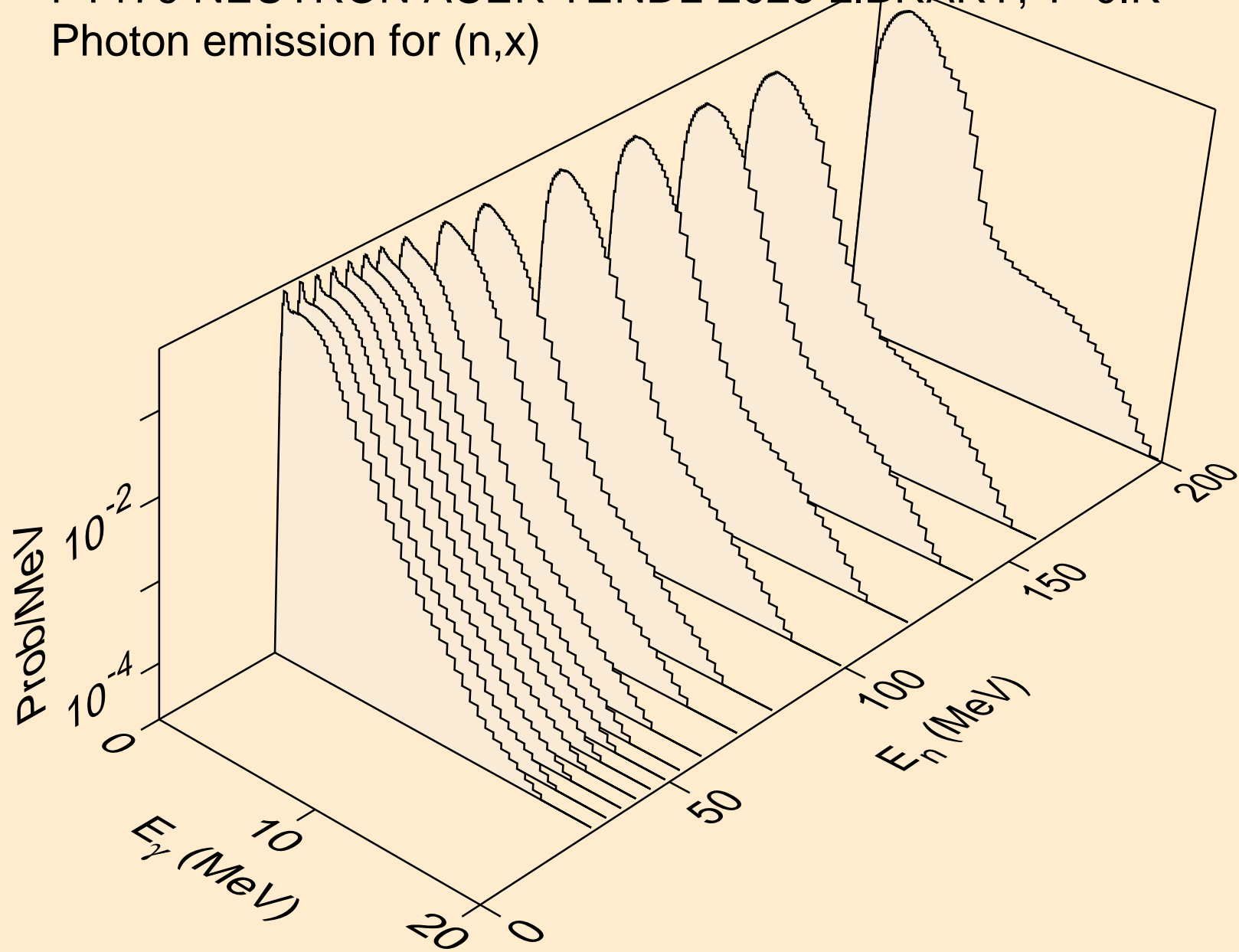
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Neutron emission for (n,npa)



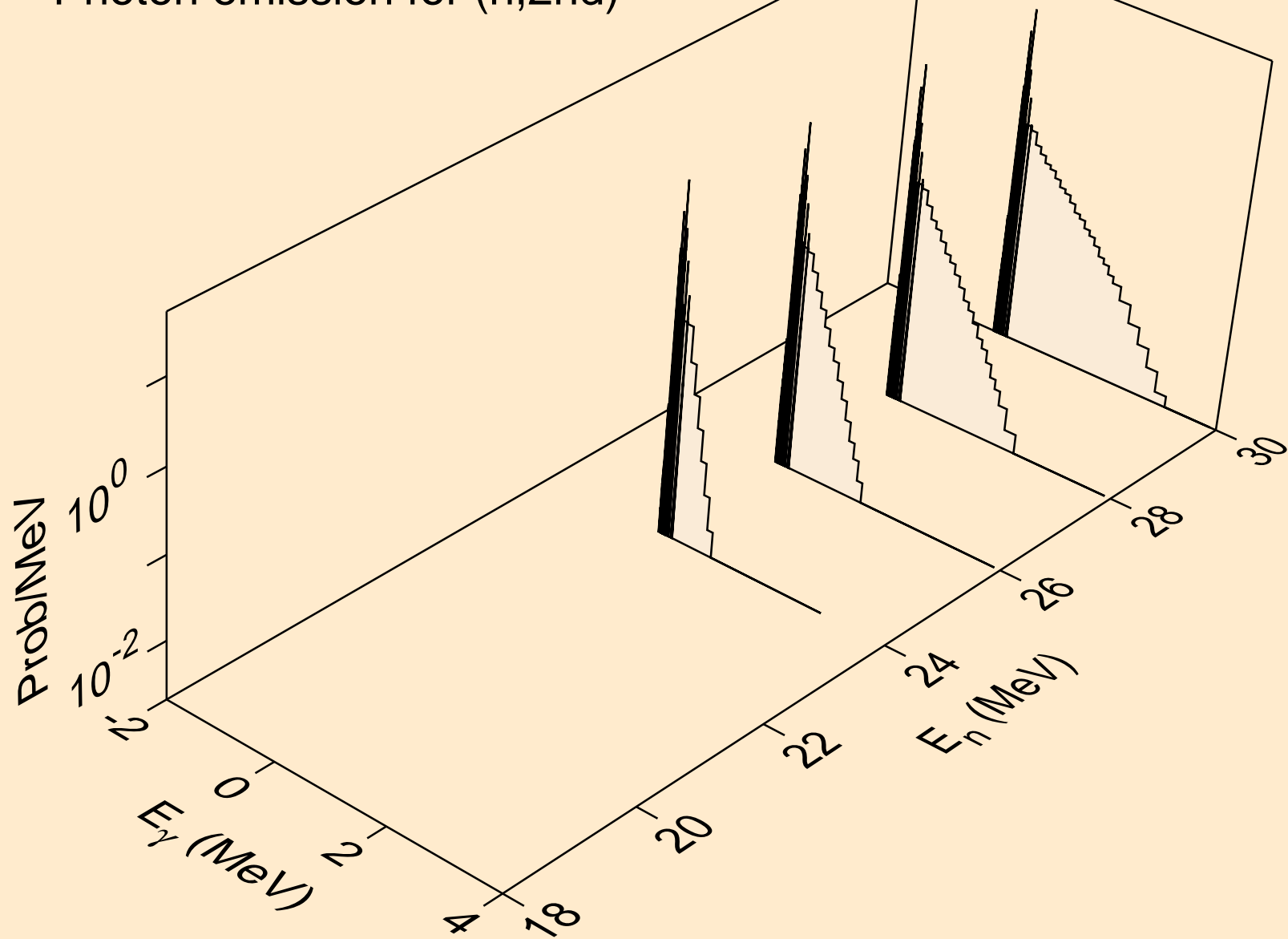
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

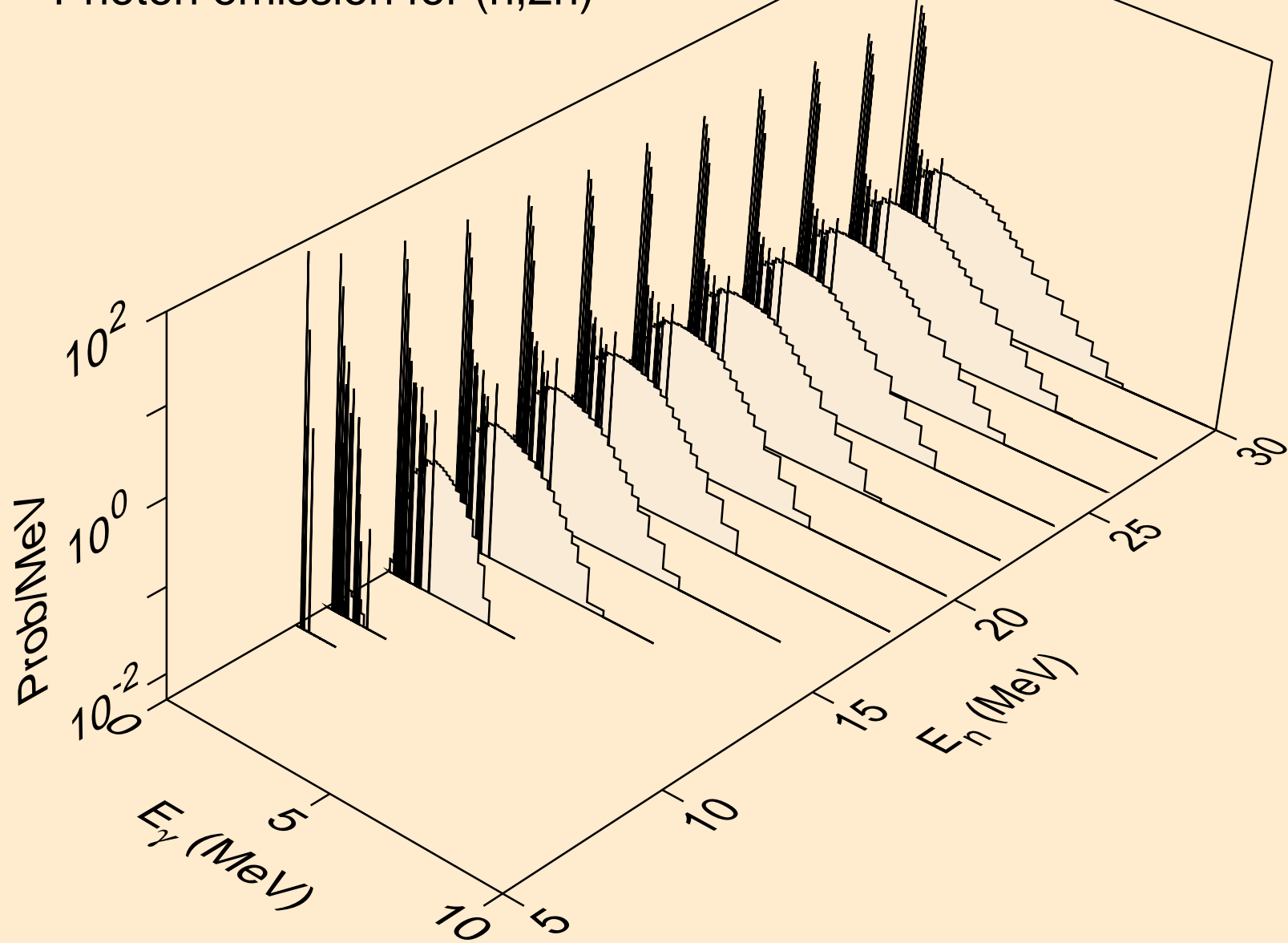


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

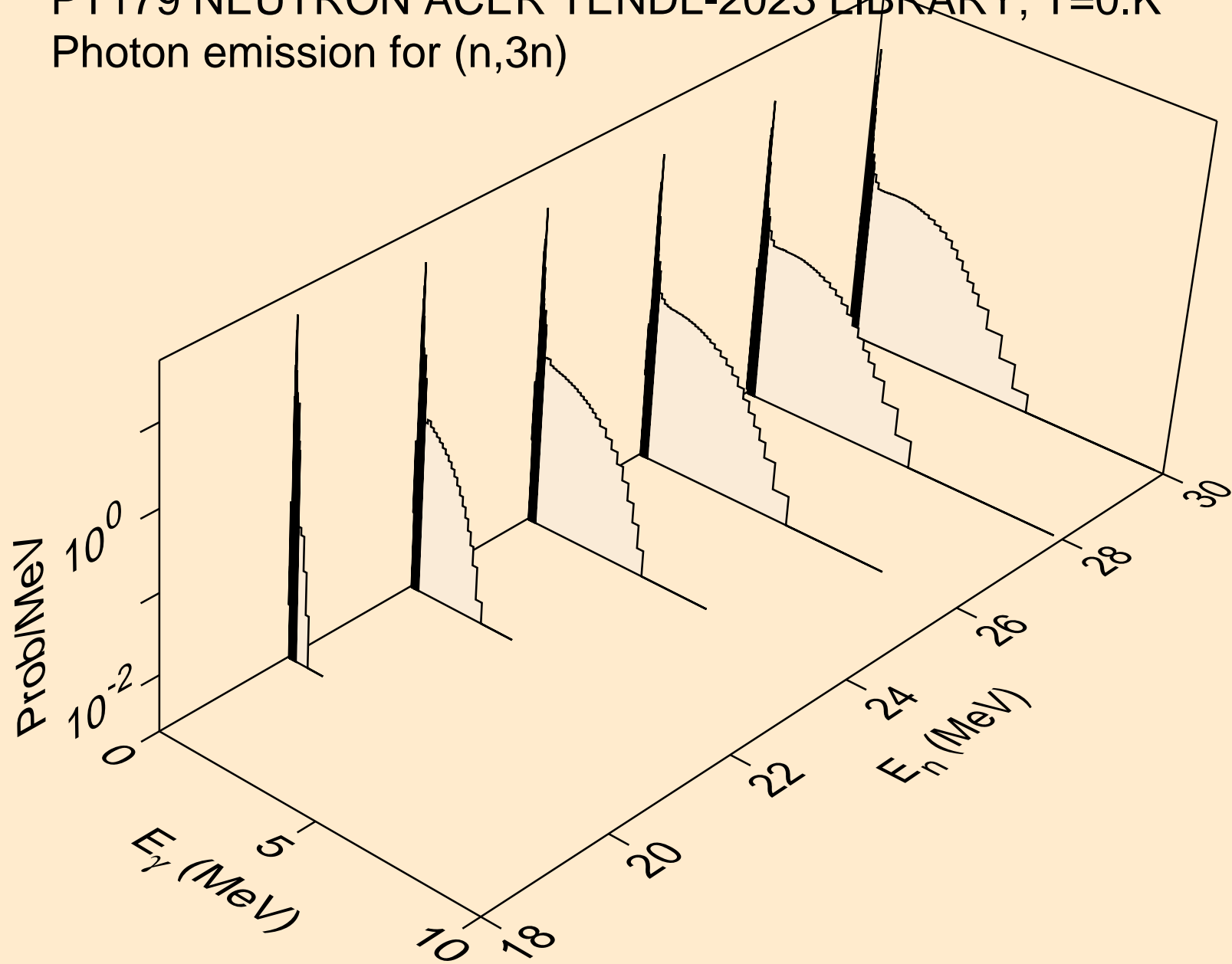




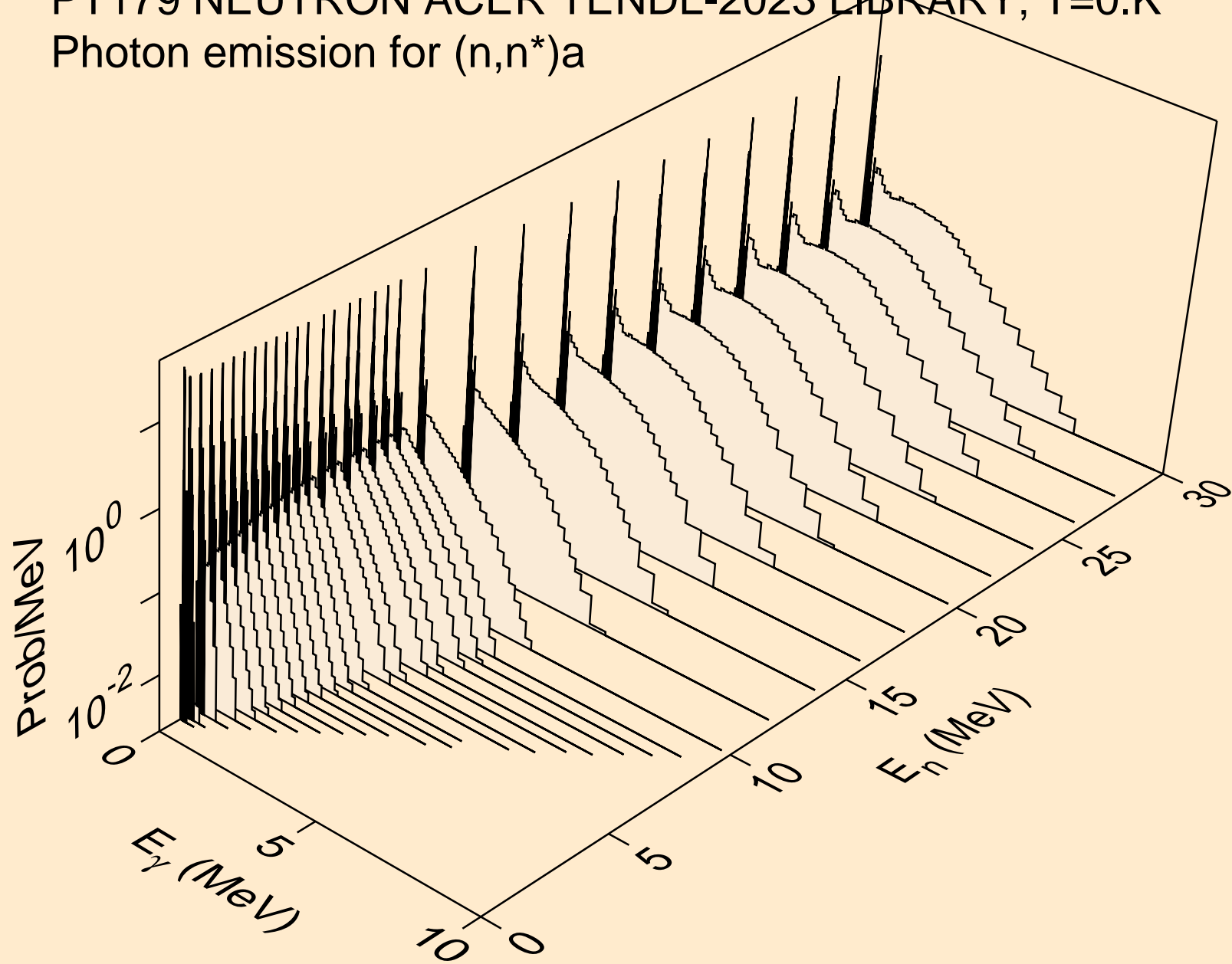
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Photon emission for (n,2n)



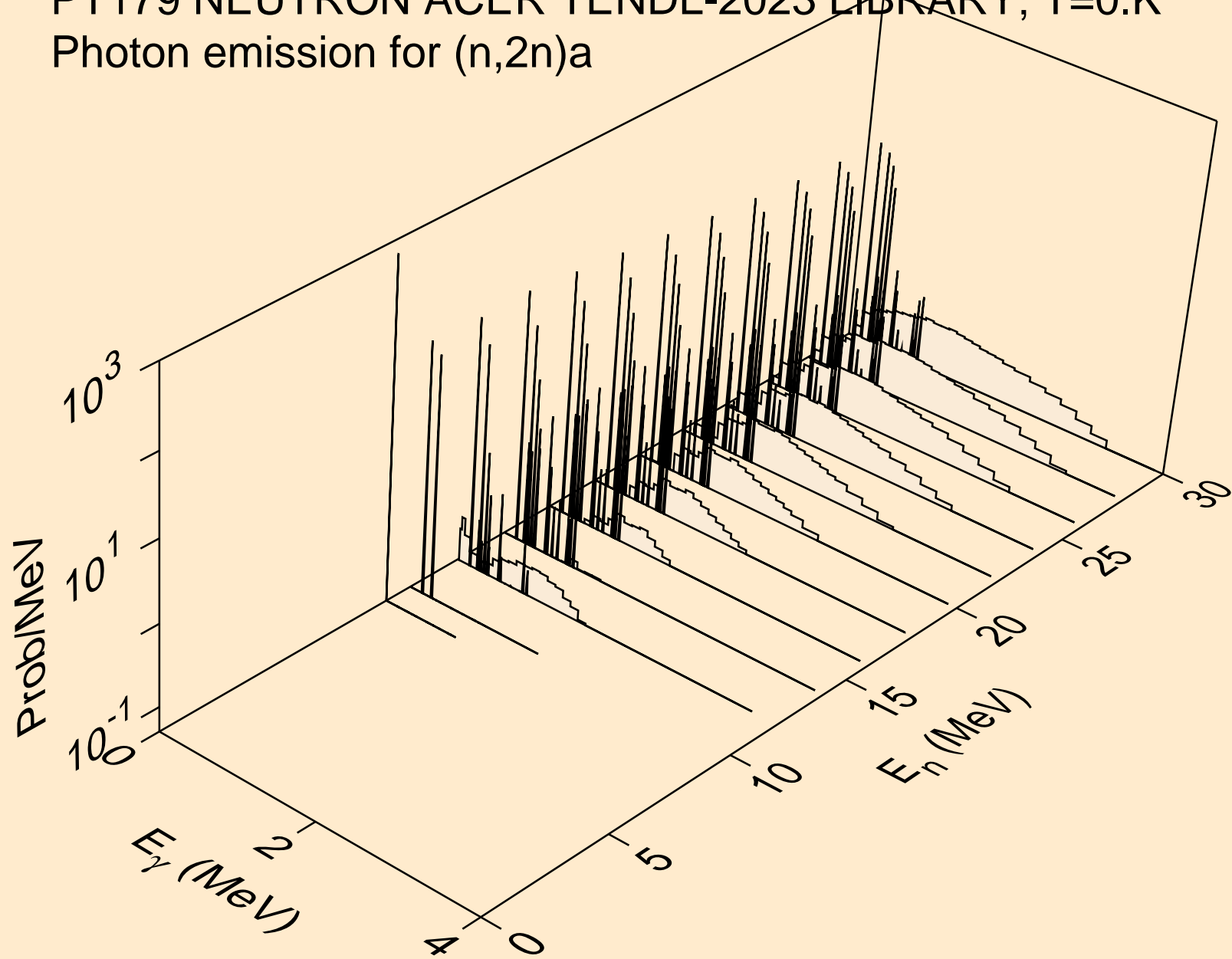
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Photon emission for (n,3n)



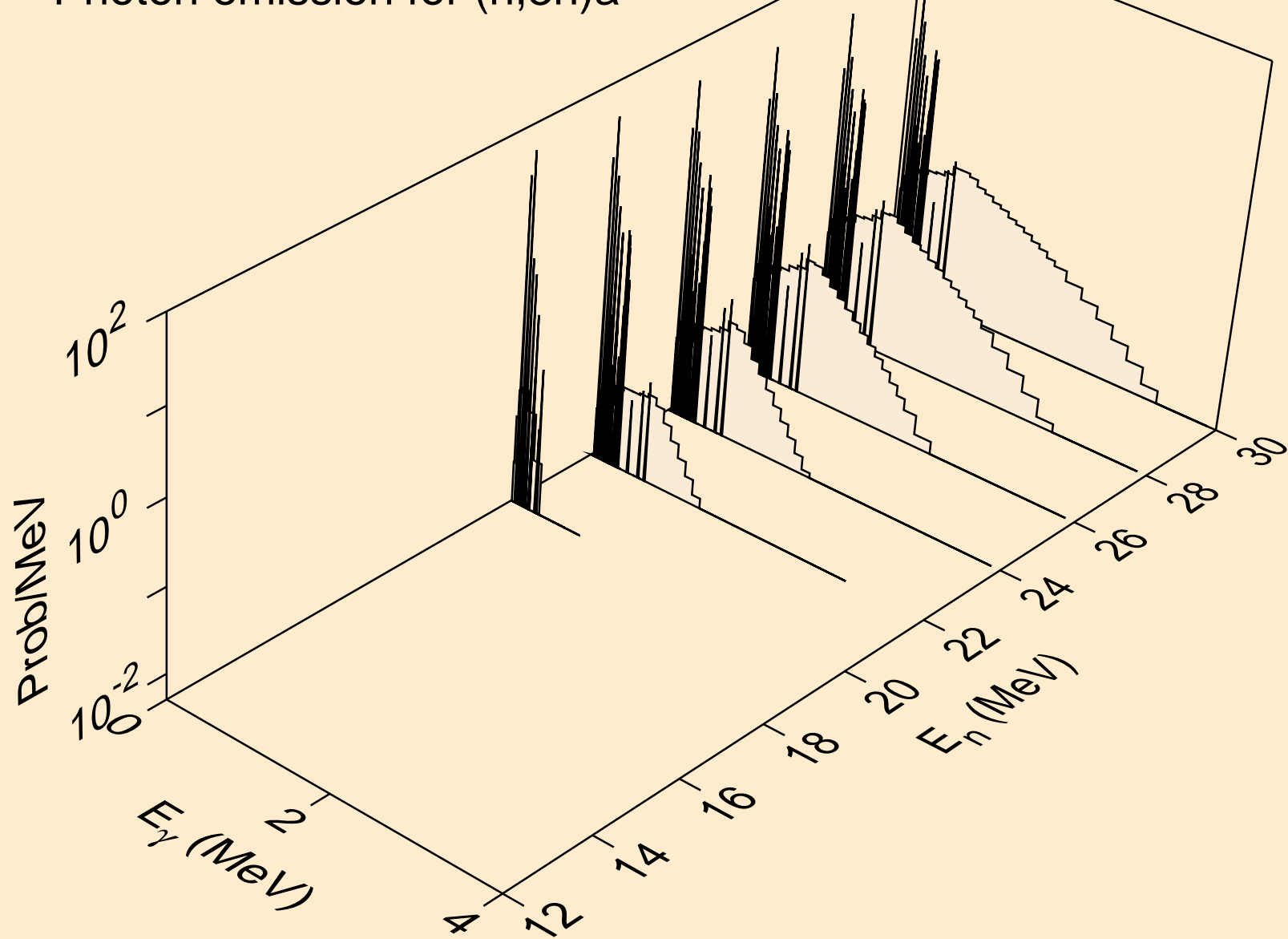
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Photon emission for (n,n\*)a



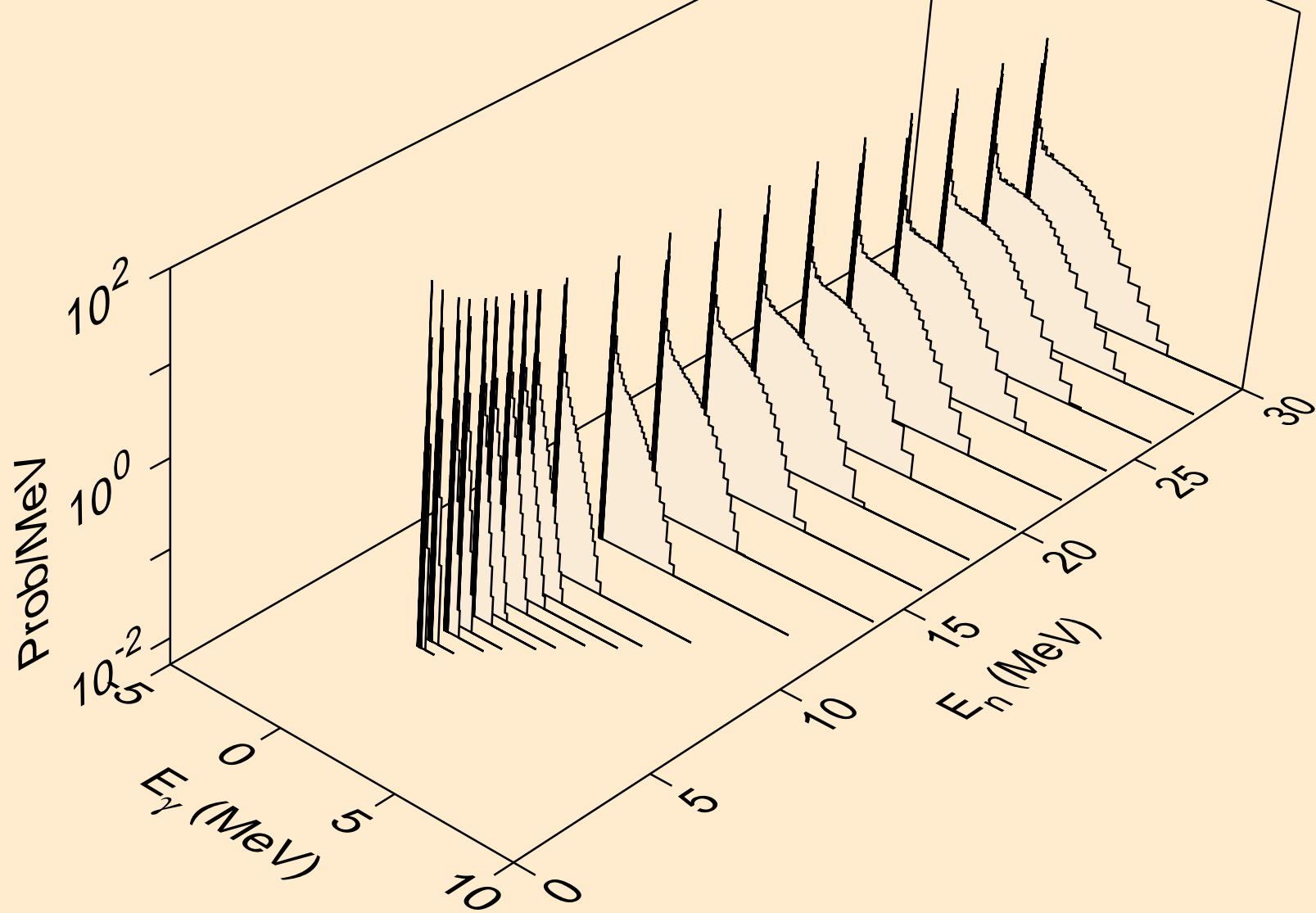
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Photon emission for (n,2n)a



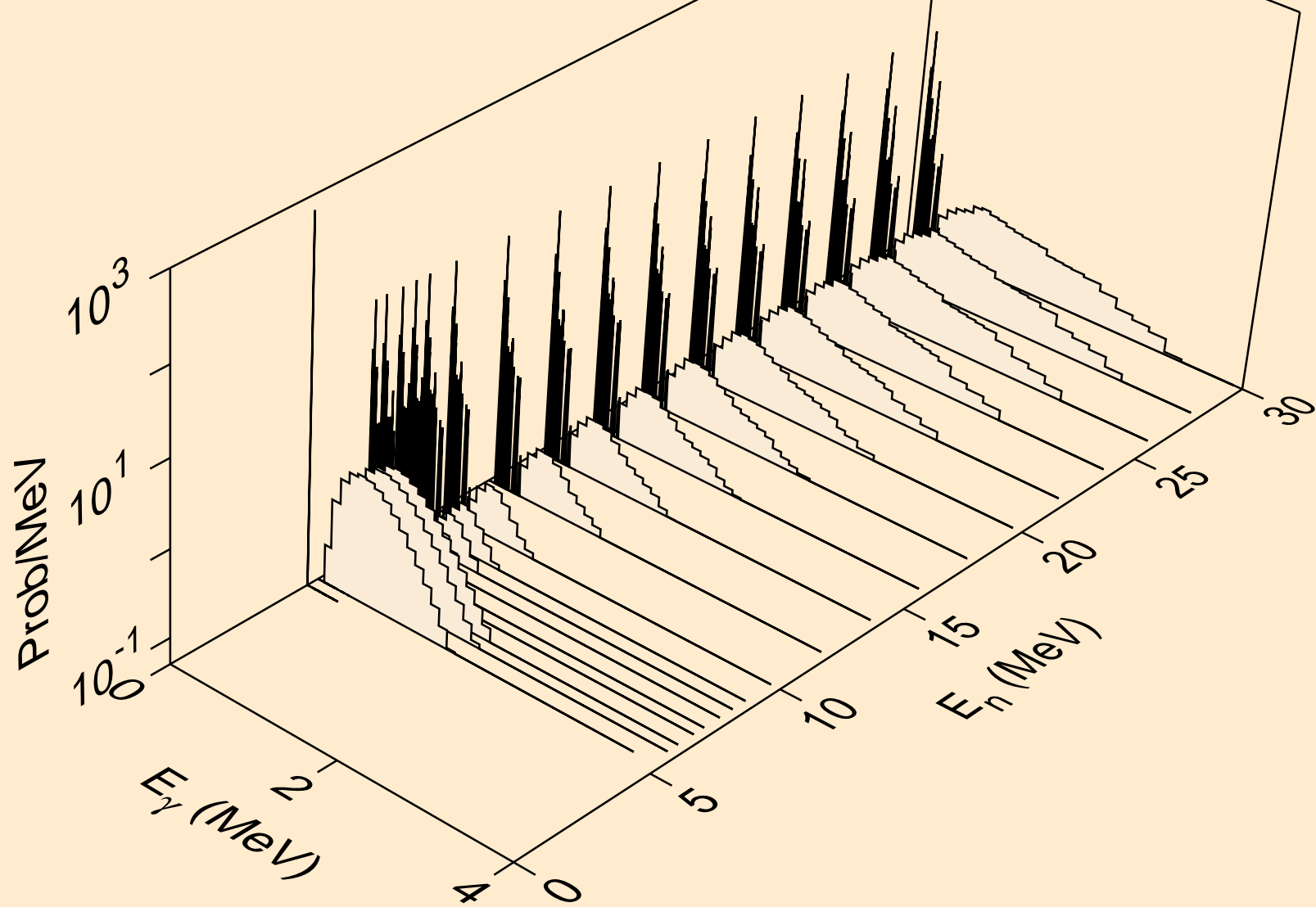
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Photon emission for (n,3n)a



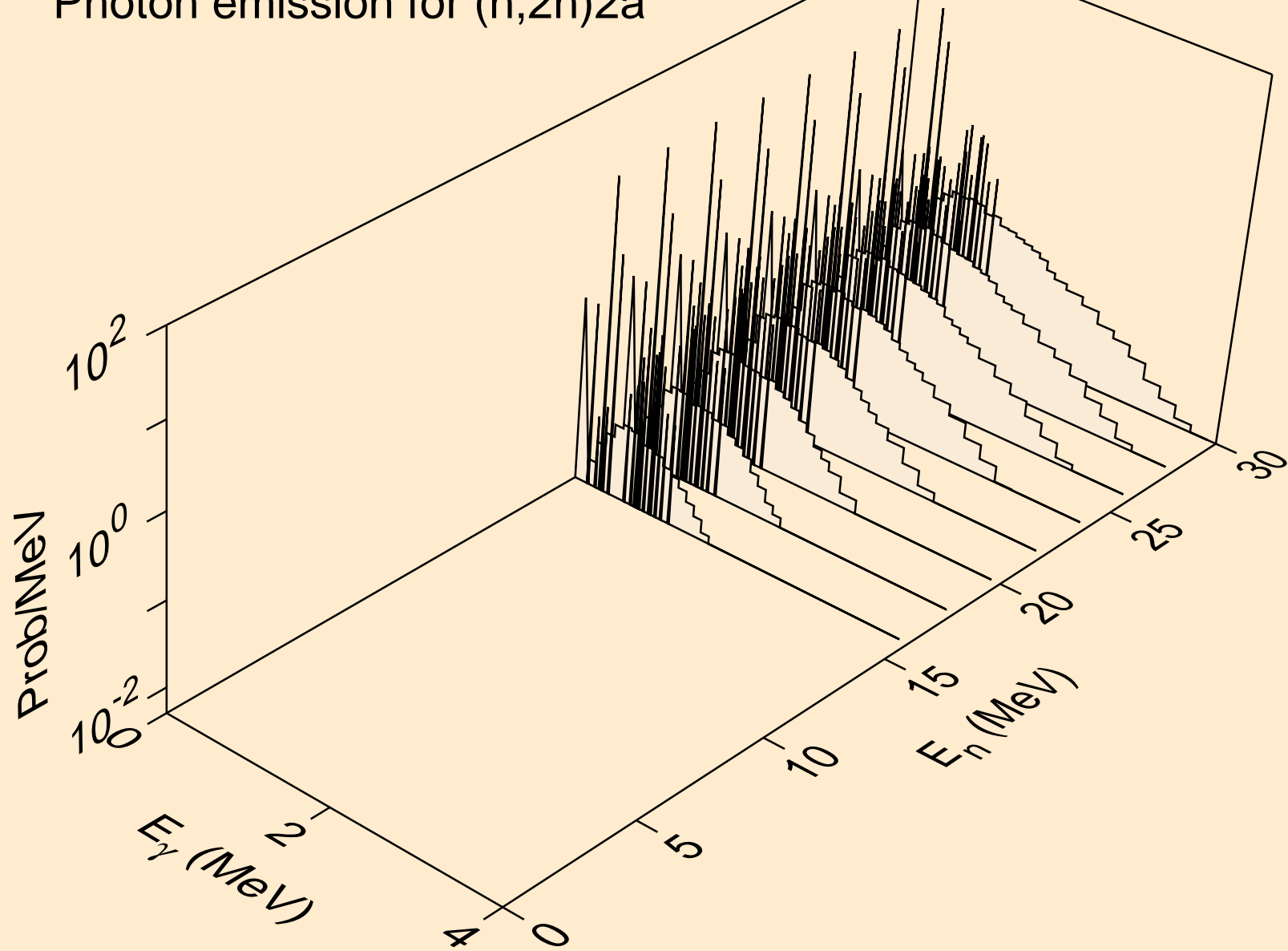
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

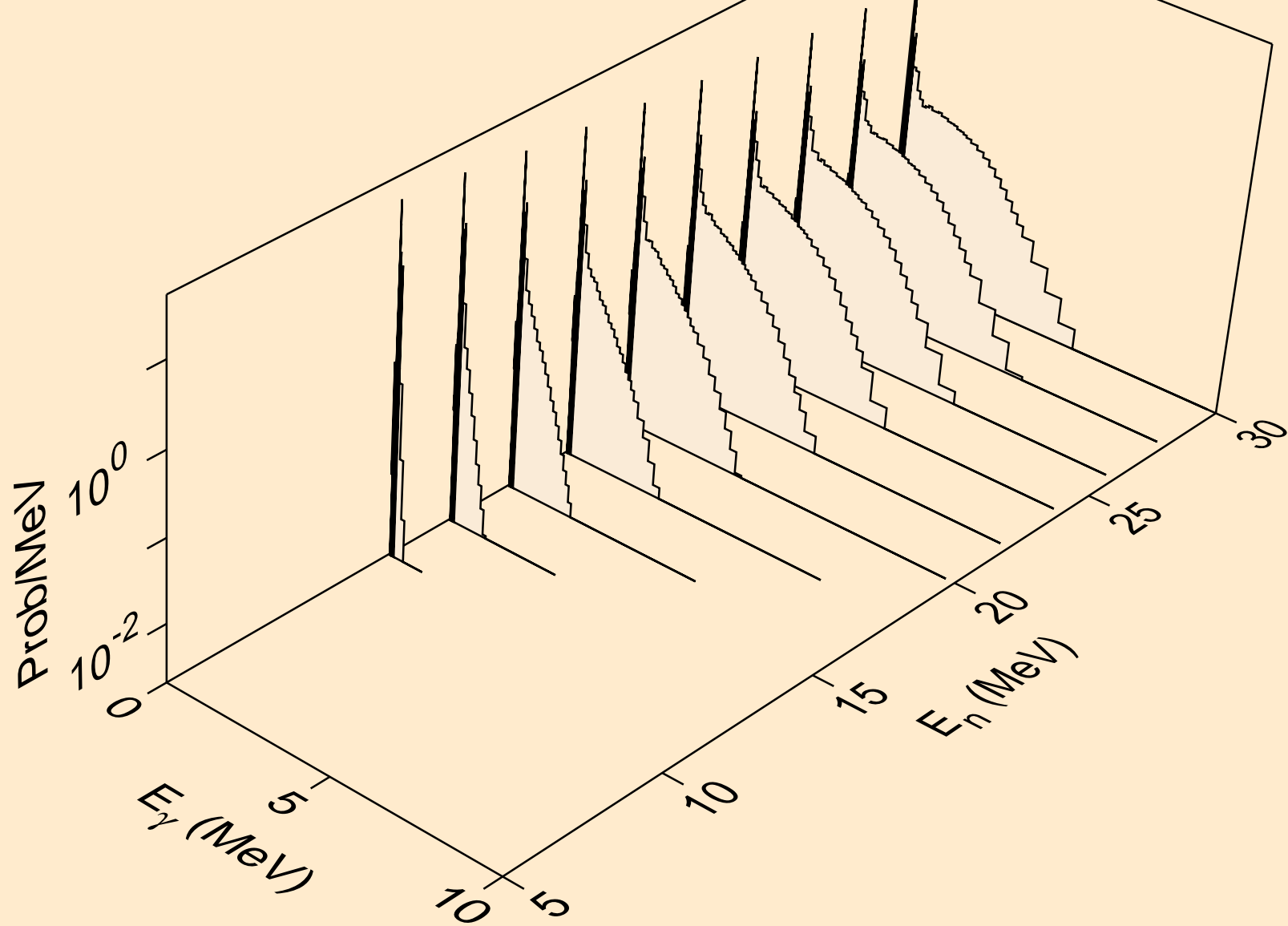


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Photon emission for (n,2n)2a

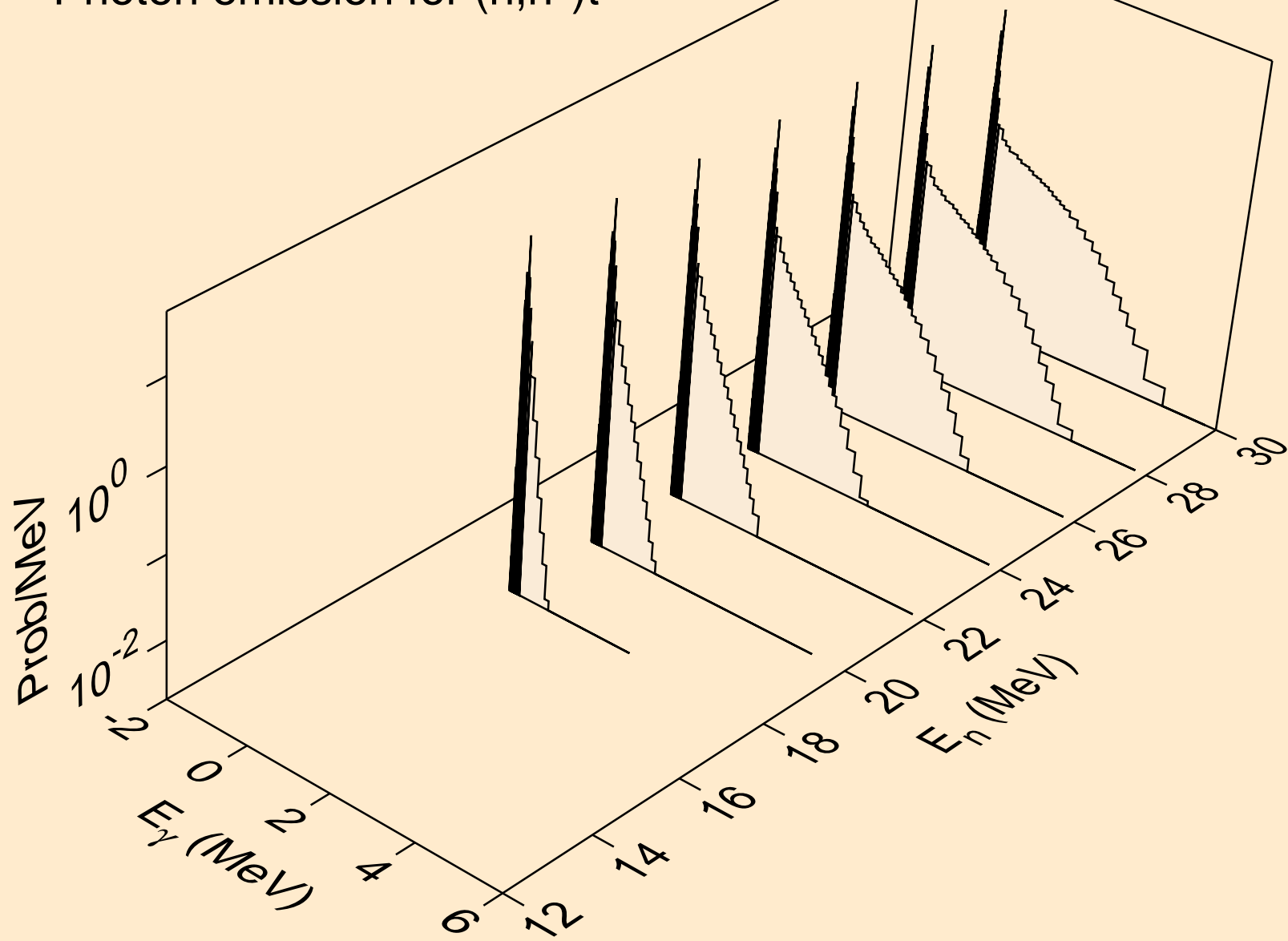




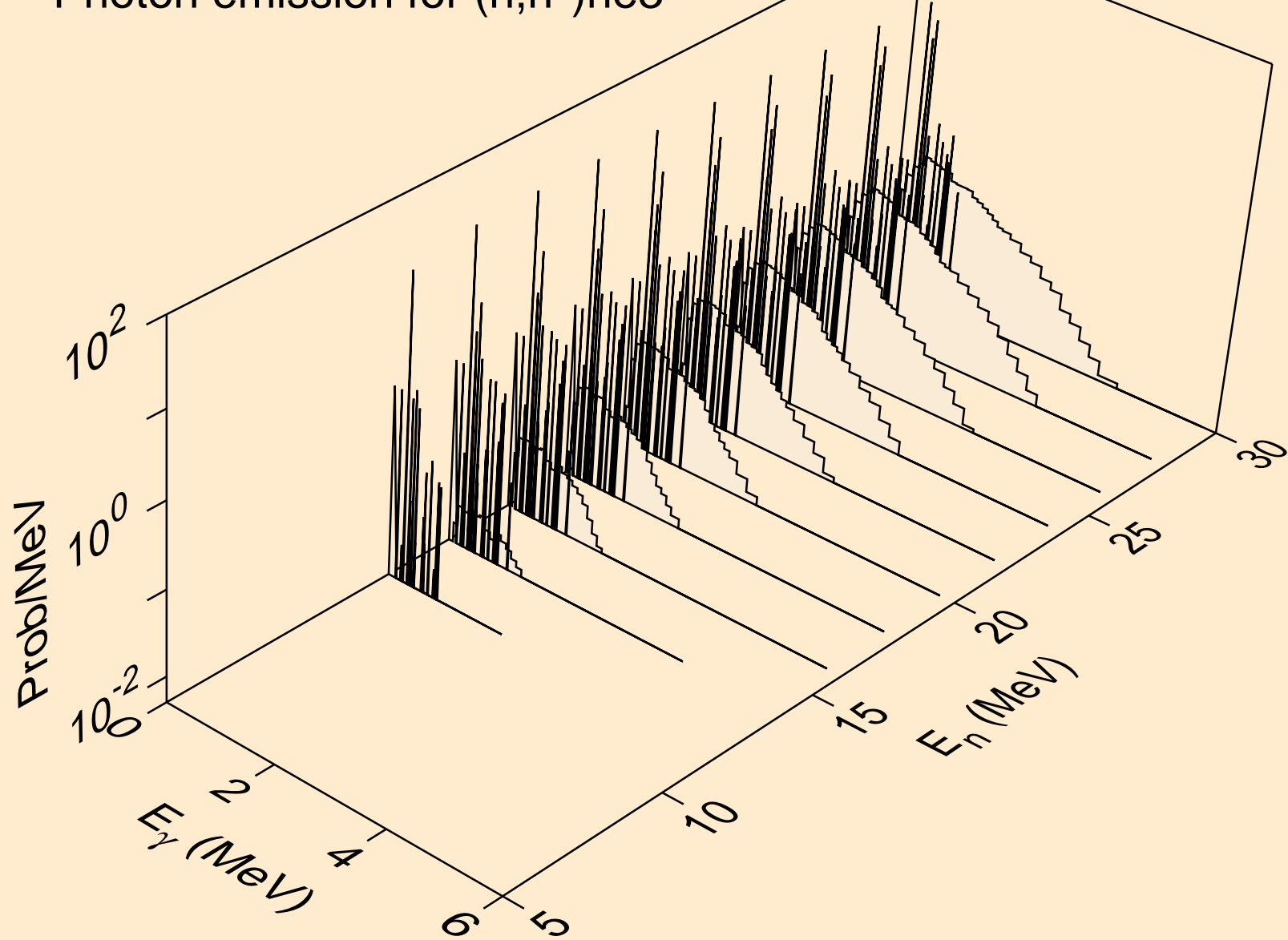
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Photon emission for (n,n\*)d



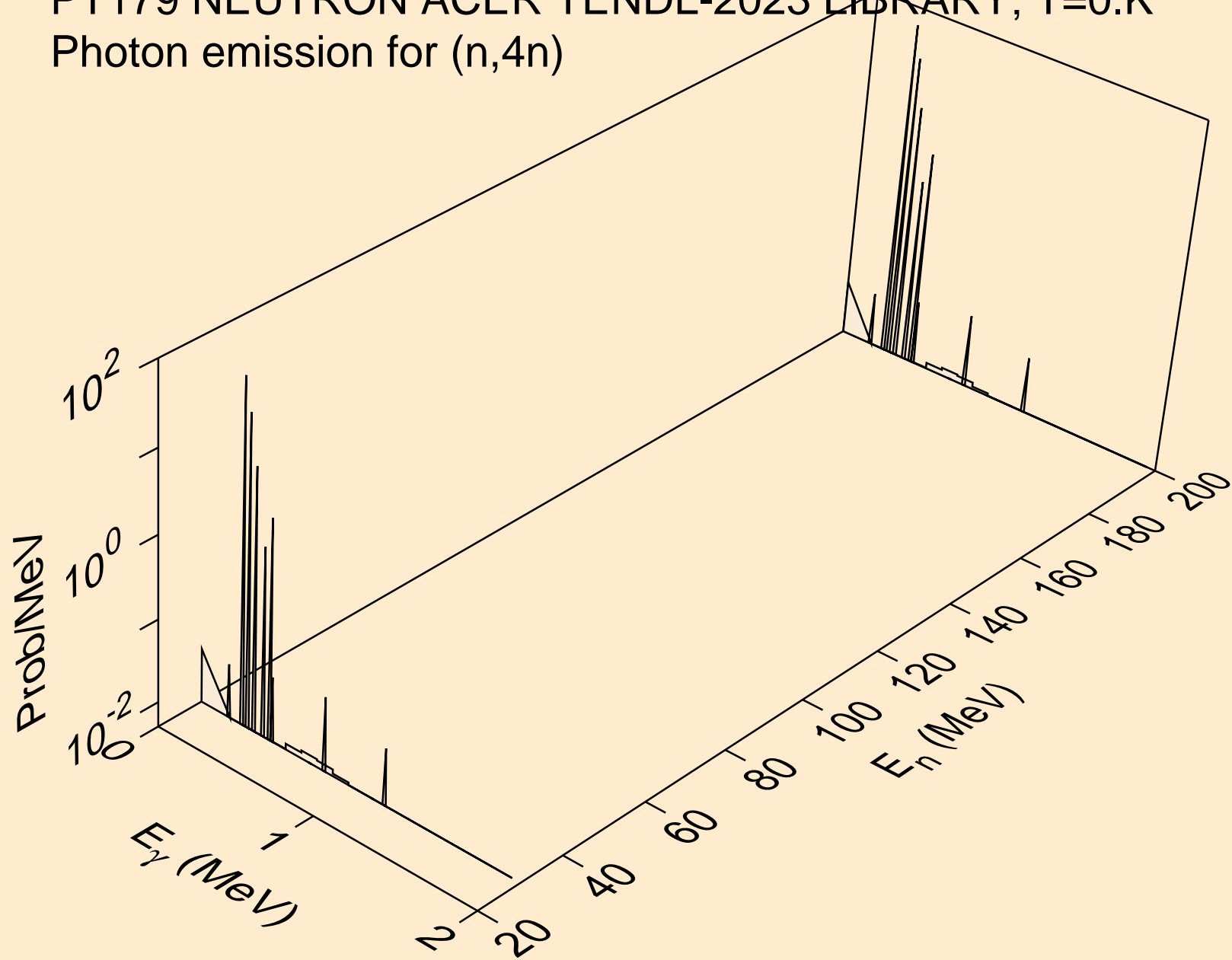
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Photon emission for (n,n\*)t



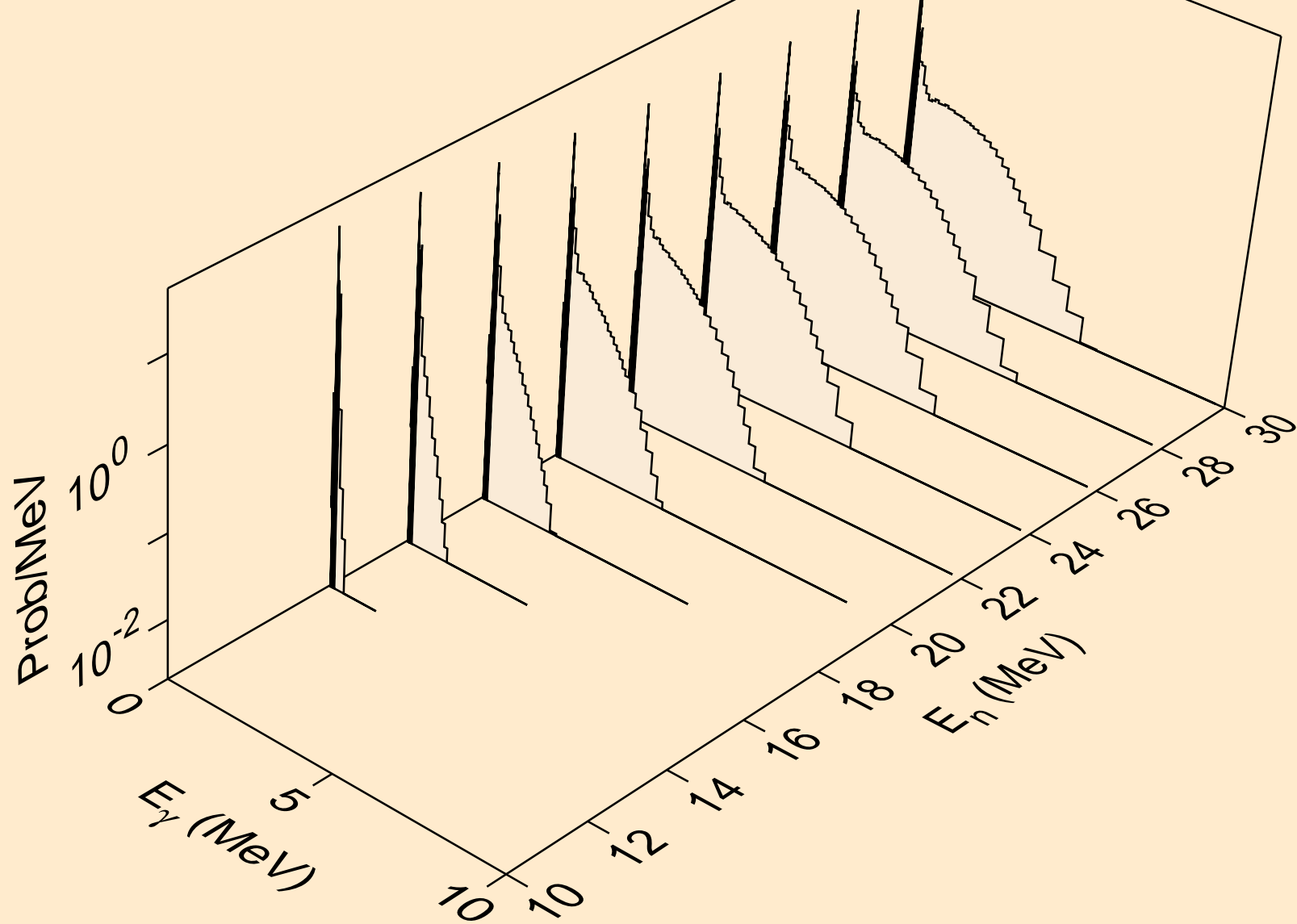
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Photon emission for (n,n\*)he3



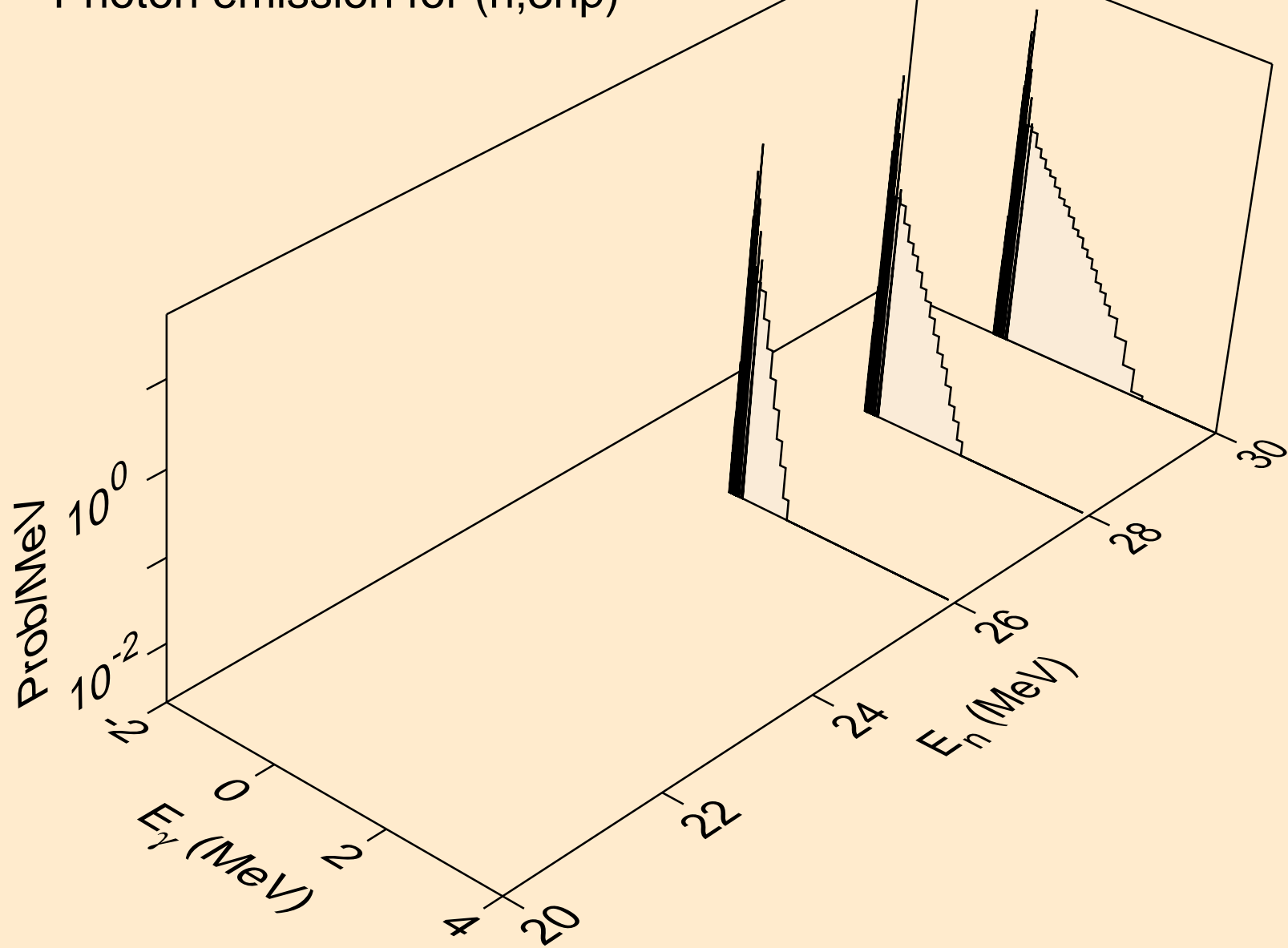
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



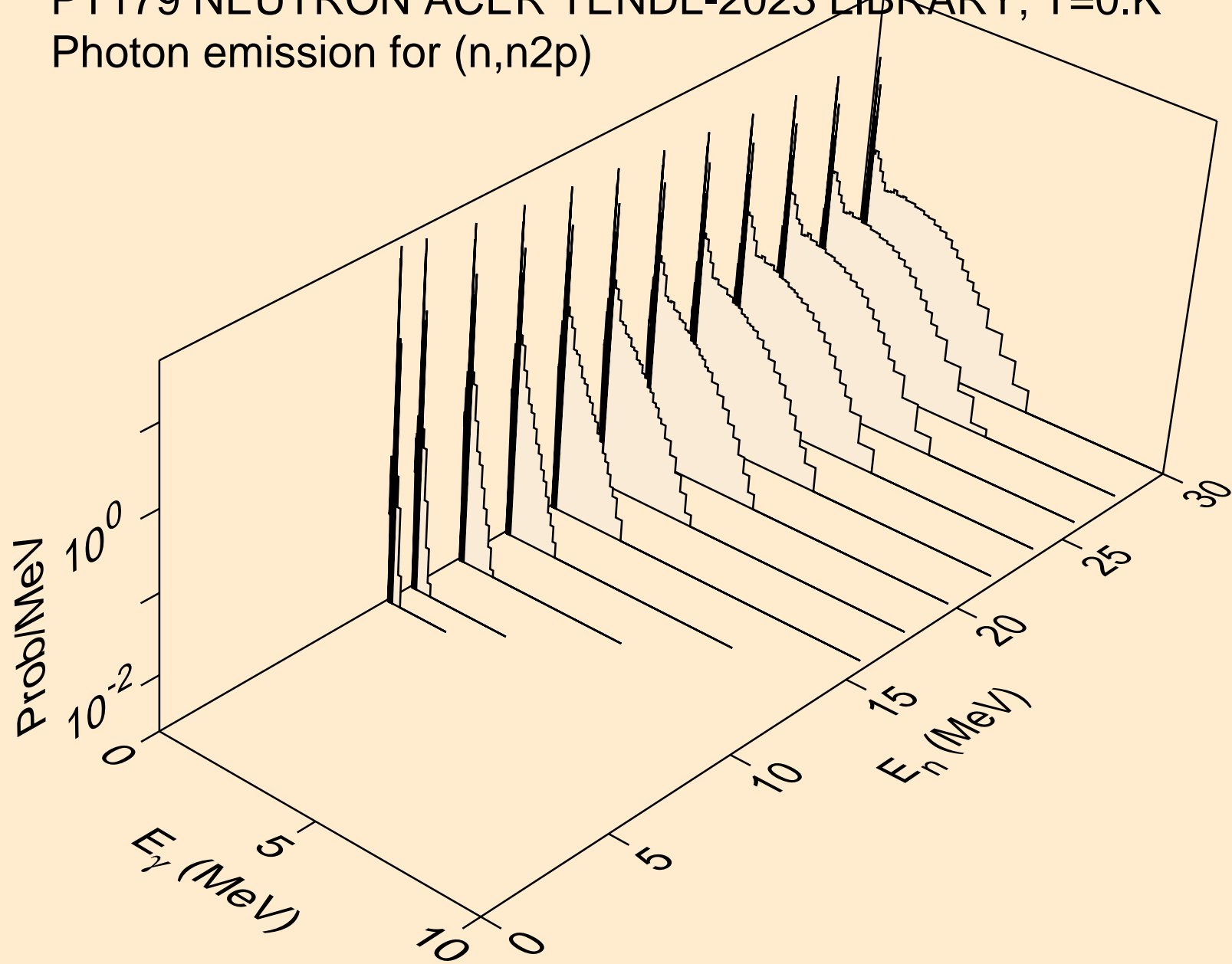
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Photon emission for (n,2np)



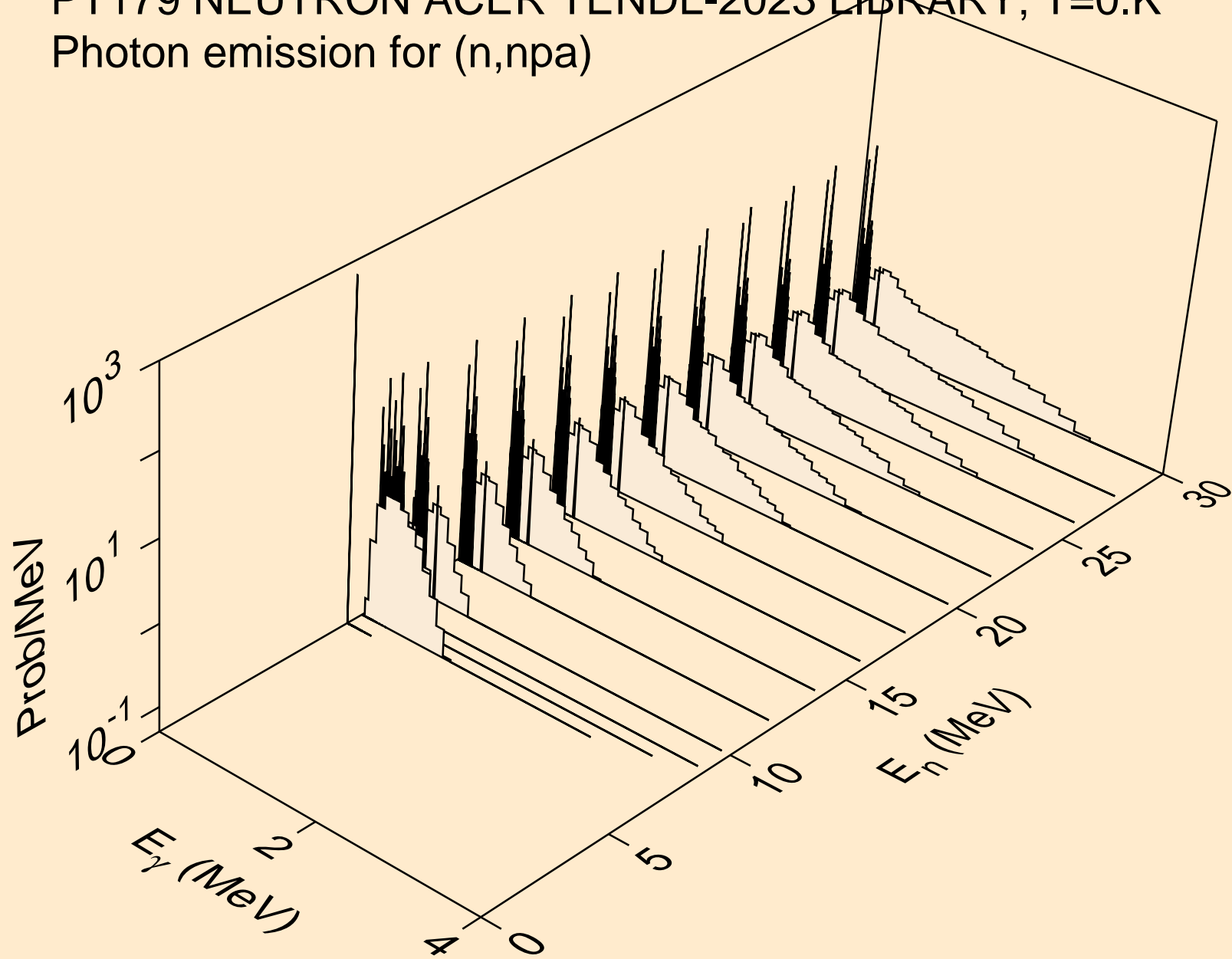
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

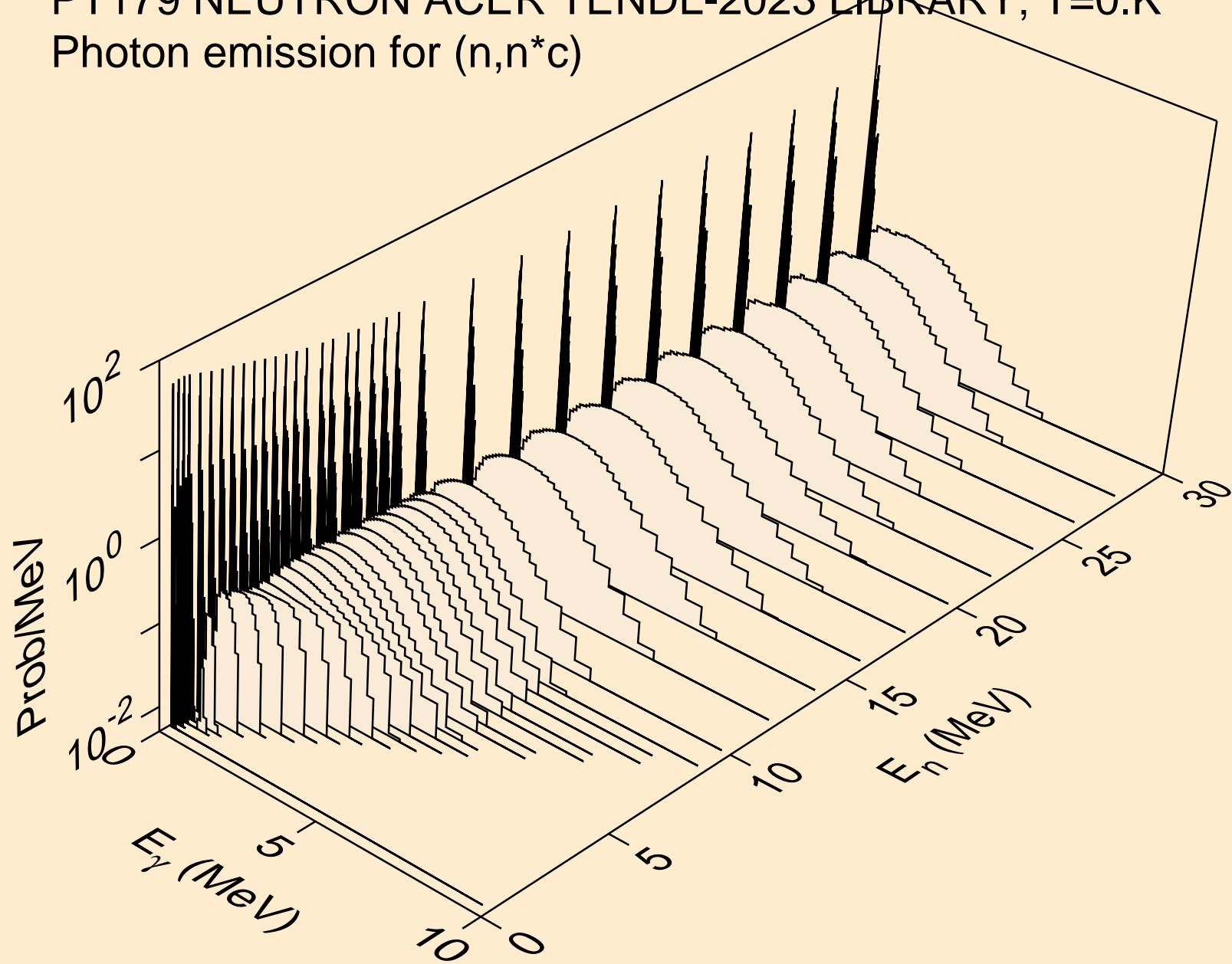


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

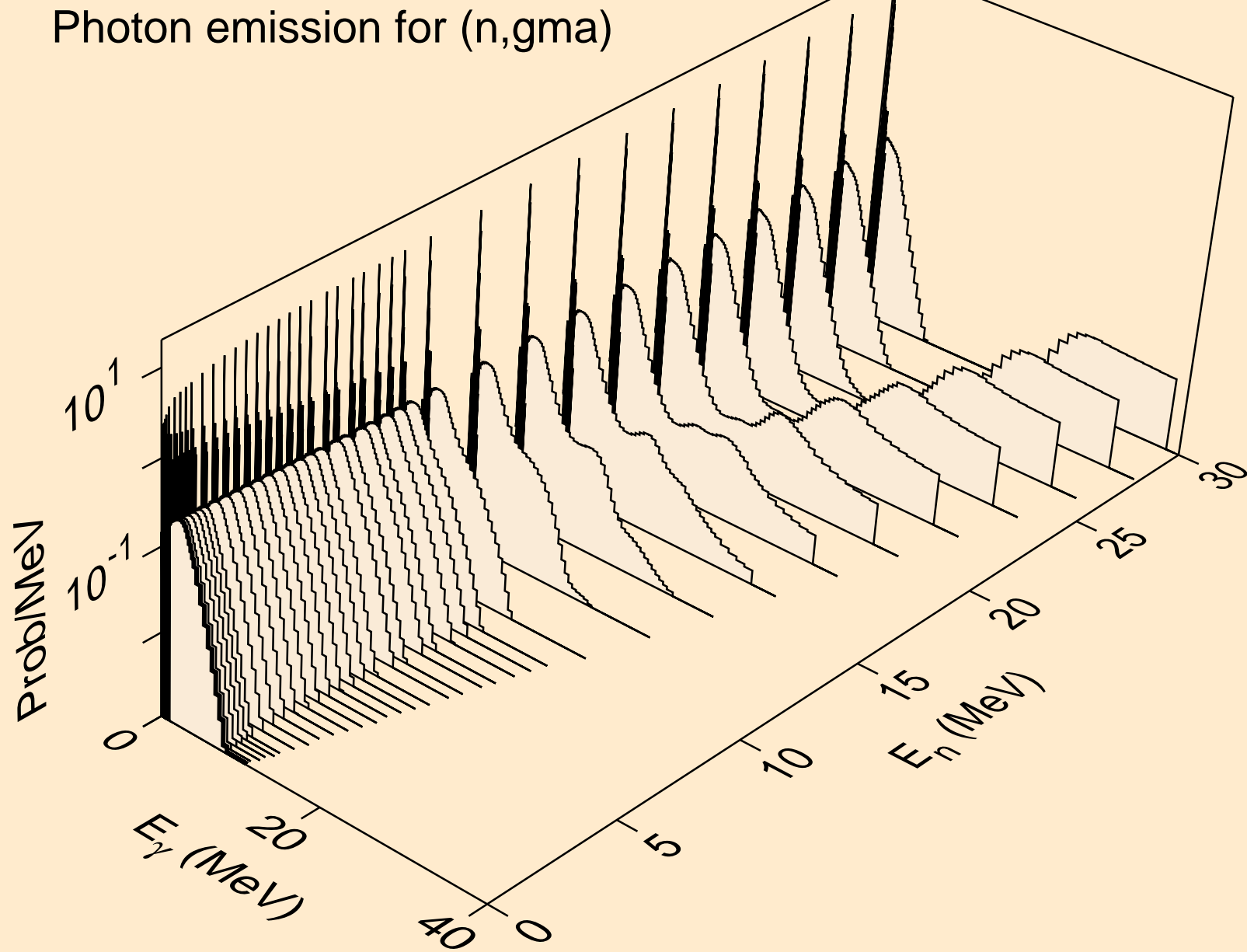




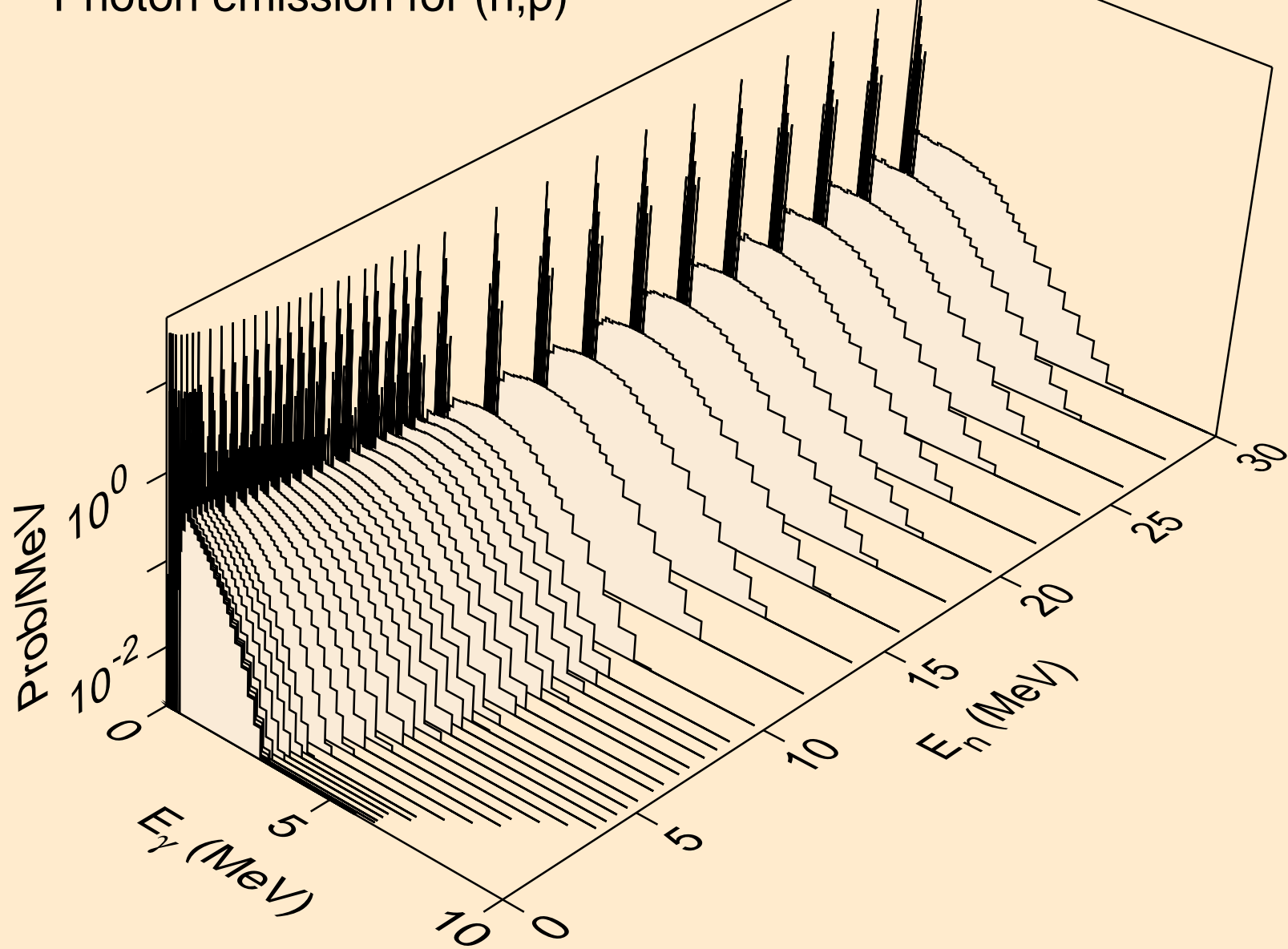
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



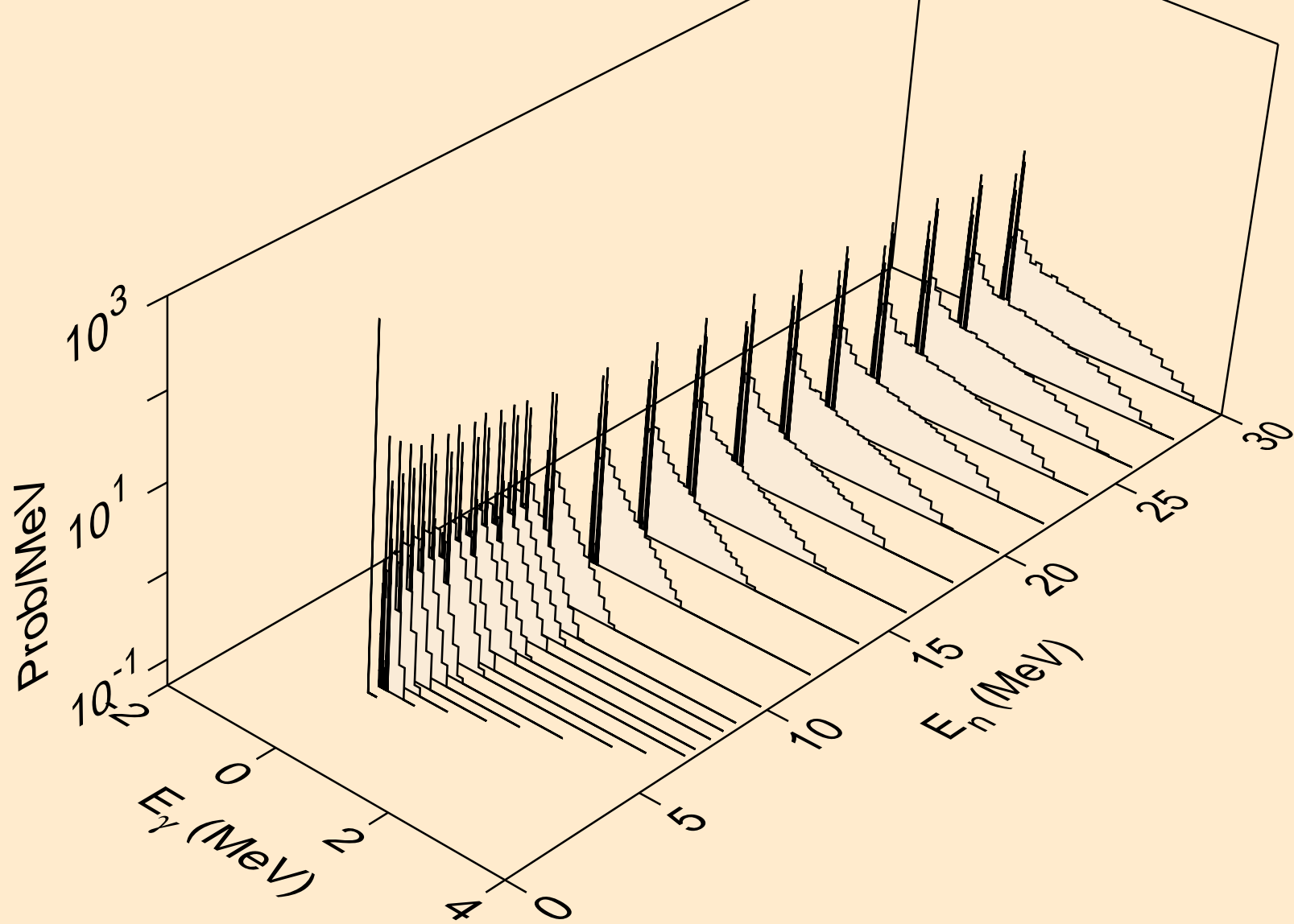
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



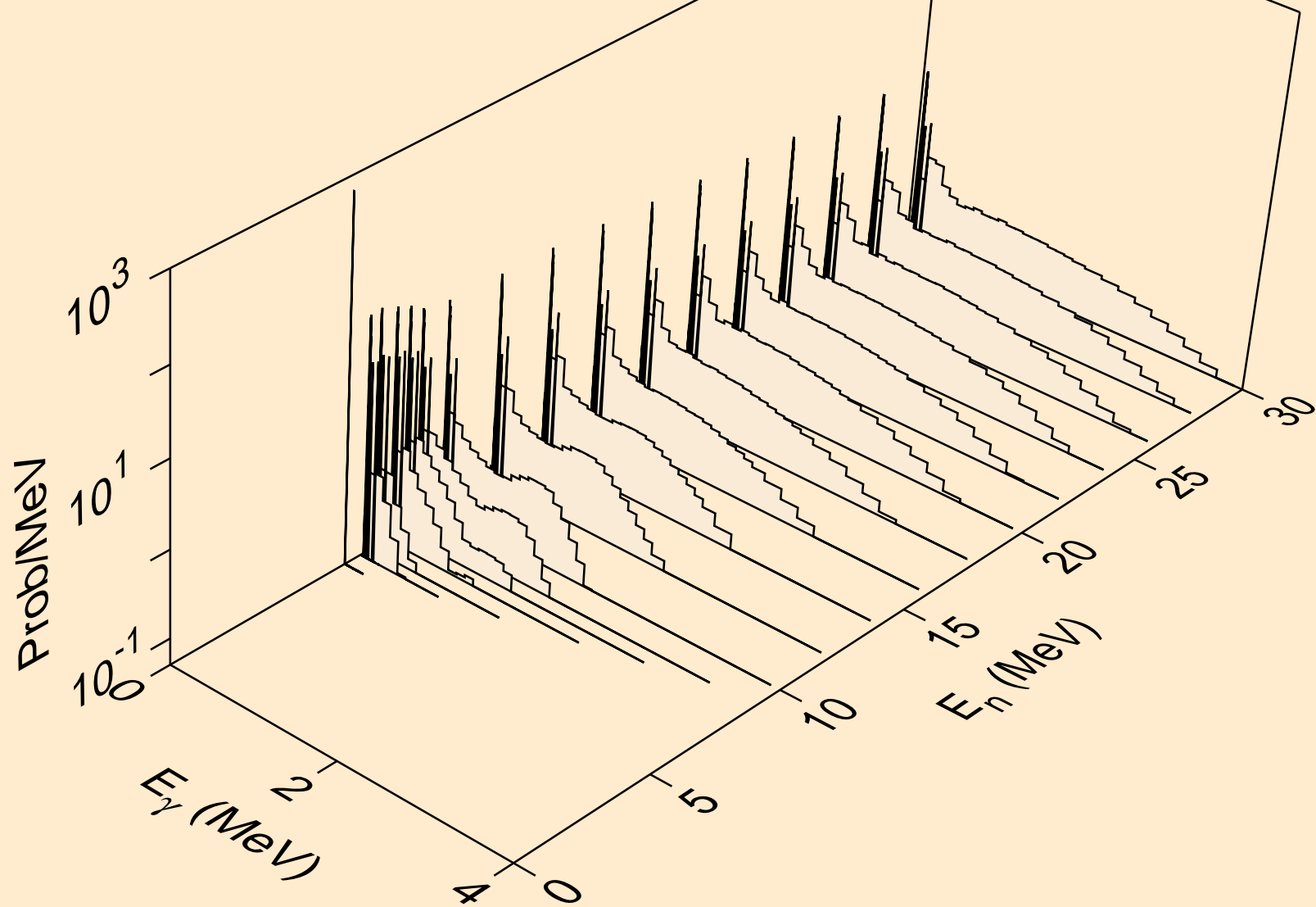
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



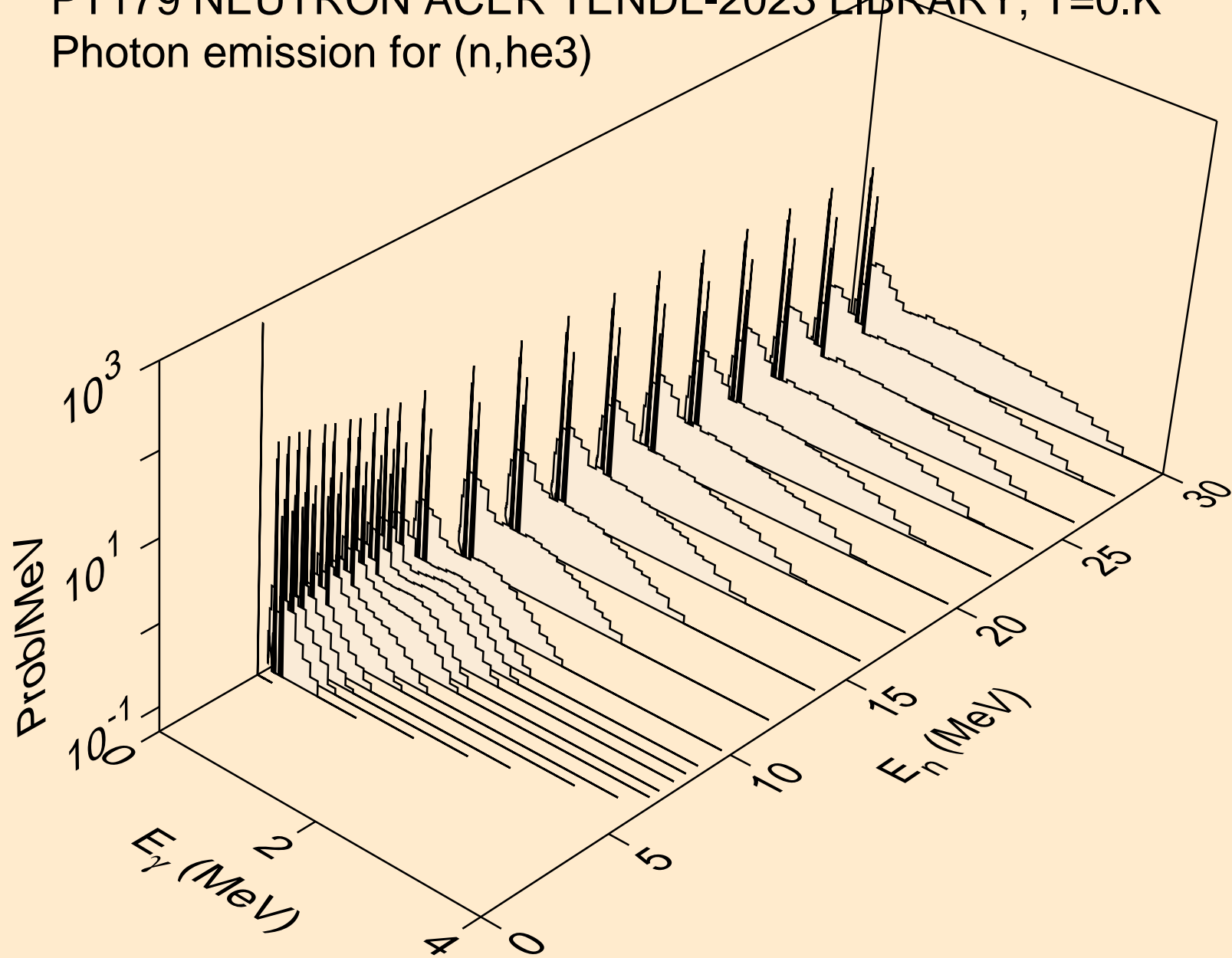
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Photon emission for (n,d)



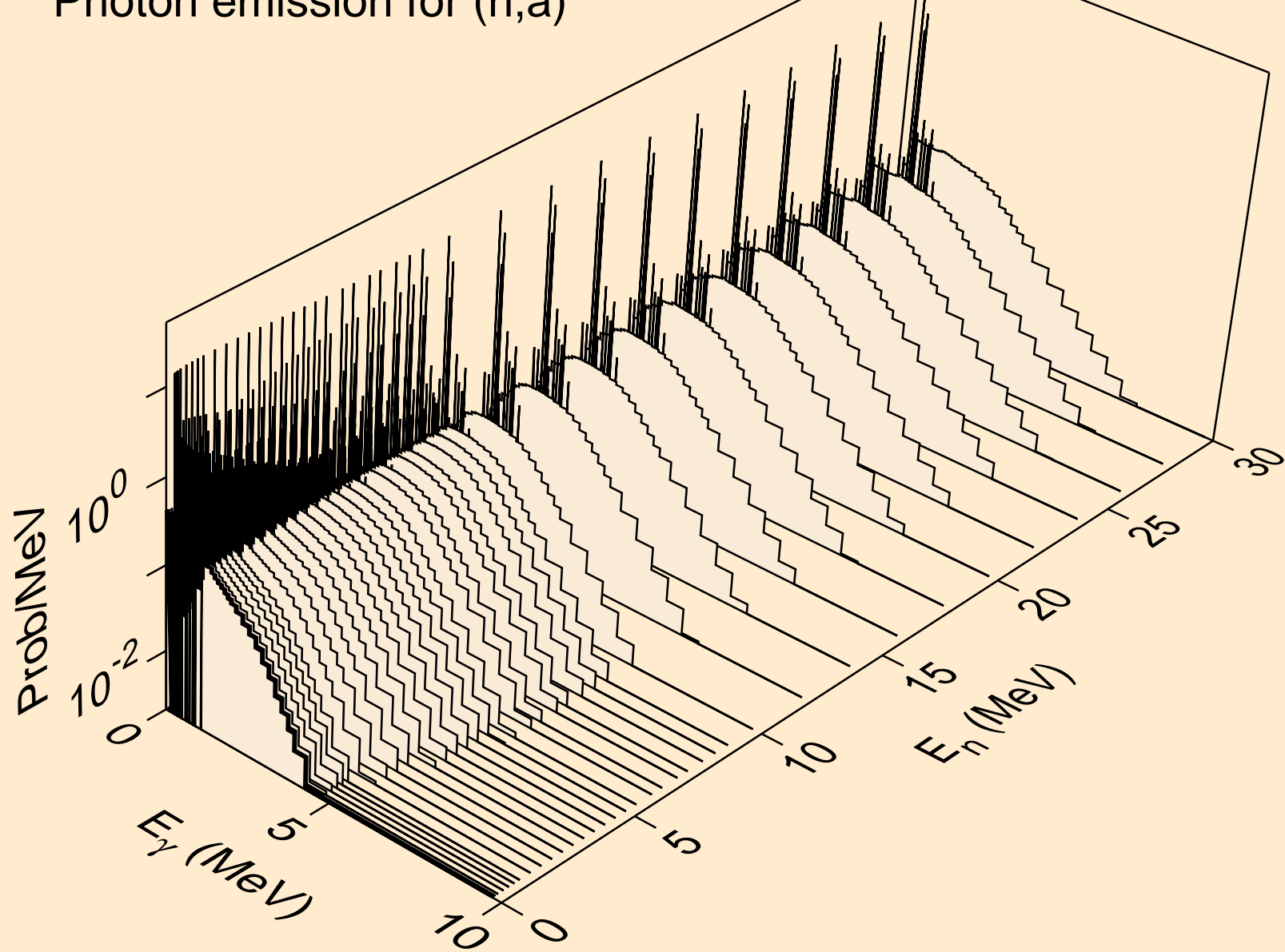
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Photon emission for (n,t)



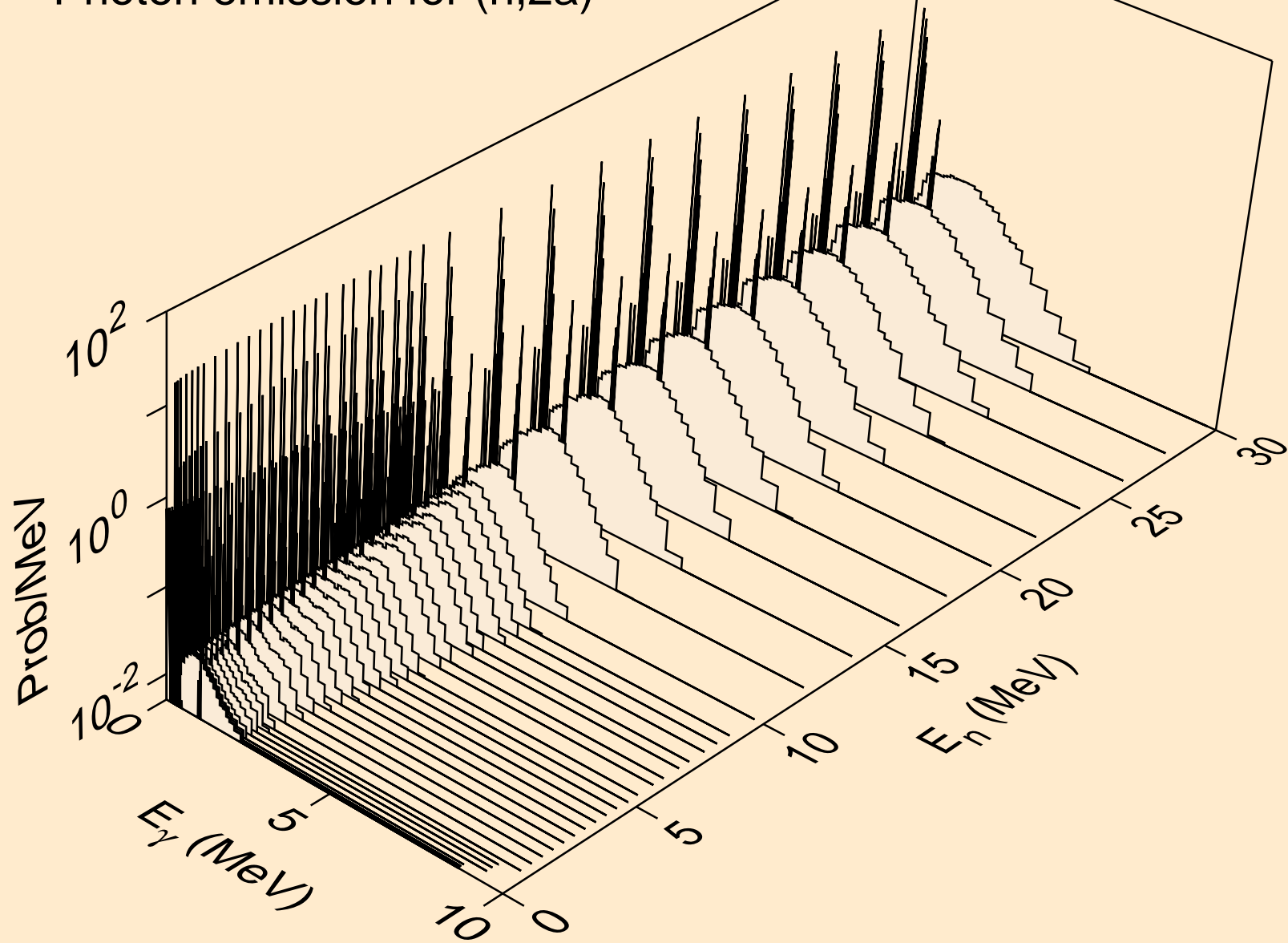
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

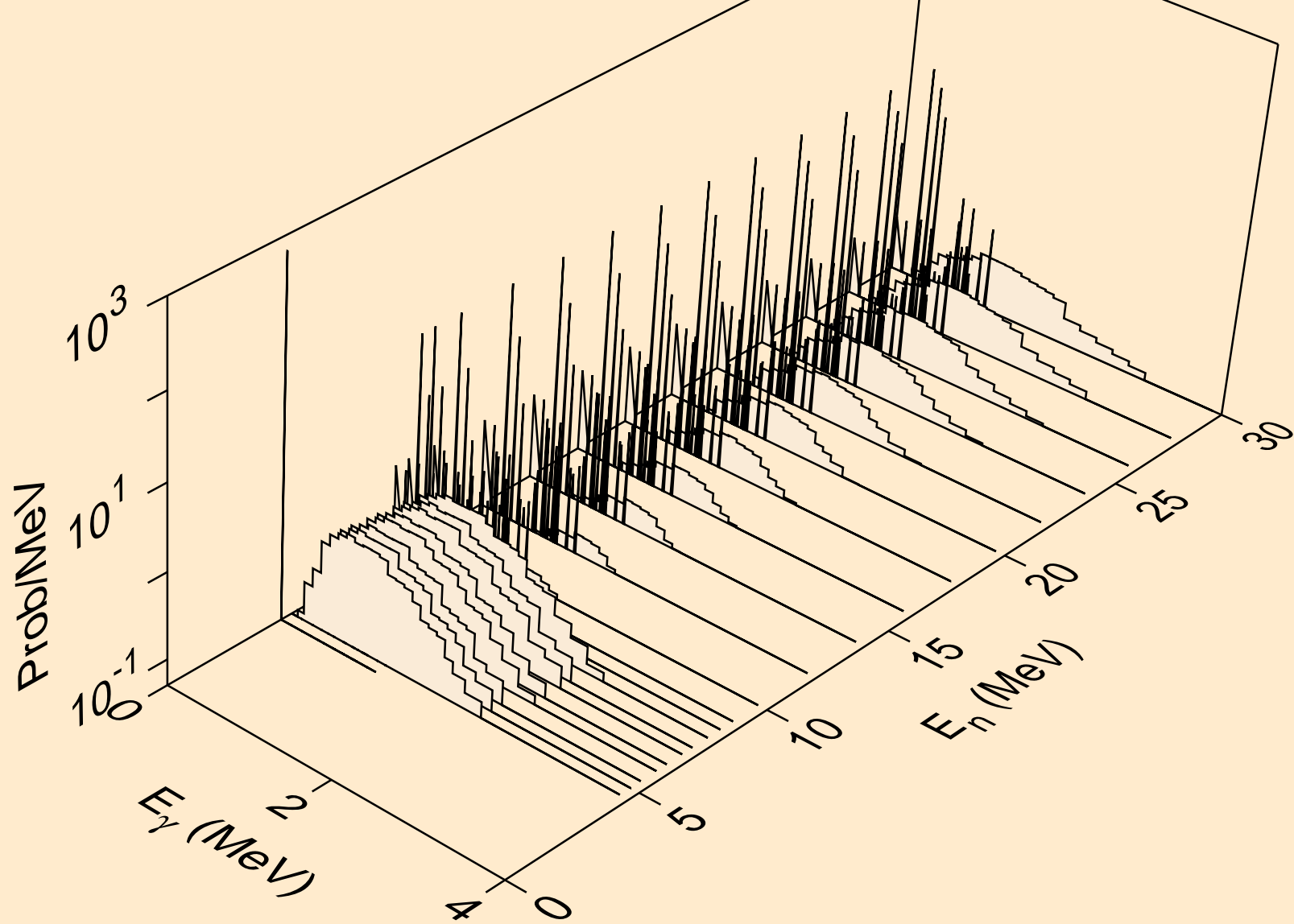


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Photon emission for (n,2a)

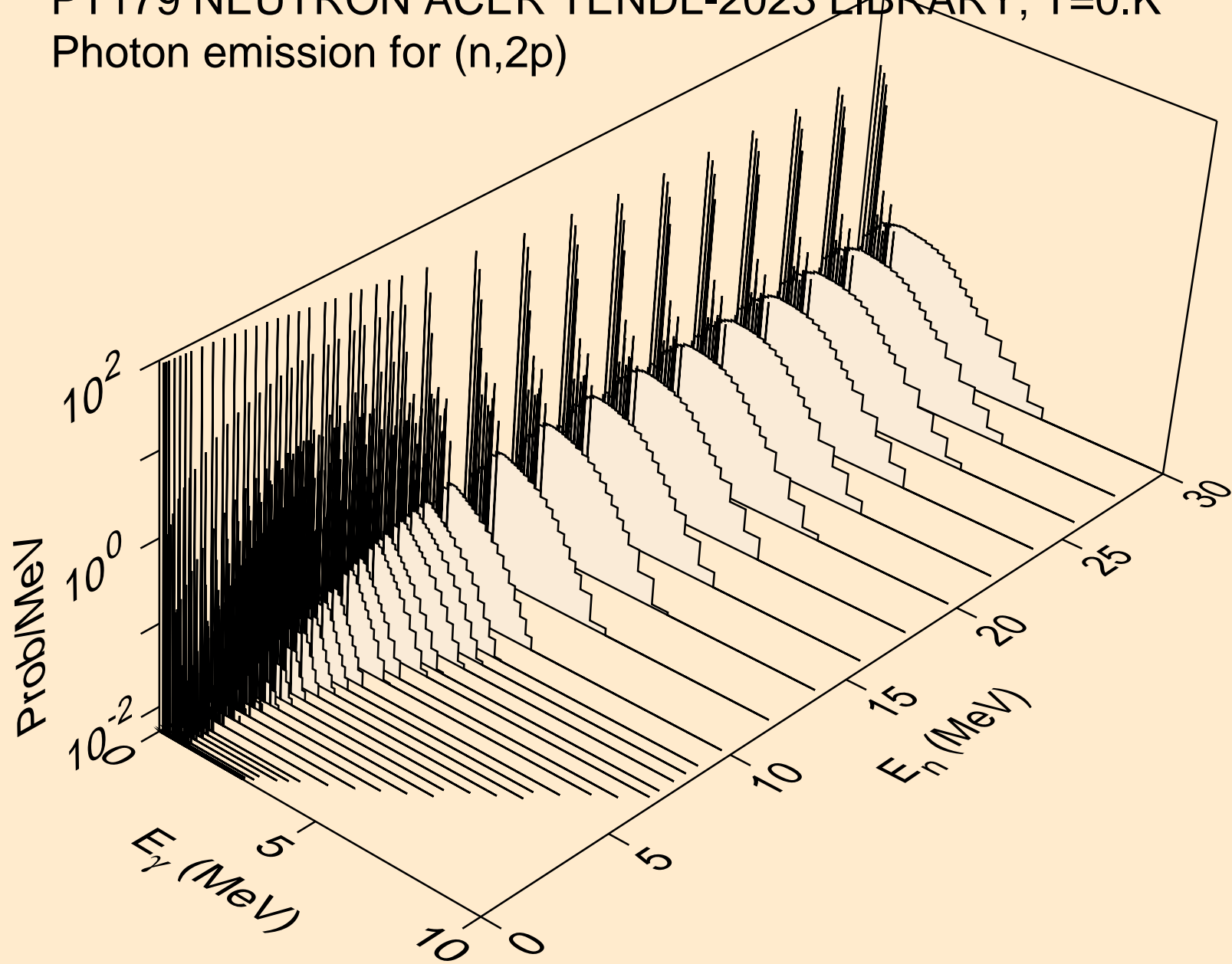




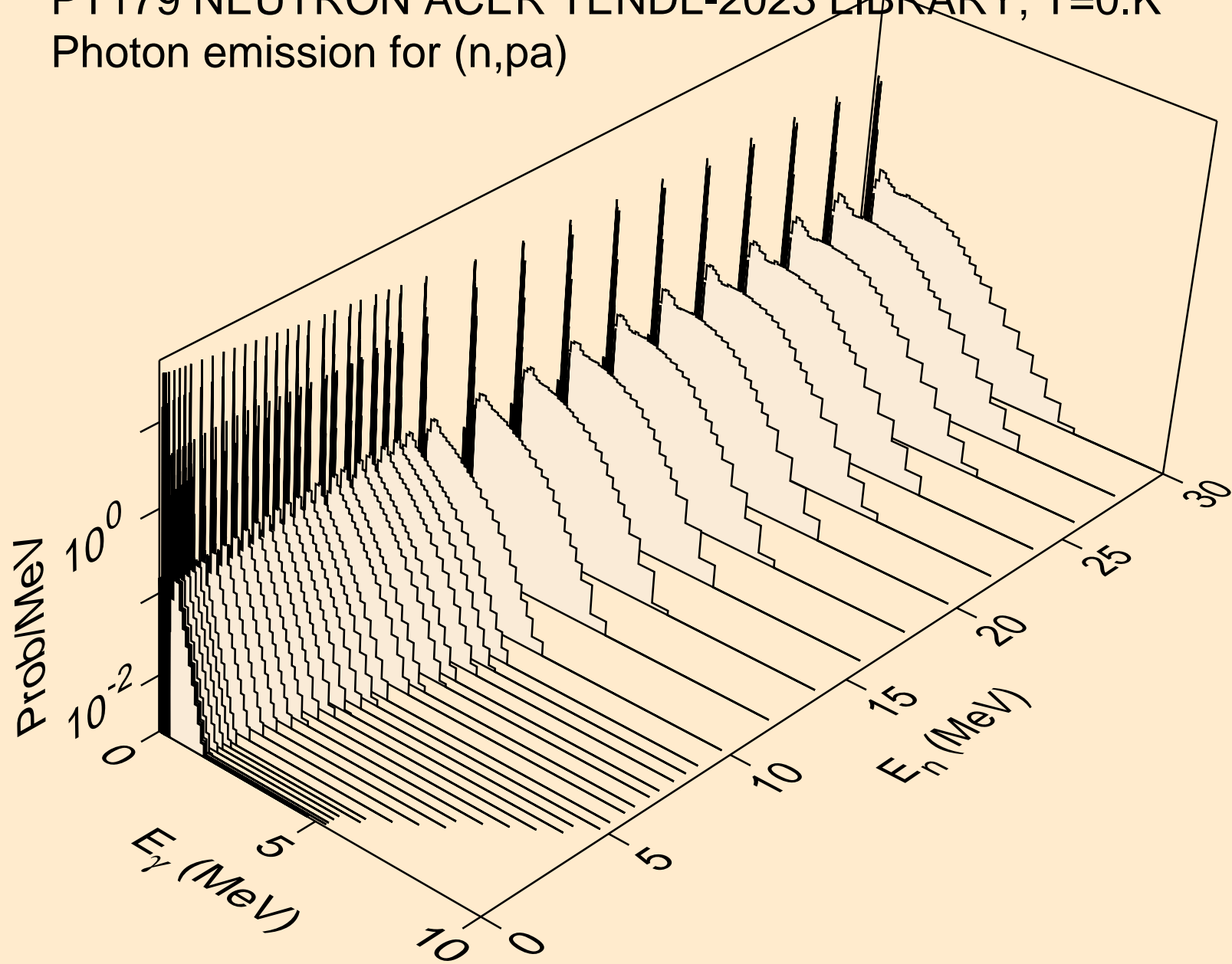
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Photon emission for (n,3a)



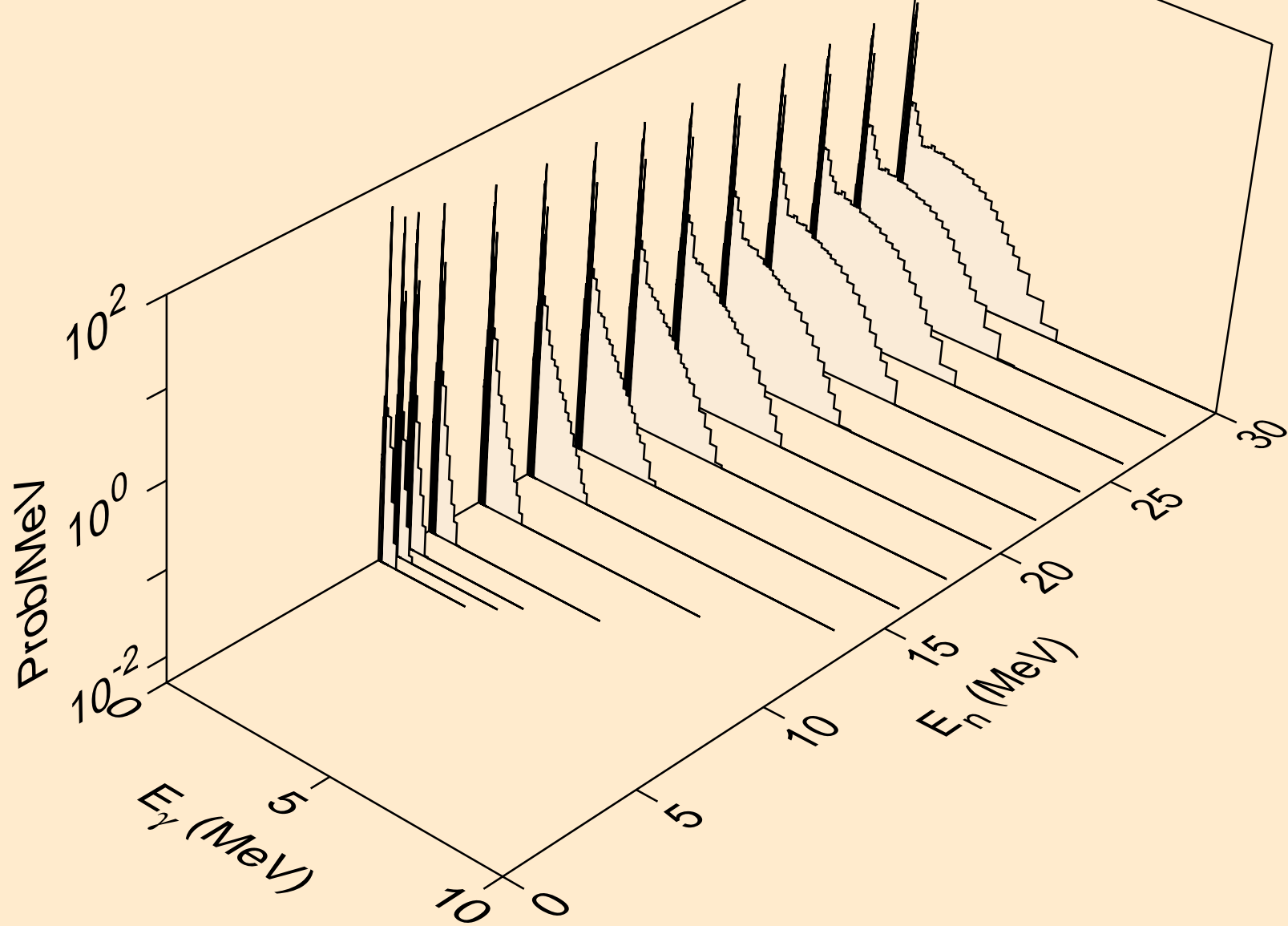
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Photon emission for (n,2p)



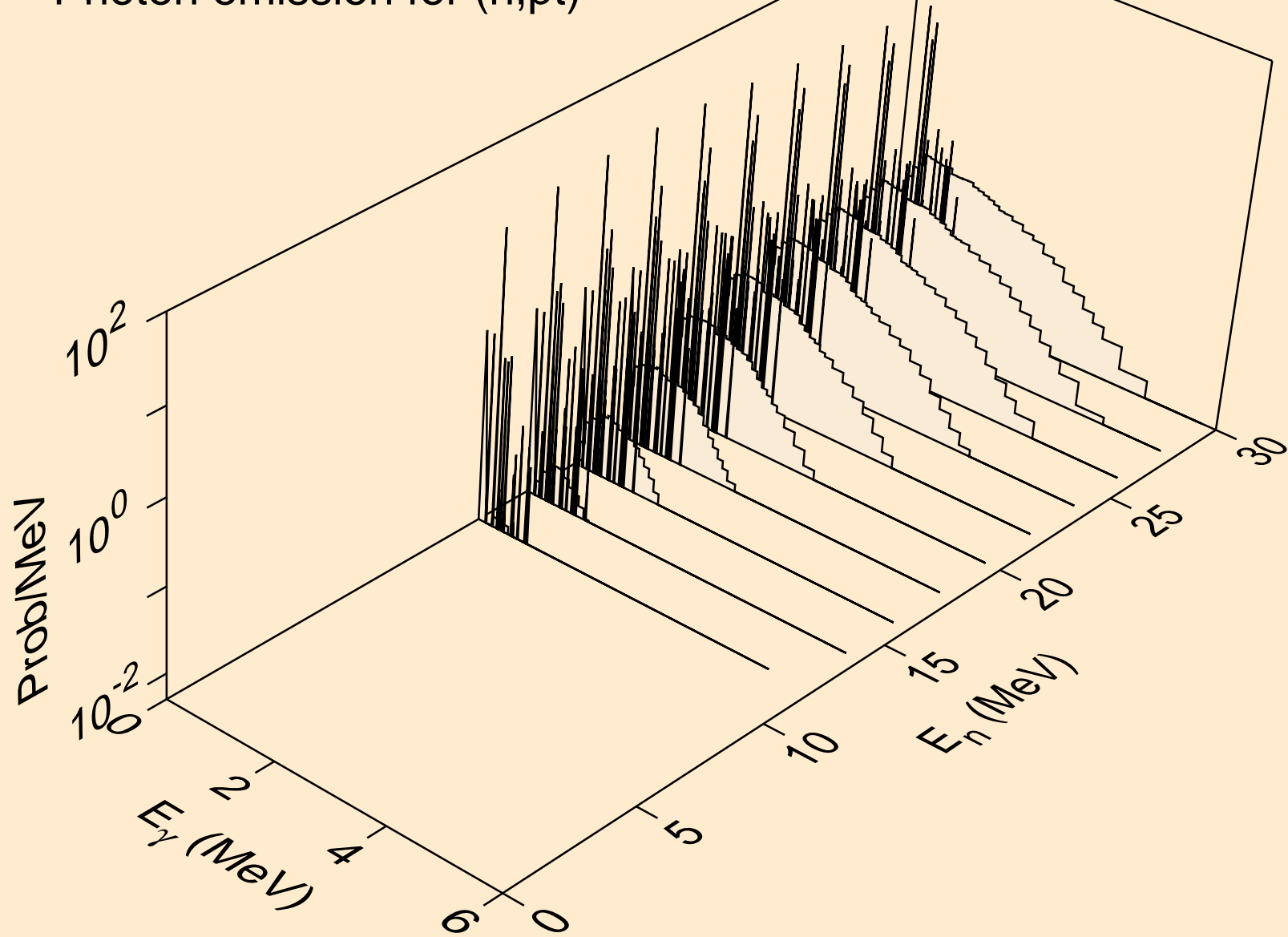
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Photon emission for (n,p)



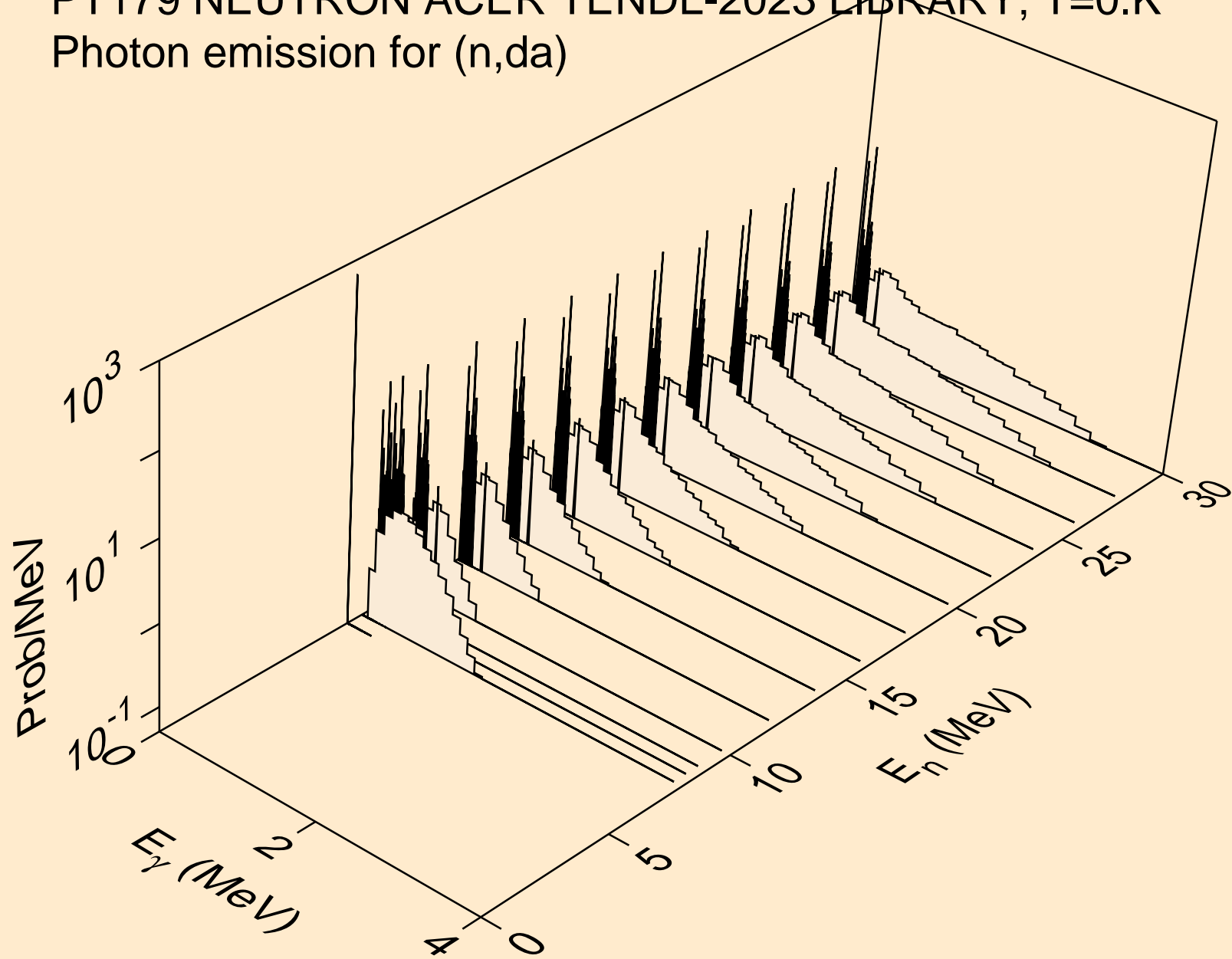
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Photon emission for (n,pd)



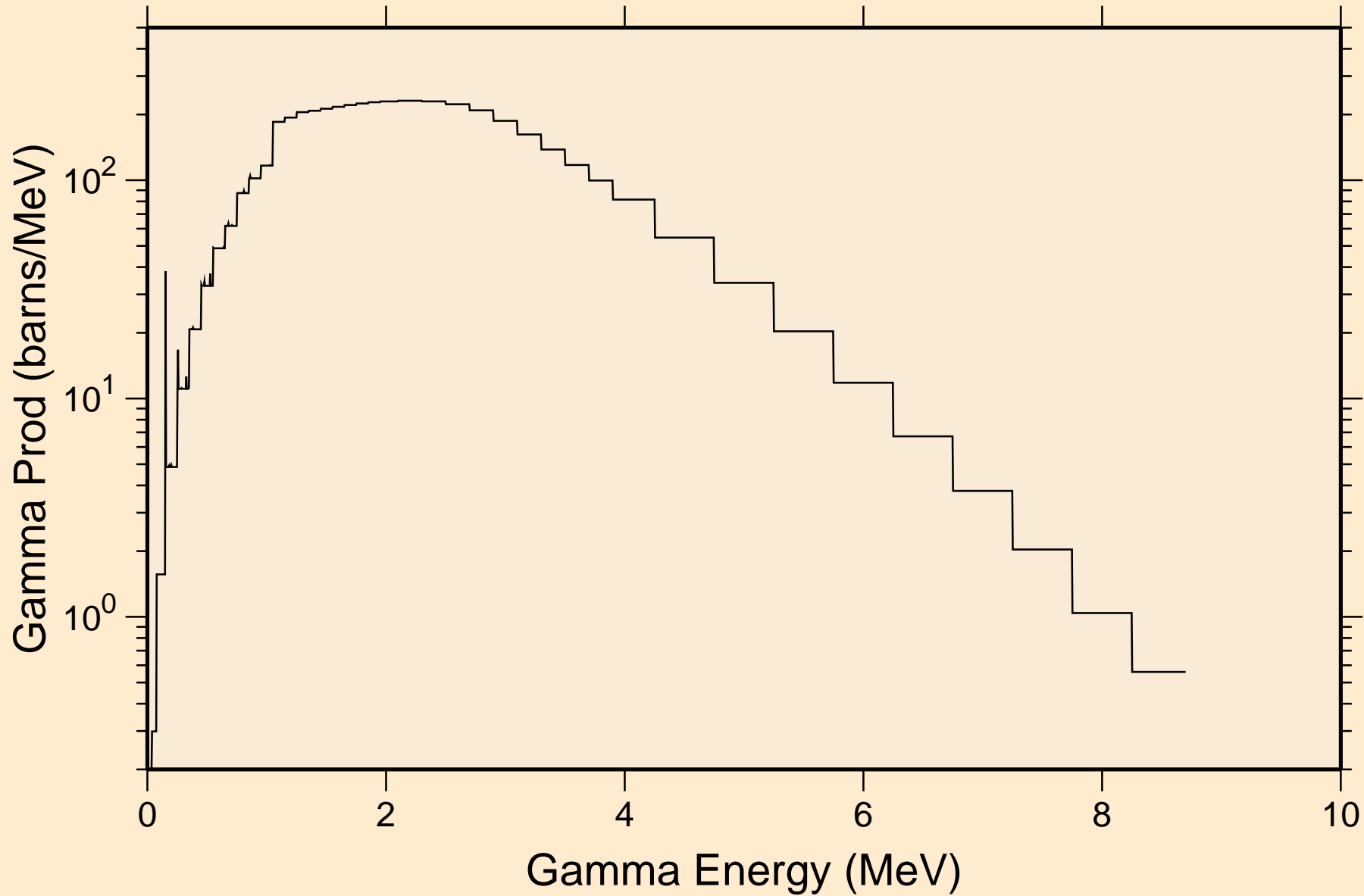
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Photon emission for (n,pt)



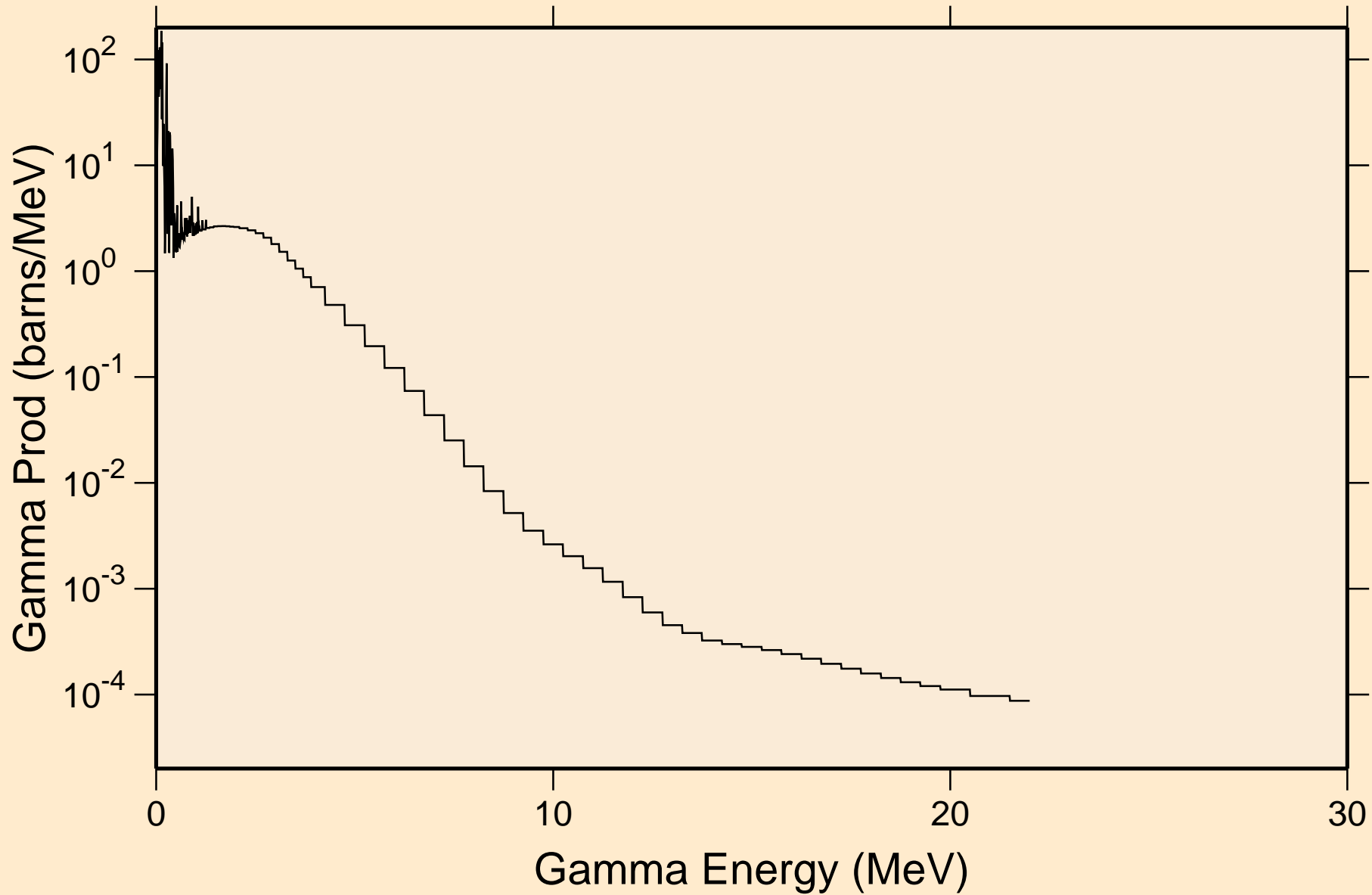
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

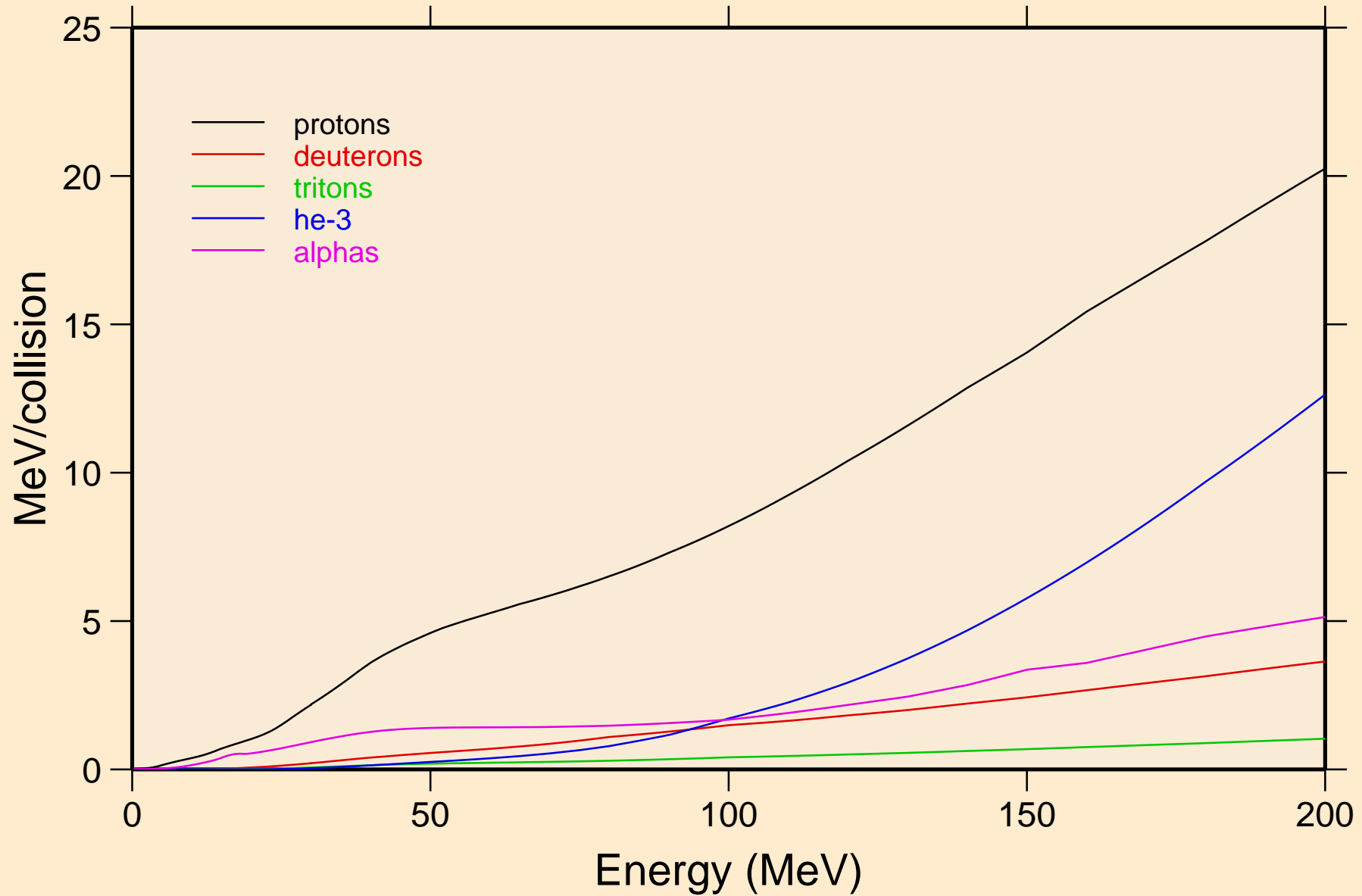


PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

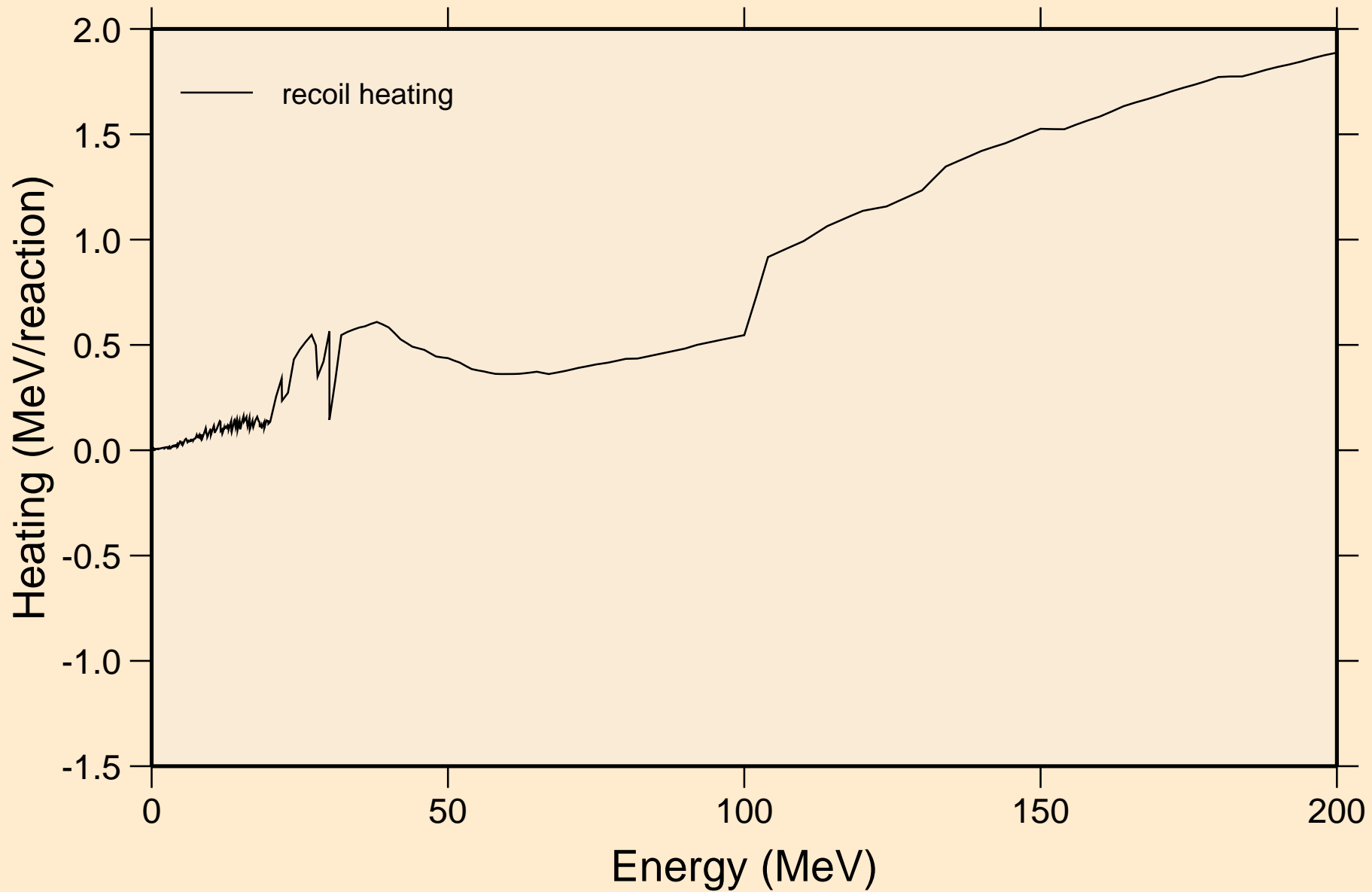




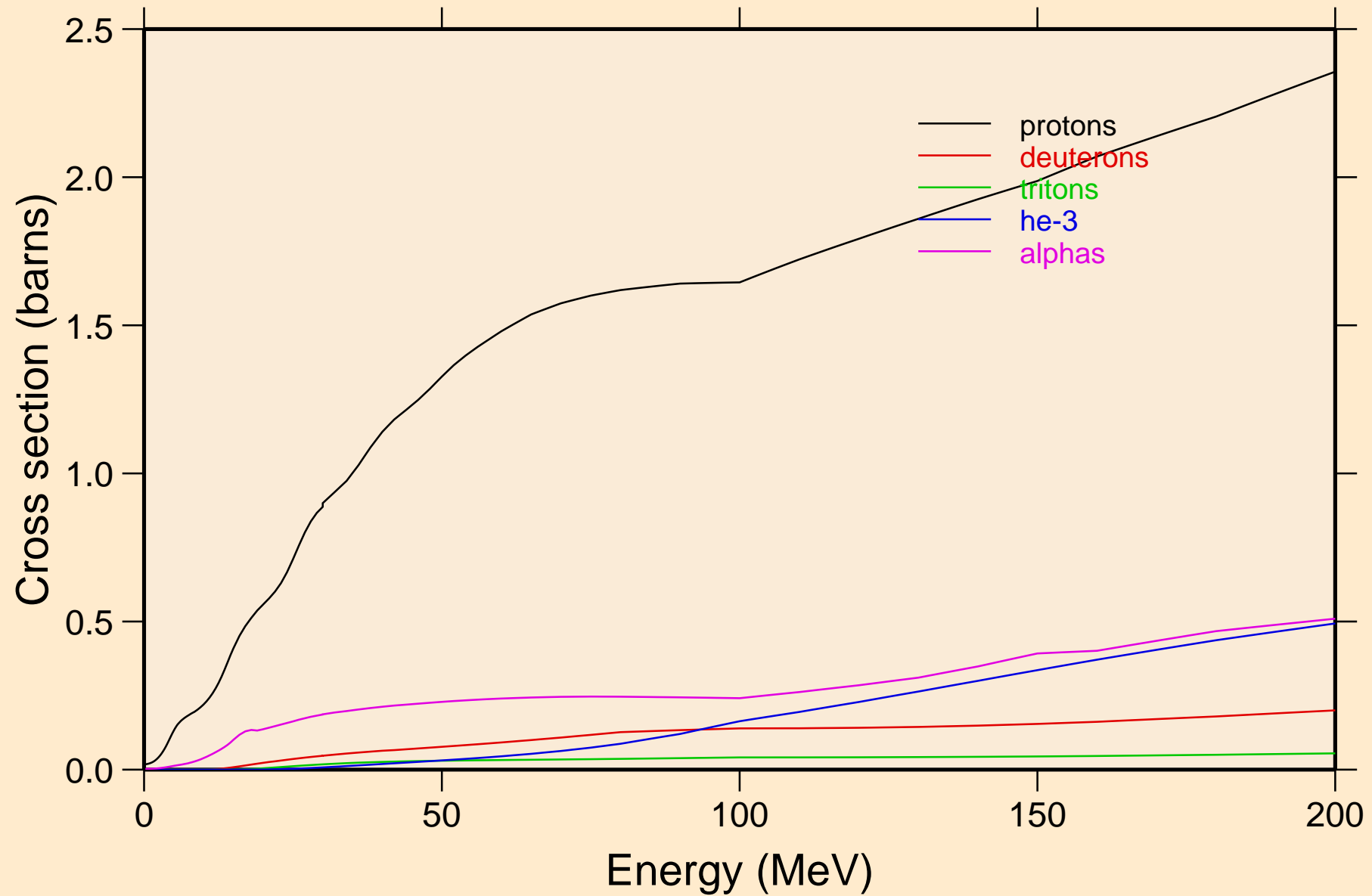
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Particle heating contributions



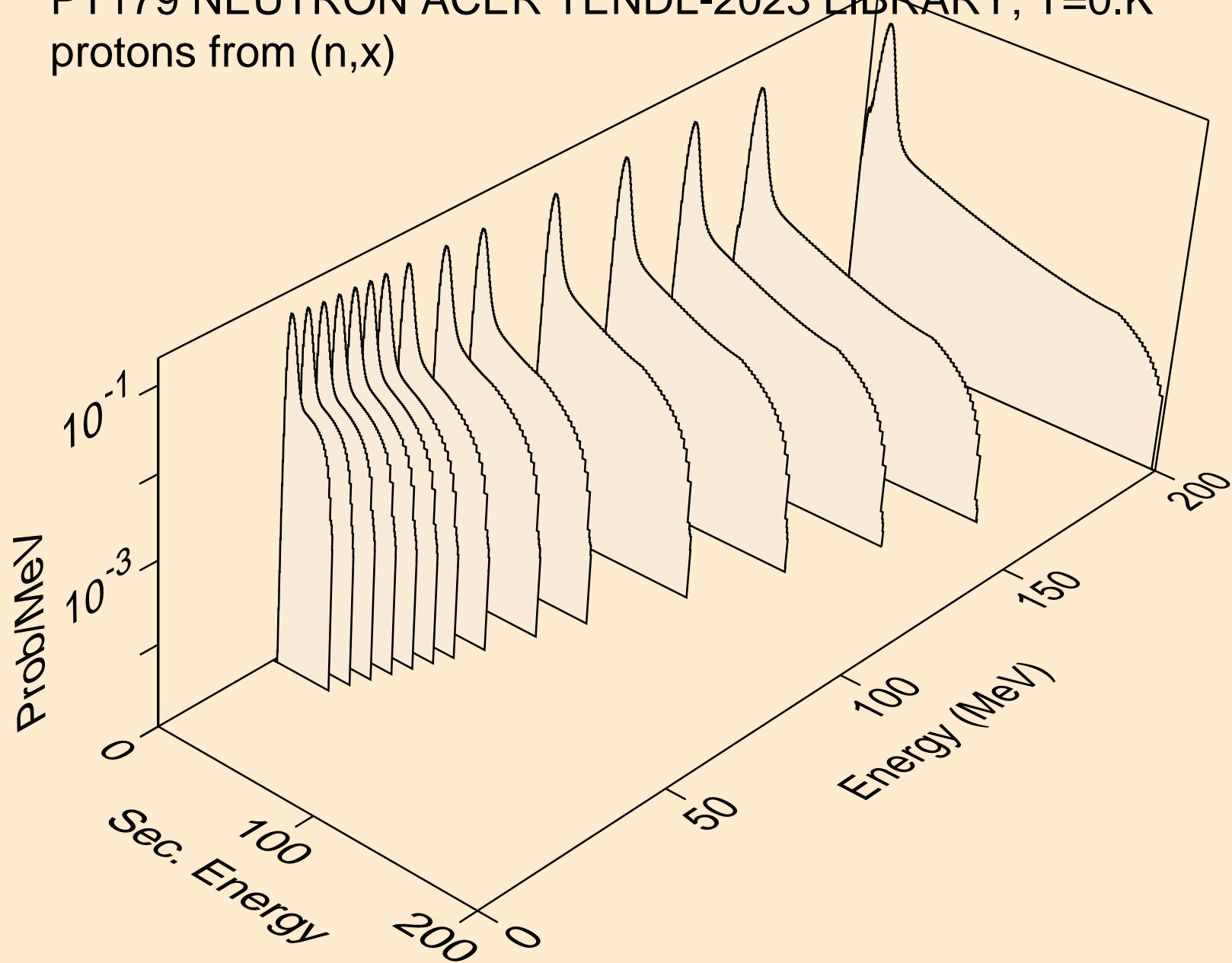
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Recoil Heating



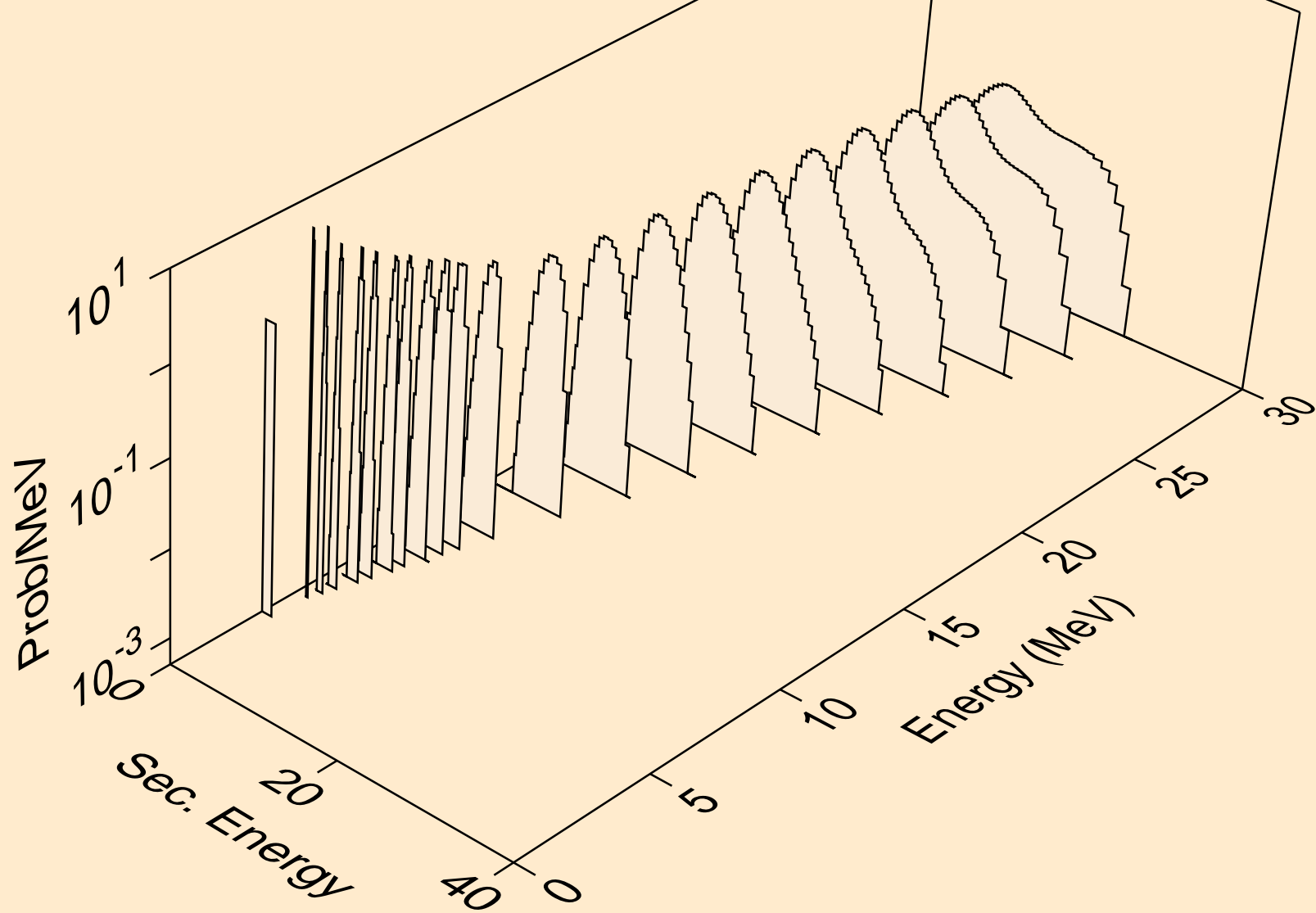
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Particle production cross sections



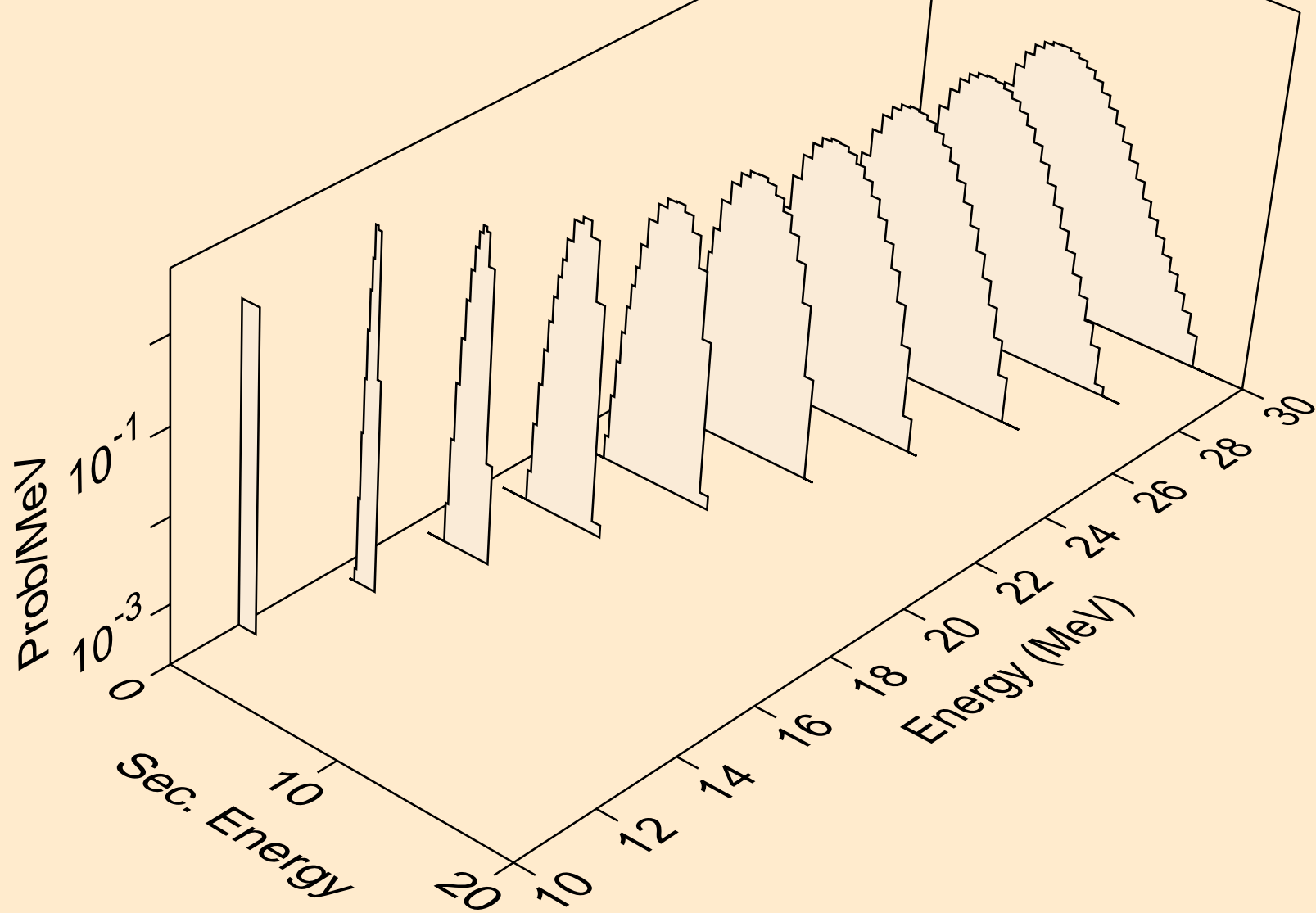
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



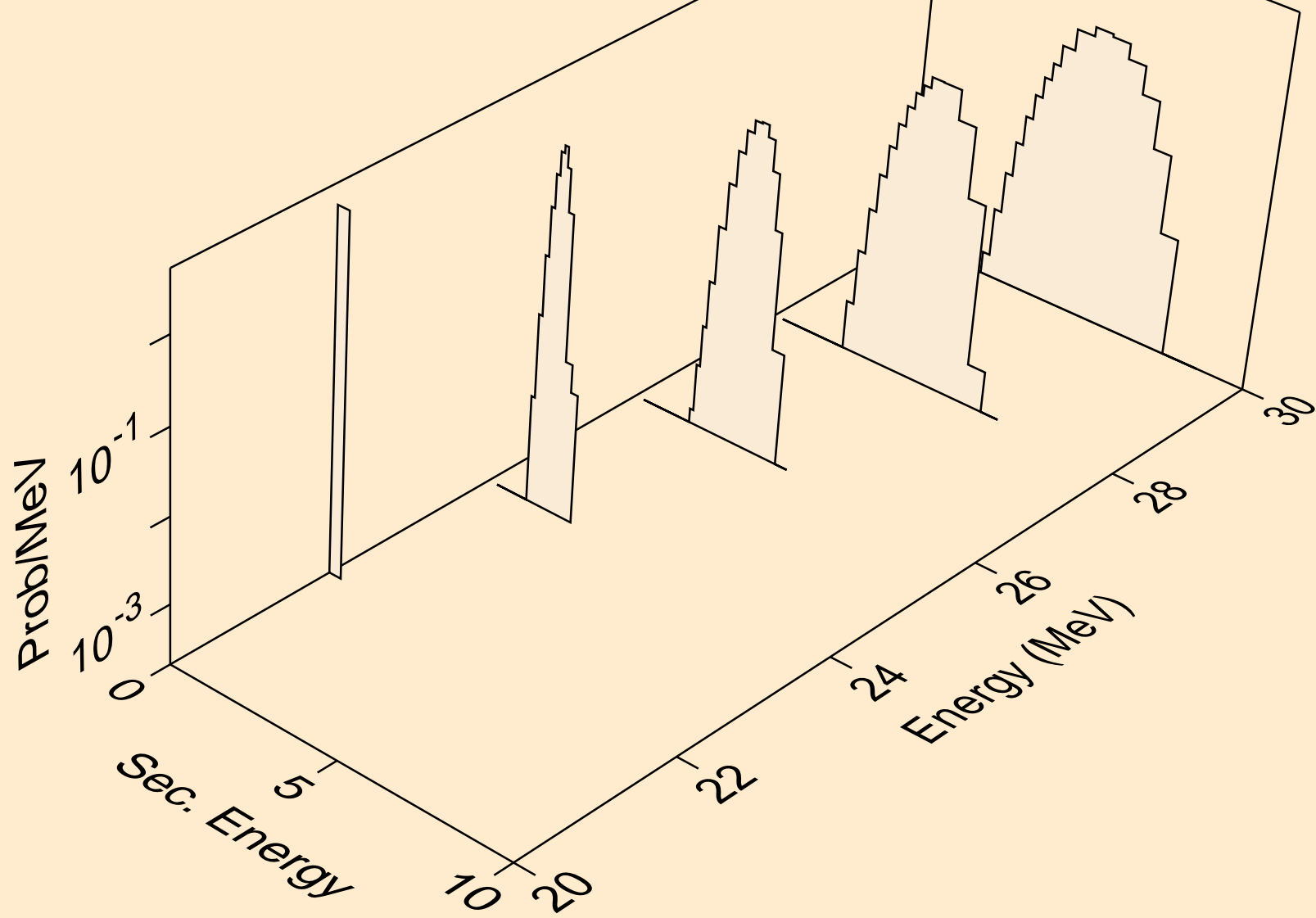
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protons from (n,n\*)p



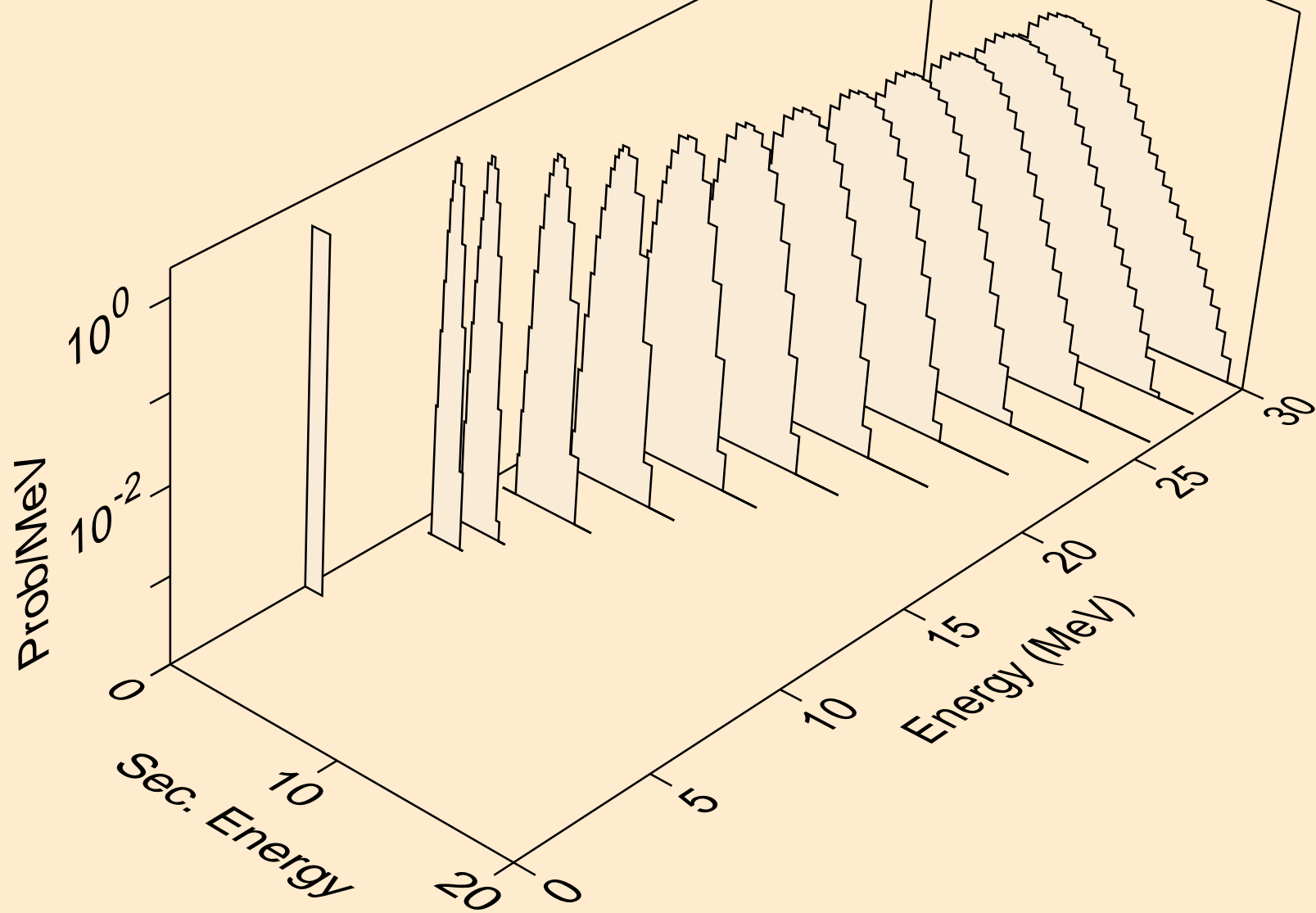
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protons from (n,2np)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

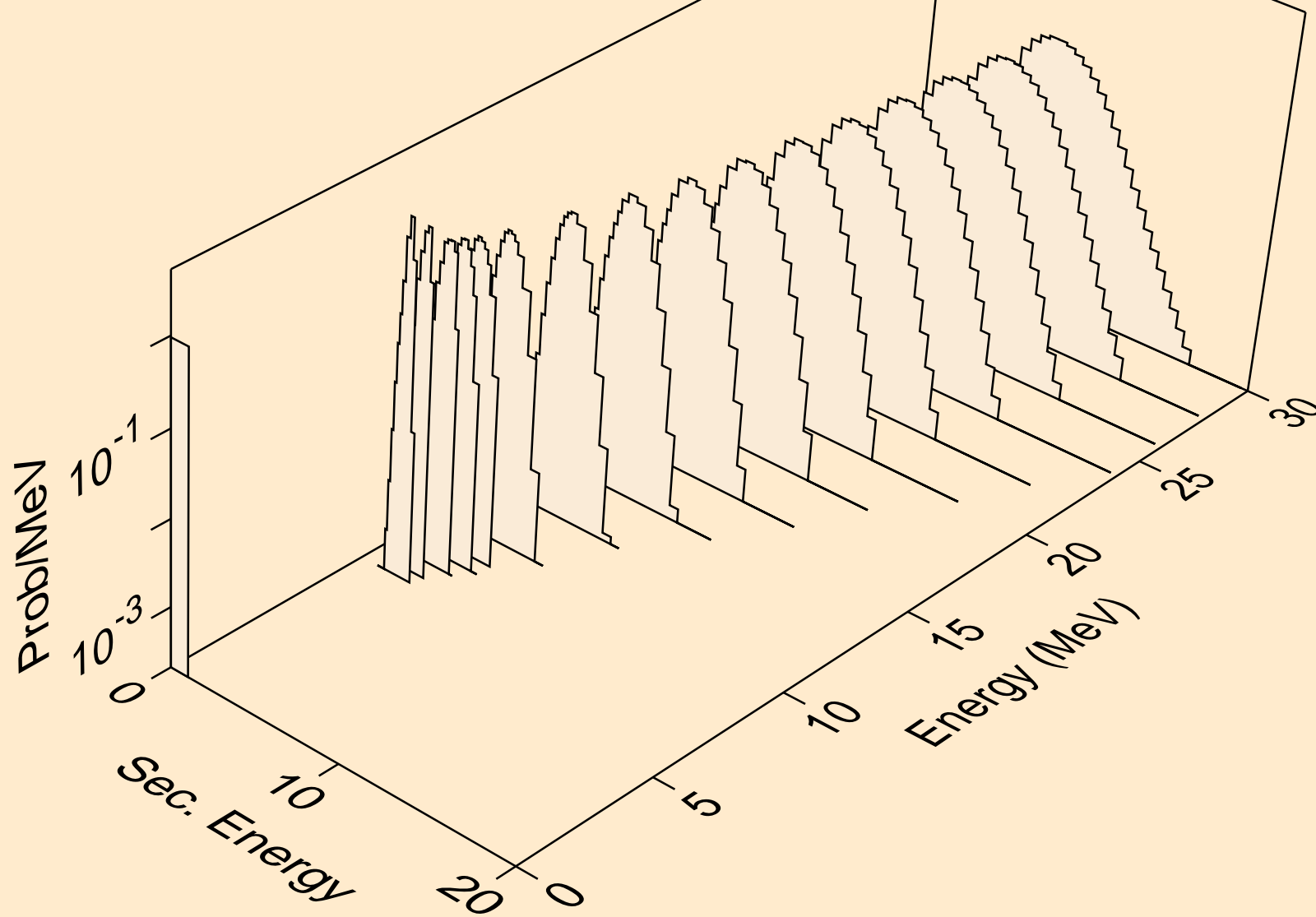


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protons from (n,n2p)

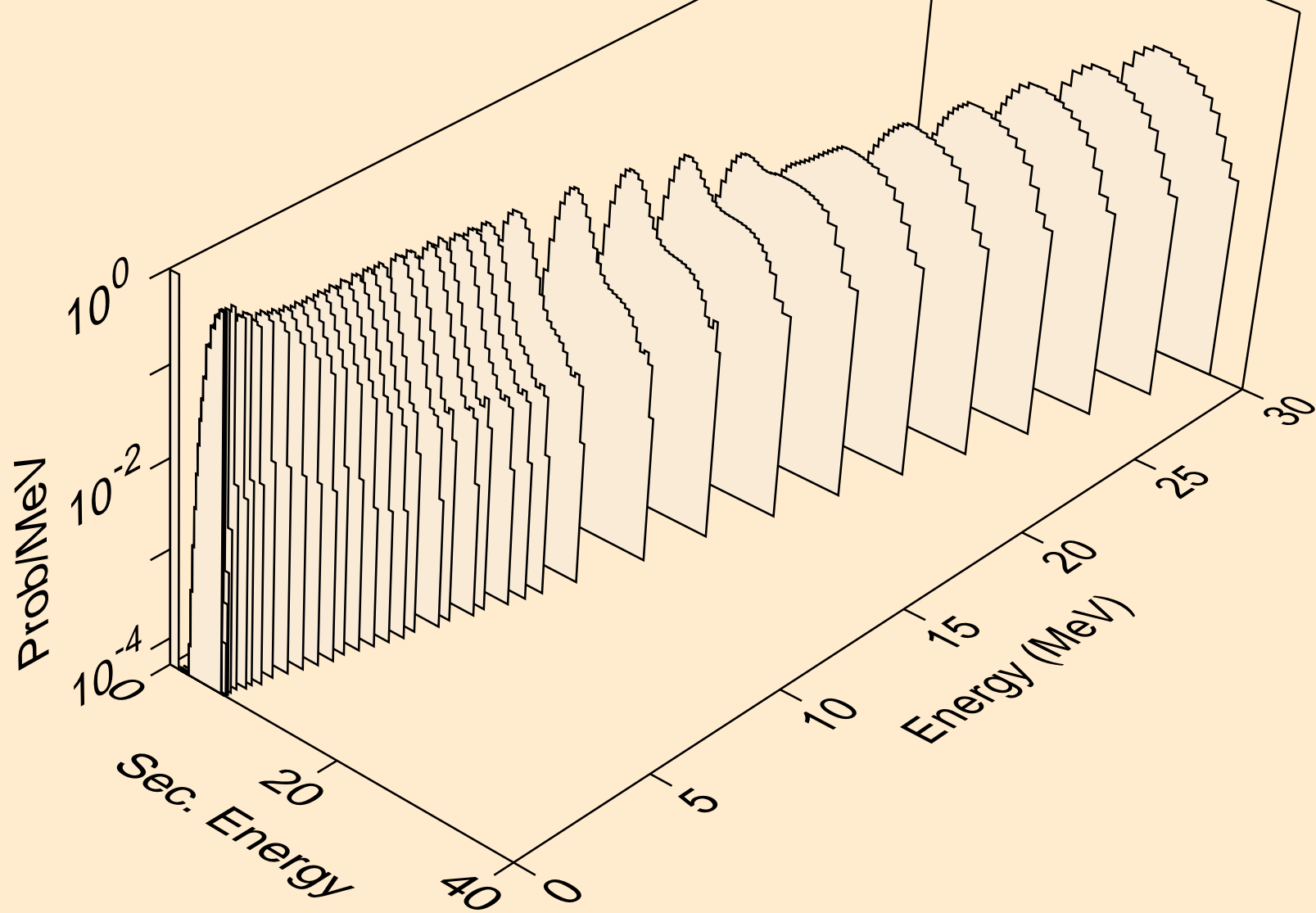




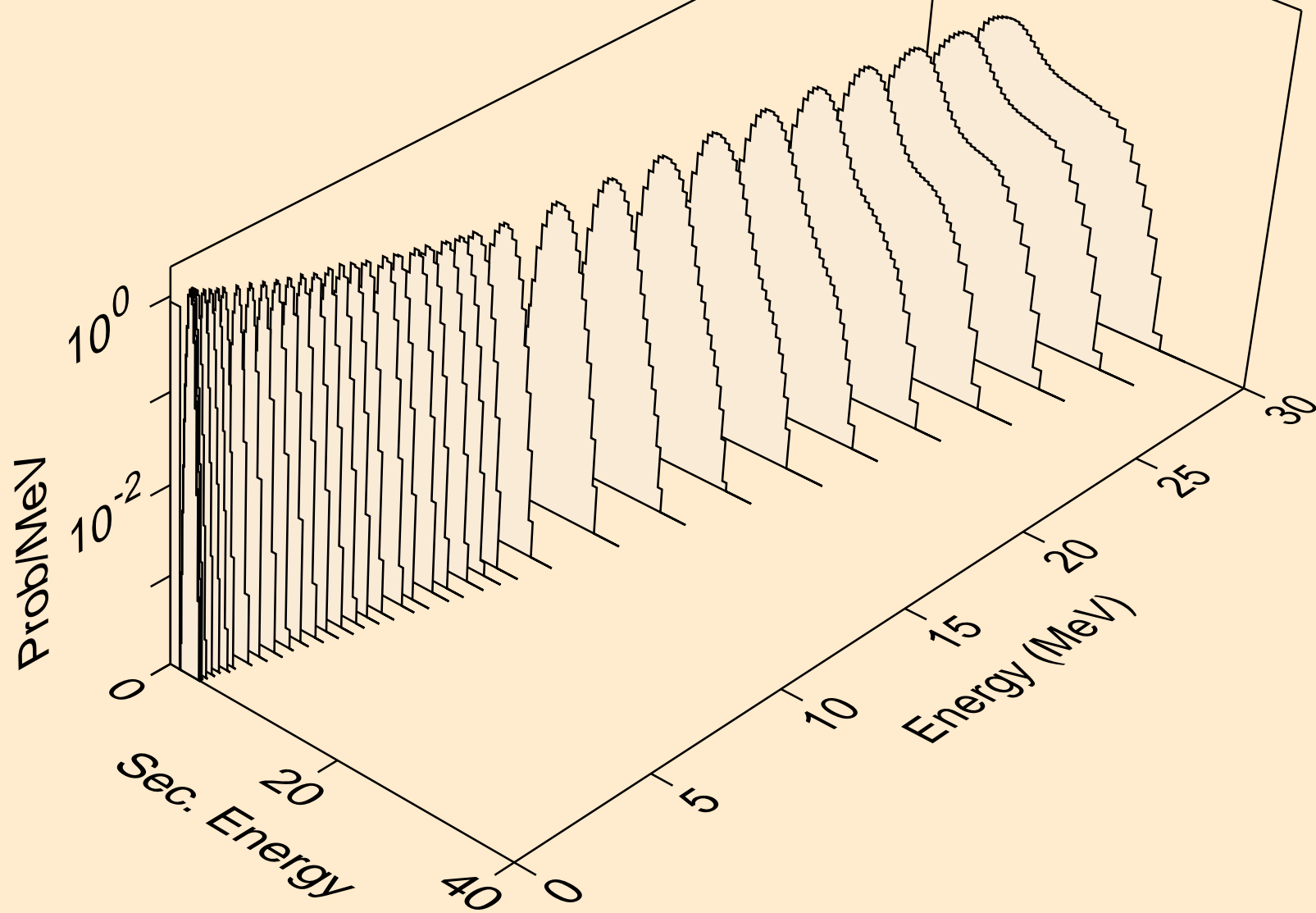
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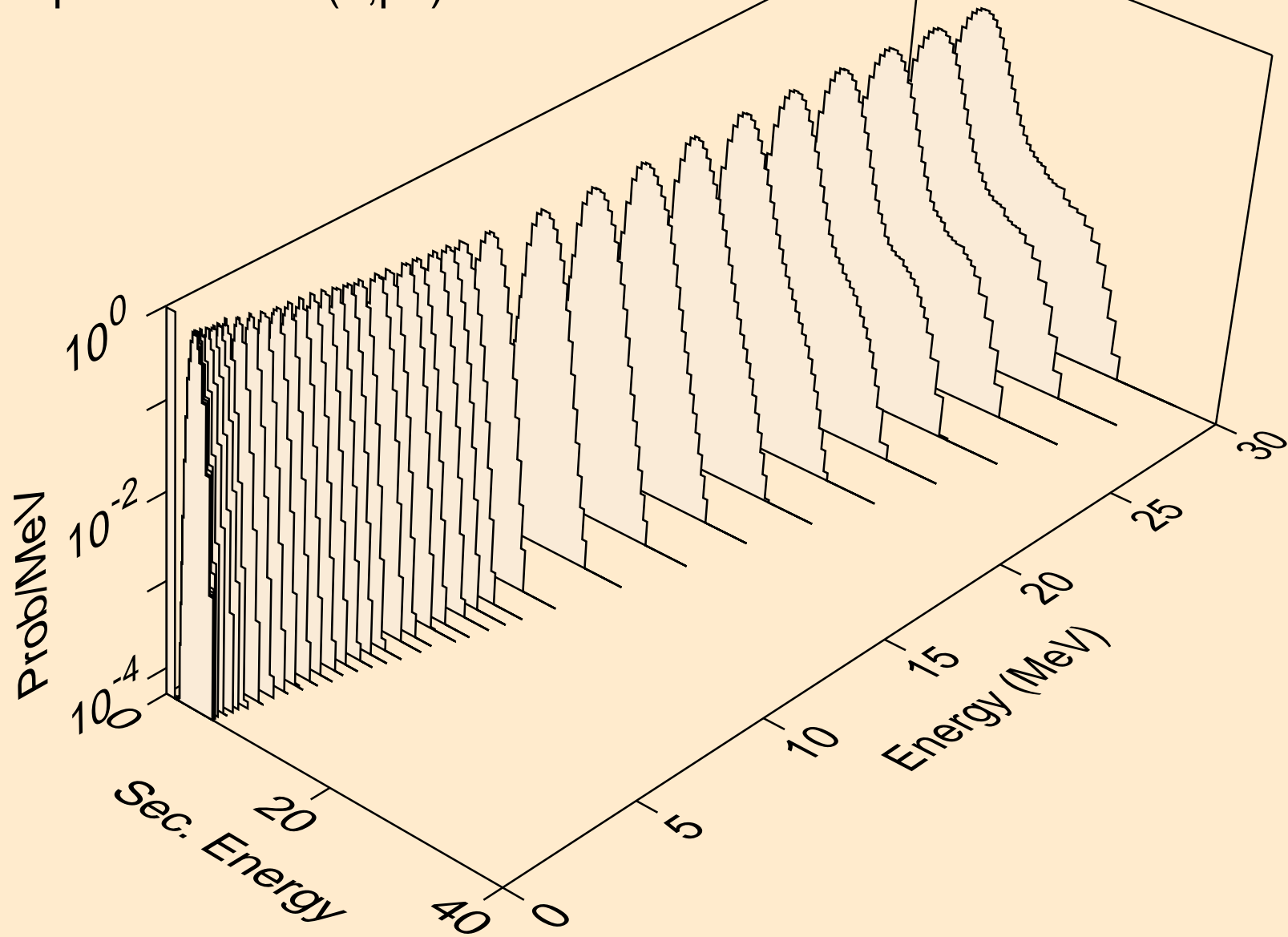
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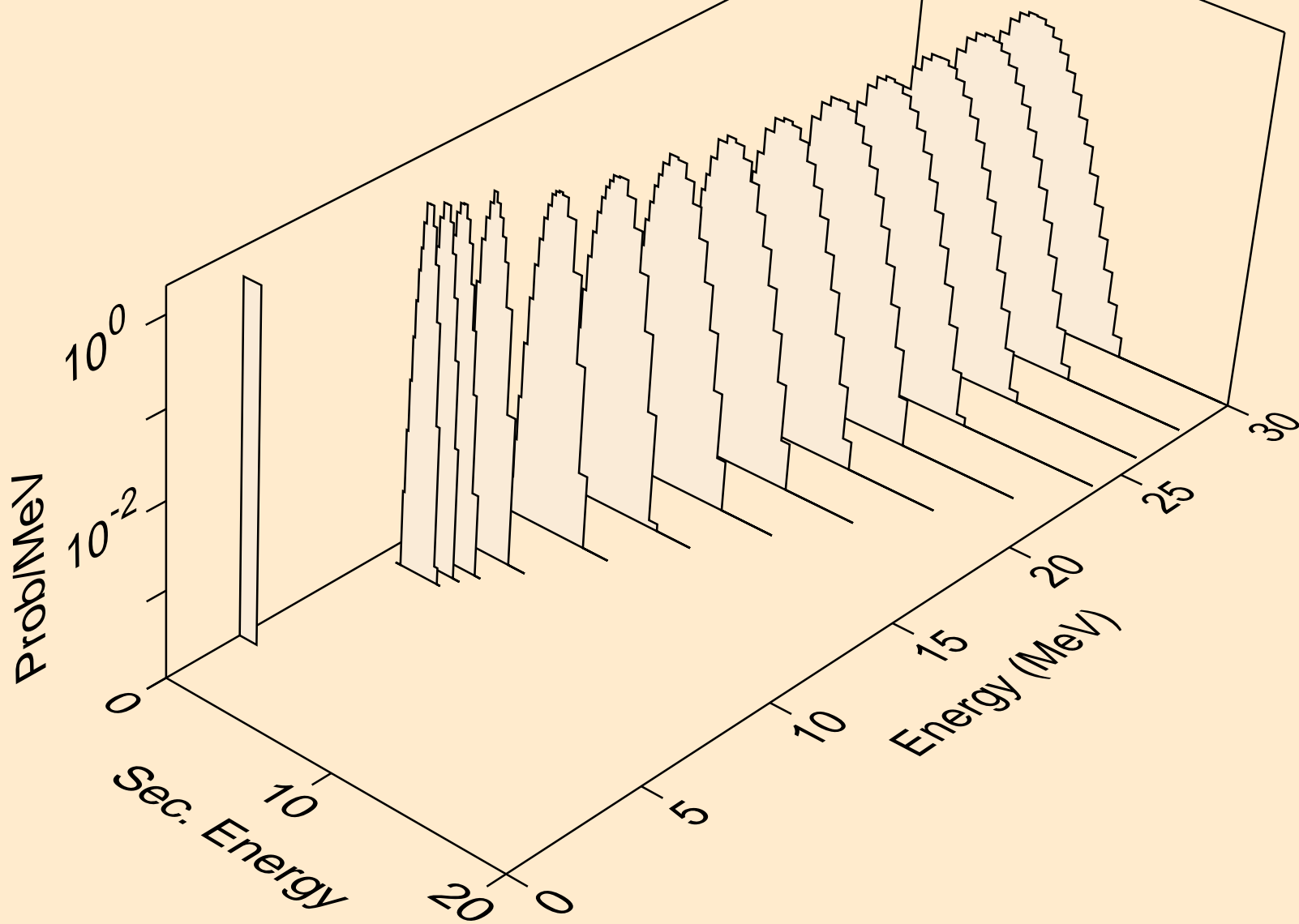
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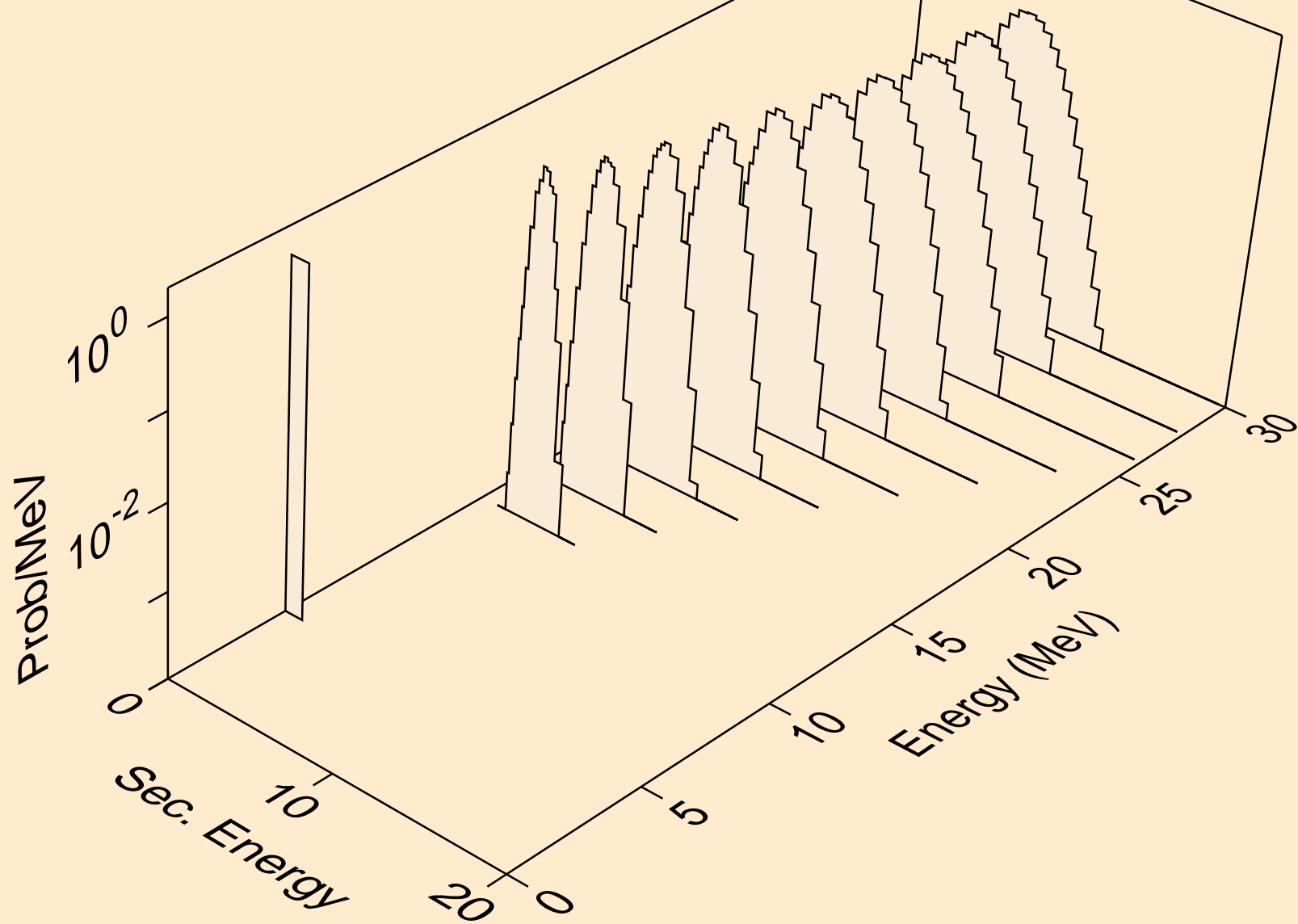
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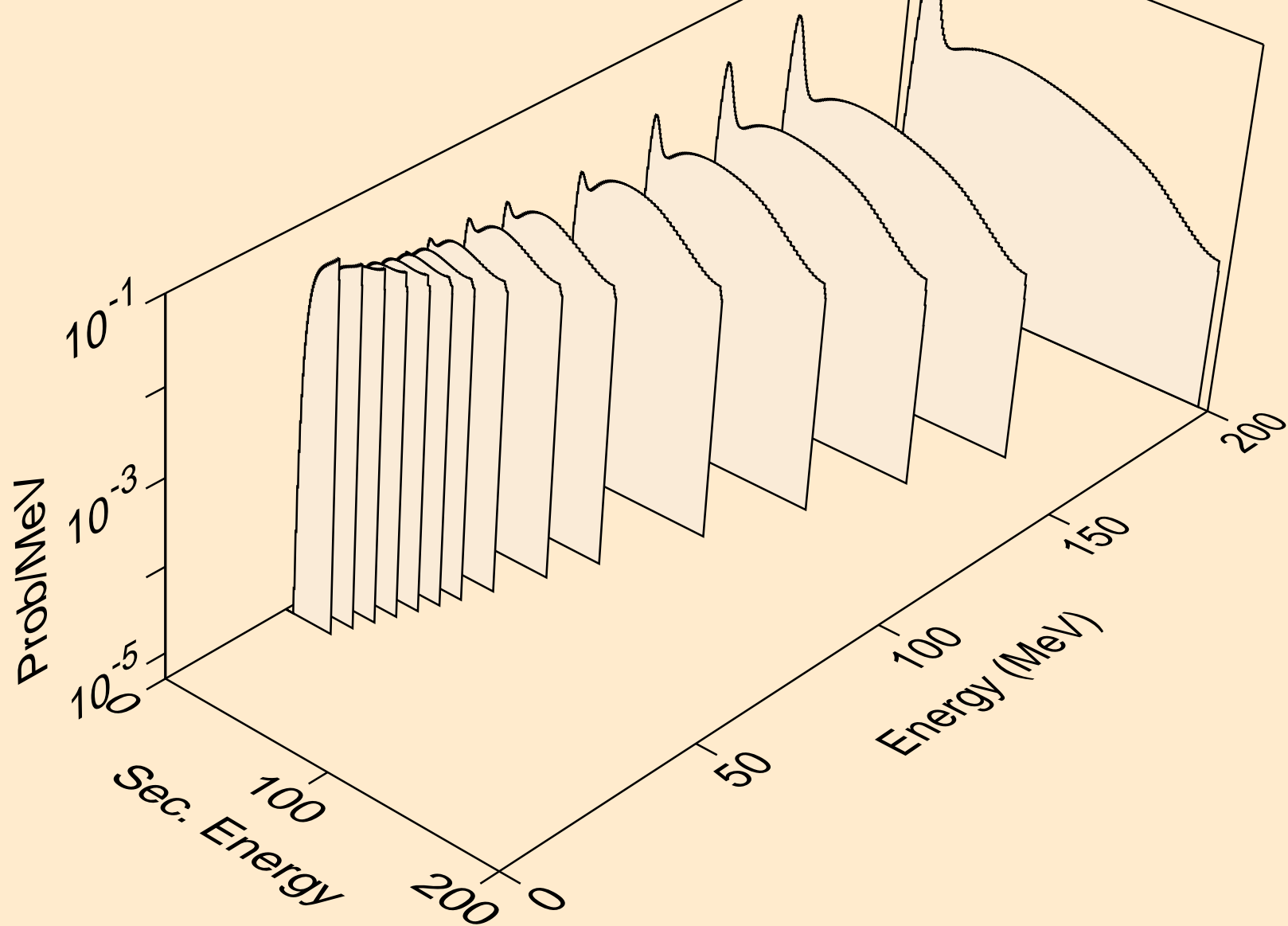
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protons from (n,pd)



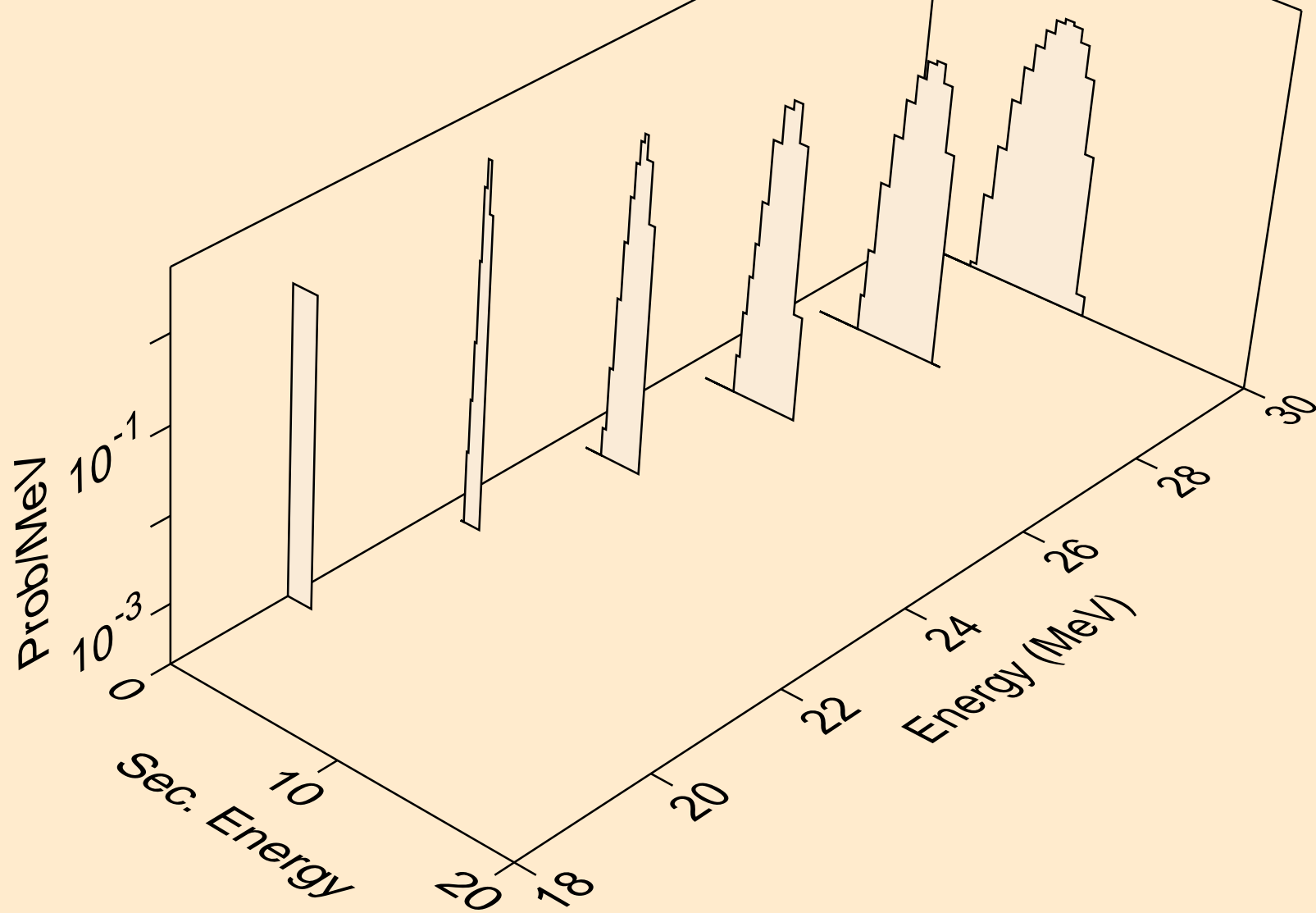
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protons from (n,pt)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

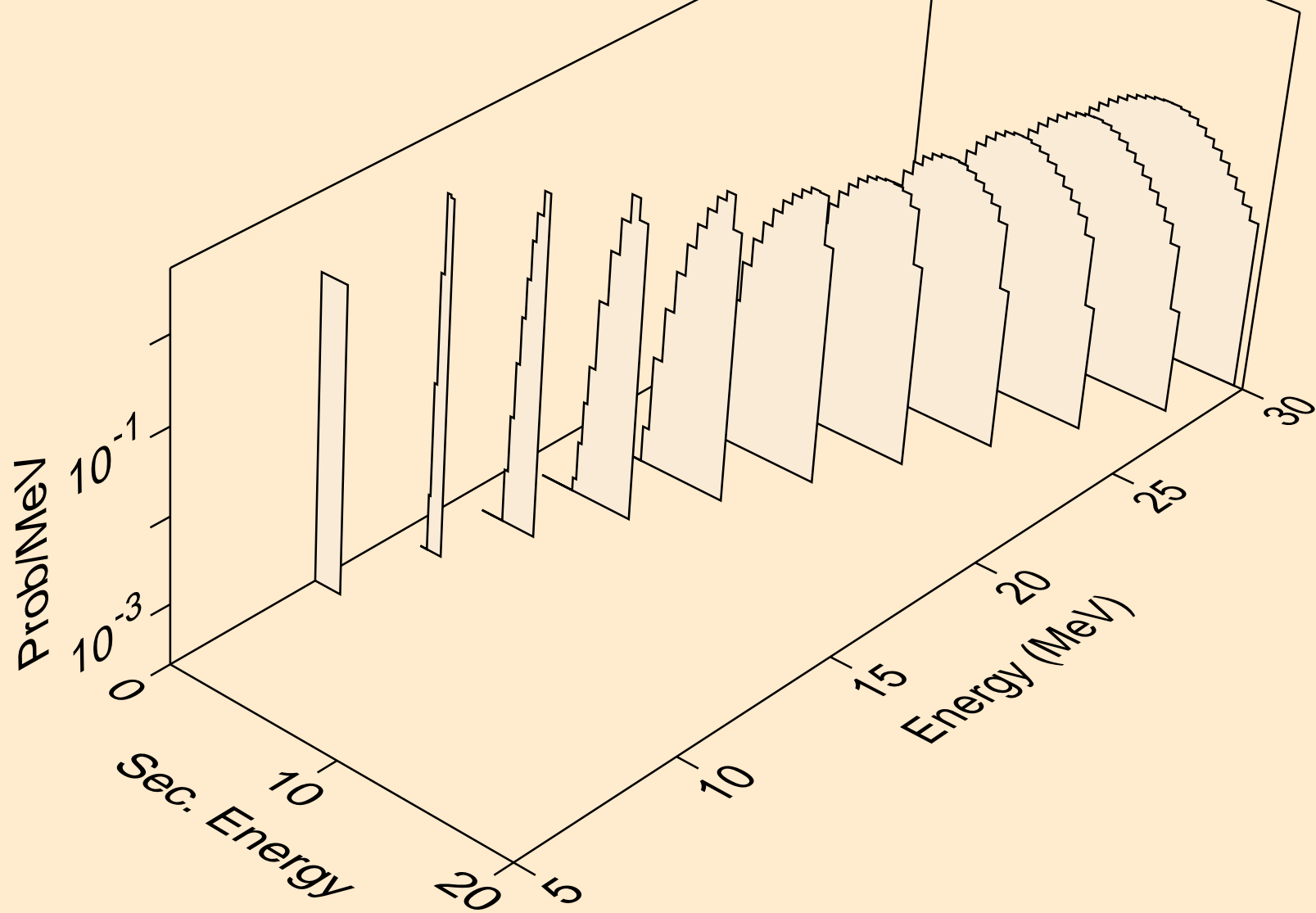


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deuterons from (n,2nd)

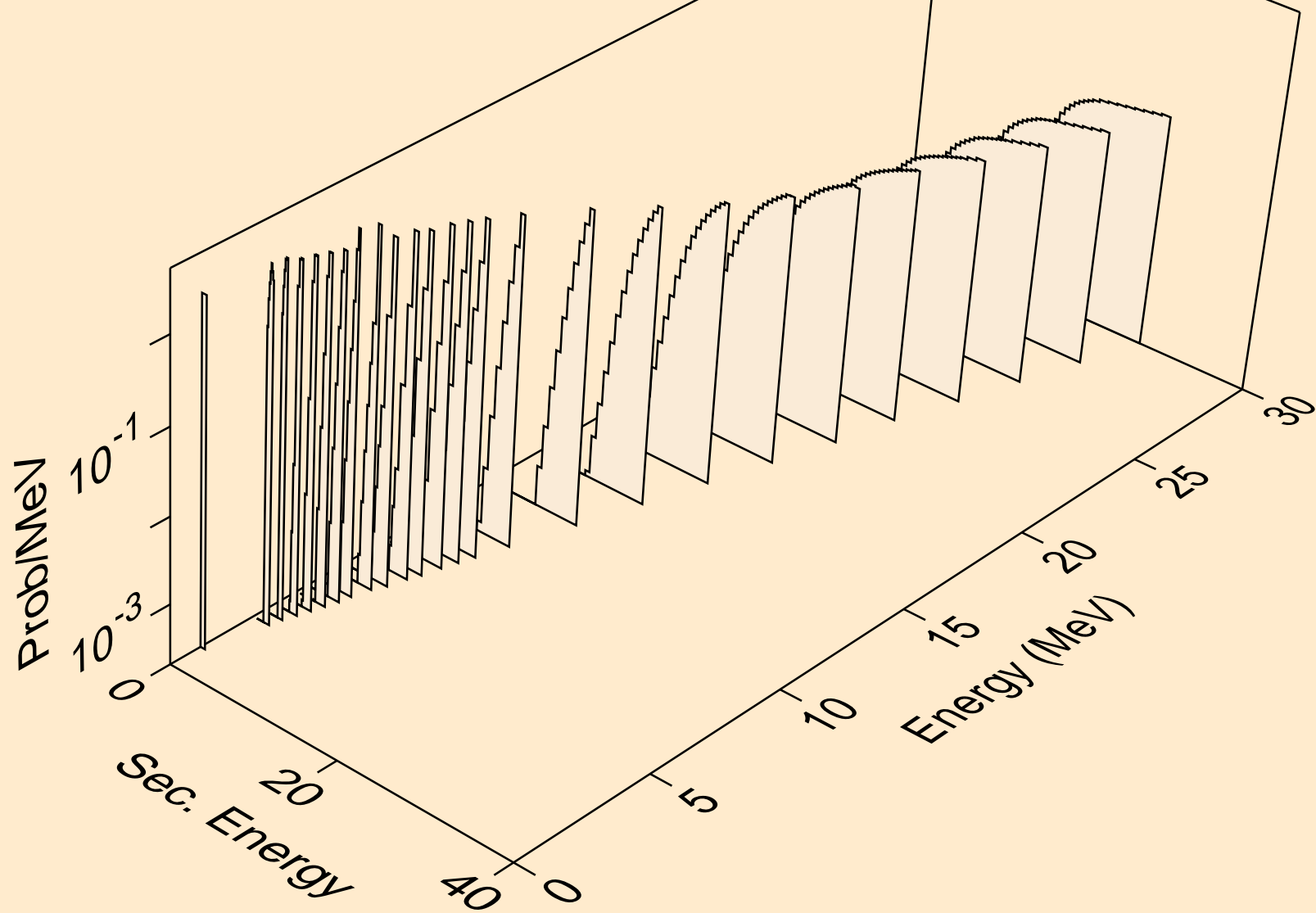




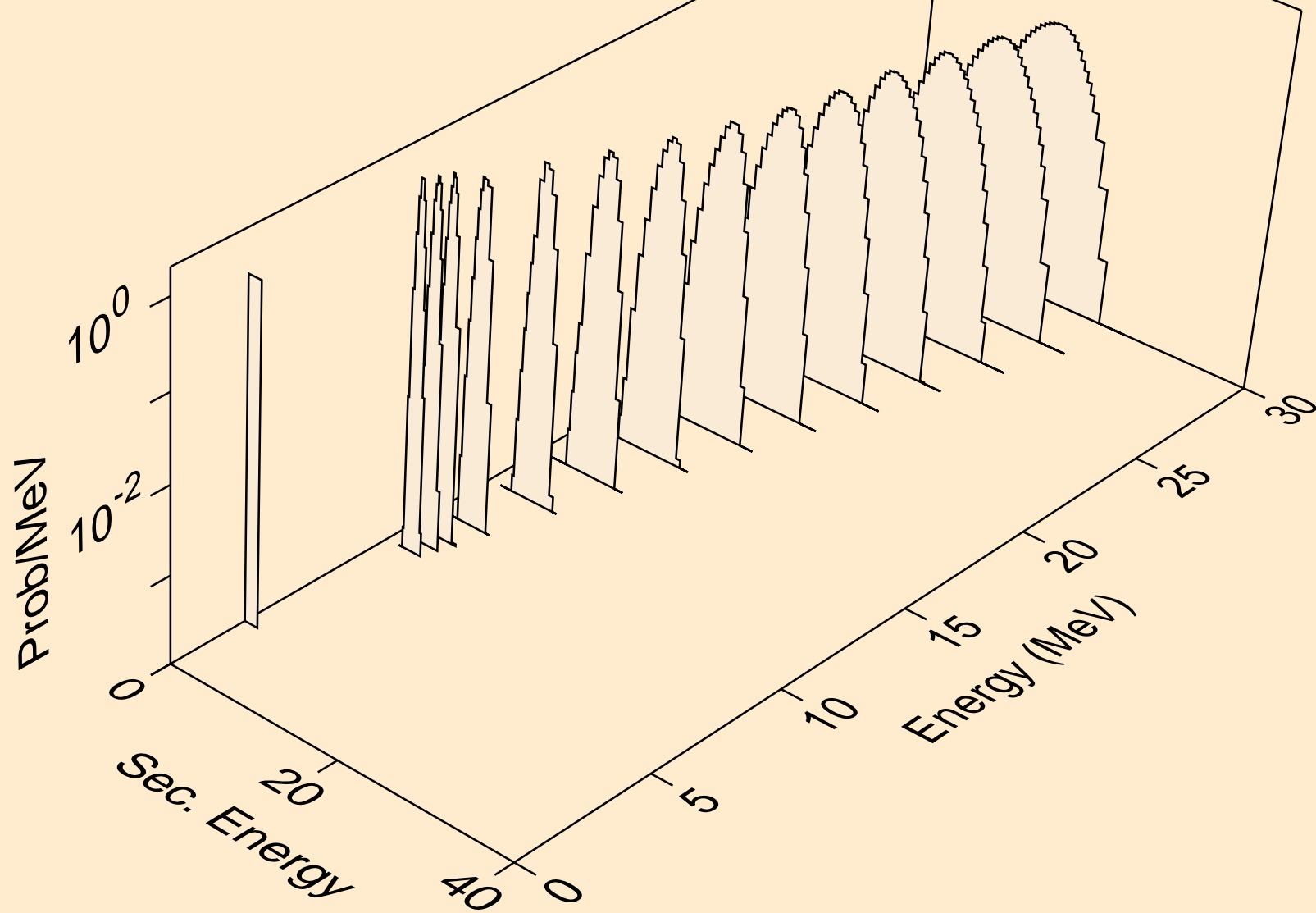
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deuterons from (n,n\*)d



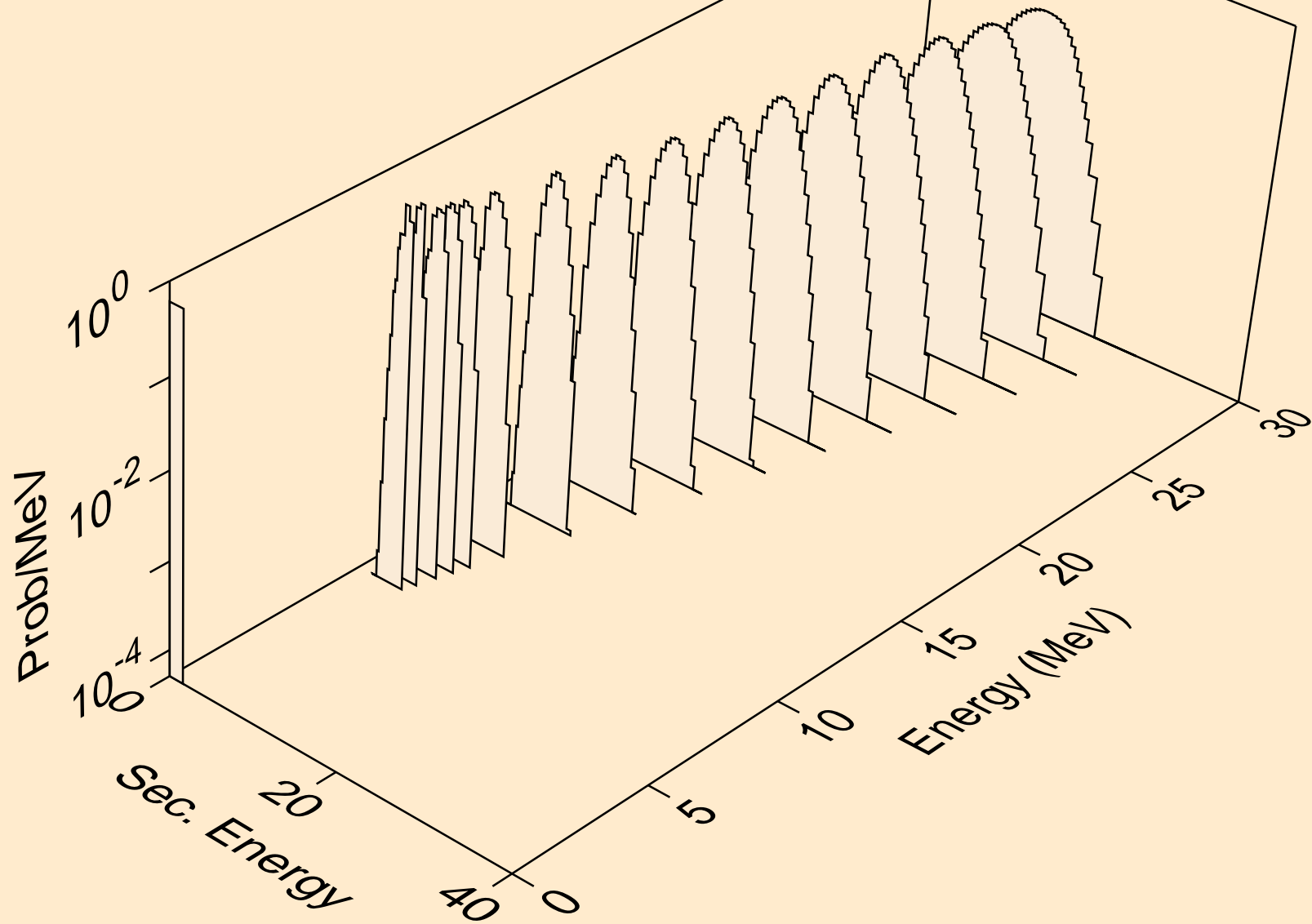
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deuterons from (n,d)



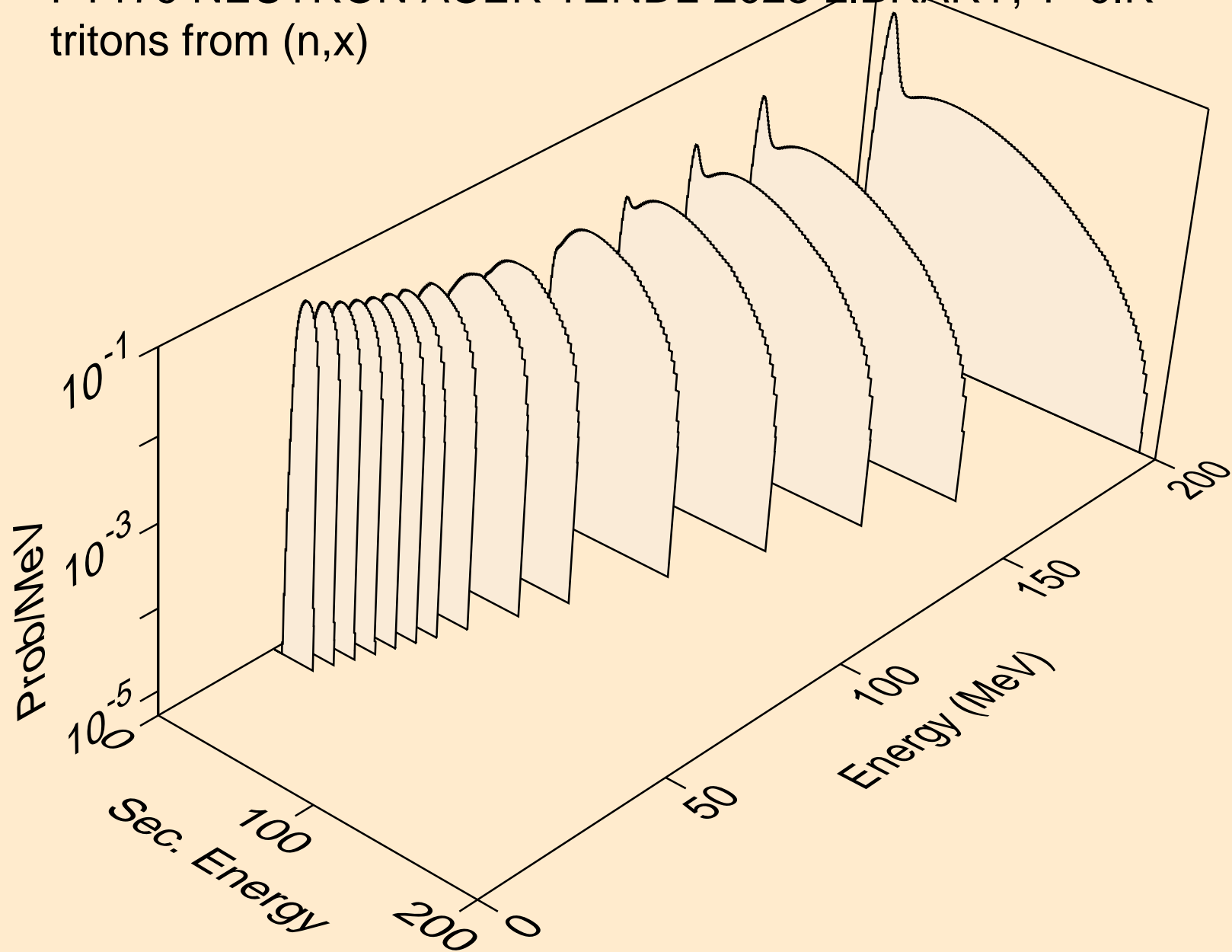
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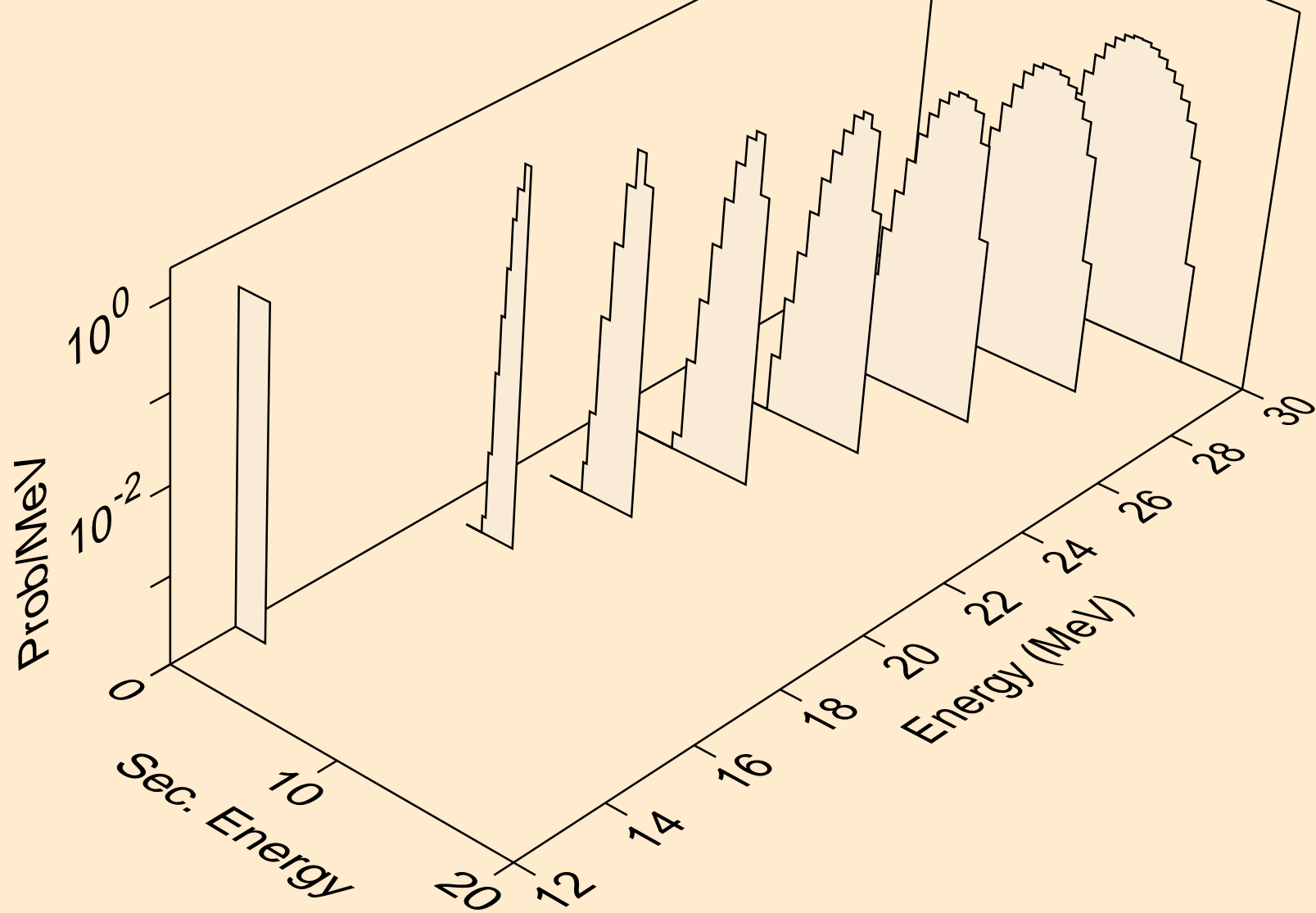
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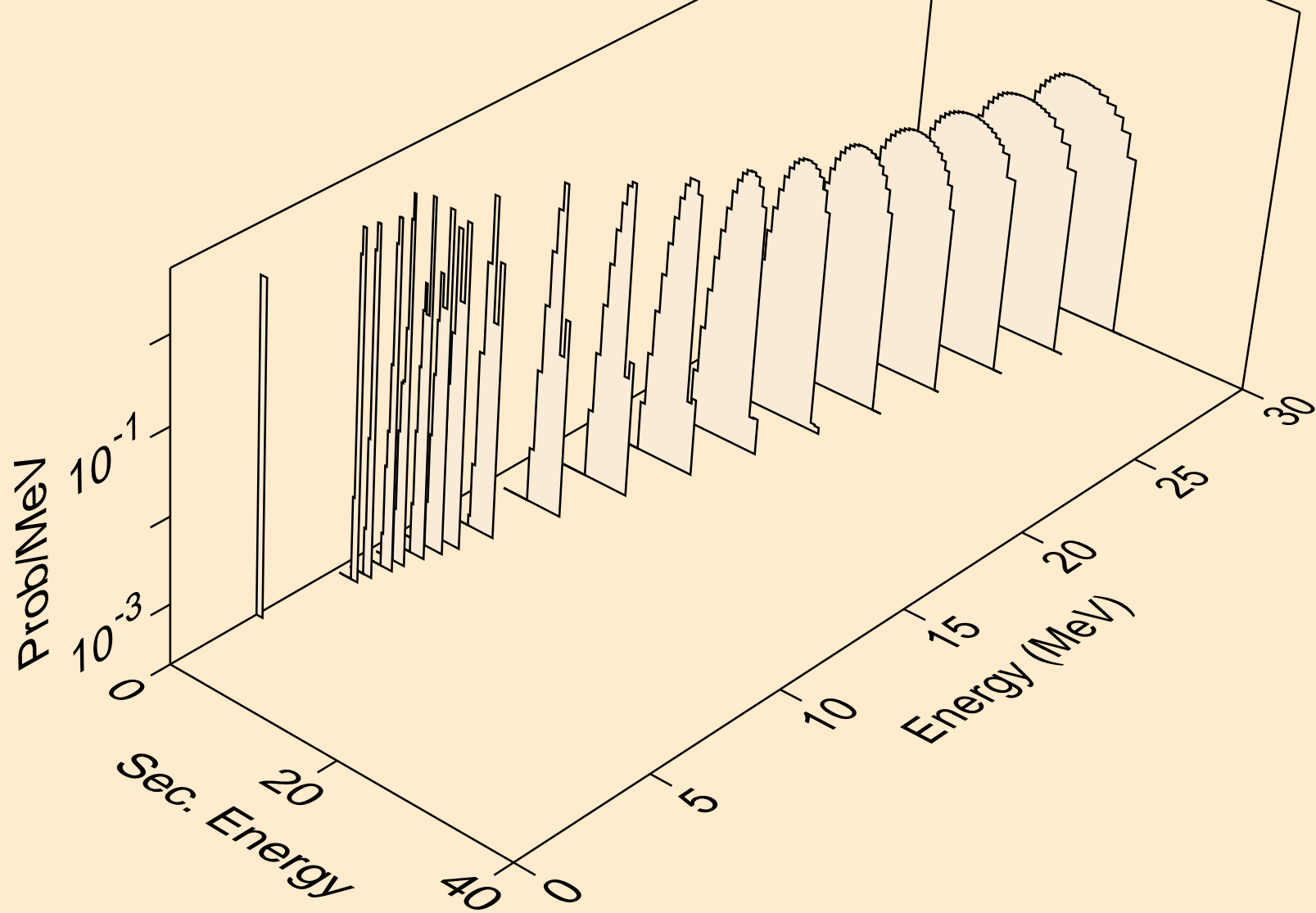
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tritons from (n,x)



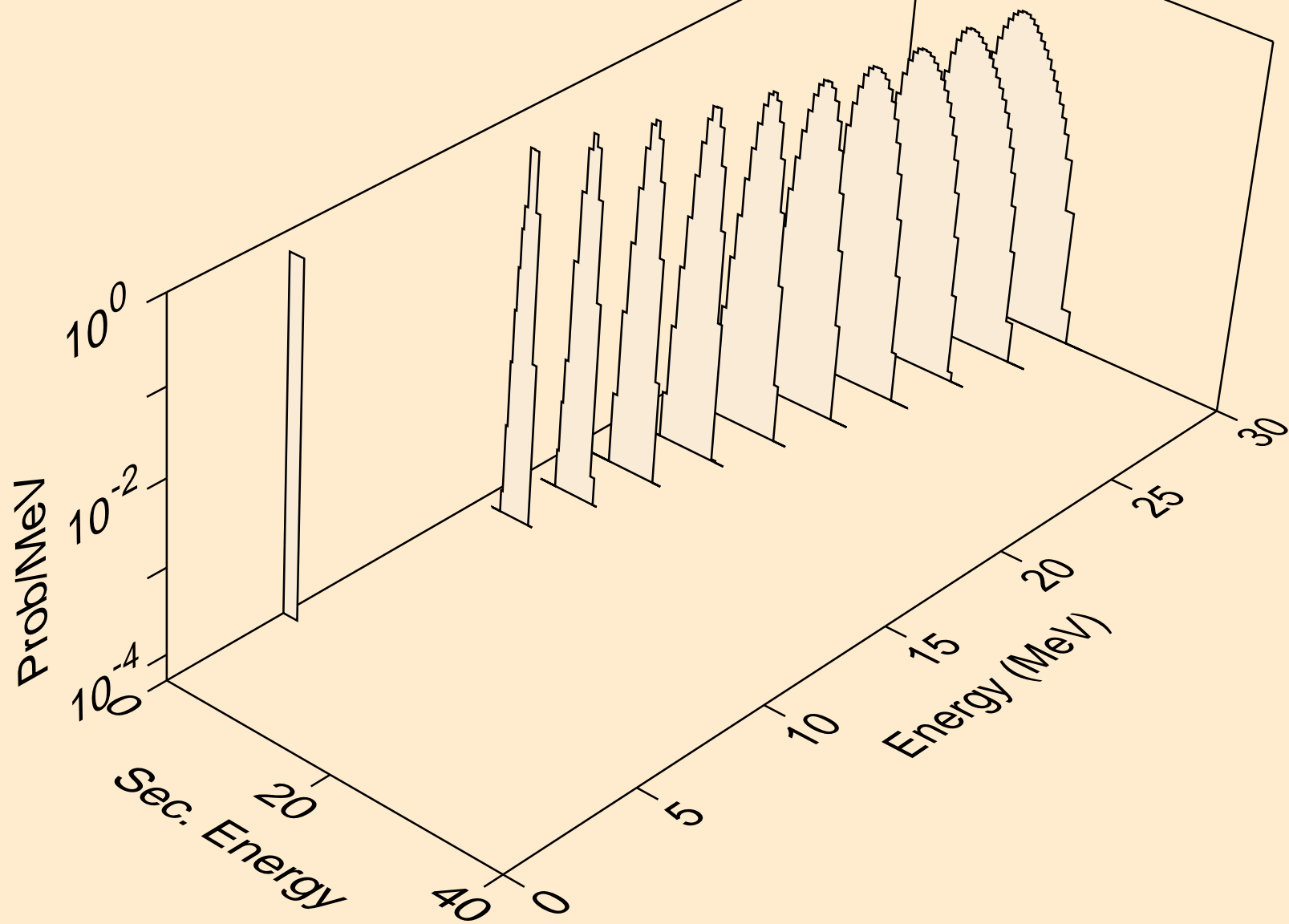
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

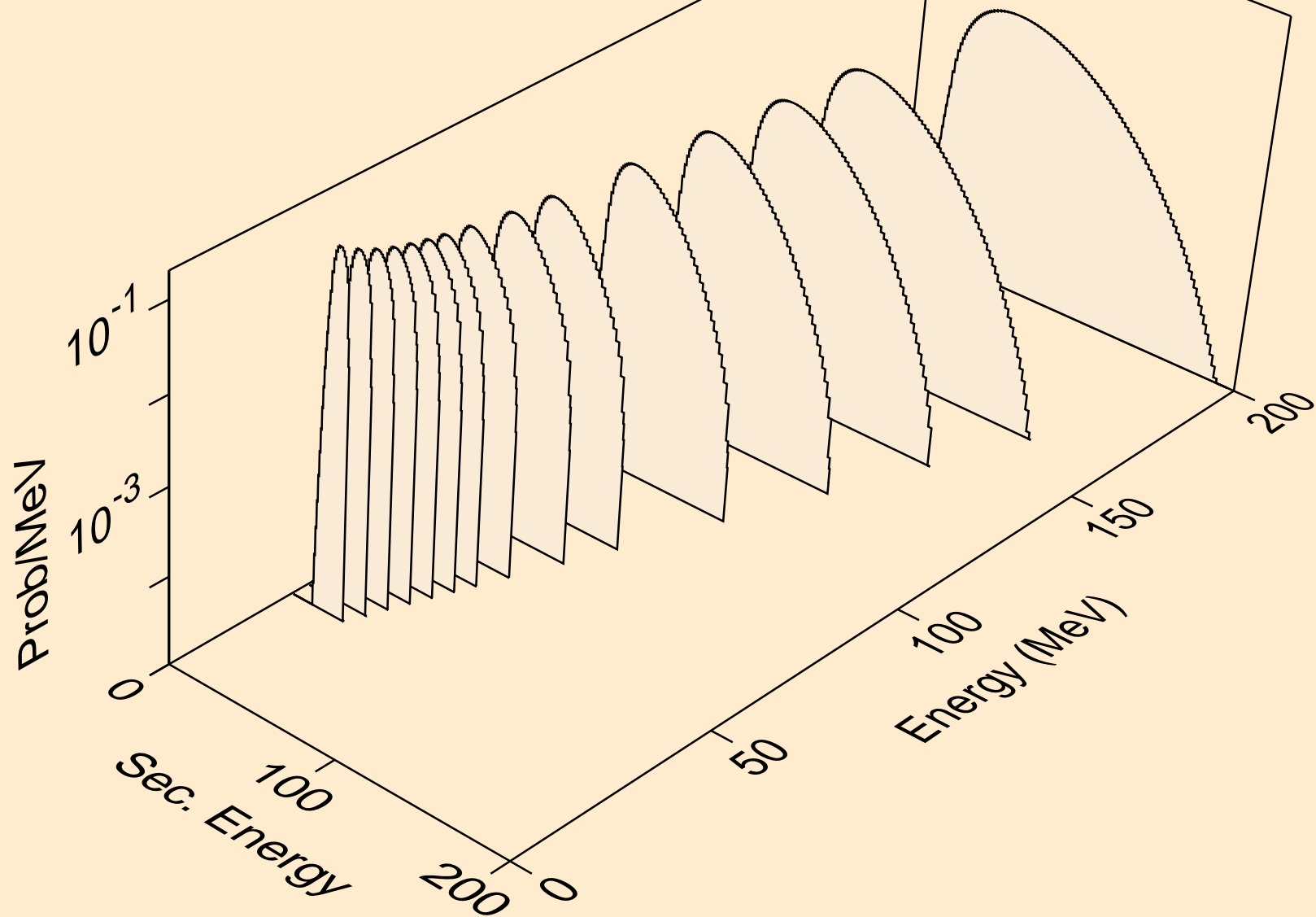


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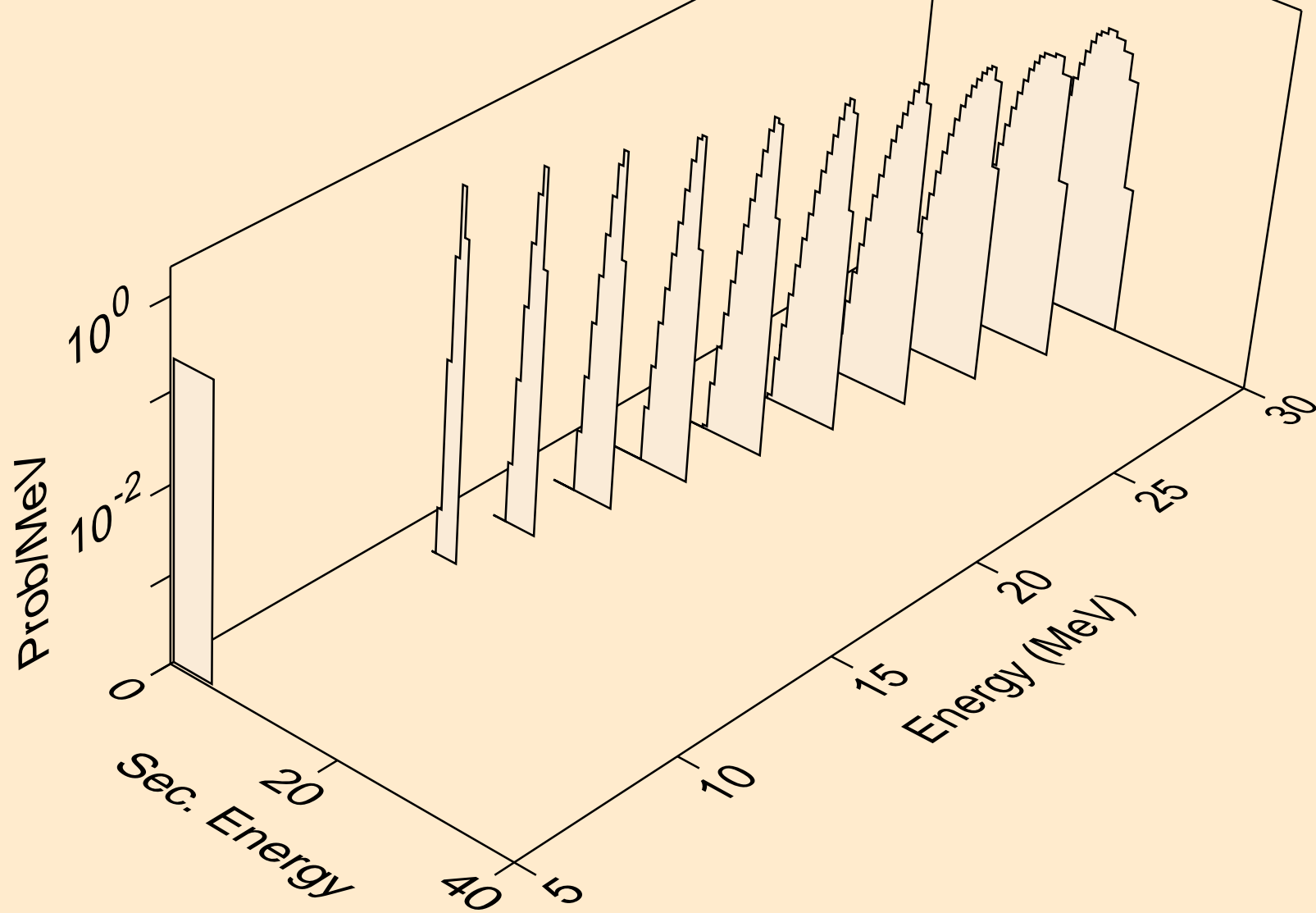




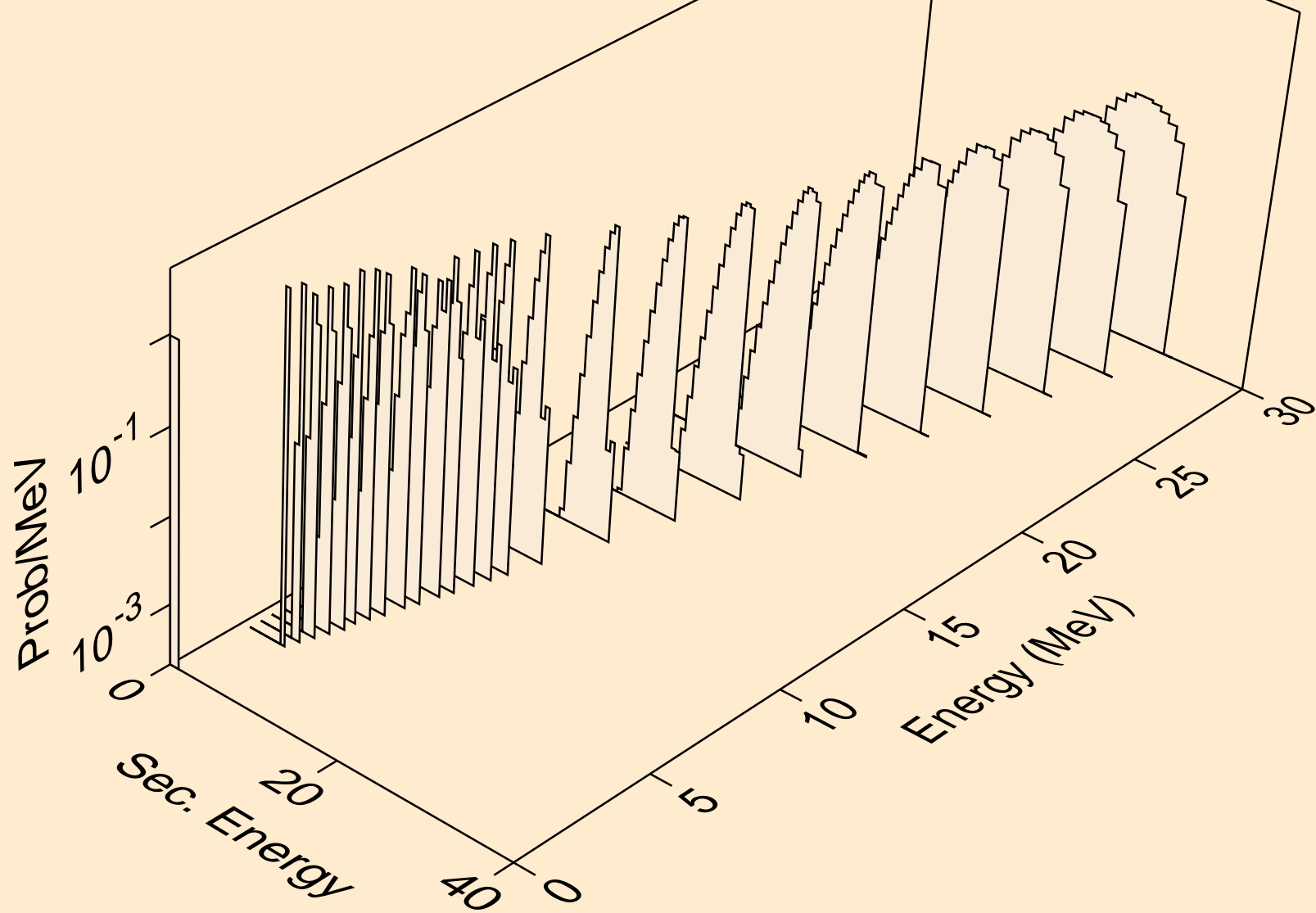
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he3s from (n,x)



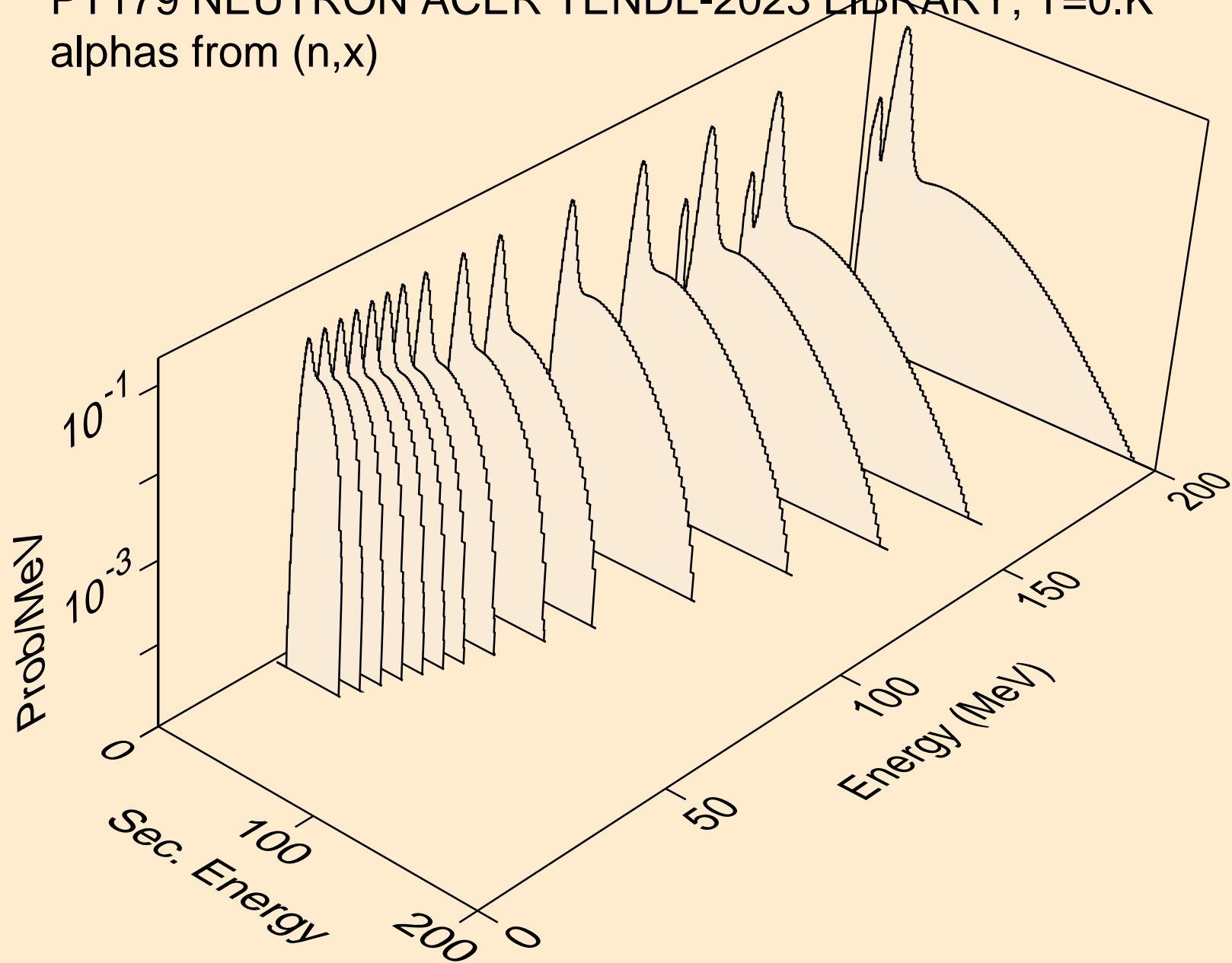
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he3s from (n,n\*)he3



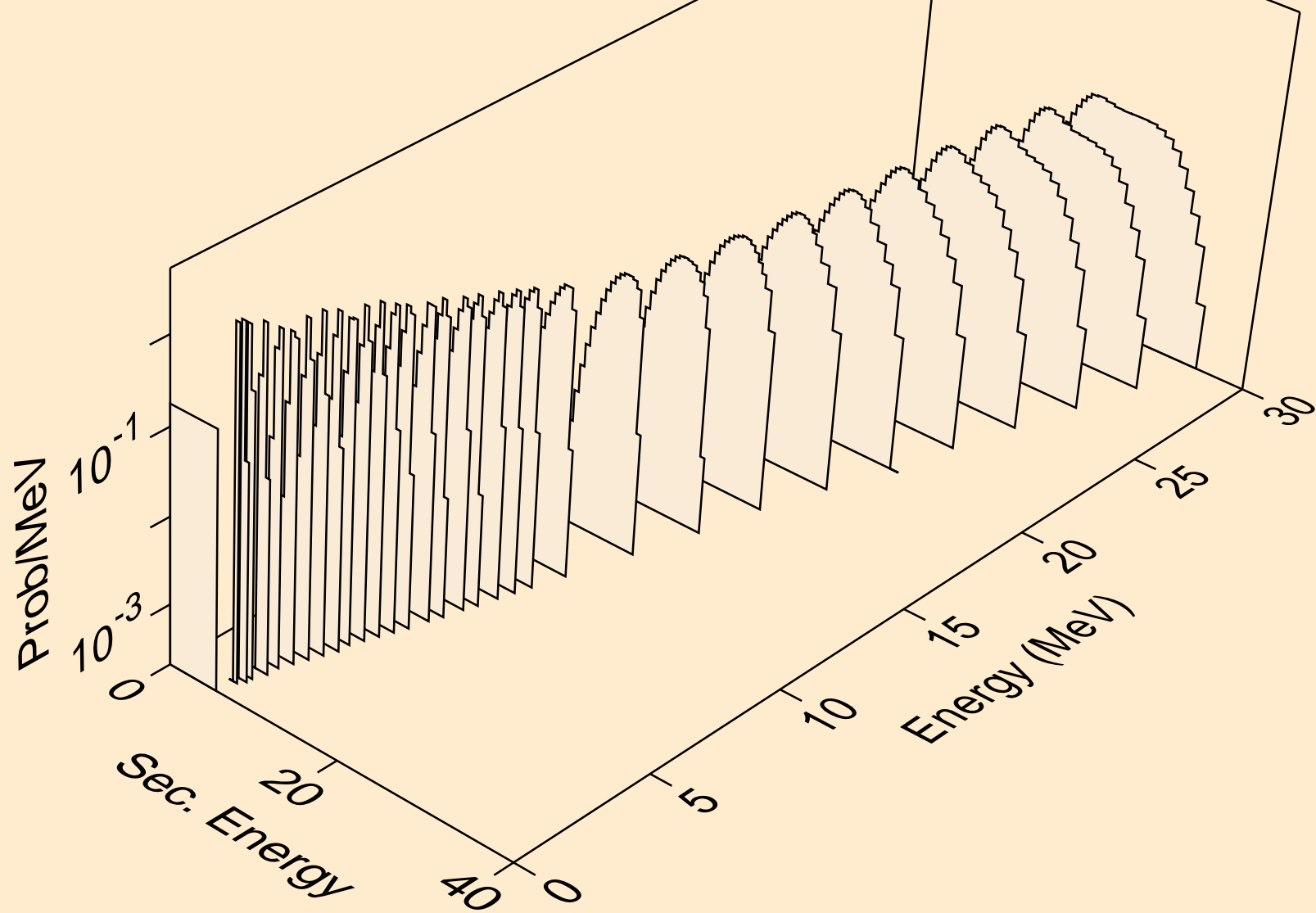
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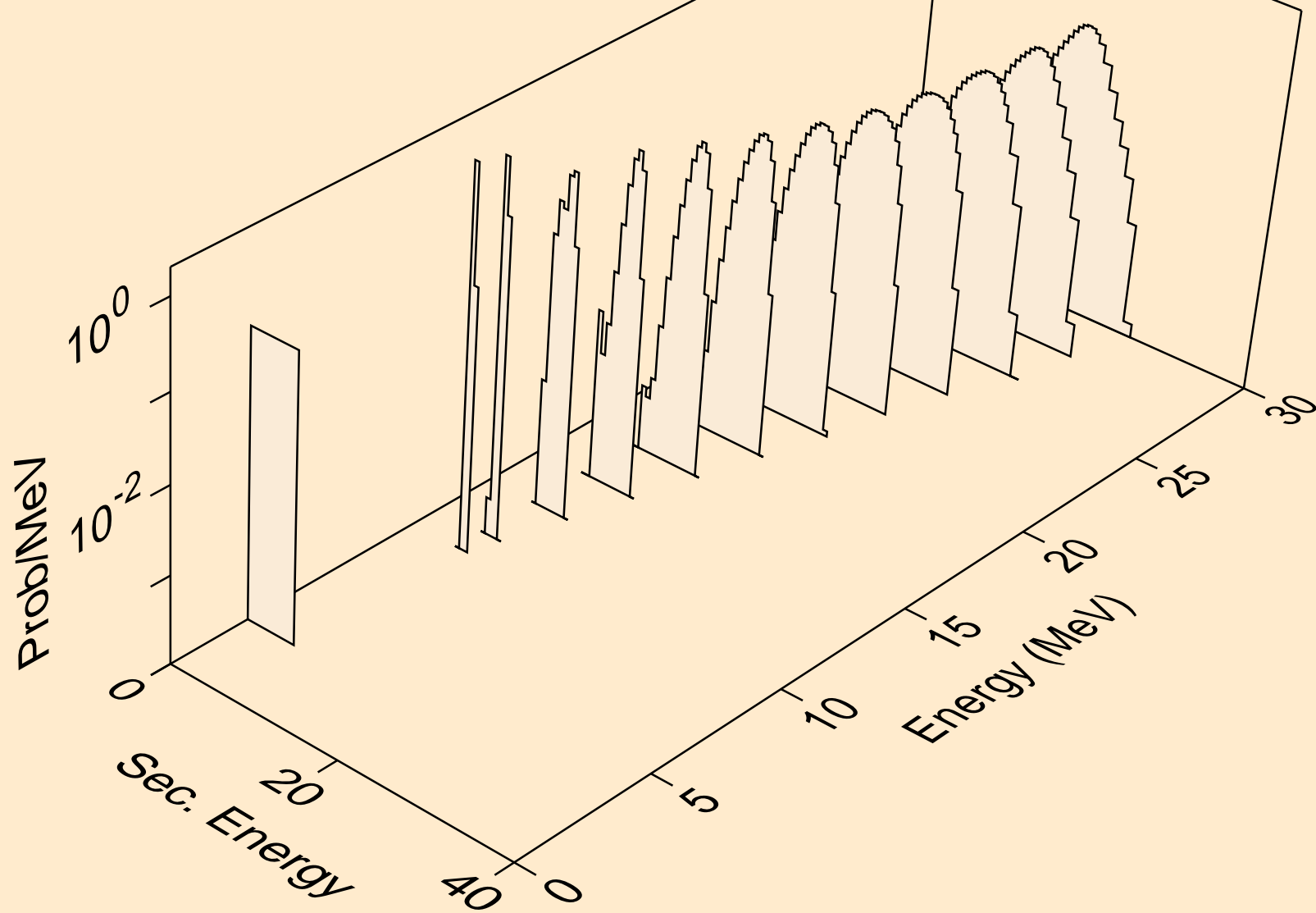
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alphas from (n,x)



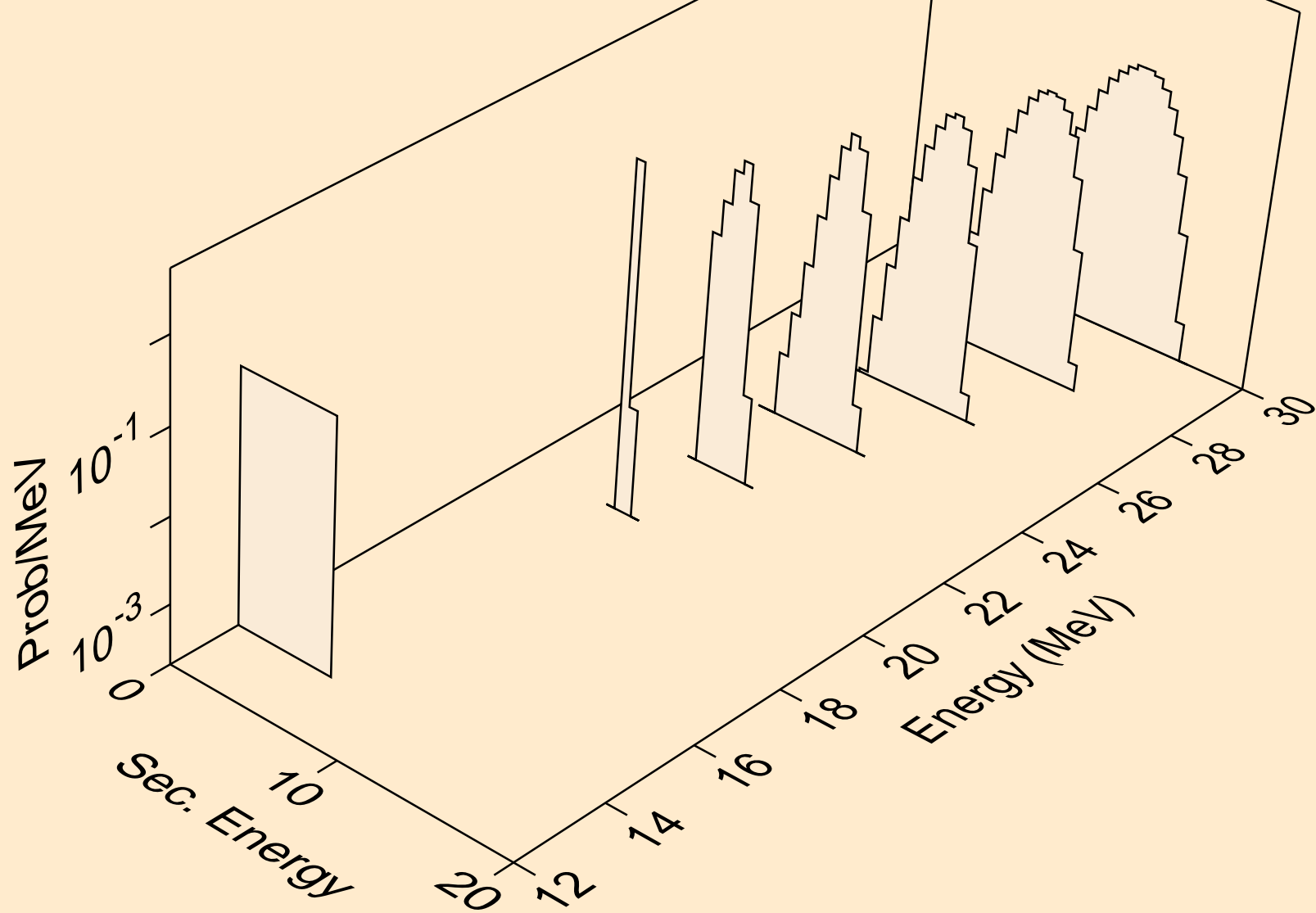
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alphas from (n,n\*)a



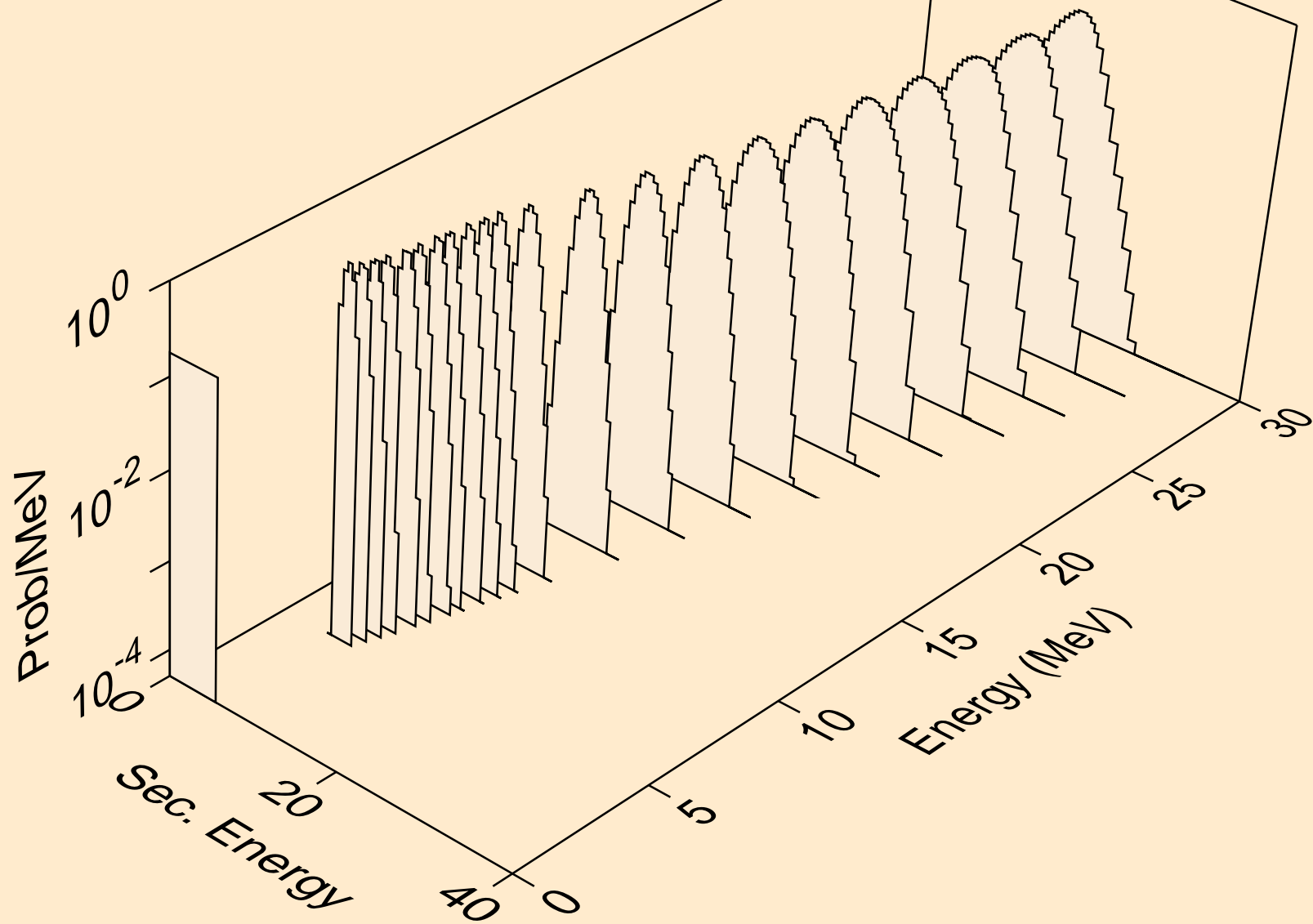
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alphas from (n,2n)a



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

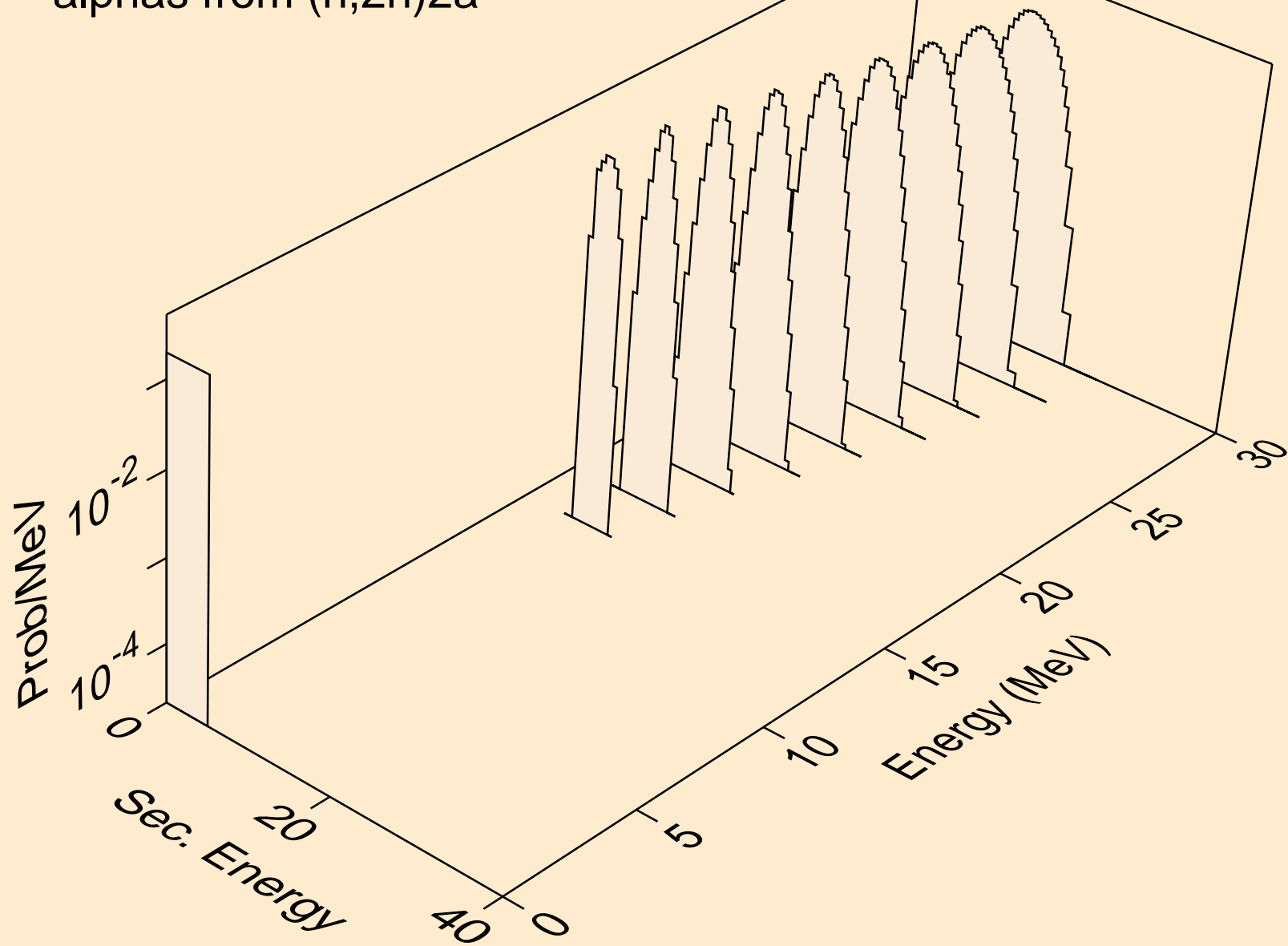


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alphas from (n,n\*)2a

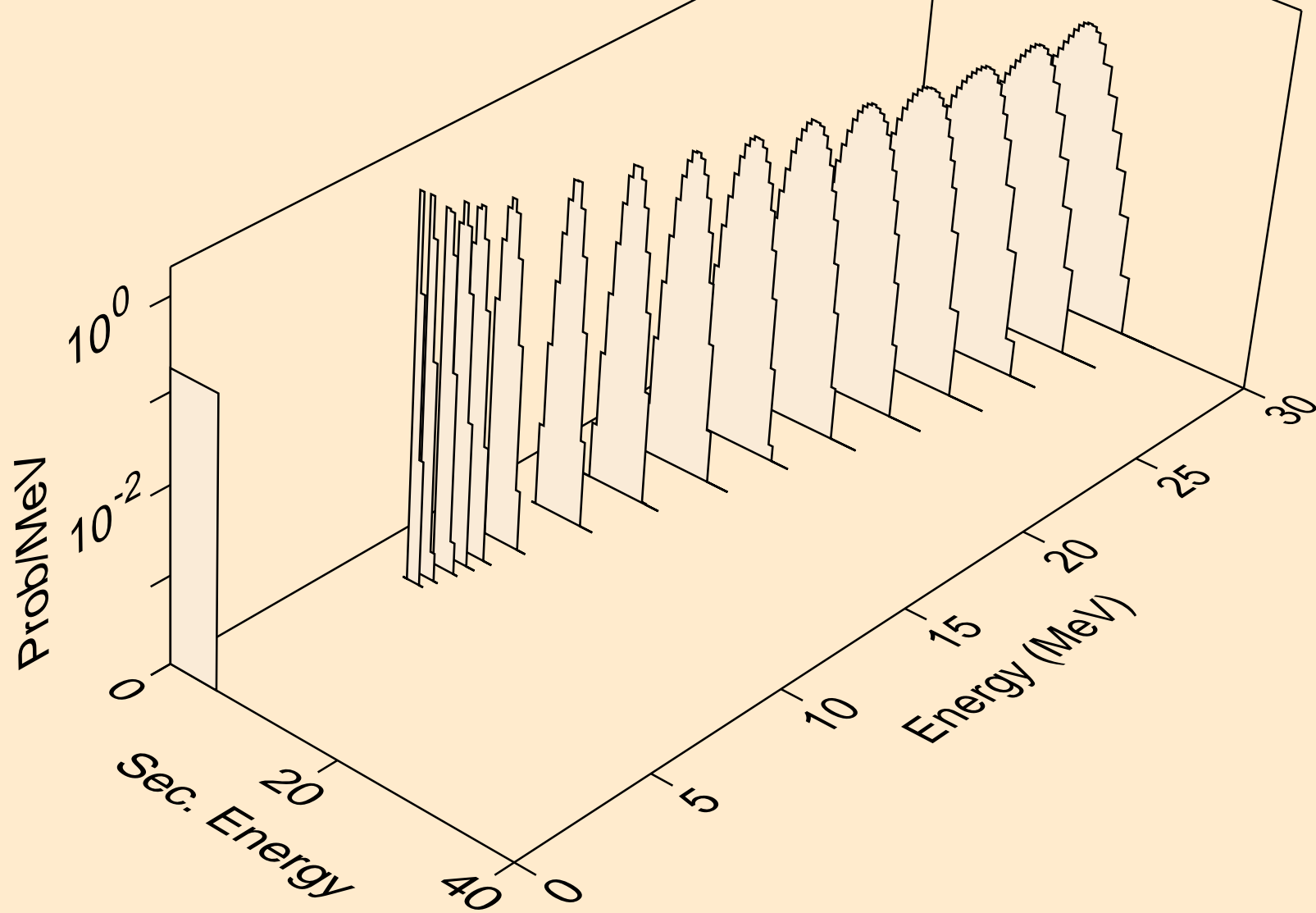




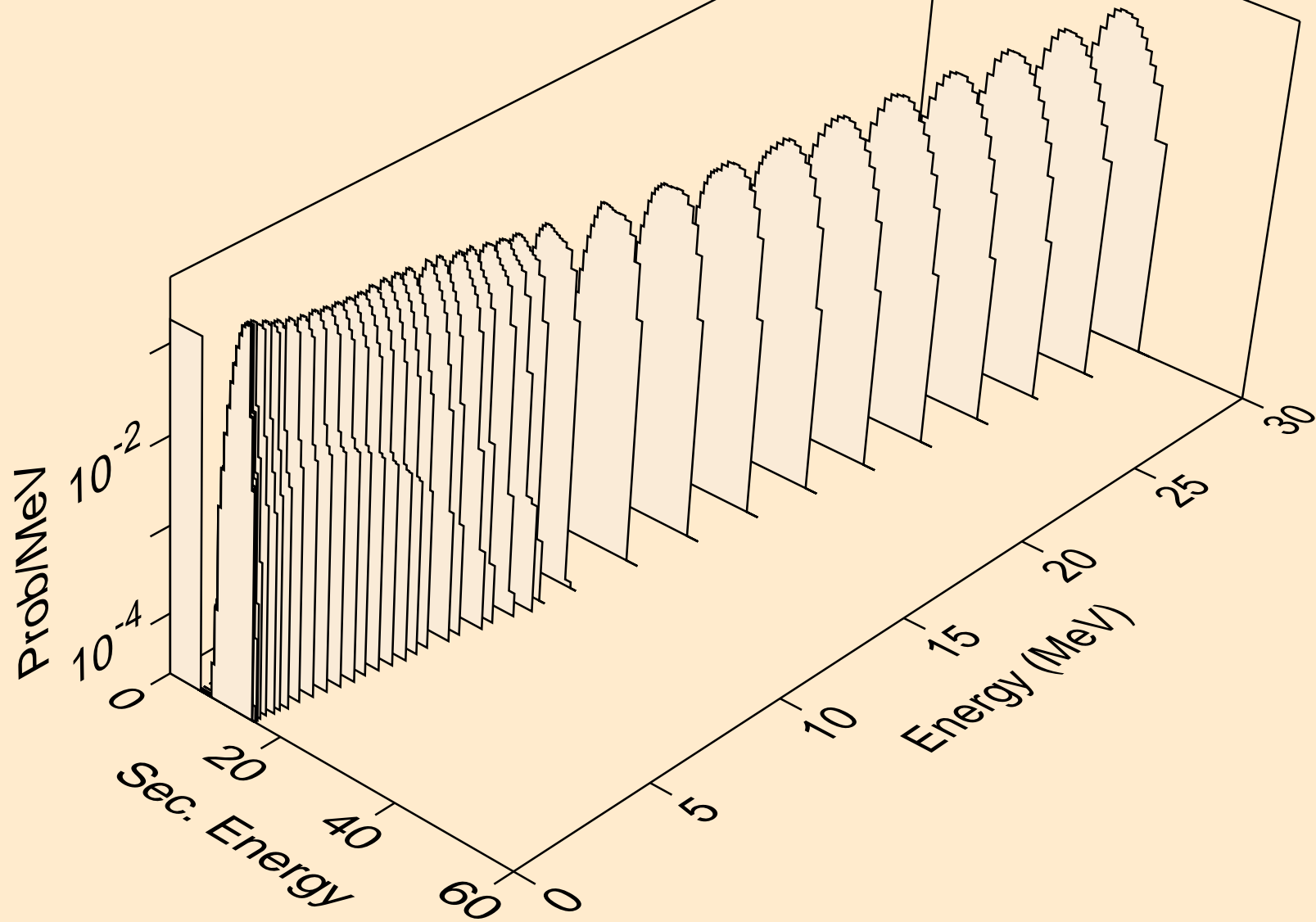
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alphas from (n,2n)2a



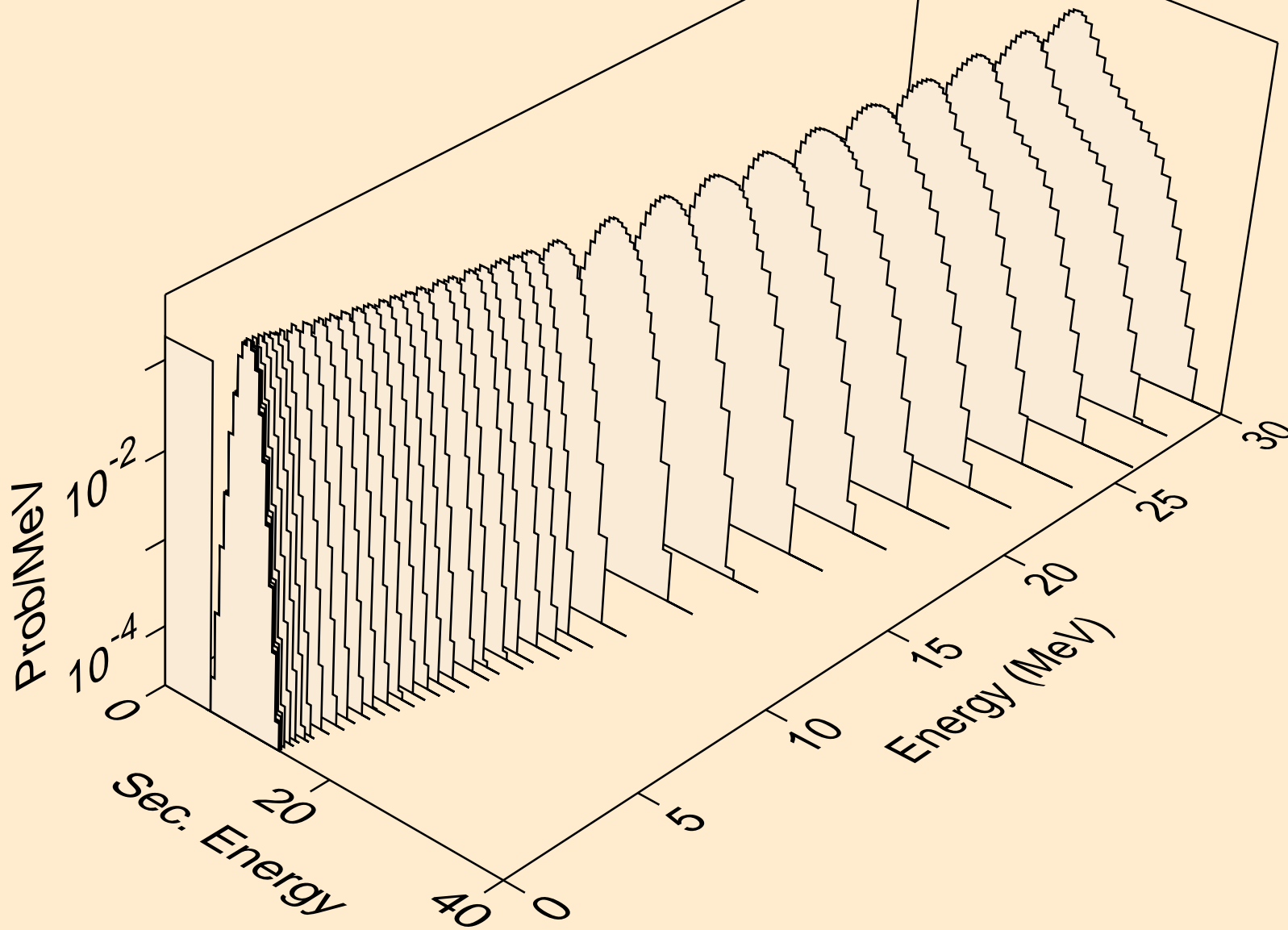
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alphas from (n,npa)



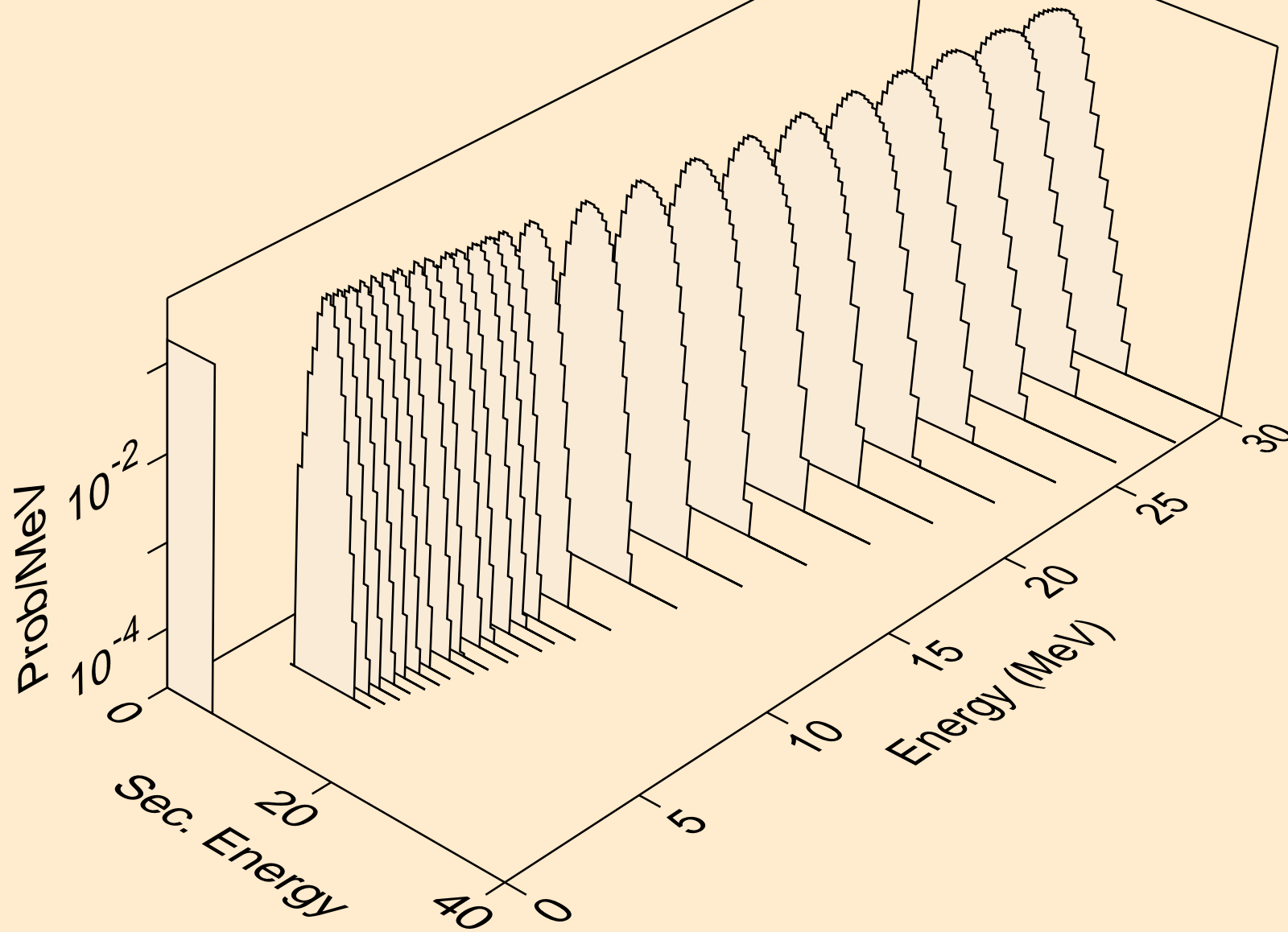
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alphas from (n,a)



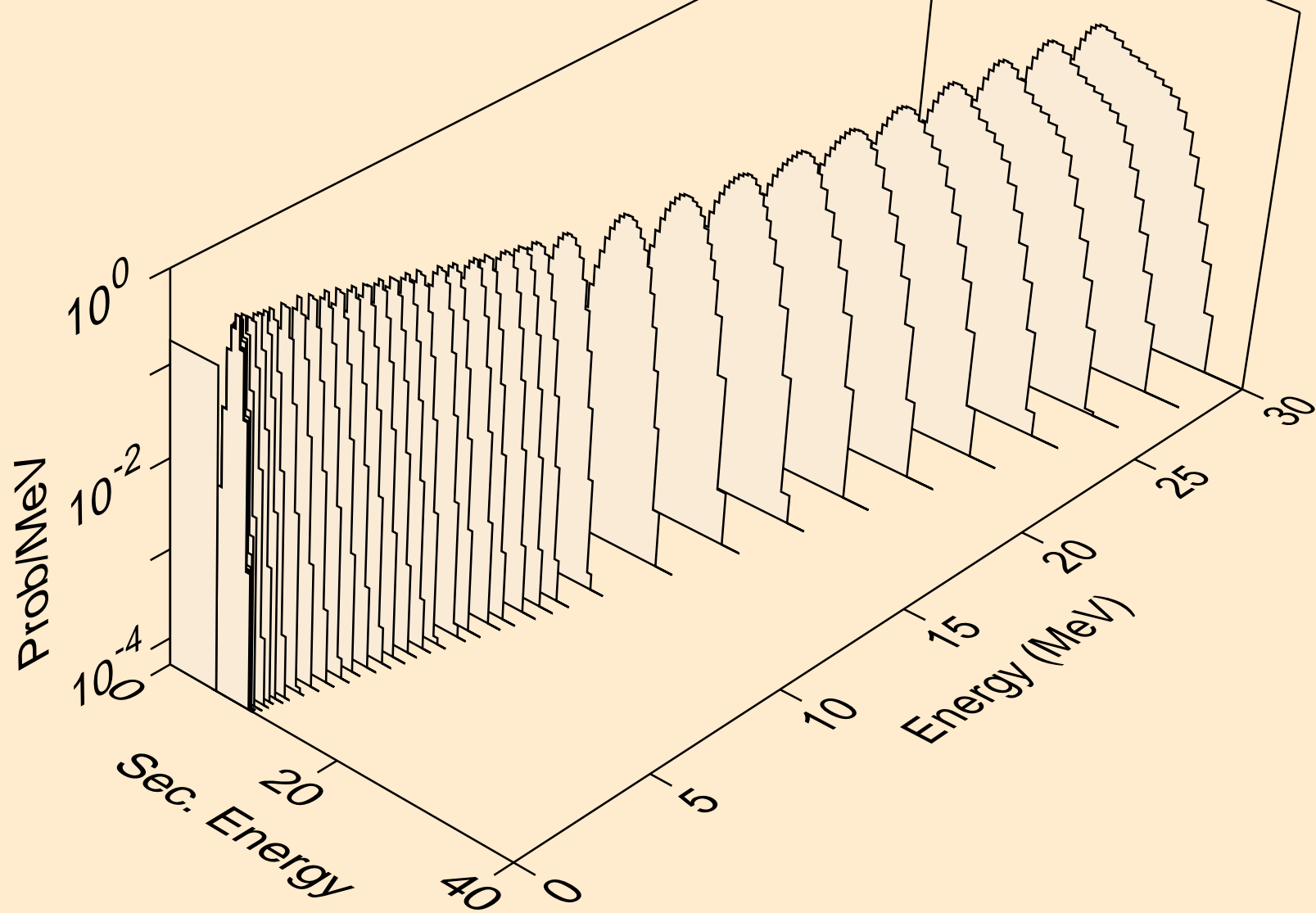
PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



PT179 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

