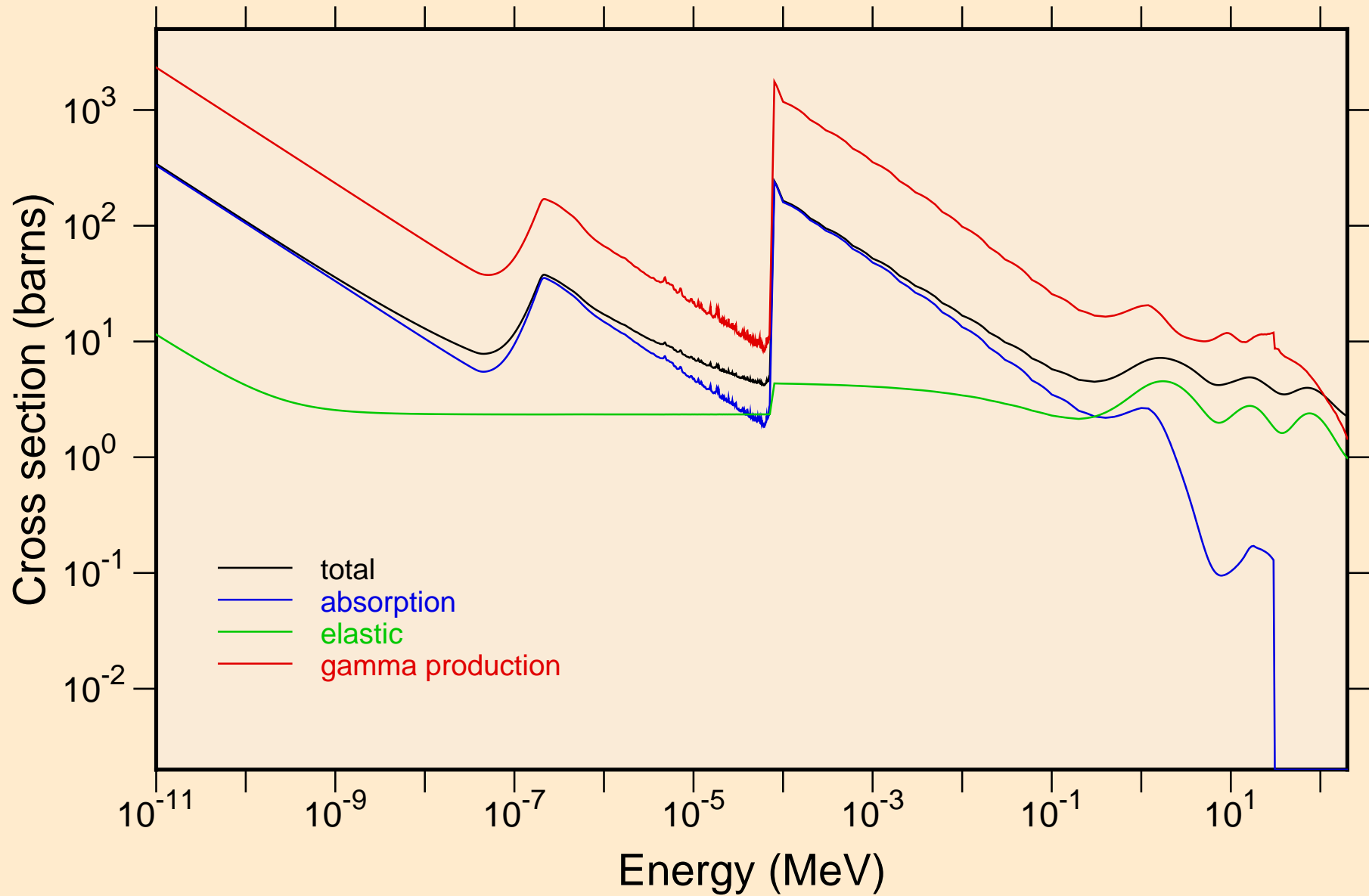
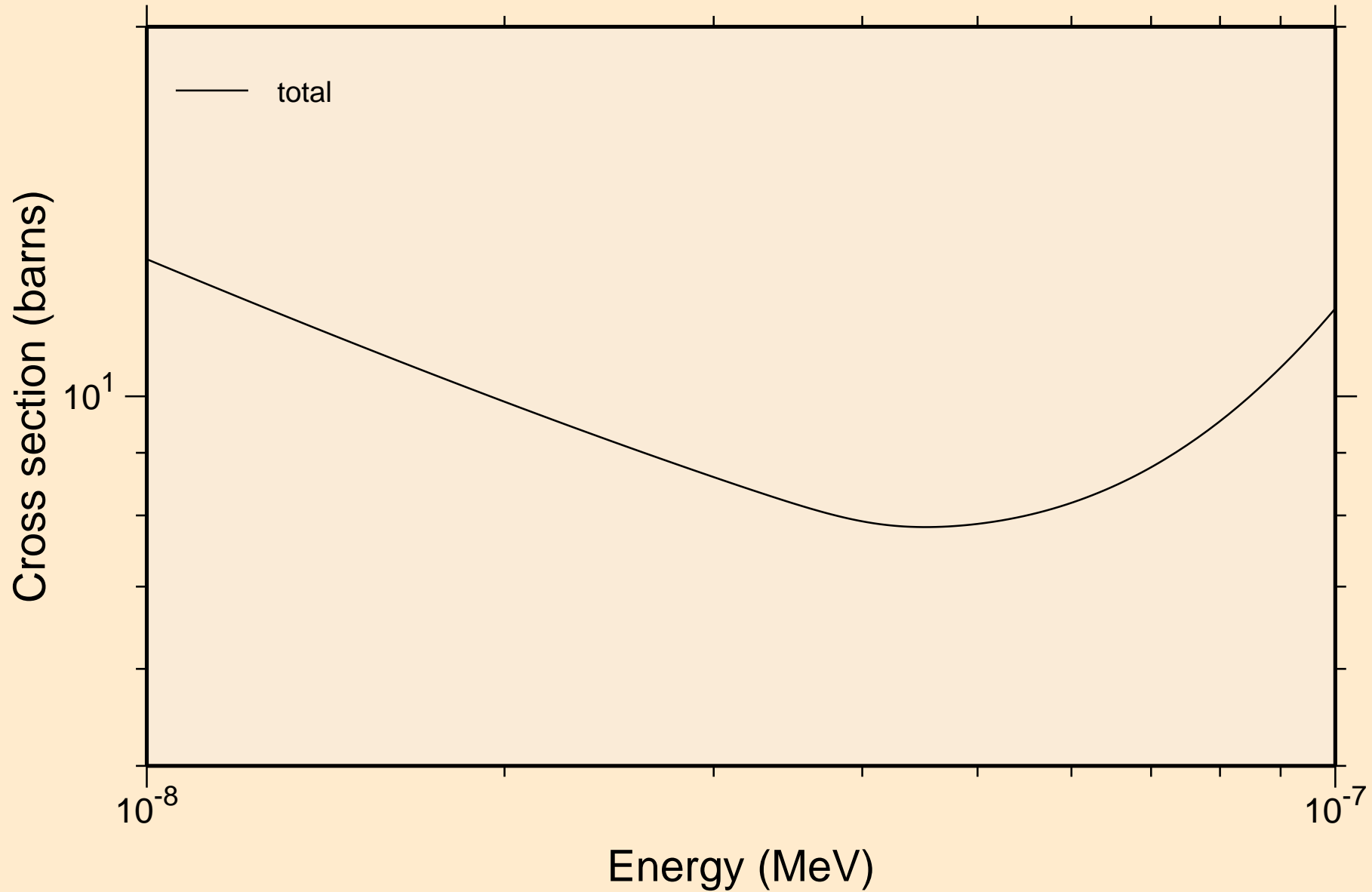


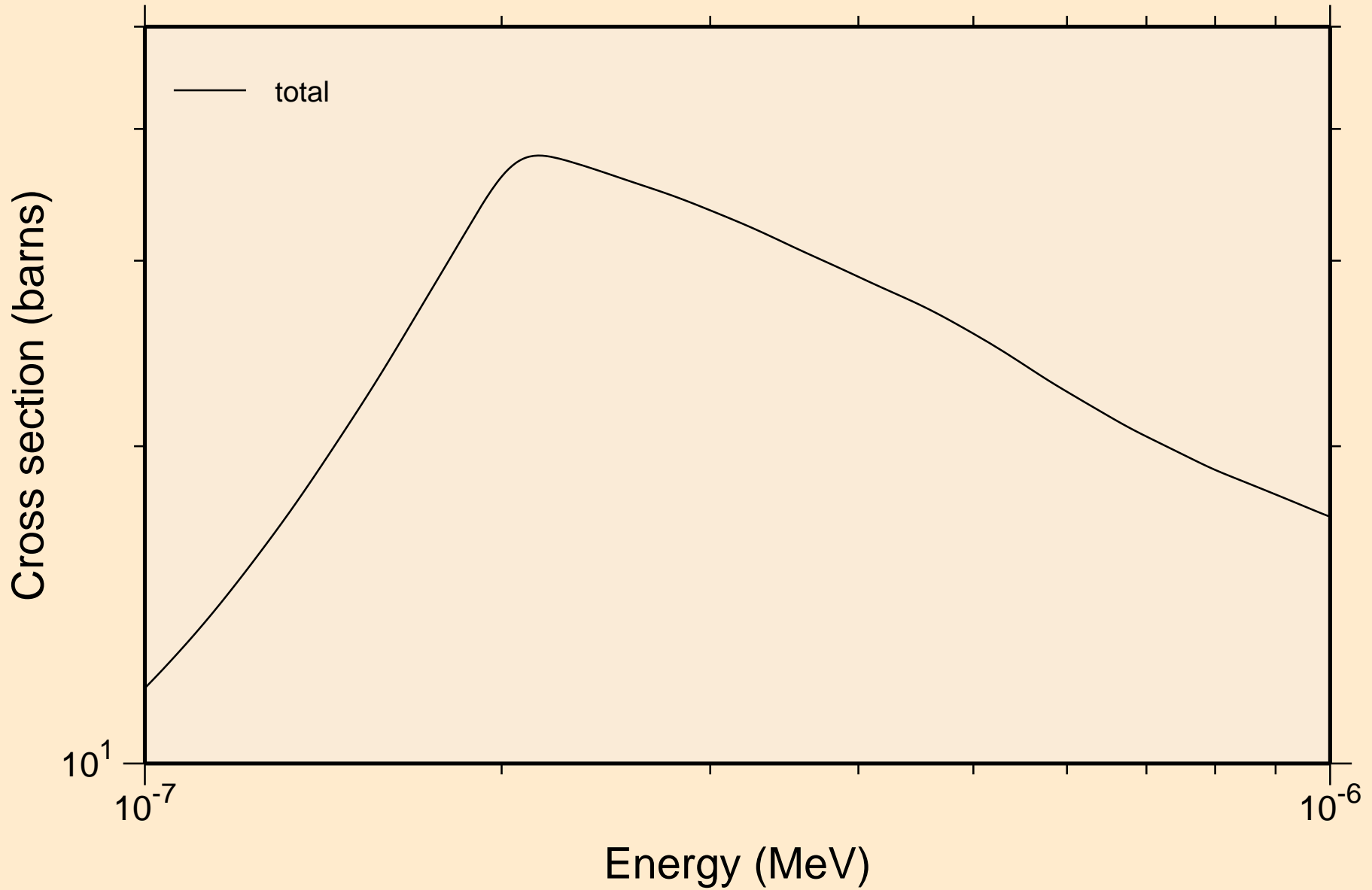
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Principal cross sections



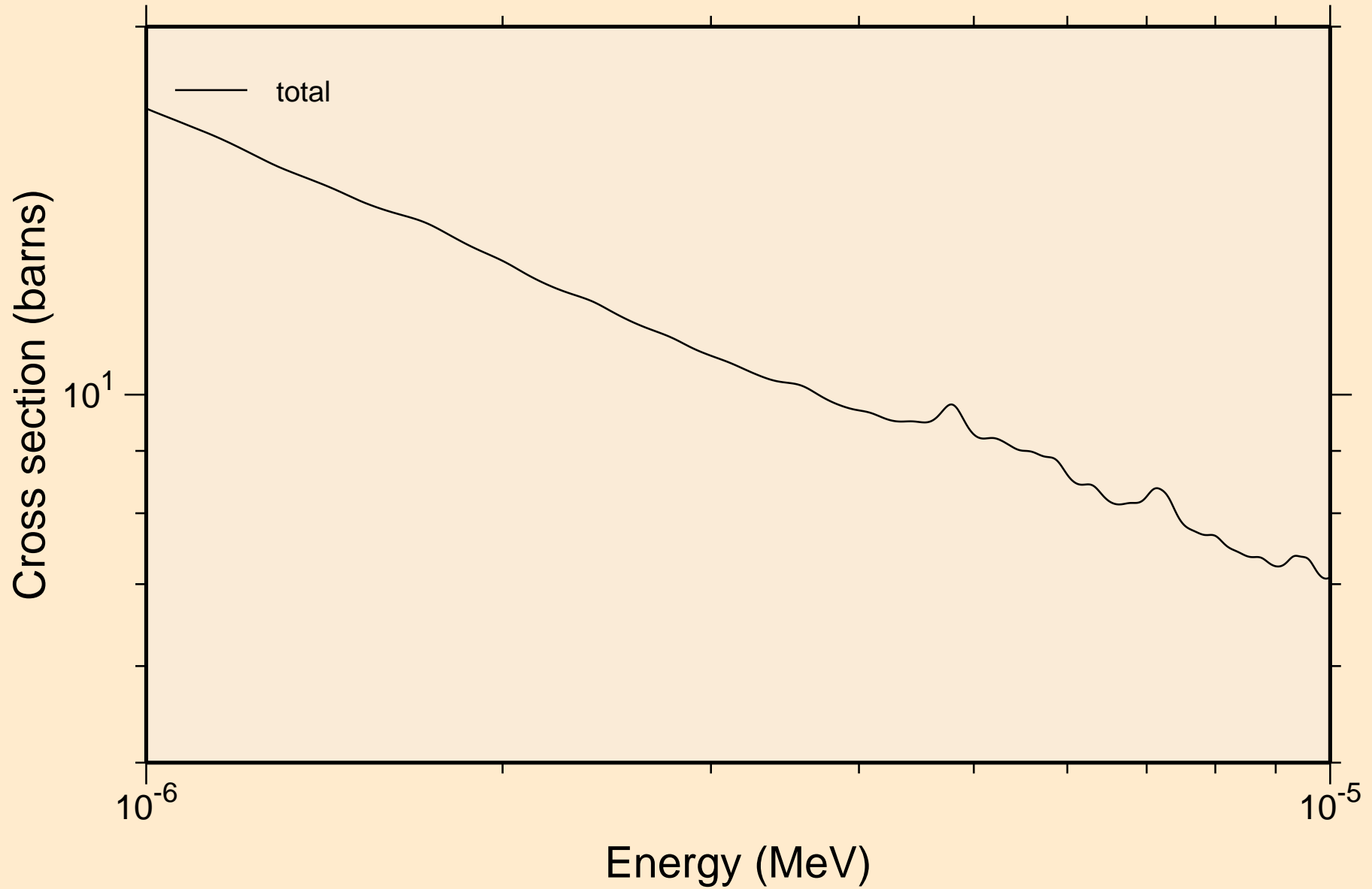
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resonance total cross section



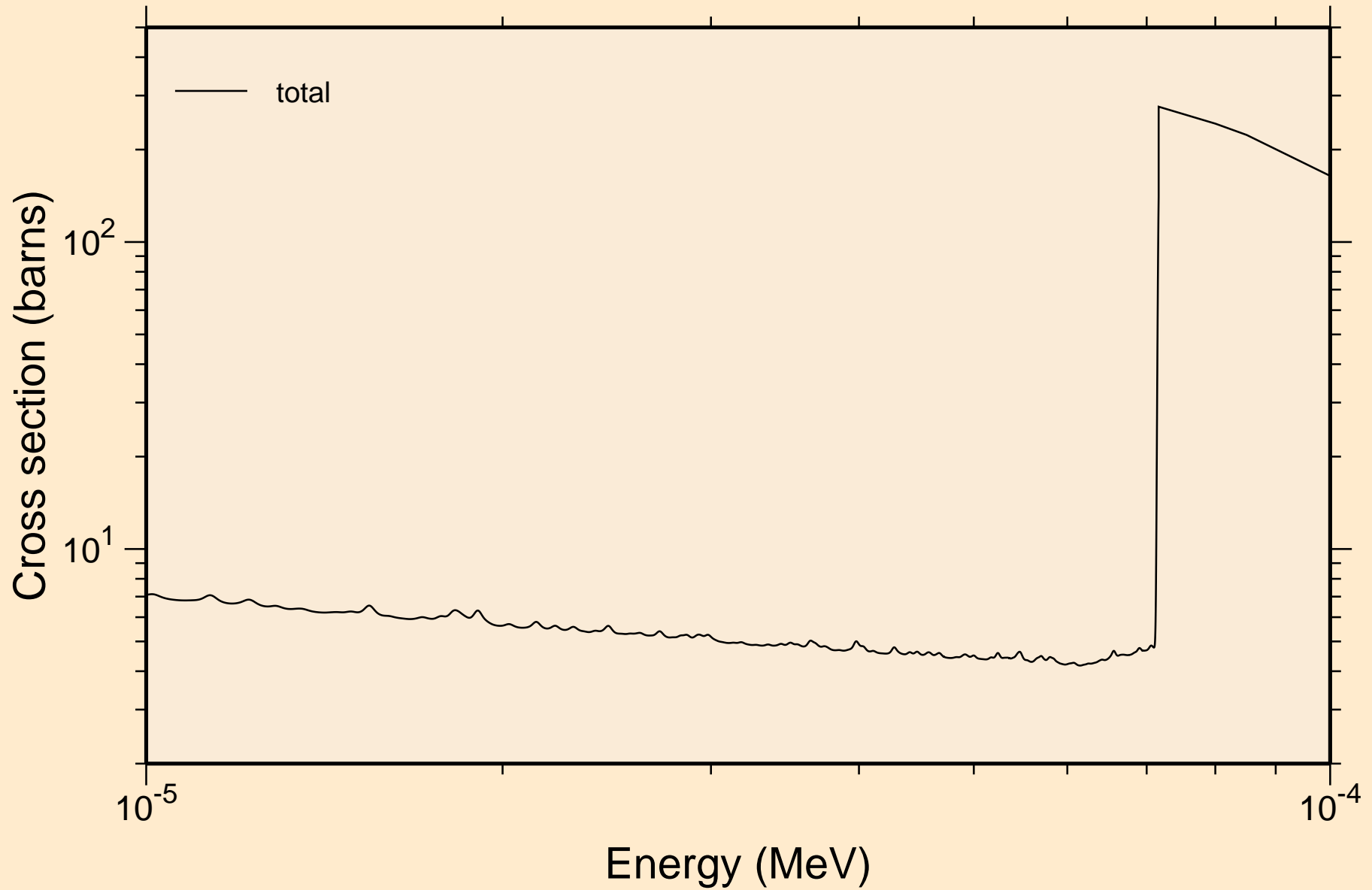
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resonance total cross section



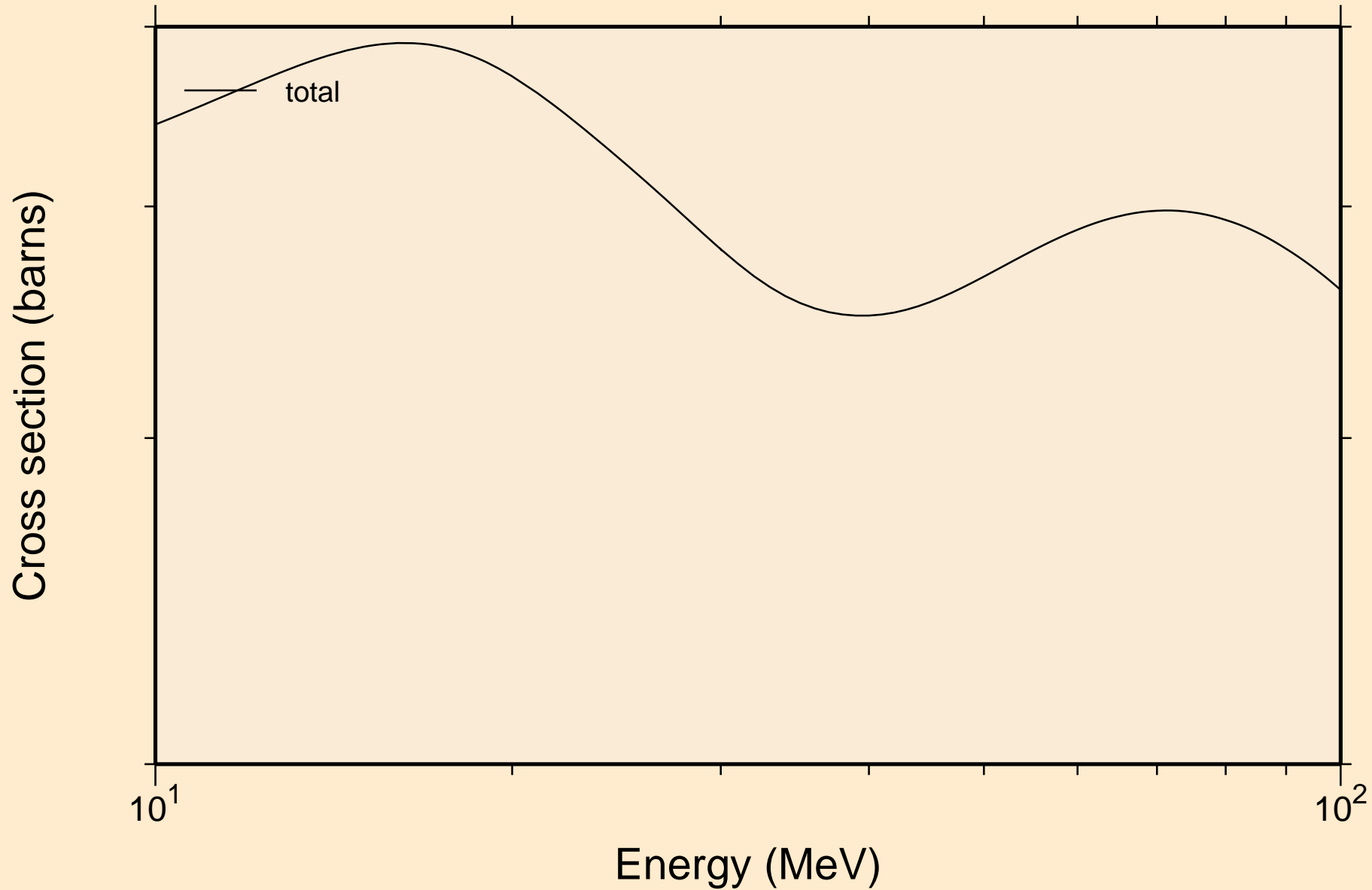
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resonance total cross section



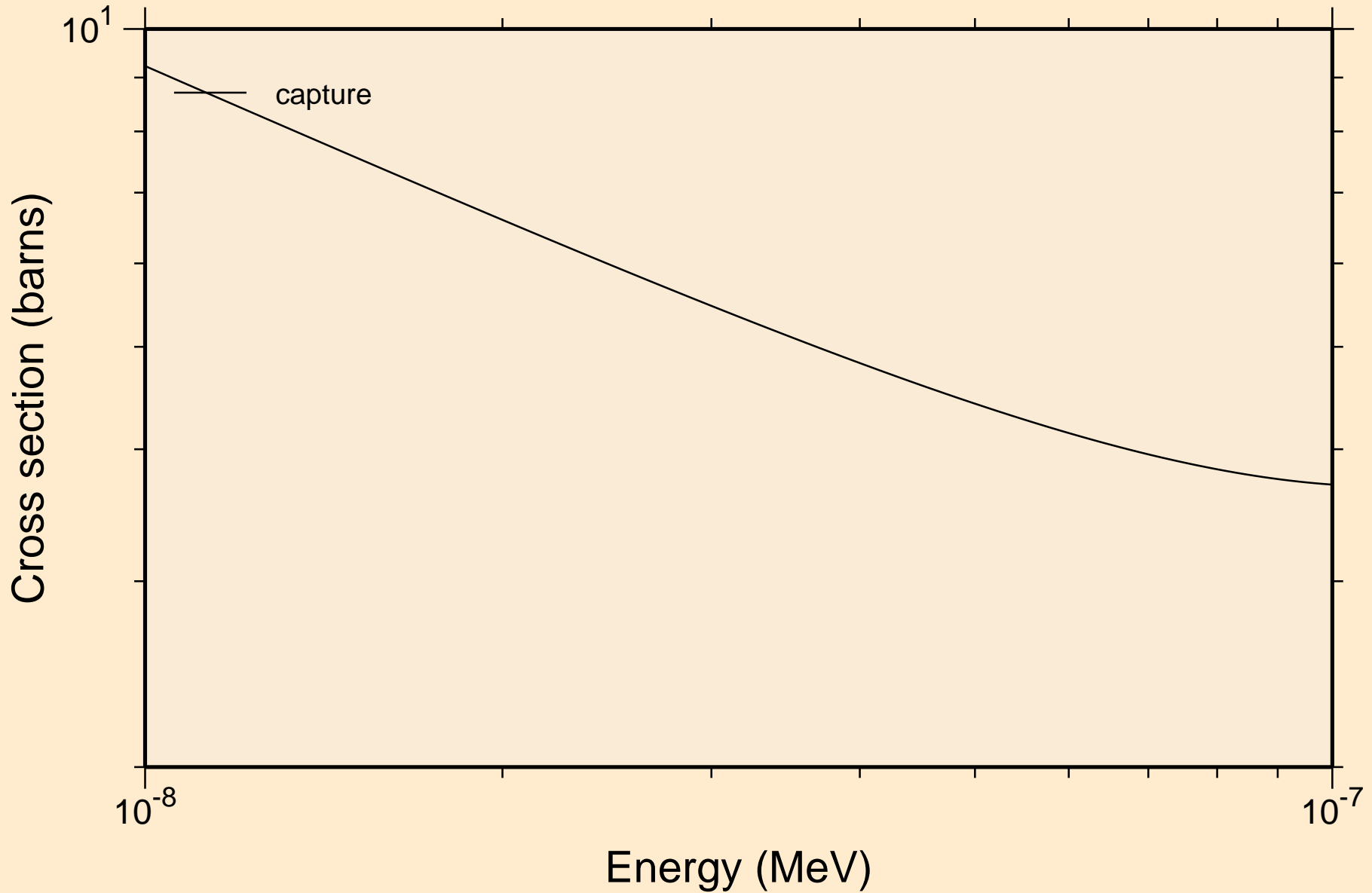
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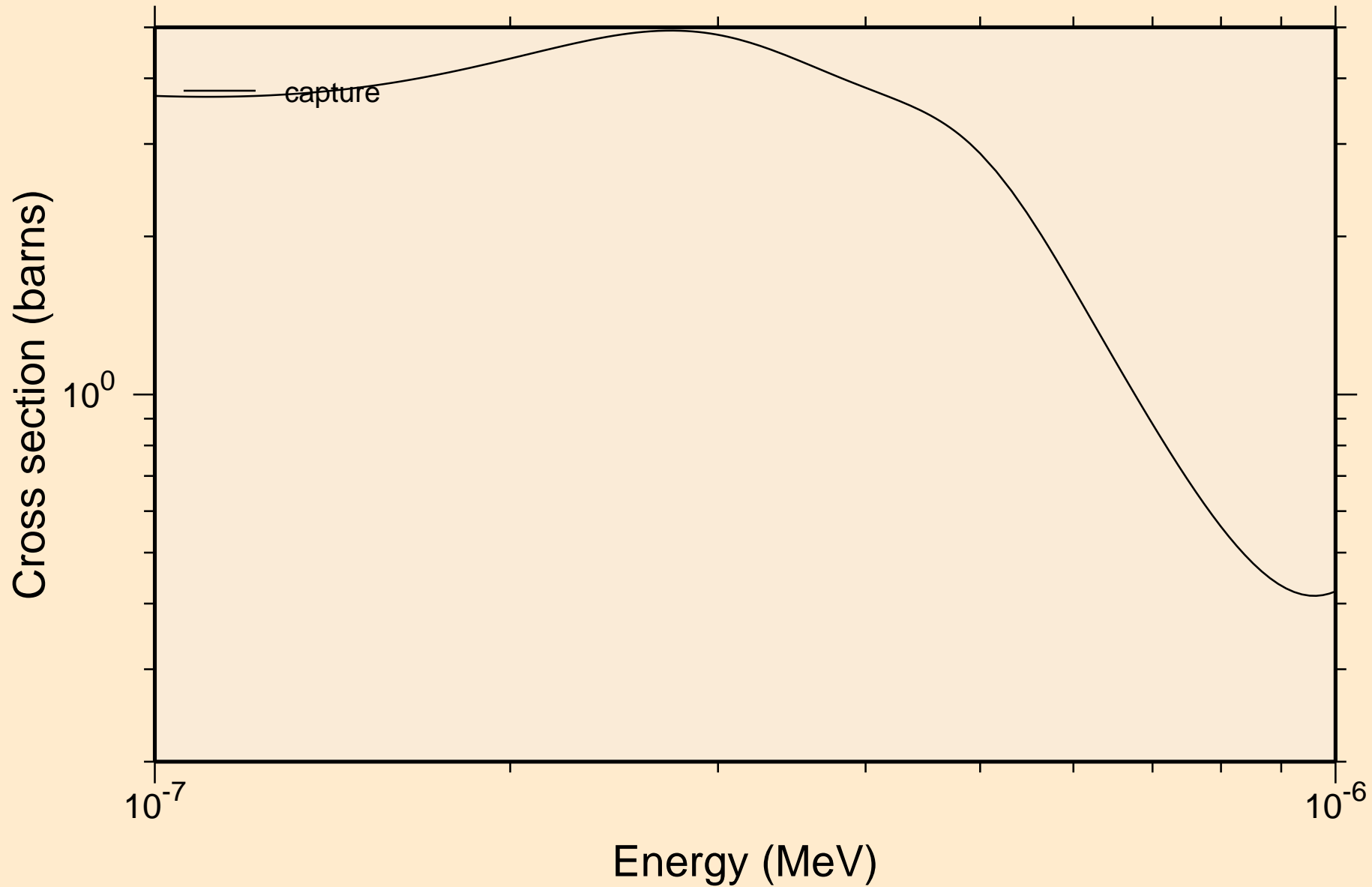
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resonance total cross section



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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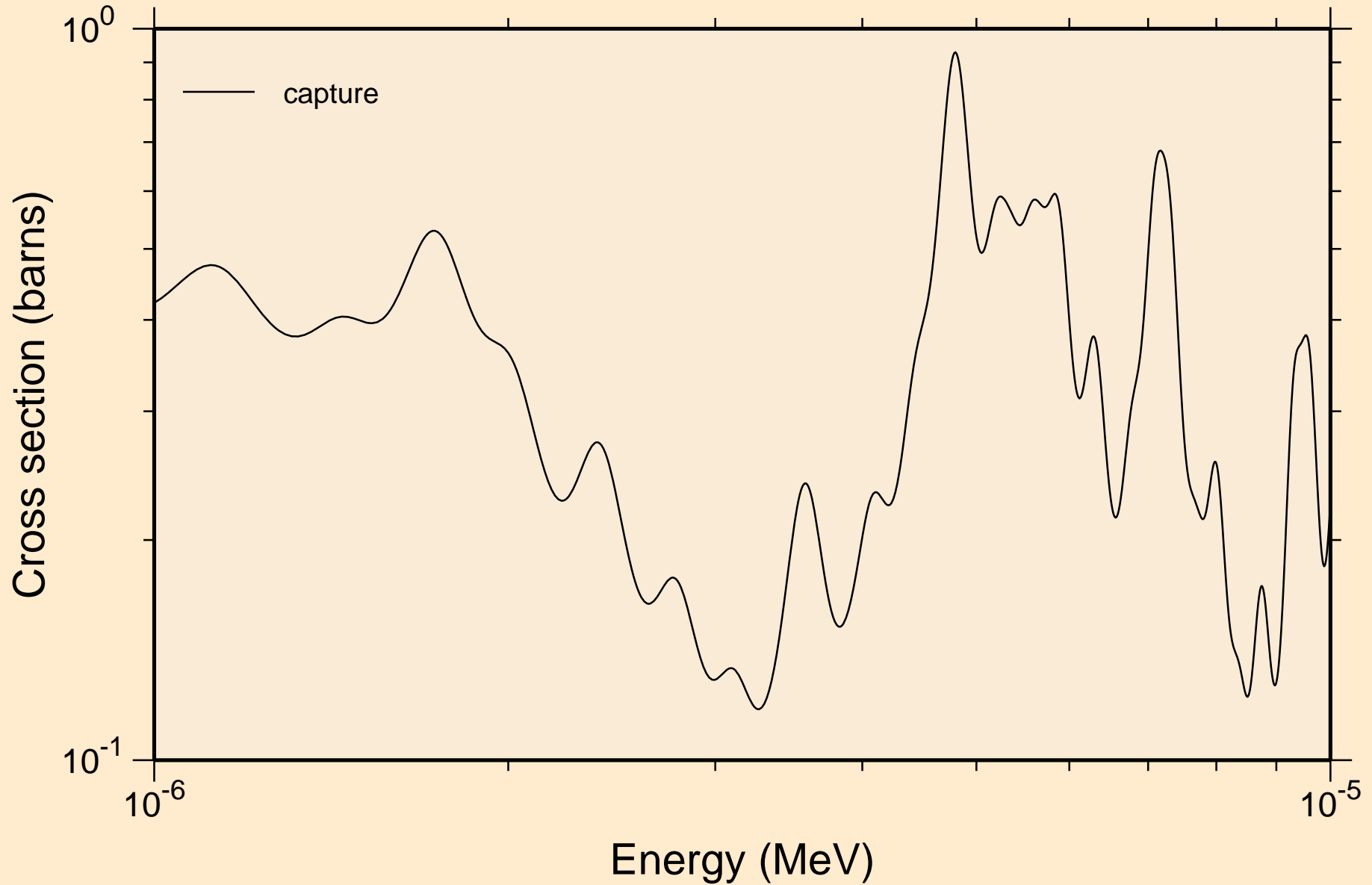


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resonance absorption cross sections

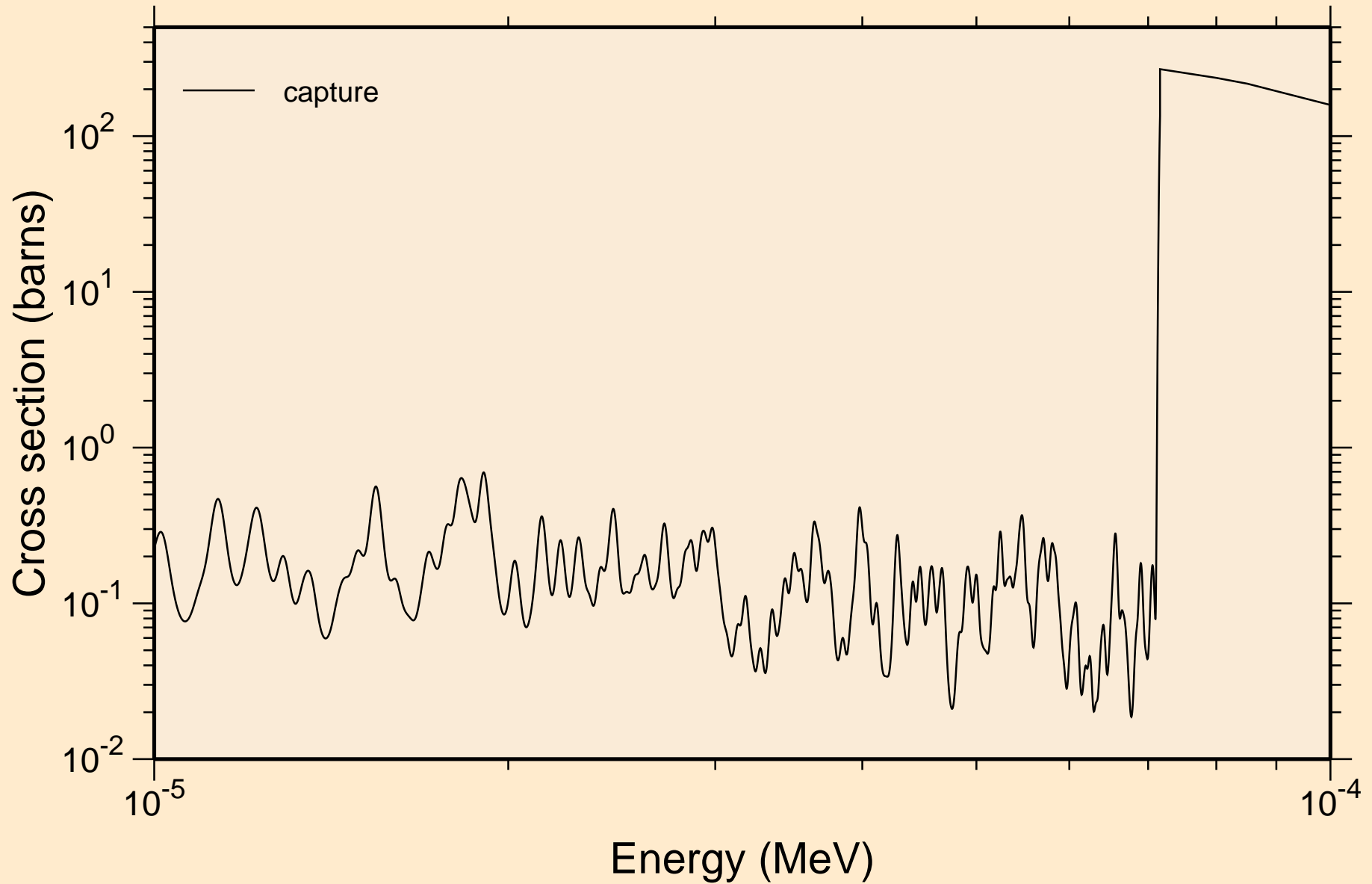




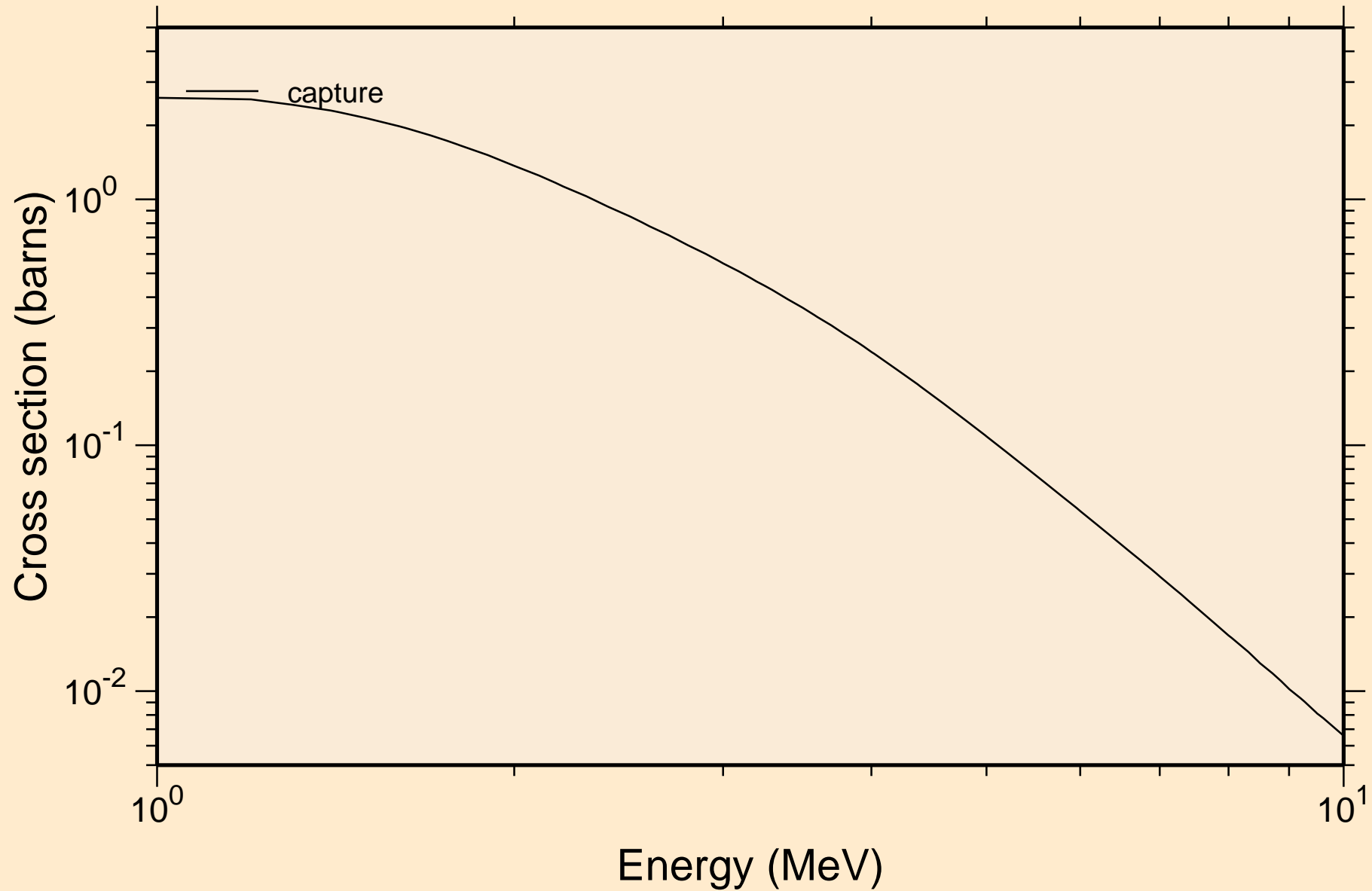
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resonance absorption cross sections



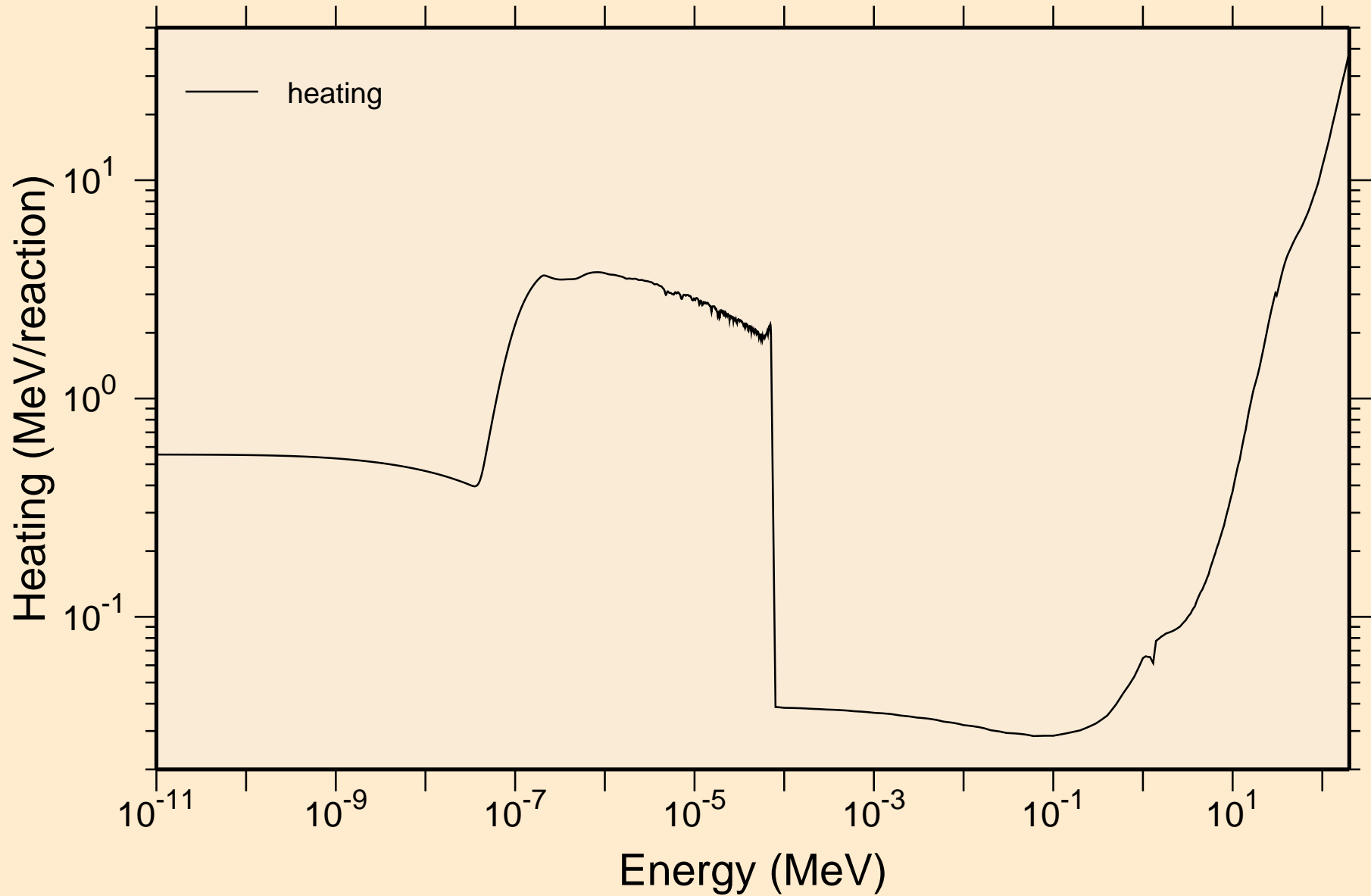
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resonance absorption cross sections



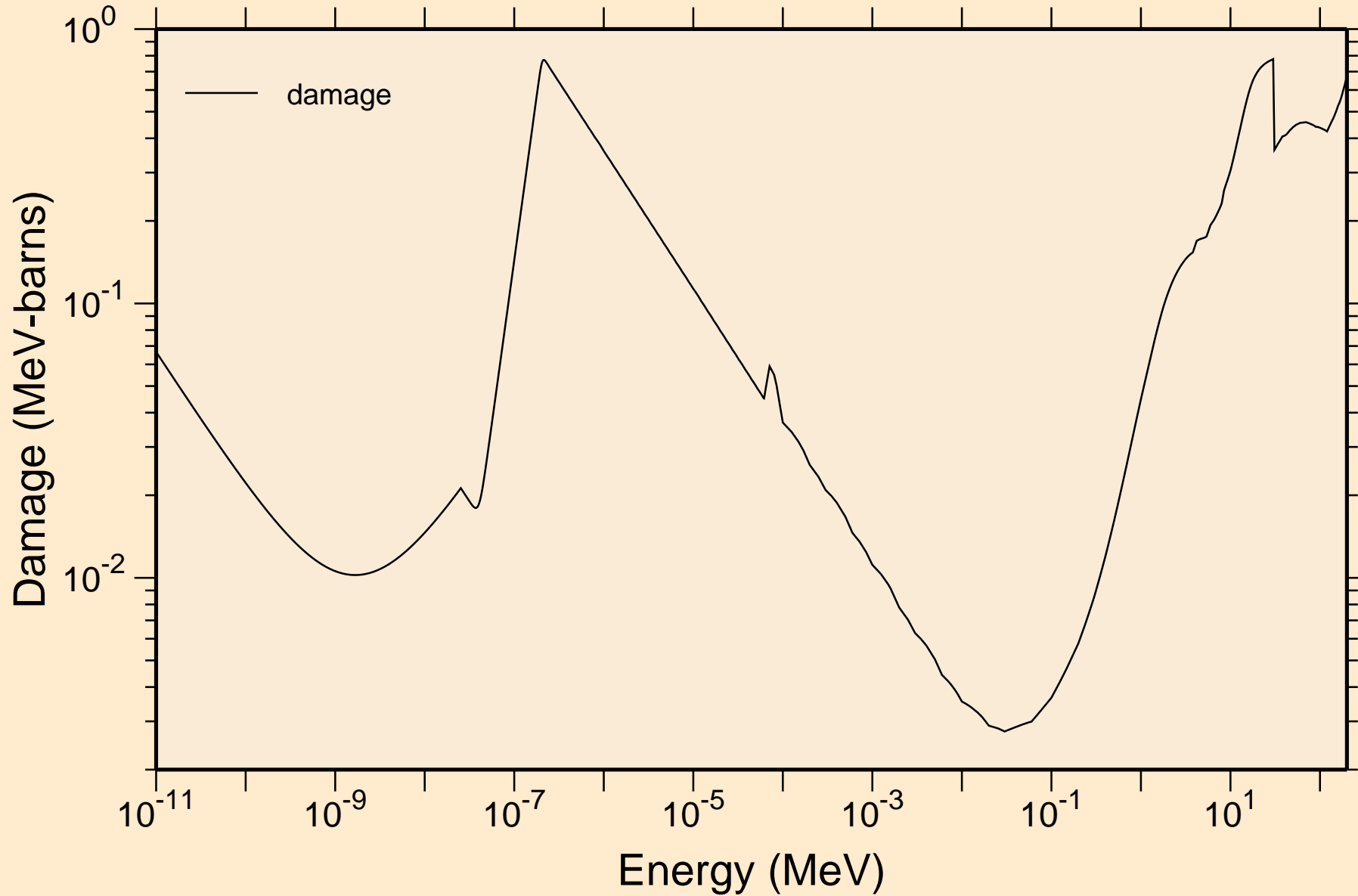
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resonance absorption cross sections



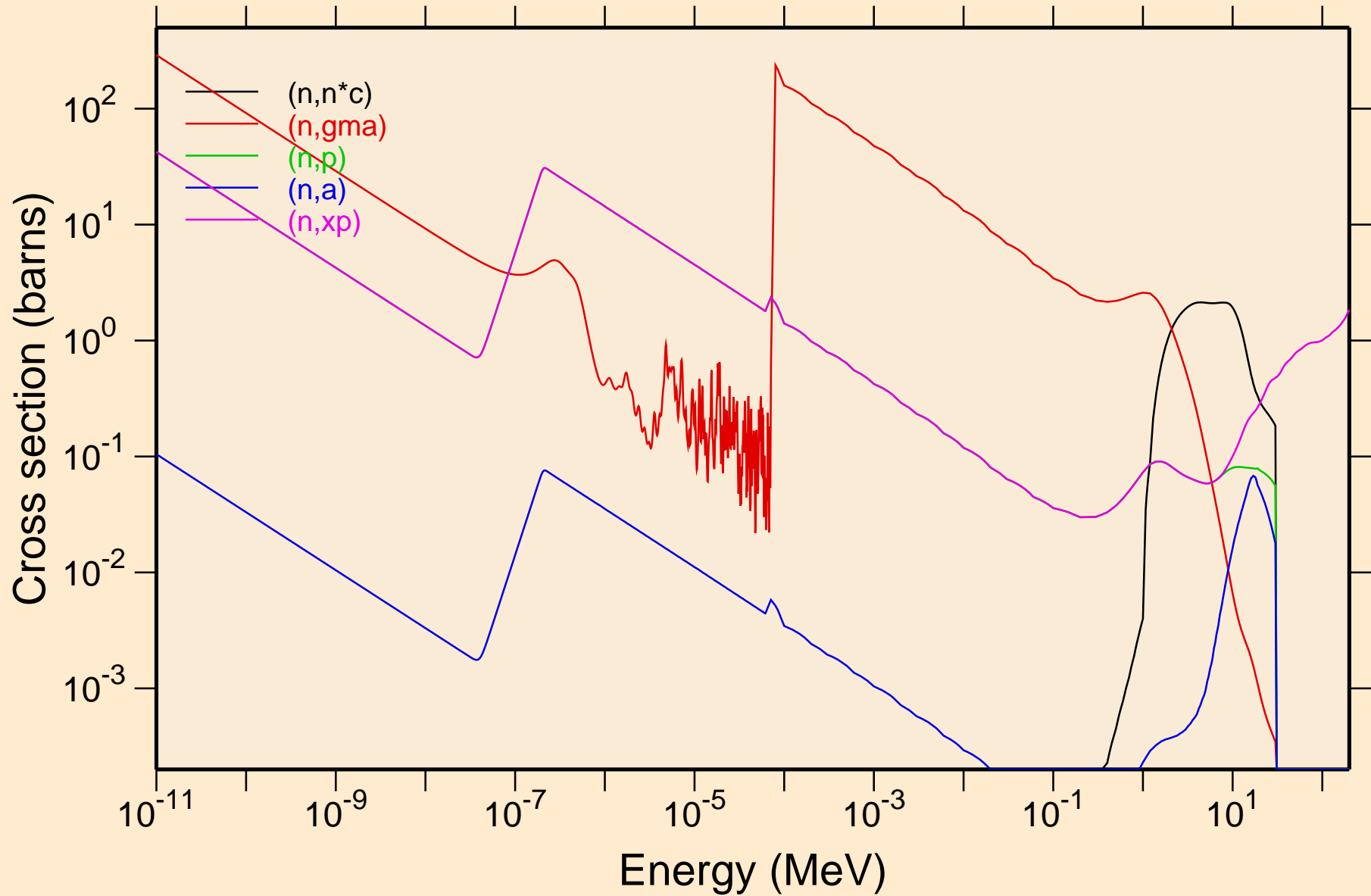
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Heating



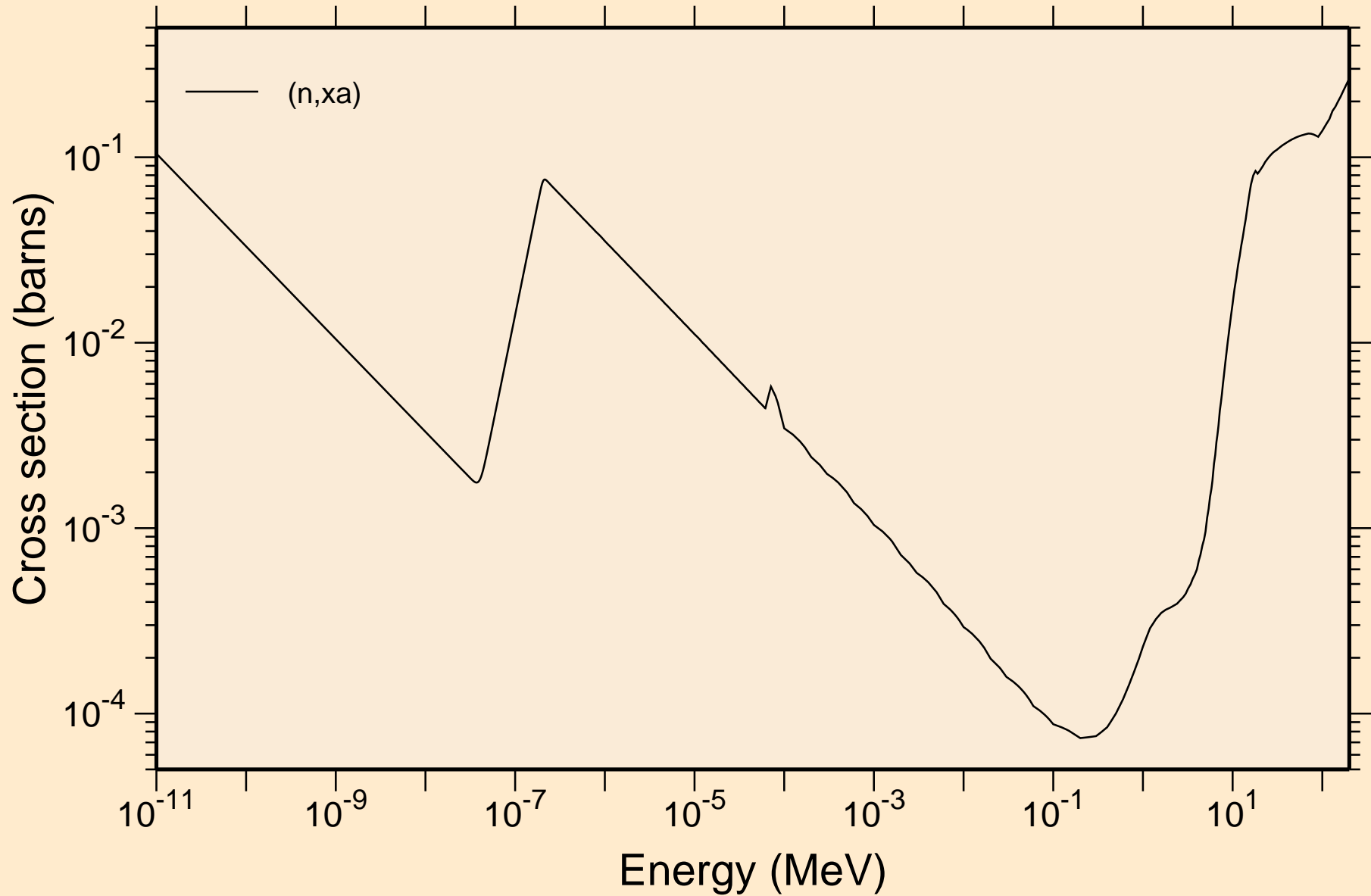
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Damage



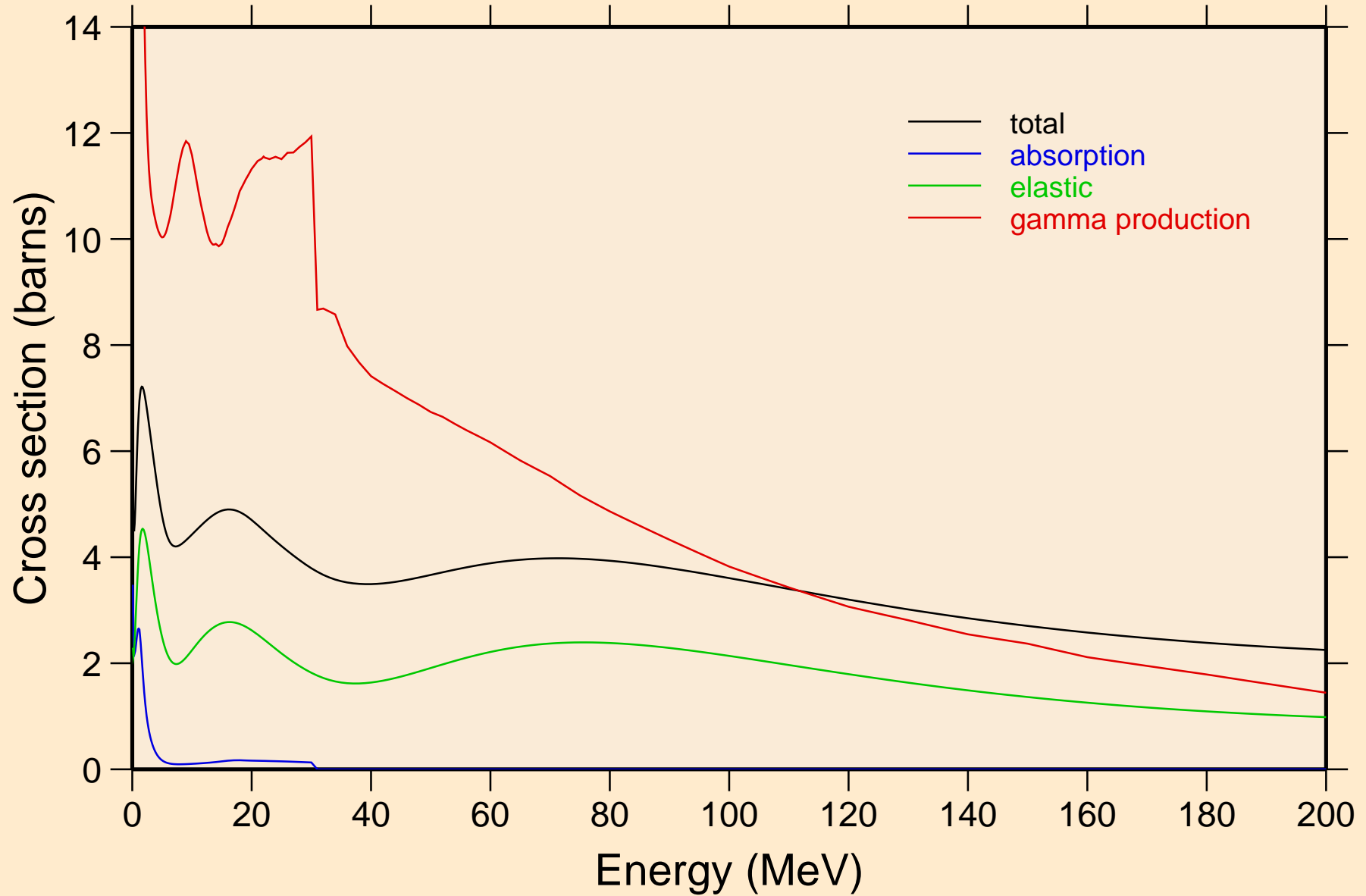
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



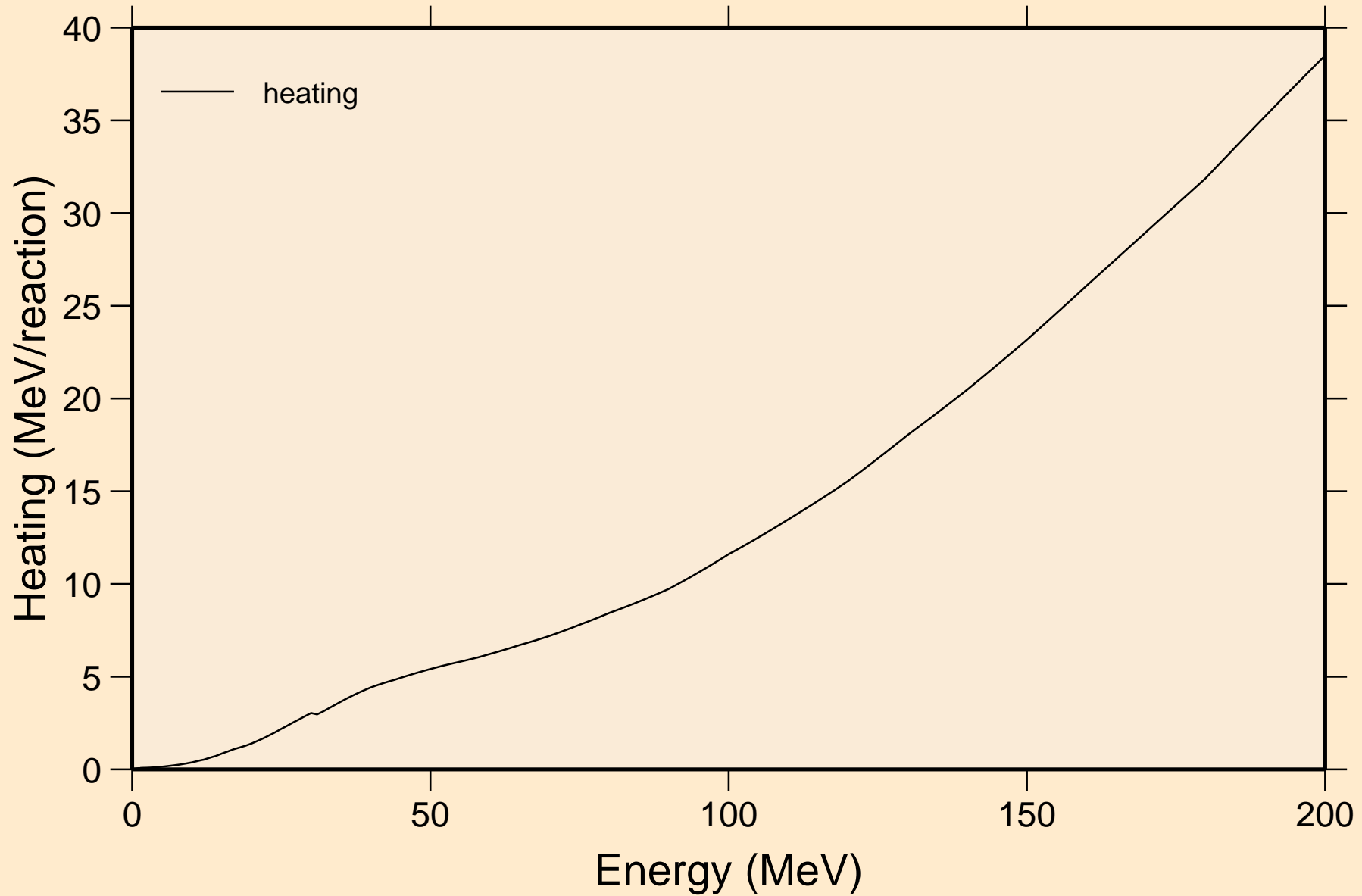
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Principal cross sections



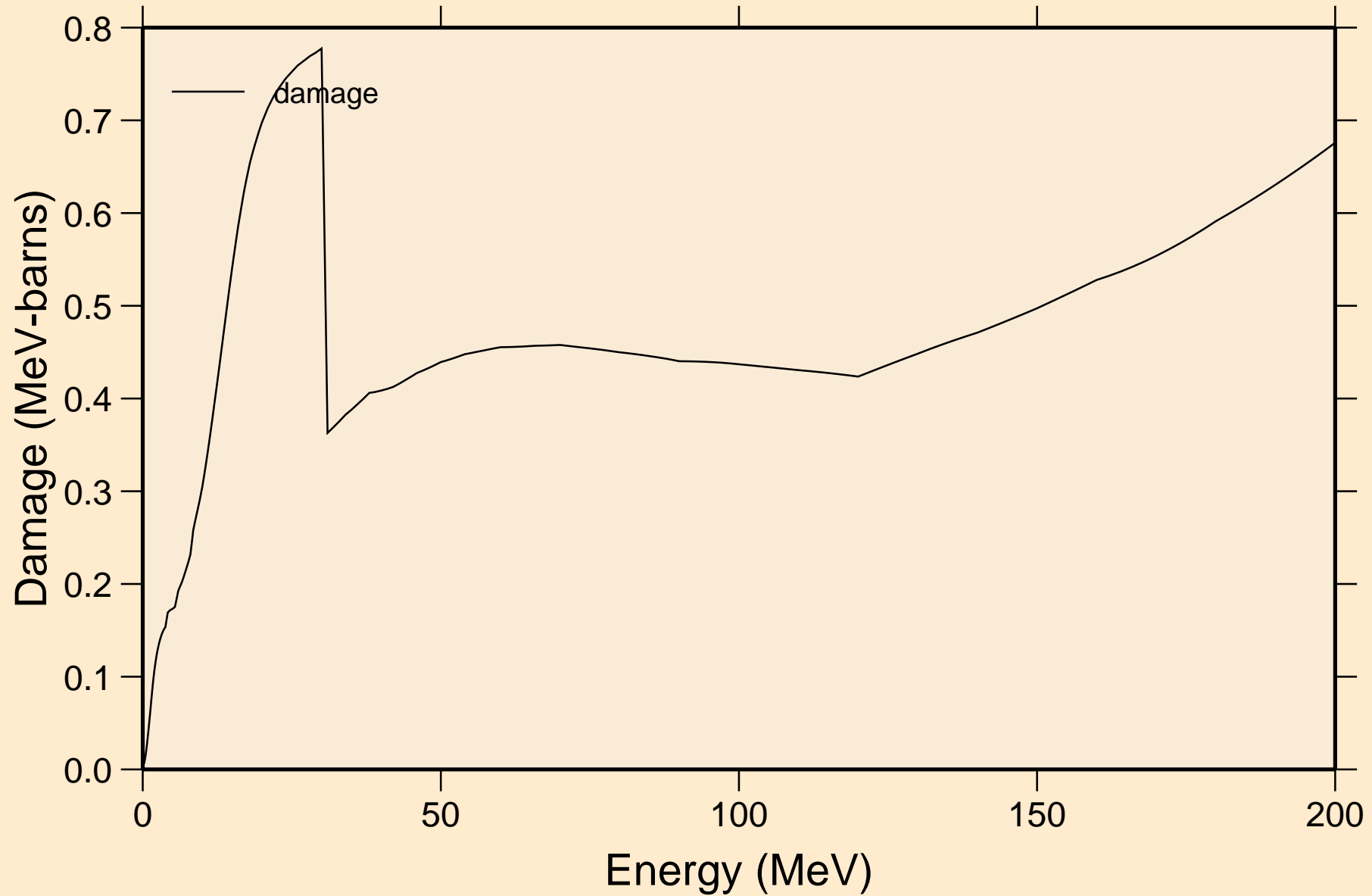


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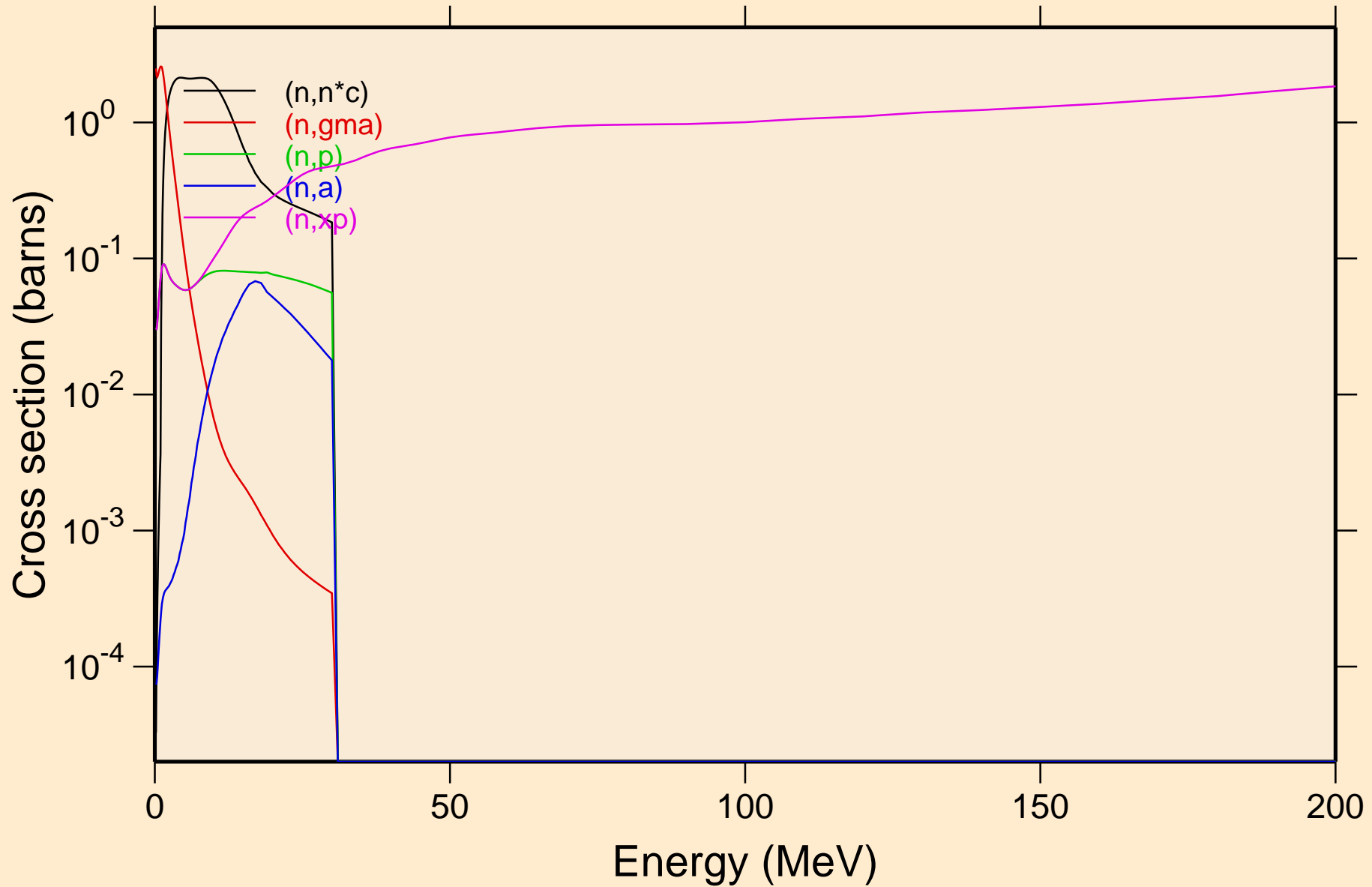
Heating



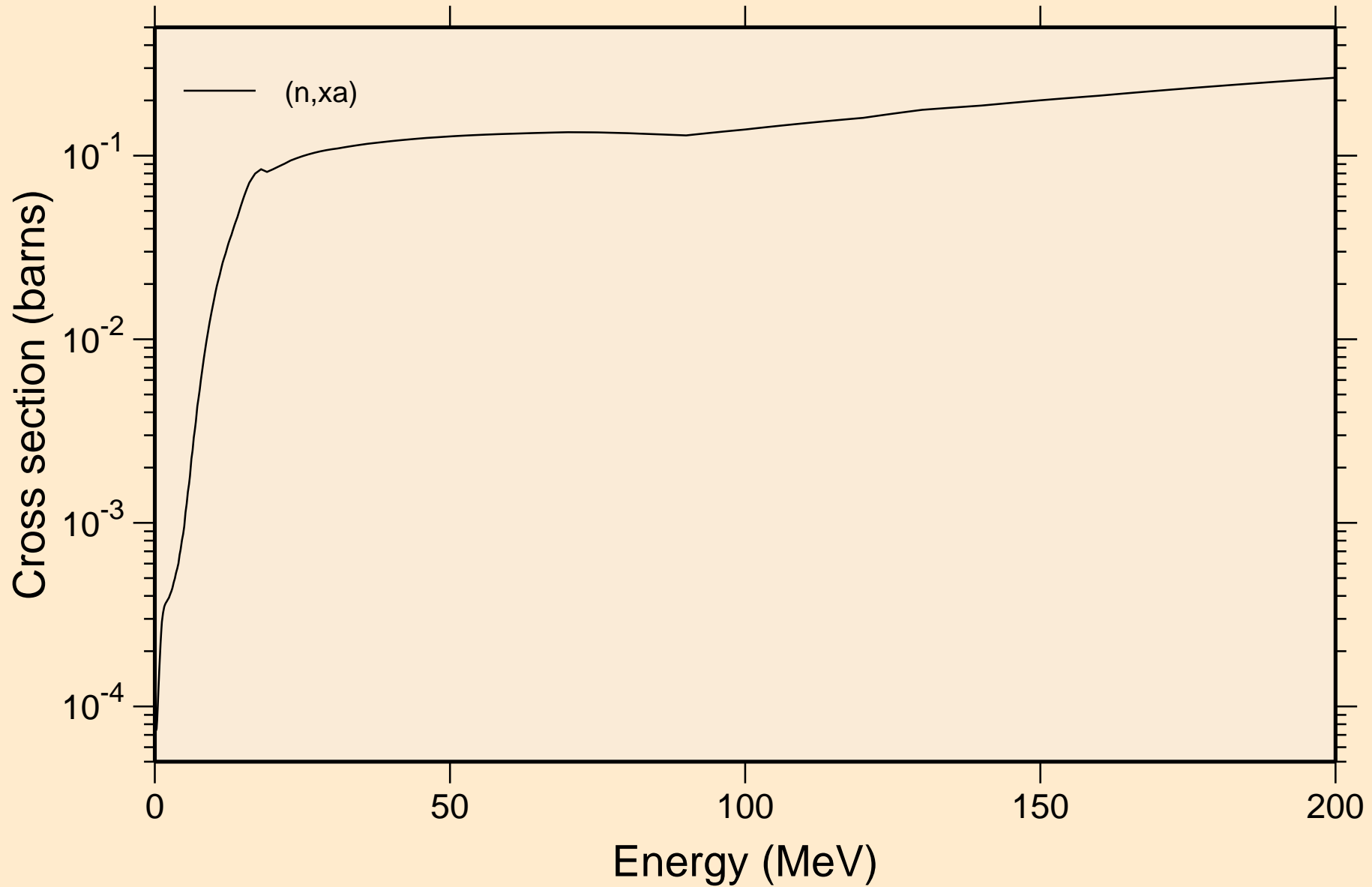
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Damage



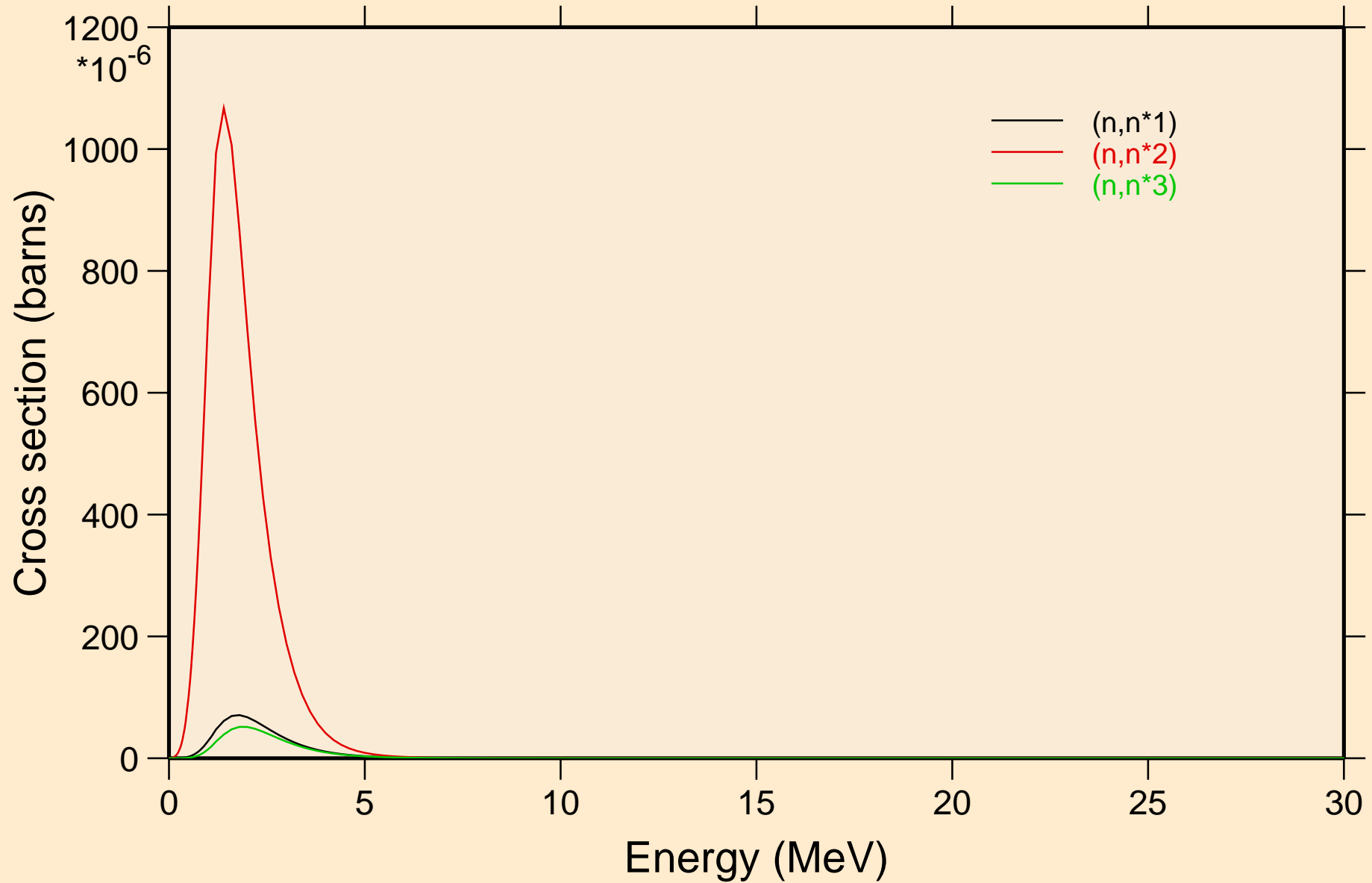
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Non-threshold reactions



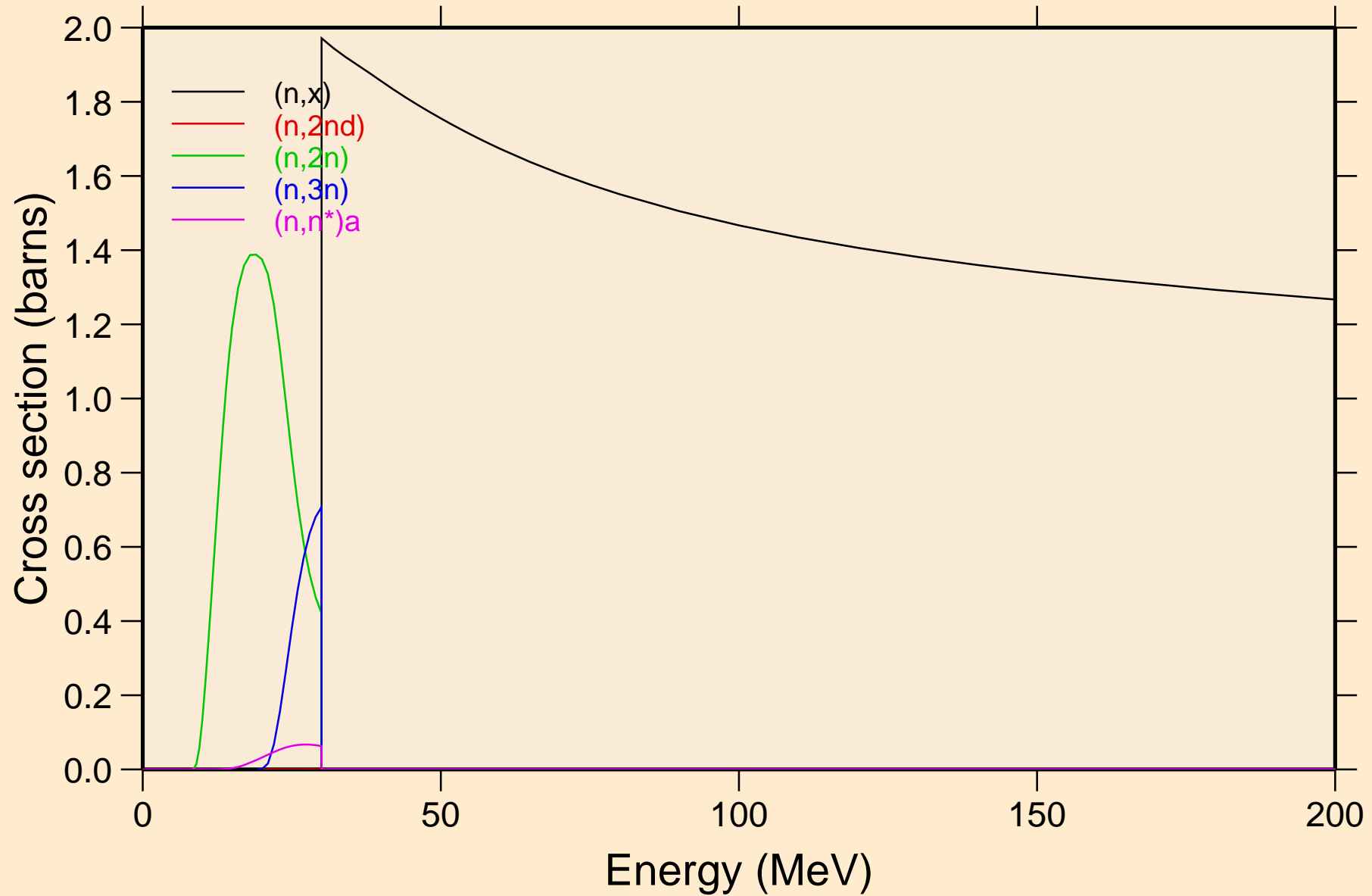
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Non-threshold reactions



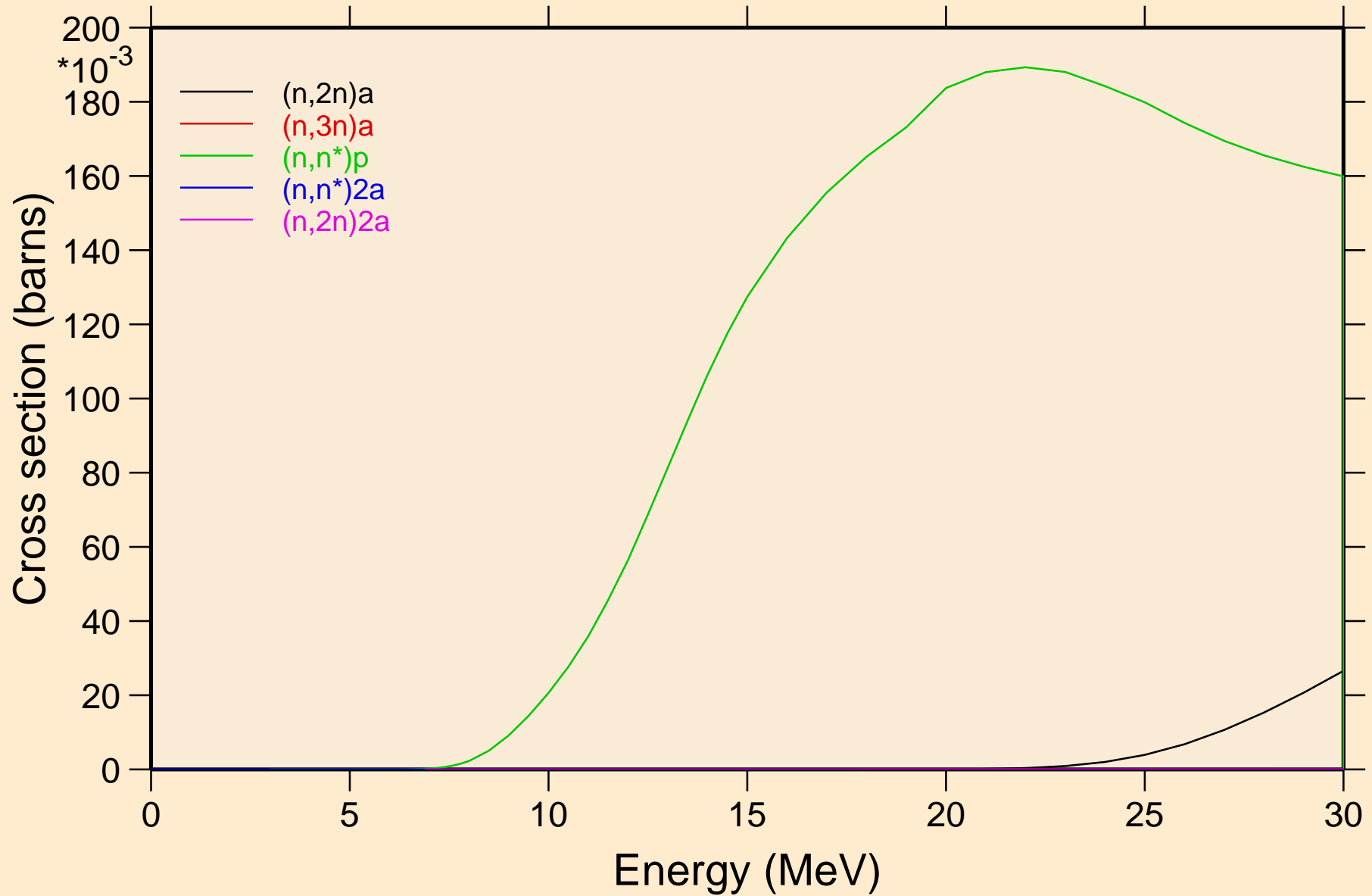
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Inelastic levels



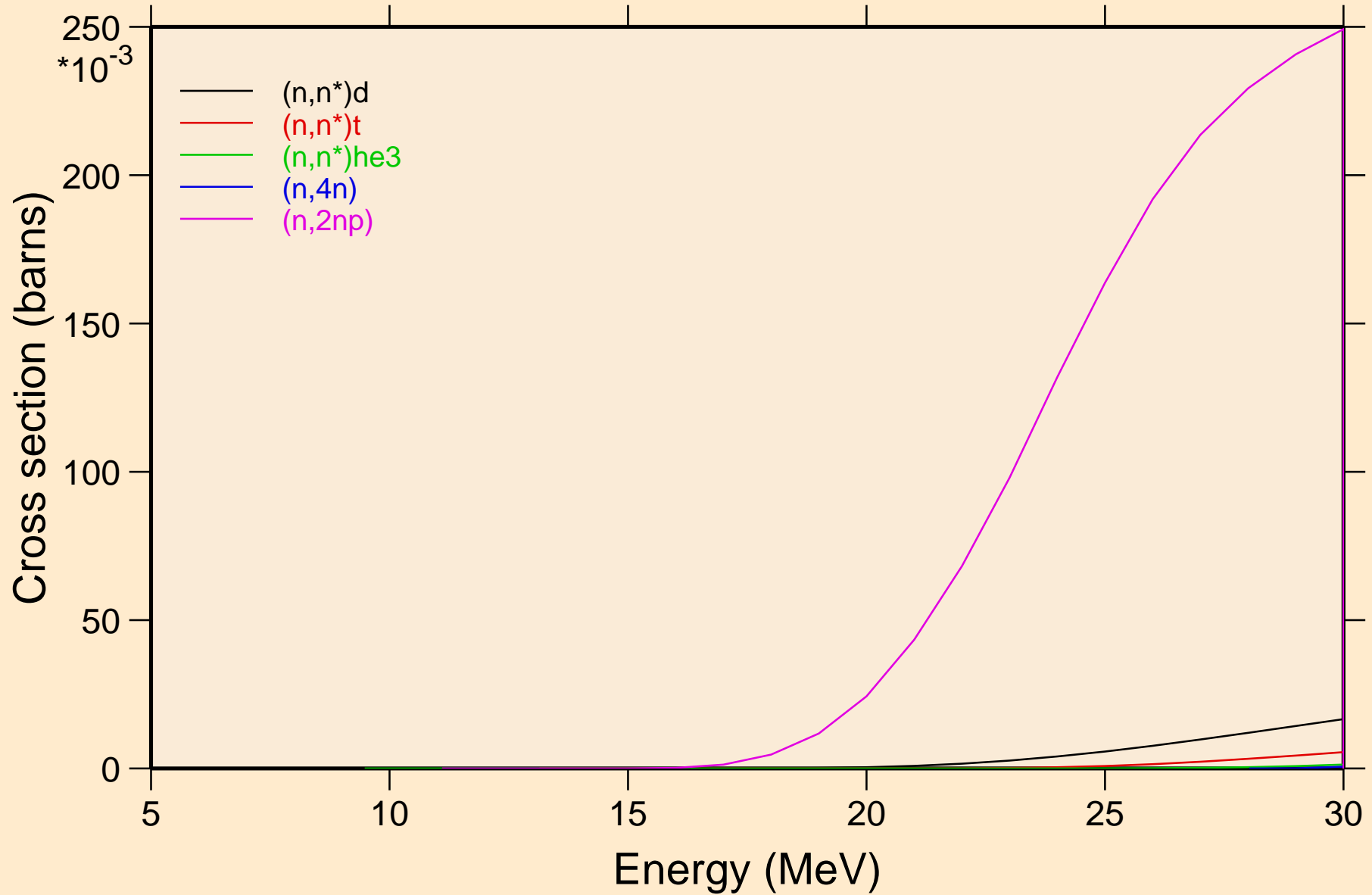
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

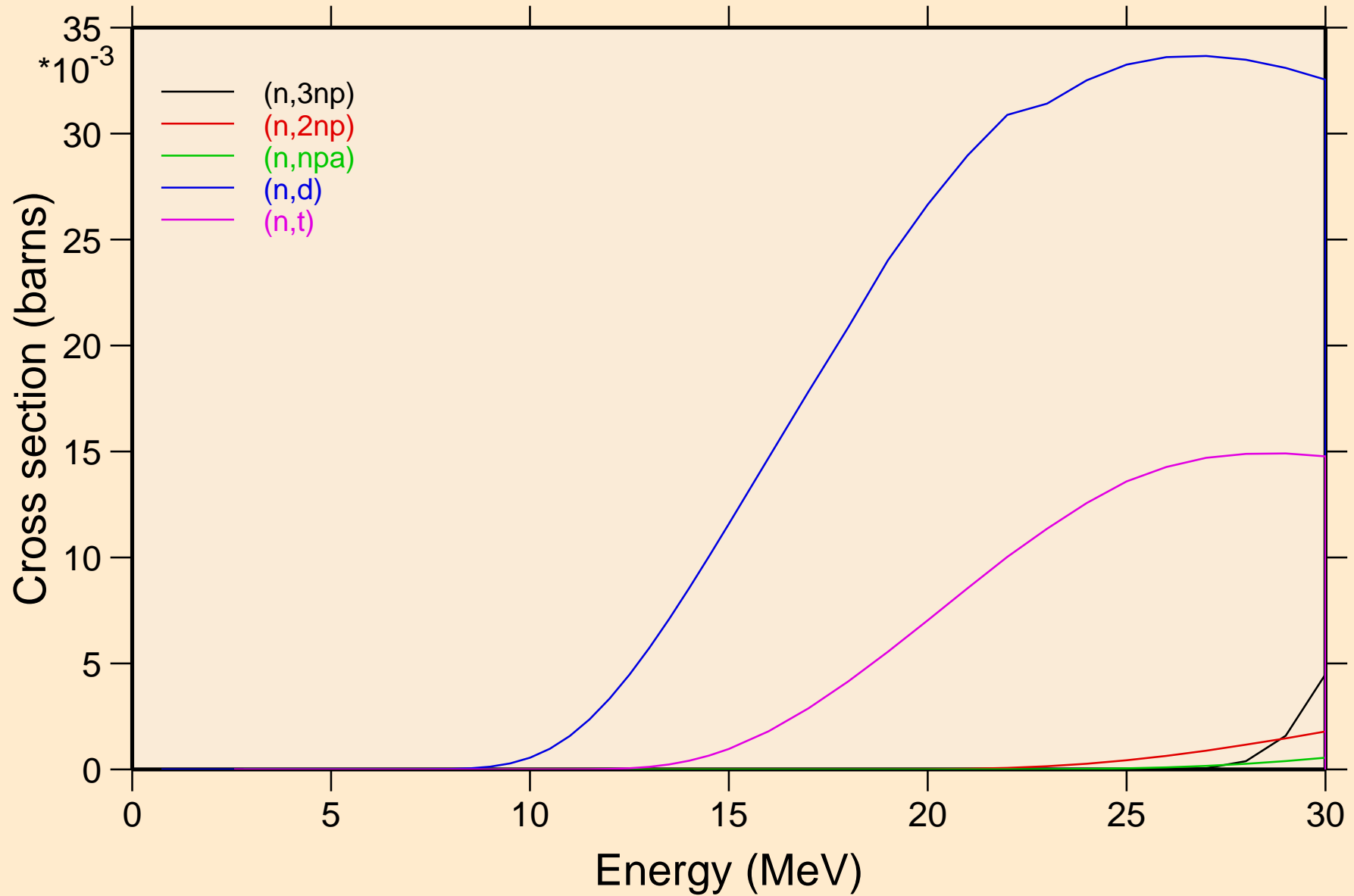


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Threshold reactions

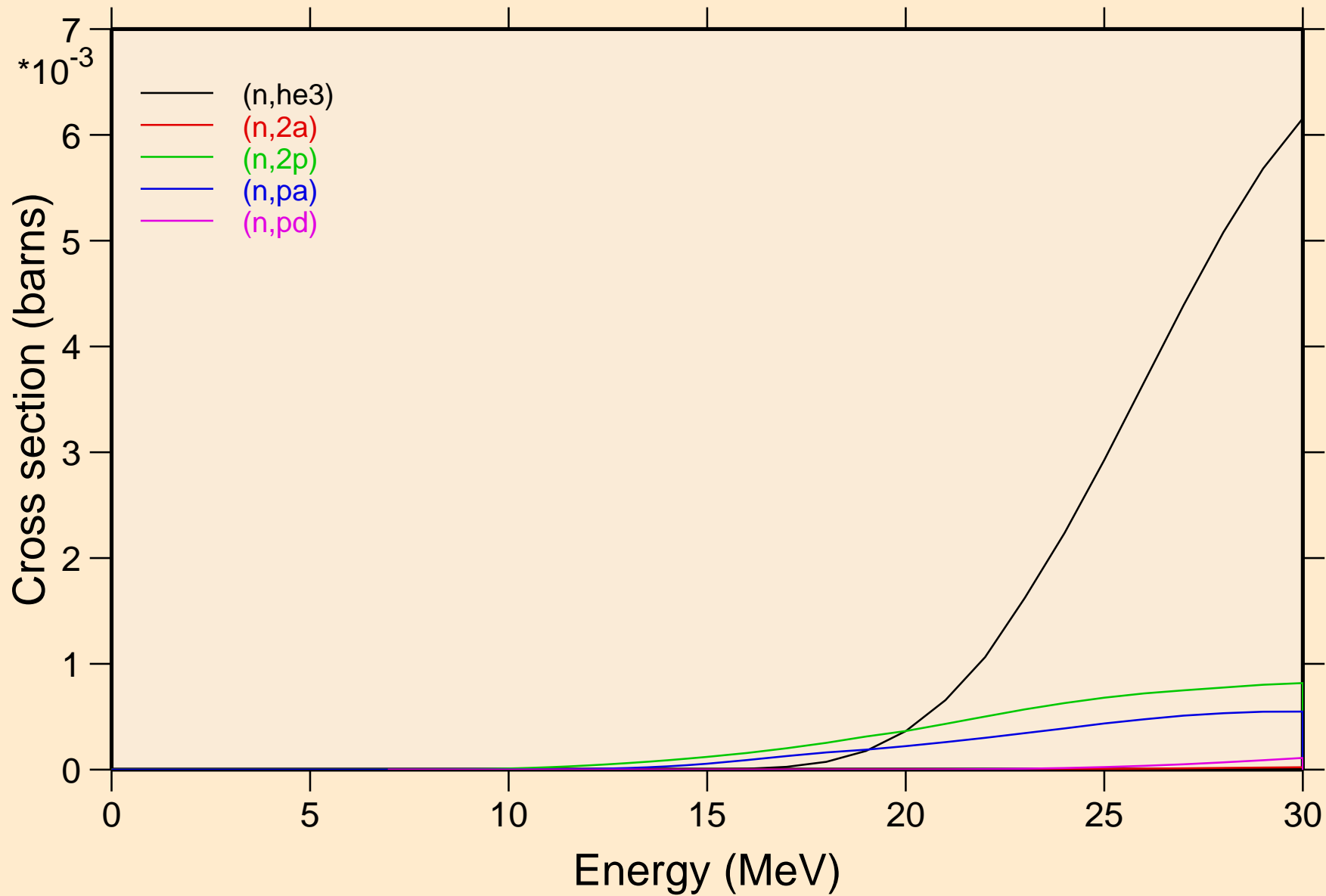




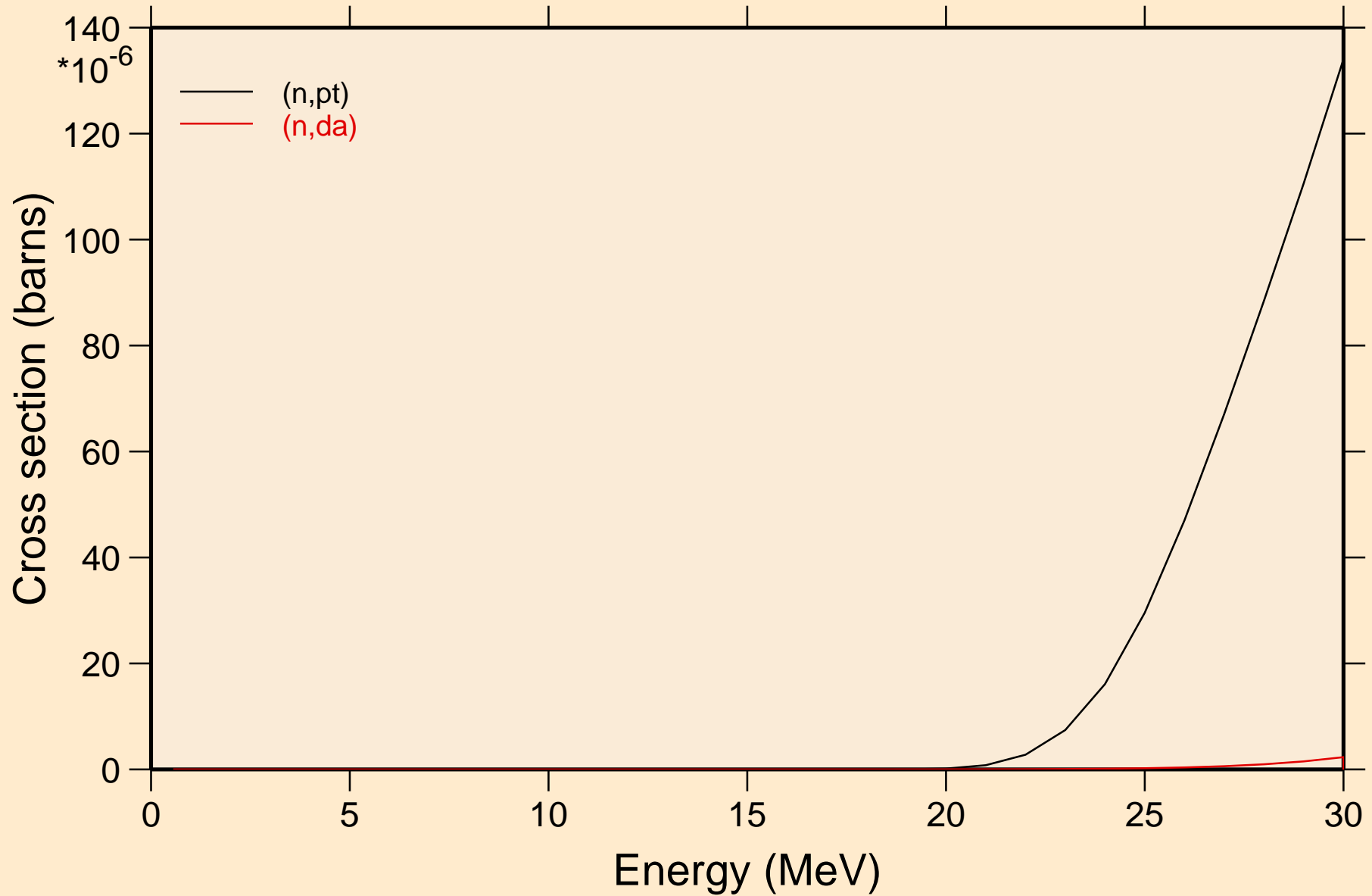
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Threshold reactions



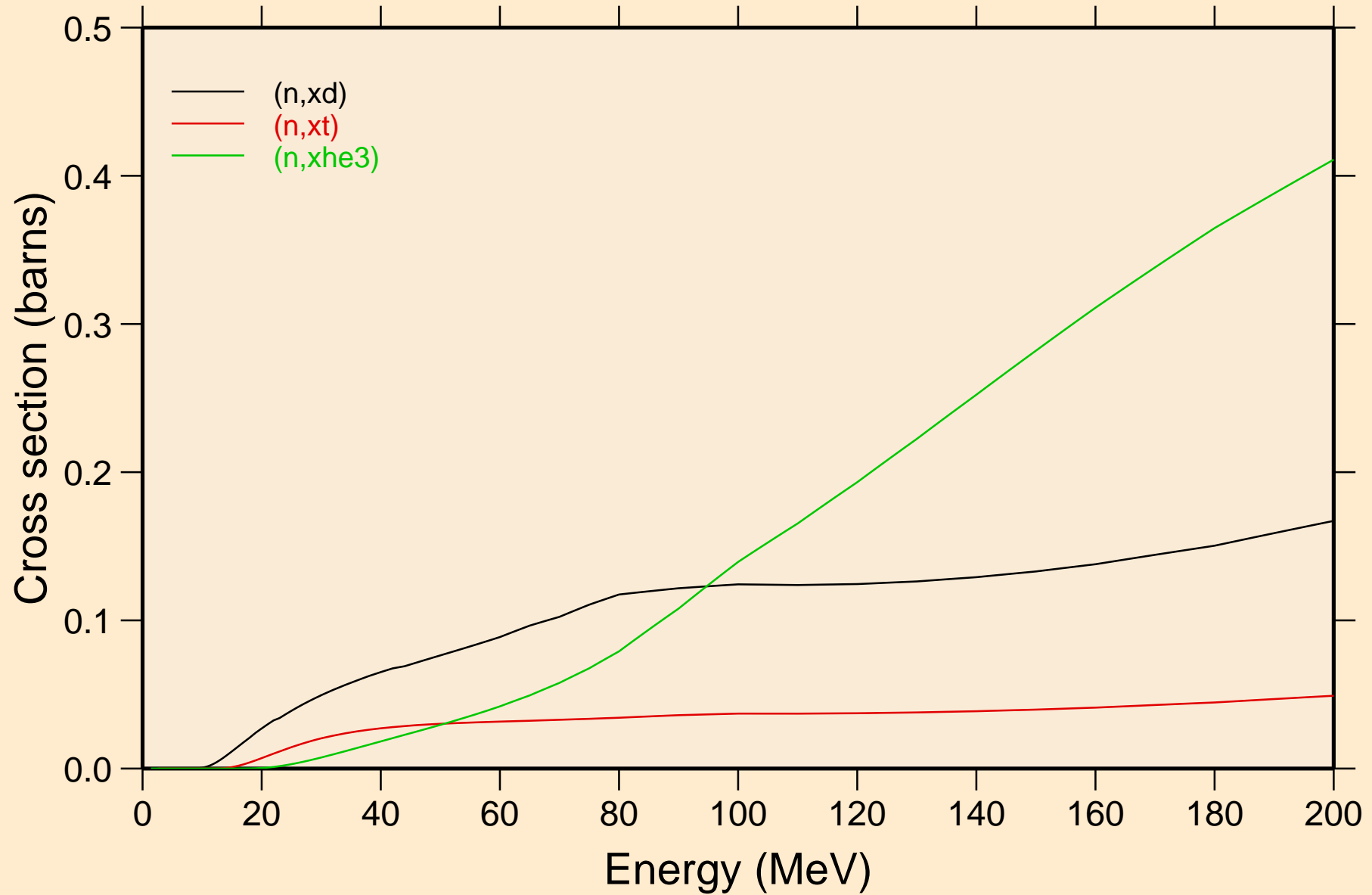
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Threshold reactions



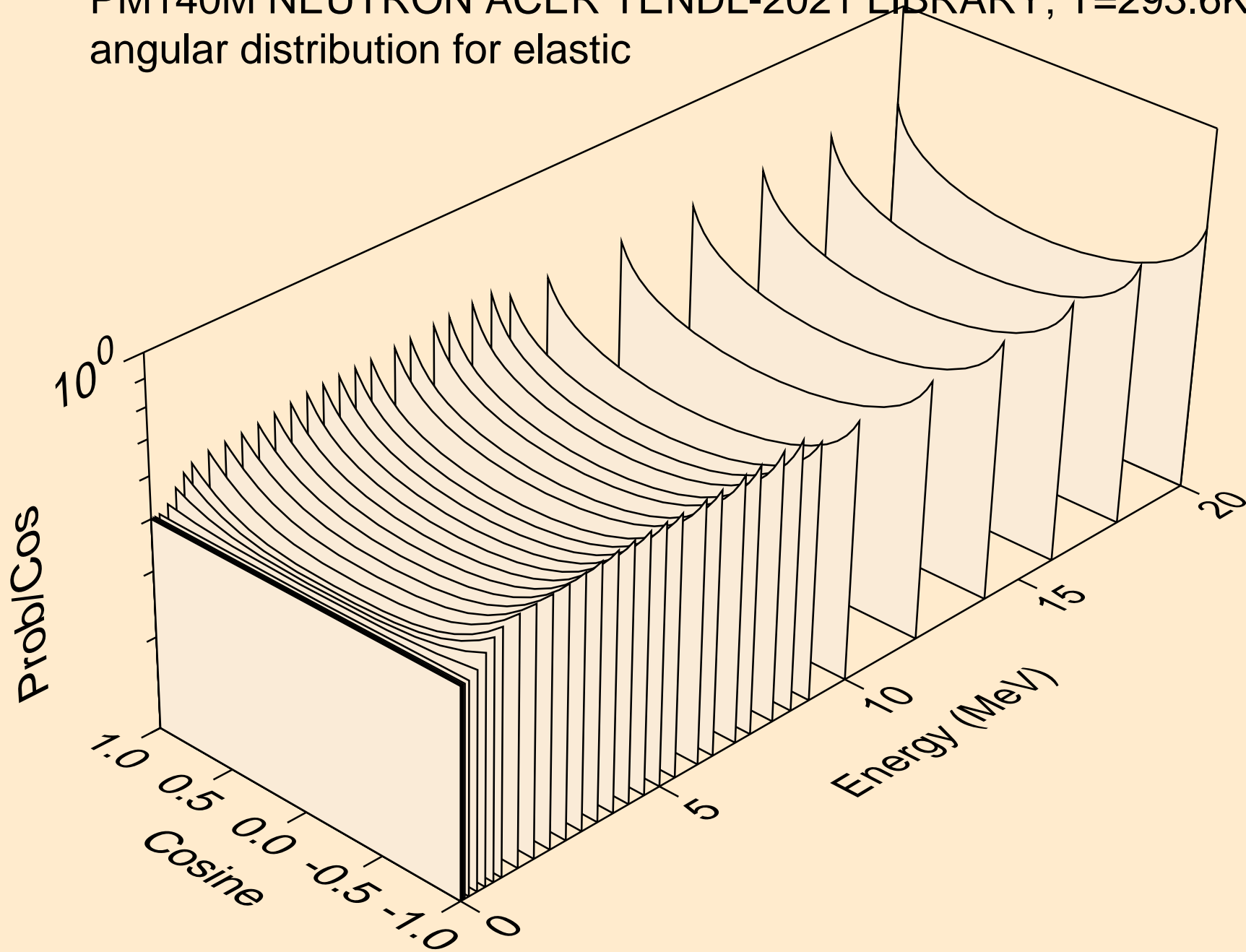
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Threshold reactions



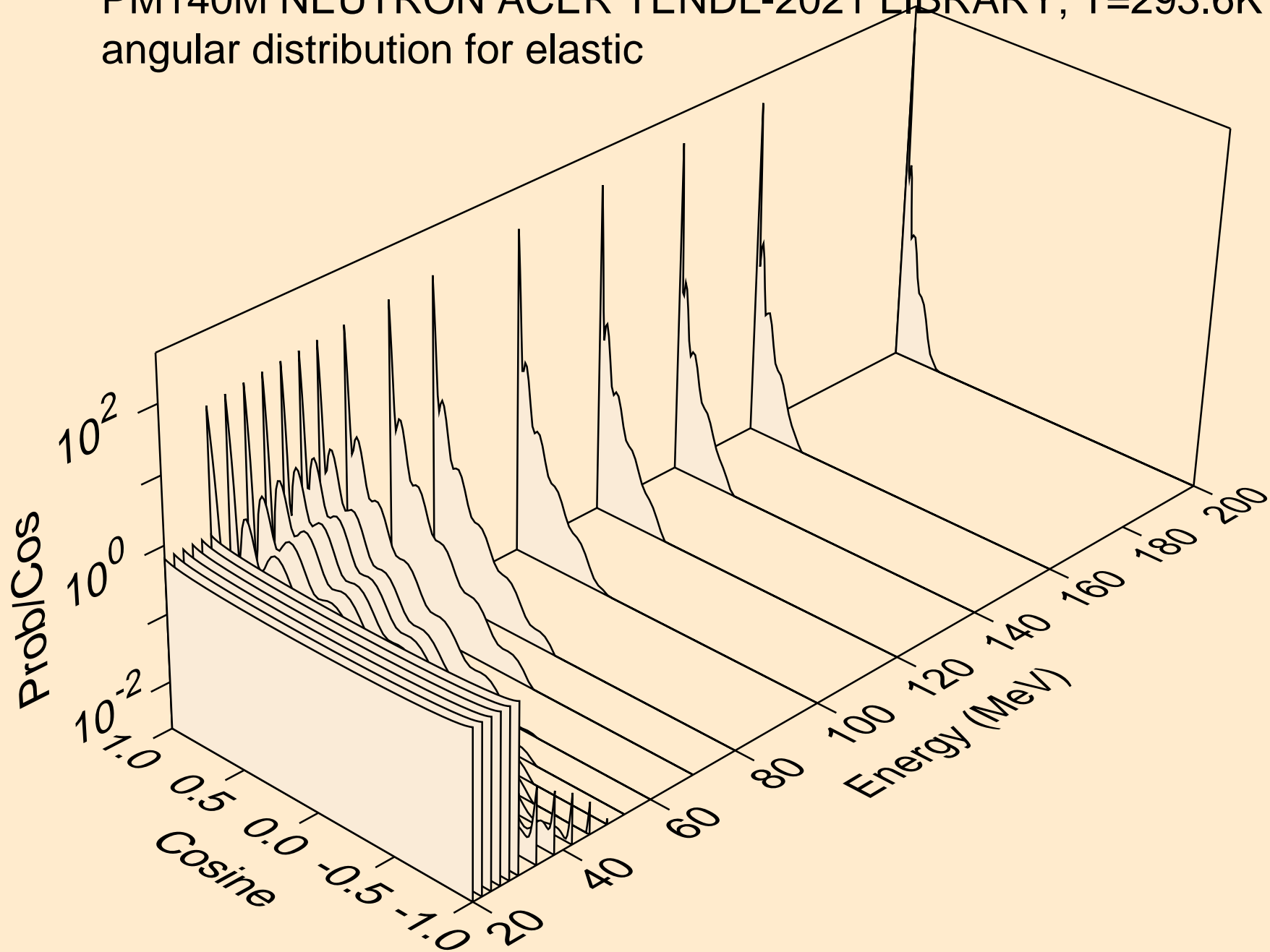
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Threshold reactions



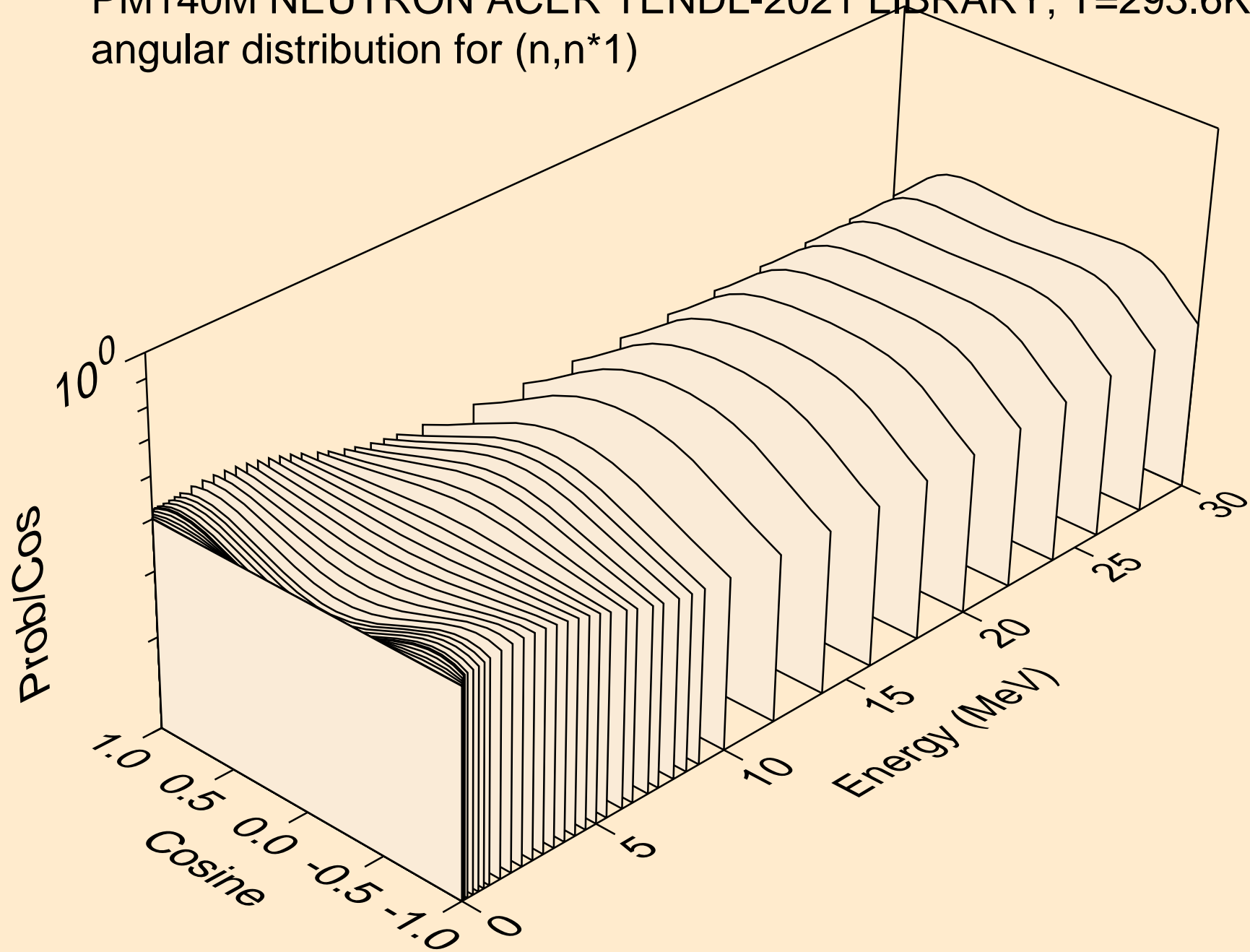
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



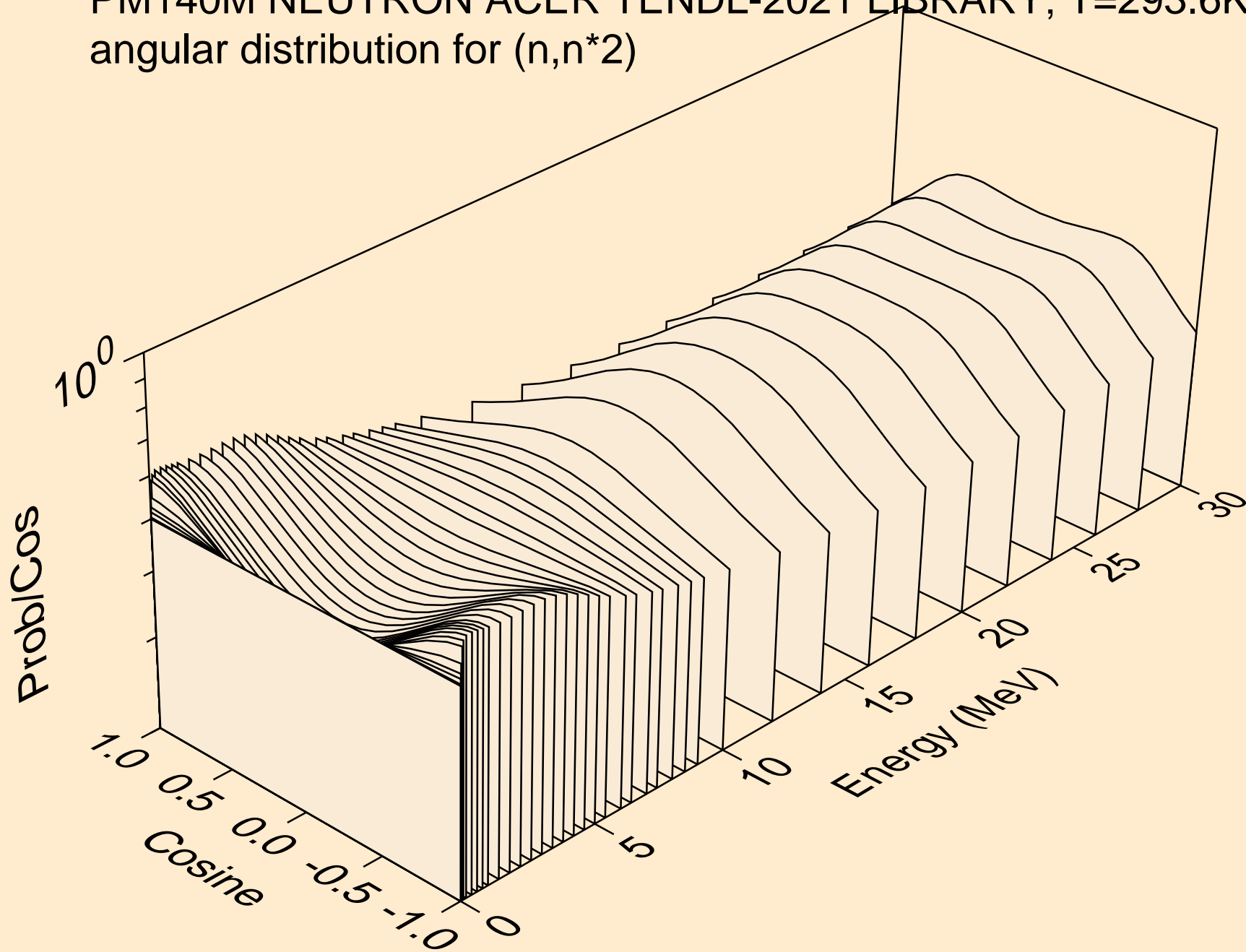
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

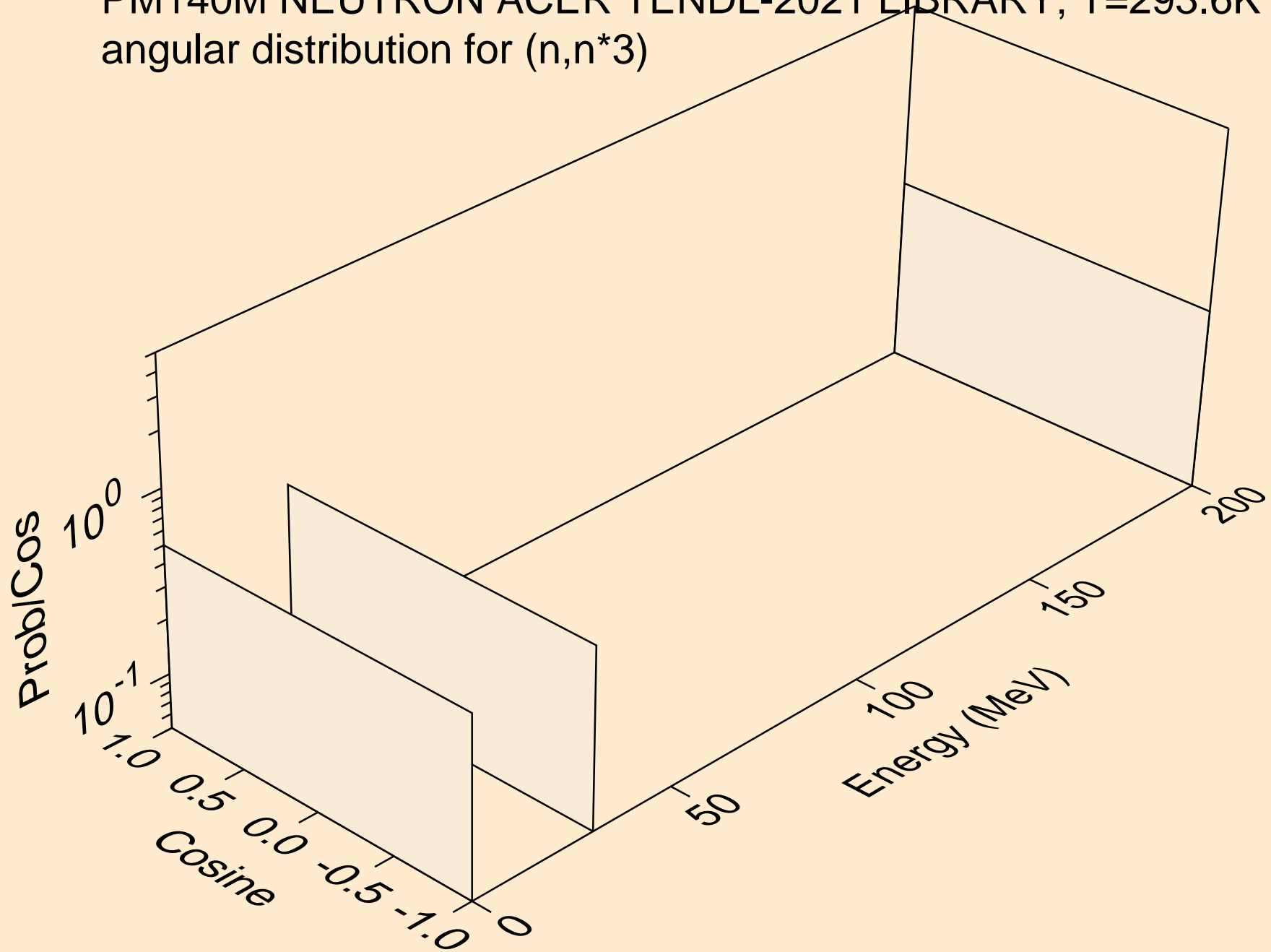


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angular distribution for (n,n\*2)

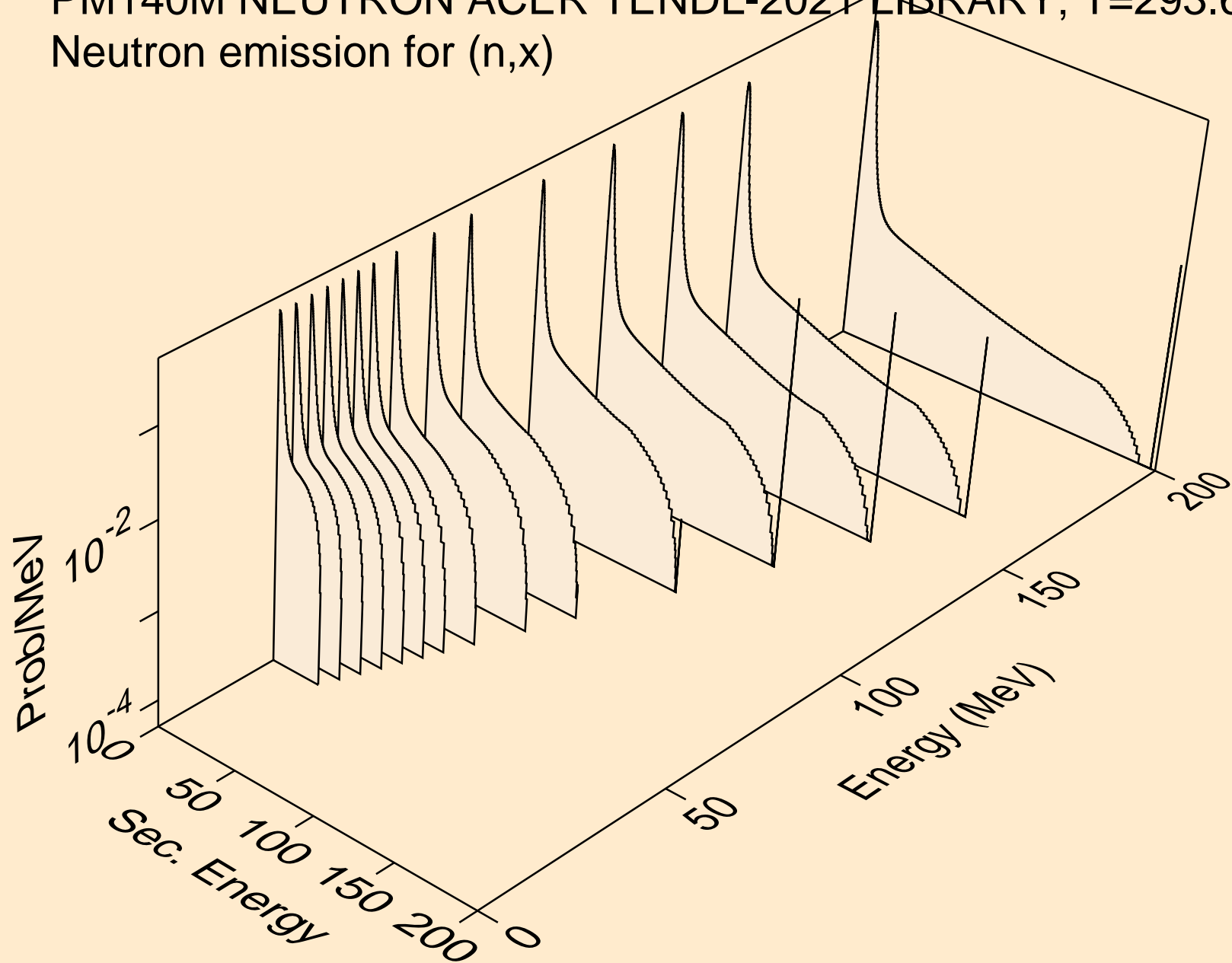




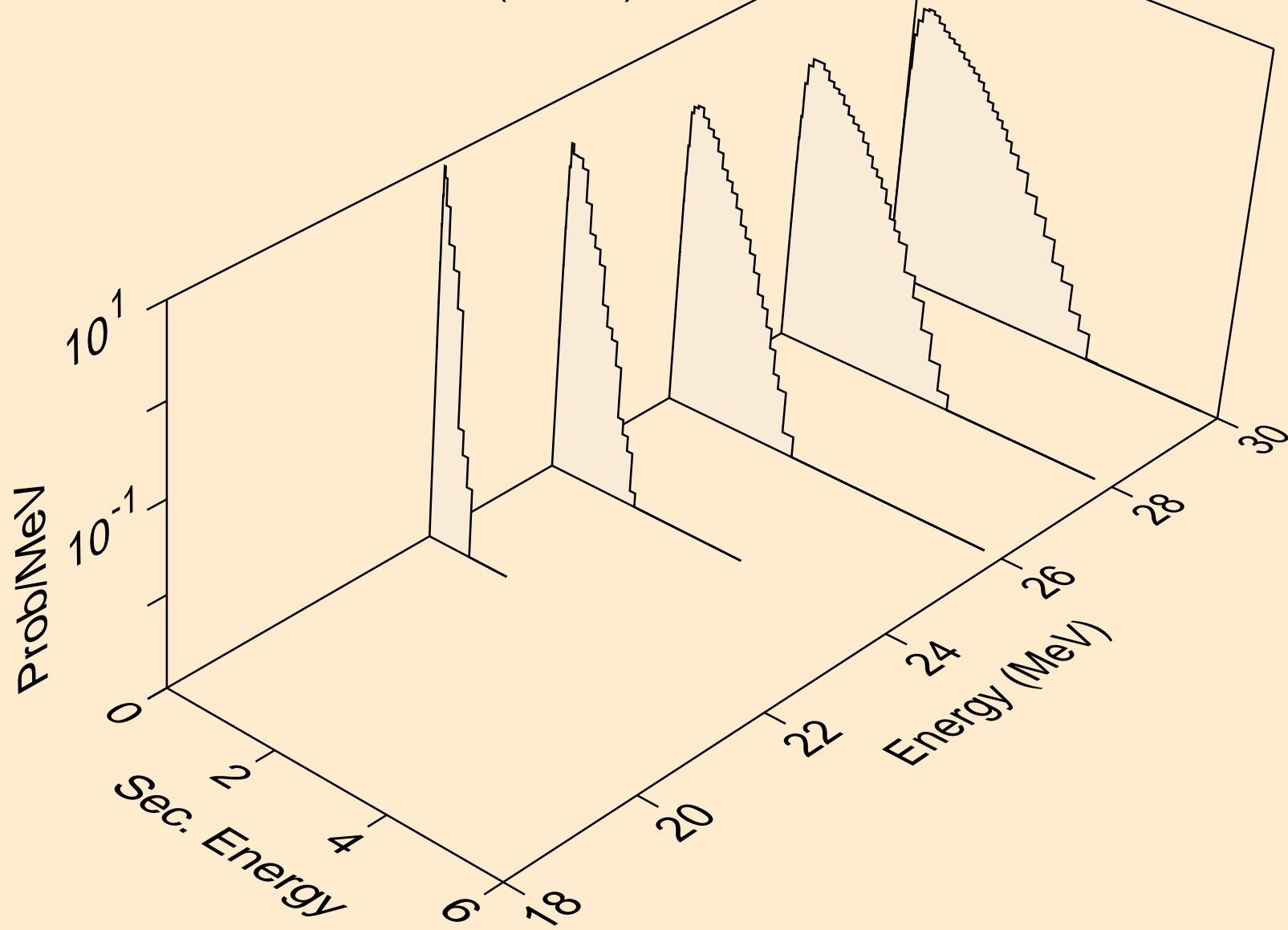
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angular distribution for (n,n\*3)



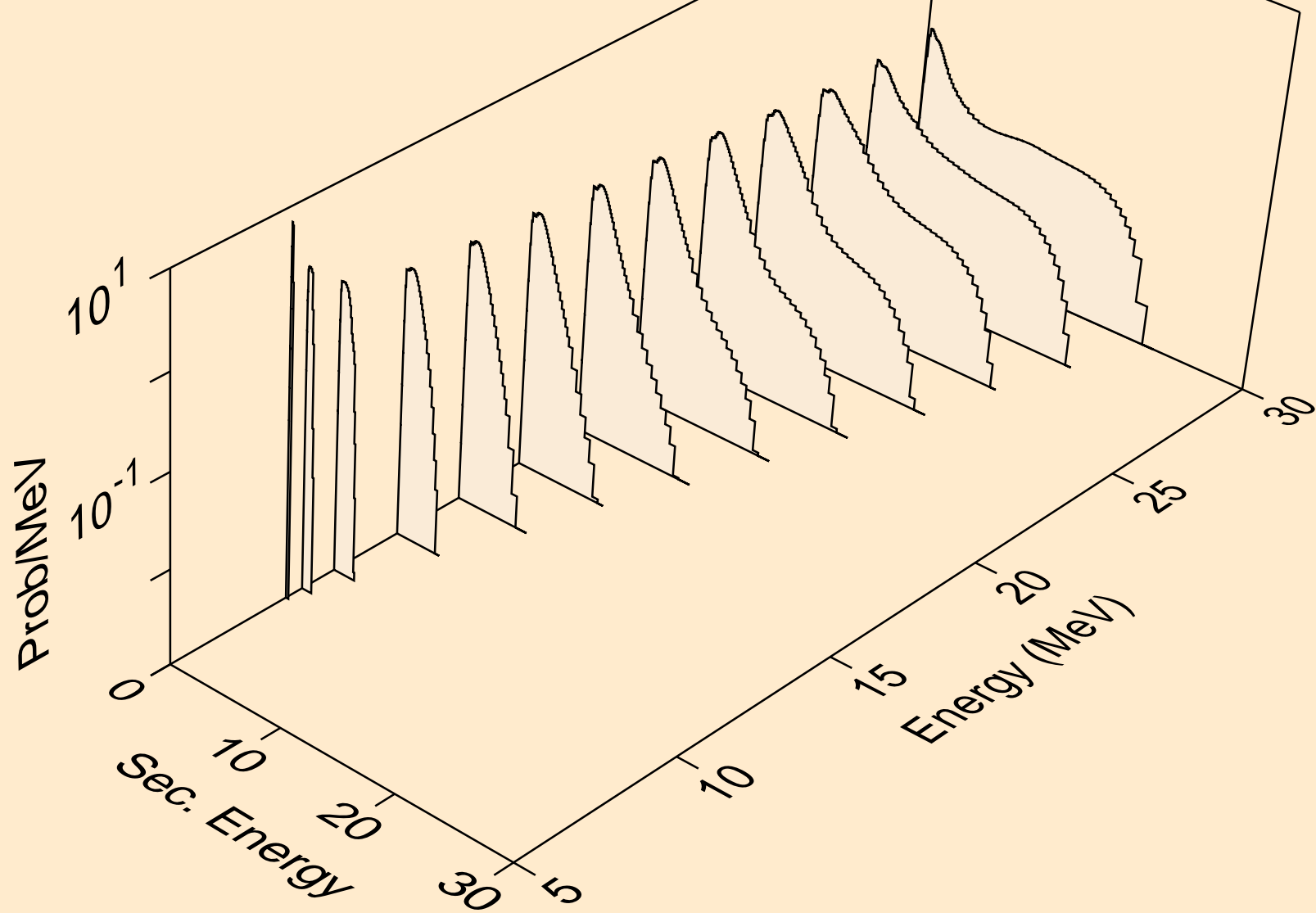
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



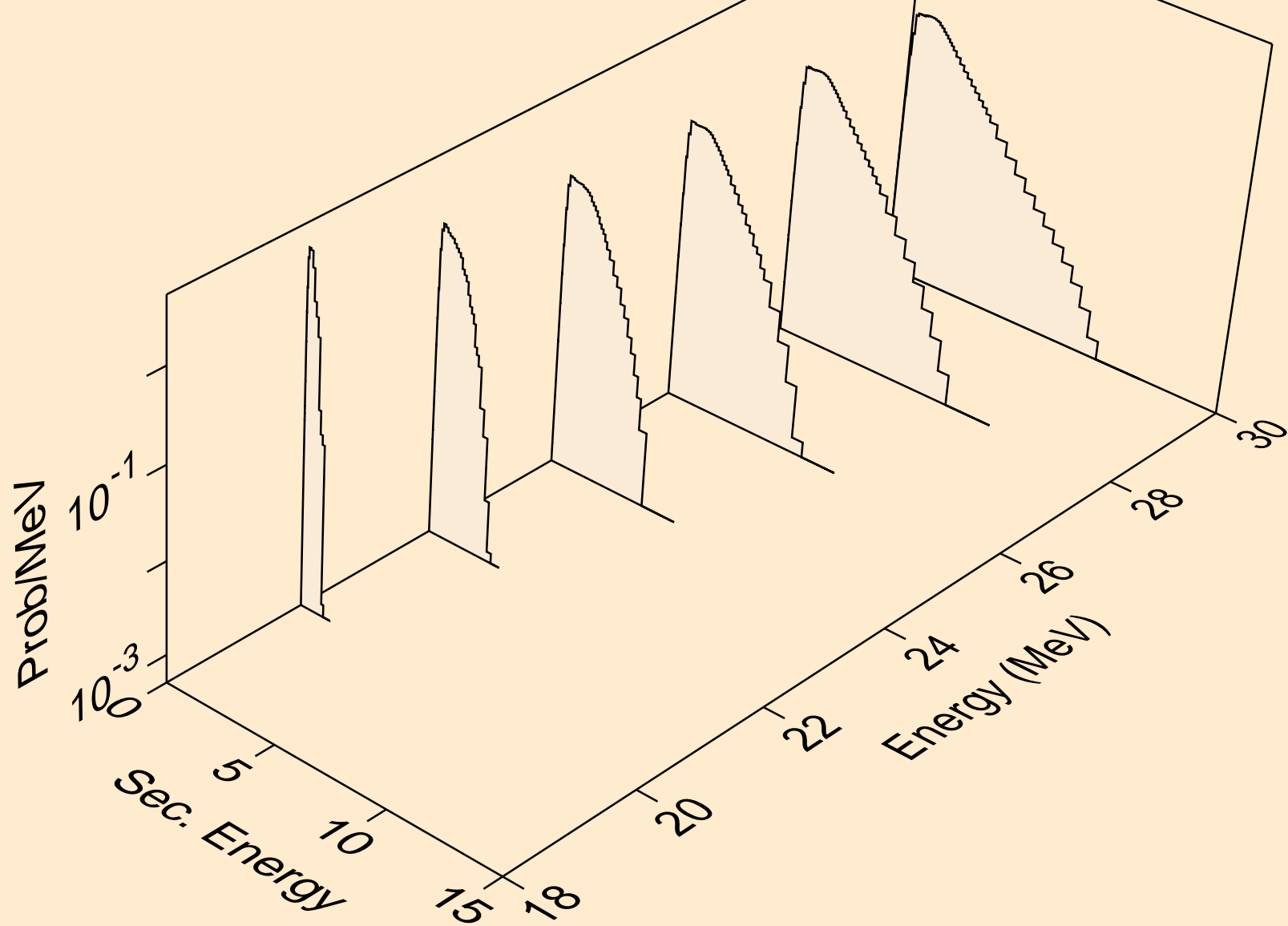
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Neutron emission for (n,2nd)



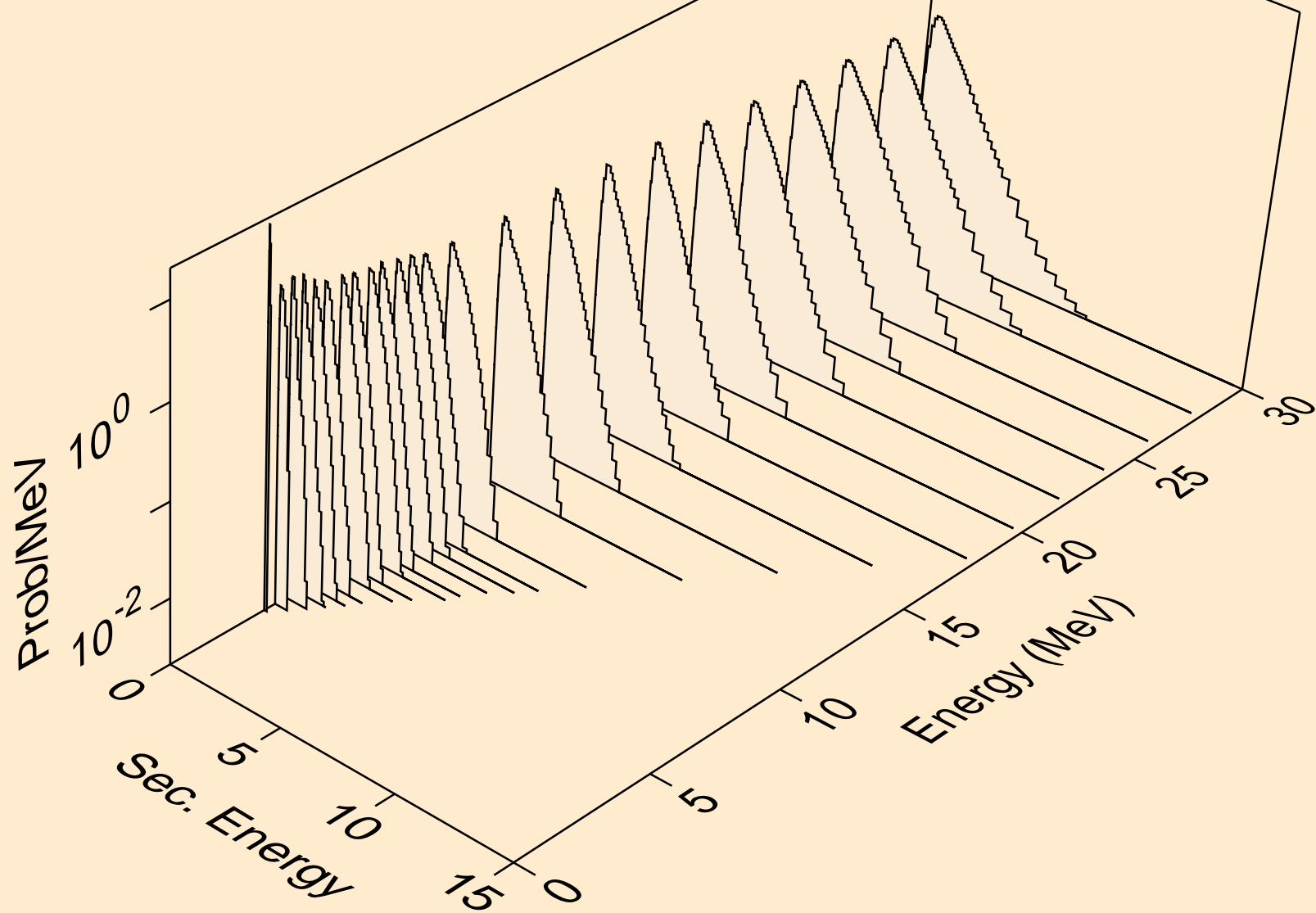
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Neutron emission for (n,2n)



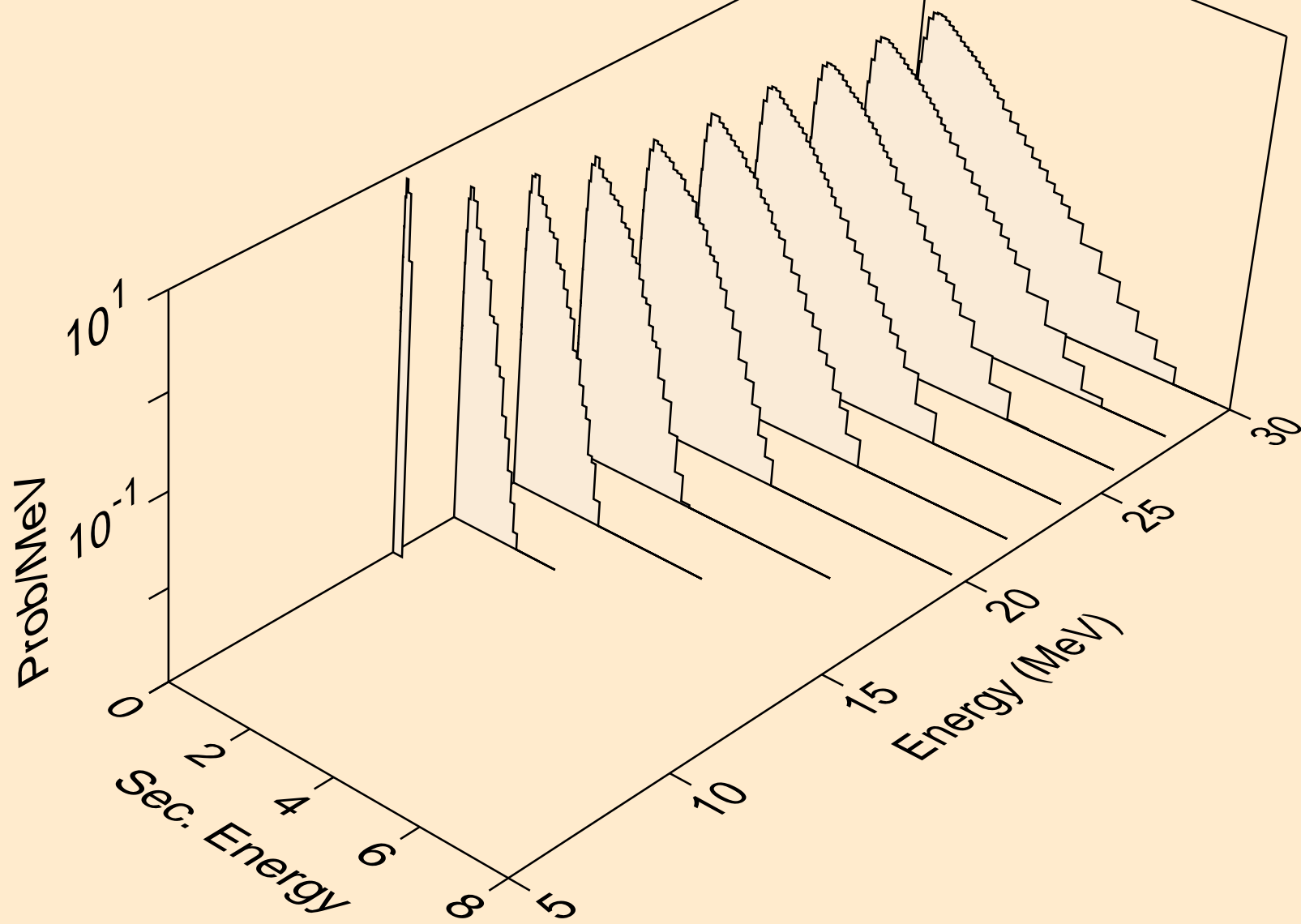
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Neutron emission for (n,3n)



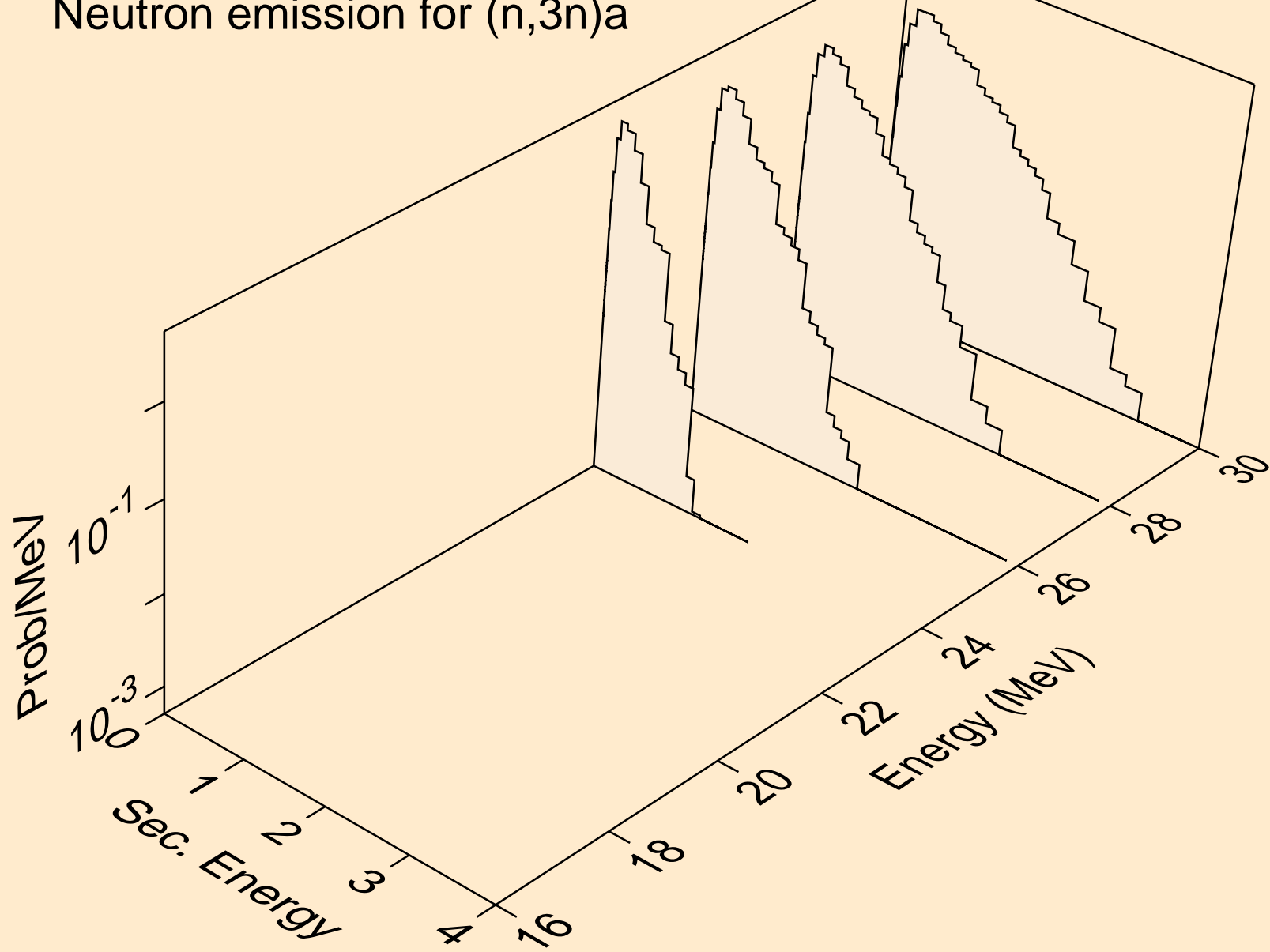
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

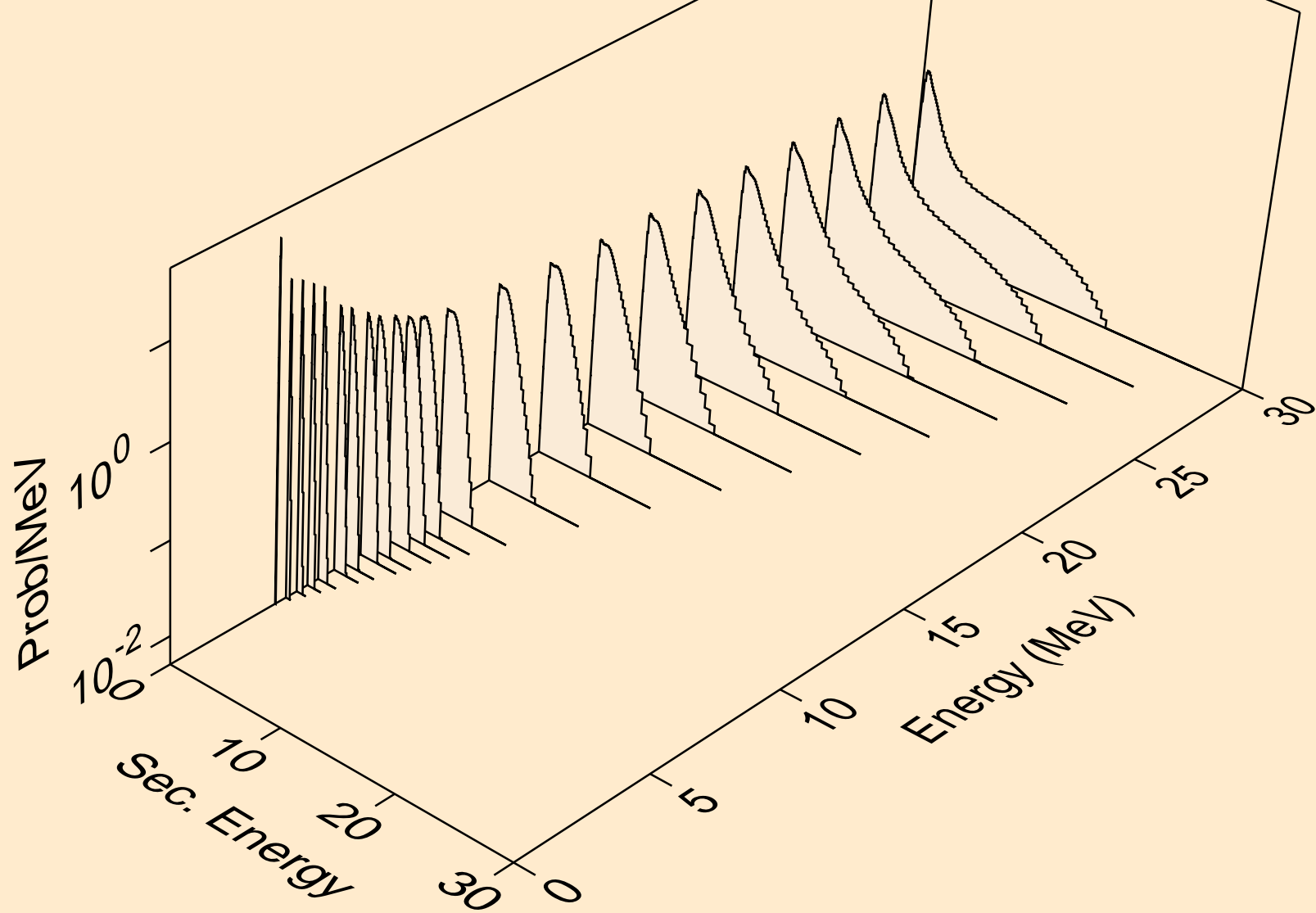


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Neutron emission for (n,3n)a

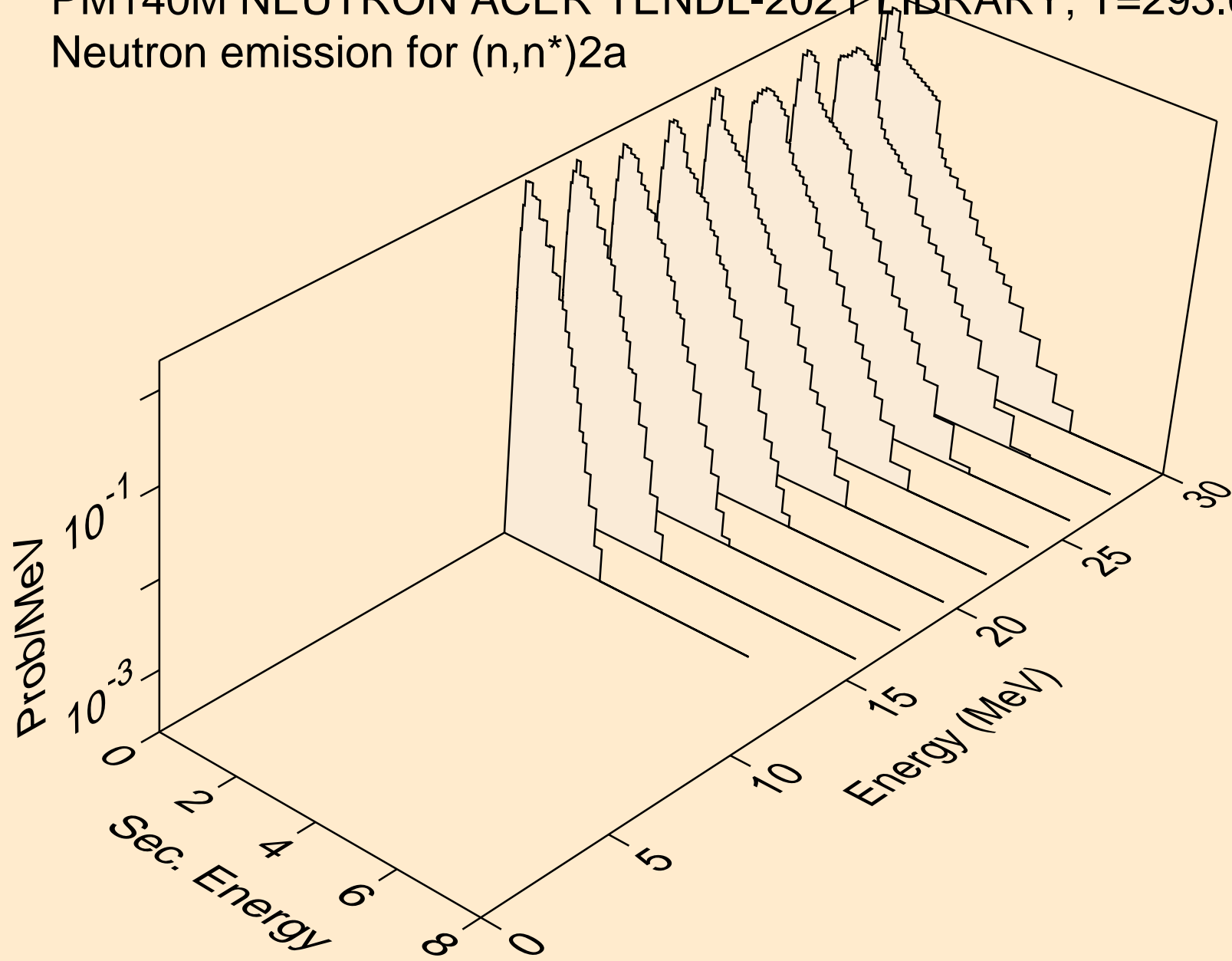




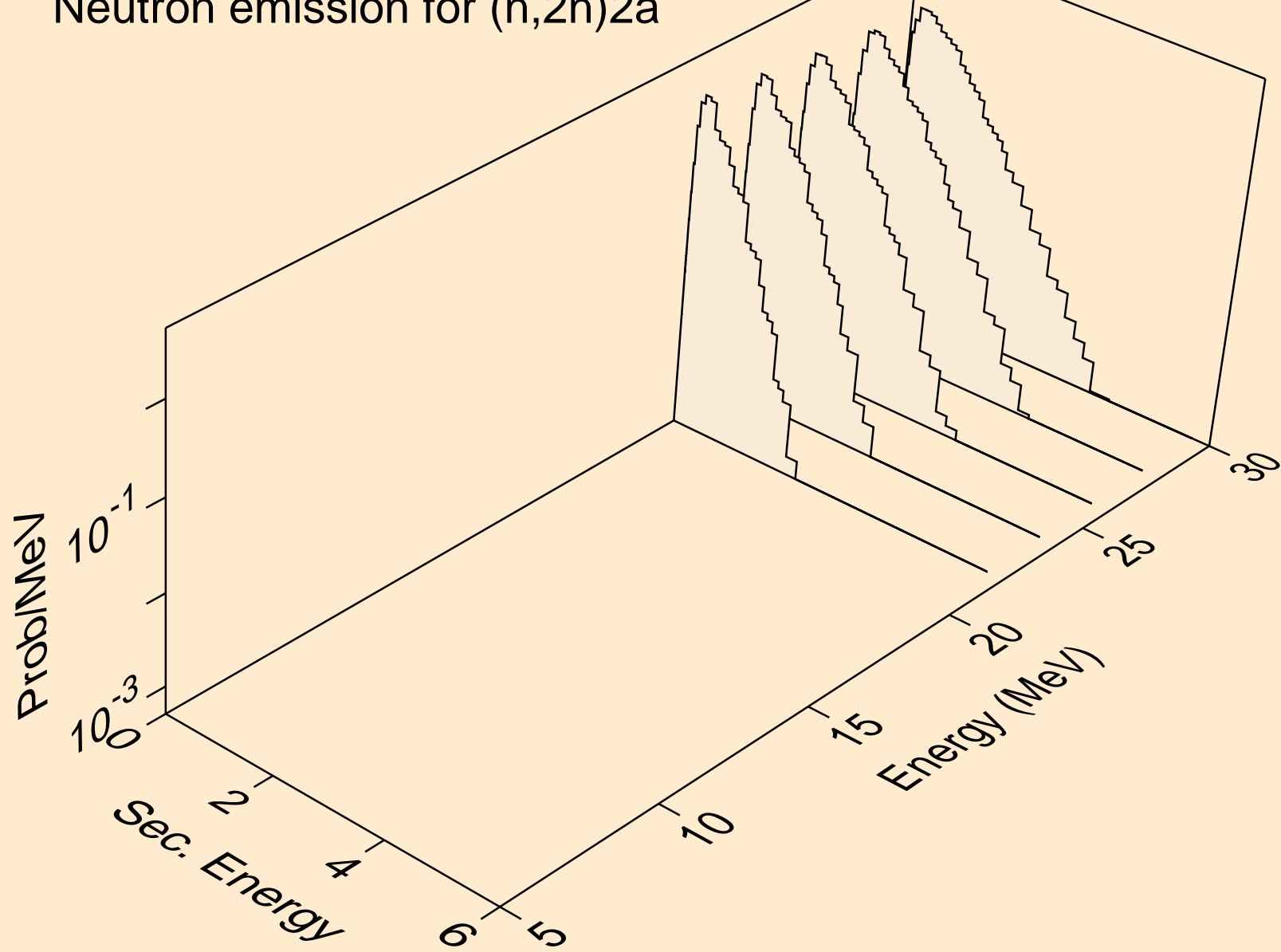
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



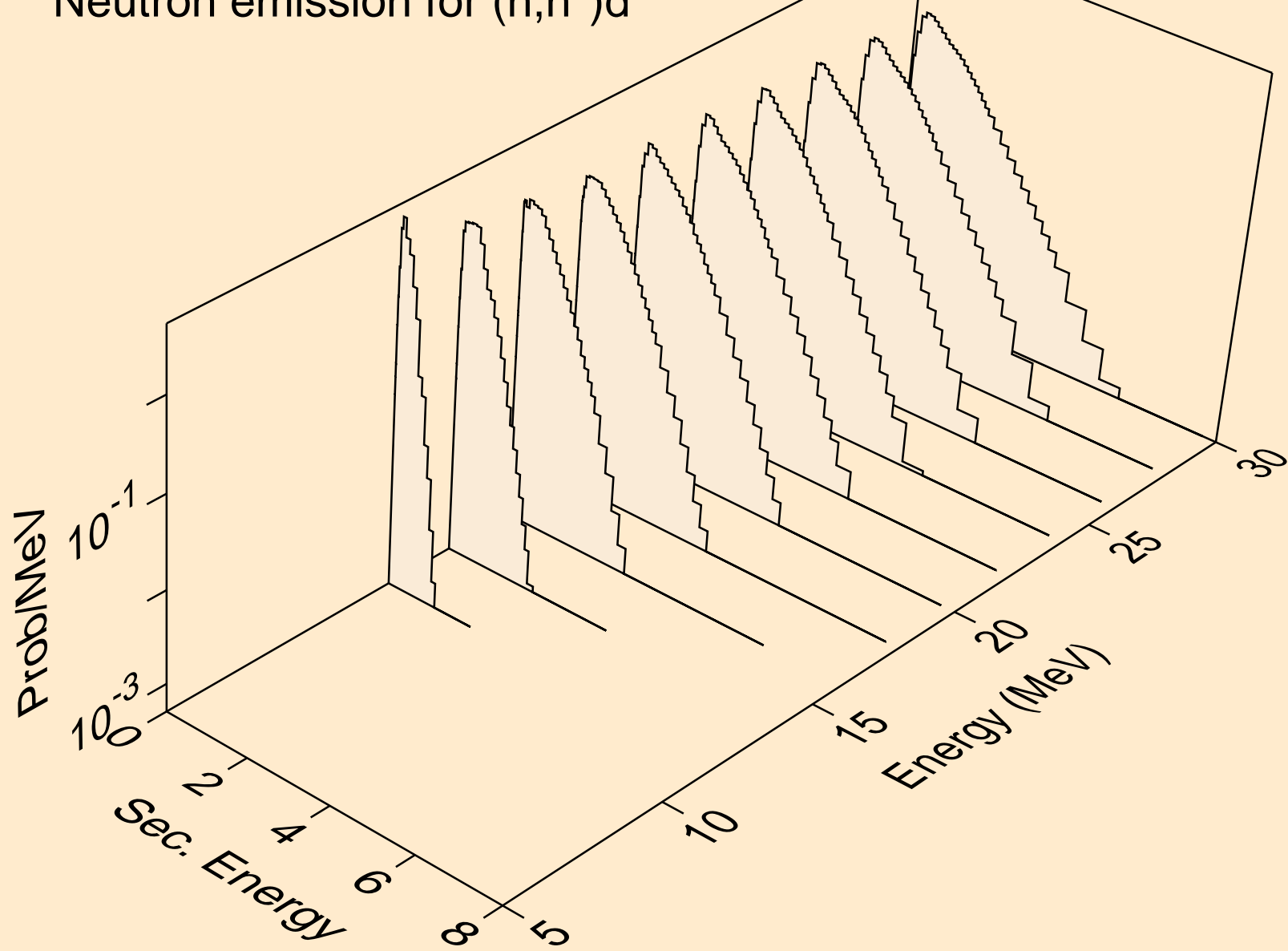
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Neutron emission for (n,n\*)2a



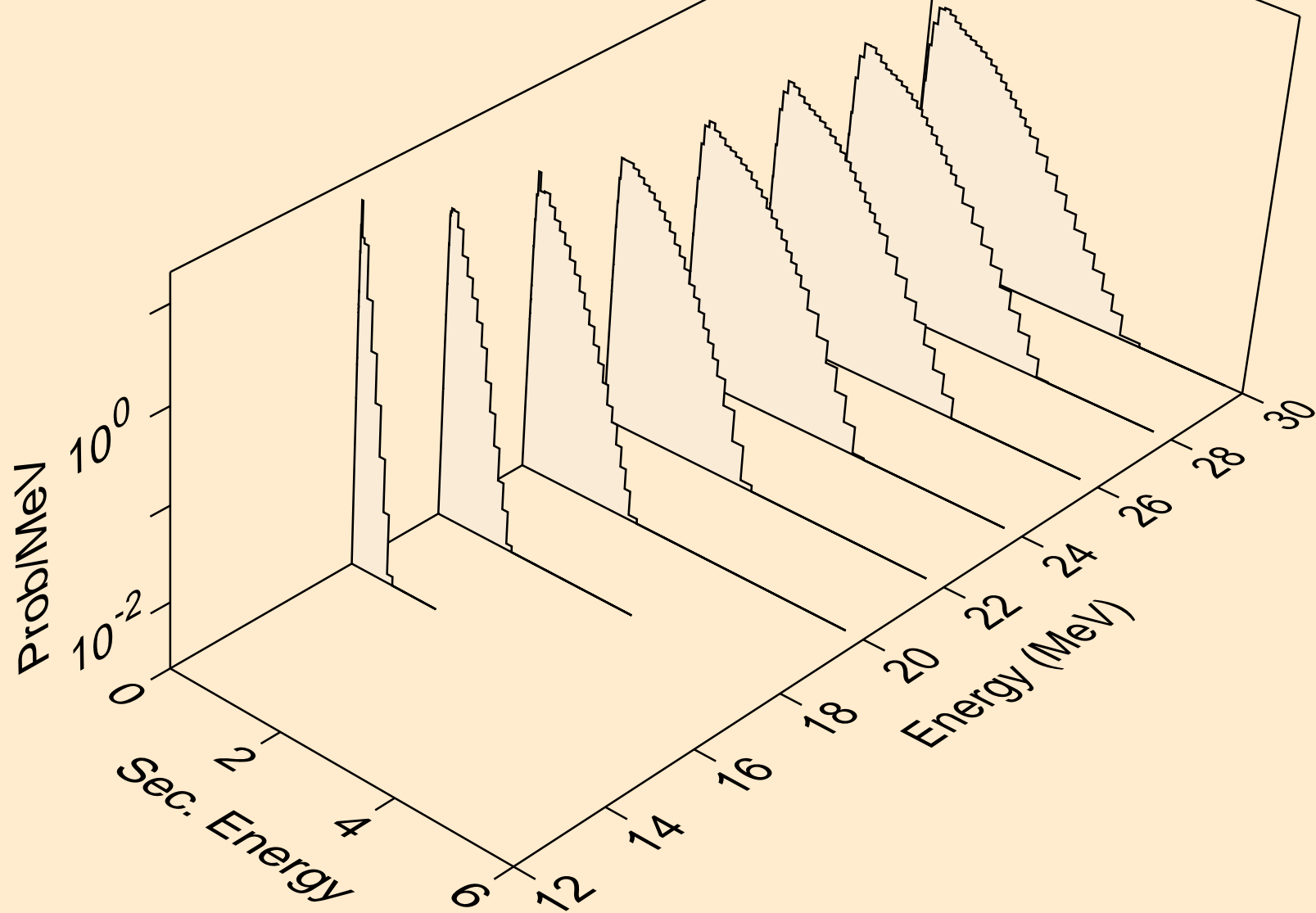
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Neutron emission for (n,2n)2a



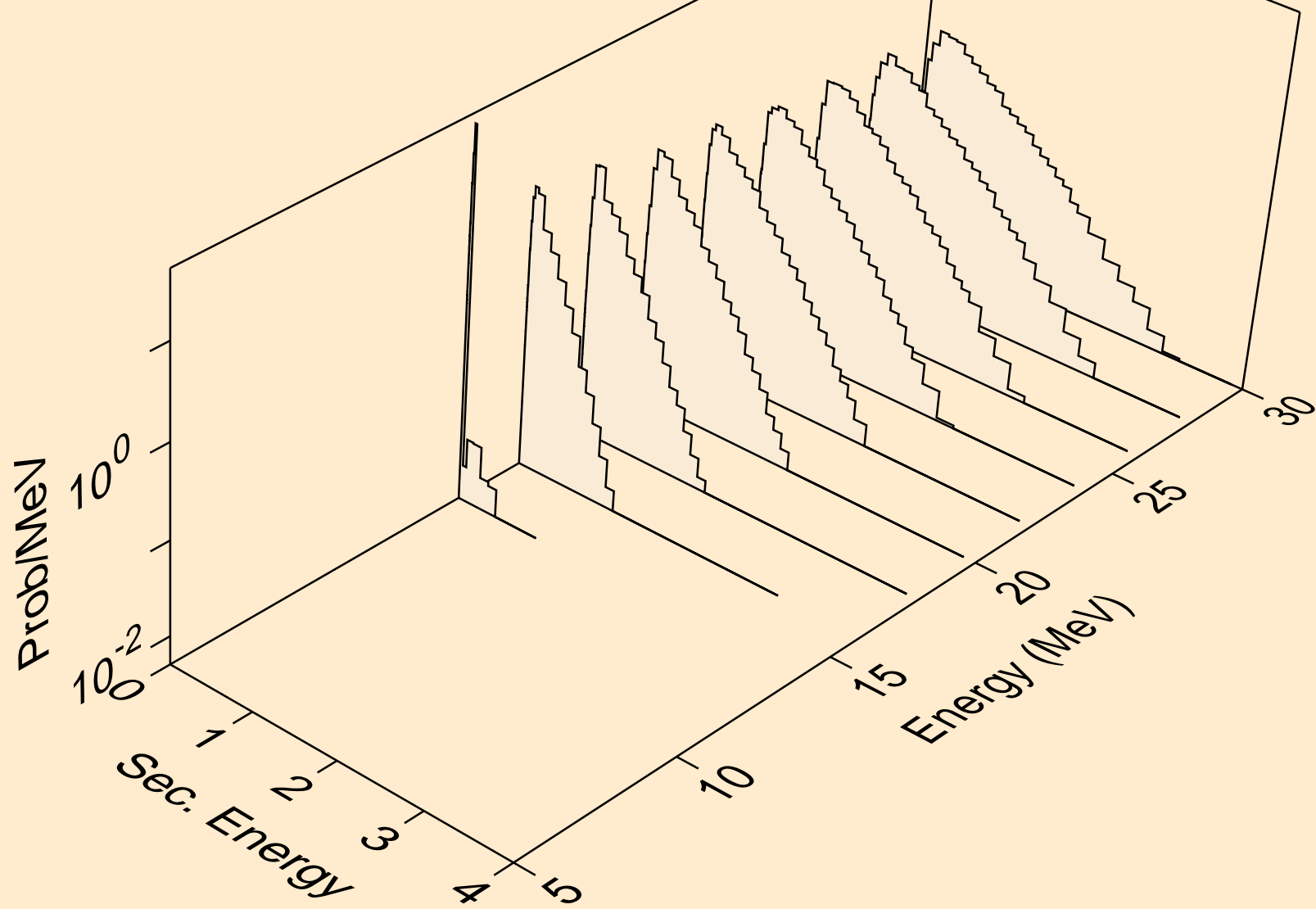
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Neutron emission for (n,n\*)d



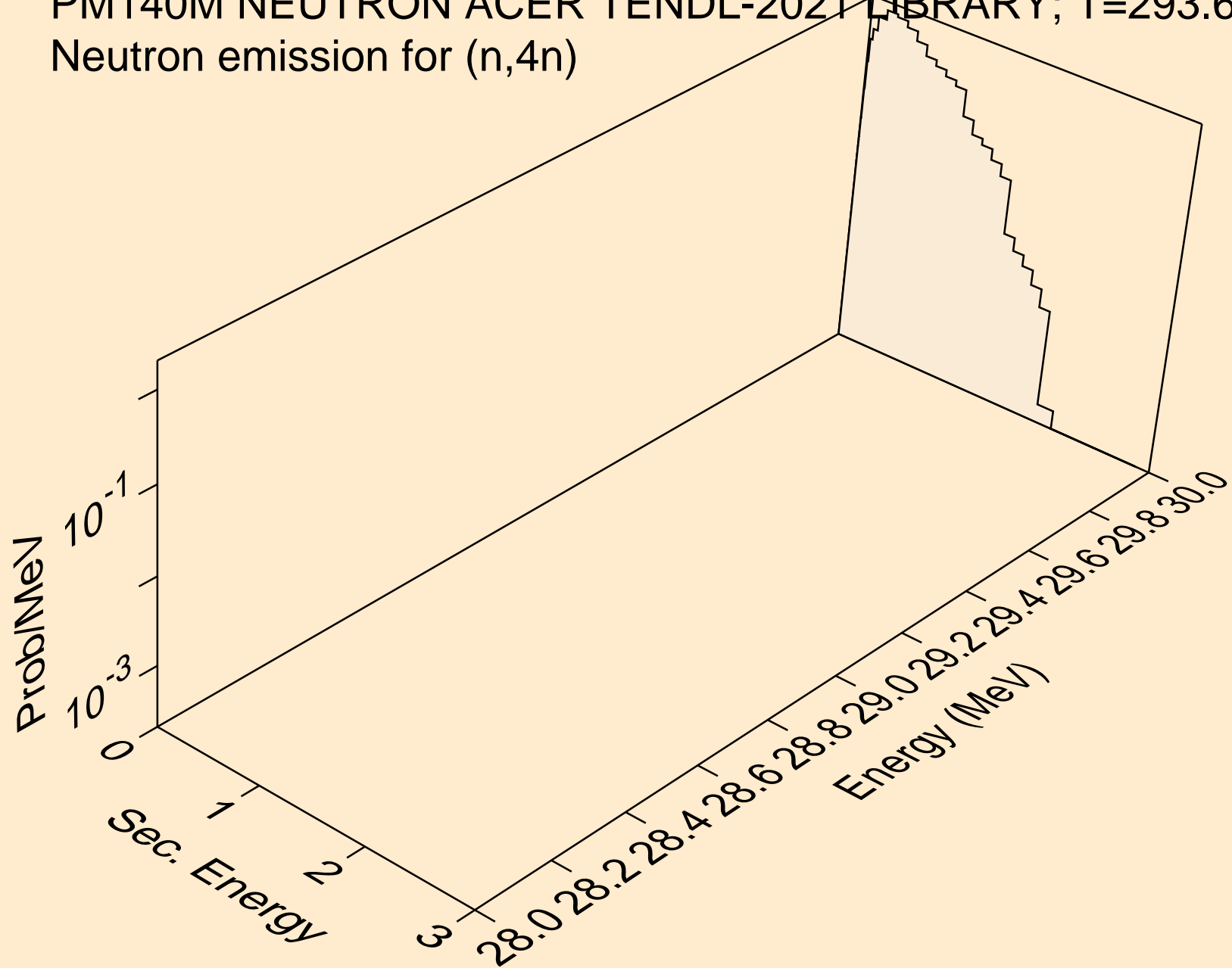
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Neutron emission for (n,n\*)t



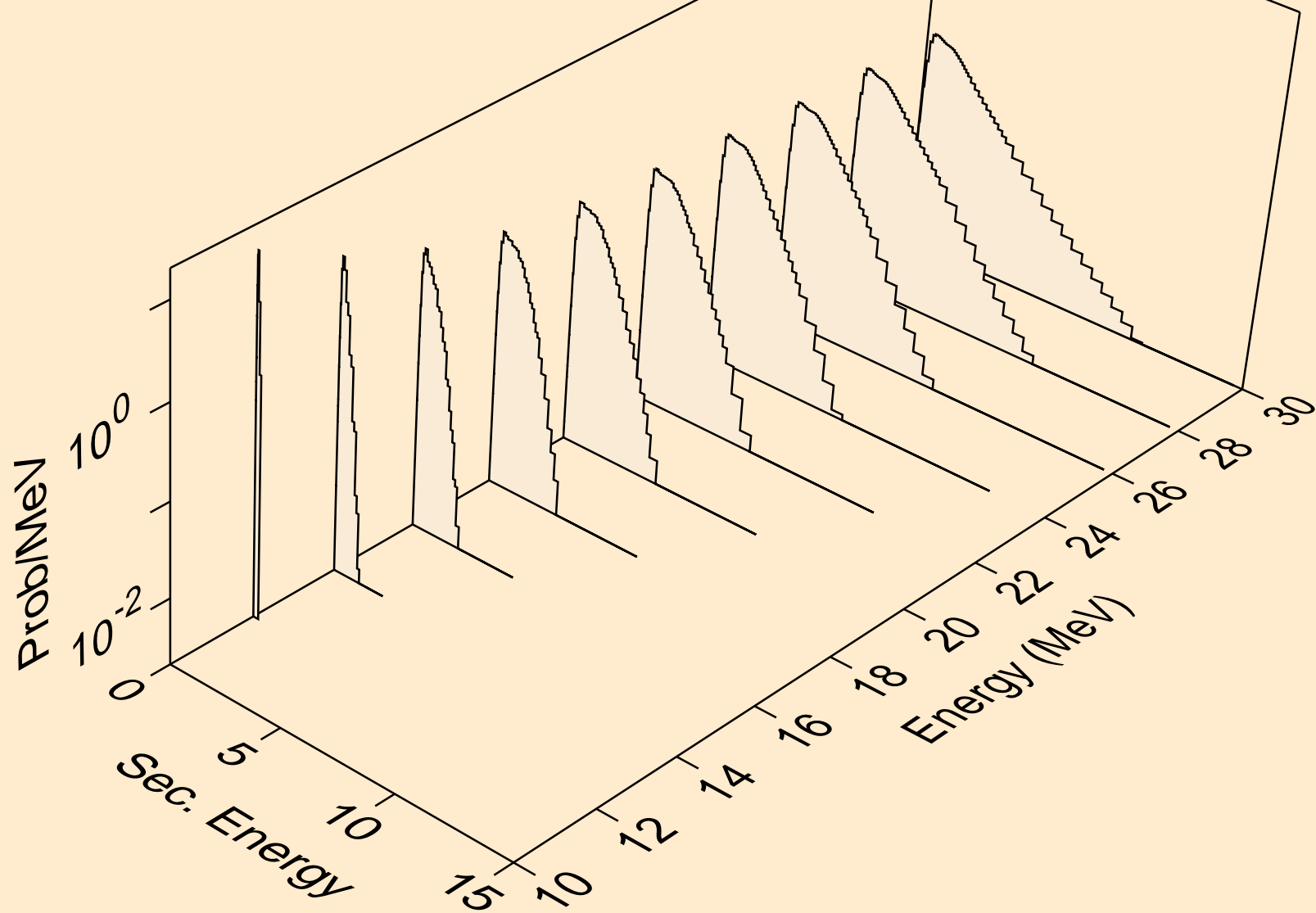
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

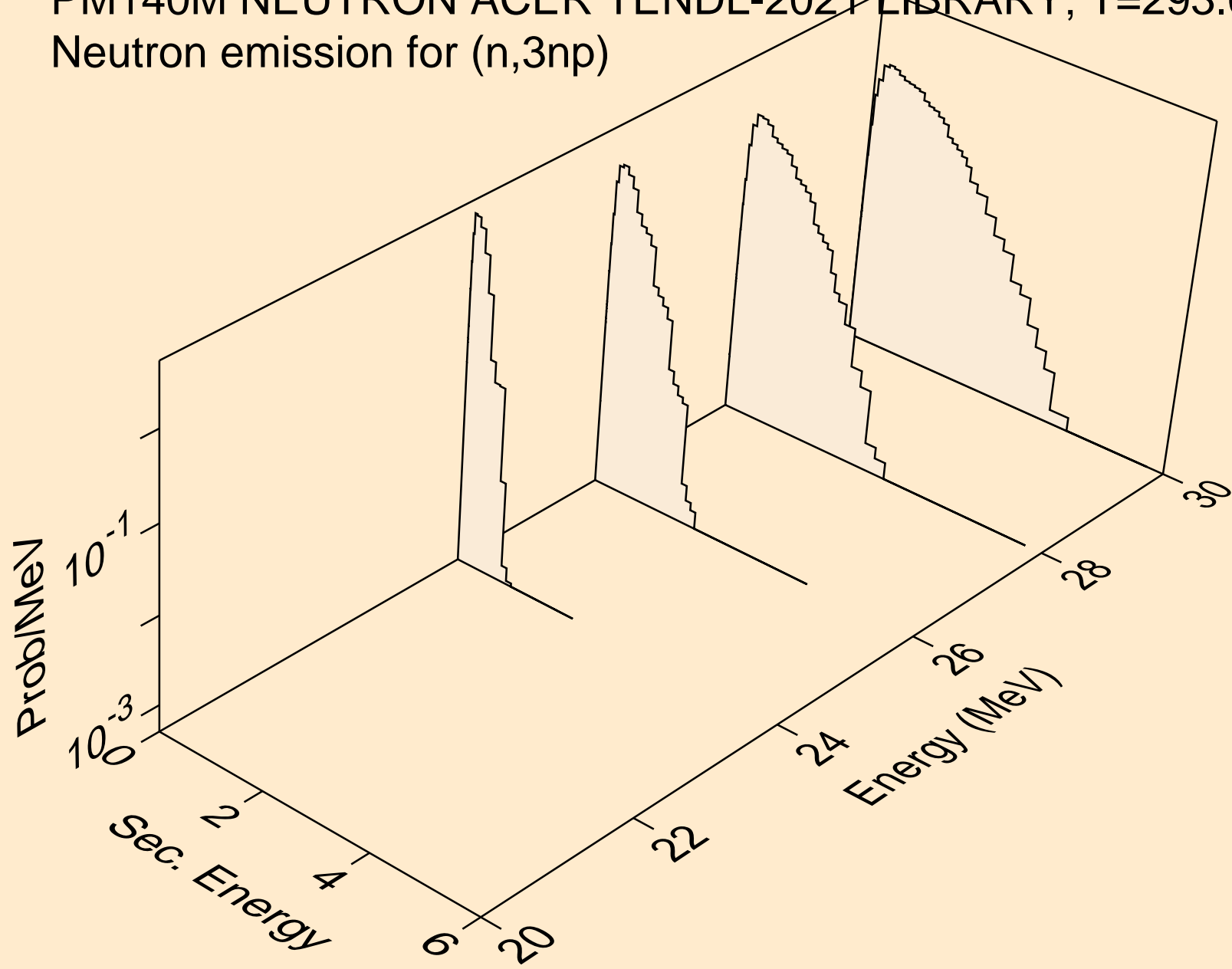


PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

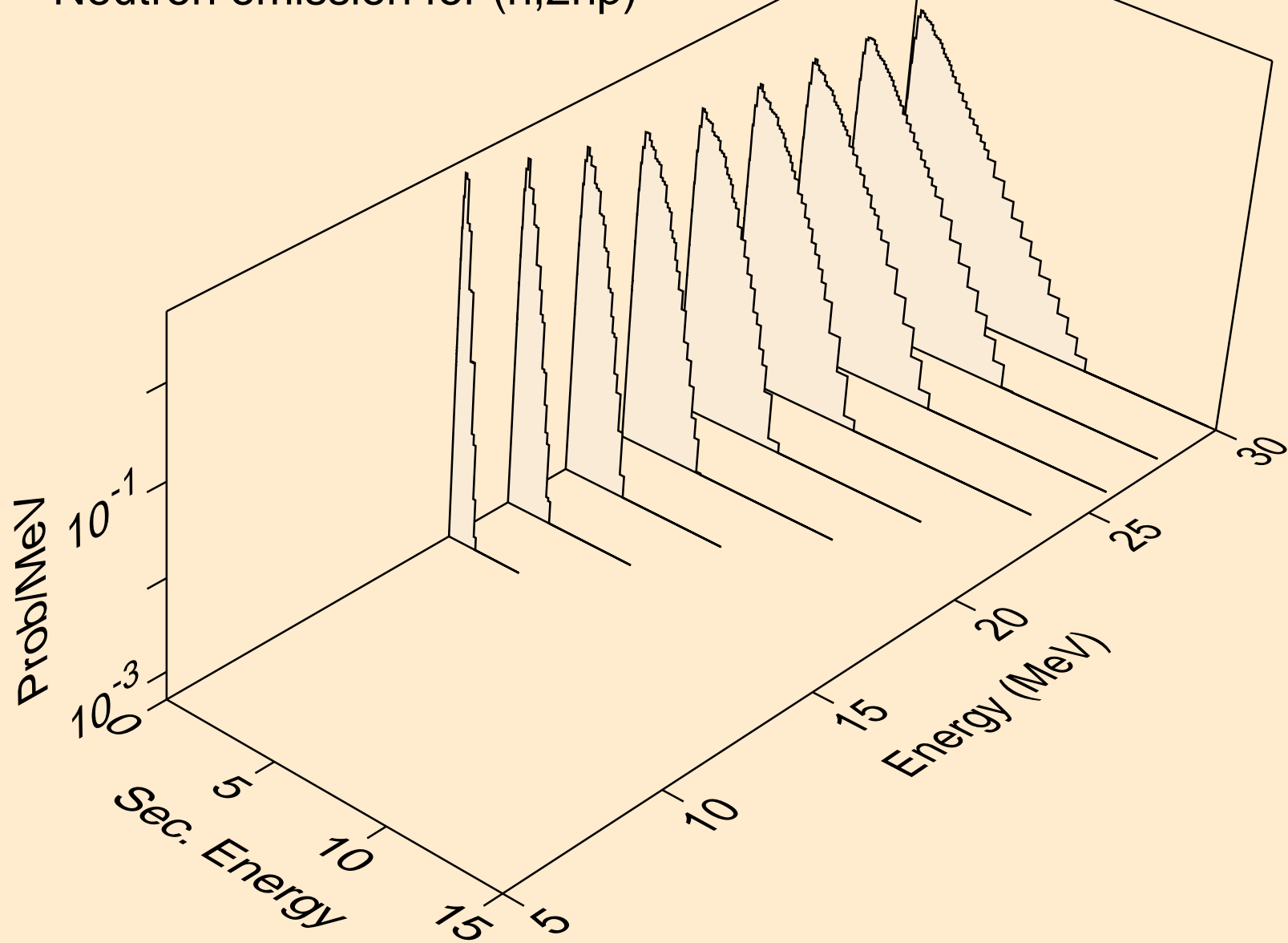




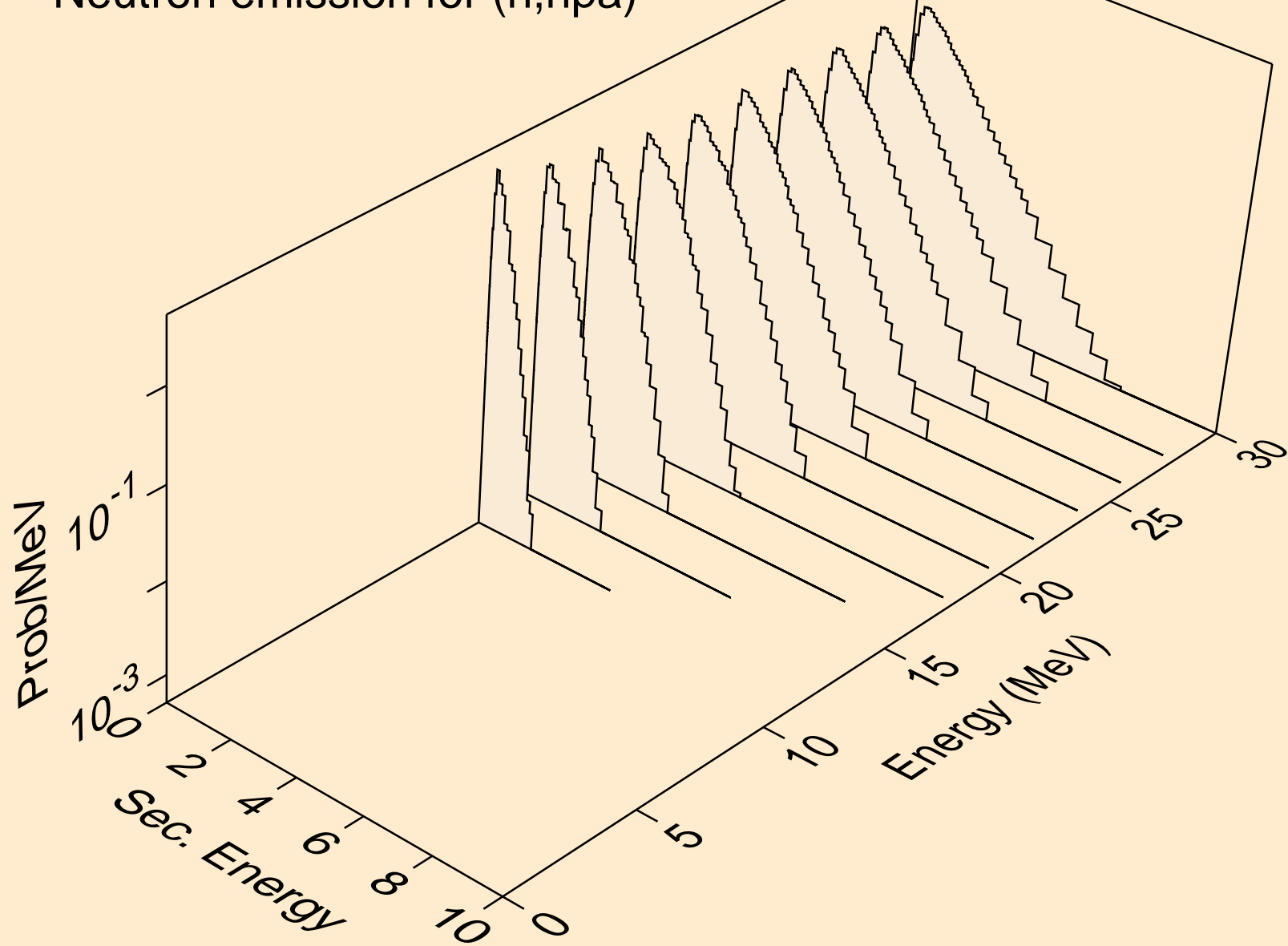
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Neutron emission for (n,3np)



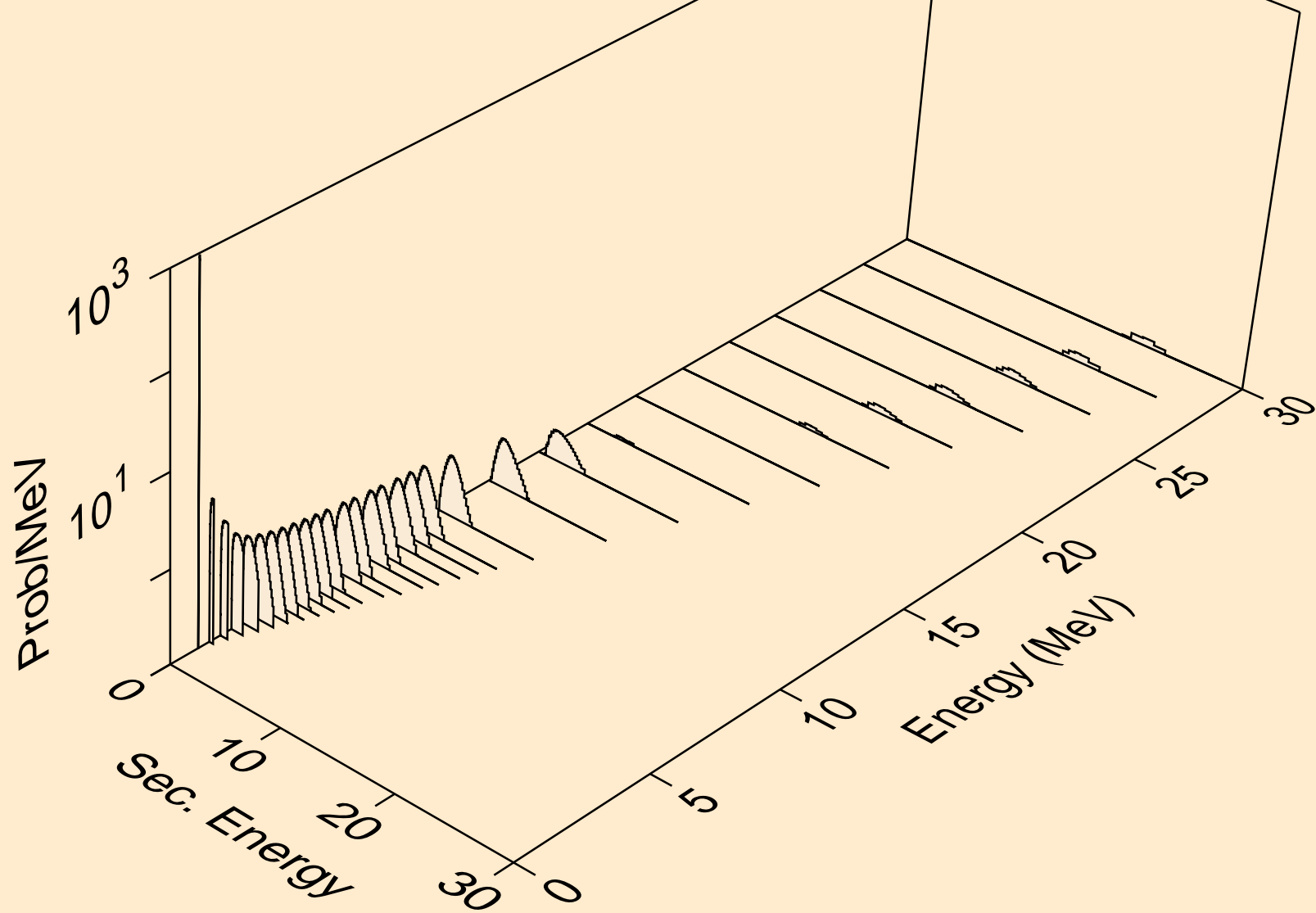
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Neutron emission for (n,2np)



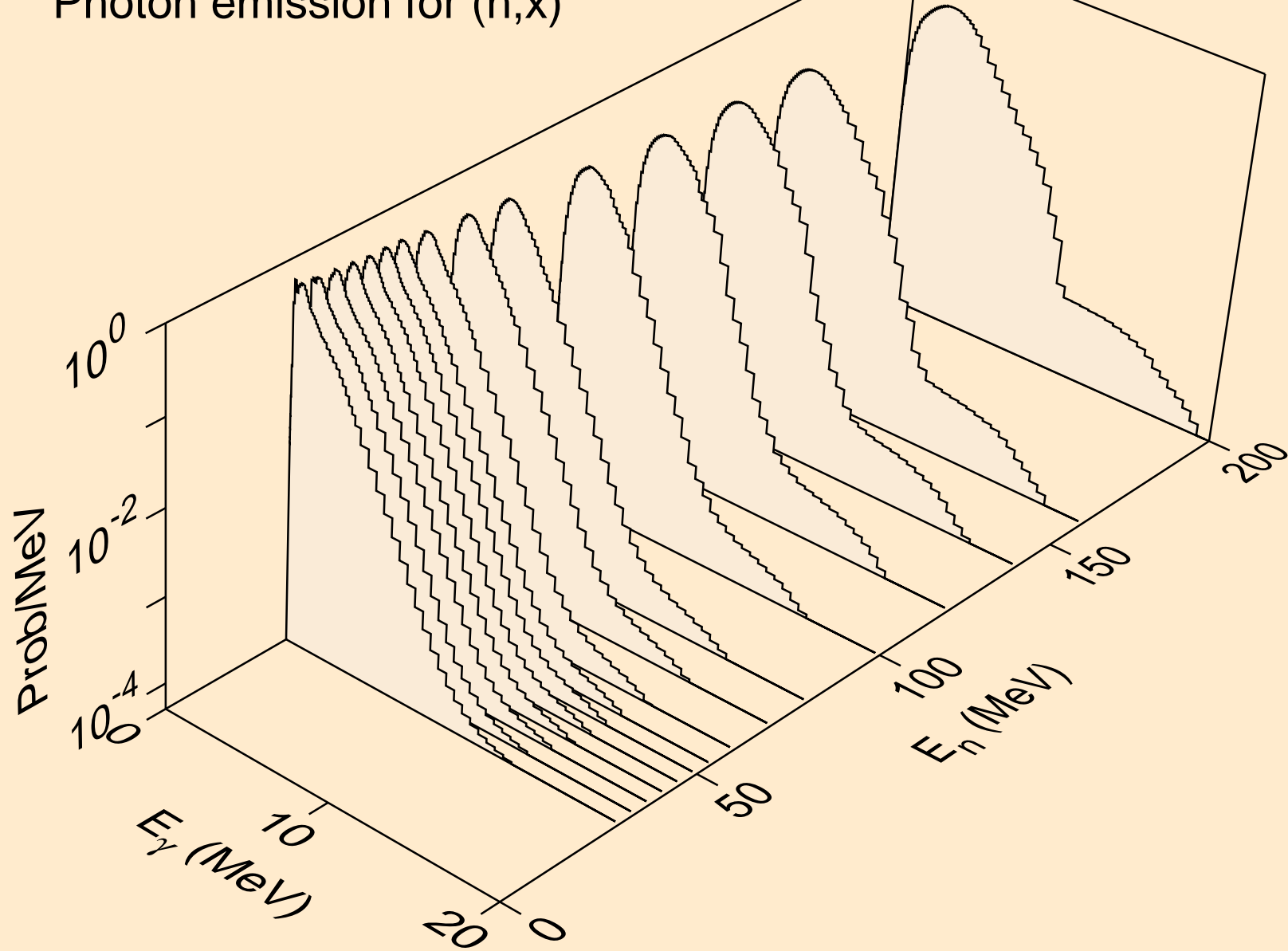
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Neutron emission for (n,npa)



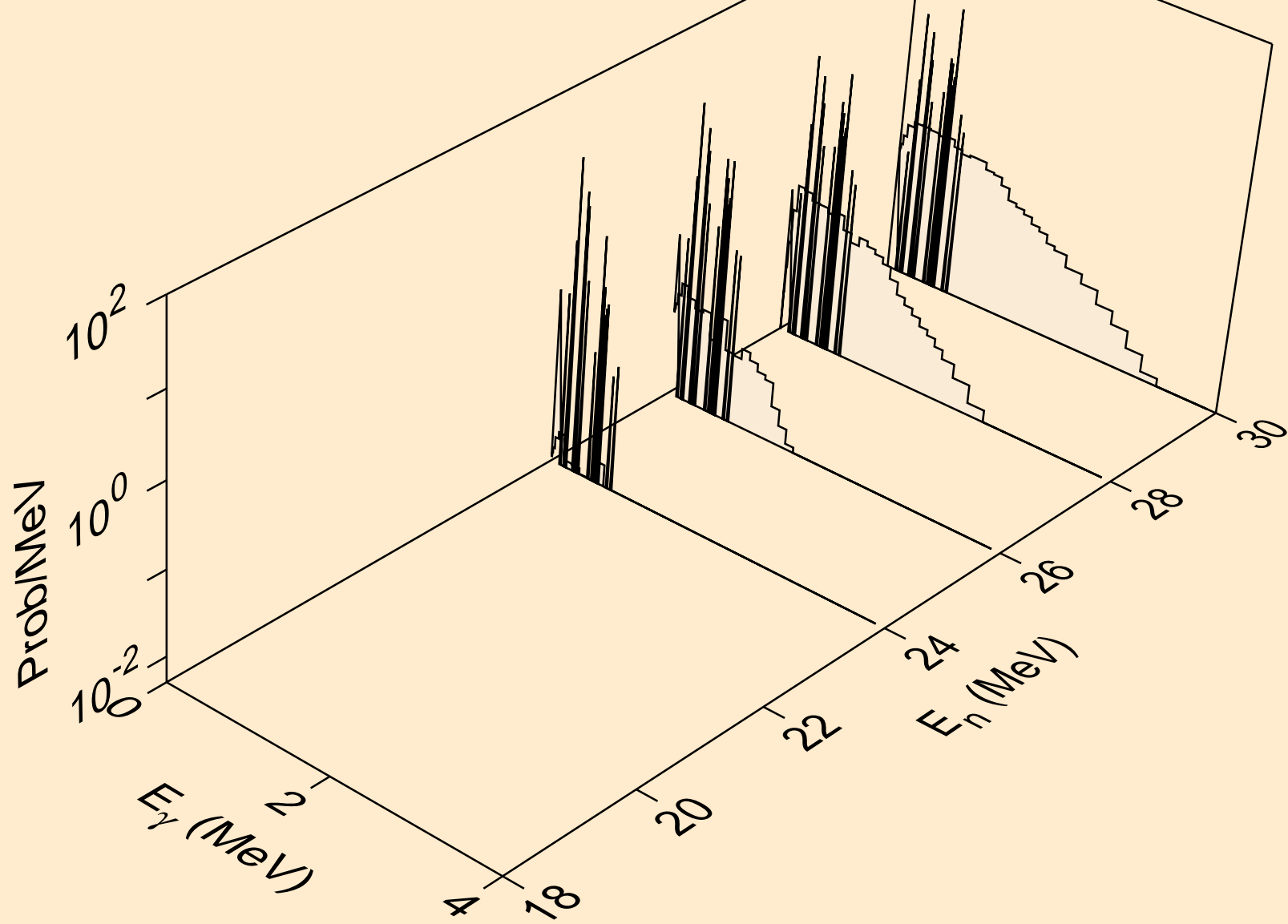
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



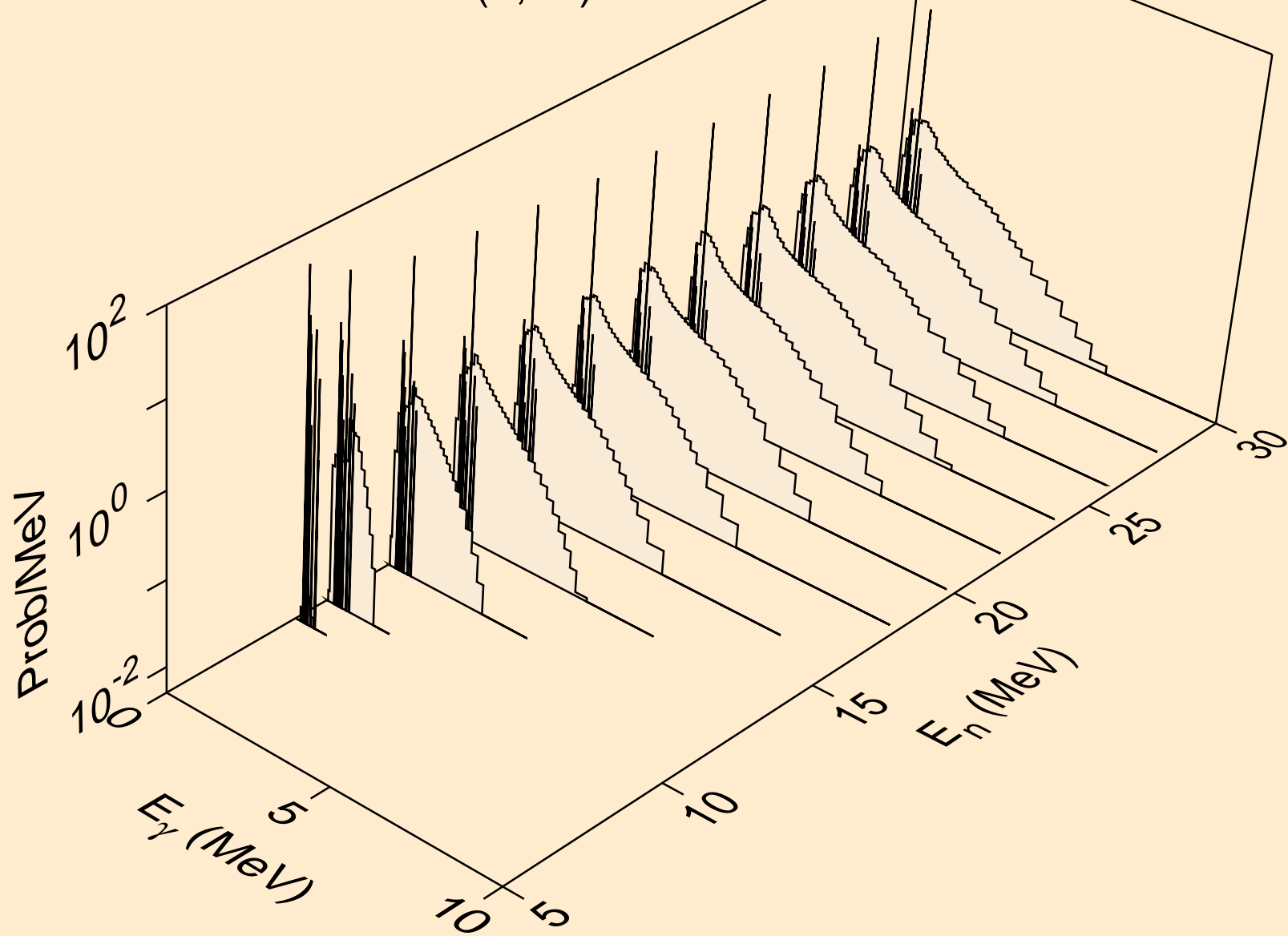
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



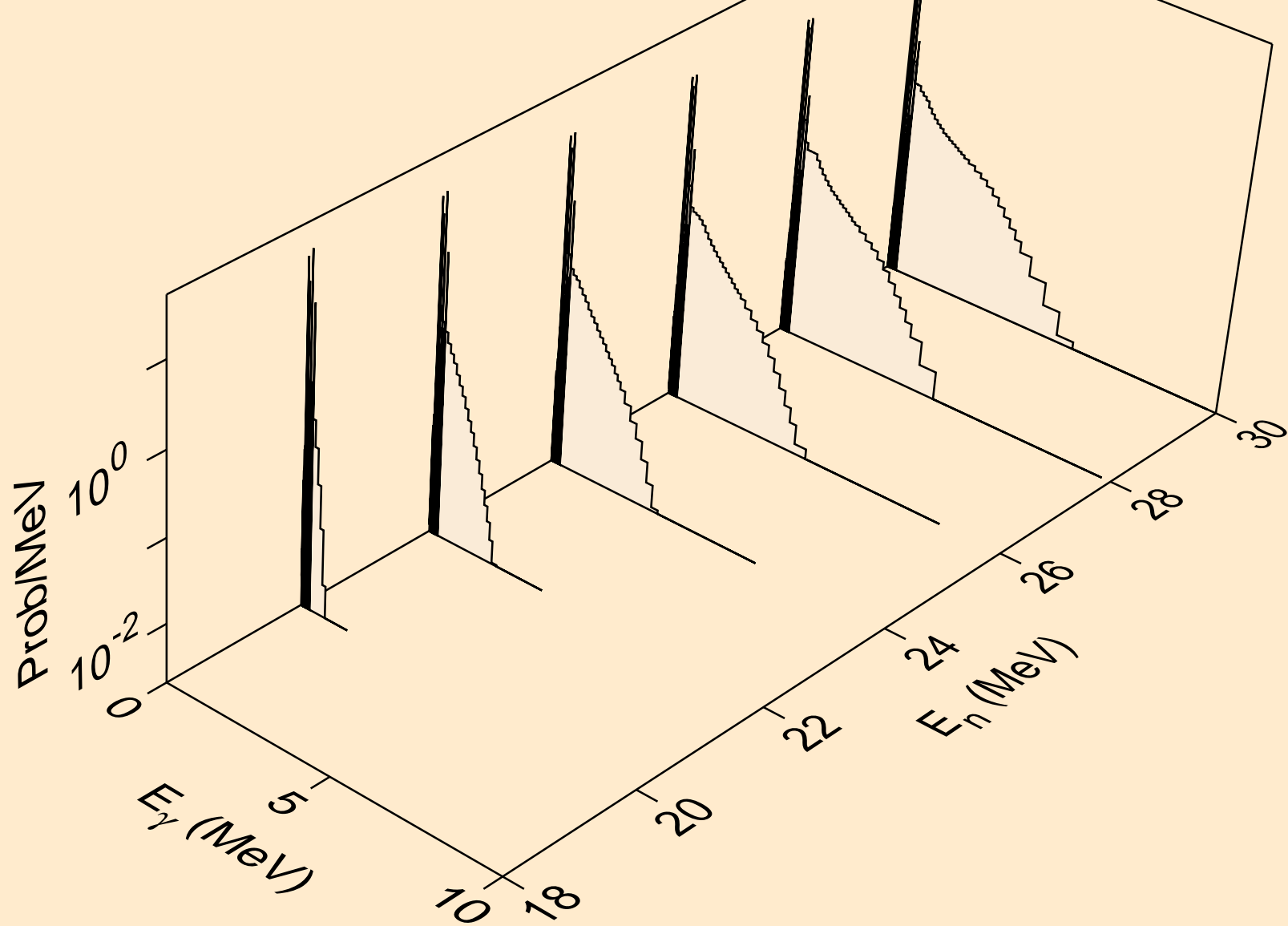
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

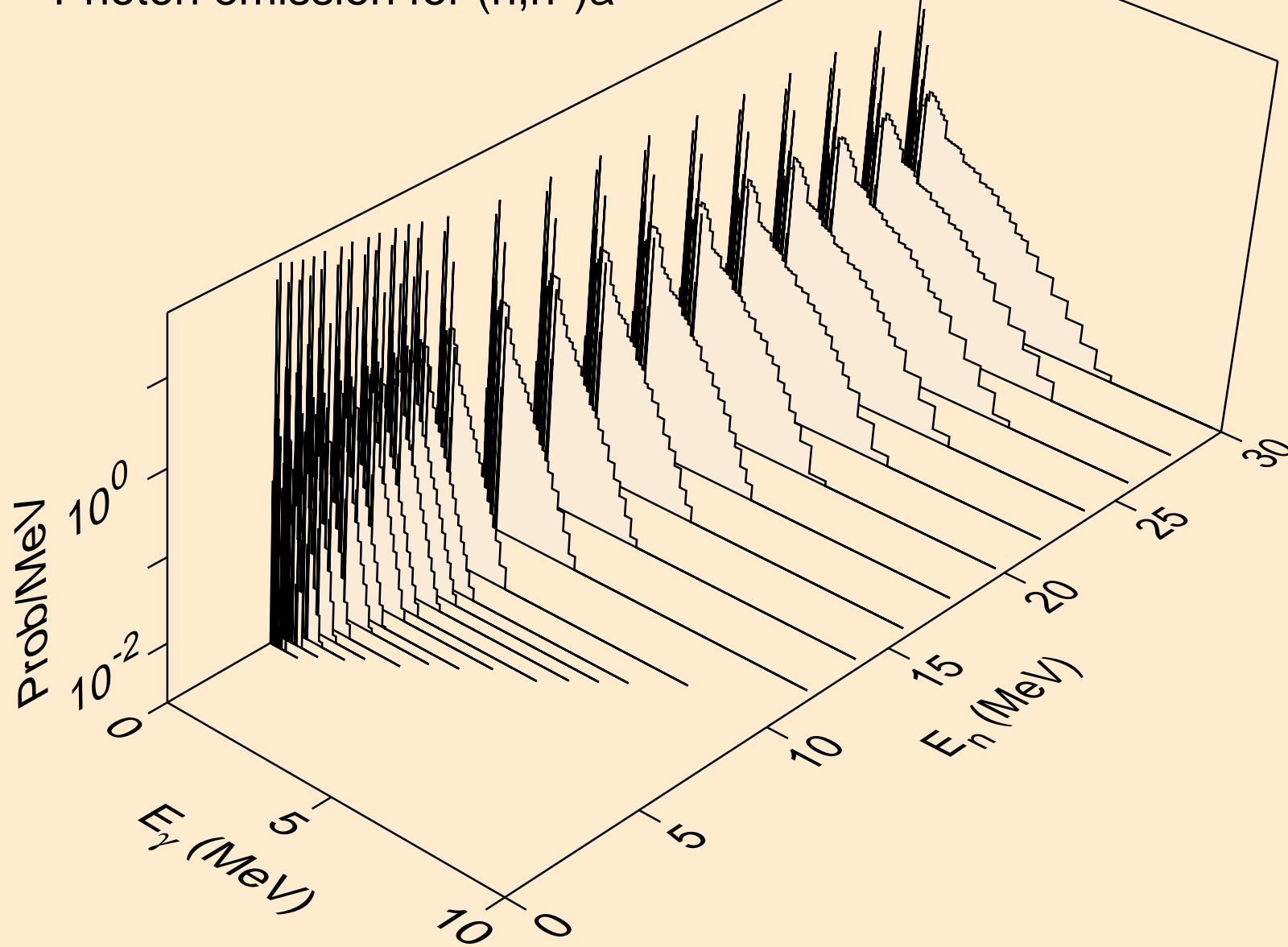


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Photon emission for (n,3n)

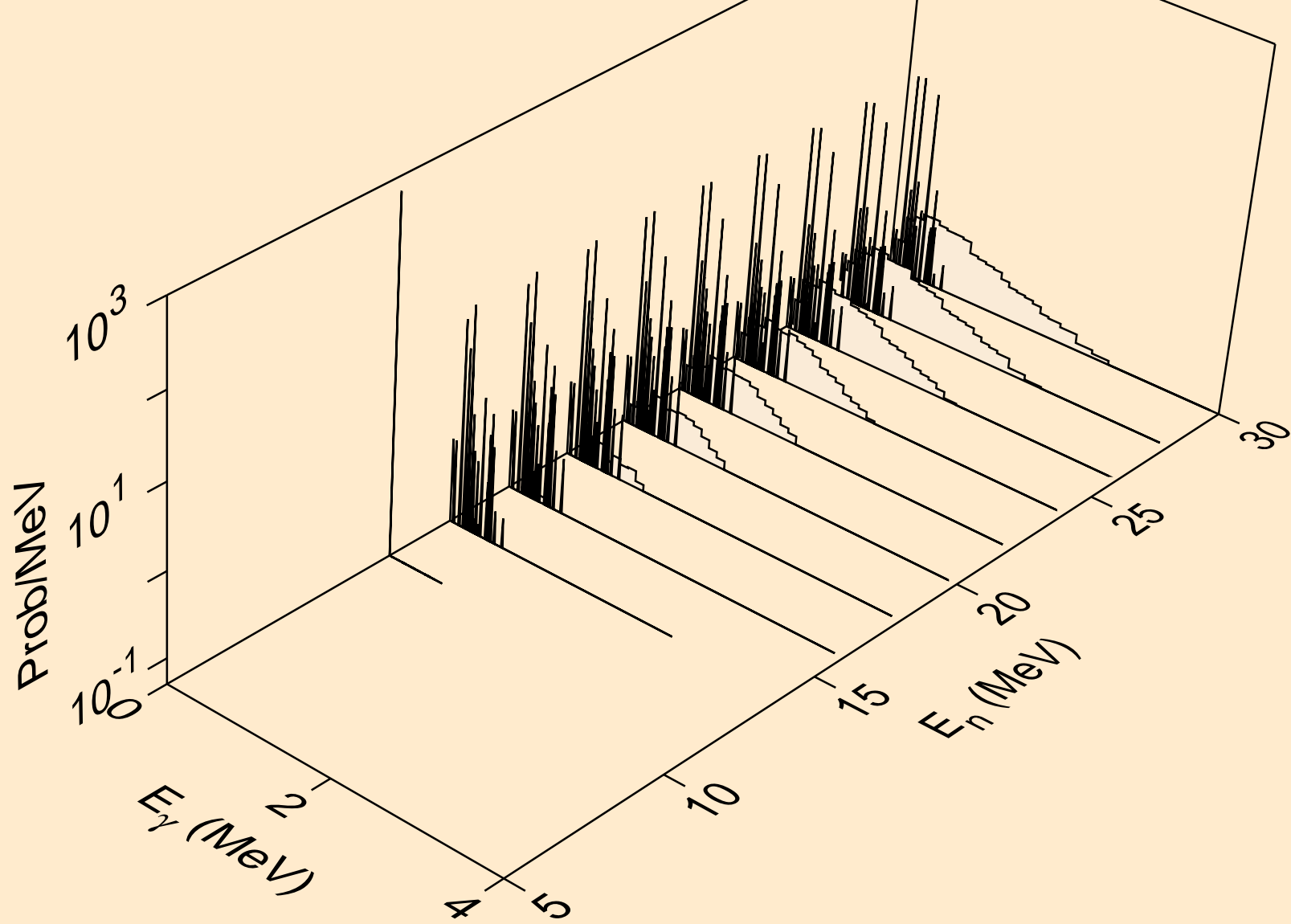




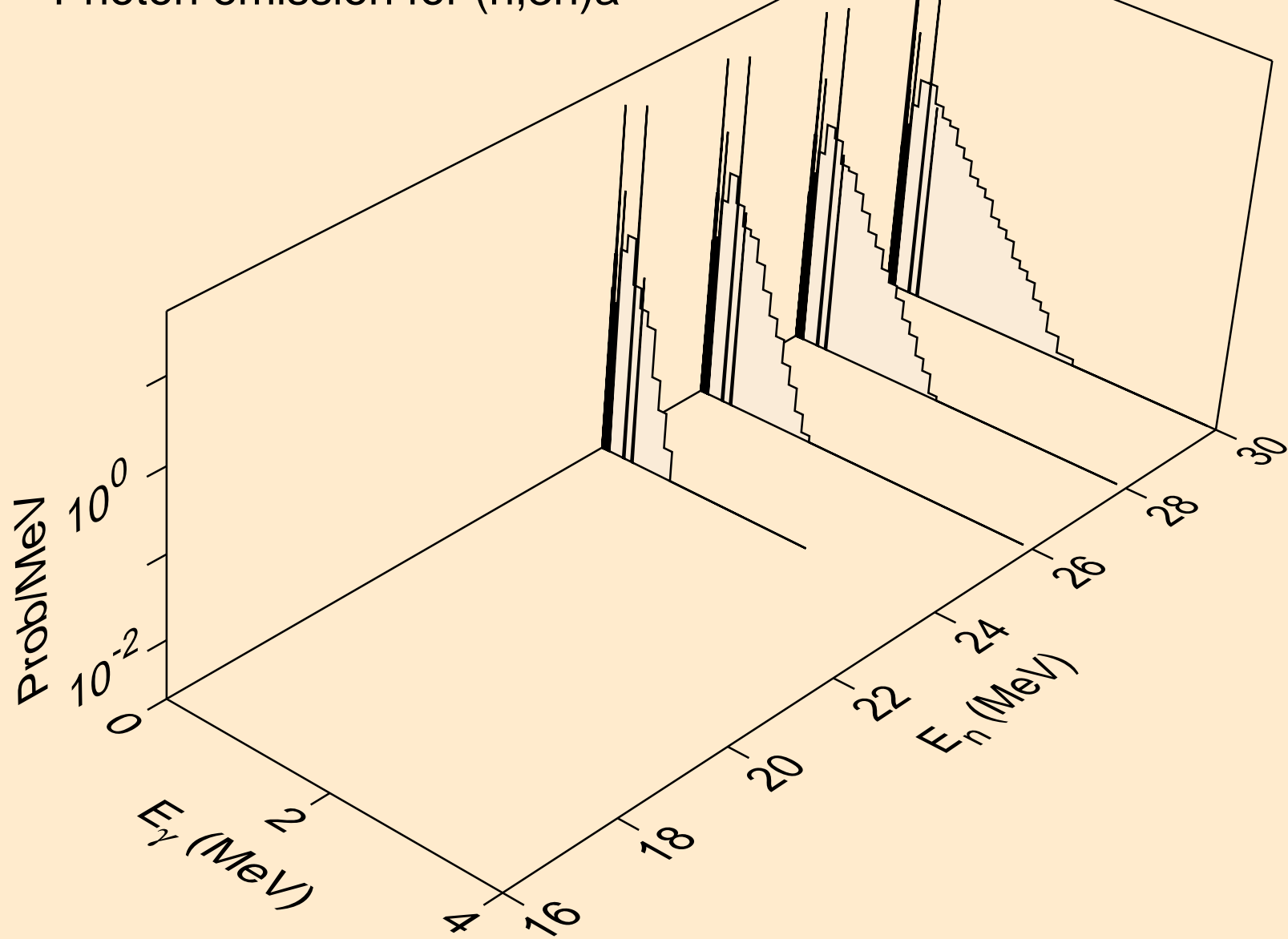
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Photon emission for (n,n\*)a



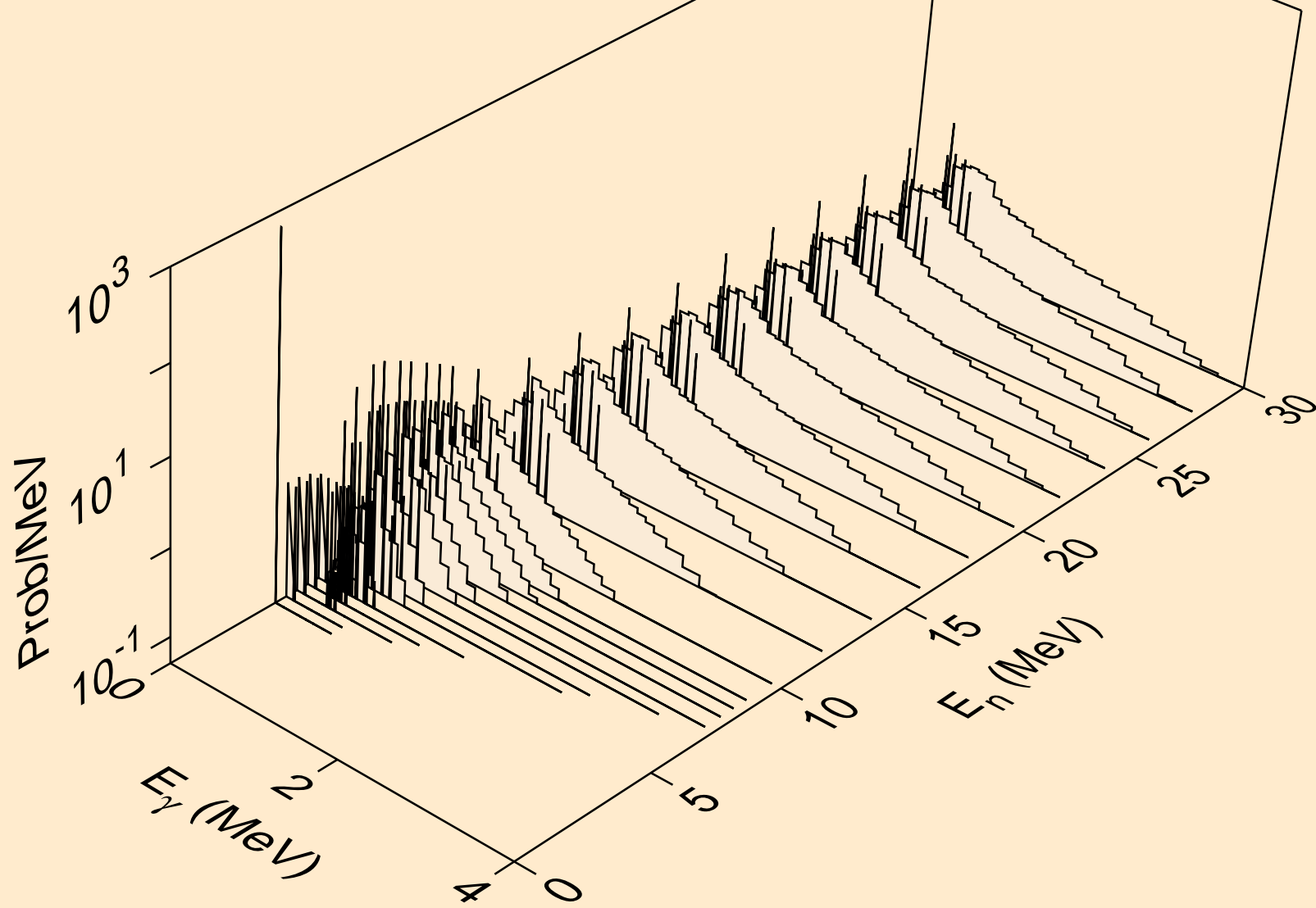
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Photon emission for (n,2n)a



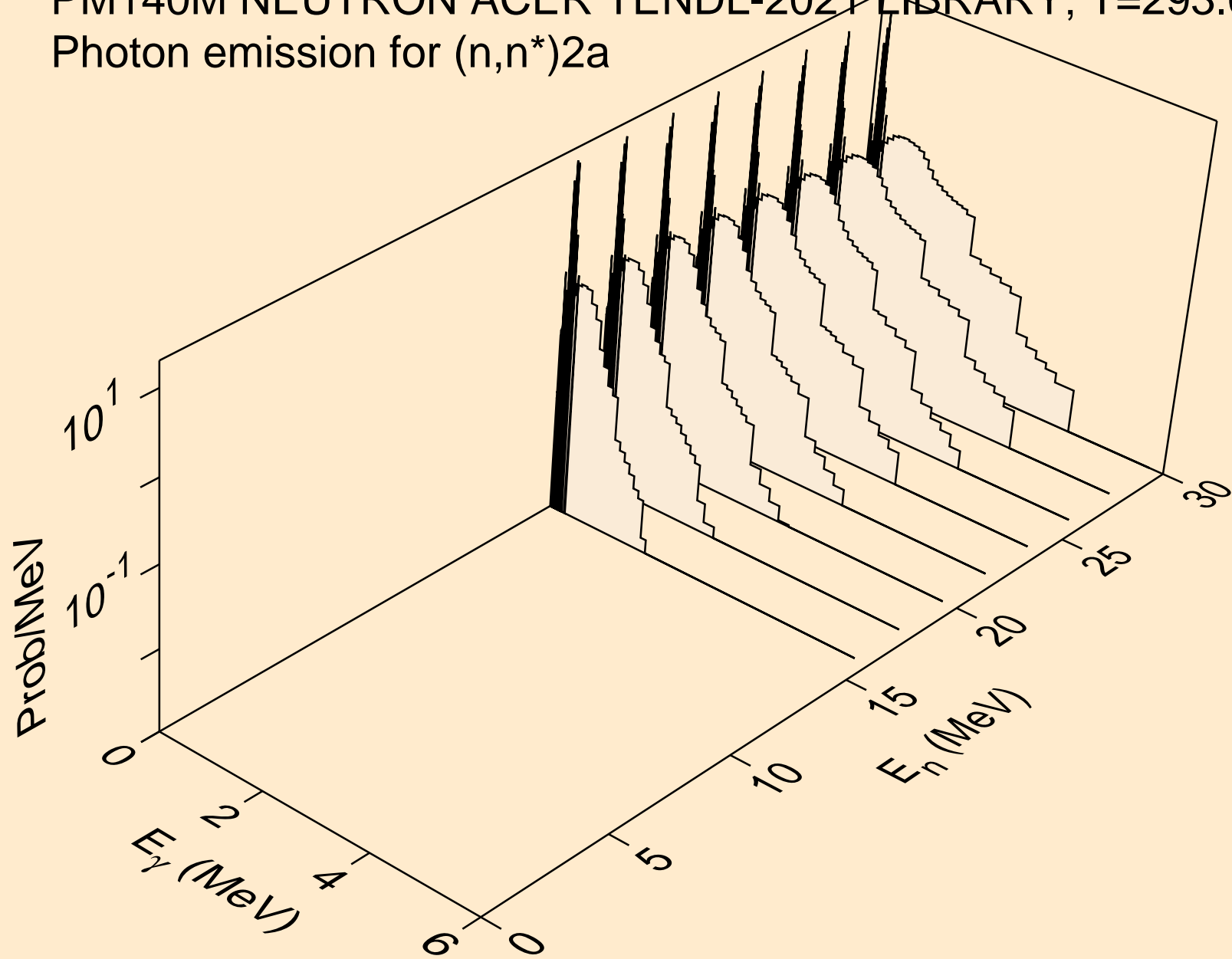
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Photon emission for (n,3n)a



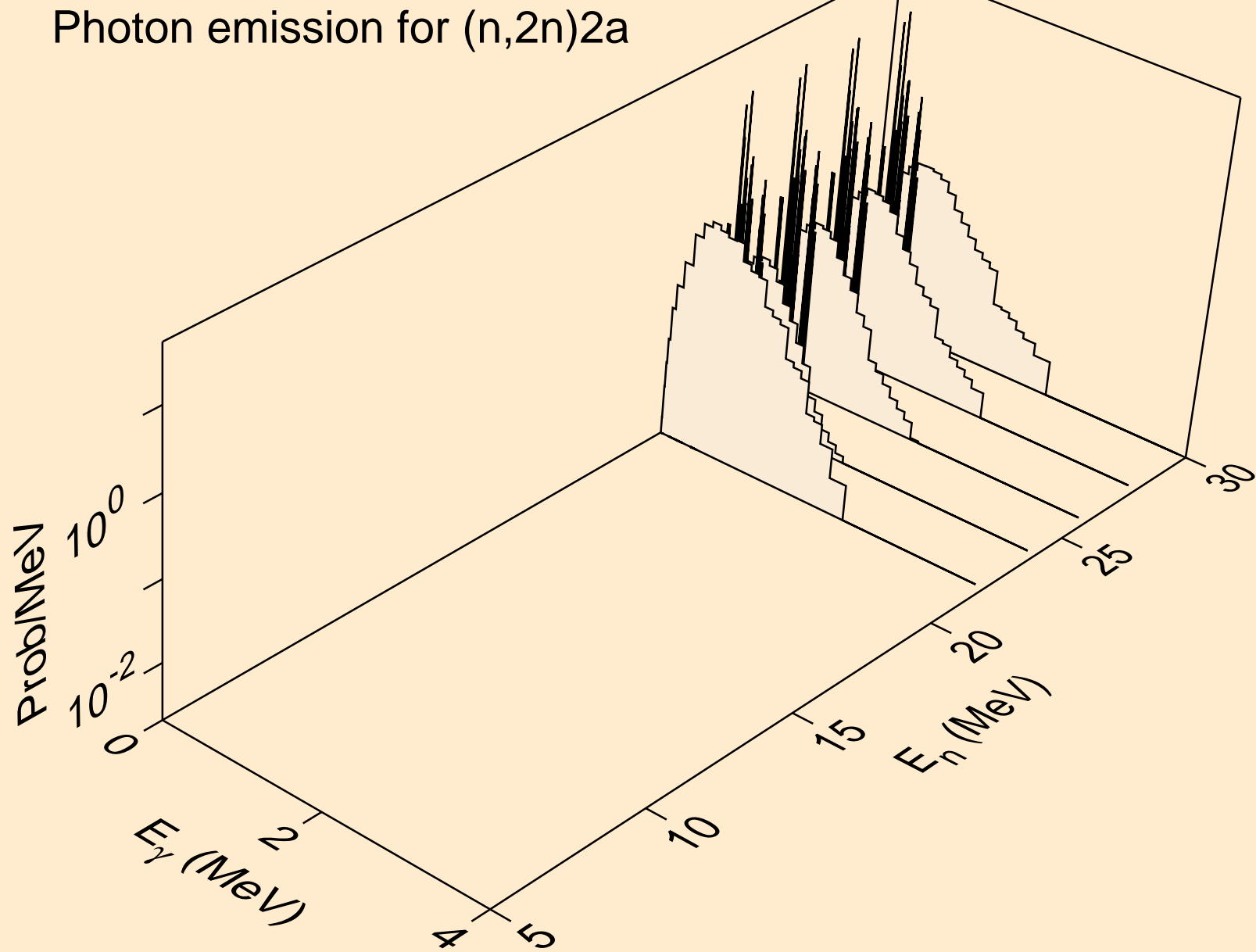
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Photon emission for (n,n\*)p



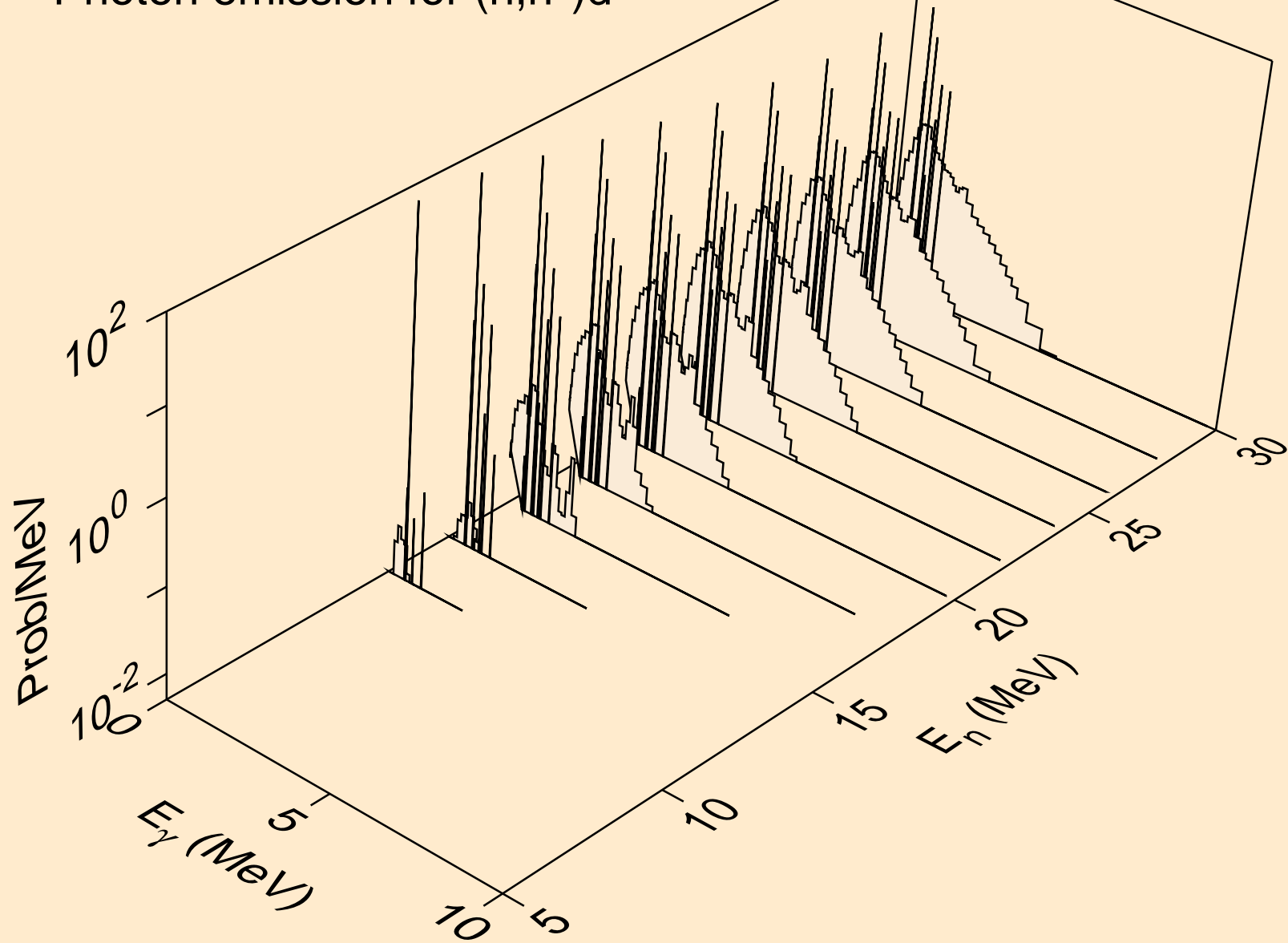
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Photon emission for (n,n\*)2a



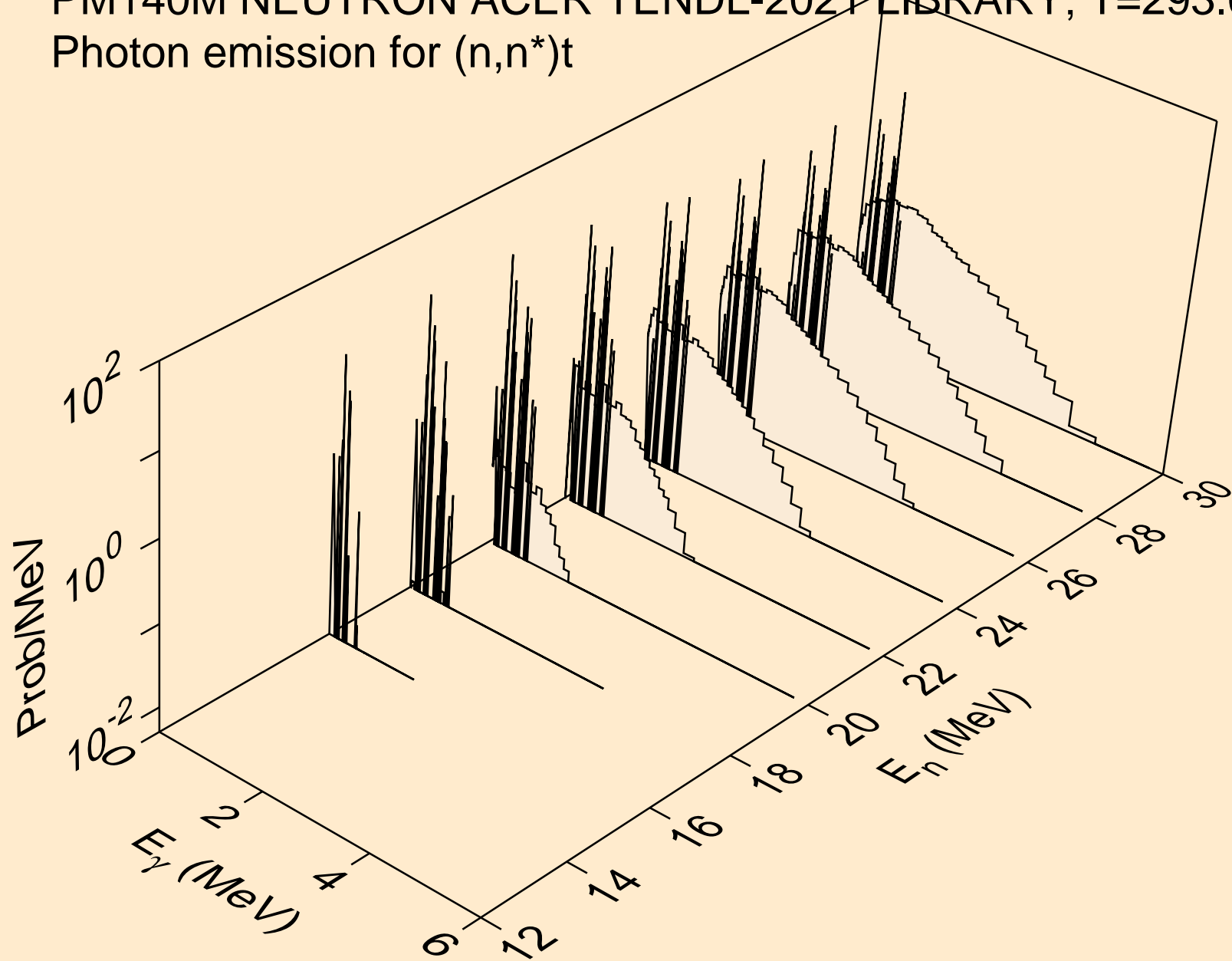
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

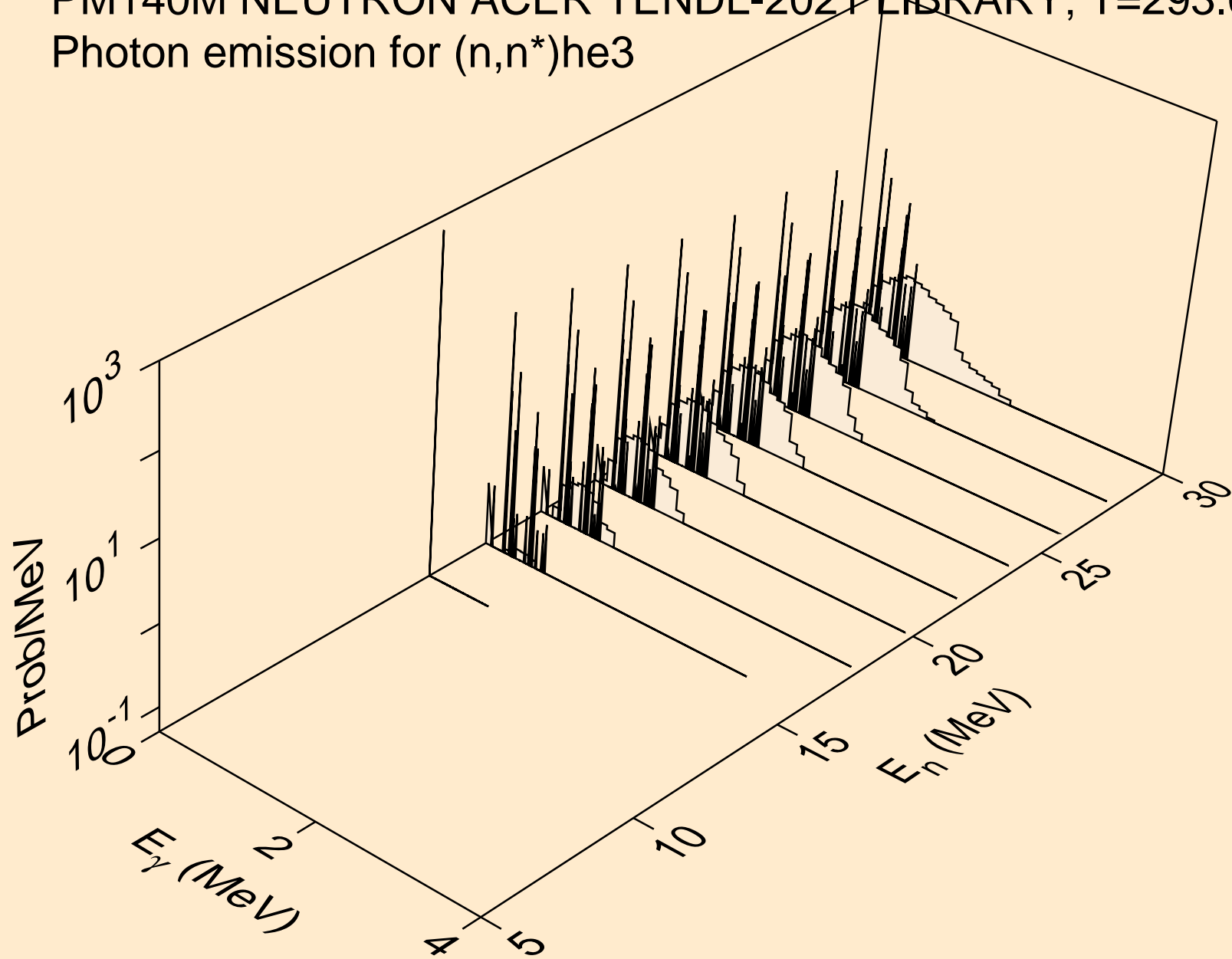


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Photon emission for (n,n\*)t

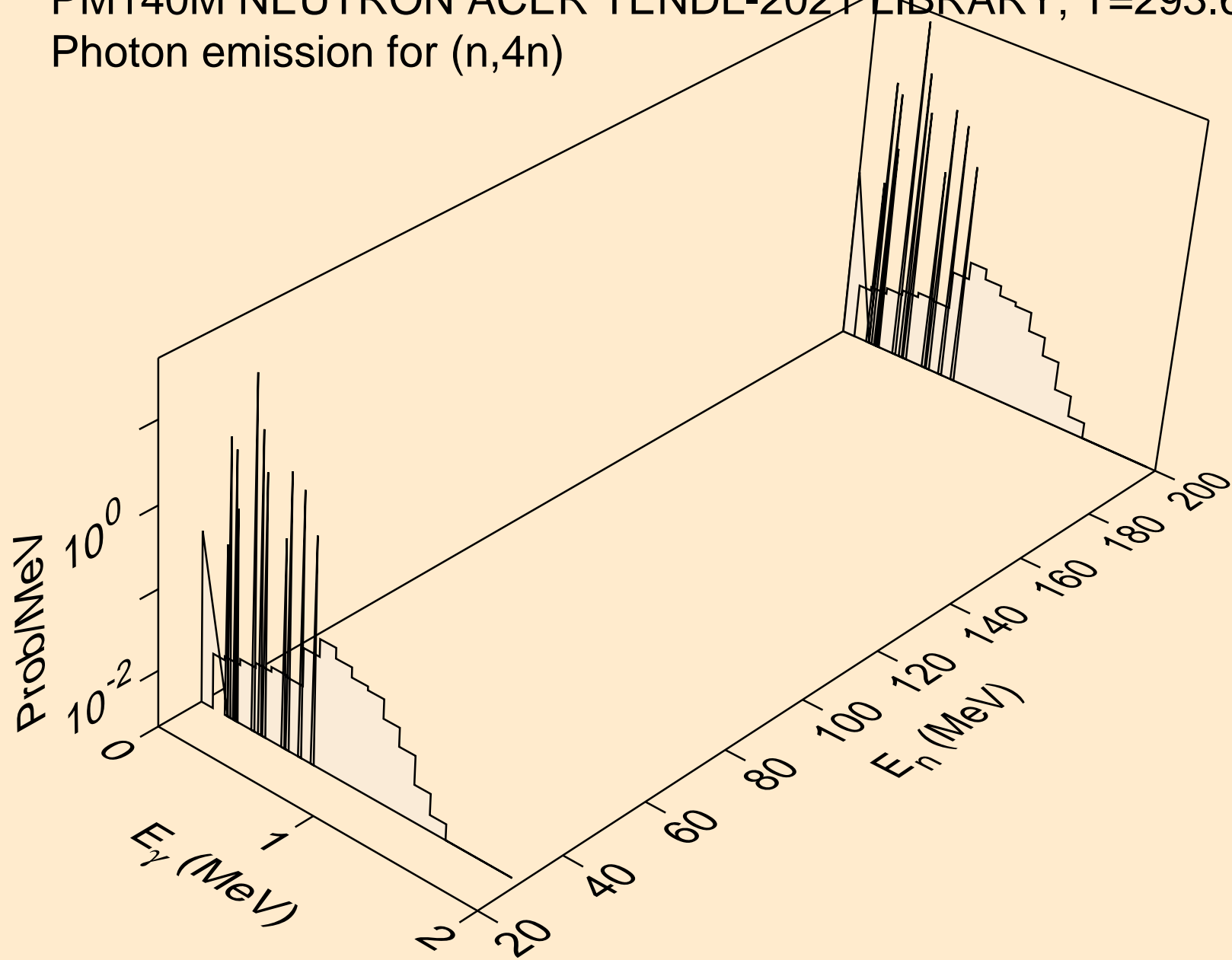




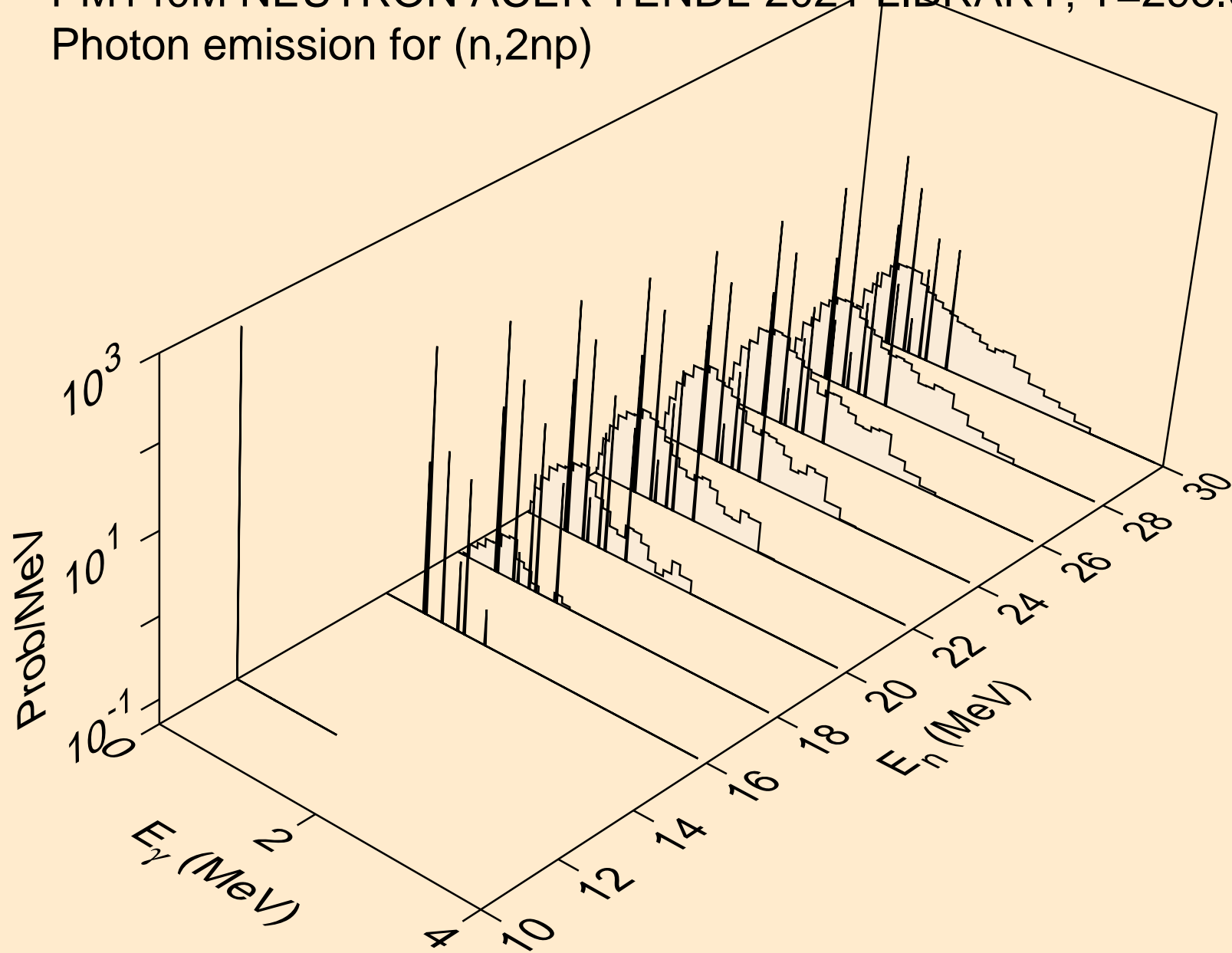
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Photon emission for (n,n\*)he3



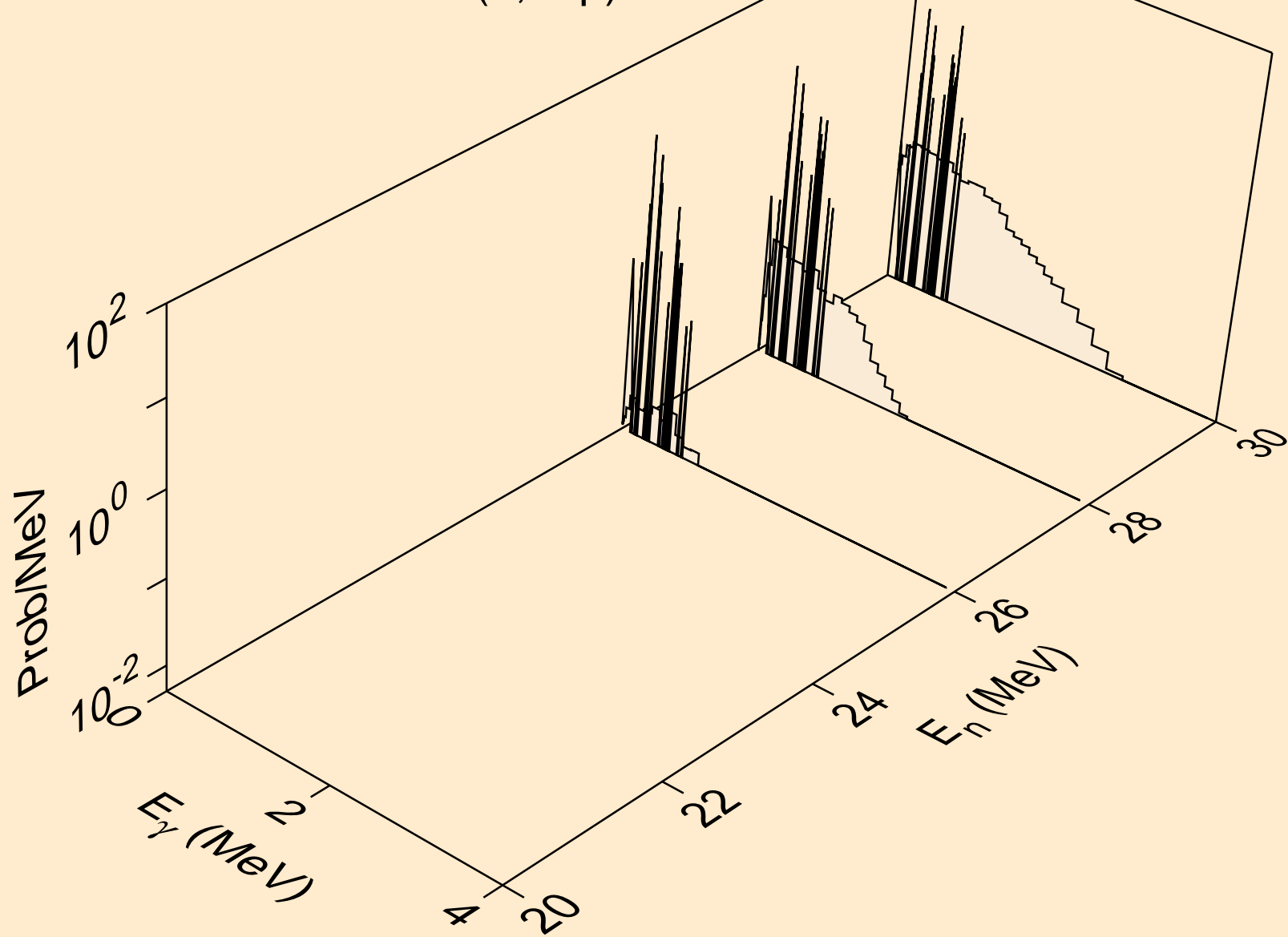
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Photon emission for (n,4n)



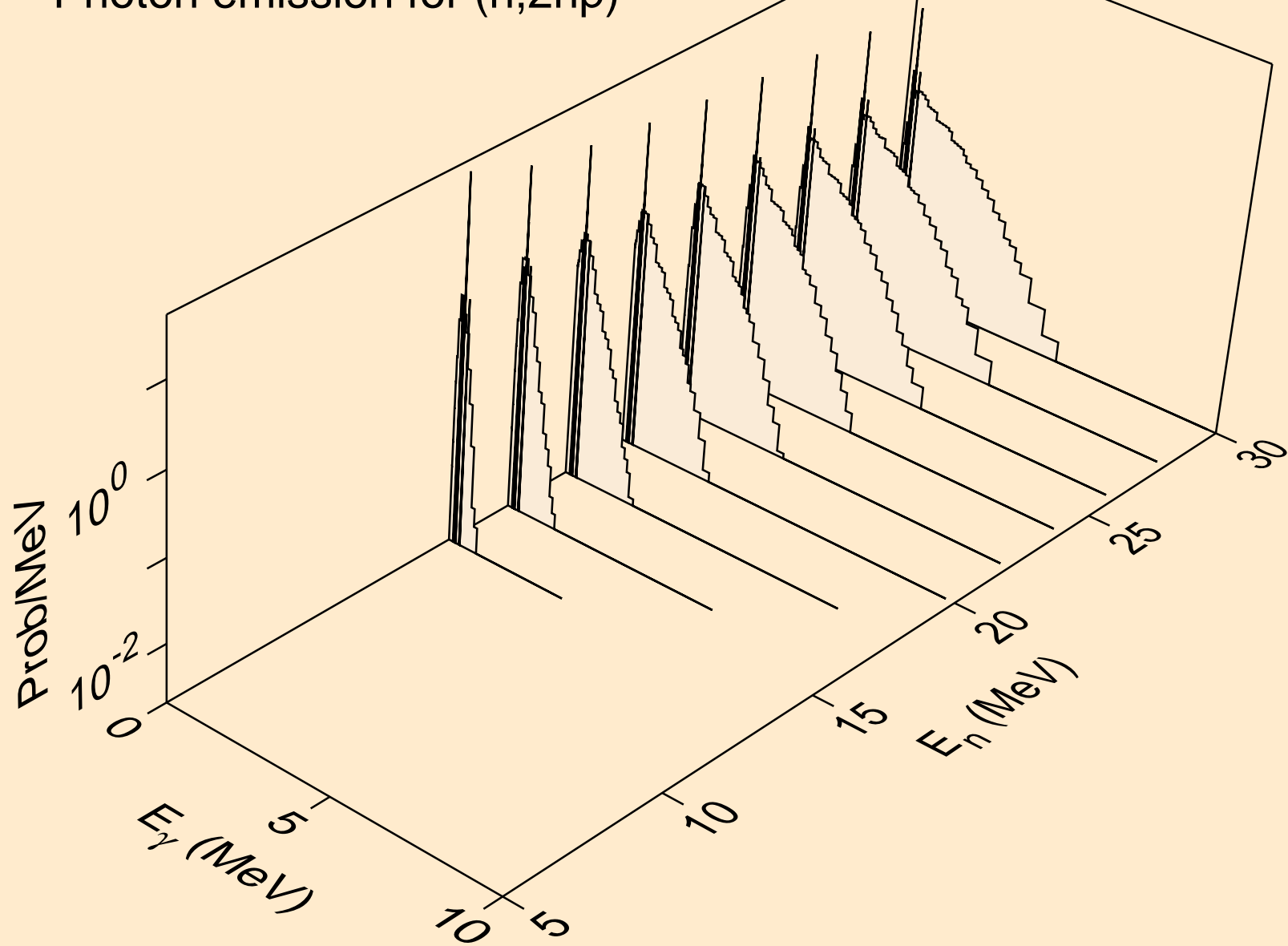
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



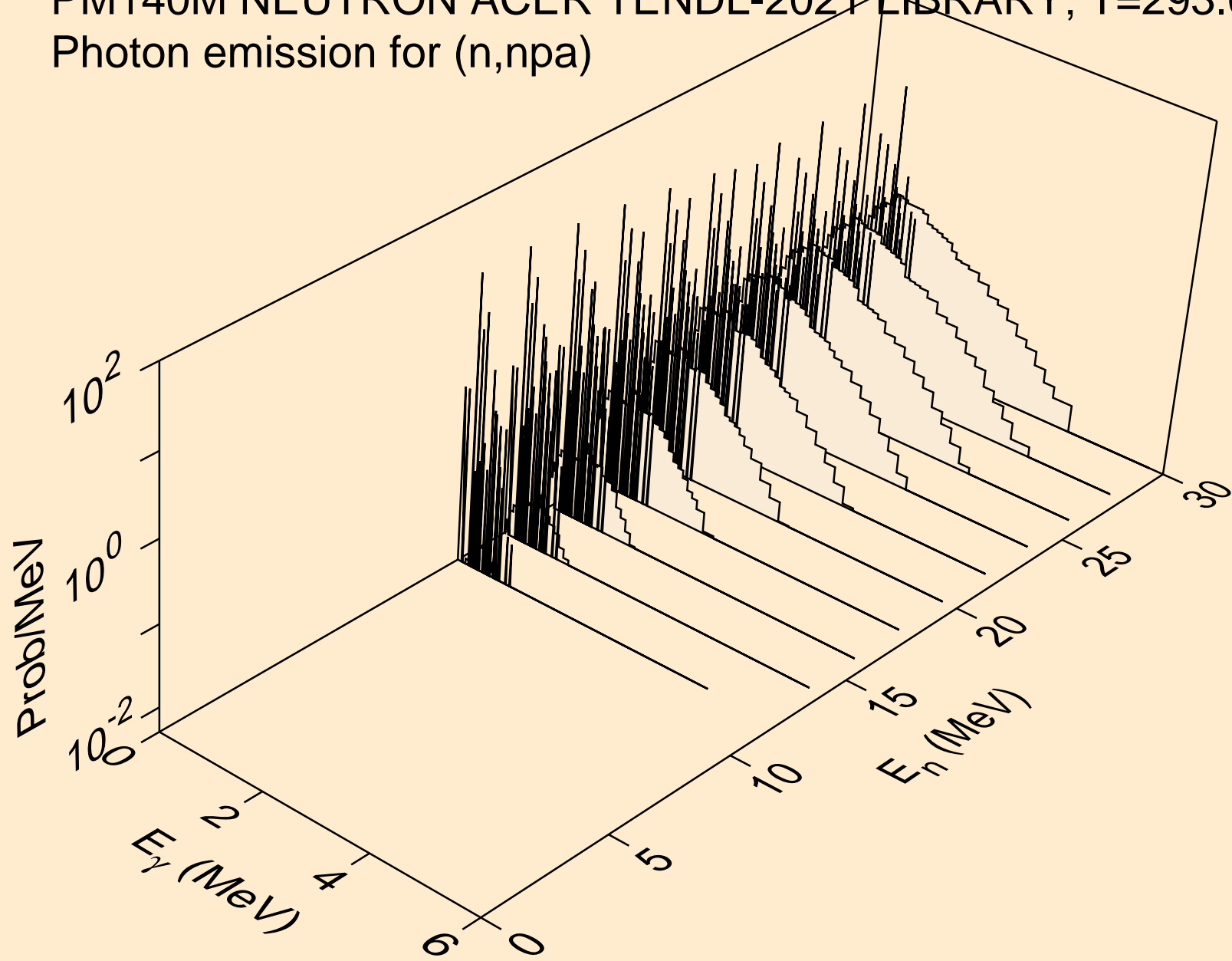
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



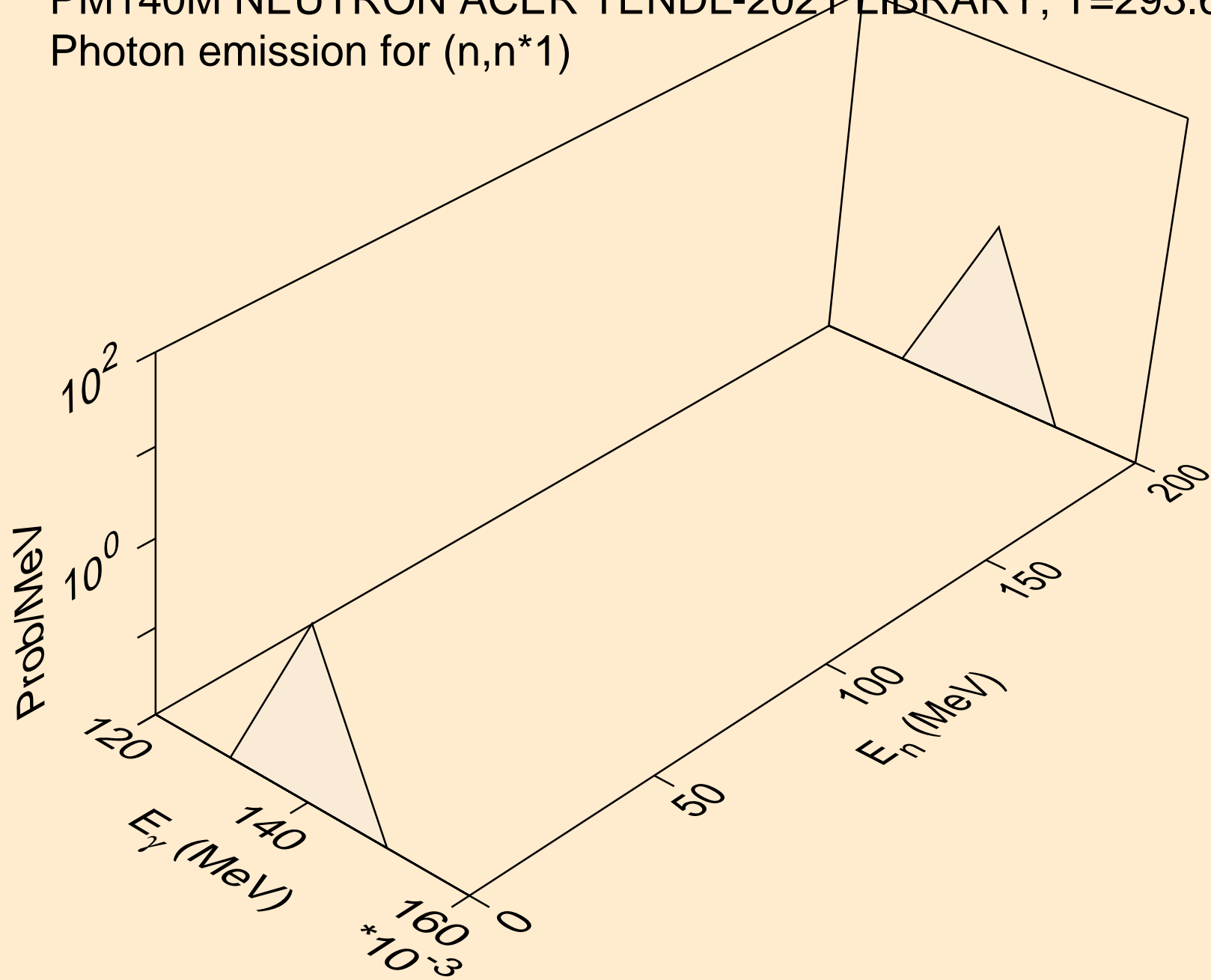
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



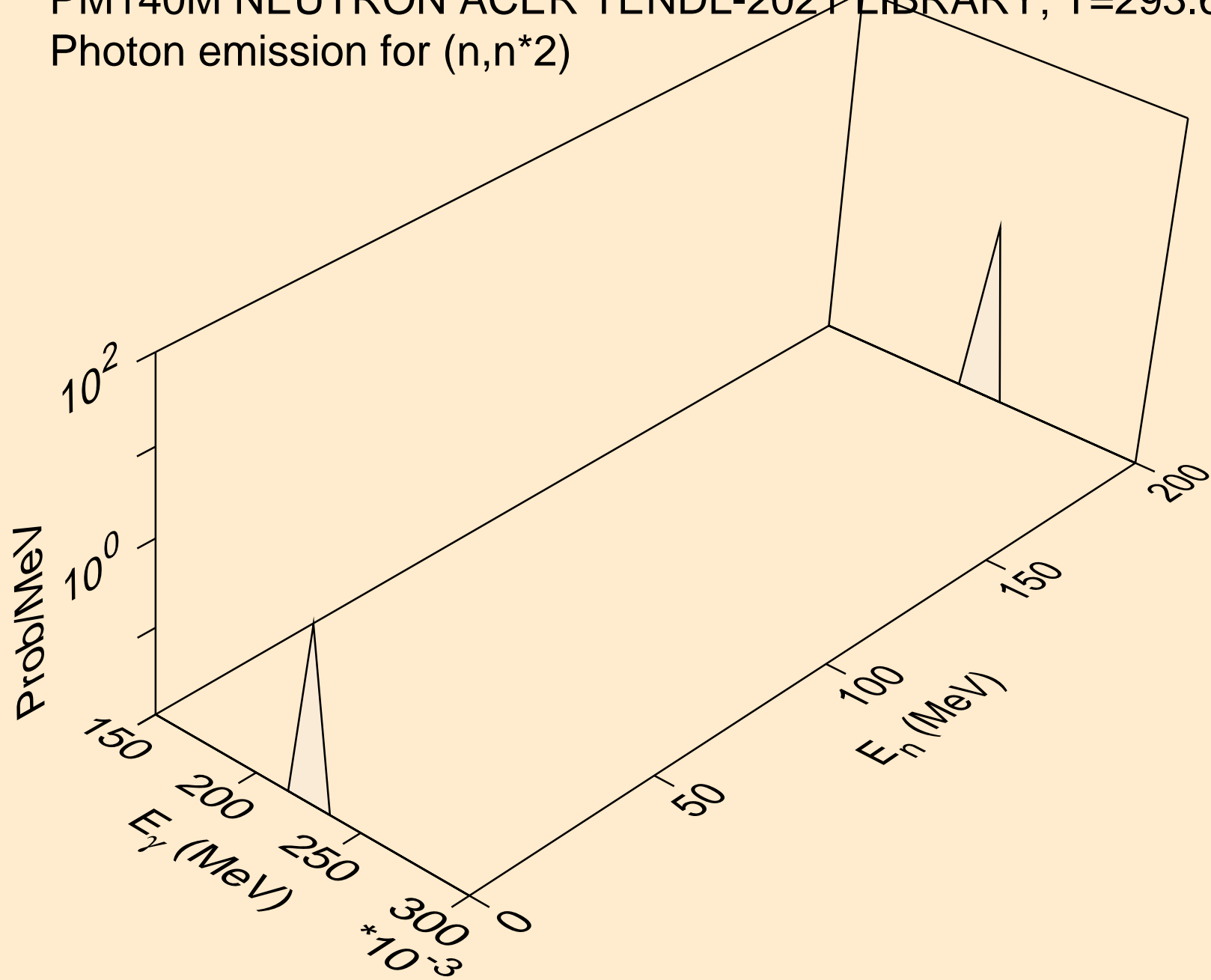
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*1)

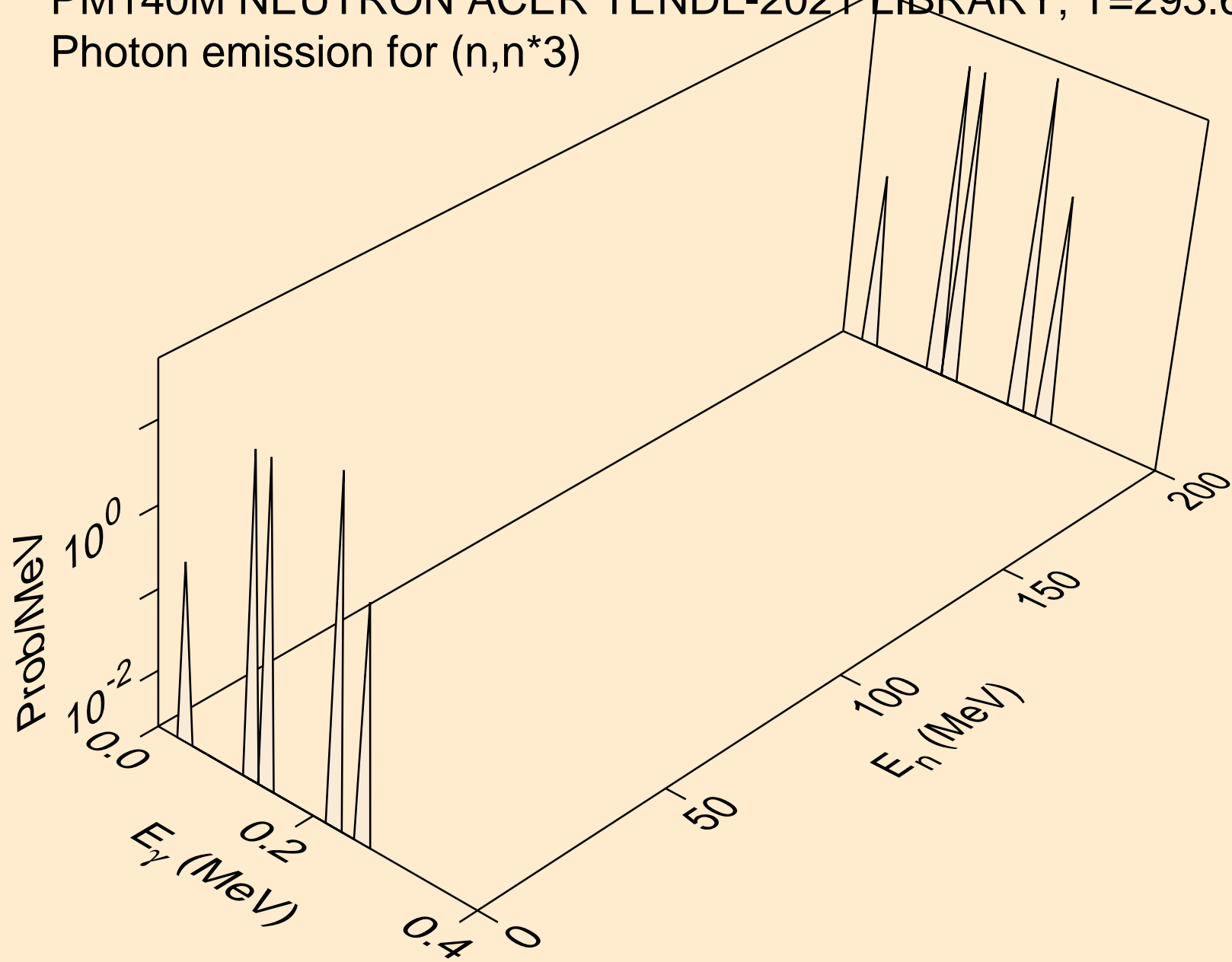


PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*2)

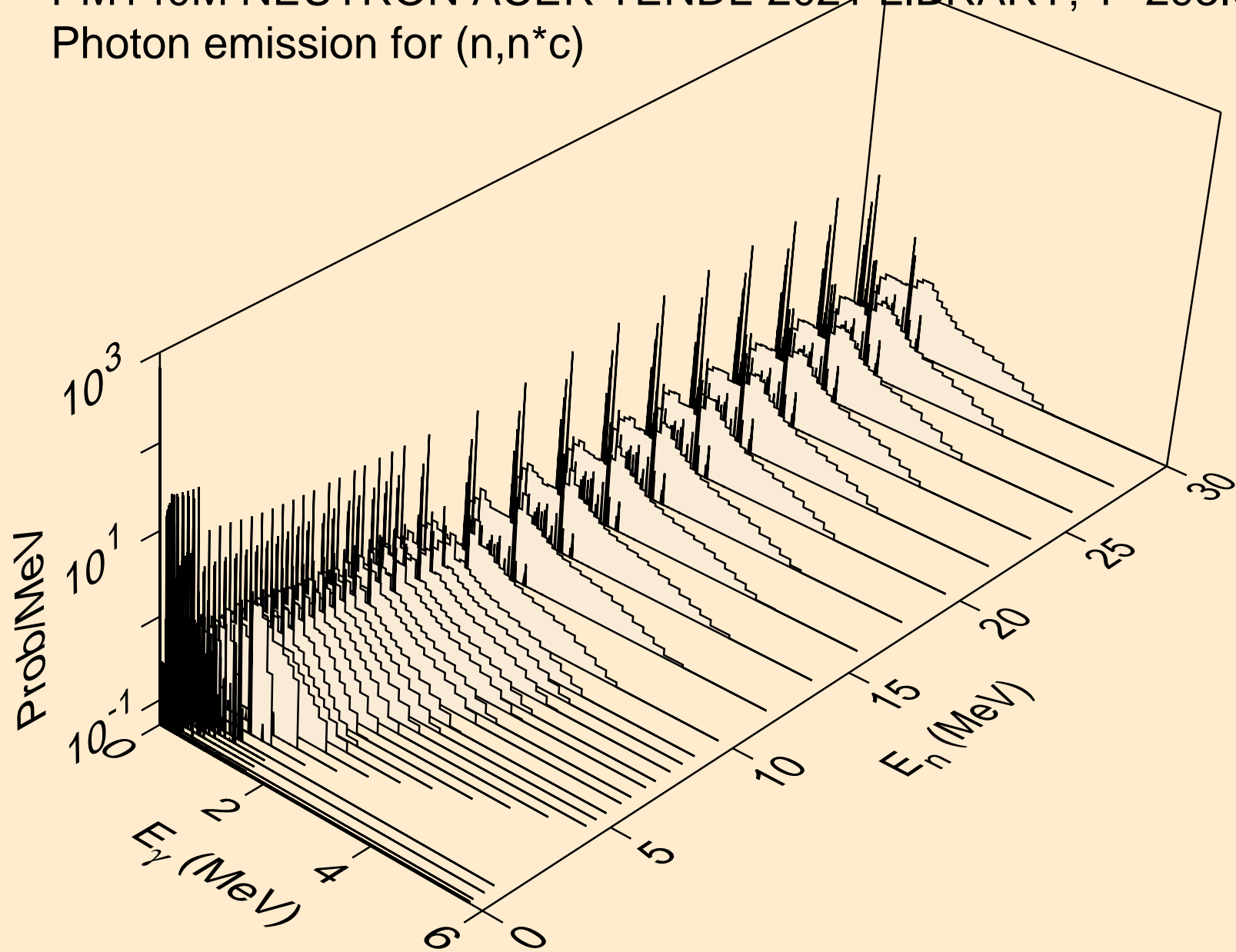




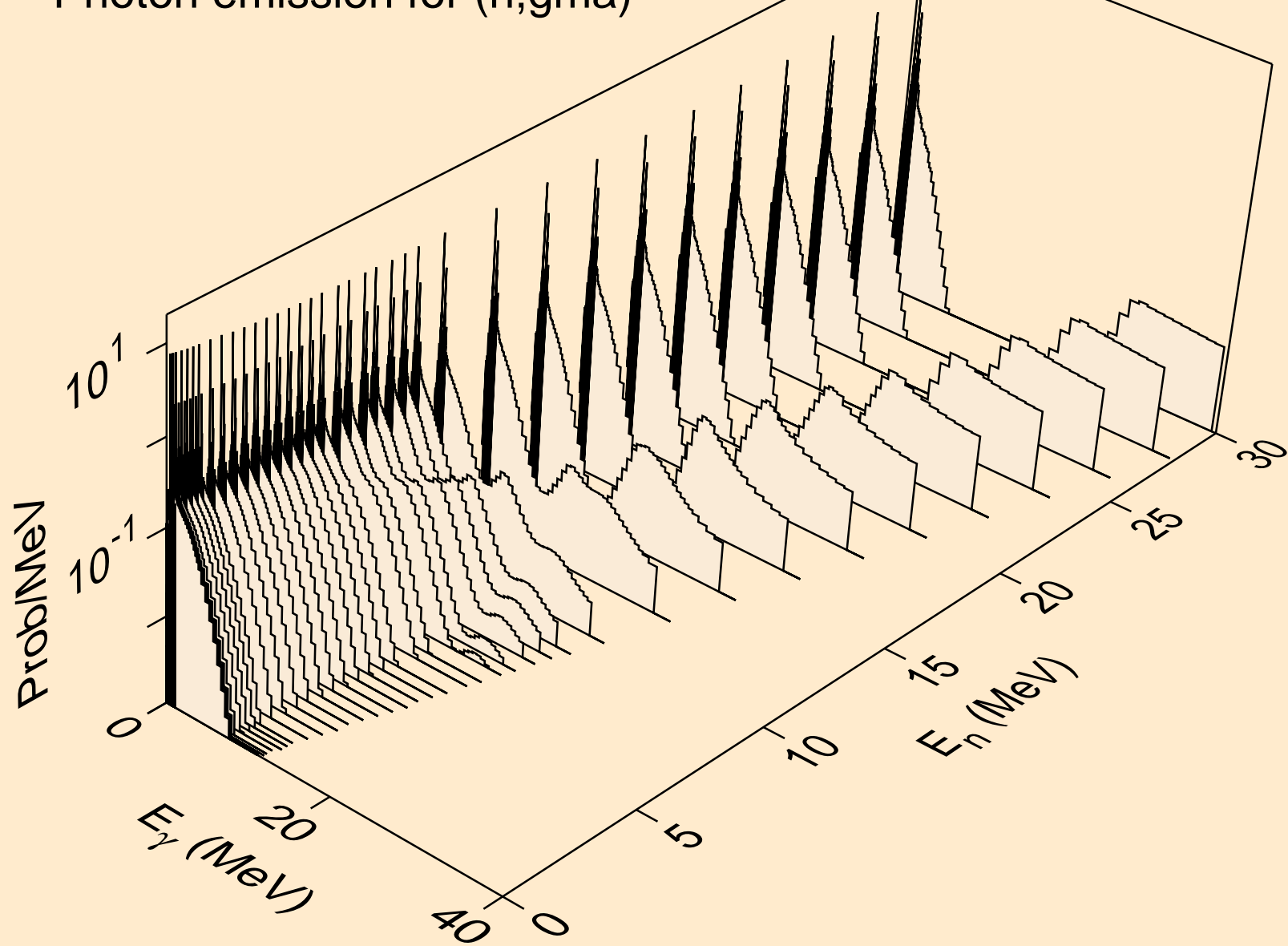
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*3)



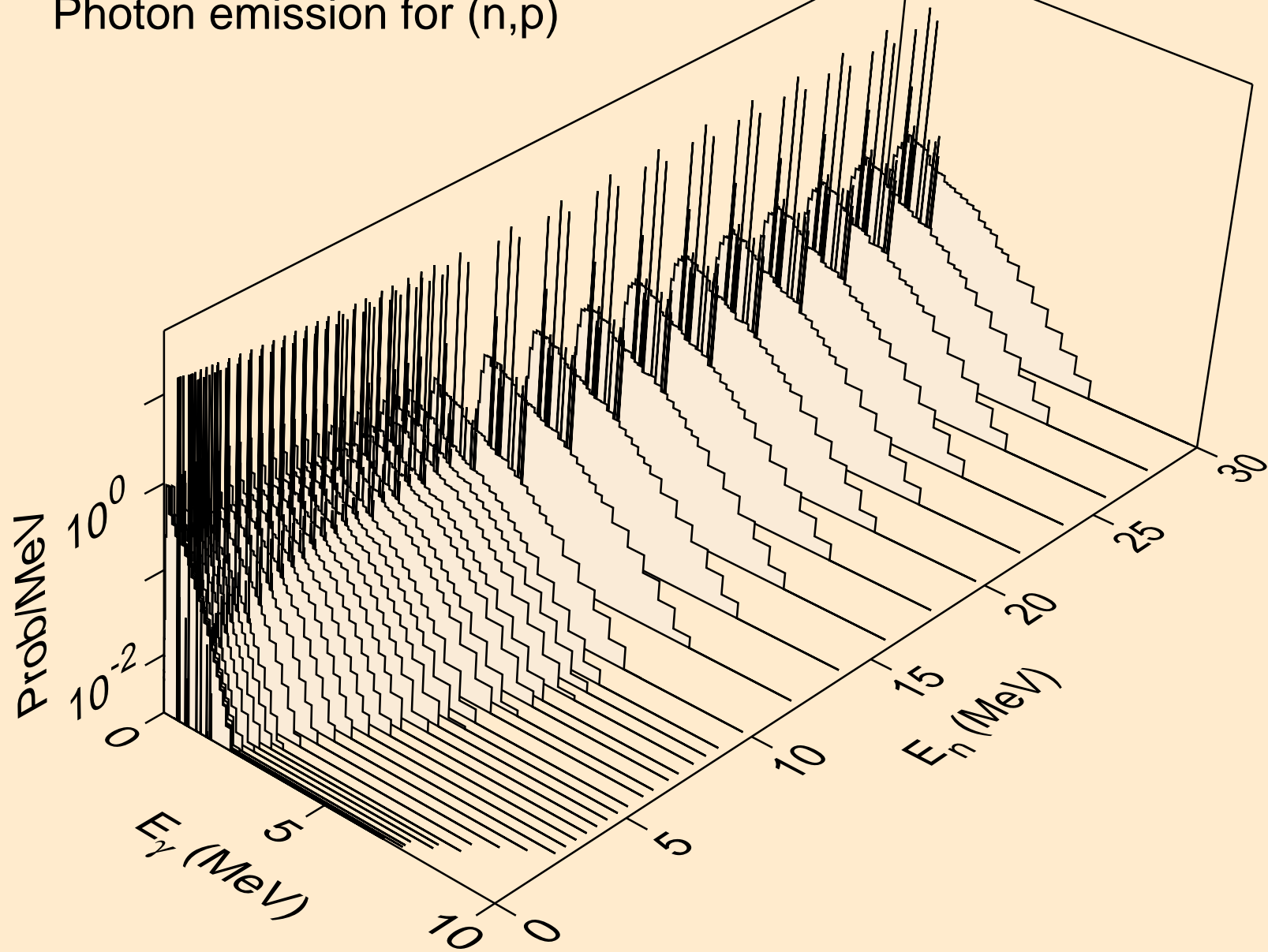
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Photon emission for (n,n\*c)



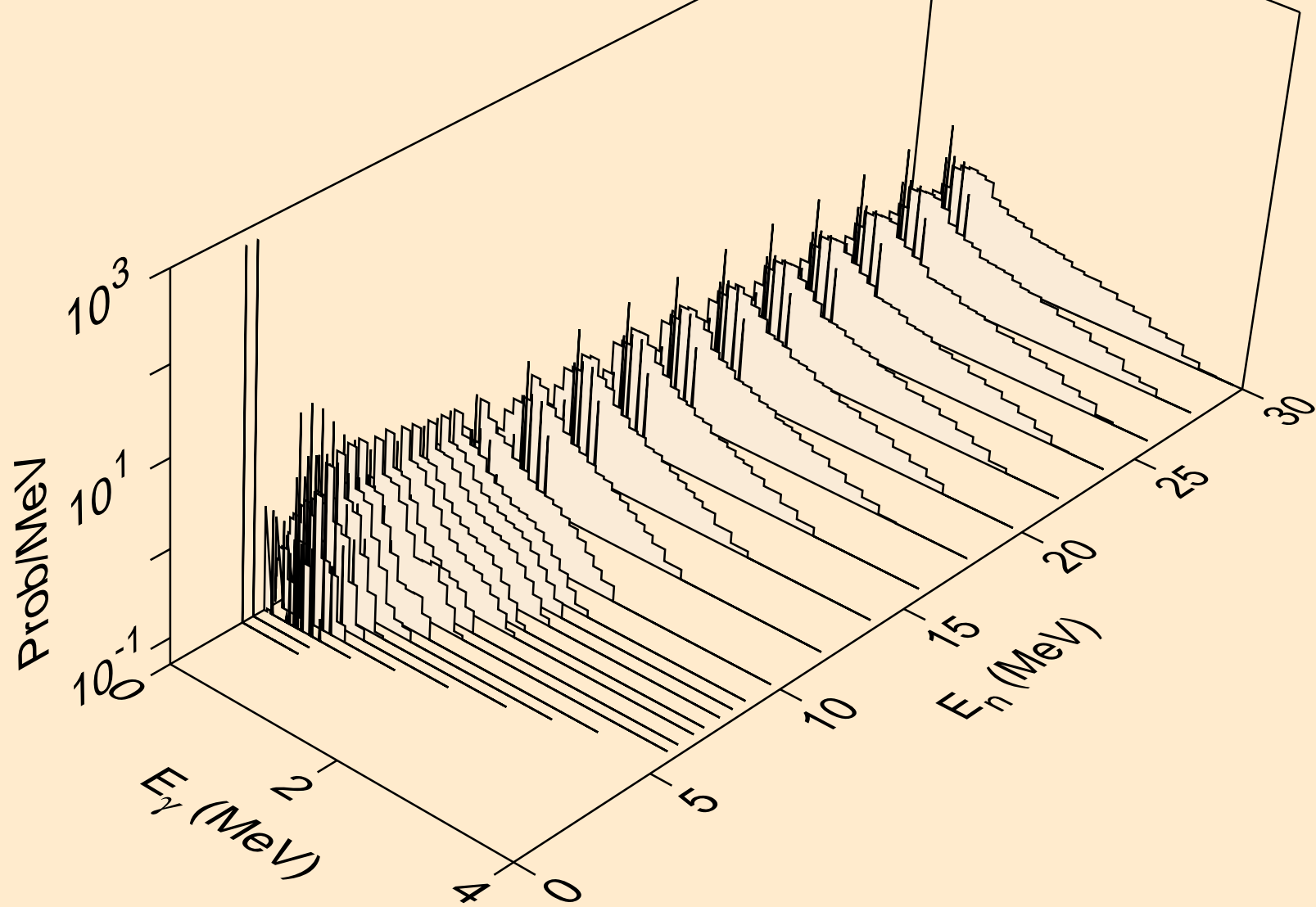
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Photon emission for (n,gma)



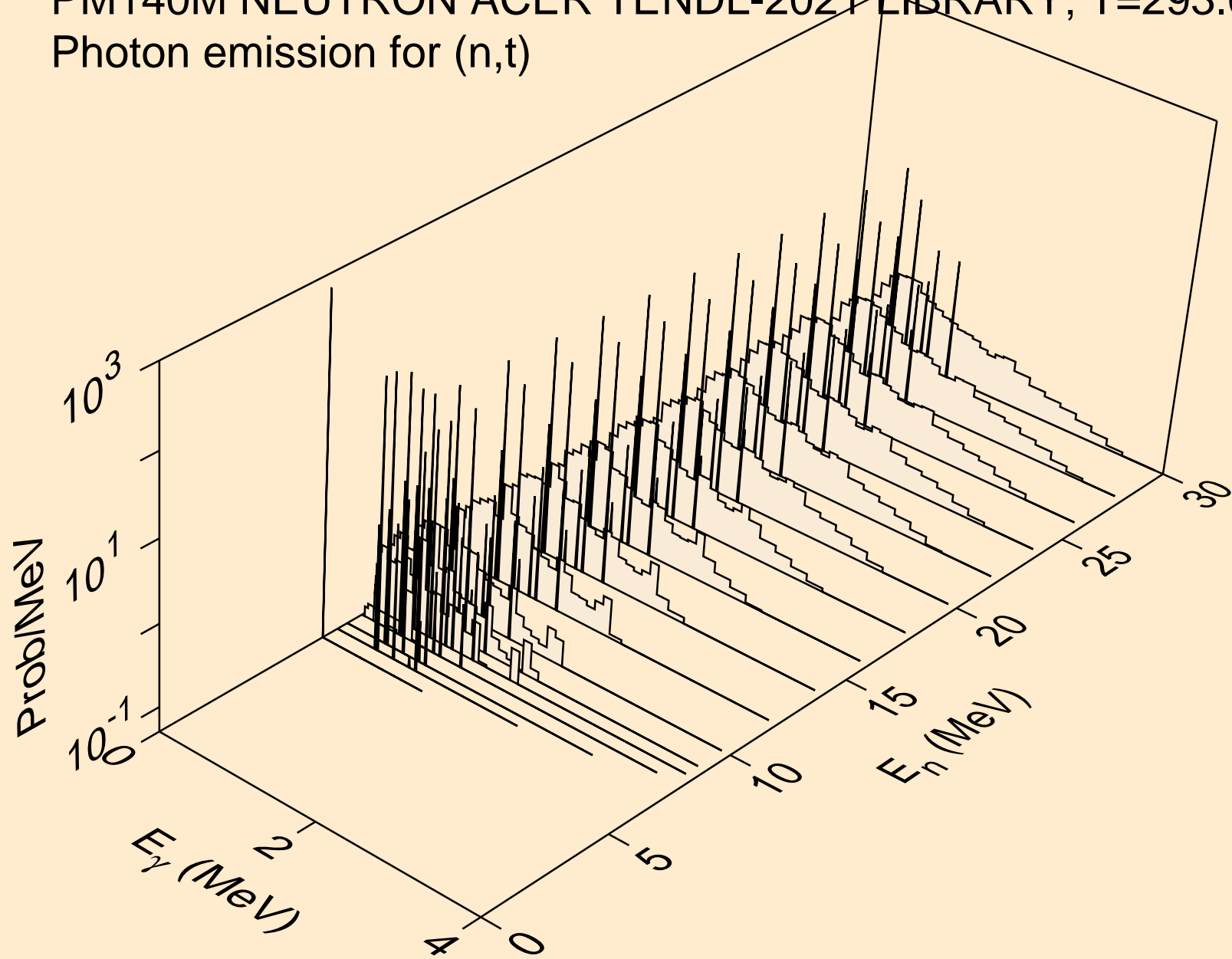
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



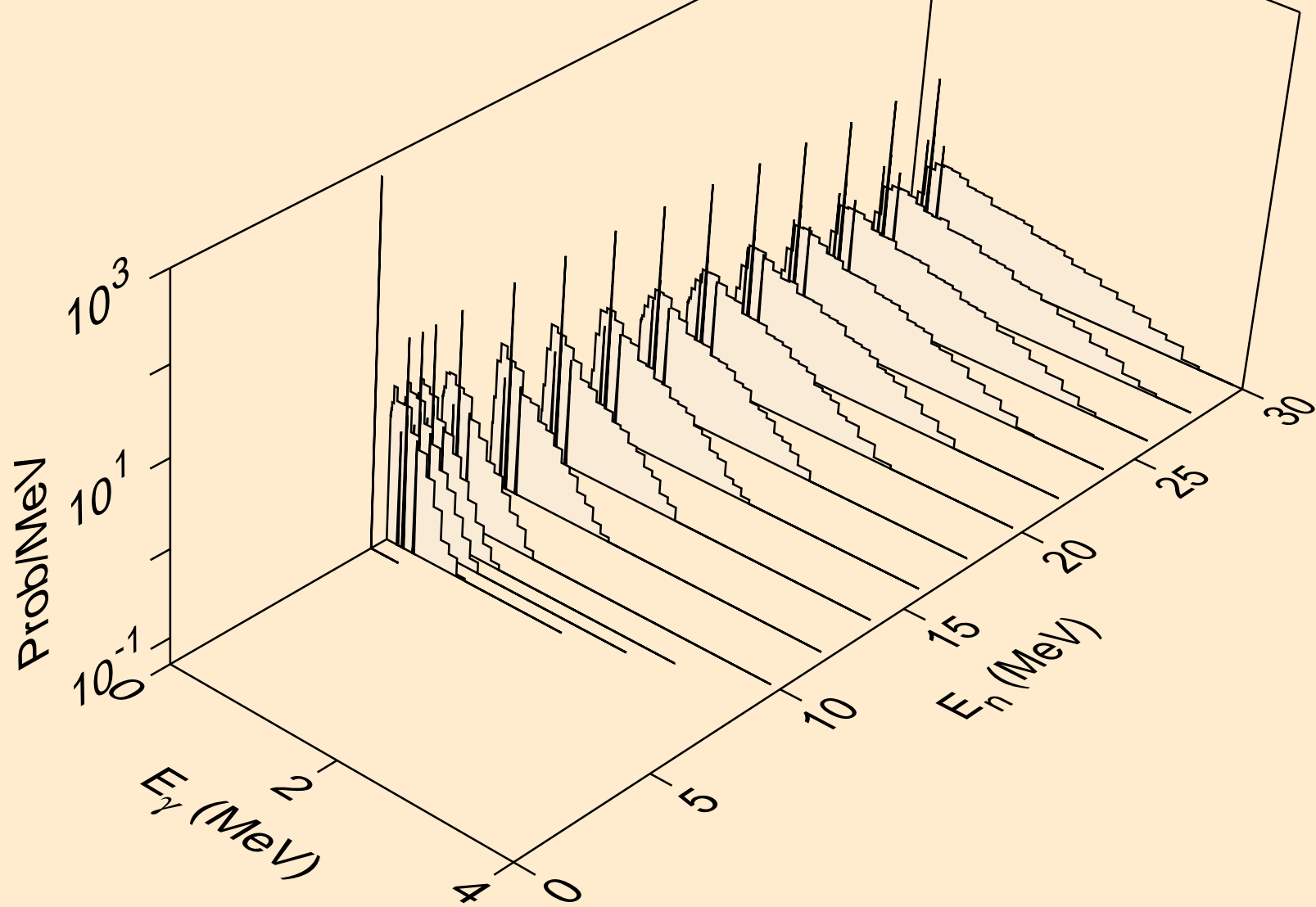
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



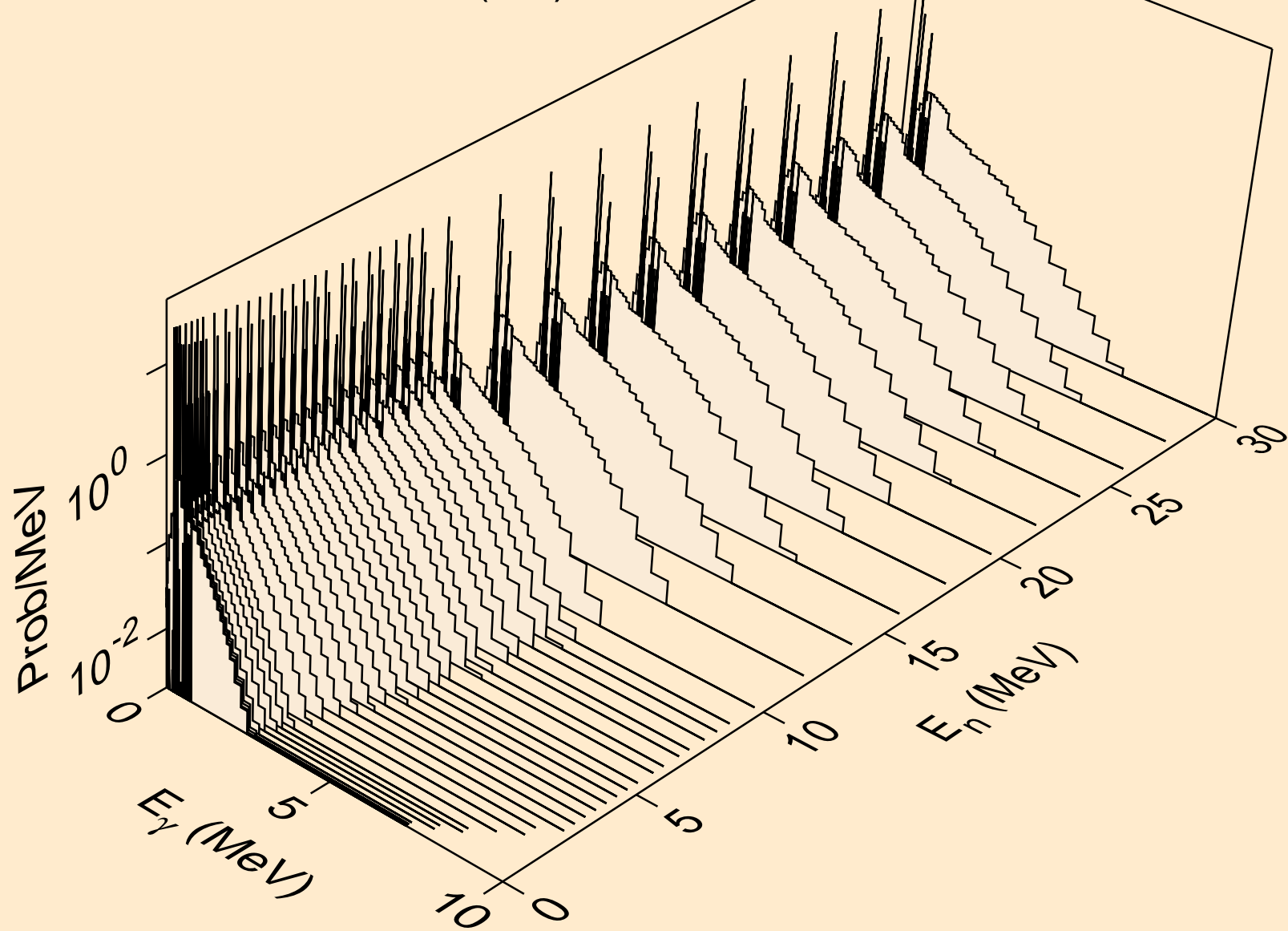
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

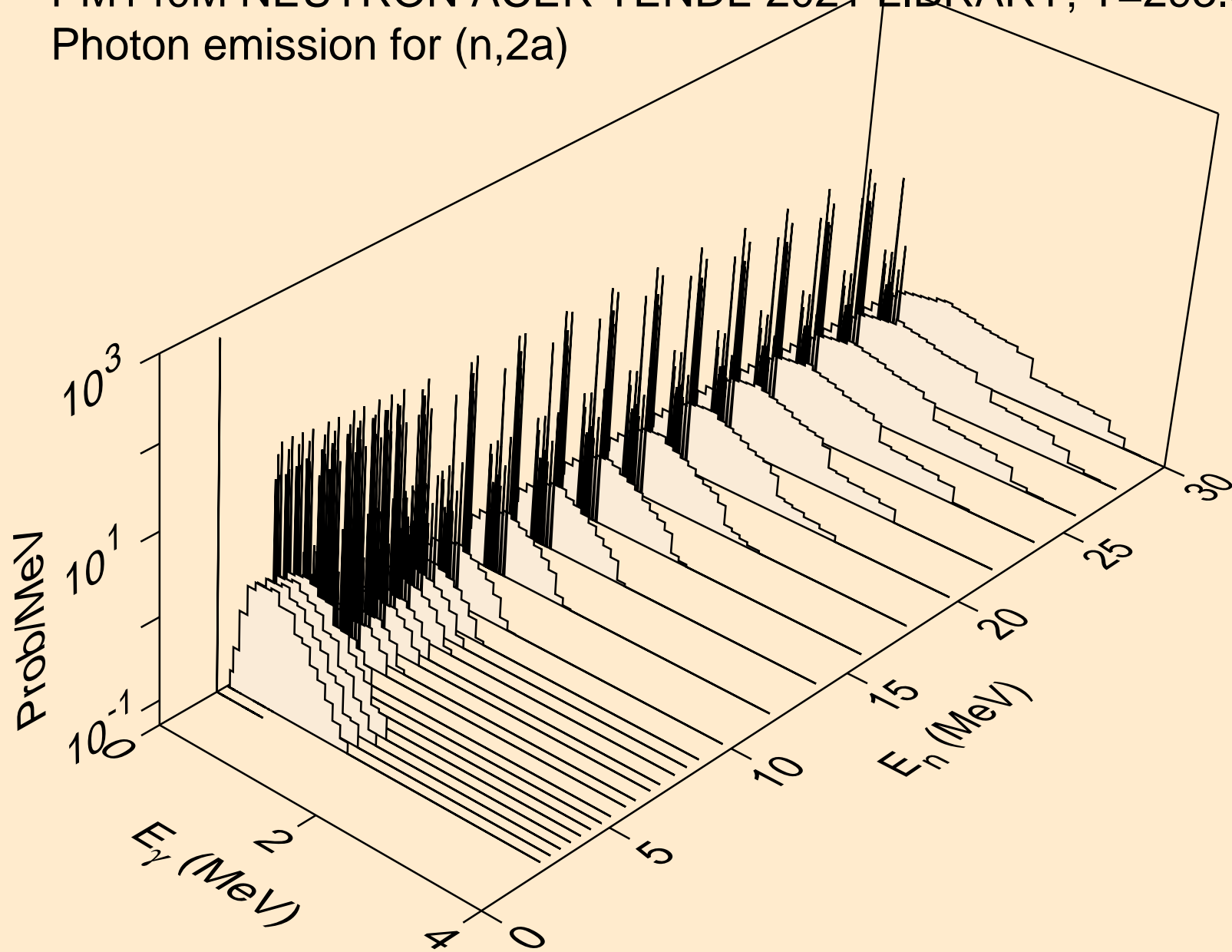


PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

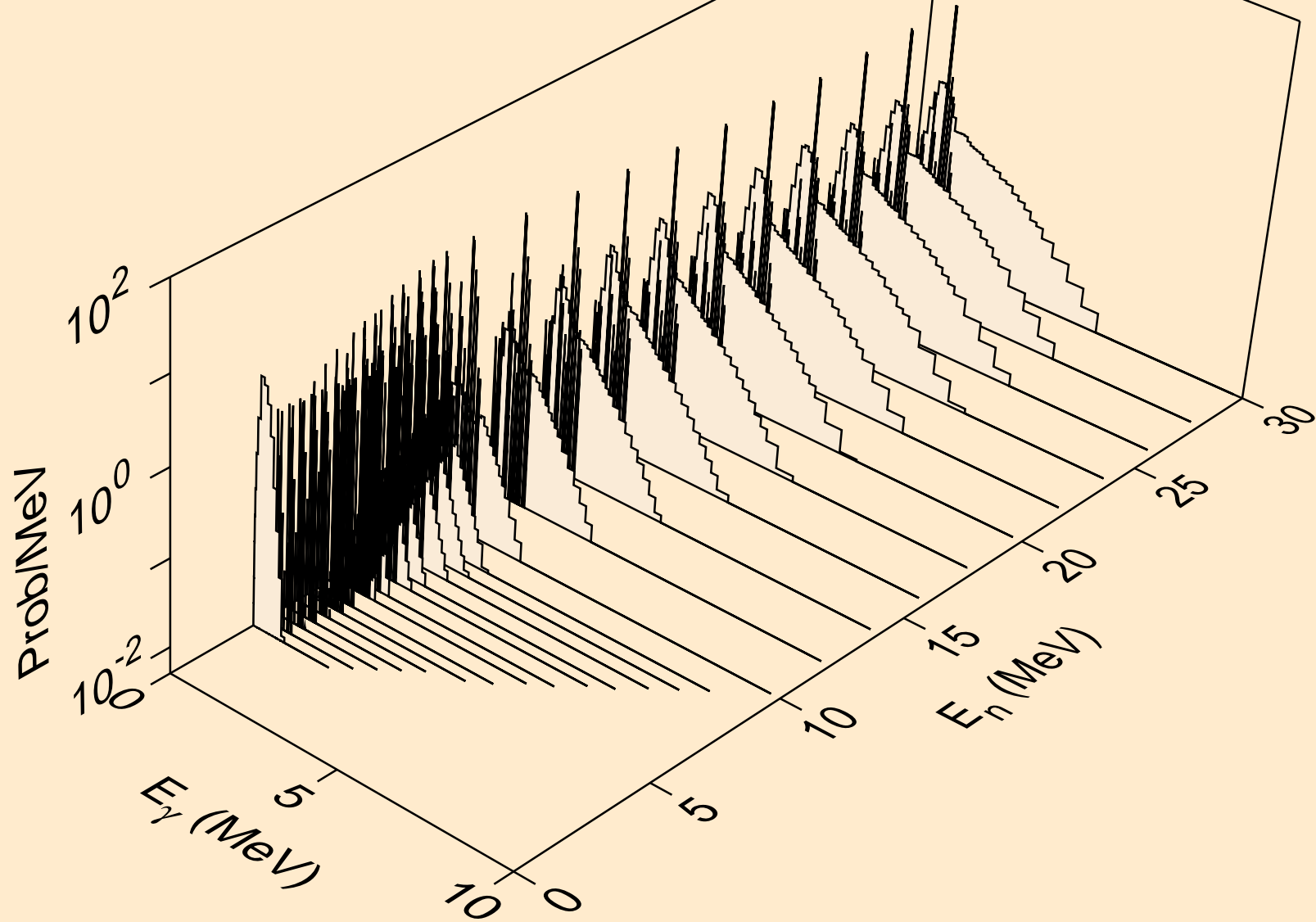




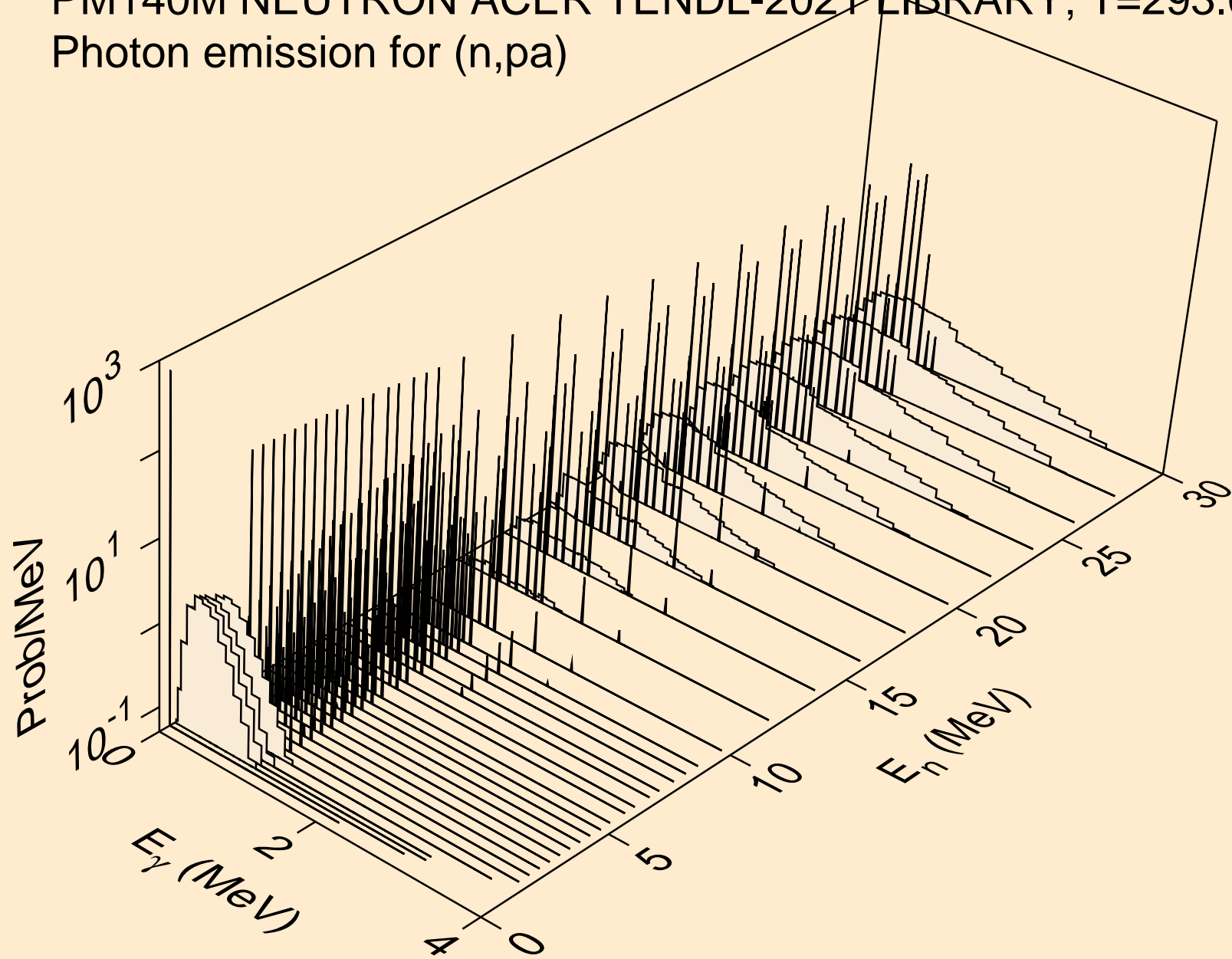
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



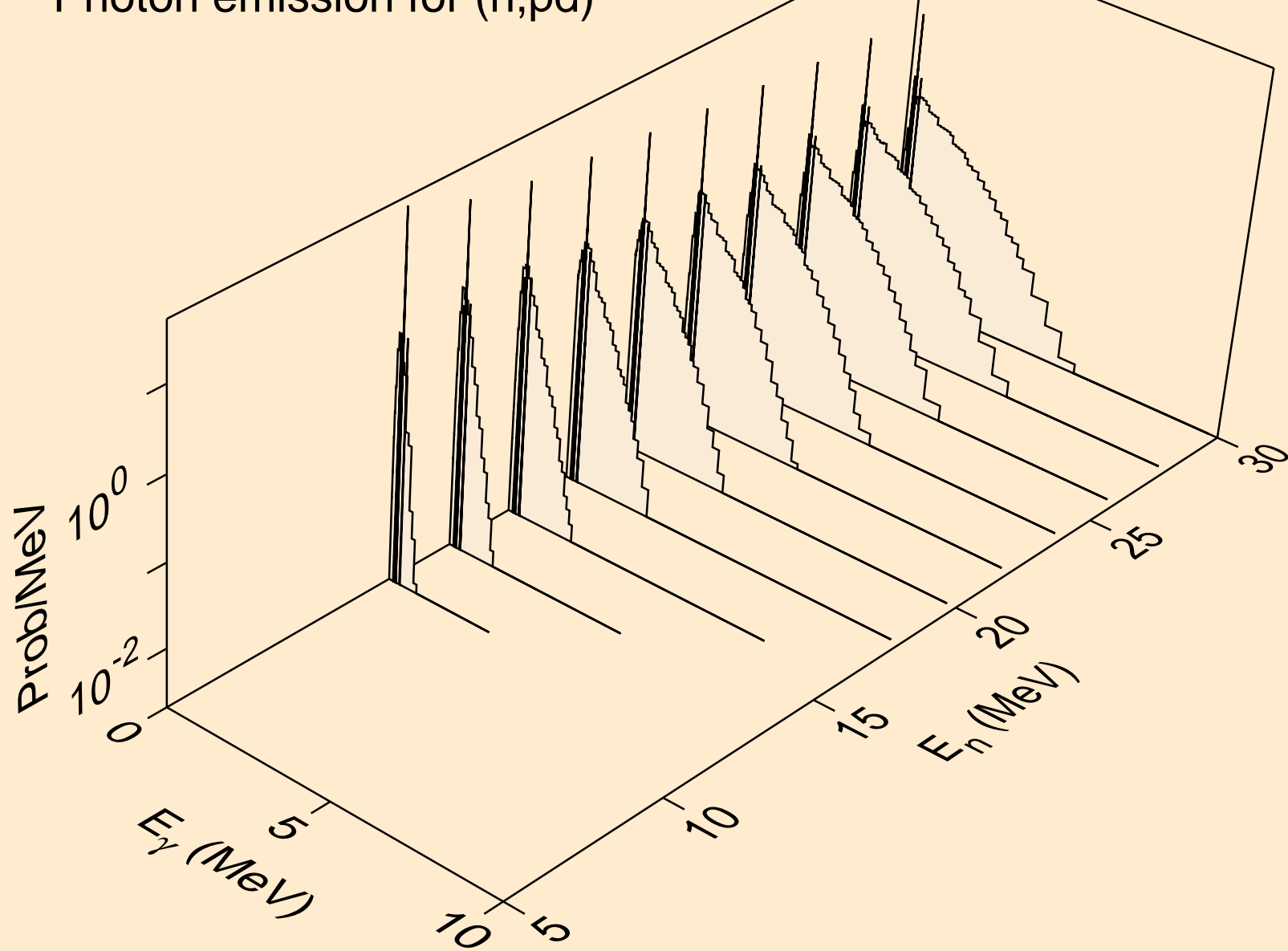
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Photon emission for (n,2p)



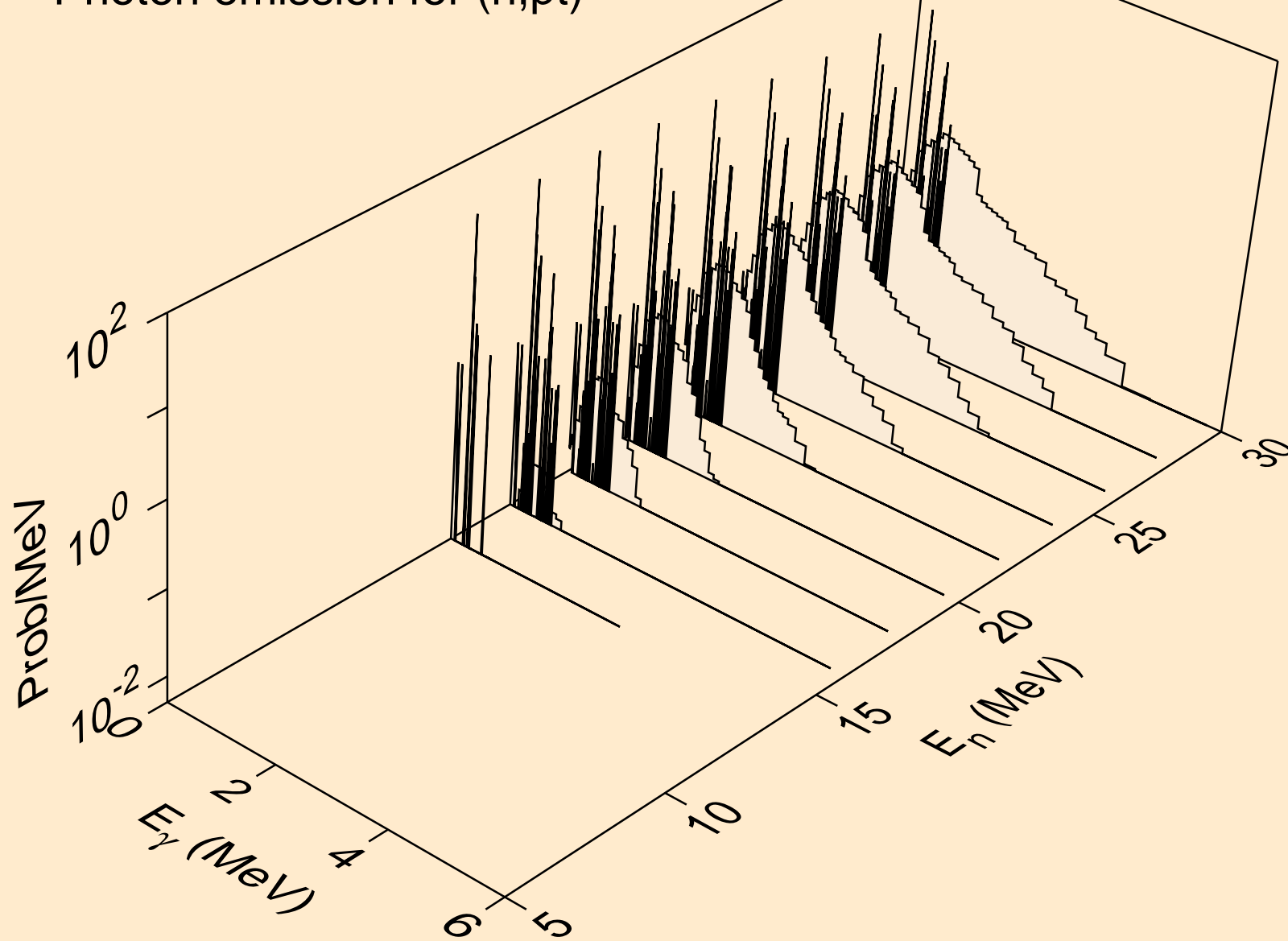
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Photon emission for (n,p)



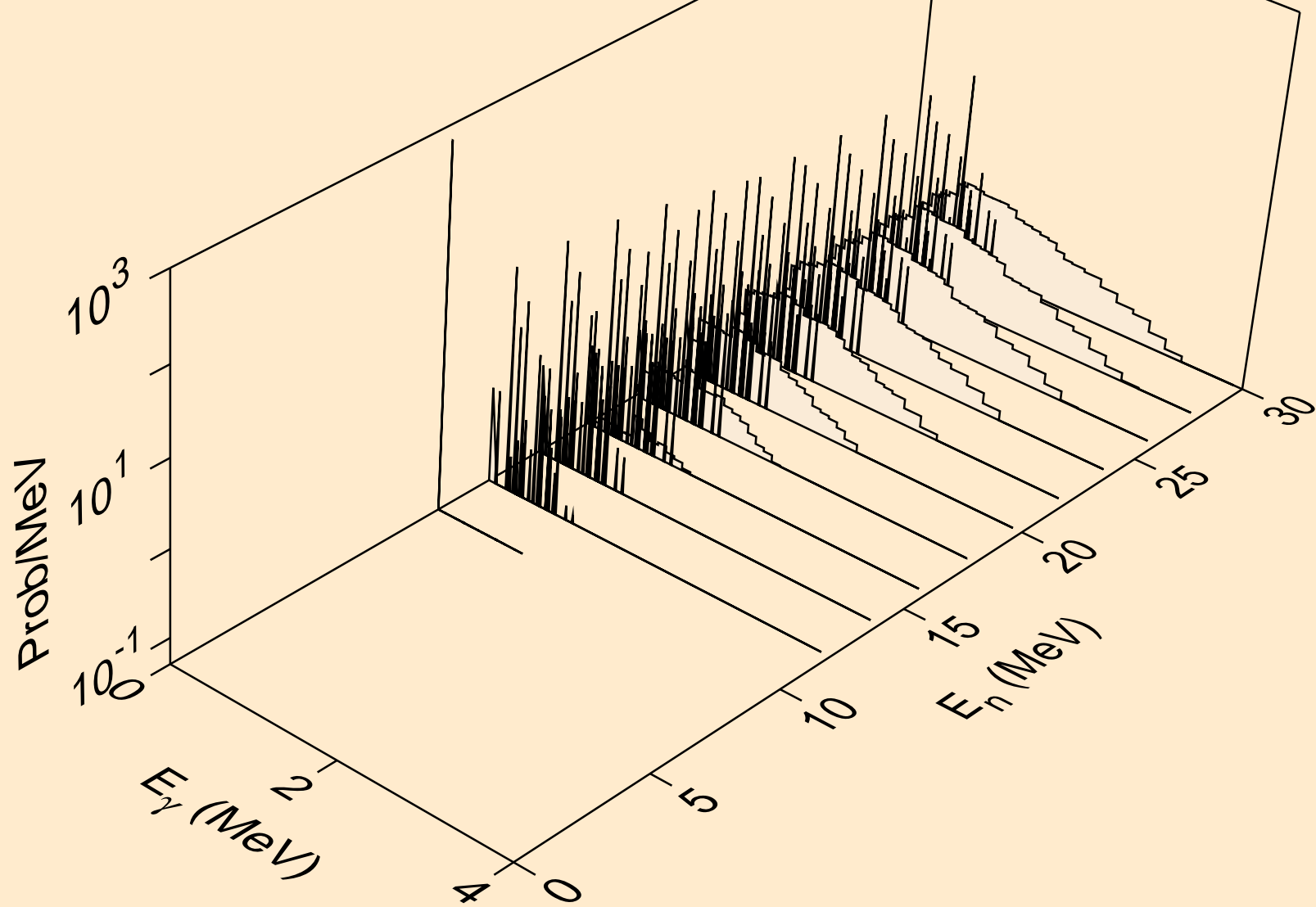
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



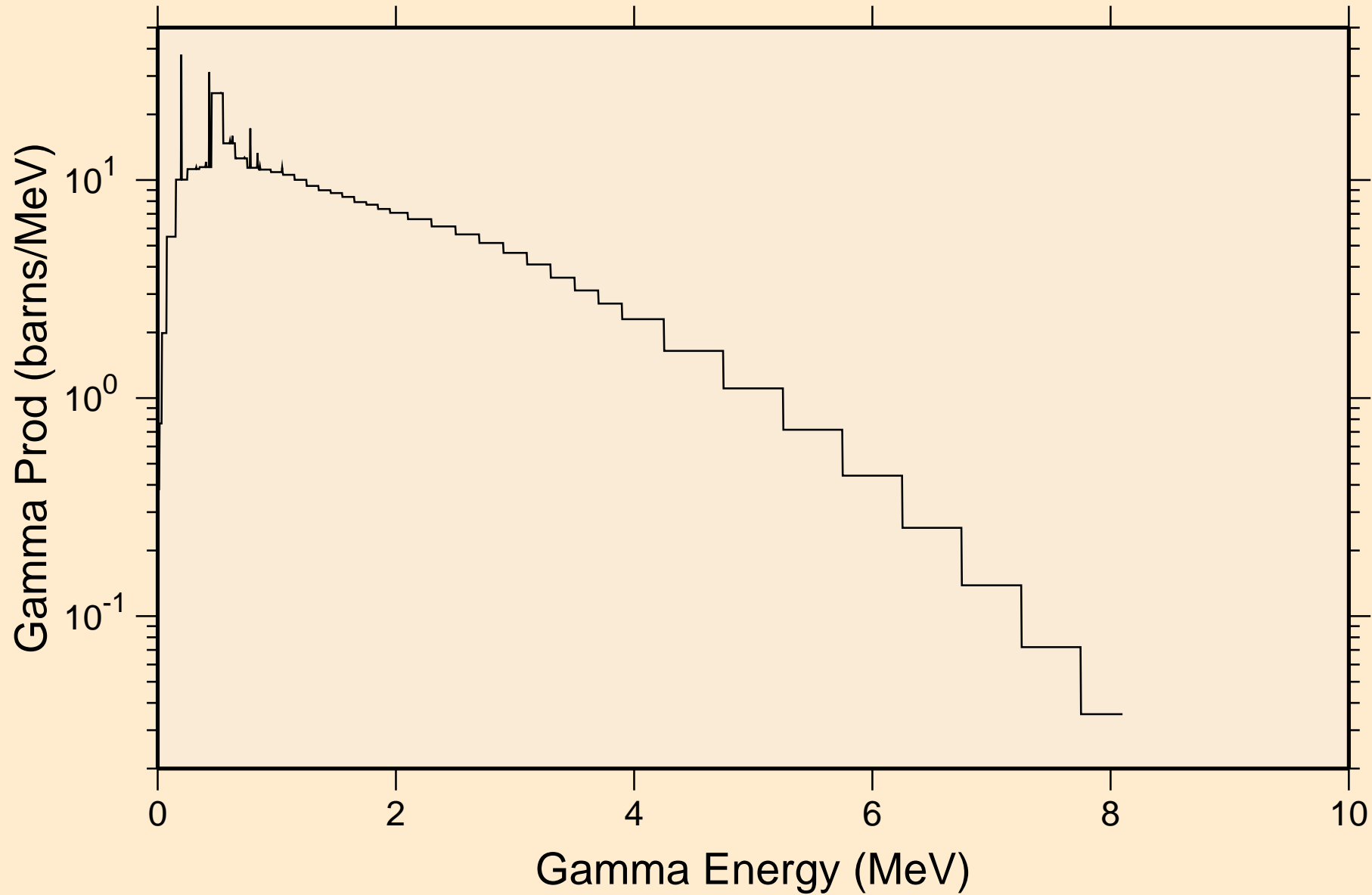
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



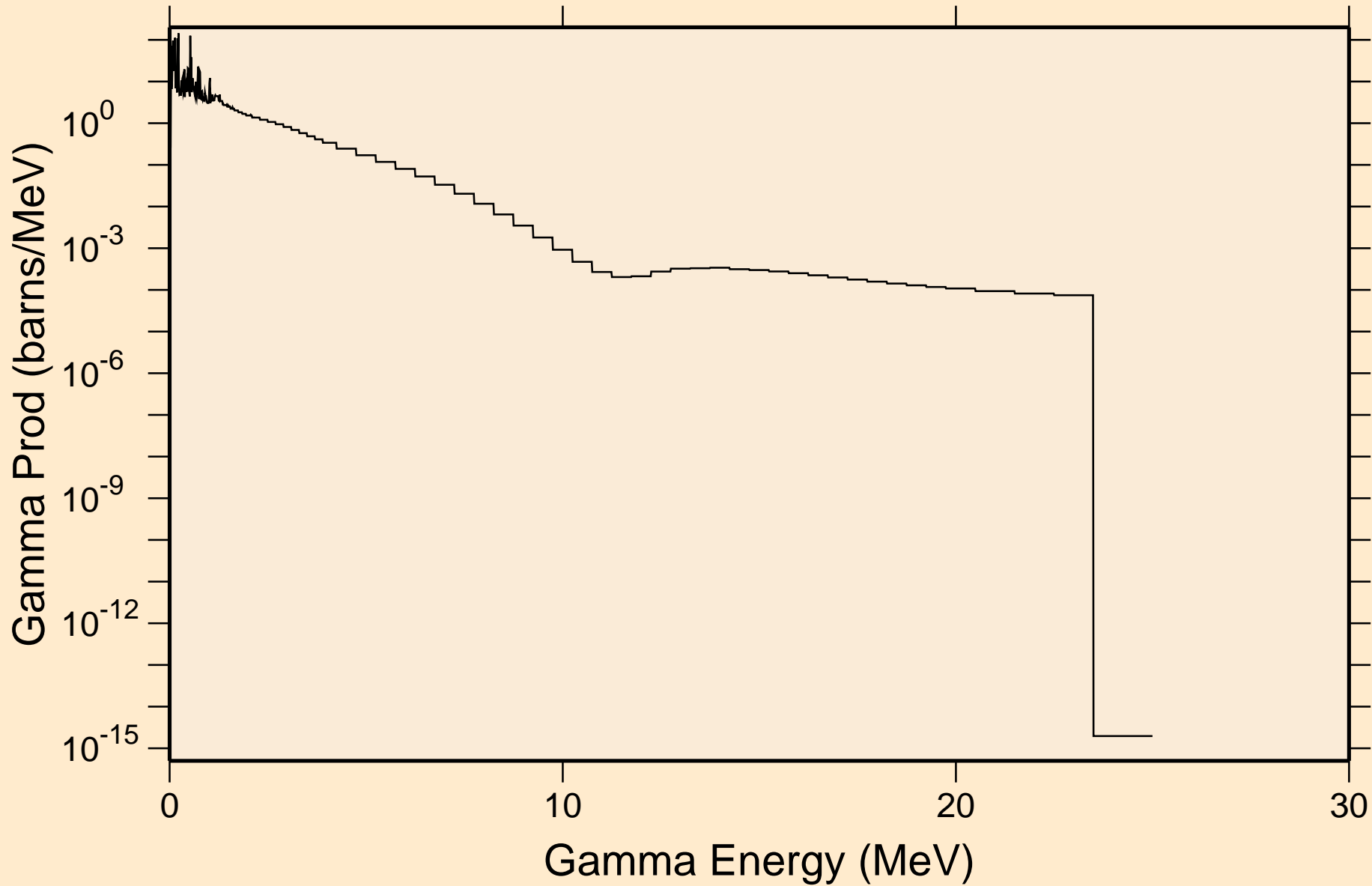
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

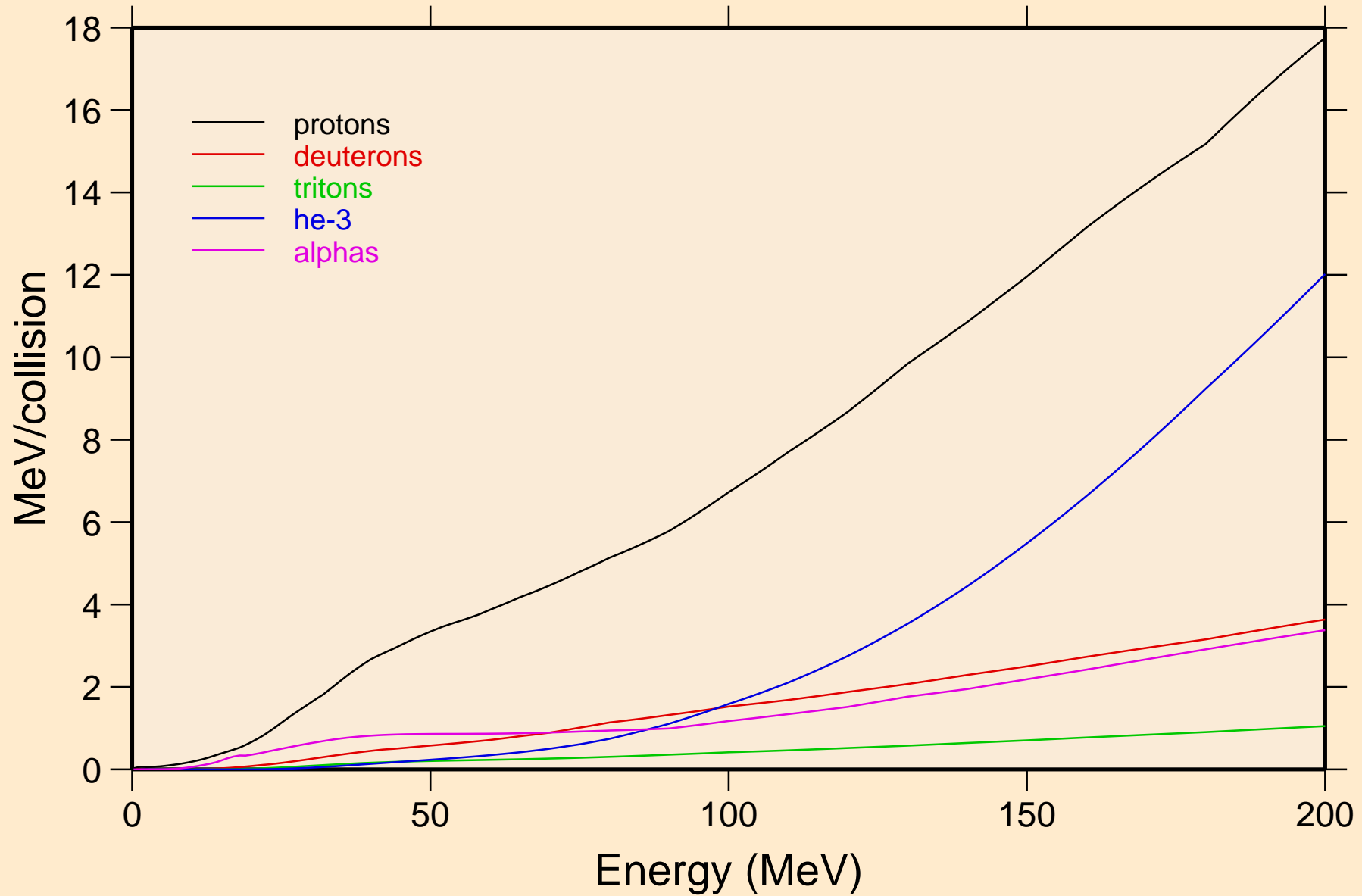


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14 MeV photon spectrum

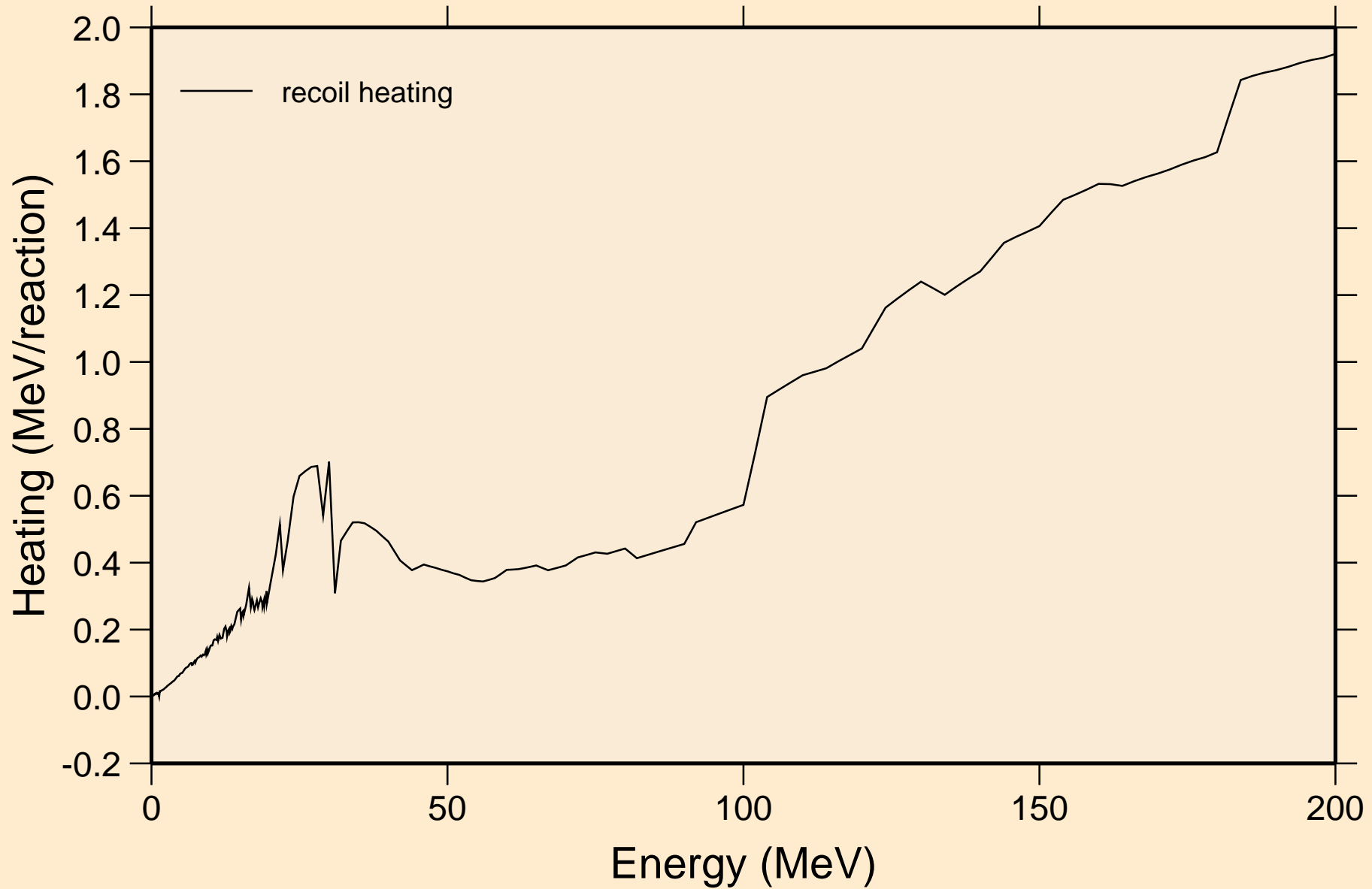




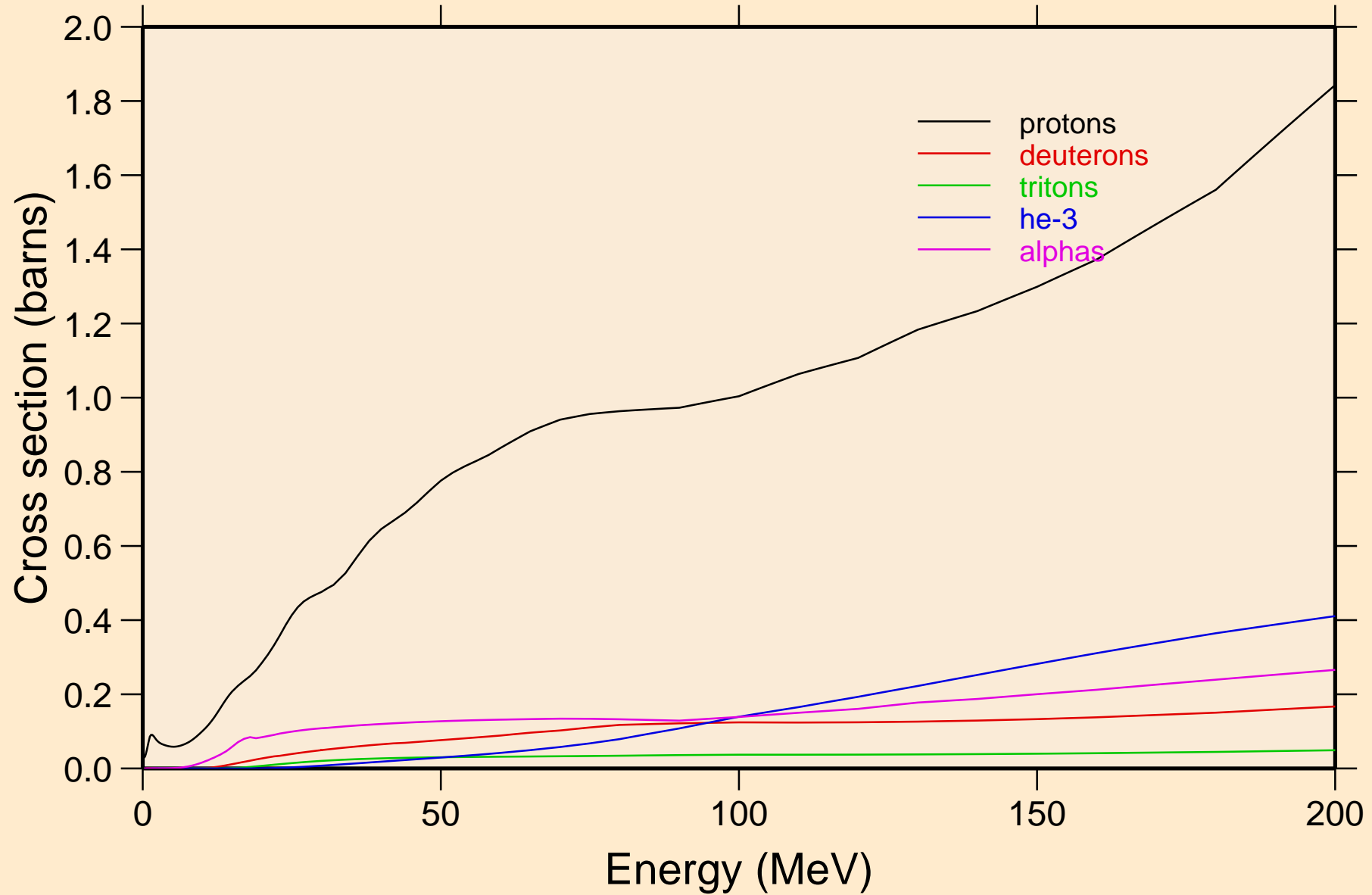
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Particle heating contributions



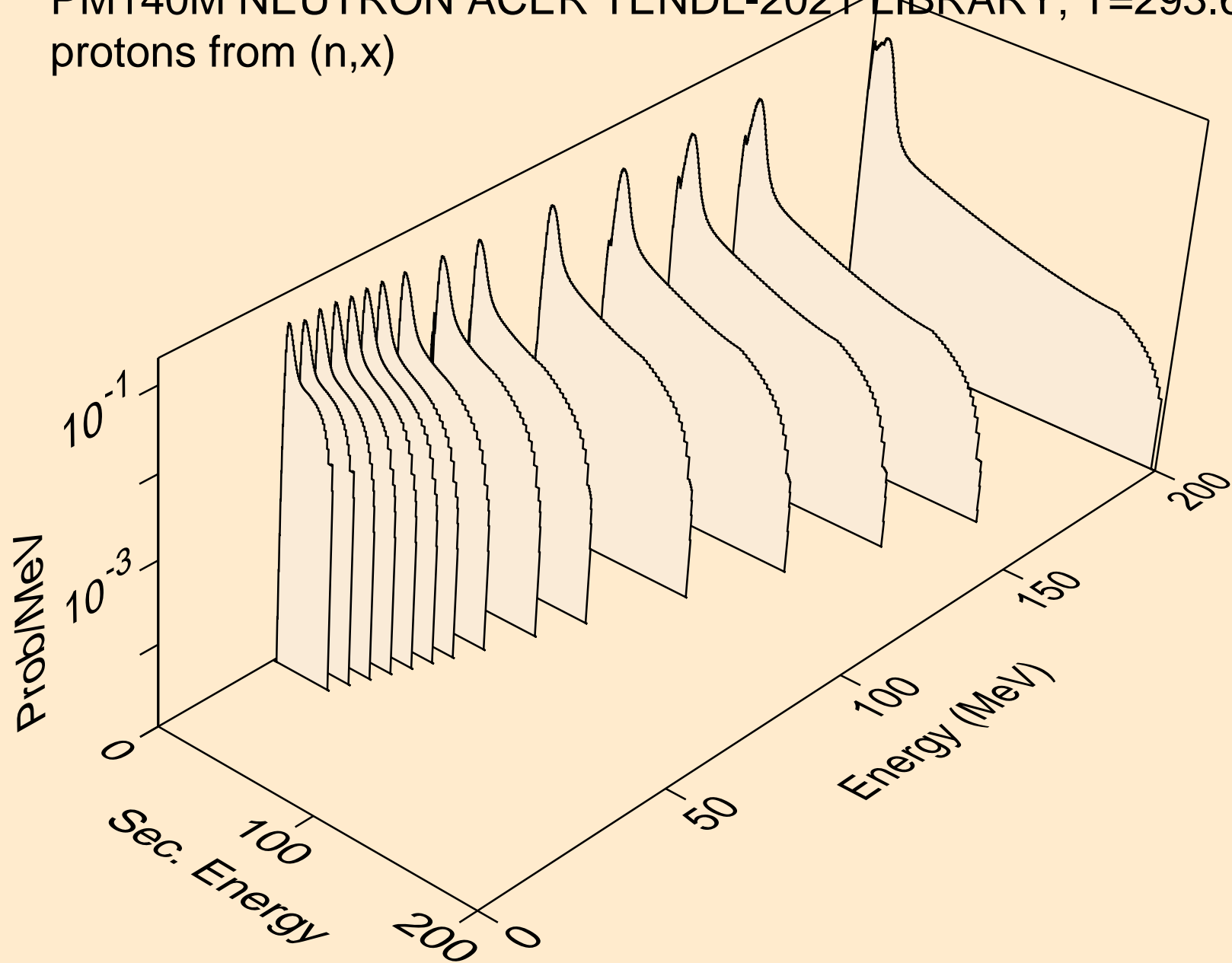
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Recoil Heating



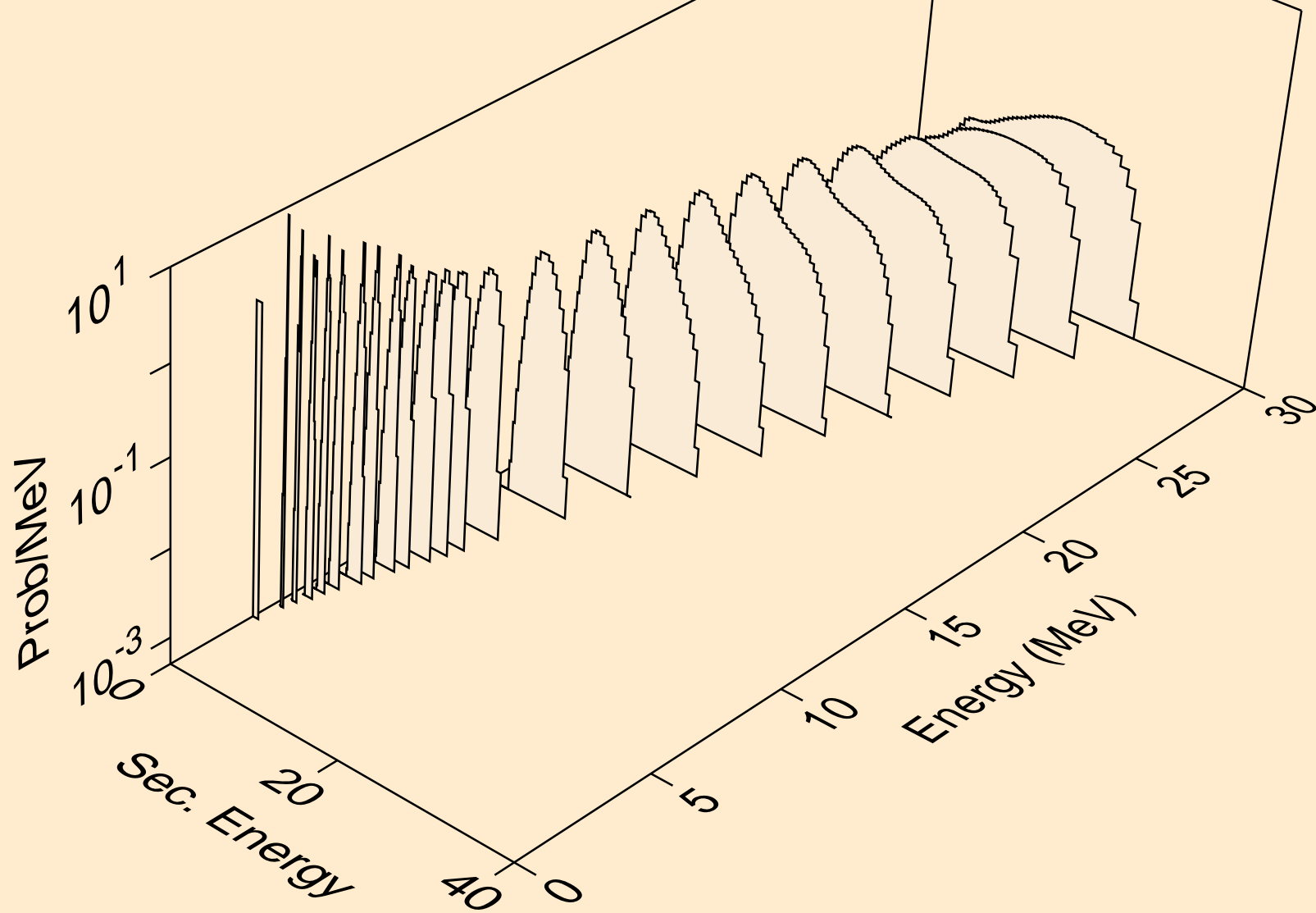
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Particle production cross sections



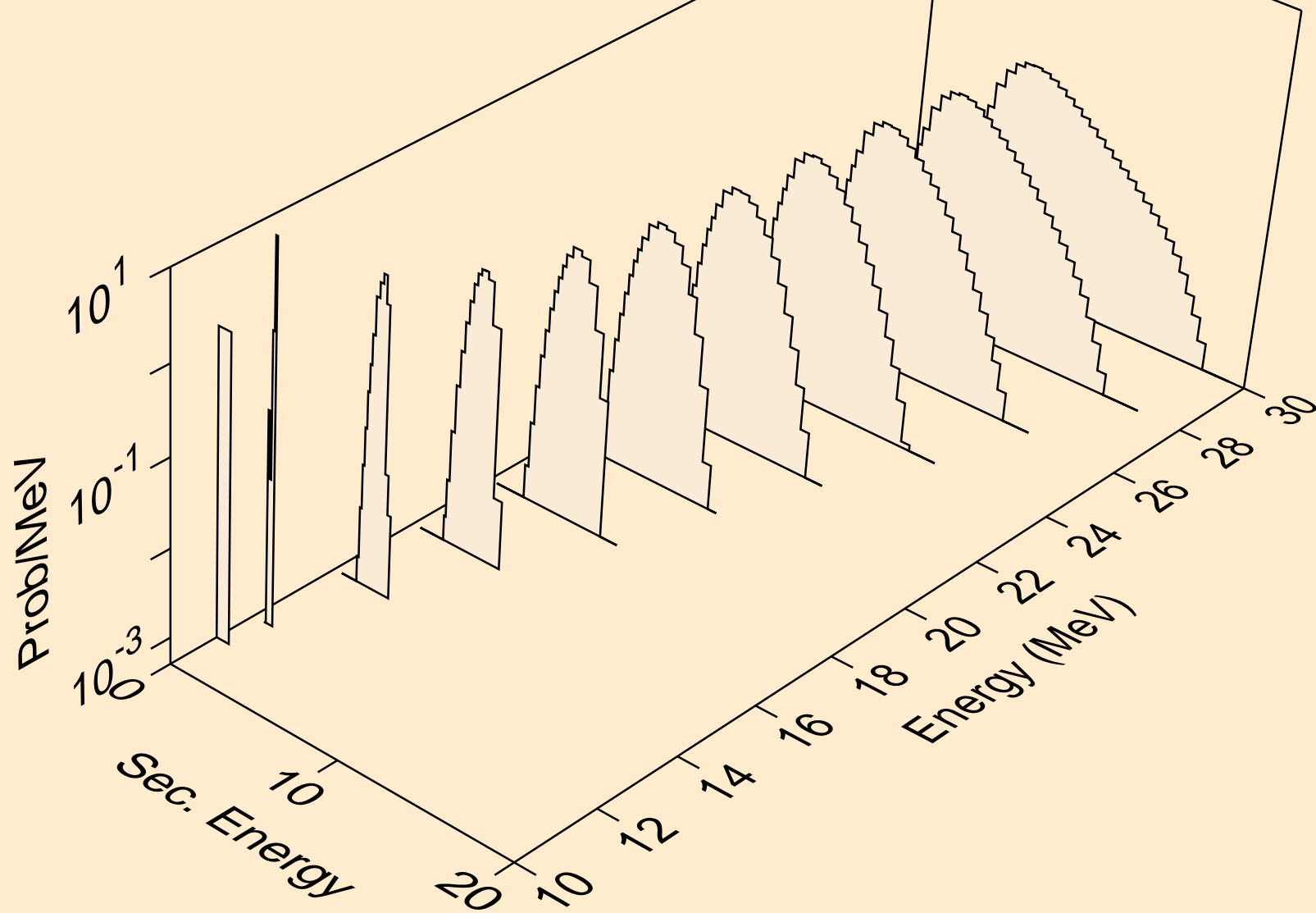
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



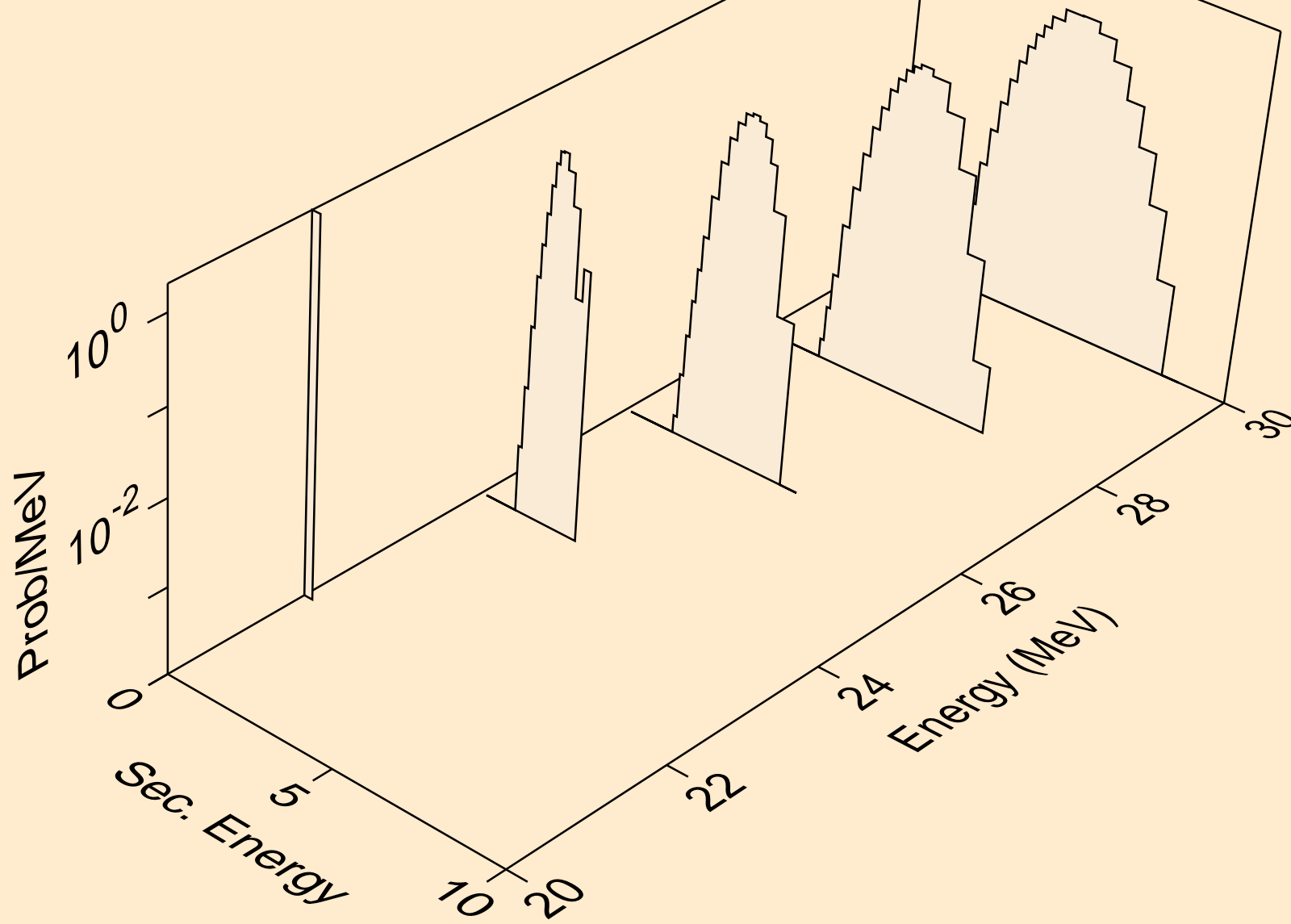
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



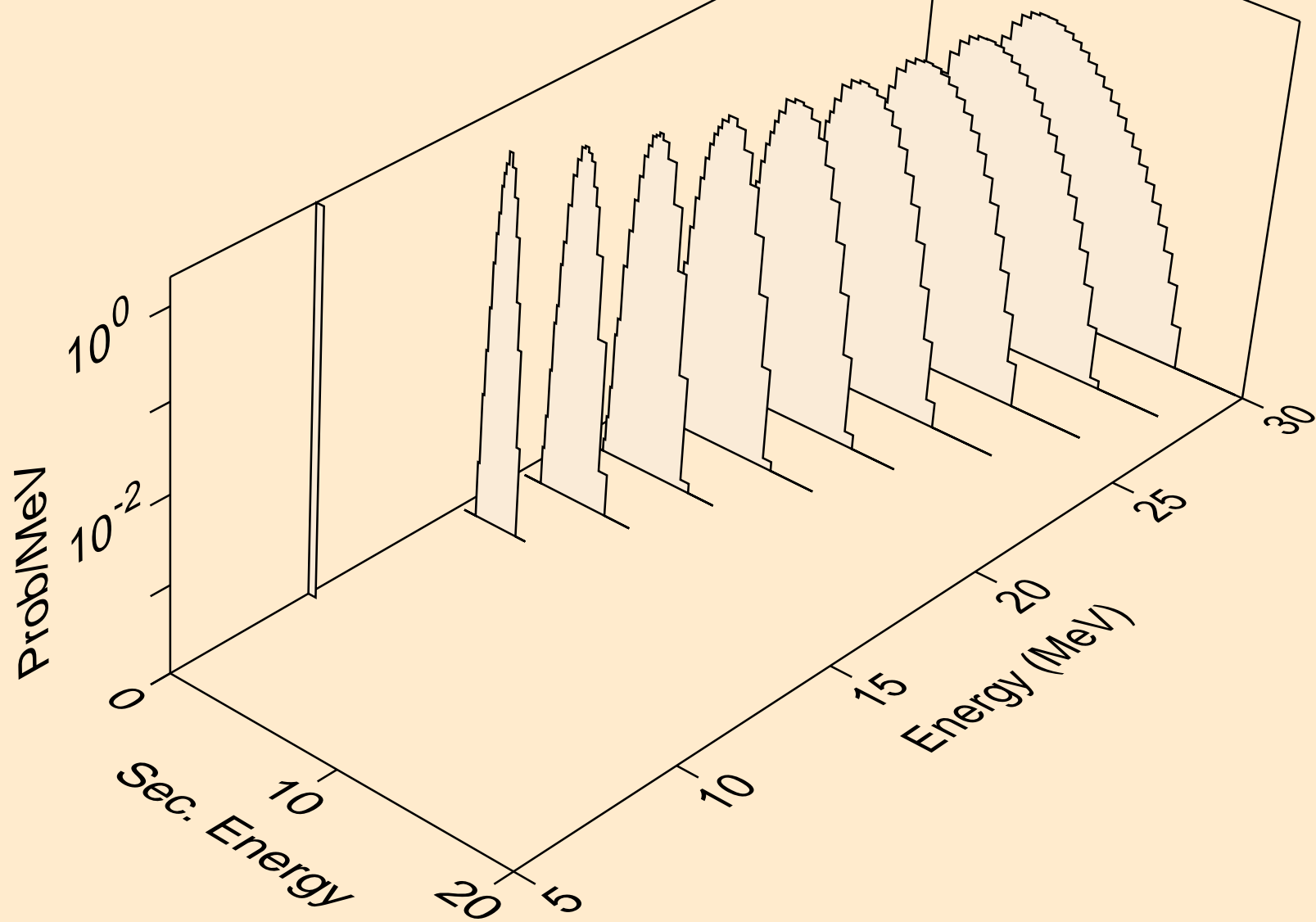
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



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protons from (n,3np)

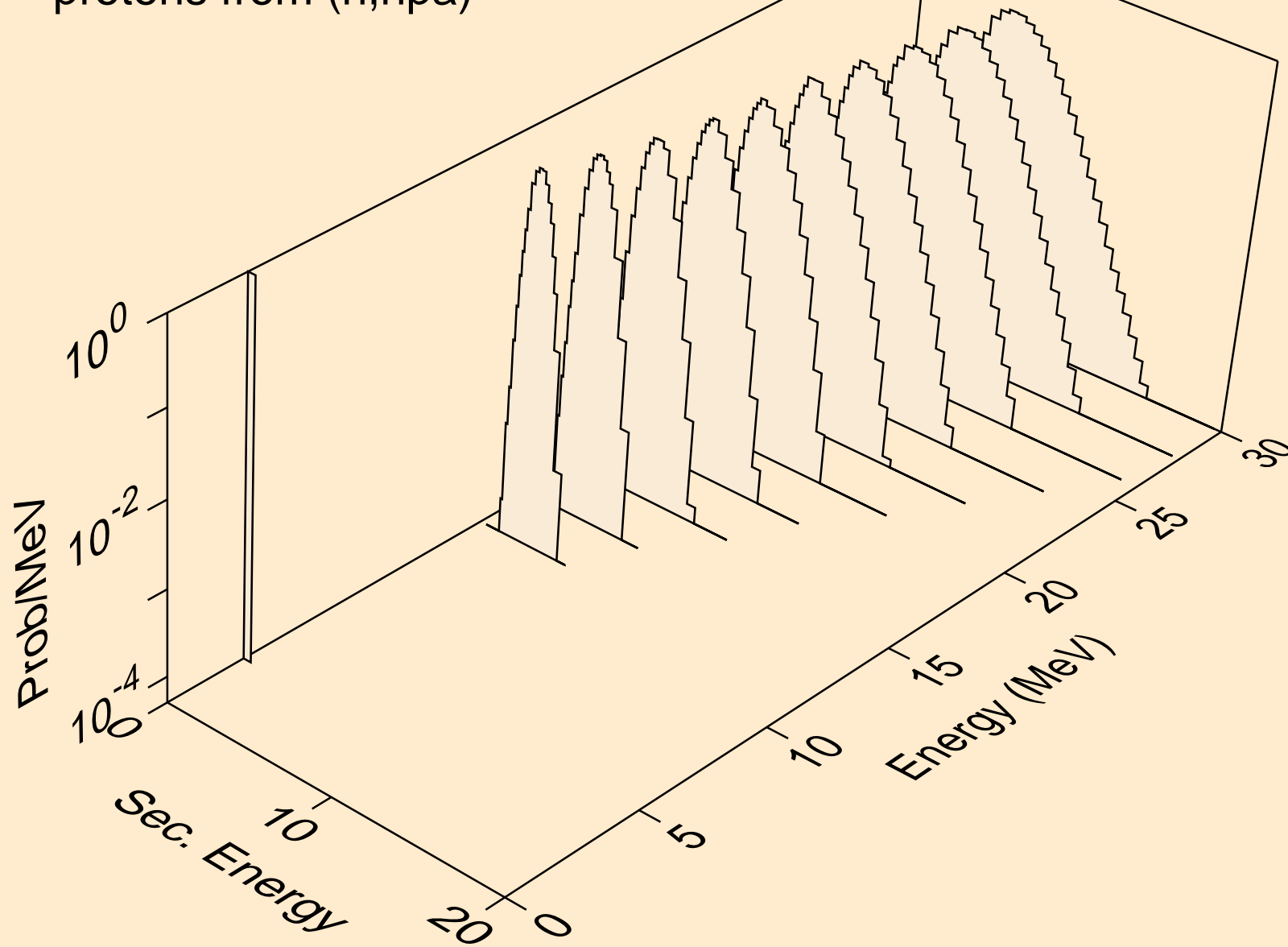


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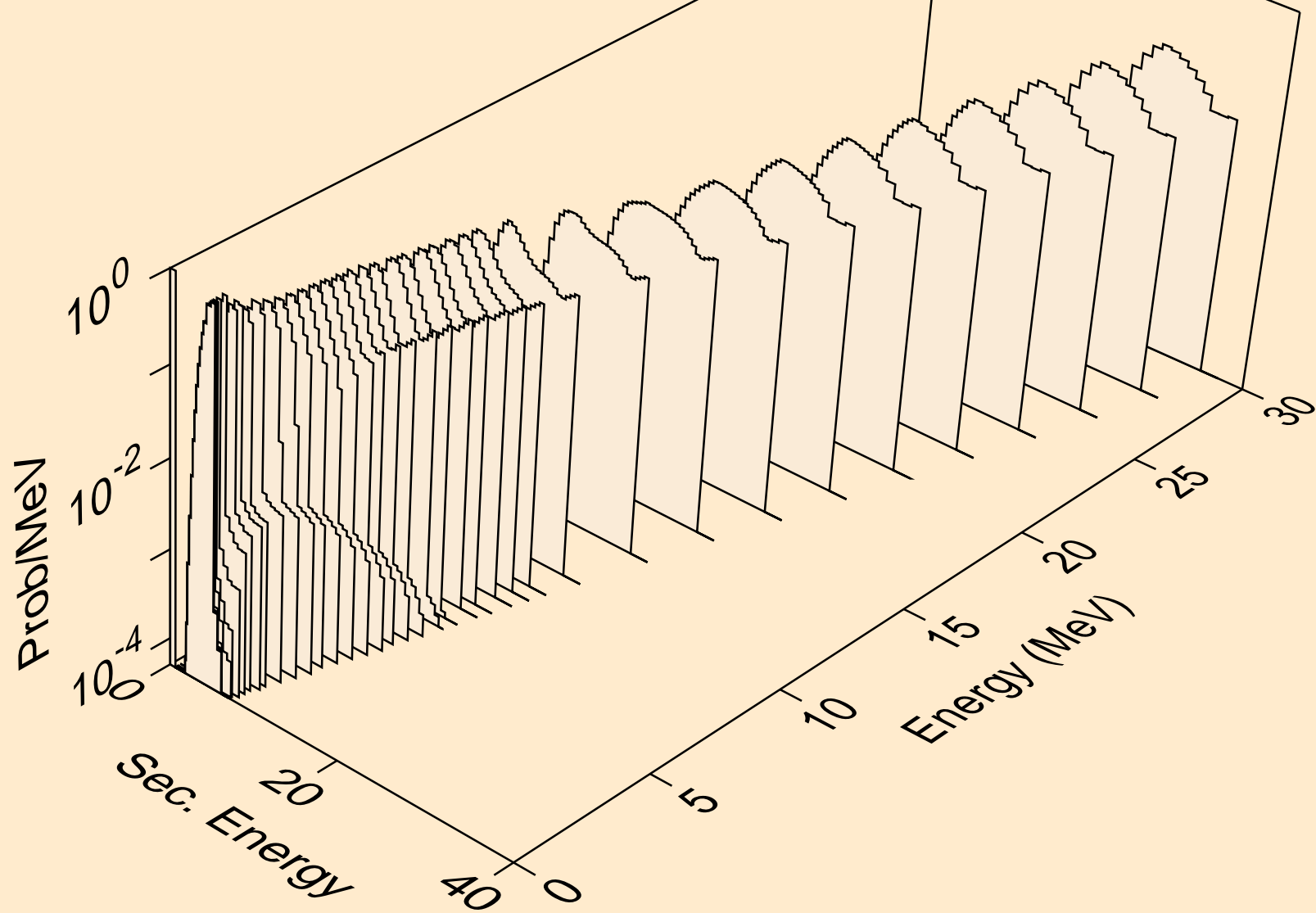




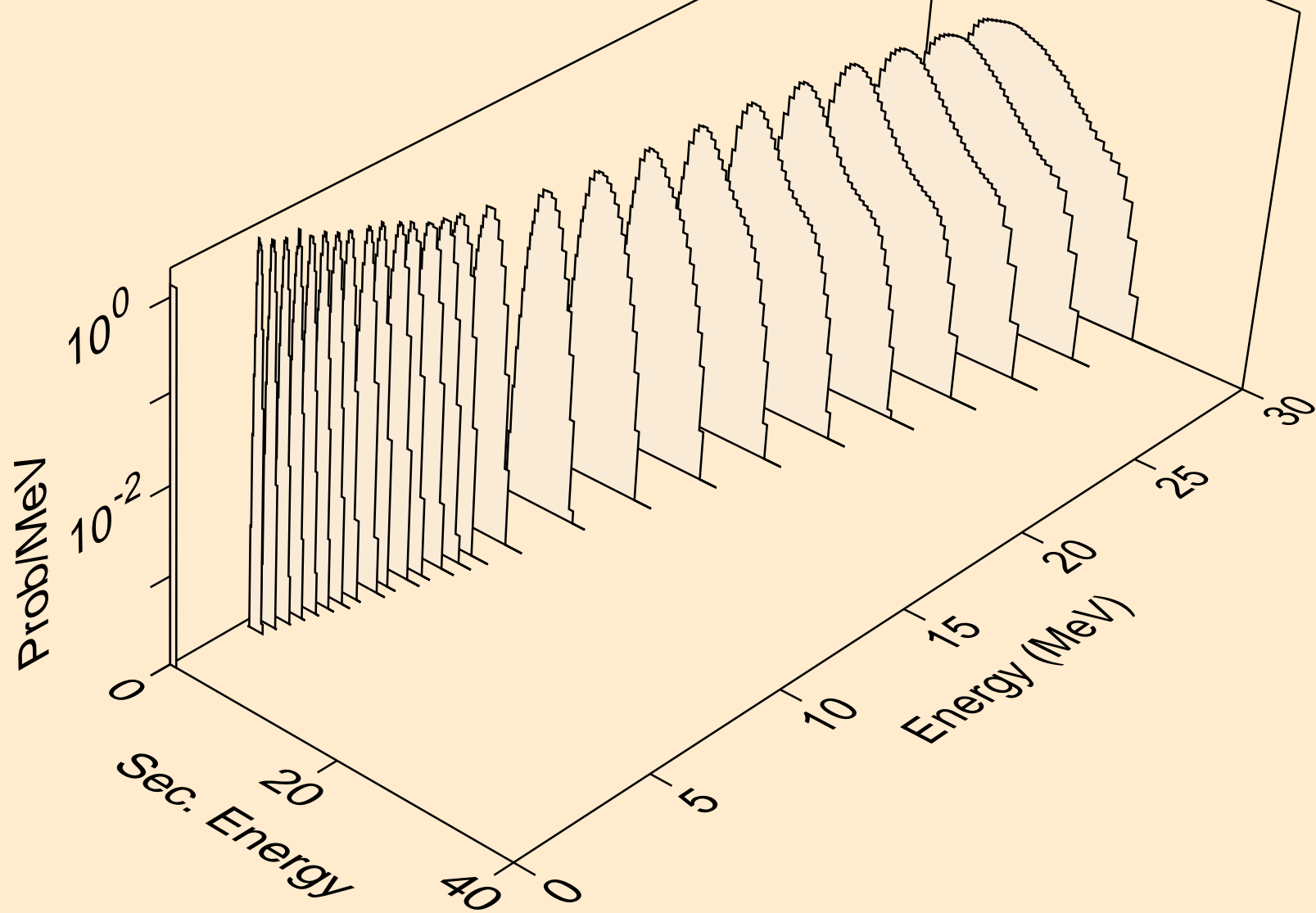
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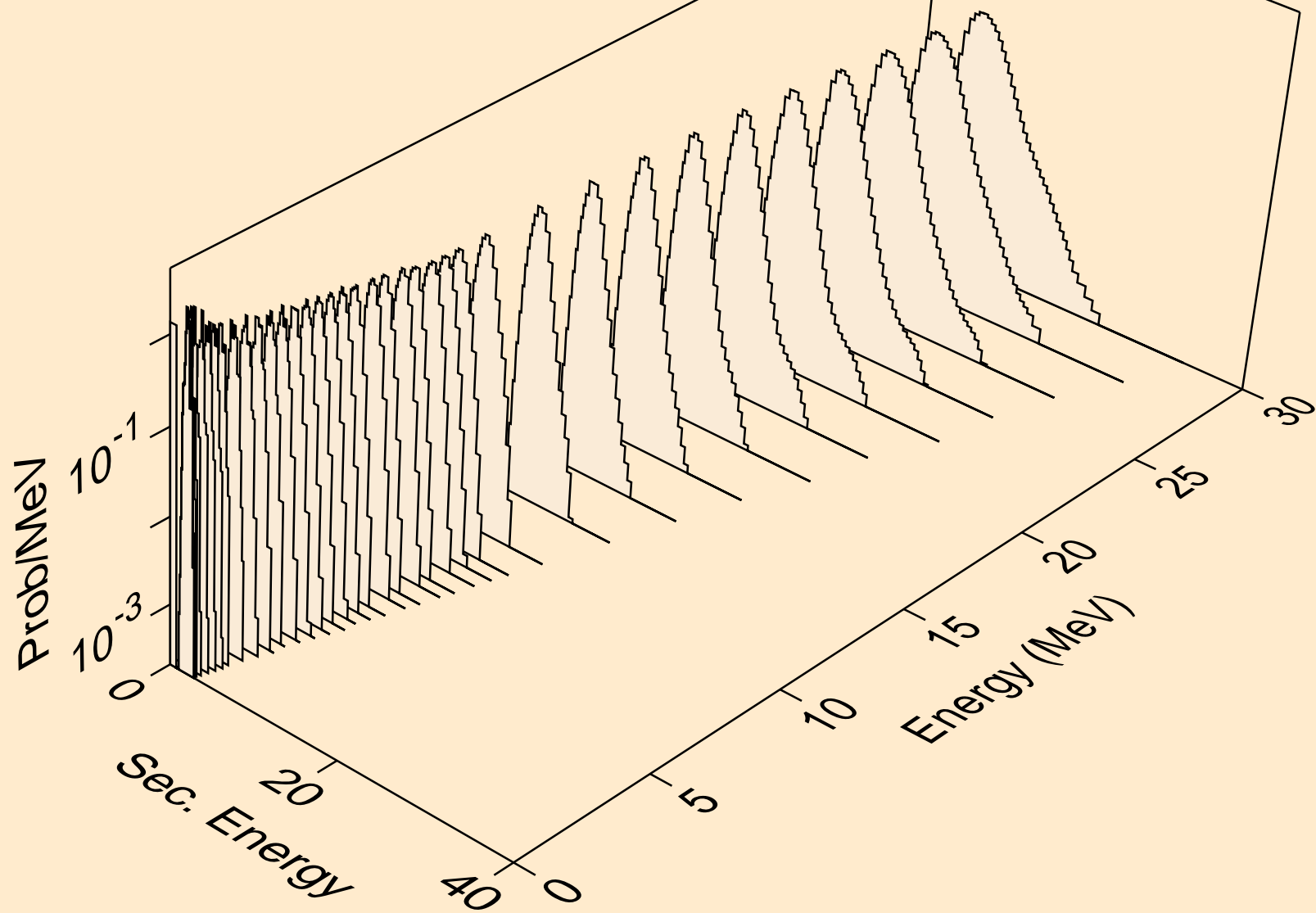
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protons from (n,p)



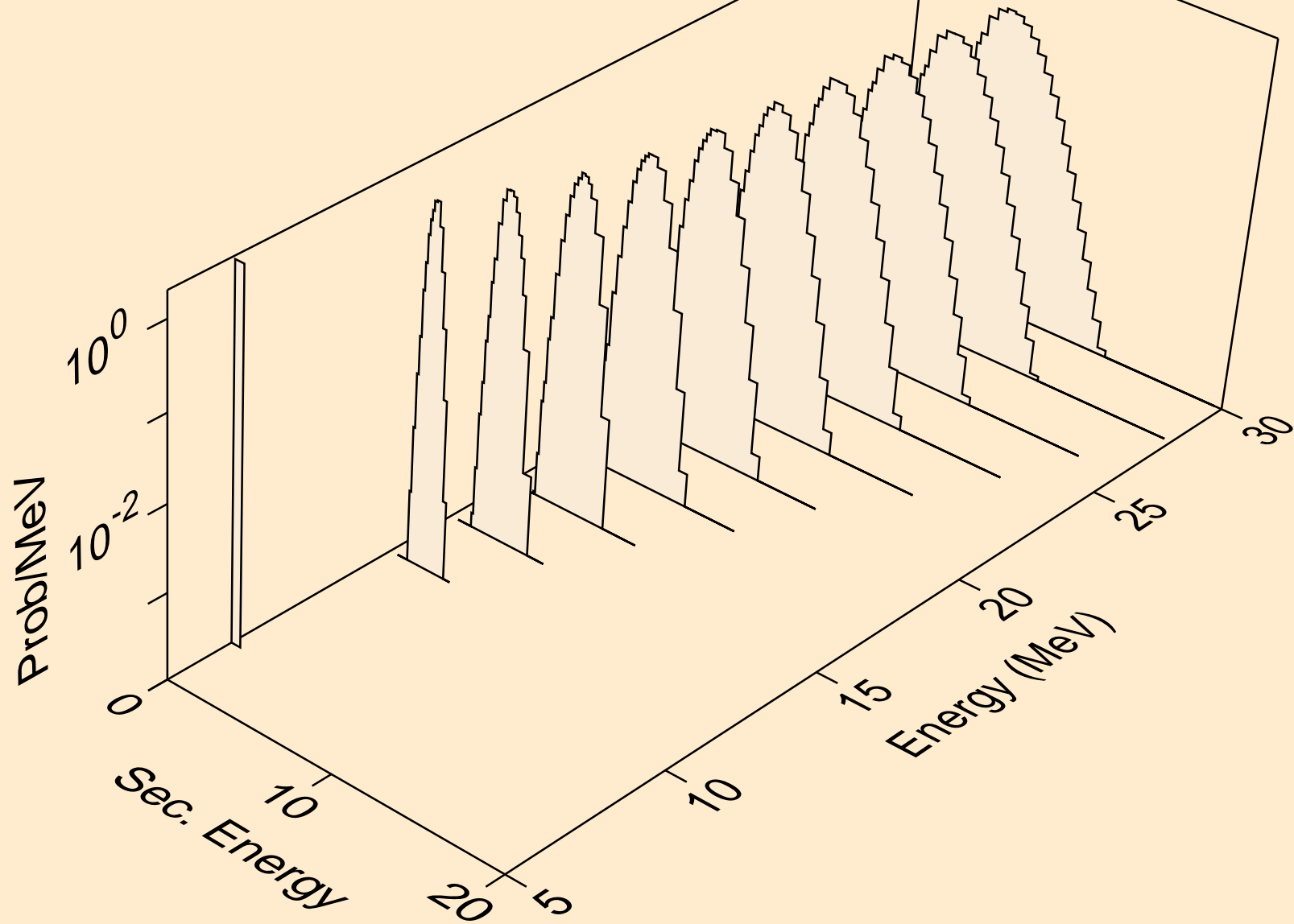
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protons from (n,2p)



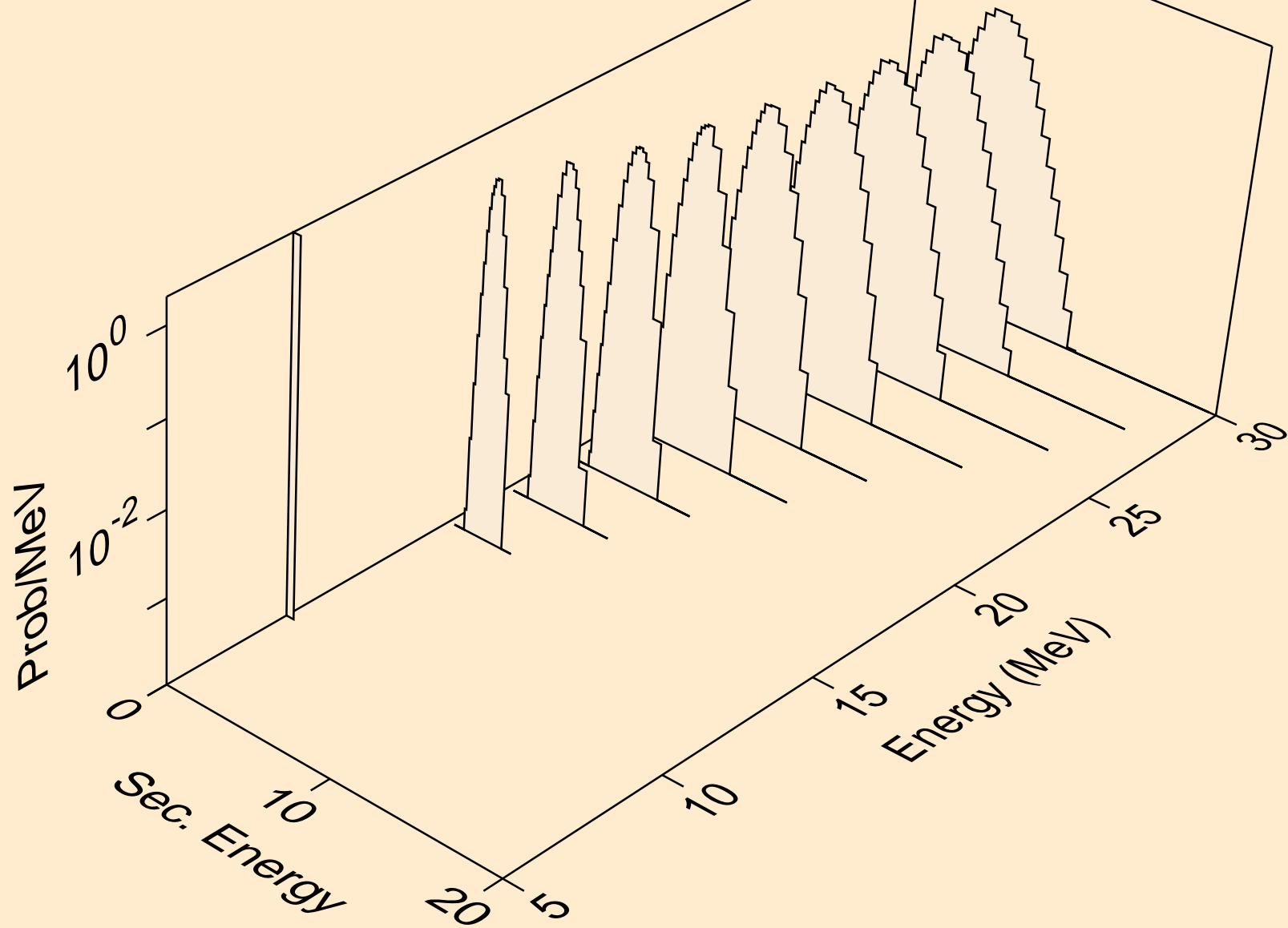
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protons from (n,p)



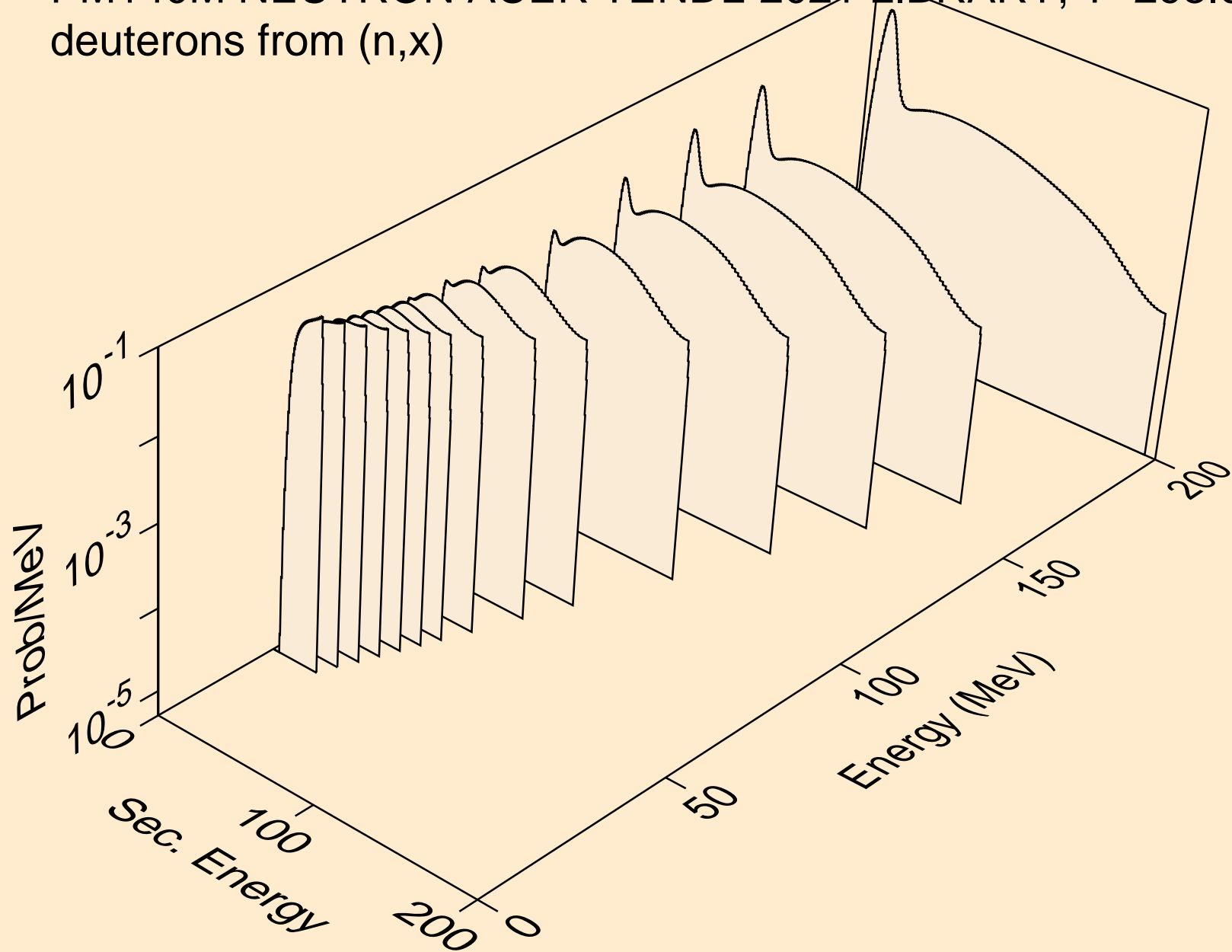
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protons from (n,pd)



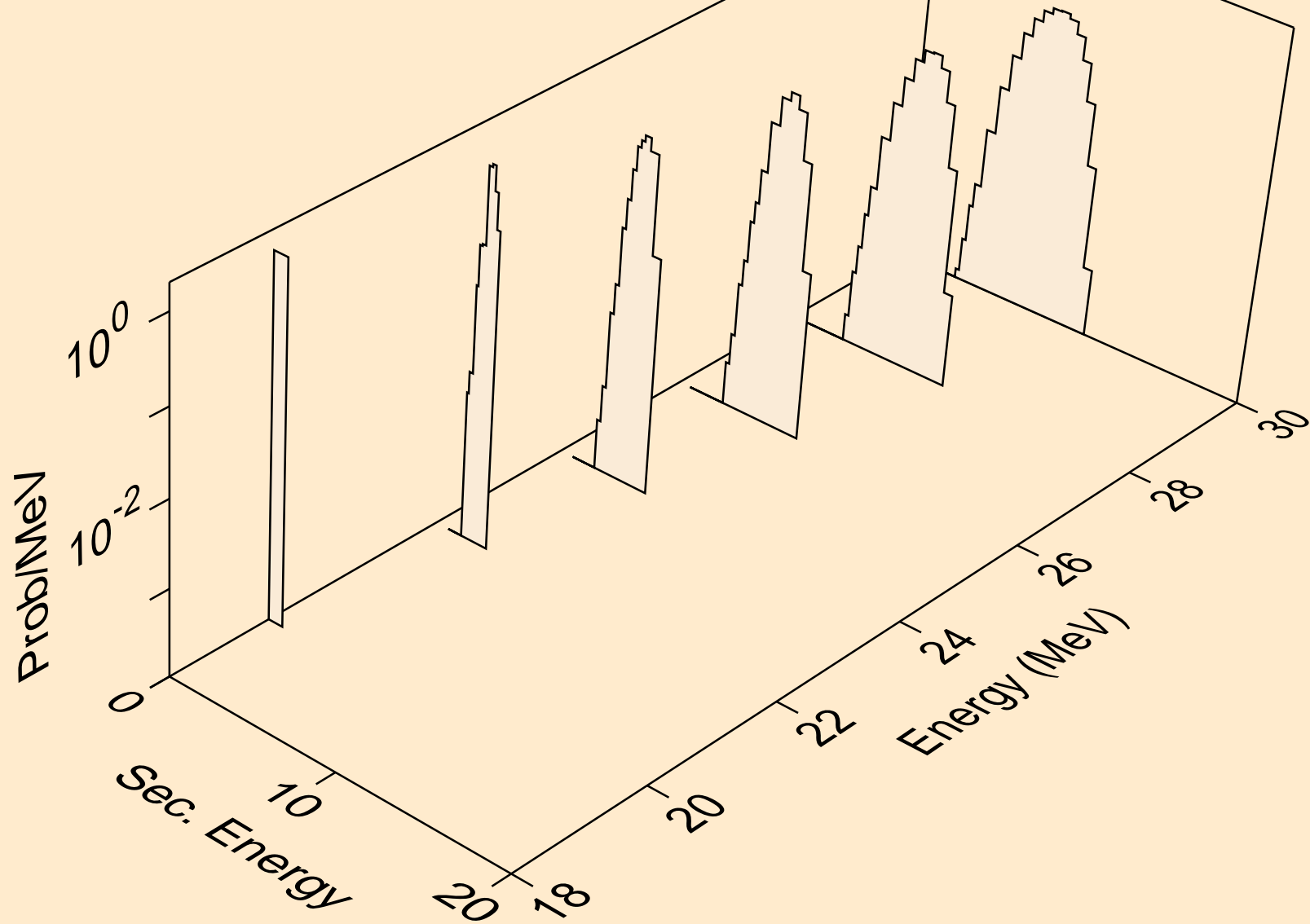
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protons from (n,pt)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

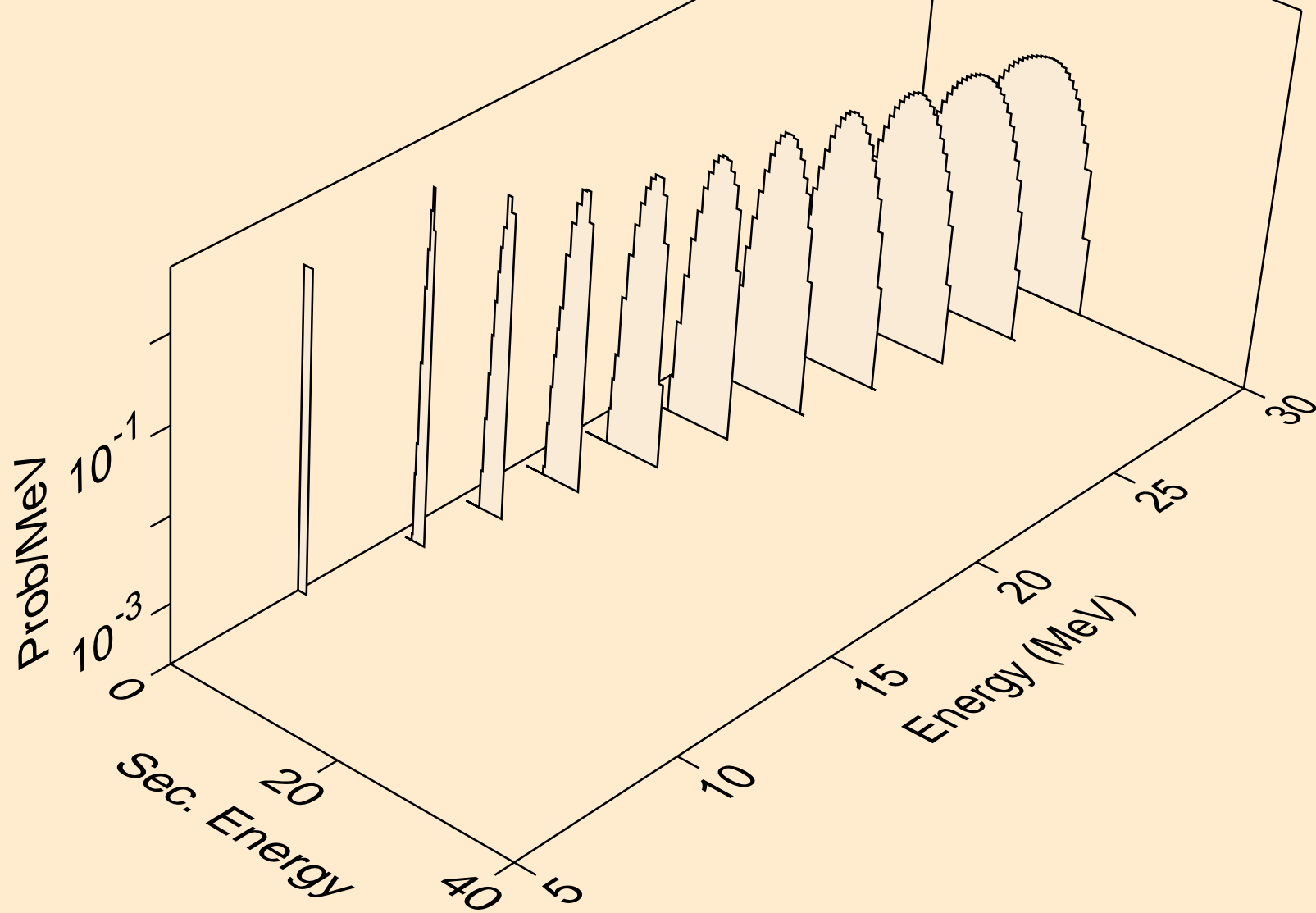


PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

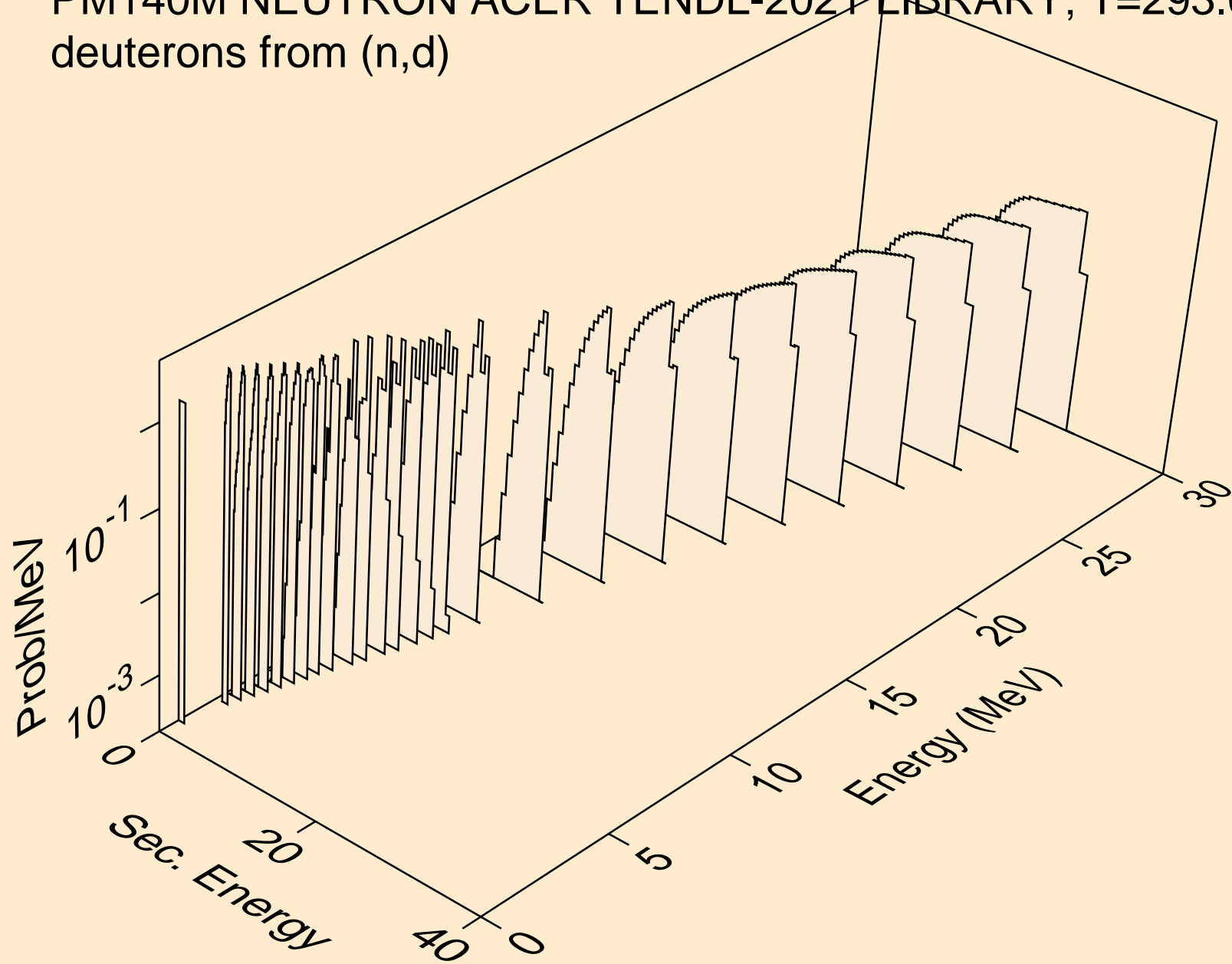




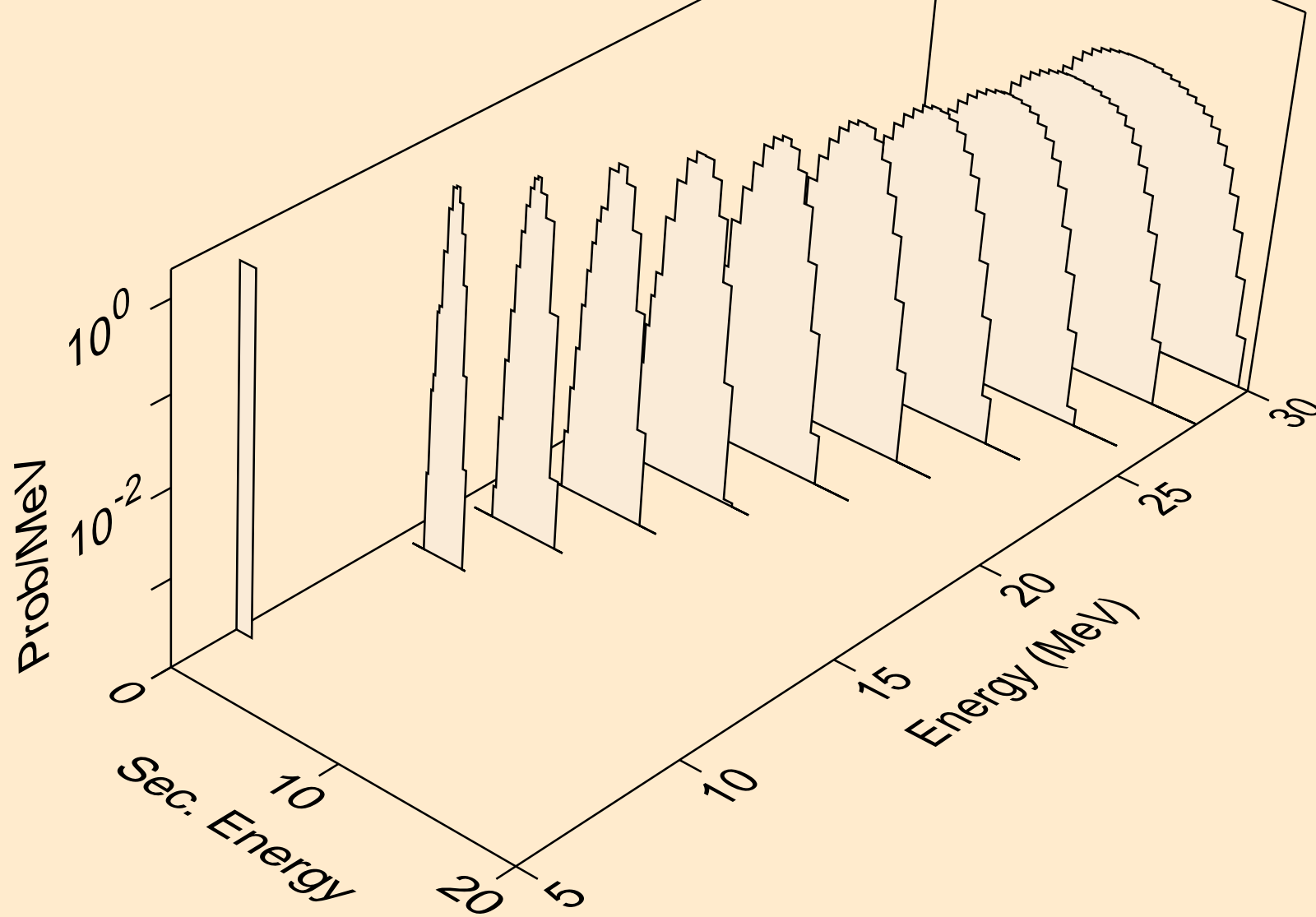
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deuterons from (n,n\*)d



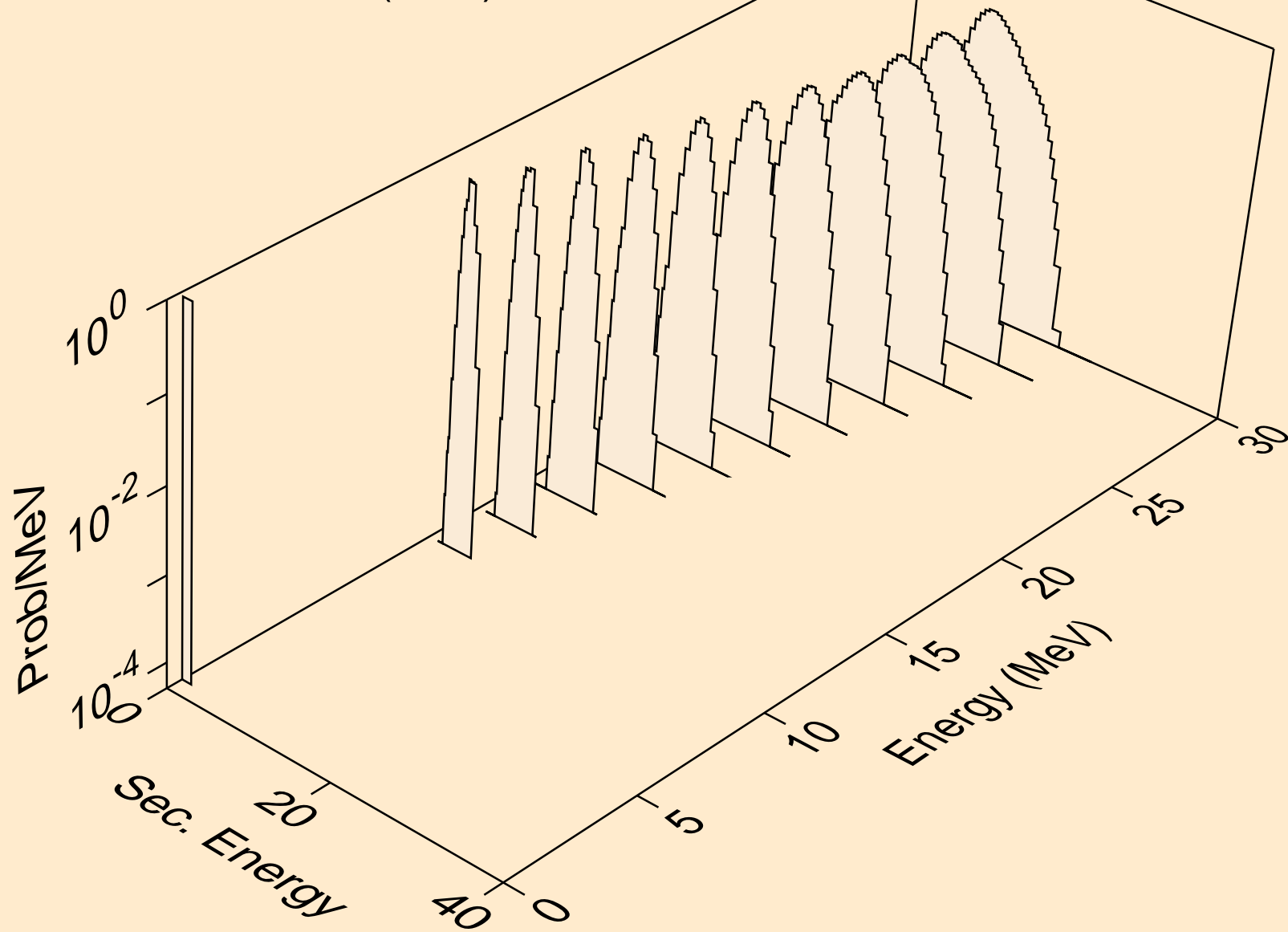
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deuterons from (n,d)



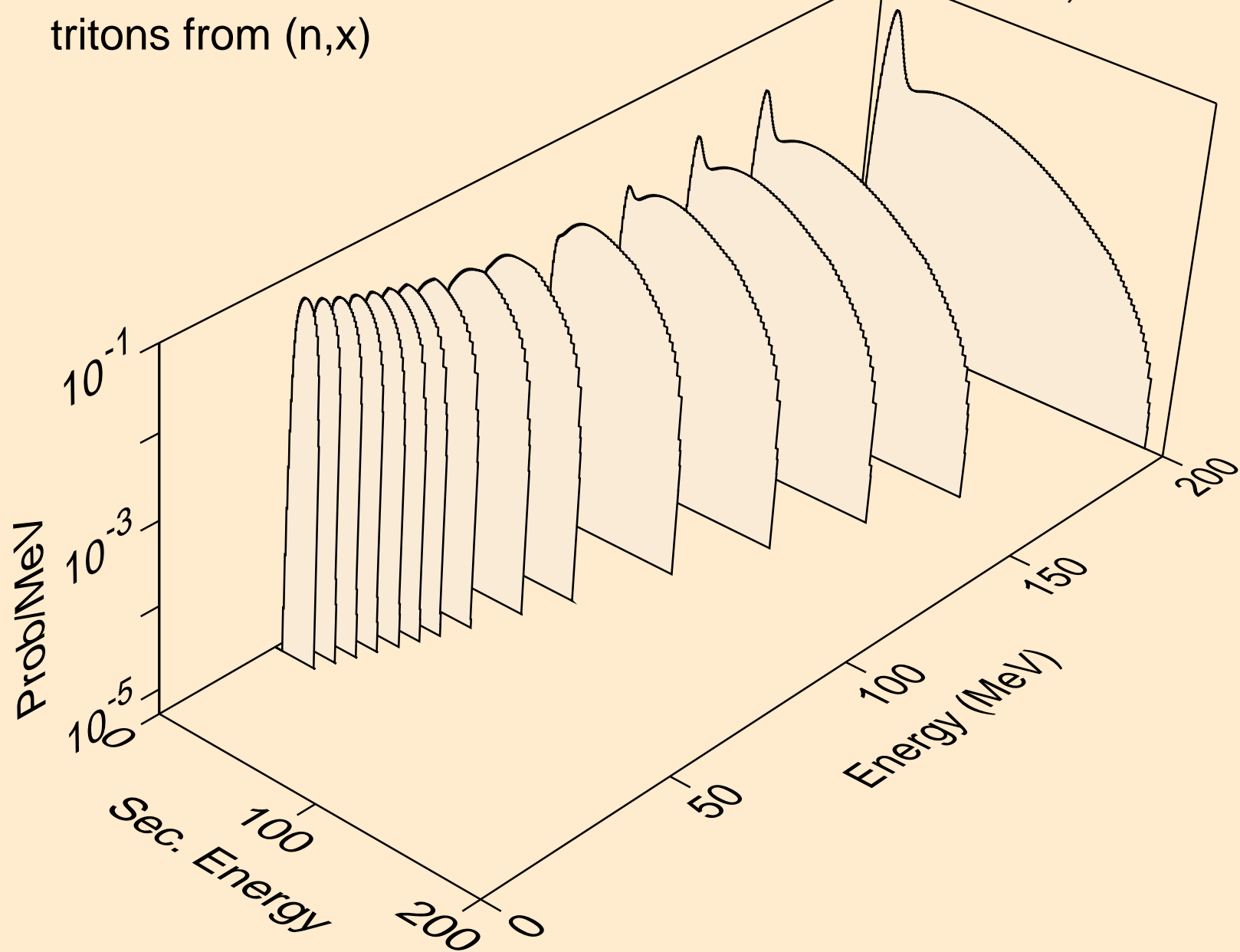
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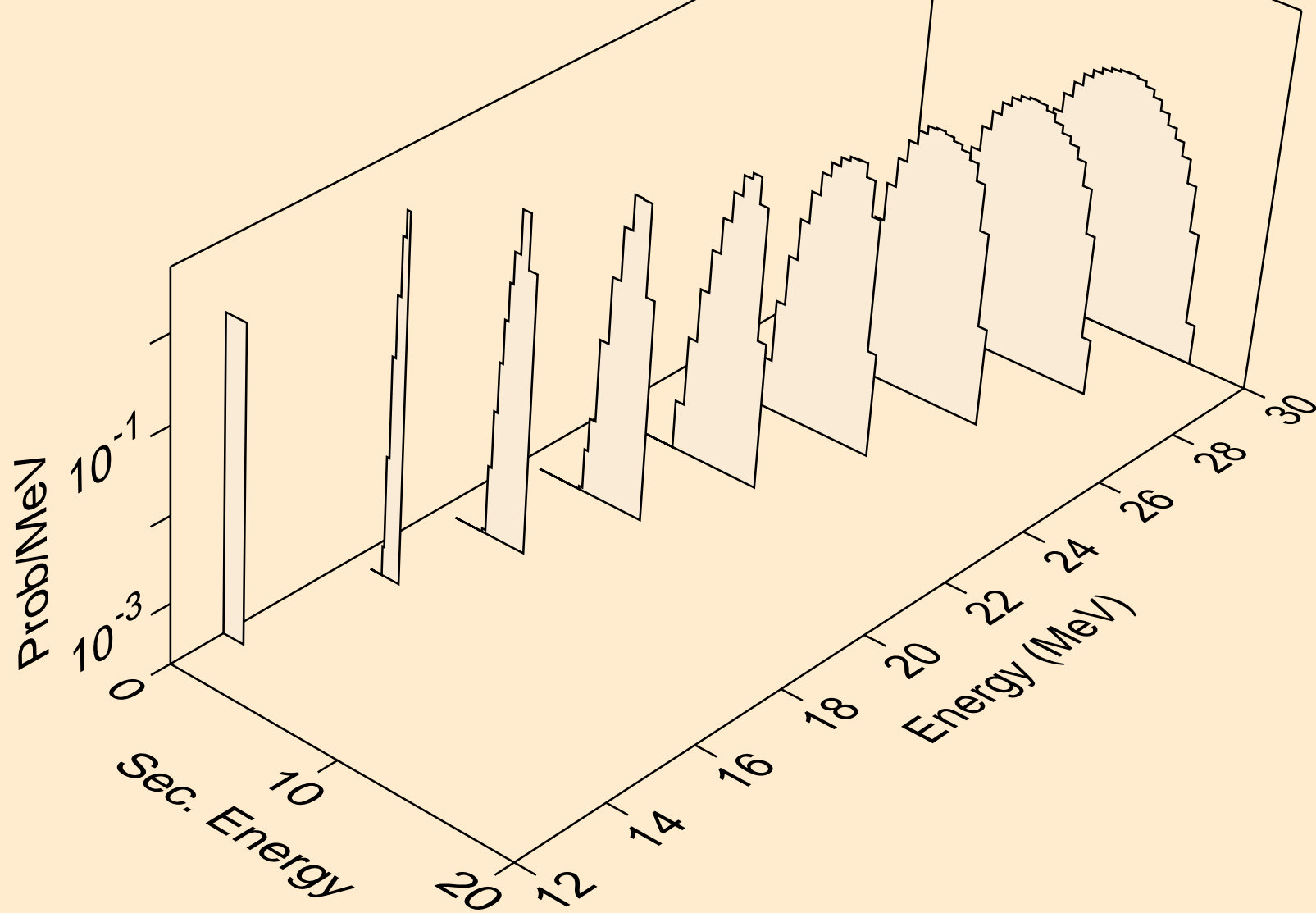
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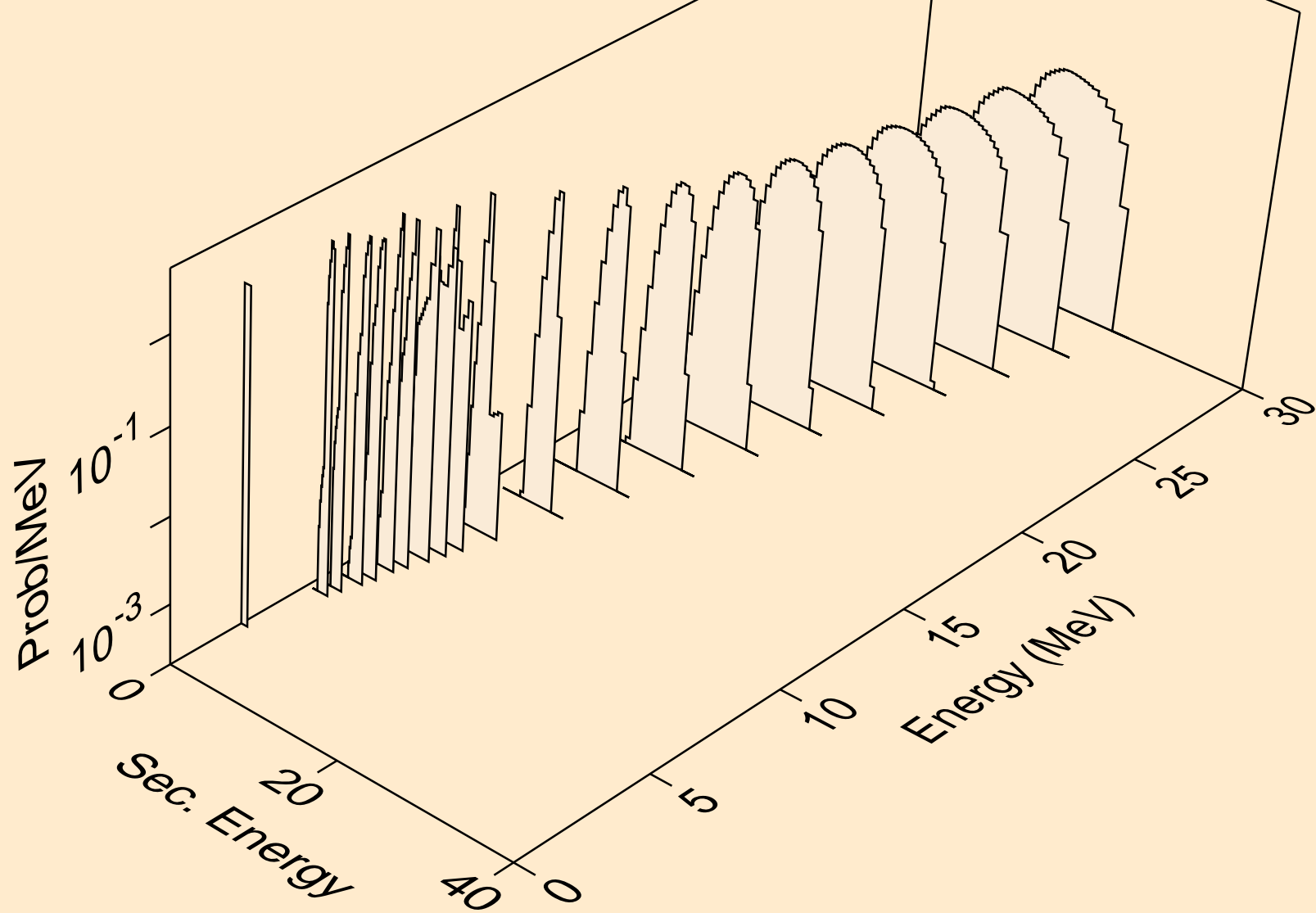
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tritons from (n,x)



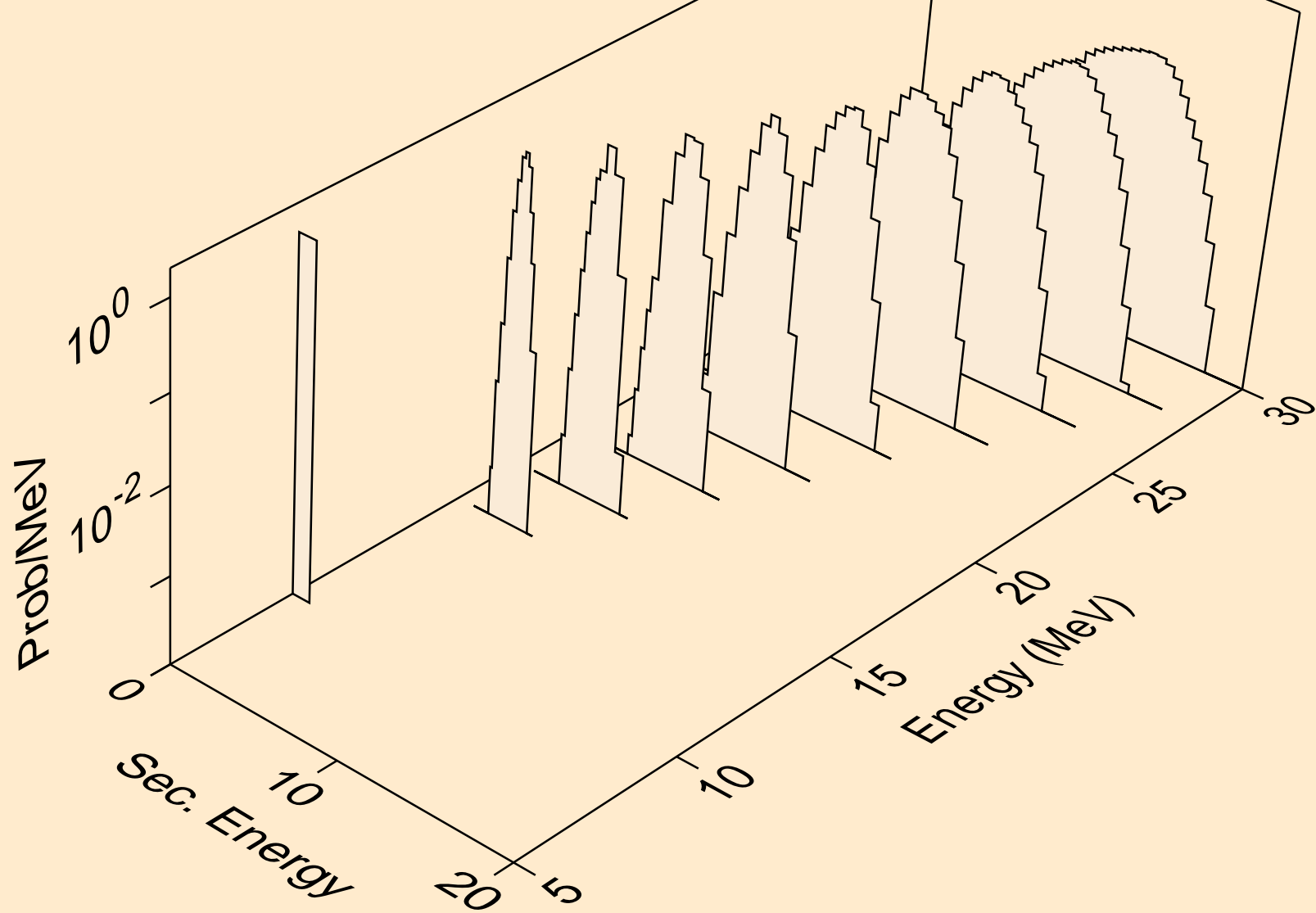
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

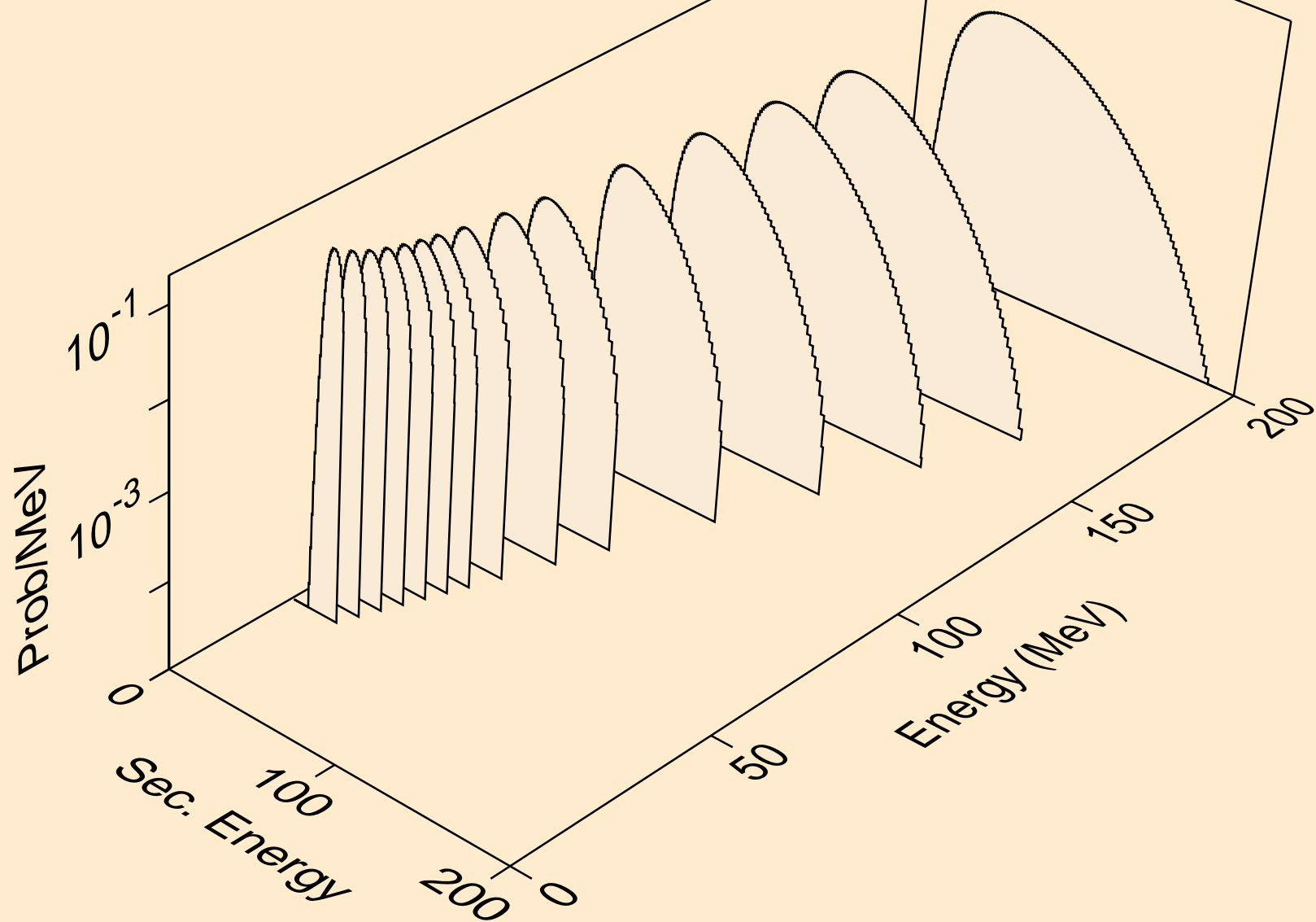


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tritons from (n,pt)

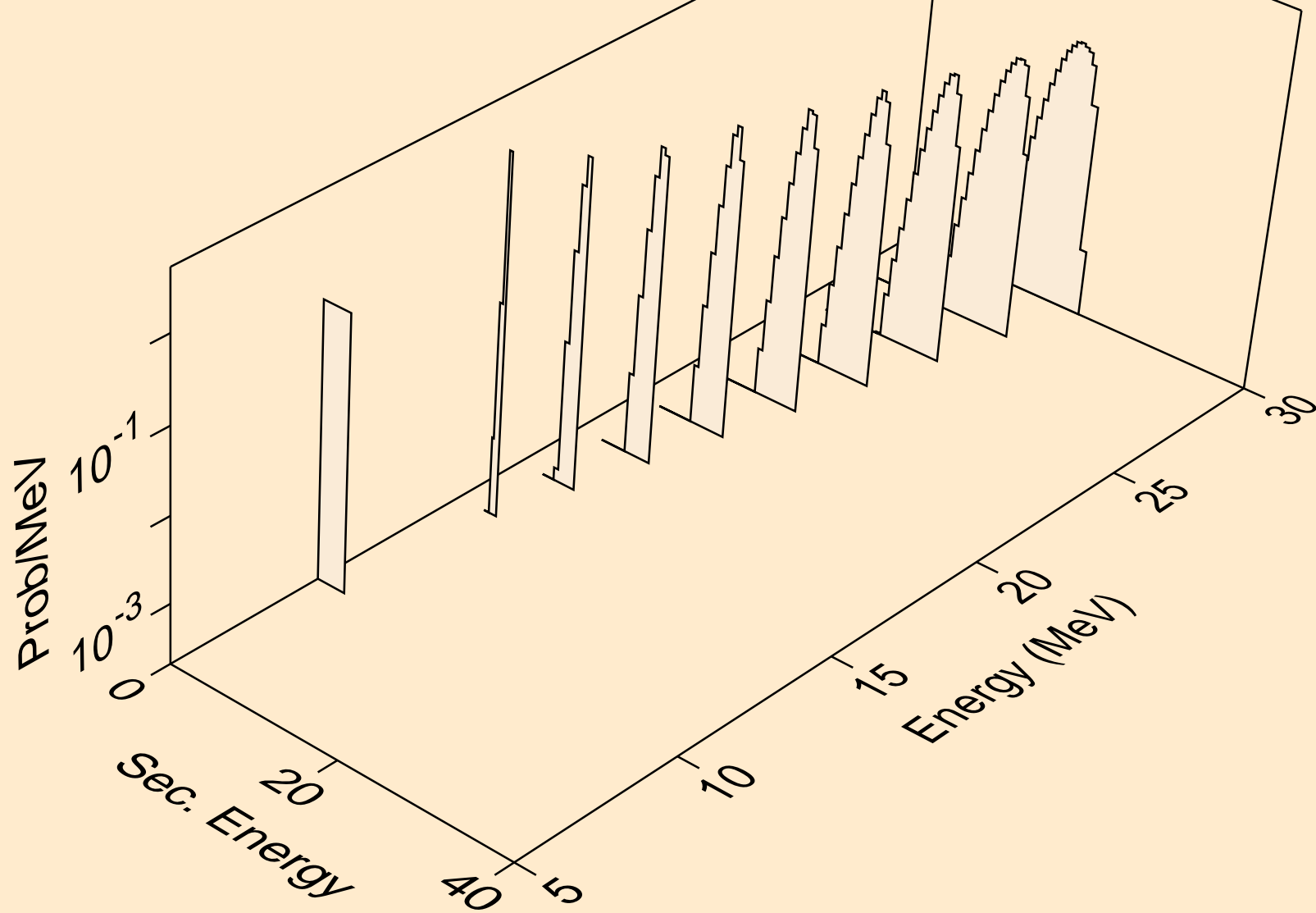




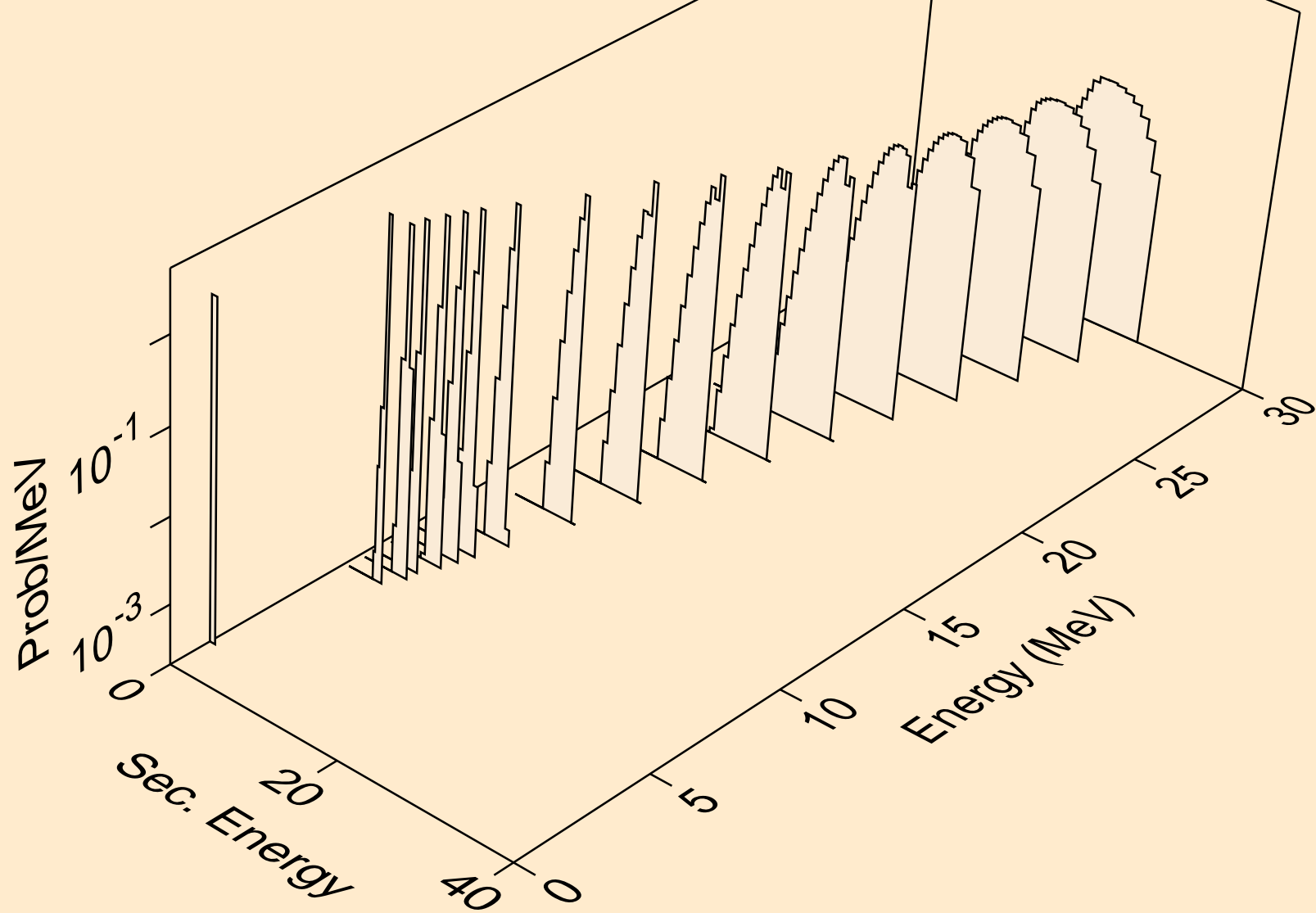
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he3s from (n,x)



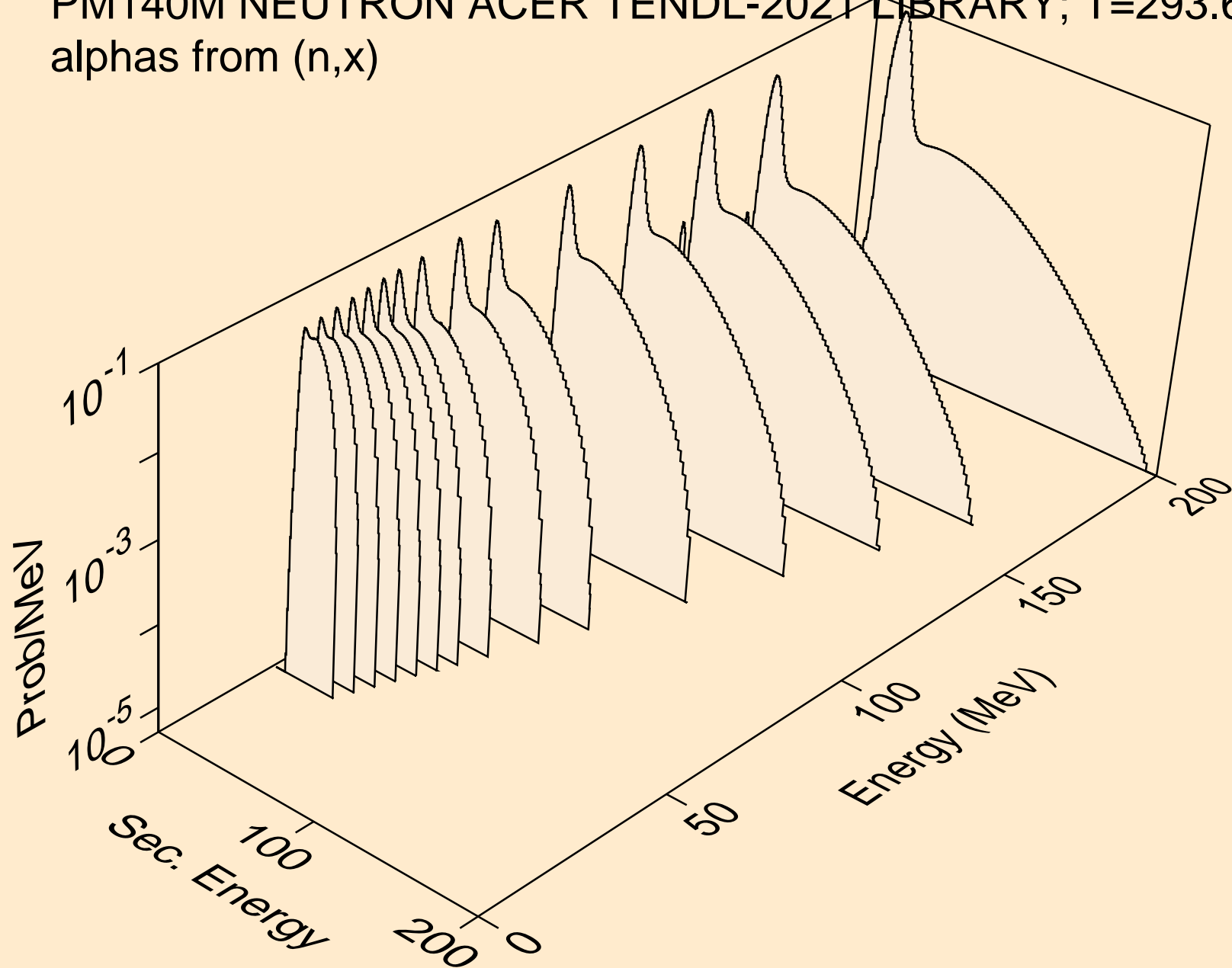
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



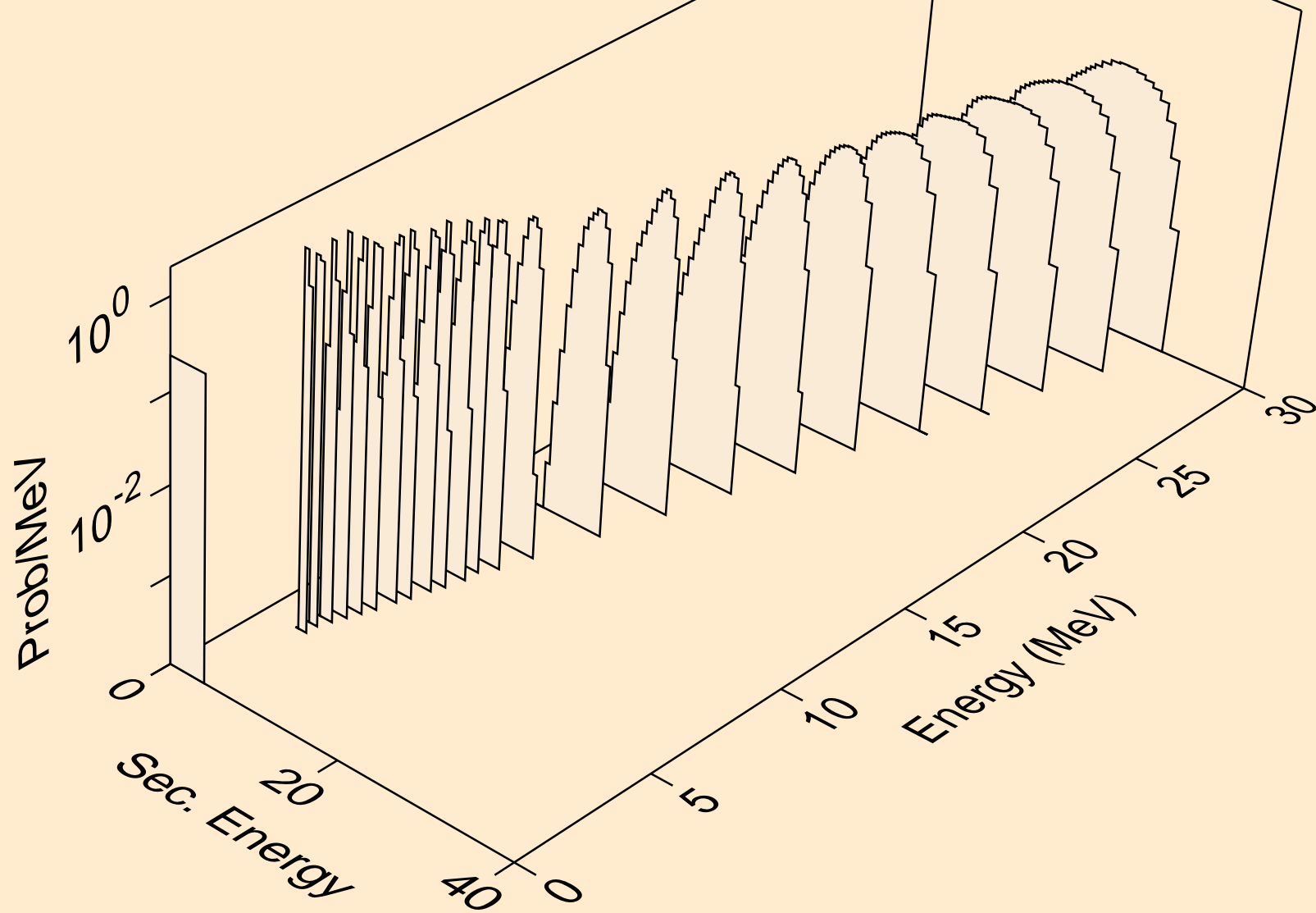
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he3s from (n,he3)



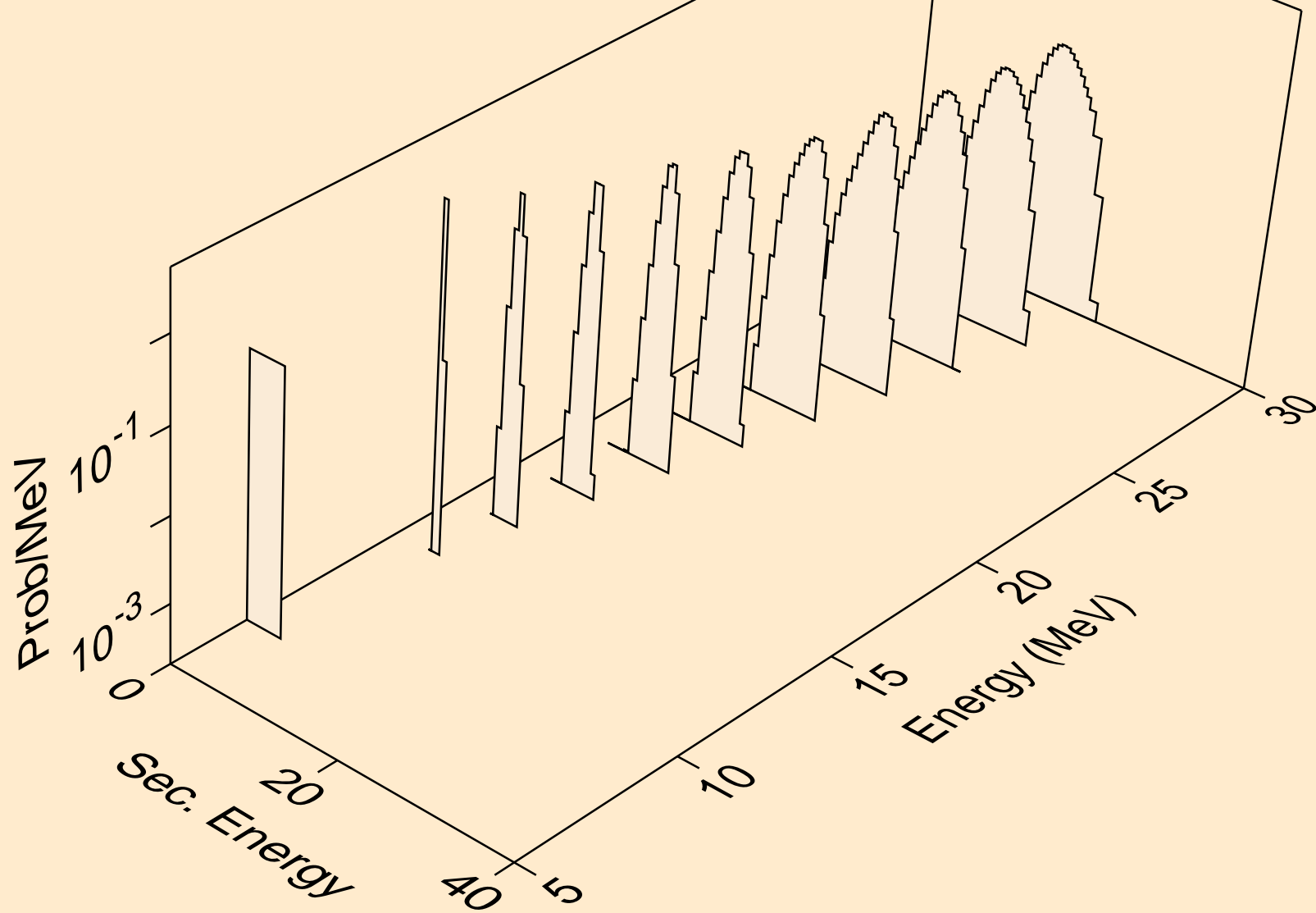
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



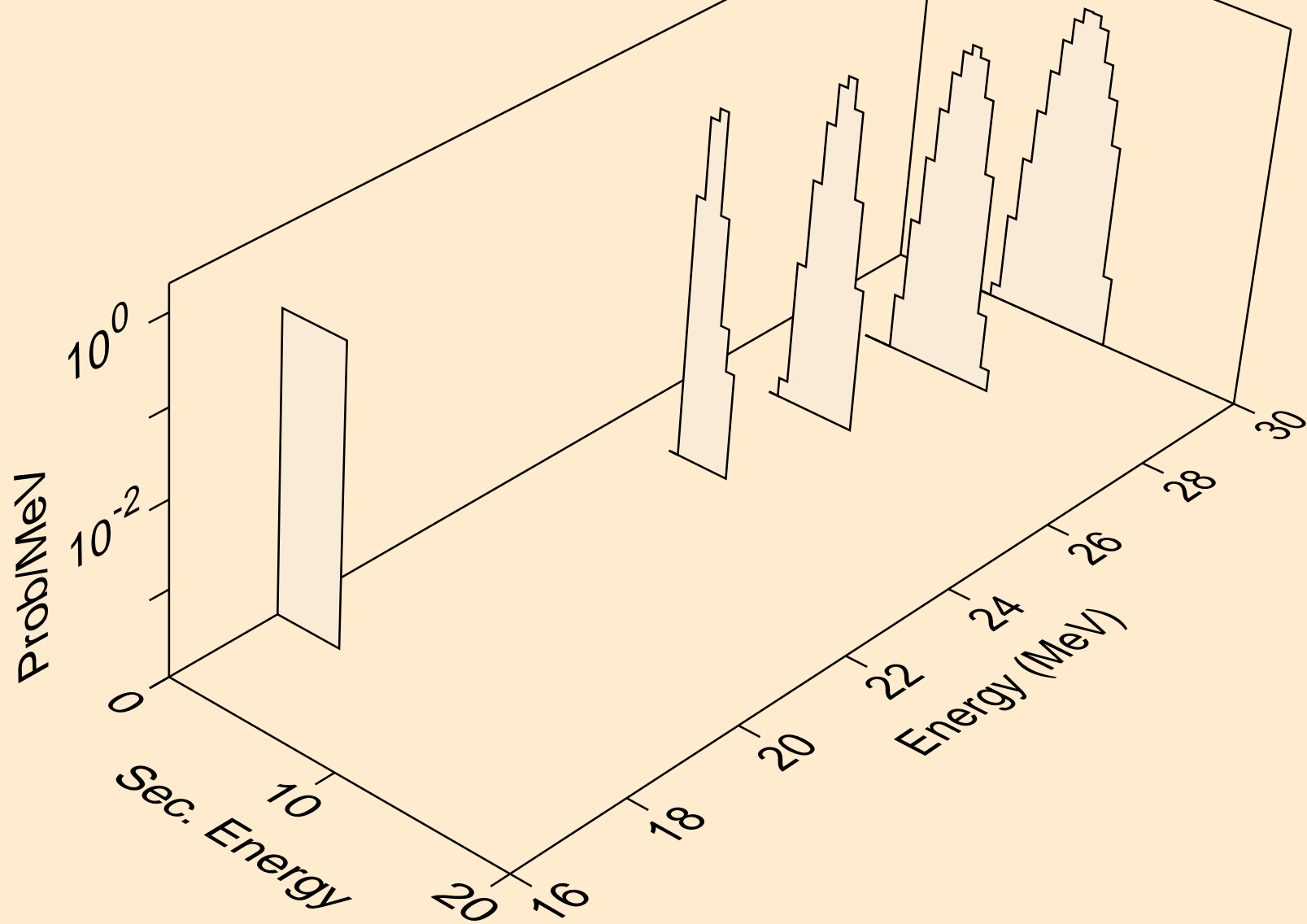
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



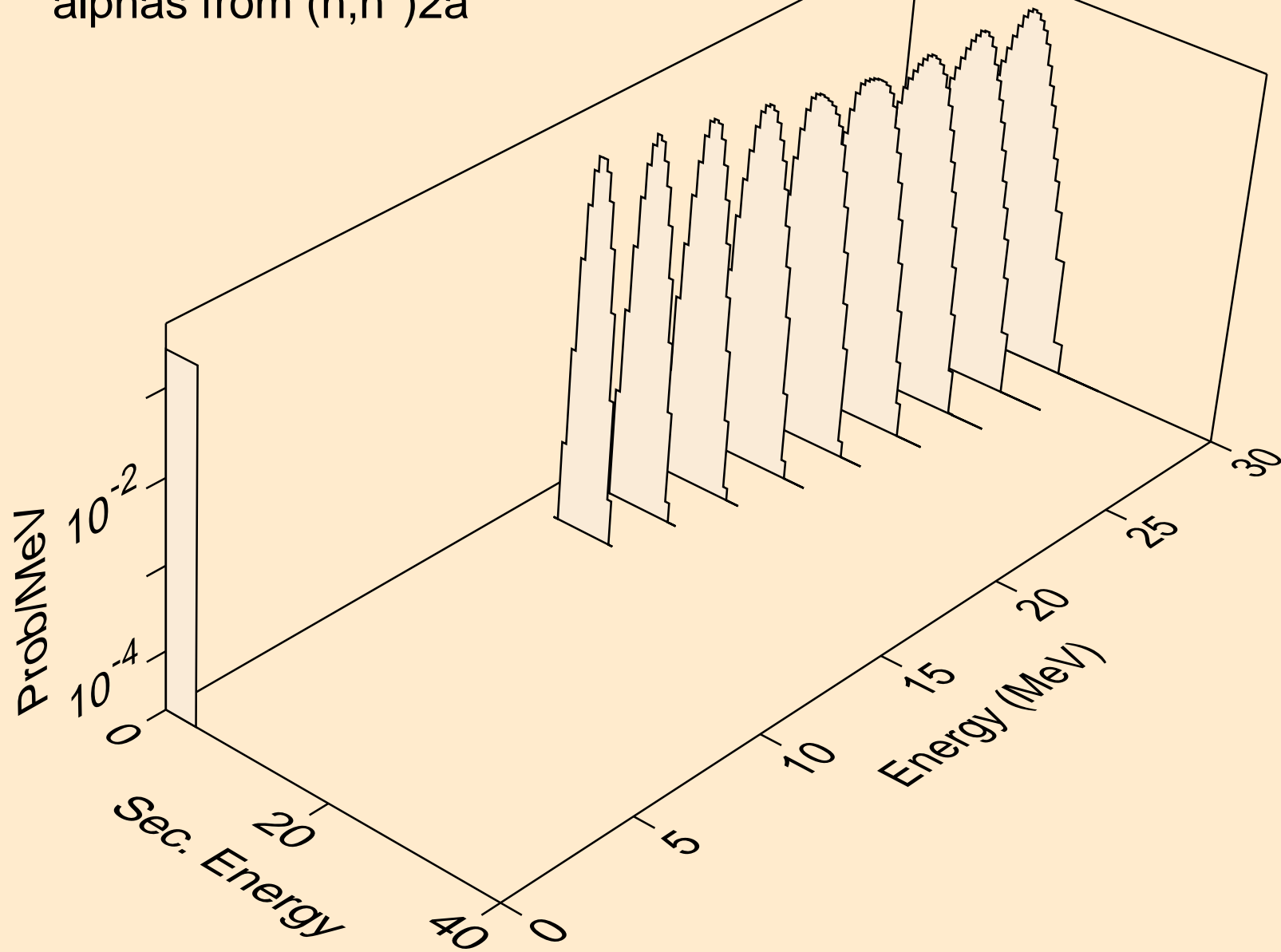
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

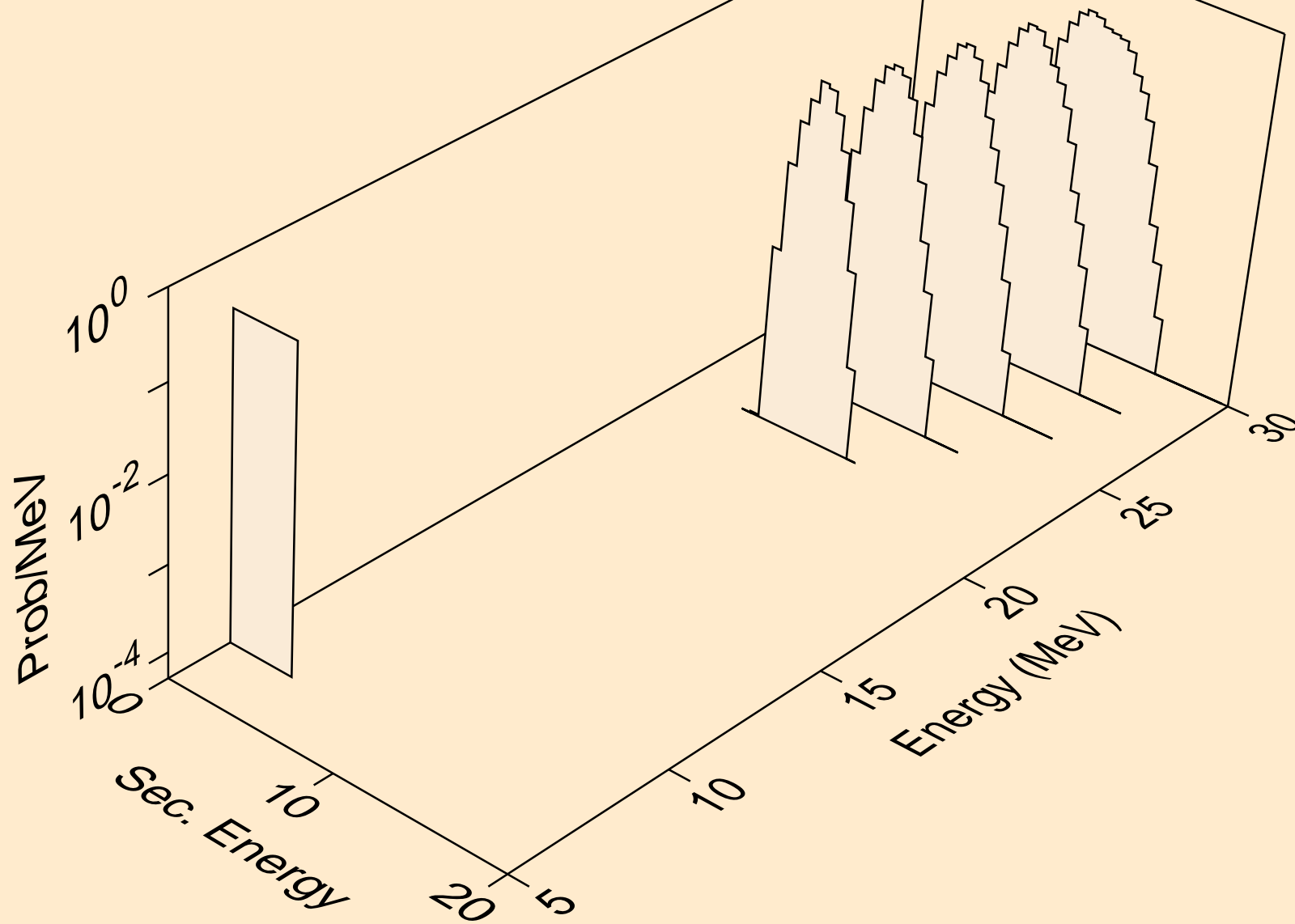


PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

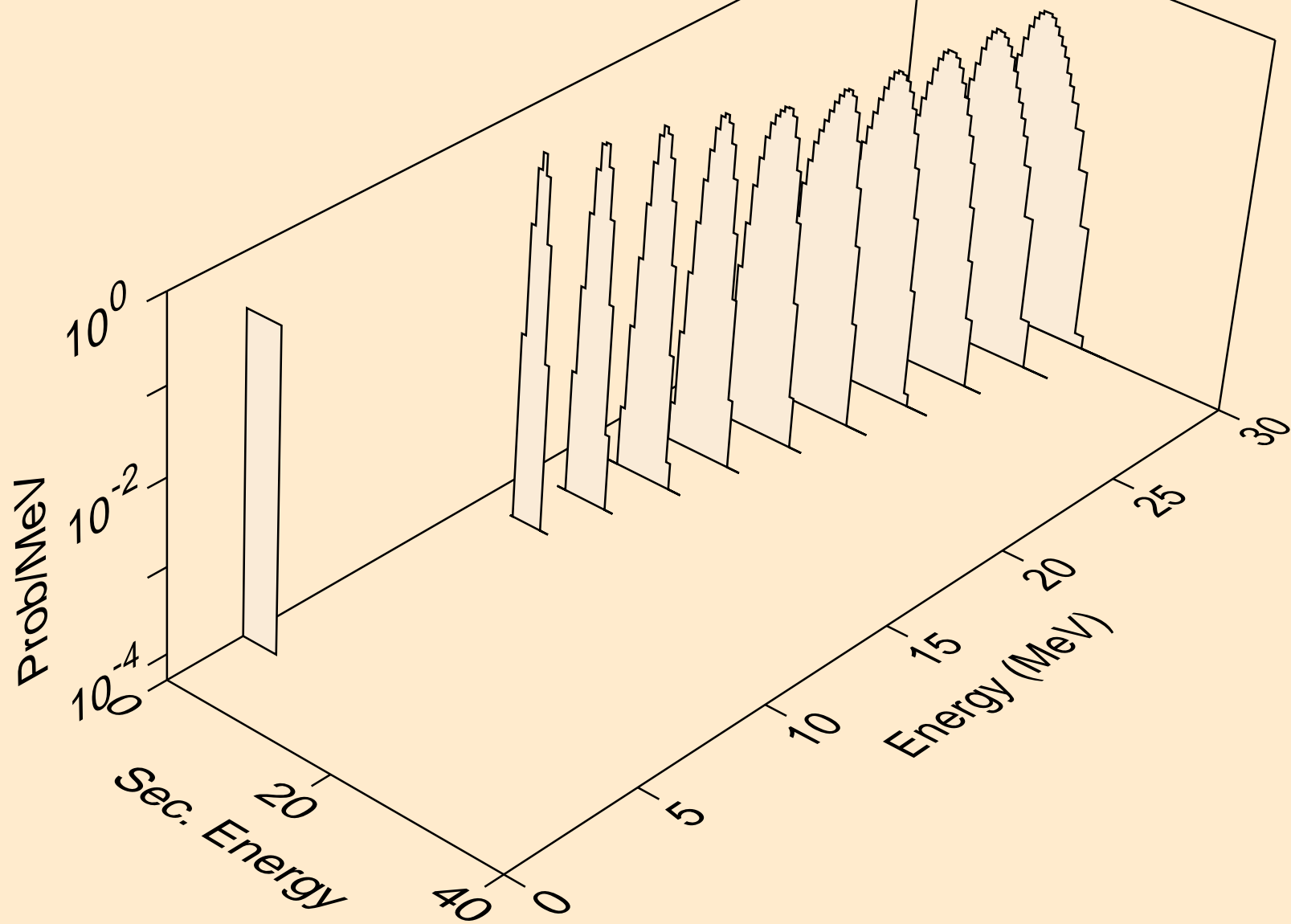




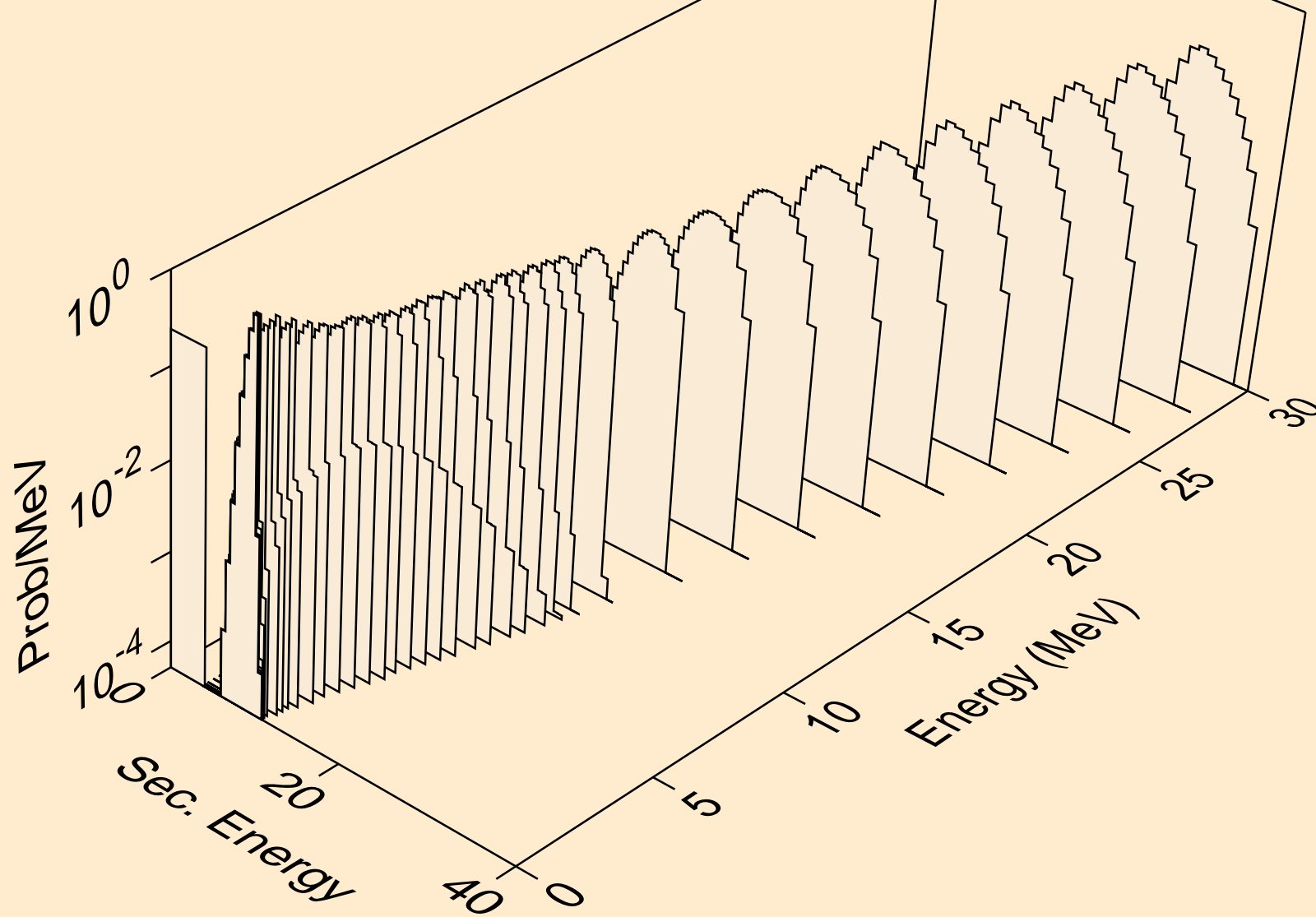
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alphas from (n,2n)2a



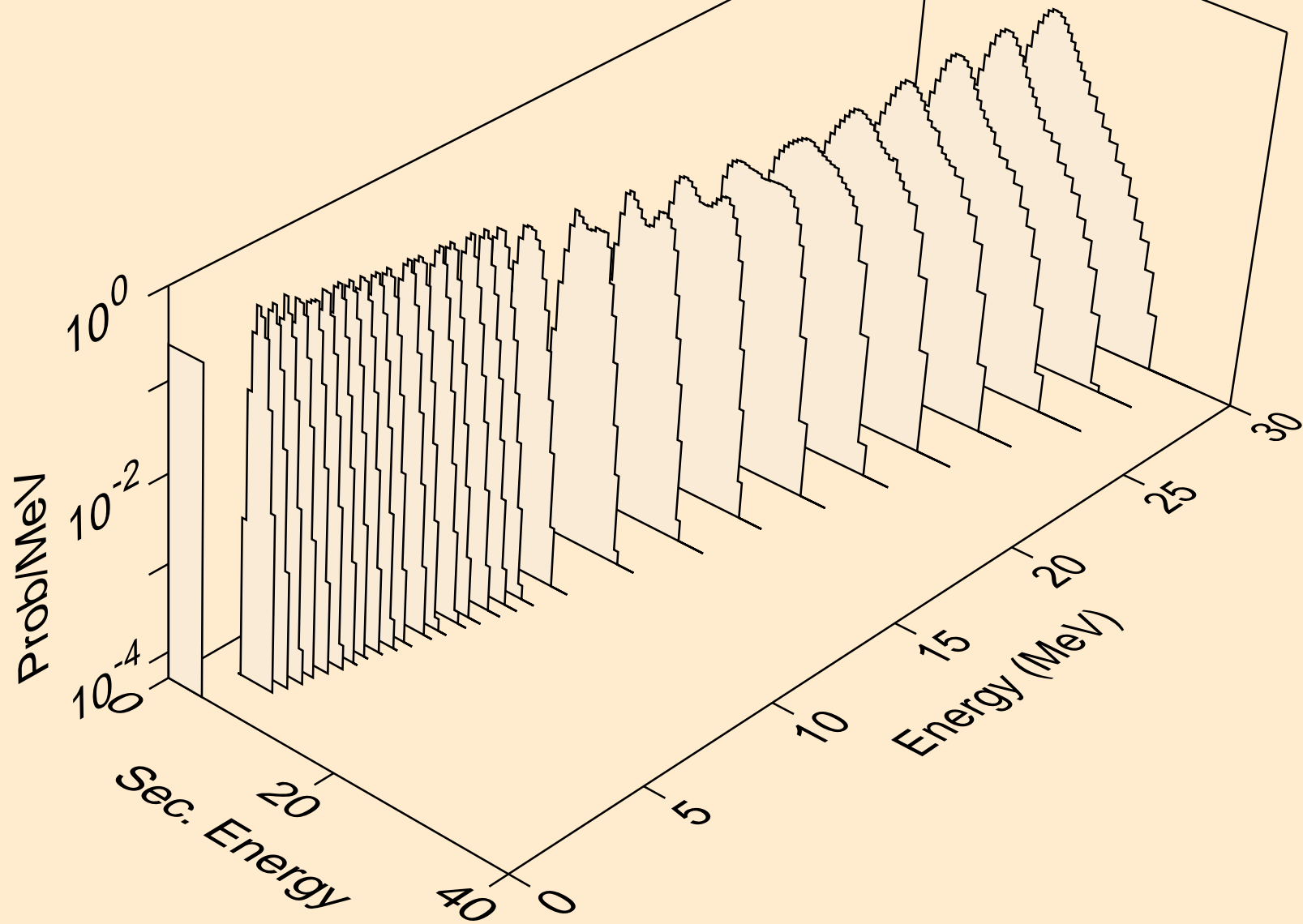
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



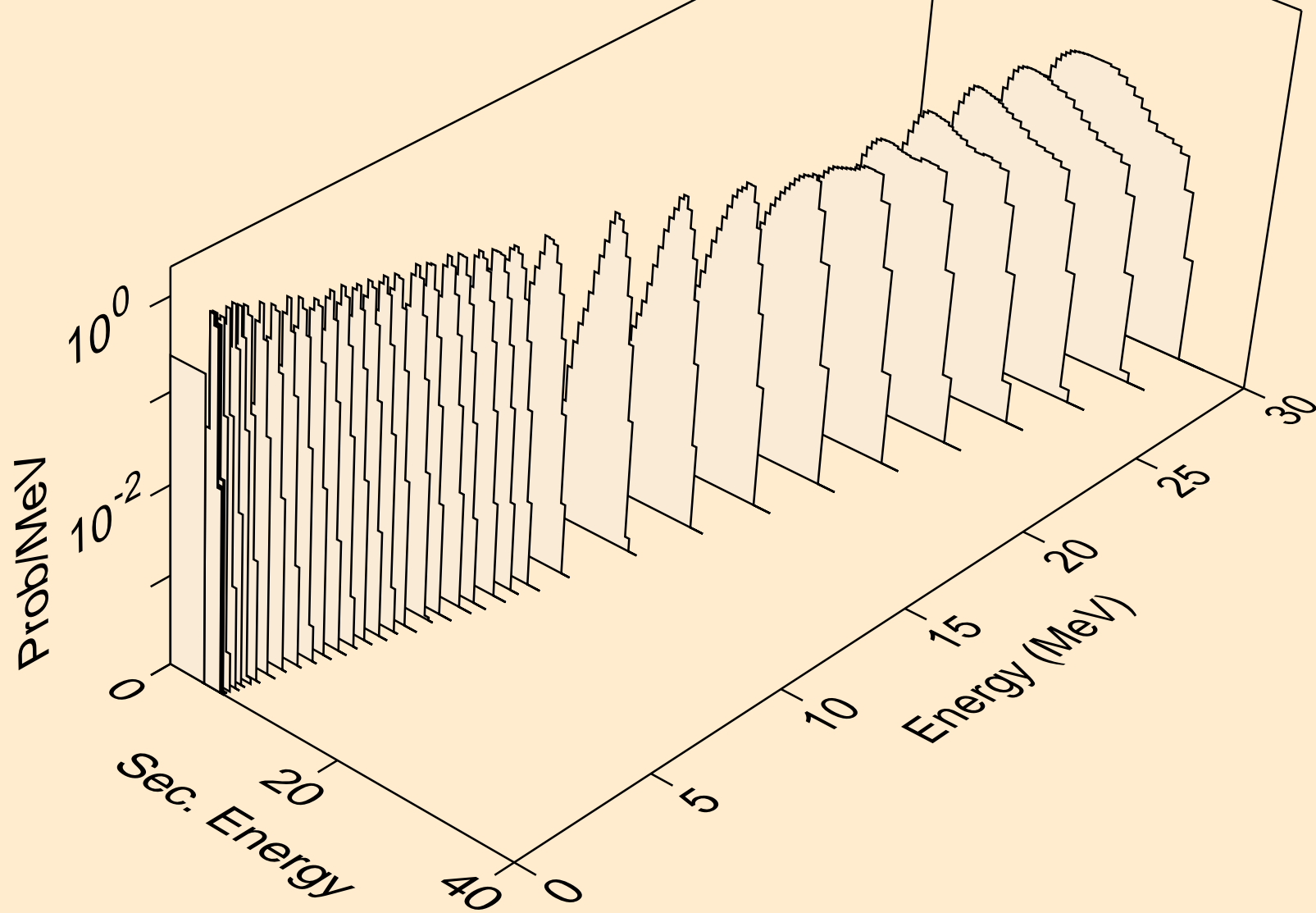
PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



PM140M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

