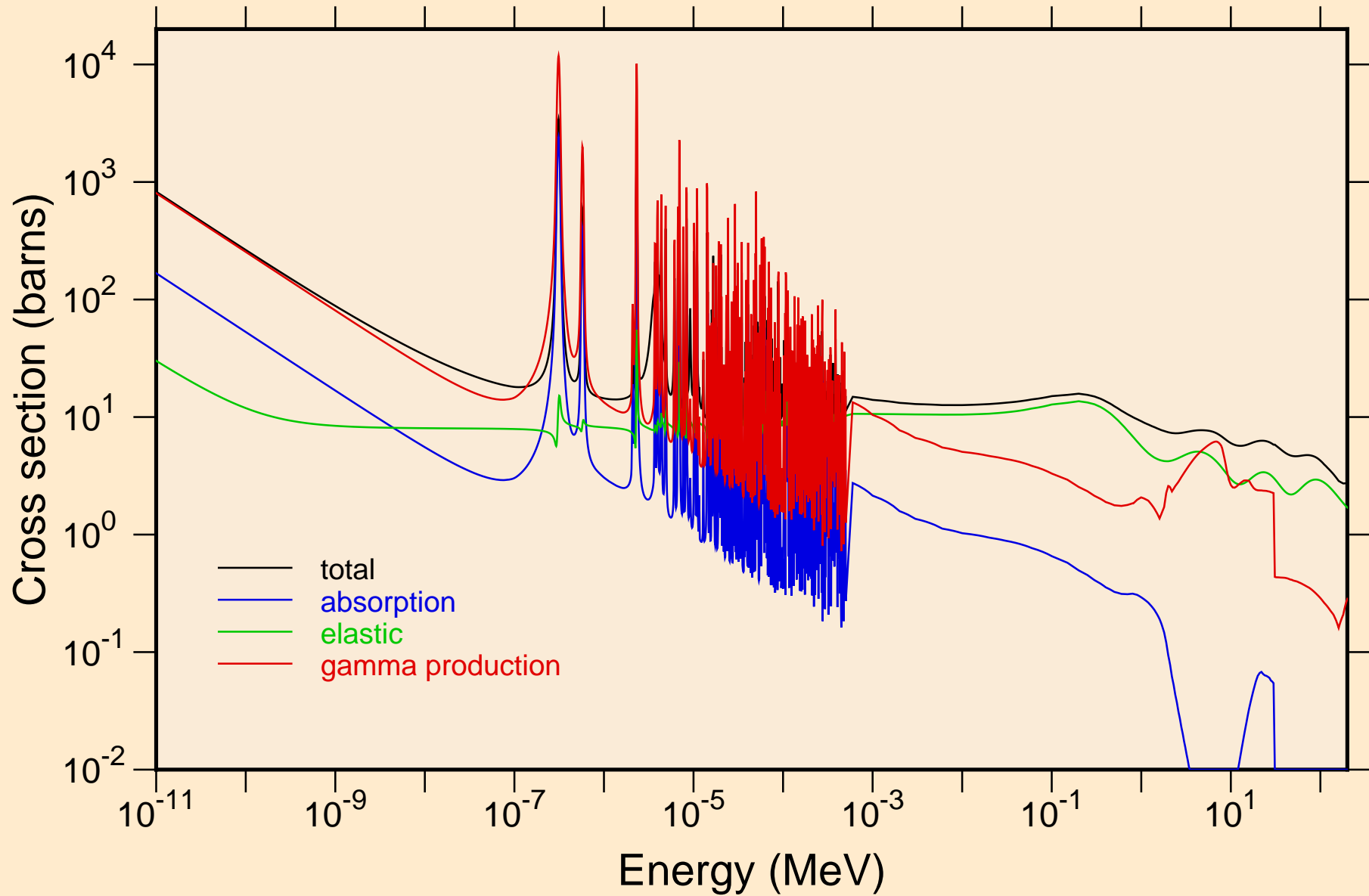
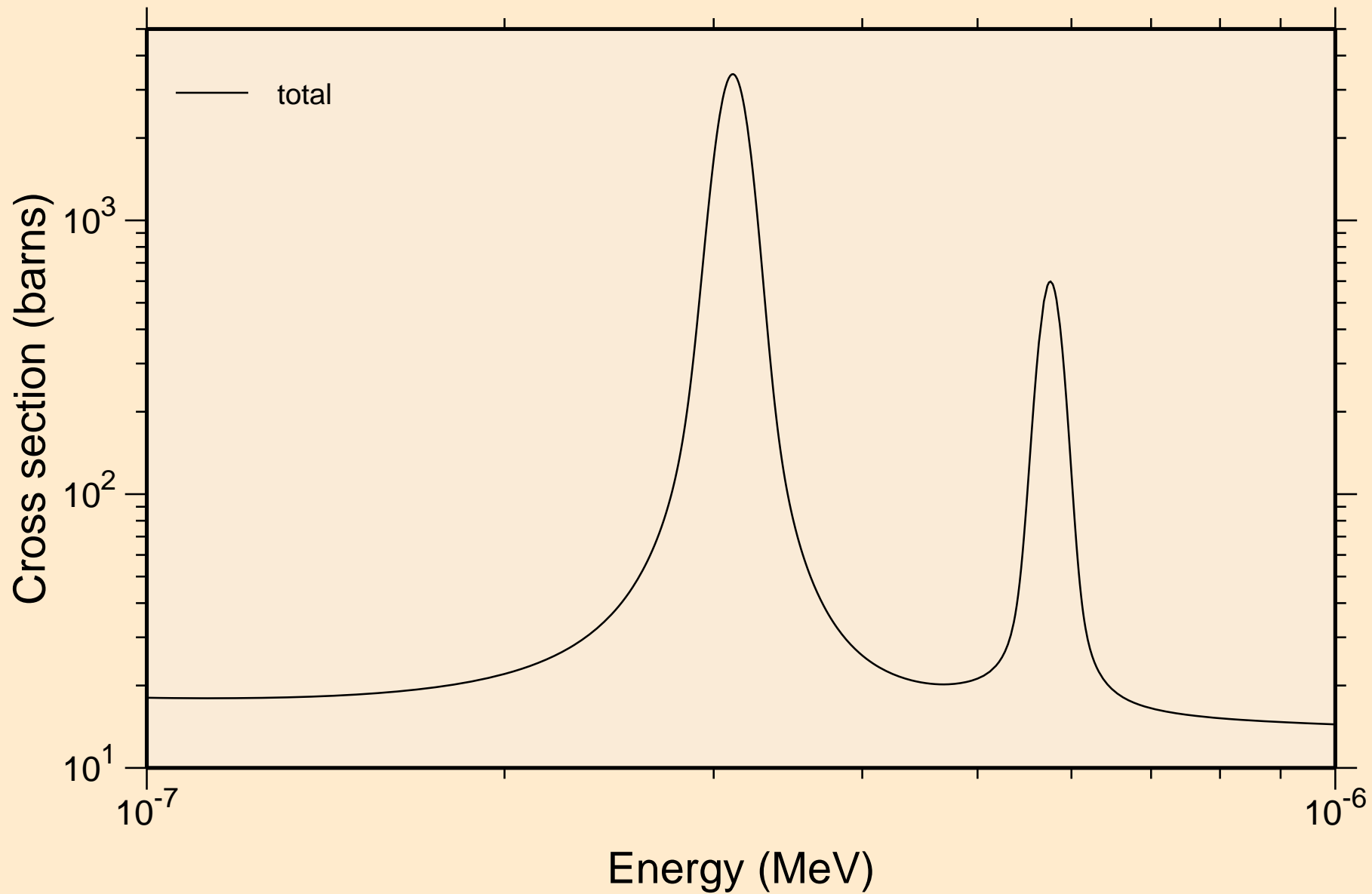


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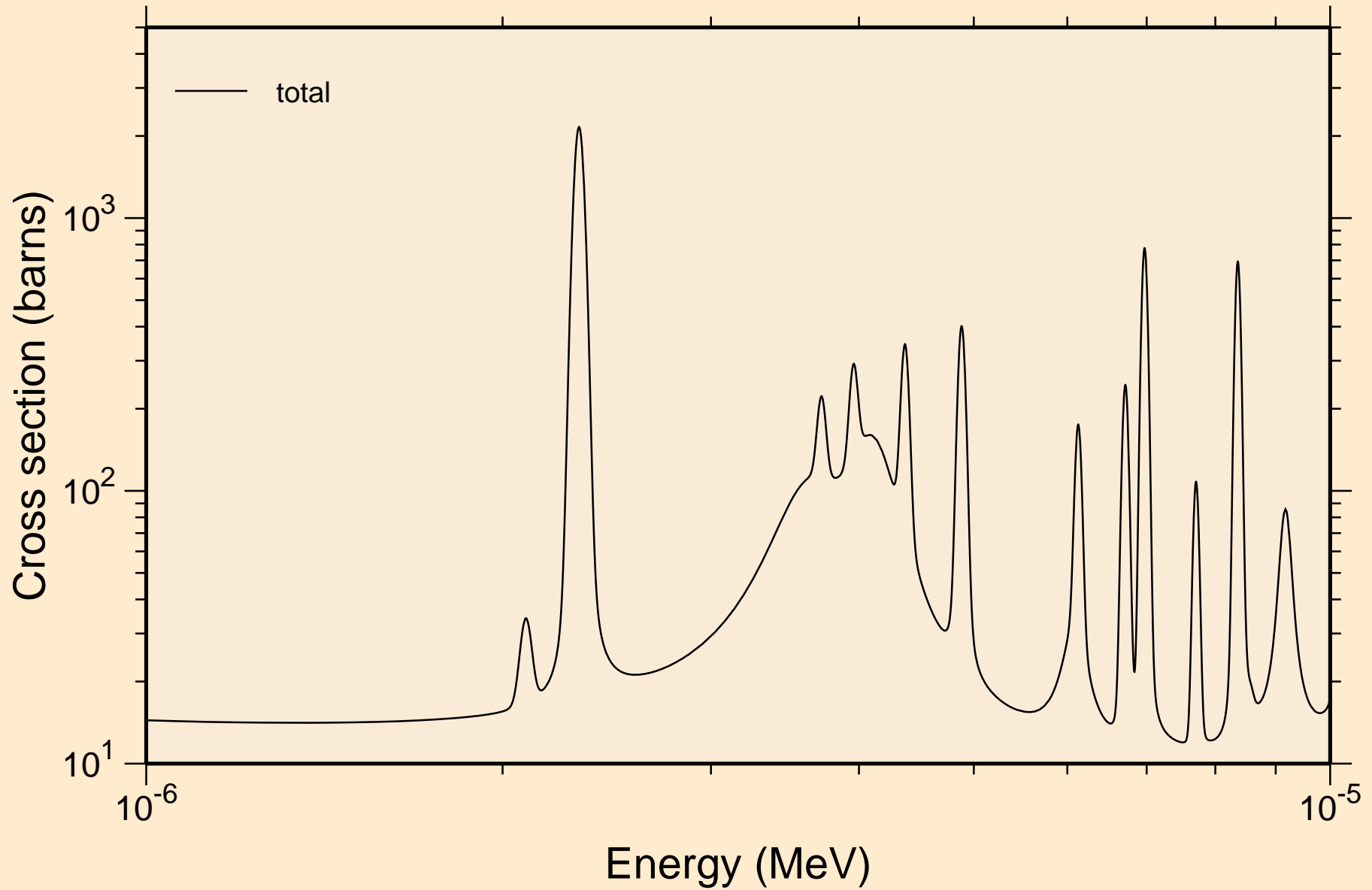
## Principal cross sections



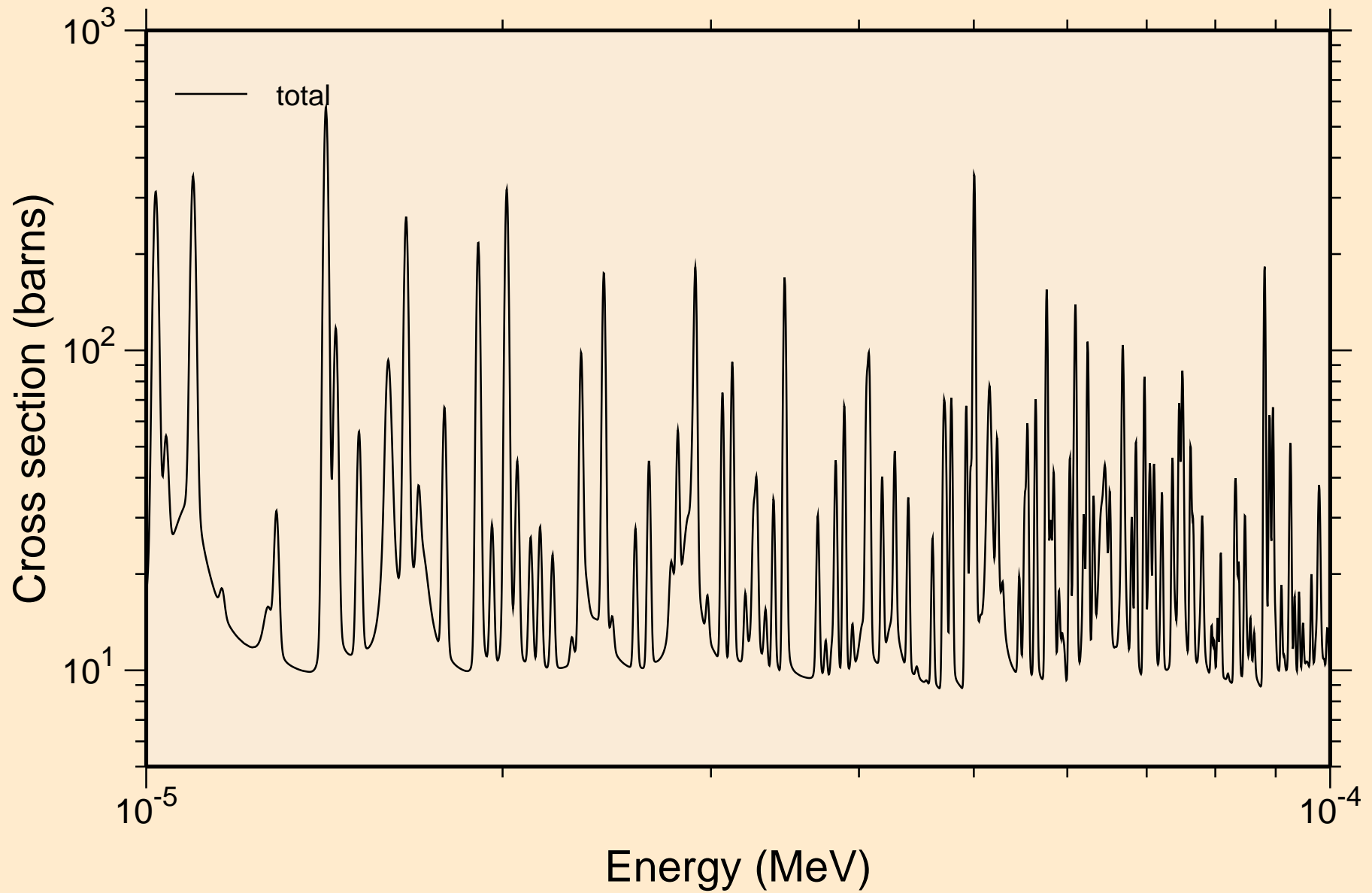
NO251M NRG TENDL-2016, AKONING  
resonance total cross section



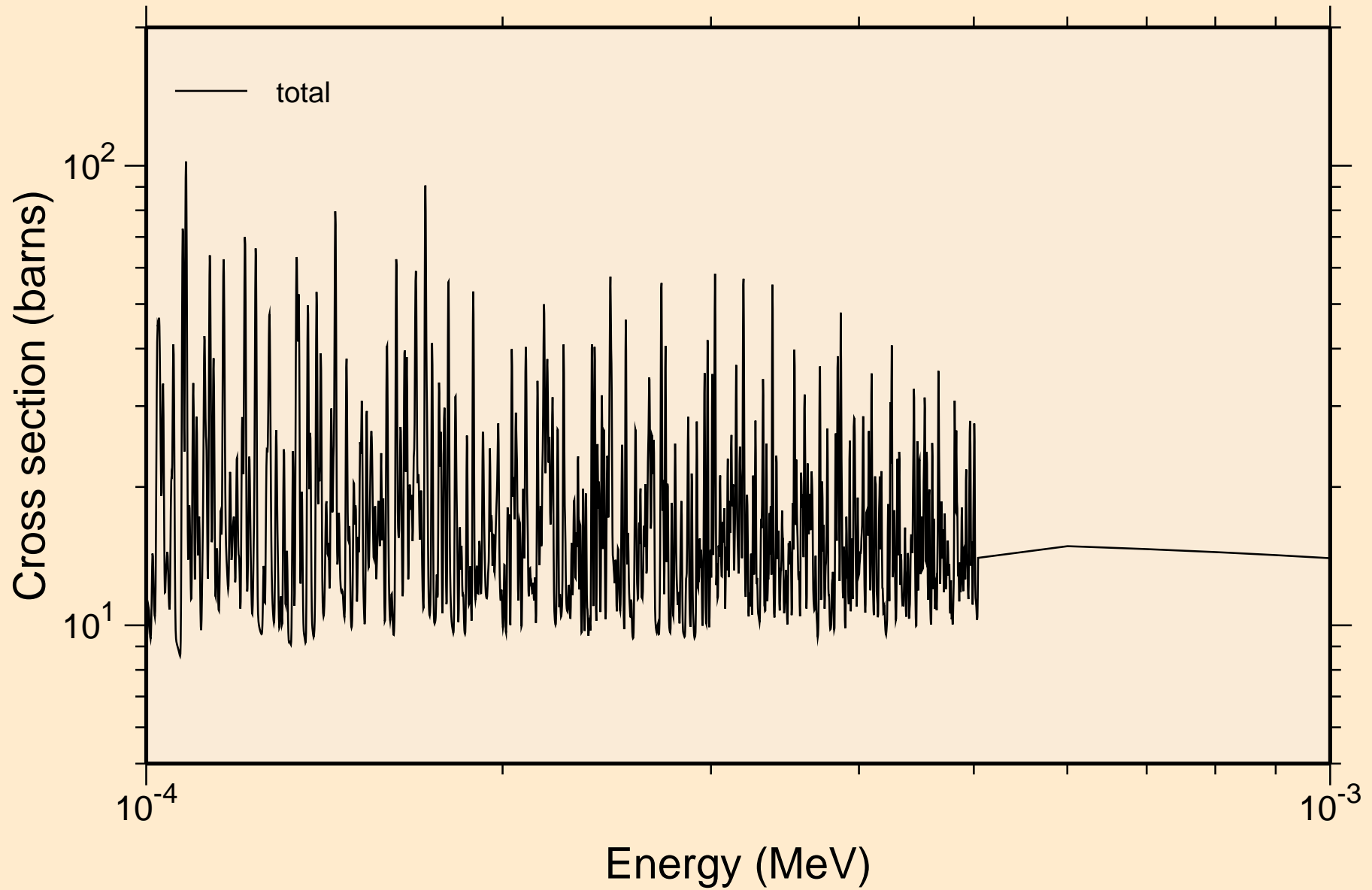
NO251M NRG TENDL-2016, AKONING  
resonance total cross section



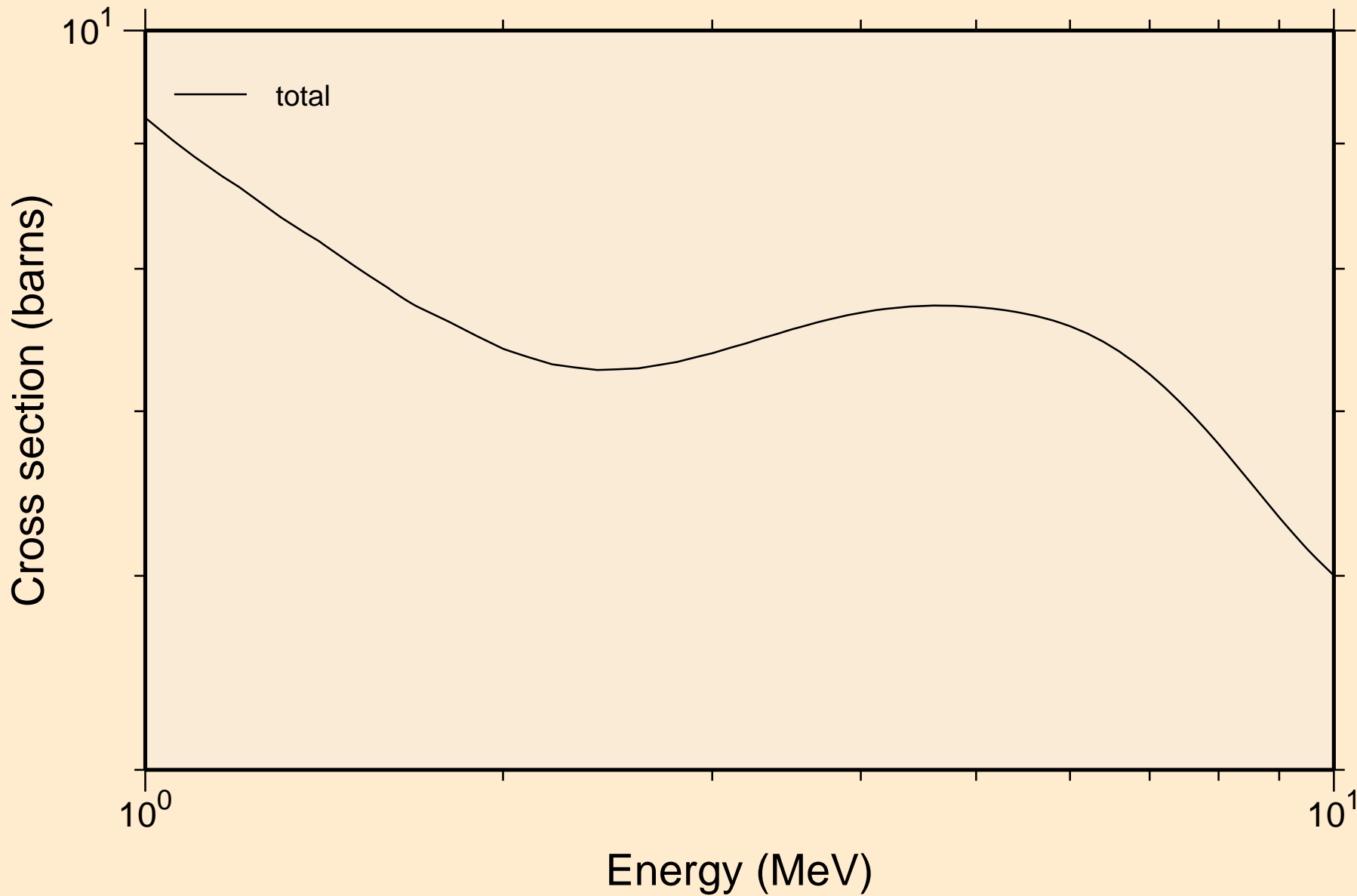
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resonance total cross section



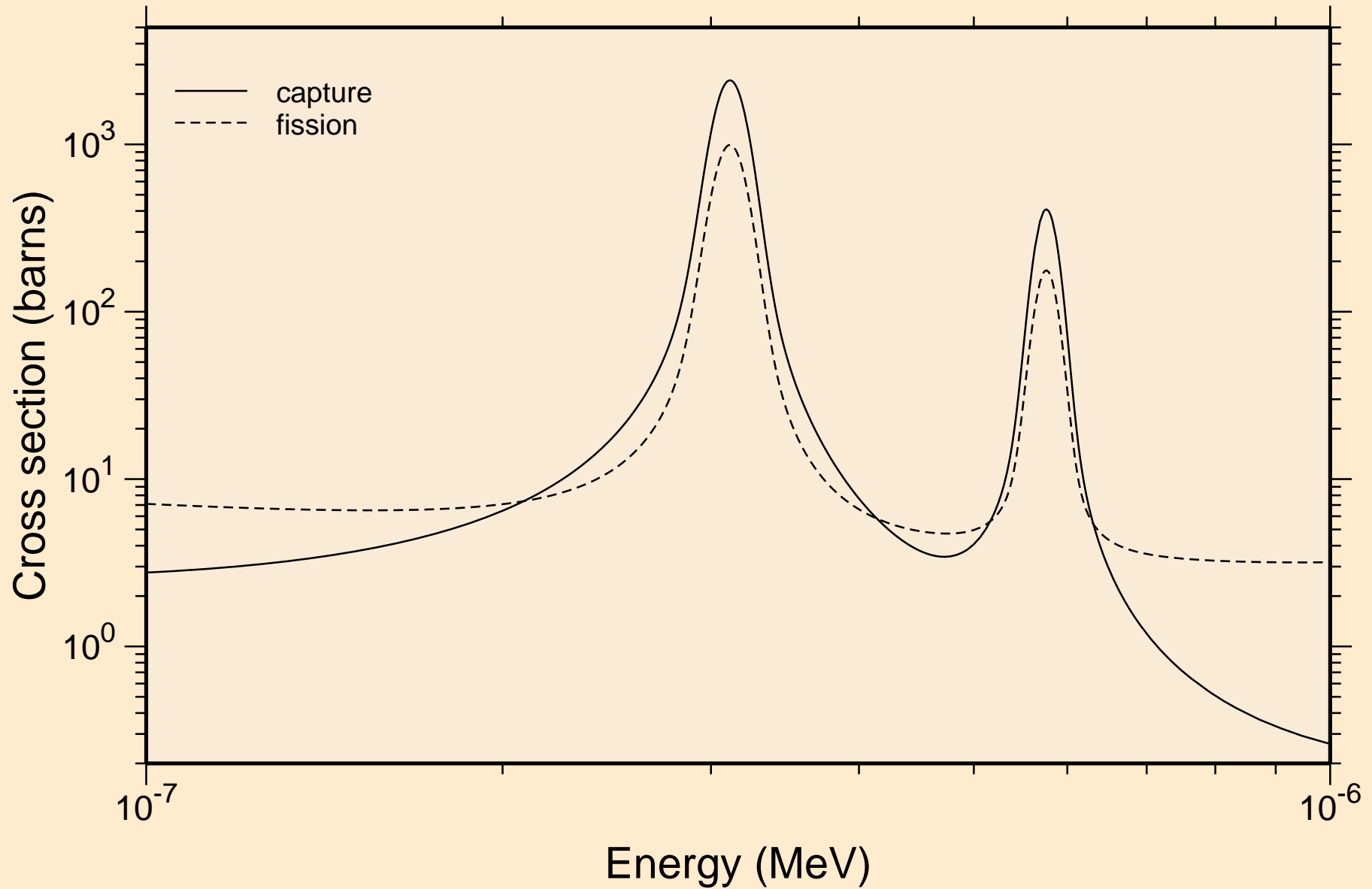
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resonance total cross section



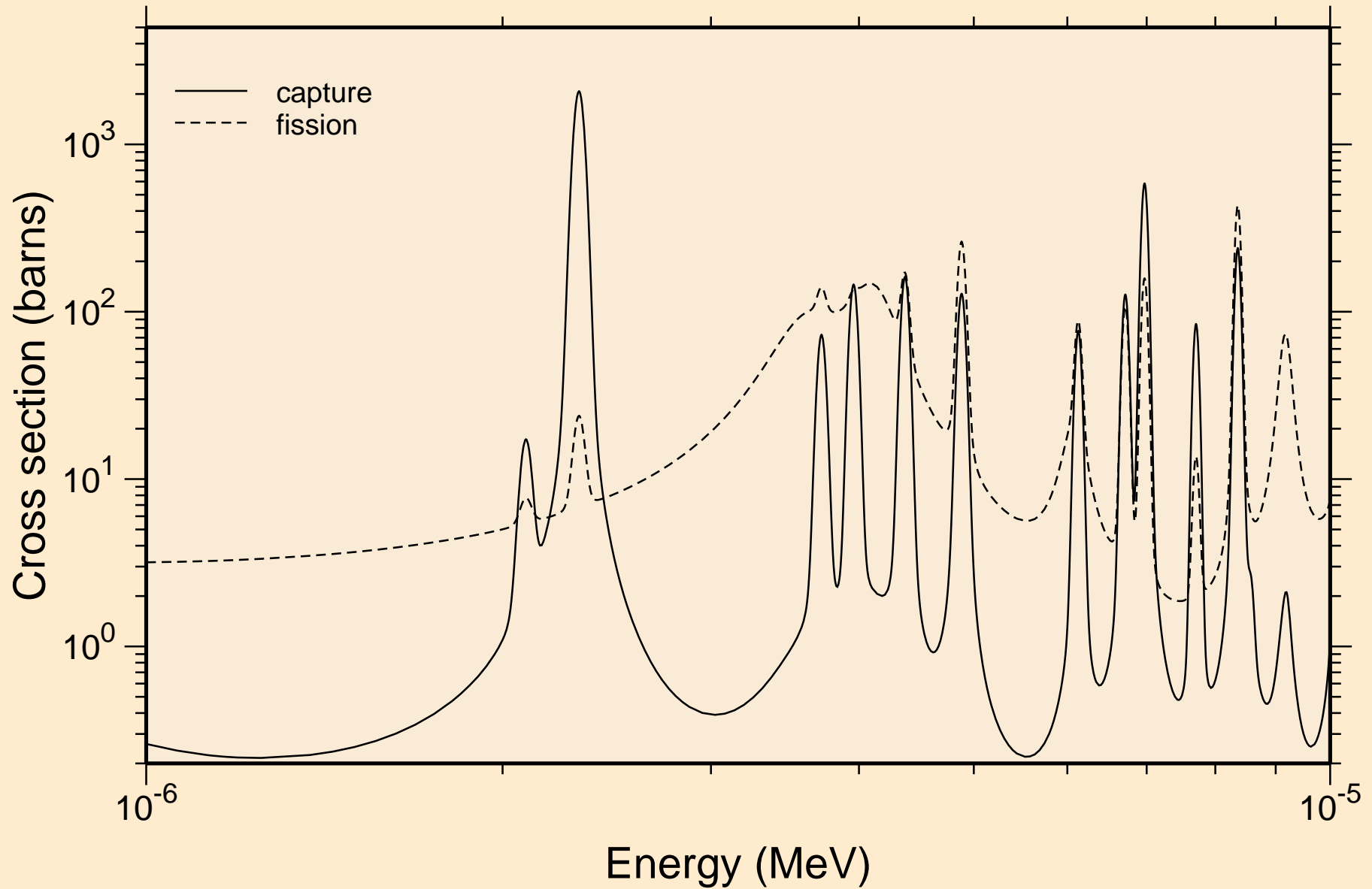
NO251M NRG TENDL-2016, AKONING  
resonance total cross section



NO251M NRG TENDL-2016, AKONING  
resonance absorption cross sections

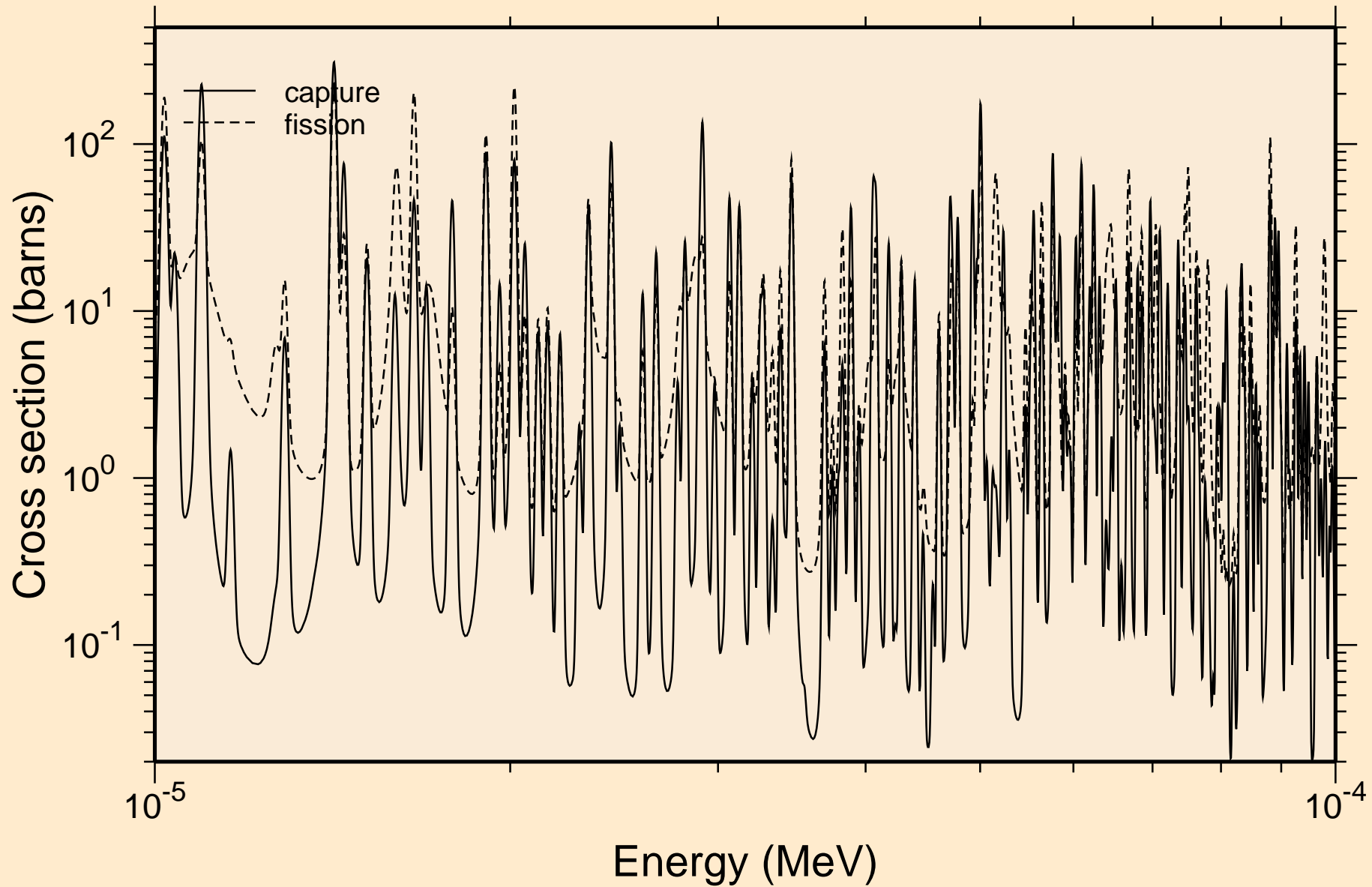


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resonance absorption cross sections

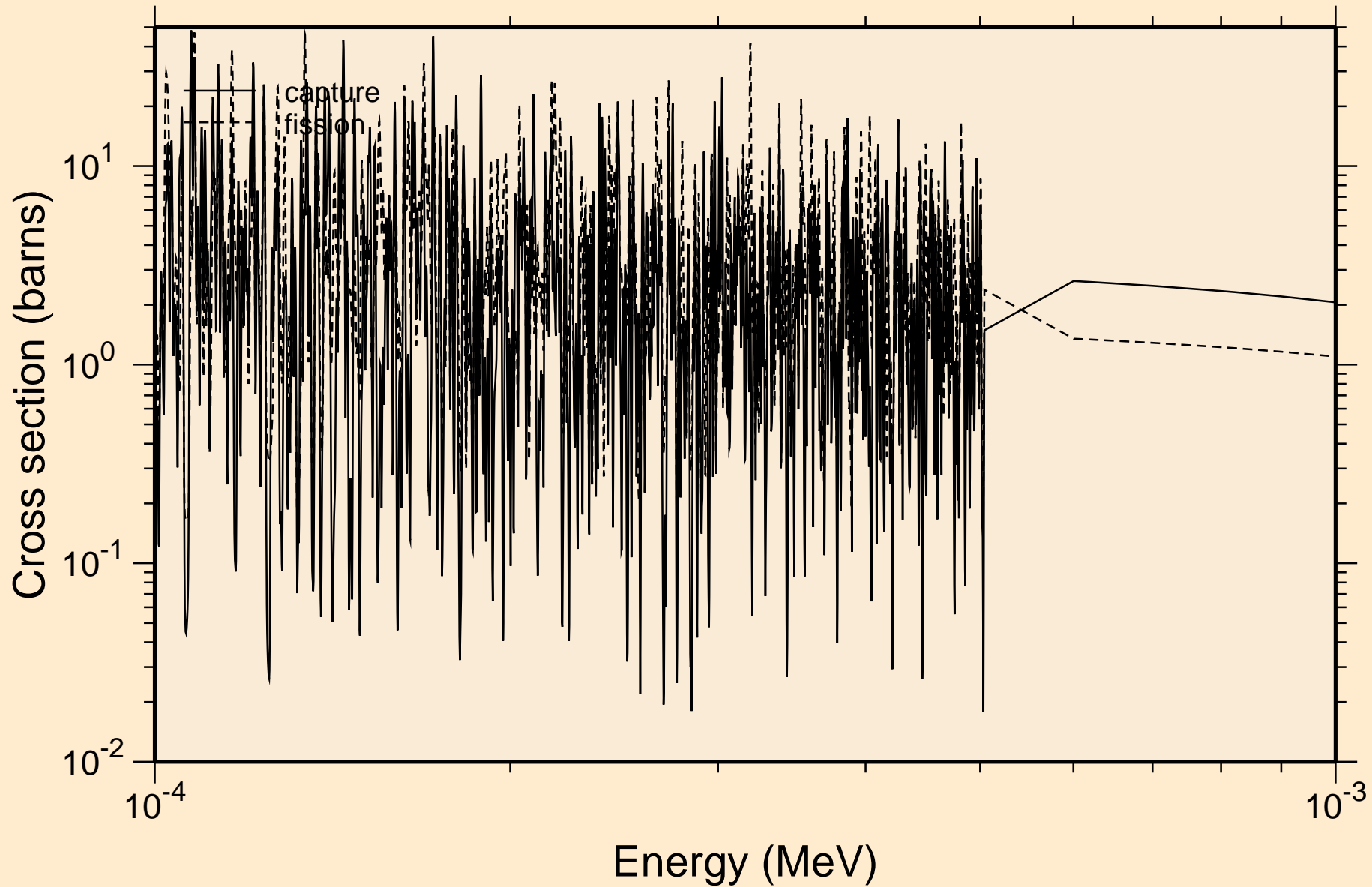




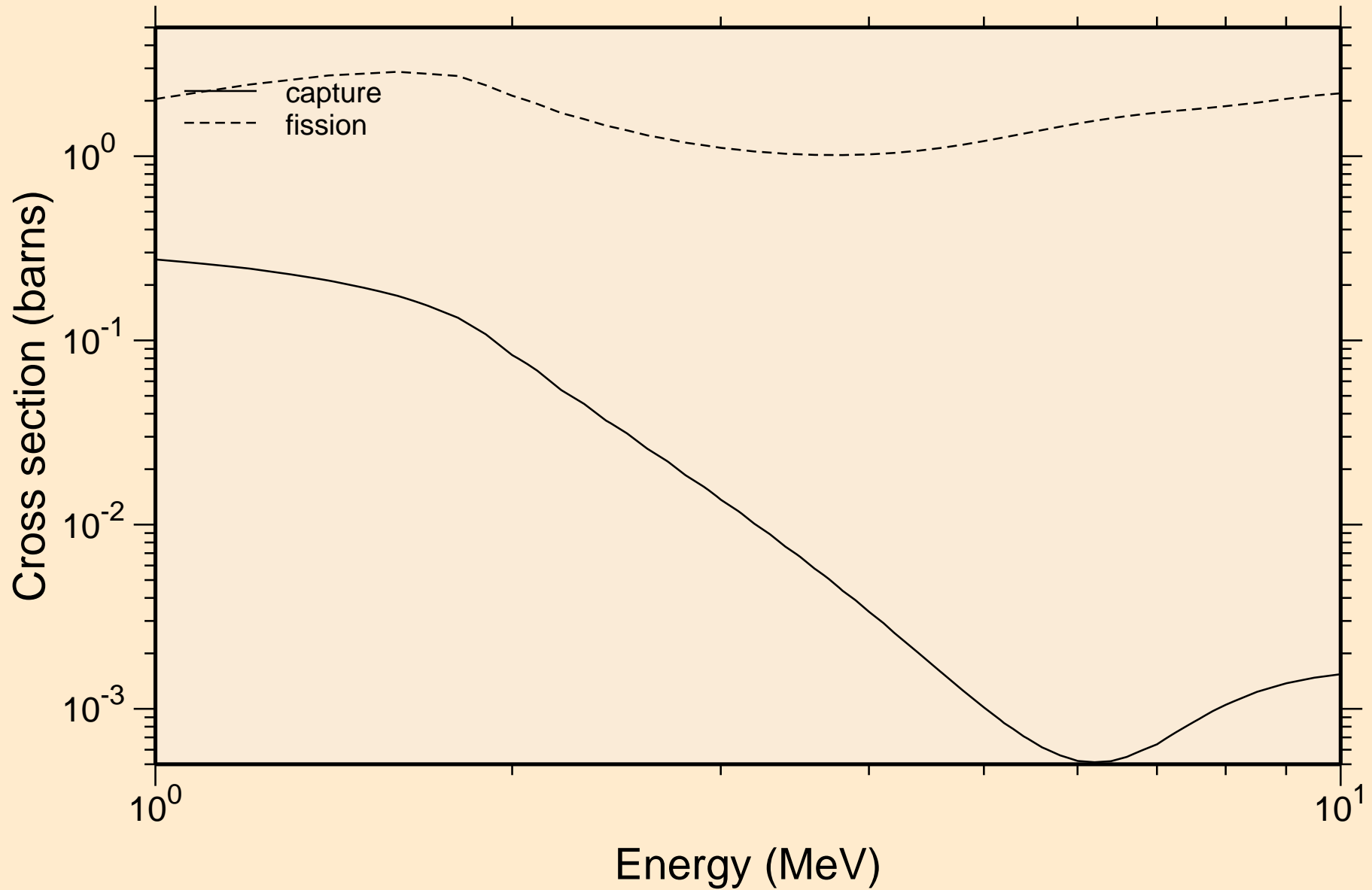
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resonance absorption cross sections



NO251M NRG TENDL-2016, AKONING  
resonance absorption cross sections

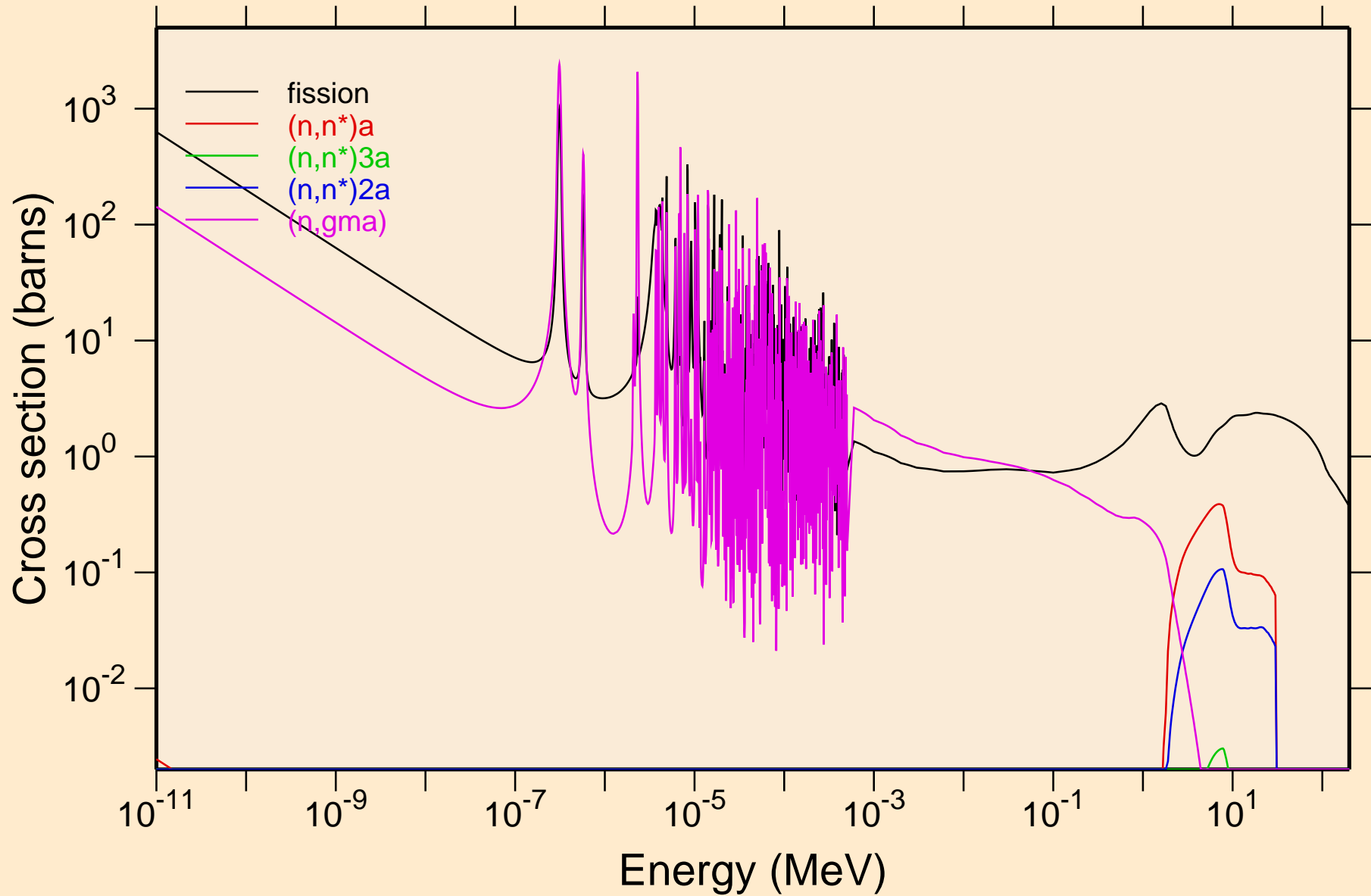


NO251M NRG TENDL-2016, AKONING  
resonance absorption cross sections



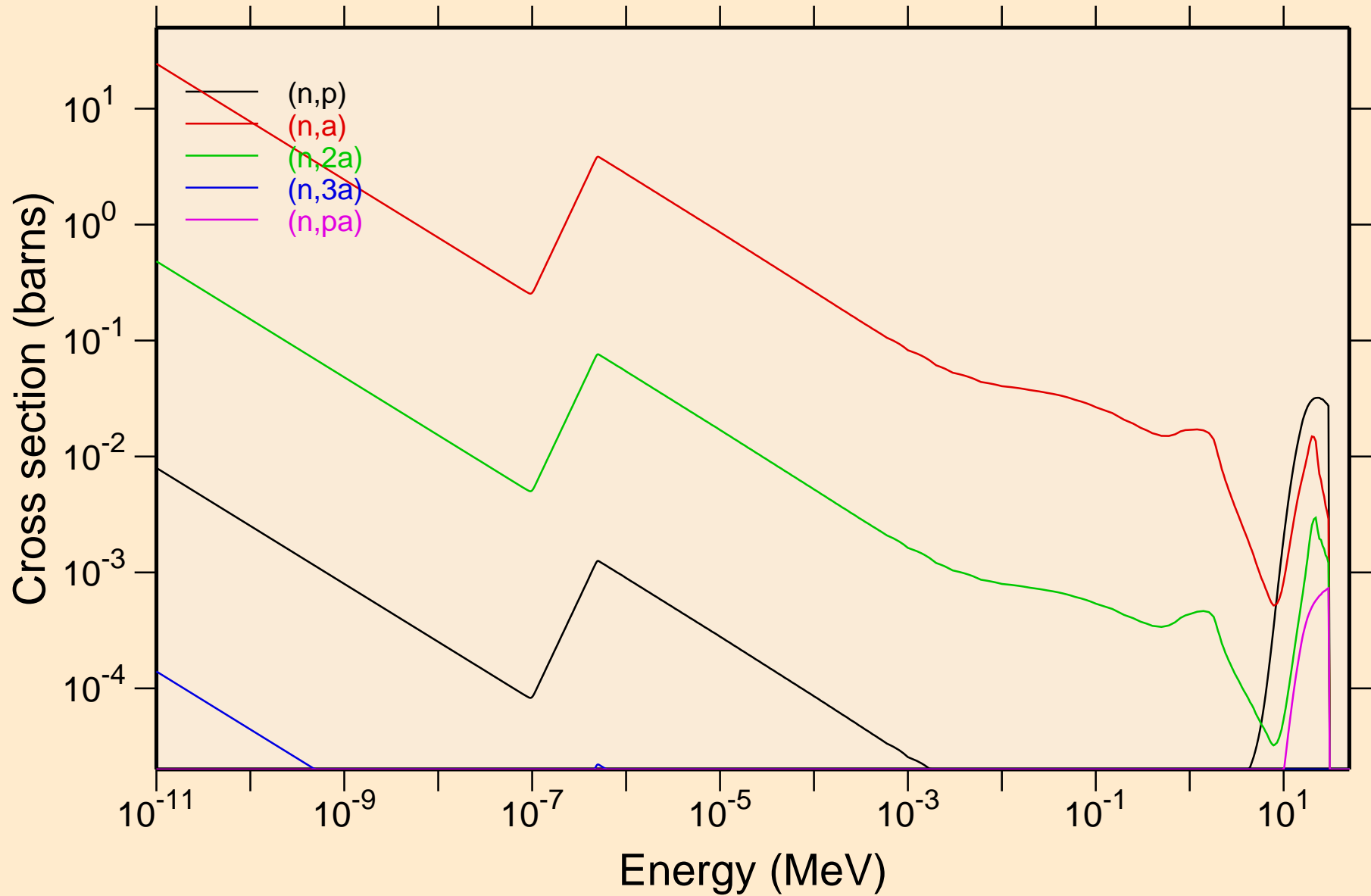
# NO251M NRG TENDL-2016, AKONING

## Non-threshold reactions



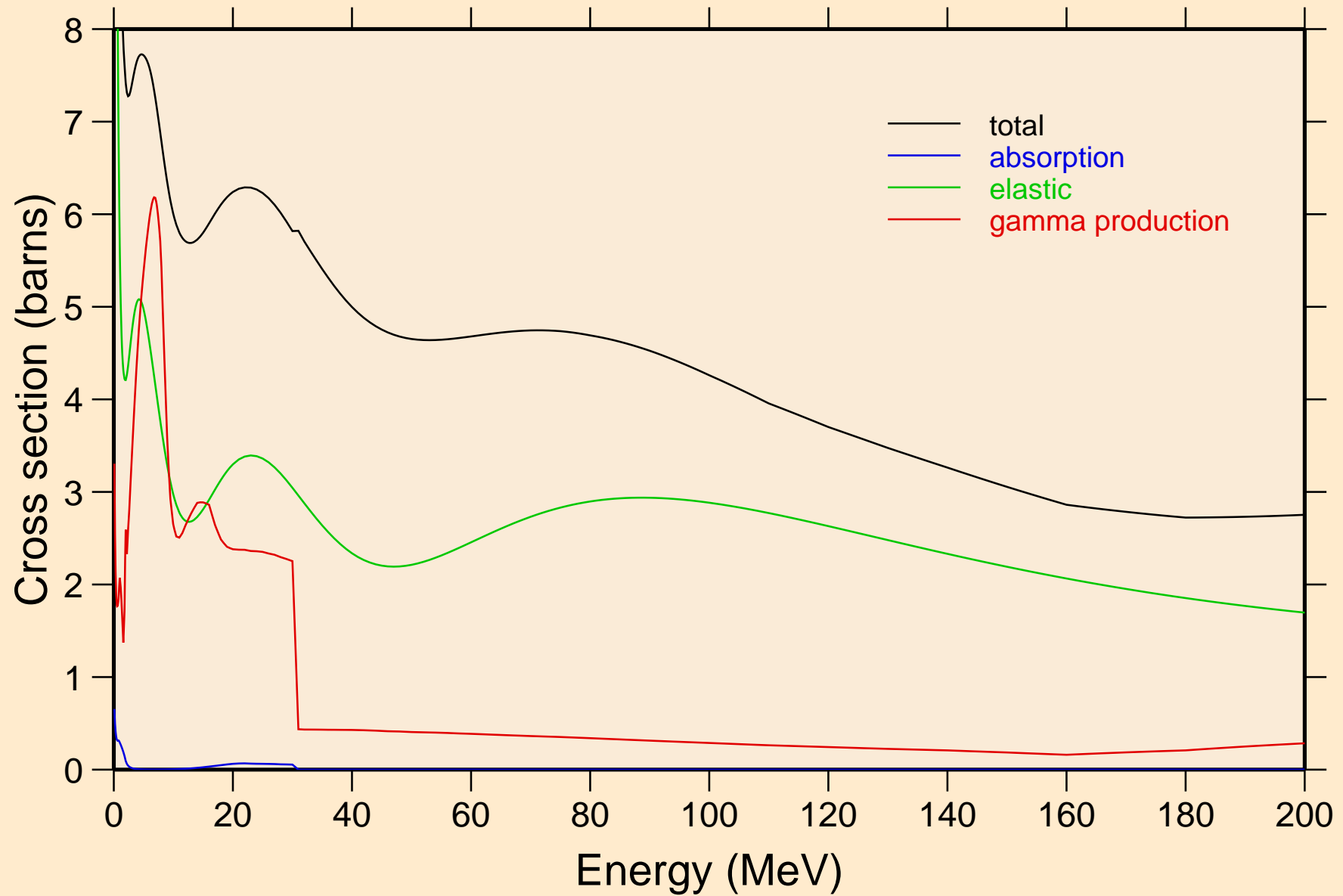
# NO251M NRG TENDL-2016, AKONING

## Non-threshold reactions



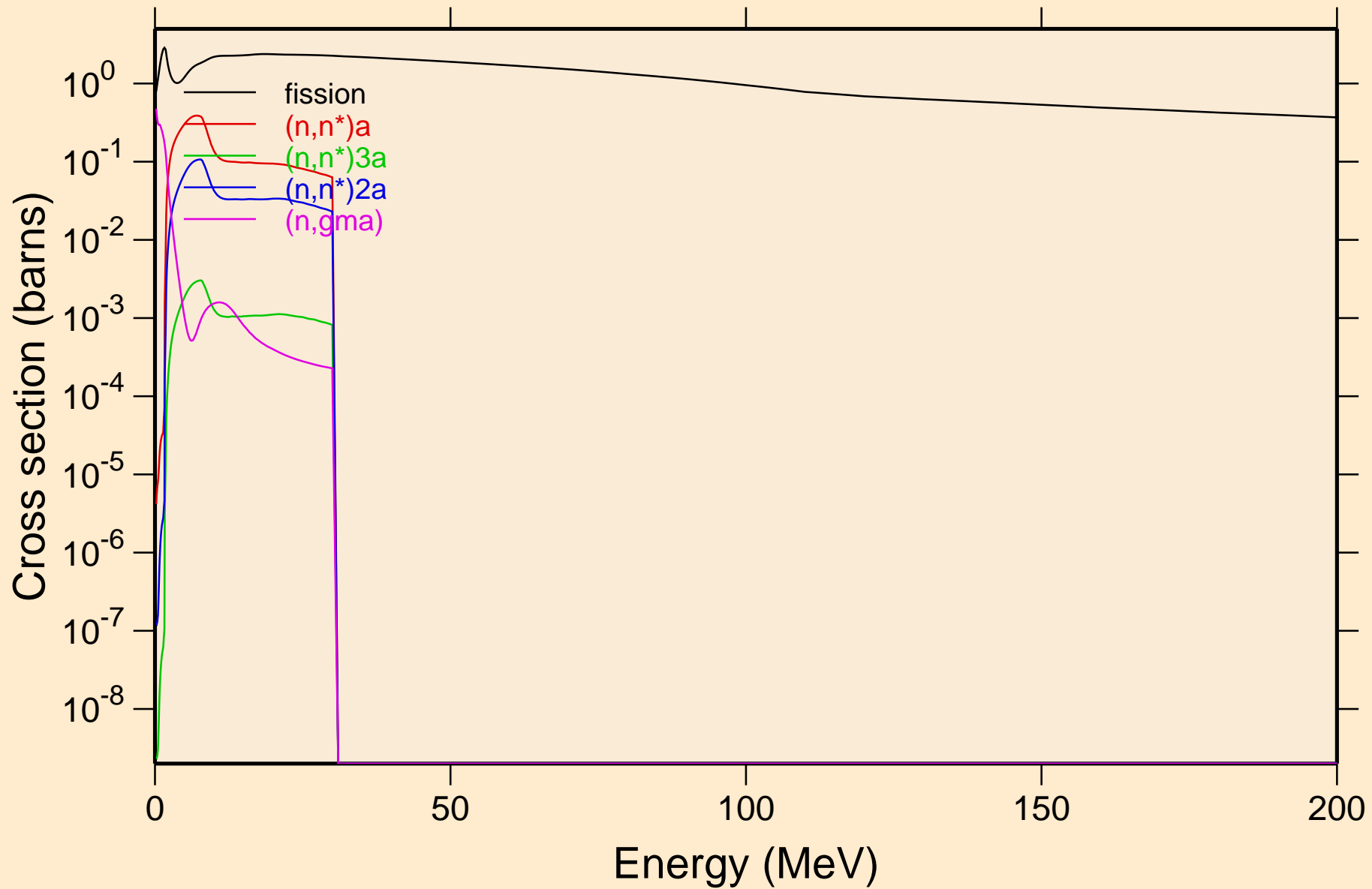
# NO251M NRG TENDL-2016, AKONING

## Principal cross sections

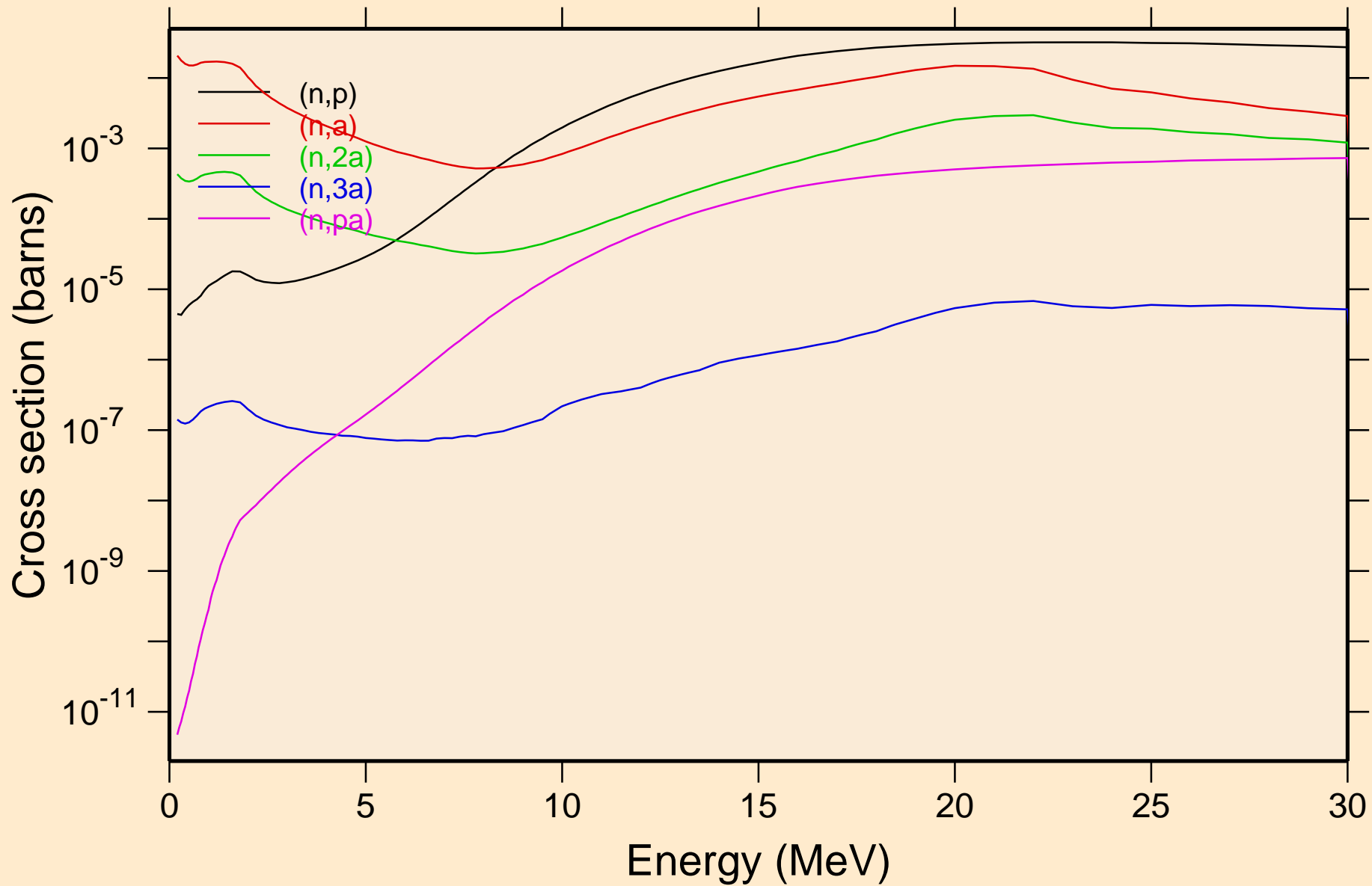


# NO251M NRG TENDL-2016, AKONING

## Non-threshold reactions

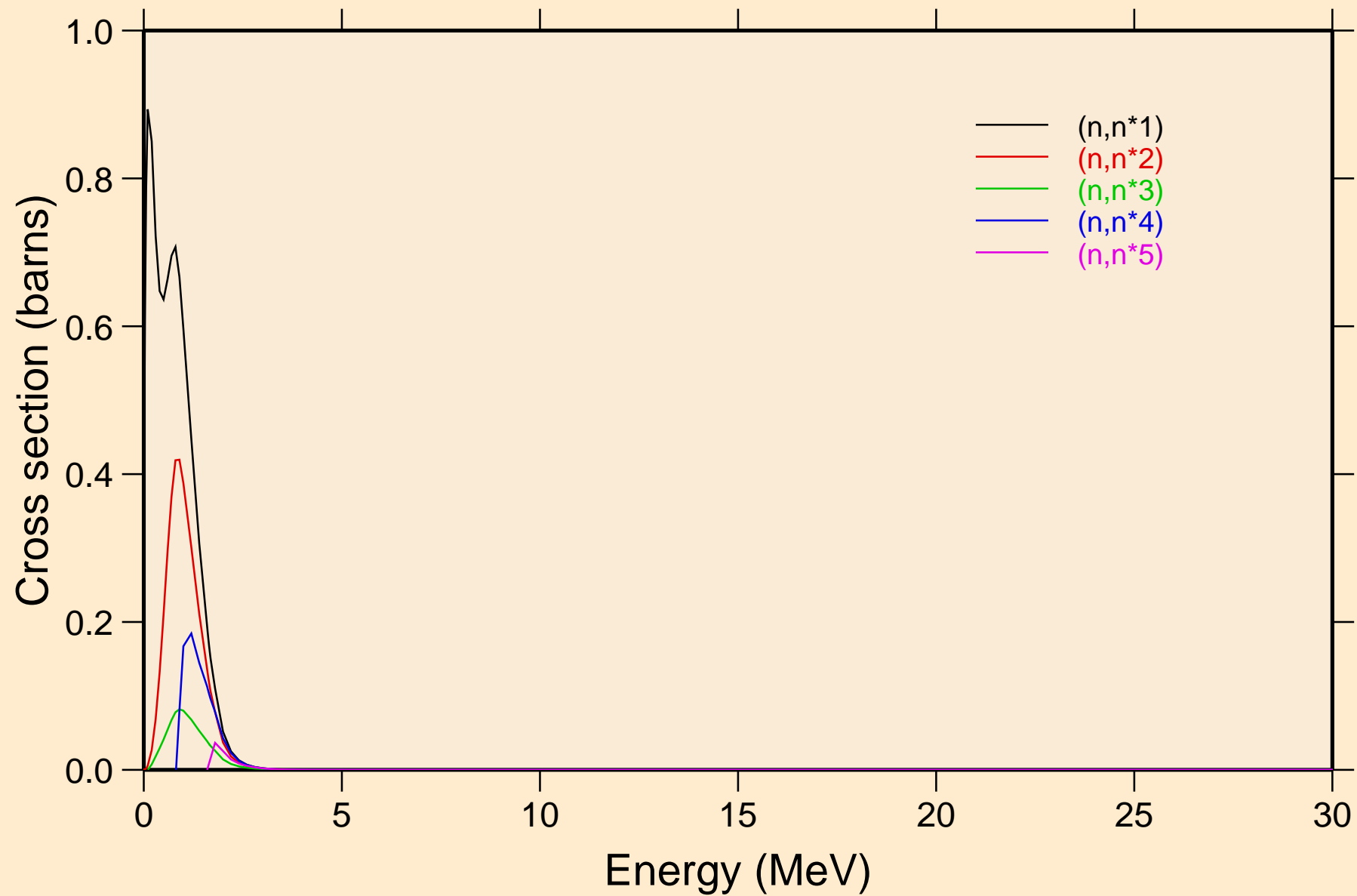


NO251M NRG TENDL-2016, AKONING  
Non-threshold reactions



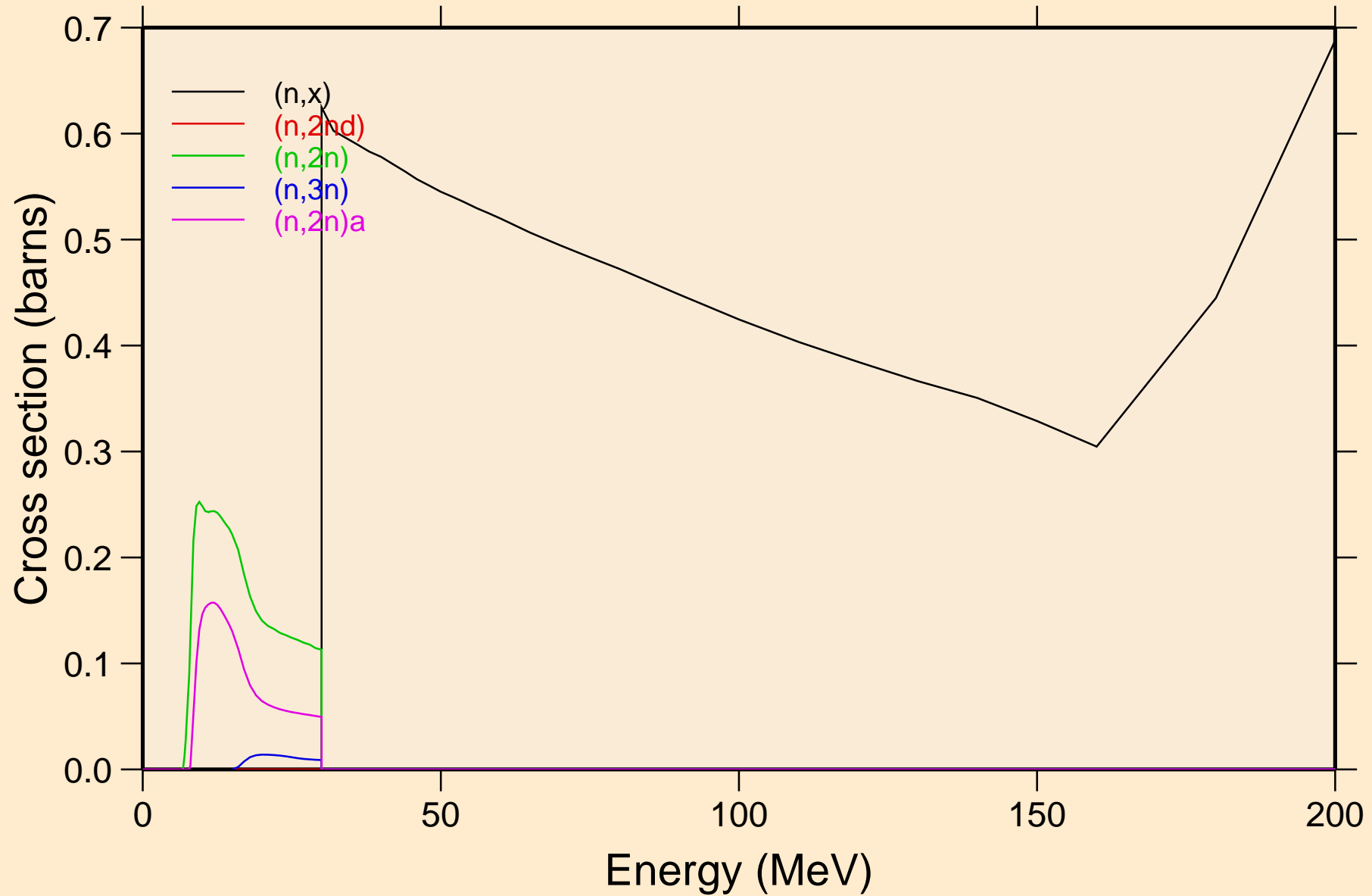


NO251M NRG TENDL-2016, AKONING  
Inelastic levels



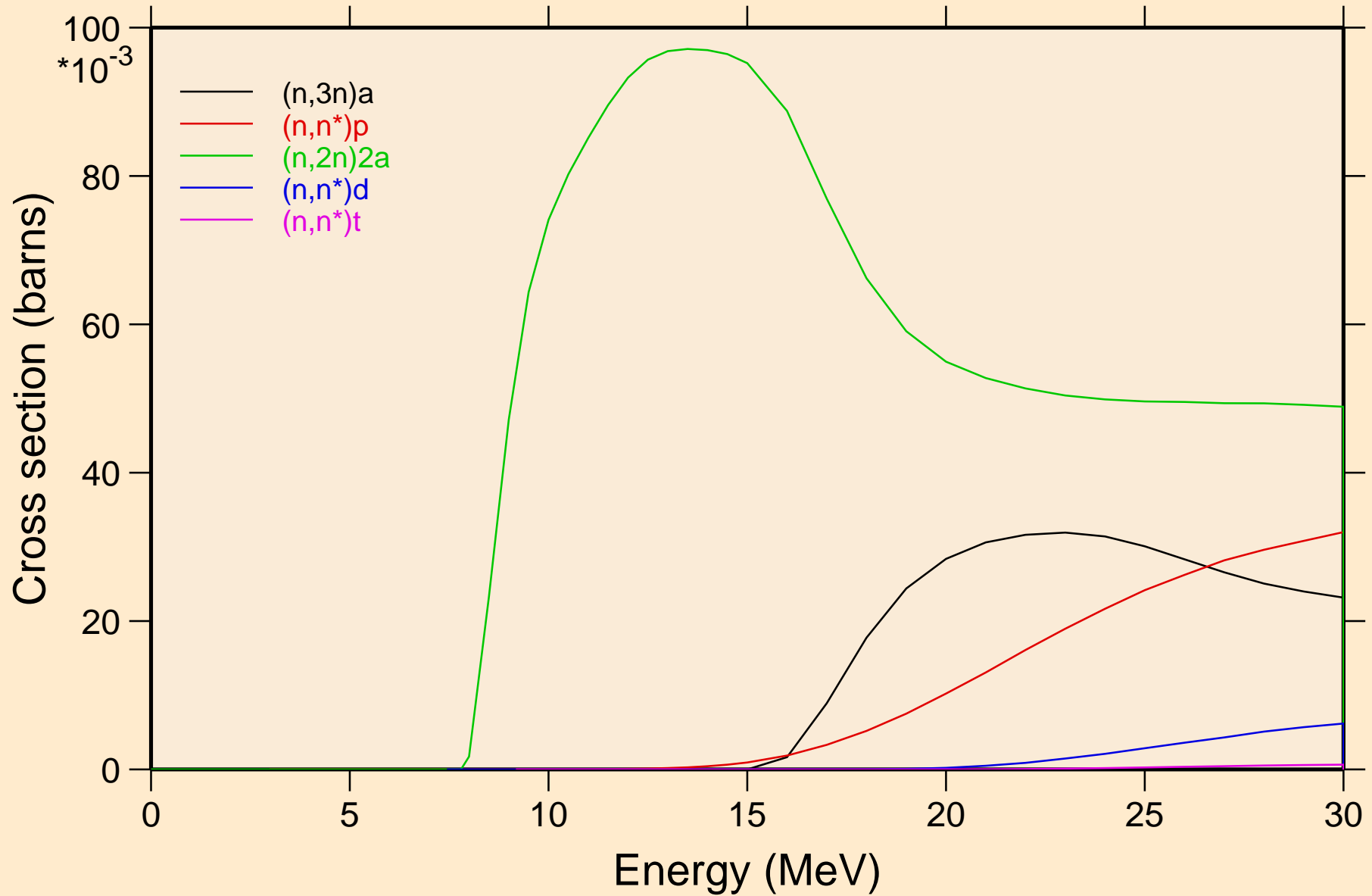
# NO251M NRG TENDL-2016, AKONING

## Threshold reactions



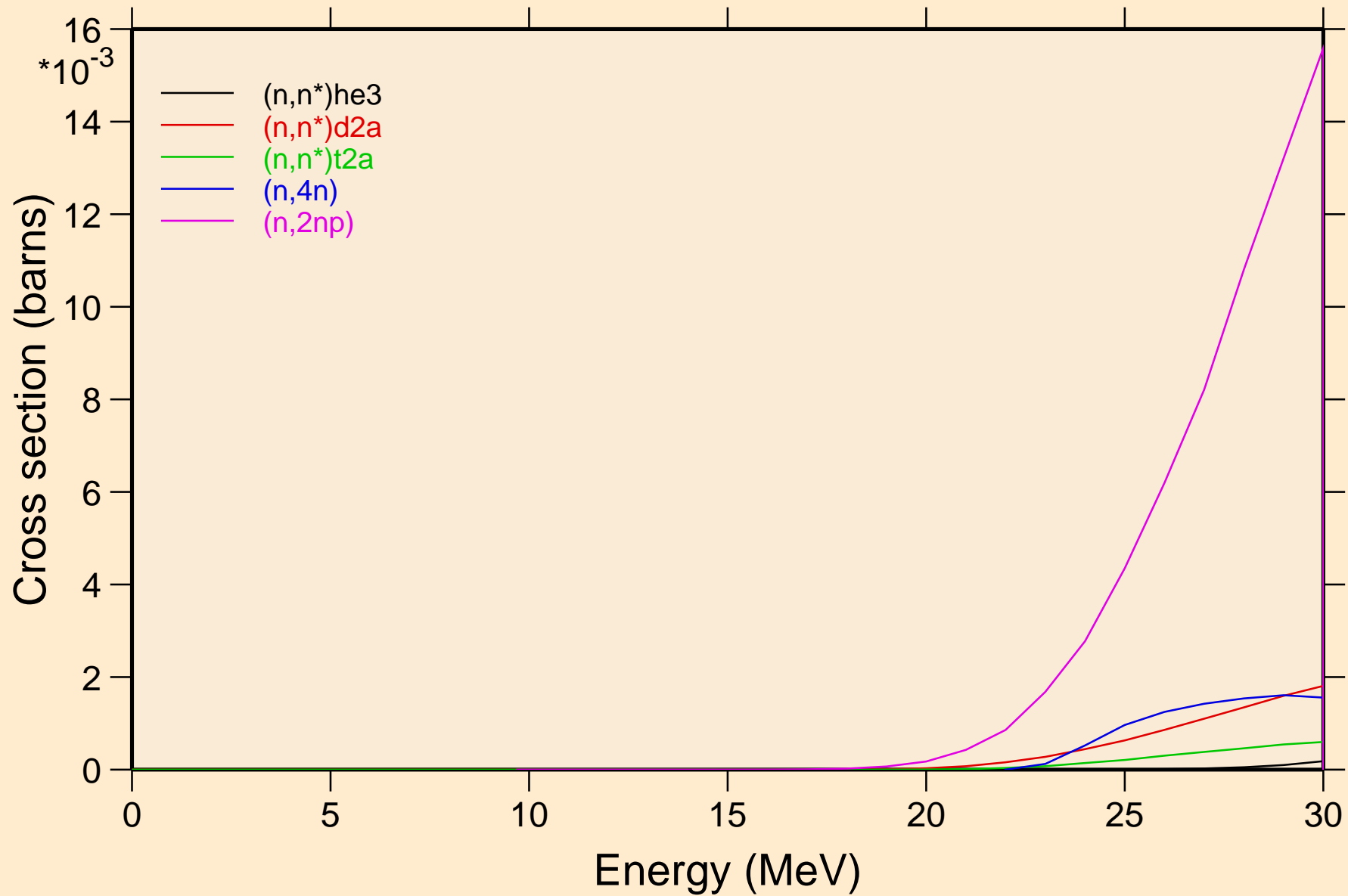
# NO251M NRG TENDL-2016, AKONING

## Threshold reactions



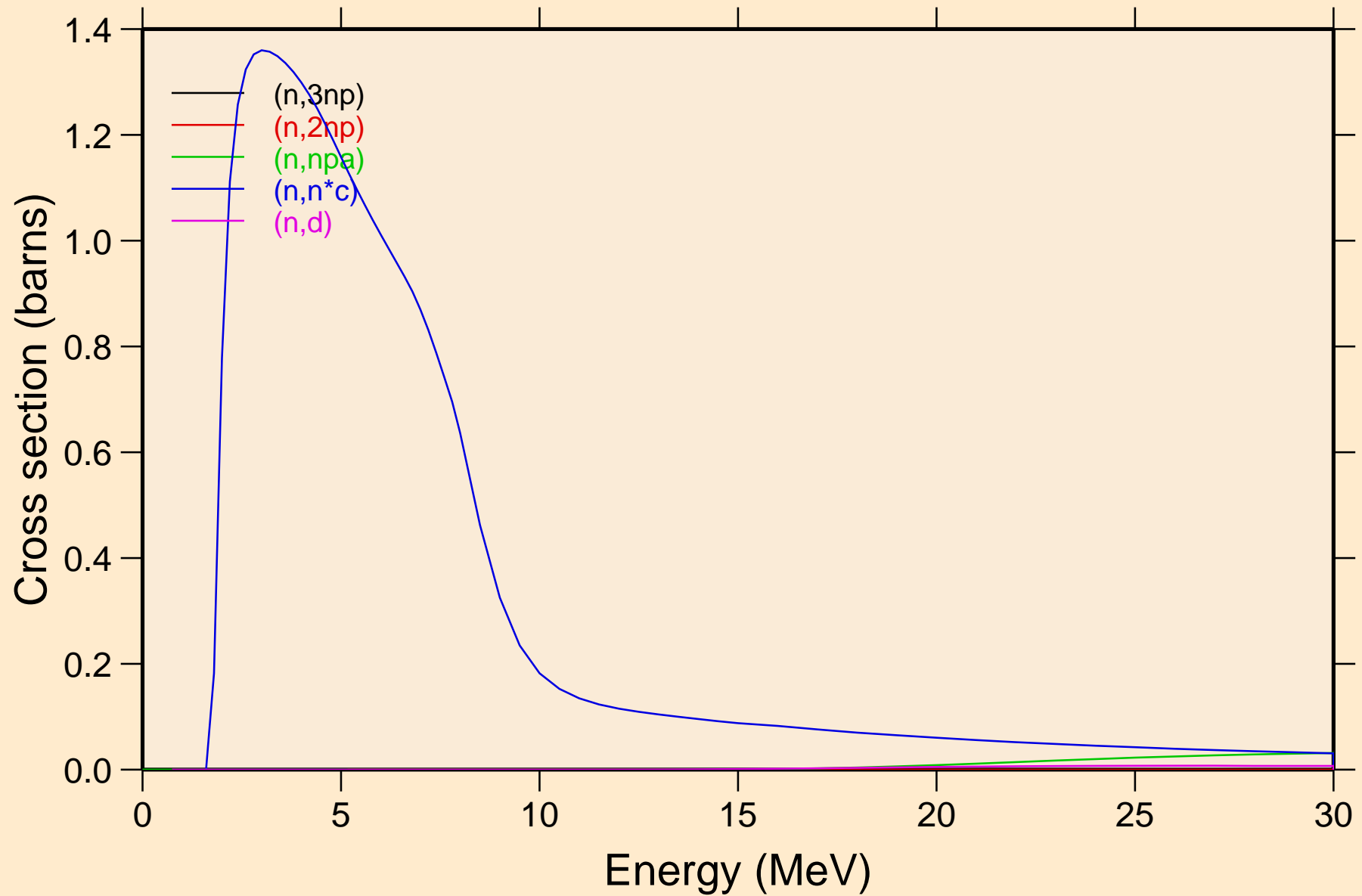
# NO251M NRG TENDL-2016, AKONING

## Threshold reactions



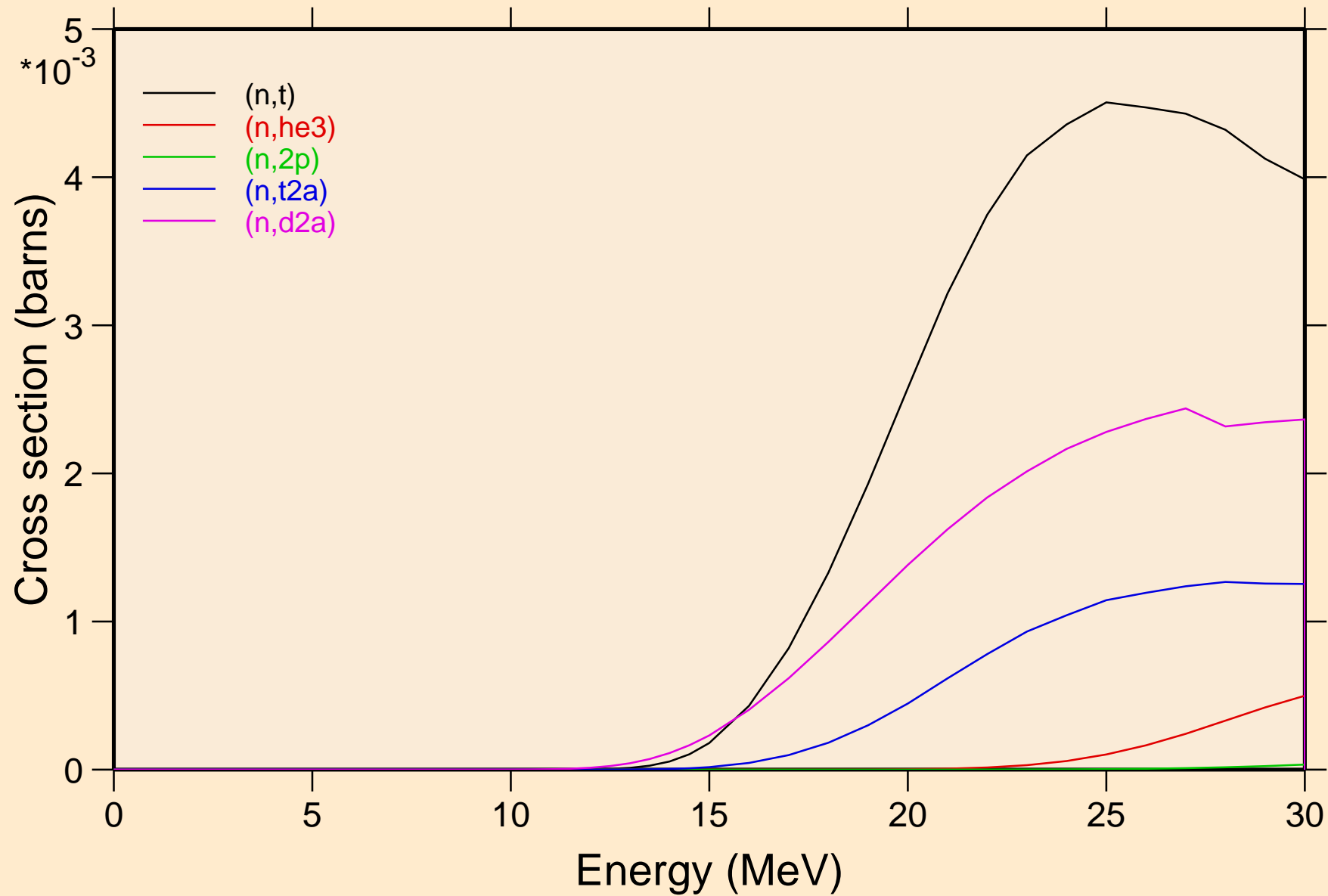
# NO251M NRG TENDL-2016, AKONING

## Threshold reactions



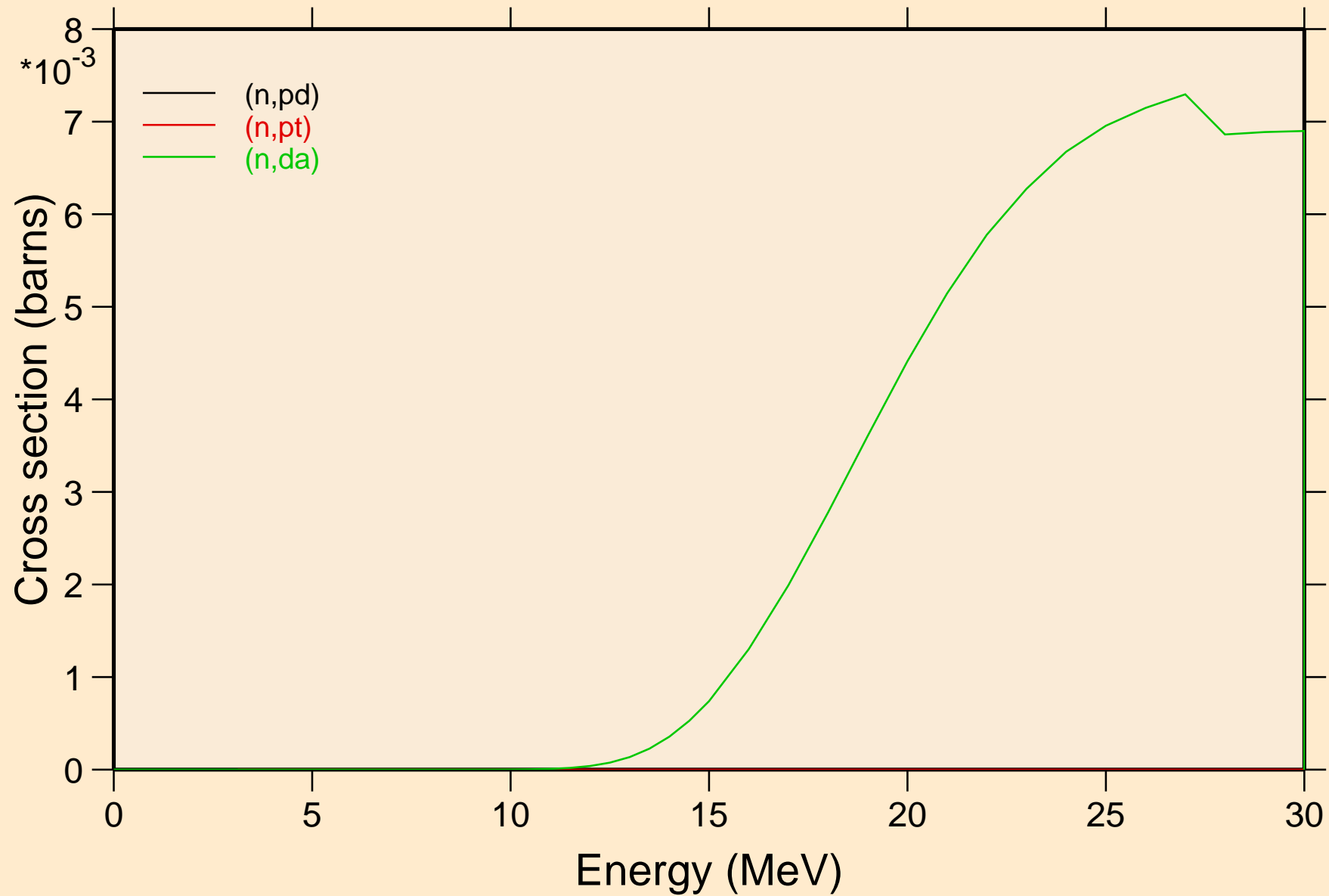
# NO251M NRG TENDL-2016, AKONING

## Threshold reactions

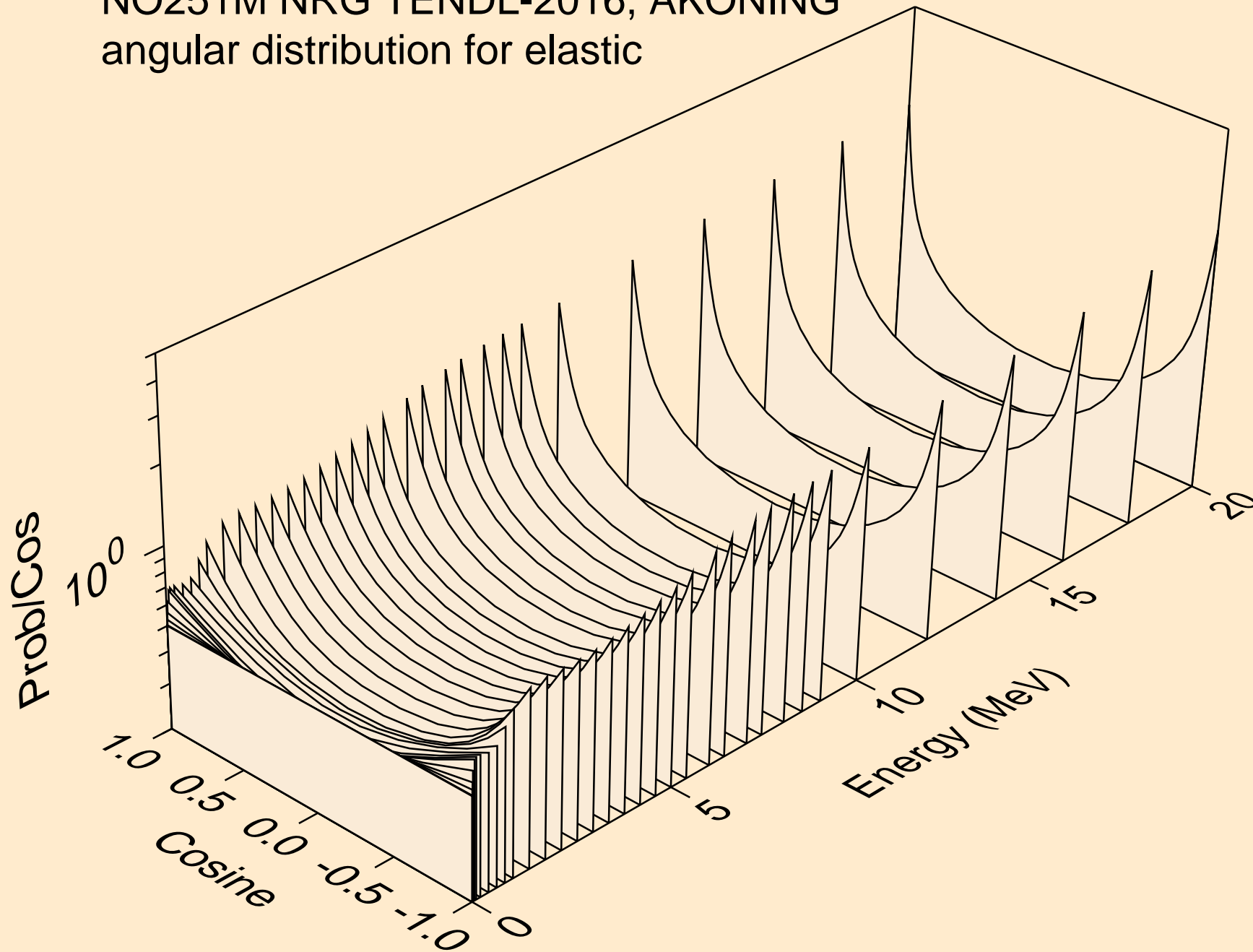


# NO251M NRG TENDL-2016, AKONING

## Threshold reactions

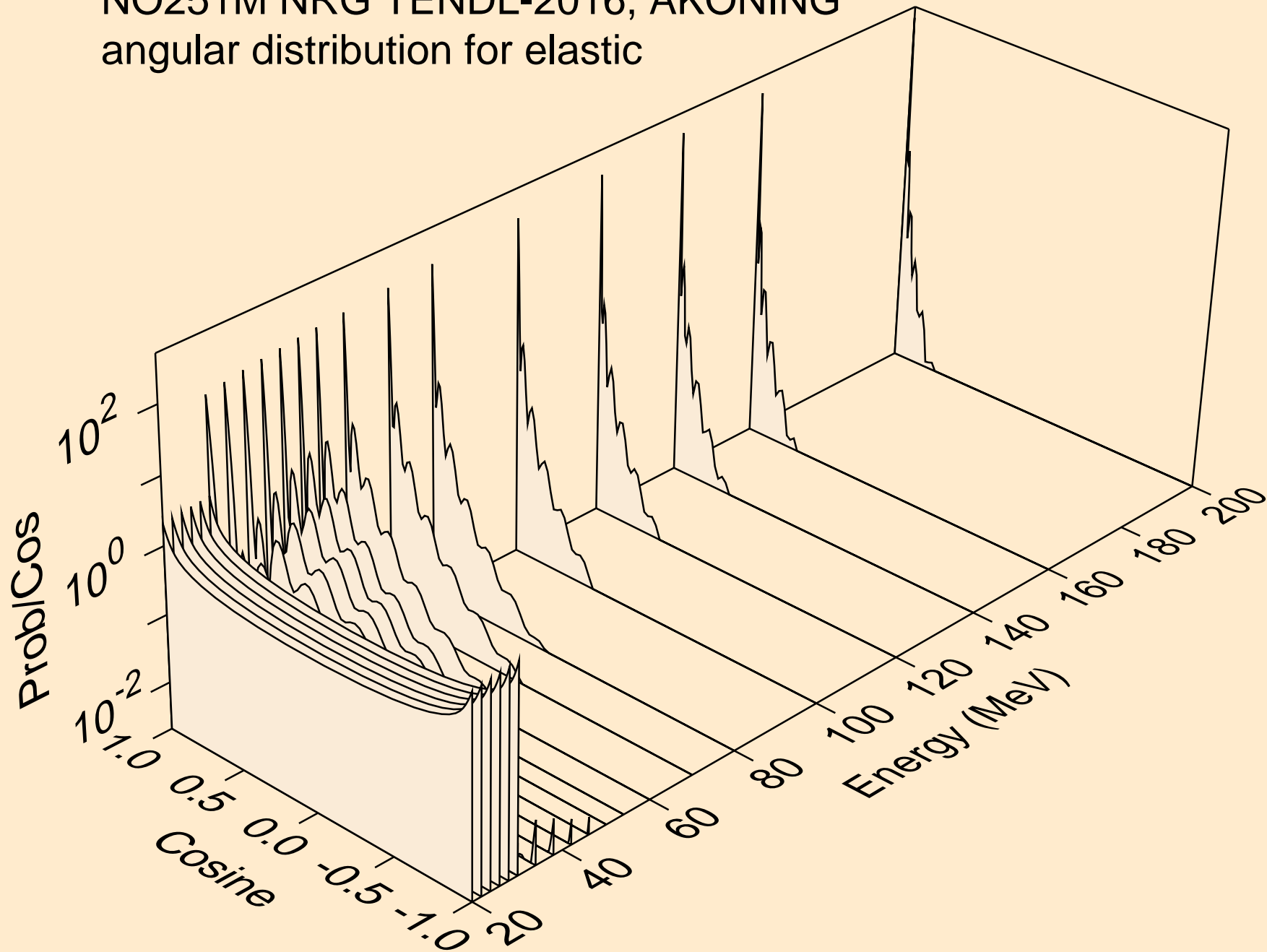


NO251M NRG TENDL-2016, AKONING  
angular distribution for elastic

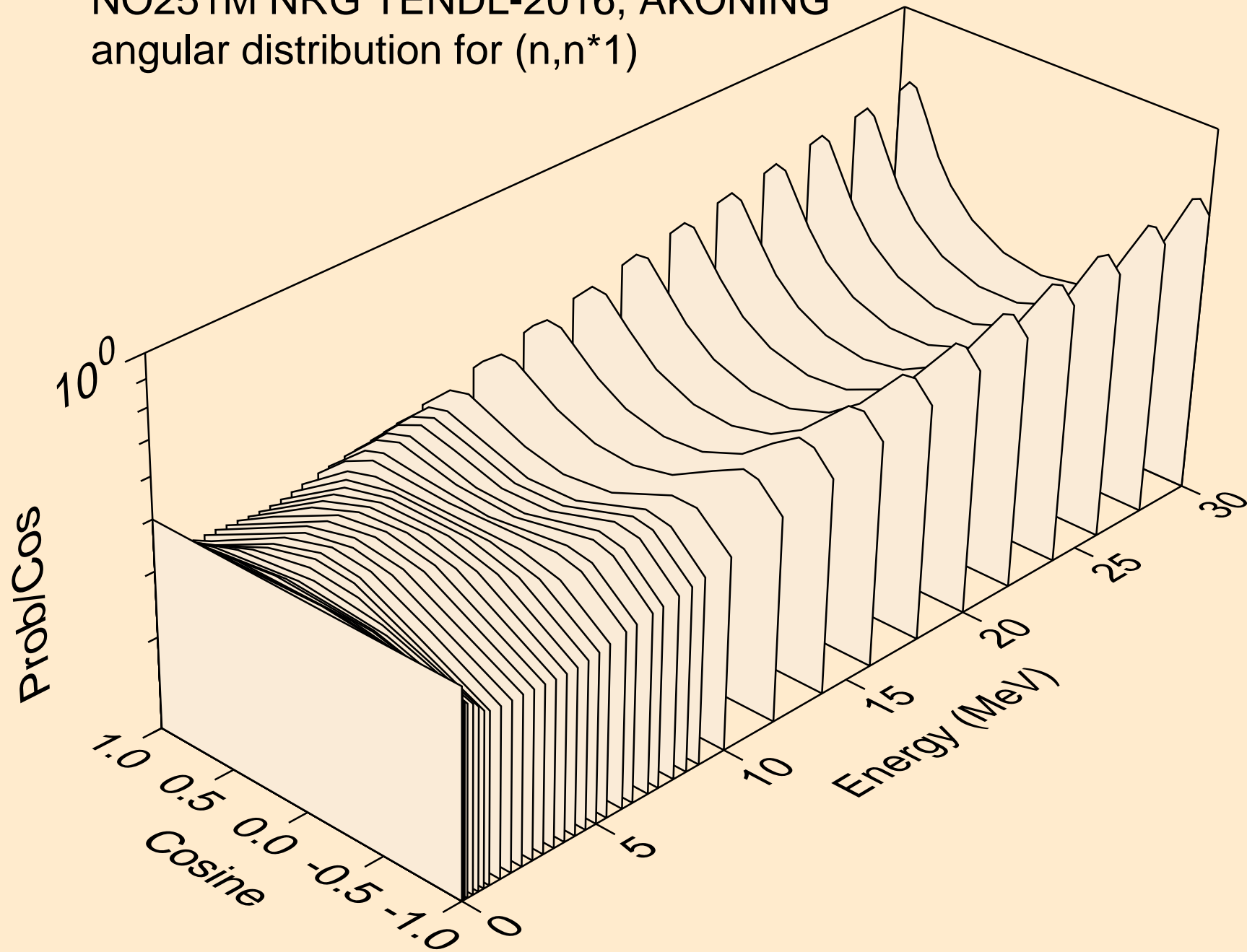




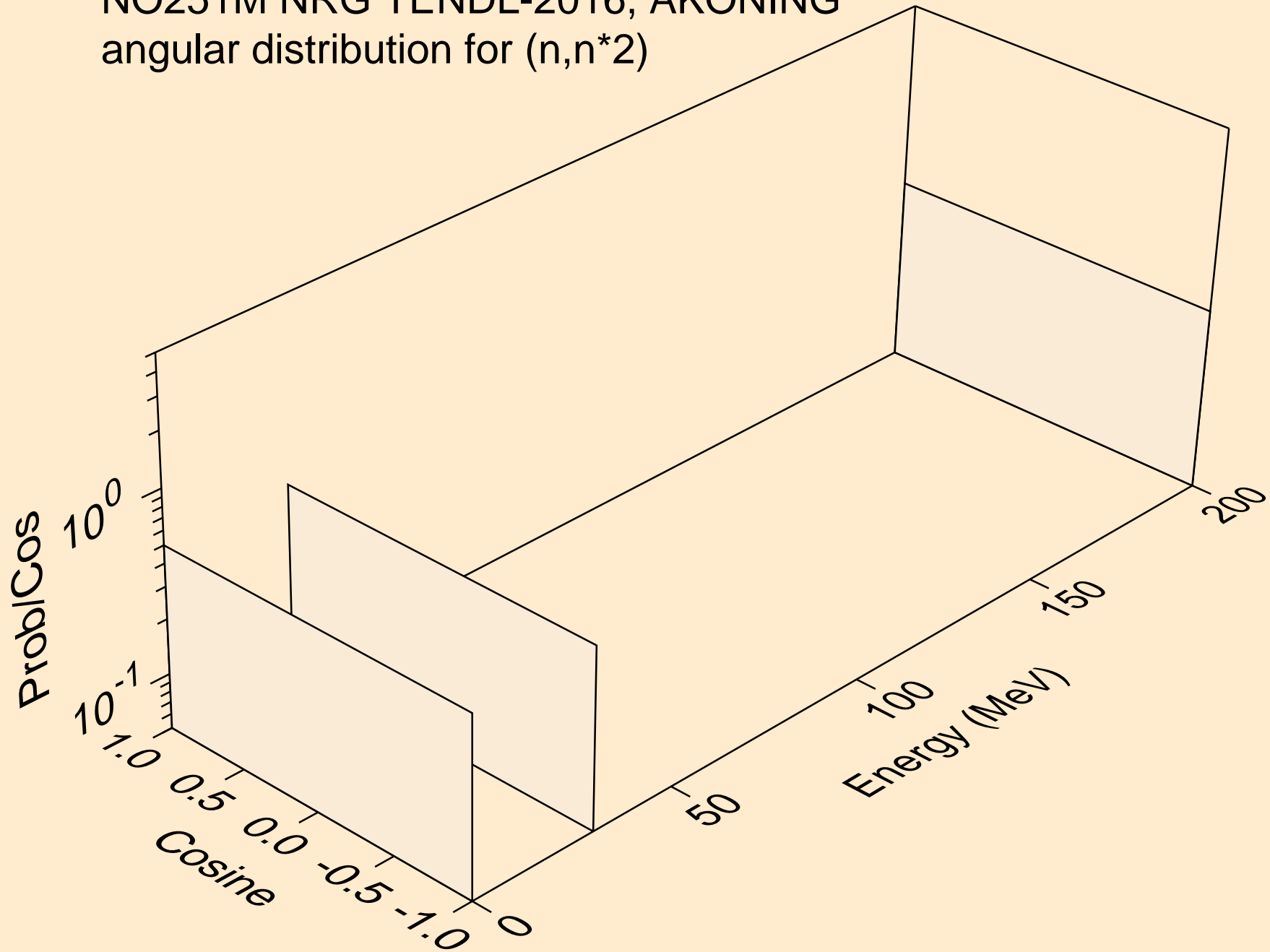
NO251M NRG TENDL-2016, AKONING  
angular distribution for elastic



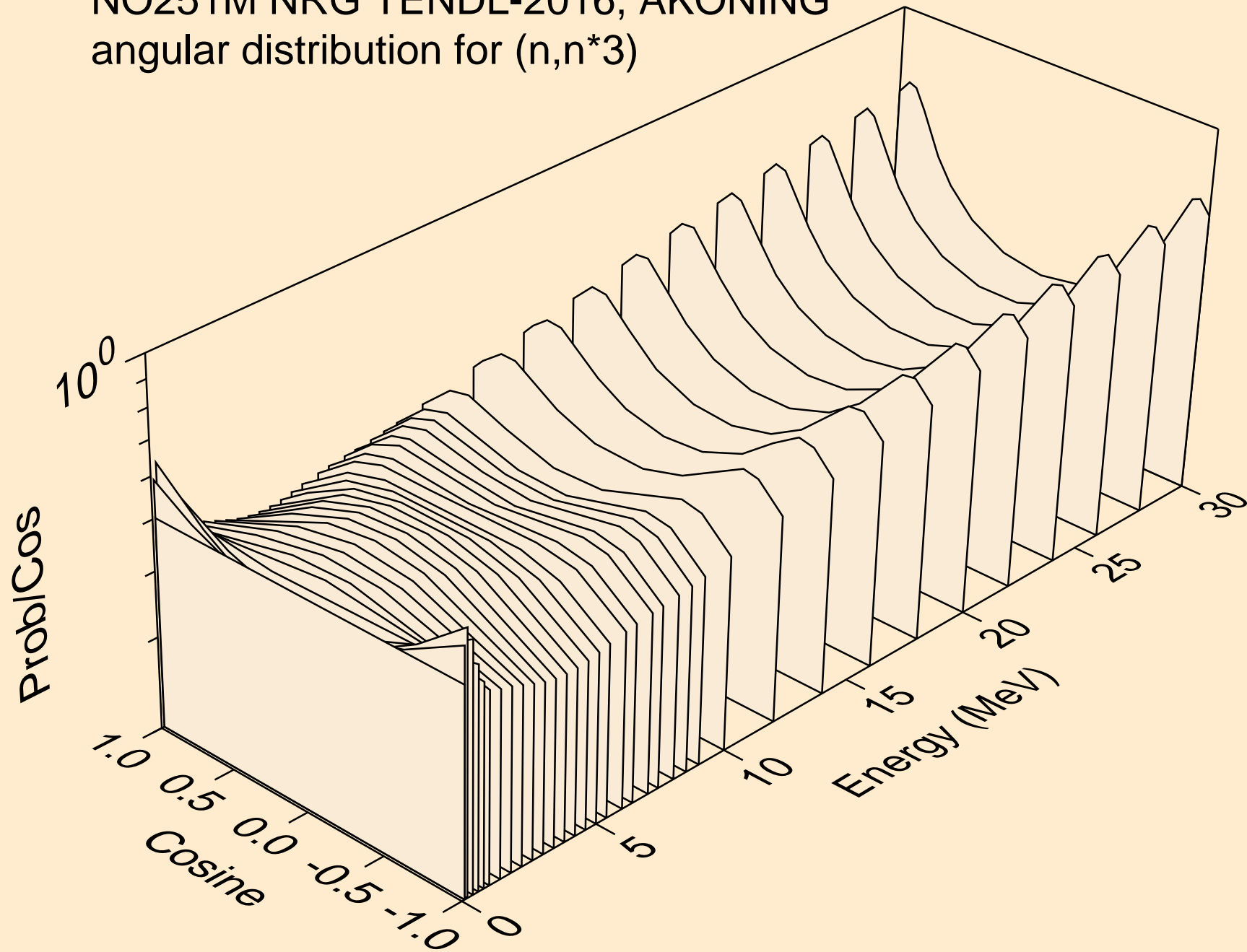
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angular distribution for (n,n\*1)



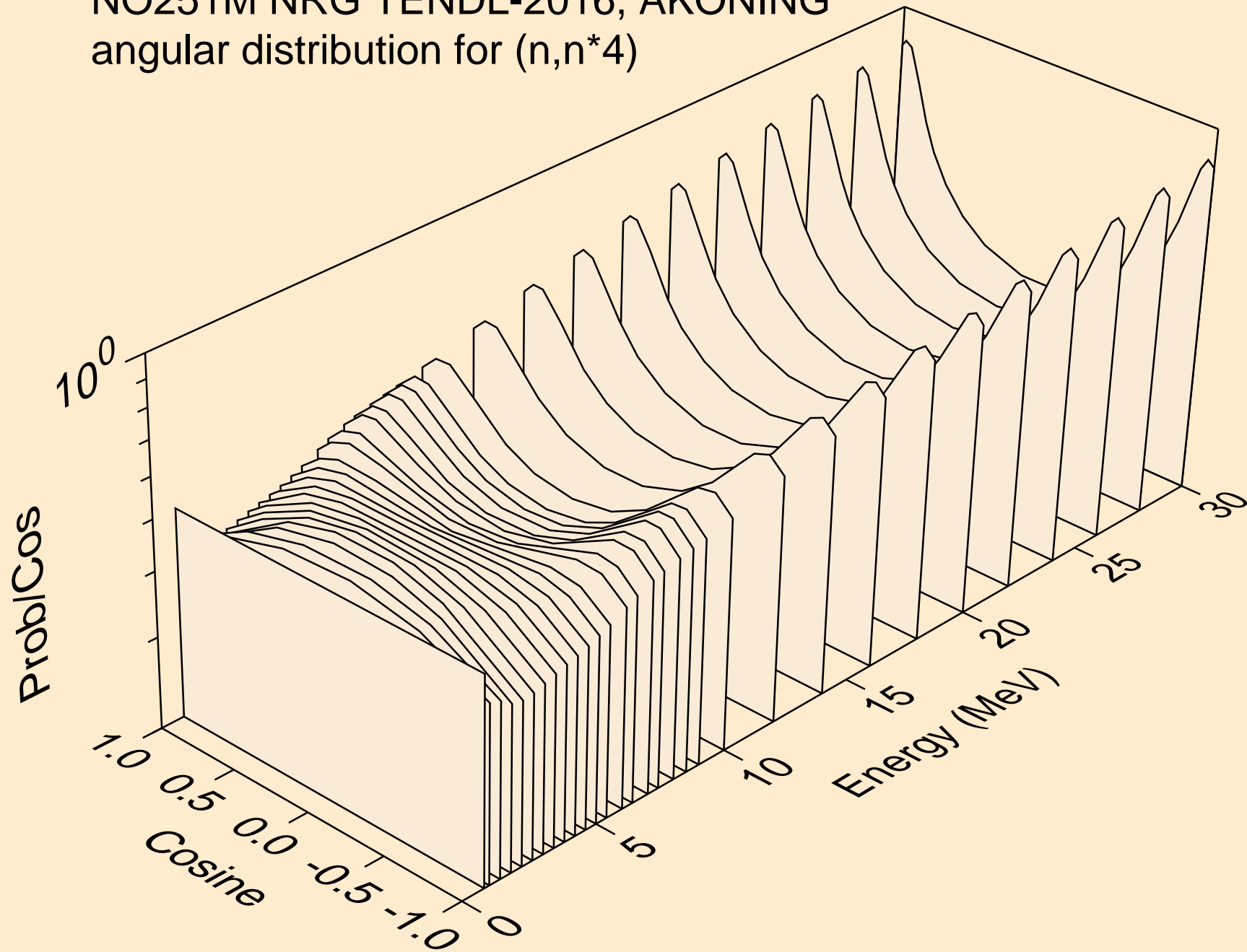
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angular distribution for (n,n\*2)



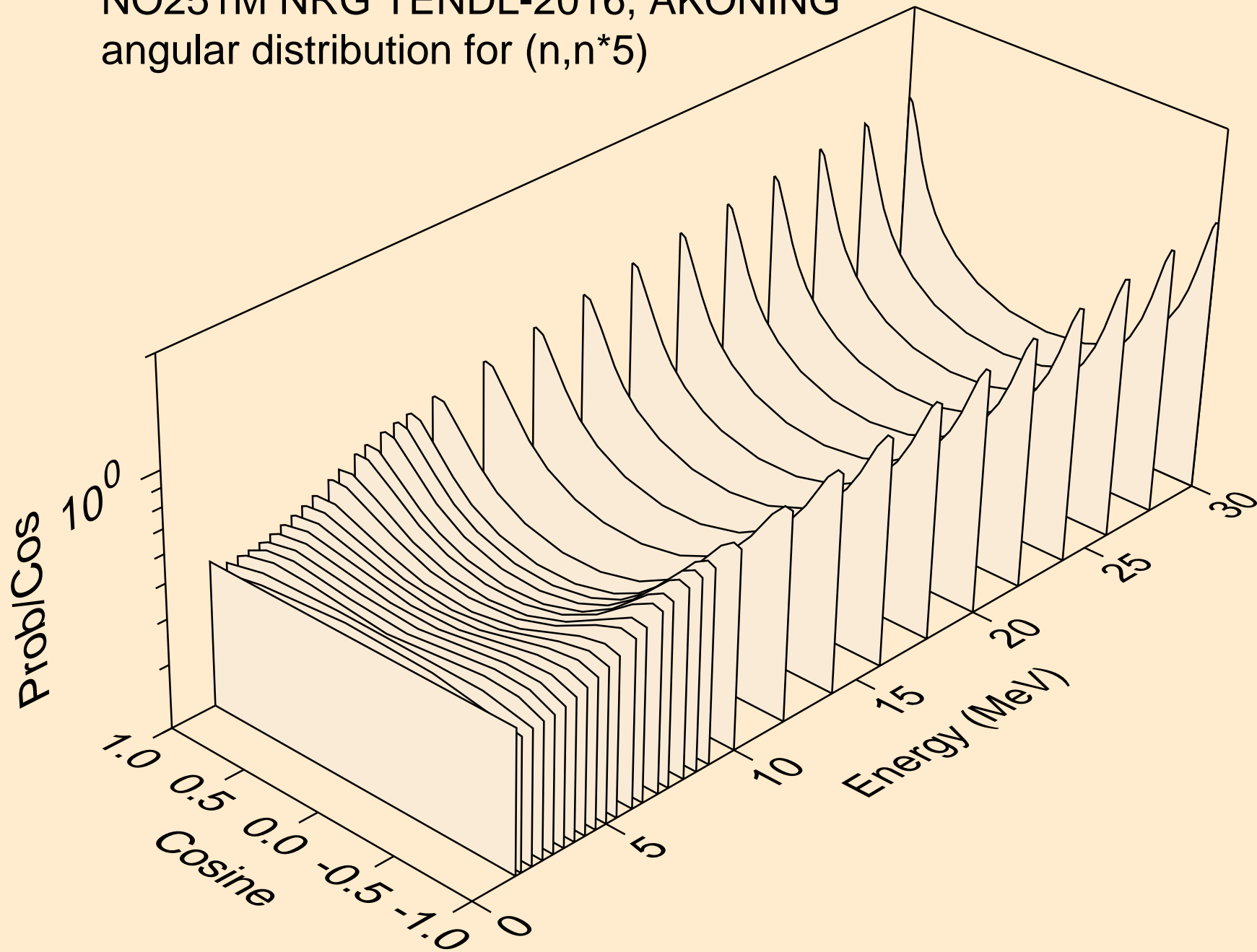
NO251M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*3)



NO251M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*4)

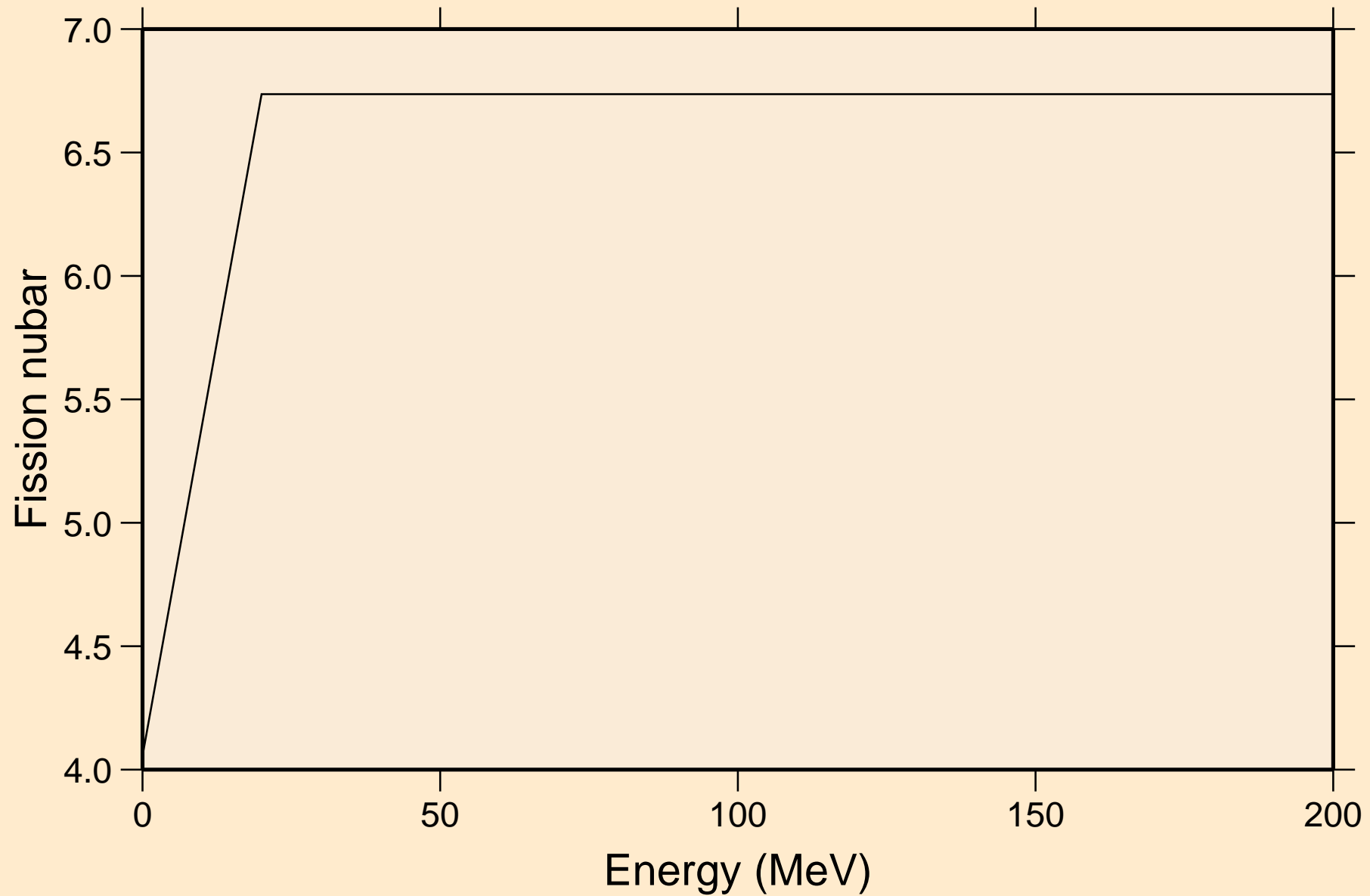


NO251M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*5)

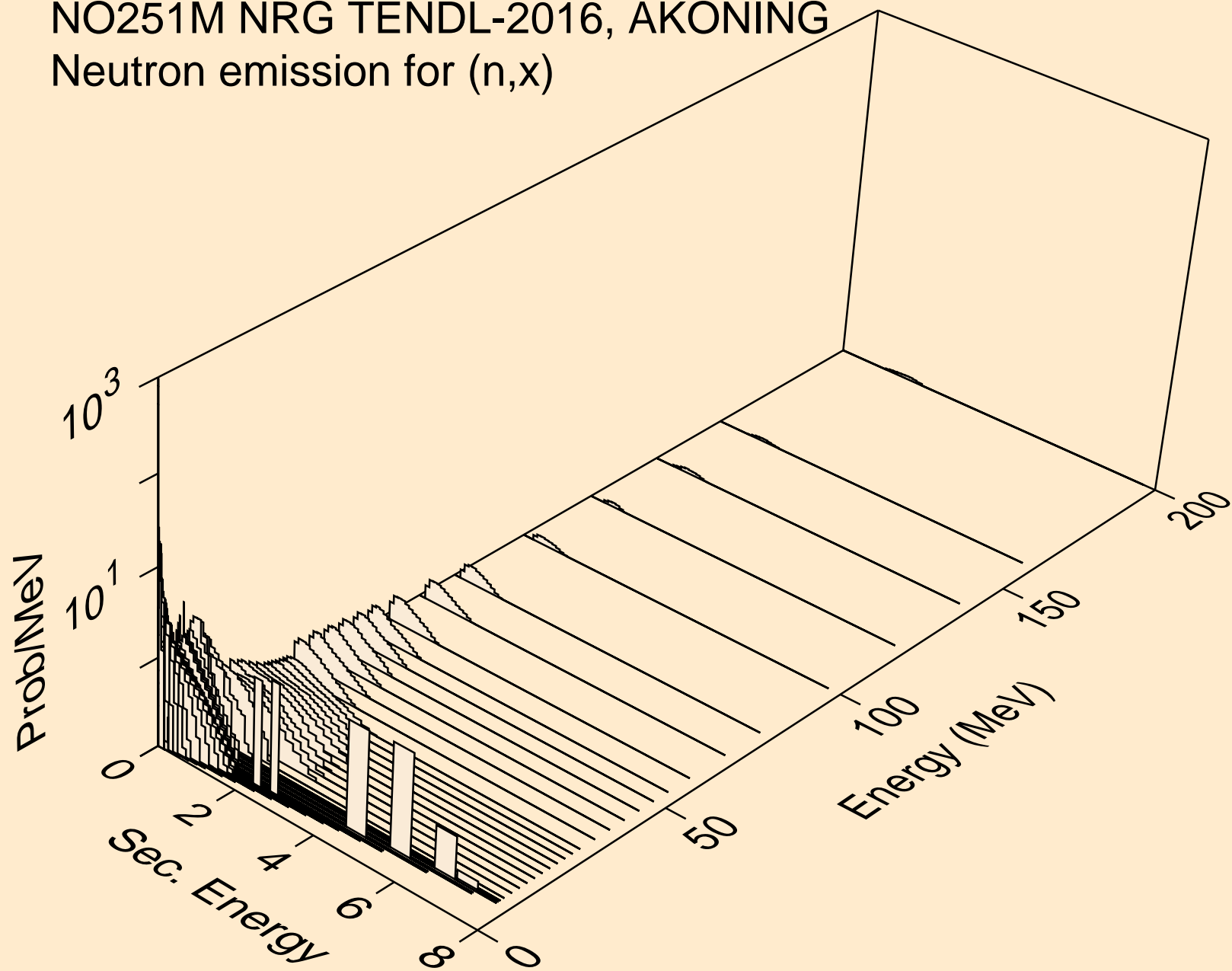


# NO251M NRG TENDL-2016, AKONING

Total fission nubar

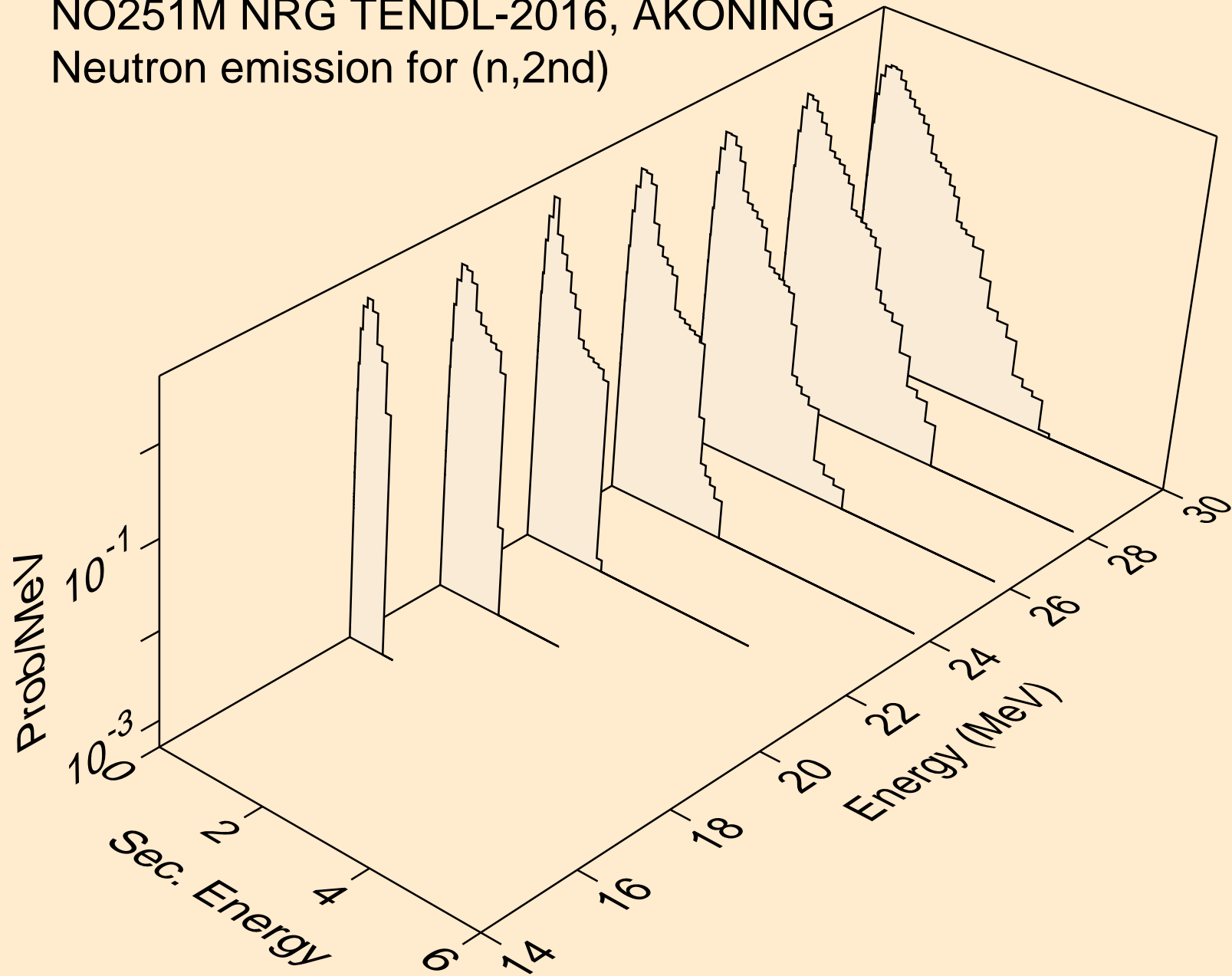


NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,x)

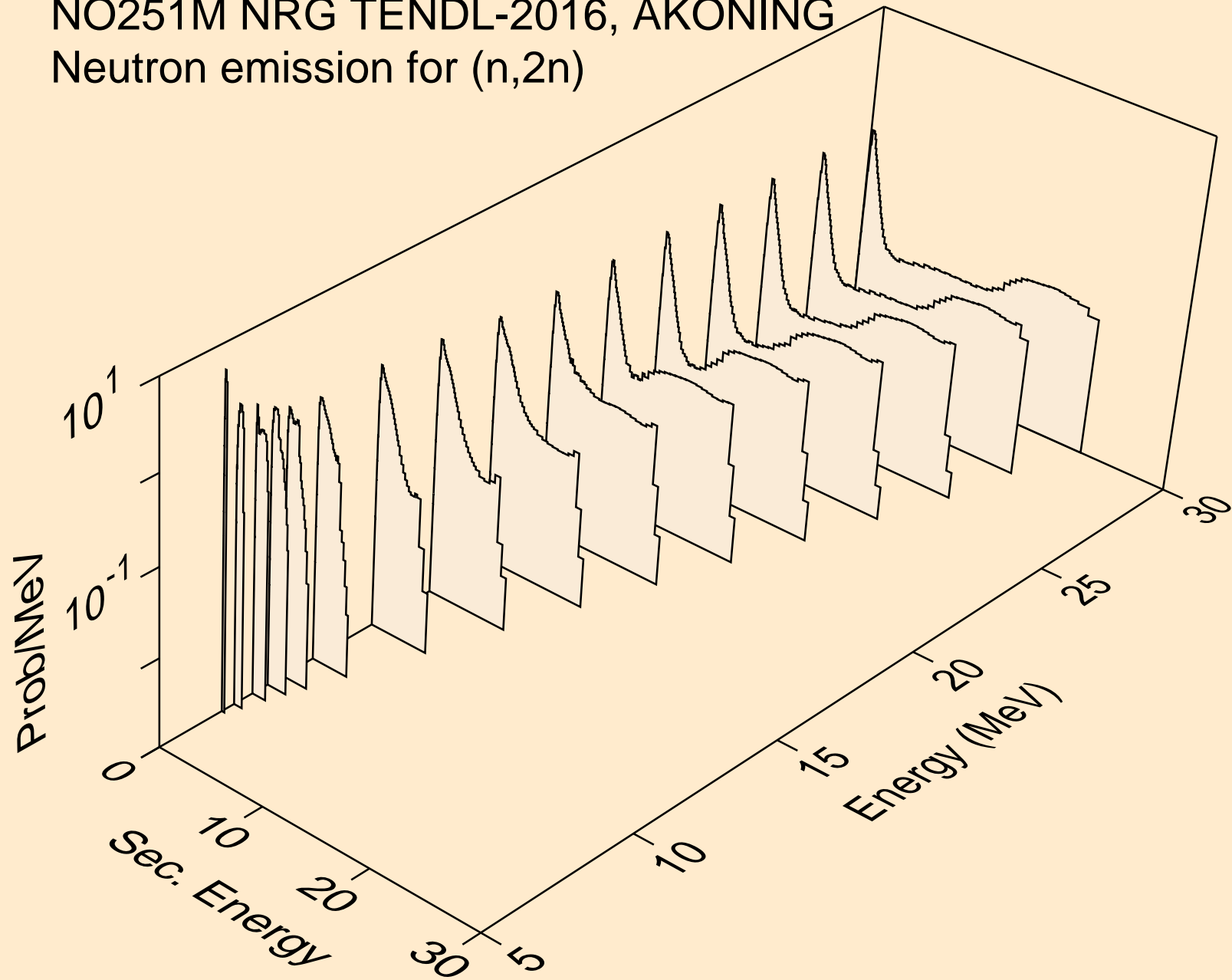




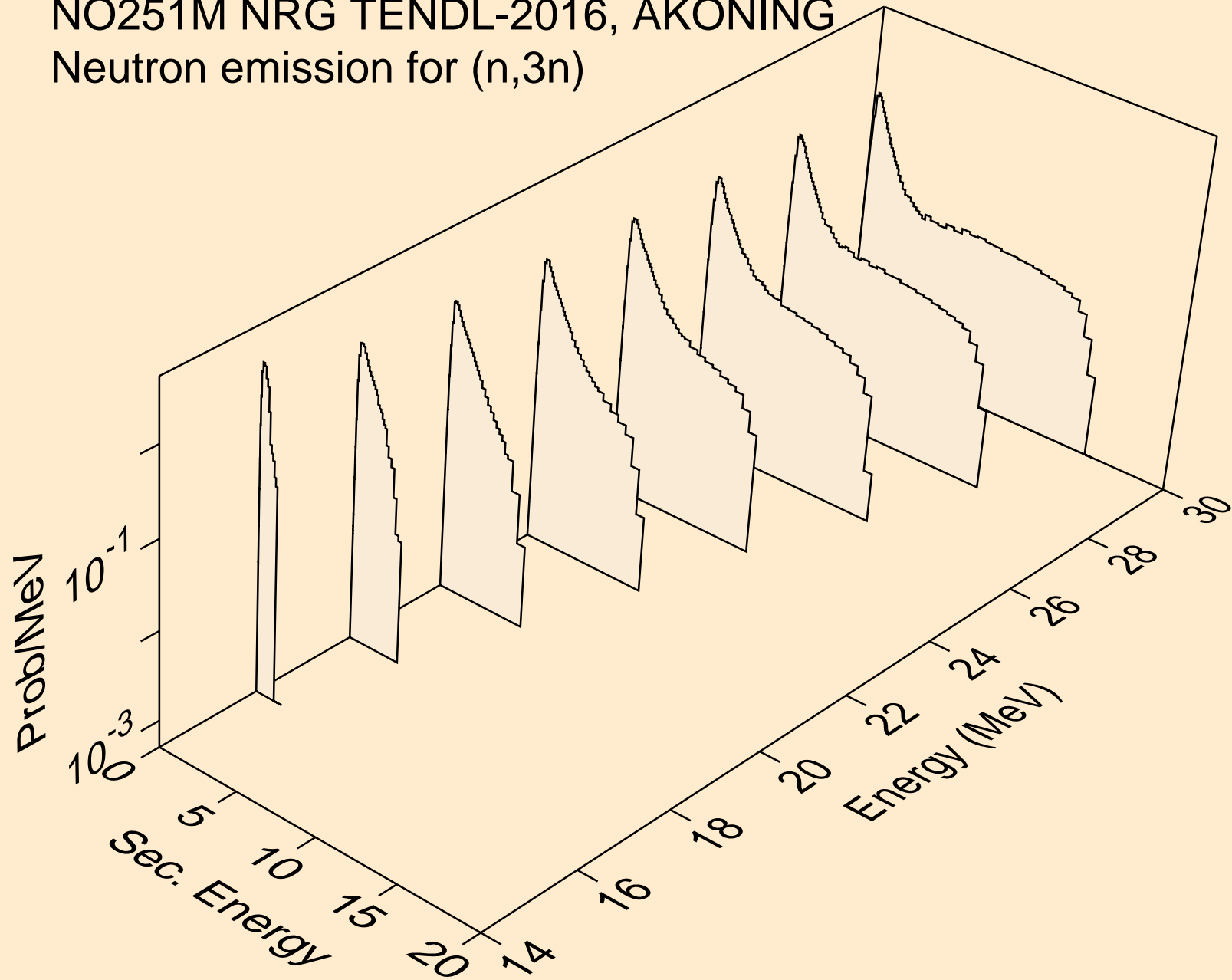
NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,2nd)



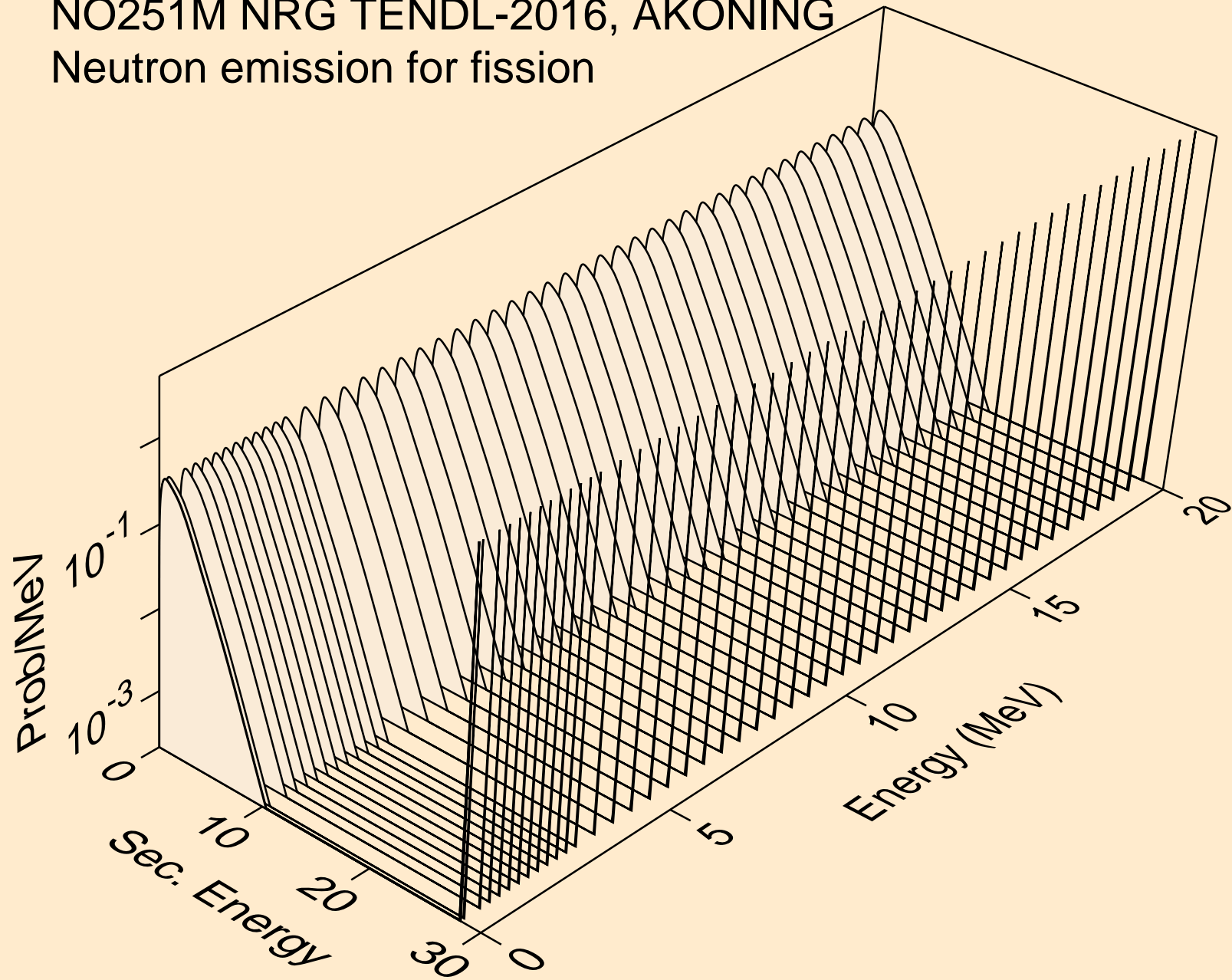
NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)



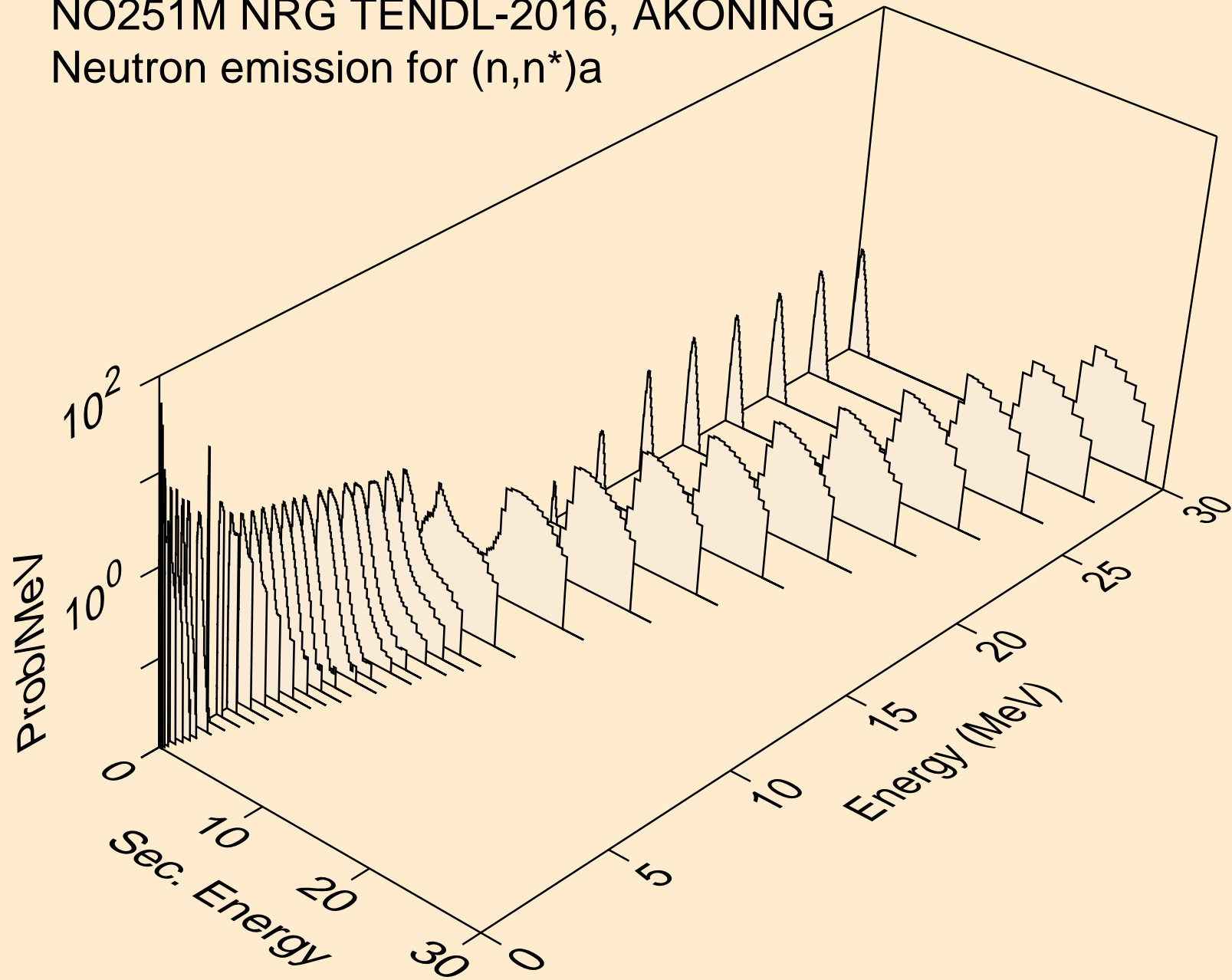
NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)



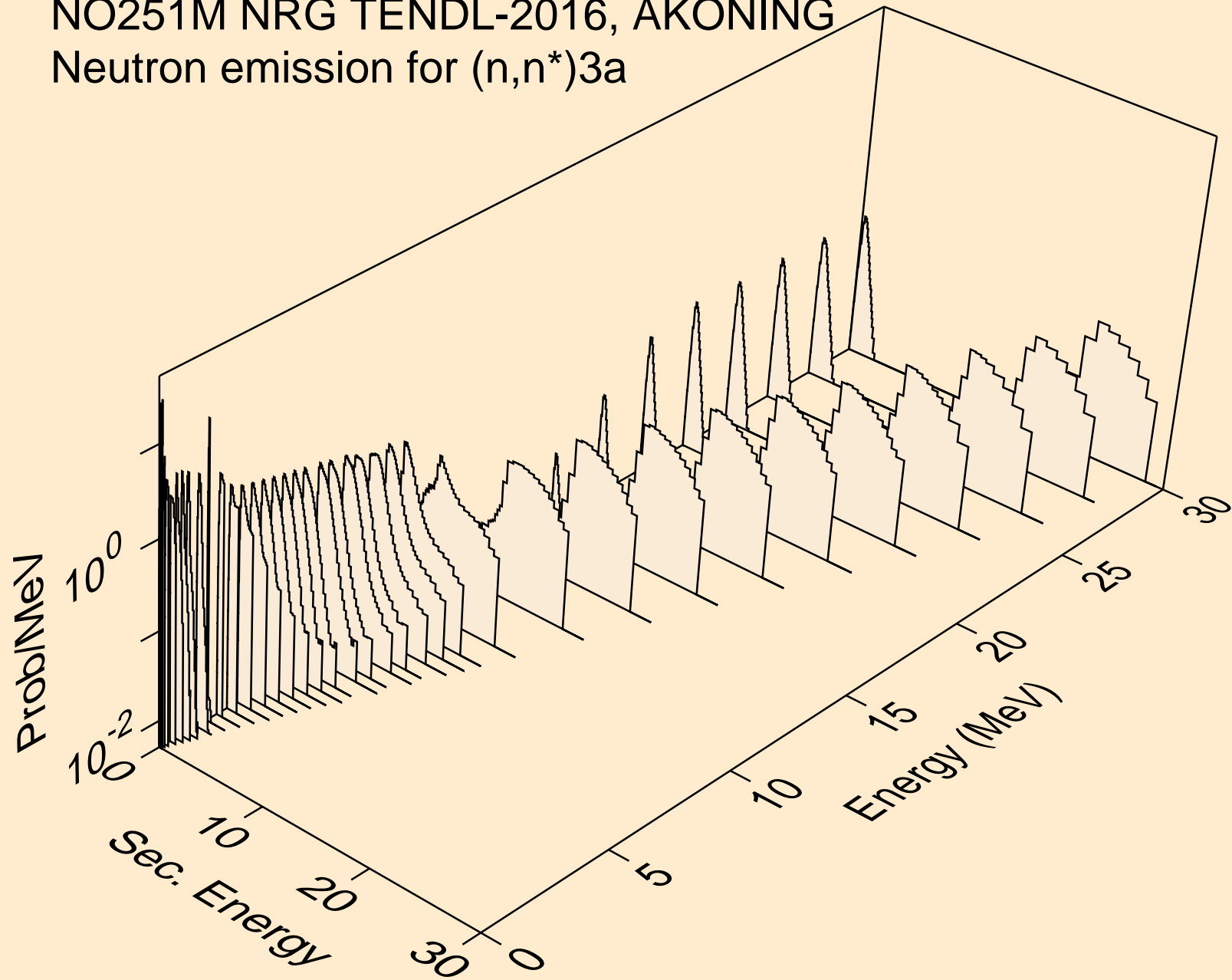
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Neutron emission for fission



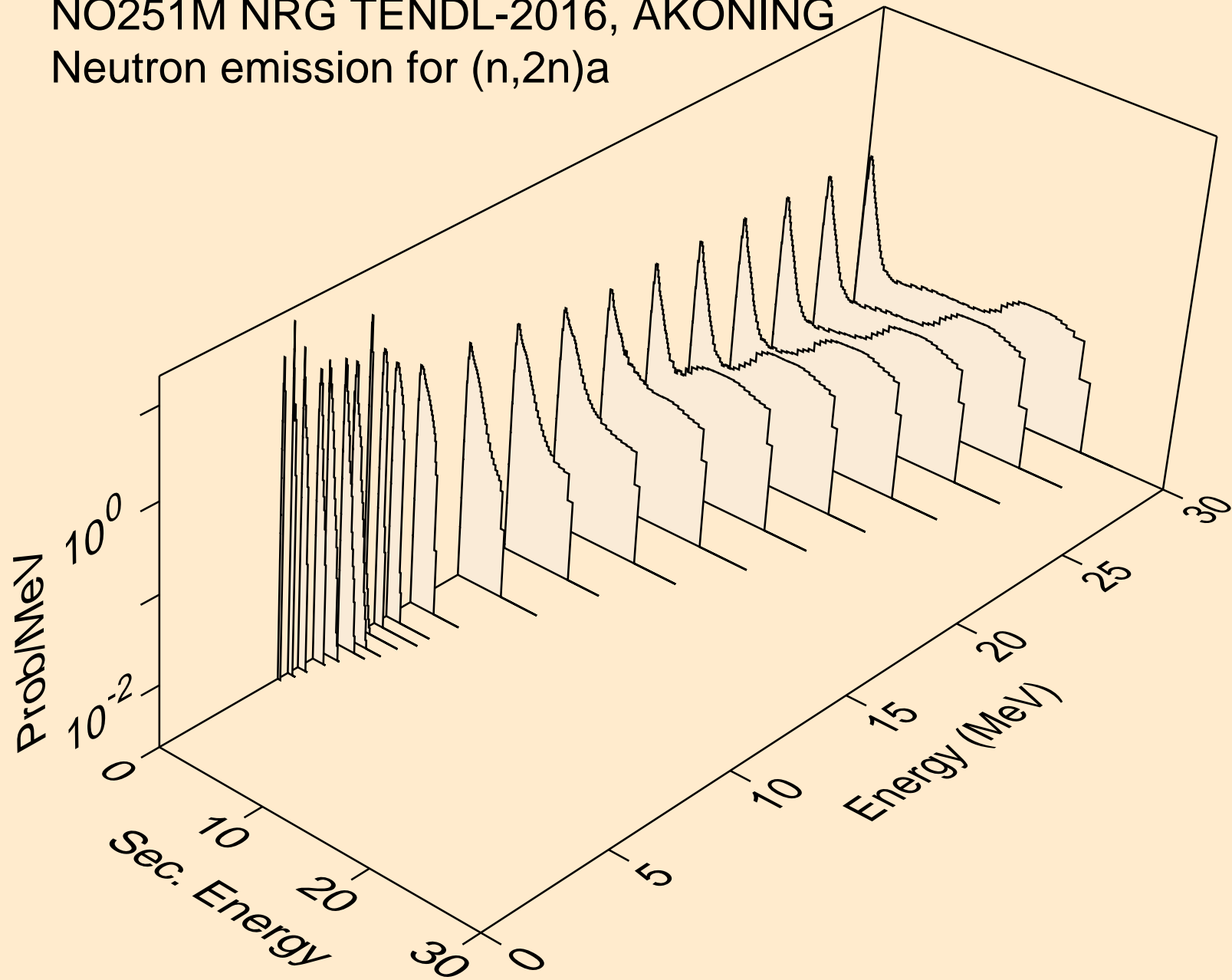
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Neutron emission for (n,n\*)a



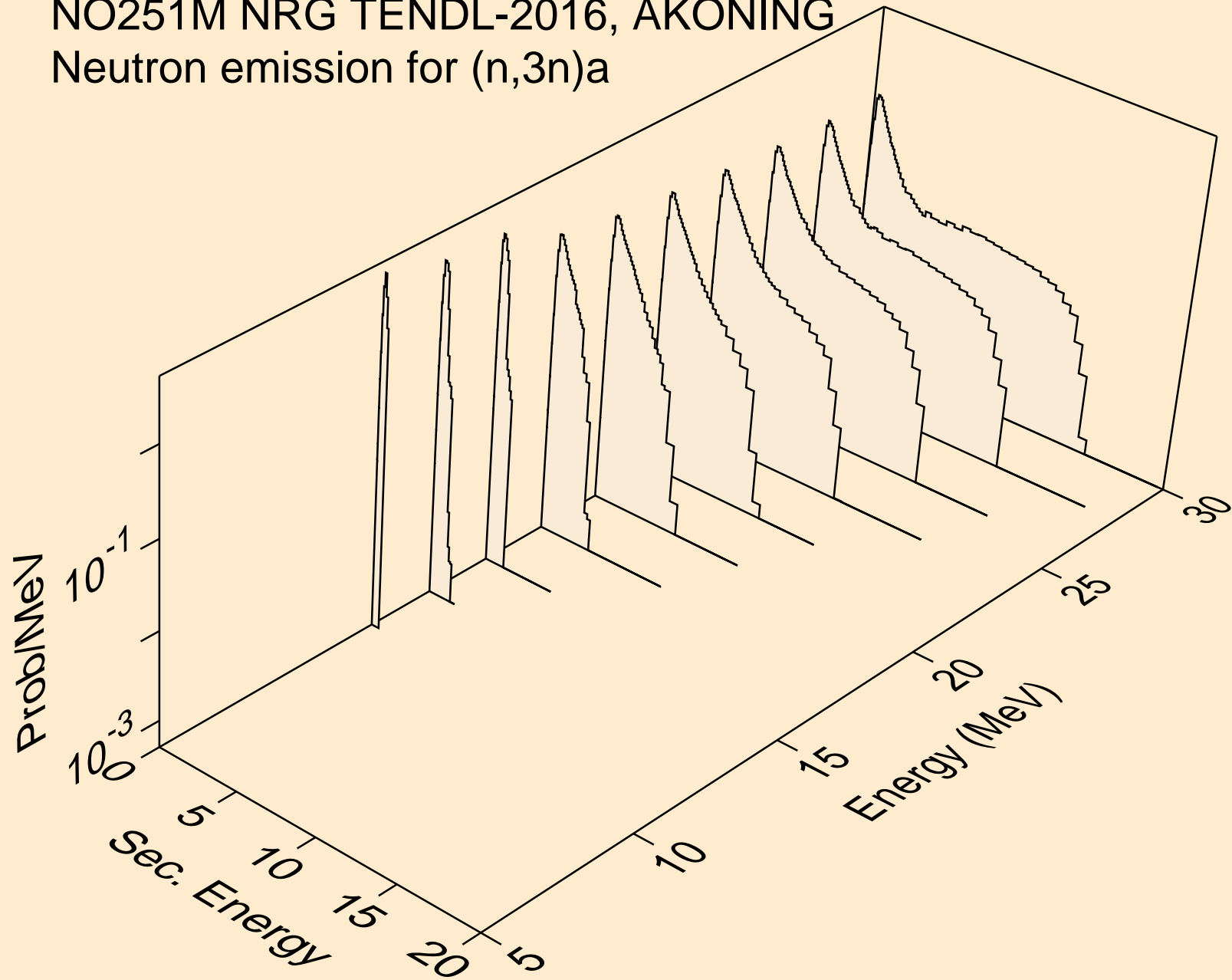
NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)3a



NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)a

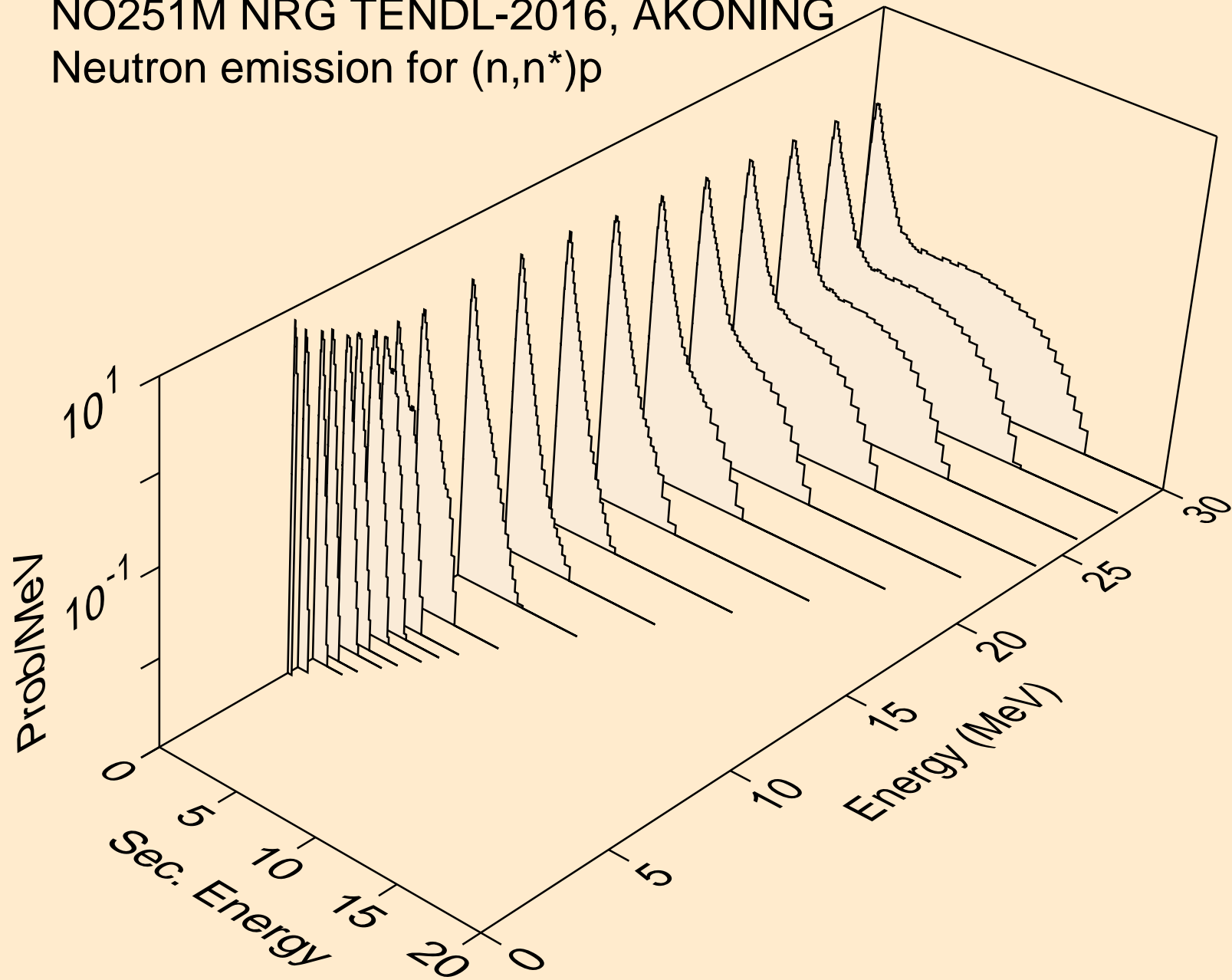


NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)a

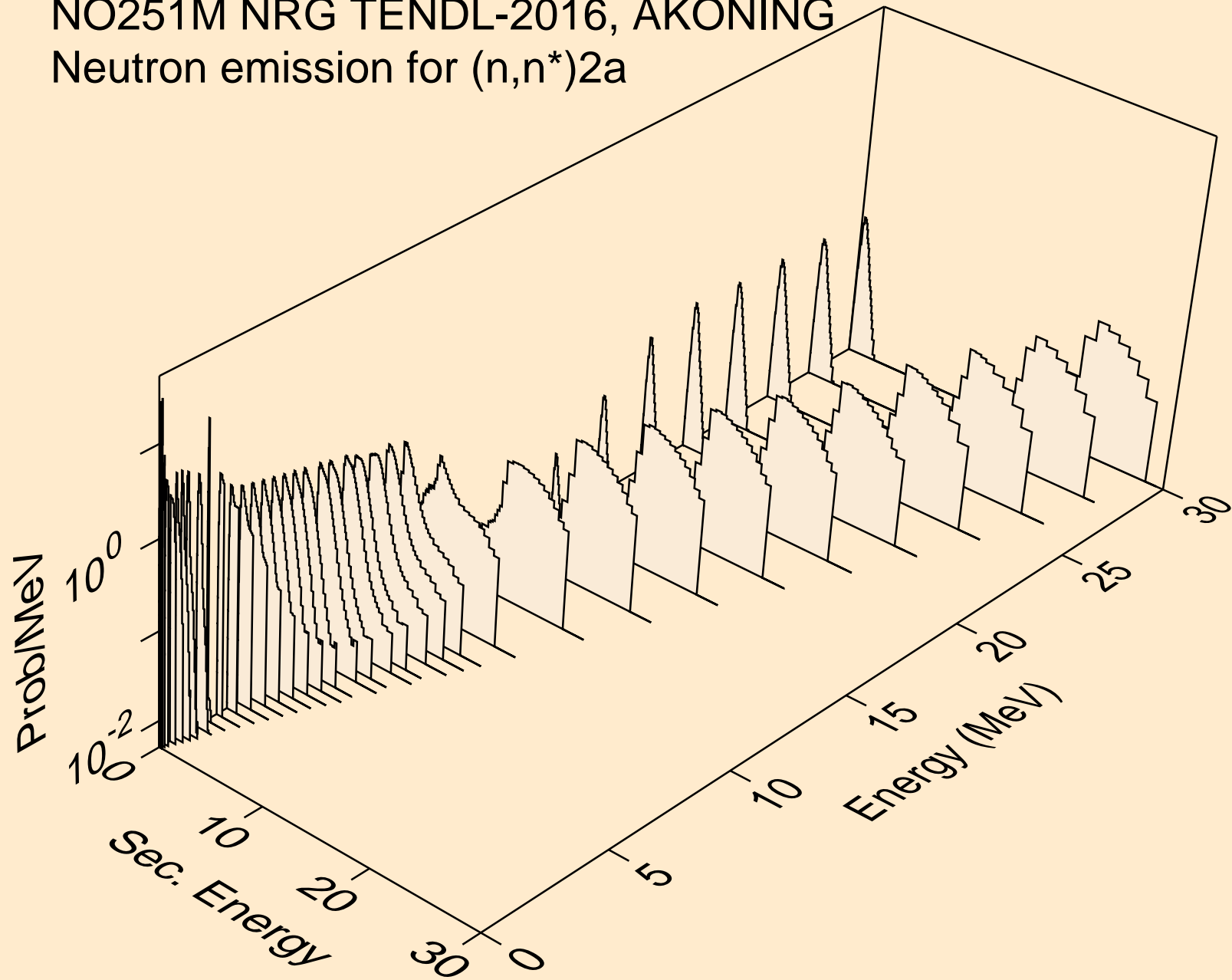




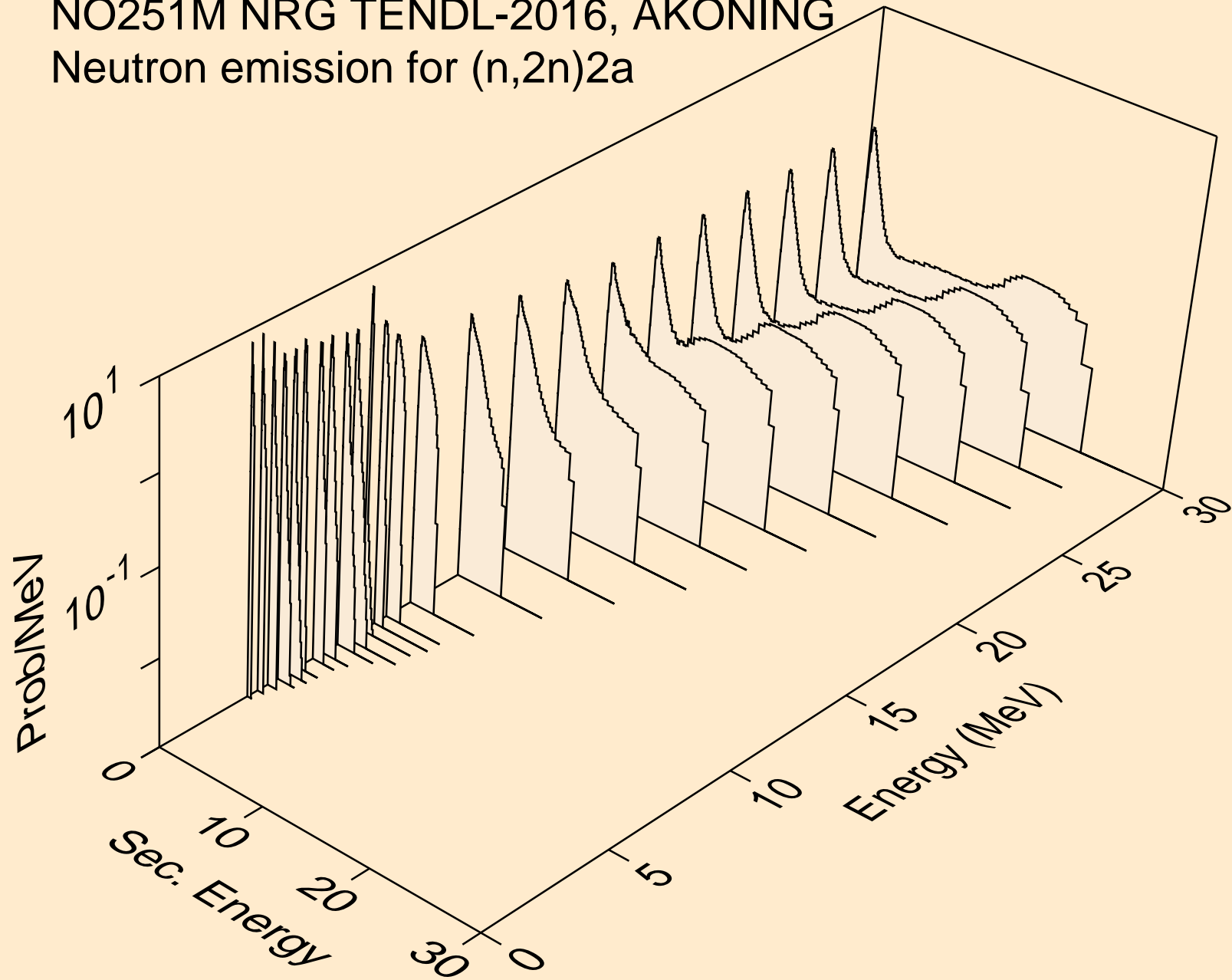
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Neutron emission for (n,n\*)p



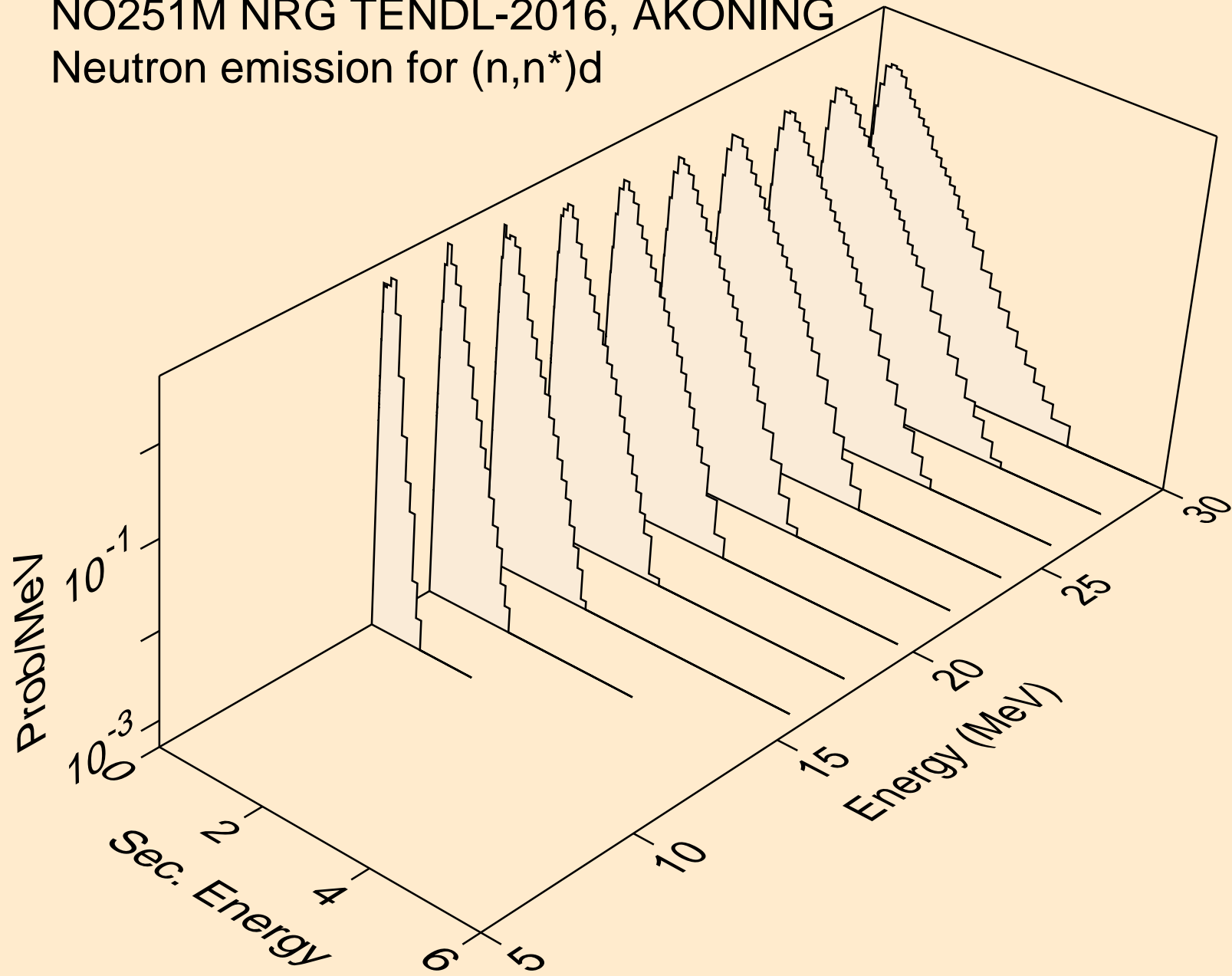
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Neutron emission for (n,n\*)2a



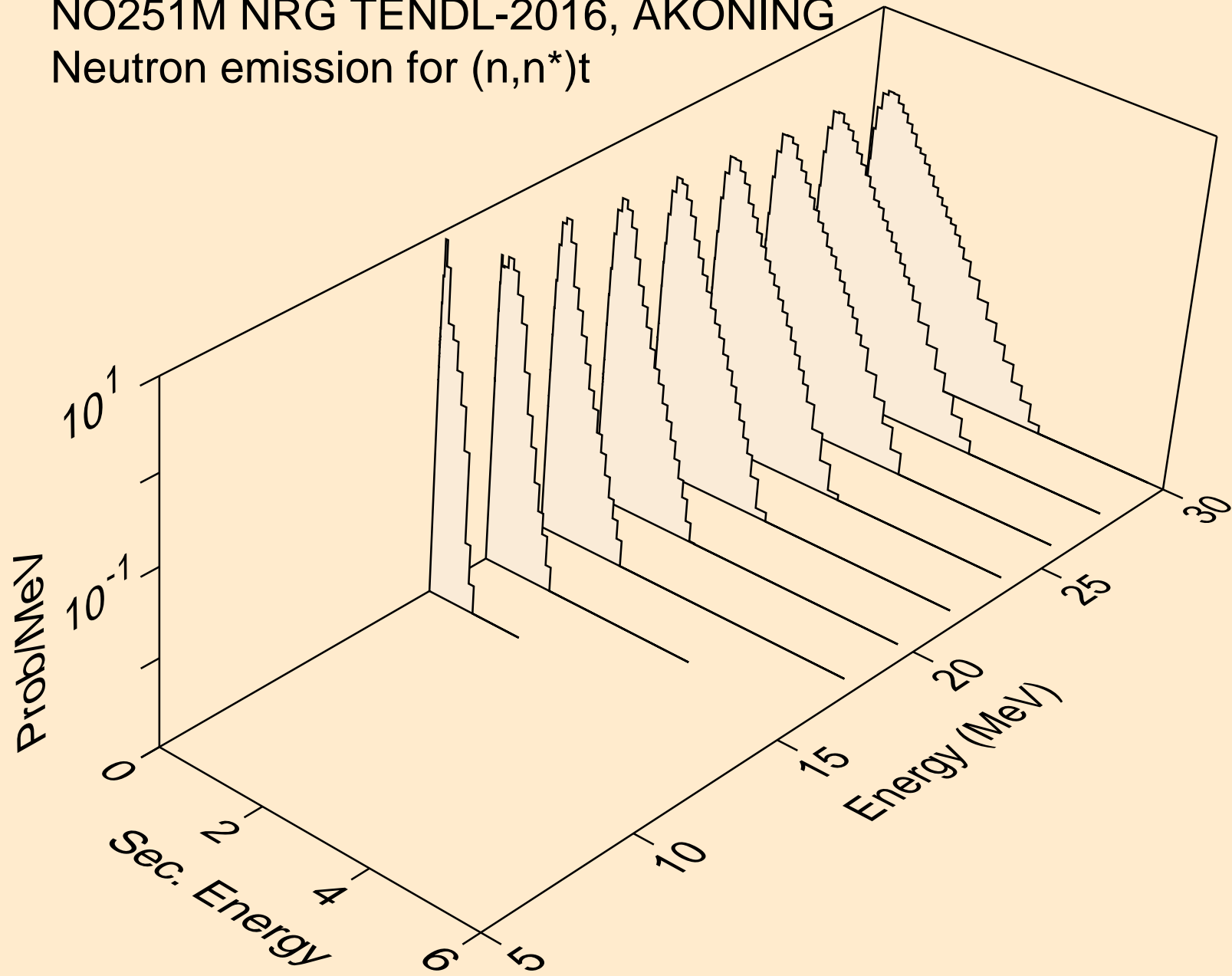
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Neutron emission for (n,2n)2a



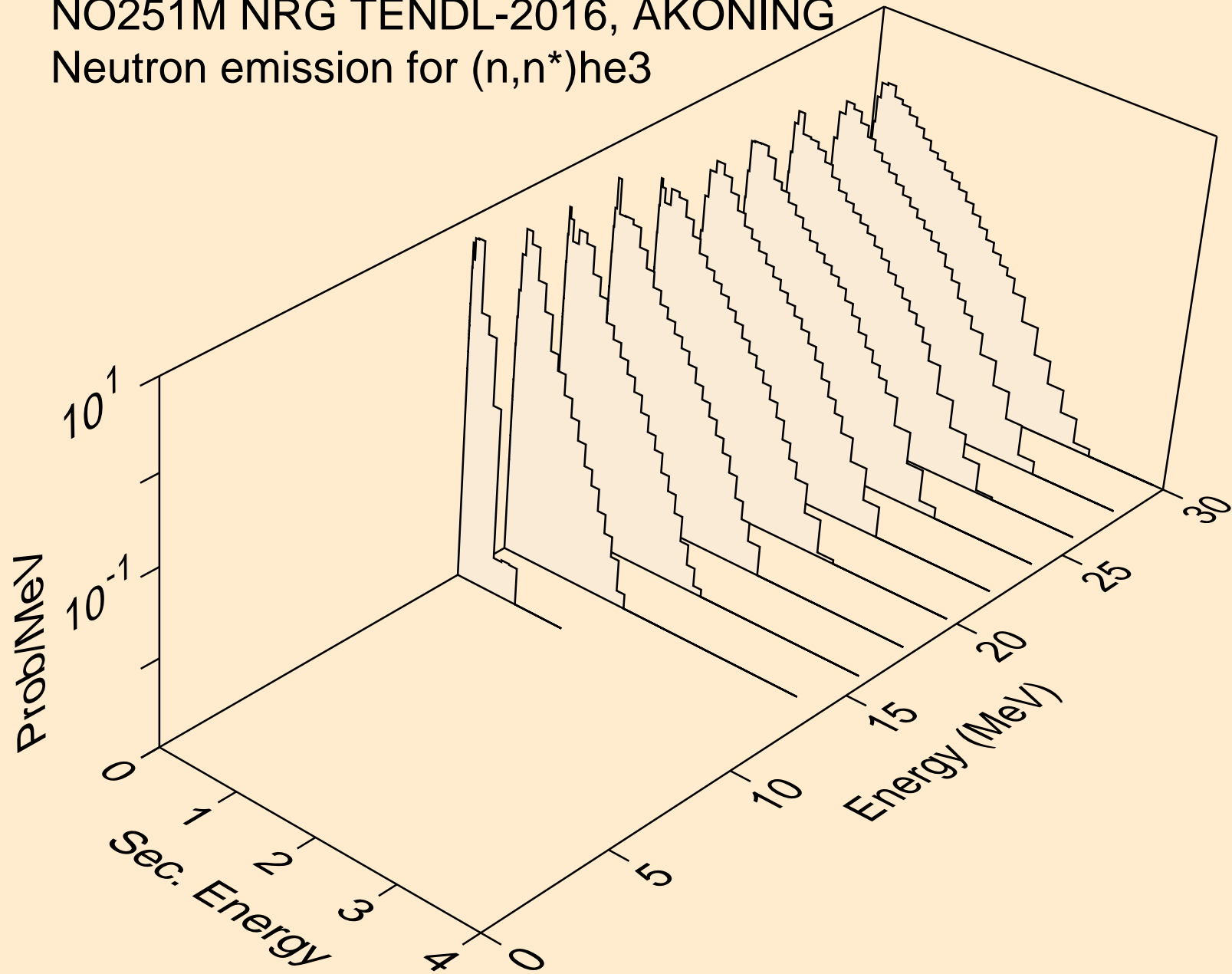
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Neutron emission for (n,n\*)d



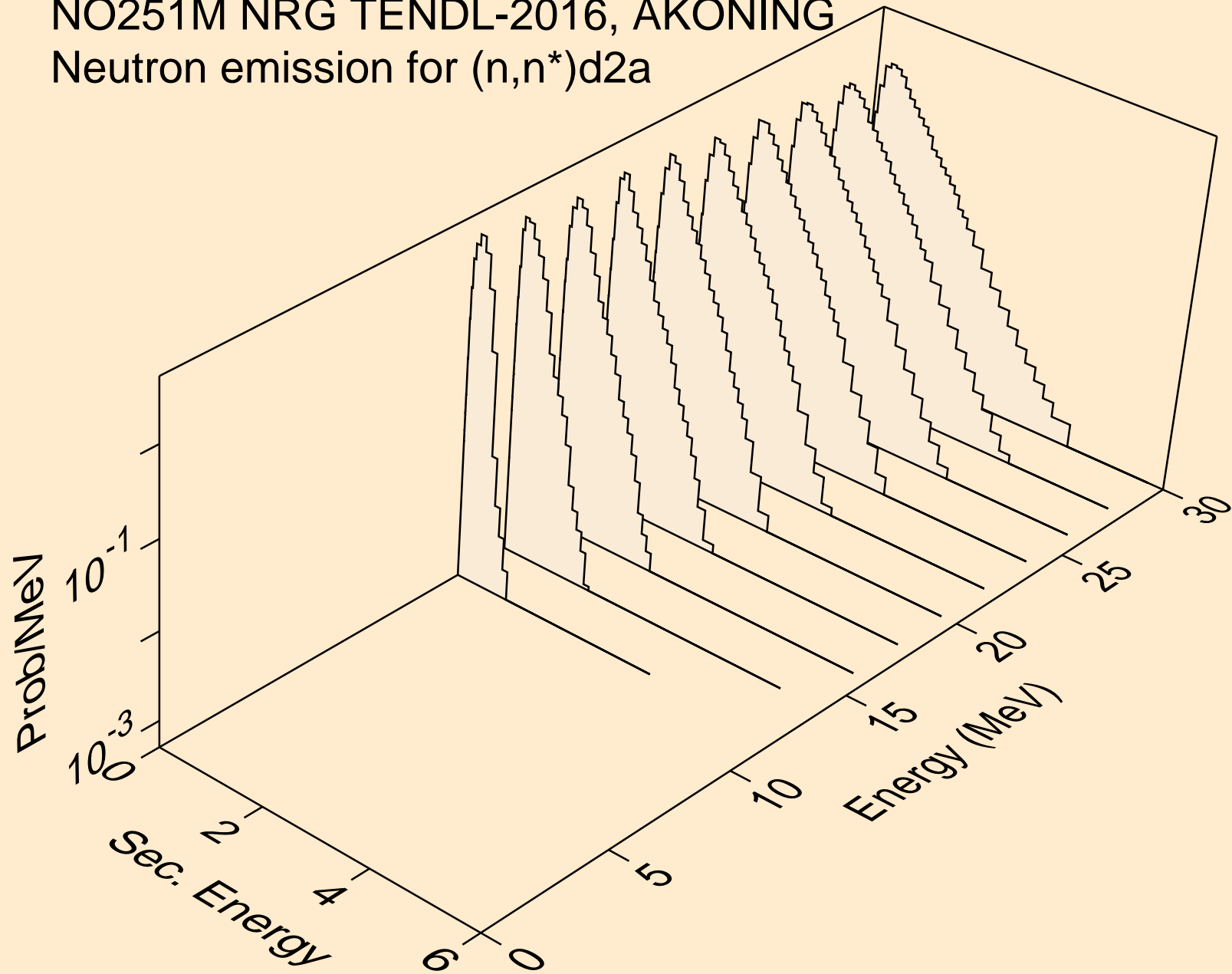
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Neutron emission for (n,n\*)t



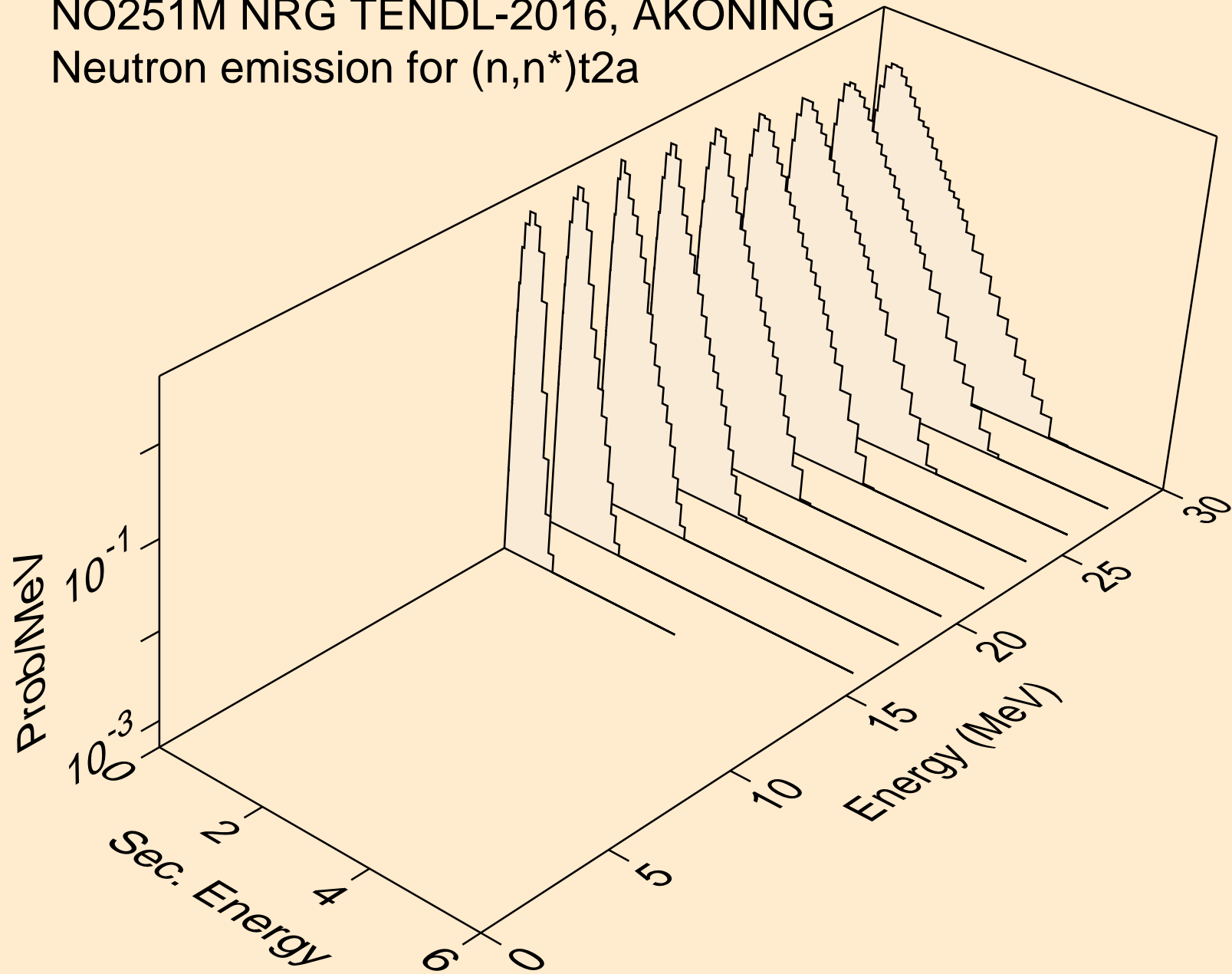
NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)he3



NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d2a

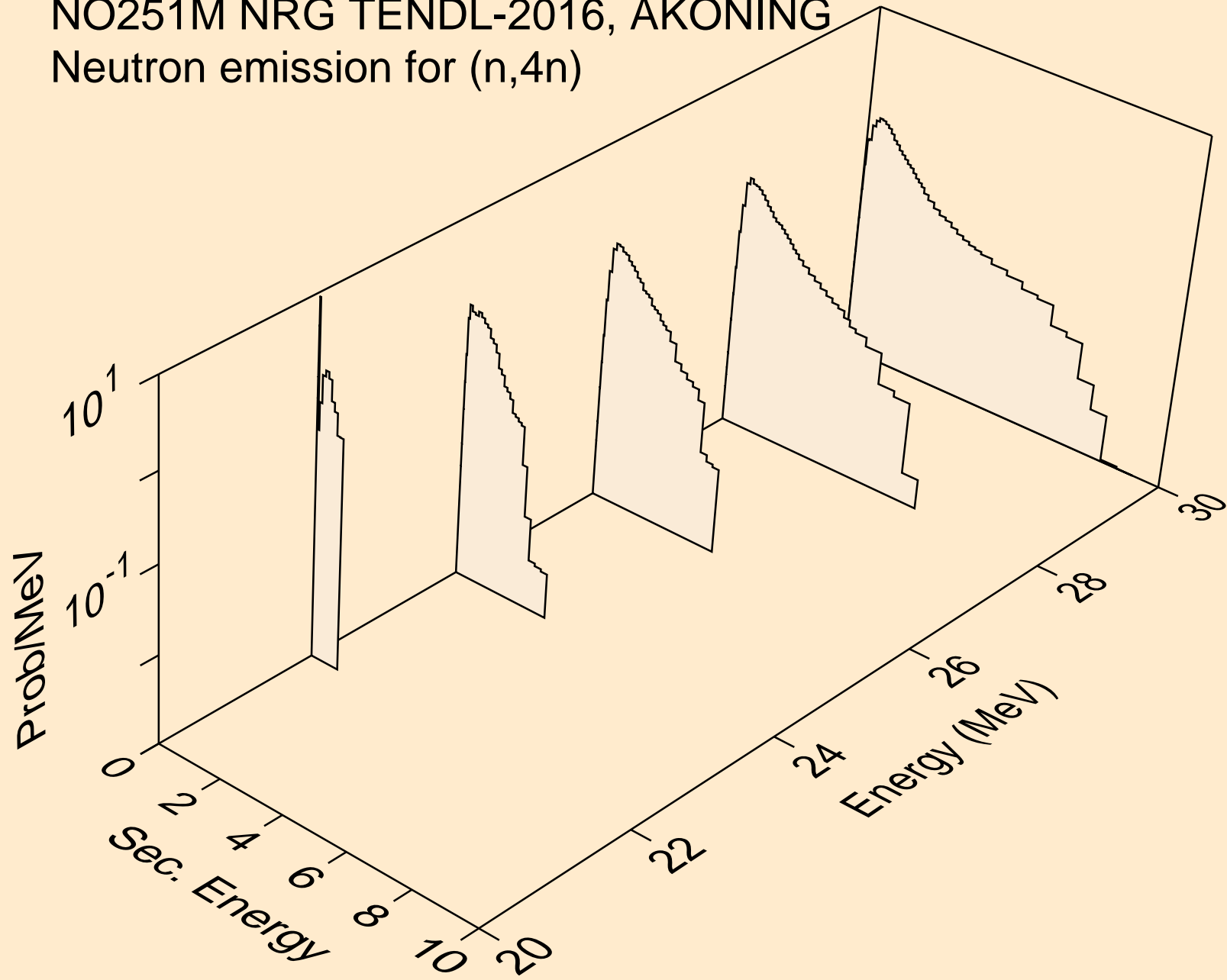


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Neutron emission for (n,n\*)t2a

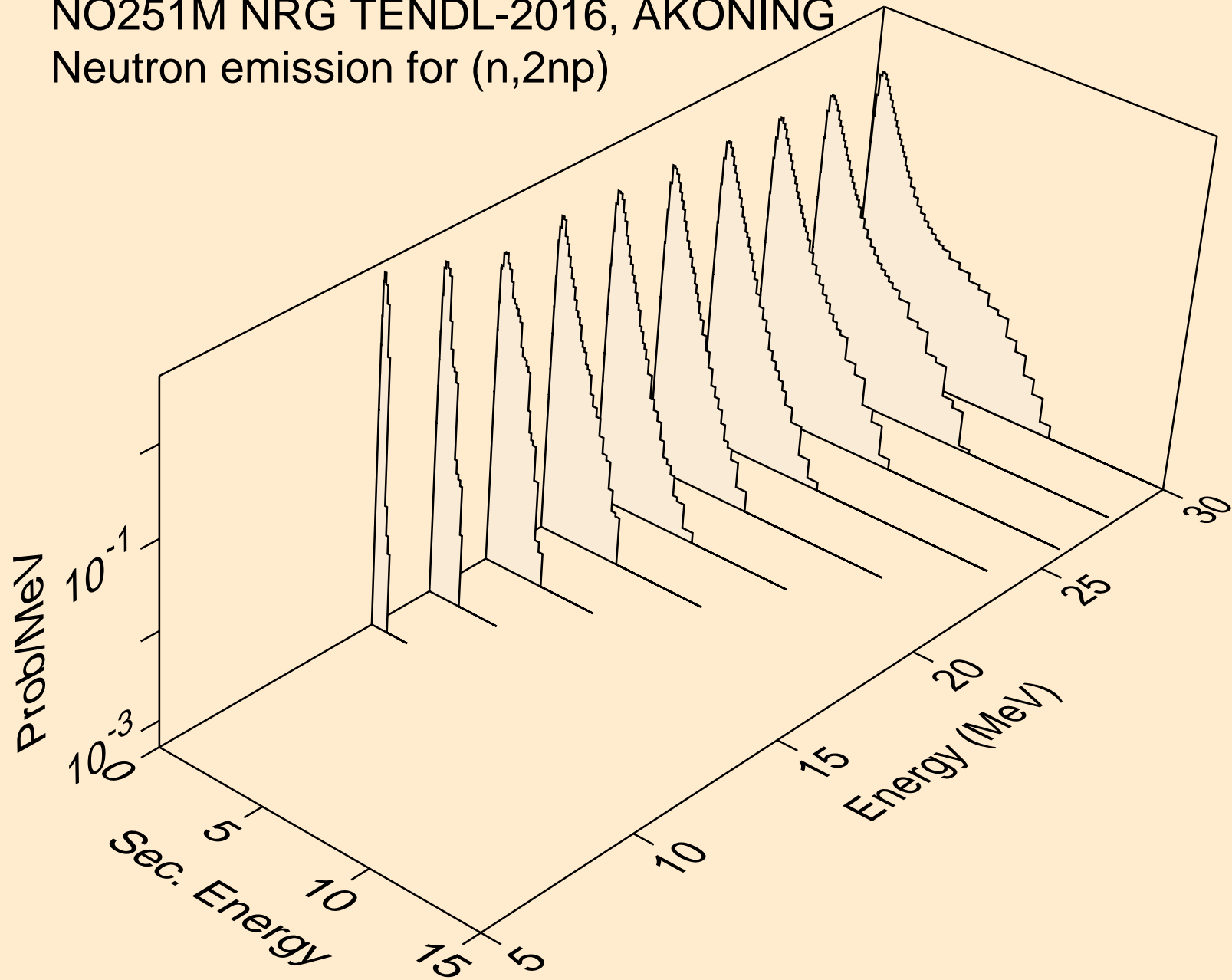




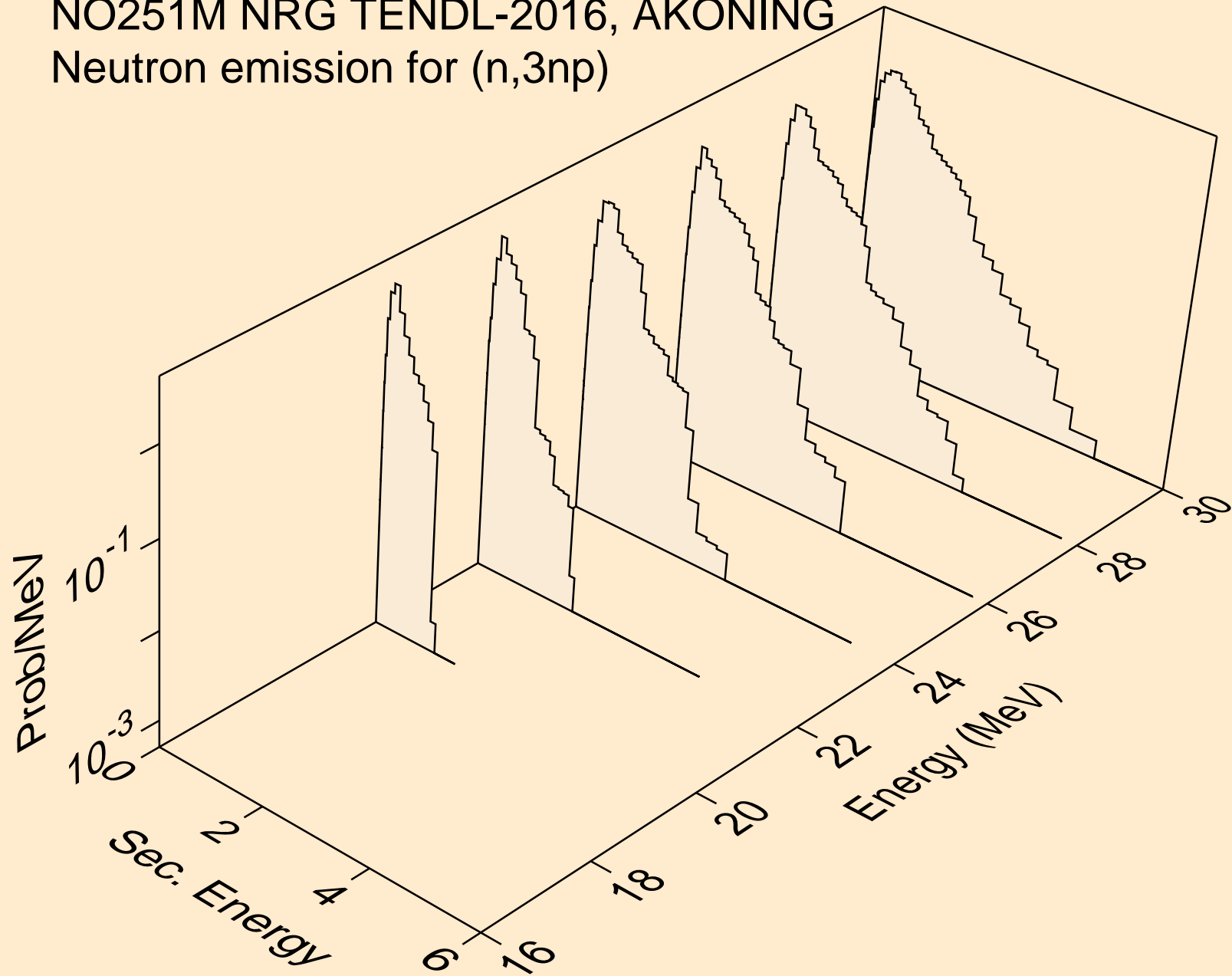
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Neutron emission for (n,4n)



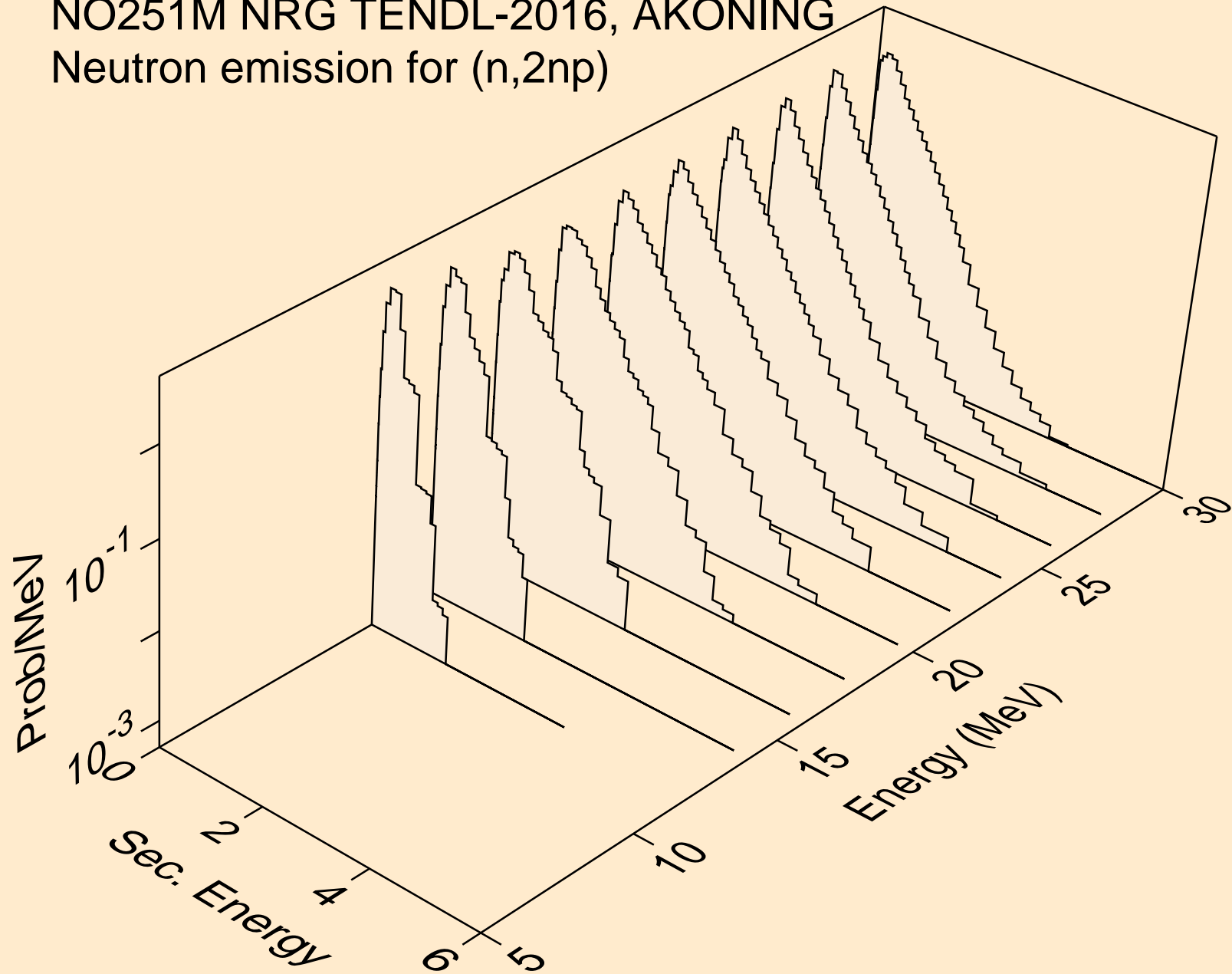
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Neutron emission for (n,2np)



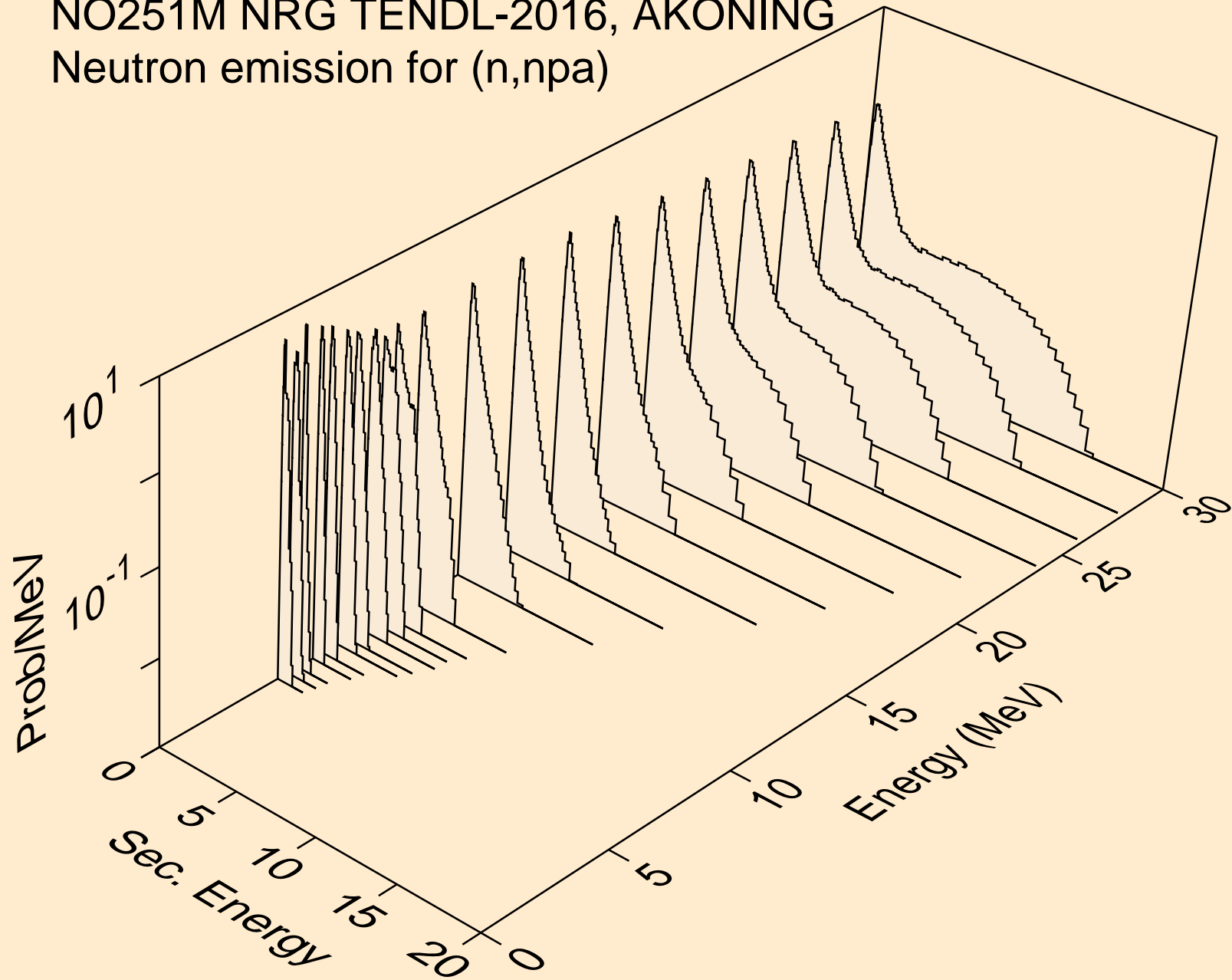
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Neutron emission for (n,3np)



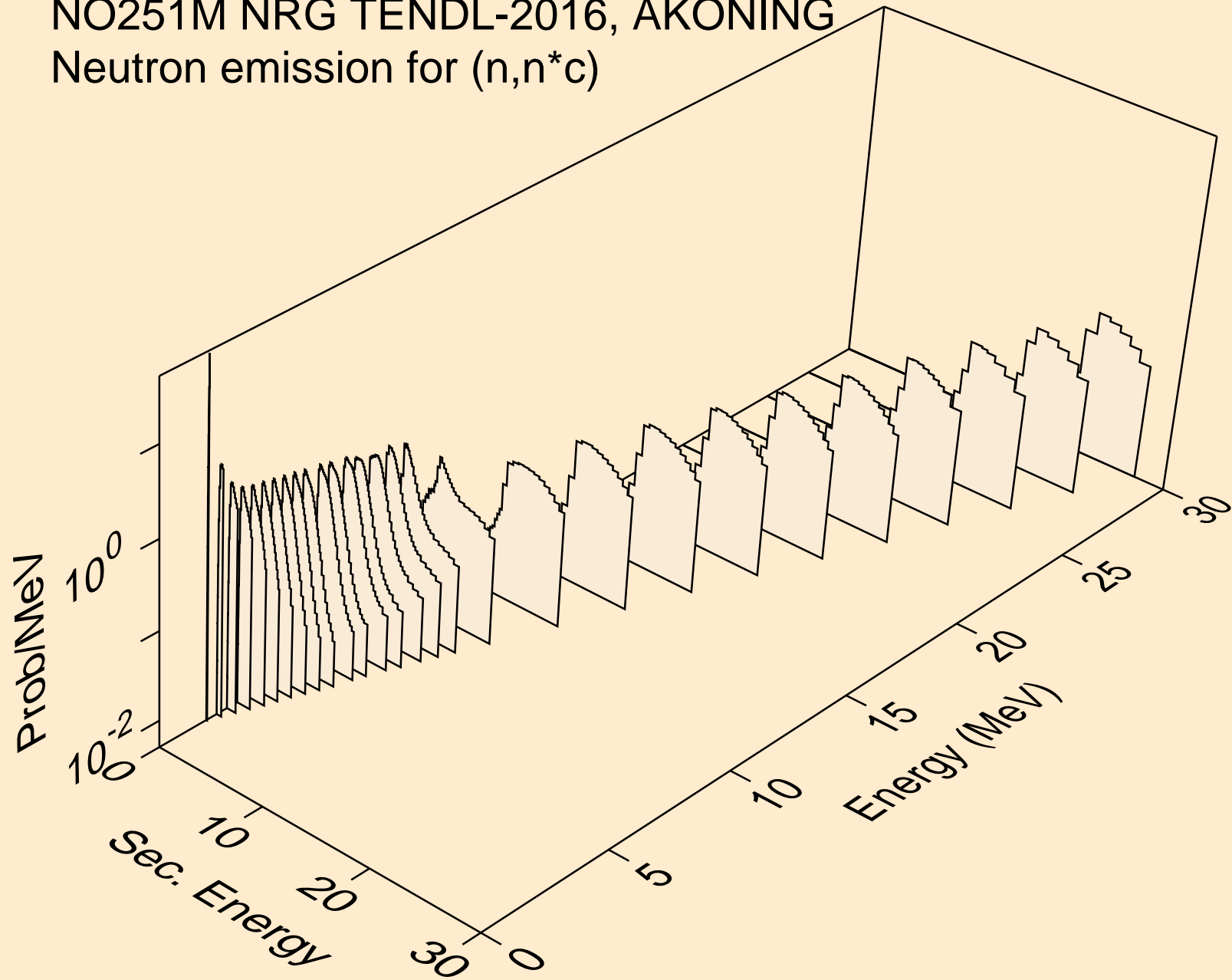
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Neutron emission for (n,2np)



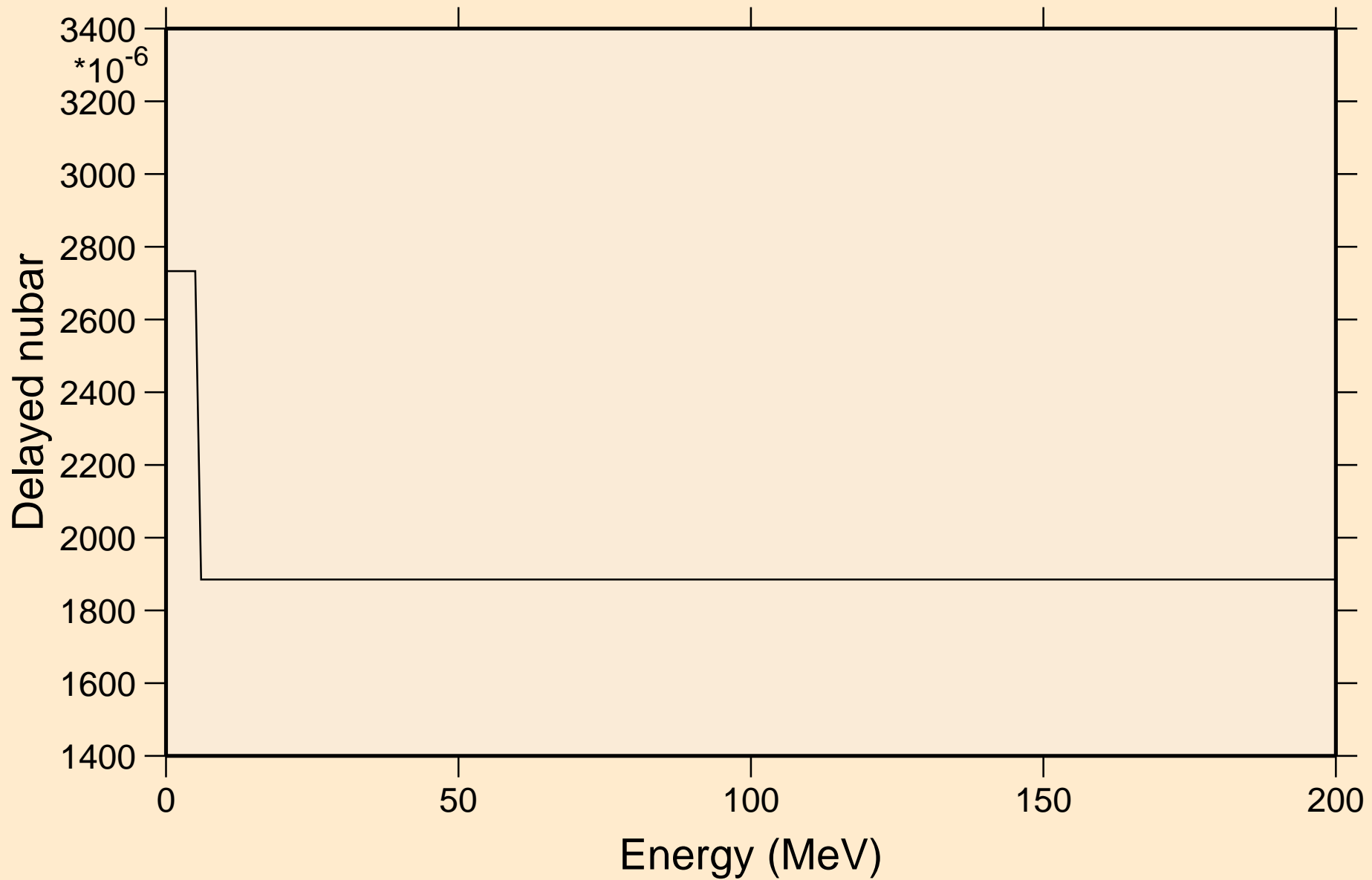
NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,npa)



NO251M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*c)

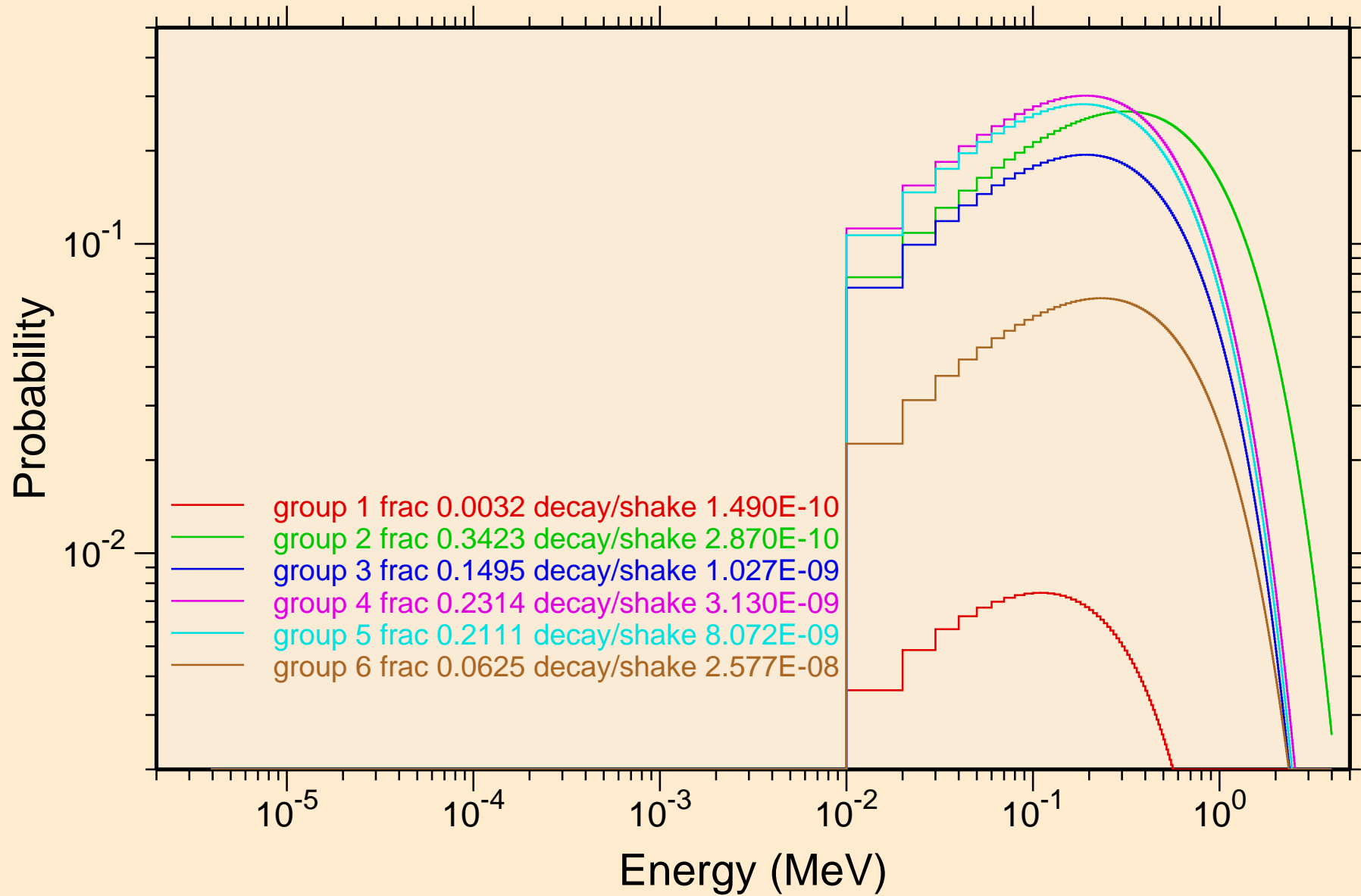


NO251M NRG TENDL-2016, AKONING  
Delayed nubar



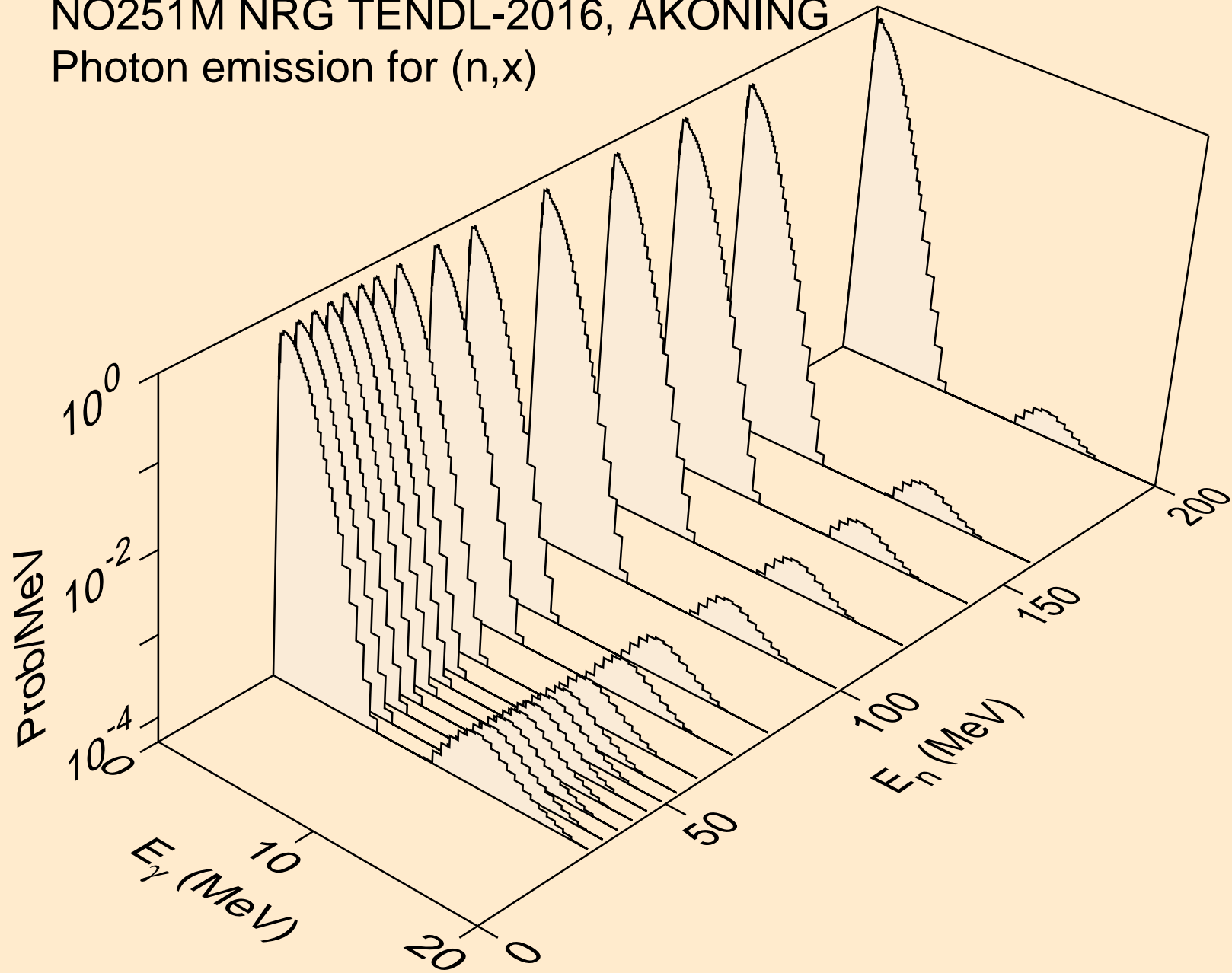
# NO251M NRG TENDL-2016, AKONING

## Delayed neutron spectra

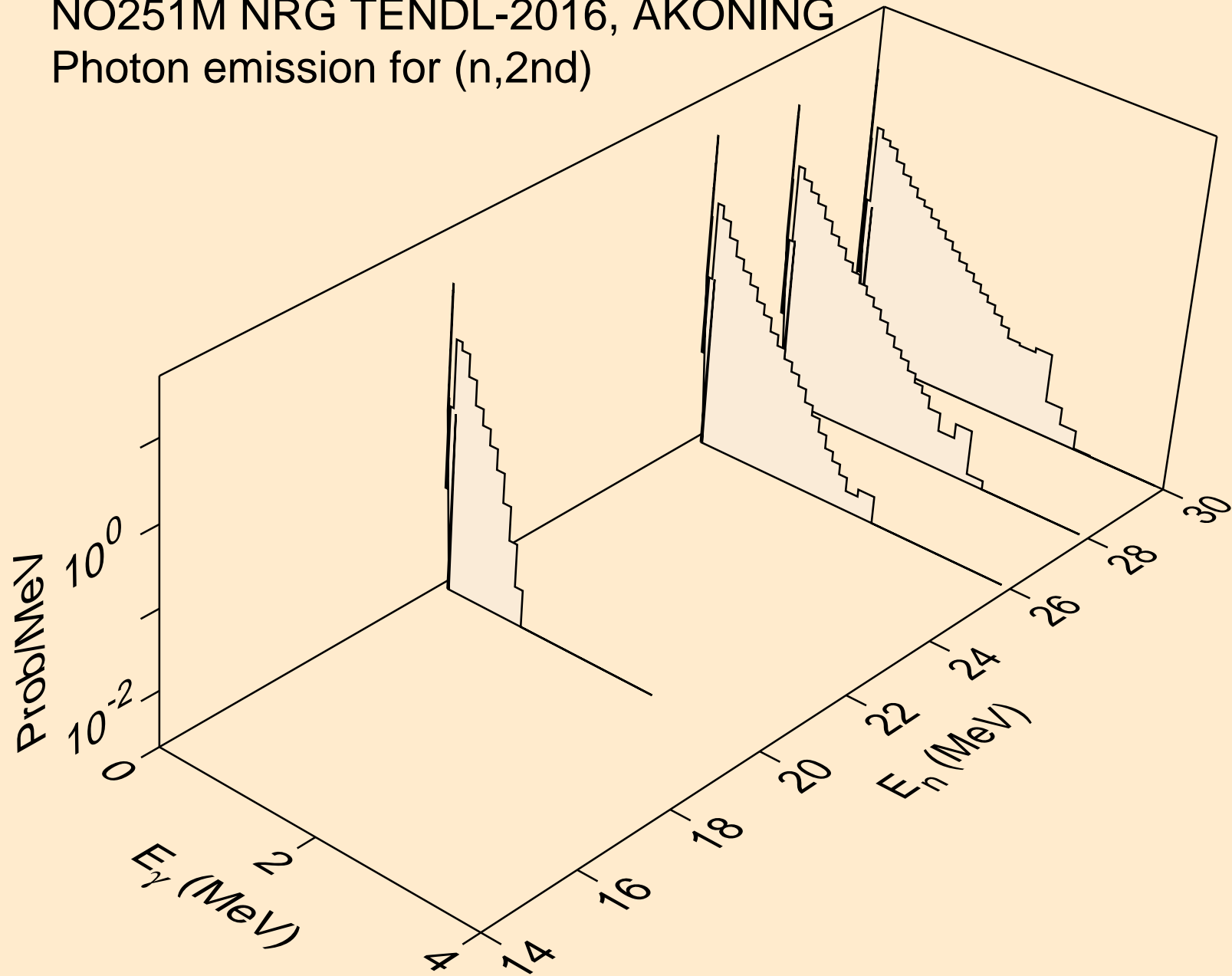




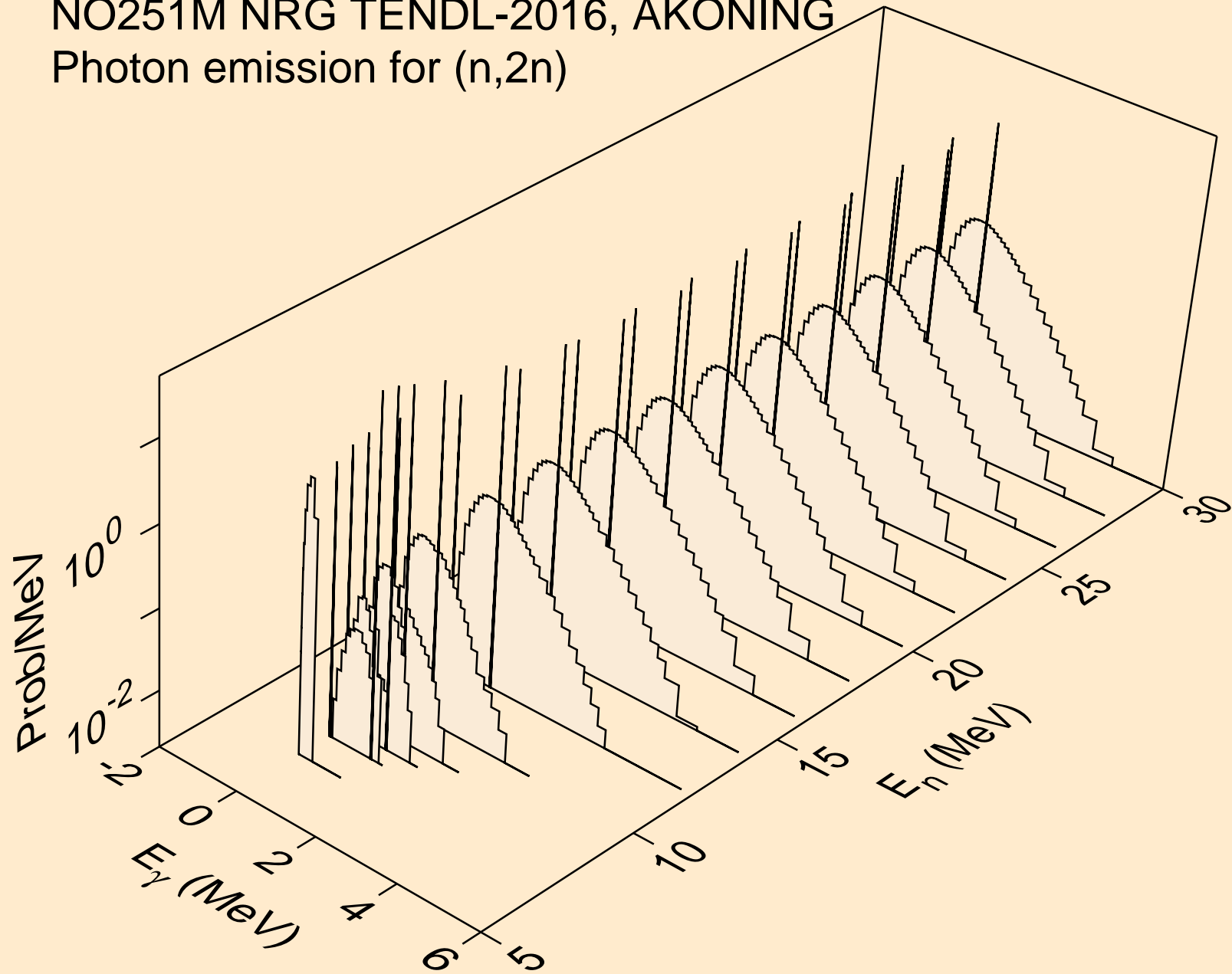
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,x)



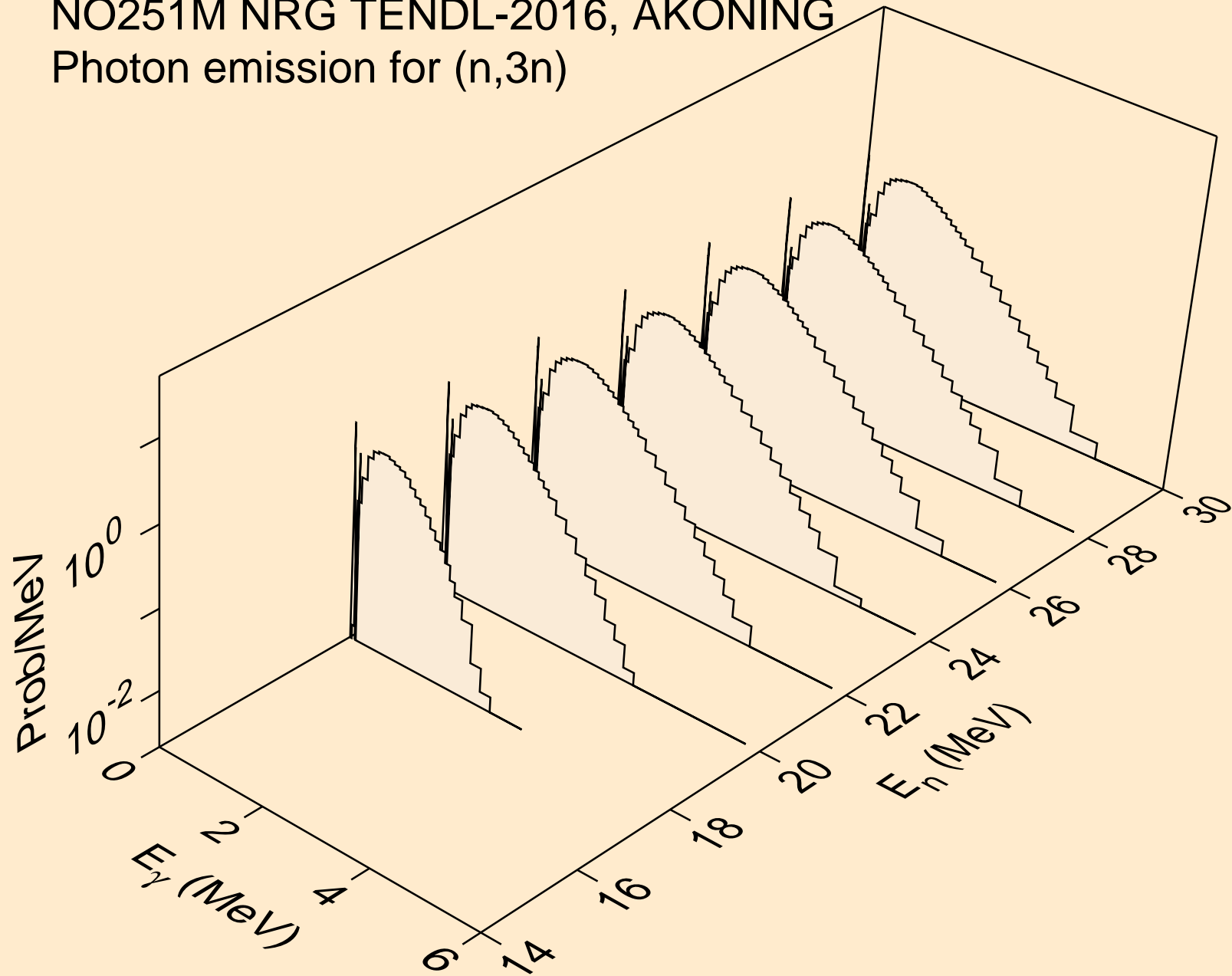
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Photon emission for (n,2nd)



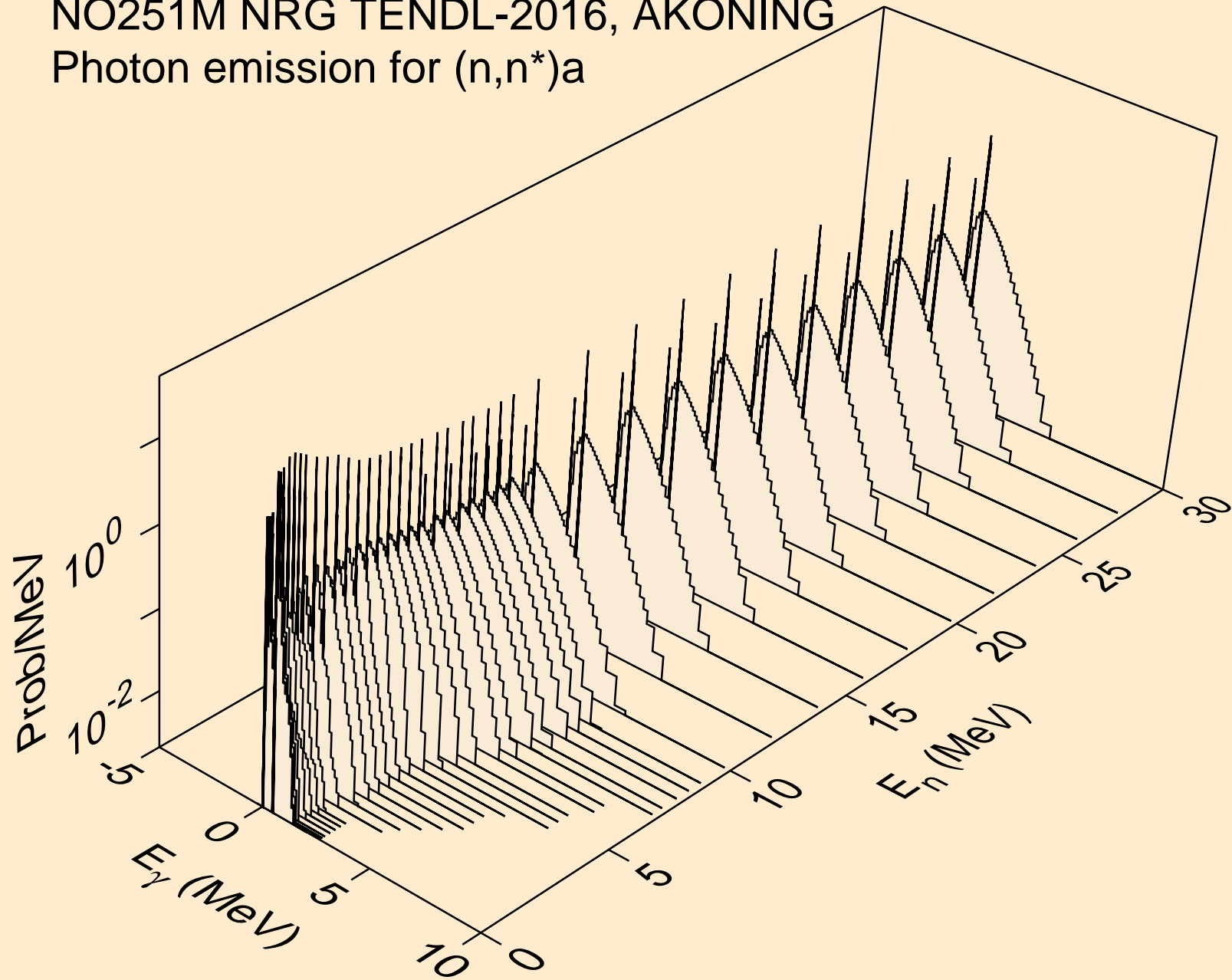
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Photon emission for (n,2n)



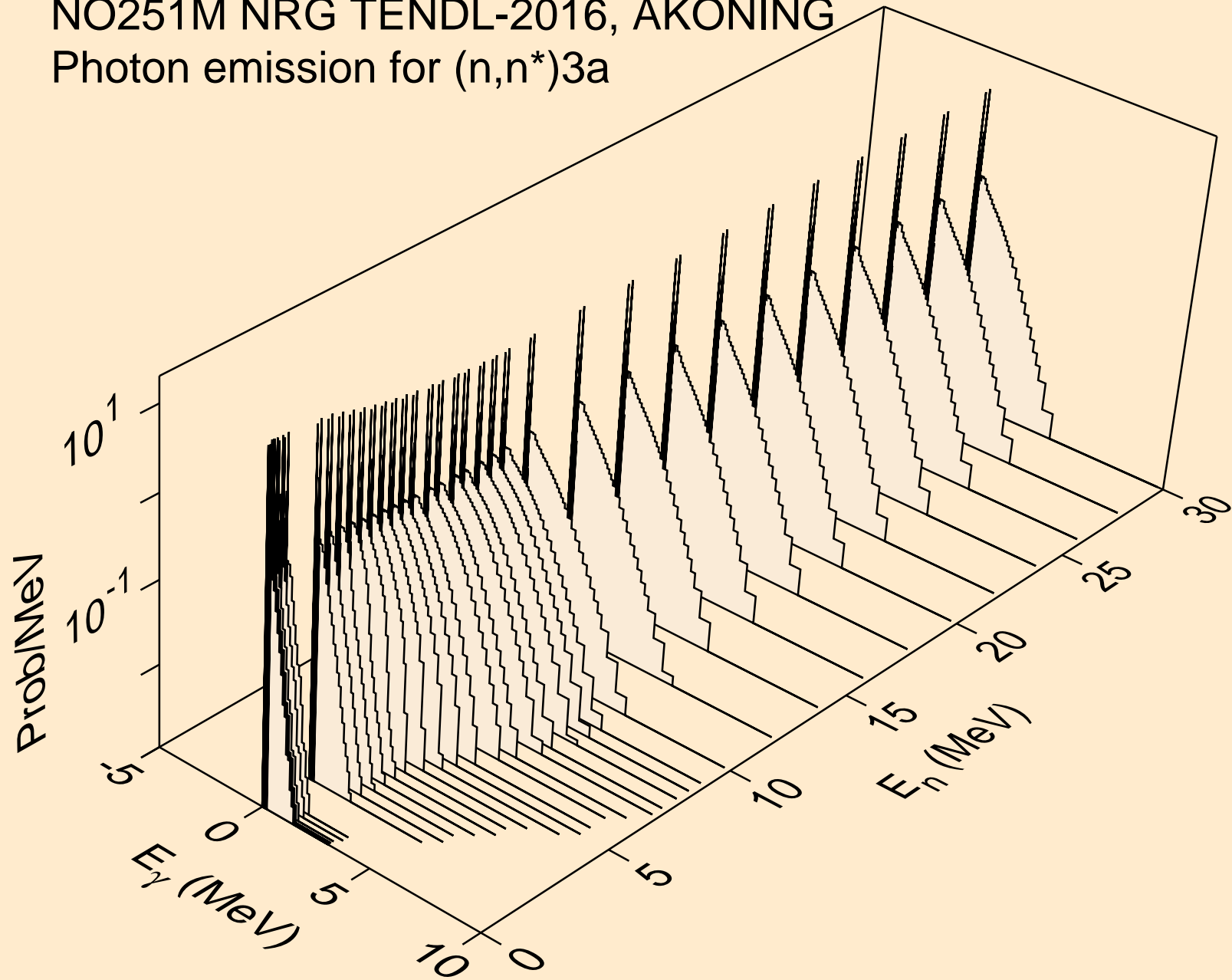
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Photon emission for (n,3n)



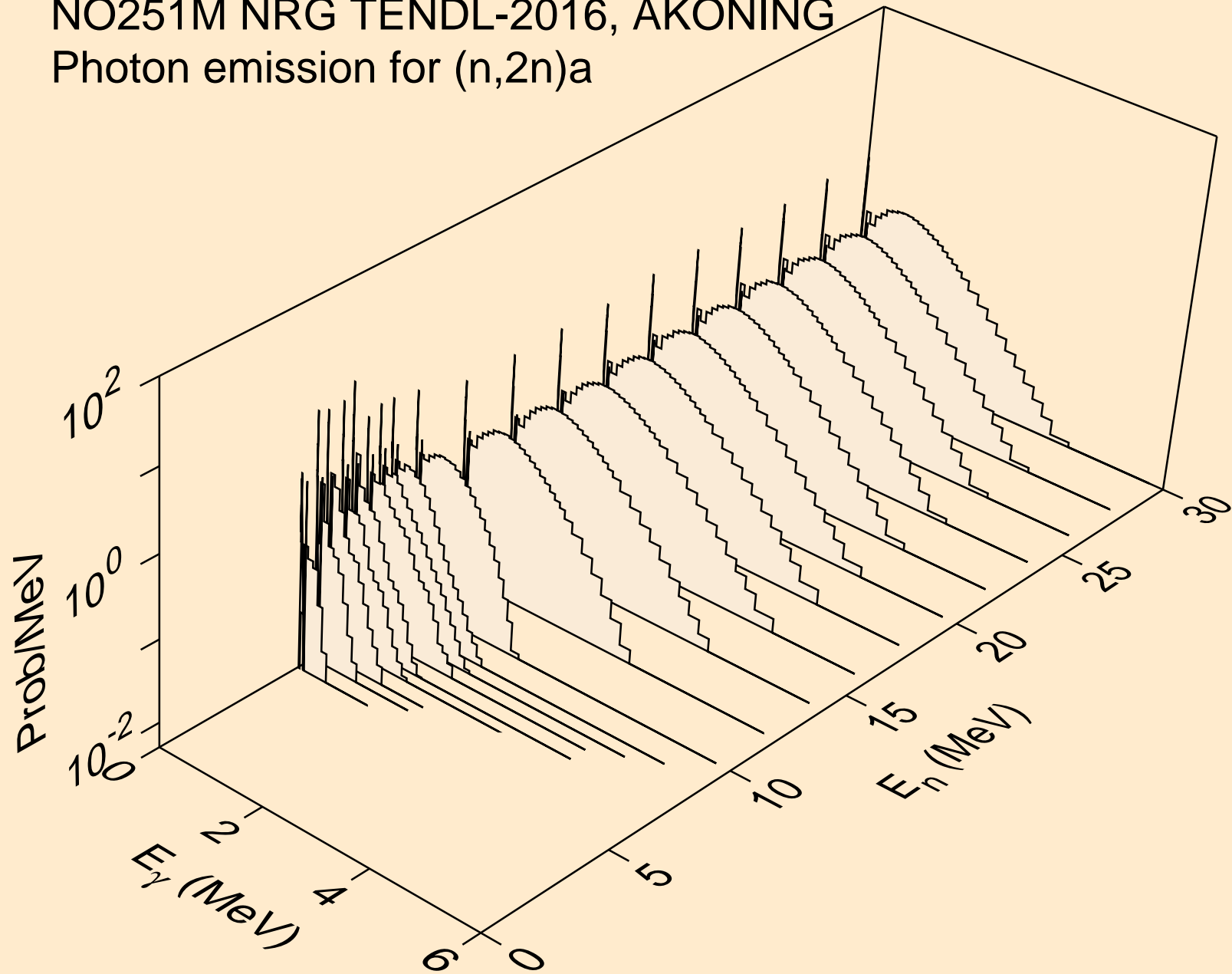
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)a



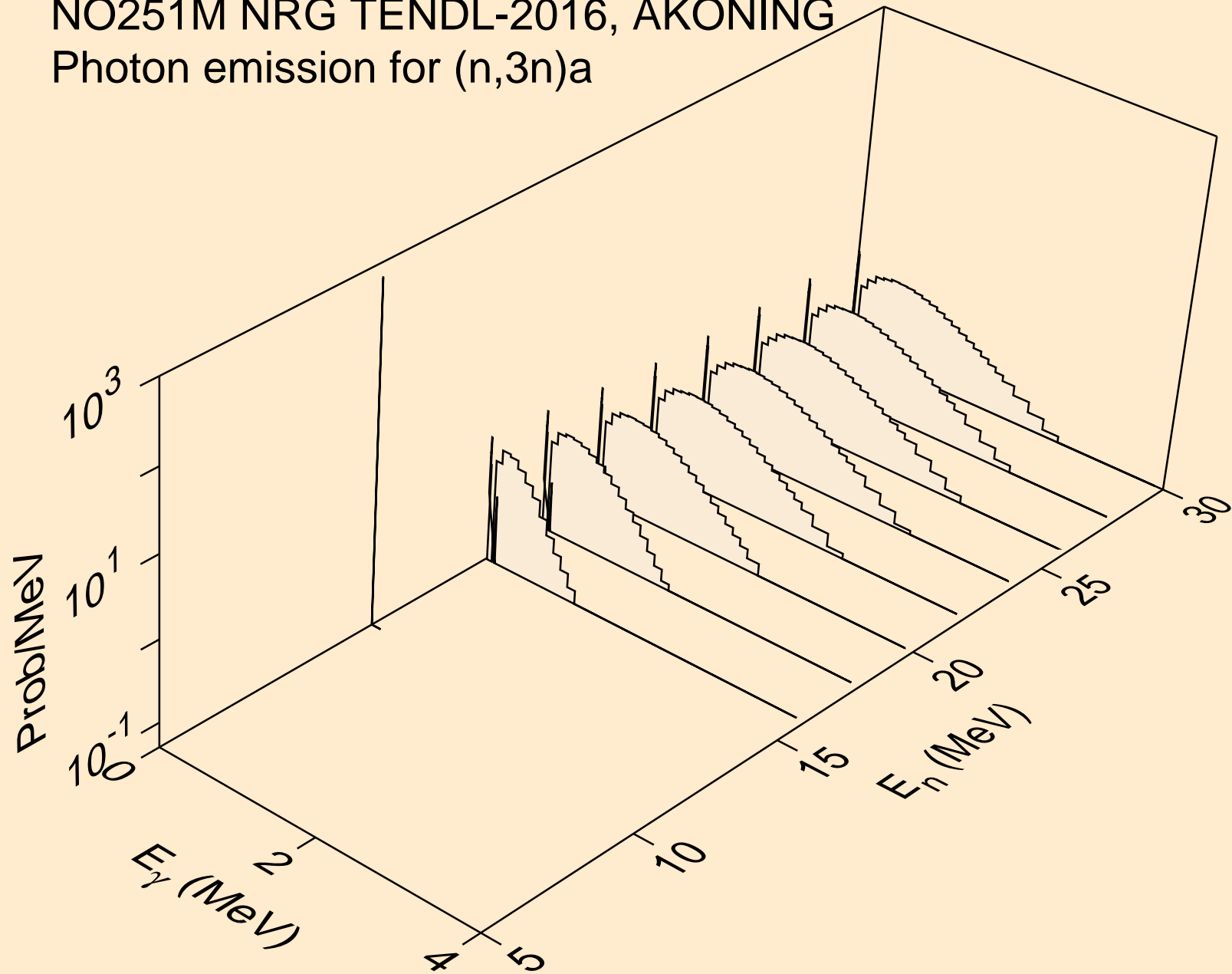
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)3a



NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,2n)a

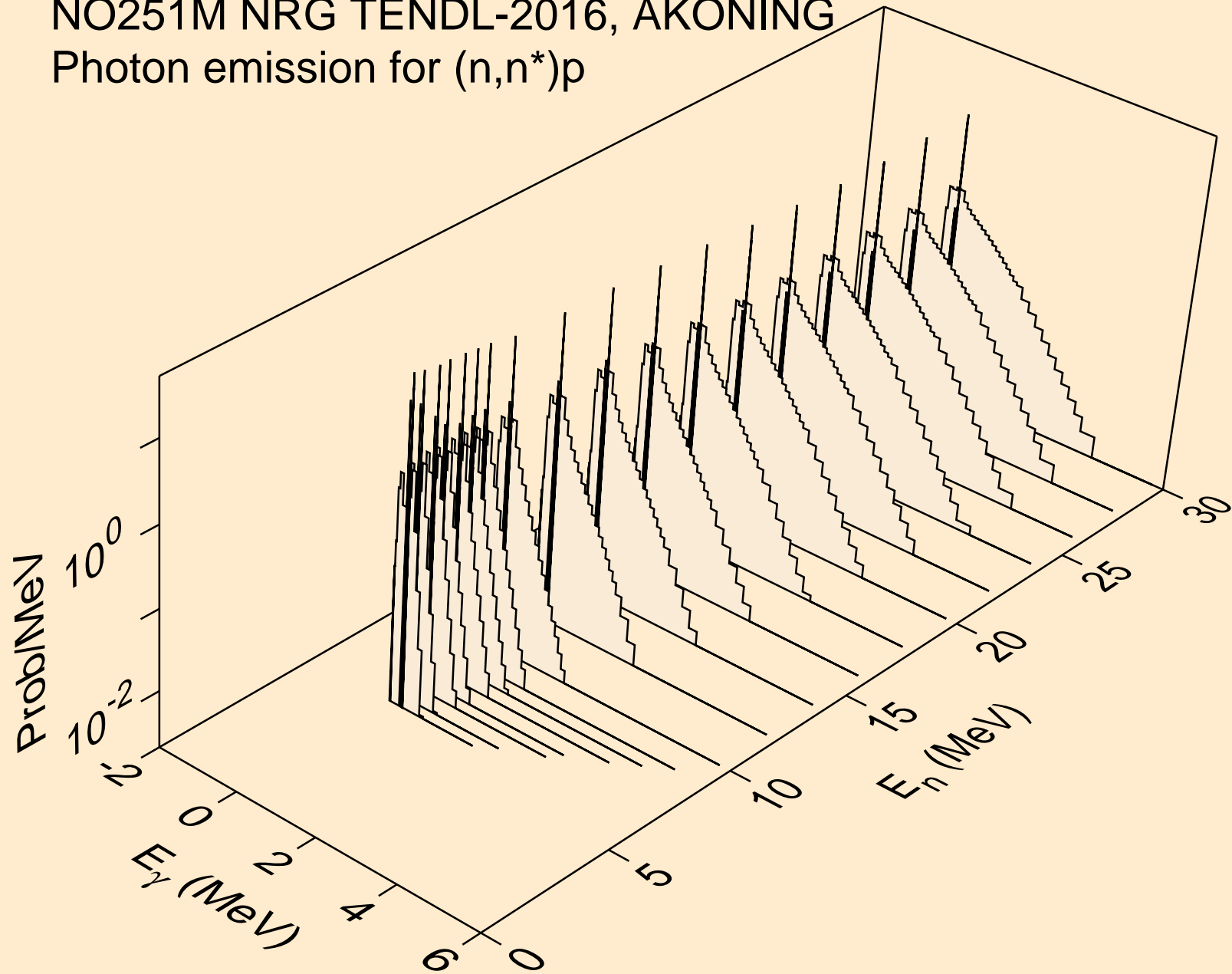


NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,3n)a

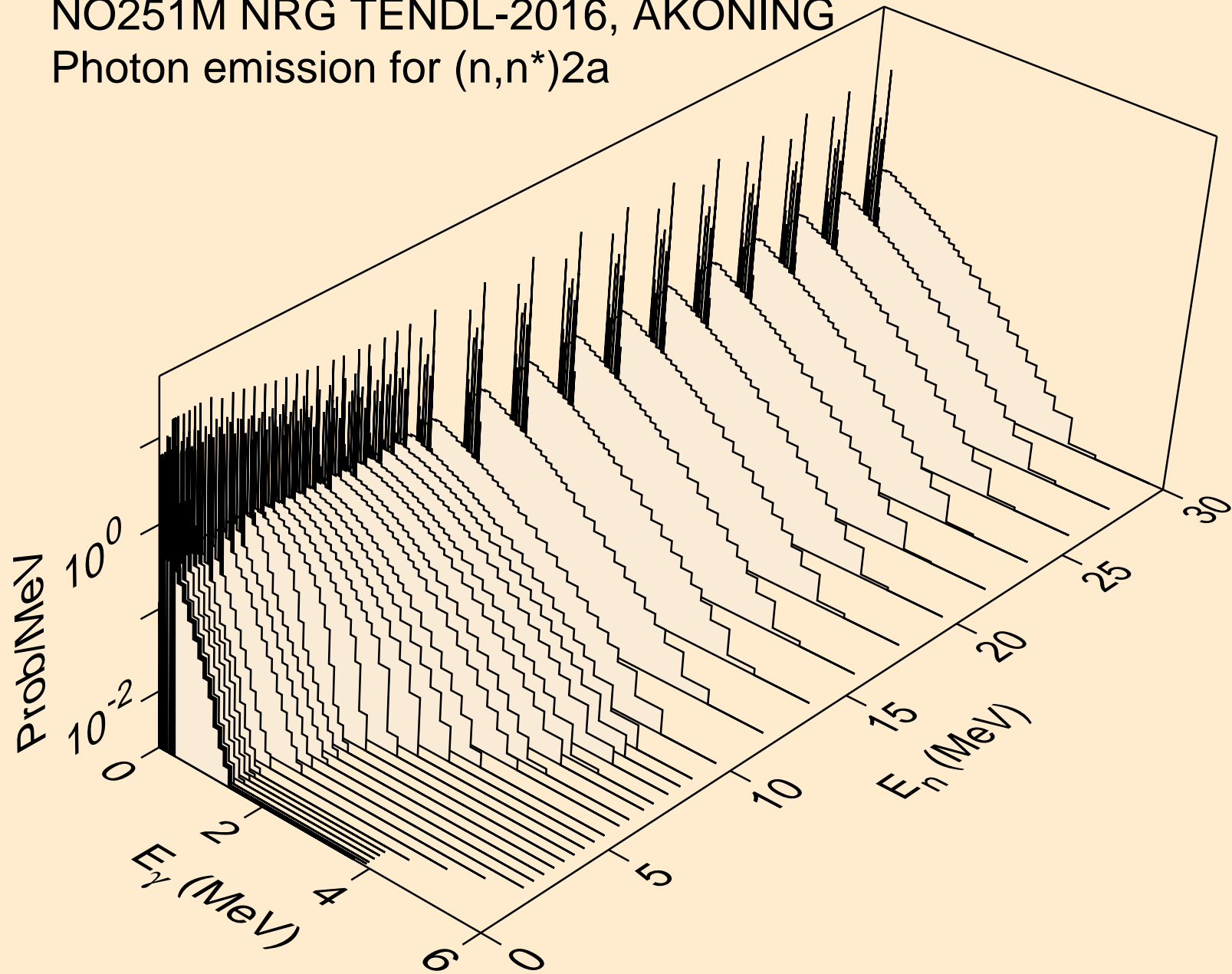




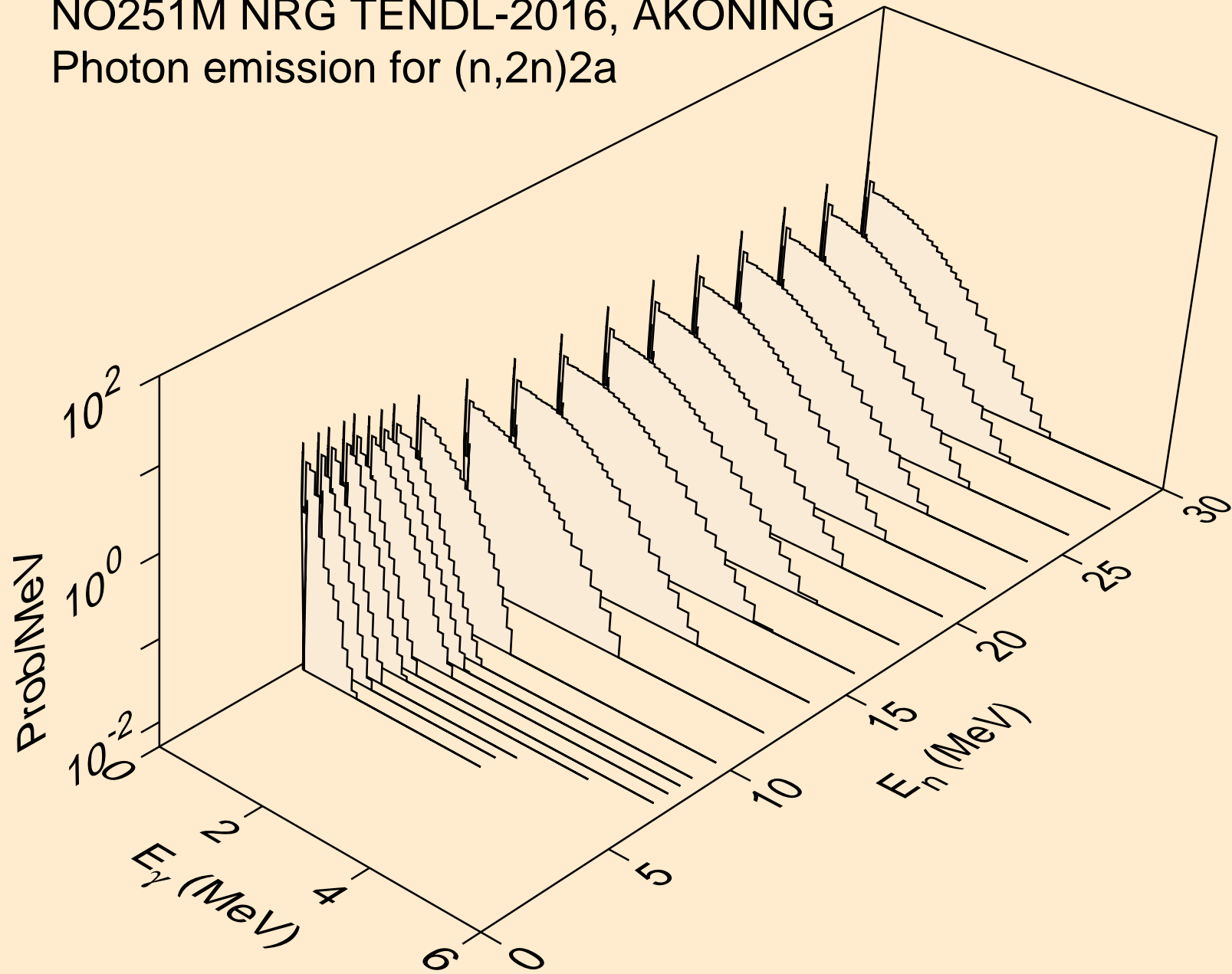
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)p



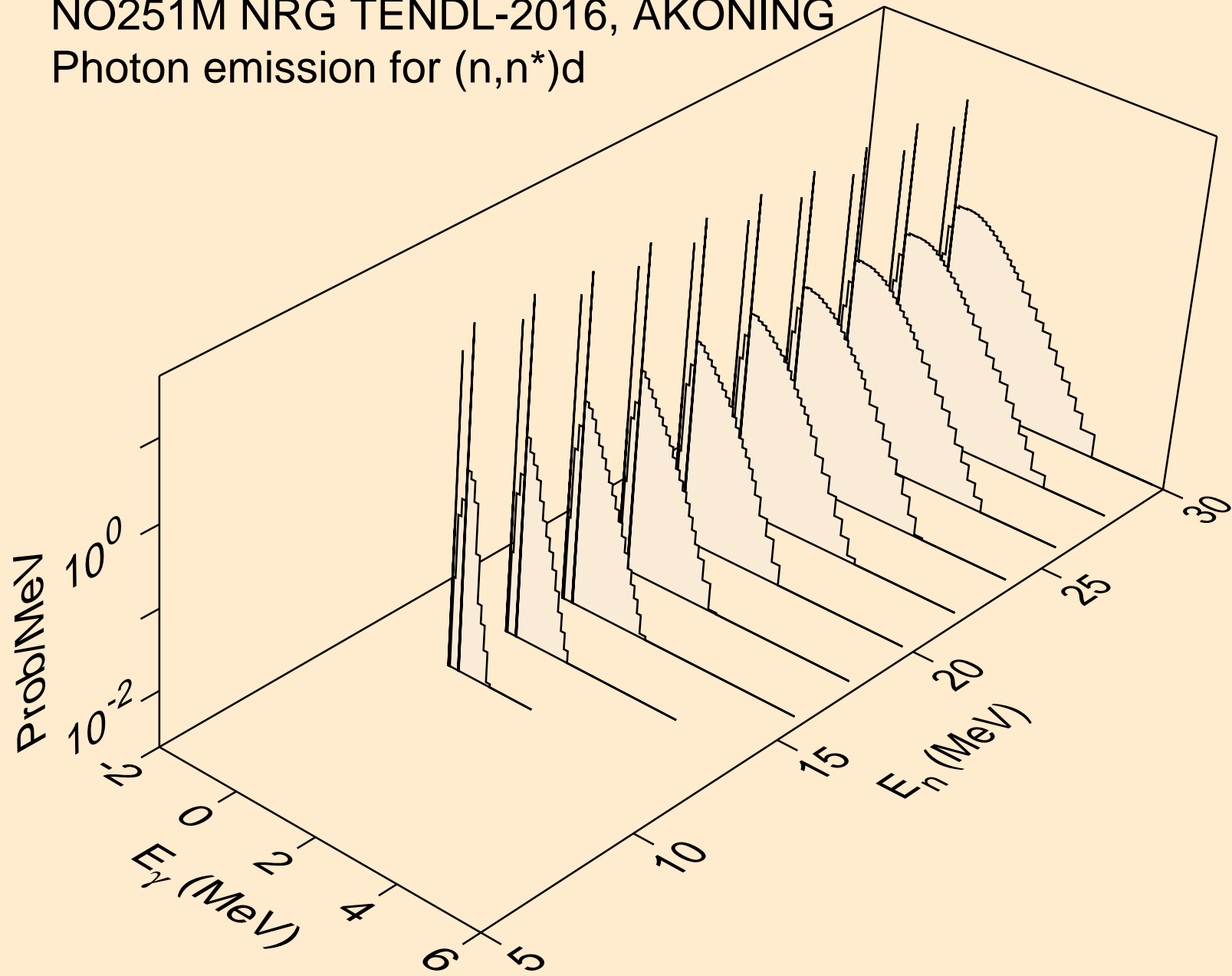
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)2a



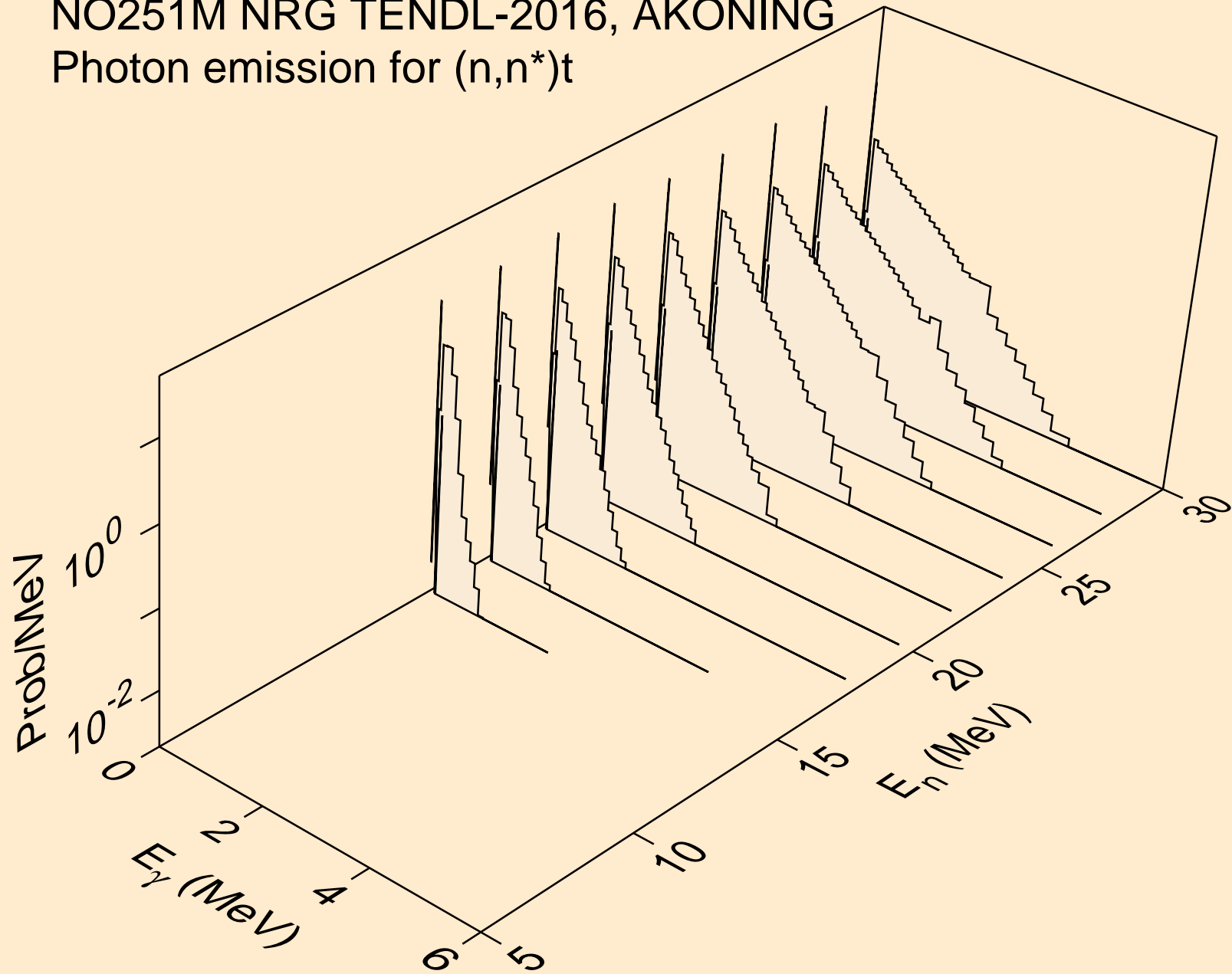
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,2n)2a



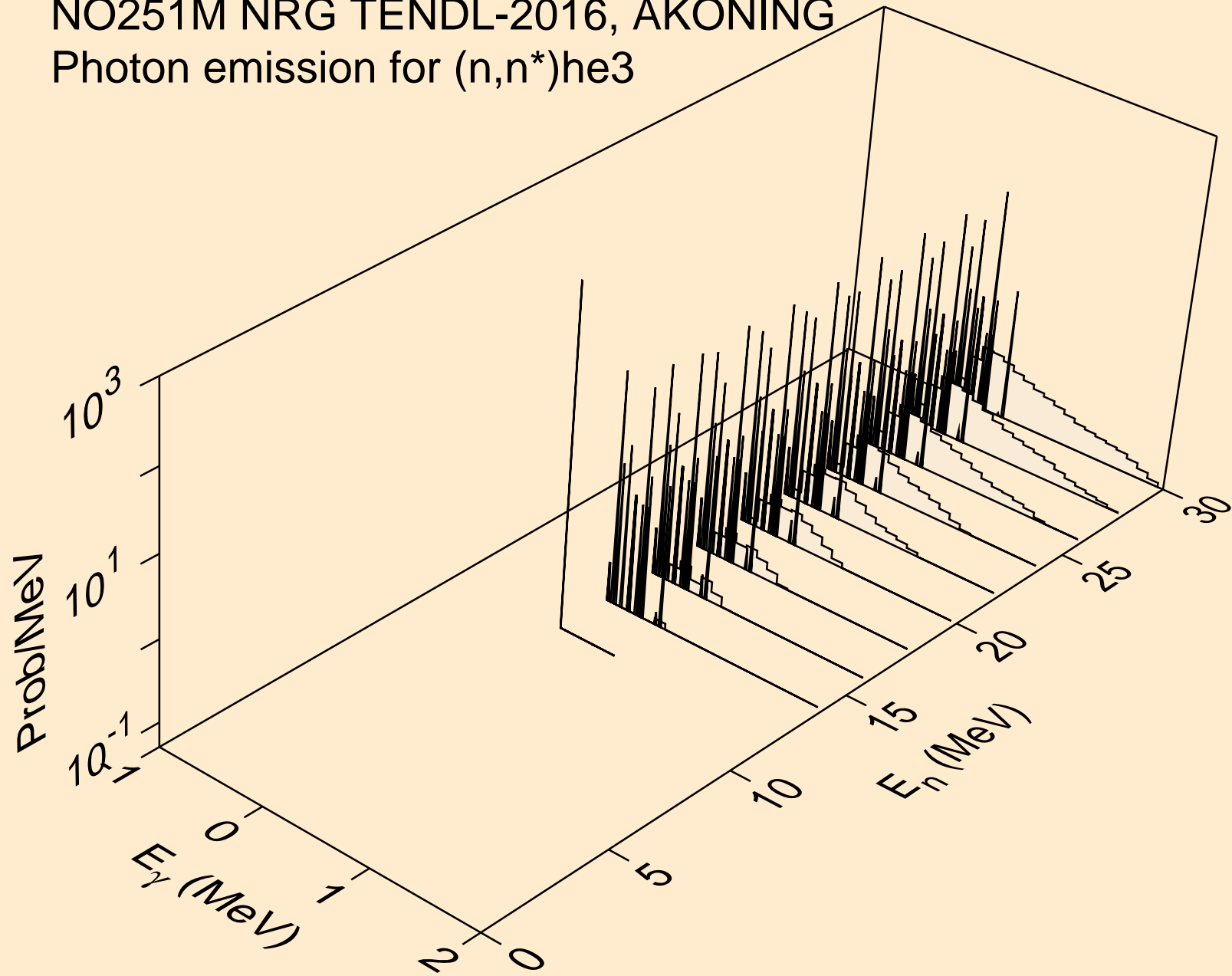
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d



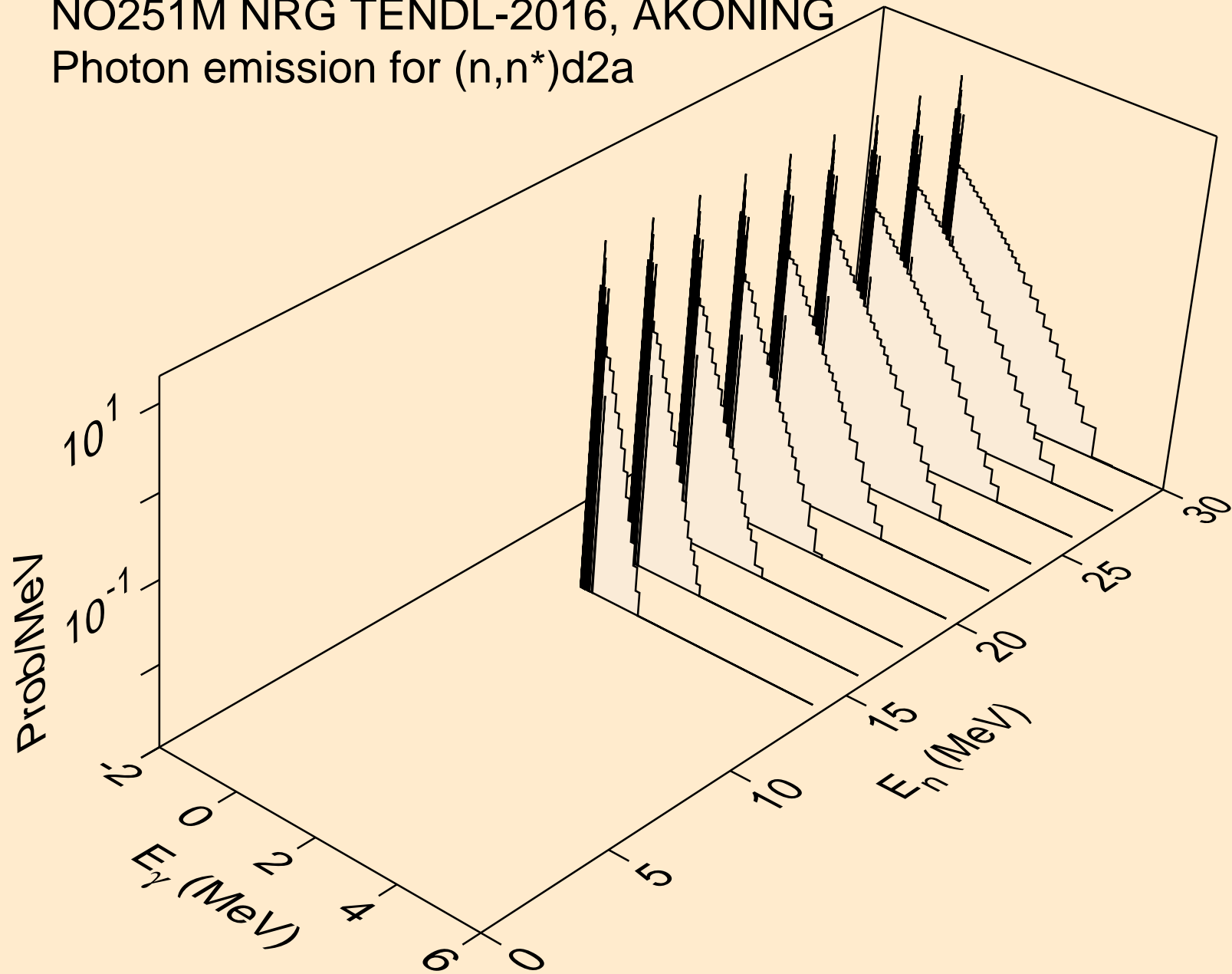
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t



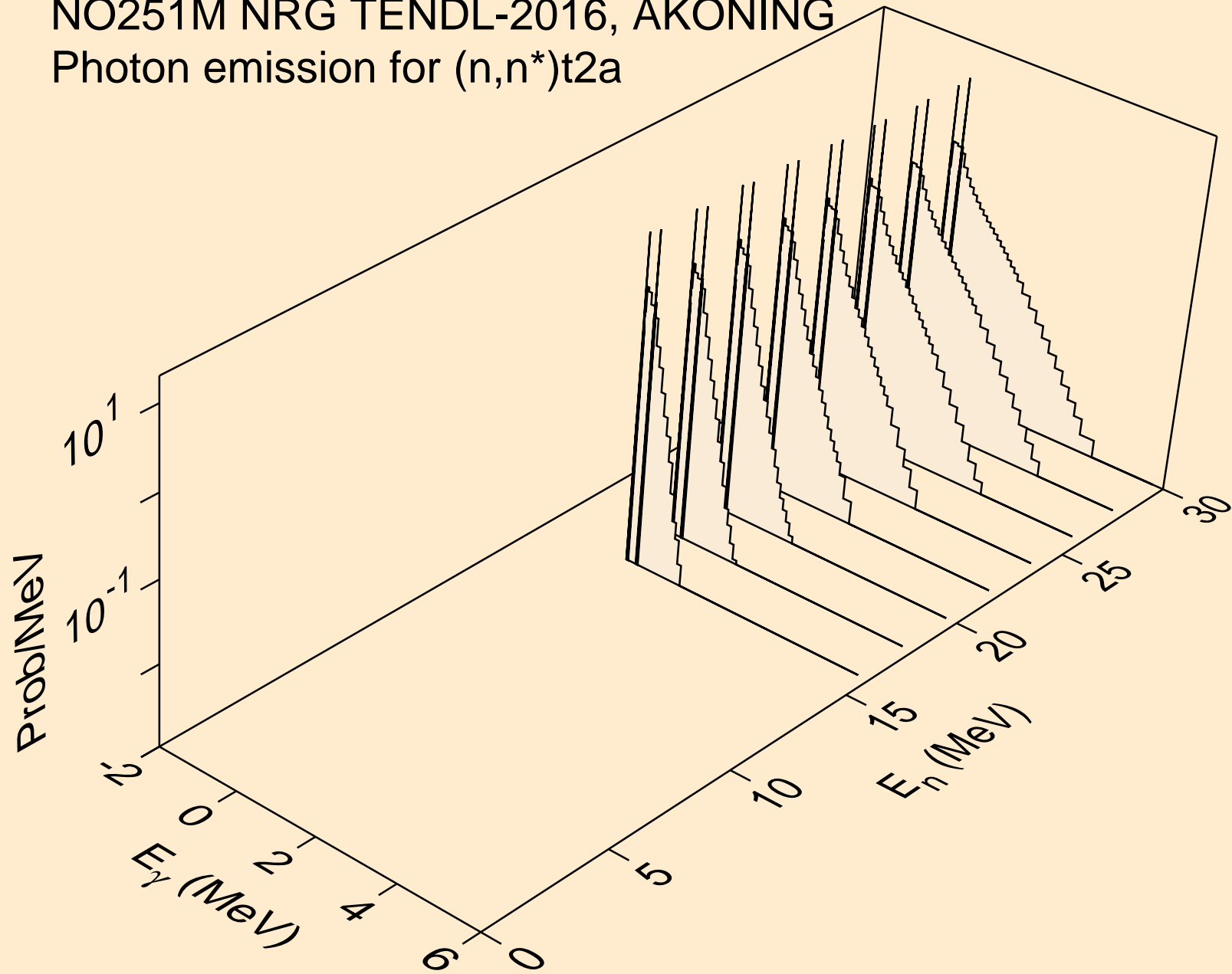
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)he3



NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d2a

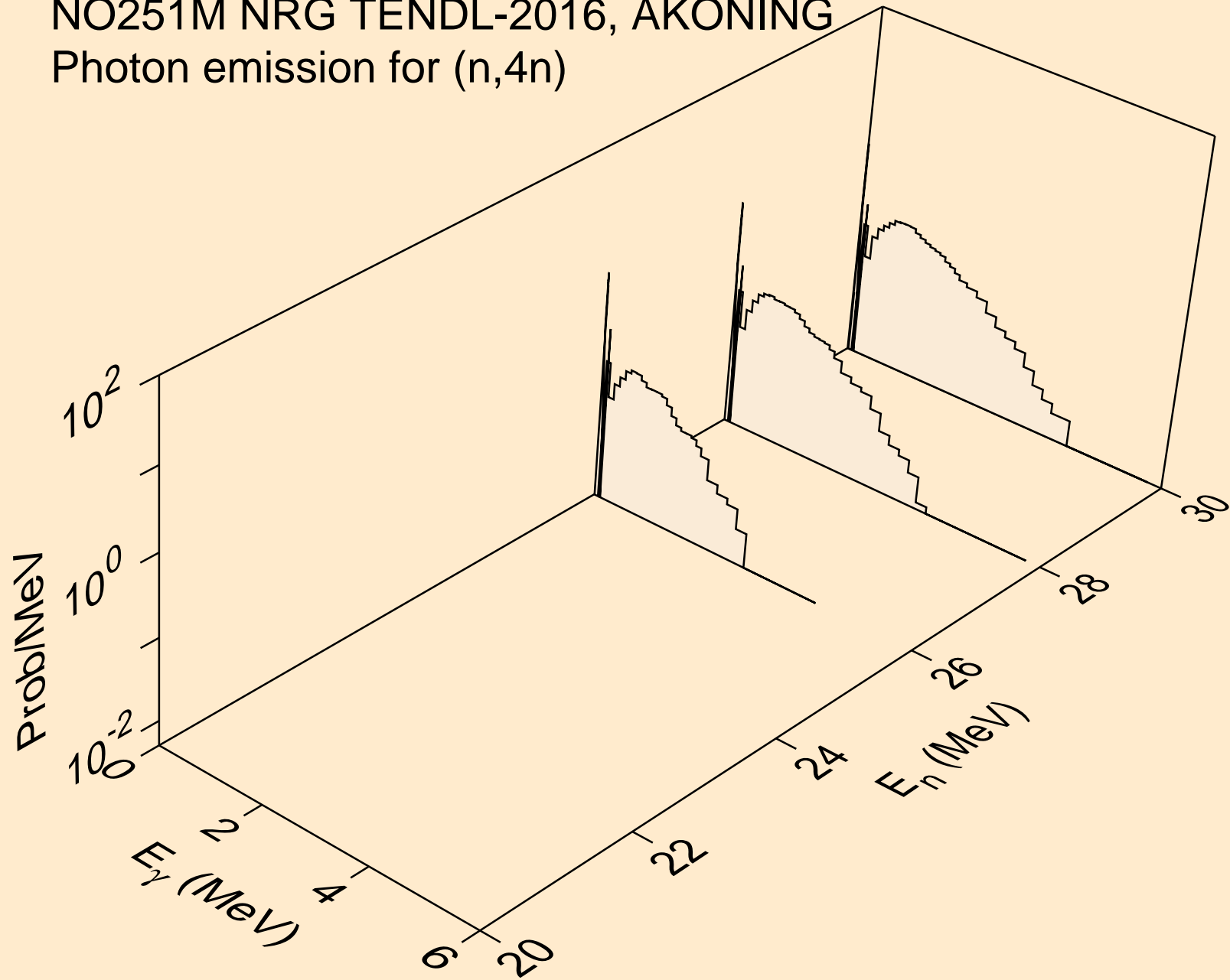


NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t2a

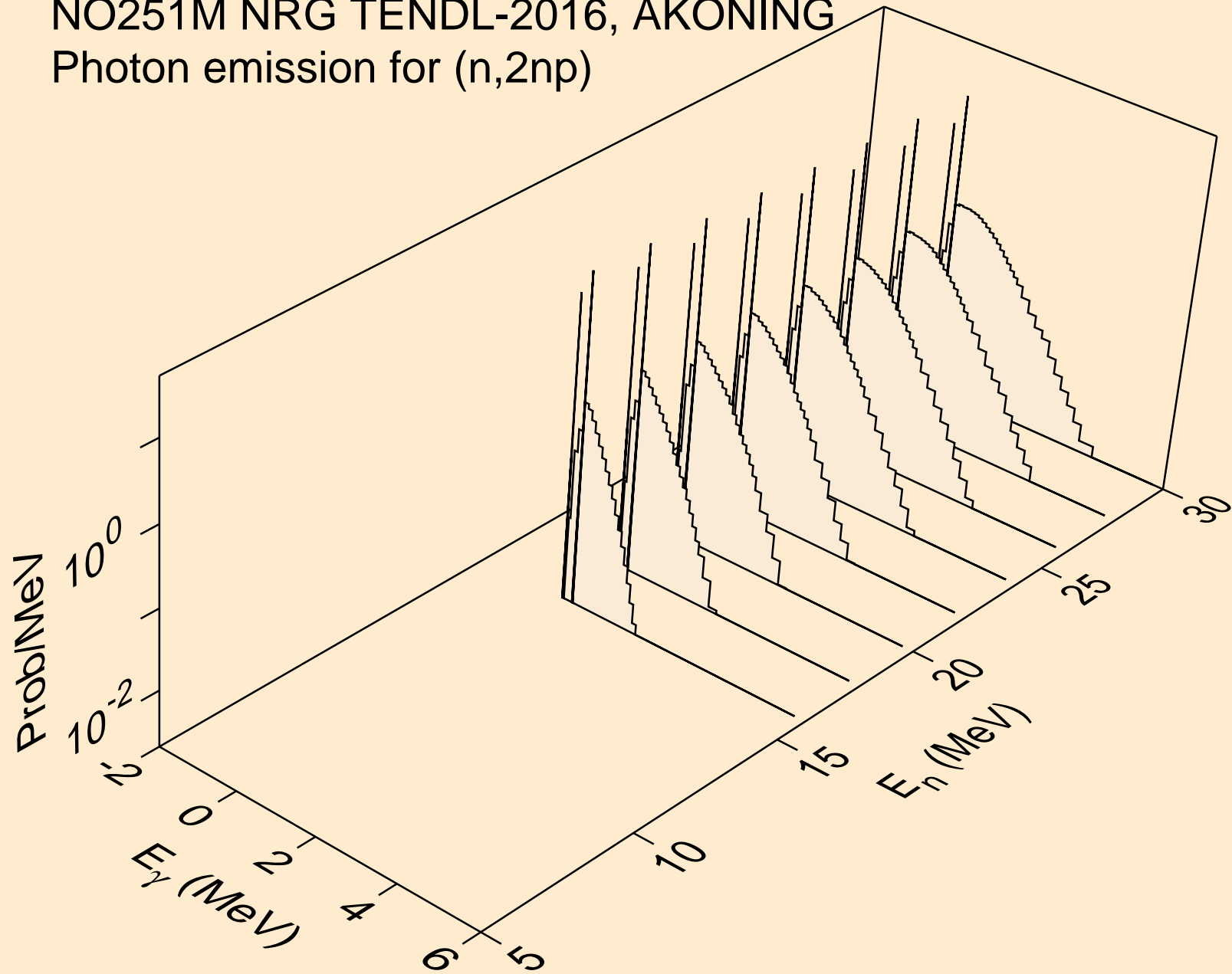




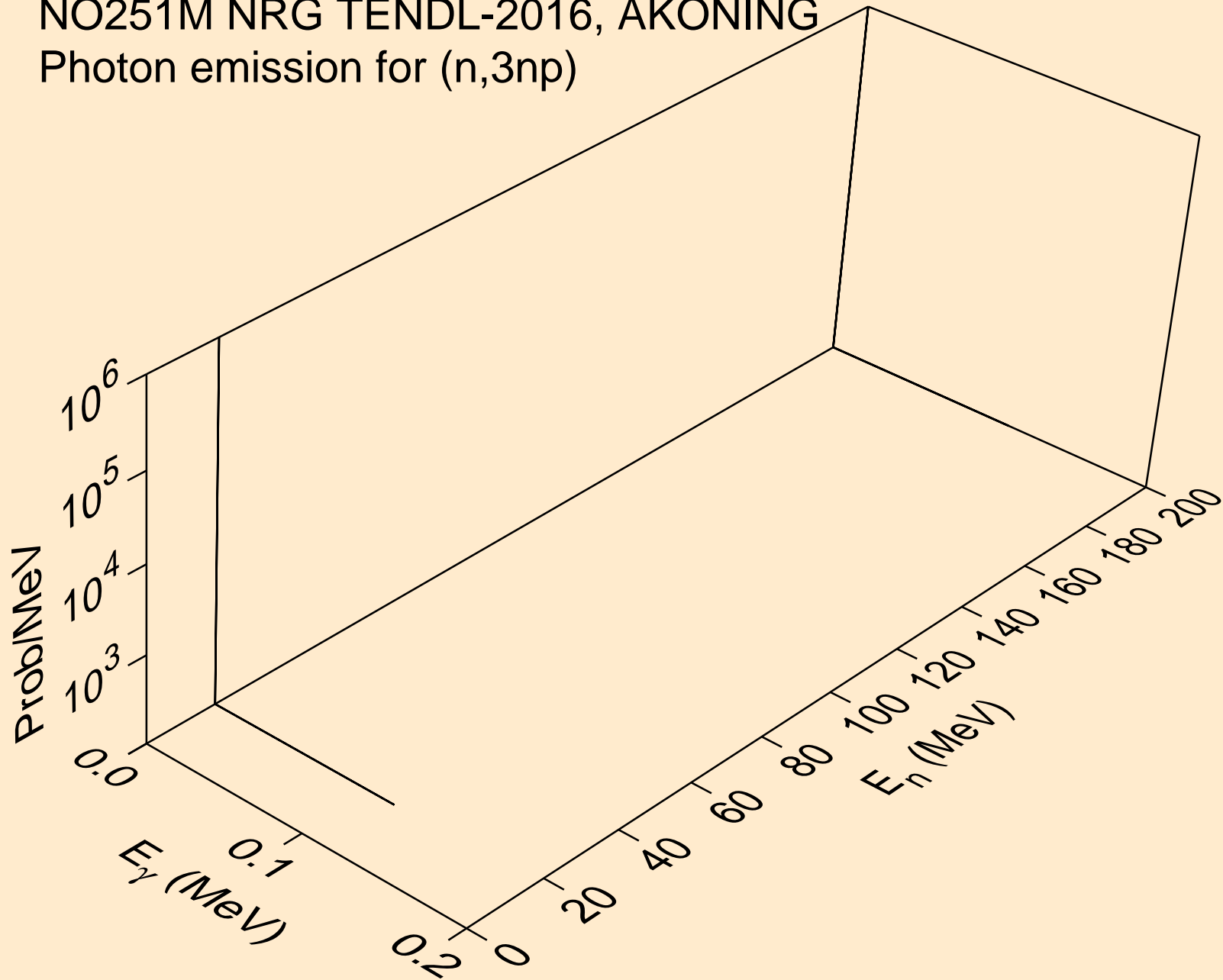
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Photon emission for (n,4n)



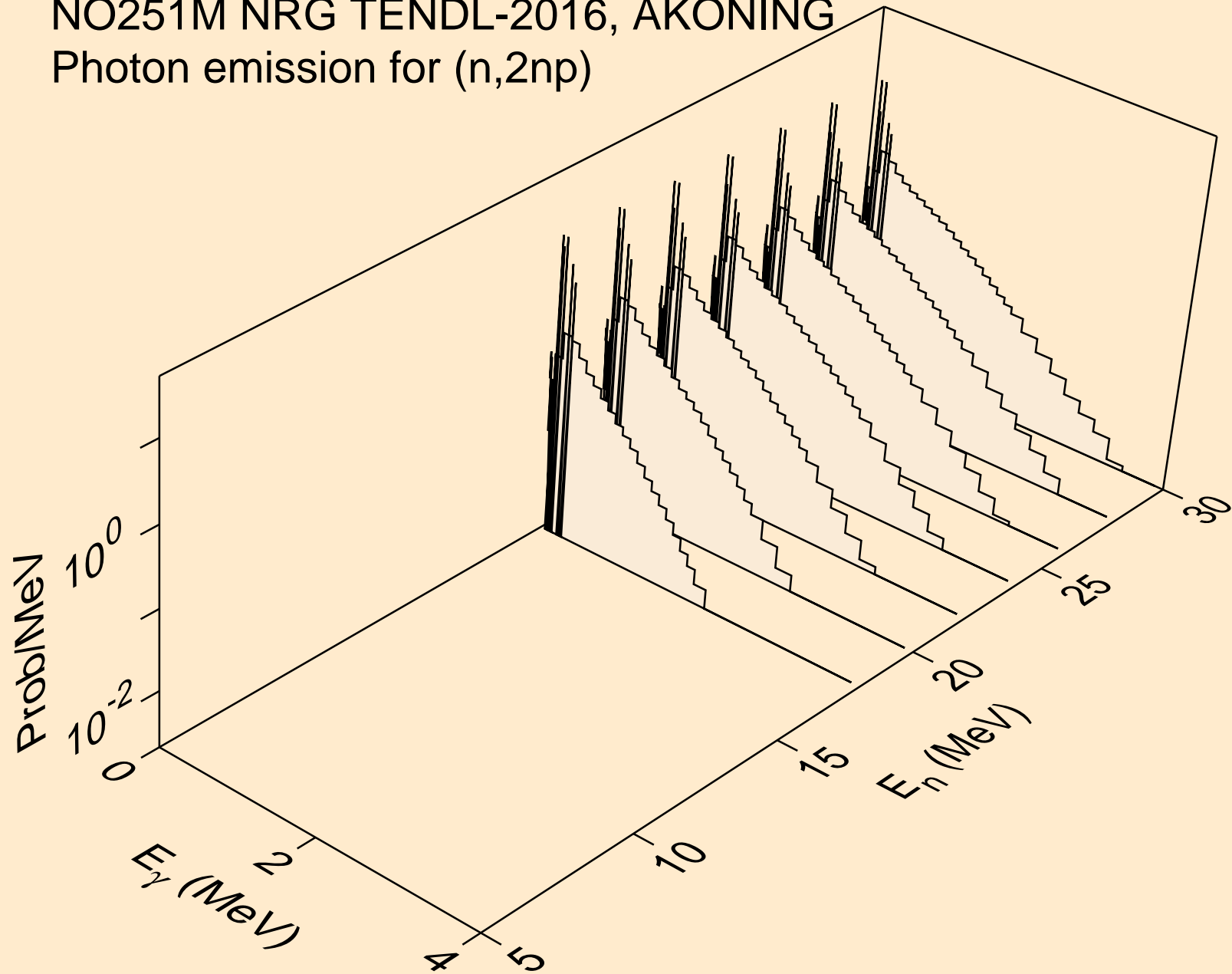
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,2np)



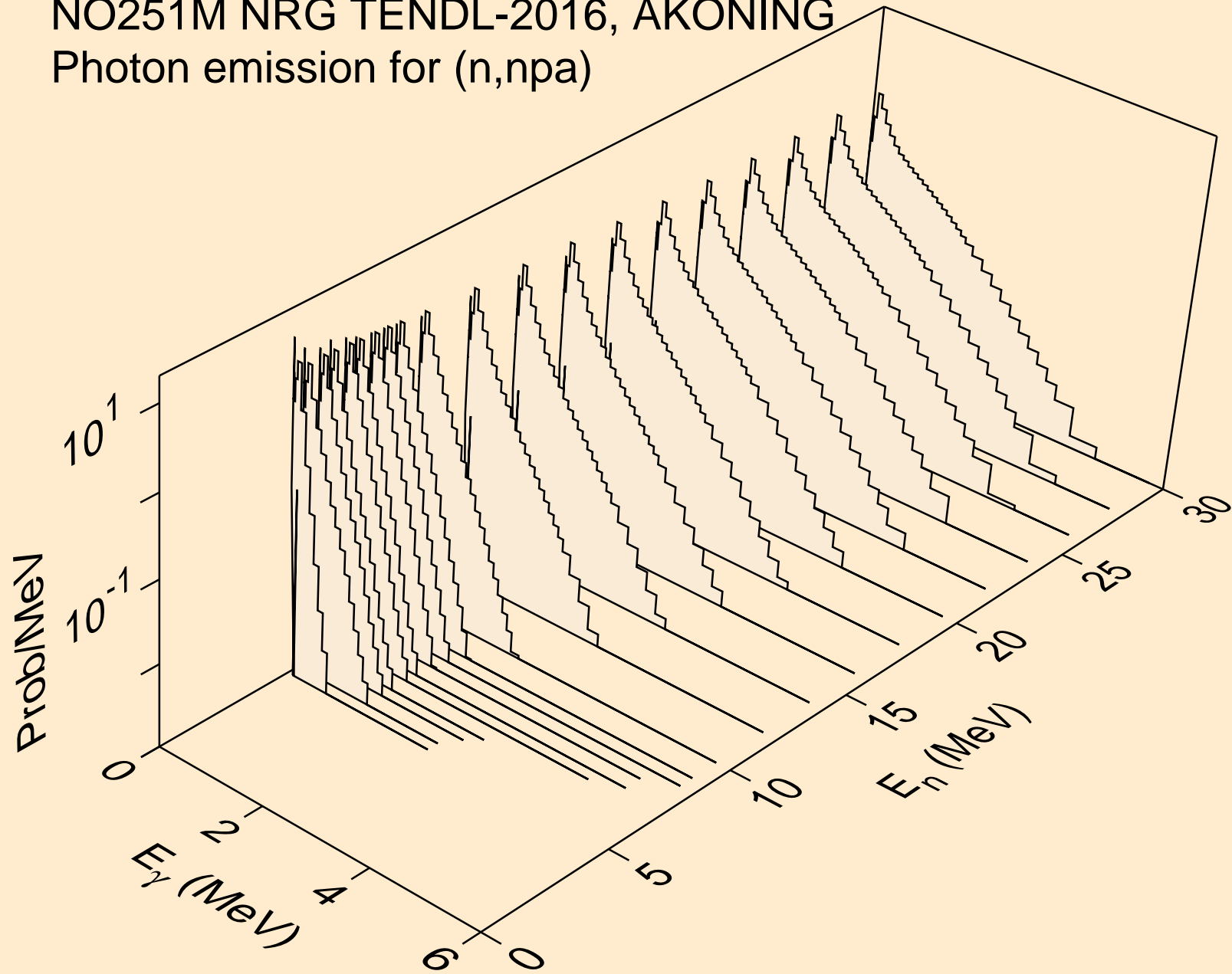
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Photon emission for (n,3np)



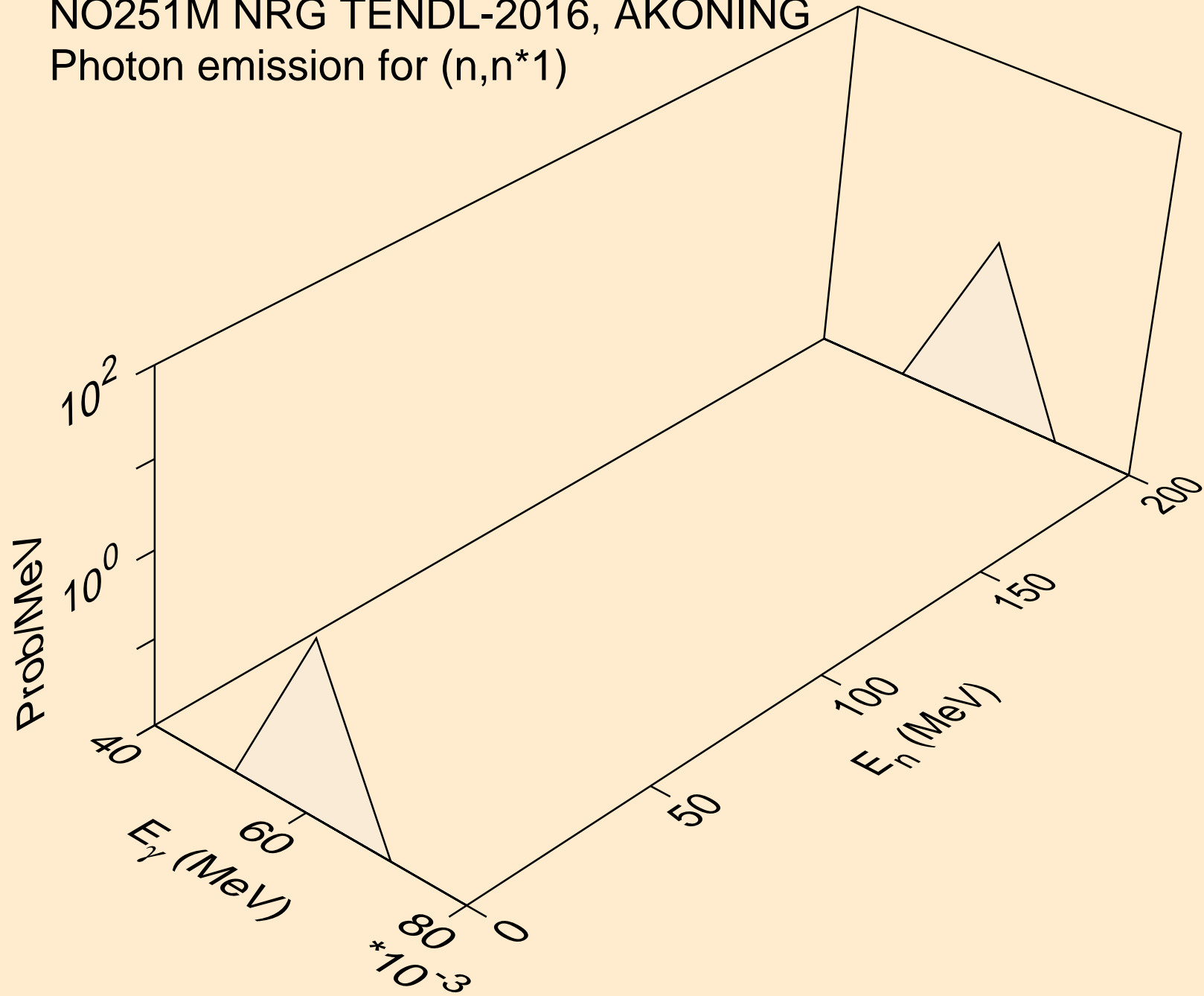
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Photon emission for (n,2np)



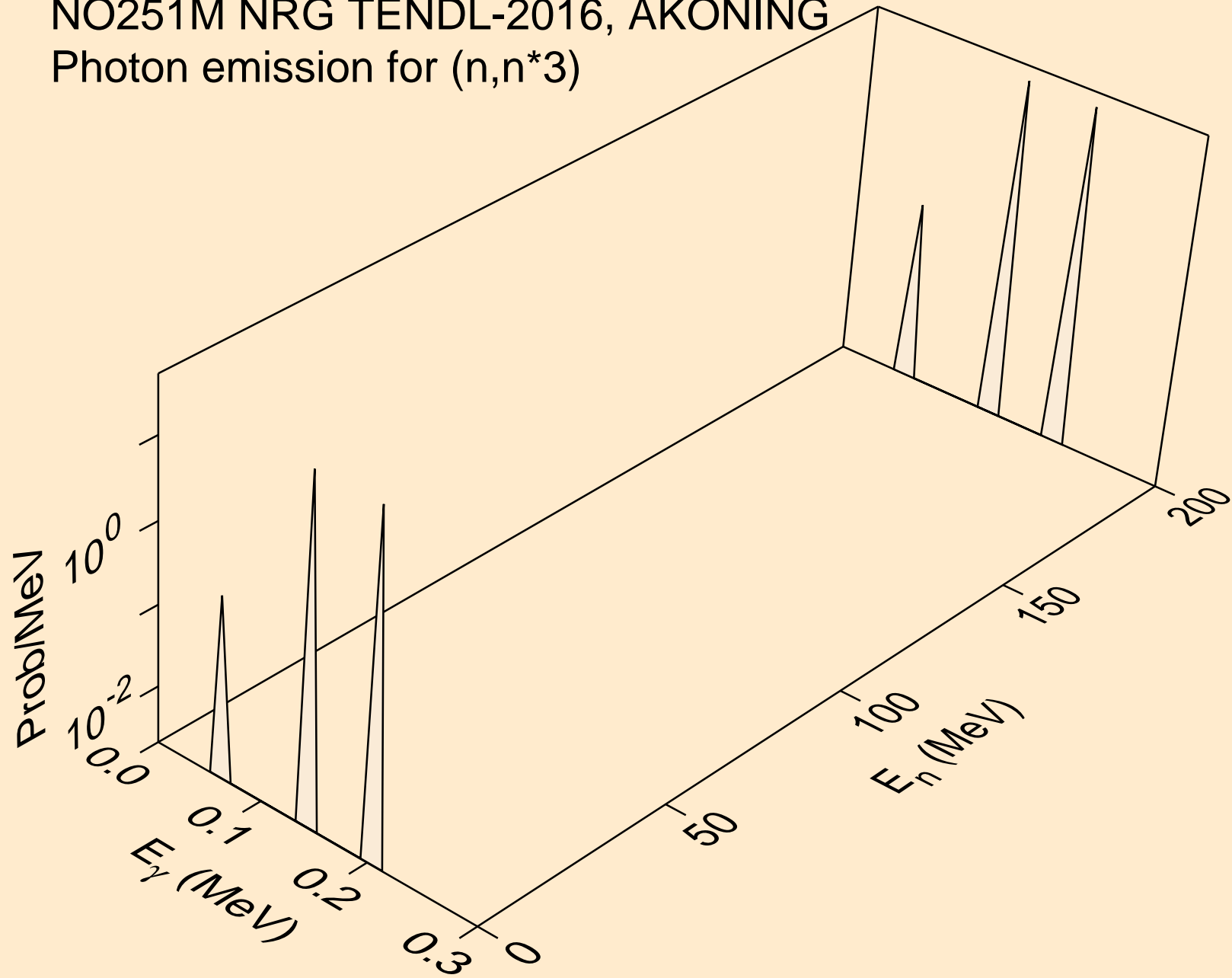
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Photon emission for (n,npa)



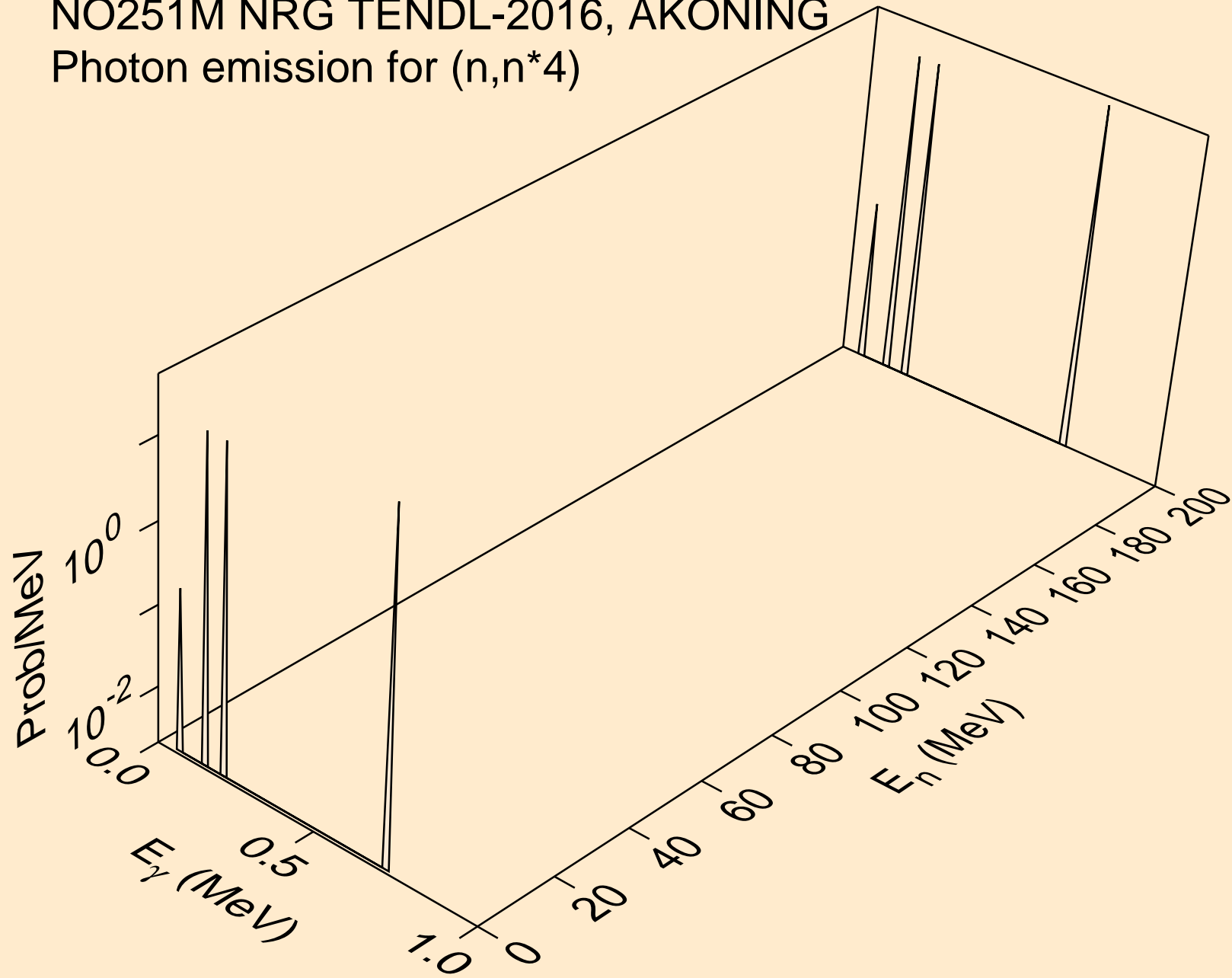
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Photon emission for (n,n\*1)



NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*3)

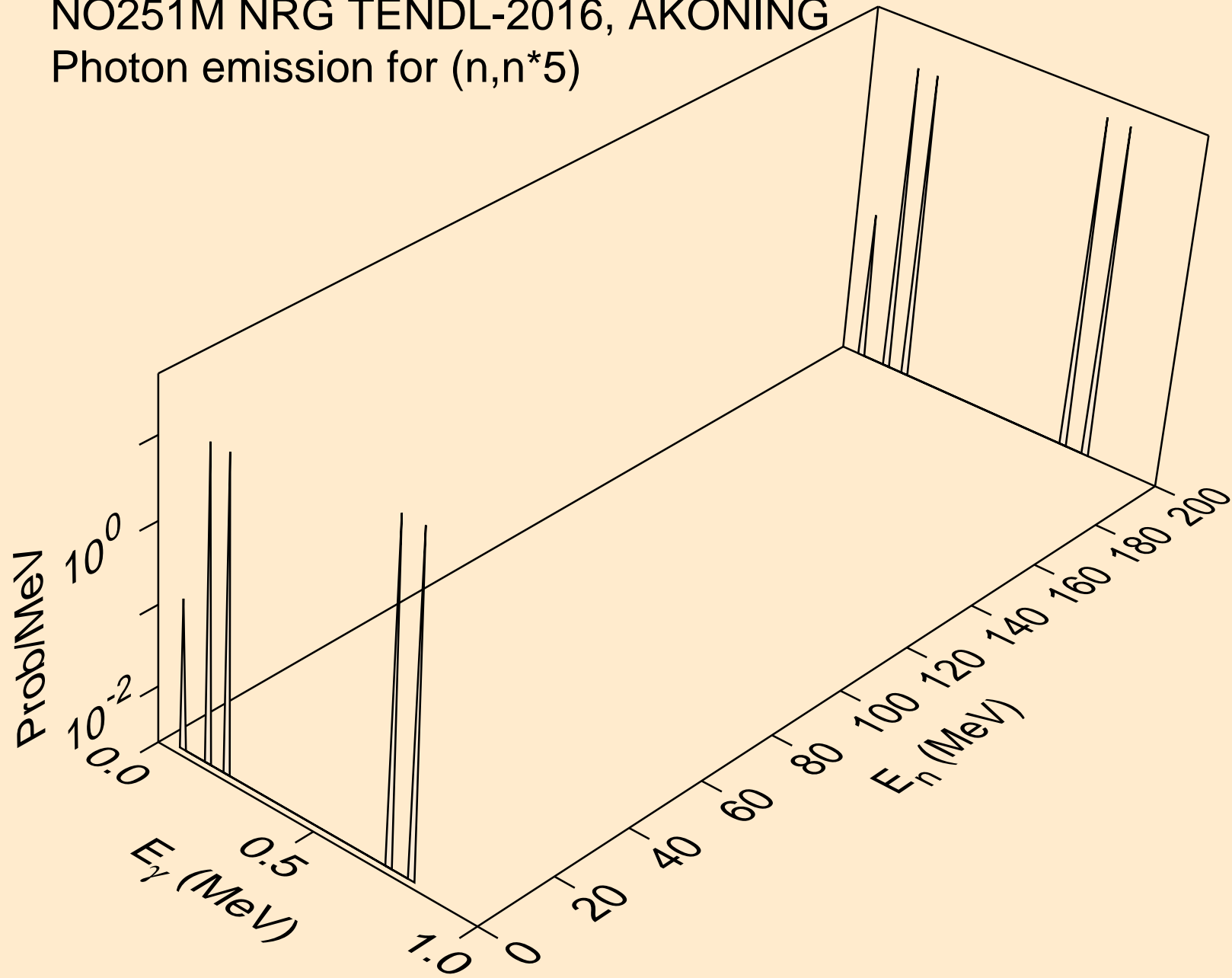


NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*4)

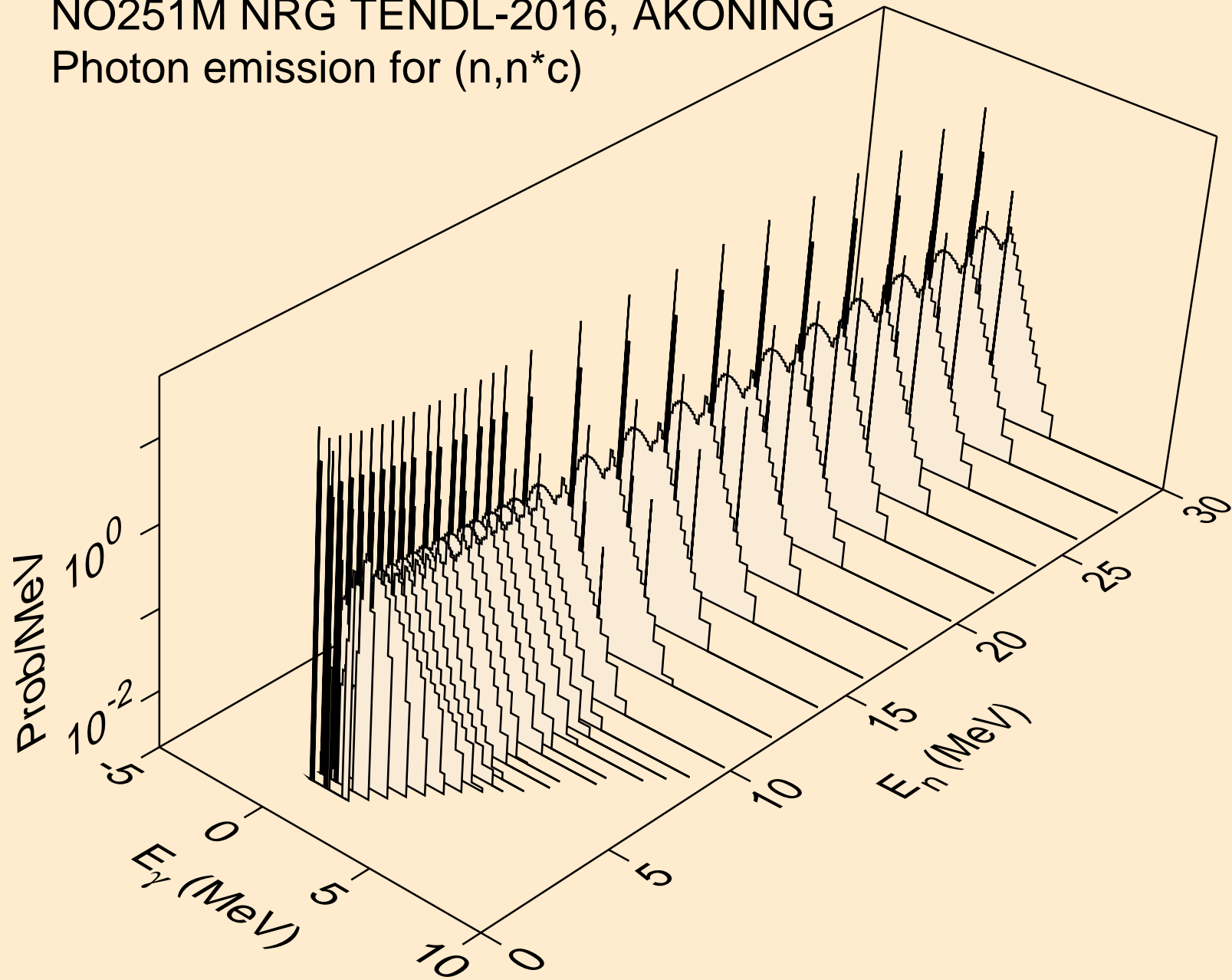




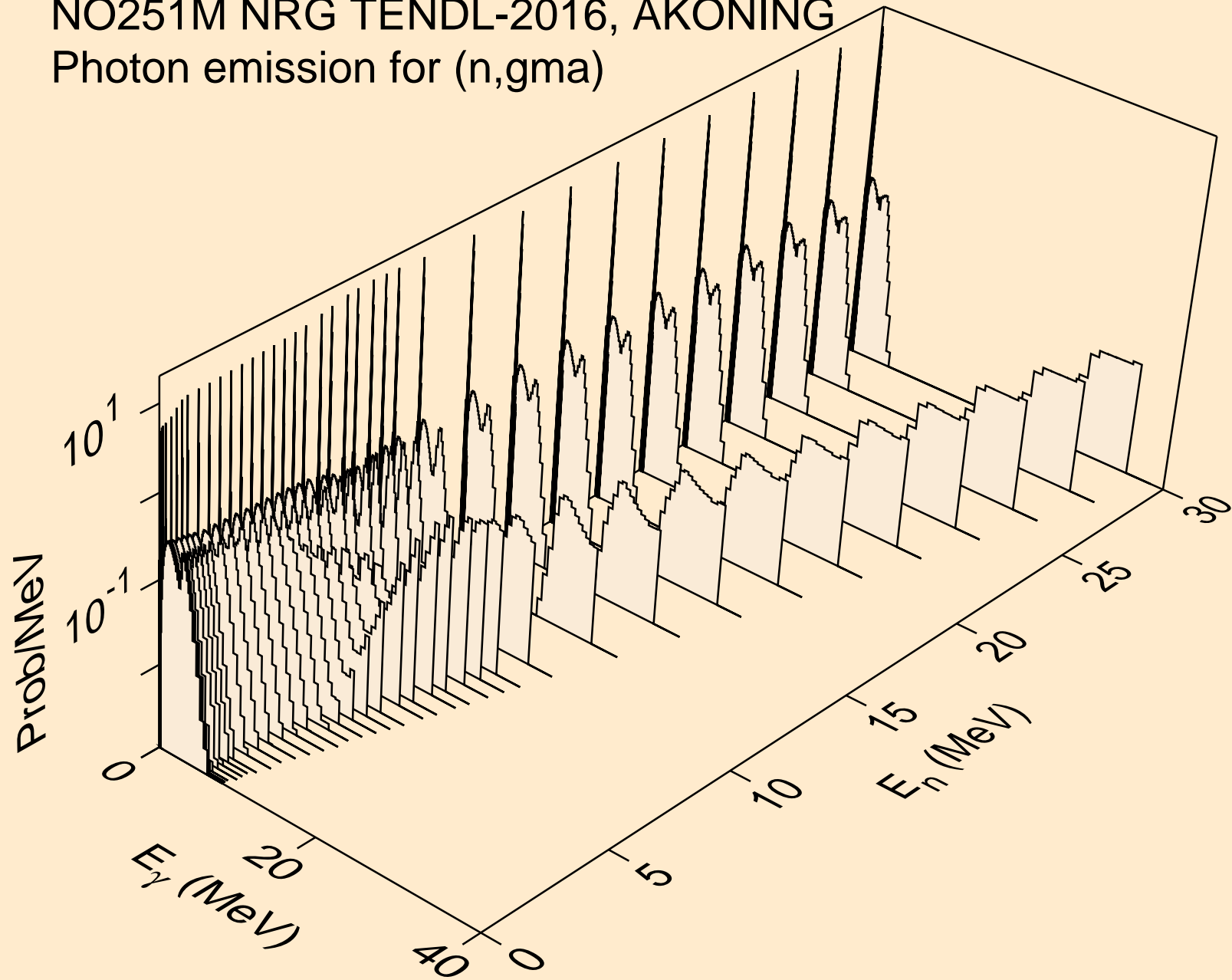
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Photon emission for (n,n\*5)



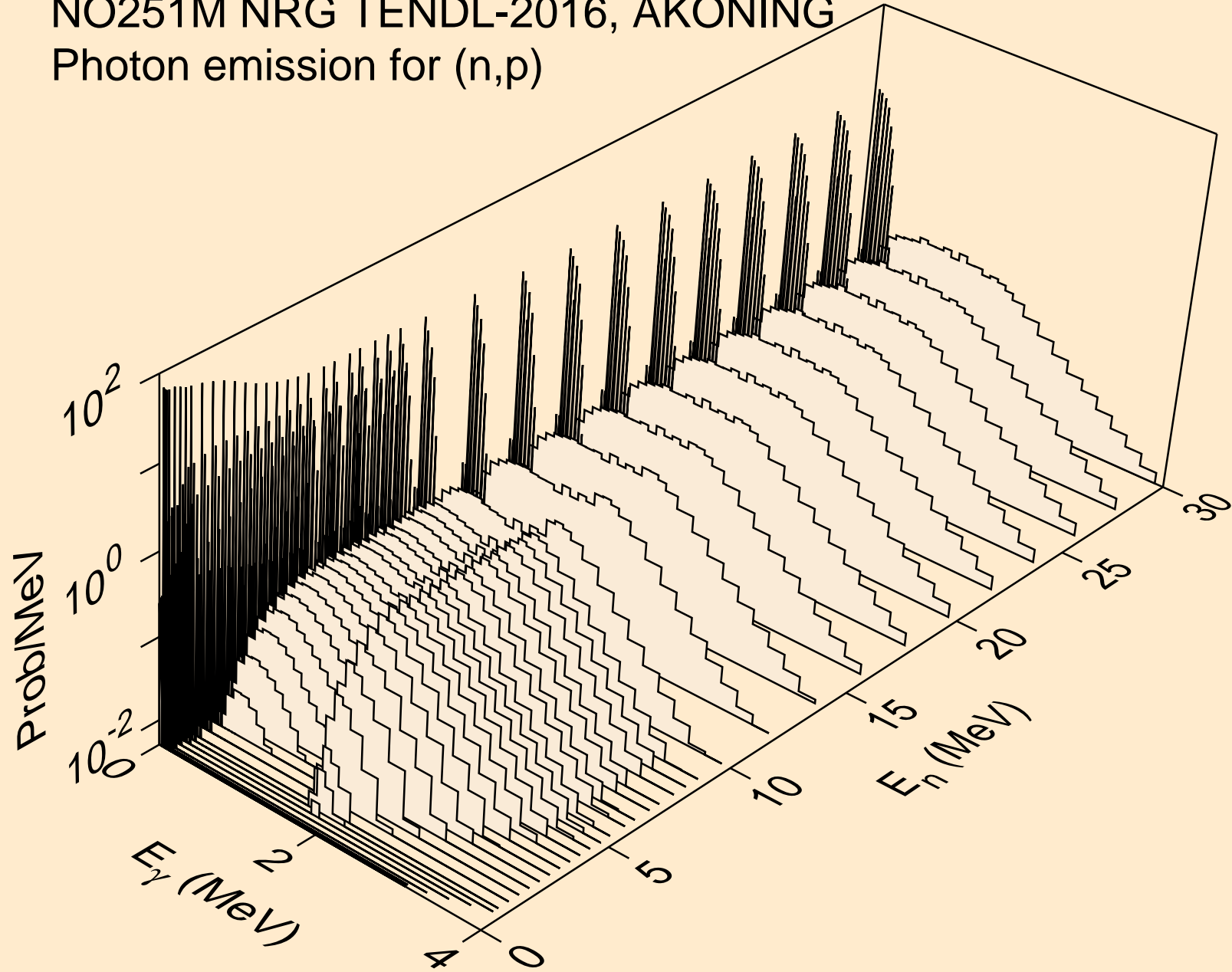
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Photon emission for (n,n\*c)



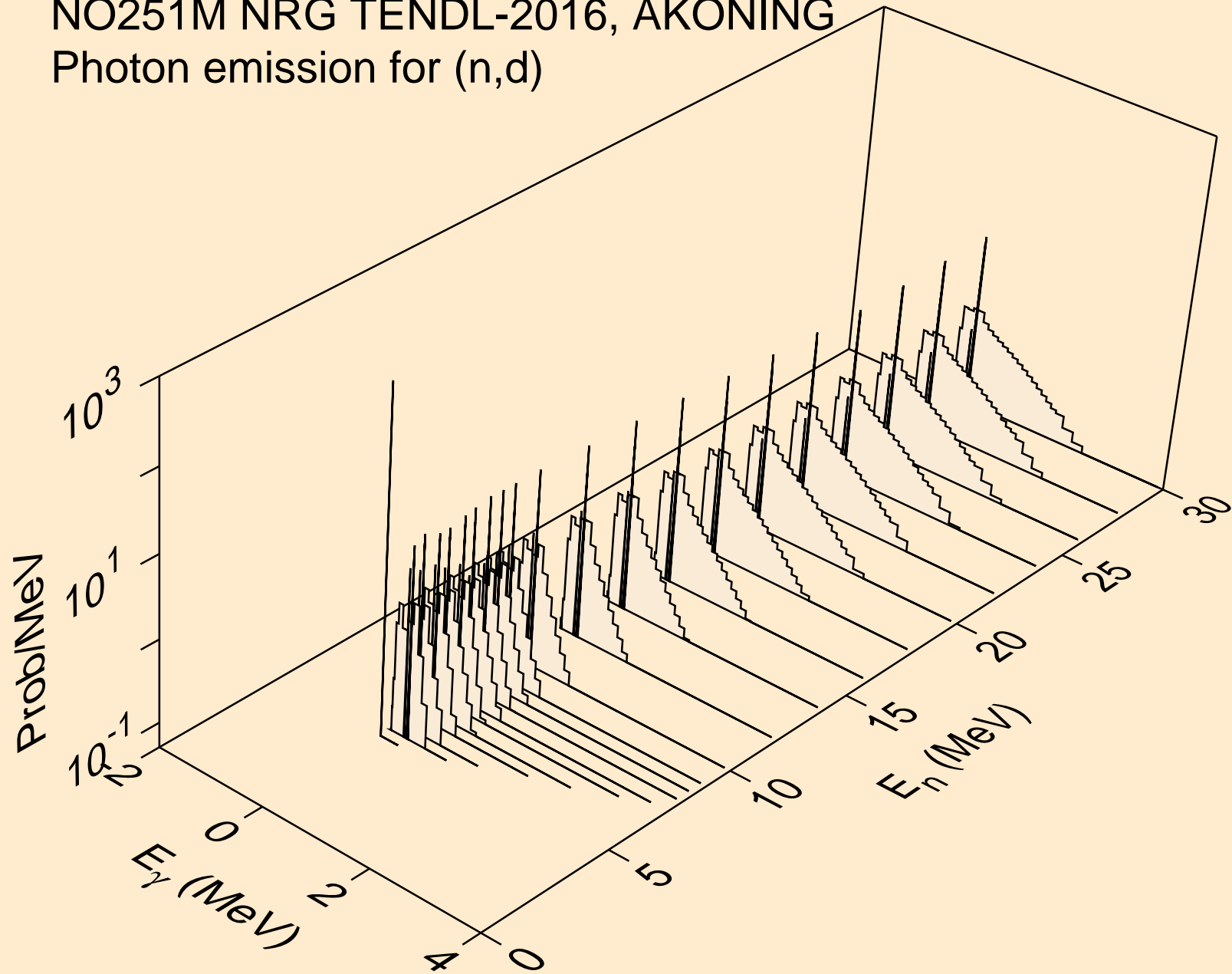
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Photon emission for (n,gma)



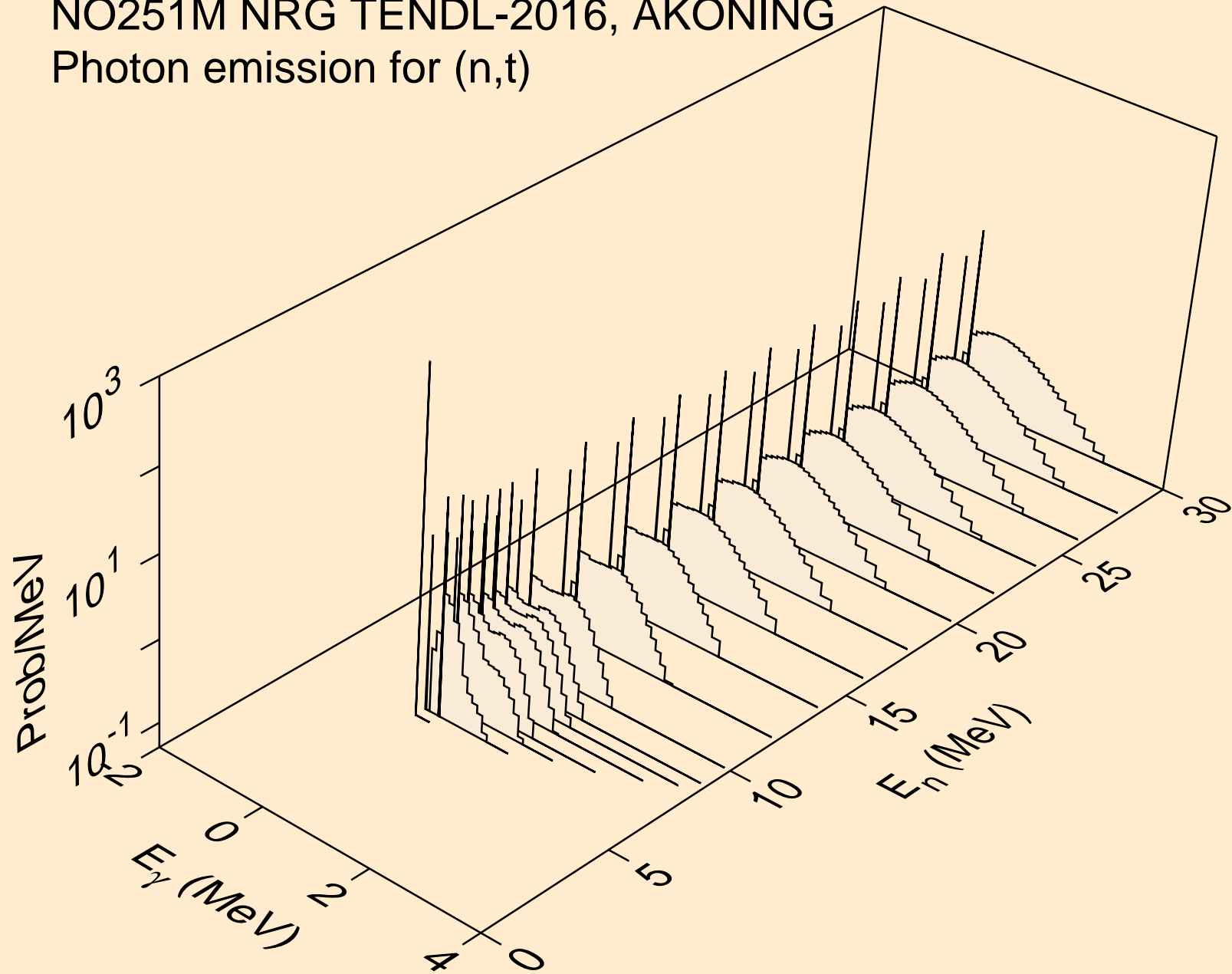
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Photon emission for (n,p)



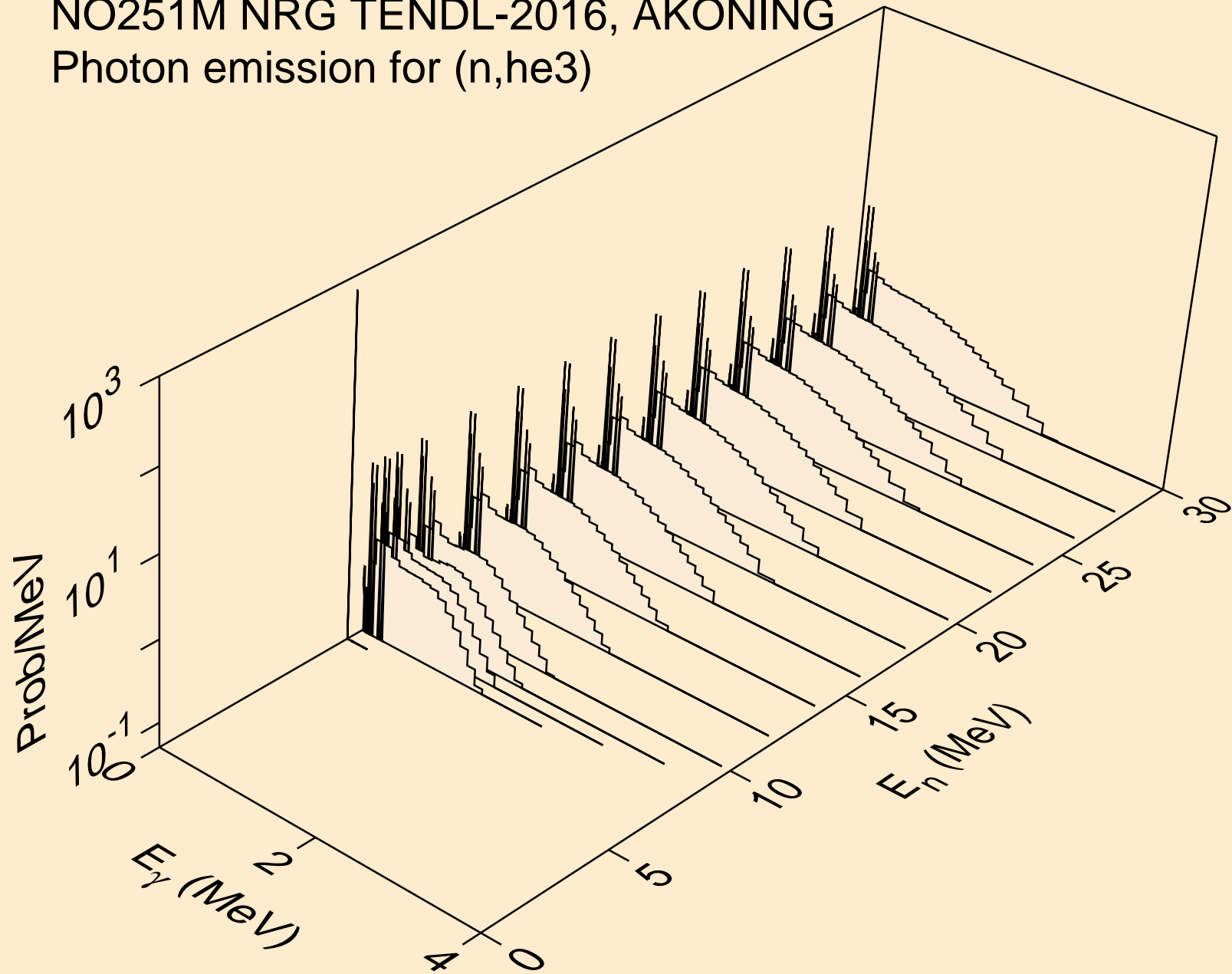
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Photon emission for (n,d)



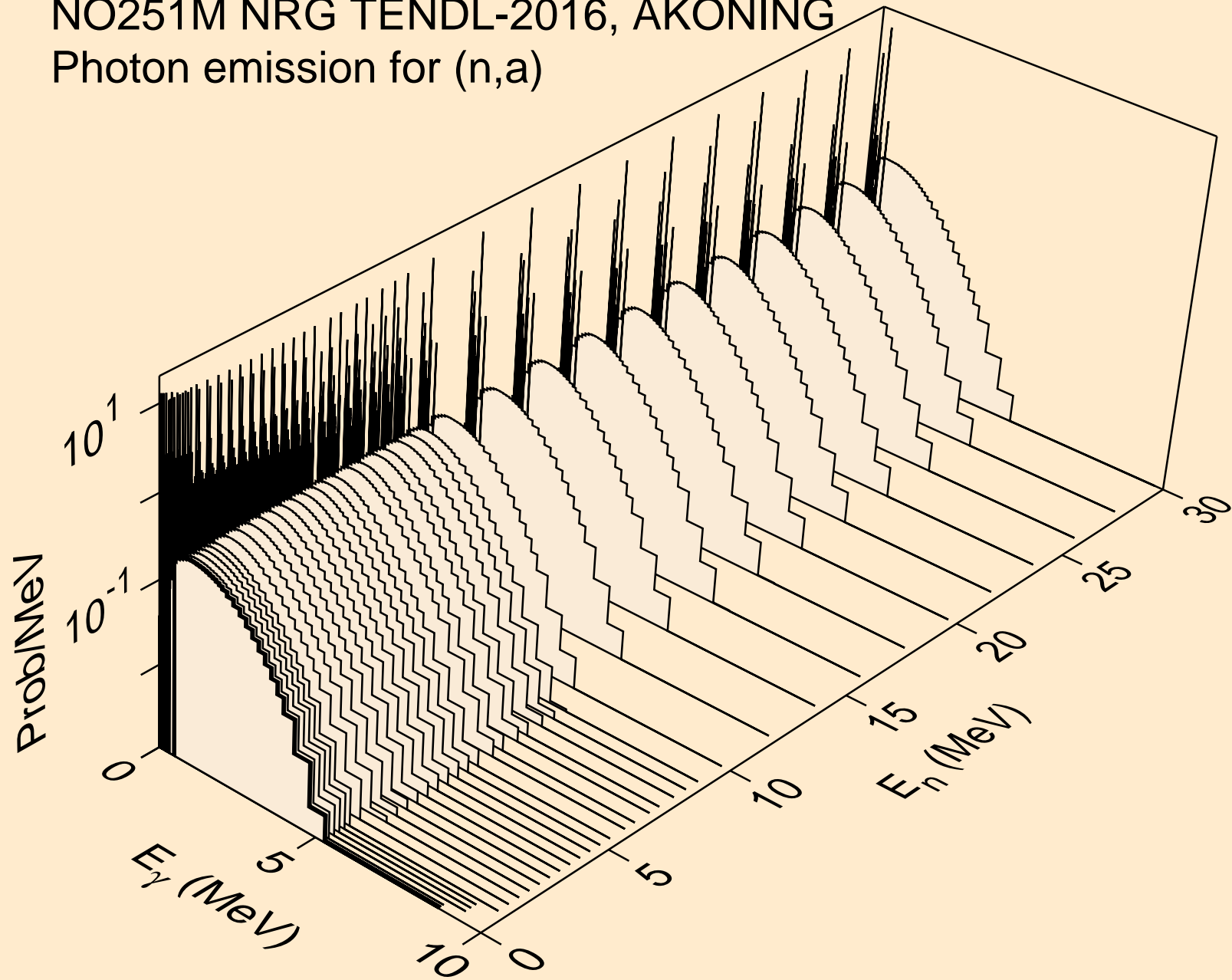
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Photon emission for (n,t)



NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,he3)

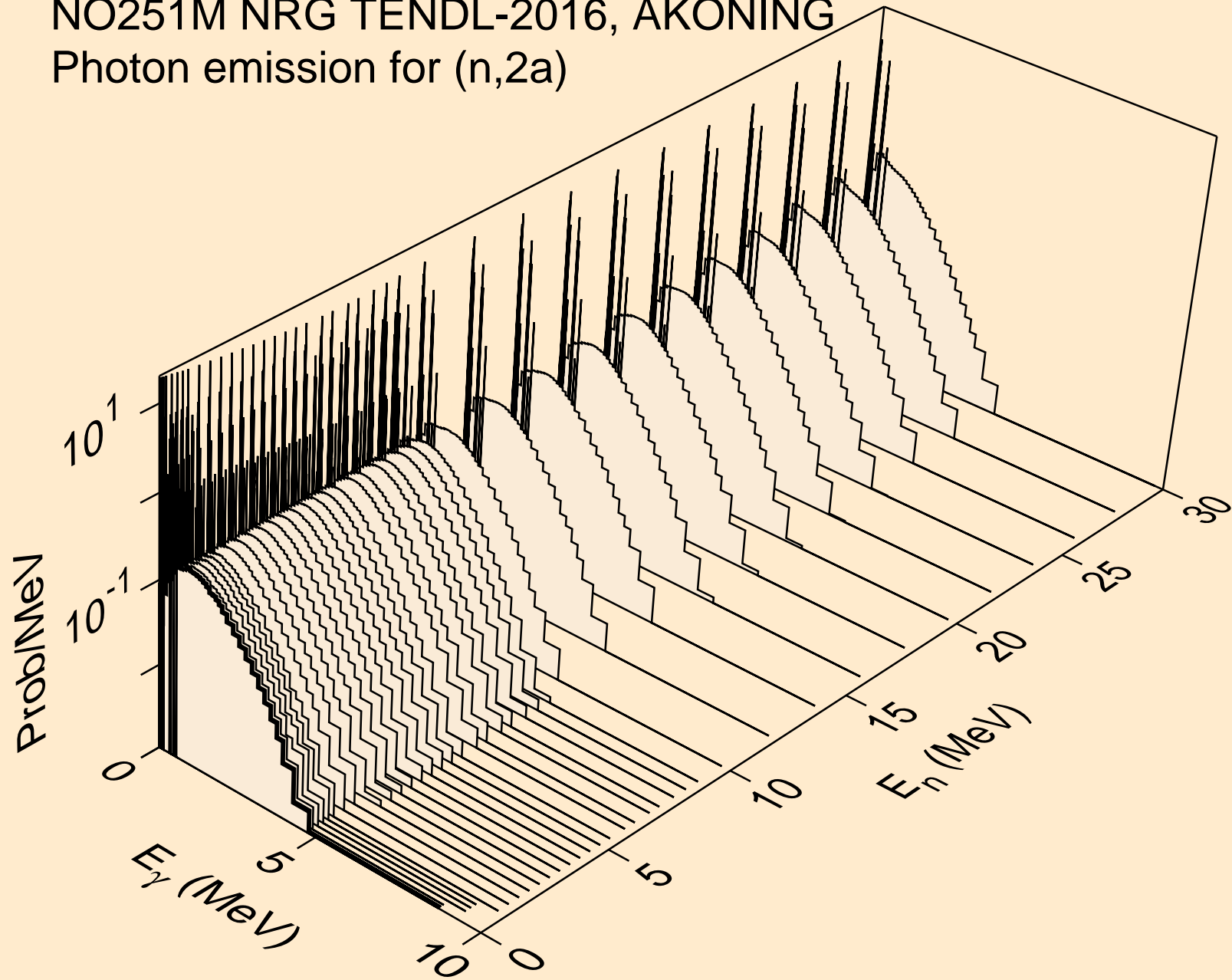


NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,a)

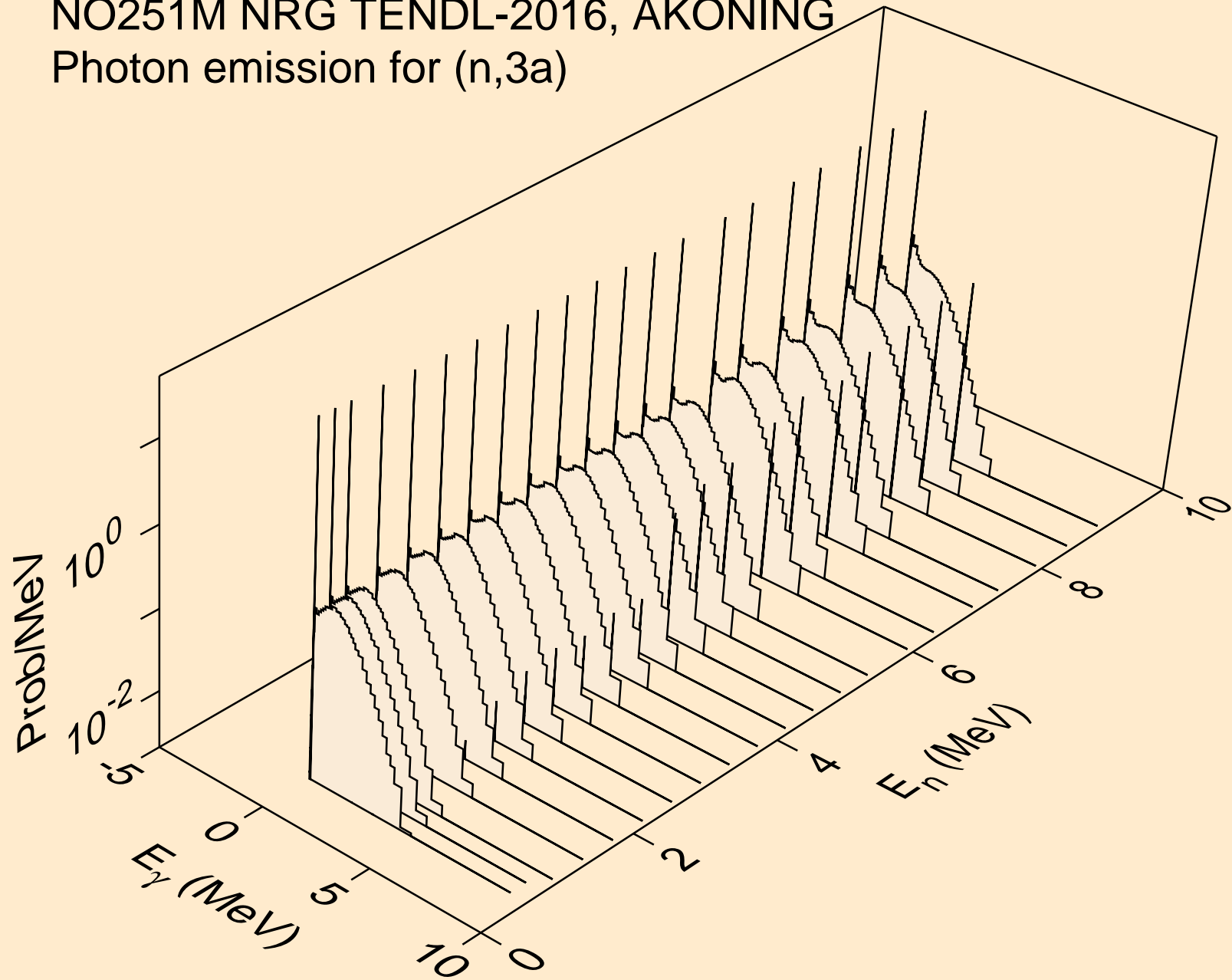




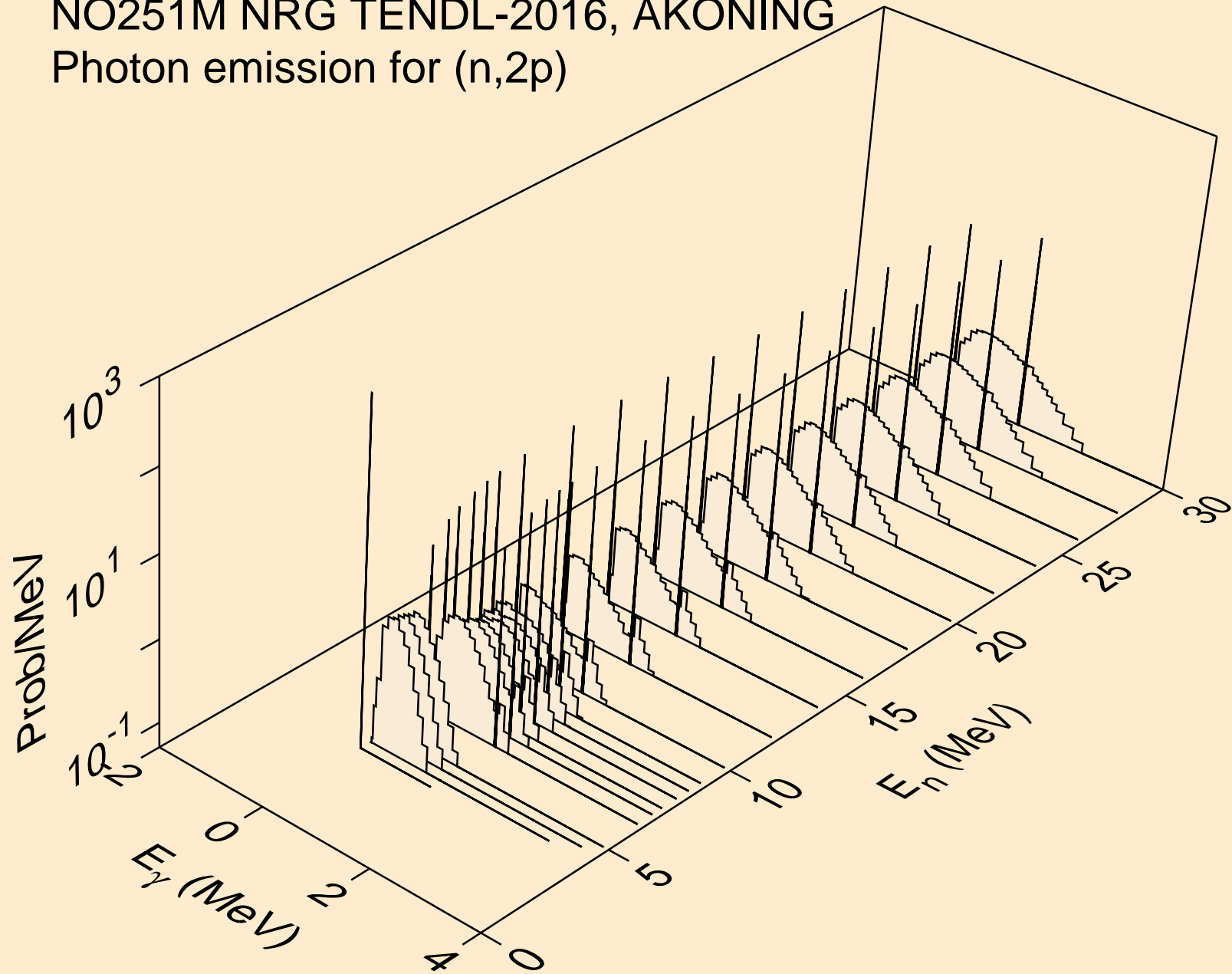
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Photon emission for (n,2a)



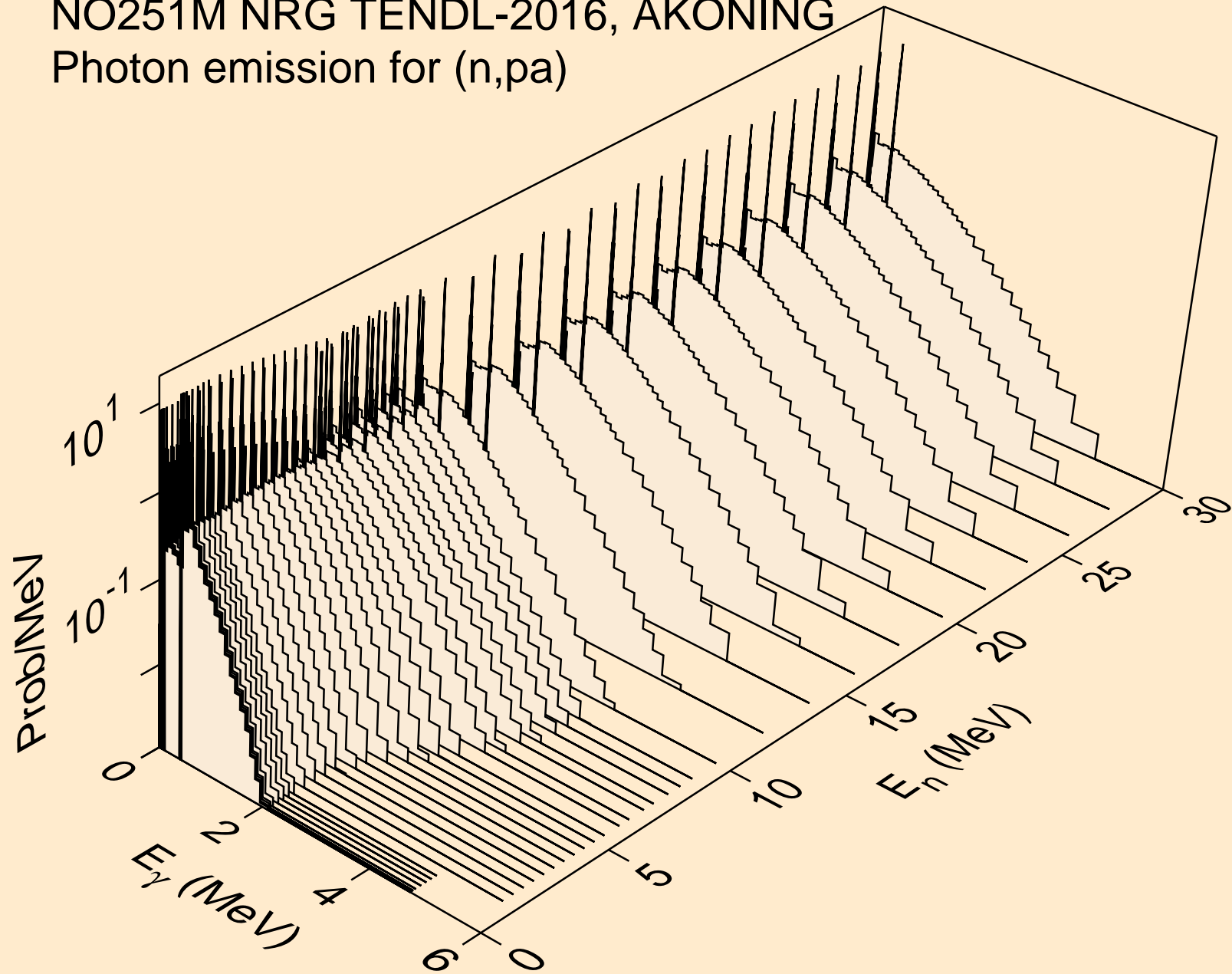
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Photon emission for (n,3a)



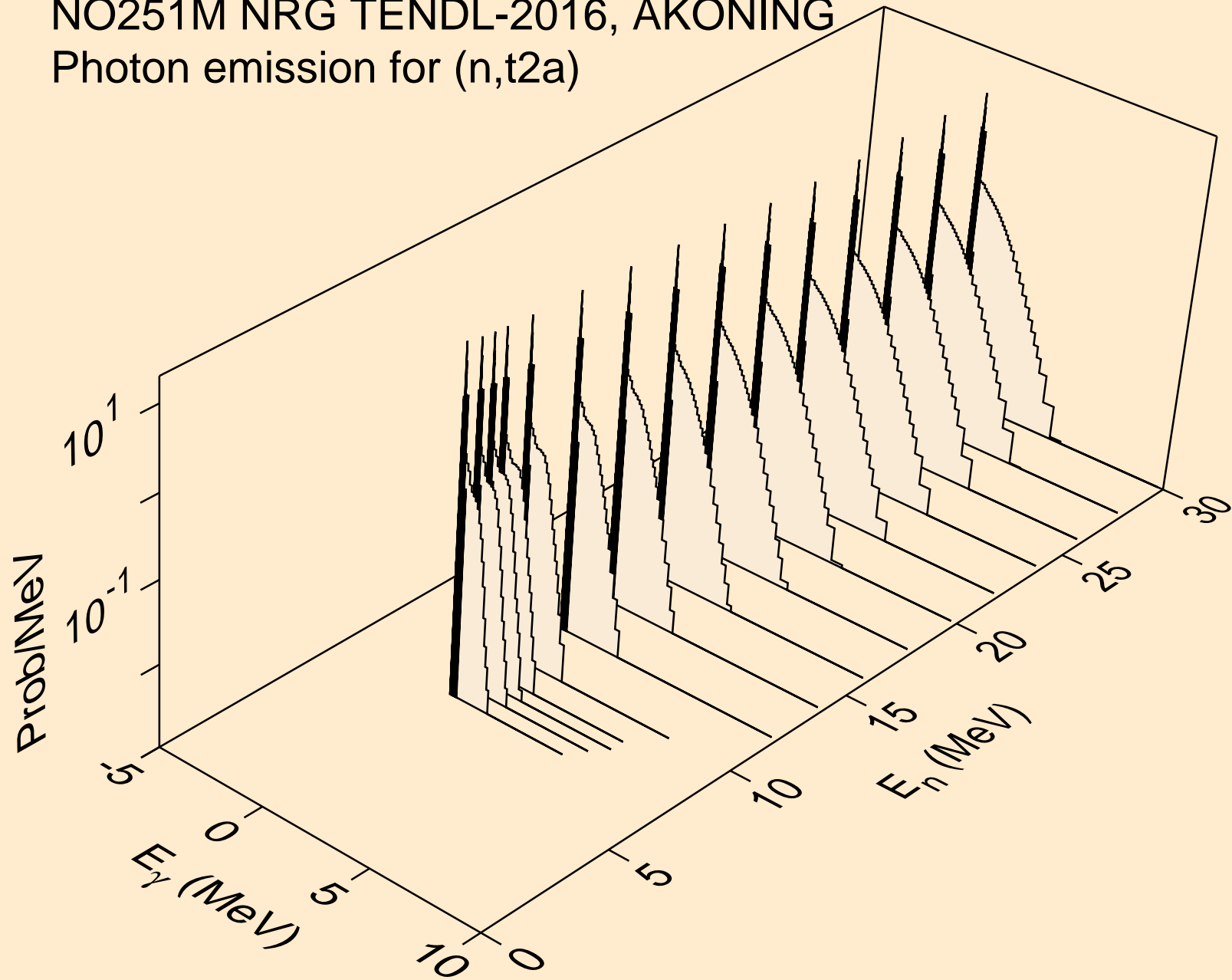
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Photon emission for (n,2p)



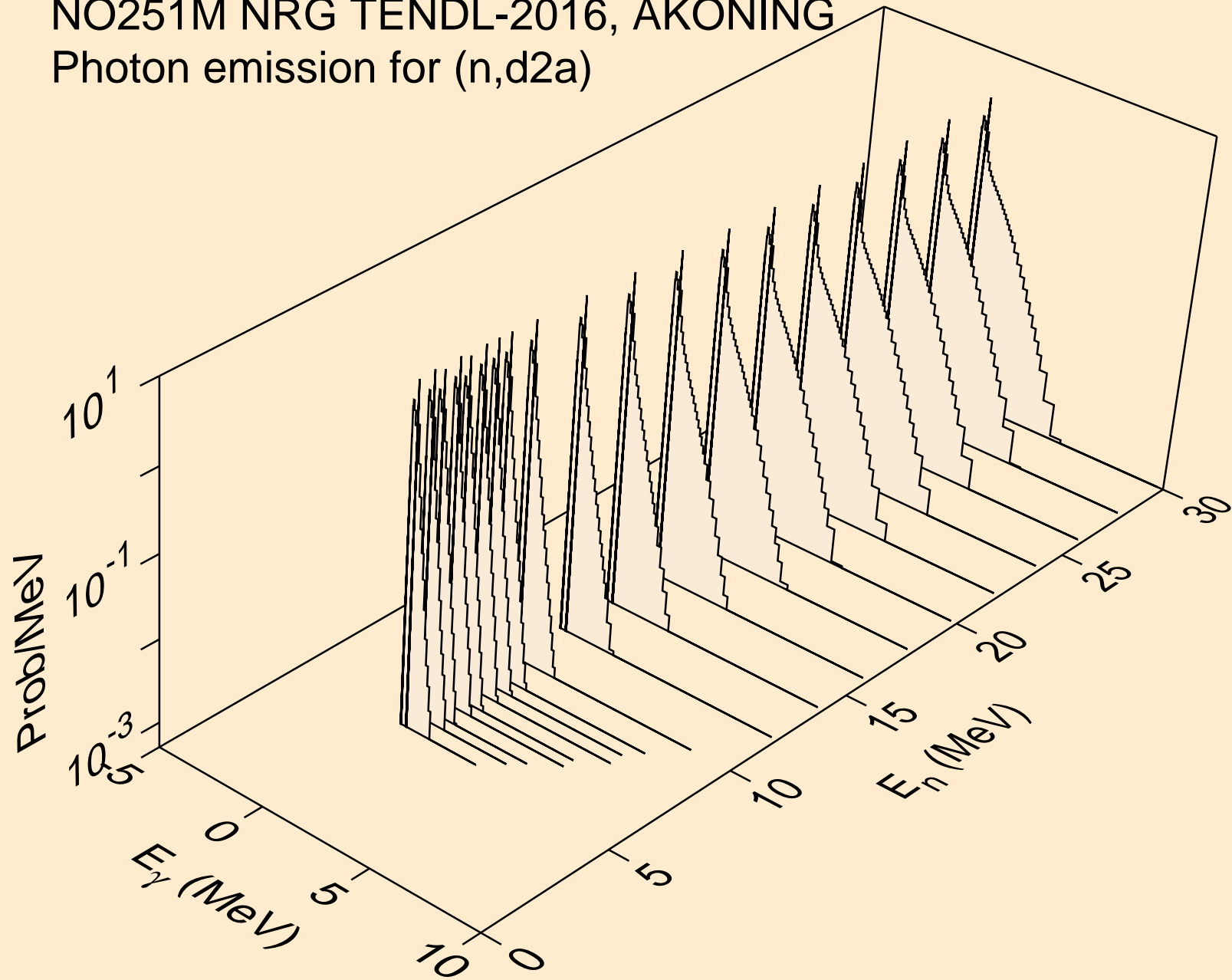
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Photon emission for (n,p)



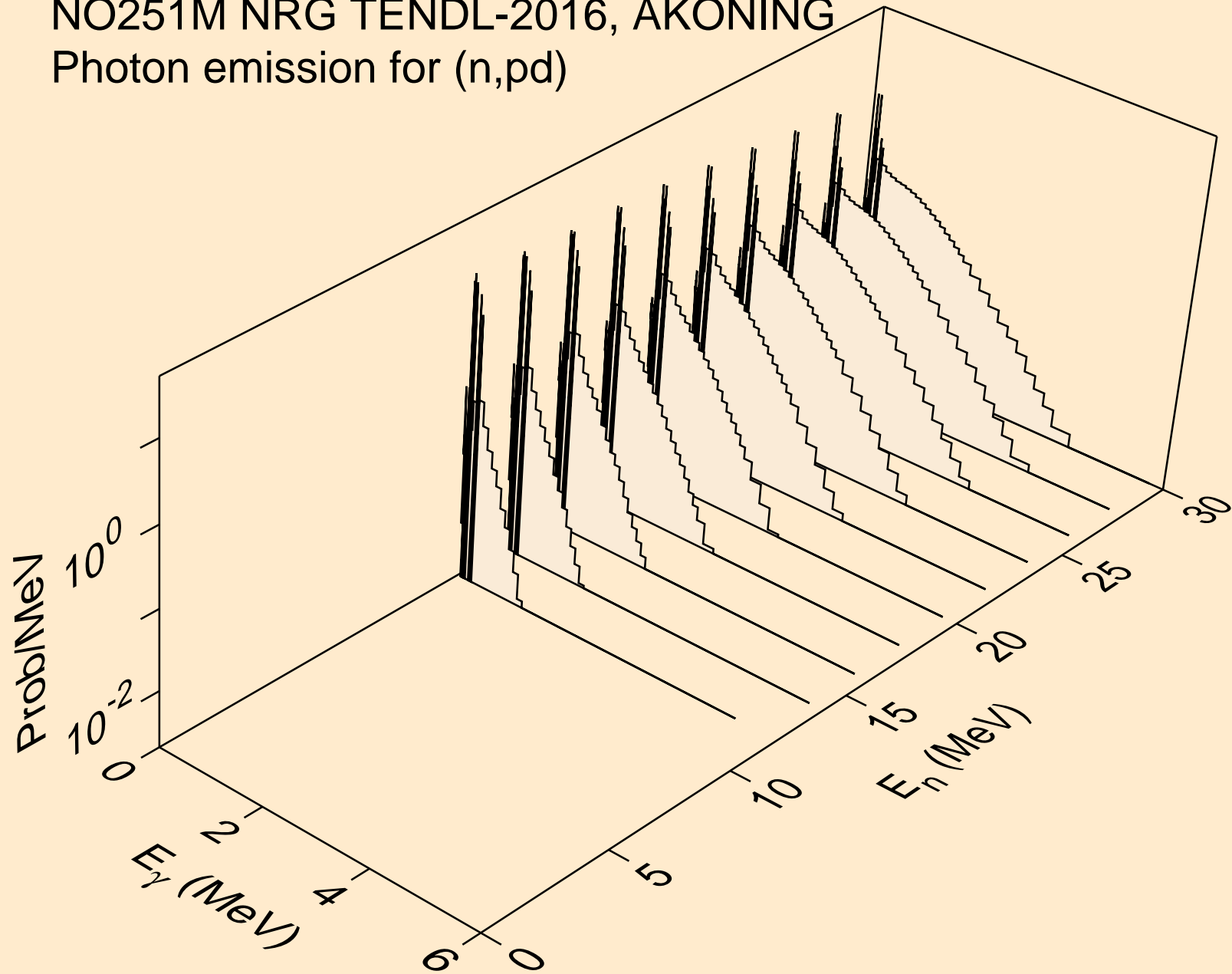
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Photon emission for (n,t2a)



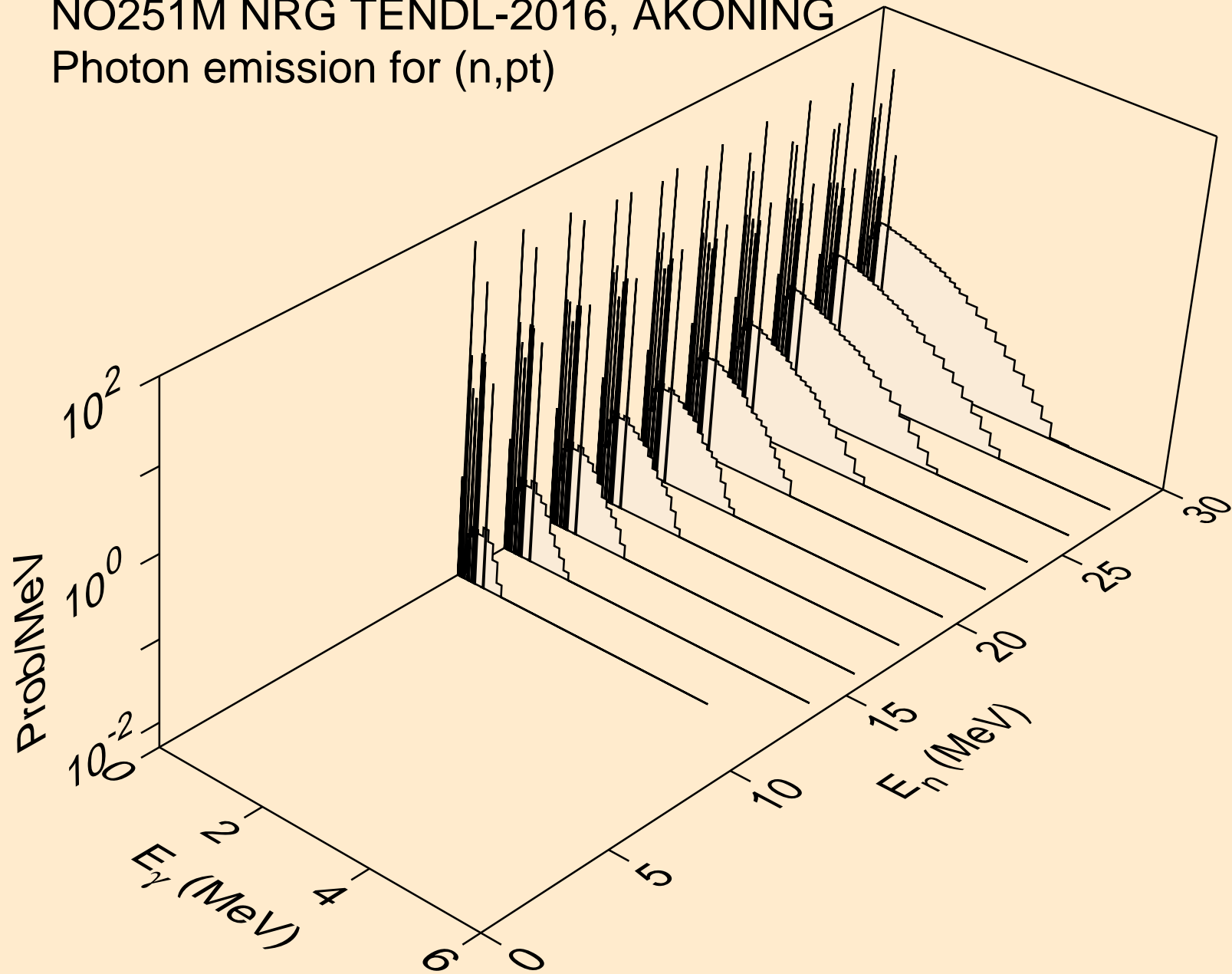
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,d2a)



NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,pd)

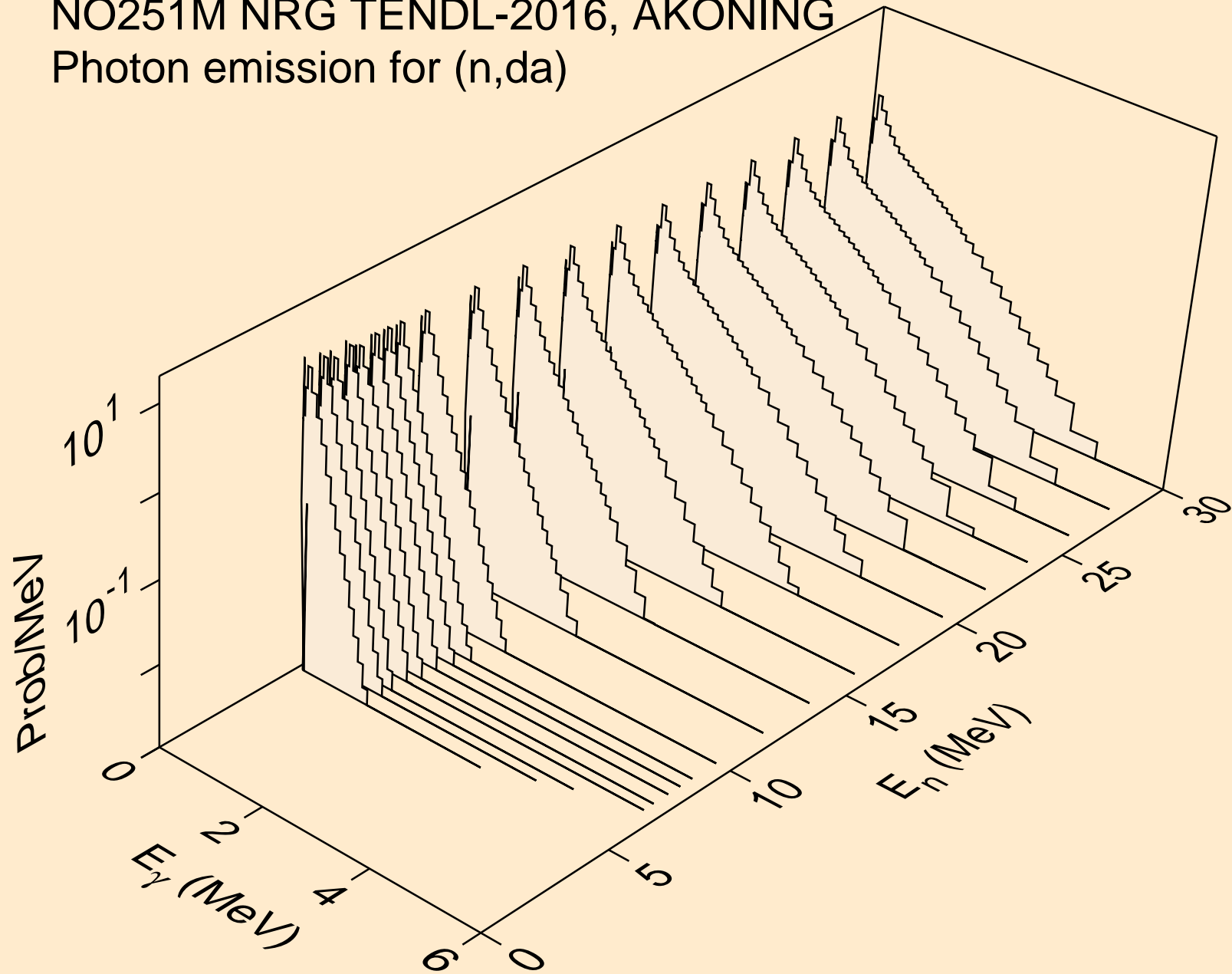


NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,pt)

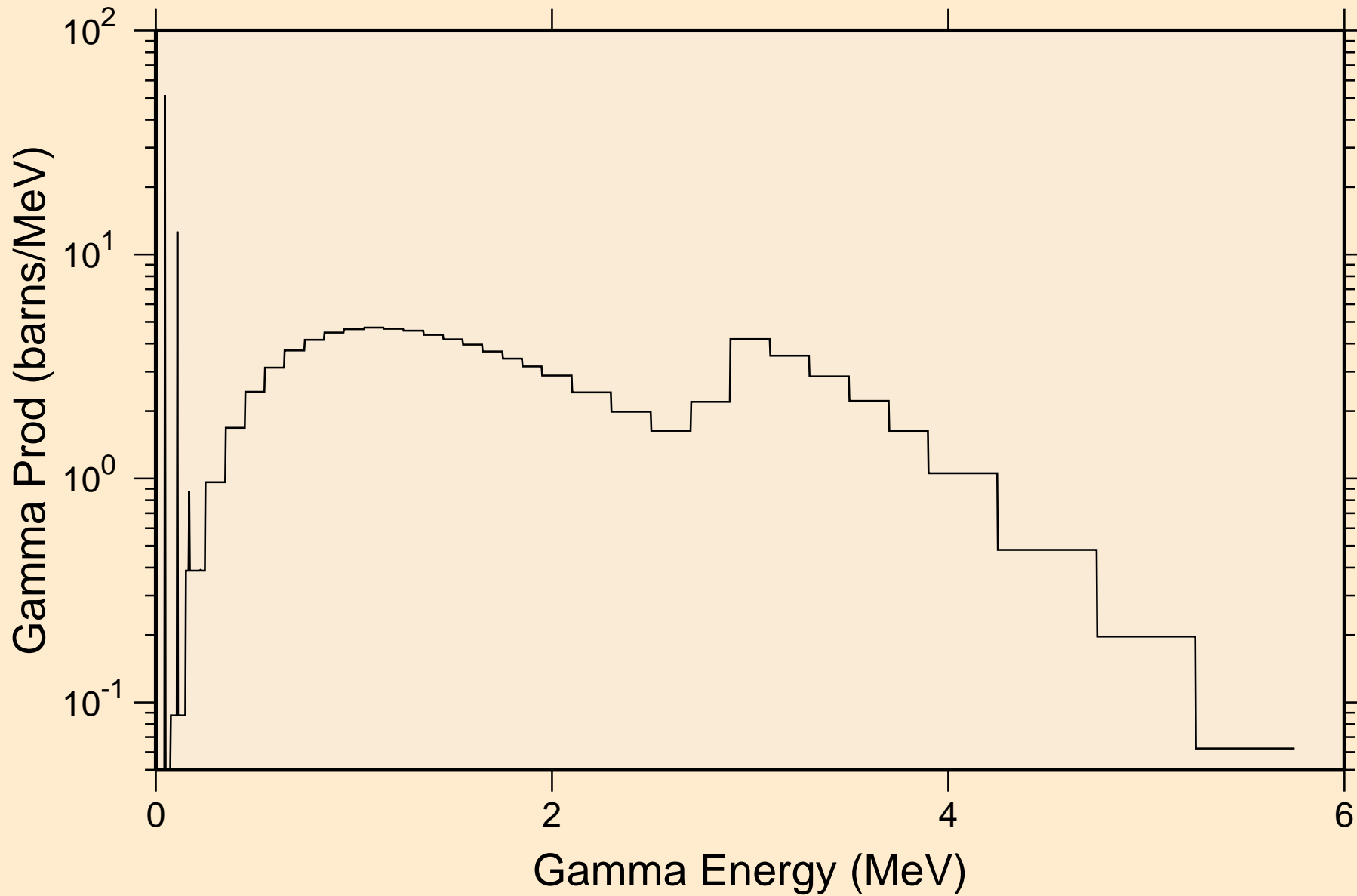




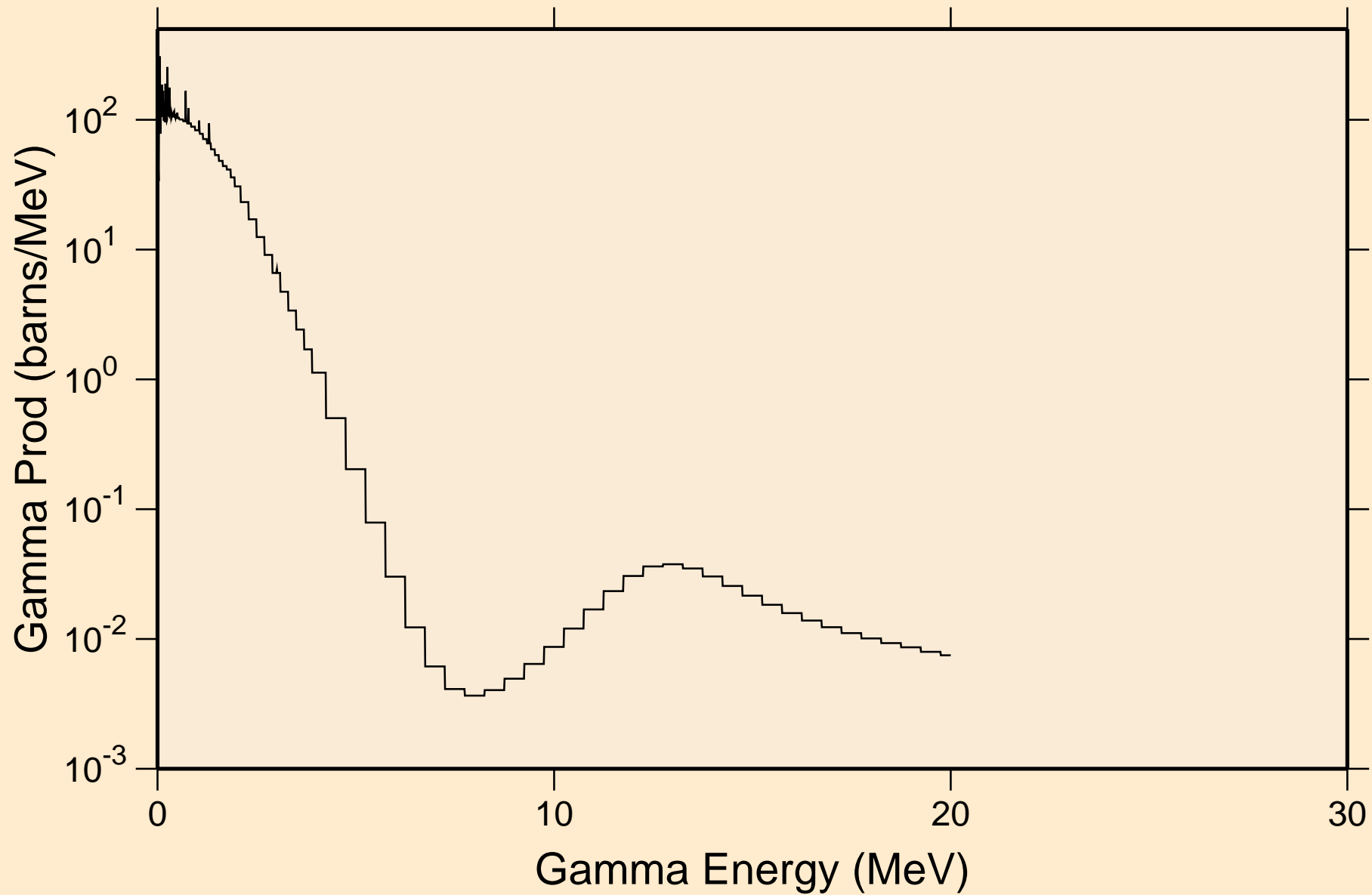
NO251M NRG TENDL-2016, AKONING  
Photon emission for (n,da)



NO251M NRG TENDL-2016, AKONING  
thermal capture photon spectrum

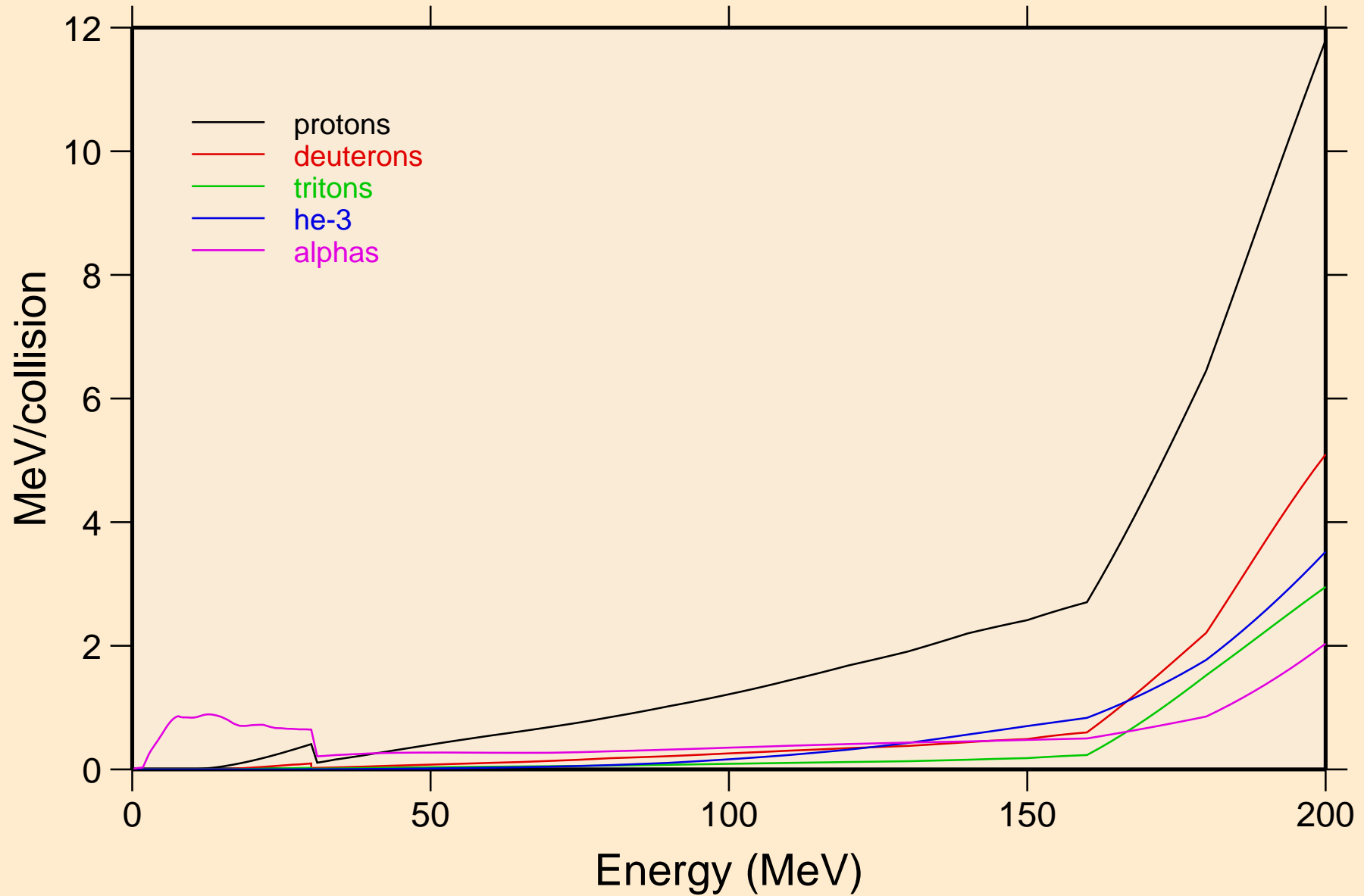


NO251M NRG TENDL-2016, AKONING  
14 MeV photon spectrum



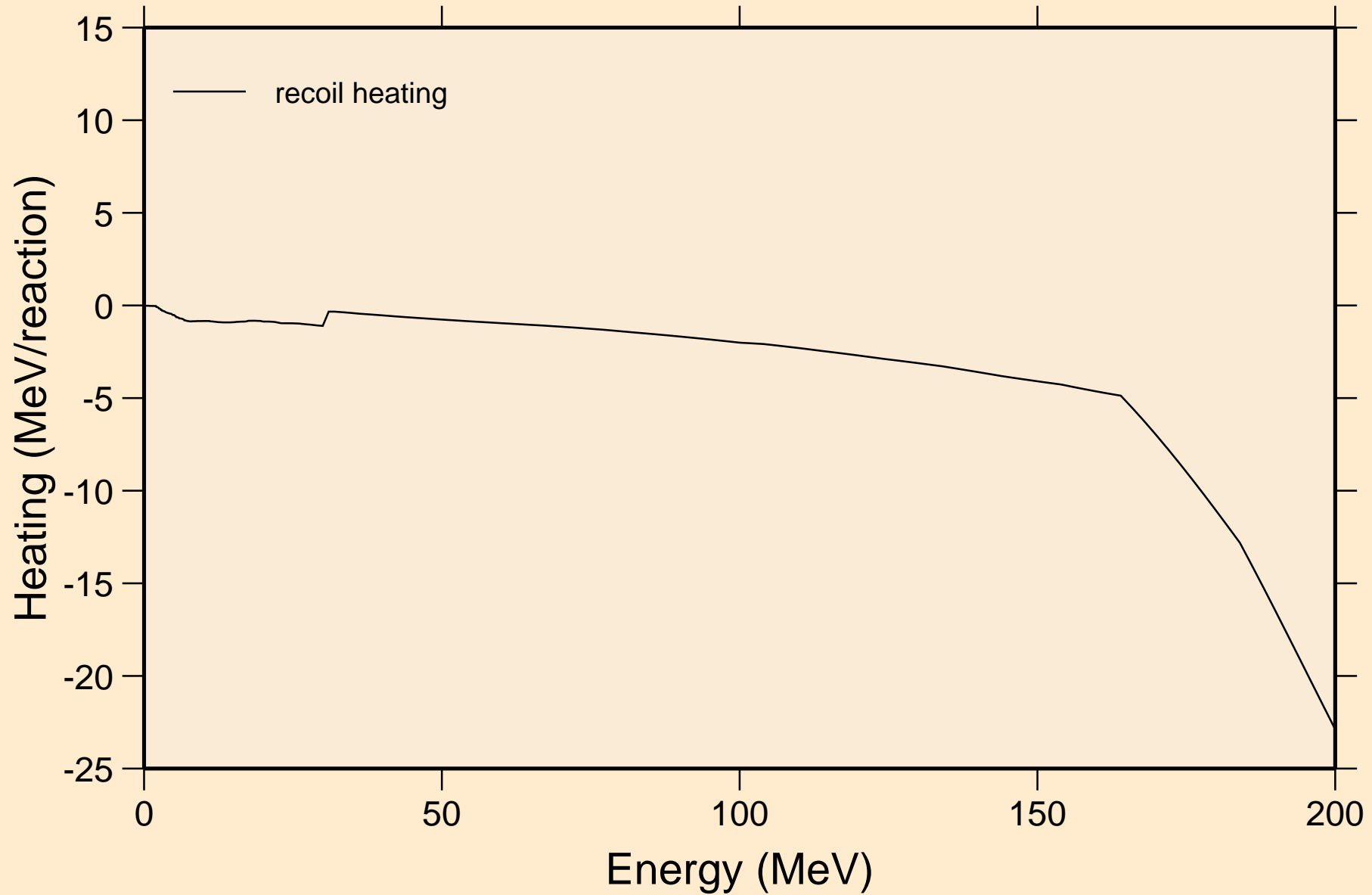
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## Particle heating contributions



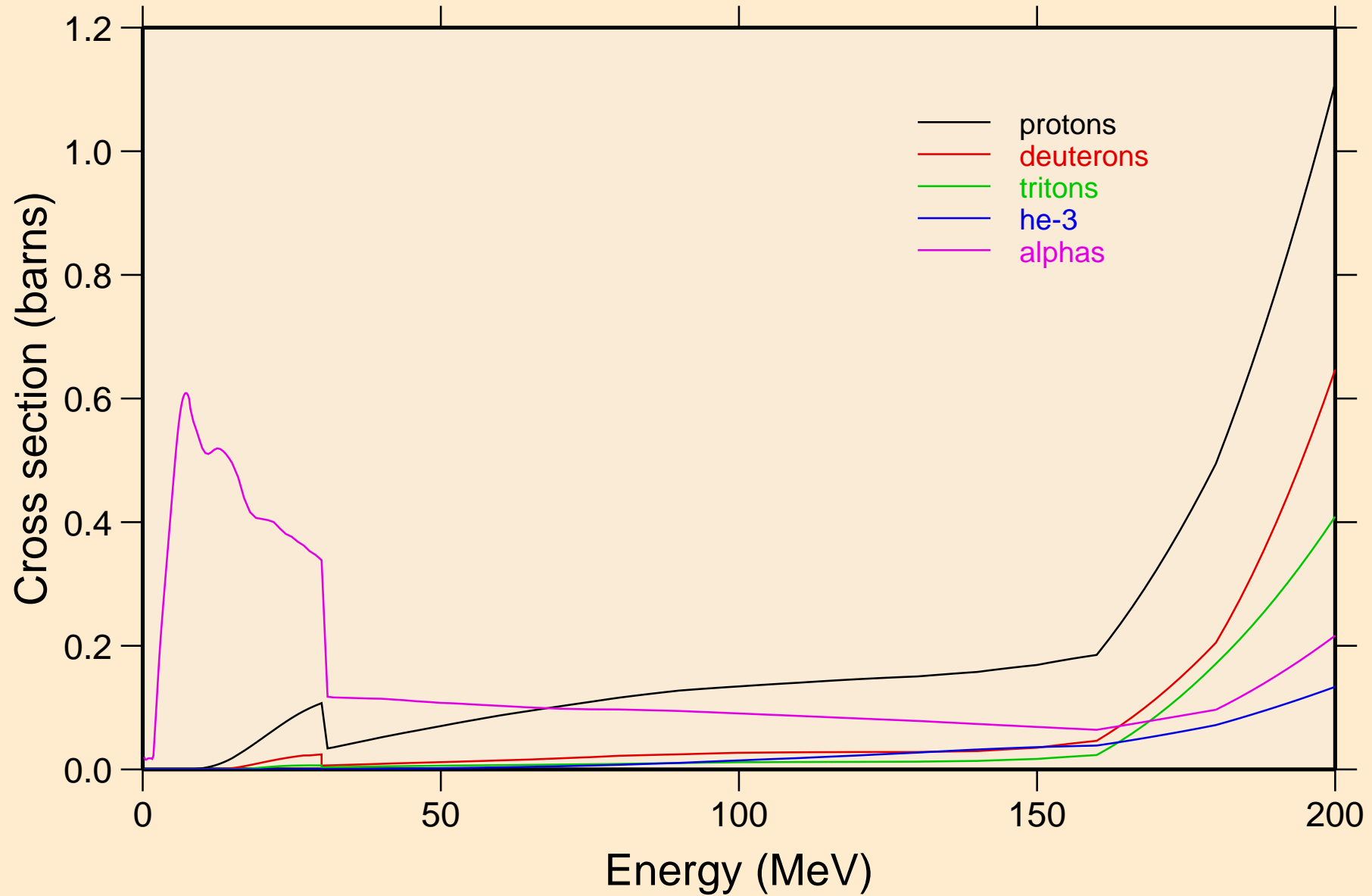
# NO251M NRG TENDL-2016, AKONING

## Recoil Heating

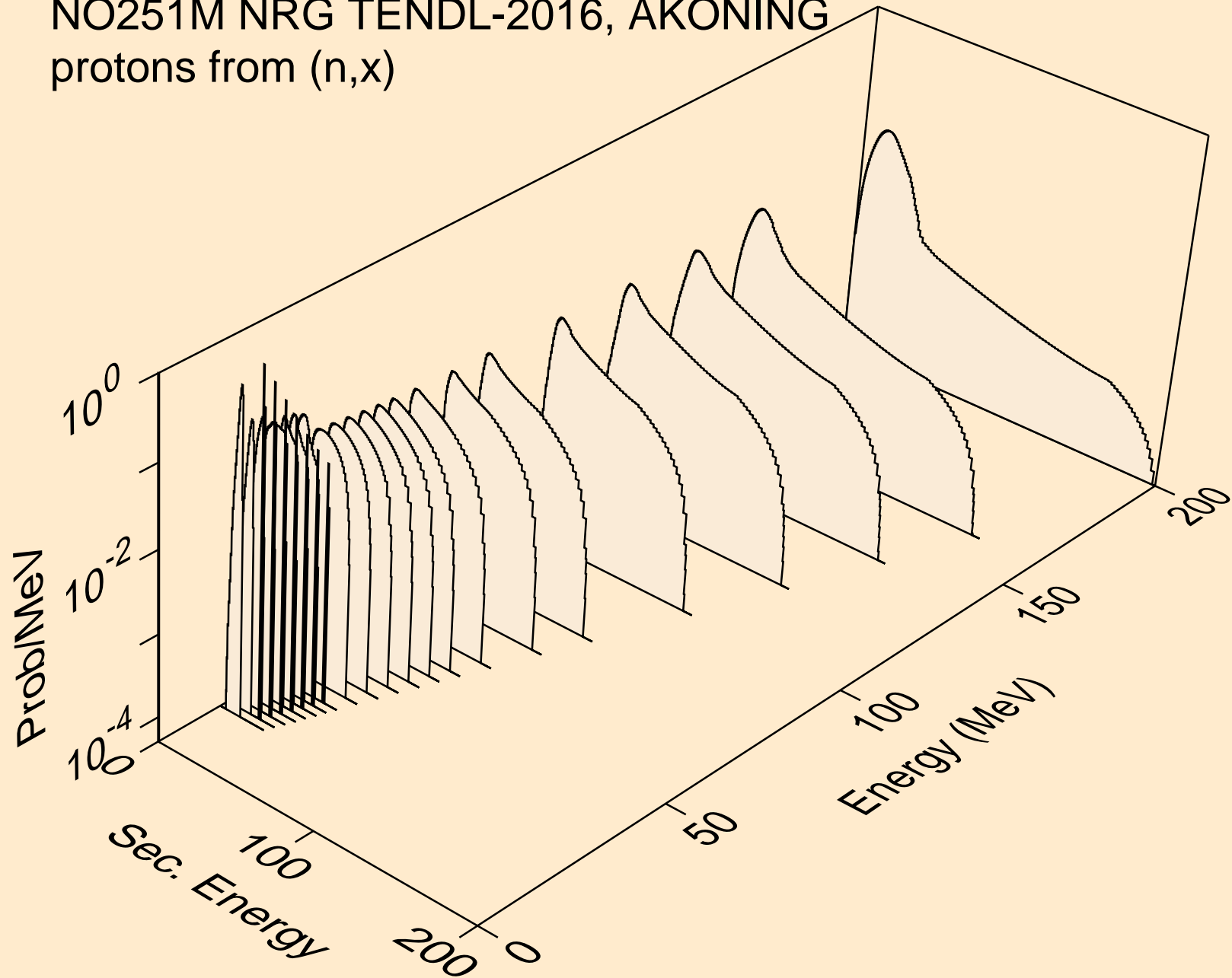


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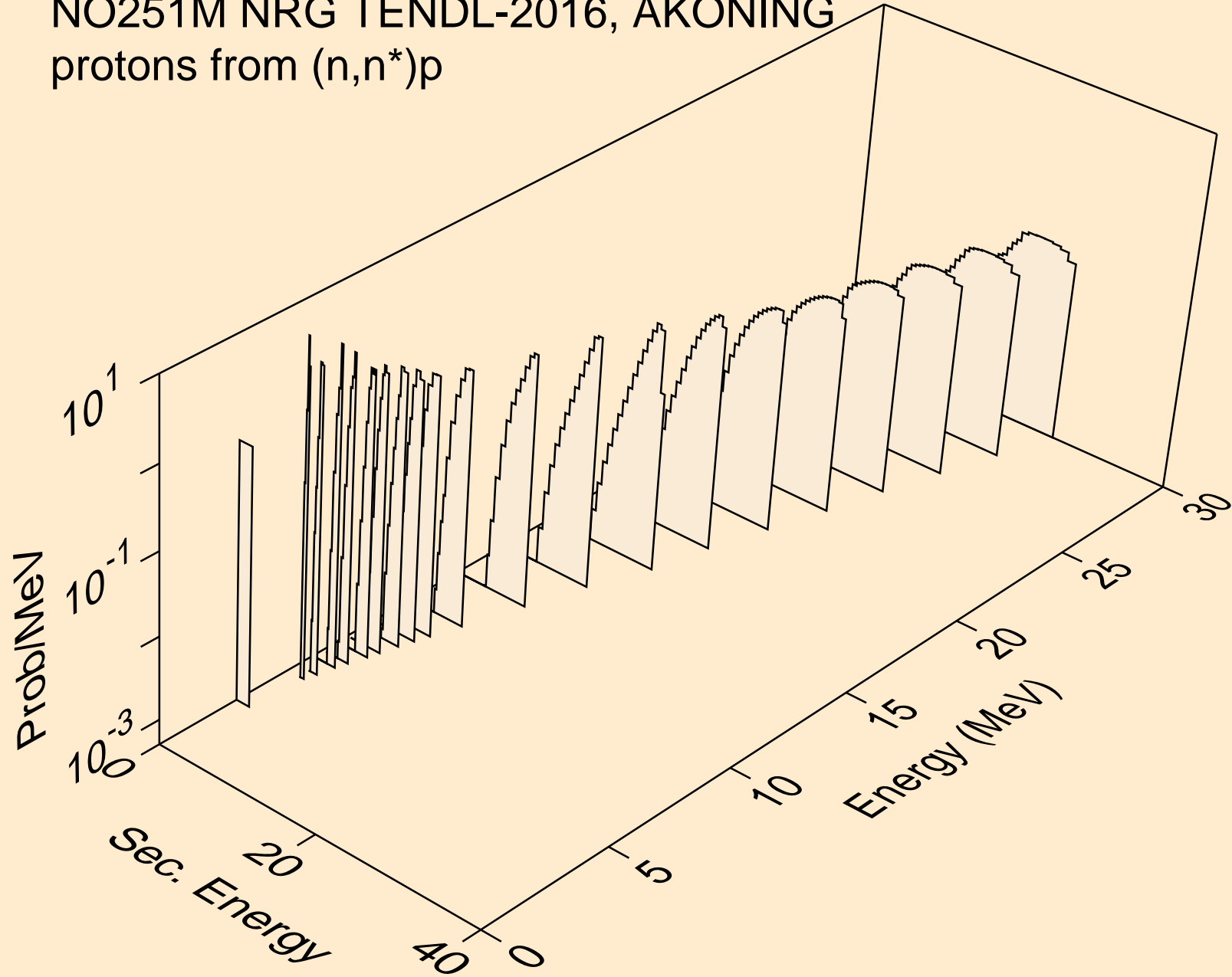
## Particle production cross sections



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protons from (n,x)

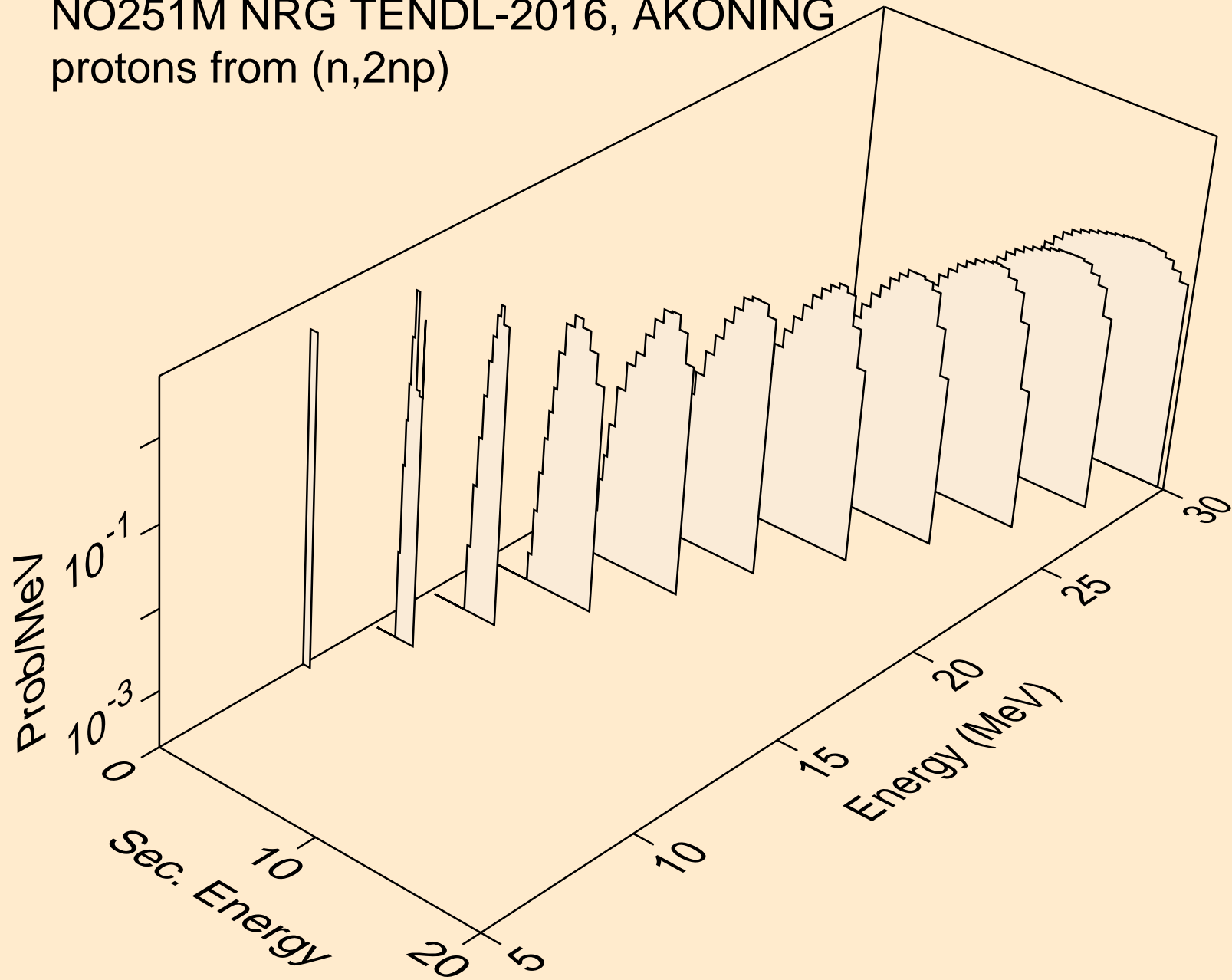


NO251M NRG TENDL-2016, AKONING  
protons from (n,n\*)p

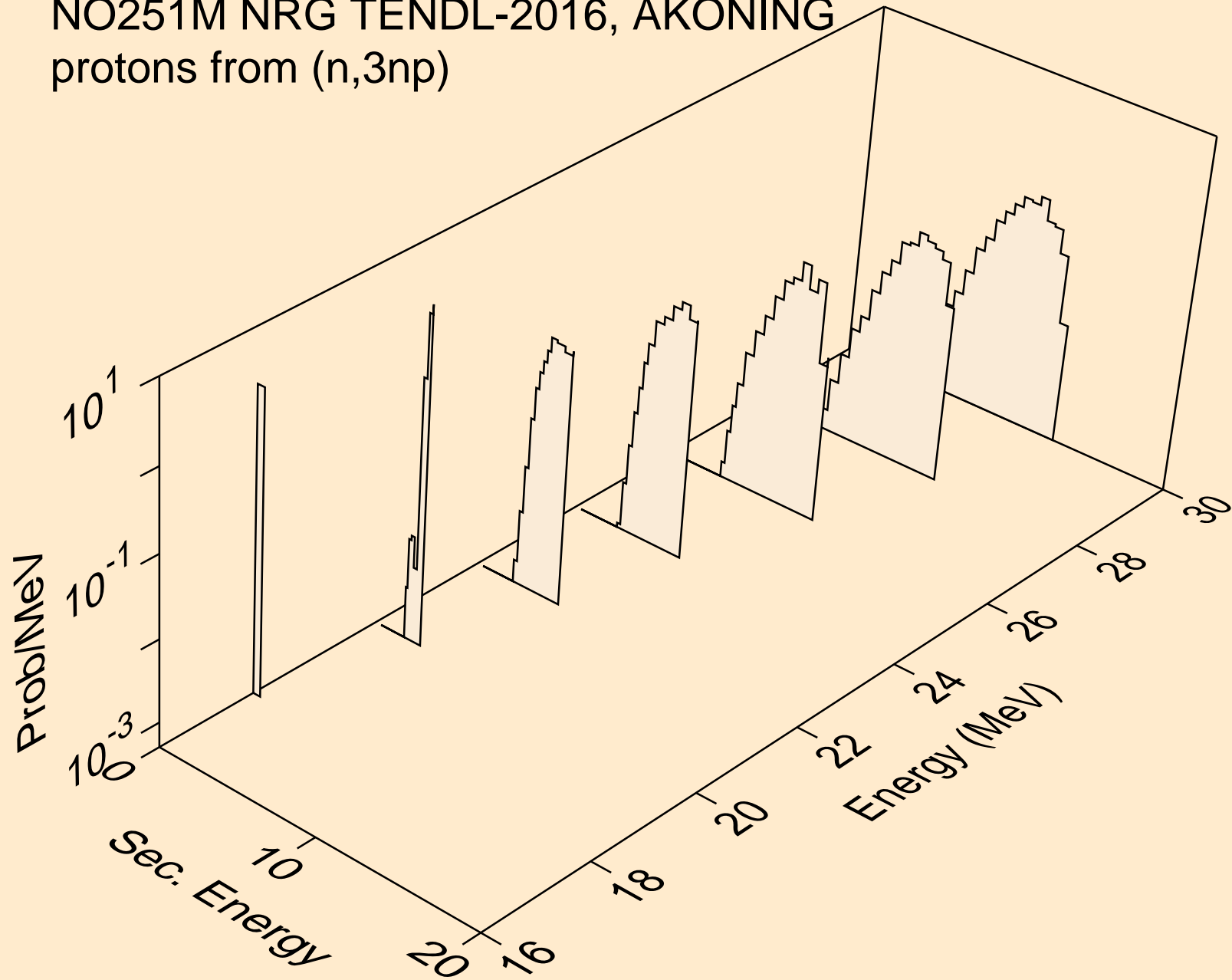




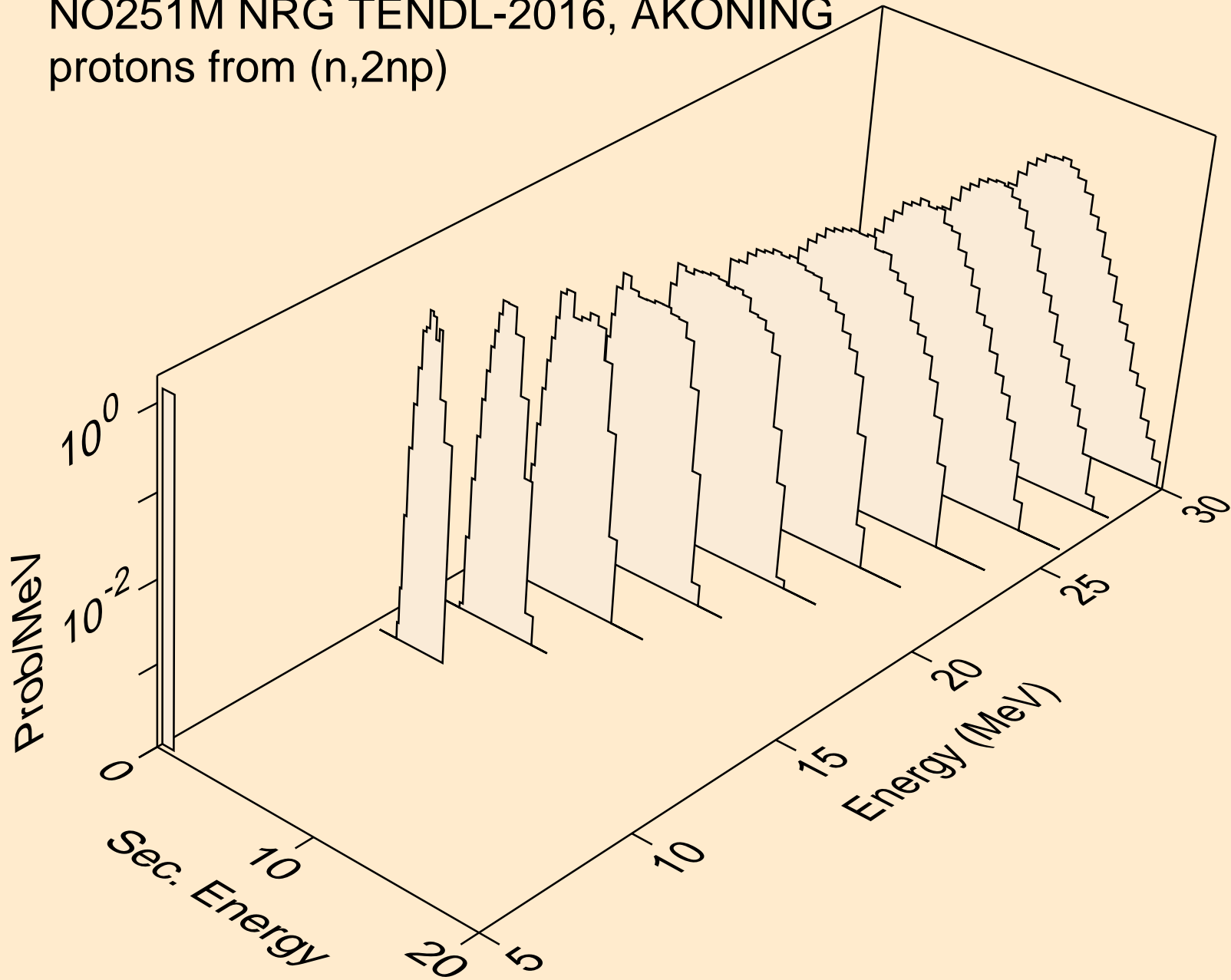
NO251M NRG TENDL-2016, AKONING  
protons from (n,2np)



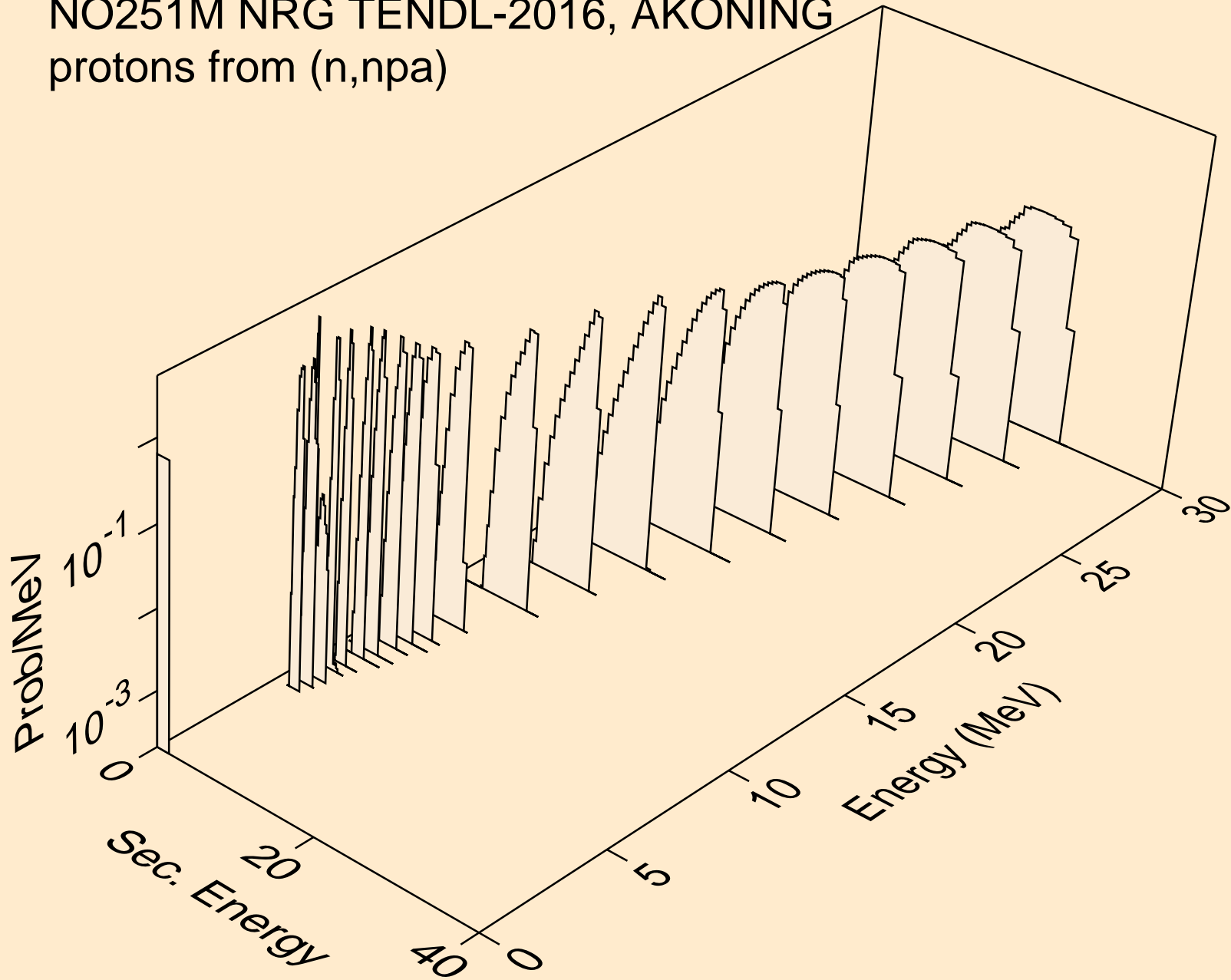
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protons from (n,3np)



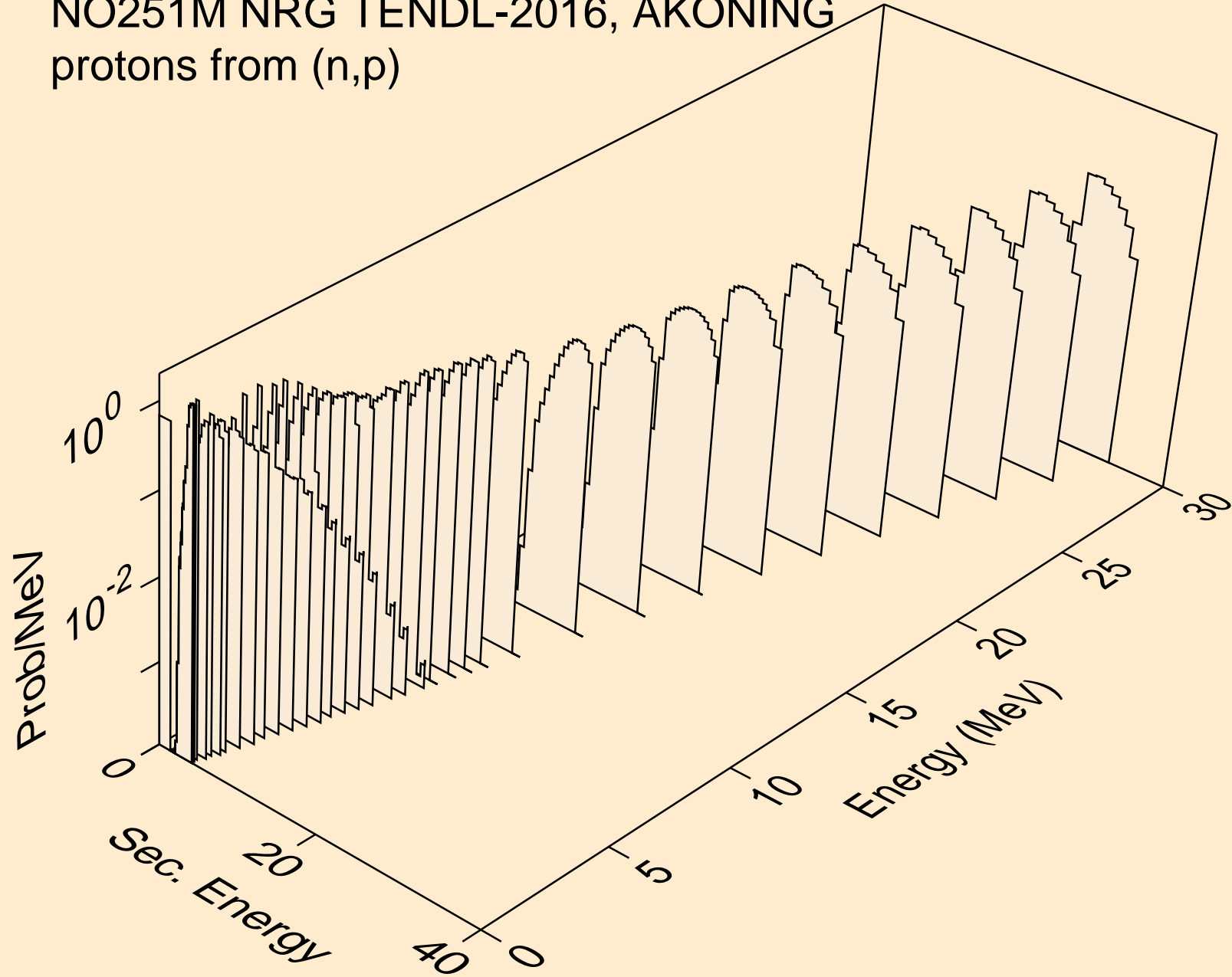
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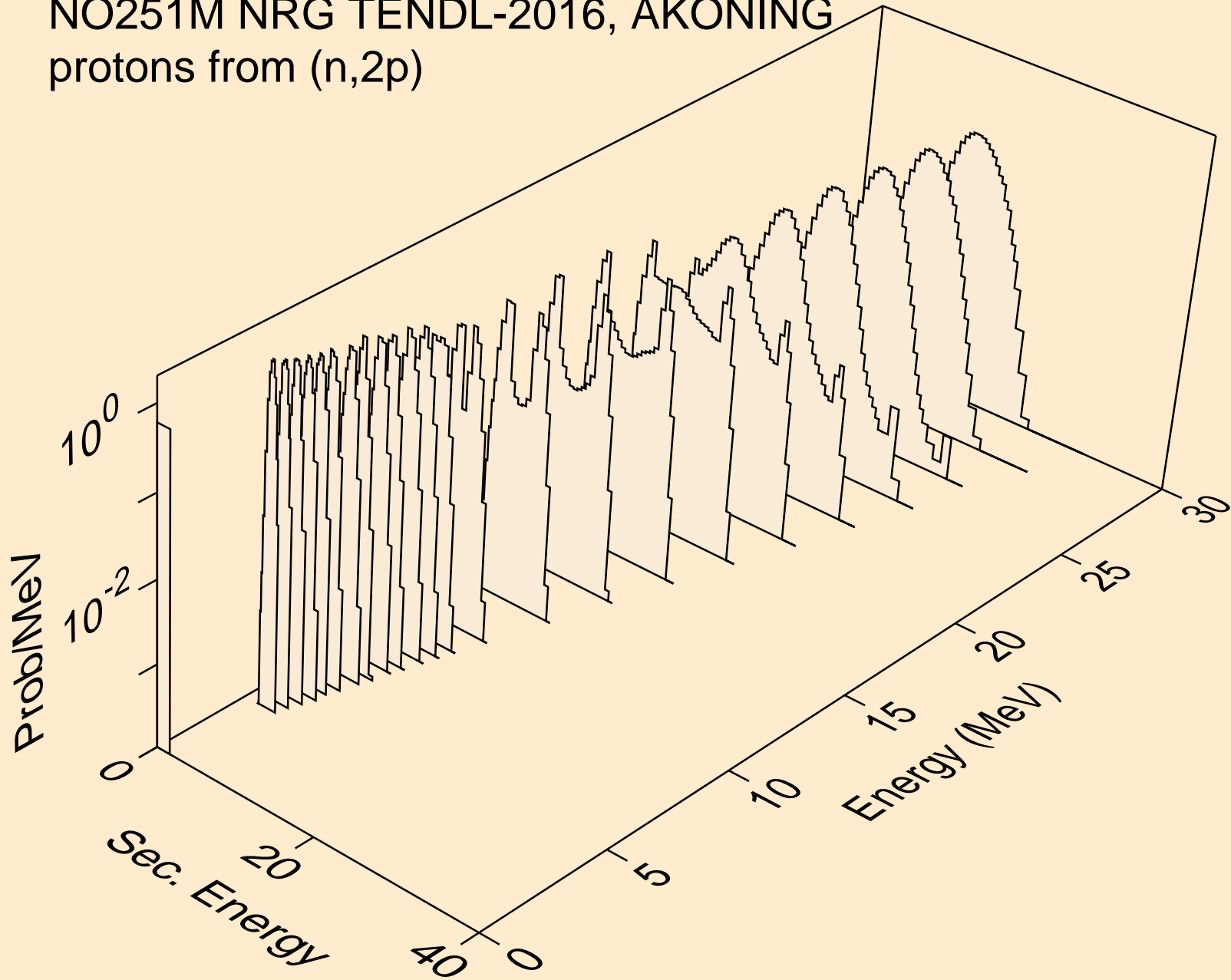
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protons from (n,npa)



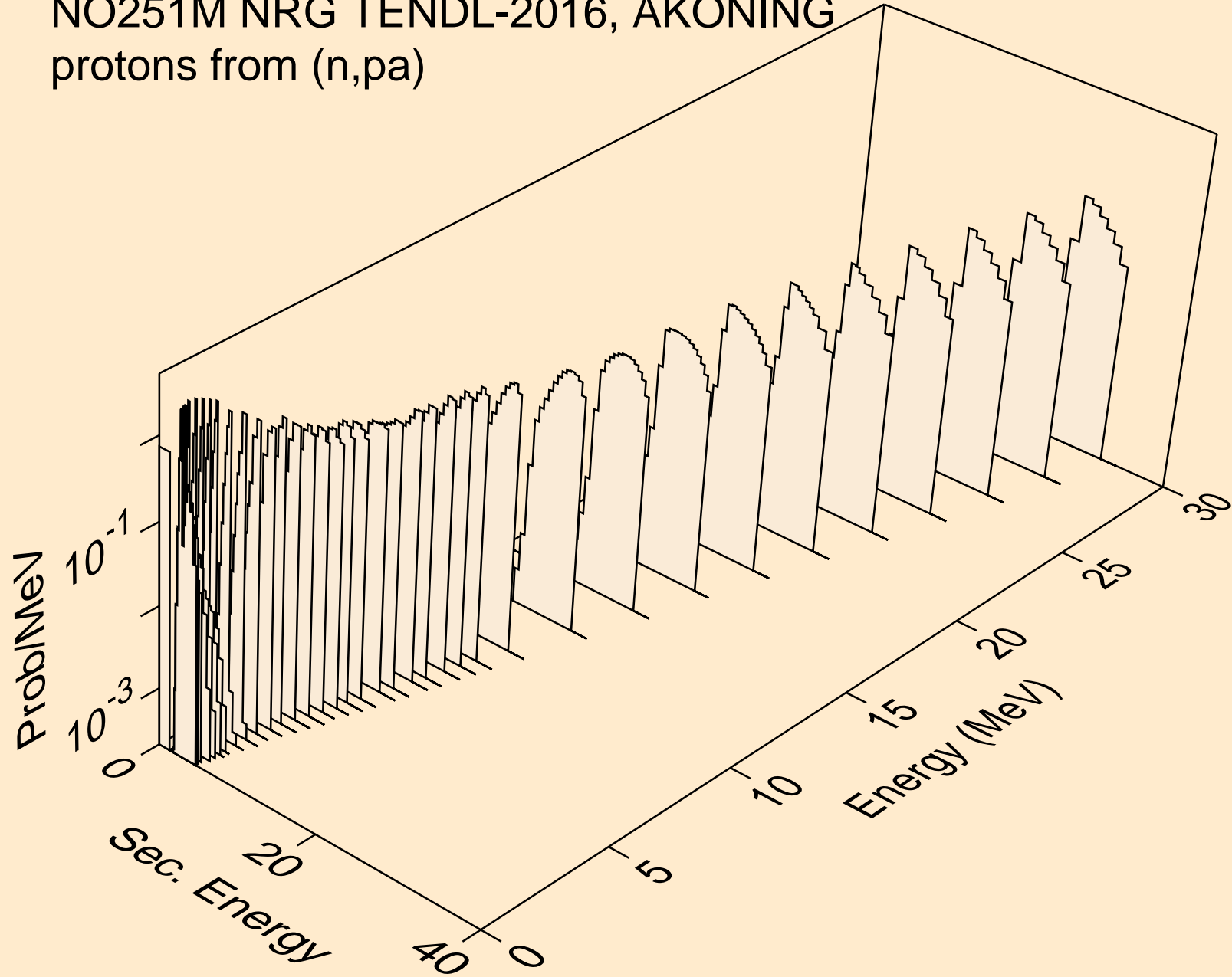
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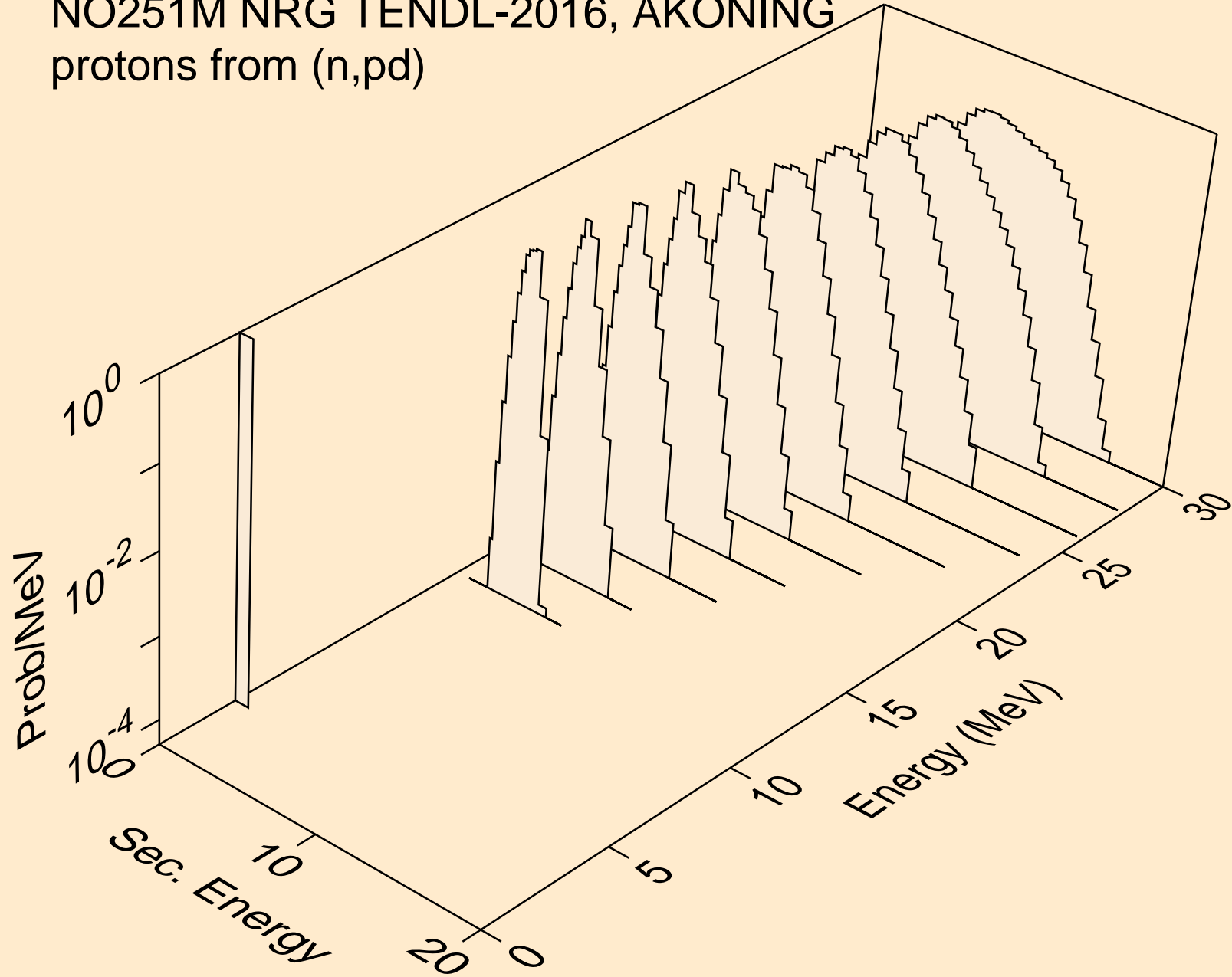
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protons from (n,2p)



NO251M NRG TENDL-2016, AKONING  
protons from (n,pa)

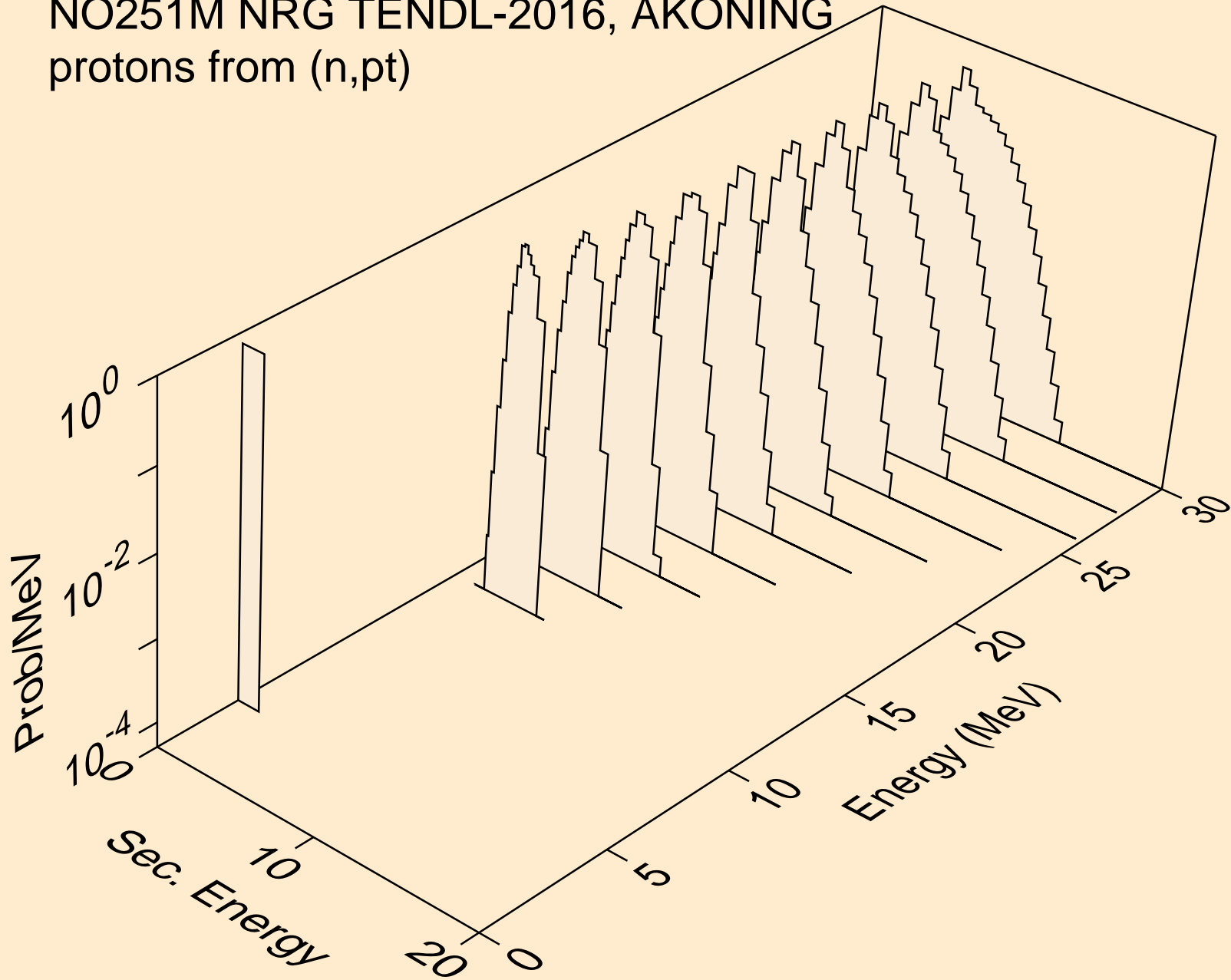


NO251M NRG TENDL-2016, AKONING  
protons from (n,pd)

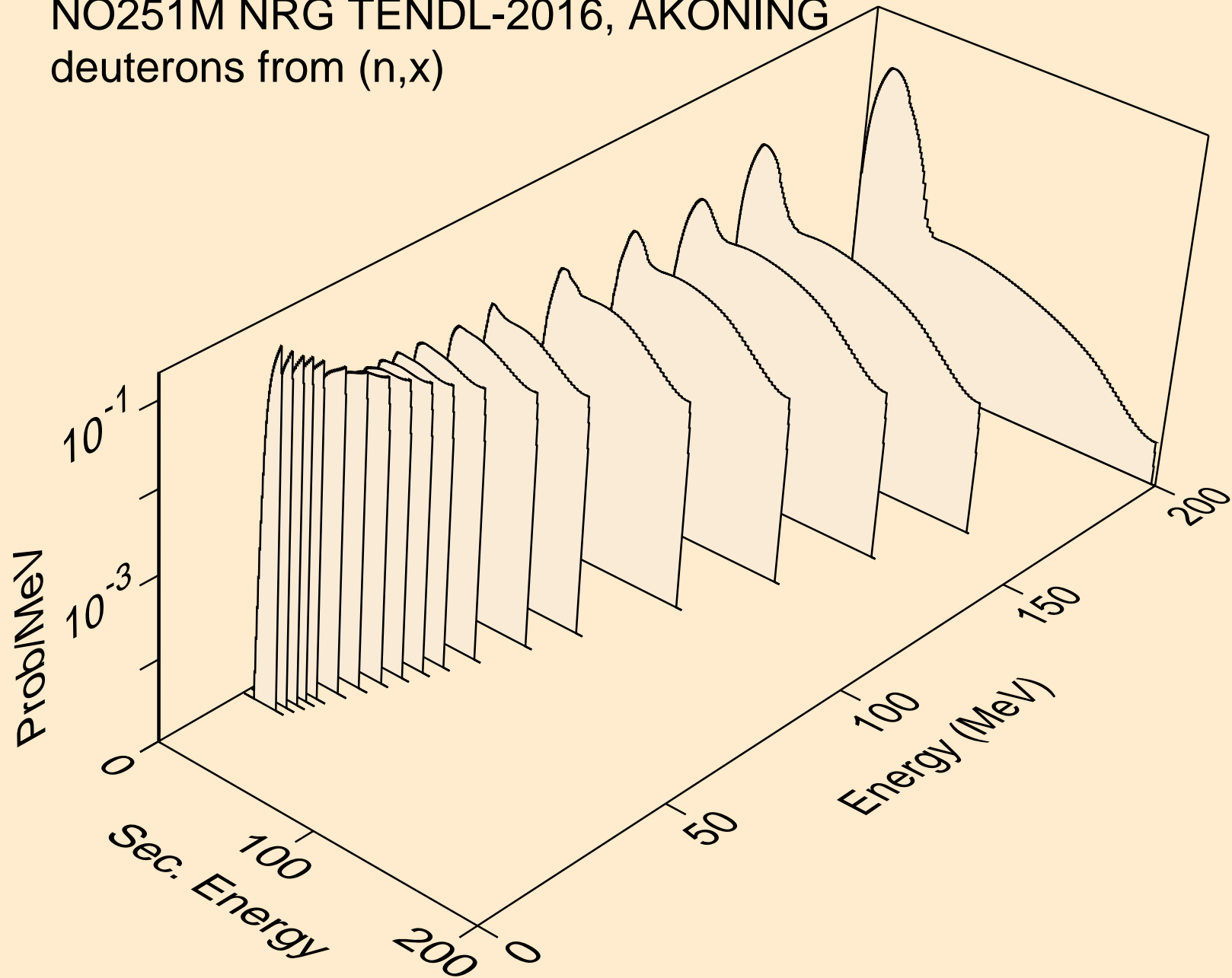




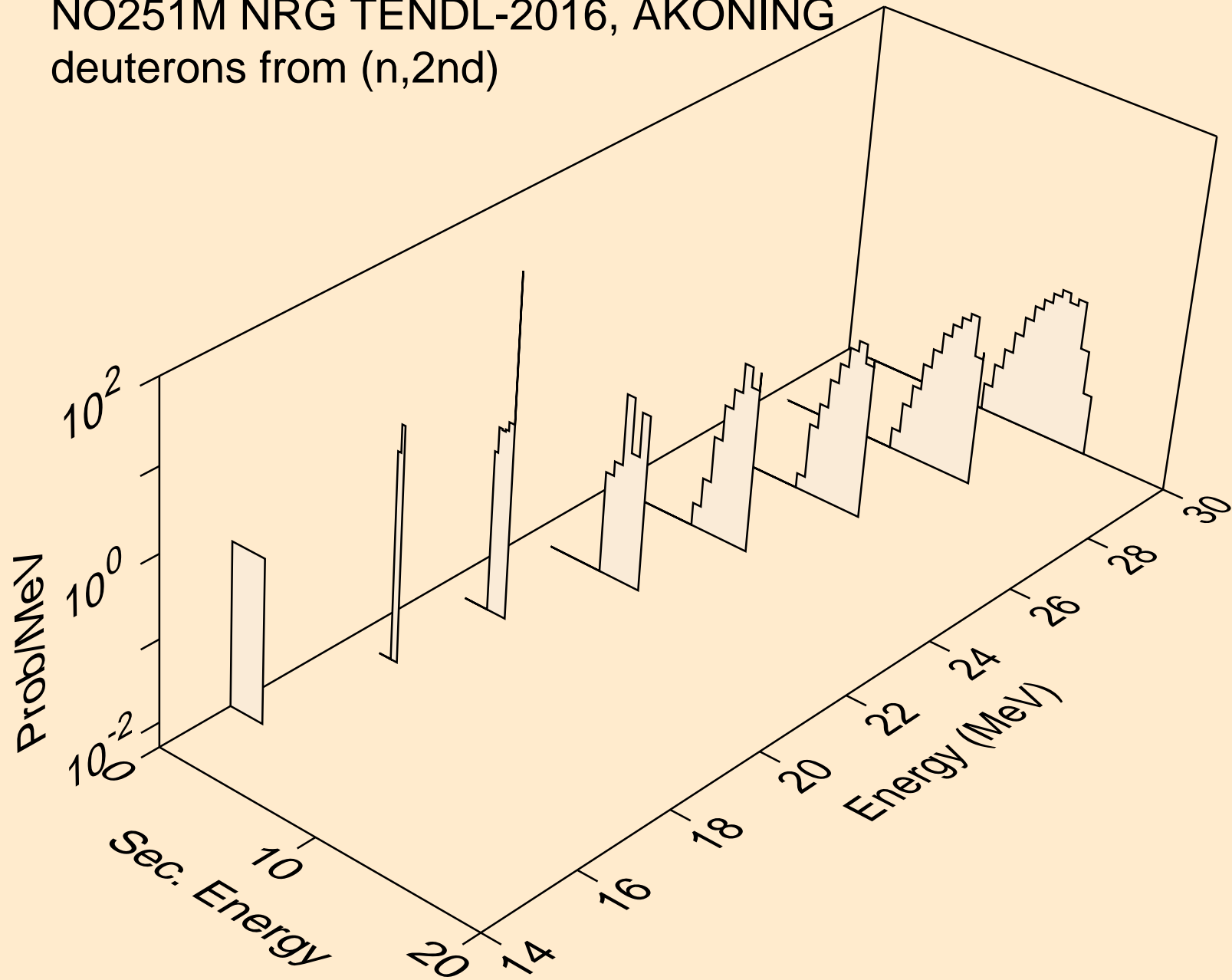
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protons from (n,pt)



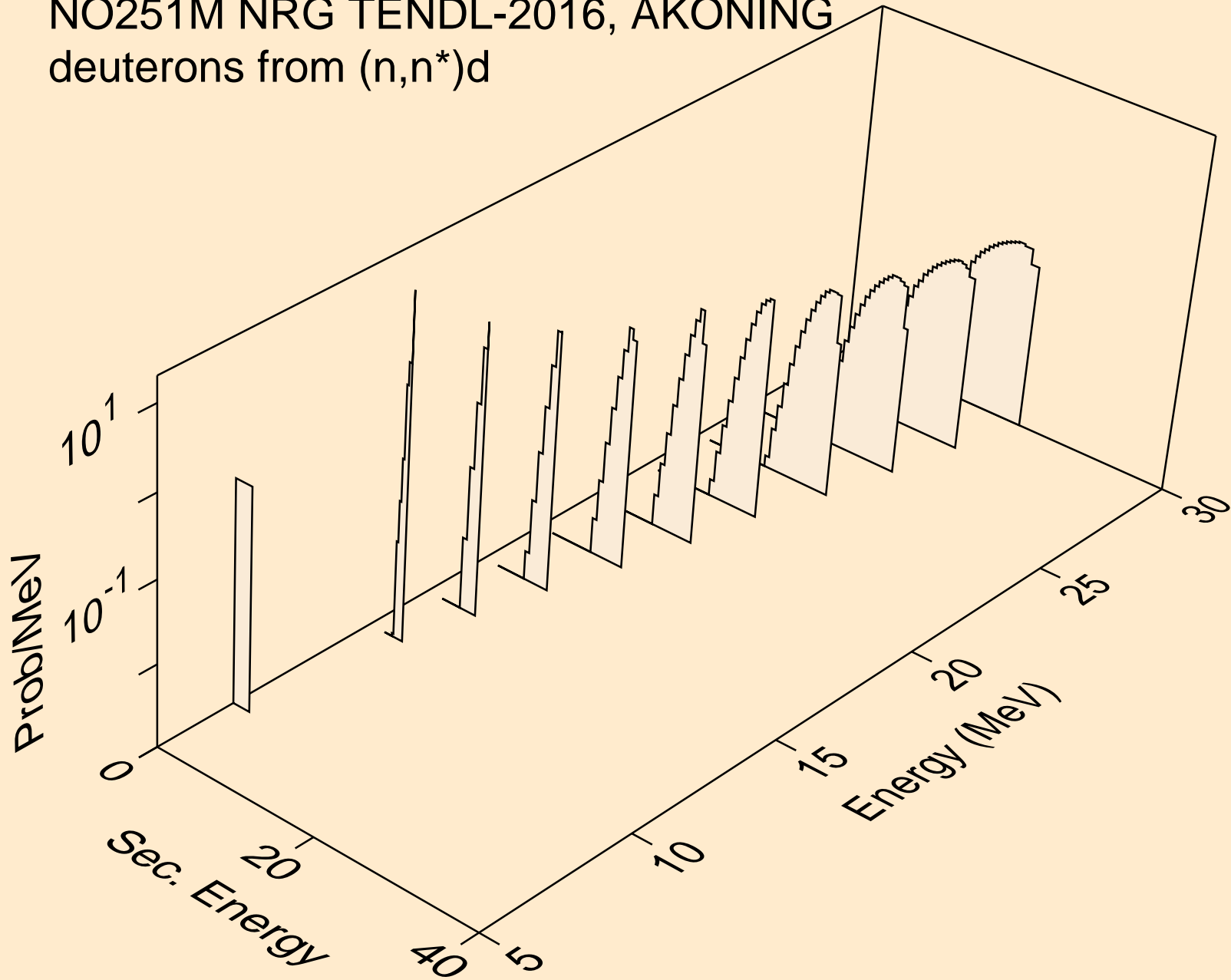
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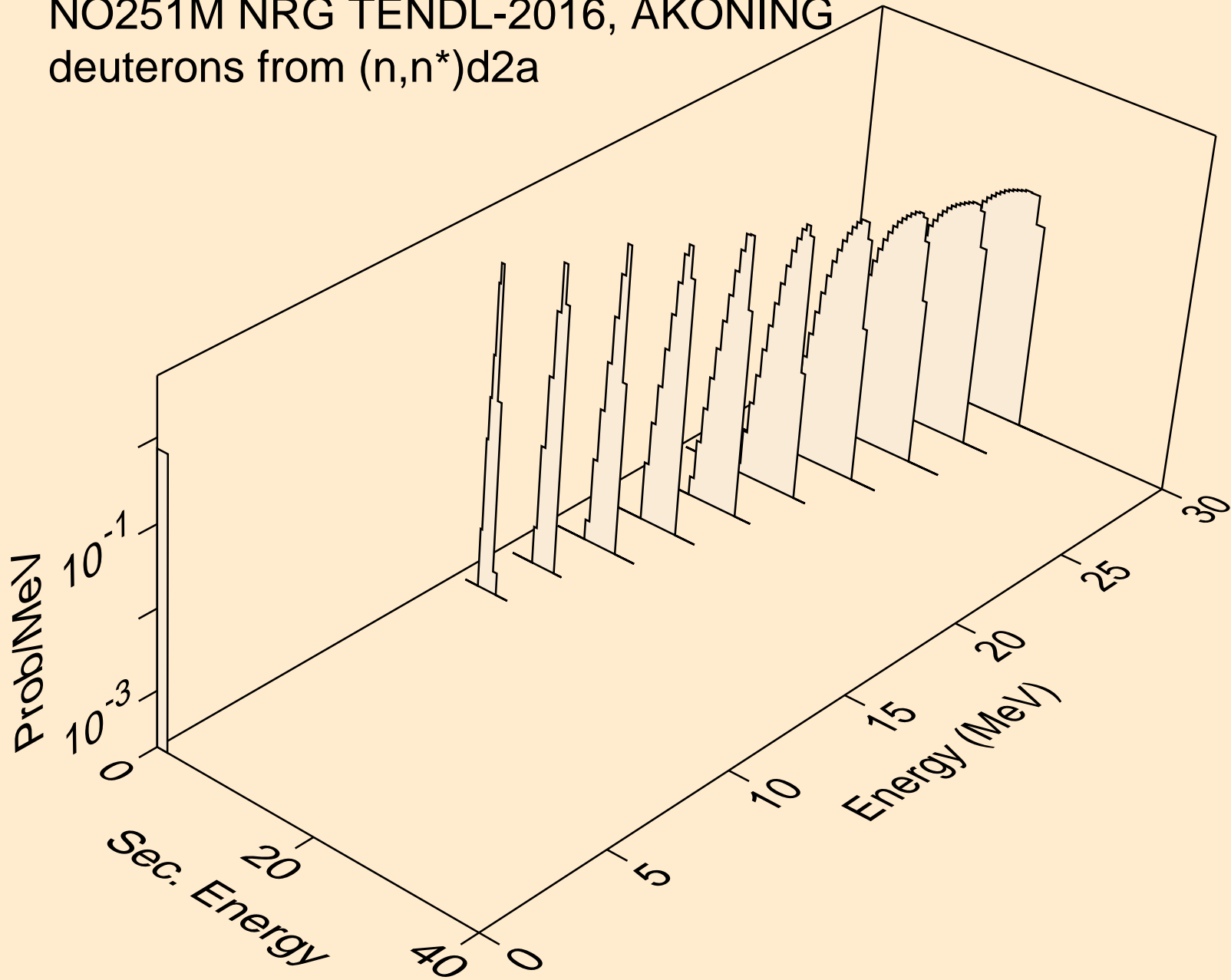
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deuterons from (n,2nd)



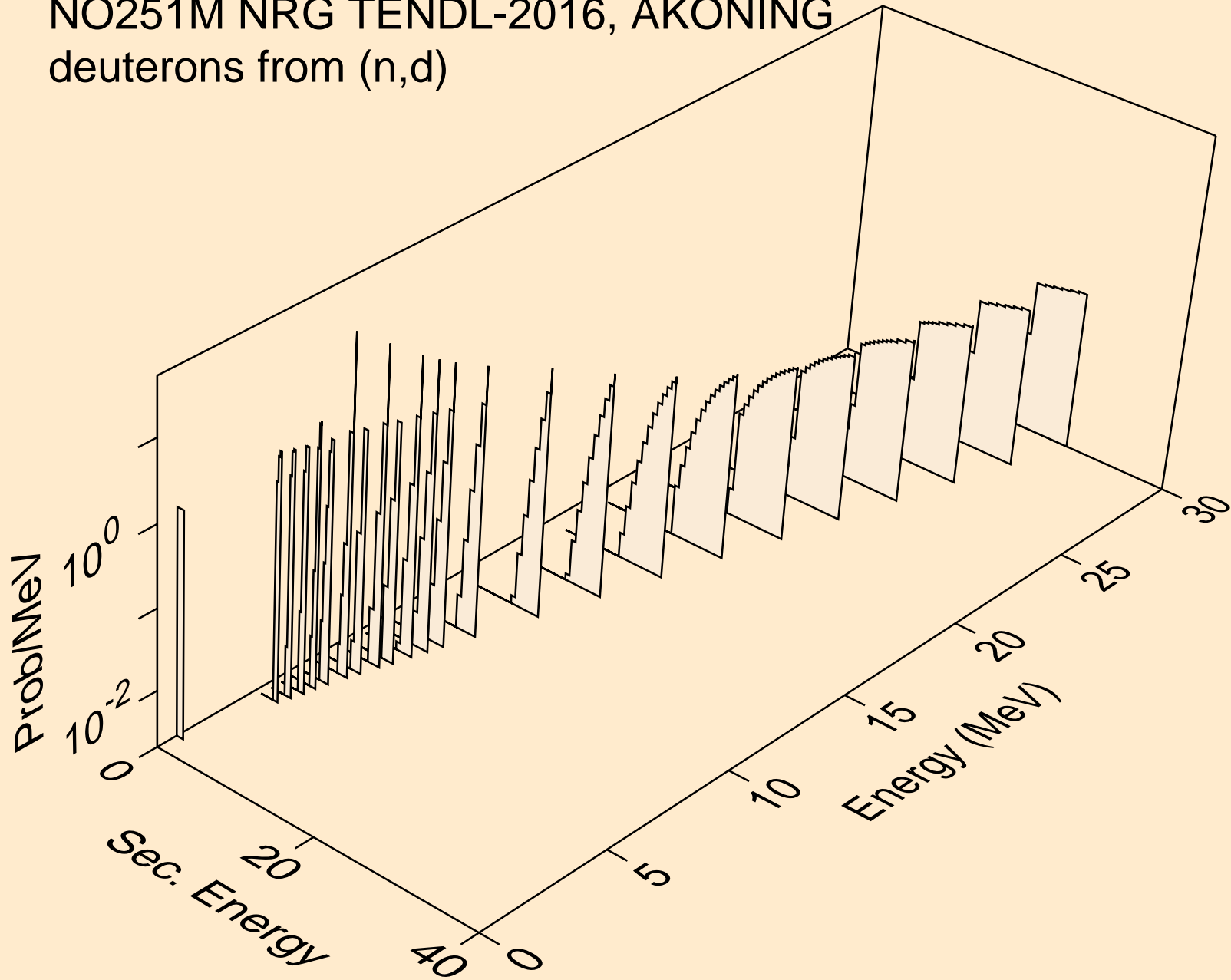
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deuterons from (n,n\*)d



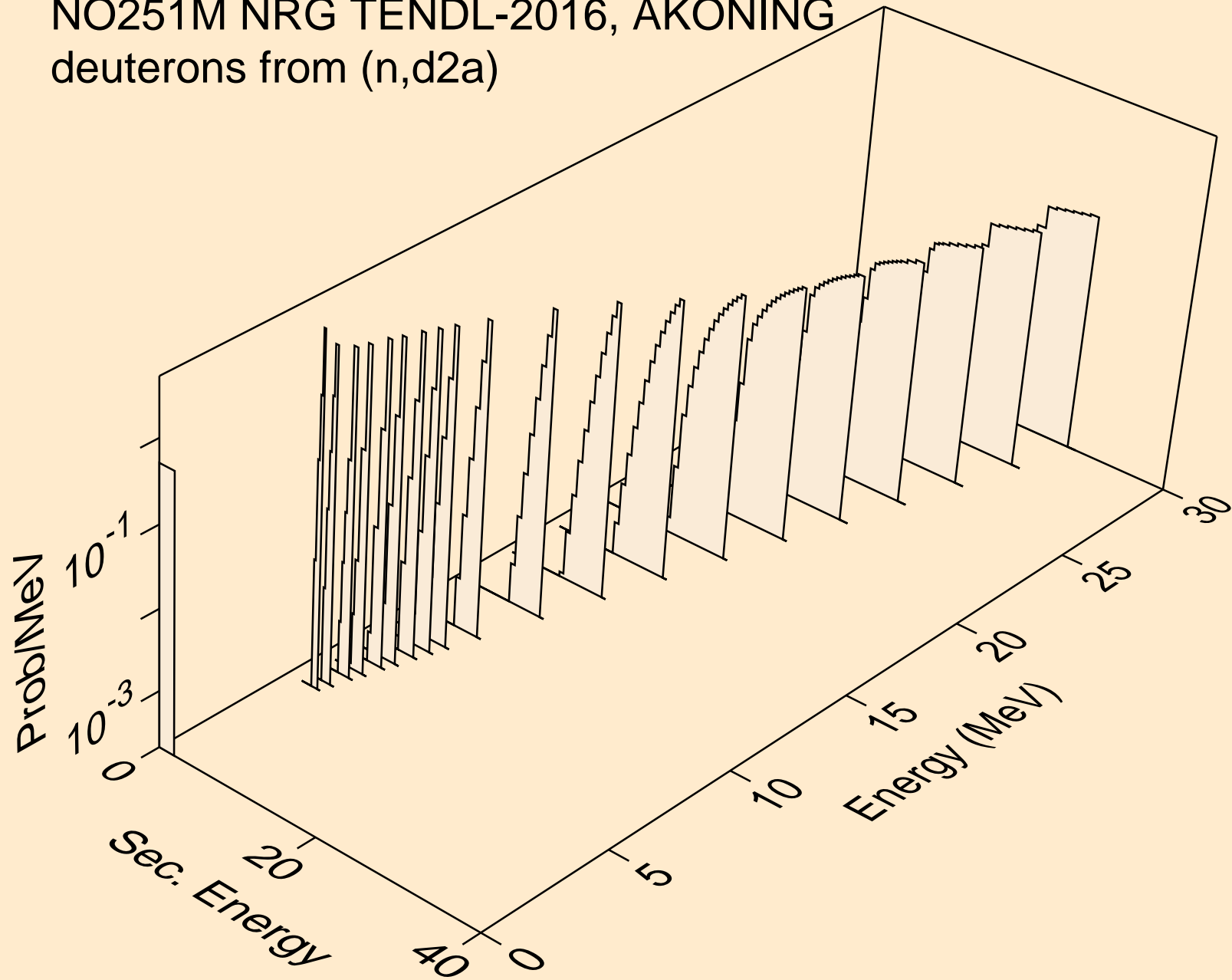
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deuterons from (n,n\*)d2a



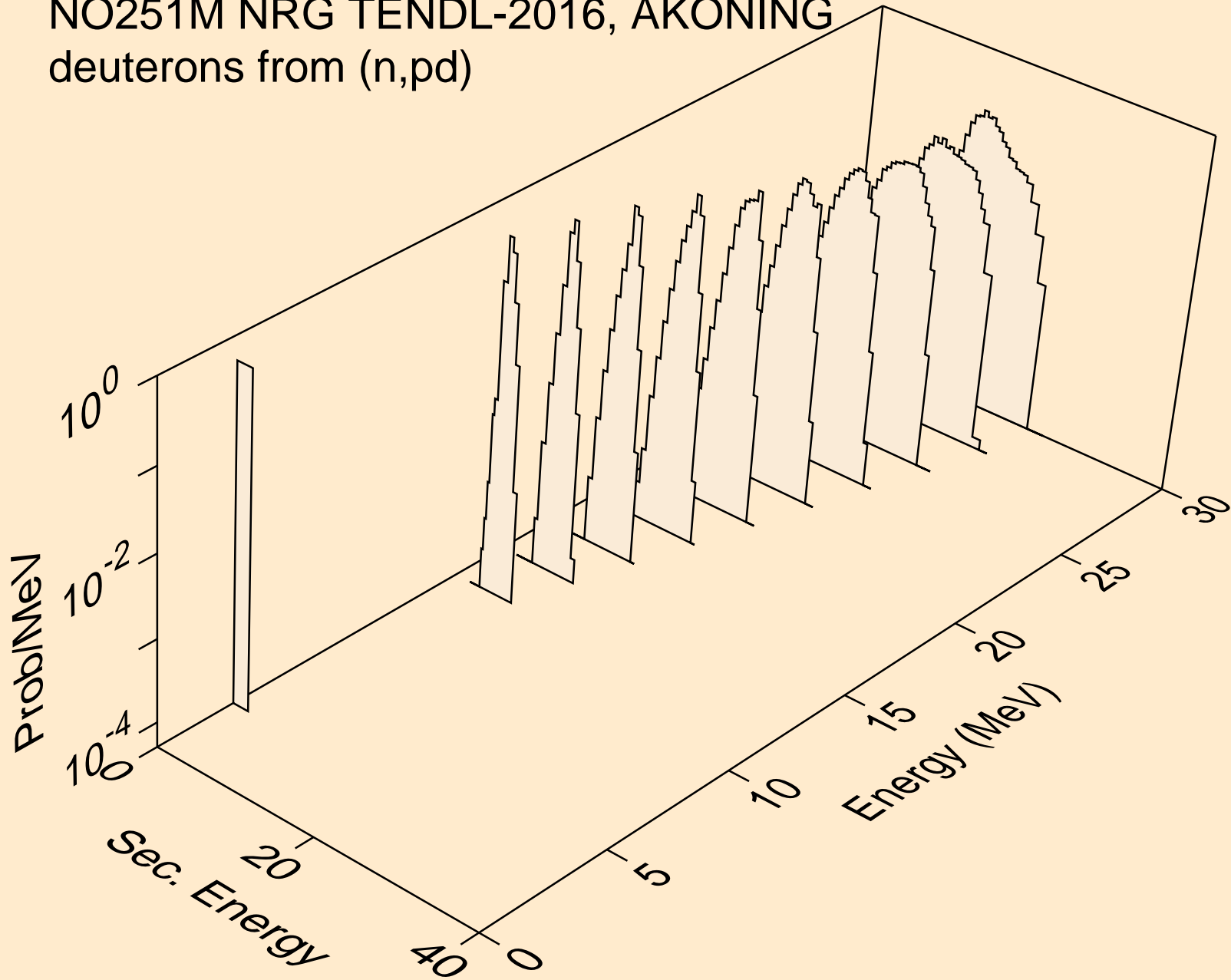
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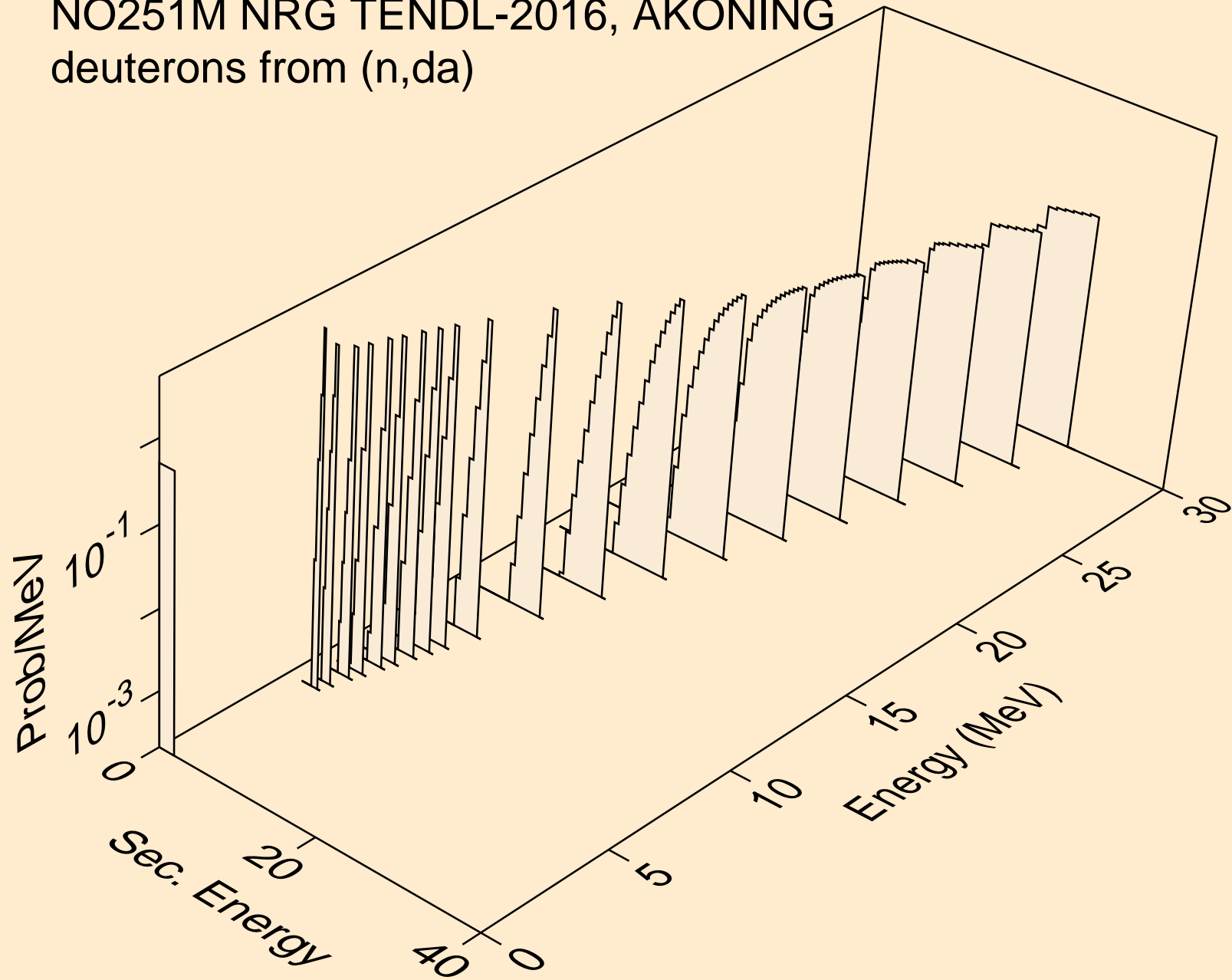


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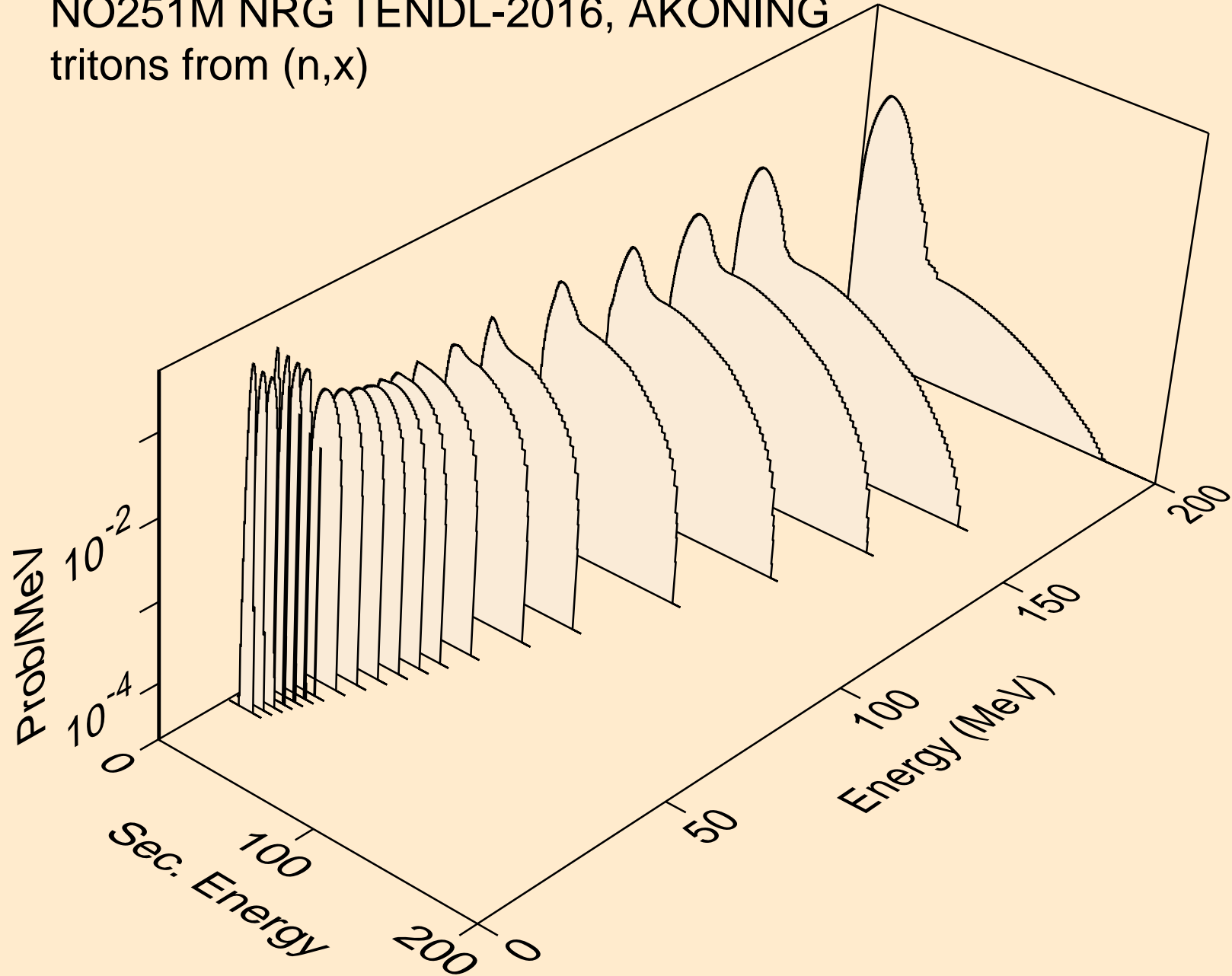




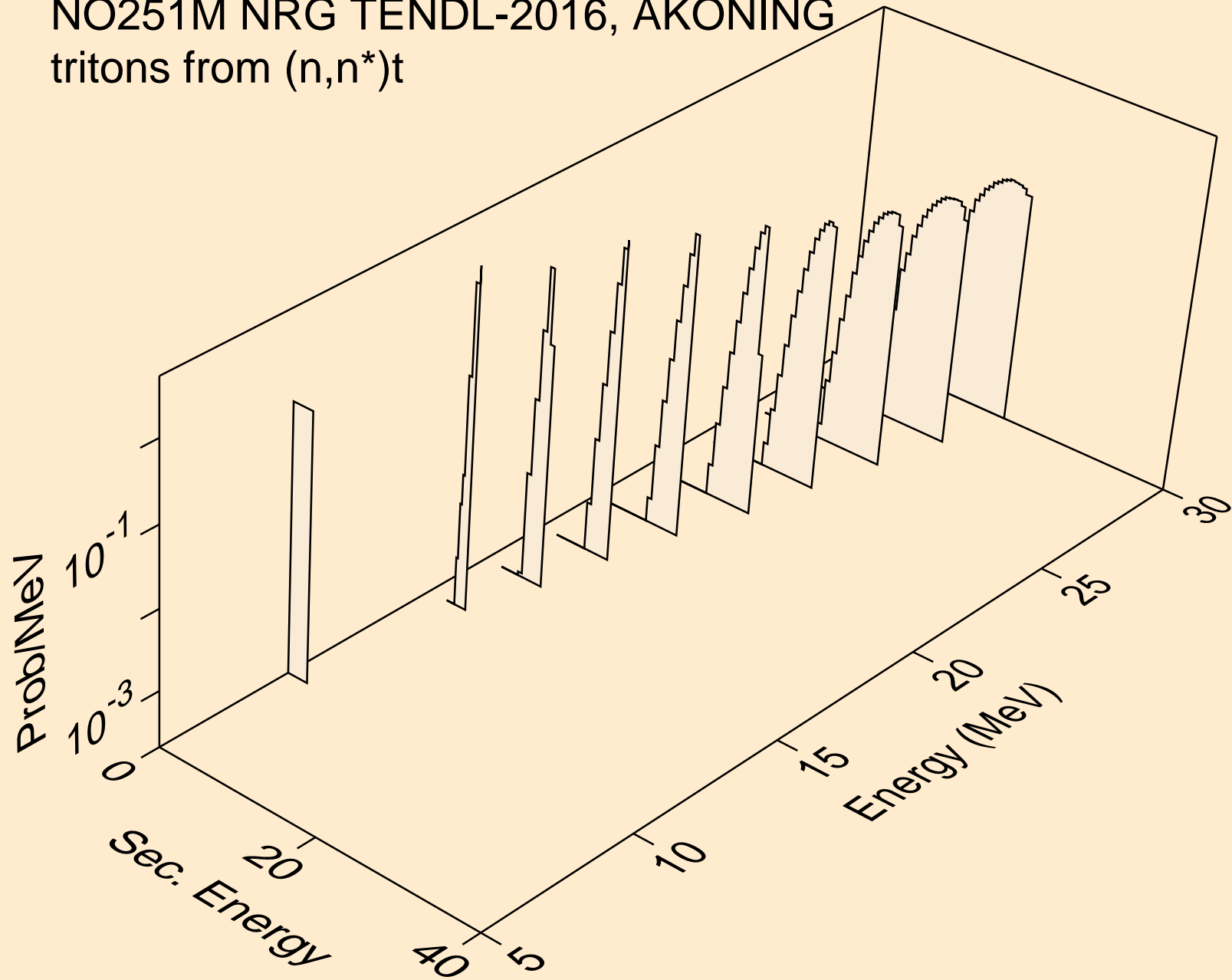
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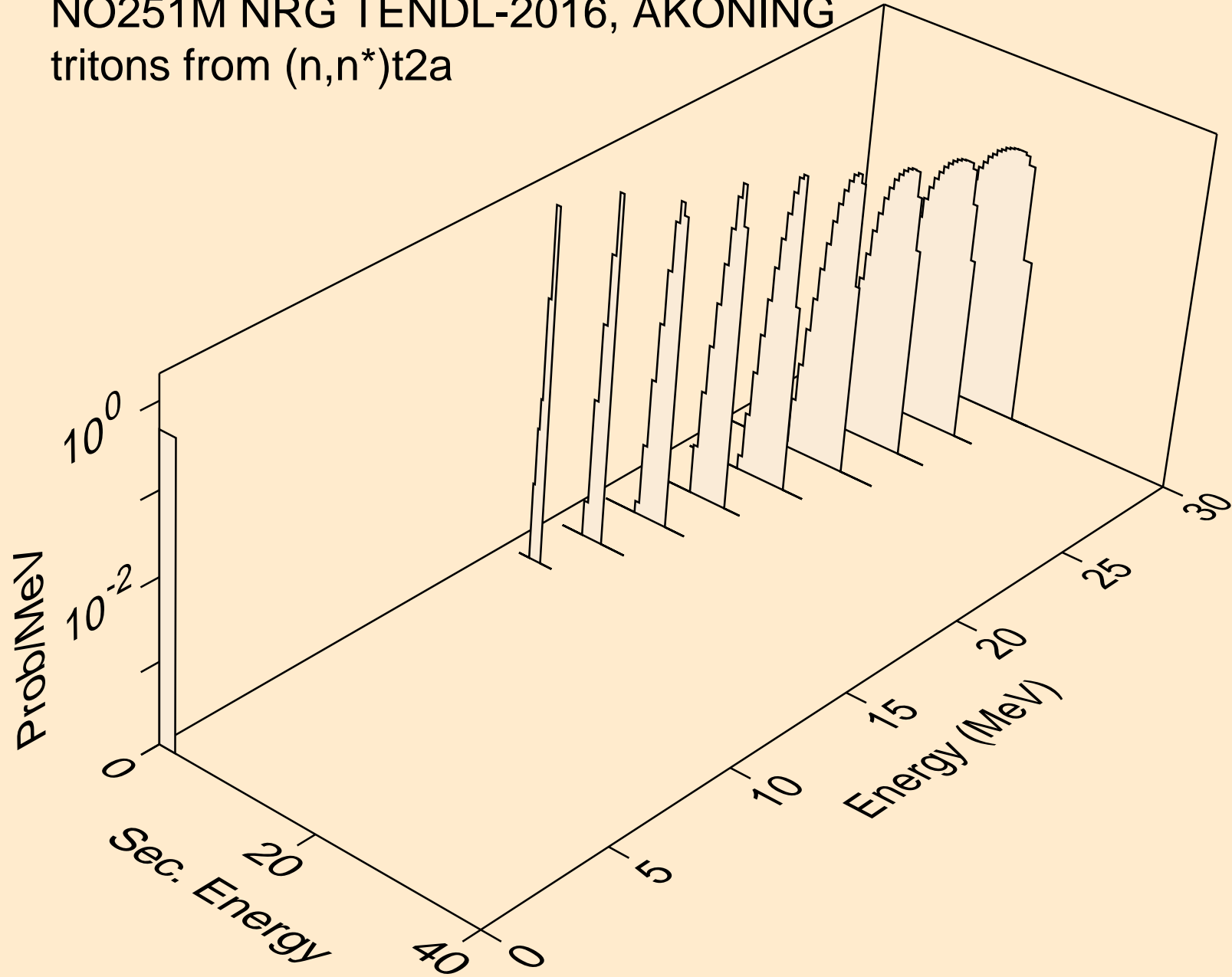
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tritons from (n,x)



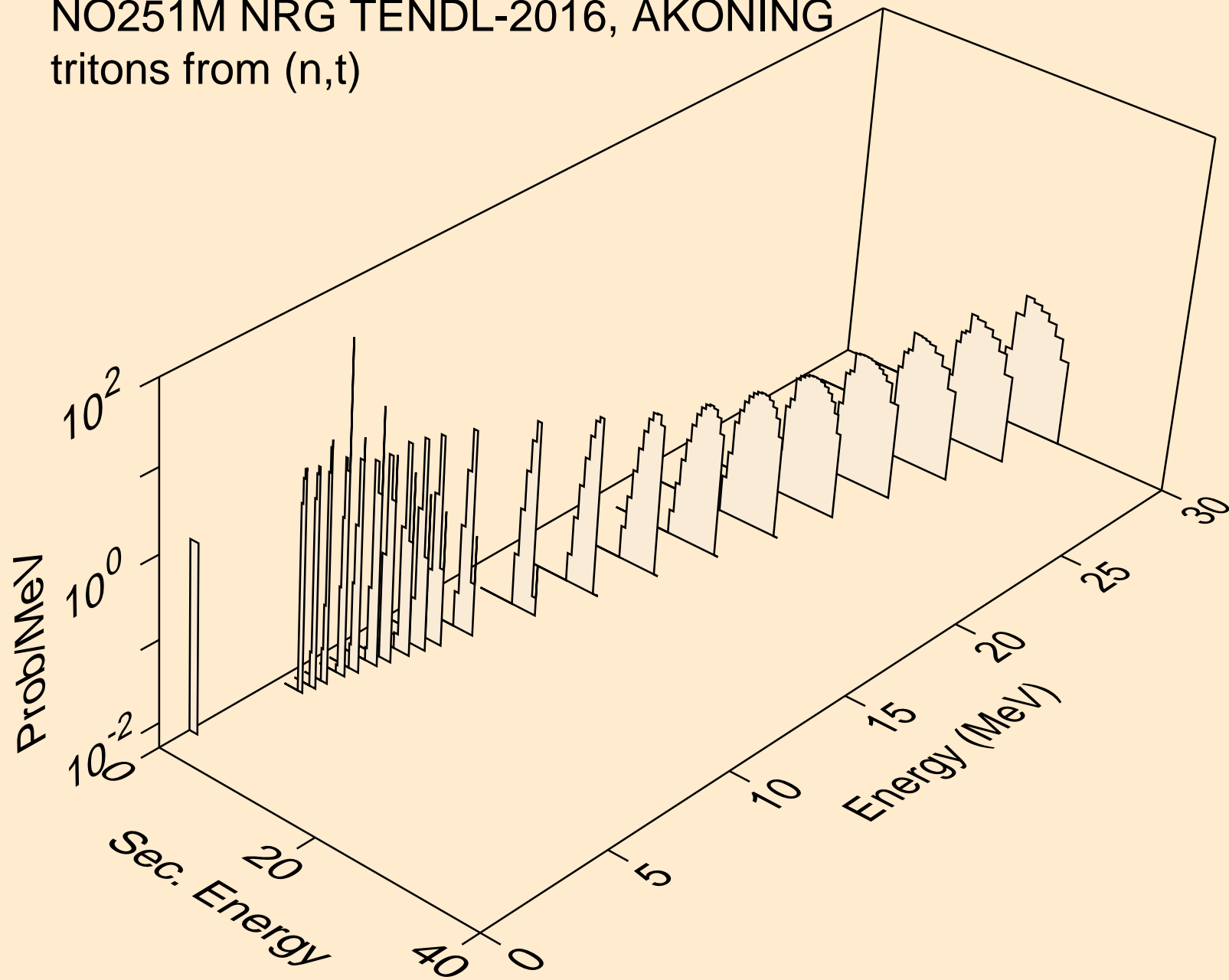
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tritons from (n,n\*)t



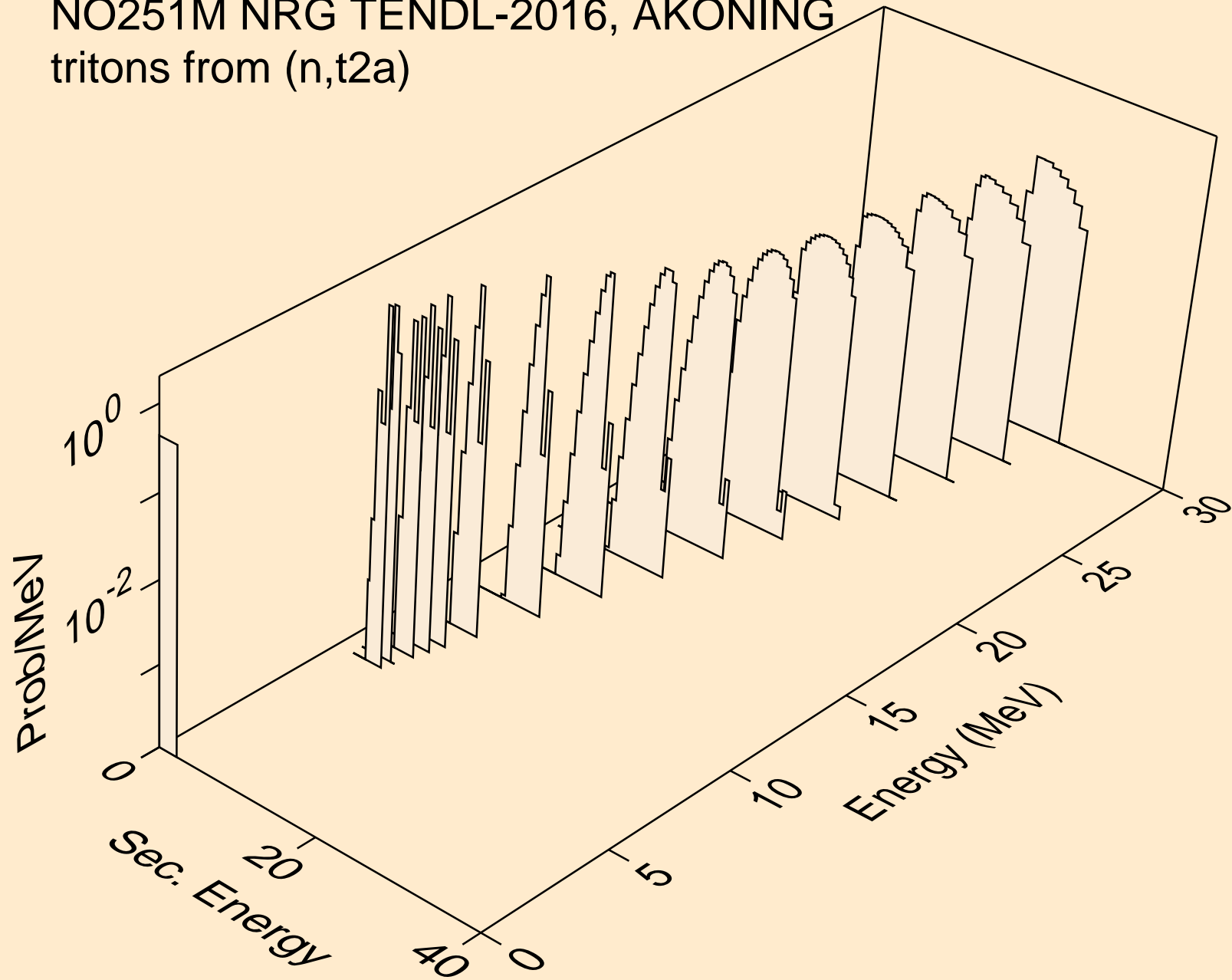
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tritons from (n,n\*)t2a



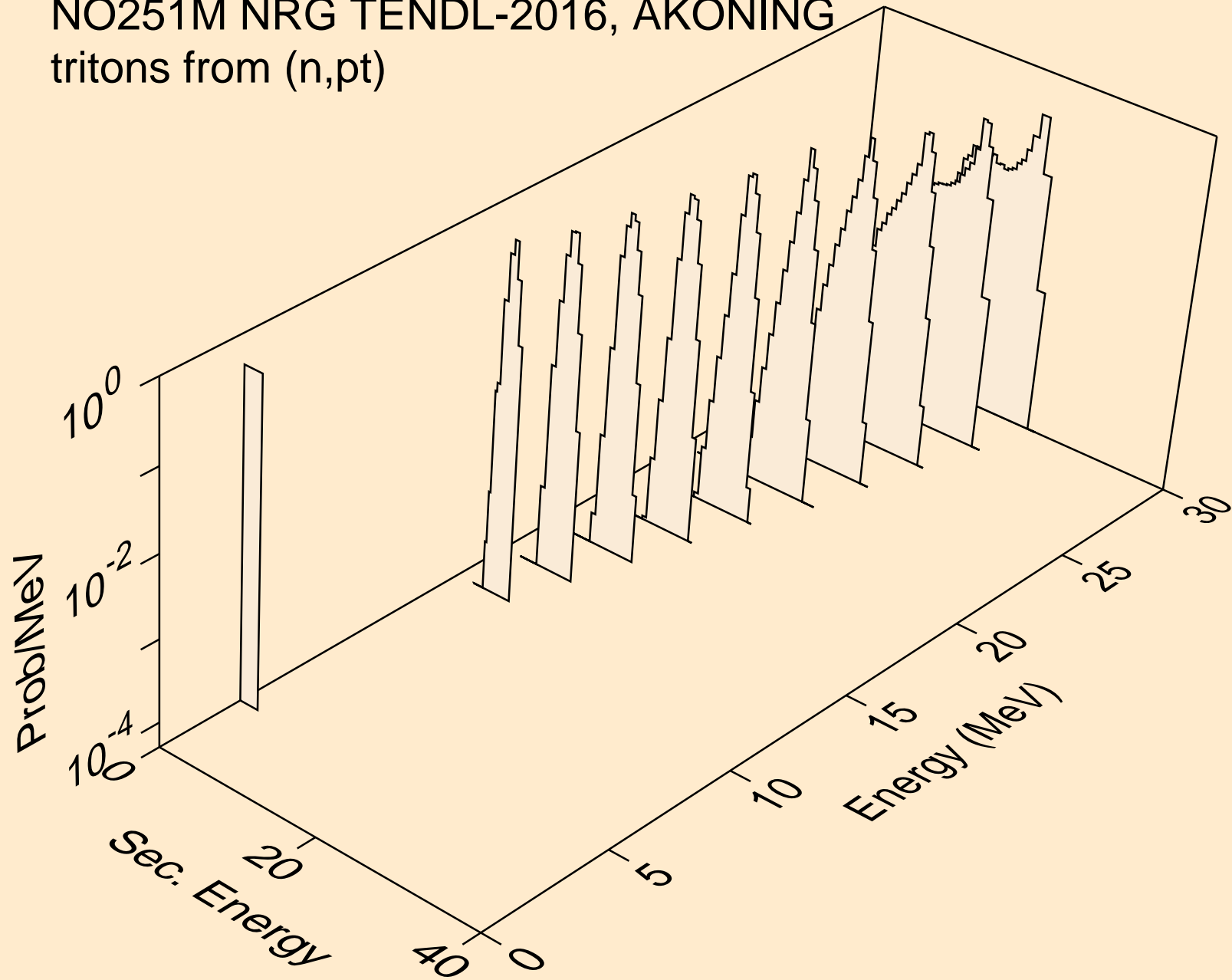
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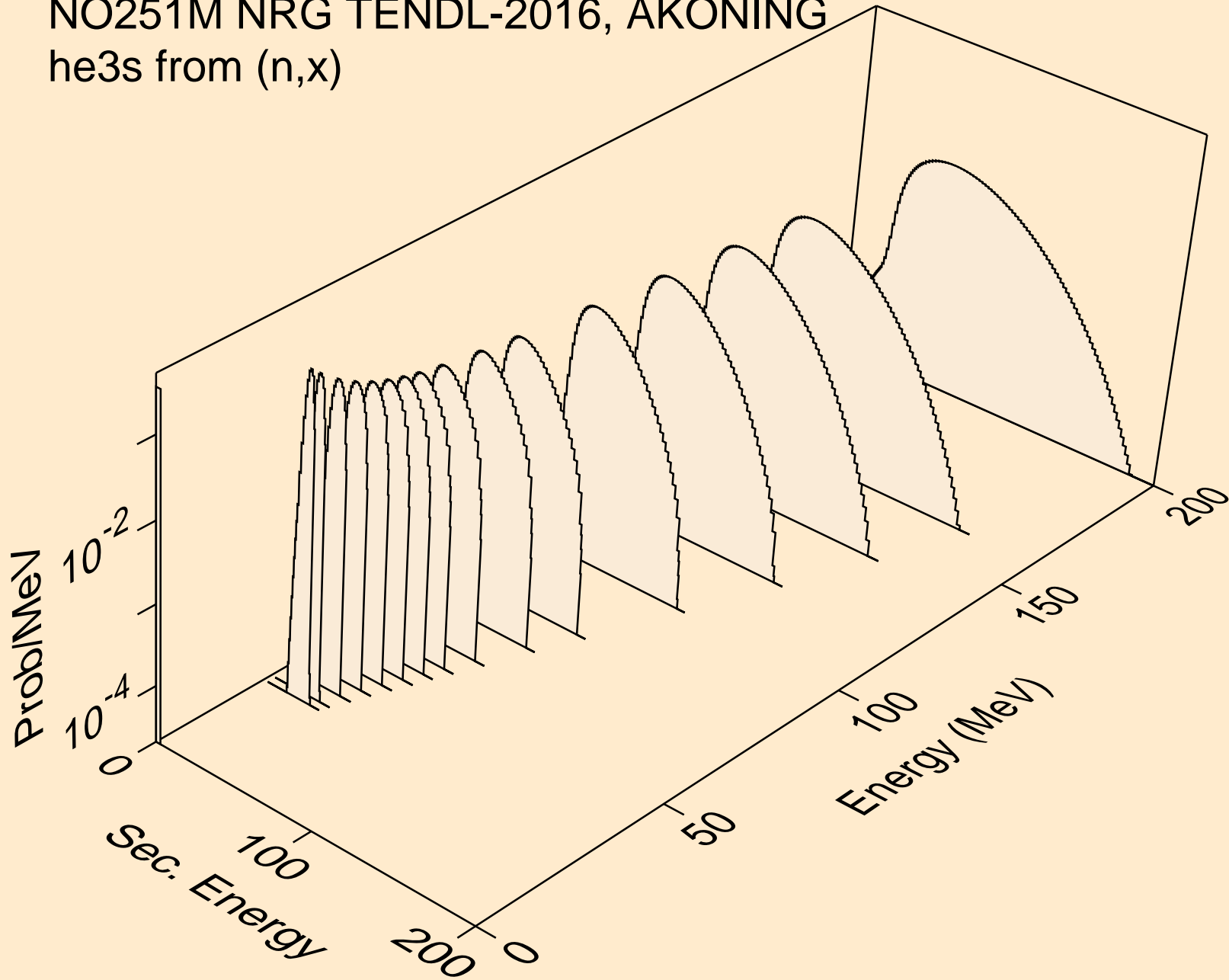
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tritons from (n,t2a)



NO251M NRG TENDL-2016, AKONING  
tritons from (n,pt)

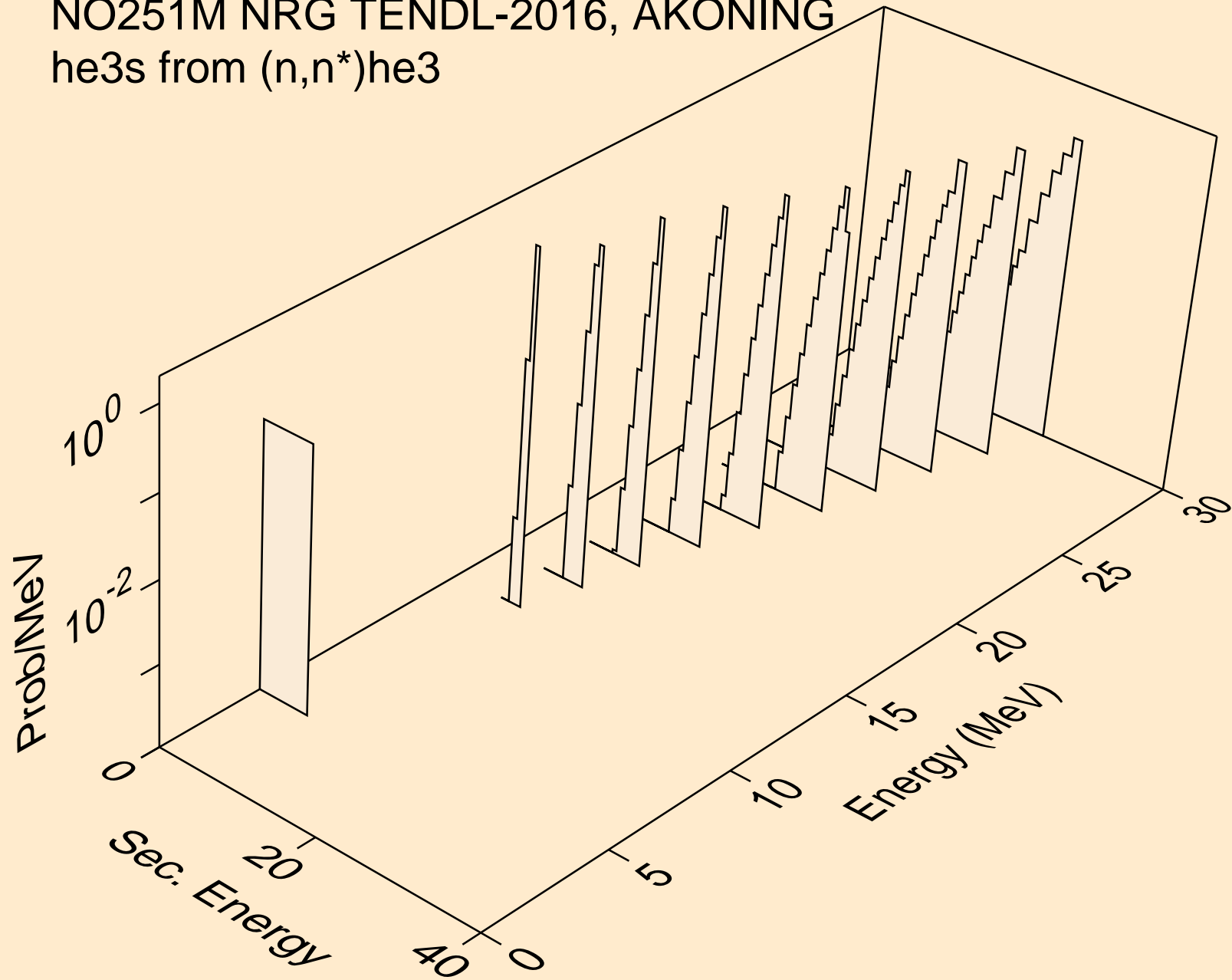


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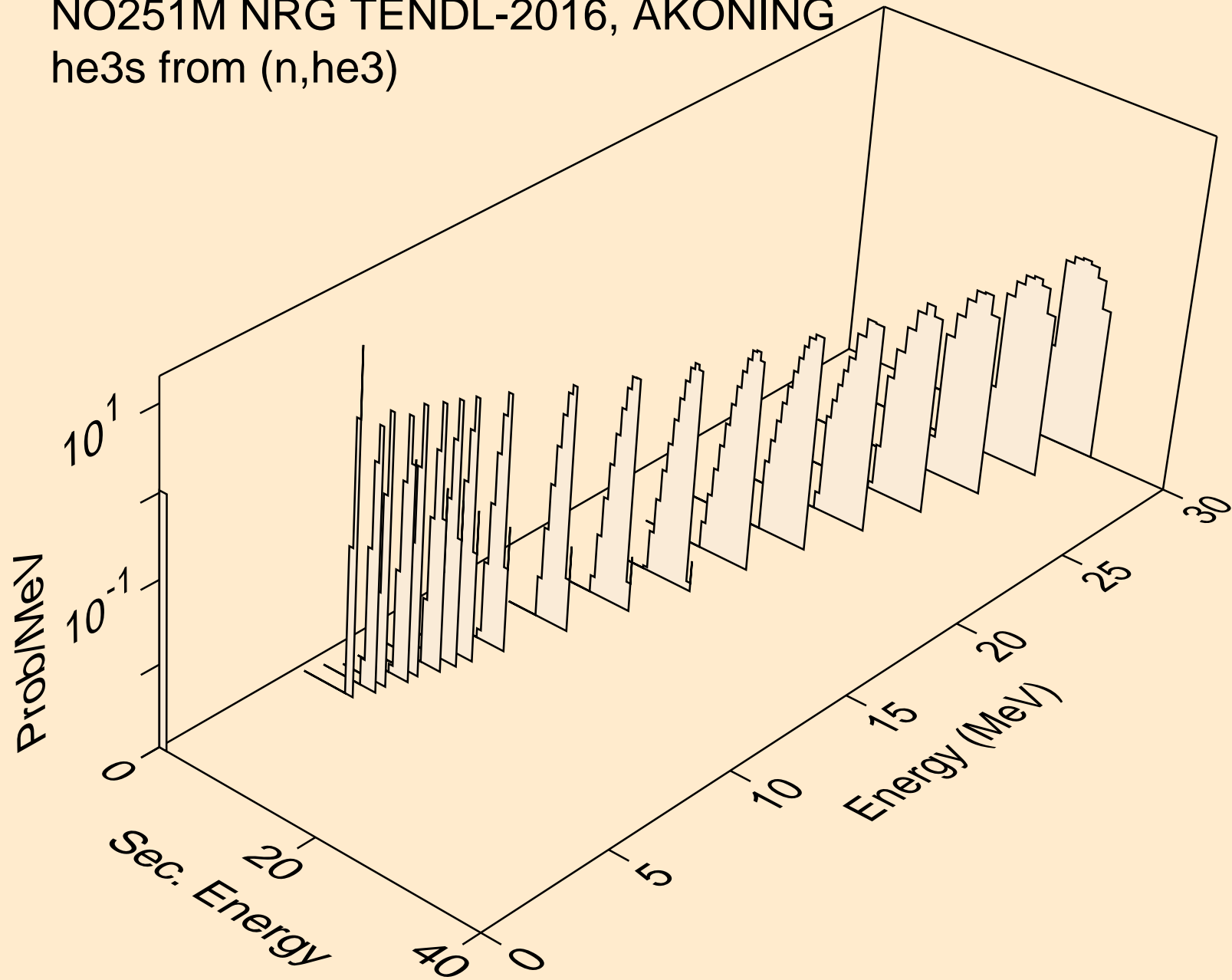




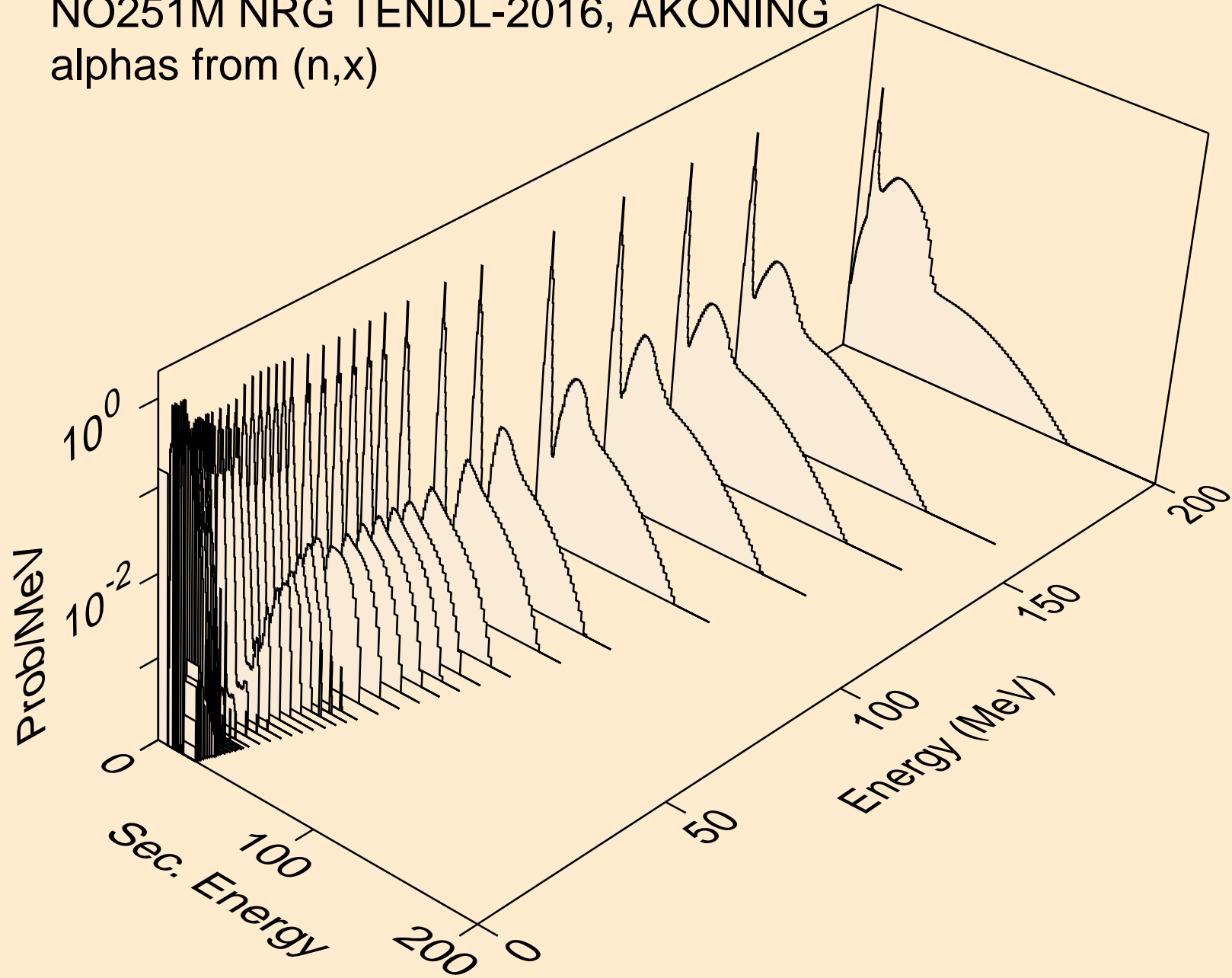
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he3s from (n,n\*)he3



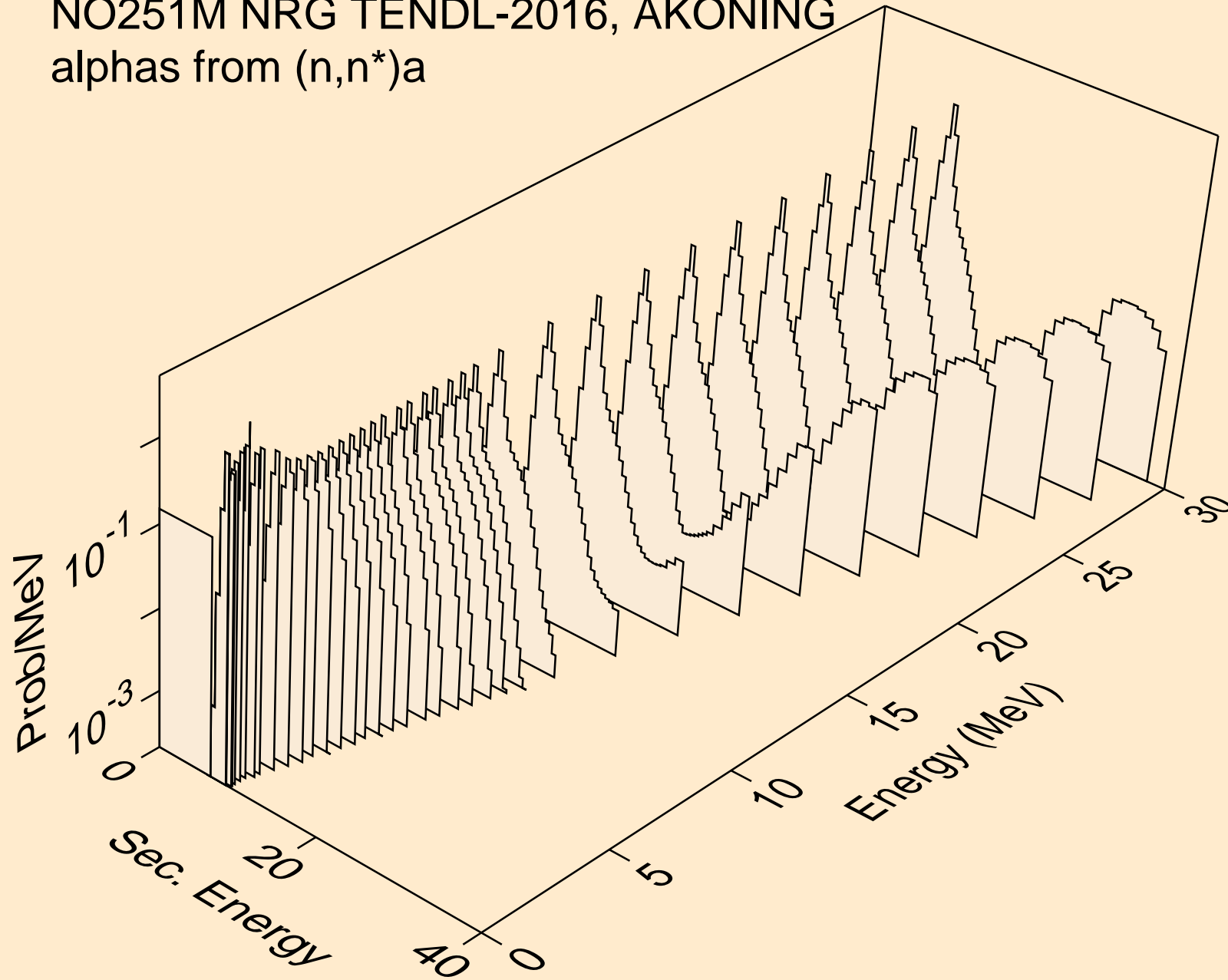
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he3s from (n,he3)



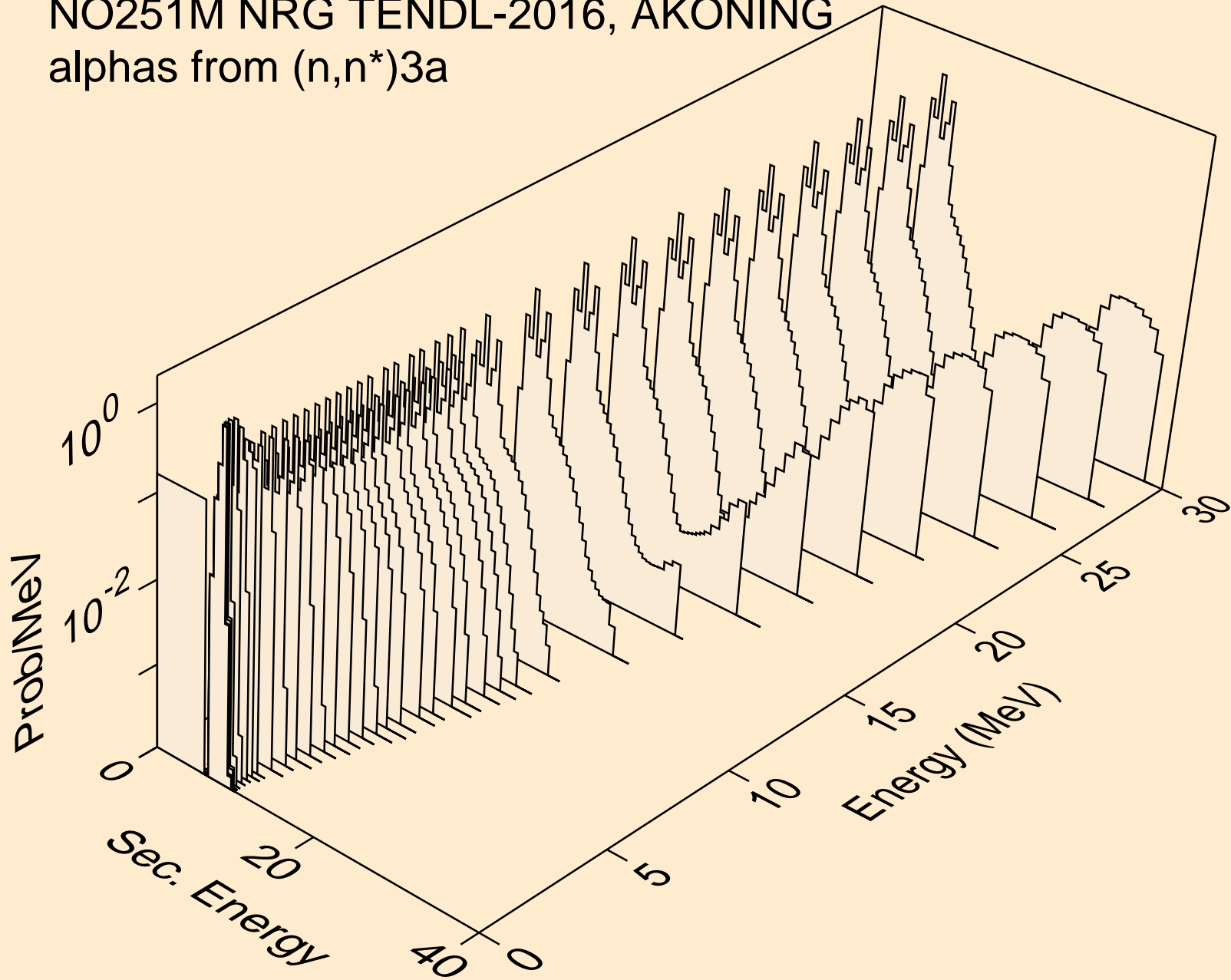
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alphas from (n,x)



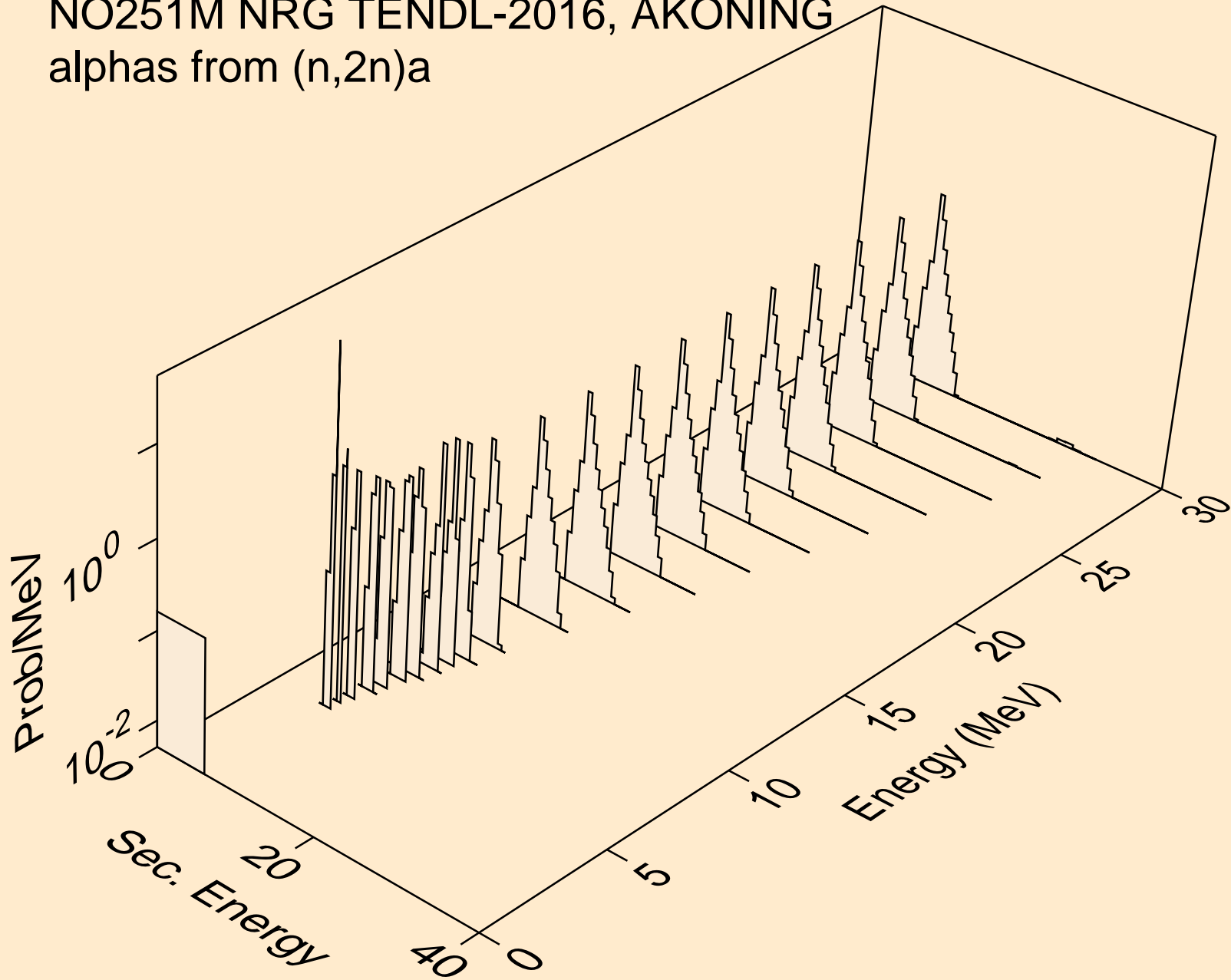
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alphas from (n,n\*)a



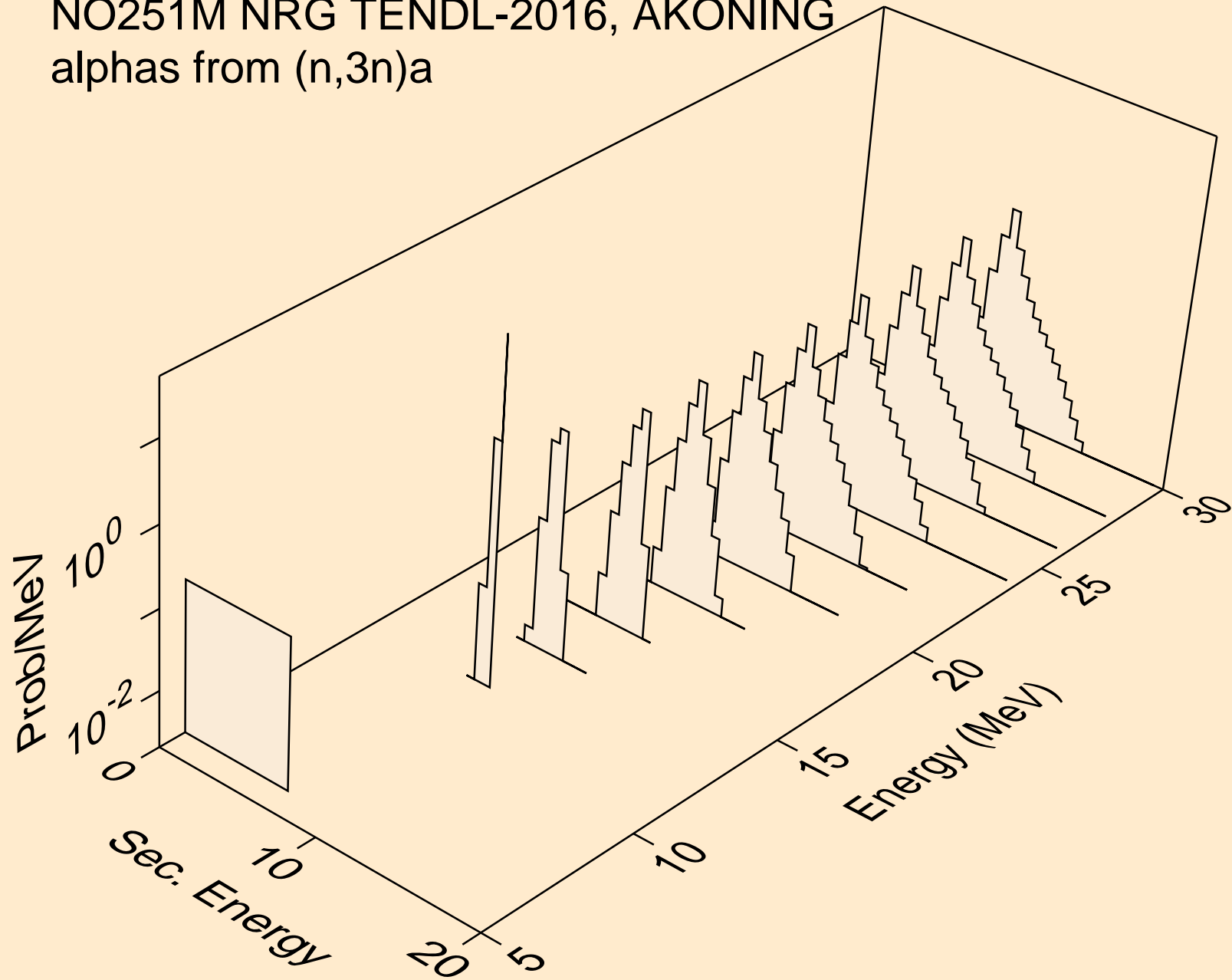
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alphas from (n,n\*)3a



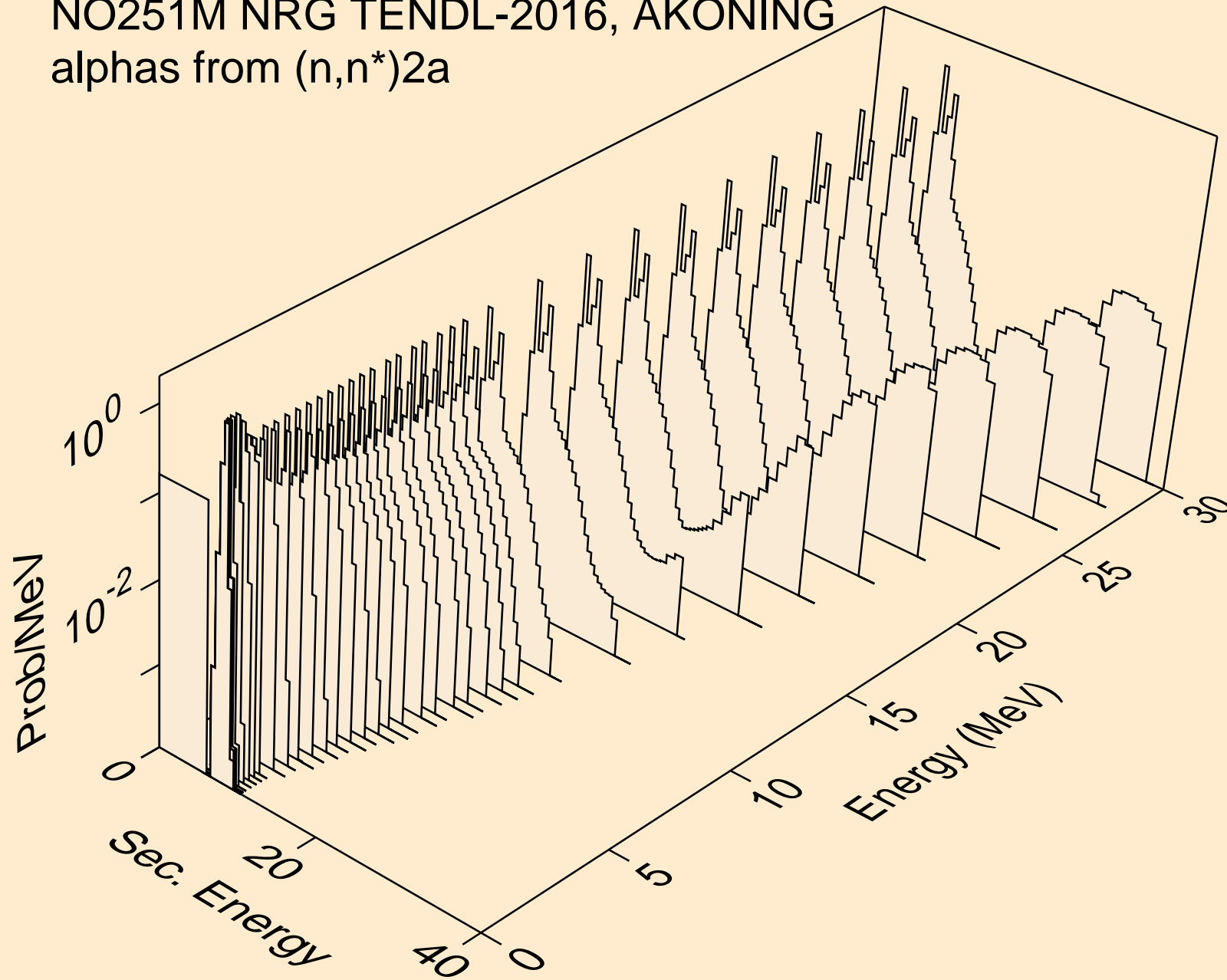
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alphas from (n,2n)a



NO251M NRG TENDL-2016, AKONING  
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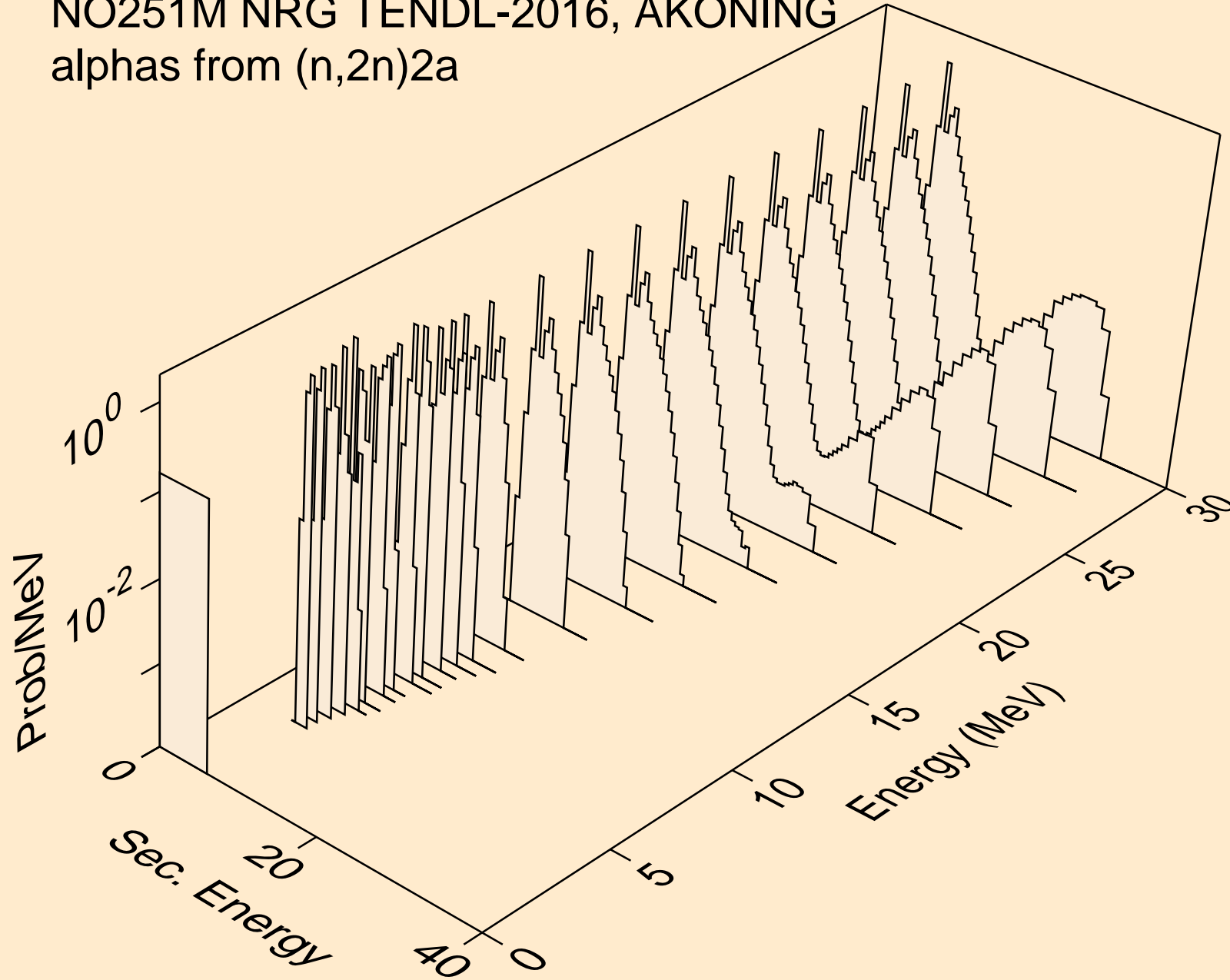


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alphas from (n,n\*)2a

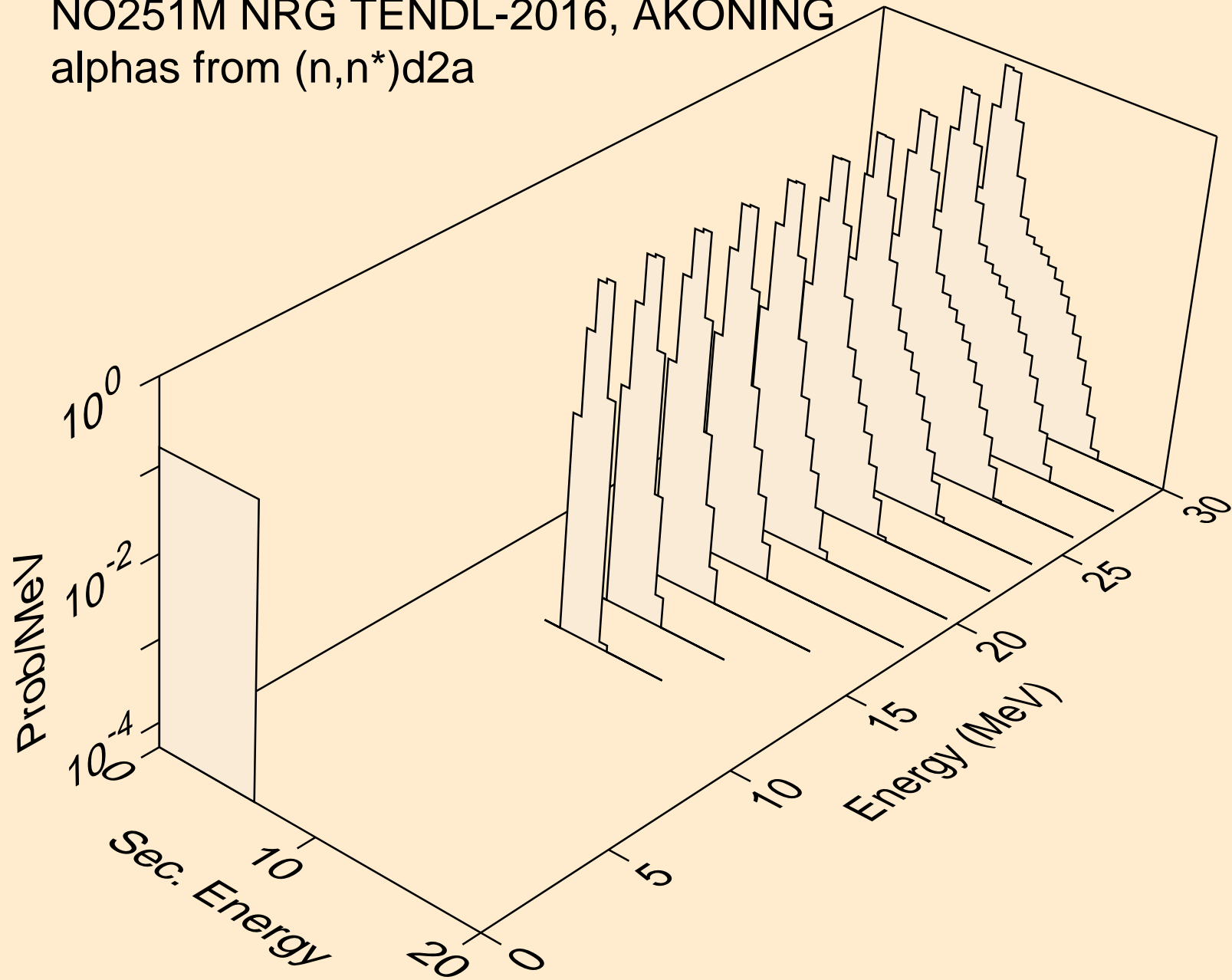




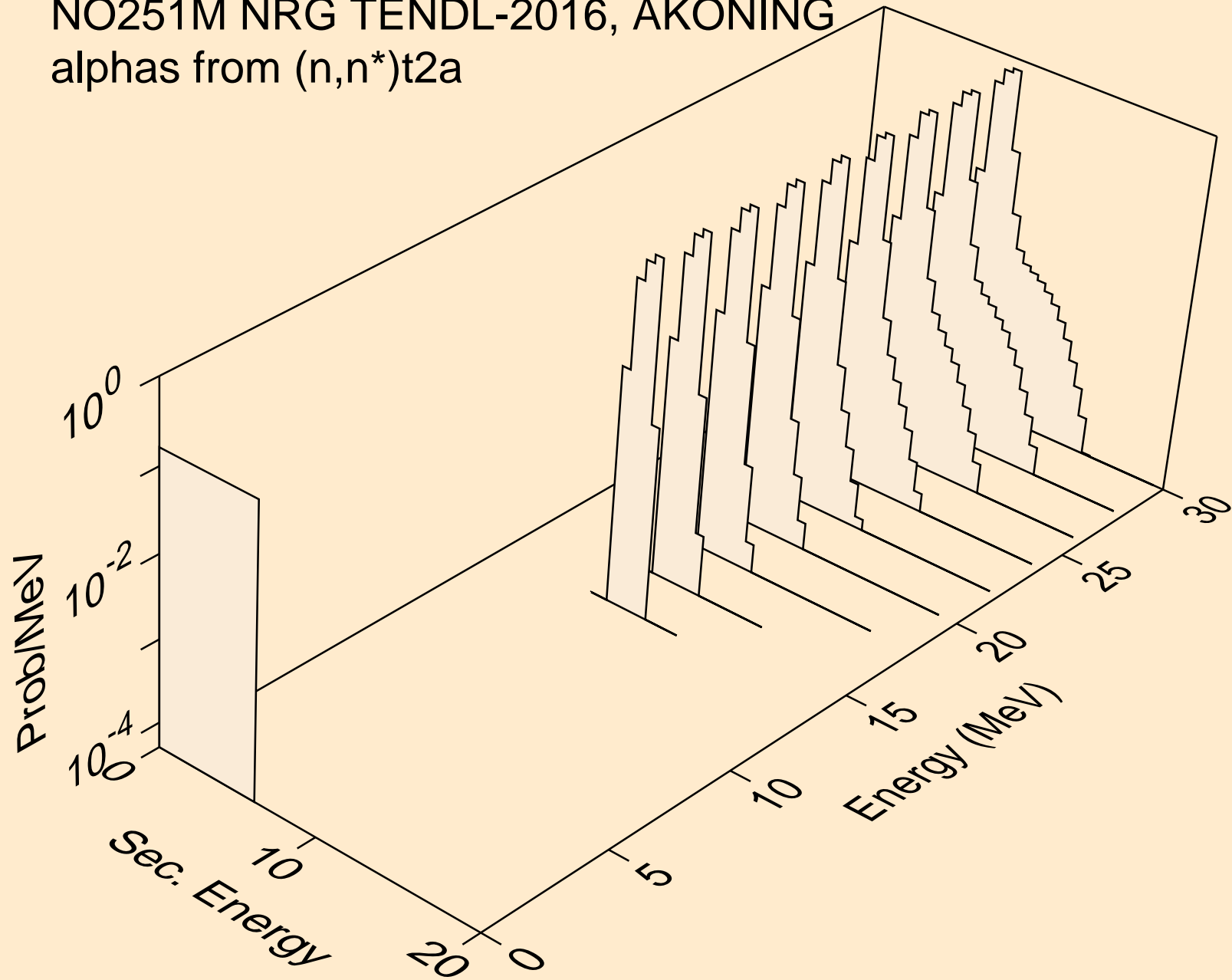
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alphas from (n,2n)2a



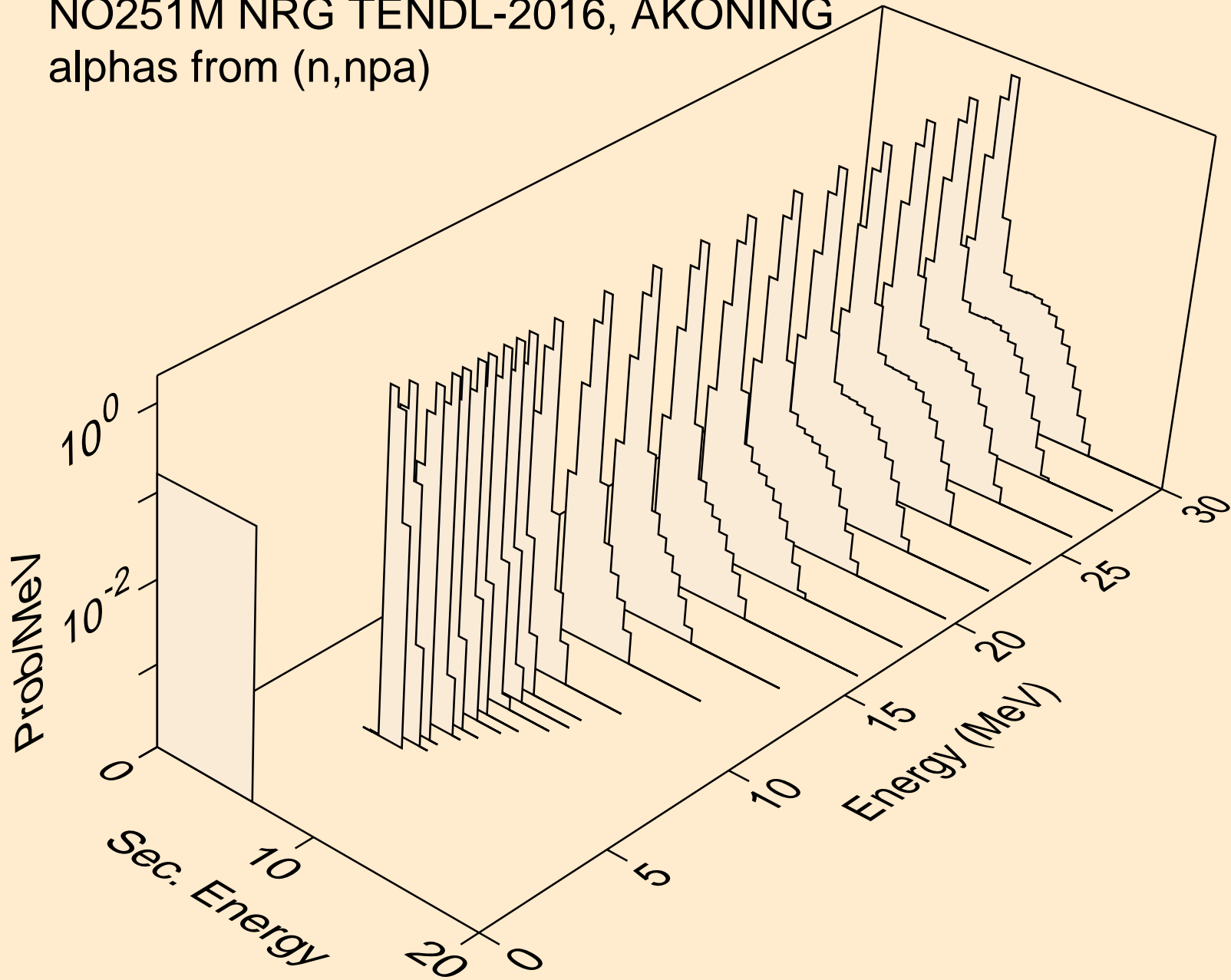
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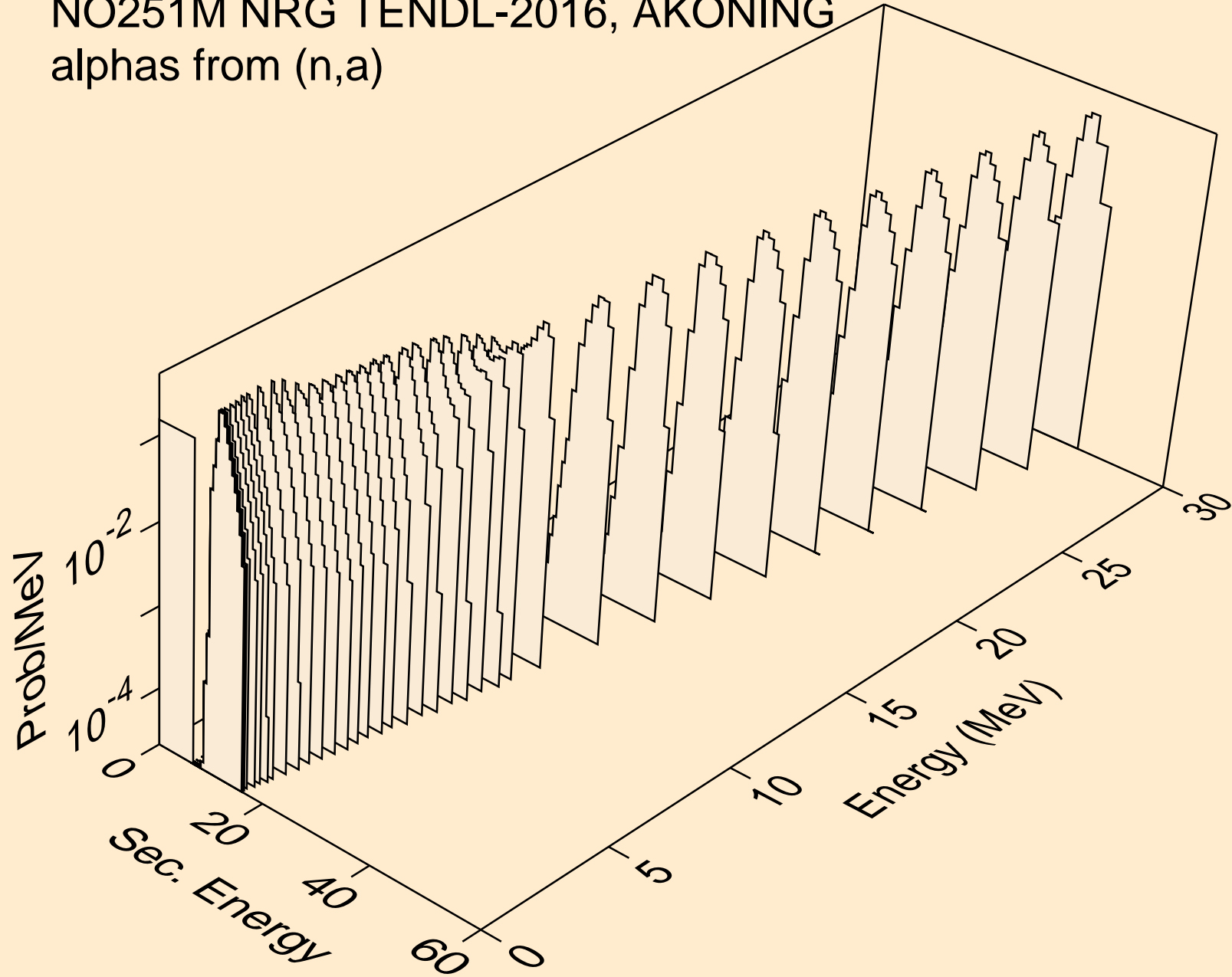
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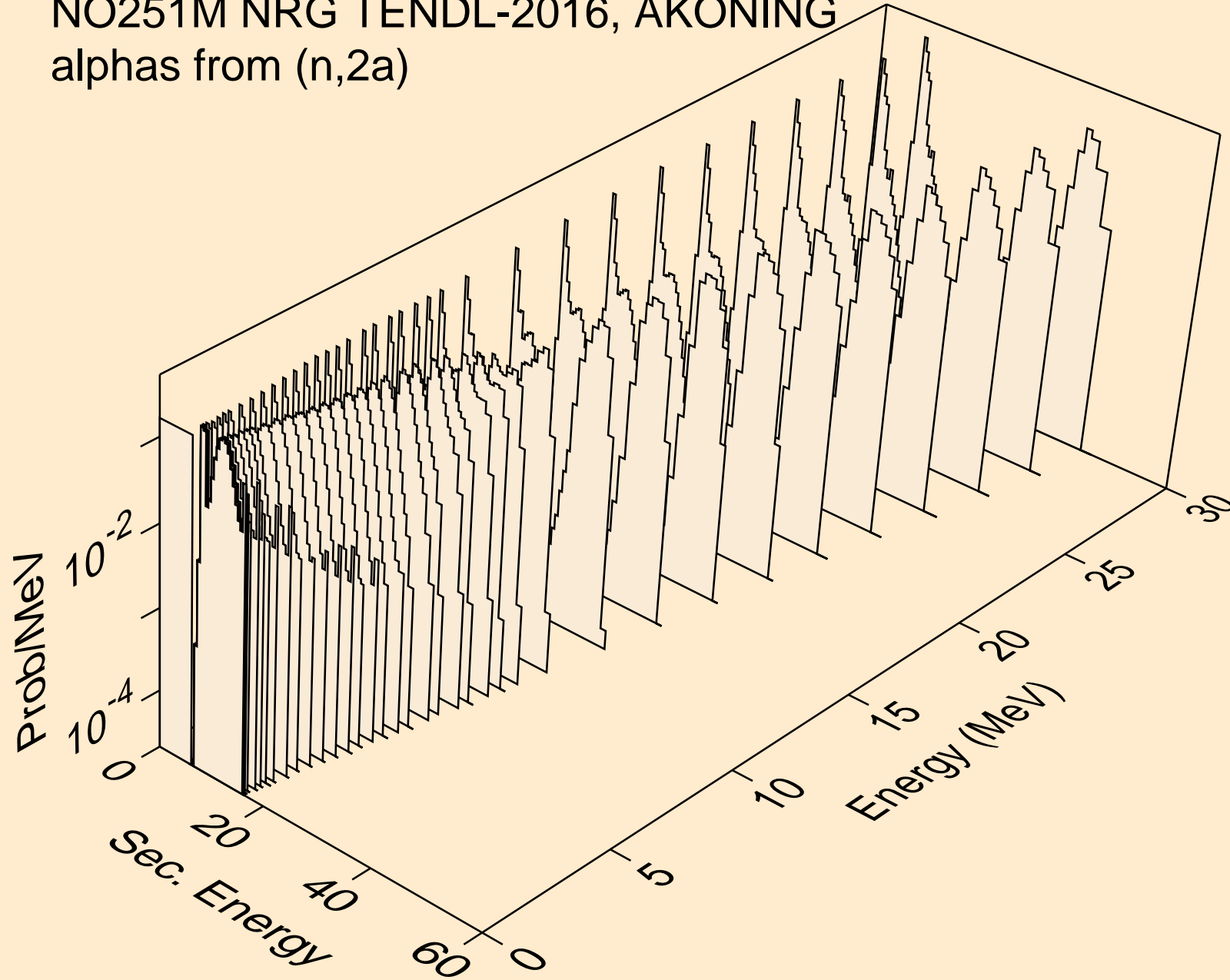
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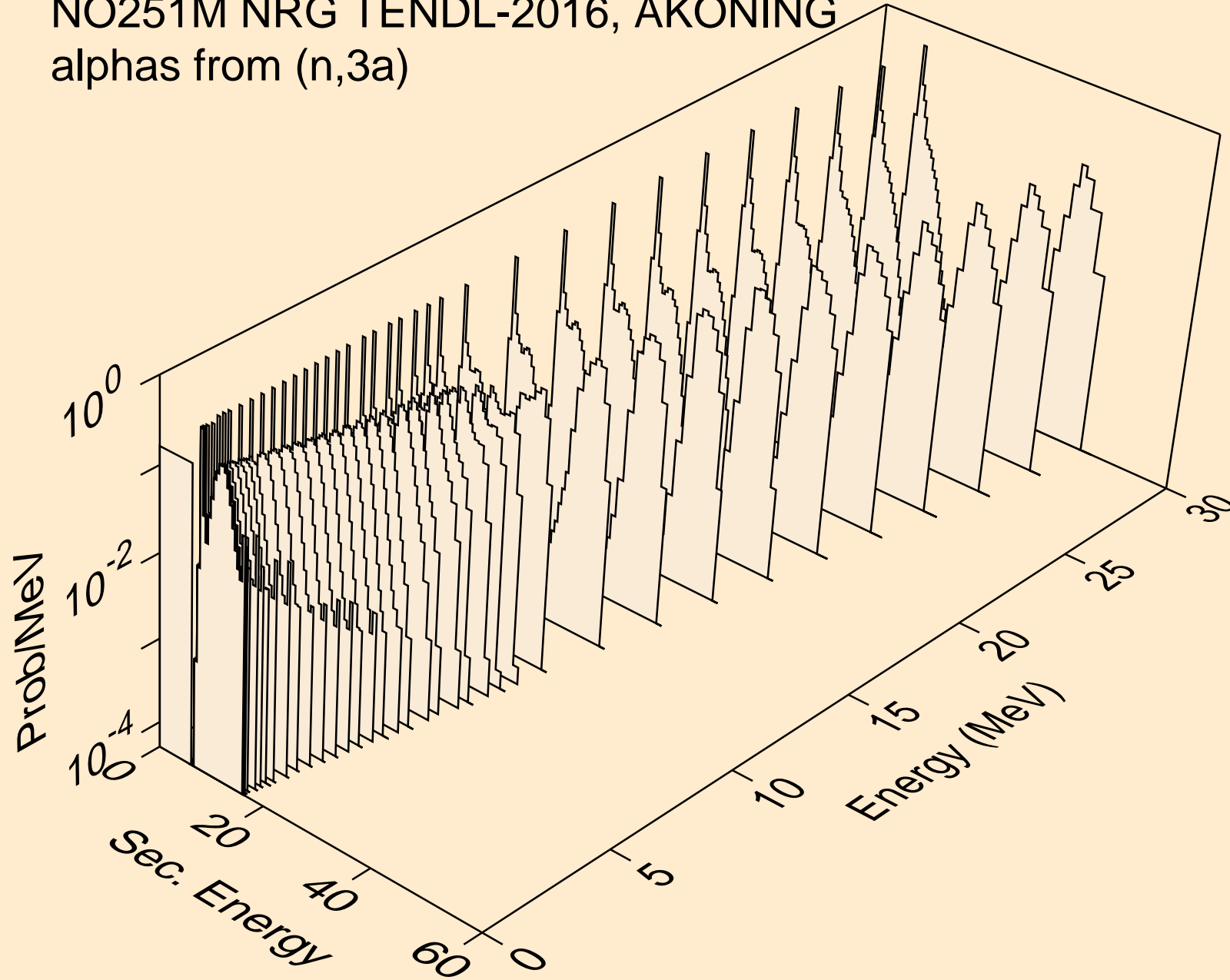
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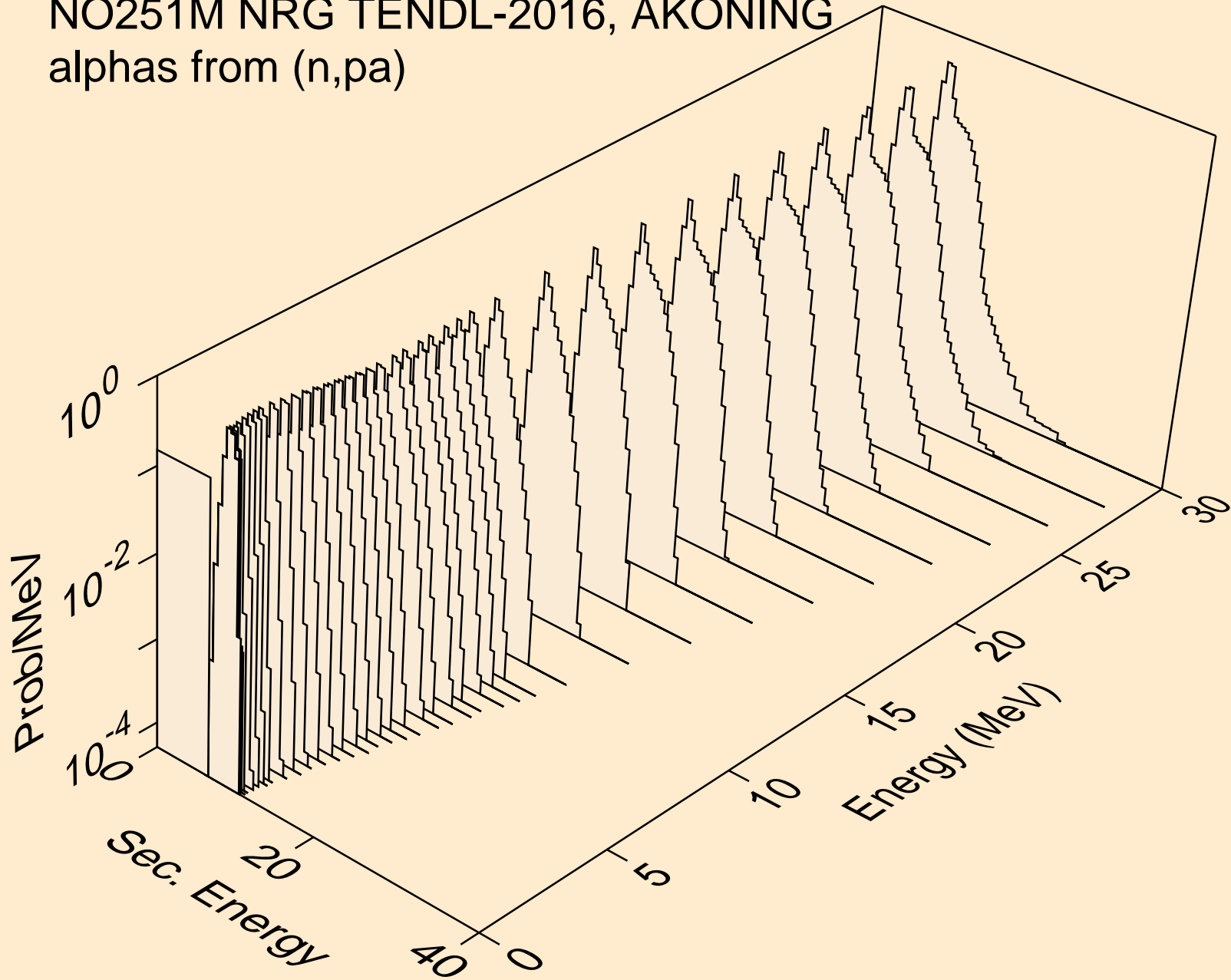
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alphas from (n,2a)



NO251M NRG TENDL-2016, AKONING  
alphas from (n,3a)

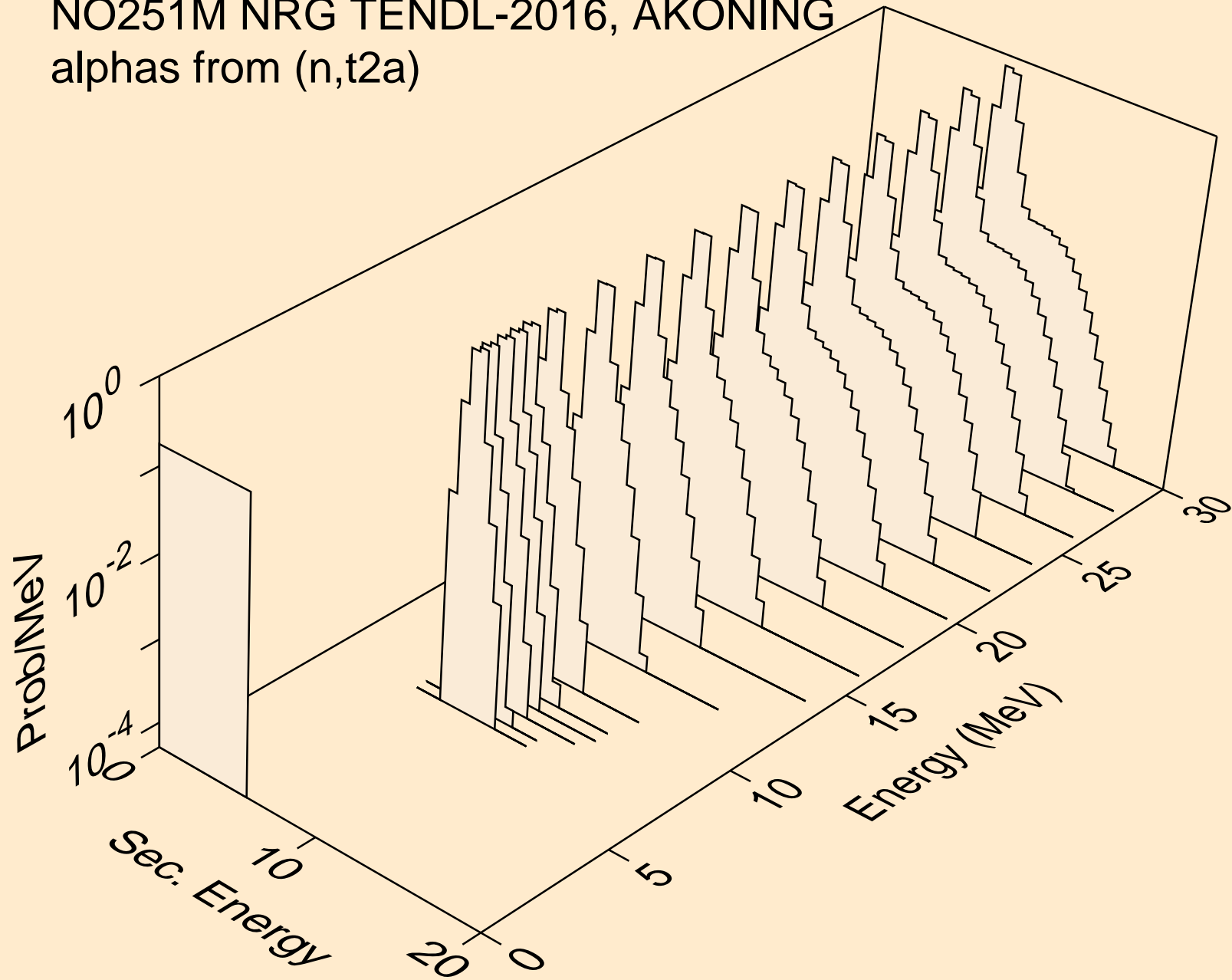


NO251M NRG TENDL-2016, AKONING  
alphas from (n,pa)

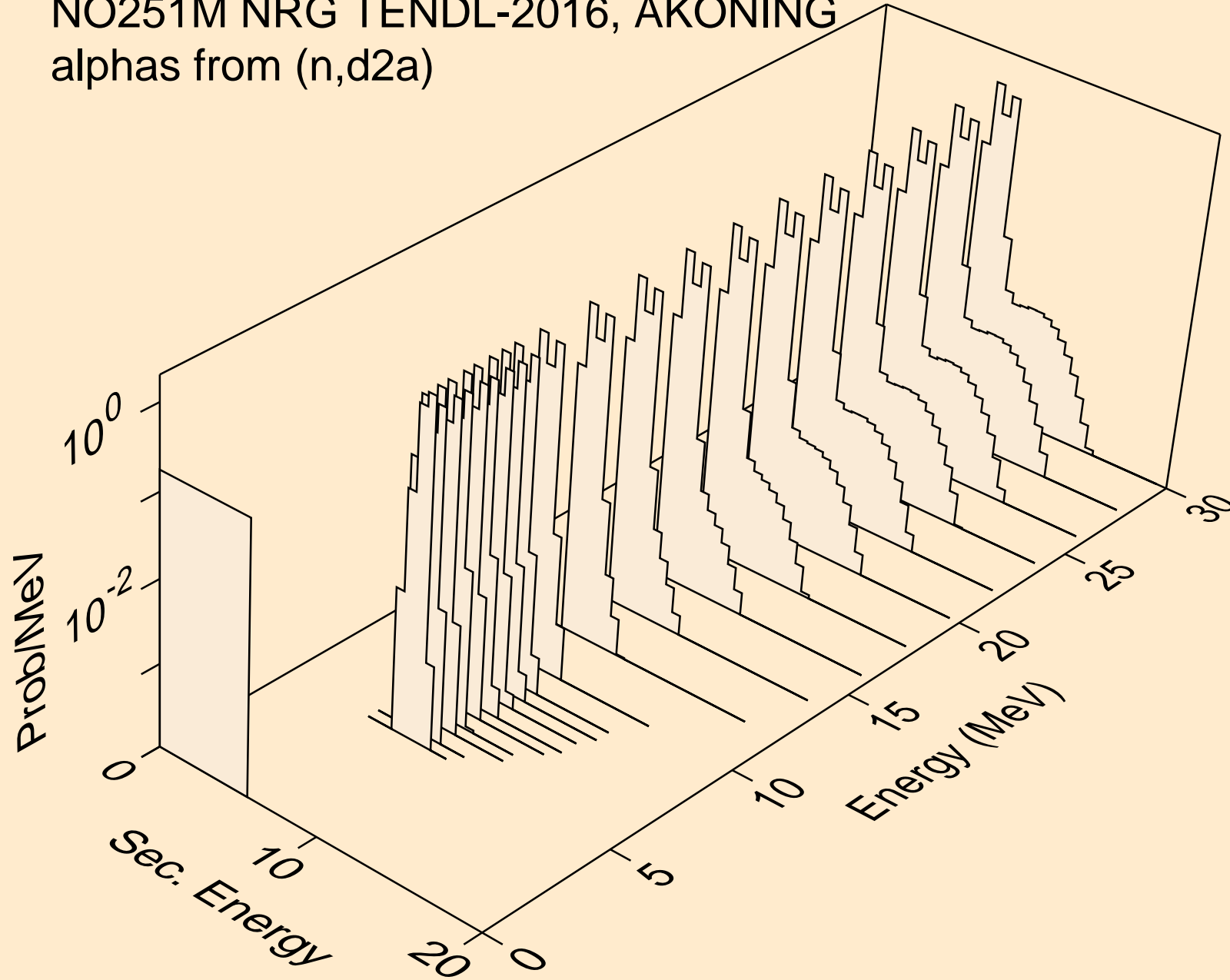




NO251M NRG TENDL-2016, AKONING  
alphas from (n,t2a)



NO251M NRG TENDL-2016, AKONING  
alphas from (n,d2a)



NO251M NRG TENDL-2016, AKONING  
alphas from (n,da)

