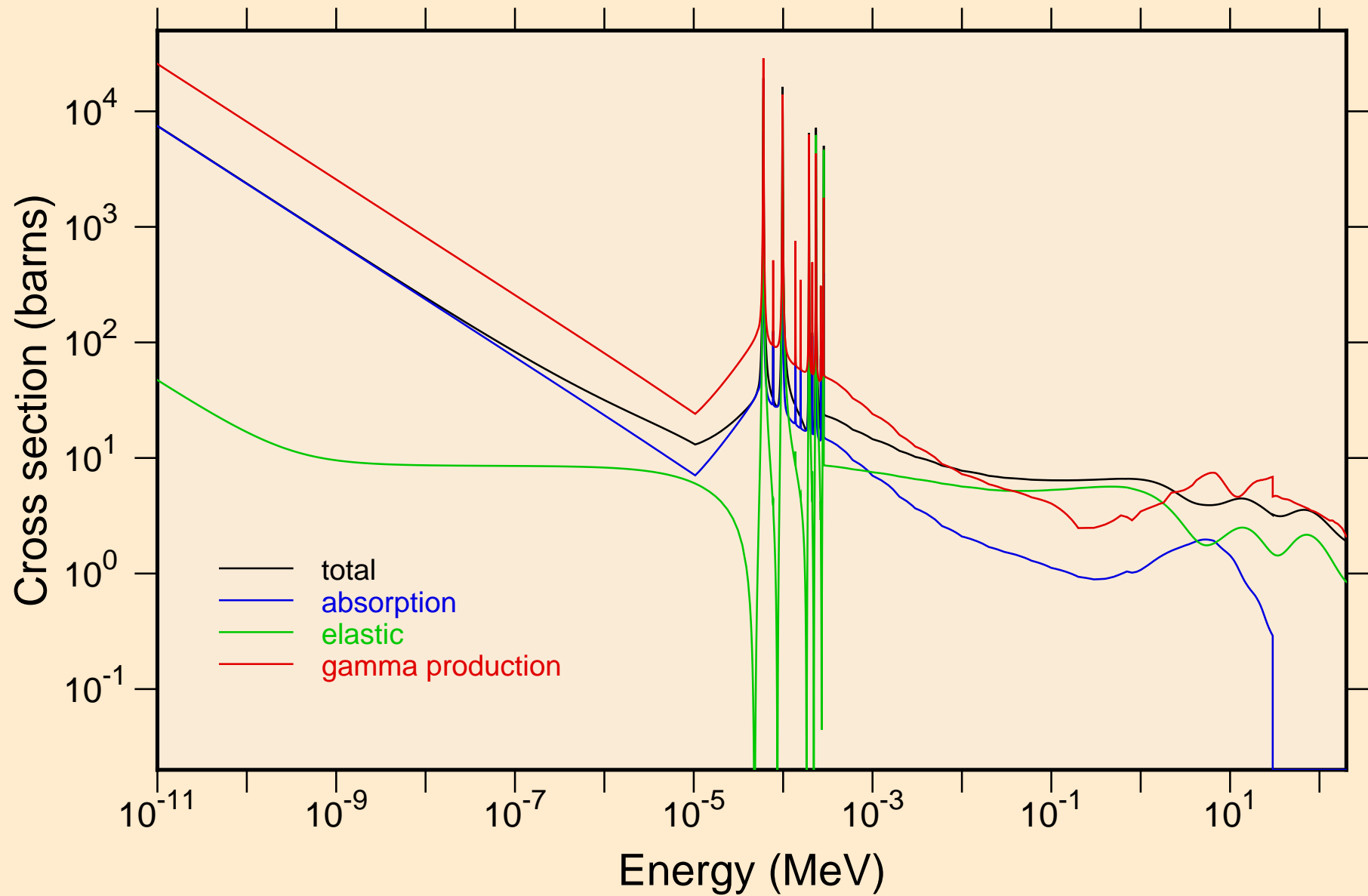
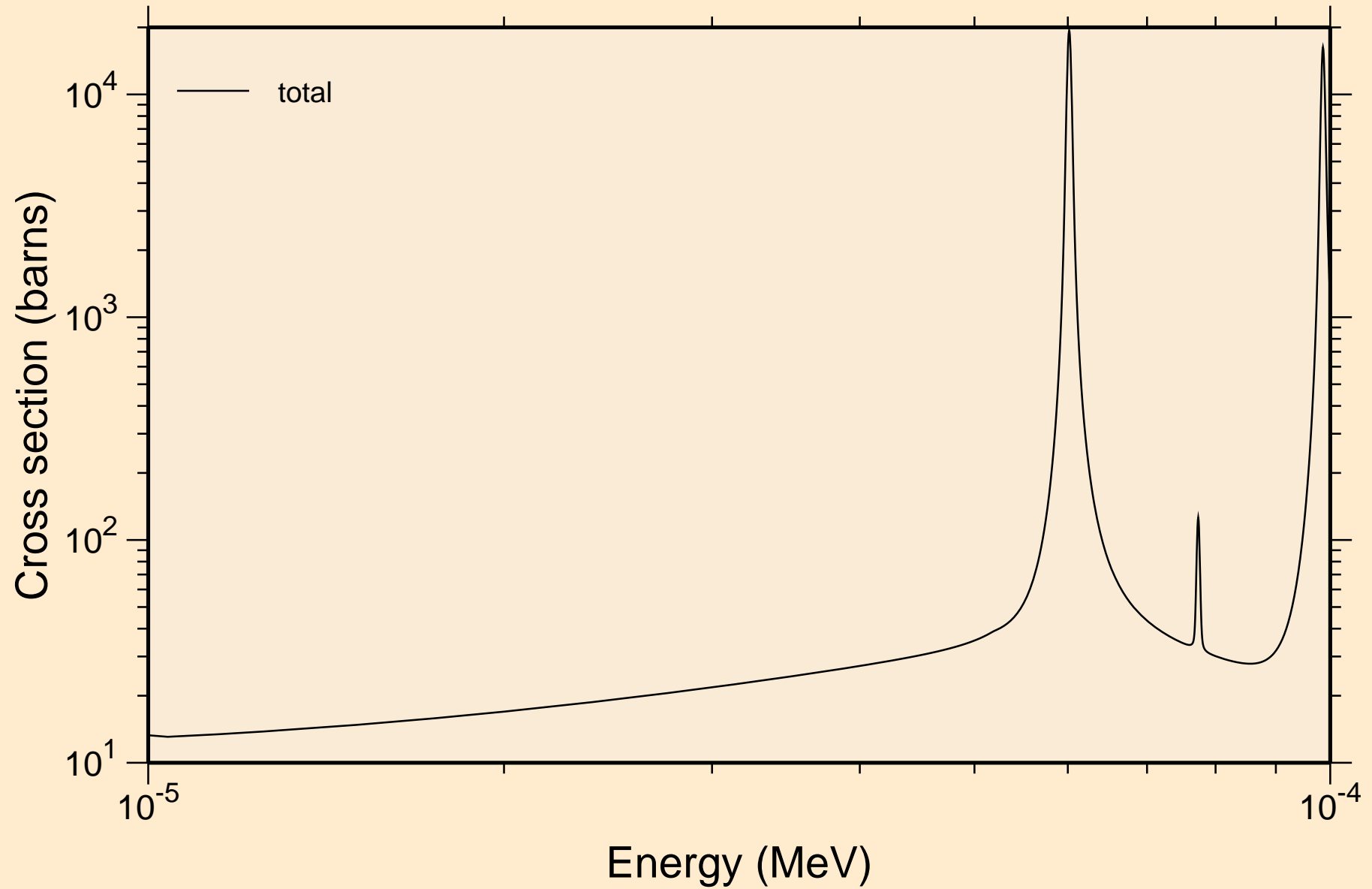


# TE112 NRG TENDL-2015, AKONING

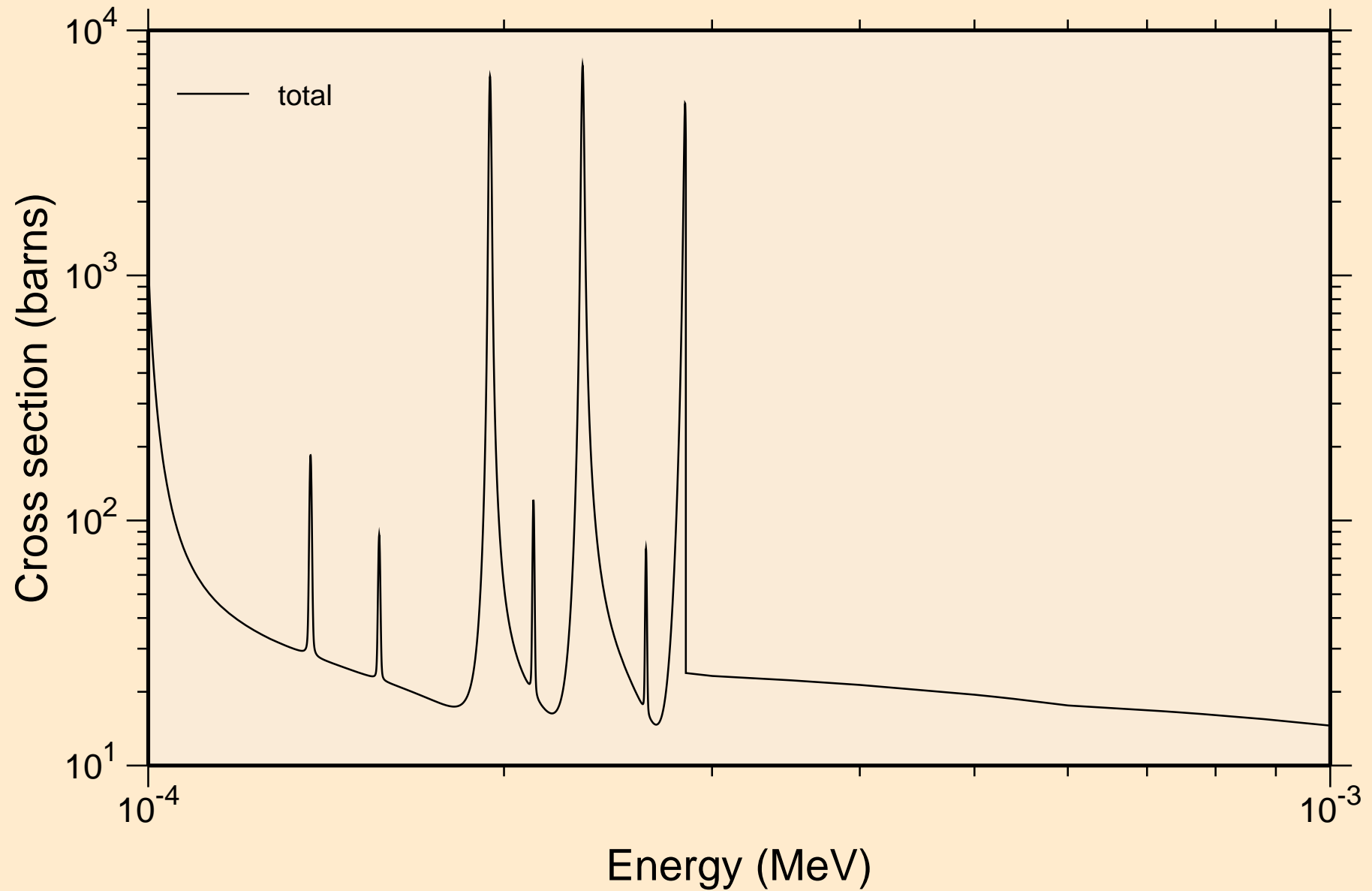
## Principal cross sections



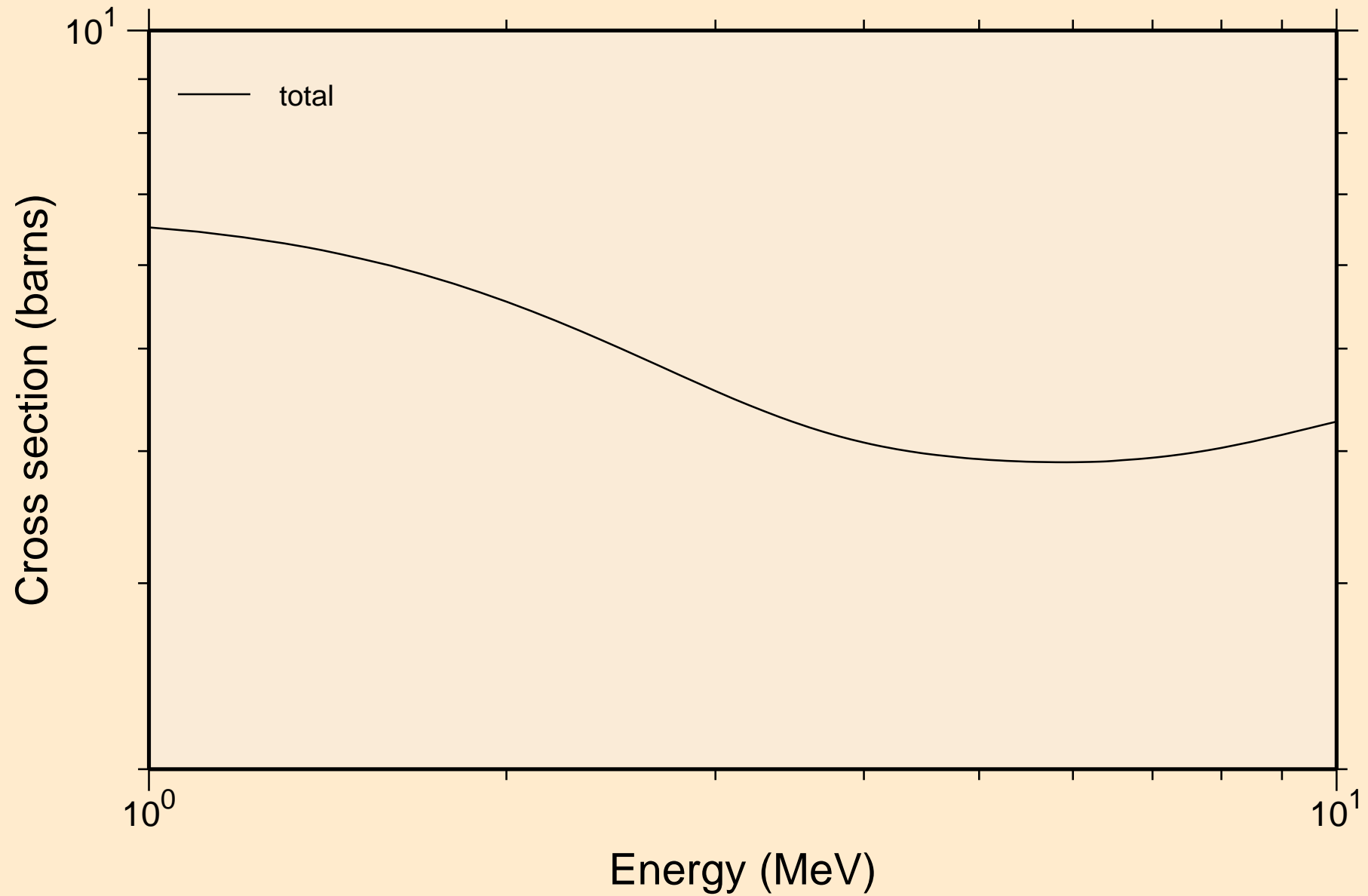
TE112 NRG TENDL-2015, AKONING  
resonance total cross section



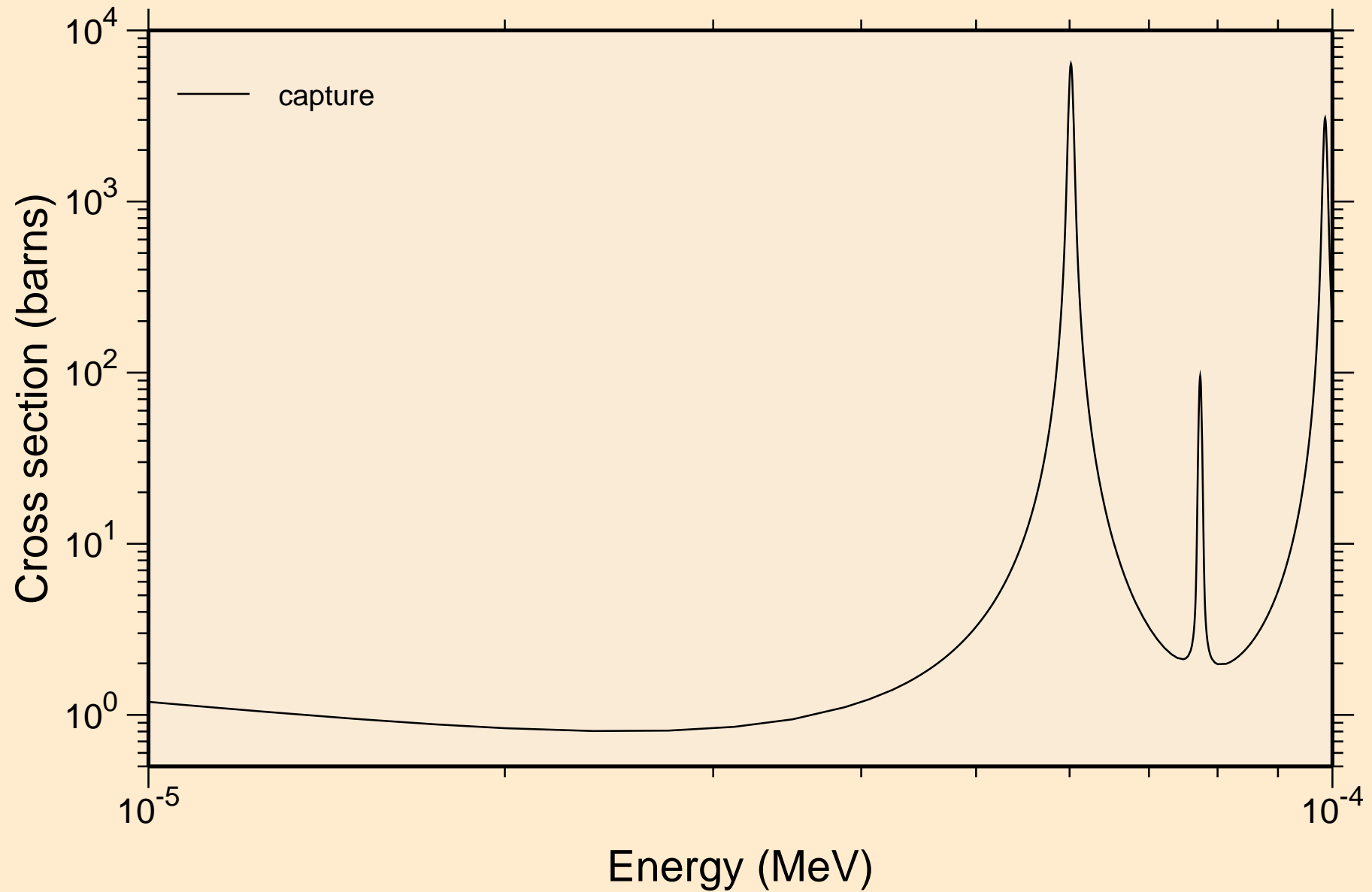
TE112 NRG TENDL-2015, AKONING  
resonance total cross section



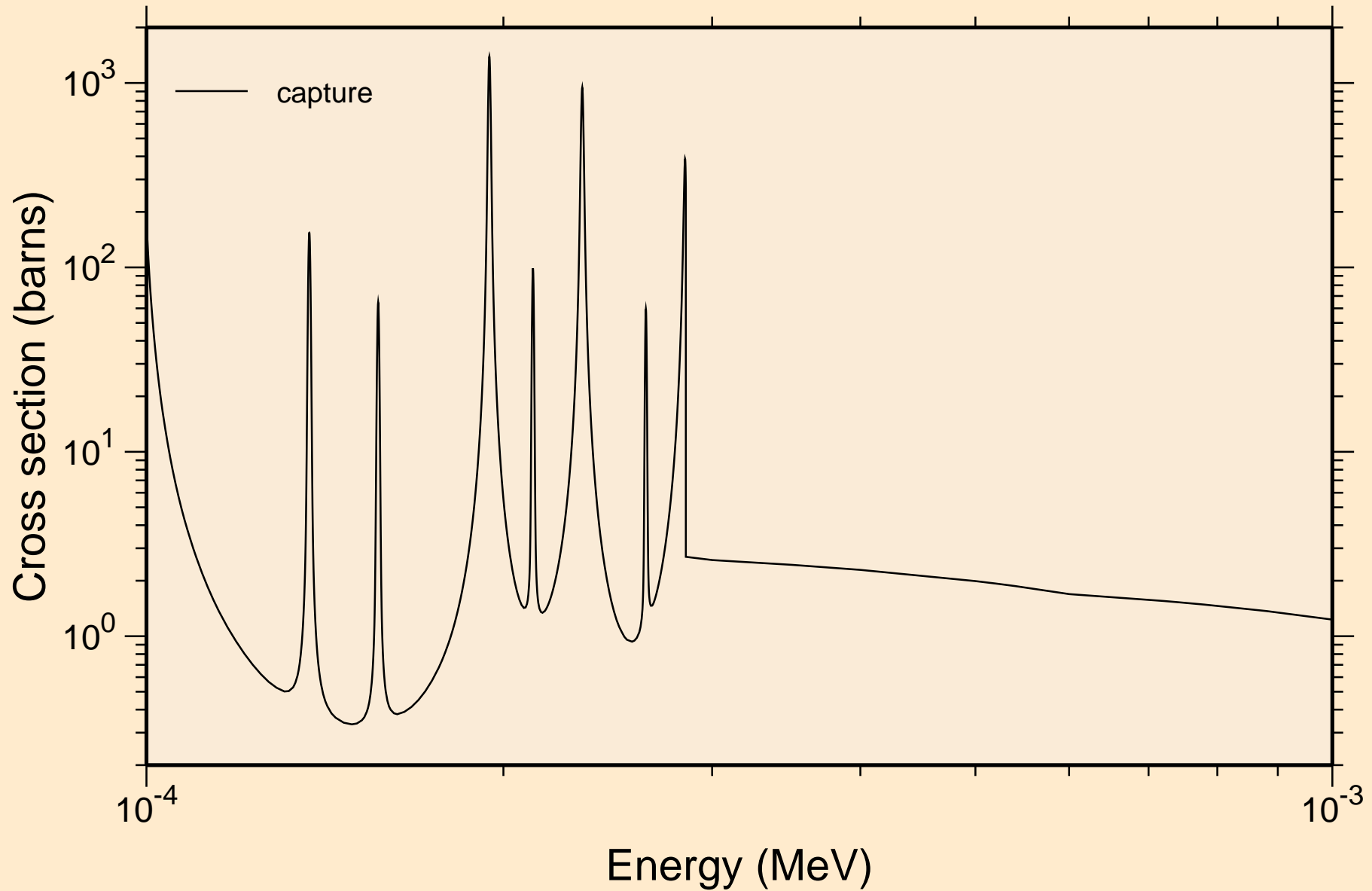
TE112 NRG TENDL-2015, AKONING  
resonance total cross section



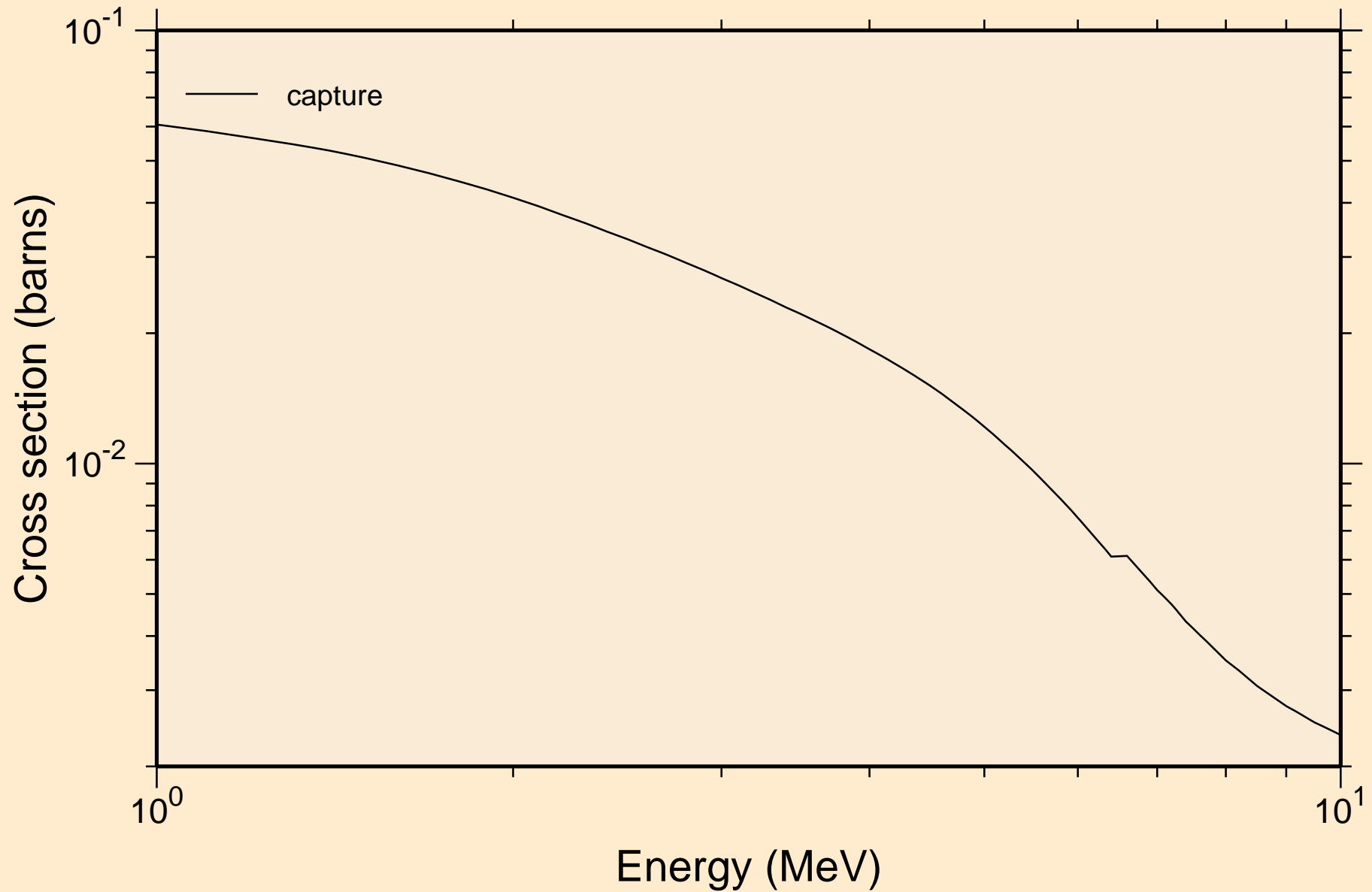
TE112 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TE112 NRG TENDL-2015, AKONING  
resonance absorption cross sections

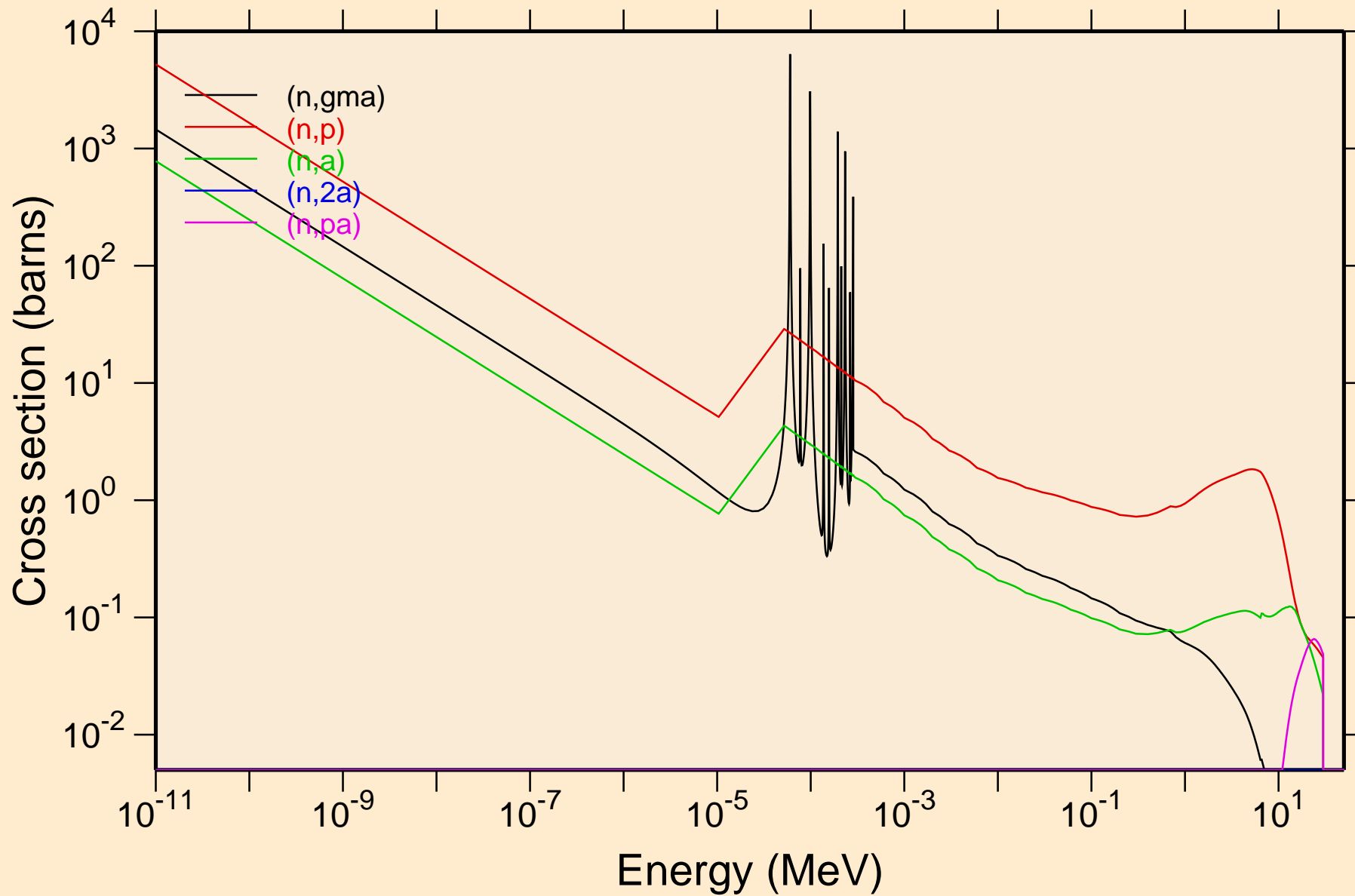


TE112 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# TE112 NRG TENDL-2015, AKONING

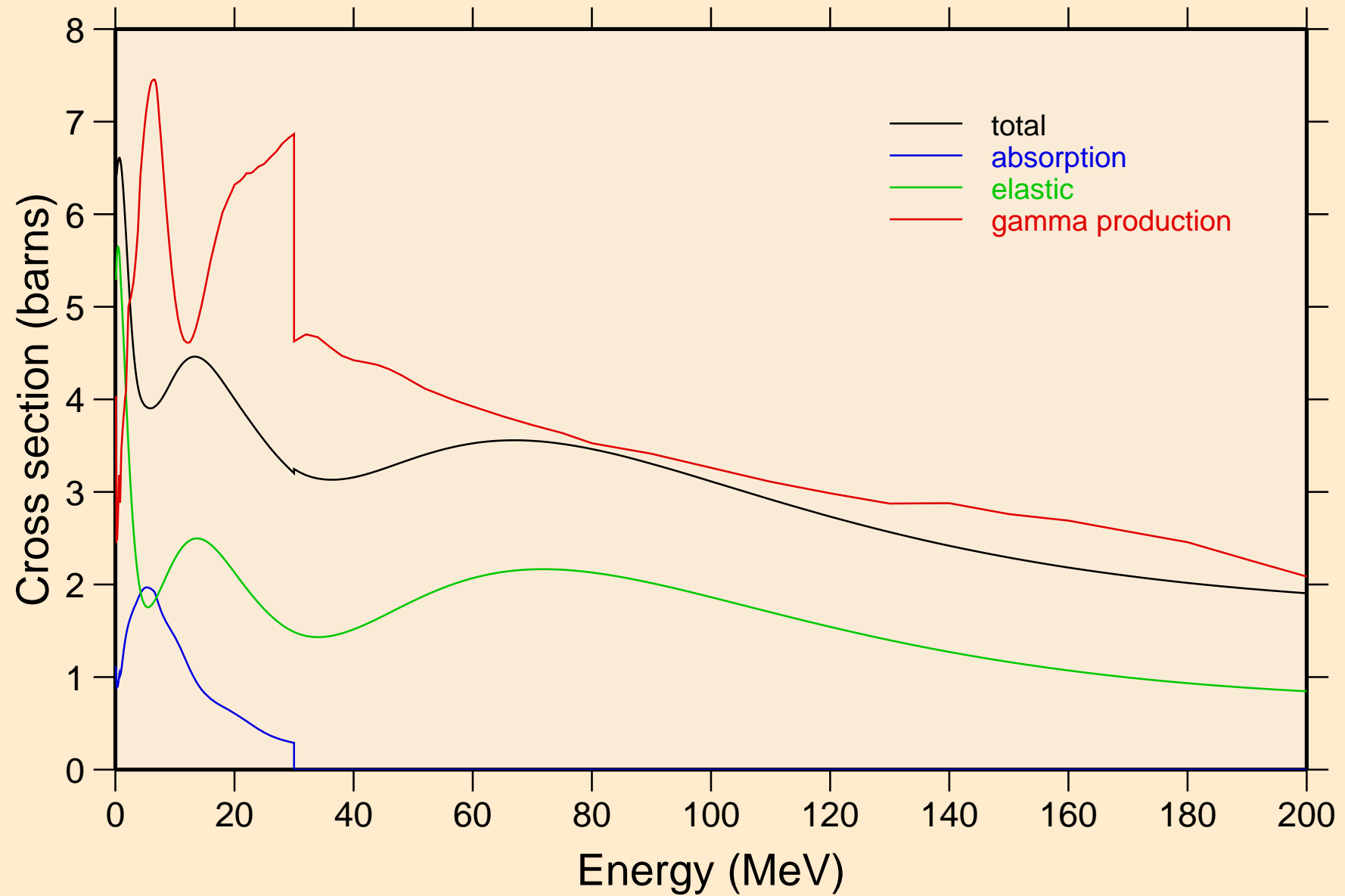
## Non-threshold reactions





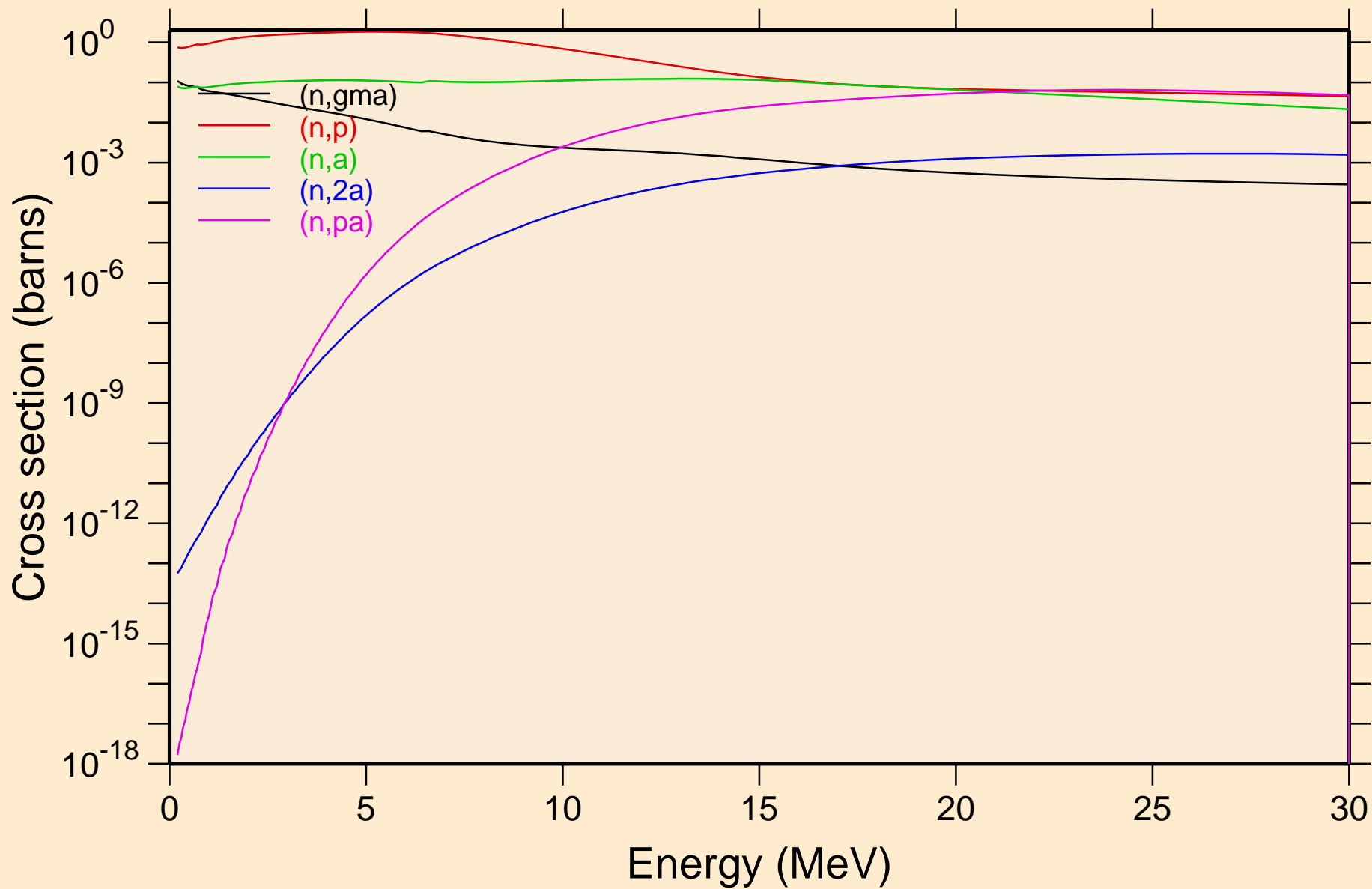
# TE112 NRG TENDL-2015, AKONING

## Principal cross sections



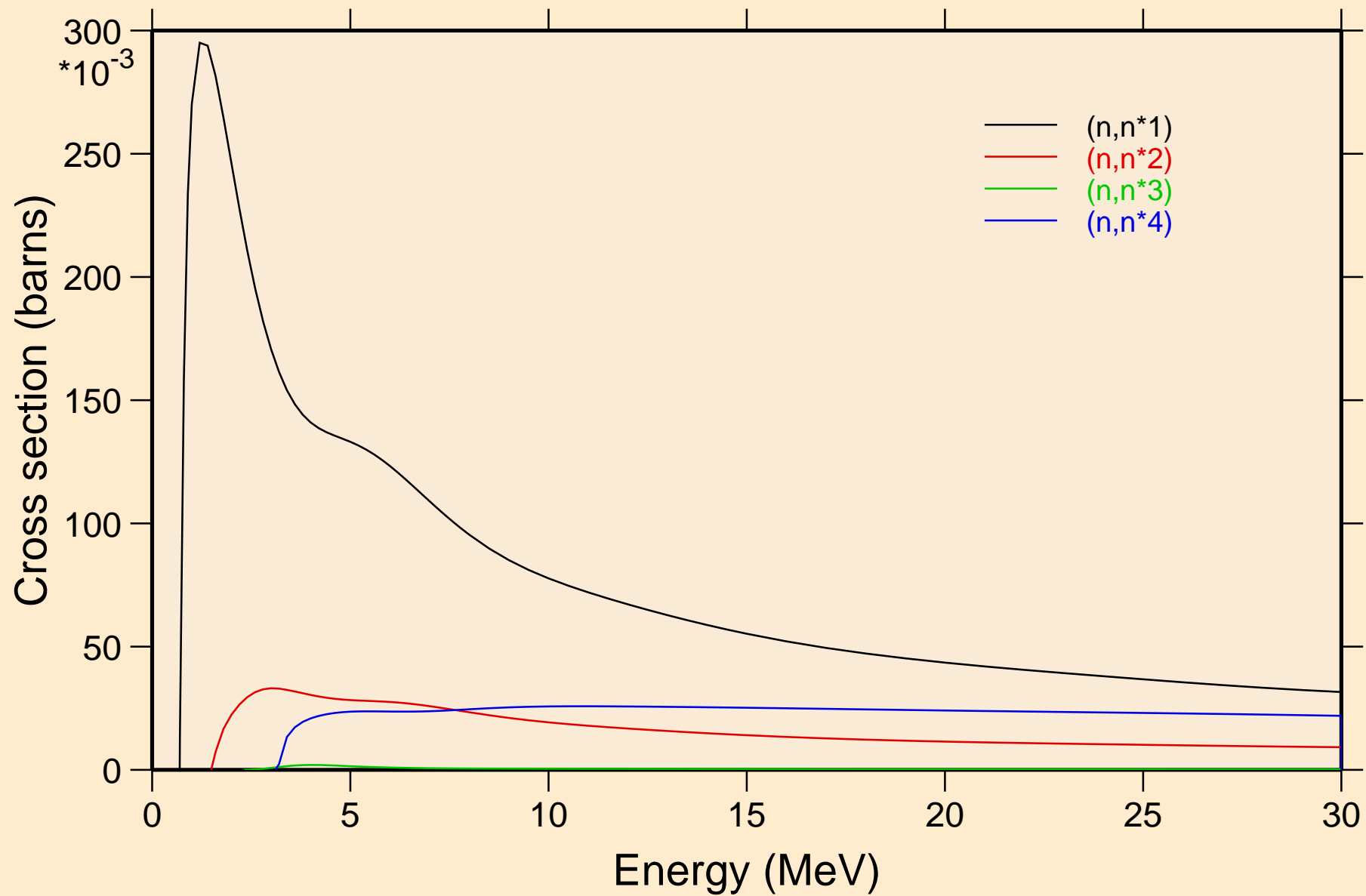
# TE112 NRG TENDL-2015, AKONING

## Non-threshold reactions



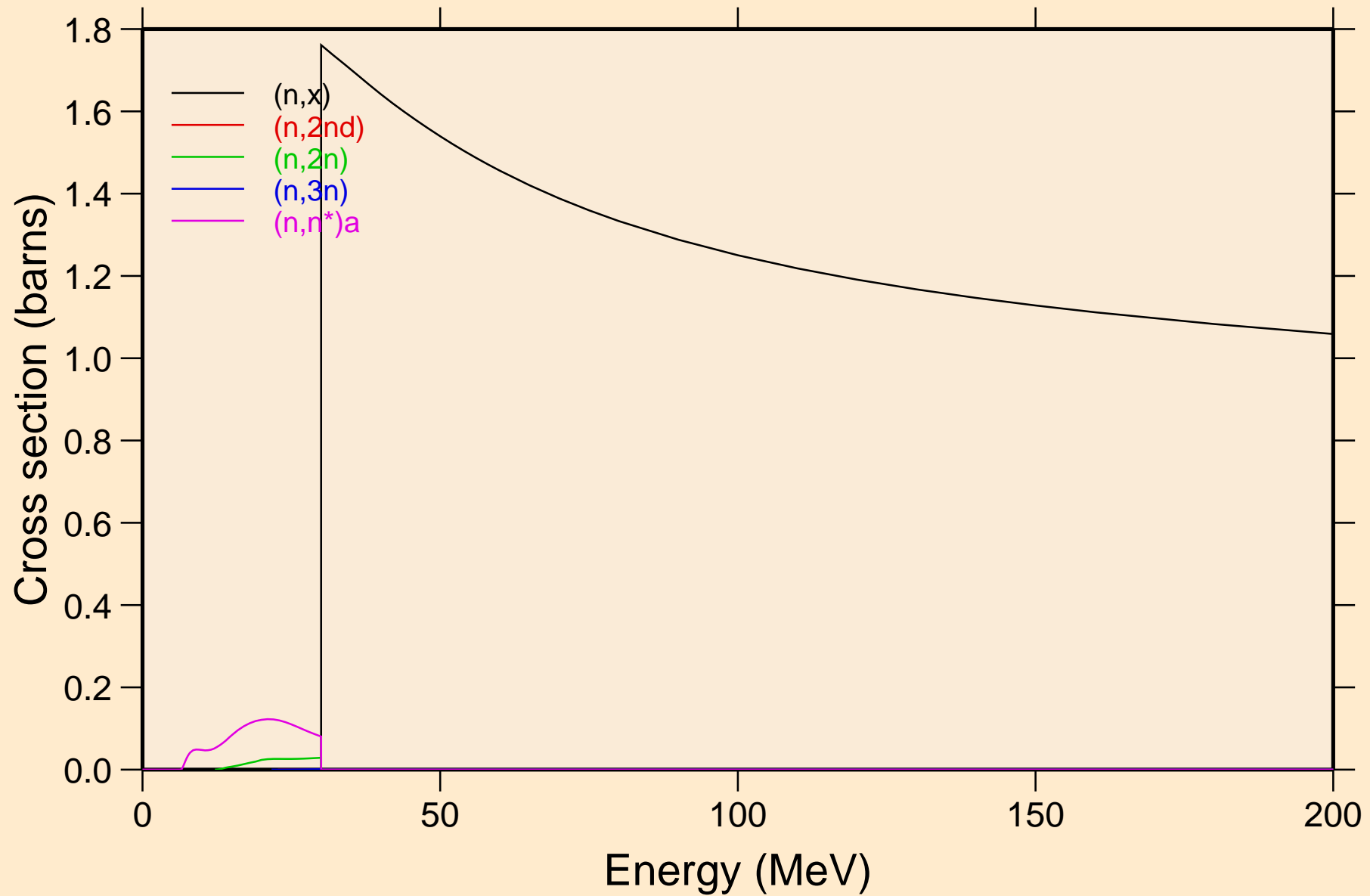
# TE112 NRG TENDL-2015, AKONING

## Inelastic levels



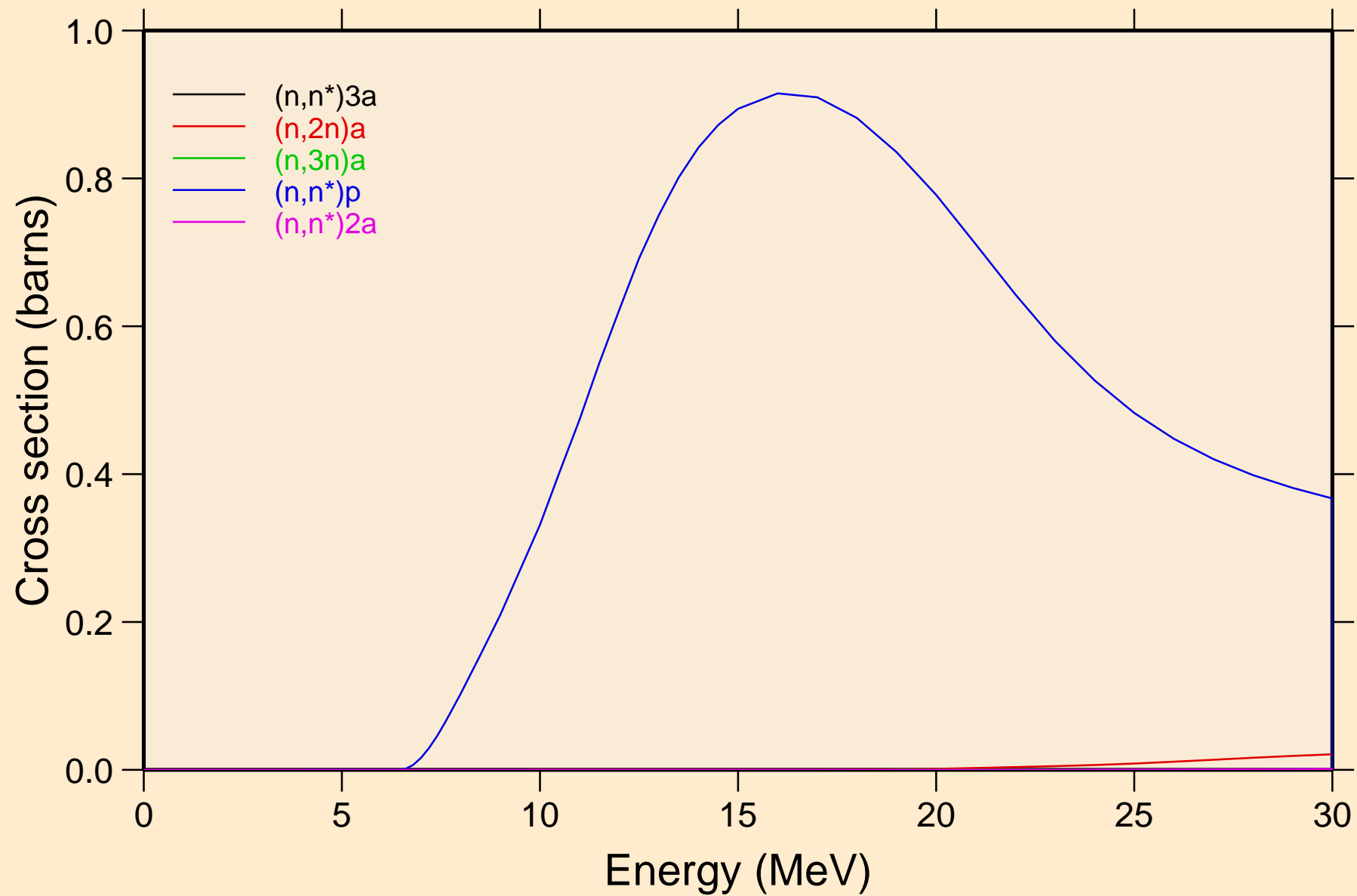
# TE112 NRG TENDL-2015, AKONING

## Threshold reactions



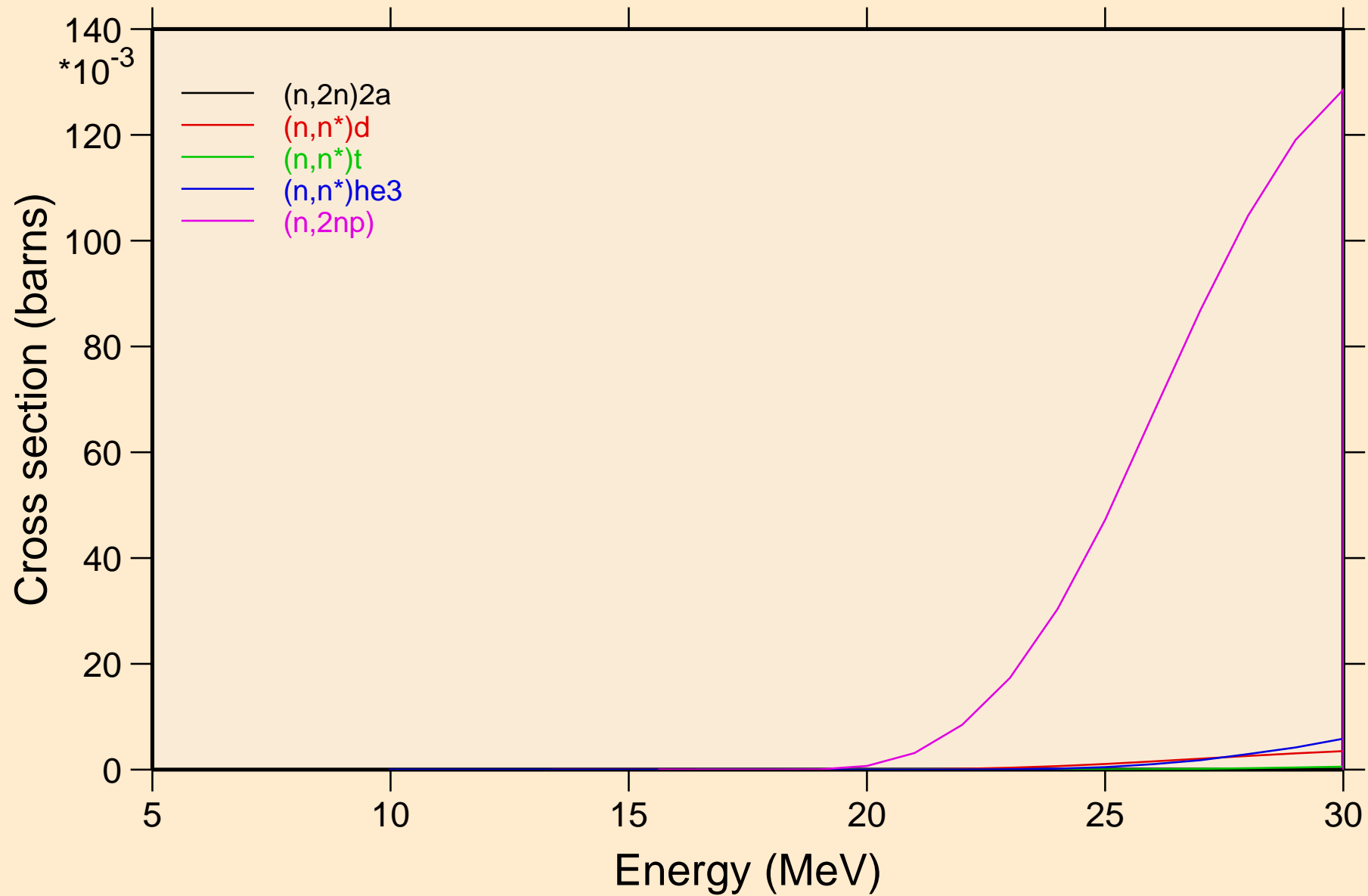
# TE112 NRG TENDL-2015, AKONING

## Threshold reactions



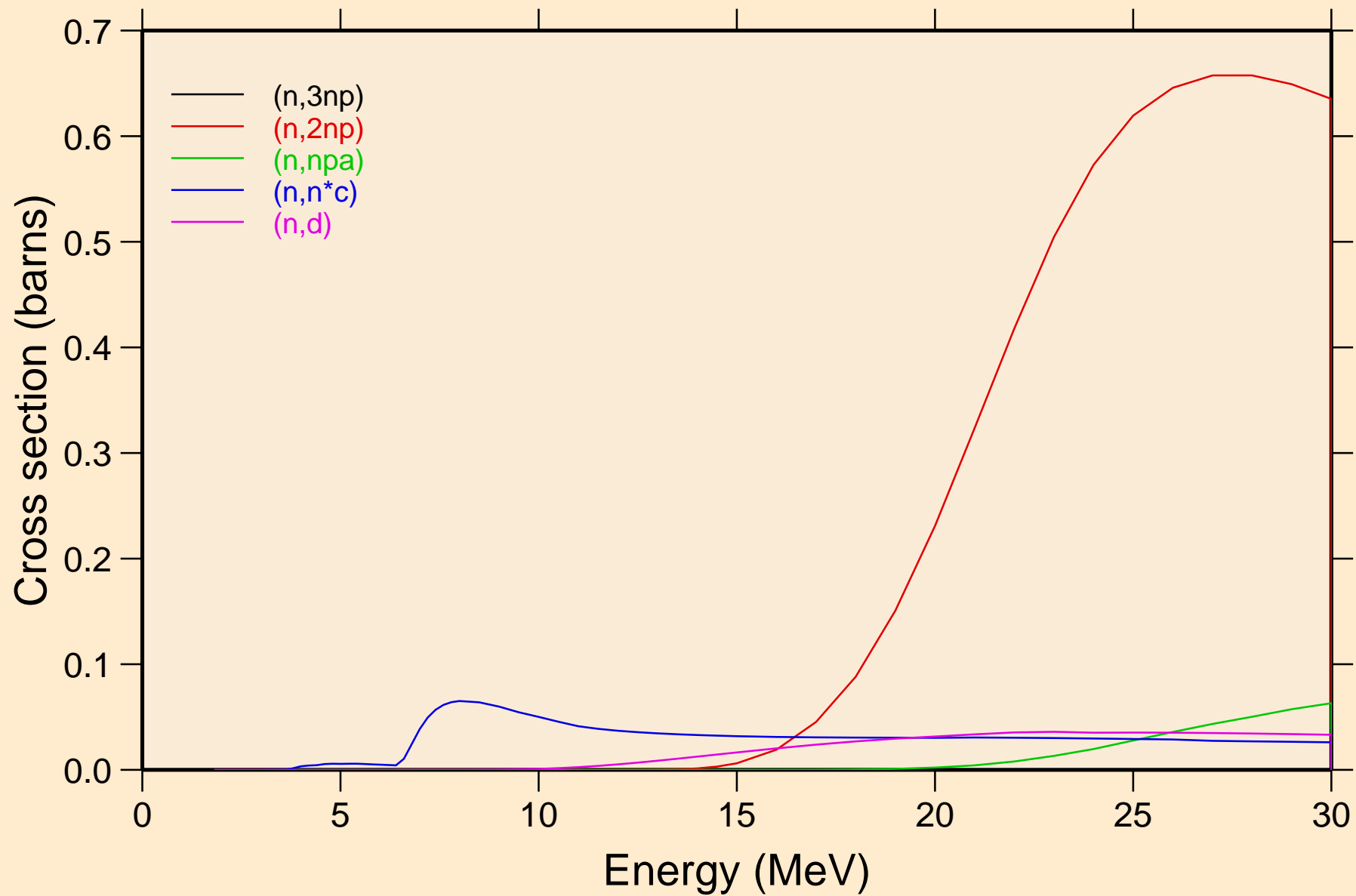
# TE112 NRG TENDL-2015, AKONING

## Threshold reactions



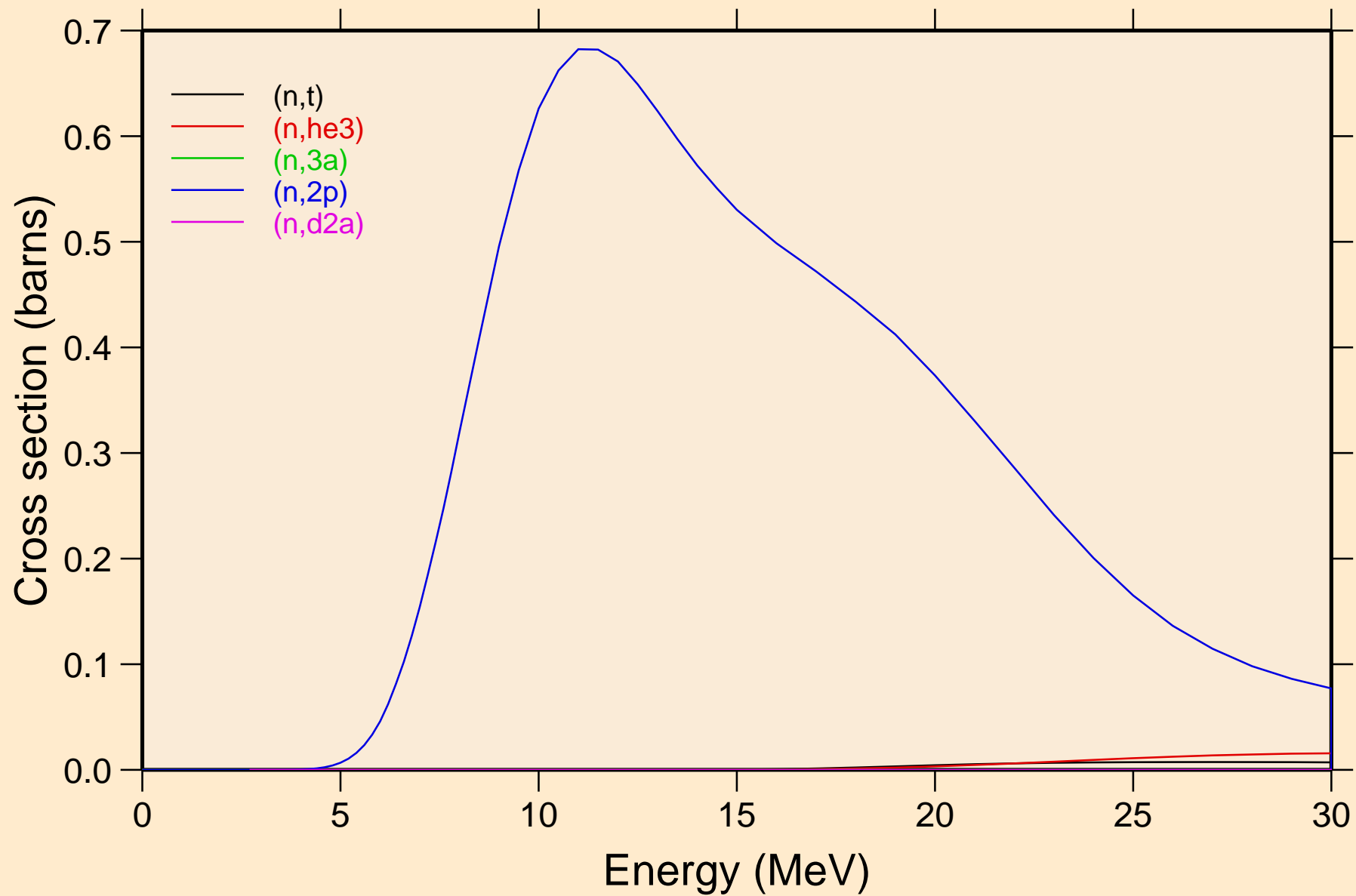
# TE112 NRG TENDL-2015, AKONING

## Threshold reactions



# TE112 NRG TENDL-2015, AKONING

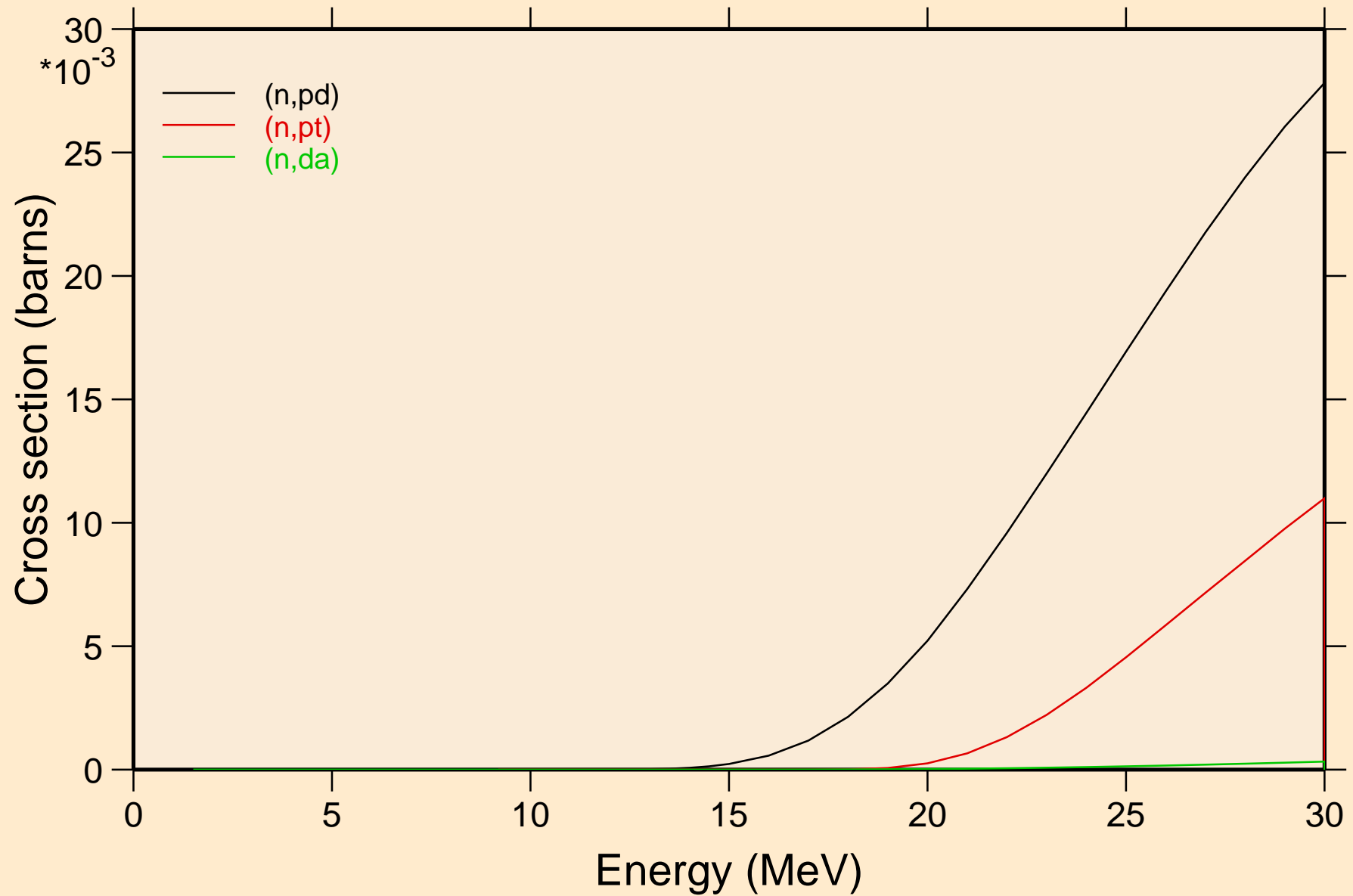
## Threshold reactions



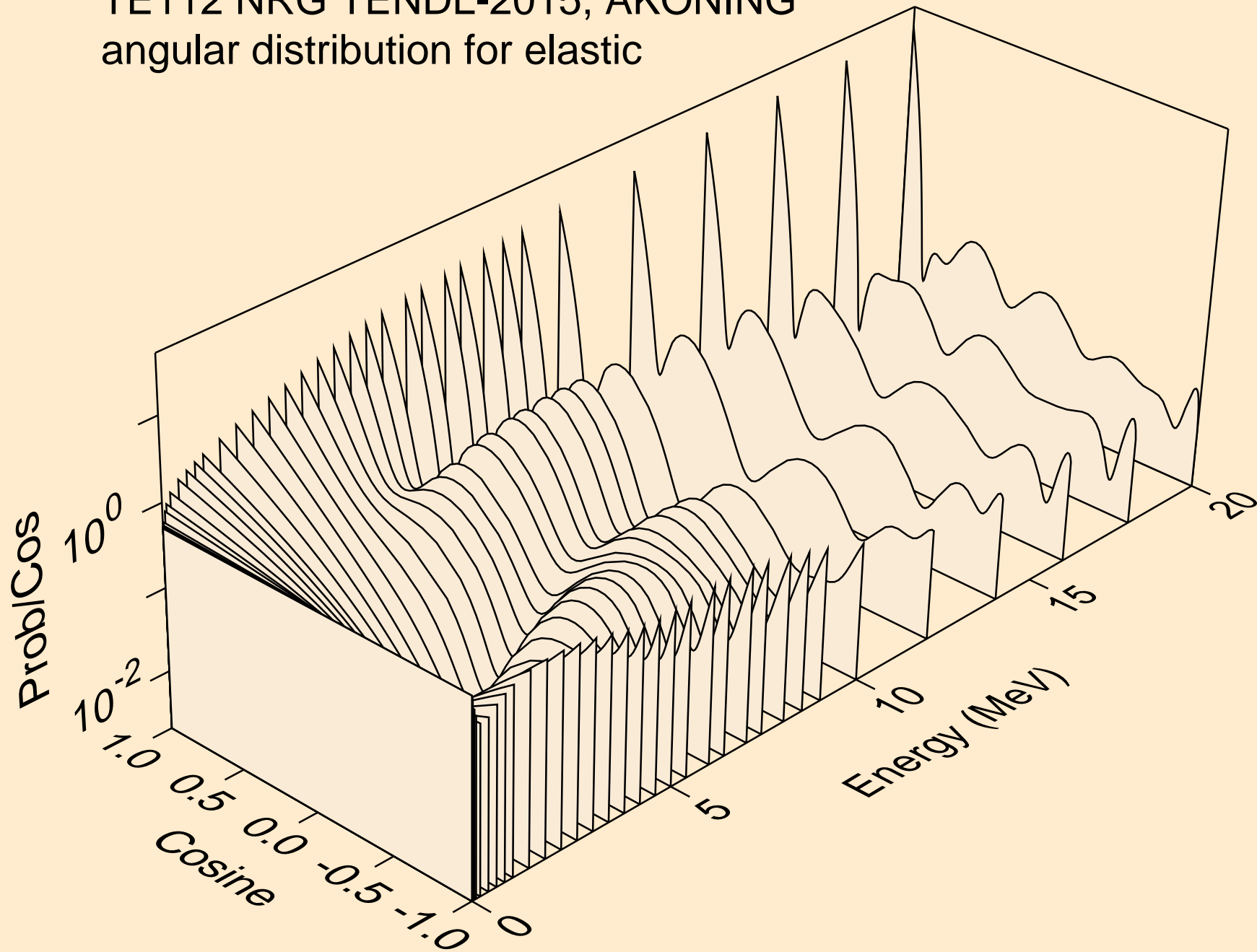


# TE112 NRG TENDL-2015, AKONING

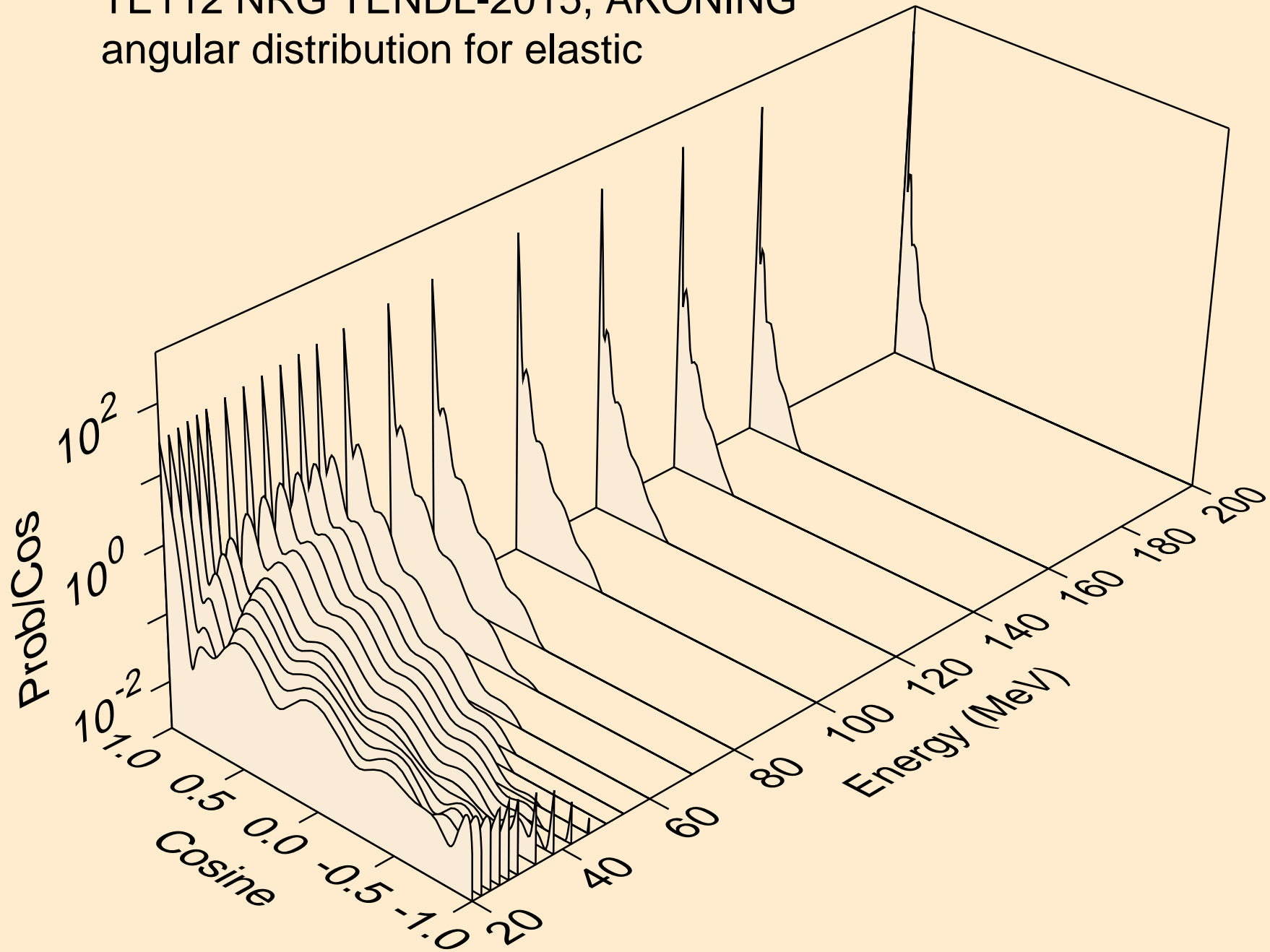
## Threshold reactions



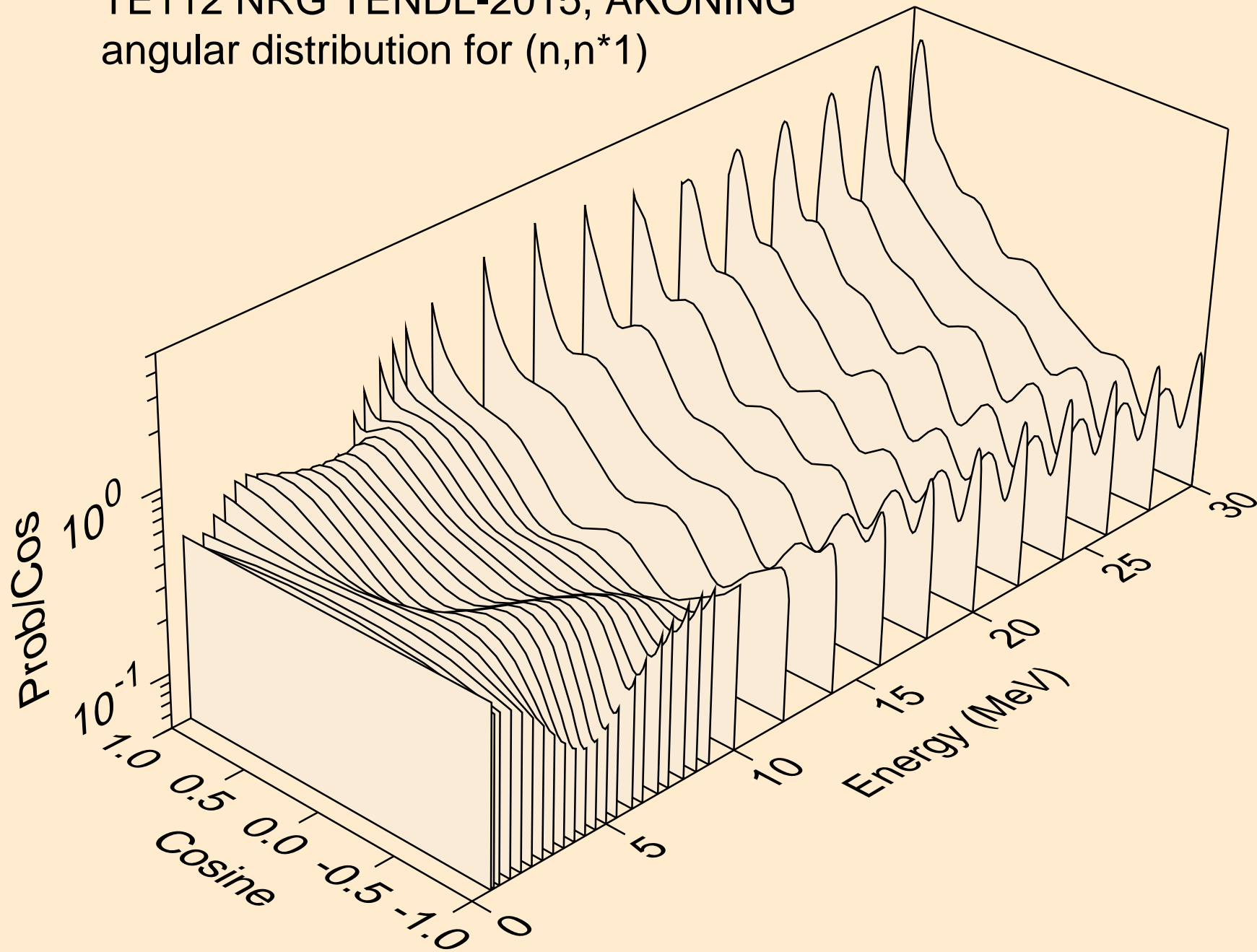
TE112 NRG TENDL-2015, AKONING  
angular distribution for elastic



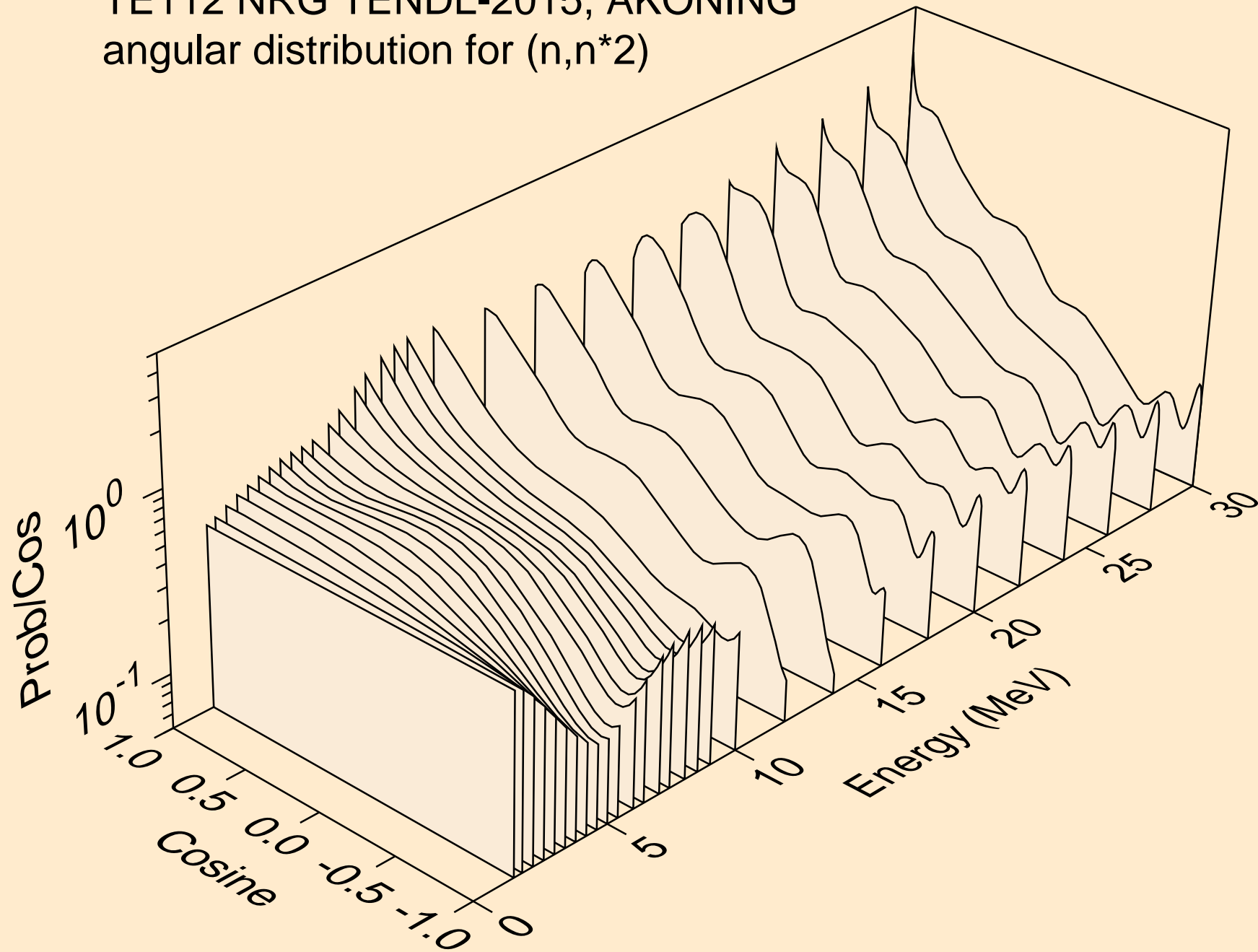
TE112 NRG TENDL-2015, AKONING  
angular distribution for elastic



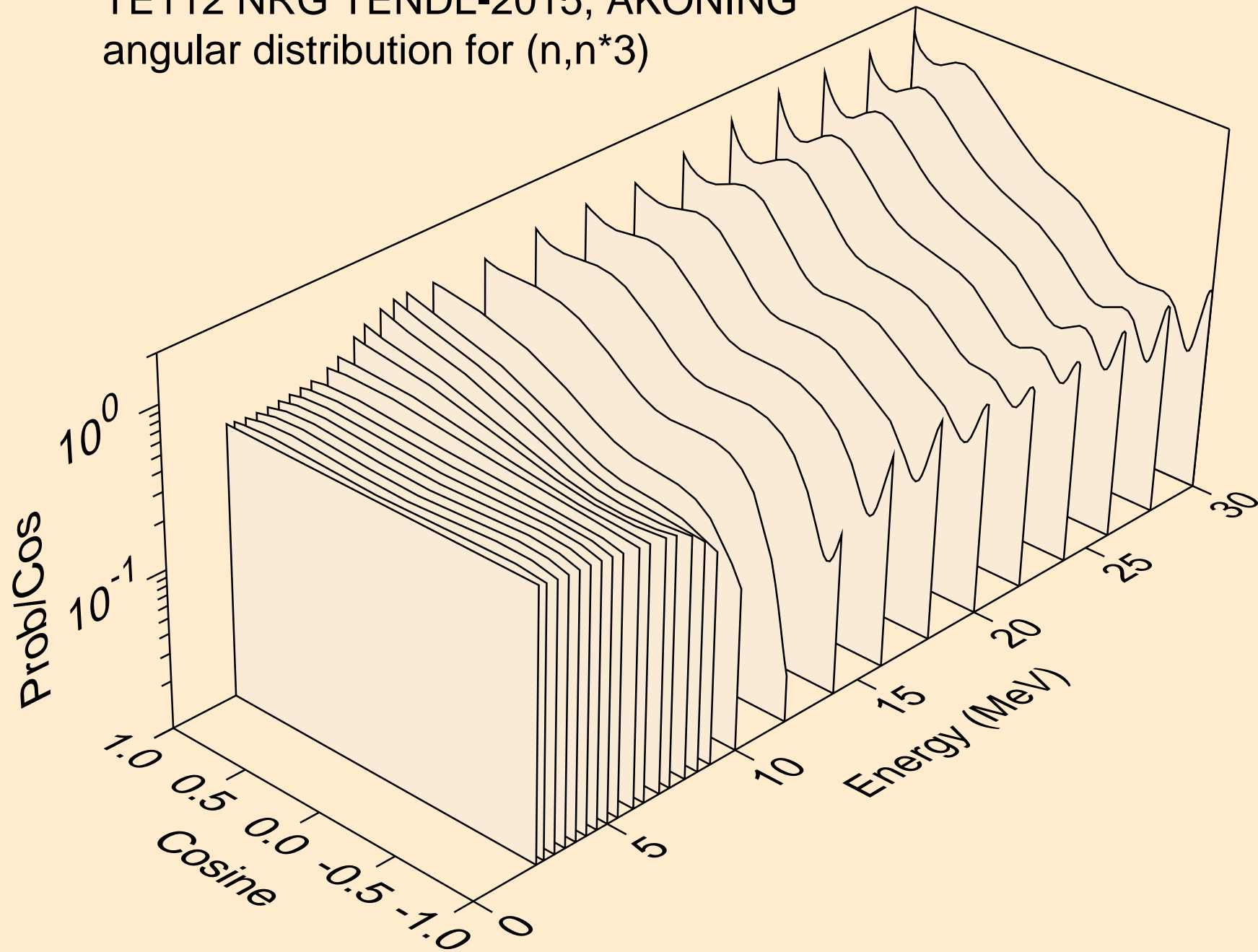
TE112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



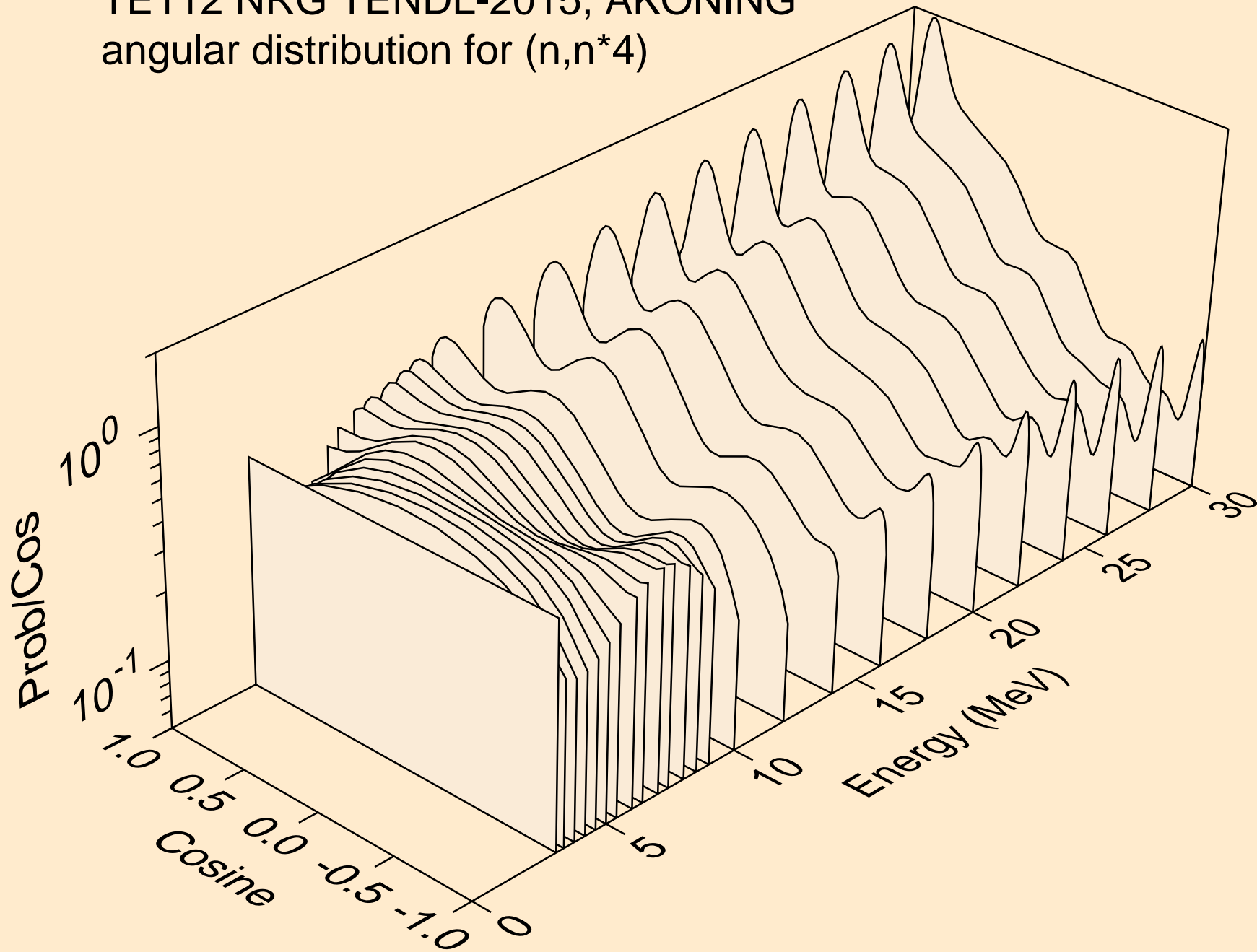
TE112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



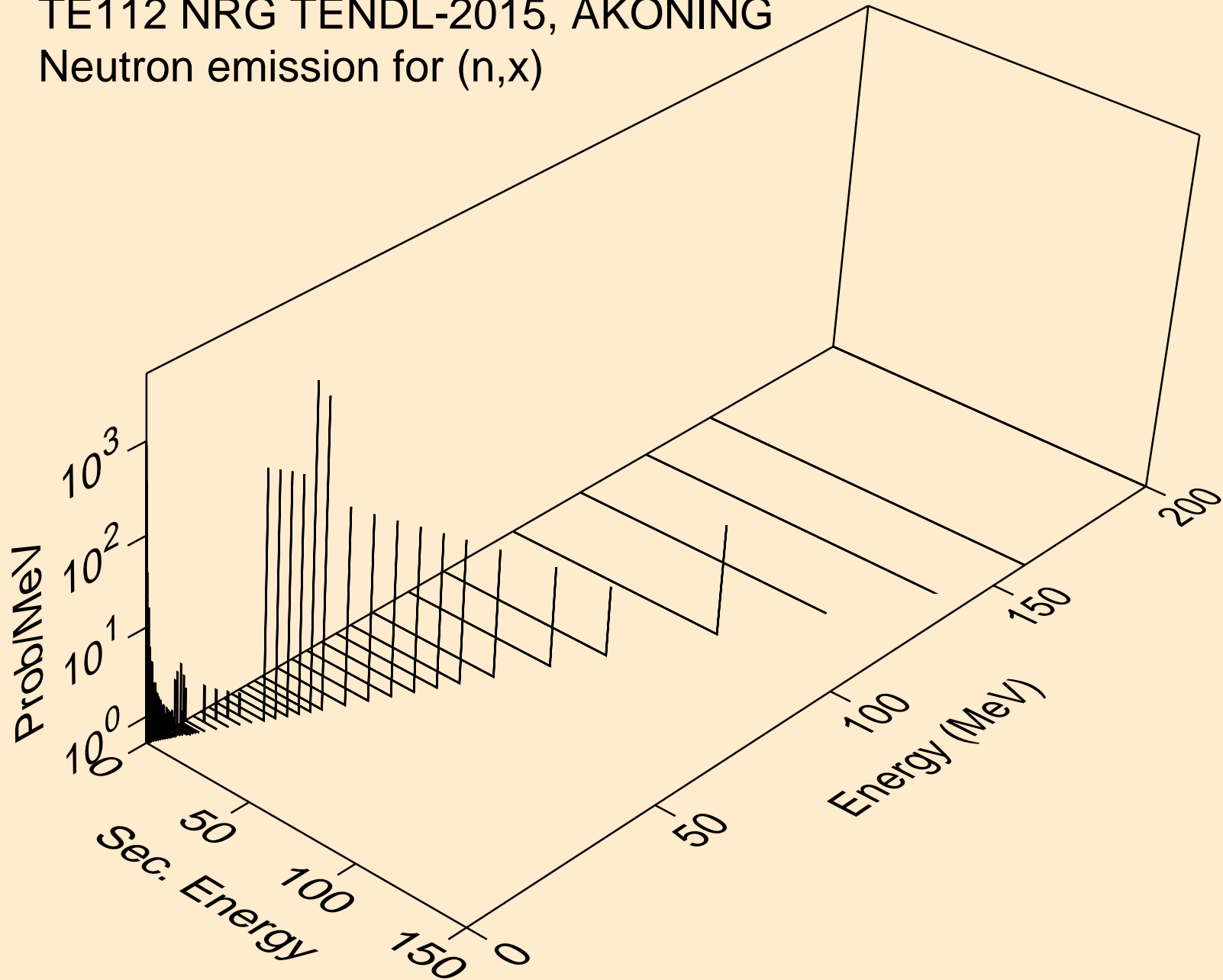
TE112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



TE112 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

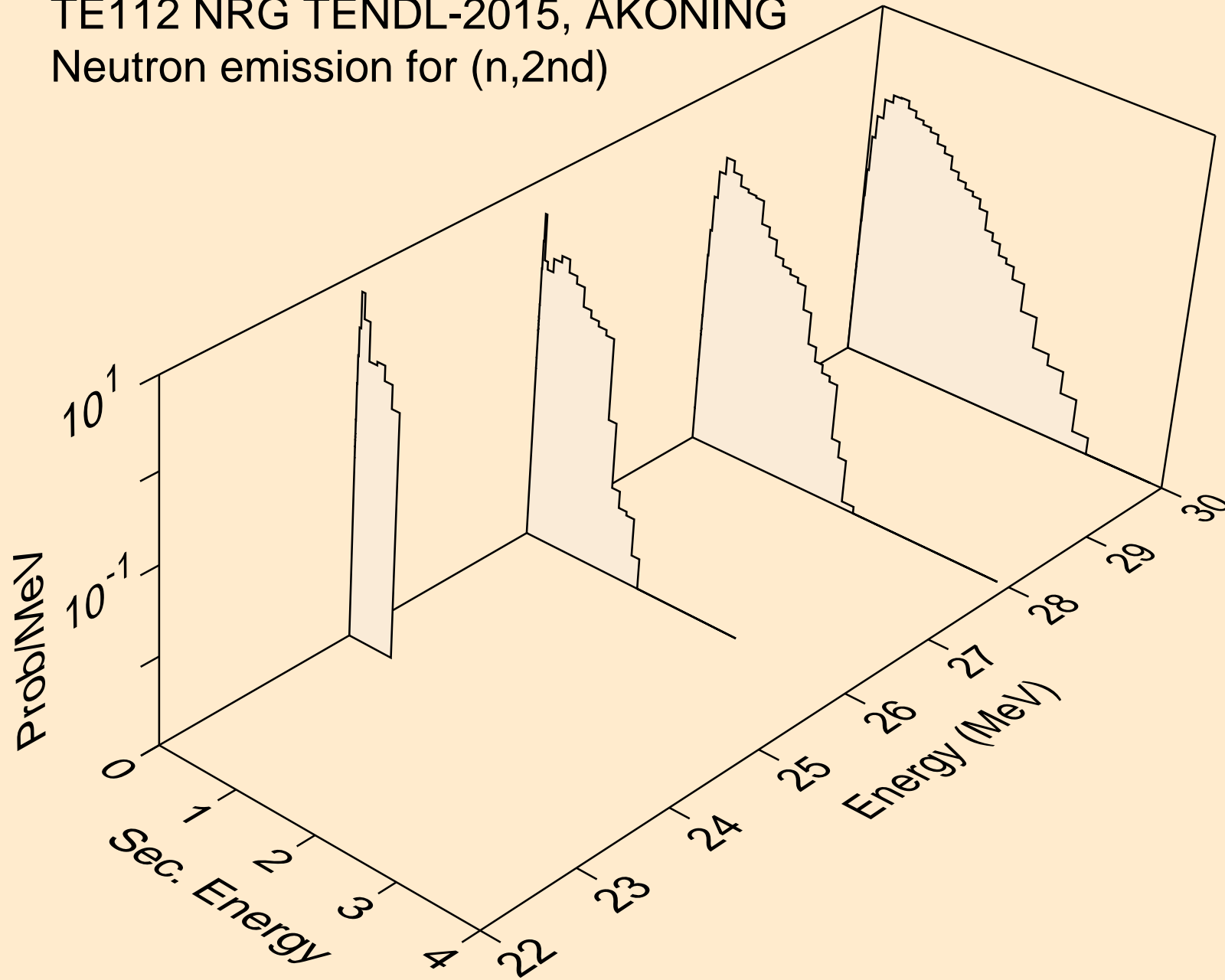


TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

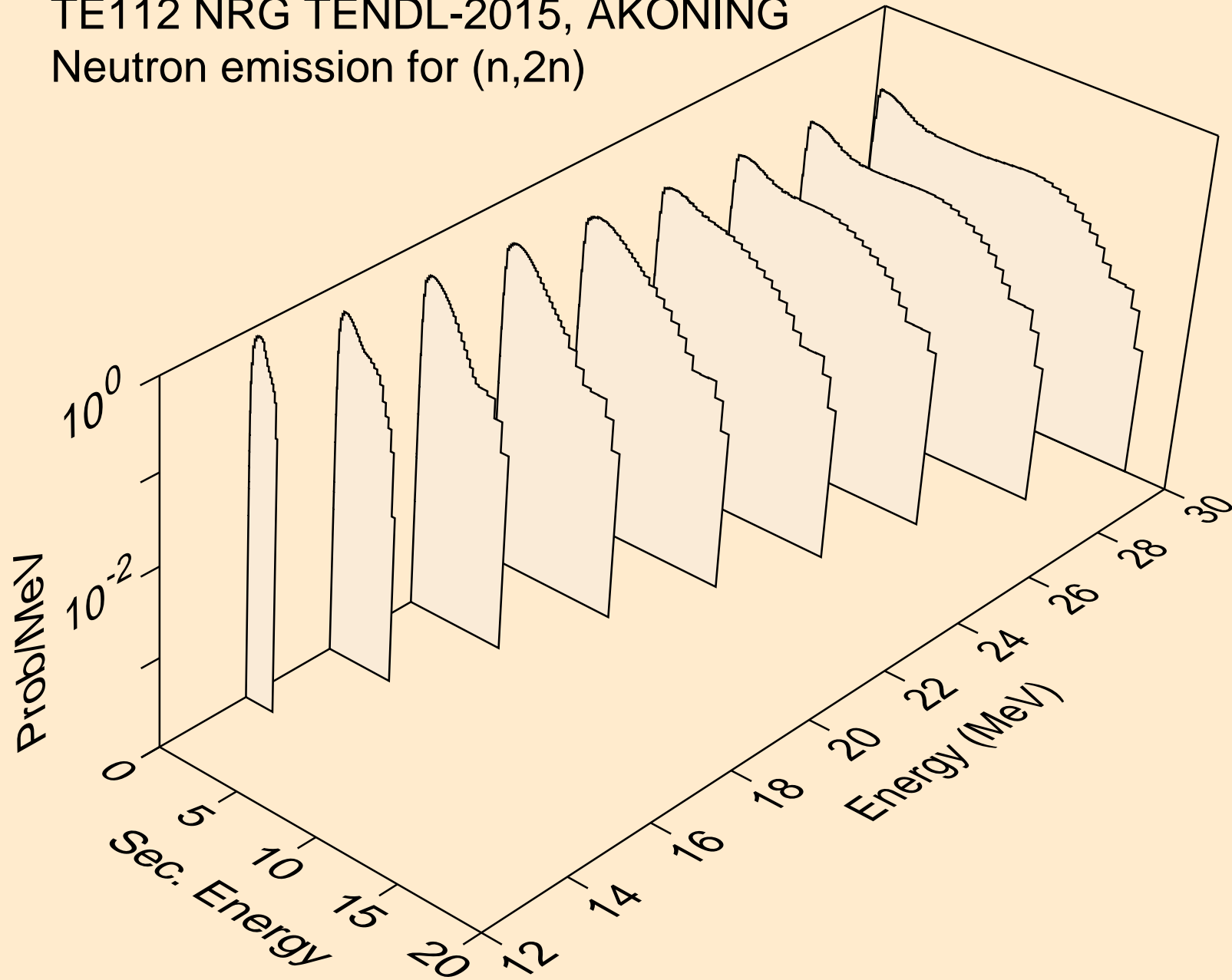




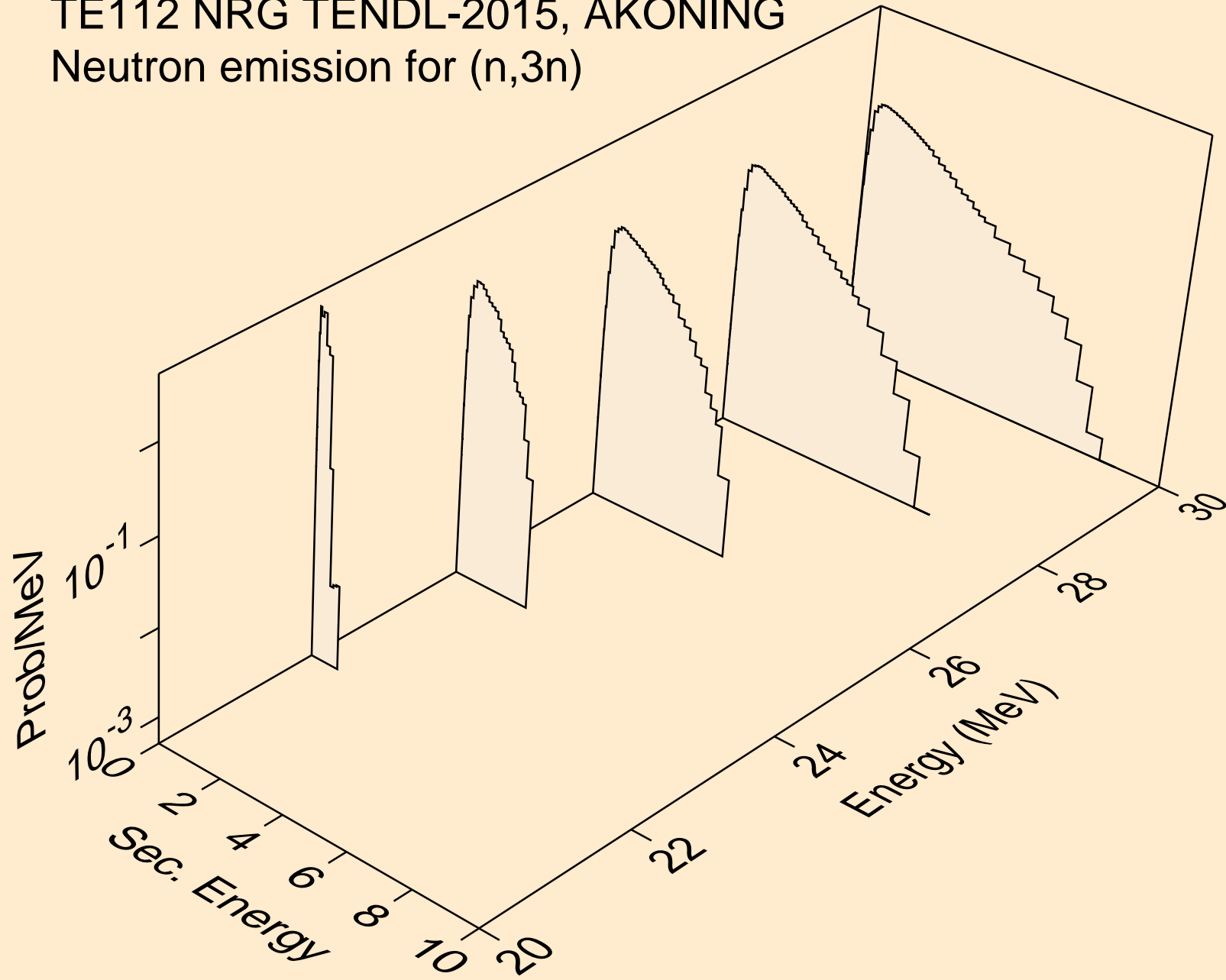
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



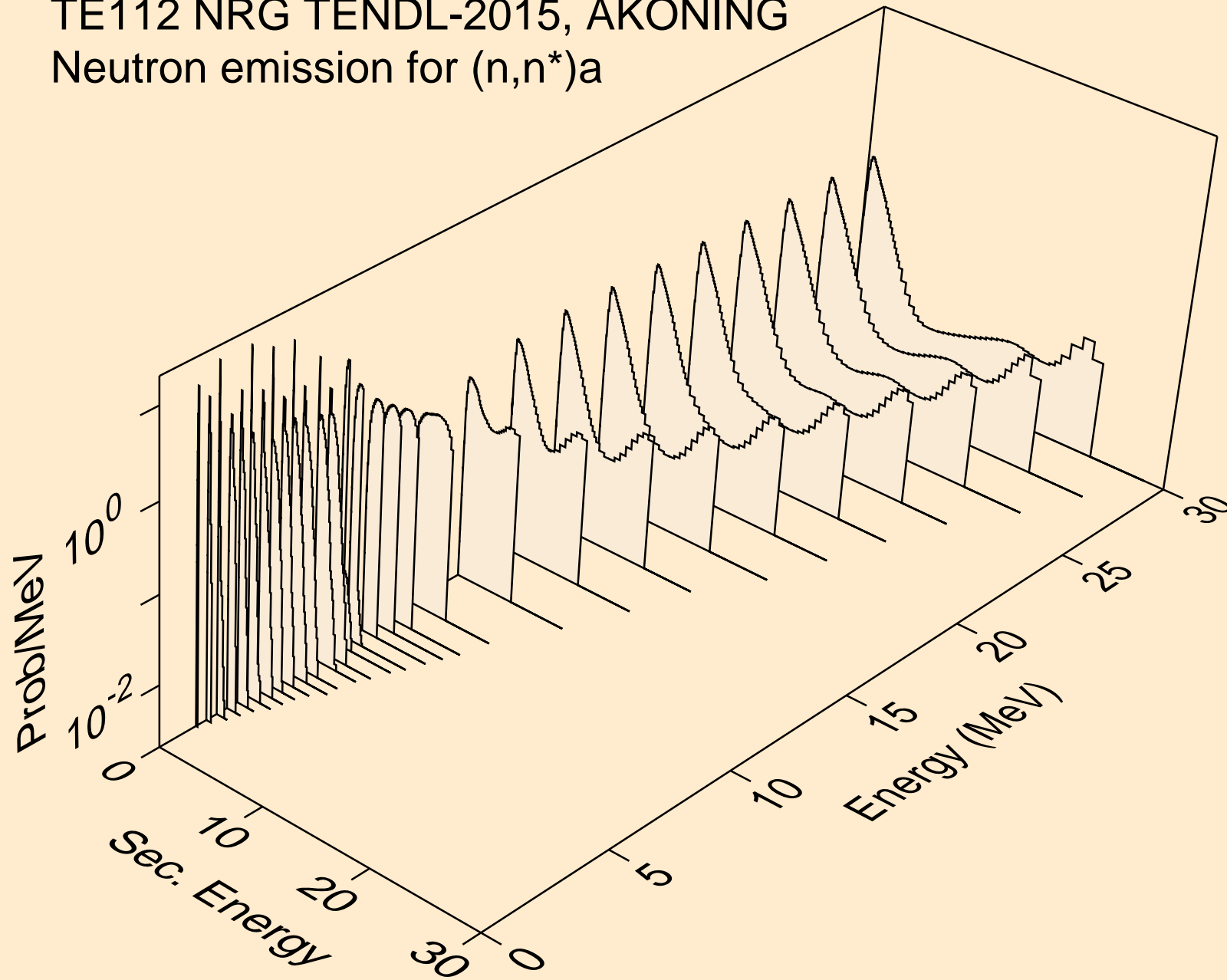
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



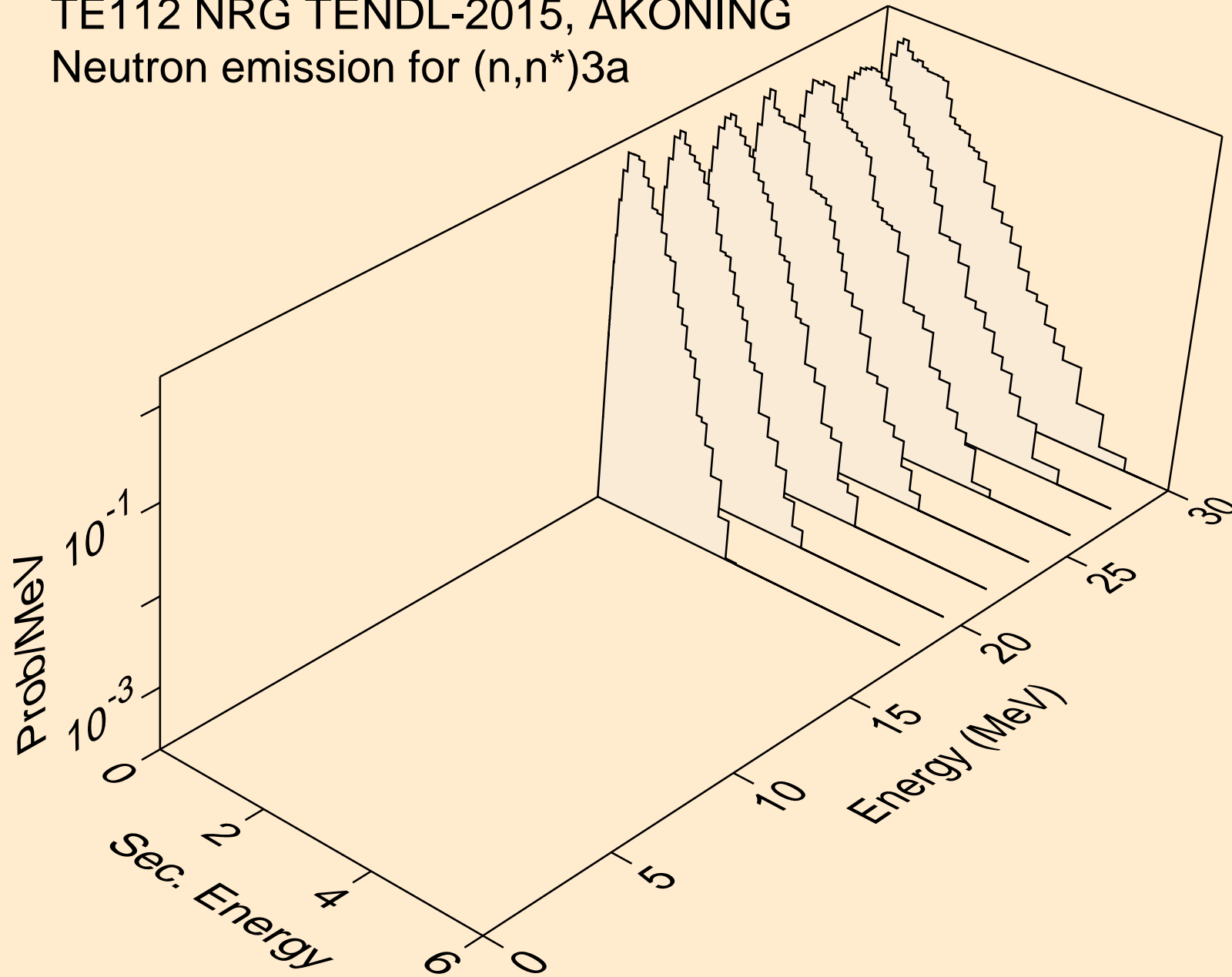
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



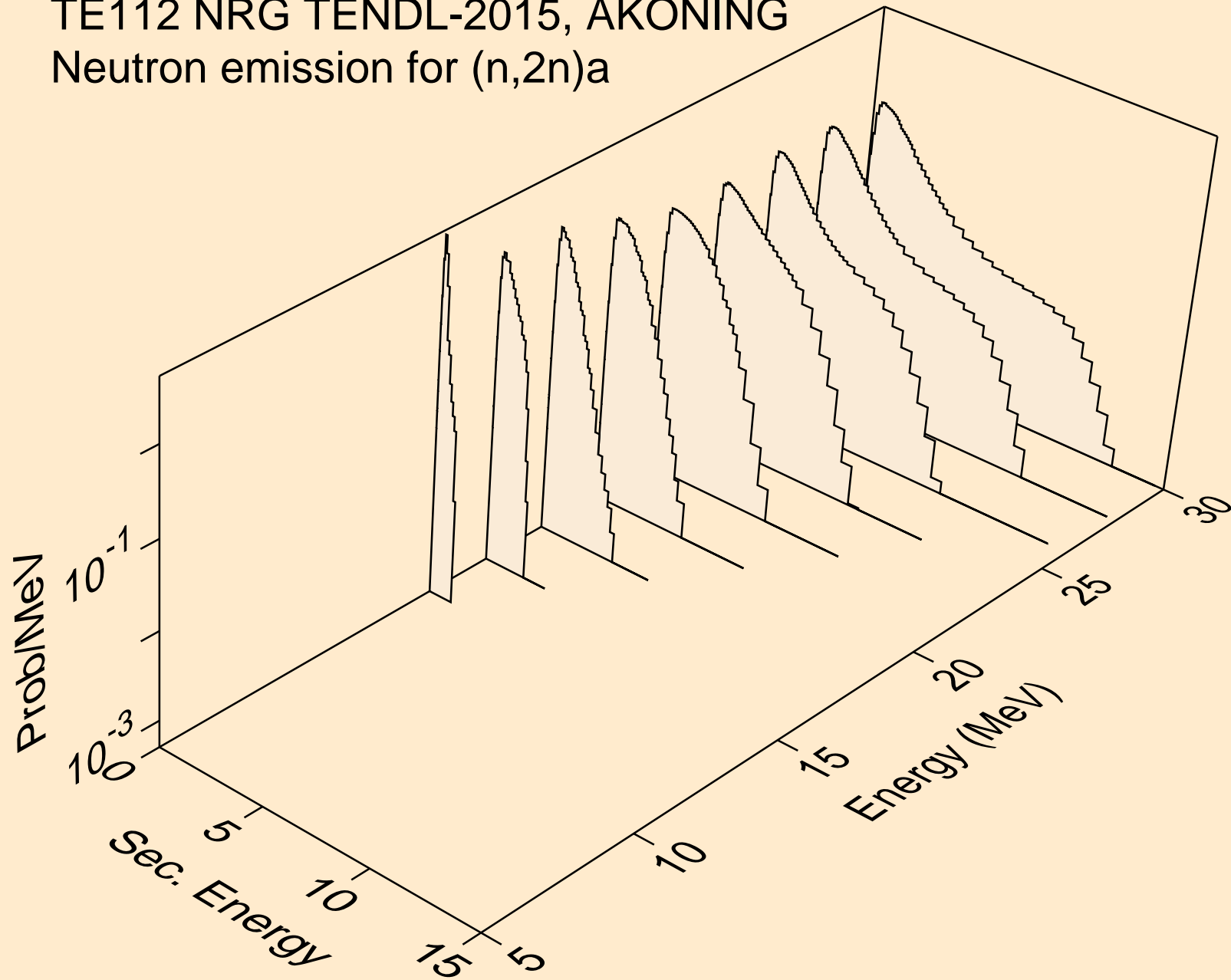
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



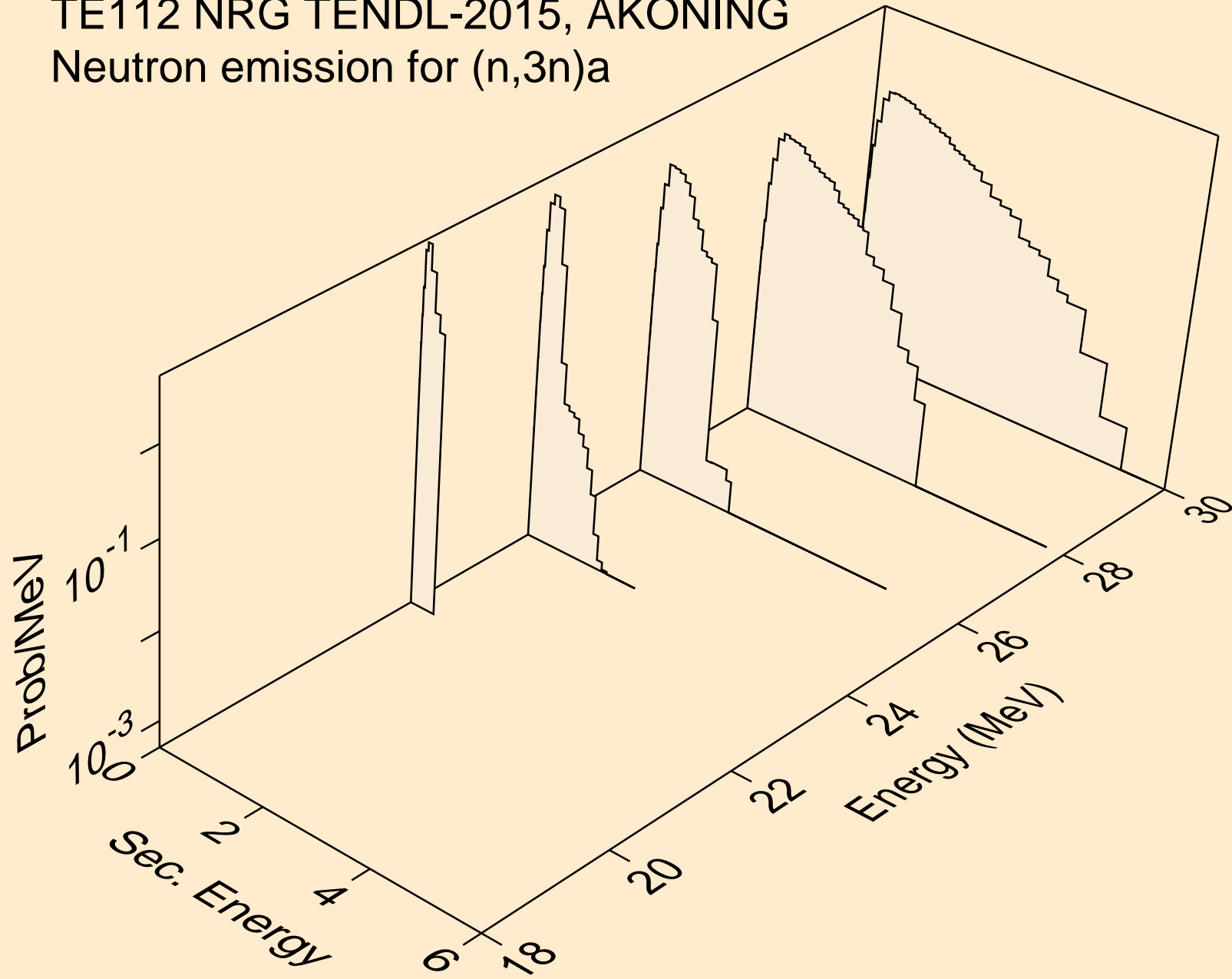
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



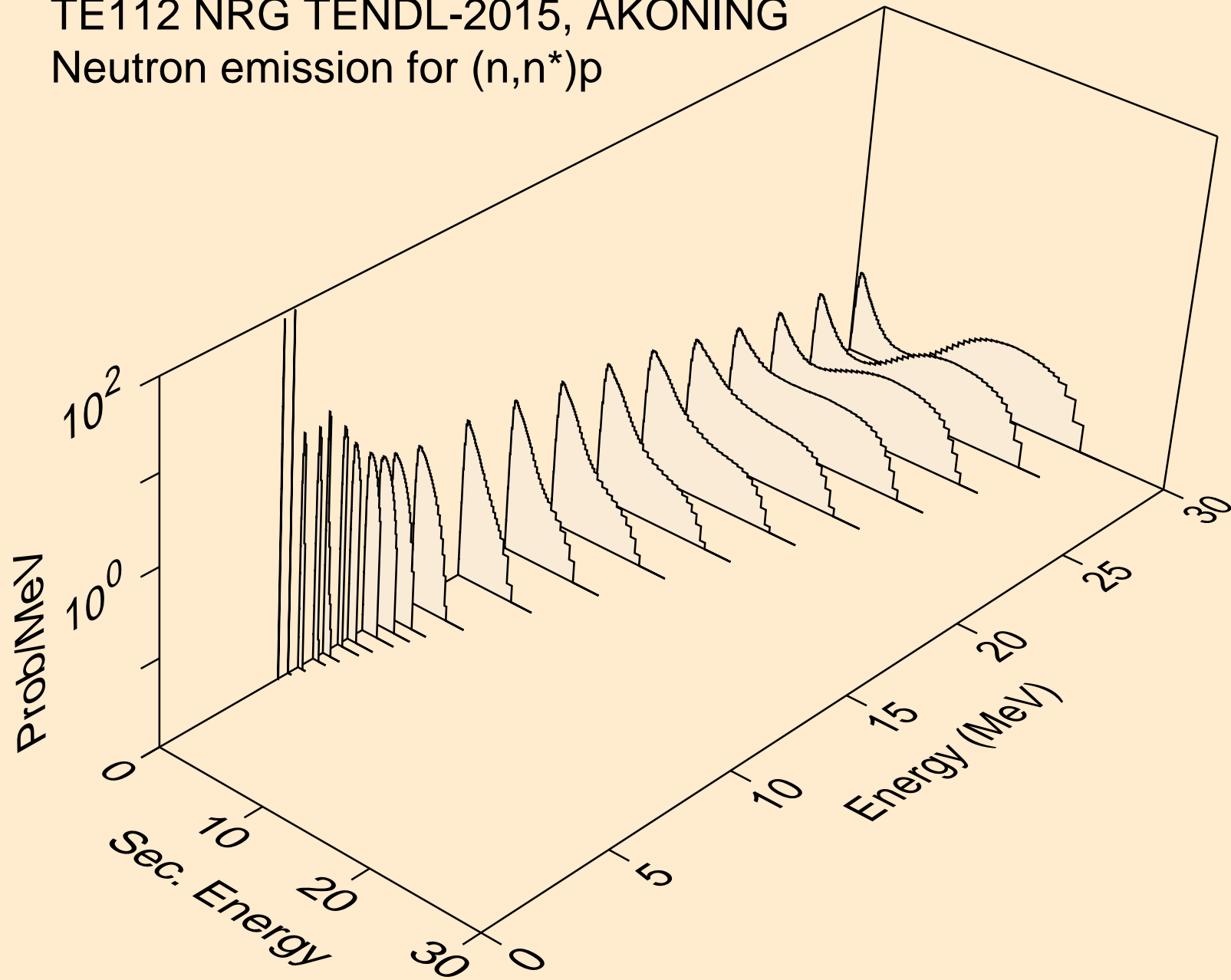
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

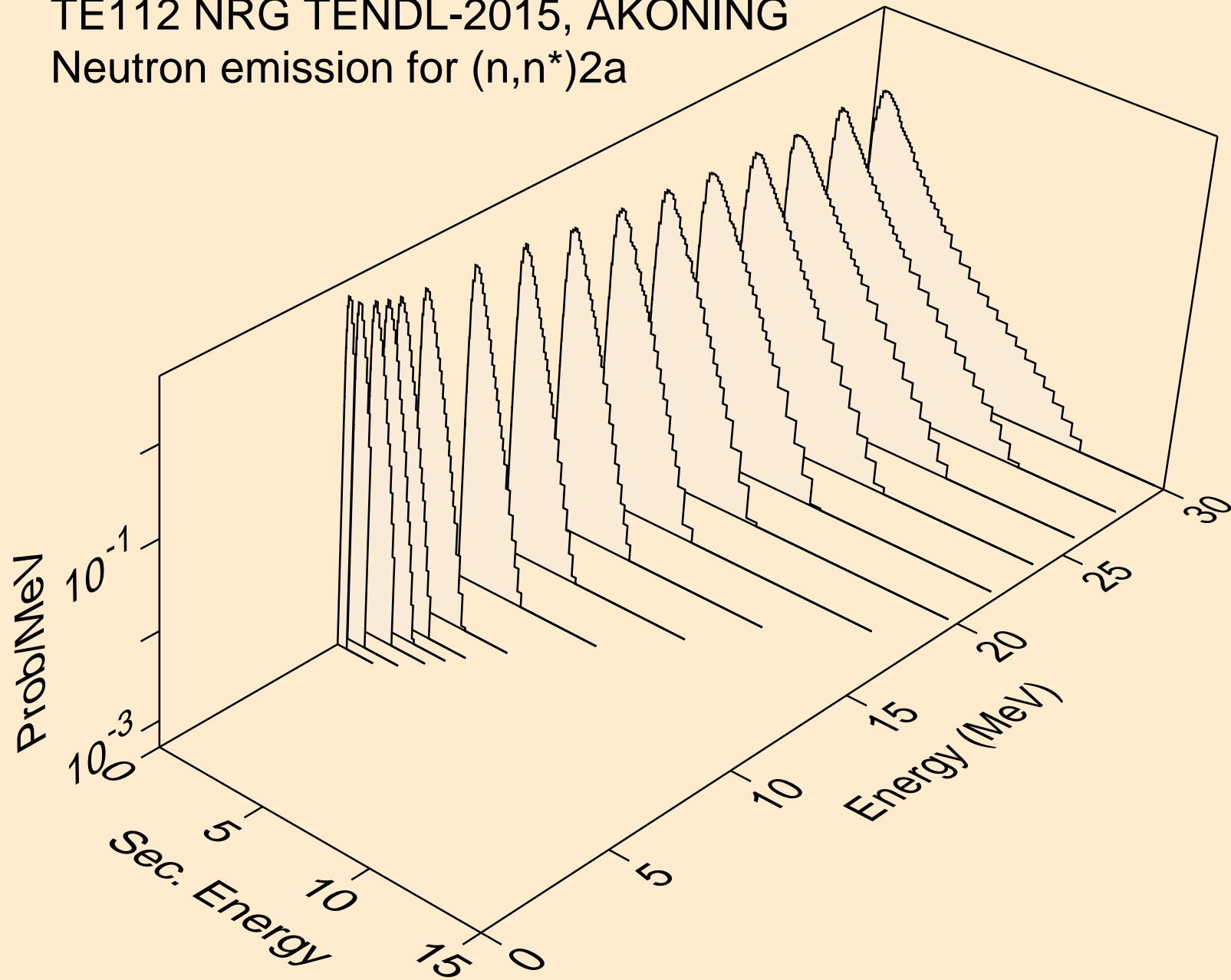


TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

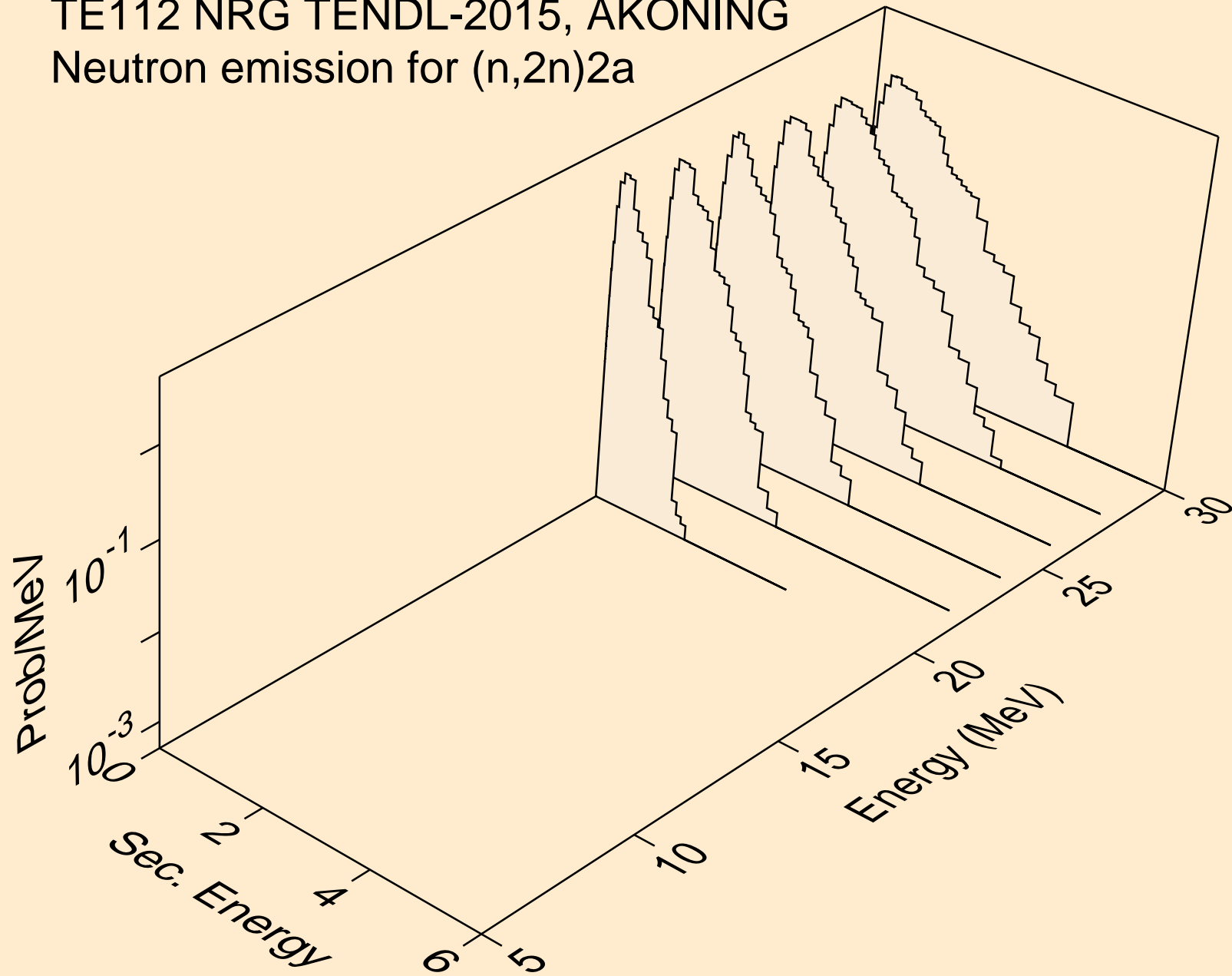




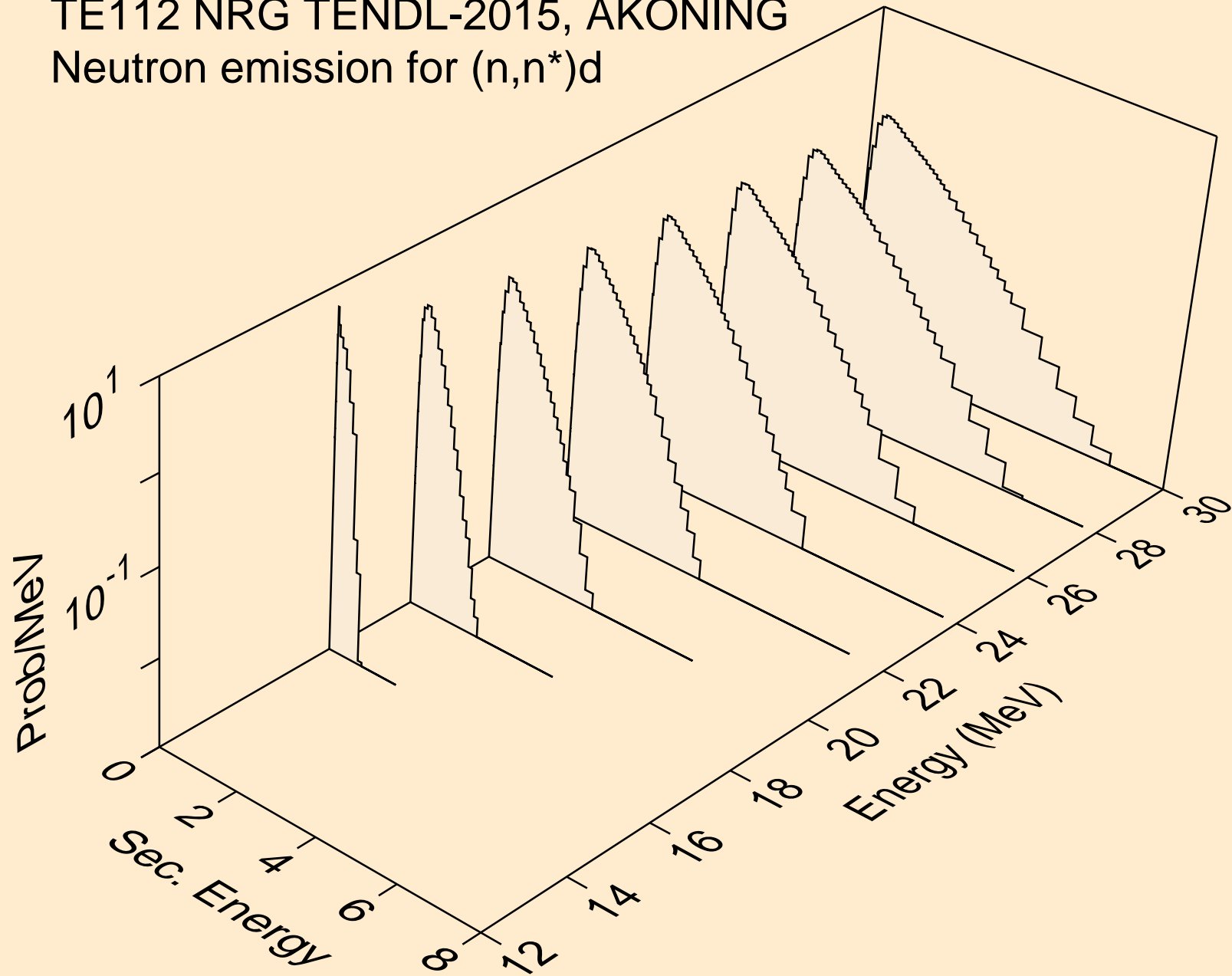
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



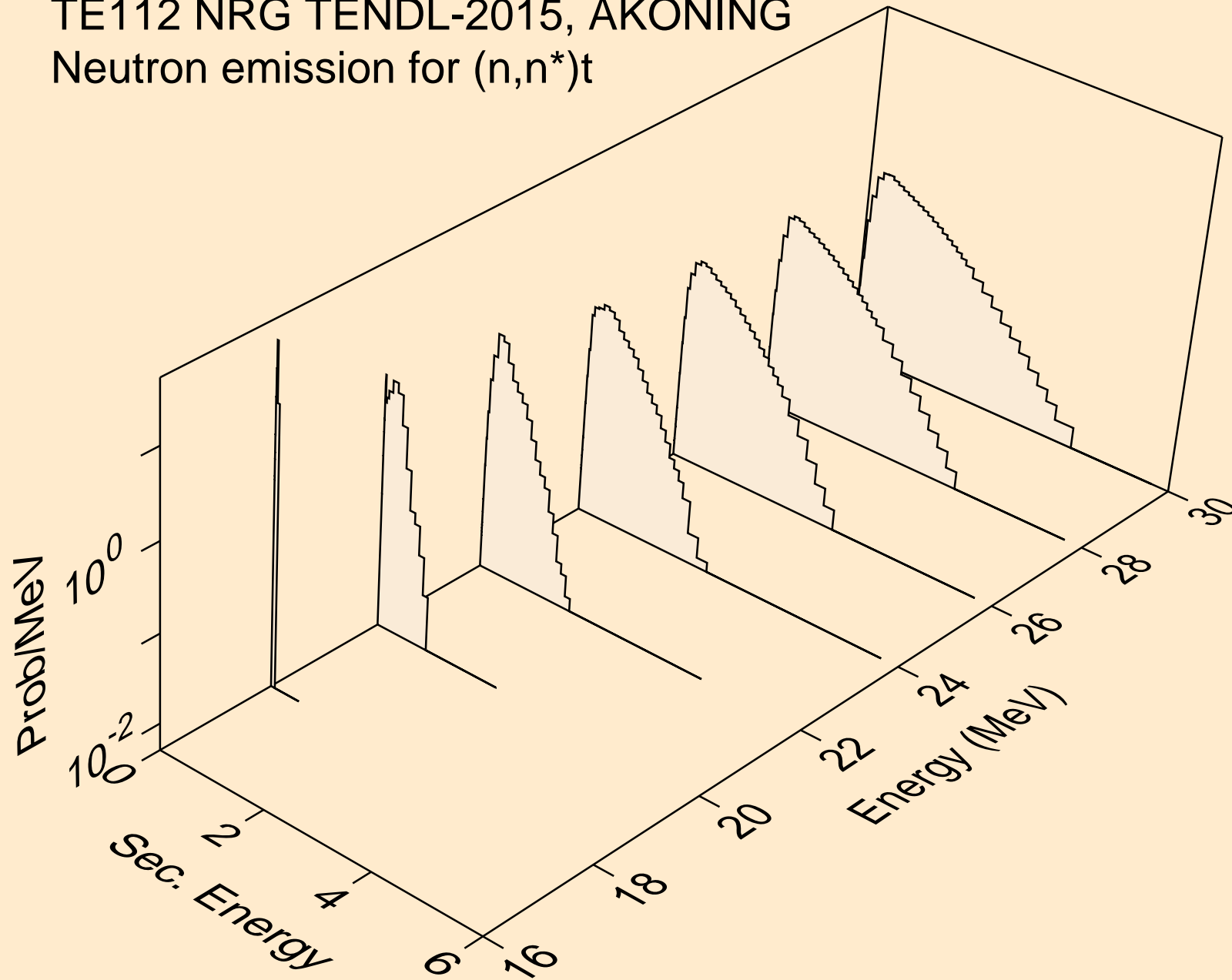
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



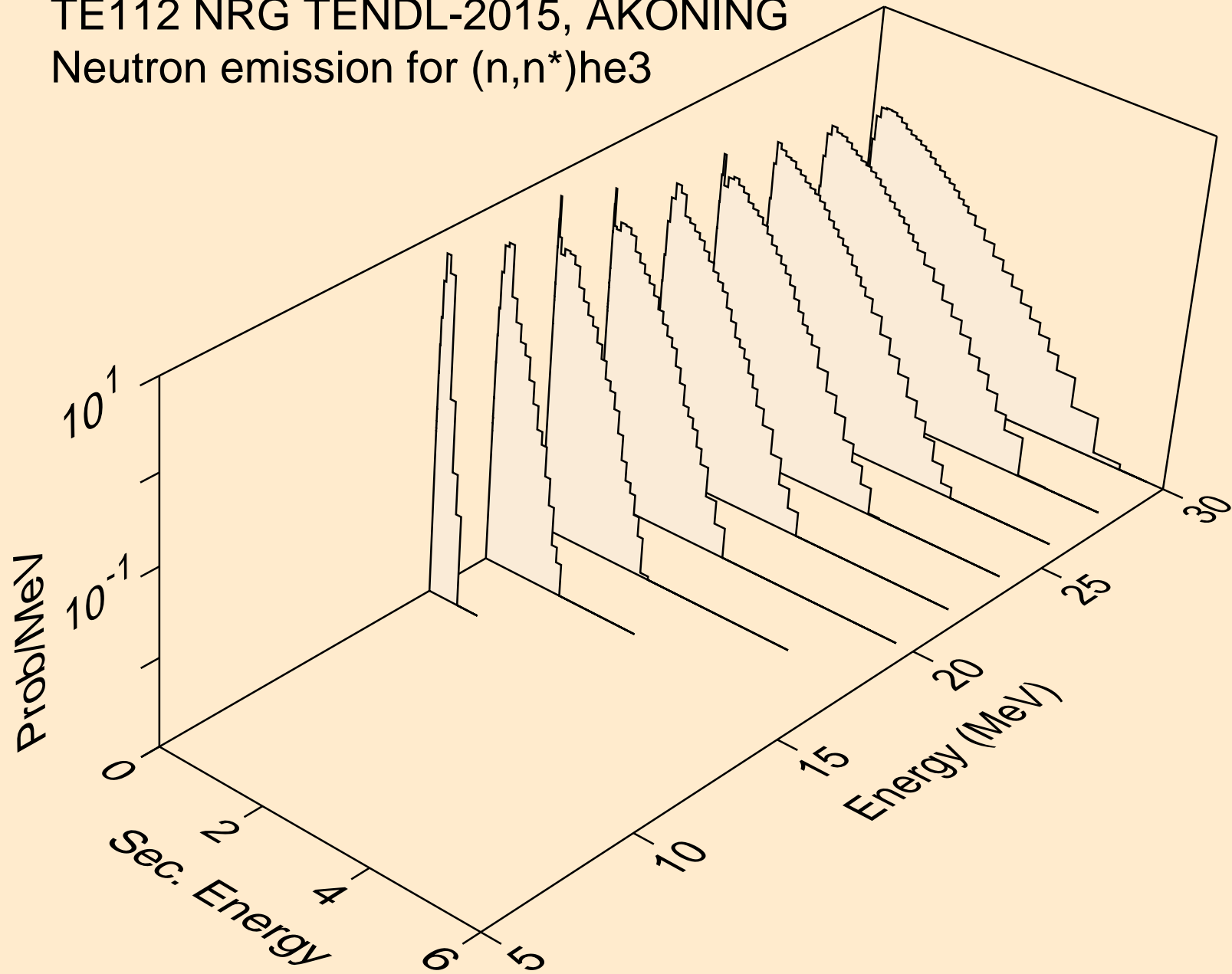
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



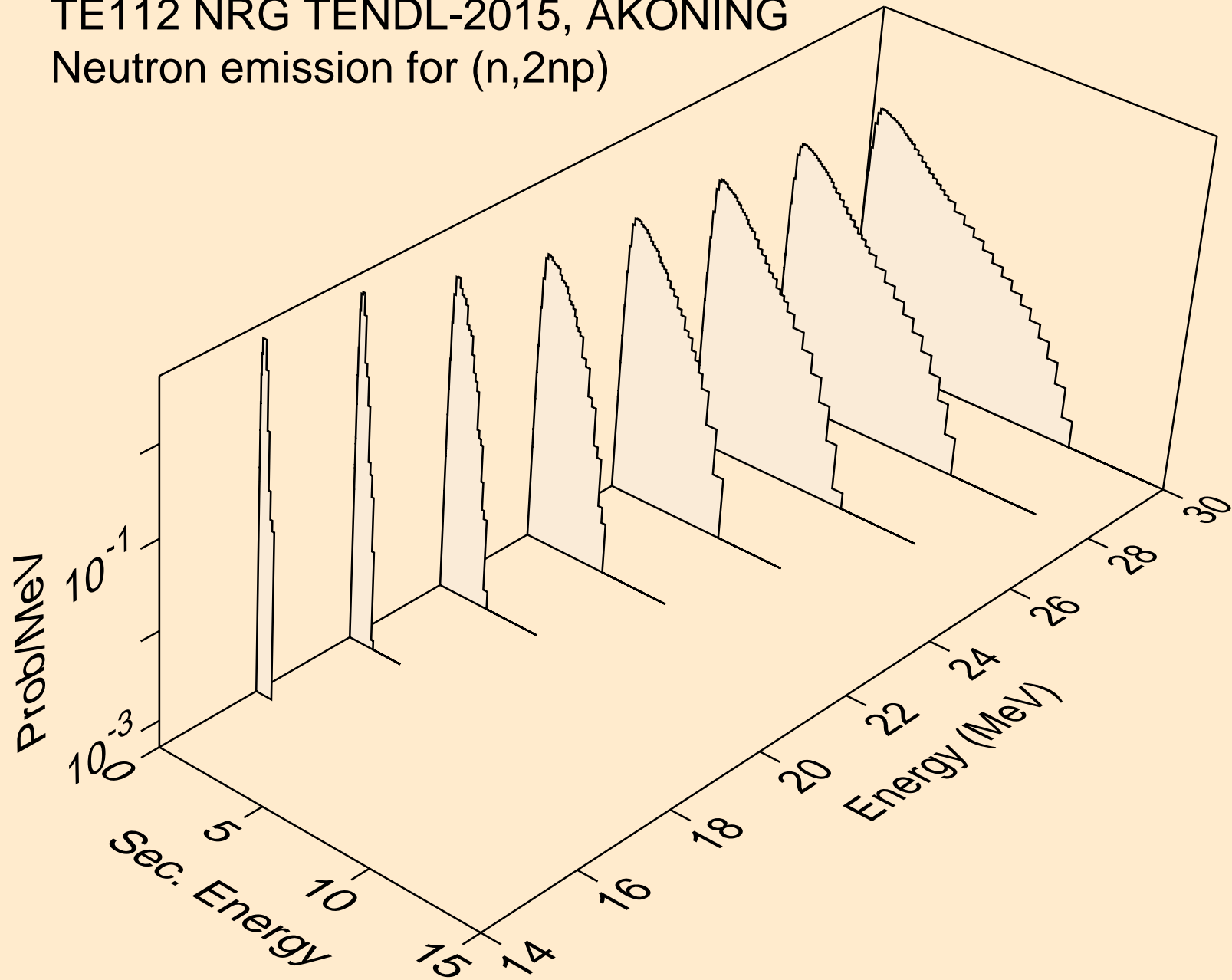
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



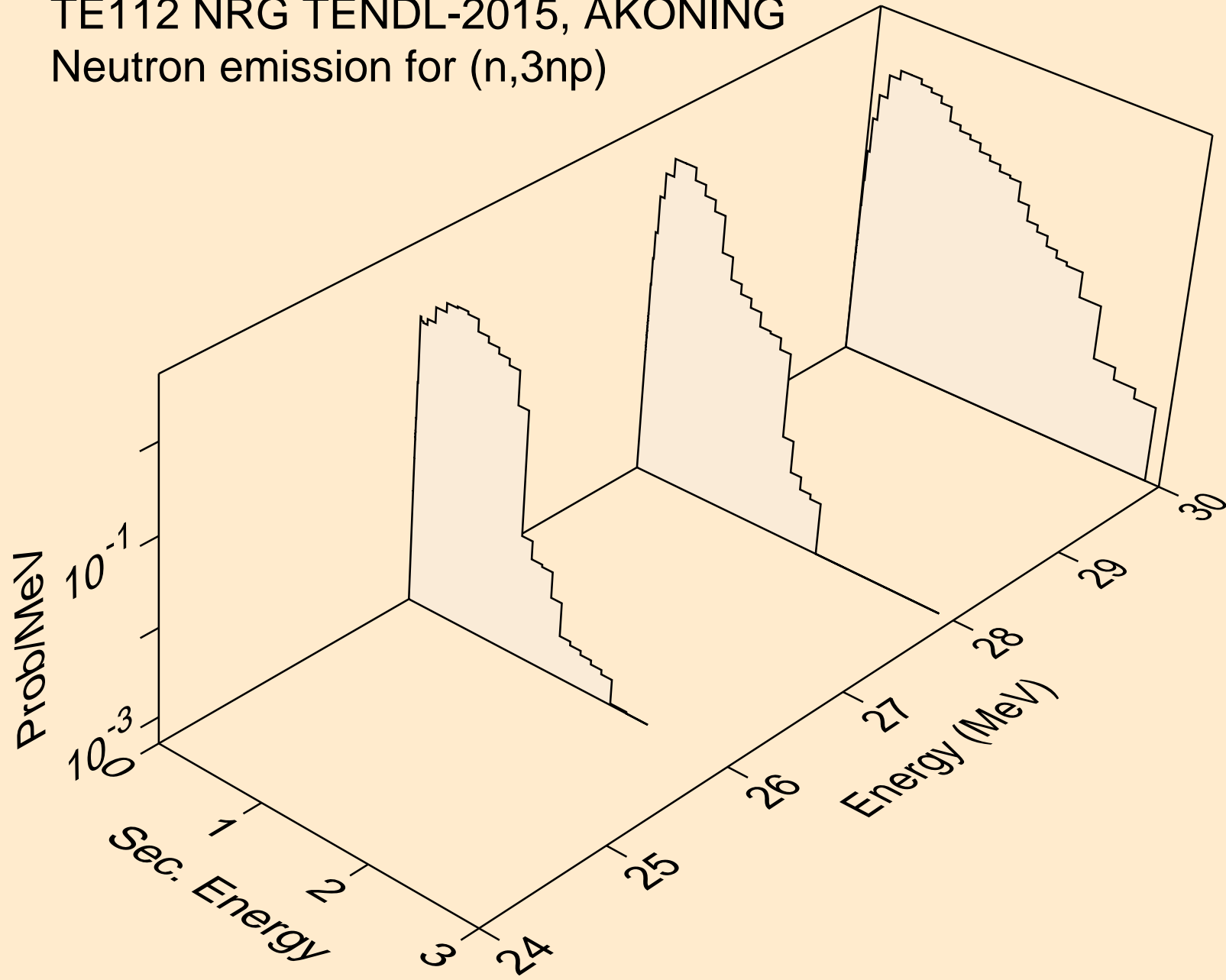
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



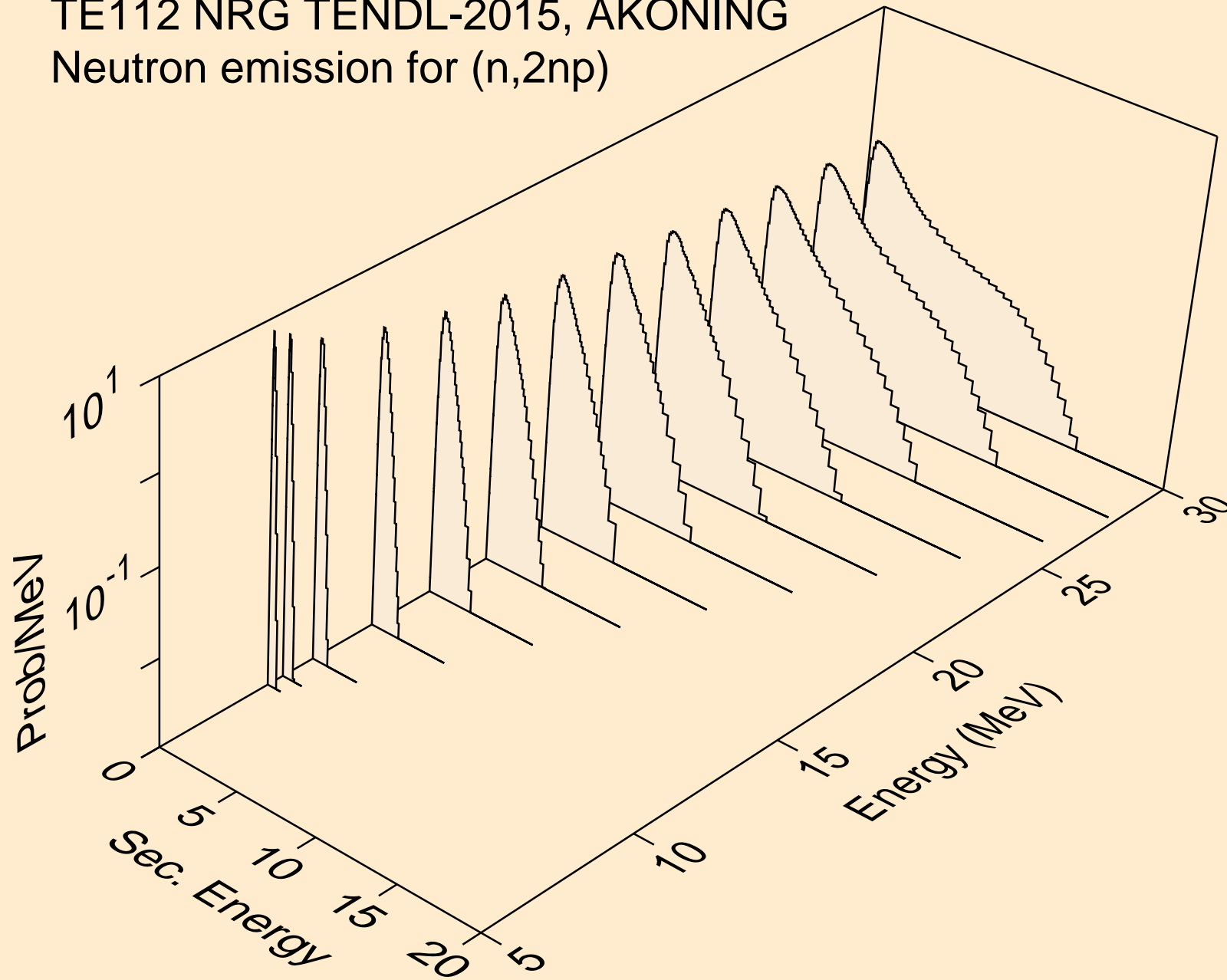
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

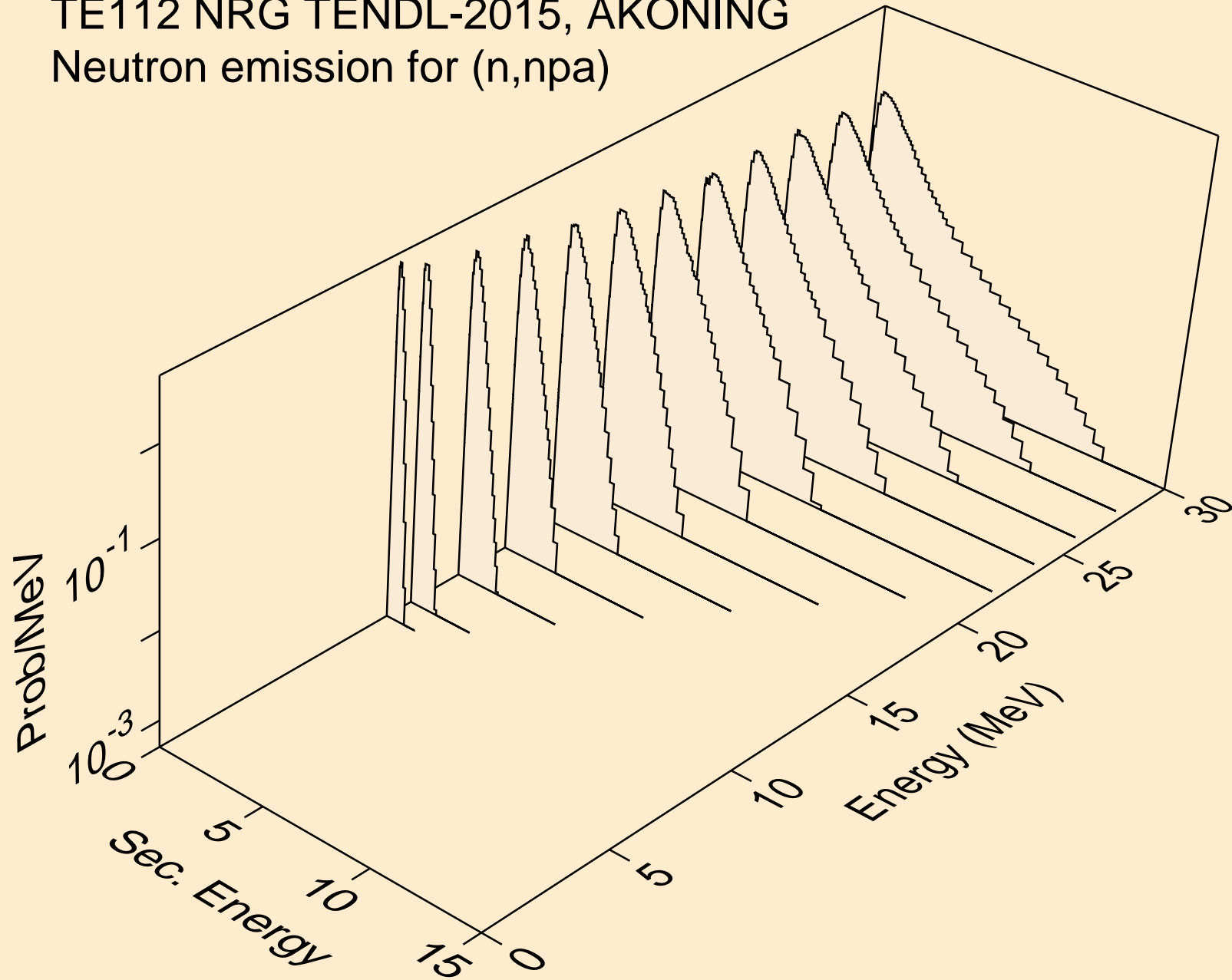


TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

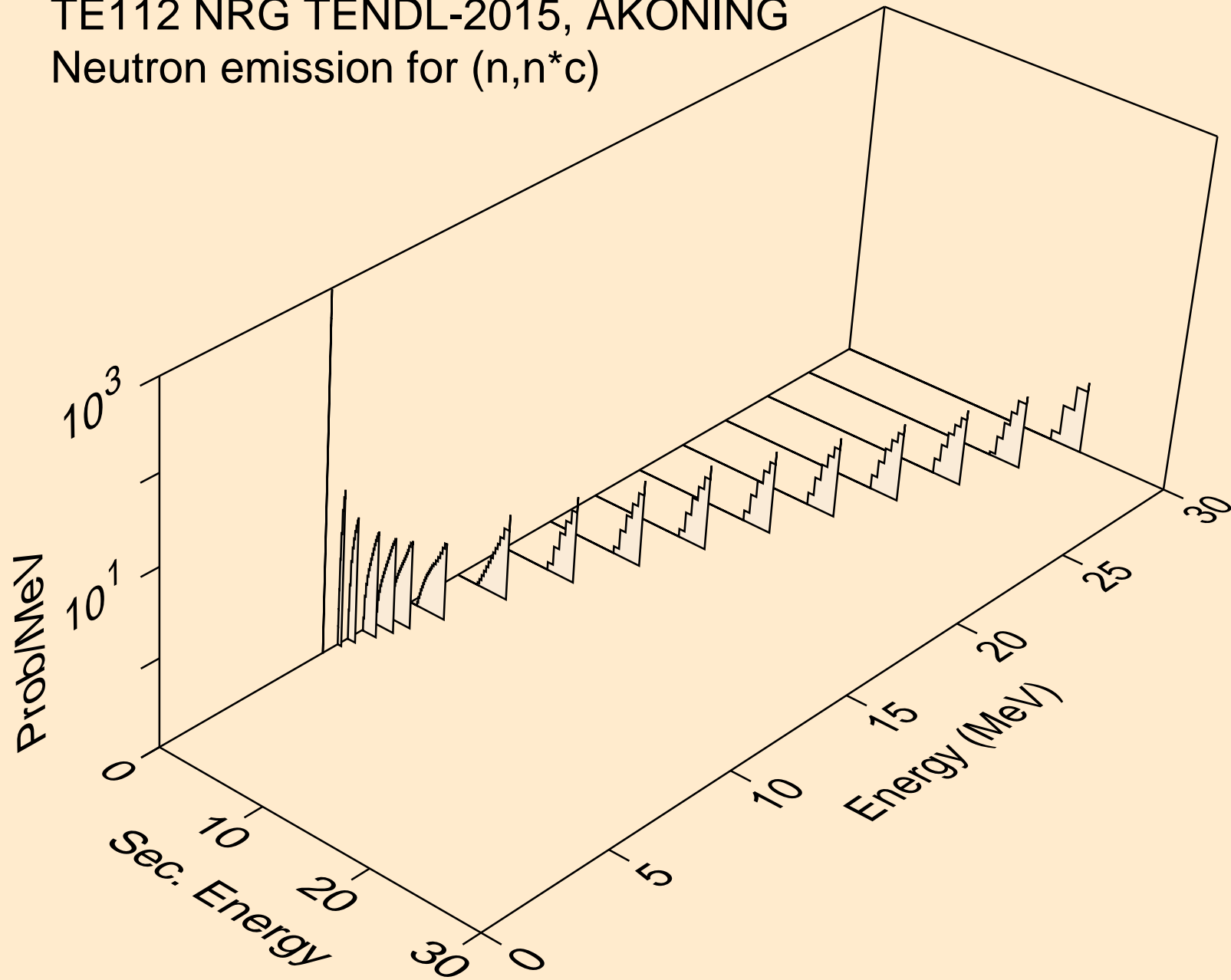




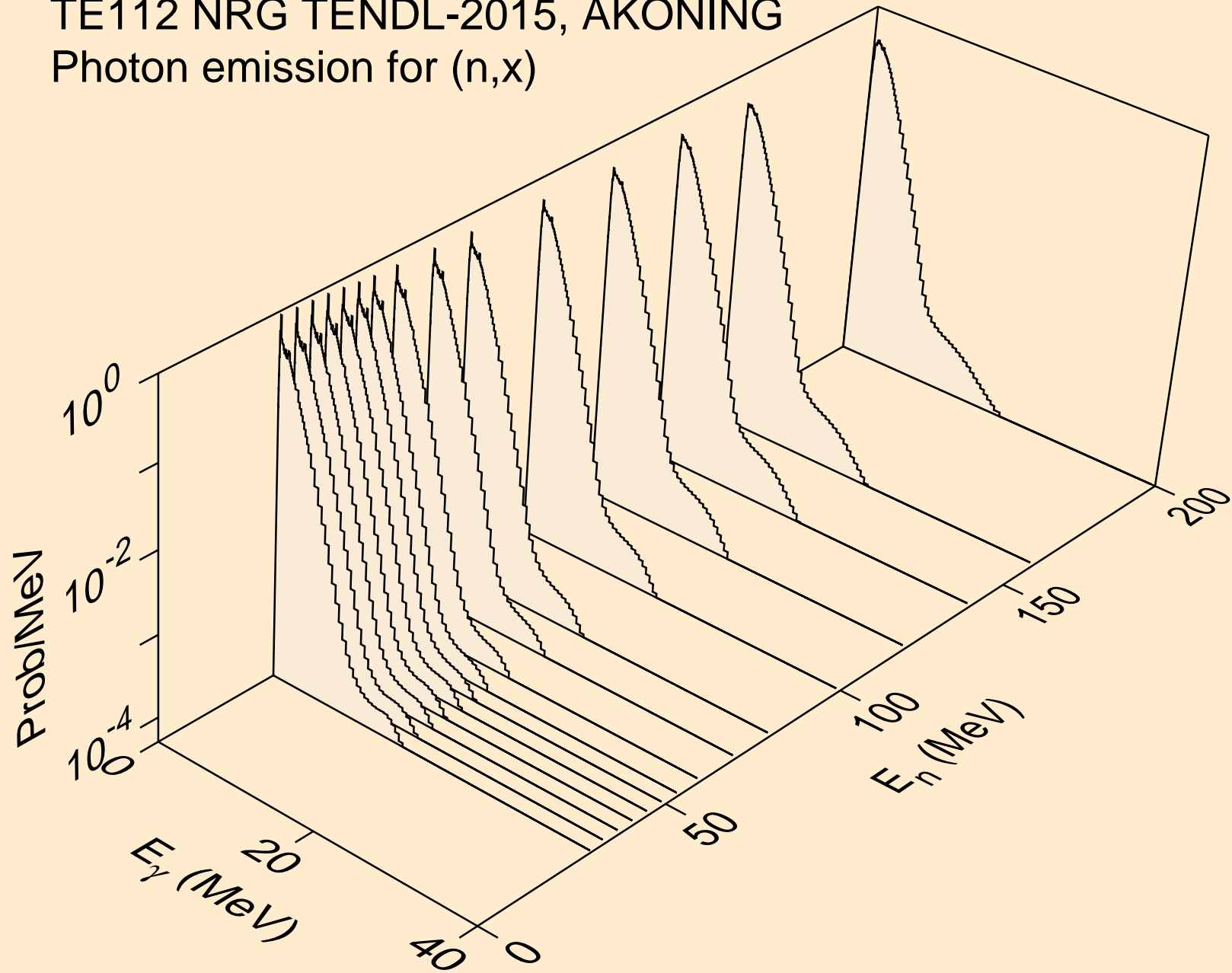
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



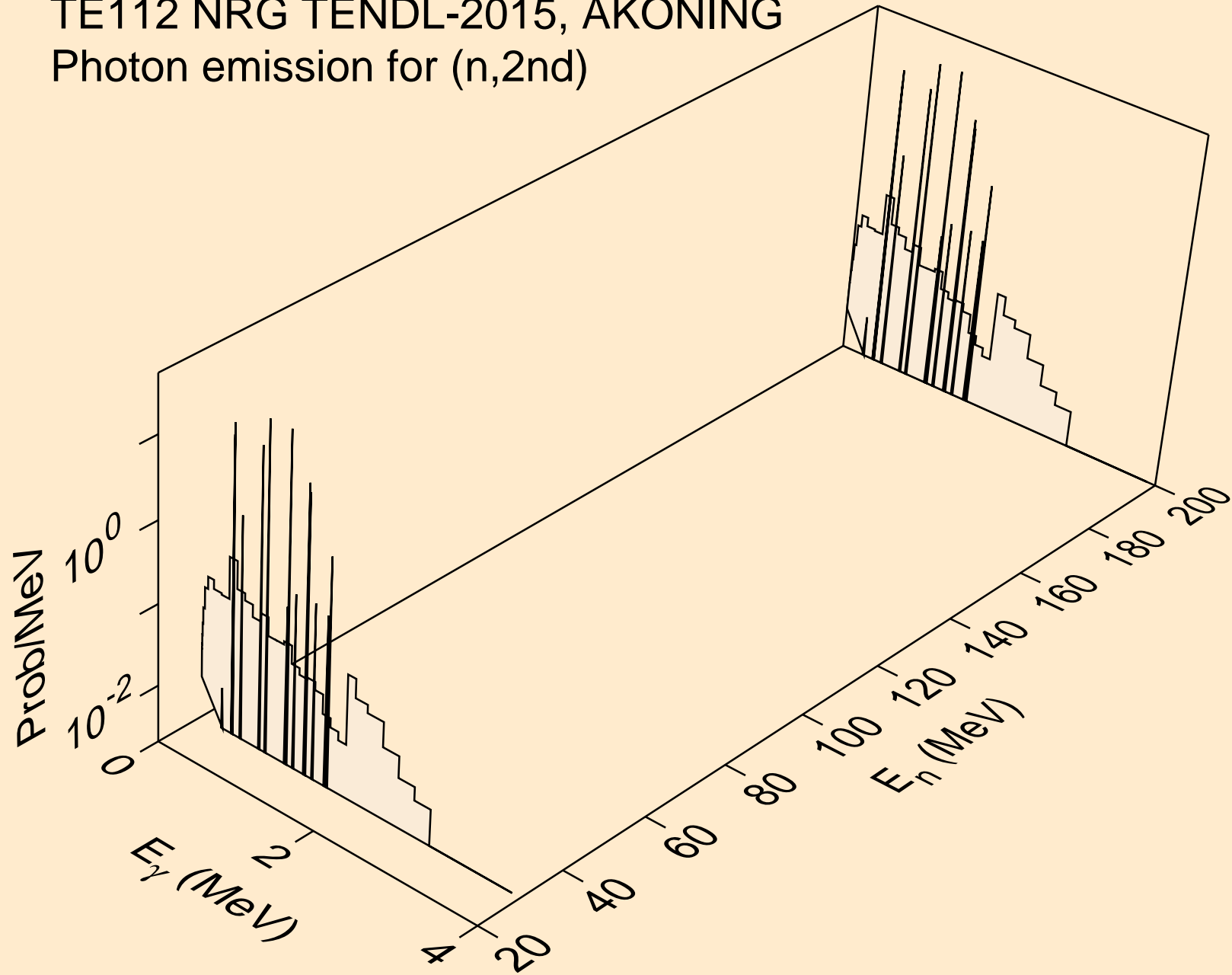
TE112 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



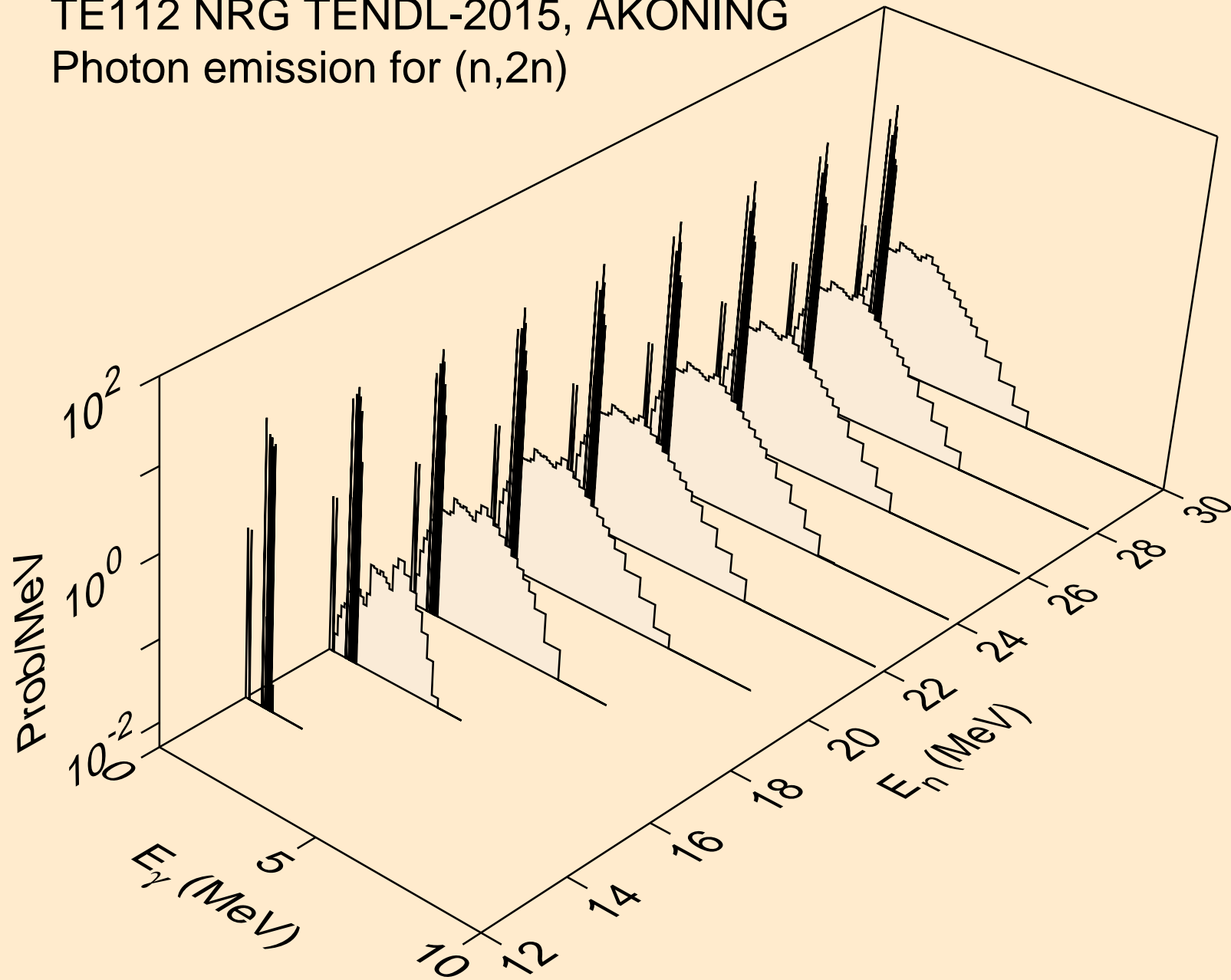
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



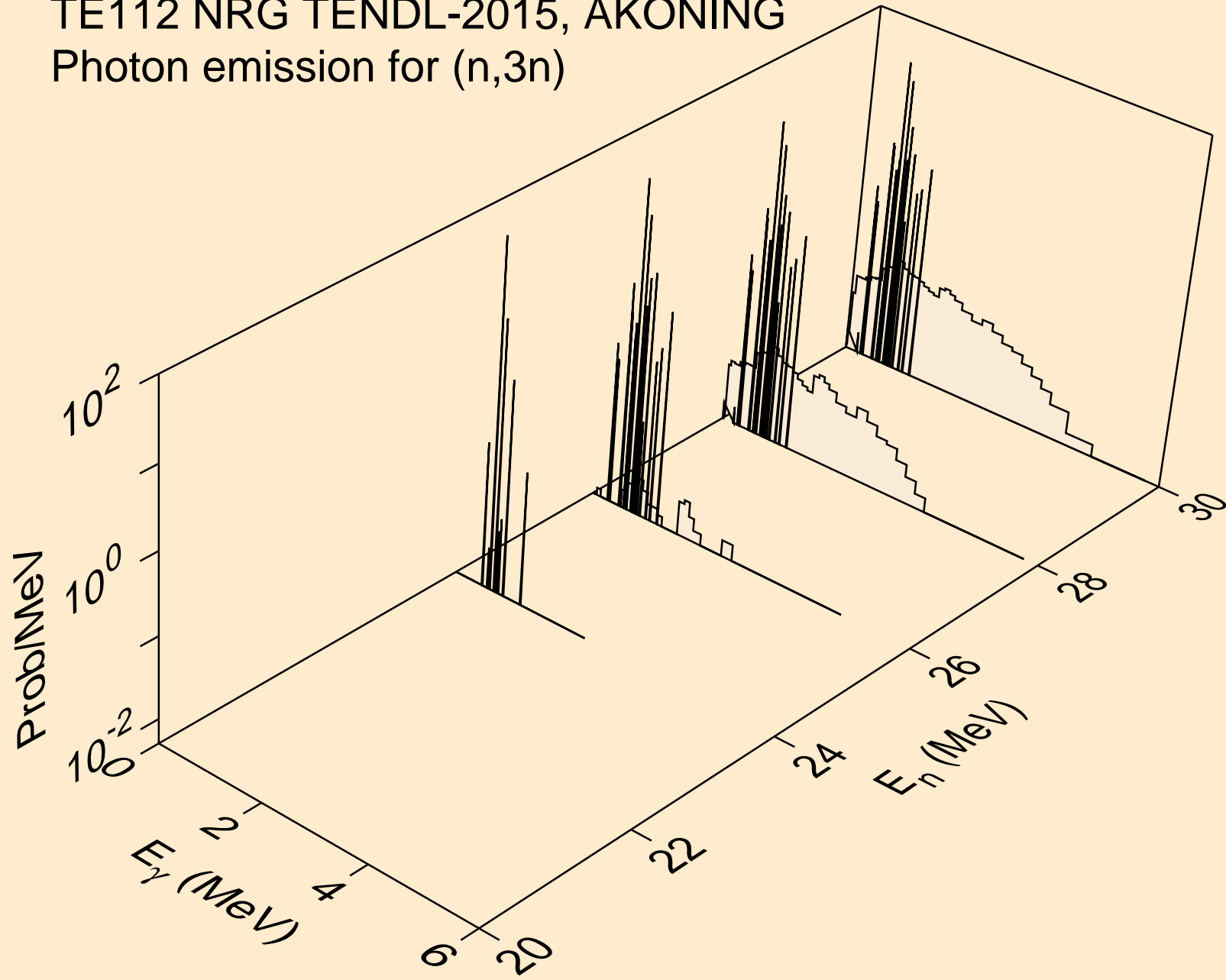
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



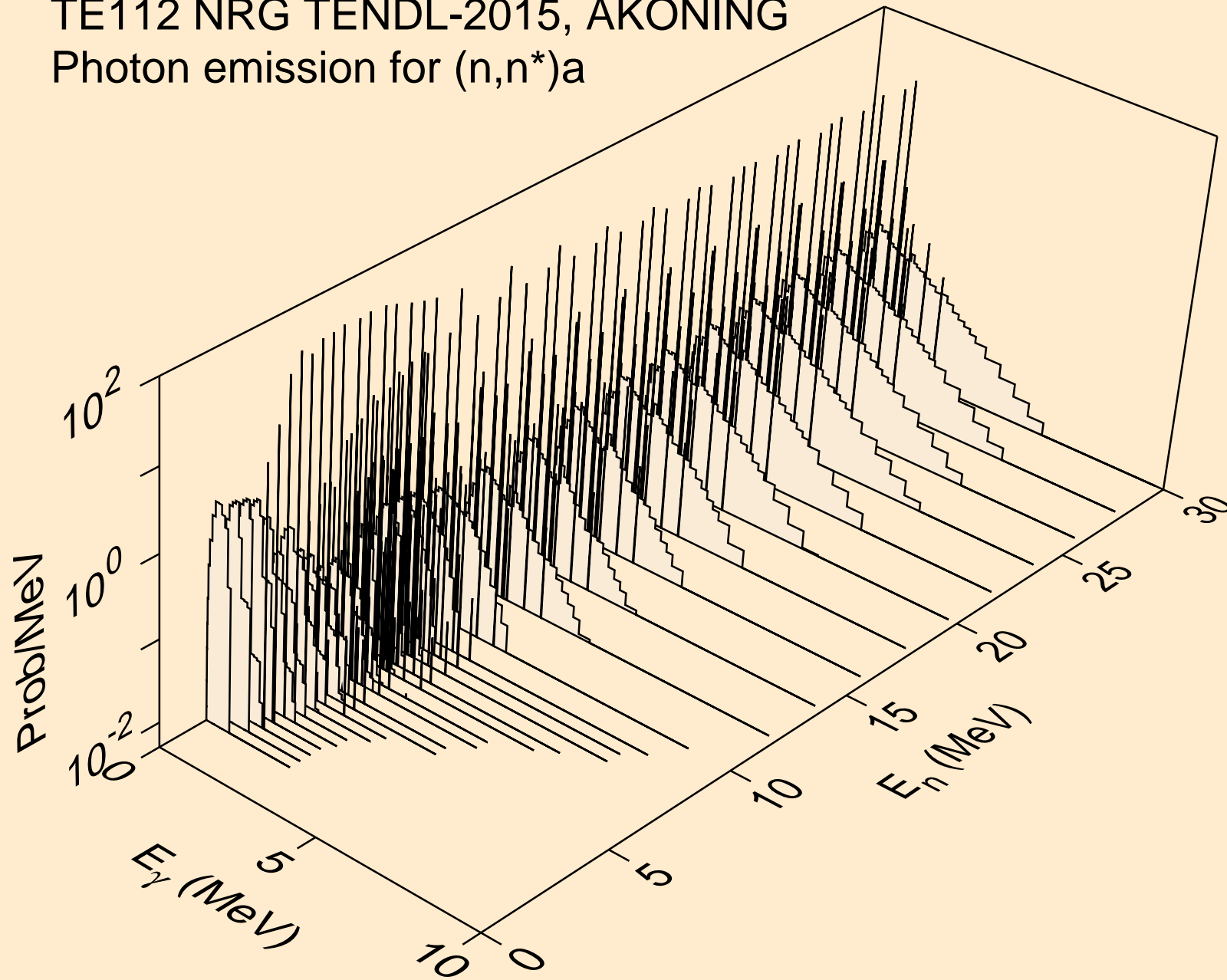
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



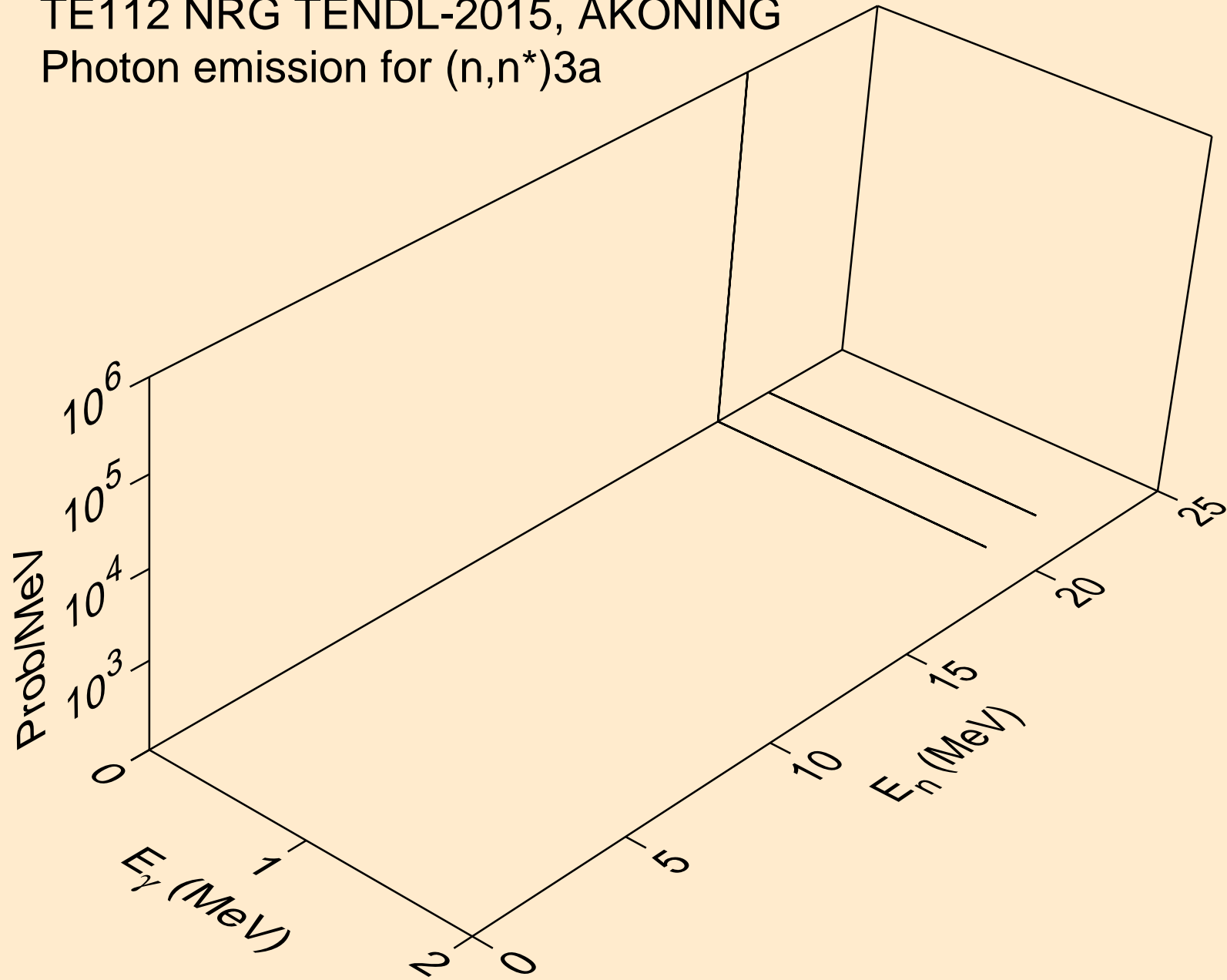
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

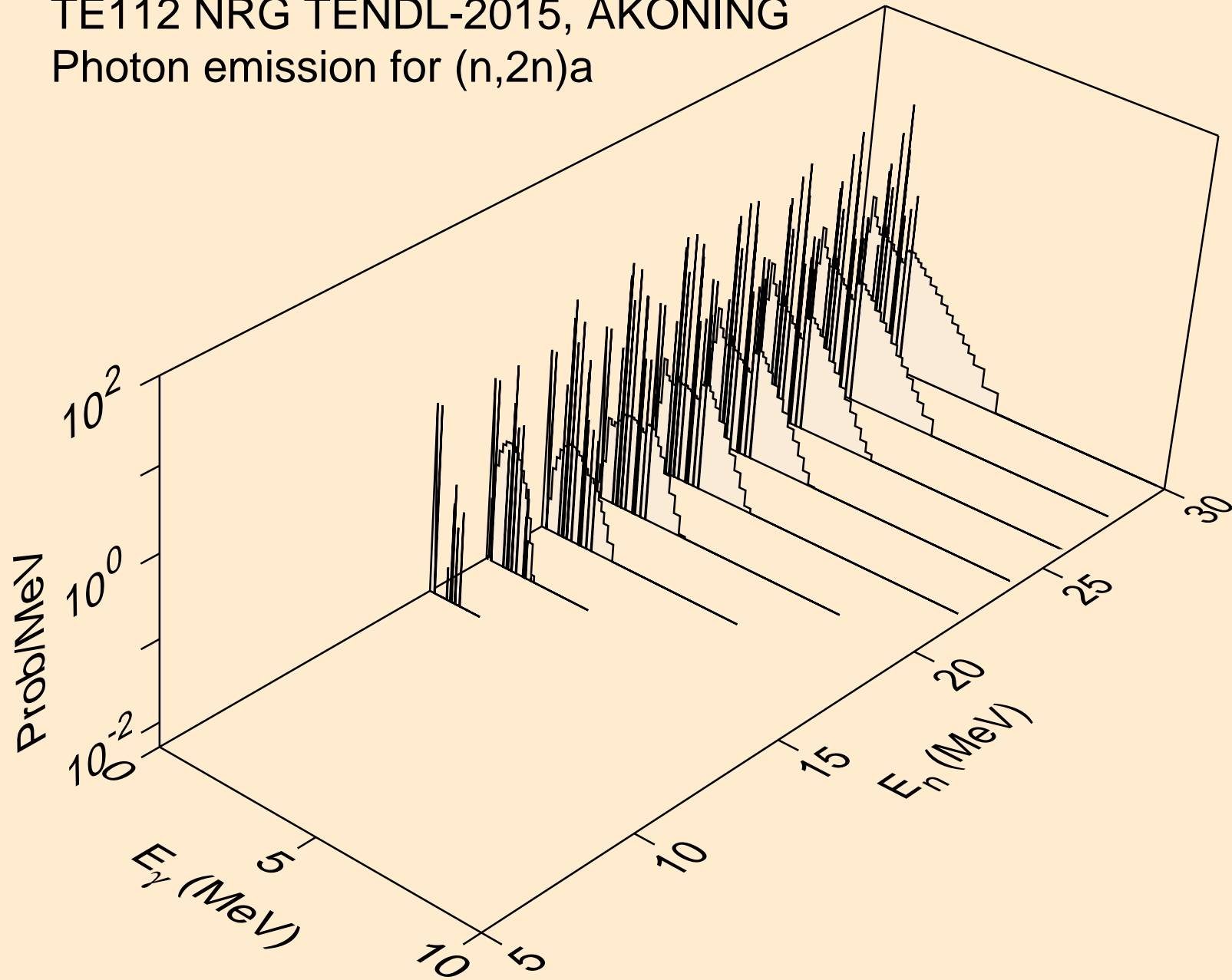


TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

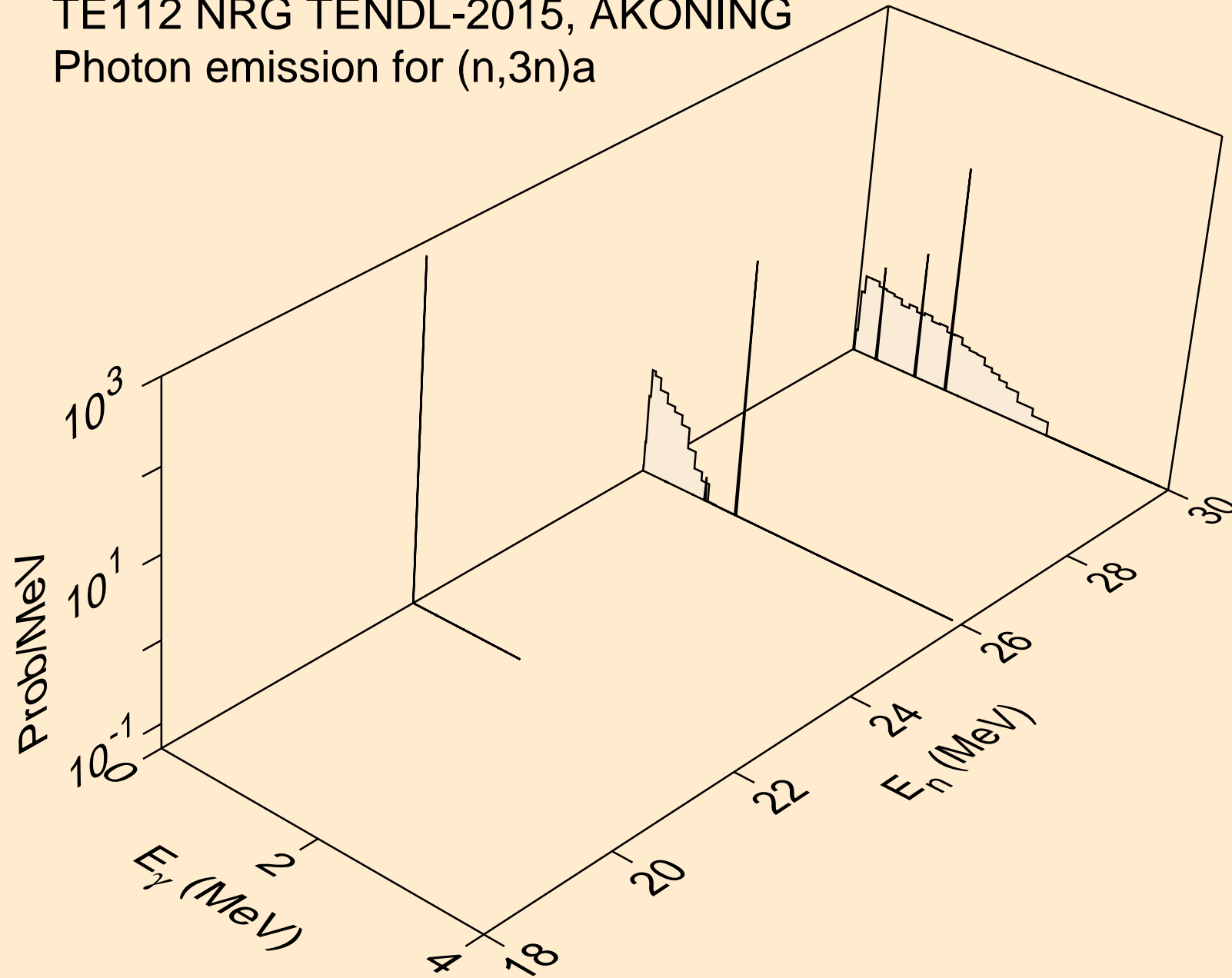




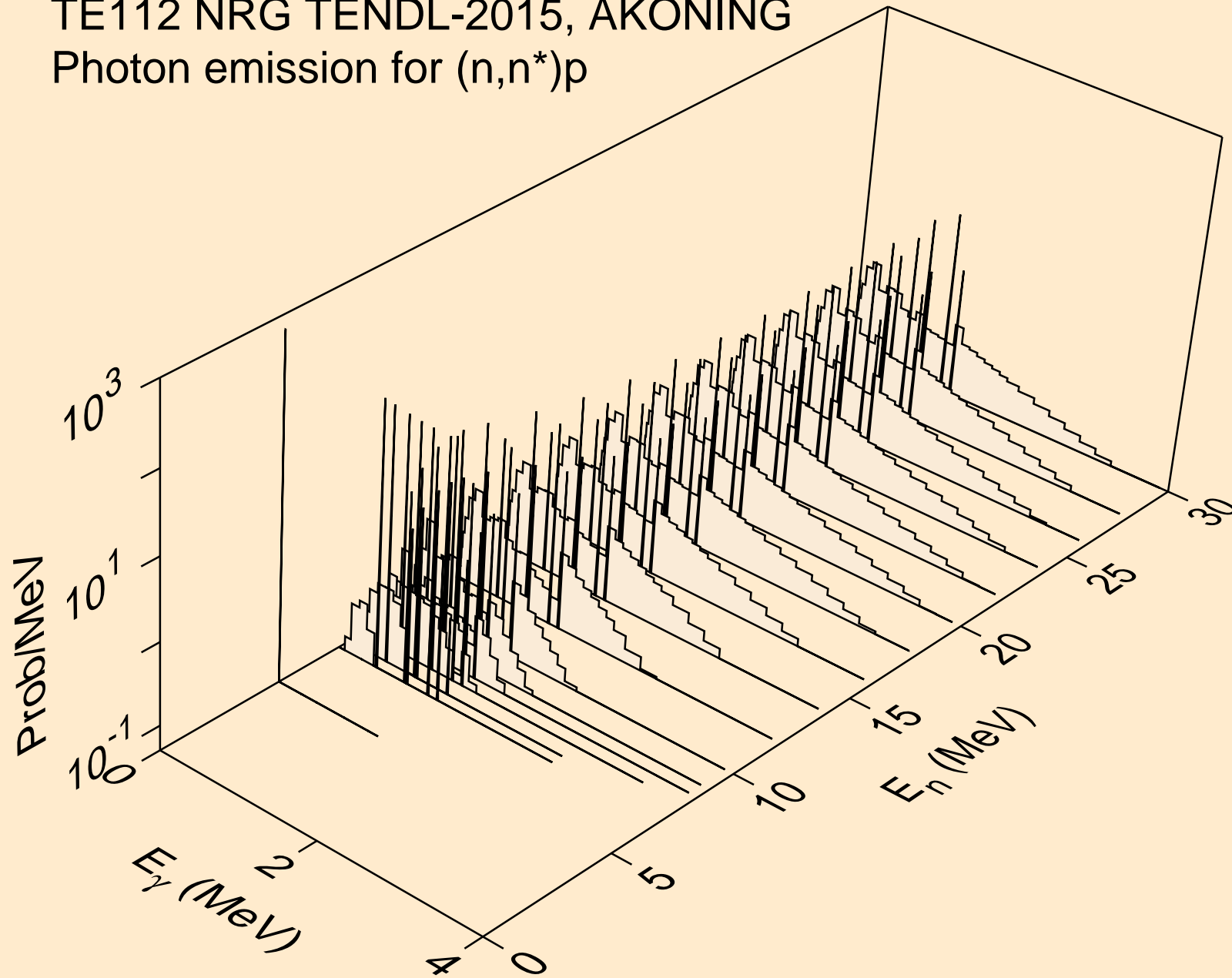
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



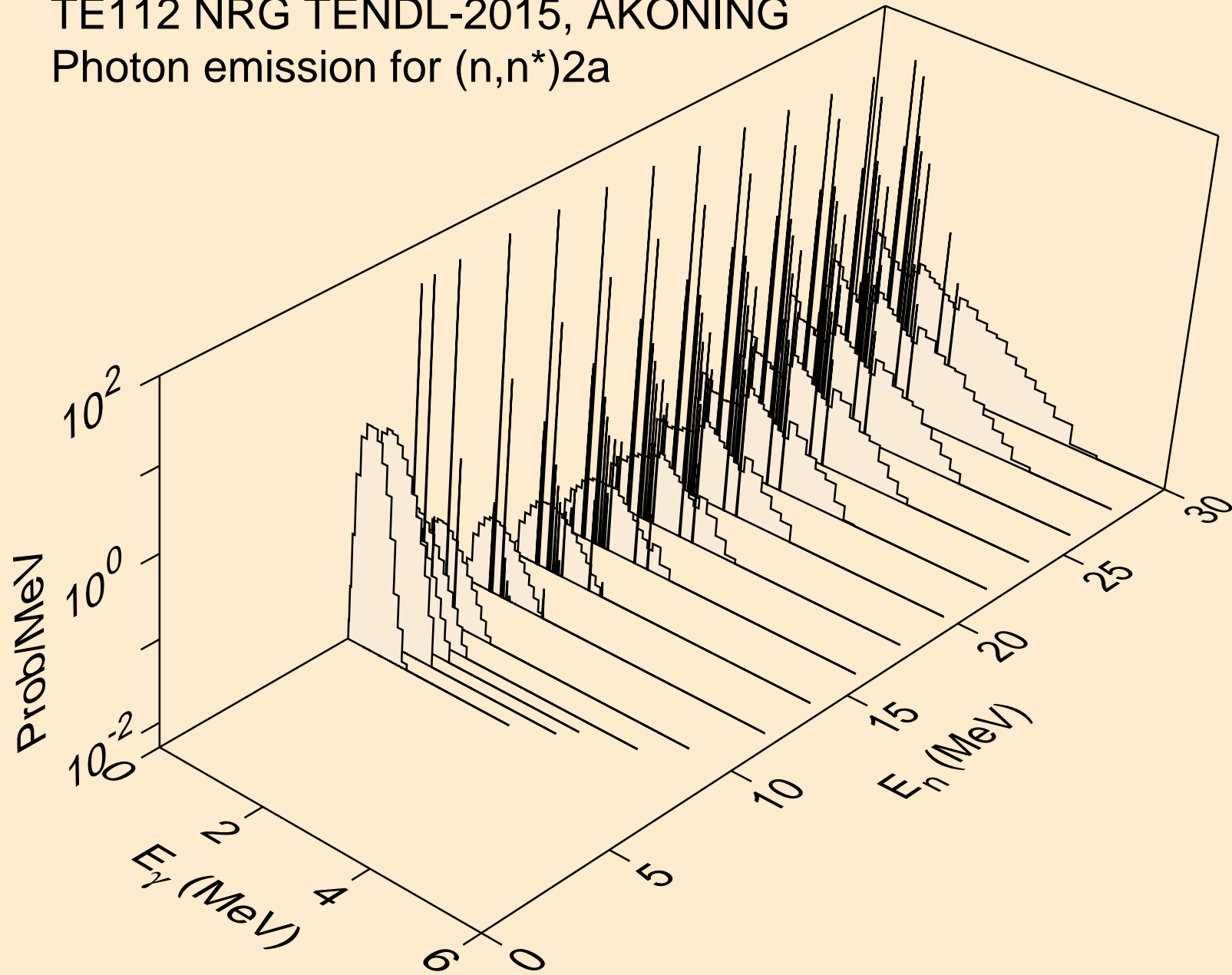
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



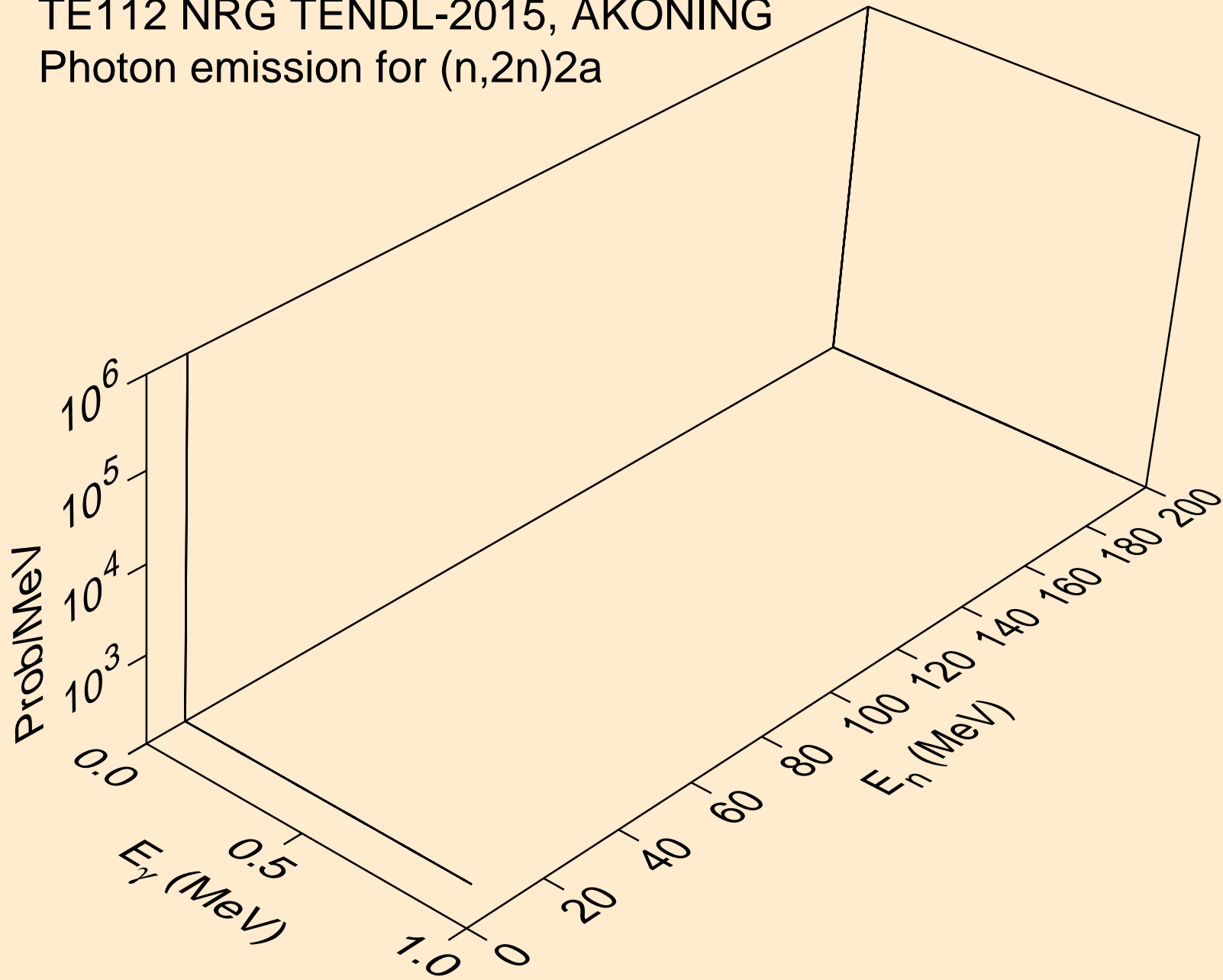
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



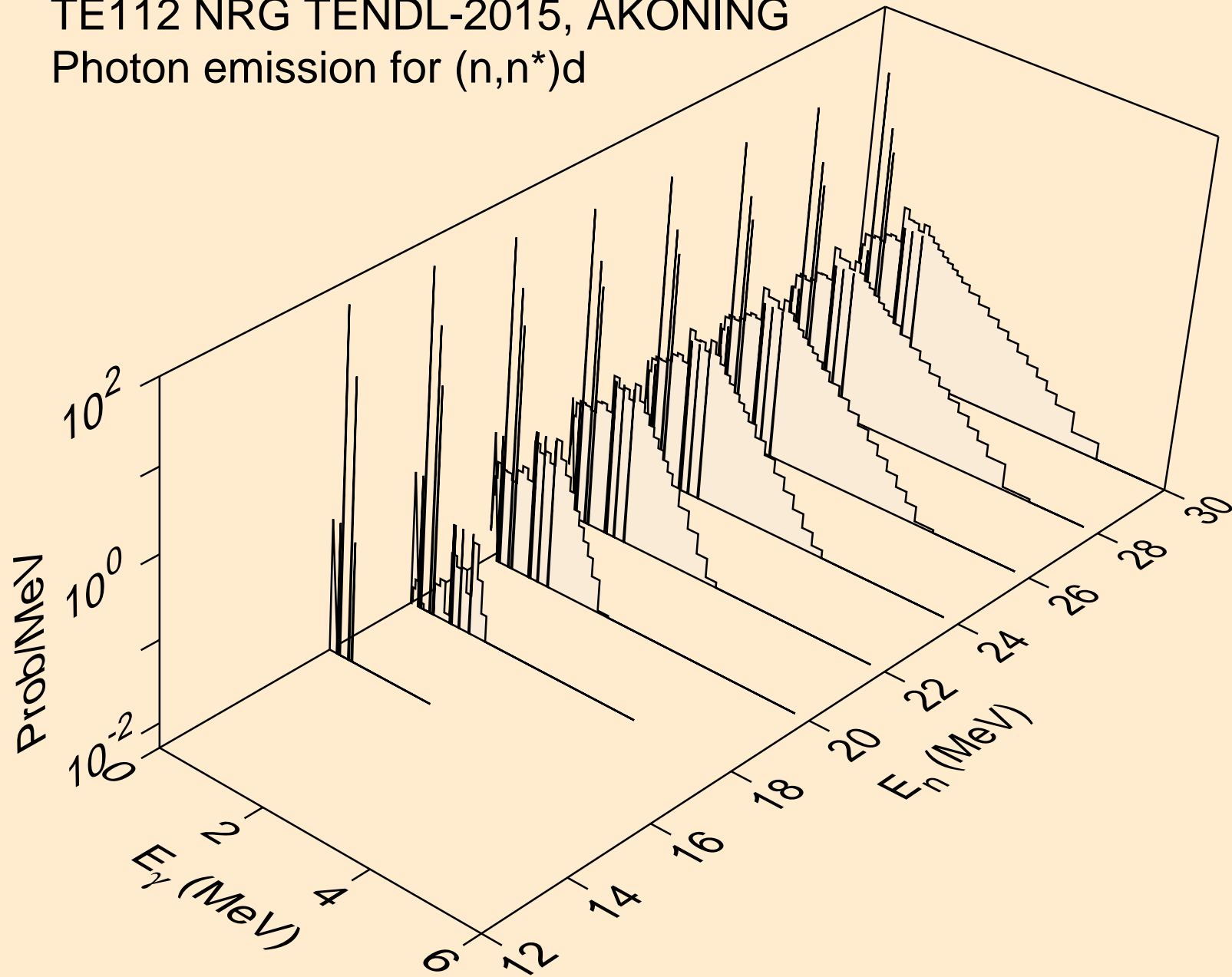
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



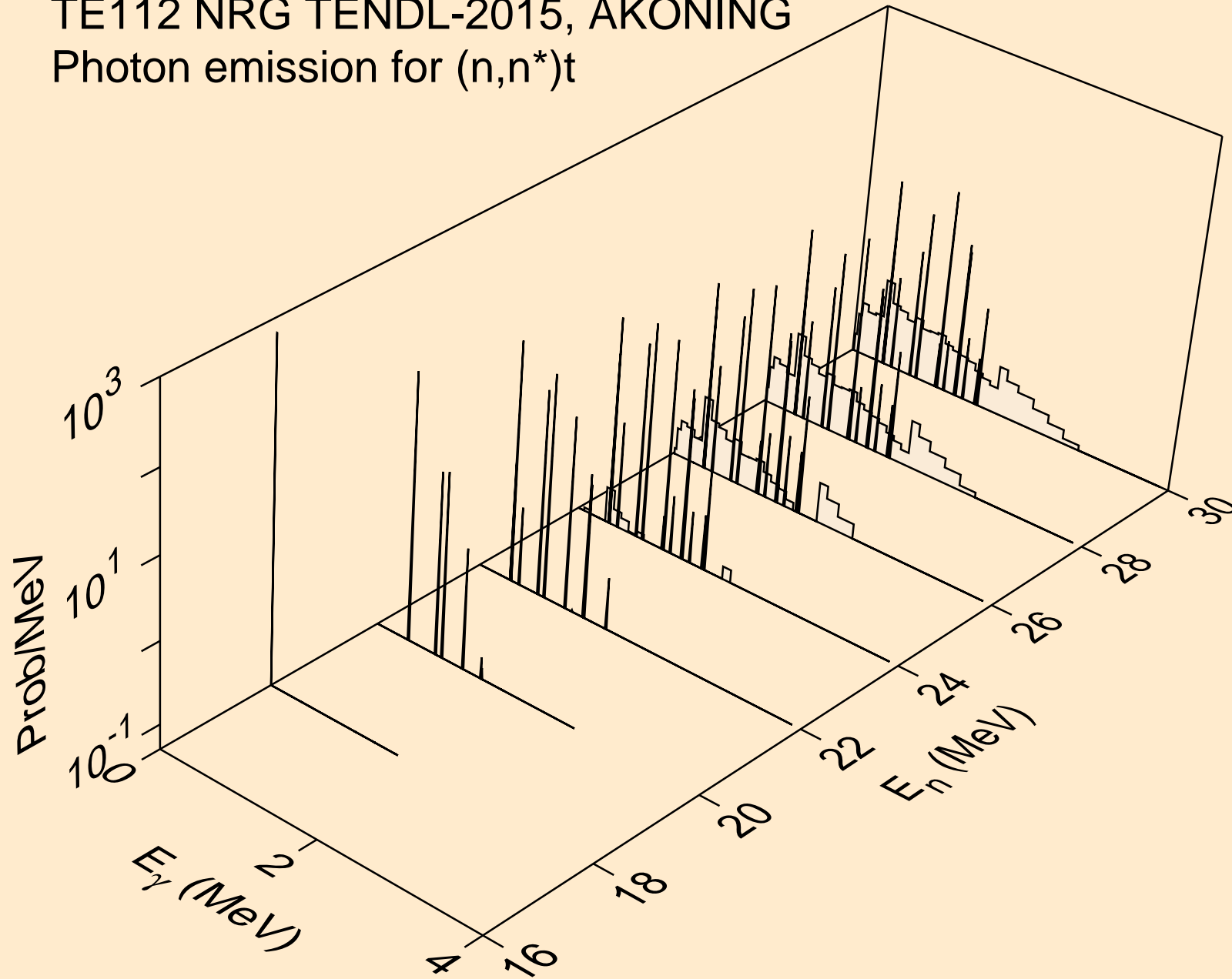
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



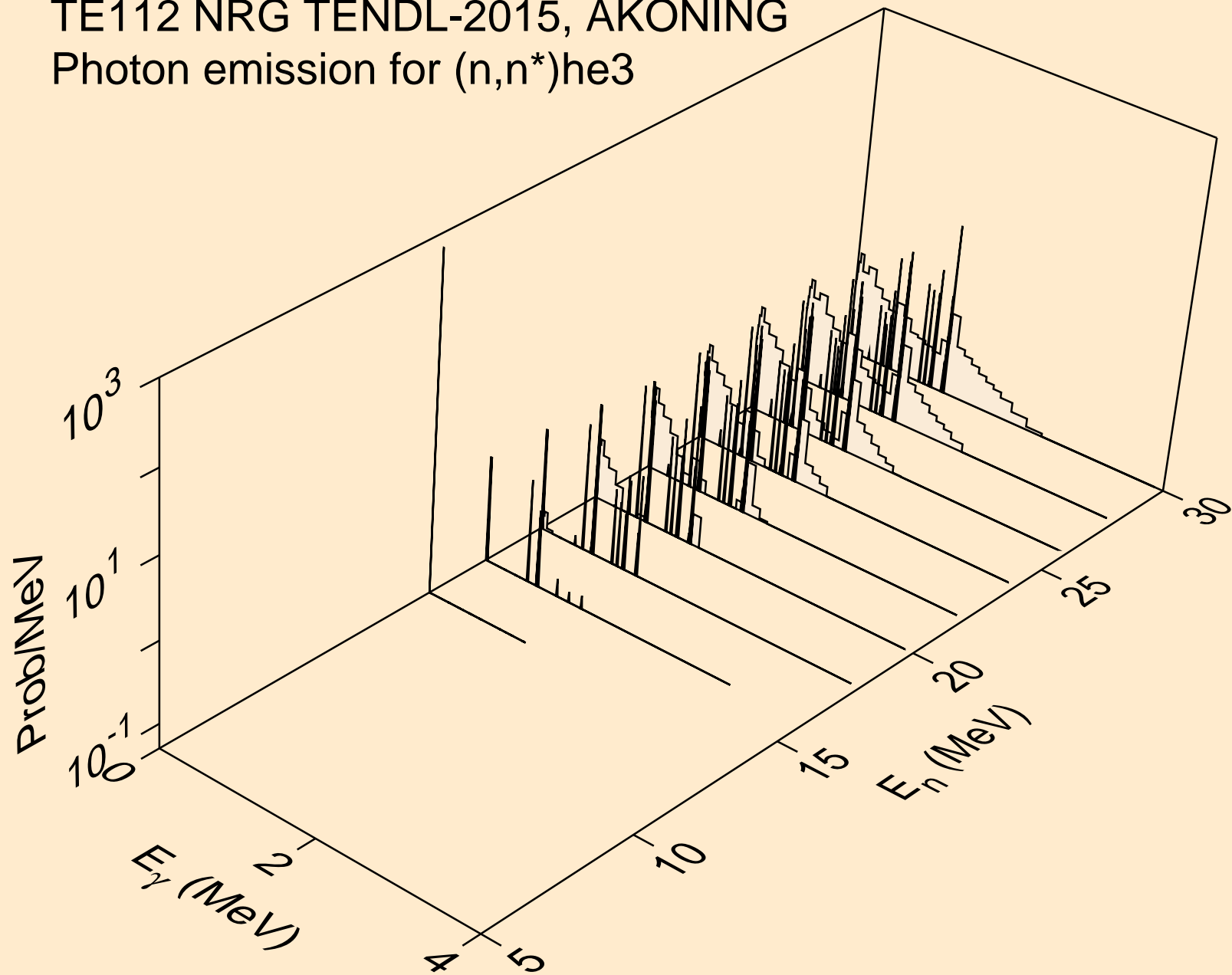
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

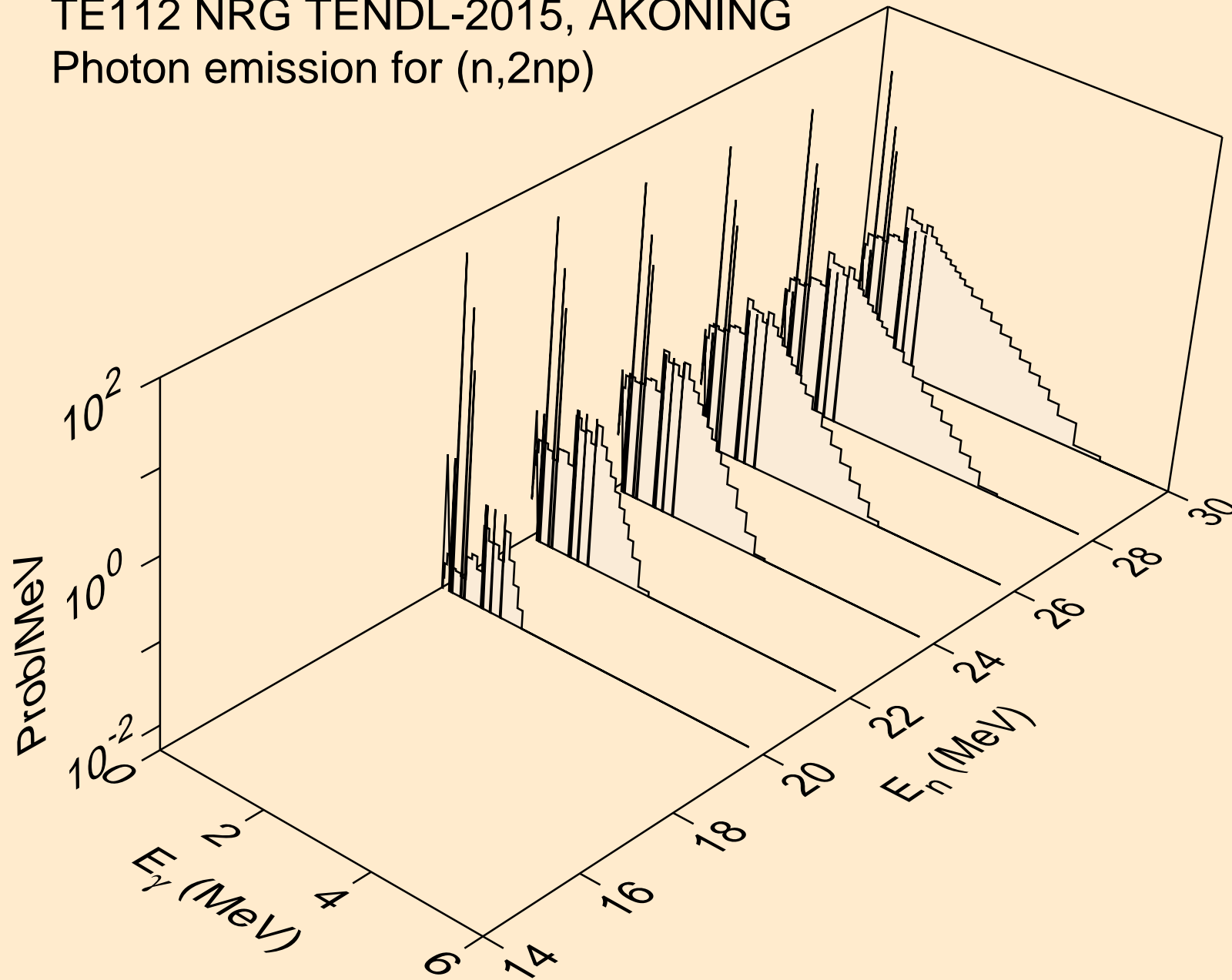


TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

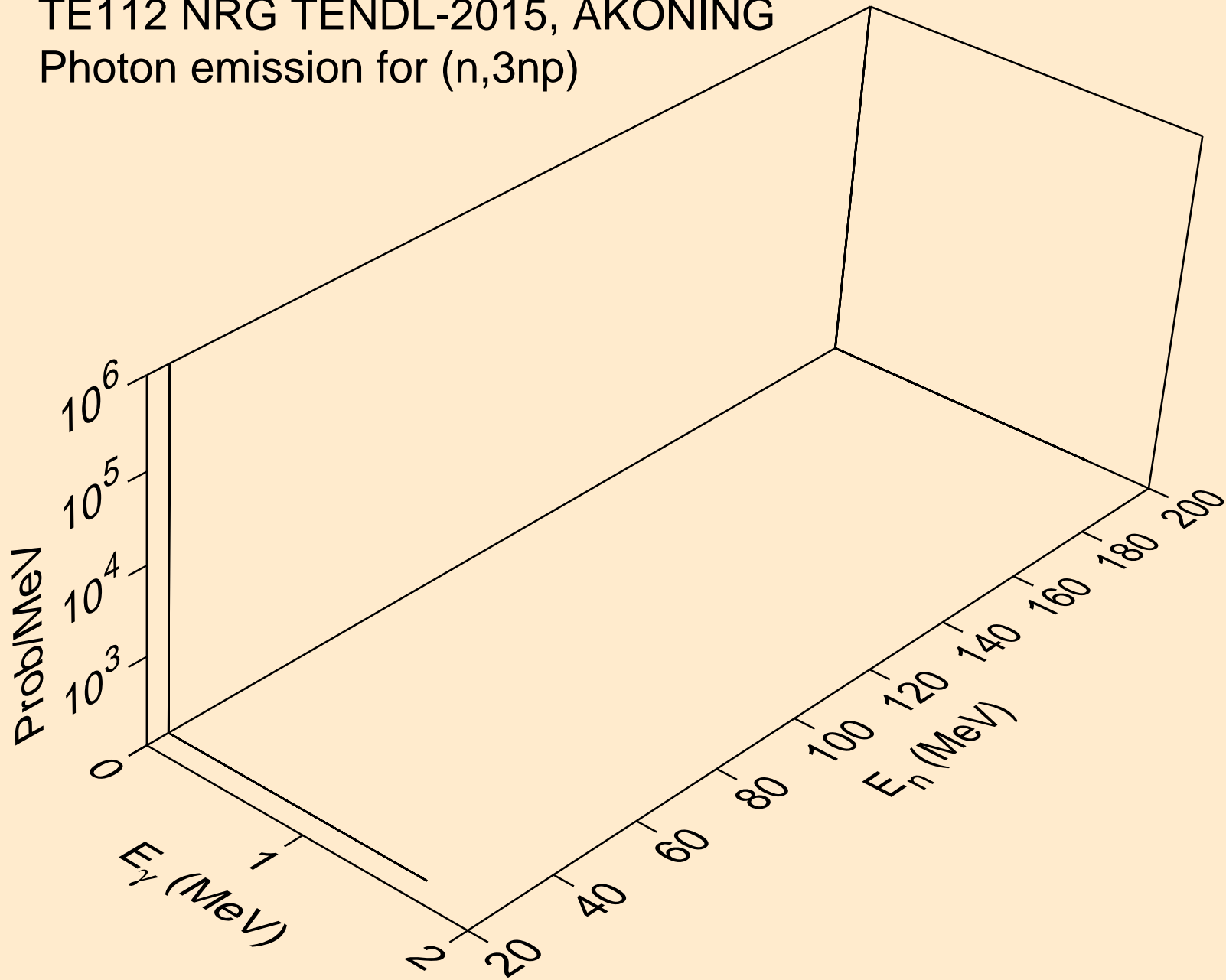




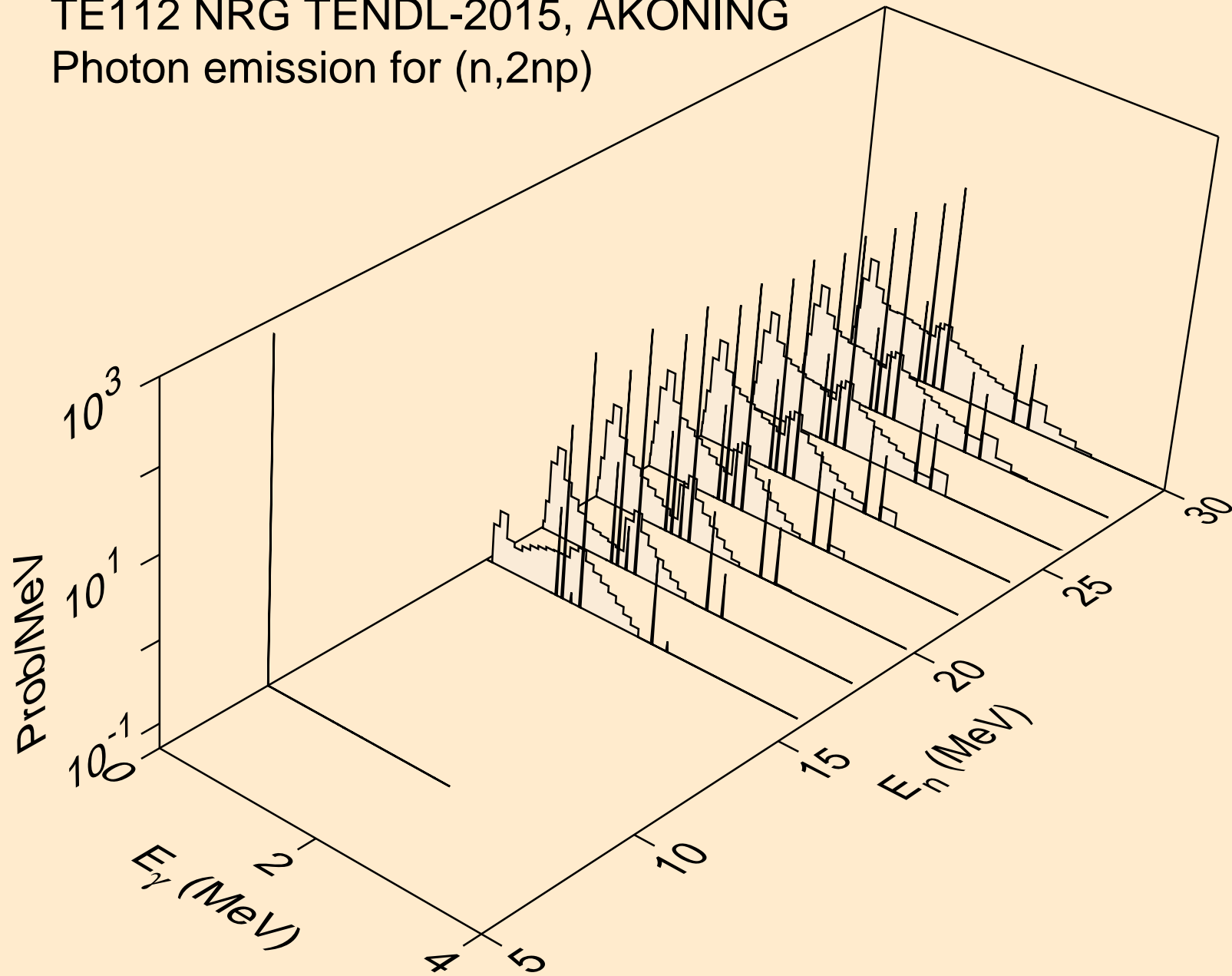
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



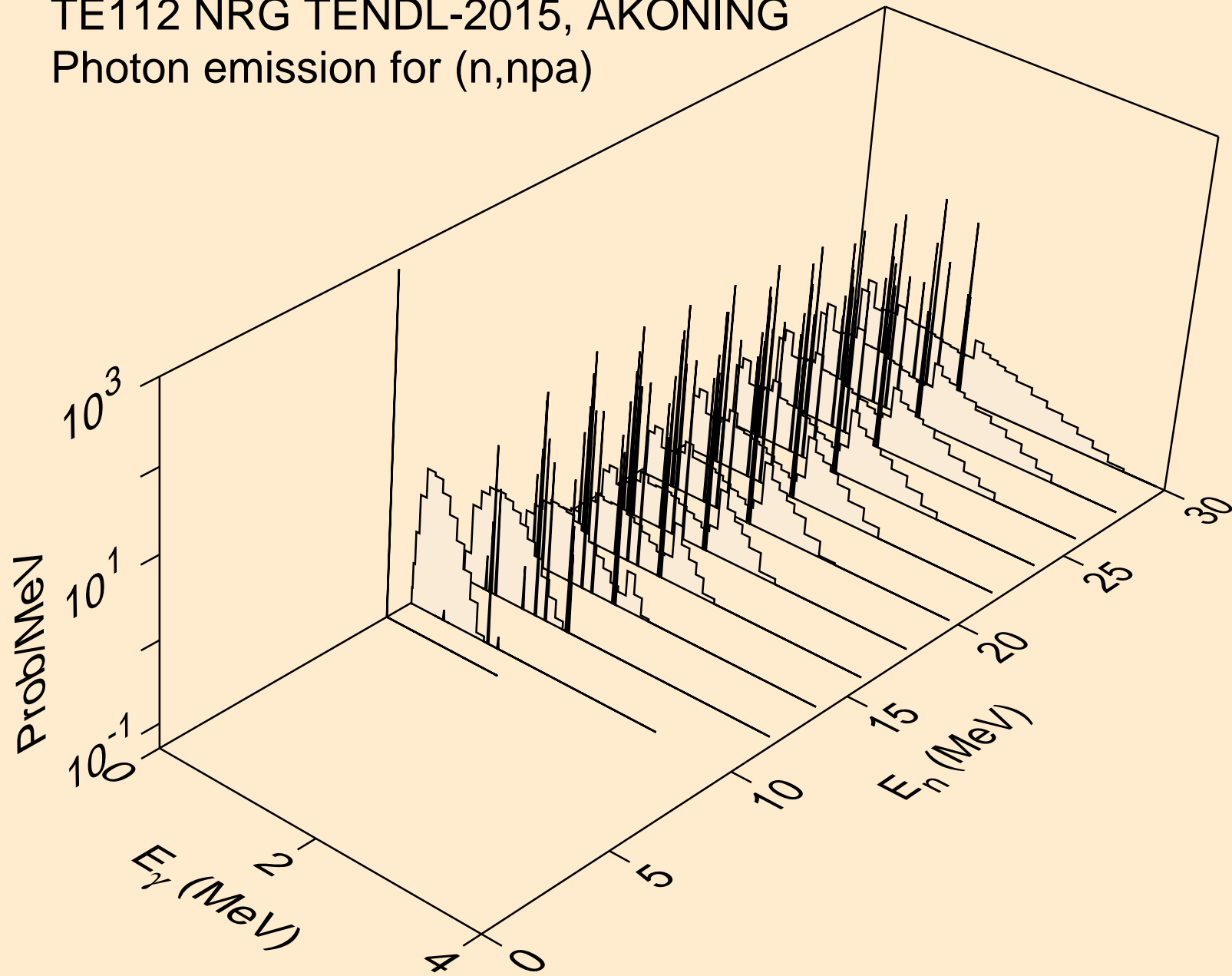
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



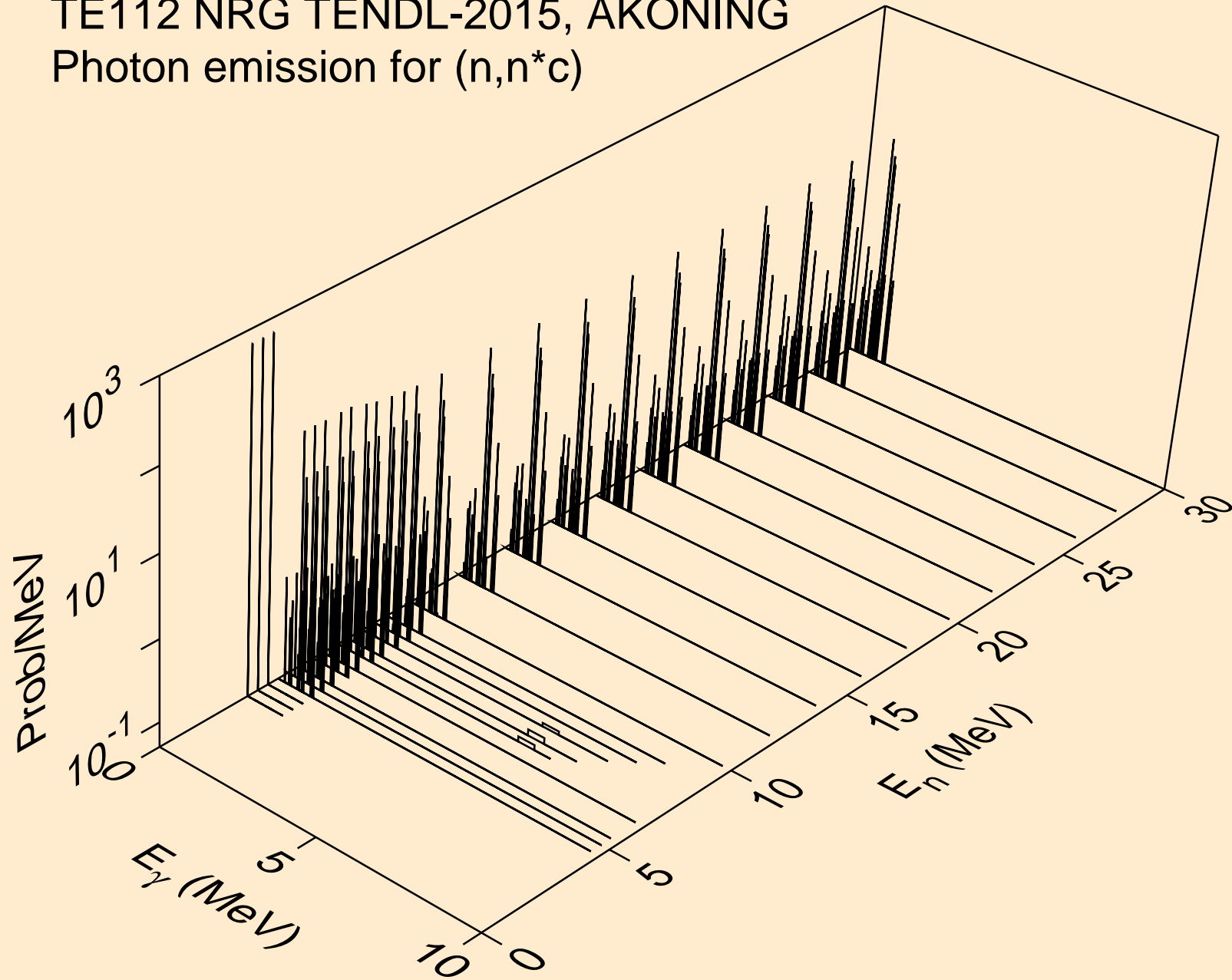
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



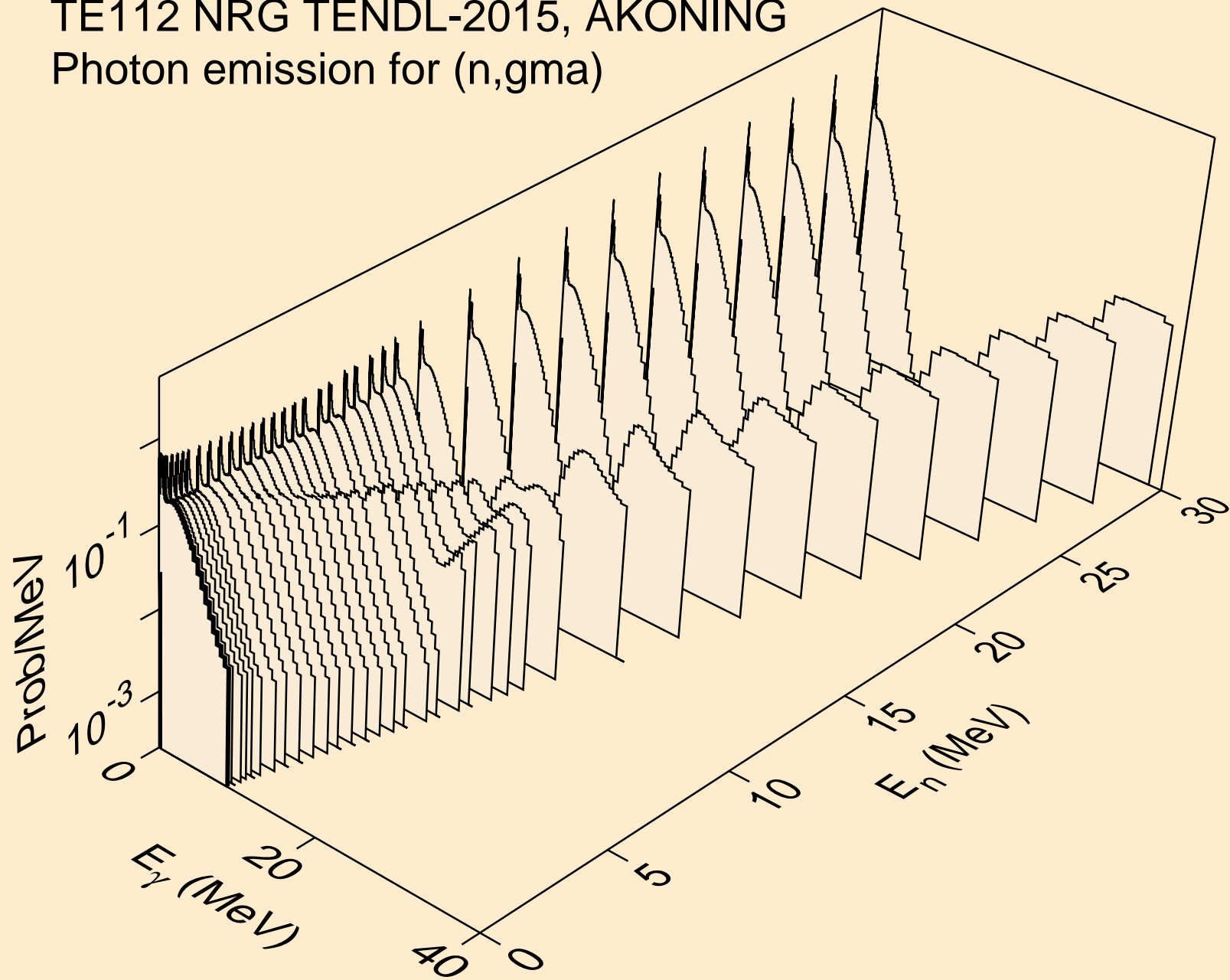
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



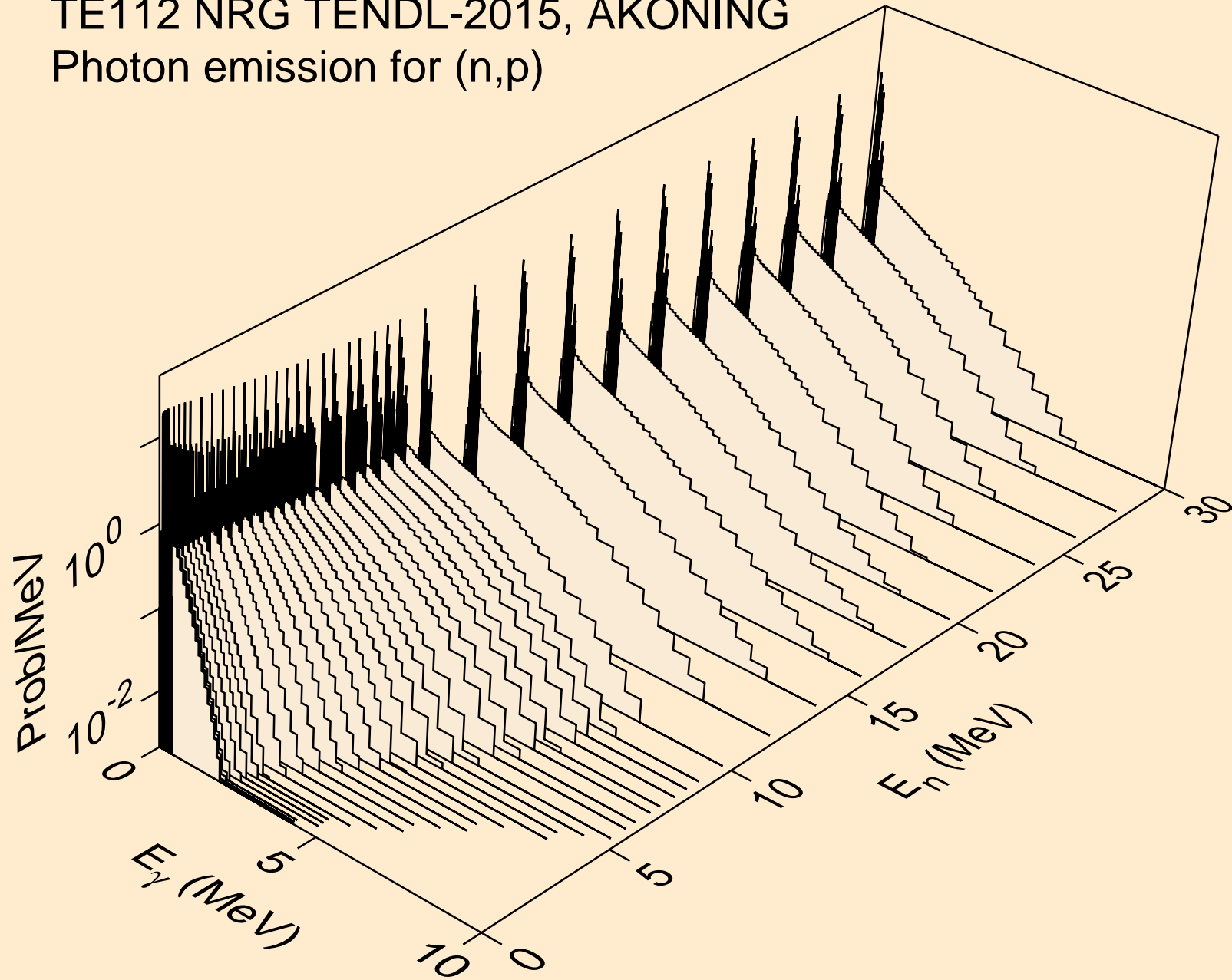
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



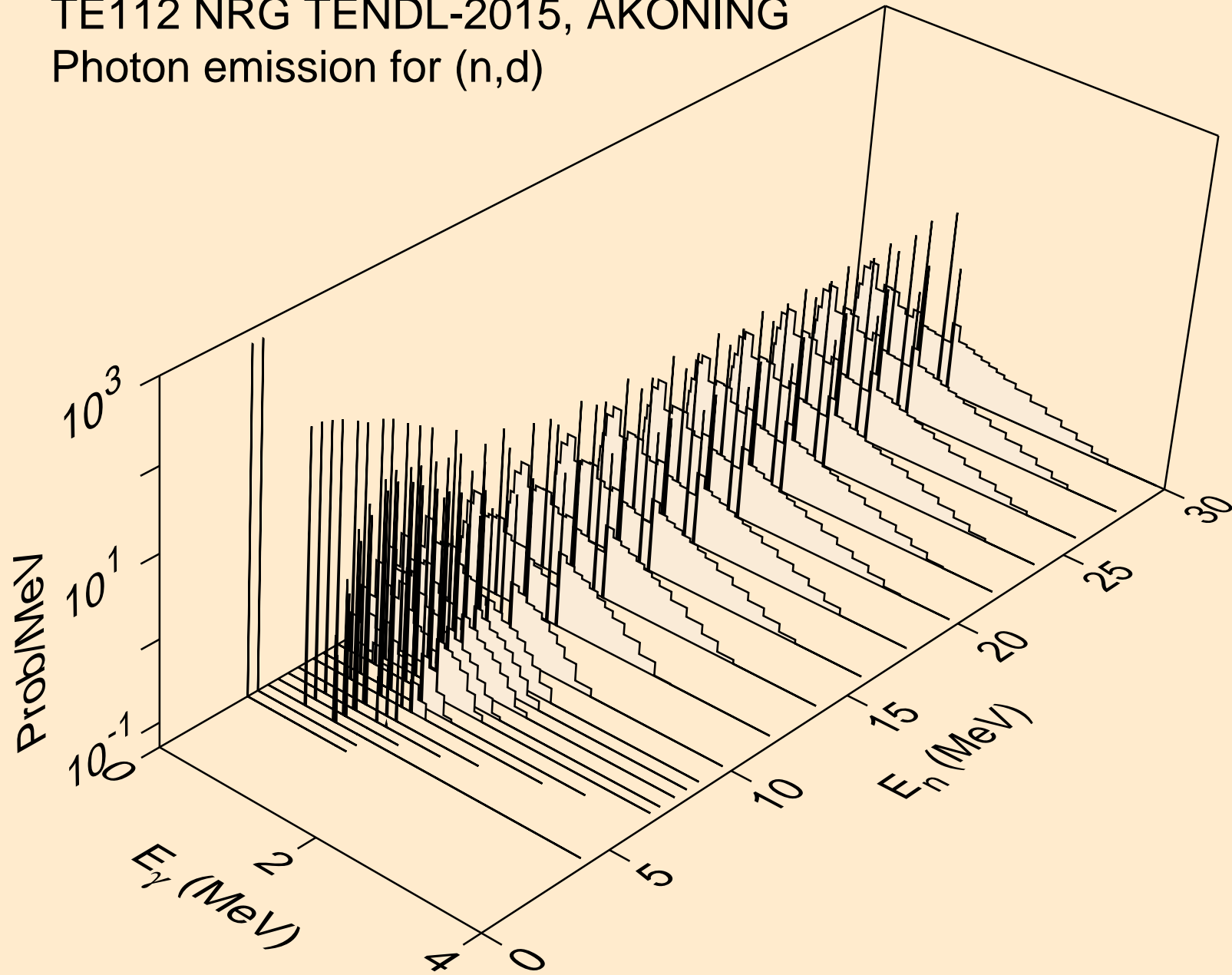
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

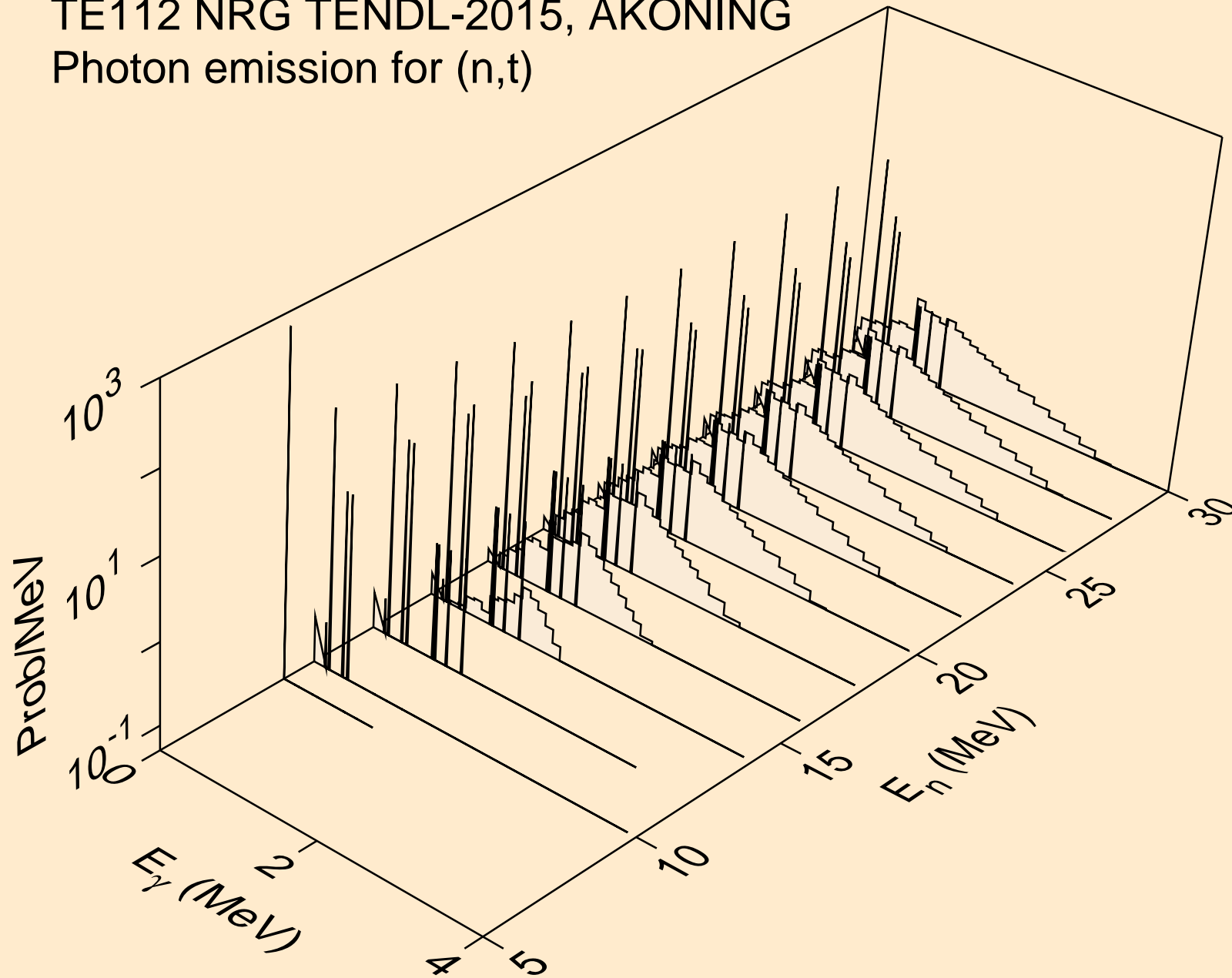


TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

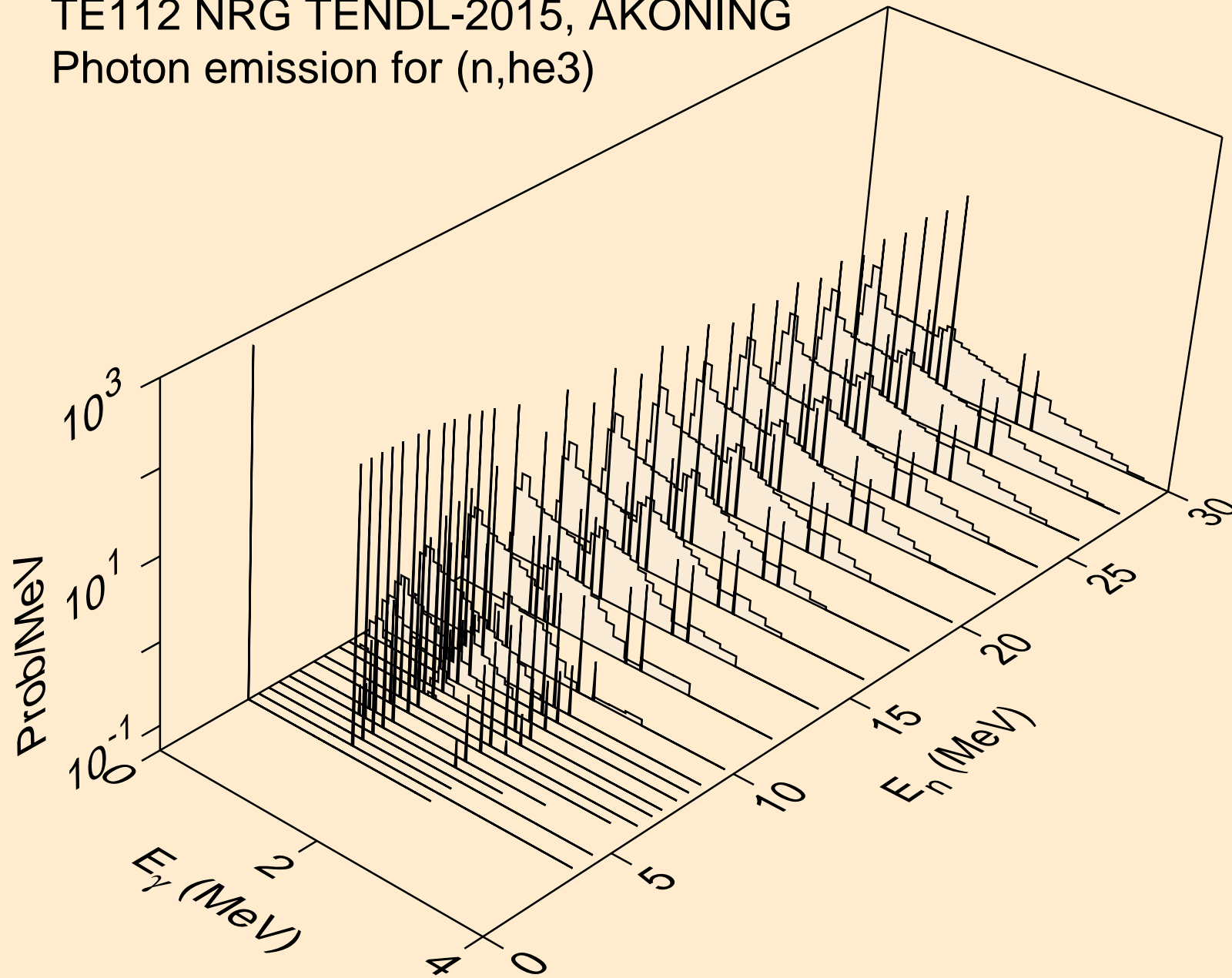




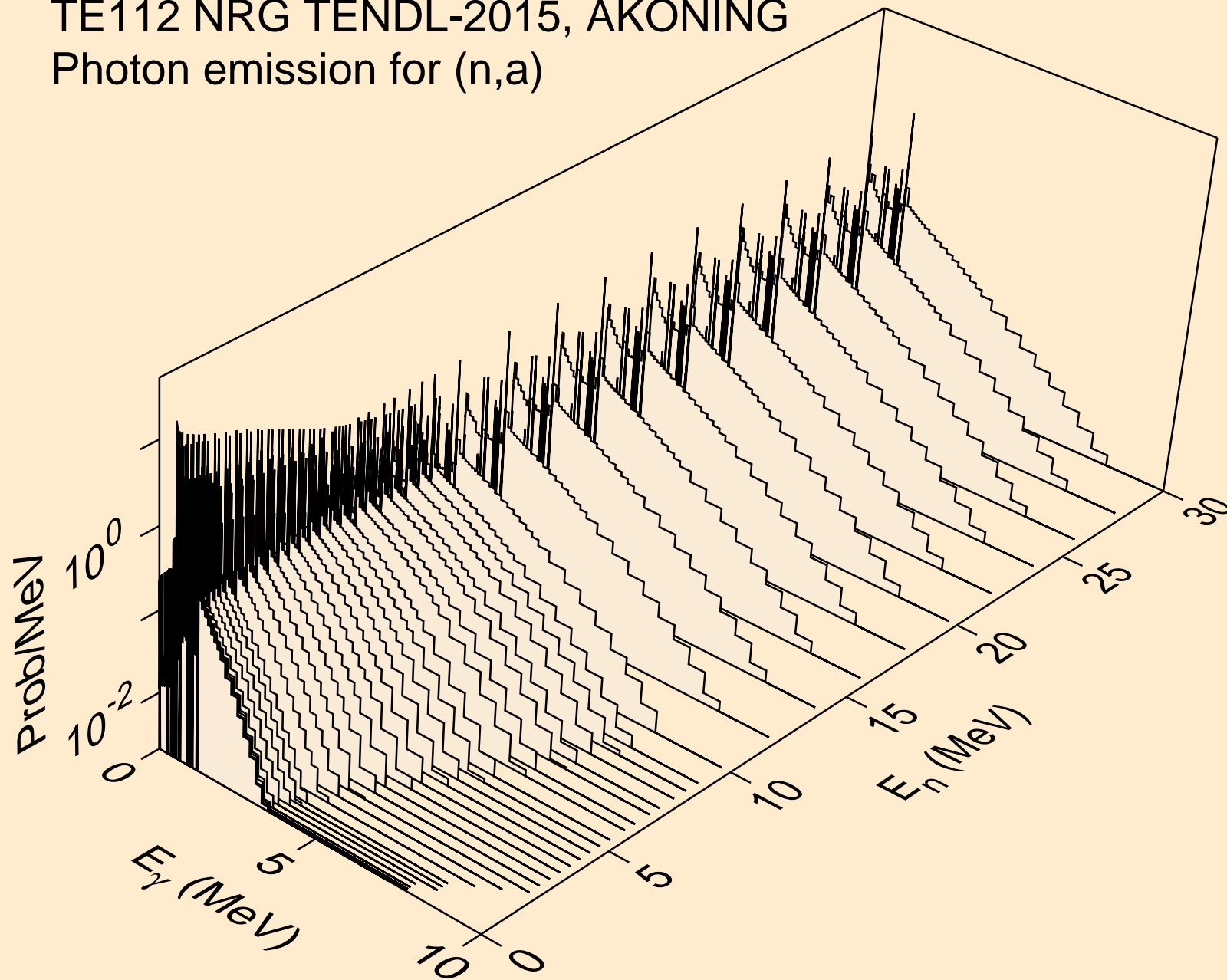
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



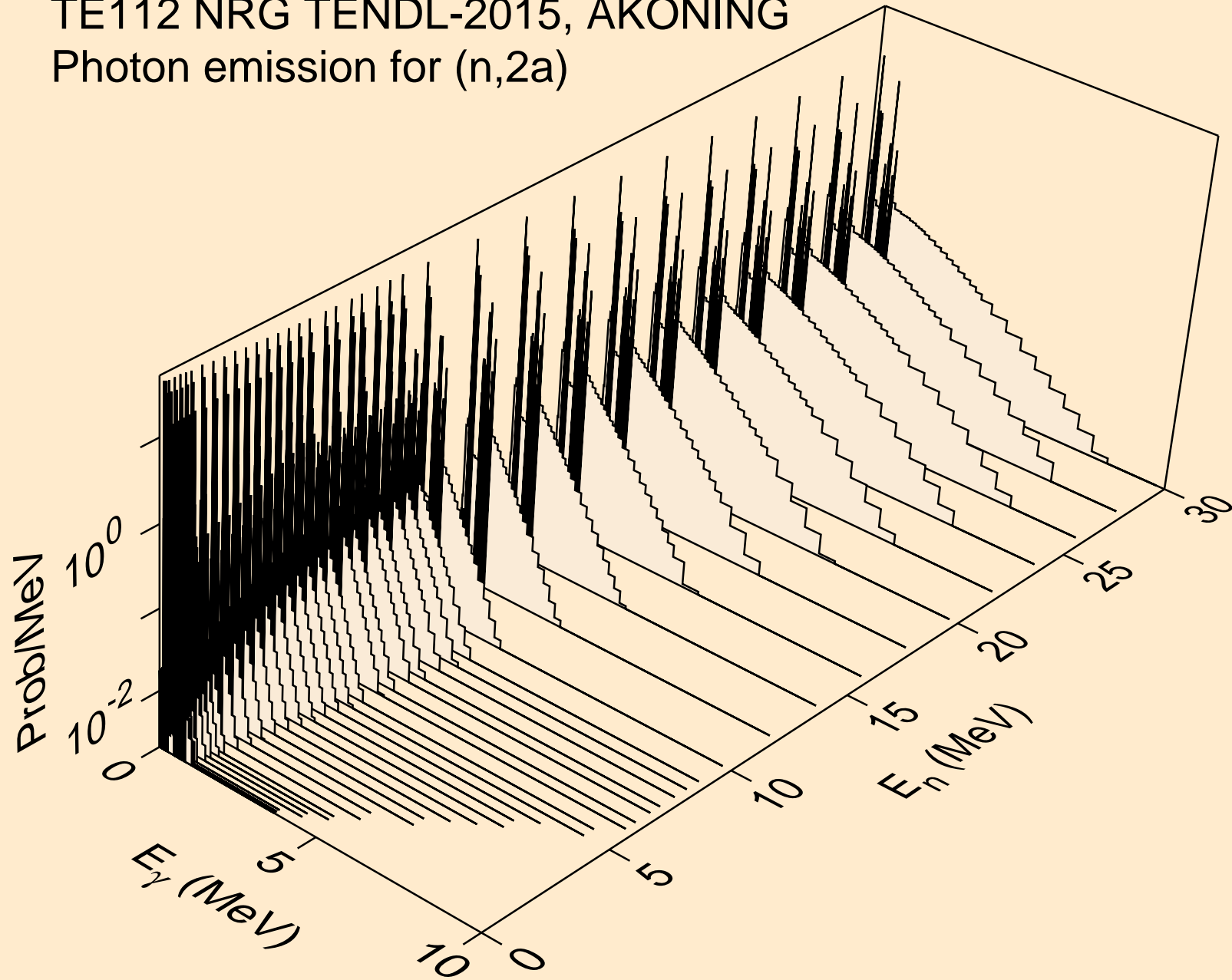
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



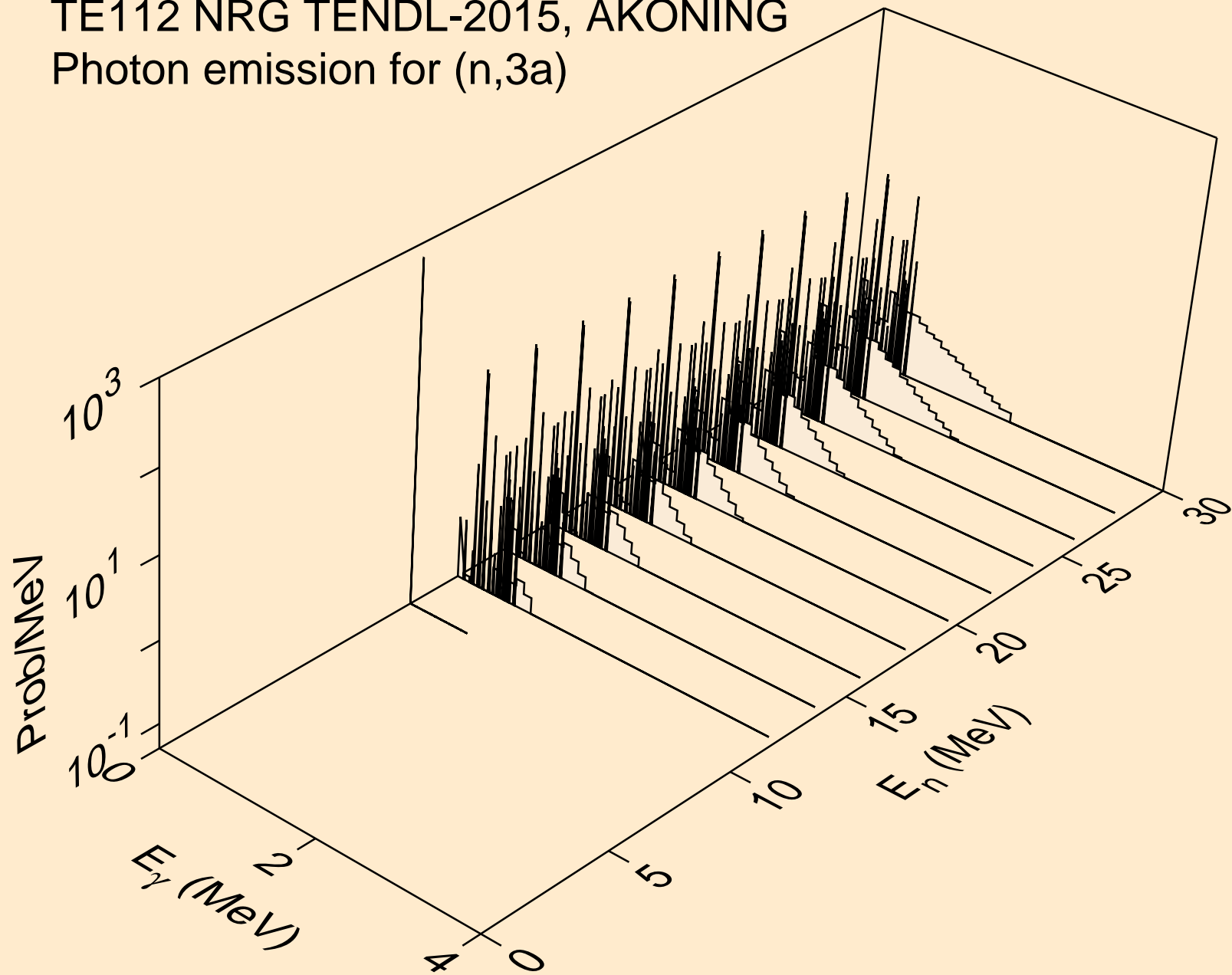
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



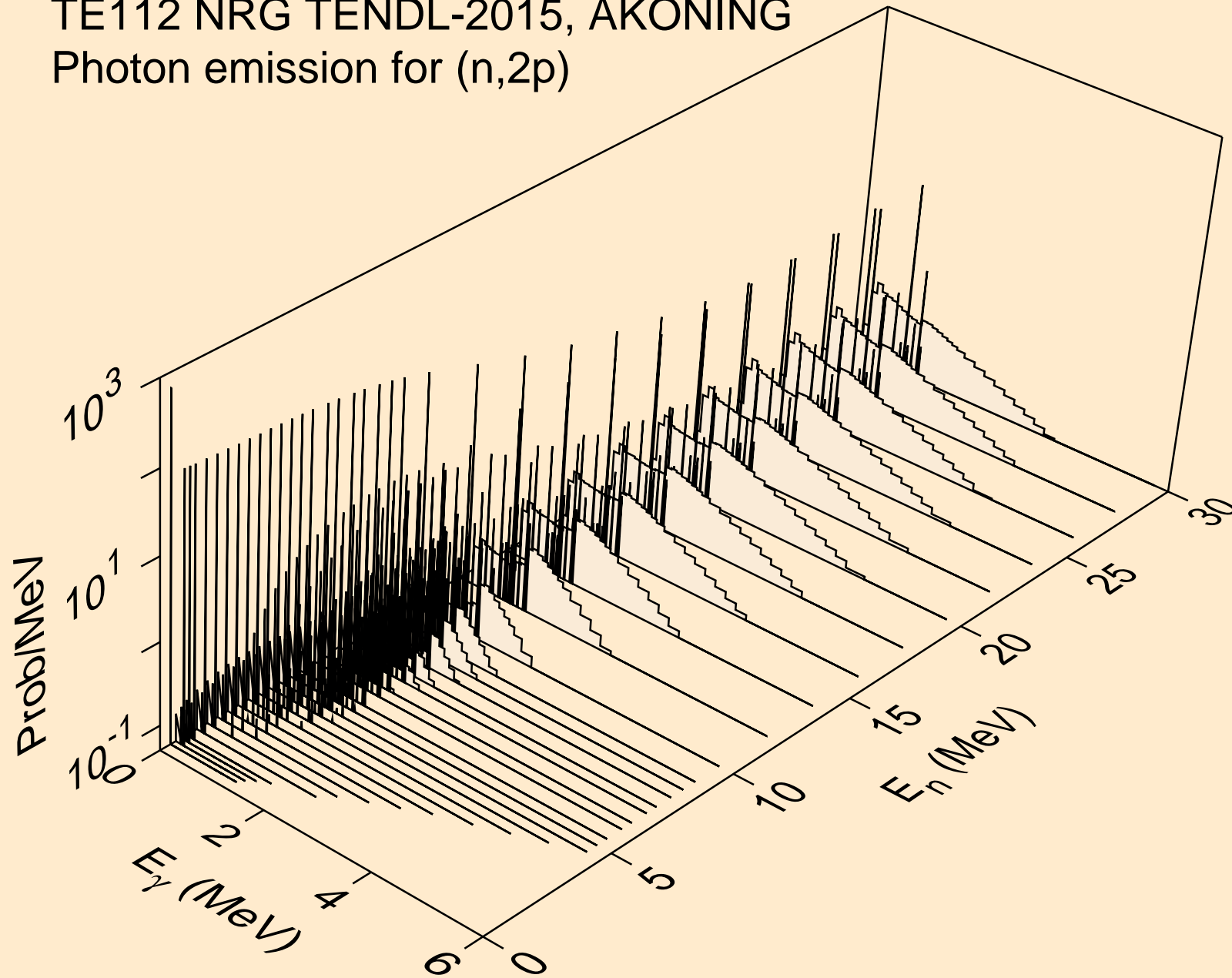
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



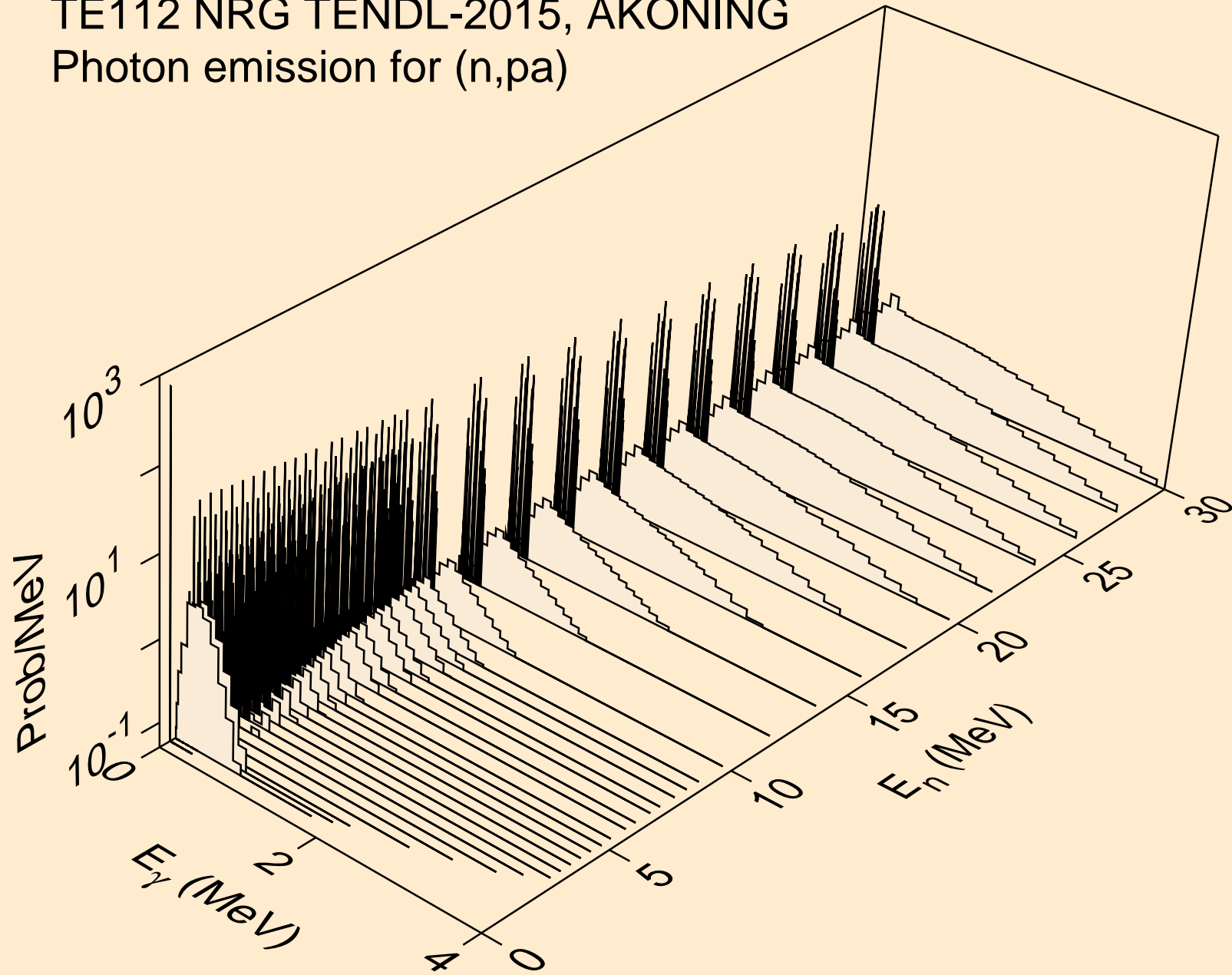
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



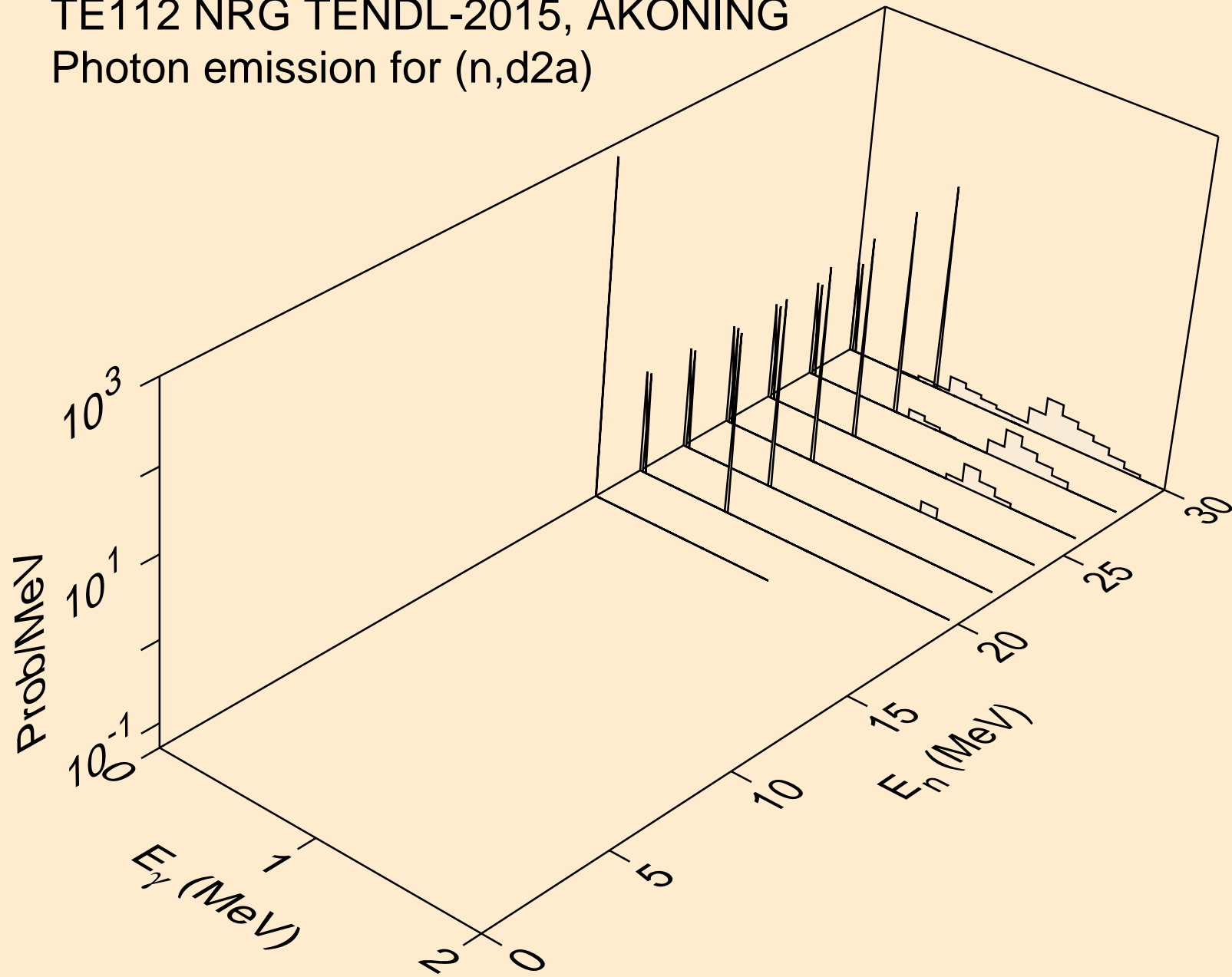
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

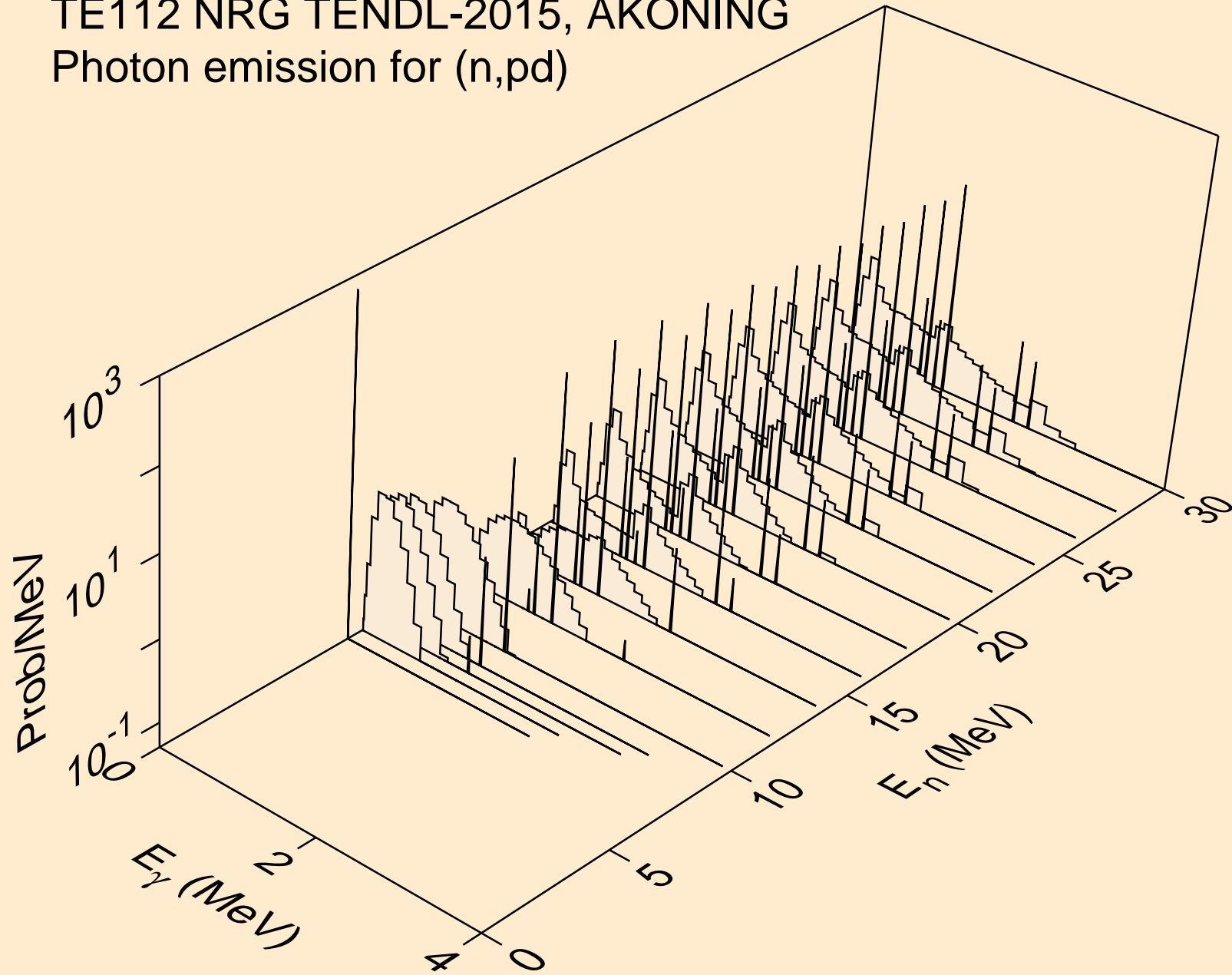


TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

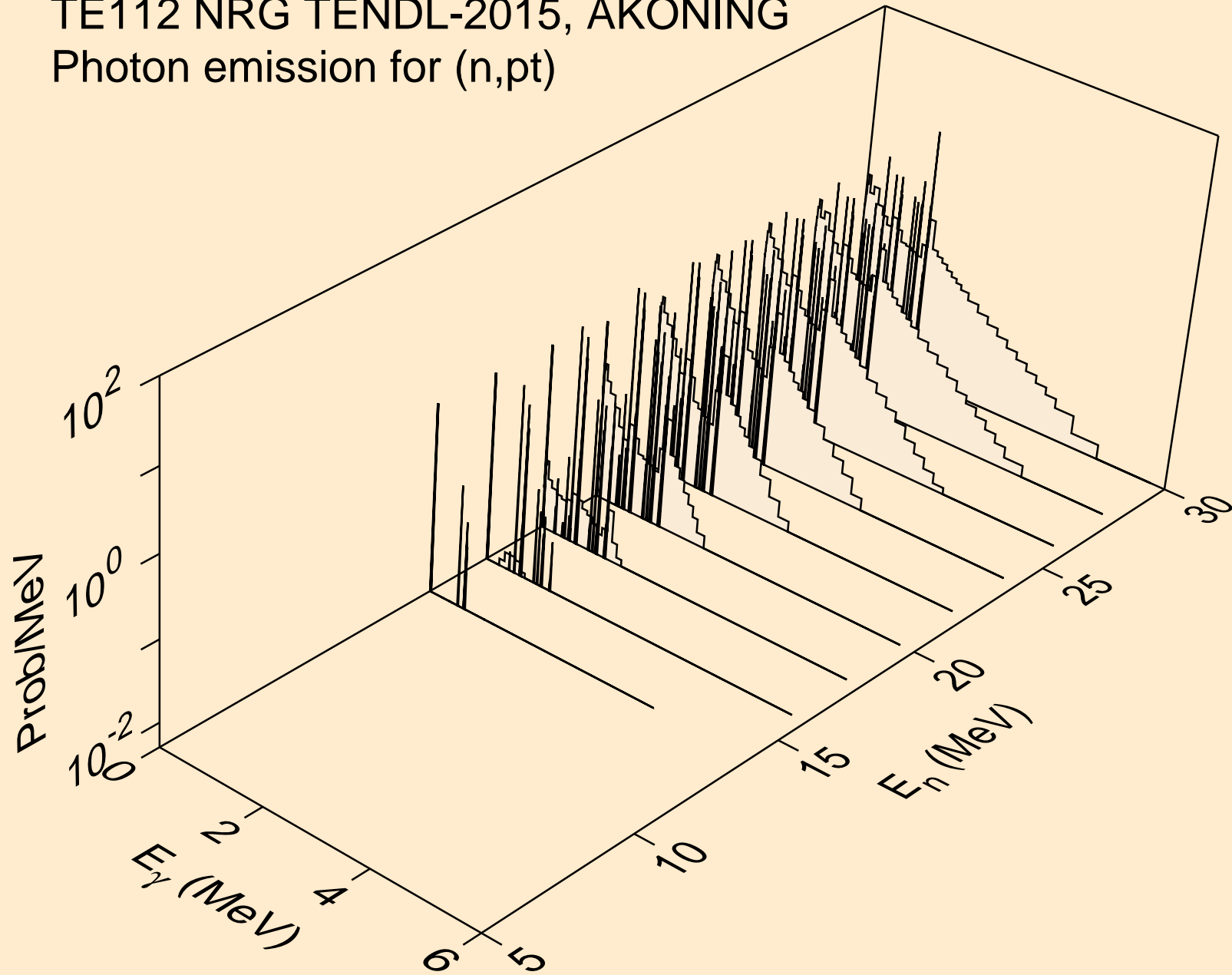




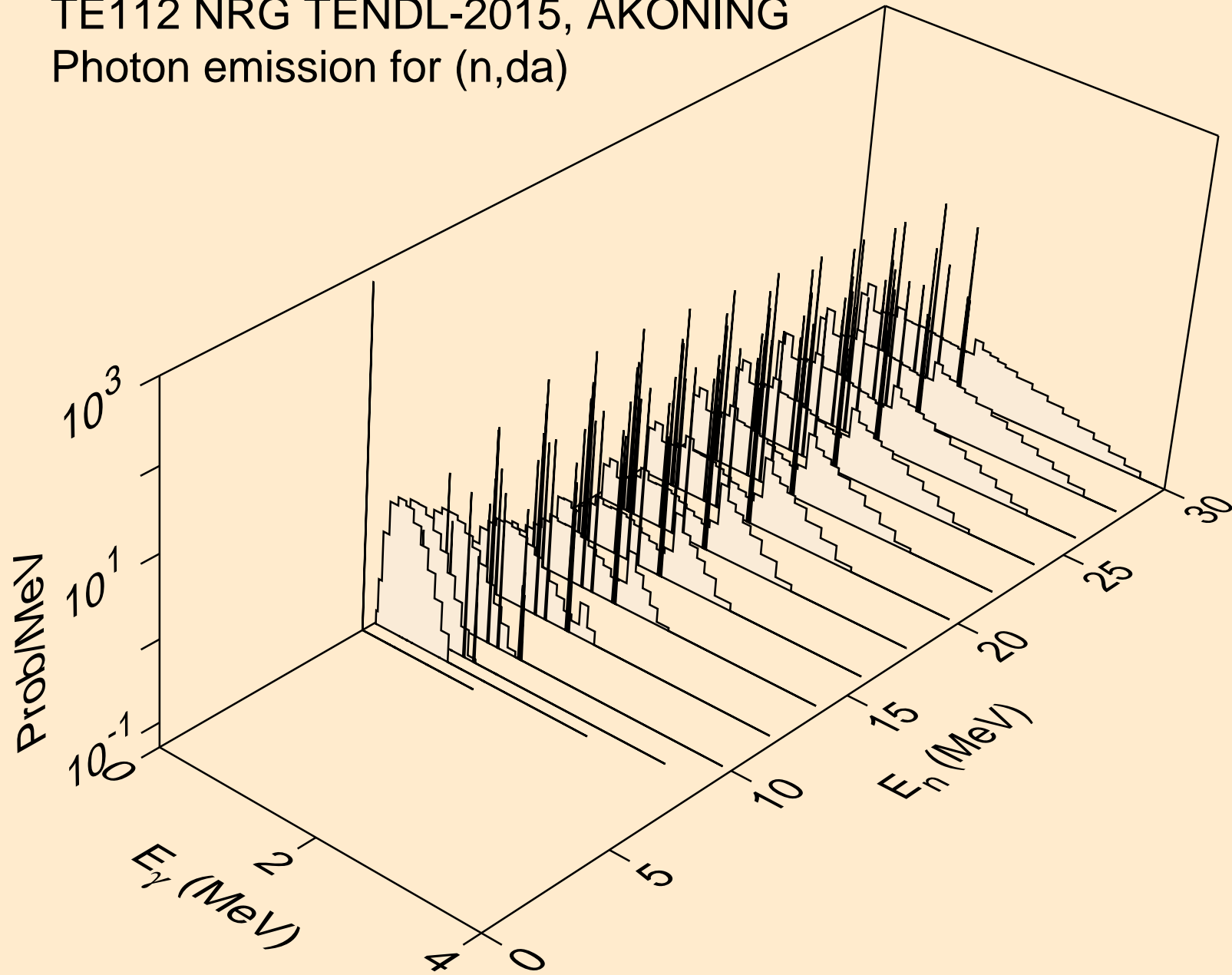
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



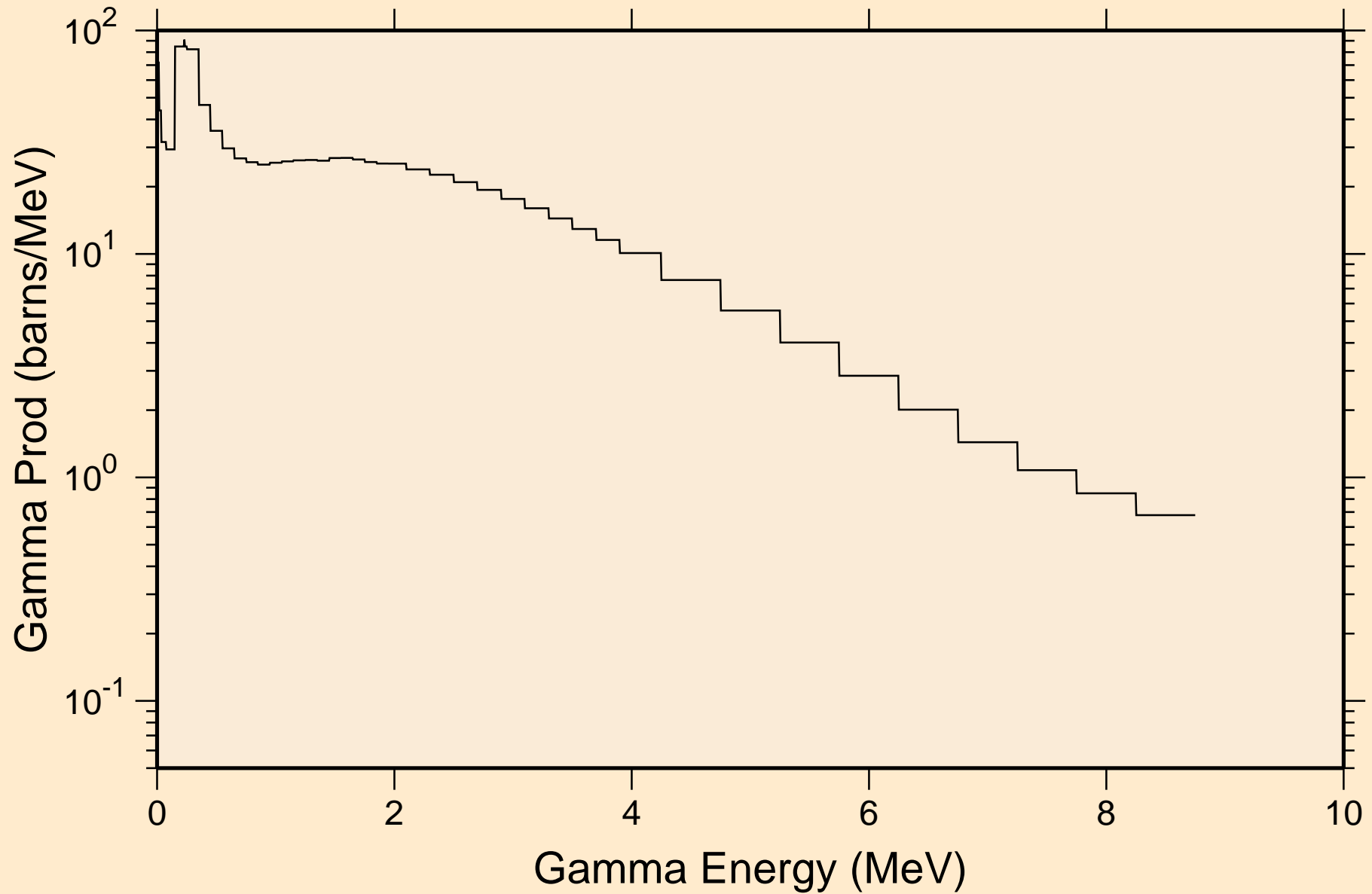
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



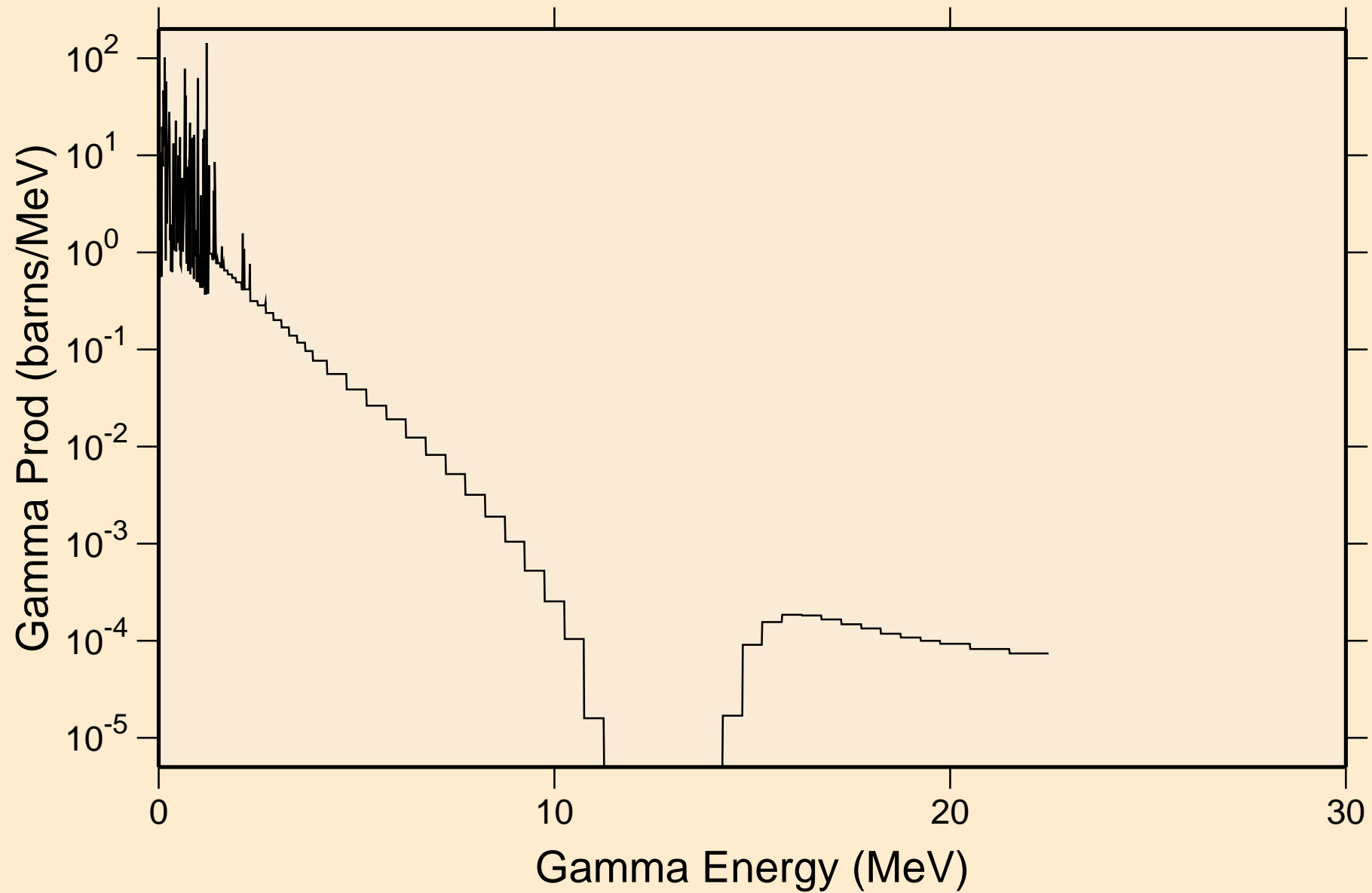
TE112 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TE112 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

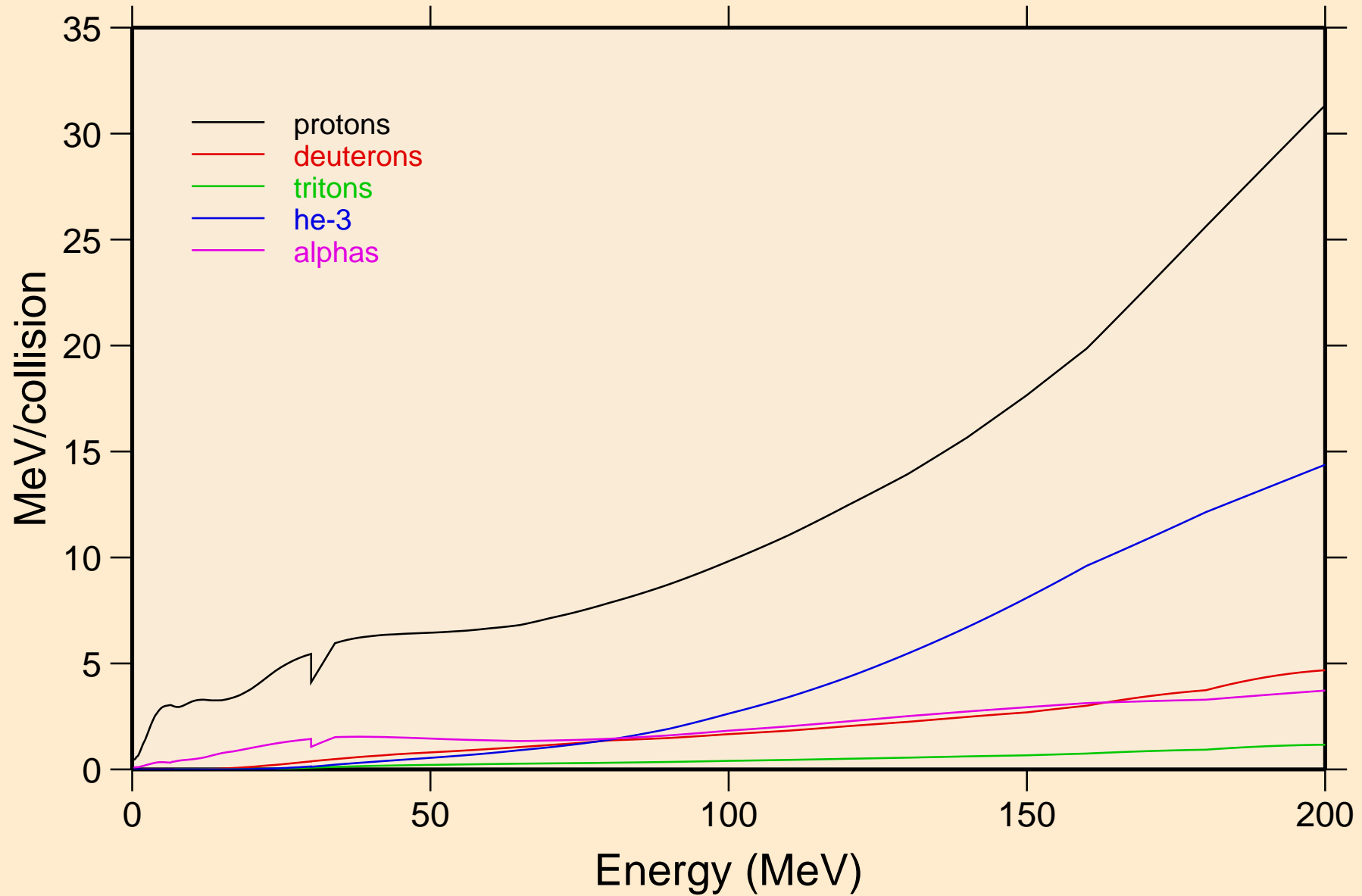


TE112 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



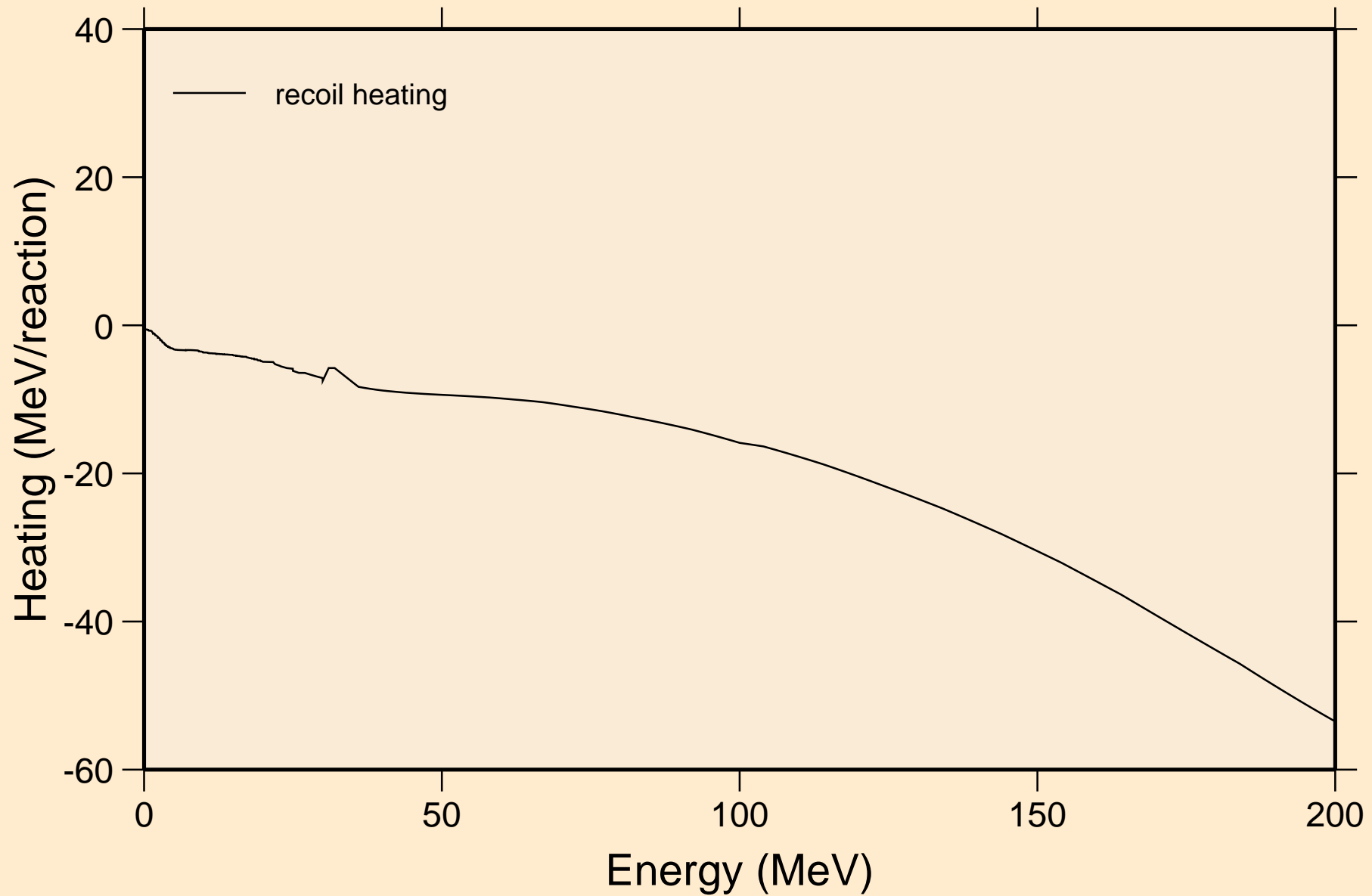
# TE112 NRG TENDL-2015, AKONING

## Particle heating contributions



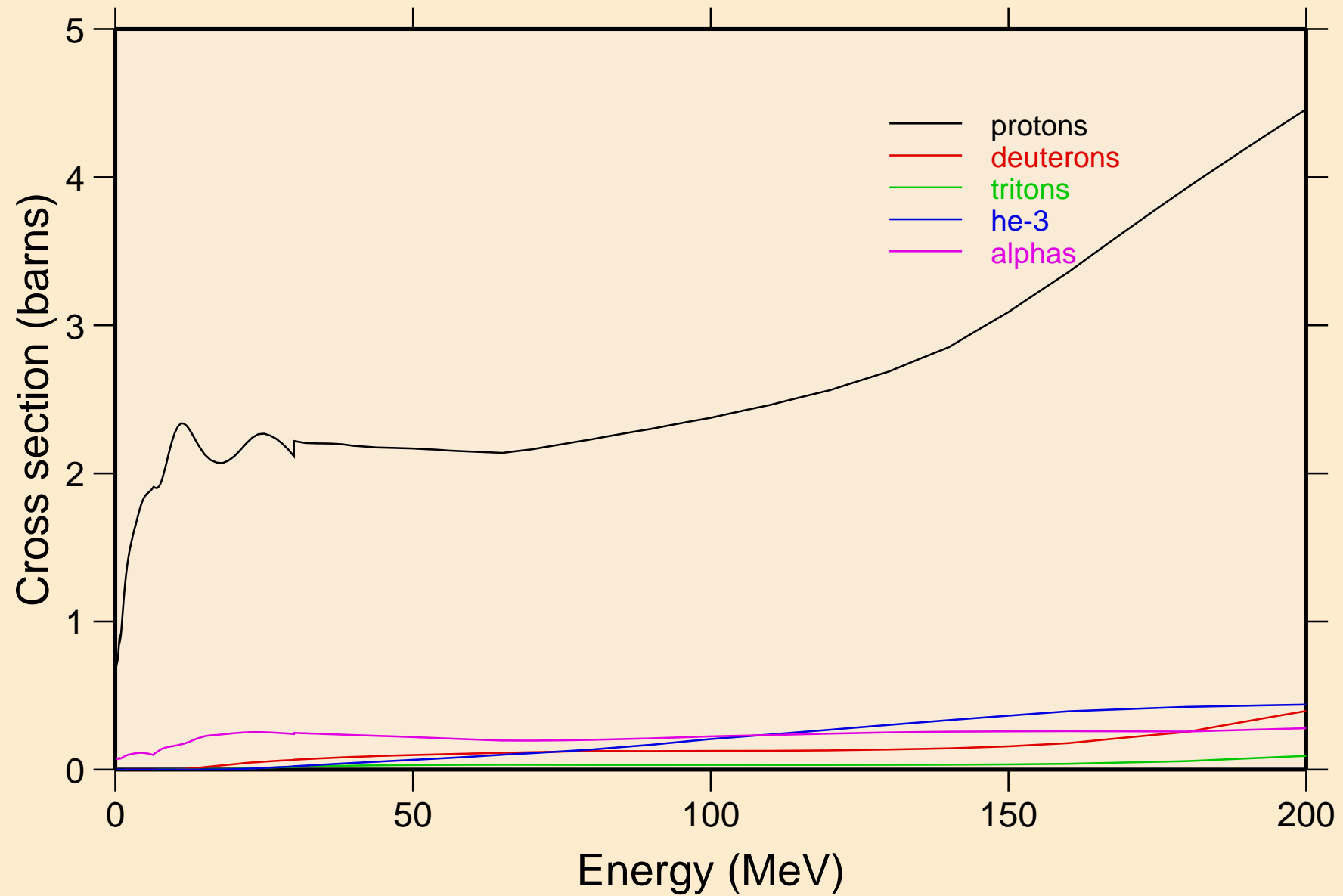
# TE112 NRG TENDL-2015, AKONING

## Recoil Heating



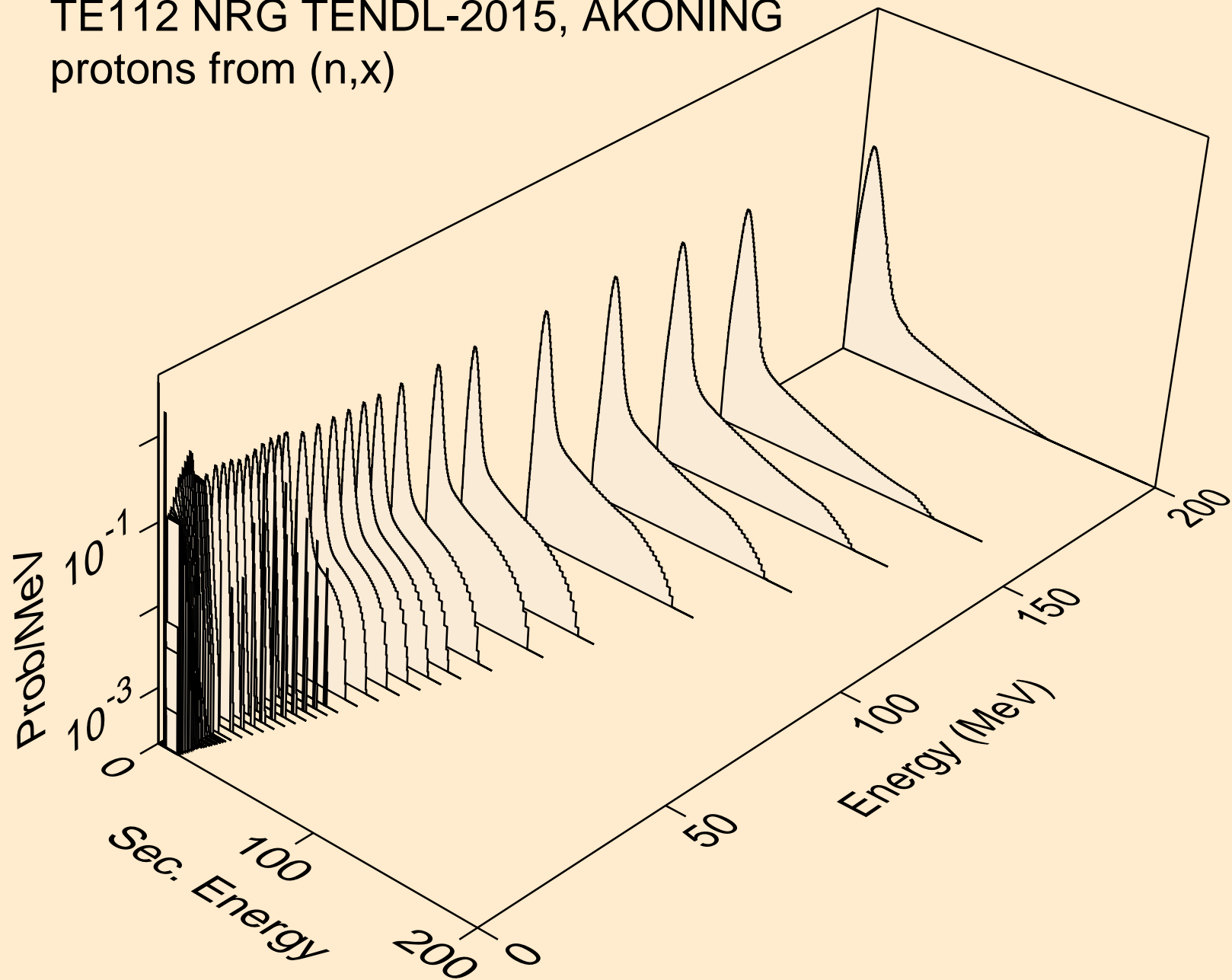
# TE112 NRG TENDL-2015, AKONING

## Particle production cross sections

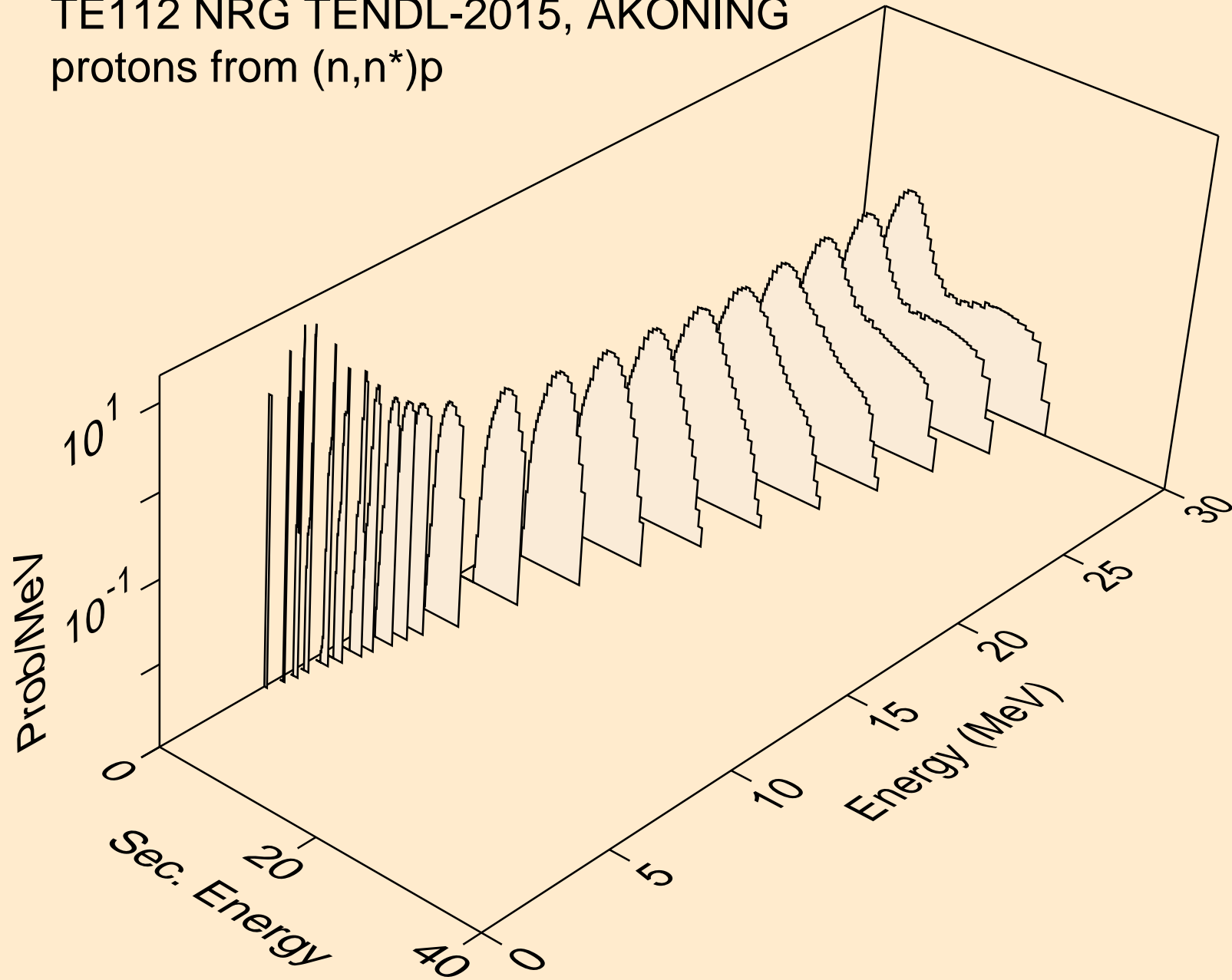




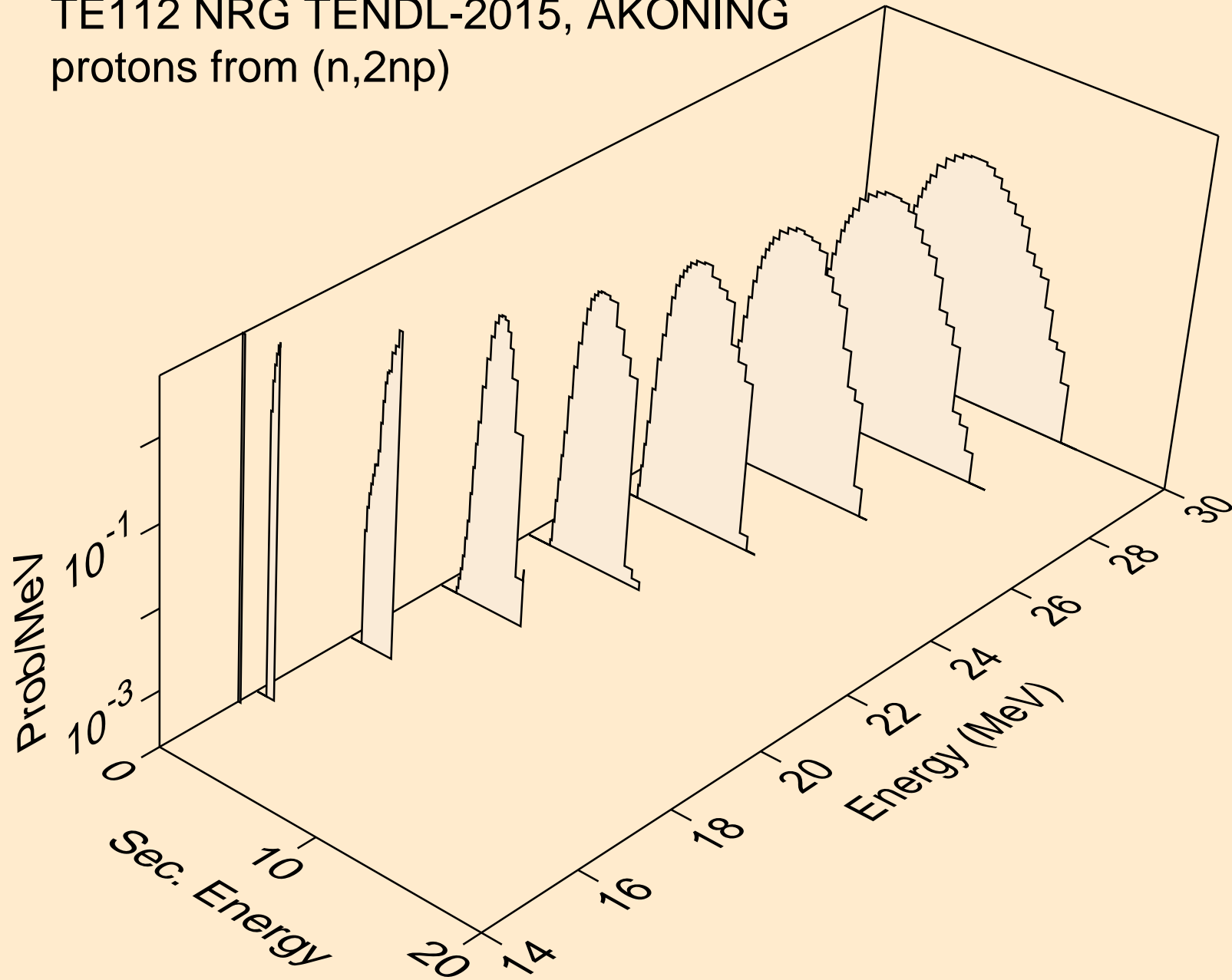
TE112 NRG TENDL-2015, AKONING  
protons from (n,x)



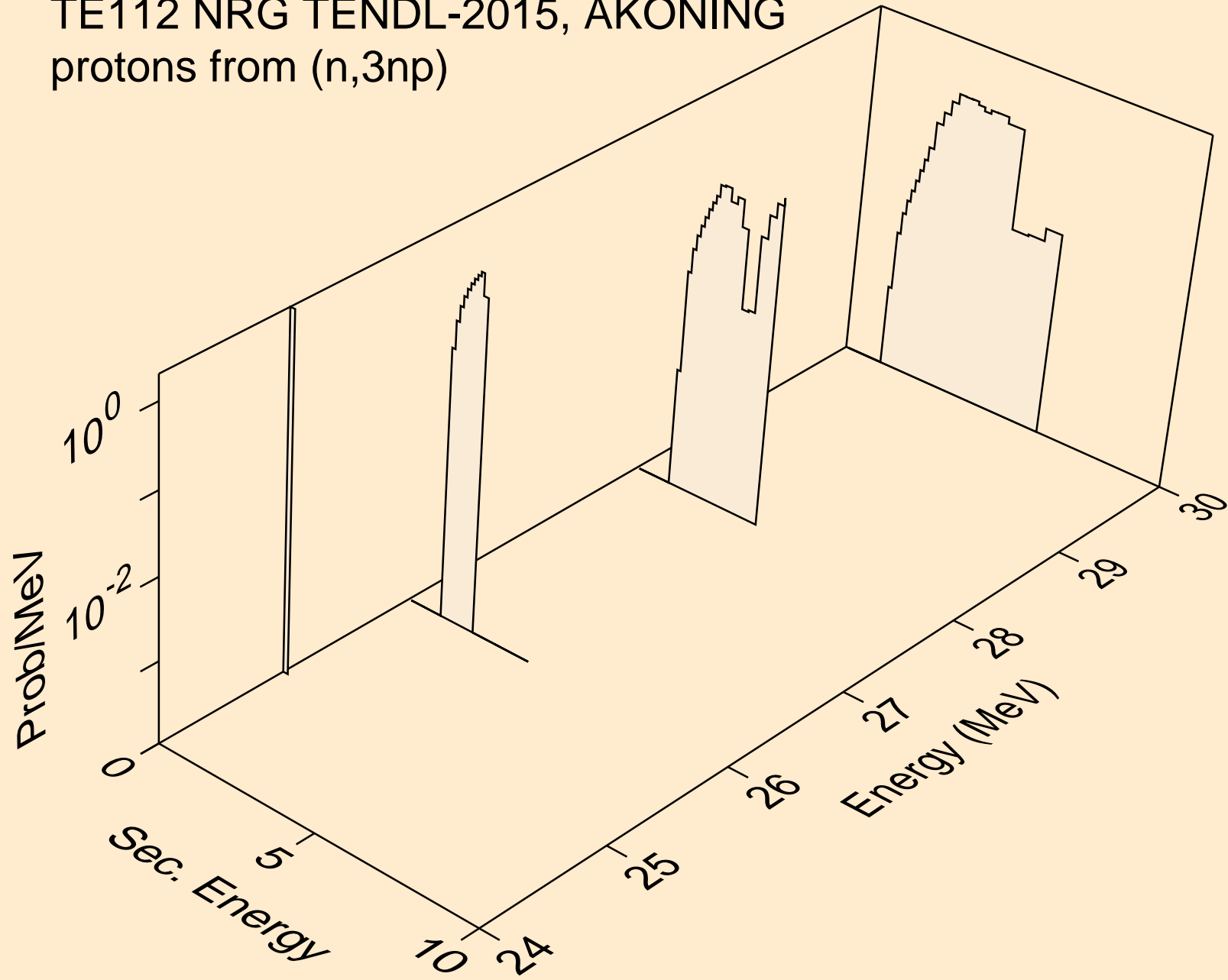
TE112 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



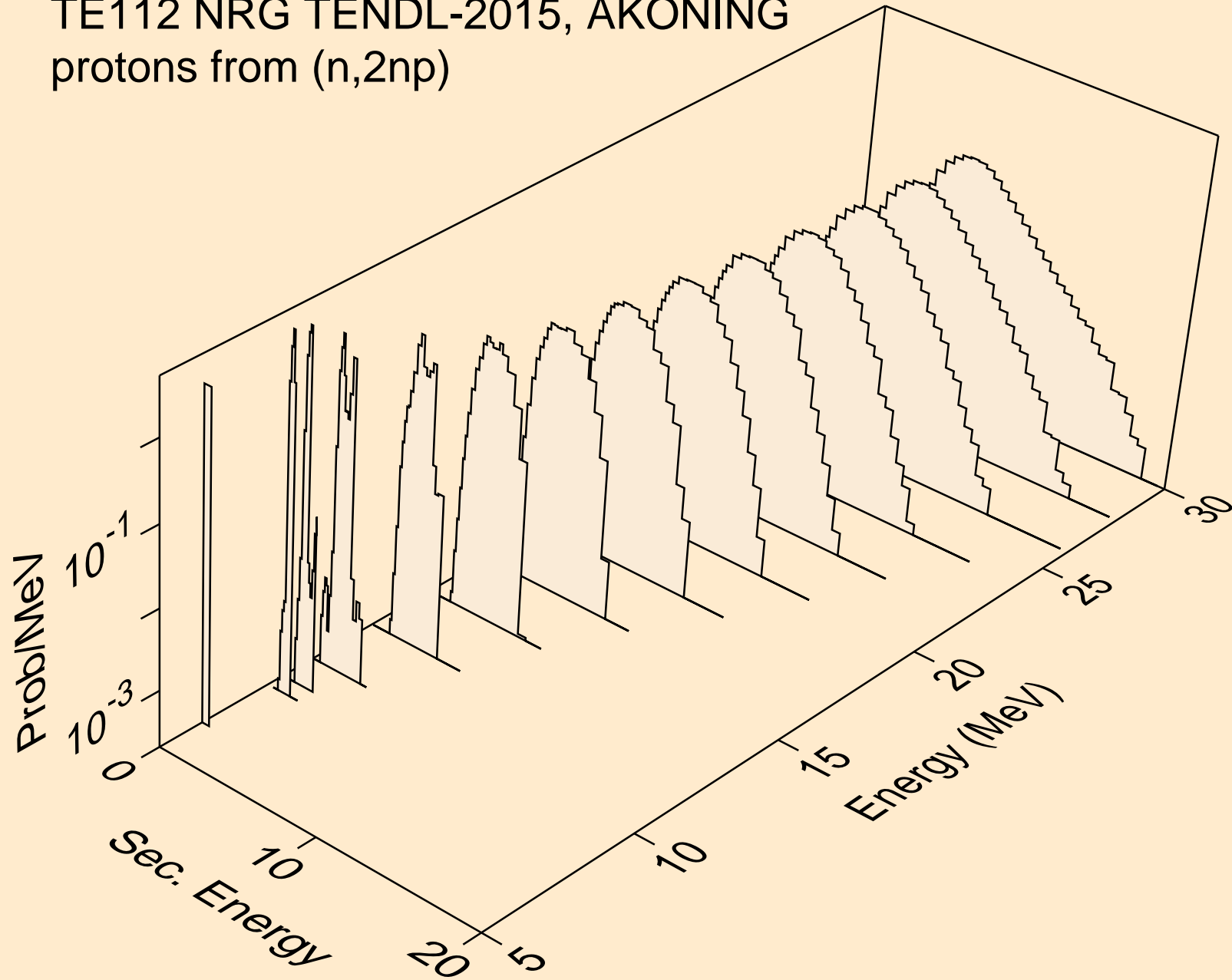
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protons from (n,2np)



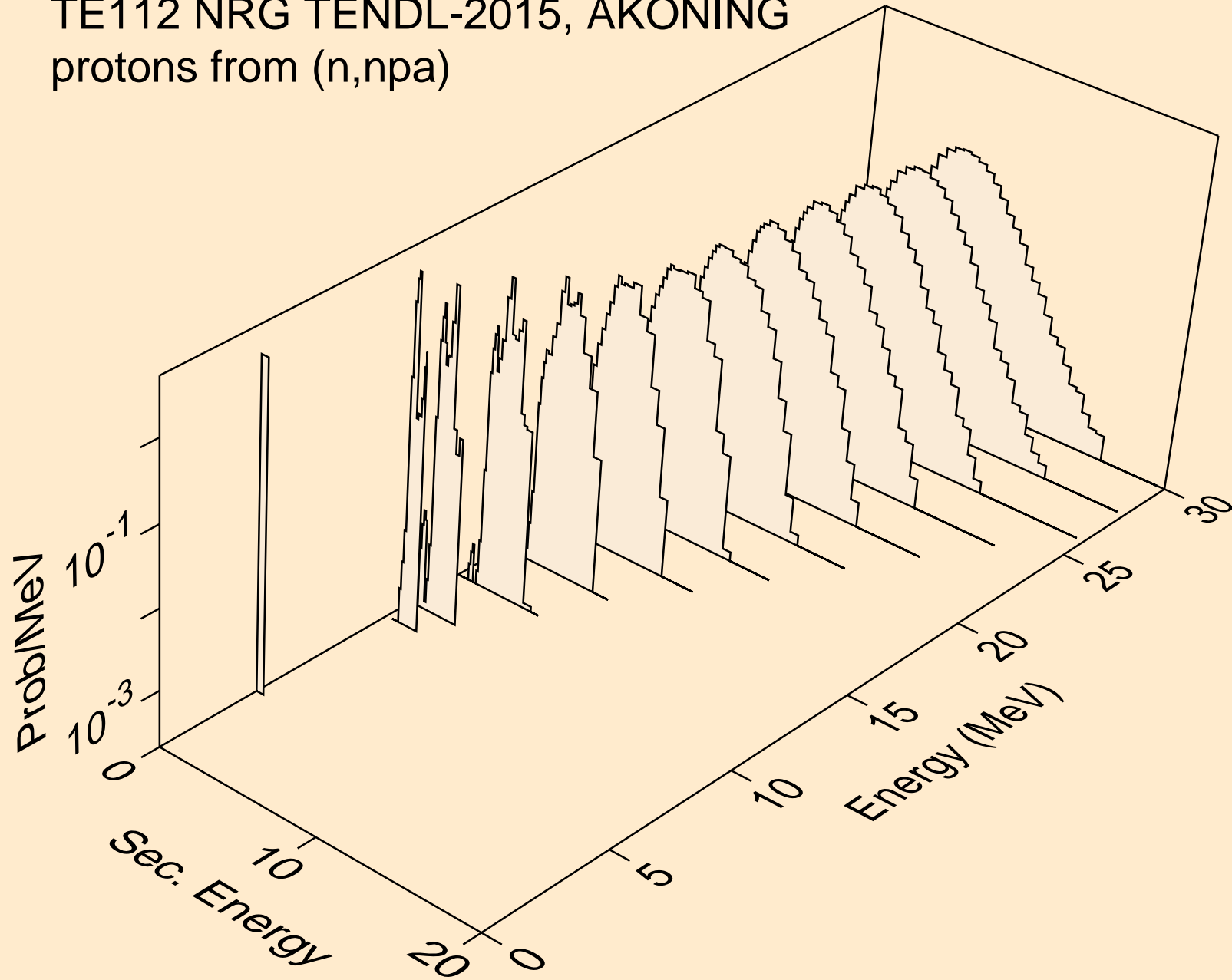
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protons from (n,3np)



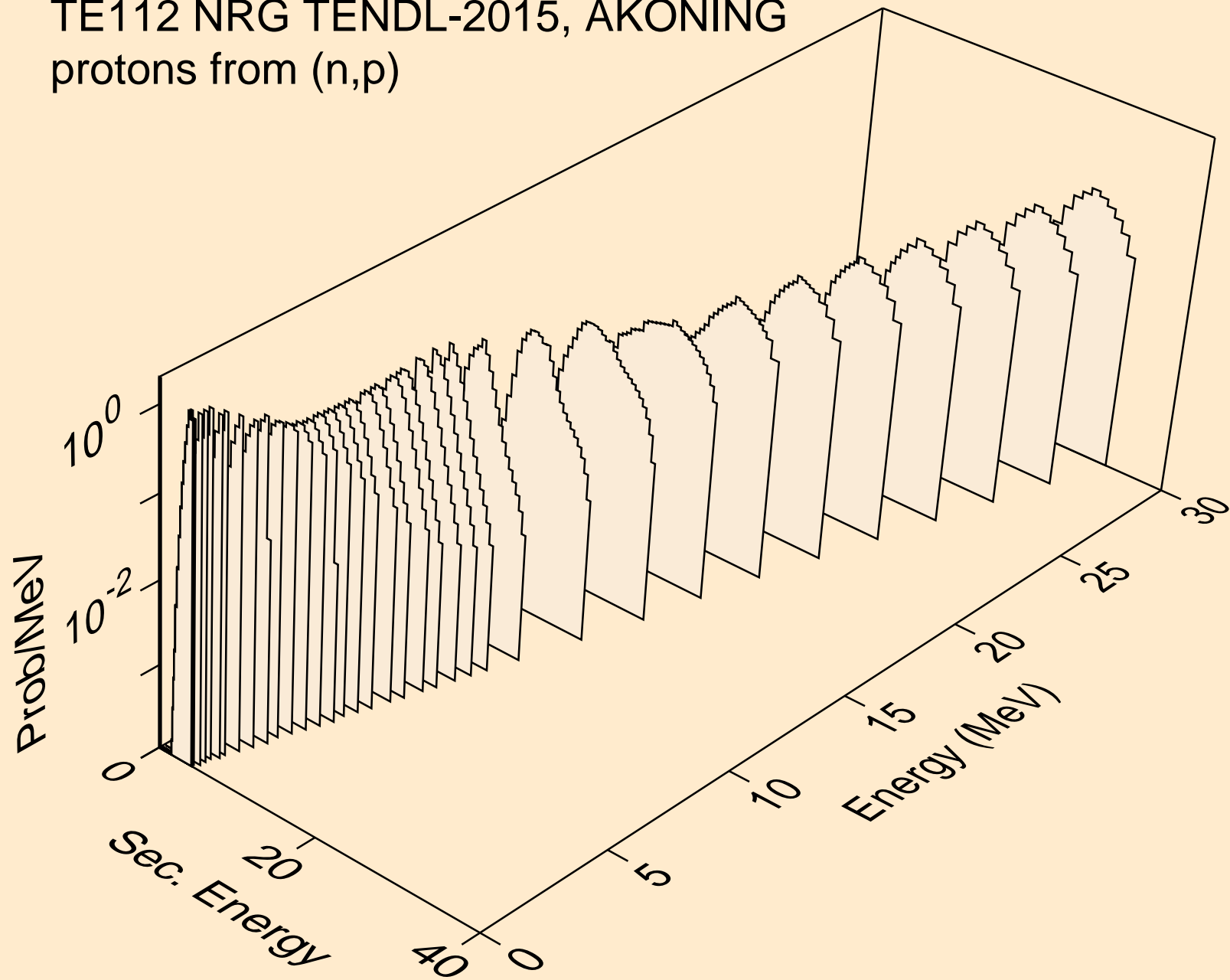
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protons from (n,2np)



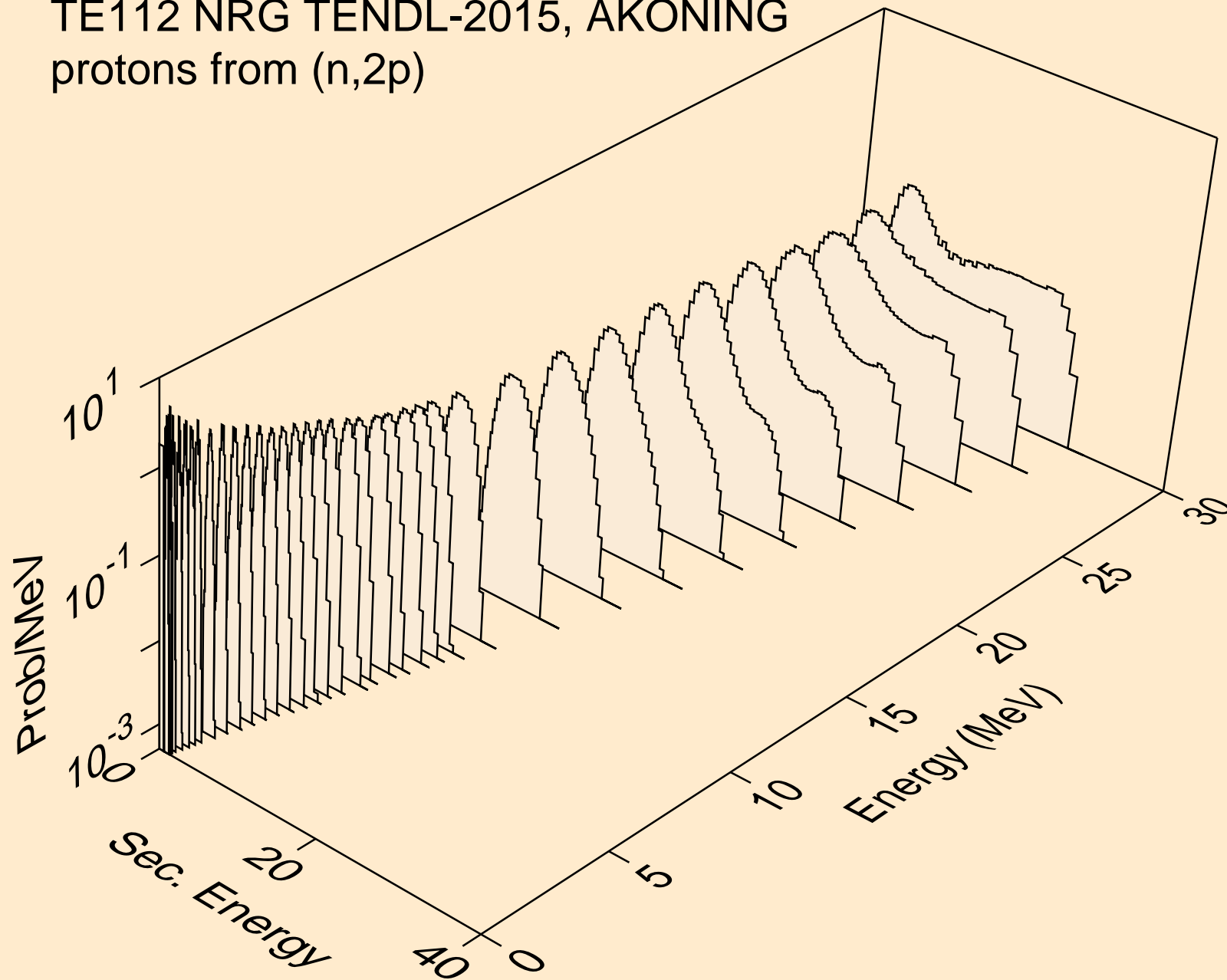
TE112 NRG TENDL-2015, AKONING  
protons from (n,npa)



TE112 NRG TENDL-2015, AKONING  
protons from (n,p)

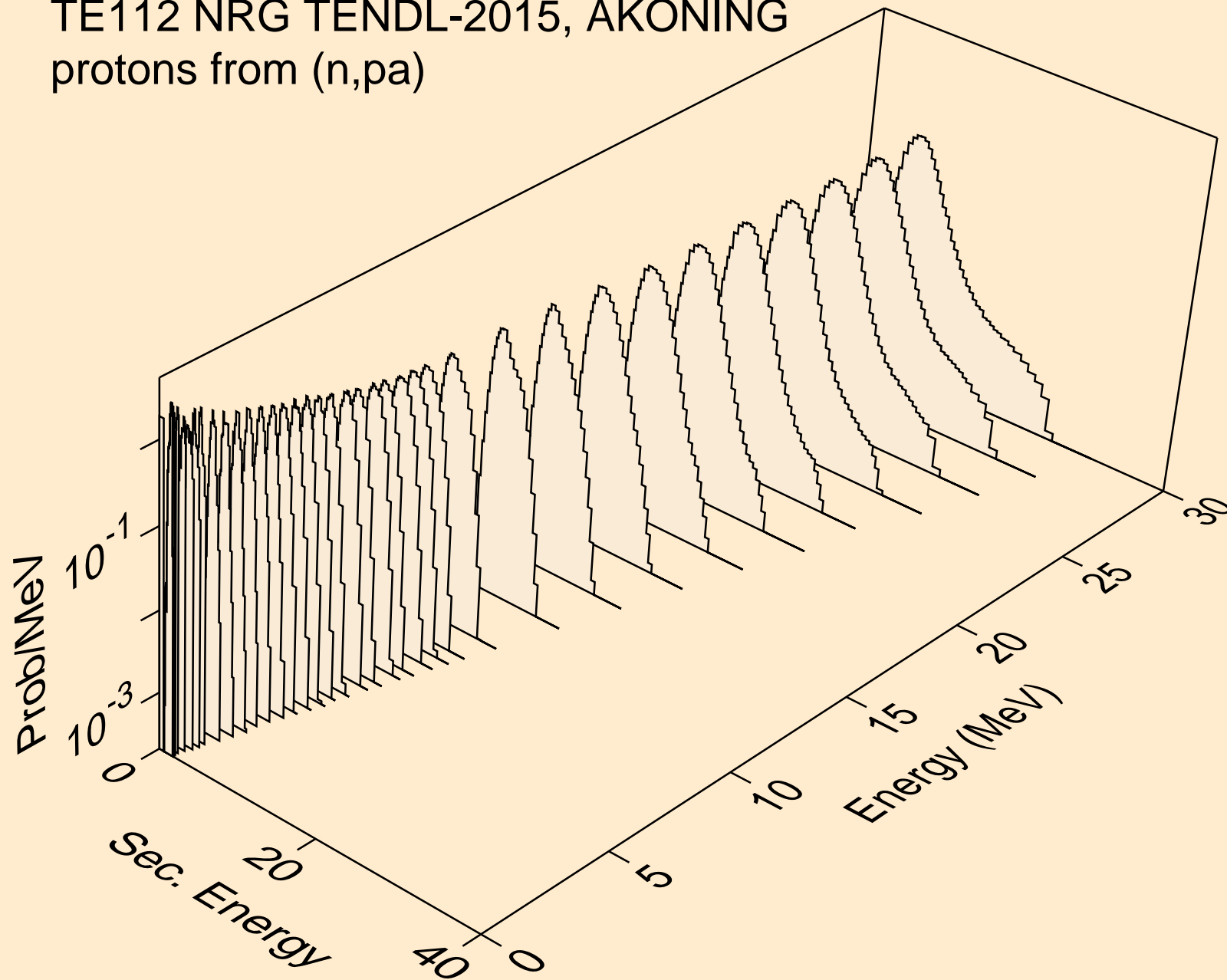


TE112 NRG TENDL-2015, AKONING  
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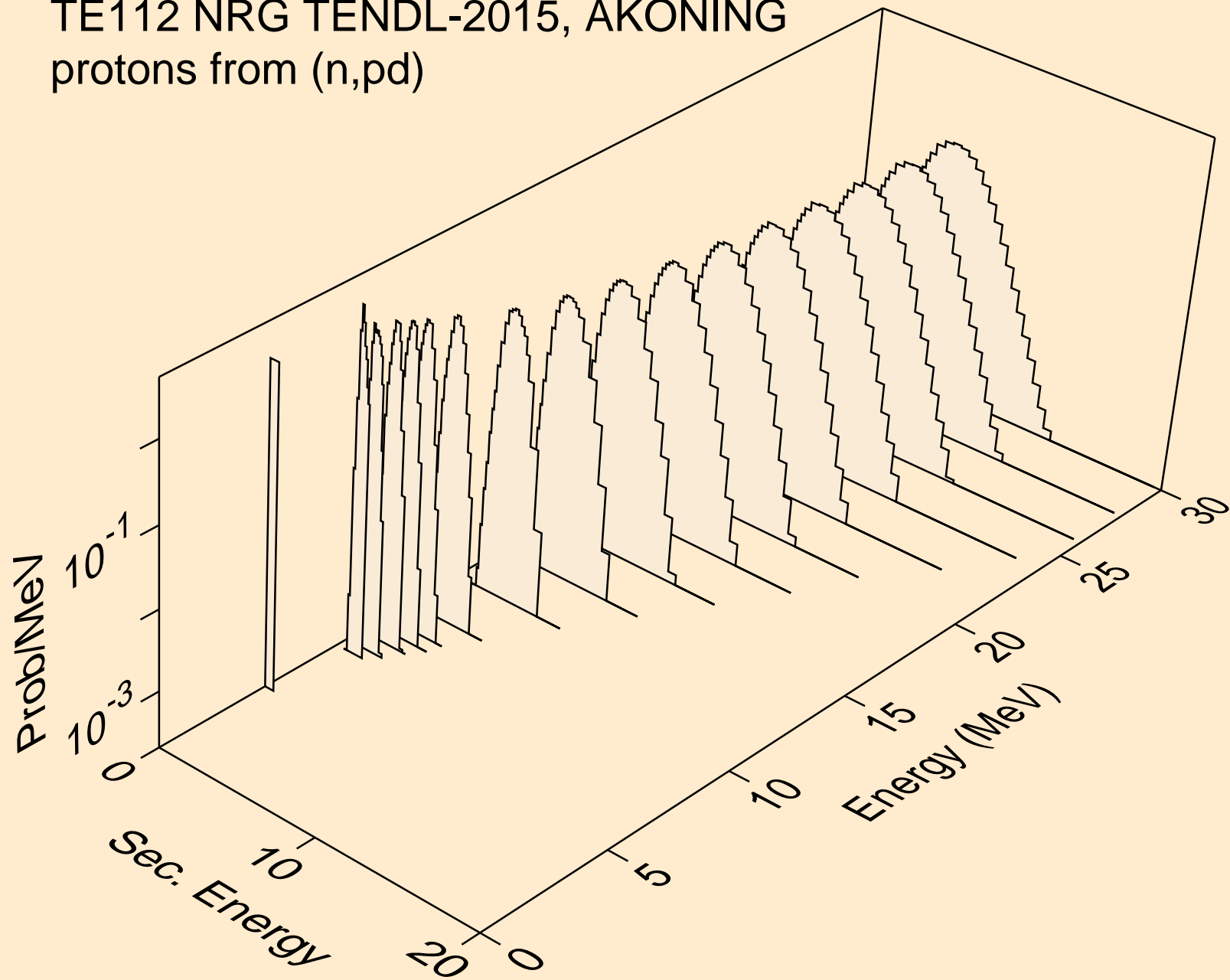




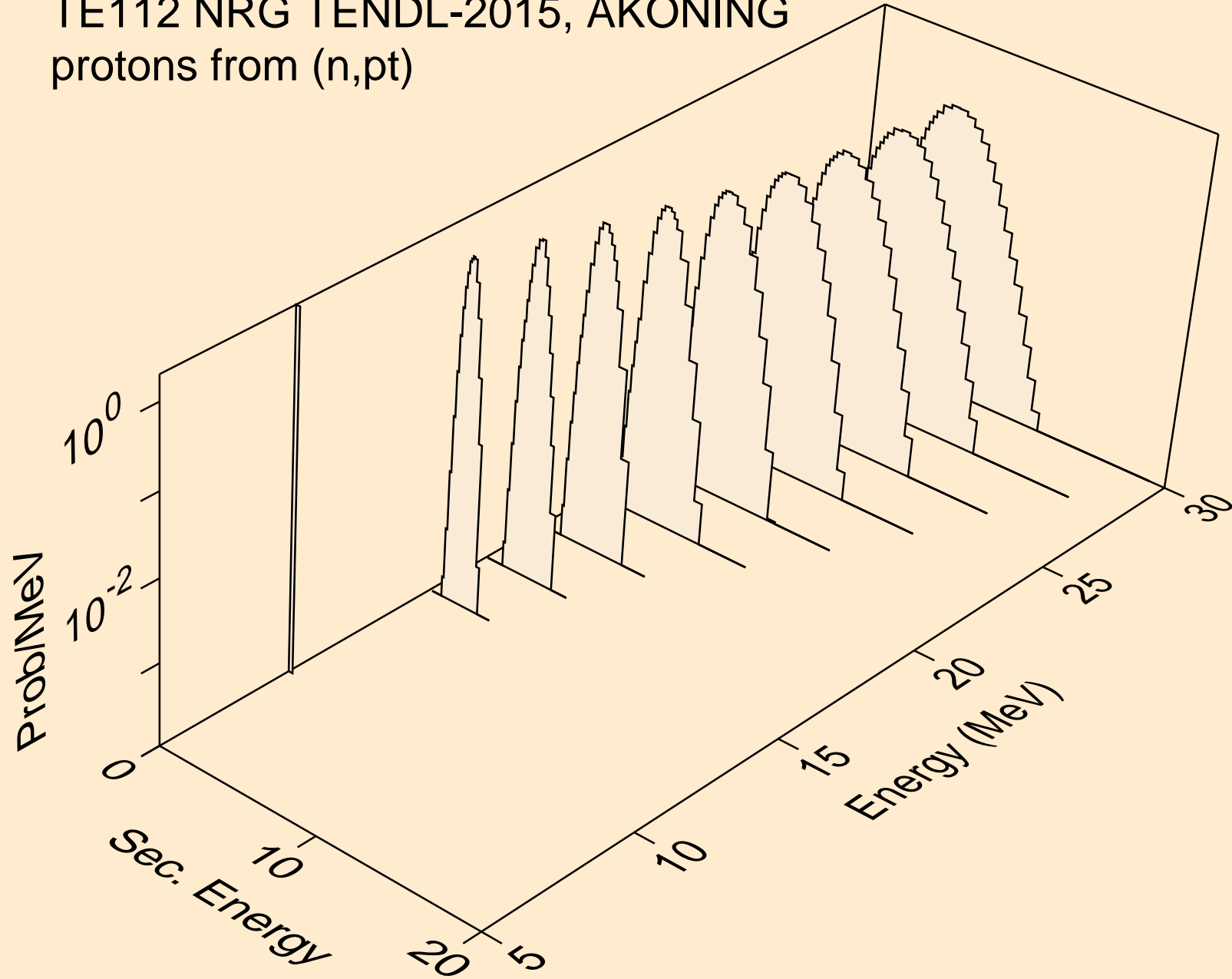
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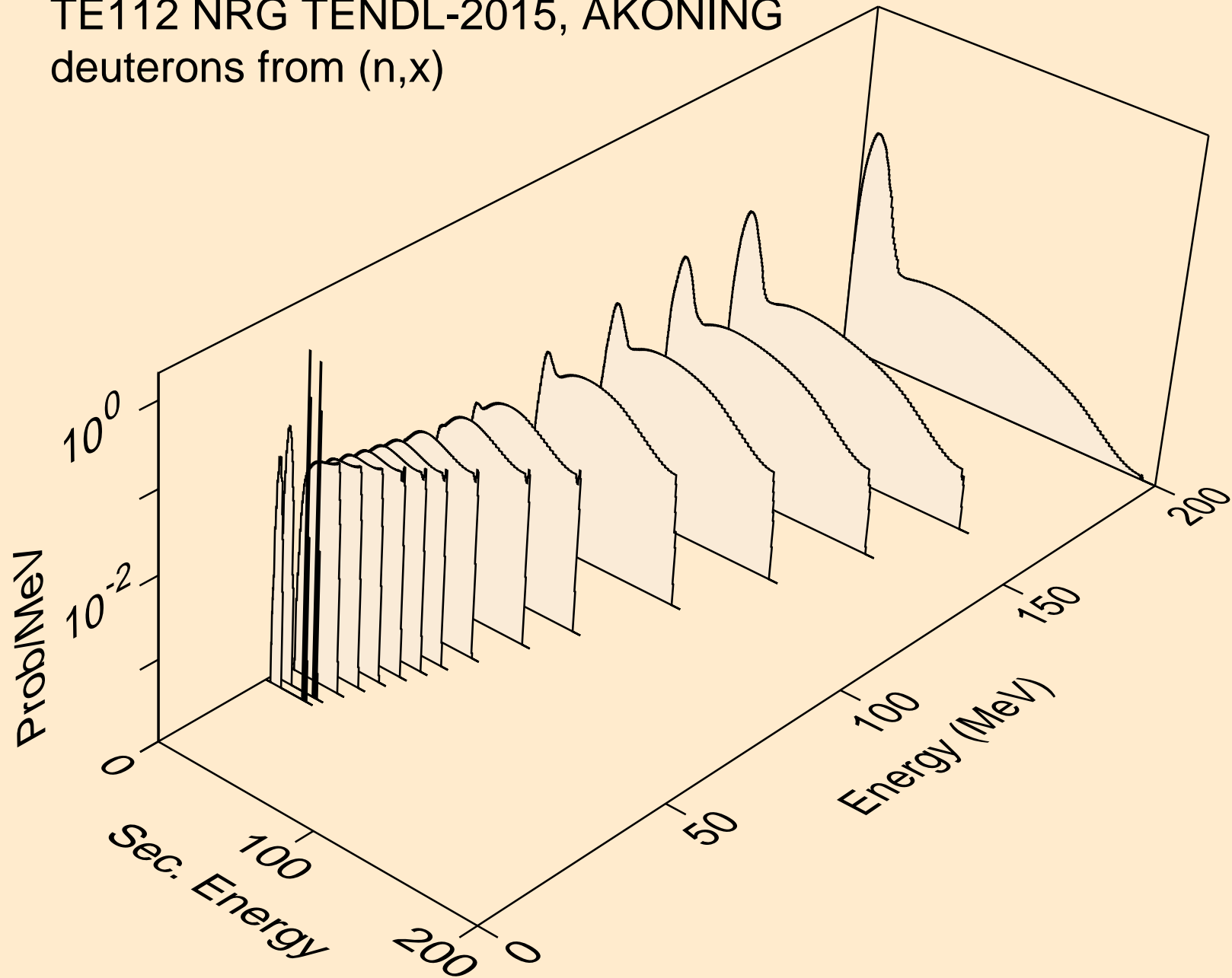
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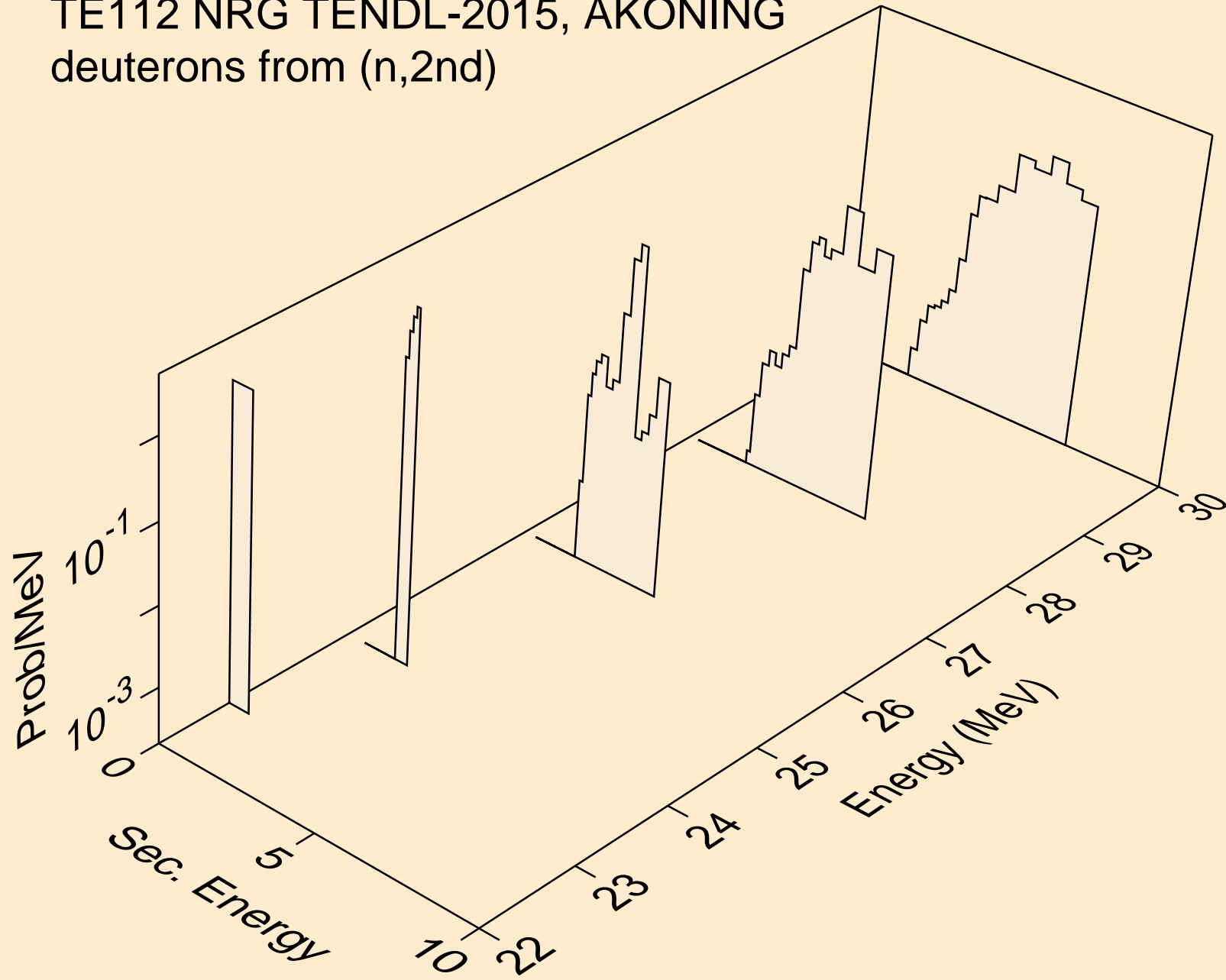
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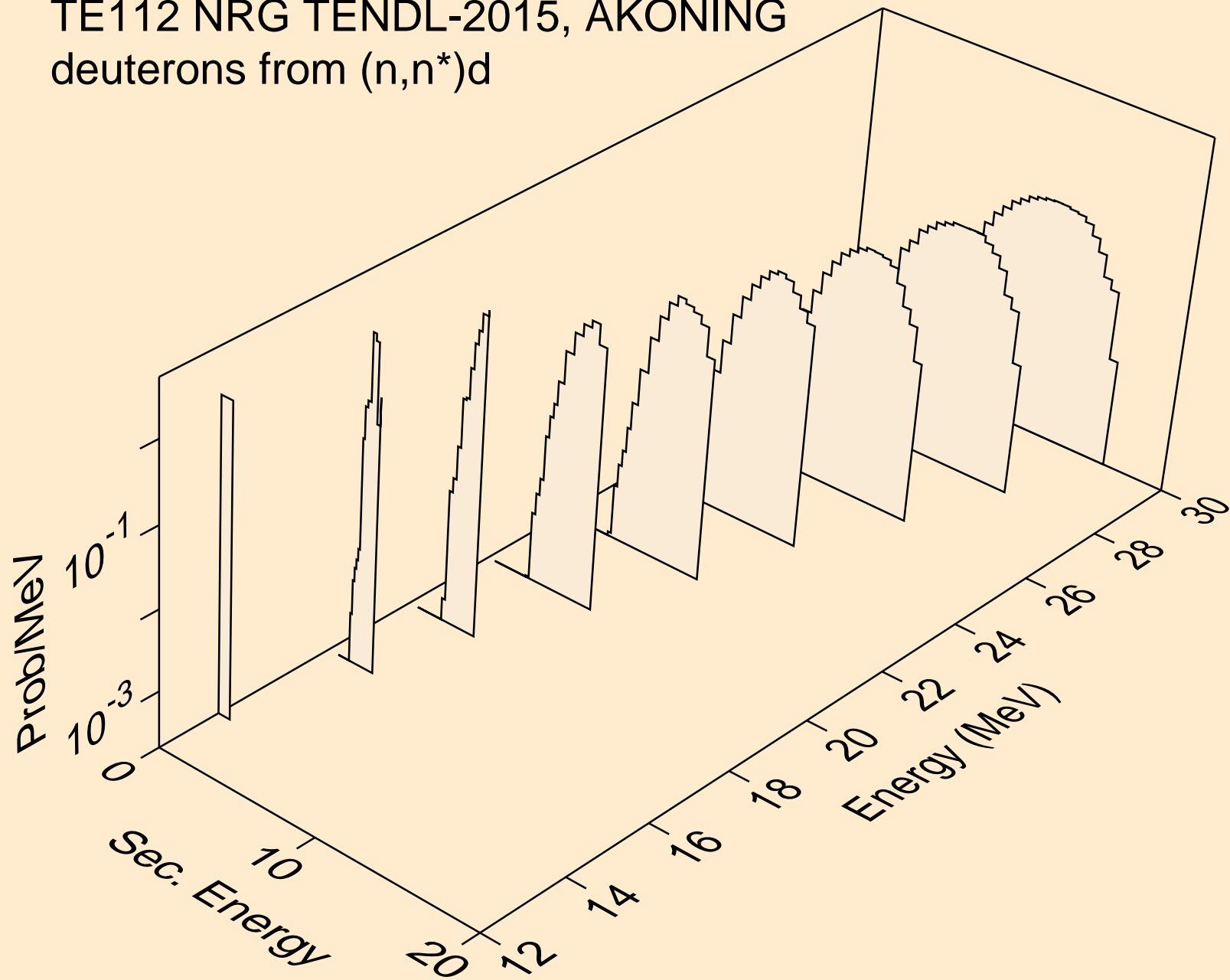
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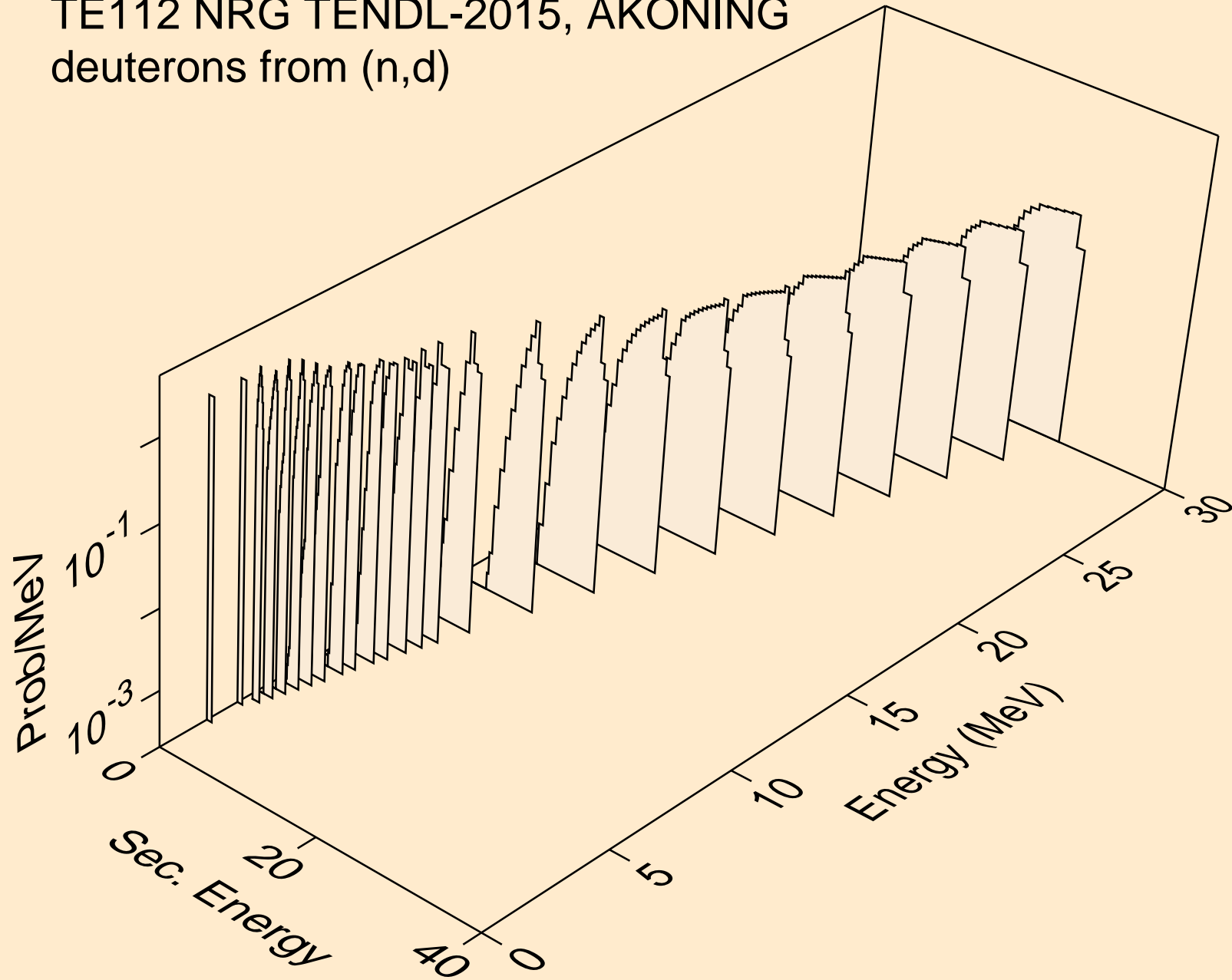
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deuterons from (n,2nd)



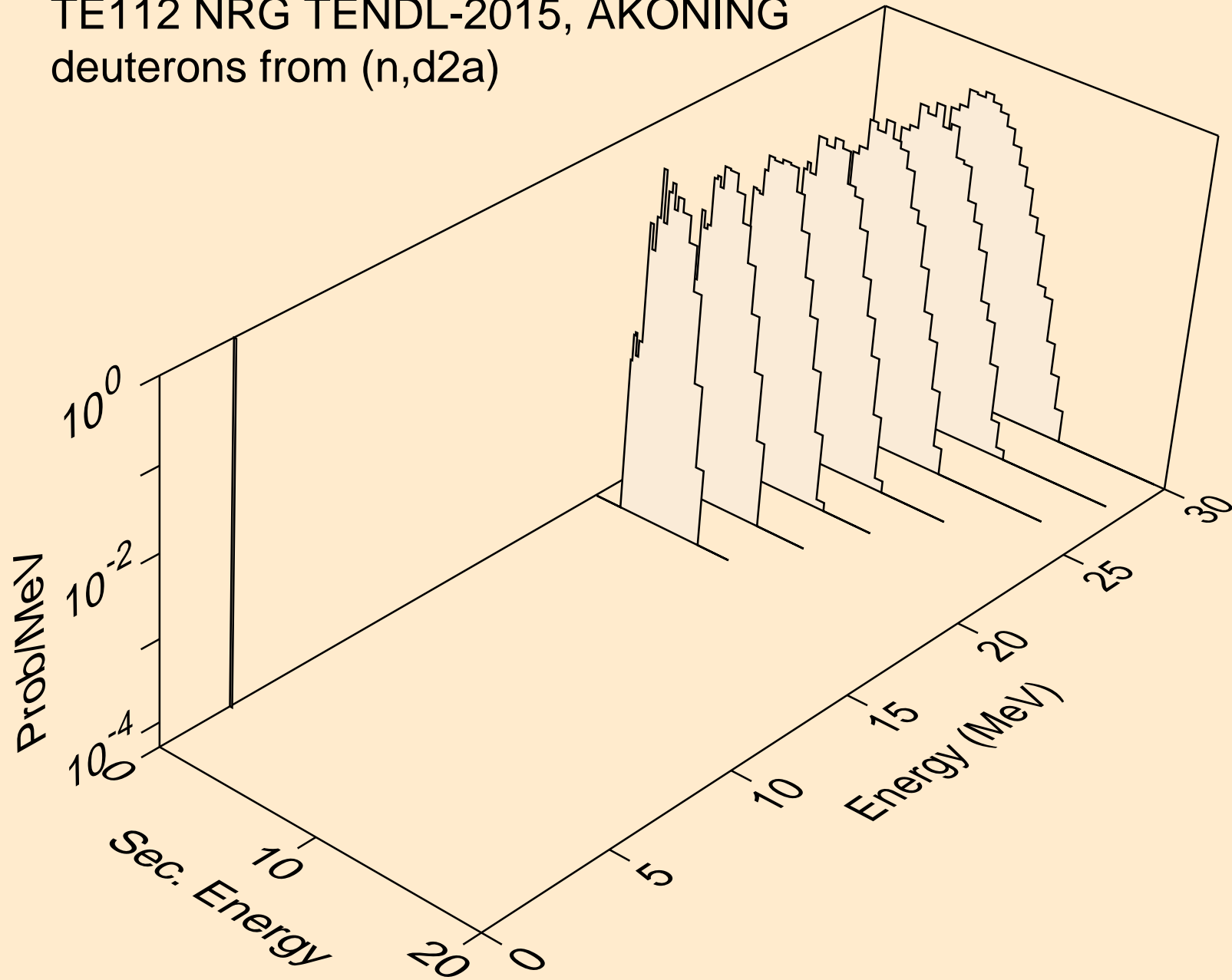
TE112 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



TE112 NRG TENDL-2015, AKONING  
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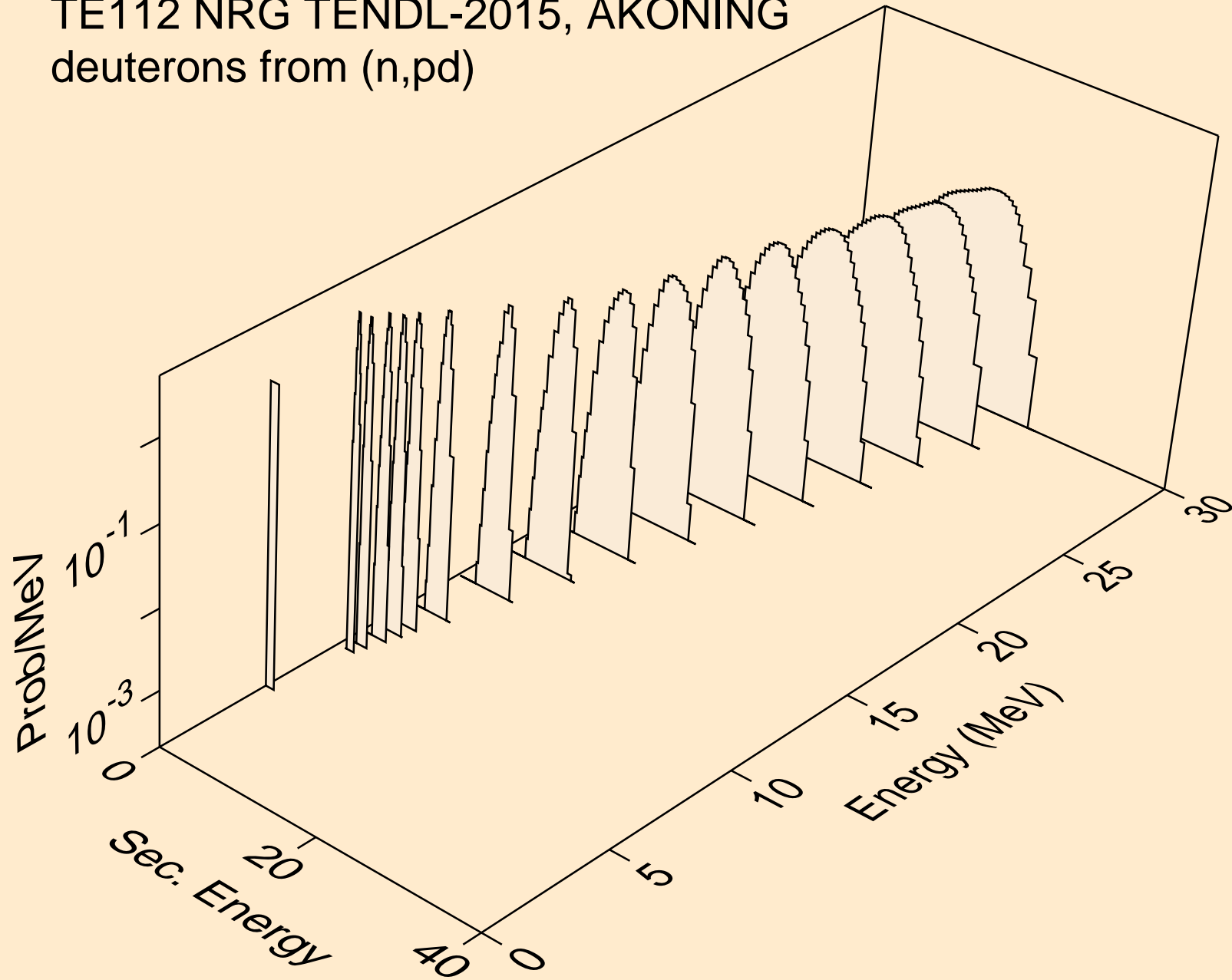


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deuterons from (n,d2a)

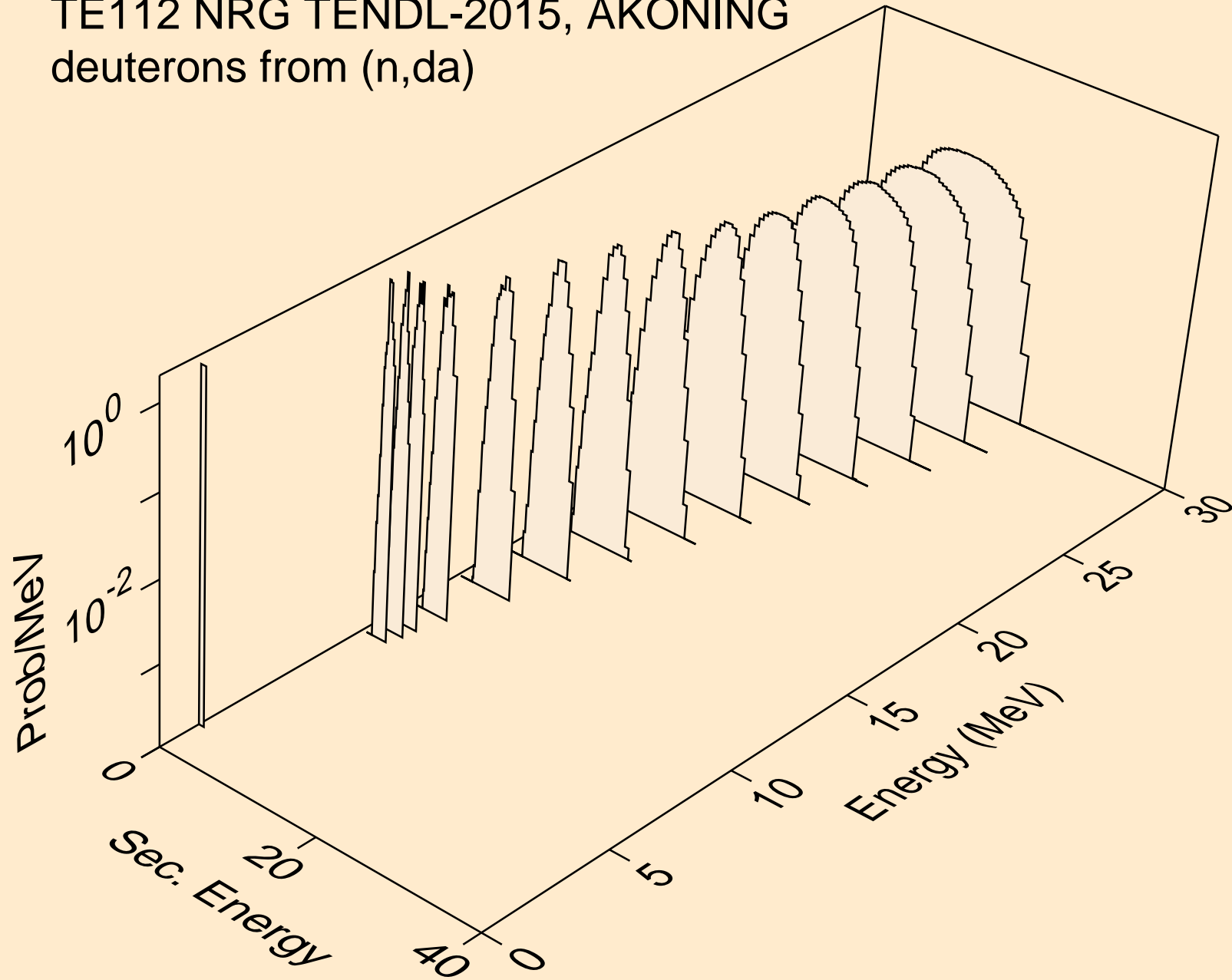




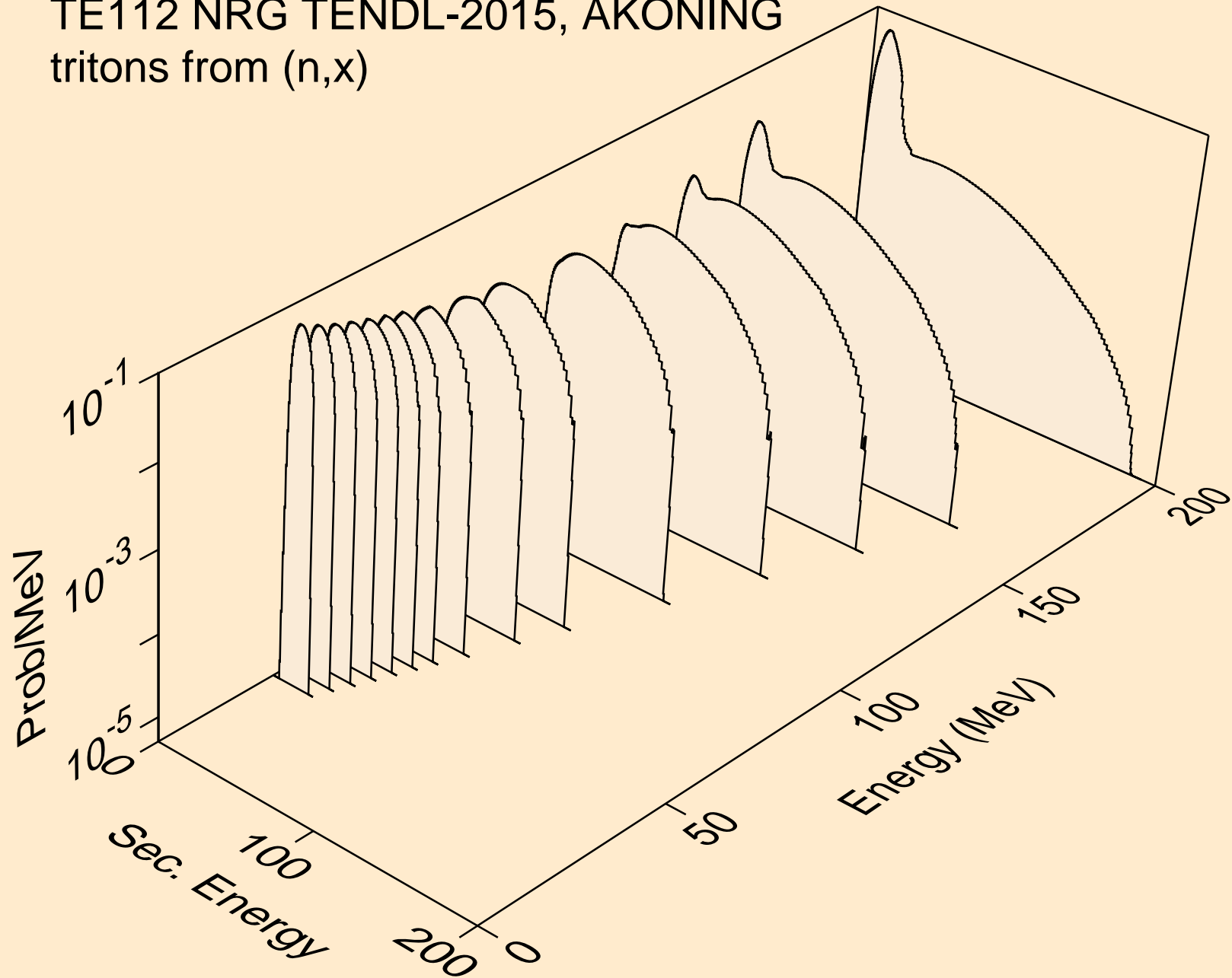
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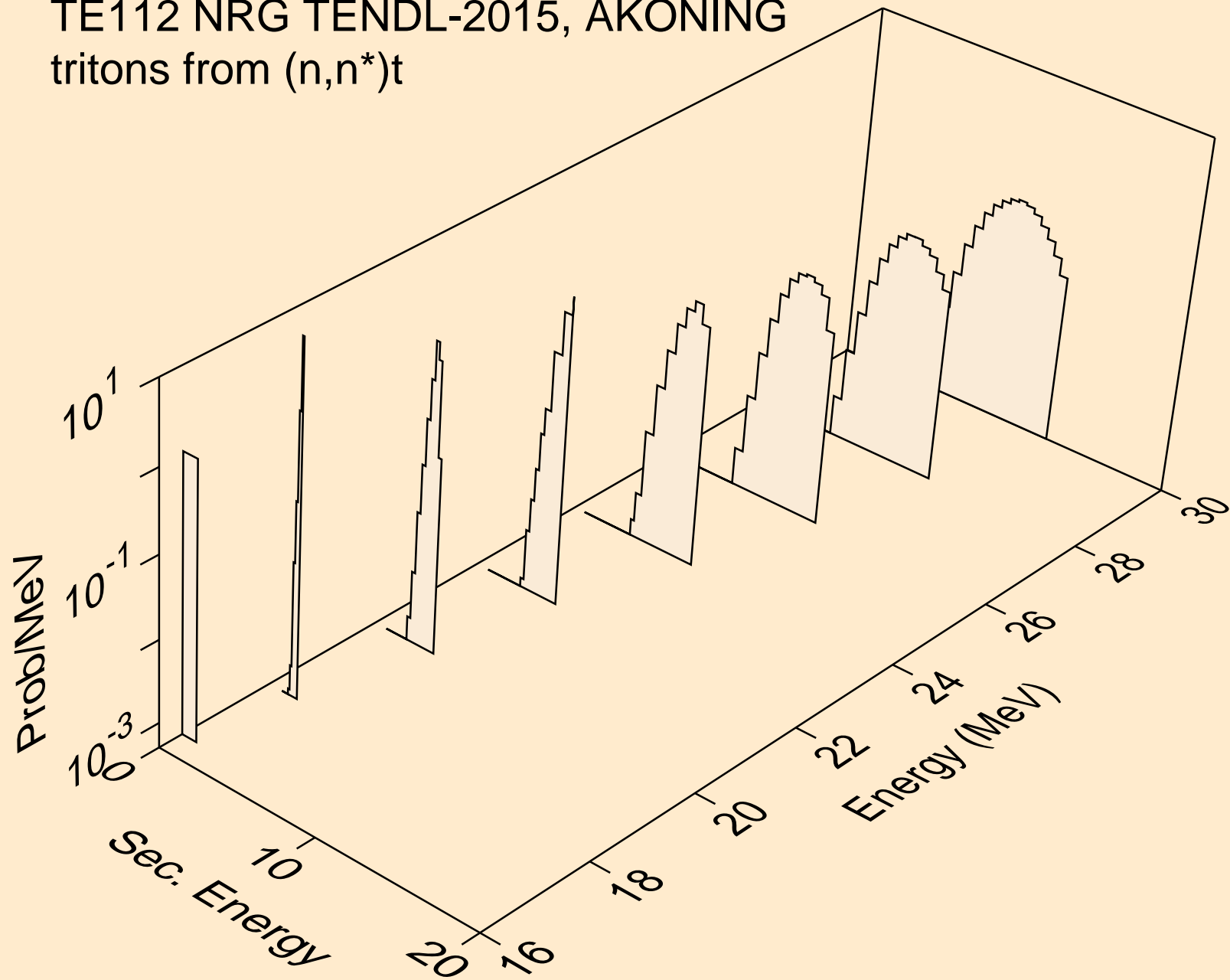
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deuterons from (n,da)



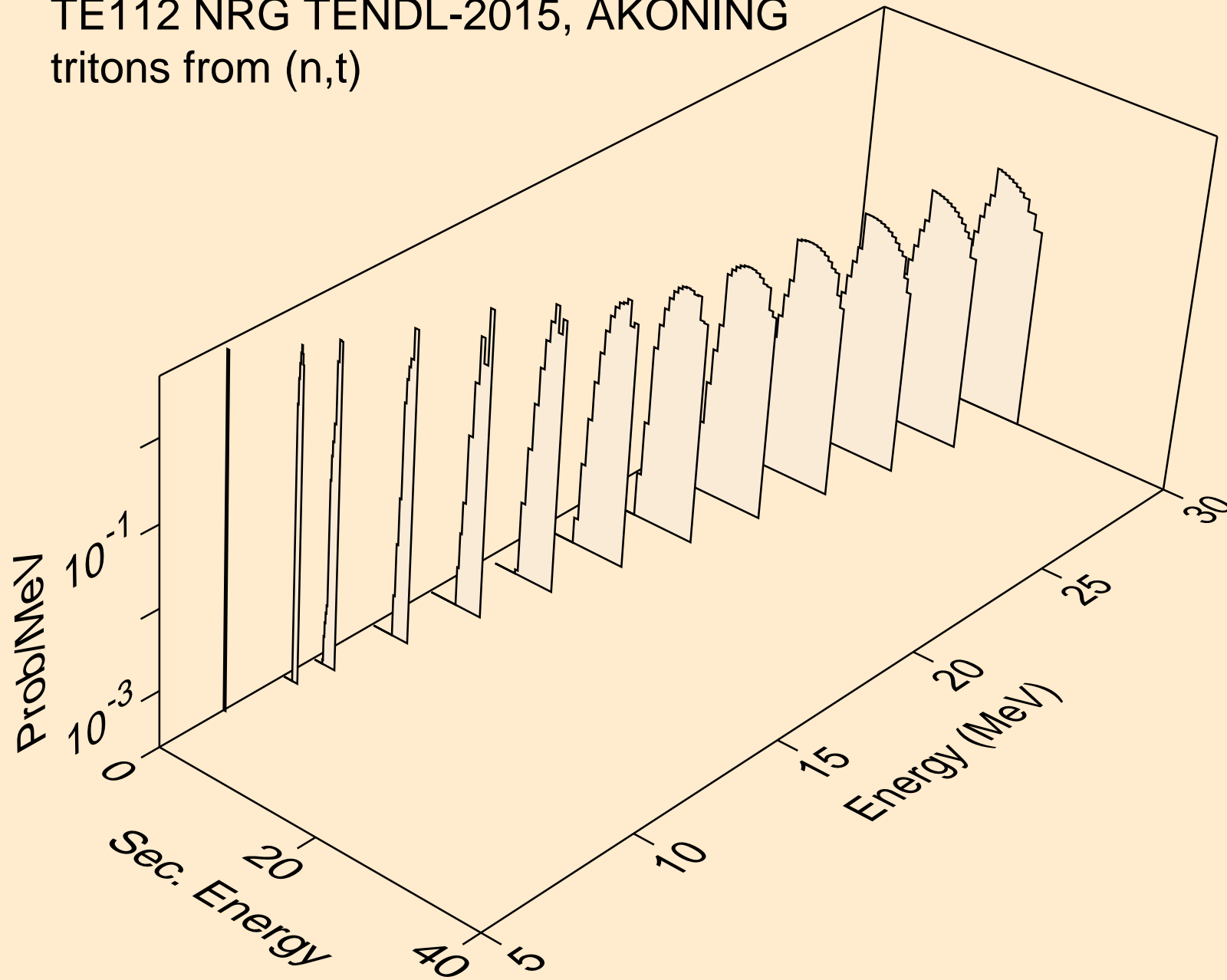
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tritons from (n,x)



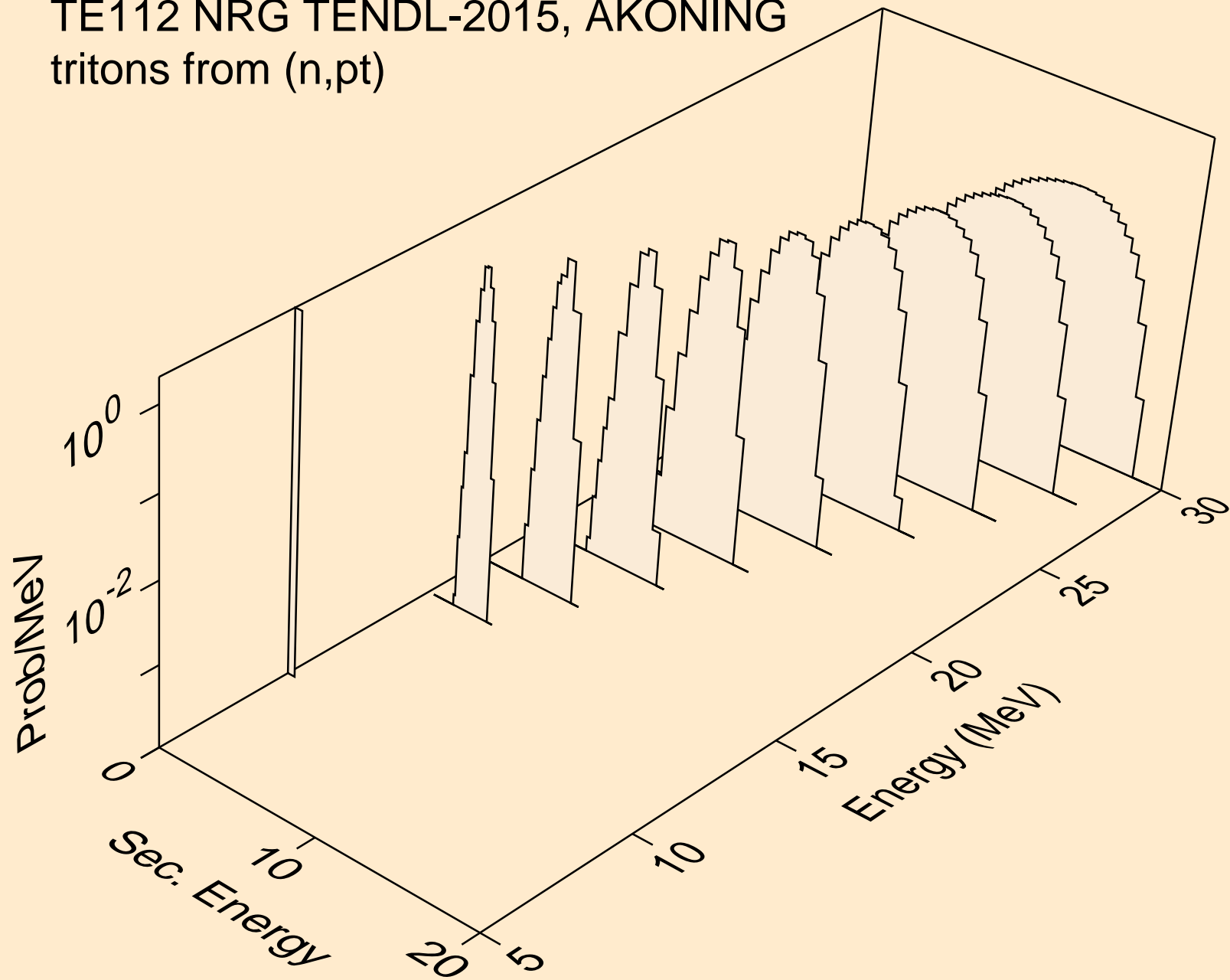
TE112 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



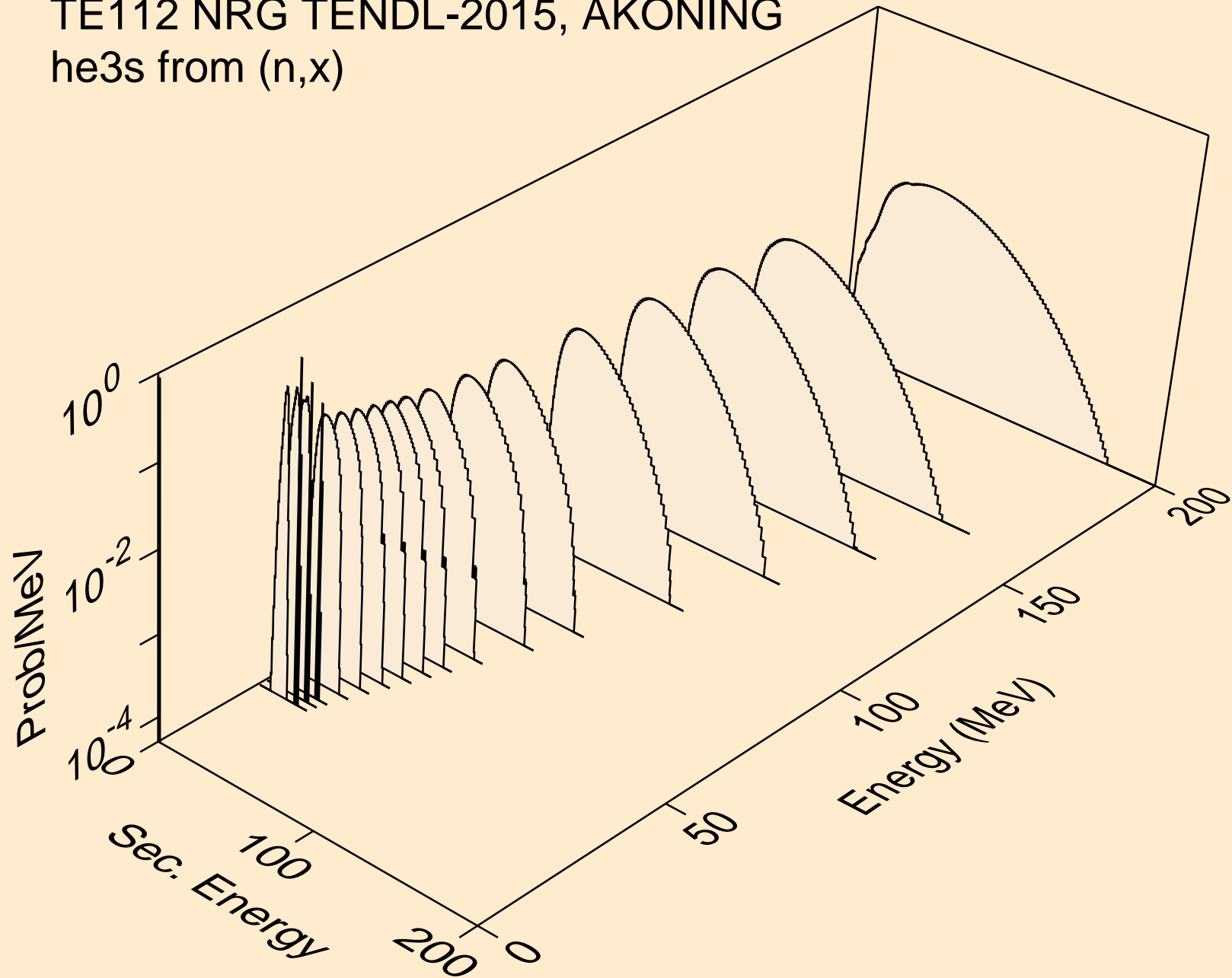
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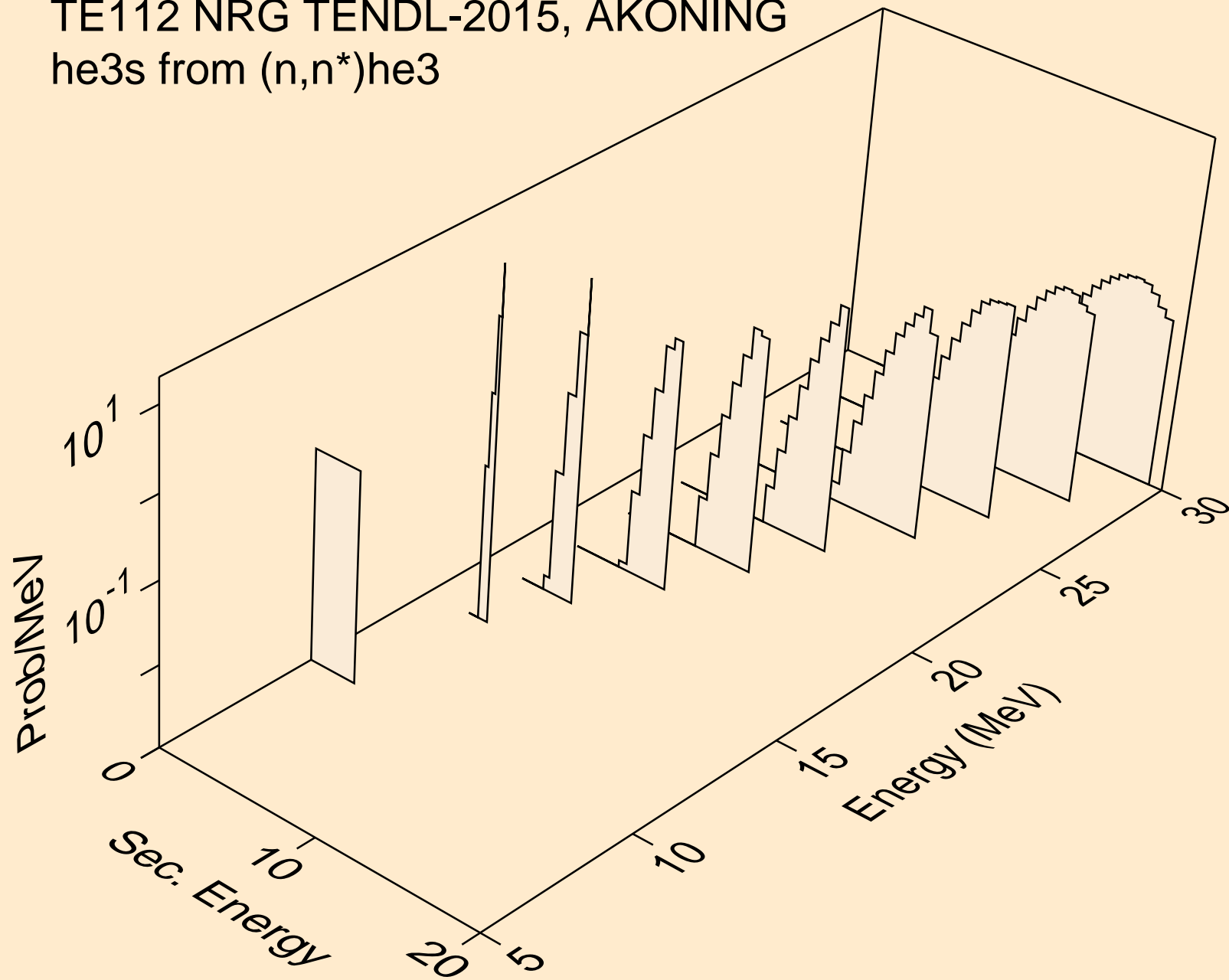
TE112 NRG TENDL-2015, AKONING  
tritons from (n,pt)



TE112 NRG TENDL-2015, AKONING  
he3s from (n,x)

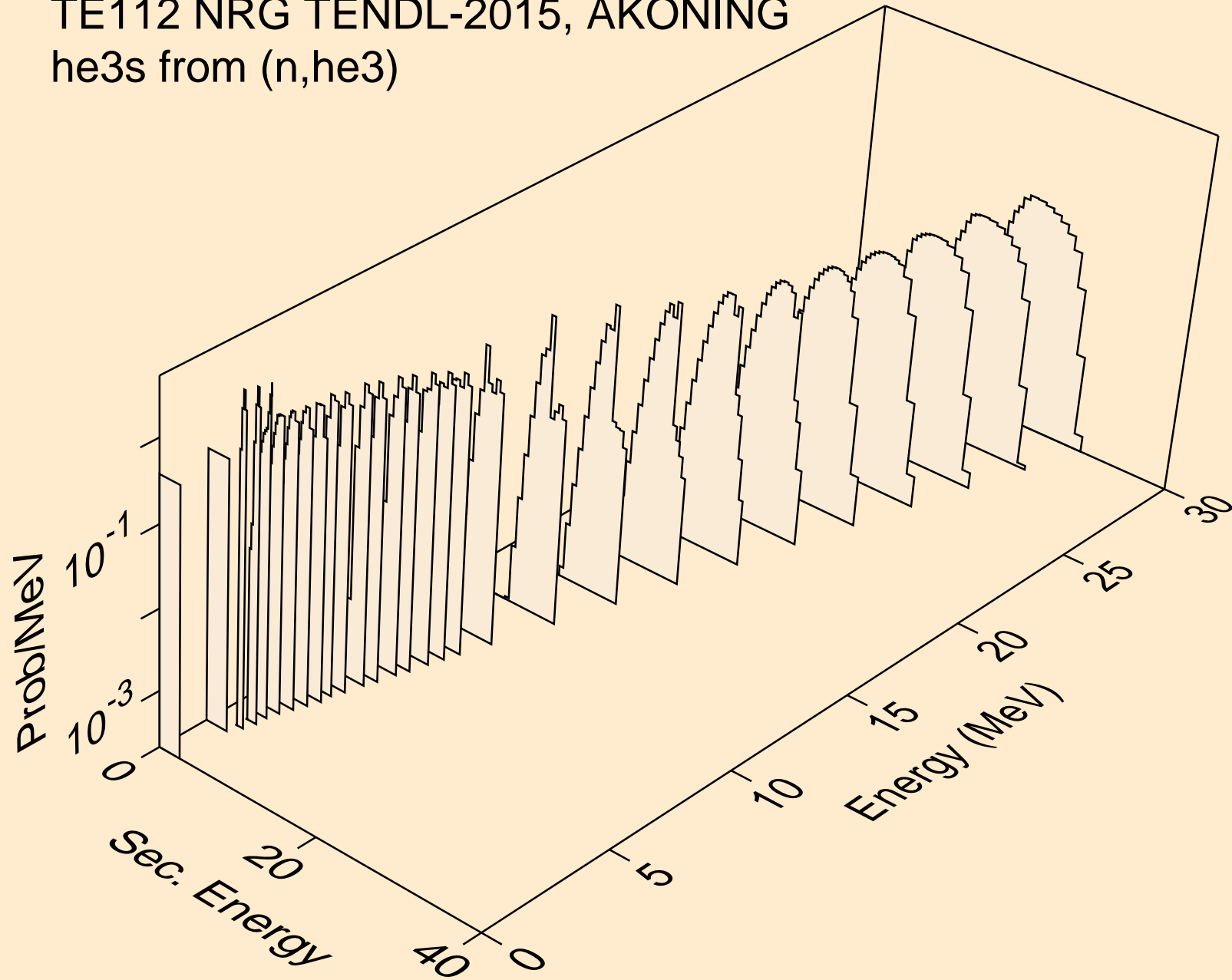


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he3s from (n,n\*)he3

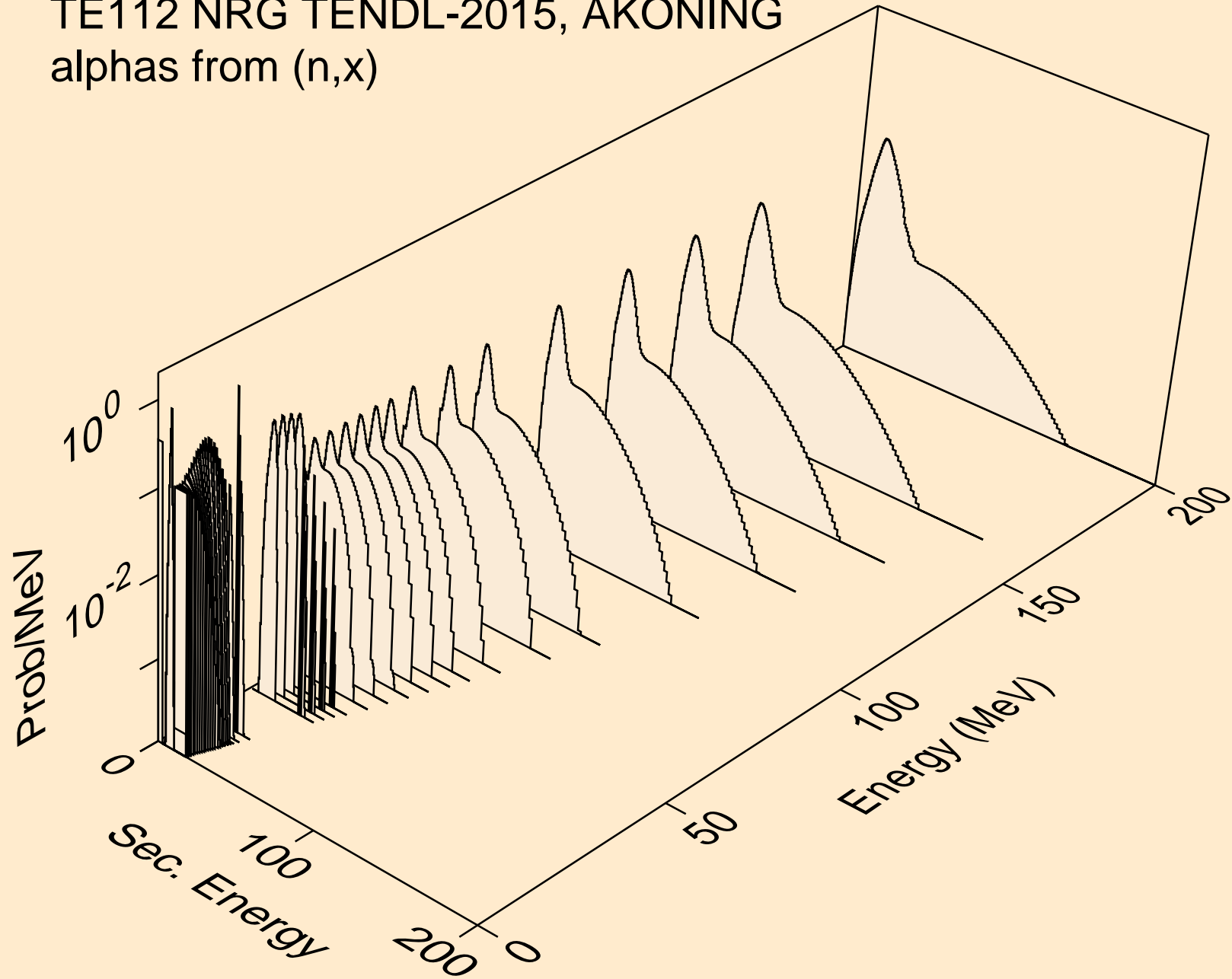




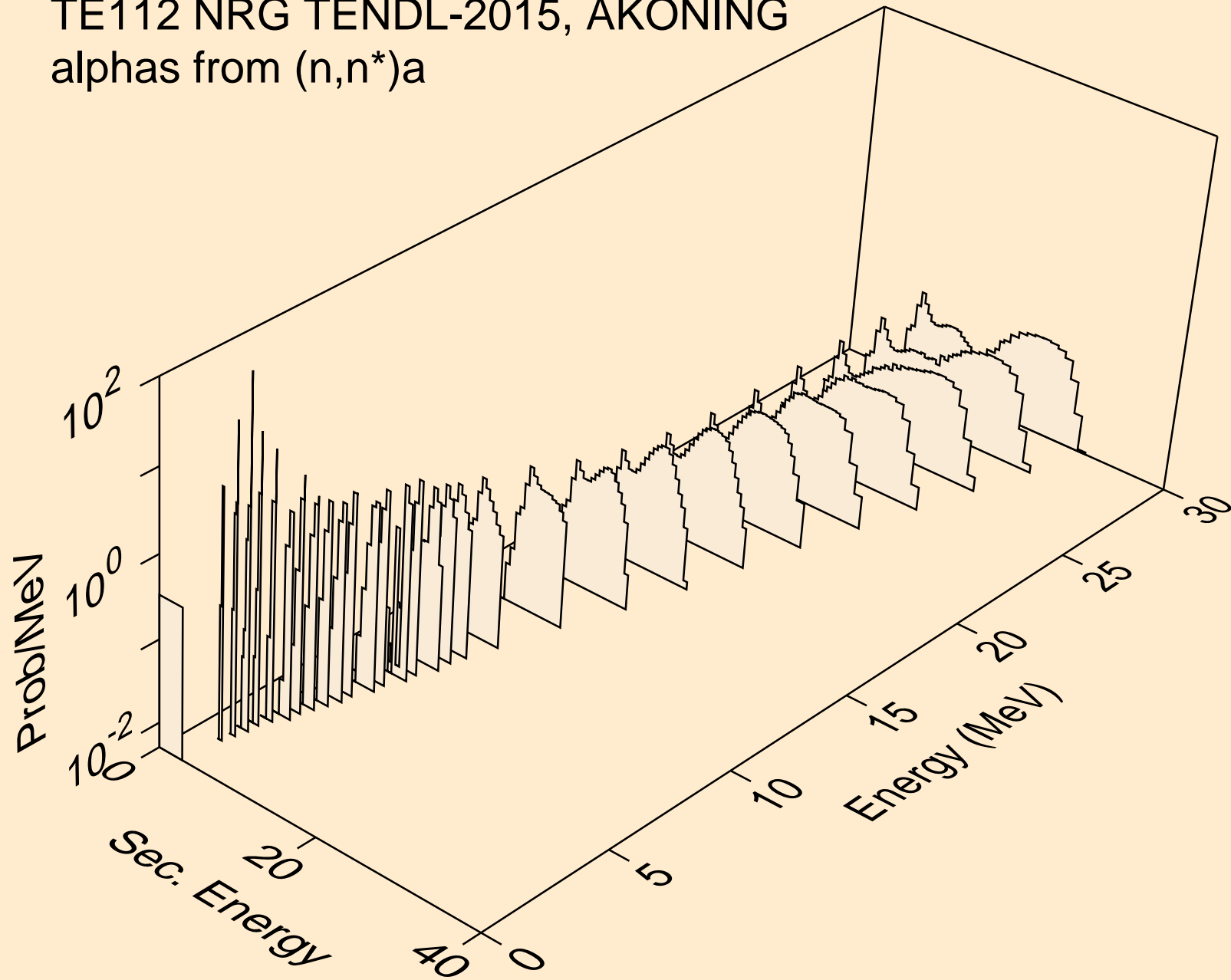
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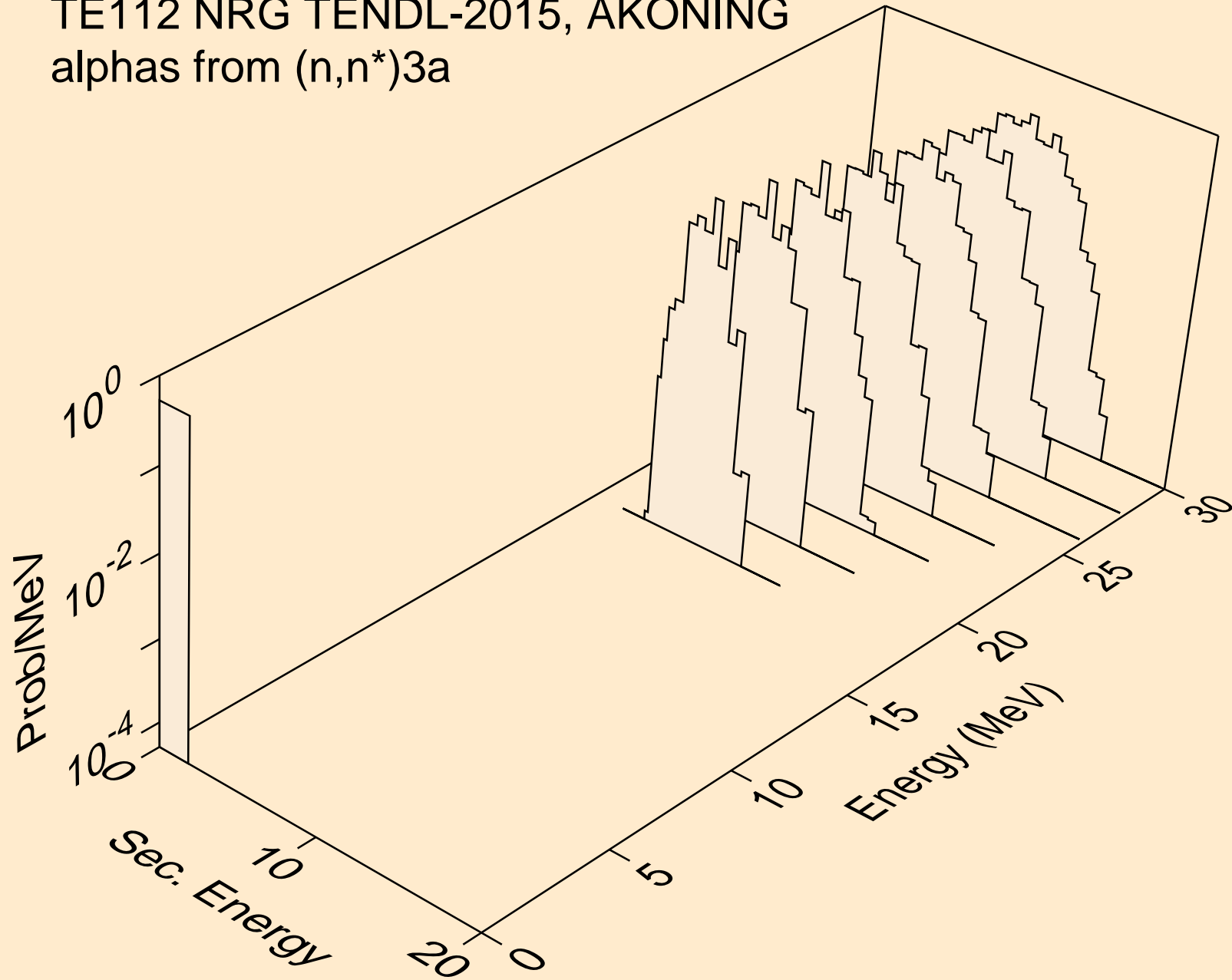
TE112 NRG TENDL-2015, AKONING  
alphas from (n,x)



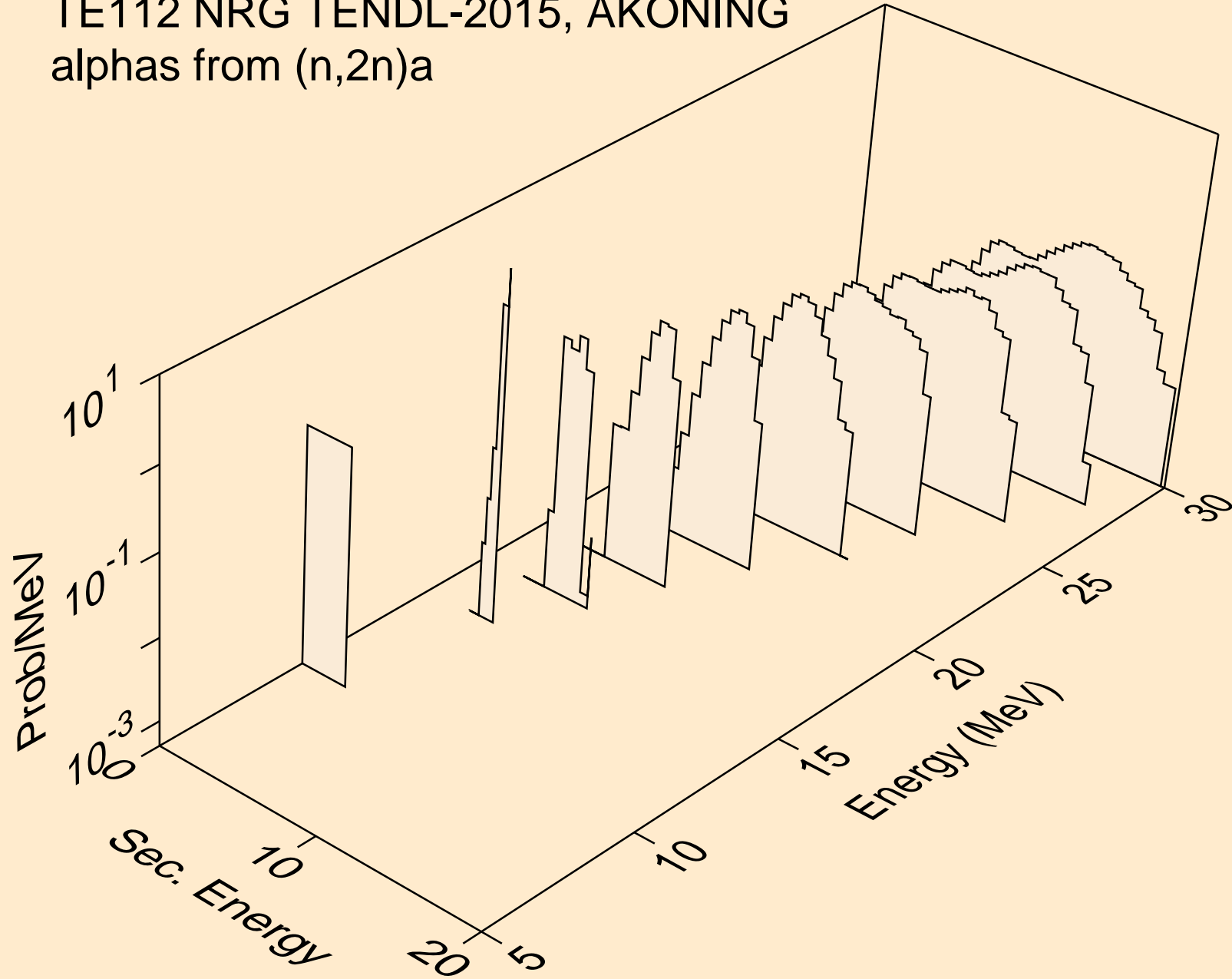
TE112 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



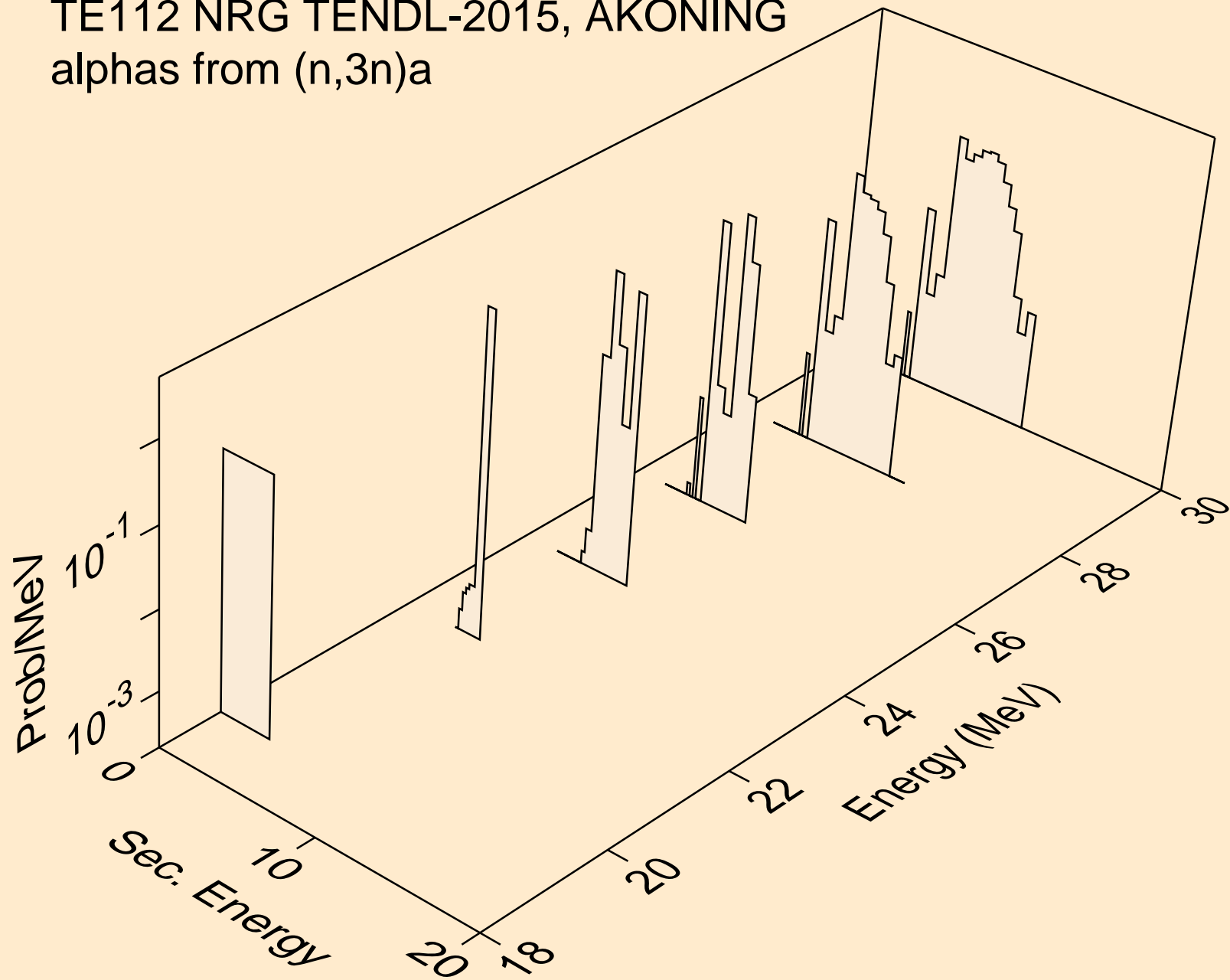
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alphas from (n,n\*)3a



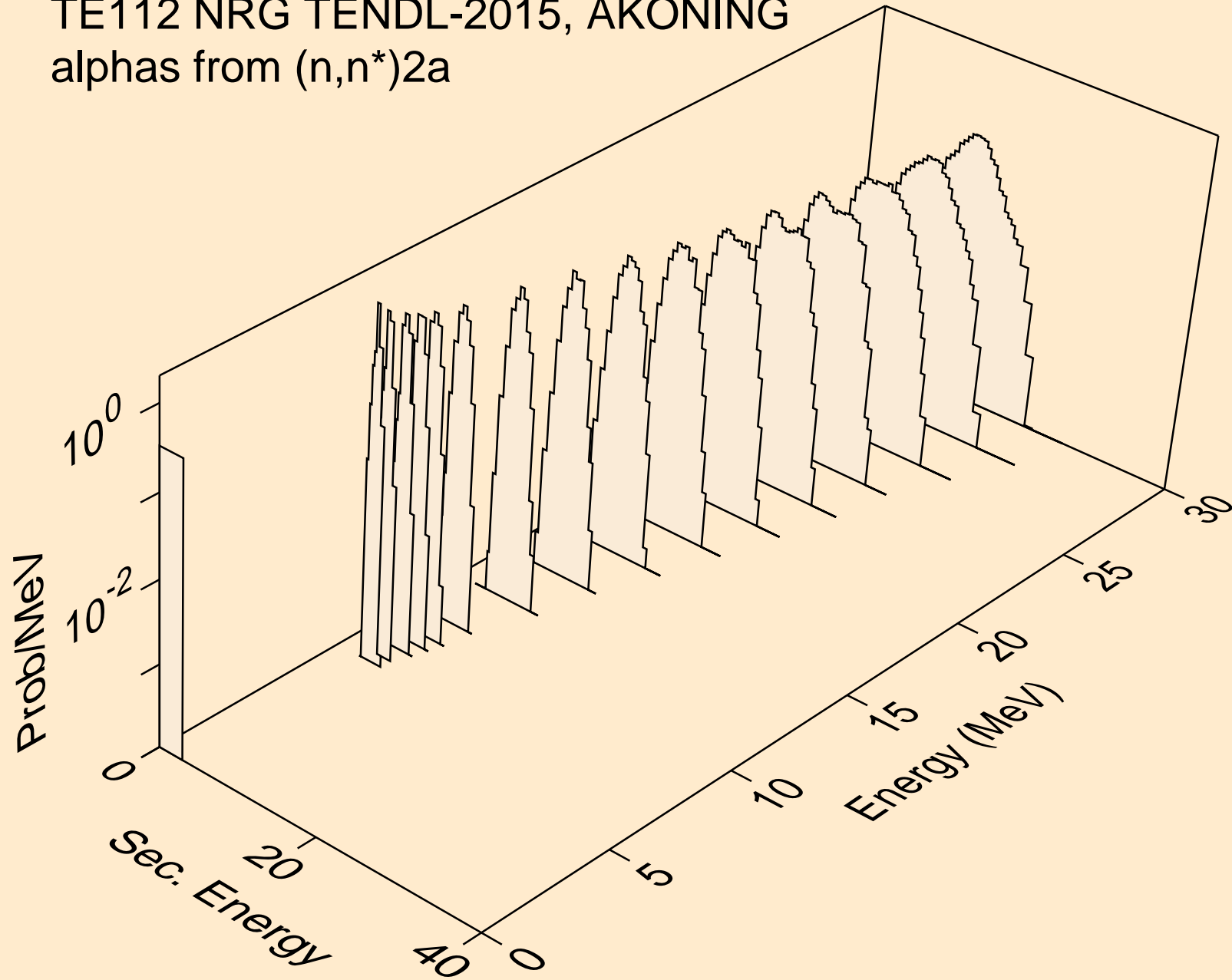
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alphas from (n,2n)a



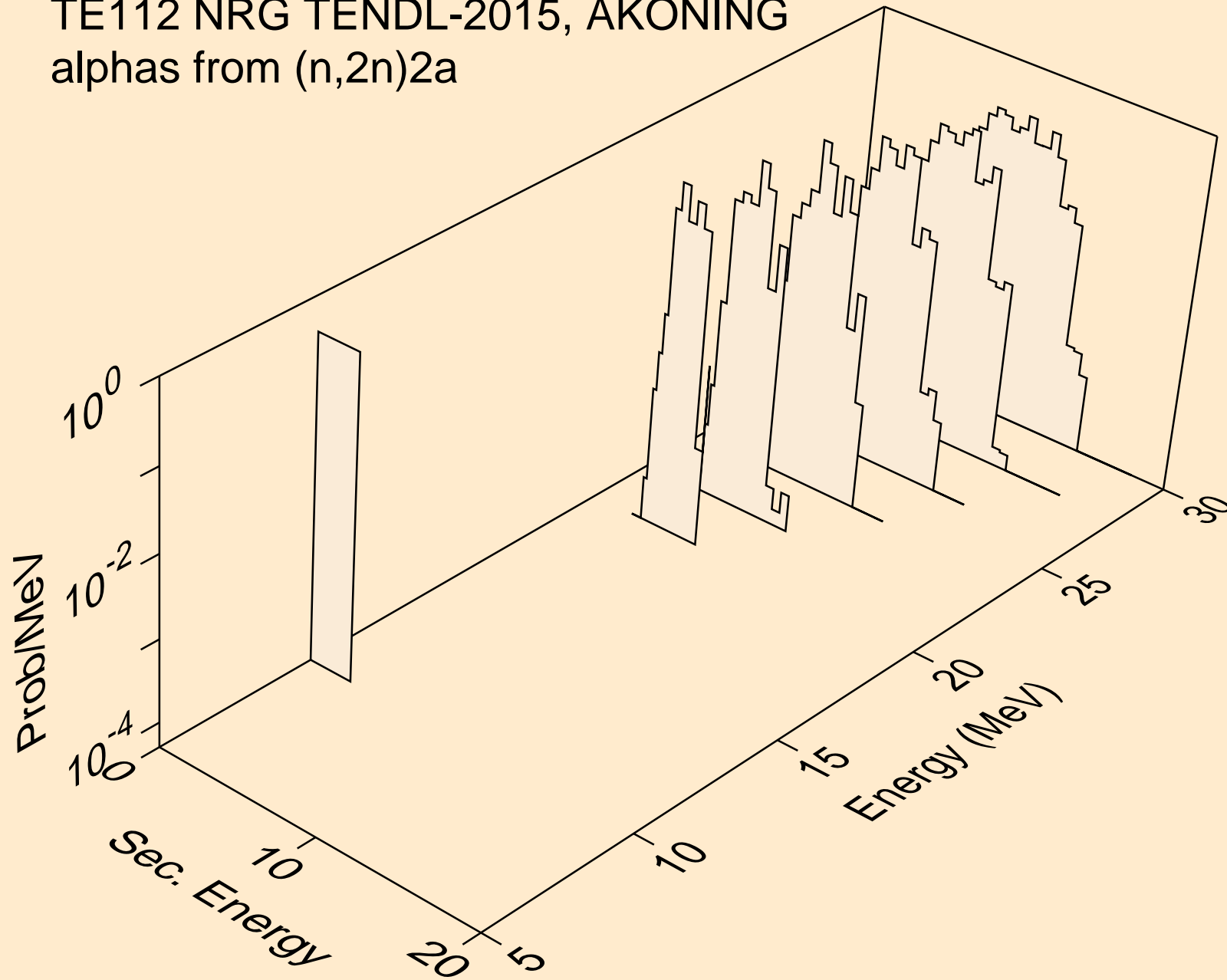
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alphas from (n,3n)a



TE112 NRG TENDL-2015, AKONING  
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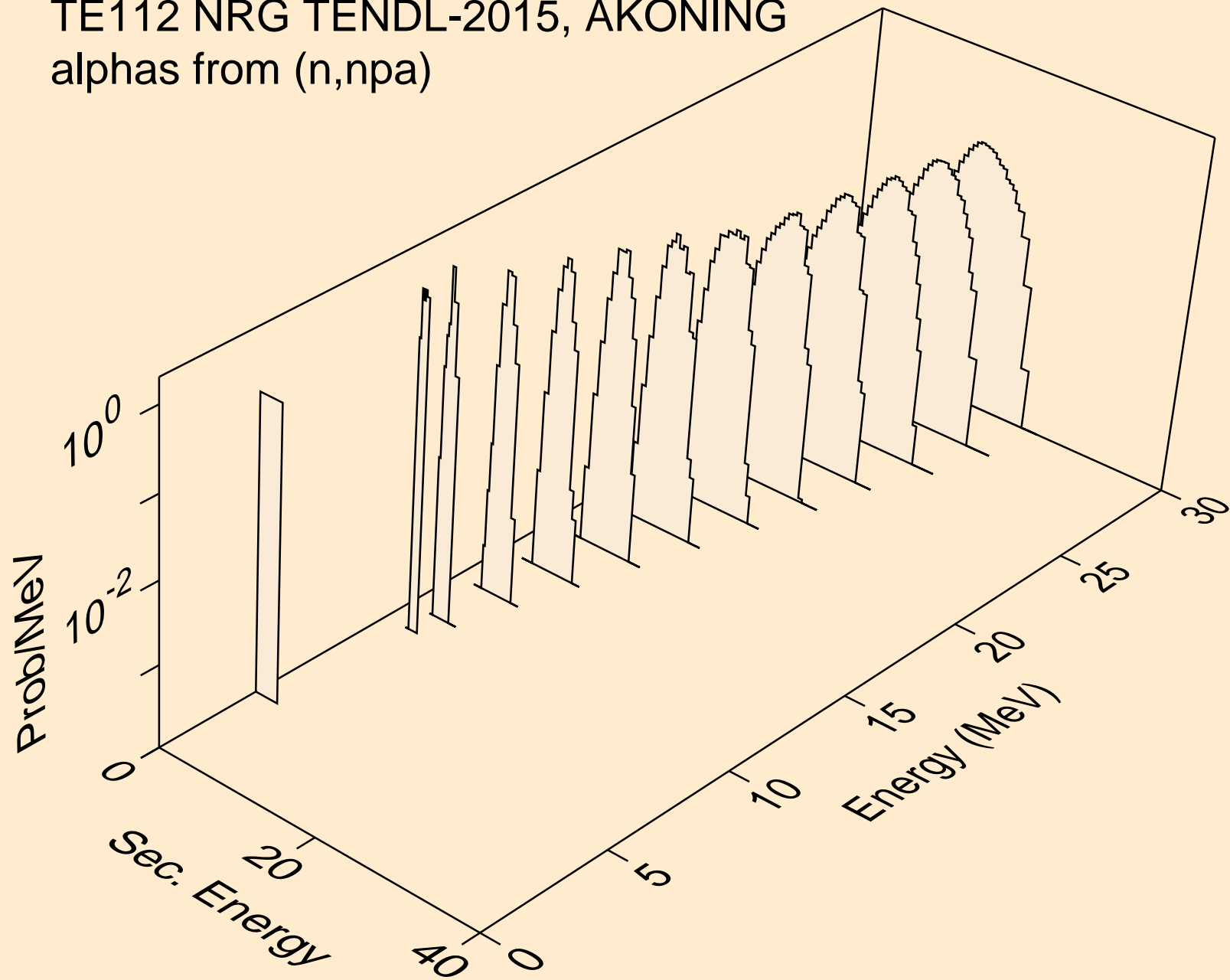


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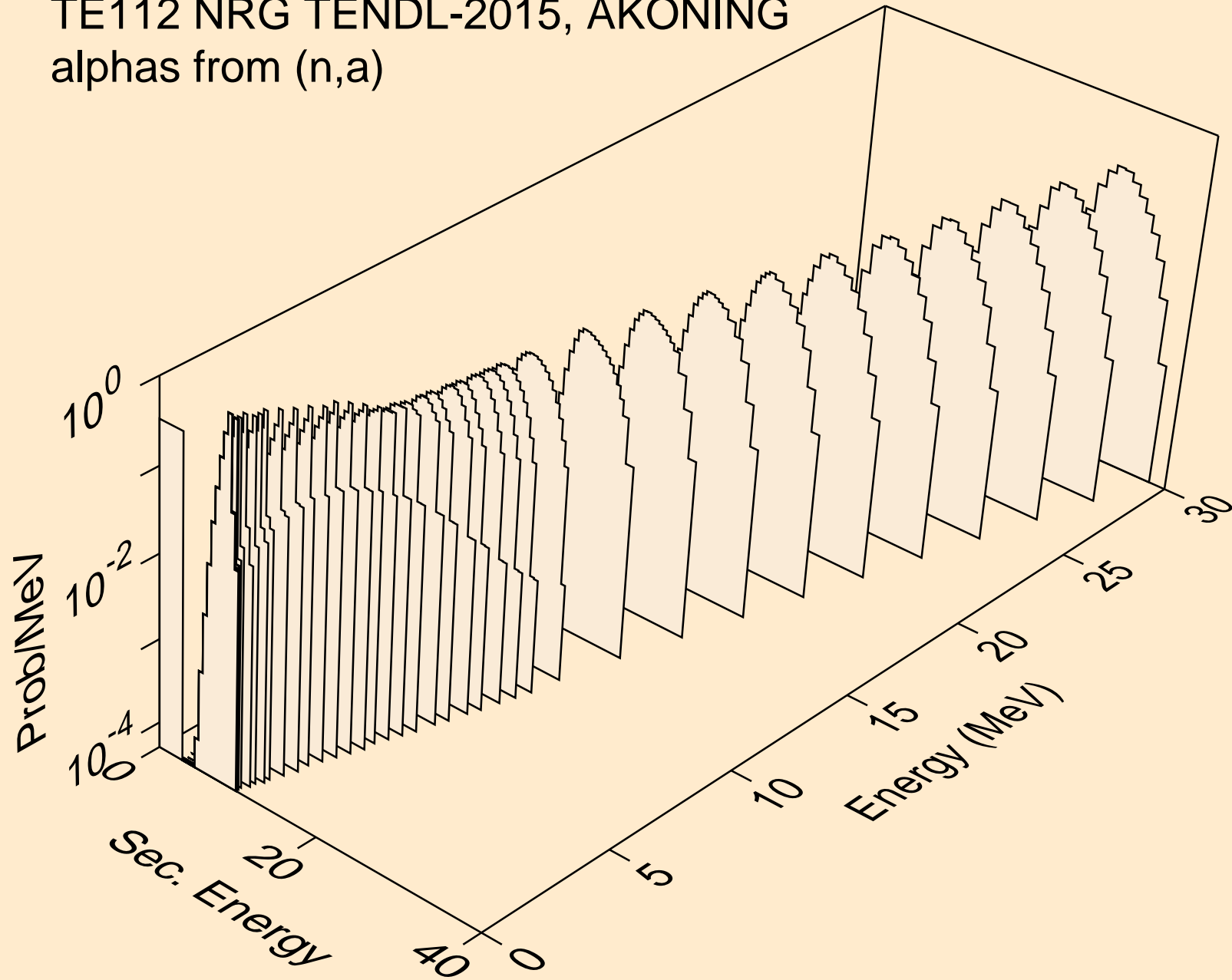




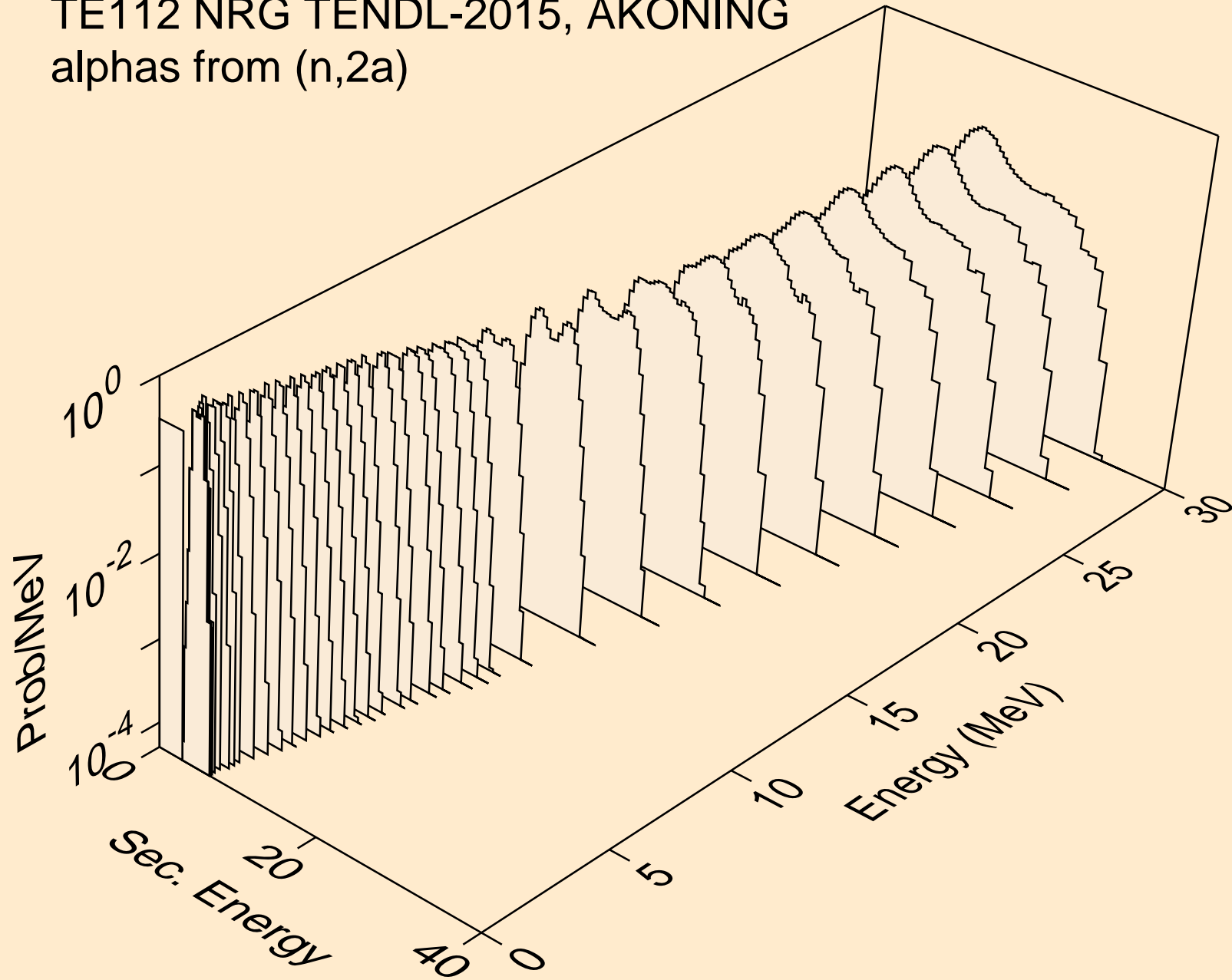
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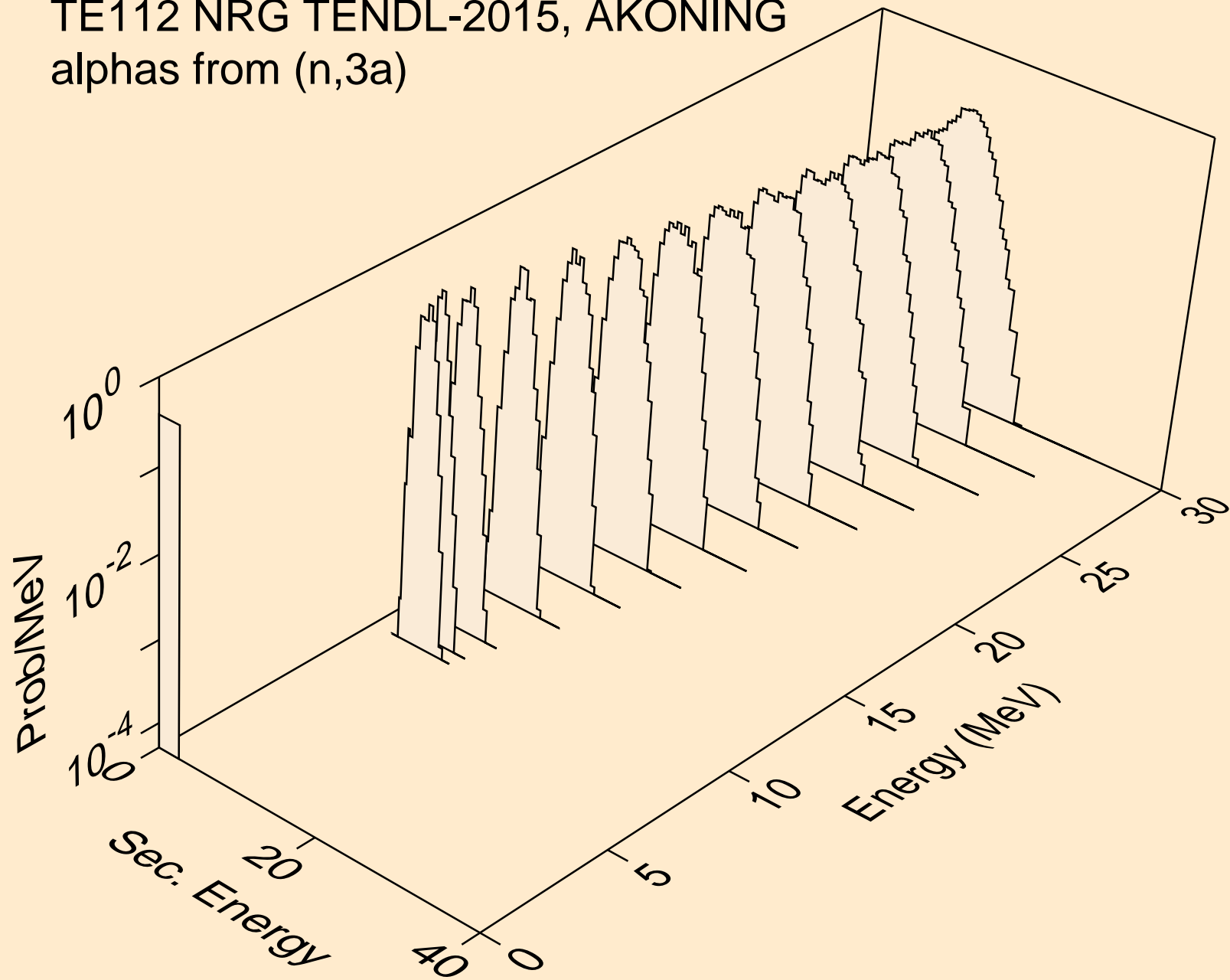
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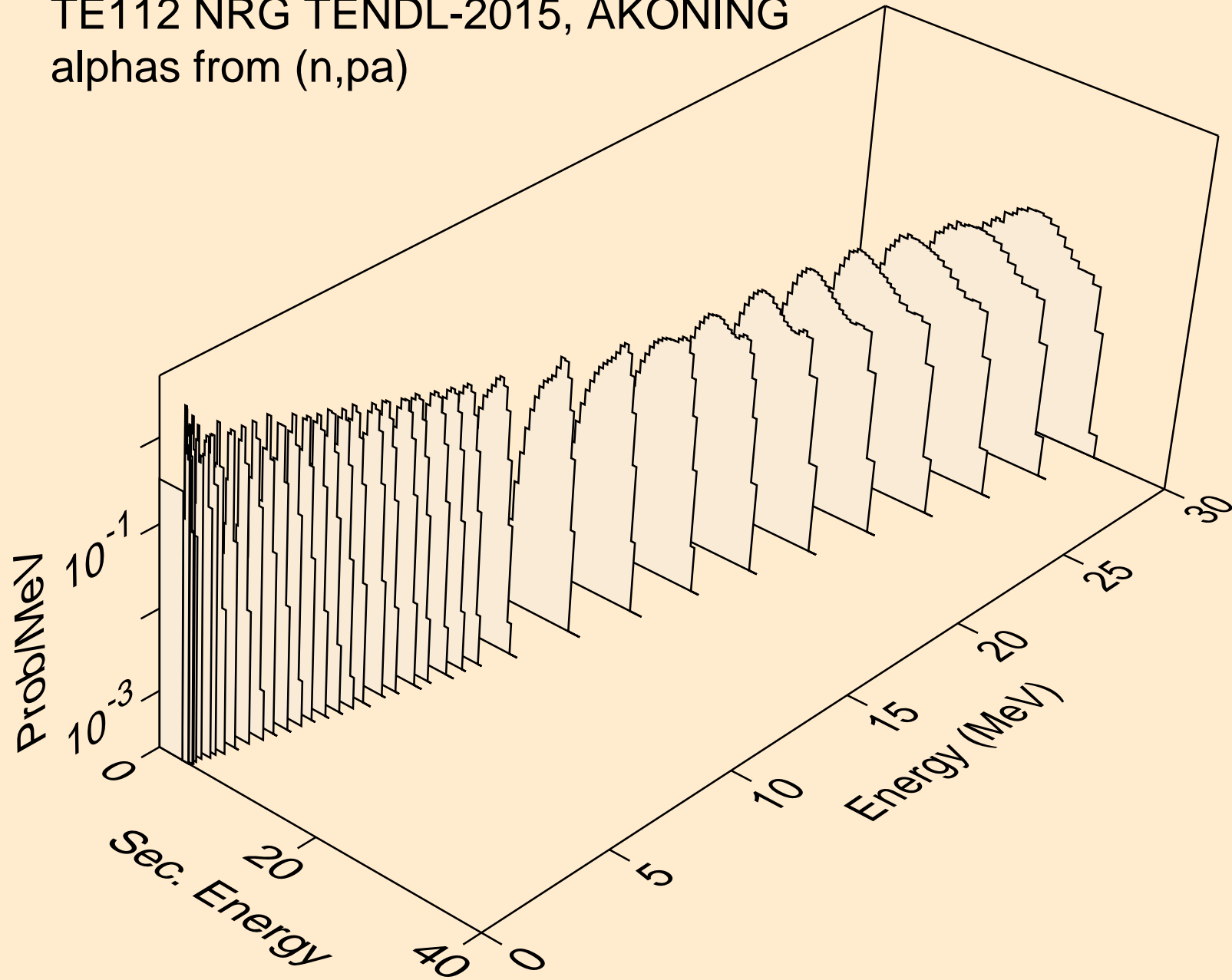
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alphas from (n,2a)



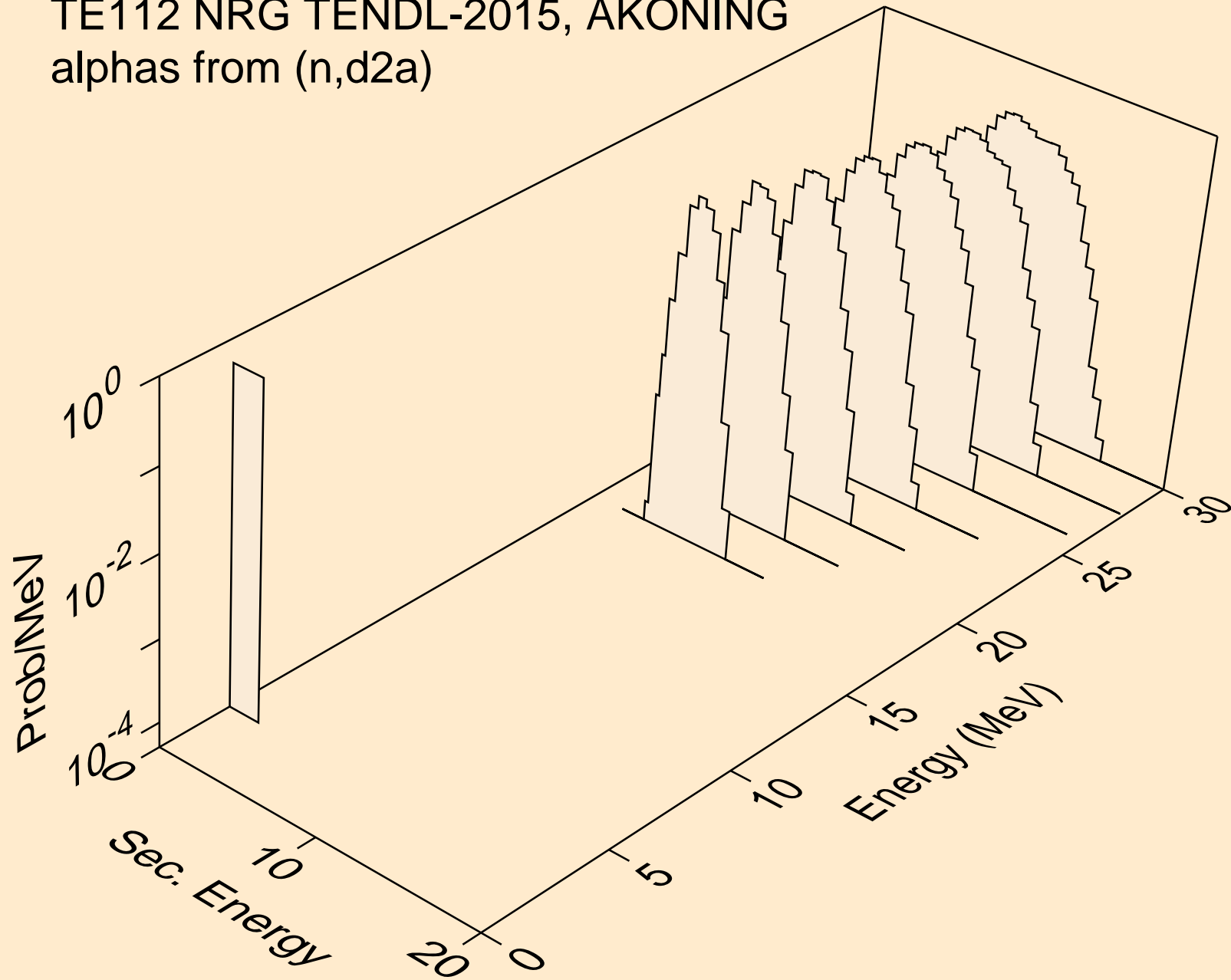
TE112 NRG TENDL-2015, AKONING  
alphas from (n,3a)



TE112 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TE112 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



TE112 NRG TENDL-2015, AKONING  
alphas from (n,da)

