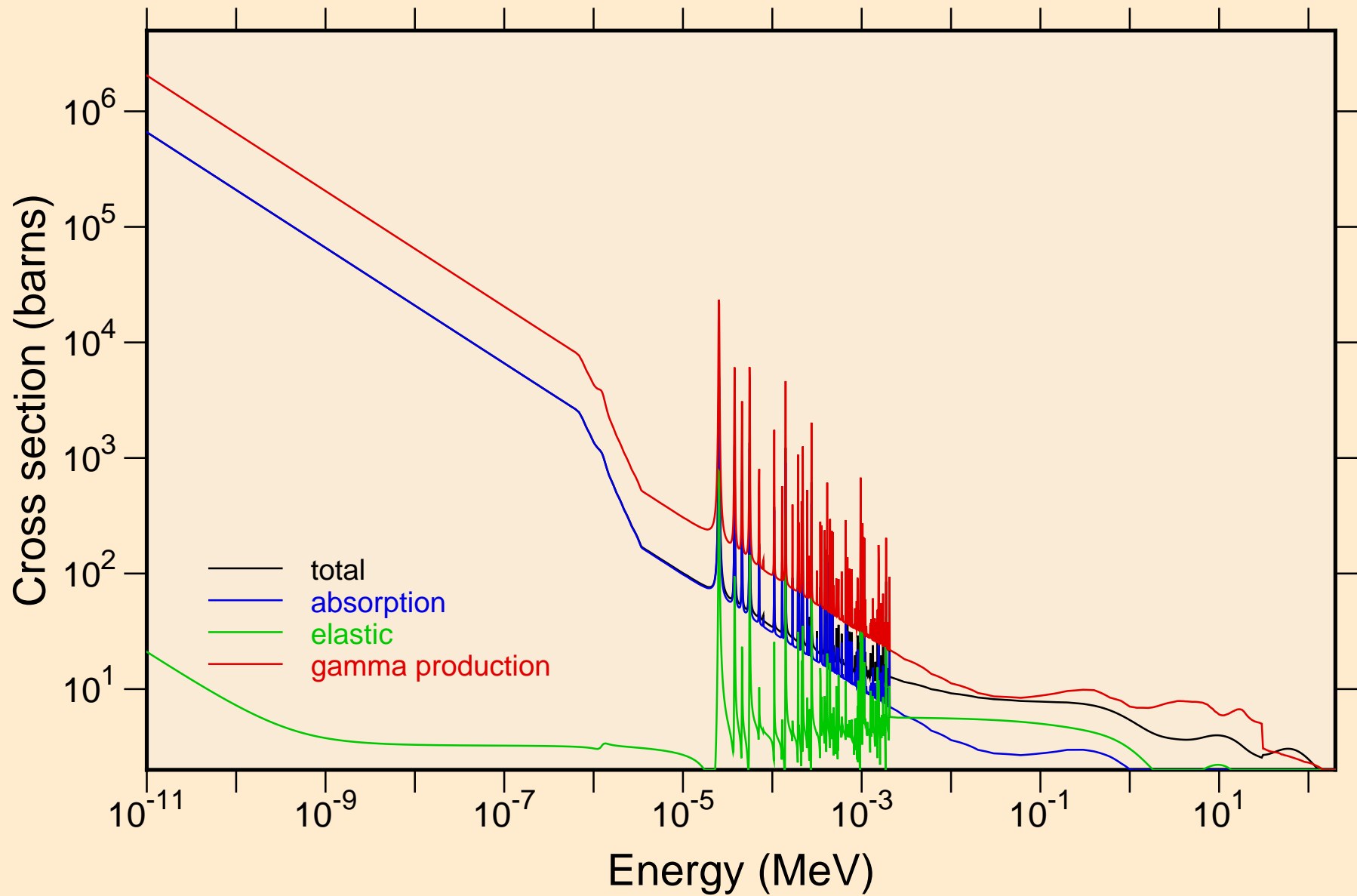
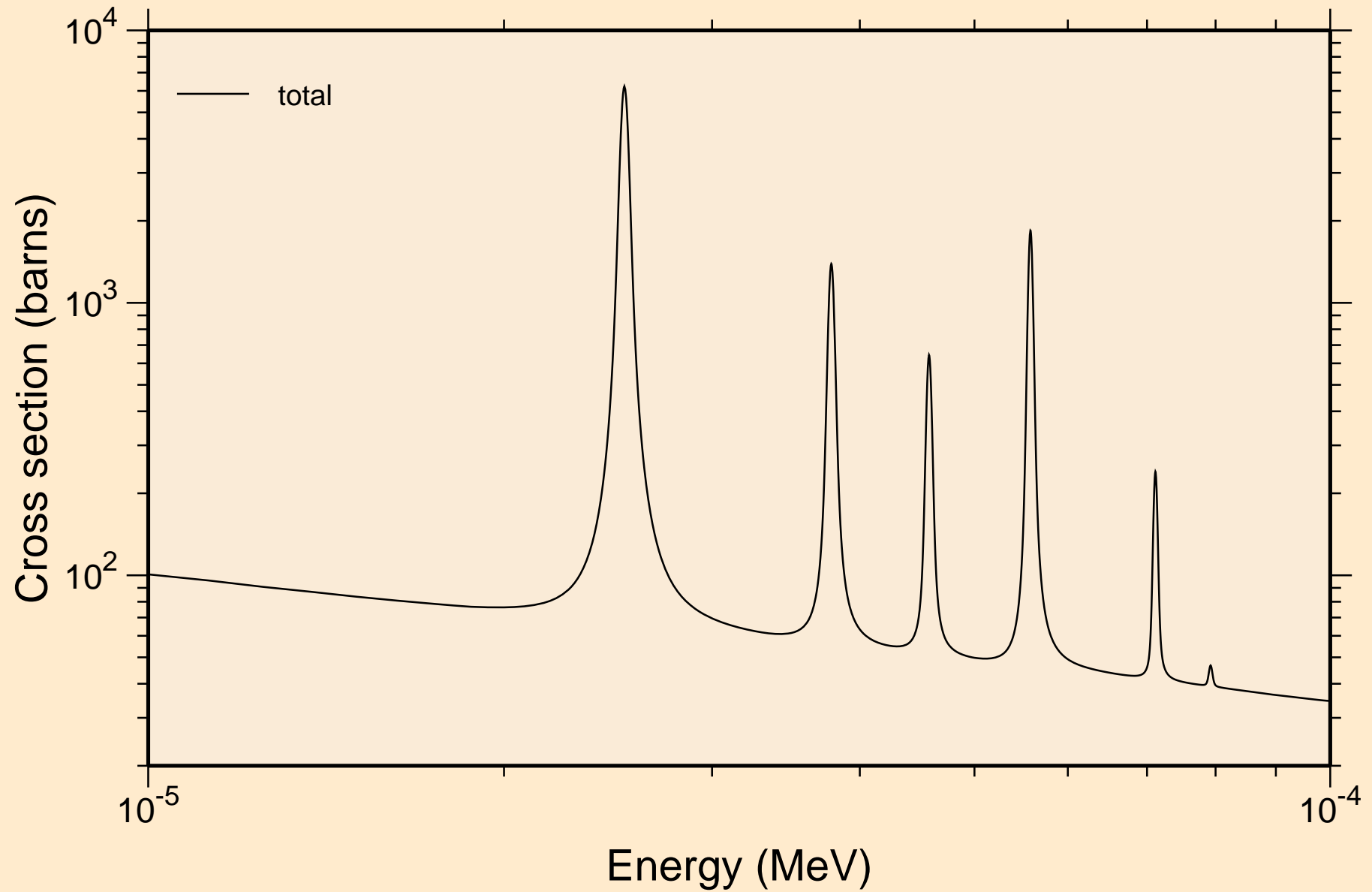


# Y081 NRG TENDL-2015, AKONING

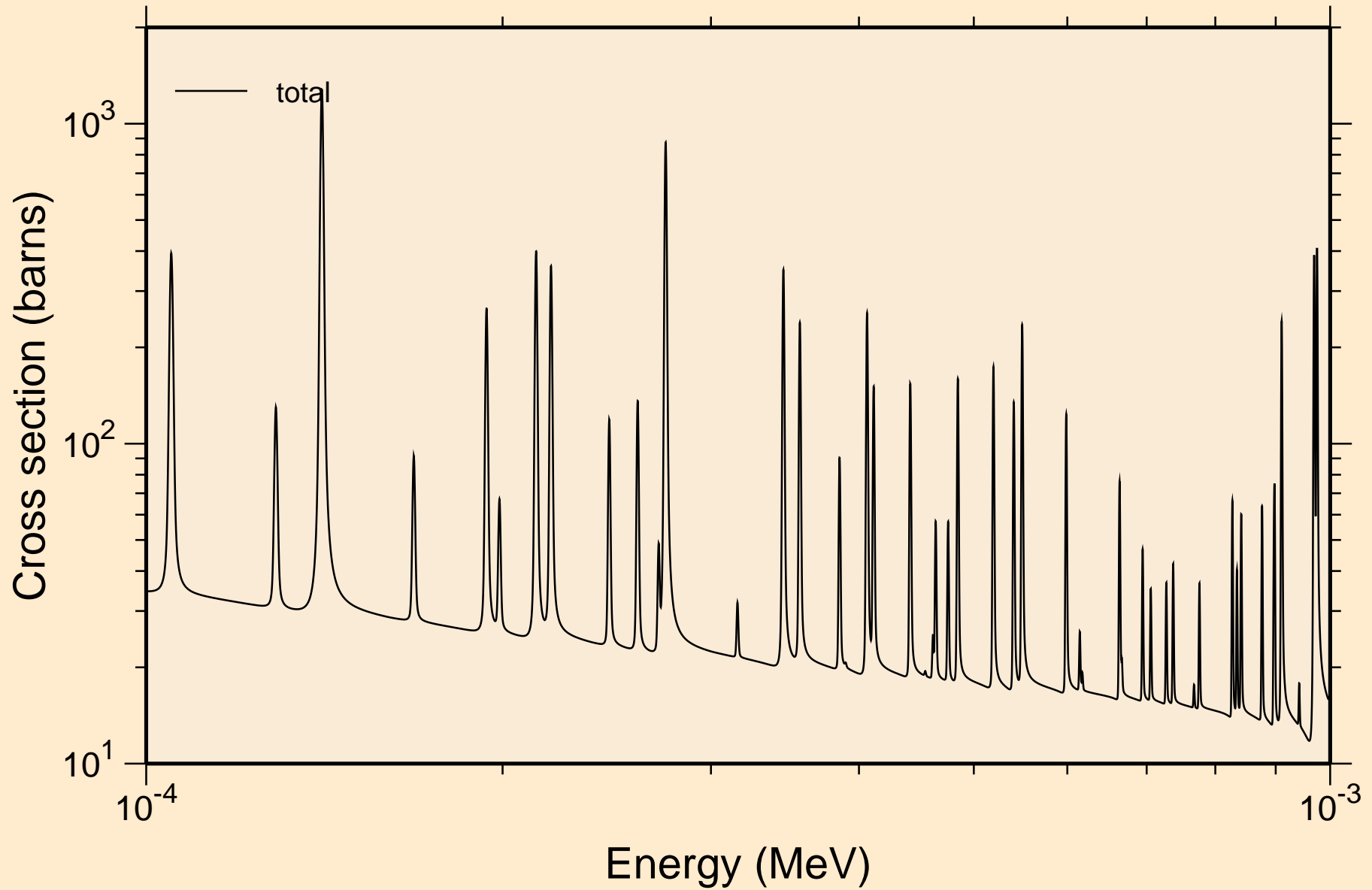
## Principal cross sections



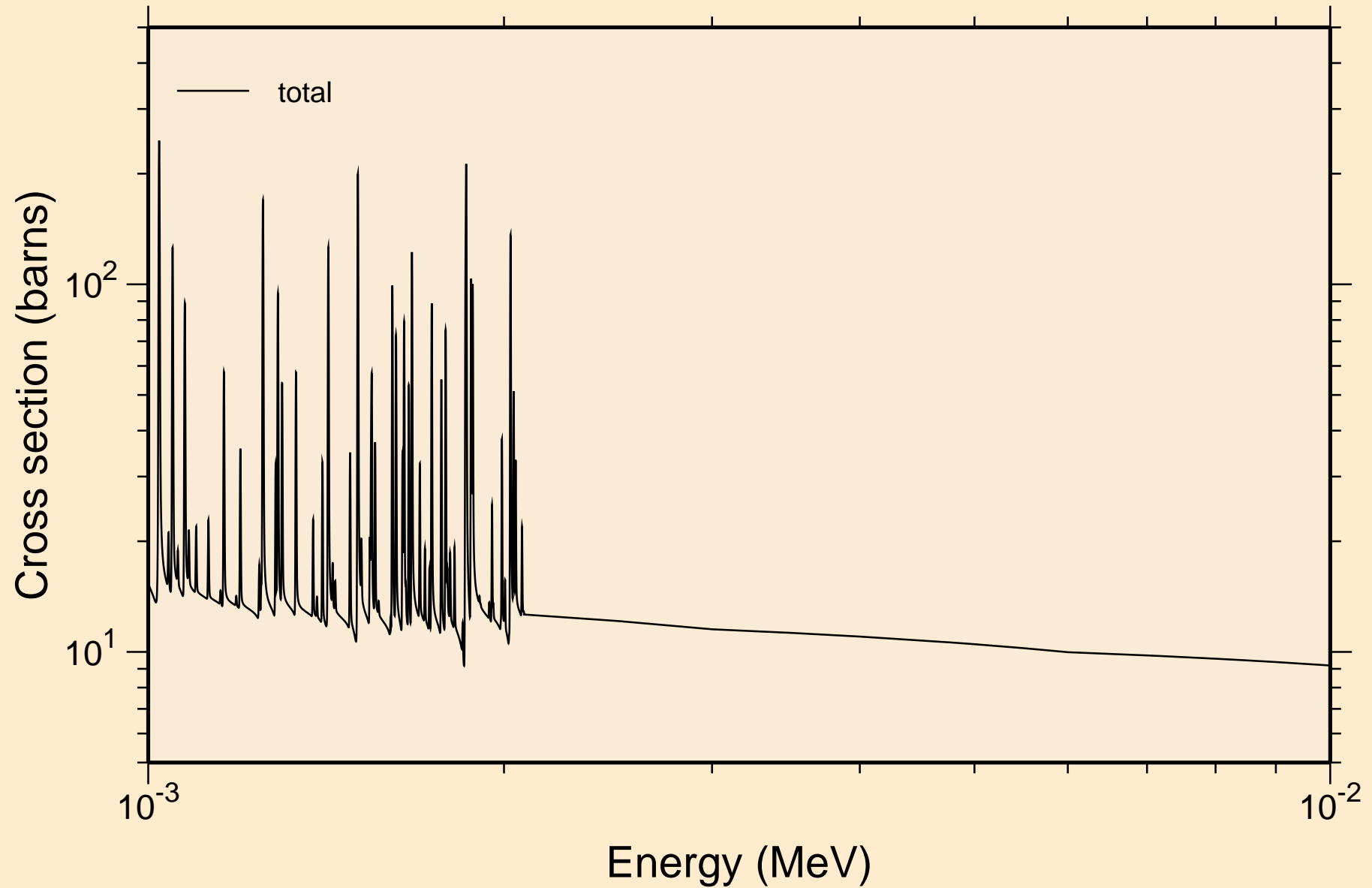
Y081 NRG TENDL-2015, AKONING  
resonance total cross section



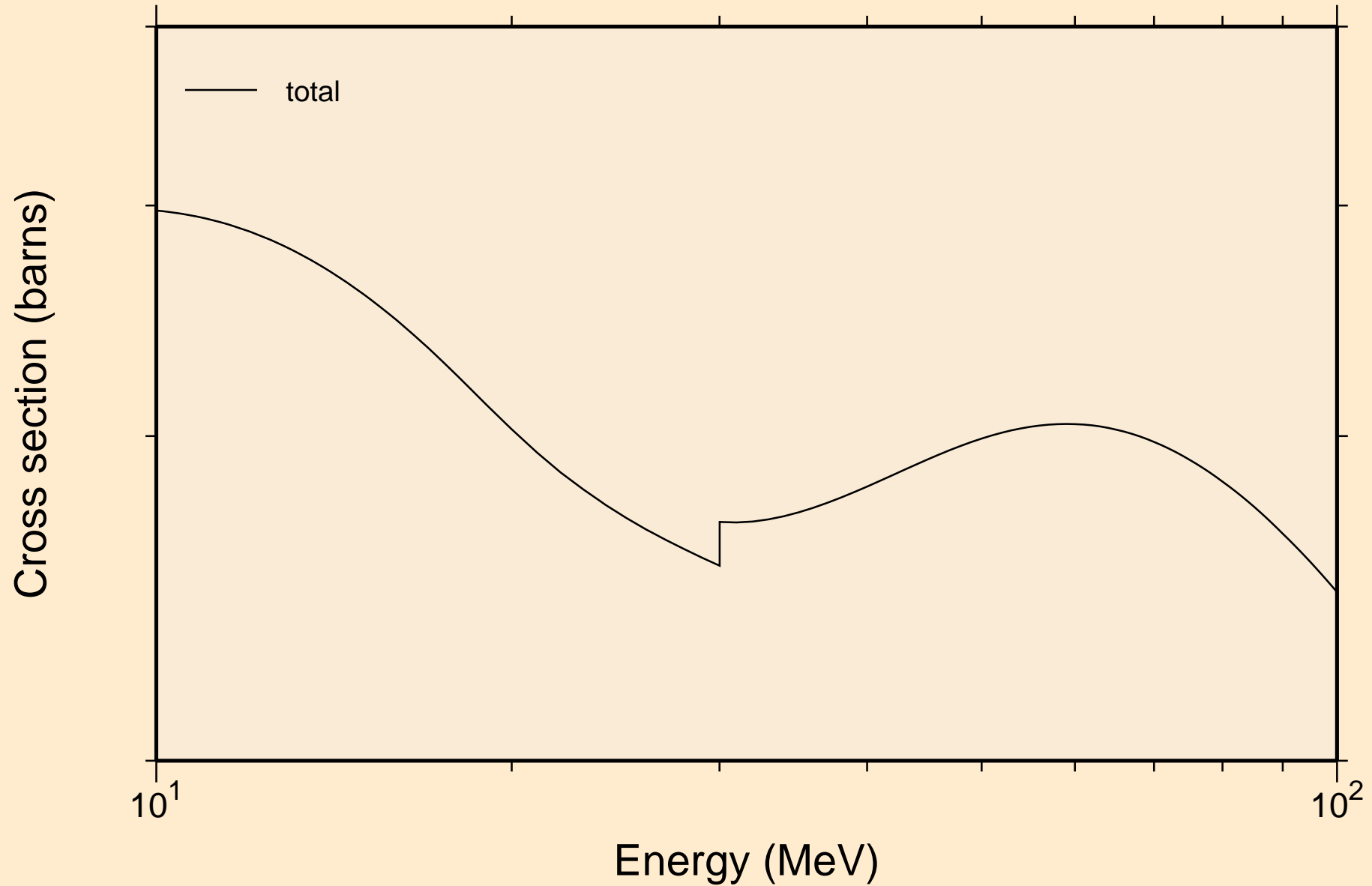
Y081 NRG TENDL-2015, AKONING  
resonance total cross section



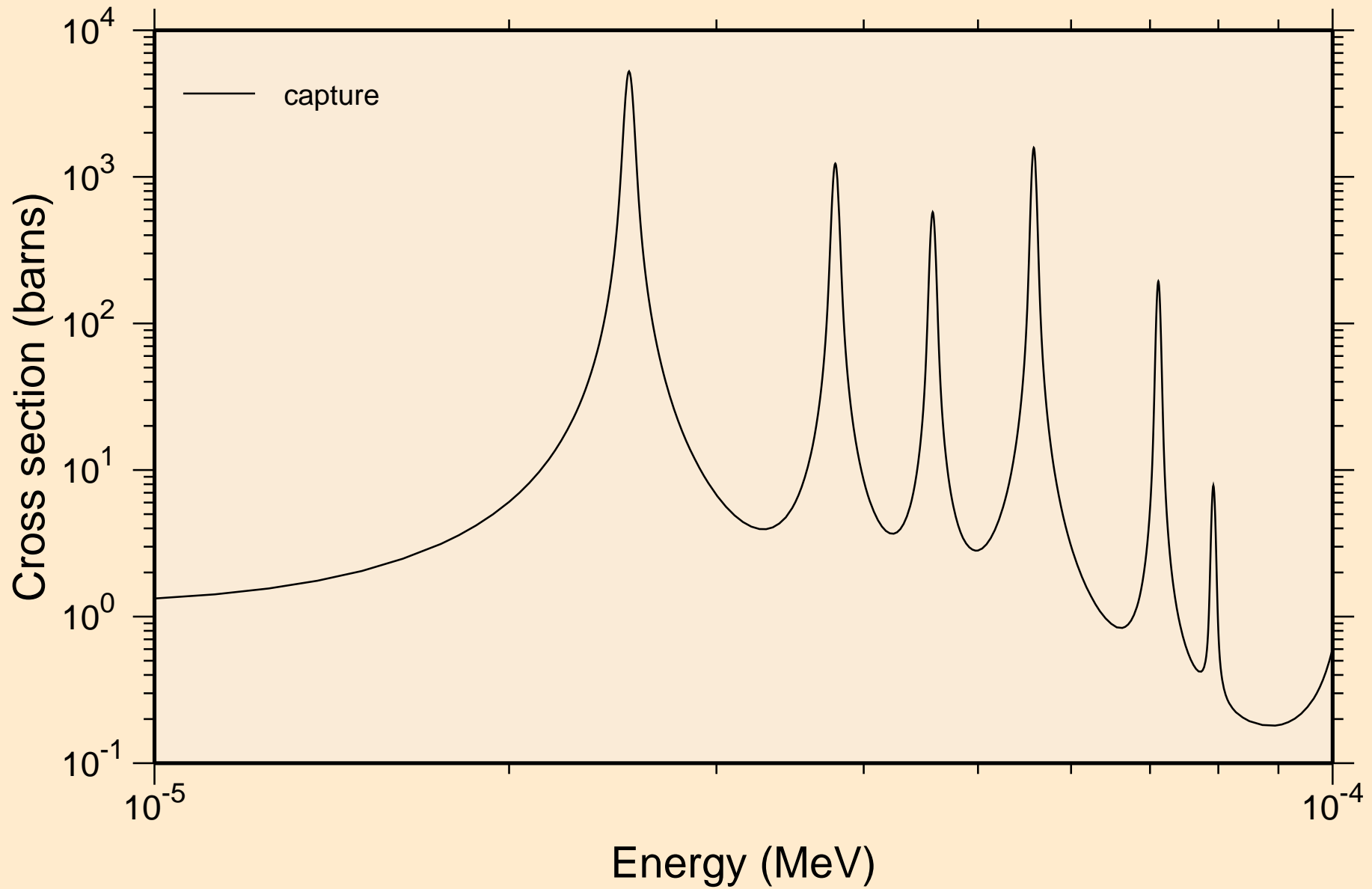
Y081 NRG TENDL-2015, AKONING  
resonance total cross section



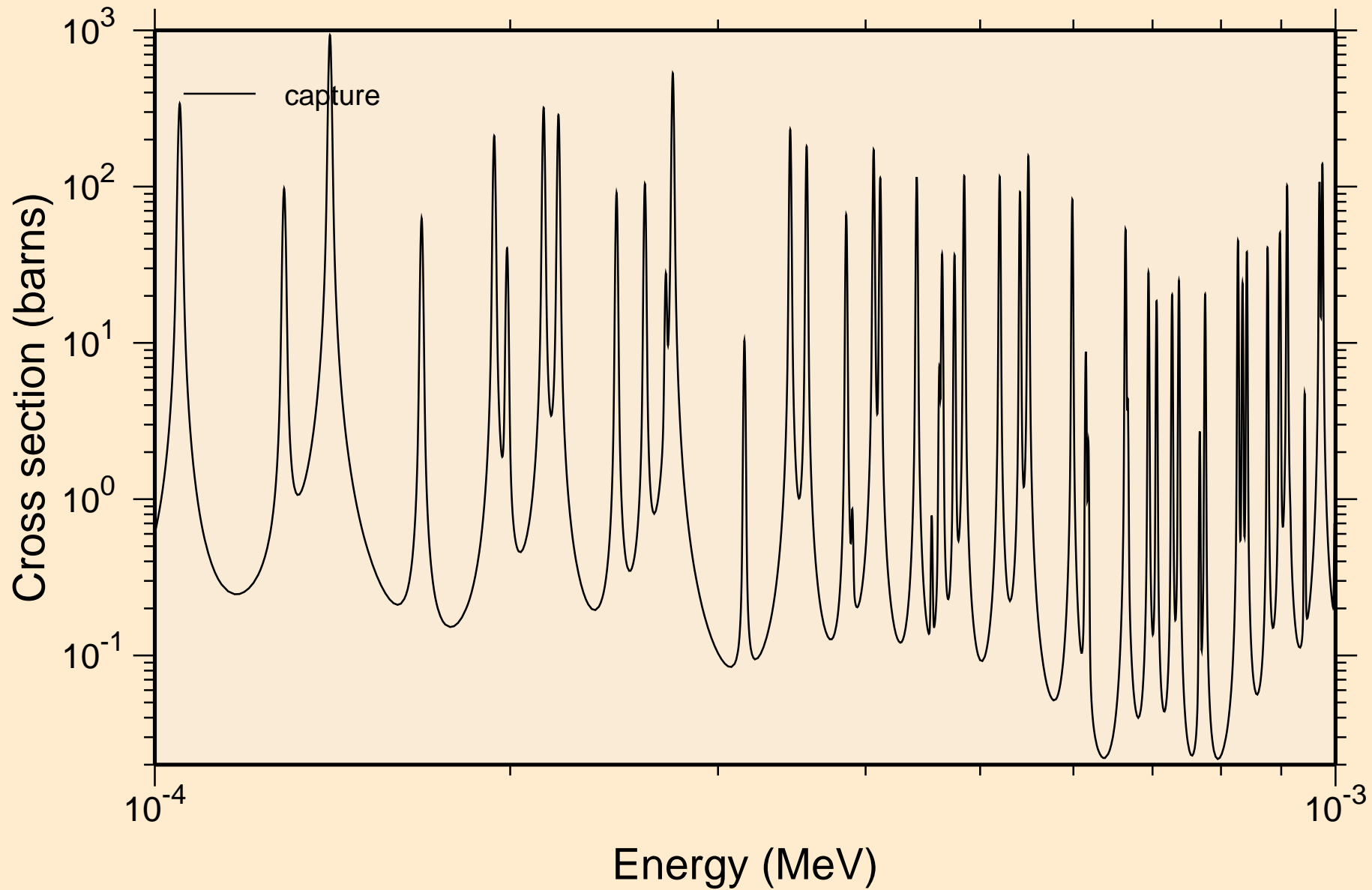
Y081 NRG TENDL-2015, AKONING  
resonance total cross section



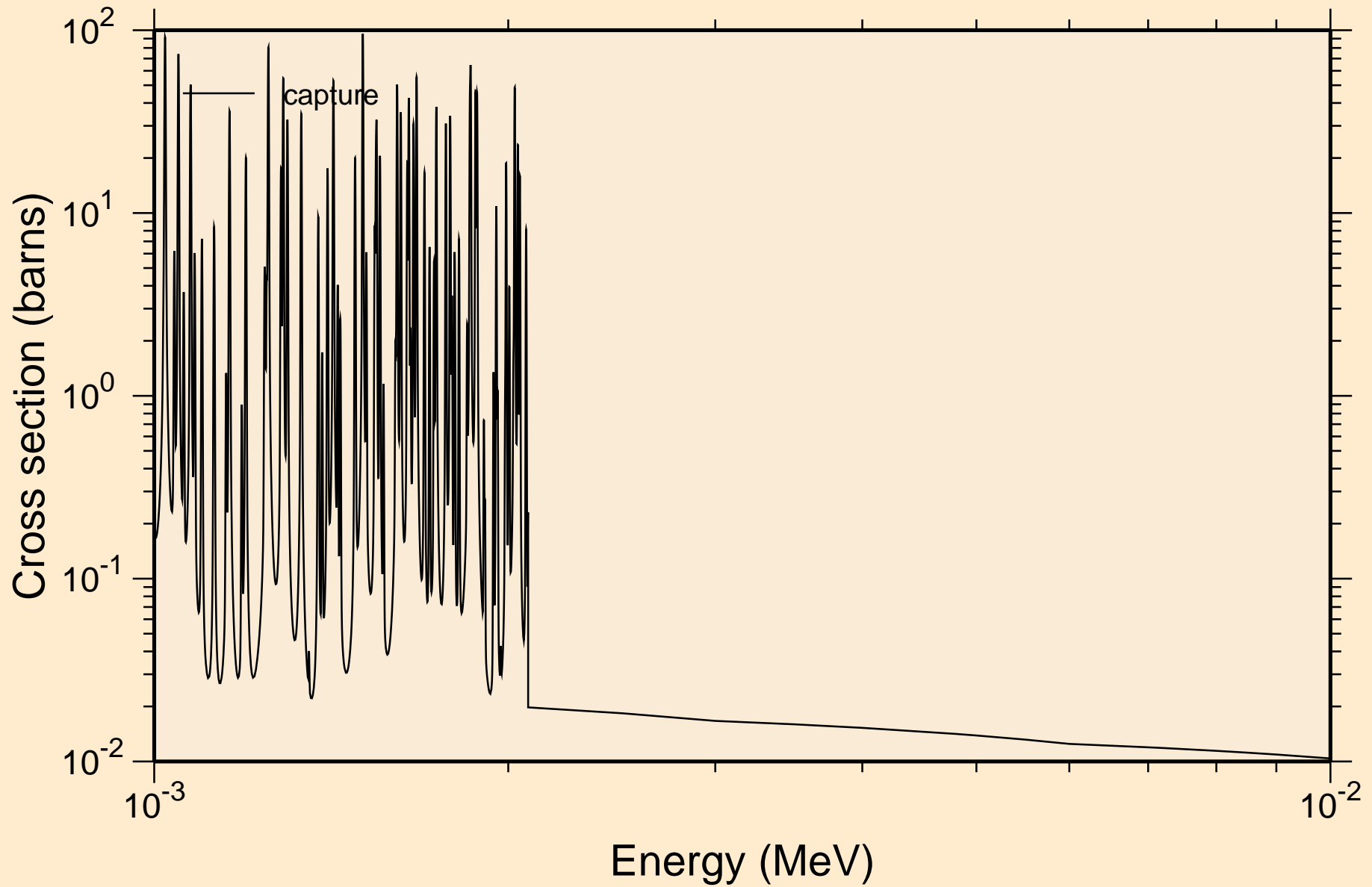
Y081 NRG TENDL-2015, AKONING  
resonance absorption cross sections



Y081 NRG TENDL-2015, AKONING  
resonance absorption cross sections

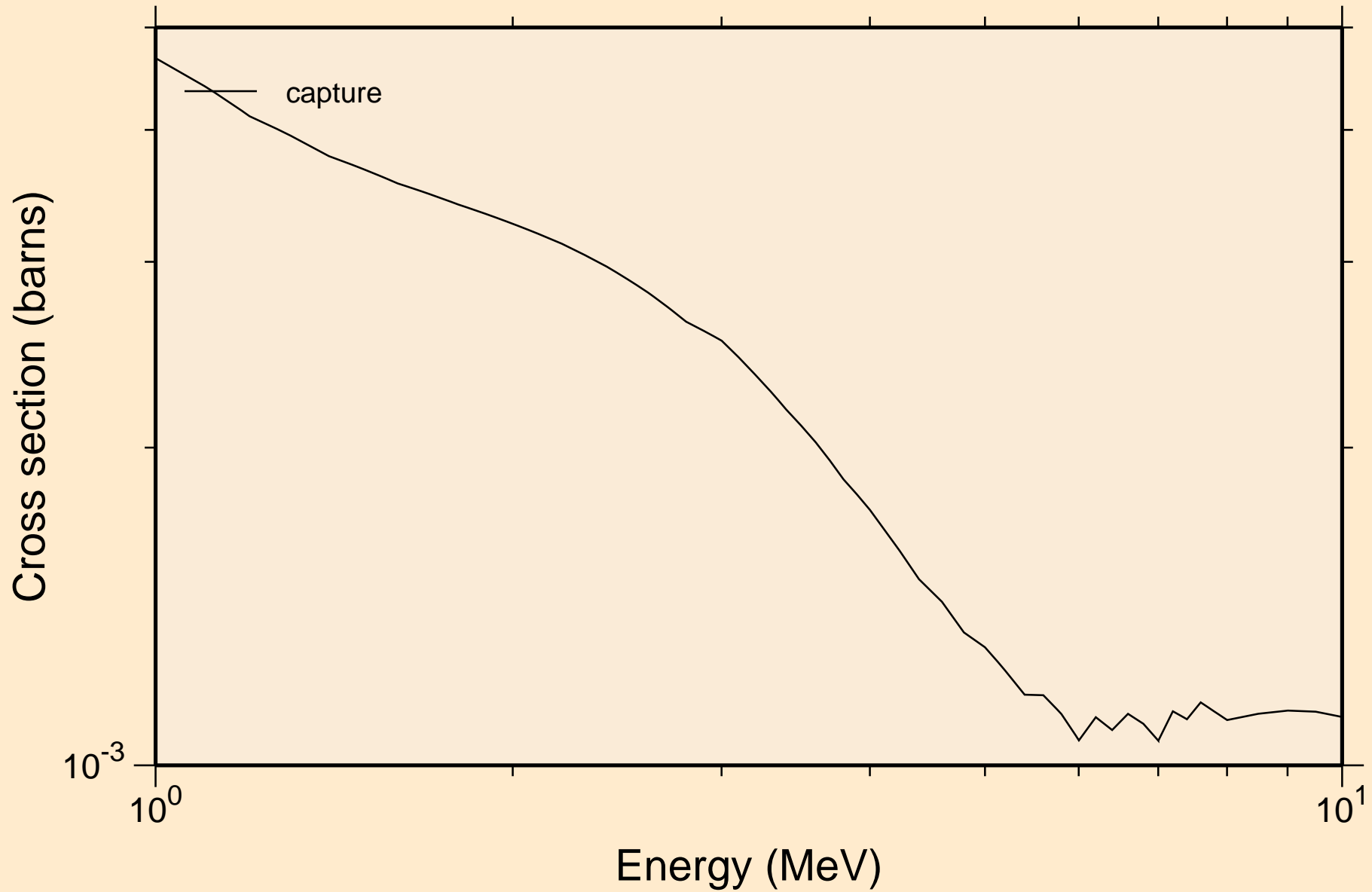


Y081 NRG TENDL-2015, AKONING  
resonance absorption cross sections



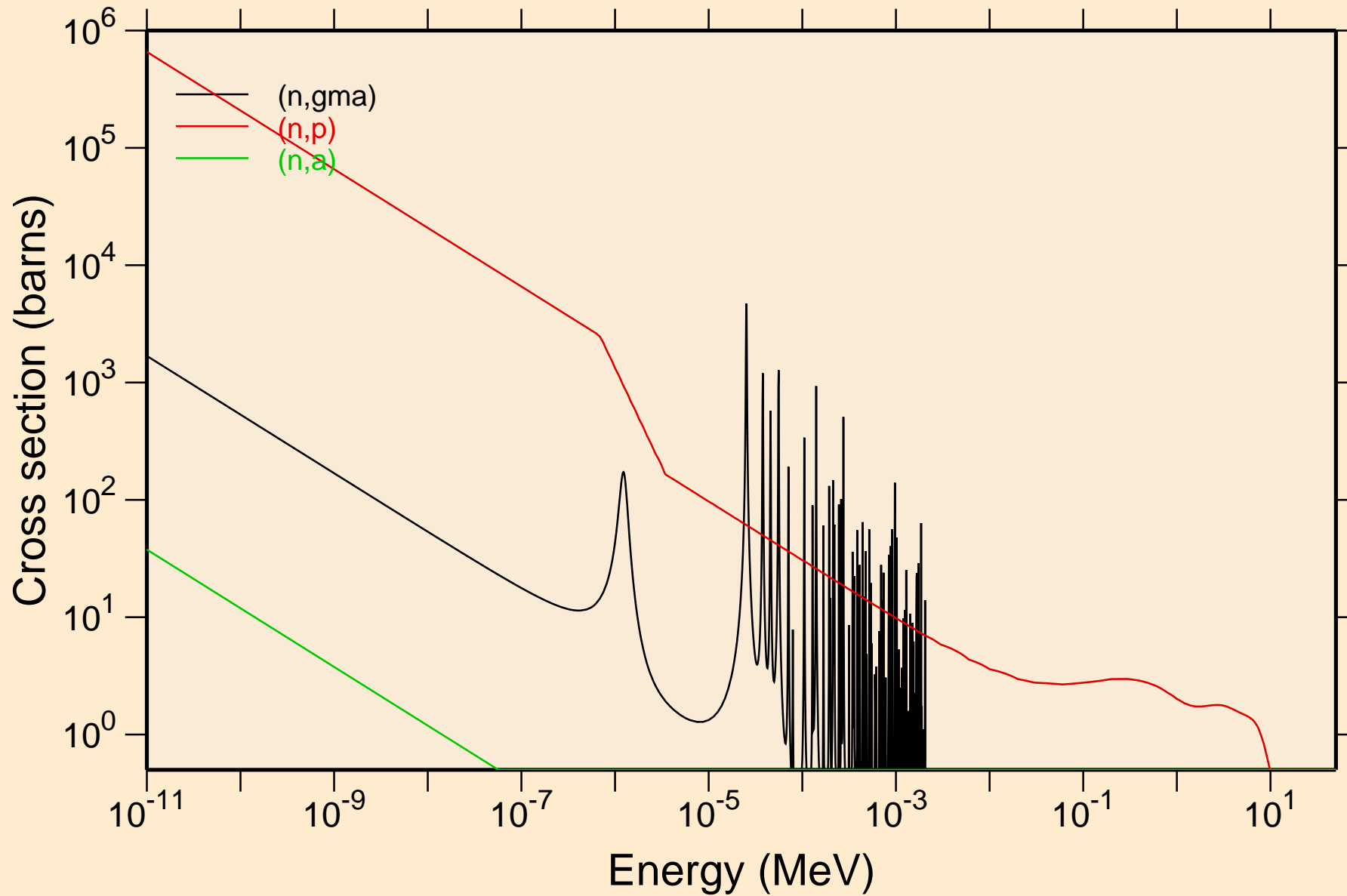


Y081 NRG TENDL-2015, AKONING  
resonance absorption cross sections



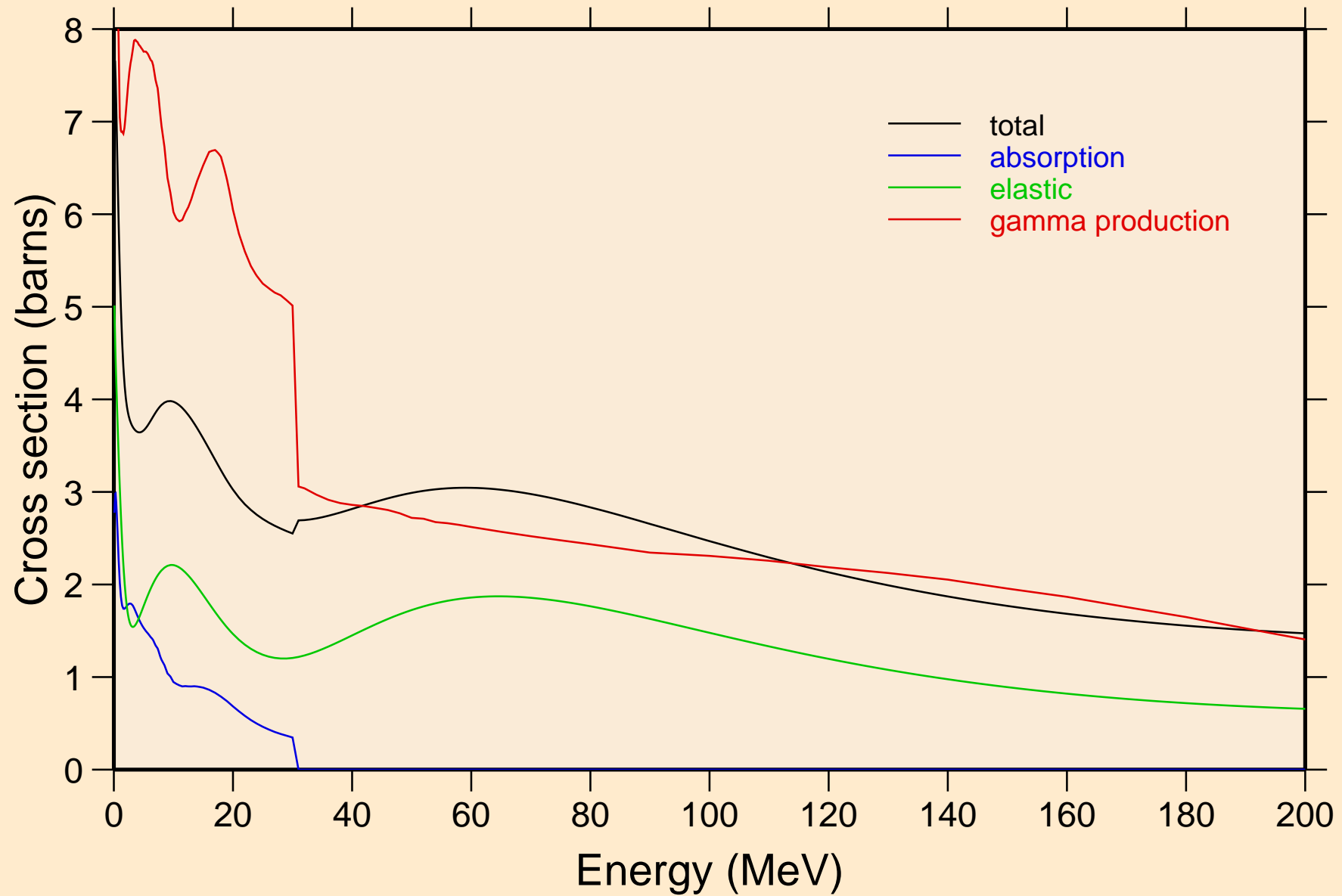
# Y081 NRG TENDL-2015, AKONING

## Non-threshold reactions



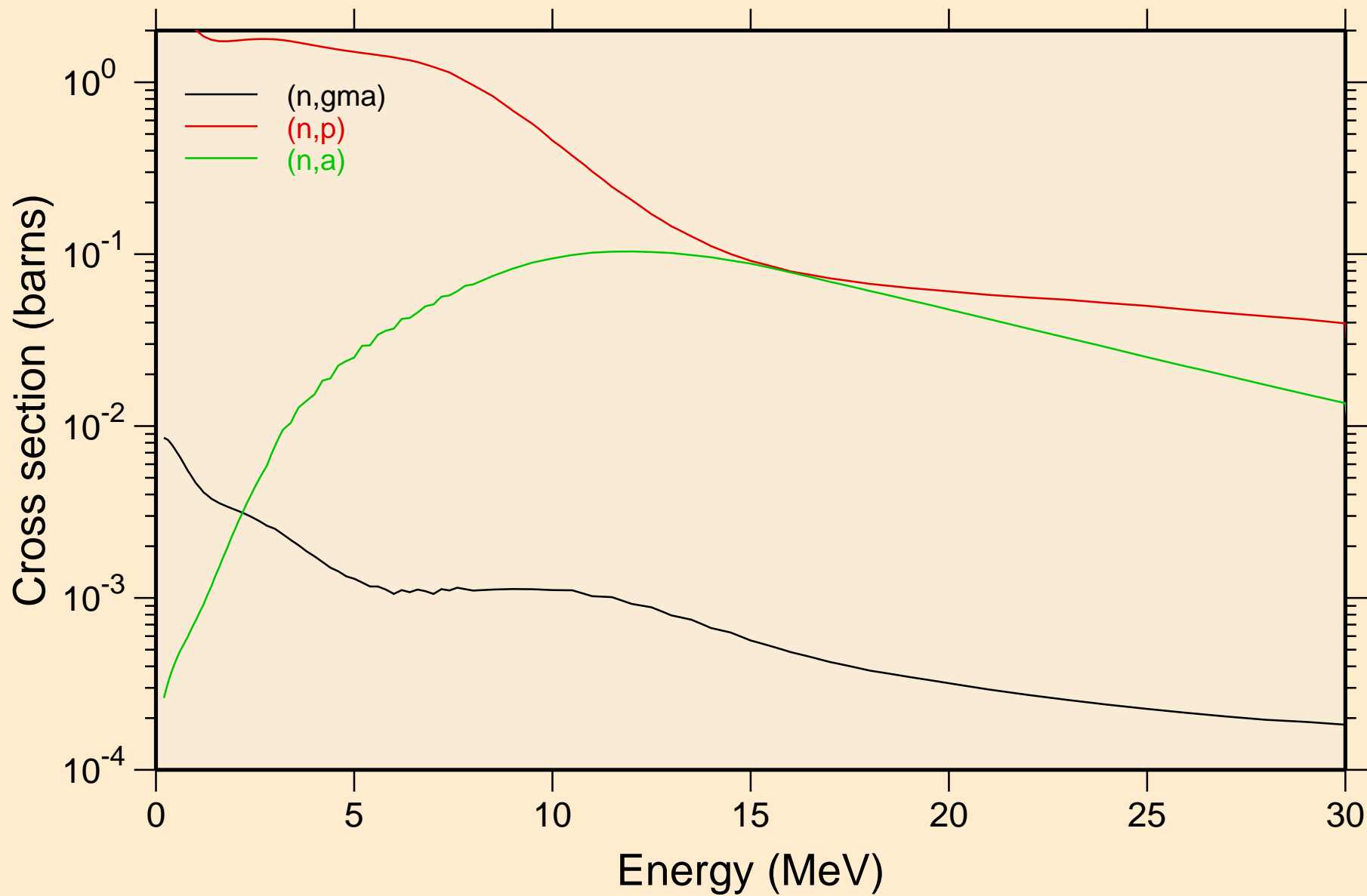
# Y081 NRG TENDL-2015, AKONING

## Principal cross sections



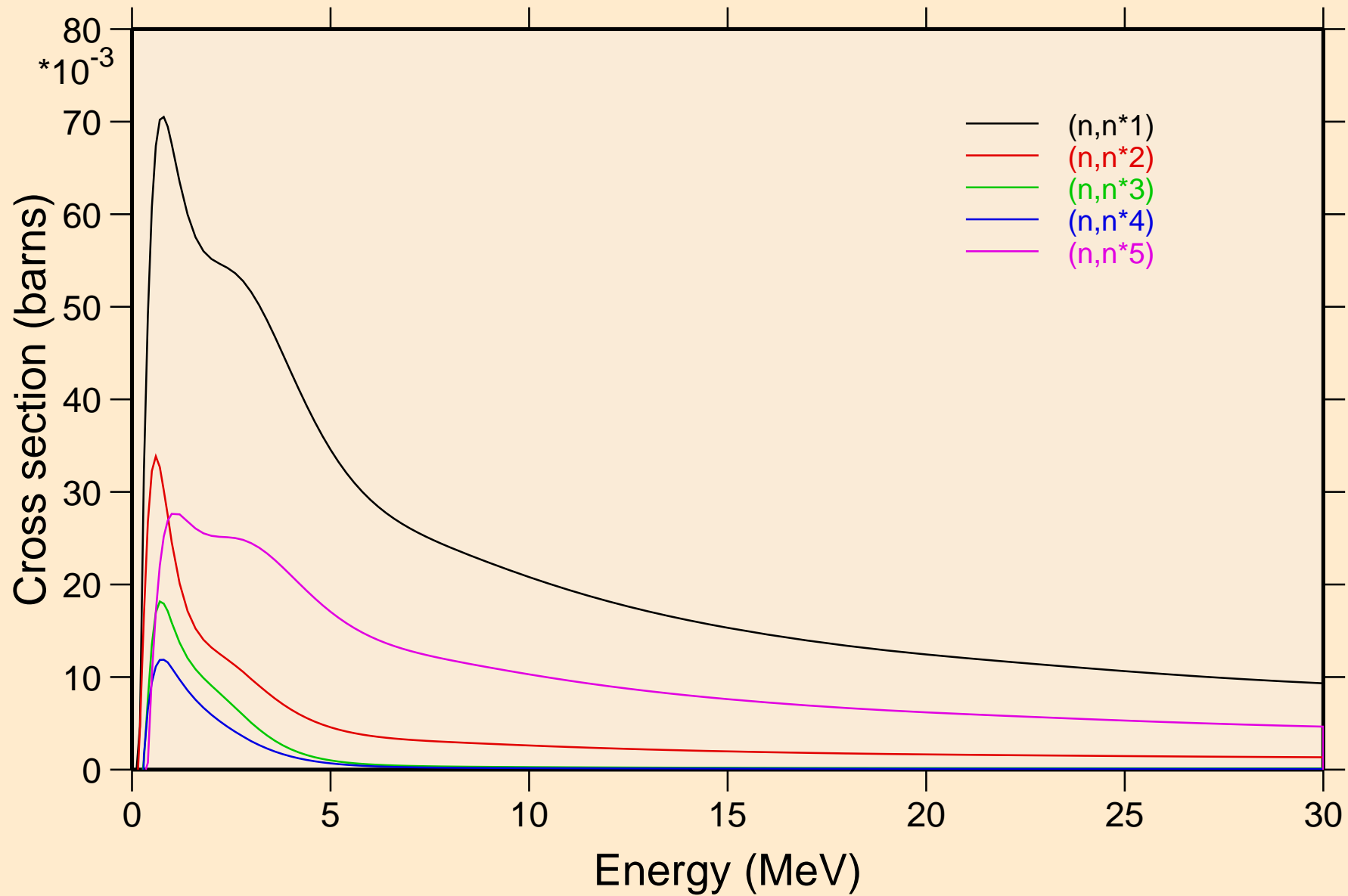
# Y081 NRG TENDL-2015, AKONING

## Non-threshold reactions



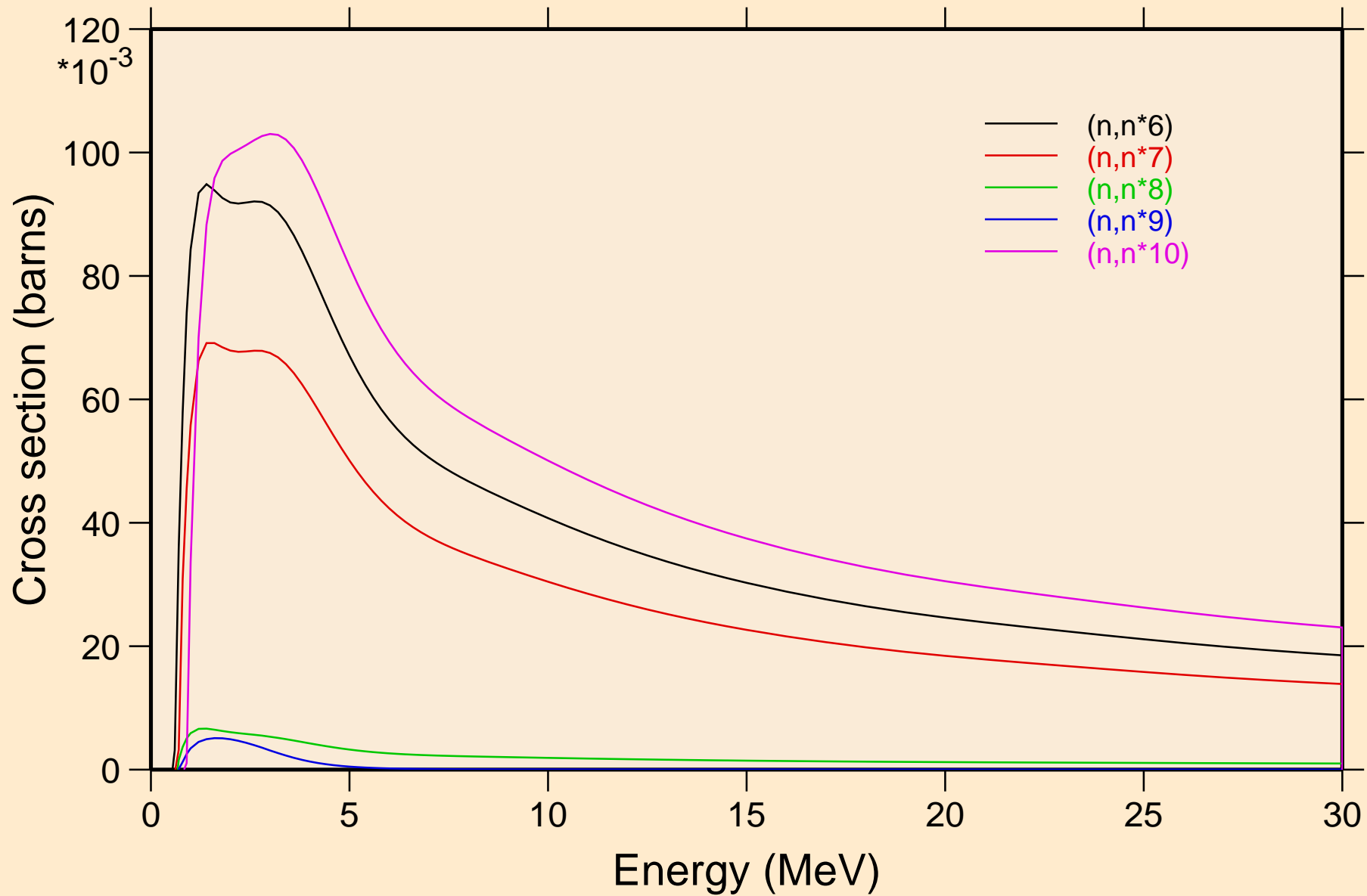
# Y081 NRG TENDL-2015, AKONING

## Inelastic levels



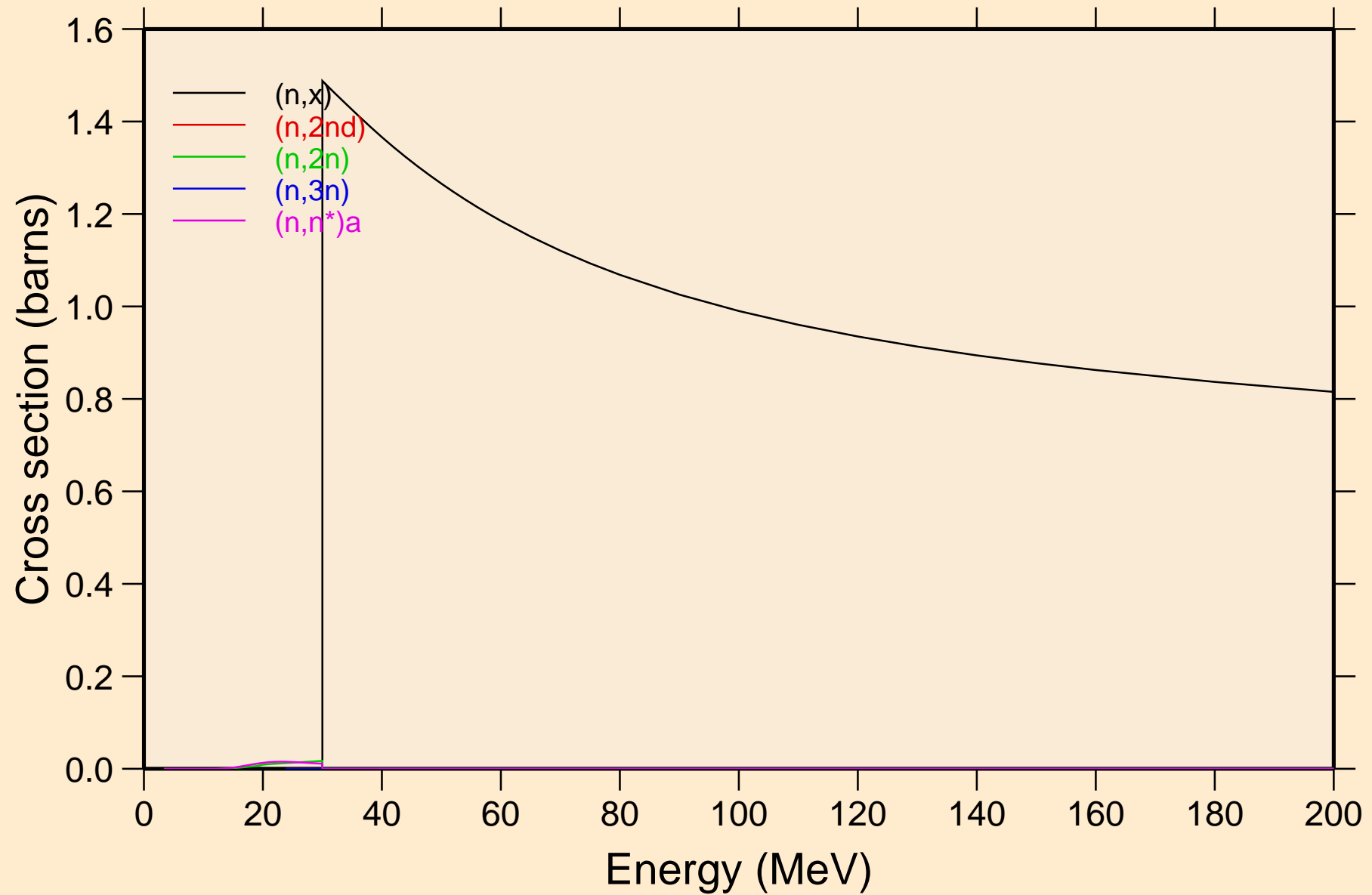
# Y081 NRG TENDL-2015, AKONING

## Inelastic levels



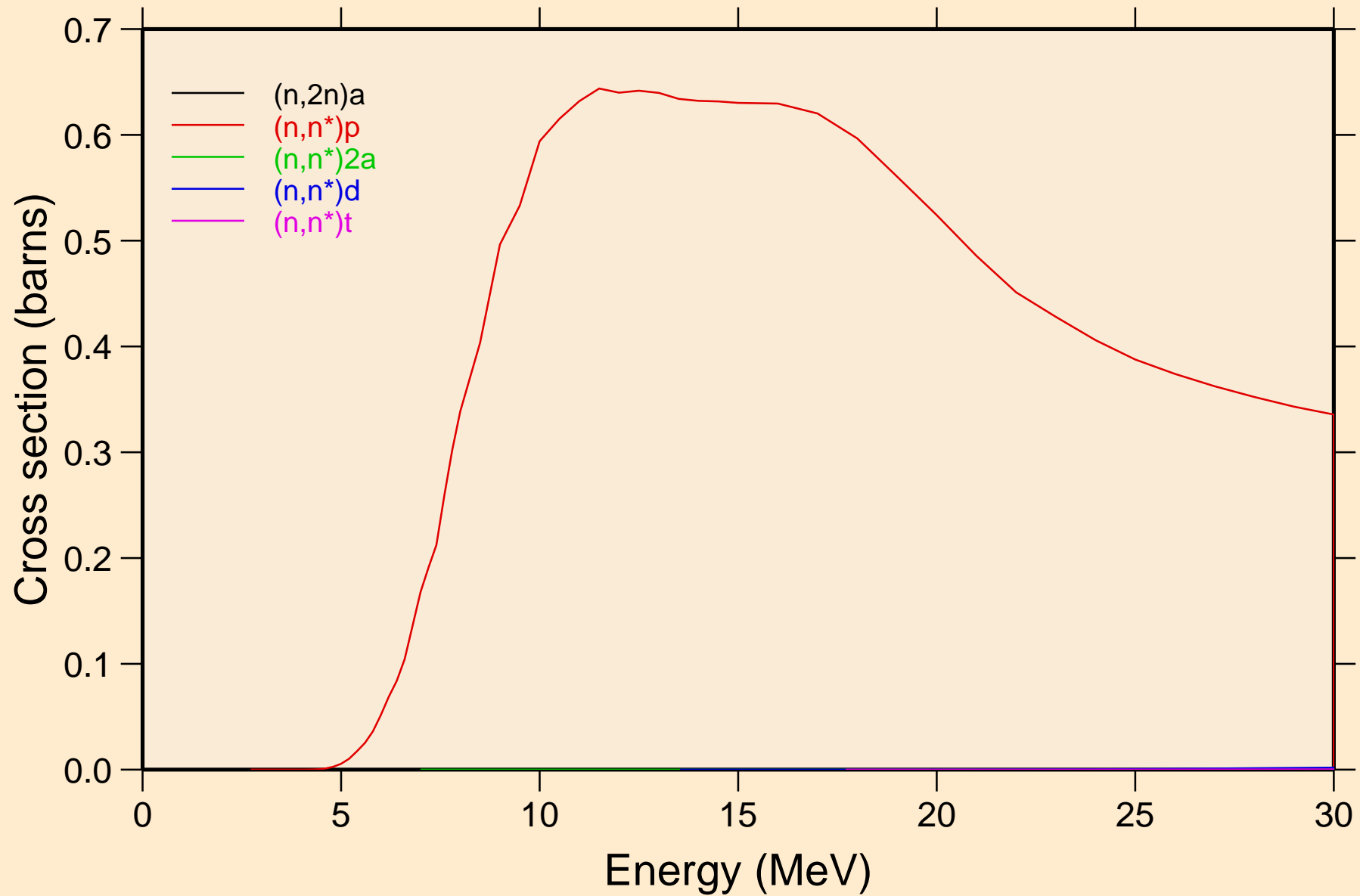
# Y081 NRG TENDL-2015, AKONING

## Threshold reactions



# Y081 NRG TENDL-2015, AKONING

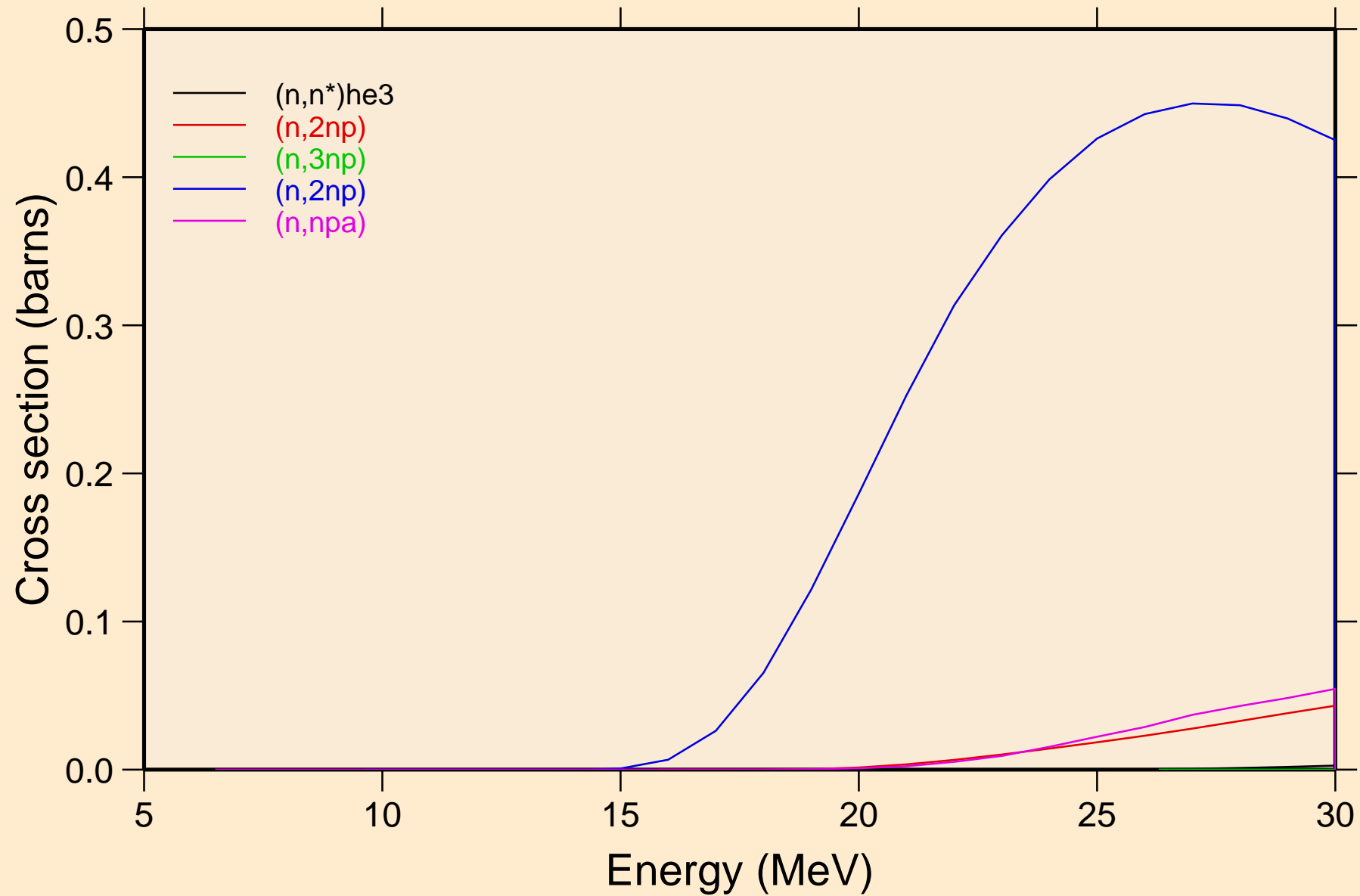
## Threshold reactions





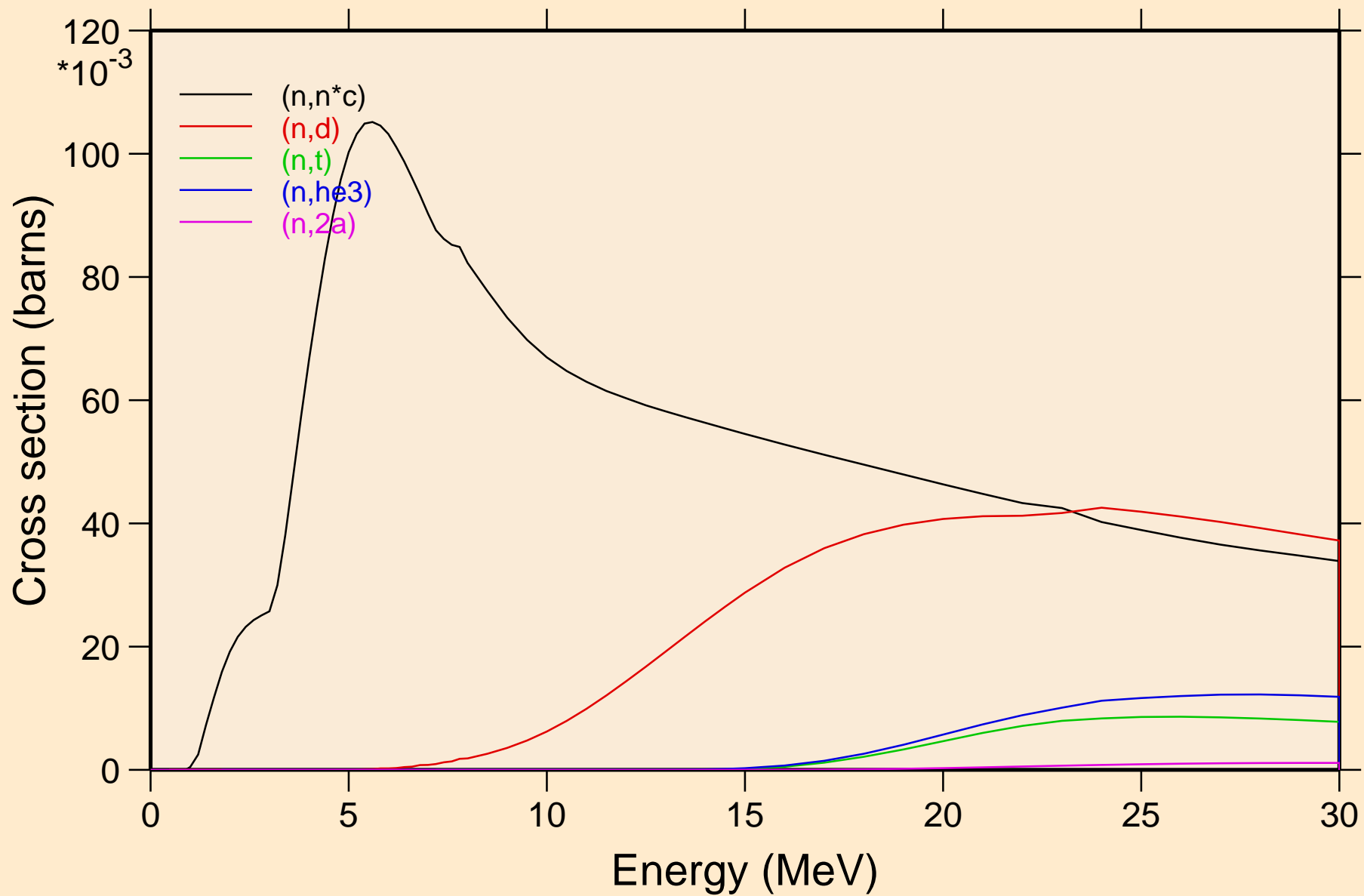
# Y081 NRG TENDL-2015, AKONING

## Threshold reactions



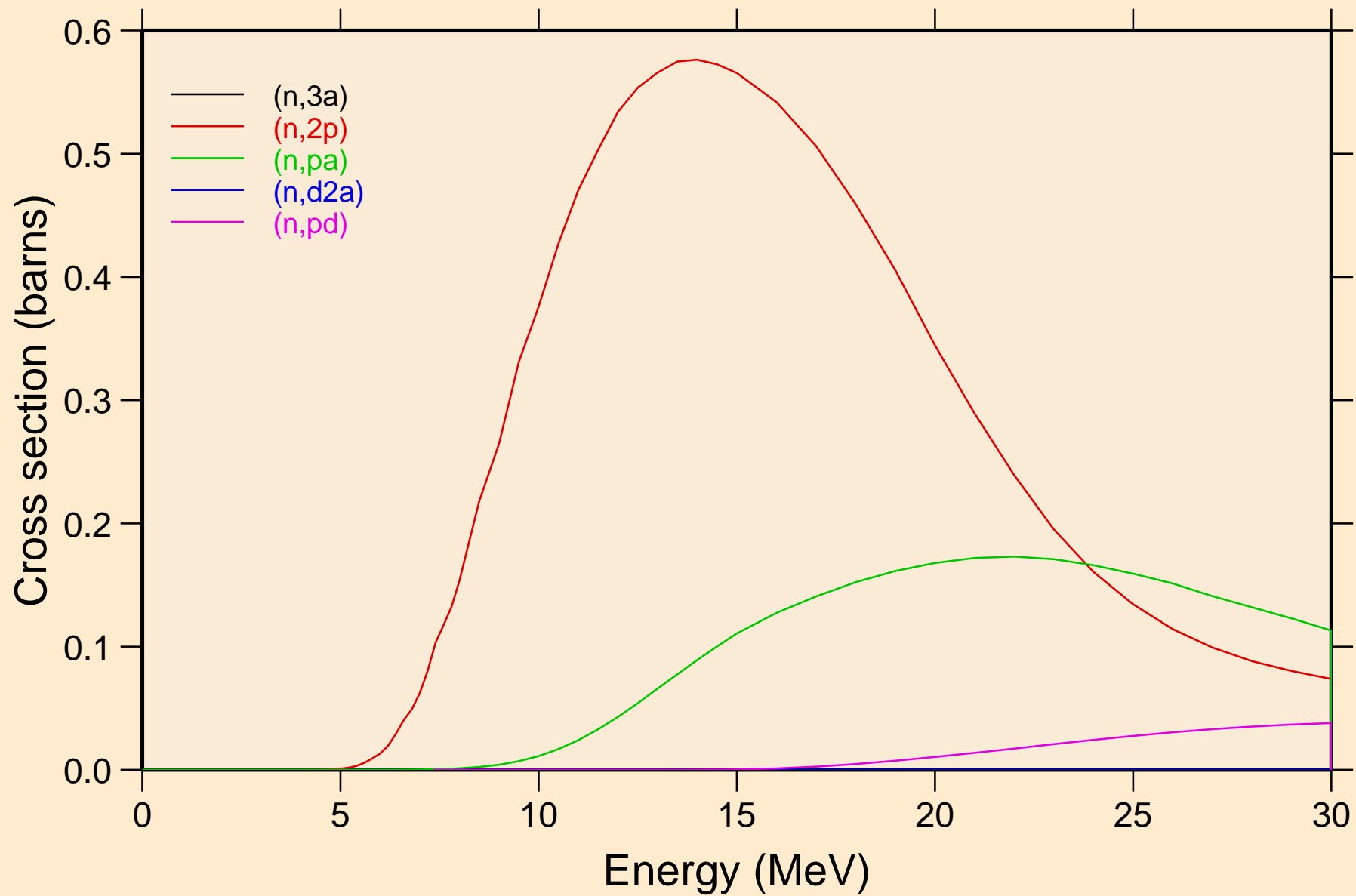
# Y081 NRG TENDL-2015, AKONING

## Threshold reactions



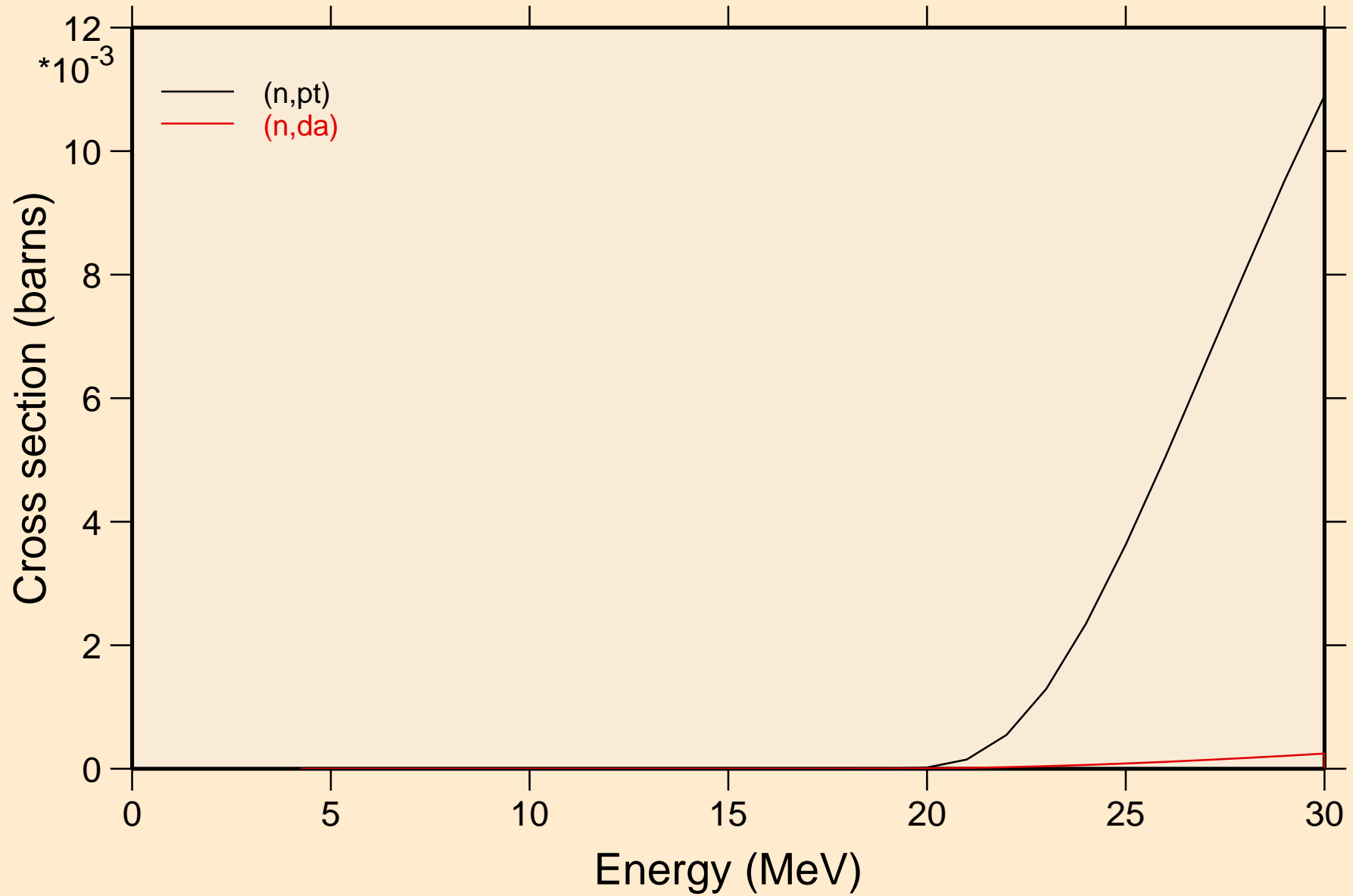
# Y081 NRG TENDL-2015, AKONING

## Threshold reactions

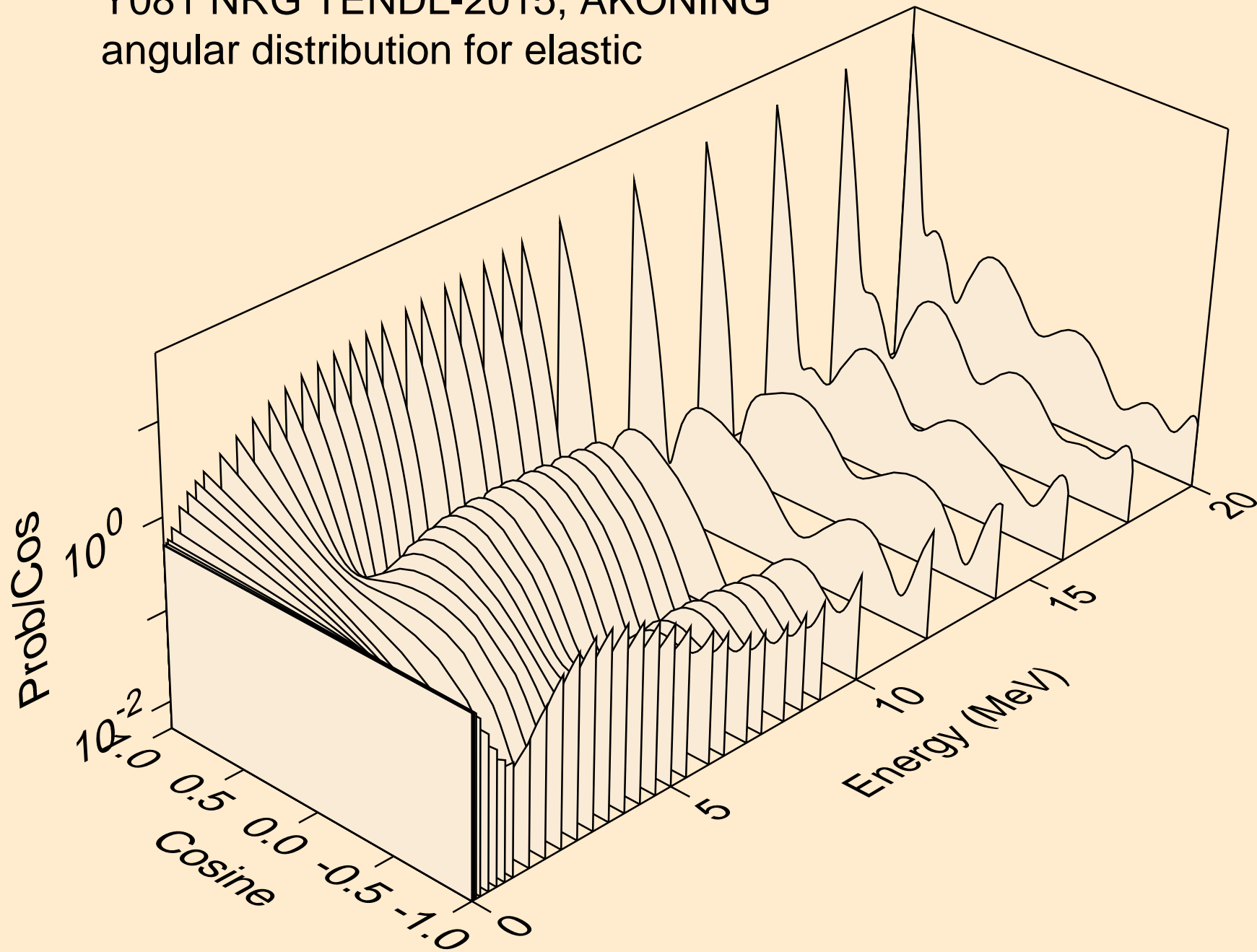


# Y081 NRG TENDL-2015, AKONING

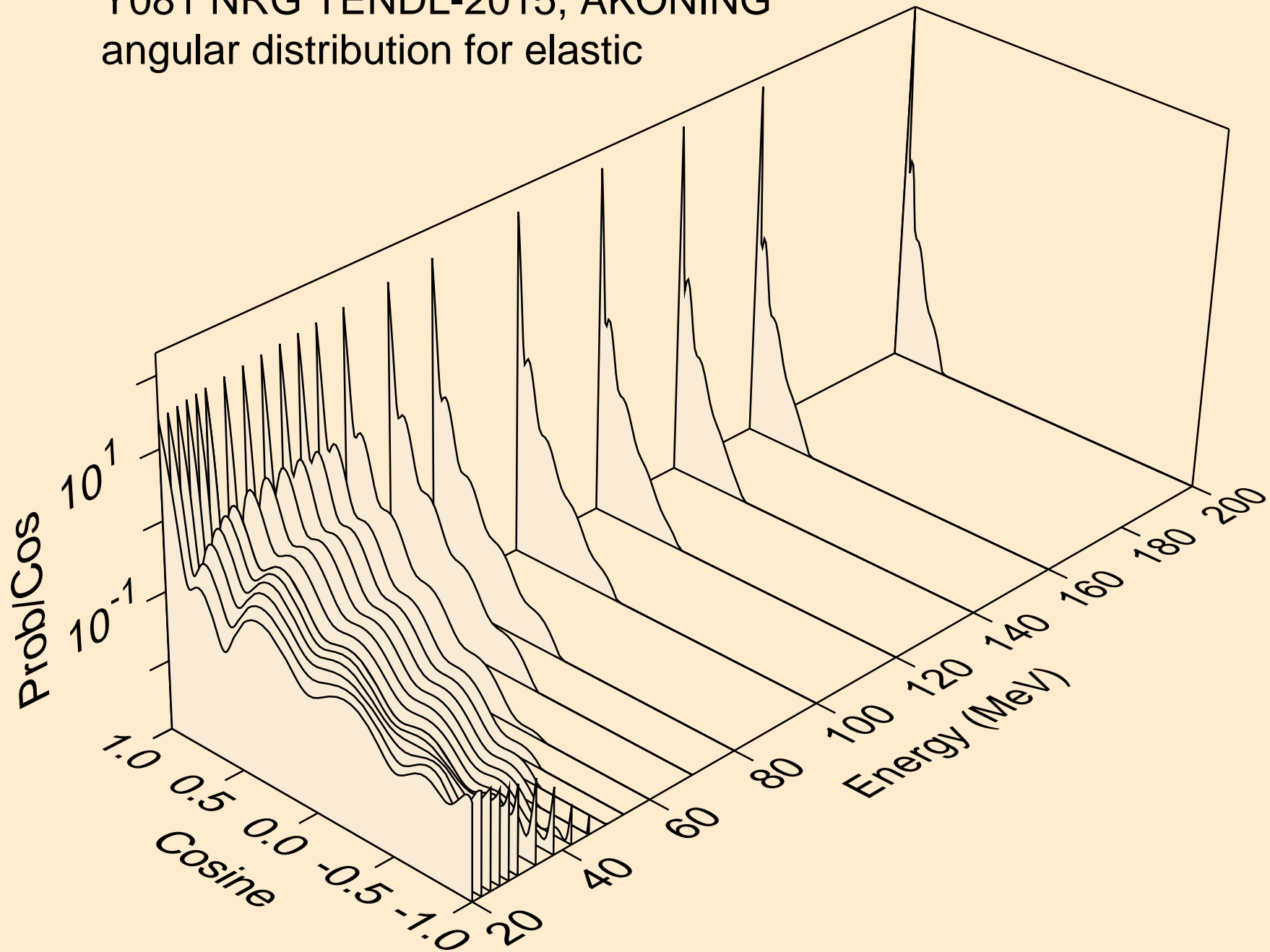
## Threshold reactions



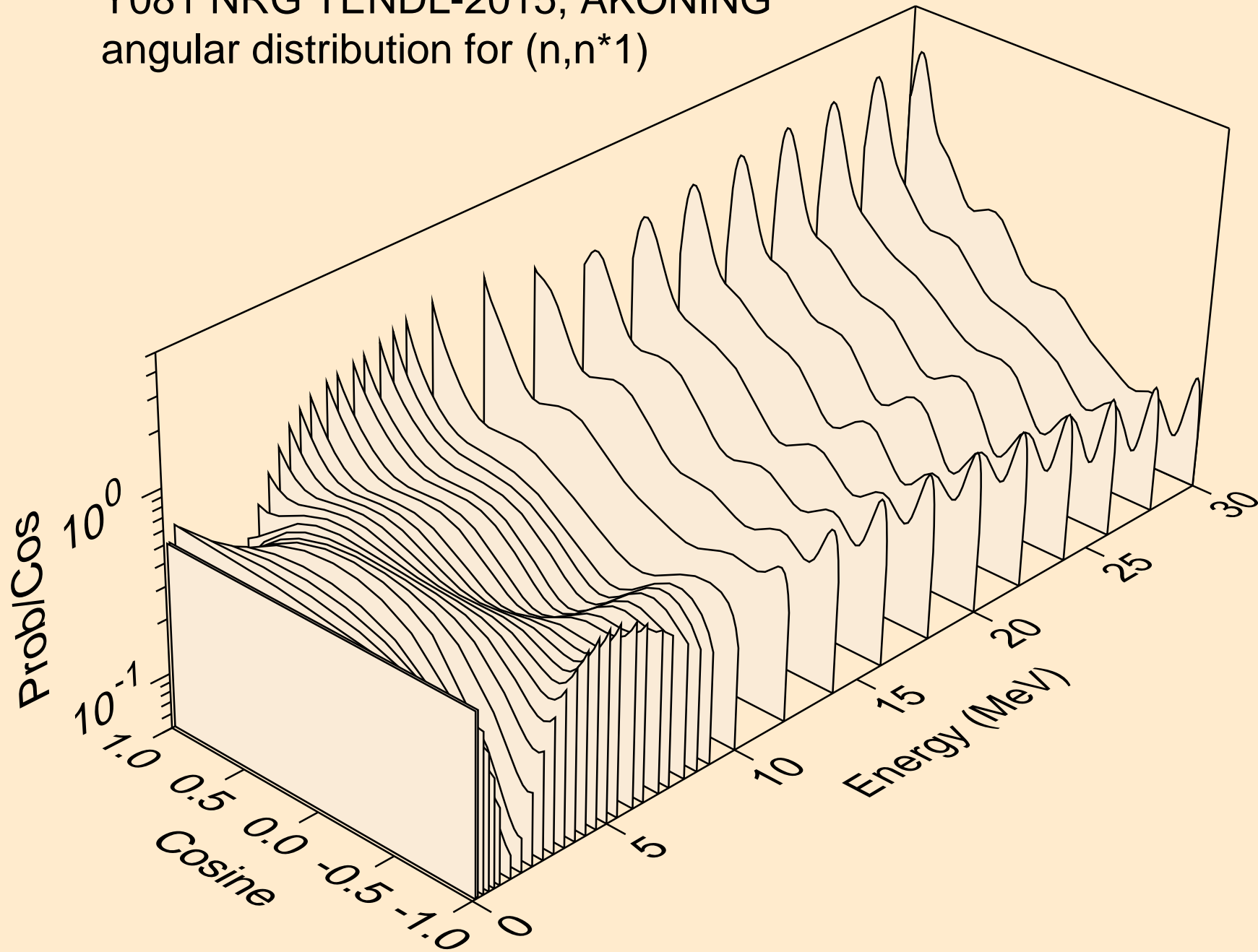
Y081 NRG TENDL-2015, AKONING  
angular distribution for elastic



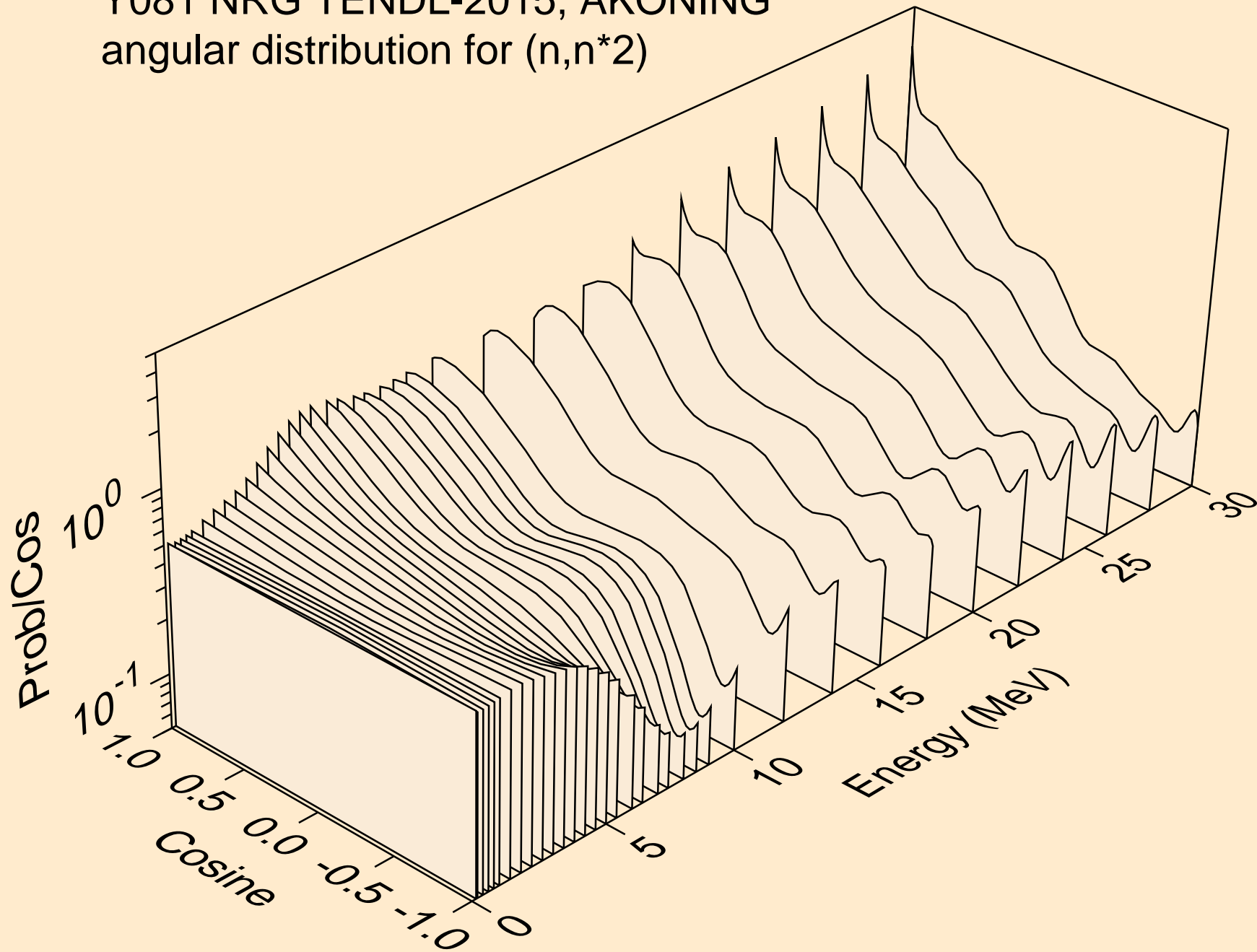
Y081 NRG TENDL-2015, AKONING  
angular distribution for elastic



Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

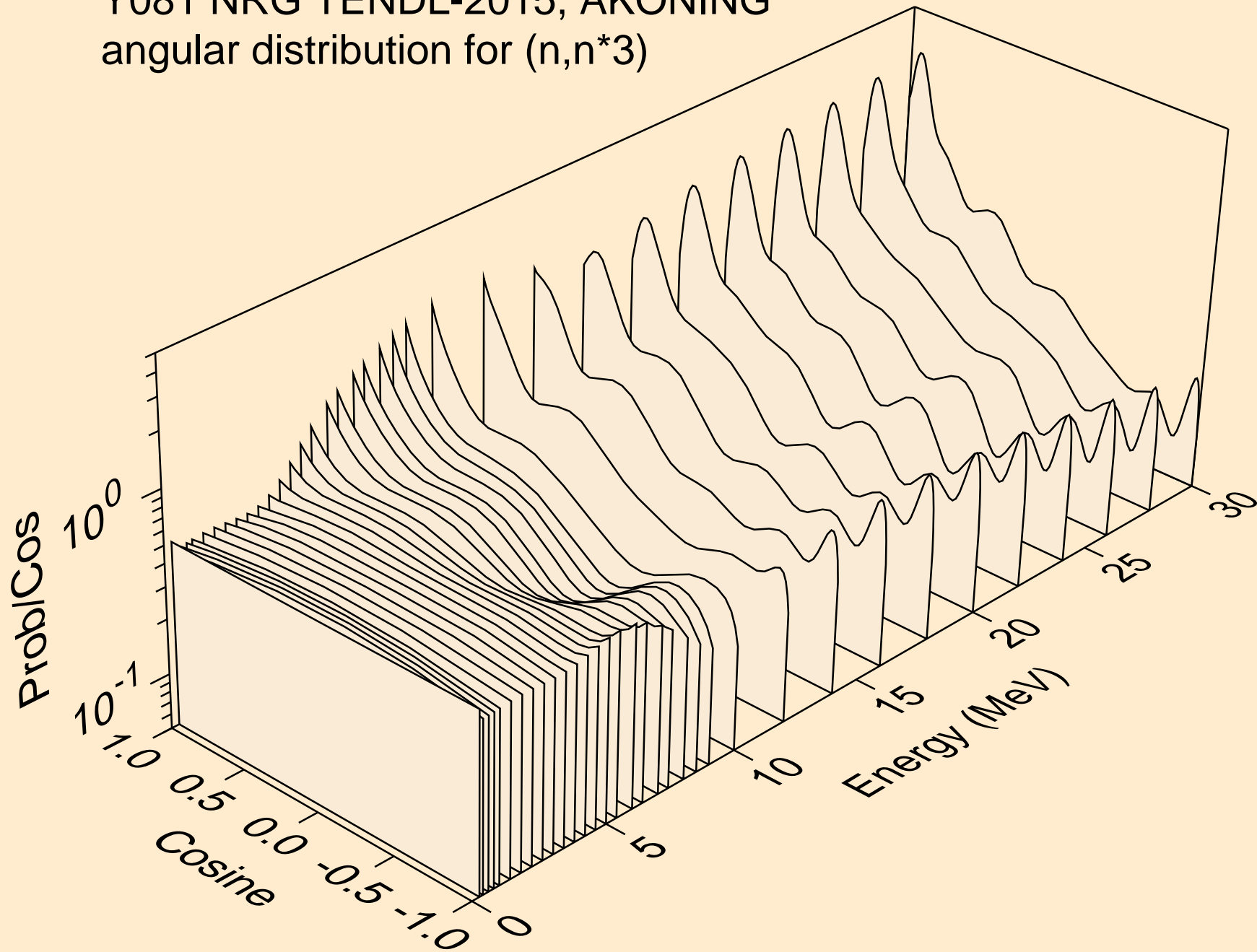


Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

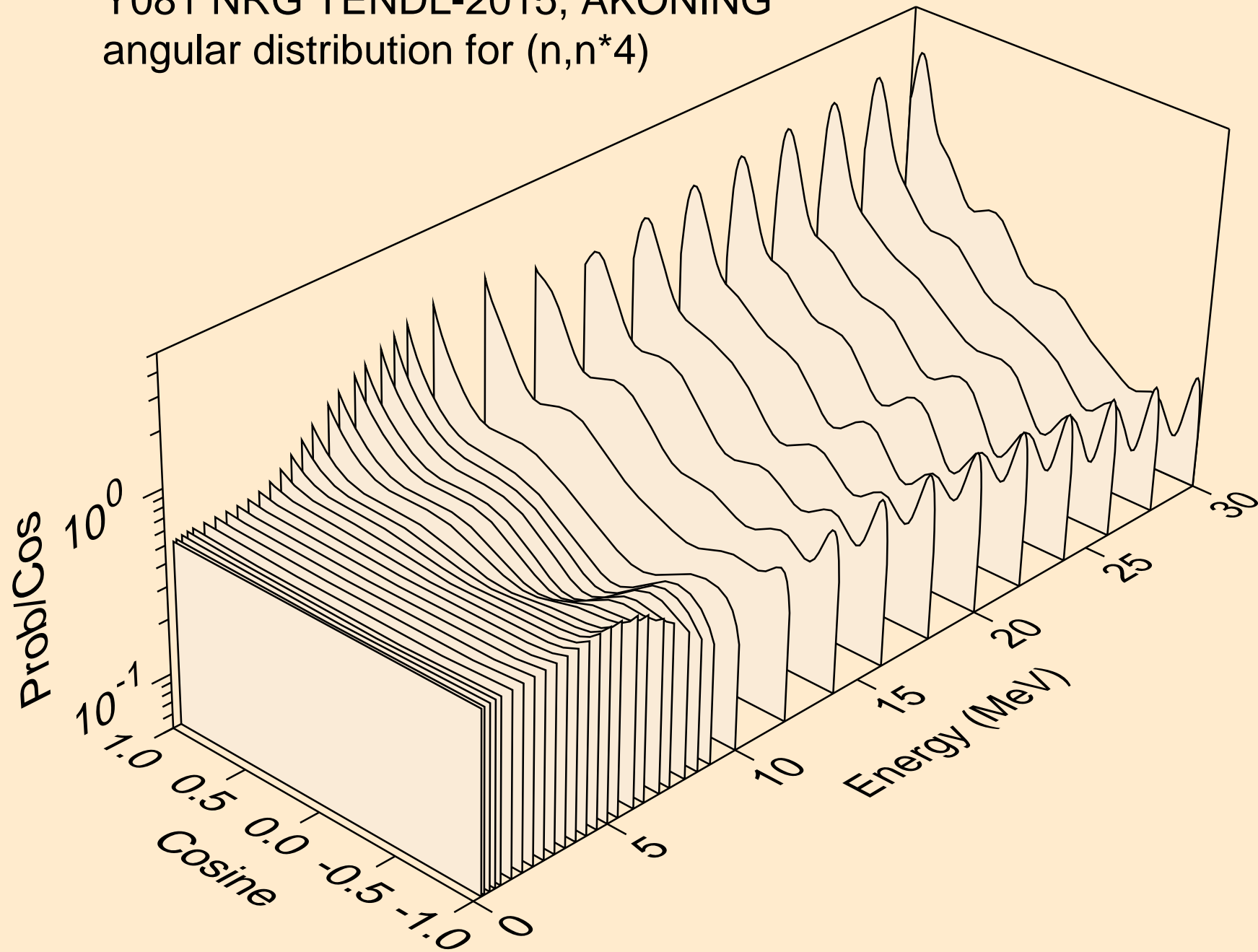




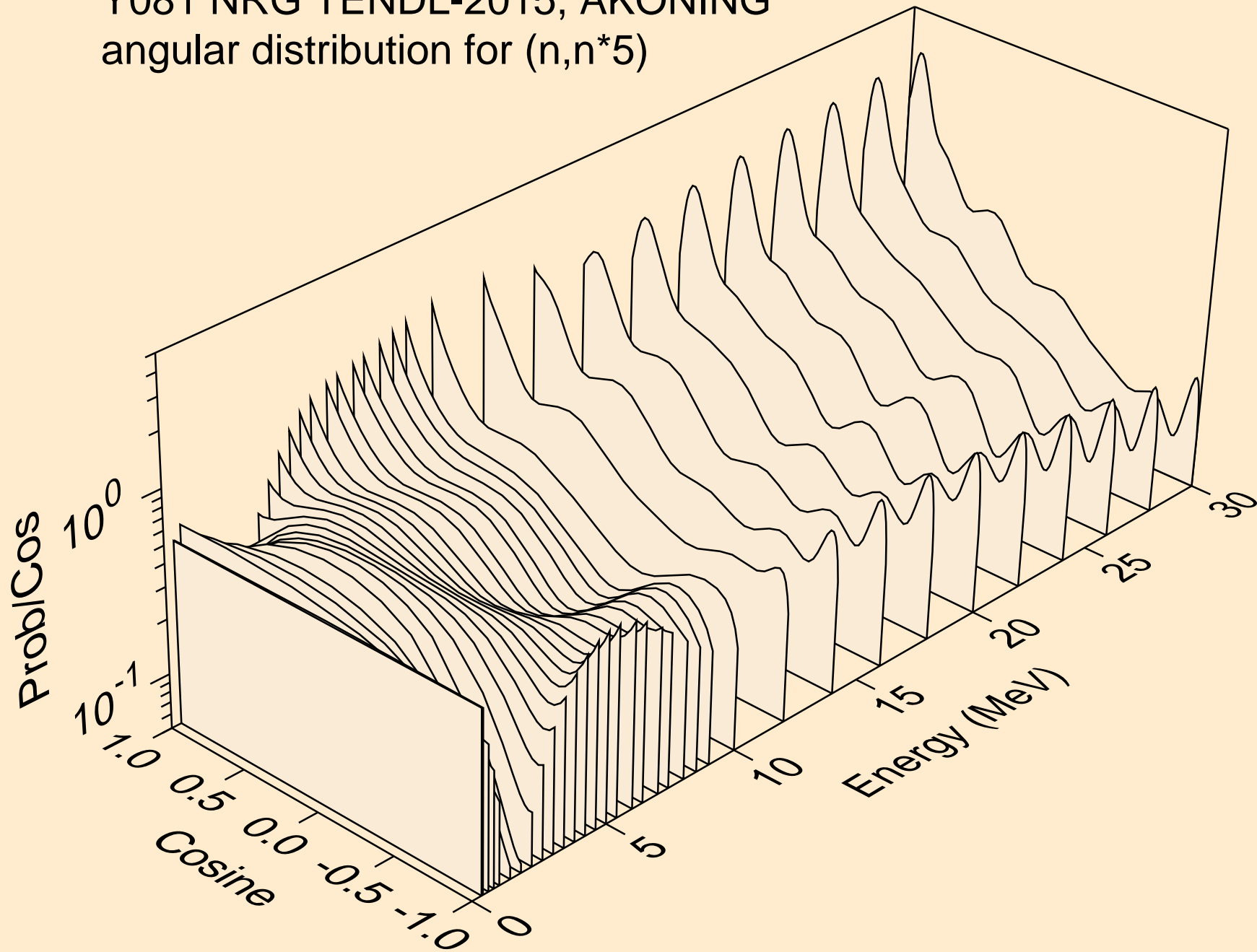
Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



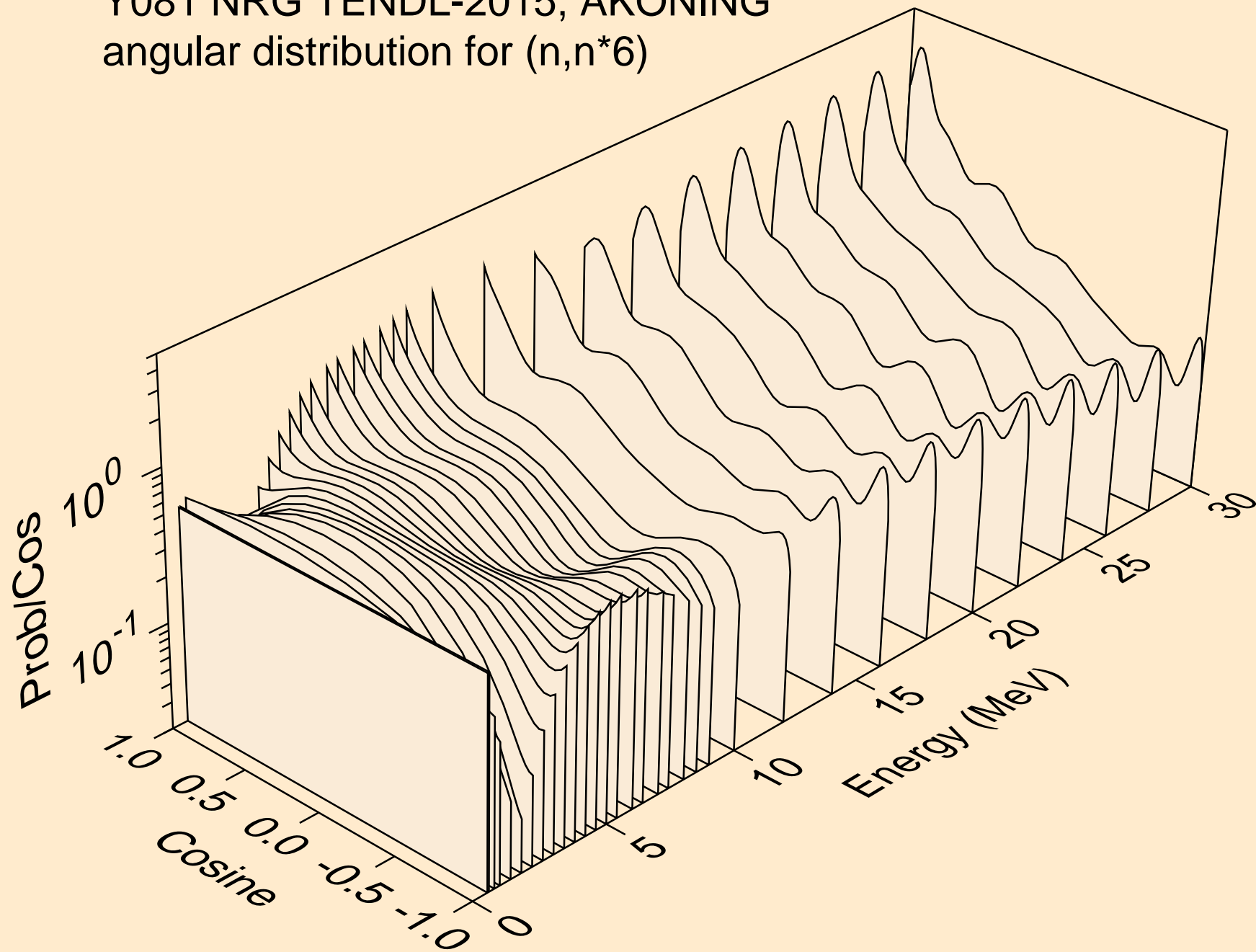
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angular distribution for (n,n\*4)



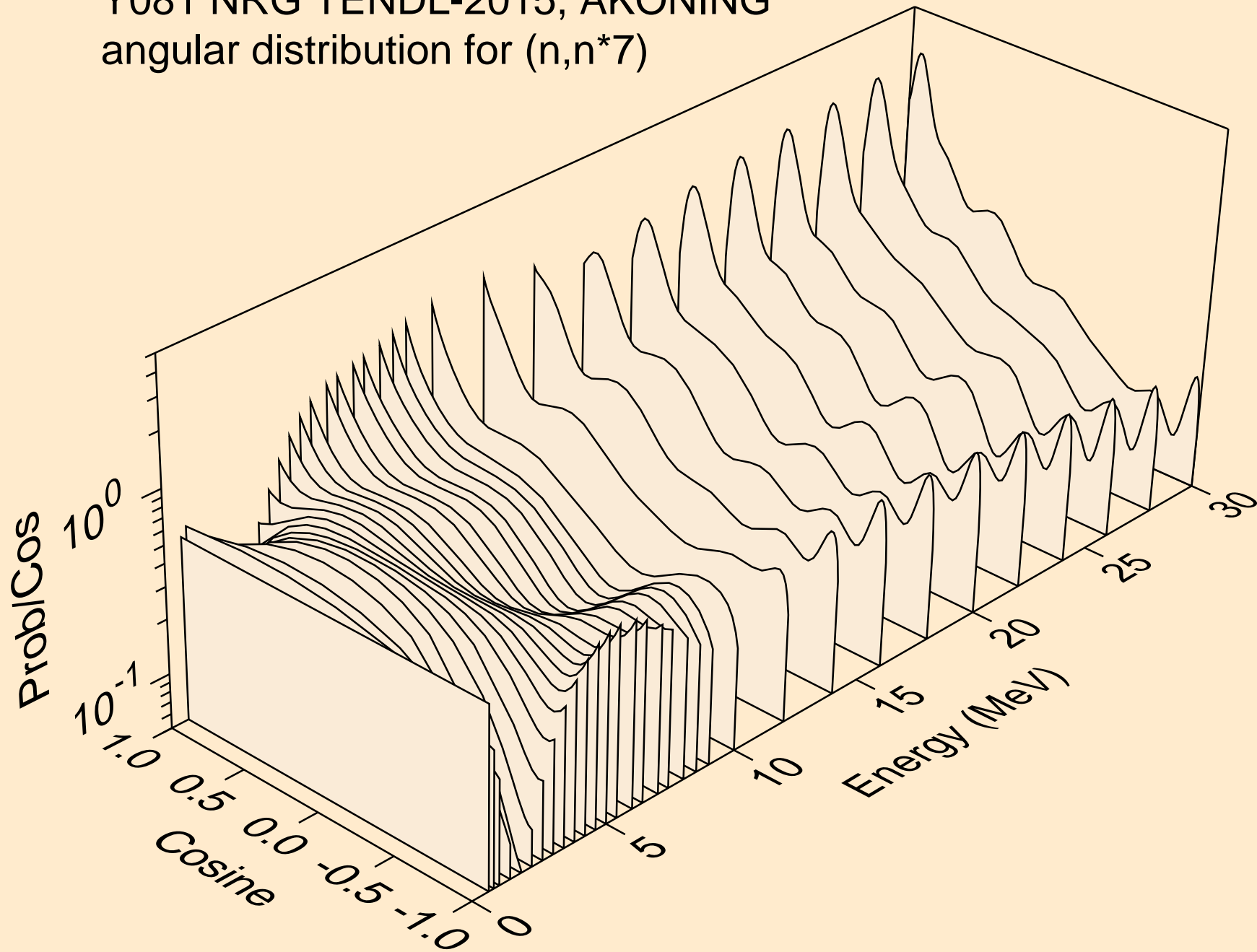
Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



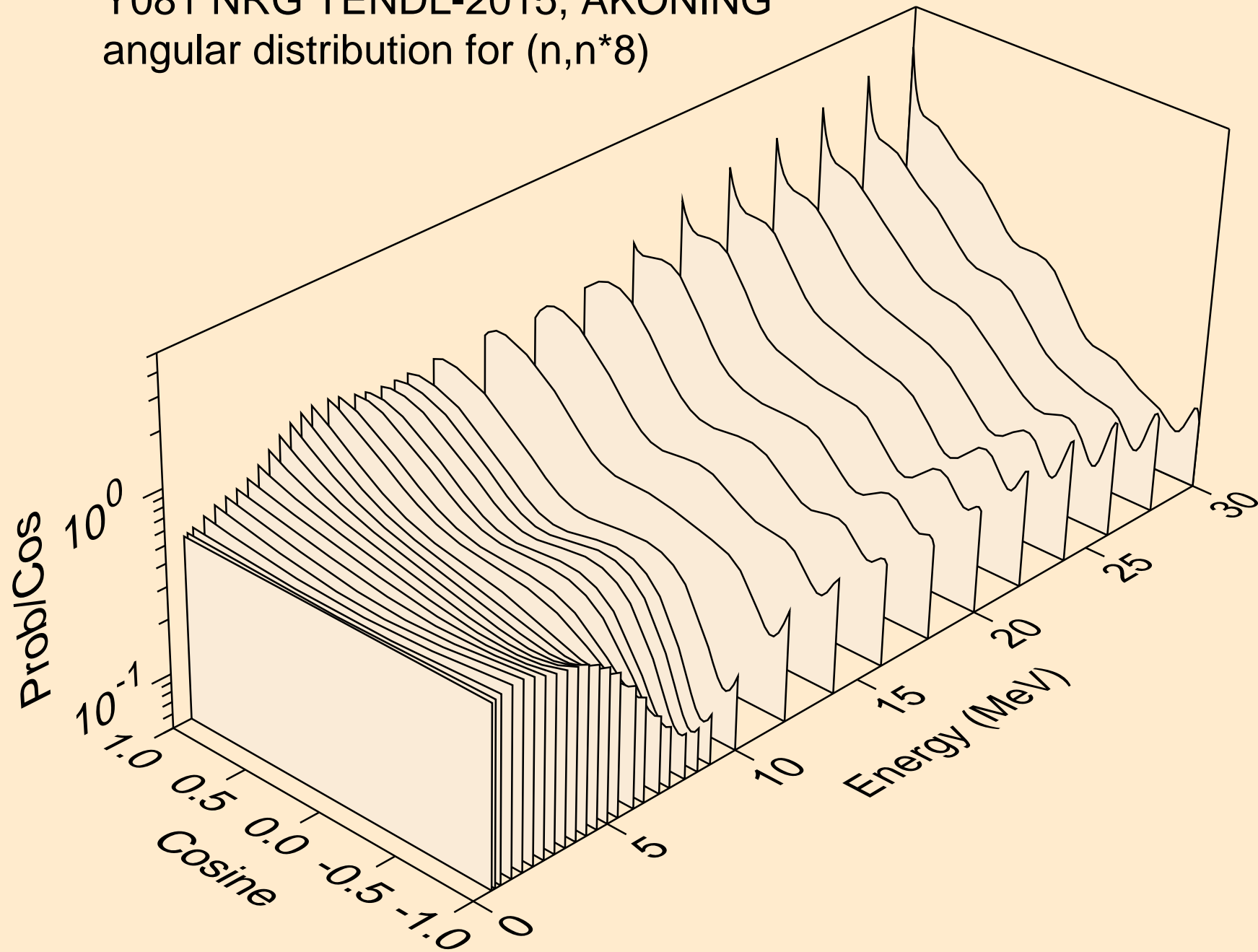
Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



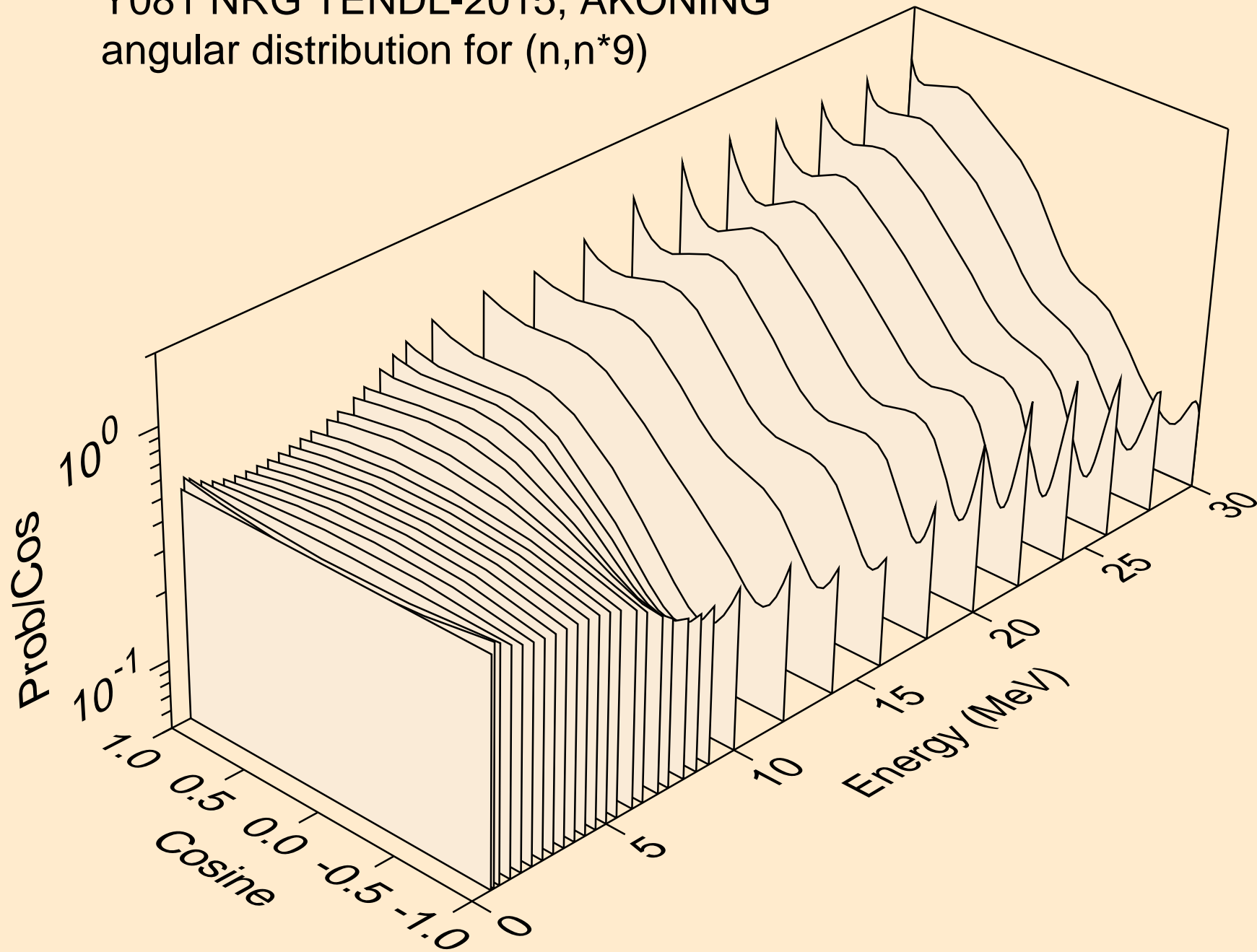
Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



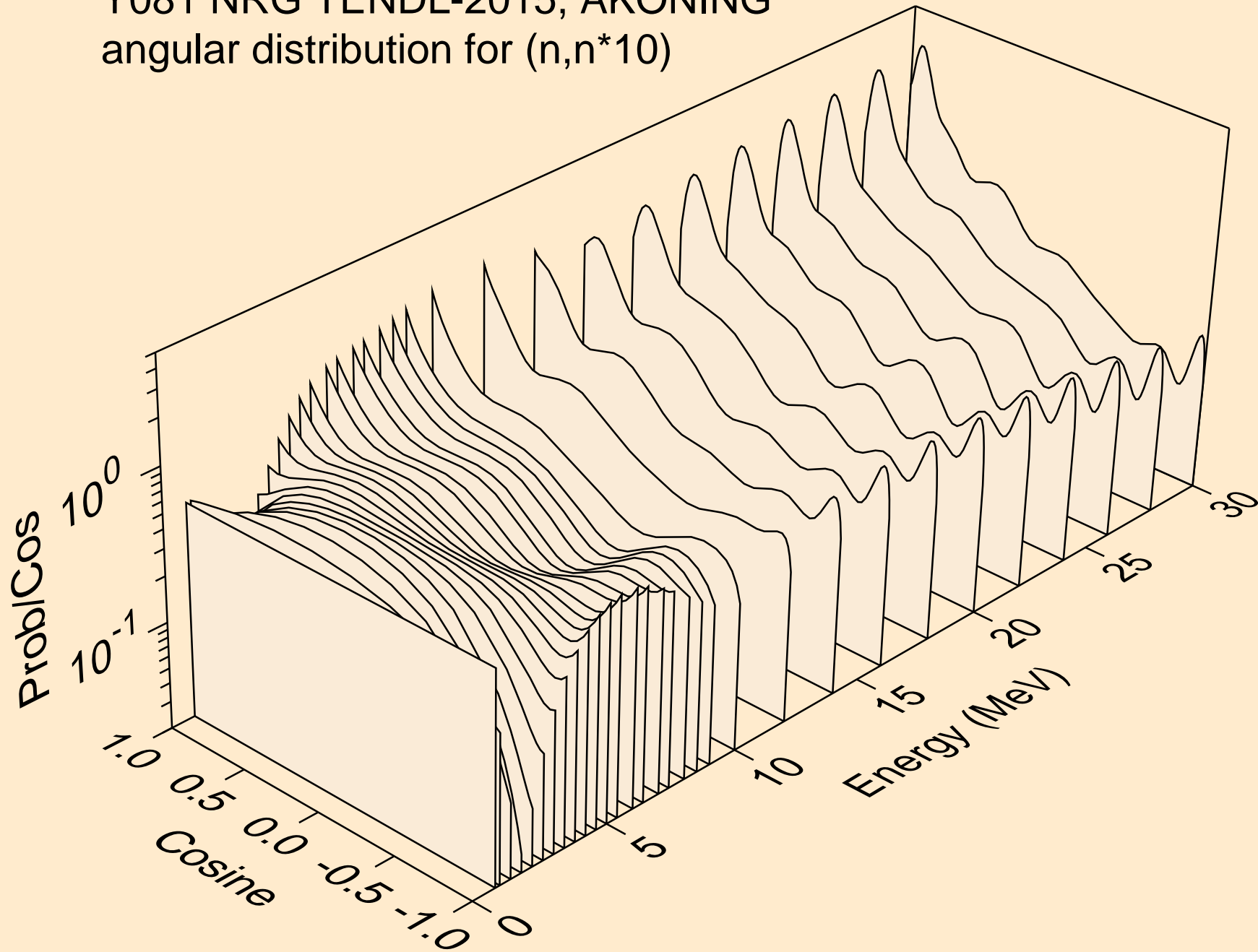
Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

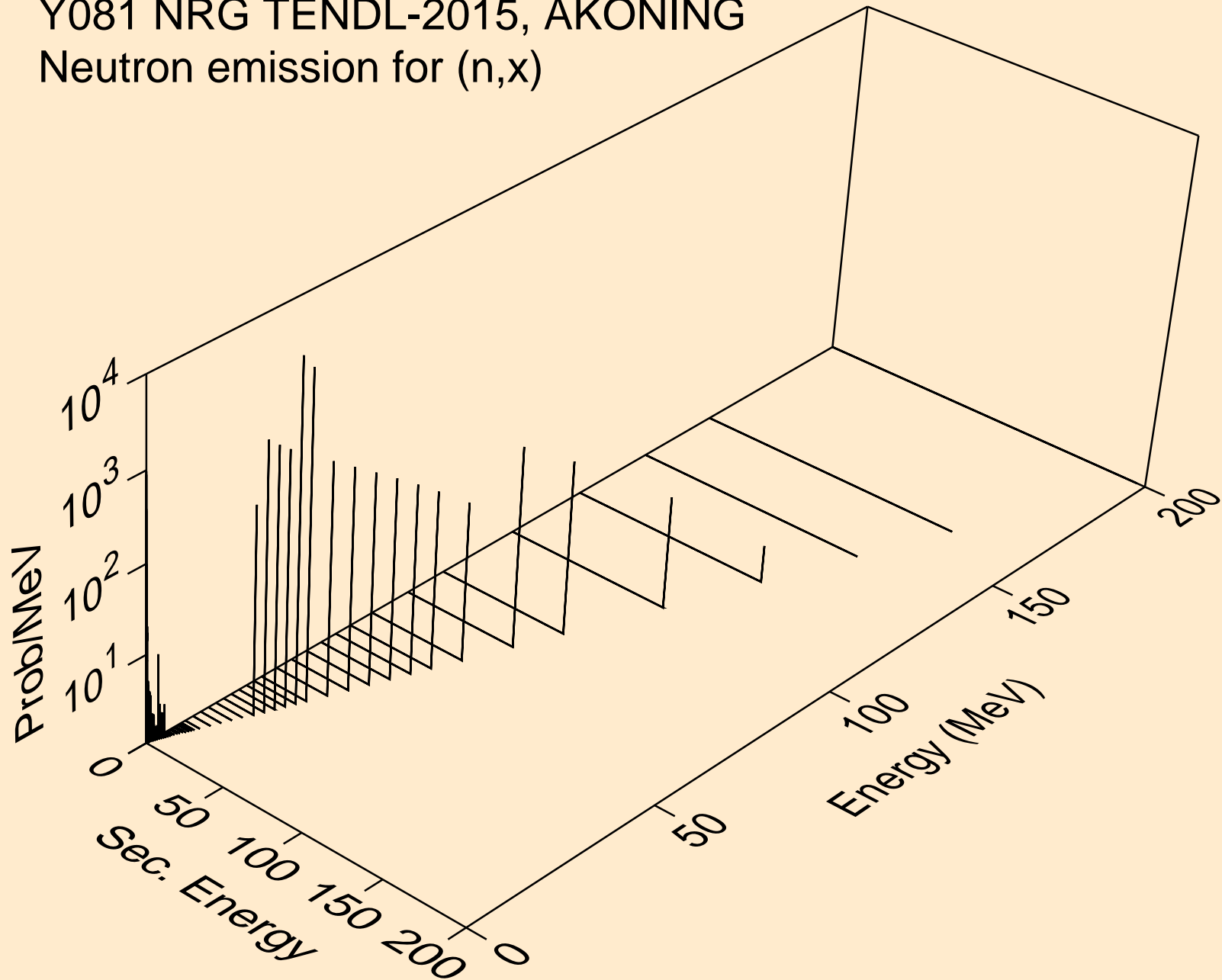


Y081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

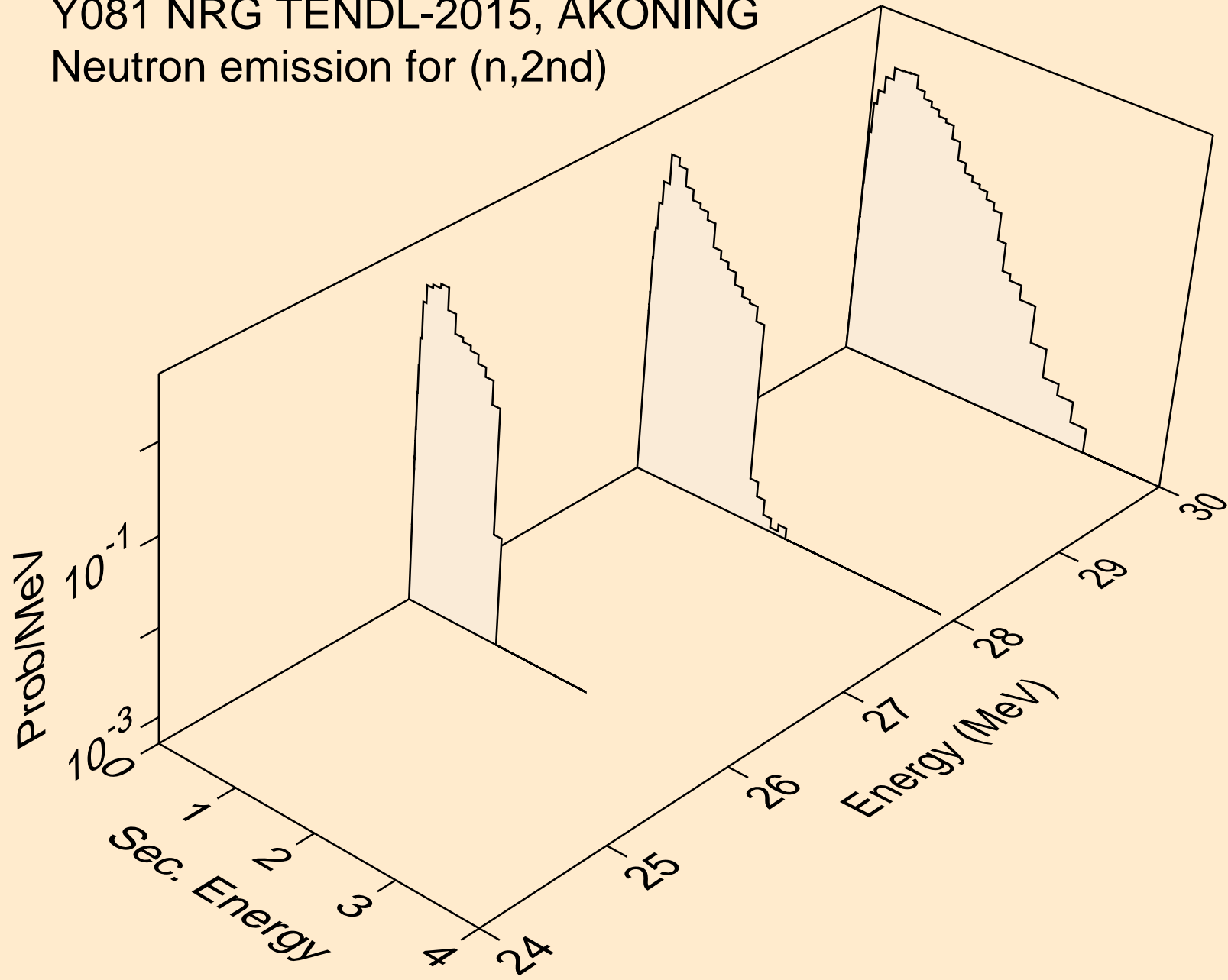




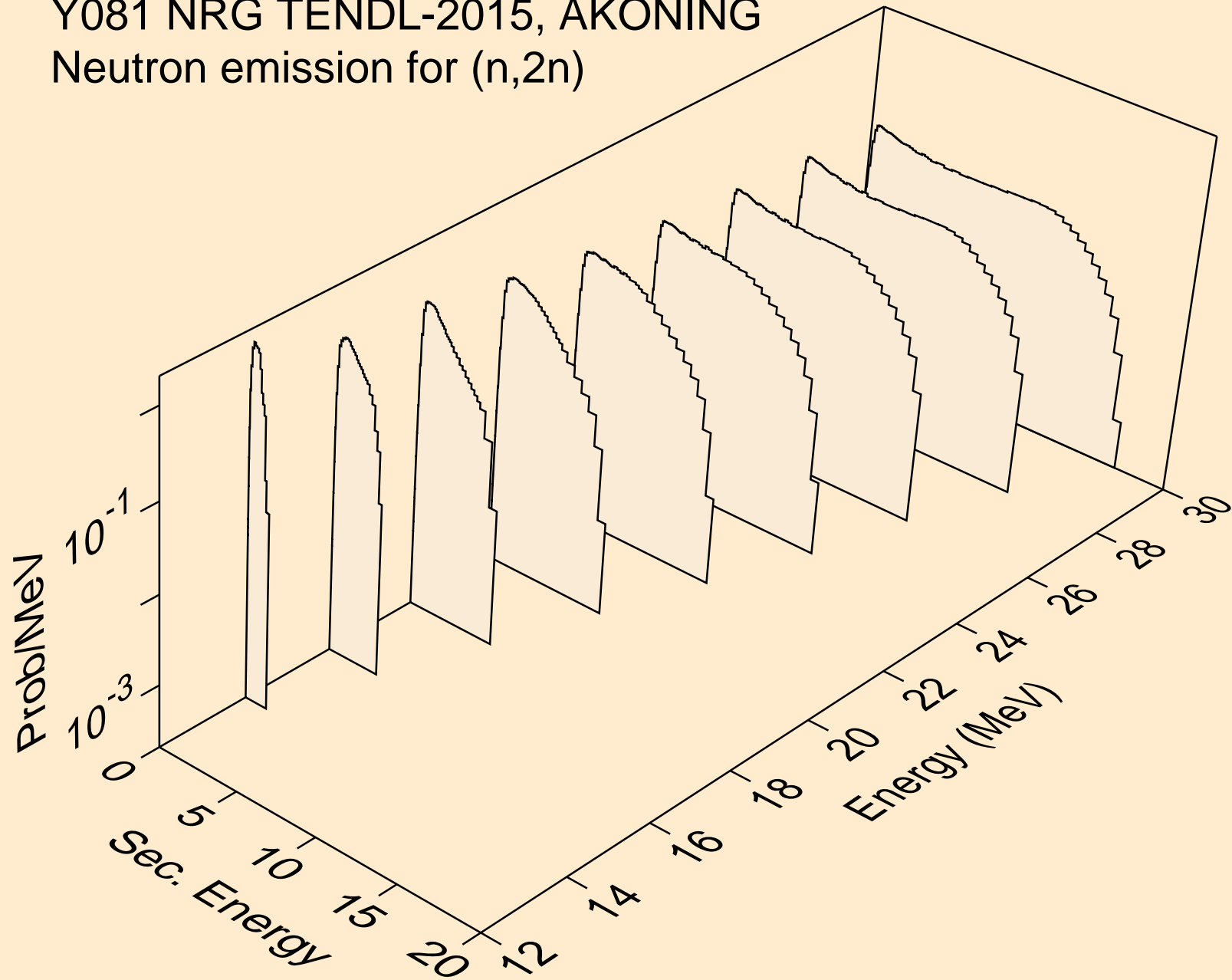
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



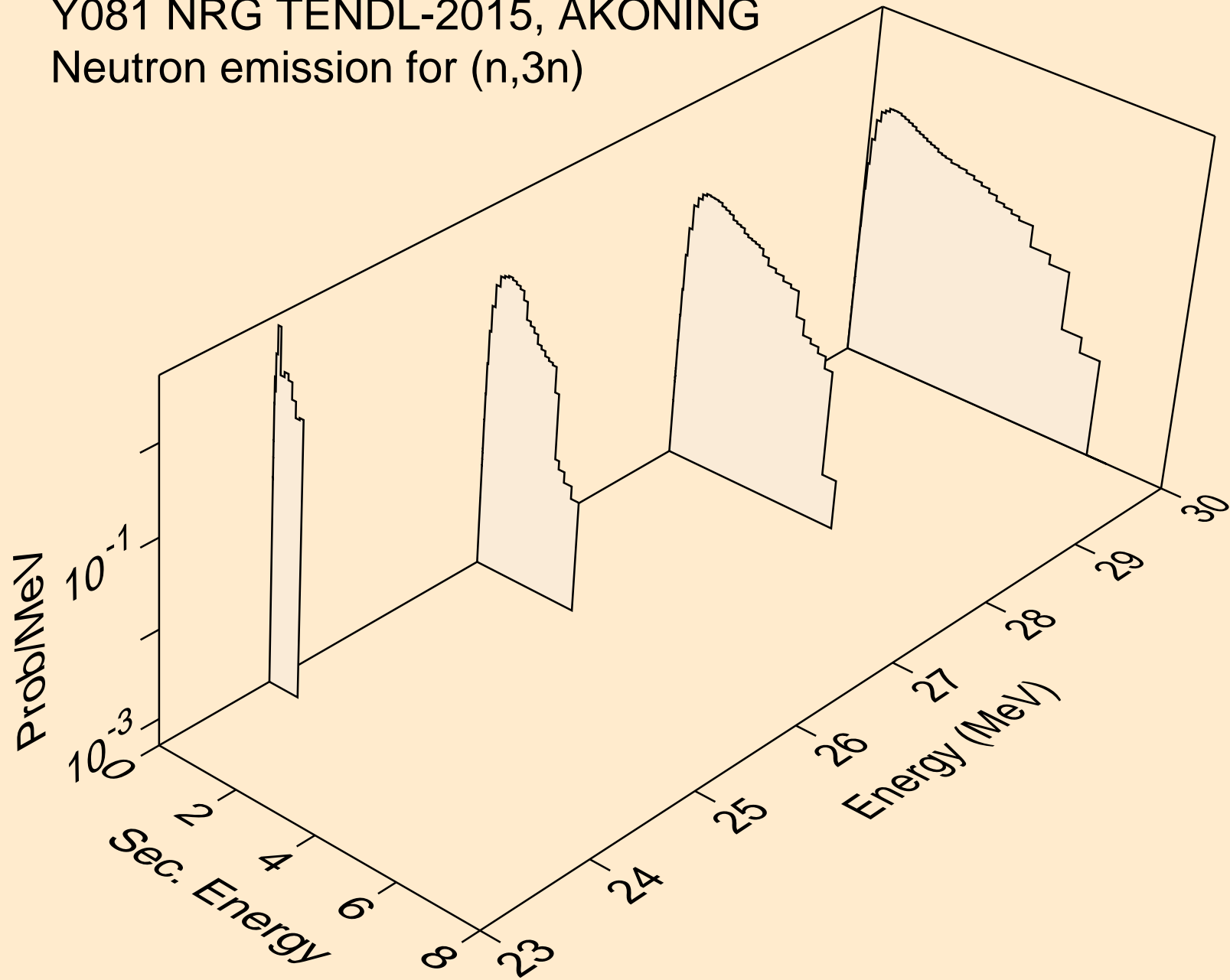
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



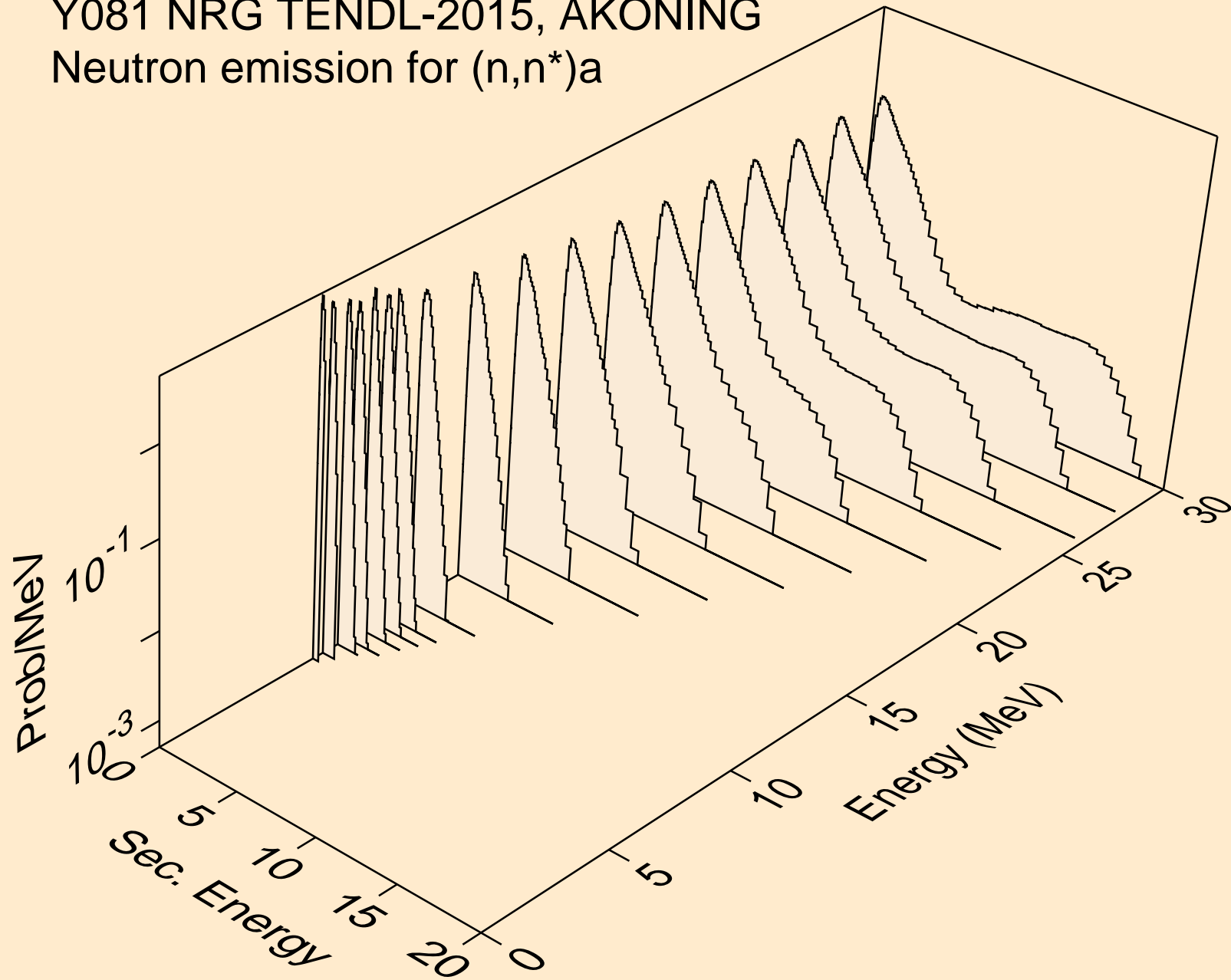
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



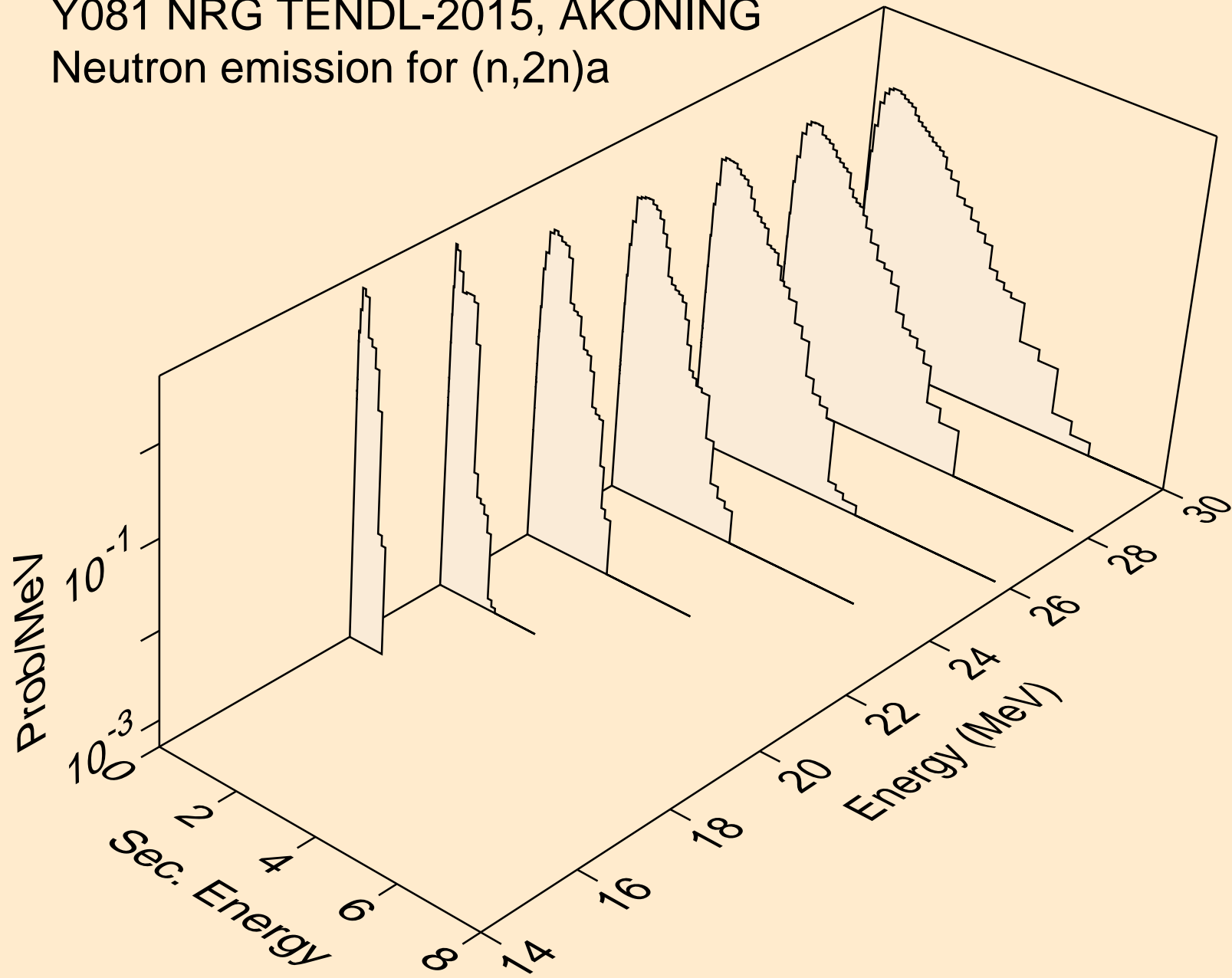
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



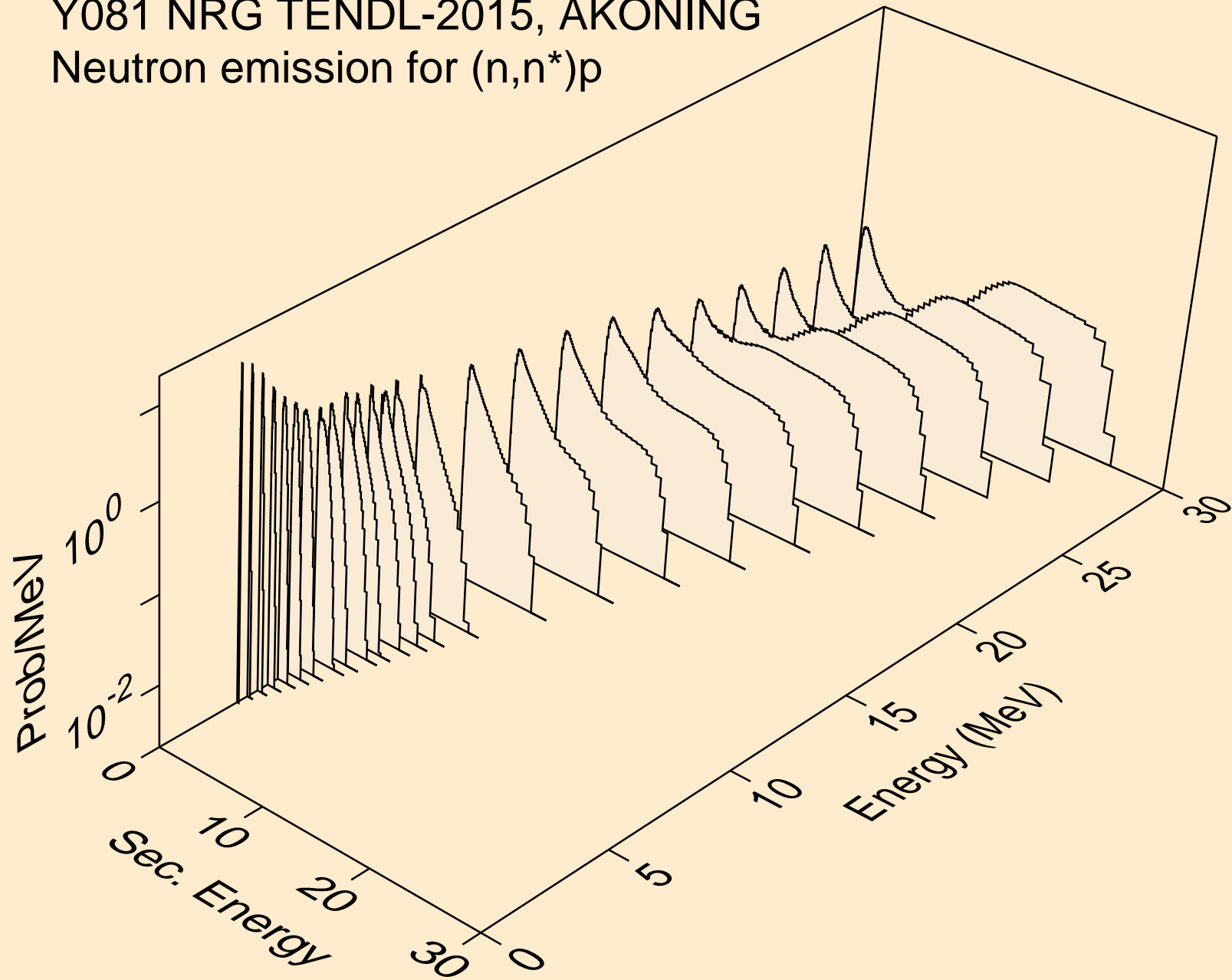
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



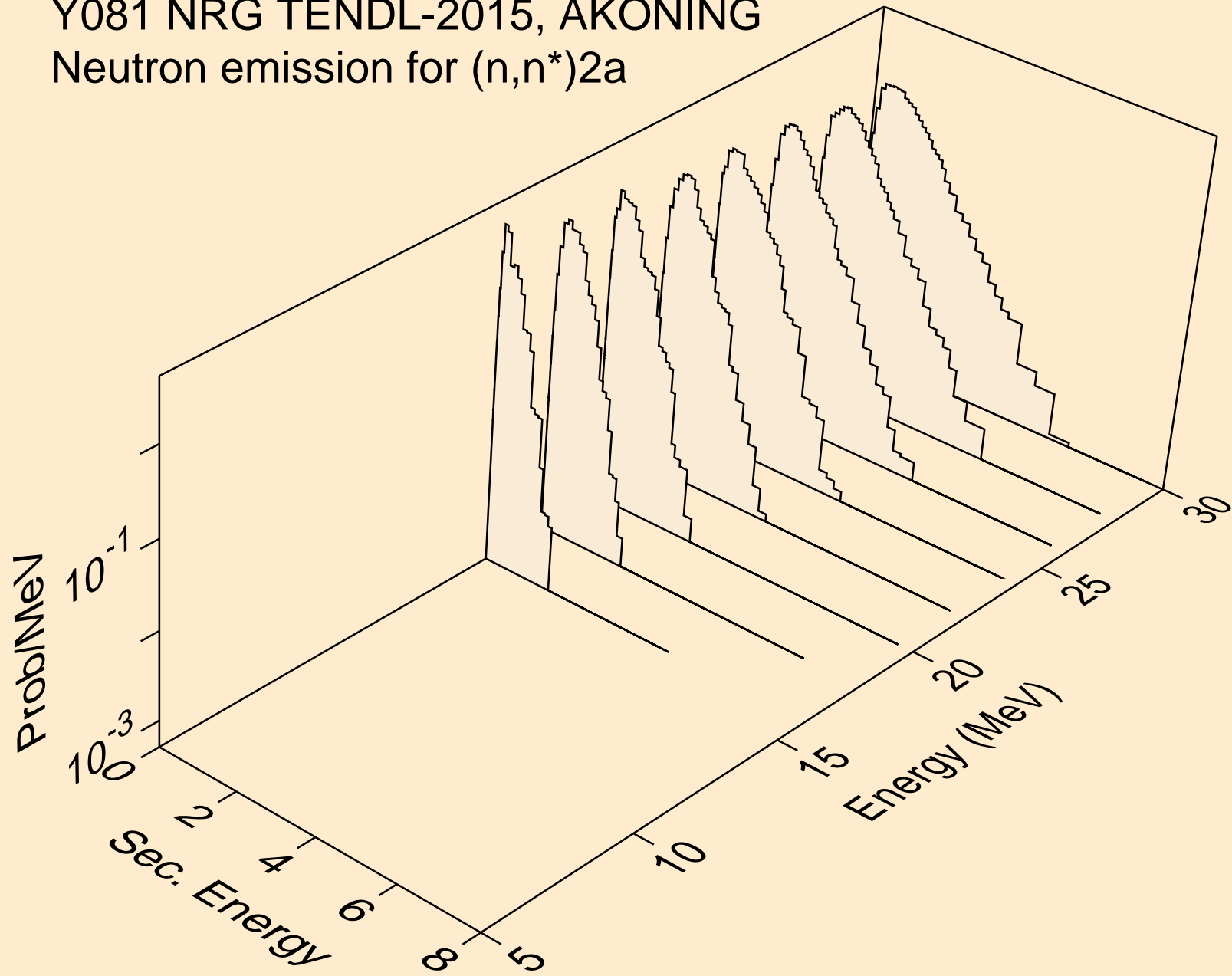
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

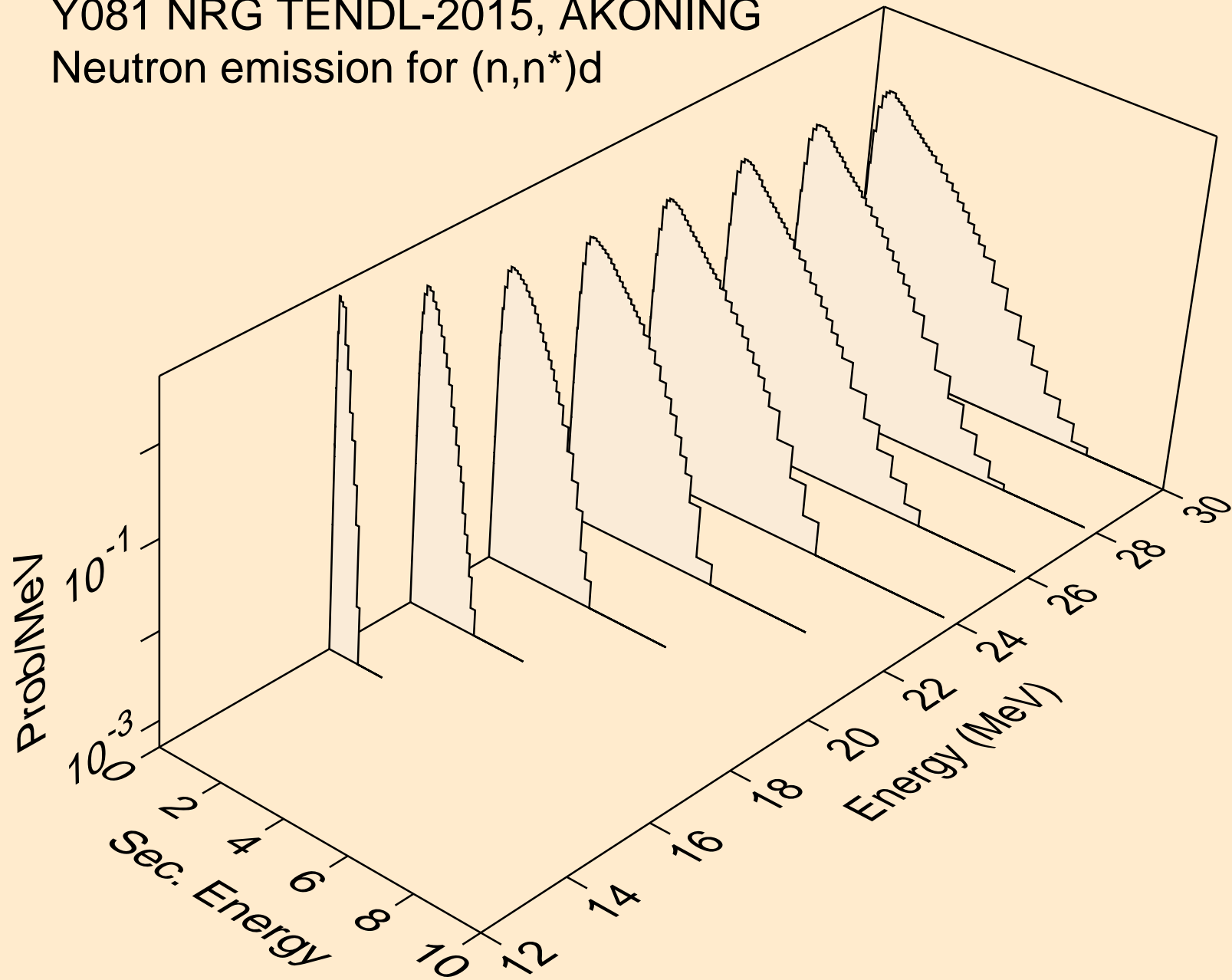


Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

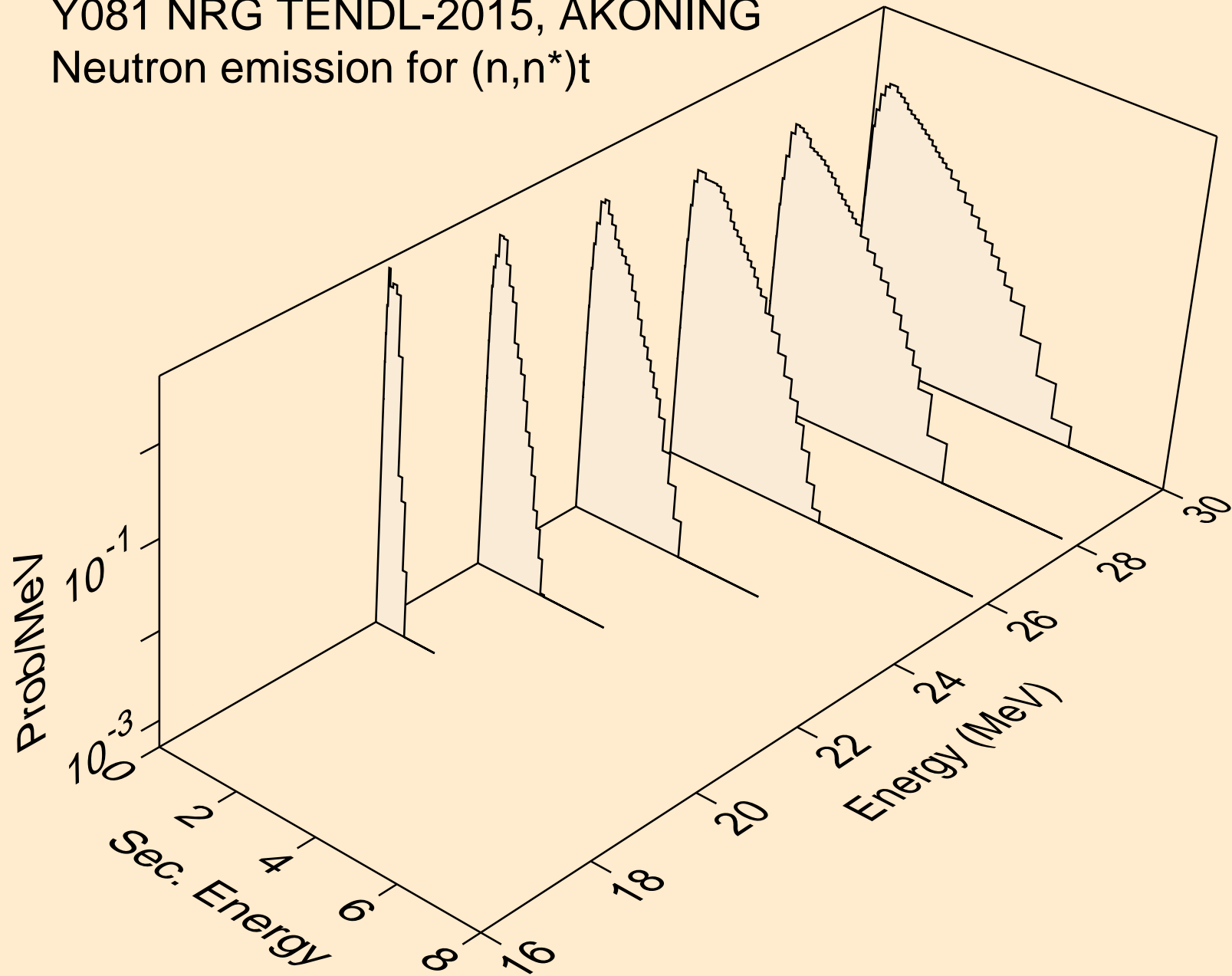




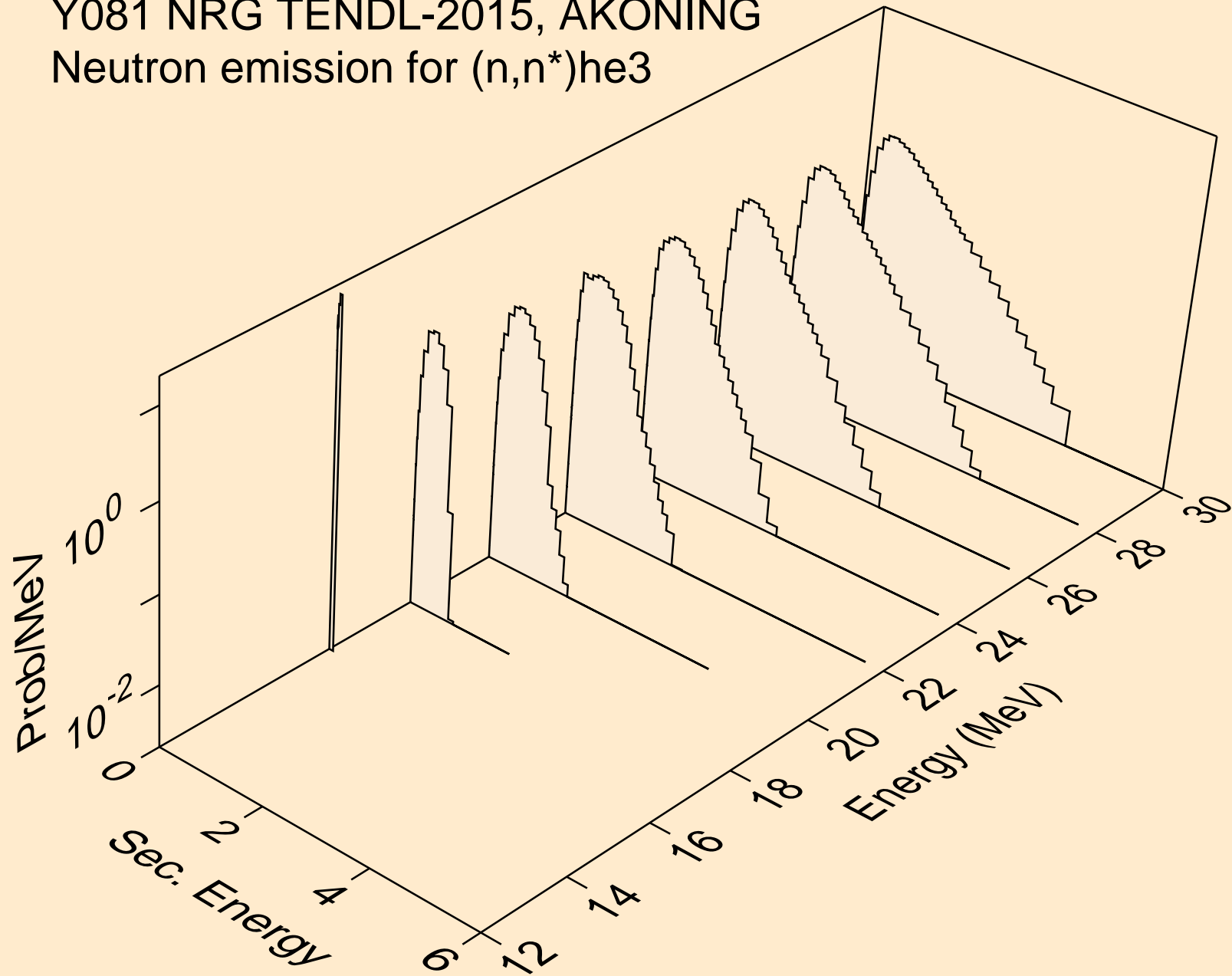
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



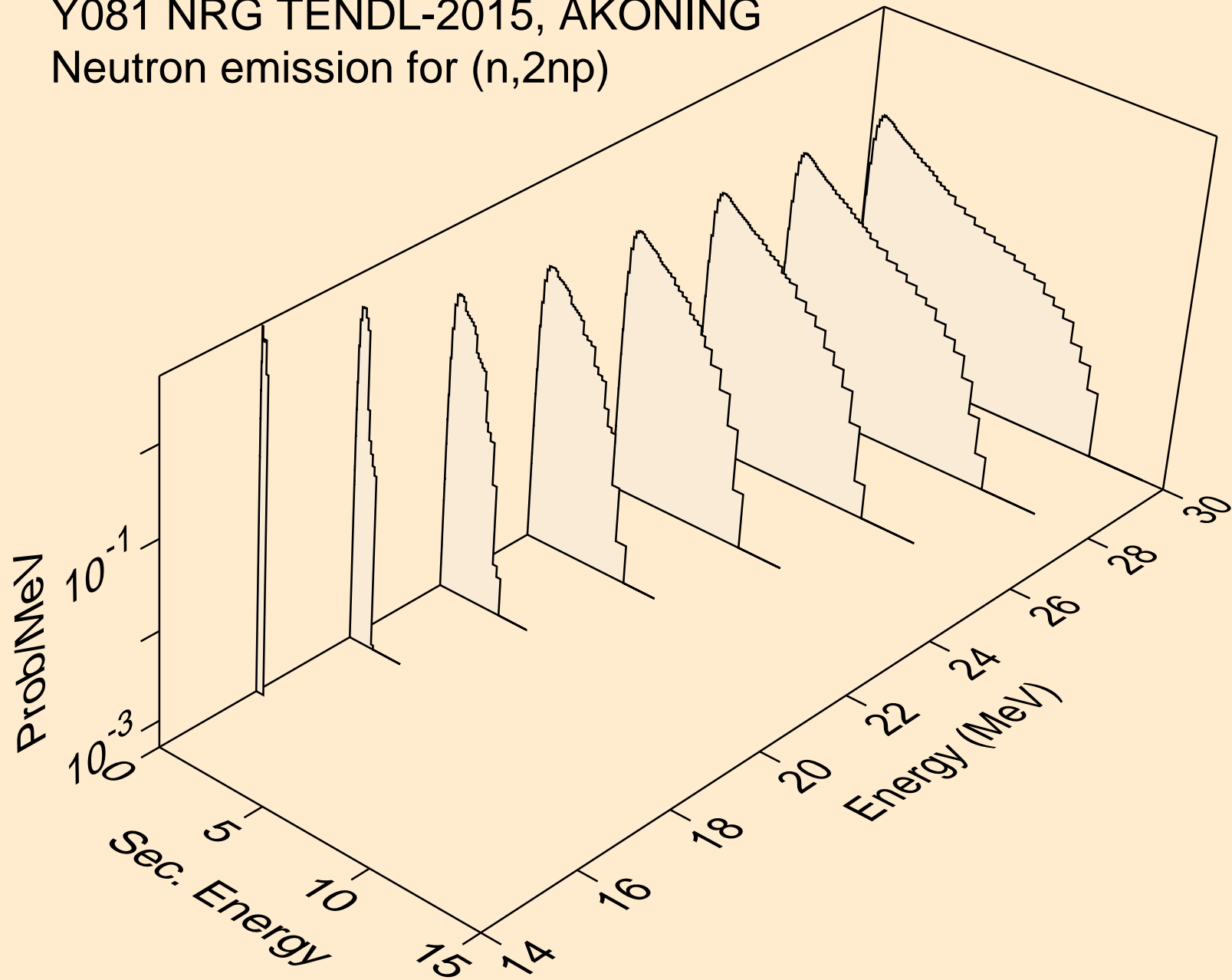
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



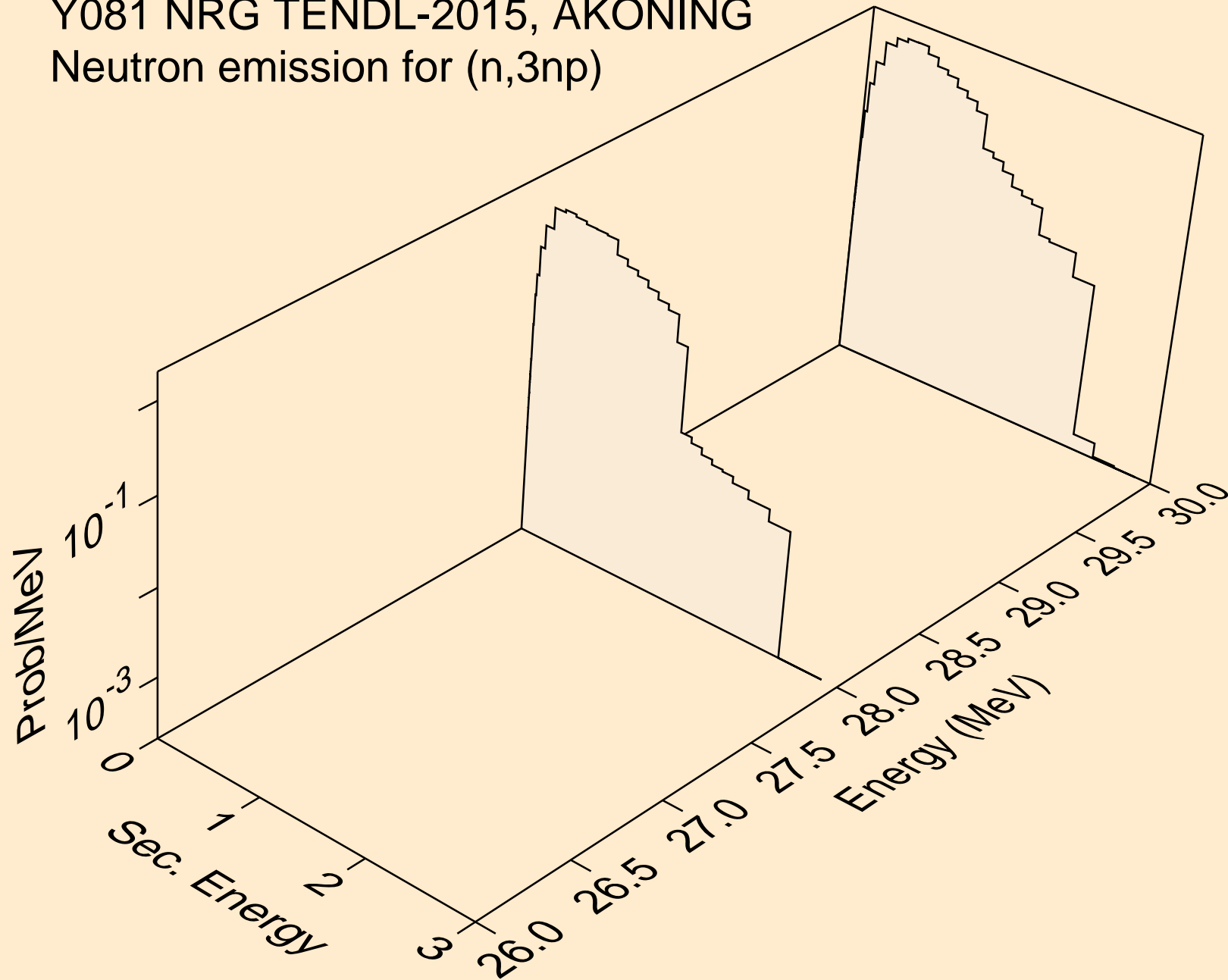
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



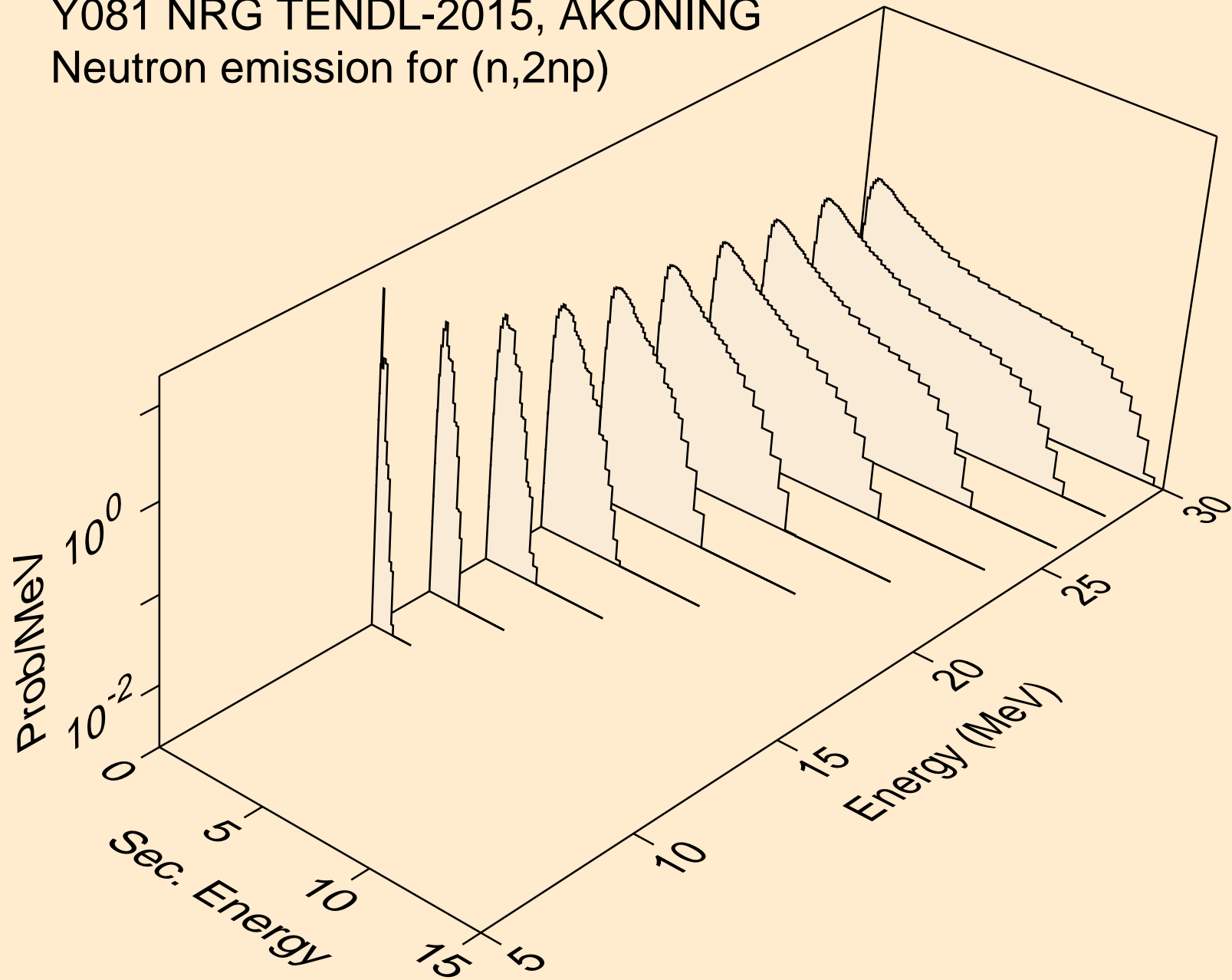
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



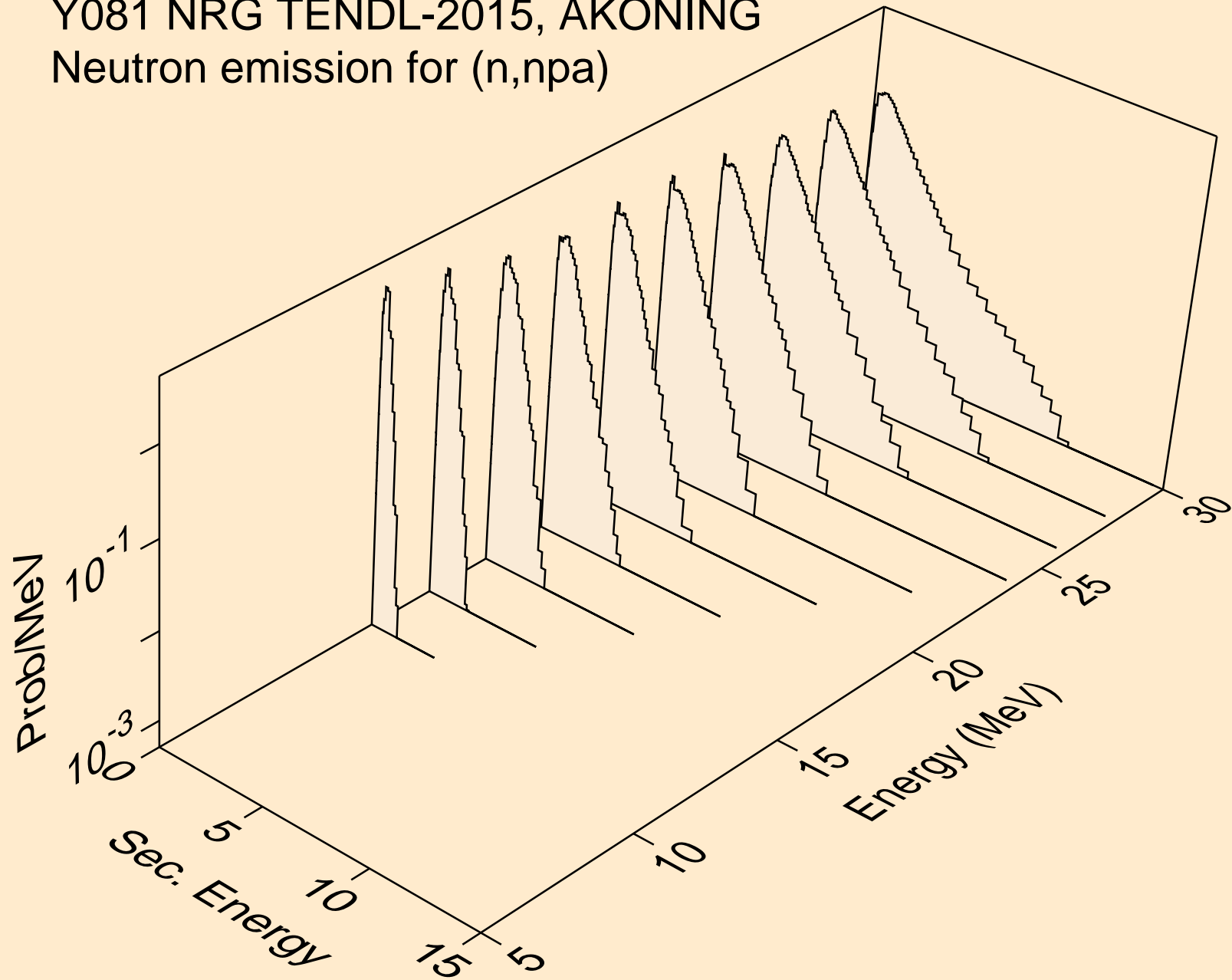
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Neutron emission for (n,3np)



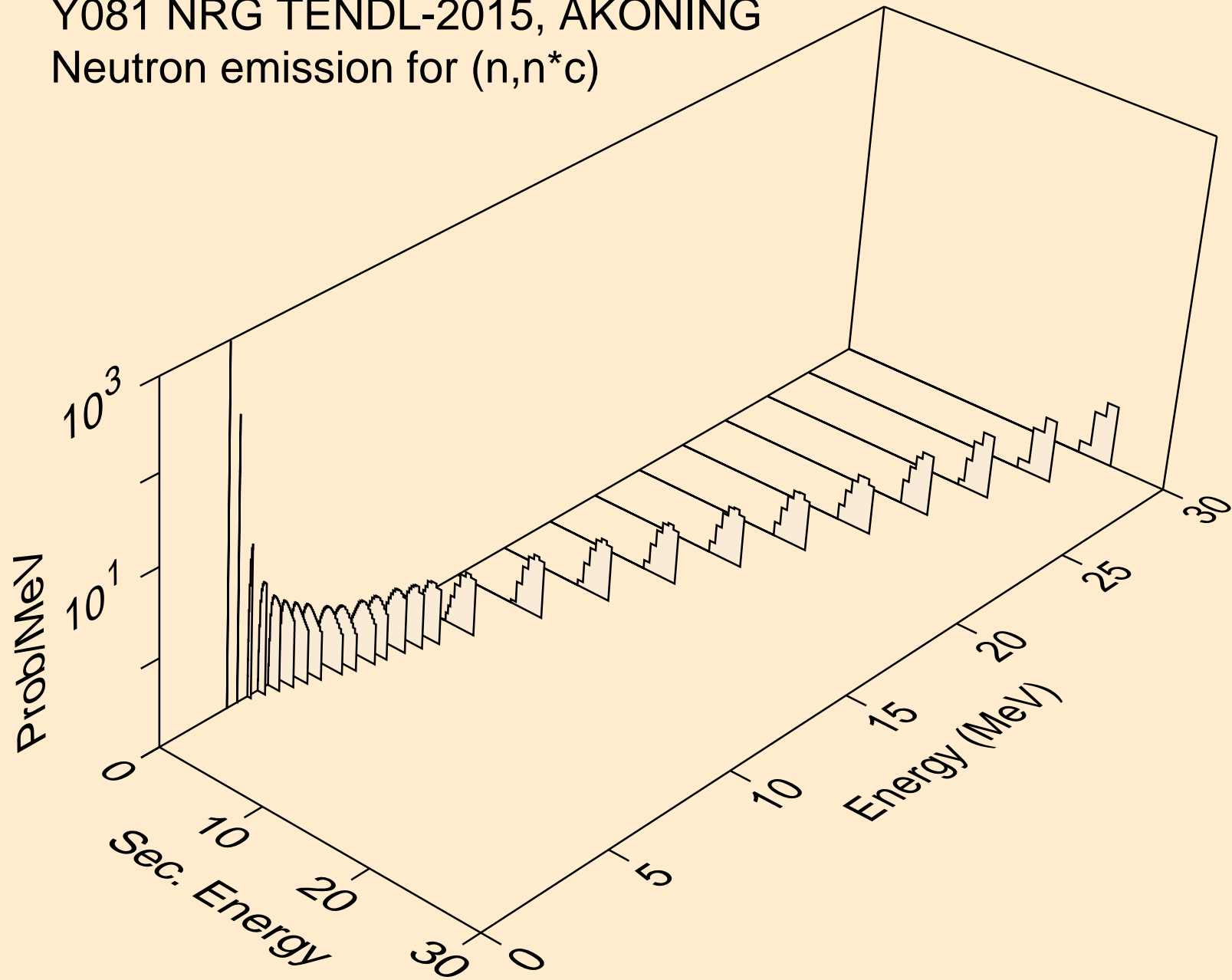
Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

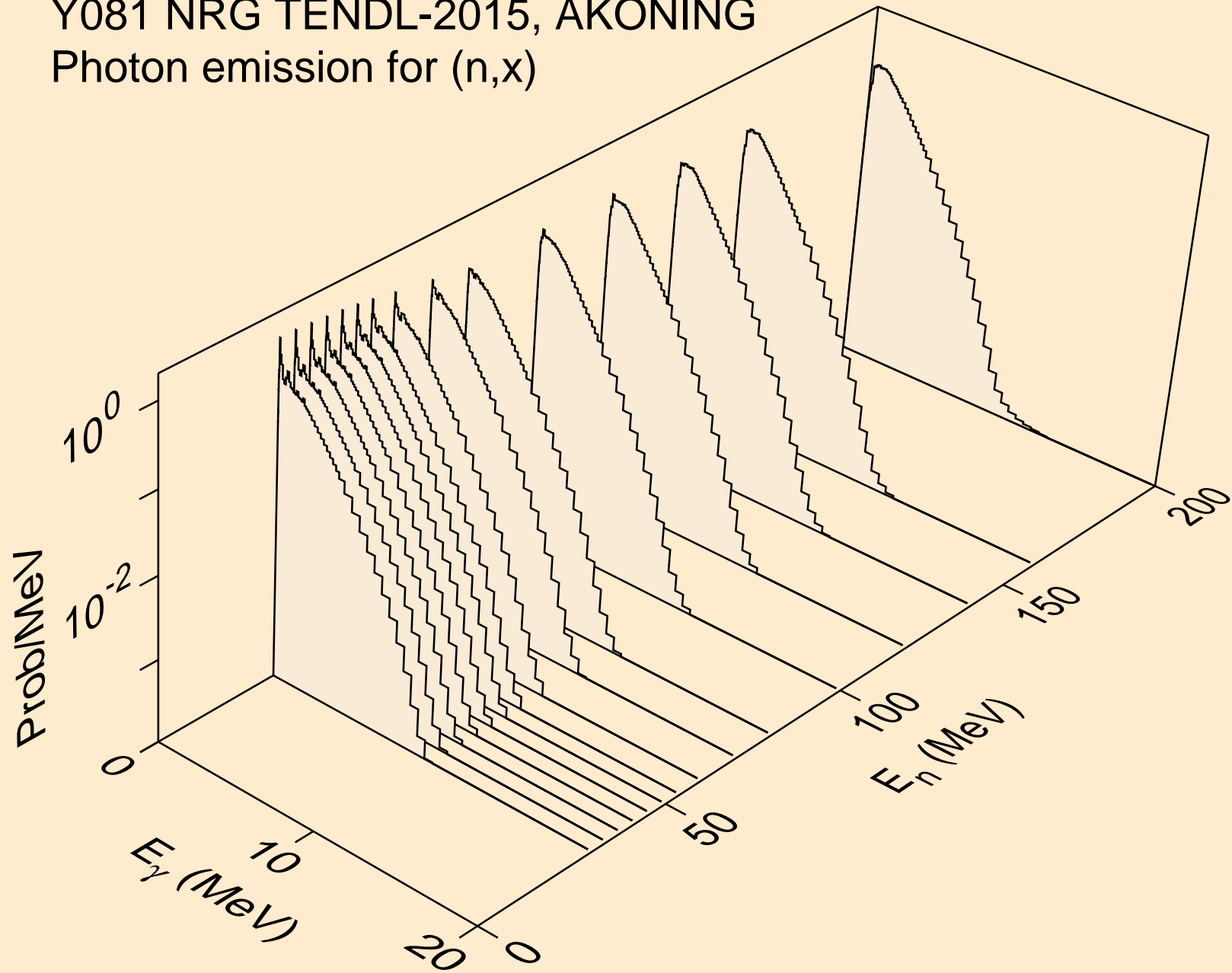


Y081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

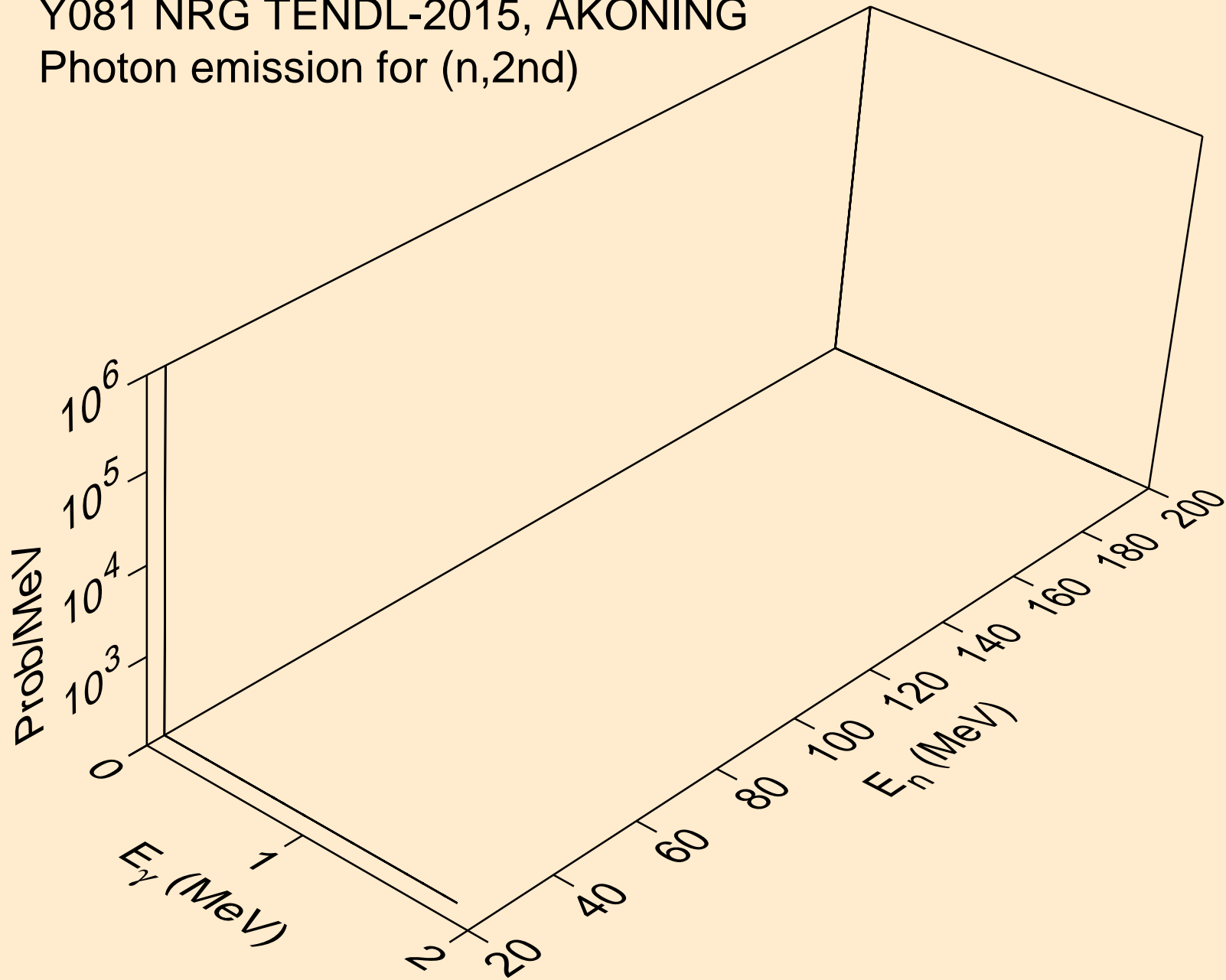




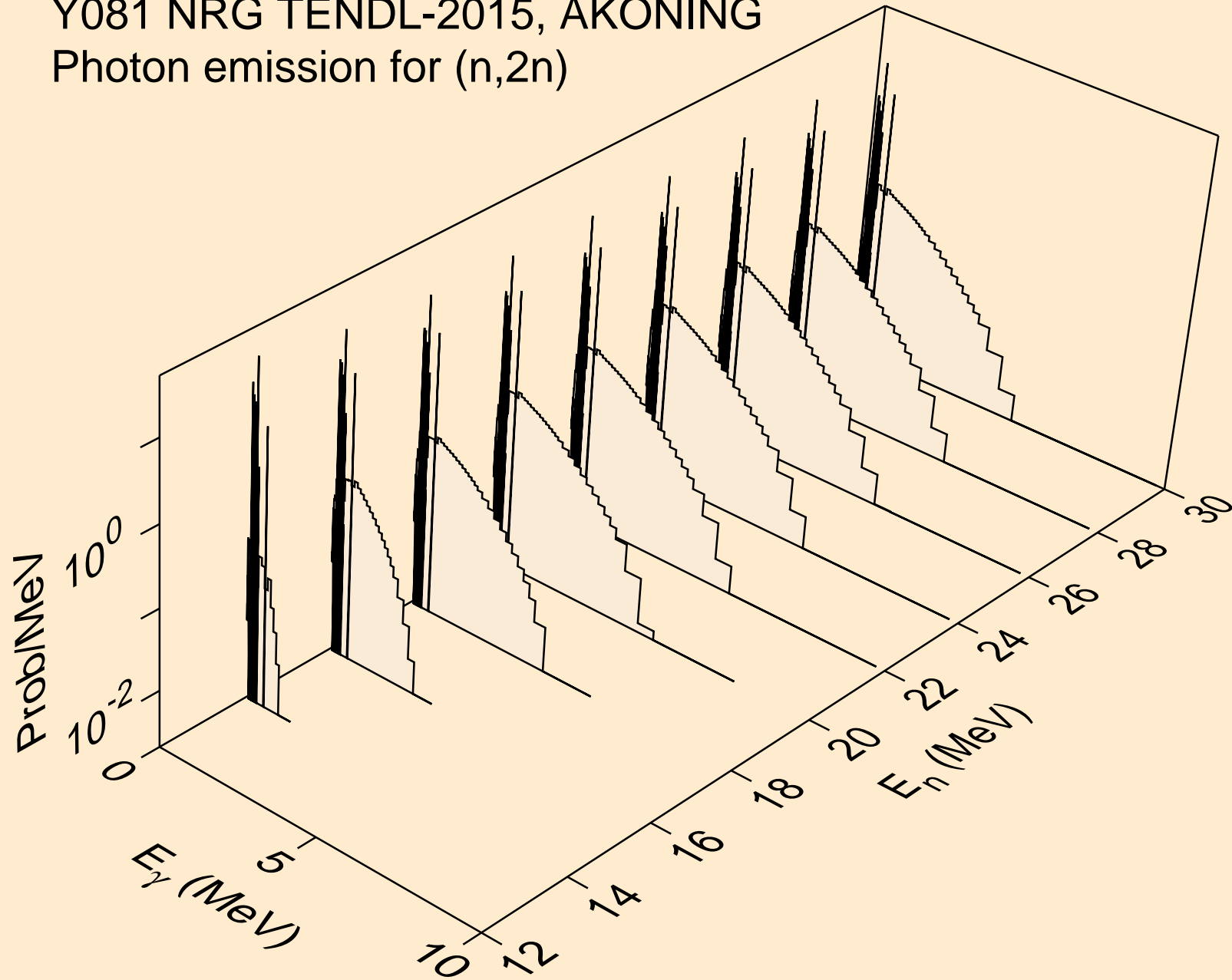
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



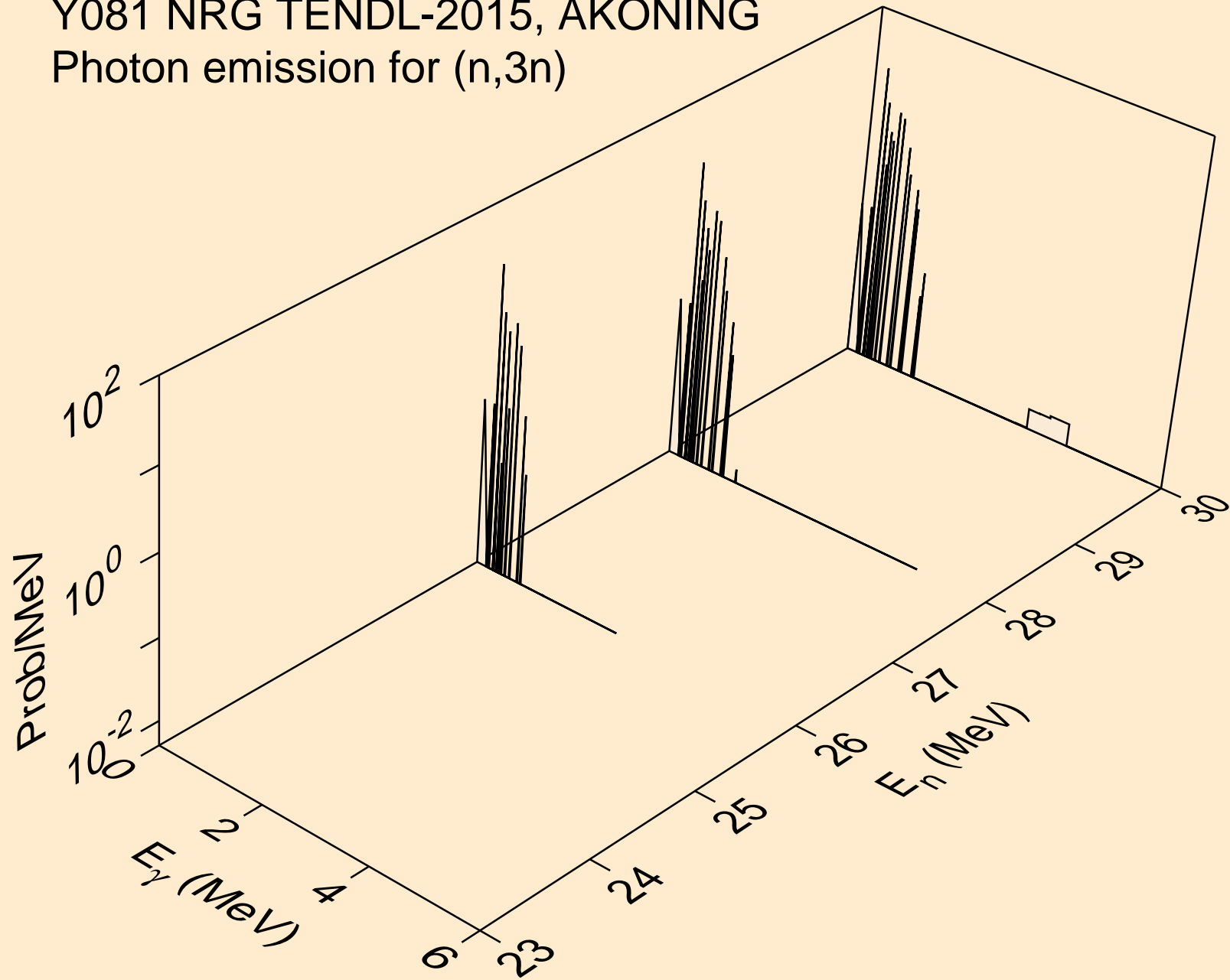
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



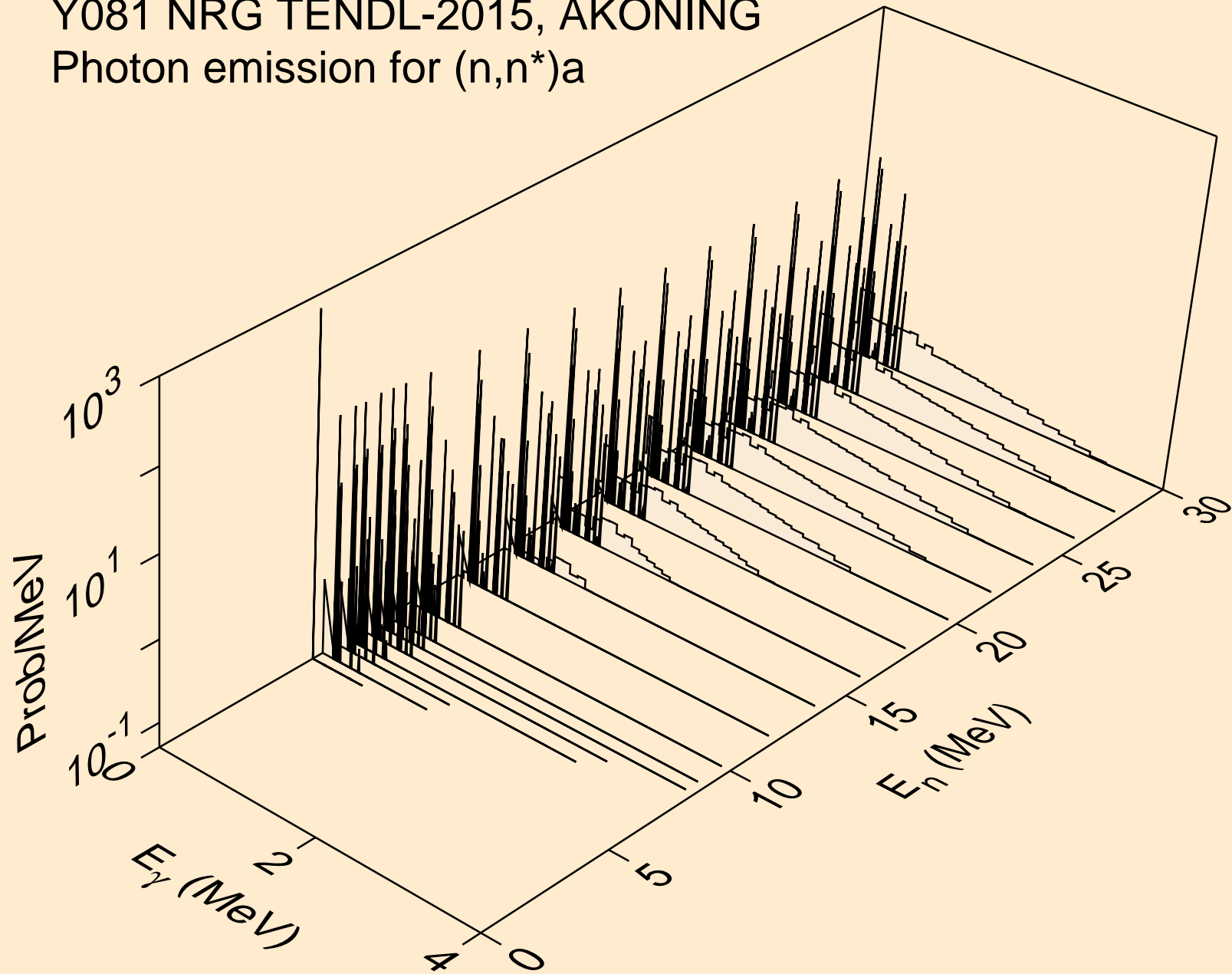
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



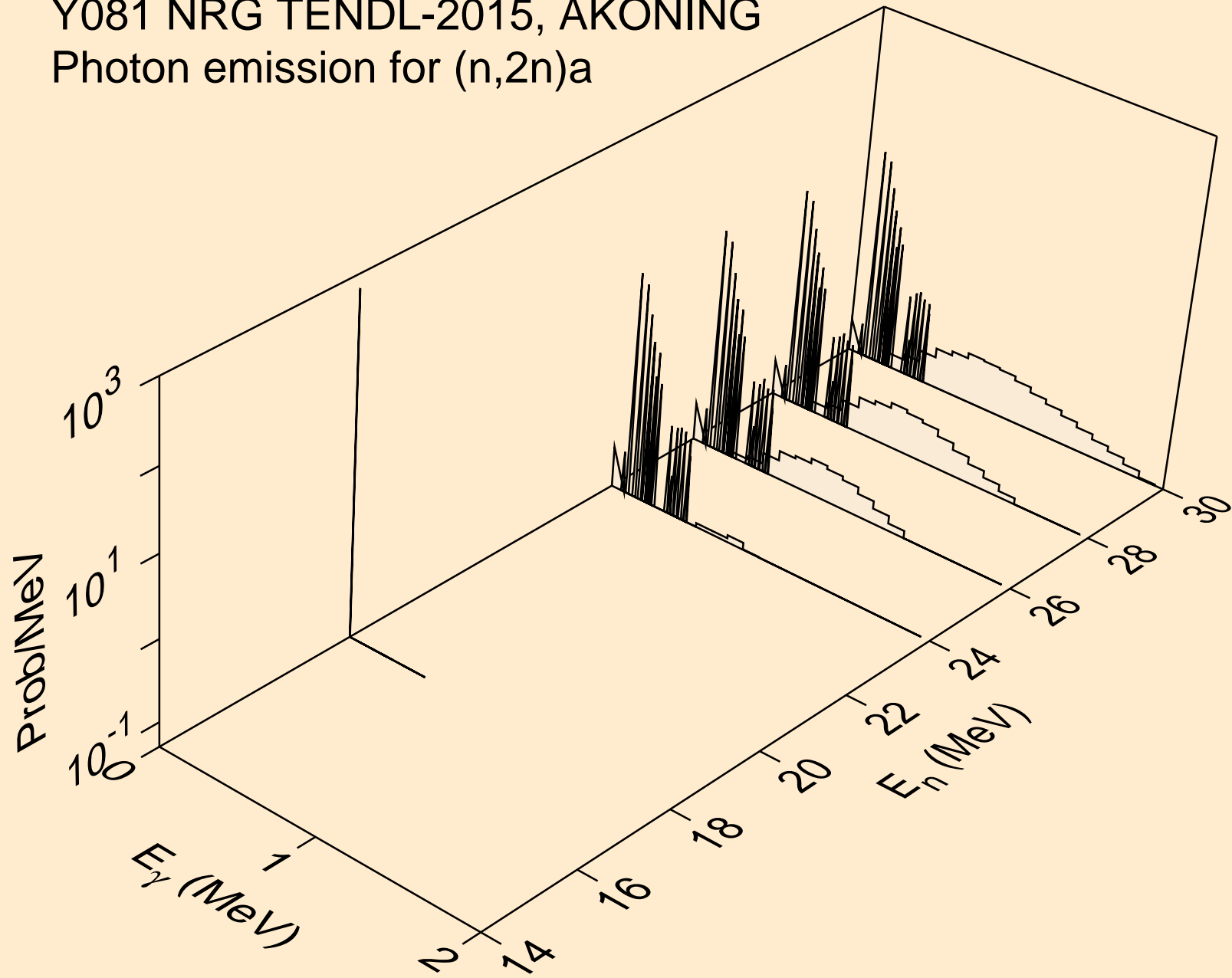
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



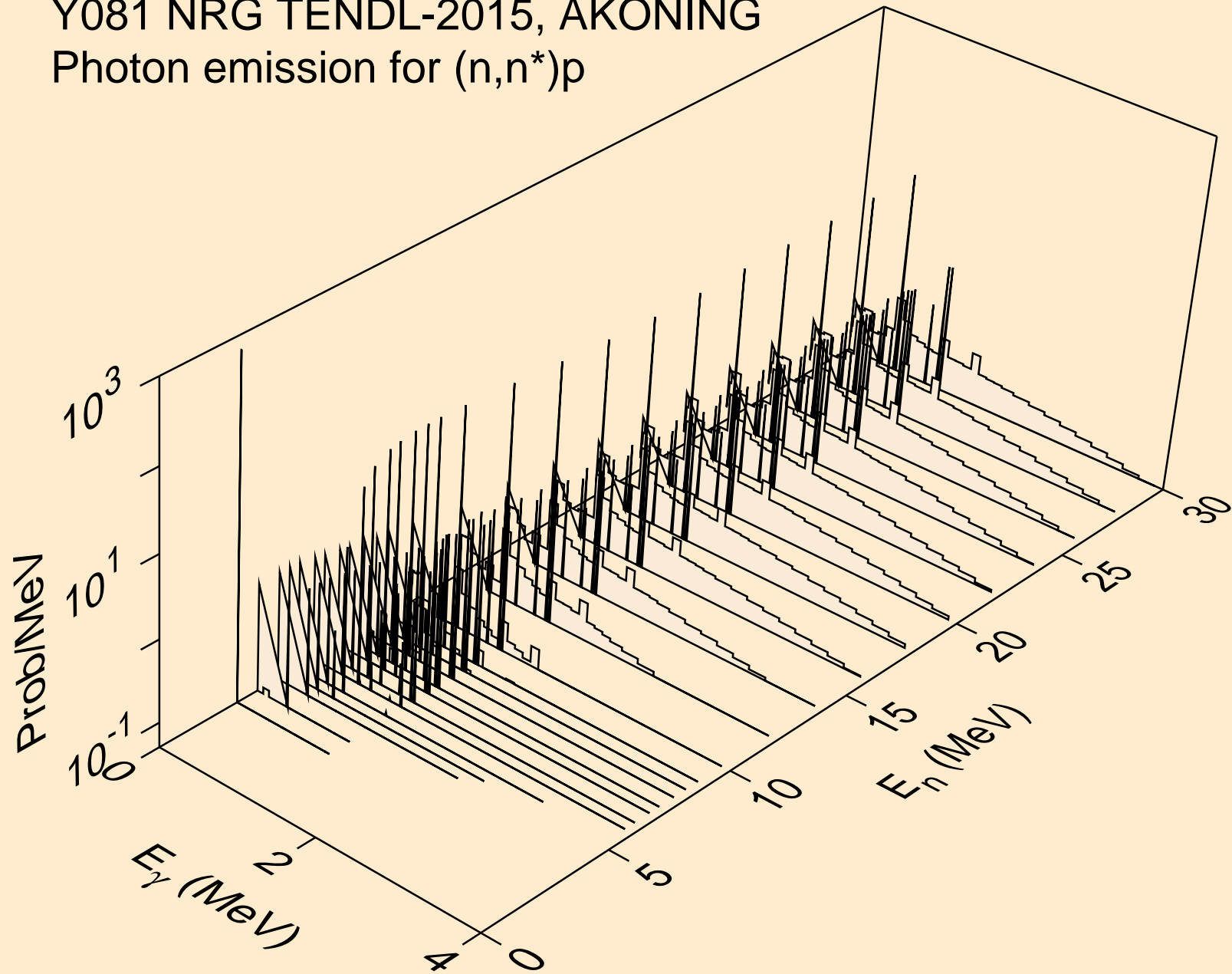
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



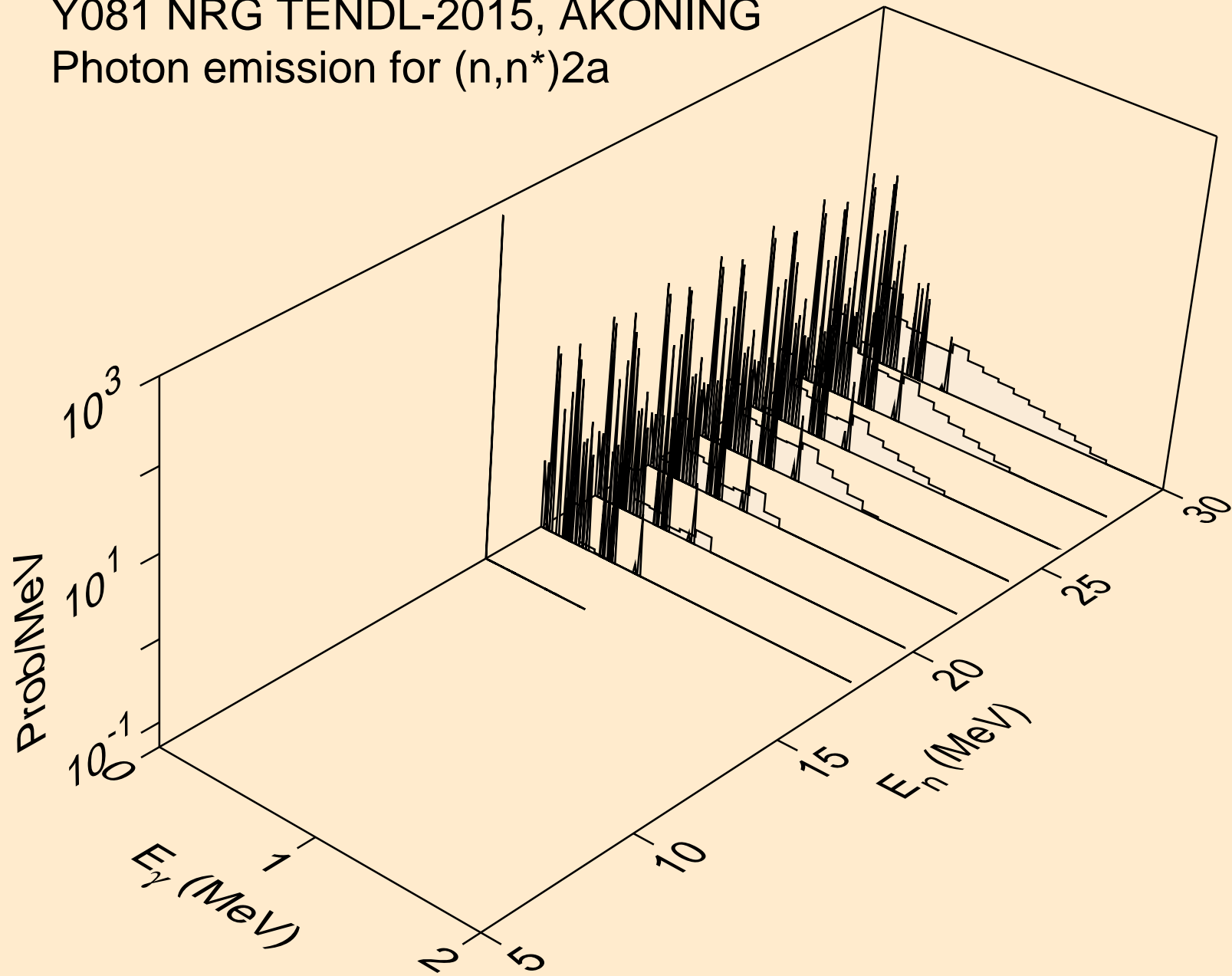
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

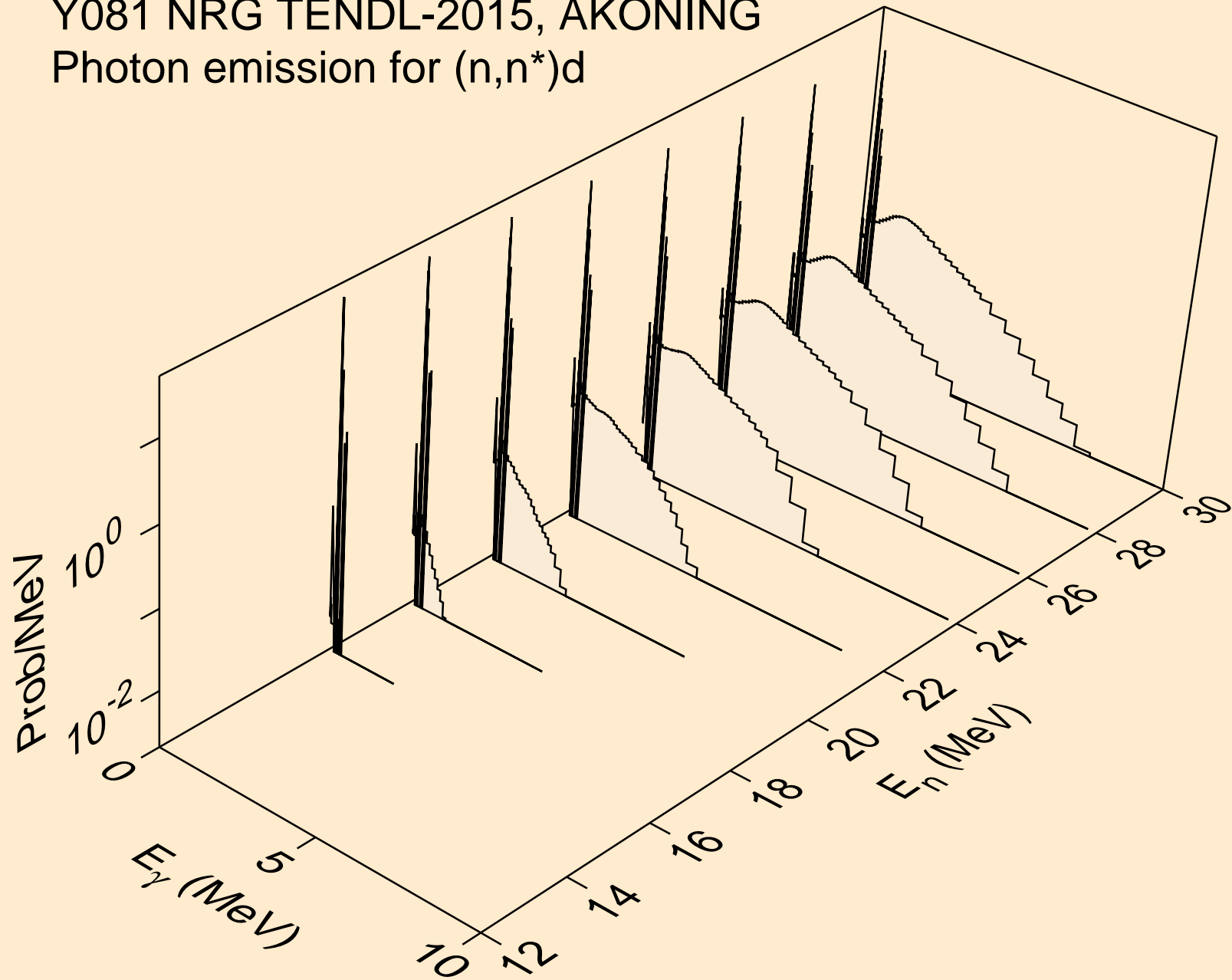


Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

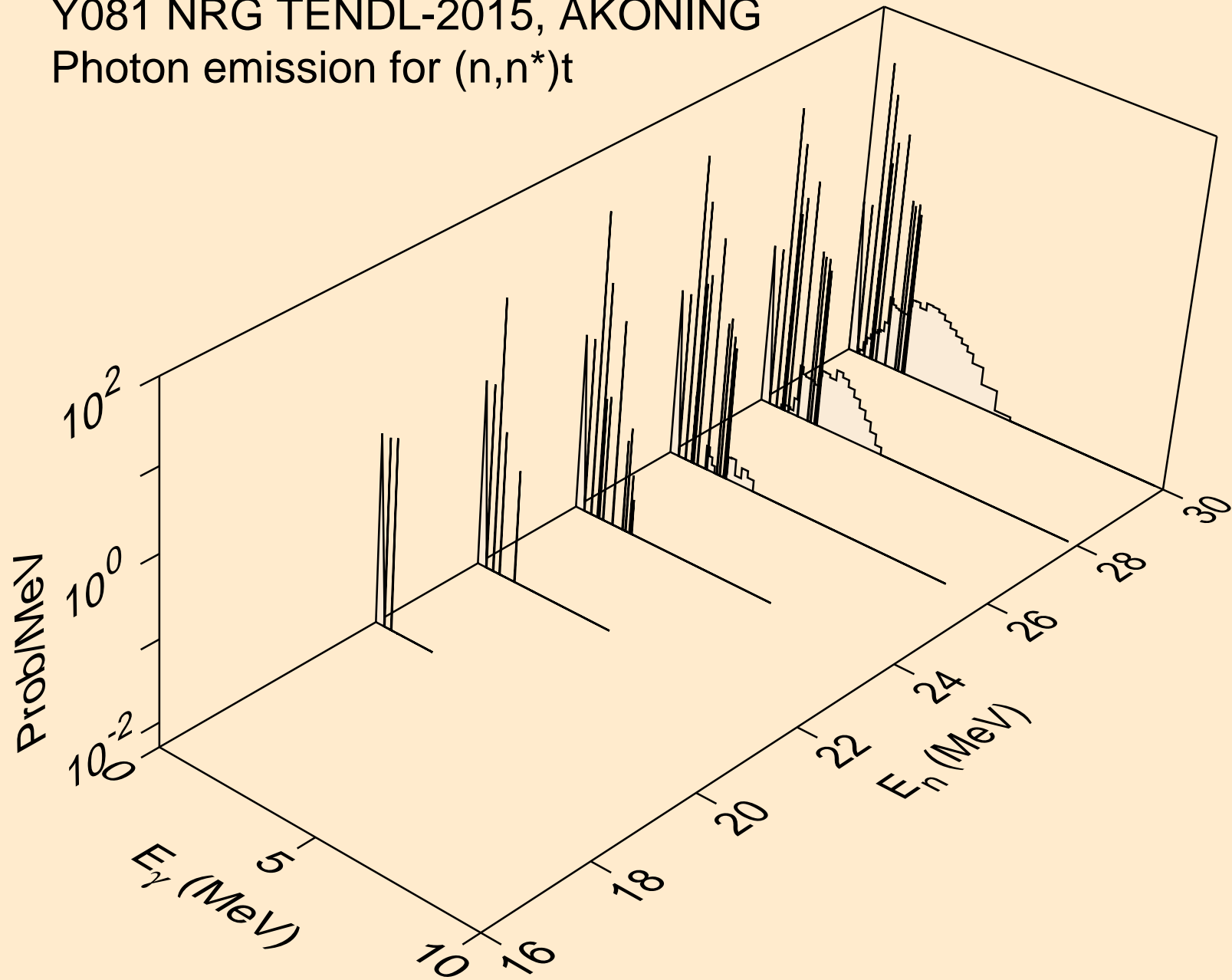




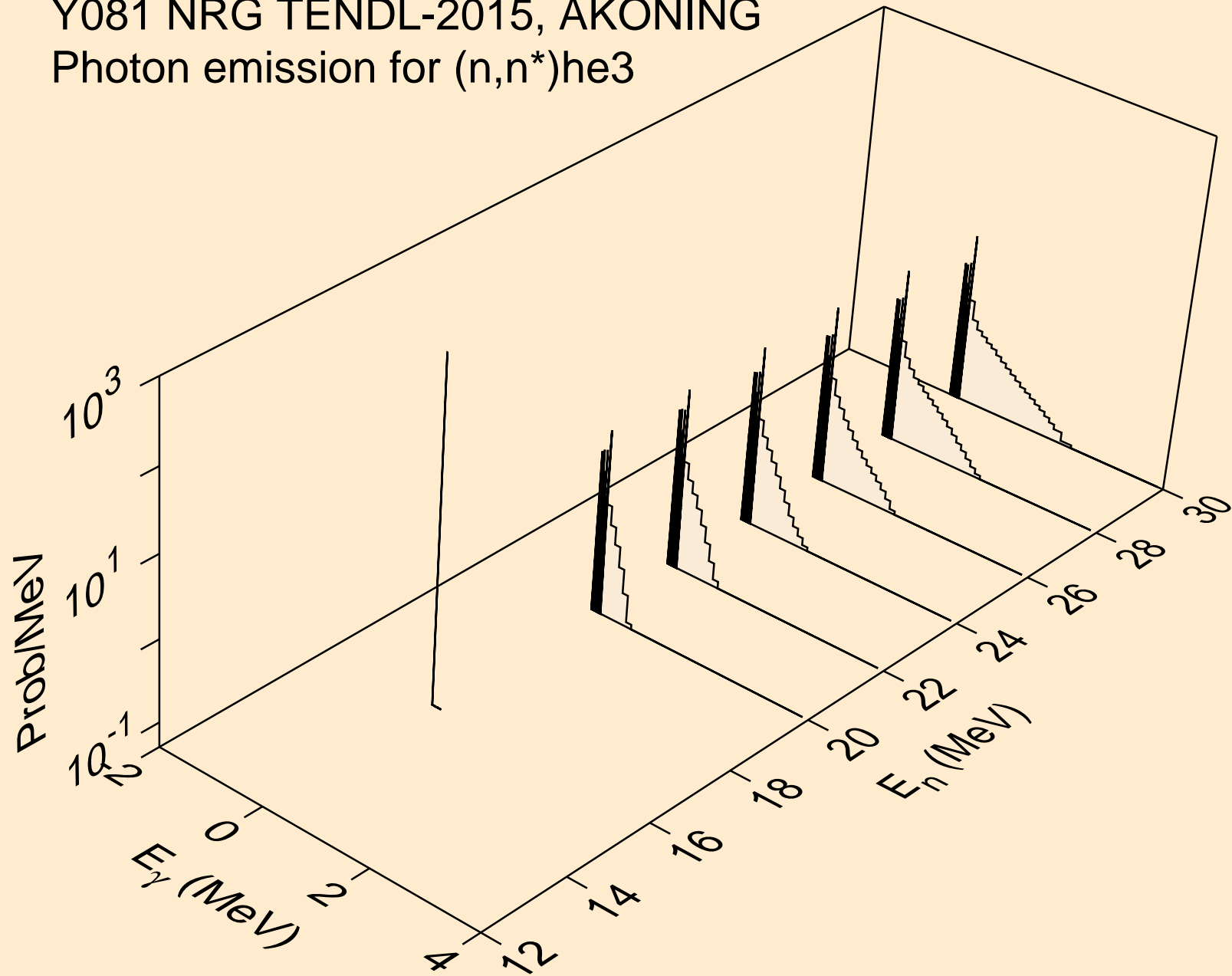
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



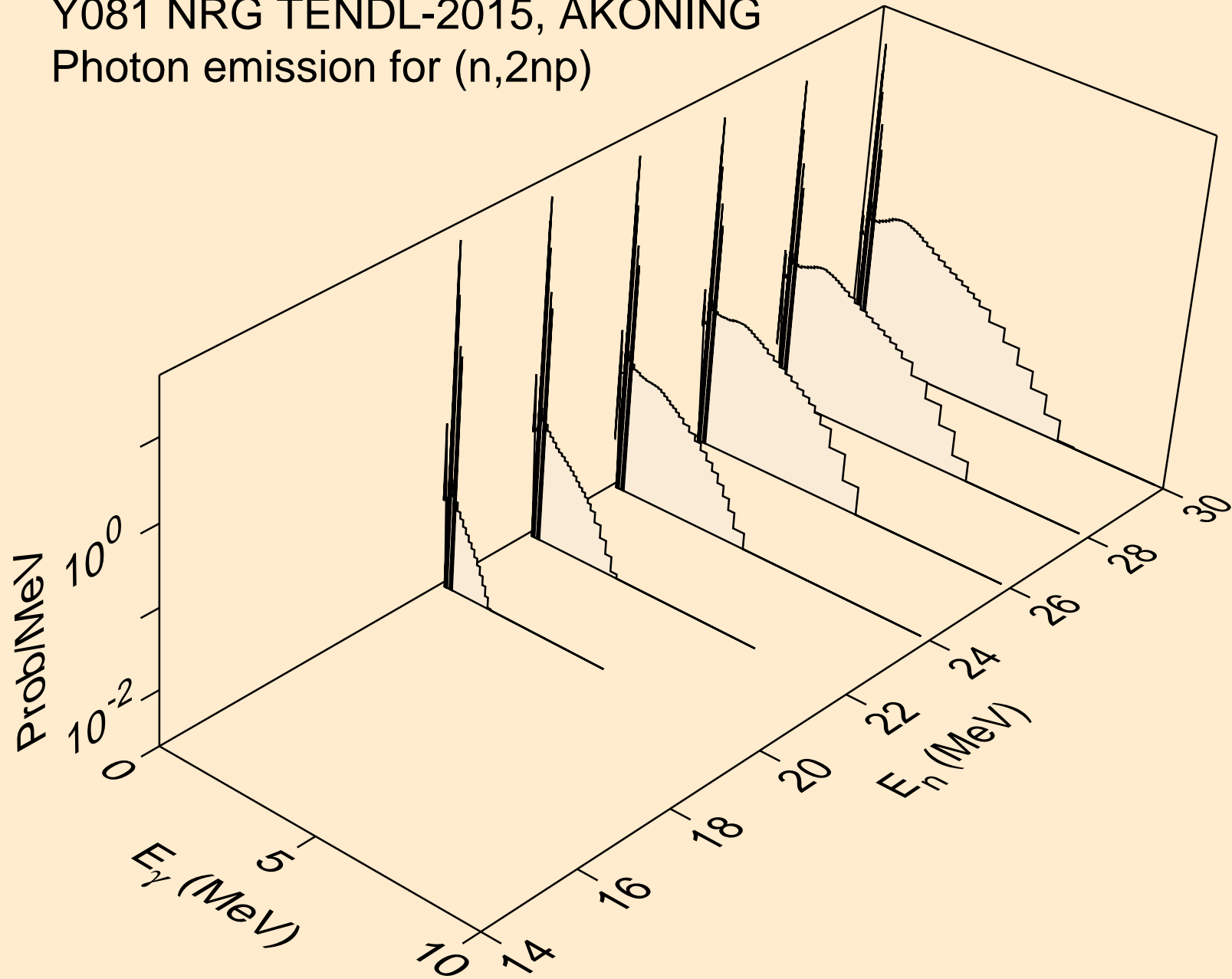
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



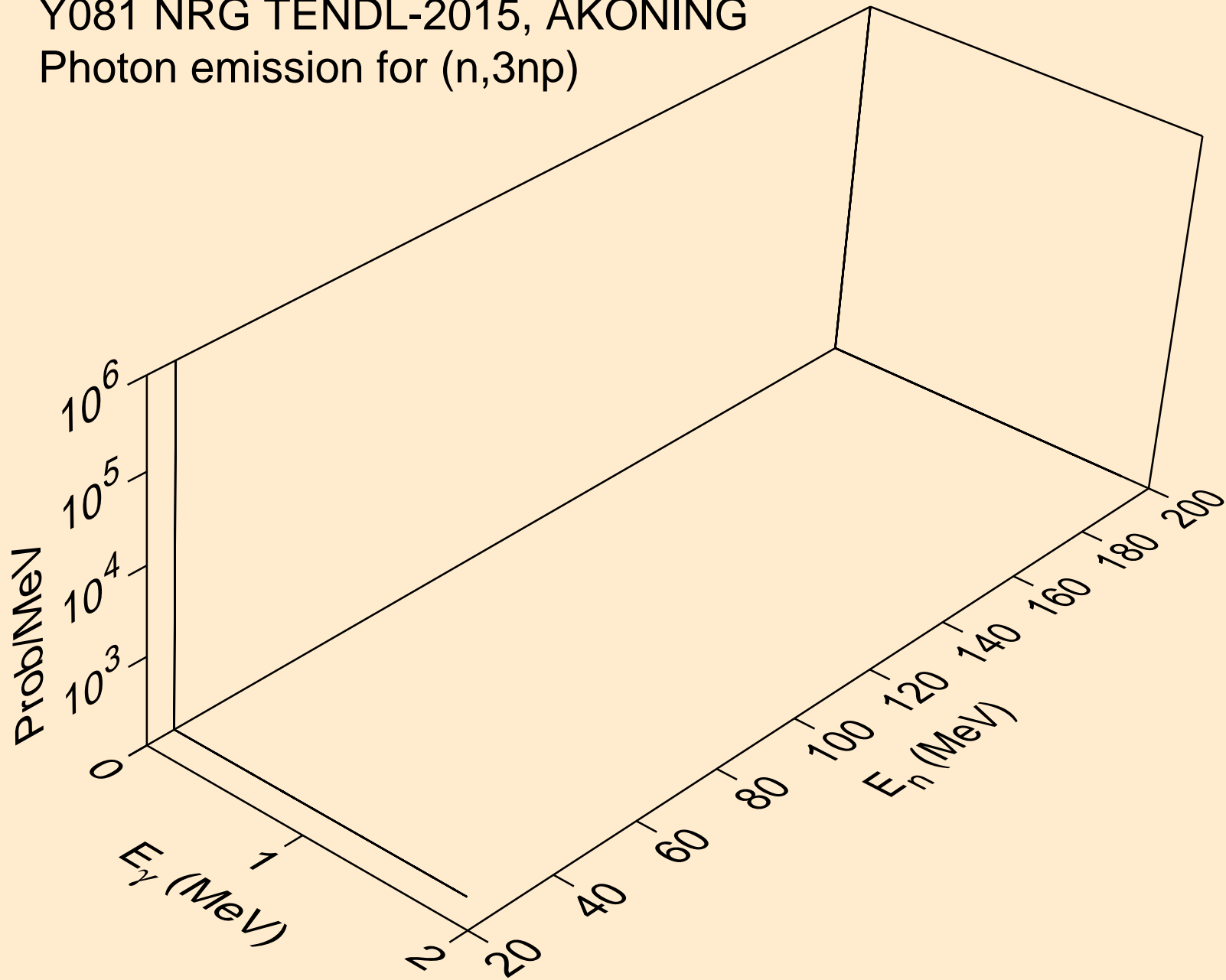
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



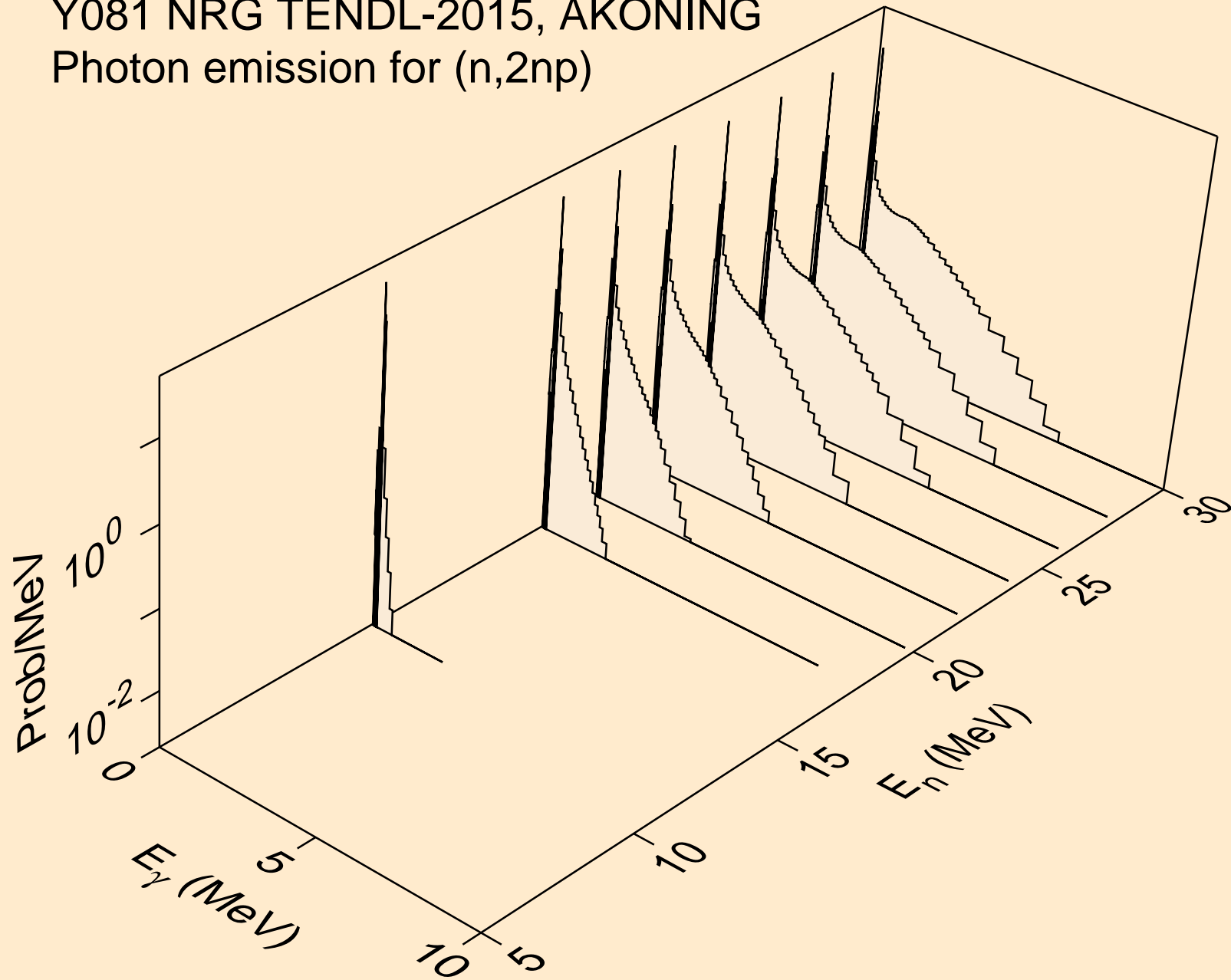
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



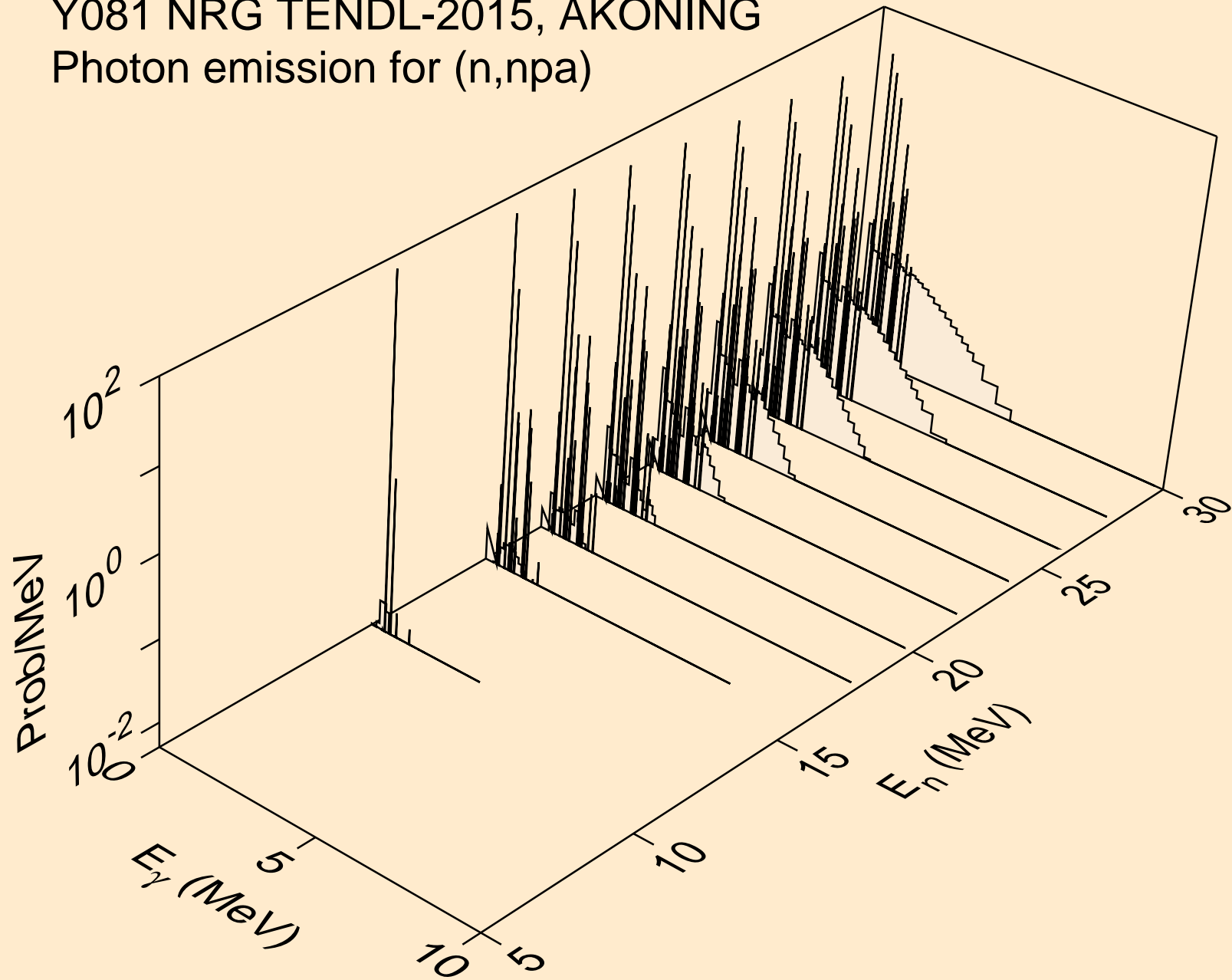
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



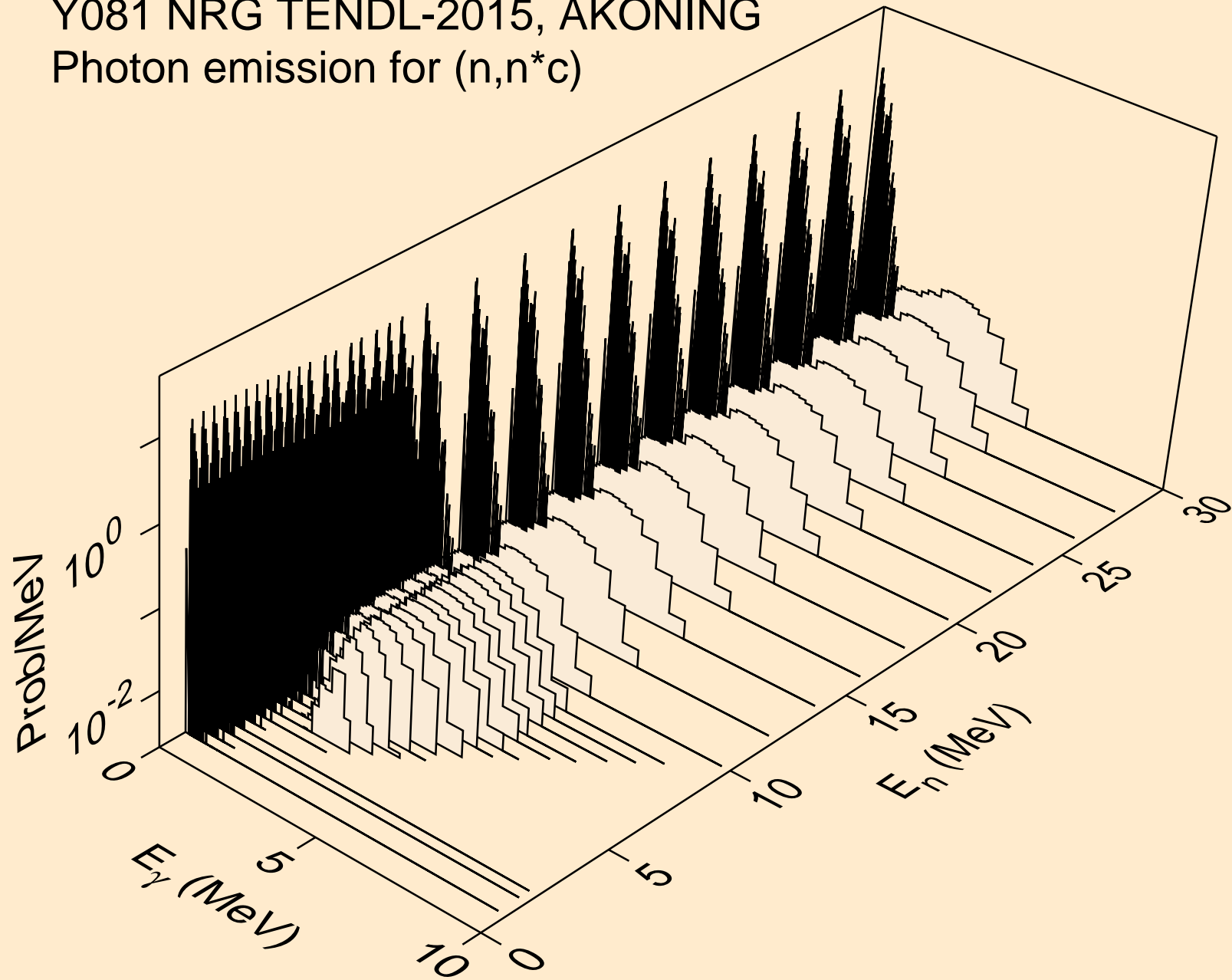
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

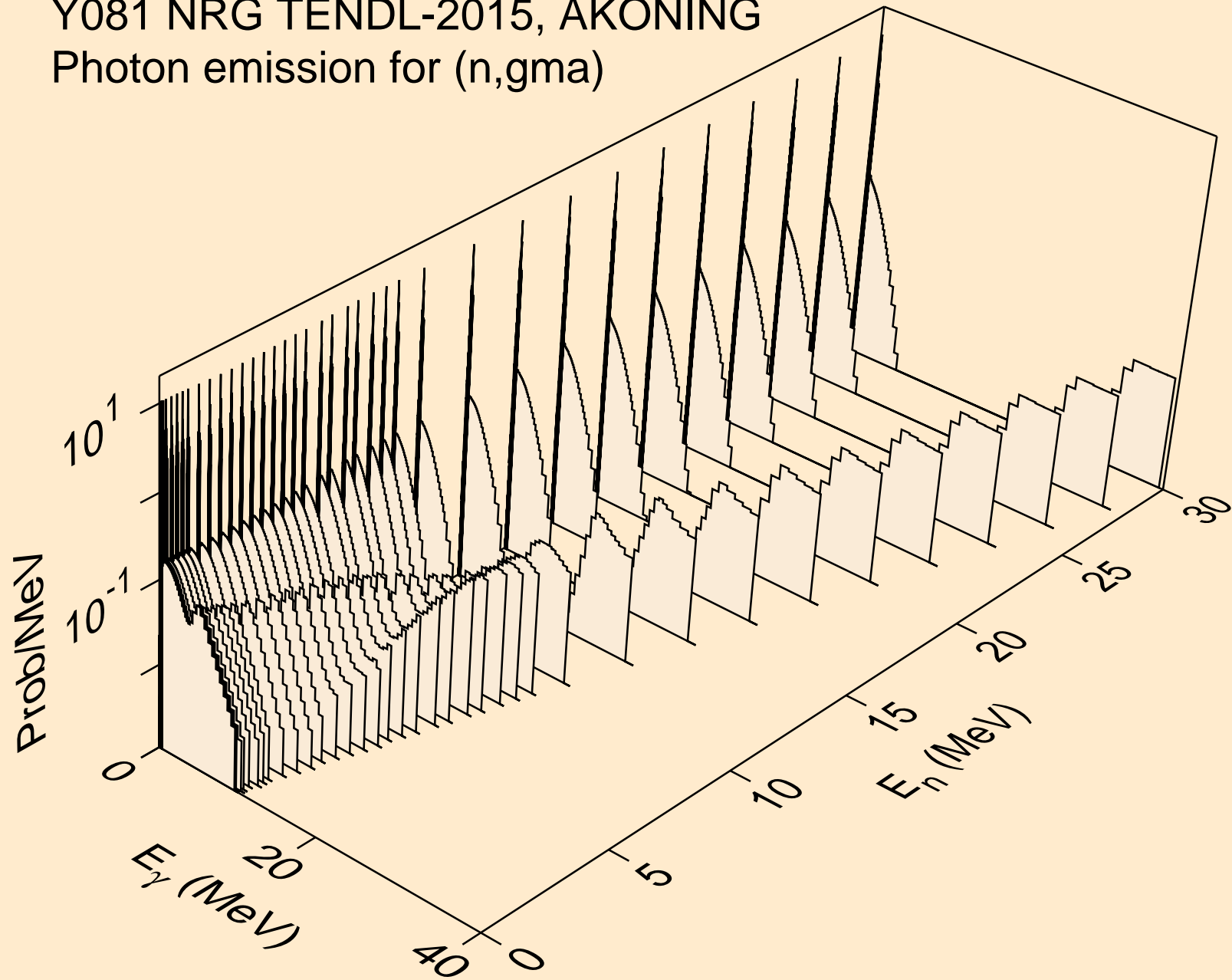


Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

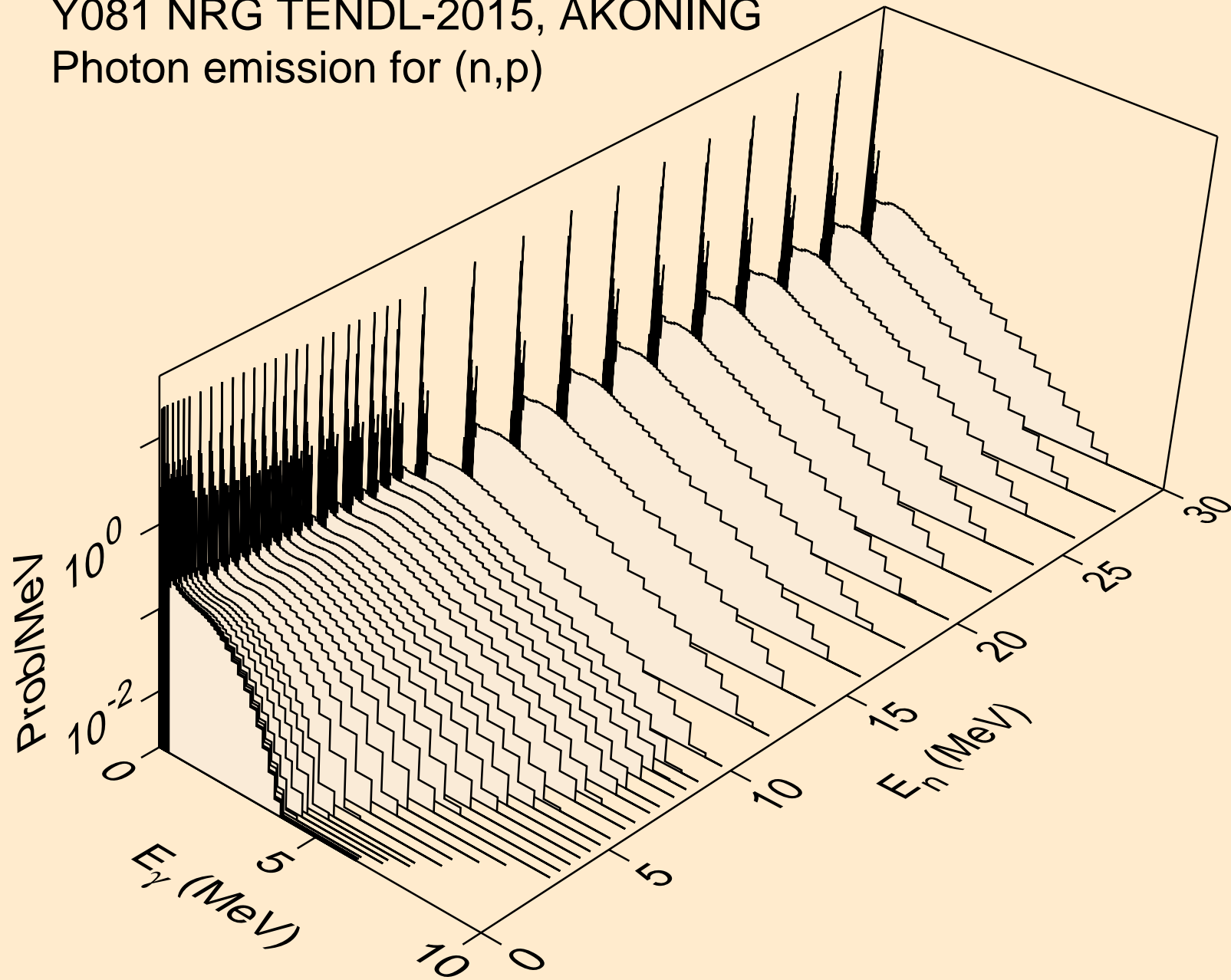




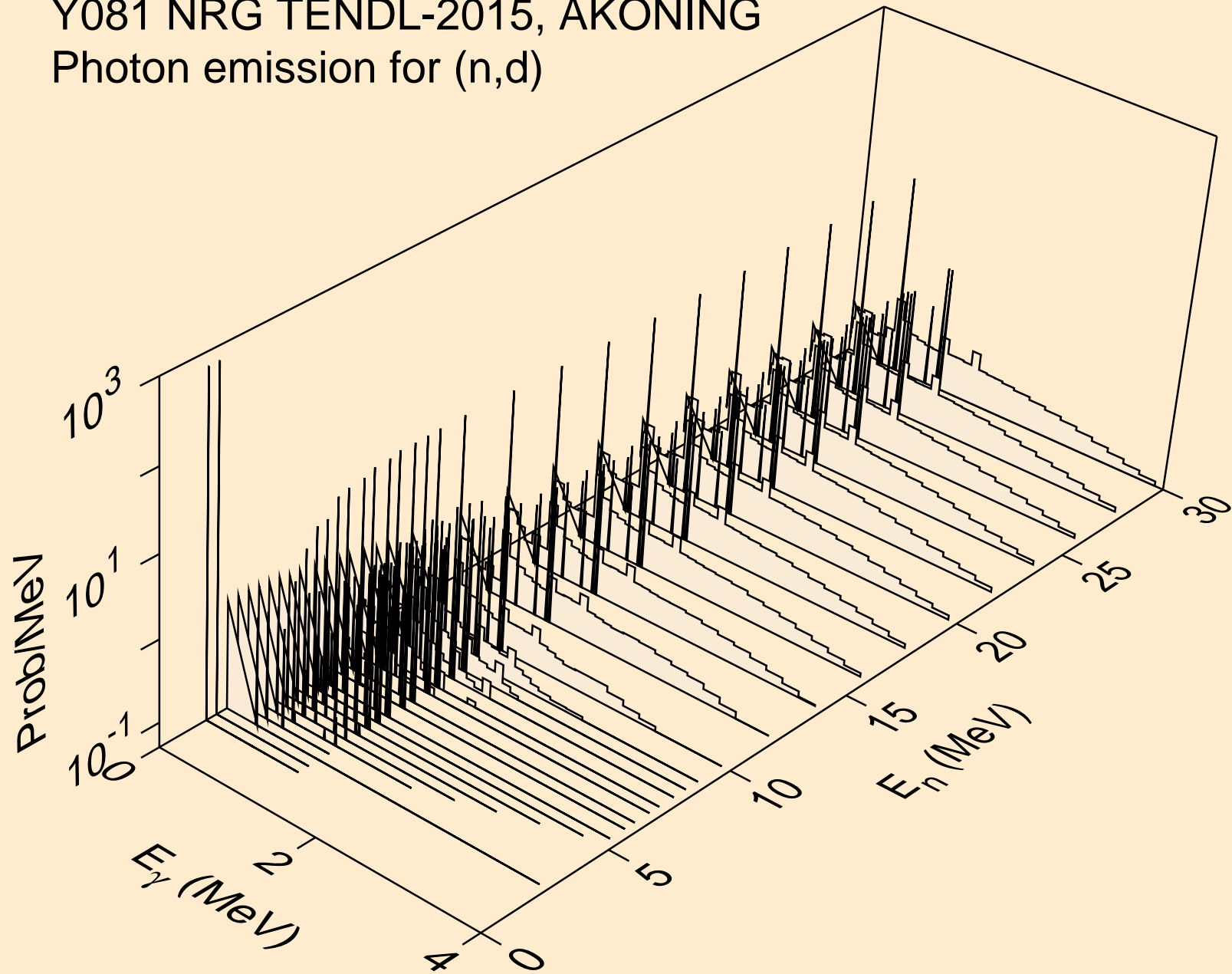
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



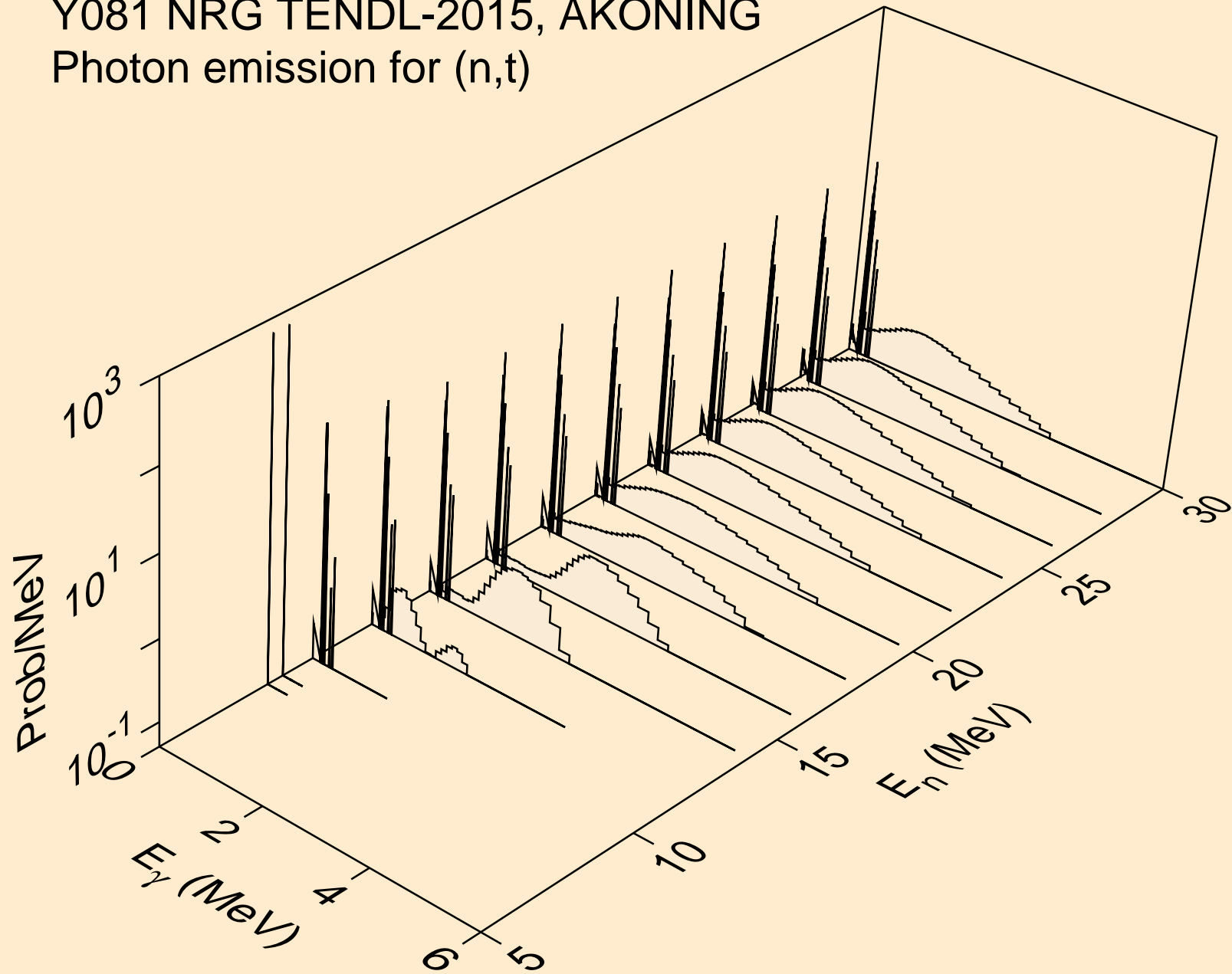
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



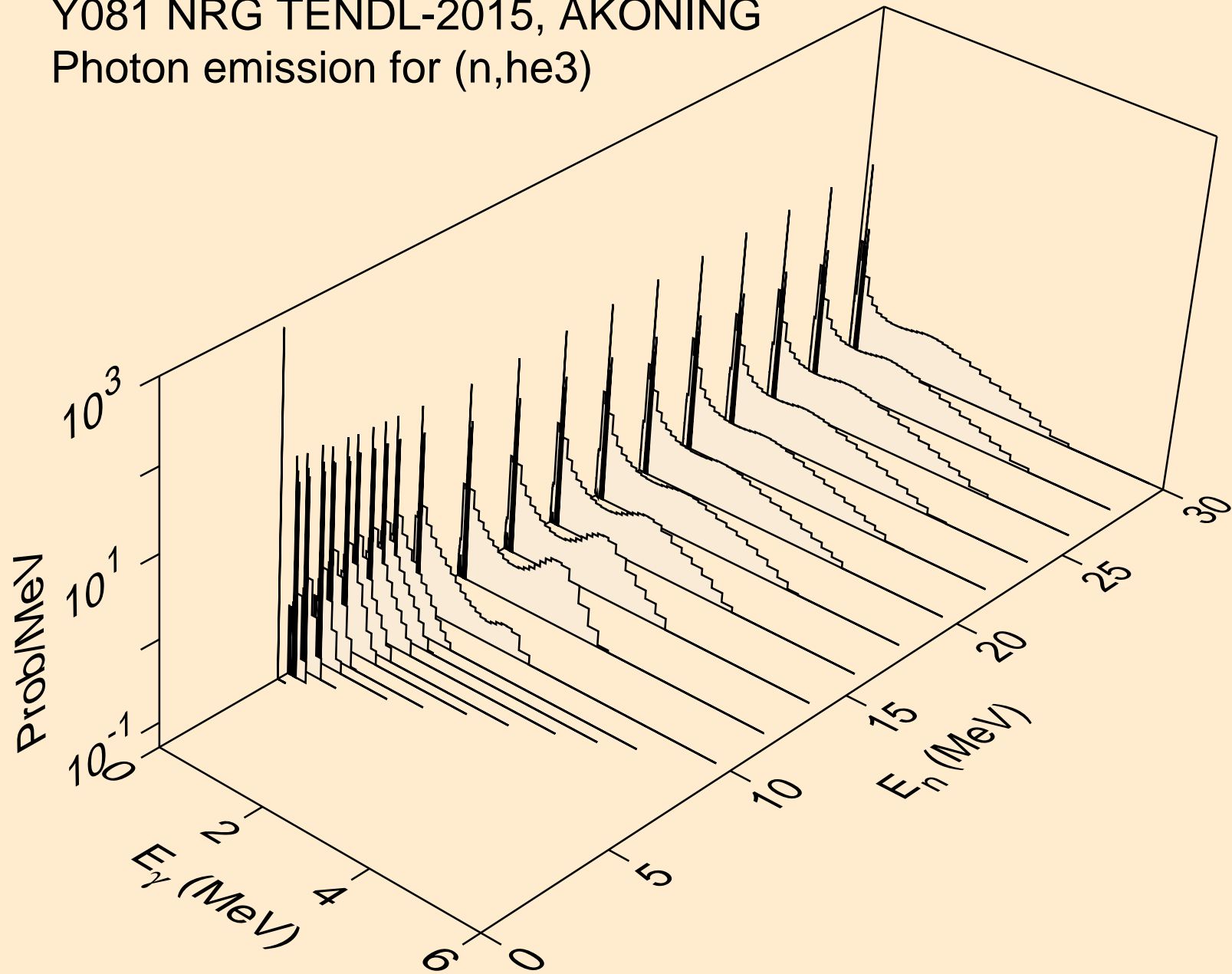
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



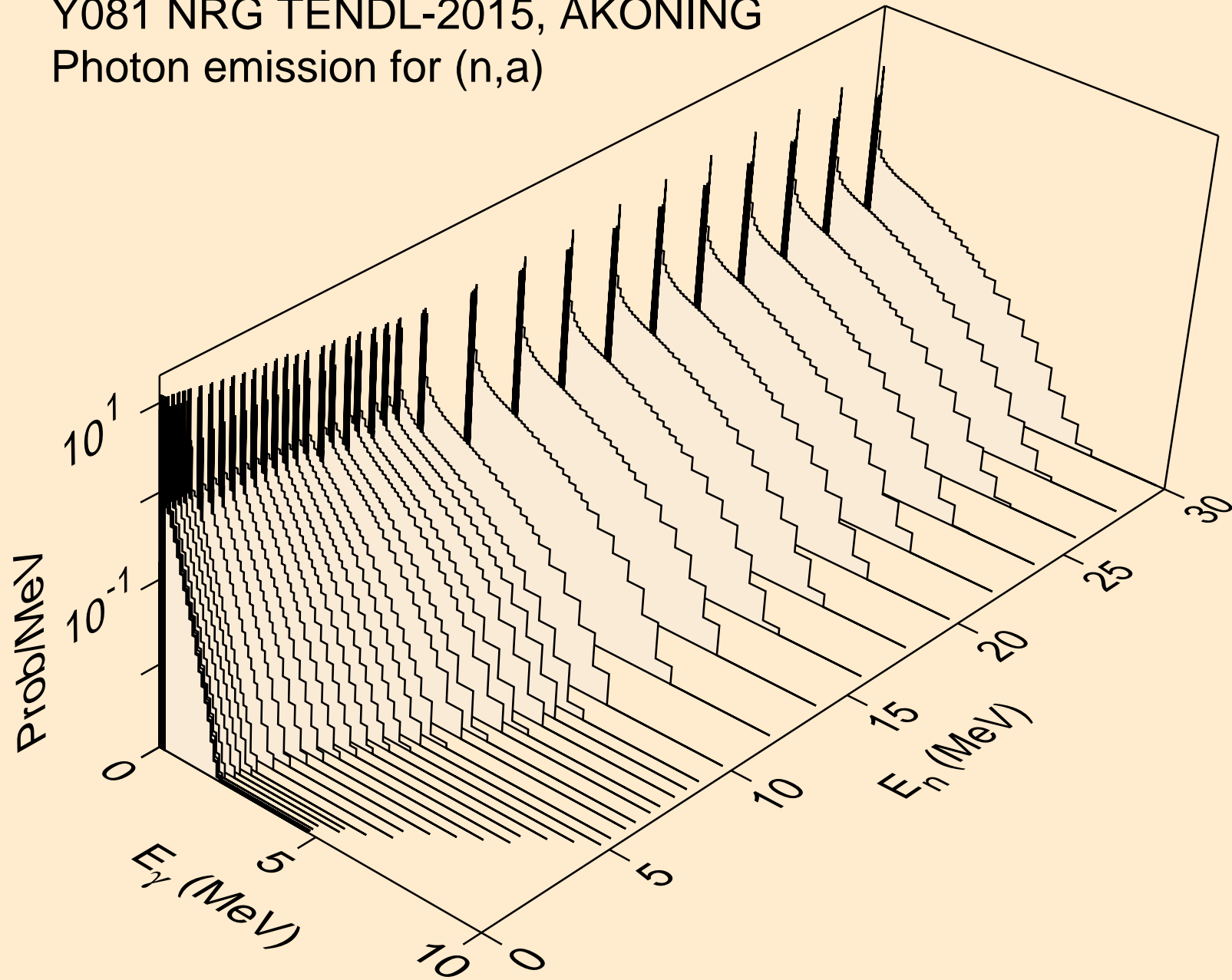
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



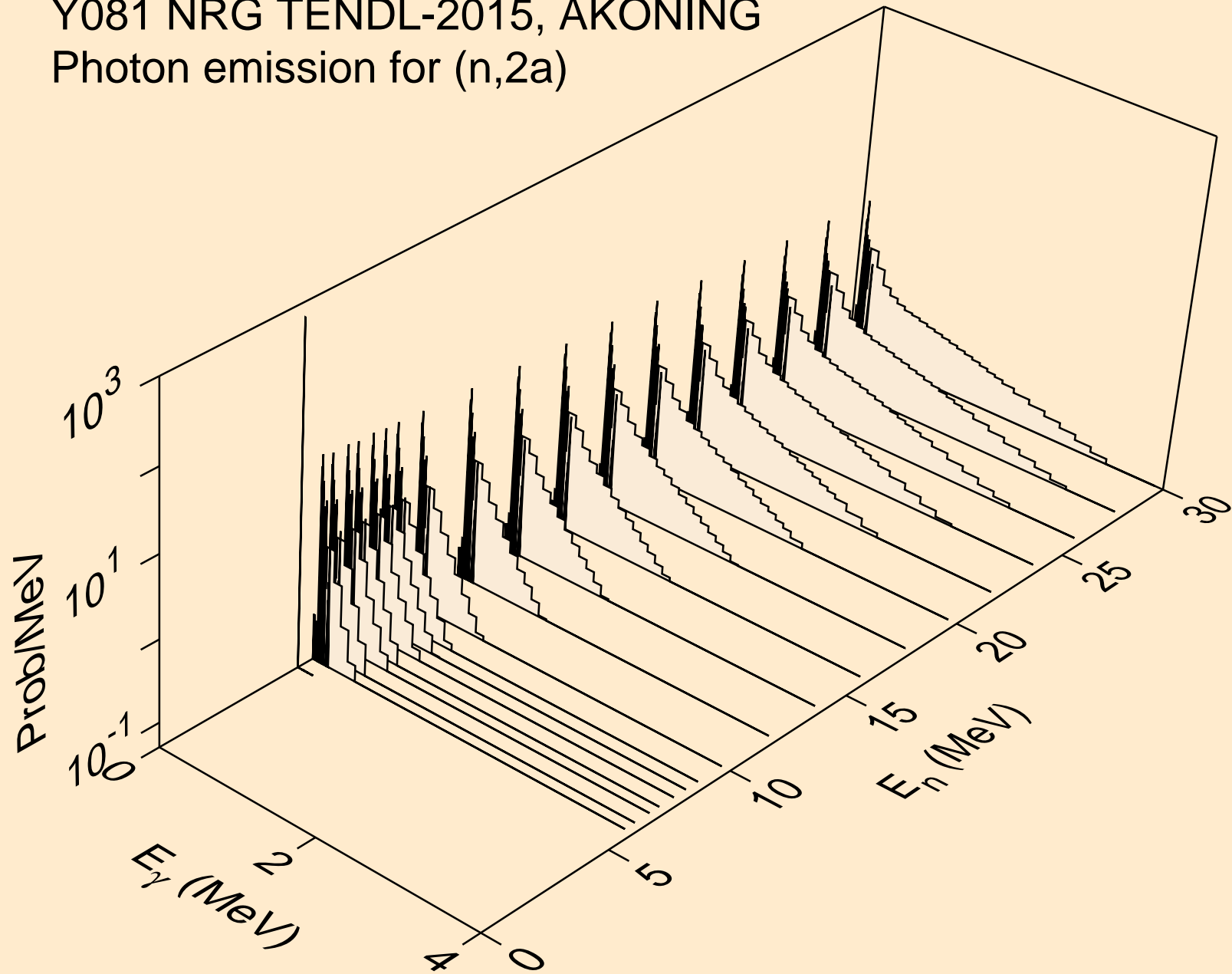
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



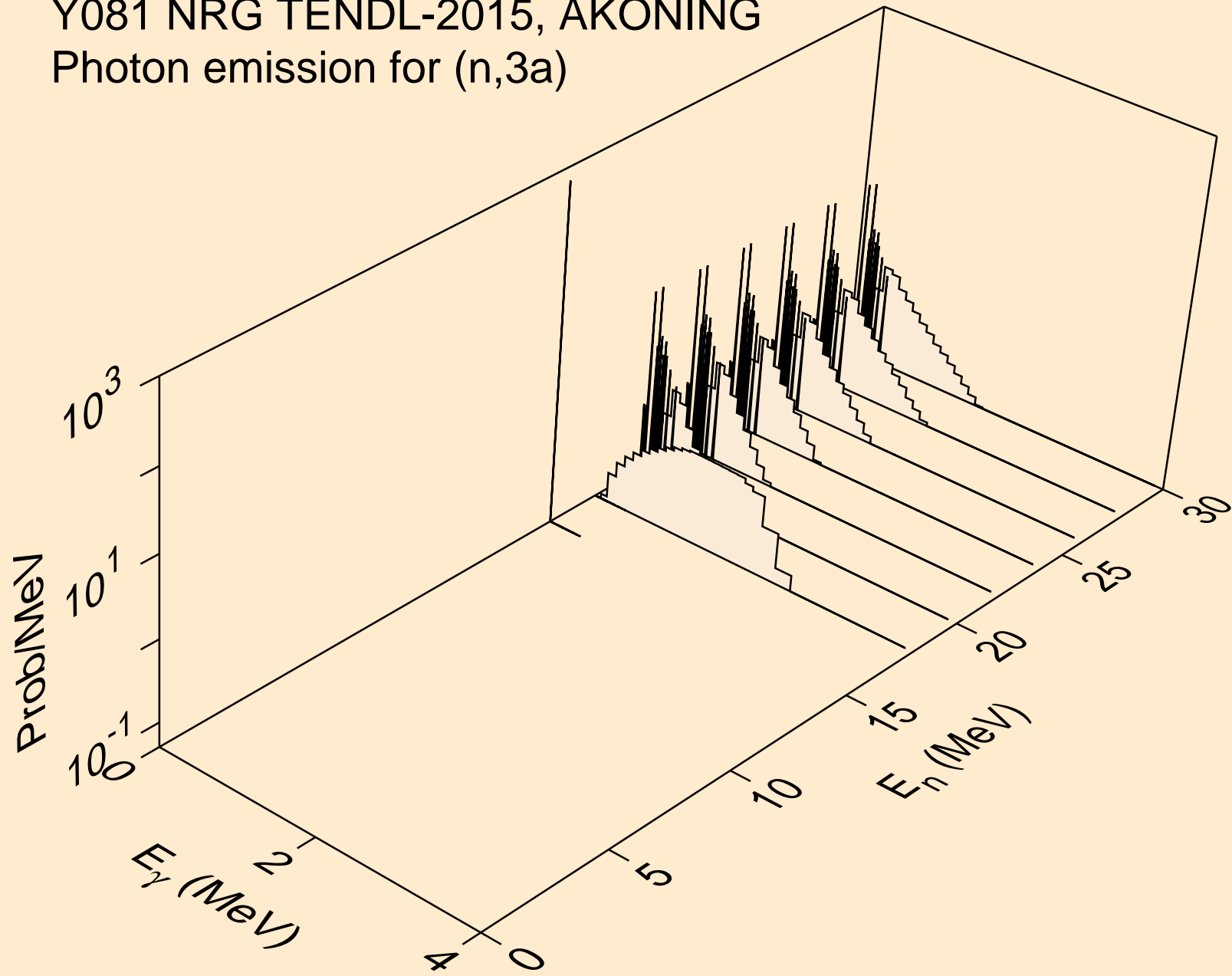
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

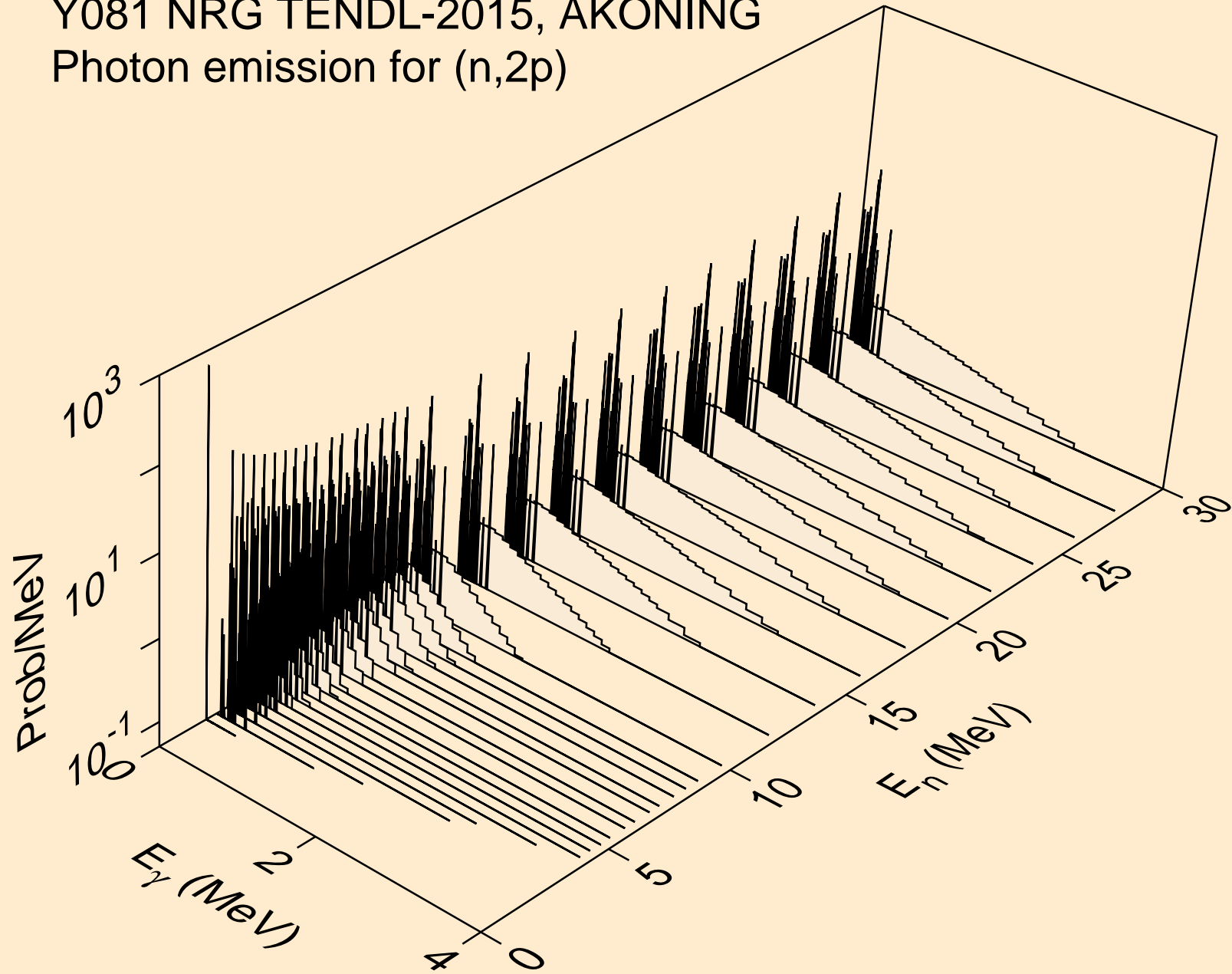


Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

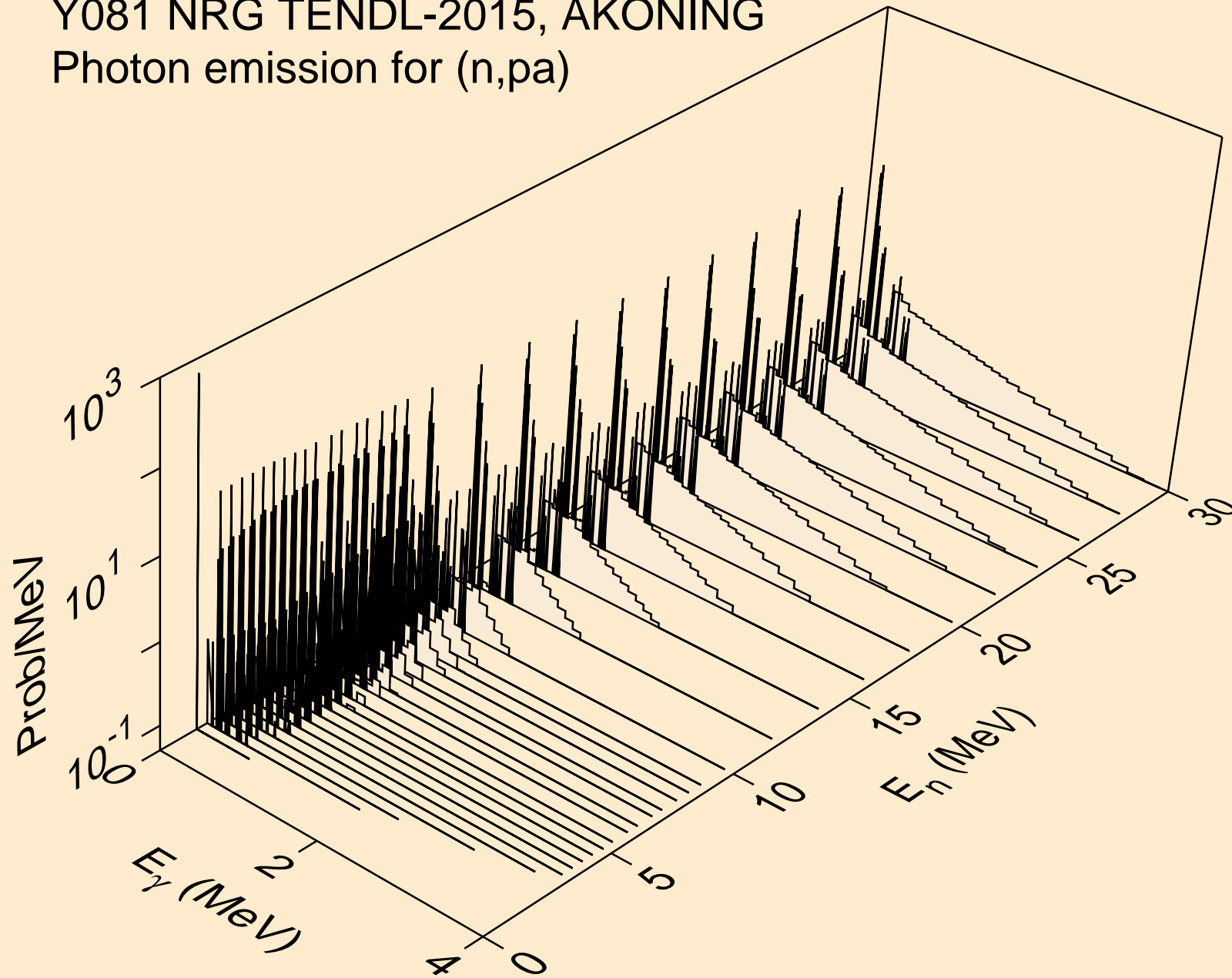




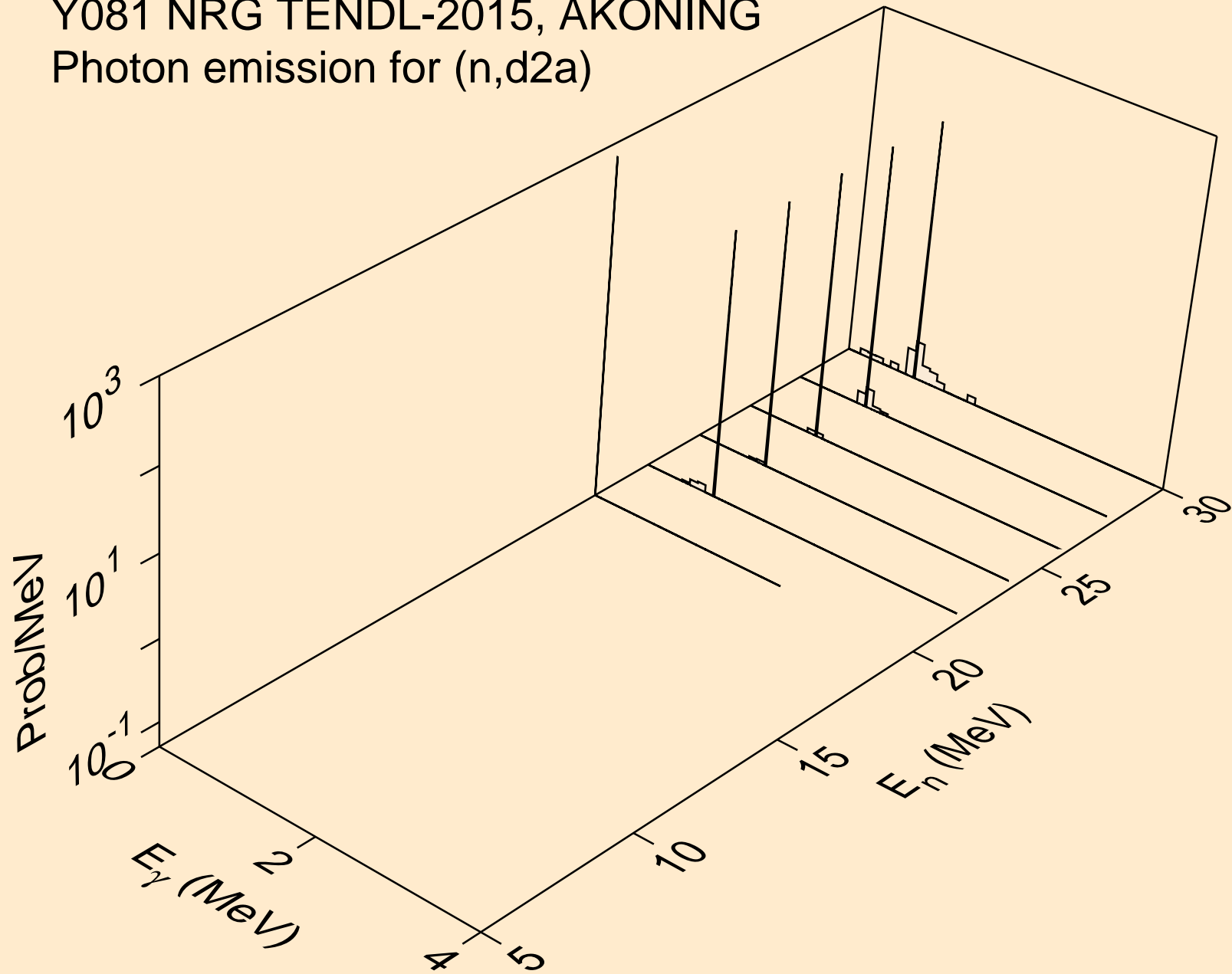
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



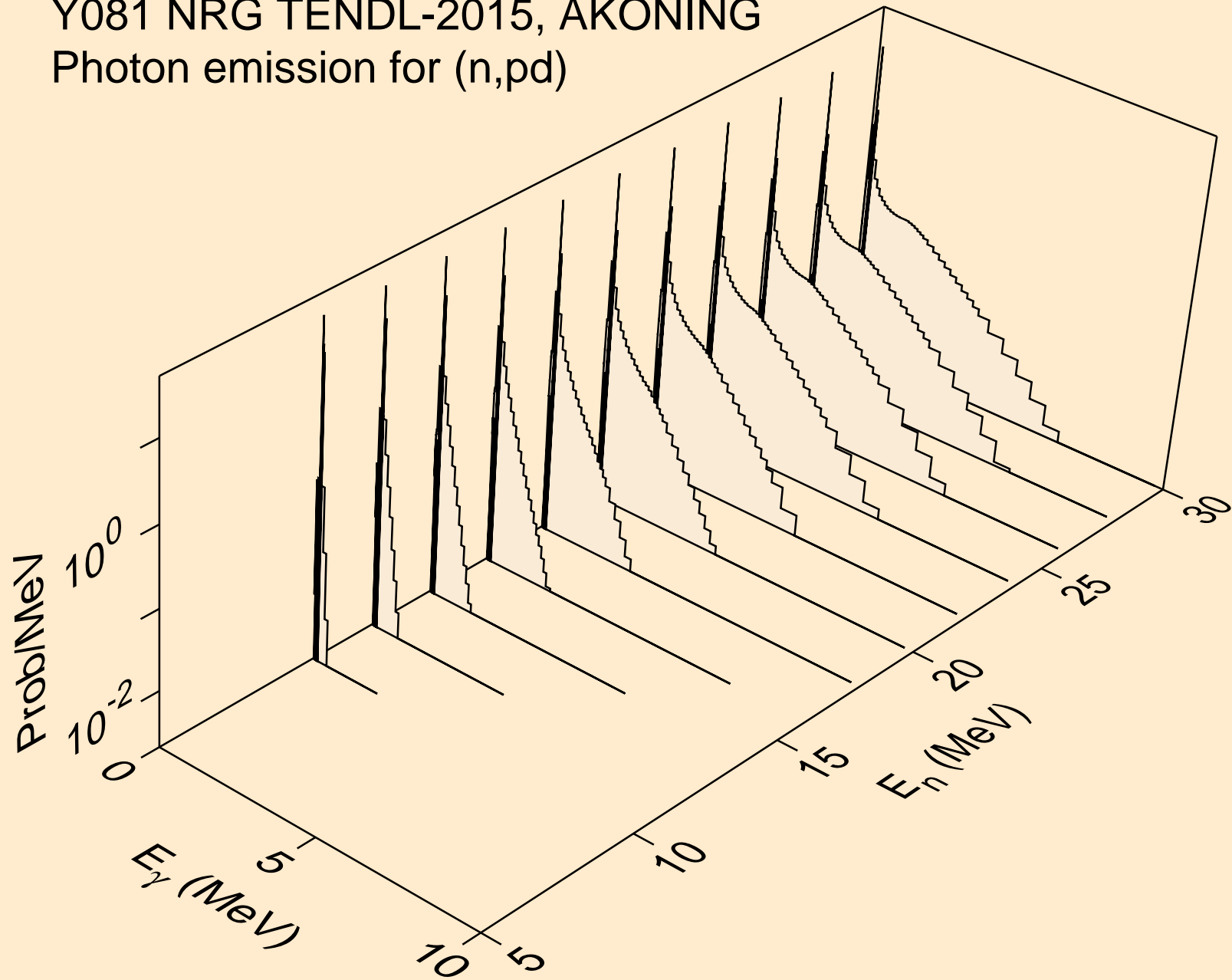
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Photon emission for (n,p $\alpha$ )



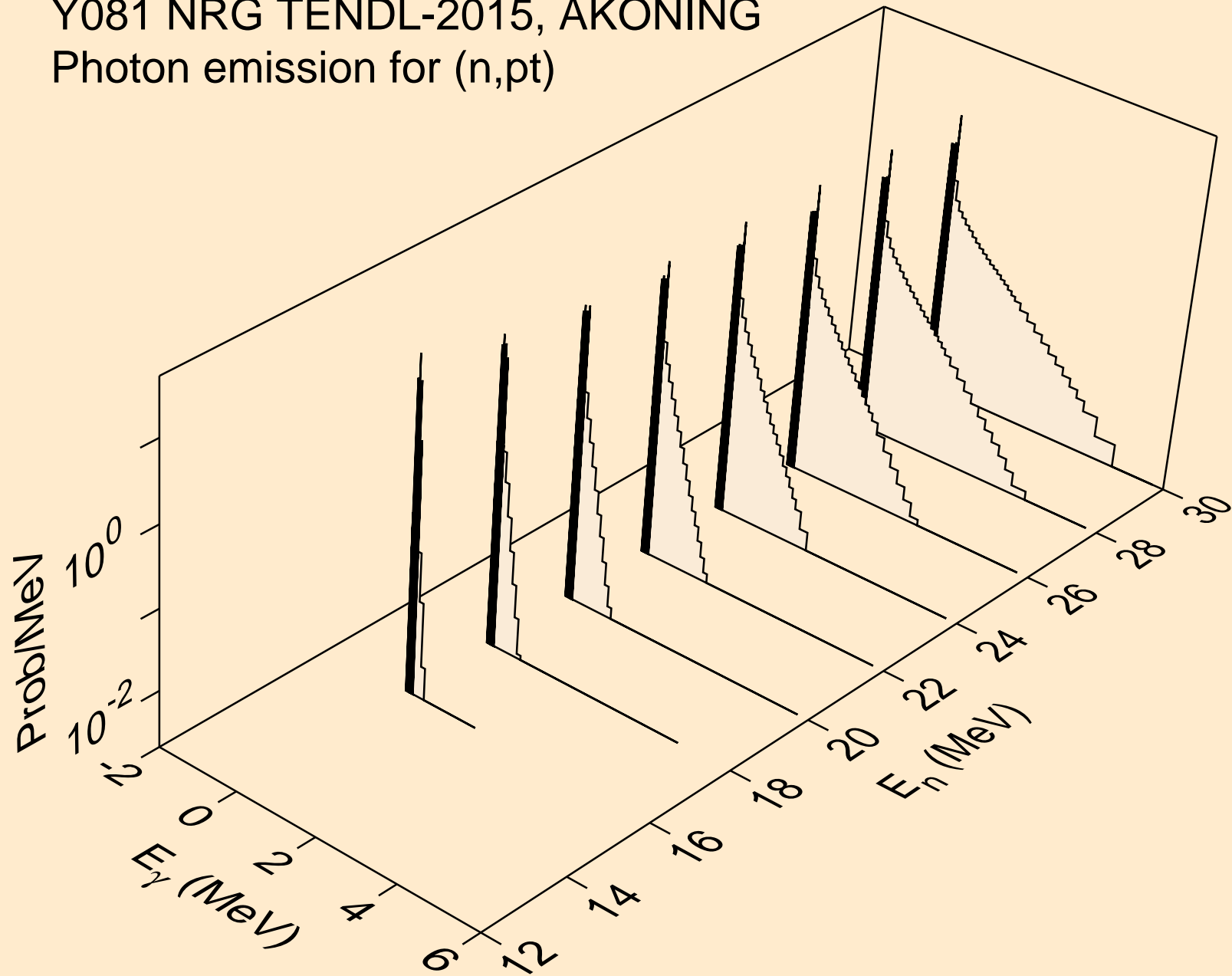
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Photon emission for (n,d2a)



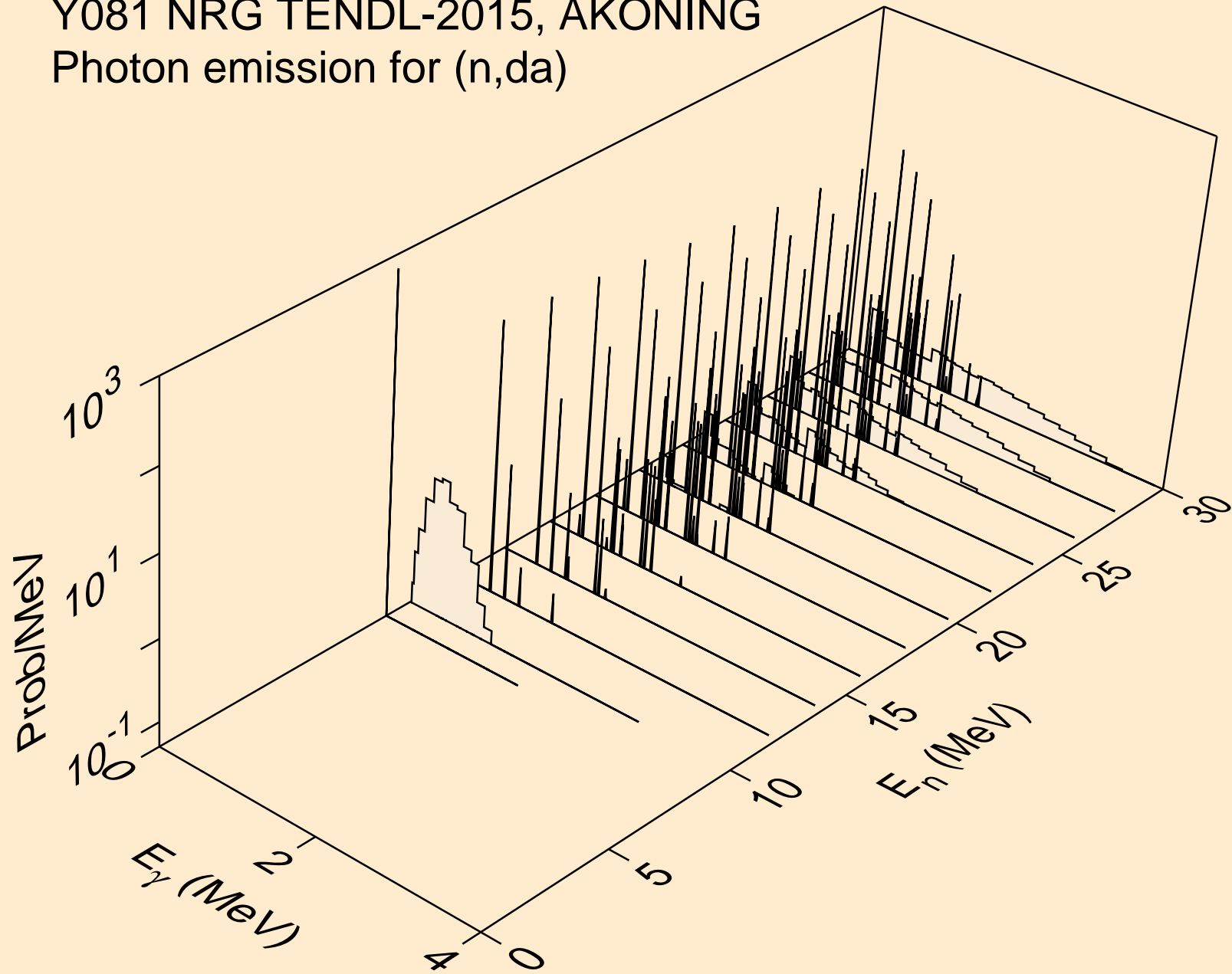
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



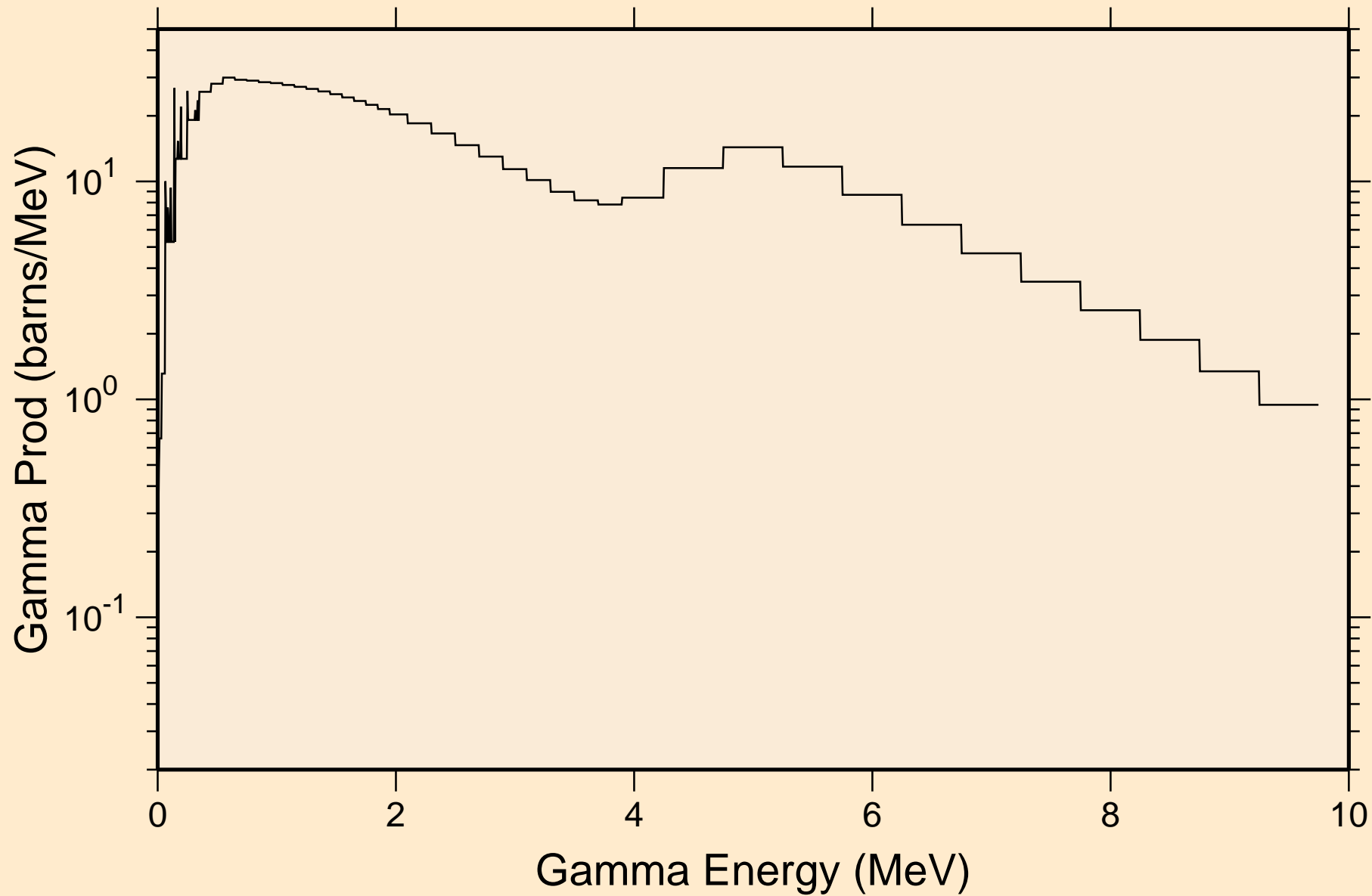
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



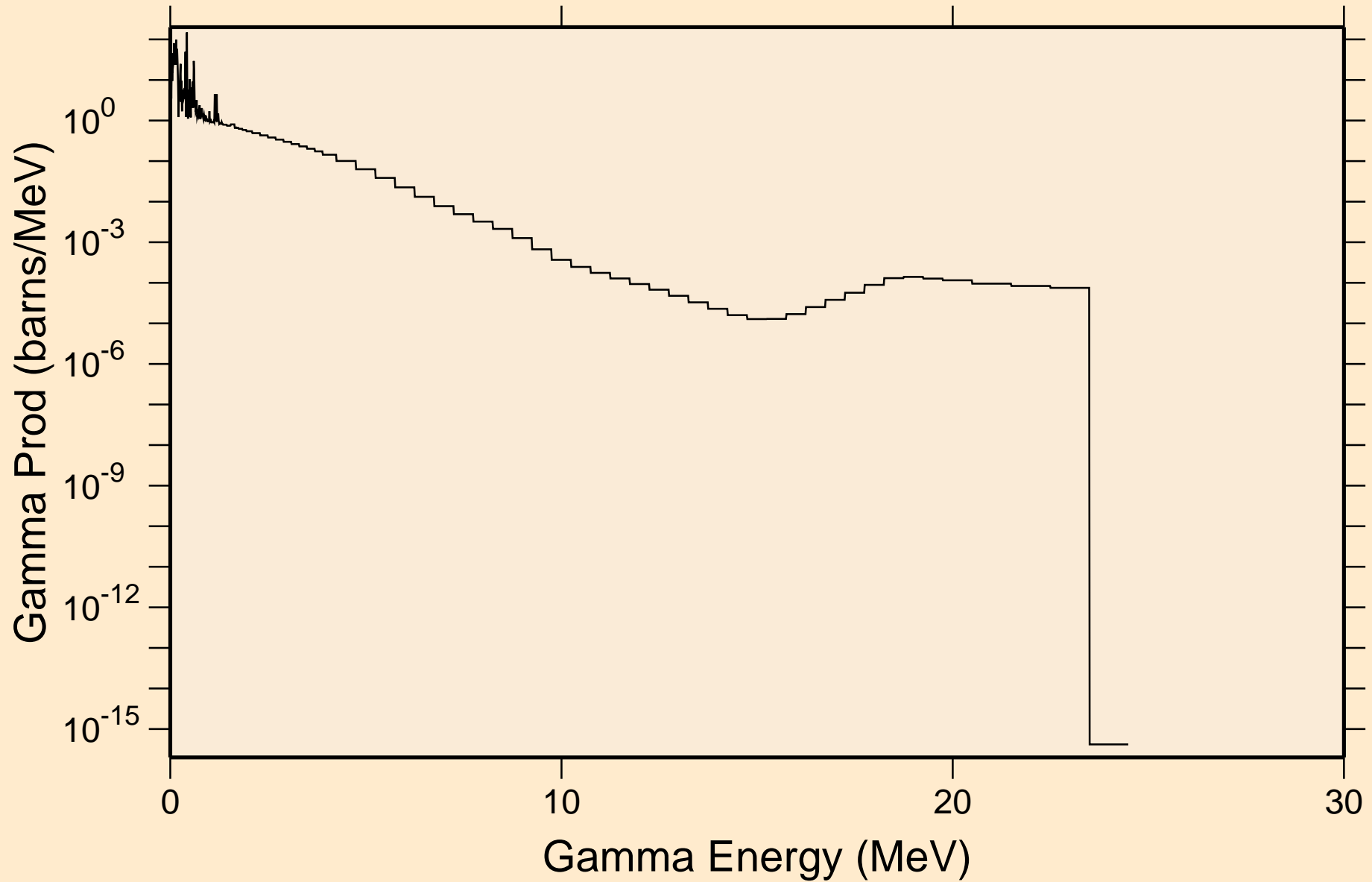
Y081 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



Y081 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



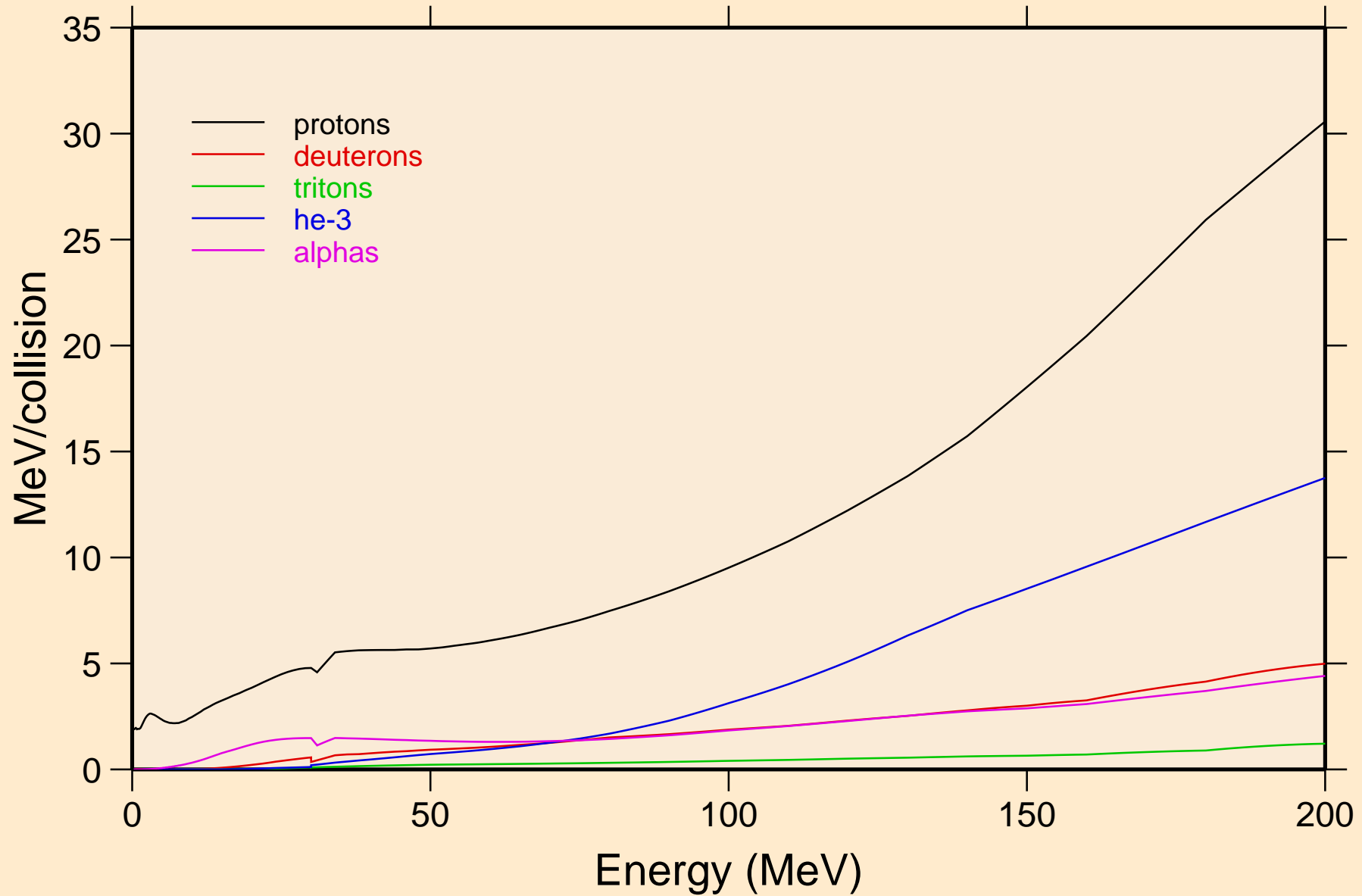
Y081 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





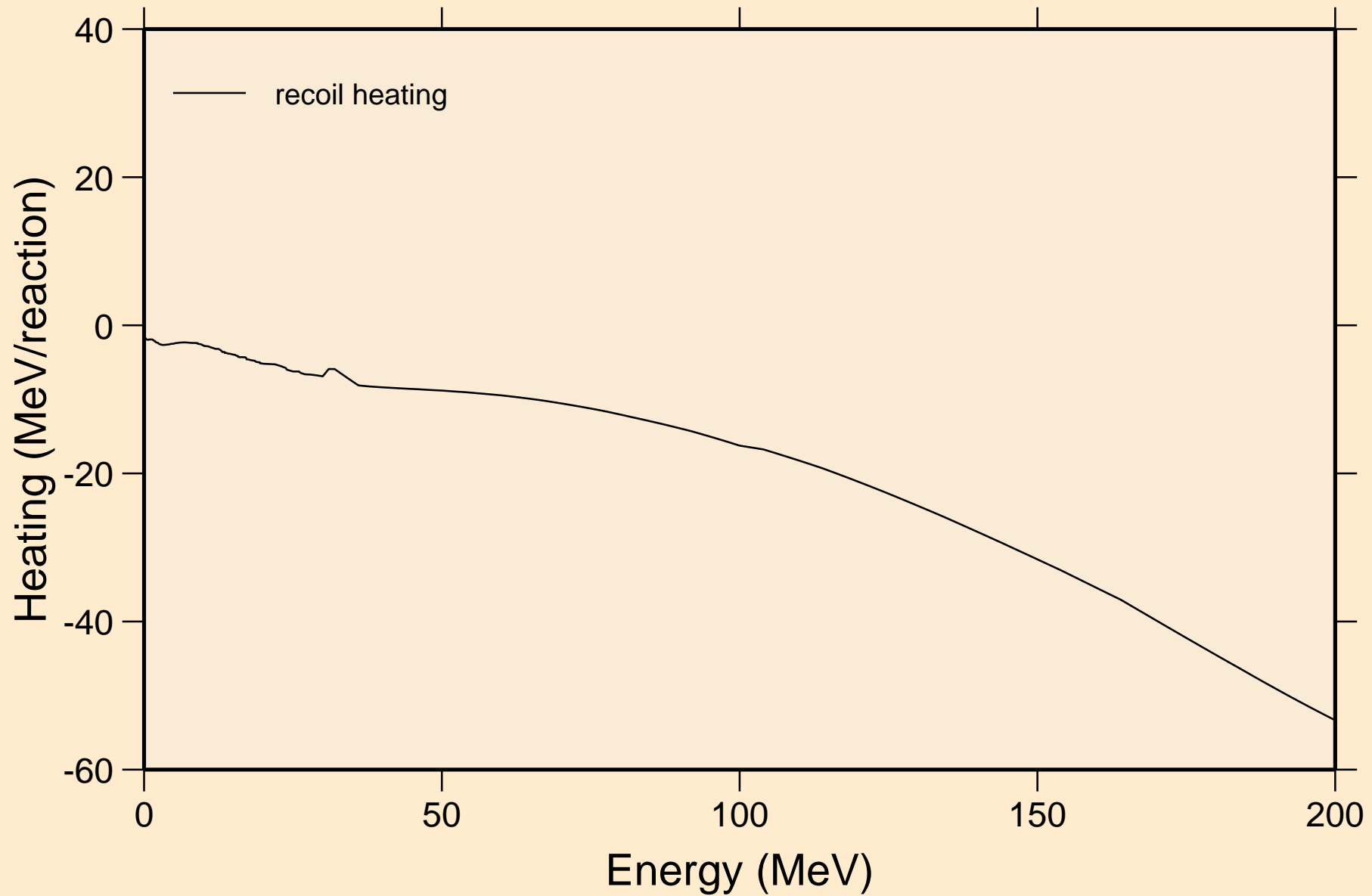
# Y081 NRG TENDL-2015, AKONING

## Particle heating contributions



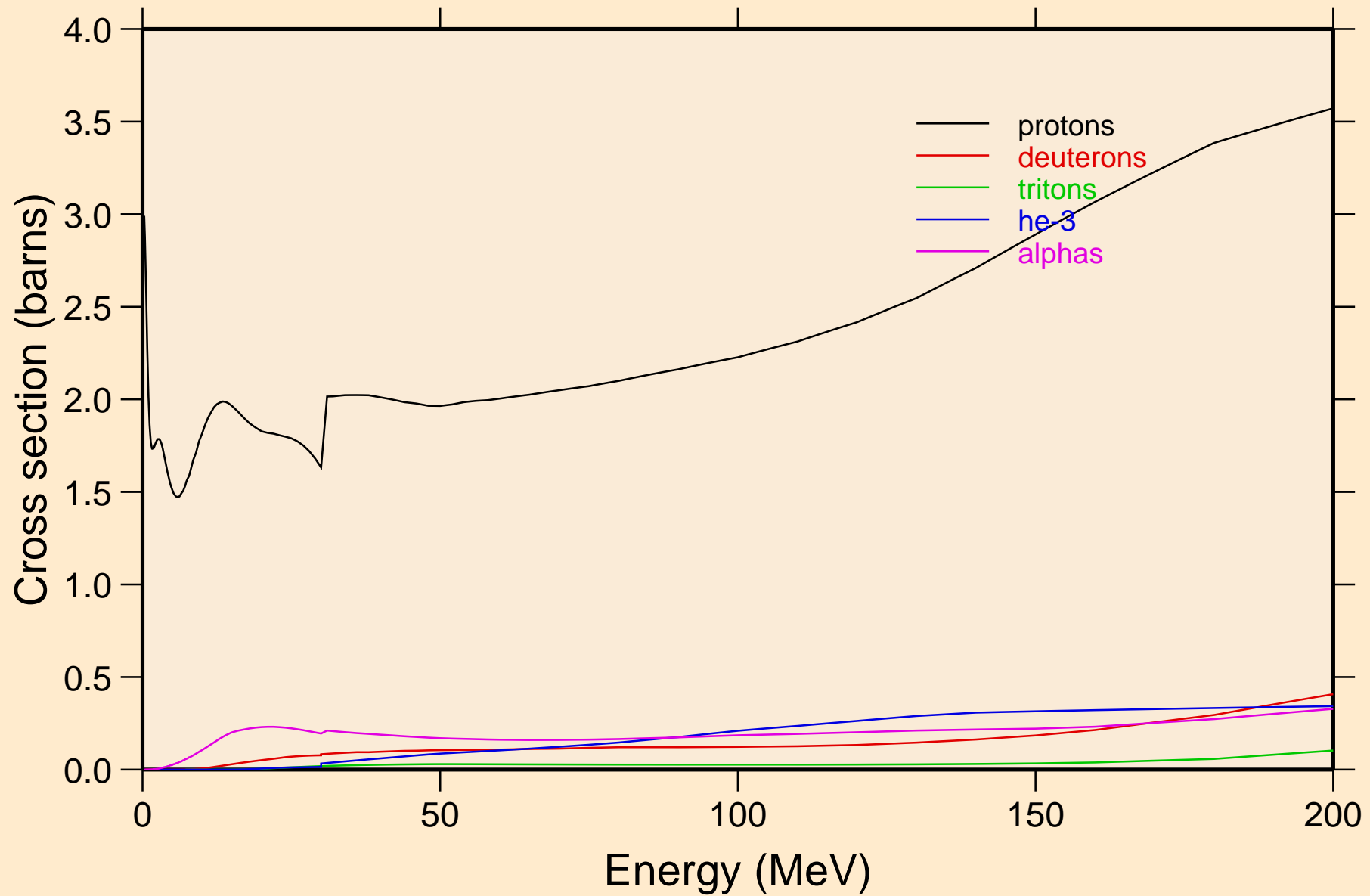
# Y081 NRG TENDL-2015, AKONING

## Recoil Heating

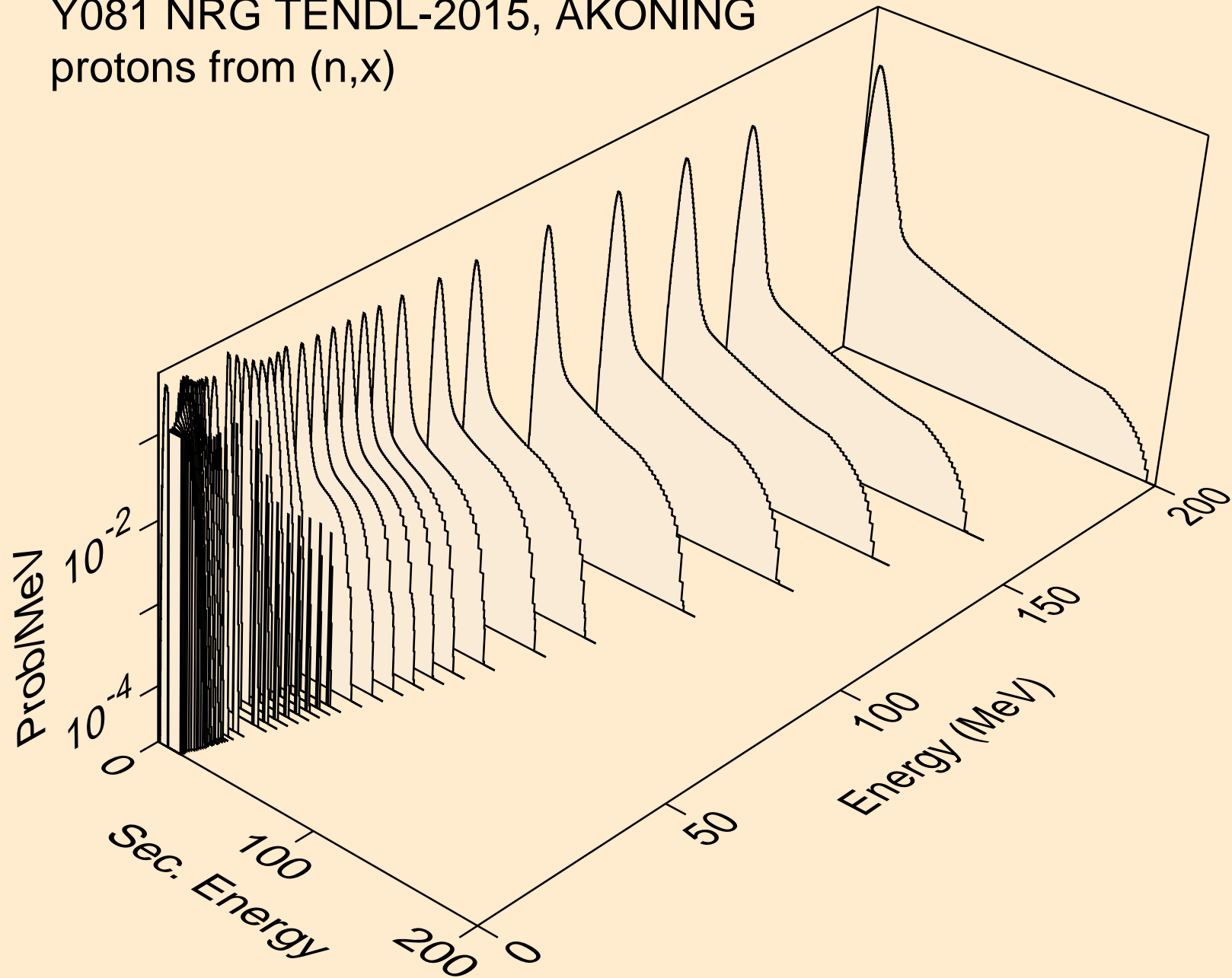


# Y081 NRG TENDL-2015, AKONING

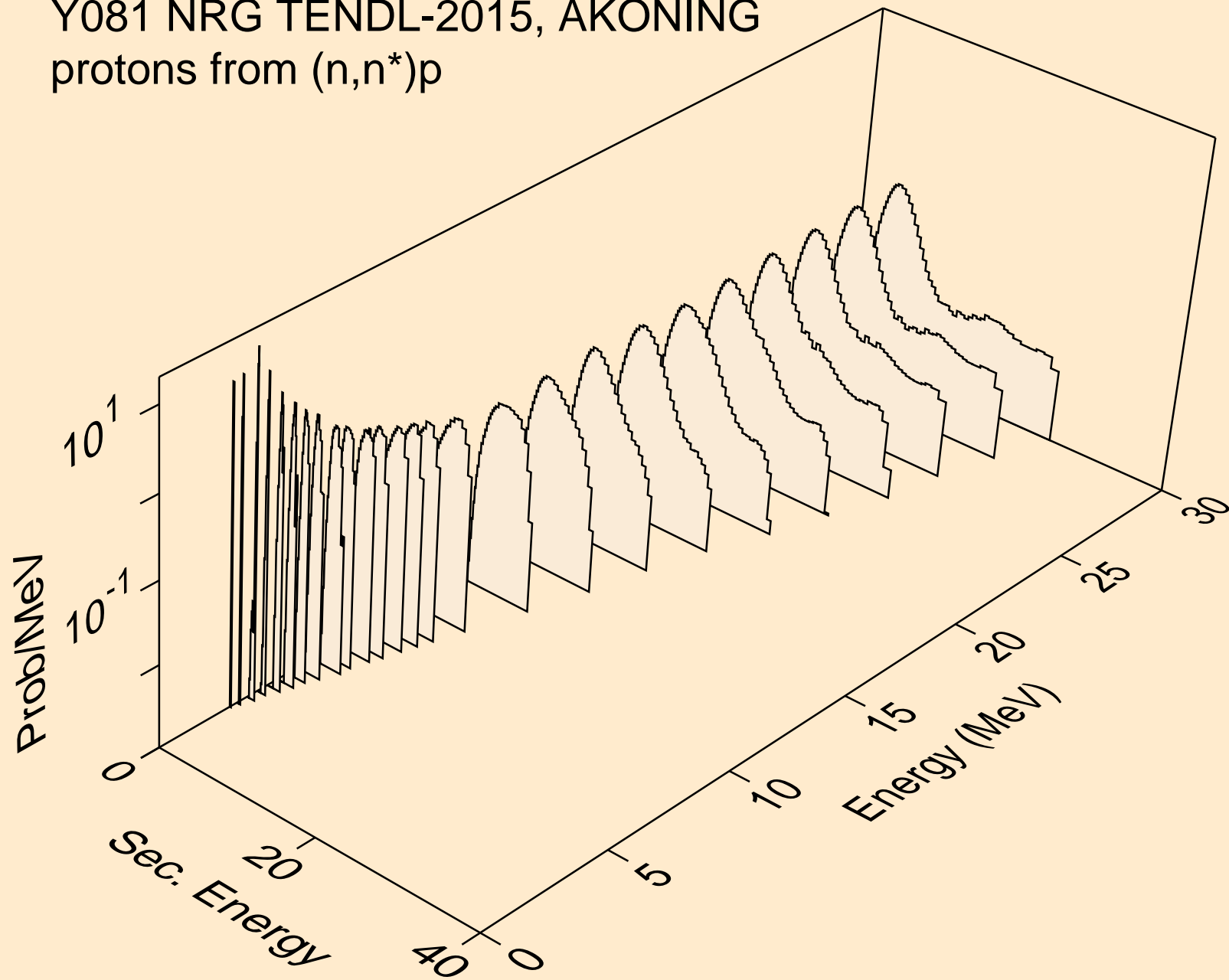
## Particle production cross sections



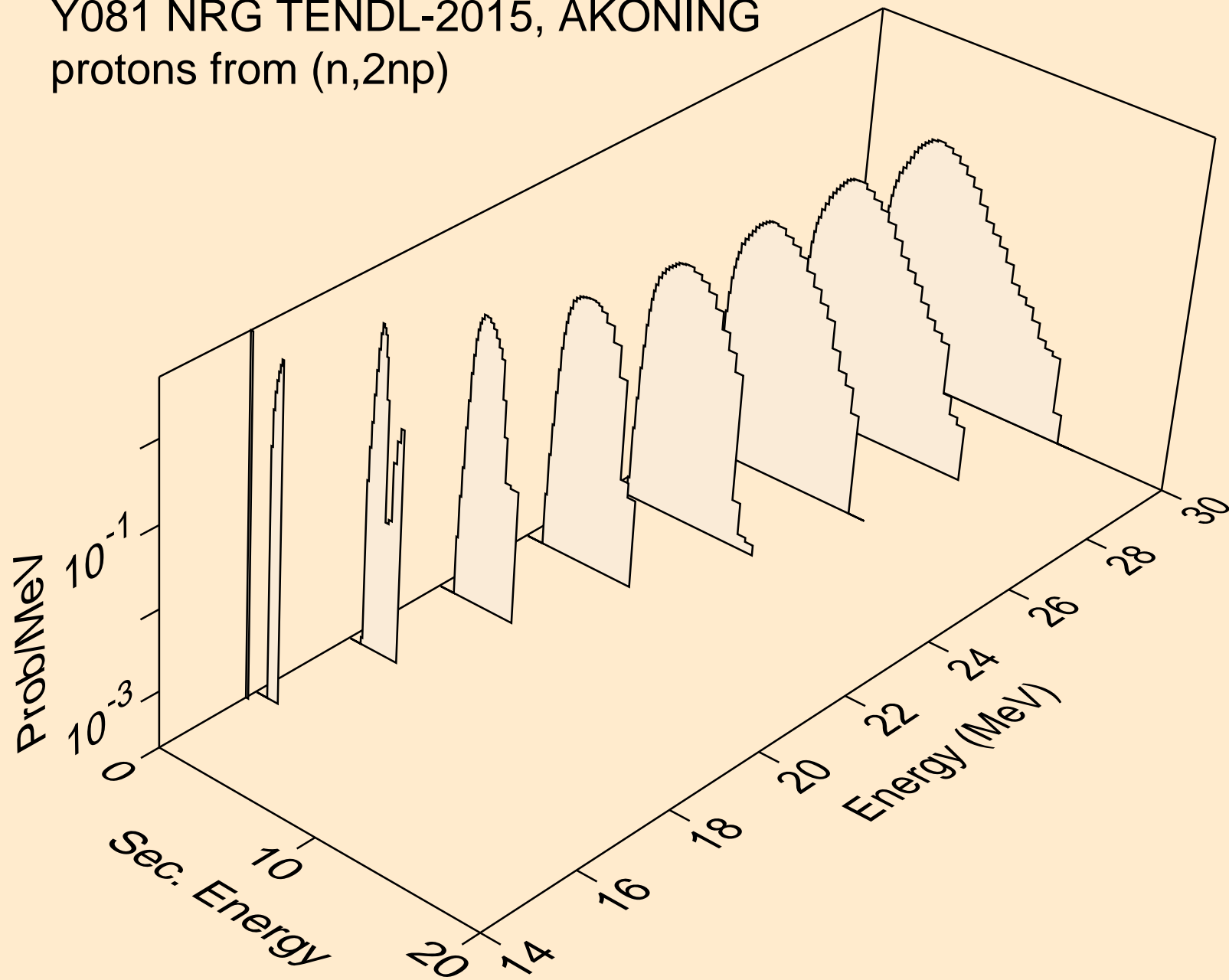
Y081 NRG TENDL-2015, AKONING  
protons from (n,x)



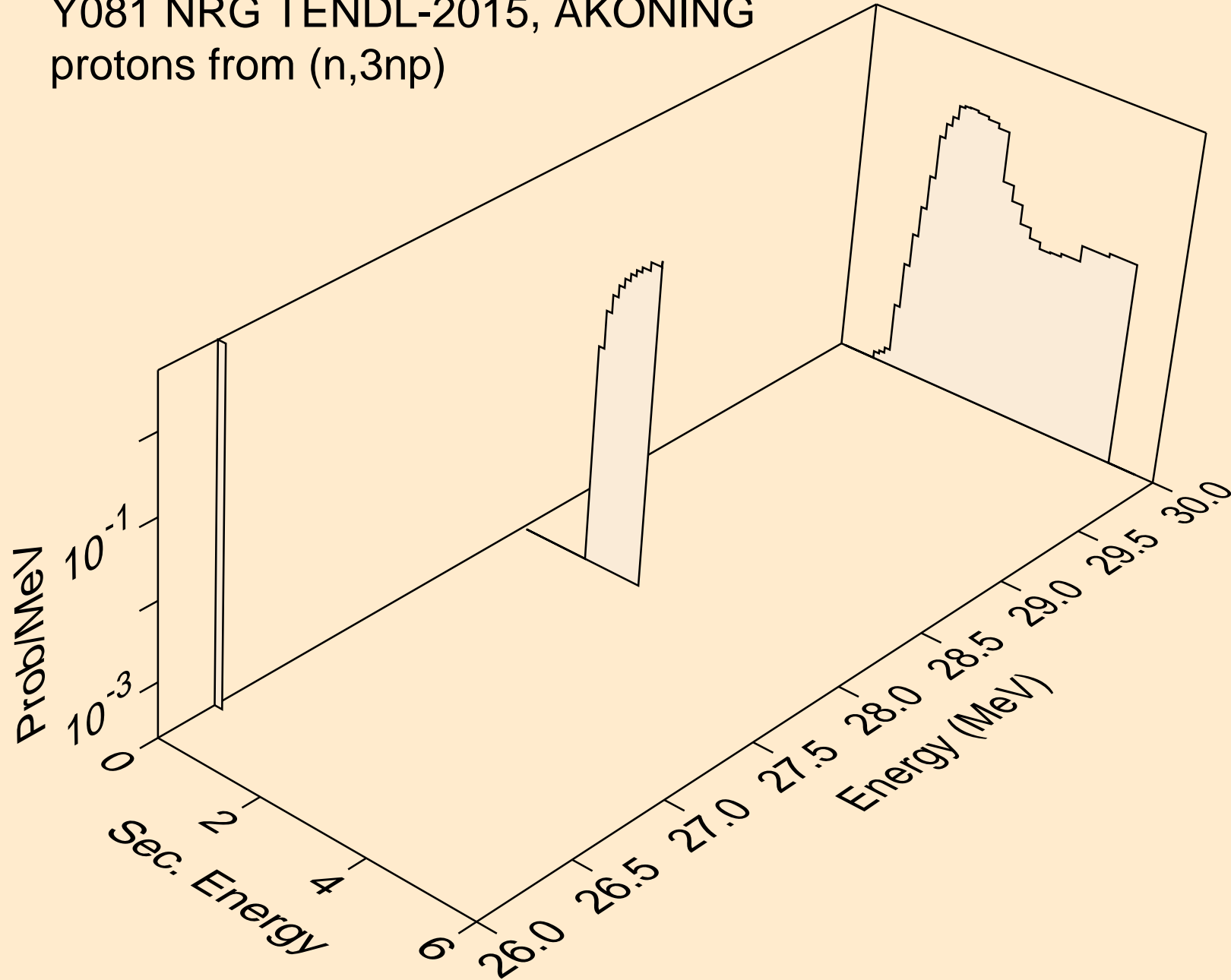
Y081 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



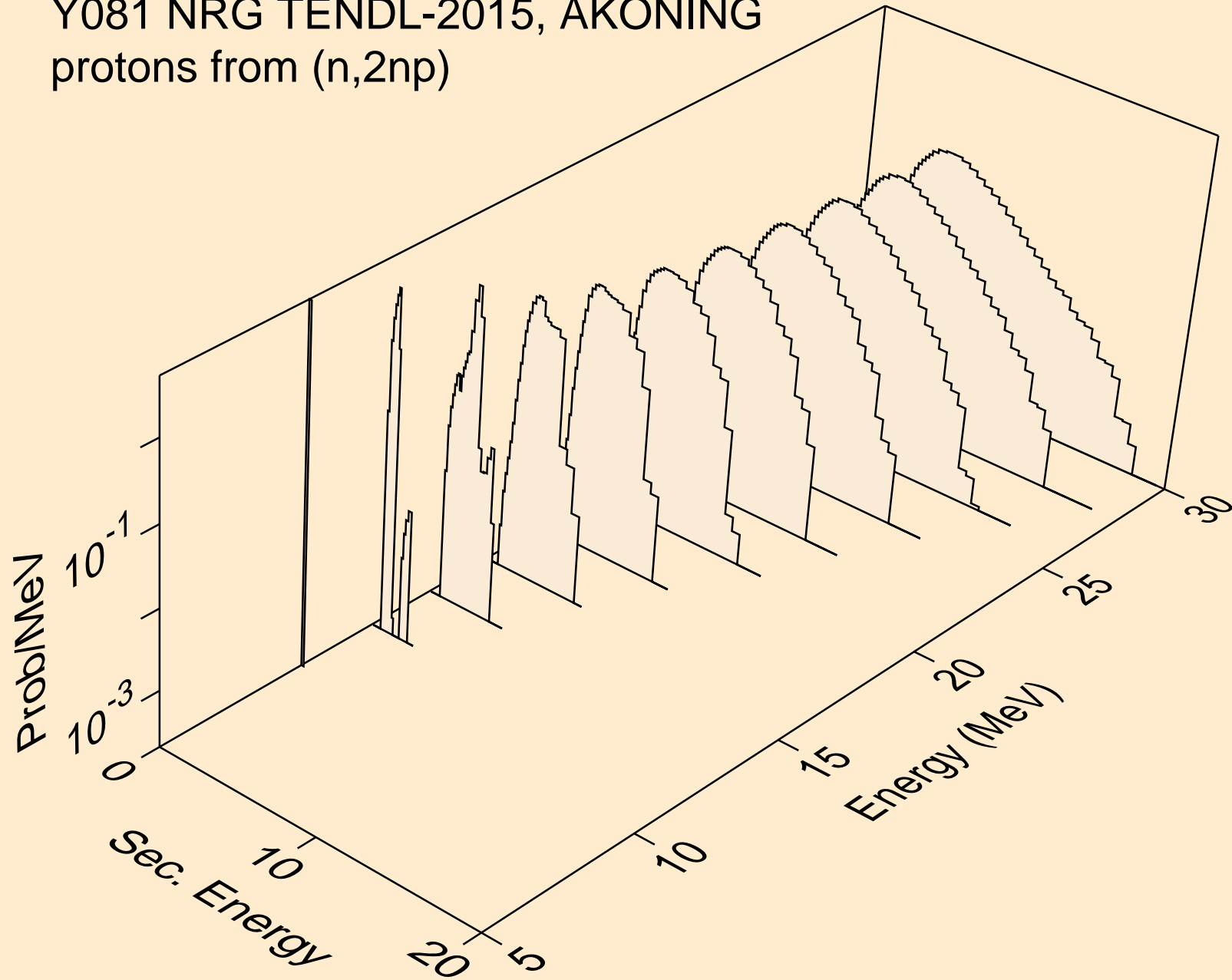
Y081 NRG TENDL-2015, AKONING  
protons from (n,2np)



Y081 NRG TENDL-2015, AKONING  
protons from (n,3np)

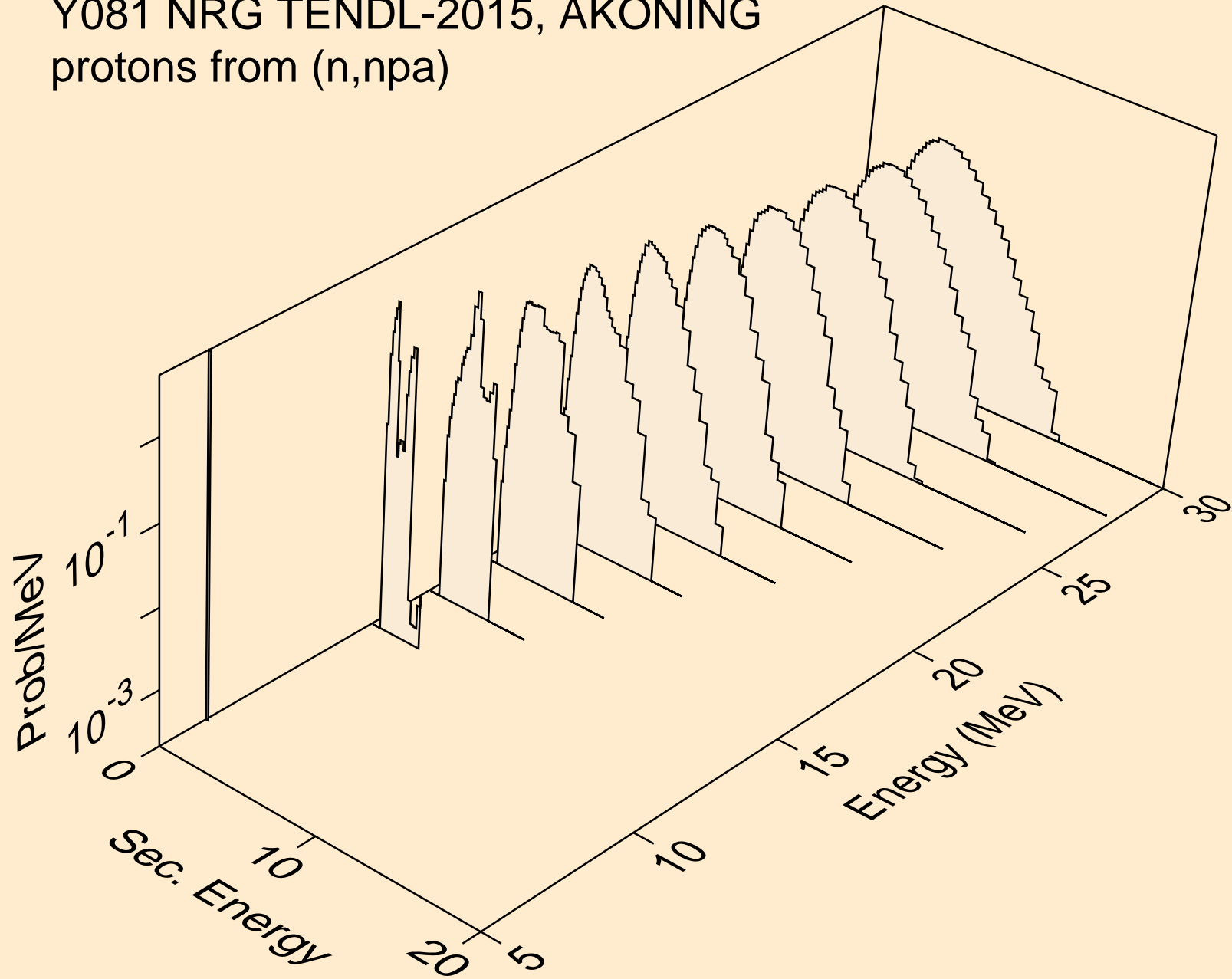


Y081 NRG TENDL-2015, AKONING  
protons from (n,2np)

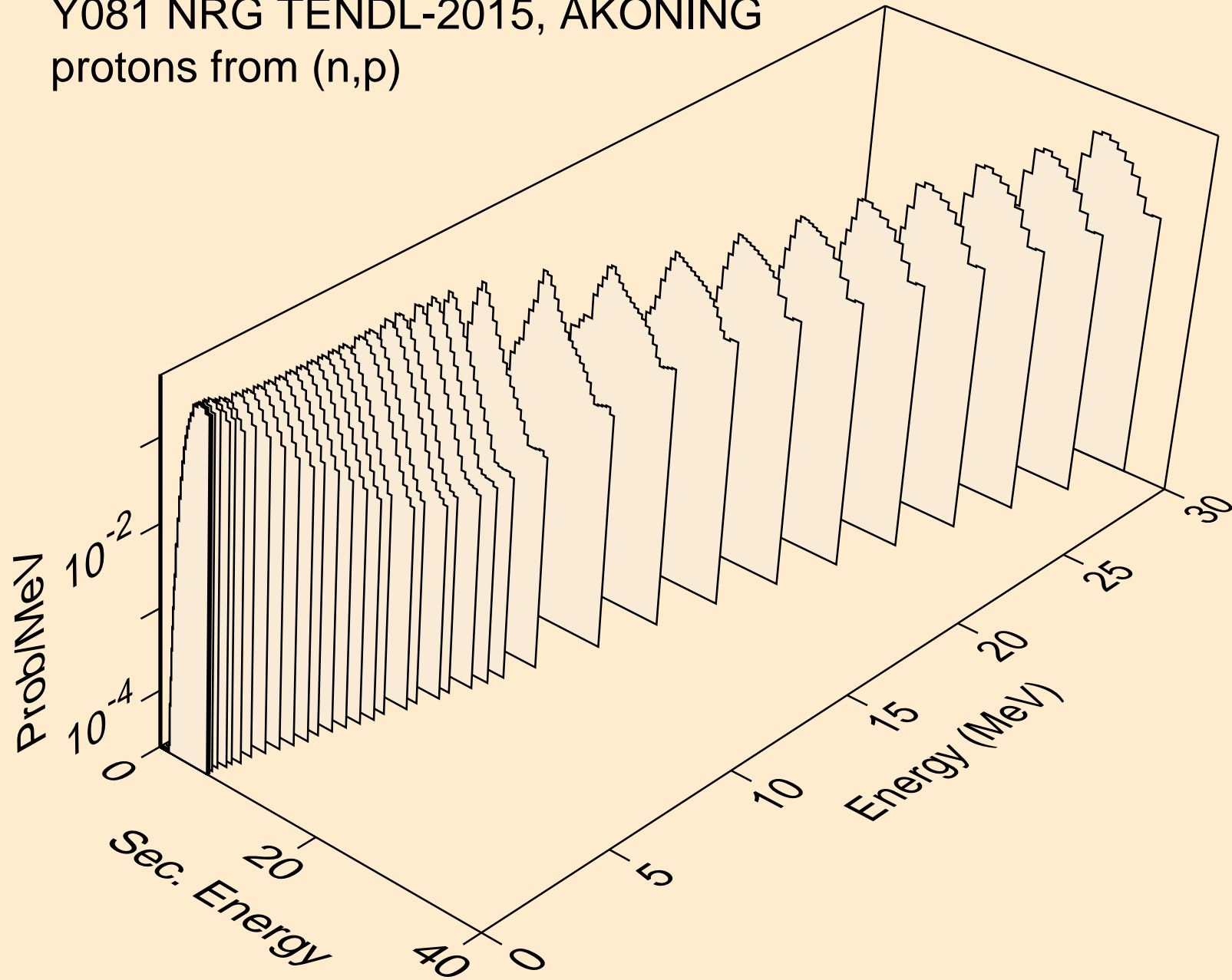




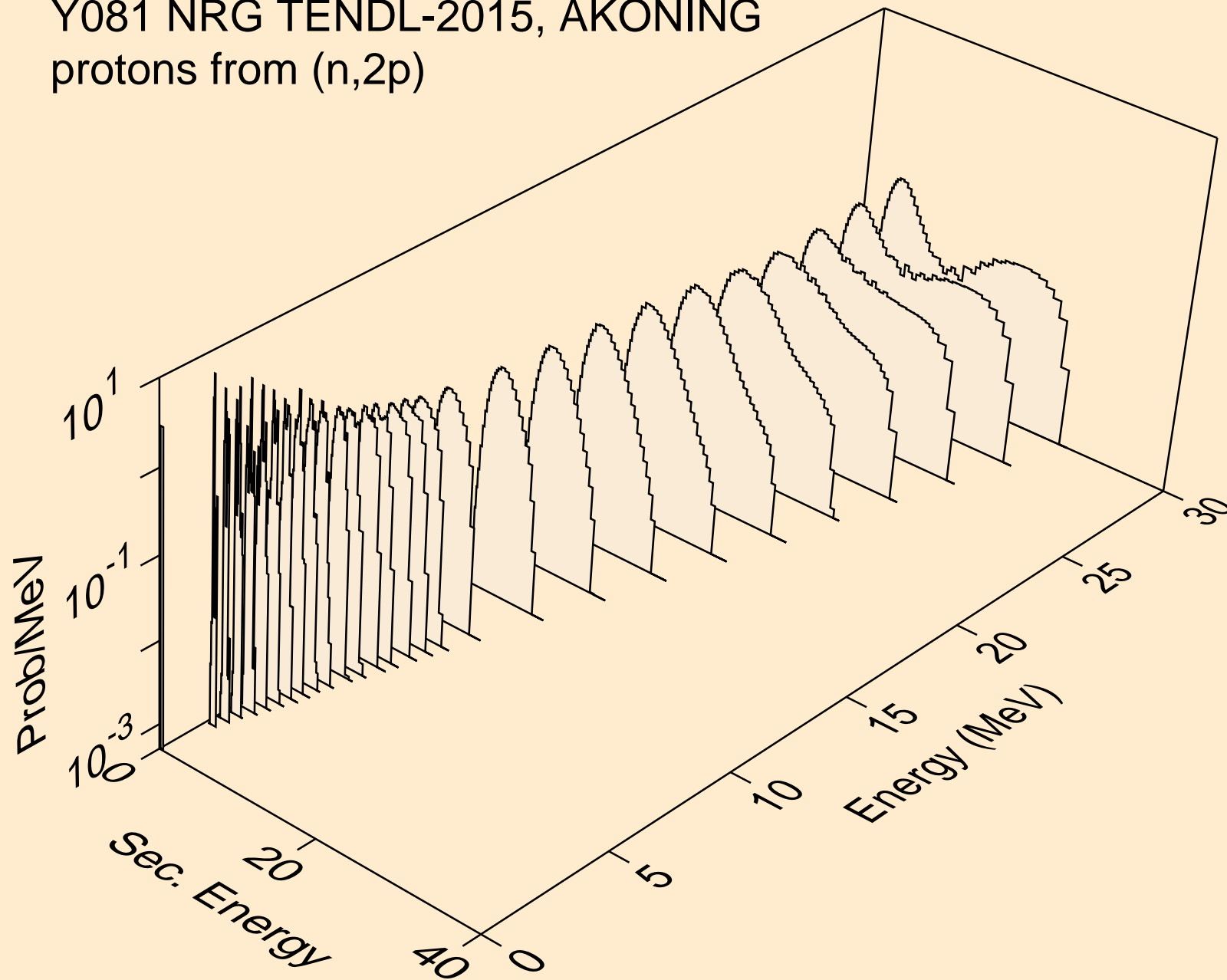
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protons from (n,npa)



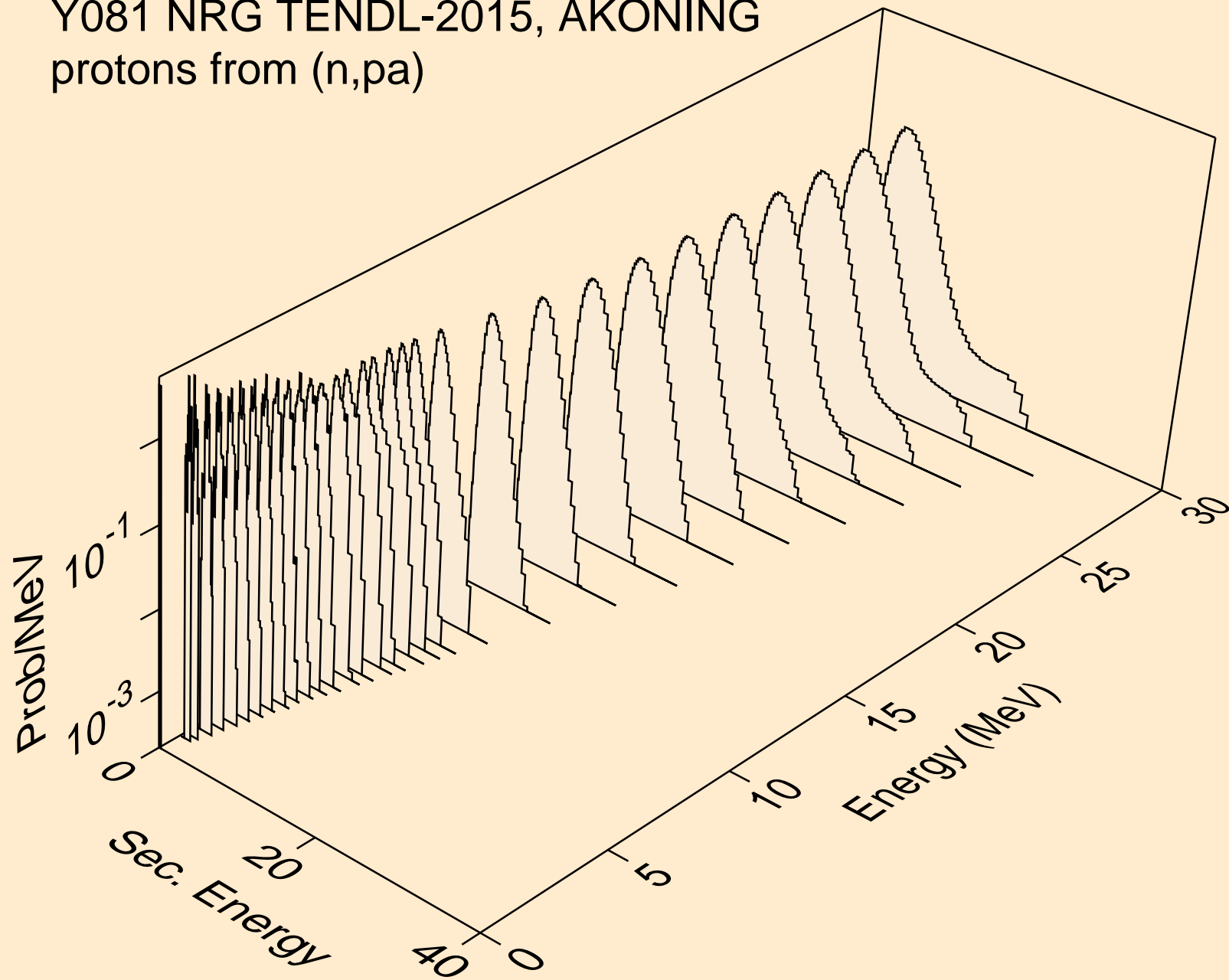
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protons from (n,p)



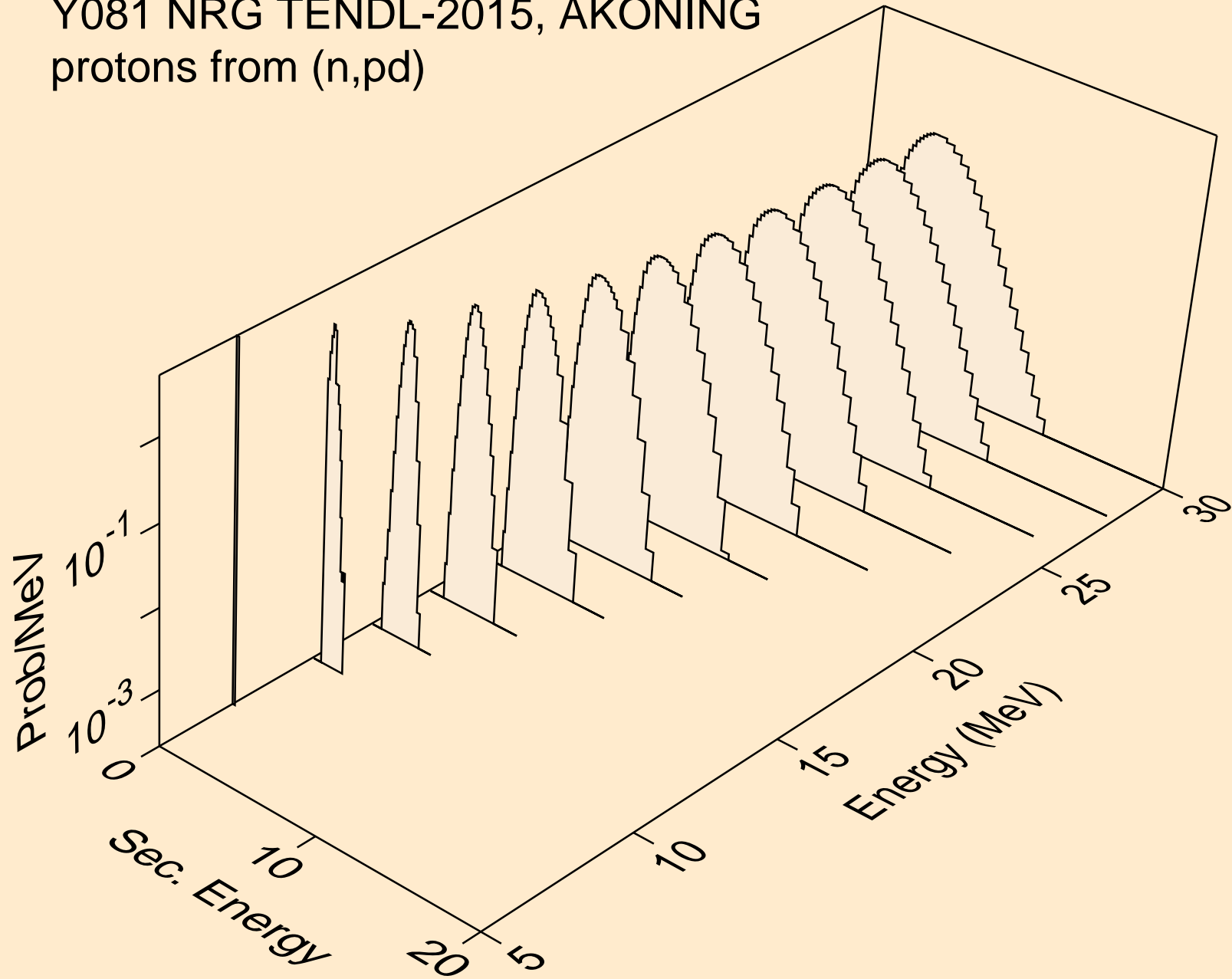
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protons from (n,2p)



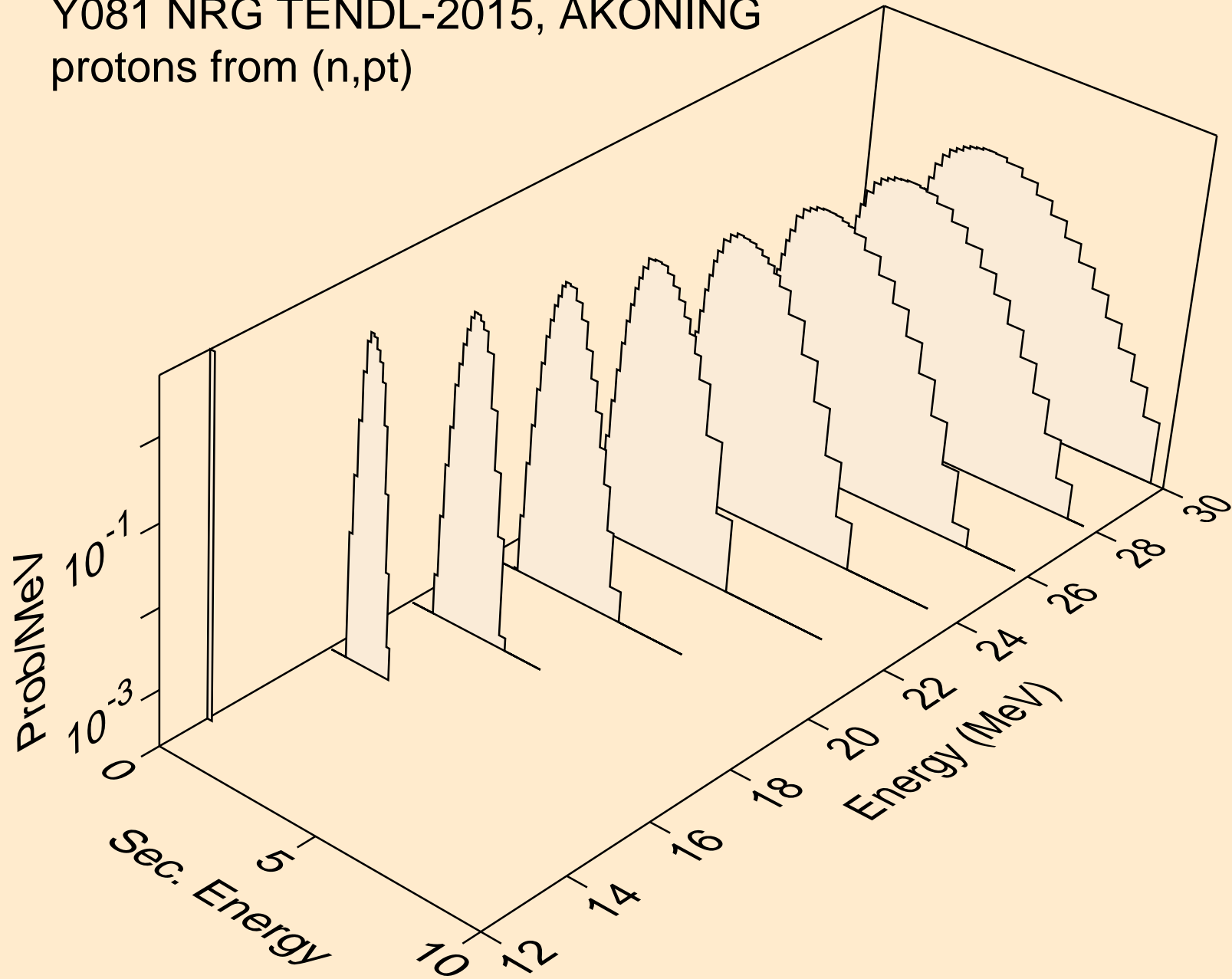
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protons from (n,pa)



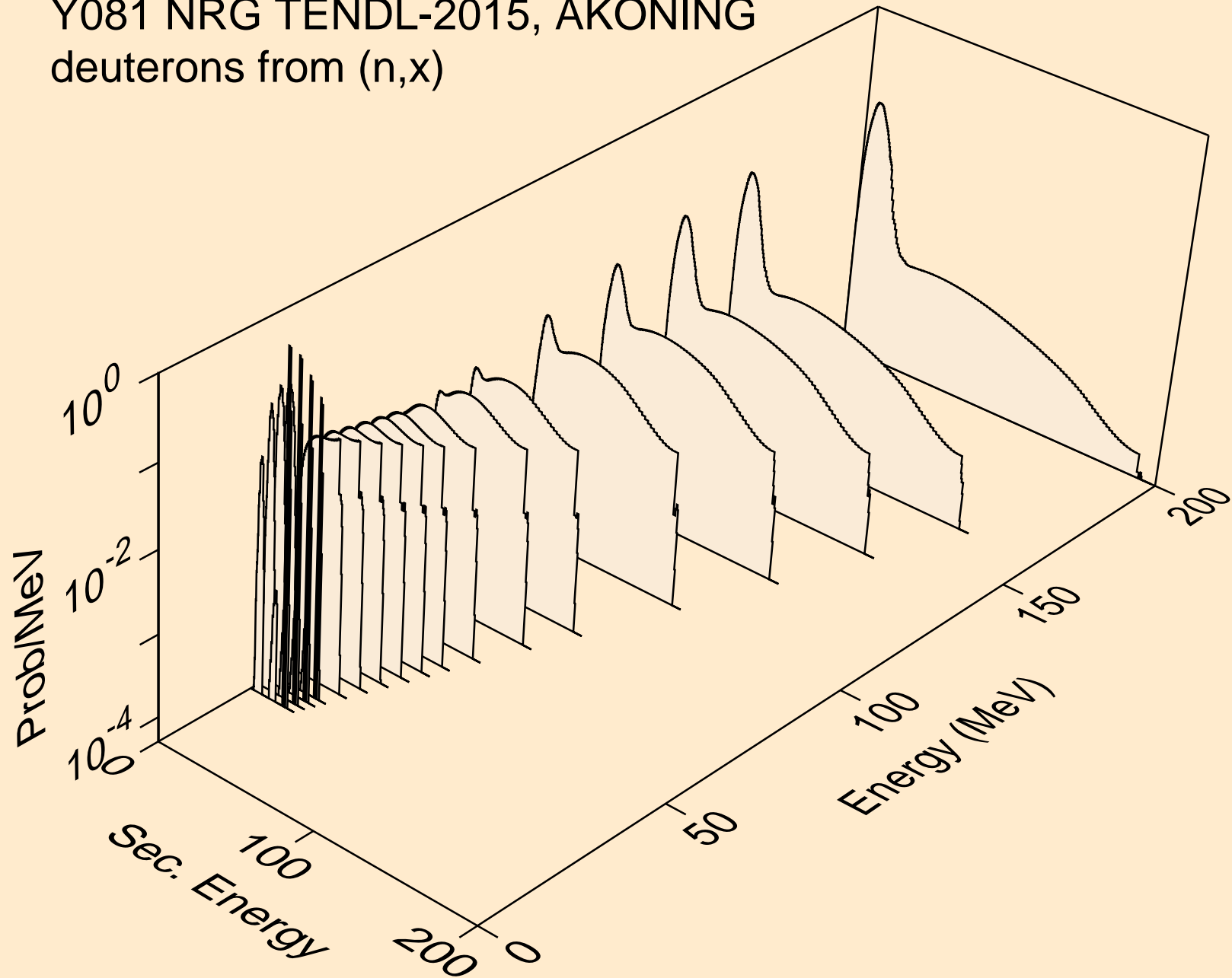
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protons from (n,pd)



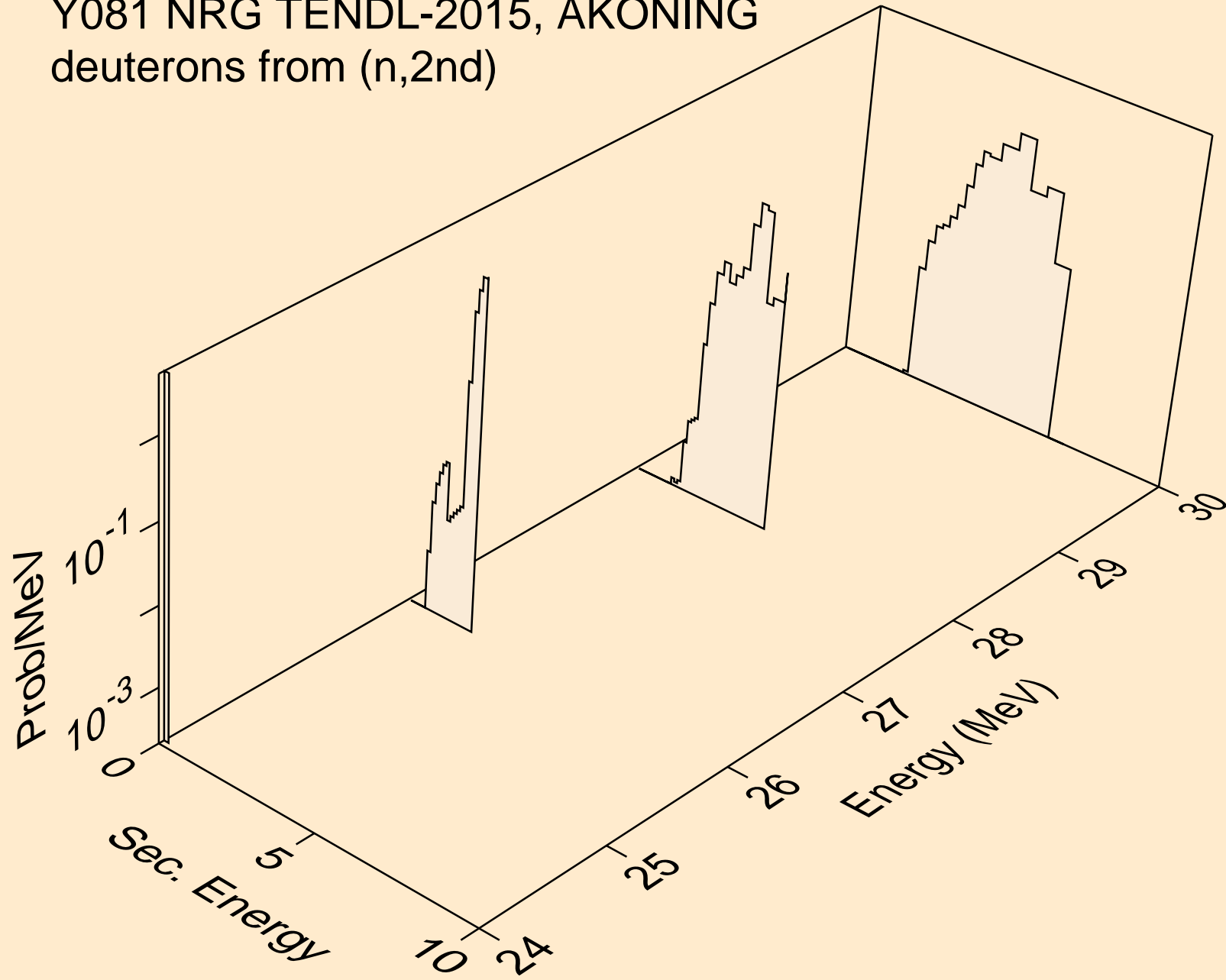
Y081 NRG TENDL-2015, AKONING  
protons from (n,pt)



Y081 NRG TENDL-2015, AKONING  
deuterons from (n,x)

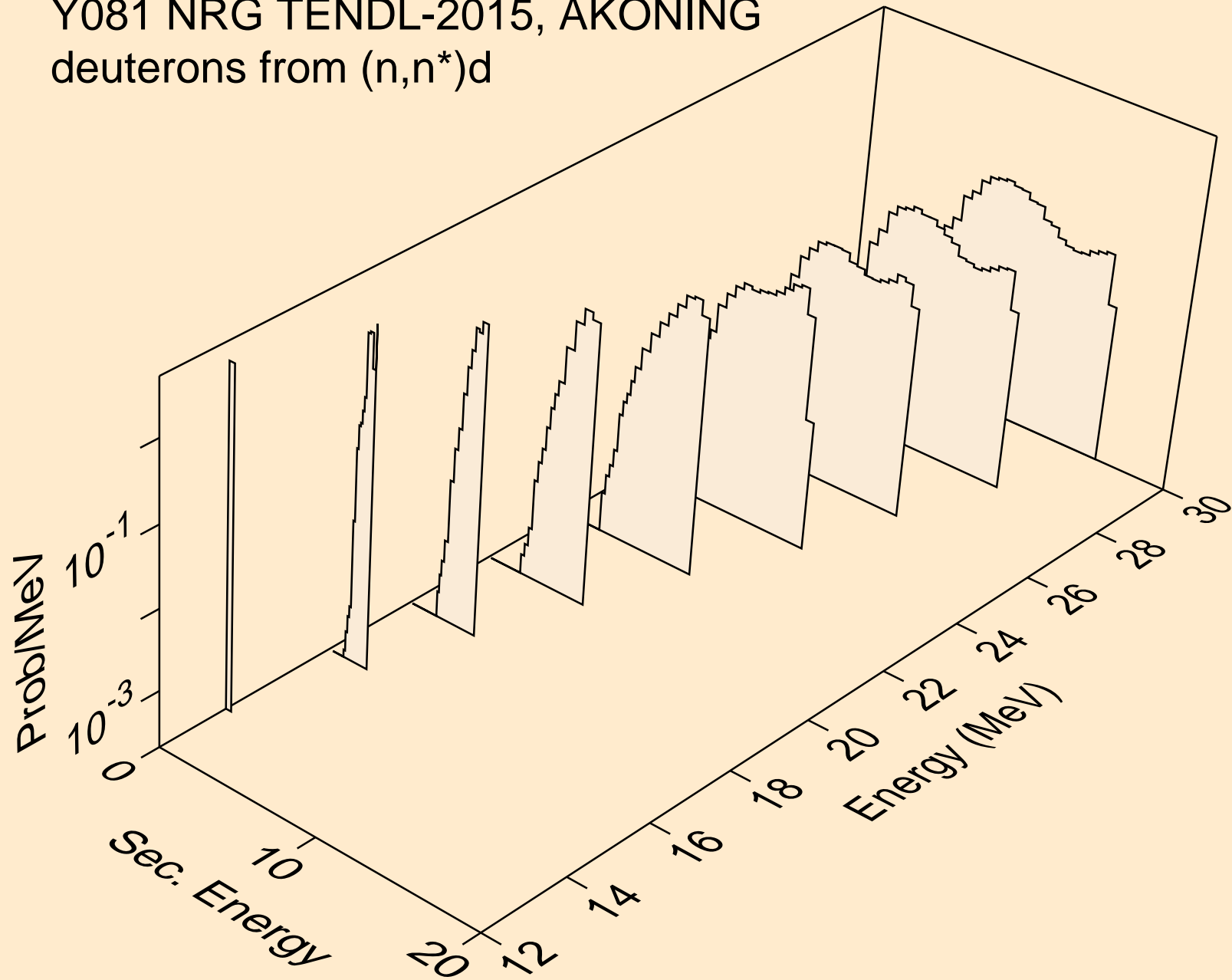


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deuterons from (n,2nd)

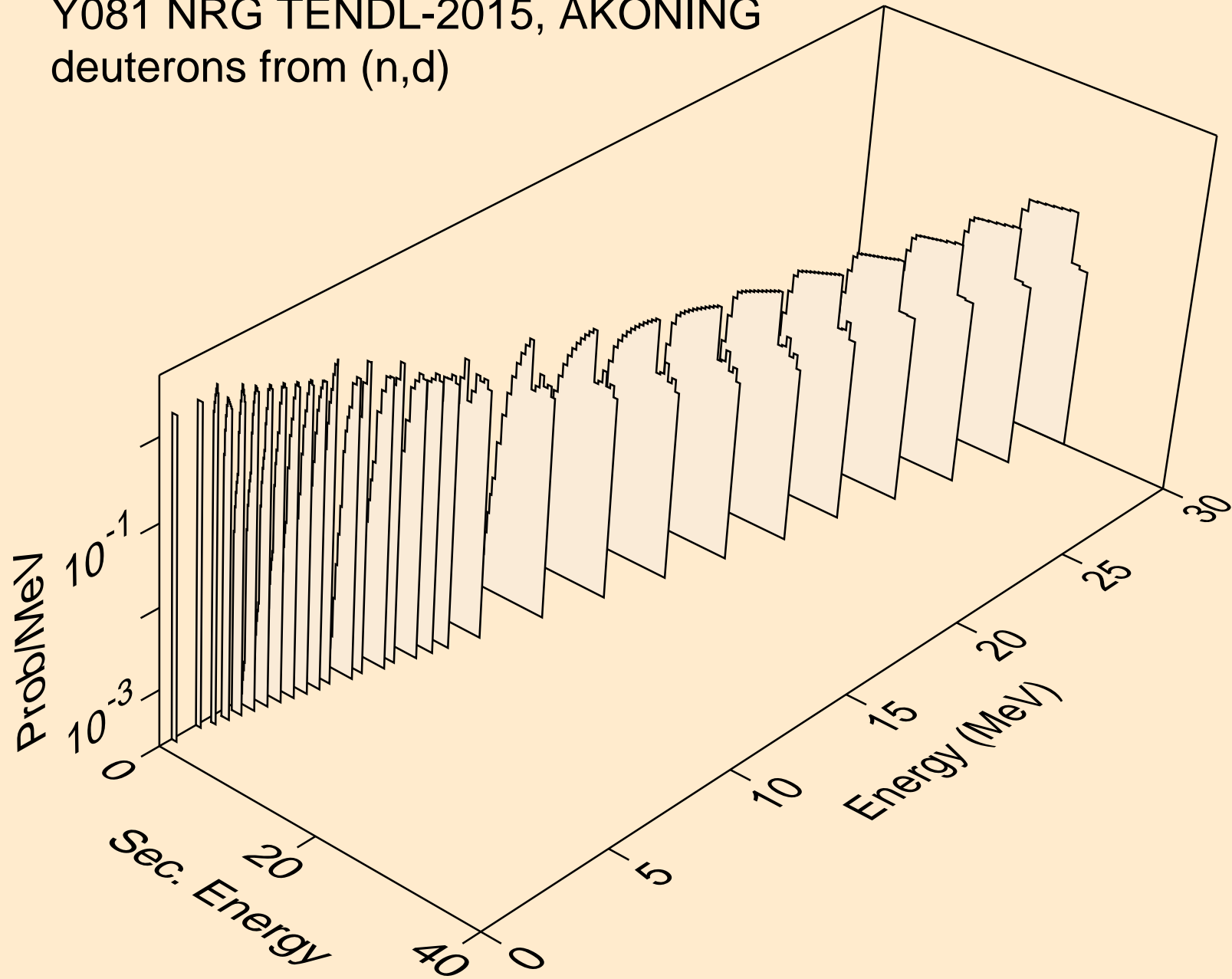




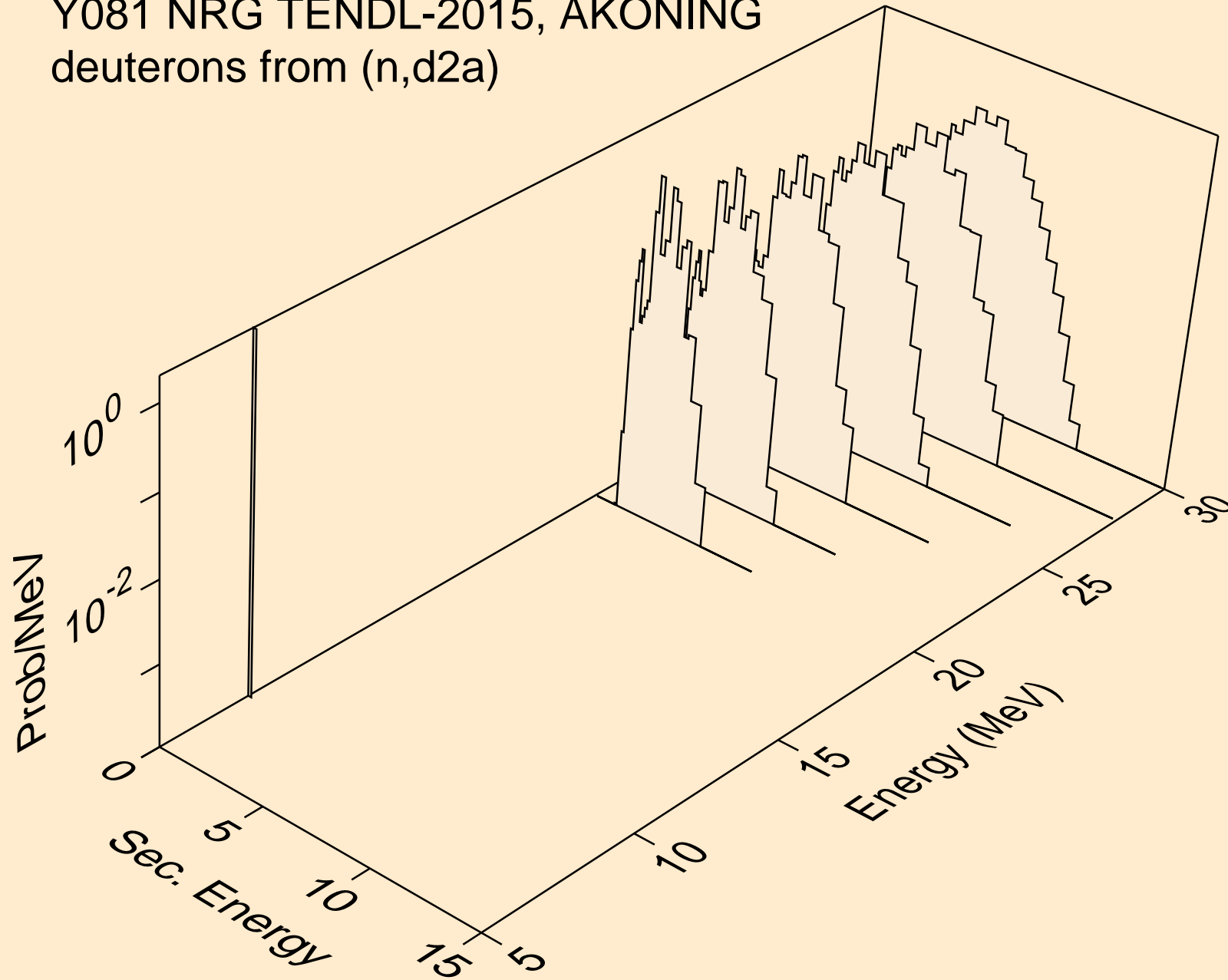
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deuterons from (n,n\*)d



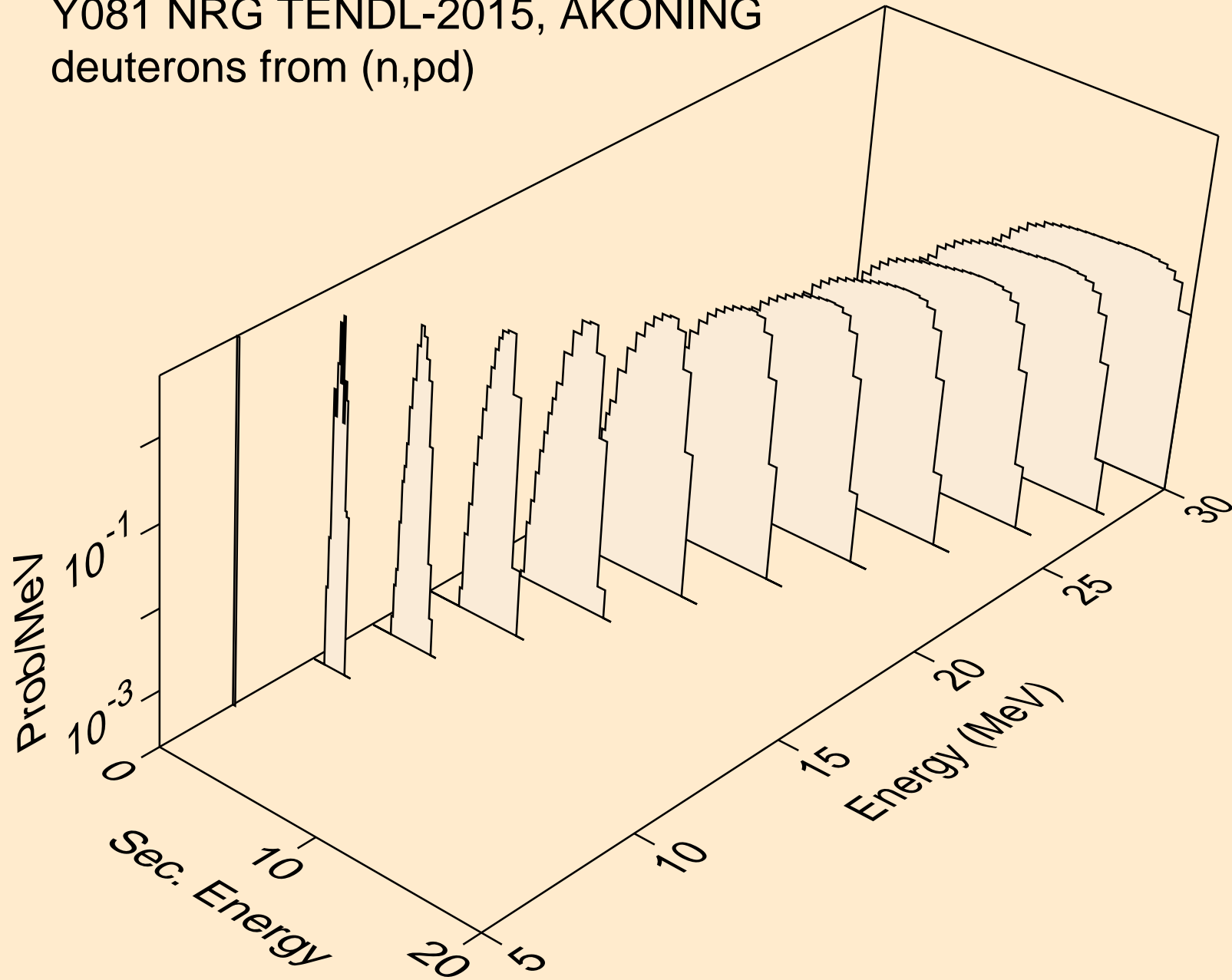
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deuterons from (n,d)



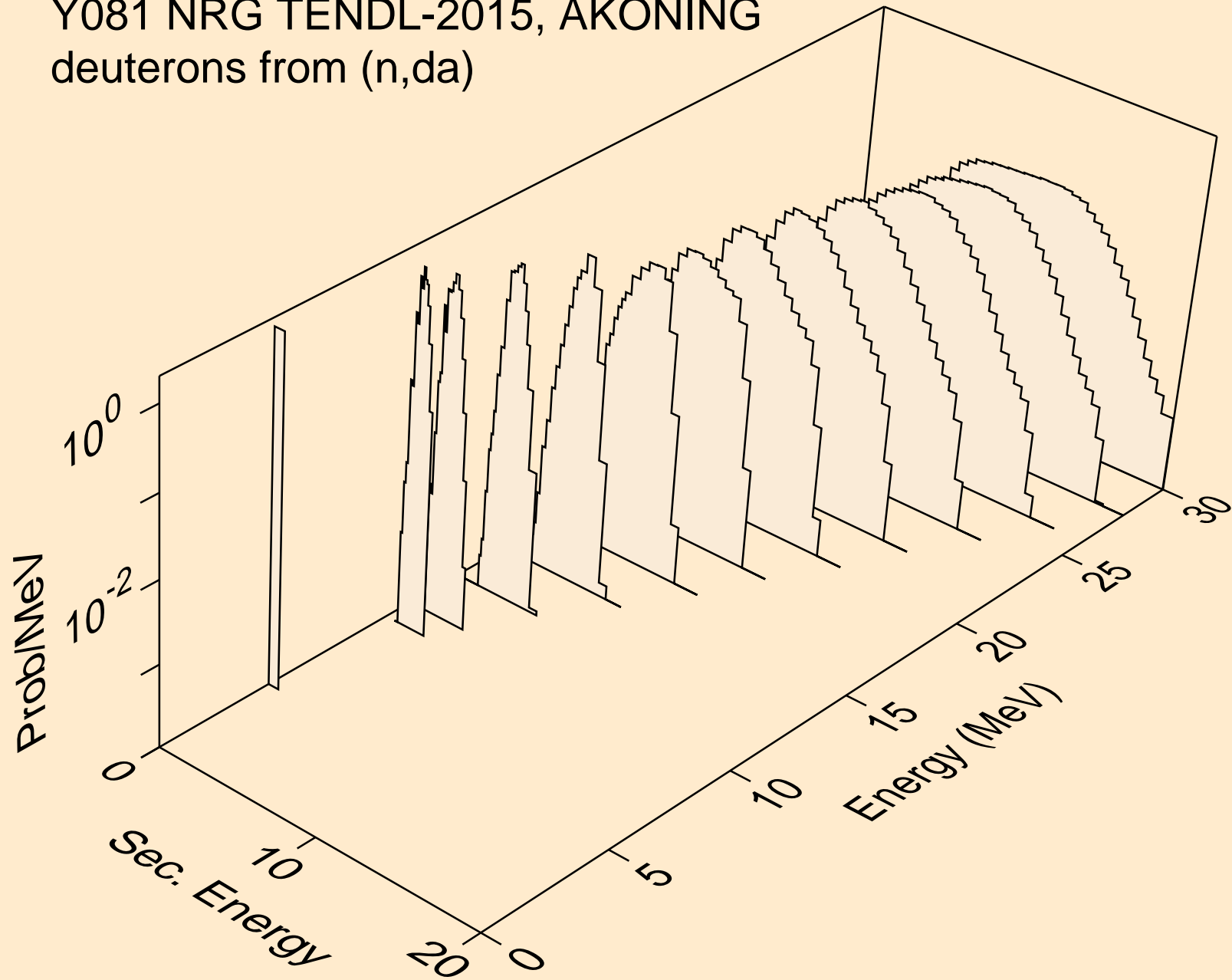
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deuterons from (n,d2a)



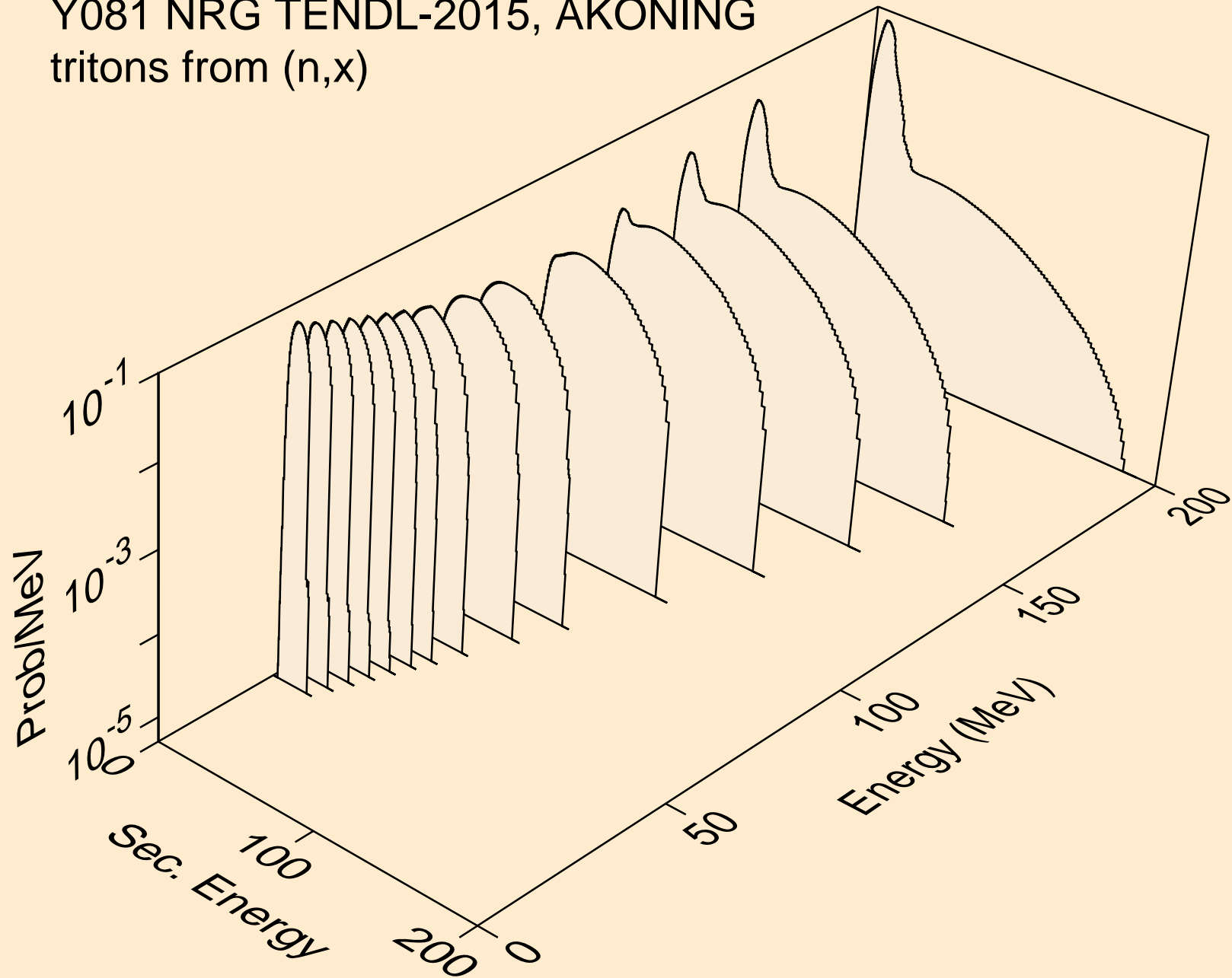
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deuterons from (n,pd)



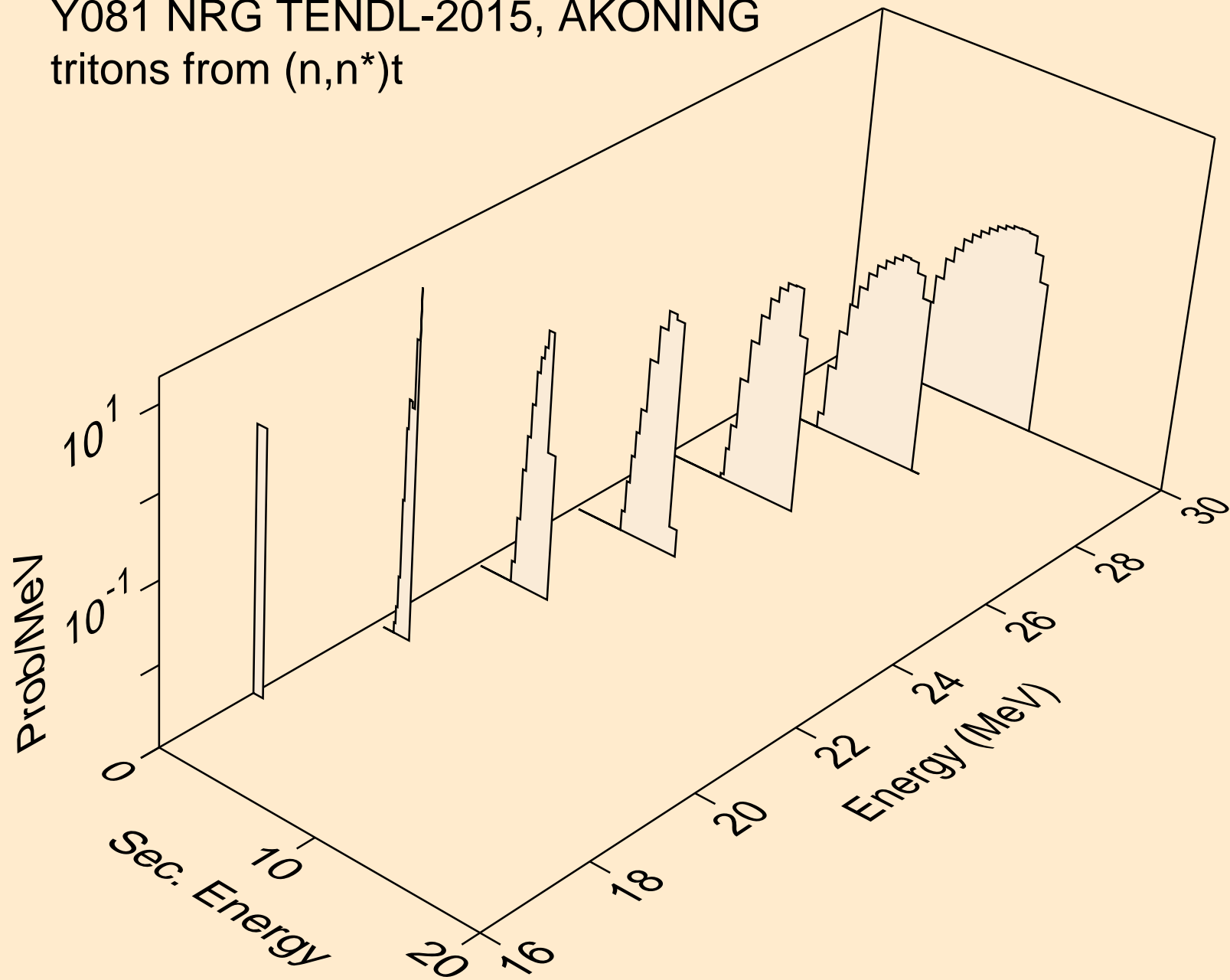
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deuterons from (n,da)



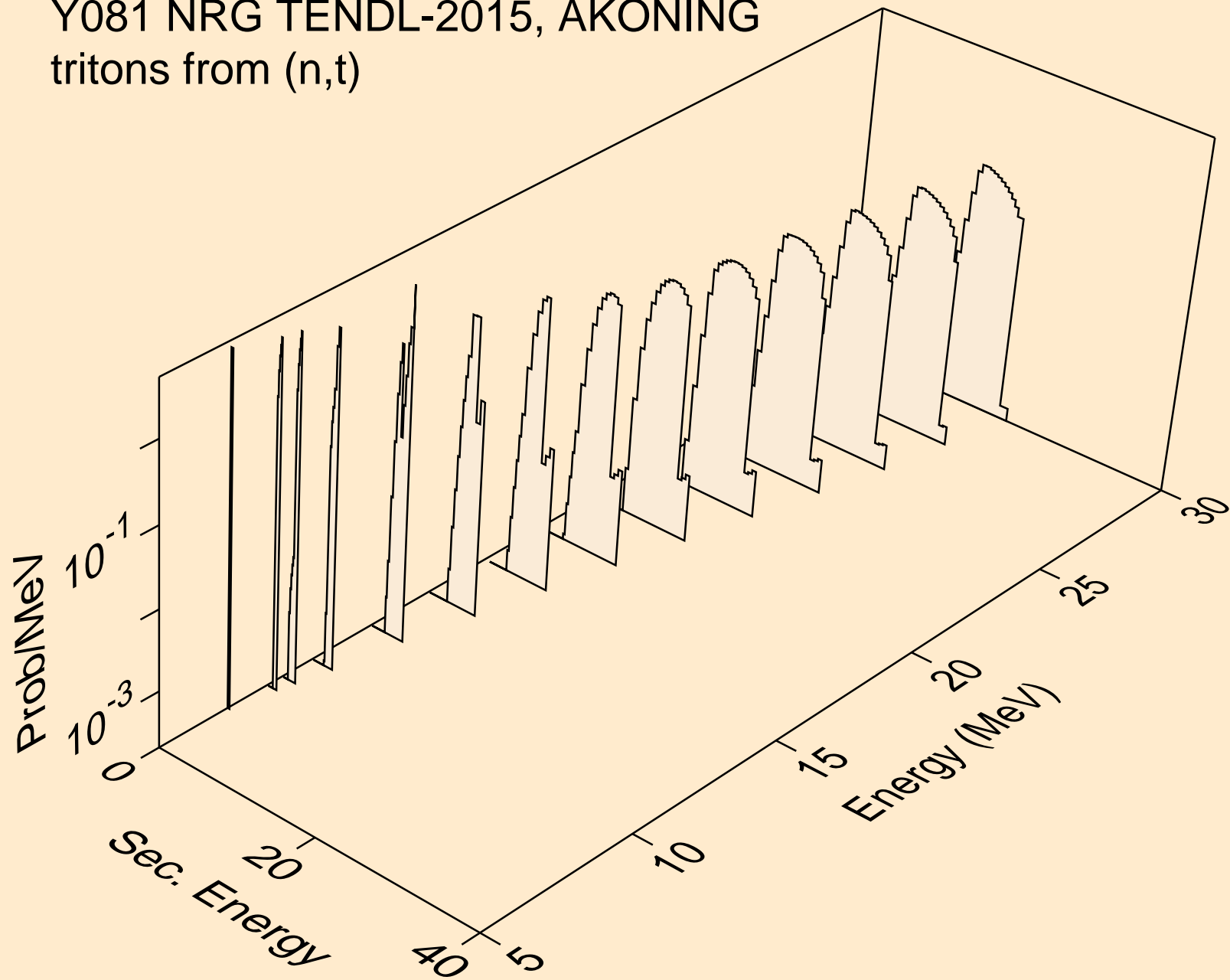
Y081 NRG TENDL-2015, AKONING  
tritons from (n,x)



Y081 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

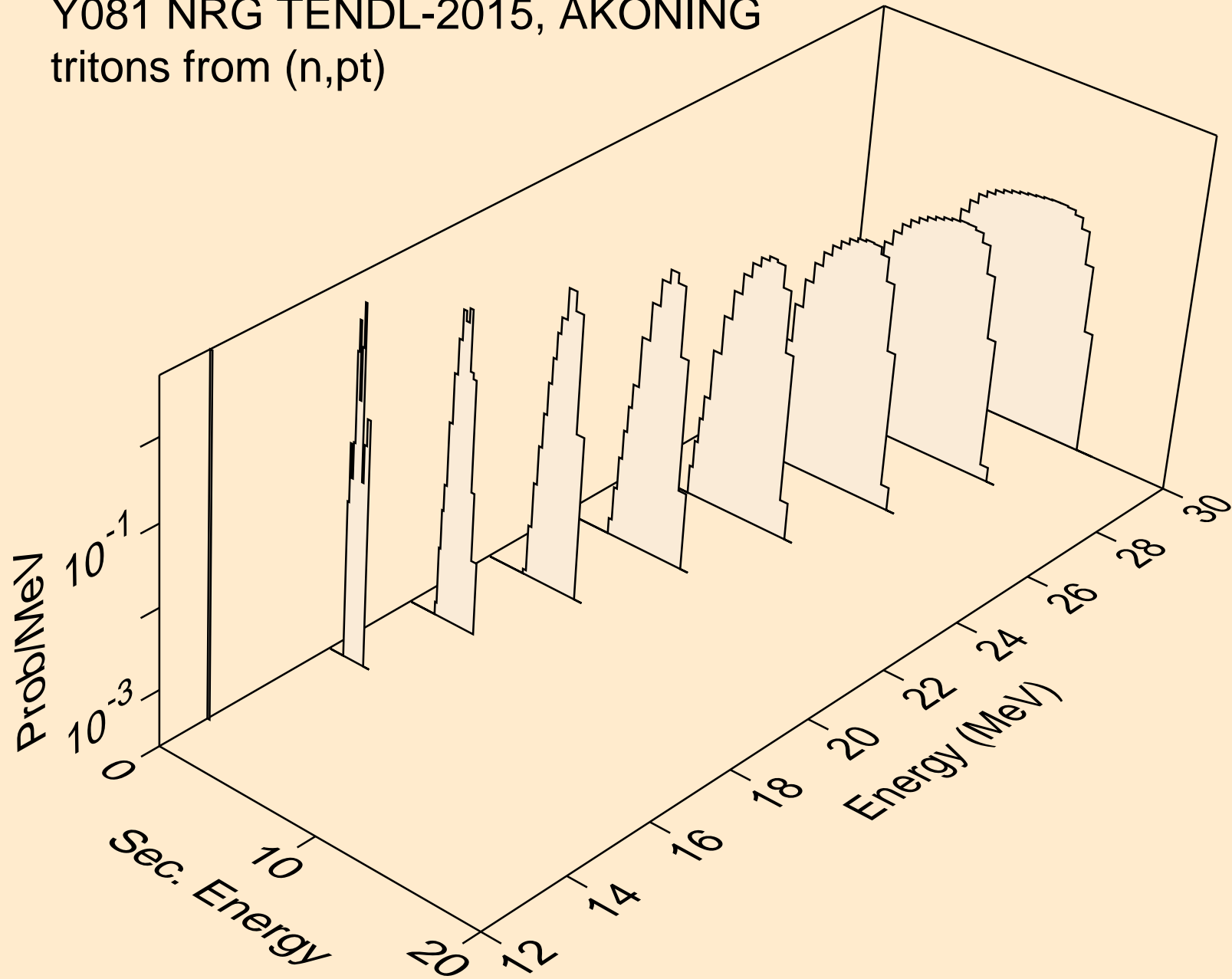


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tritons from (n,t)

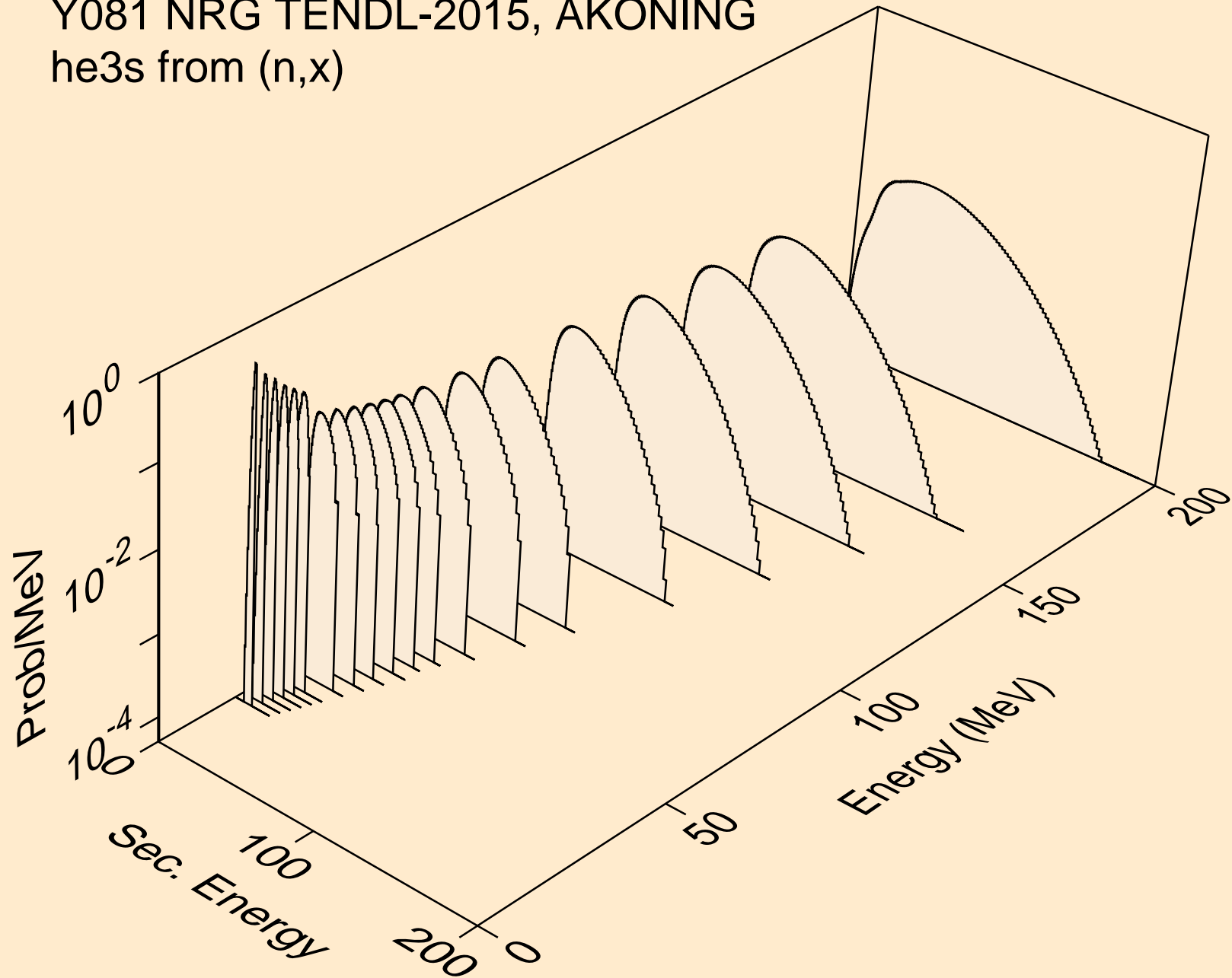




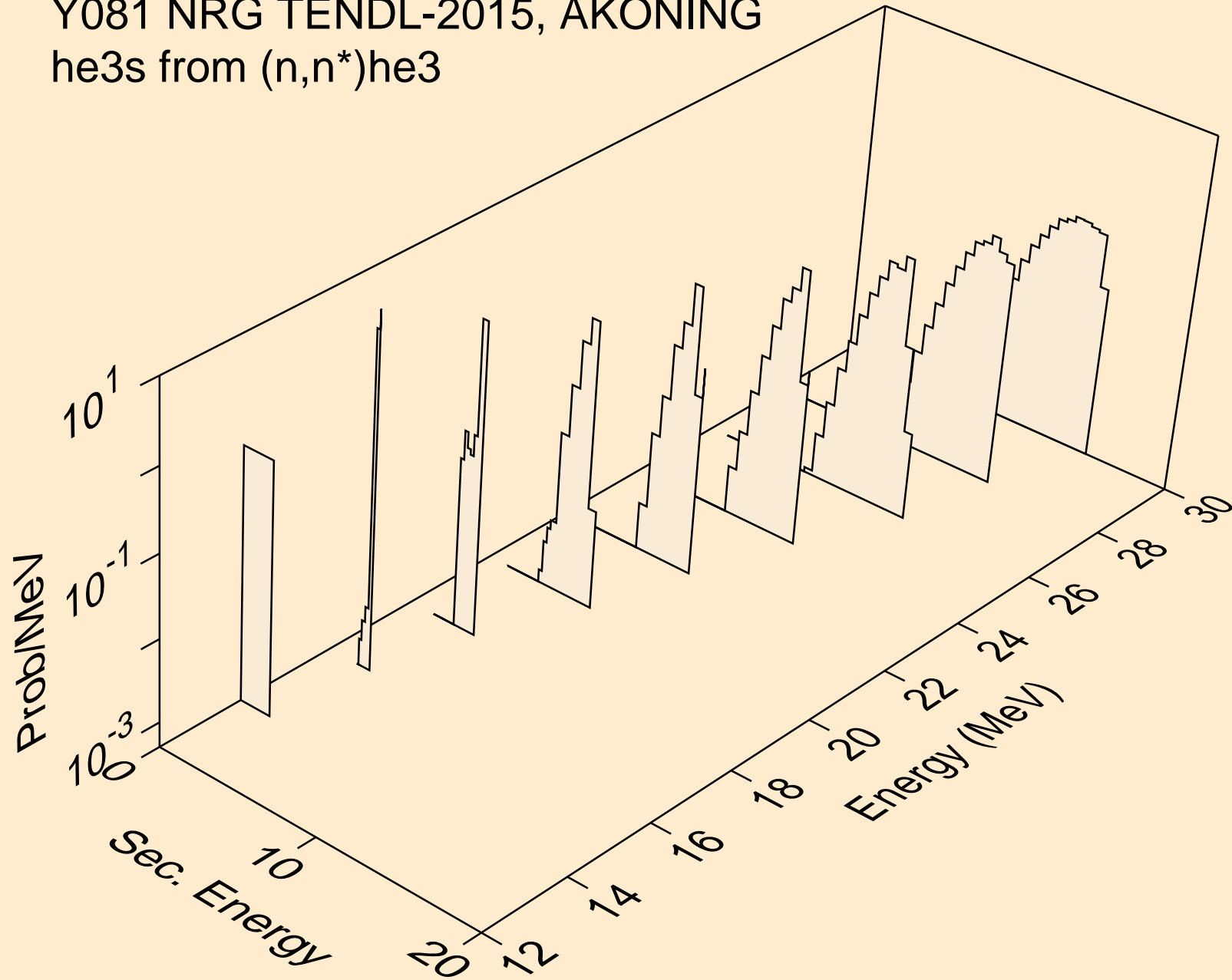
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tritons from (n,pt)



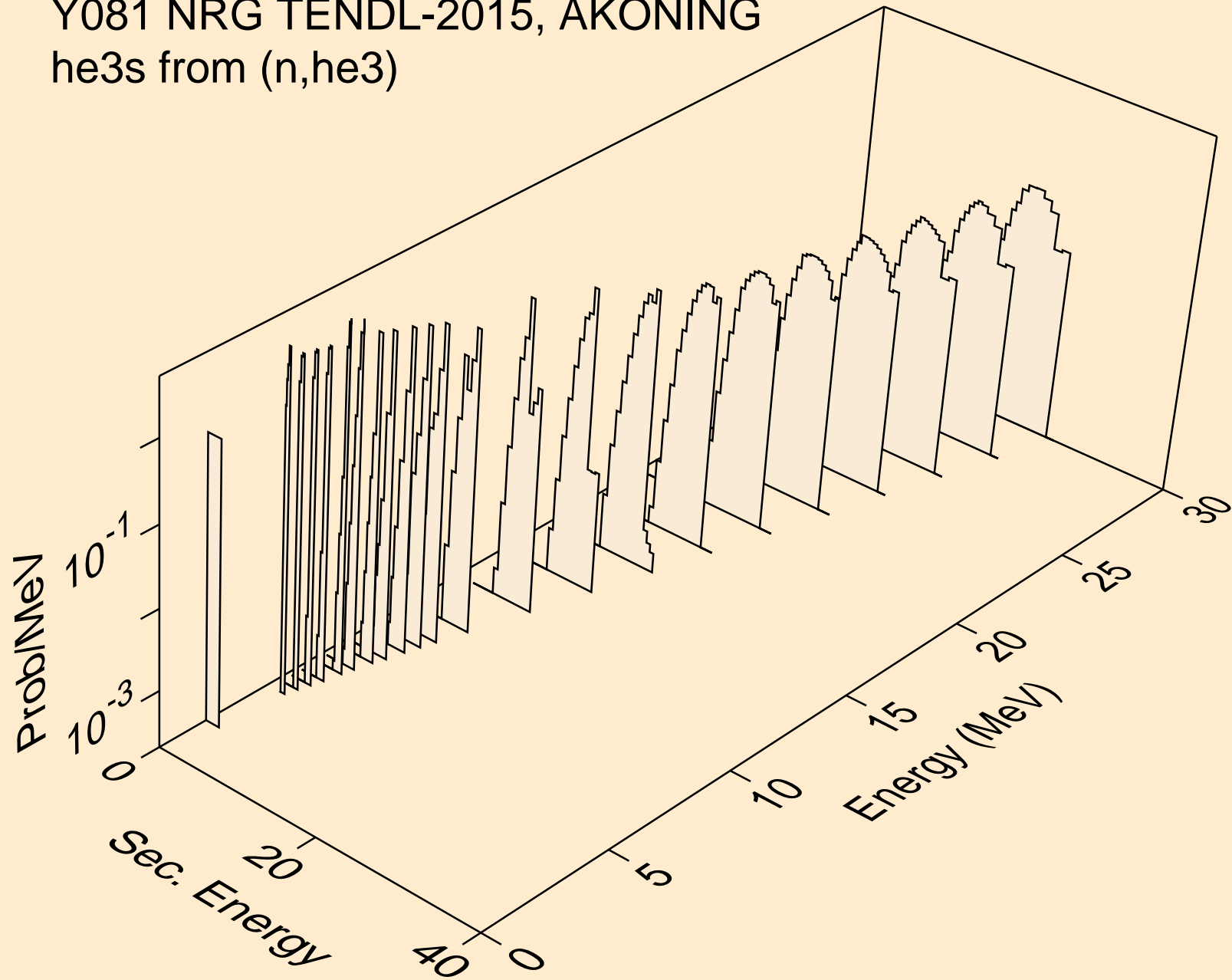
Y081 NRG TENDL-2015, AKONING  
he3s from (n,x)



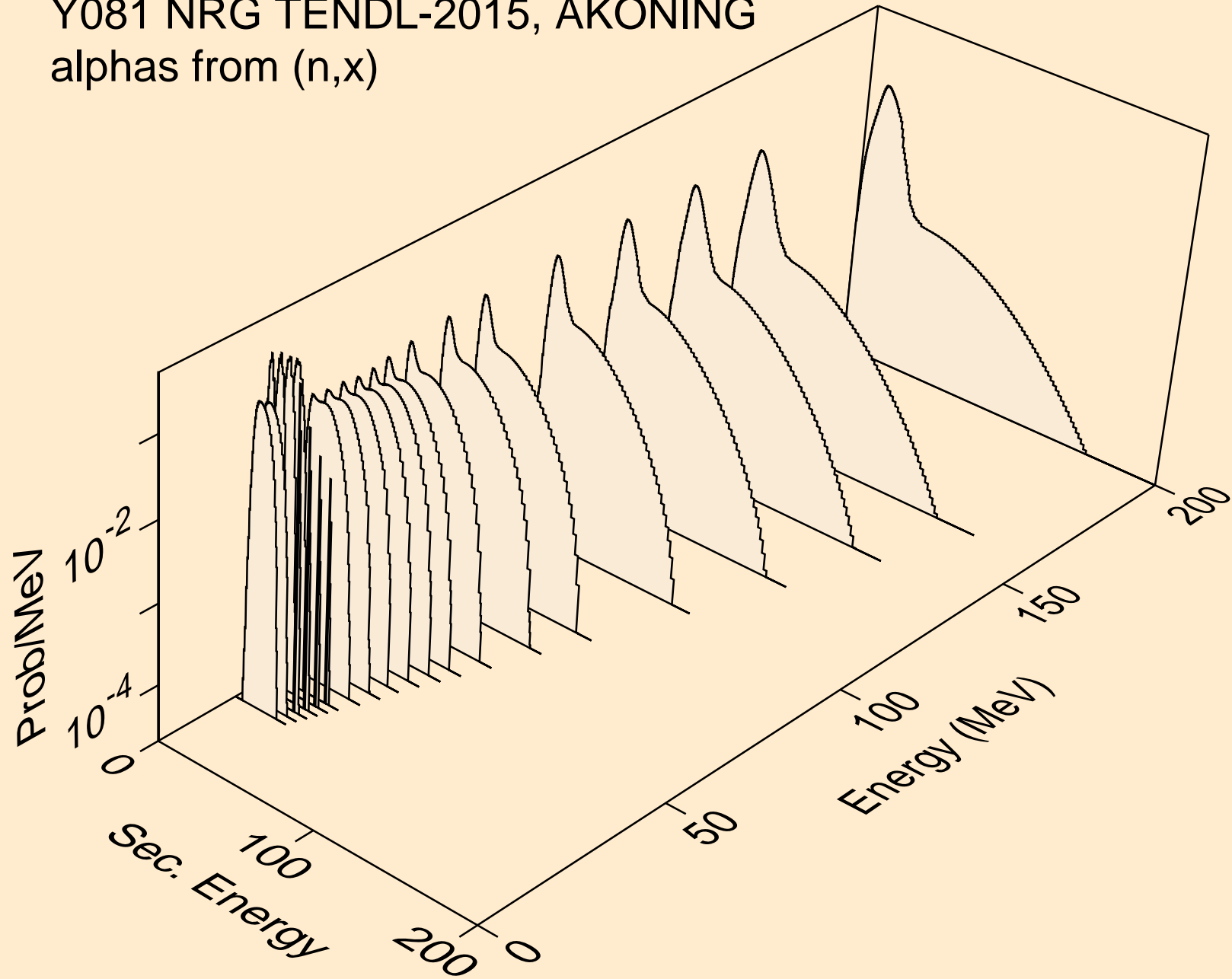
Y081 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



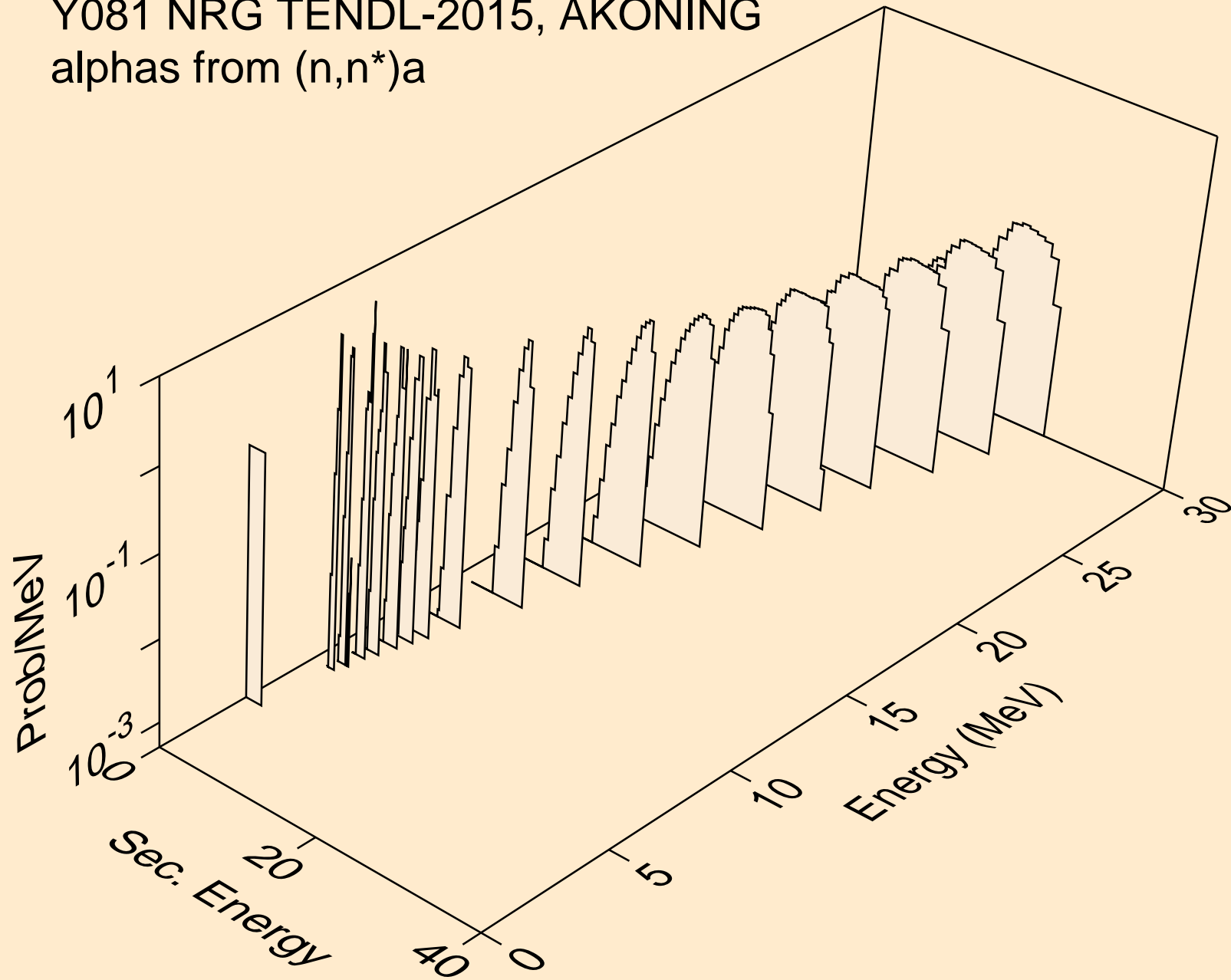
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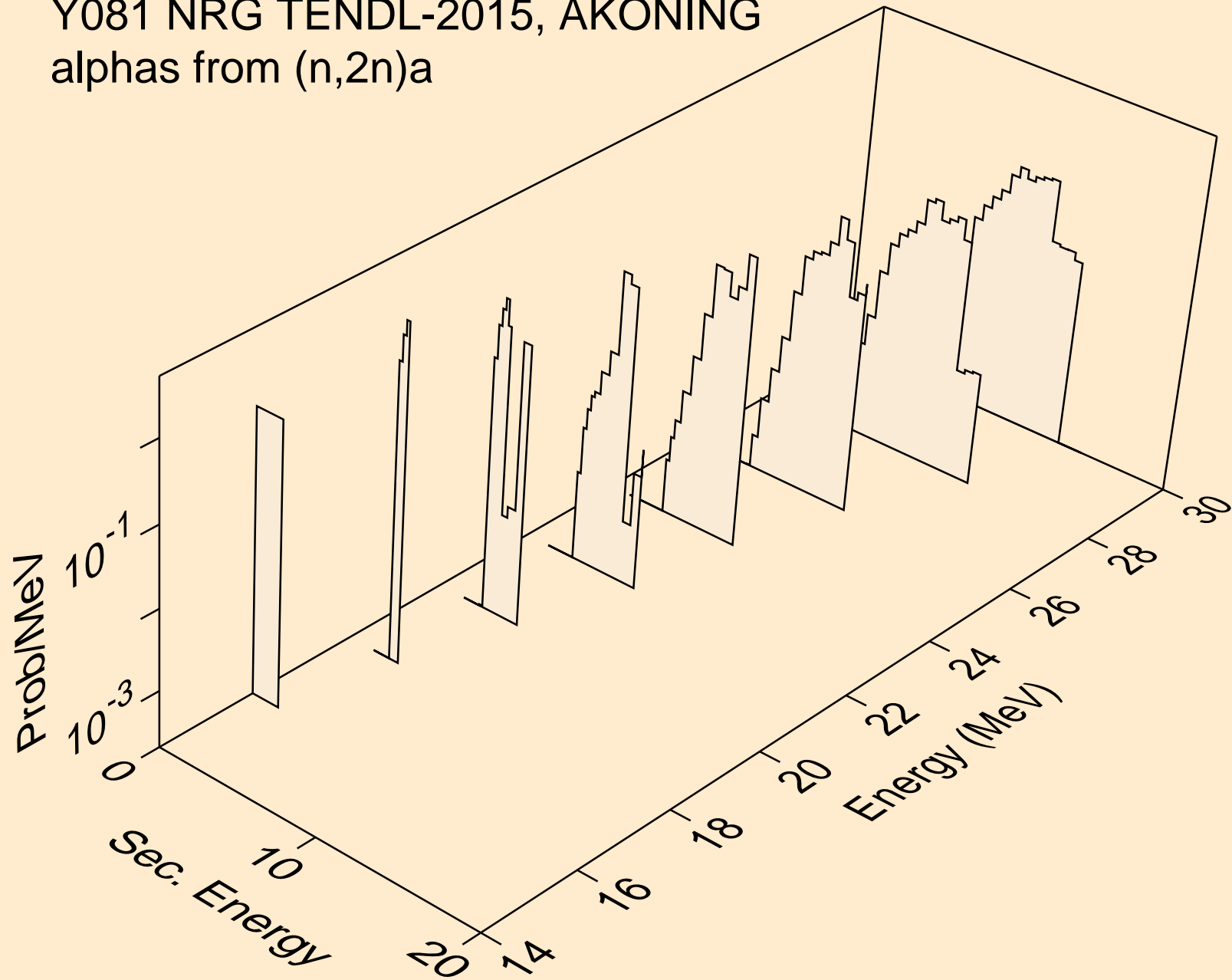
Y081 NRG TENDL-2015, AKONING  
alphas from (n,x)



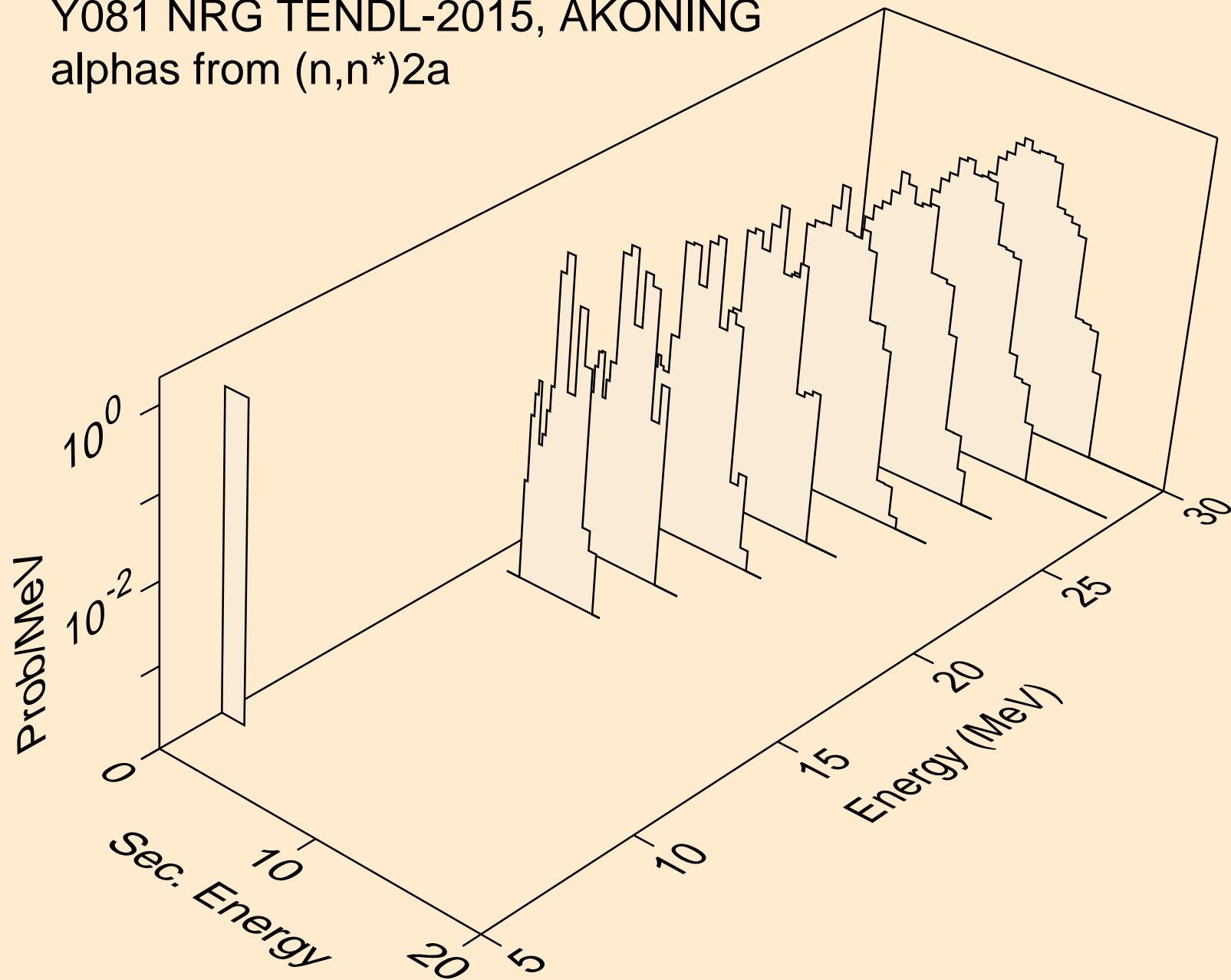
Y081 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



Y081 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

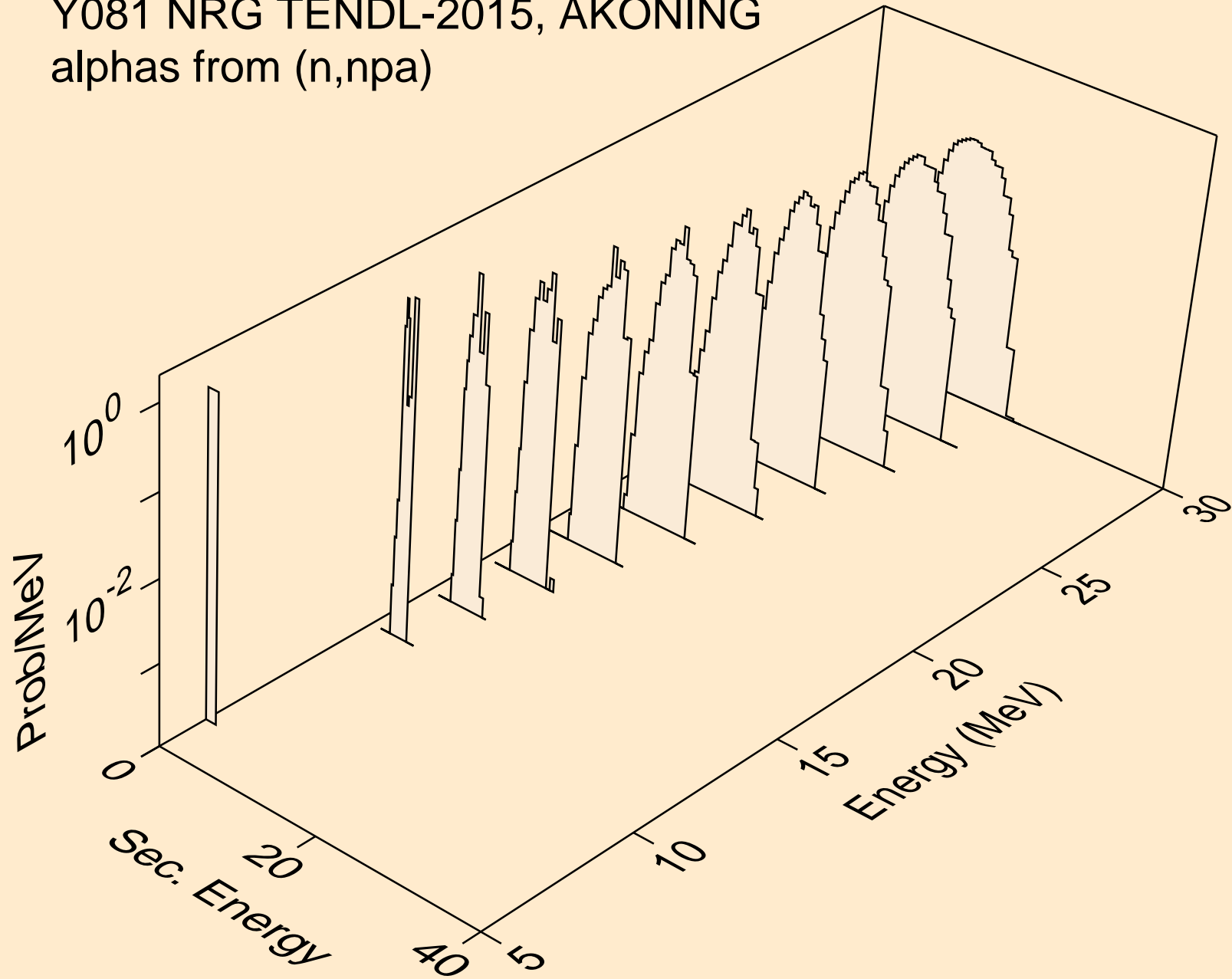


Y081 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

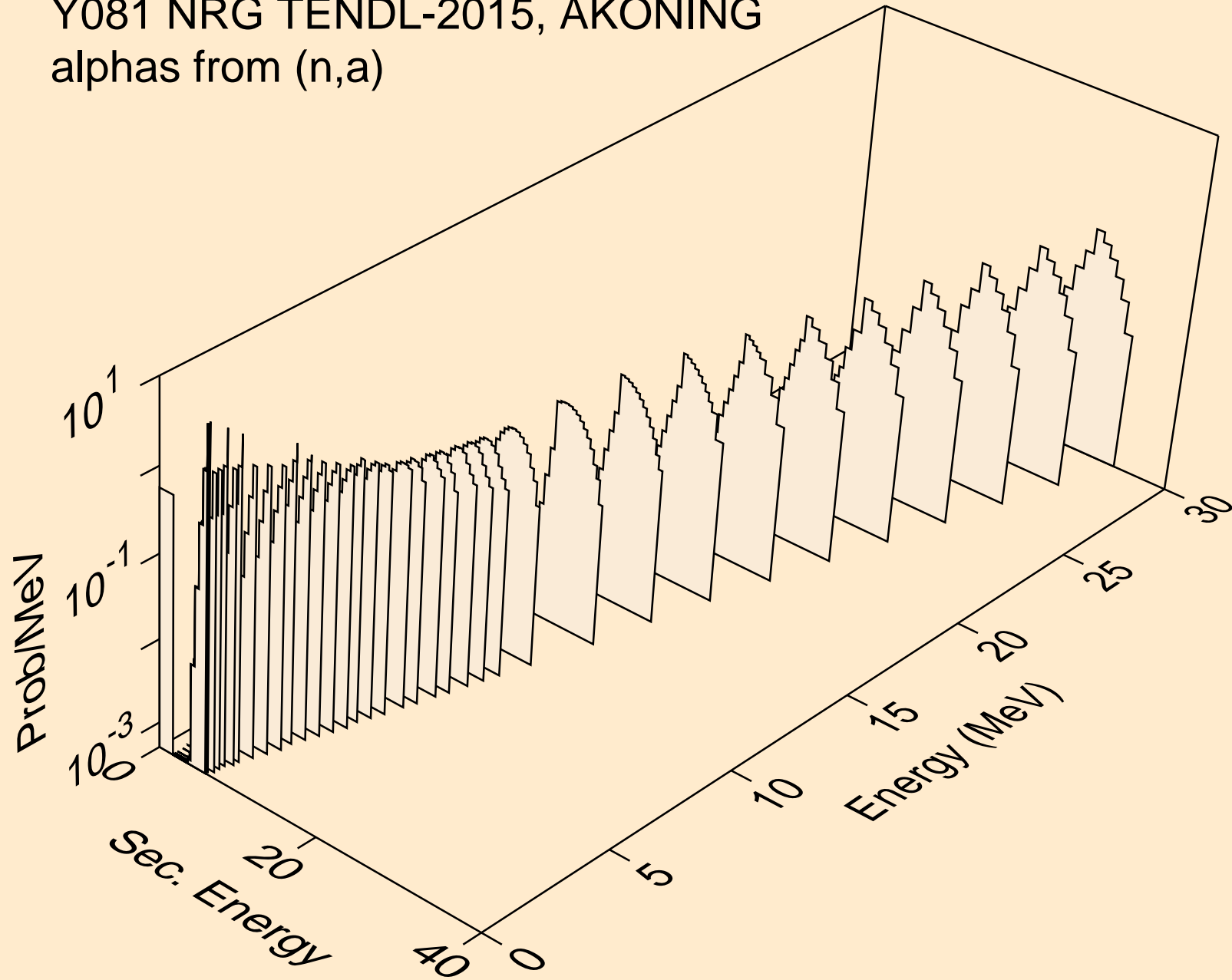




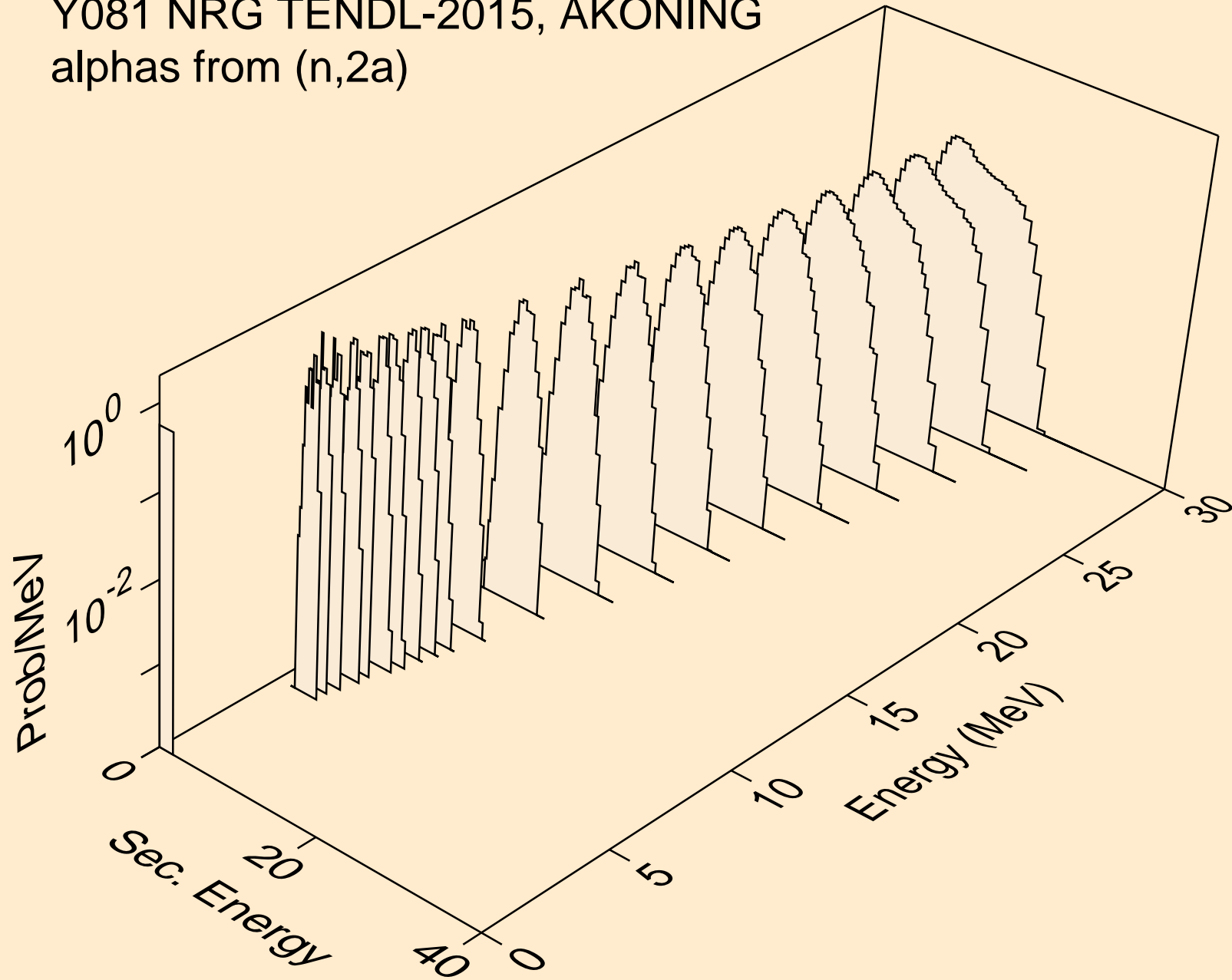
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alphas from (n,npa)



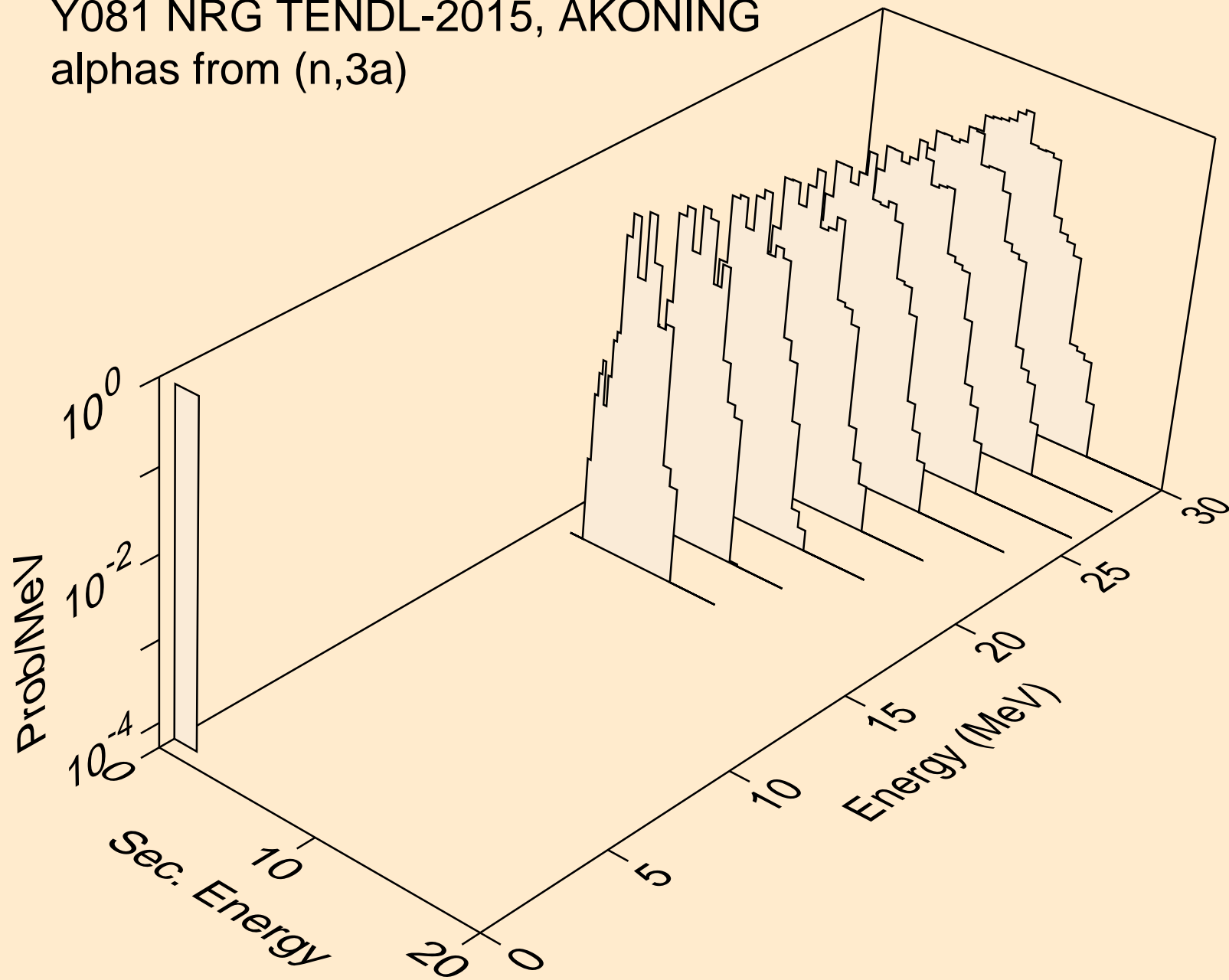
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alphas from (n,a)



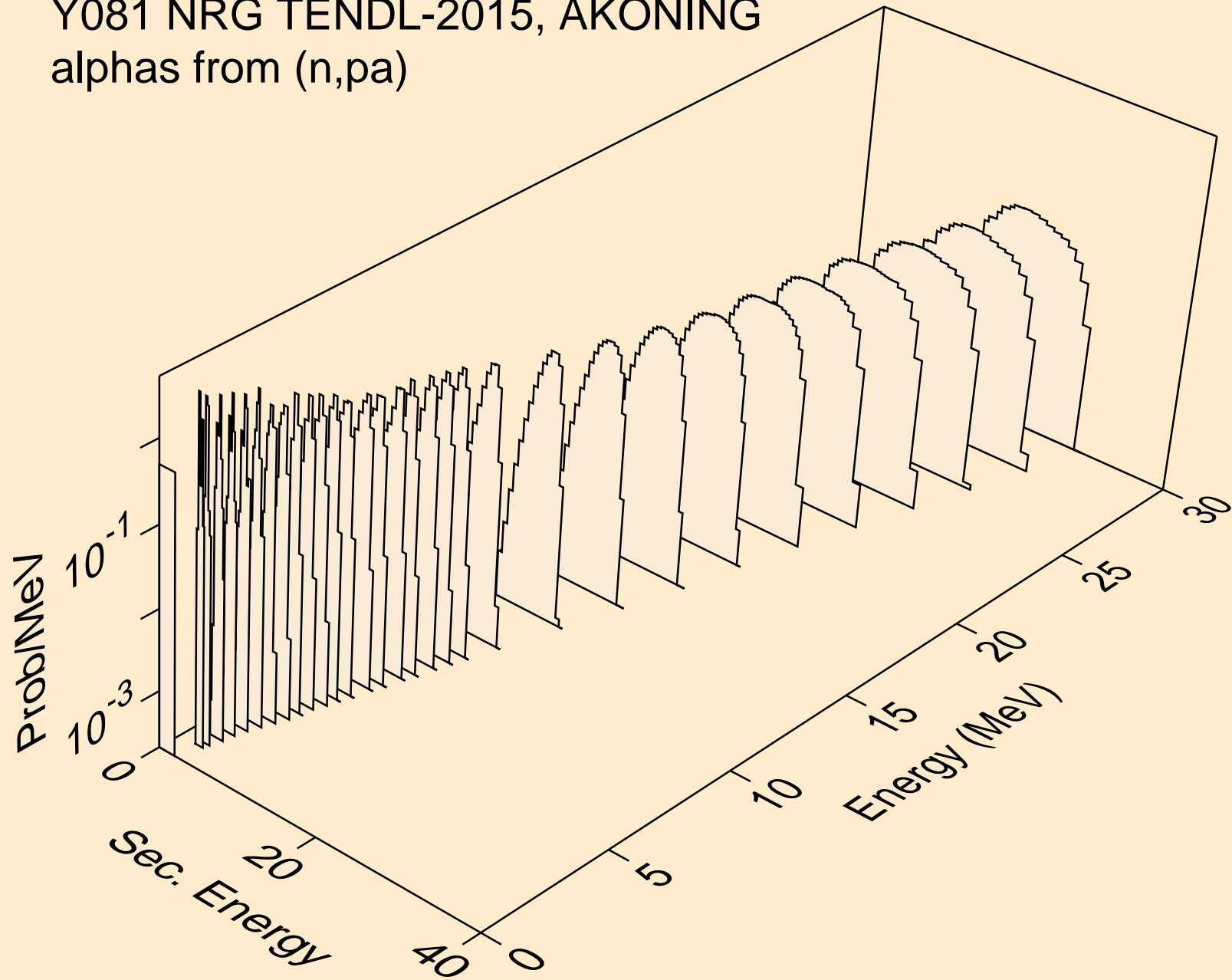
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alphas from (n,2a)



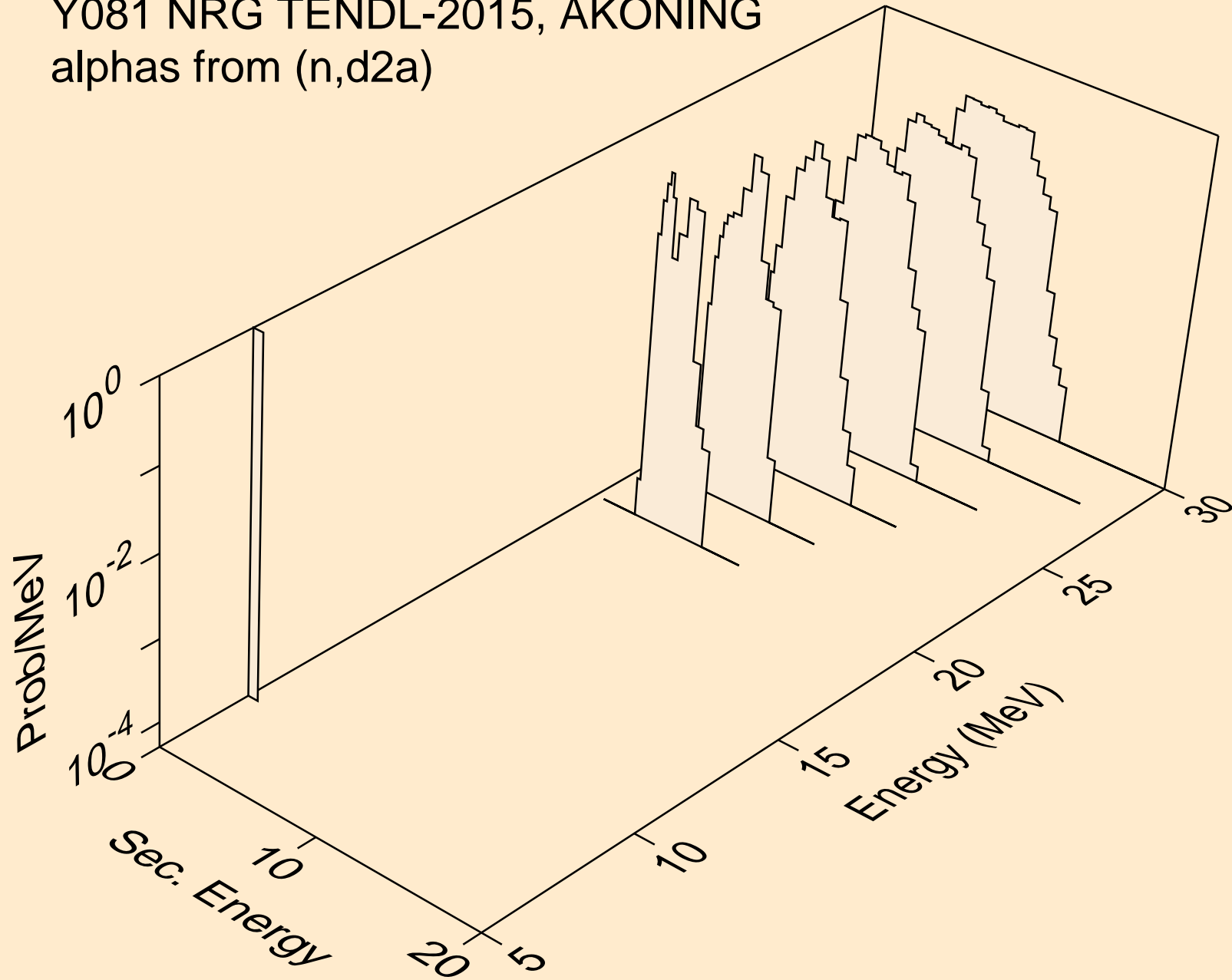
Y081 NRG TENDL-2015, AKONING  
alphas from (n,3a)



Y081 NRG TENDL-2015, AKONING  
alphas from (n,pa)



Y081 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



Y081 NRG TENDL-2015, AKONING  
alphas from (n,da)

