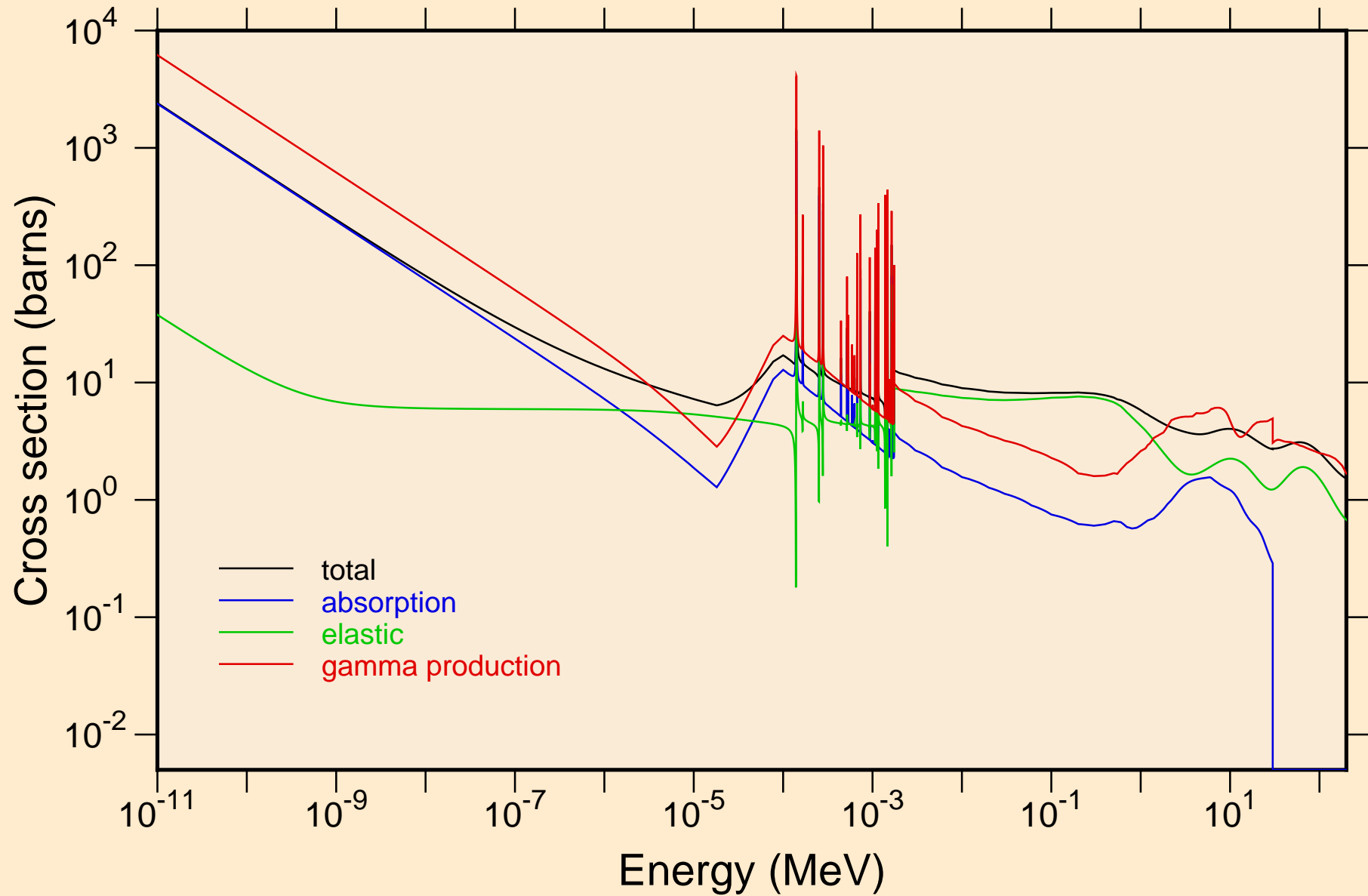
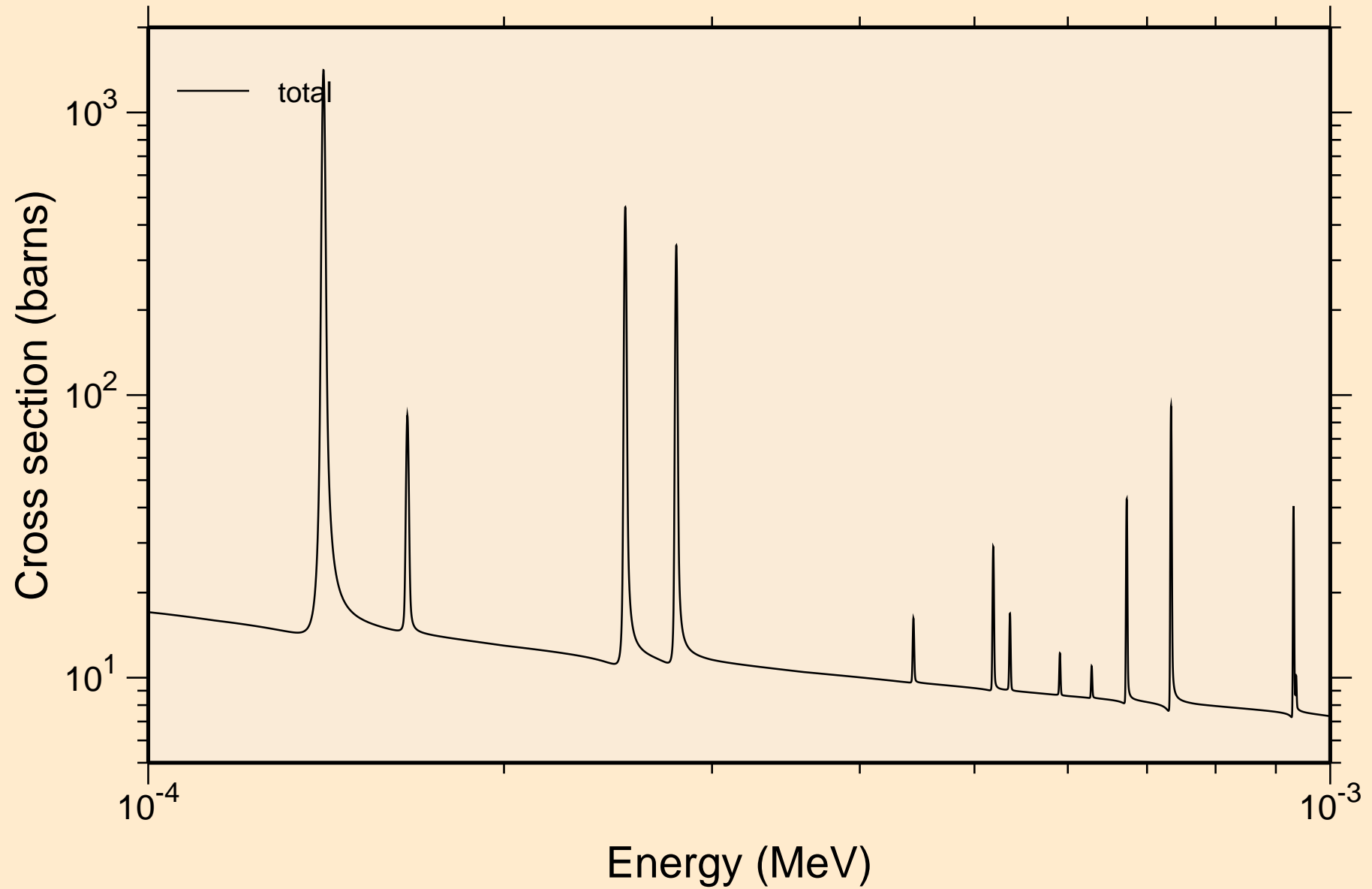


# ZR084 NRG TENDL-2015, AKONING

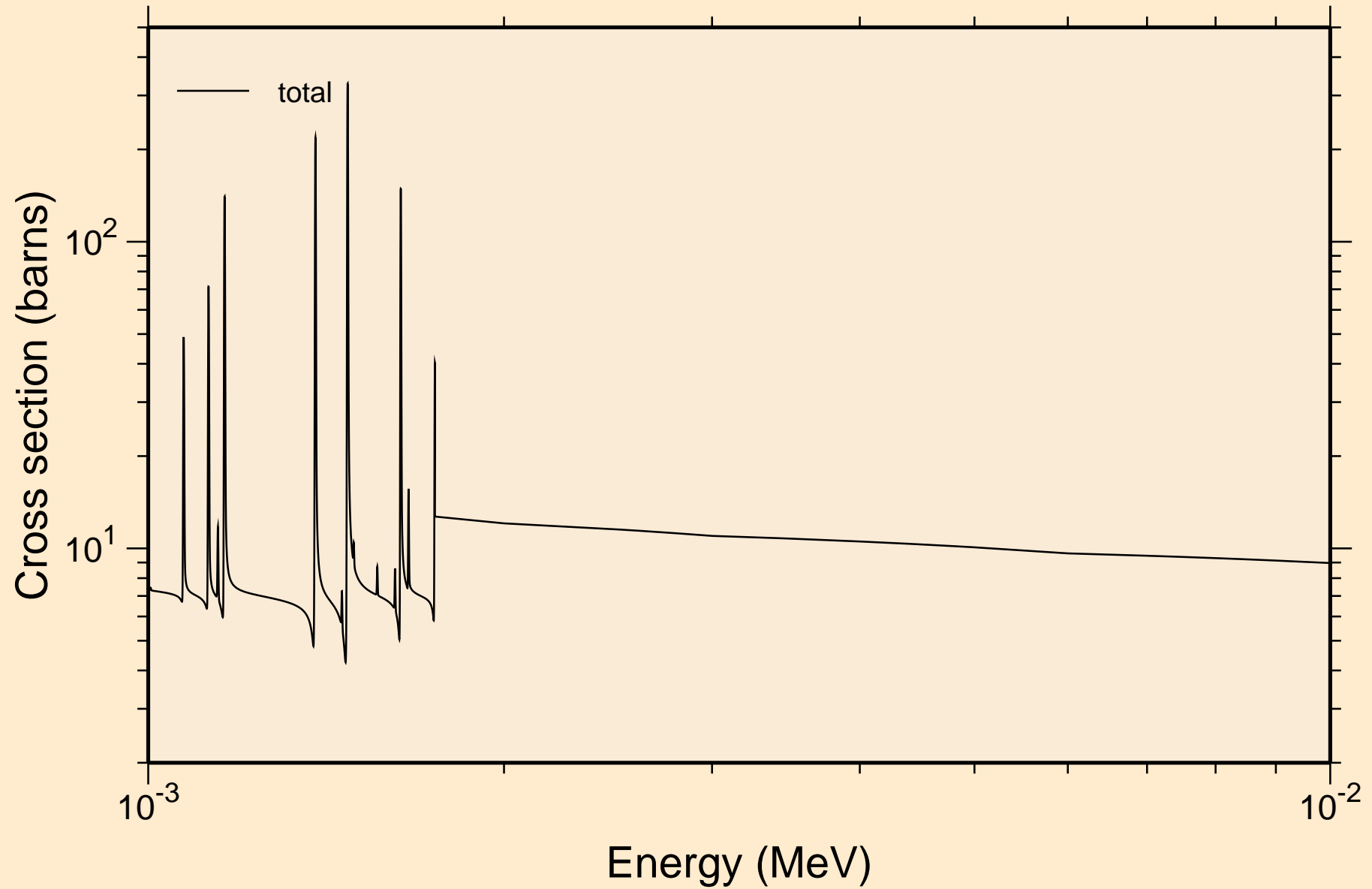
## Principal cross sections



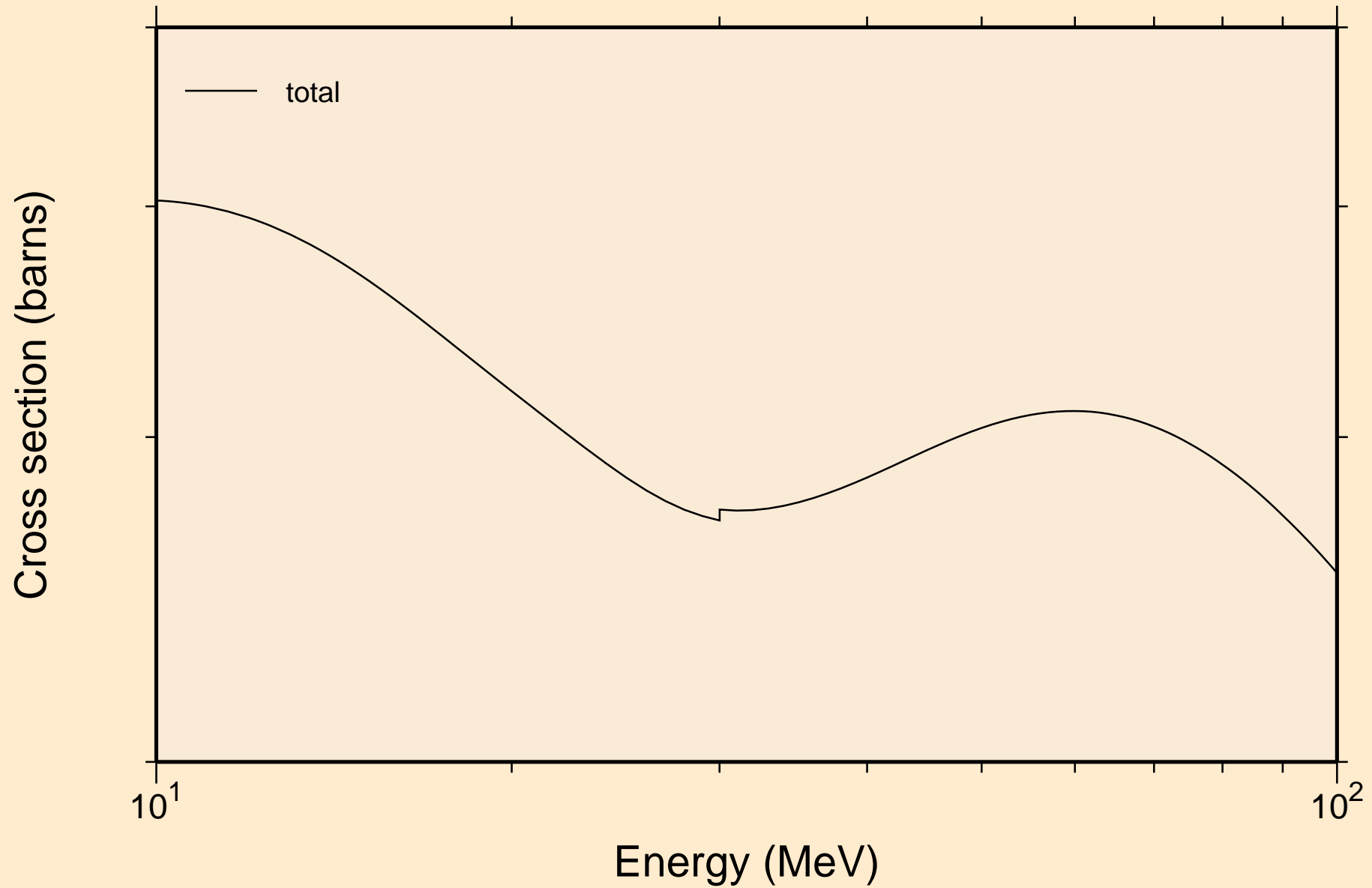
ZR084 NRG TENDL-2015, AKONING  
resonance total cross section



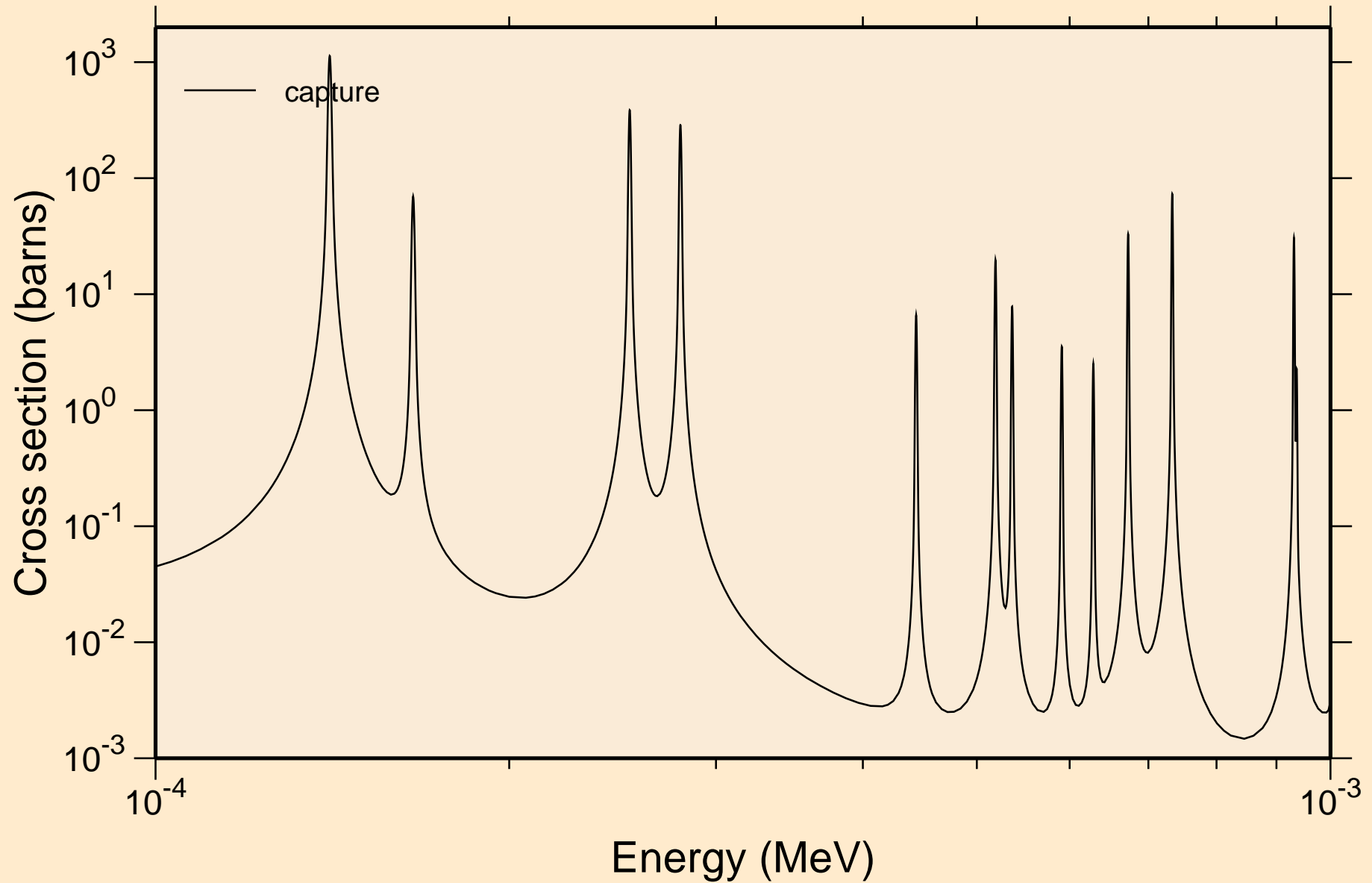
ZR084 NRG TENDL-2015, AKONING  
resonance total cross section



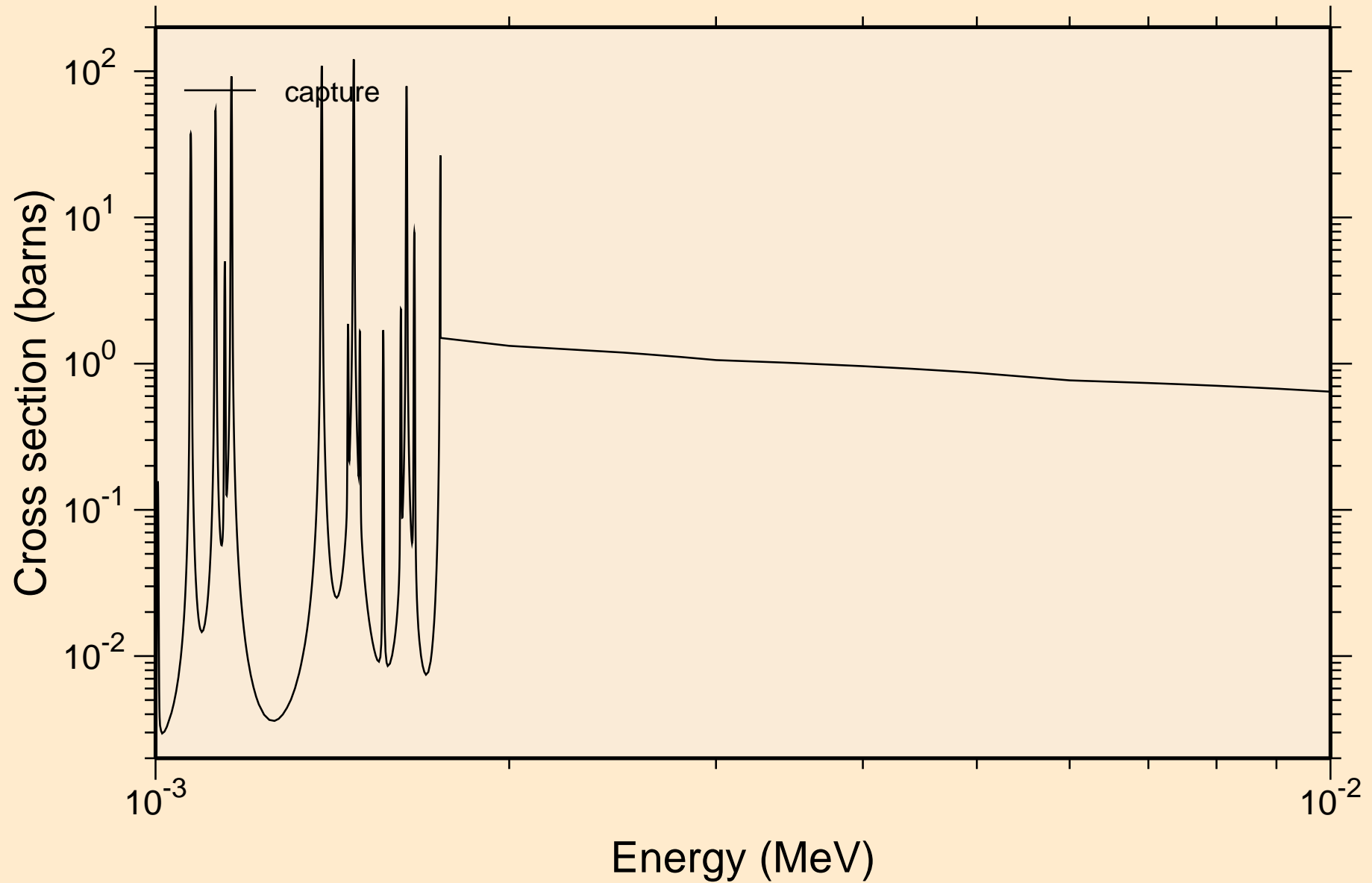
ZR084 NRG TENDL-2015, AKONING  
resonance total cross section



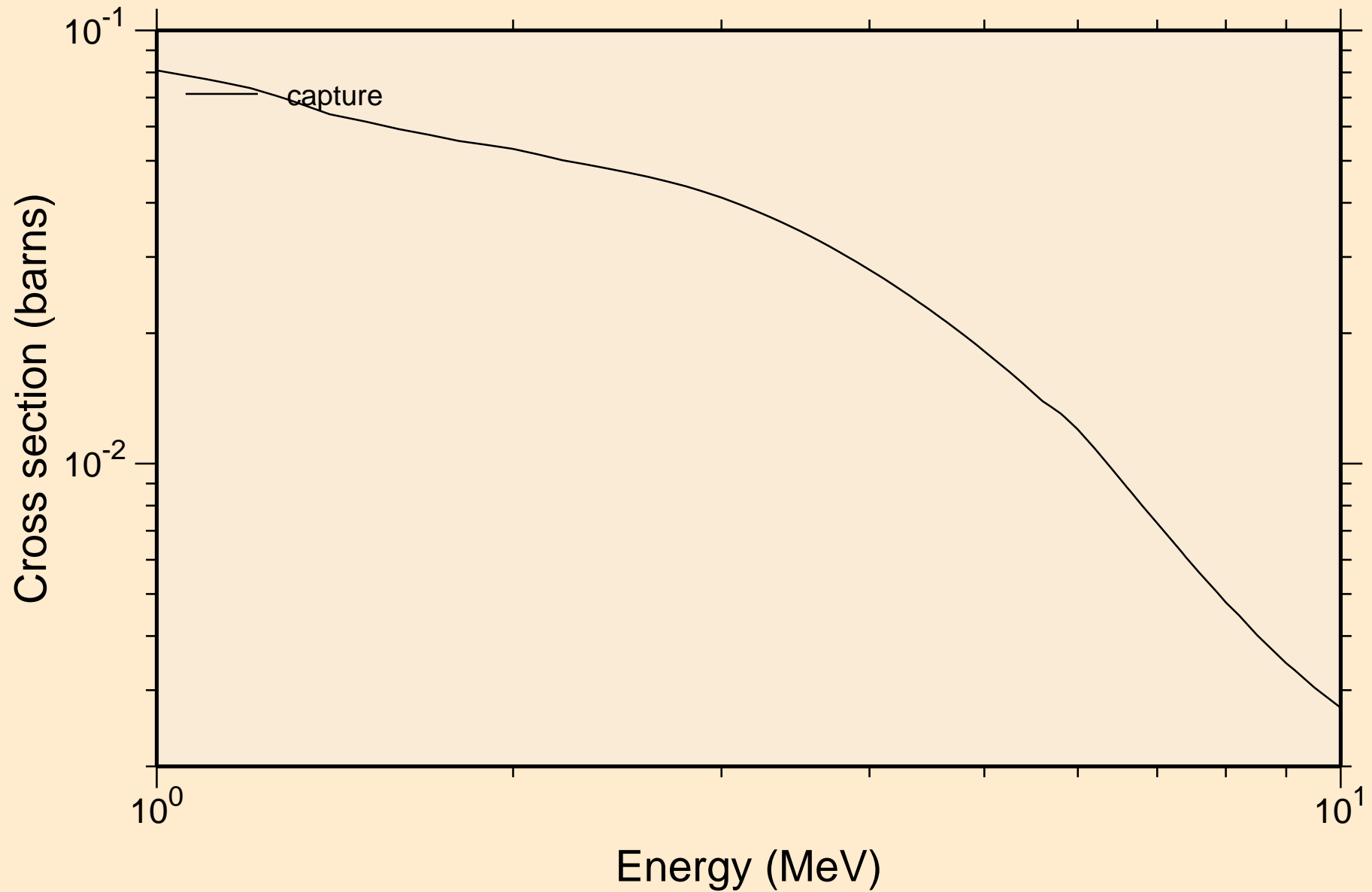
ZR084 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ZR084 NRG TENDL-2015, AKONING  
resonance absorption cross sections

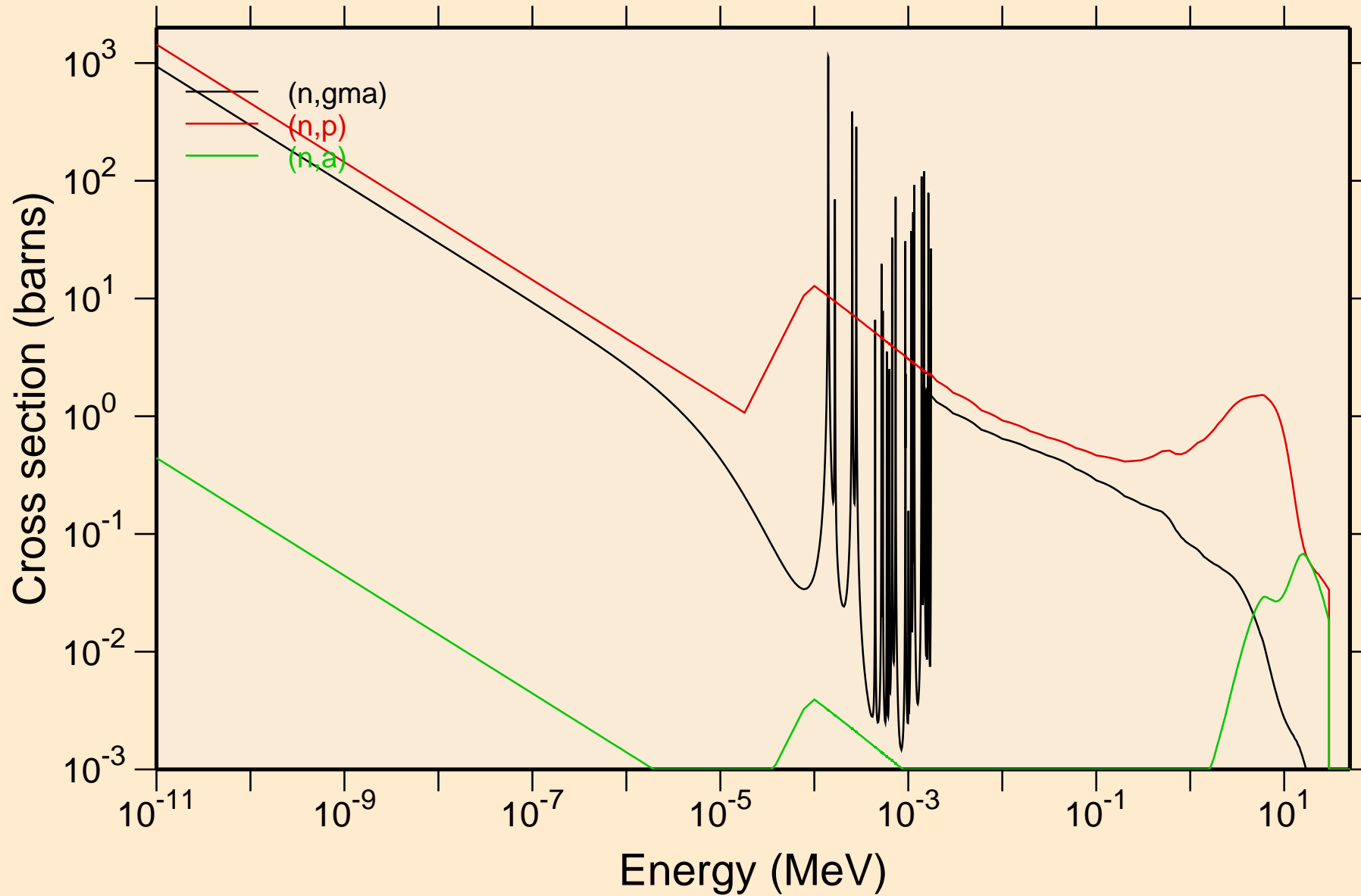


ZR084 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# ZR084 NRG TENDL-2015, AKONING

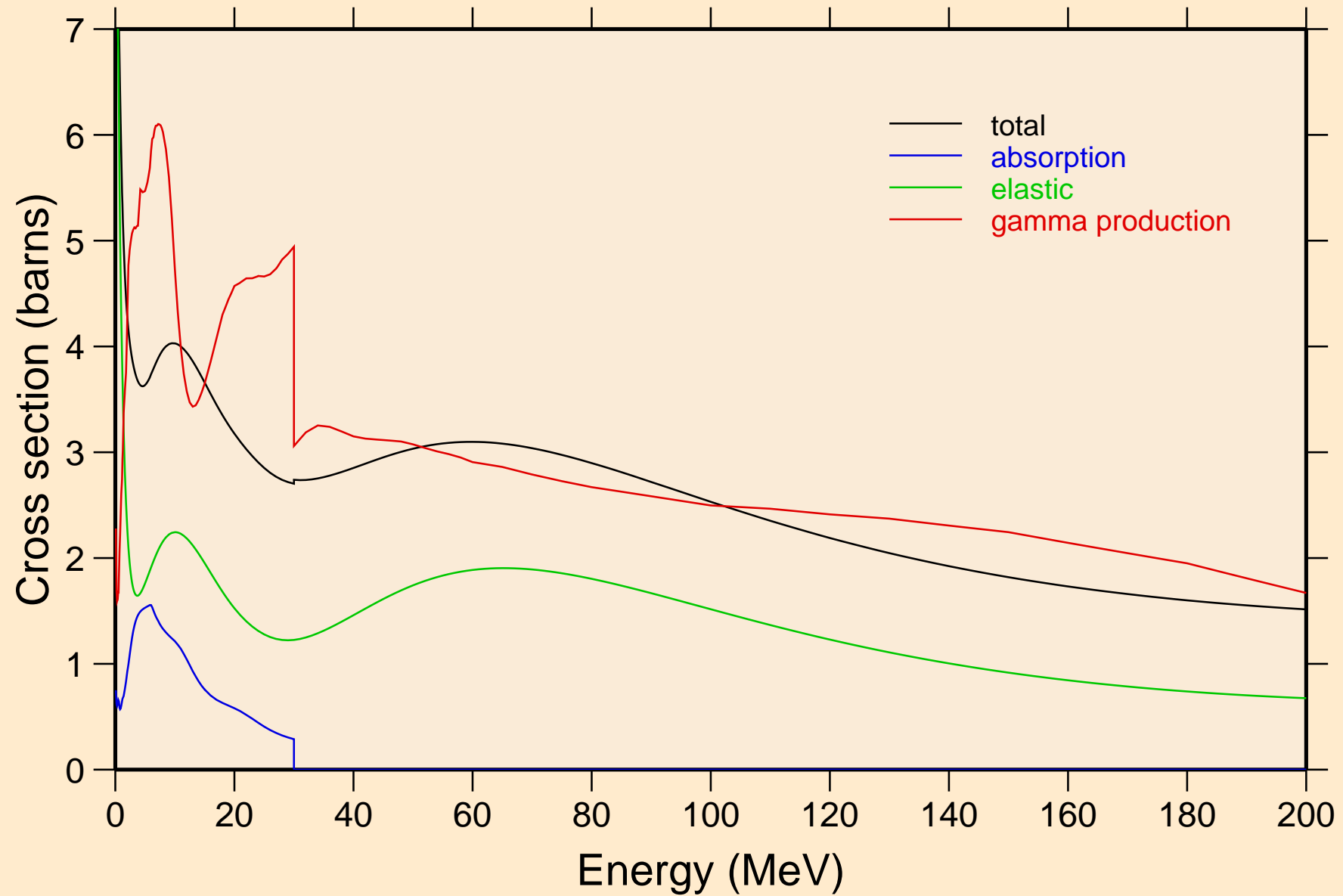
## Non-threshold reactions





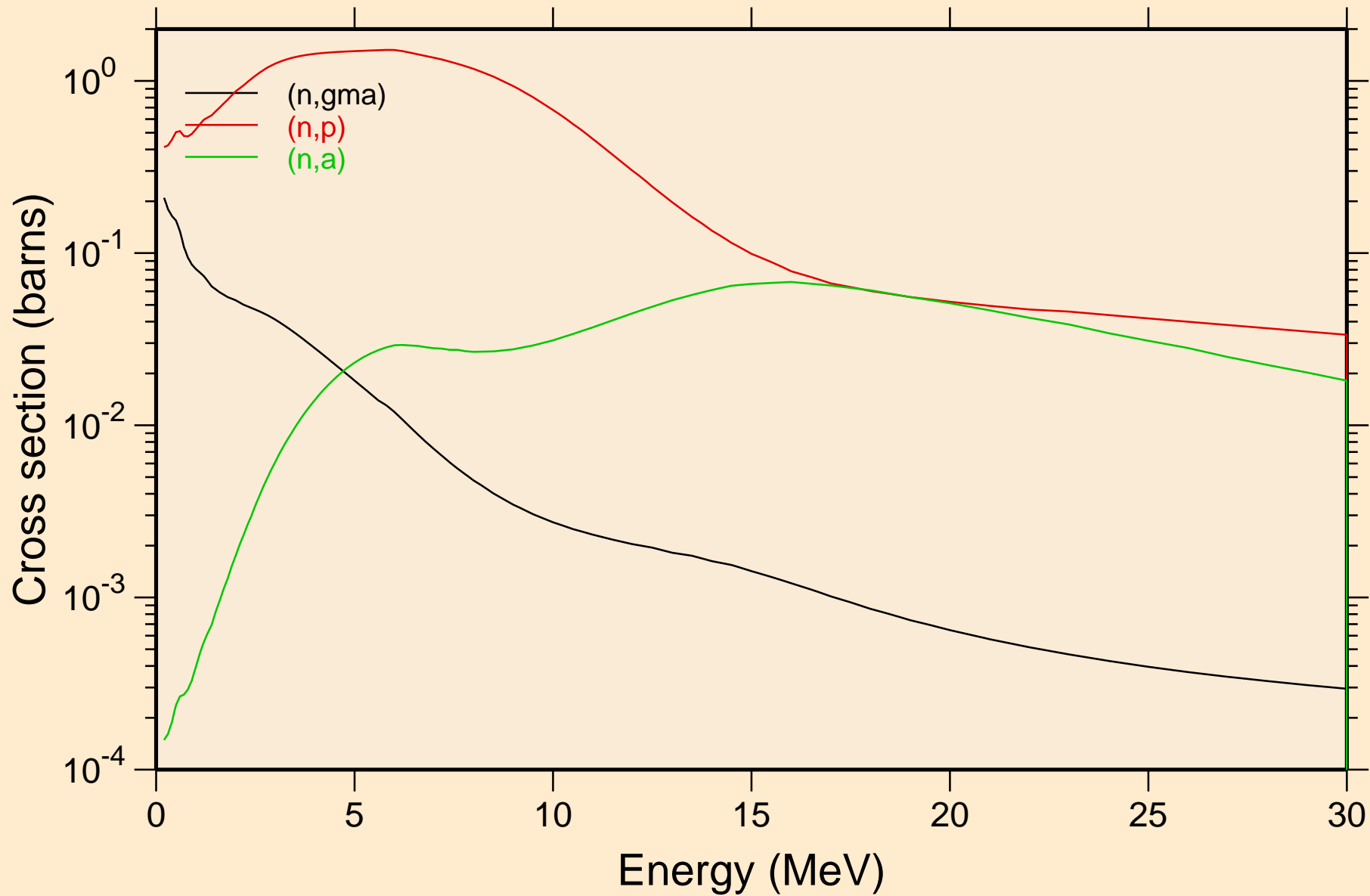
# ZR084 NRG TENDL-2015, AKONING

## Principal cross sections



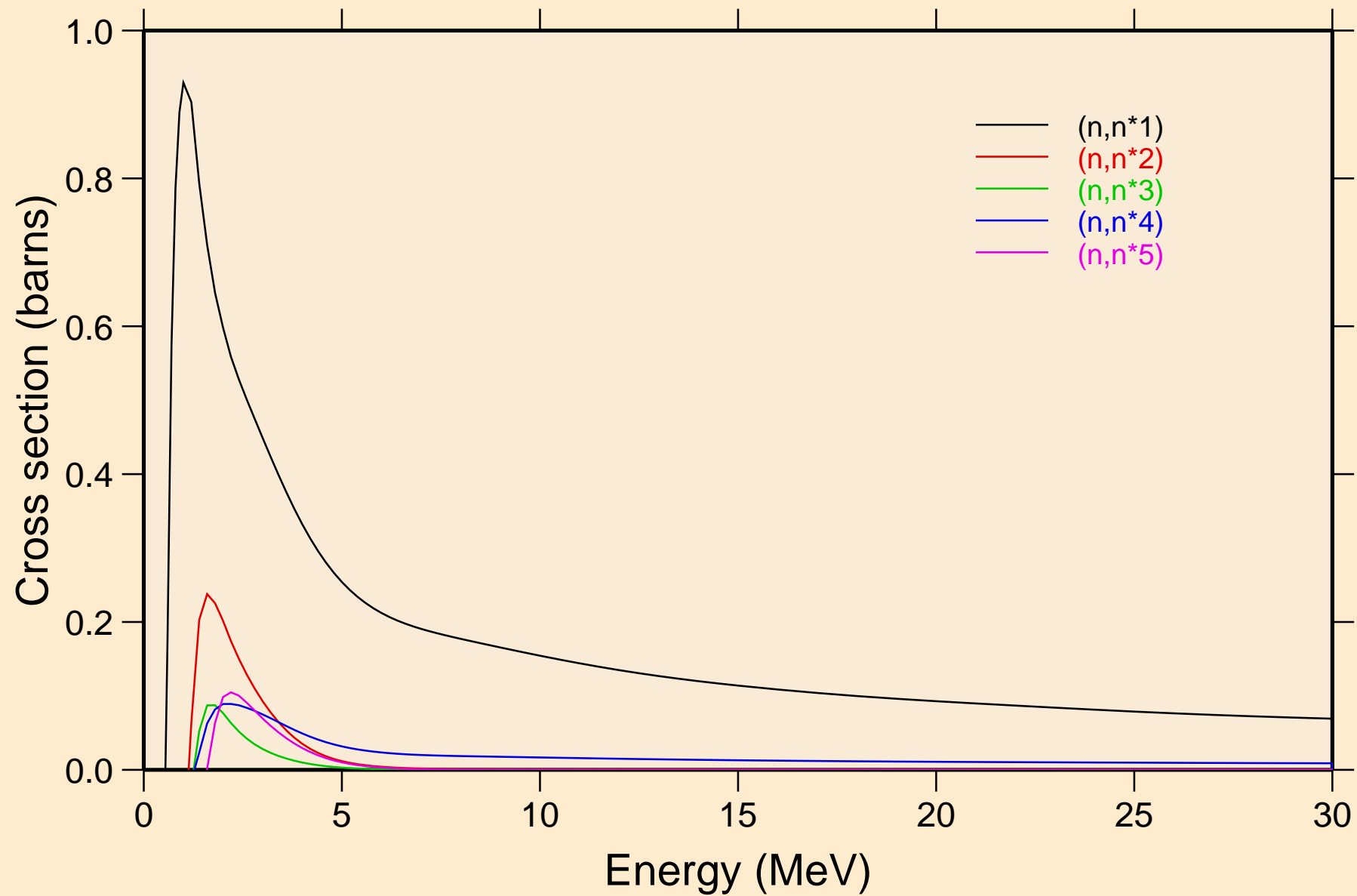
# ZR084 NRG TENDL-2015, AKONING

## Non-threshold reactions



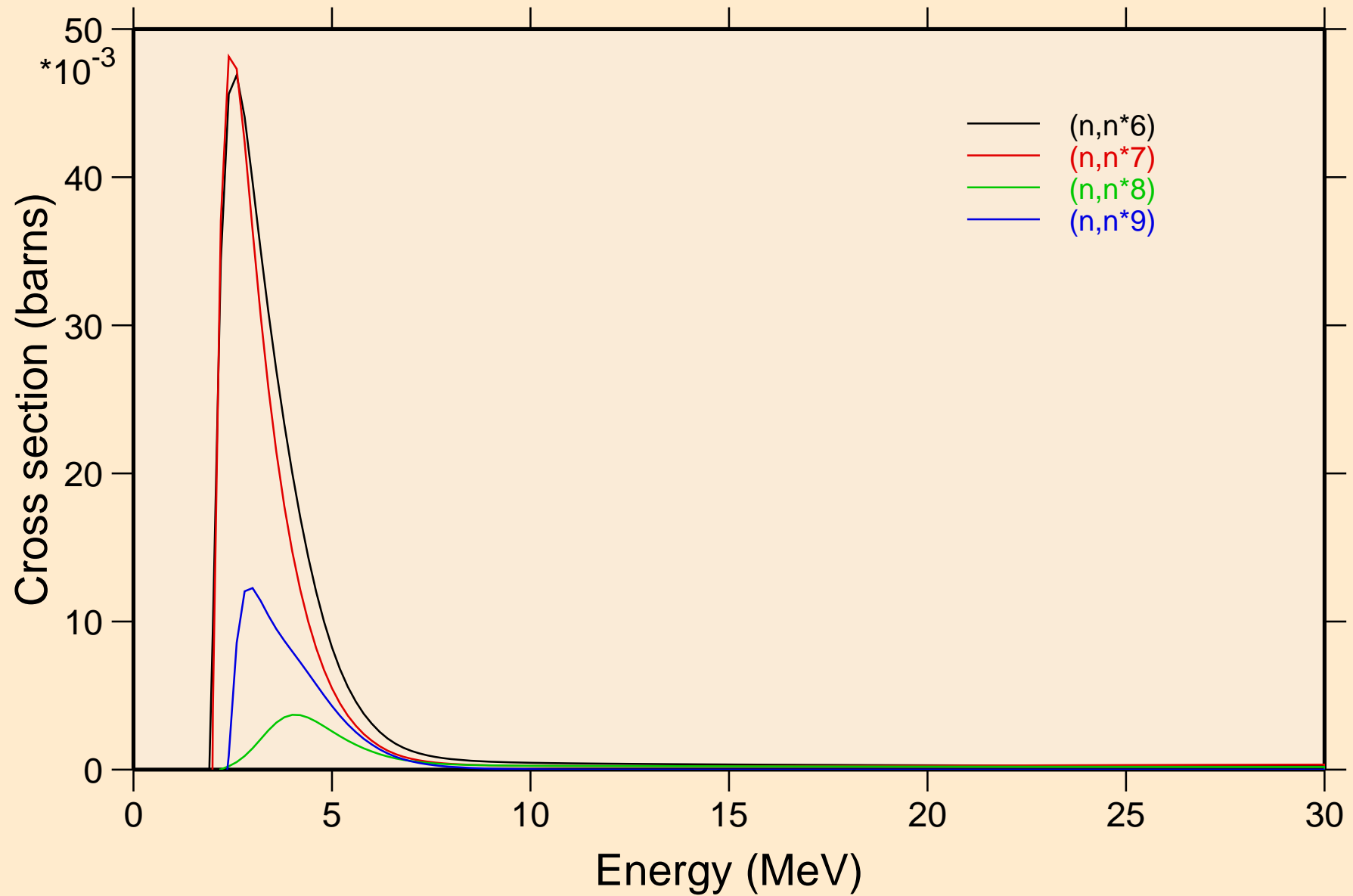
# ZR084 NRG TENDL-2015, AKONING

## Inelastic levels



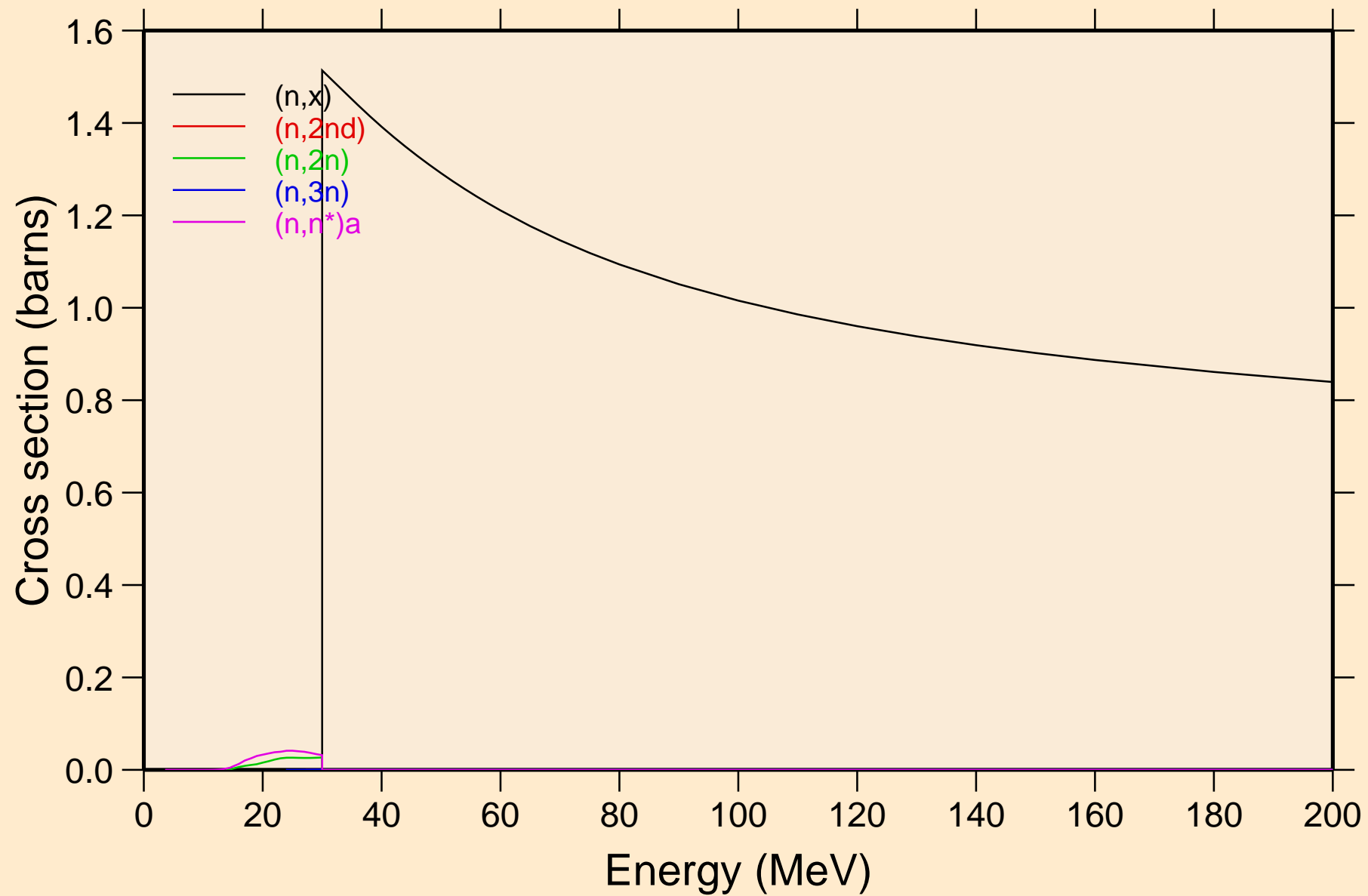
# ZR084 NRG TENDL-2015, AKONING

## Inelastic levels



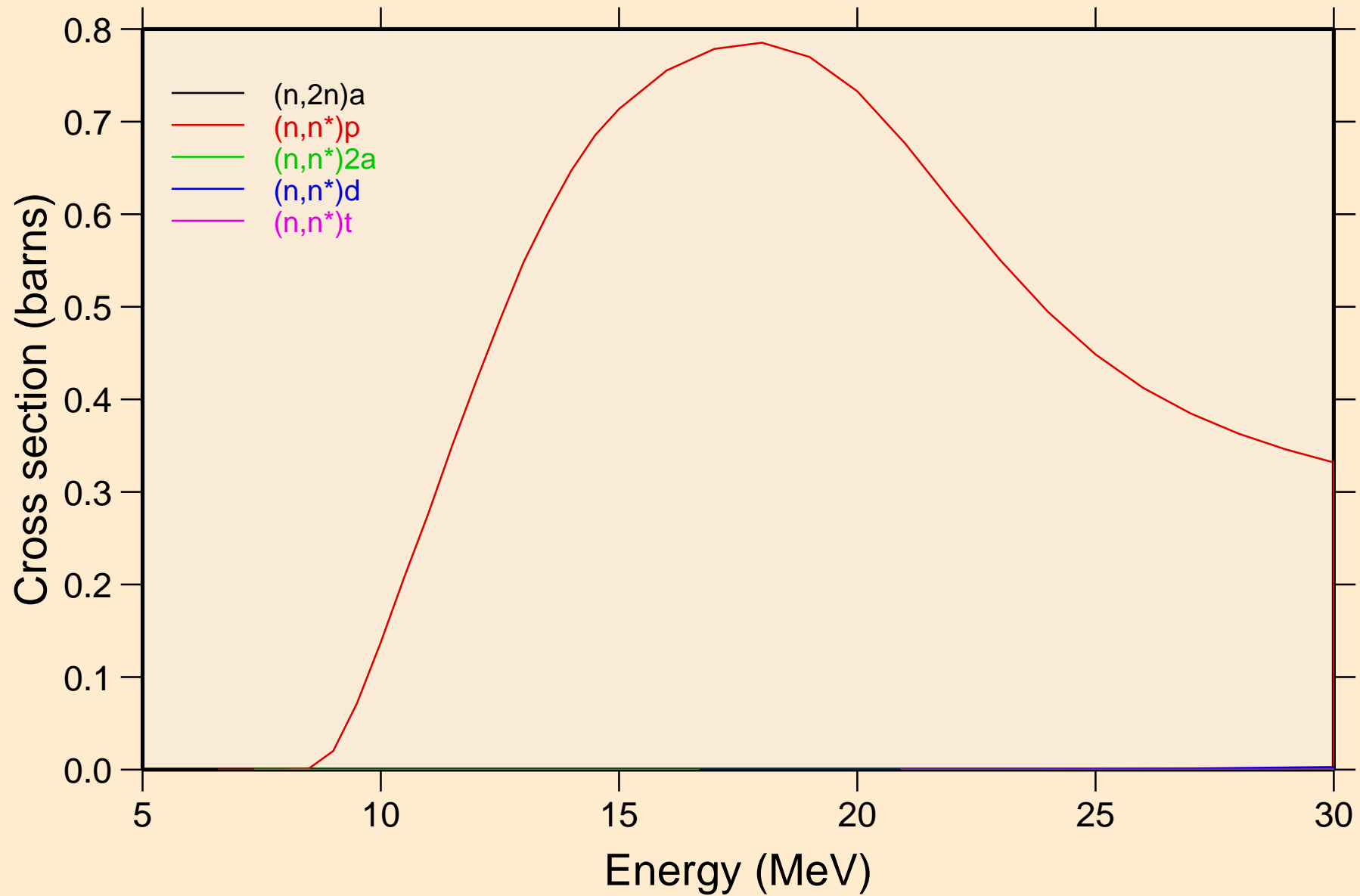
# ZR084 NRG TENDL-2015, AKONING

## Threshold reactions



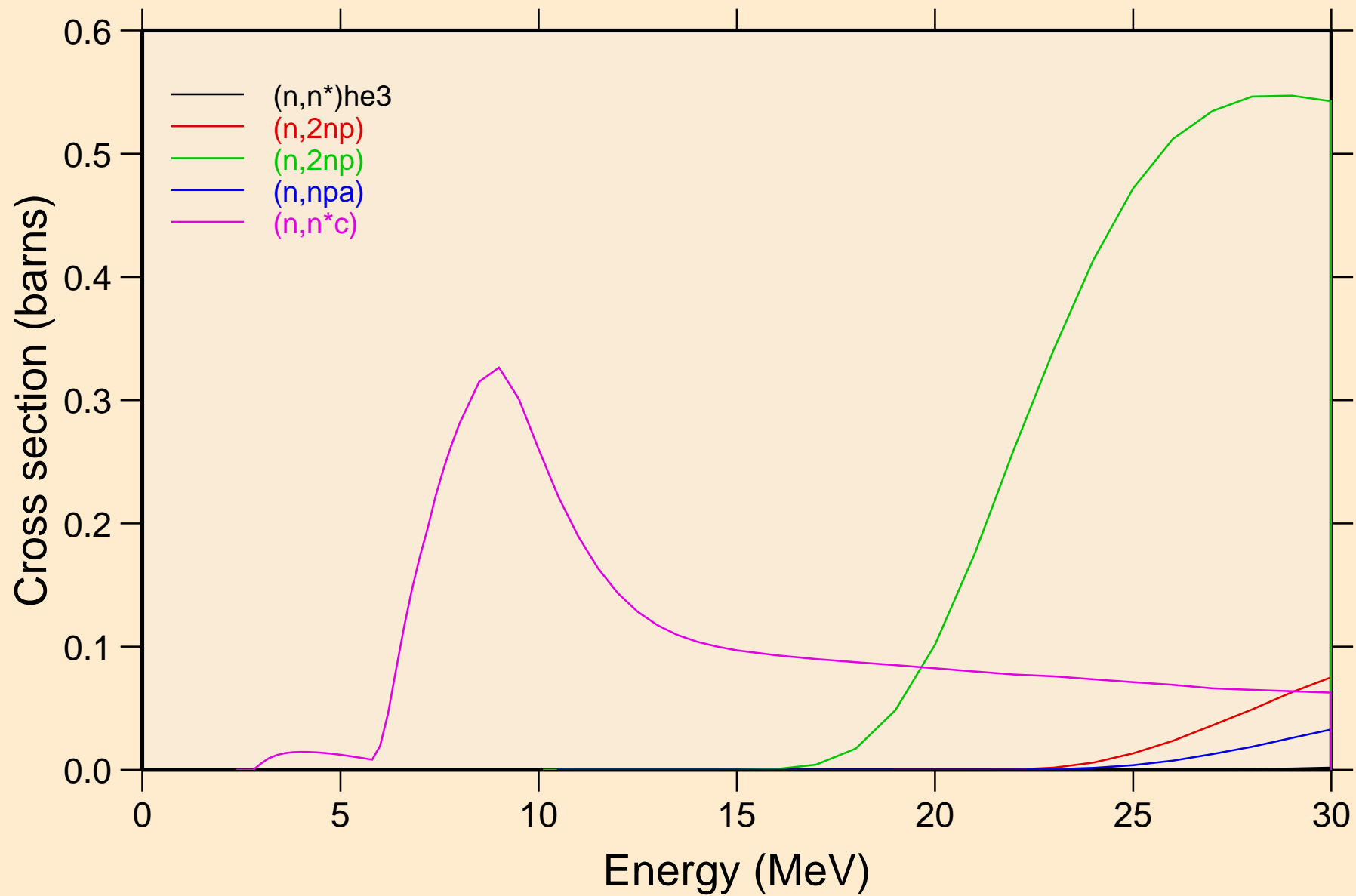
# ZR084 NRG TENDL-2015, AKONING

## Threshold reactions



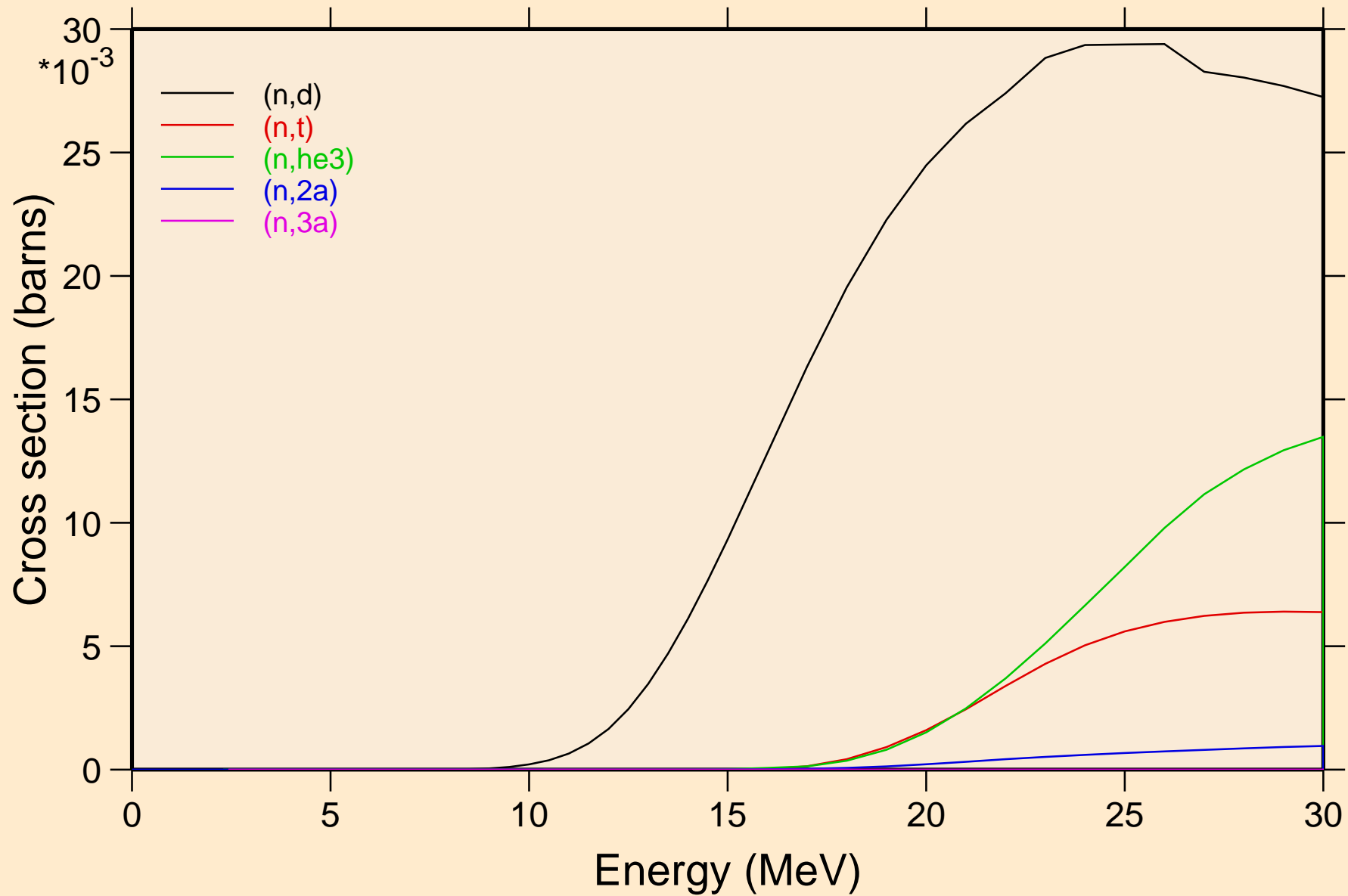
# ZR084 NRG TENDL-2015, AKONING

## Threshold reactions



# ZR084 NRG TENDL-2015, AKONING

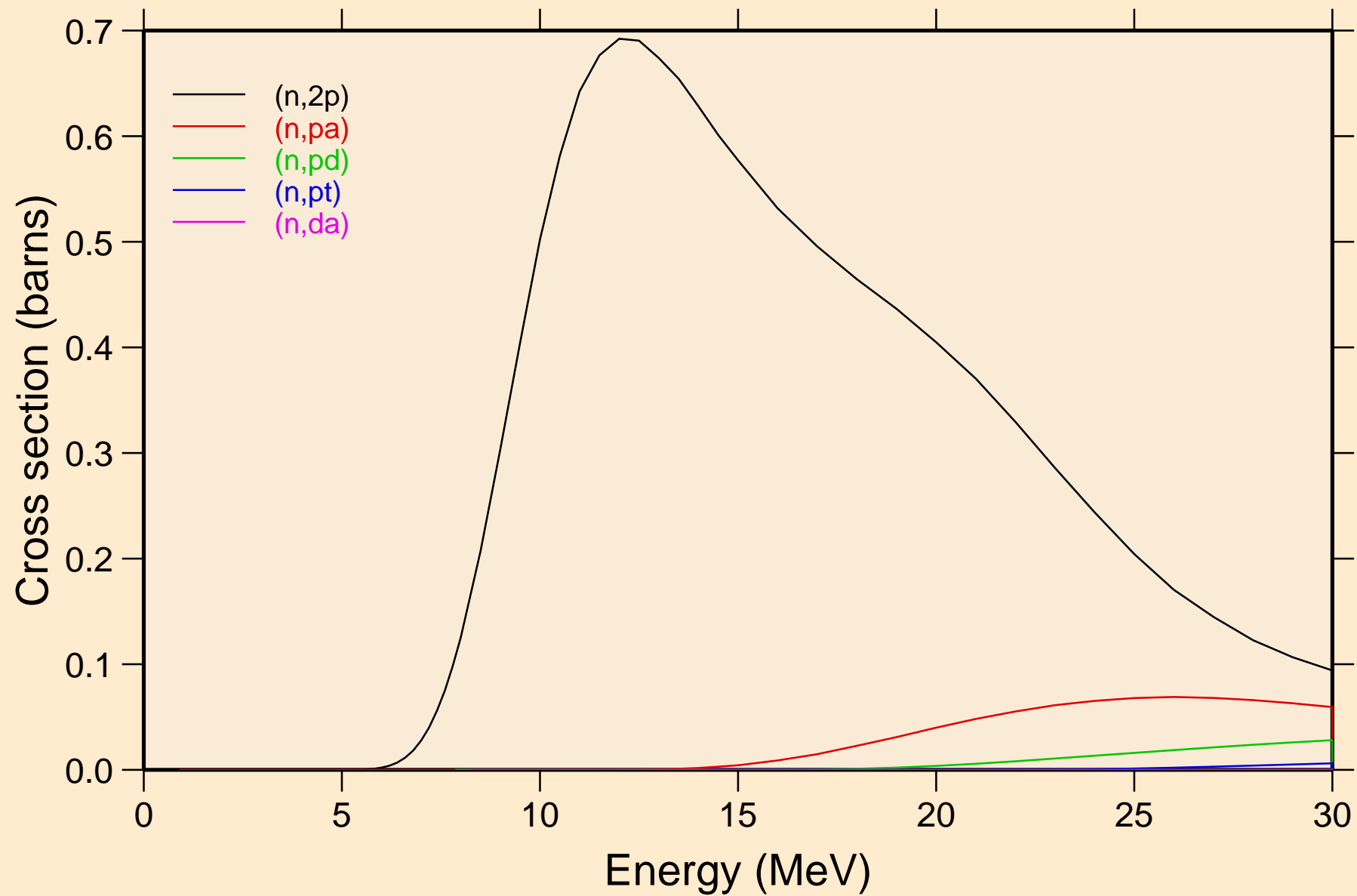
## Threshold reactions



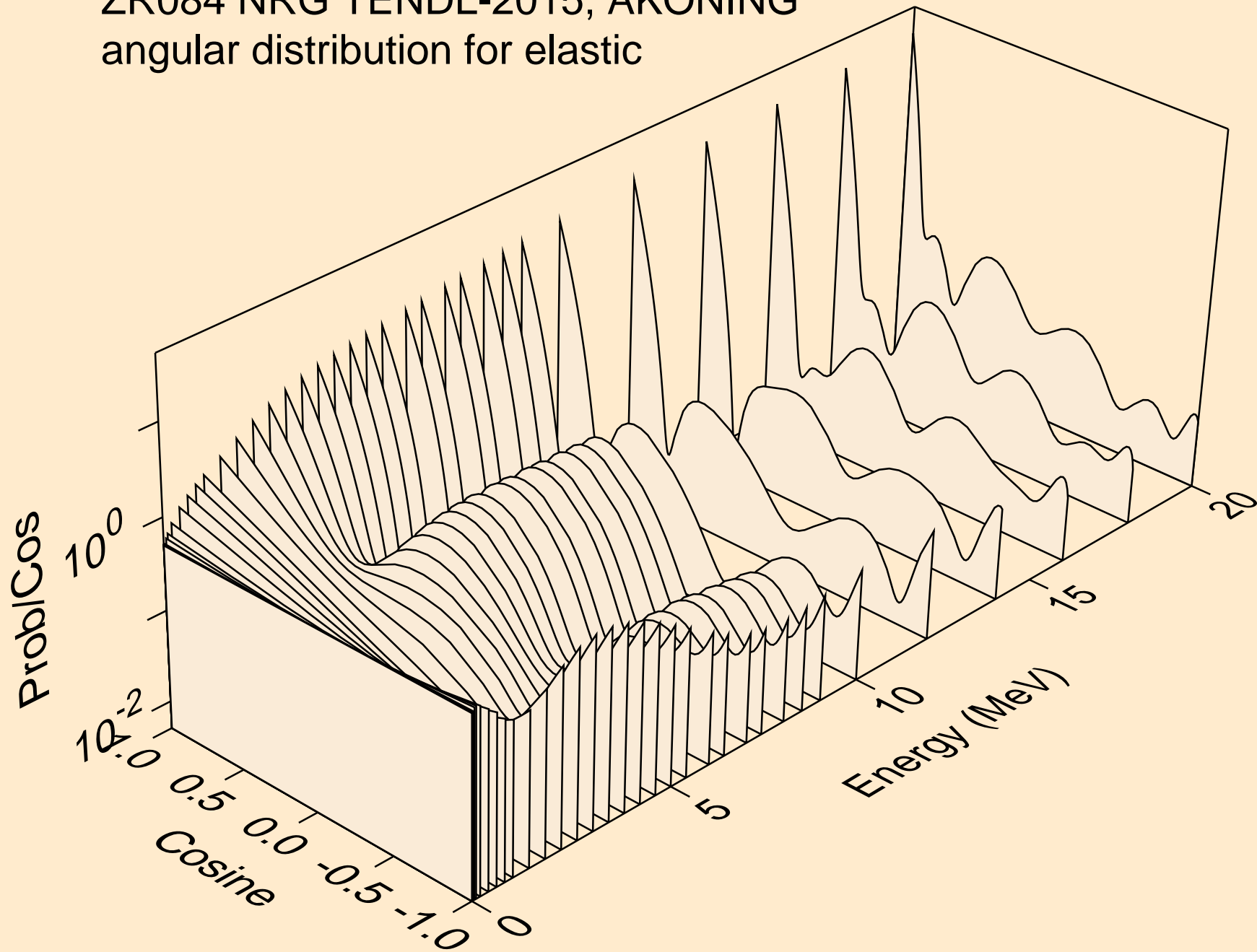


# ZR084 NRG TENDL-2015, AKONING

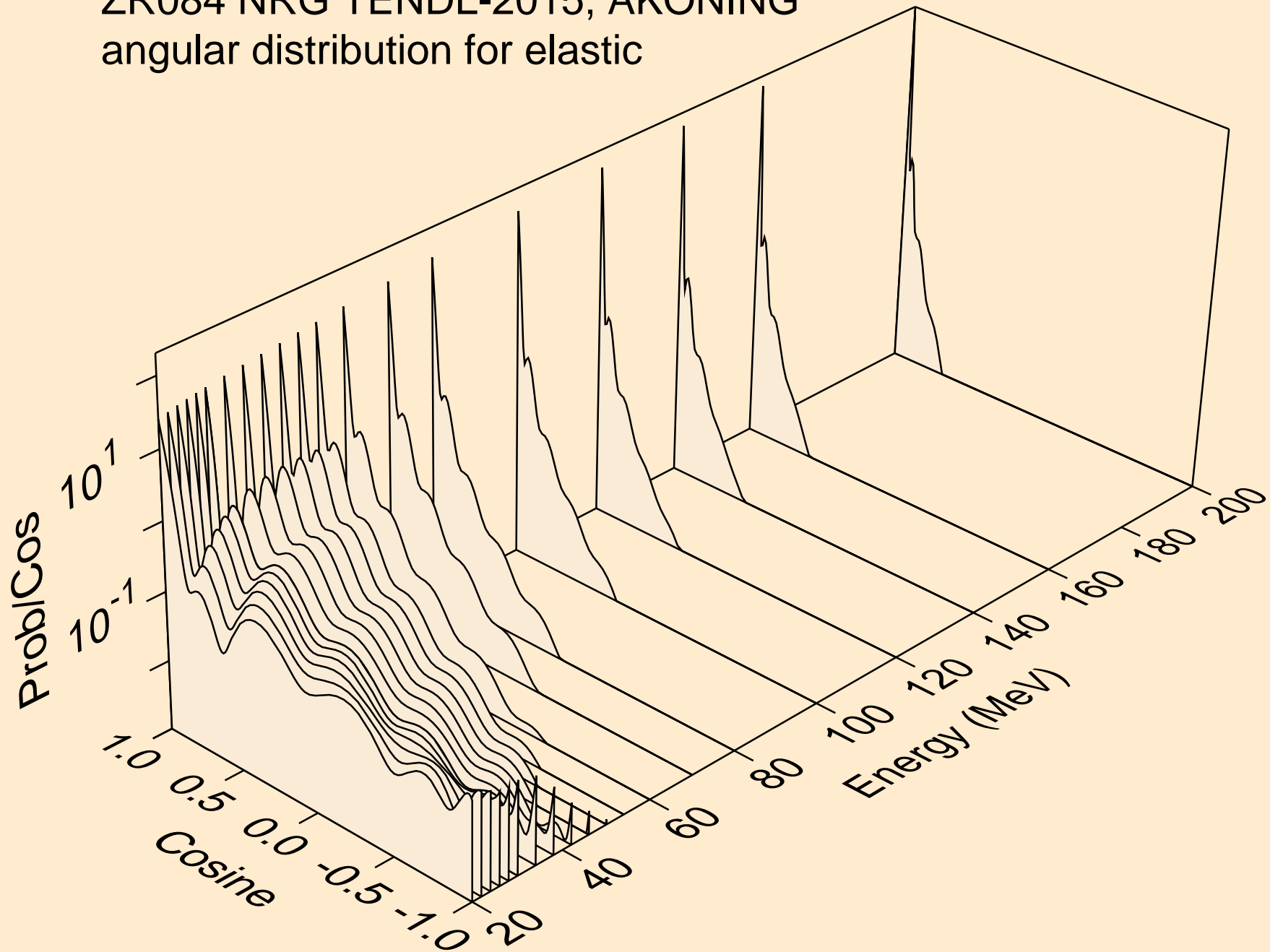
## Threshold reactions



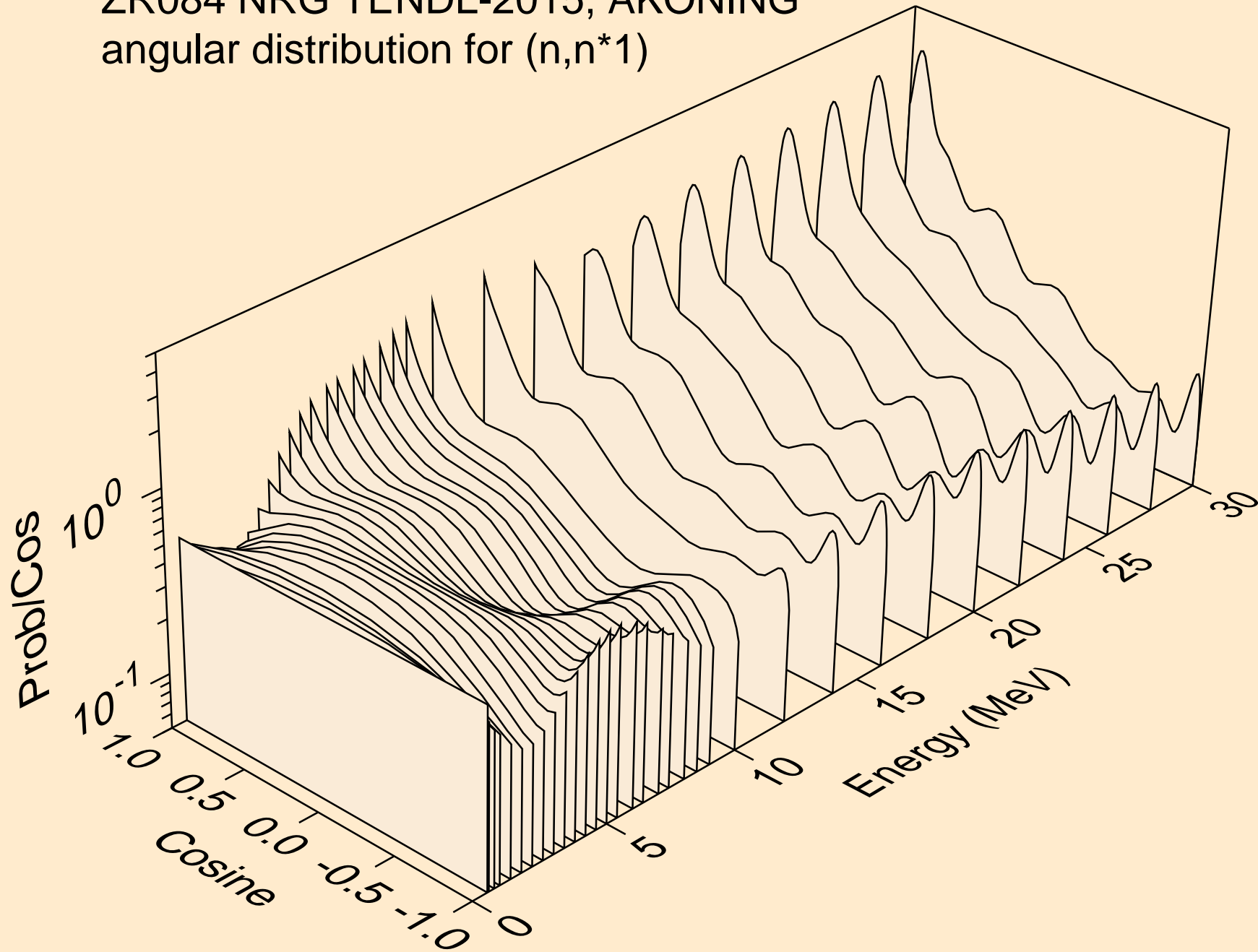
ZR084 NRG TENDL-2015, AKONING  
angular distribution for elastic



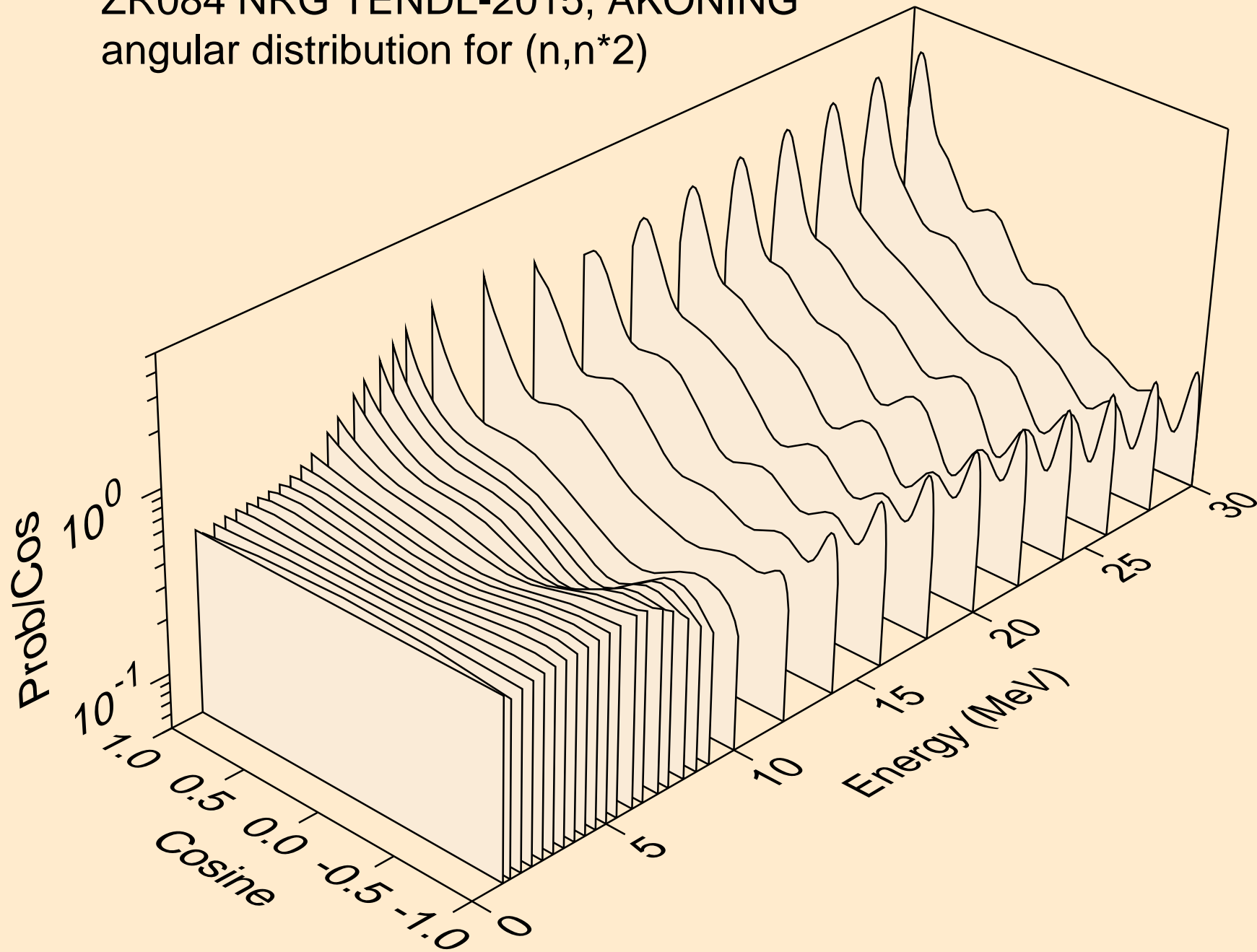
ZR084 NRG TENDL-2015, AKONING  
angular distribution for elastic



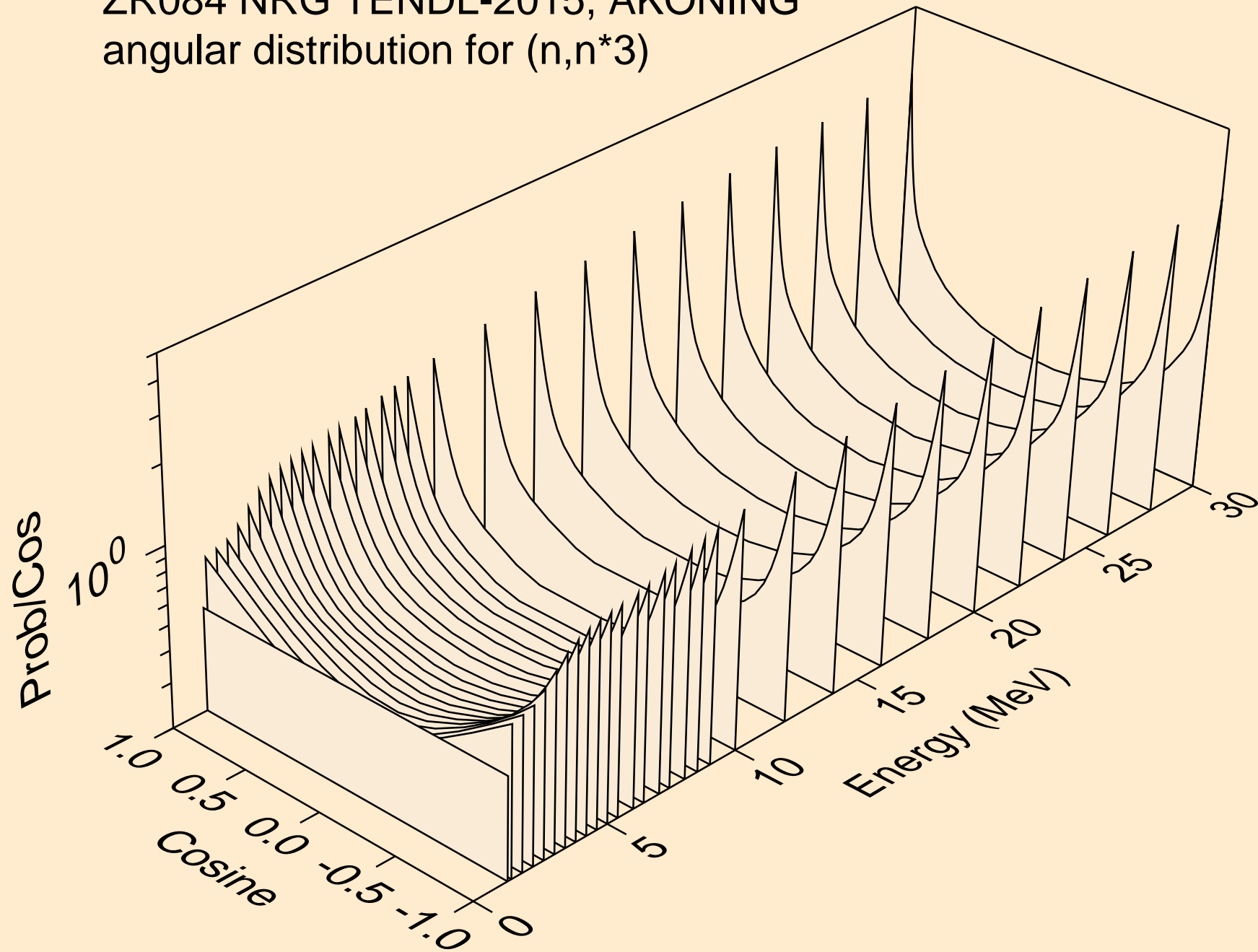
ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



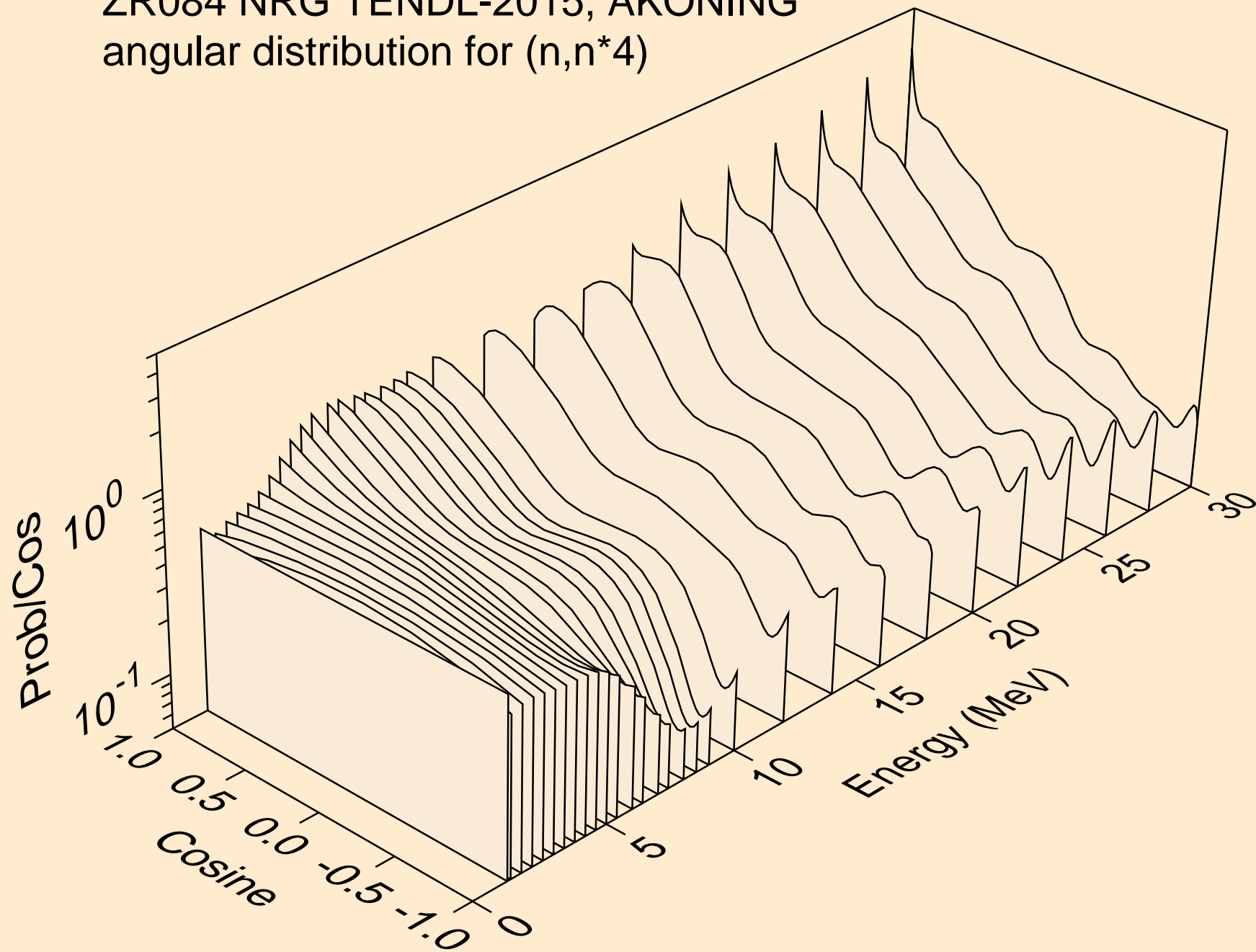
ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



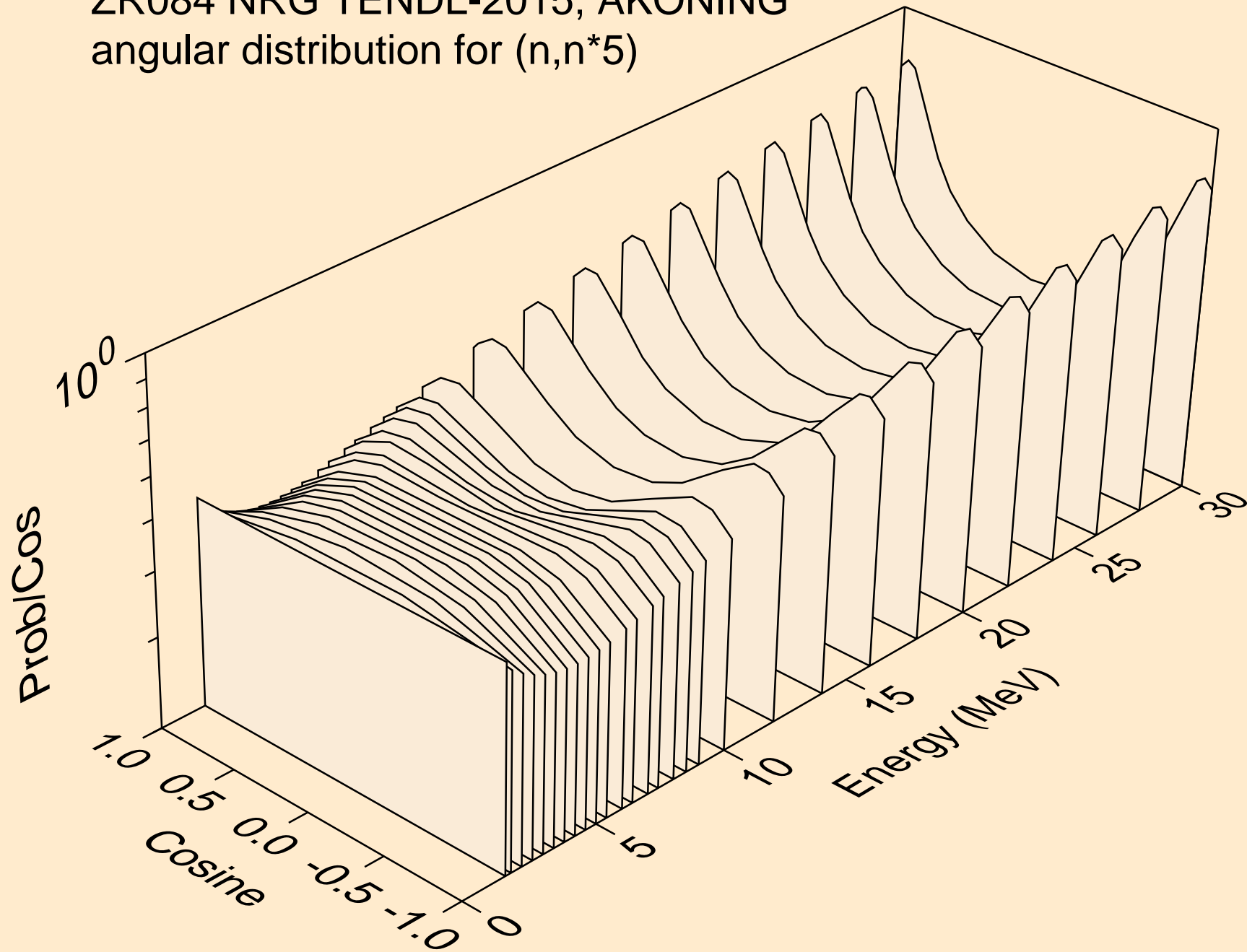
ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

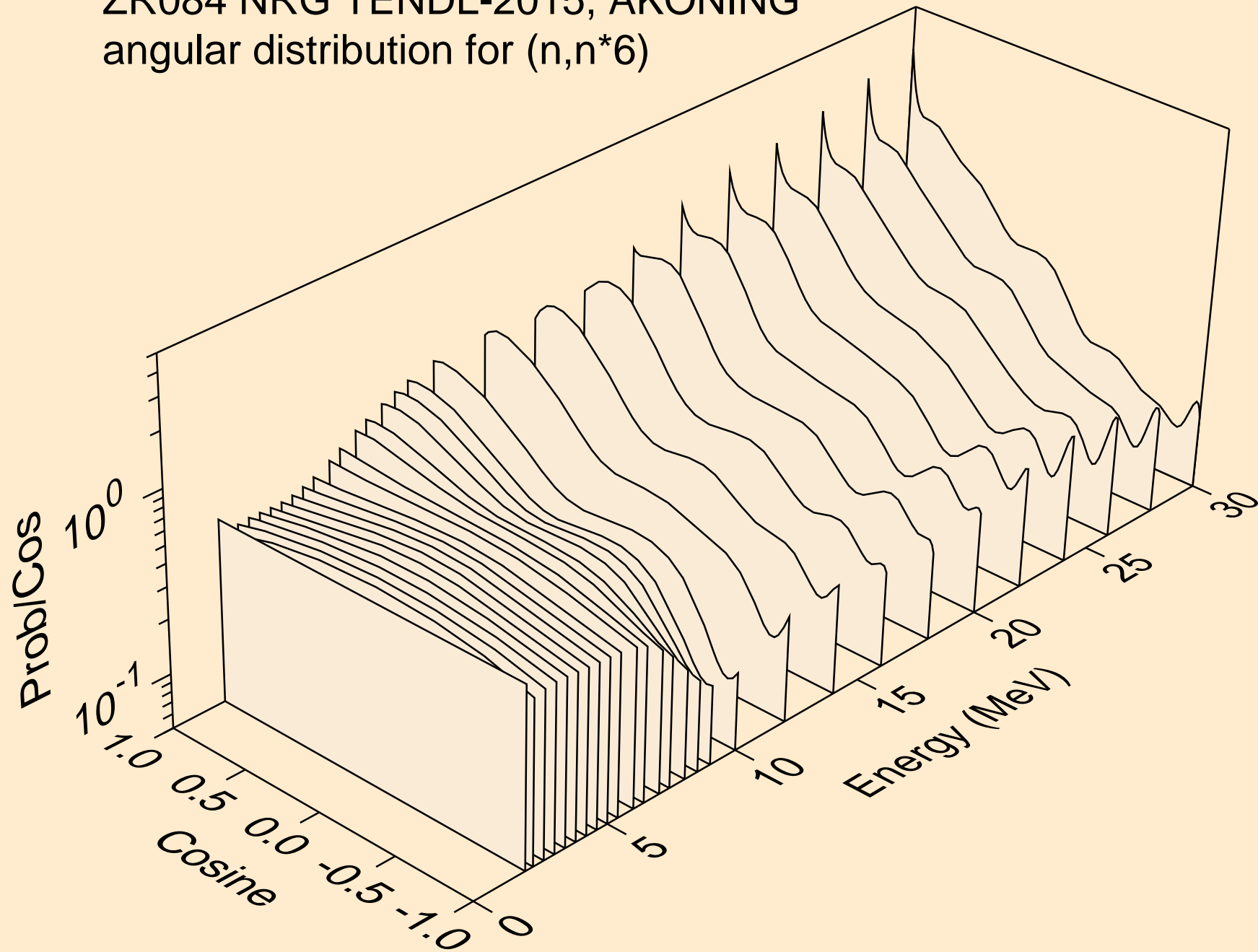


ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

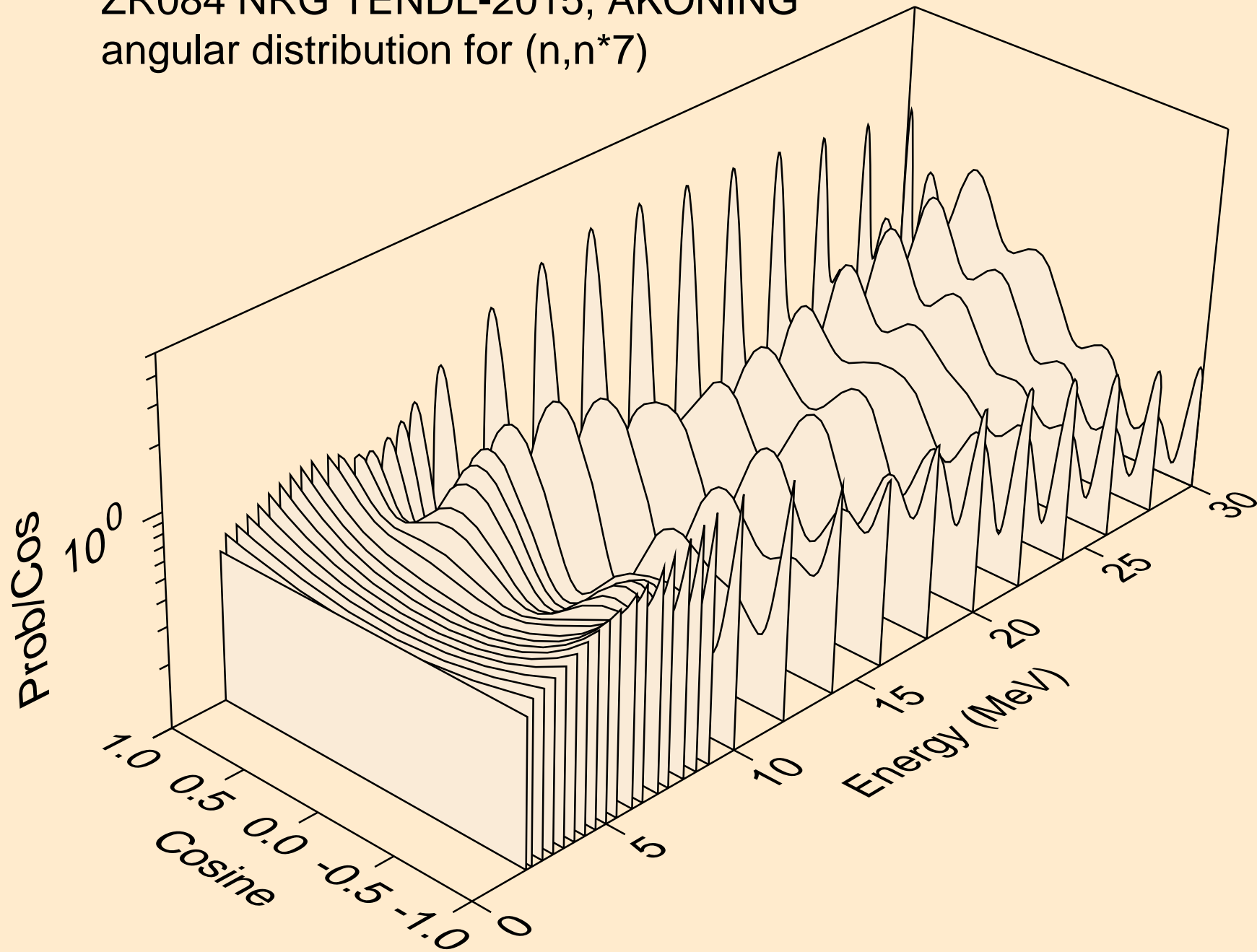




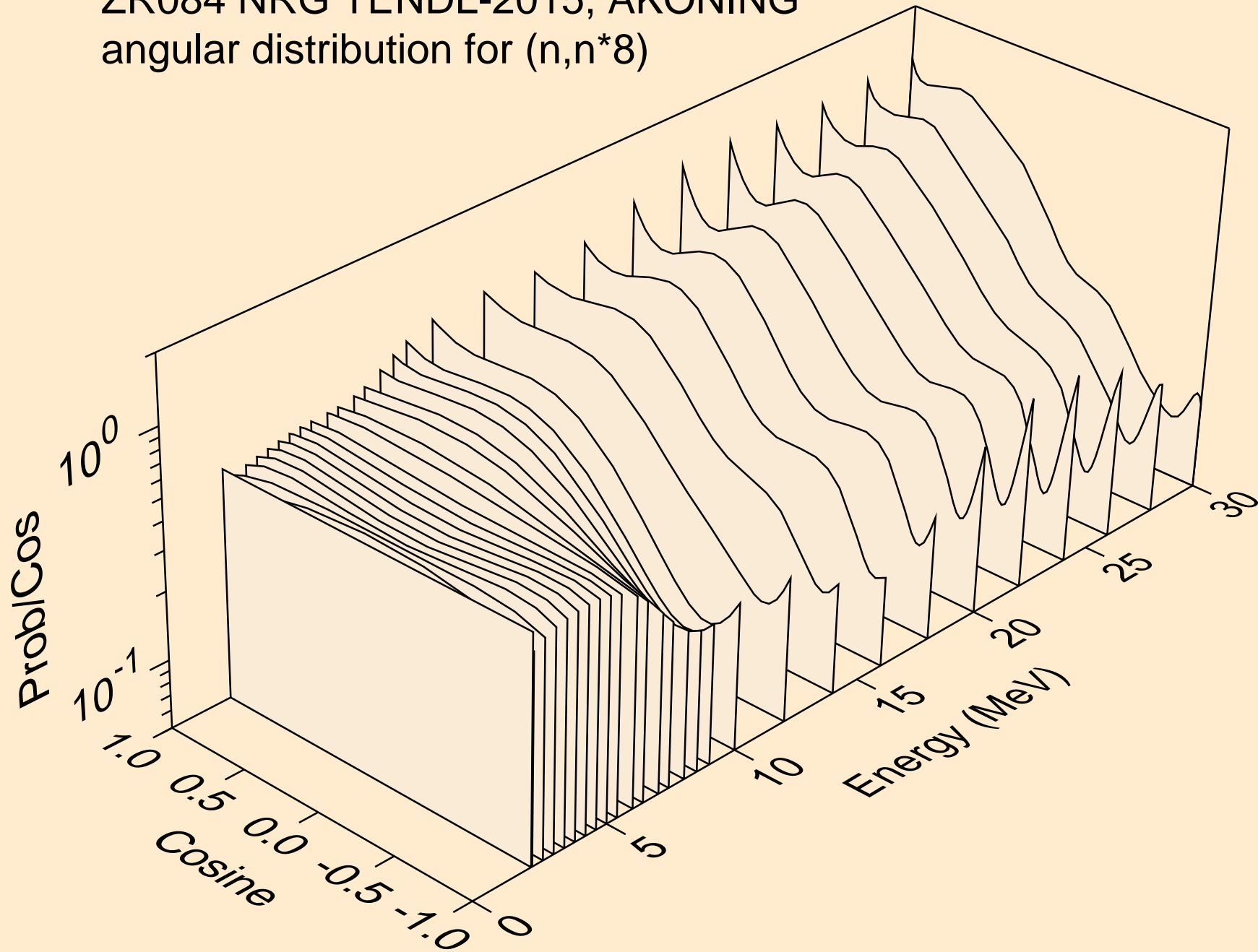
ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



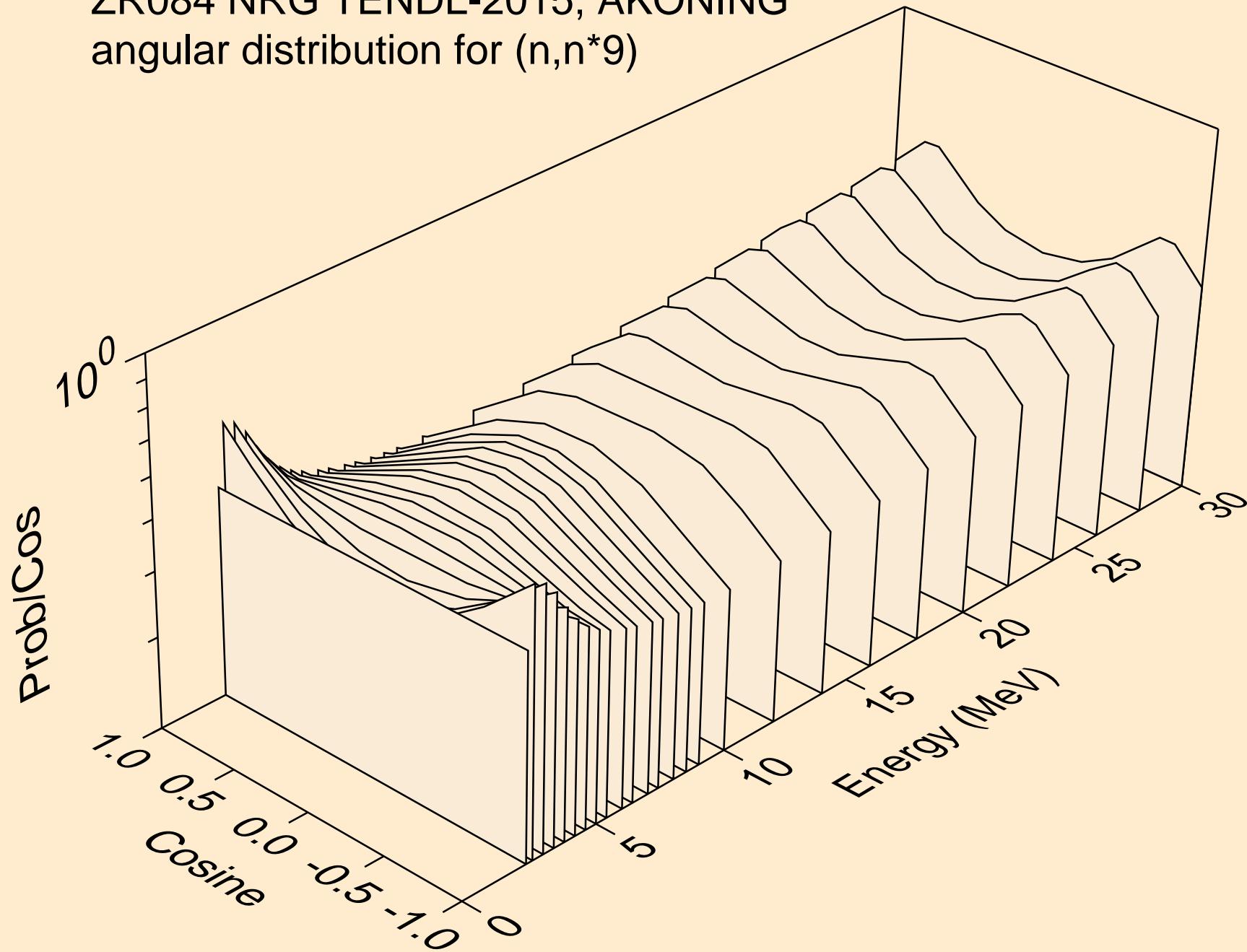
ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



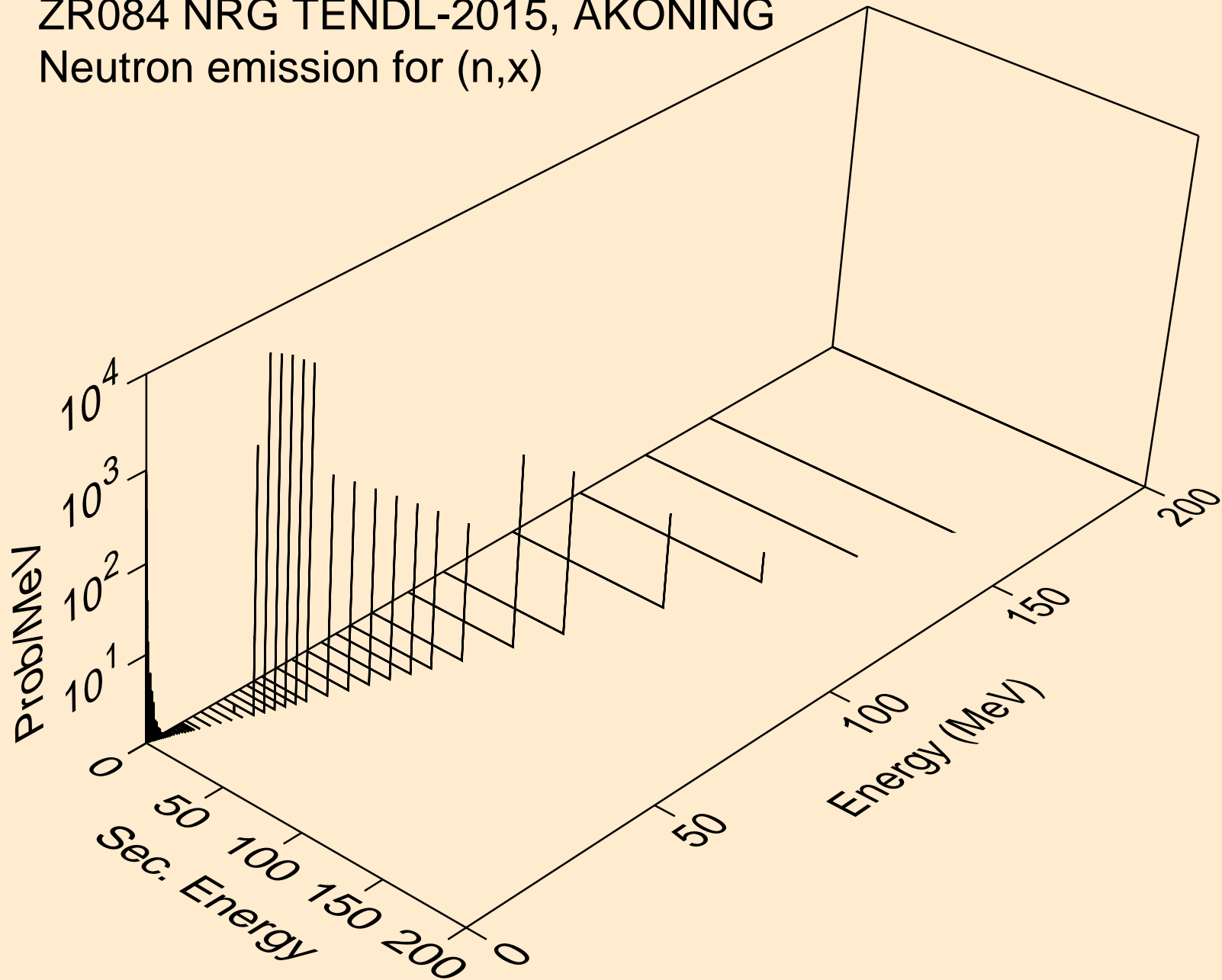
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angular distribution for (n,n\*8)



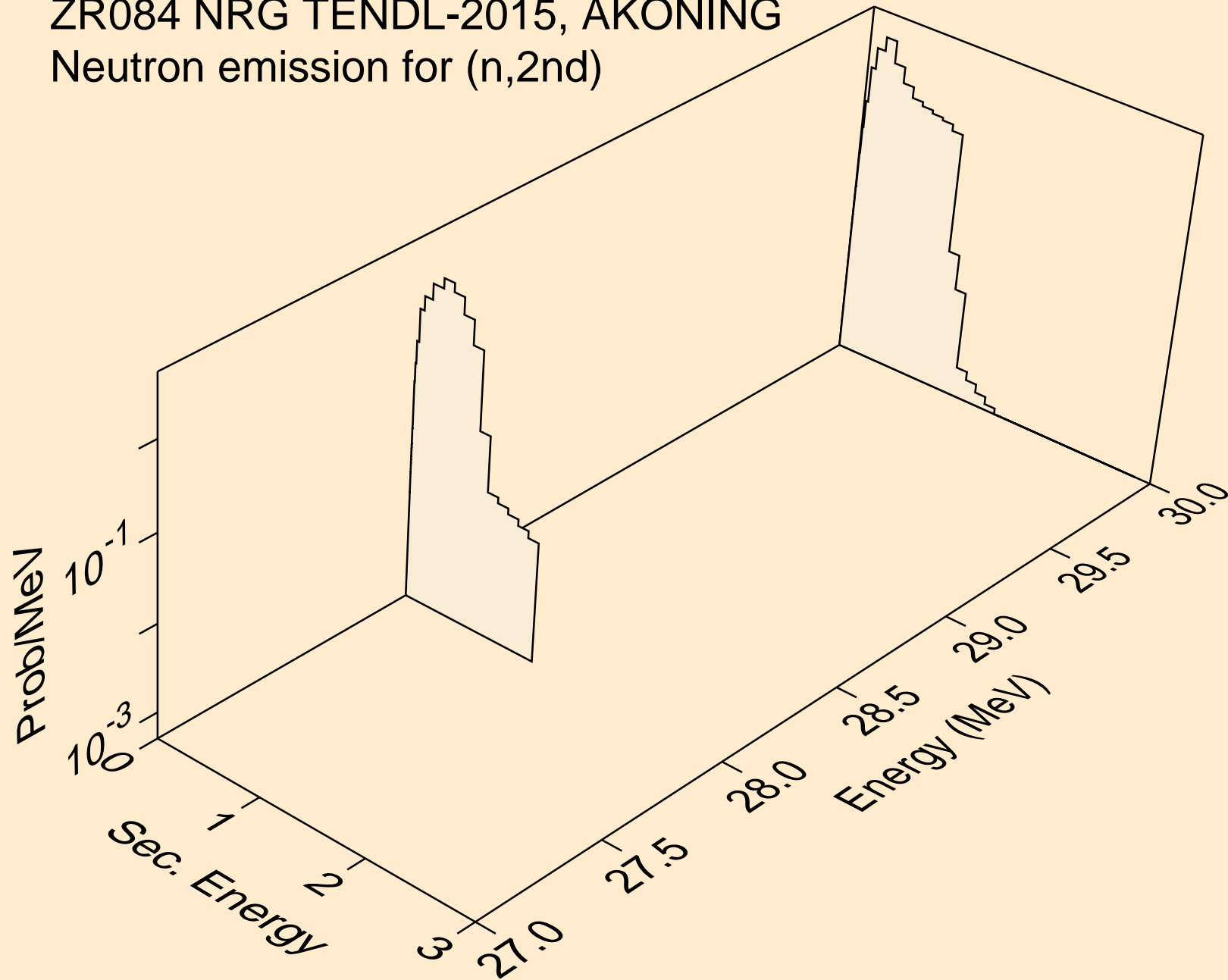
ZR084 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



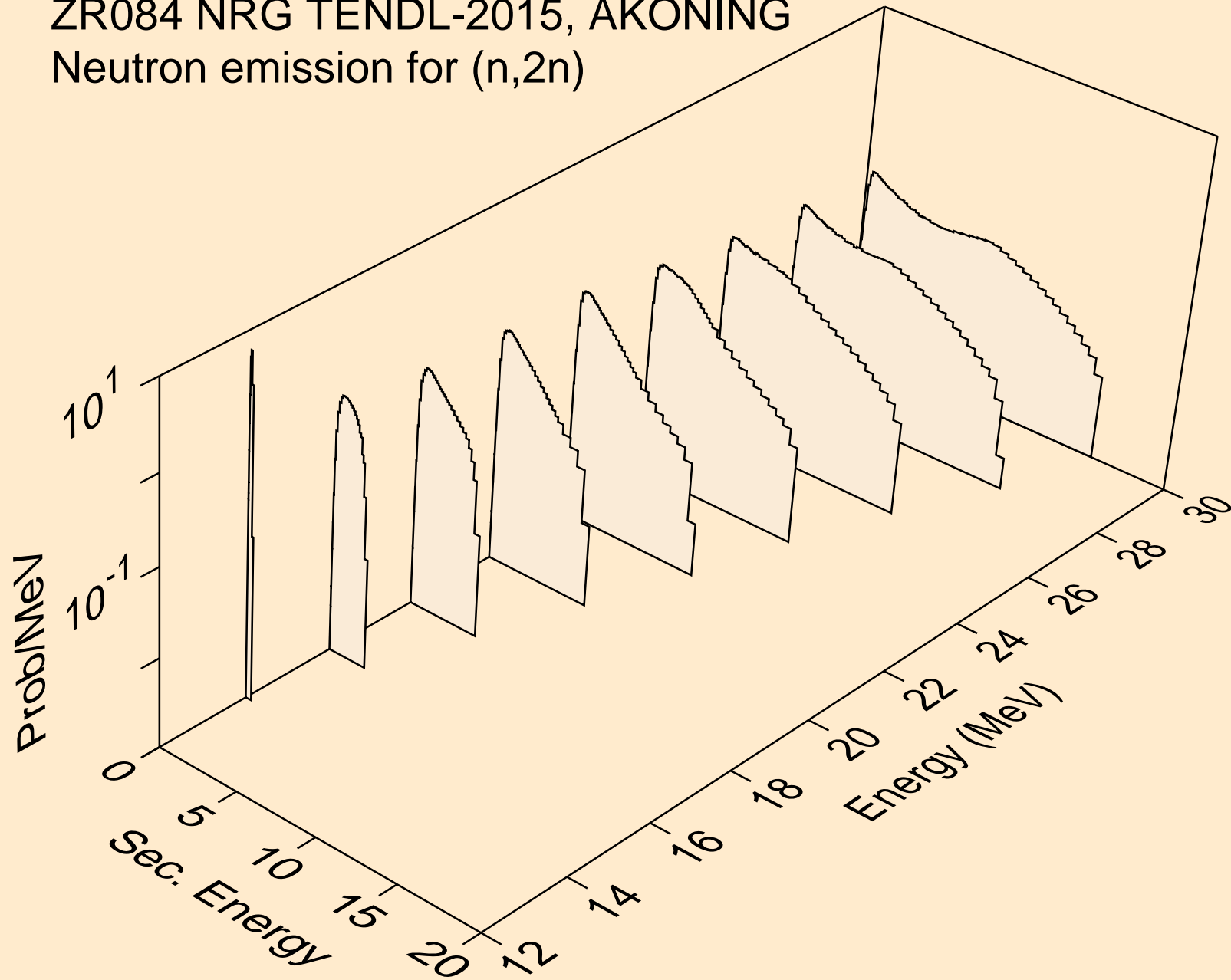
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



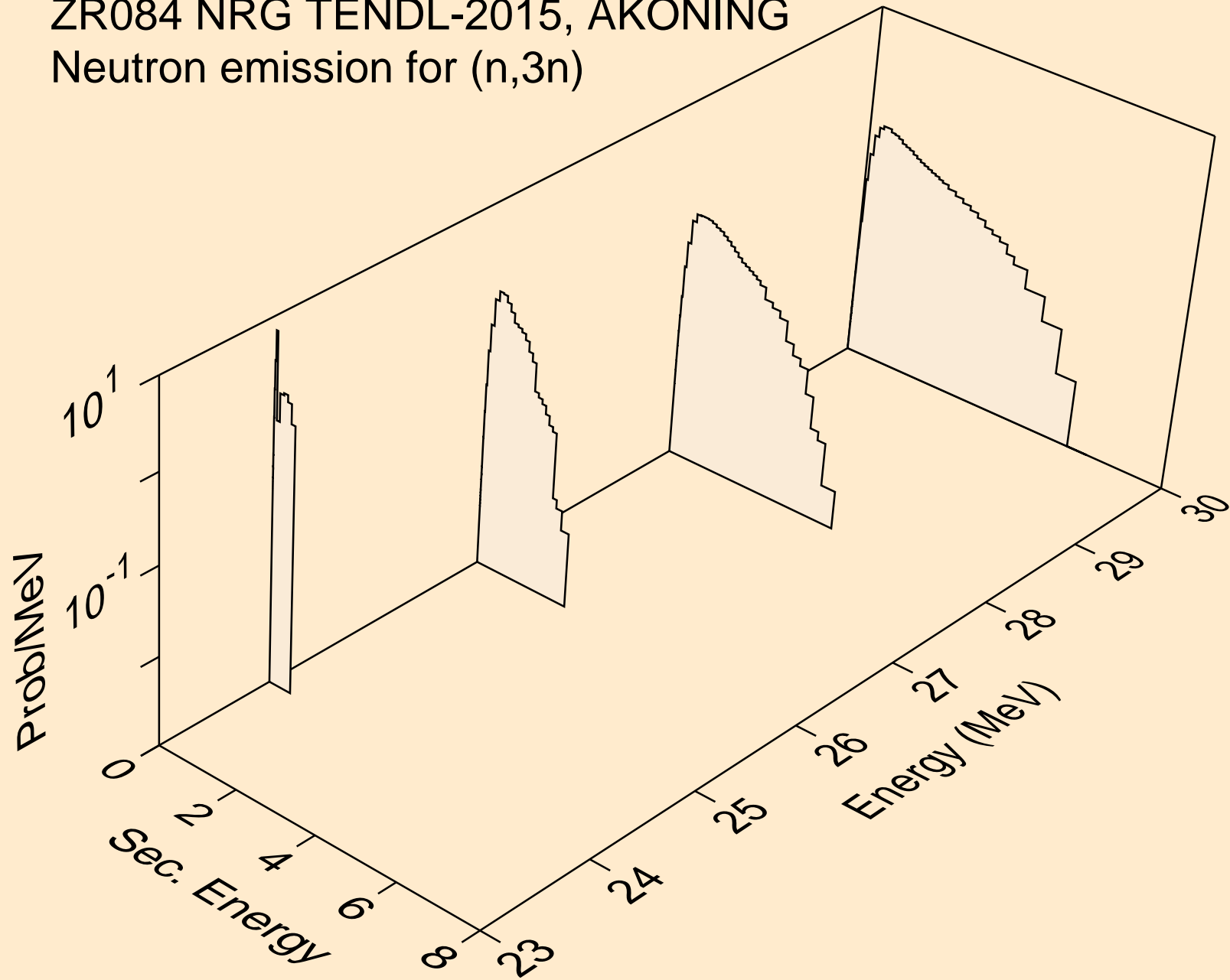
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

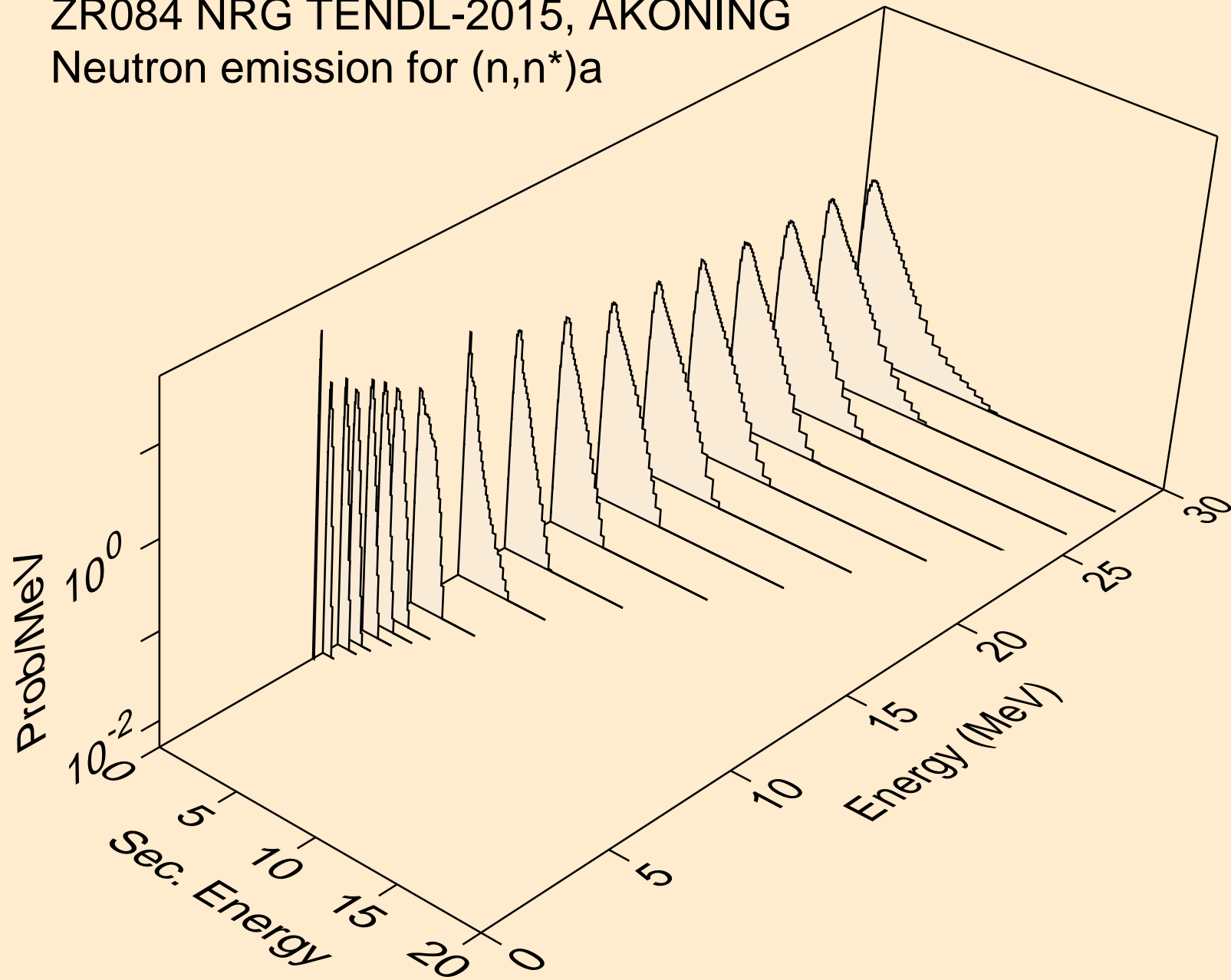


ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

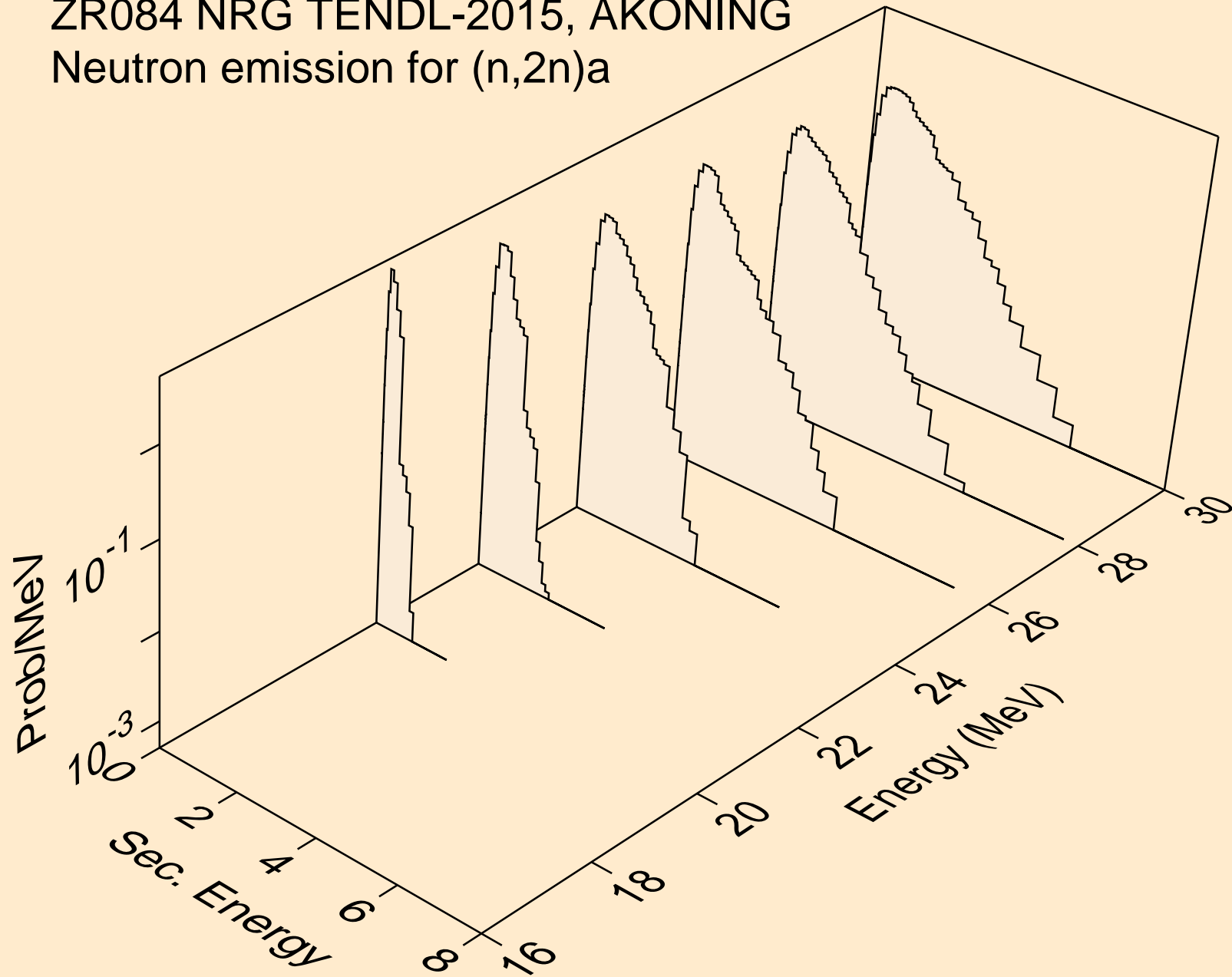




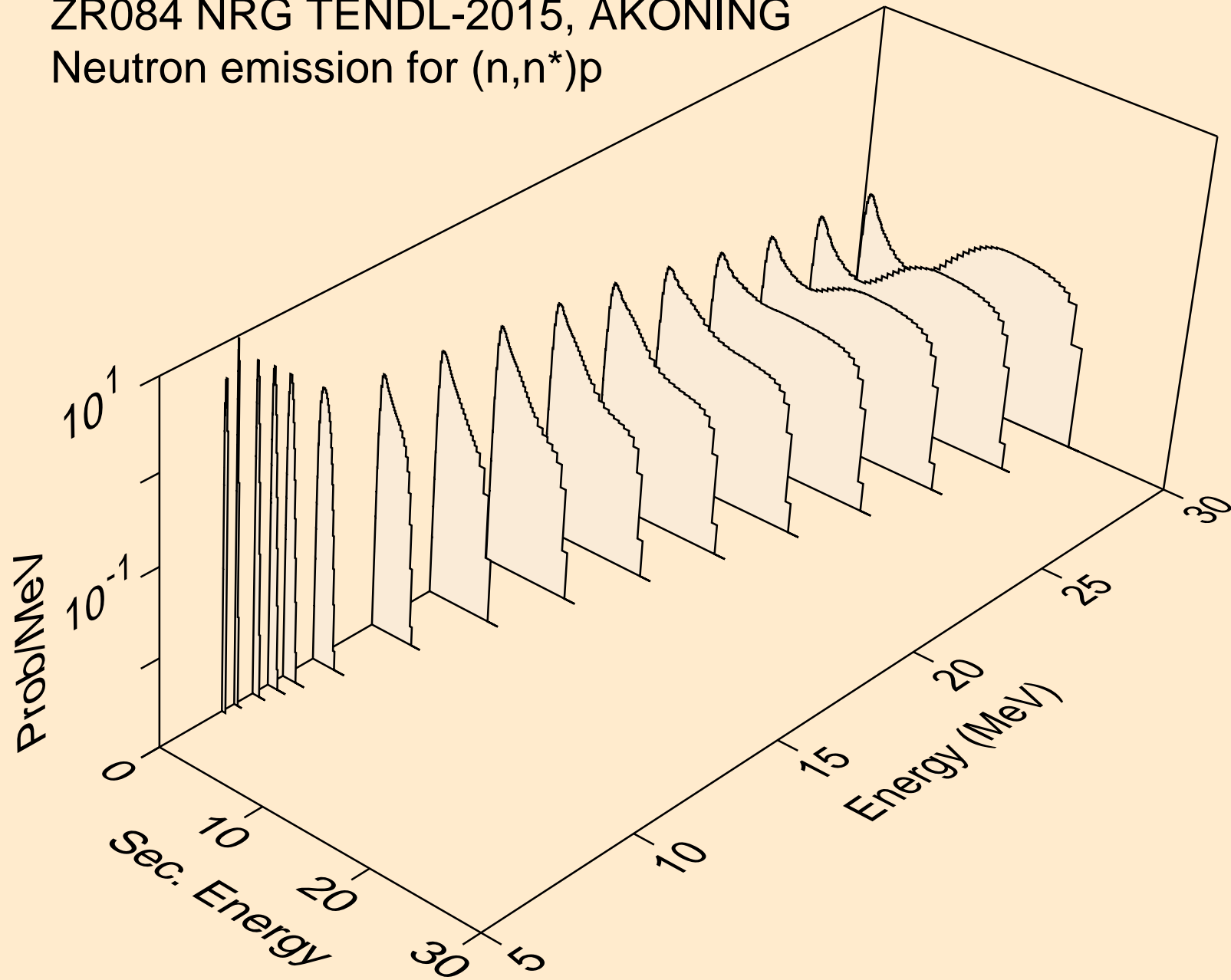
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



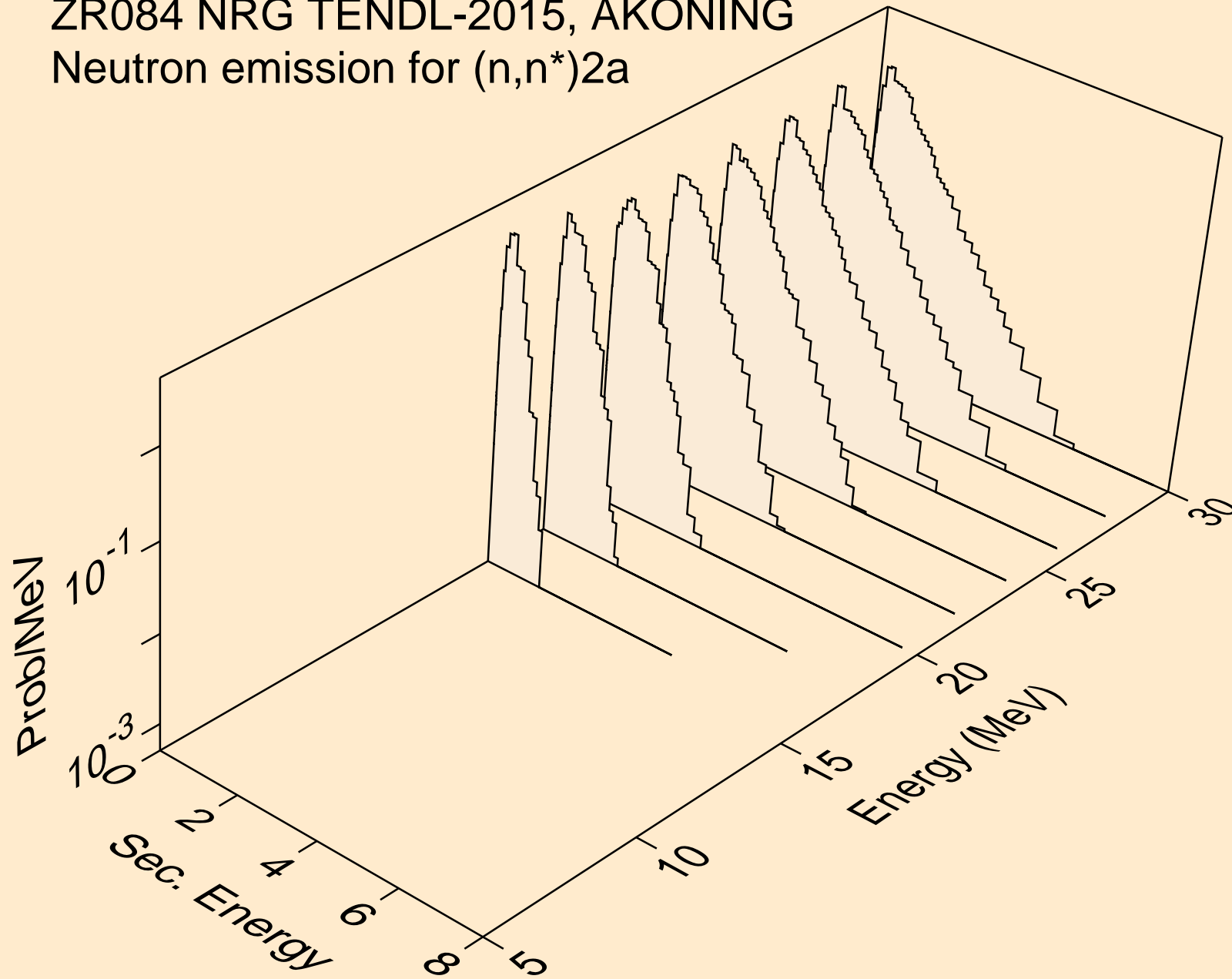
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Neutron emission for (n,2n)a



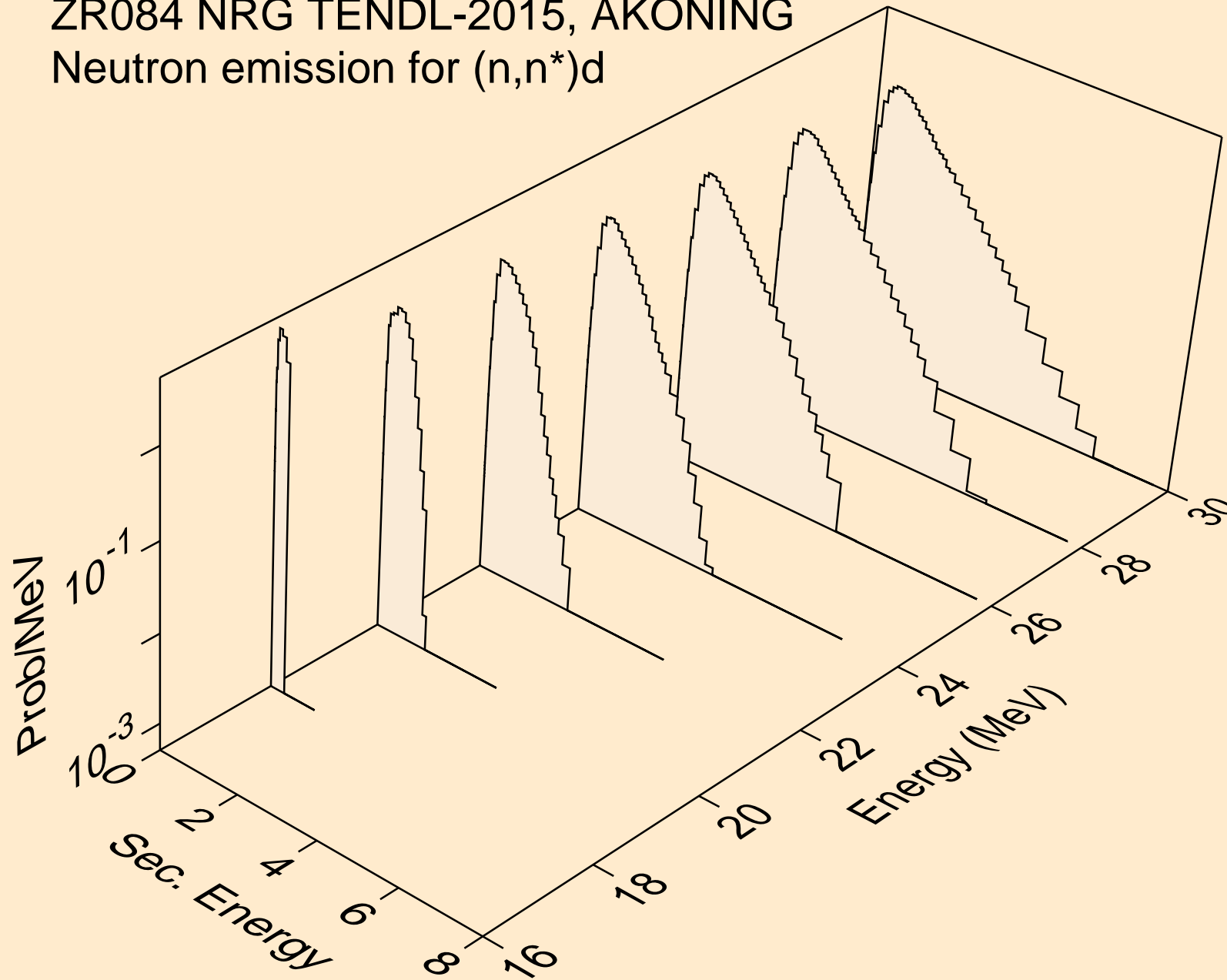
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



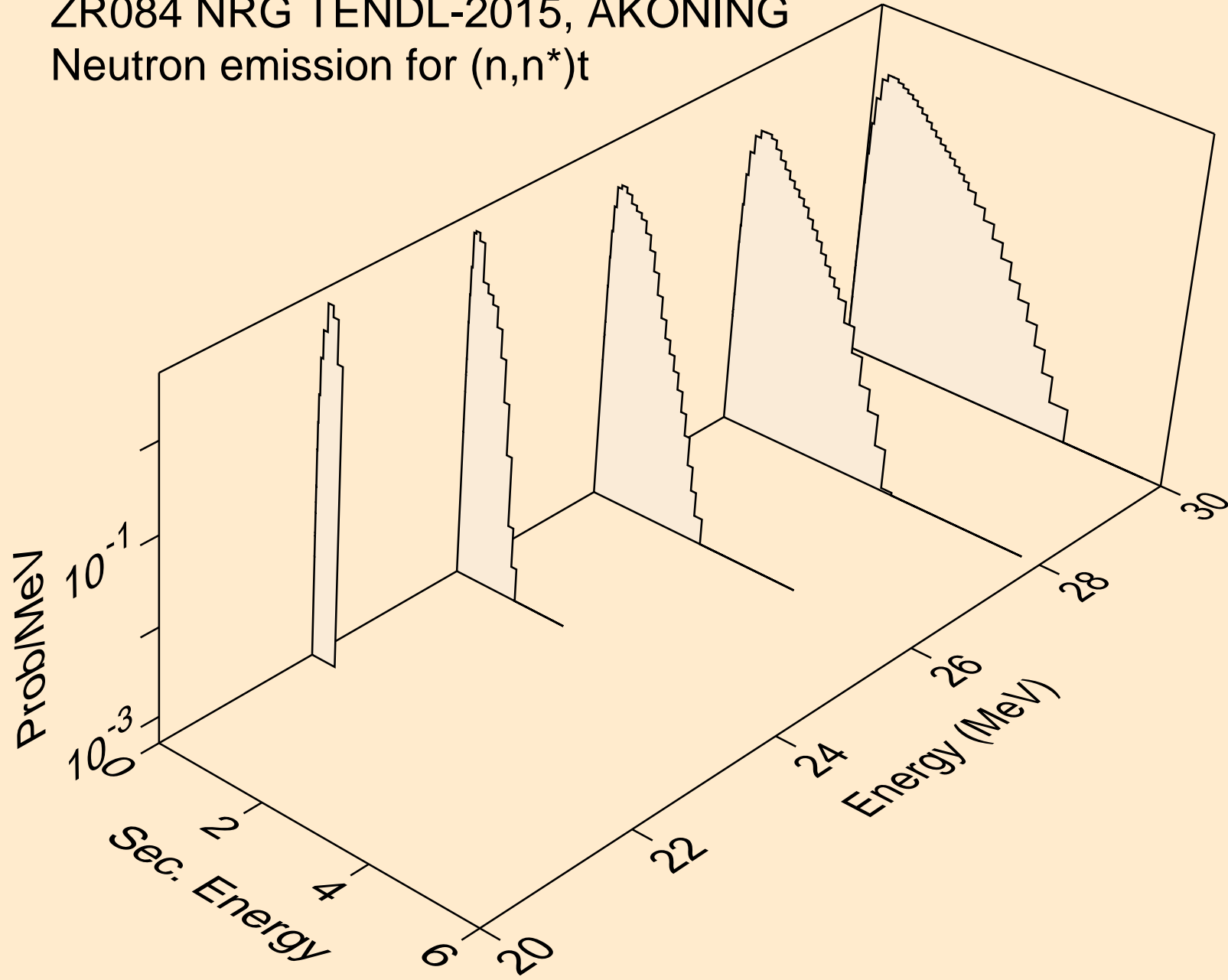
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



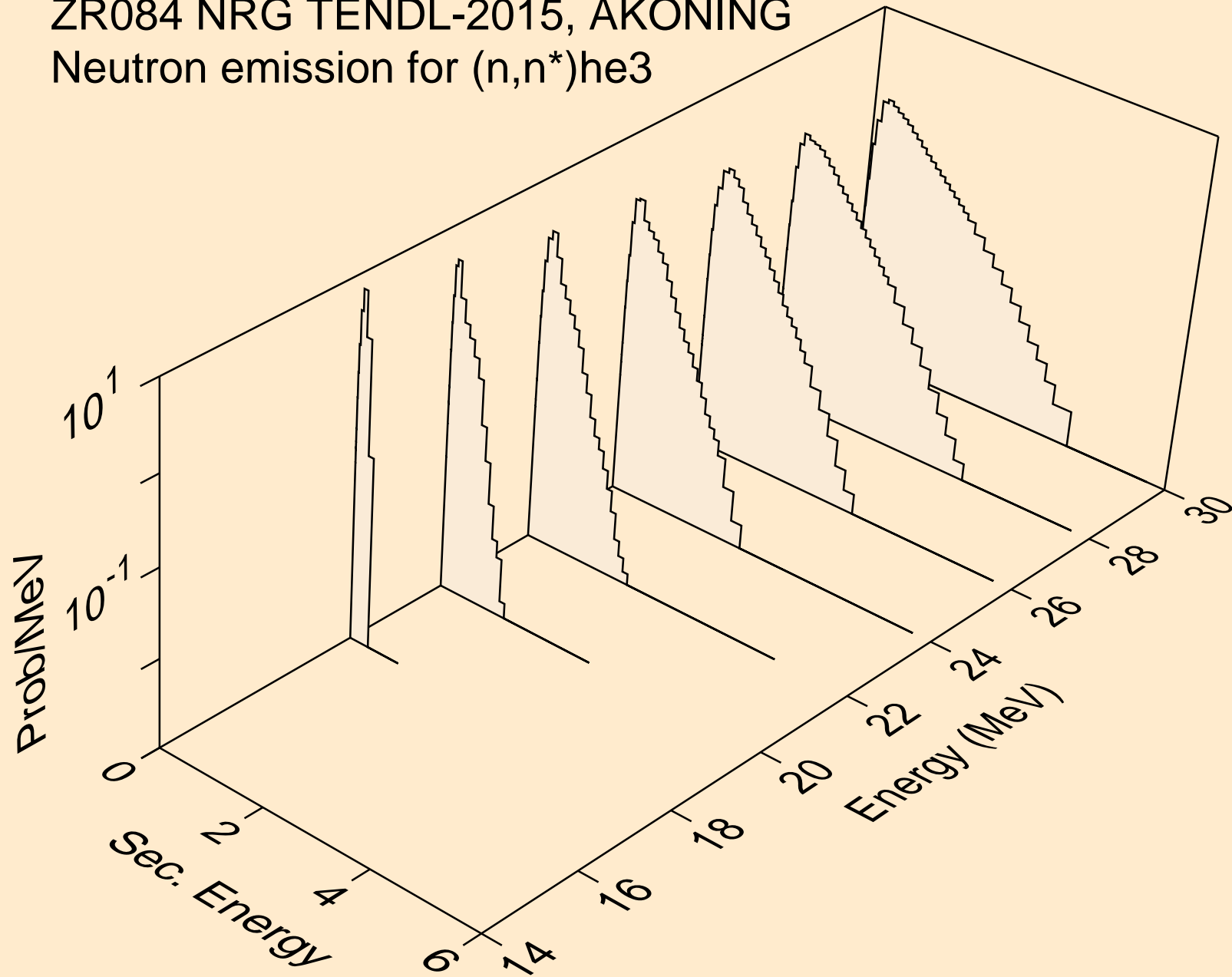
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



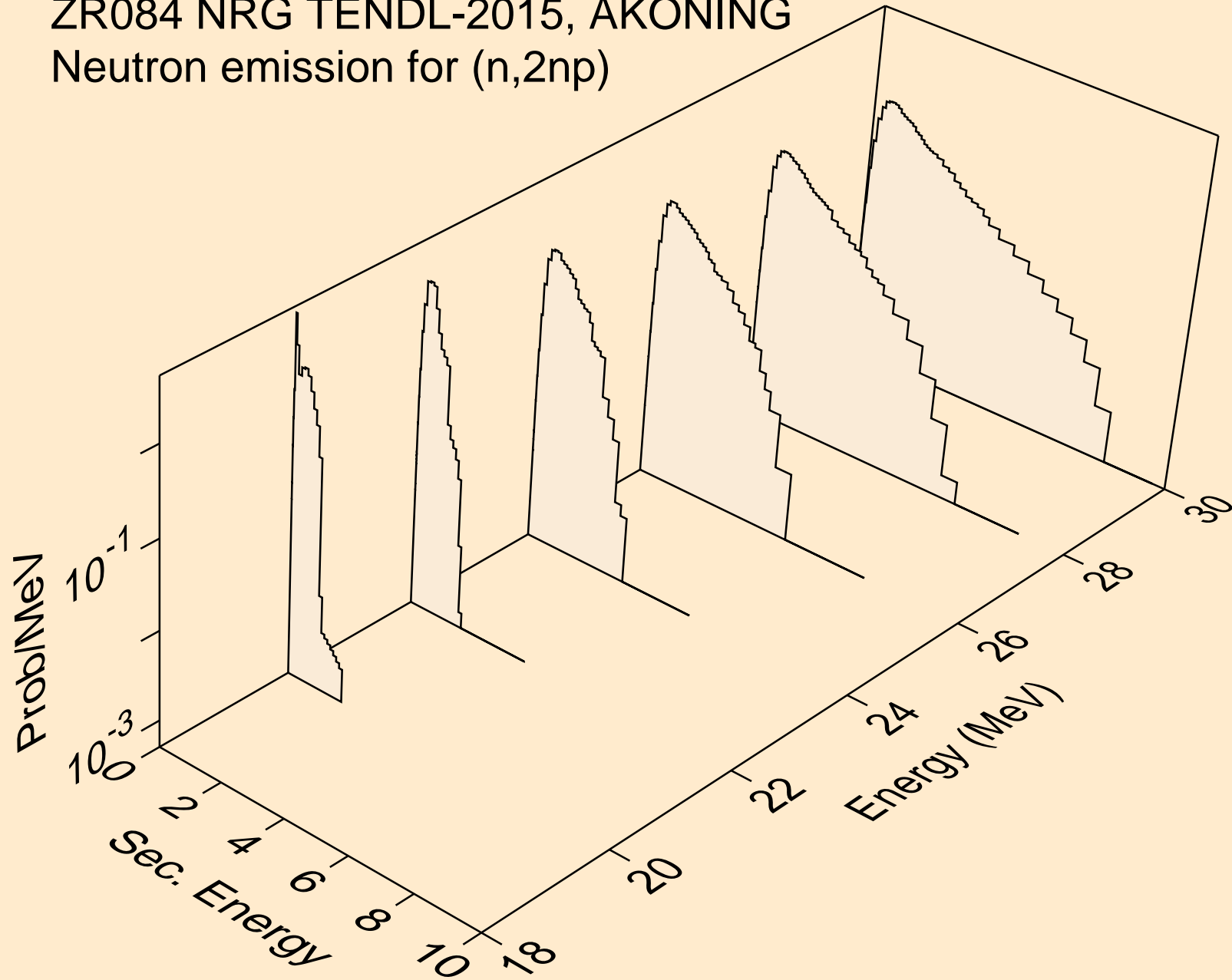
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

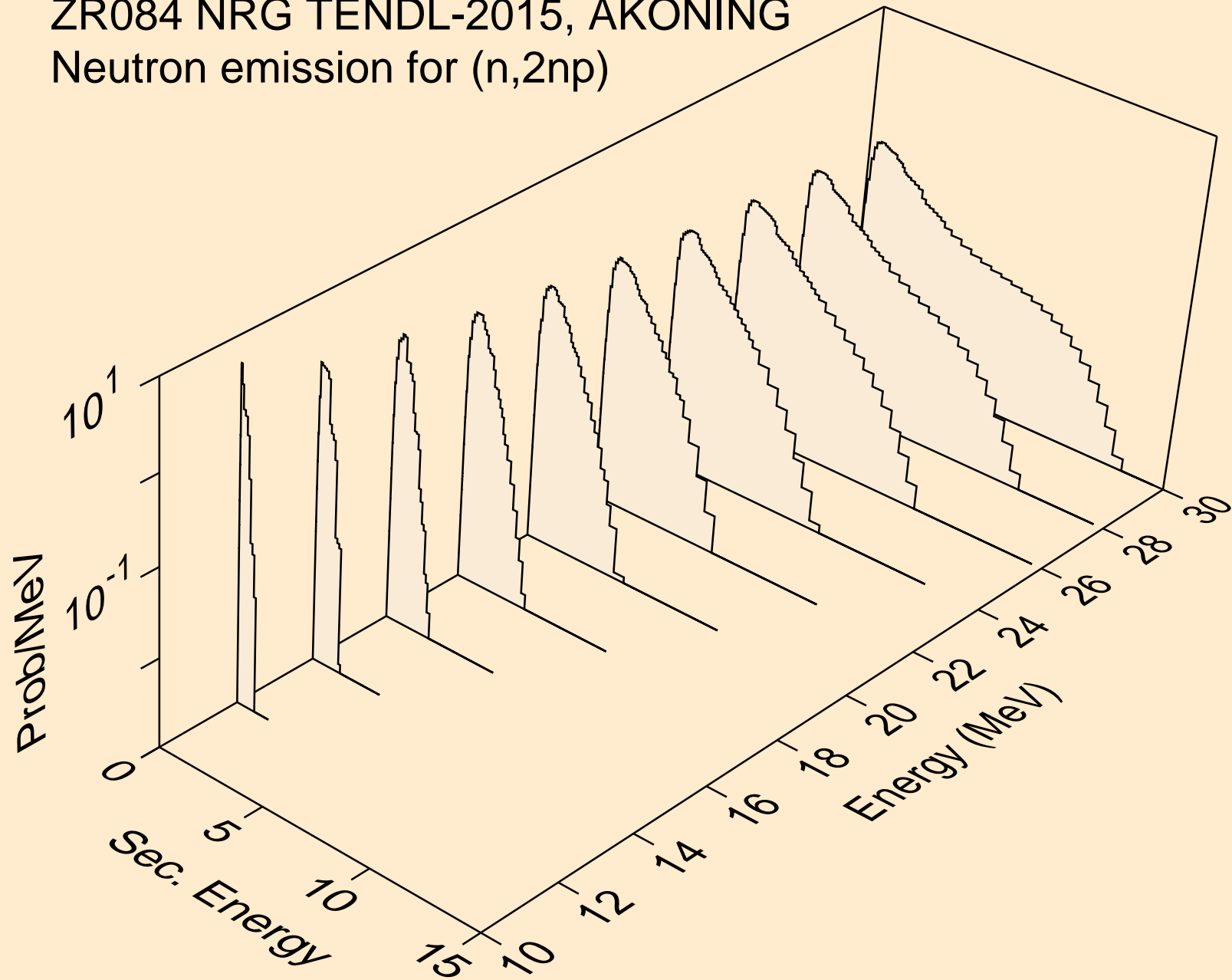


ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

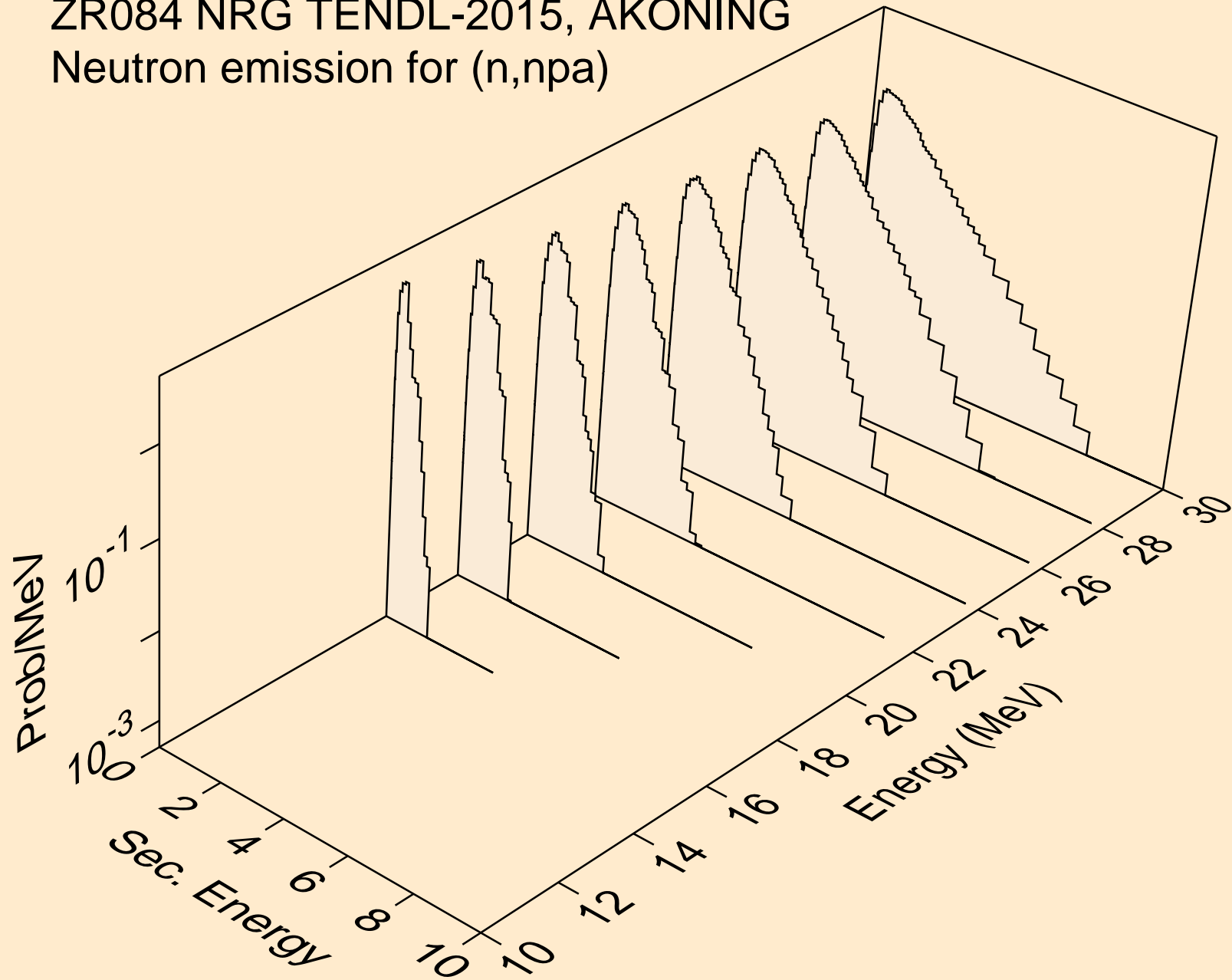




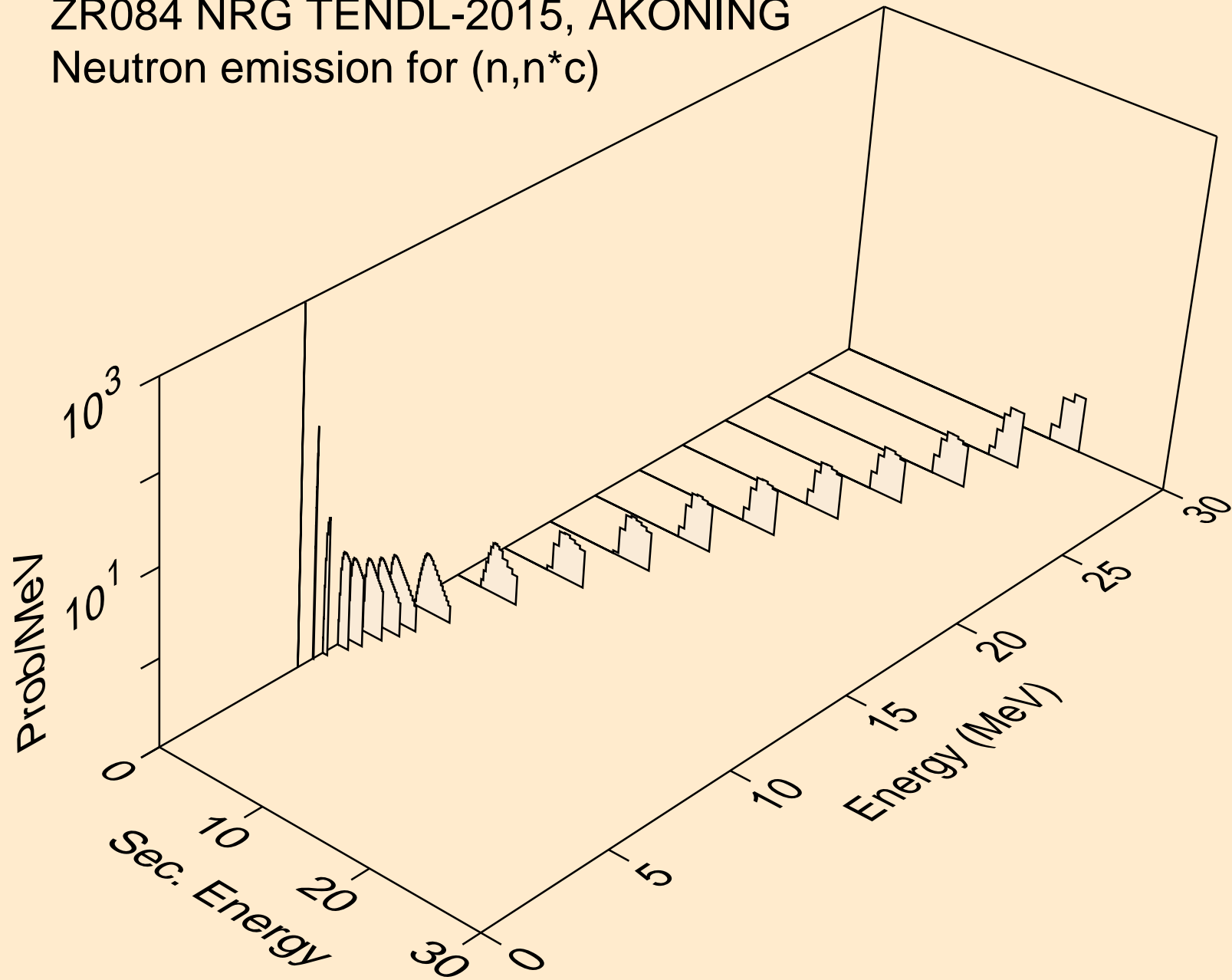
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Neutron emission for (n,2np)



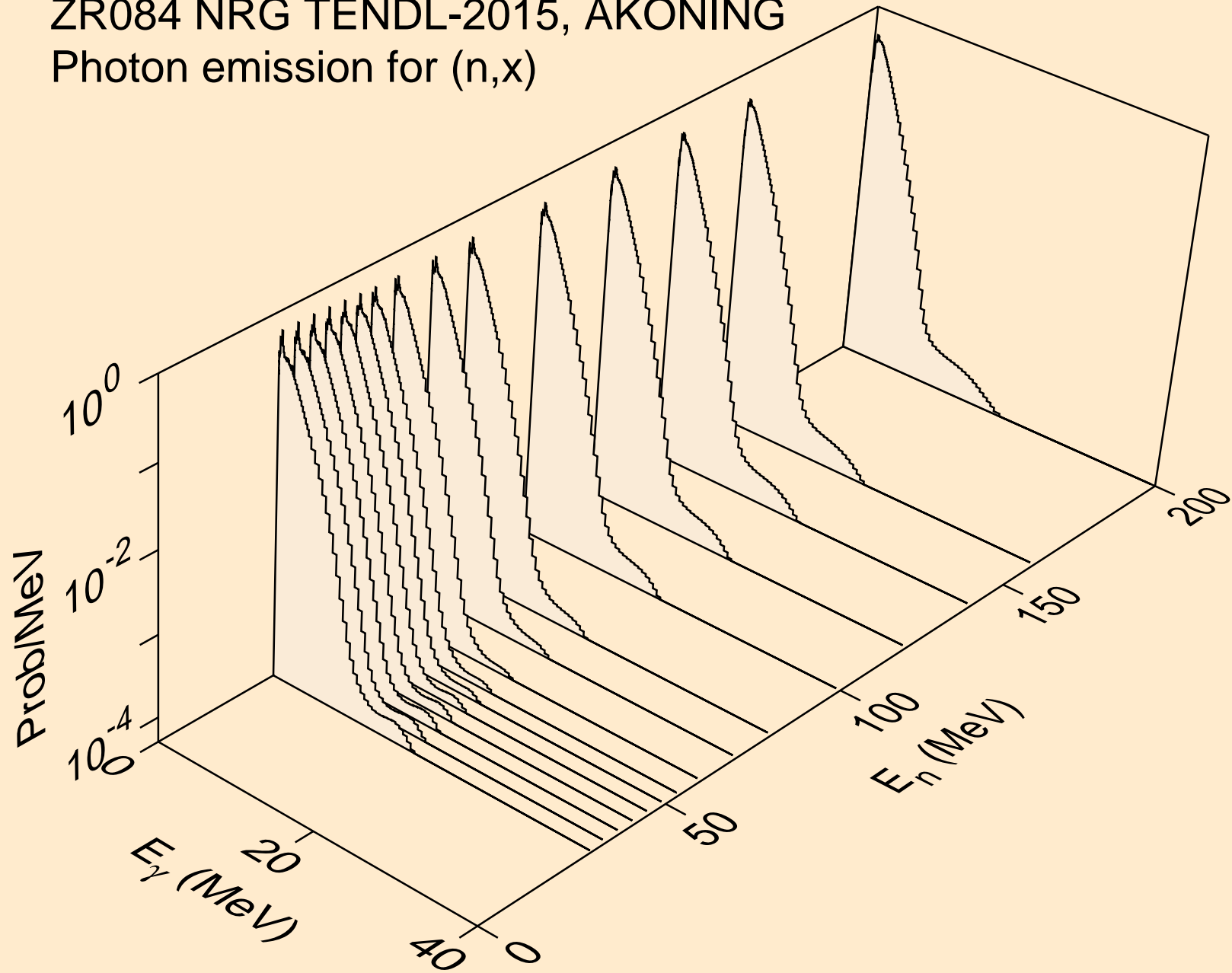
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Neutron emission for (n,npa)



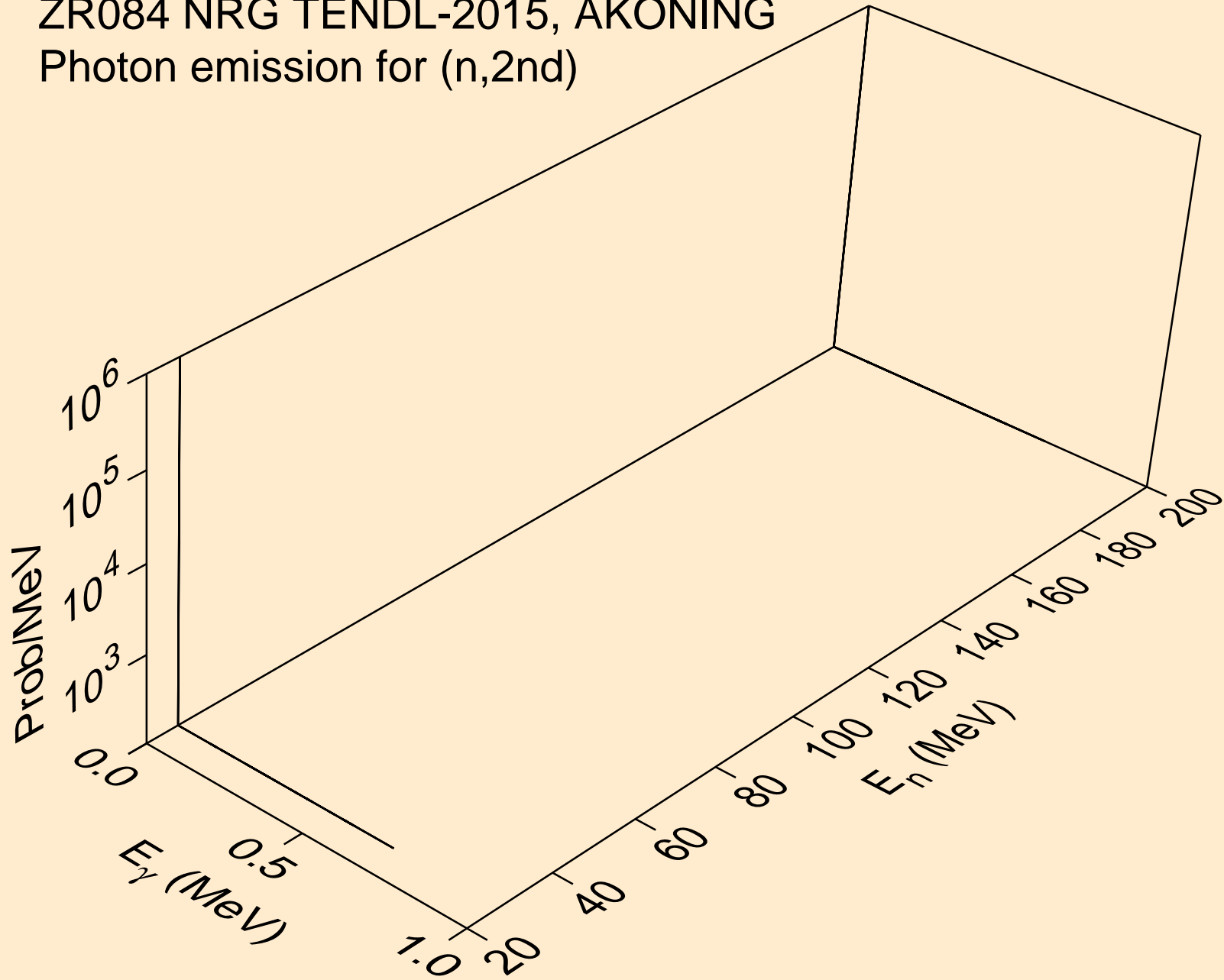
ZR084 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



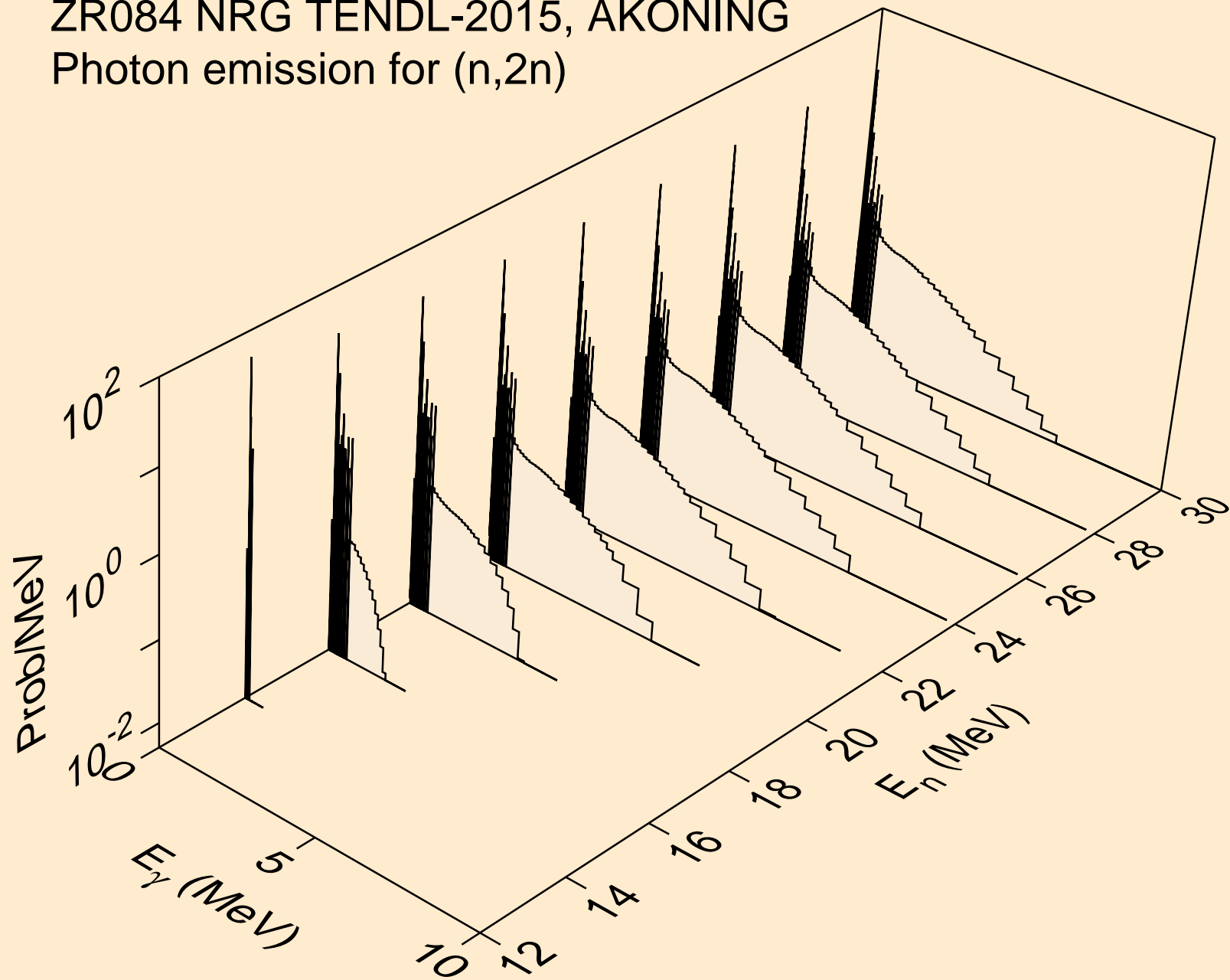
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



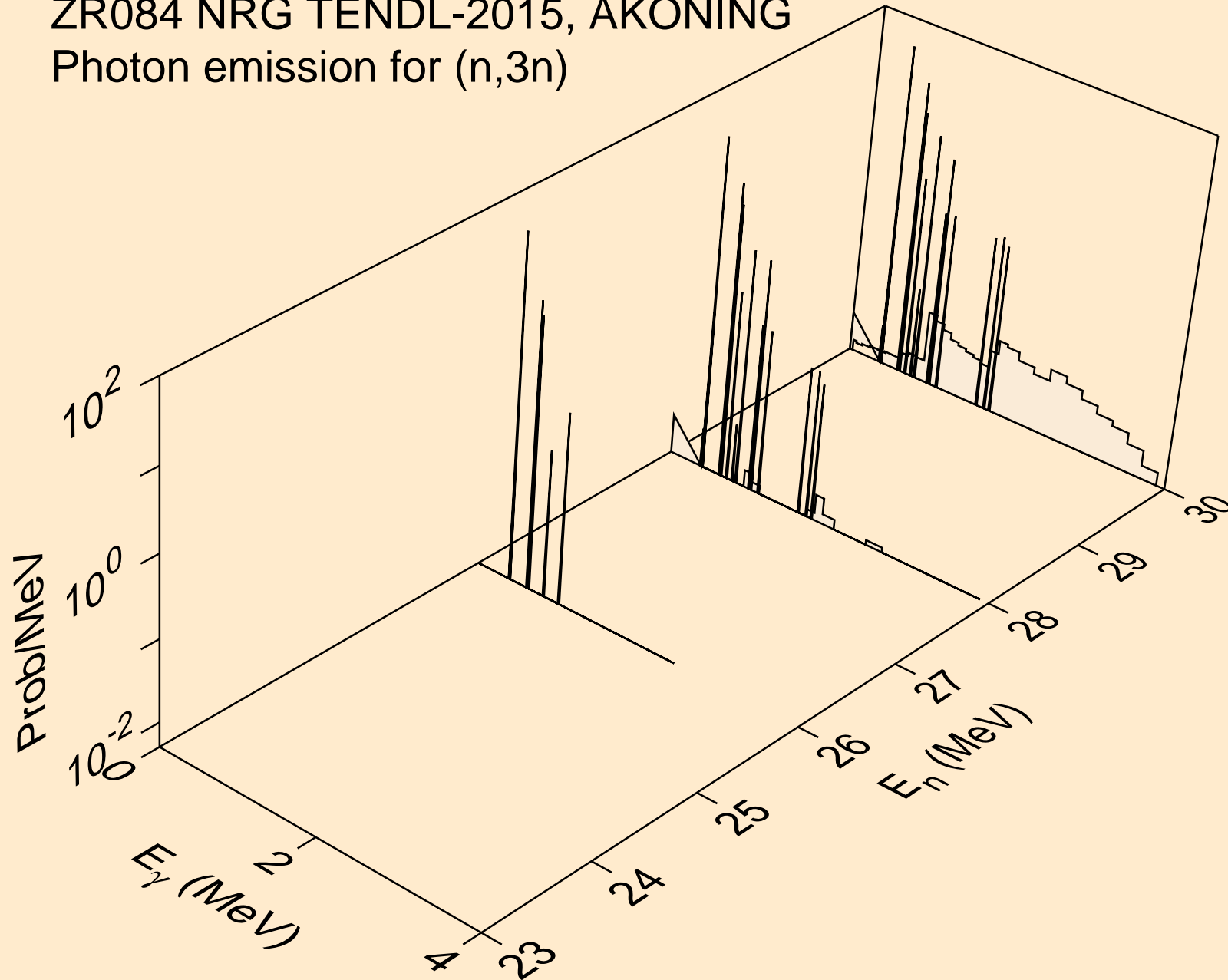
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Photon emission for (n,2nd)



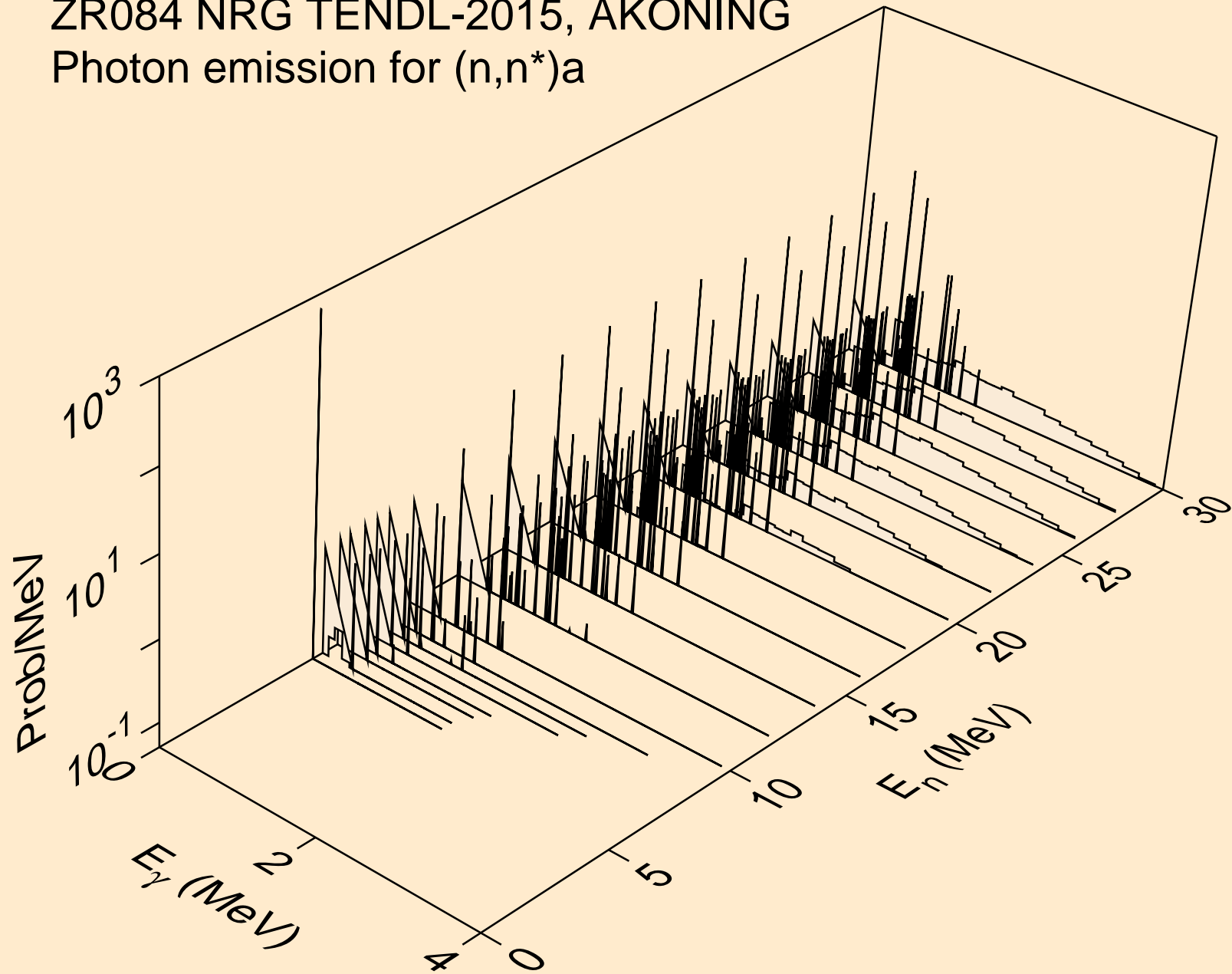
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

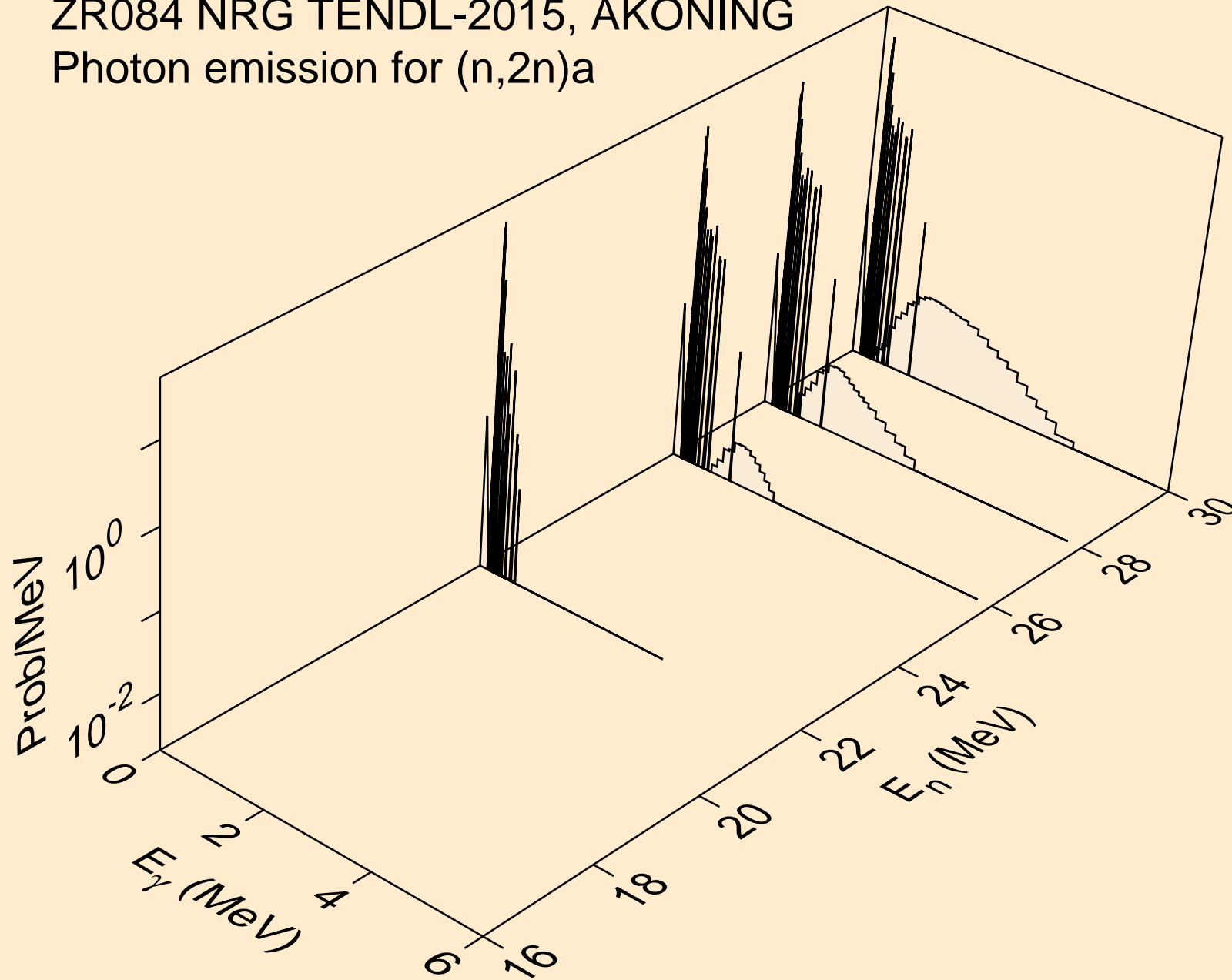


ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

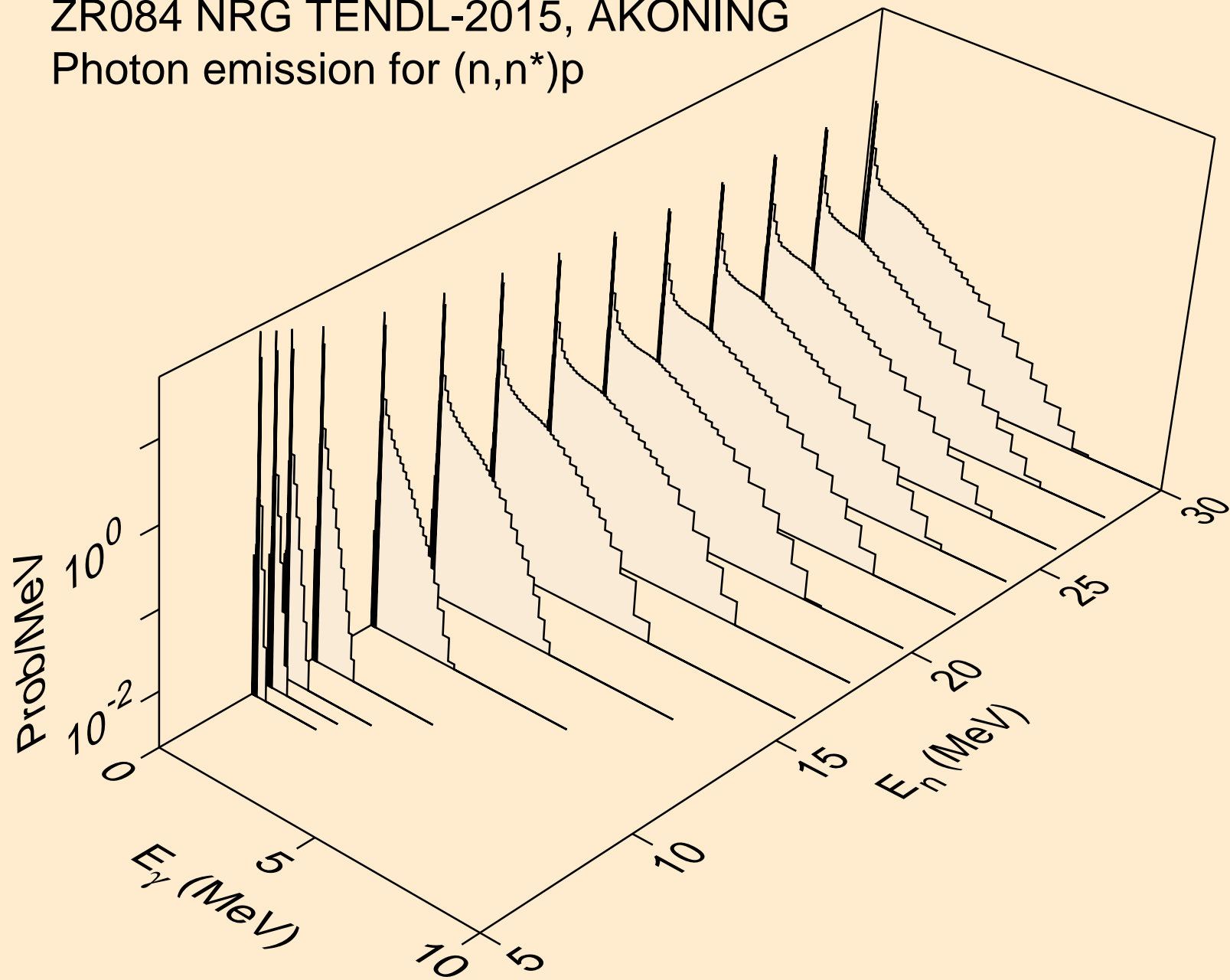




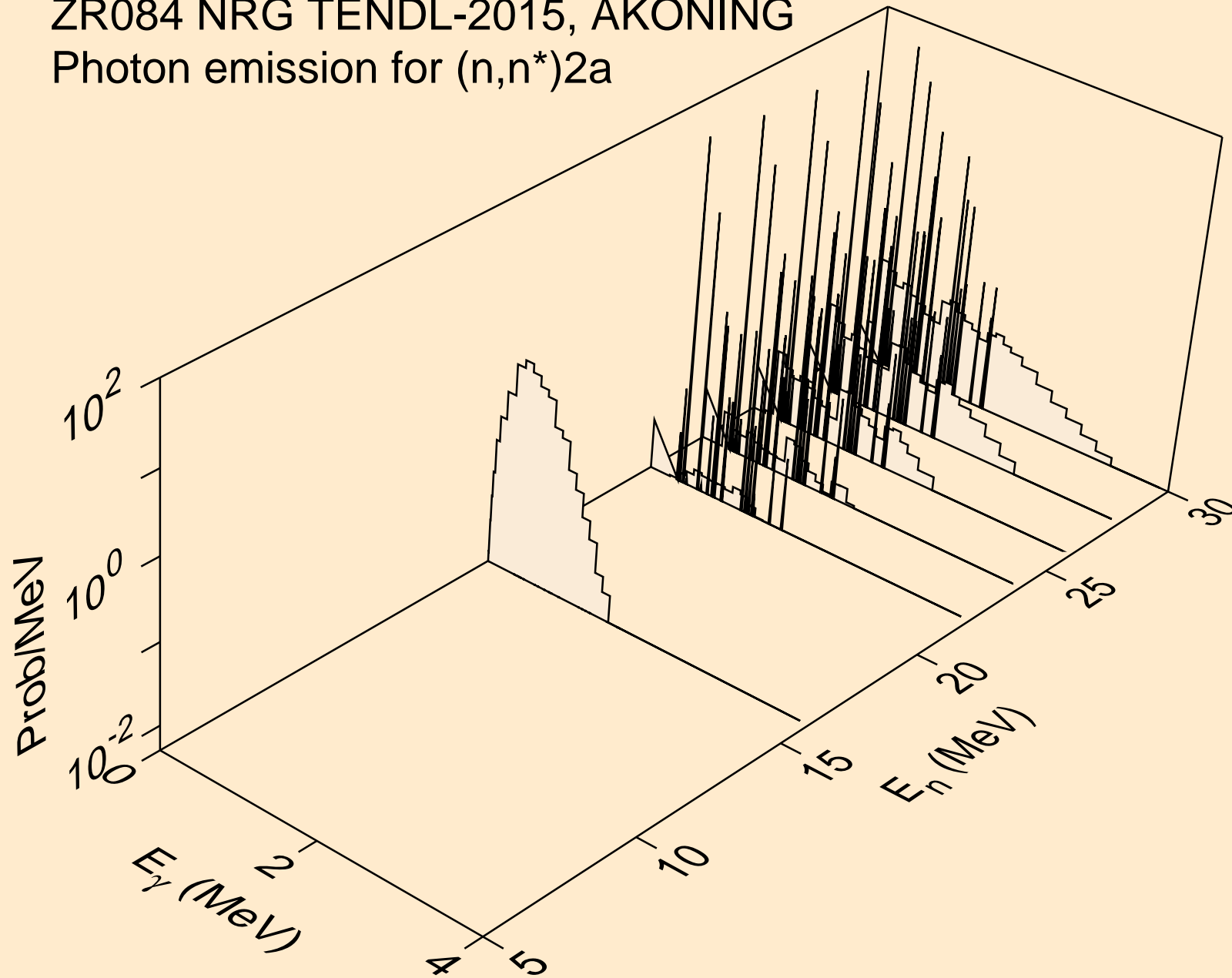
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



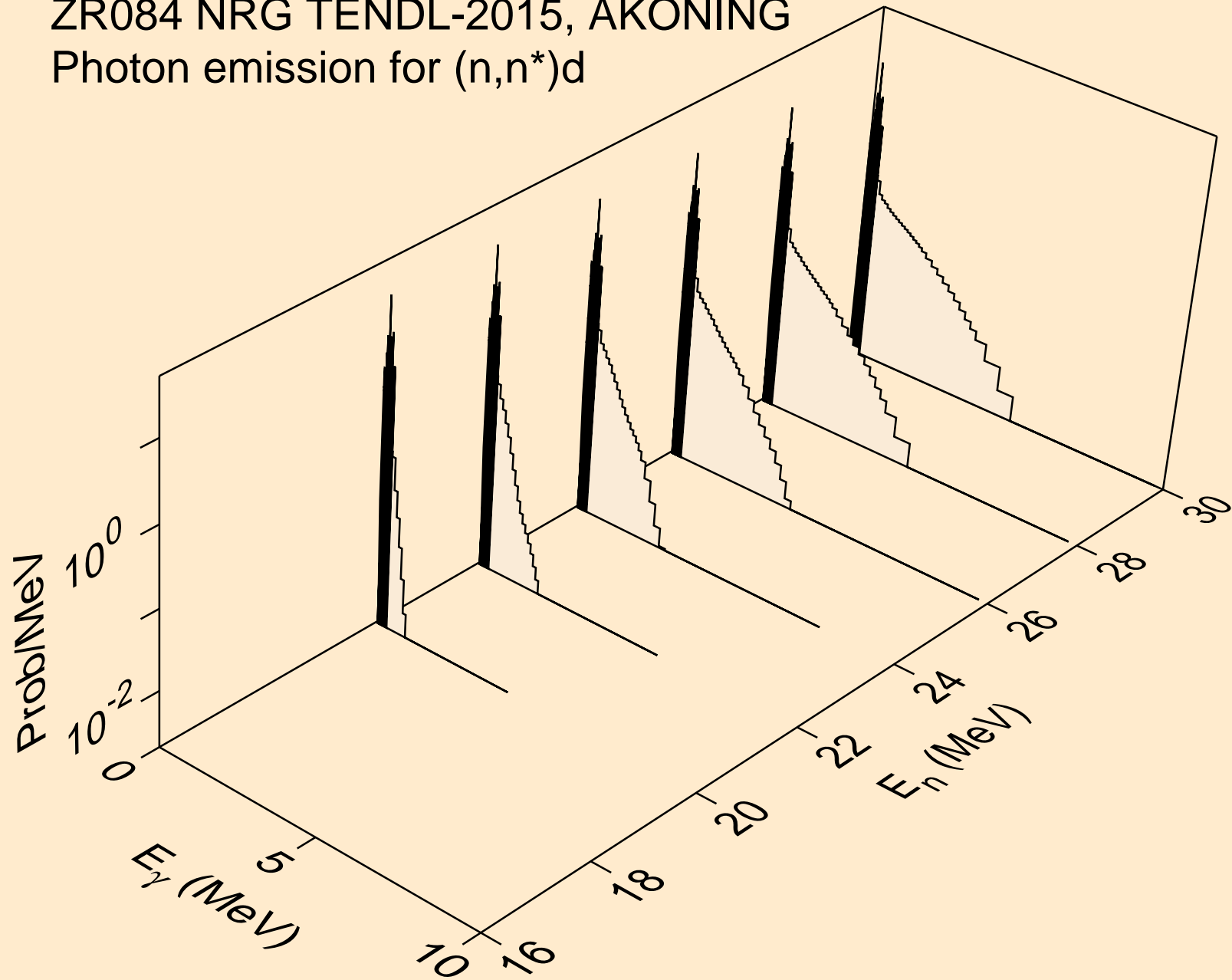
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



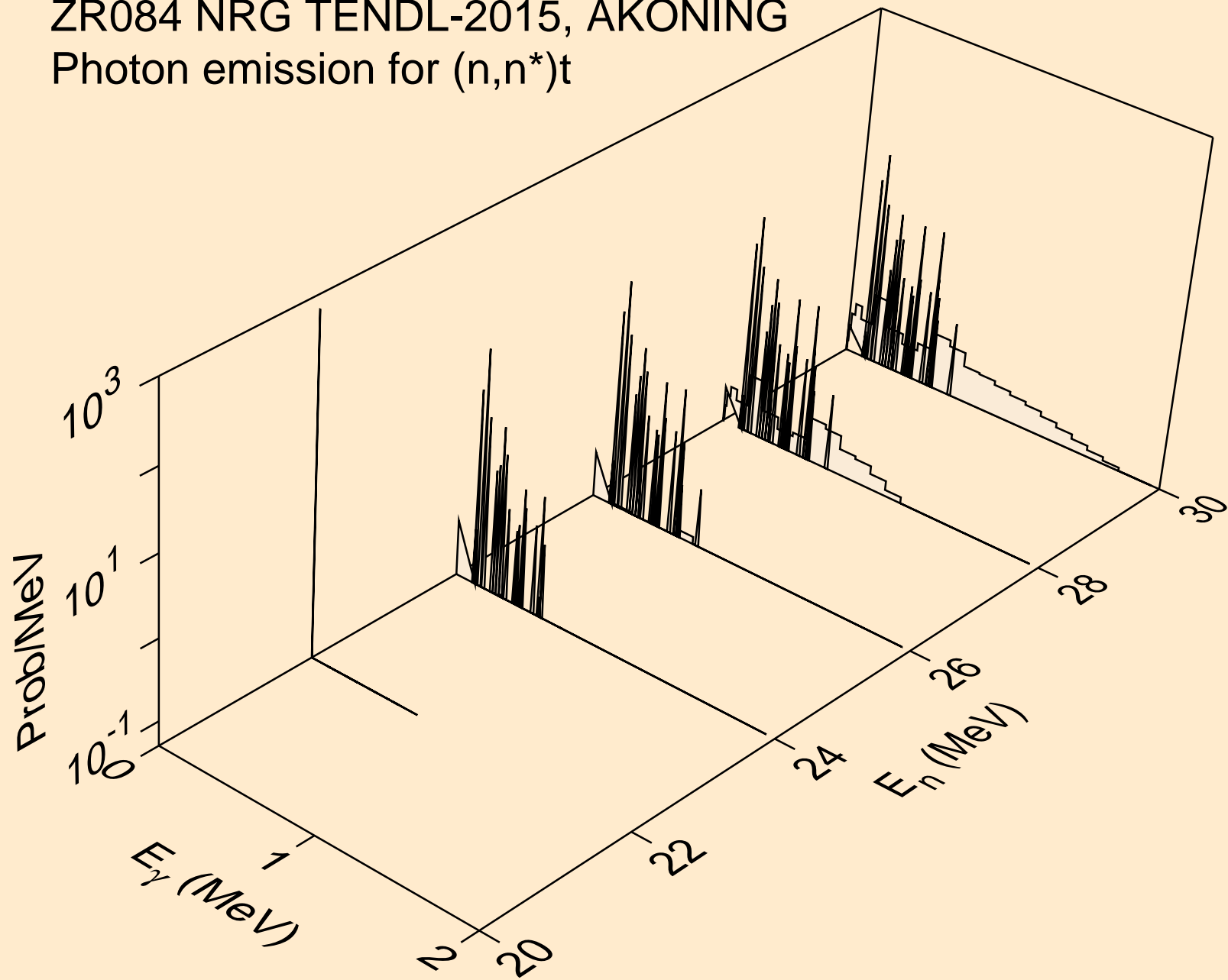
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



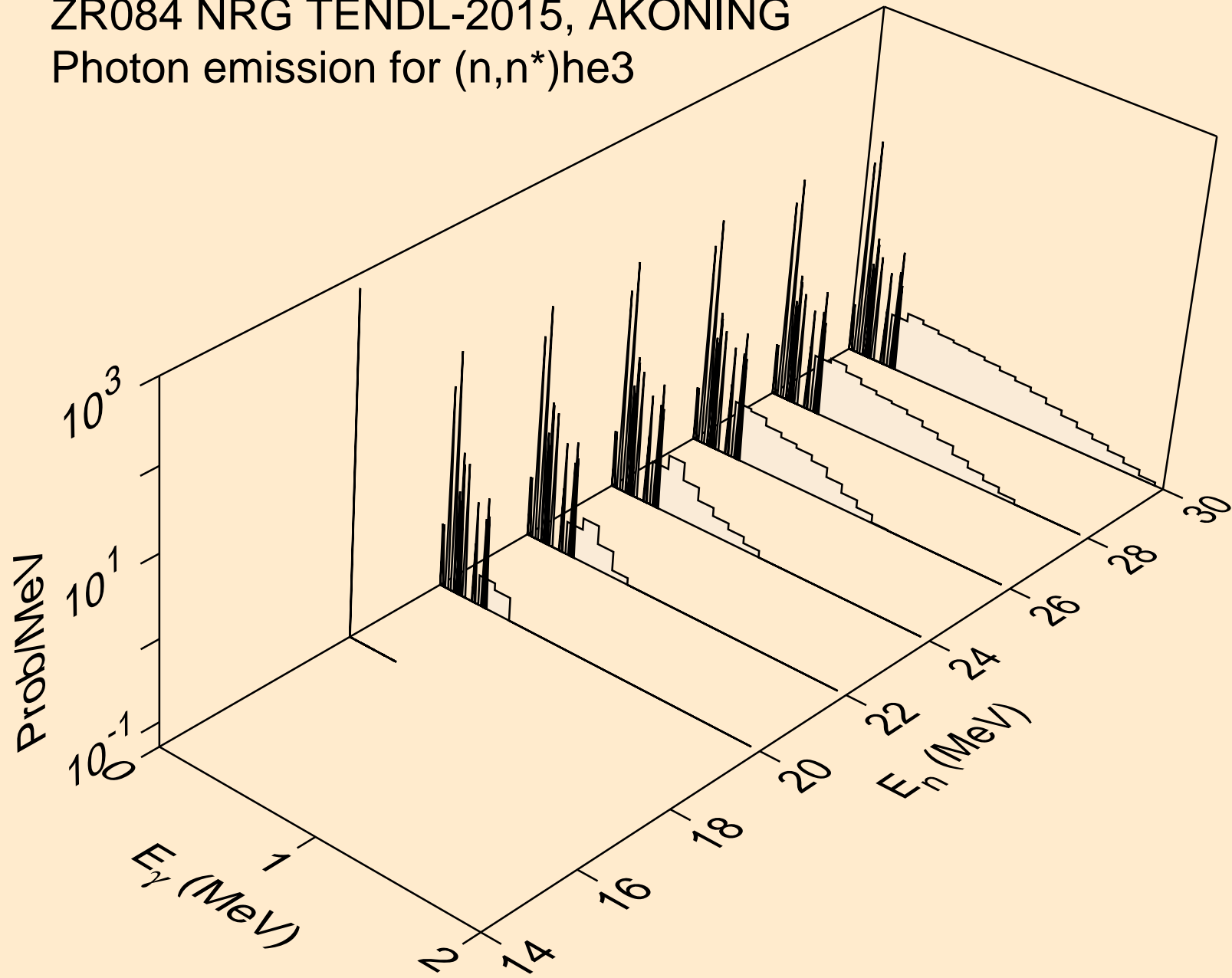
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



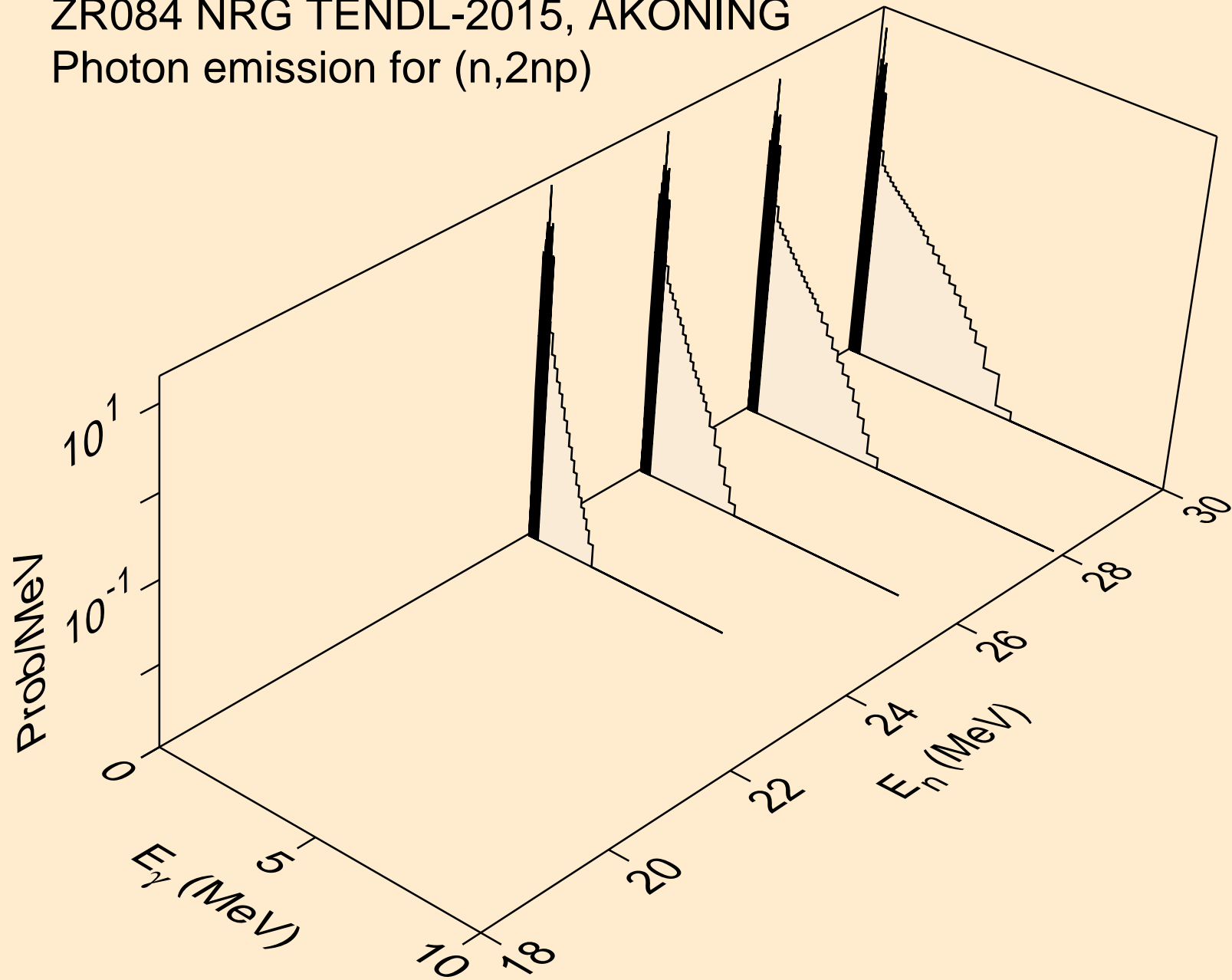
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



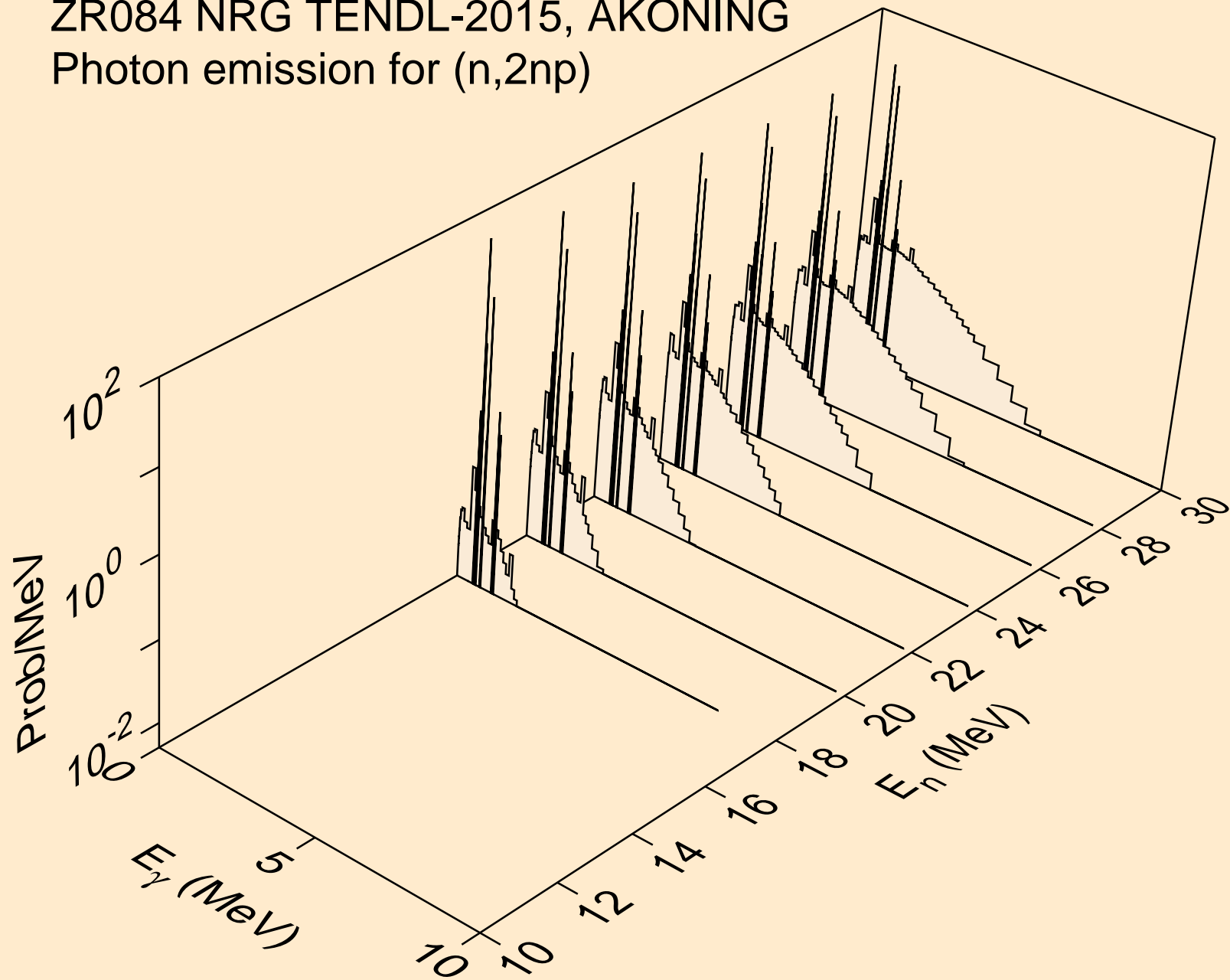
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

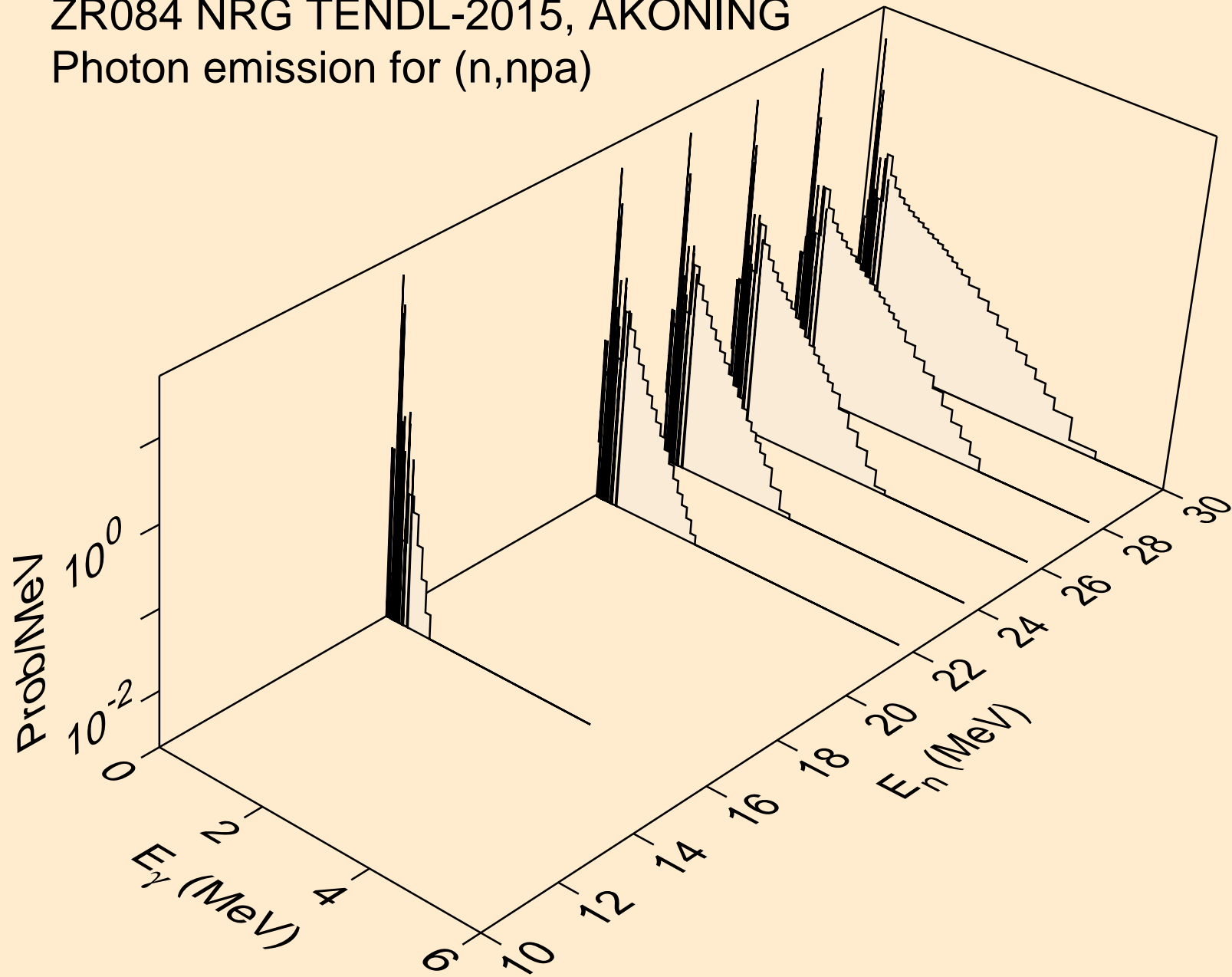


ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

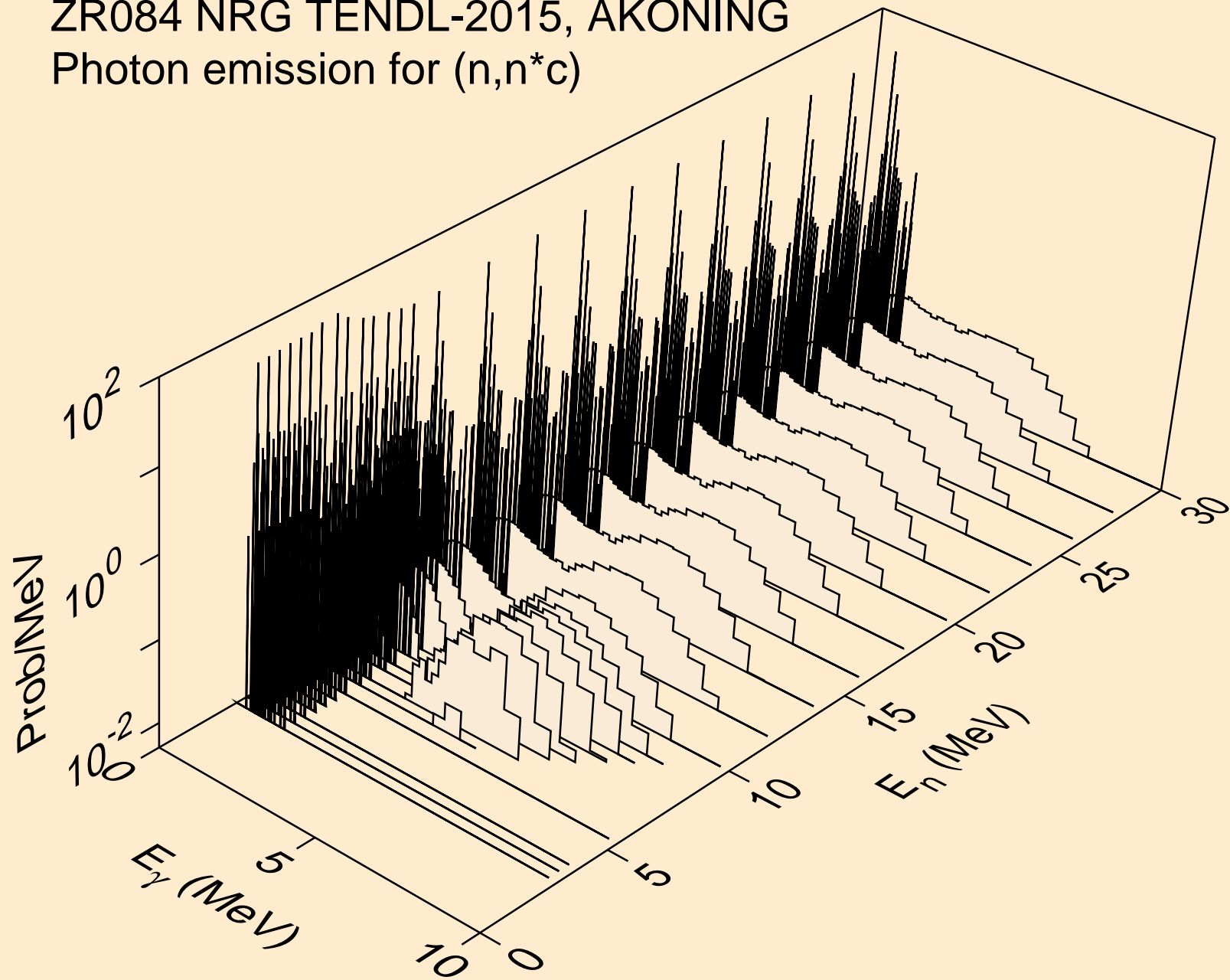




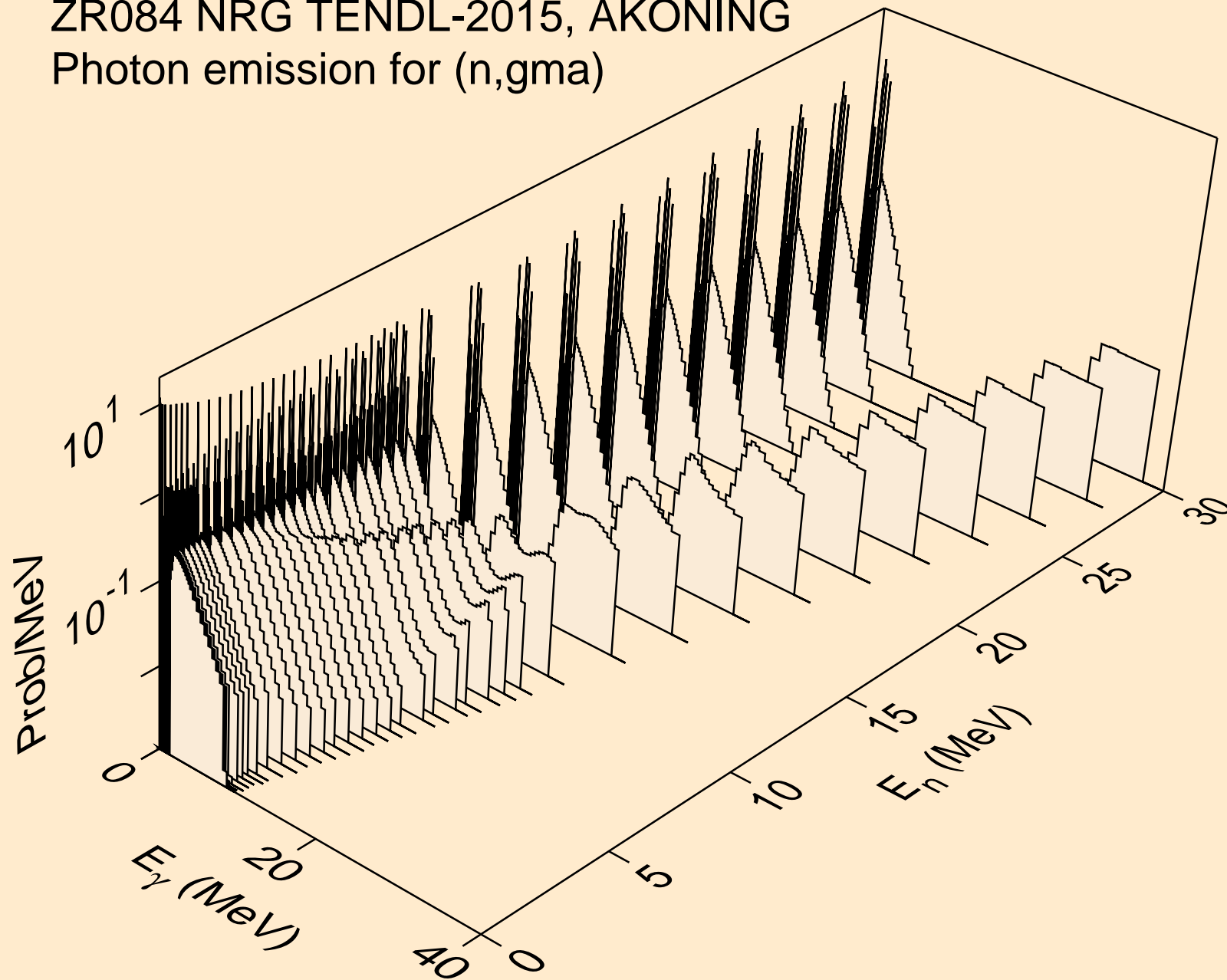
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



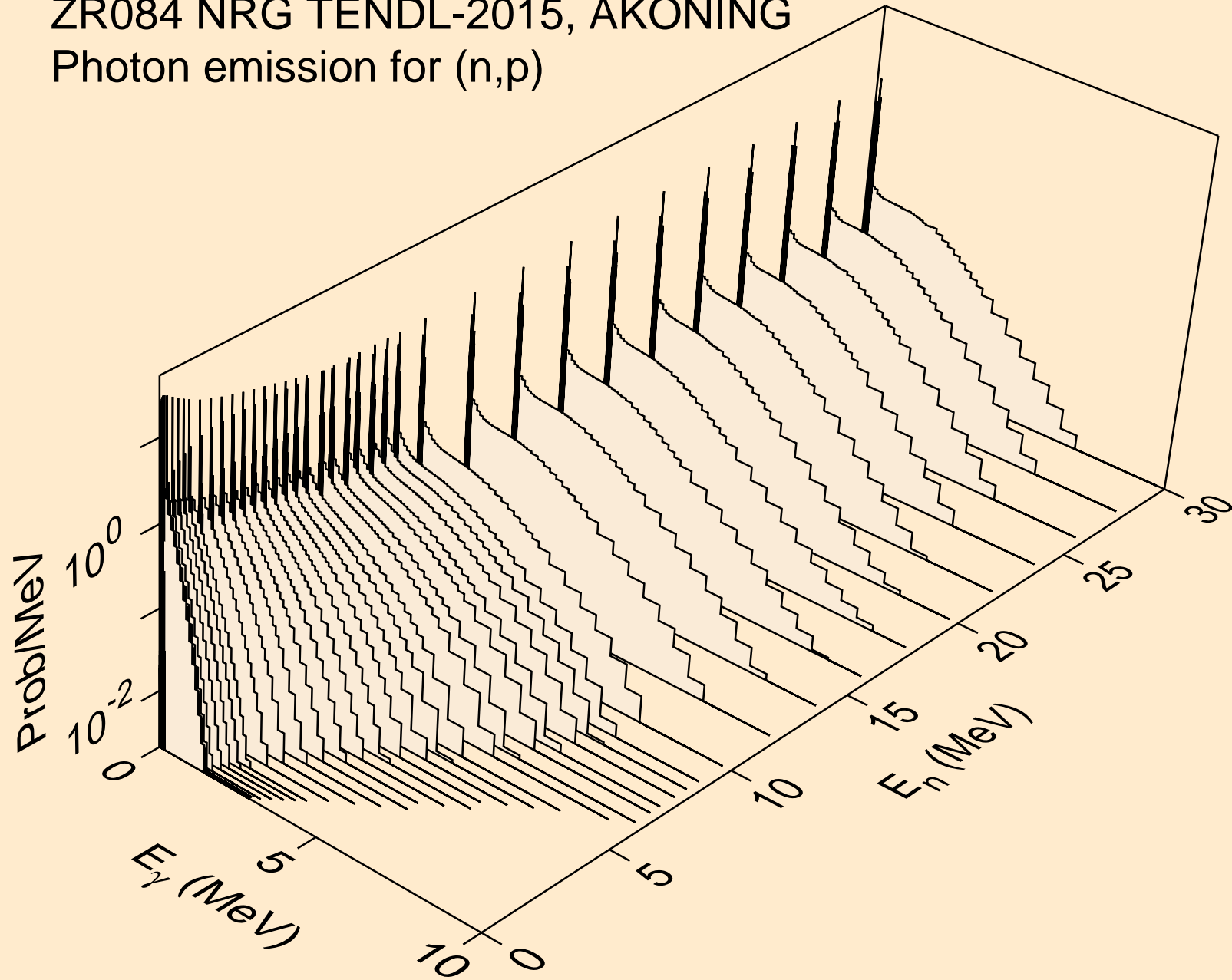
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



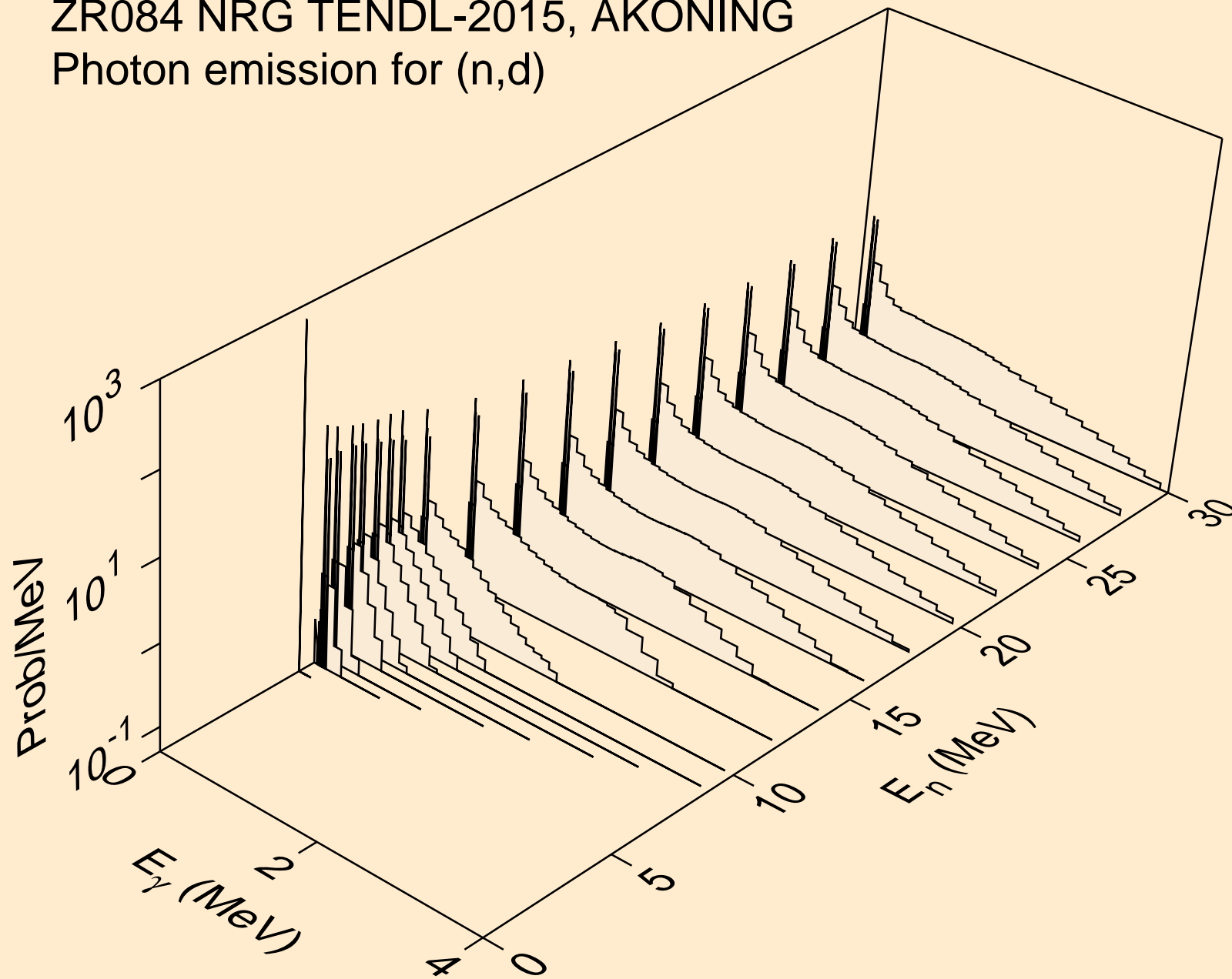
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



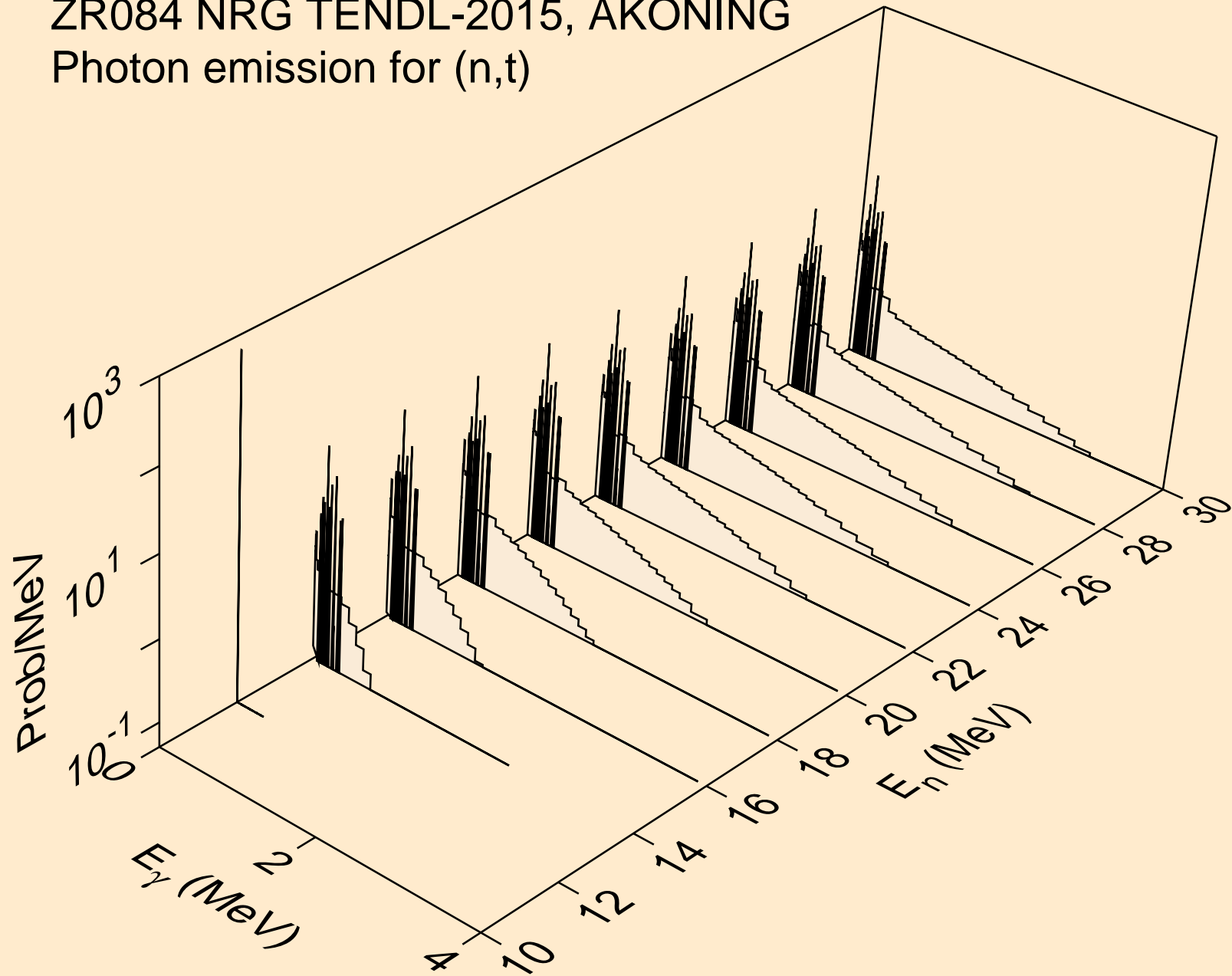
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



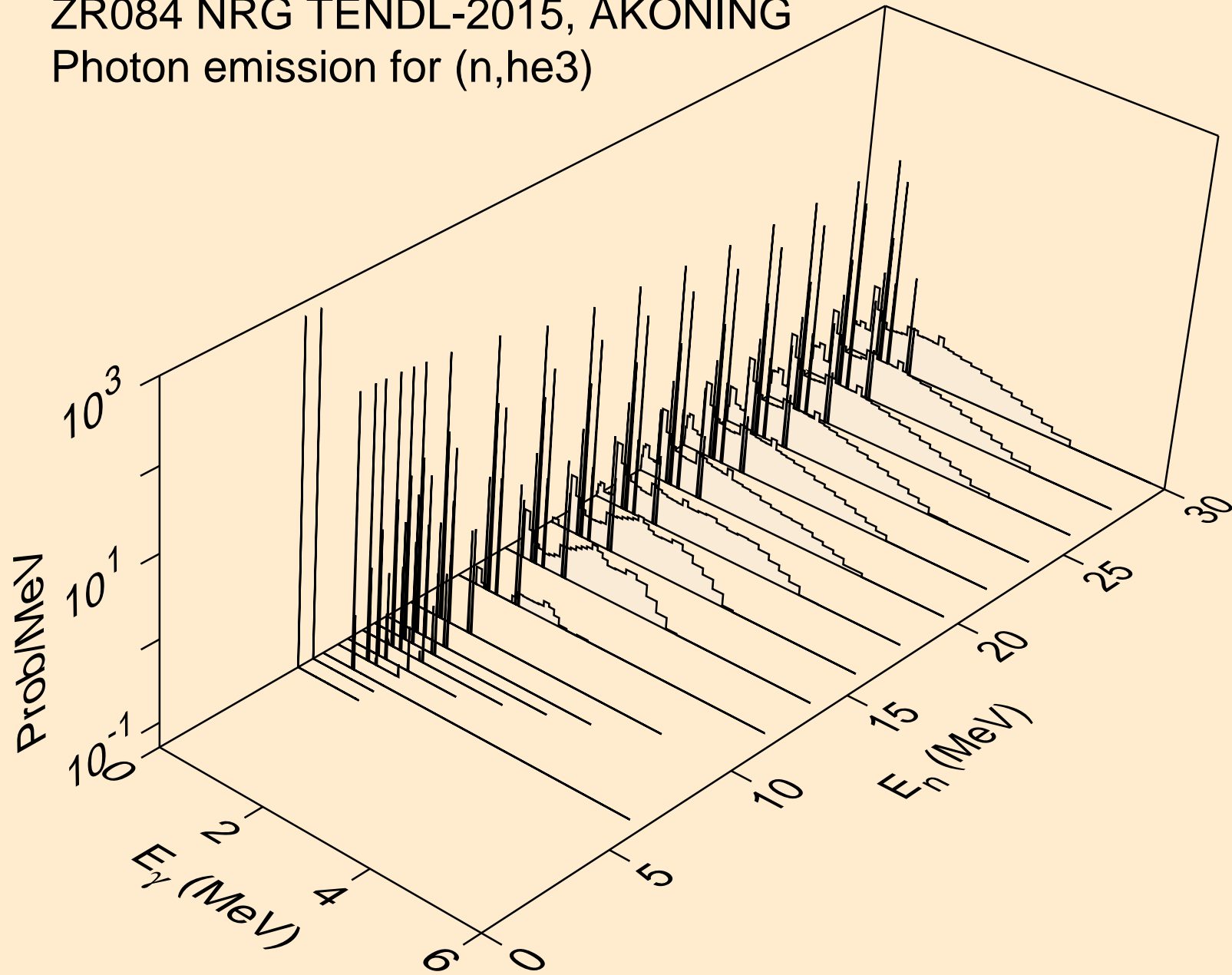
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



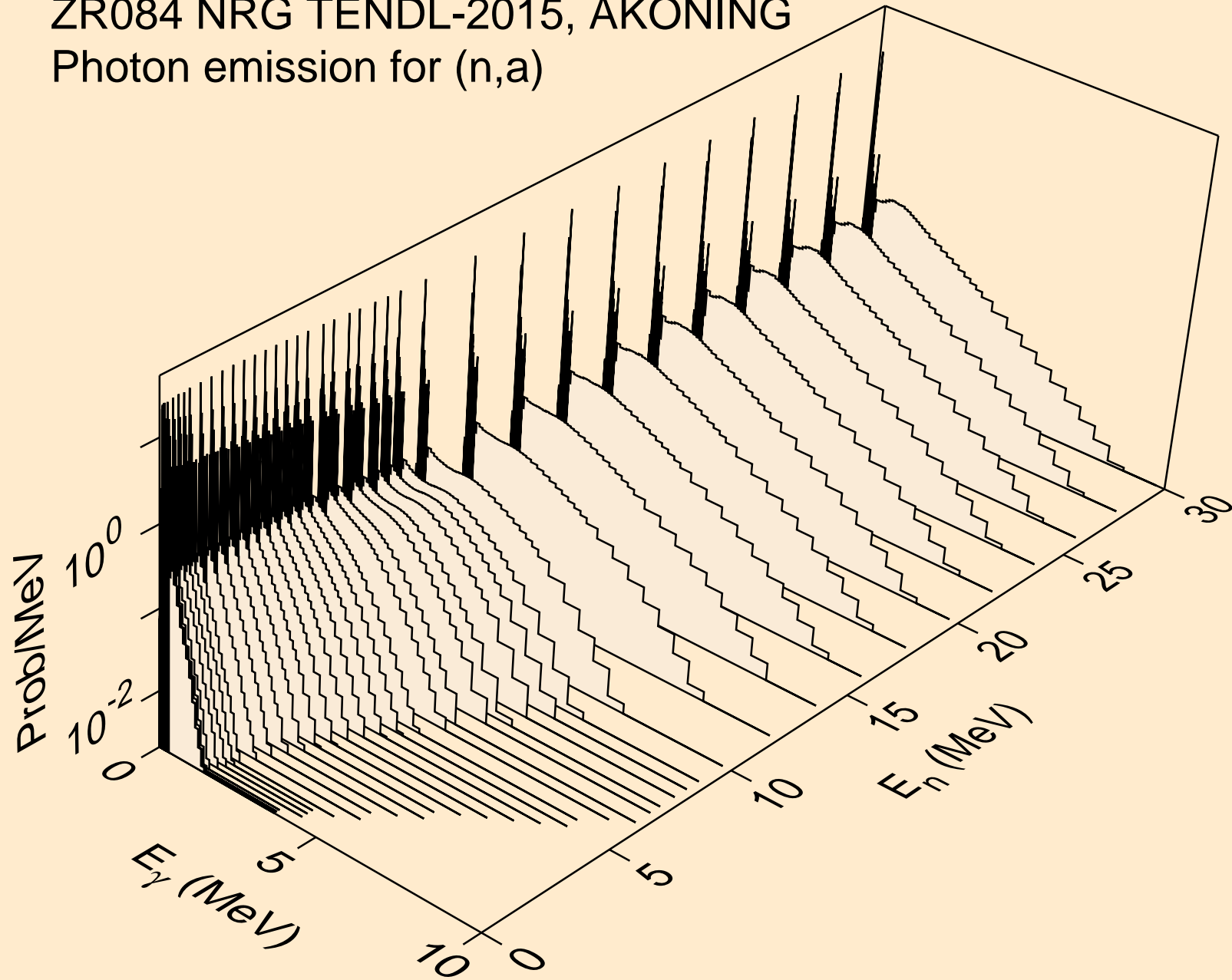
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

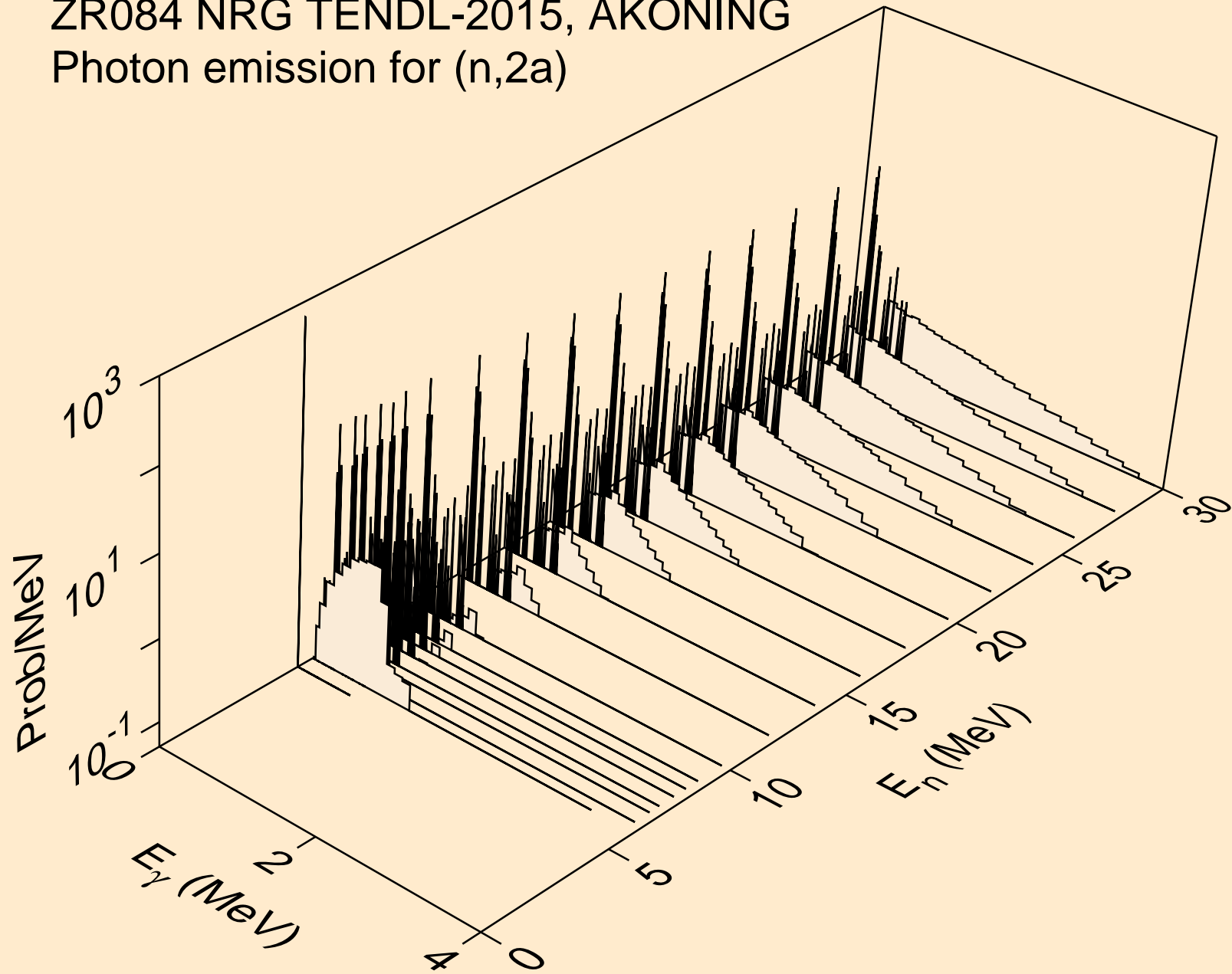


ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

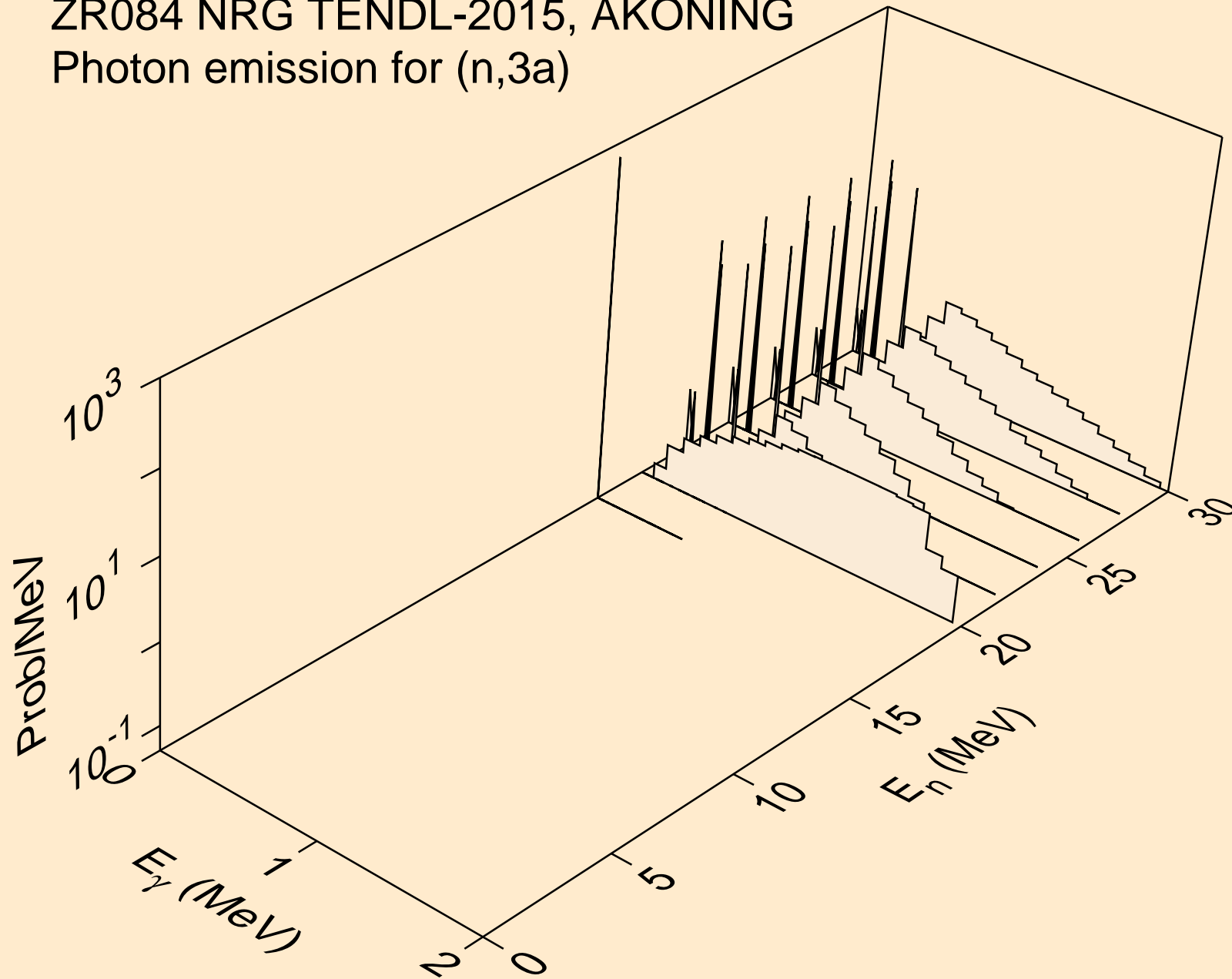




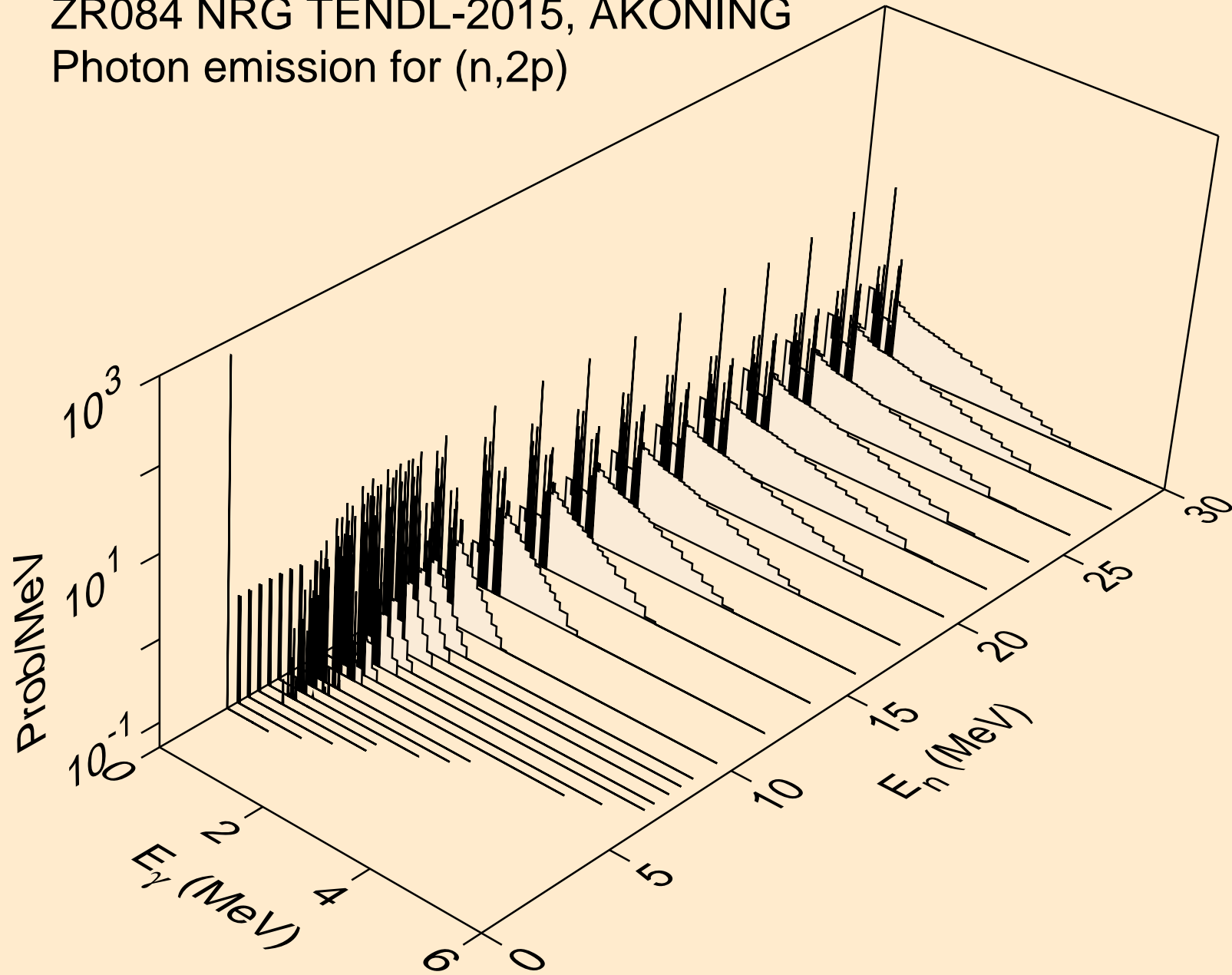
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



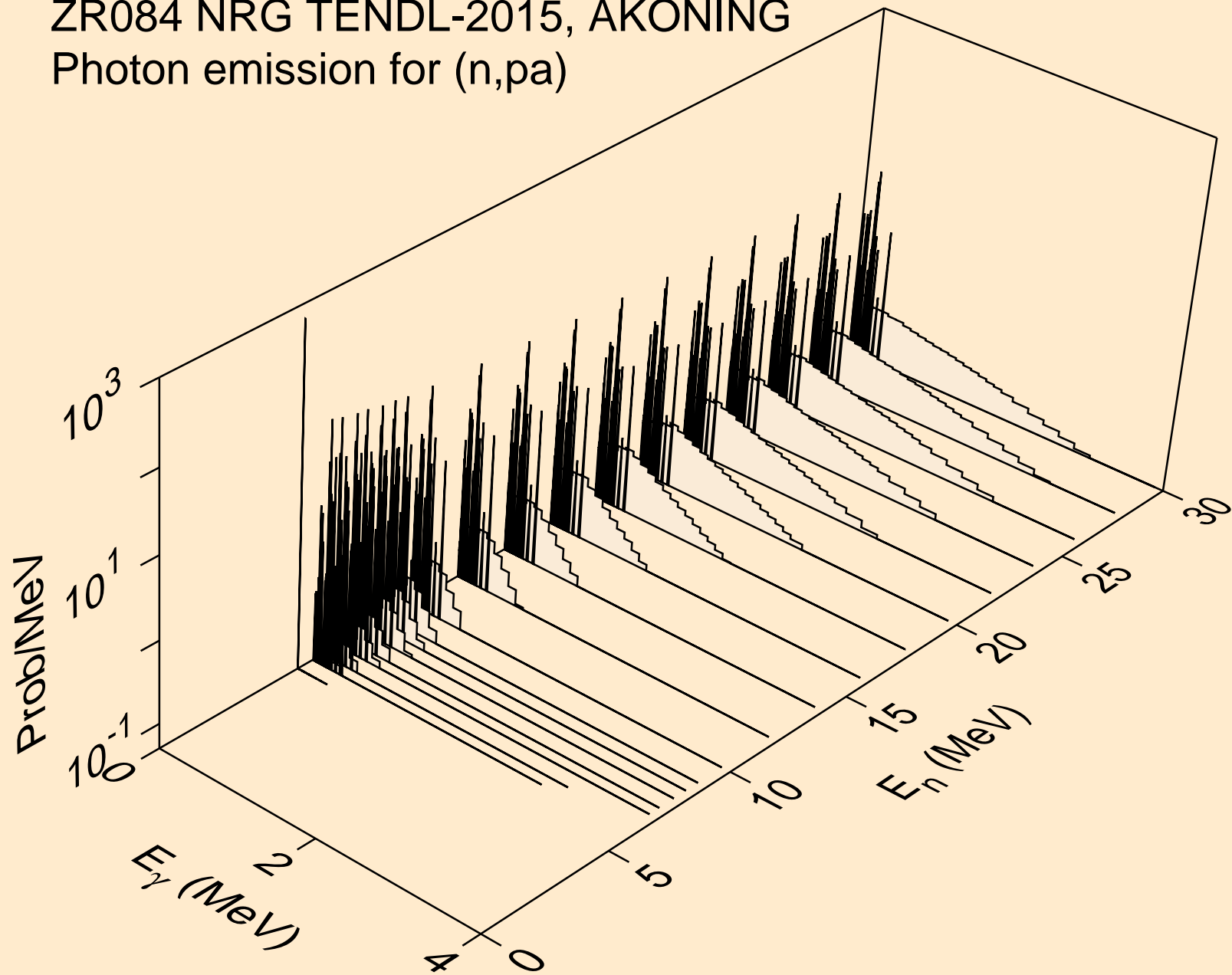
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



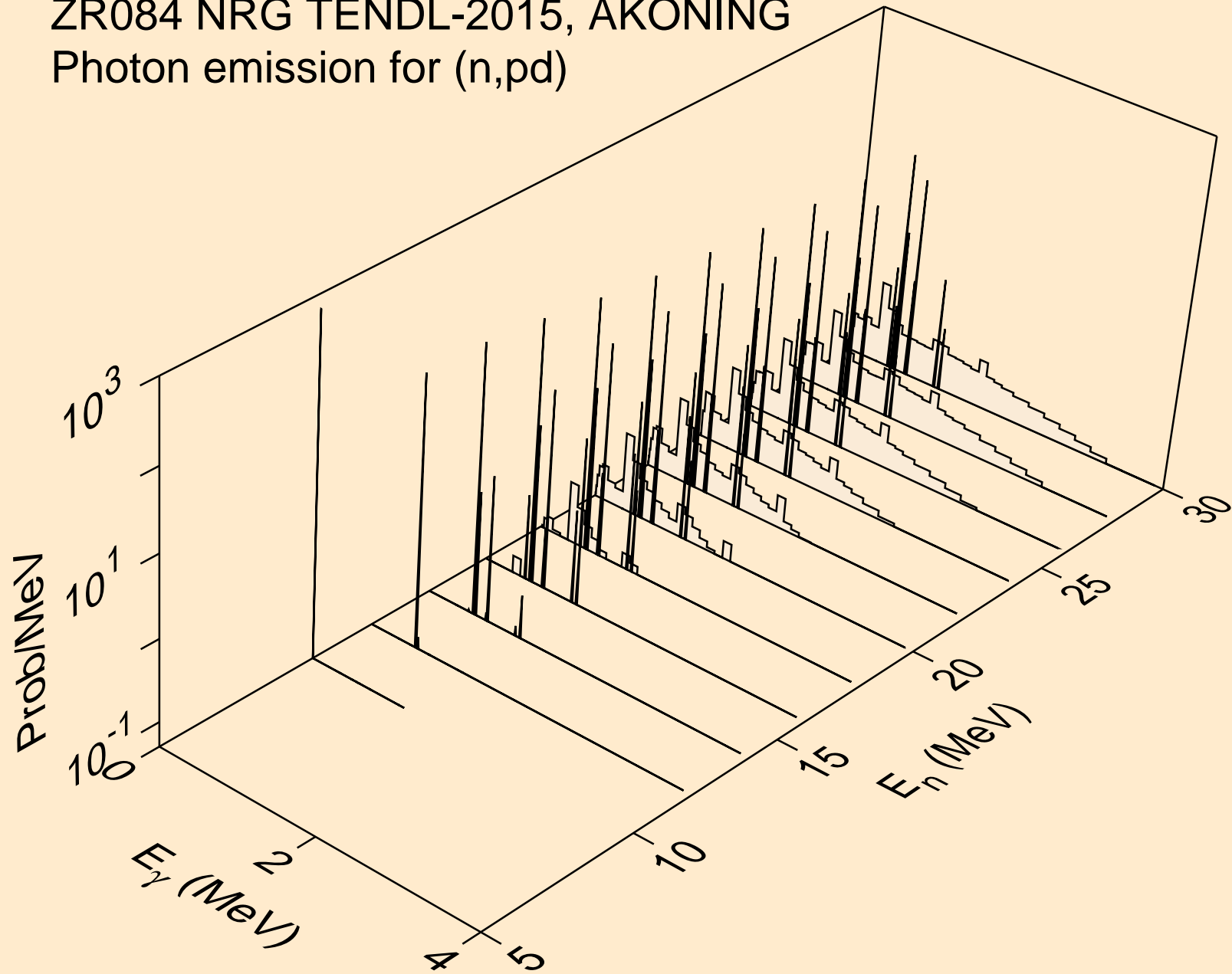
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



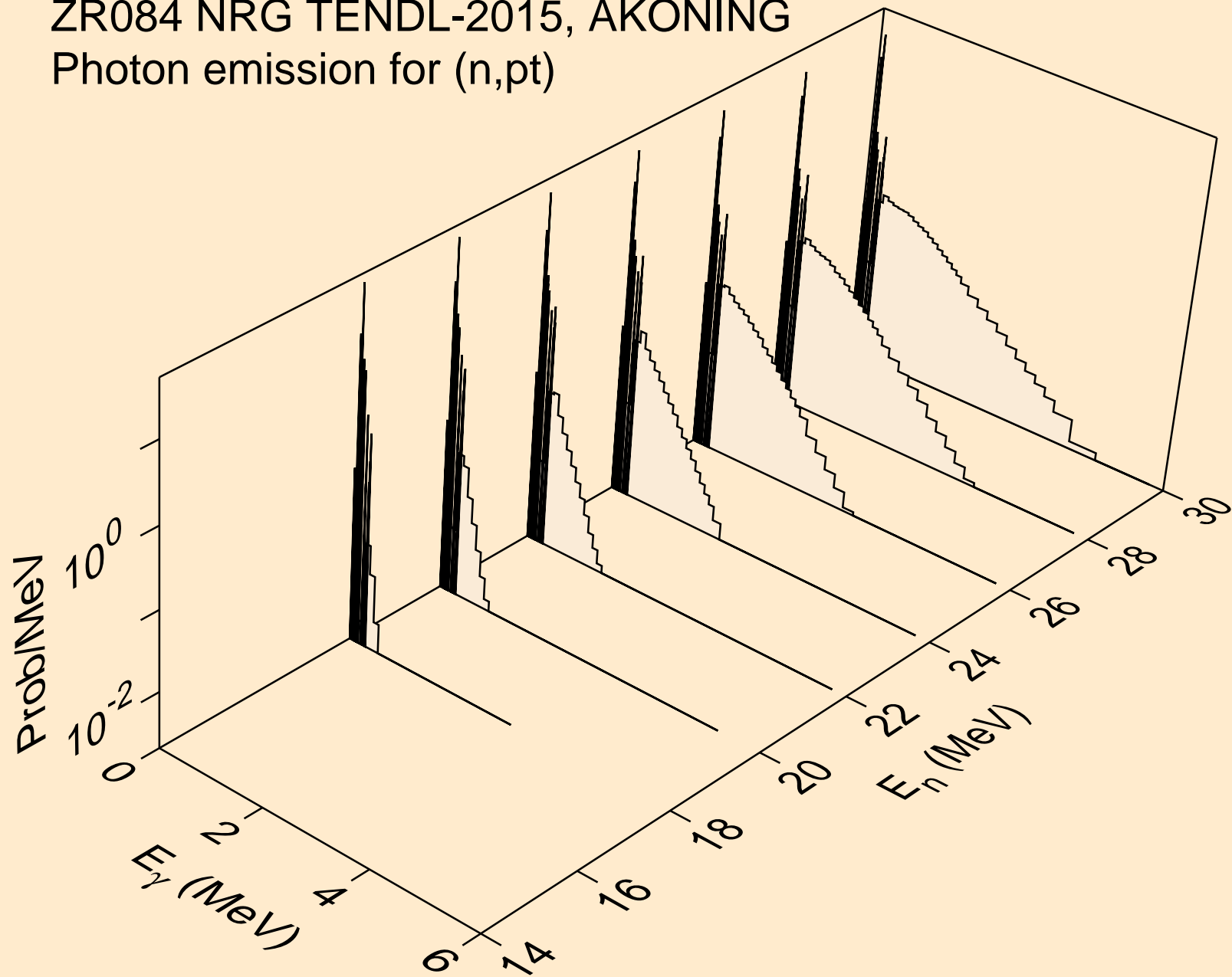
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



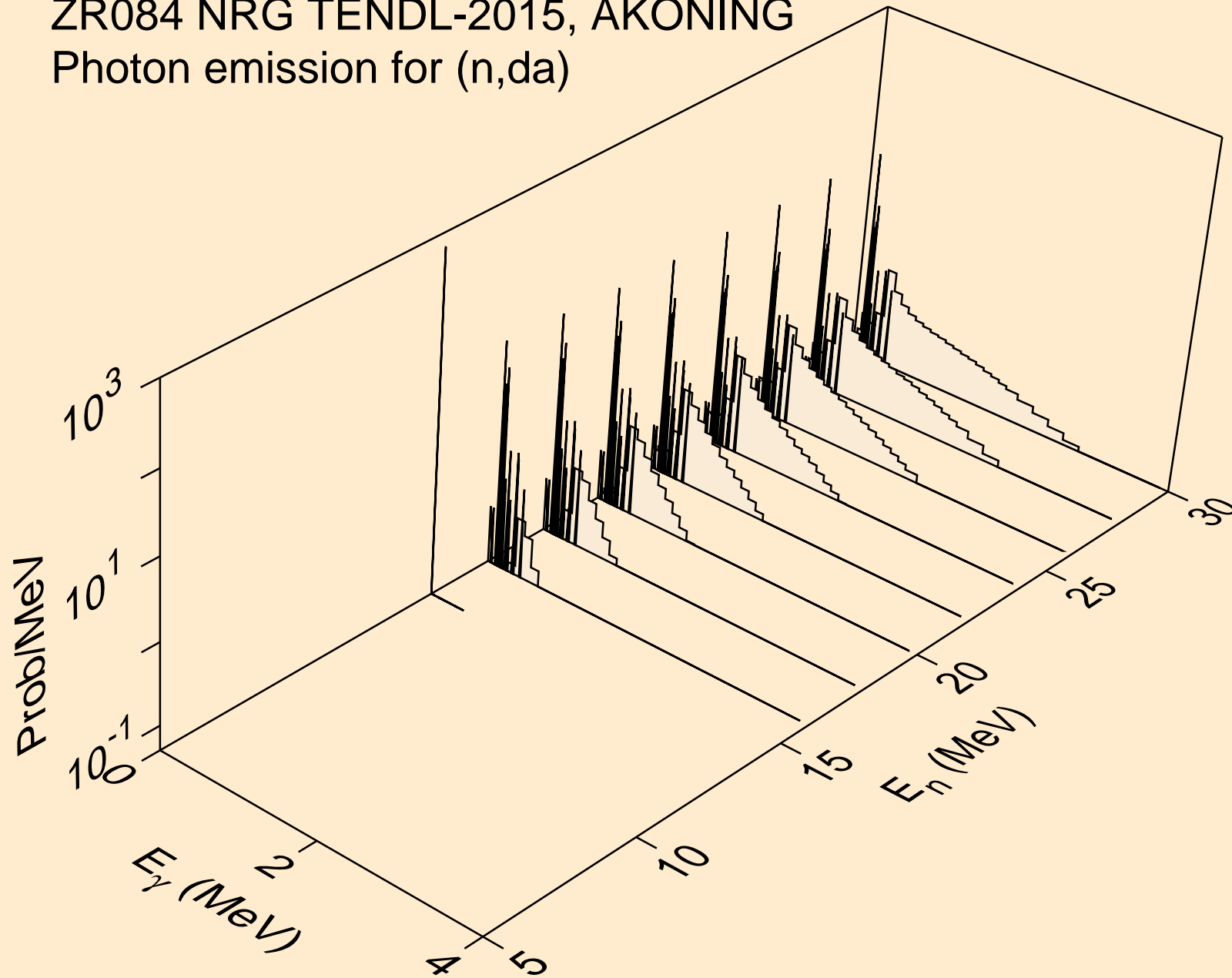
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



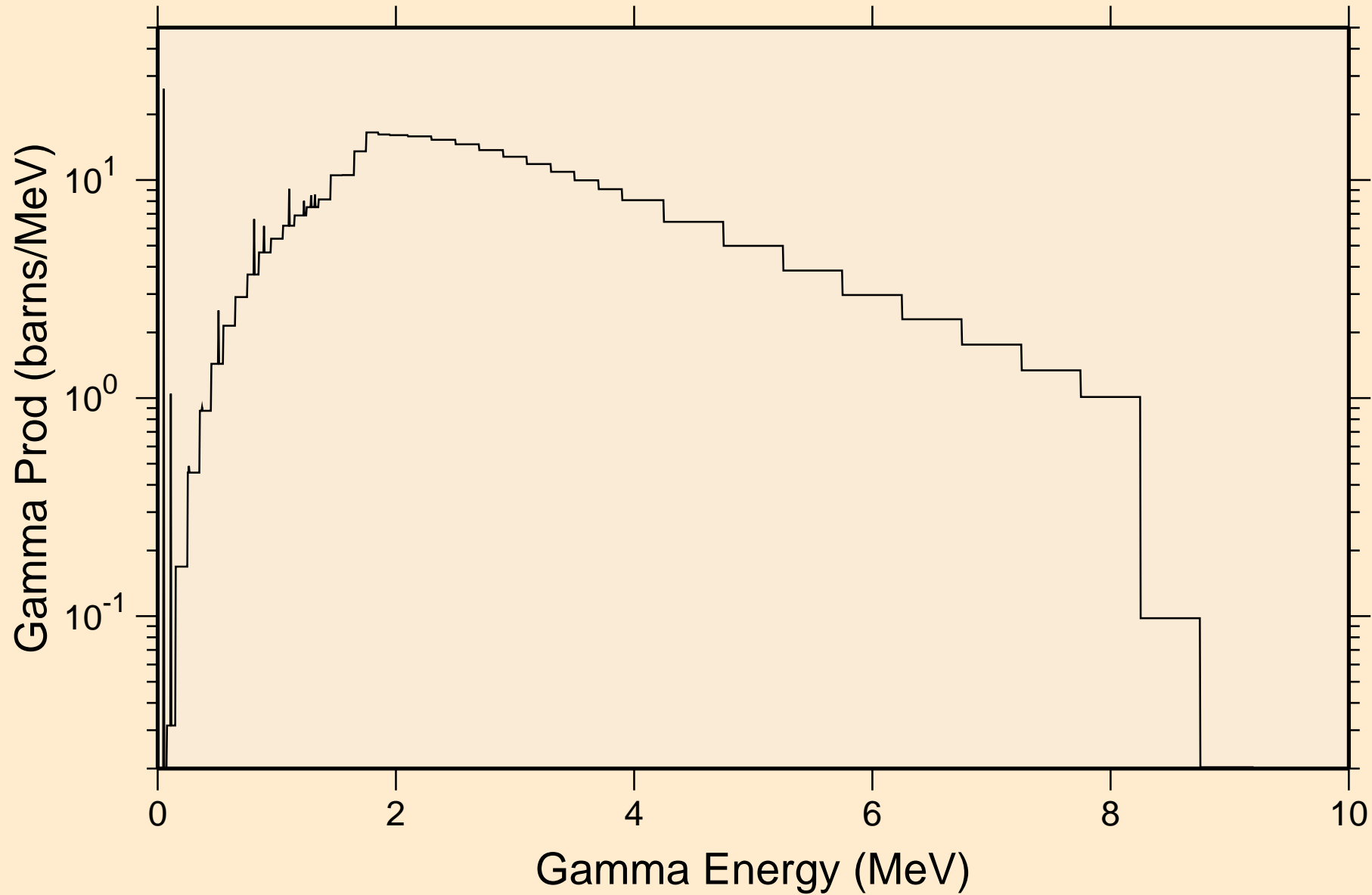
ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



ZR084 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

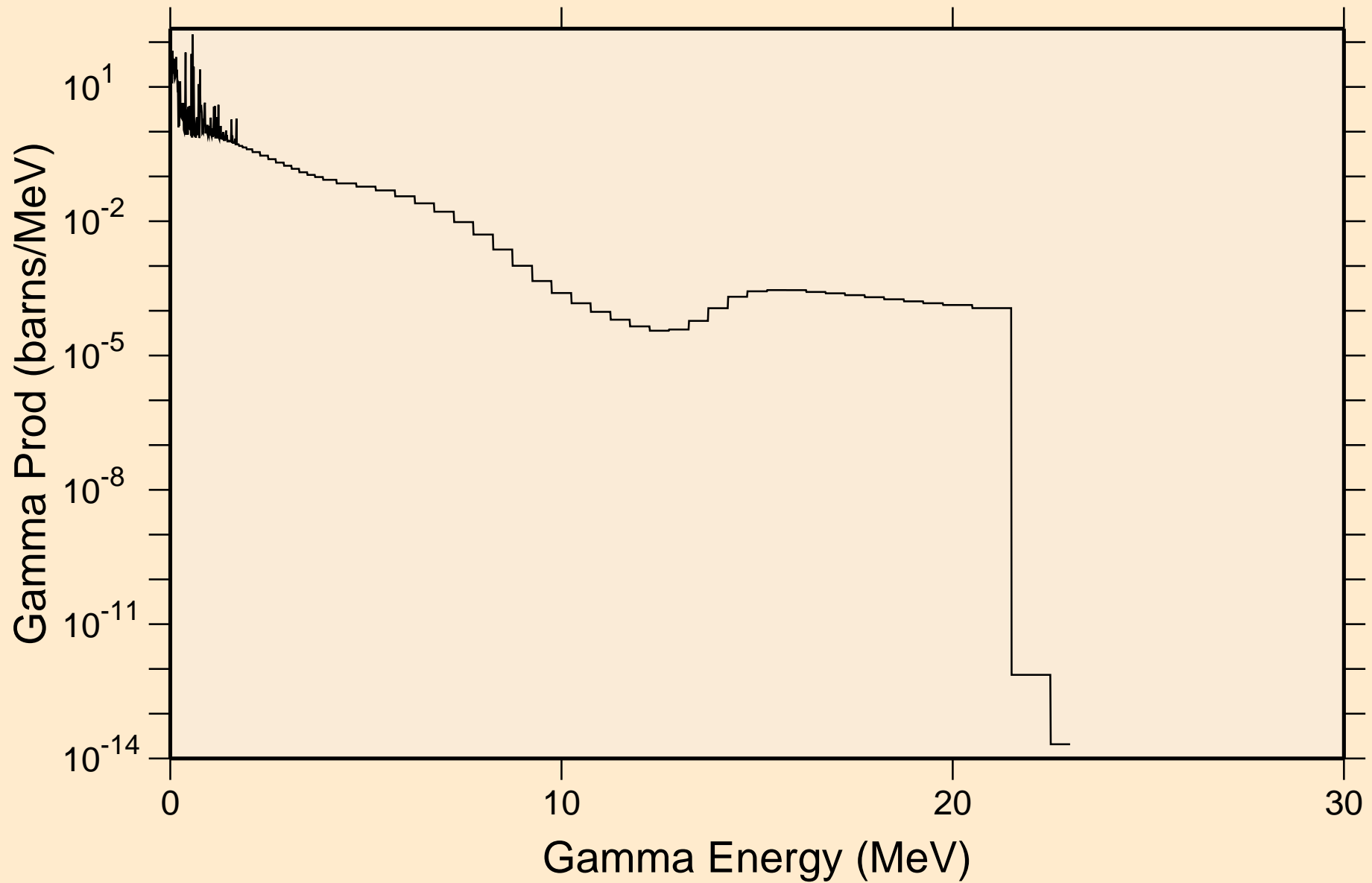


ZR084 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



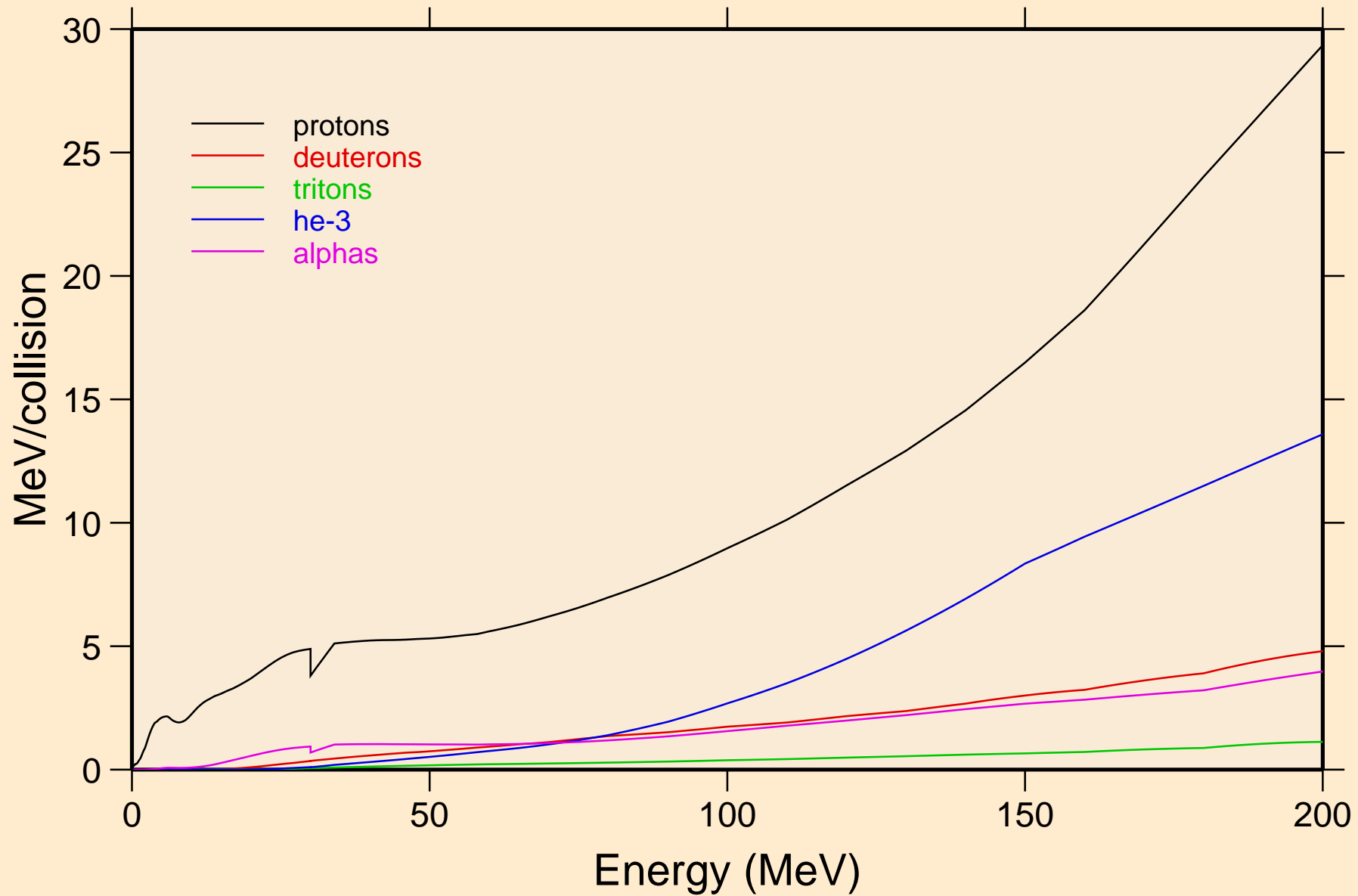


ZR084 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



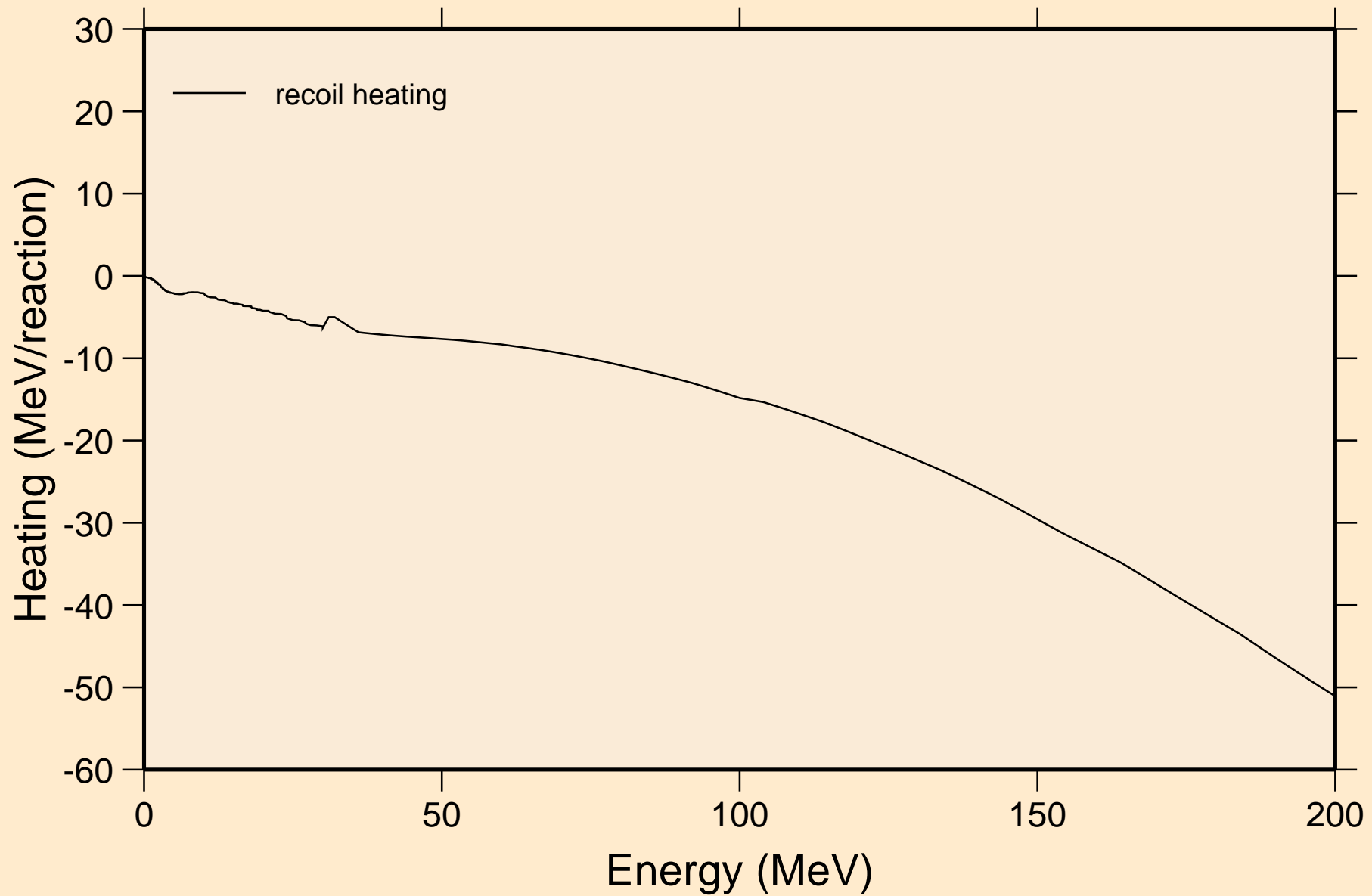
# ZR084 NRG TENDL-2015, AKONING

## Particle heating contributions



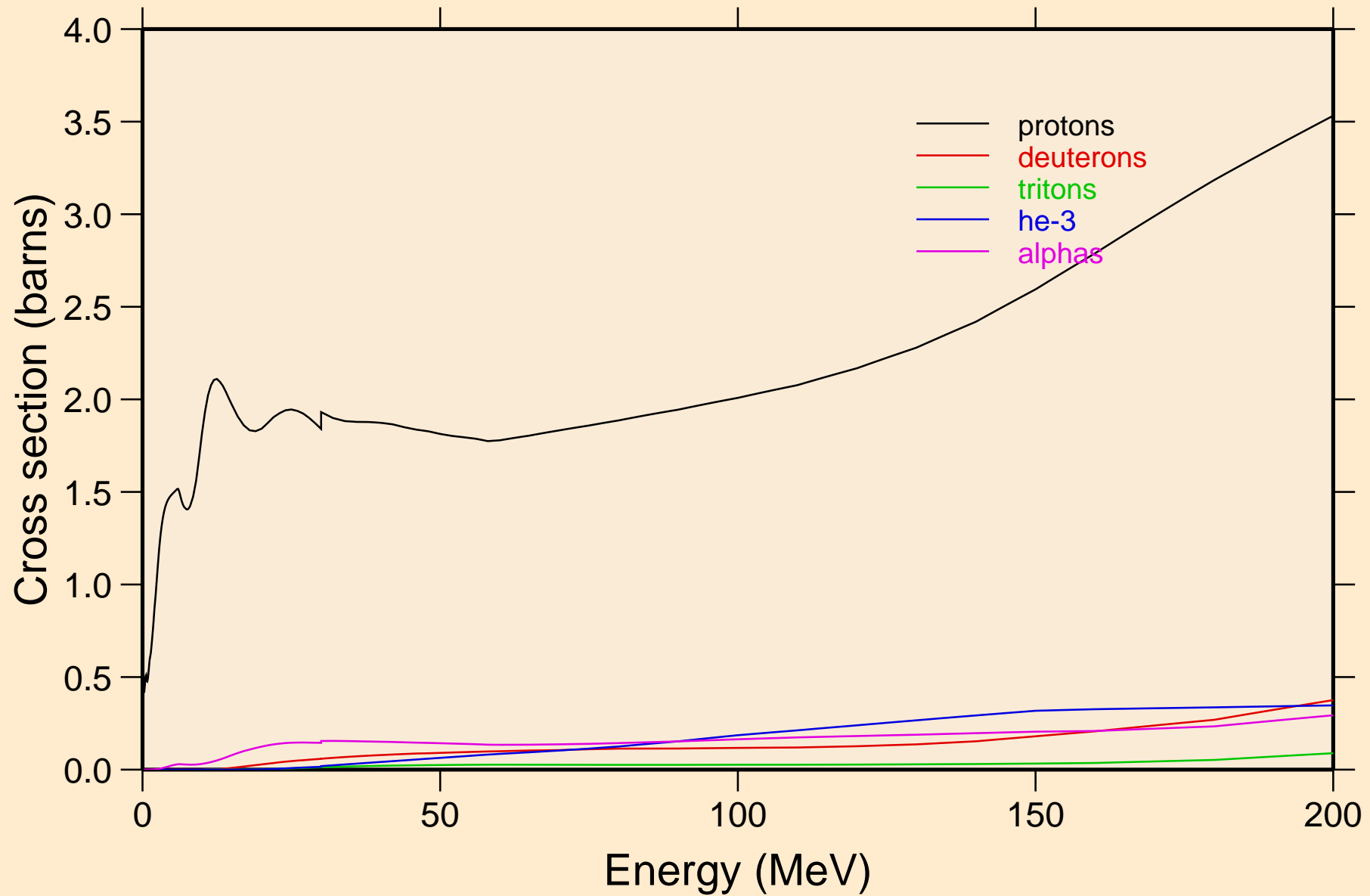
# ZR084 NRG TENDL-2015, AKONING

## Recoil Heating

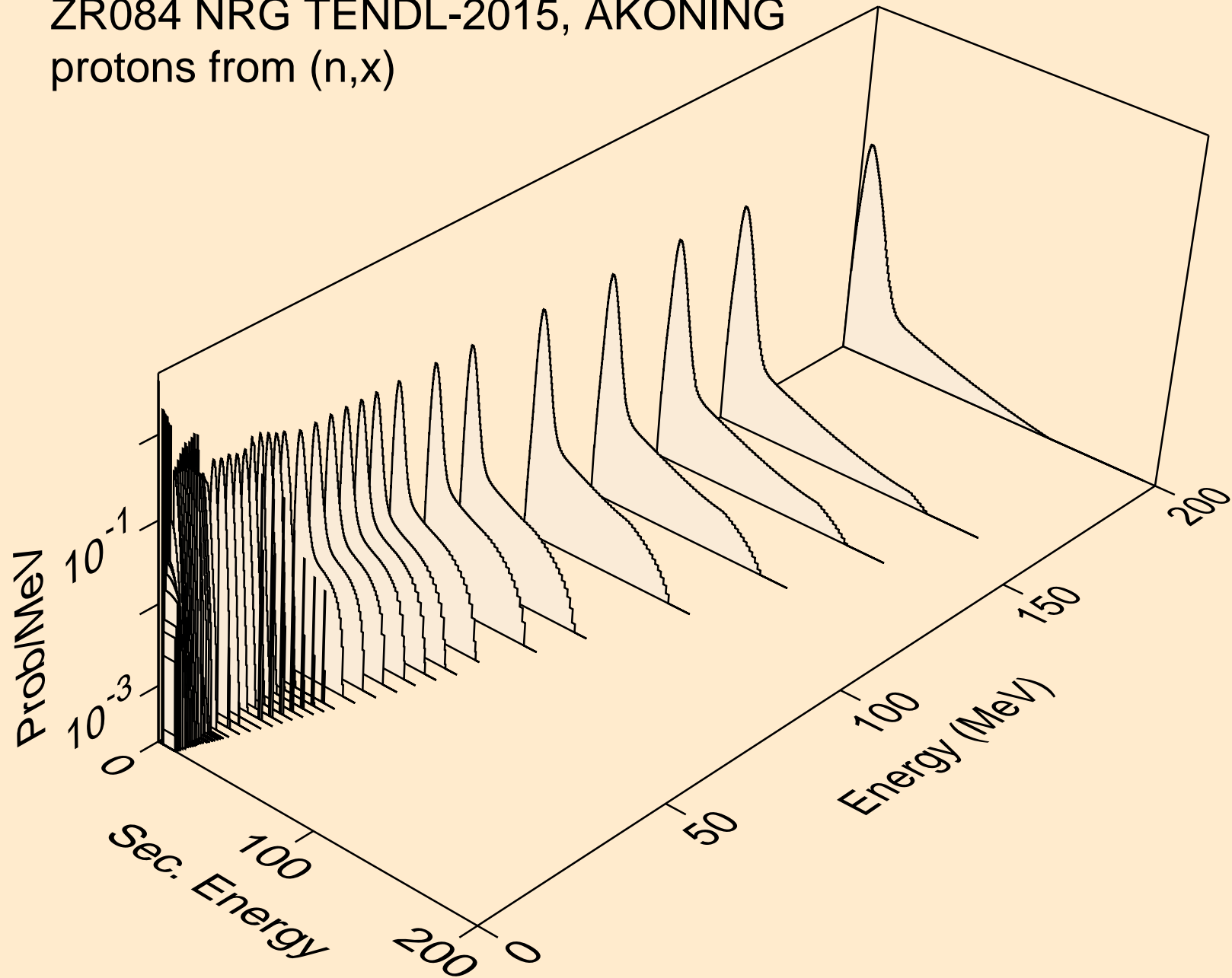


# ZR084 NRG TENDL-2015, AKONING

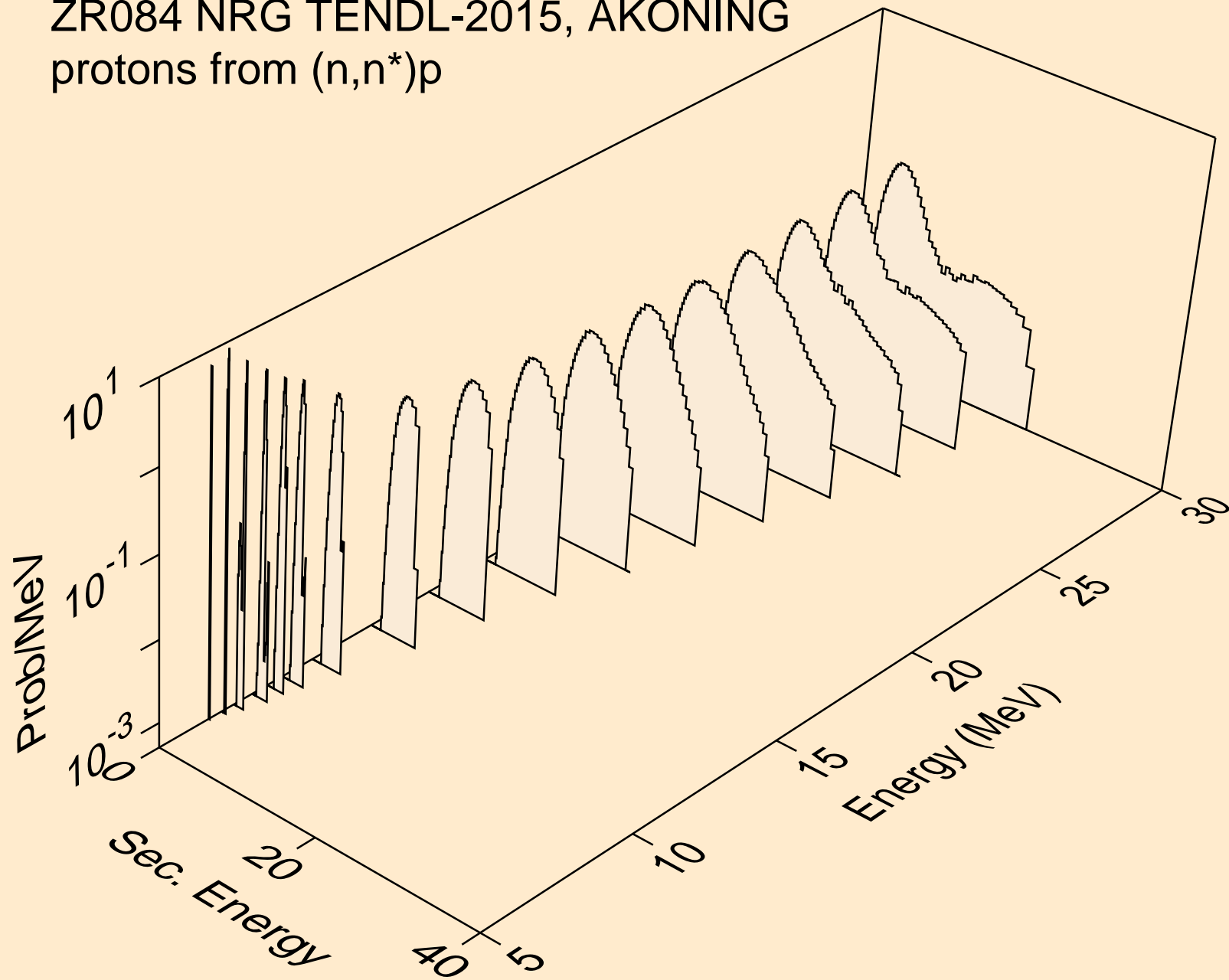
## Particle production cross sections



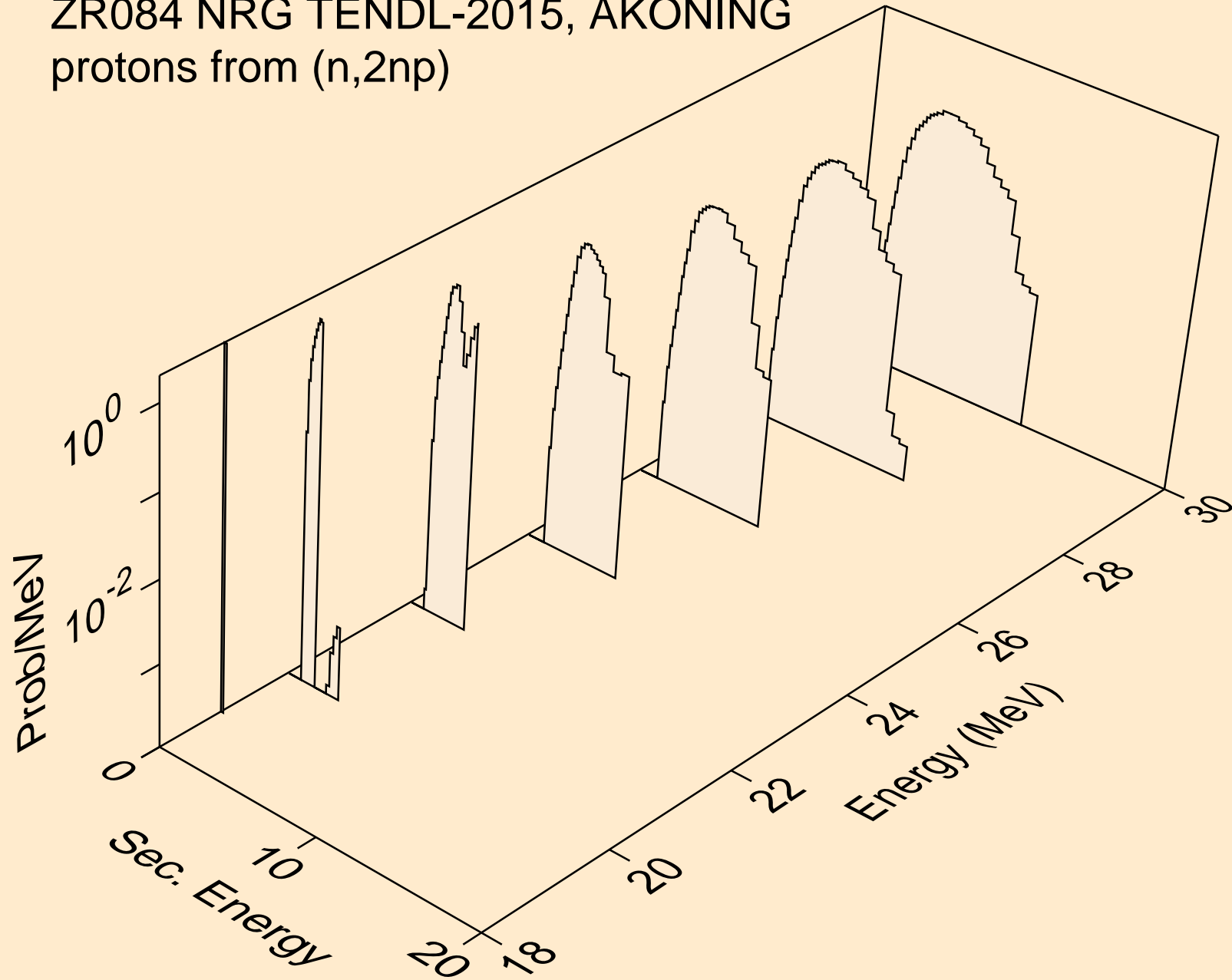
ZR084 NRG TENDL-2015, AKONING  
protons from (n,x)



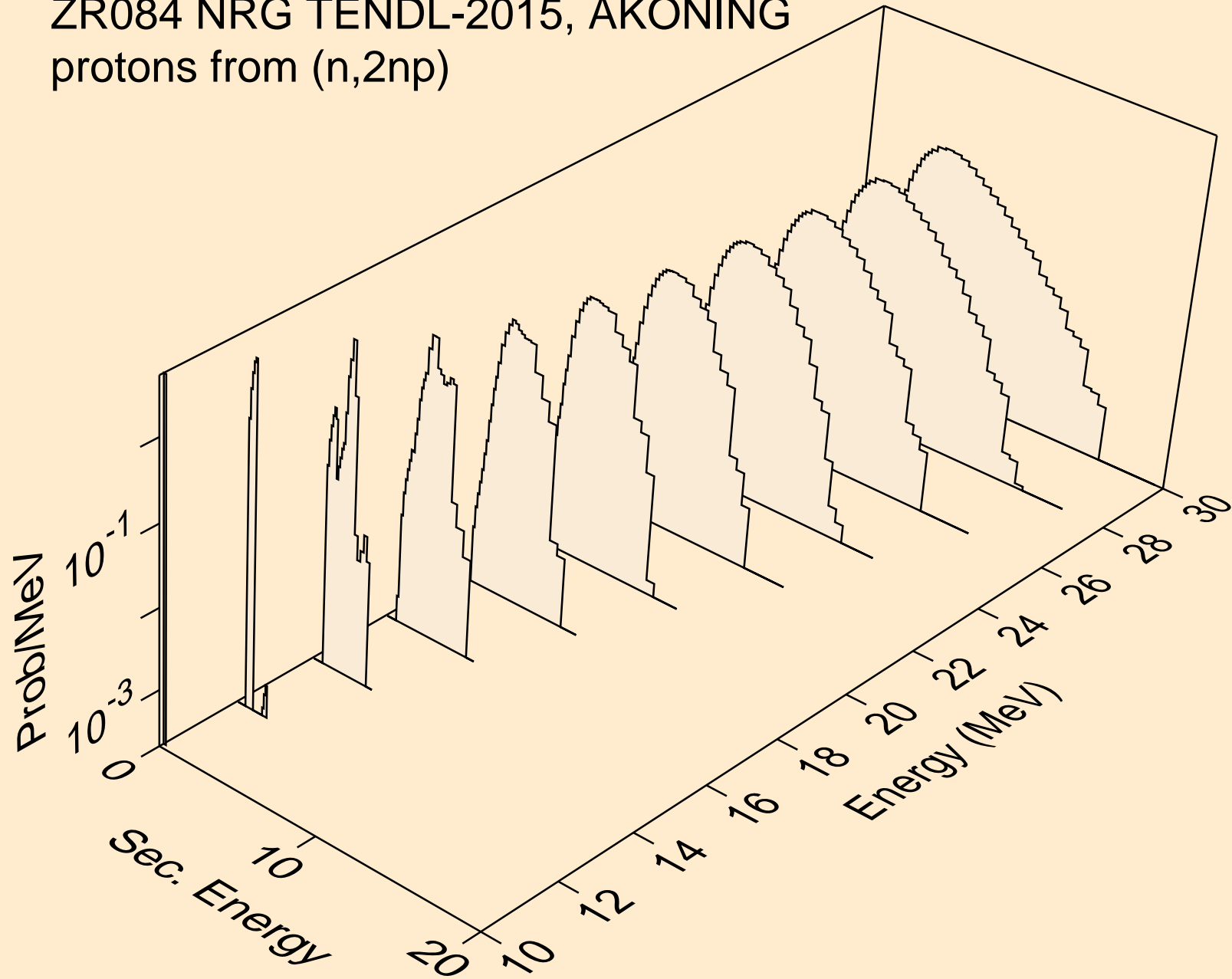
ZR084 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



ZR084 NRG TENDL-2015, AKONING  
protons from (n,2np)

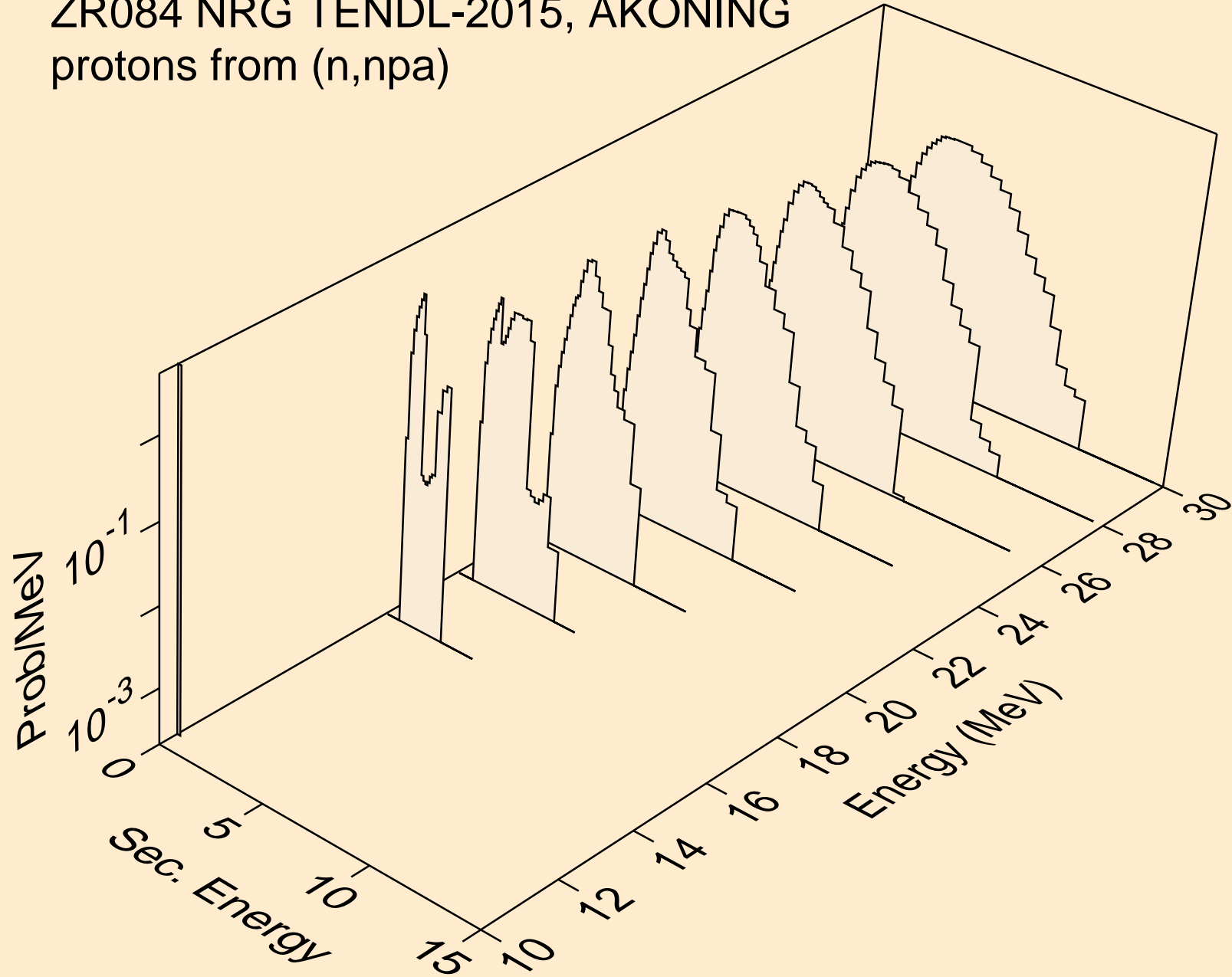


ZR084 NRG TENDL-2015, AKONING  
protons from (n,2np)

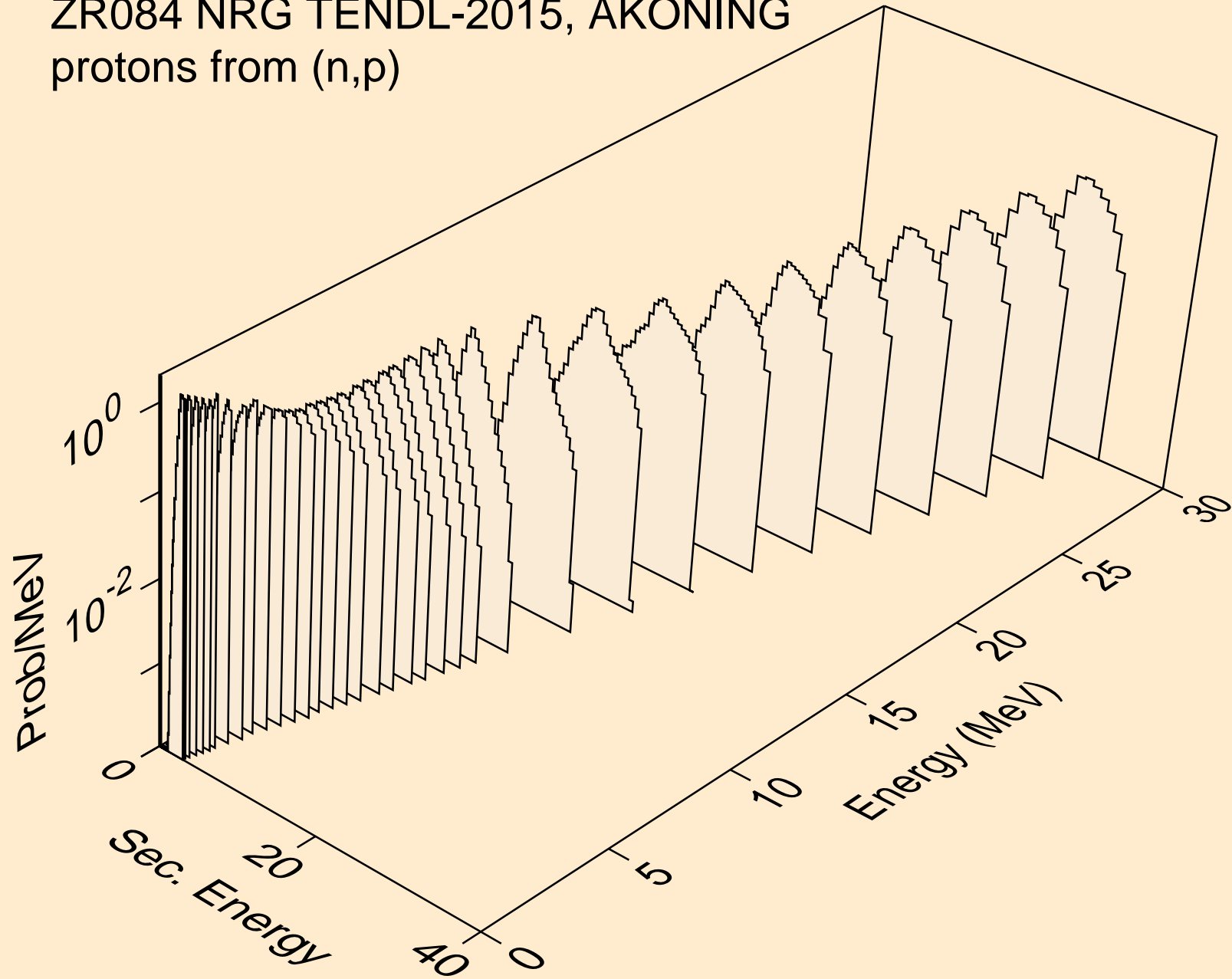




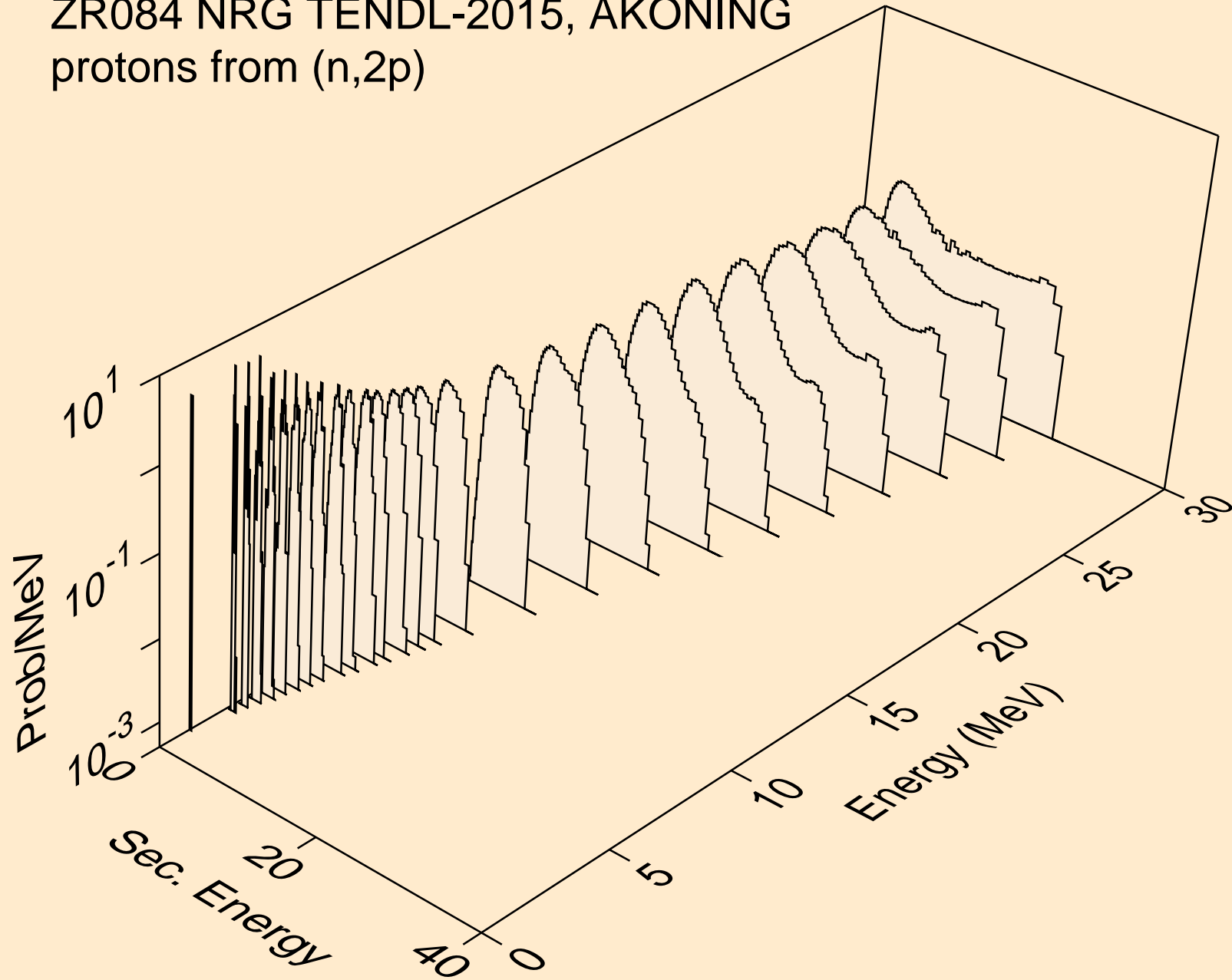
ZR084 NRG TENDL-2015, AKONING  
protons from (n,npa)



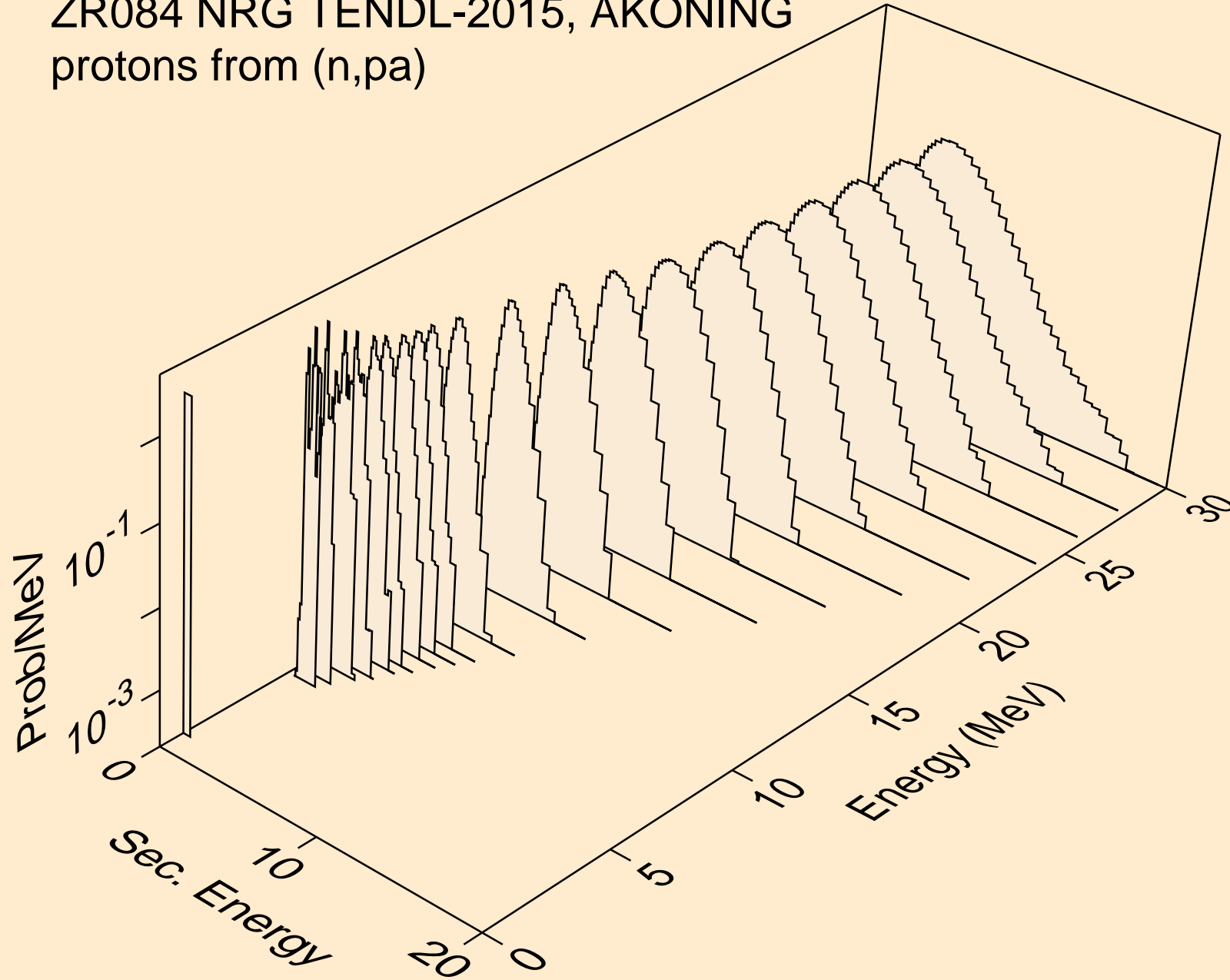
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protons from (n,p)



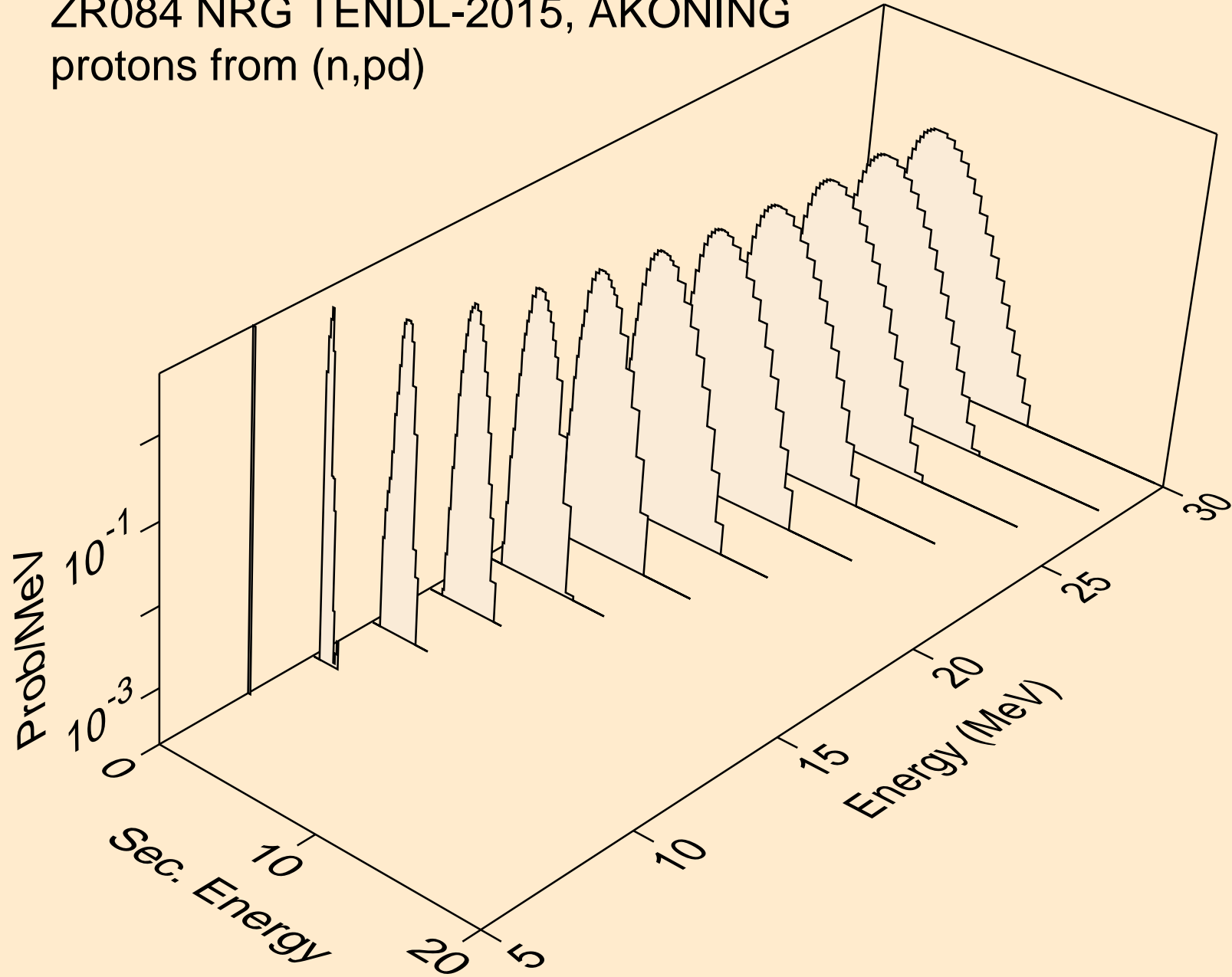
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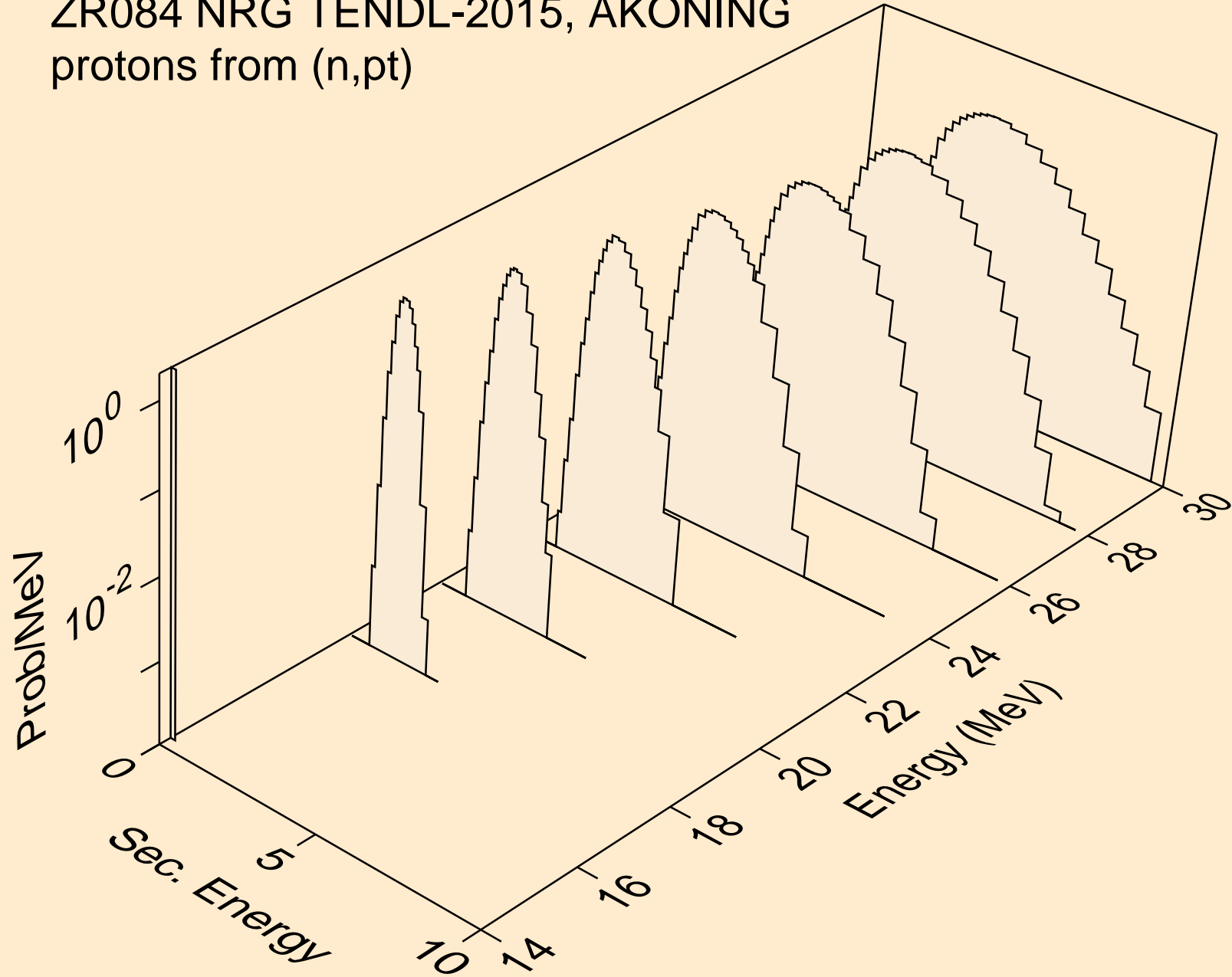
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protons from (n,pa)



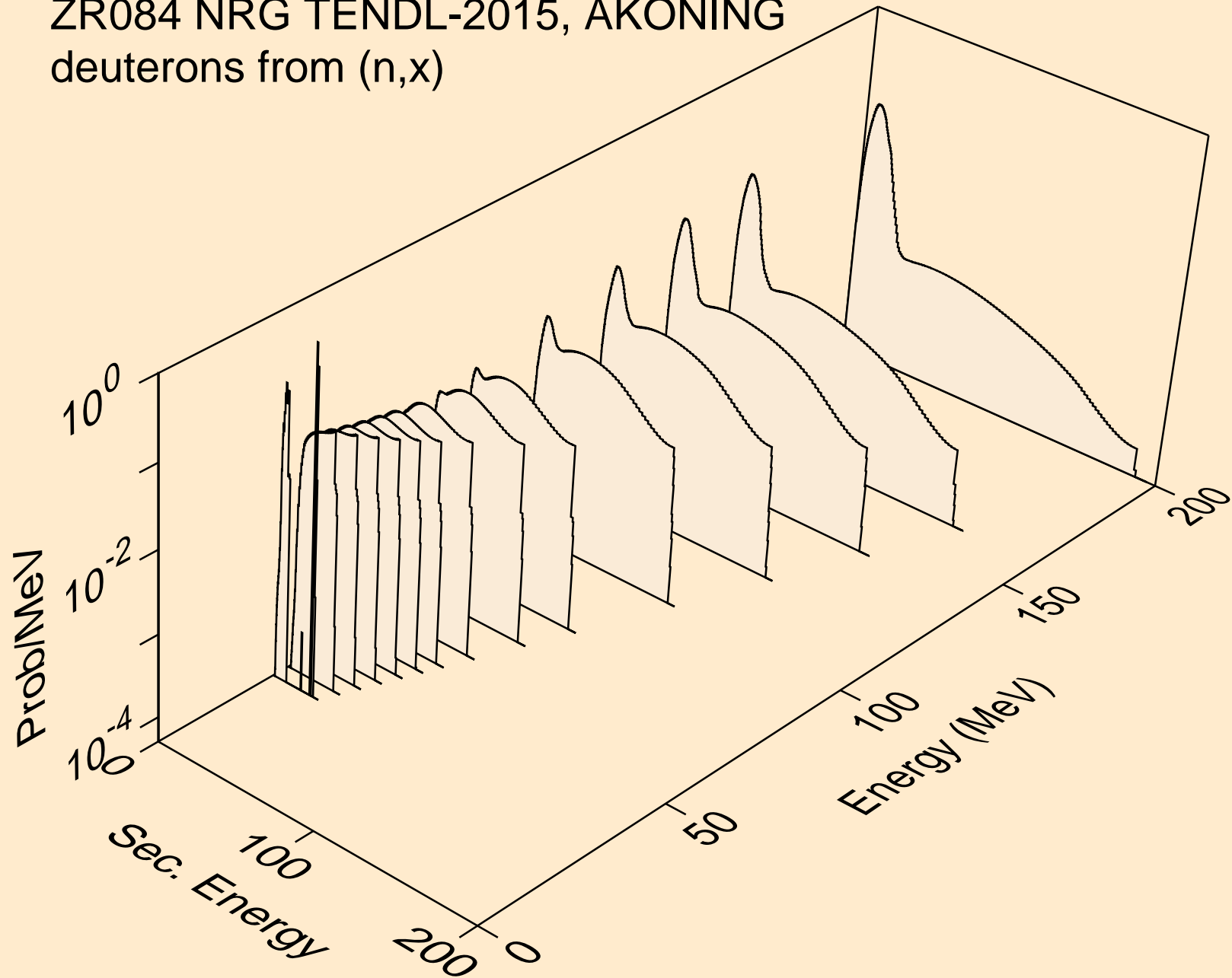
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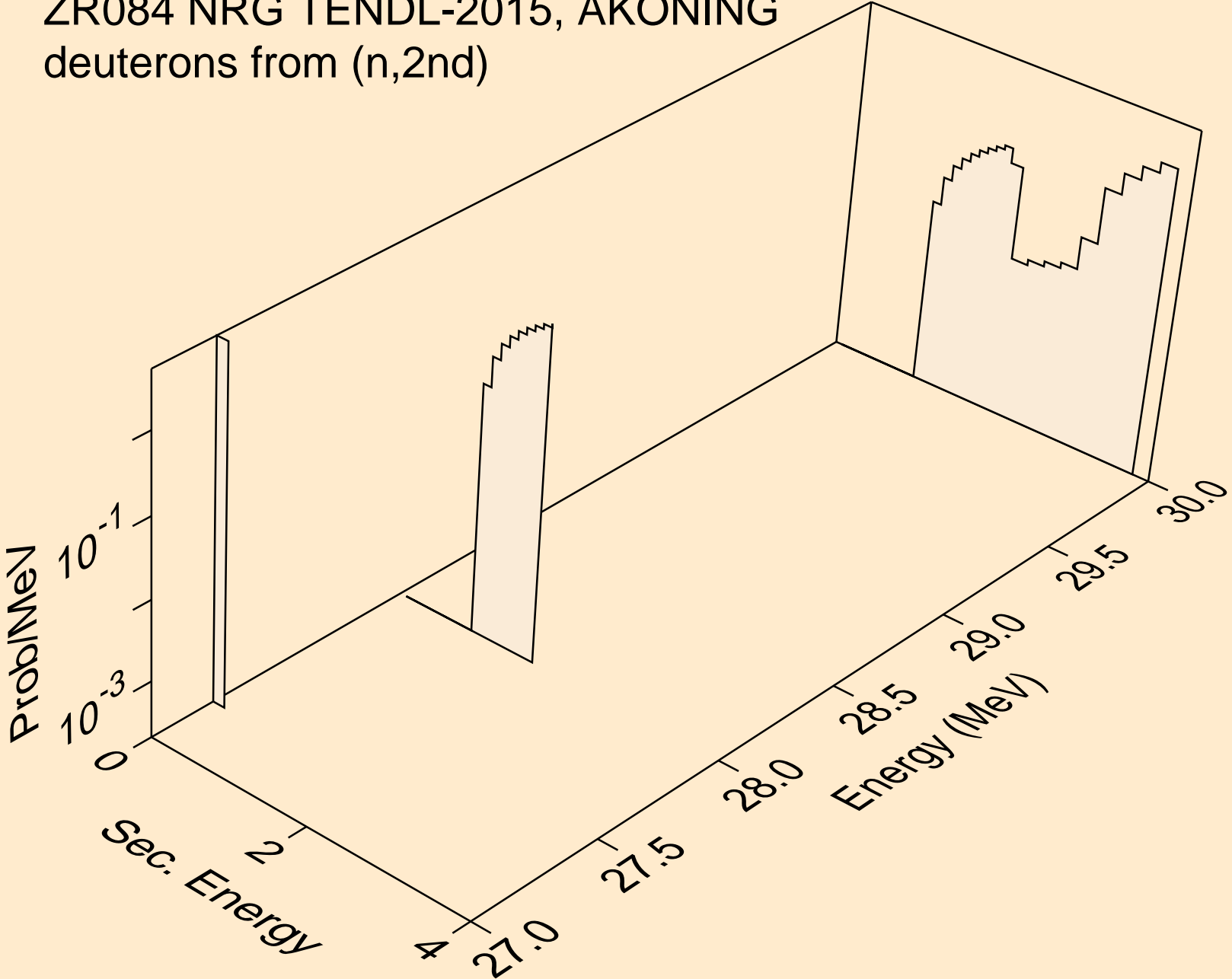
ZR084 NRG TENDL-2015, AKONING  
protons from (n,pt)



ZR084 NRG TENDL-2015, AKONING  
deuterons from (n,x)

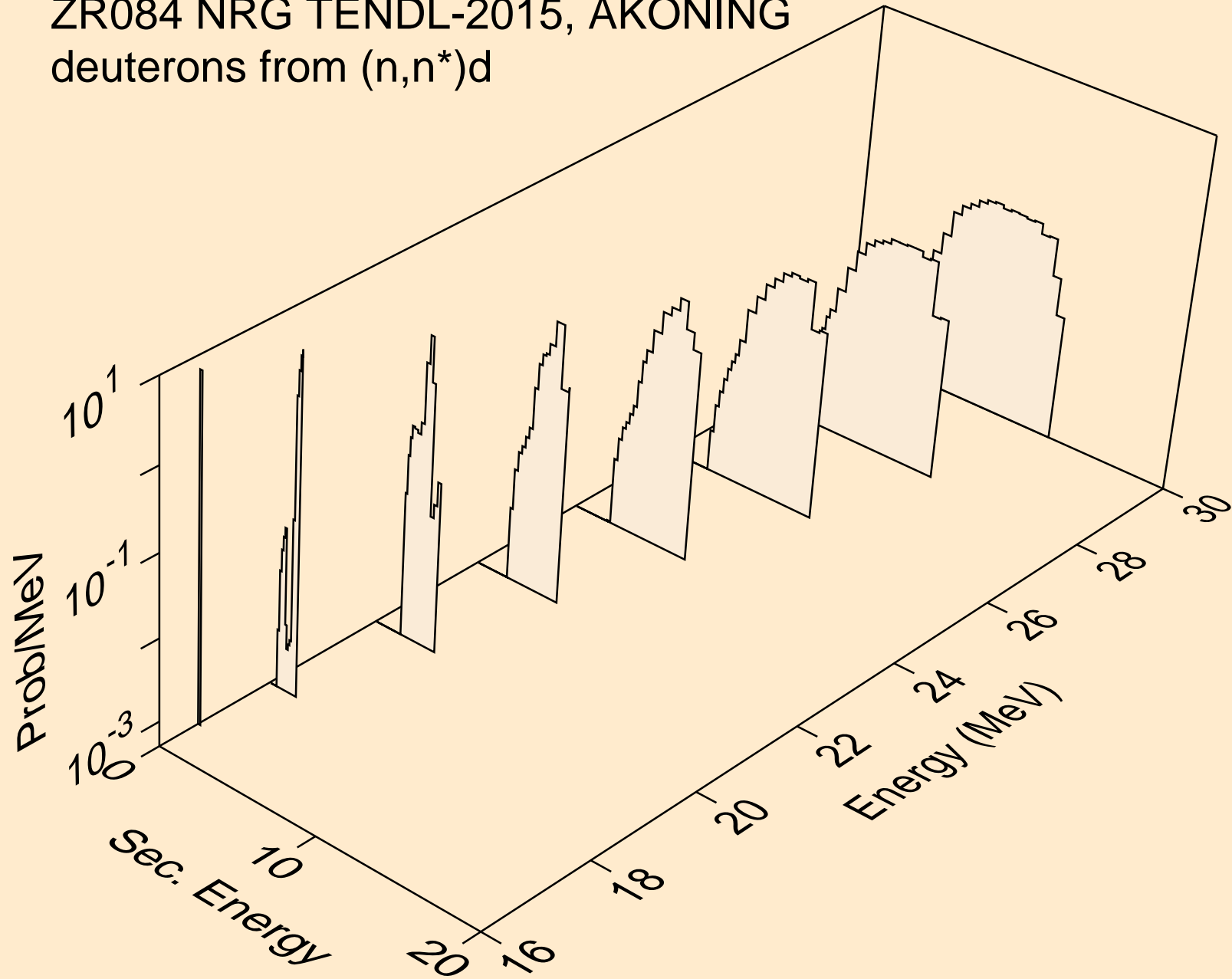


ZR084 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

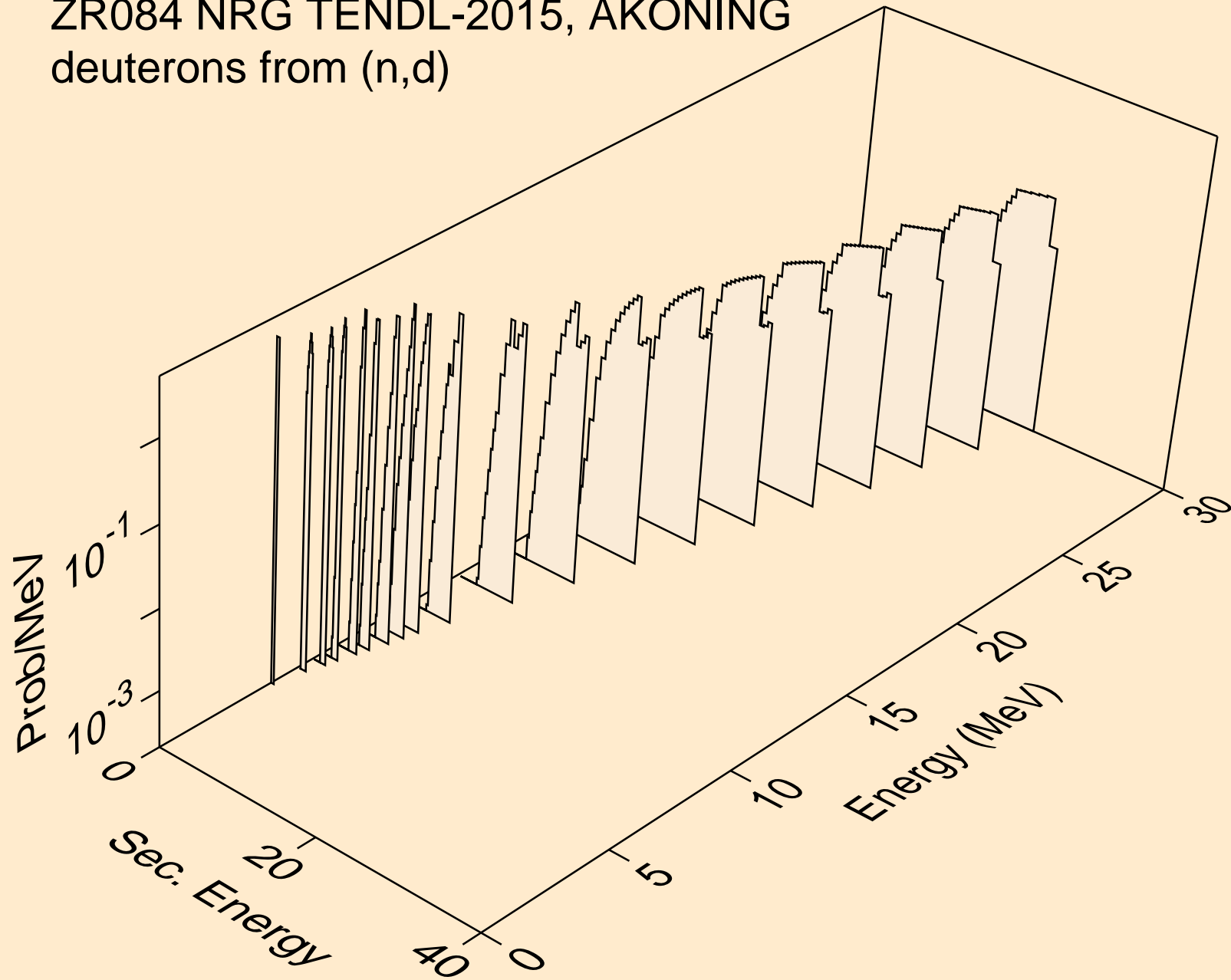




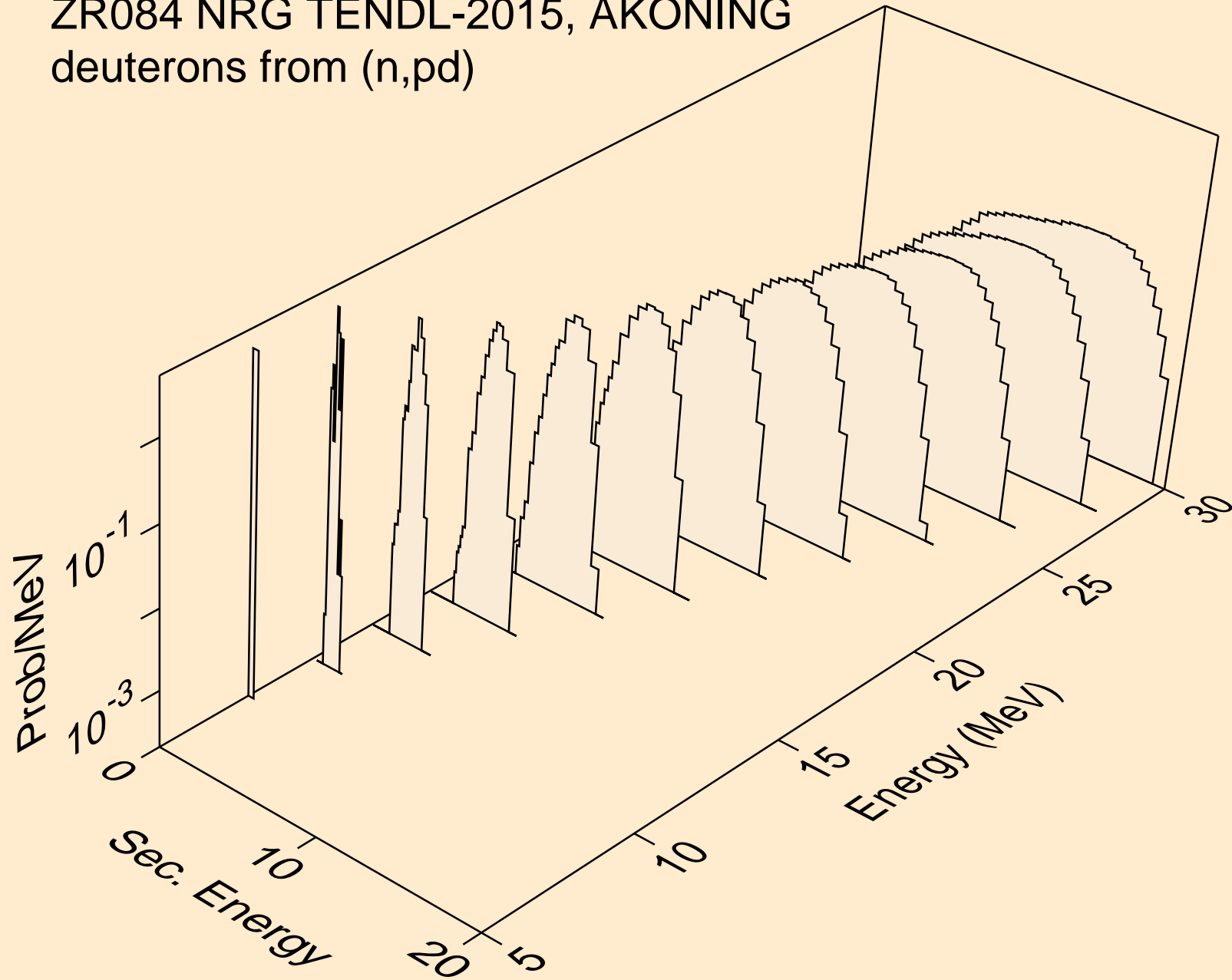
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deuterons from (n,n\*)d



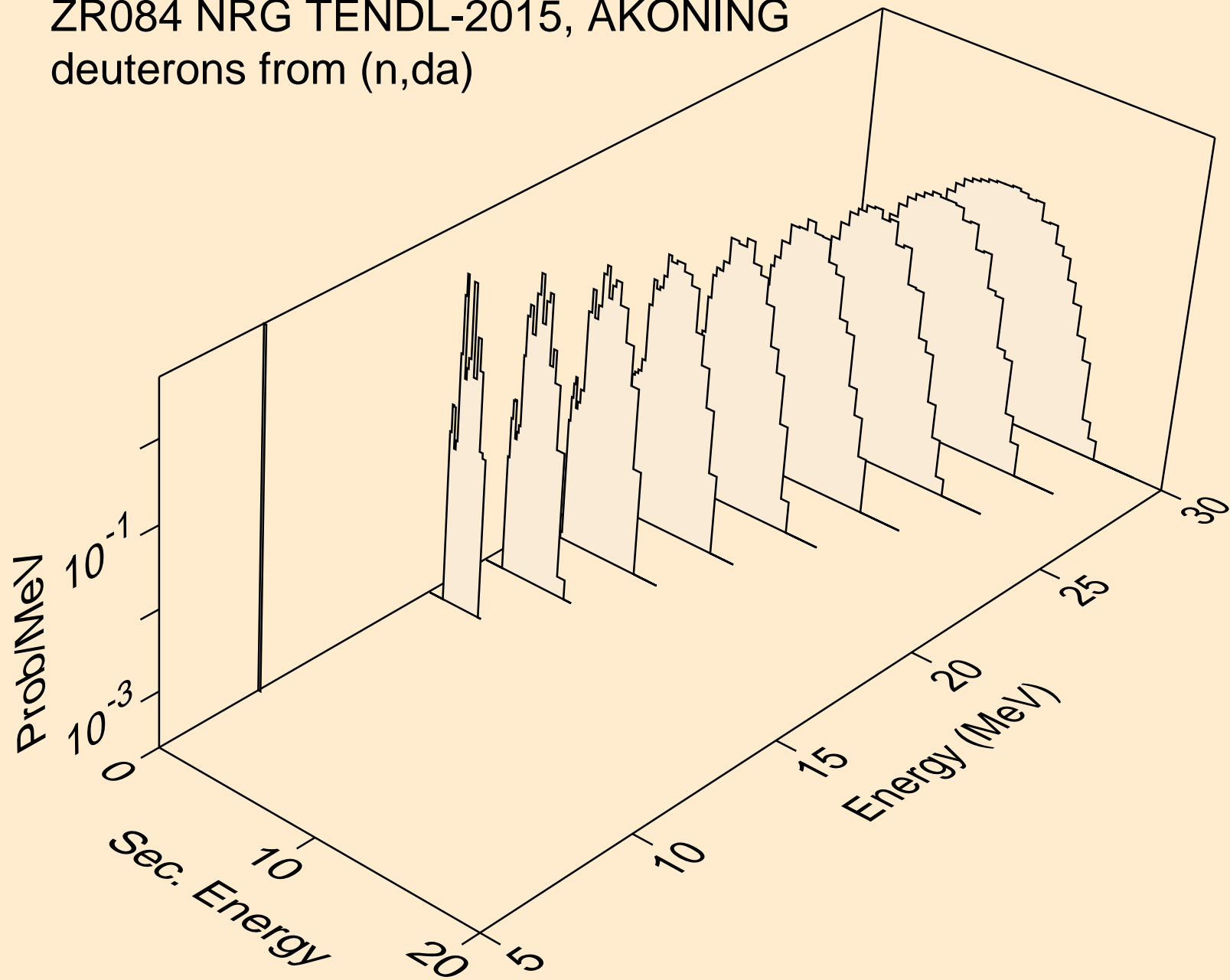
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deuterons from (n,d)



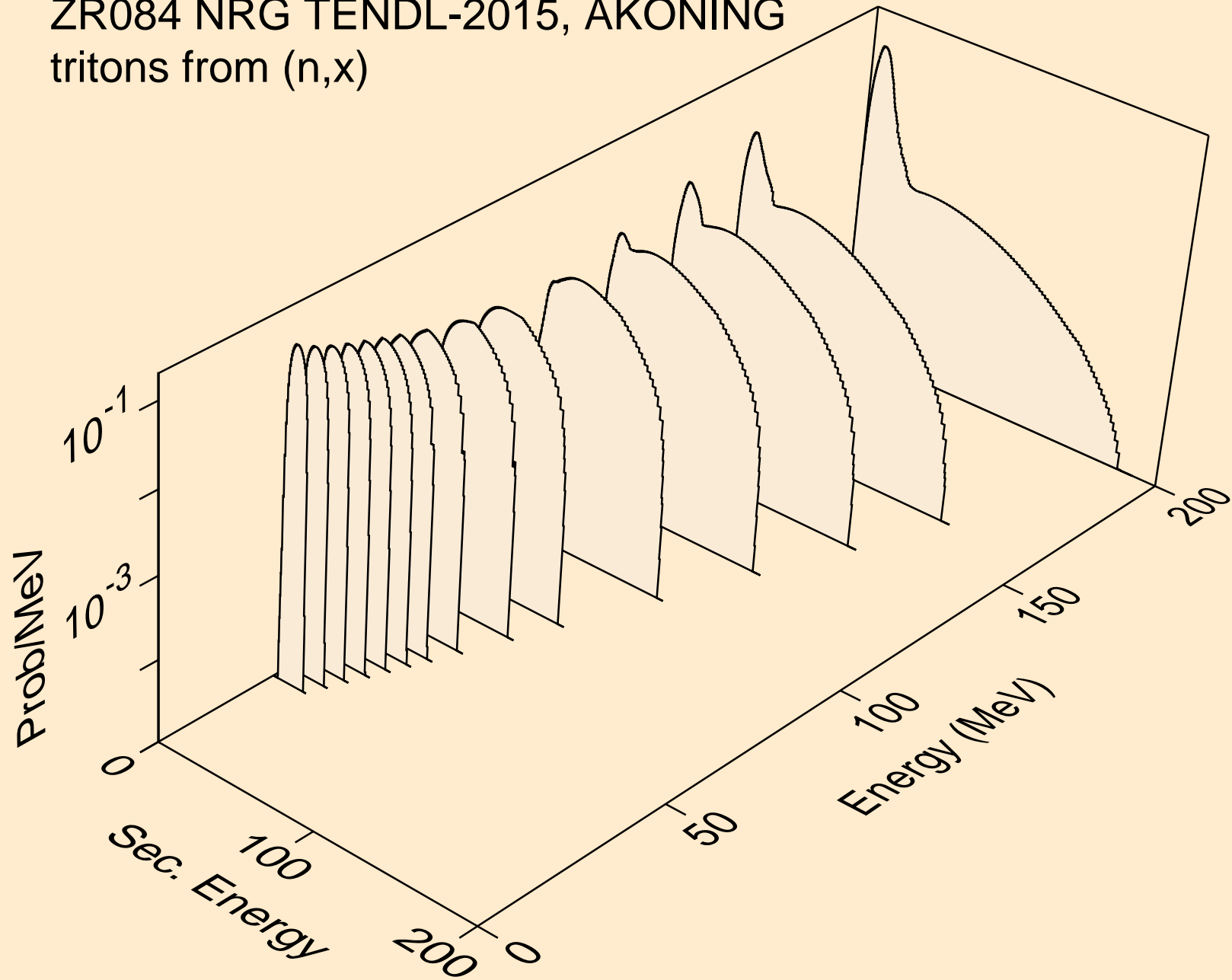
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deuterons from (n,pd)



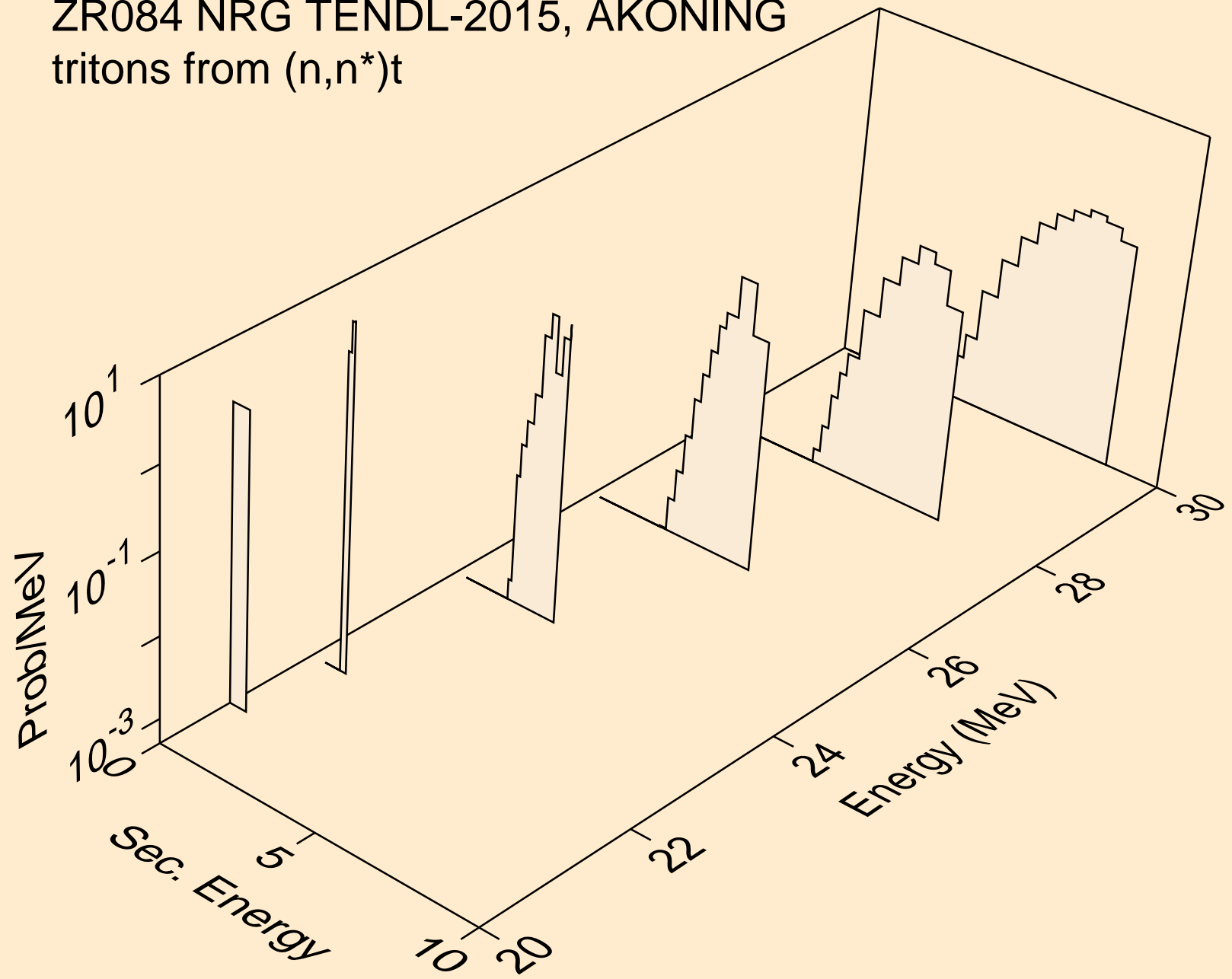
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deuterons from (n,da)



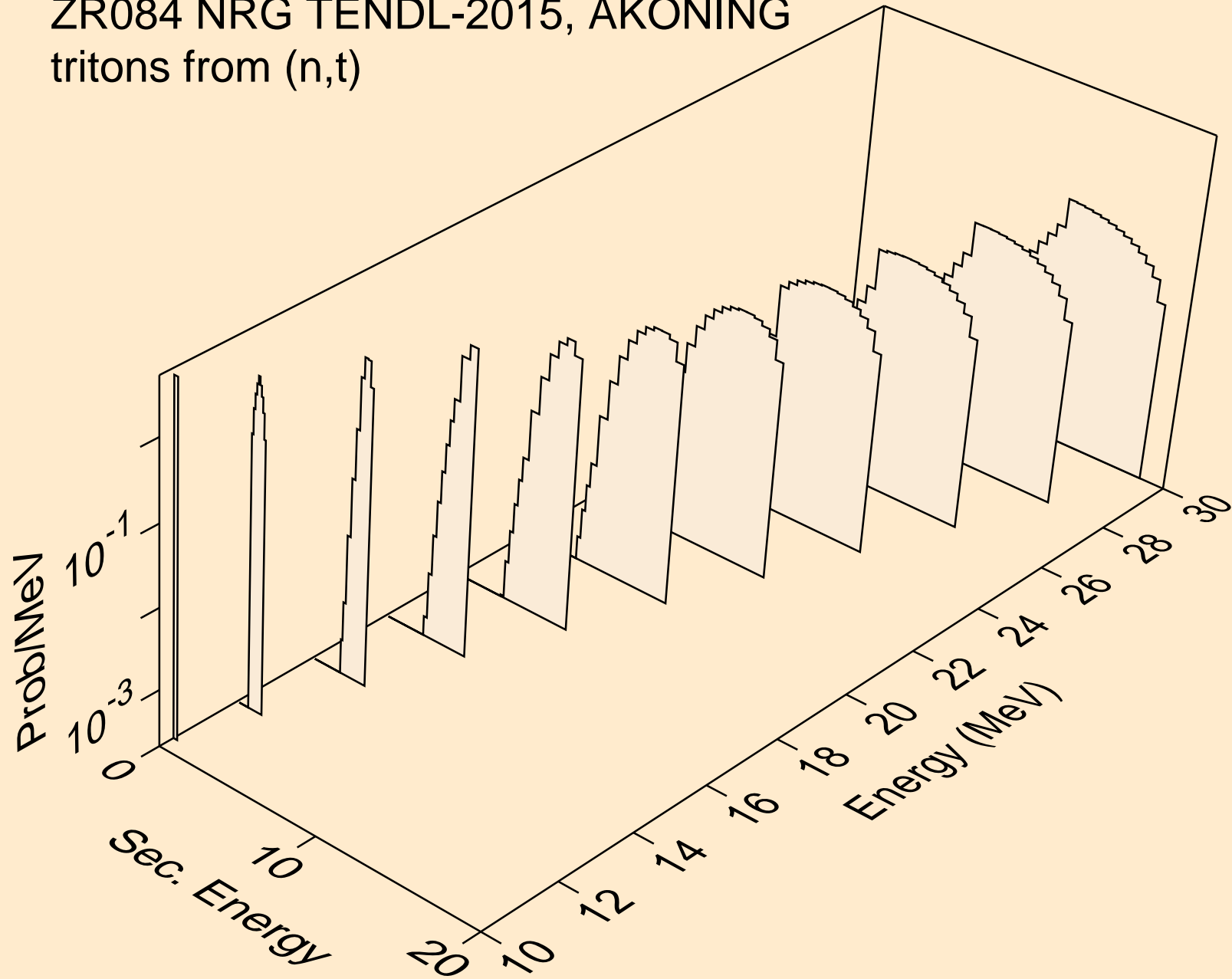
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tritons from (n,x)



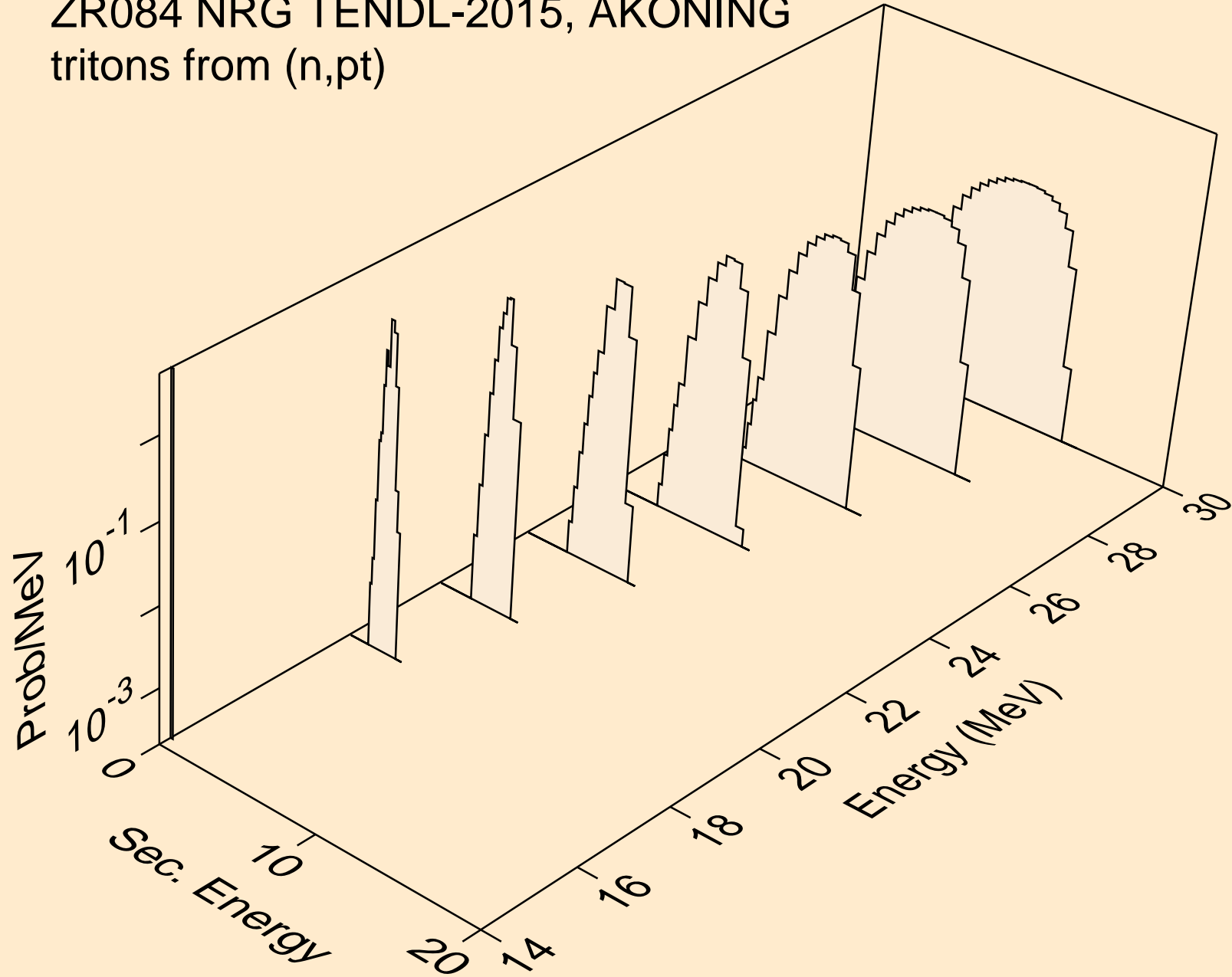
ZR084 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



ZR084 NRG TENDL-2015, AKONING  
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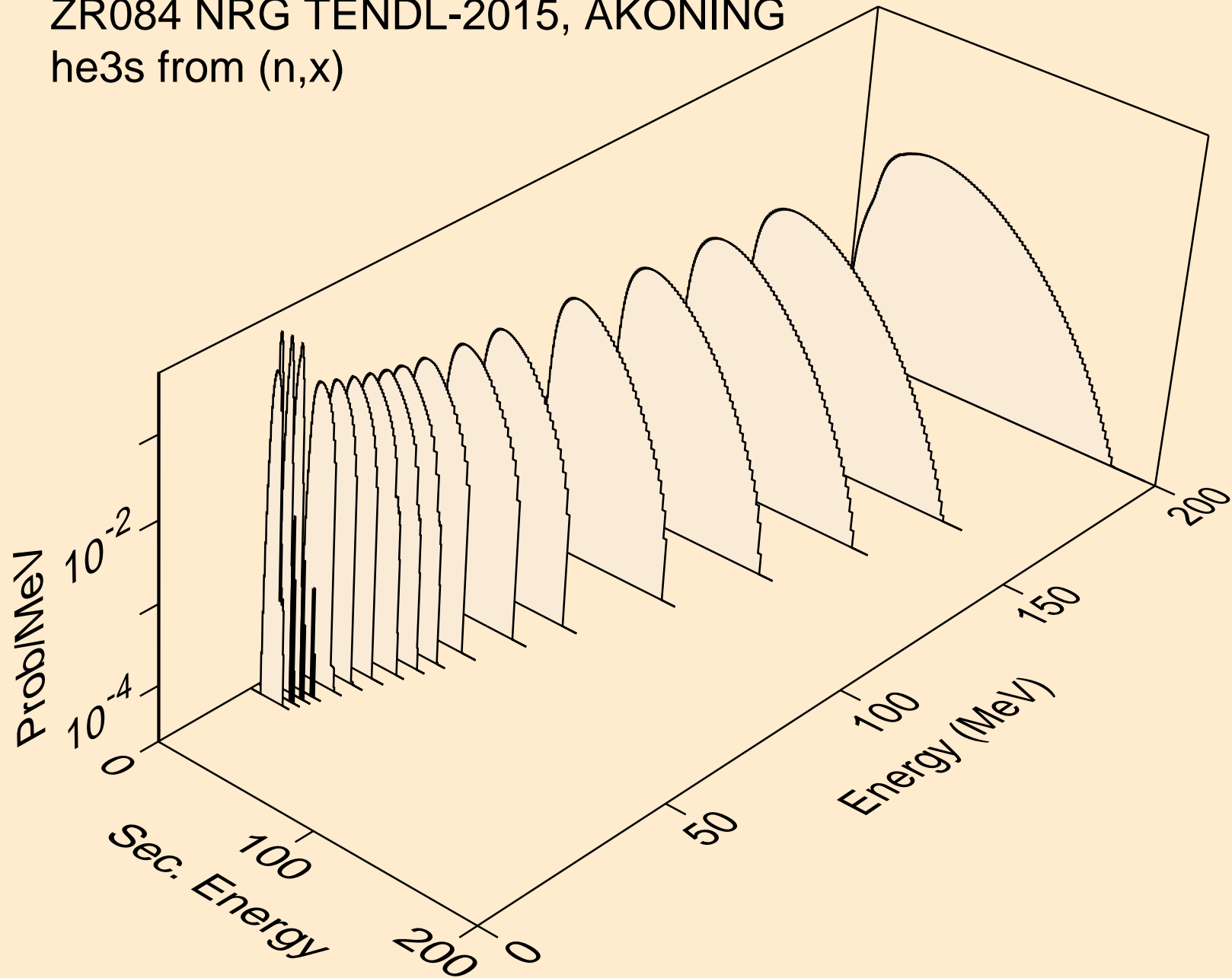


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tritons from (n,pt)

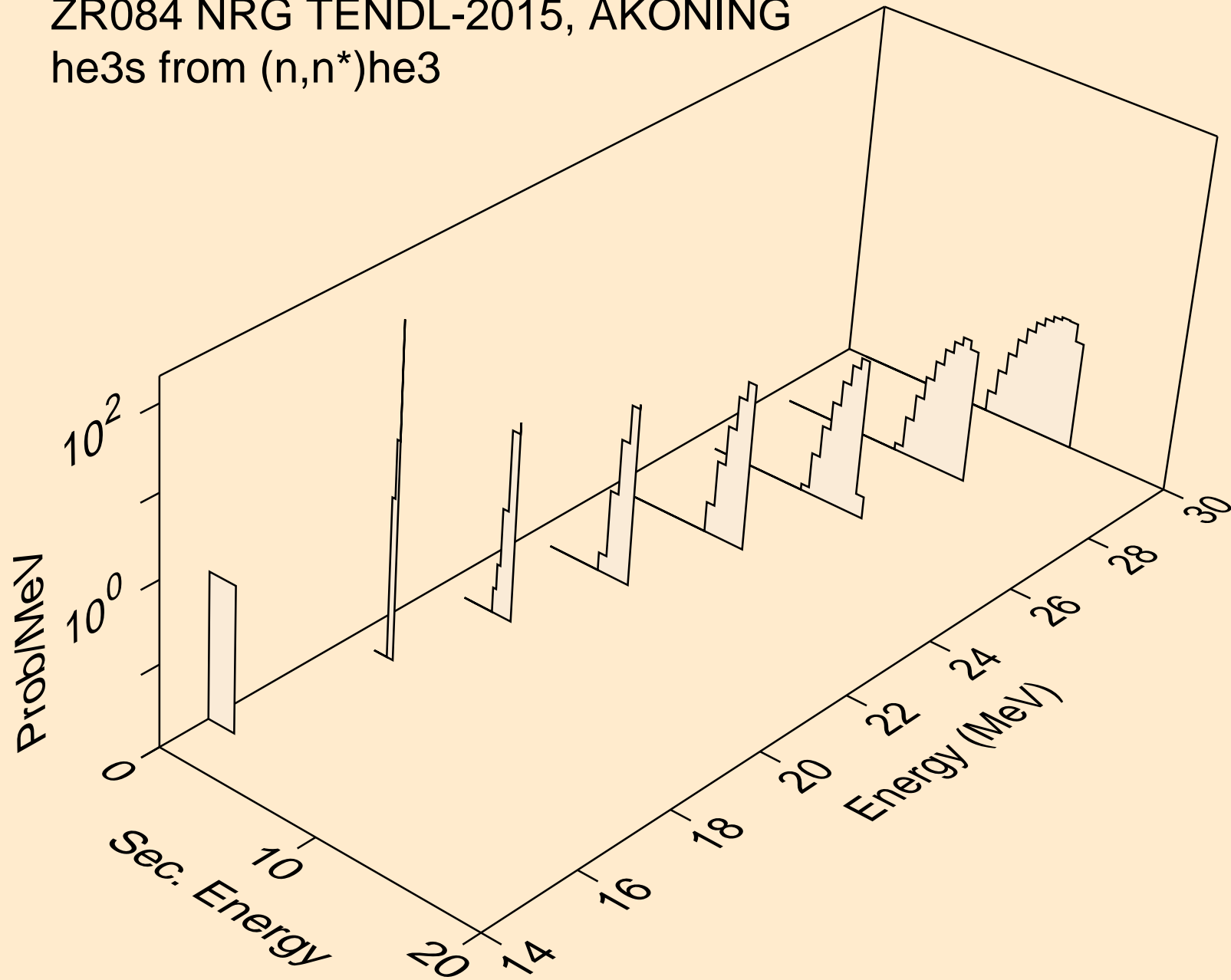




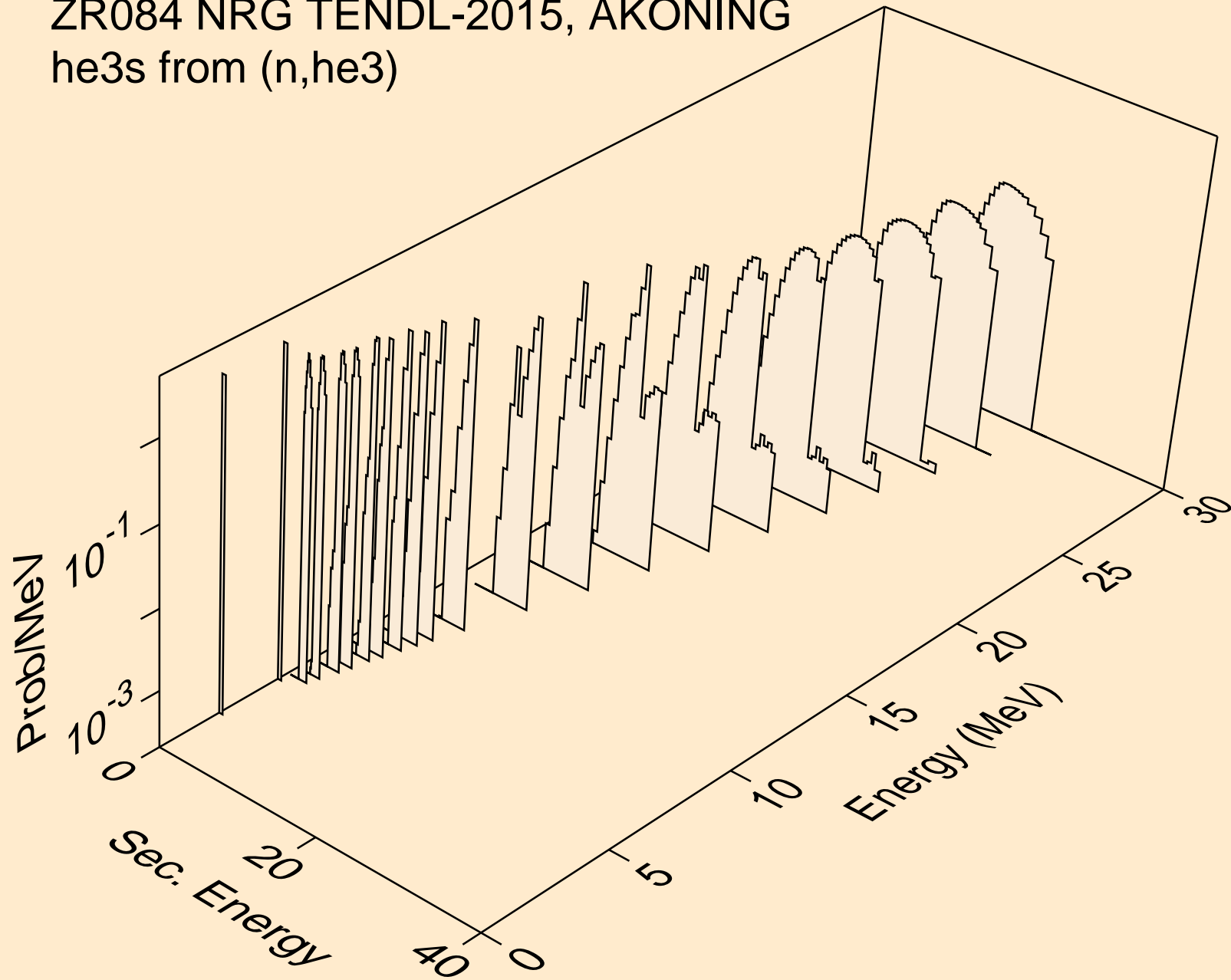
ZR084 NRG TENDL-2015, AKONING  
he3s from (n,x)



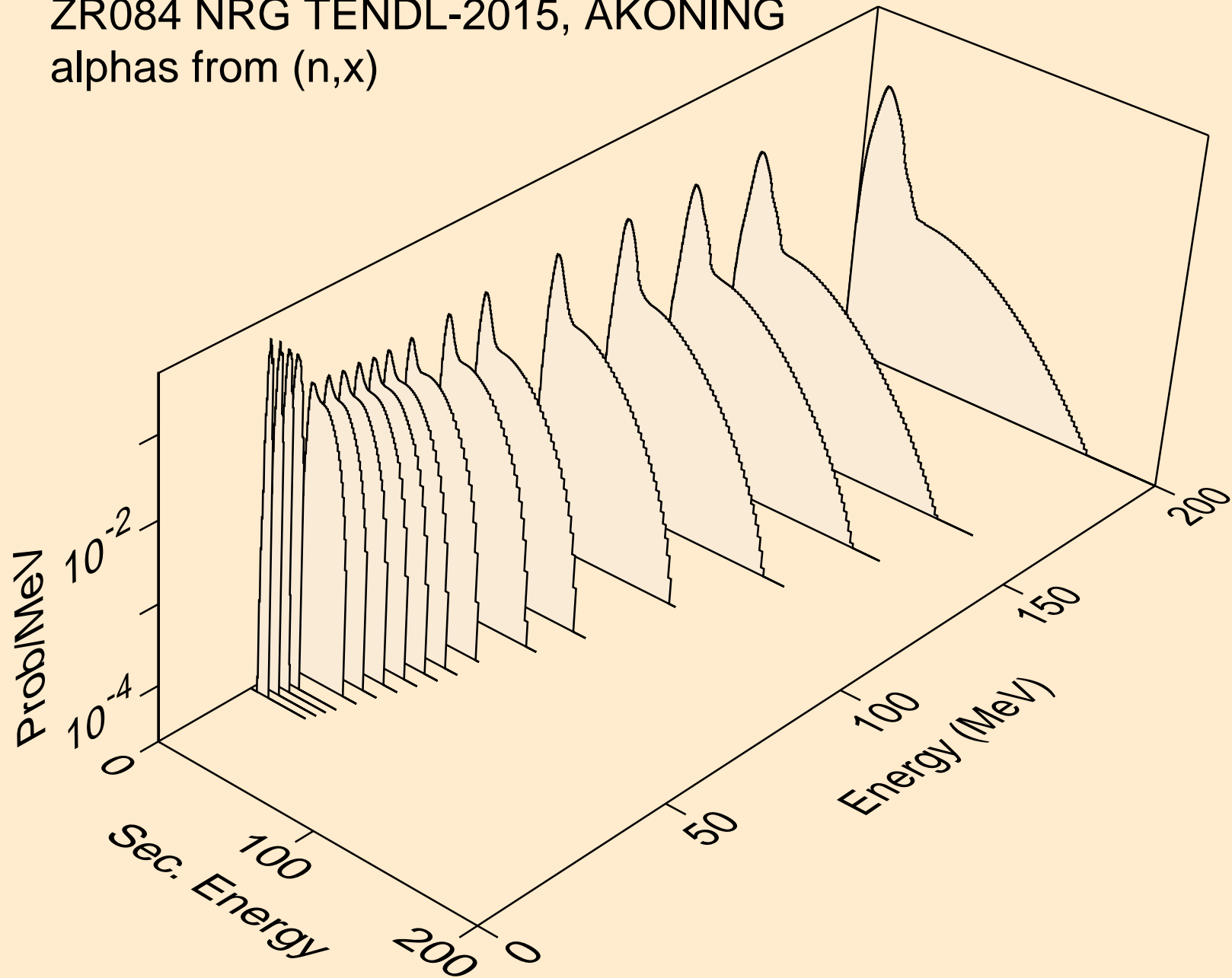
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he3s from (n,n\*)he3



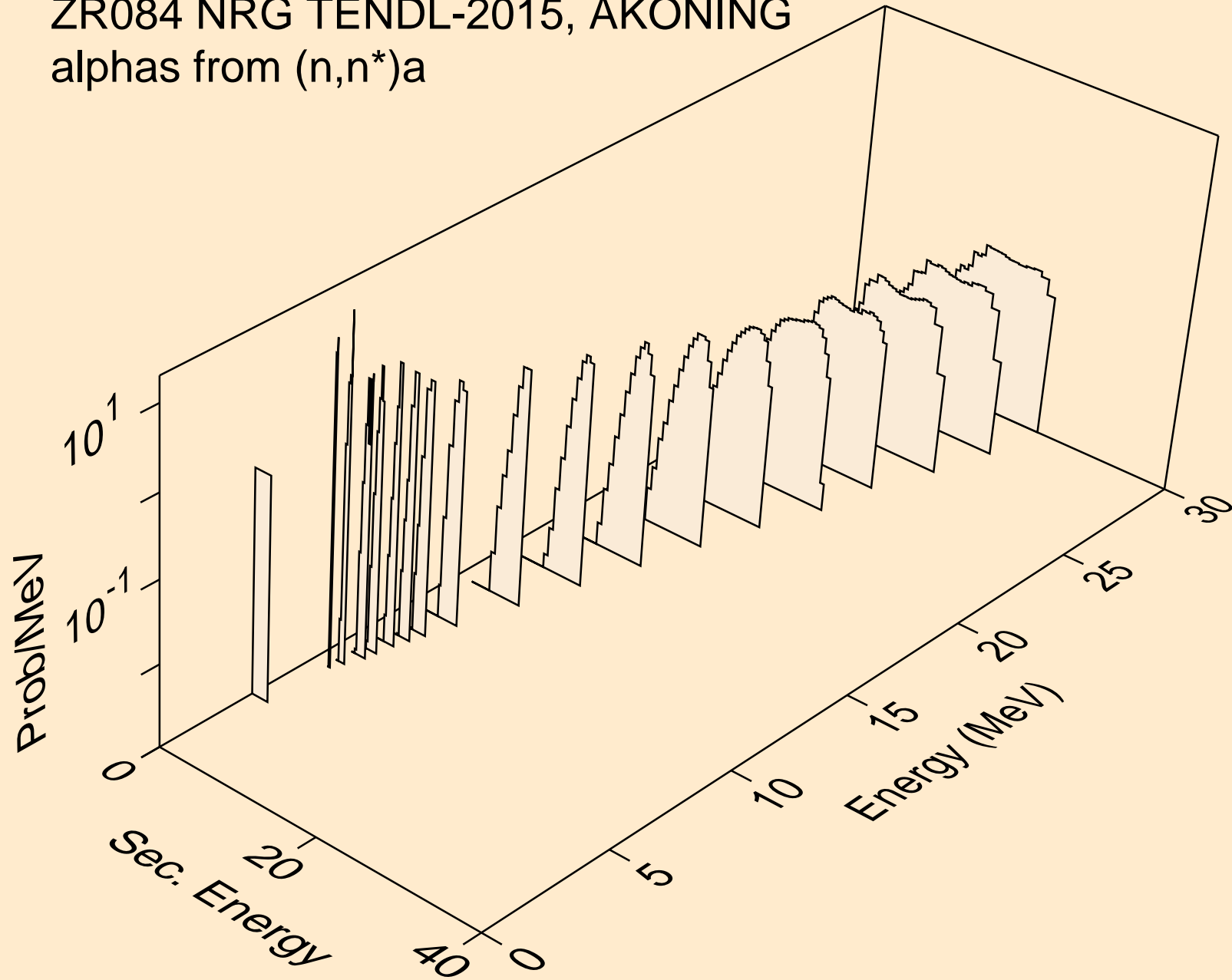
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he3s from (n,he3)



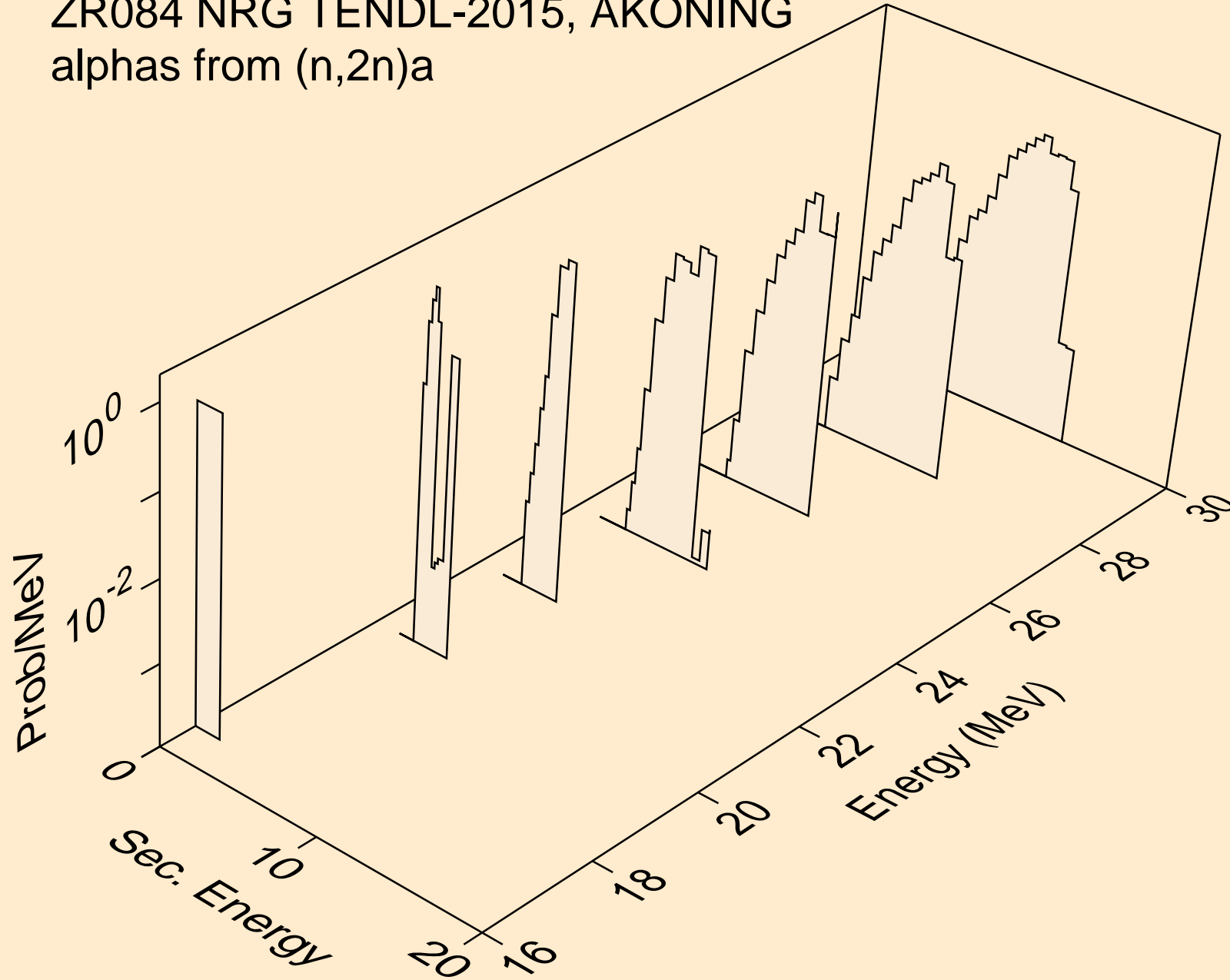
ZR084 NRG TENDL-2015, AKONING  
alphas from (n,x)



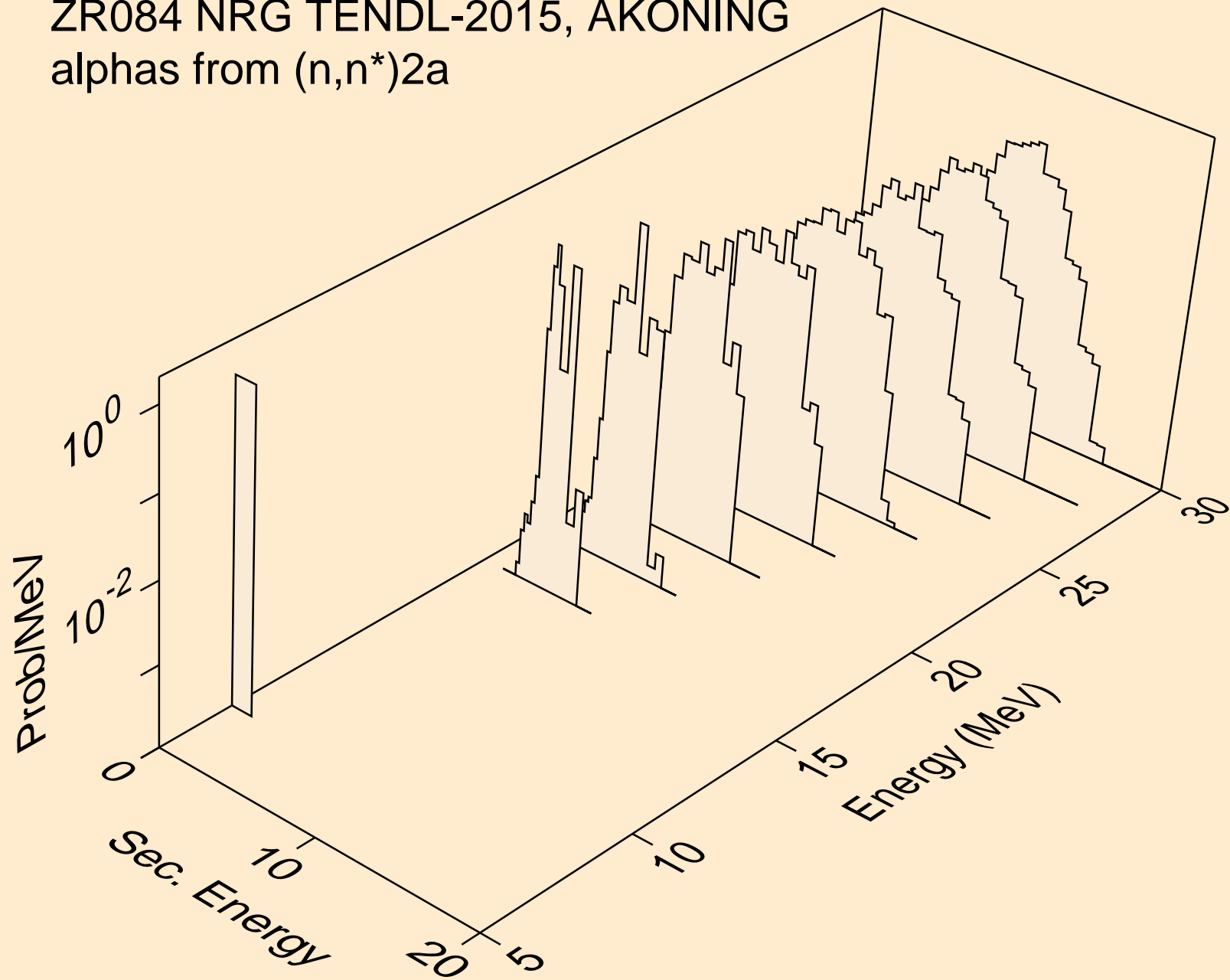
ZR084 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



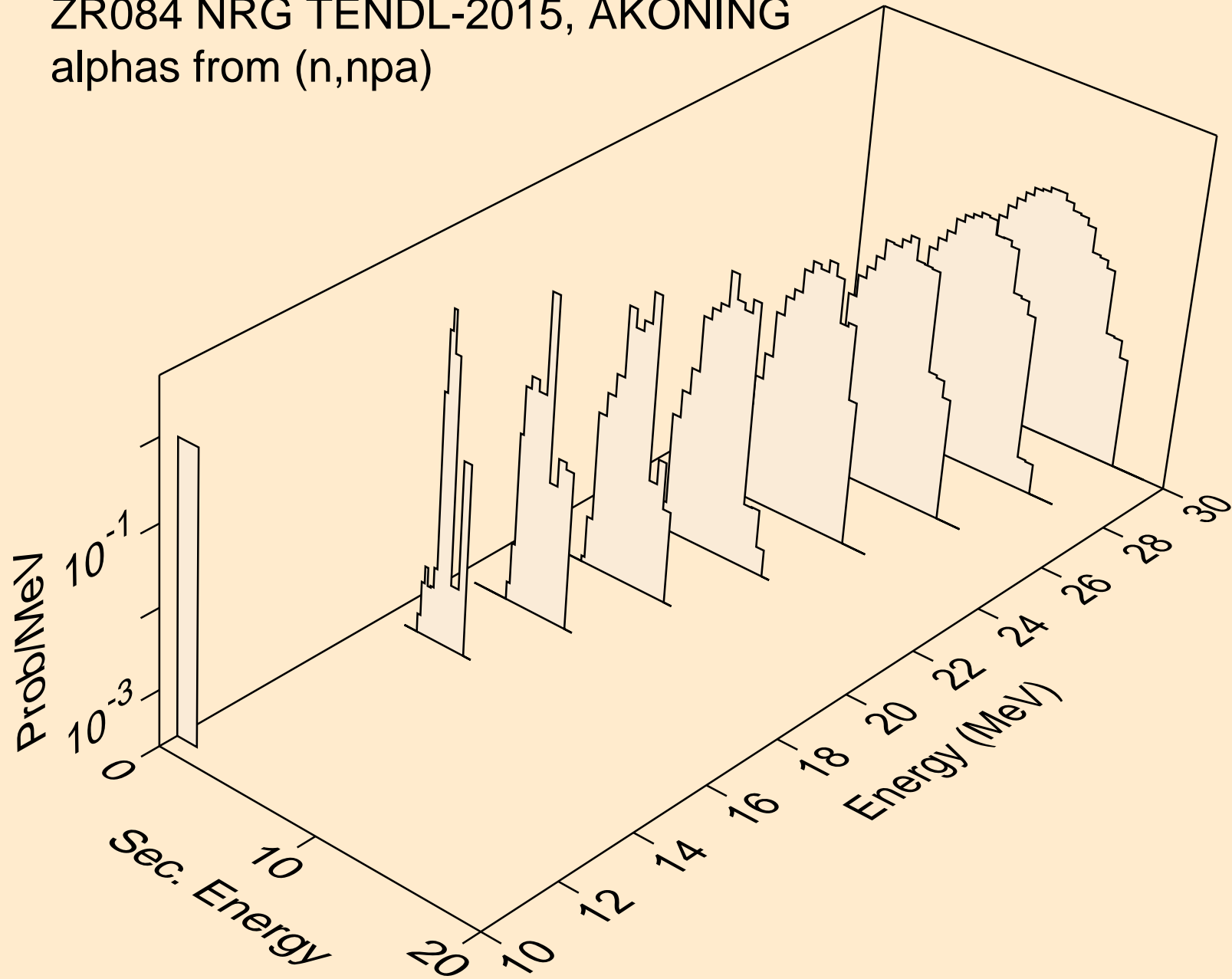
ZR084 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ZR084 NRG TENDL-2015, AKONING  
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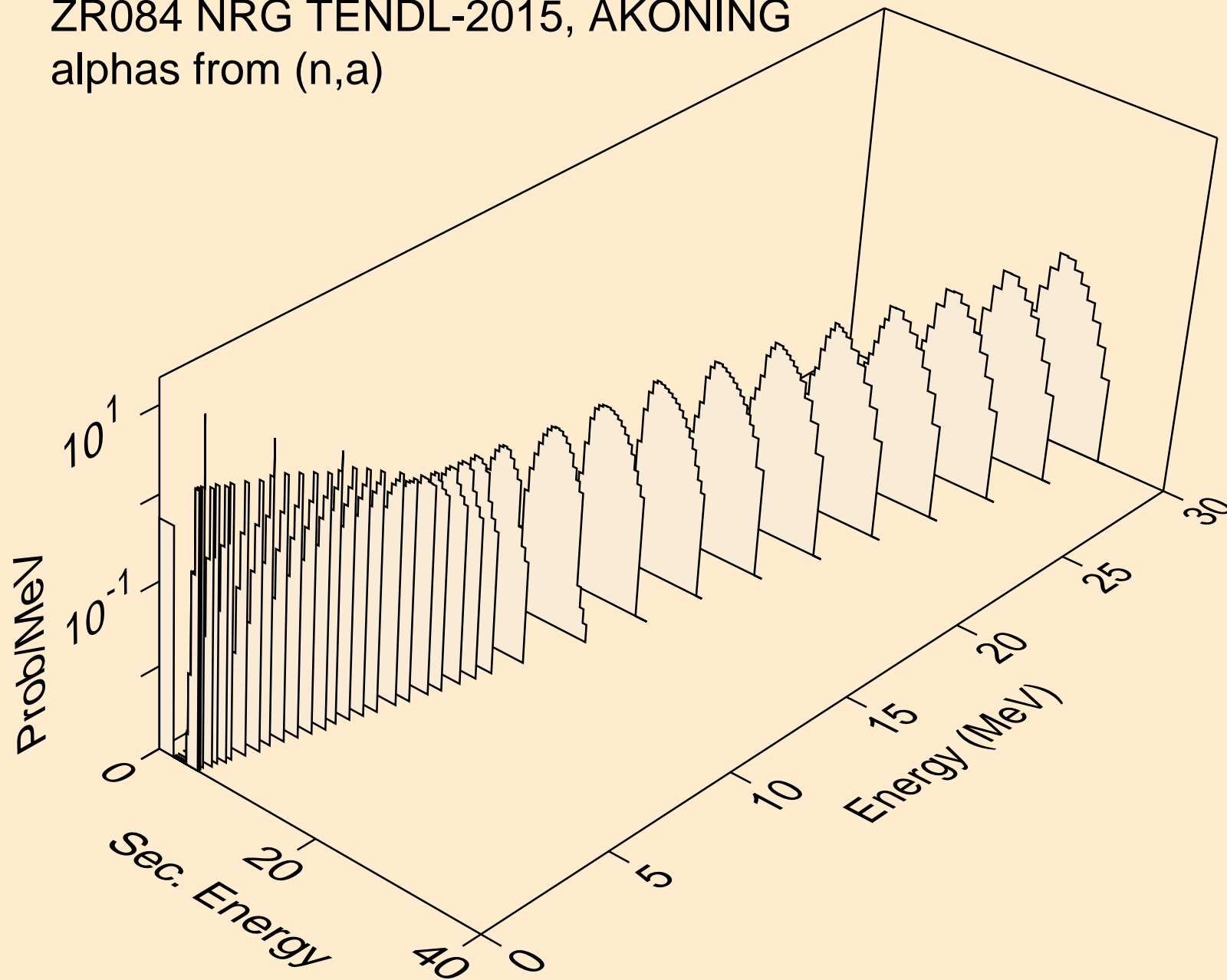


ZR084 NRG TENDL-2015, AKONING  
alphas from (n,npa)

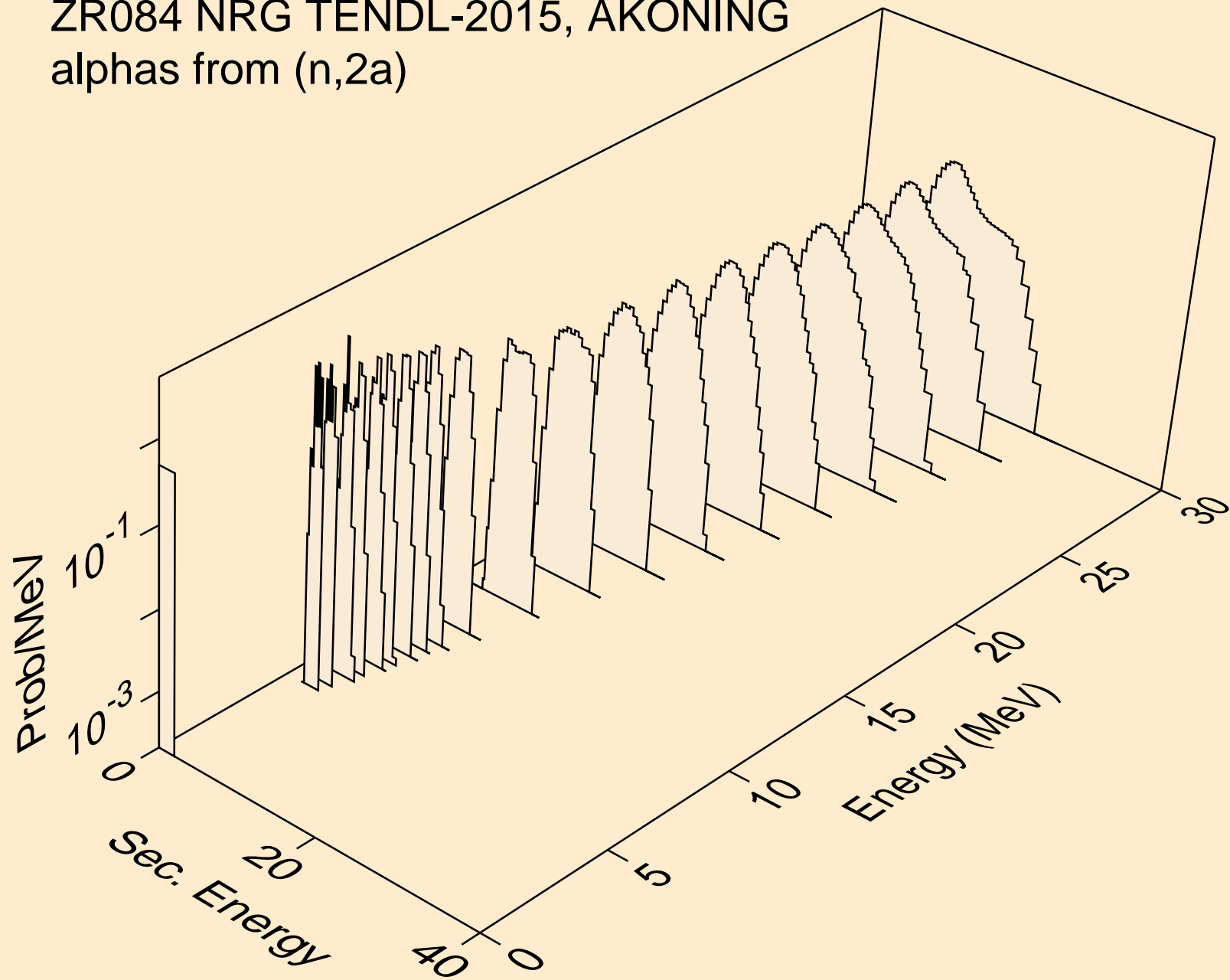




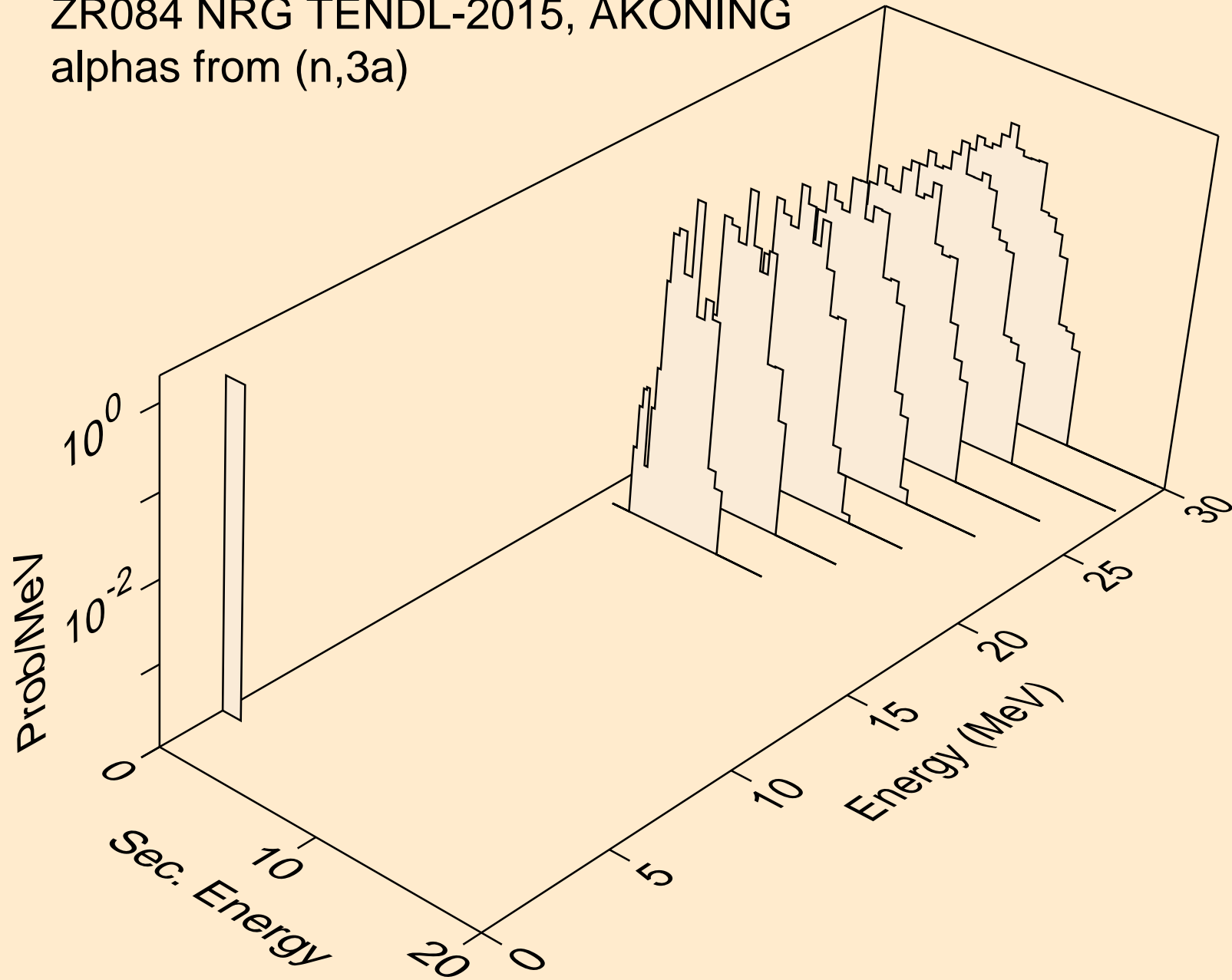
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alphas from (n,a)



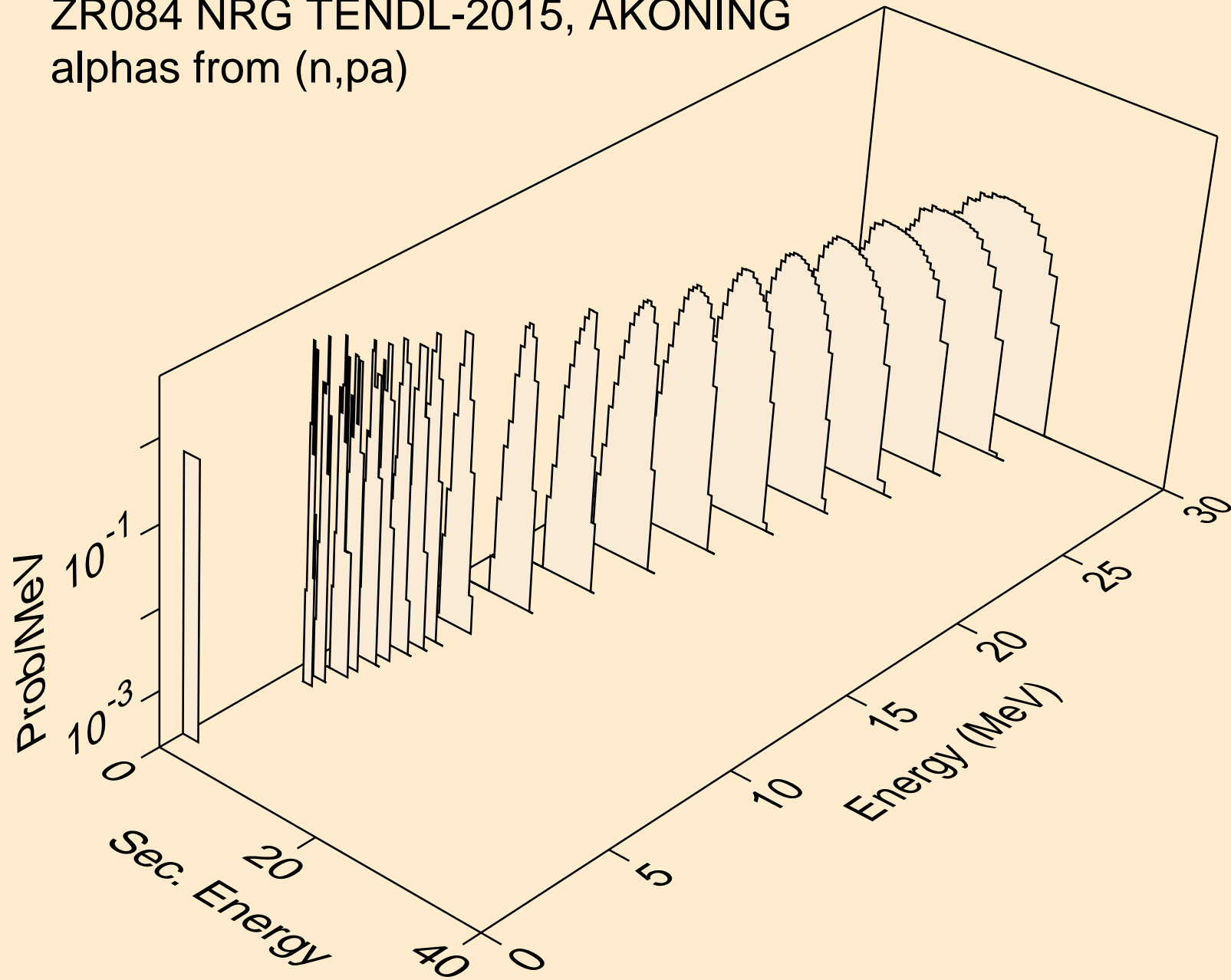
ZR084 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ZR084 NRG TENDL-2015, AKONING  
alphas from (n,3a)



ZR084 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ZR084 NRG TENDL-2015, AKONING  
alphas from (n,da)

