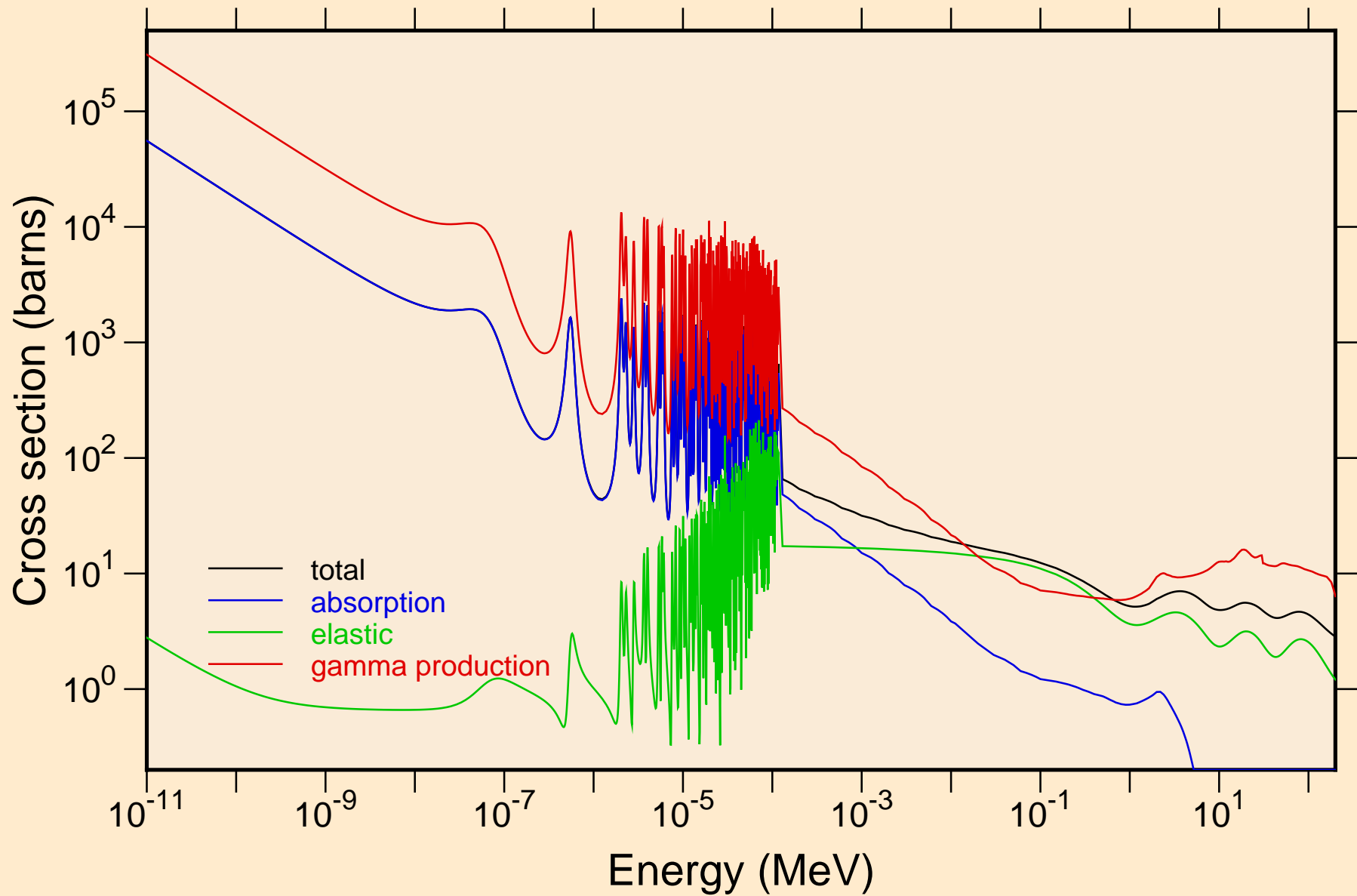
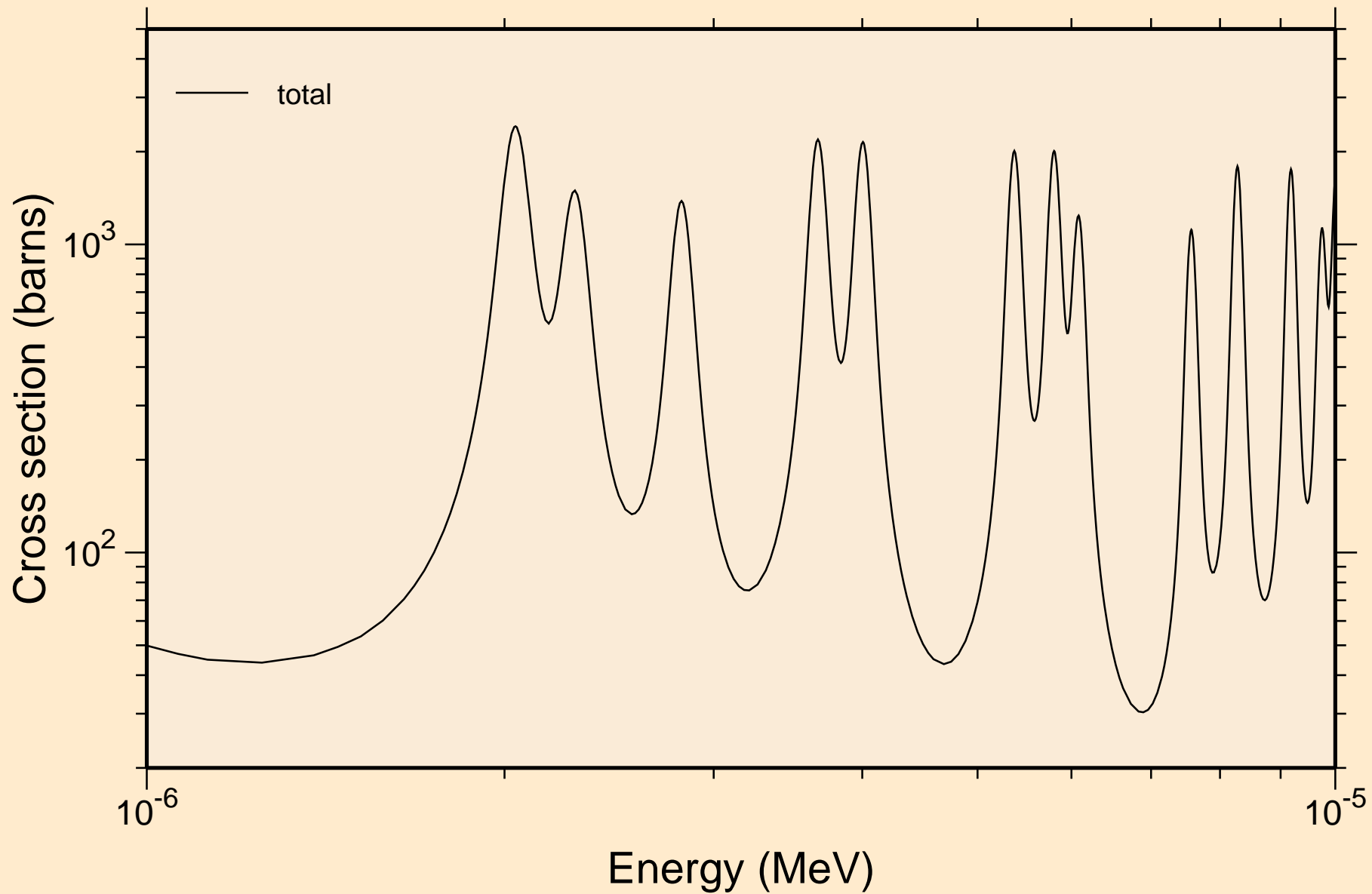


# AU191 NRG TENDL-2015, AKONING

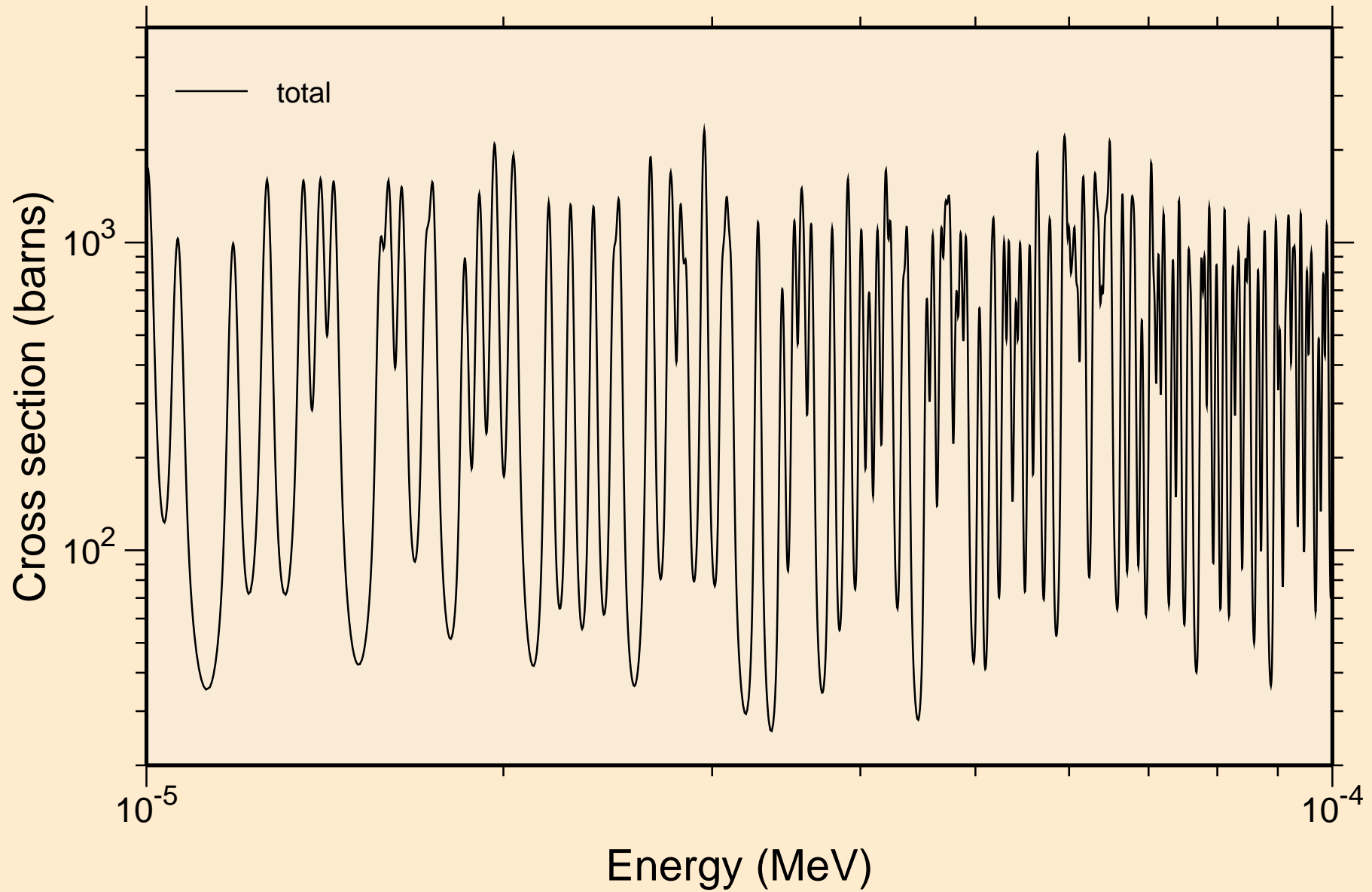
## Principal cross sections



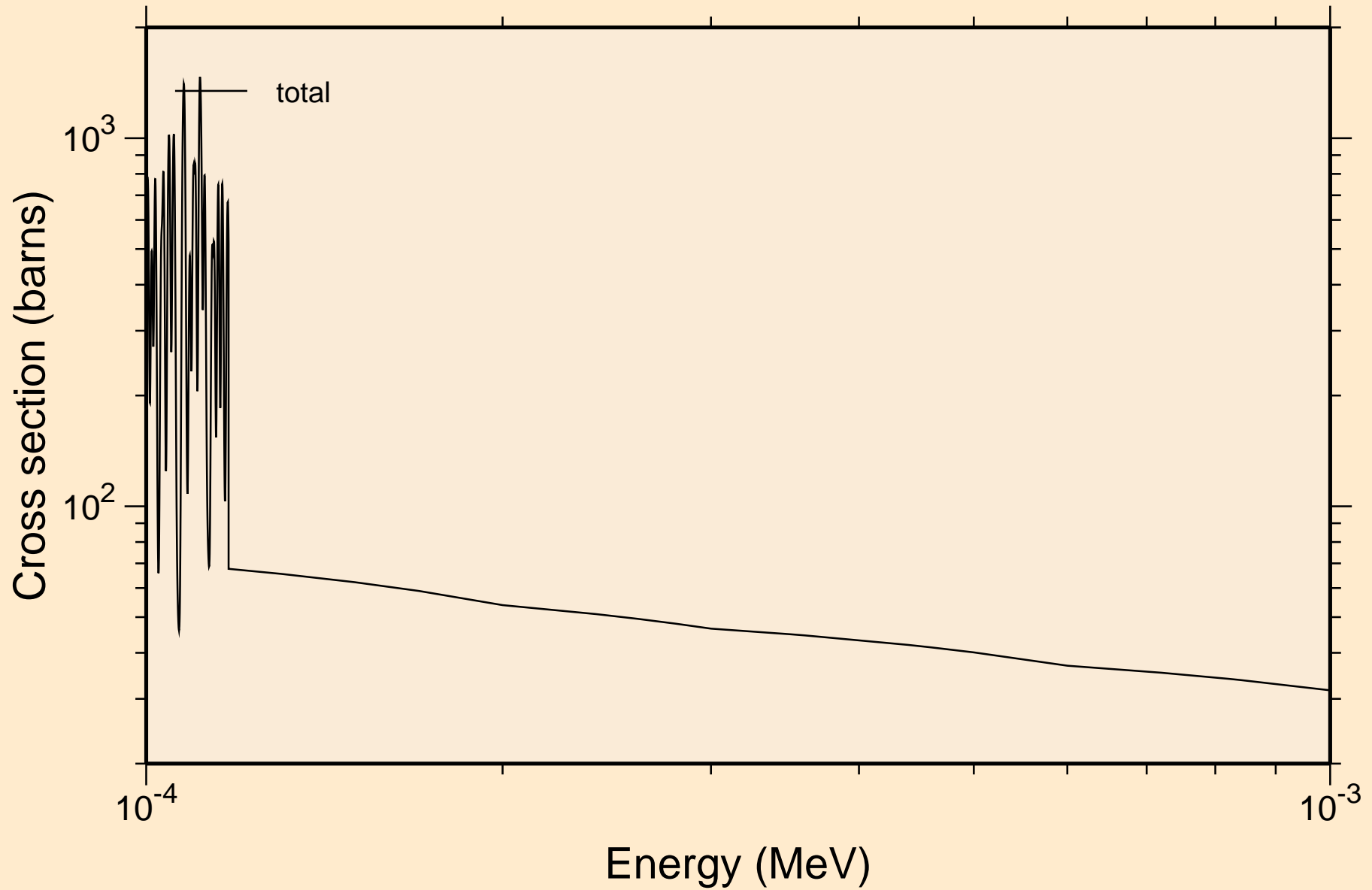
AU191 NRG TENDL-2015, AKONING  
resonance total cross section



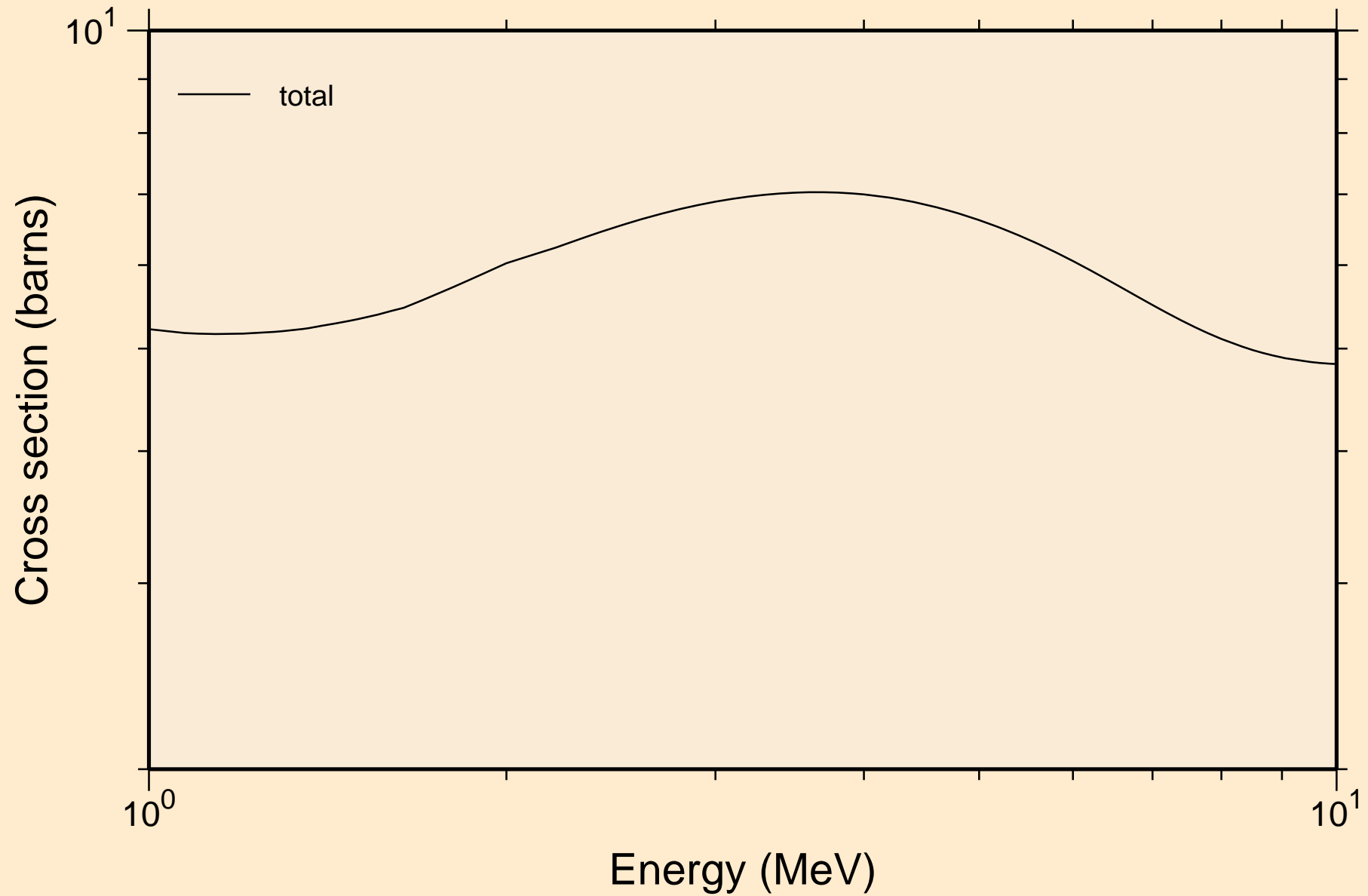
AU191 NRG TENDL-2015, AKONING  
resonance total cross section



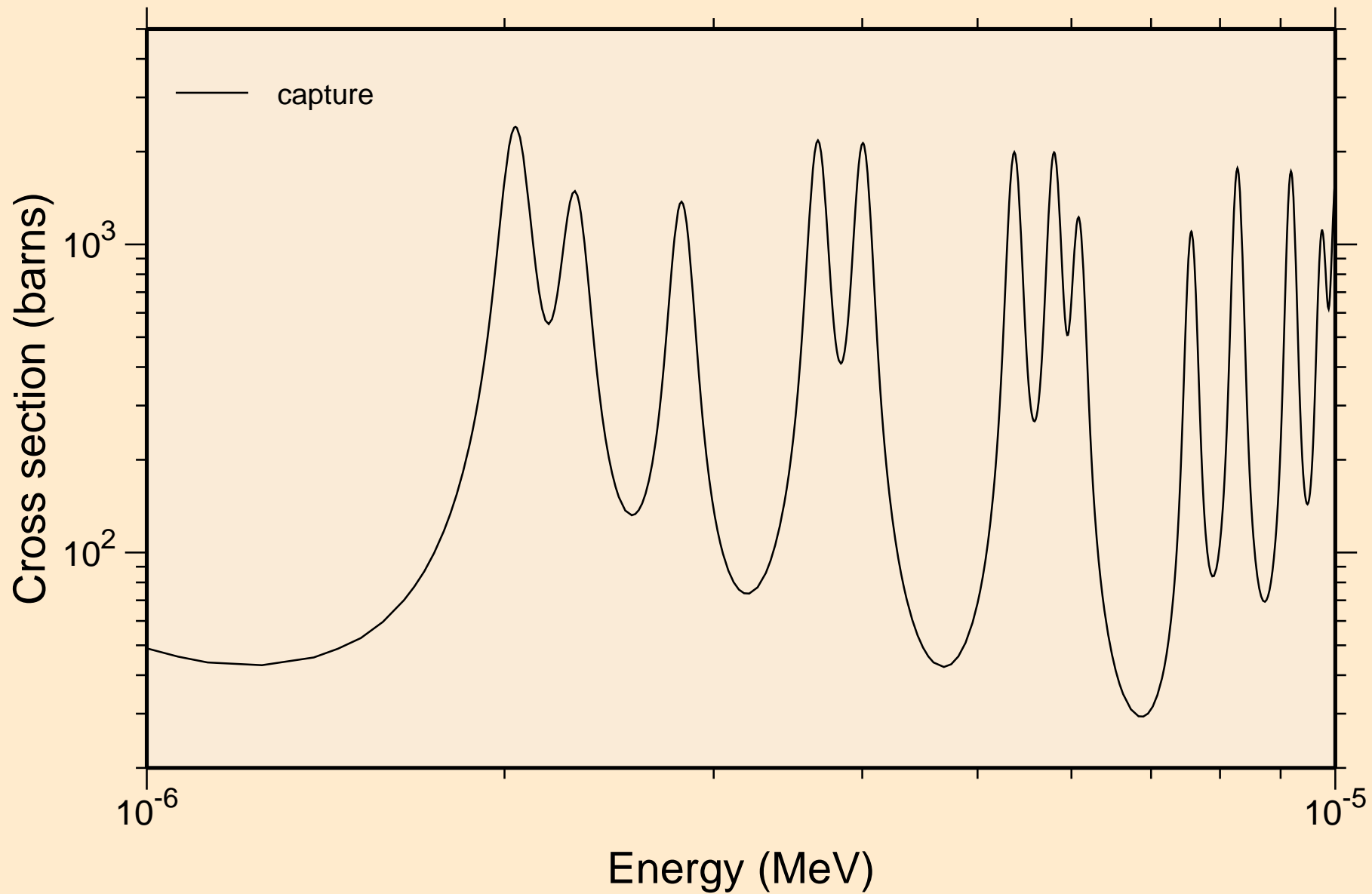
AU191 NRG TENDL-2015, AKONING  
resonance total cross section



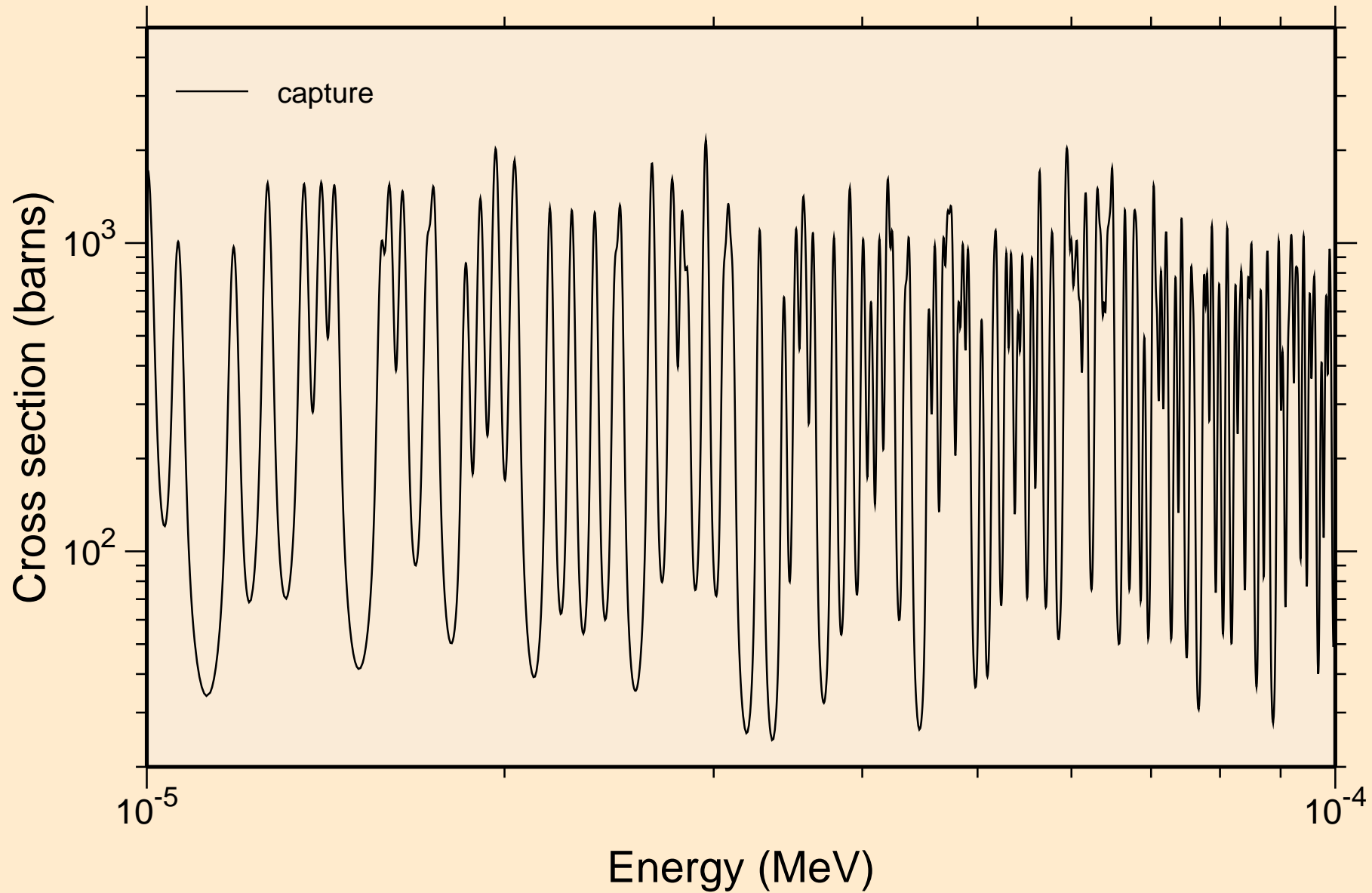
AU191 NRG TENDL-2015, AKONING  
resonance total cross section



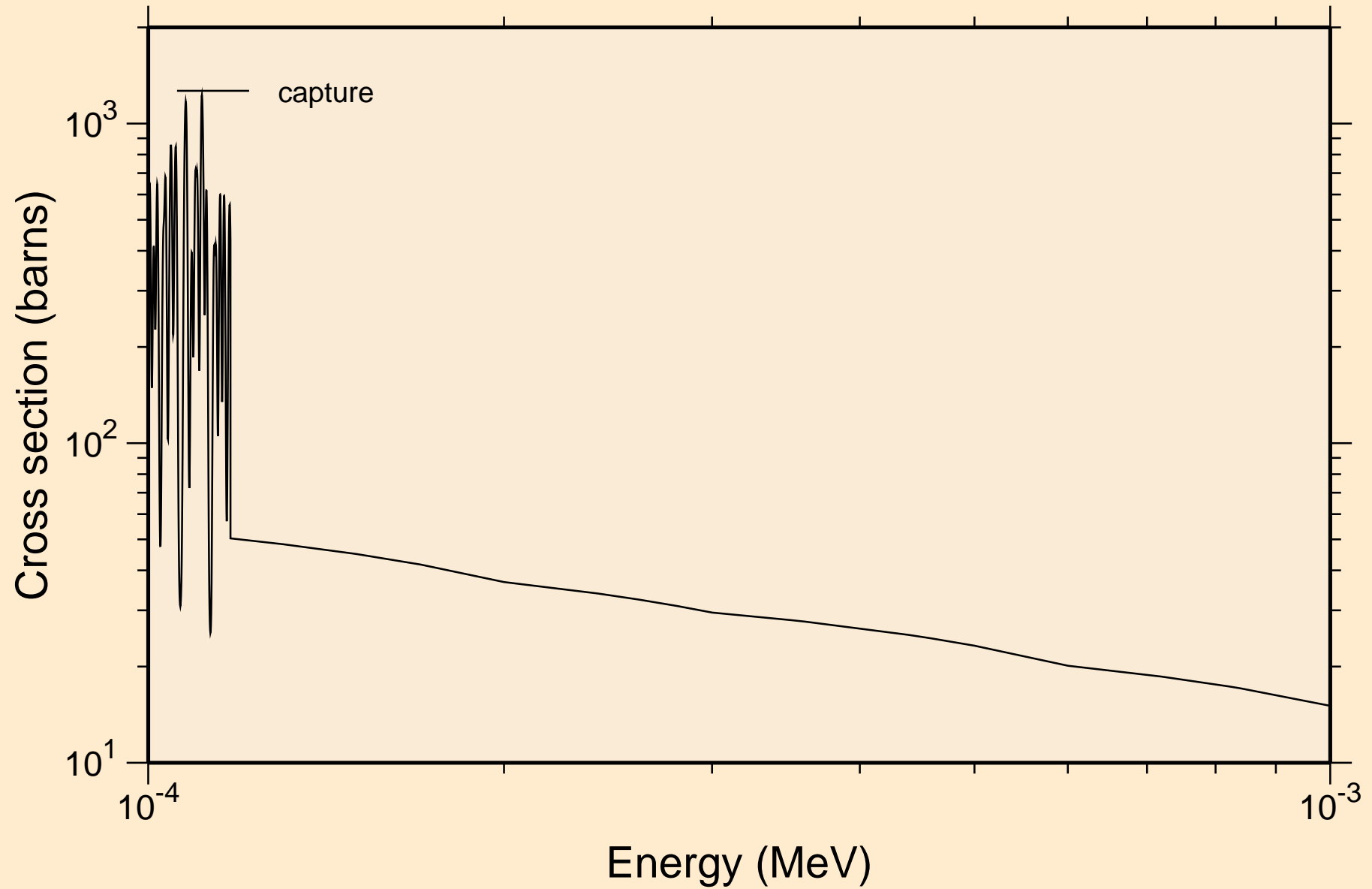
AU191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



AU191 NRG TENDL-2015, AKONING  
resonance absorption cross sections

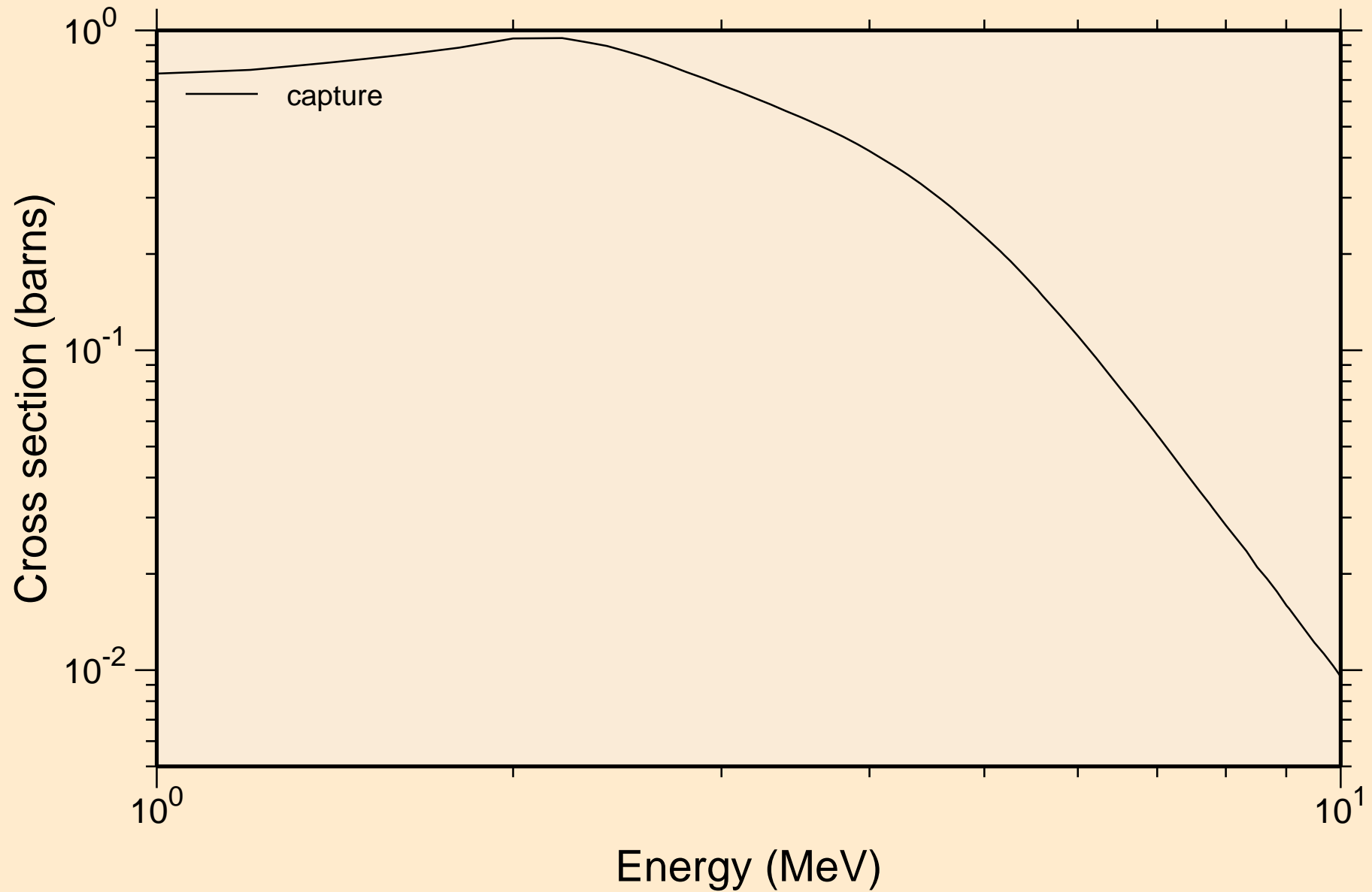


AU191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



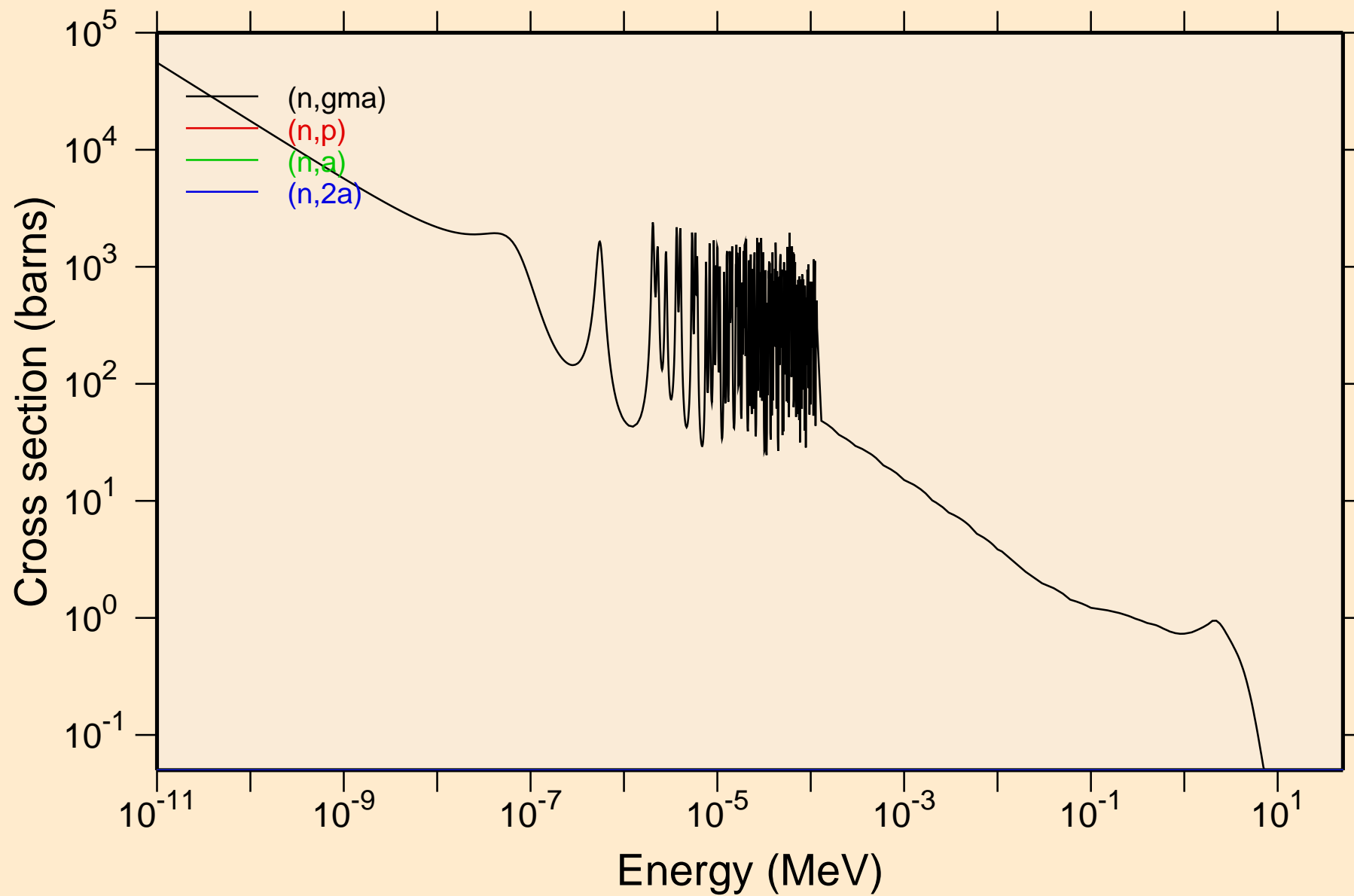


AU191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



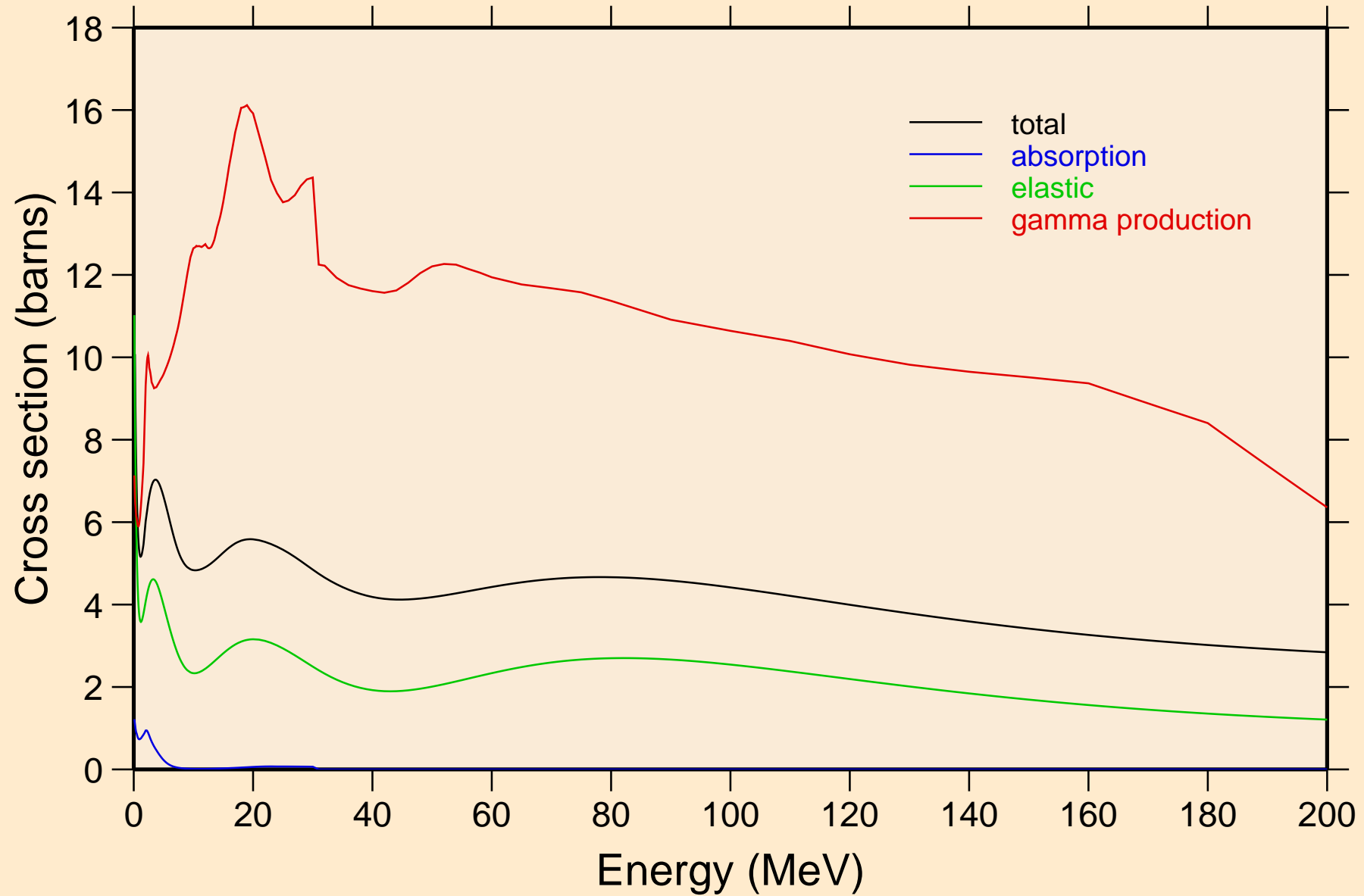
# AU191 NRG TENDL-2015, AKONING

## Non-threshold reactions



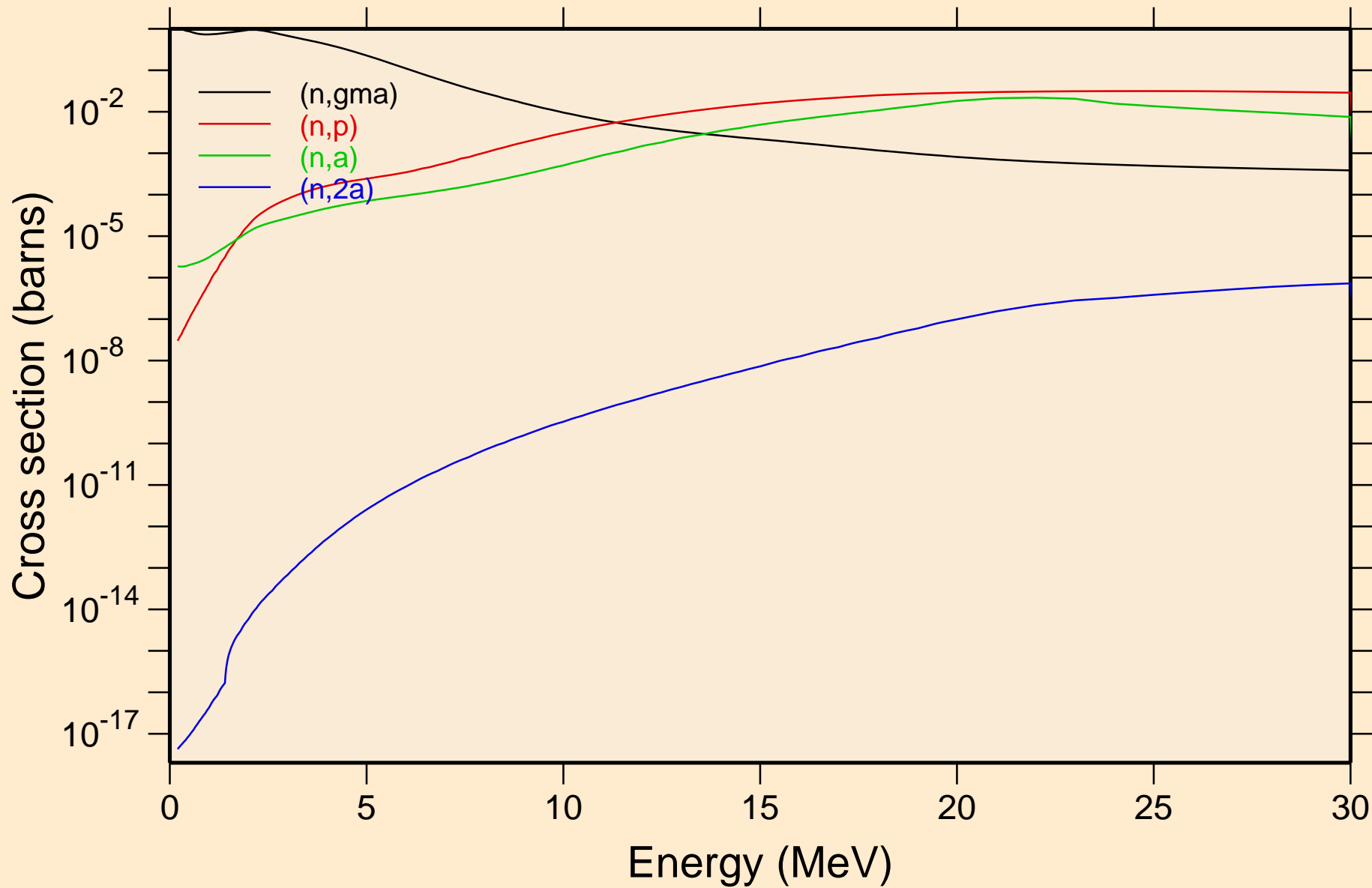
# AU191 NRG TENDL-2015, AKONING

## Principal cross sections



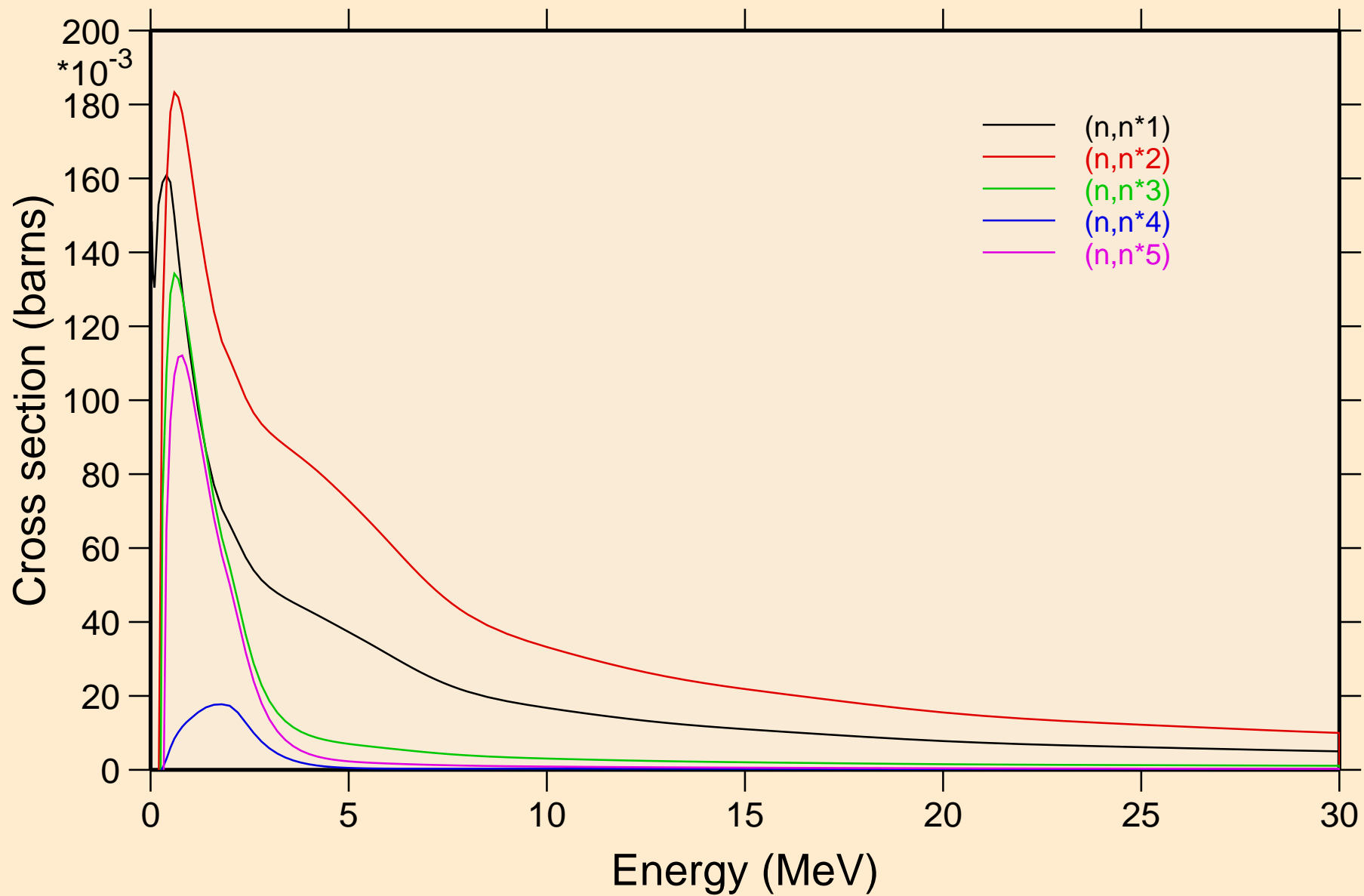
# AU191 NRG TENDL-2015, AKONING

## Non-threshold reactions



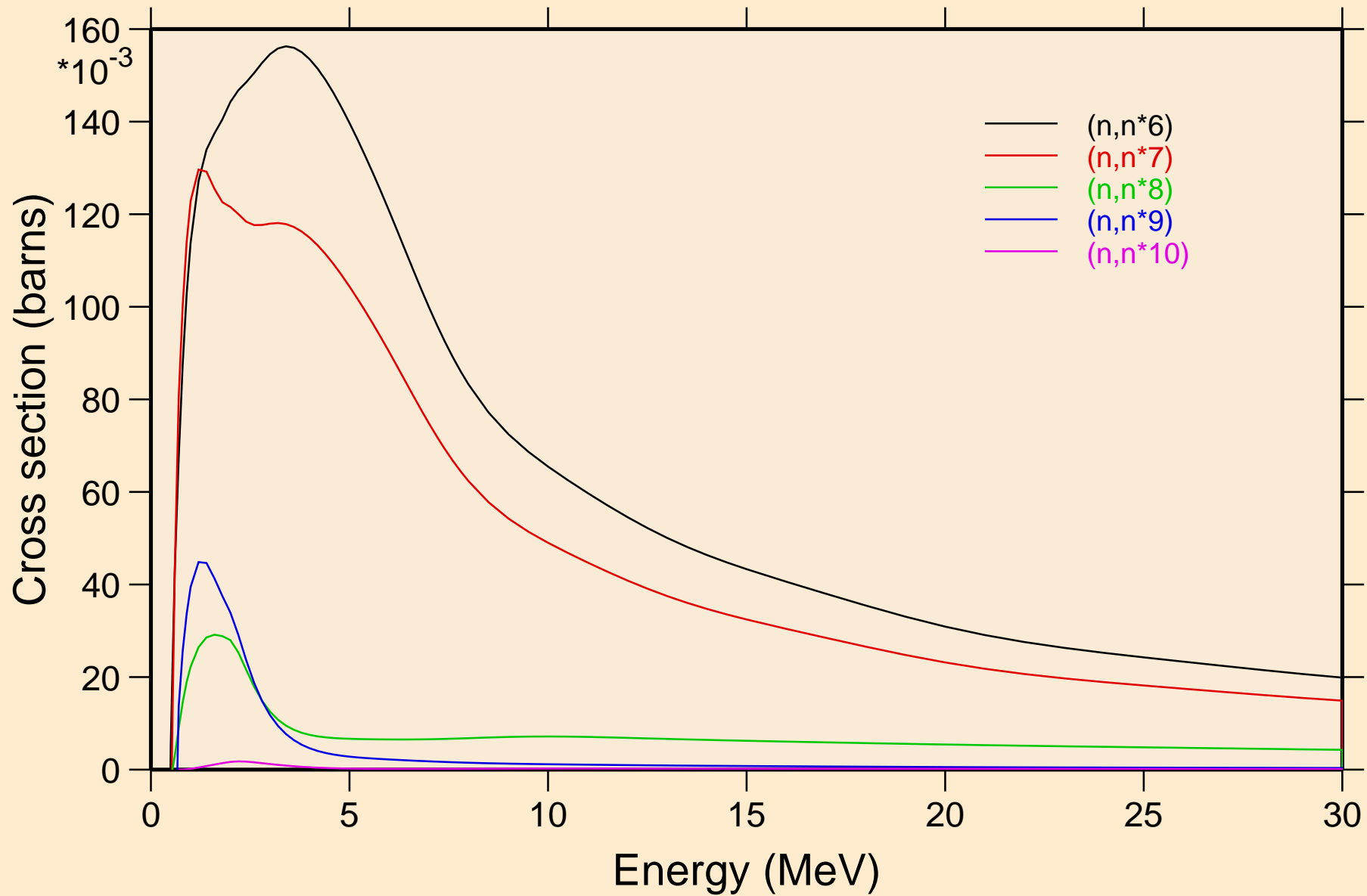
# AU191 NRG TENDL-2015, AKONING

## Inelastic levels



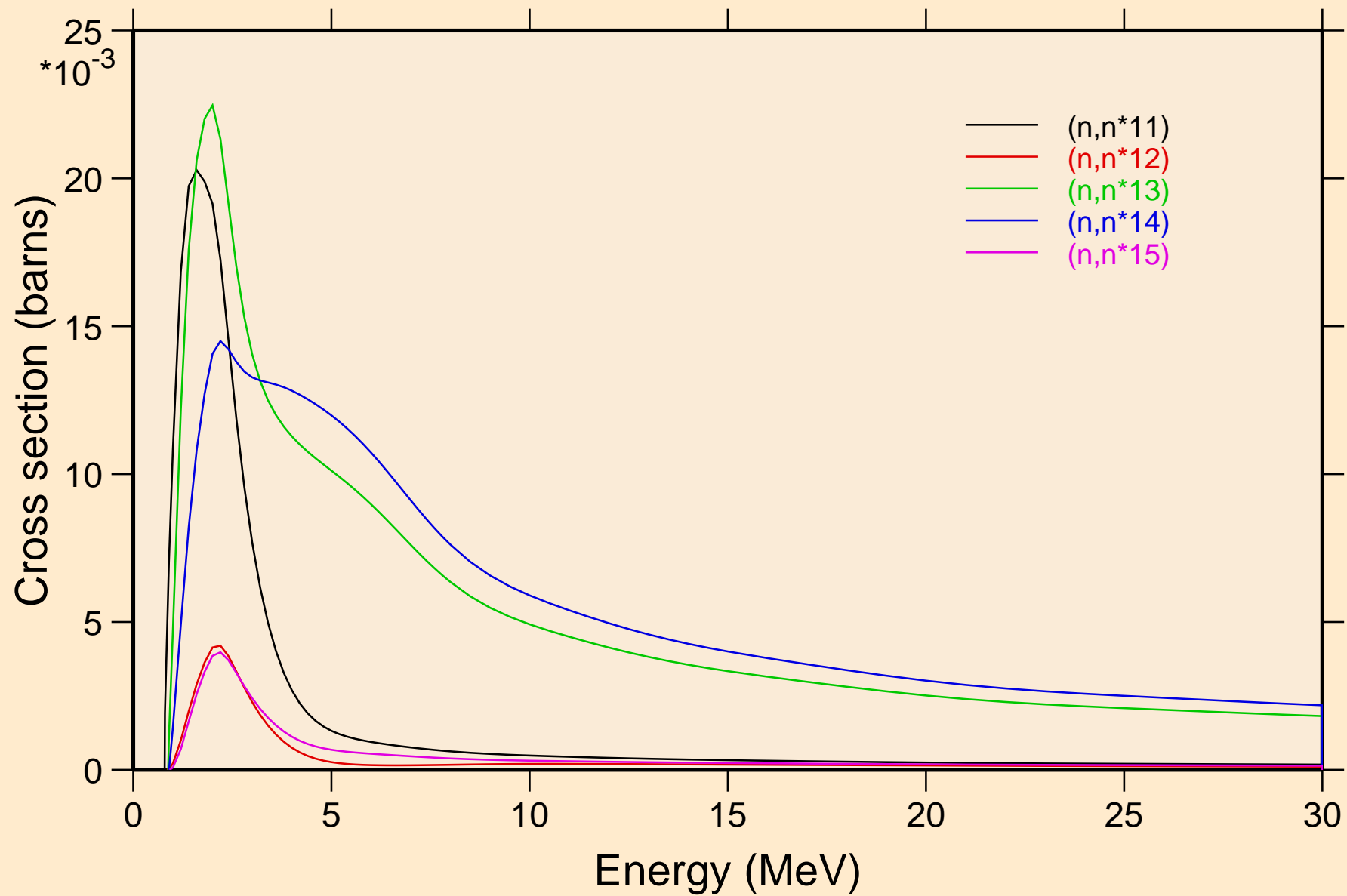
# AU191 NRG TENDL-2015, AKONING

## Inelastic levels



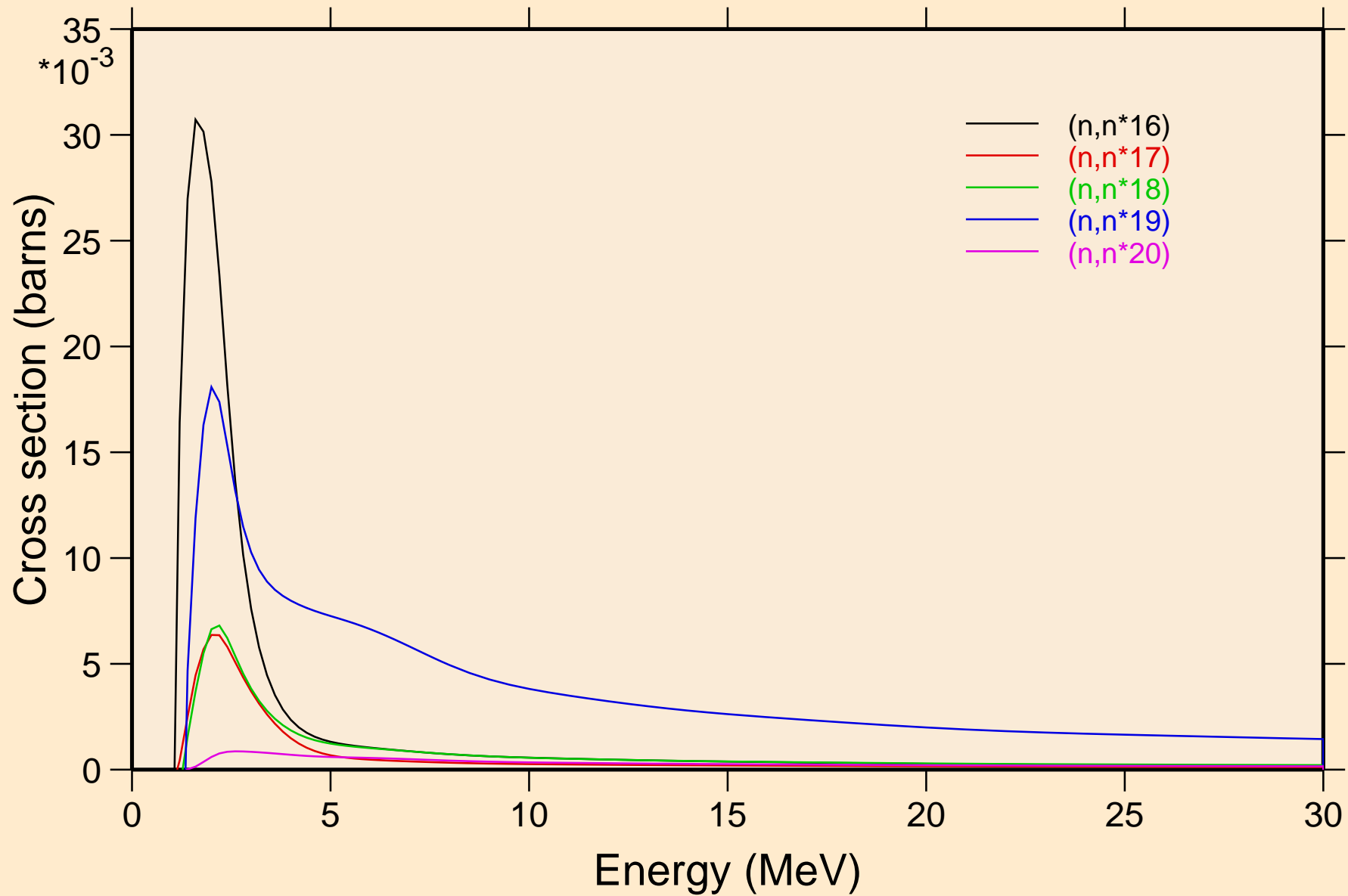
# AU191 NRG TENDL-2015, AKONING

## Inelastic levels



# AU191 NRG TENDL-2015, AKONING

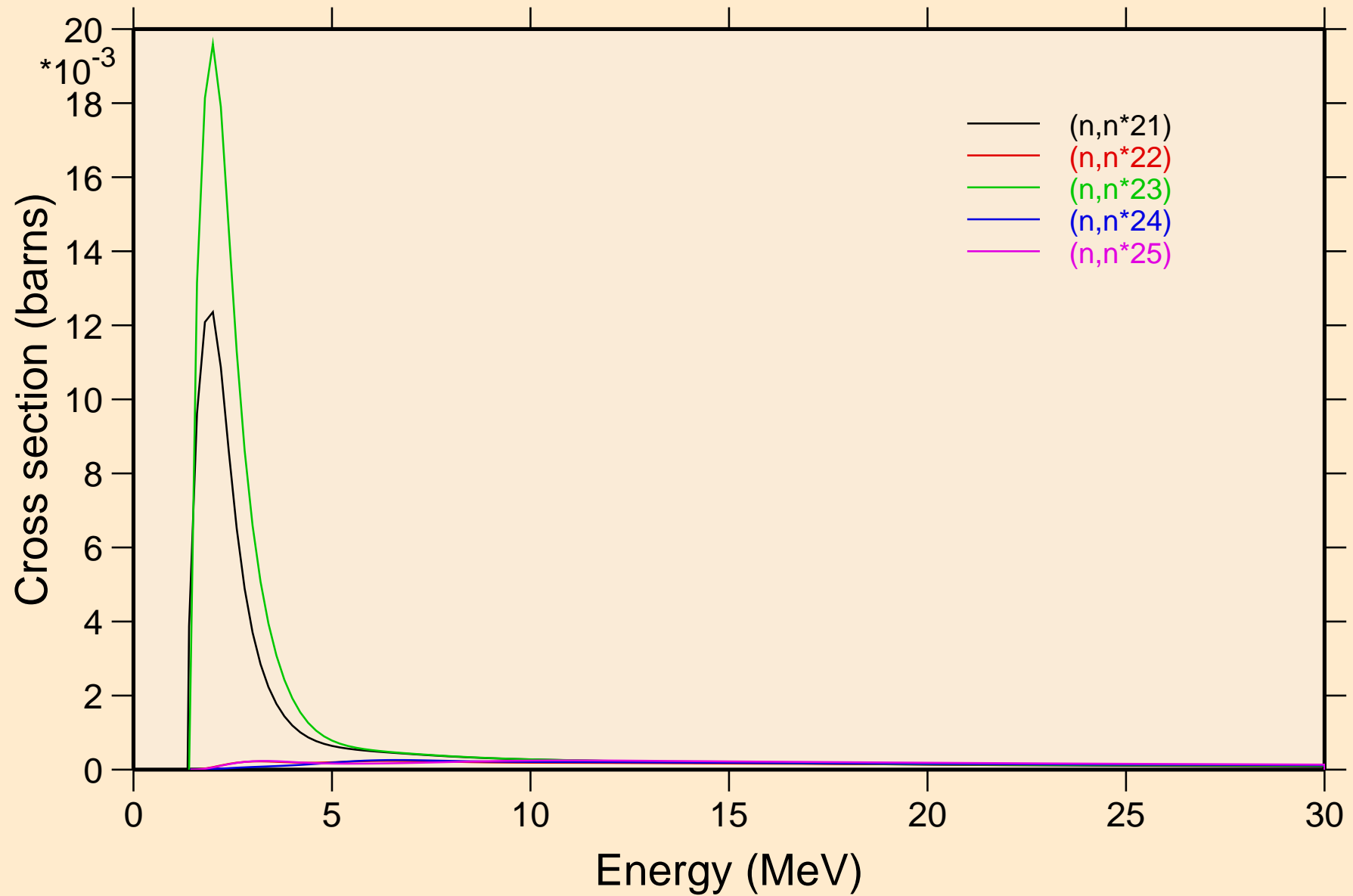
## Inelastic levels





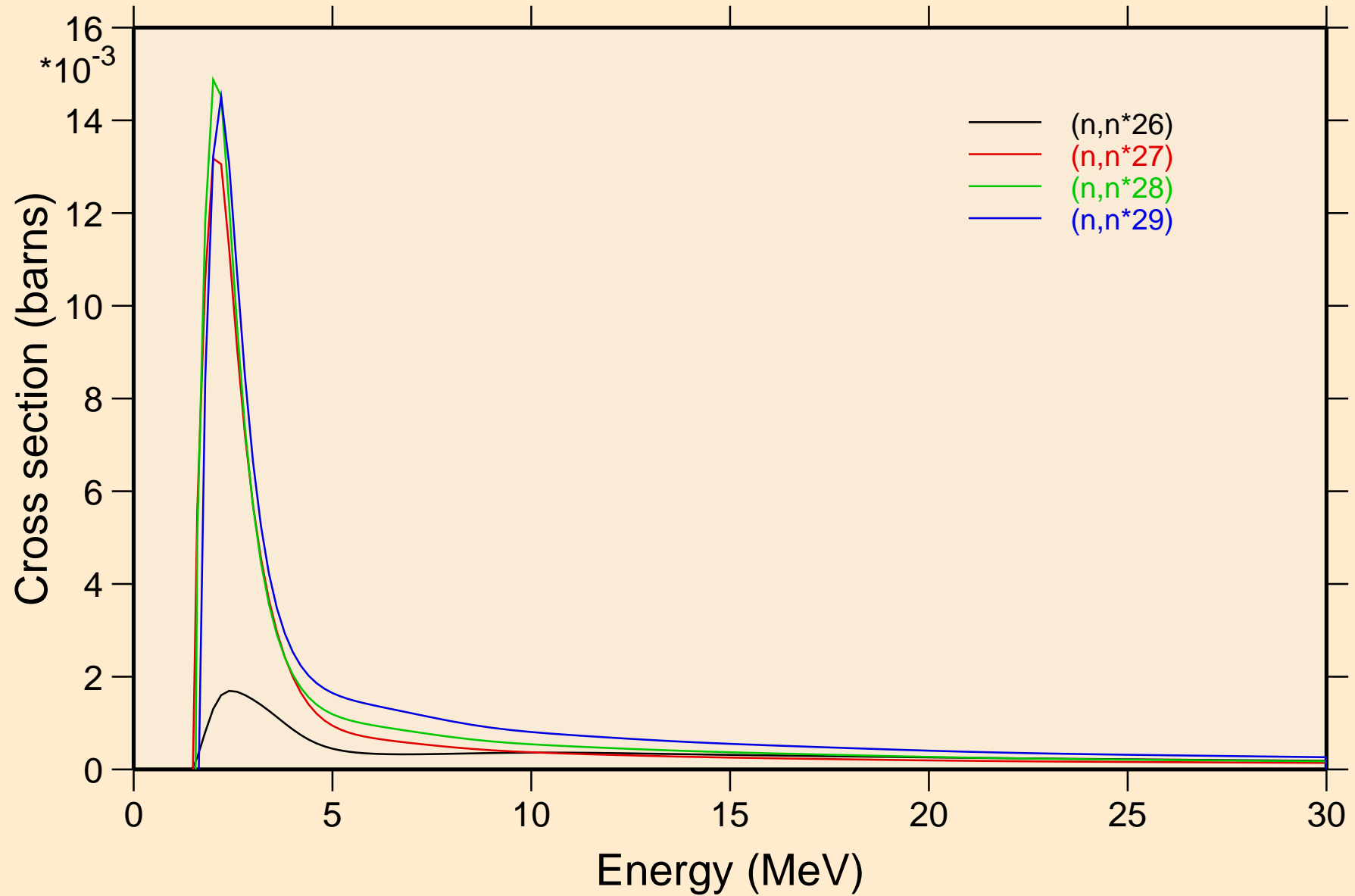
# AU191 NRG TENDL-2015, AKONING

## Inelastic levels



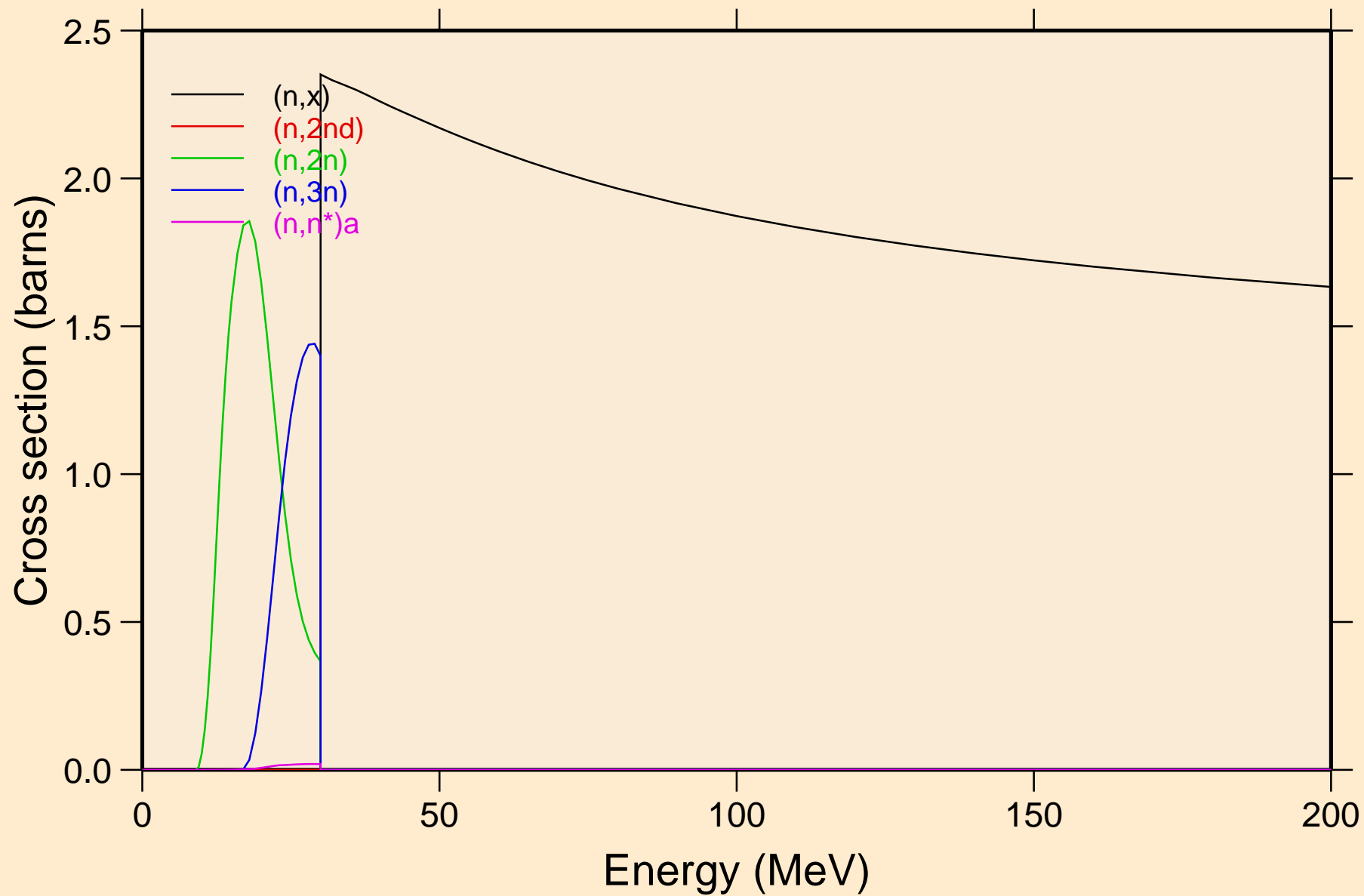
# AU191 NRG TENDL-2015, AKONING

## Inelastic levels



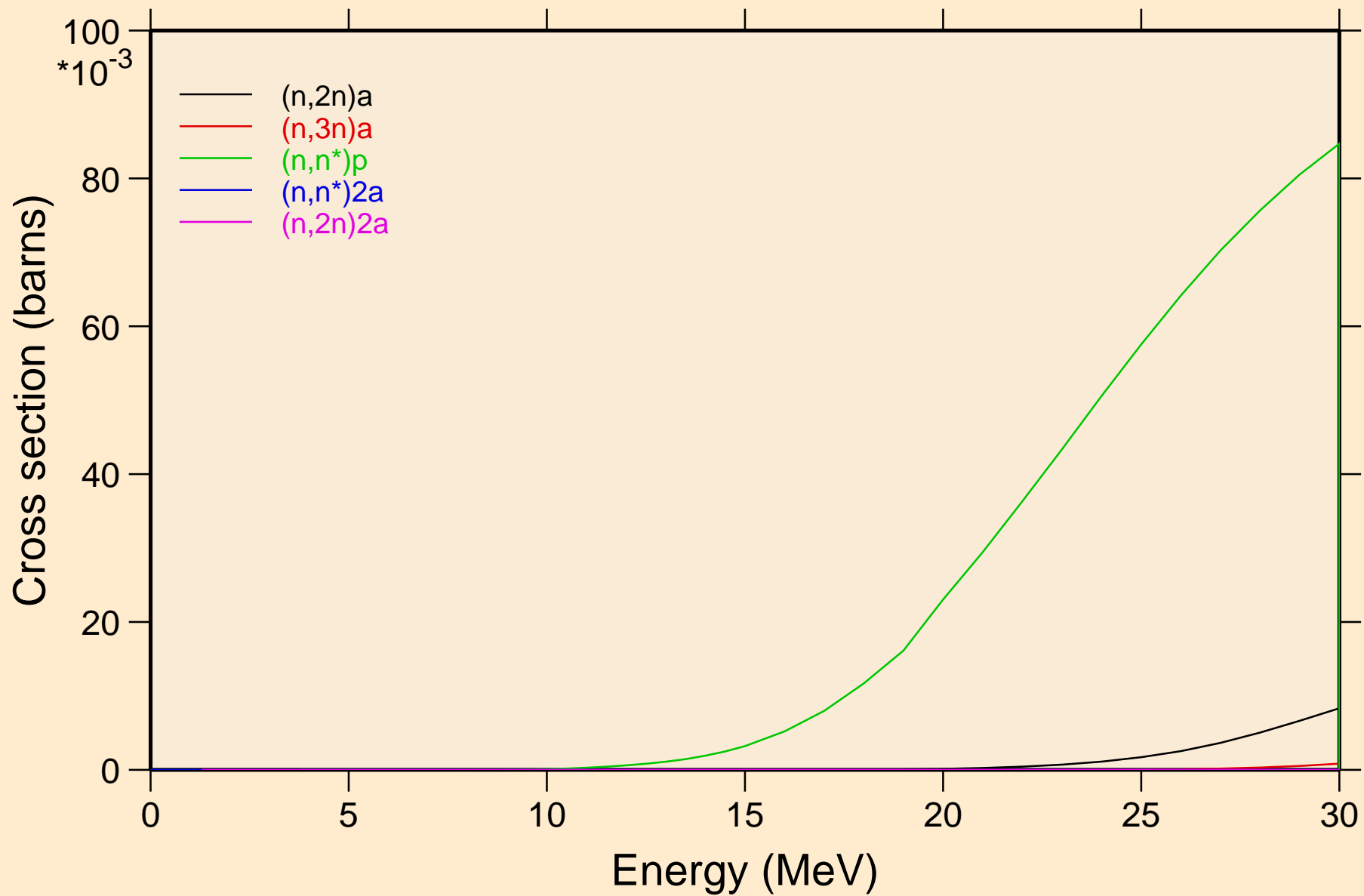
# AU191 NRG TENDL-2015, AKONING

## Threshold reactions



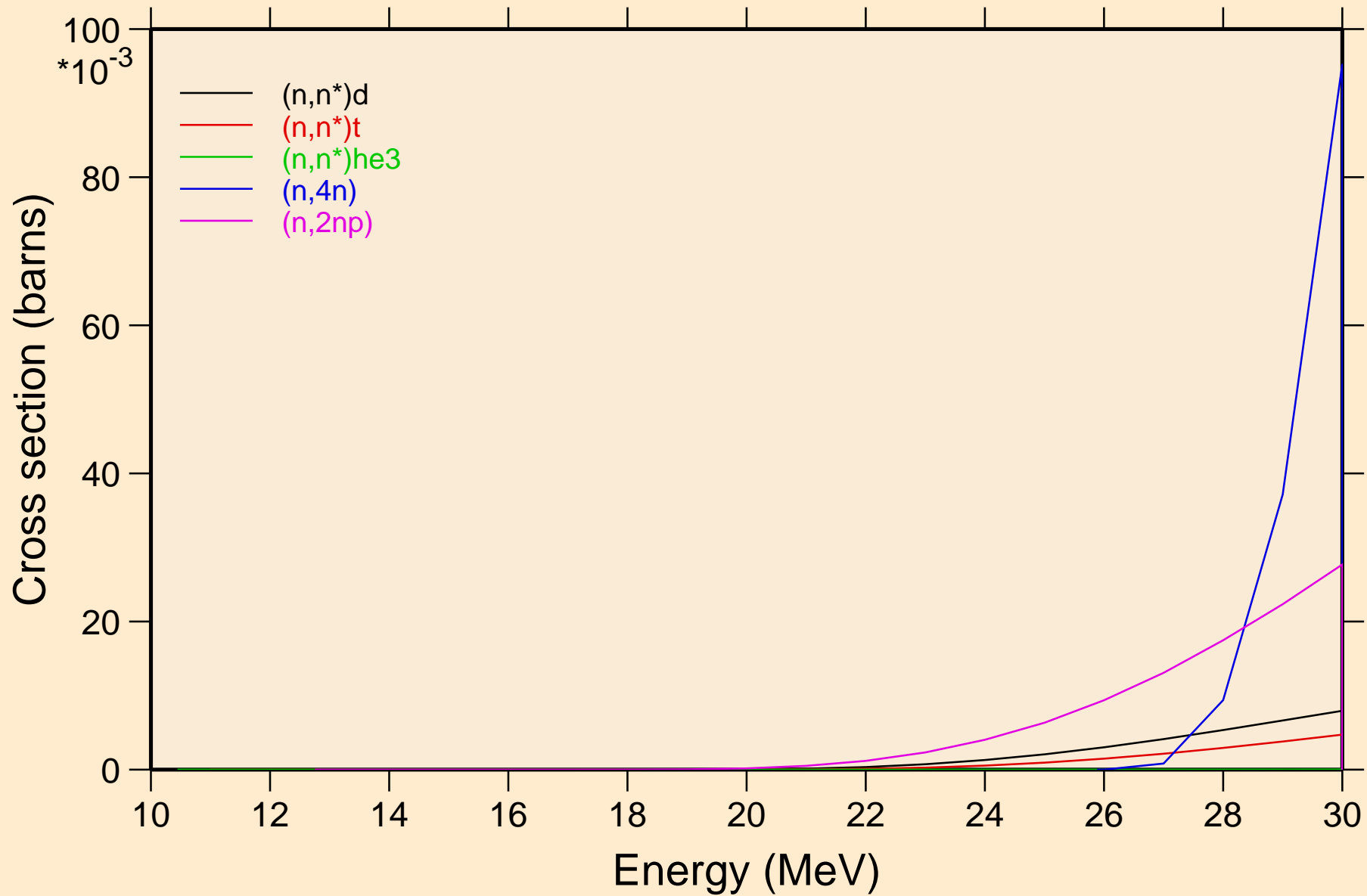
# AU191 NRG TENDL-2015, AKONING

## Threshold reactions



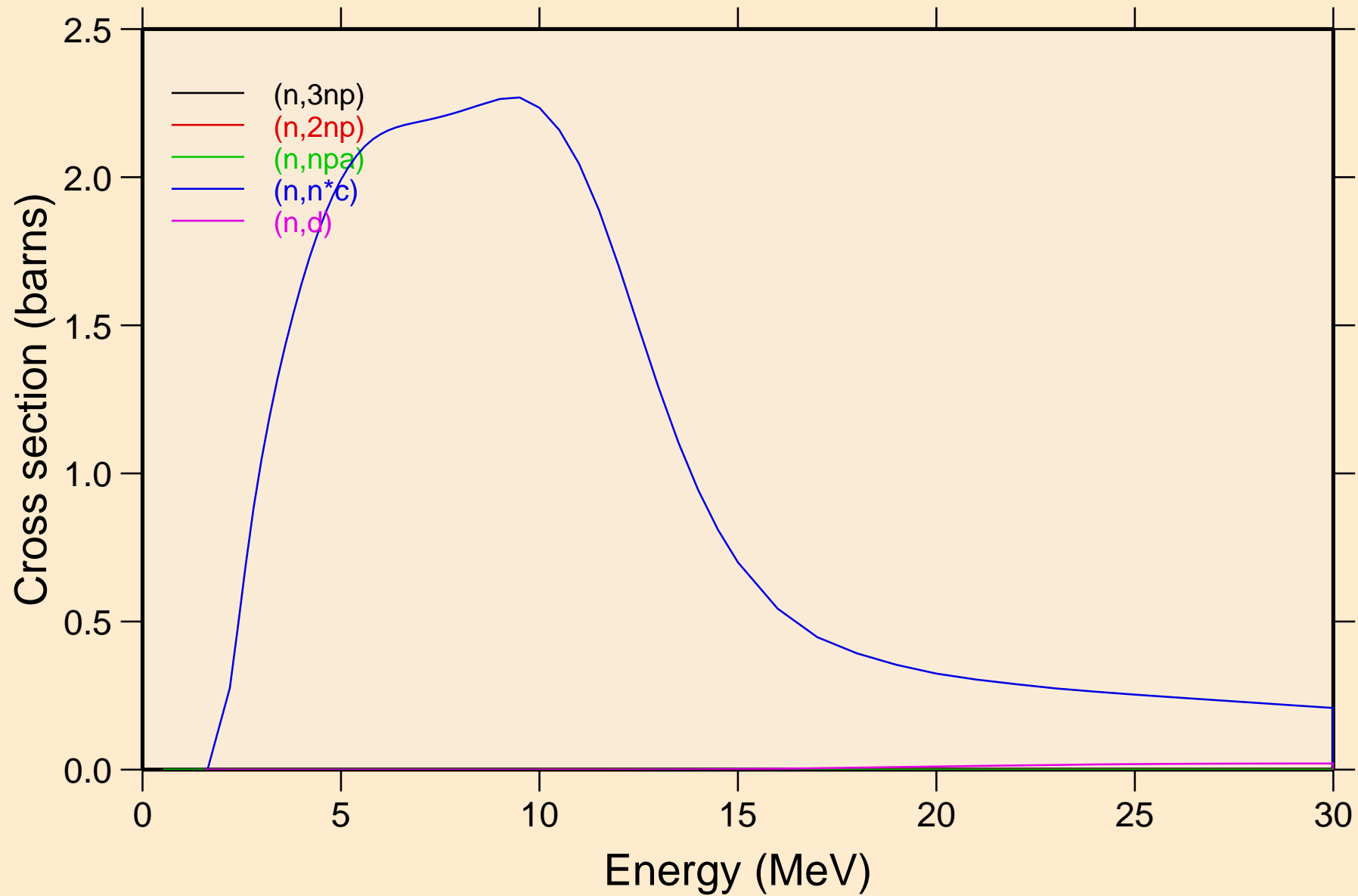
# AU191 NRG TENDL-2015, AKONING

## Threshold reactions



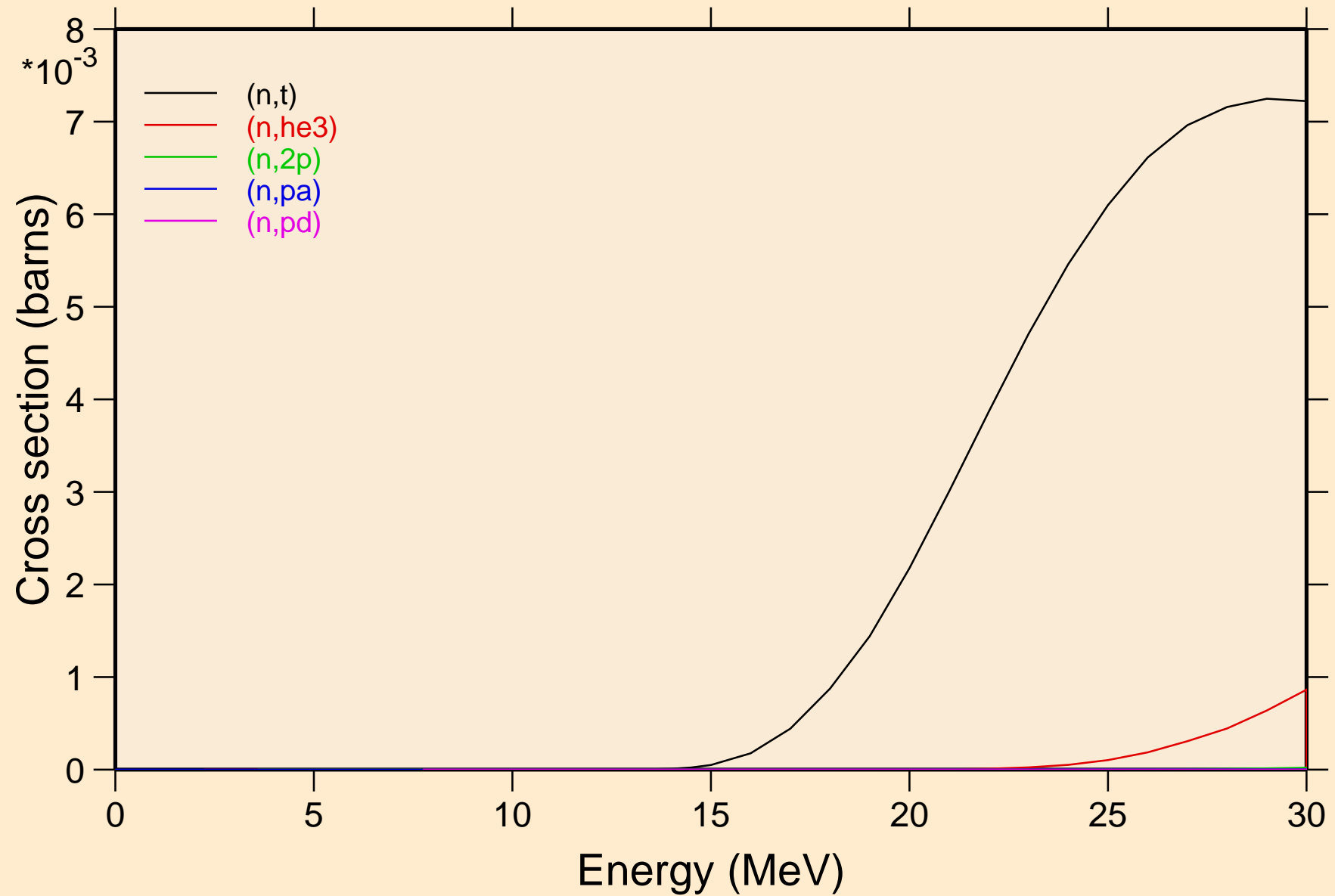
# AU191 NRG TENDL-2015, AKONING

## Threshold reactions



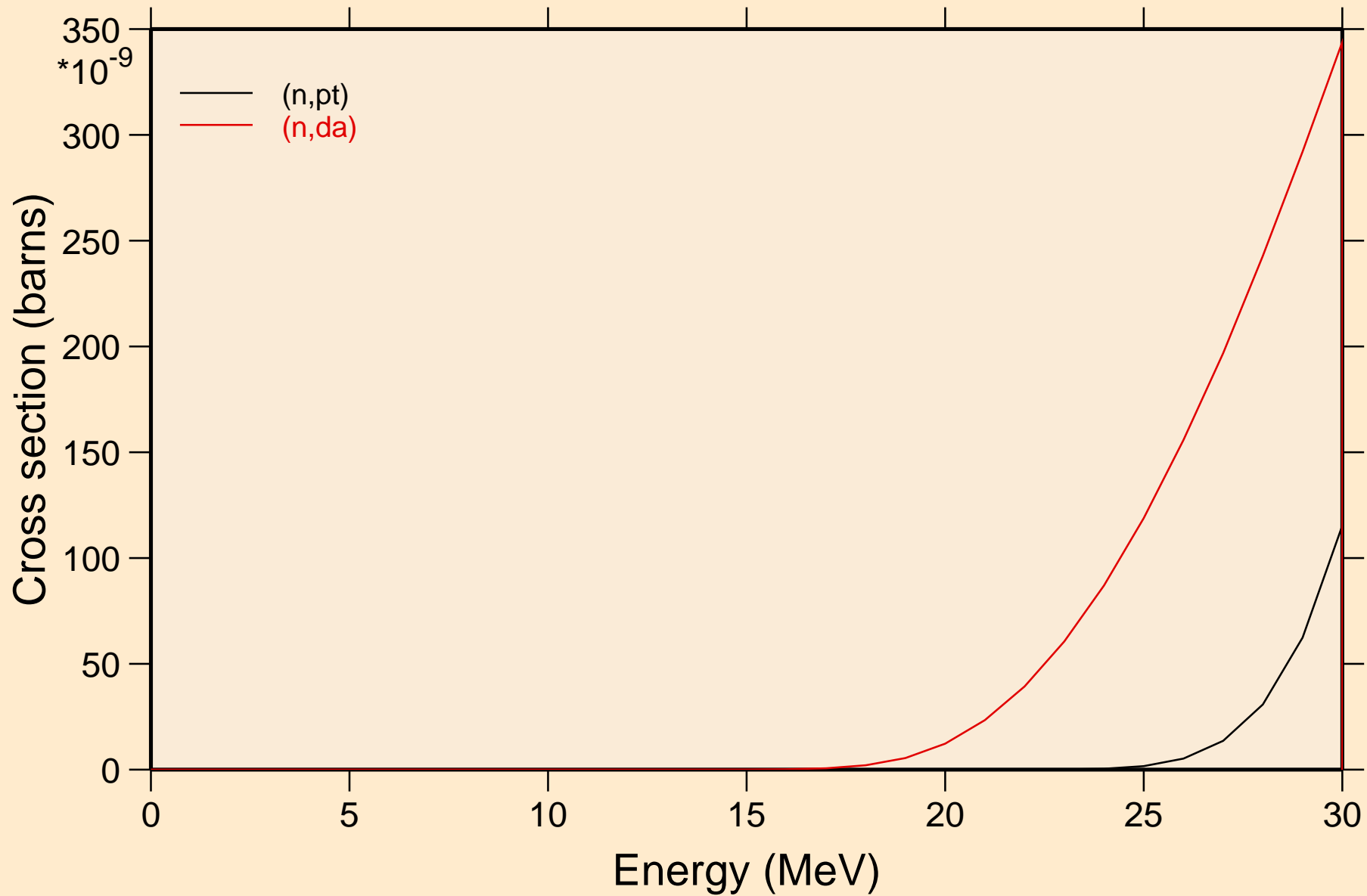
# AU191 NRG TENDL-2015, AKONING

## Threshold reactions



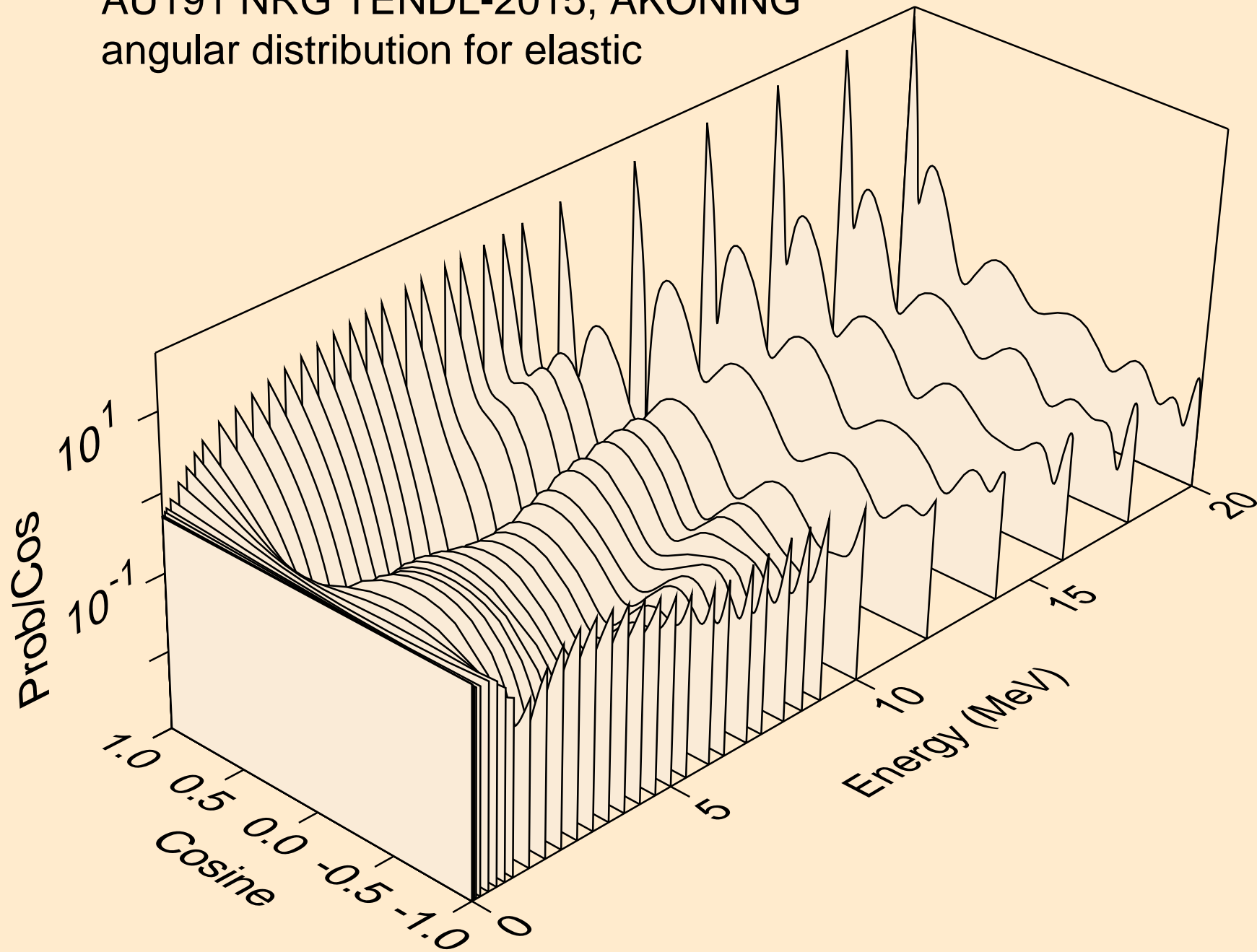
# AU191 NRG TENDL-2015, AKONING

## Threshold reactions

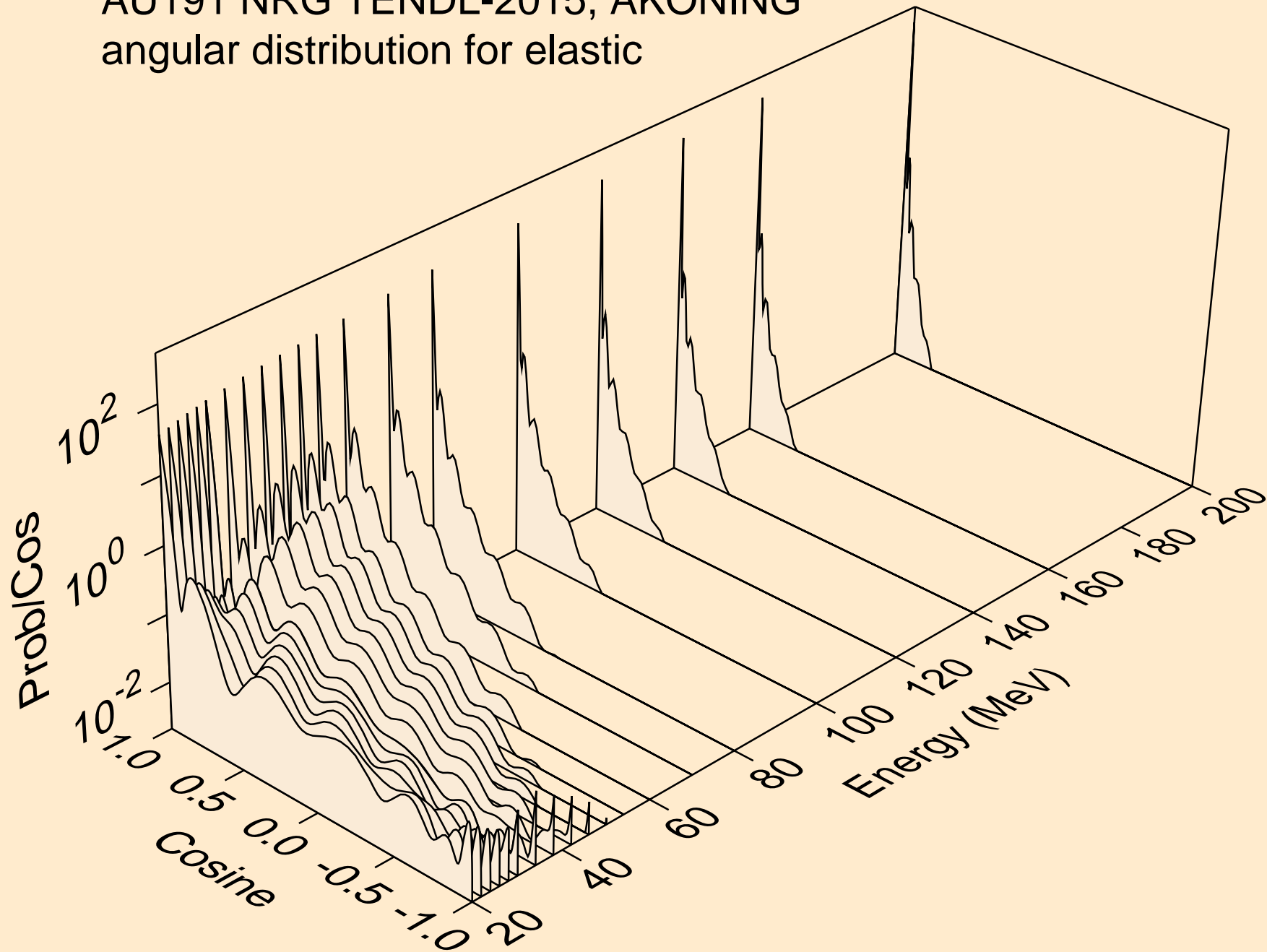




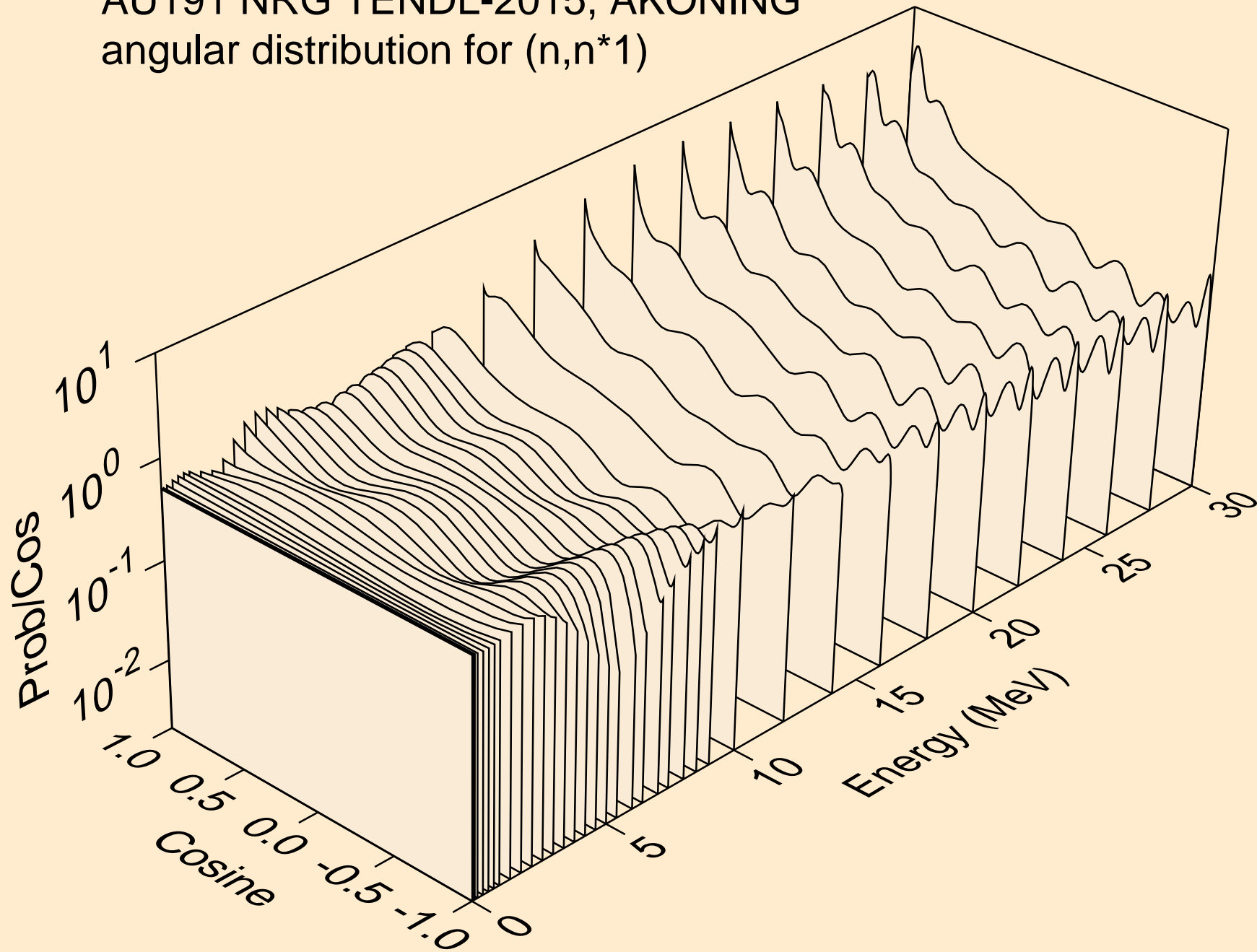
AU191 NRG TENDL-2015, AKONING  
angular distribution for elastic



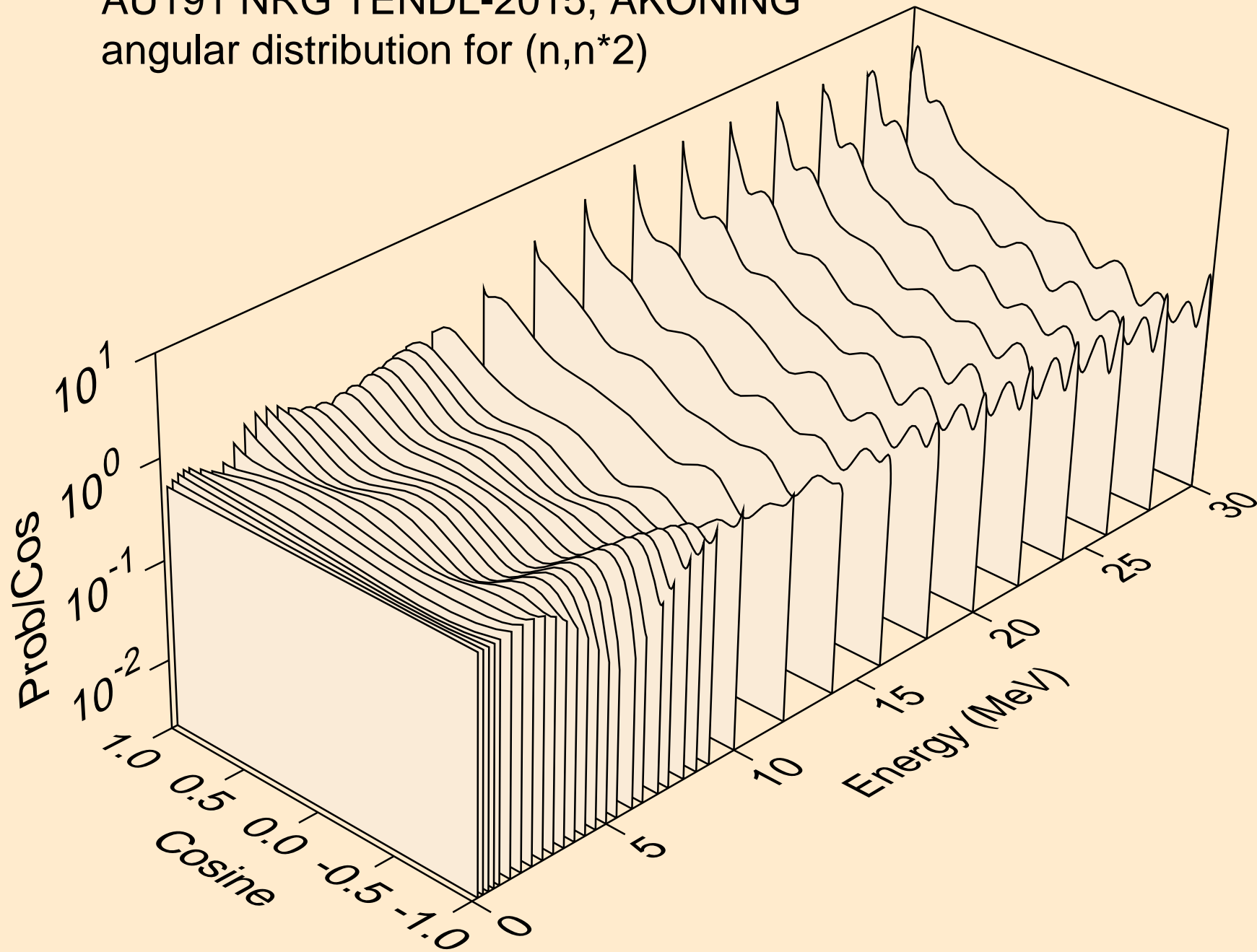
AU191 NRG TENDL-2015, AKONING  
angular distribution for elastic



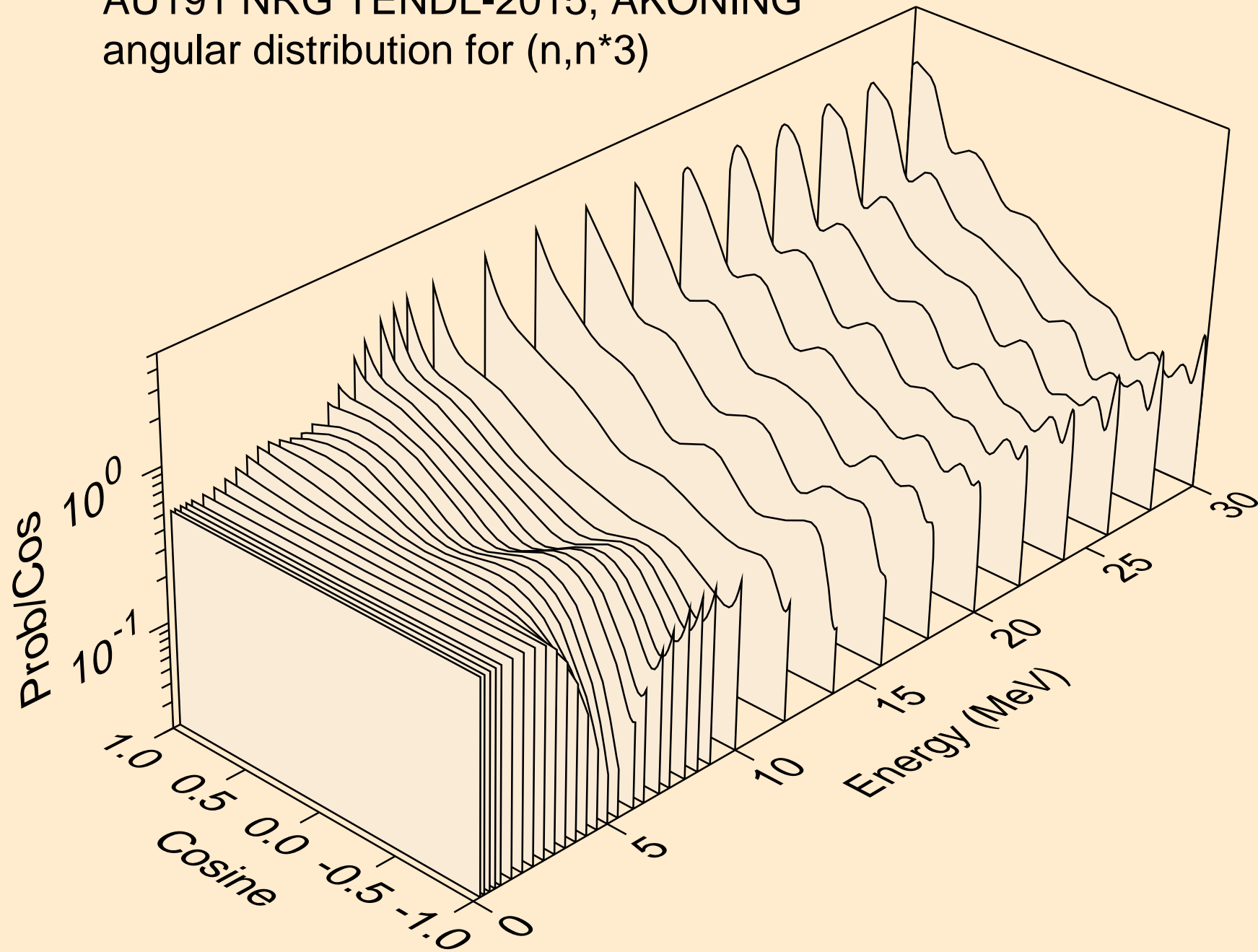
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



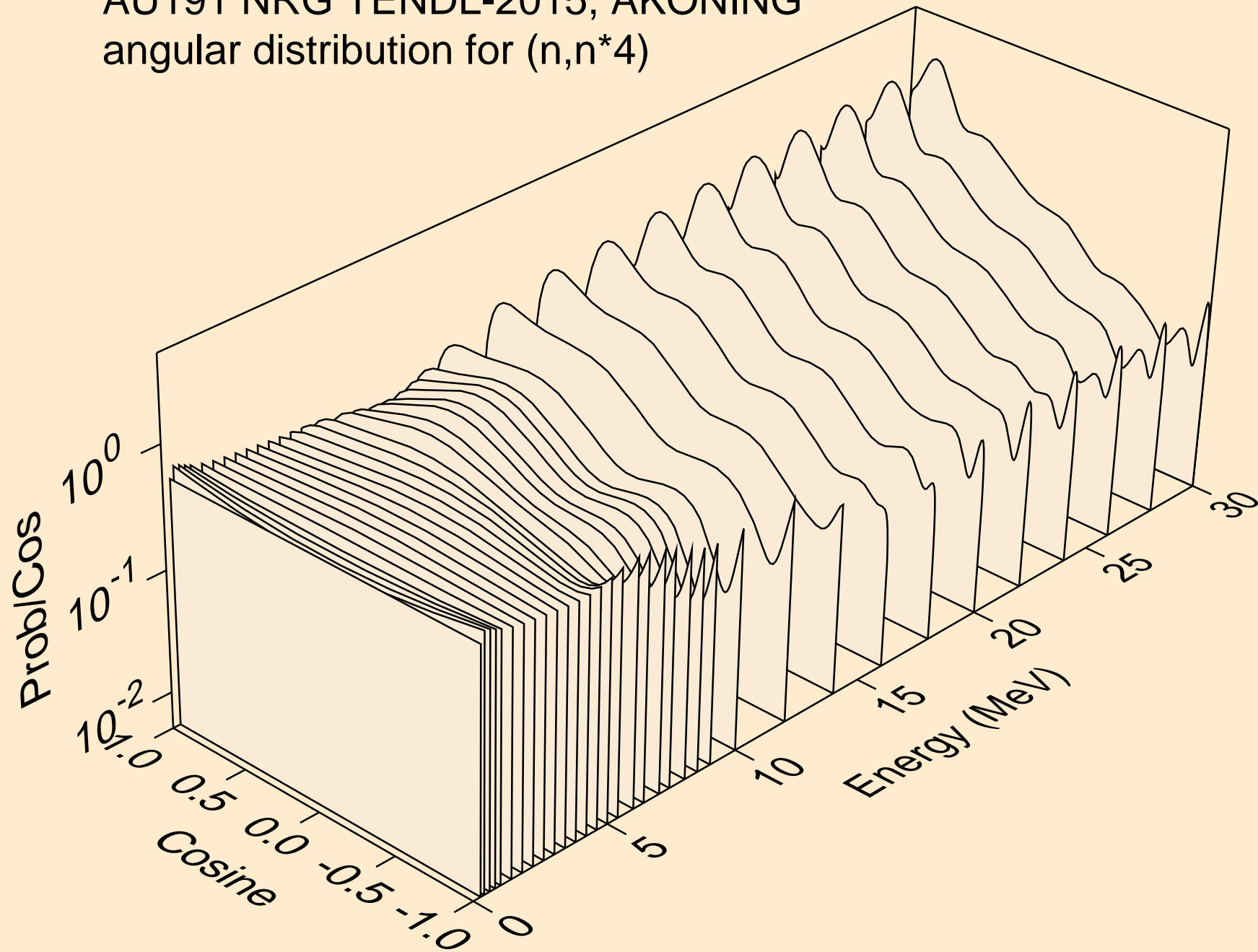
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



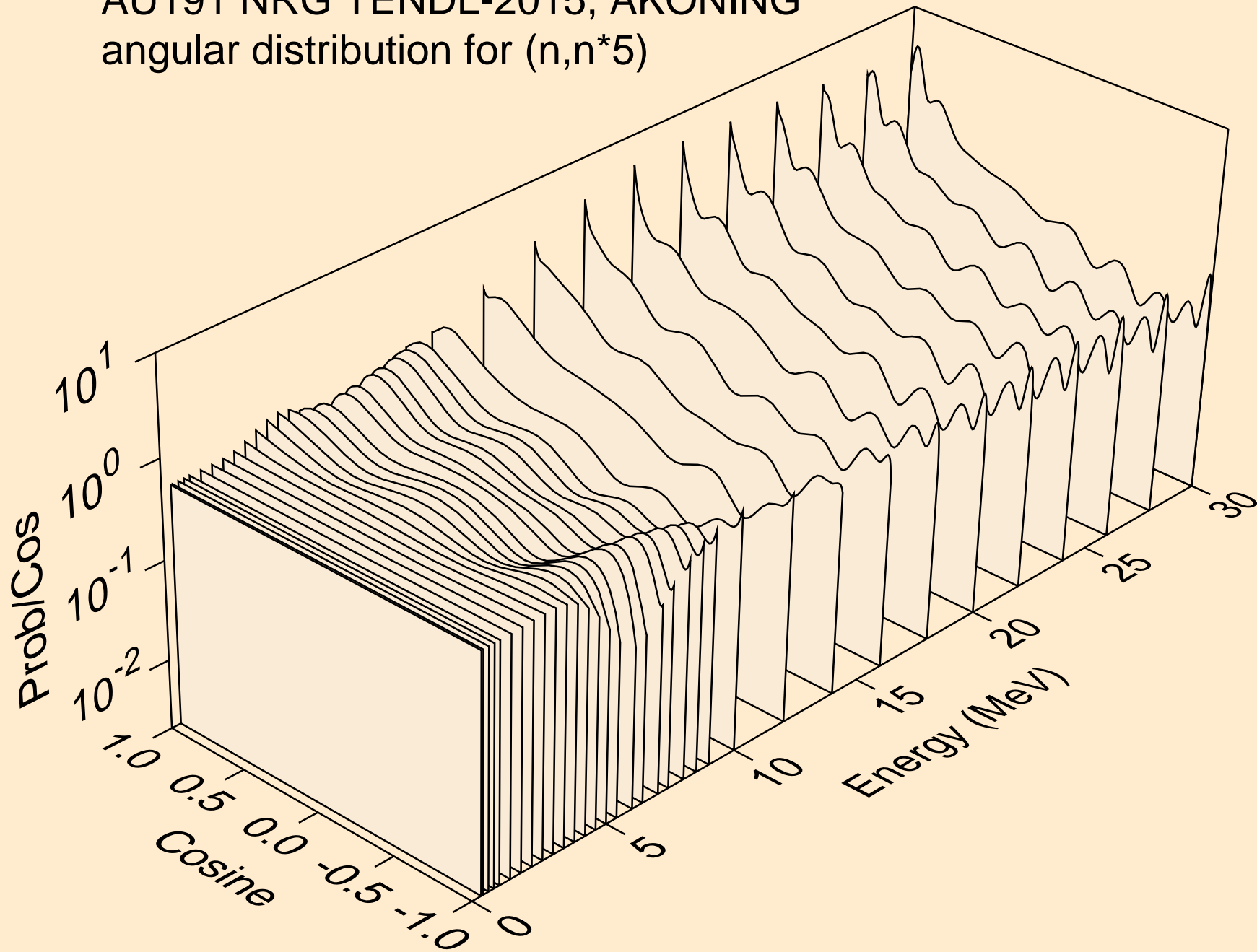
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



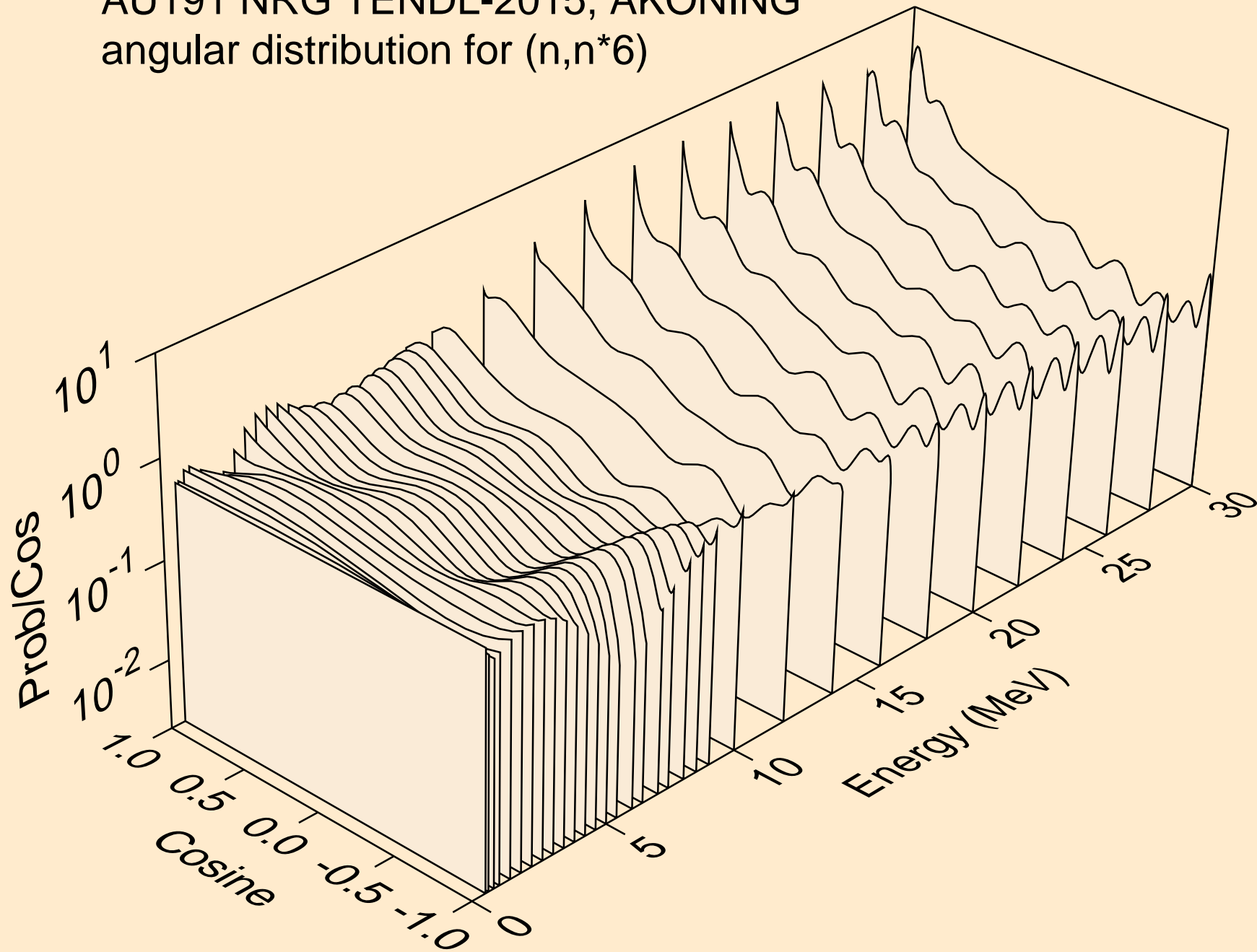
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

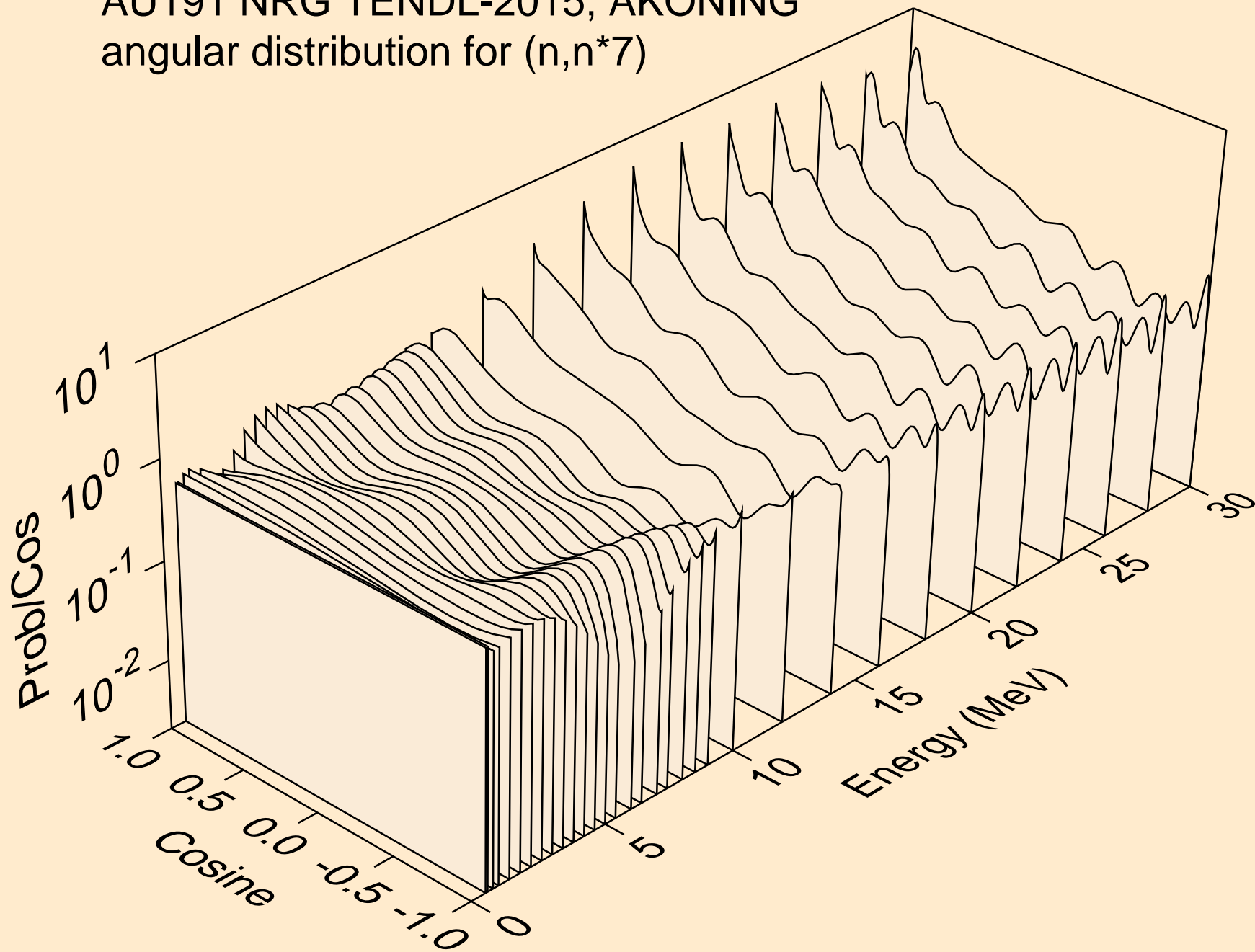


AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

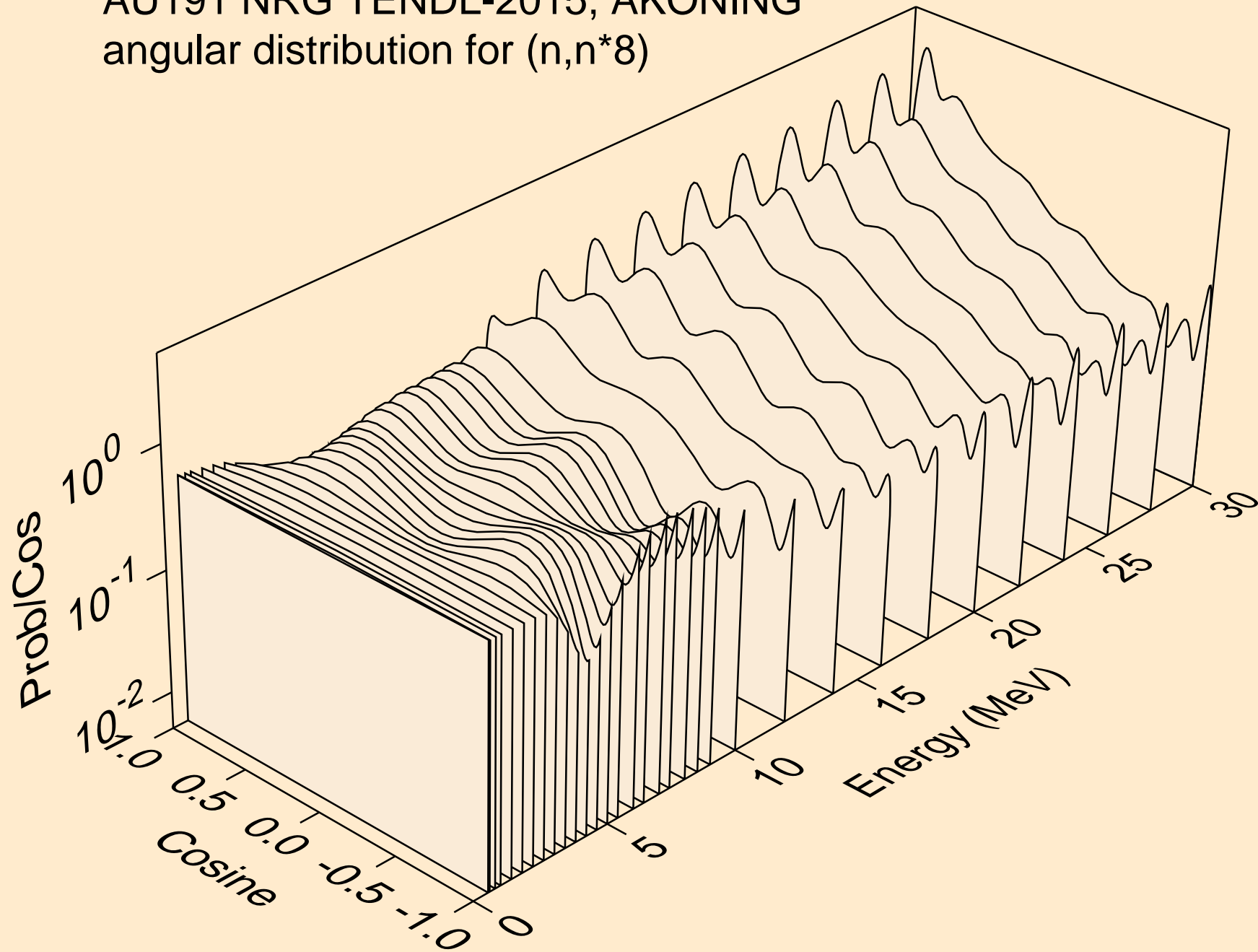




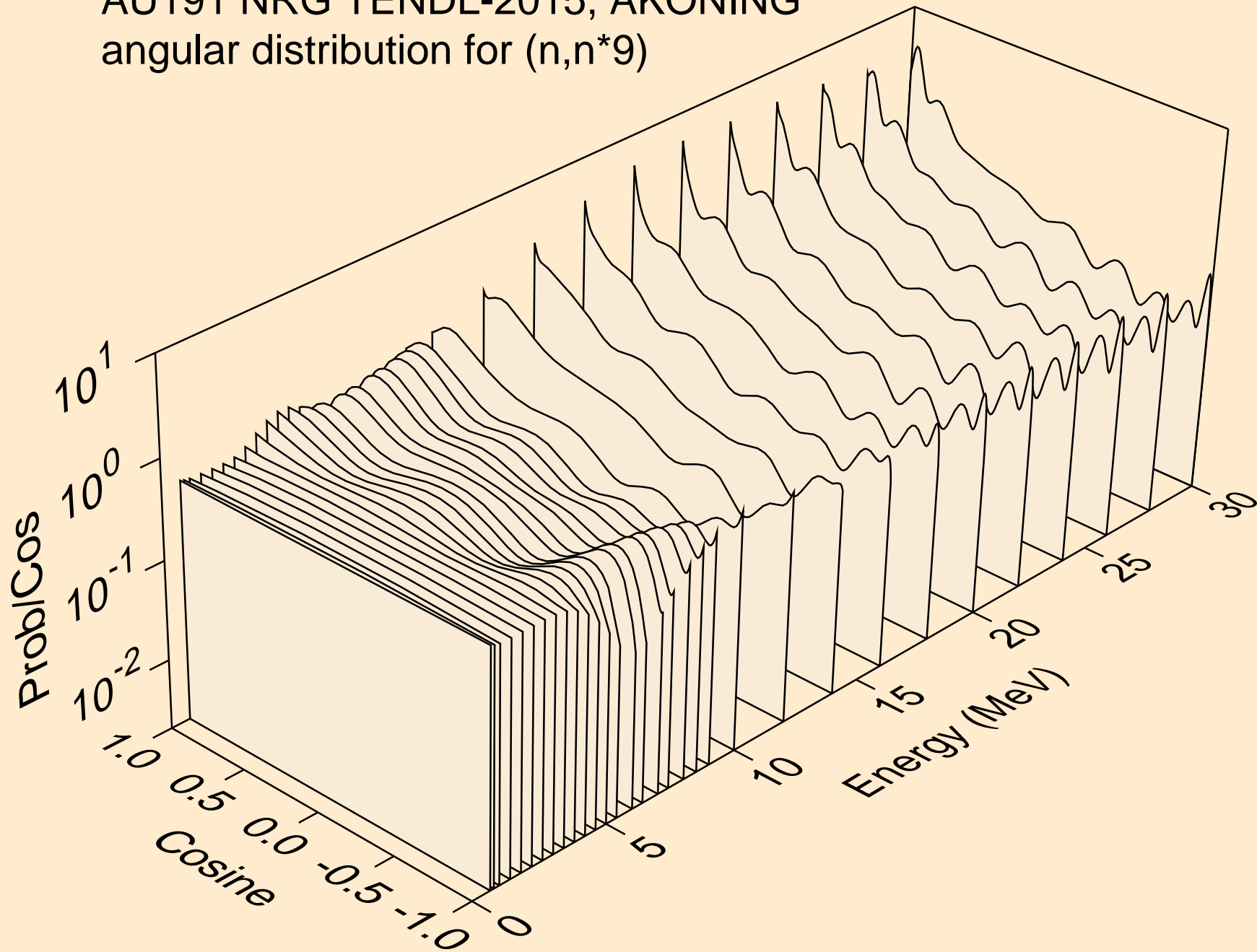
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



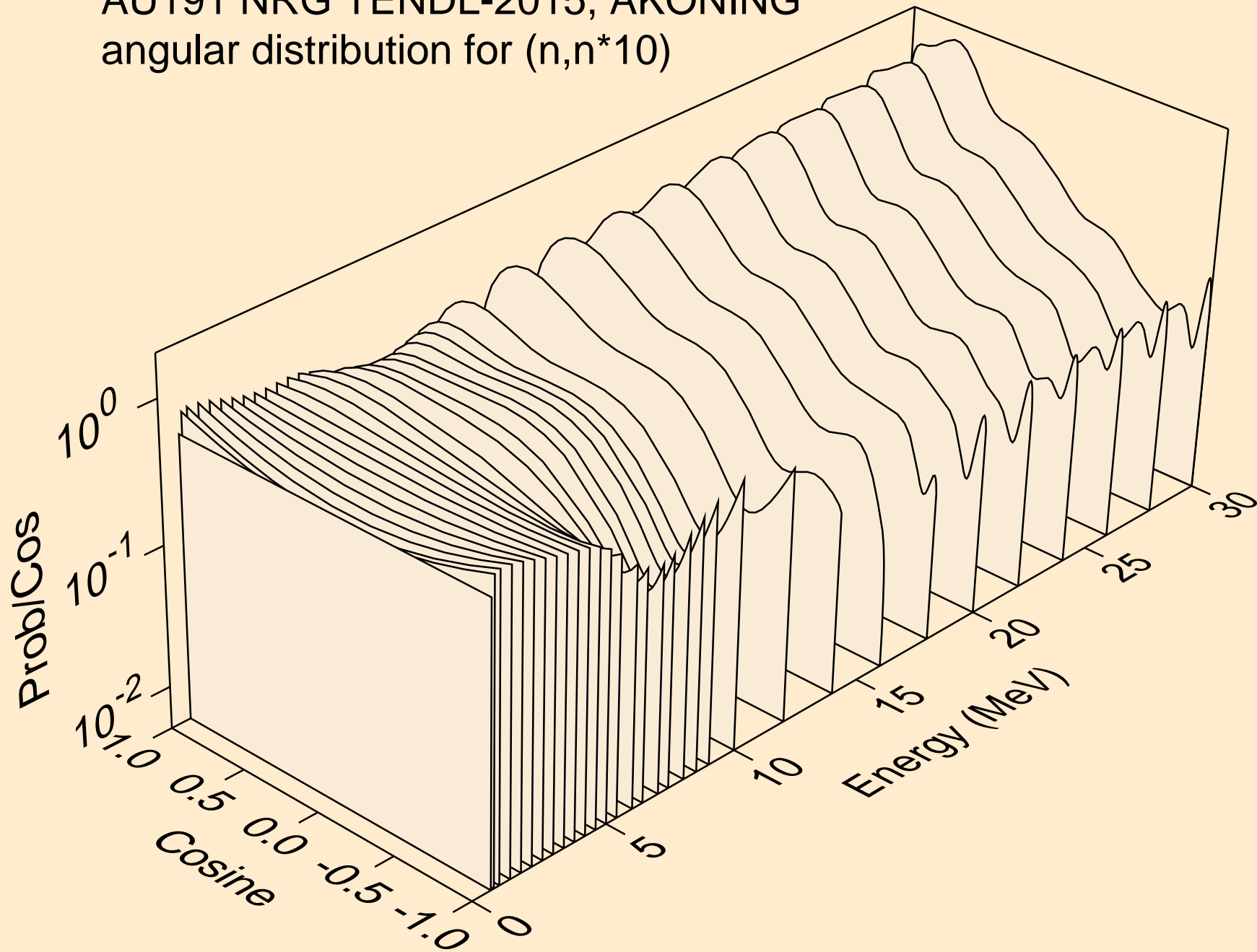
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



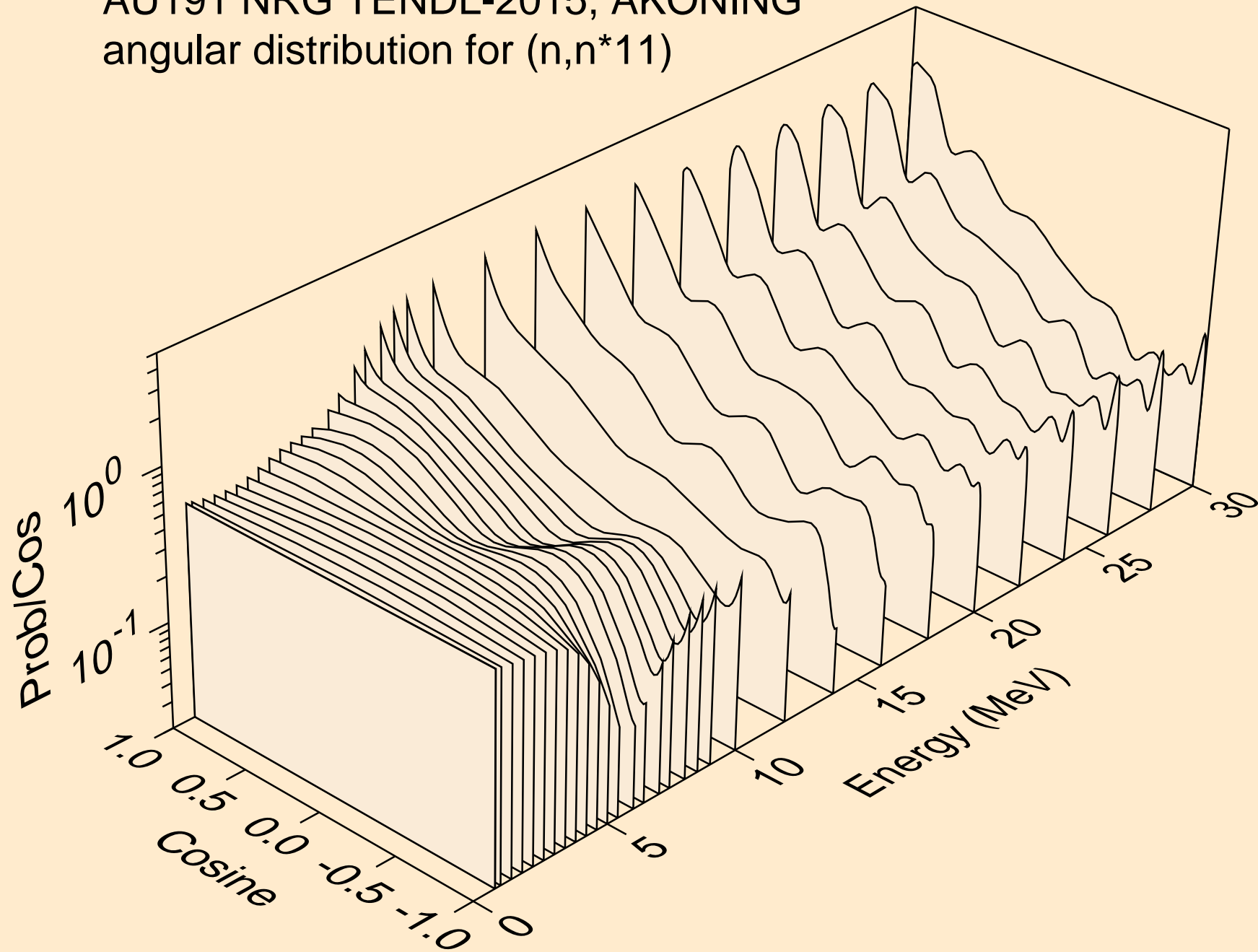
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



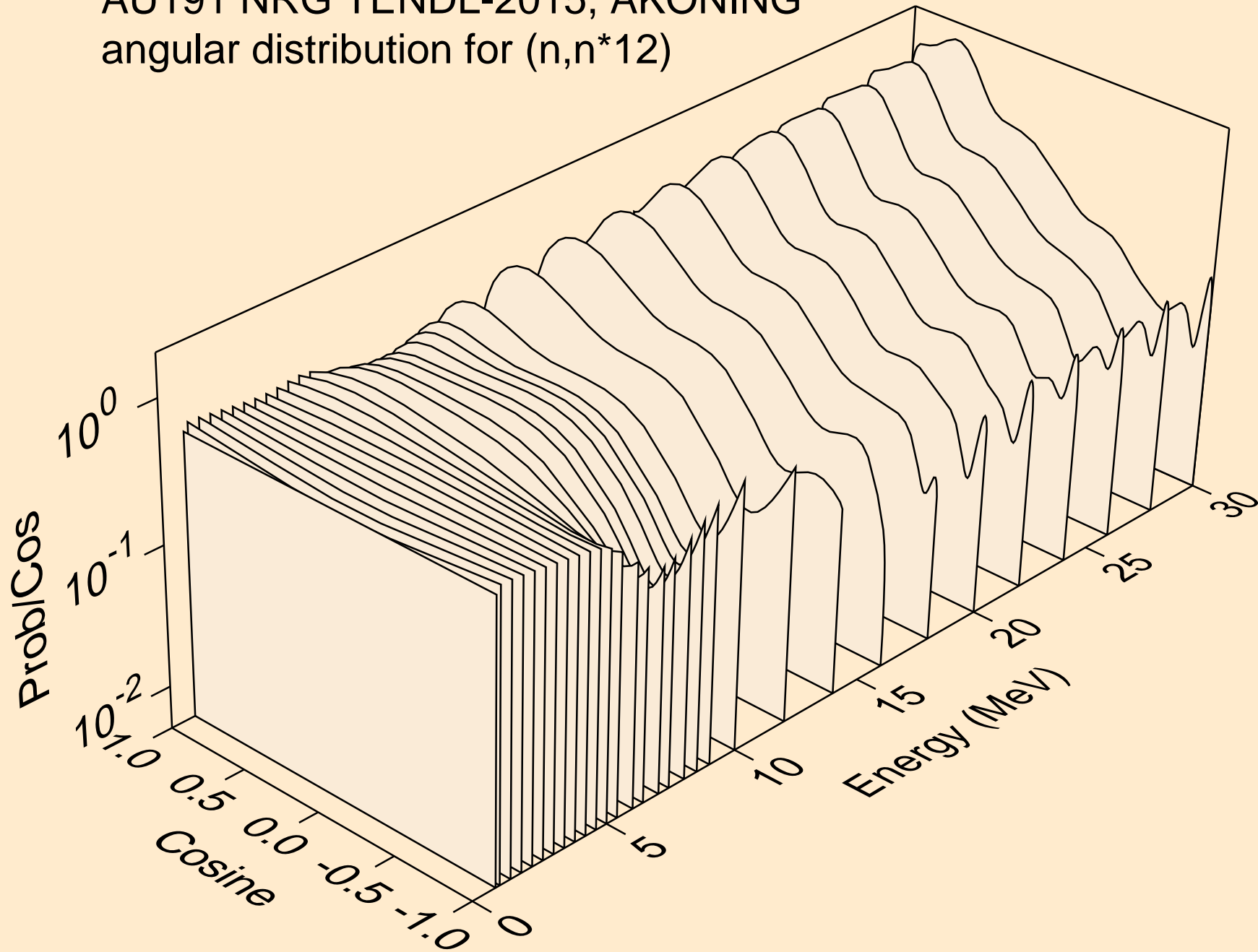
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angular distribution for (n,n\*10)



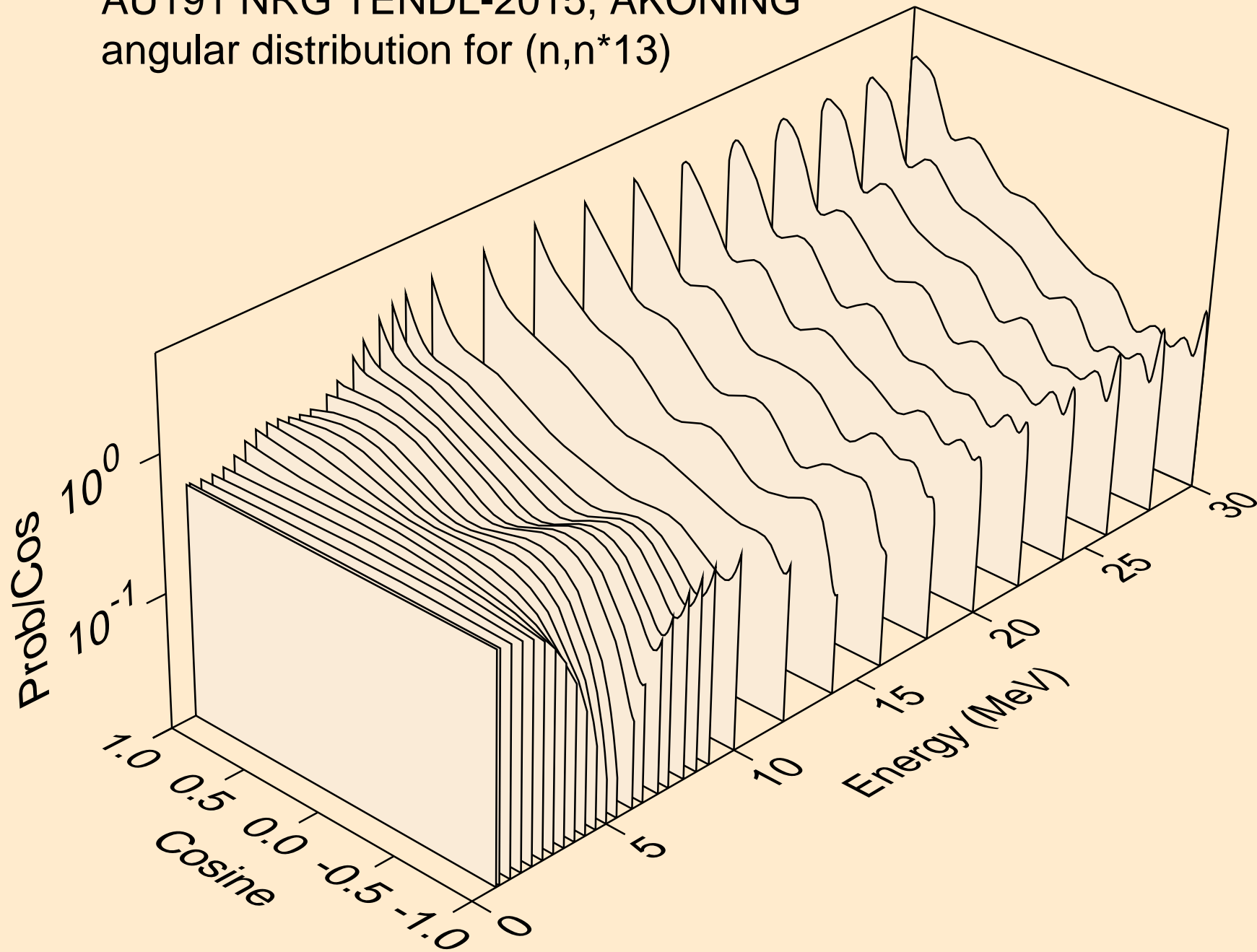
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



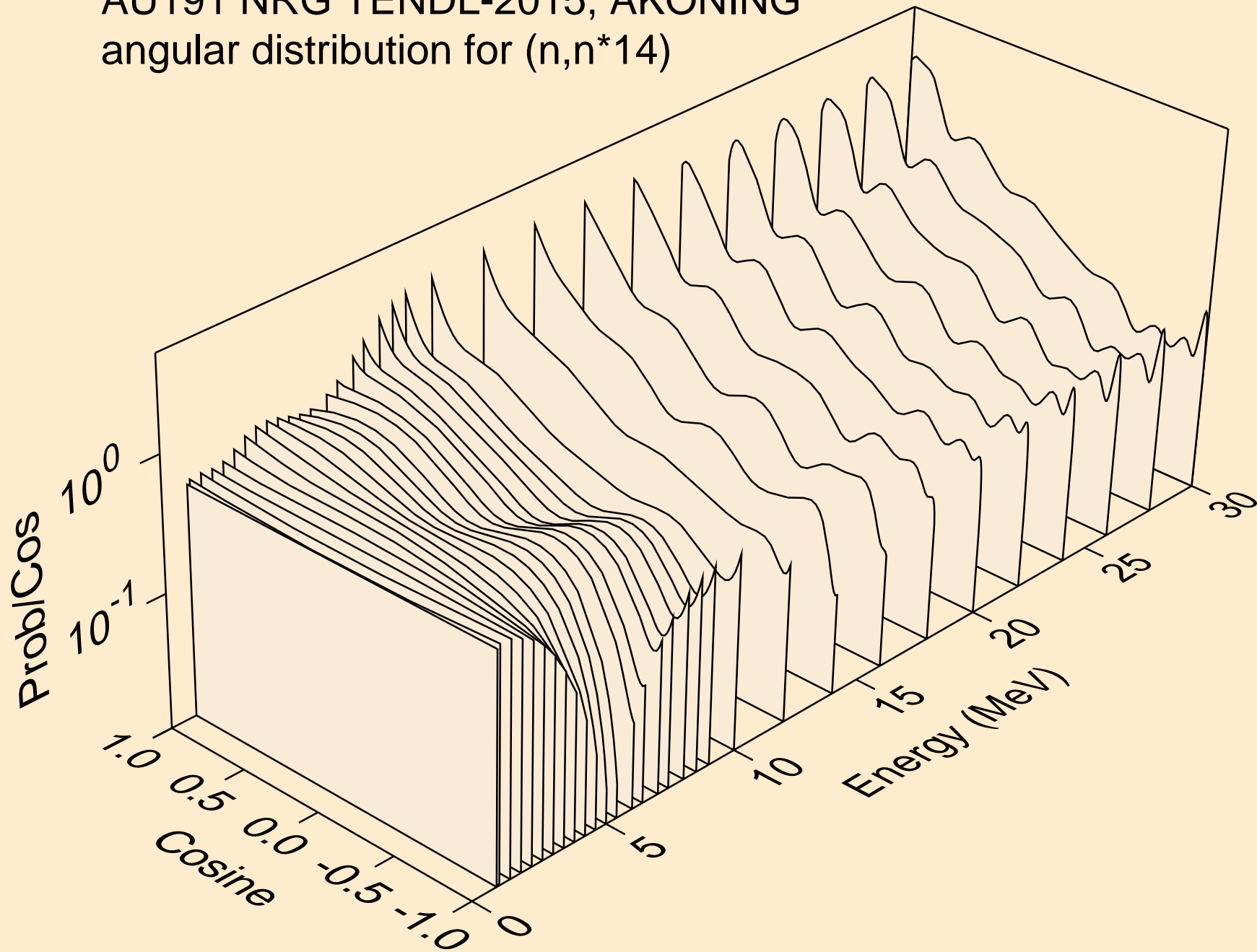
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

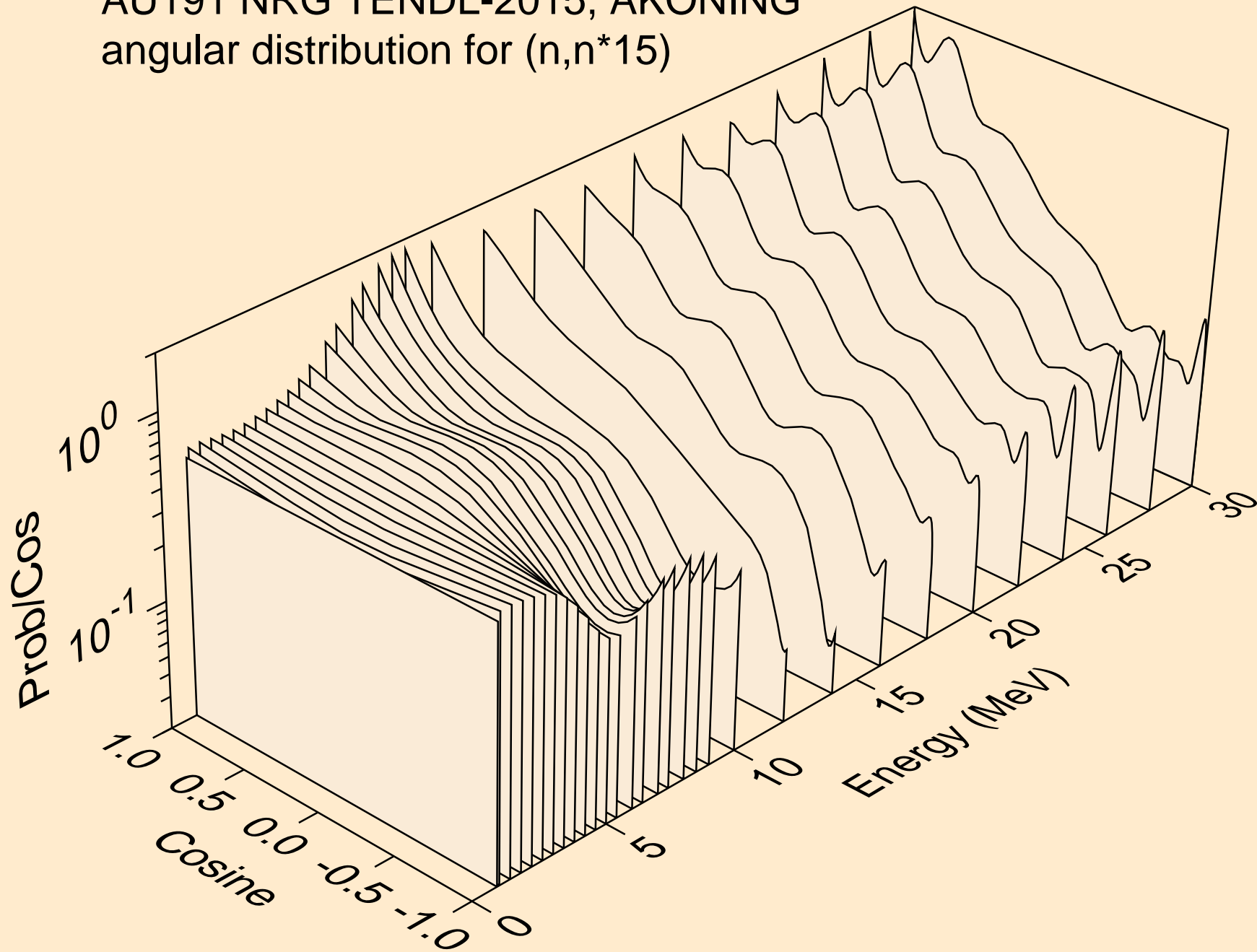


AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

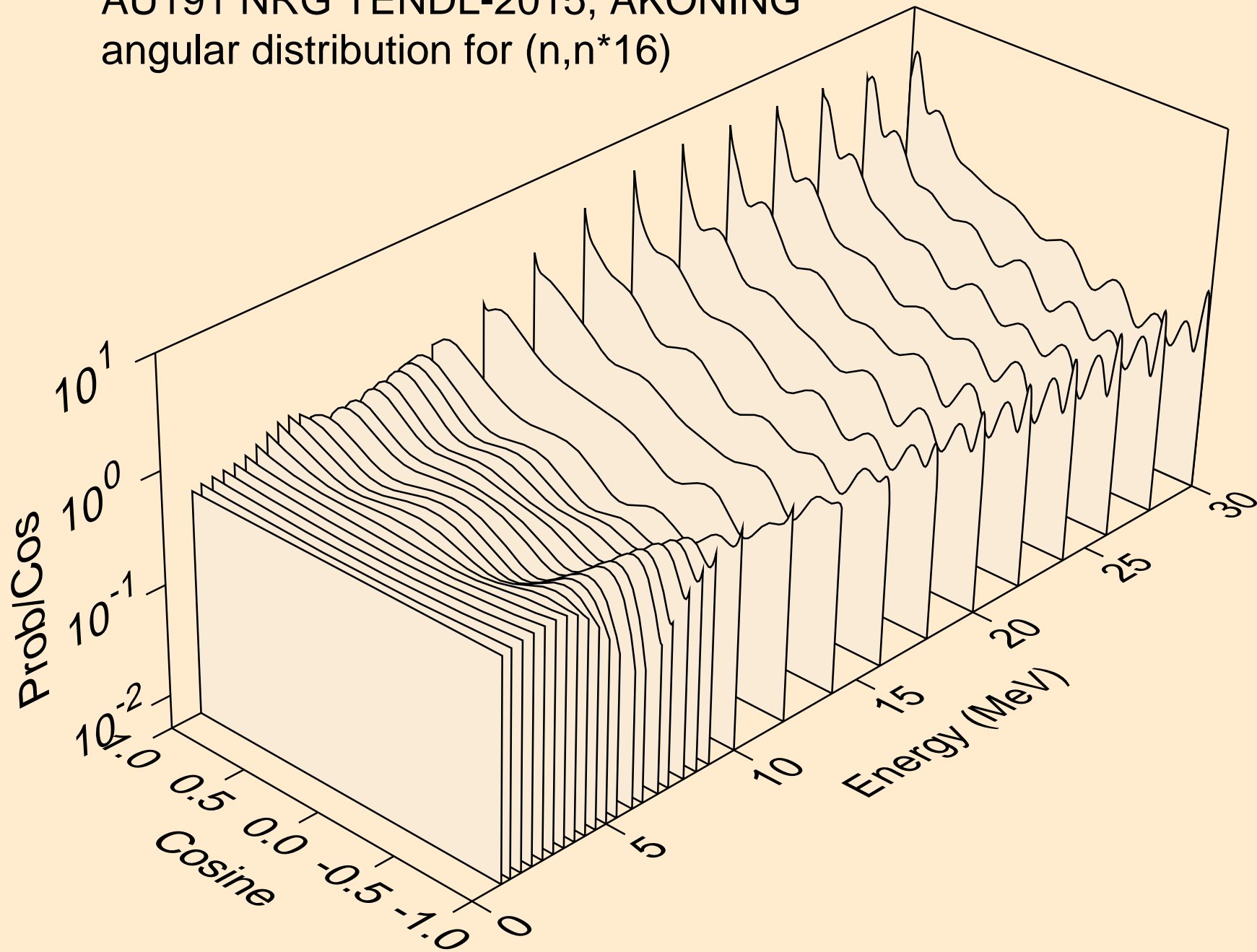




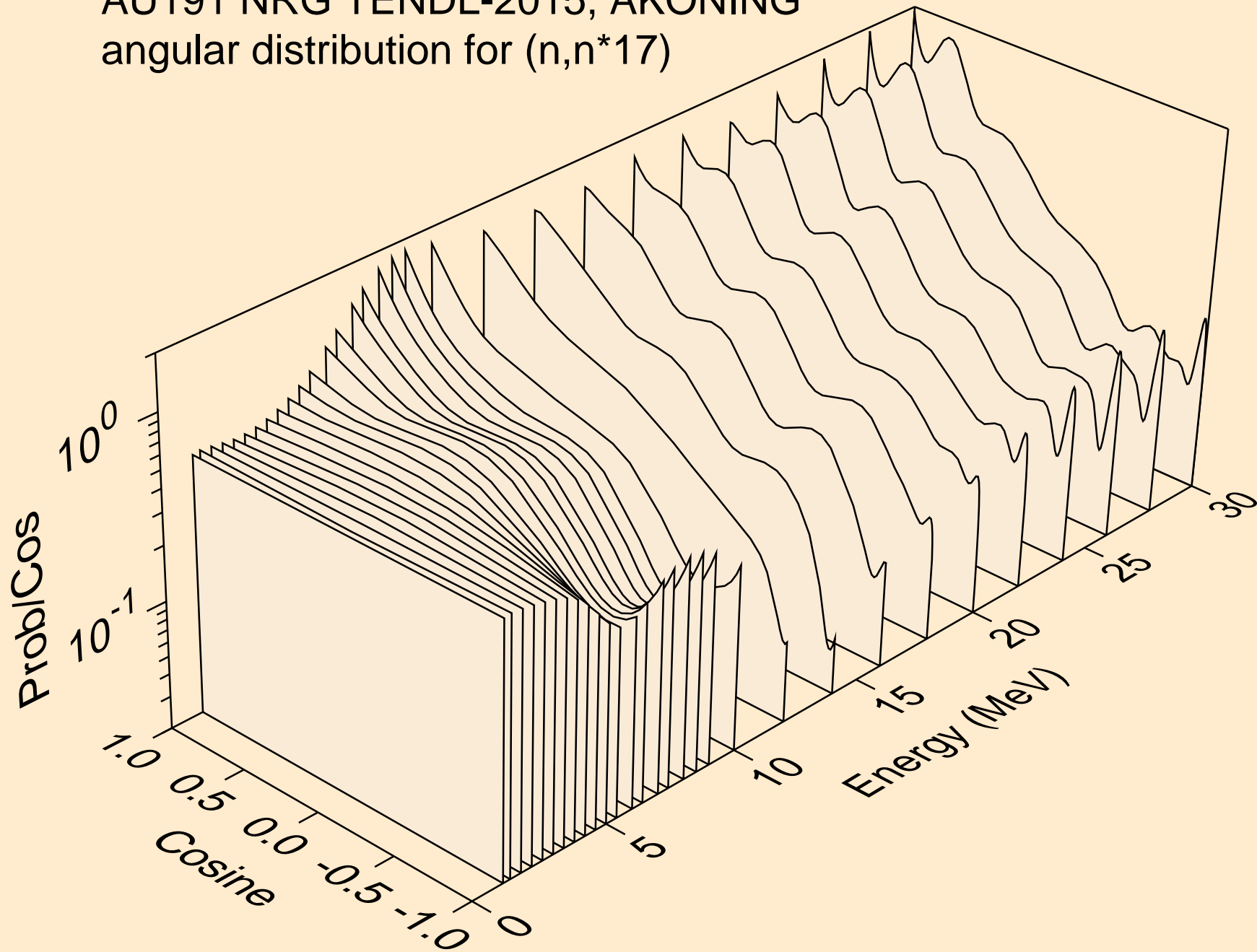
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



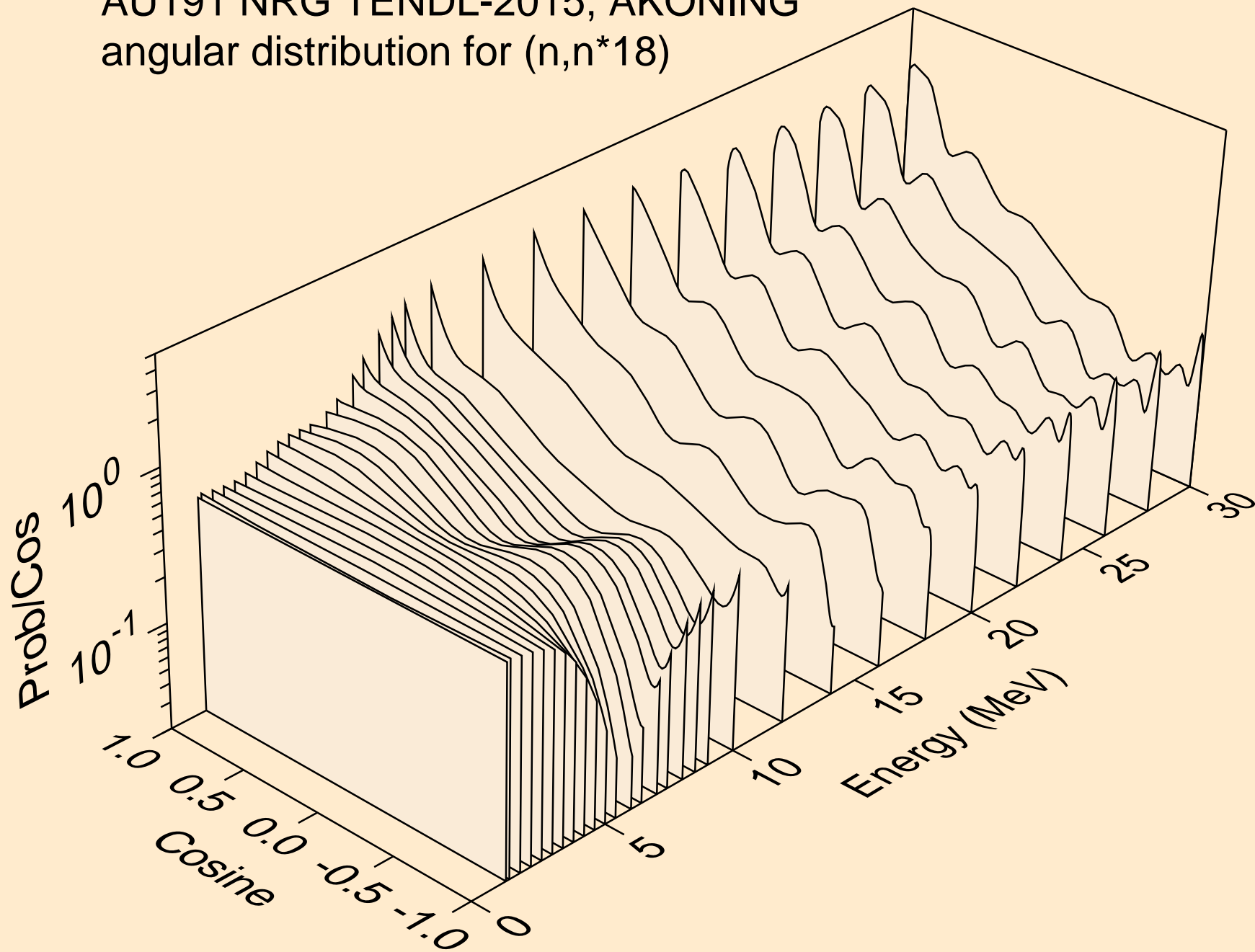
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



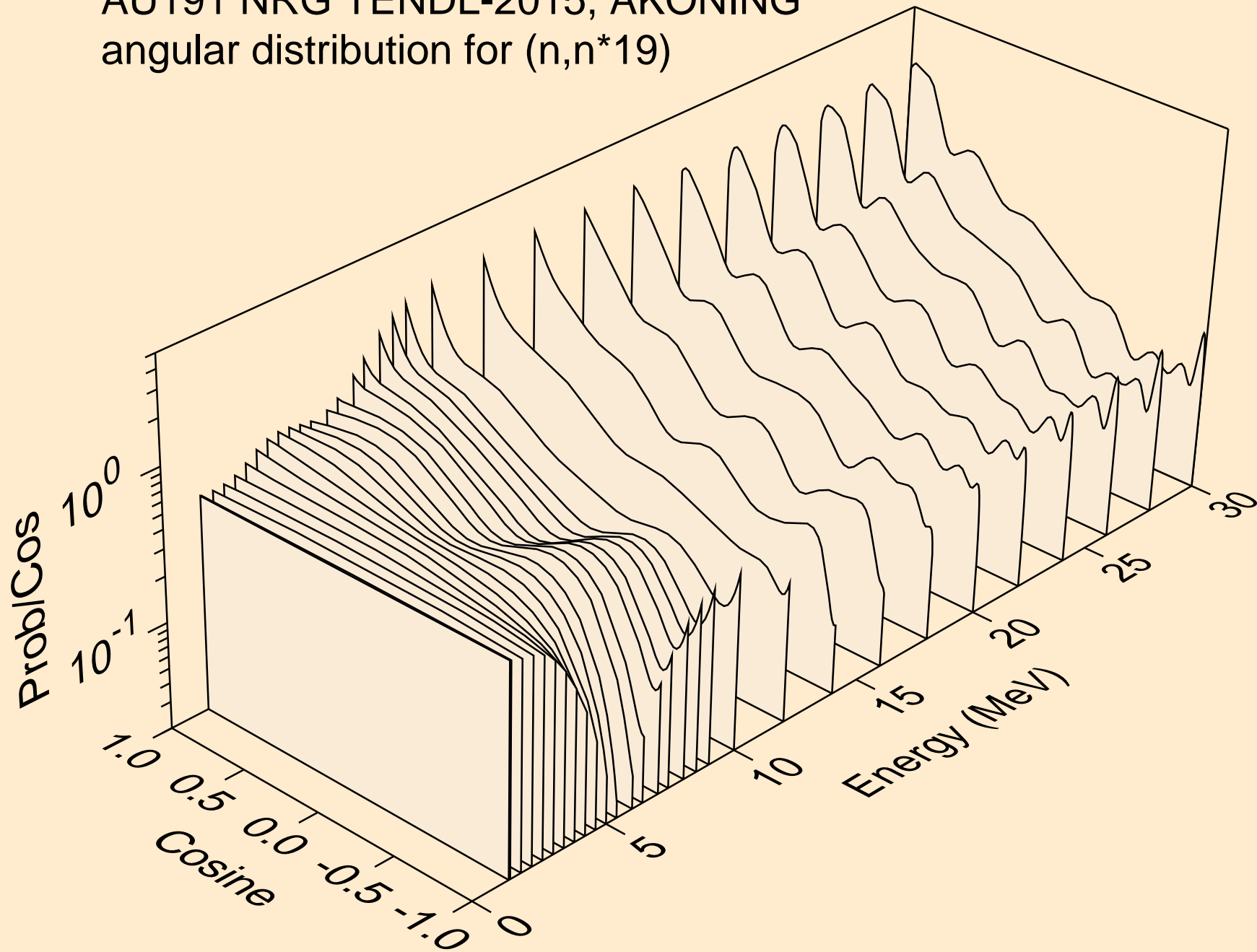
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



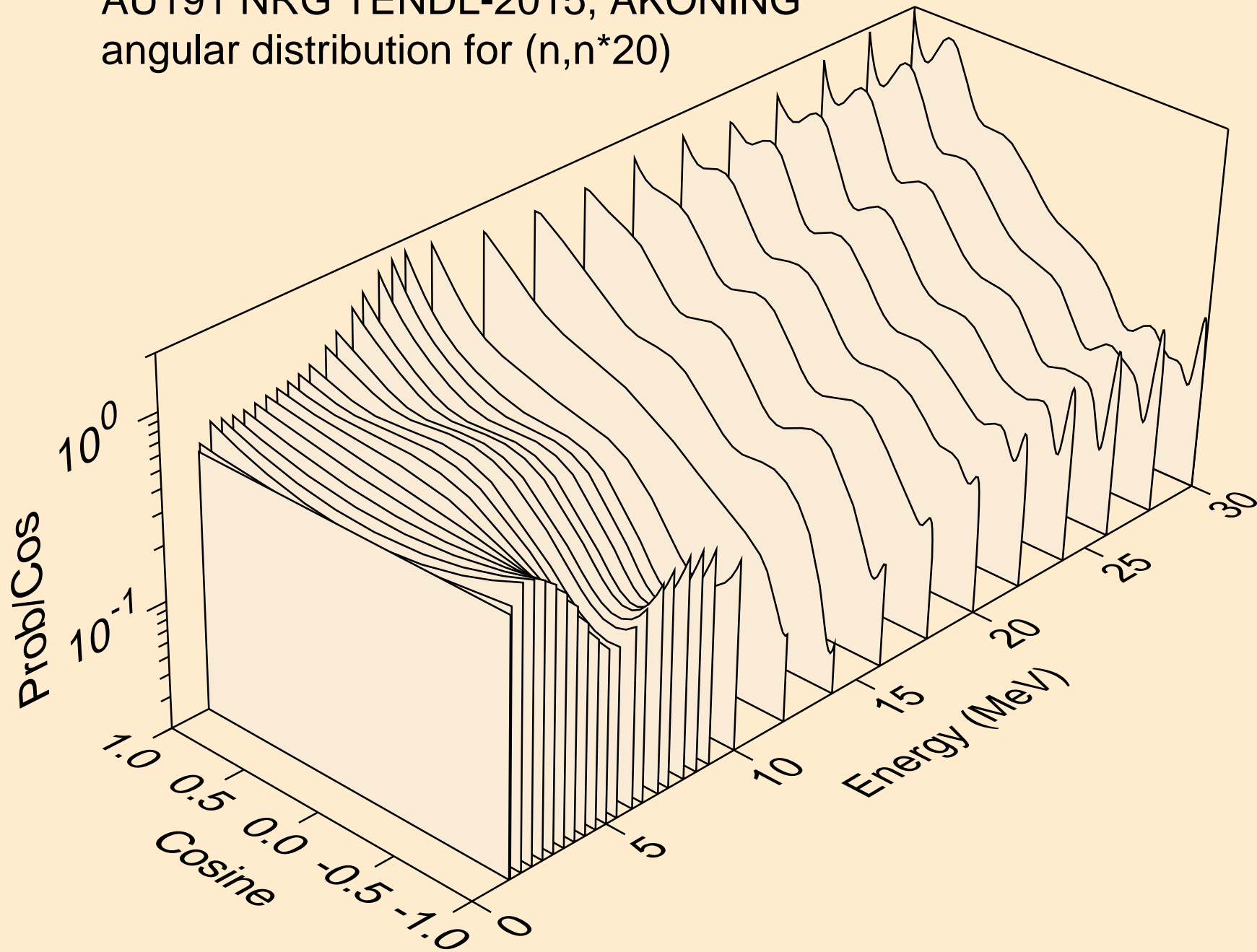
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



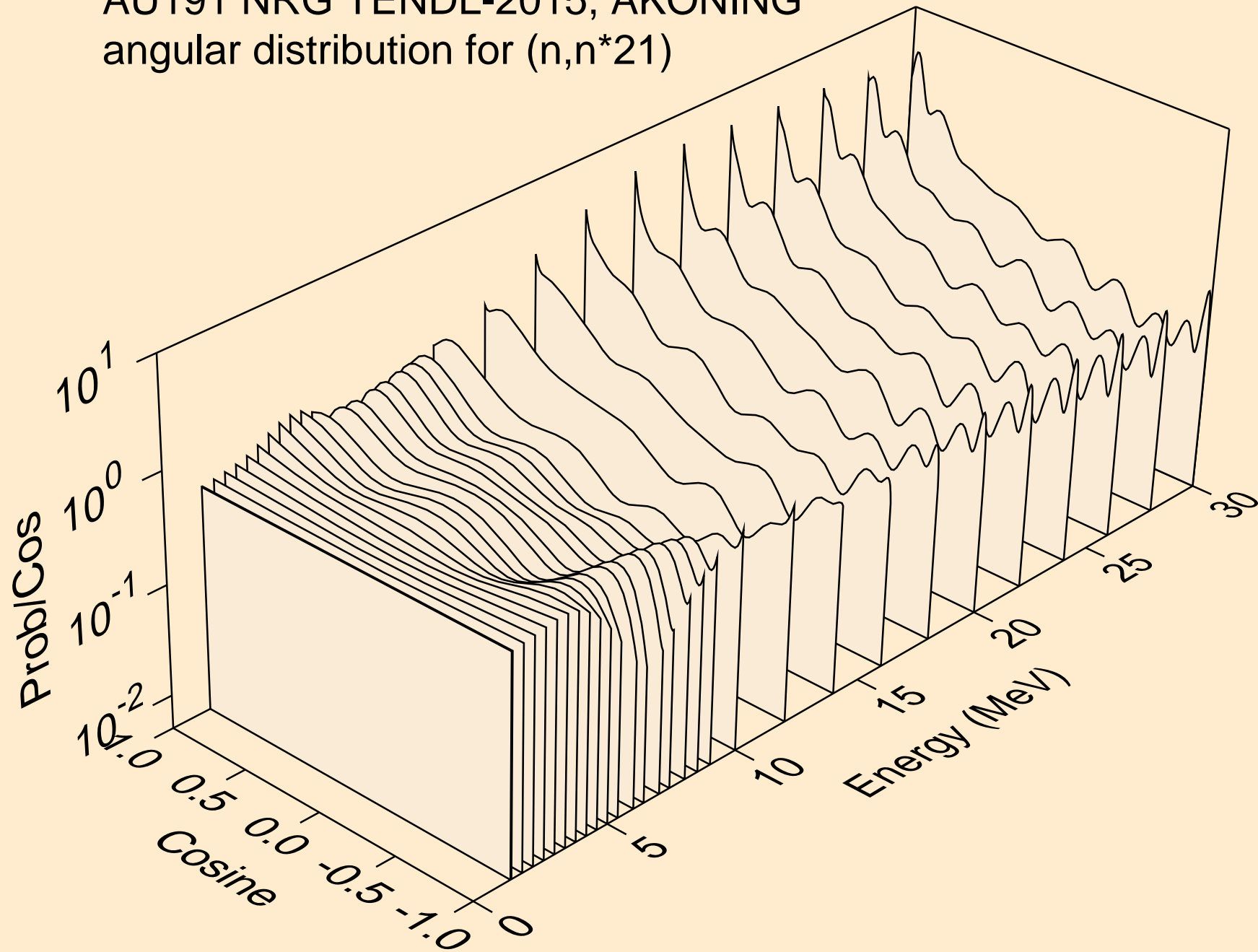
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



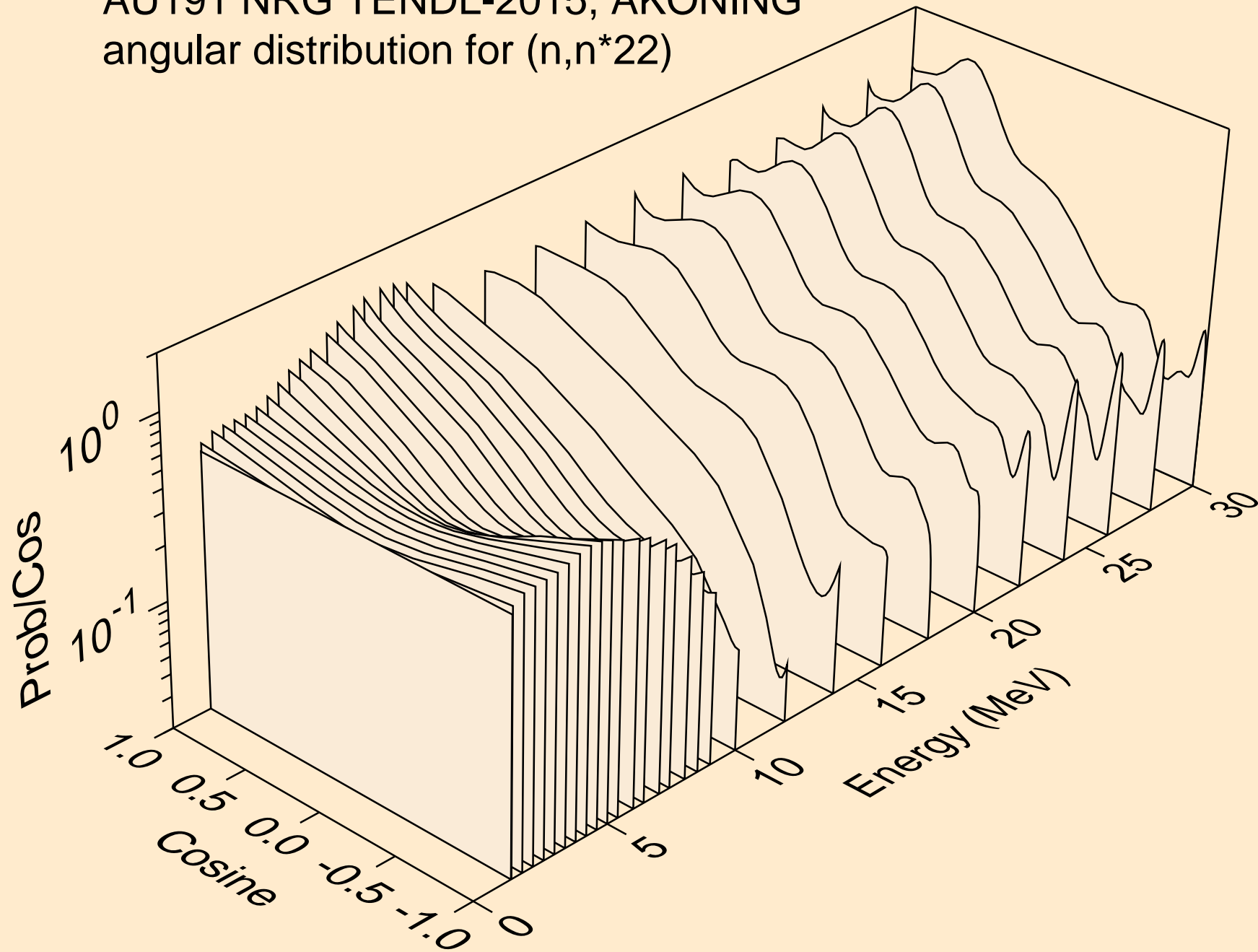
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

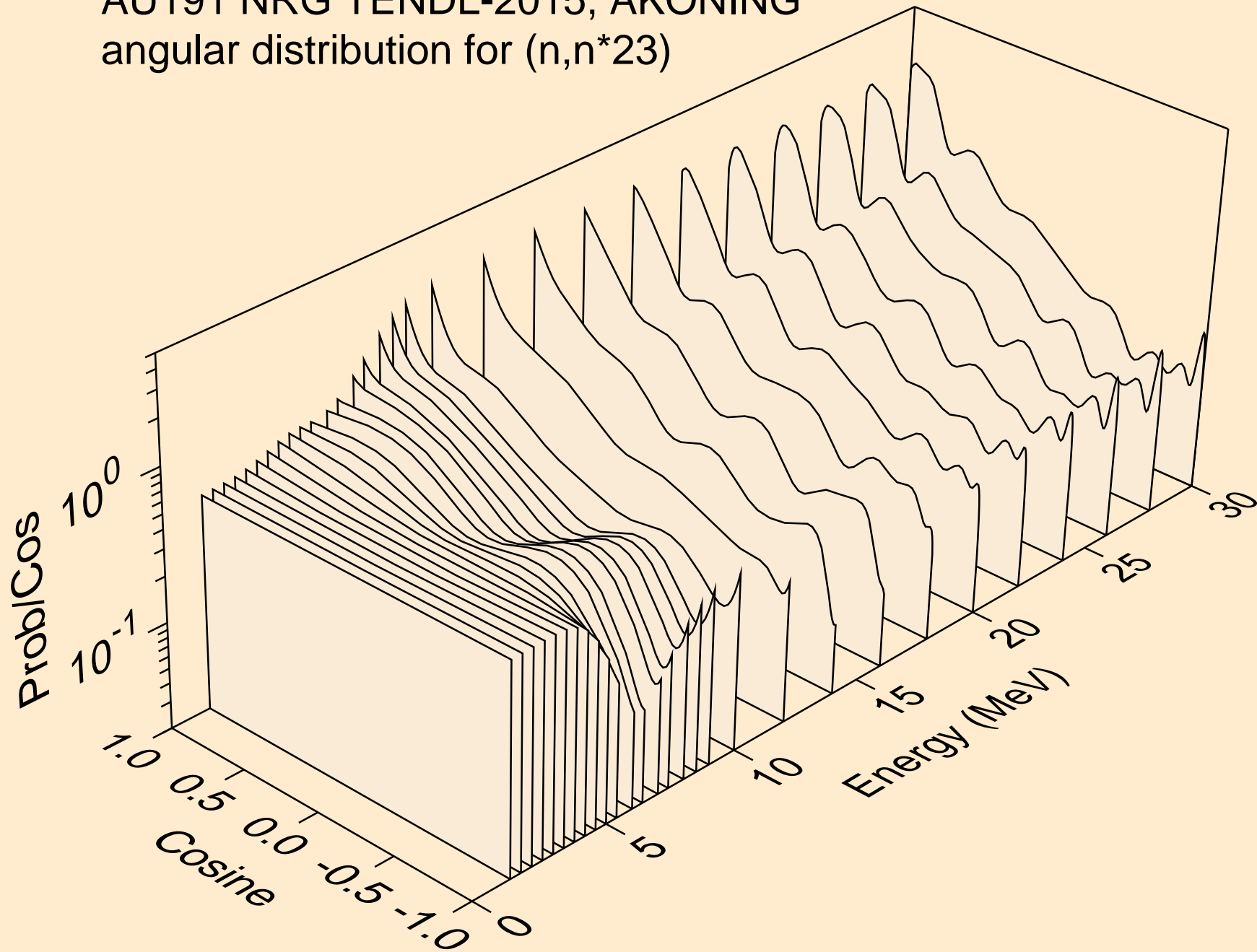


AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

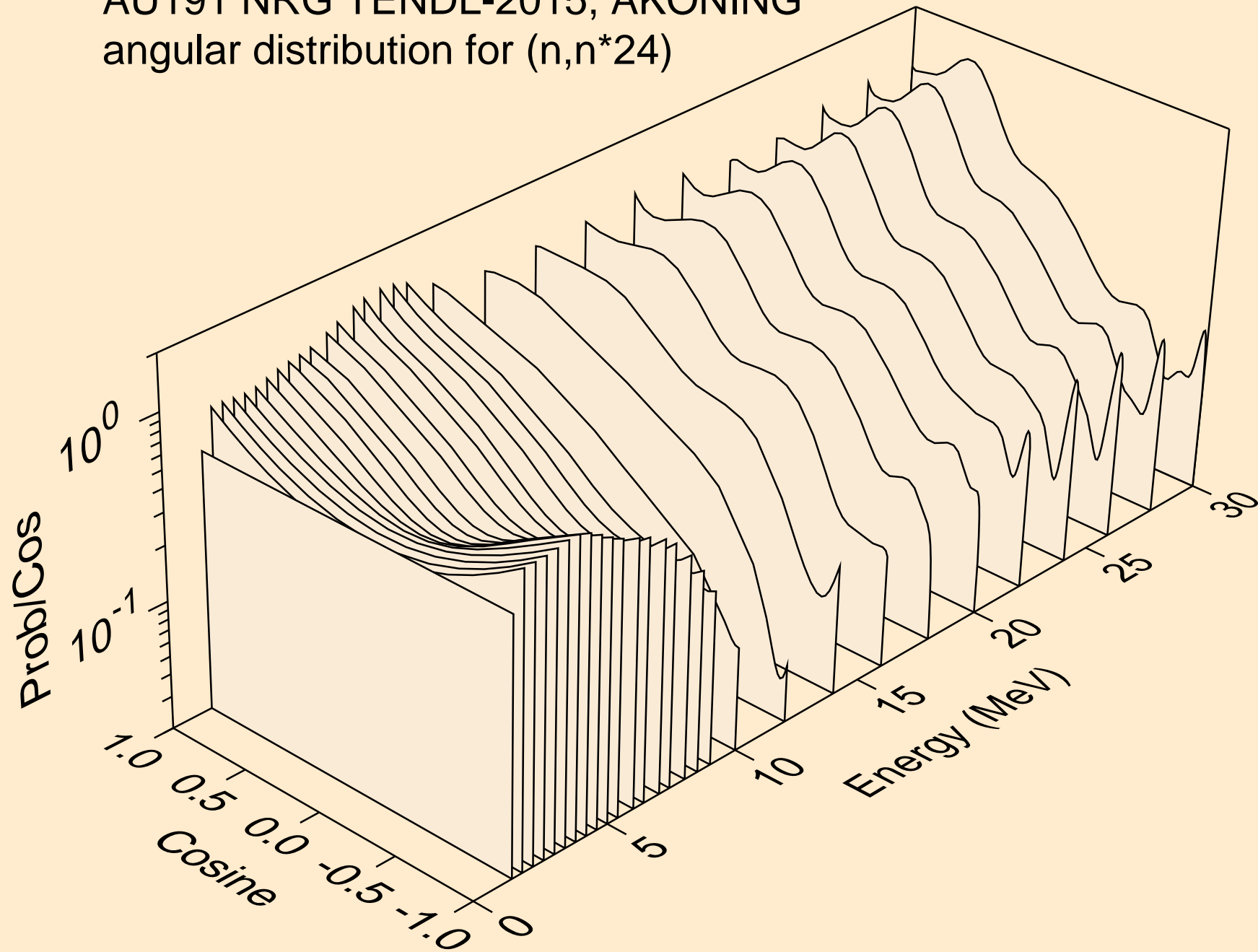




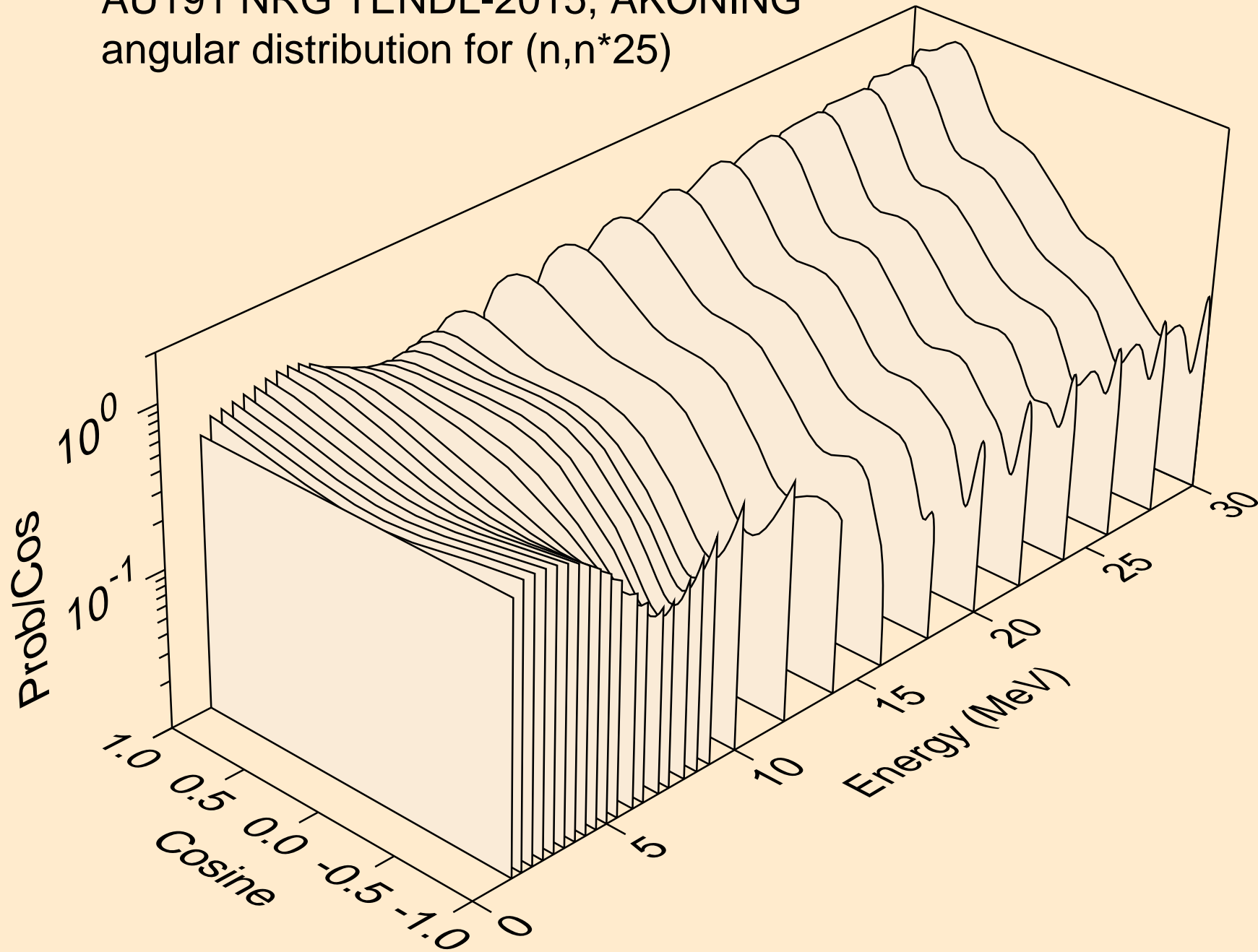
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



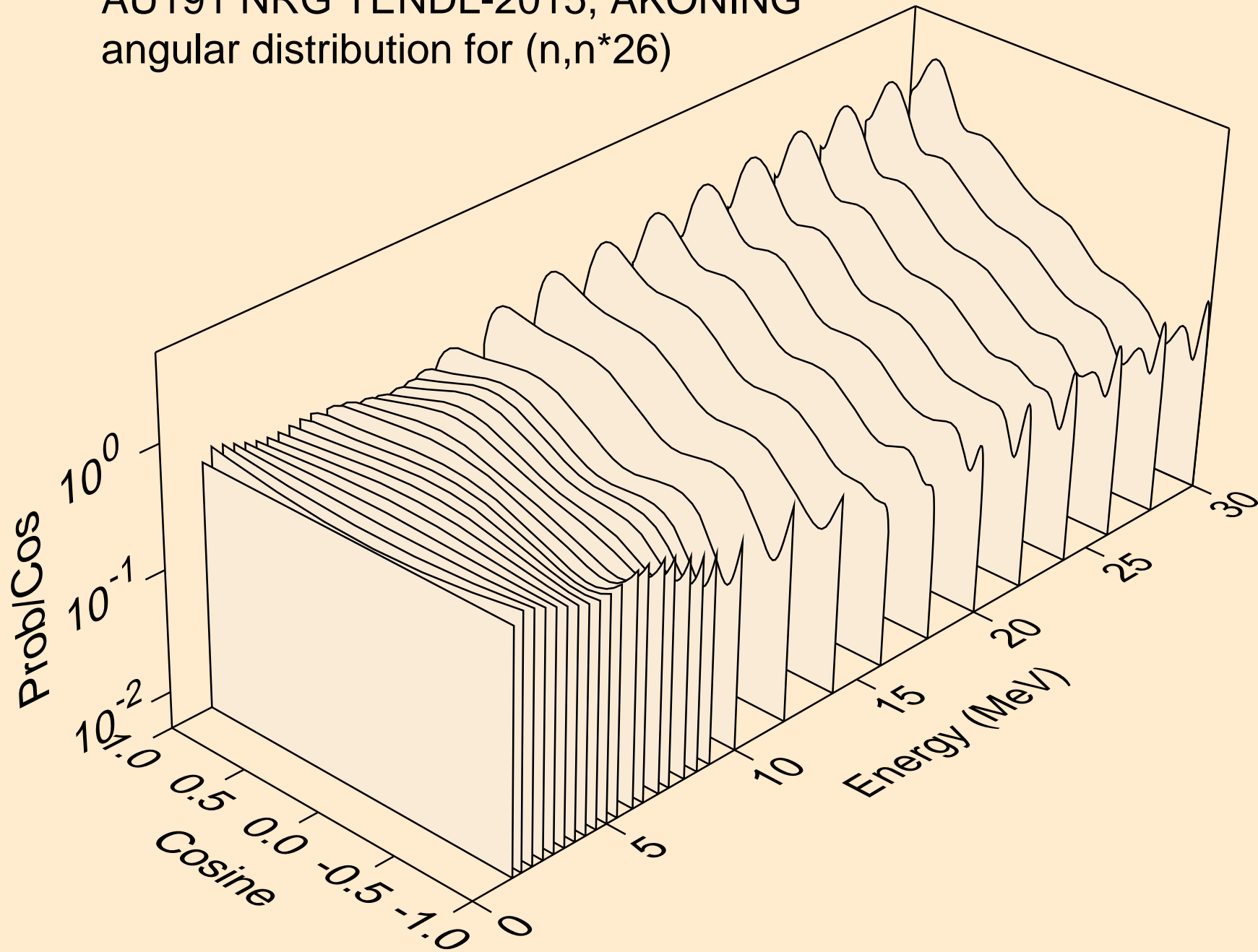
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



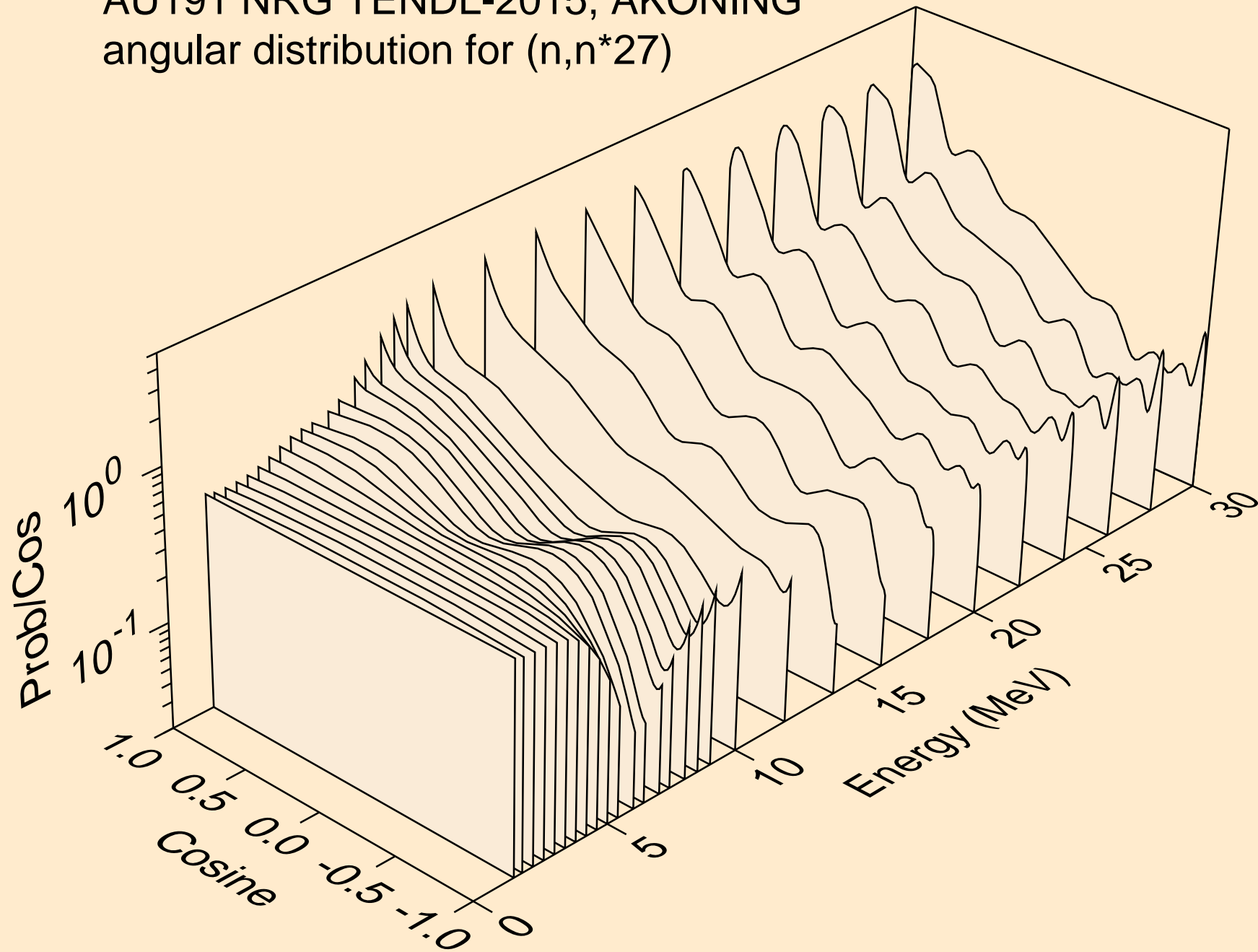
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



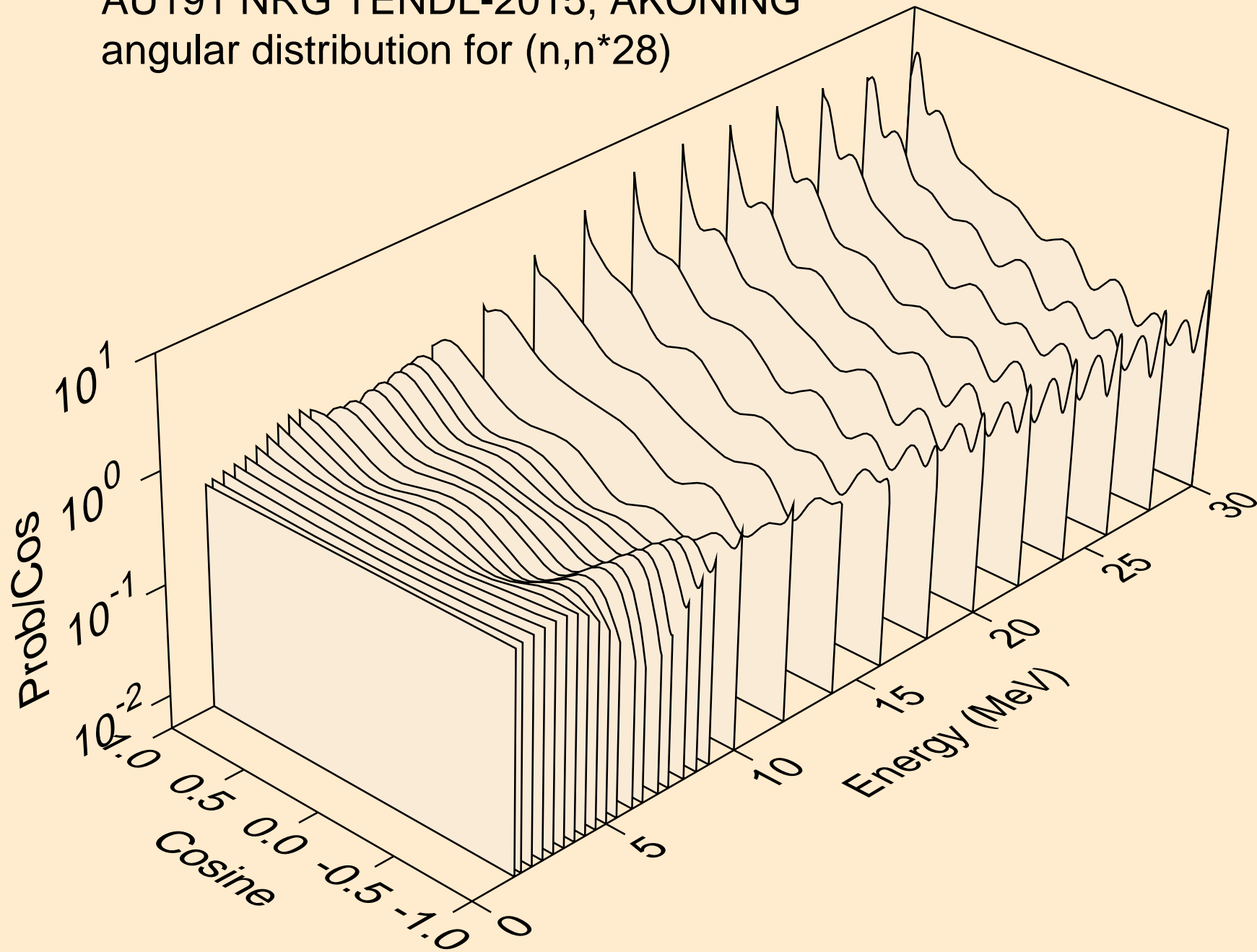
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angular distribution for (n,n\*26)



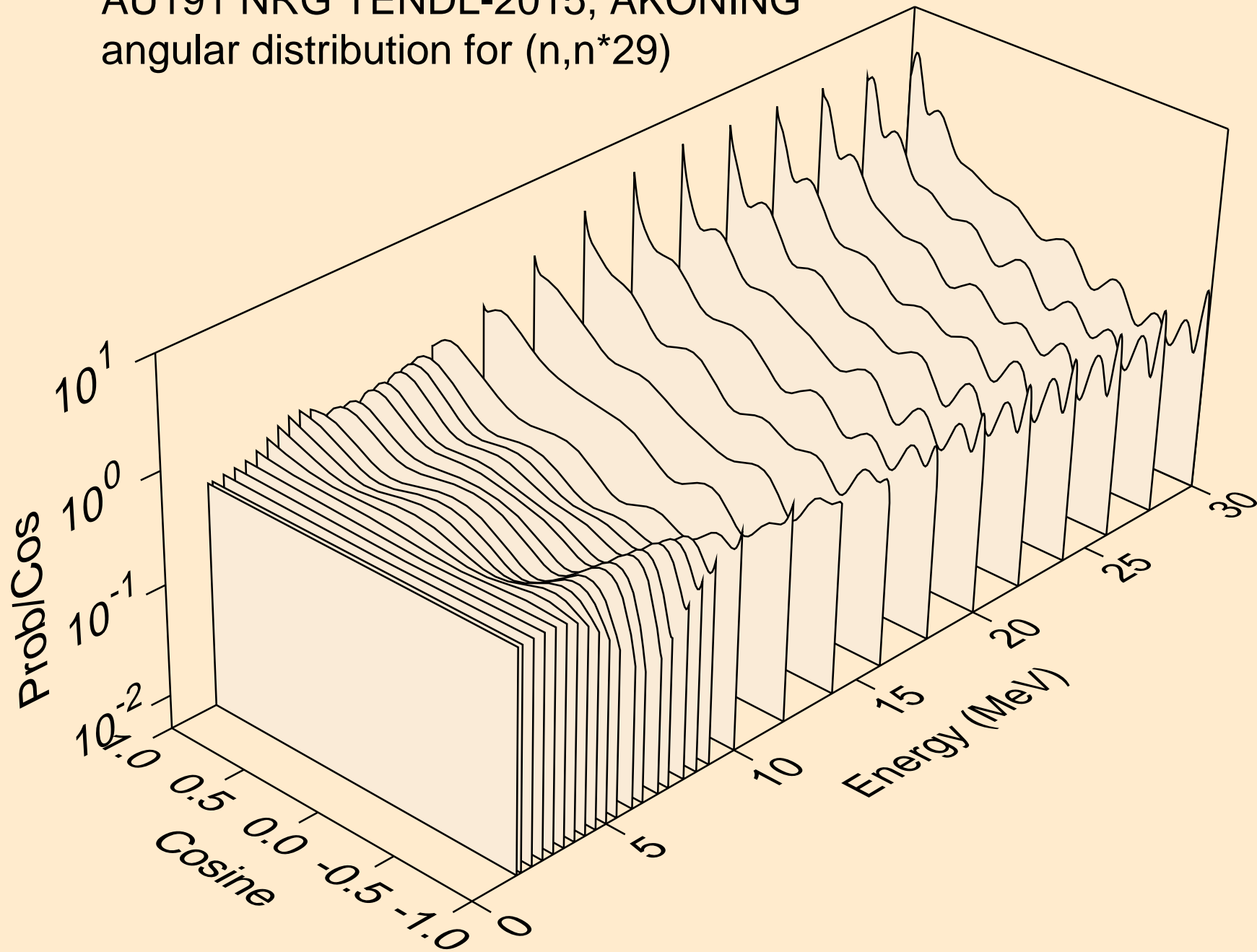
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



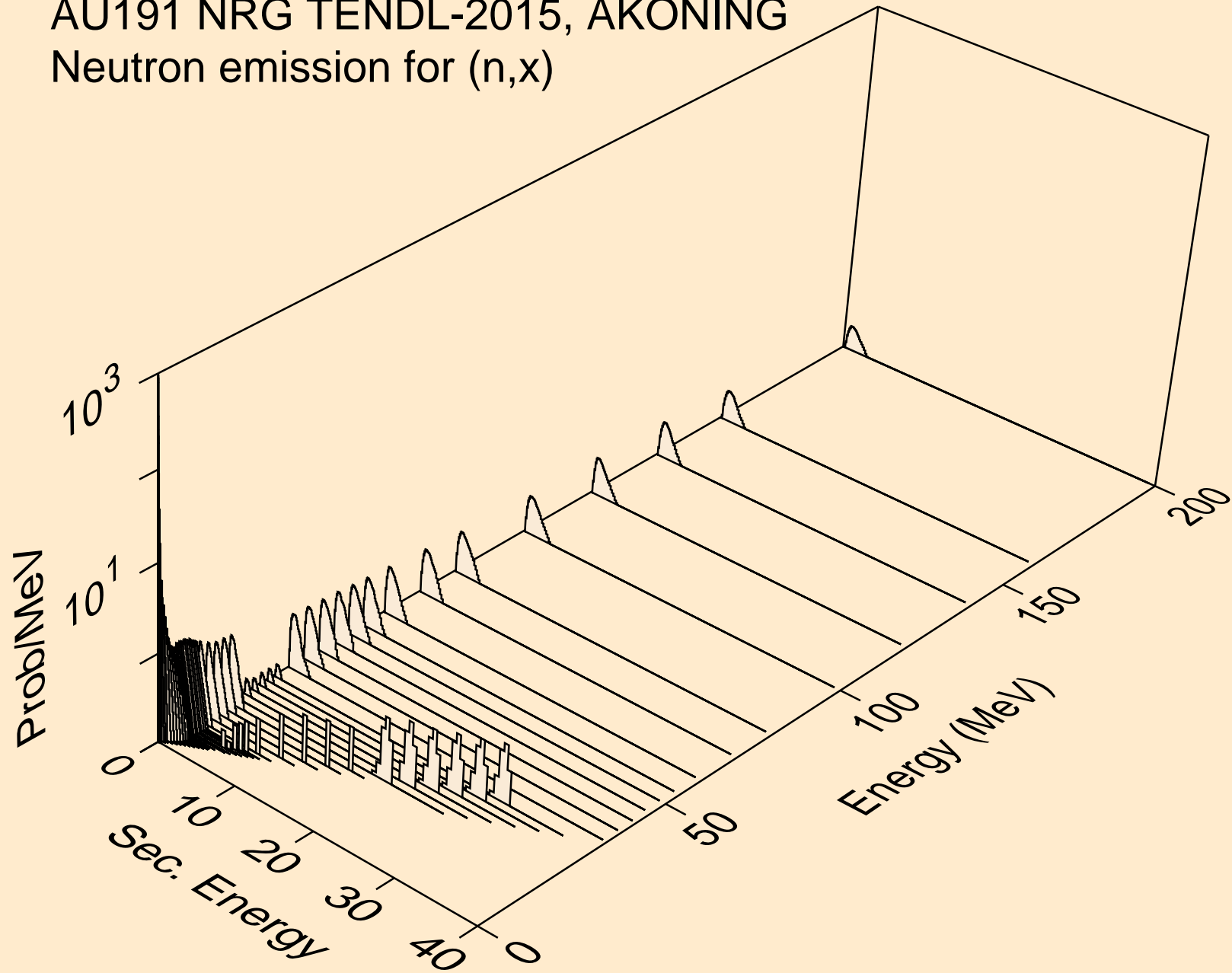
AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AU191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

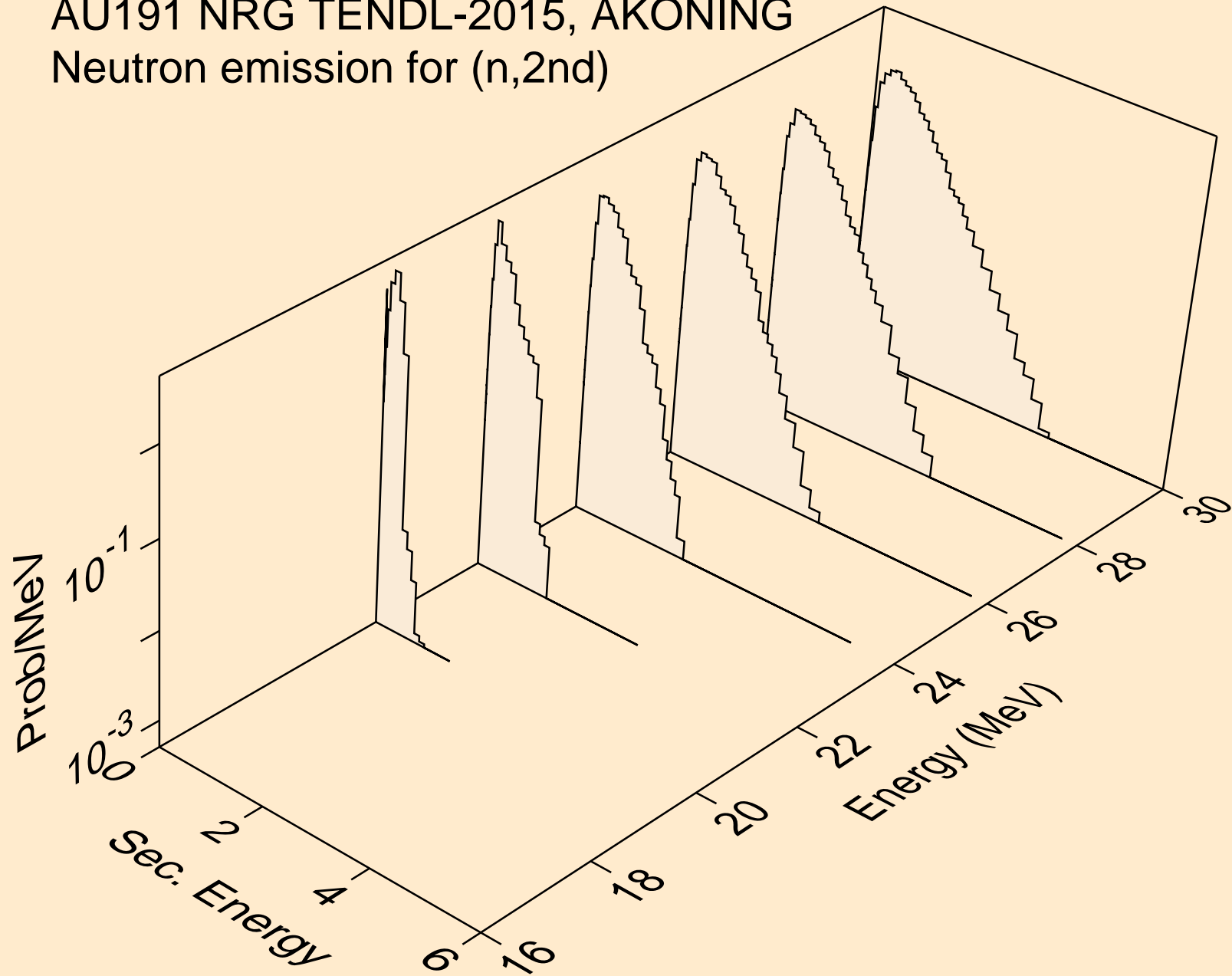


AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

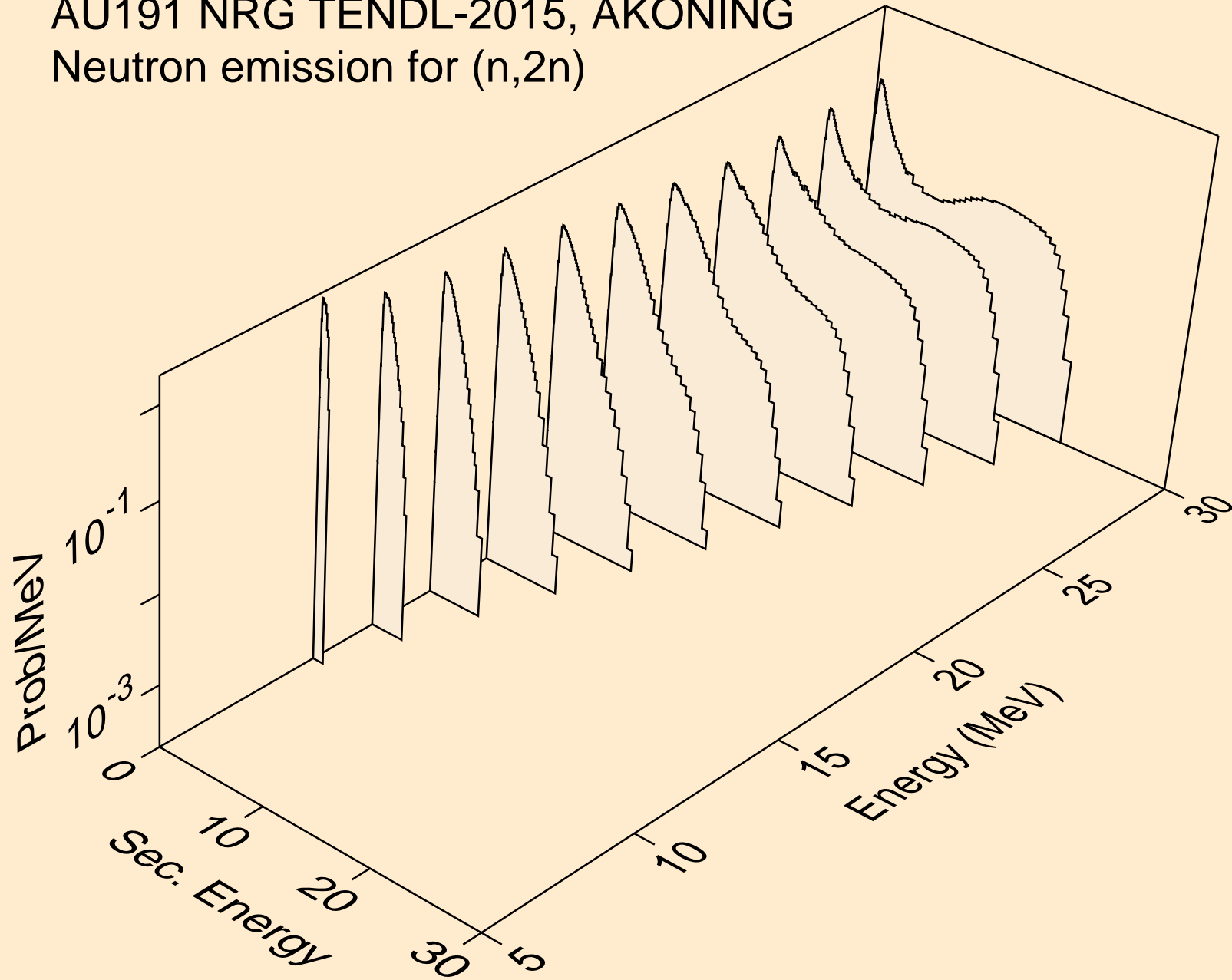




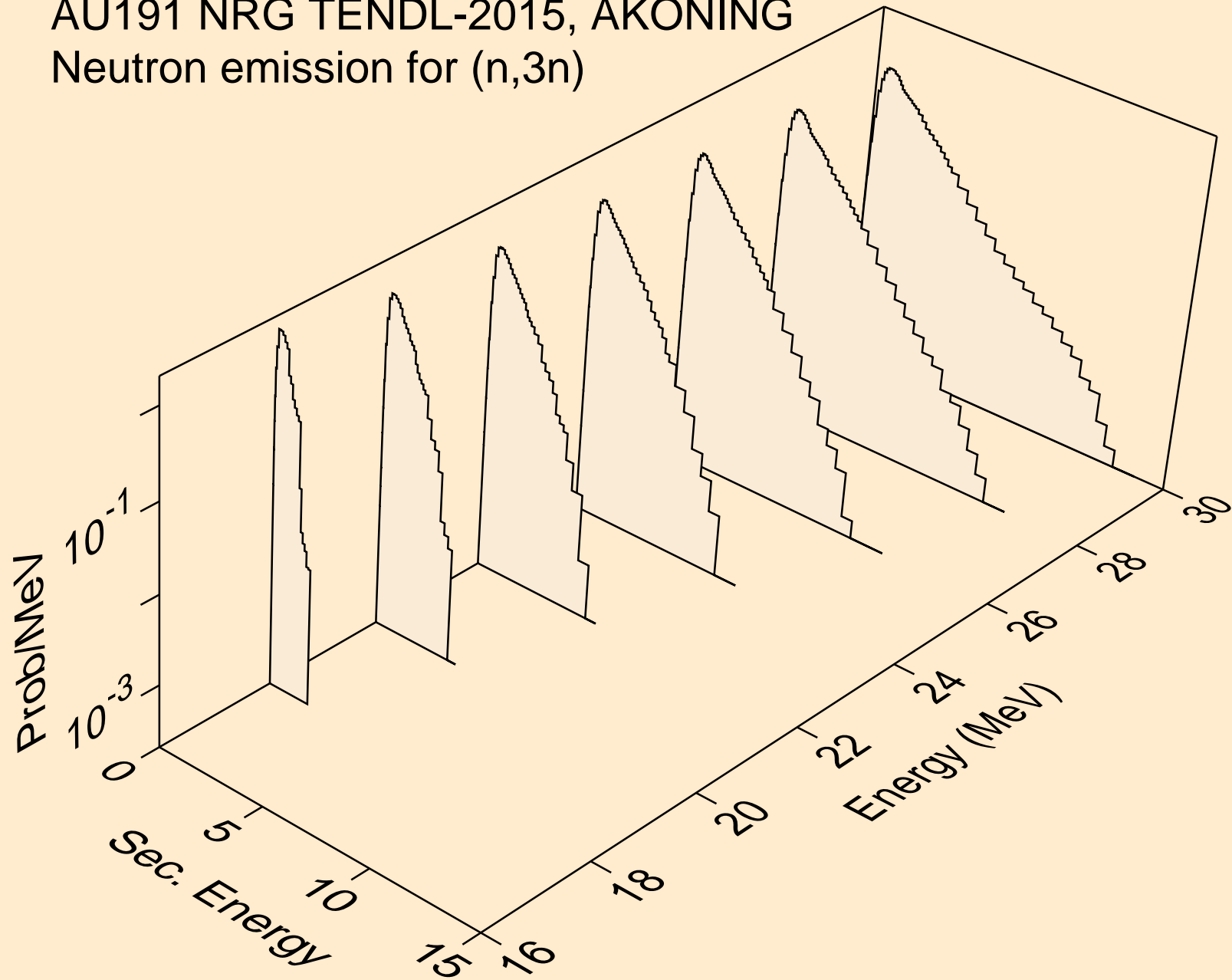
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



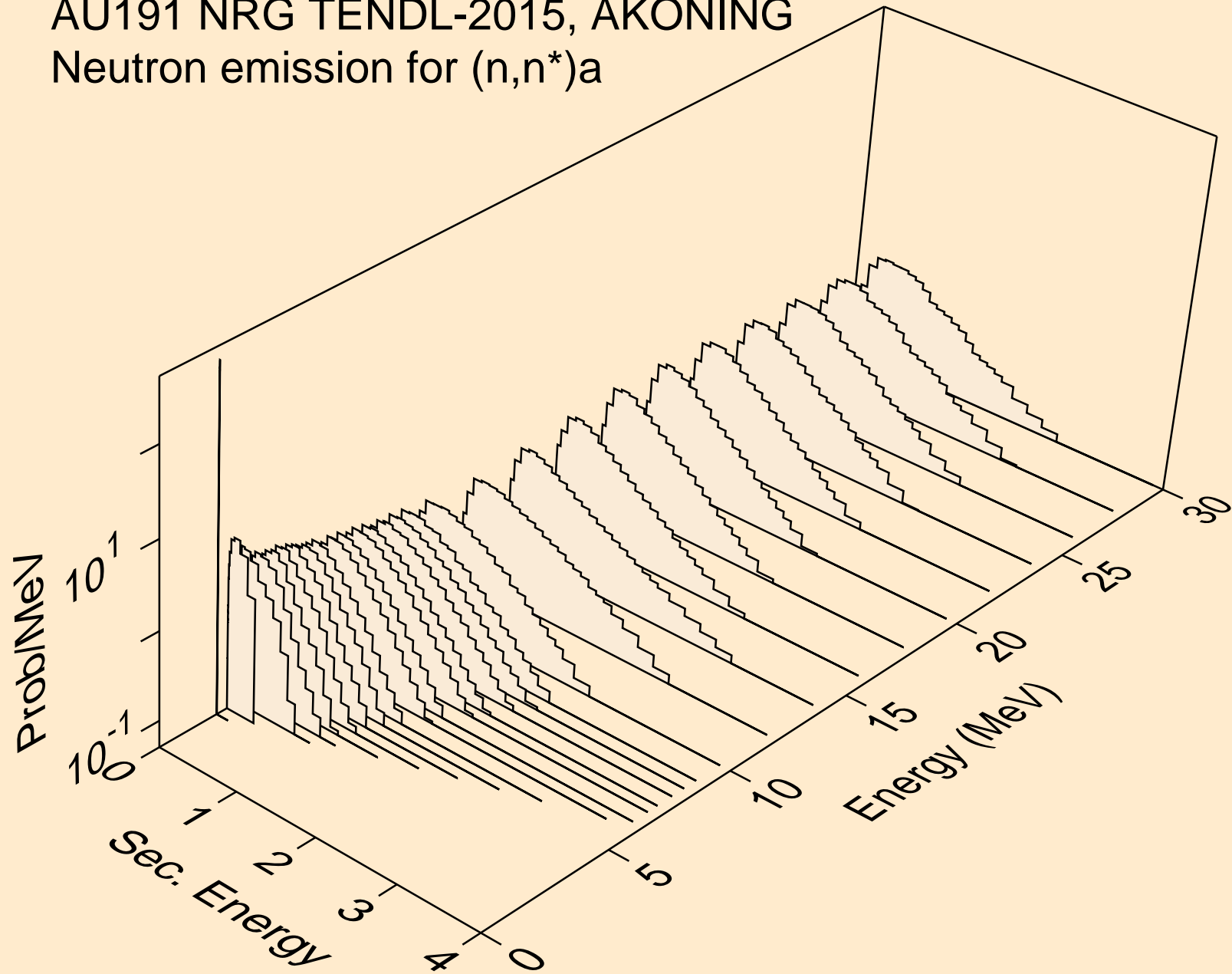
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



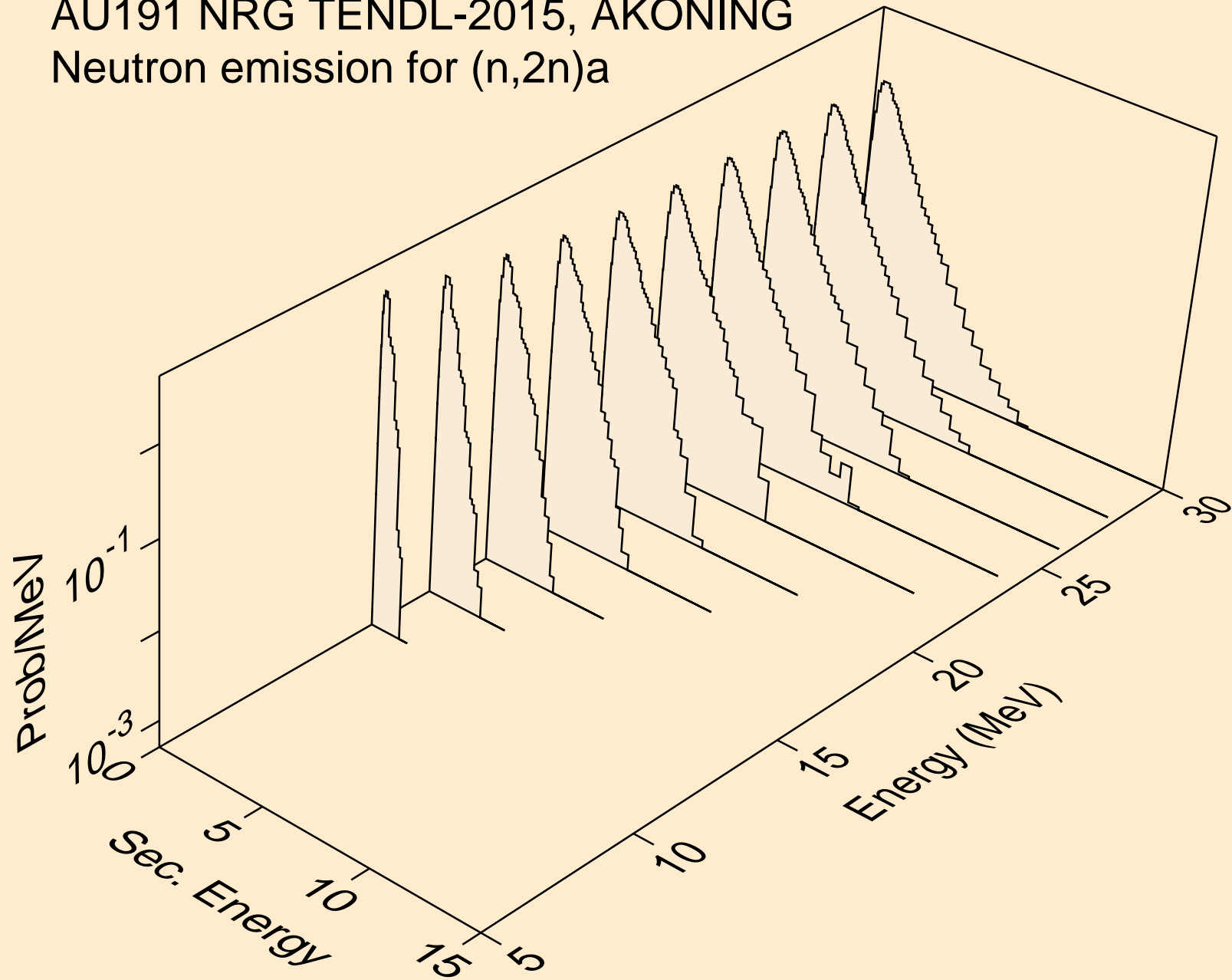
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



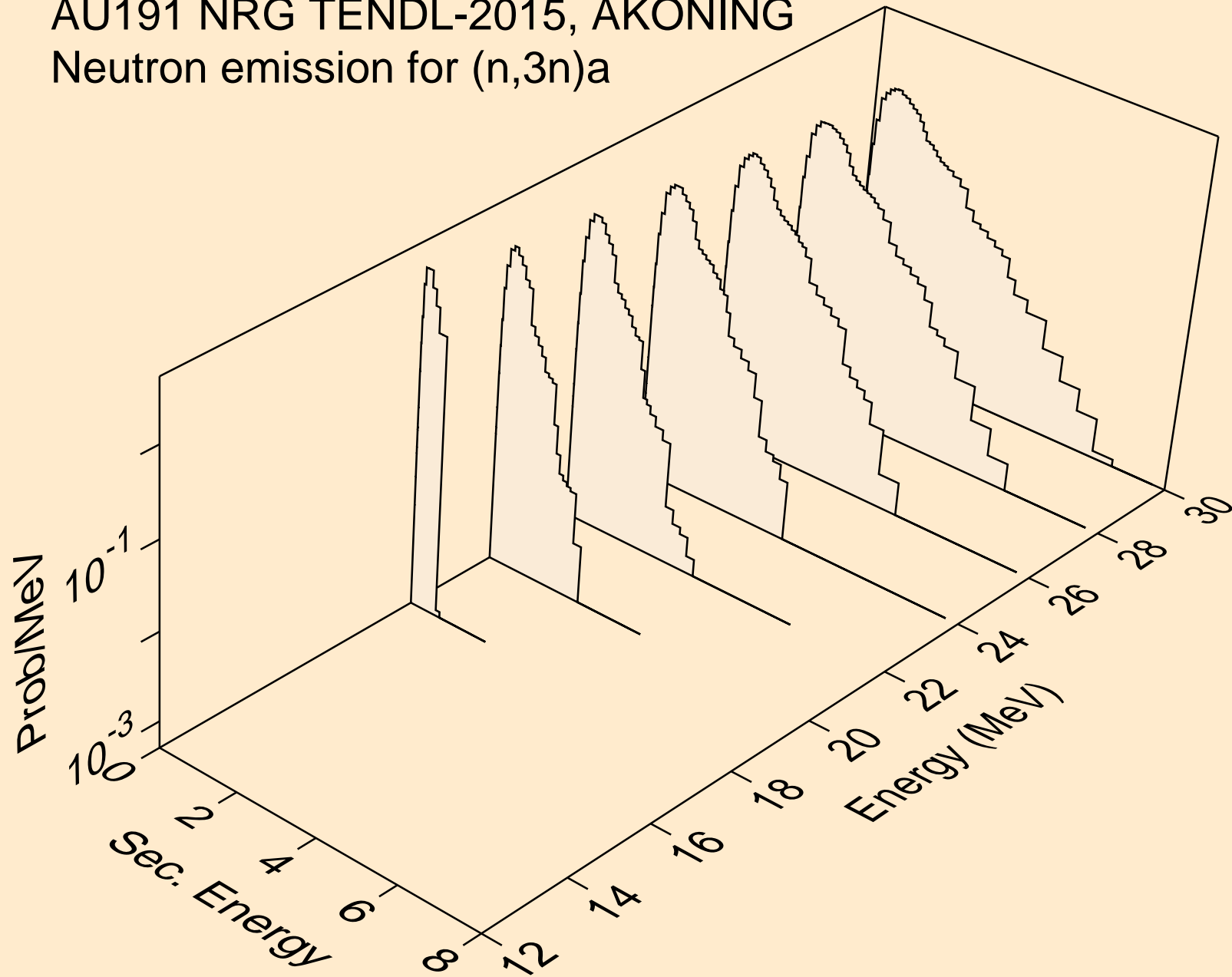
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



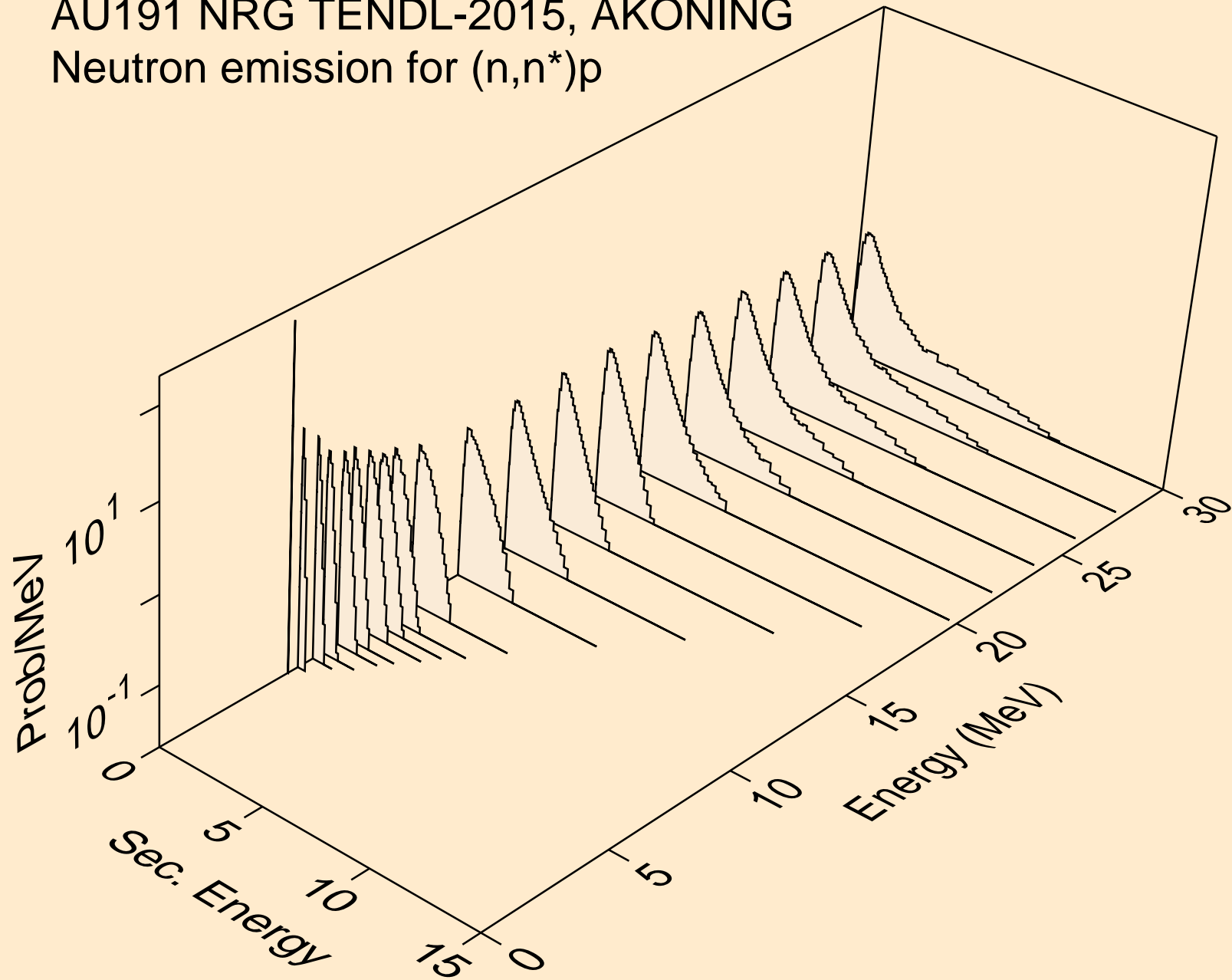
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



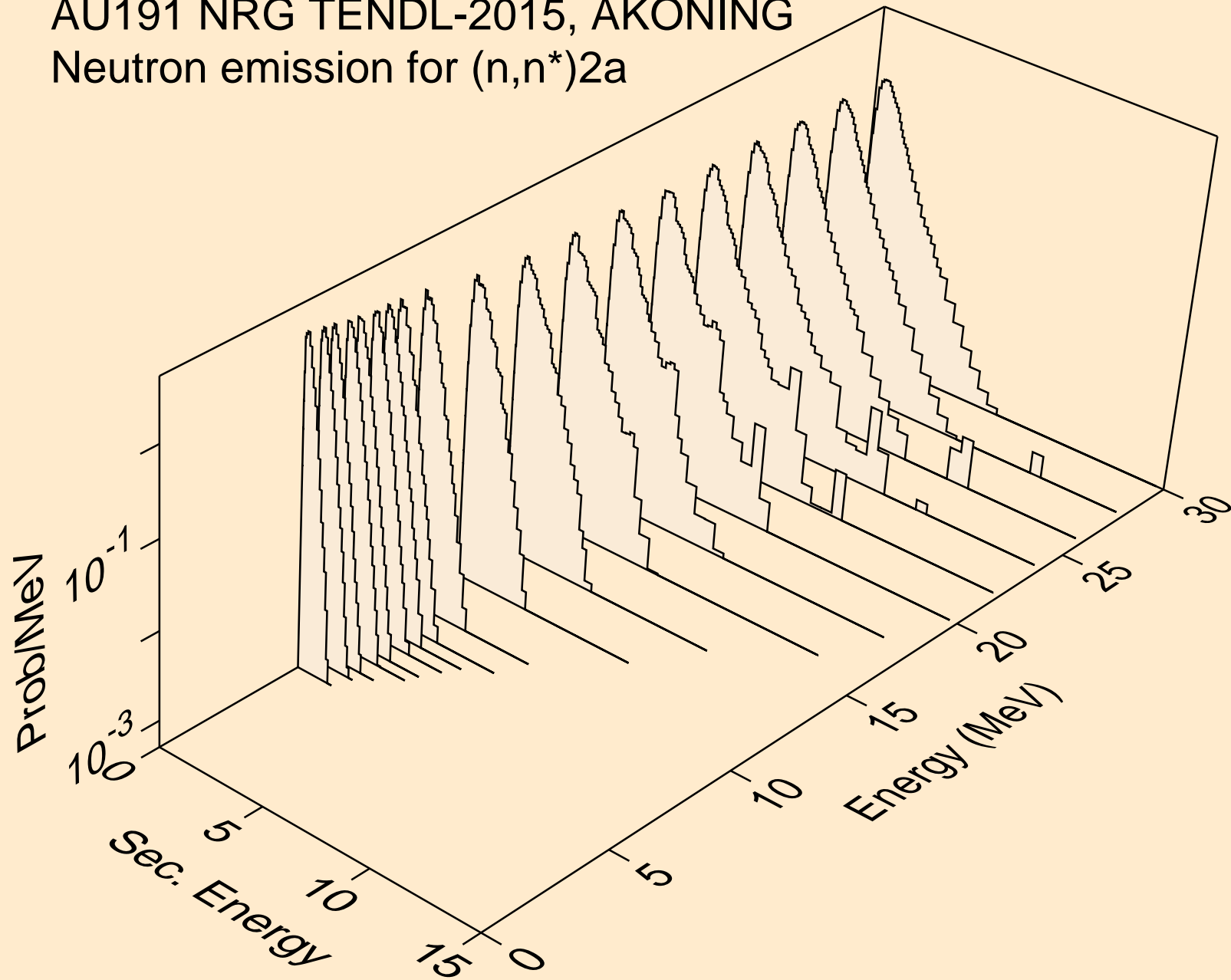
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

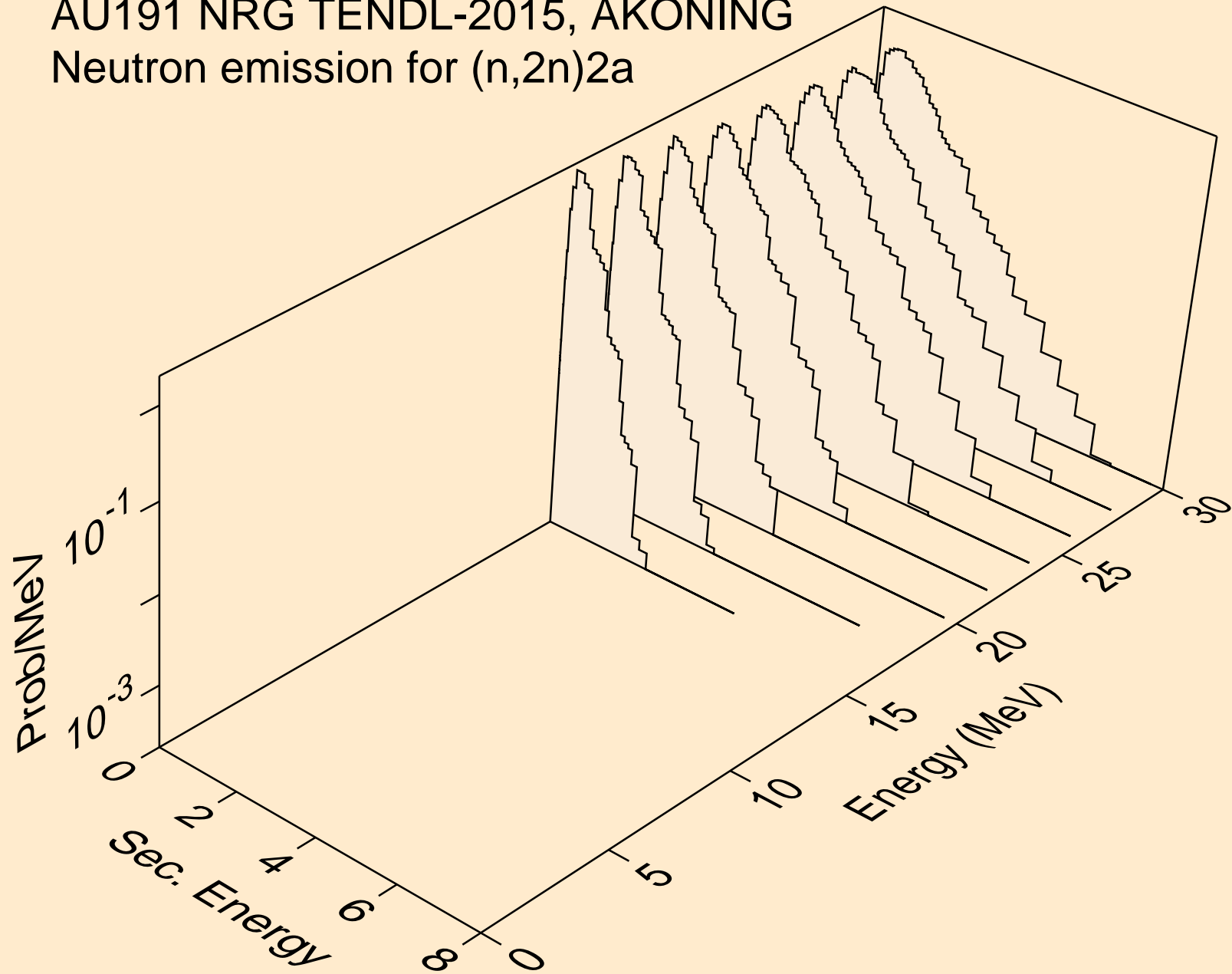


AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

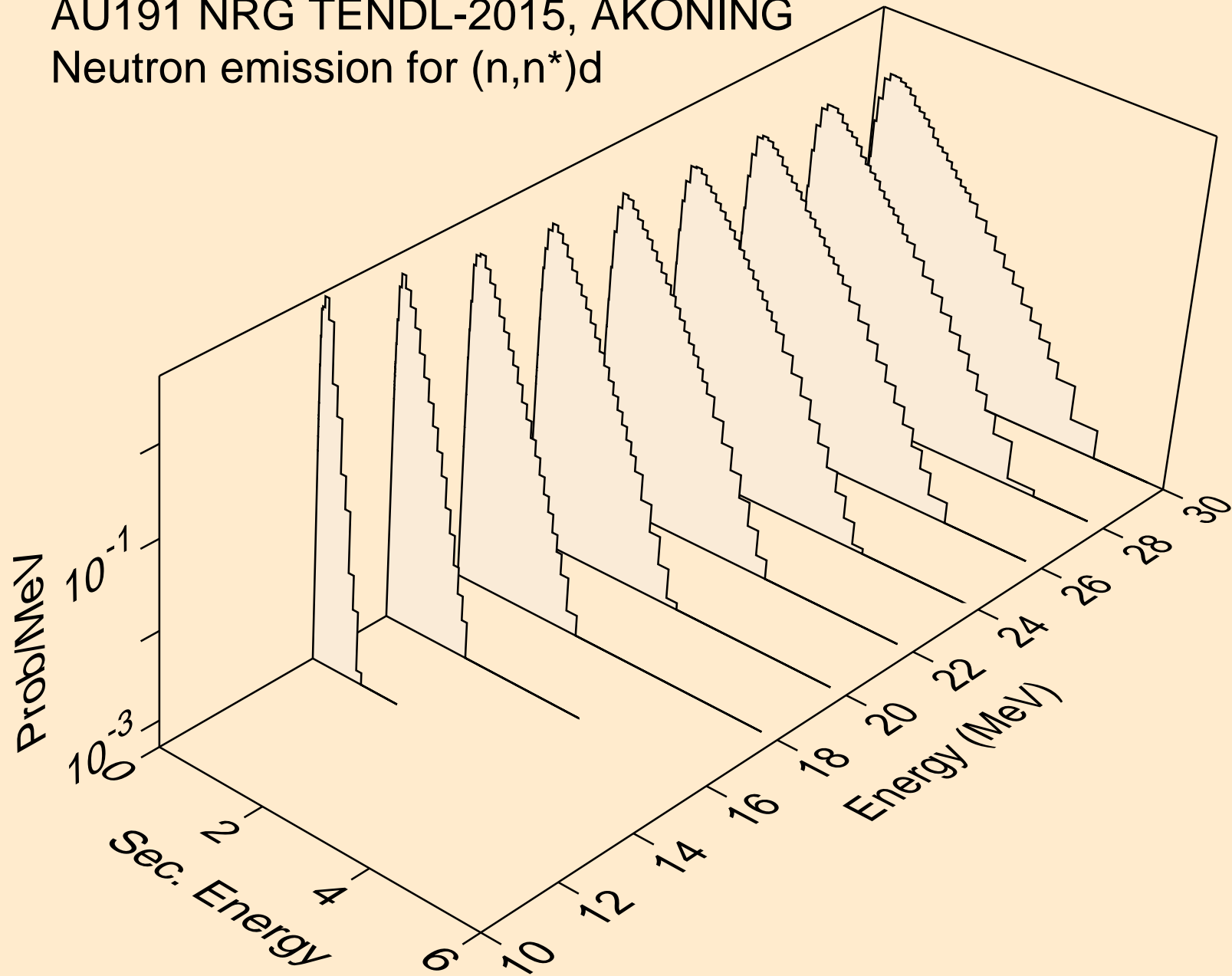




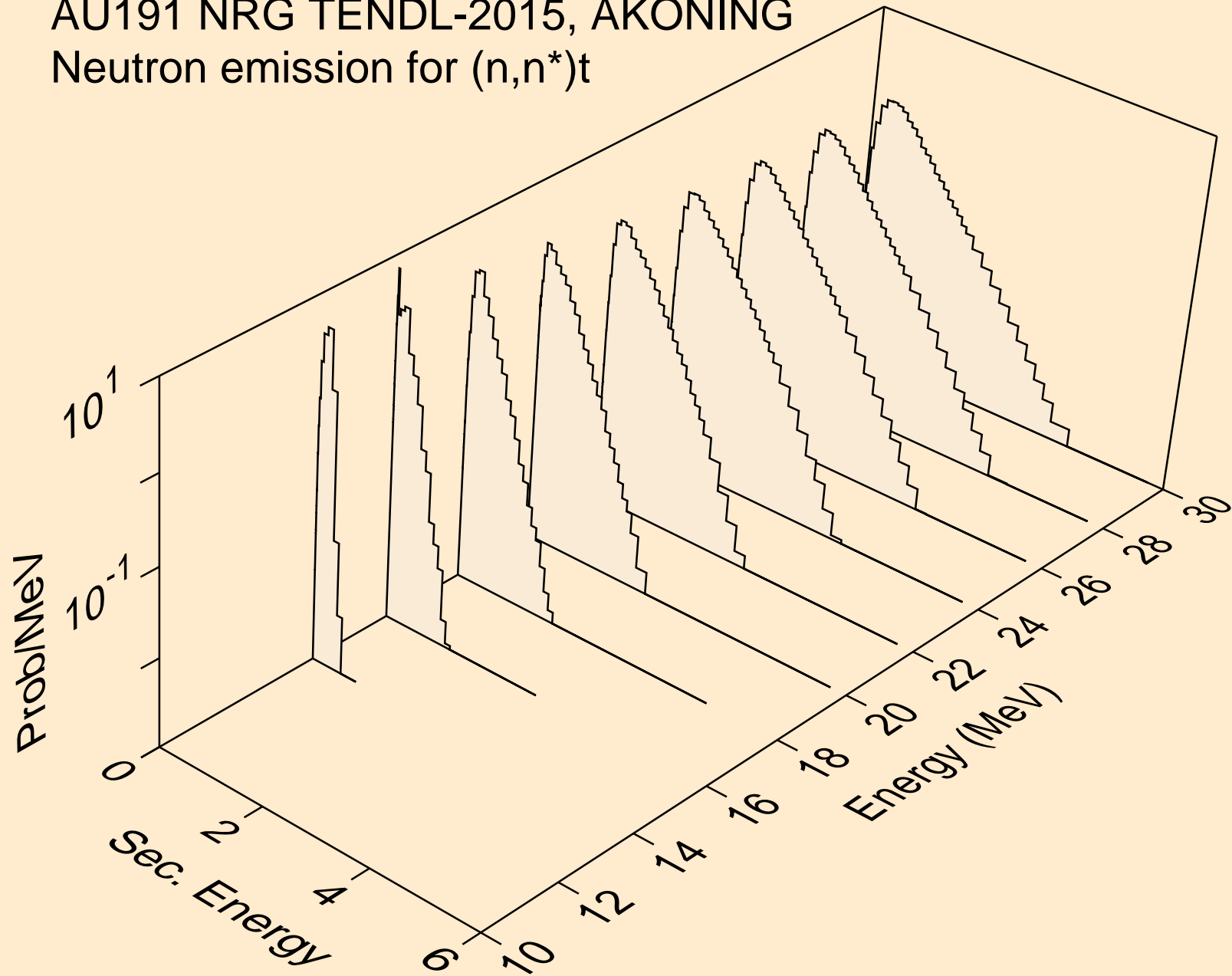
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



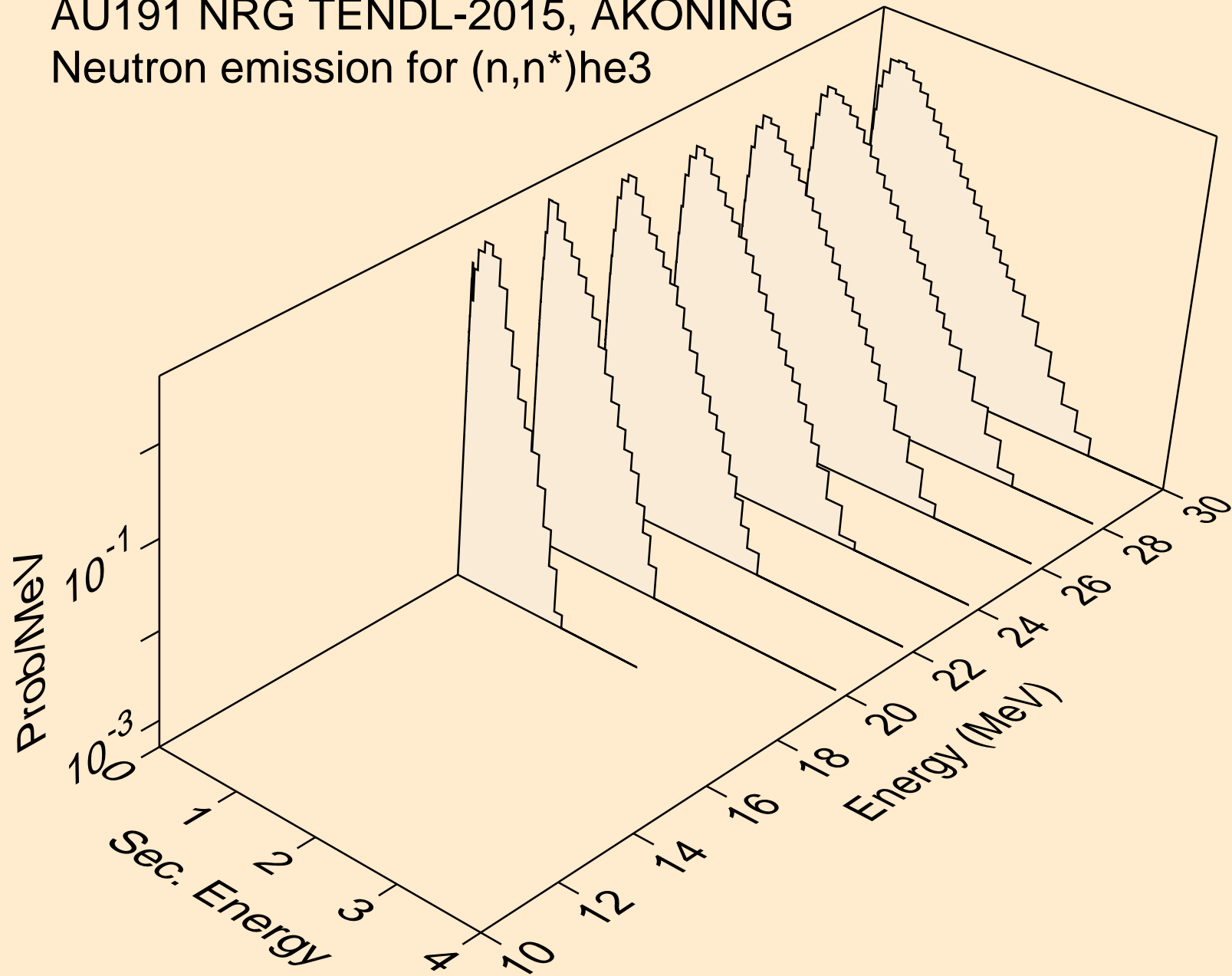
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



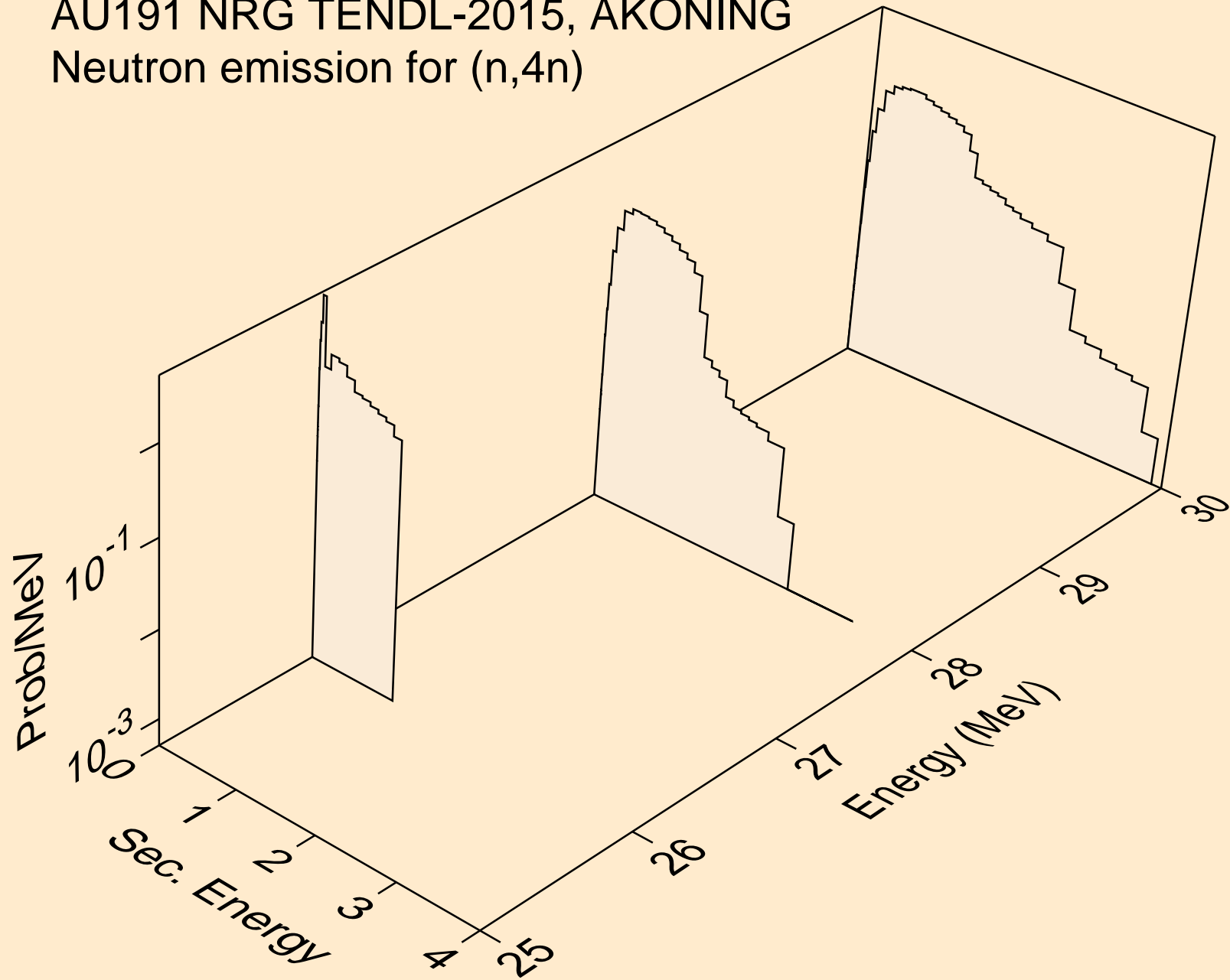
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



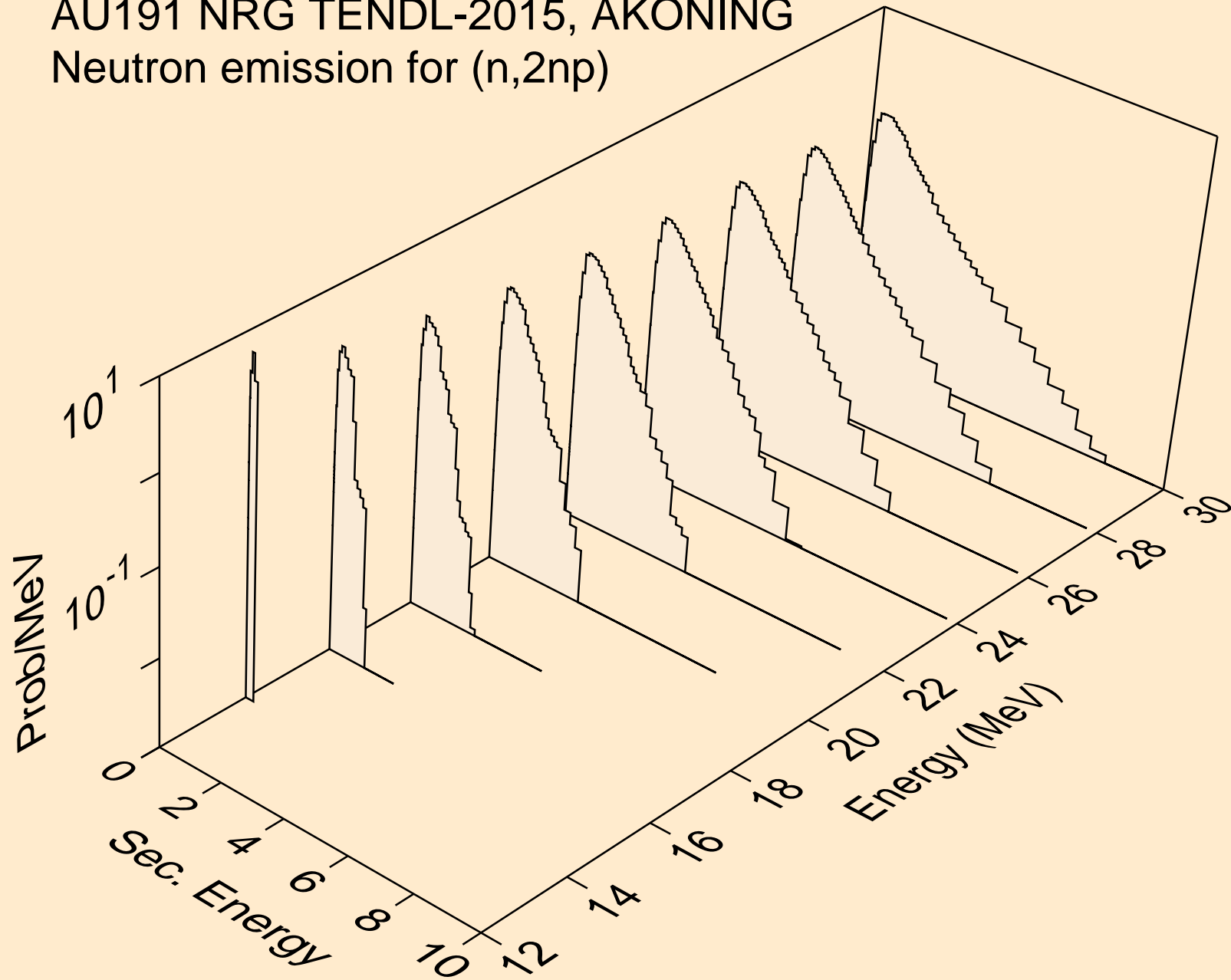
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



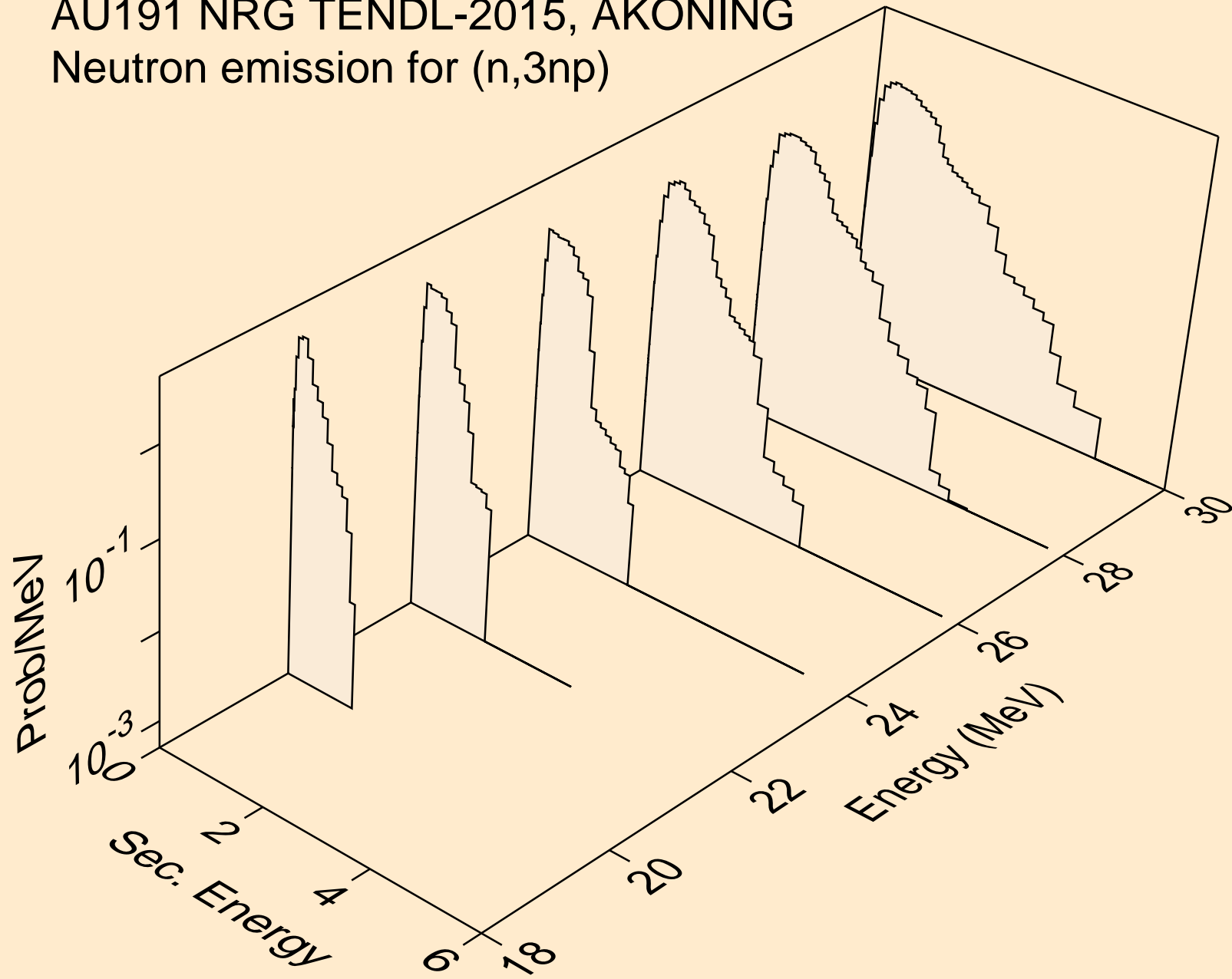
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



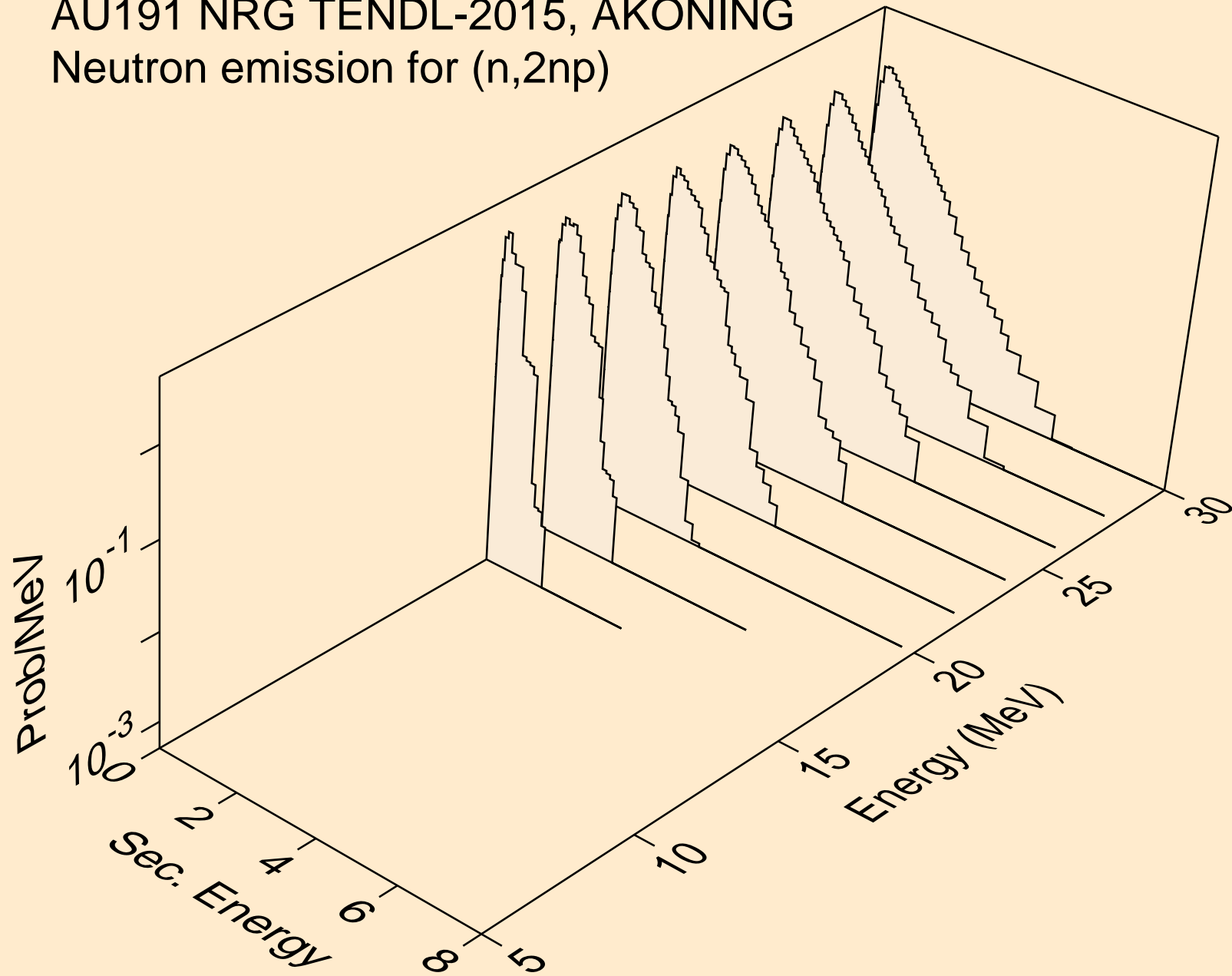
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

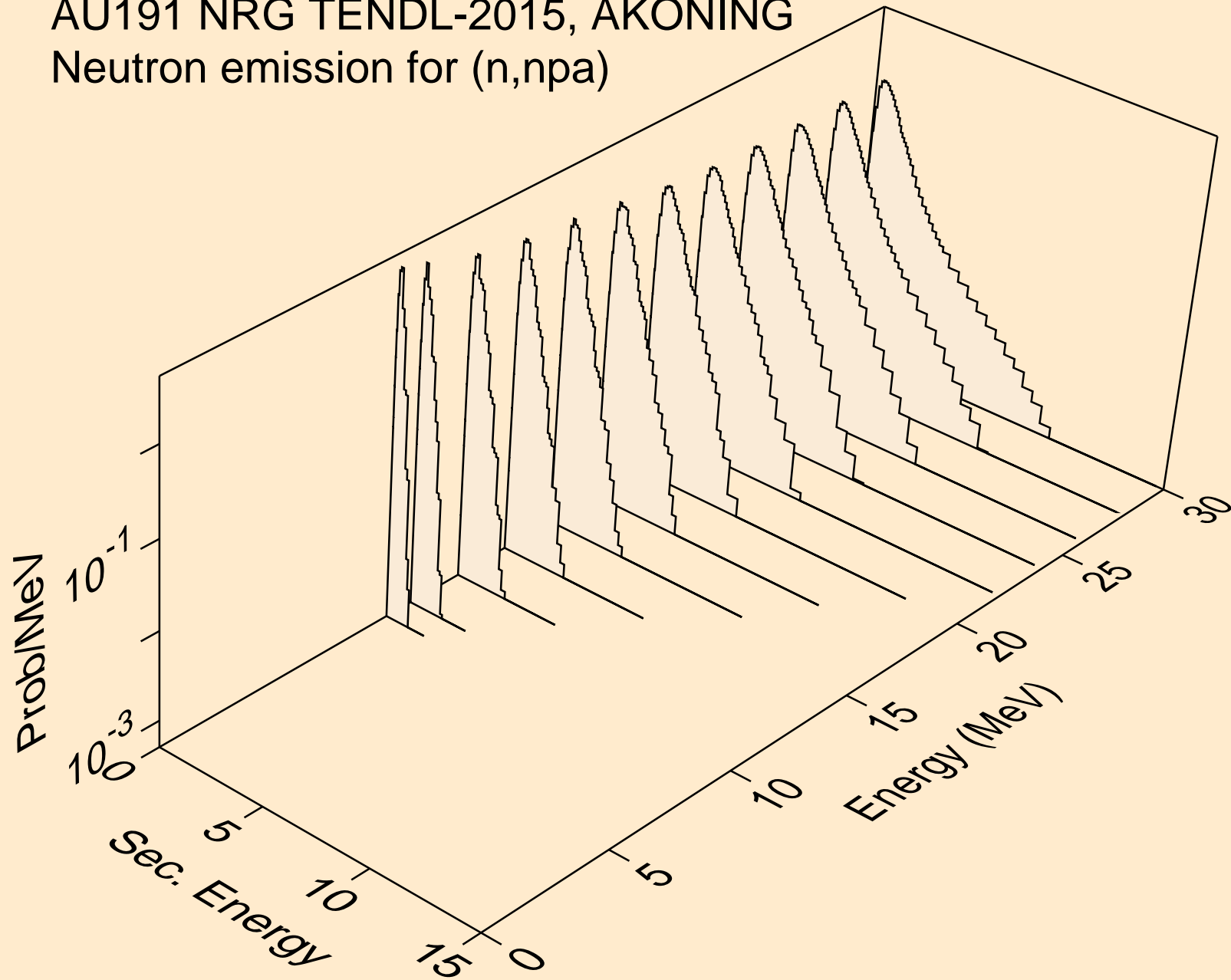


AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

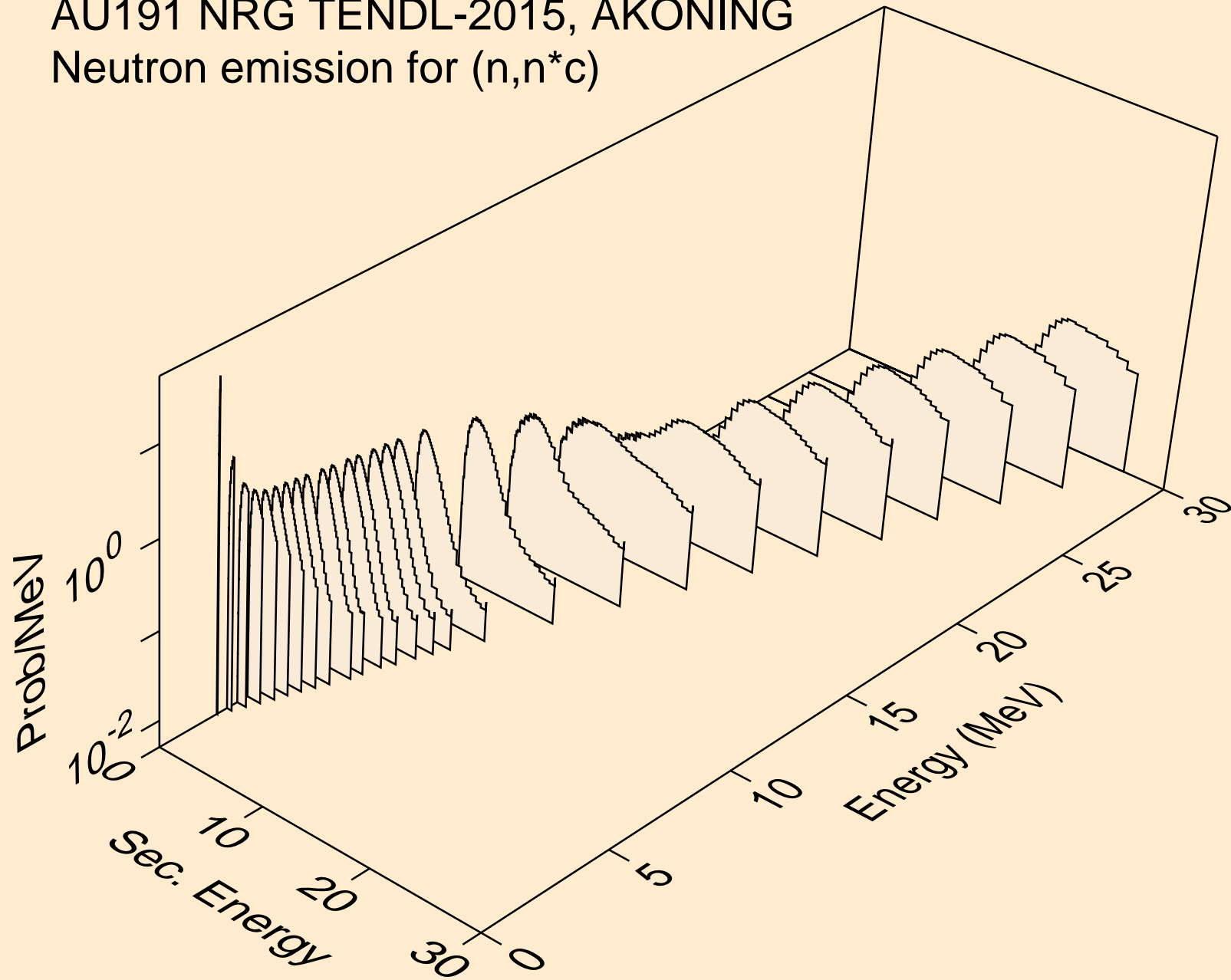




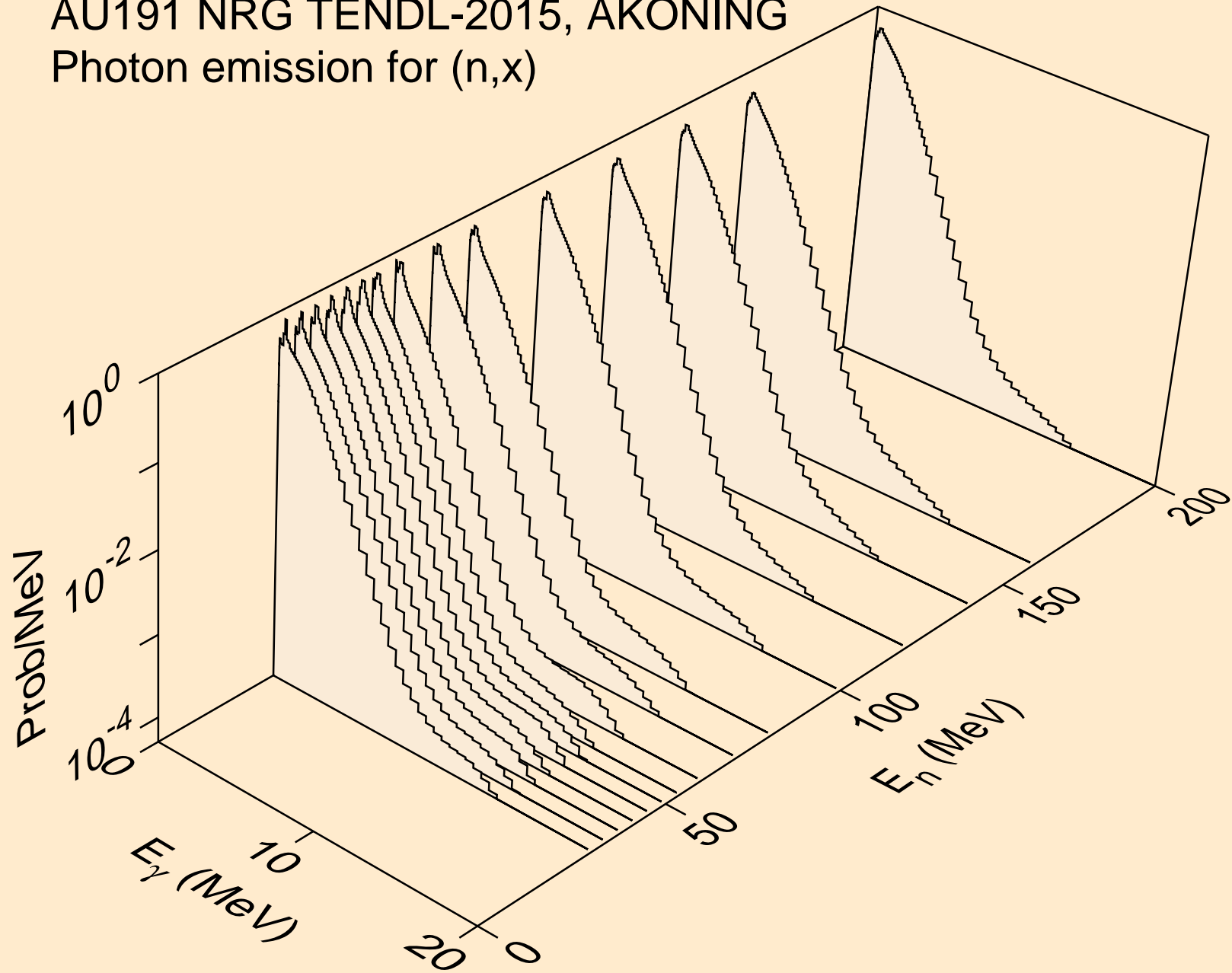
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



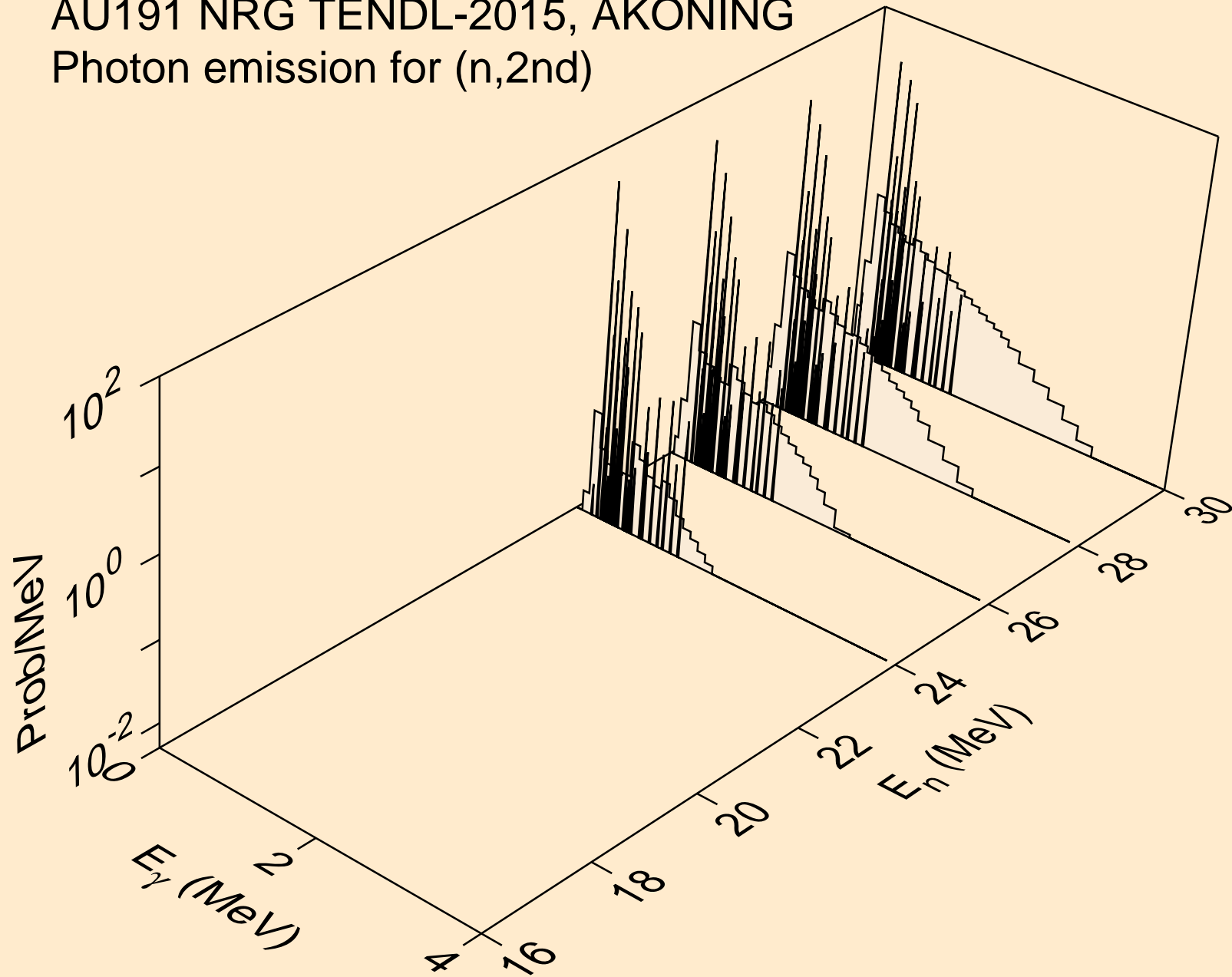
AU191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



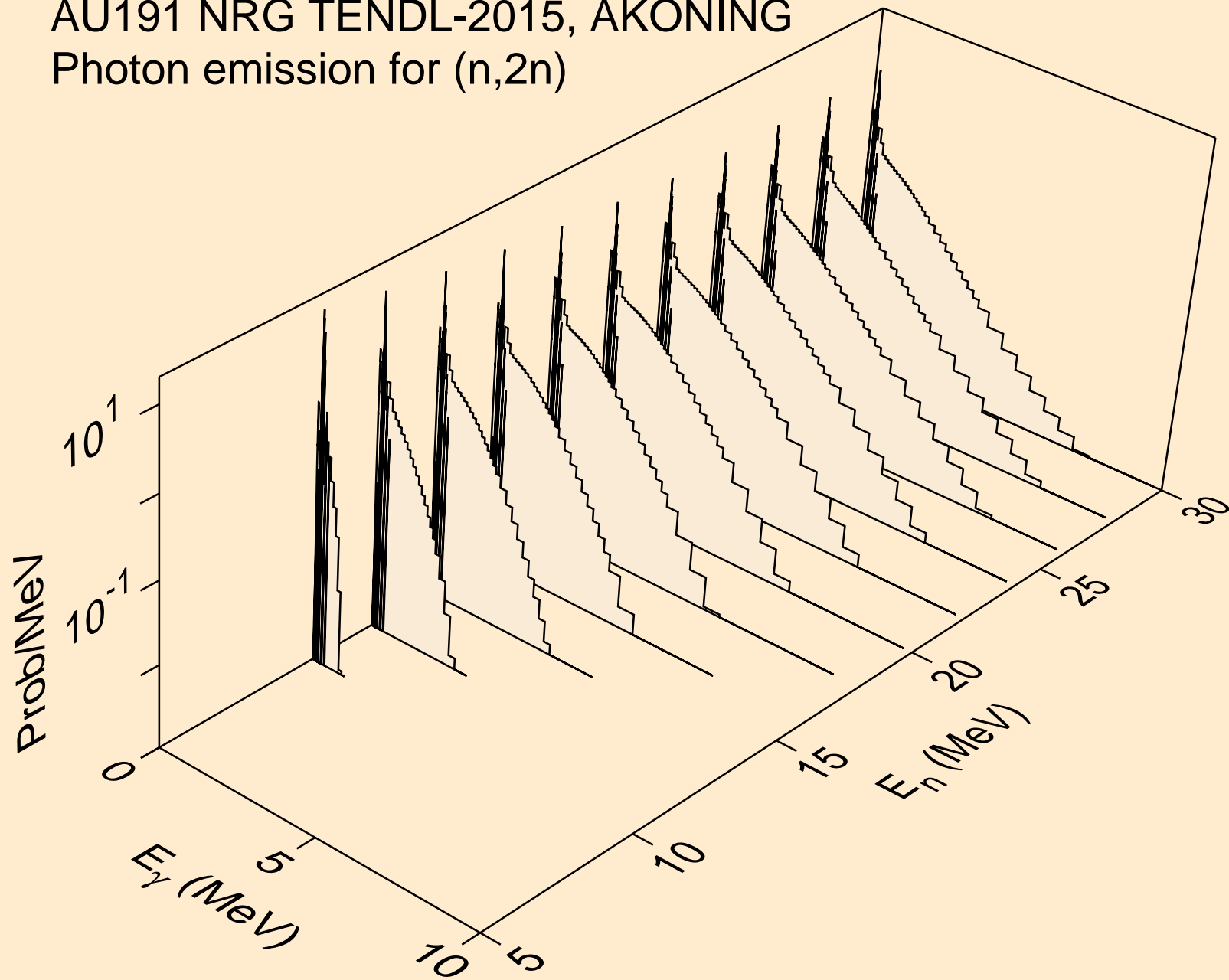
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



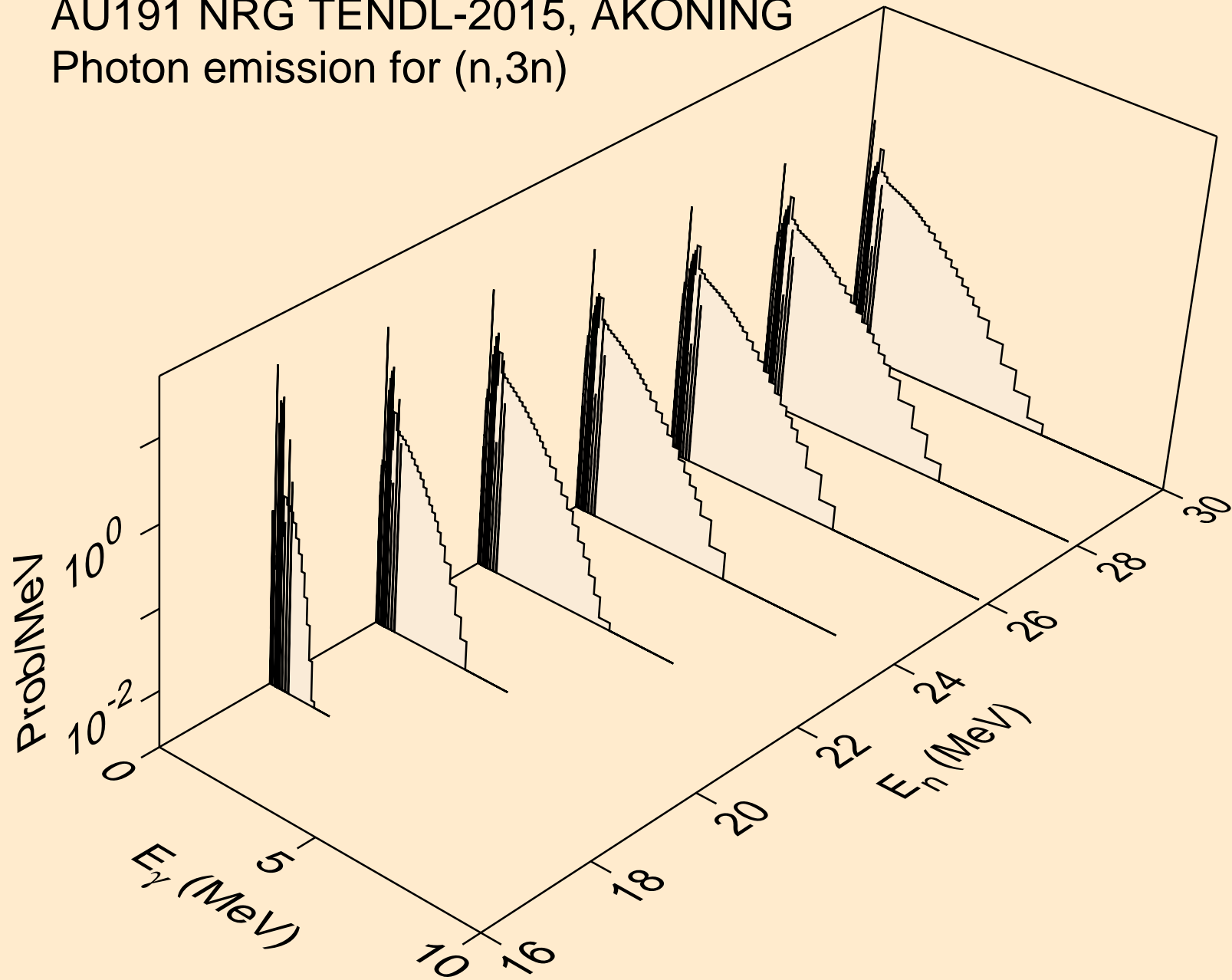
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



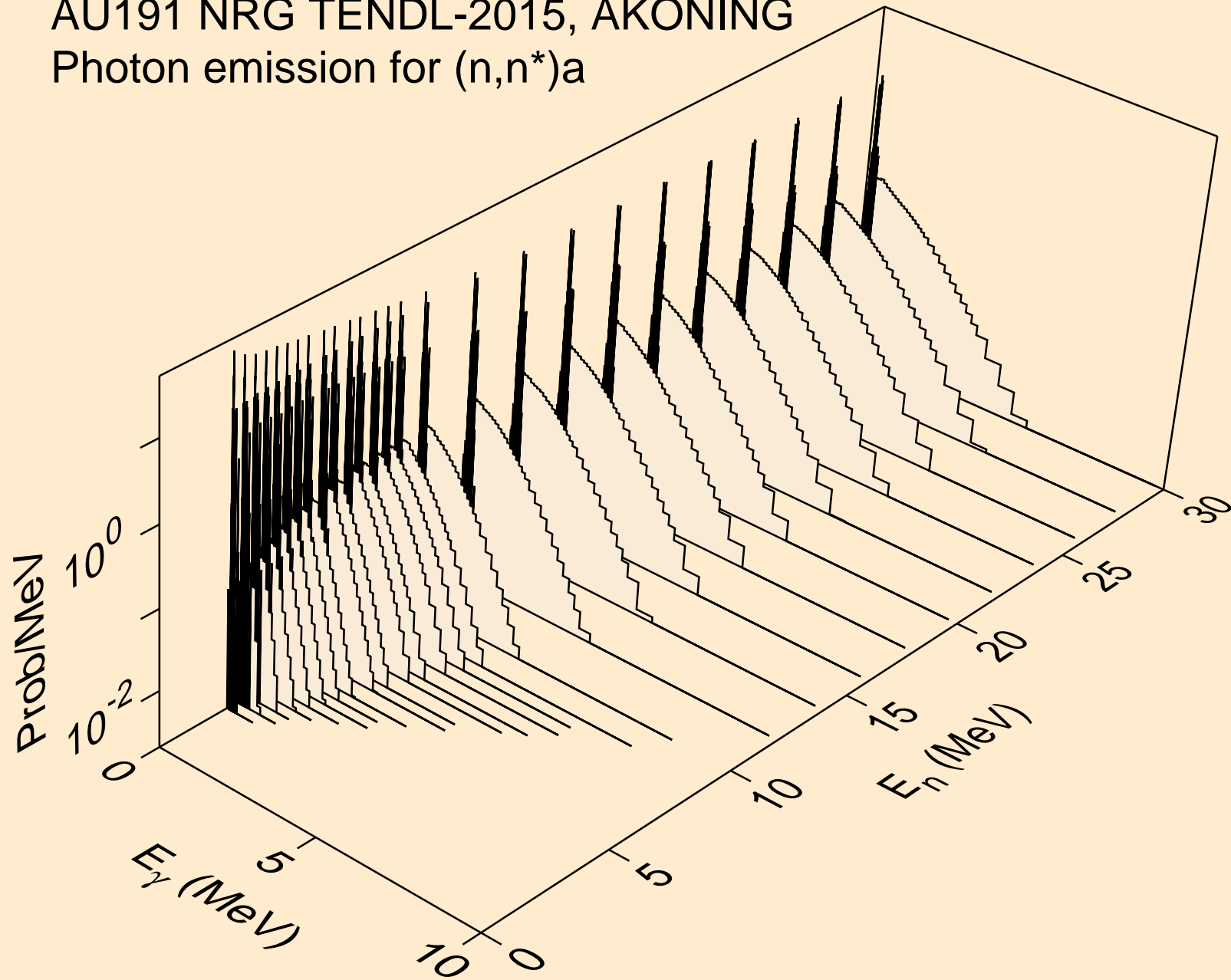
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



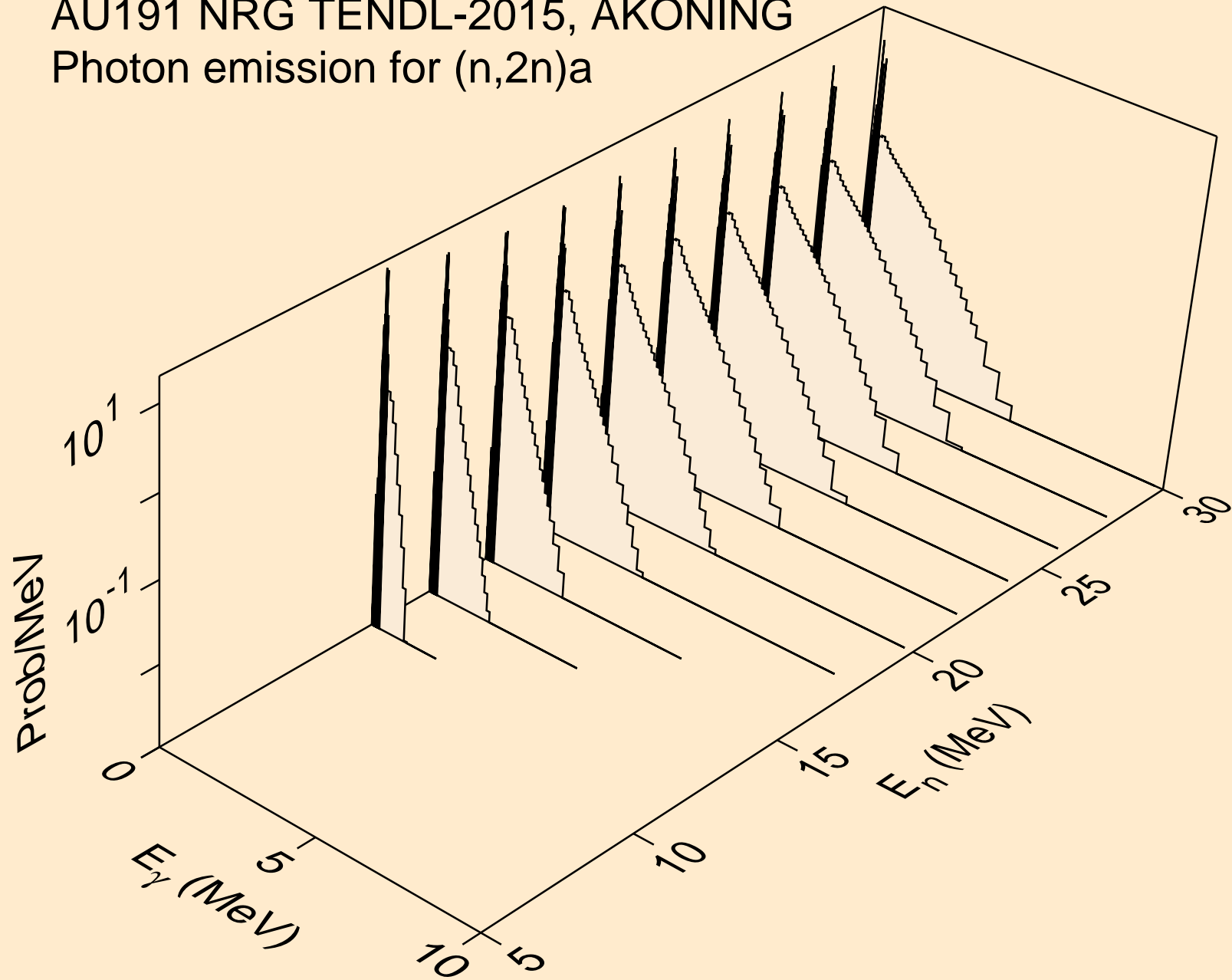
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

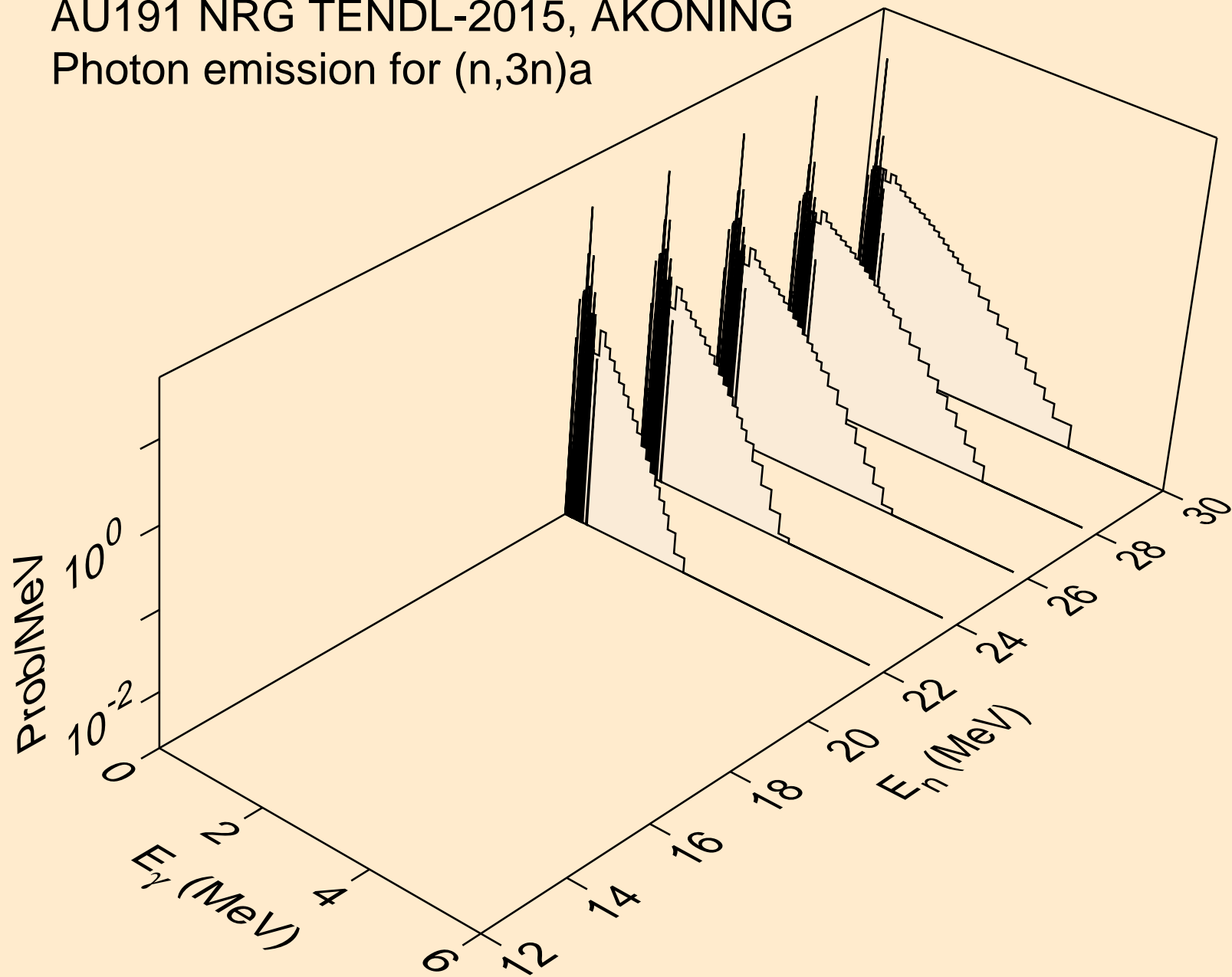


AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$

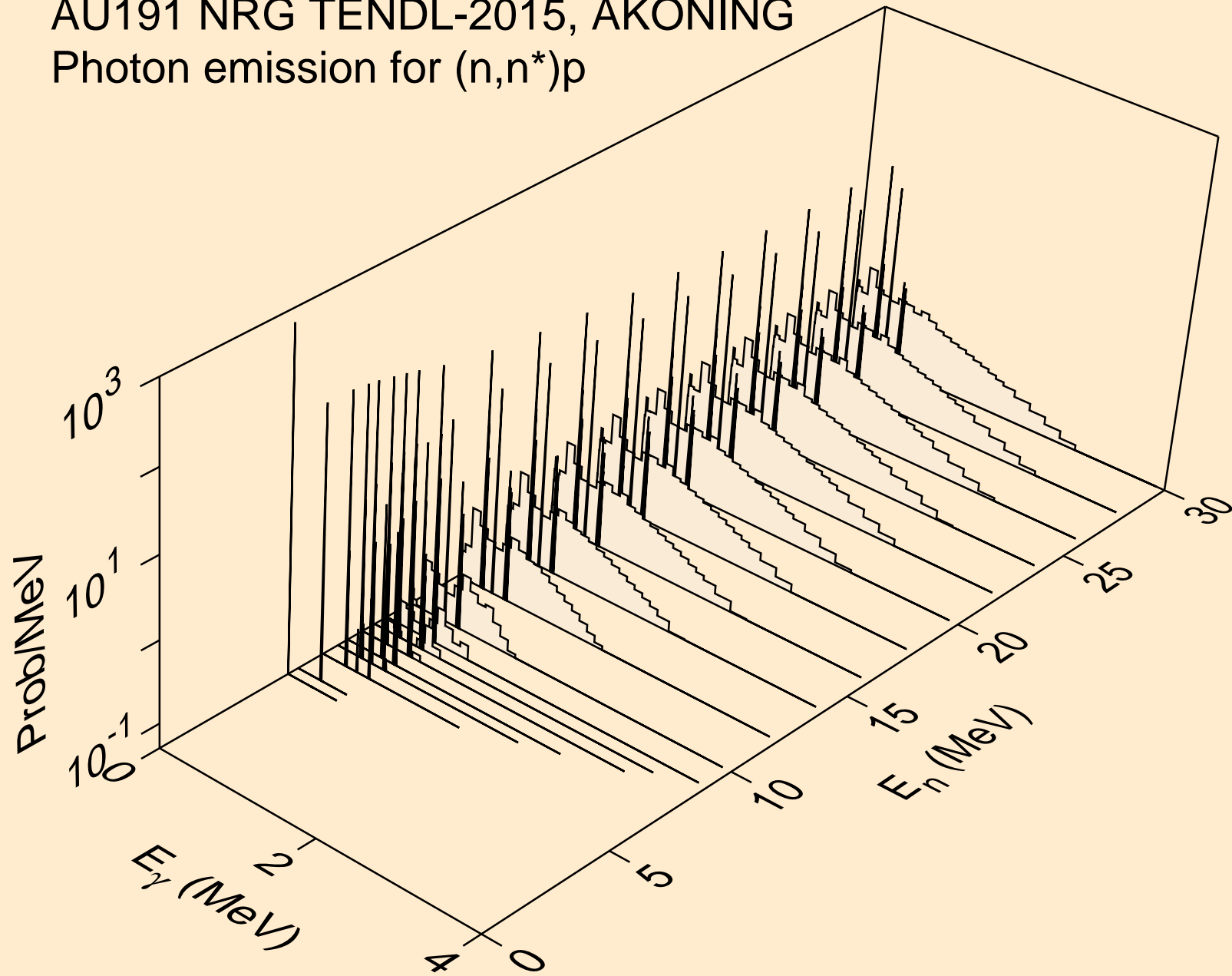




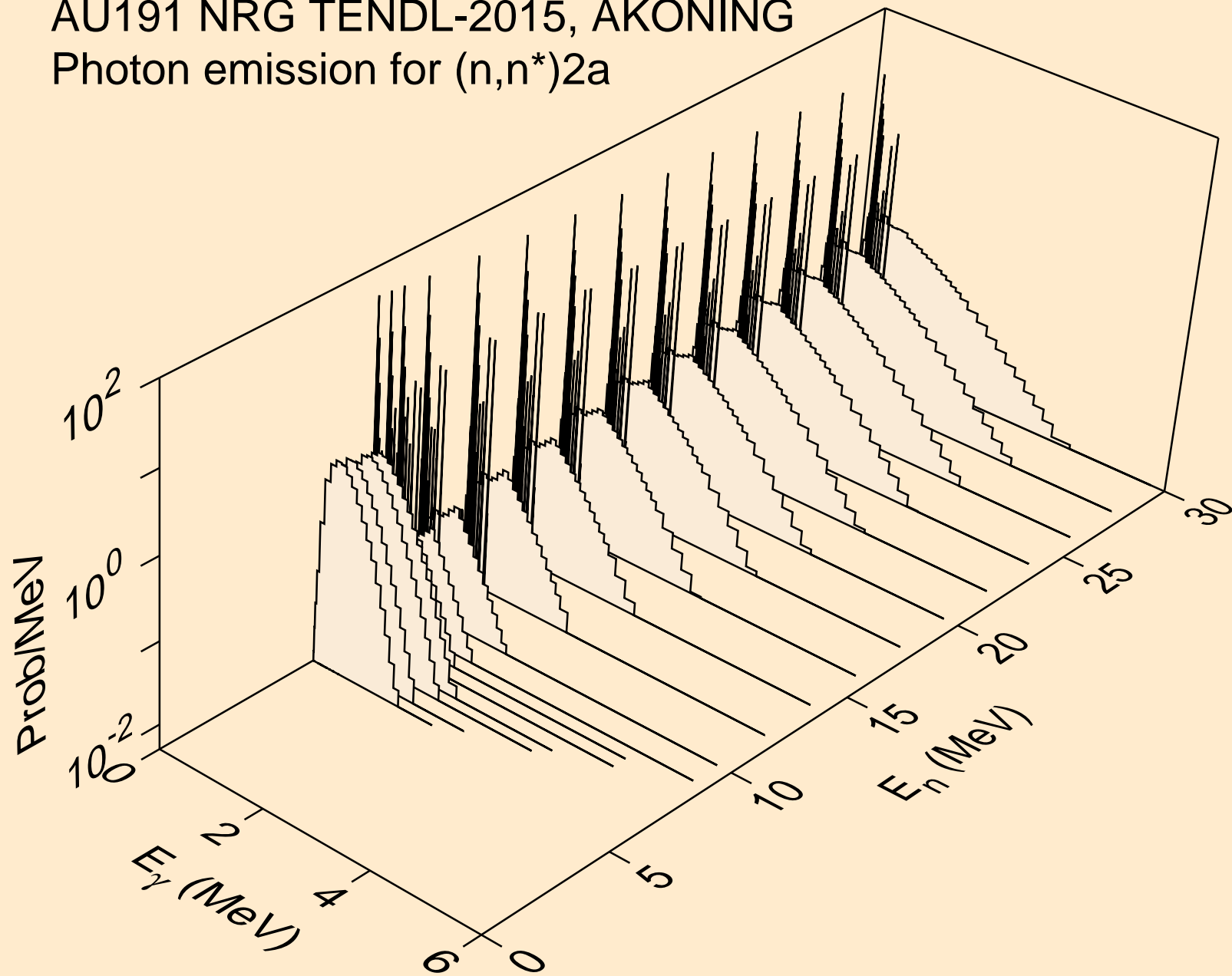
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



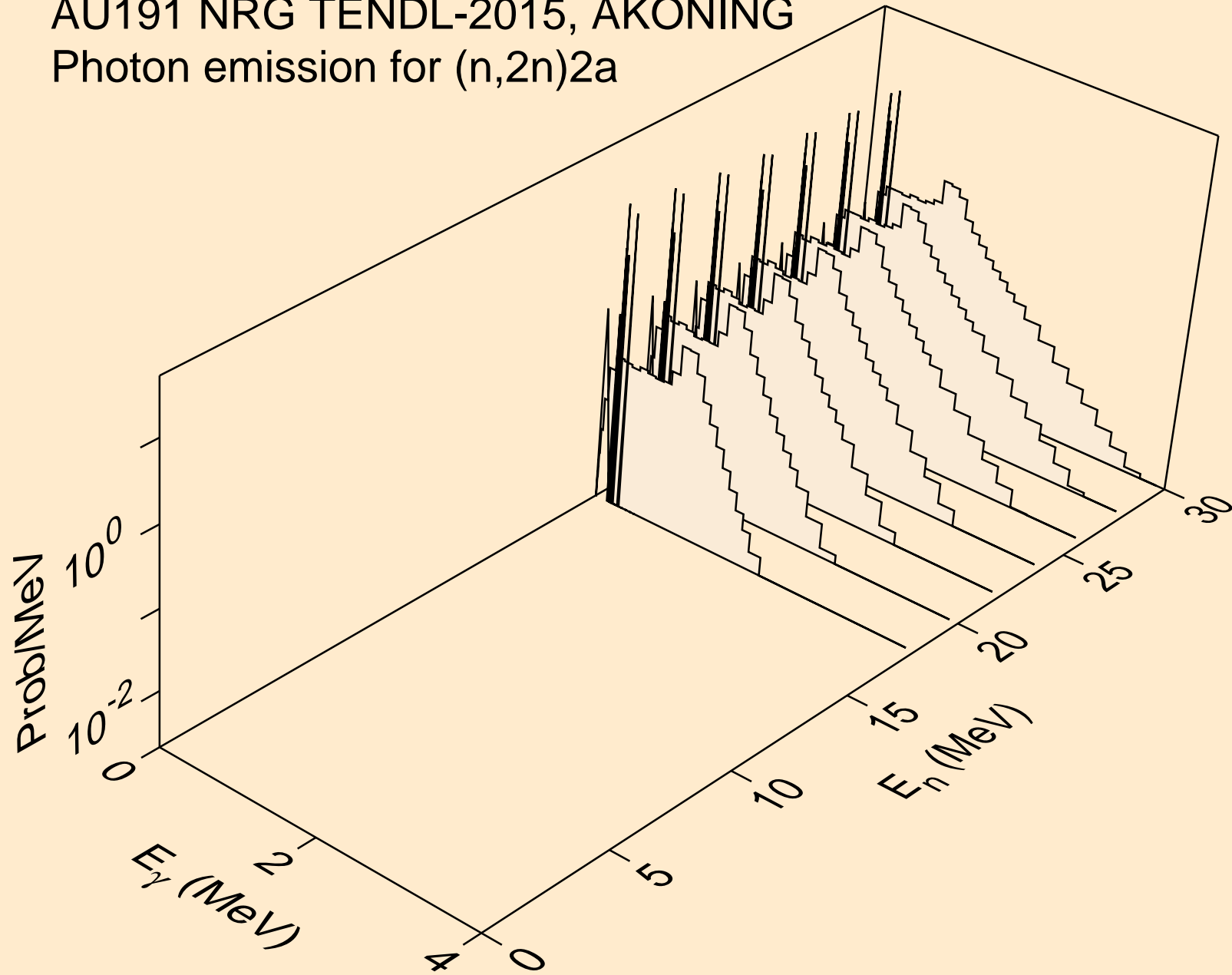
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



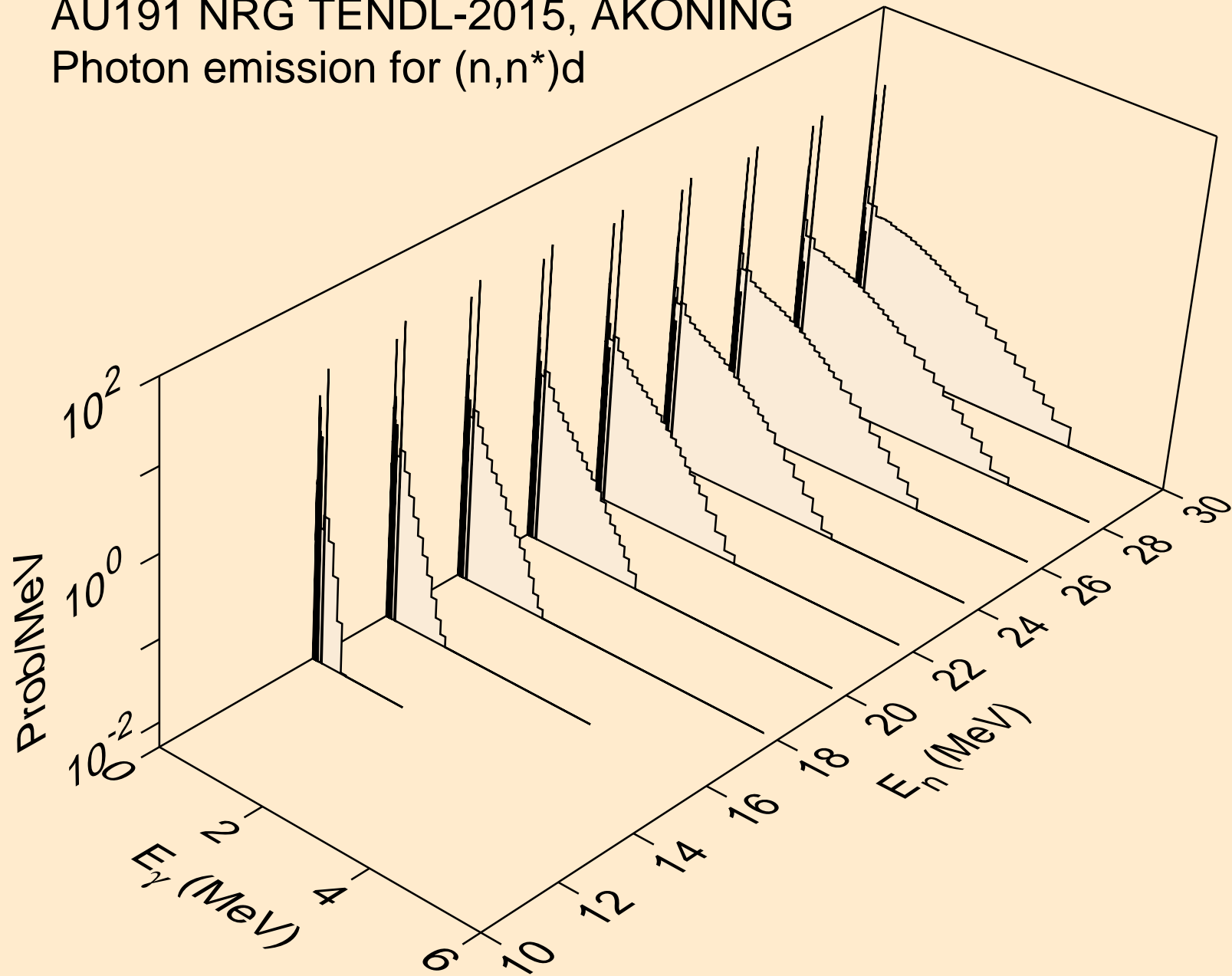
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



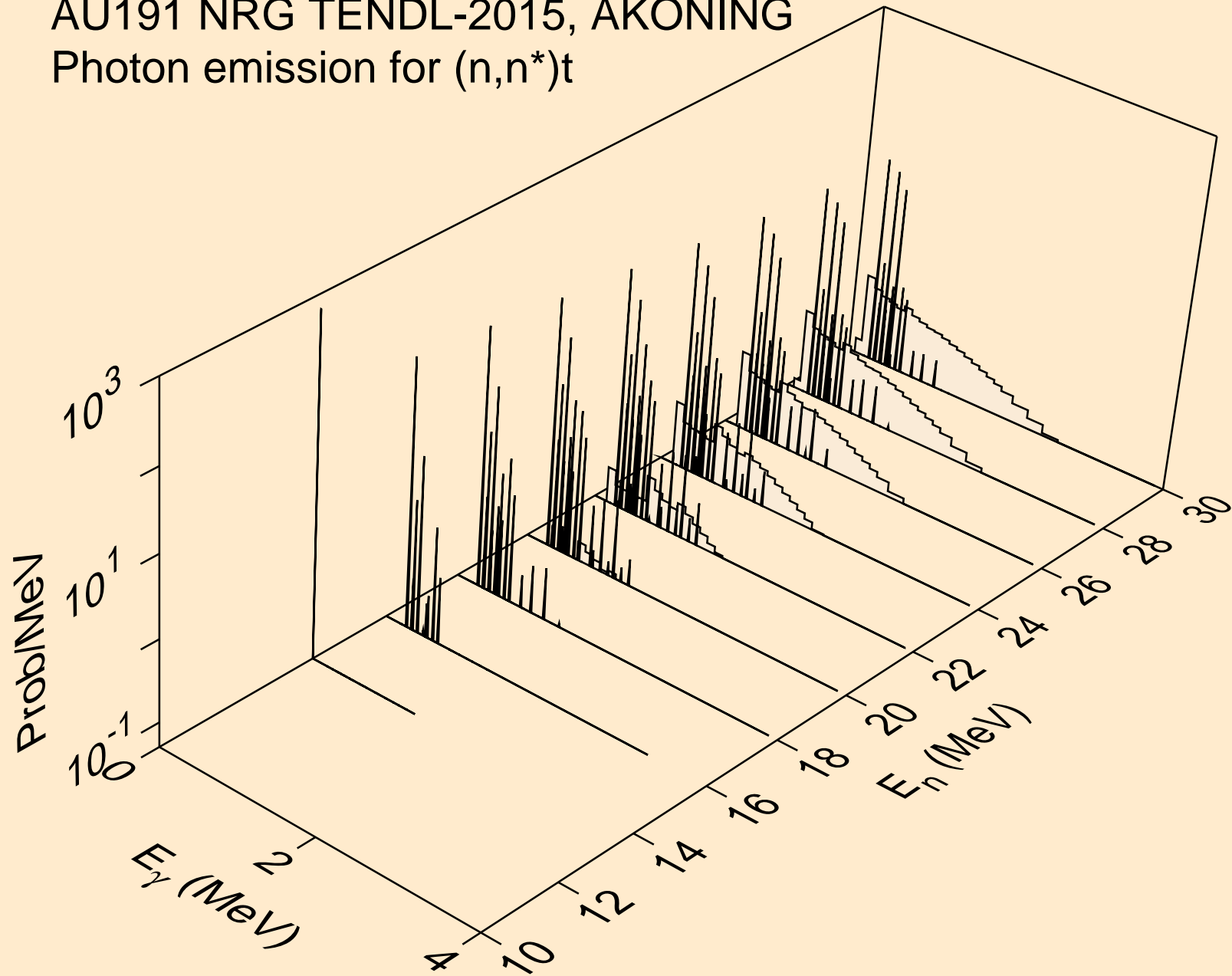
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



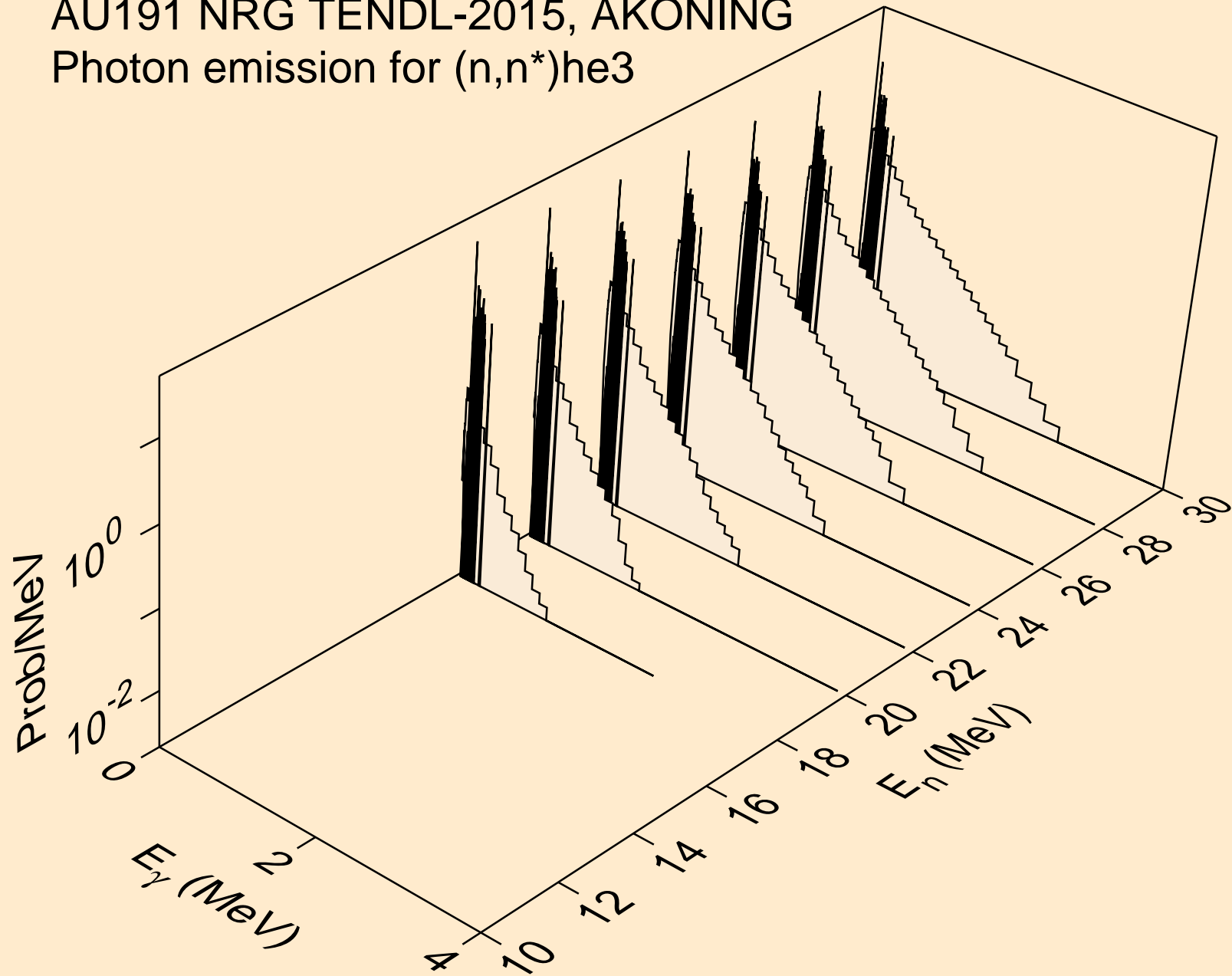
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



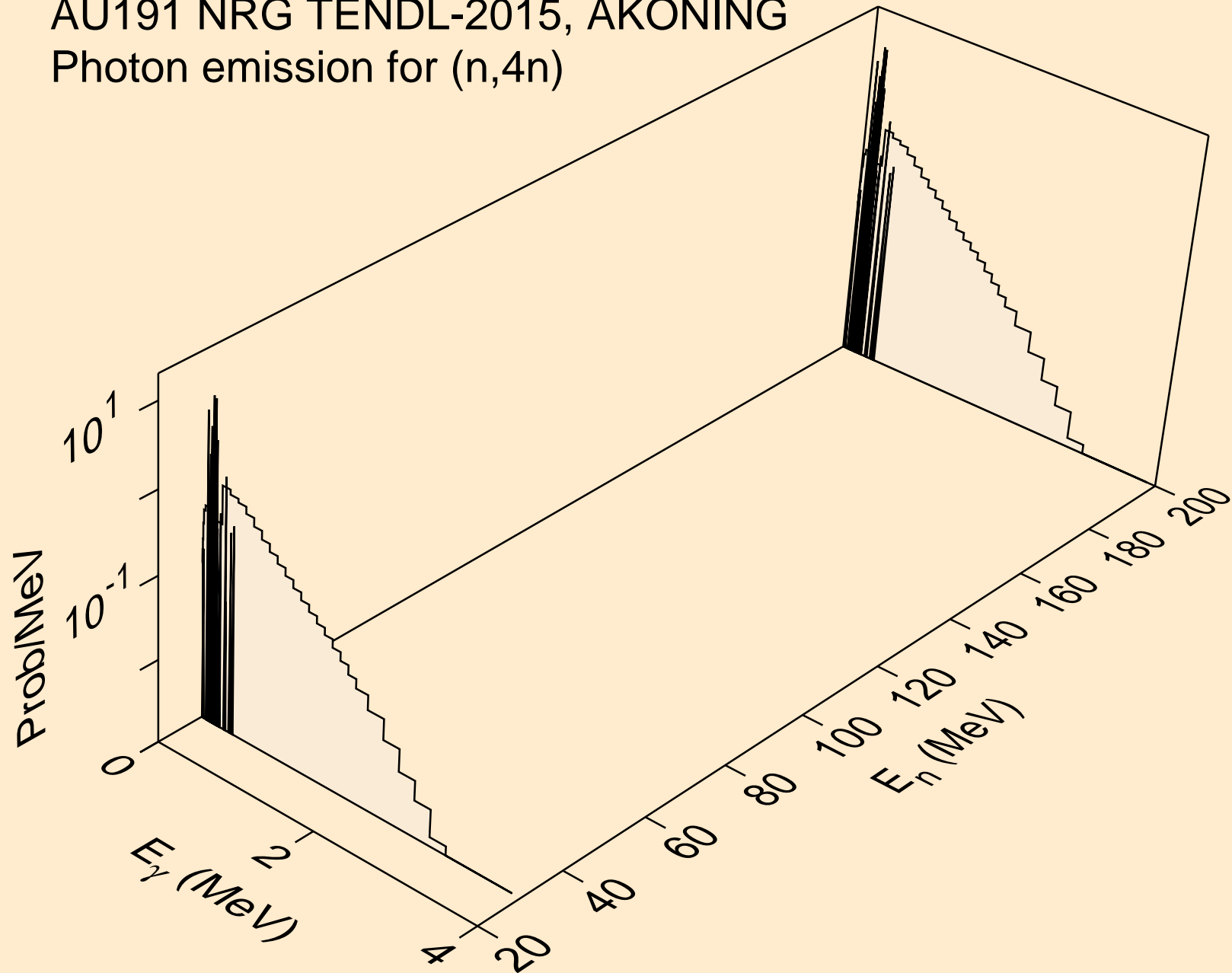
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

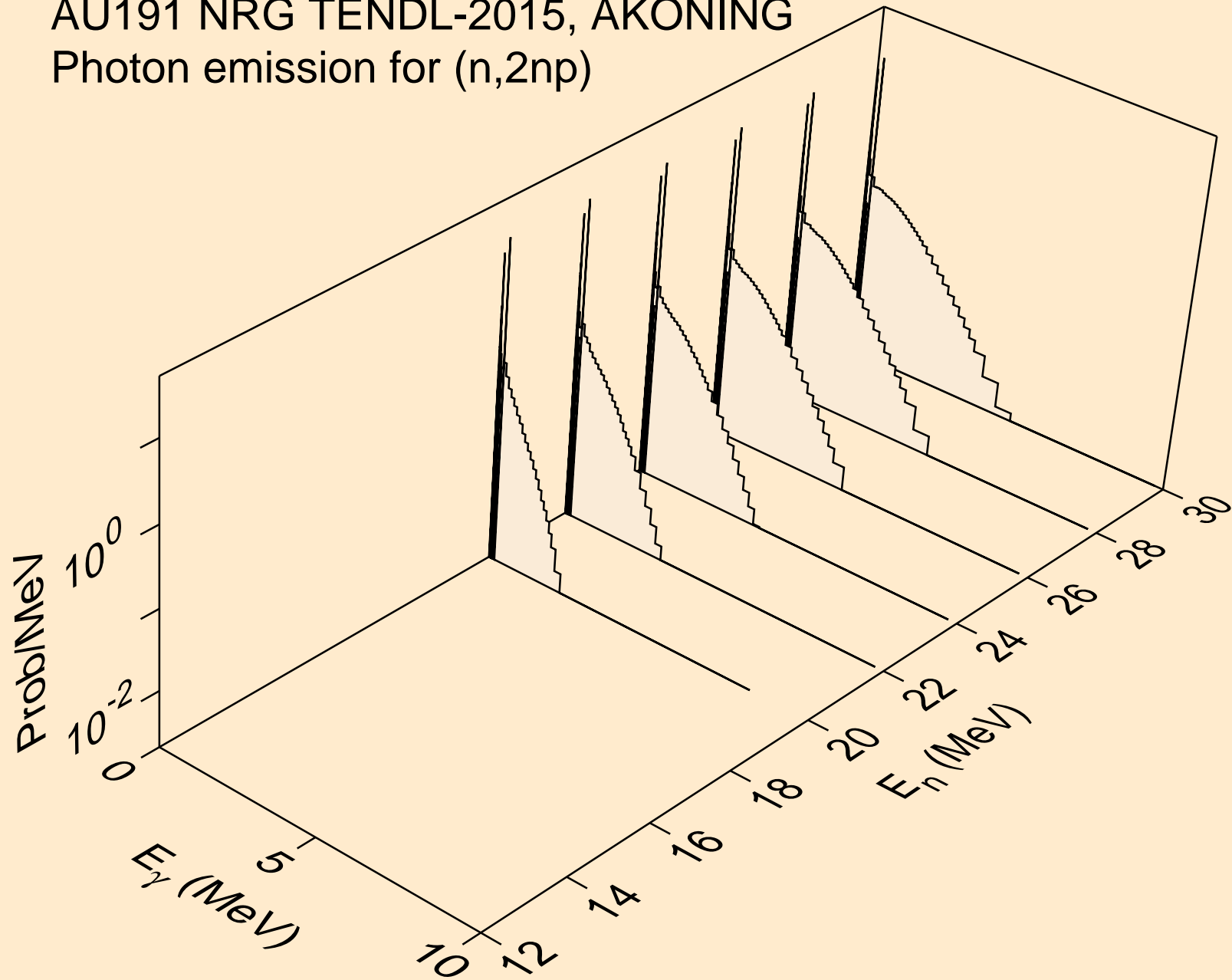


AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

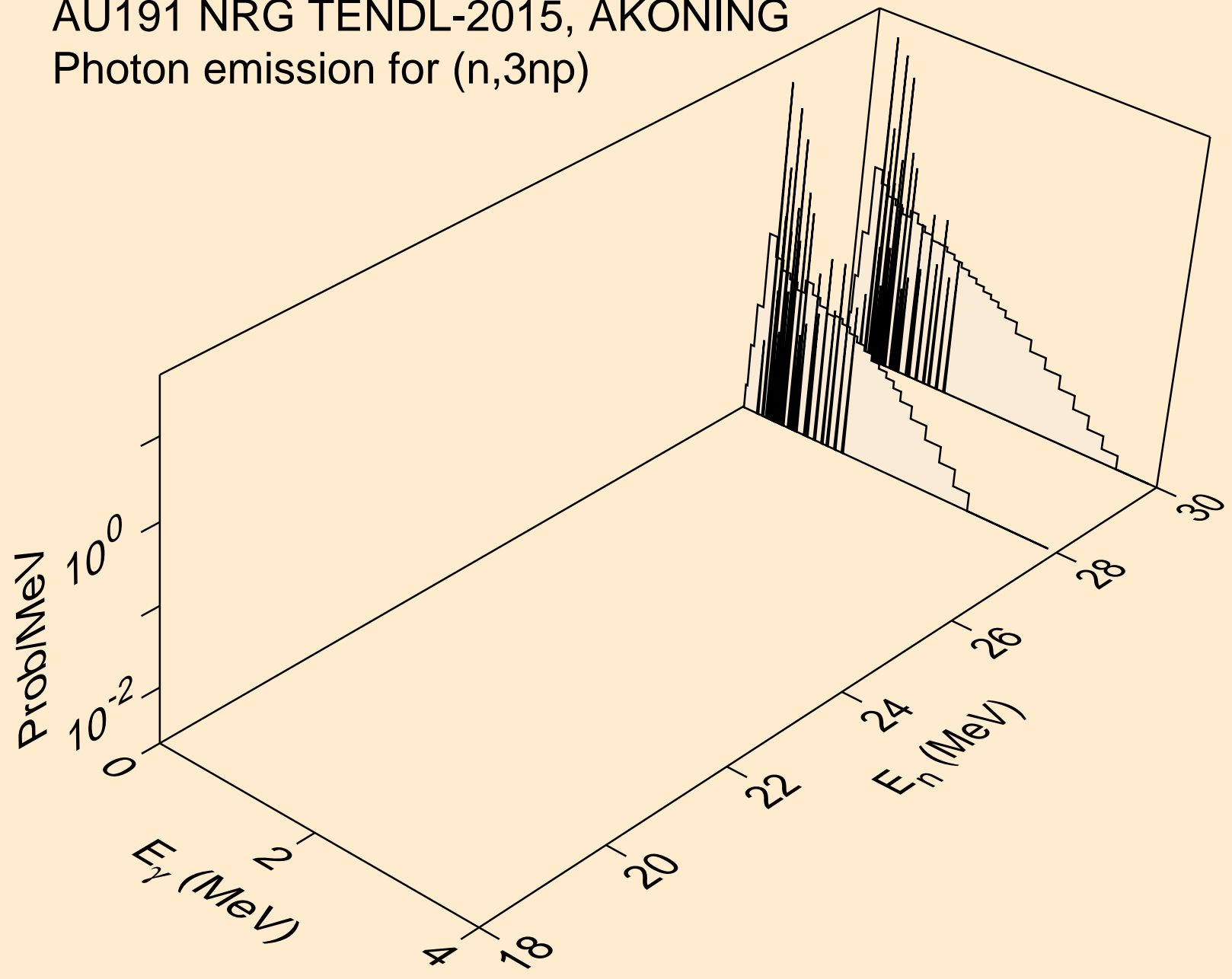




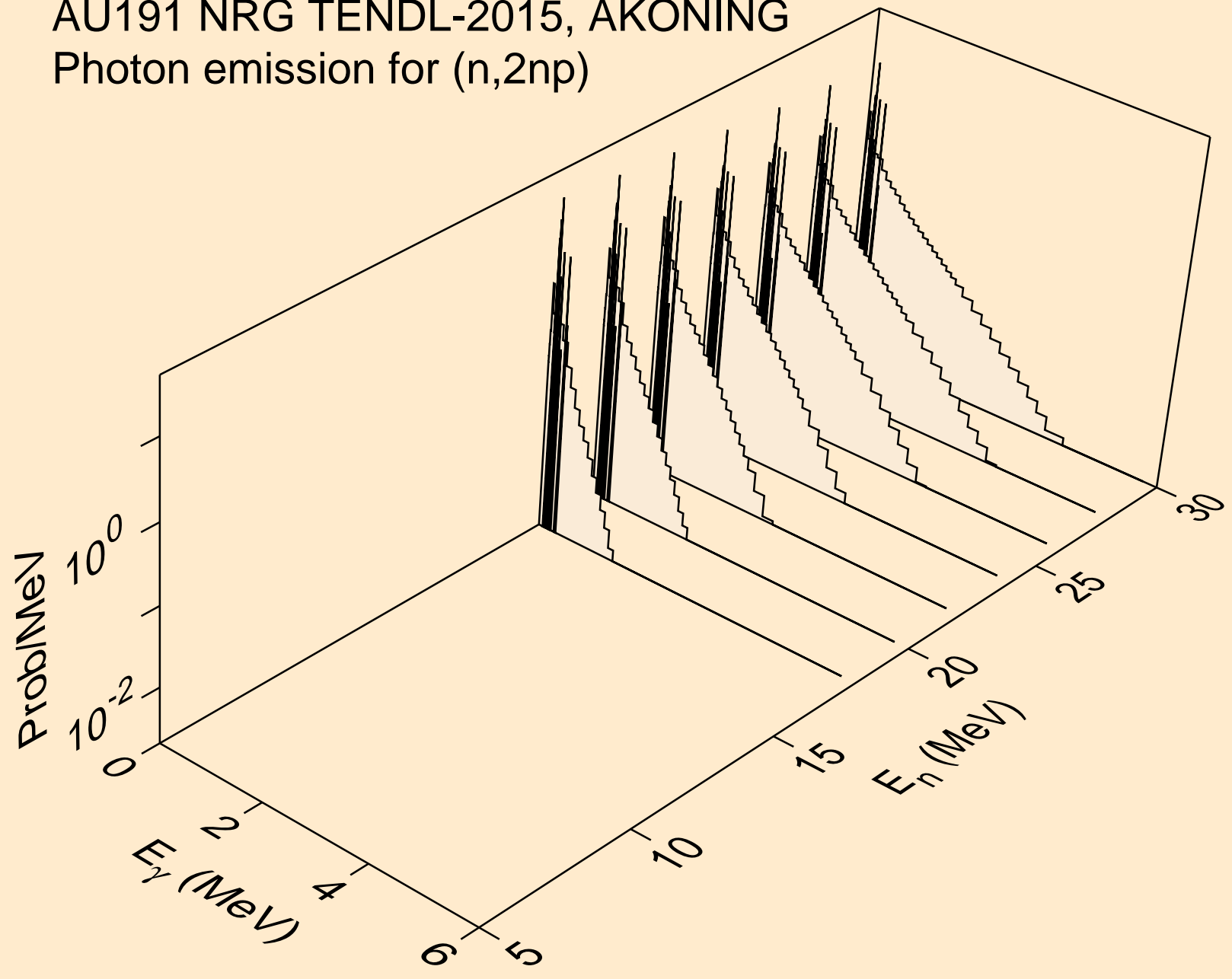
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



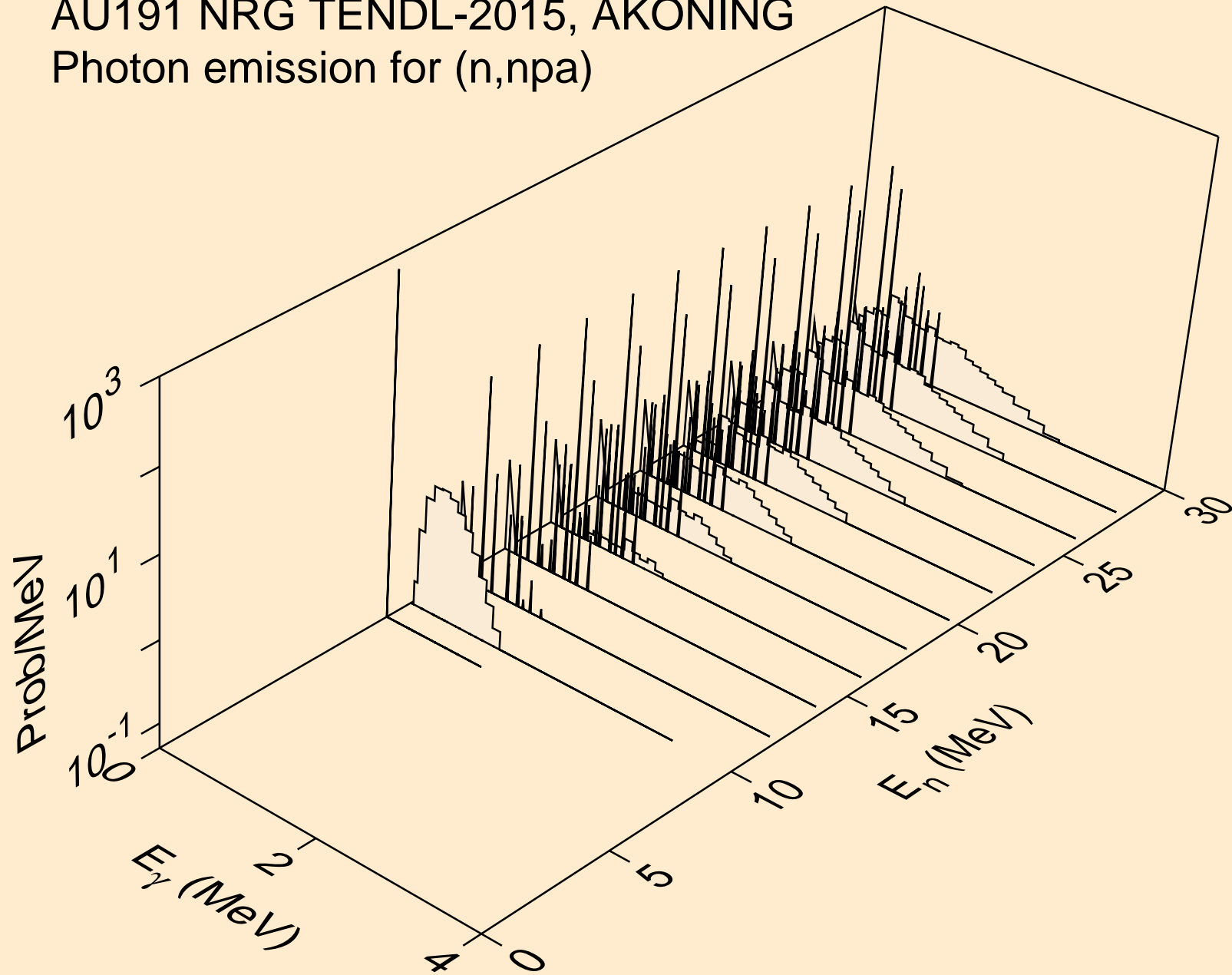
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



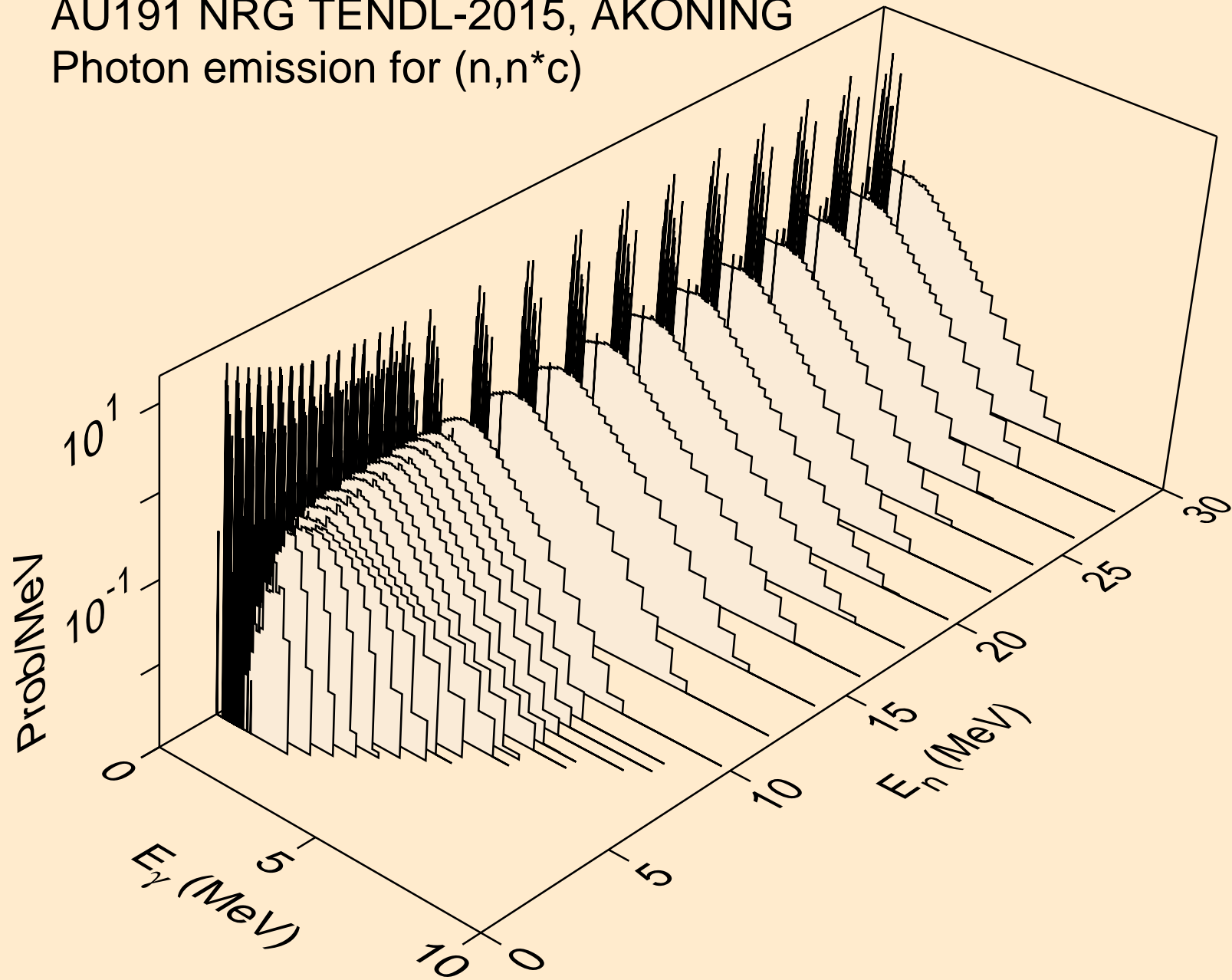
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



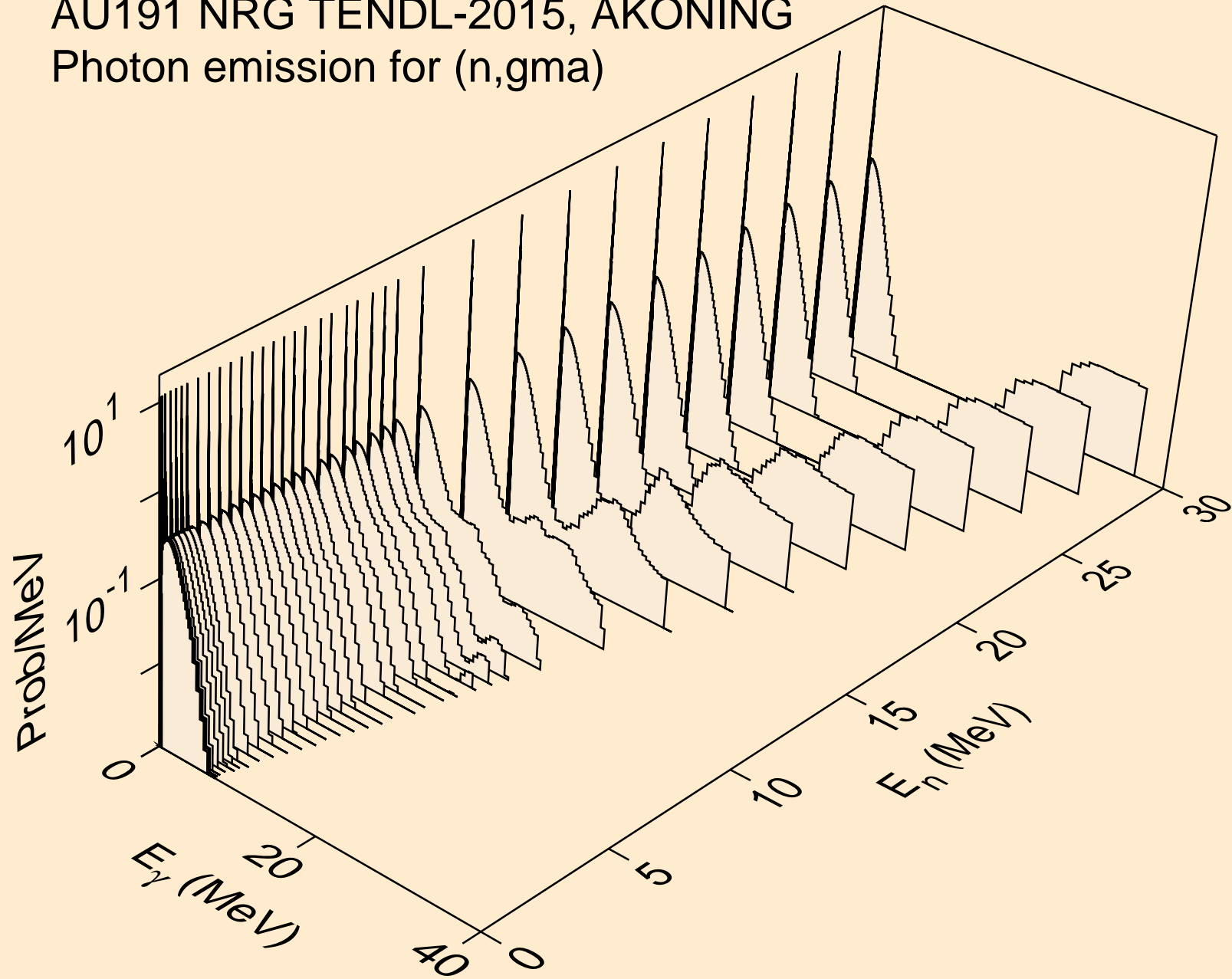
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



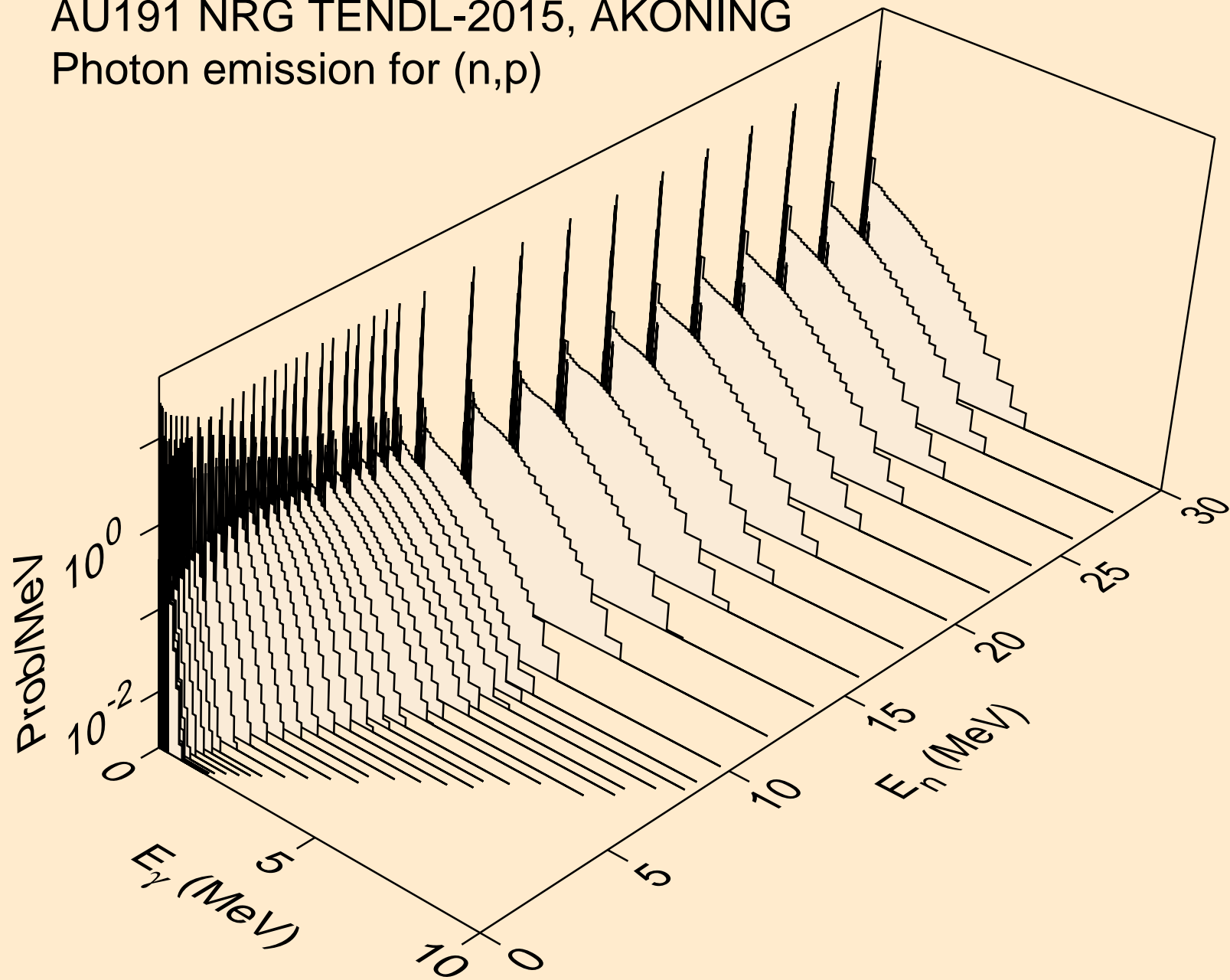
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



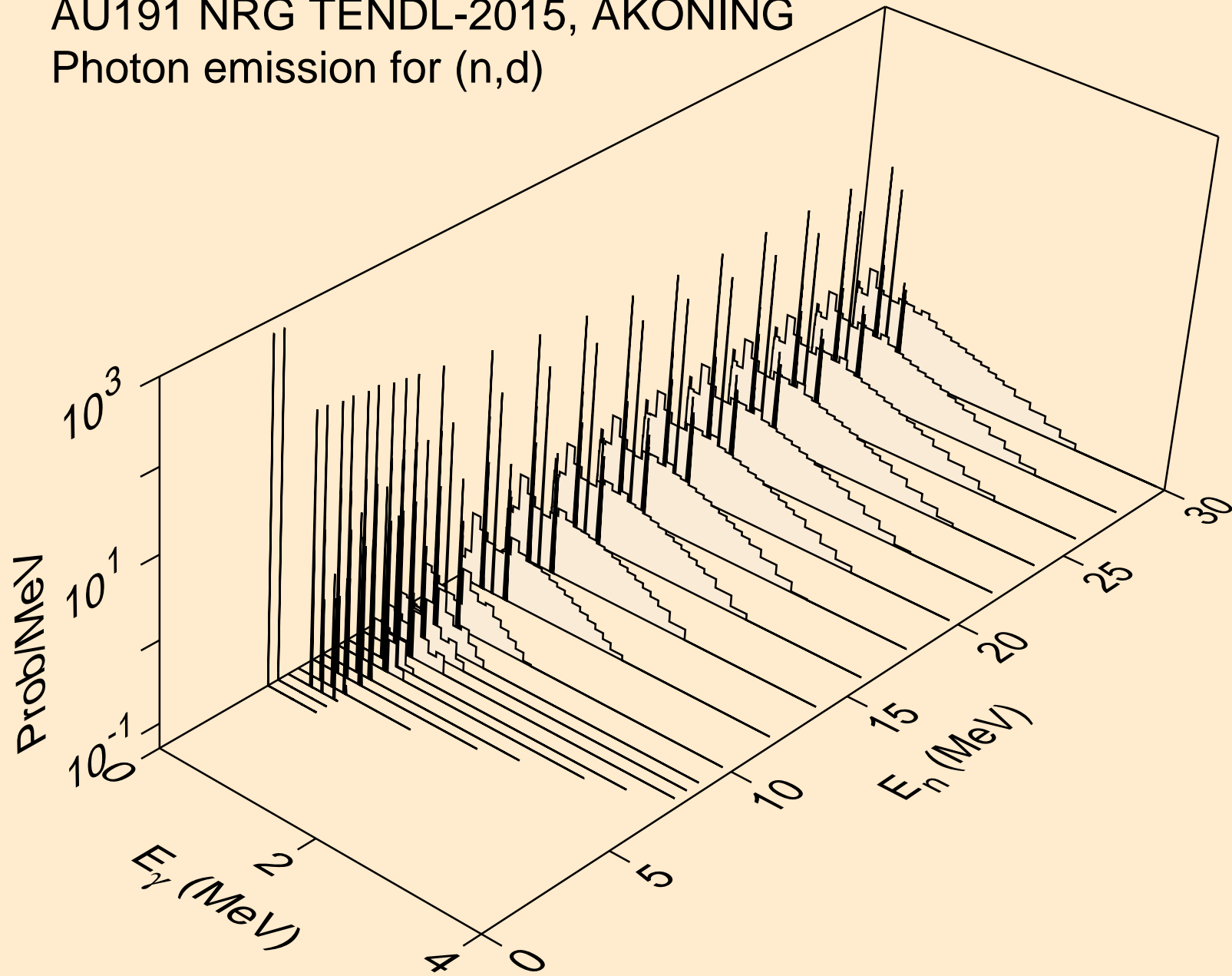
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

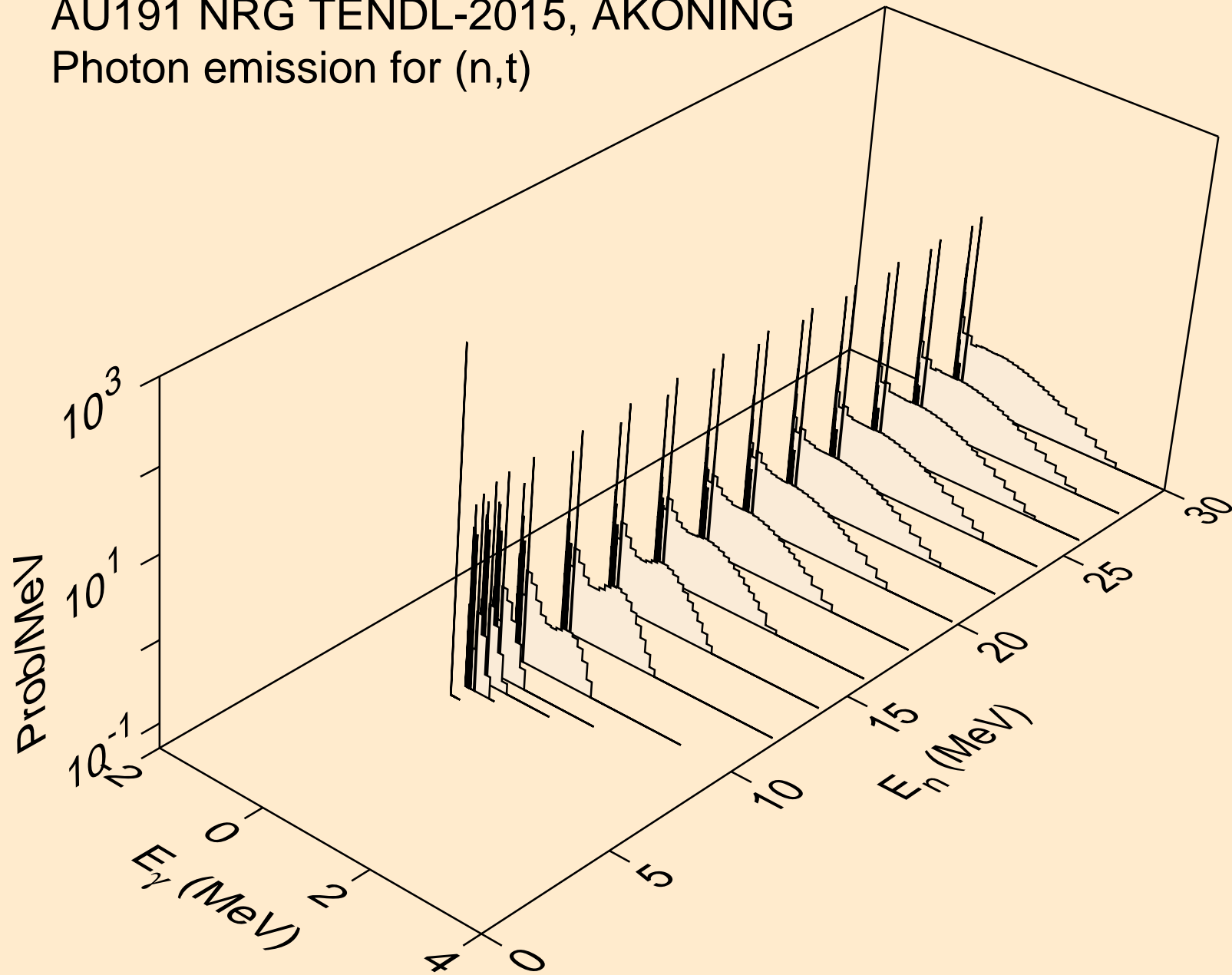


AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

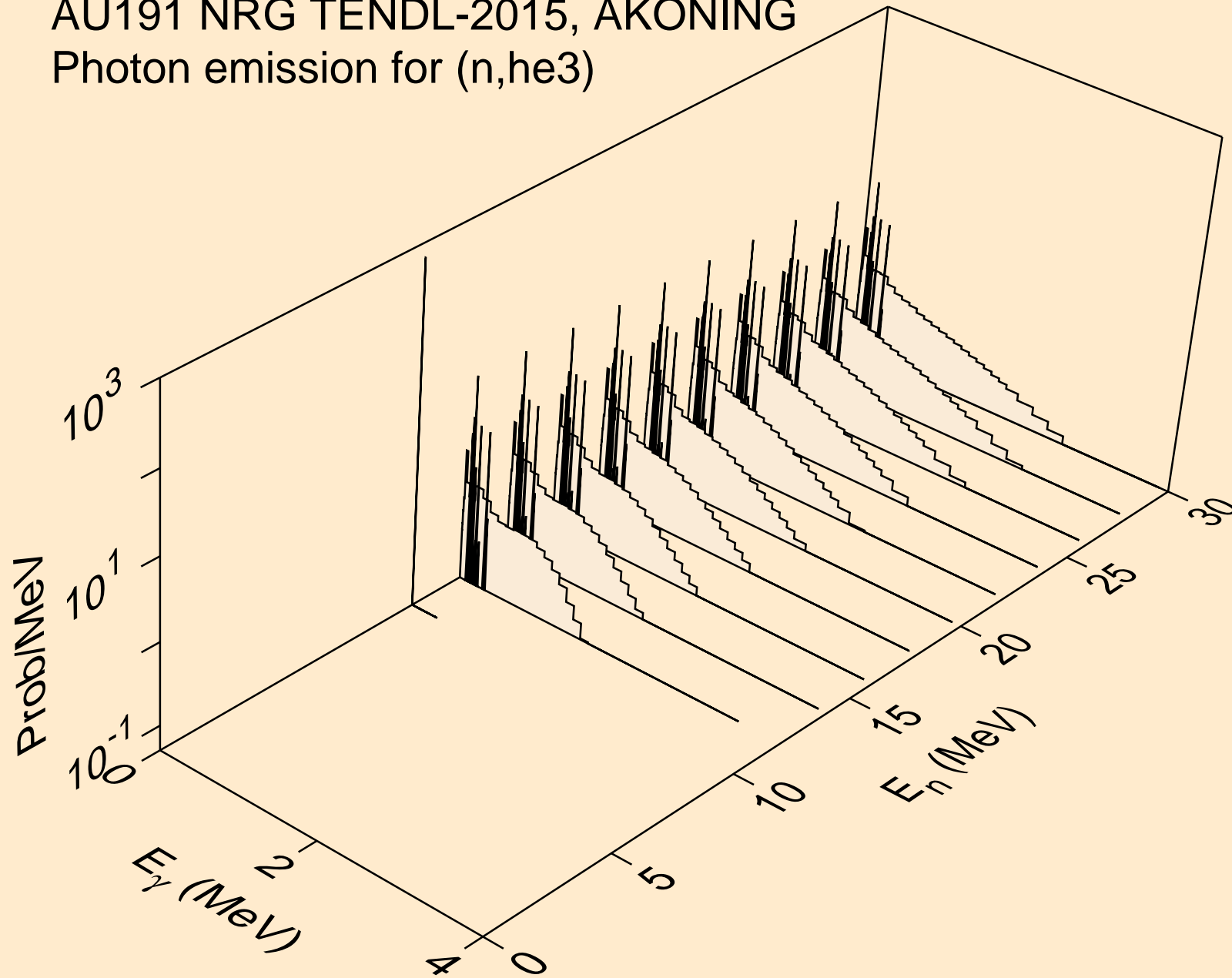




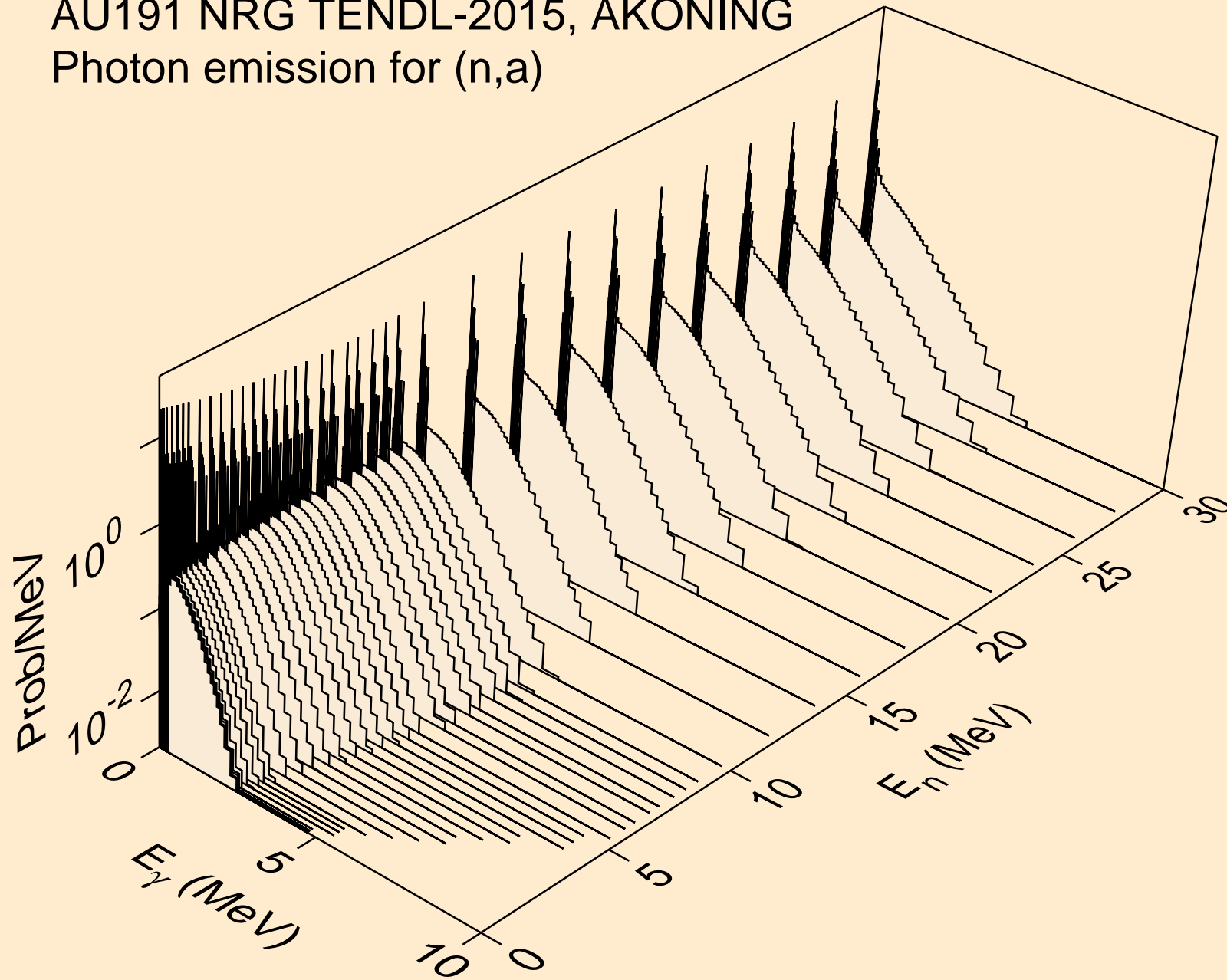
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



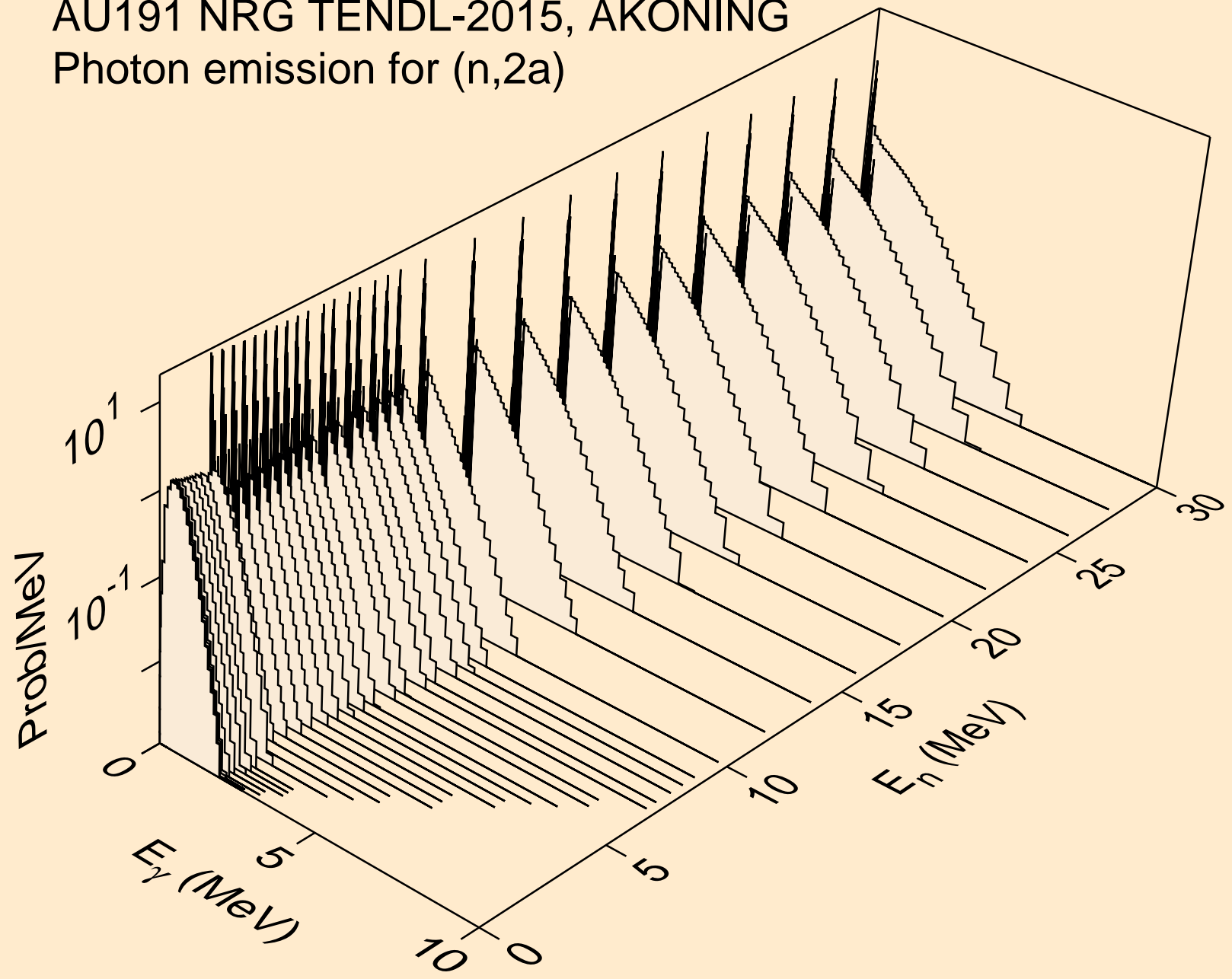
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



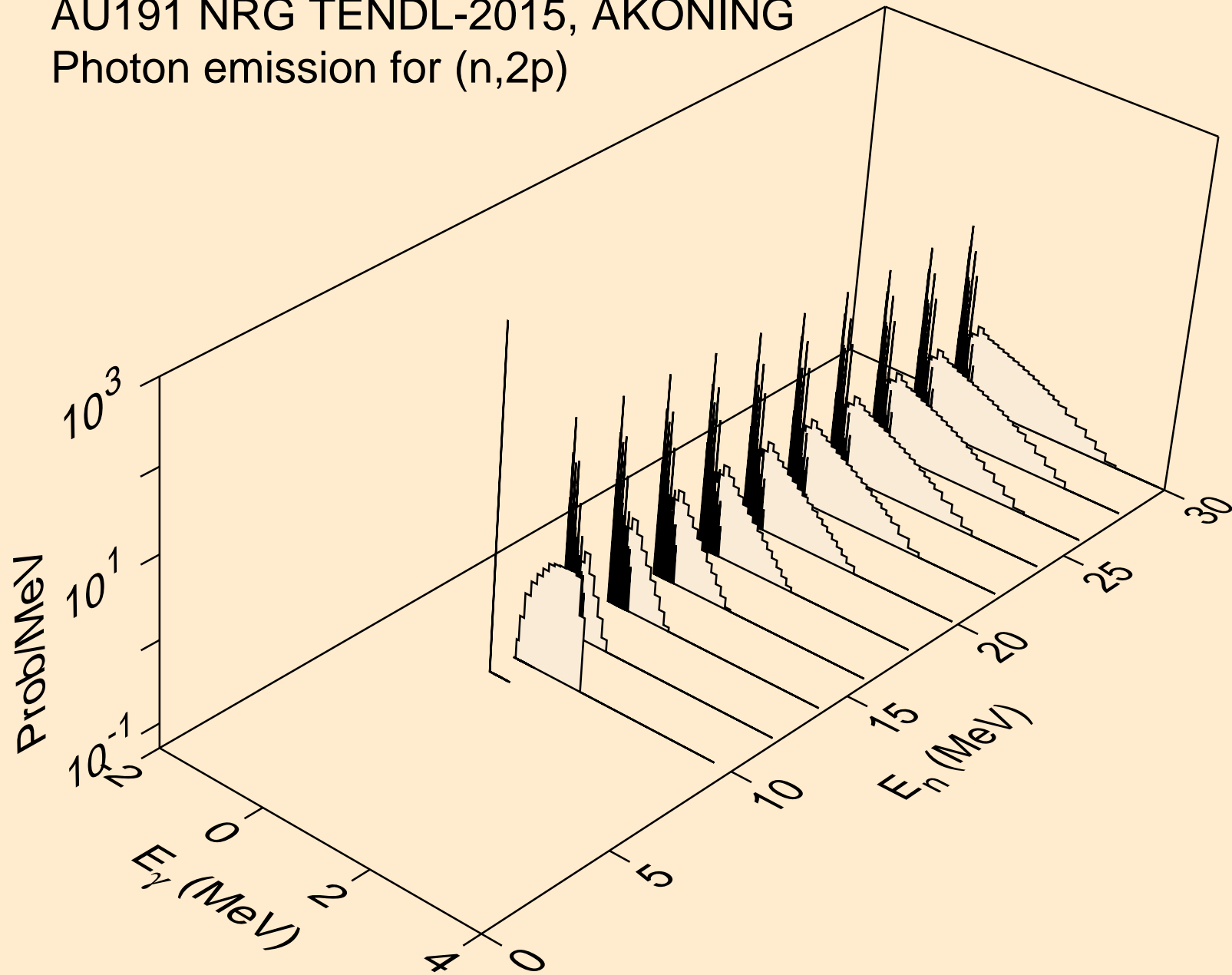
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



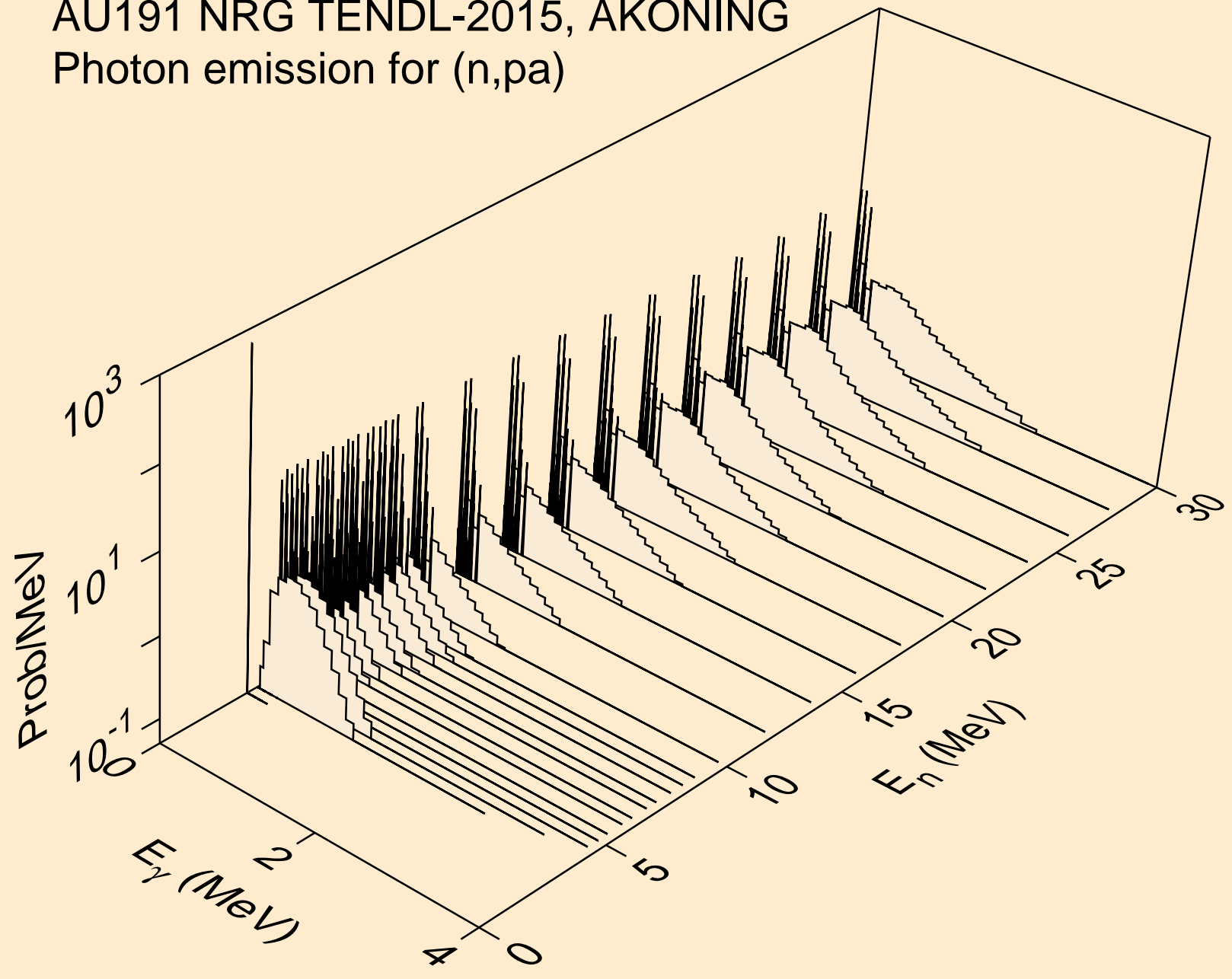
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



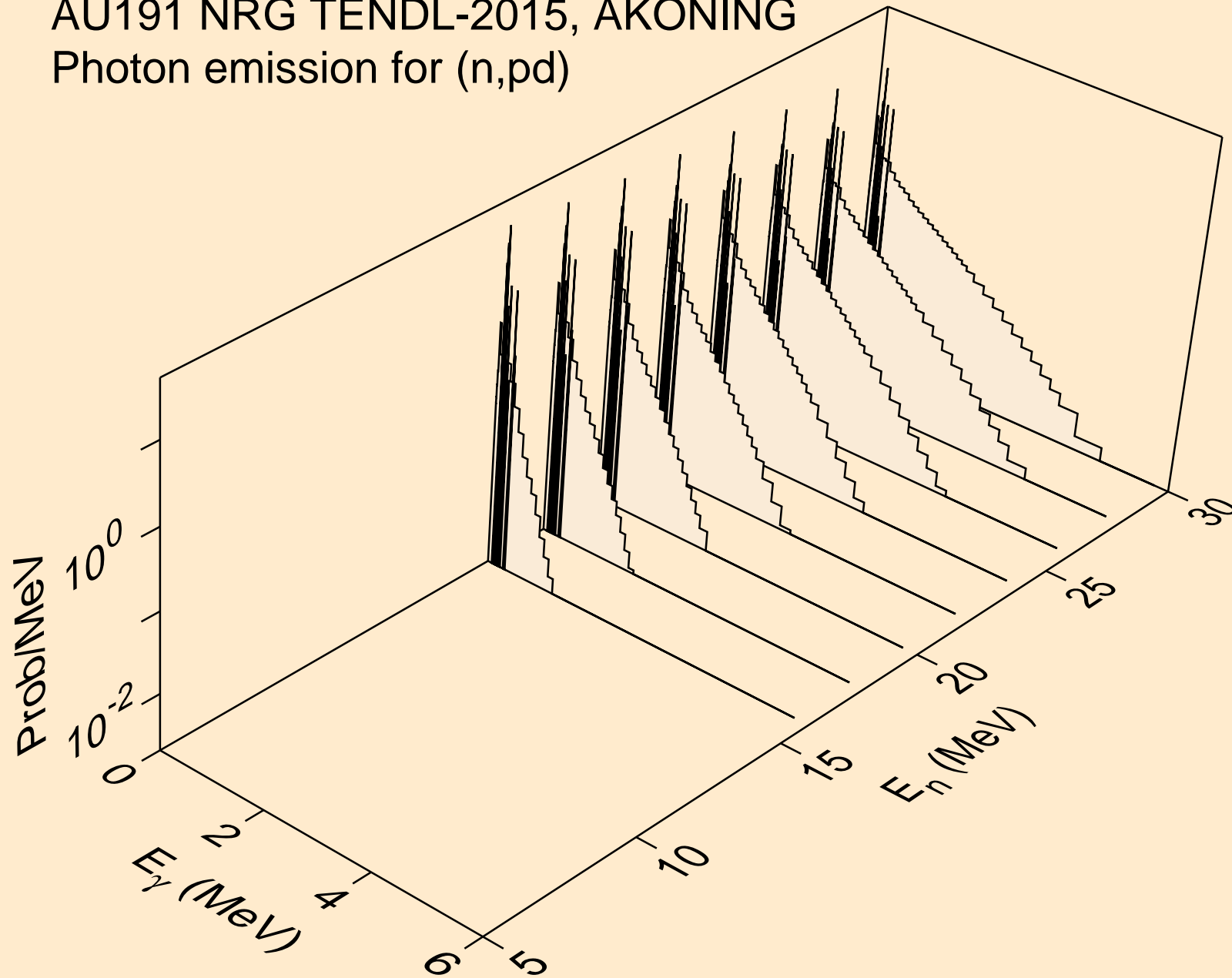
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Photon emission for (n,2p)



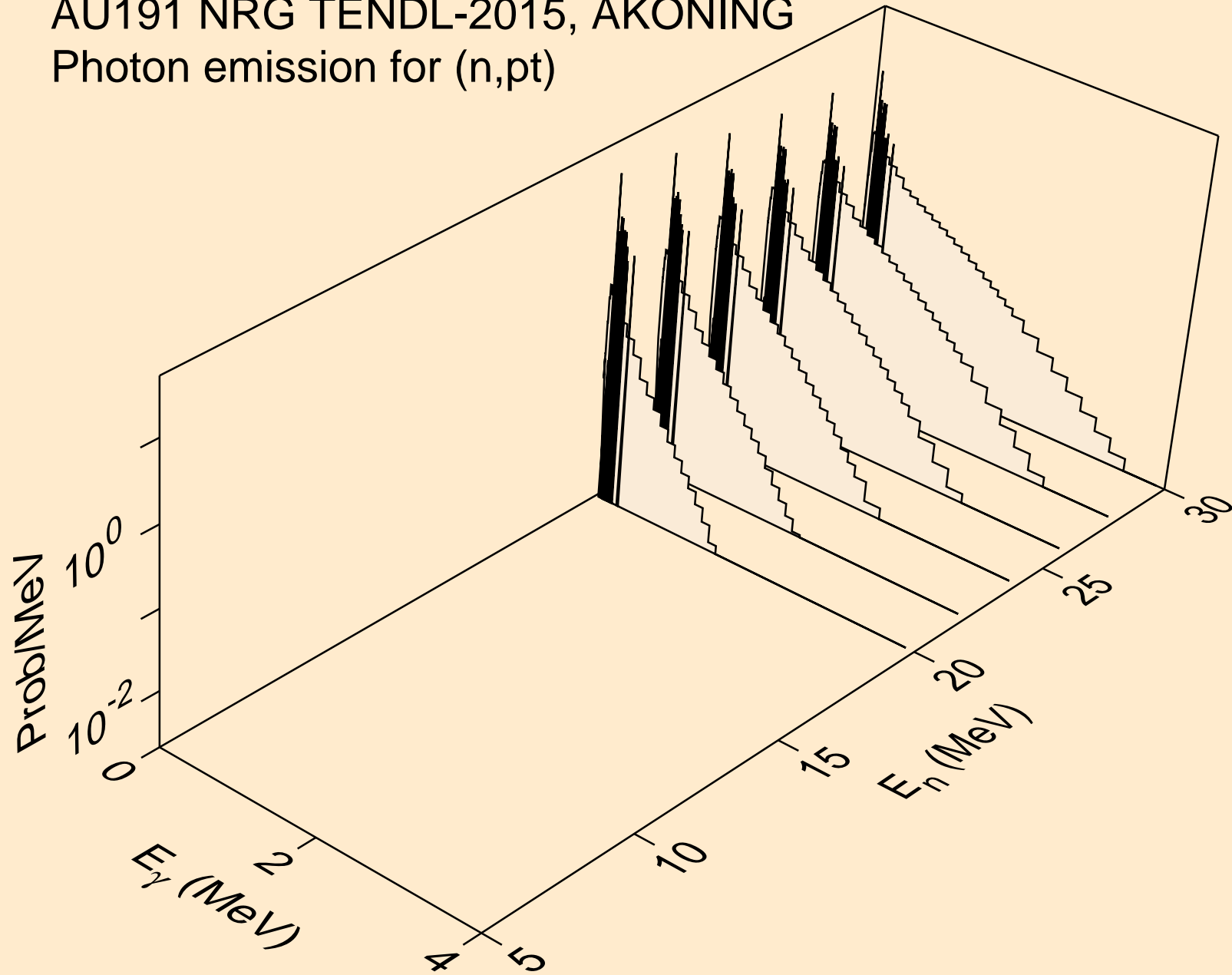
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

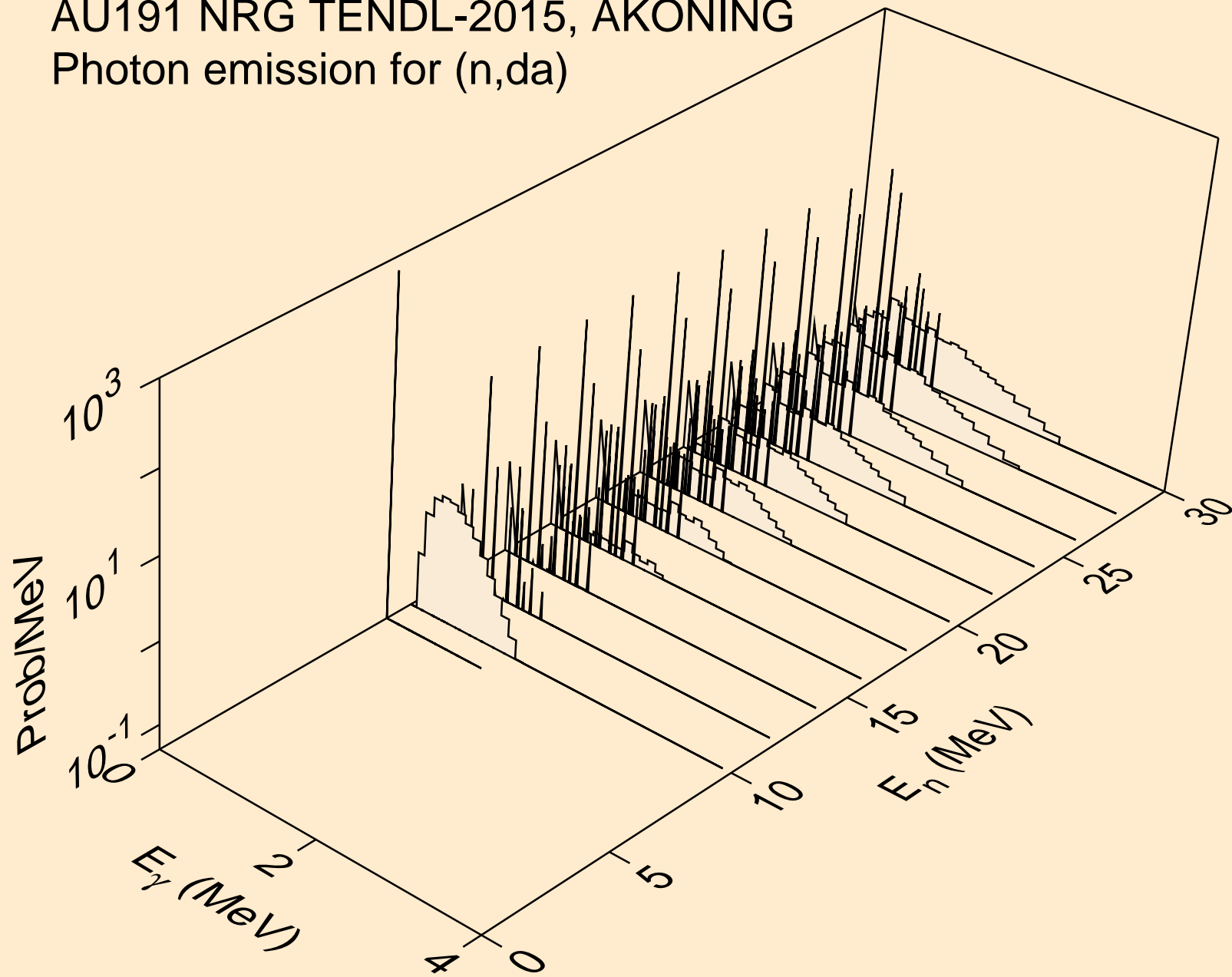


AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

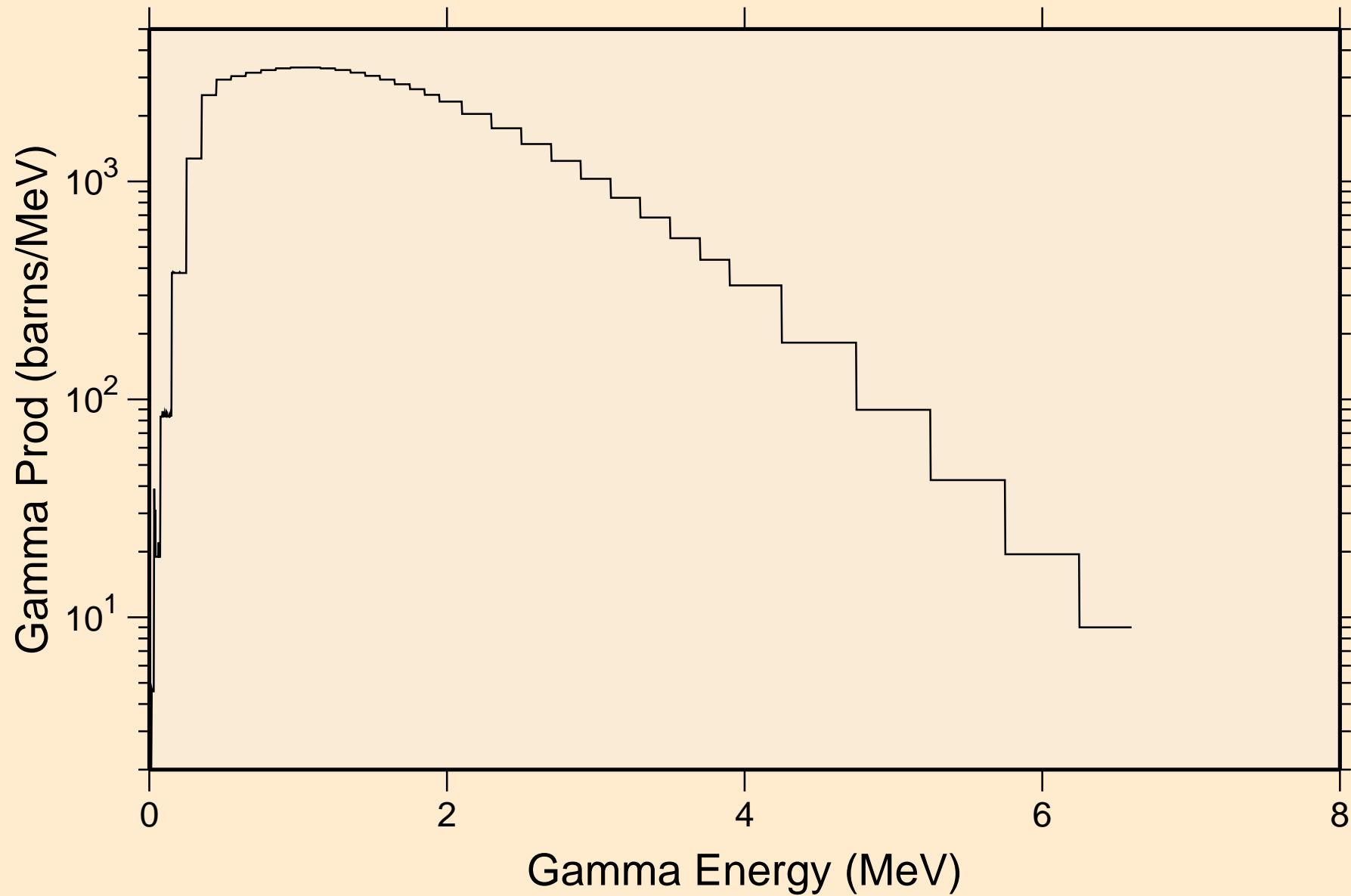




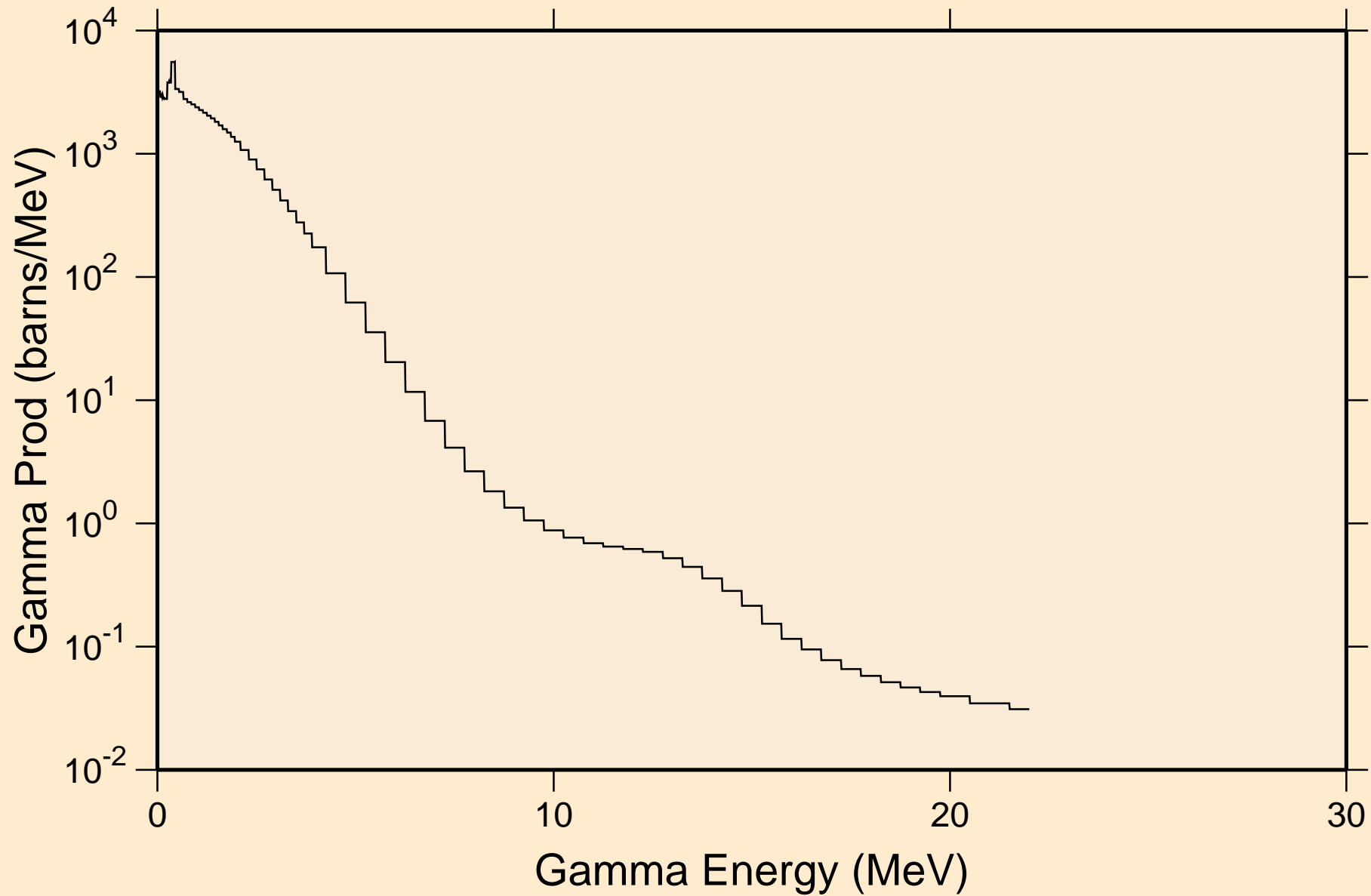
AU191 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AU191 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

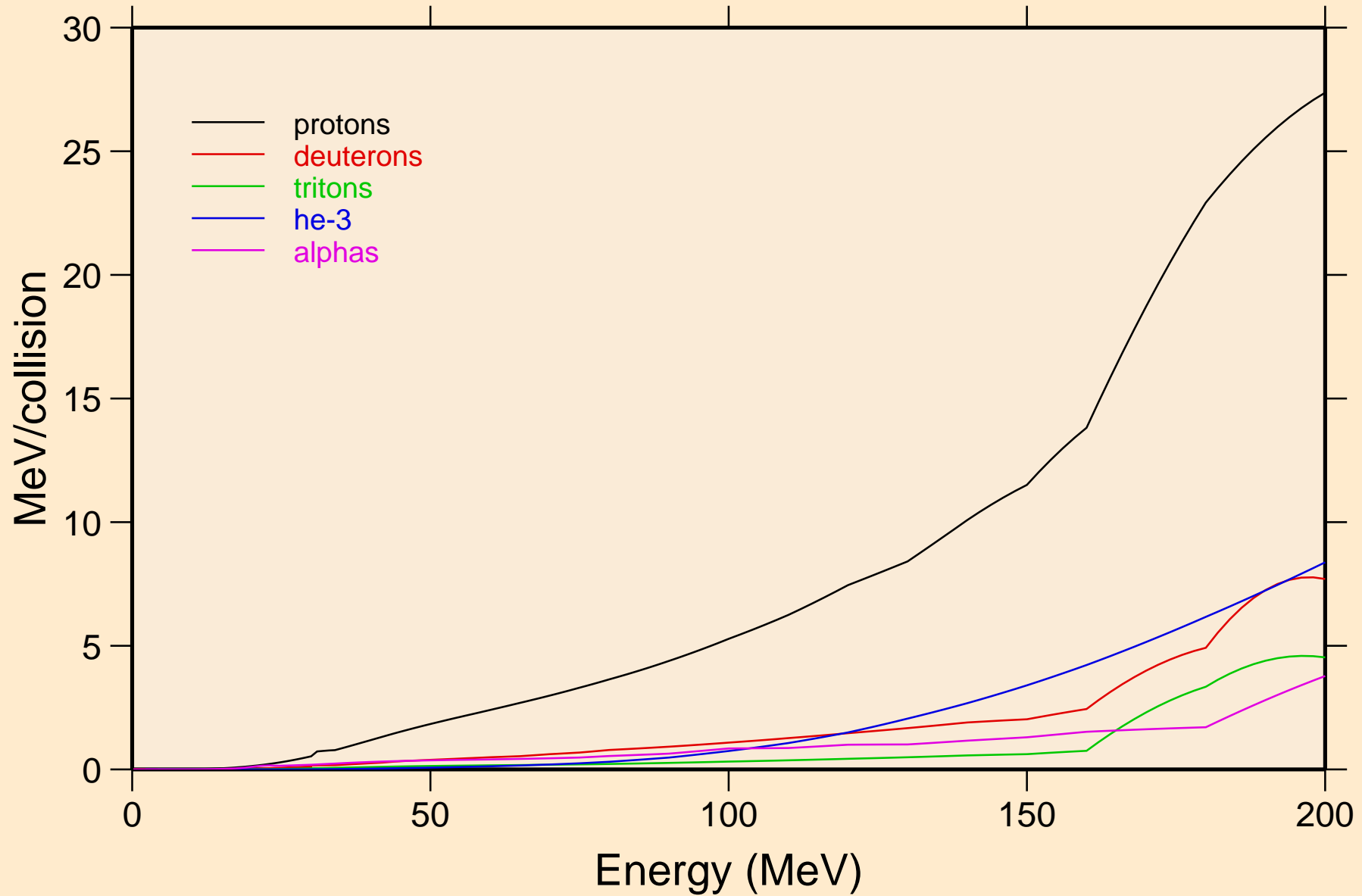


AU191 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



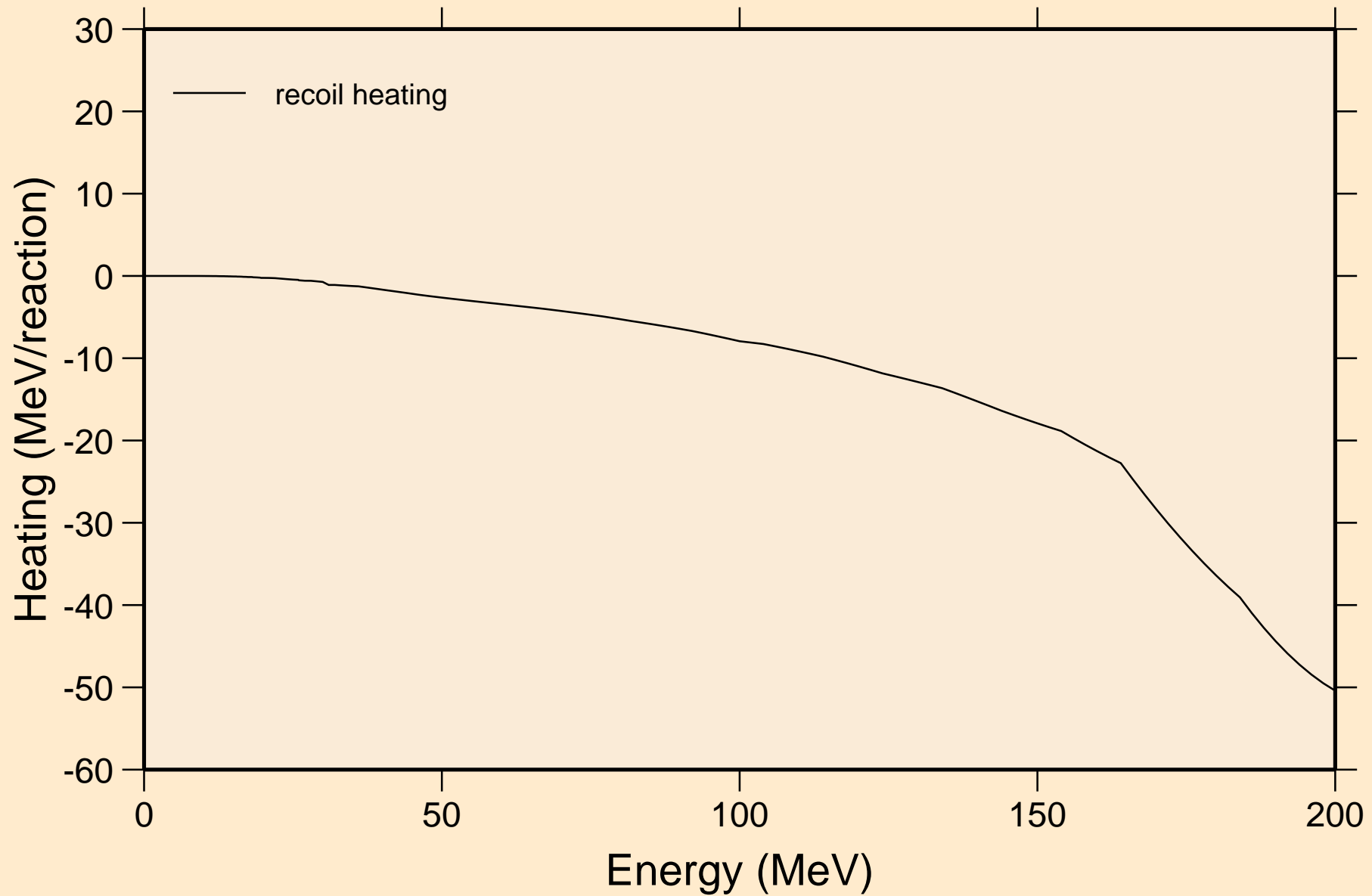
# AU191 NRG TENDL-2015, AKONING

## Particle heating contributions



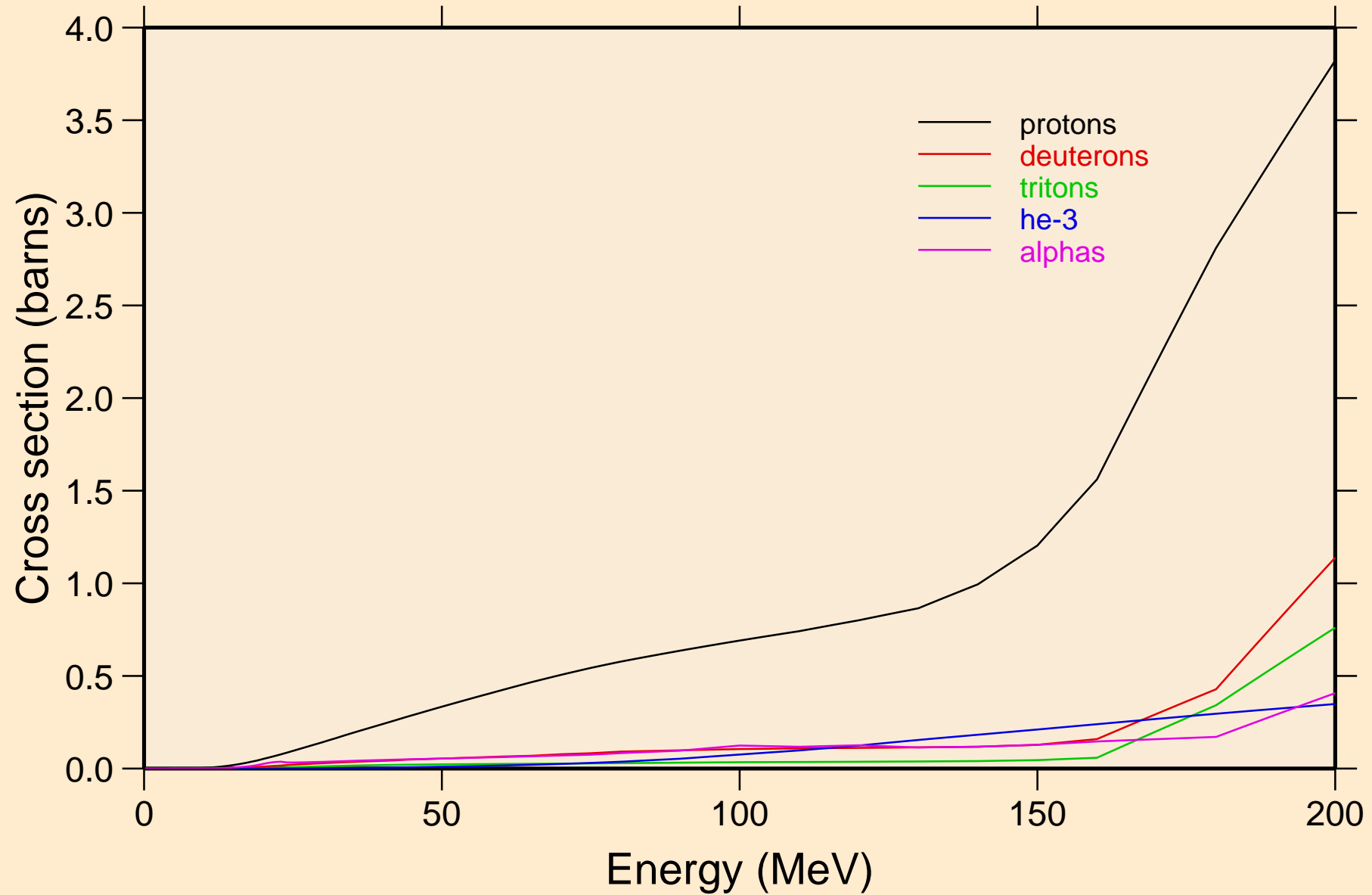
# AU191 NRG TENDL-2015, AKONING

## Recoil Heating

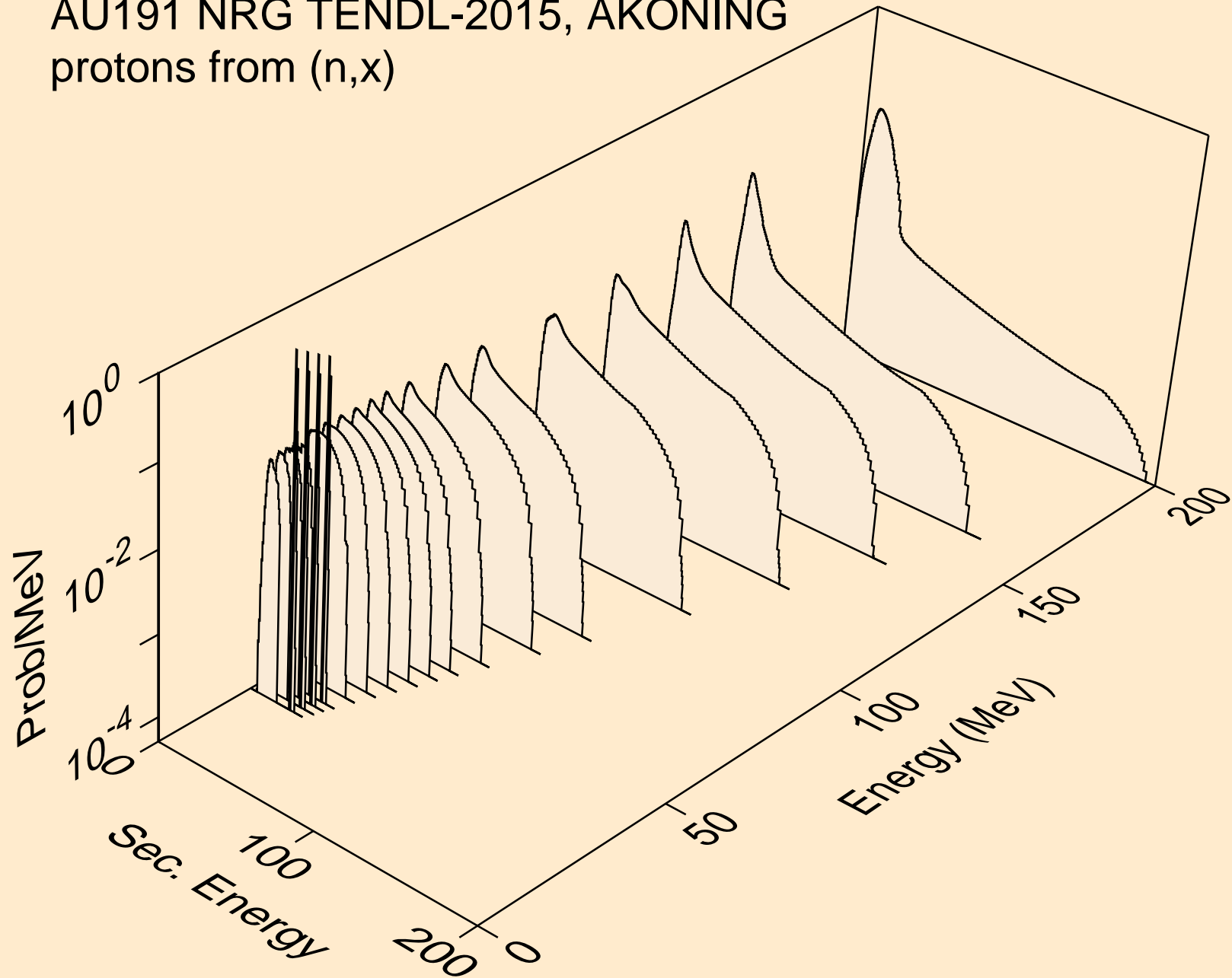


# AU191 NRG TENDL-2015, AKONING

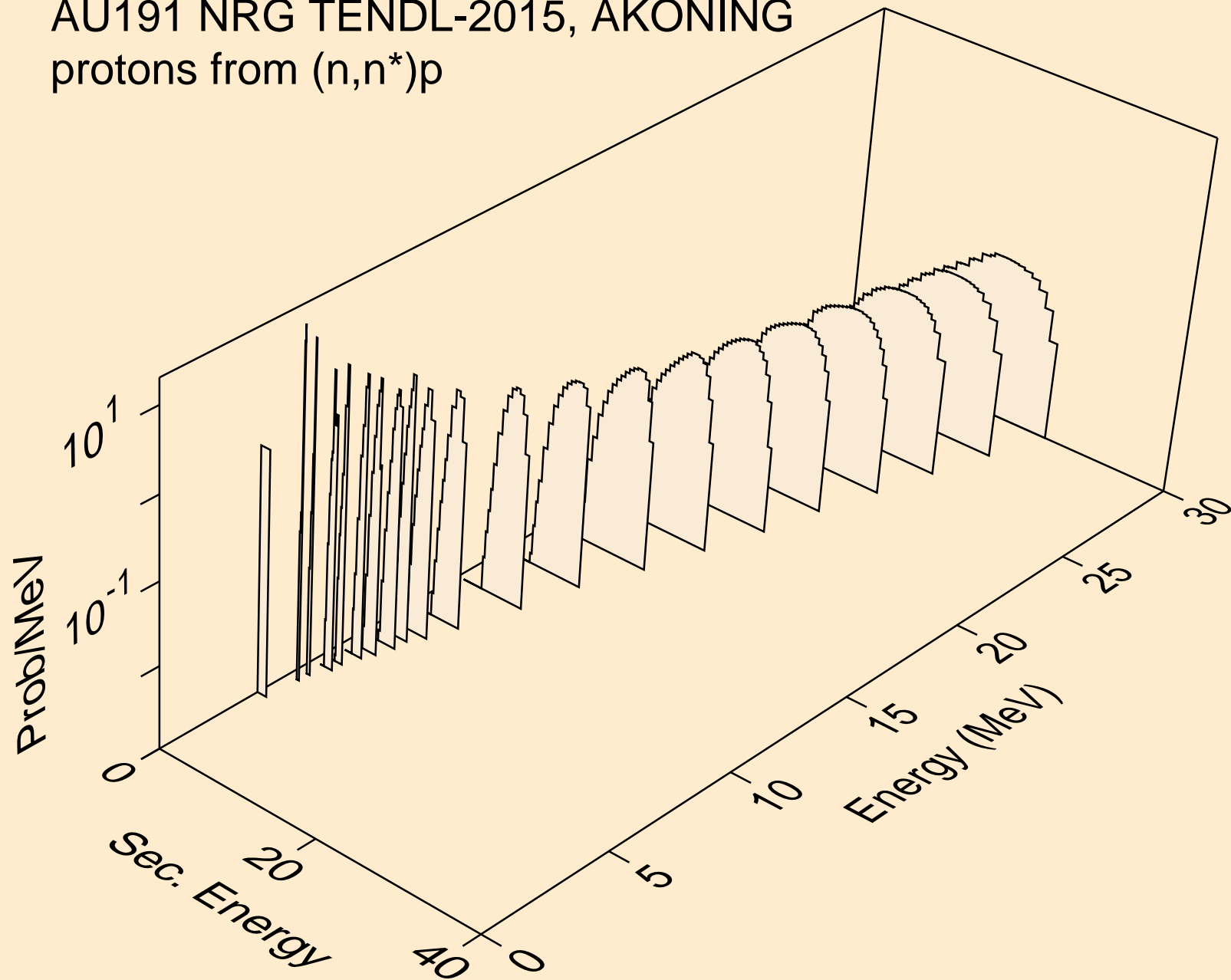
## Particle production cross sections



AU191 NRG TENDL-2015, AKONING  
protons from (n,x)

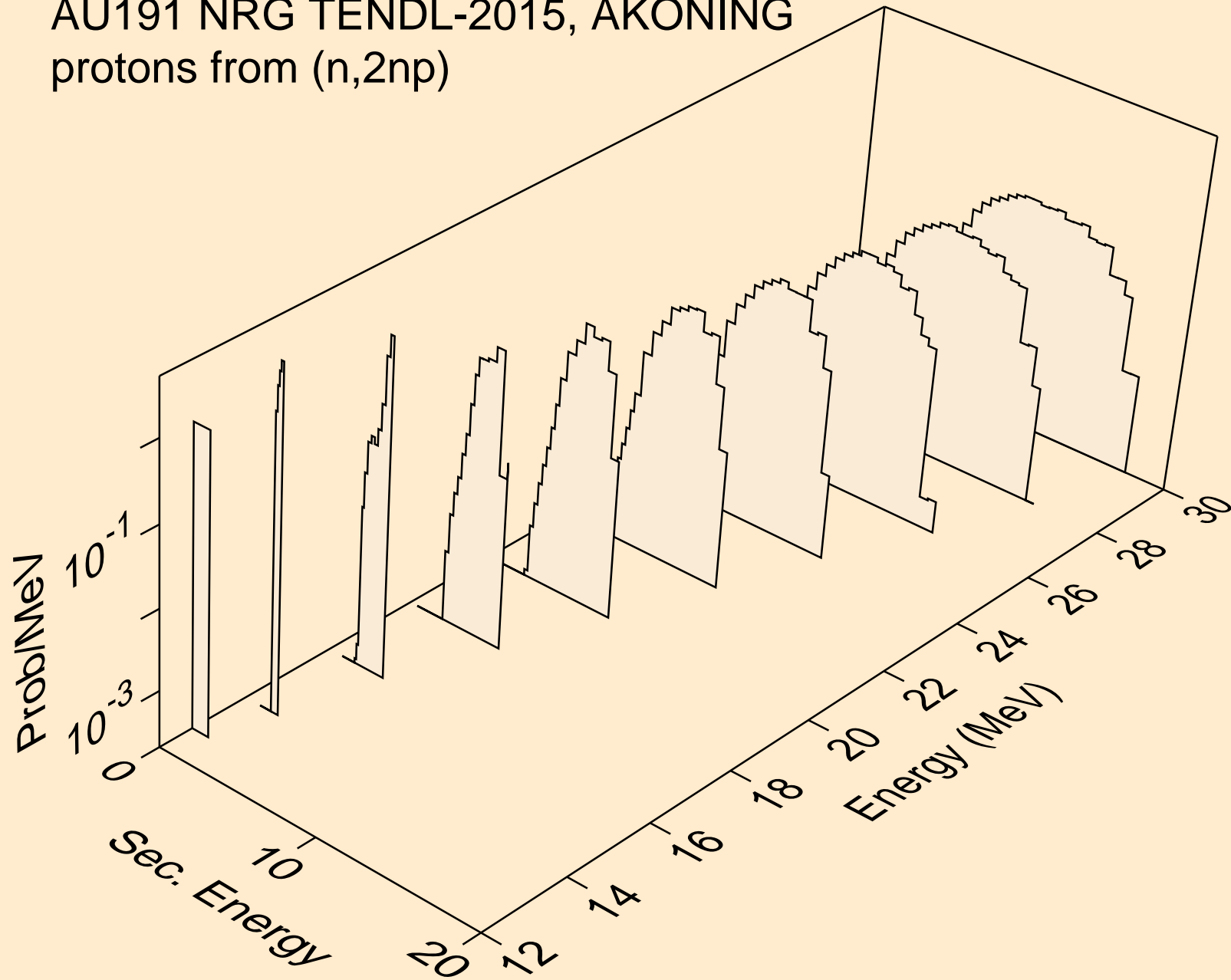


AU191 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

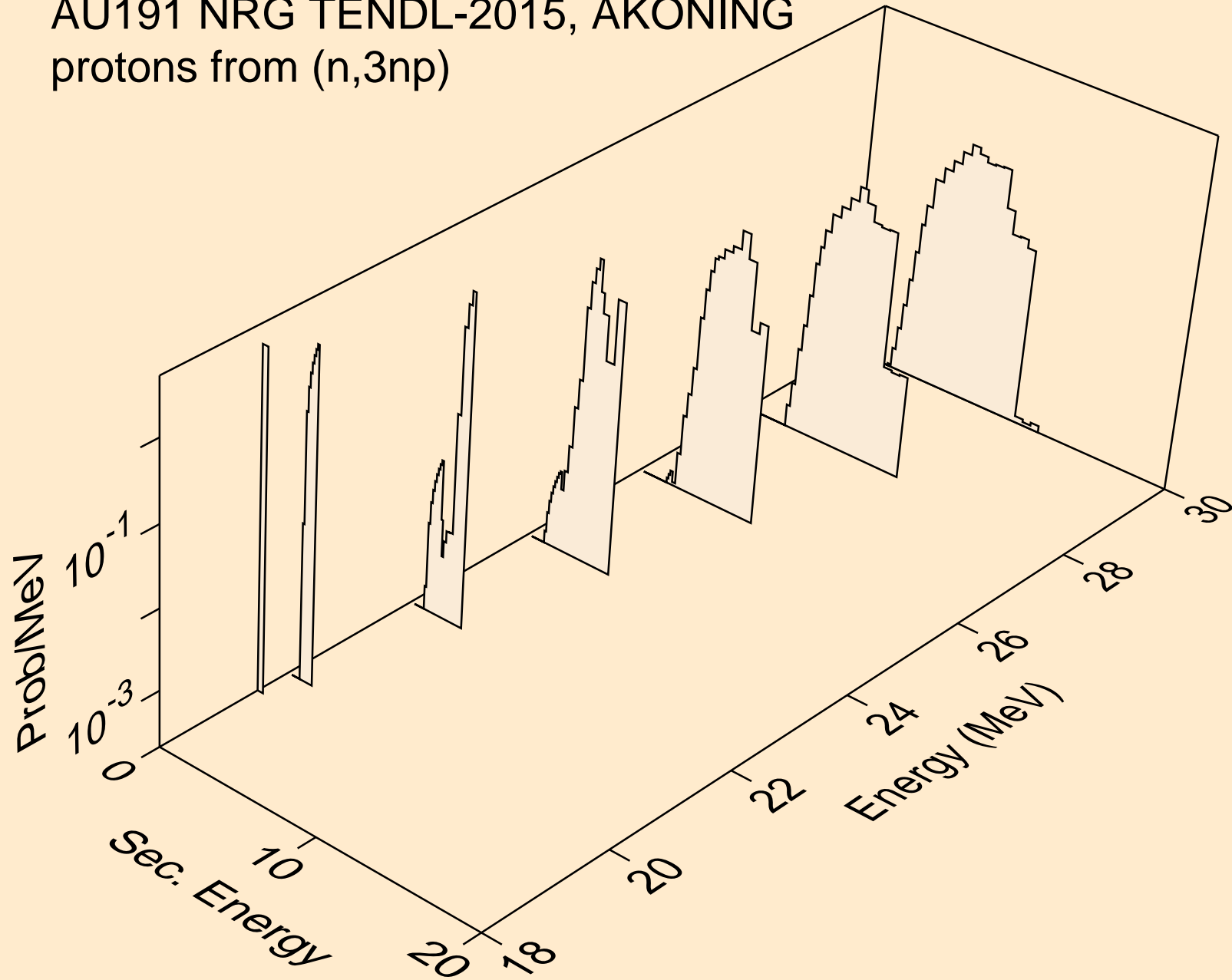




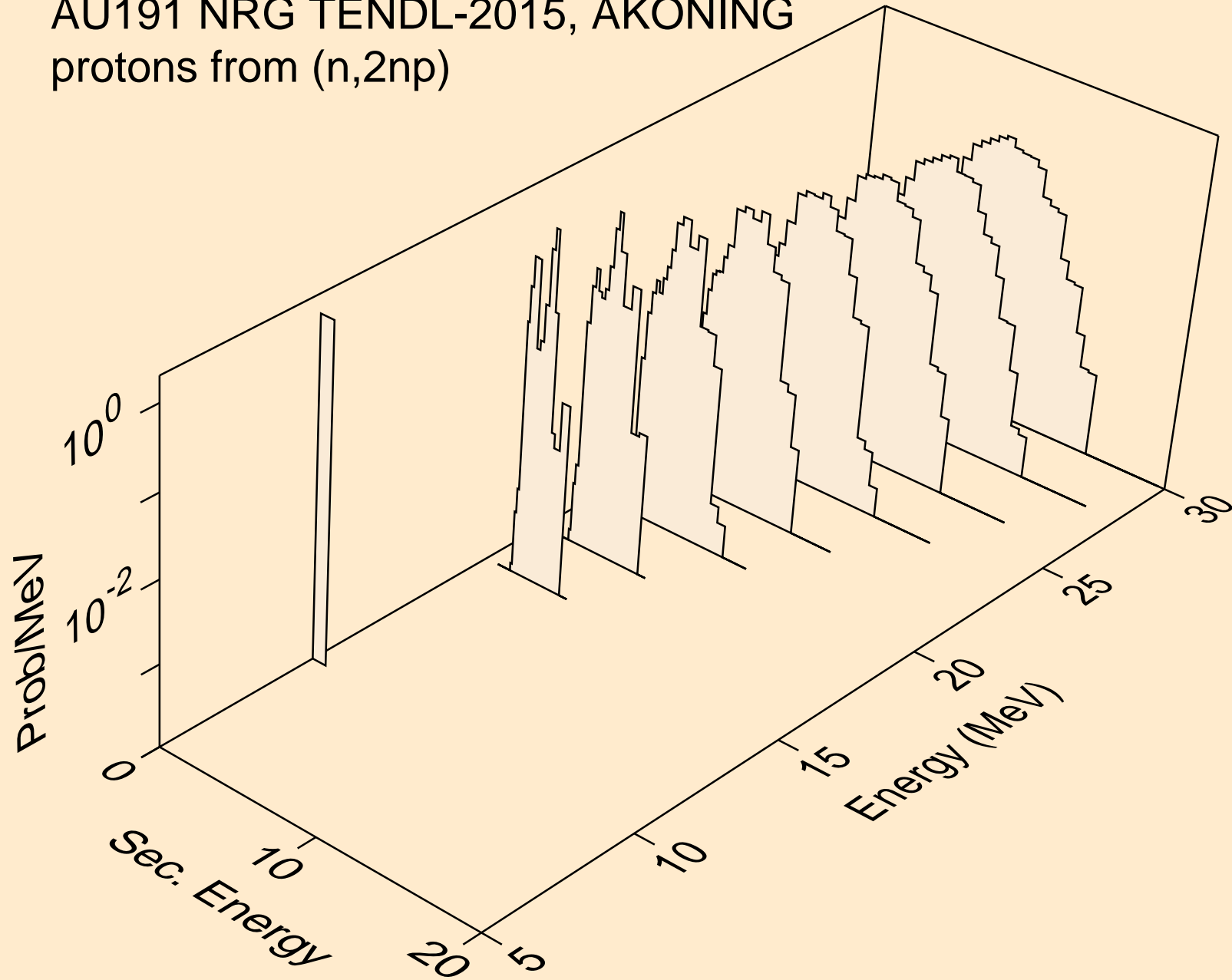
AU191 NRG TENDL-2015, AKONING  
protons from (n,2np)



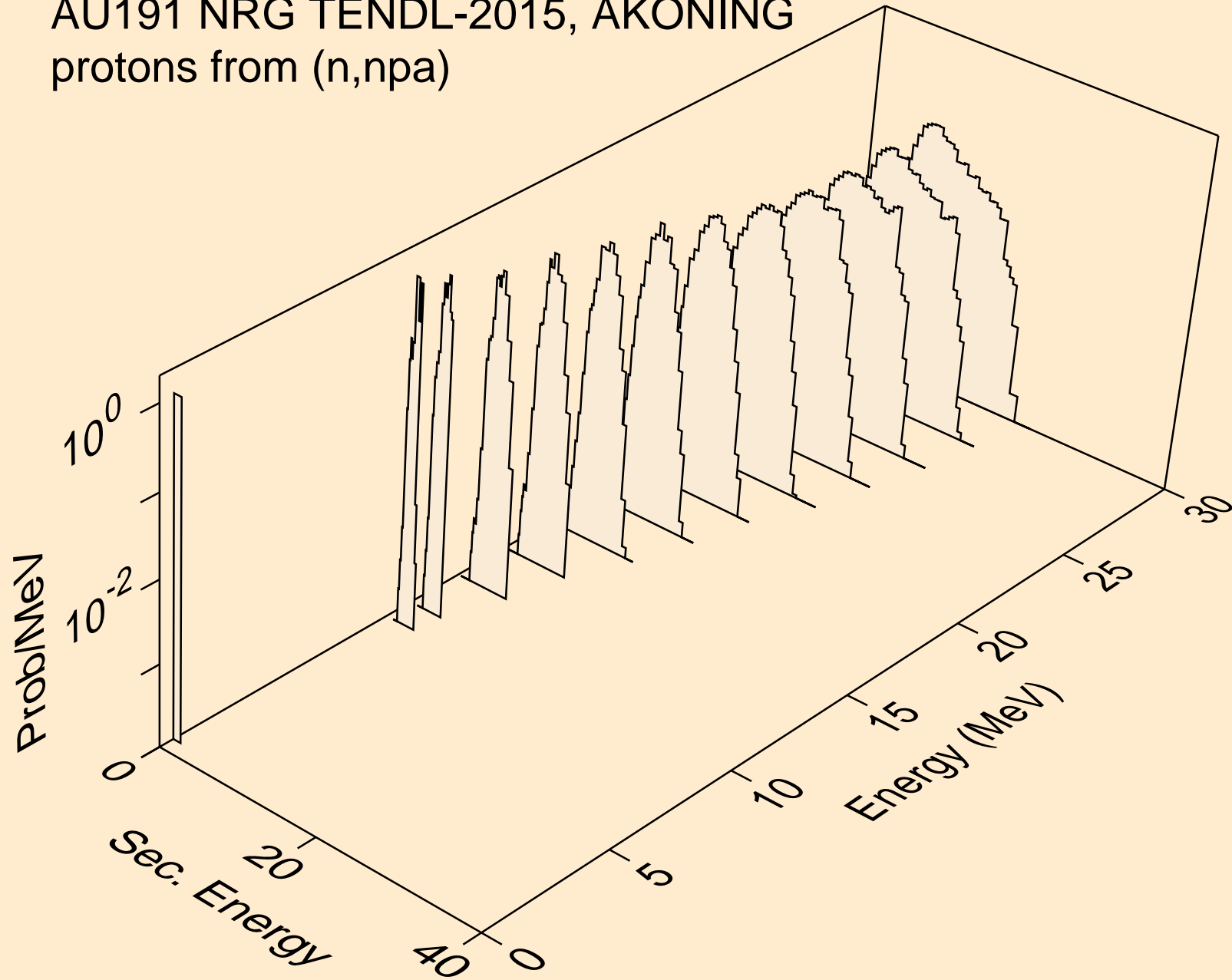
AU191 NRG TENDL-2015, AKONING  
protons from (n,3np)



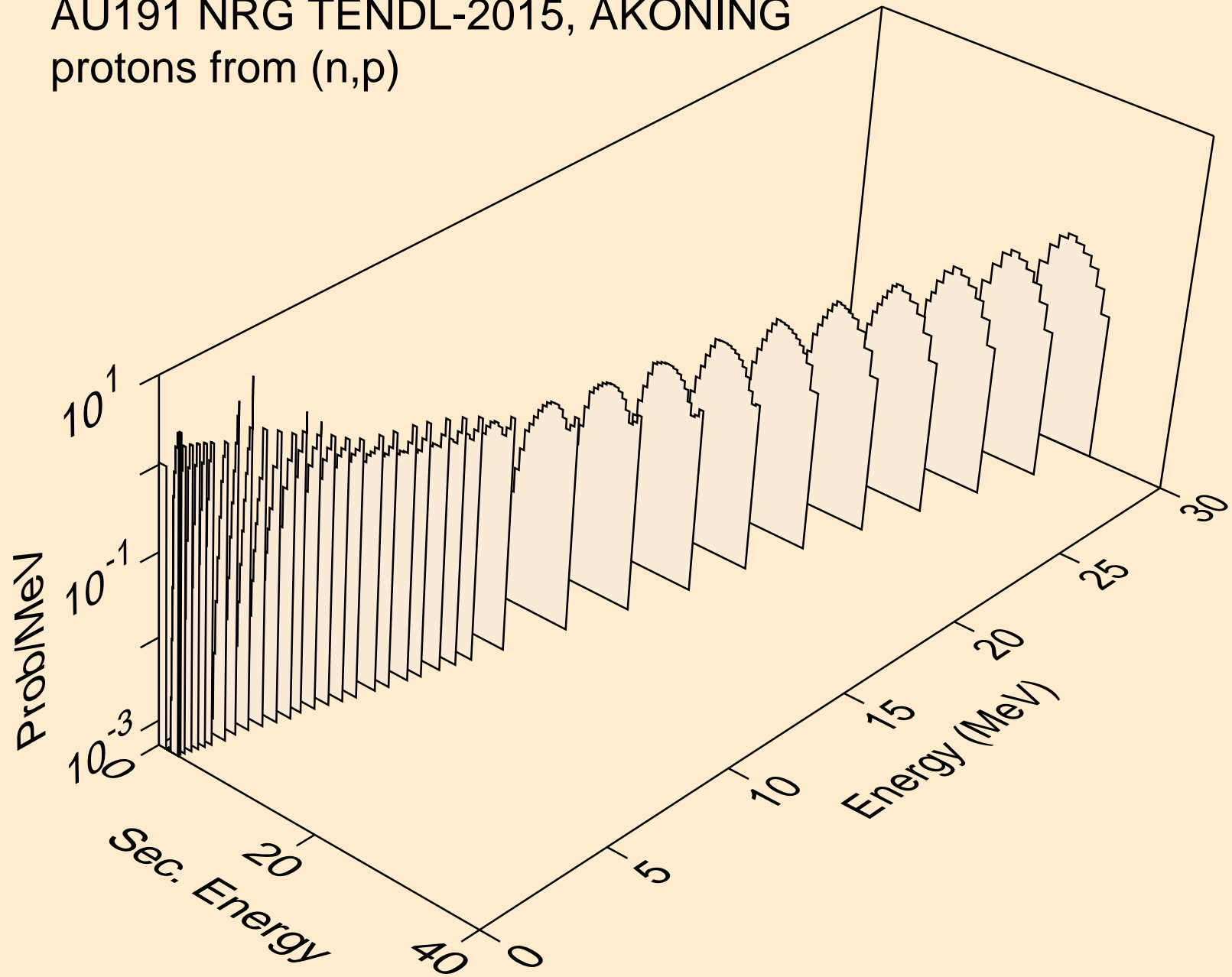
AU191 NRG TENDL-2015, AKONING  
protons from (n,2np)



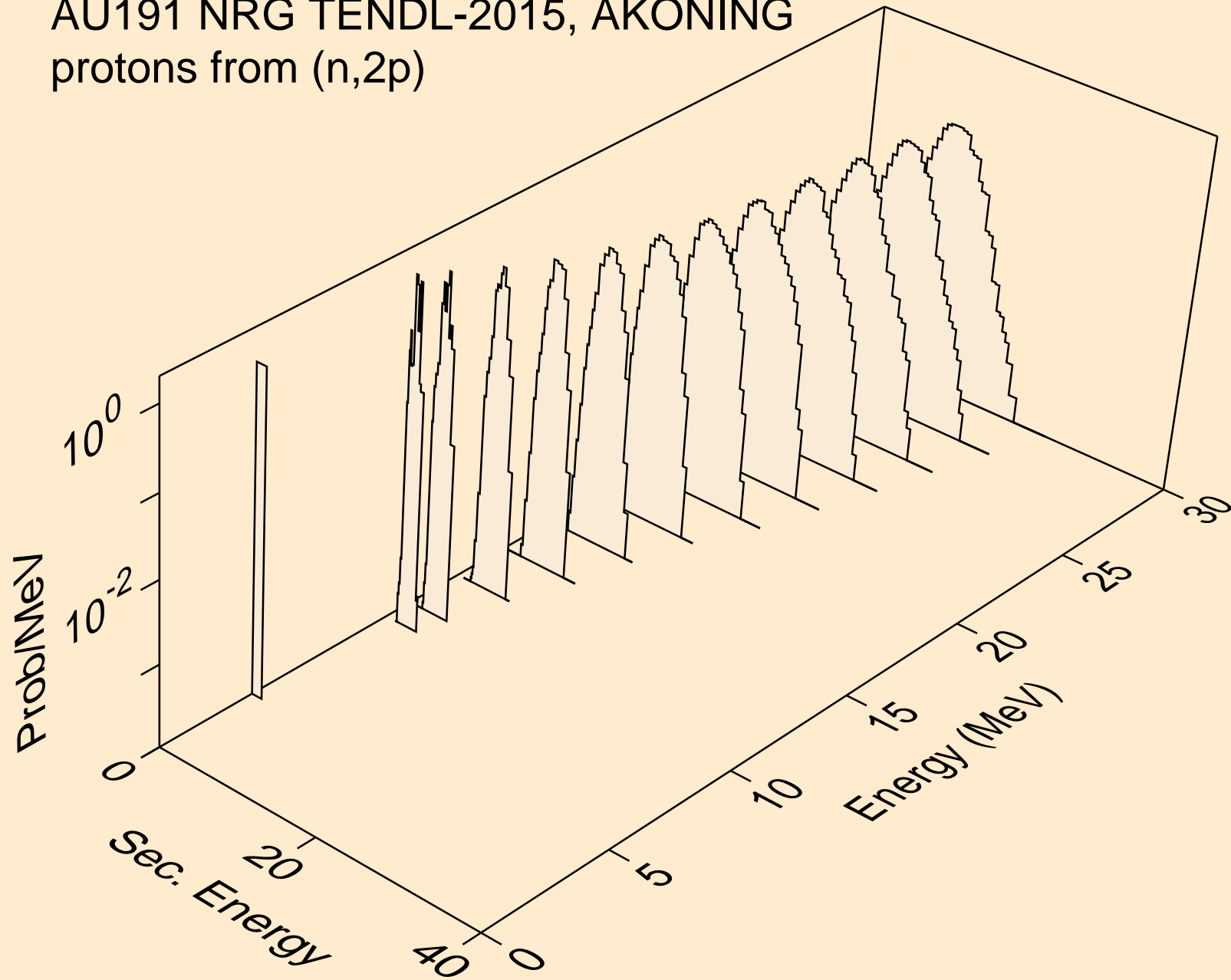
AU191 NRG TENDL-2015, AKONING  
protons from (n,npa)



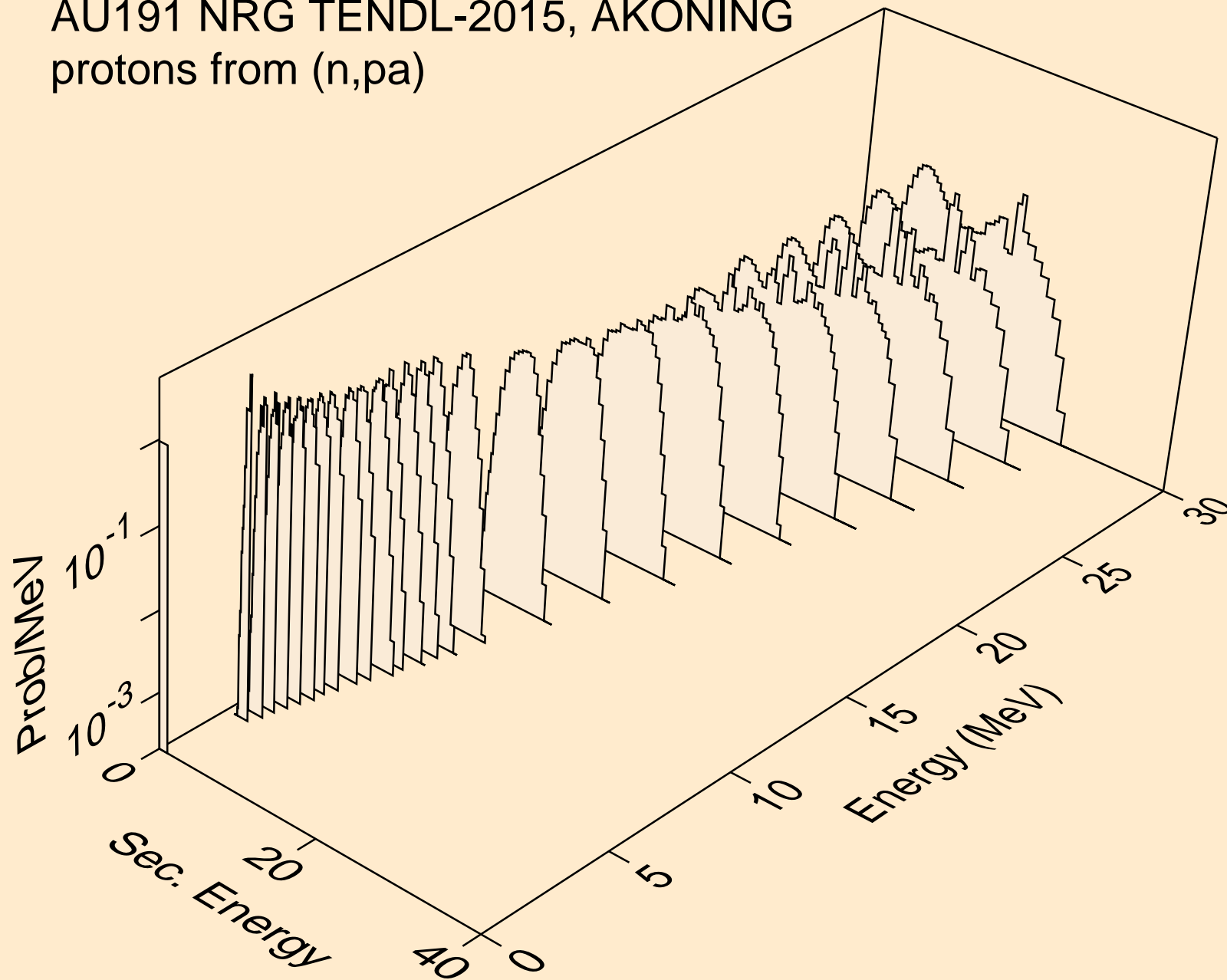
AU191 NRG TENDL-2015, AKONING  
protons from (n,p)



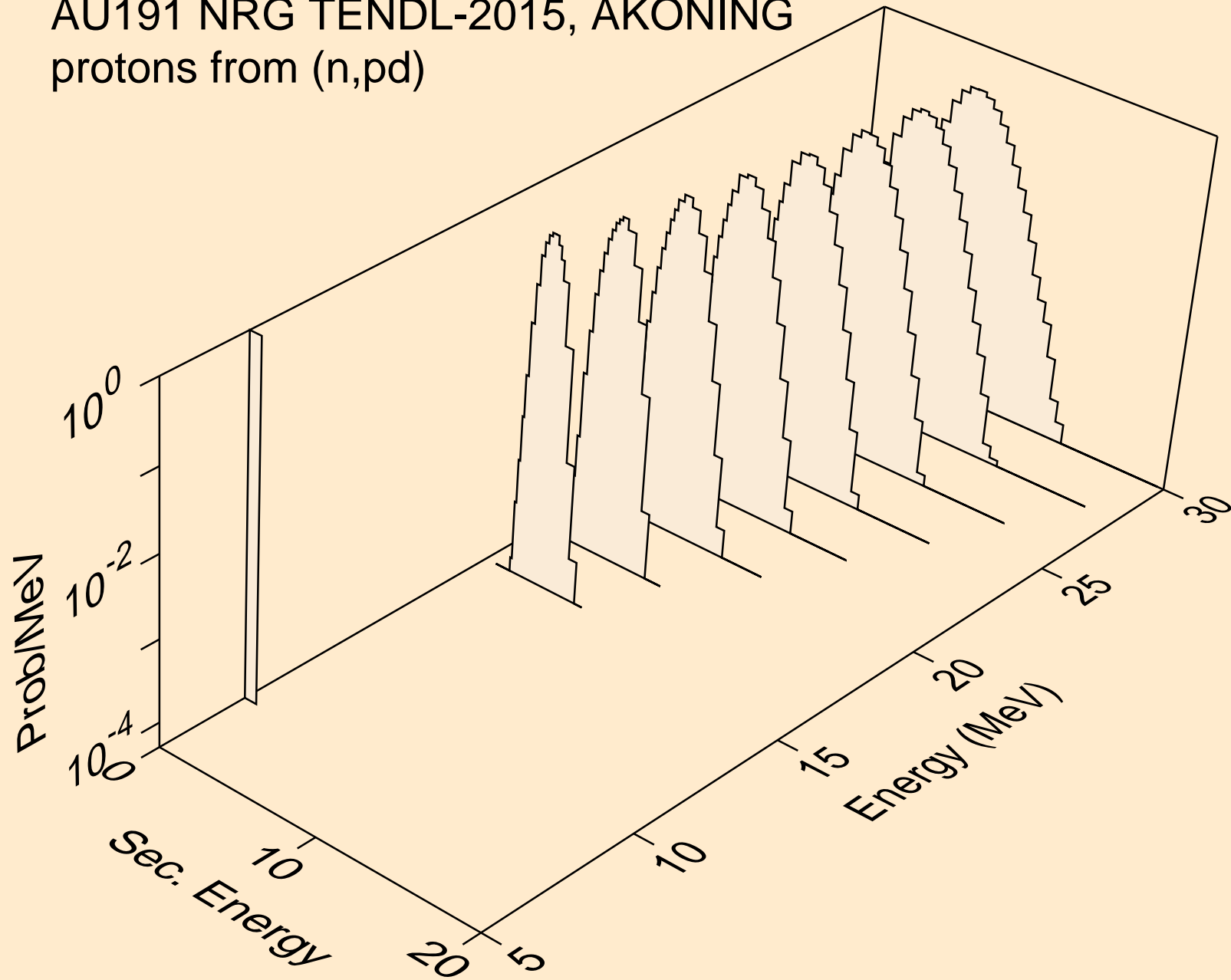
AU191 NRG TENDL-2015, AKONING  
protons from (n,2p)



AU191 NRG TENDL-2015, AKONING  
protons from (n,pa)

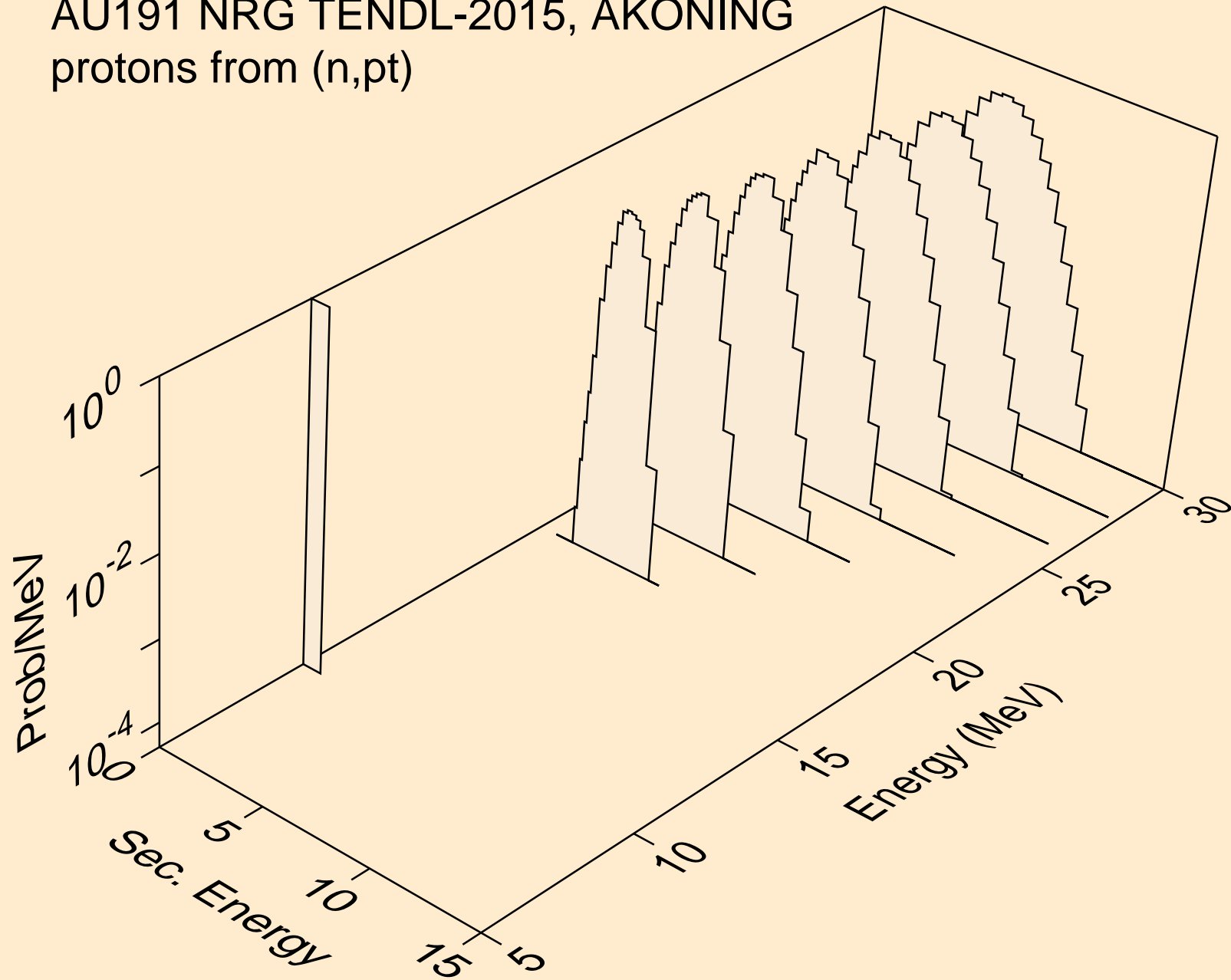


AU191 NRG TENDL-2015, AKONING  
protons from (n,pd)

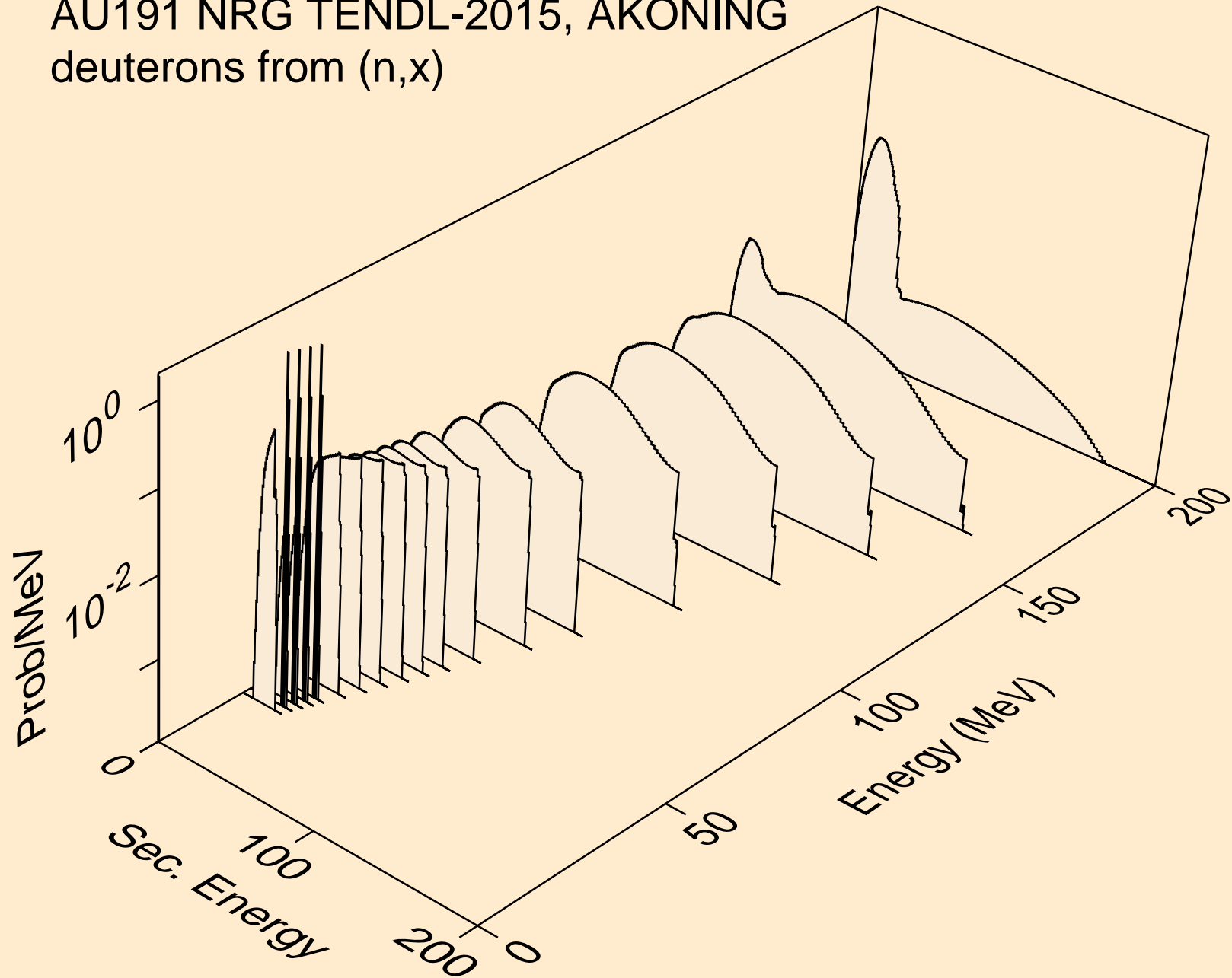




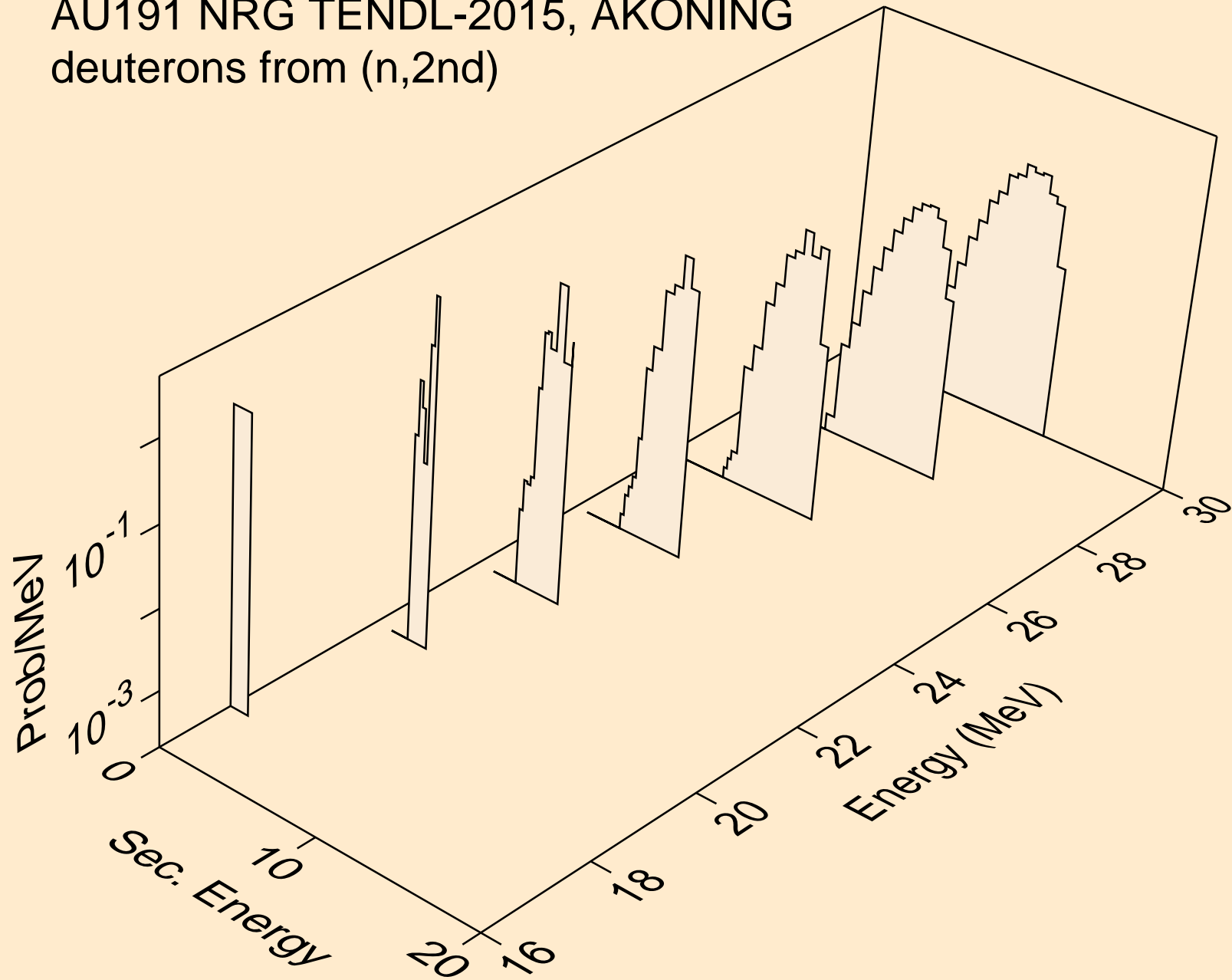
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protons from (n,pt)



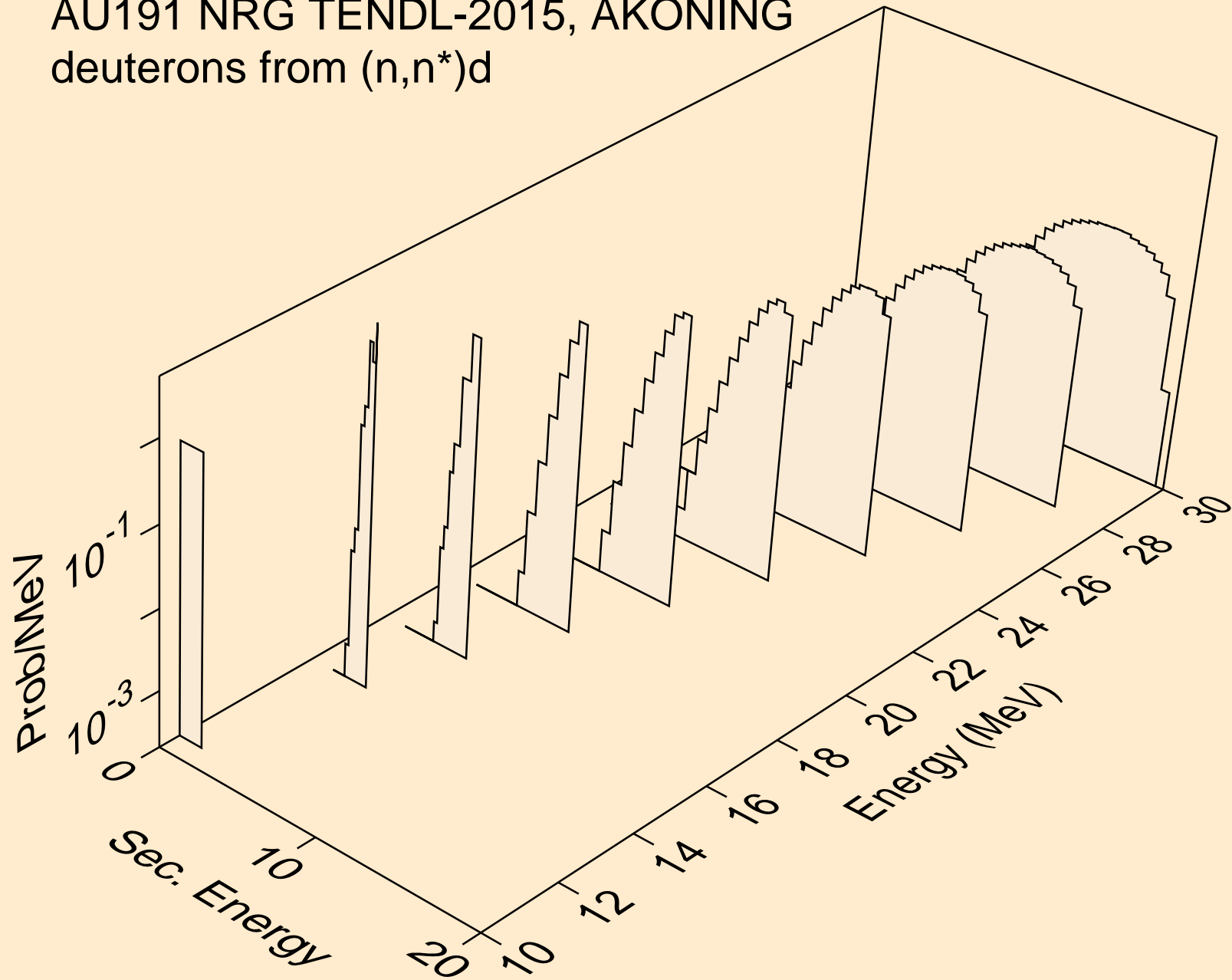
AU191 NRG TENDL-2015, AKONING  
deuterons from (n,x)



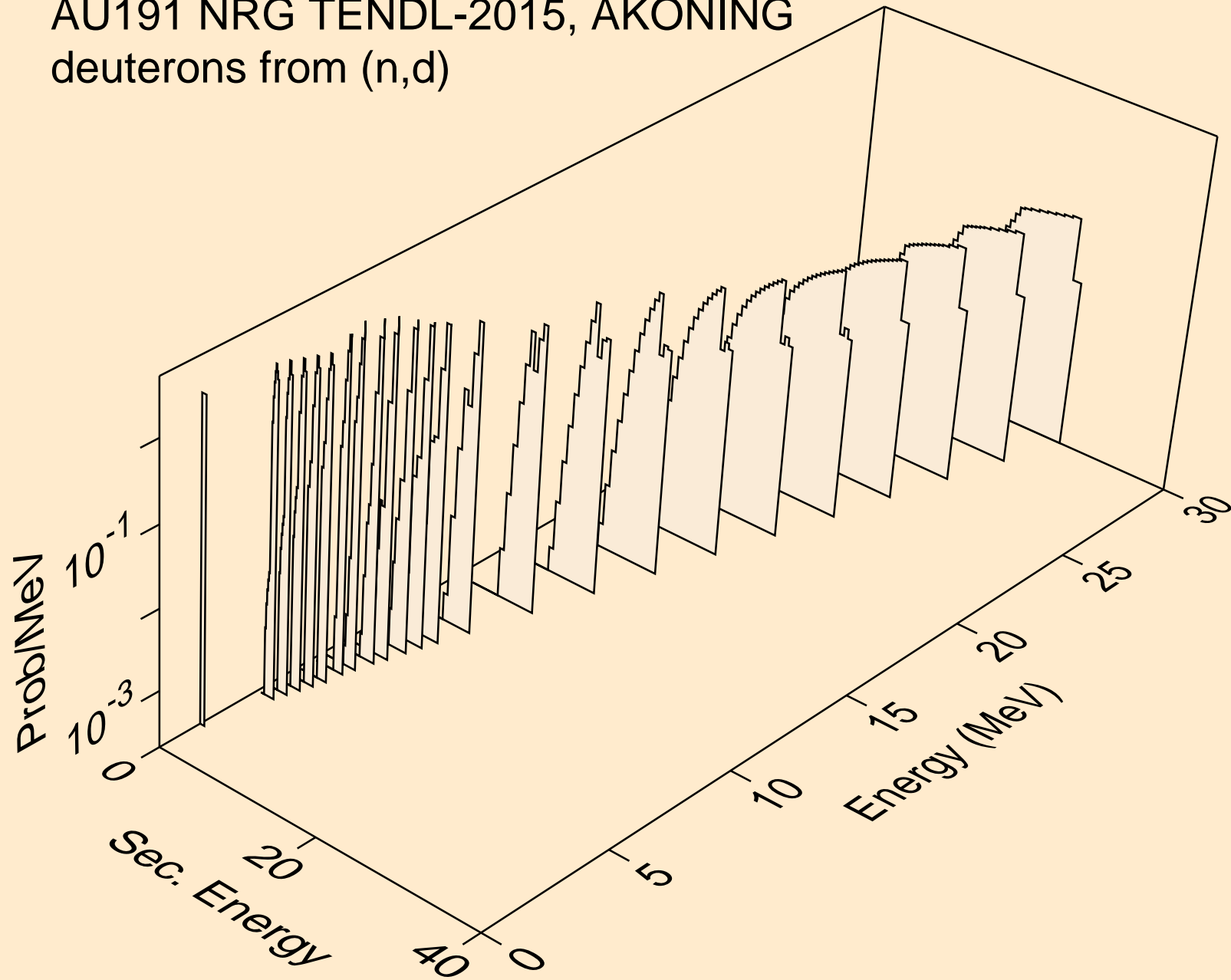
AU191 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



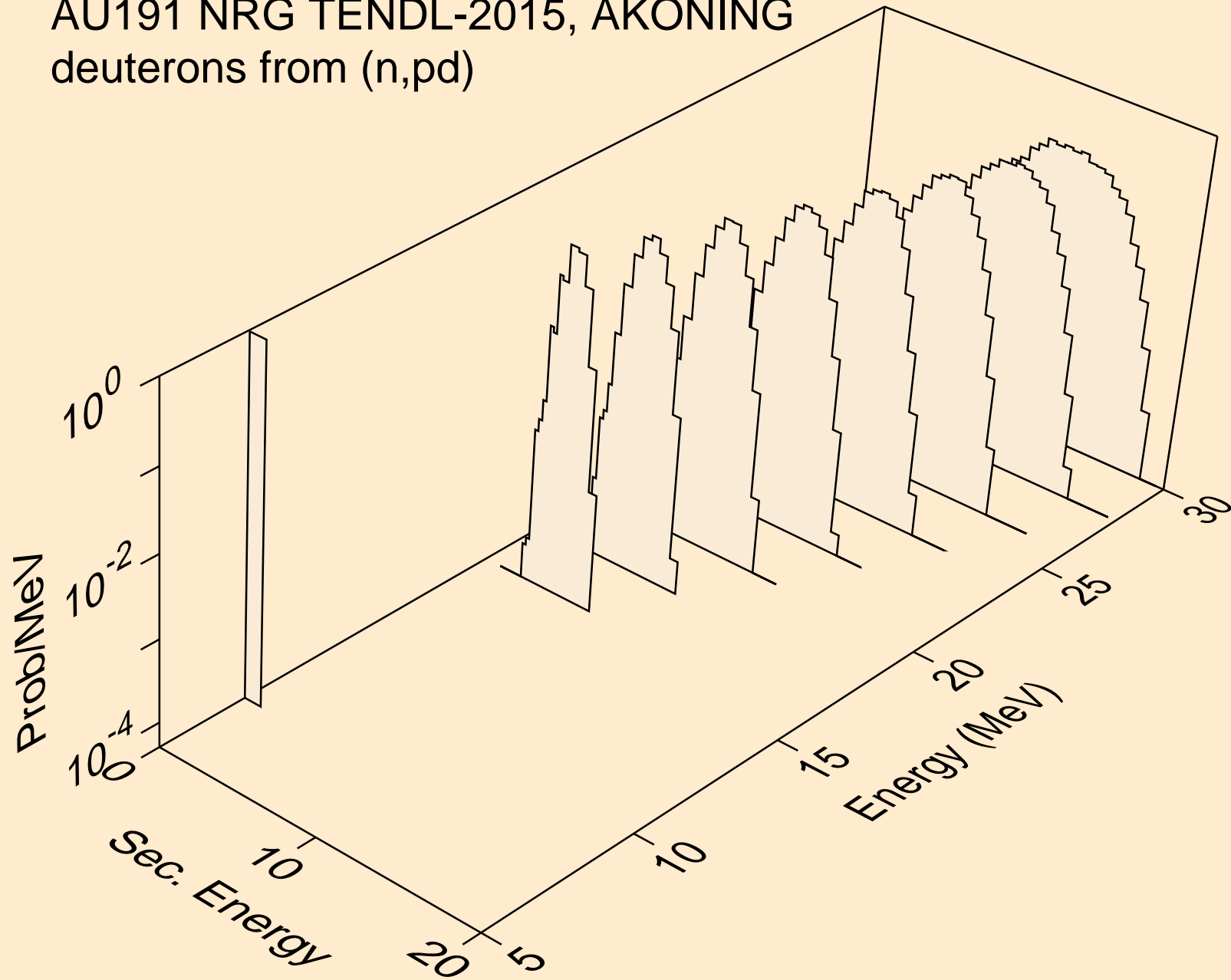
AU191 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



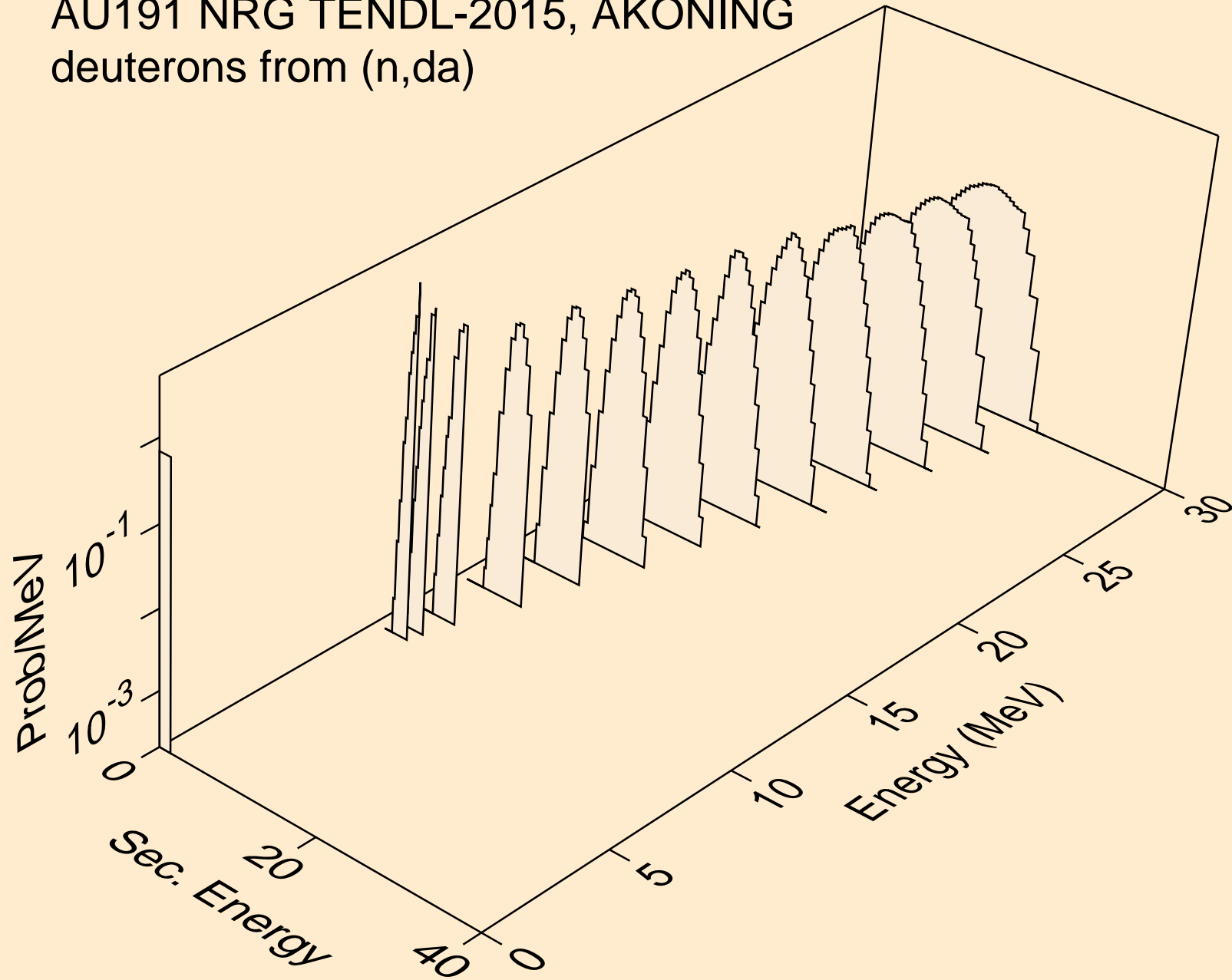
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deuterons from (n,d)



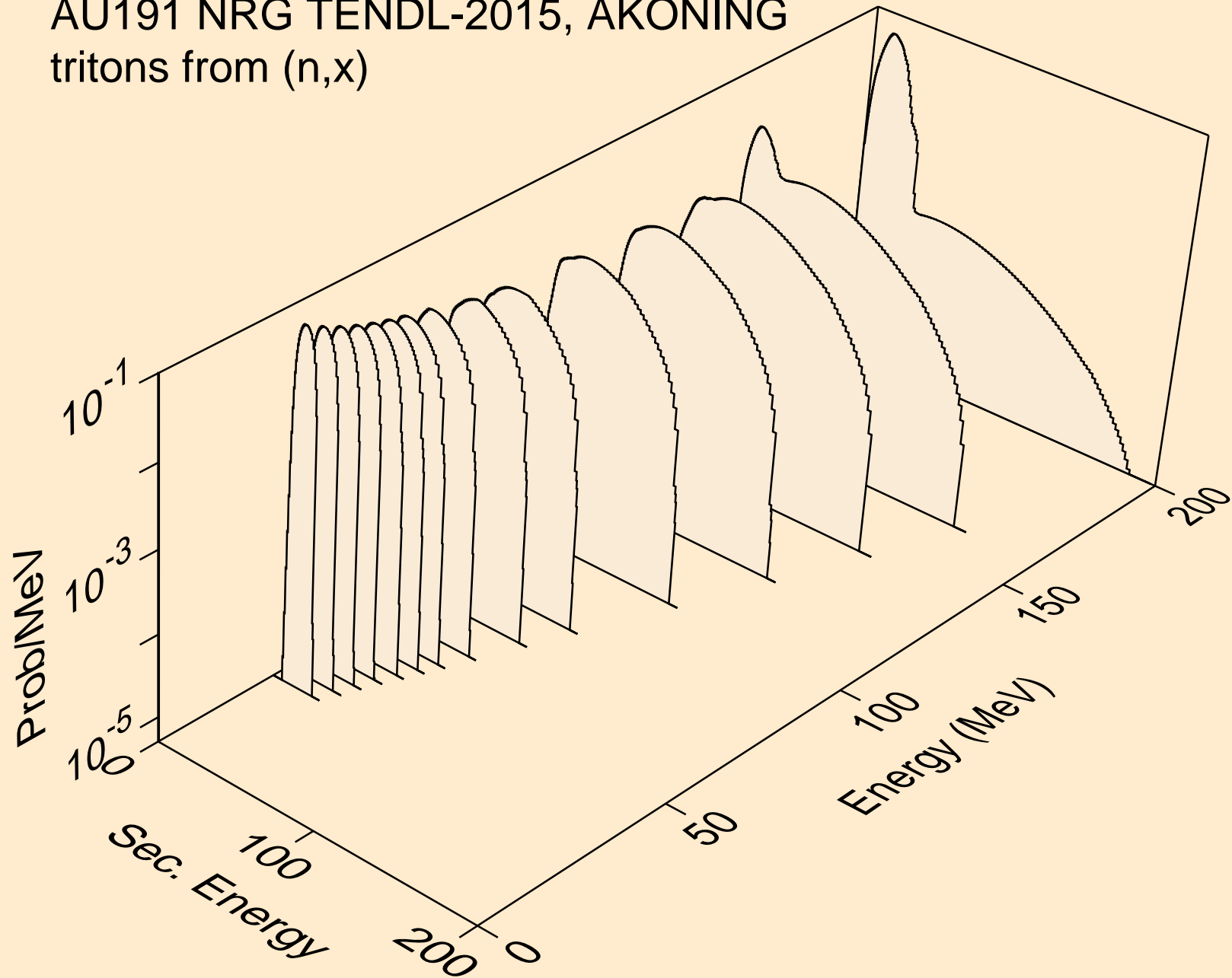
AU191 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



AU191 NRG TENDL-2015, AKONING  
deuterons from (n,da)

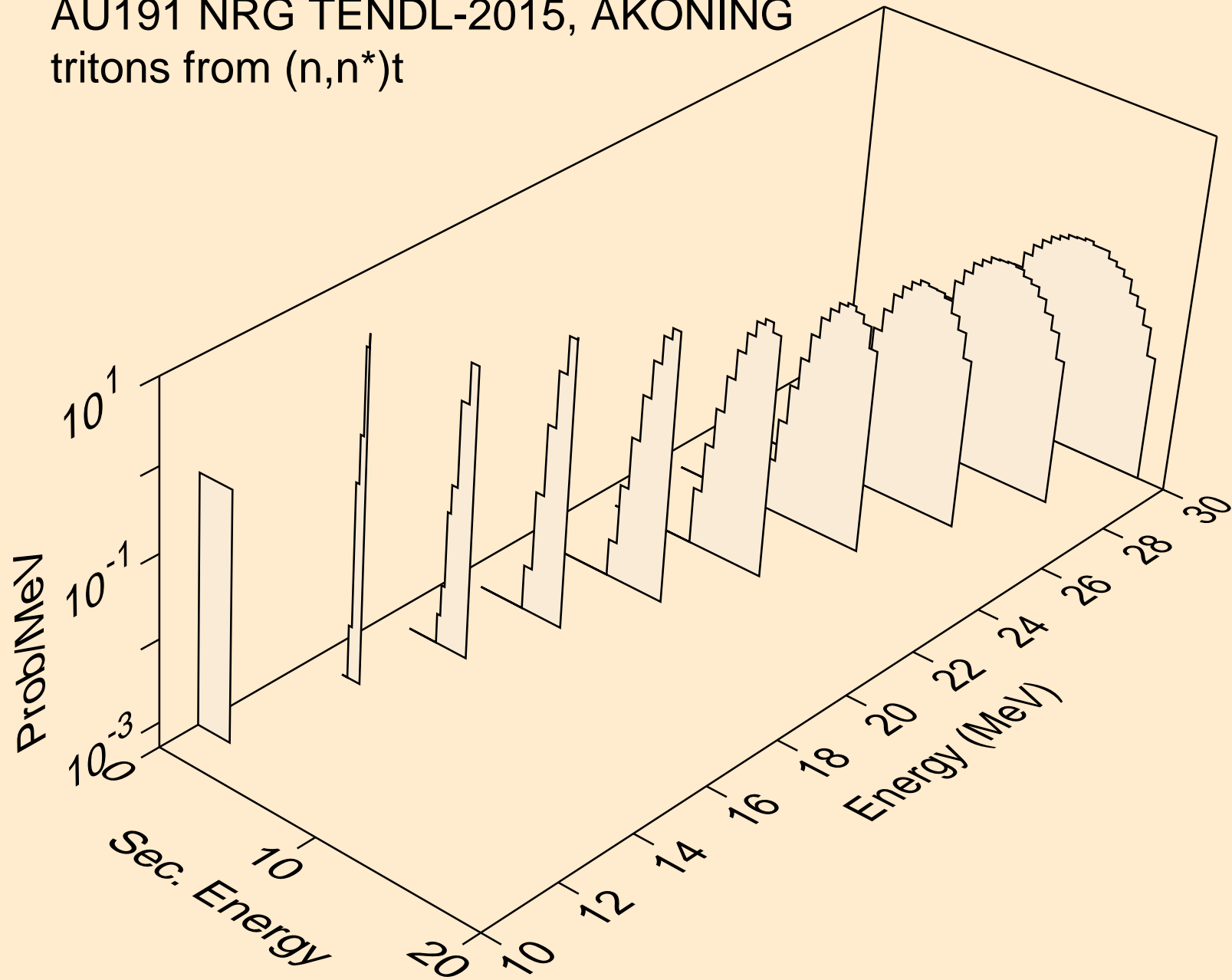


AU191 NRG TENDL-2015, AKONING  
tritons from (n,x)

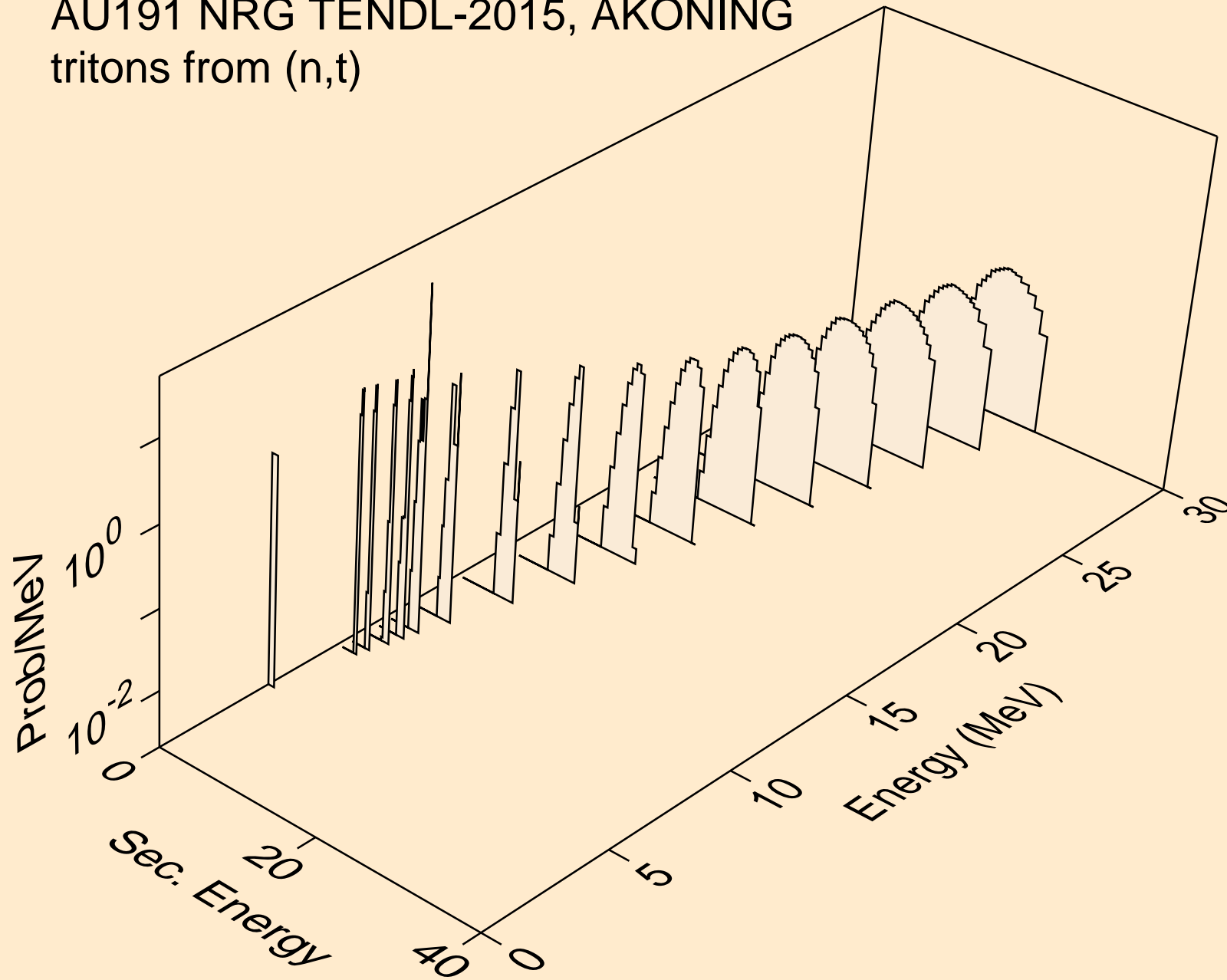




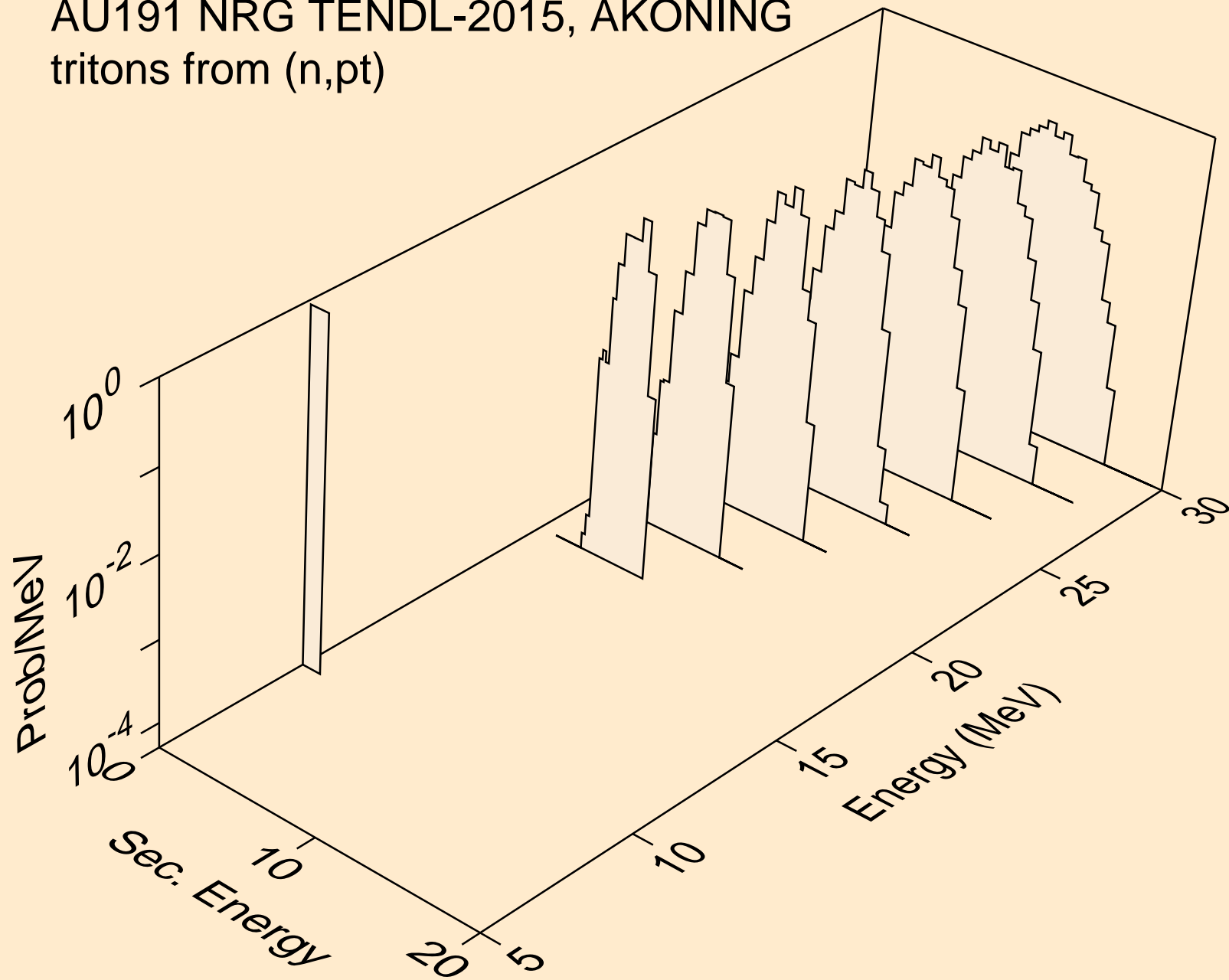
AU191 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



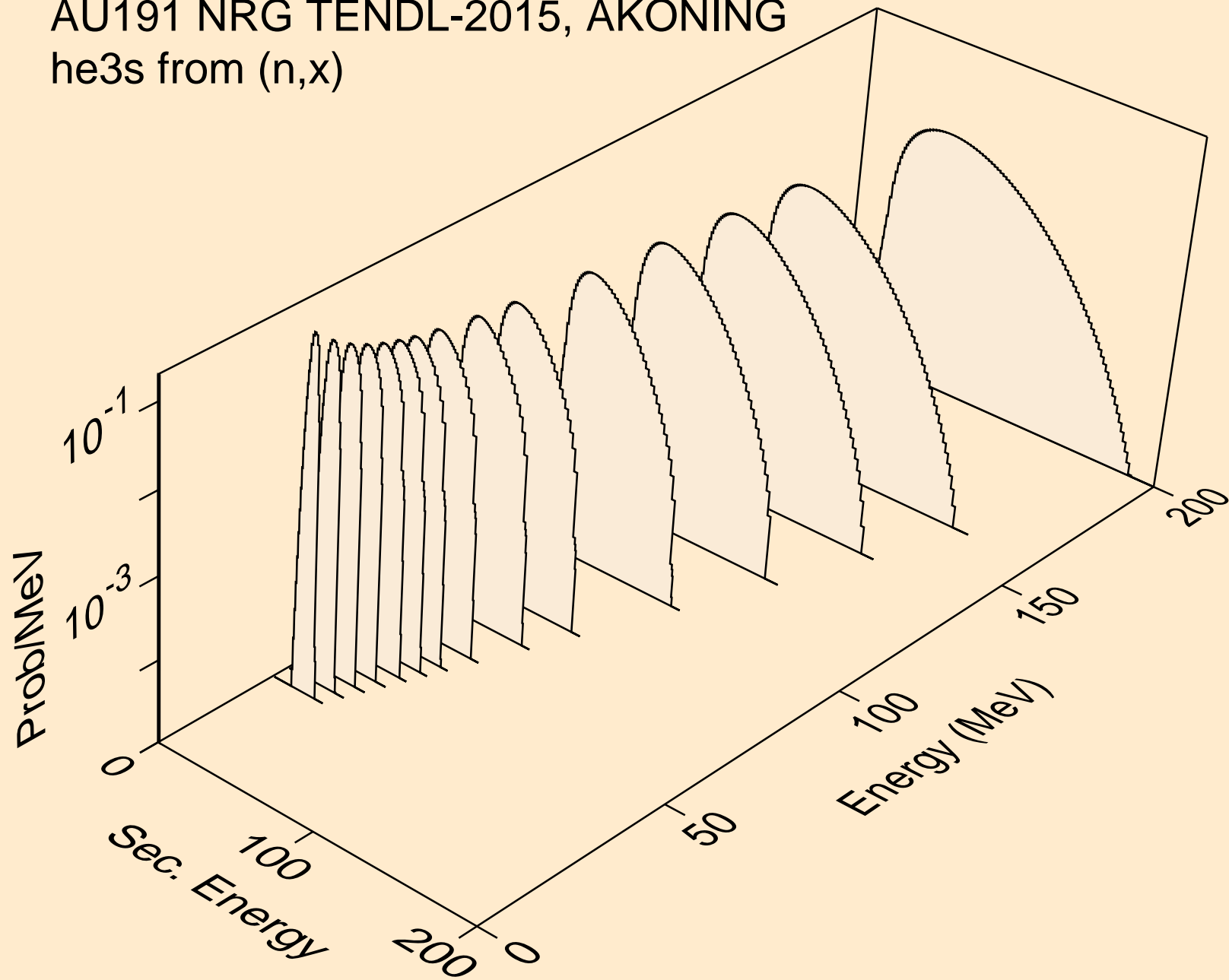
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tritons from (n,t)



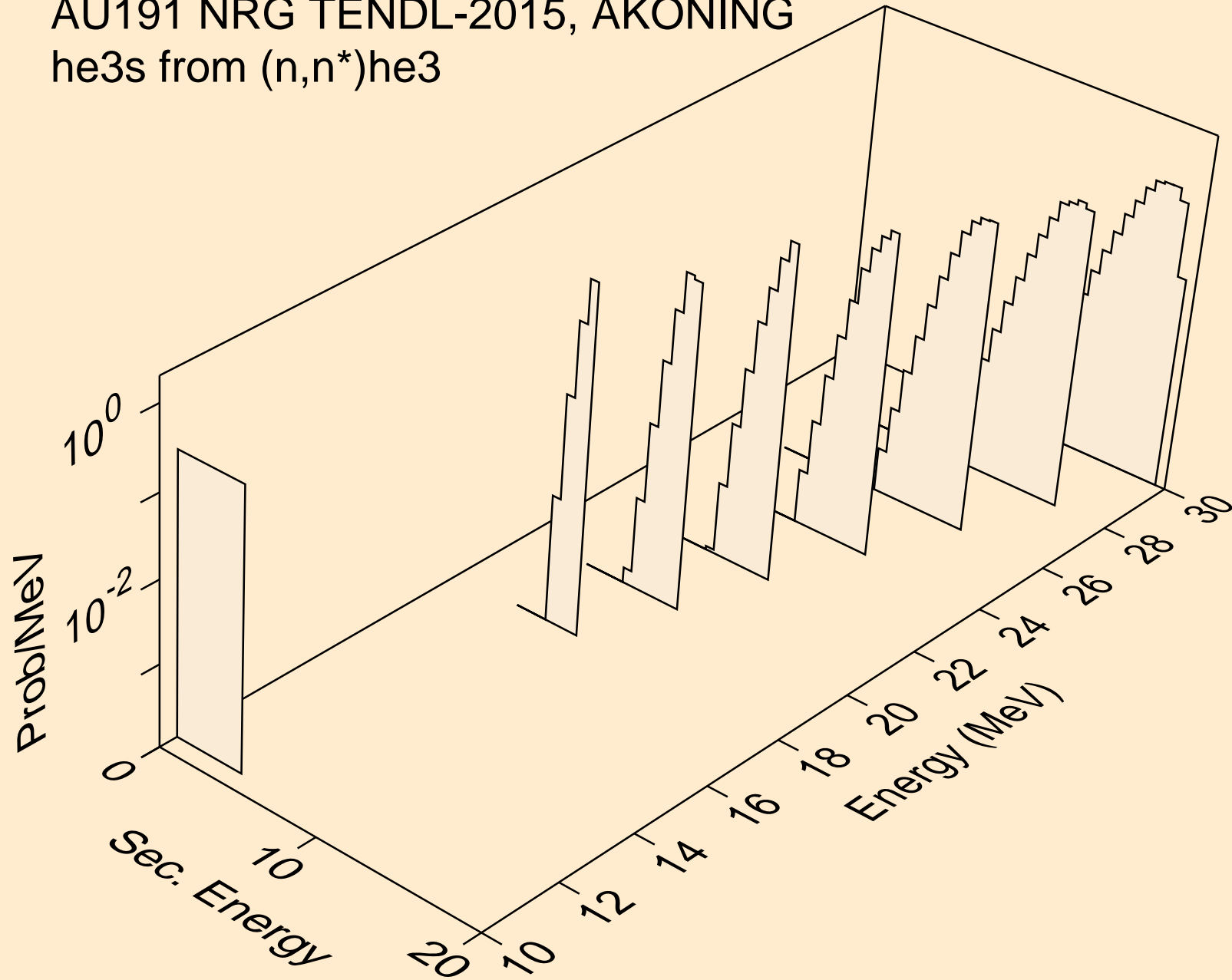
AU191 NRG TENDL-2015, AKONING  
tritons from (n,pt)



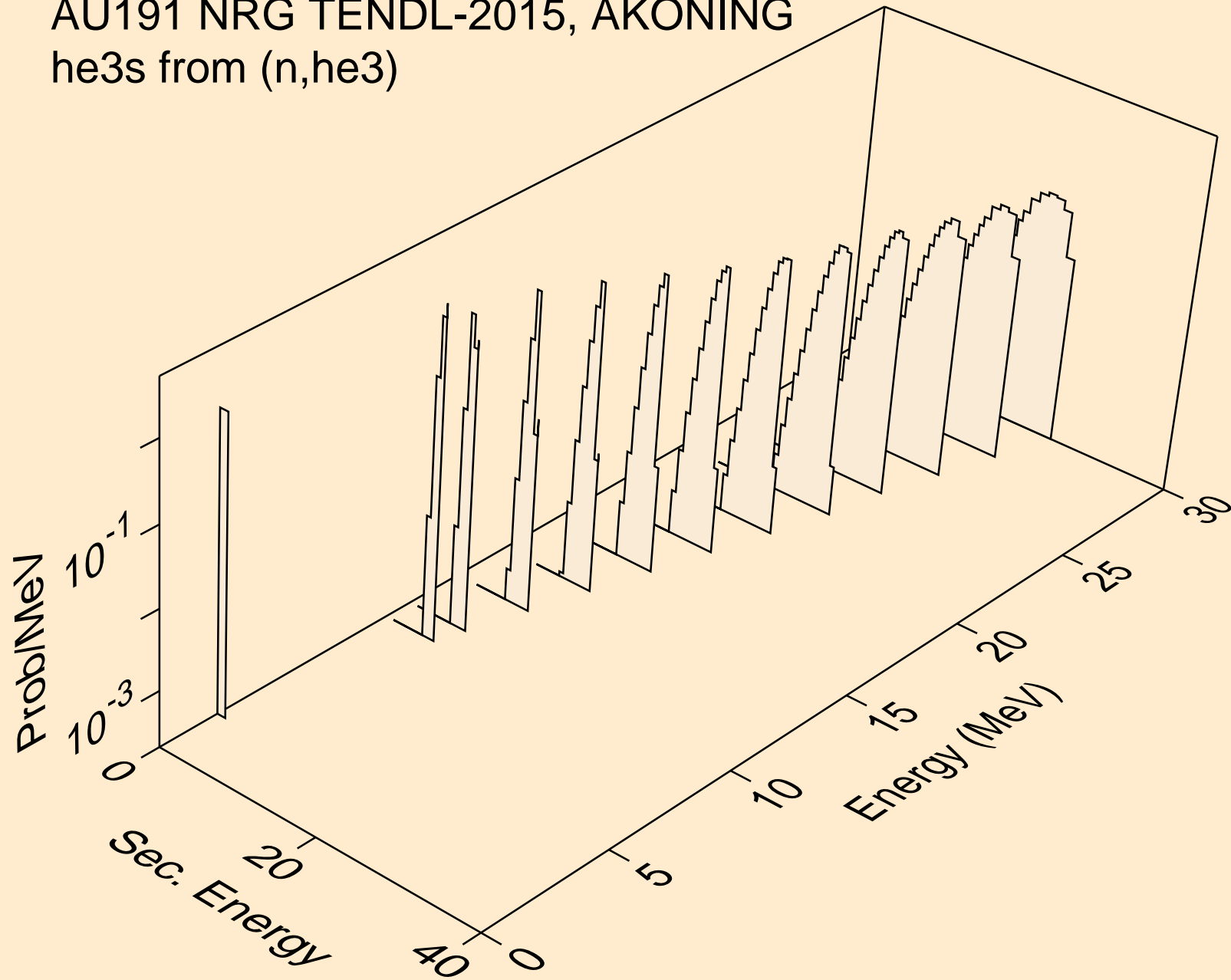
AU191 NRG TENDL-2015, AKONING  
he3s from (n,x)



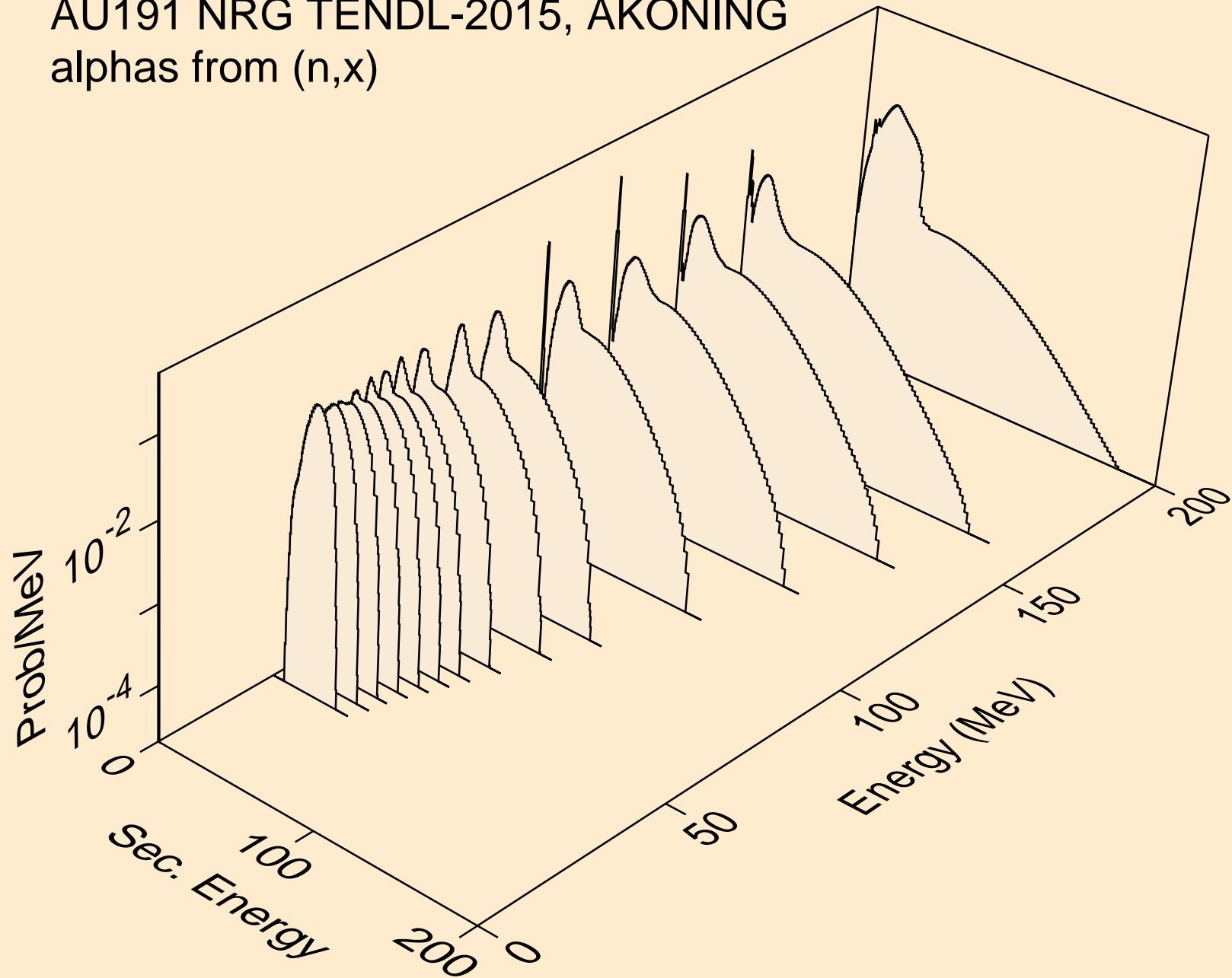
AU191 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



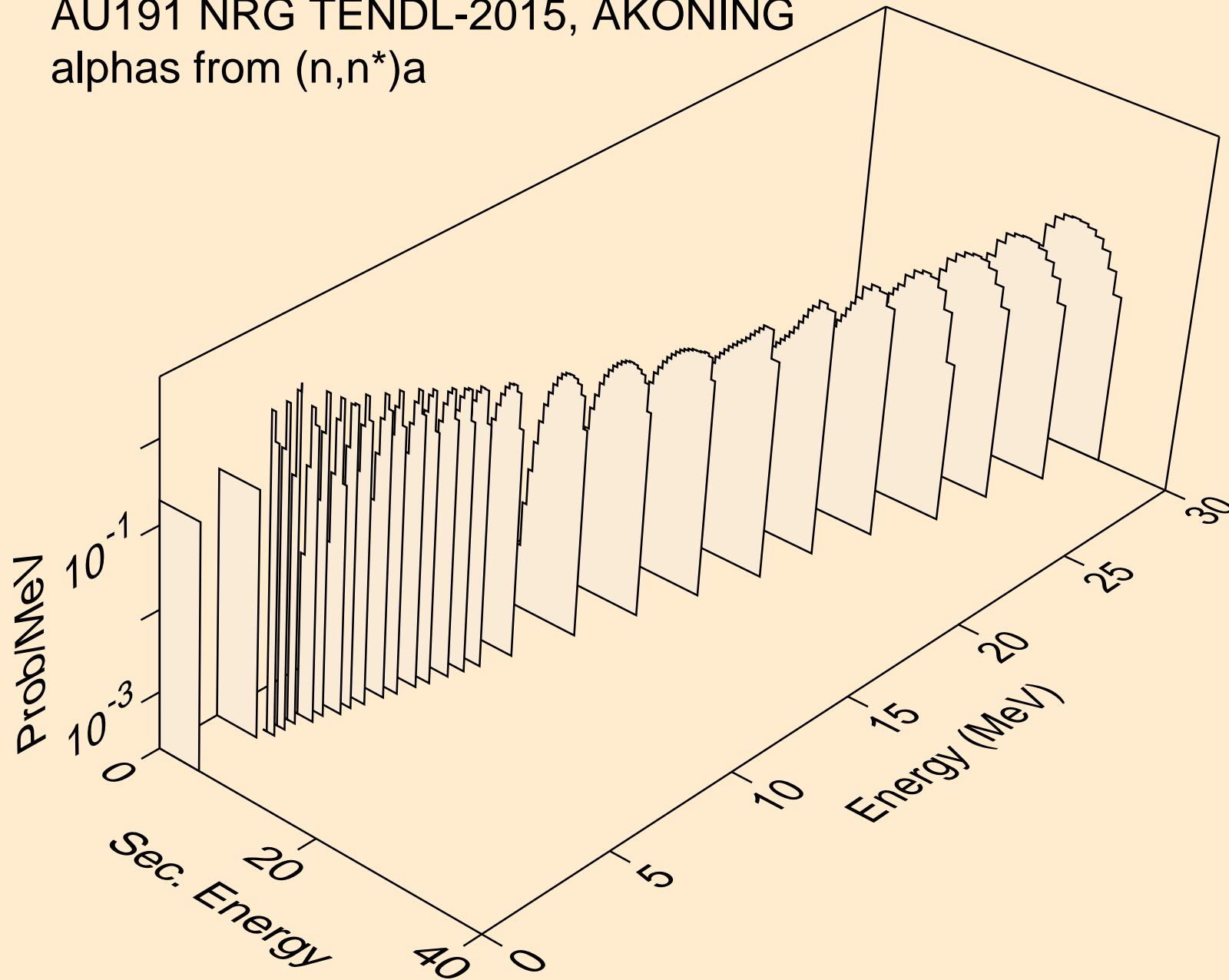
AU191 NRG TENDL-2015, AKONING  
he3s from (n,he3)



AU191 NRG TENDL-2015, AKONING  
alphas from (n,x)

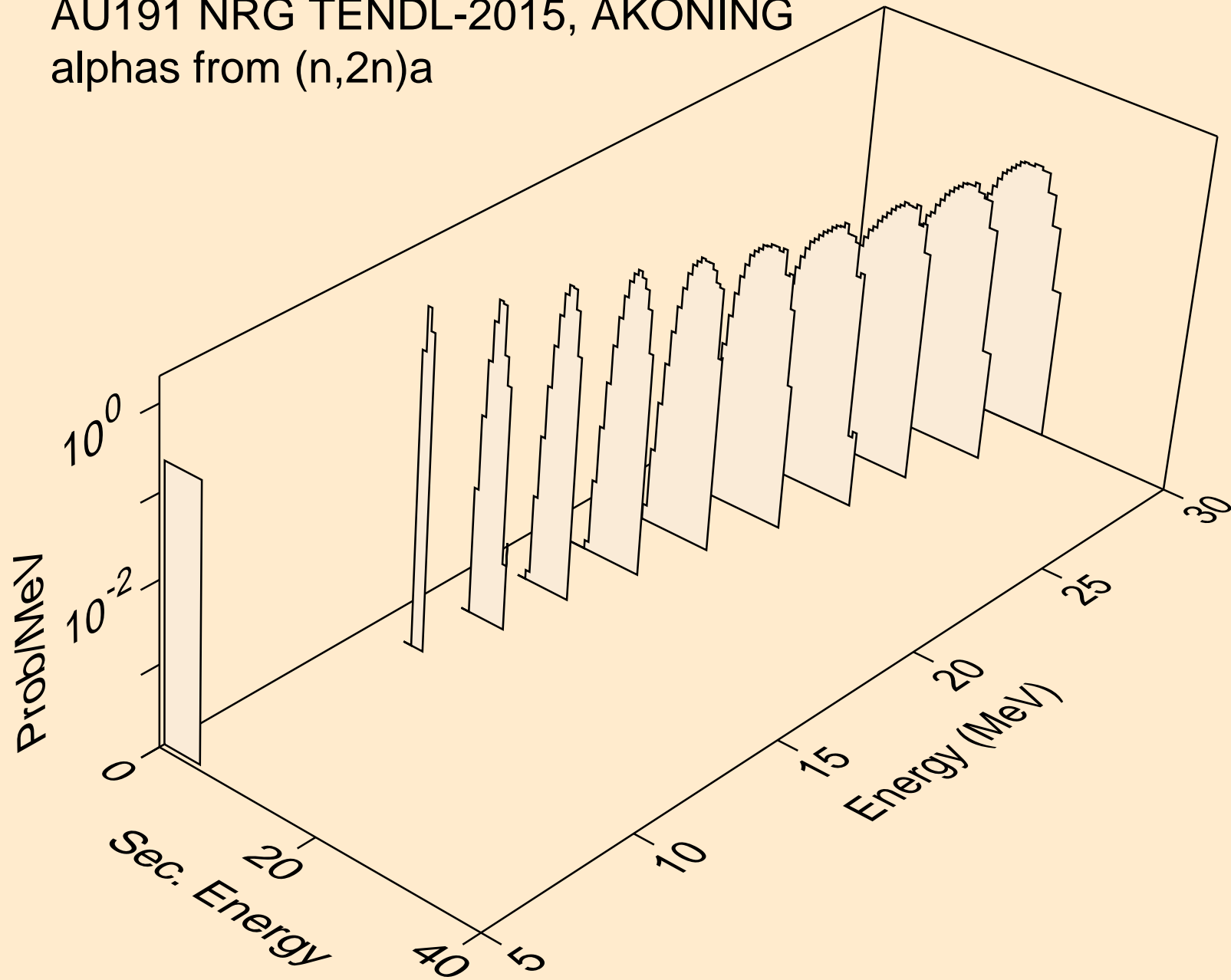


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alphas from (n,n\*)a

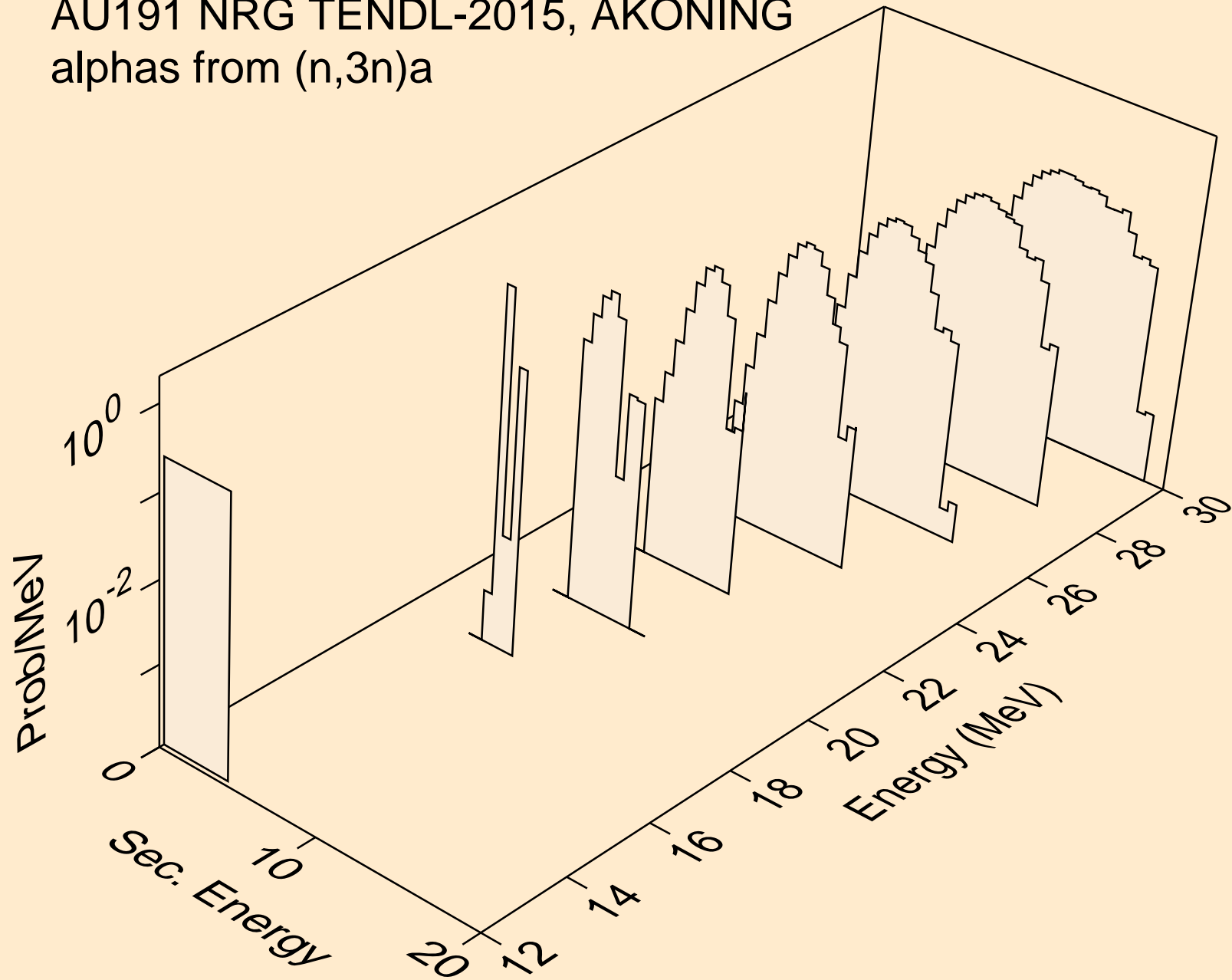




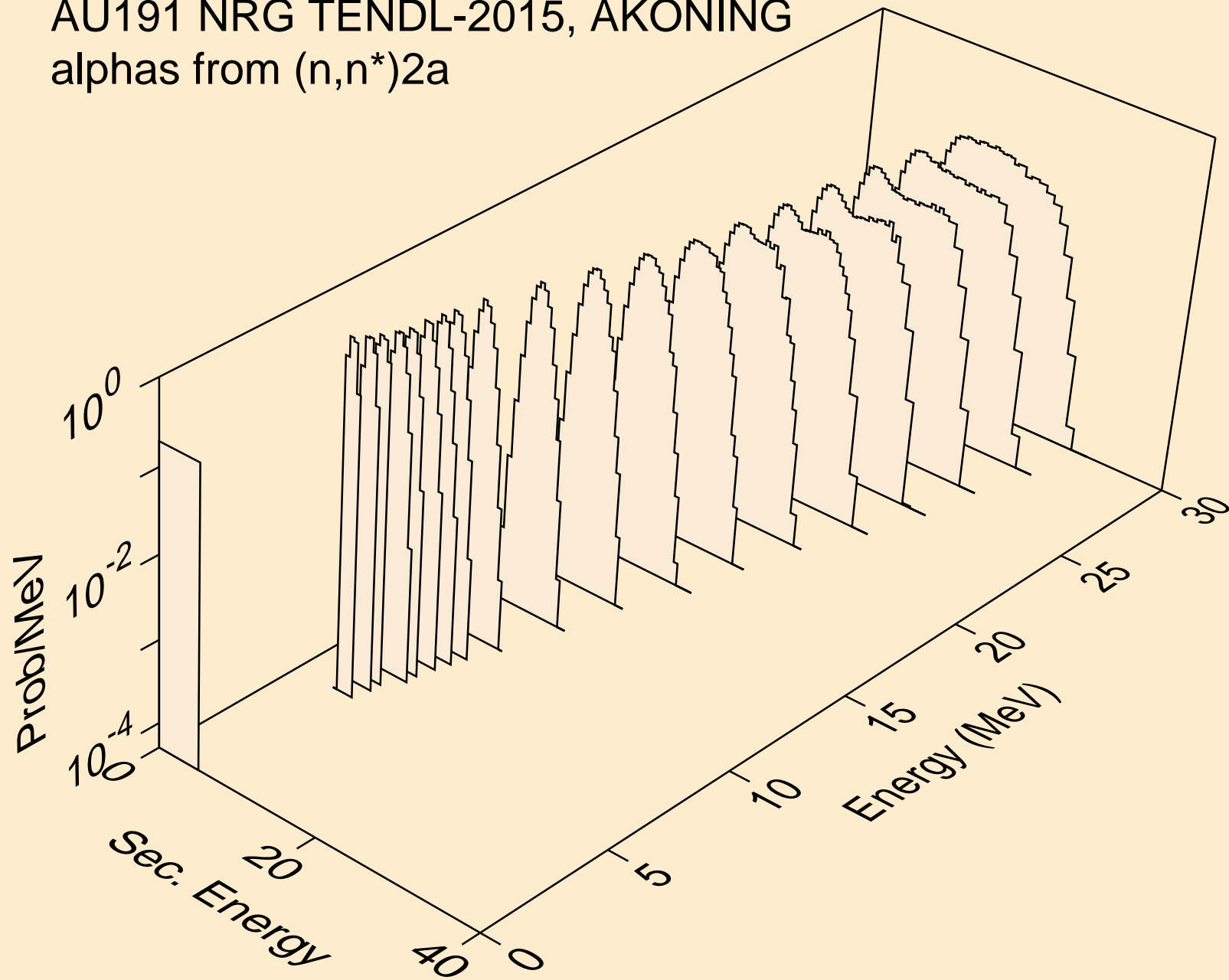
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alphas from (n,2n)a



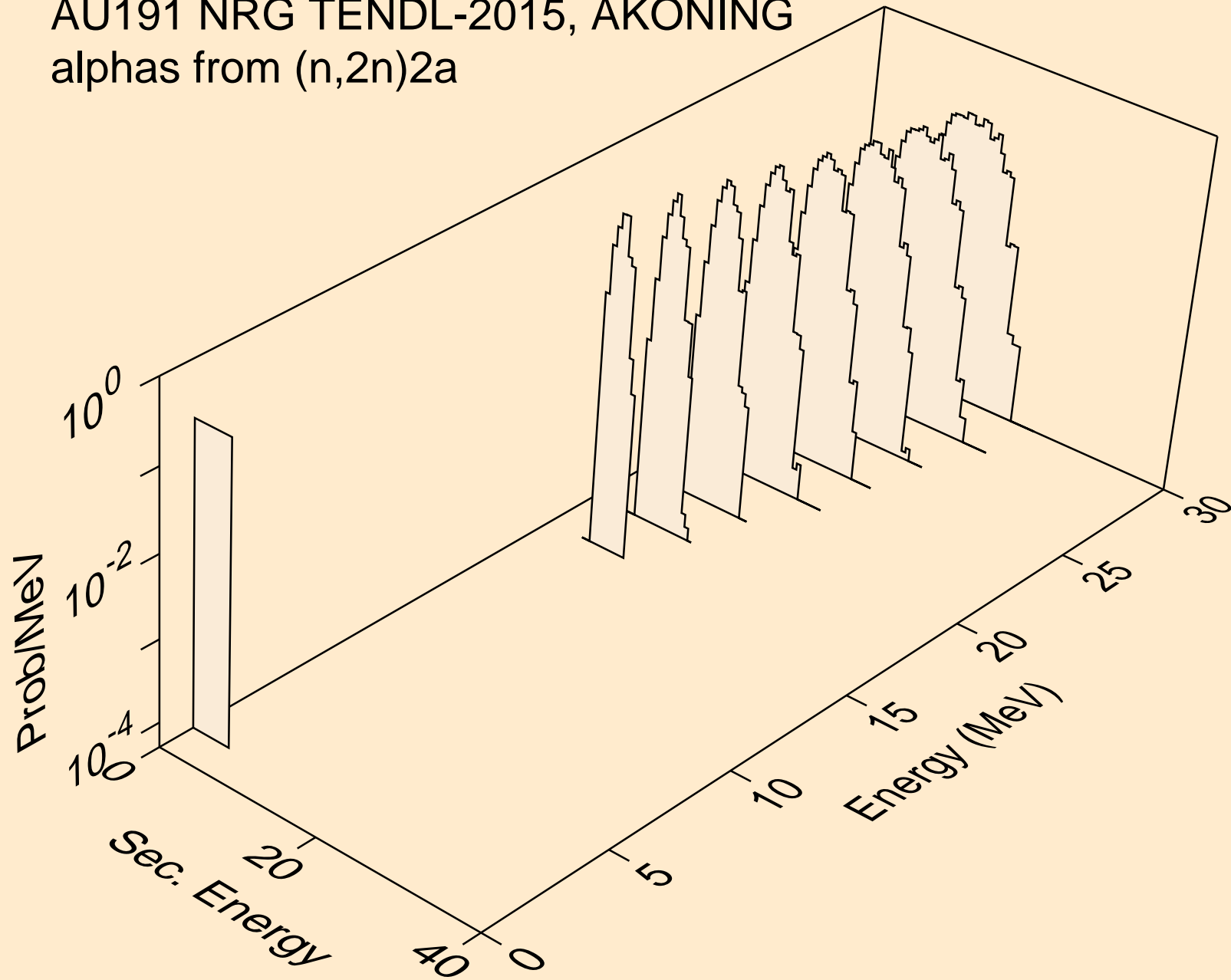
AU191 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



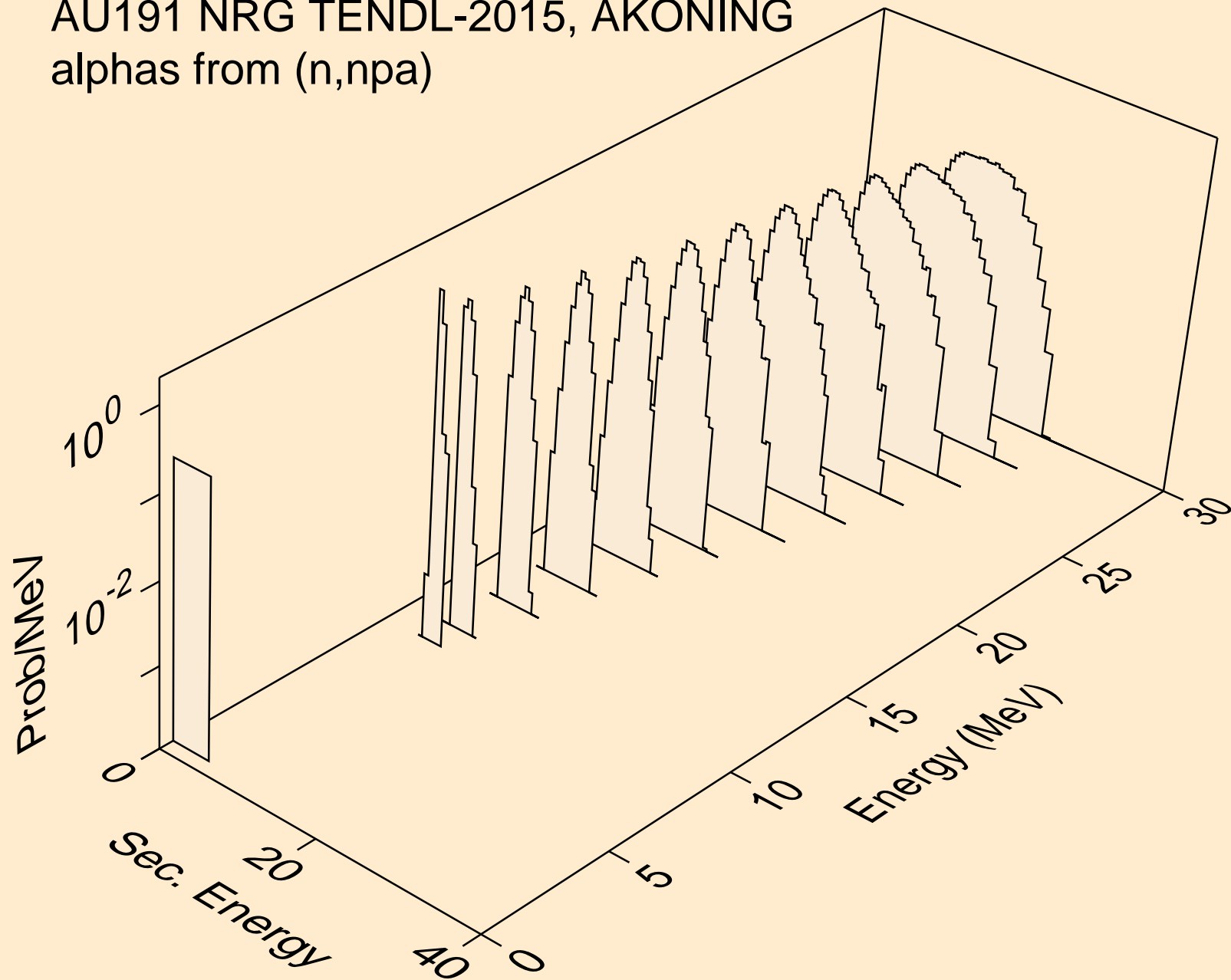
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alphas from (n,n\*)2a



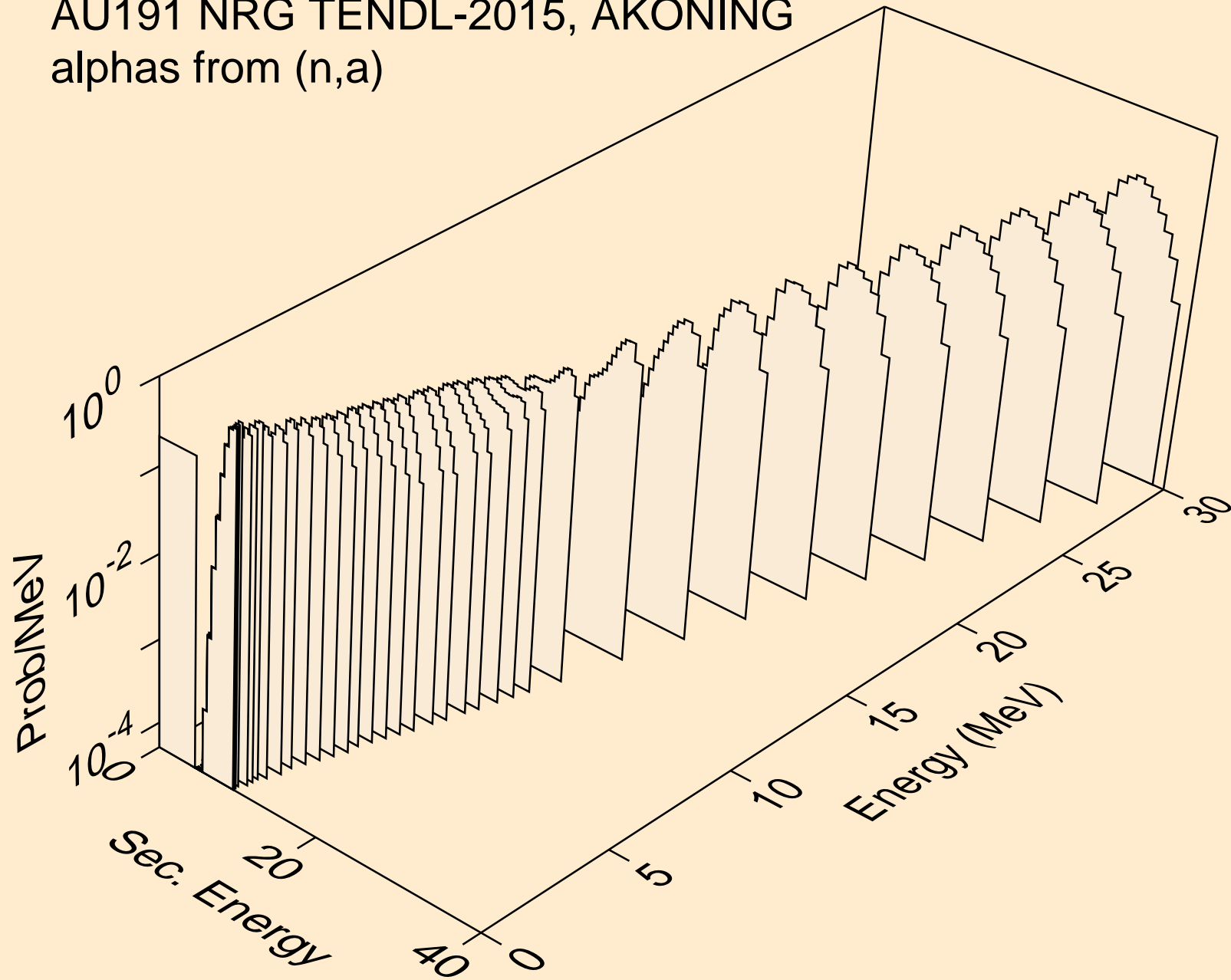
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alphas from (n,2n)2a



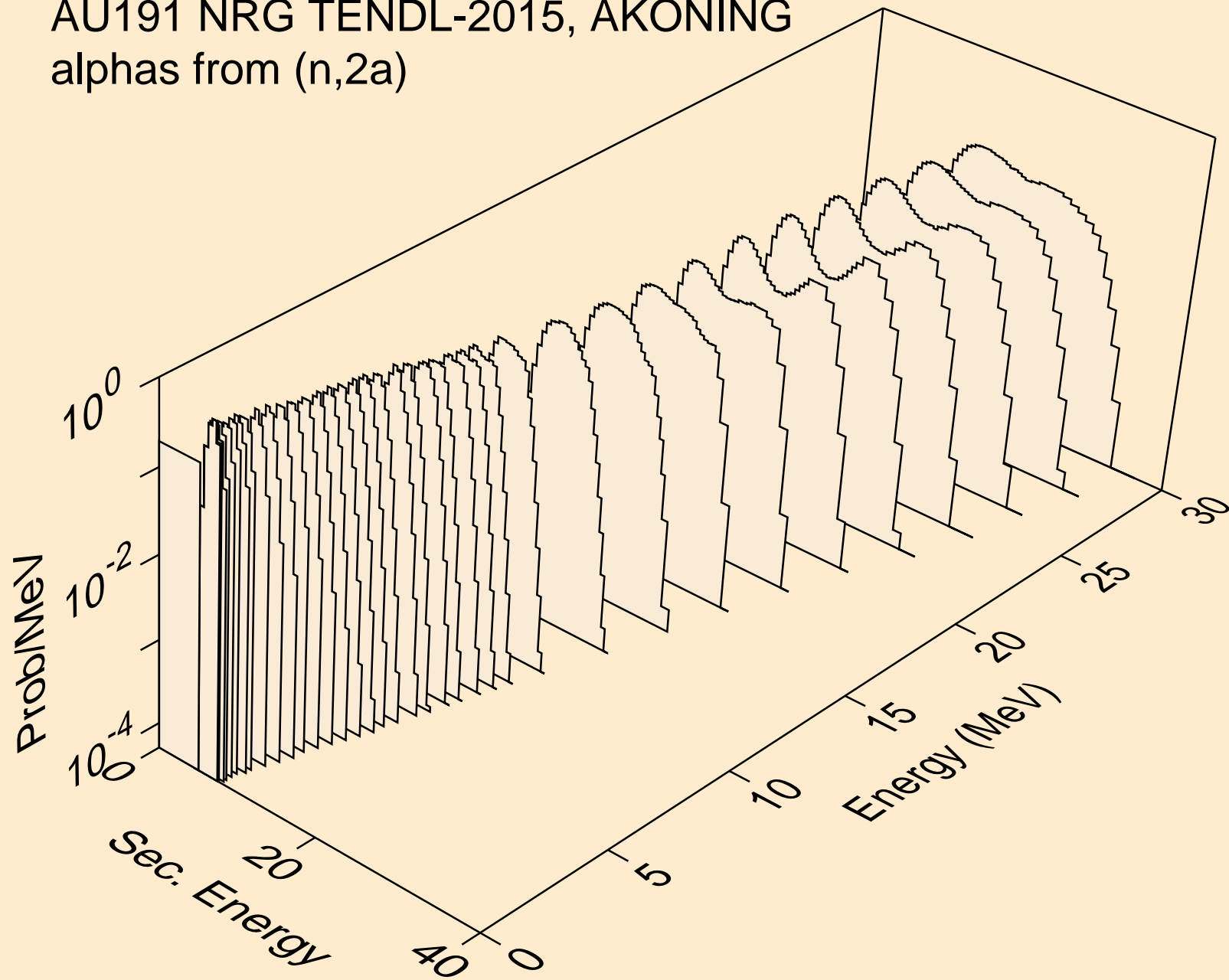
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alphas from (n,npa)



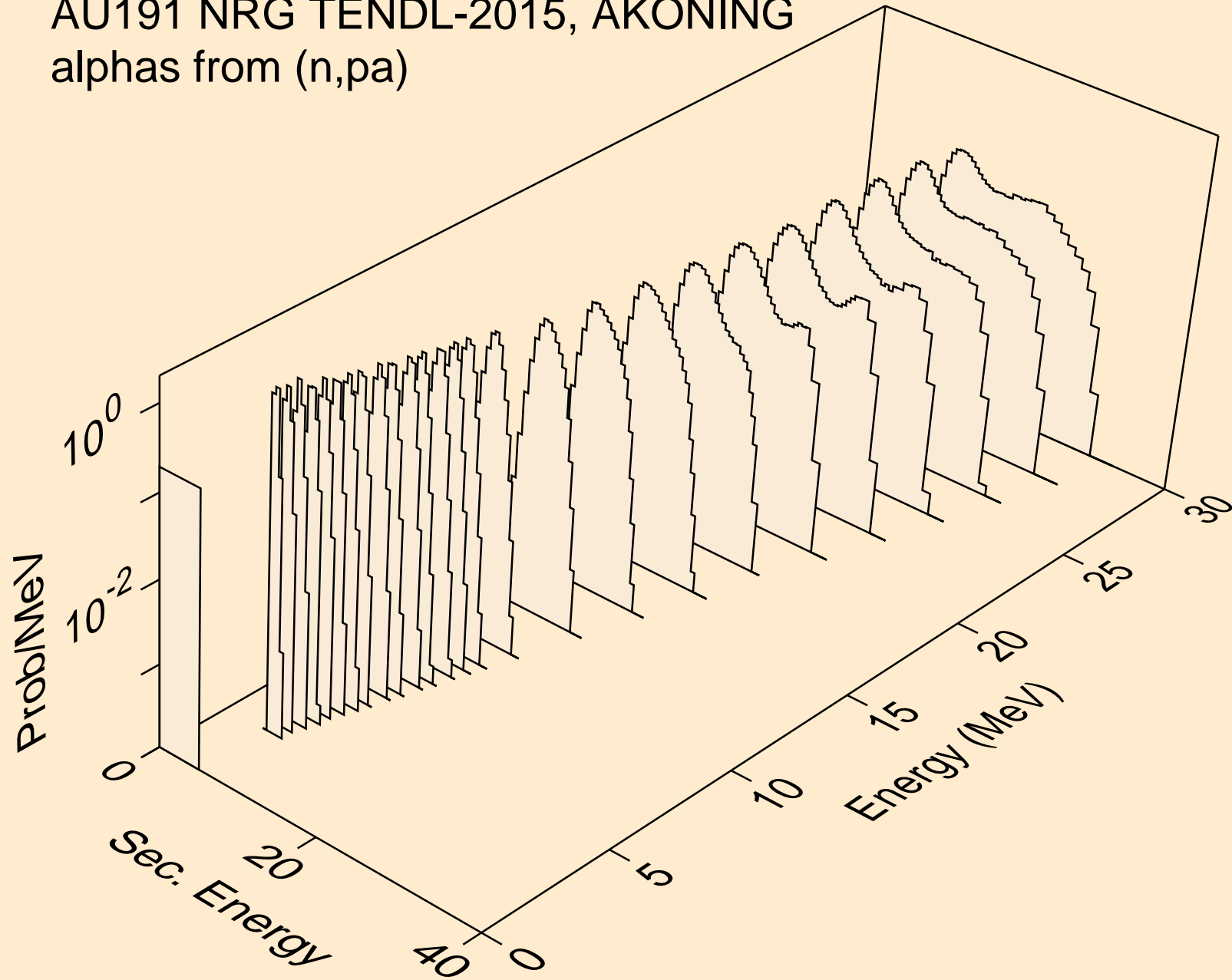
AU191 NRG TENDL-2015, AKONING  
alphas from (n,a)



AU191 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AU191 NRG TENDL-2015, AKONING  
alphas from (n,pa)





AU191 NRG TENDL-2015, AKONING  
alphas from (n,da)

