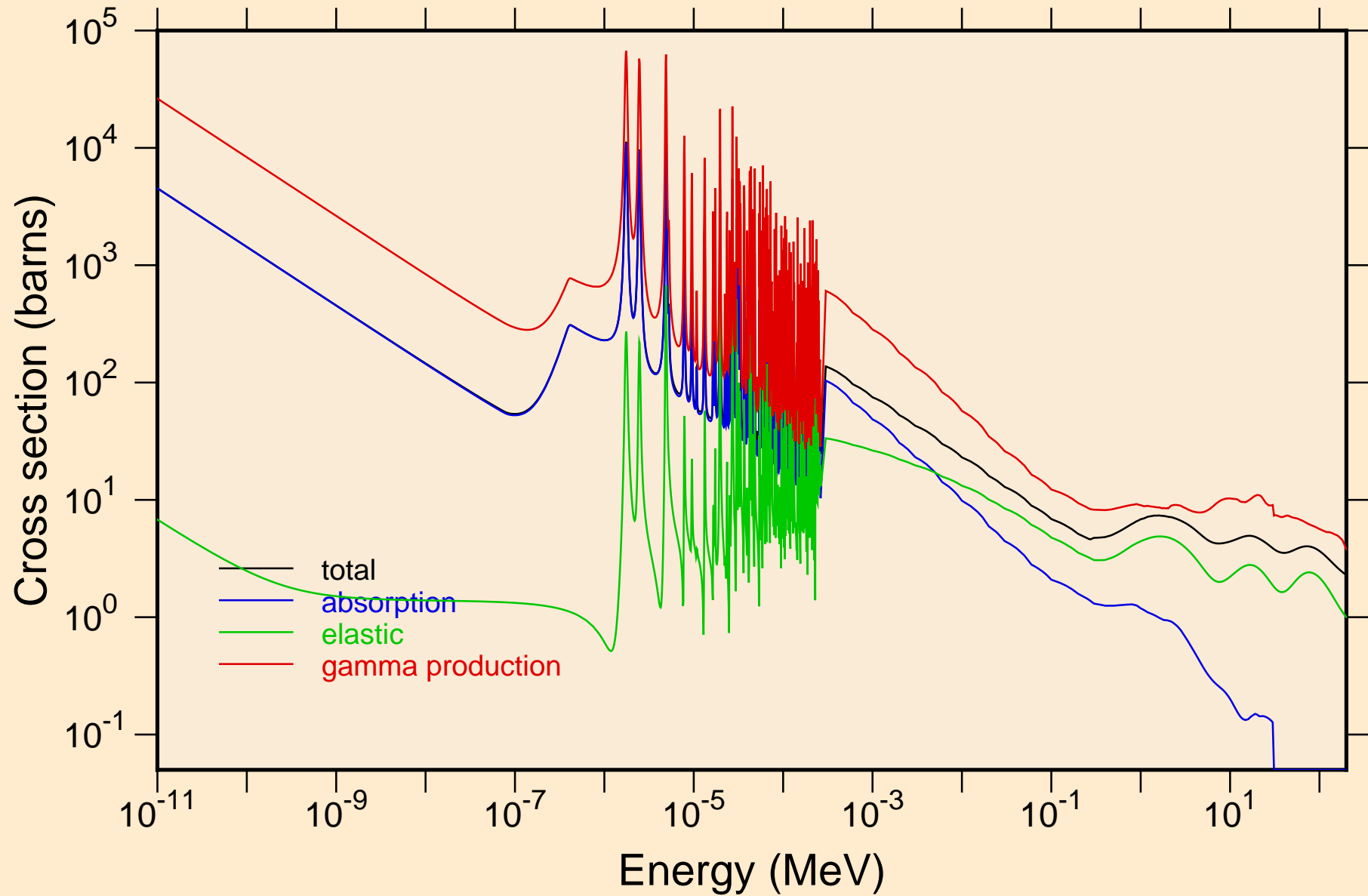
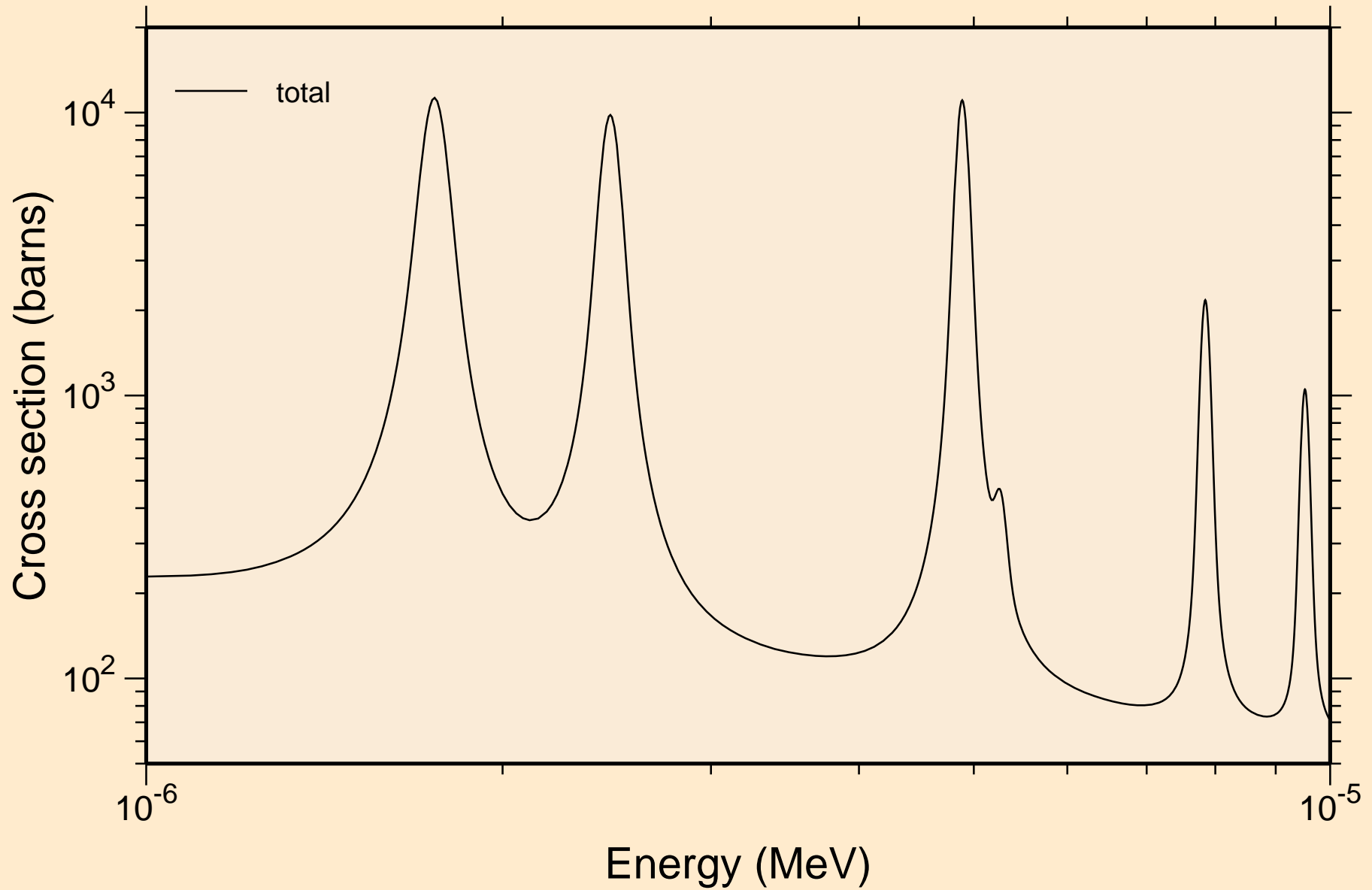


# EU143 NRG TENDL-2015, AKONING

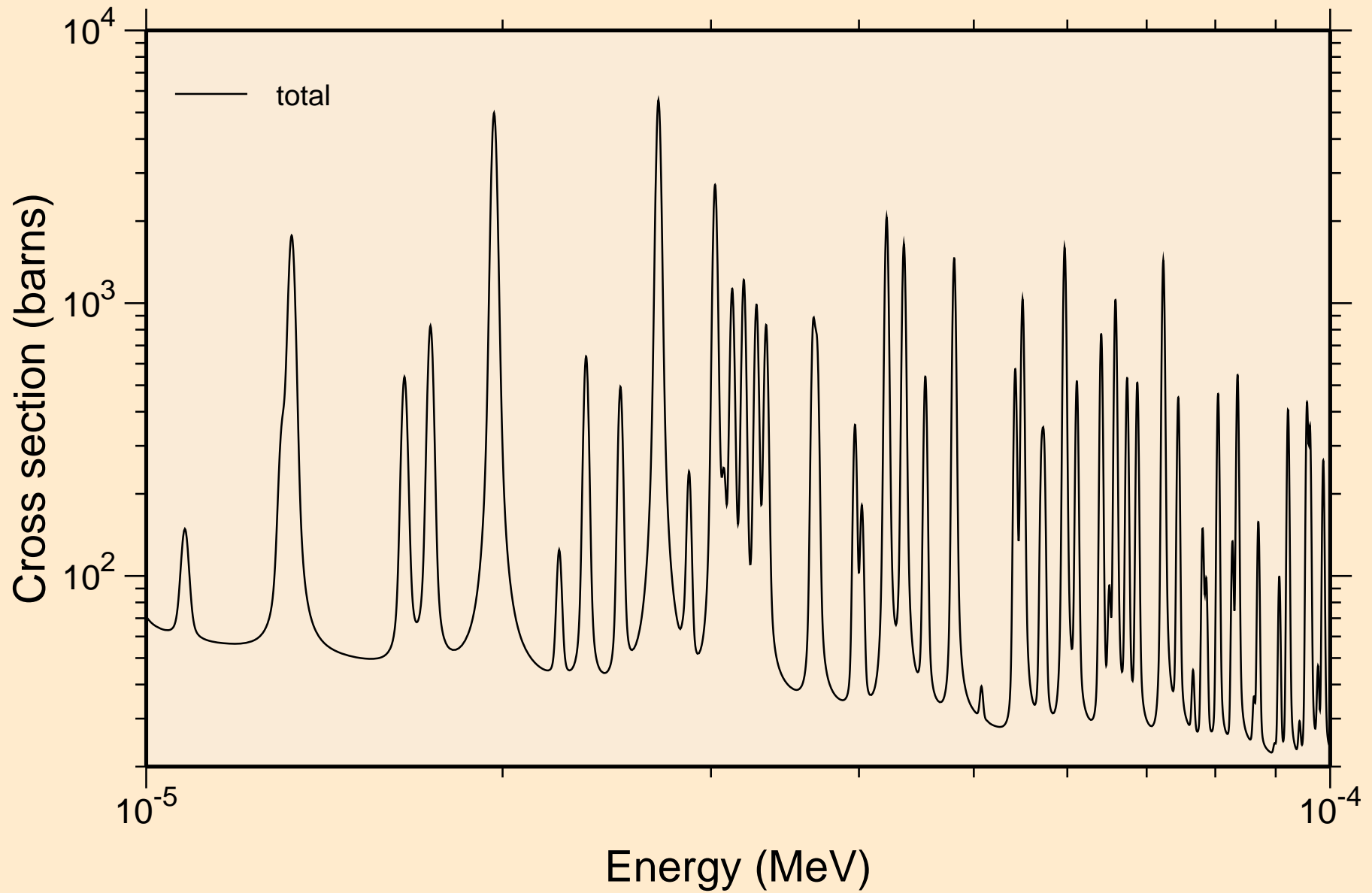
## Principal cross sections



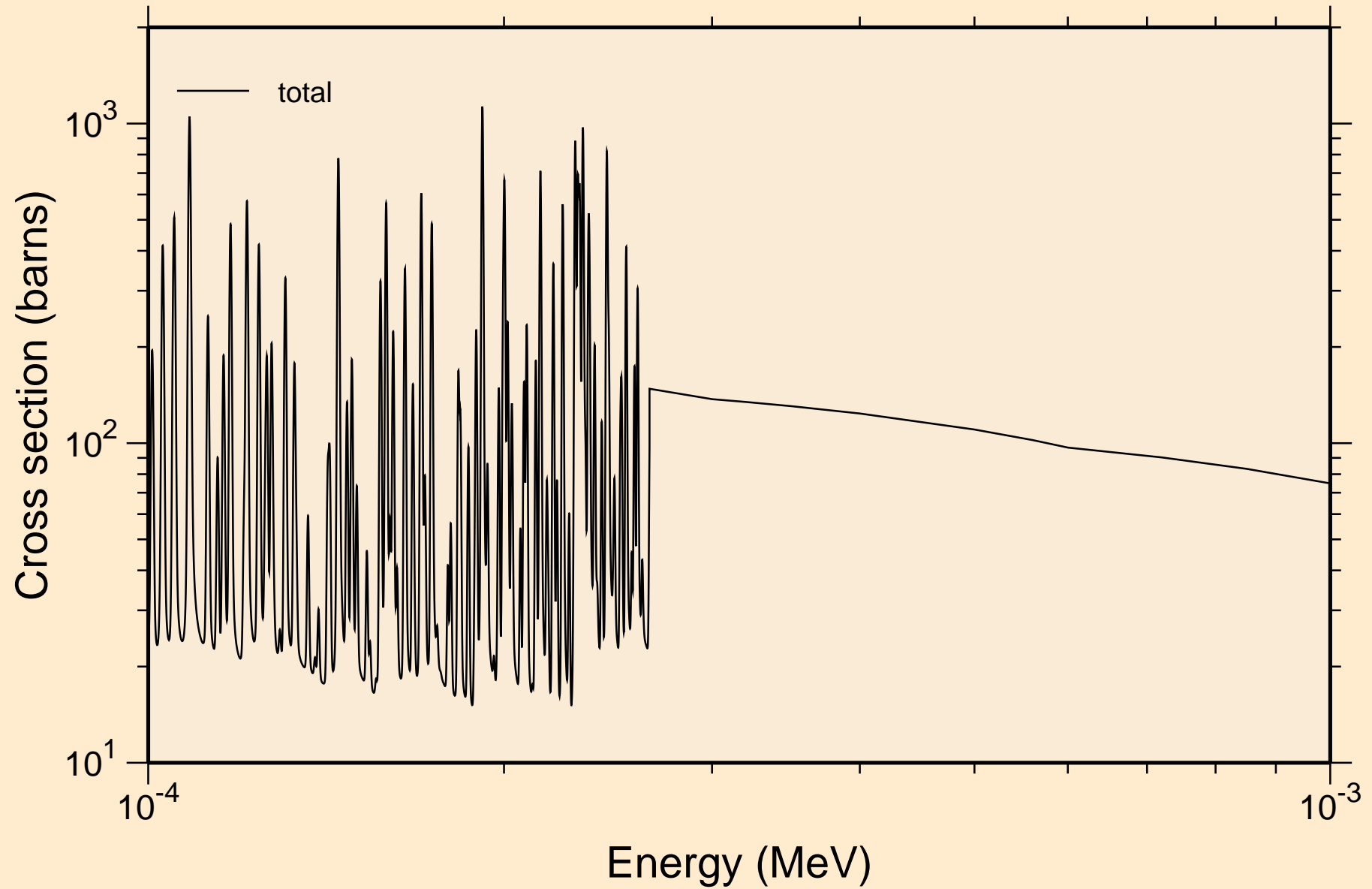
EU143 NRG TENDL-2015, AKONING  
resonance total cross section



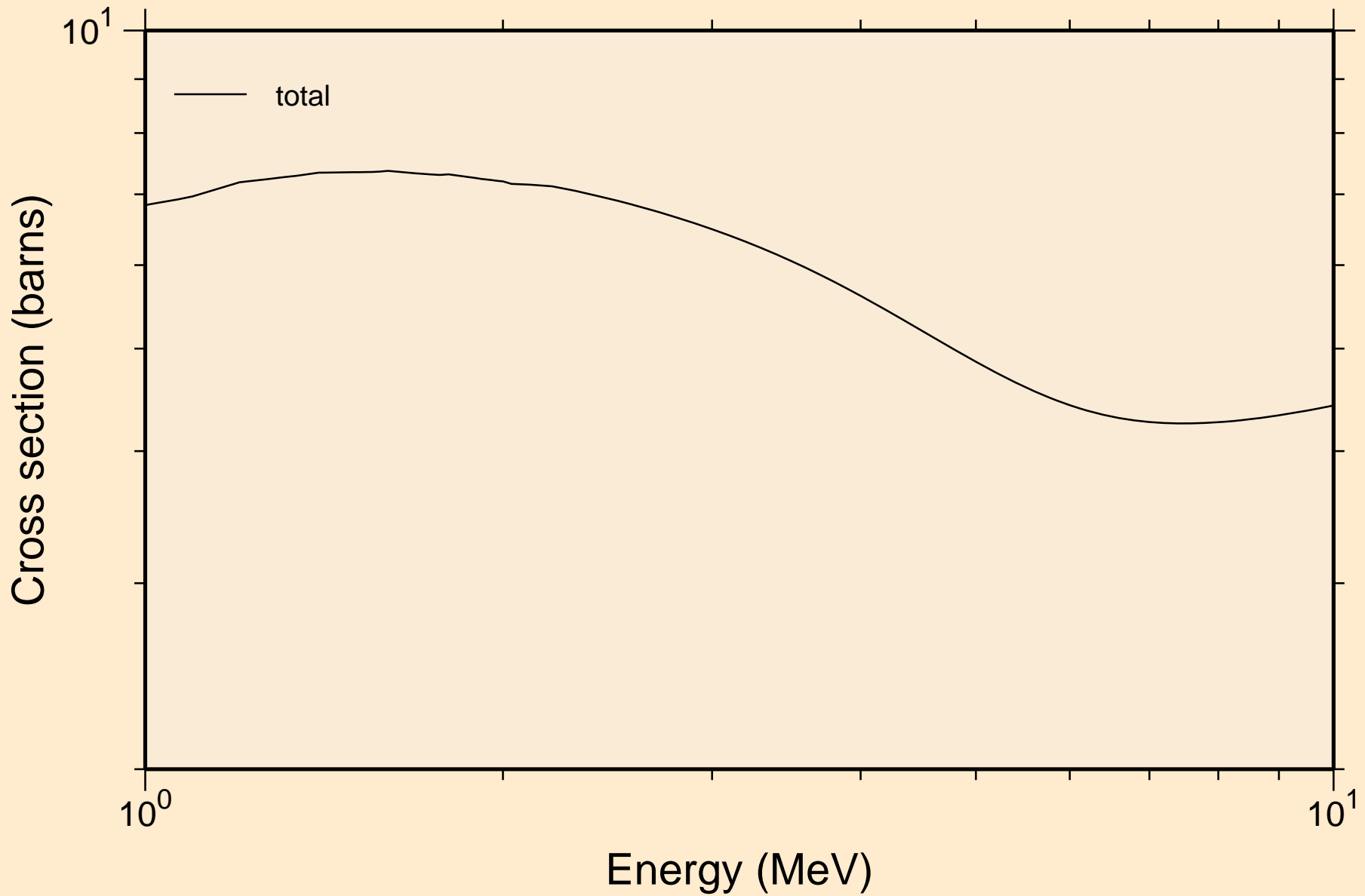
EU143 NRG TENDL-2015, AKONING  
resonance total cross section



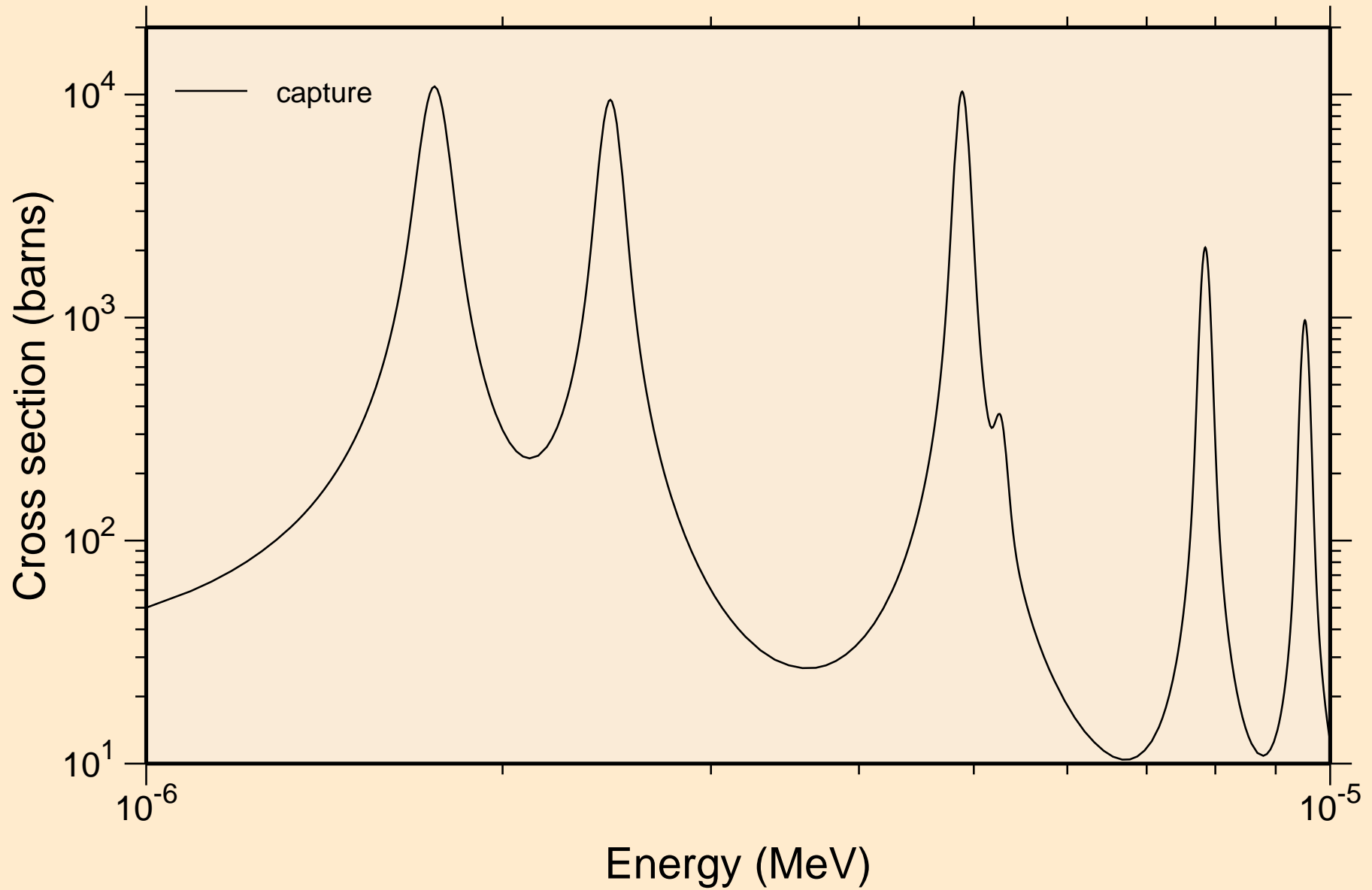
EU143 NRG TENDL-2015, AKONING  
resonance total cross section



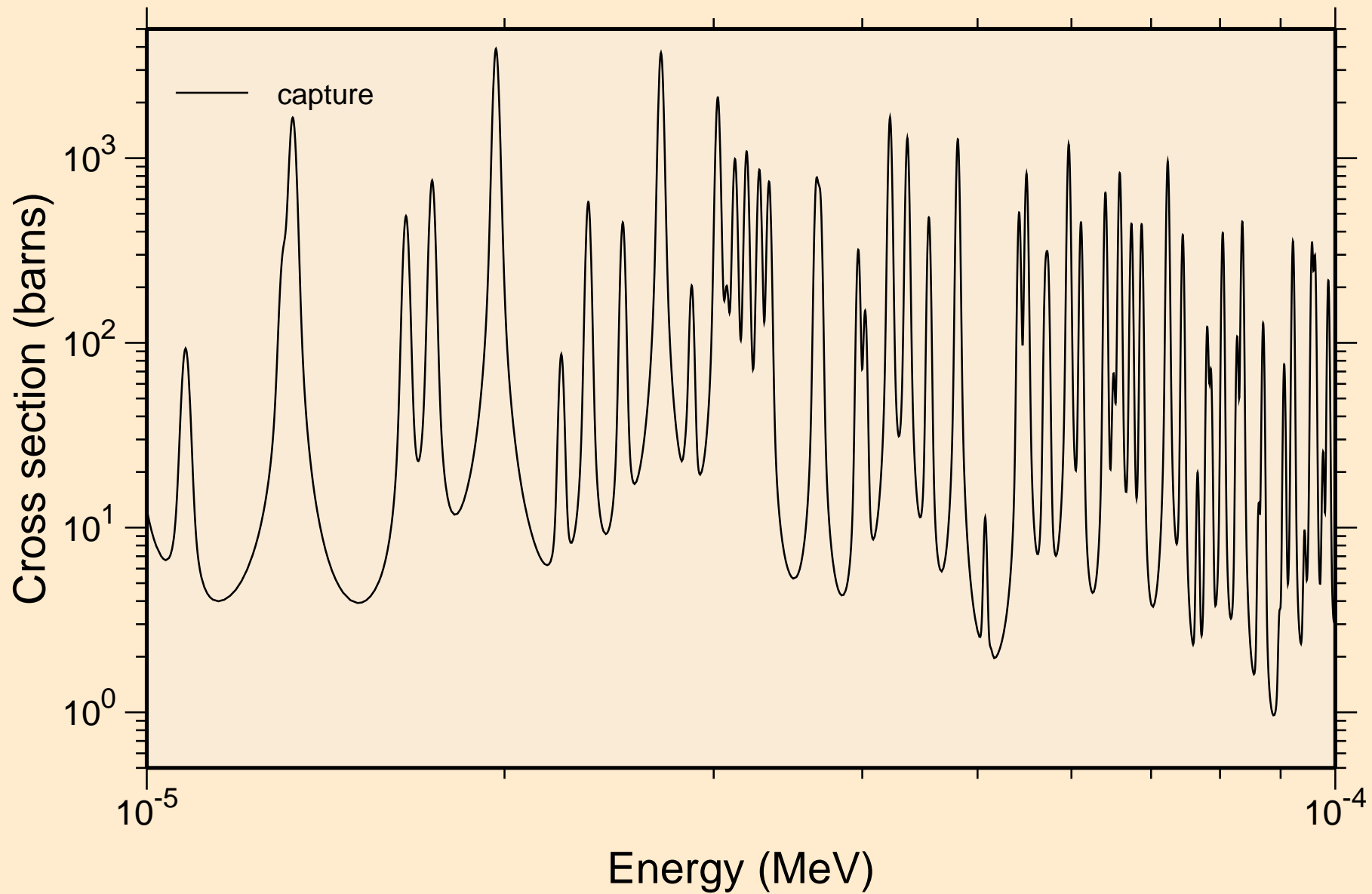
EU143 NRG TENDL-2015, AKONING  
resonance total cross section



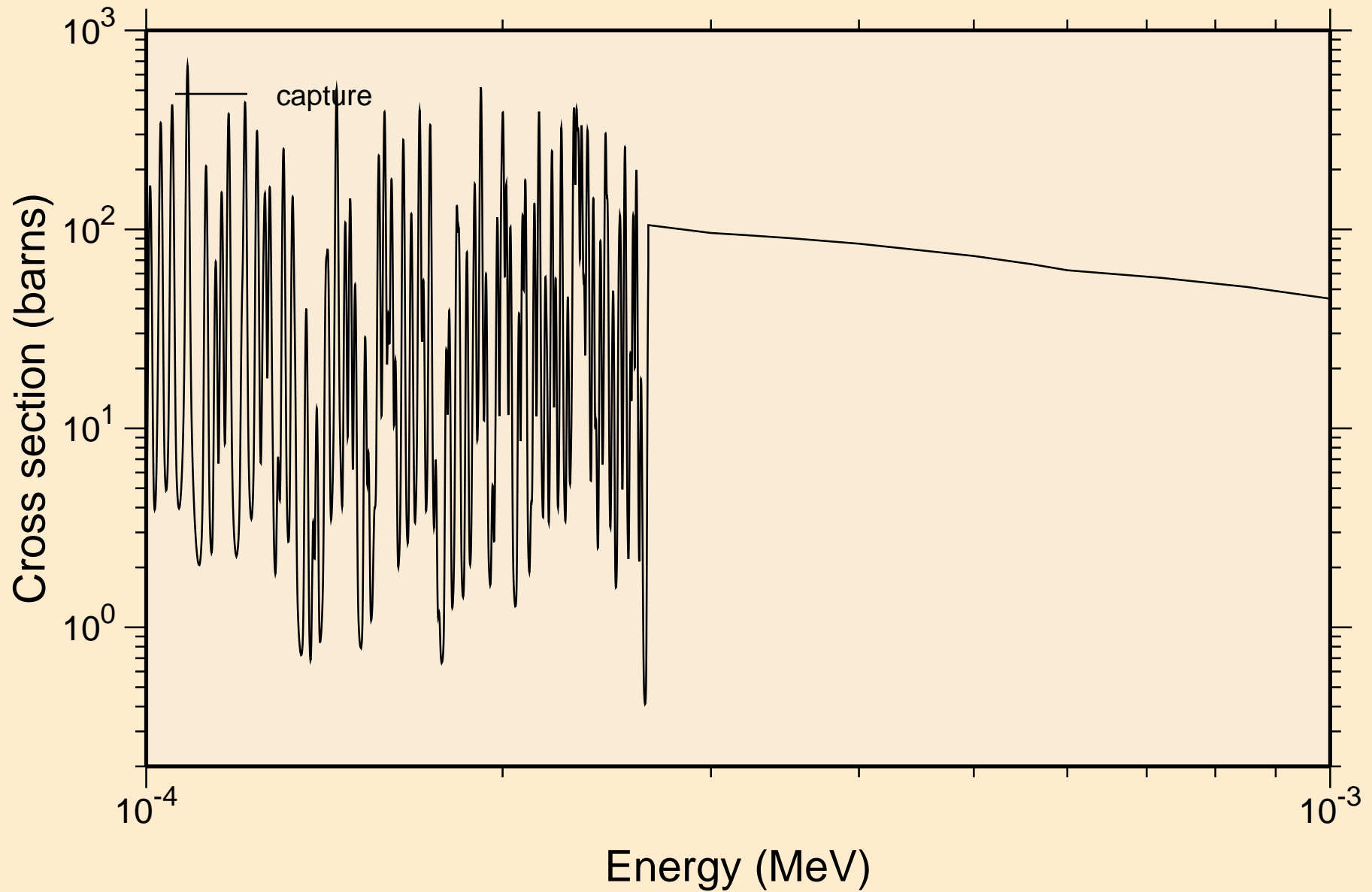
EU143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# EU143 NRG TENDL-2015, AKONING resonance absorption cross sections

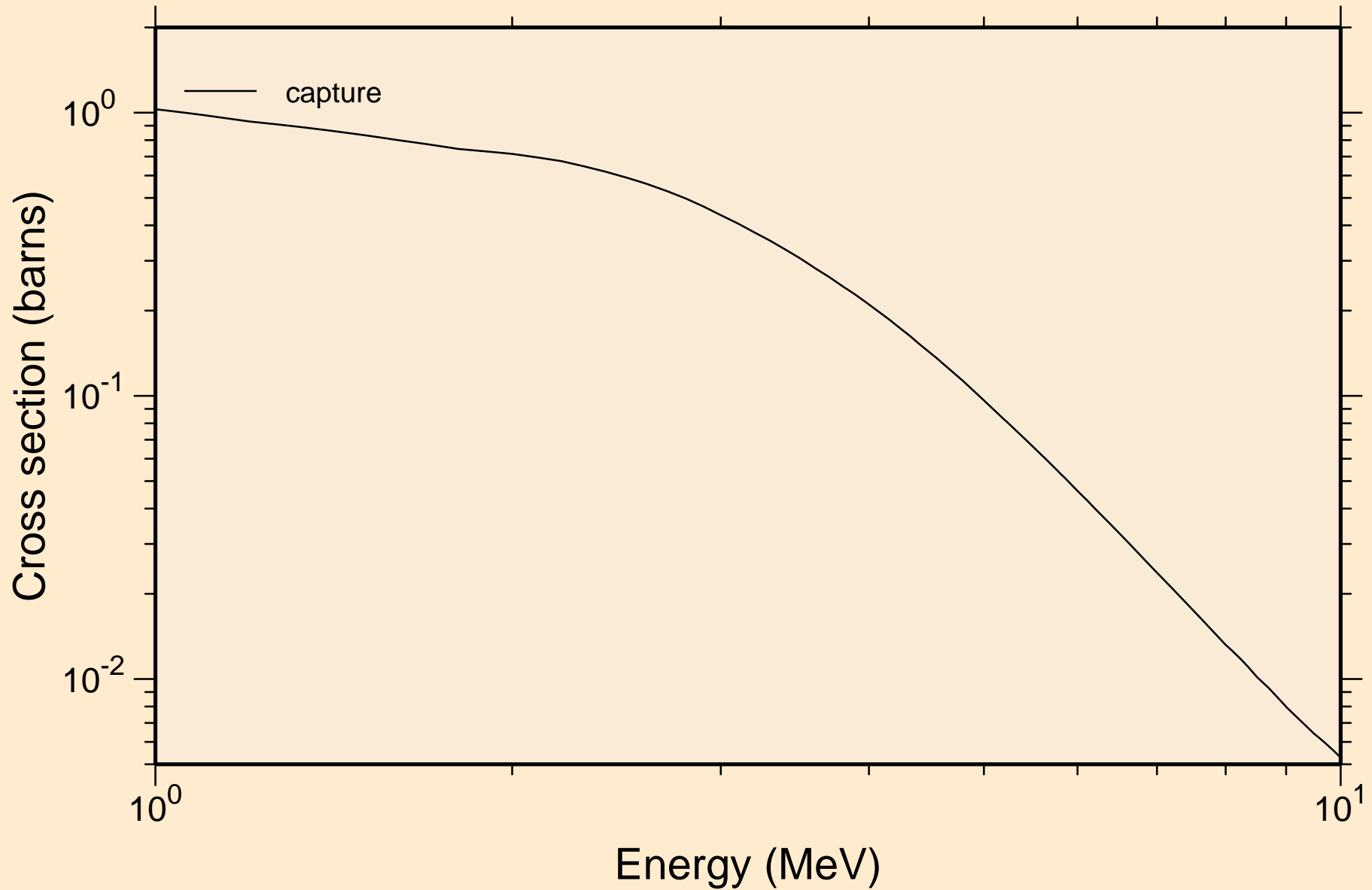


EU143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



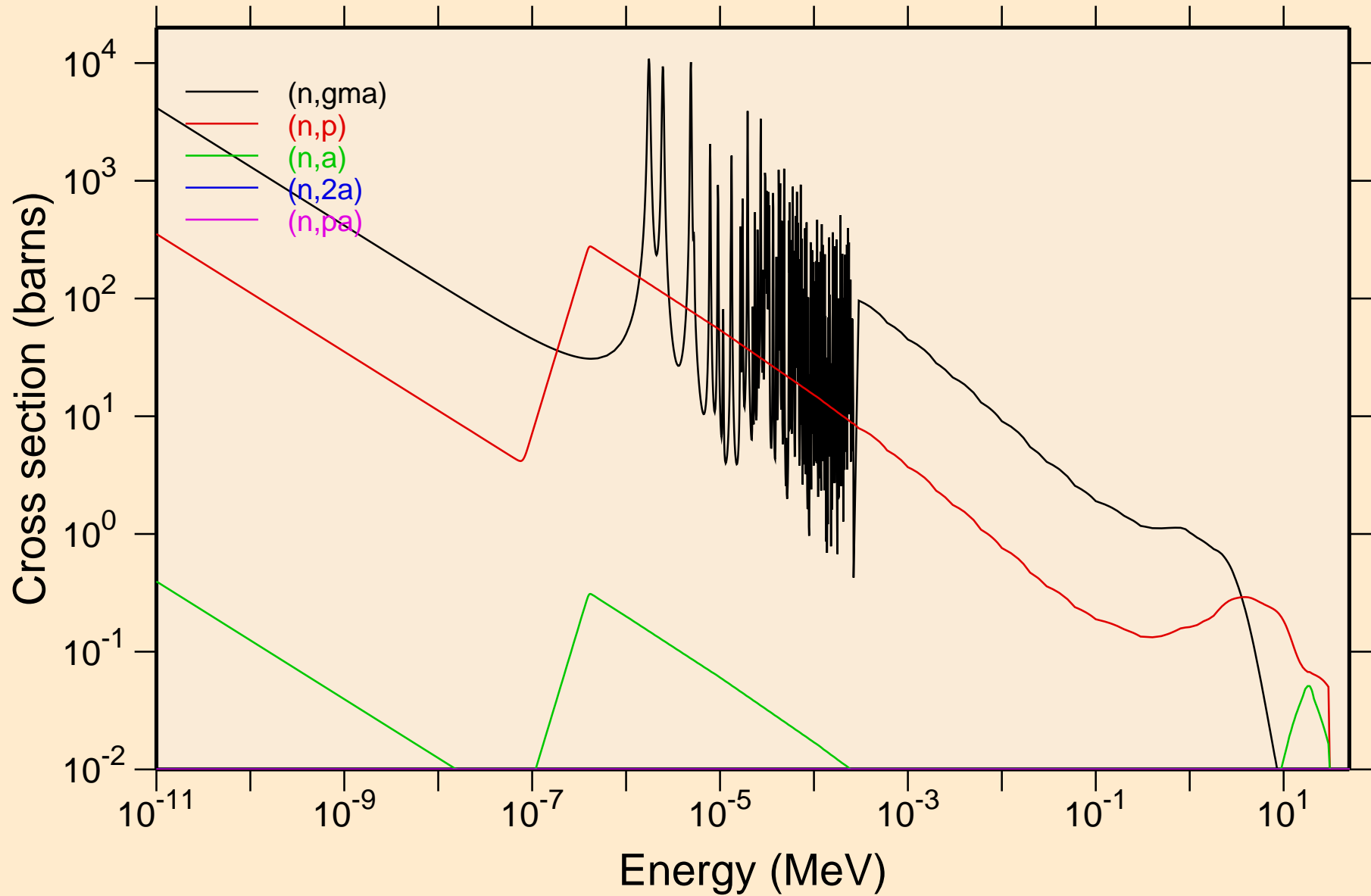


EU143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



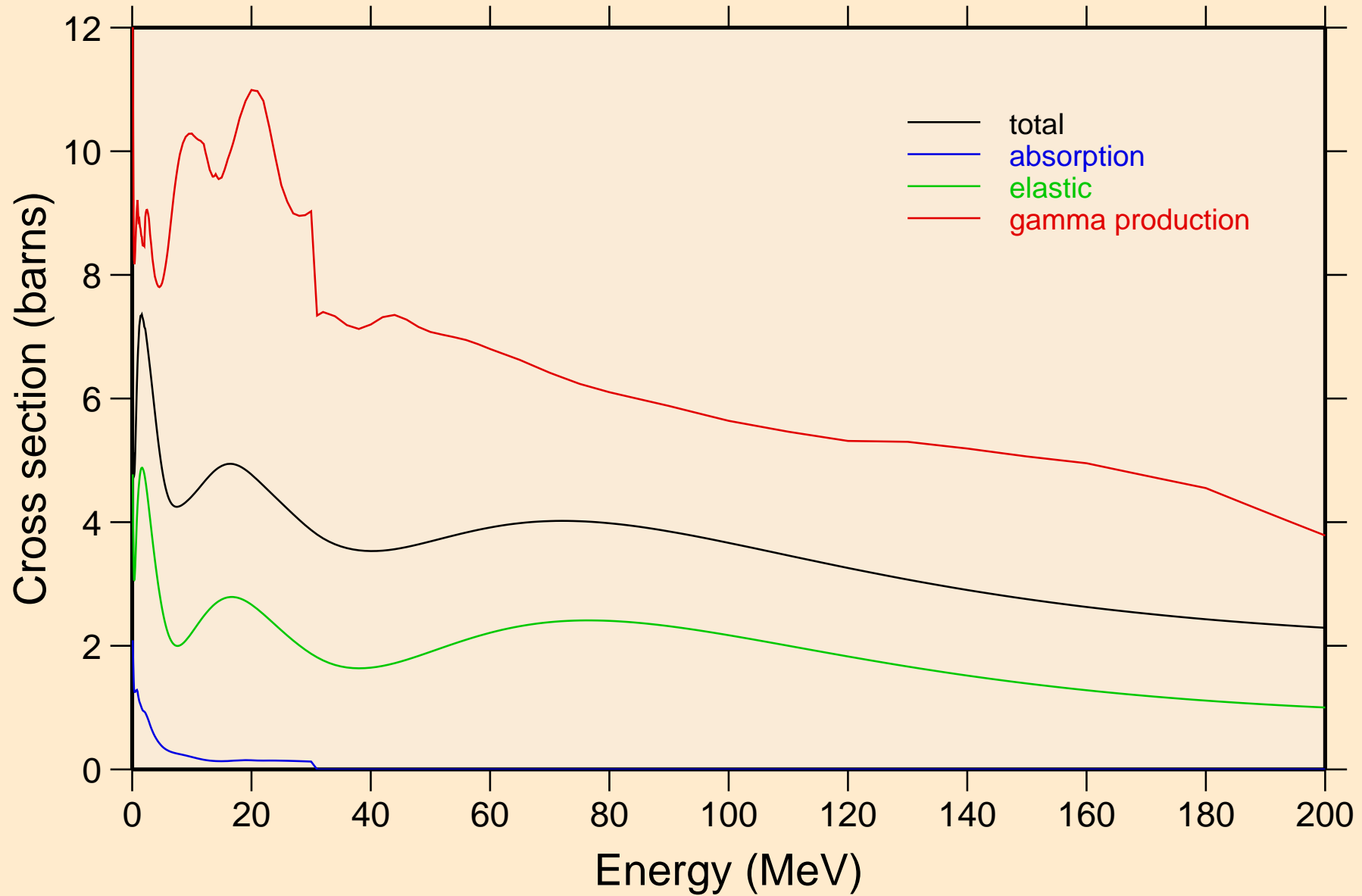
# EU143 NRG TENDL-2015, AKONING

## Non-threshold reactions



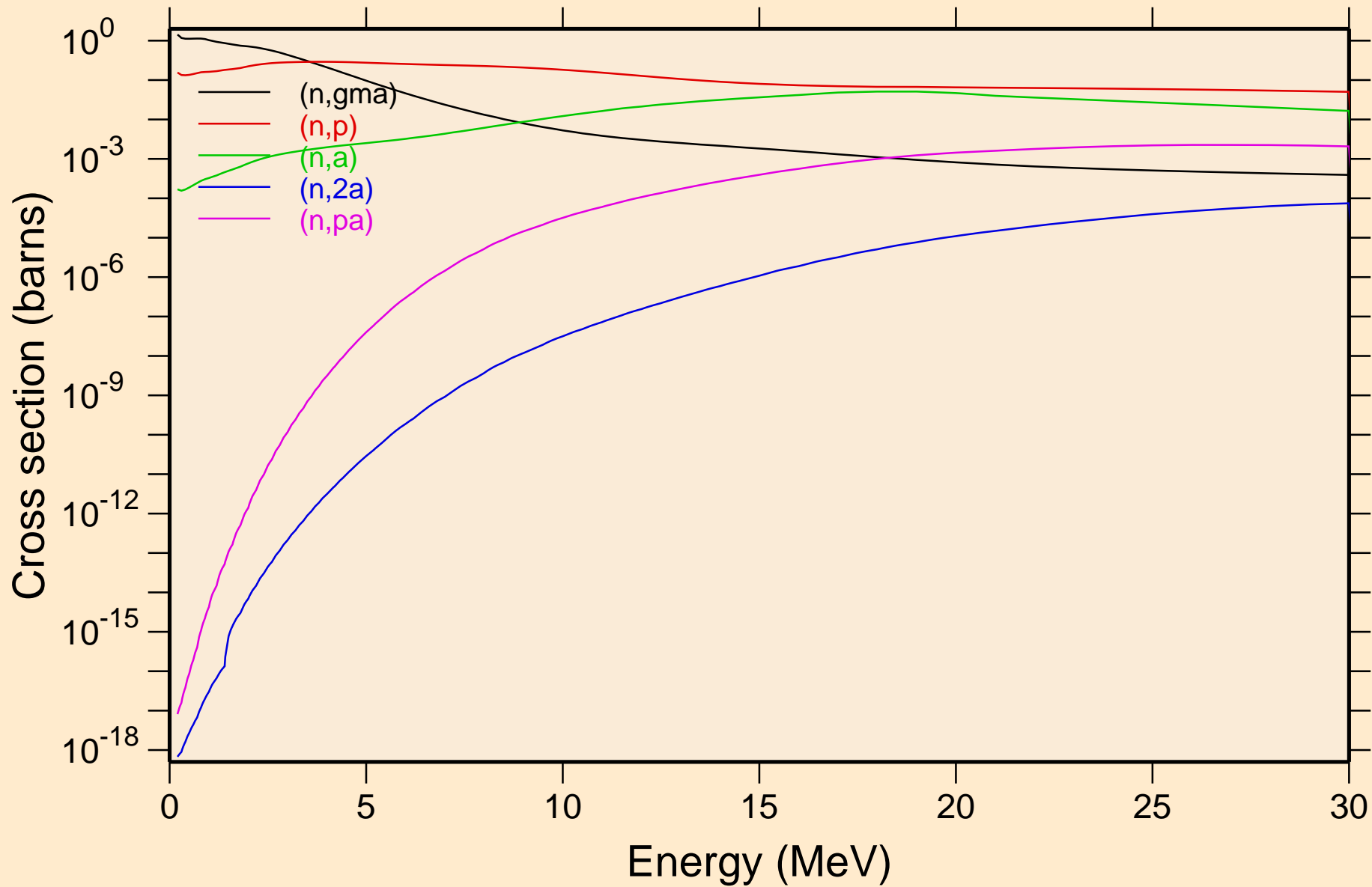
# EU143 NRG TENDL-2015, AKONING

## Principal cross sections



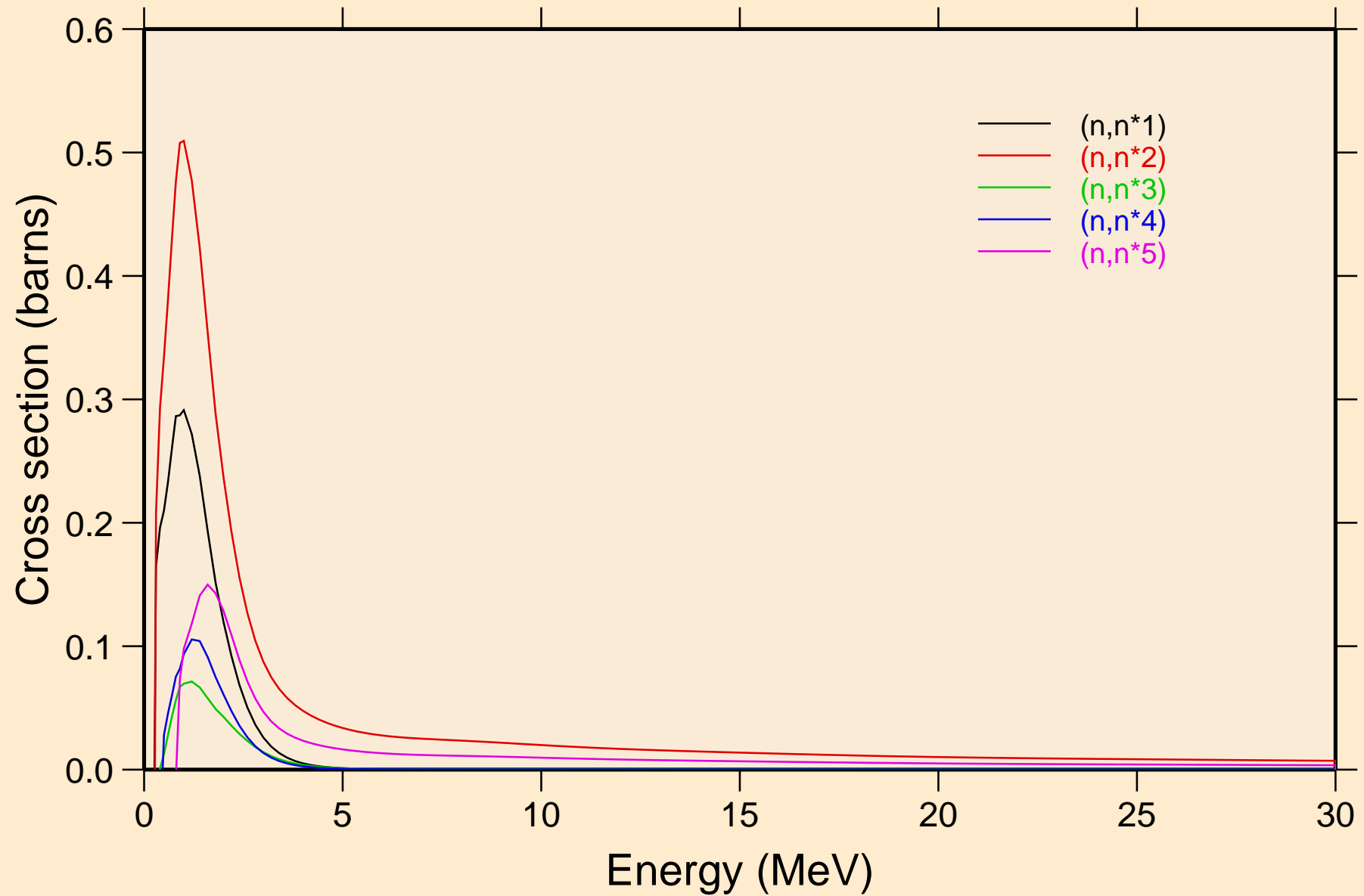
# EU143 NRG TENDL-2015, AKONING

## Non-threshold reactions



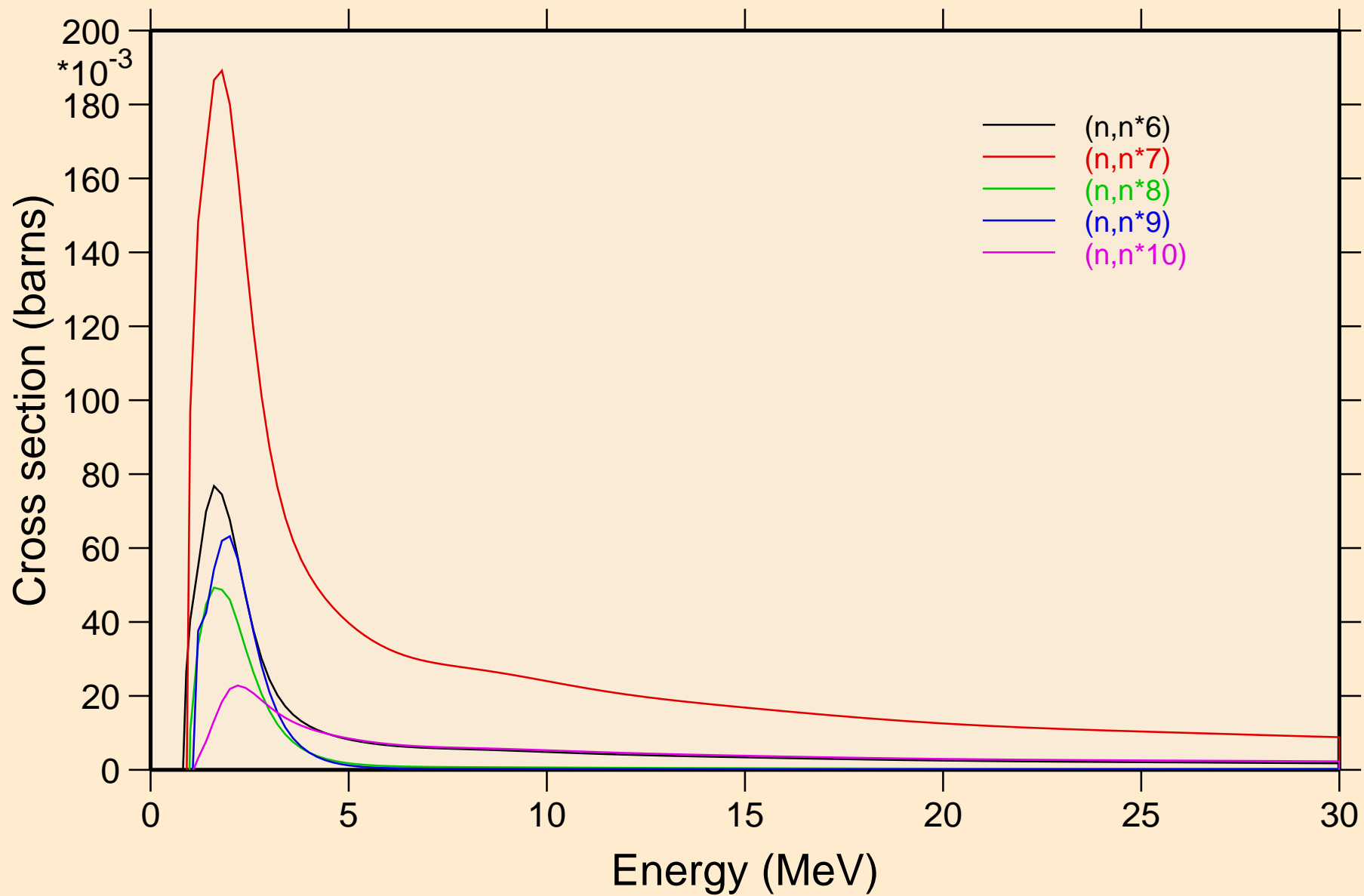
# EU143 NRG TENDL-2015, AKONING

## Inelastic levels



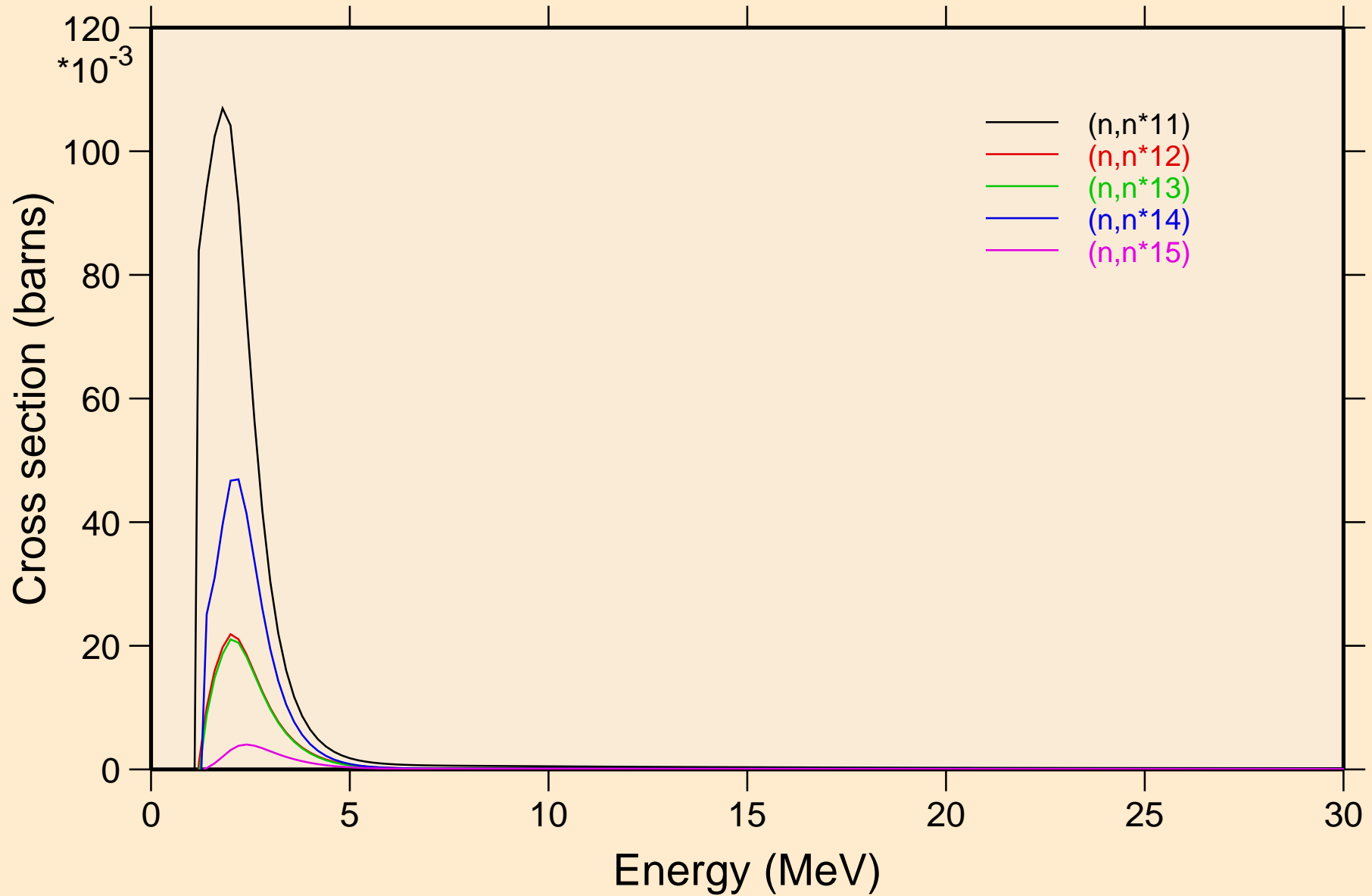
# EU143 NRG TENDL-2015, AKONING

## Inelastic levels



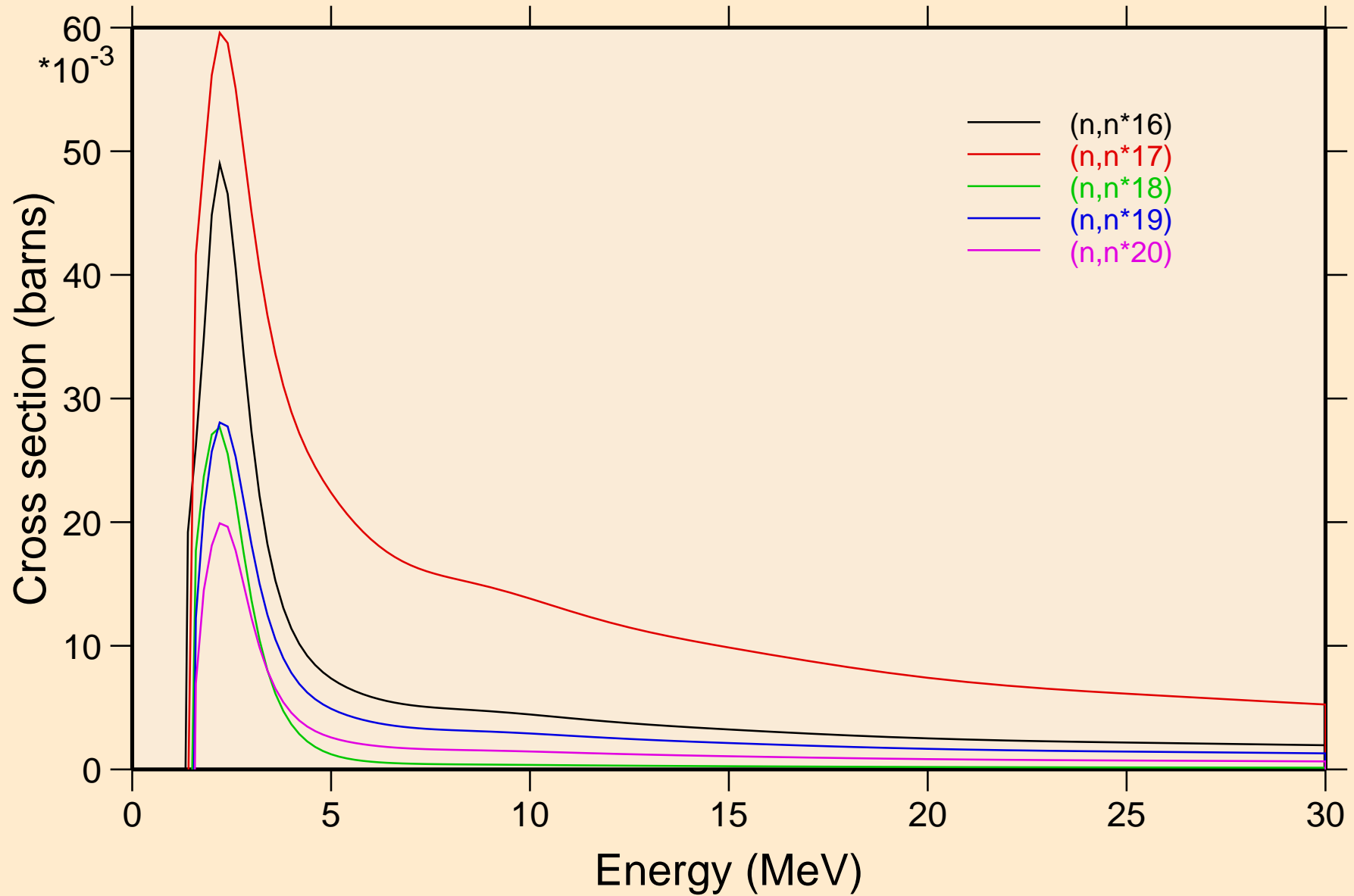
# EU143 NRG TENDL-2015, AKONING

## Inelastic levels



# EU143 NRG TENDL-2015, AKONING

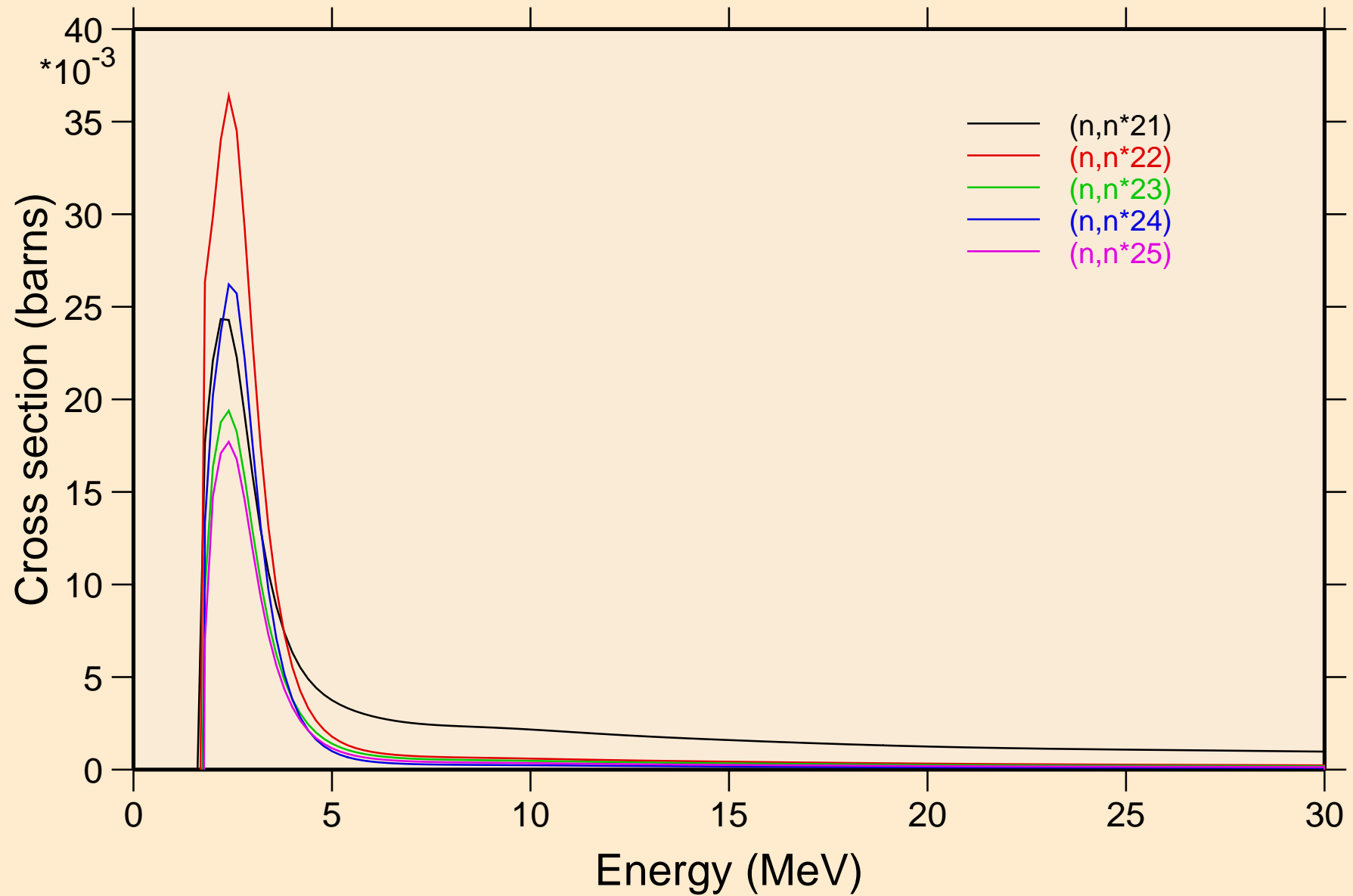
## Inelastic levels





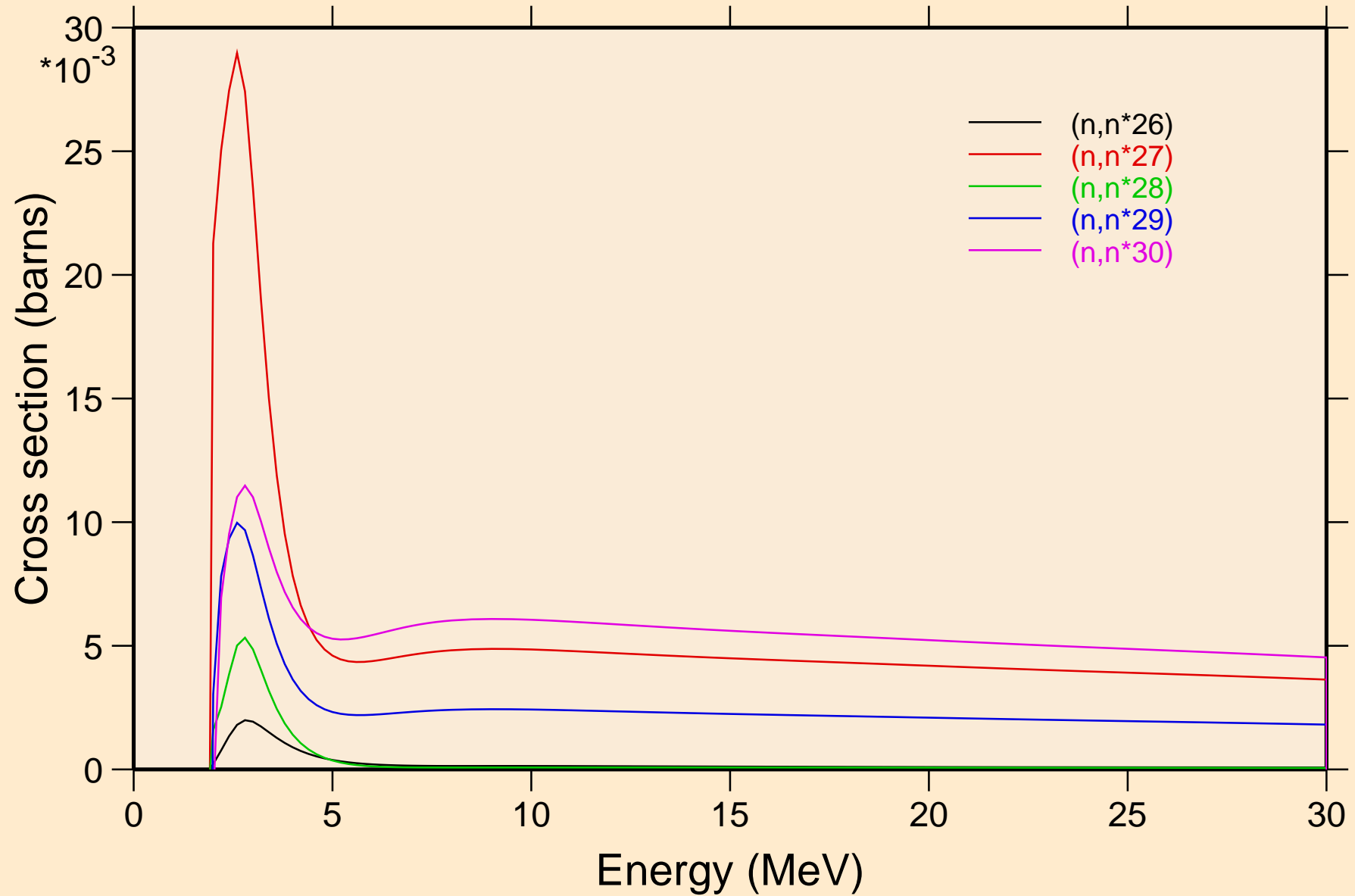
# EU143 NRG TENDL-2015, AKONING

## Inelastic levels



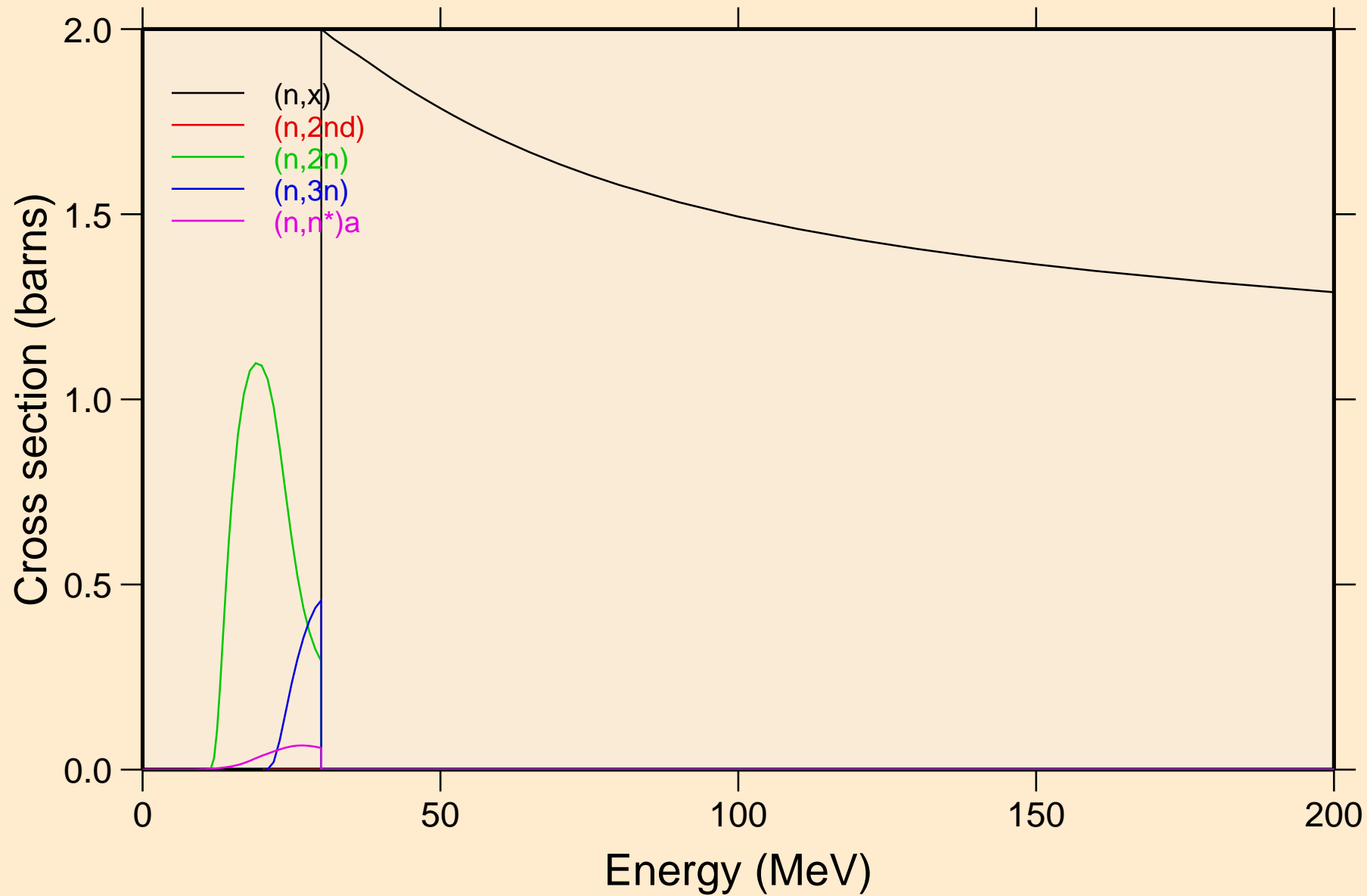
# EU143 NRG TENDL-2015, AKONING

## Inelastic levels



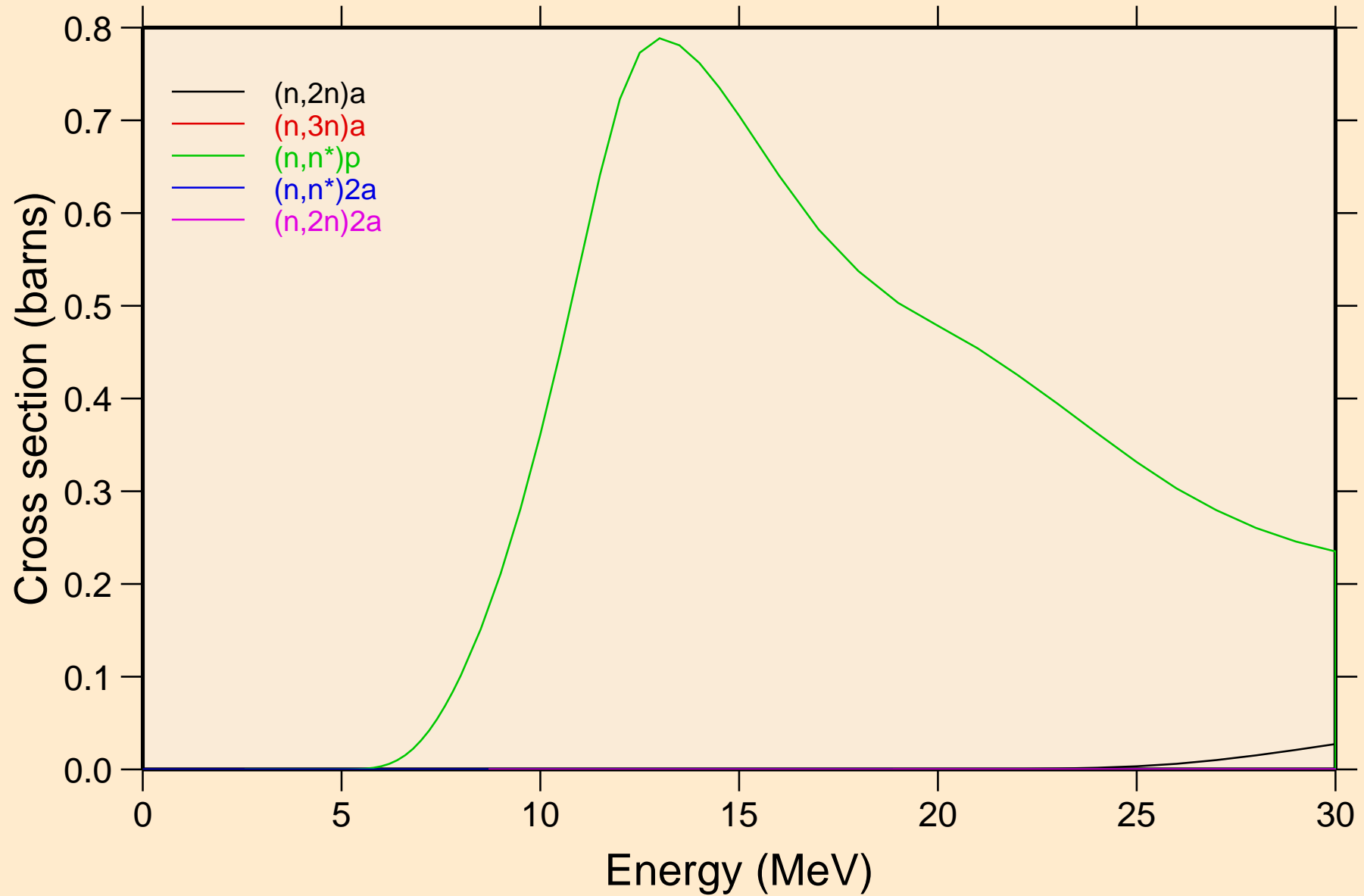
# EU143 NRG TENDL-2015, AKONING

## Threshold reactions



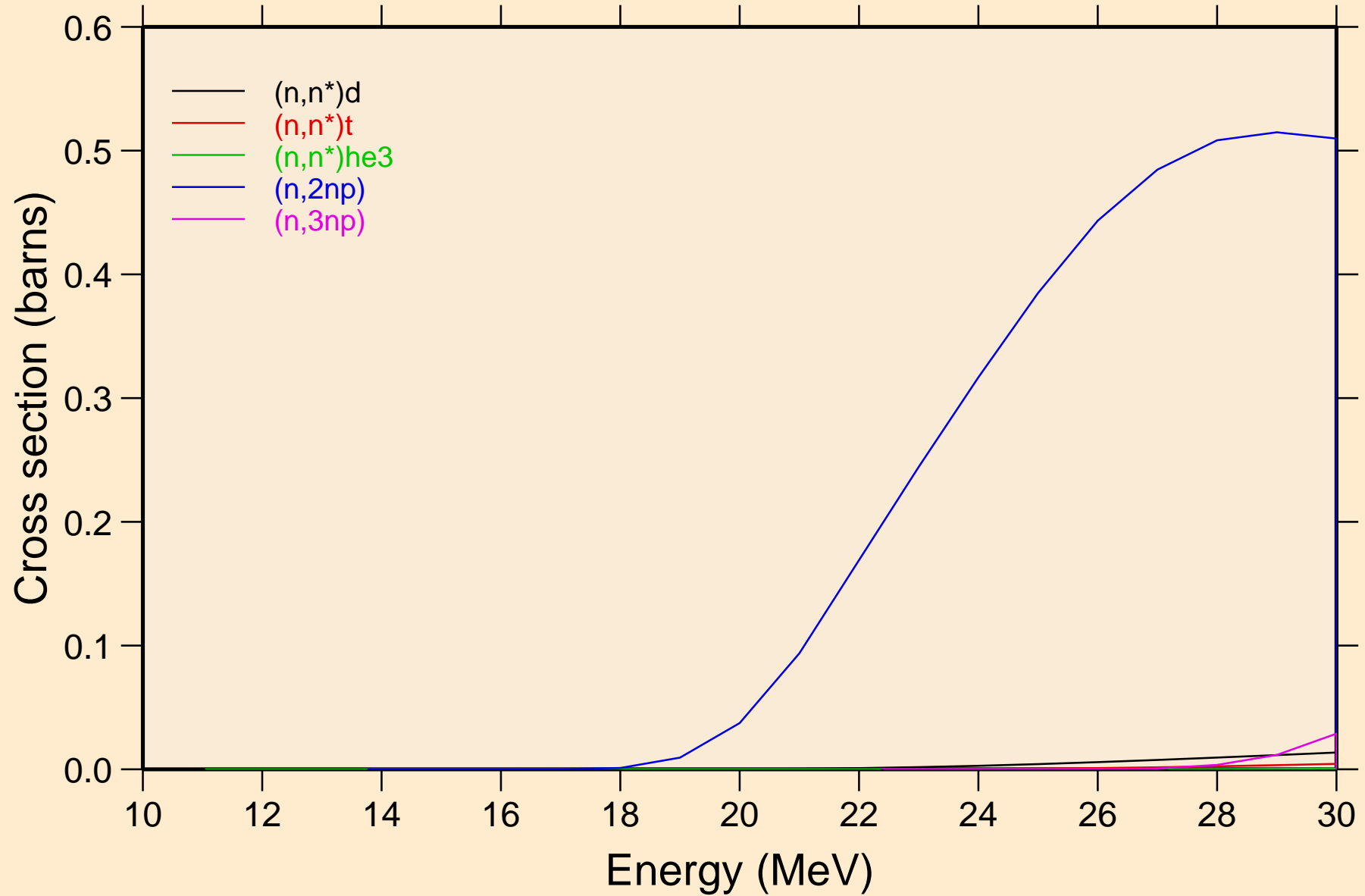
# EU143 NRG TENDL-2015, AKONING

## Threshold reactions



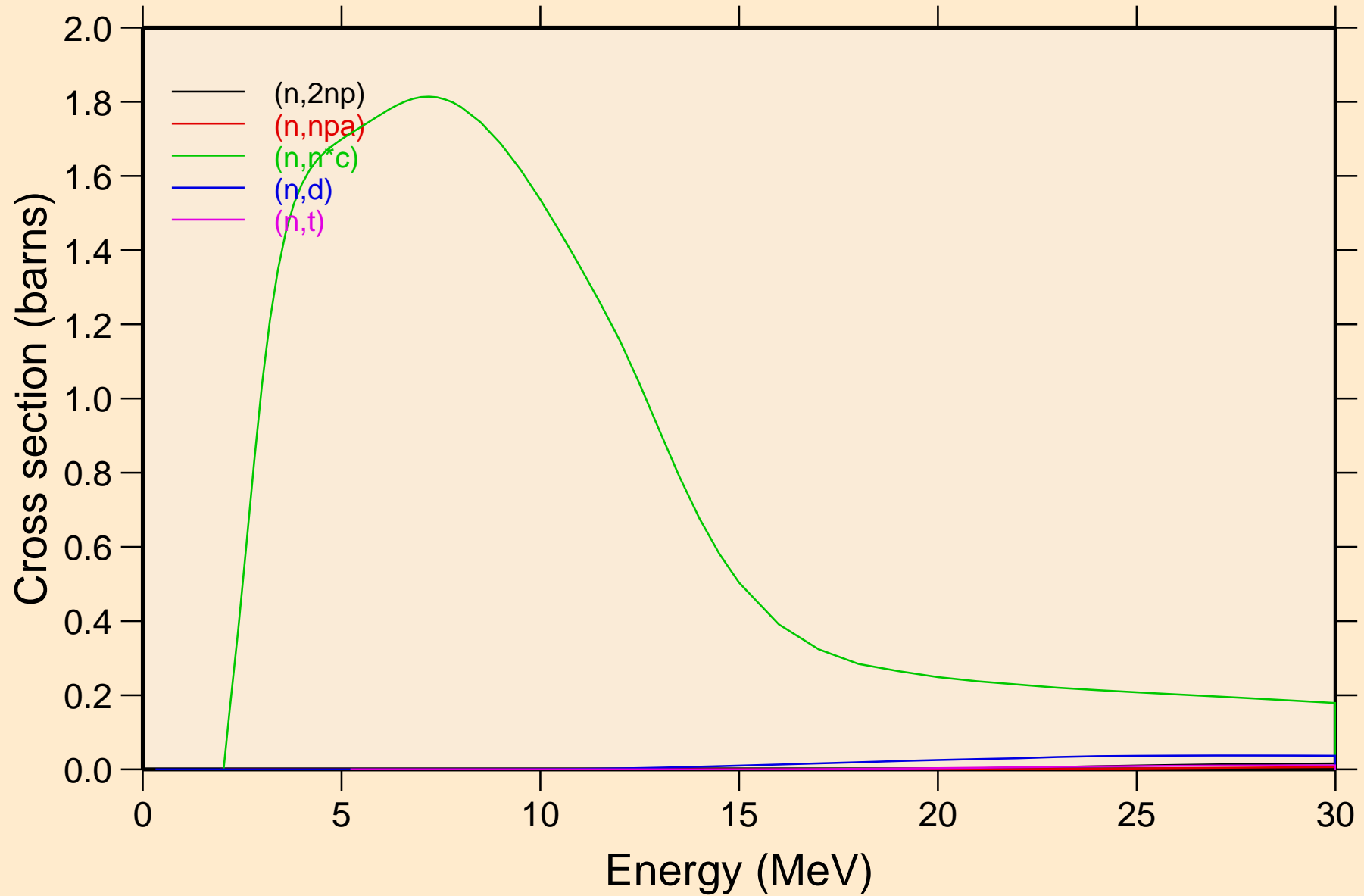
# EU143 NRG TENDL-2015, AKONING

## Threshold reactions



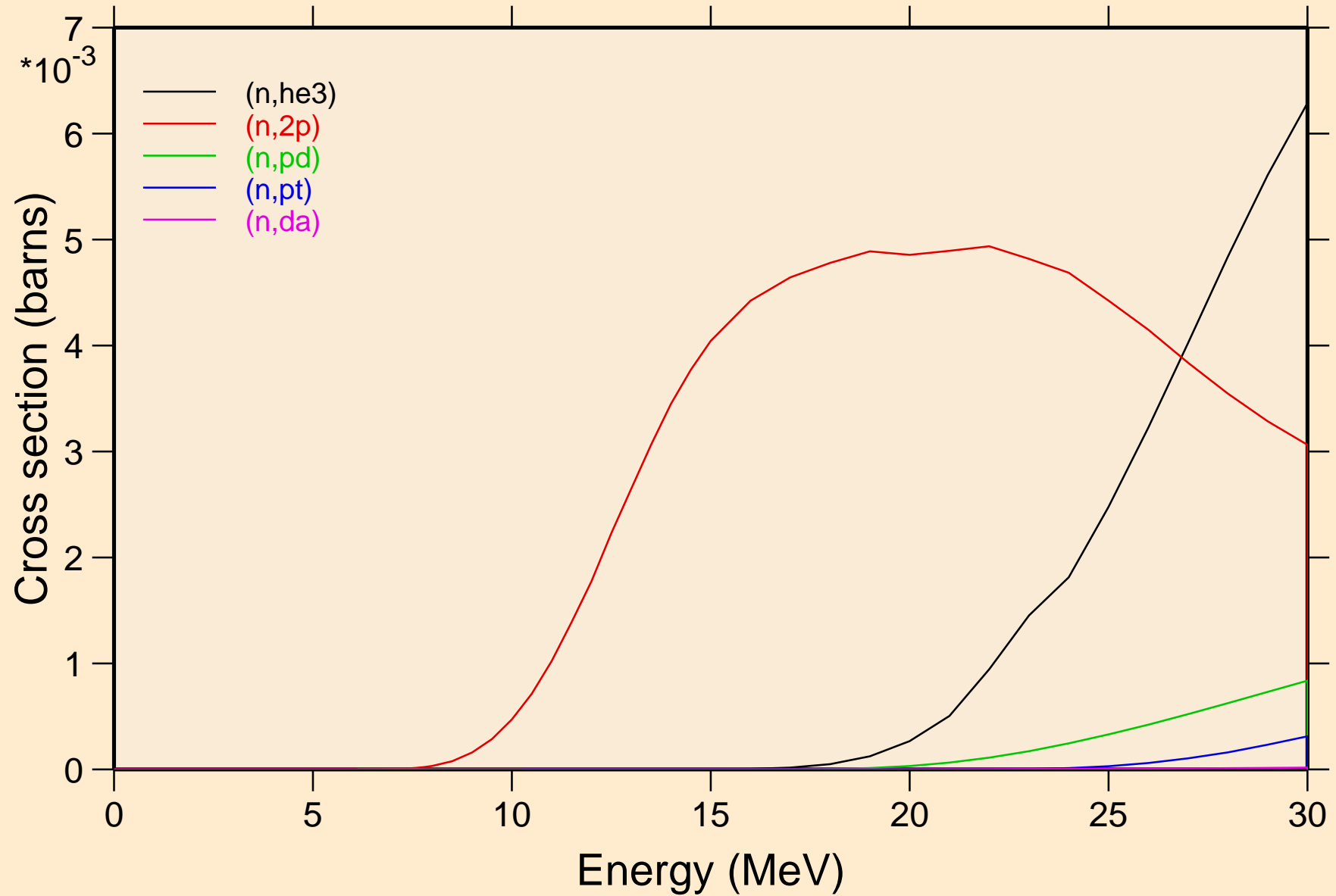
# EU143 NRG TENDL-2015, AKONING

## Threshold reactions

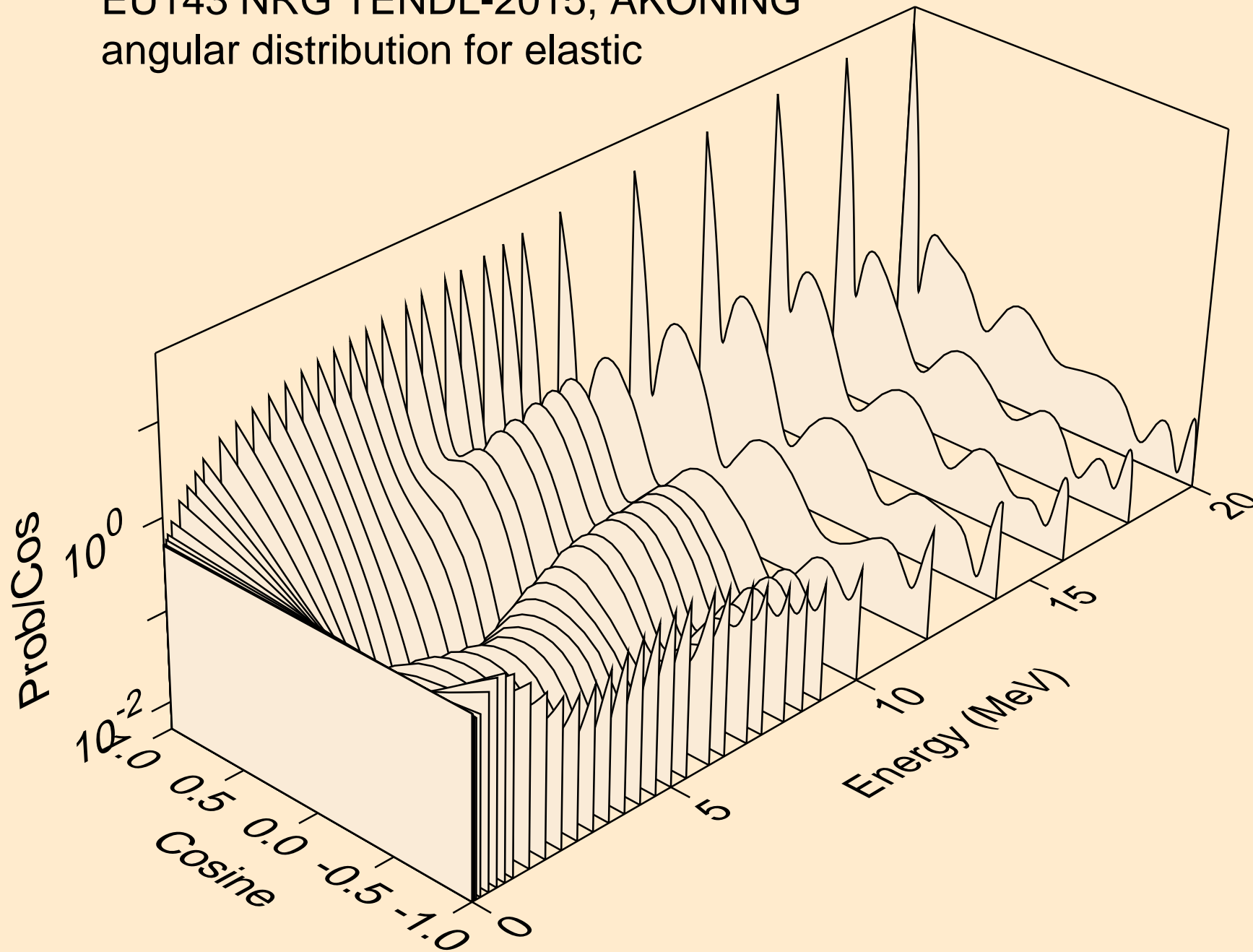


# EU143 NRG TENDL-2015, AKONING

## Threshold reactions

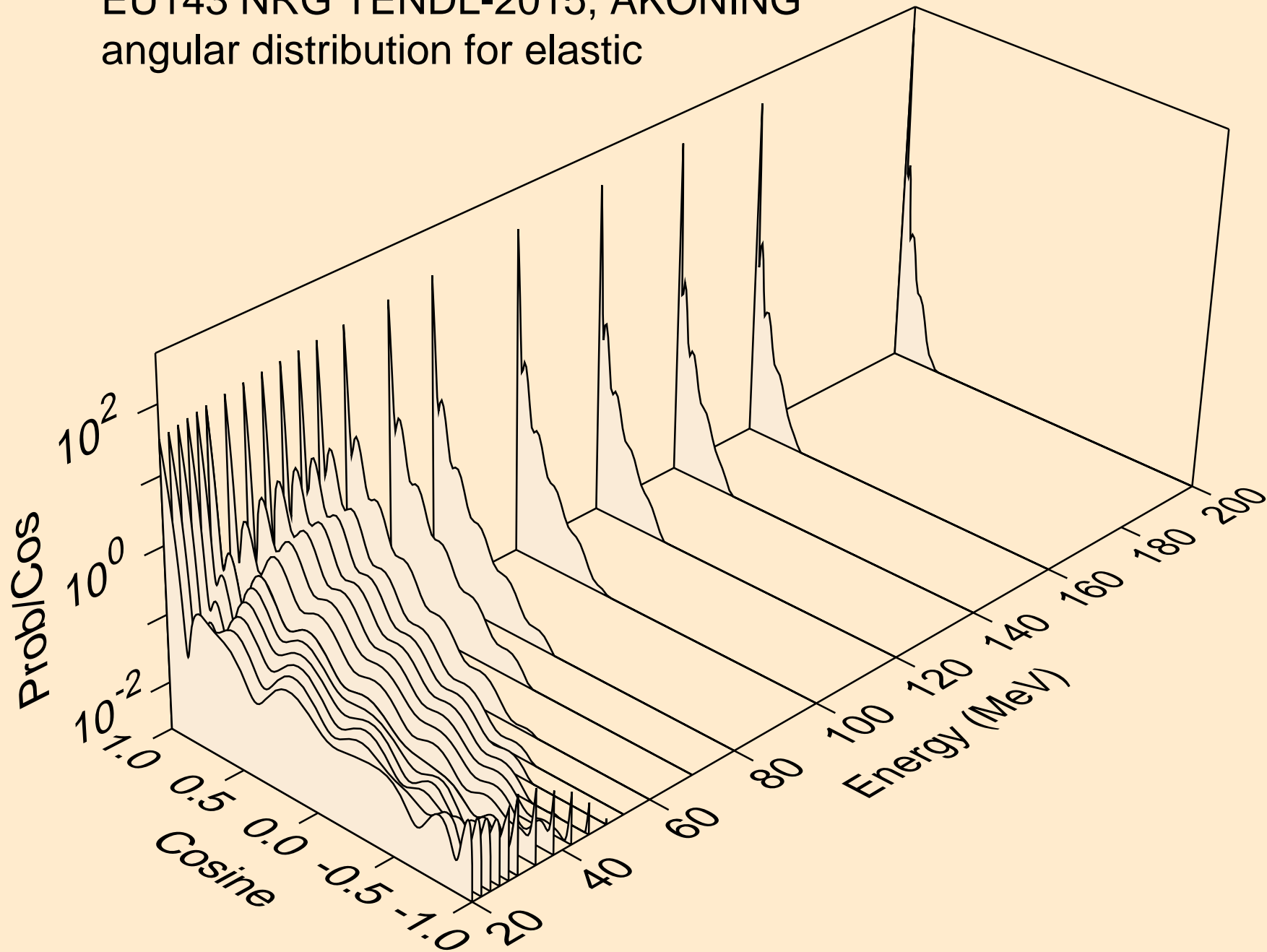


EU143 NRG TENDL-2015, AKONING  
angular distribution for elastic

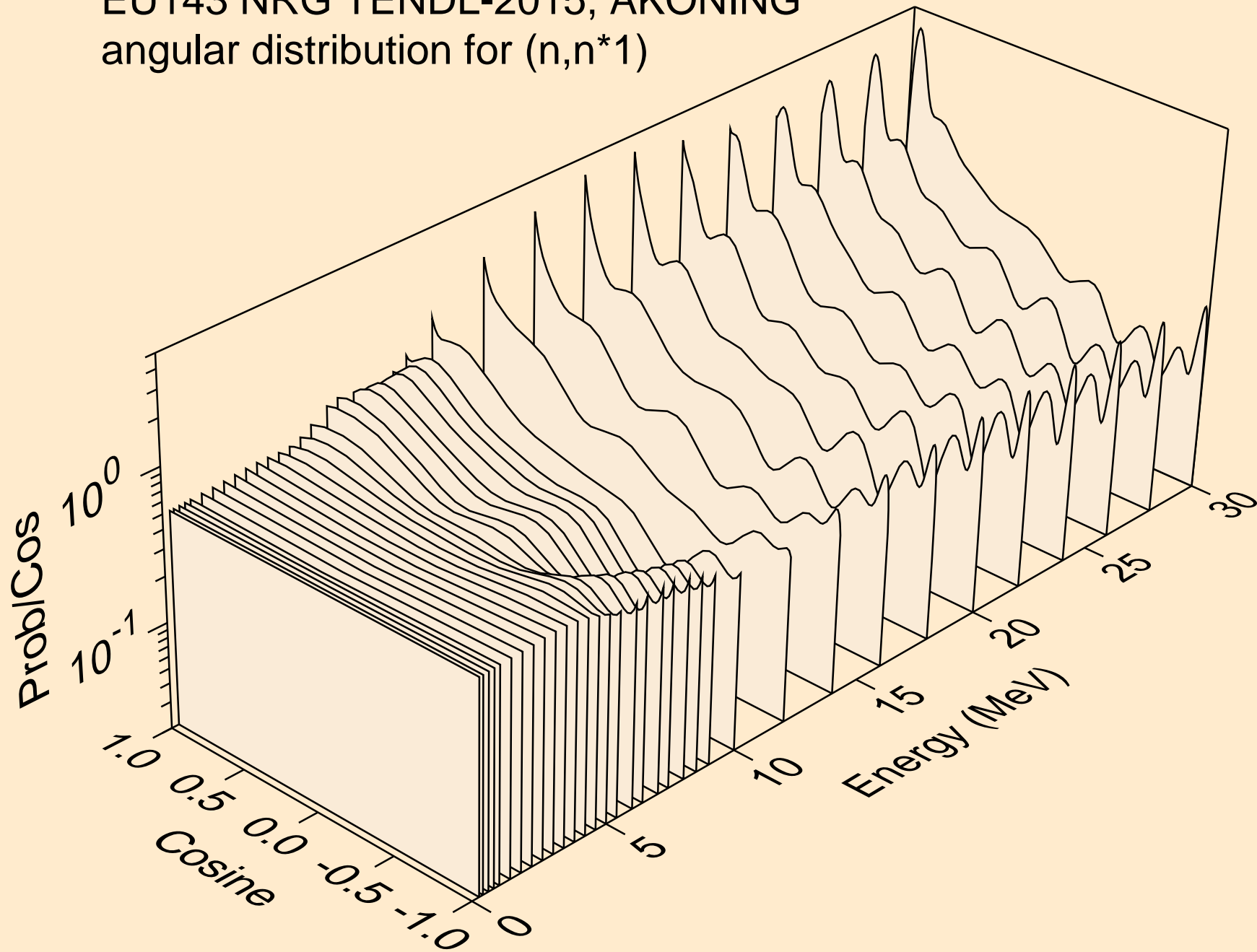




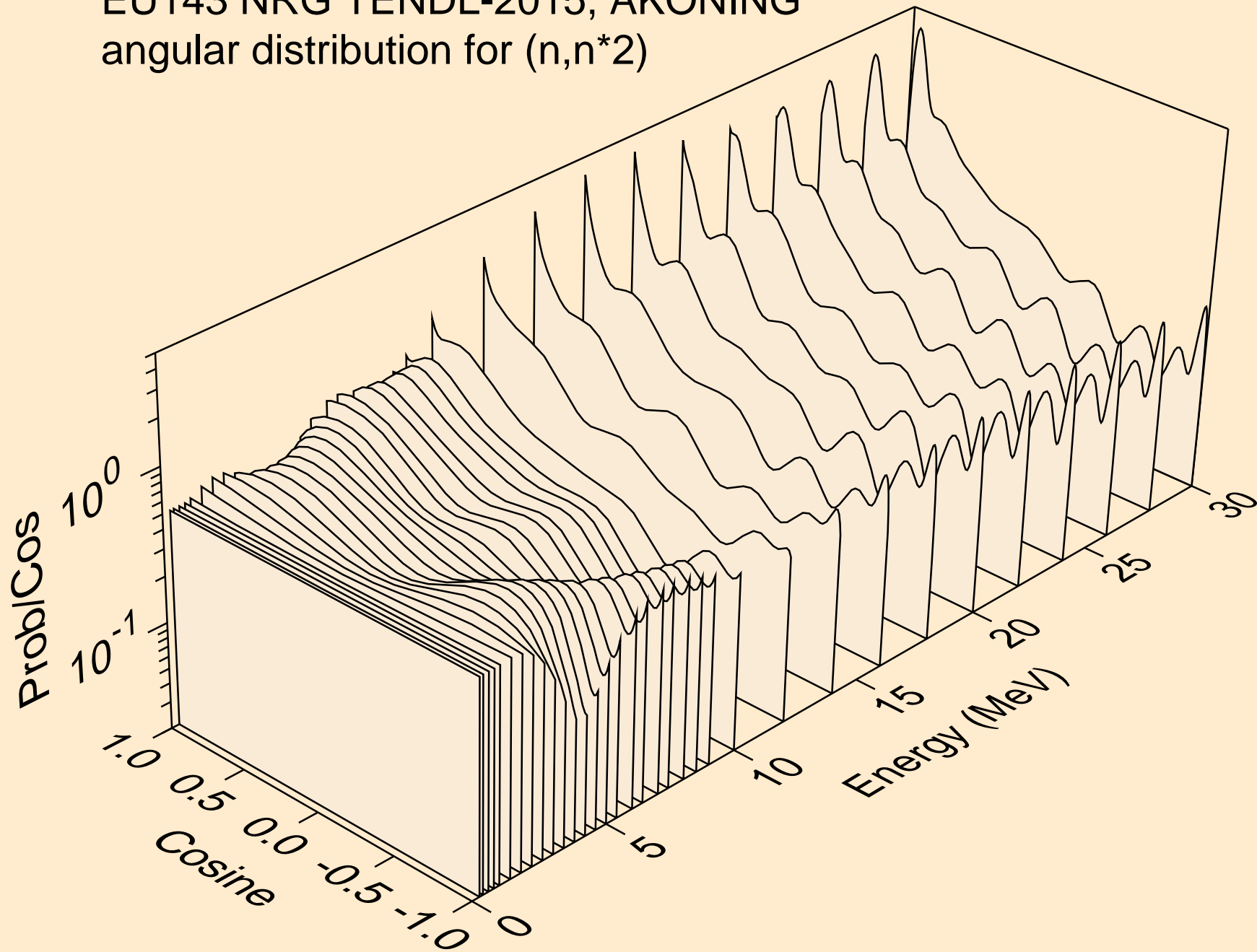
EU143 NRG TENDL-2015, AKONING  
angular distribution for elastic



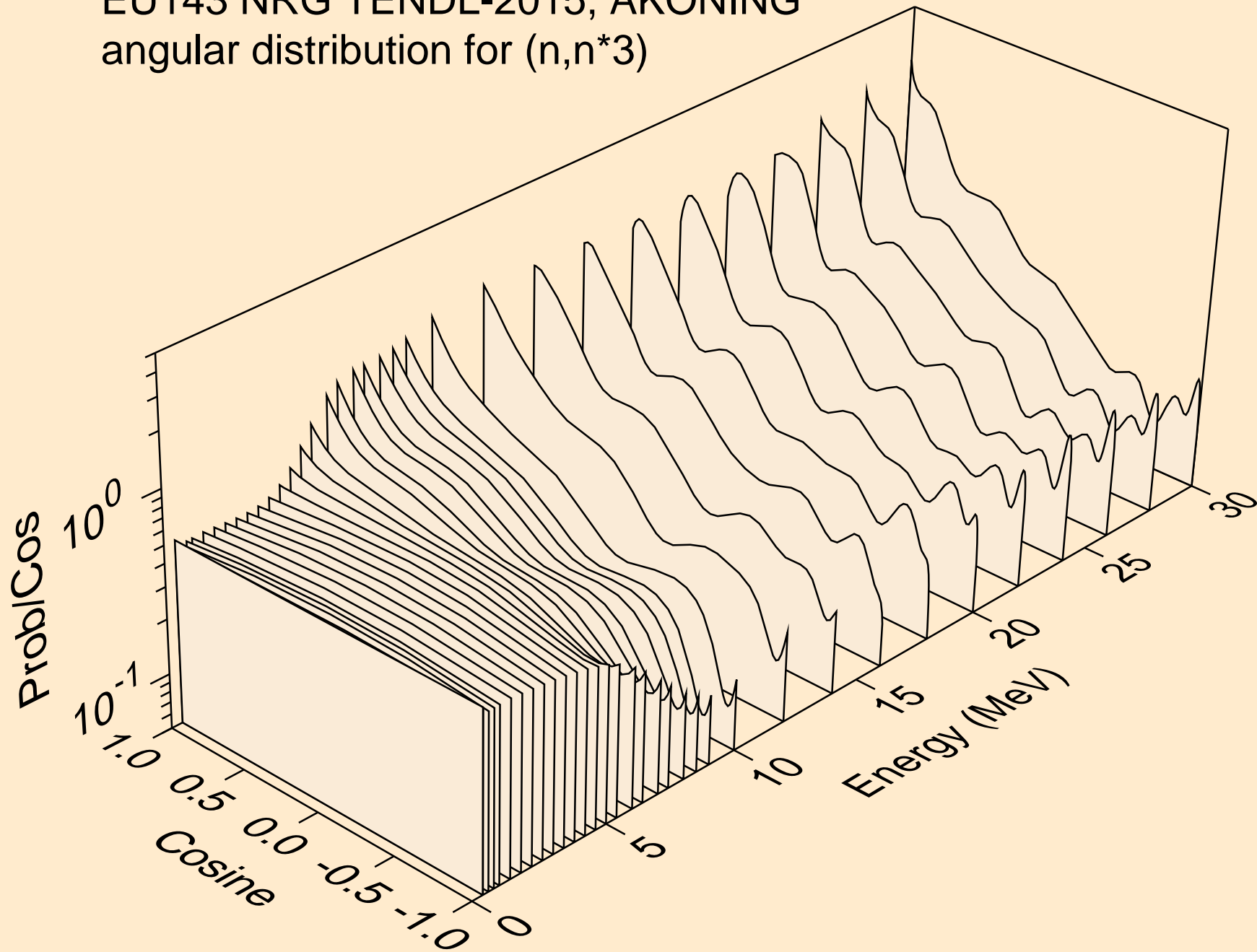
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



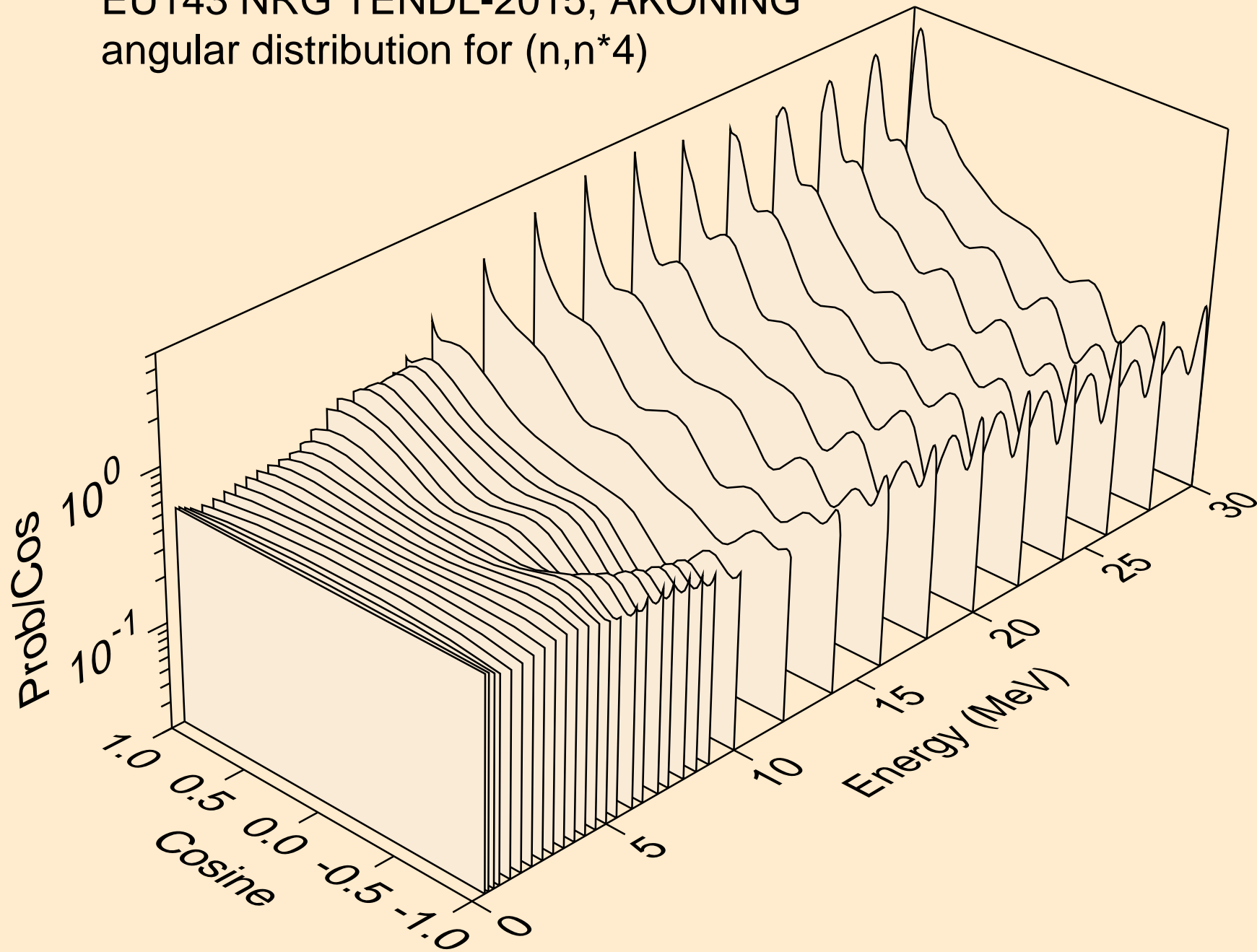
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angular distribution for (n,n\*2)



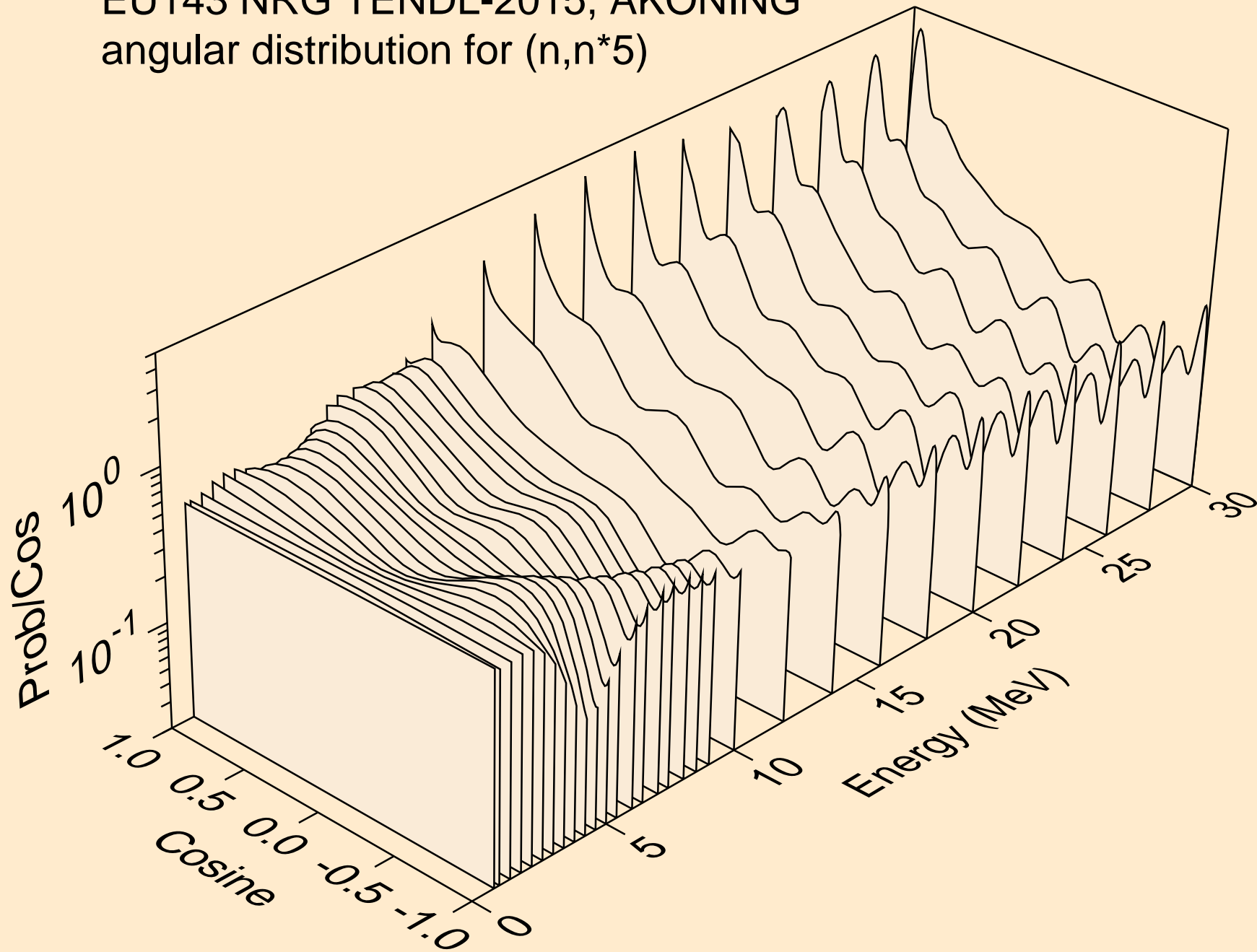
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



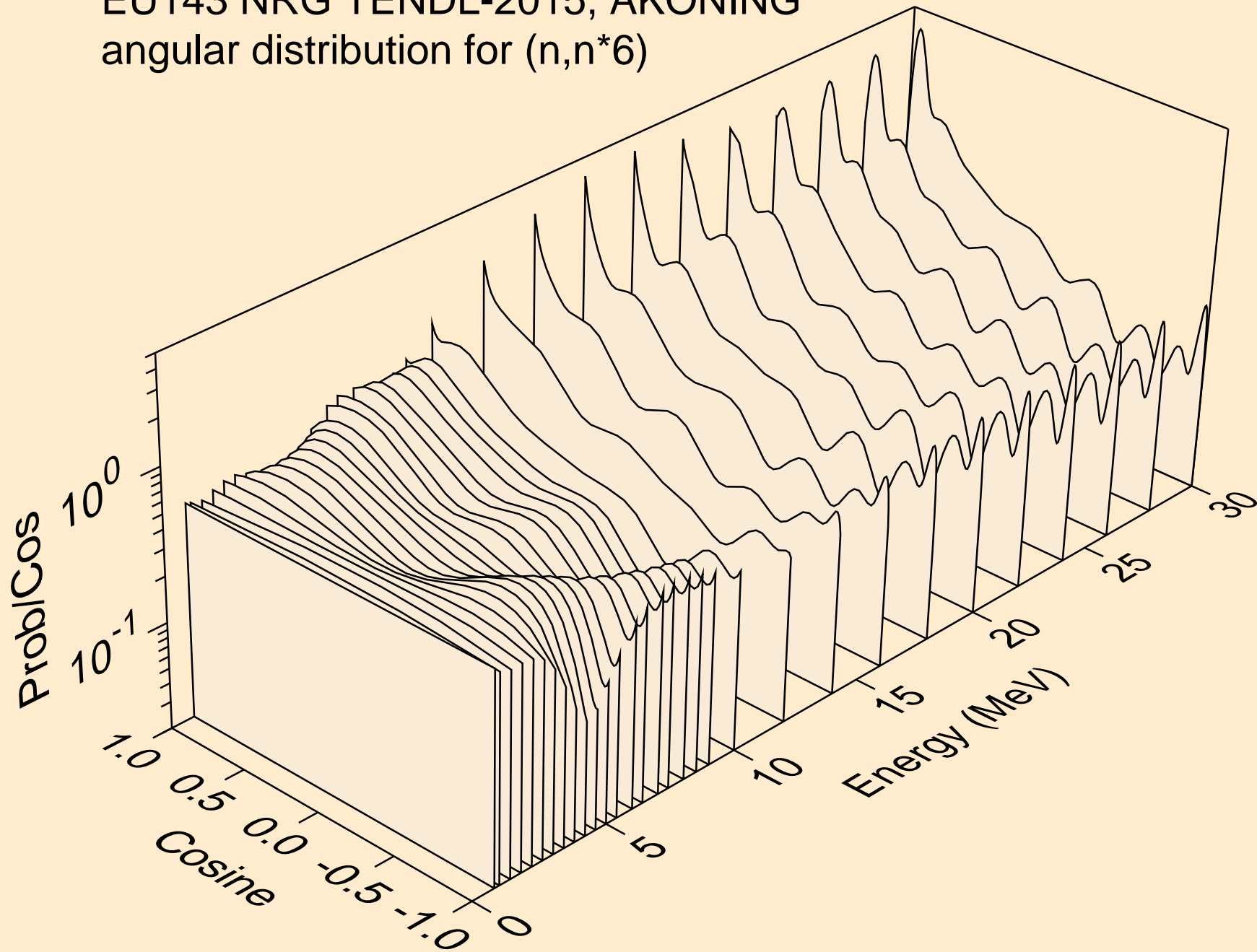
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



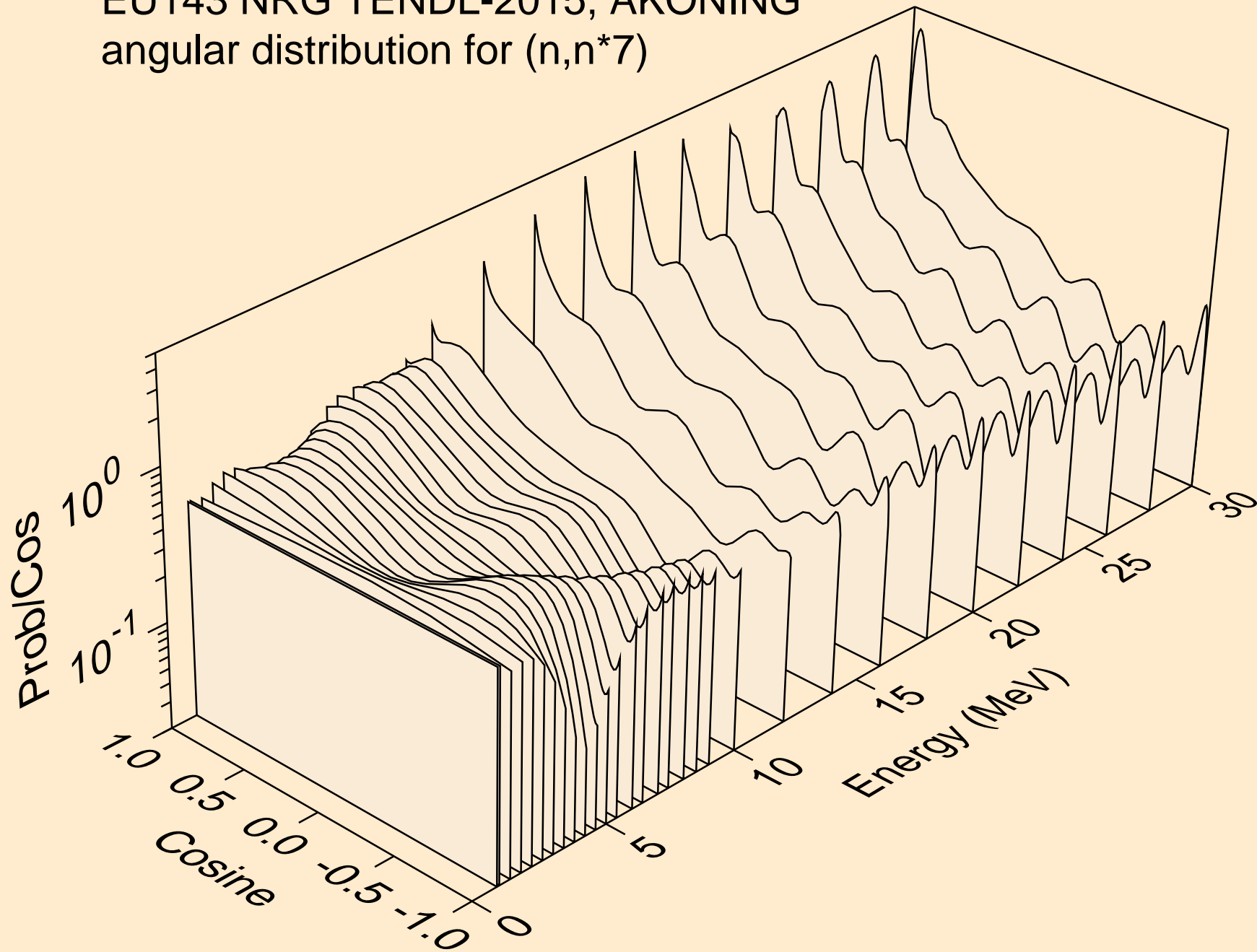
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

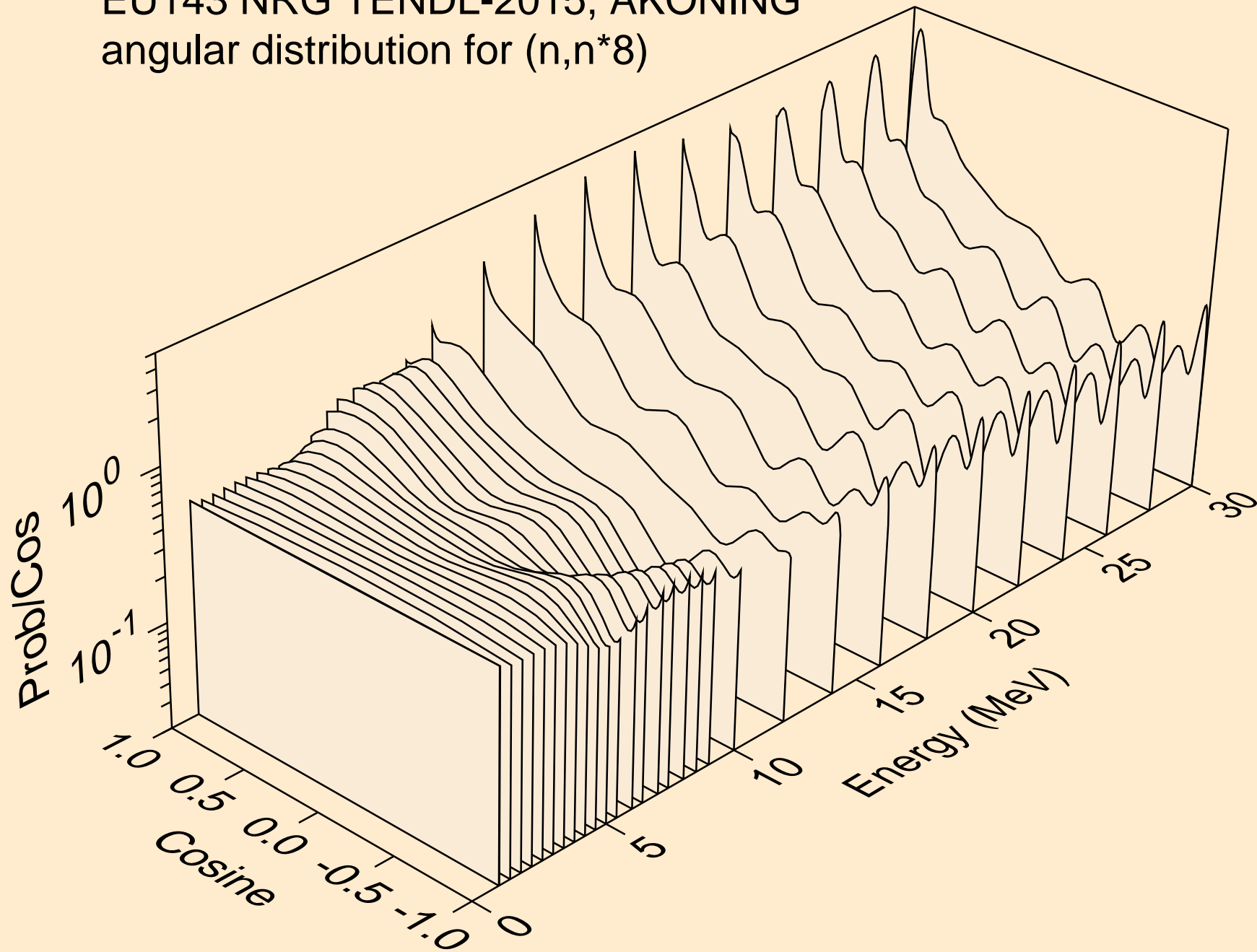


EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

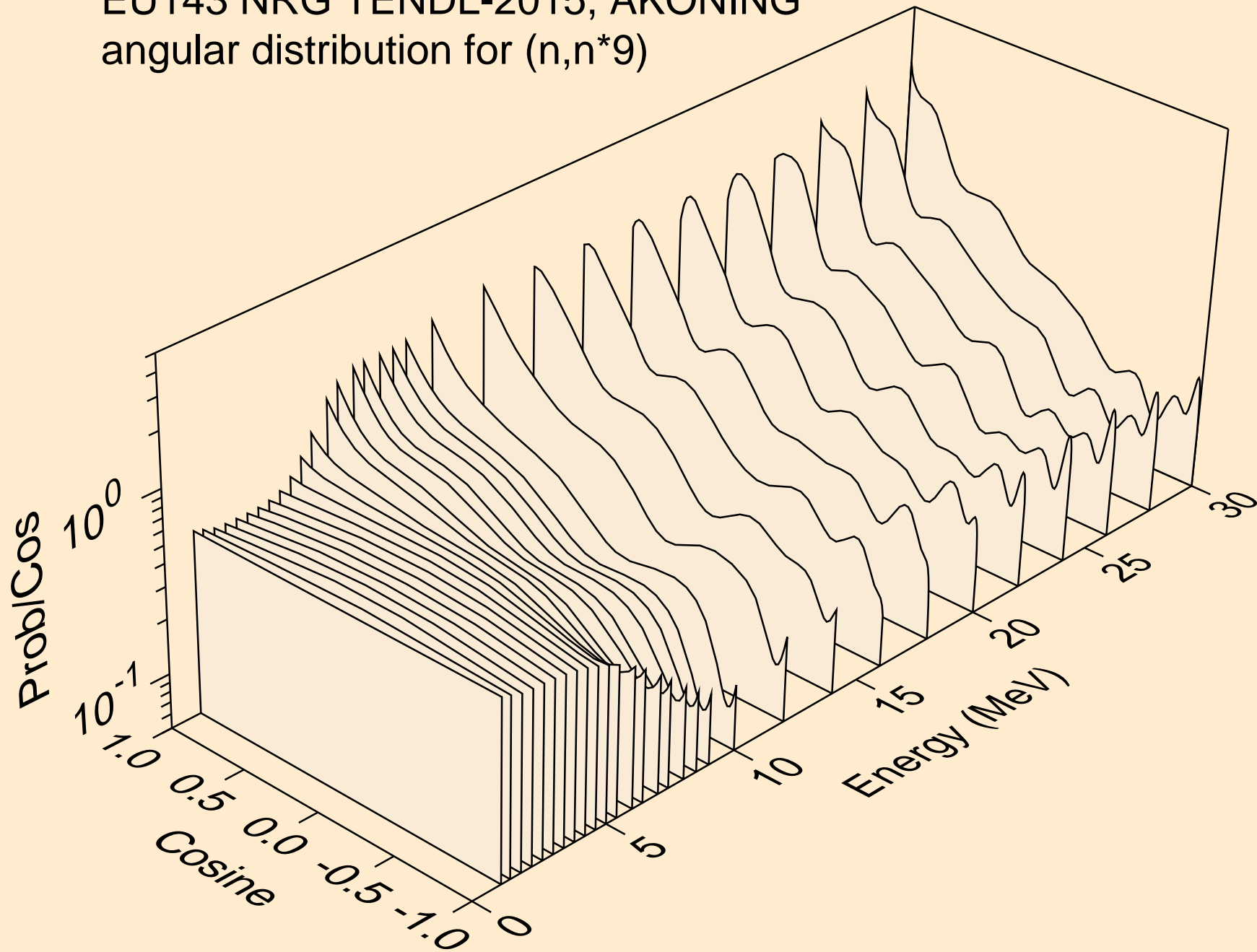




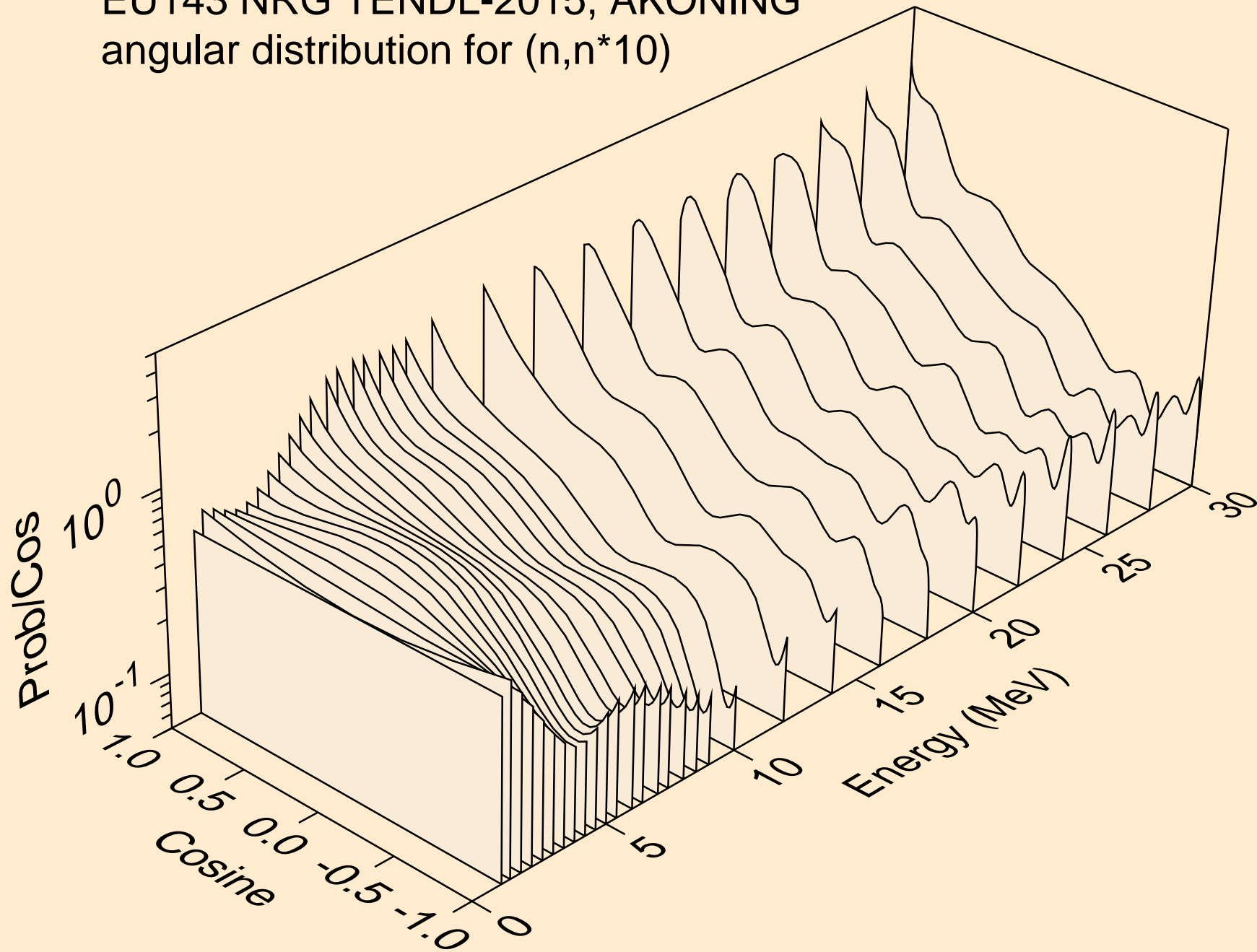
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angular distribution for (n,n\*8)



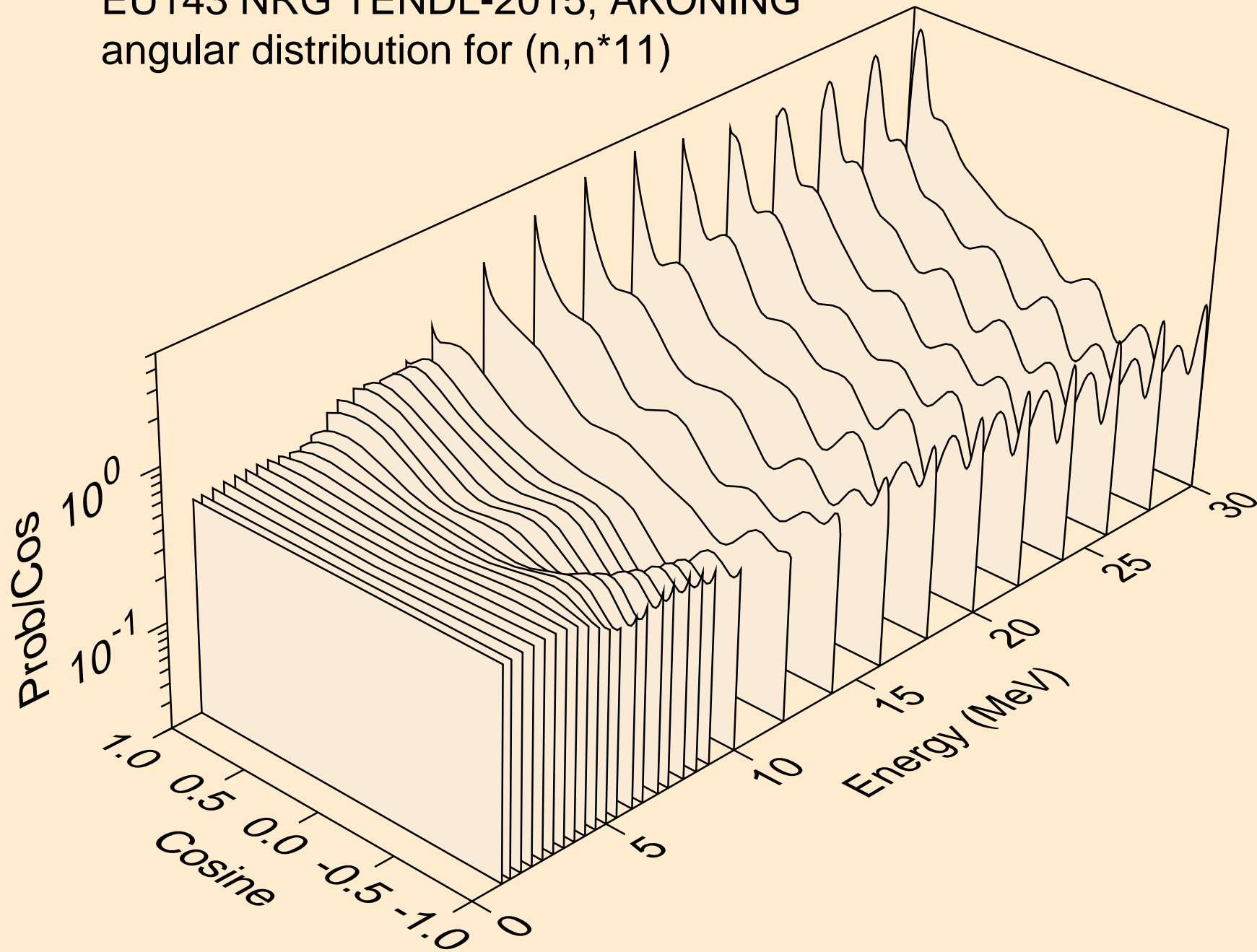
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angular distribution for (n,n\*9)



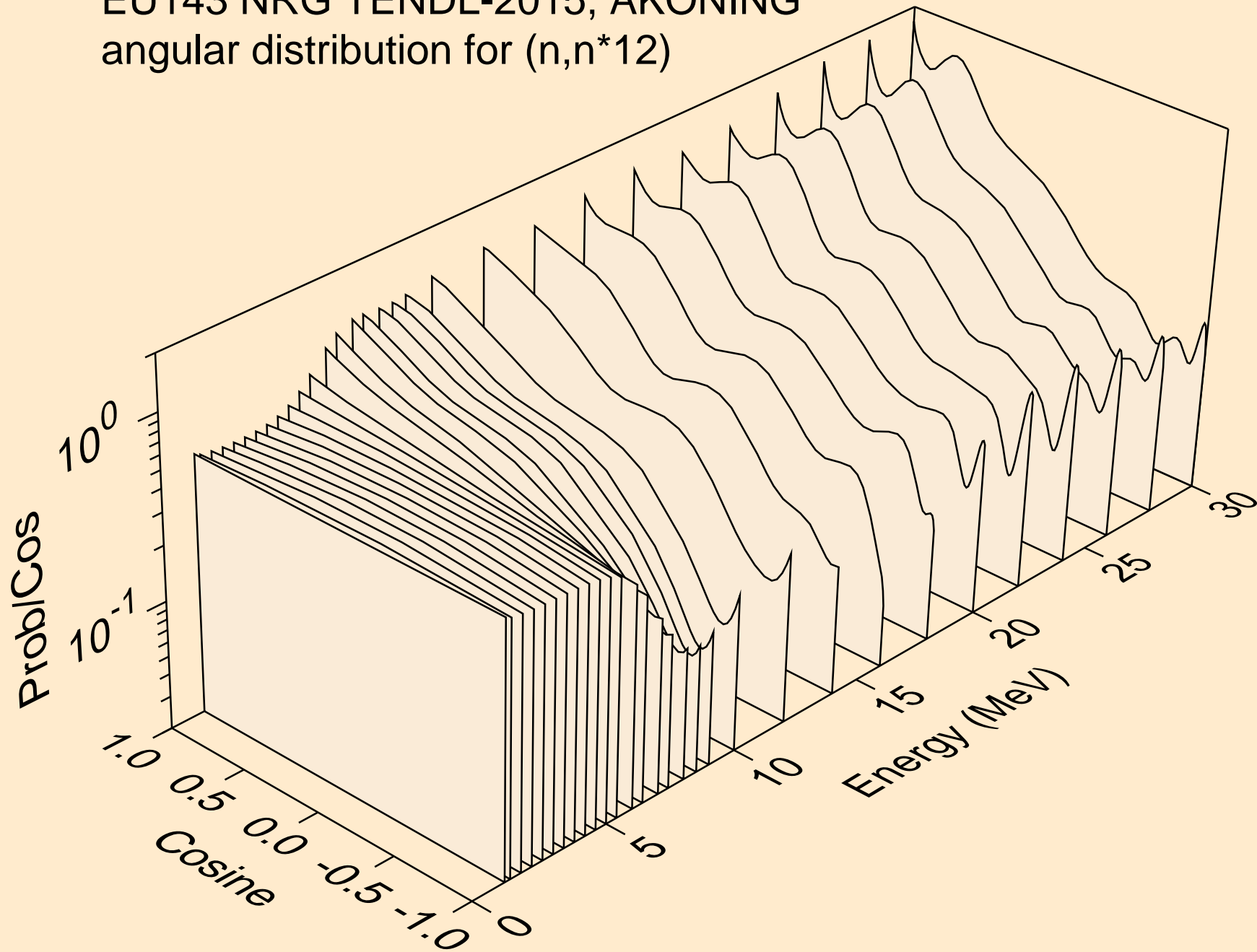
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



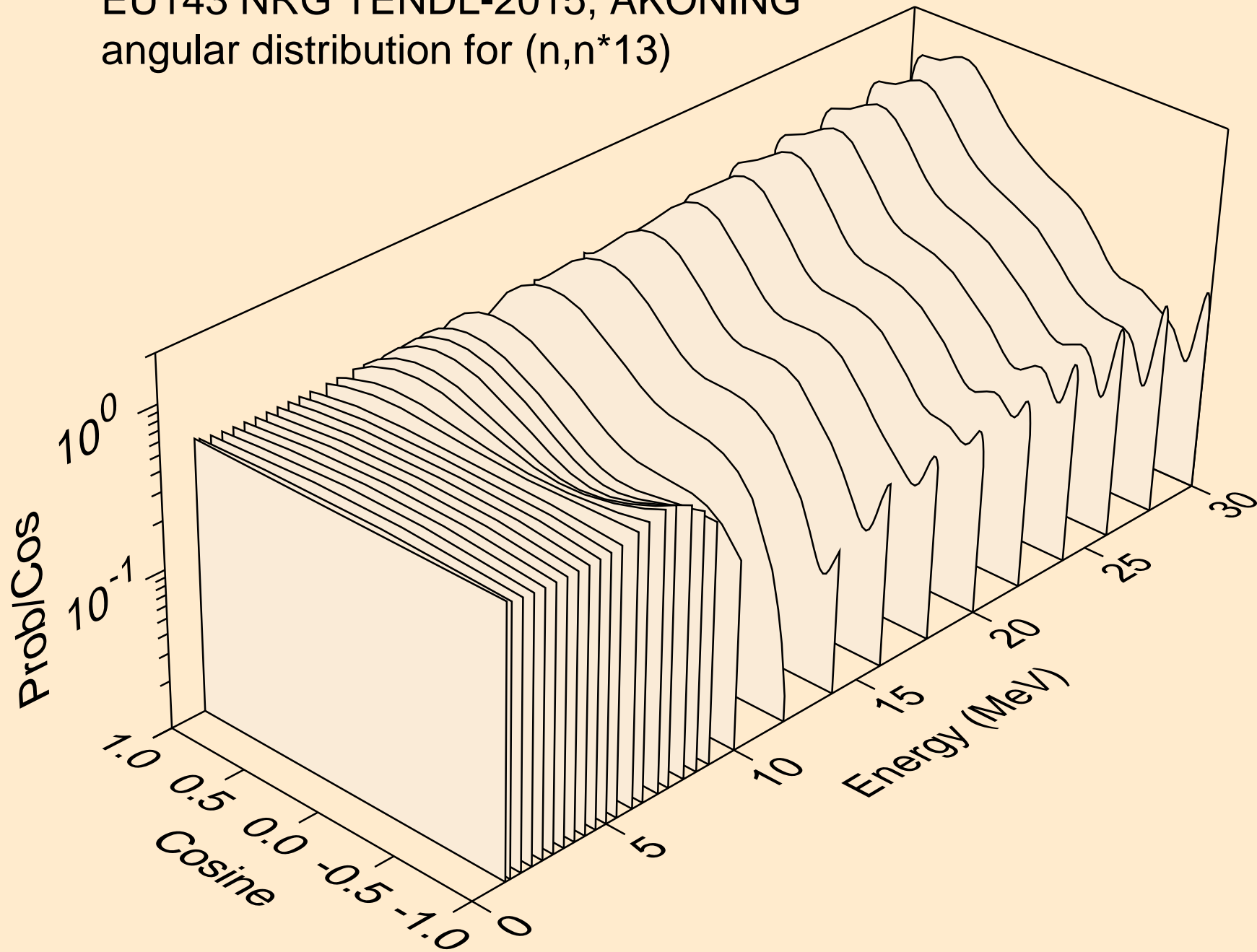
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angular distribution for (n,n\*11)



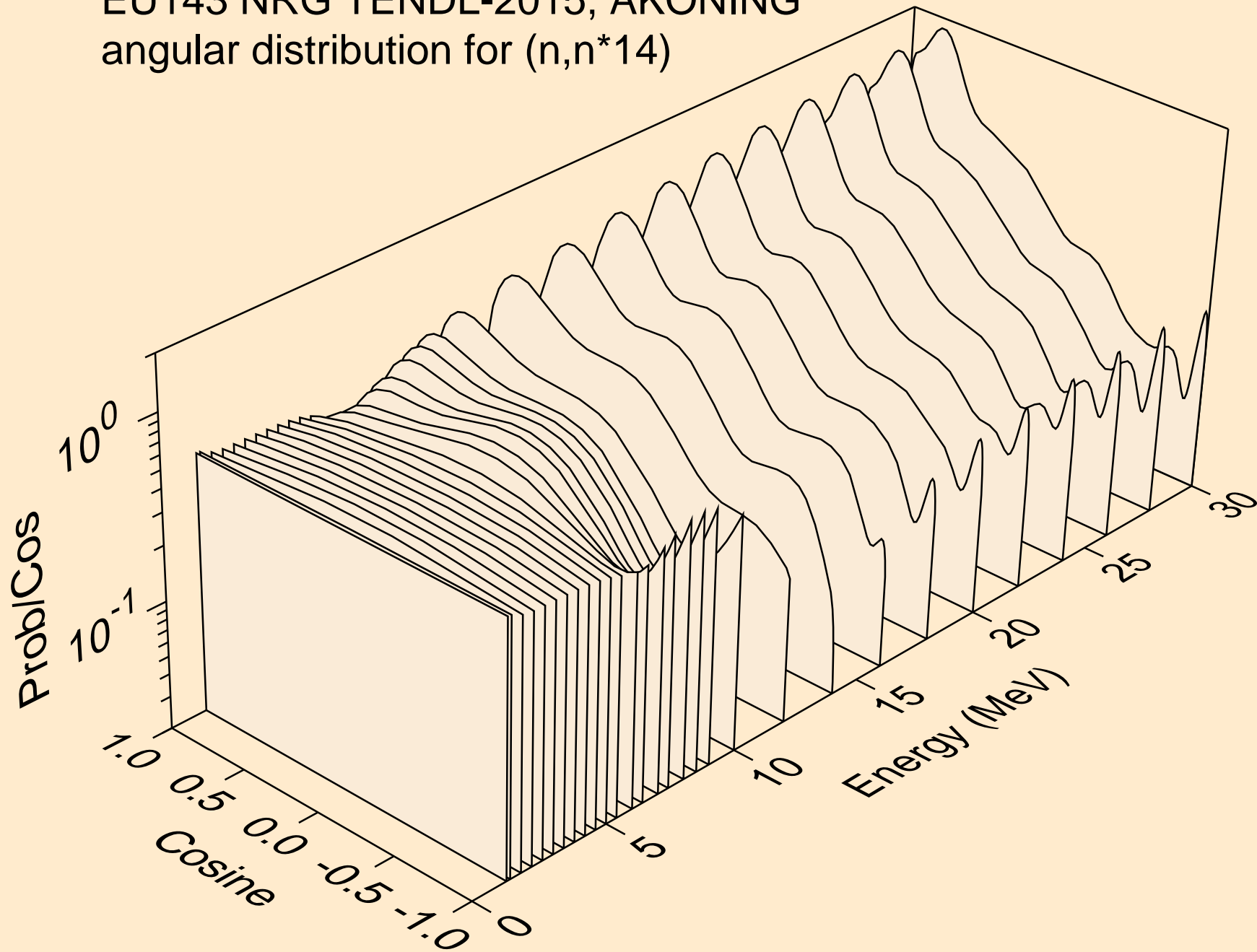
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



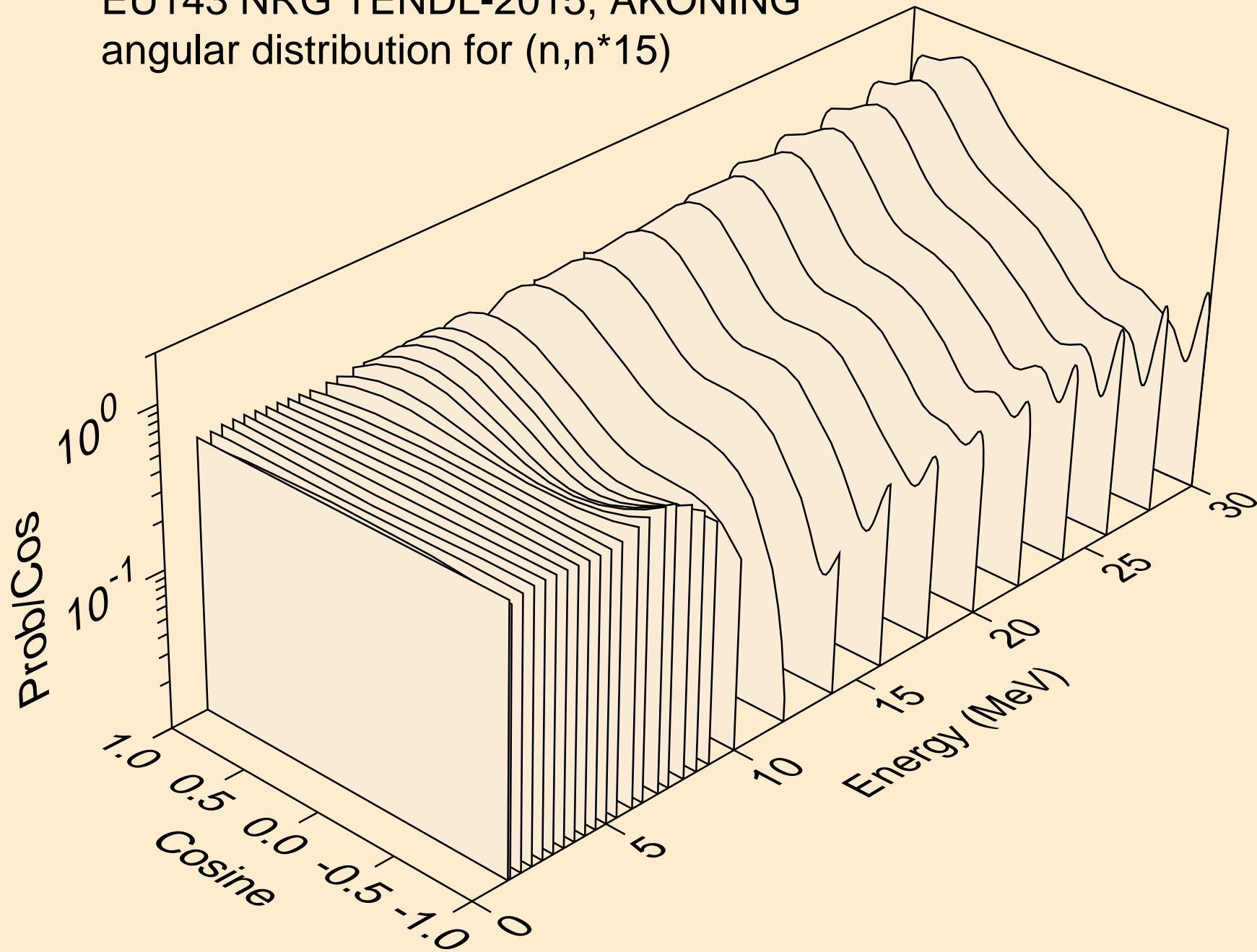
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

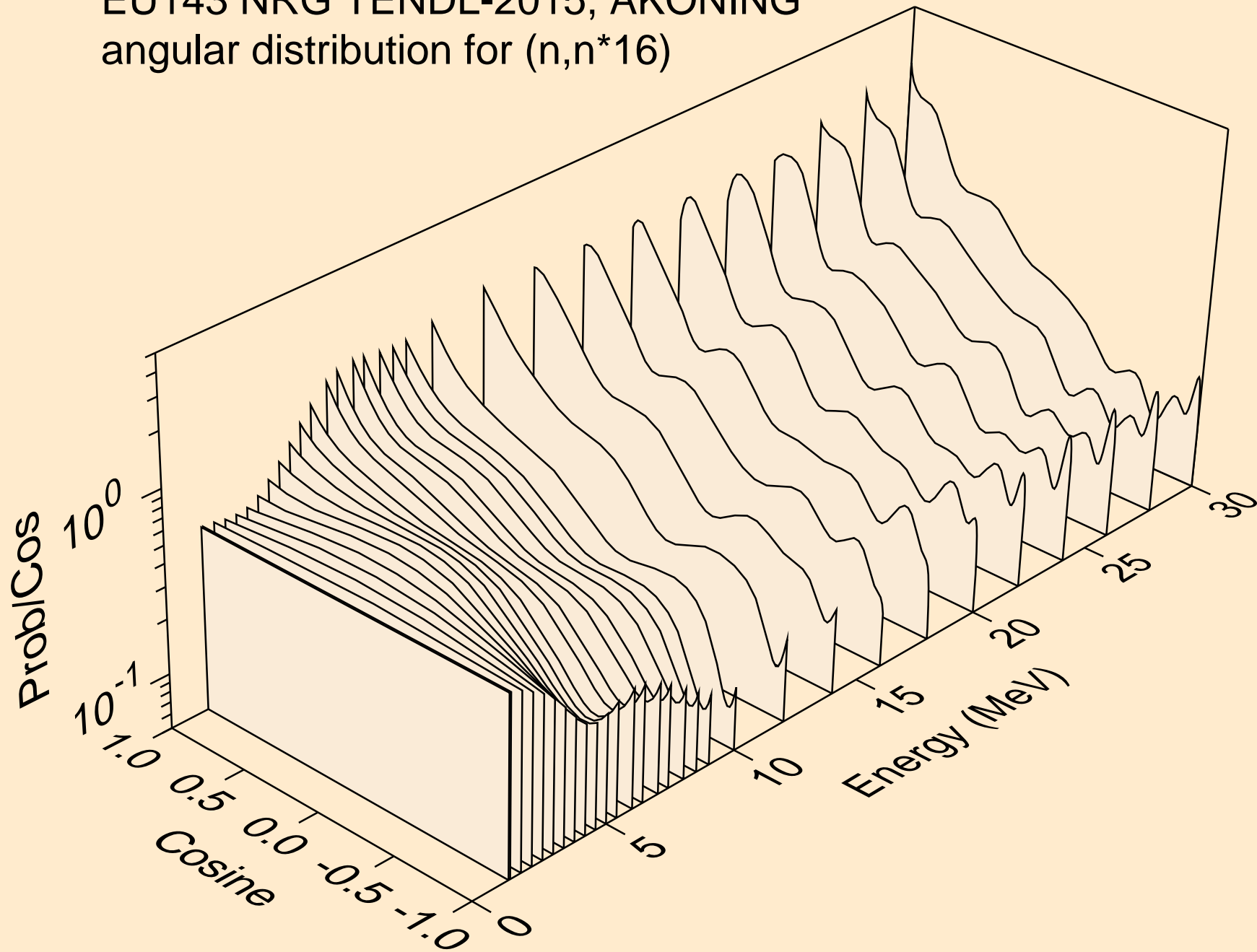


EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

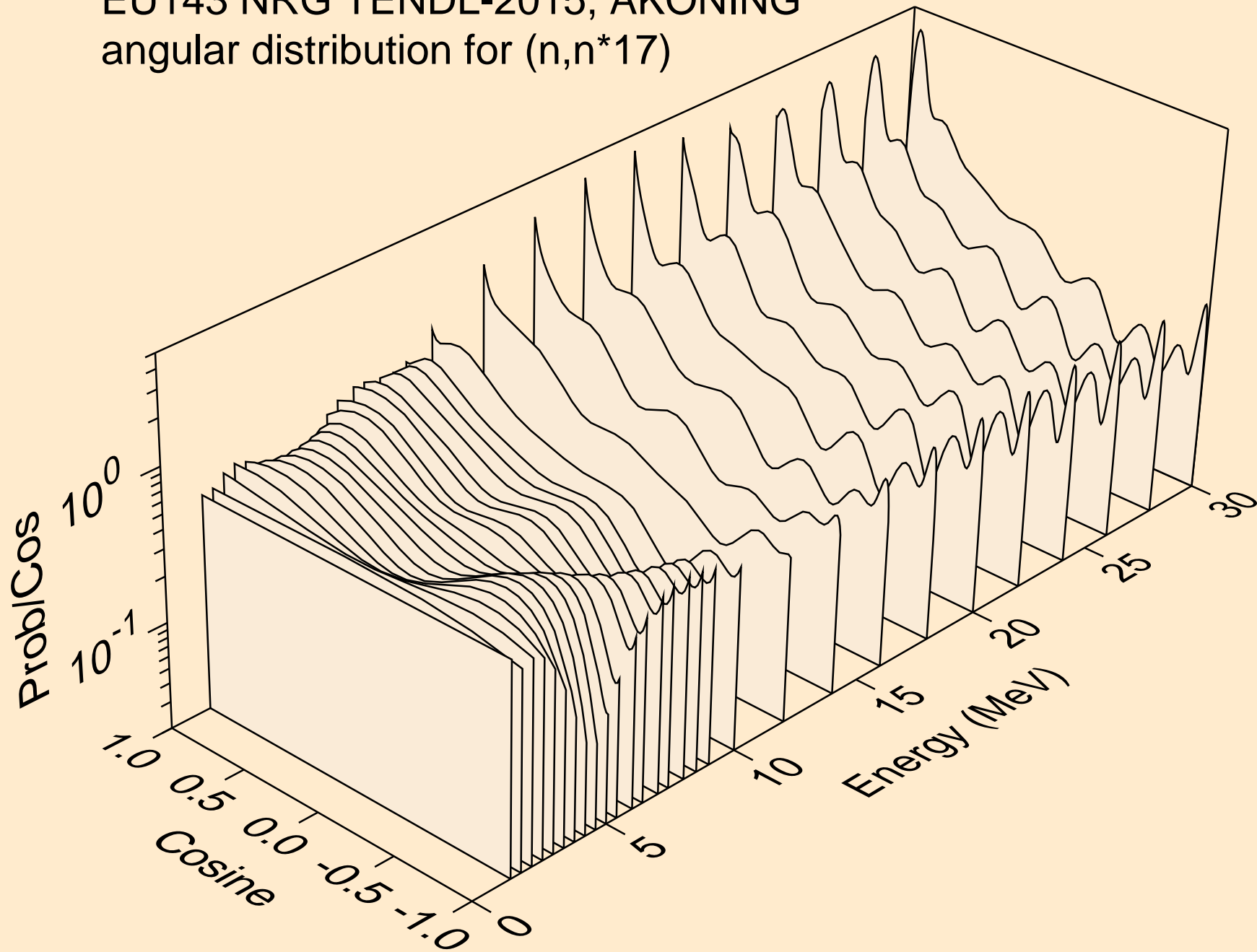




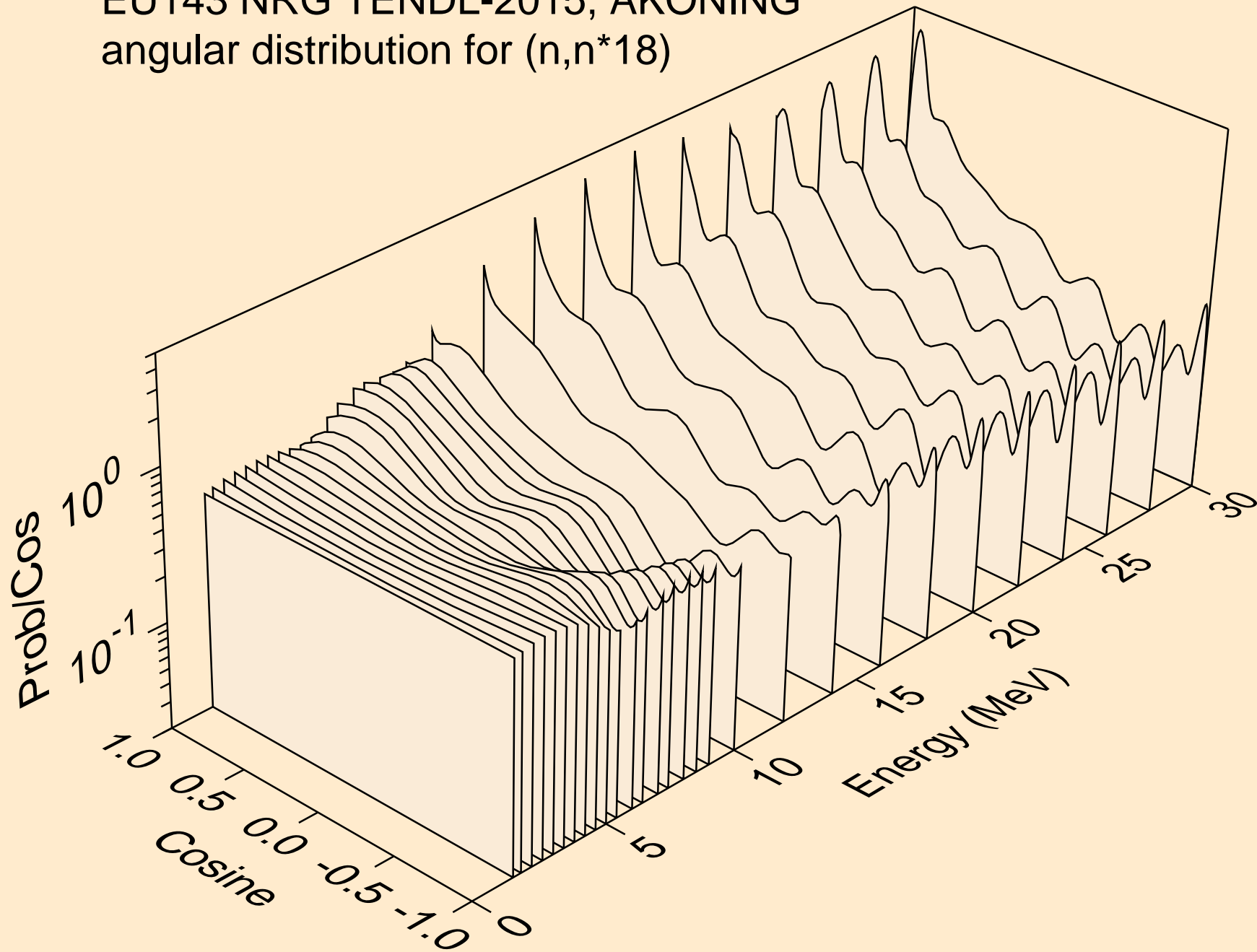
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angular distribution for (n,n\*16)



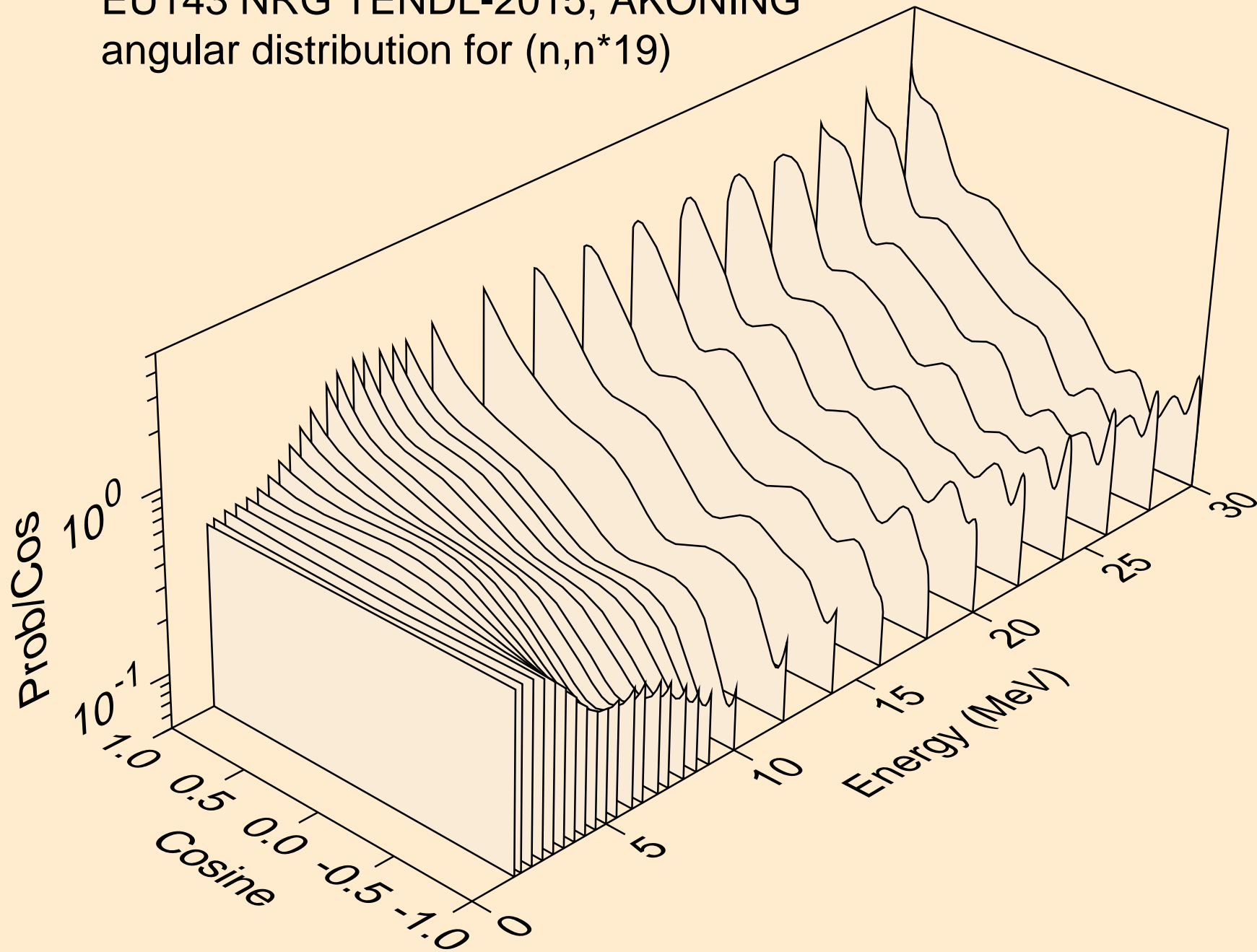
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angular distribution for (n,n\*17)



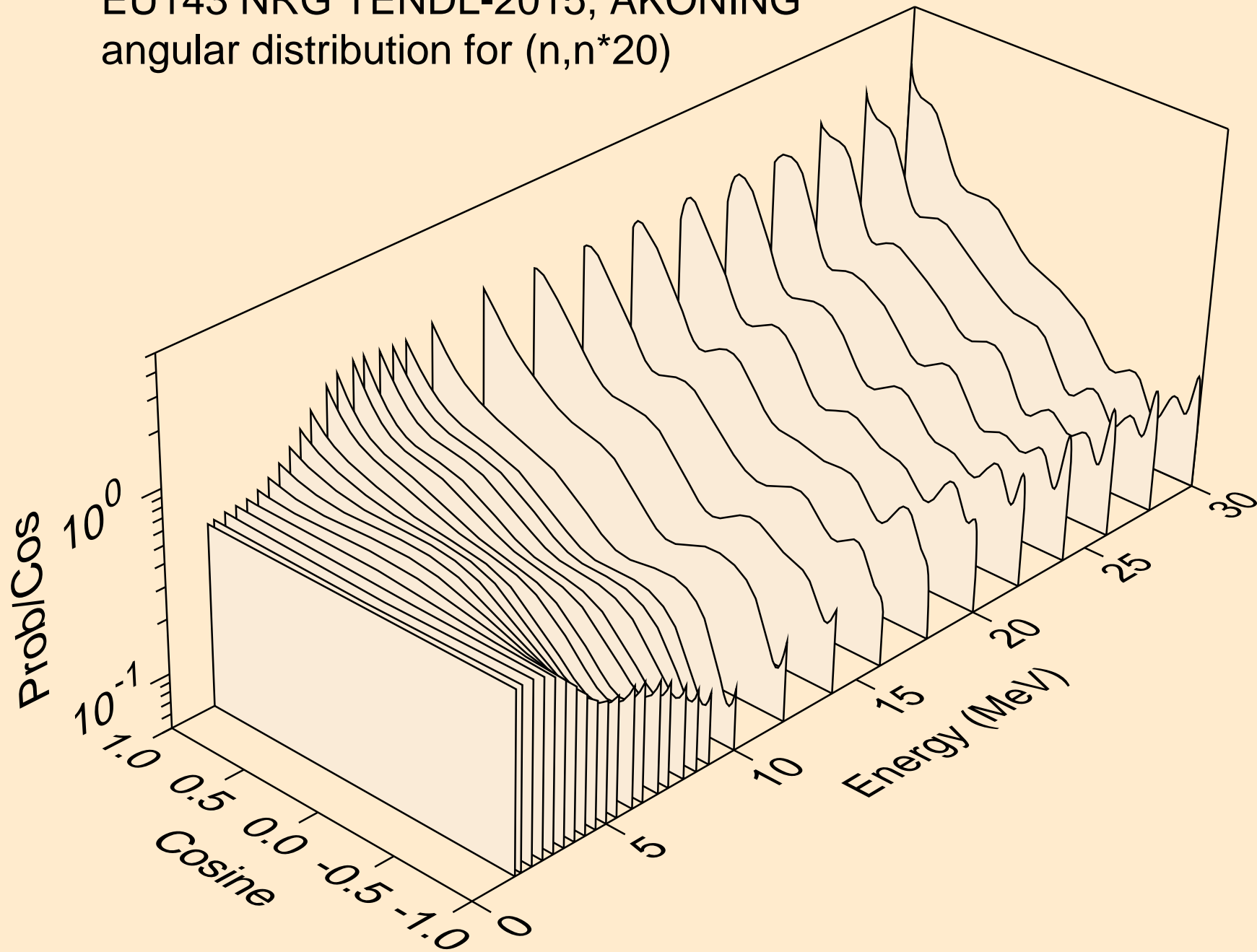
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angular distribution for (n,n\*18)



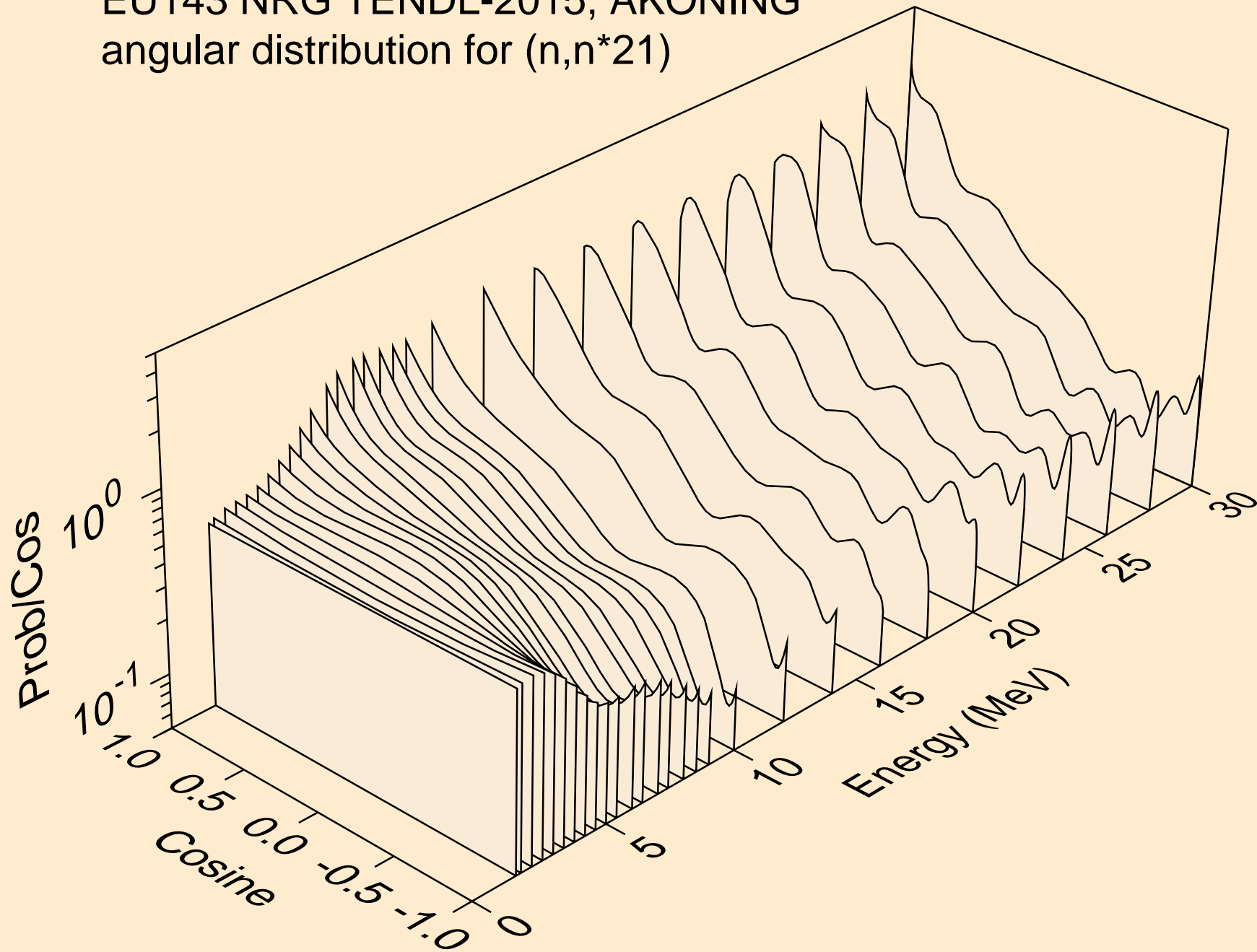
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angular distribution for (n,n\*19)



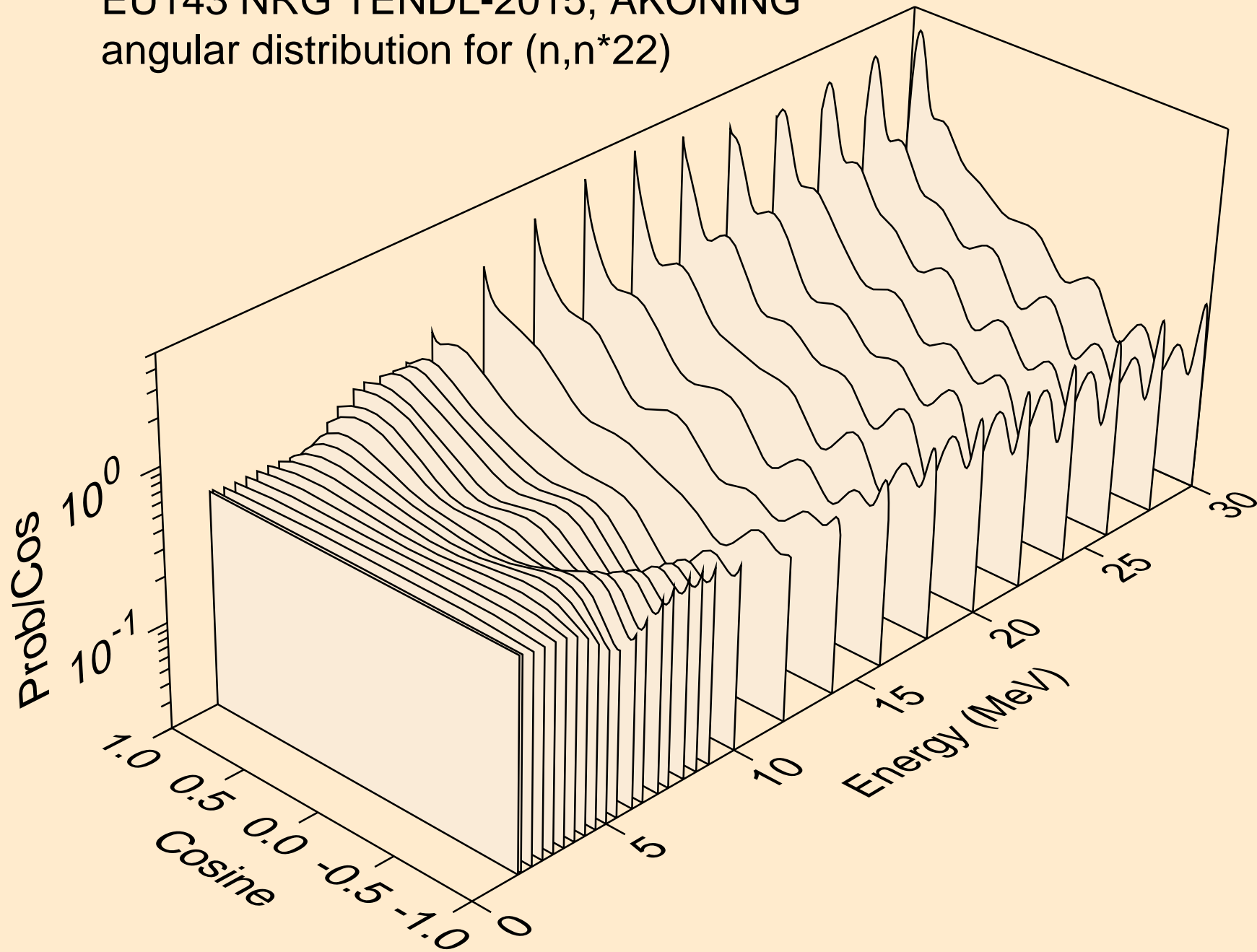
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angular distribution for (n,n\*20)



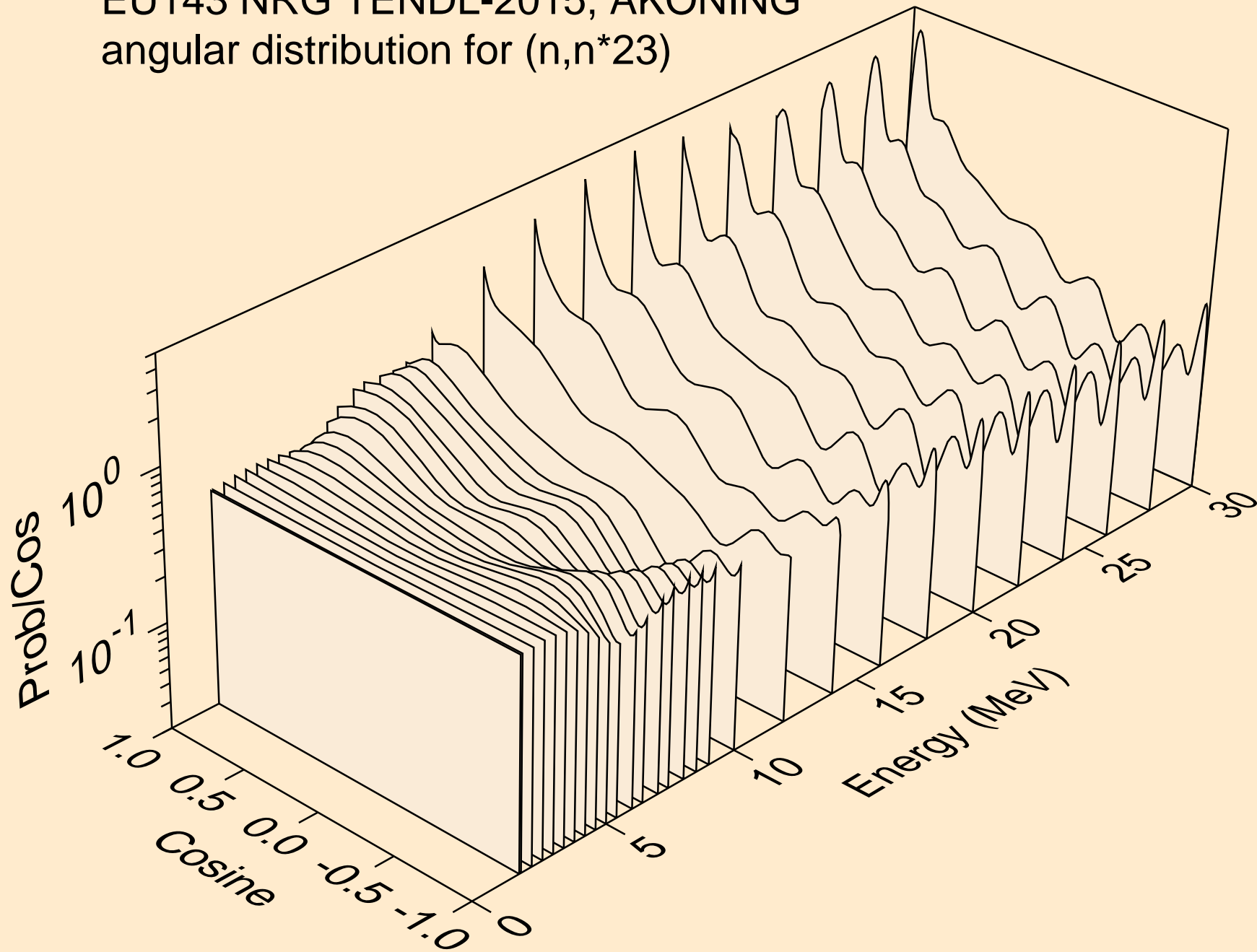
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

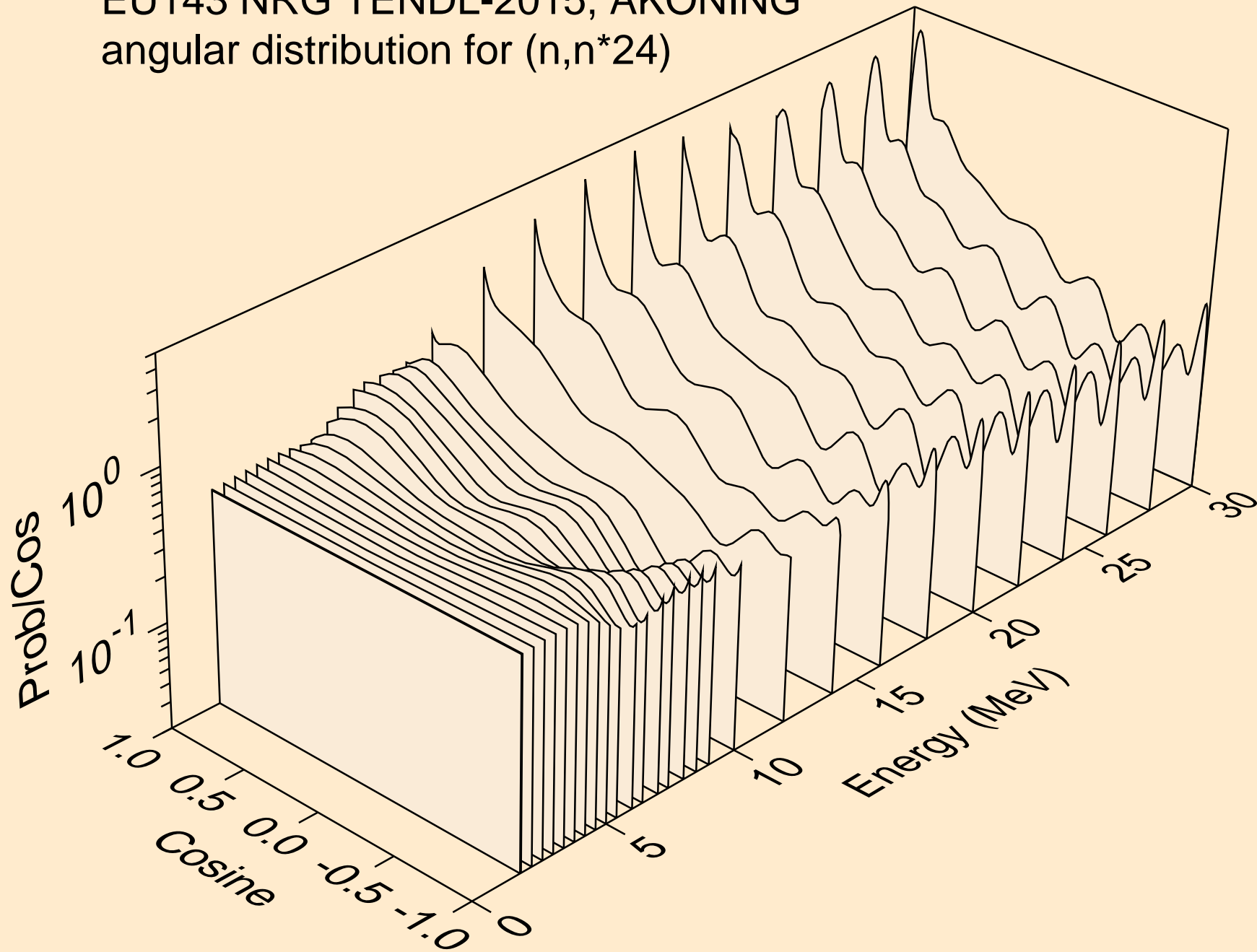


EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

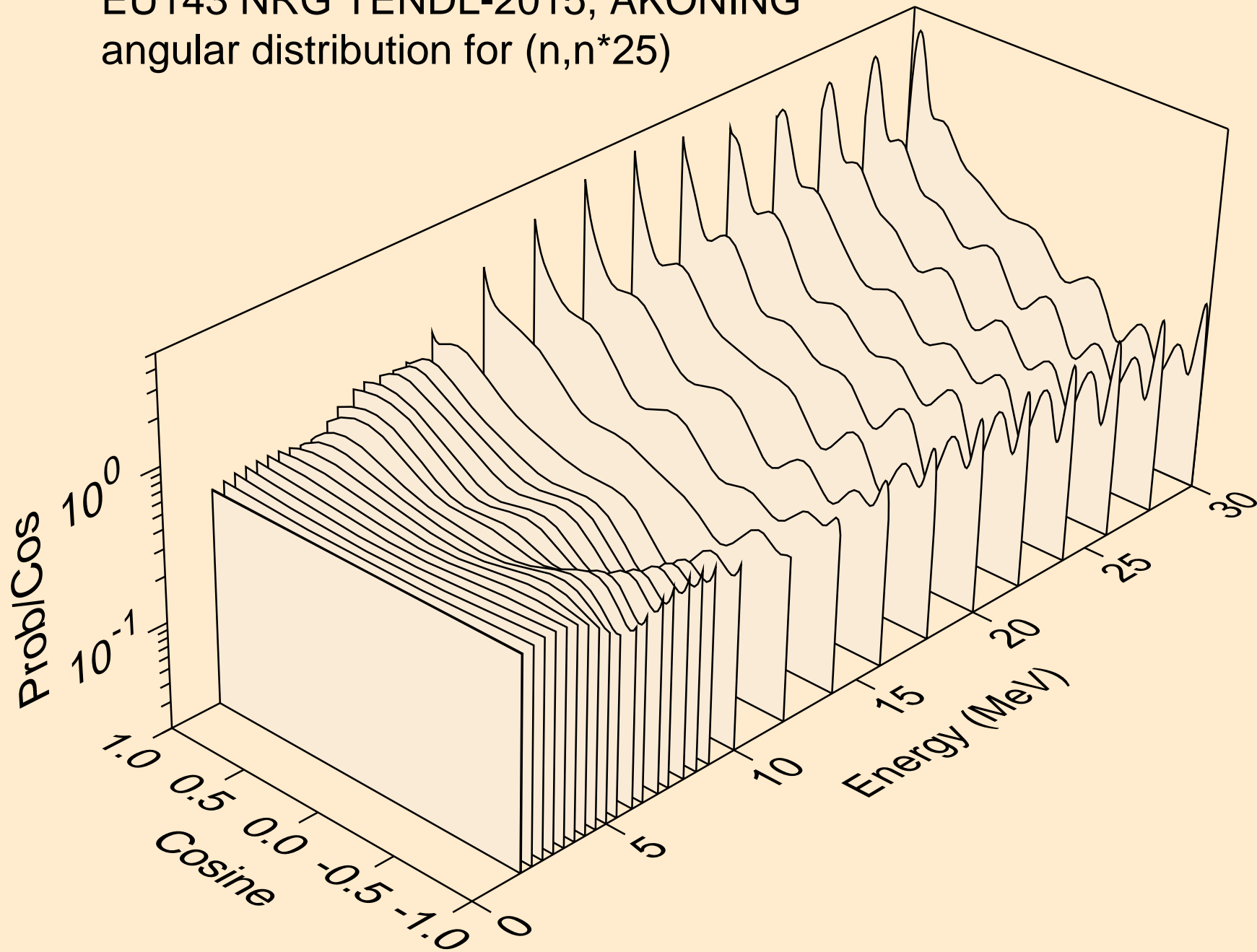




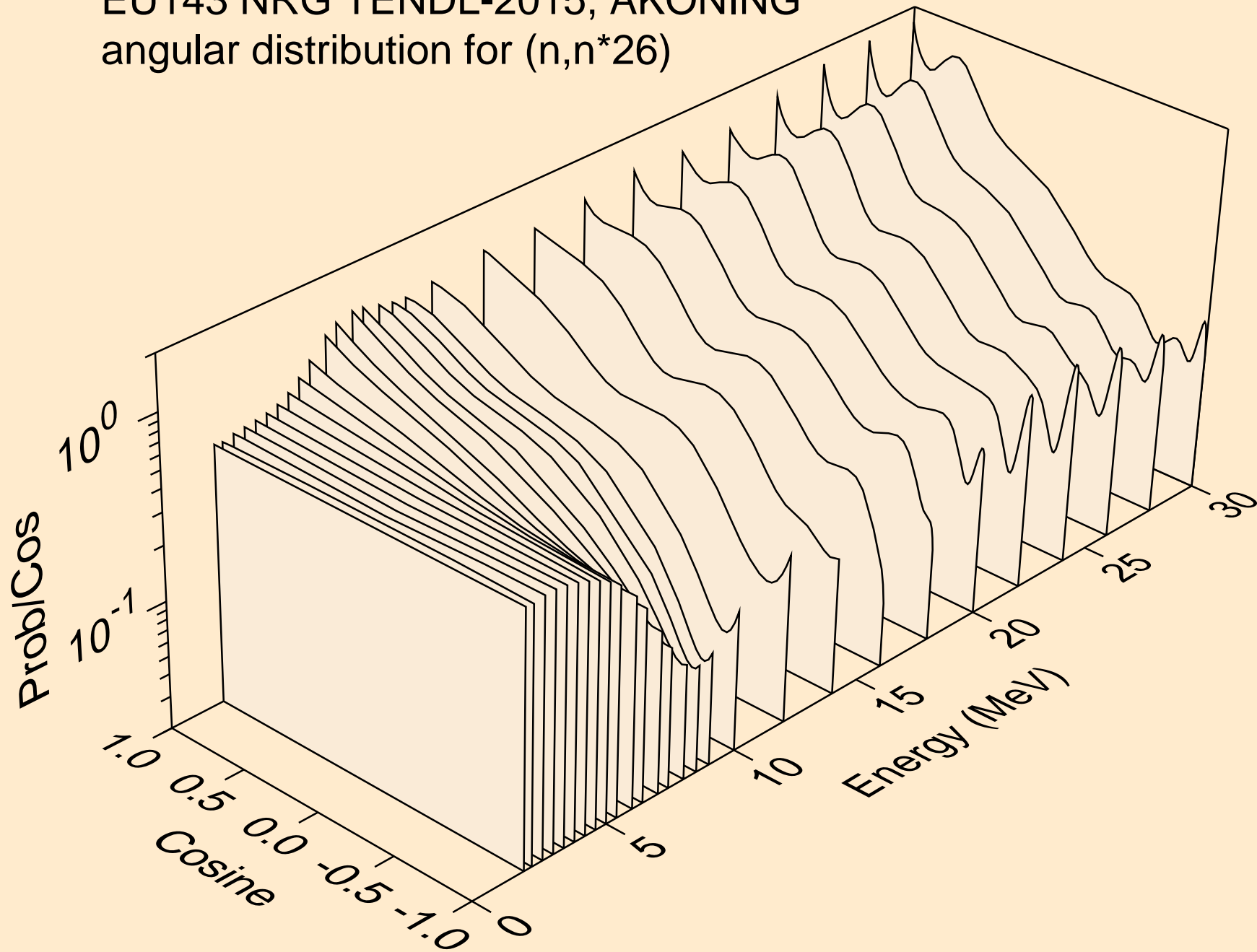
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angular distribution for (n,n\*24)



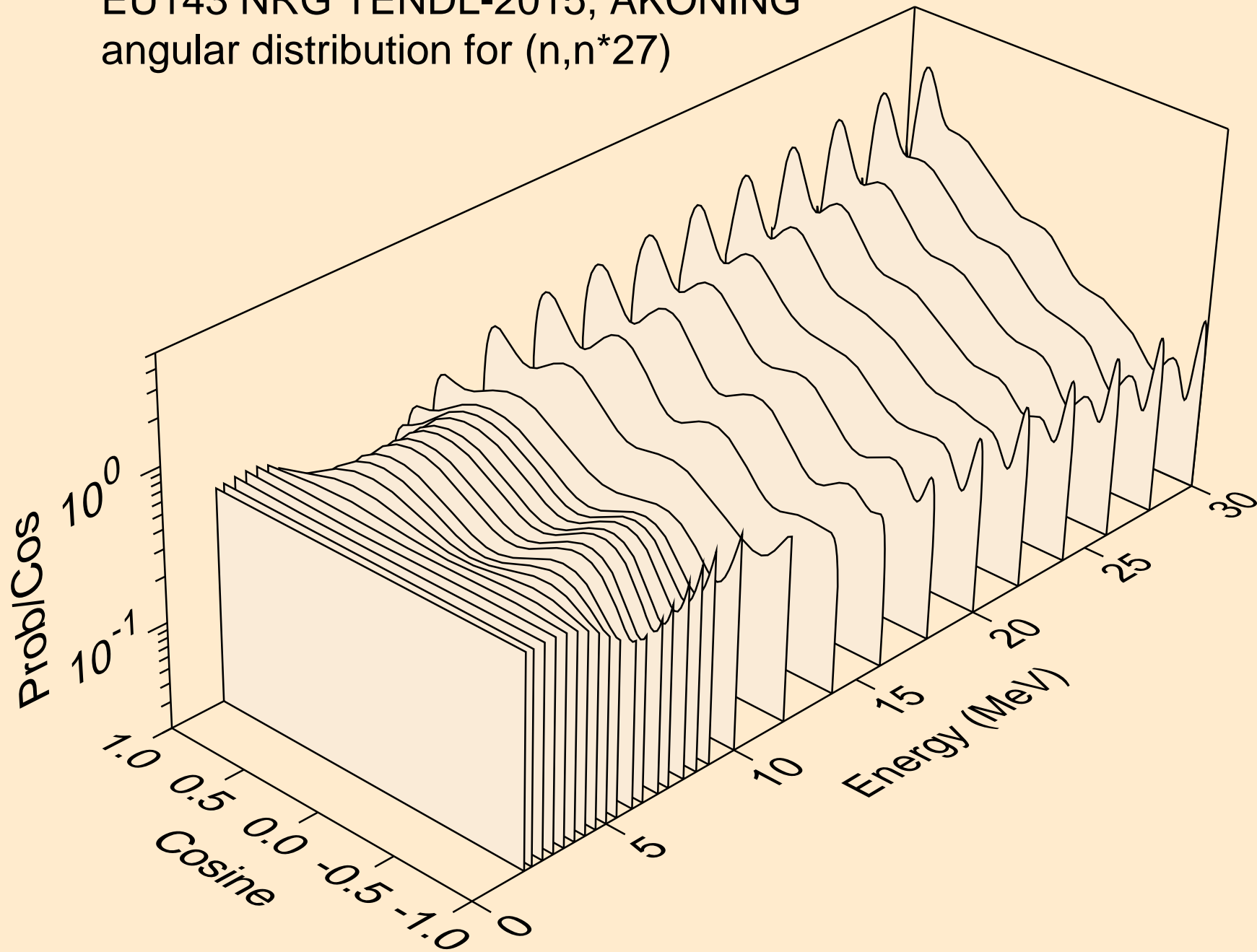
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angular distribution for (n,n\*25)



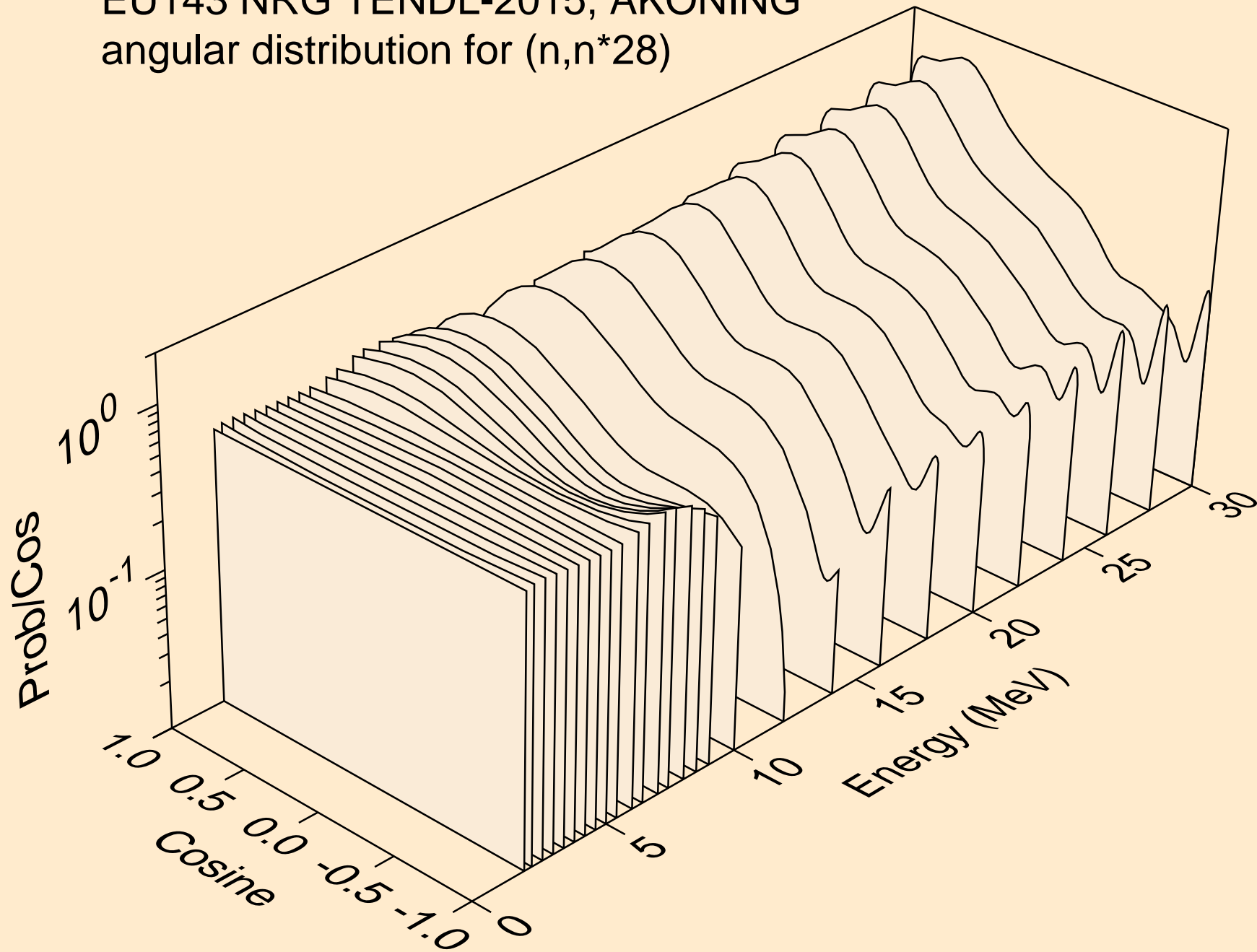
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angular distribution for (n,n\*26)



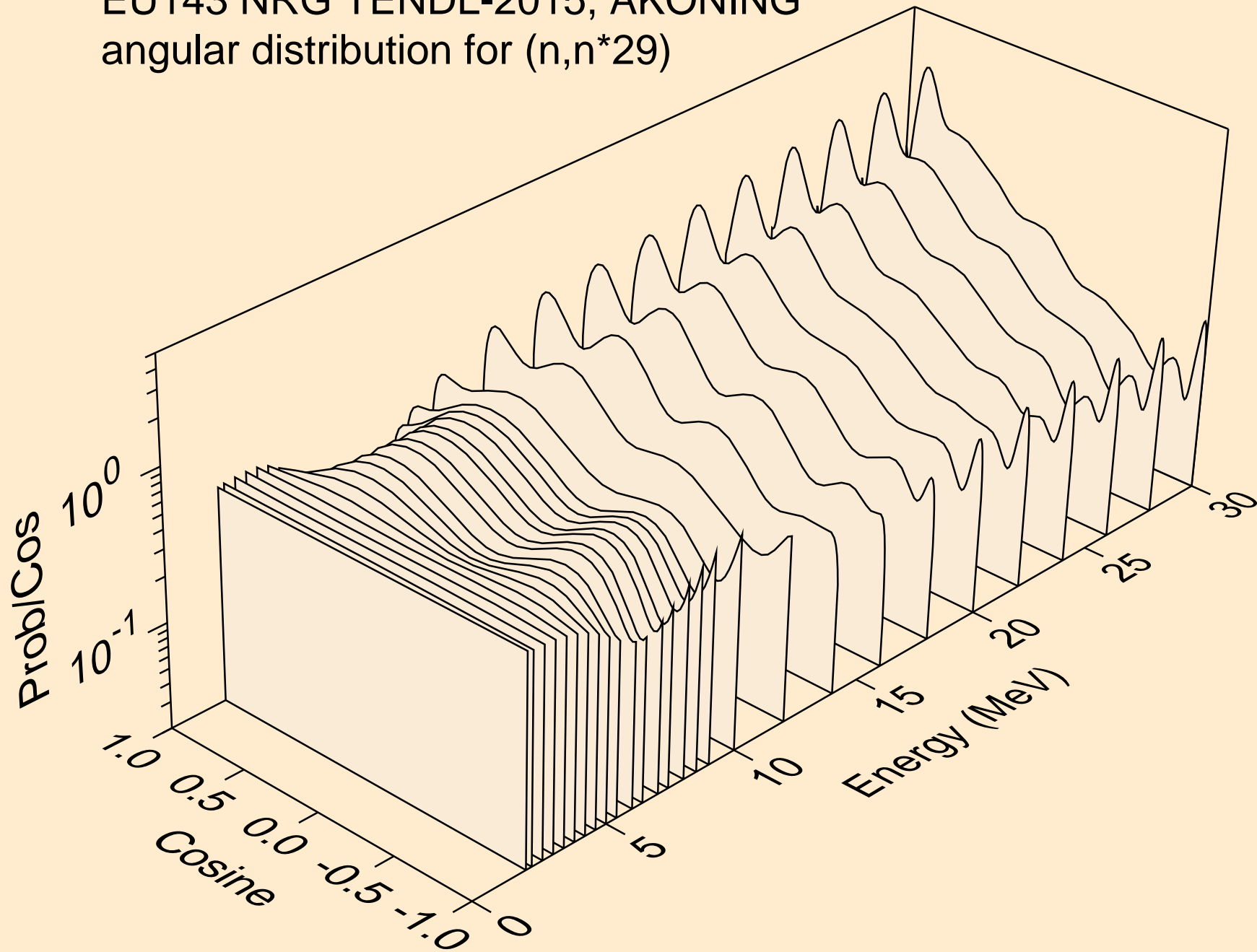
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angular distribution for (n,n\*27)



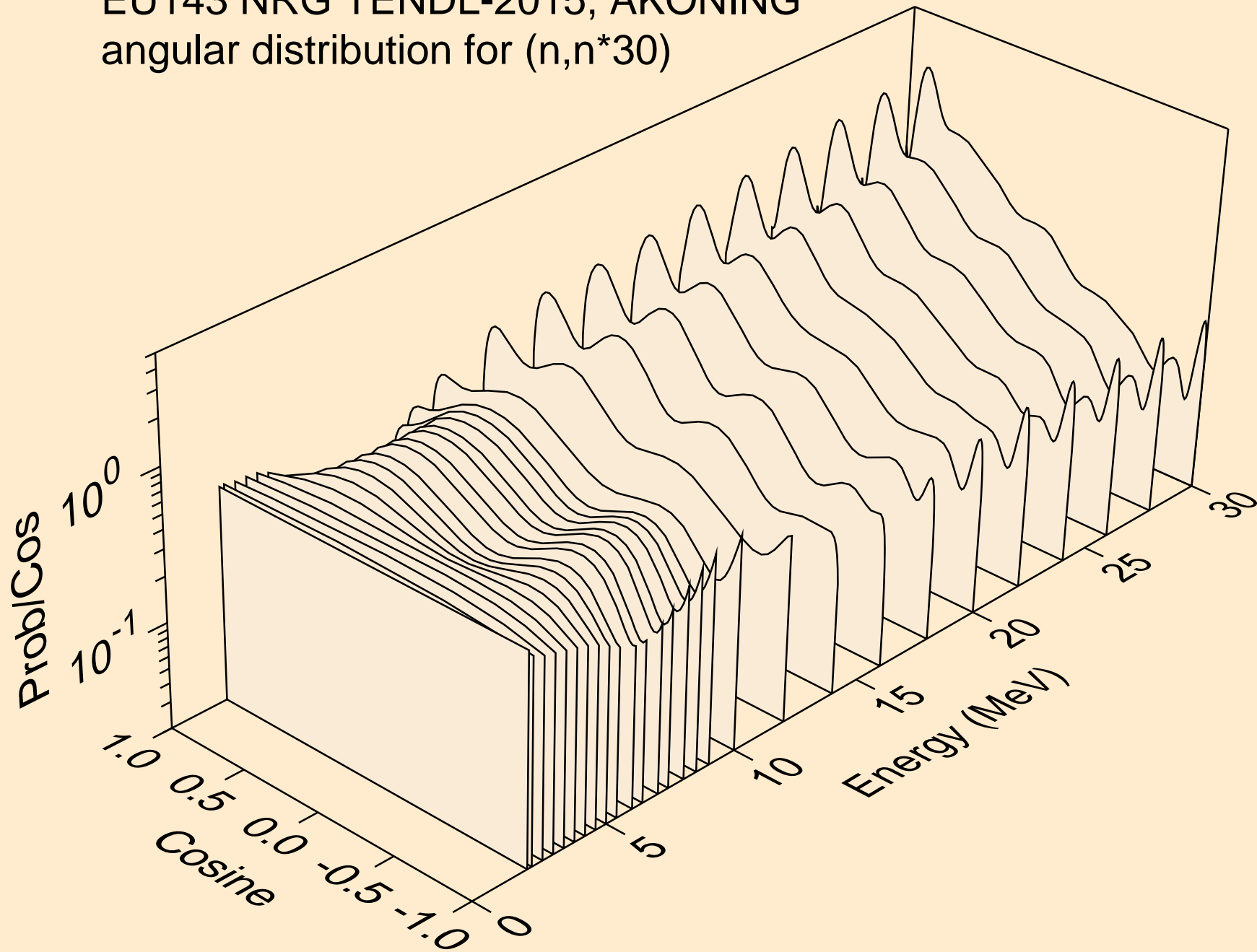
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angular distribution for (n,n\*28)



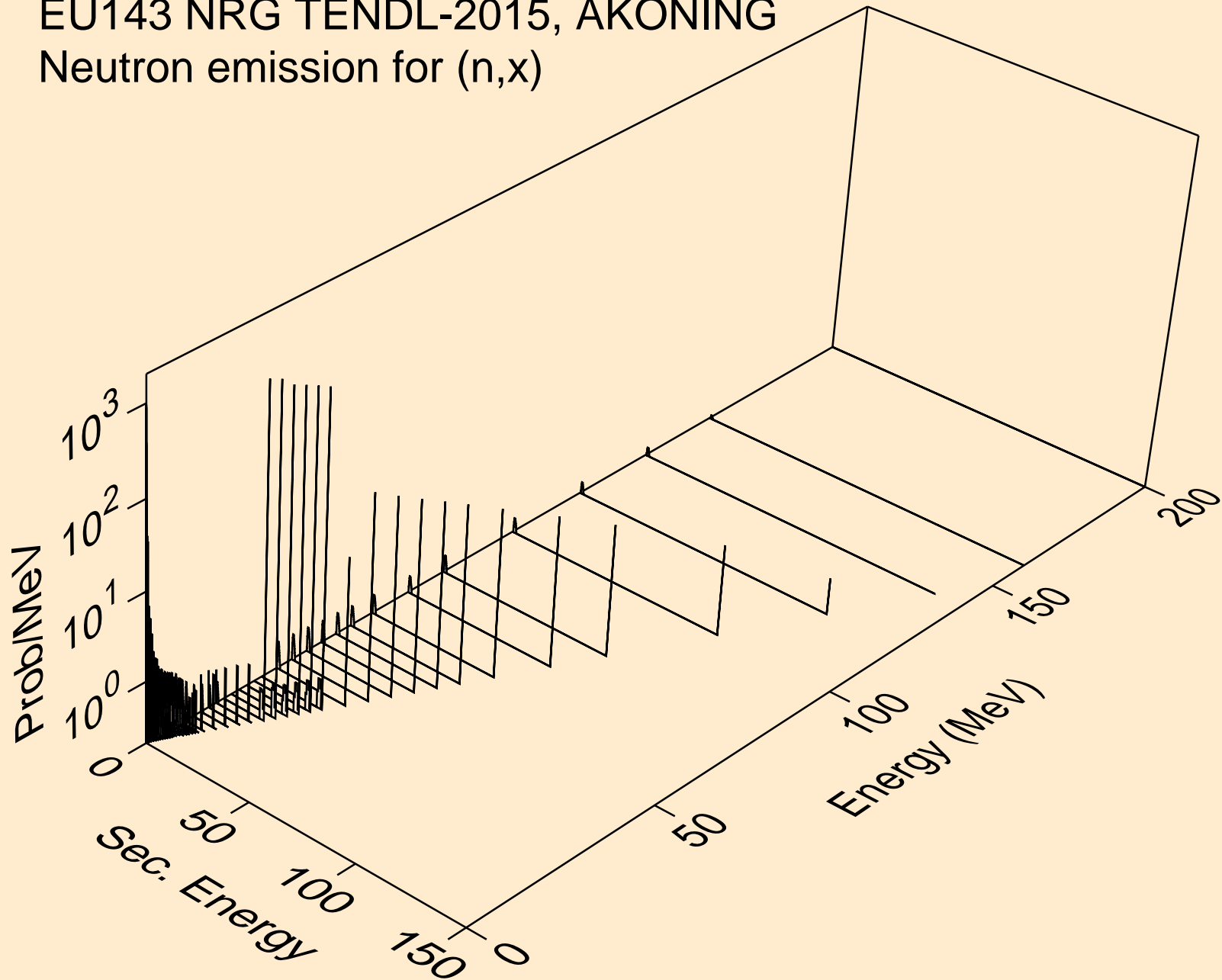
EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



EU143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

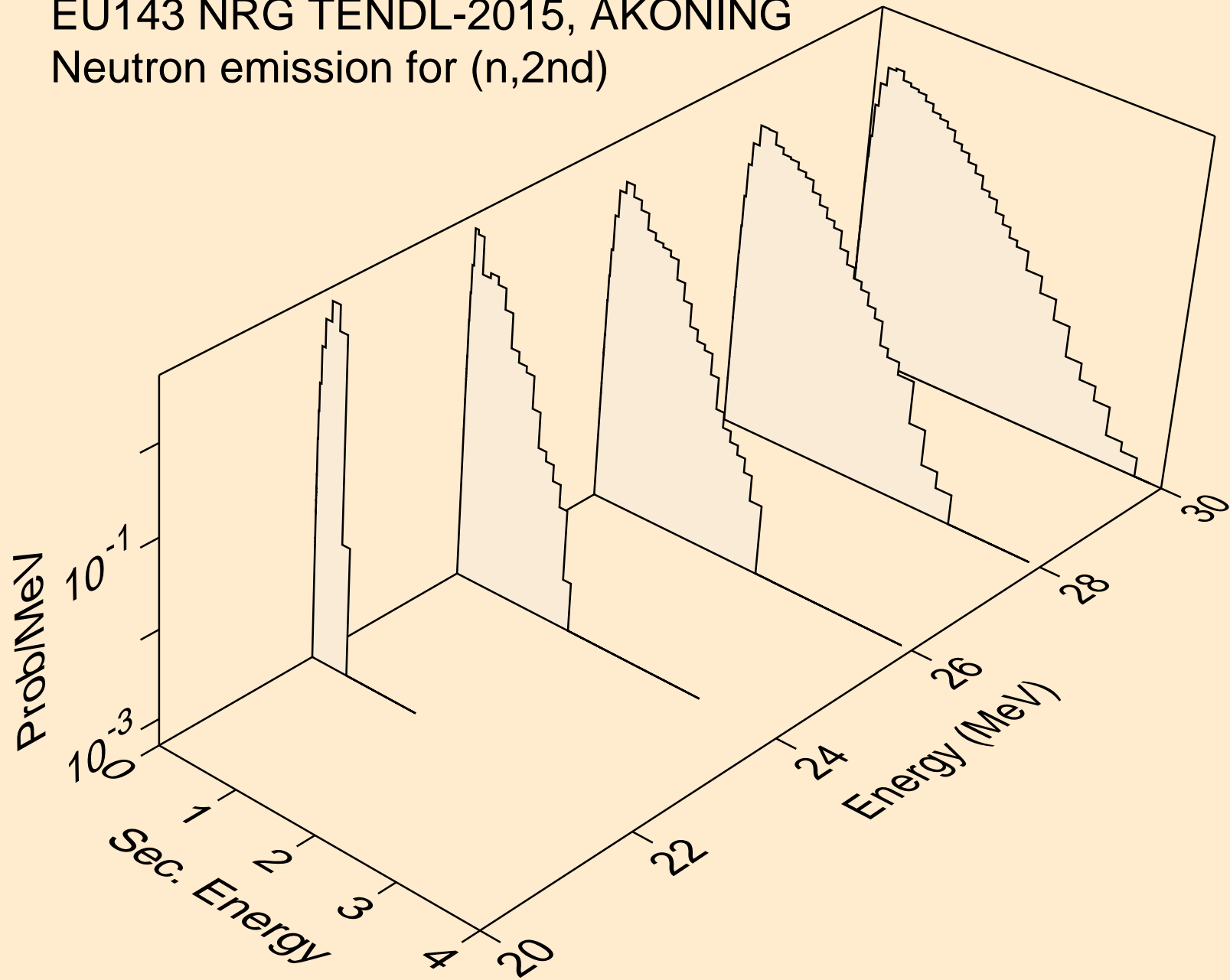


EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

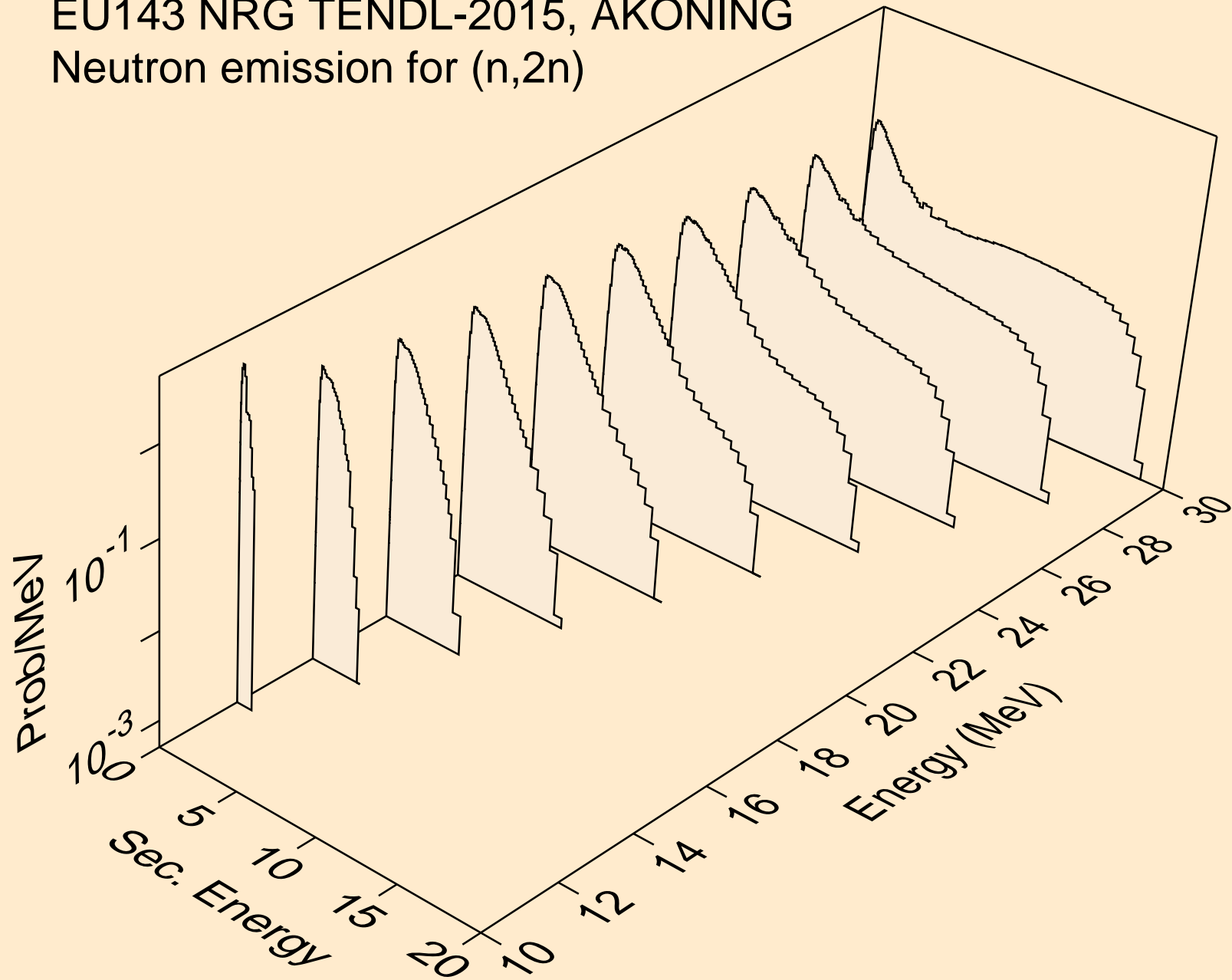




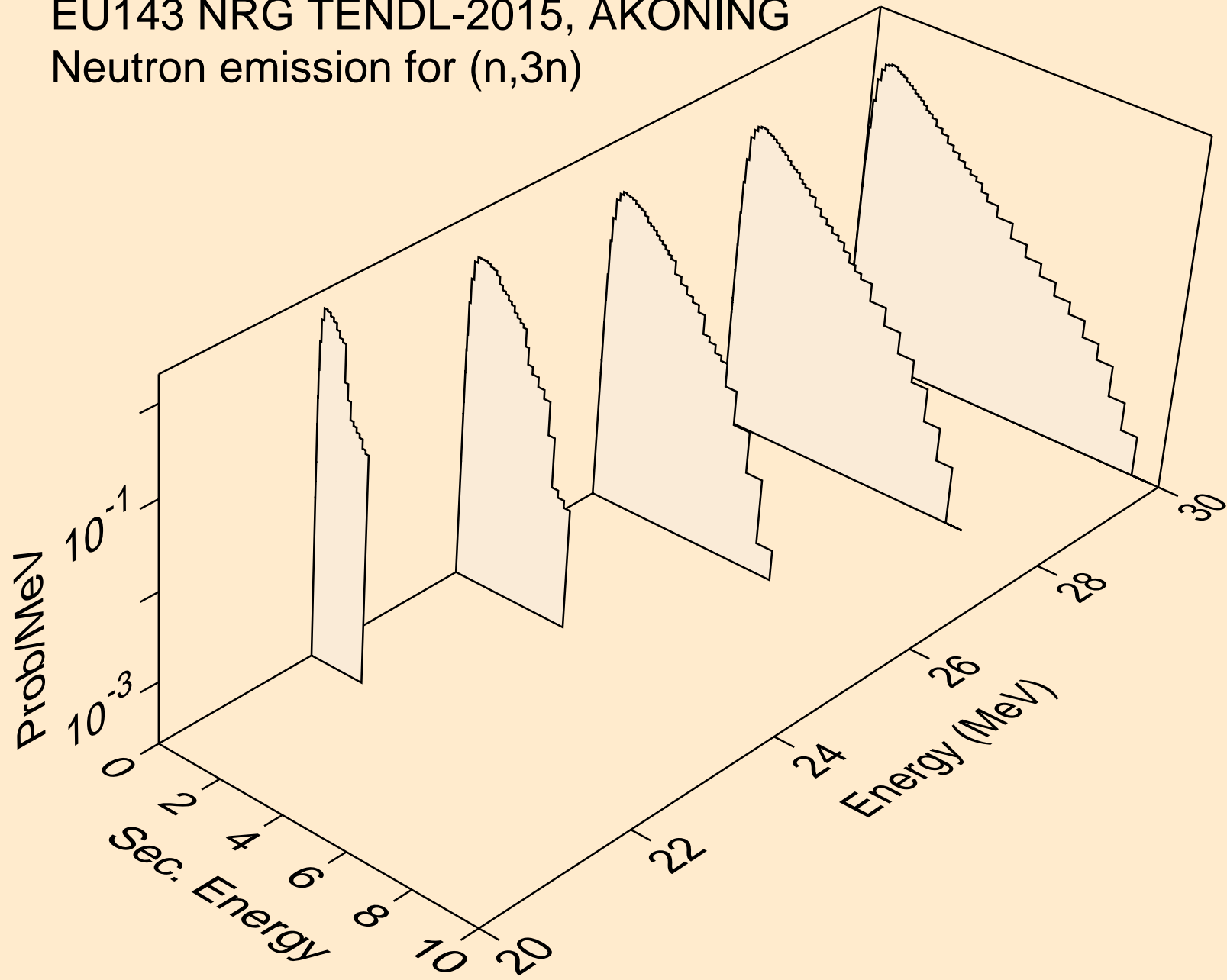
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



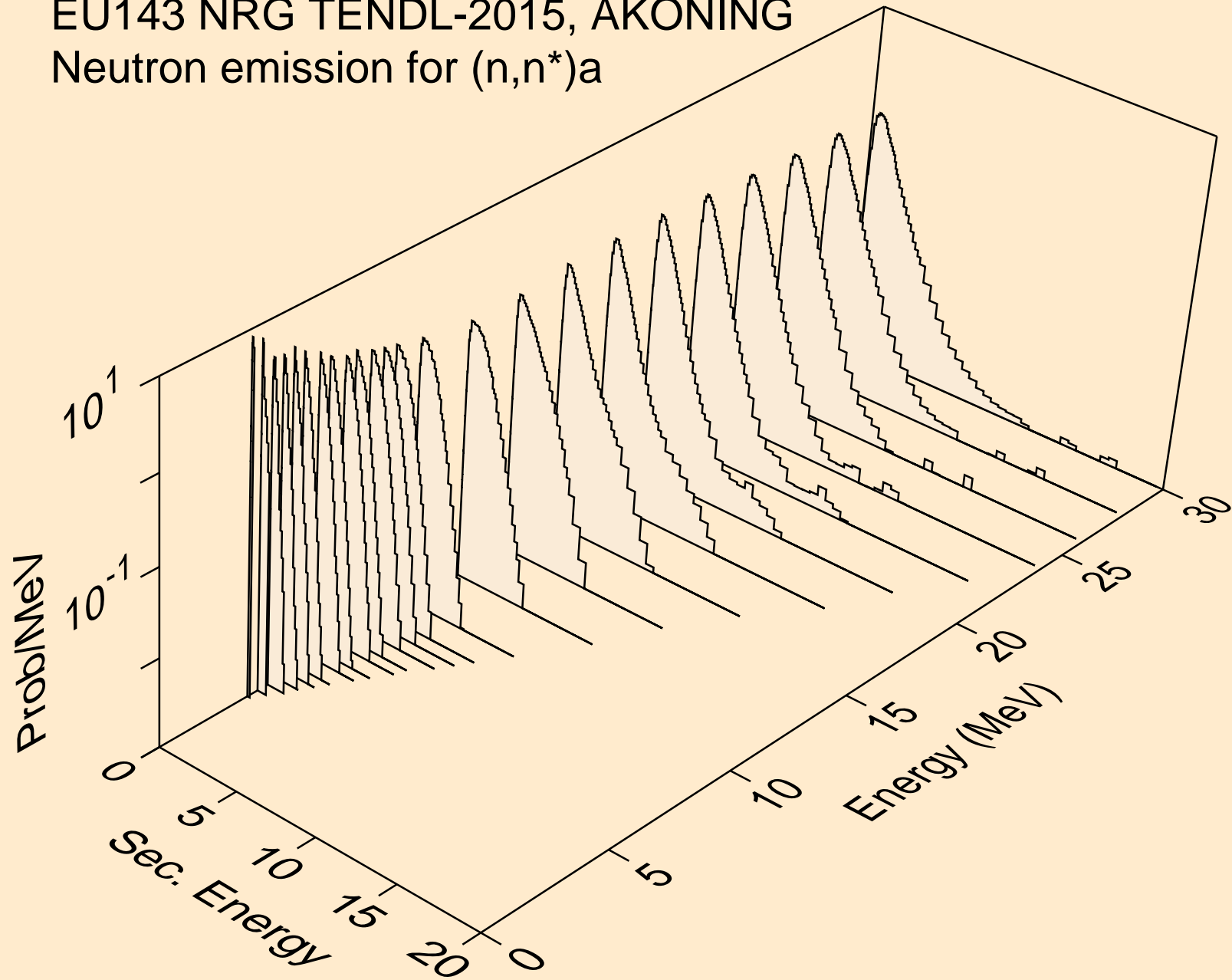
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



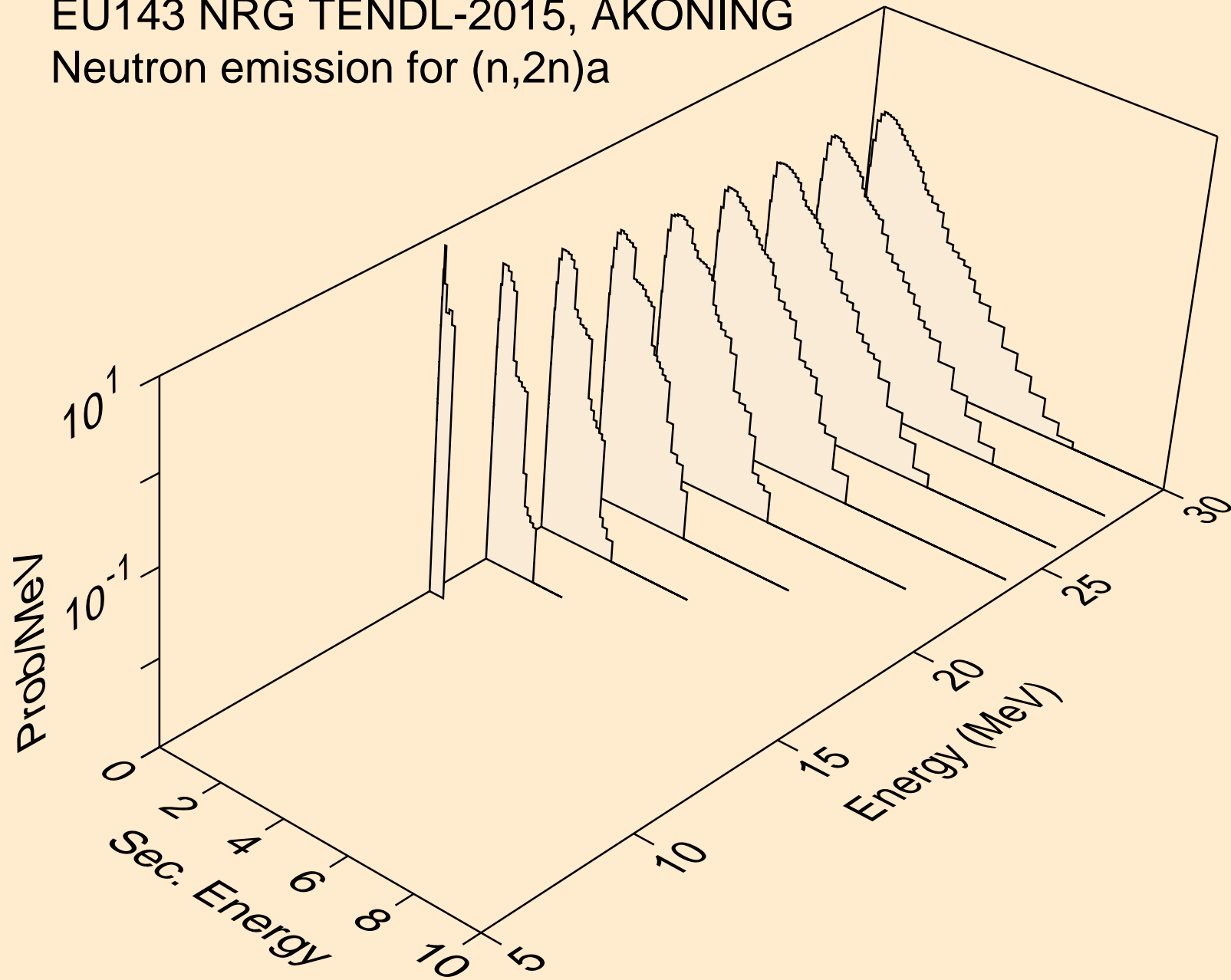
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



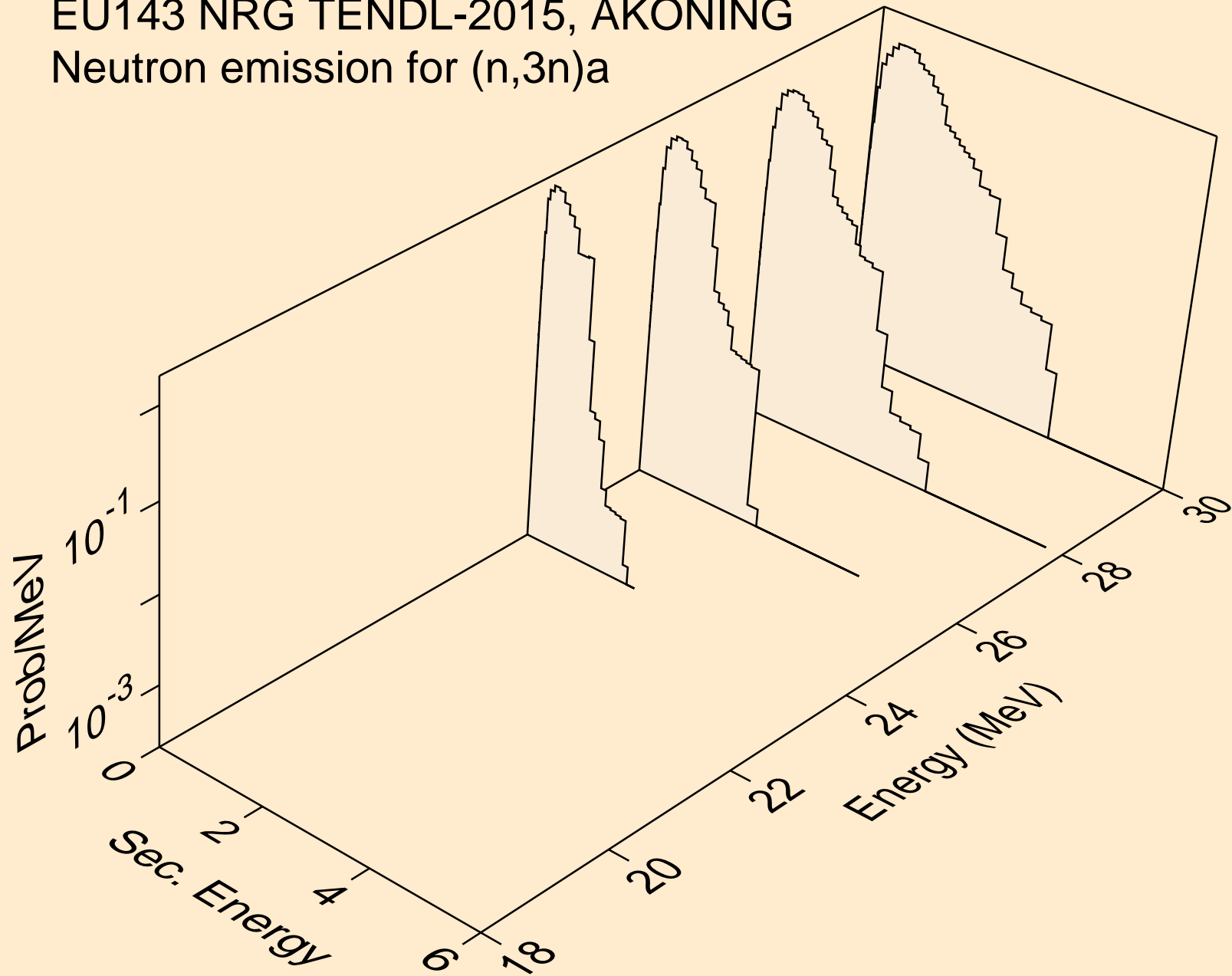
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



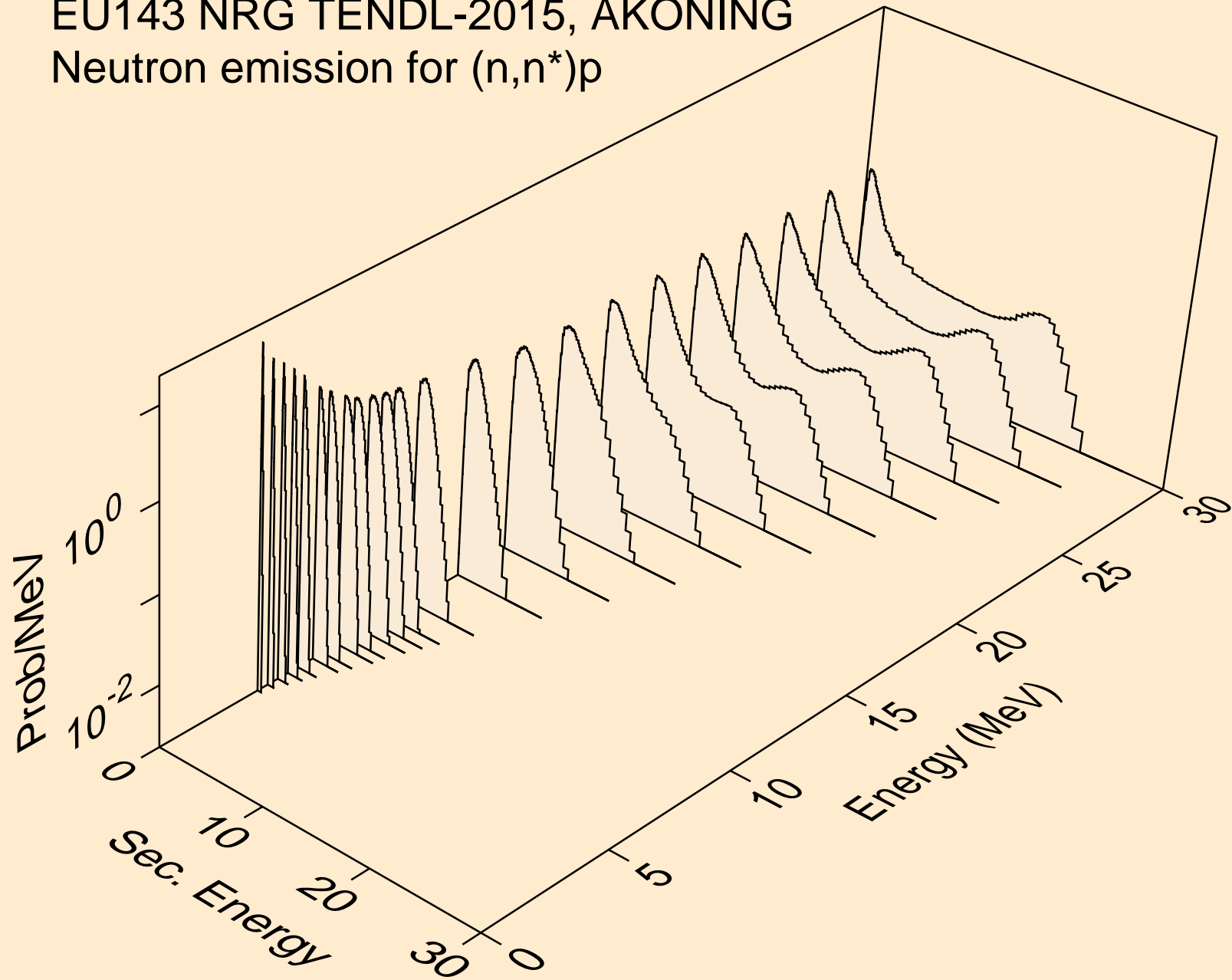
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



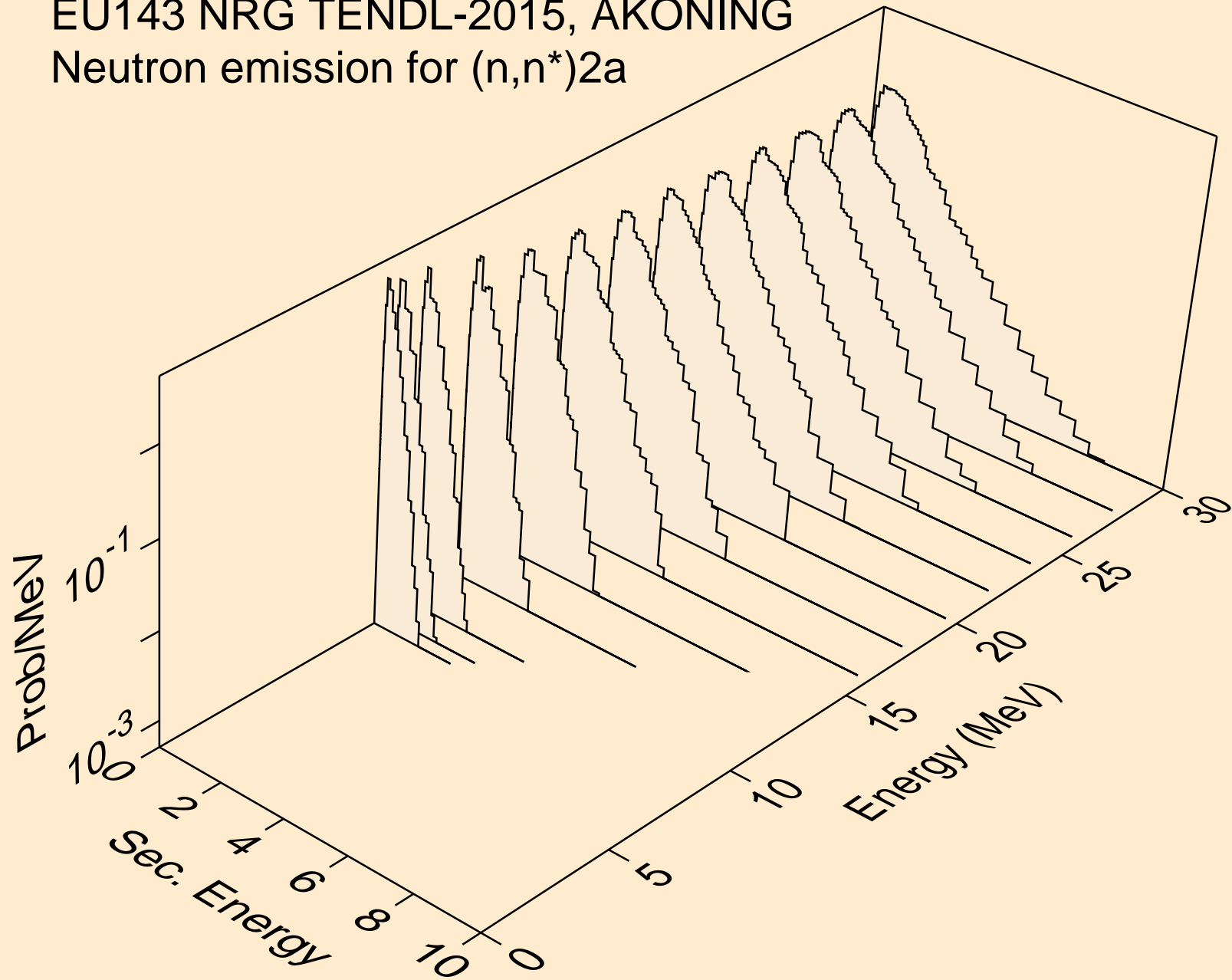
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

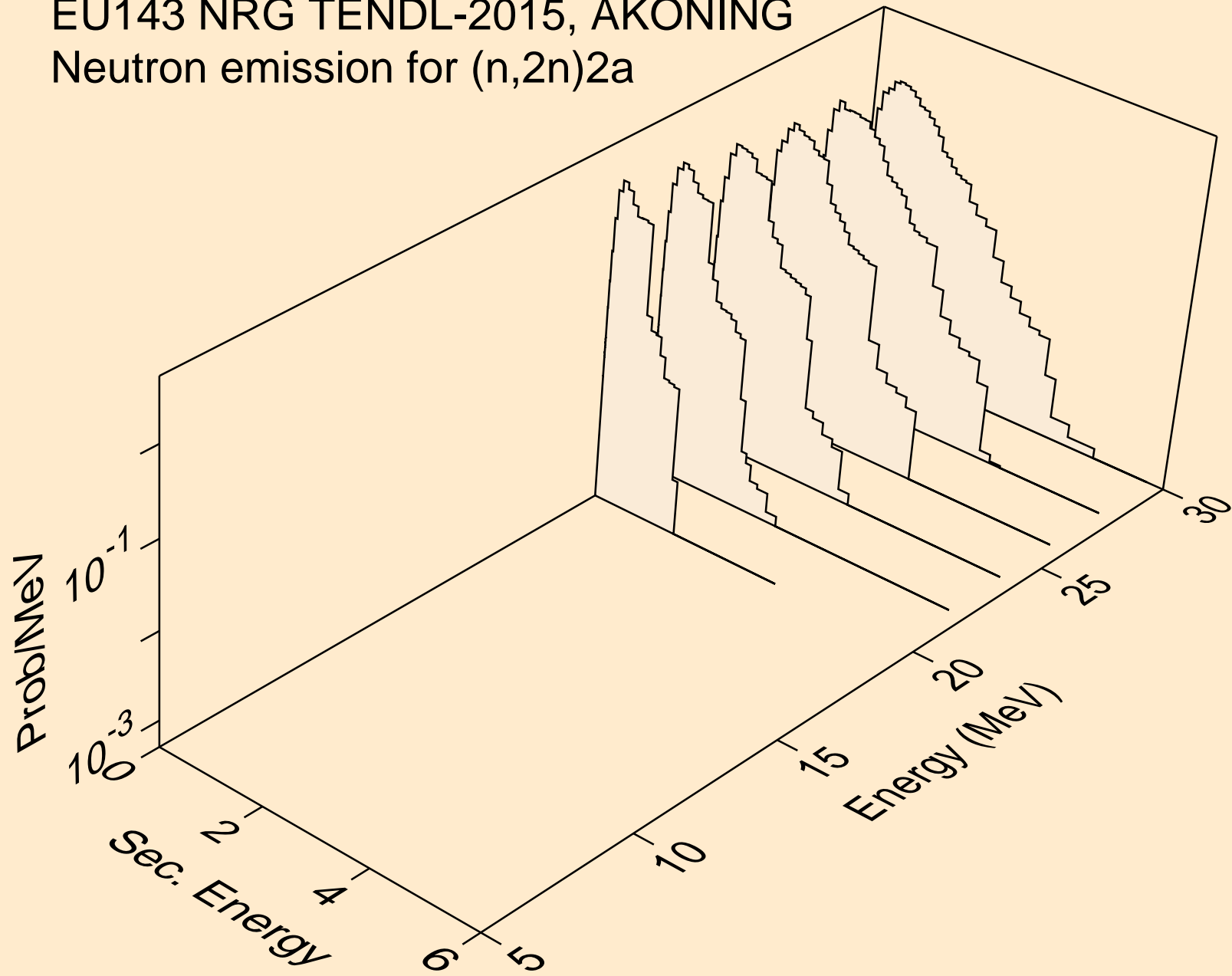


EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

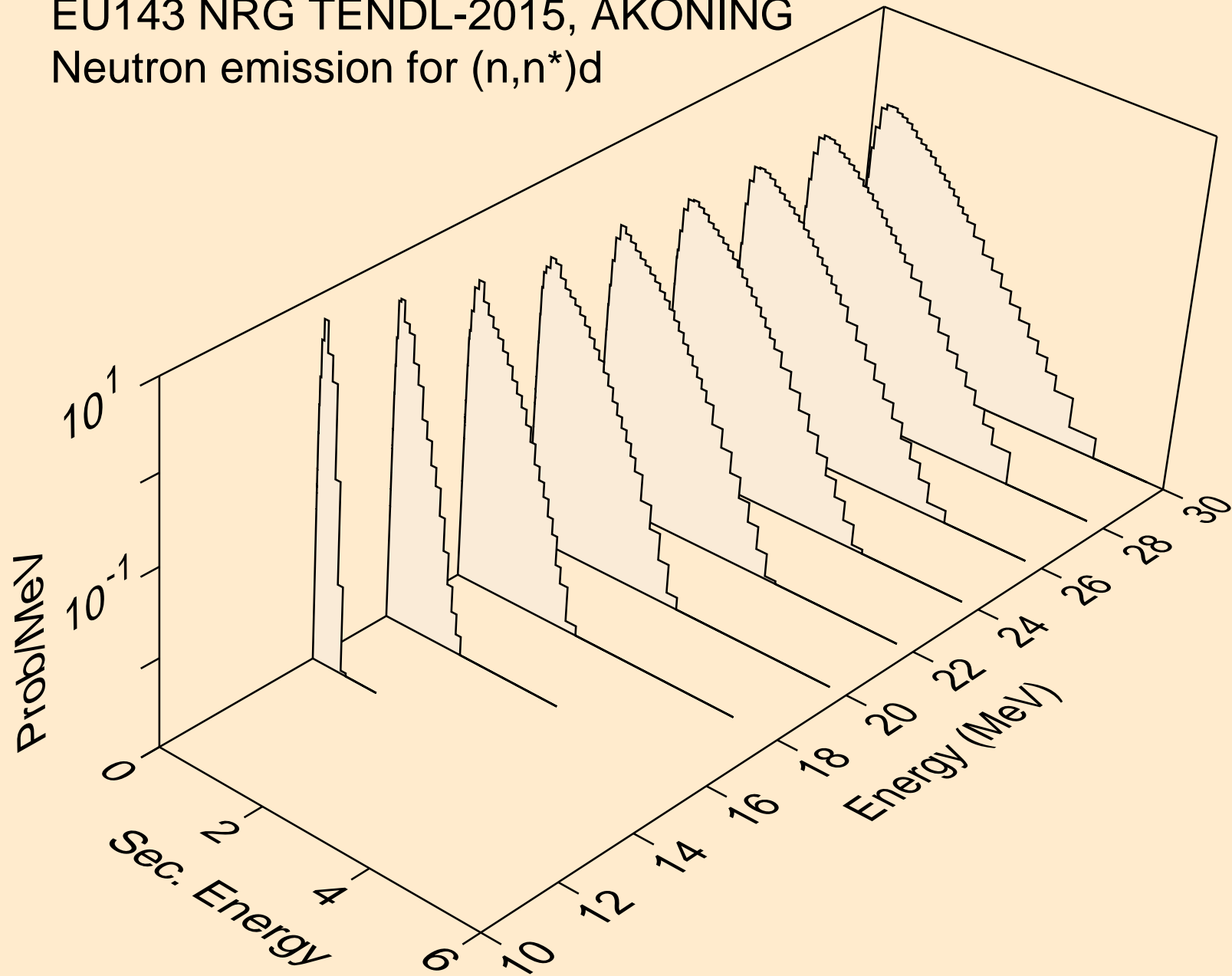




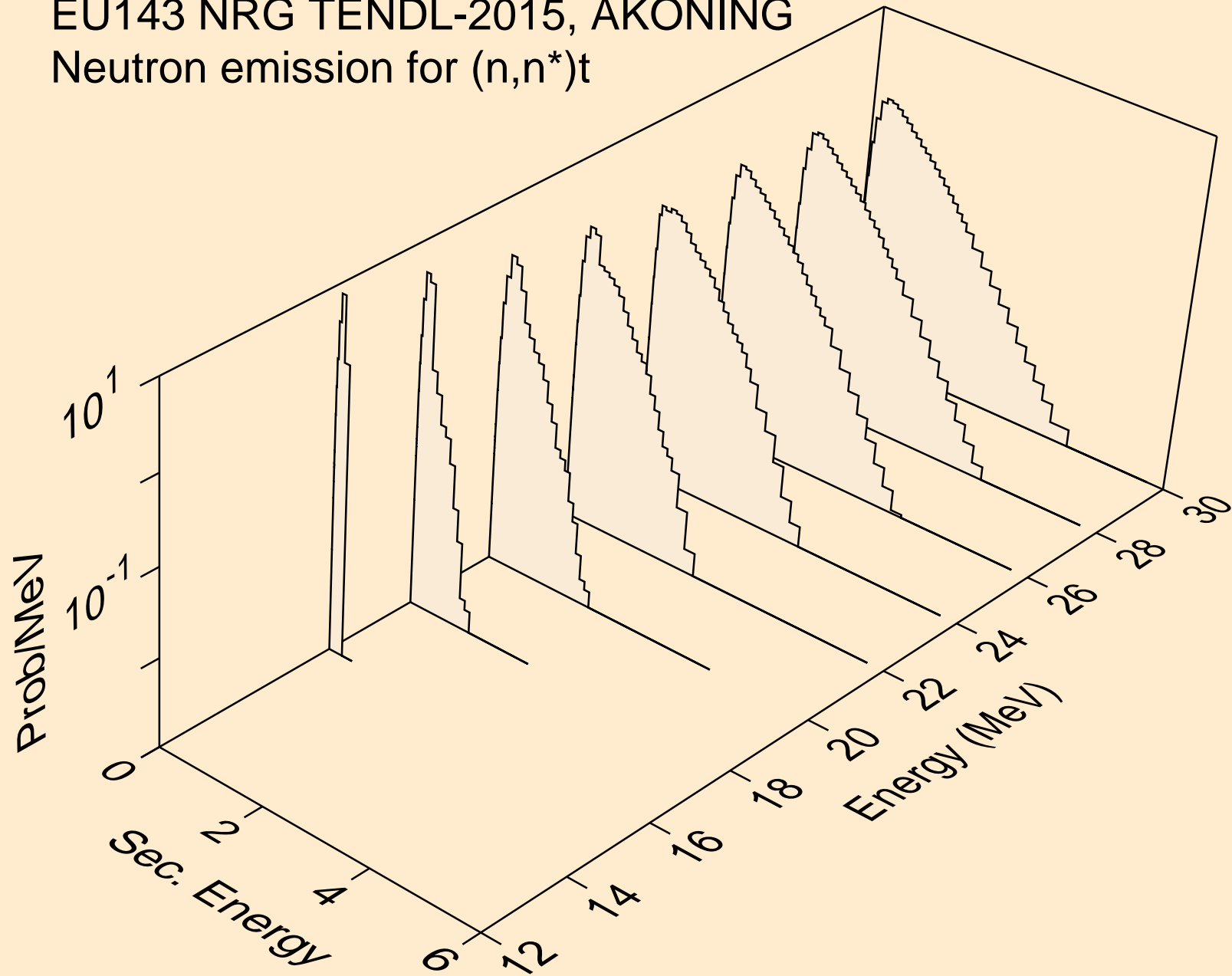
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>2a</sub>



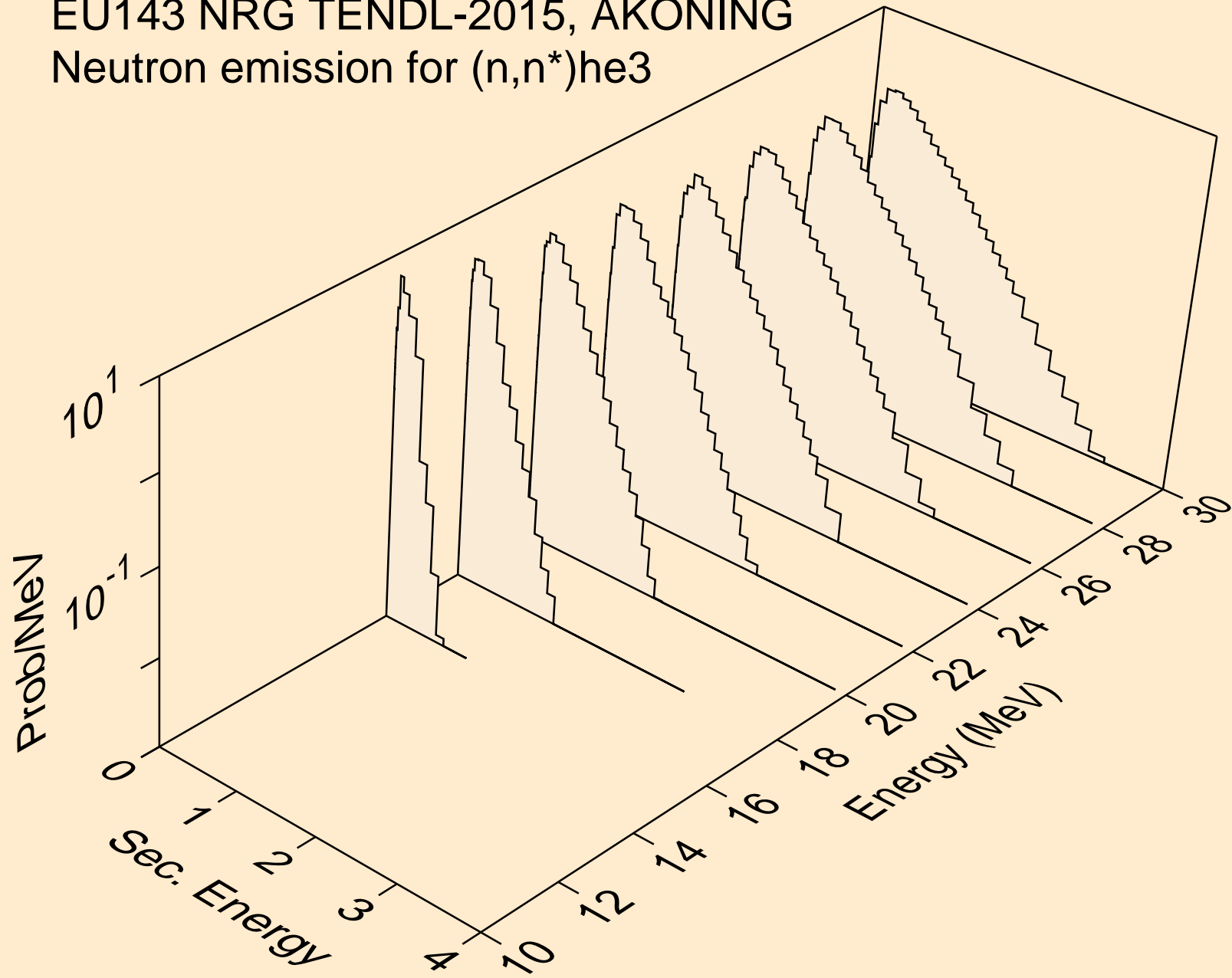
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



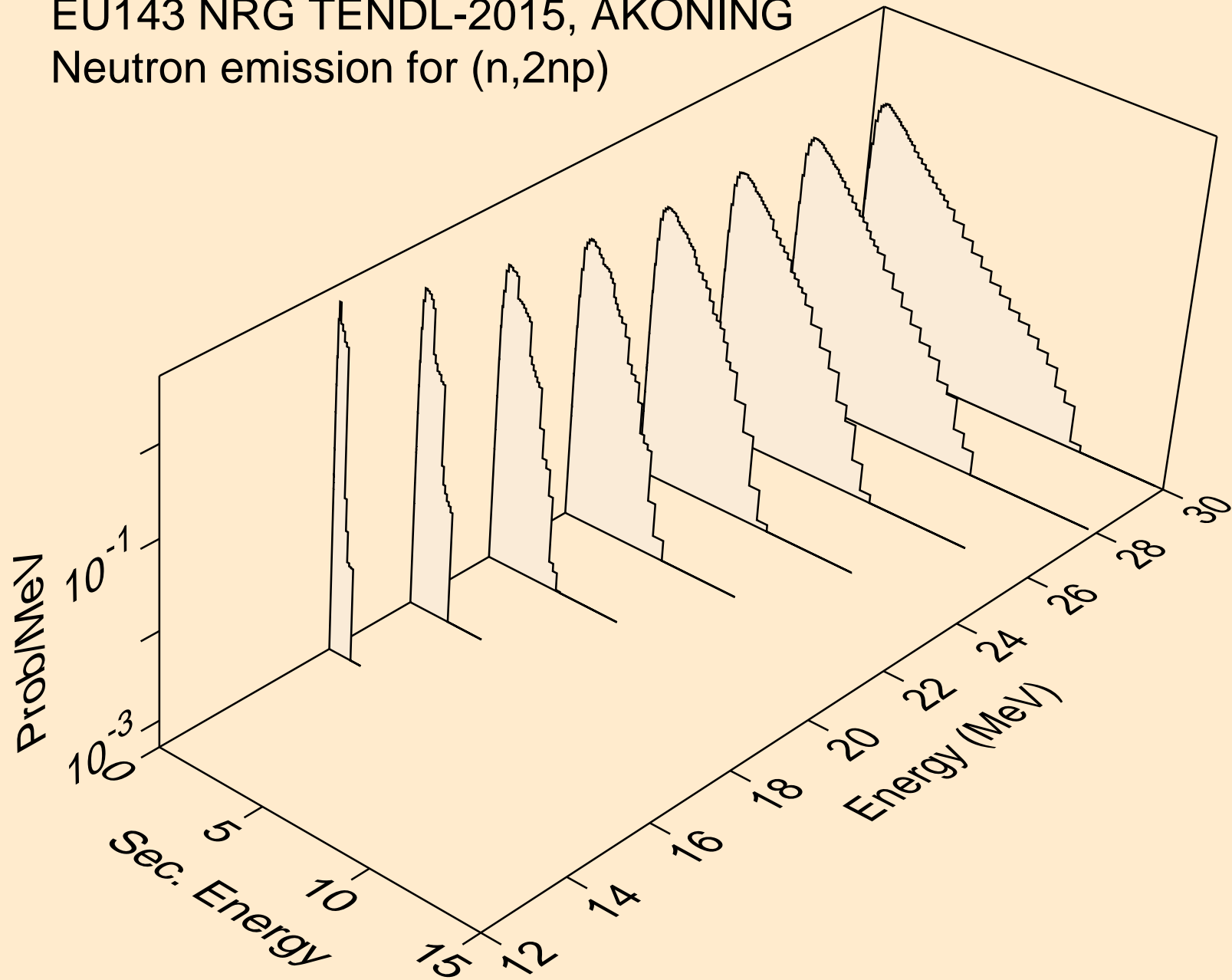
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



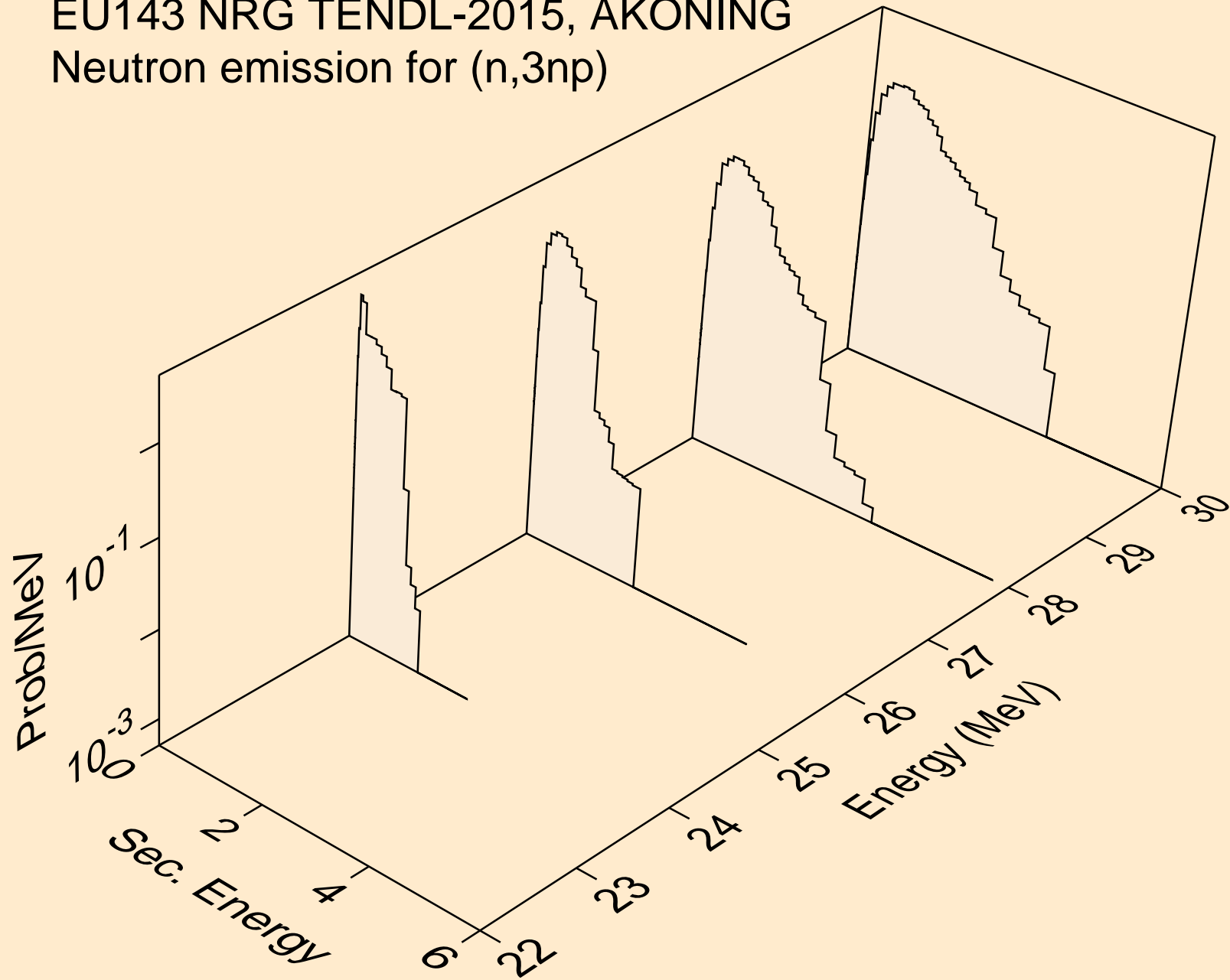
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



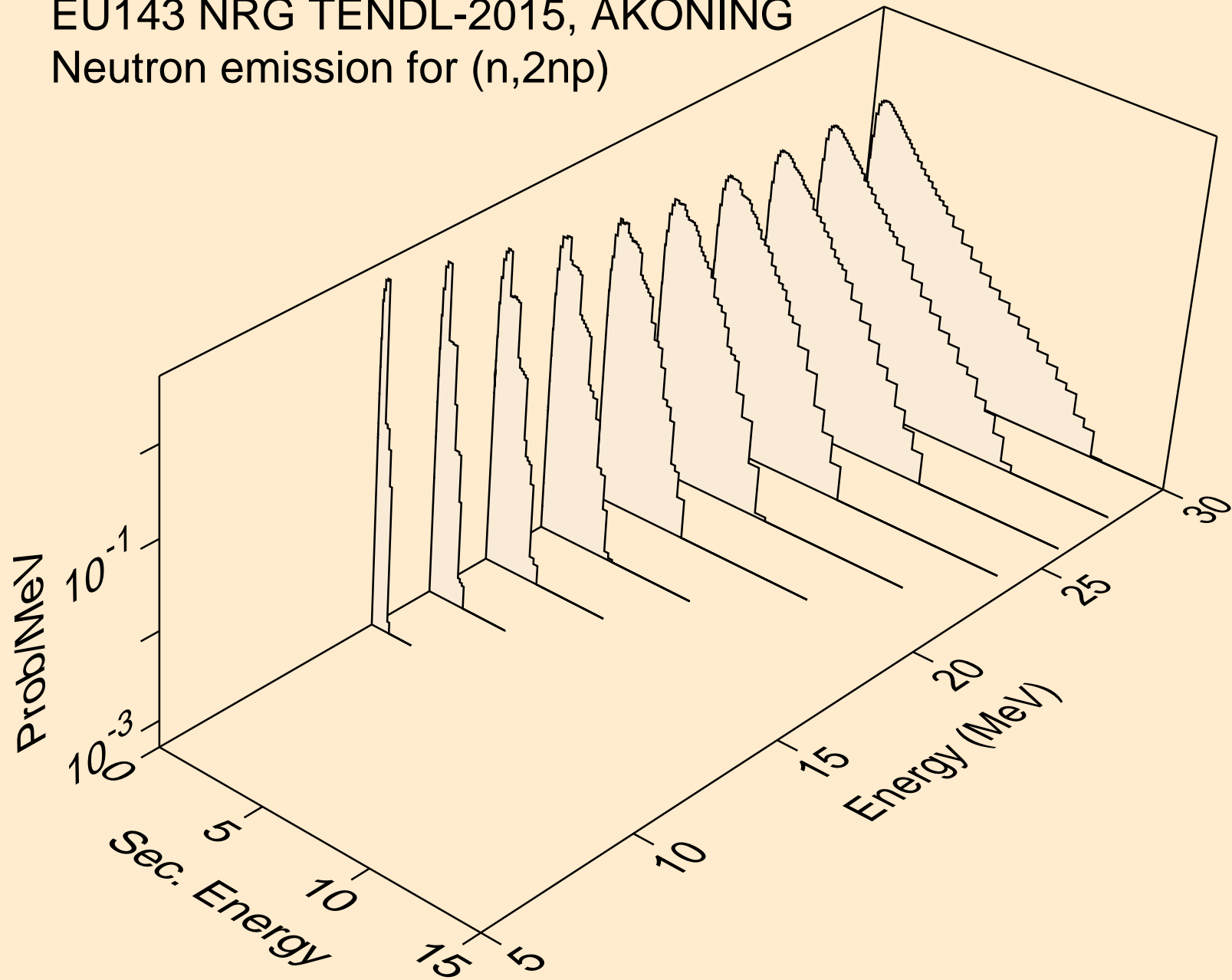
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



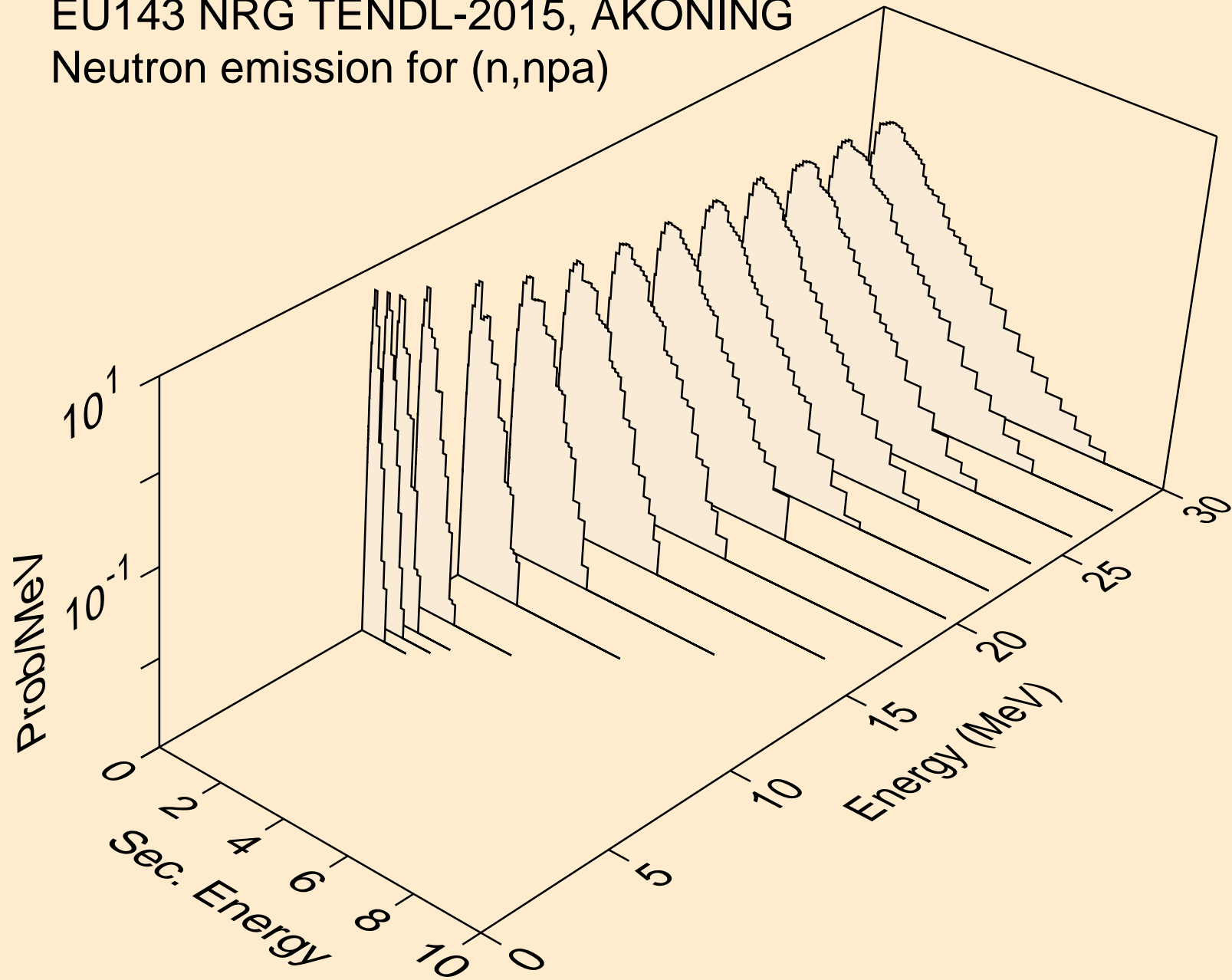
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

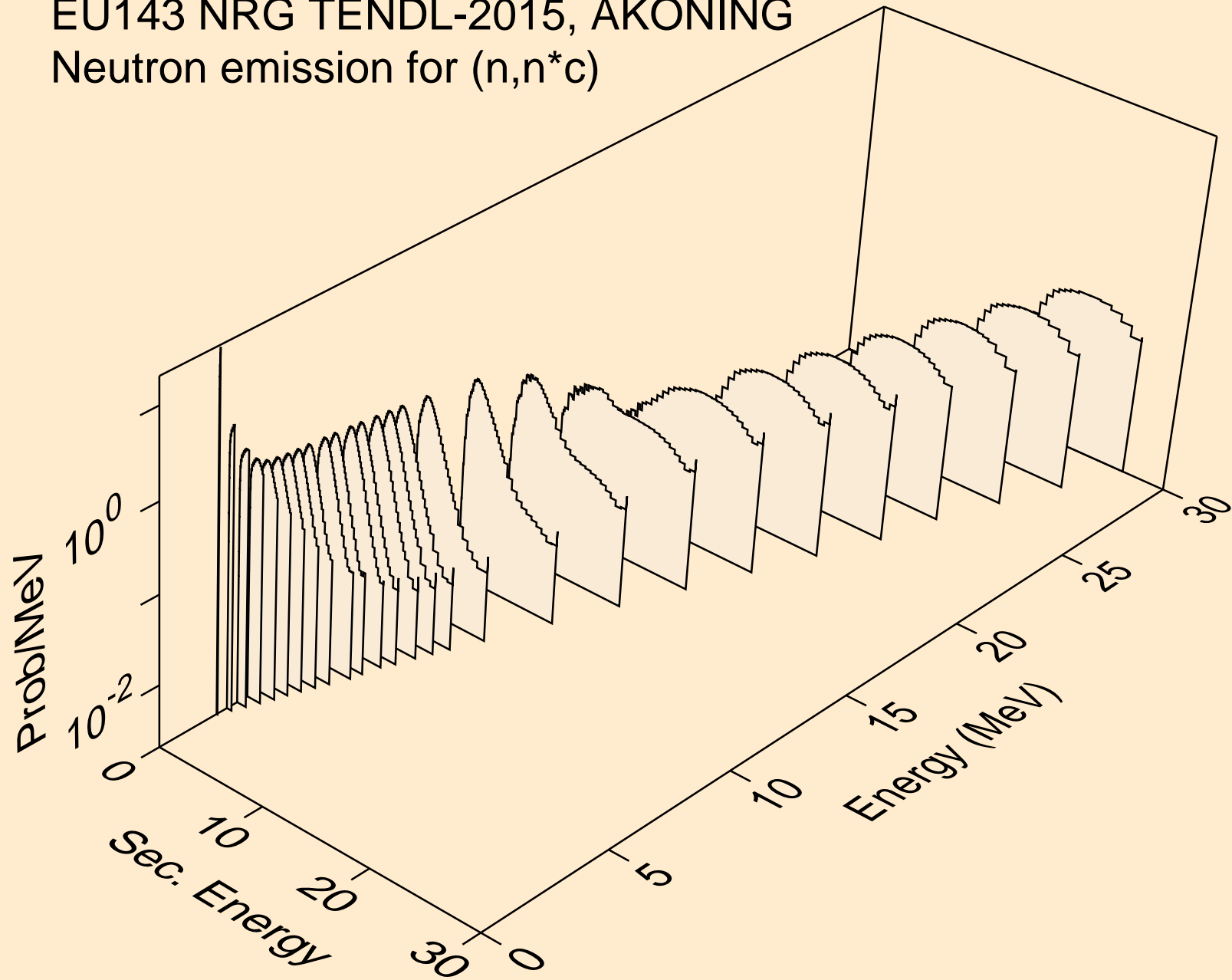


EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

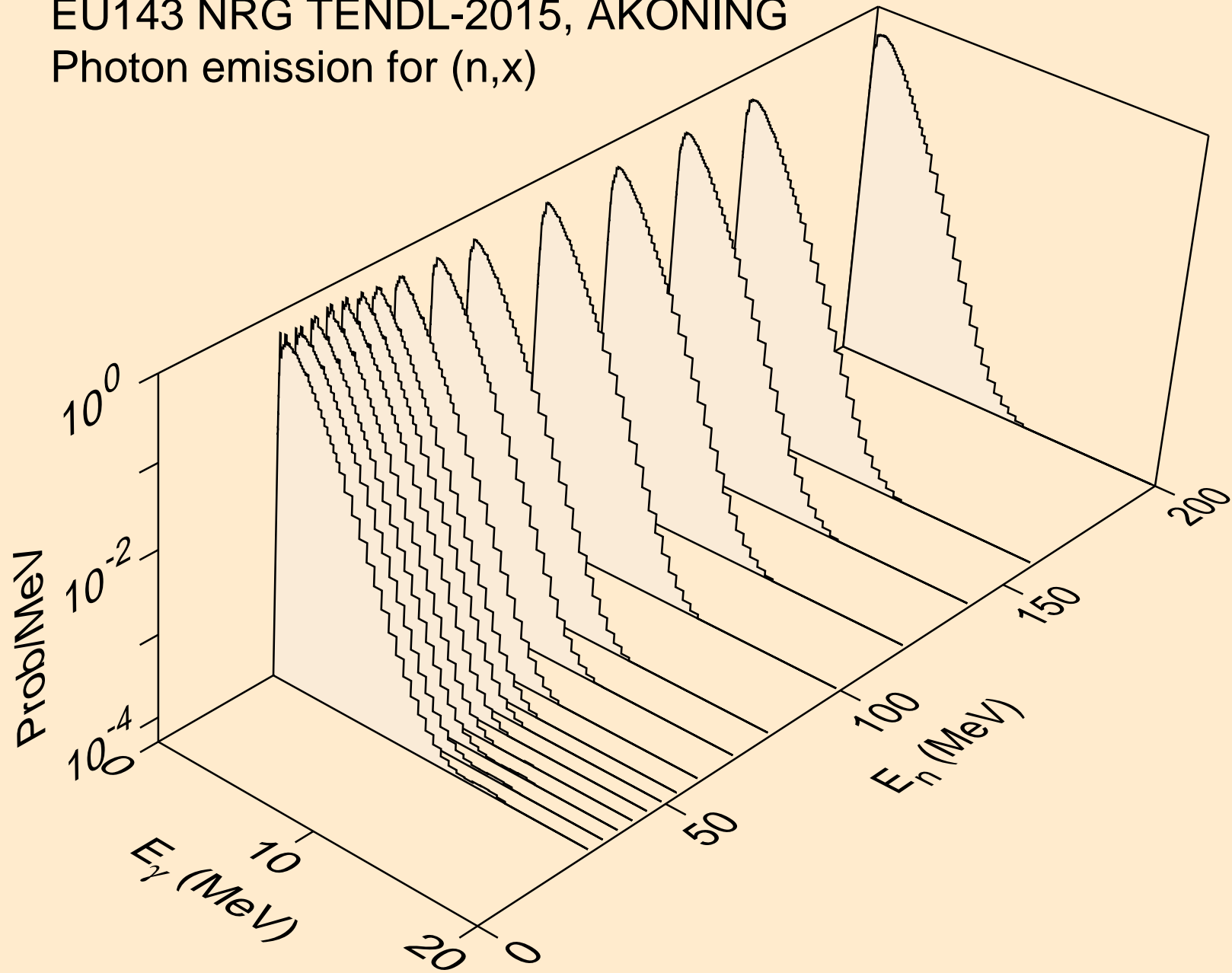




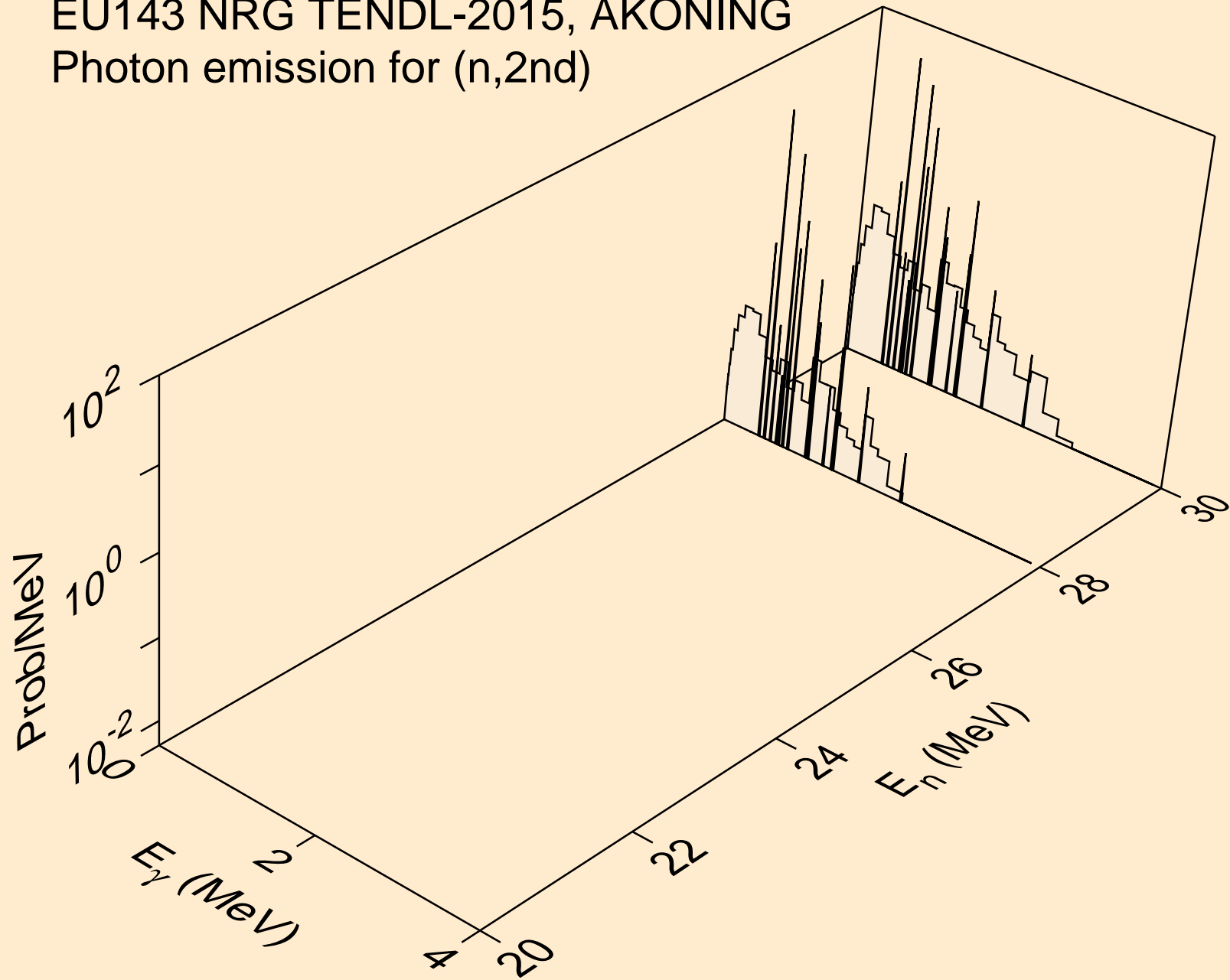
EU143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



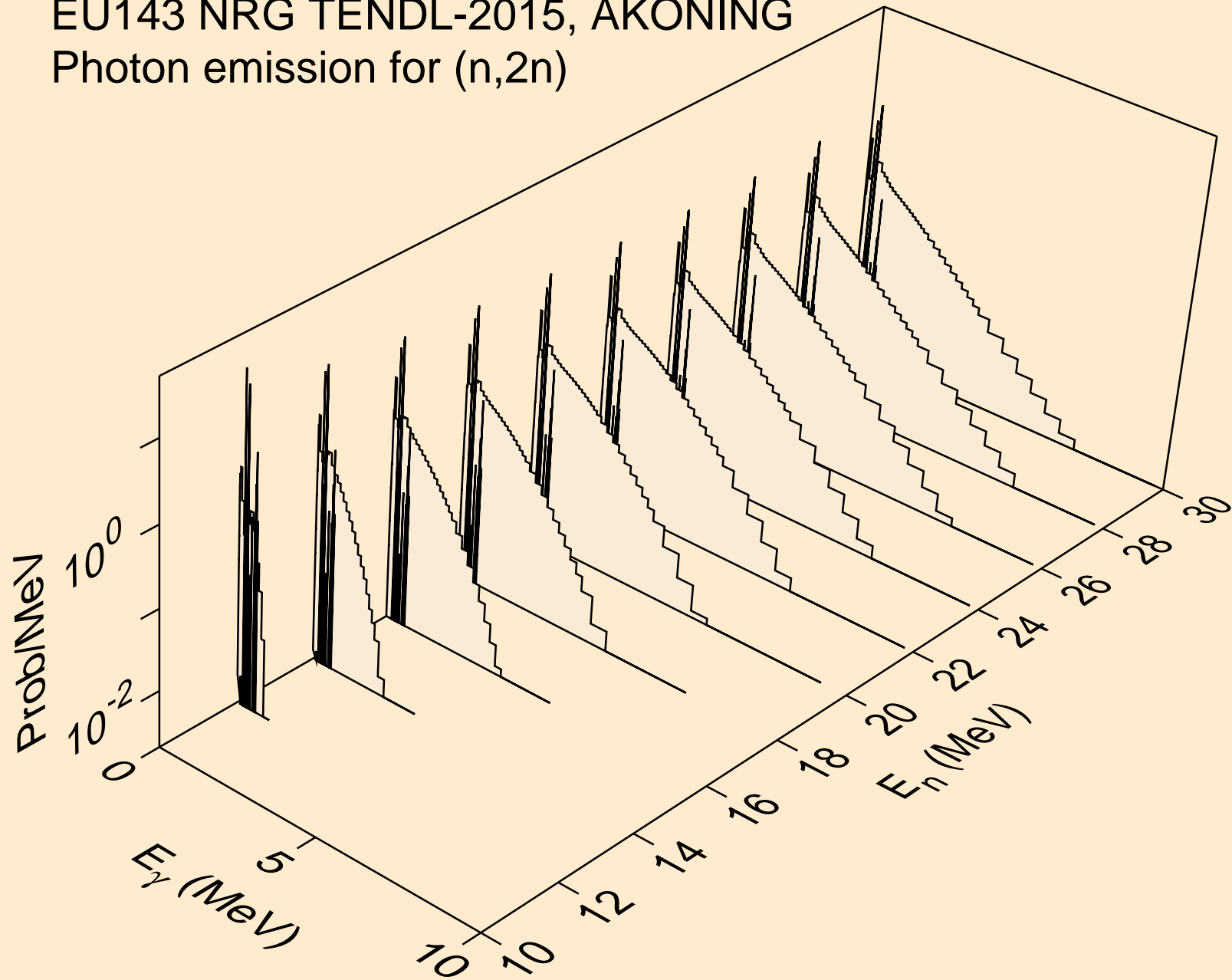
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



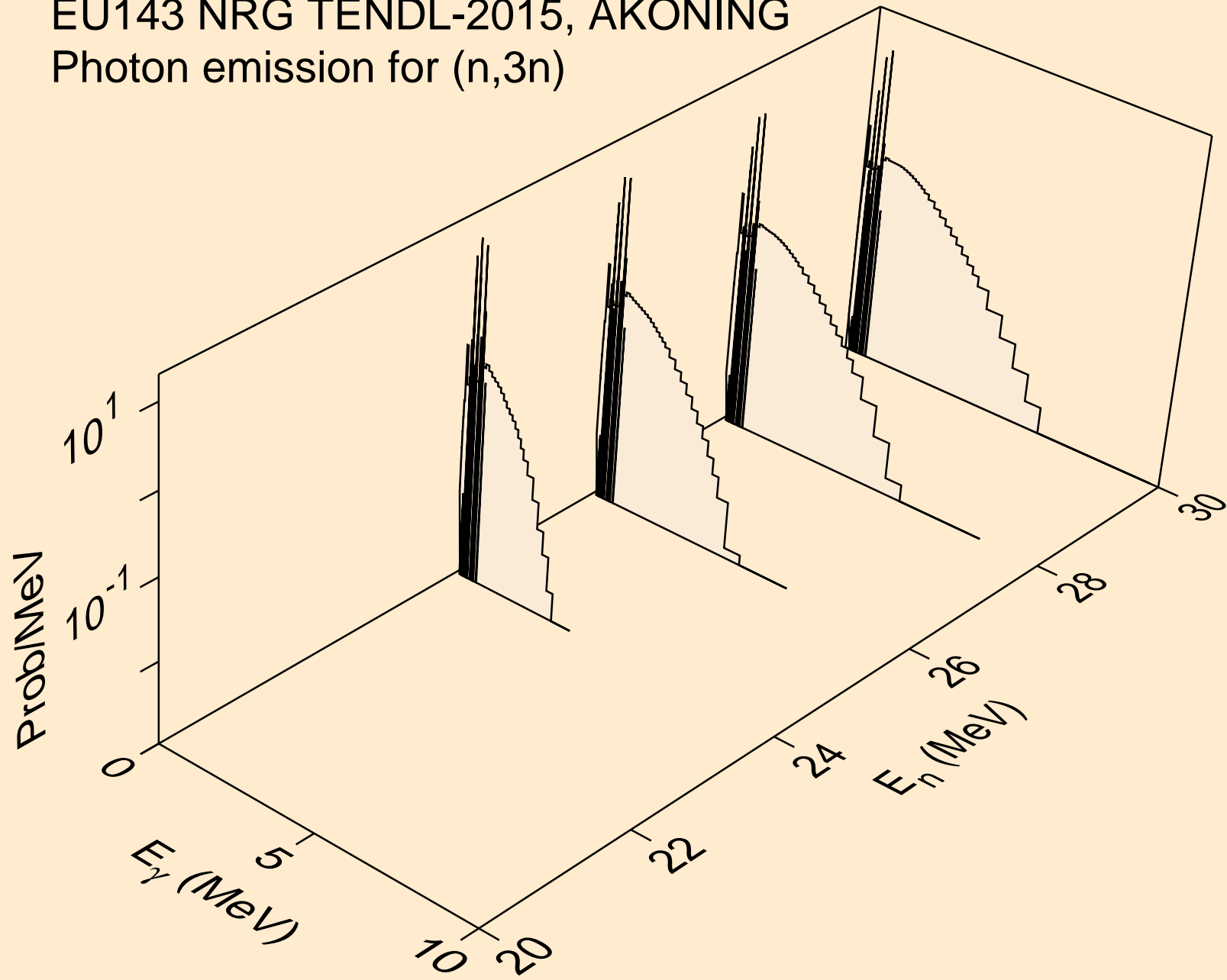
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



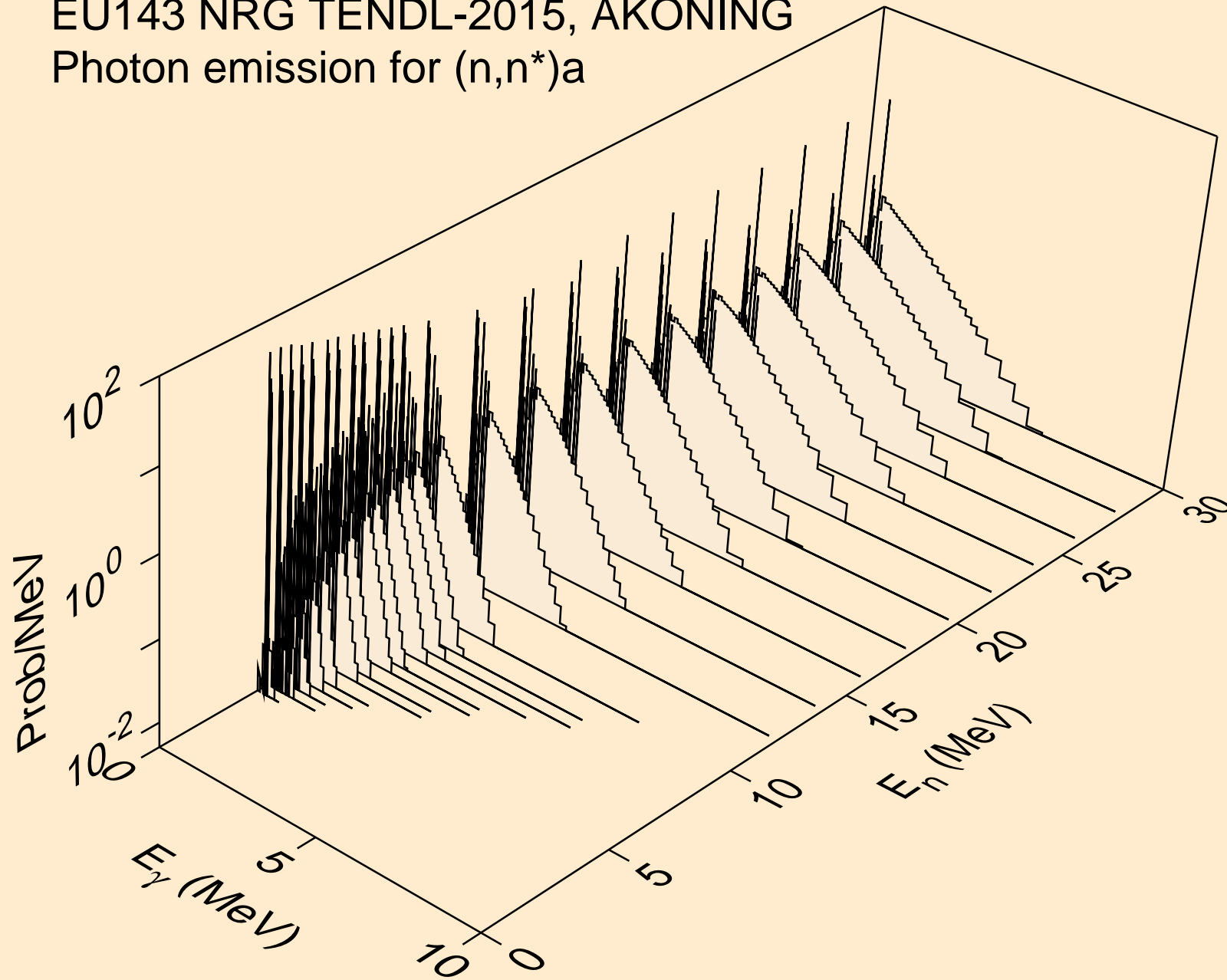
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



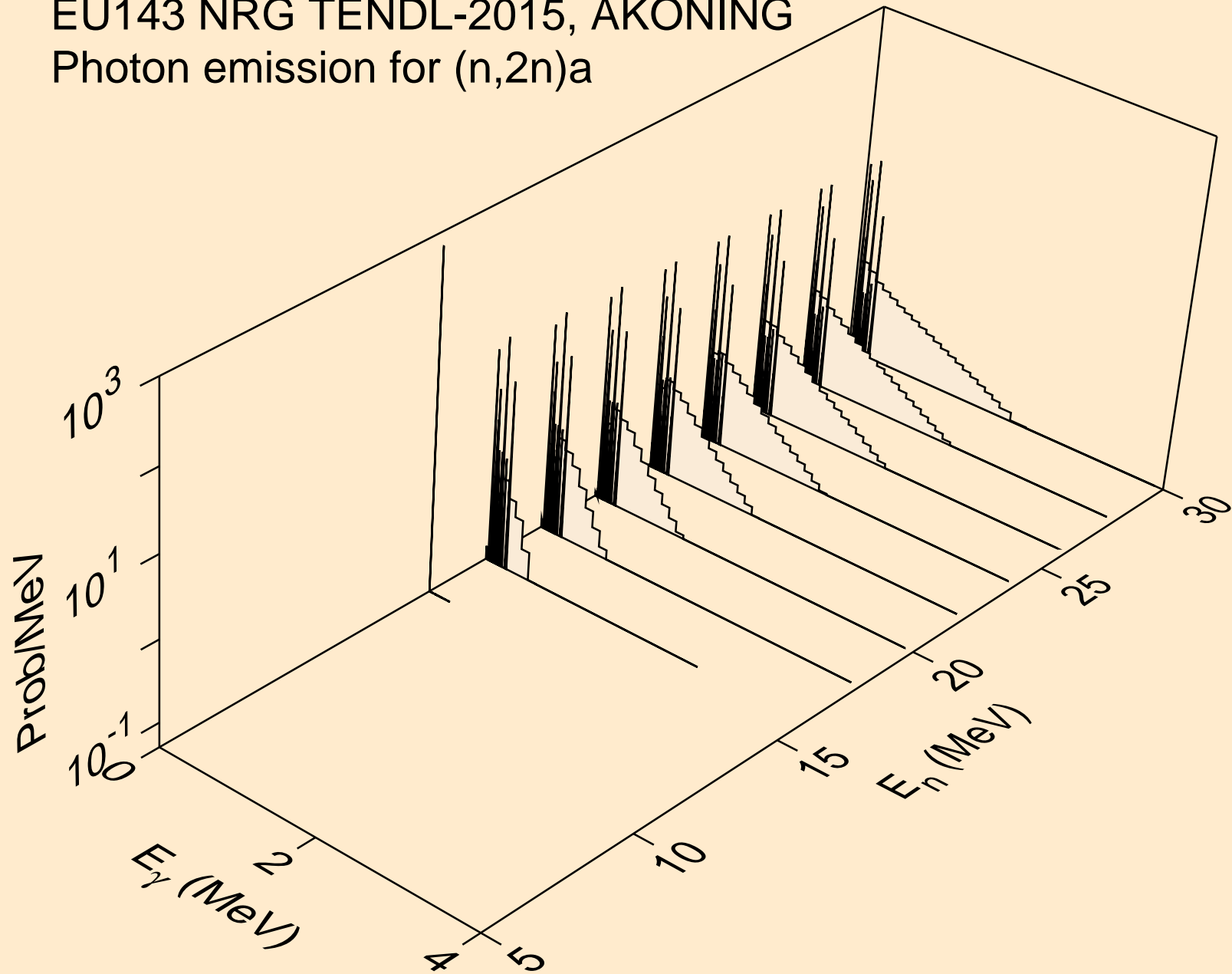
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



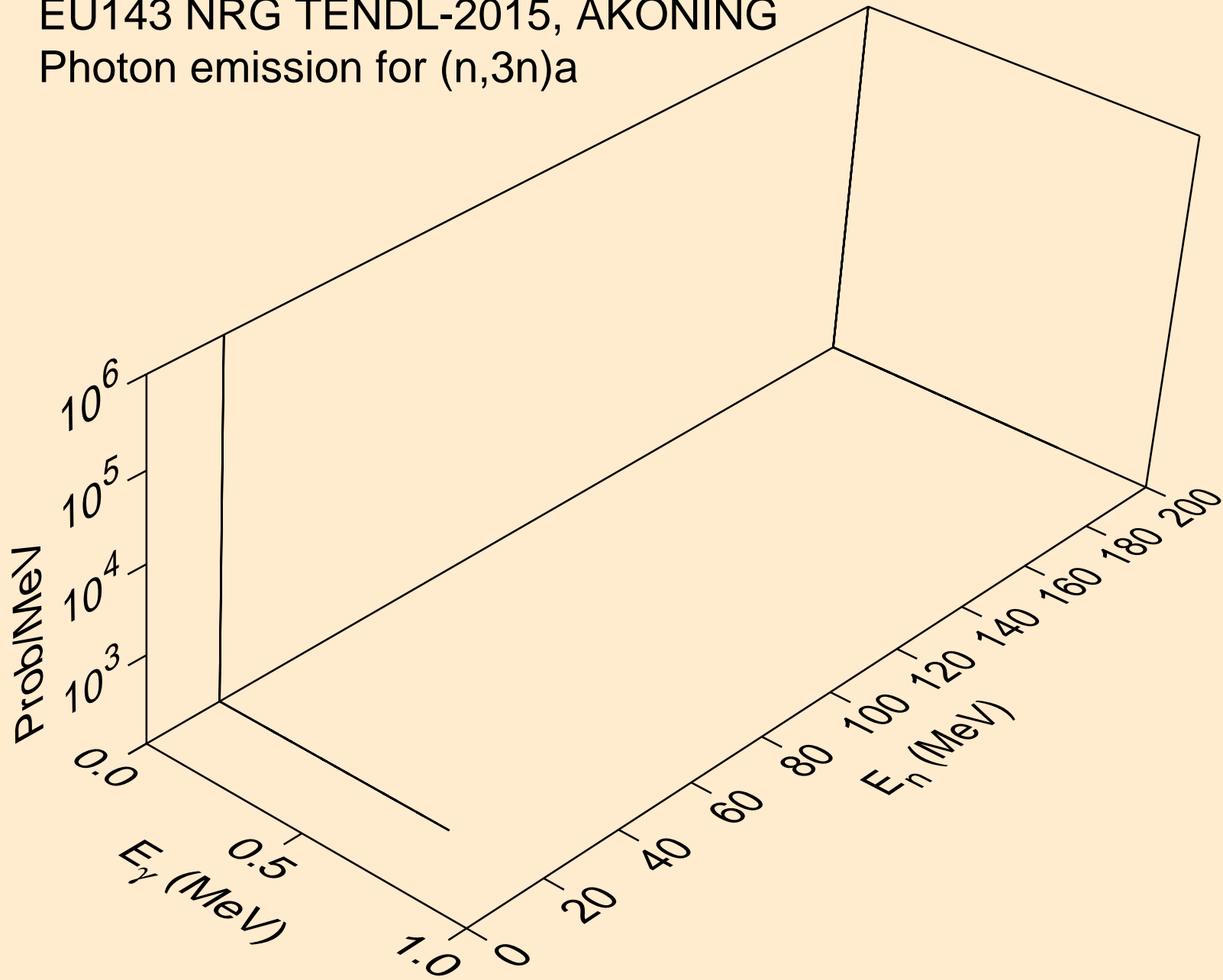
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

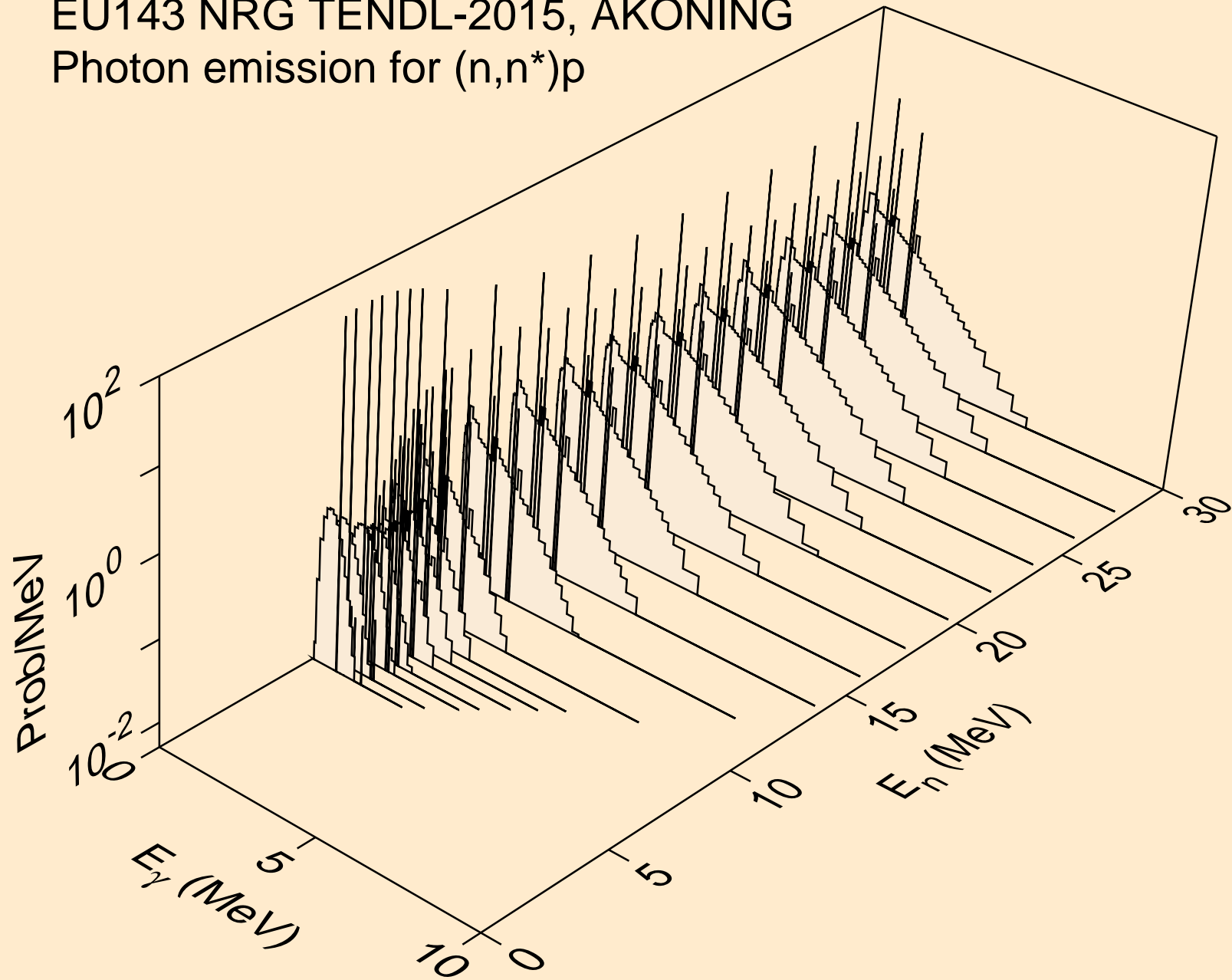


EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

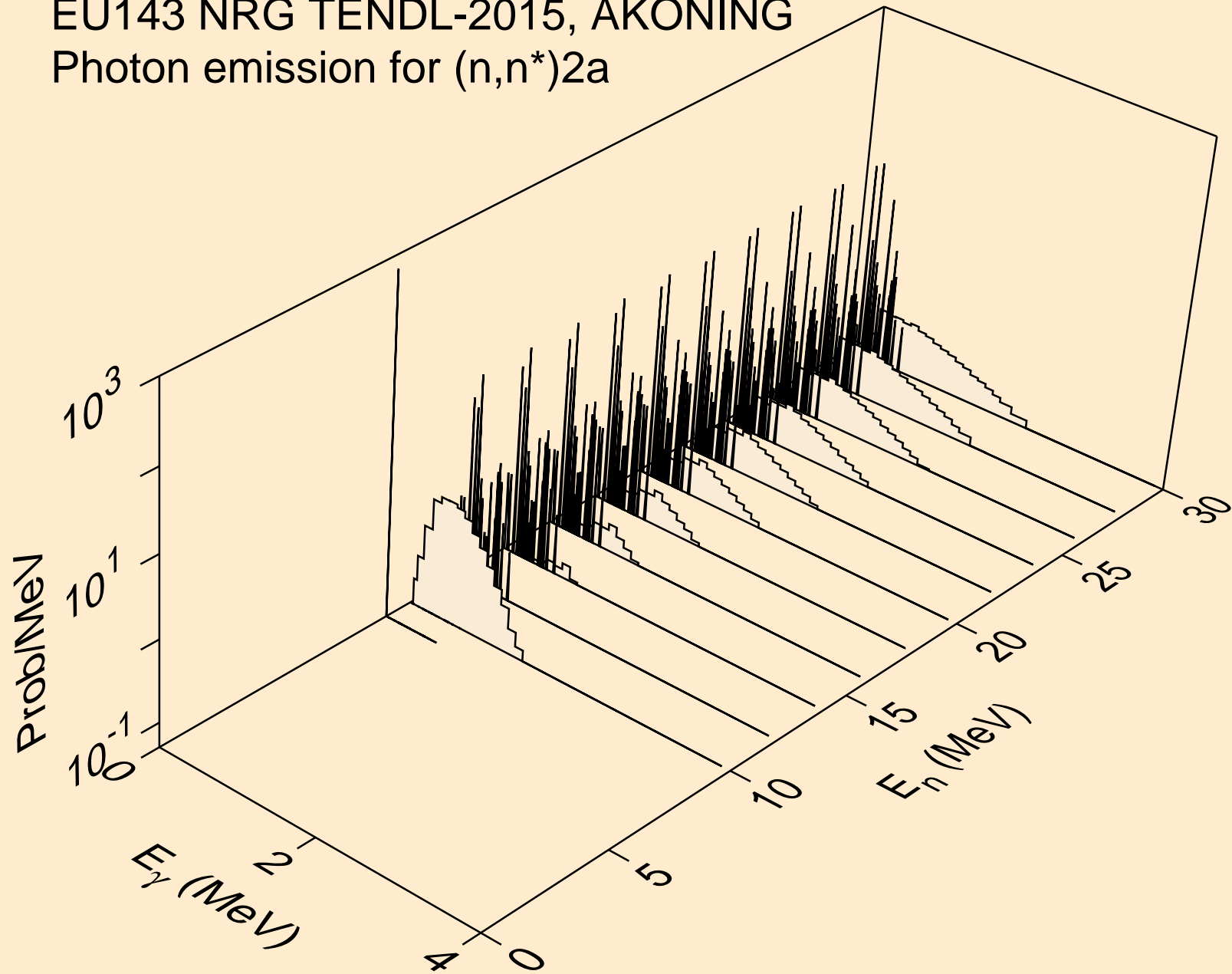




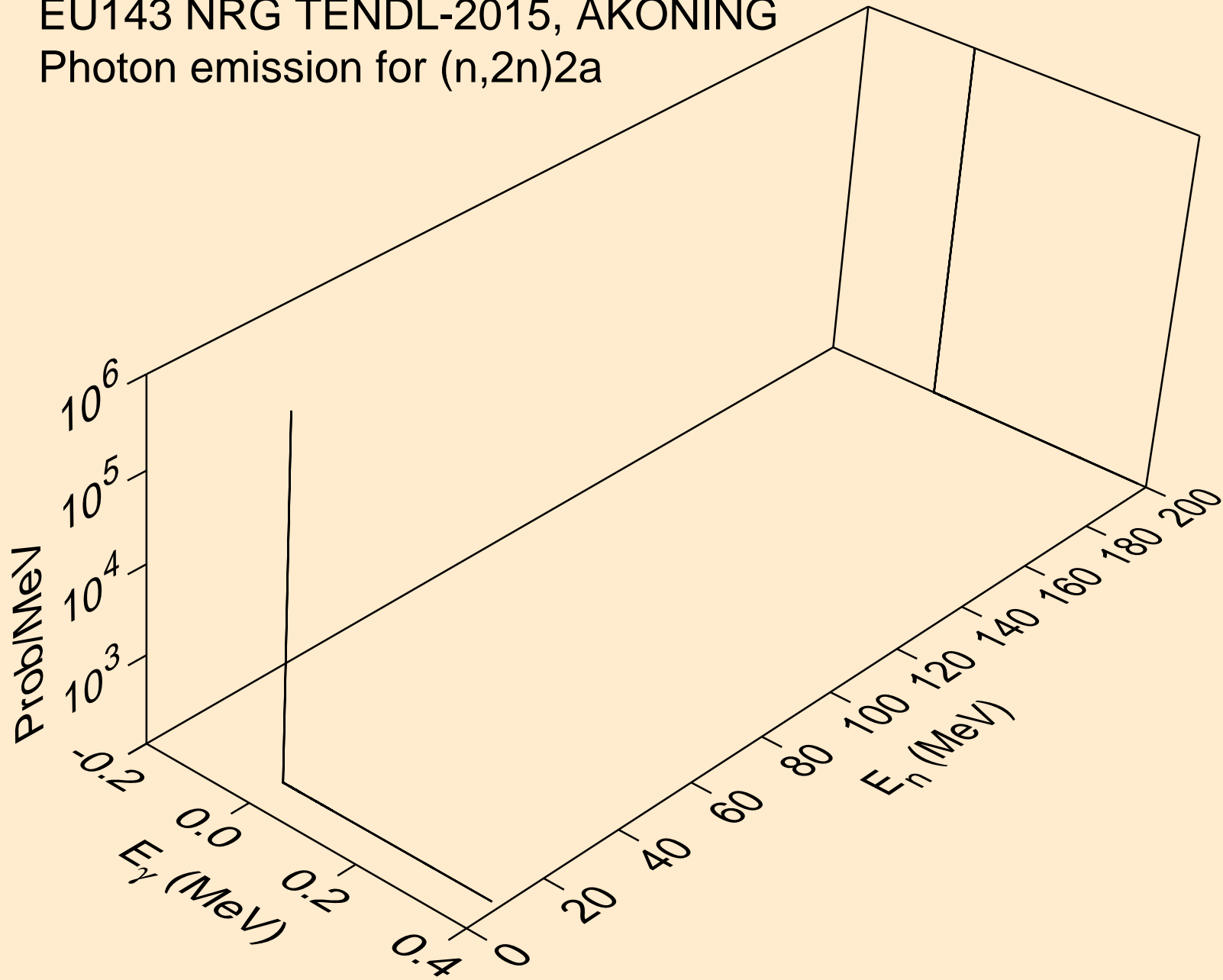
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



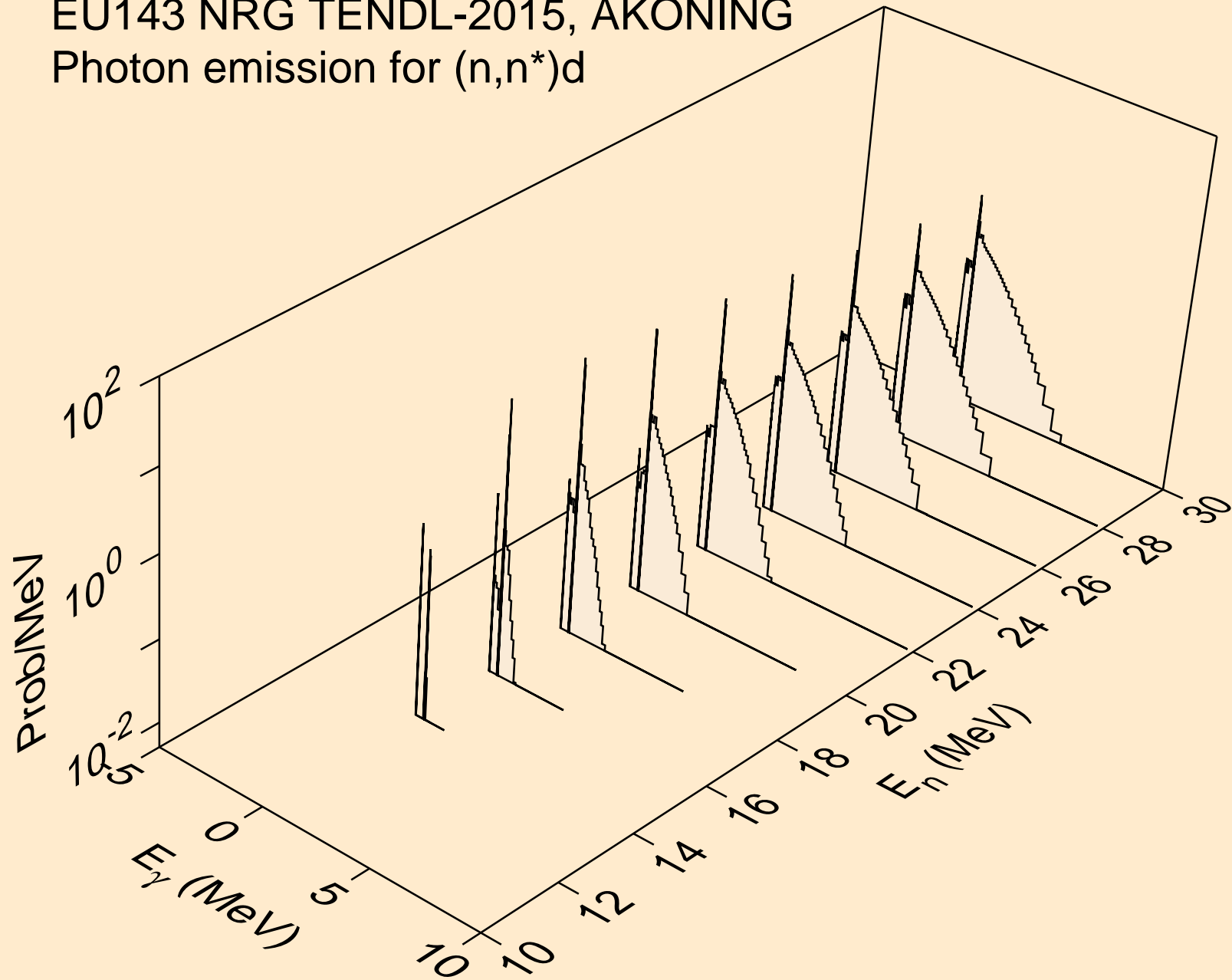
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



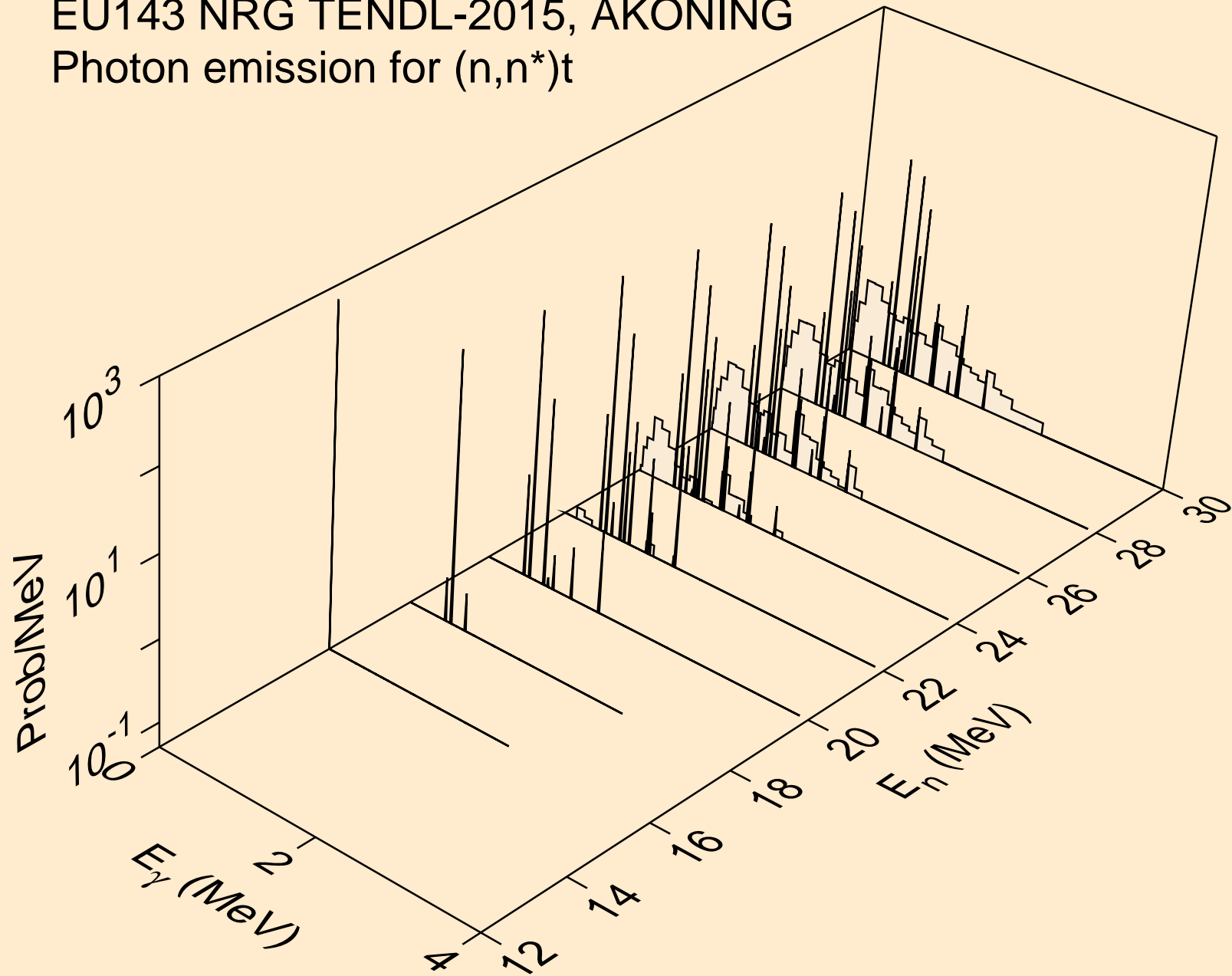
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



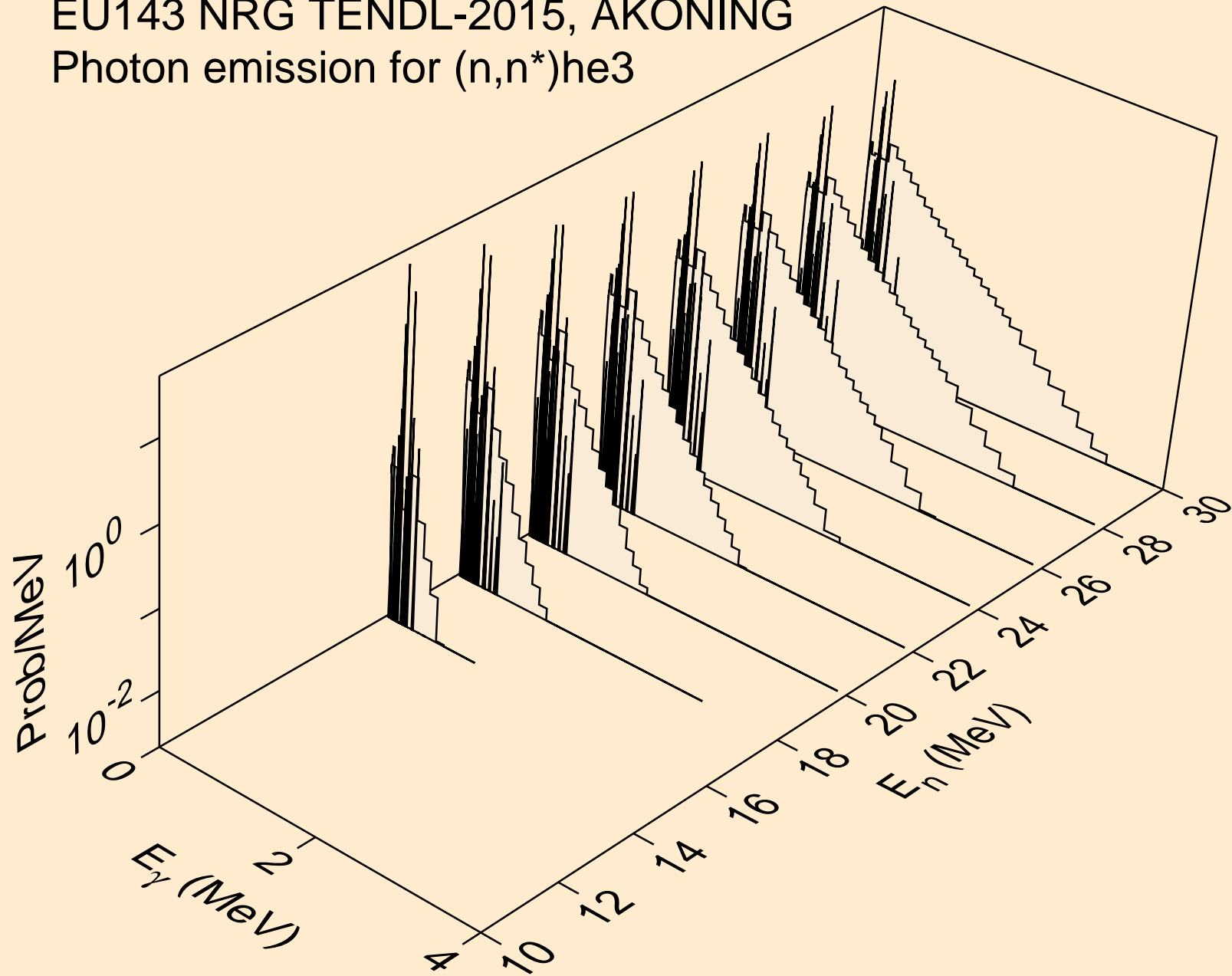
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



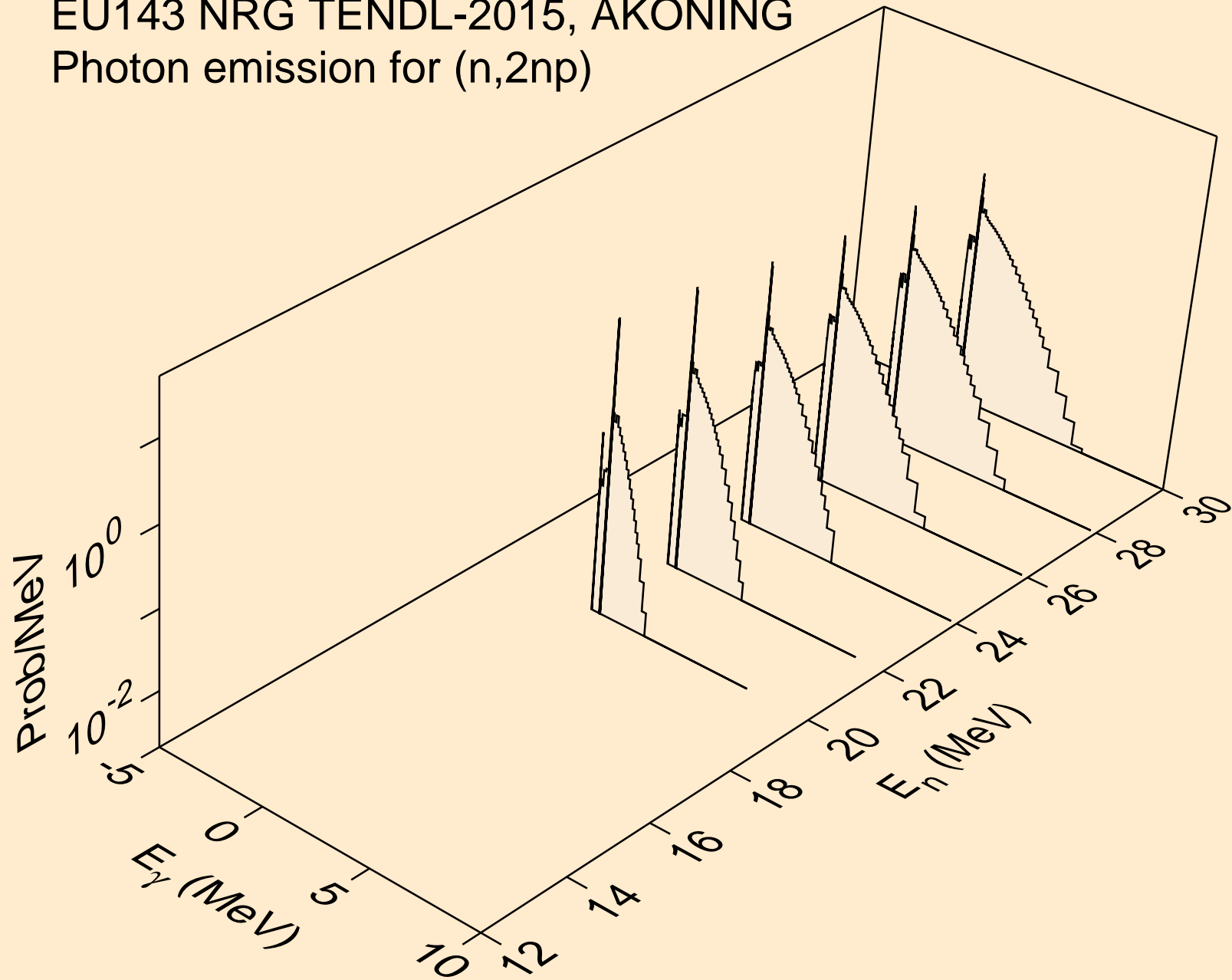
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



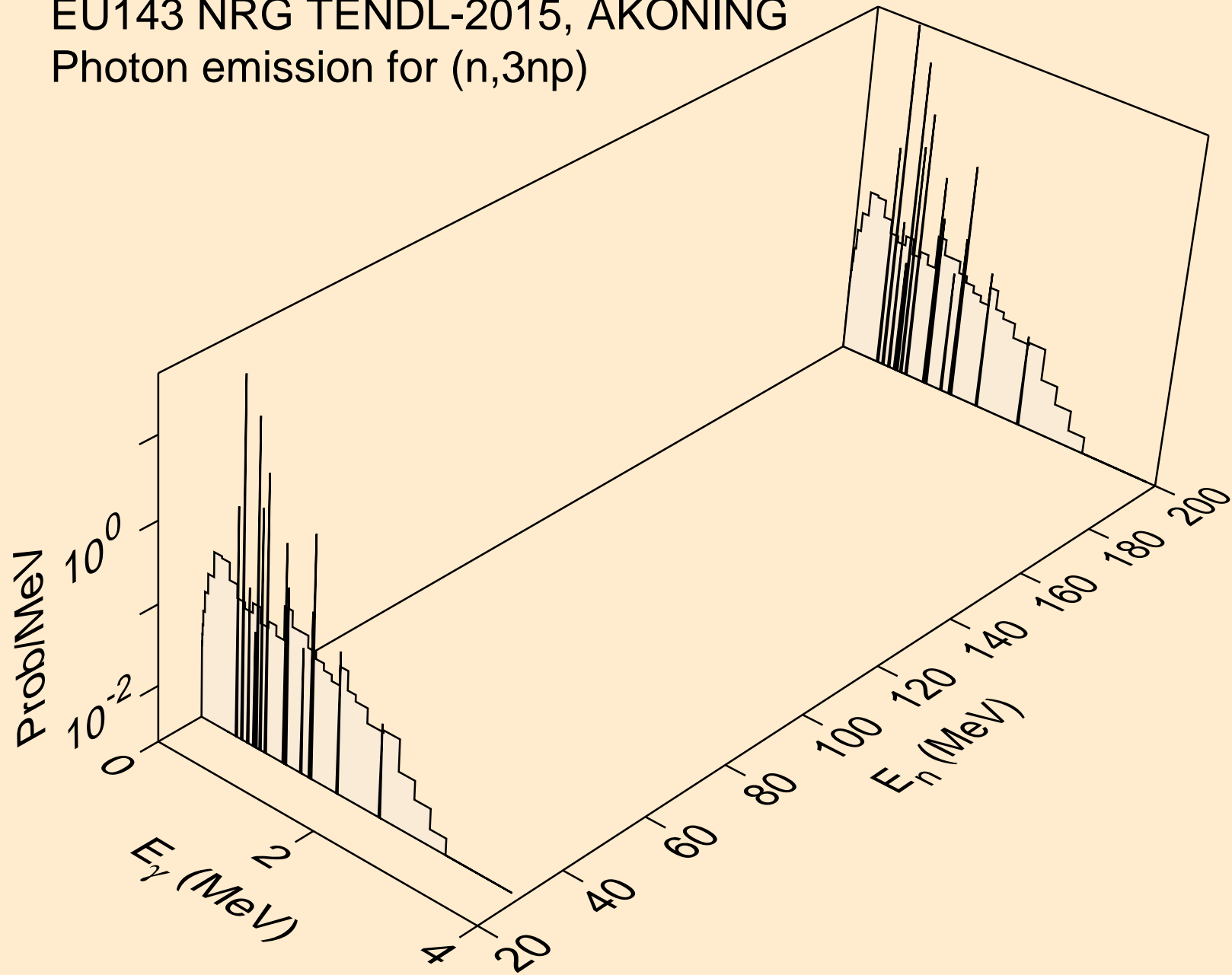
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

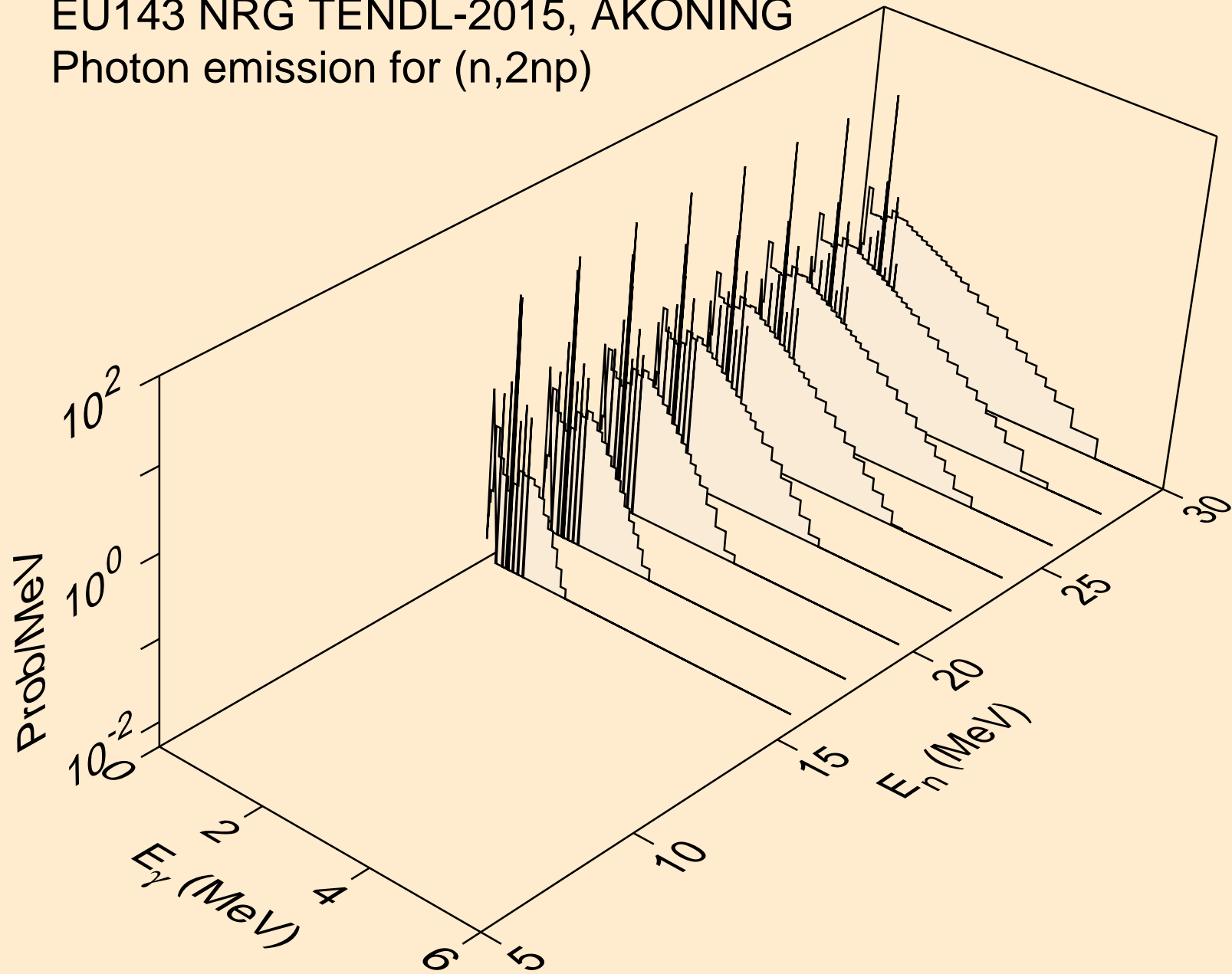


EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

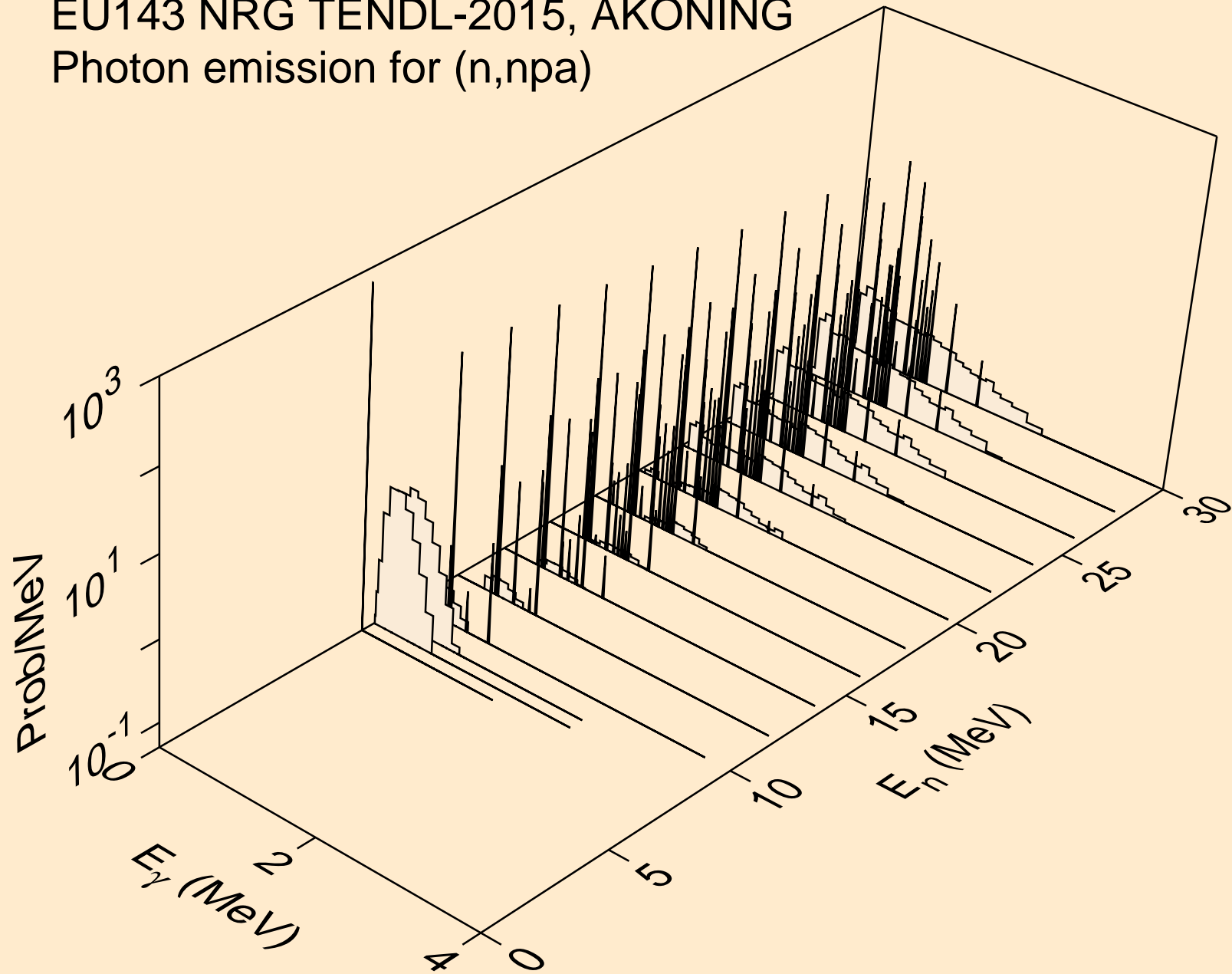




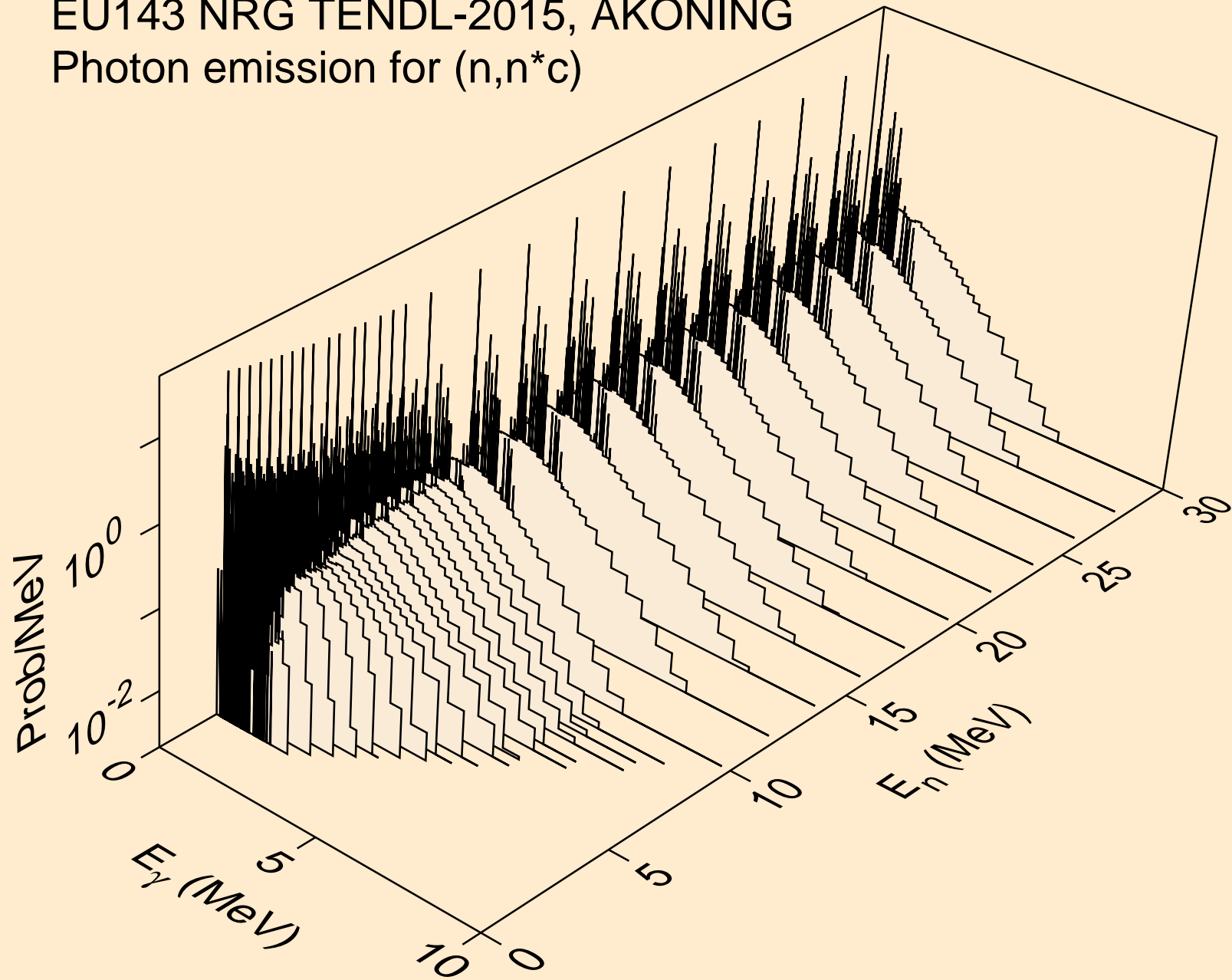
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



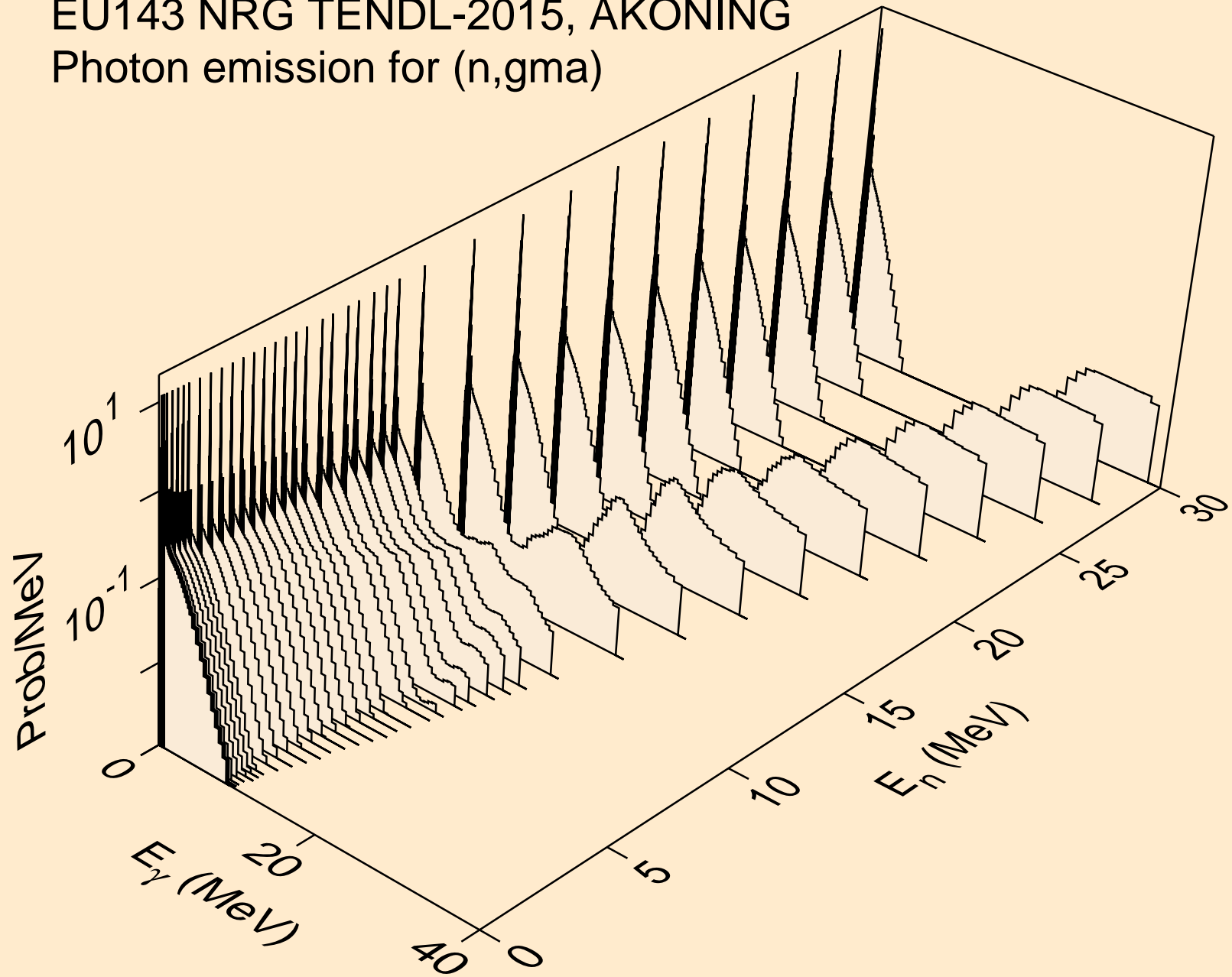
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



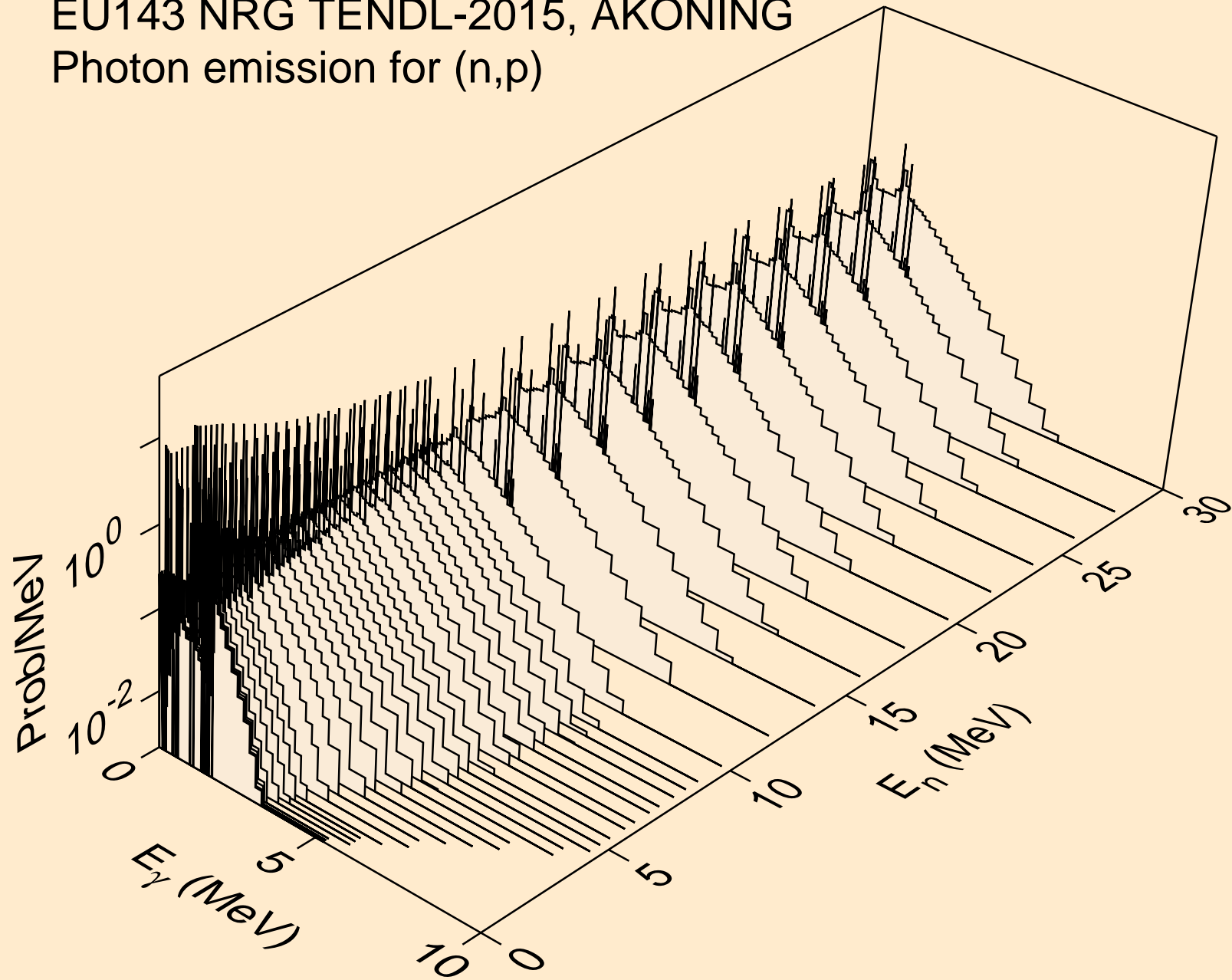
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



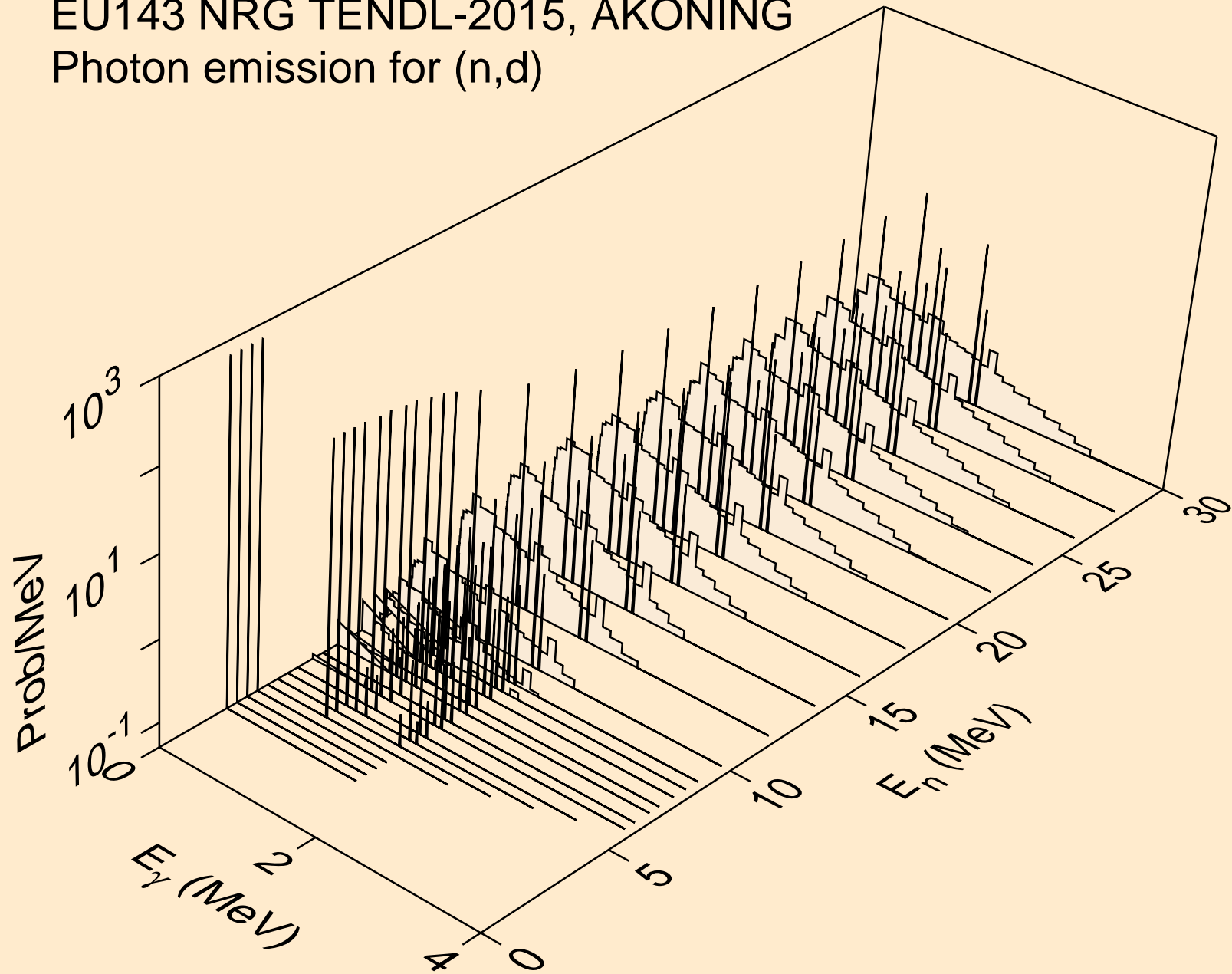
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



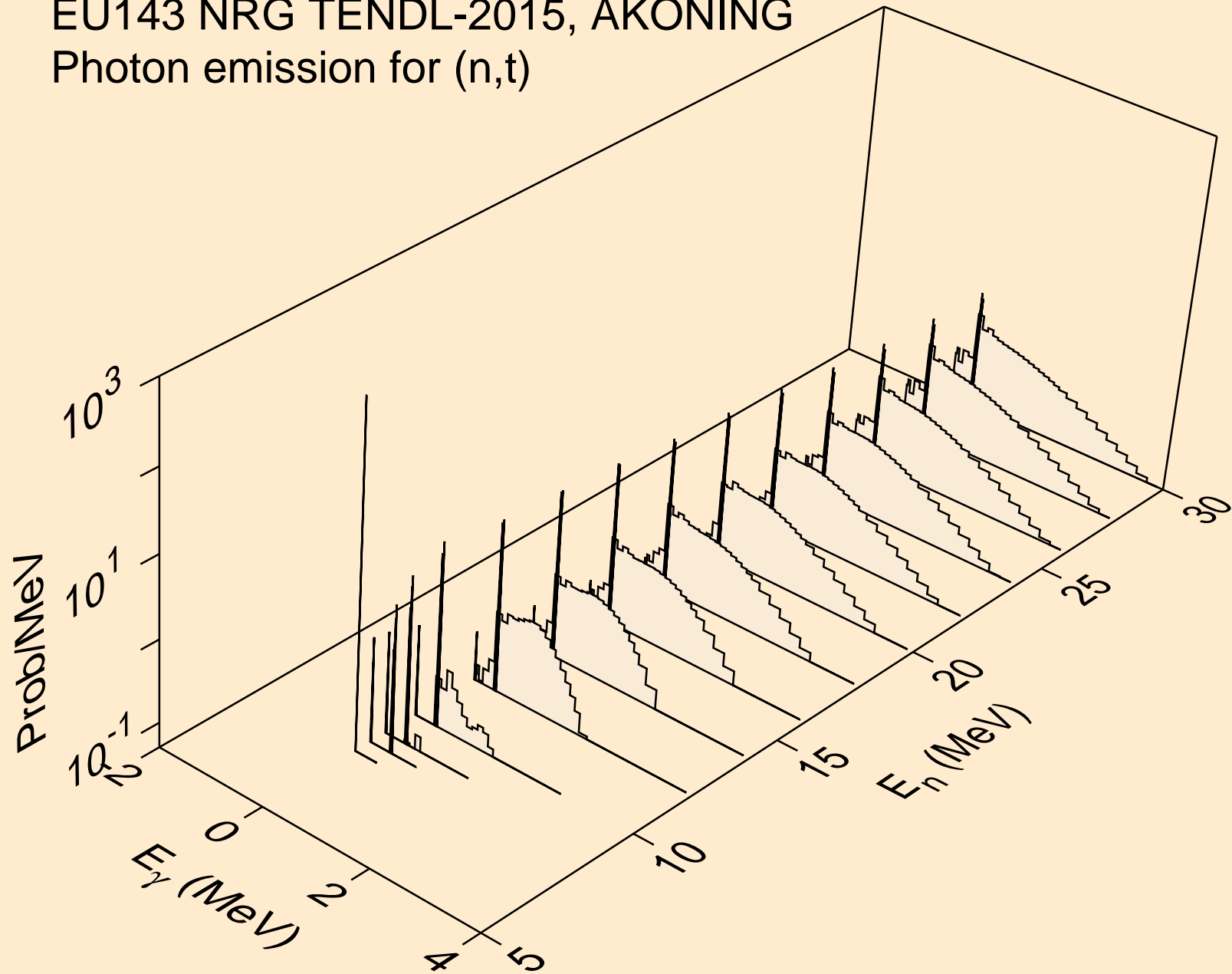
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



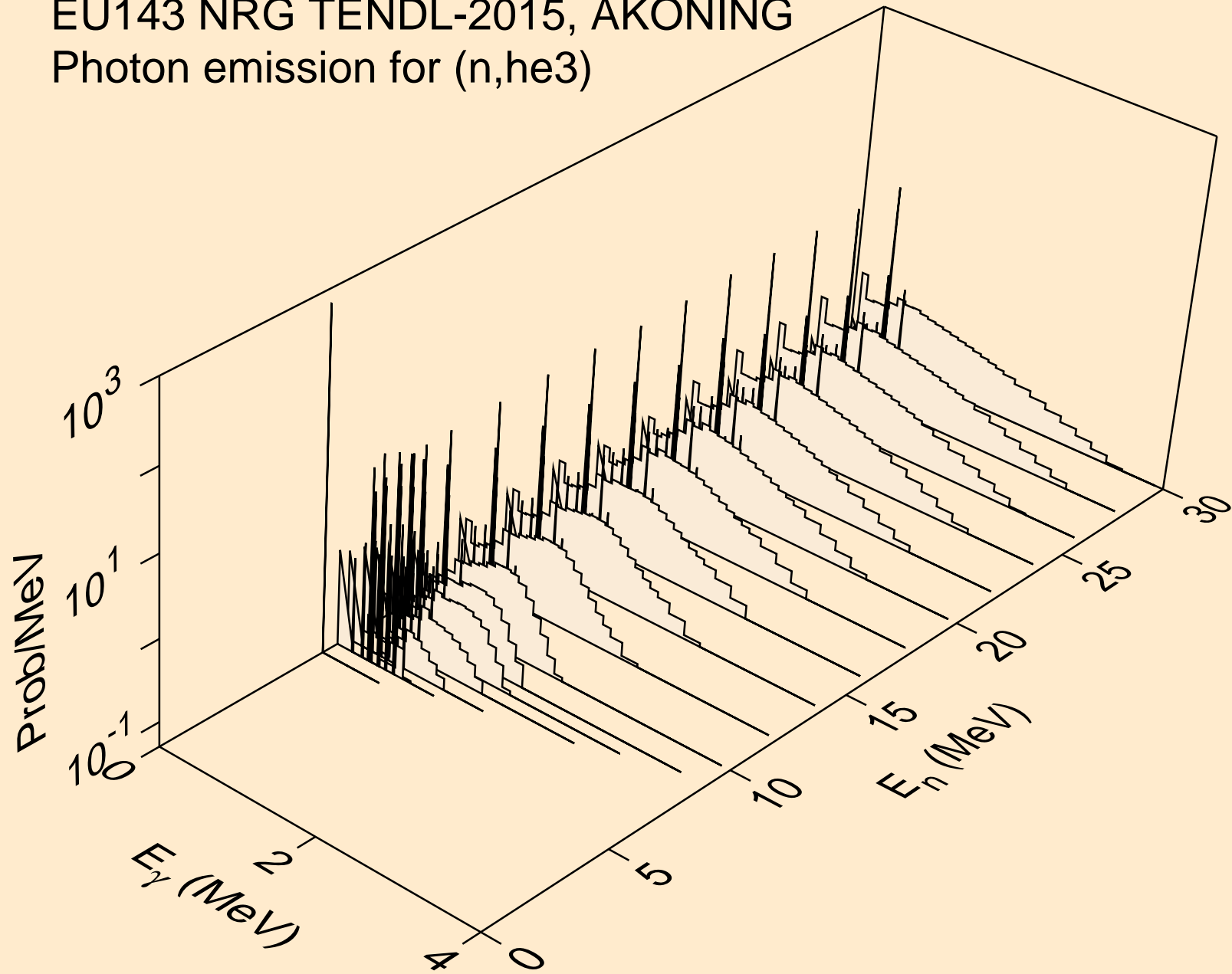
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

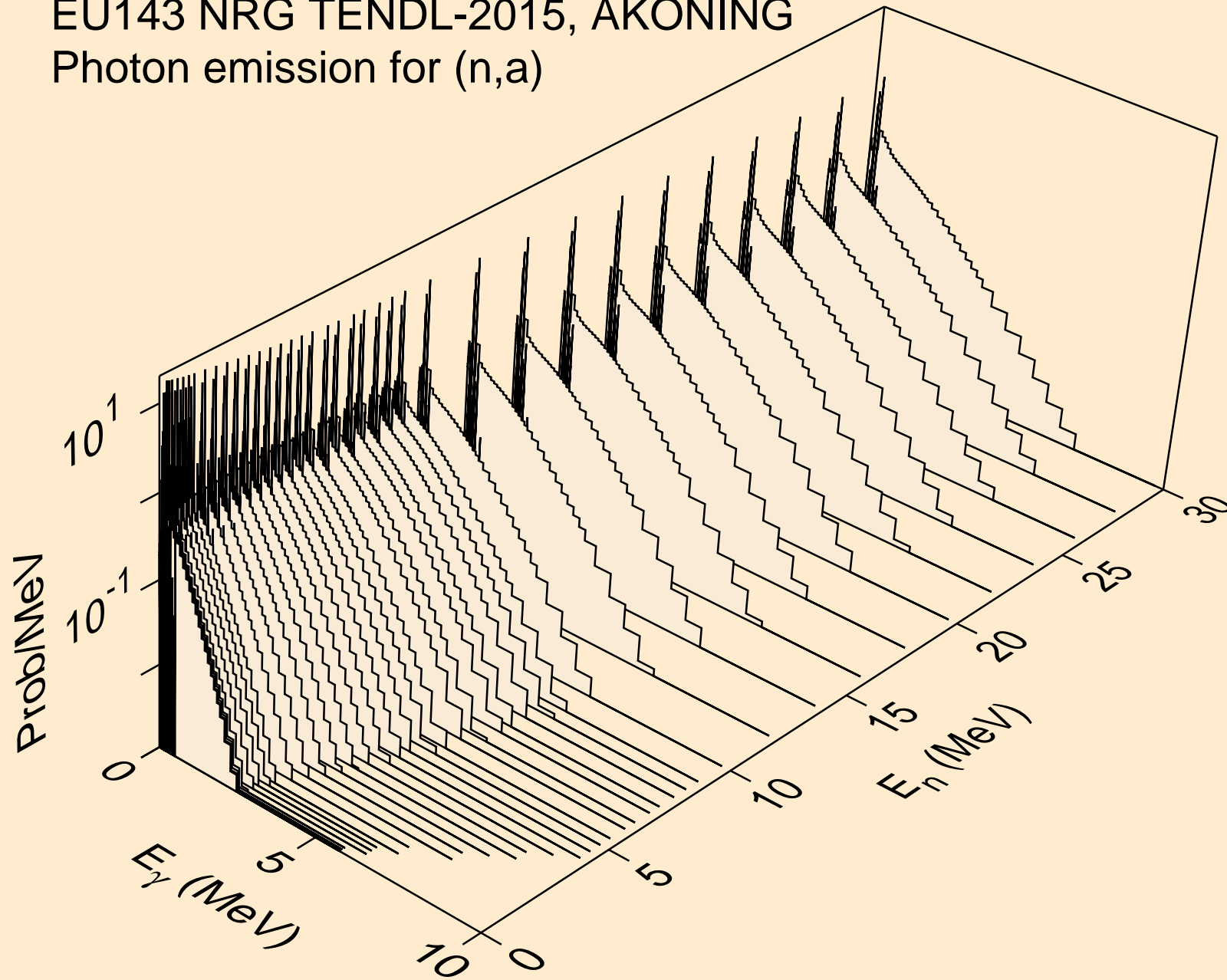


EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

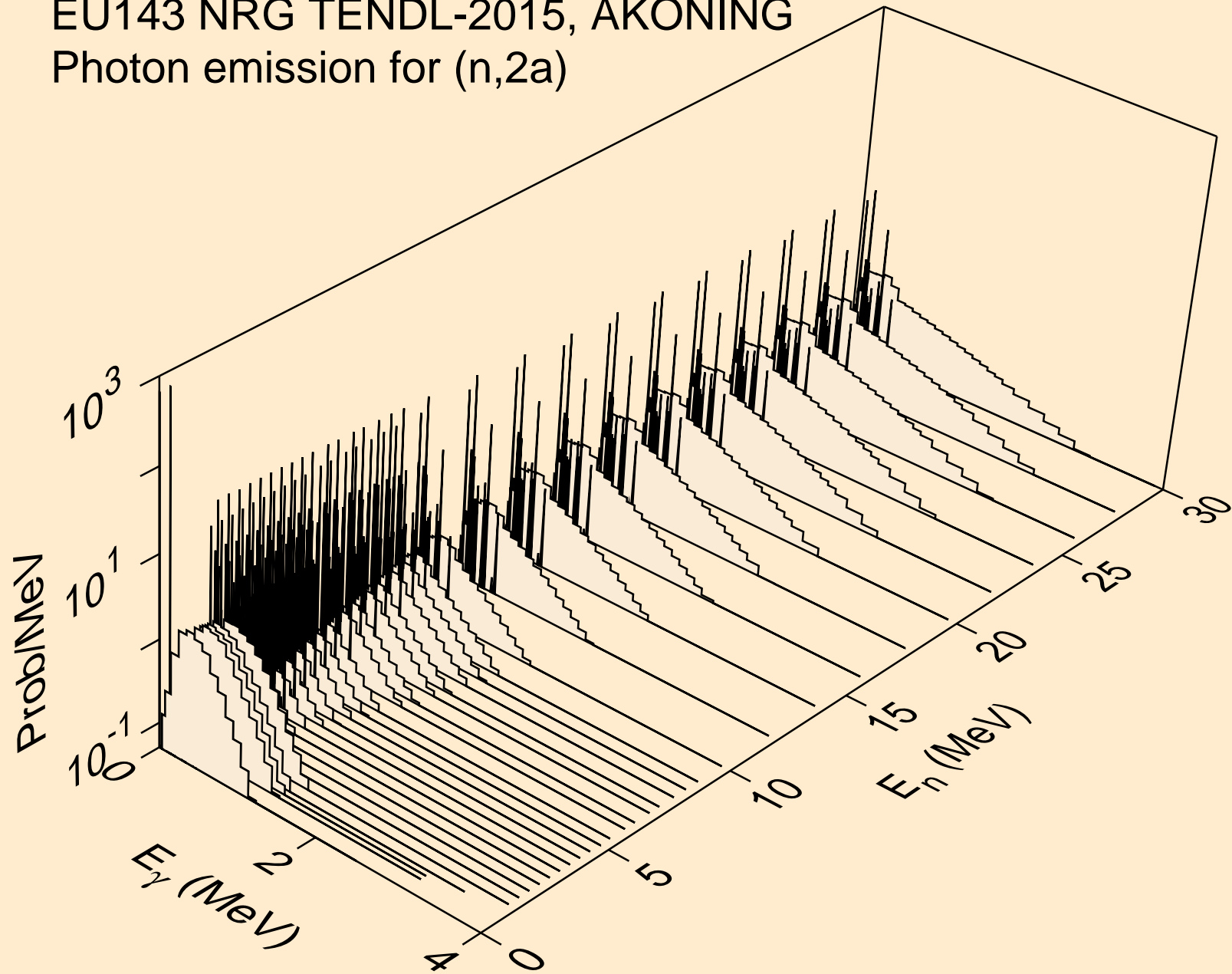




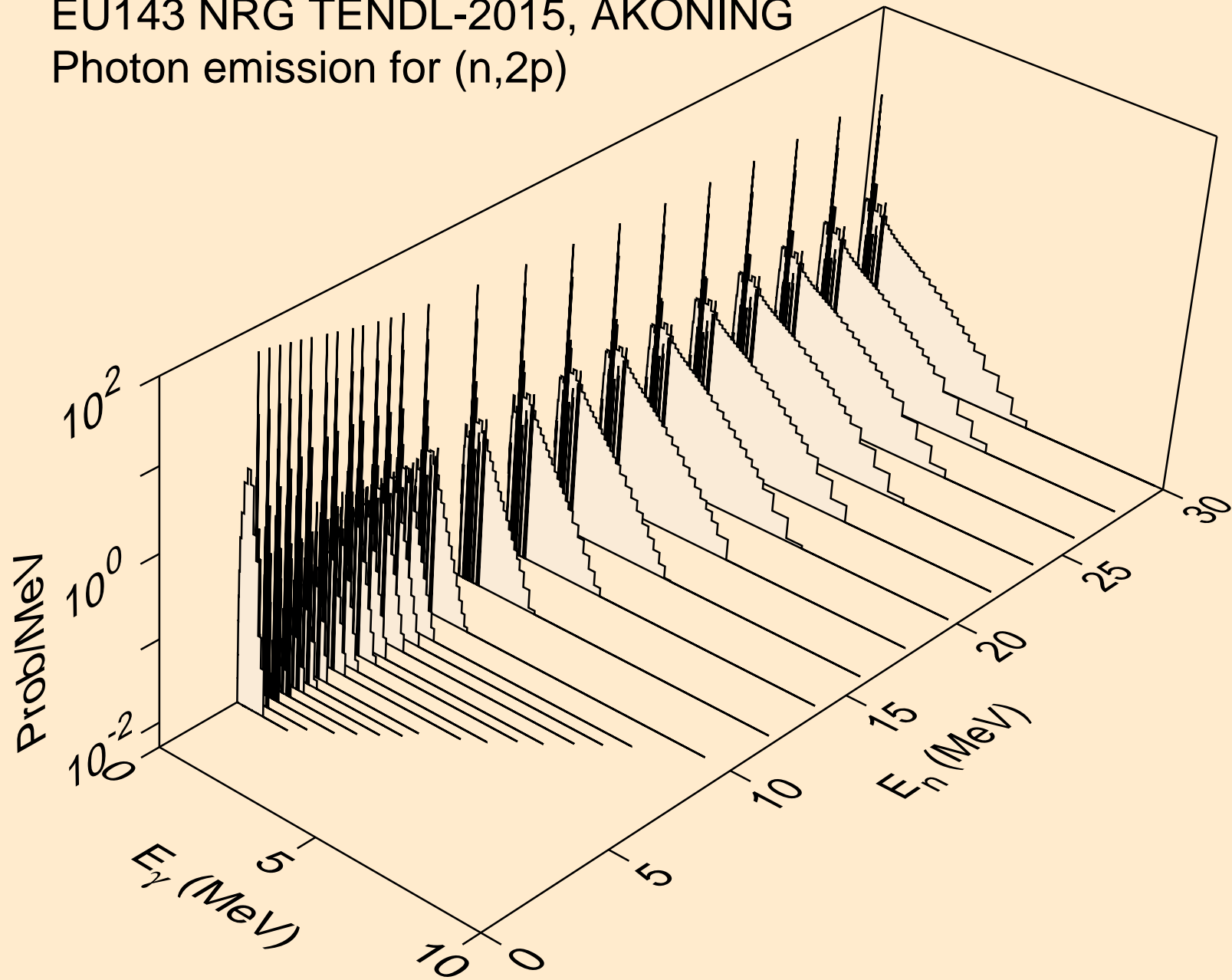
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



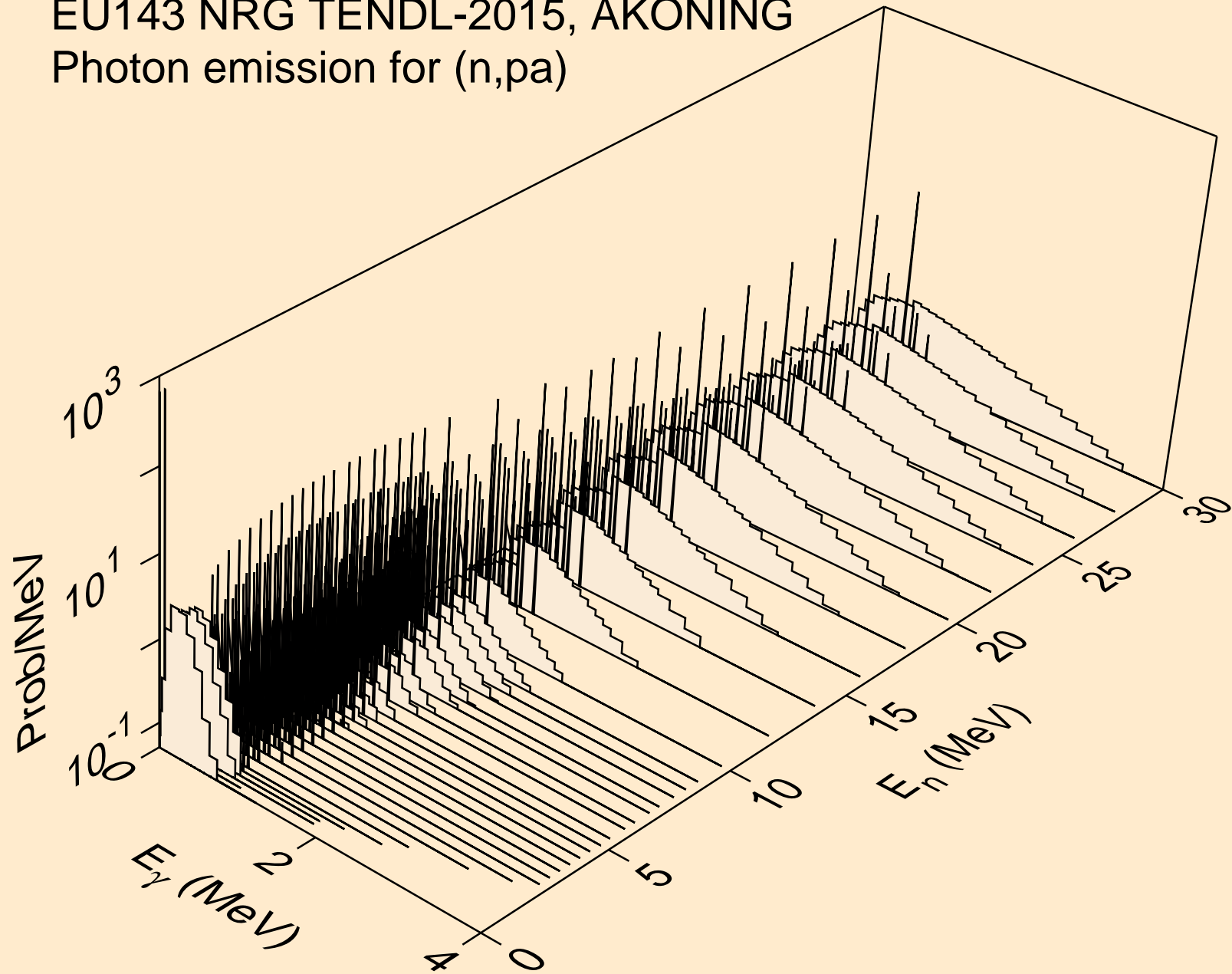
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



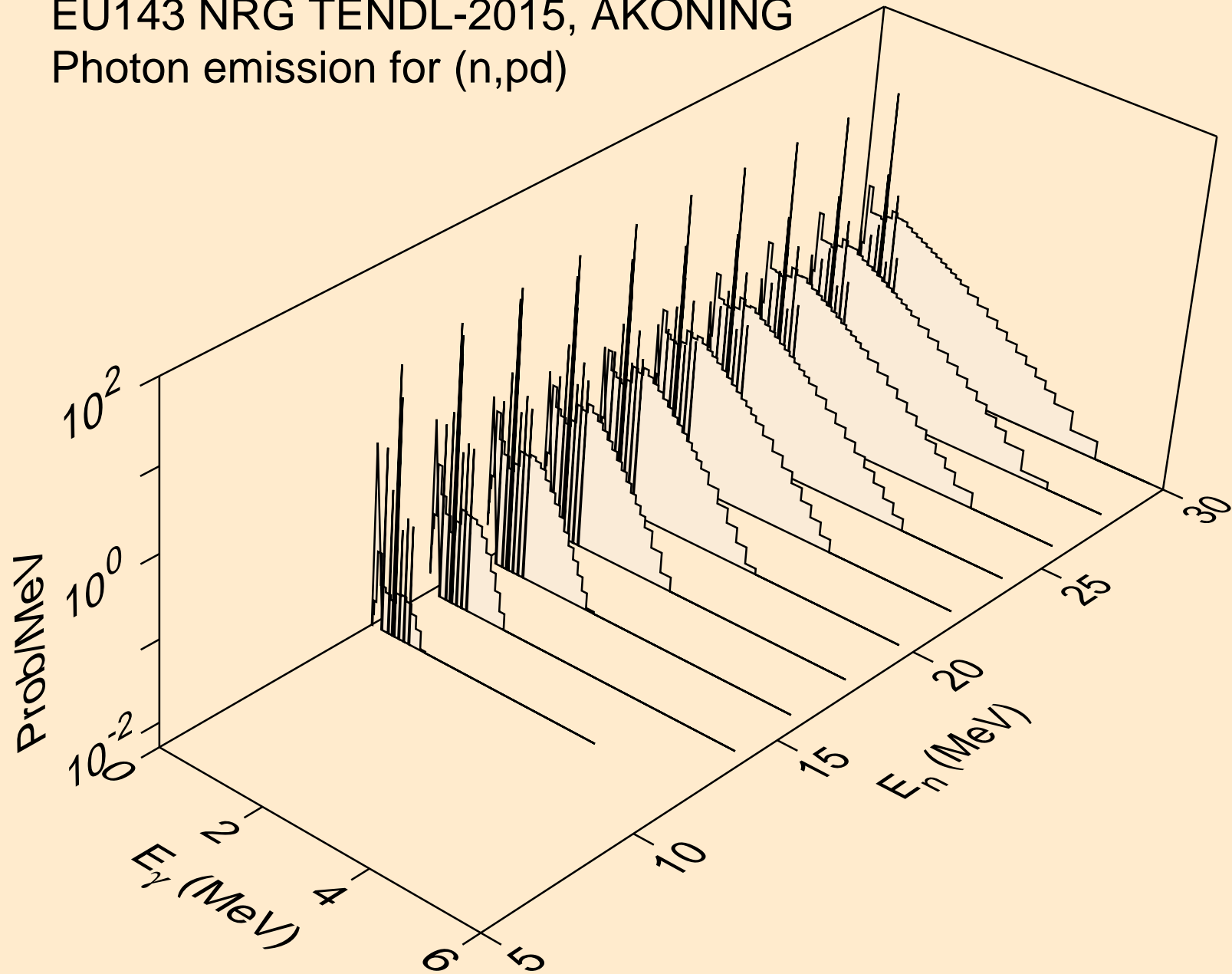
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



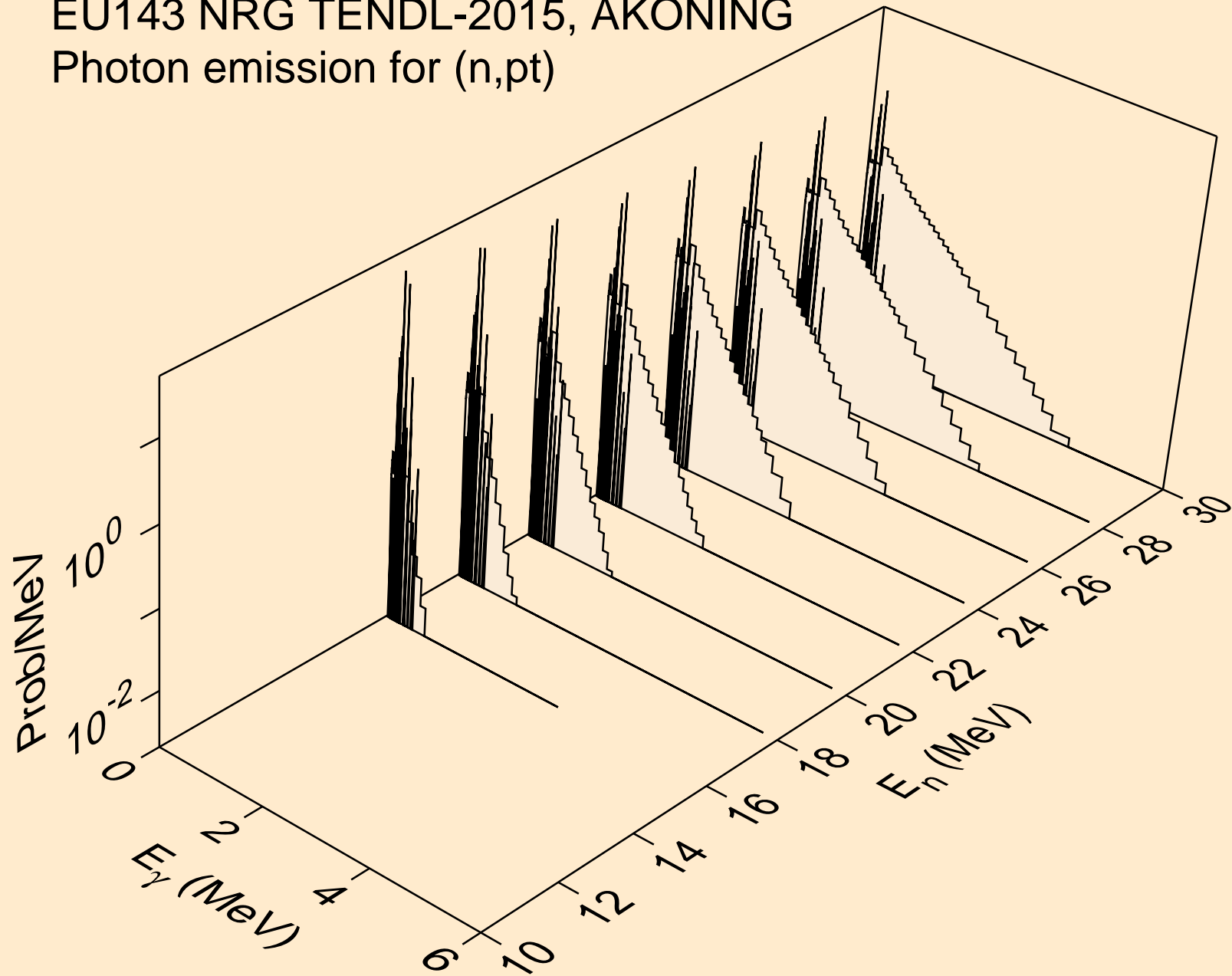
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



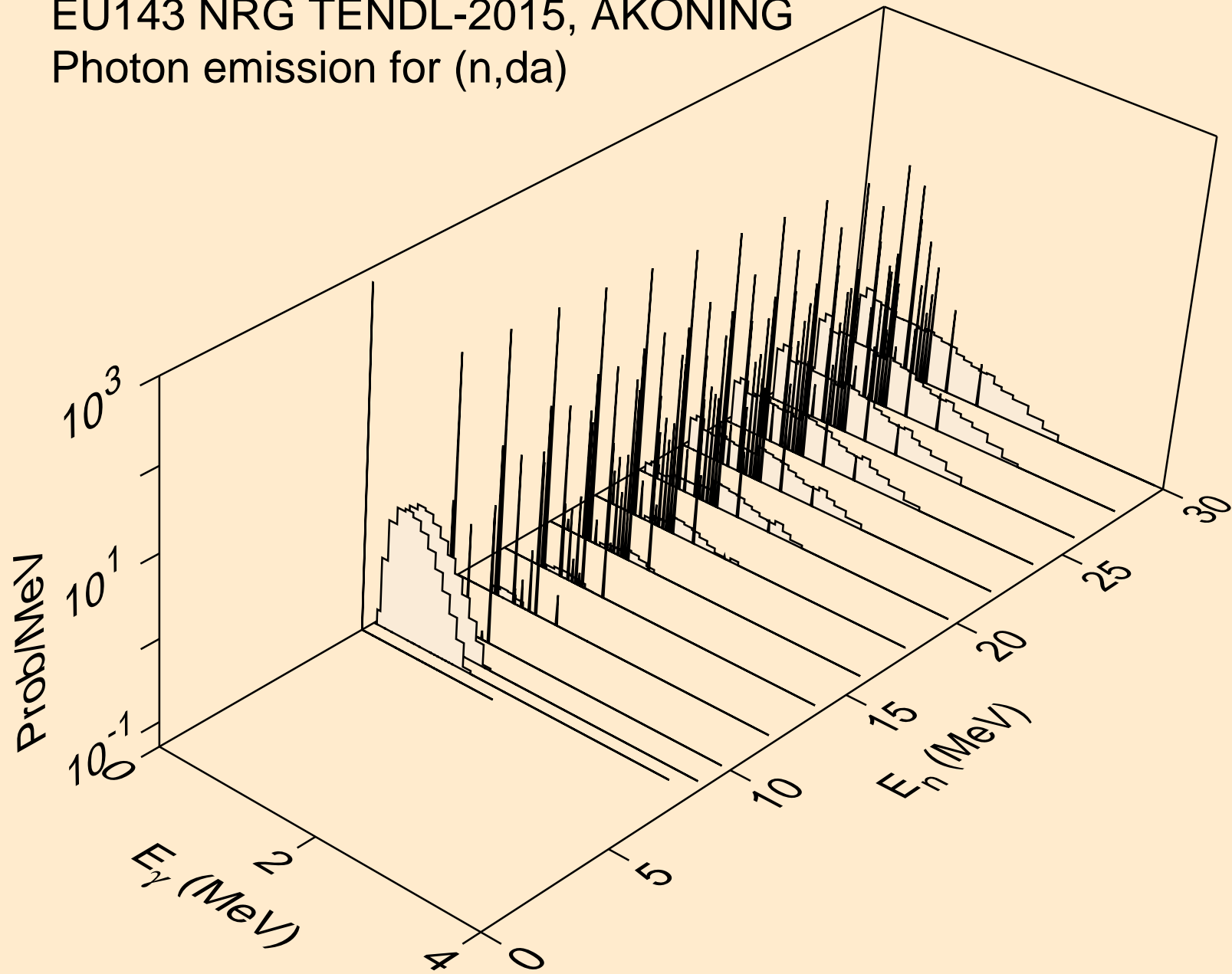
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



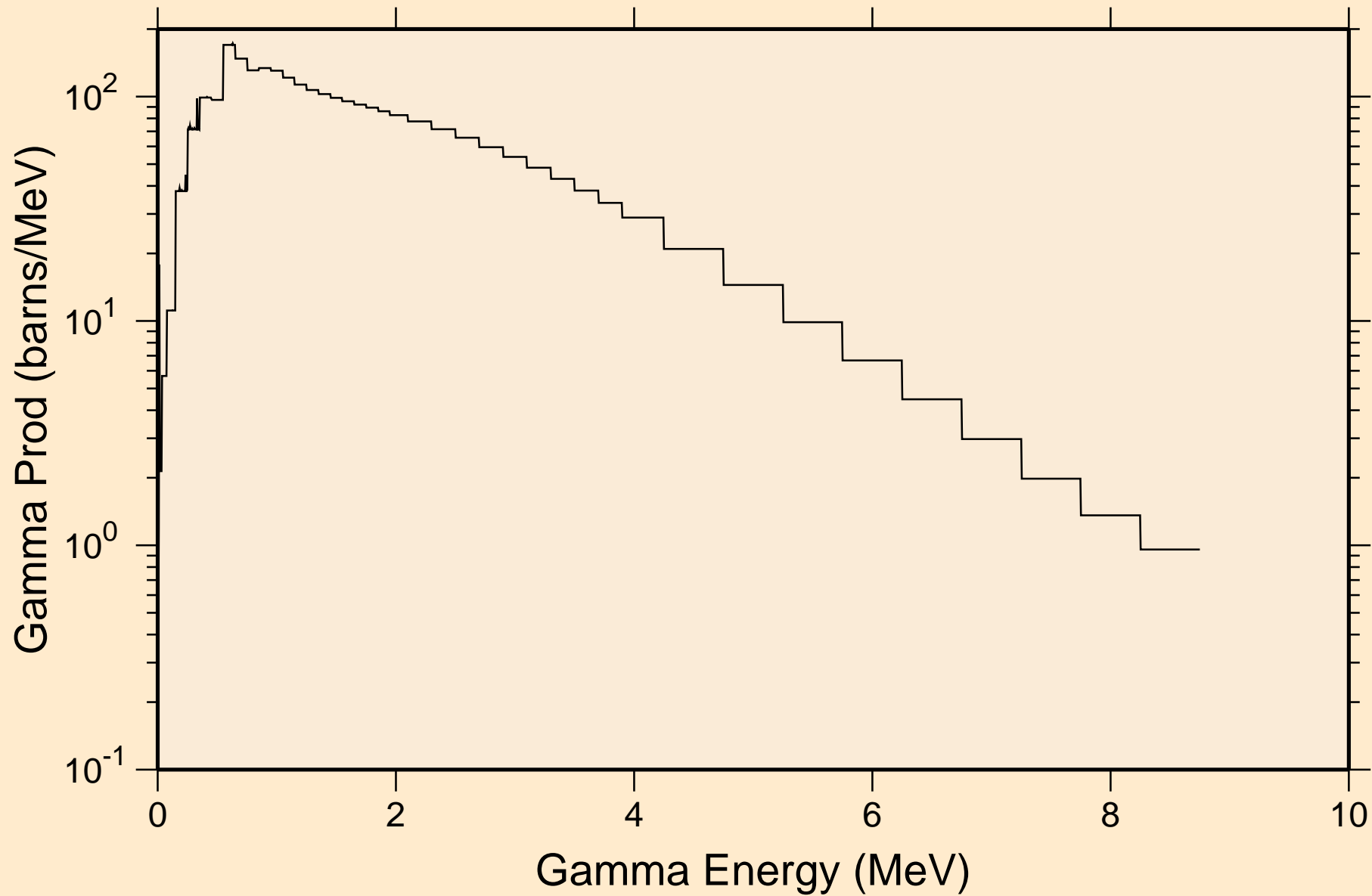
EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



EU143 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



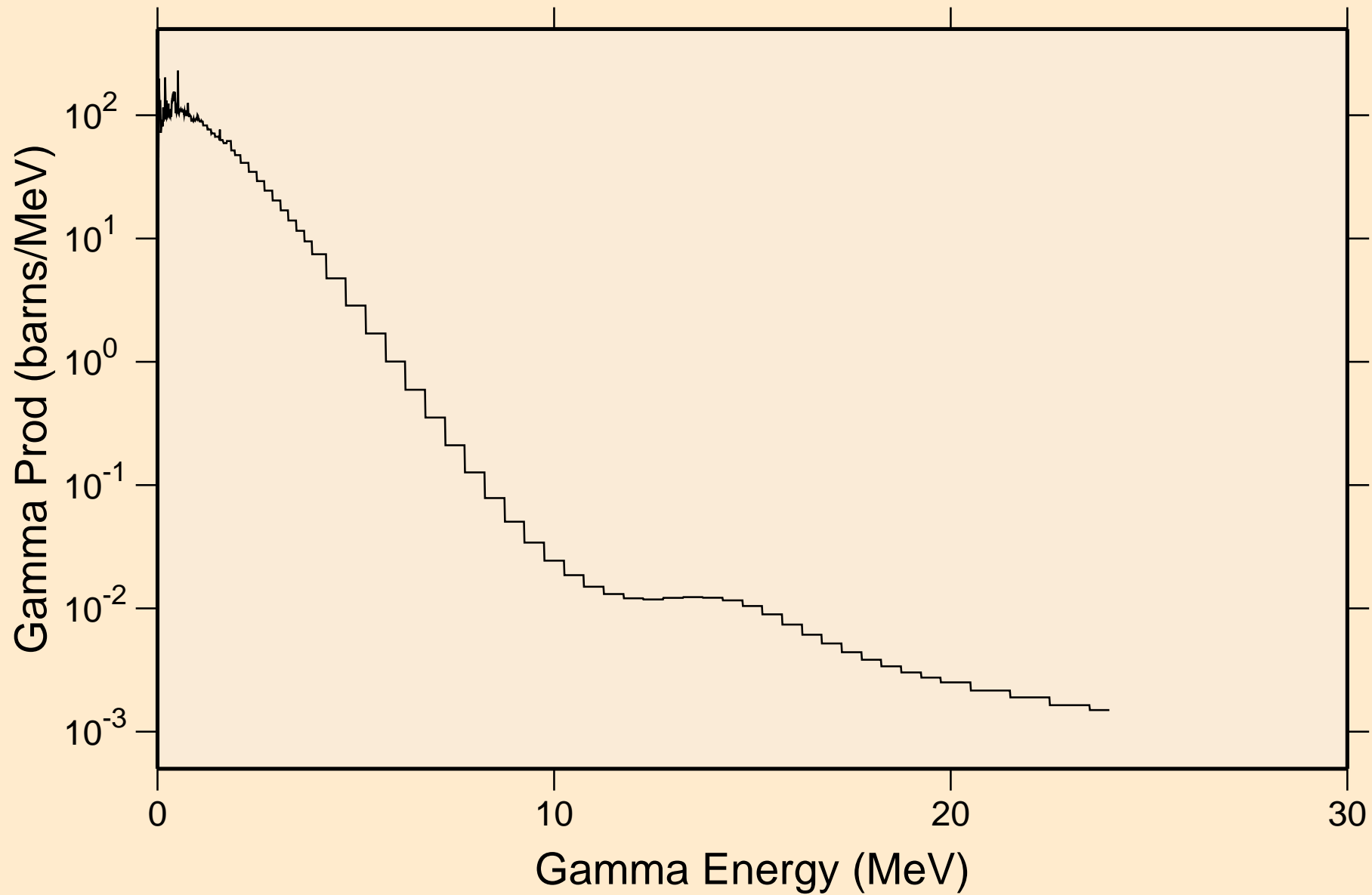
EU143 NRG TENDL-2015, AKONING  
thermal capture photon spectrum





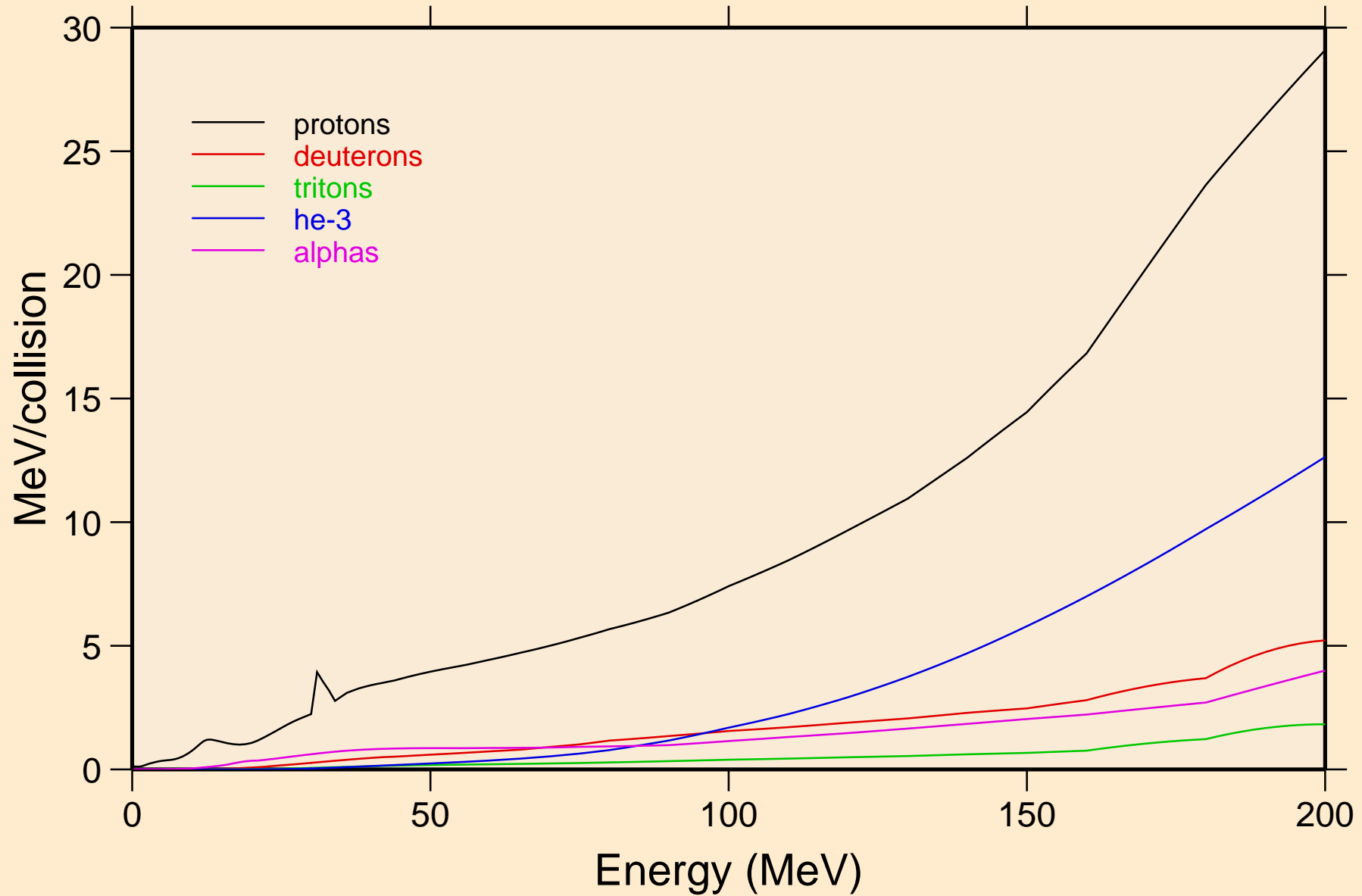
# EU143 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



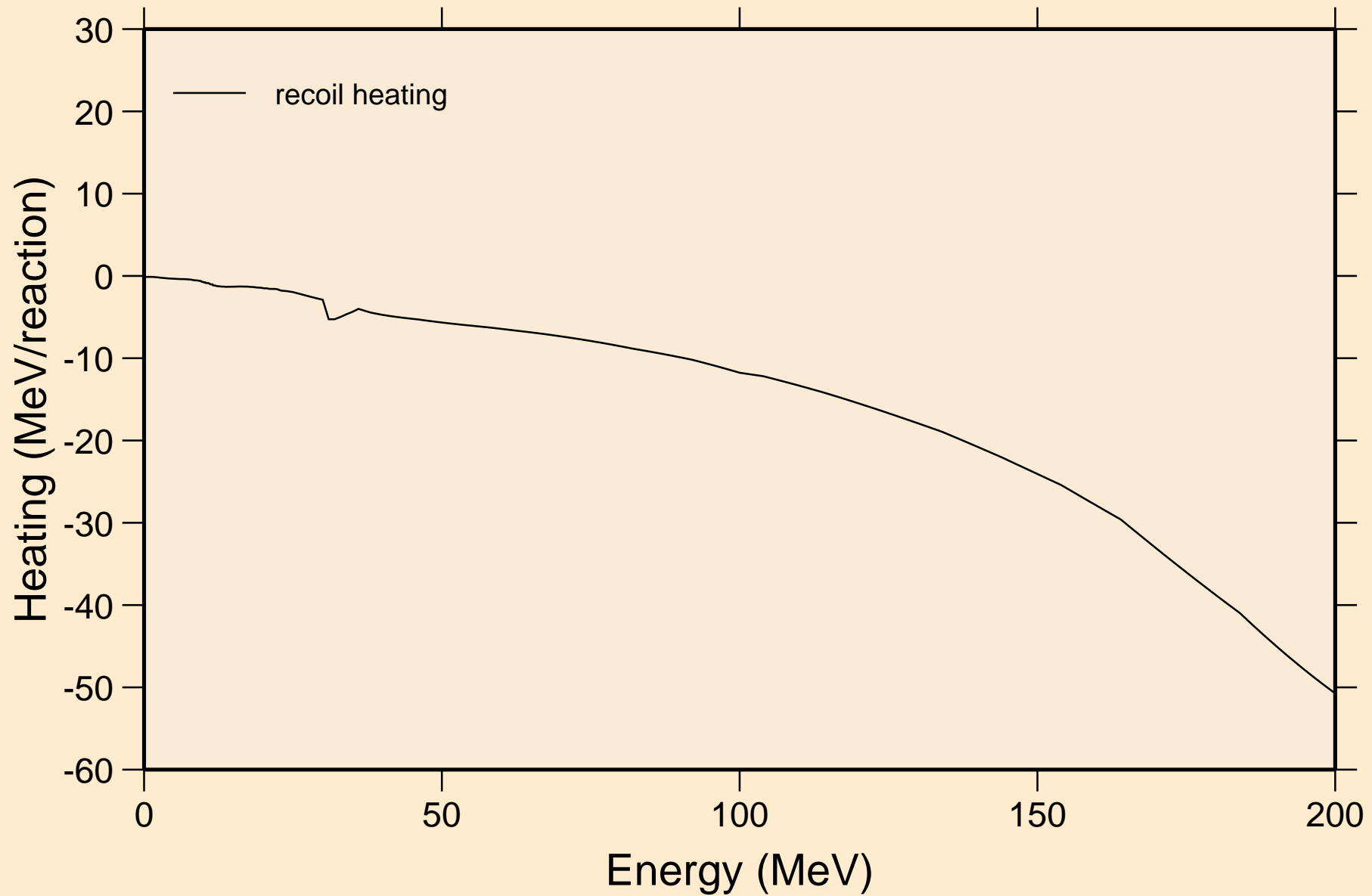
# EU143 NRG TENDL-2015, AKONING

## Particle heating contributions



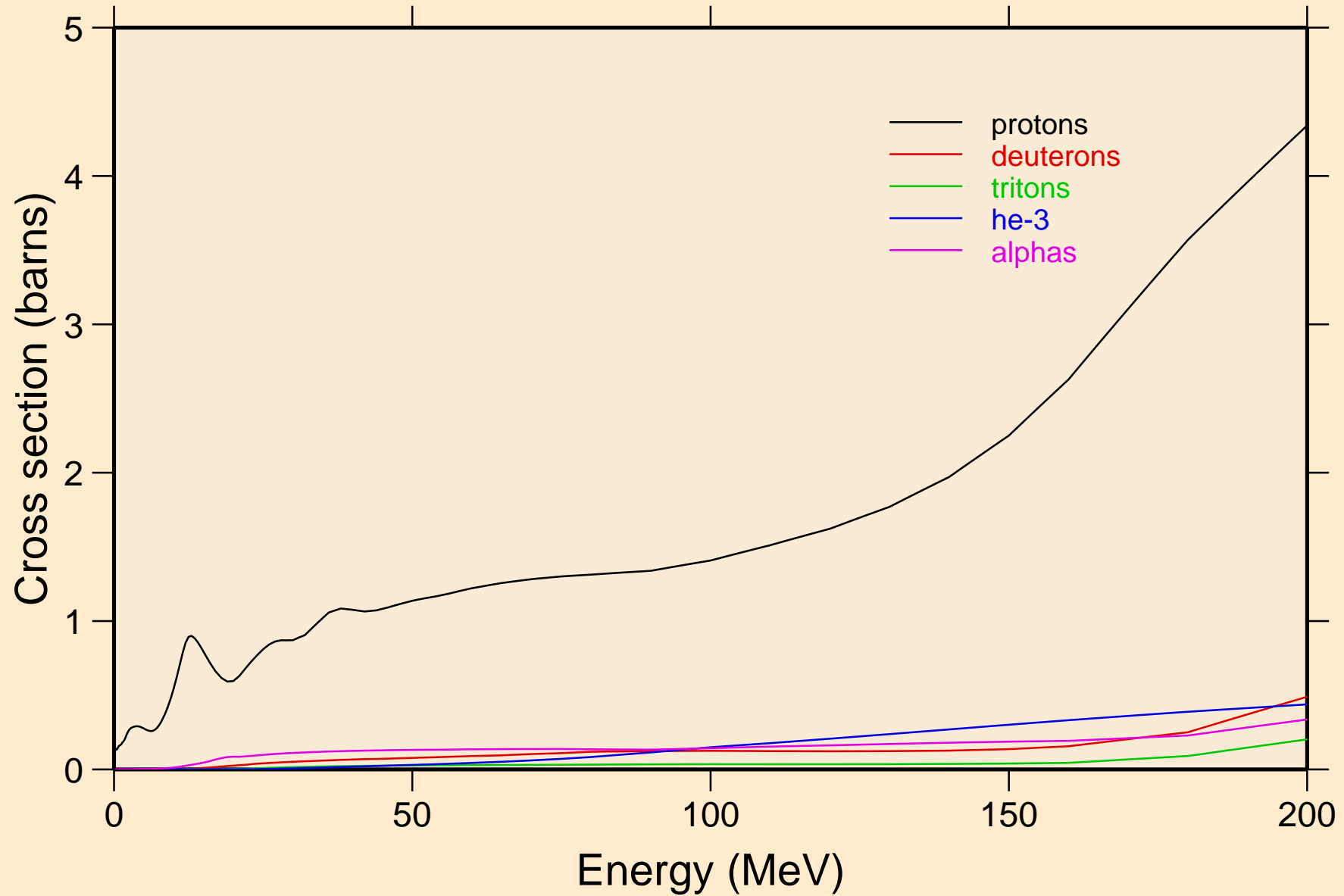
# EU143 NRG TENDL-2015, AKONING

## Recoil Heating

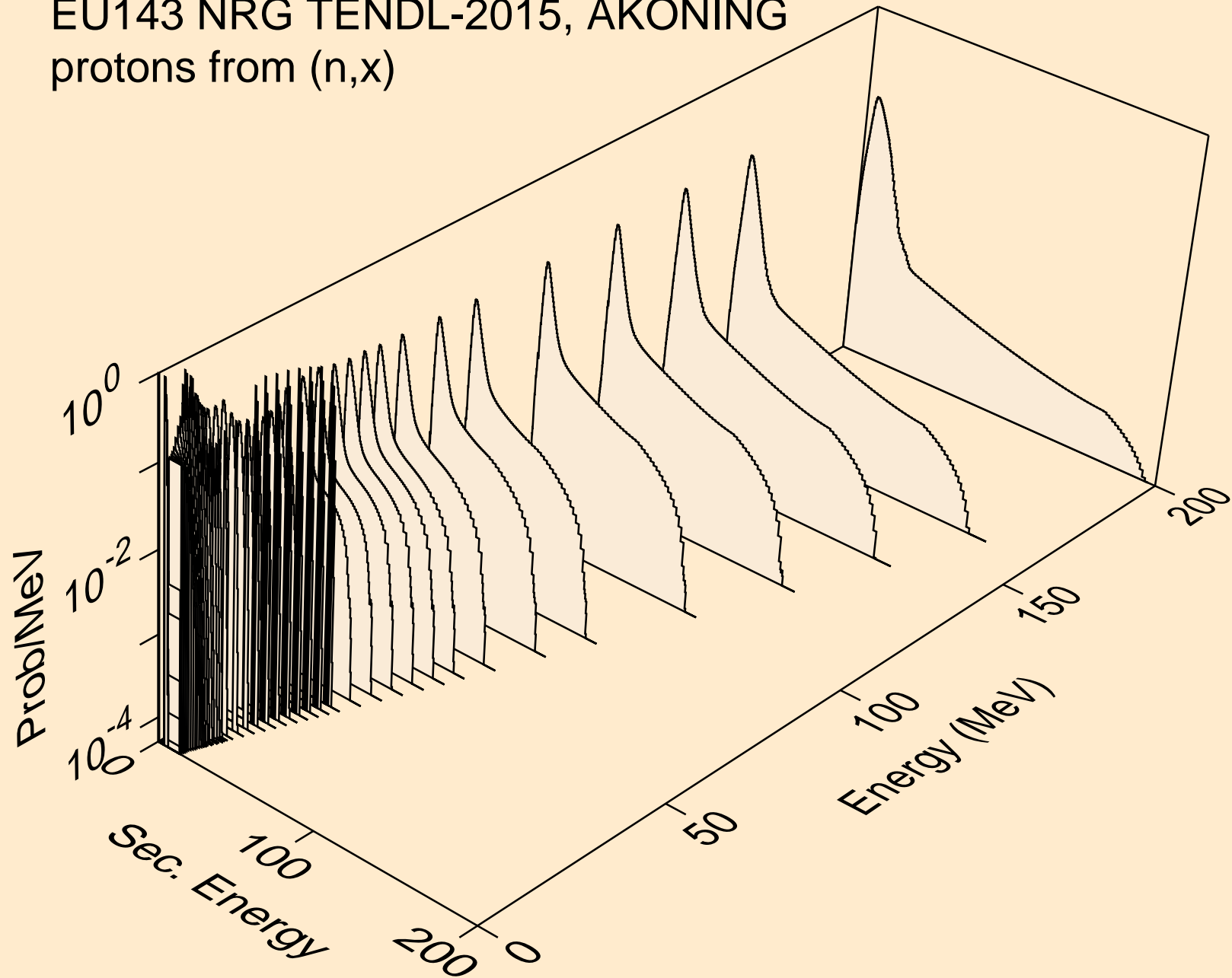


# EU143 NRG TENDL-2015, AKONING

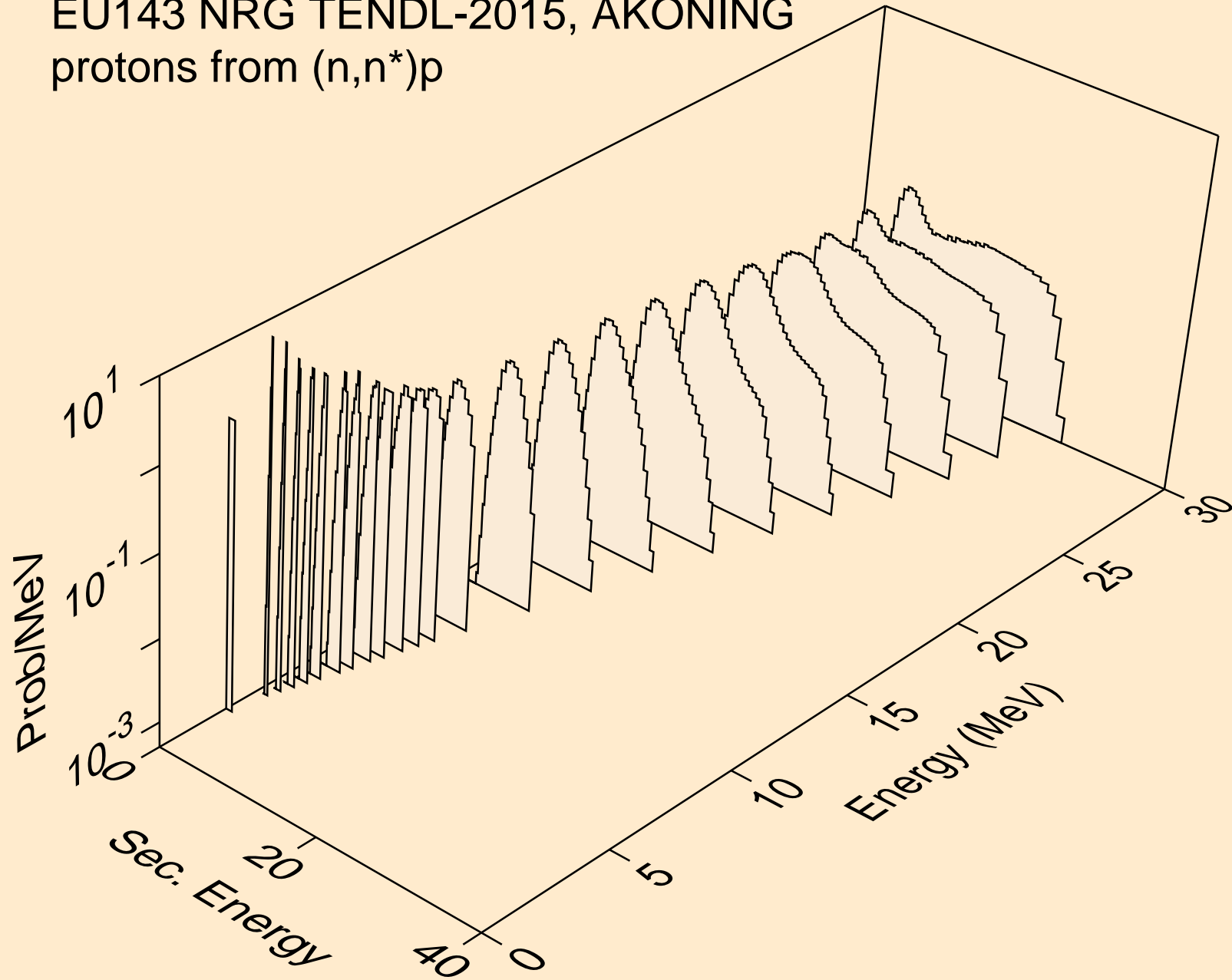
## Particle production cross sections



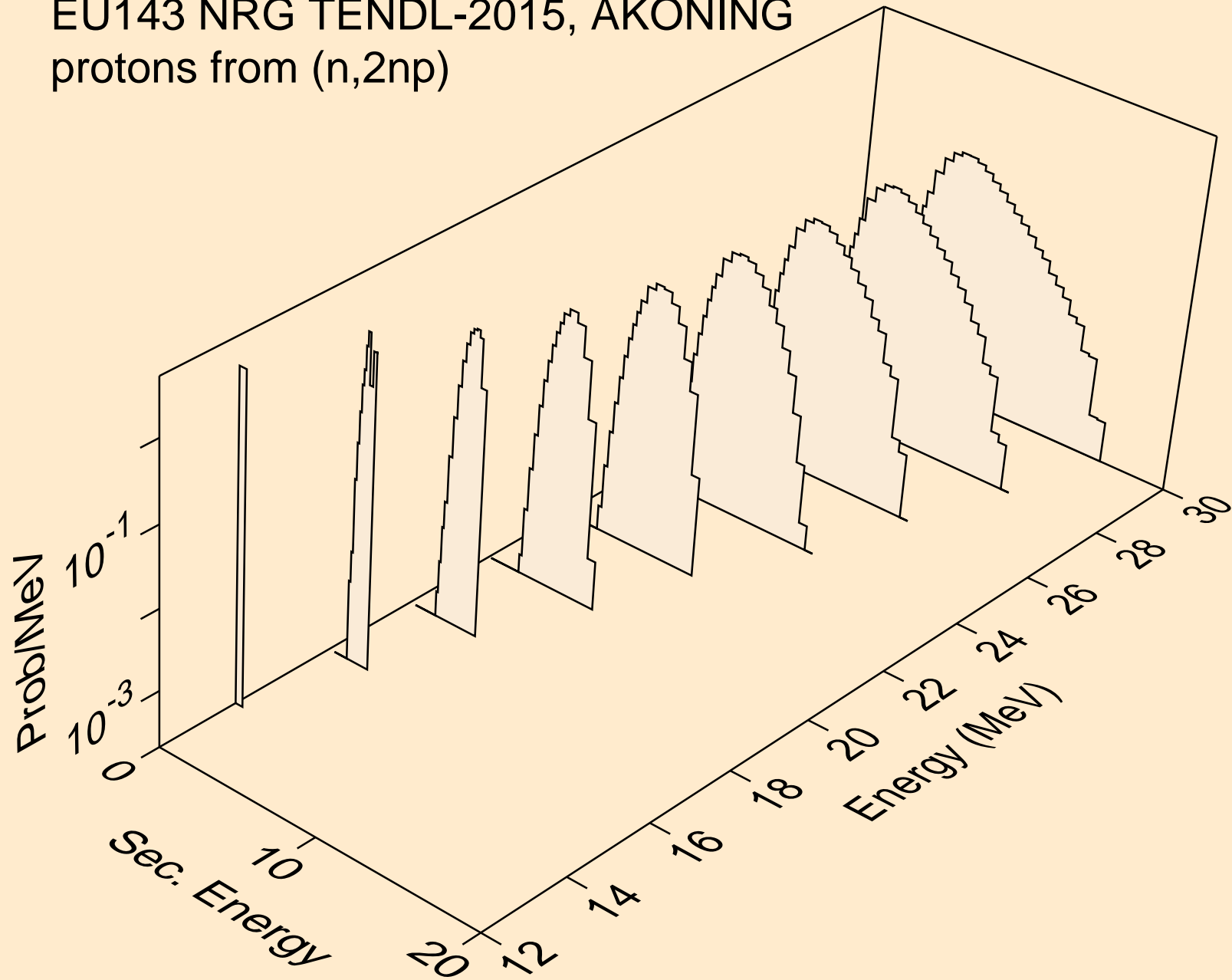
EU143 NRG TENDL-2015, AKONING  
protons from (n,x)



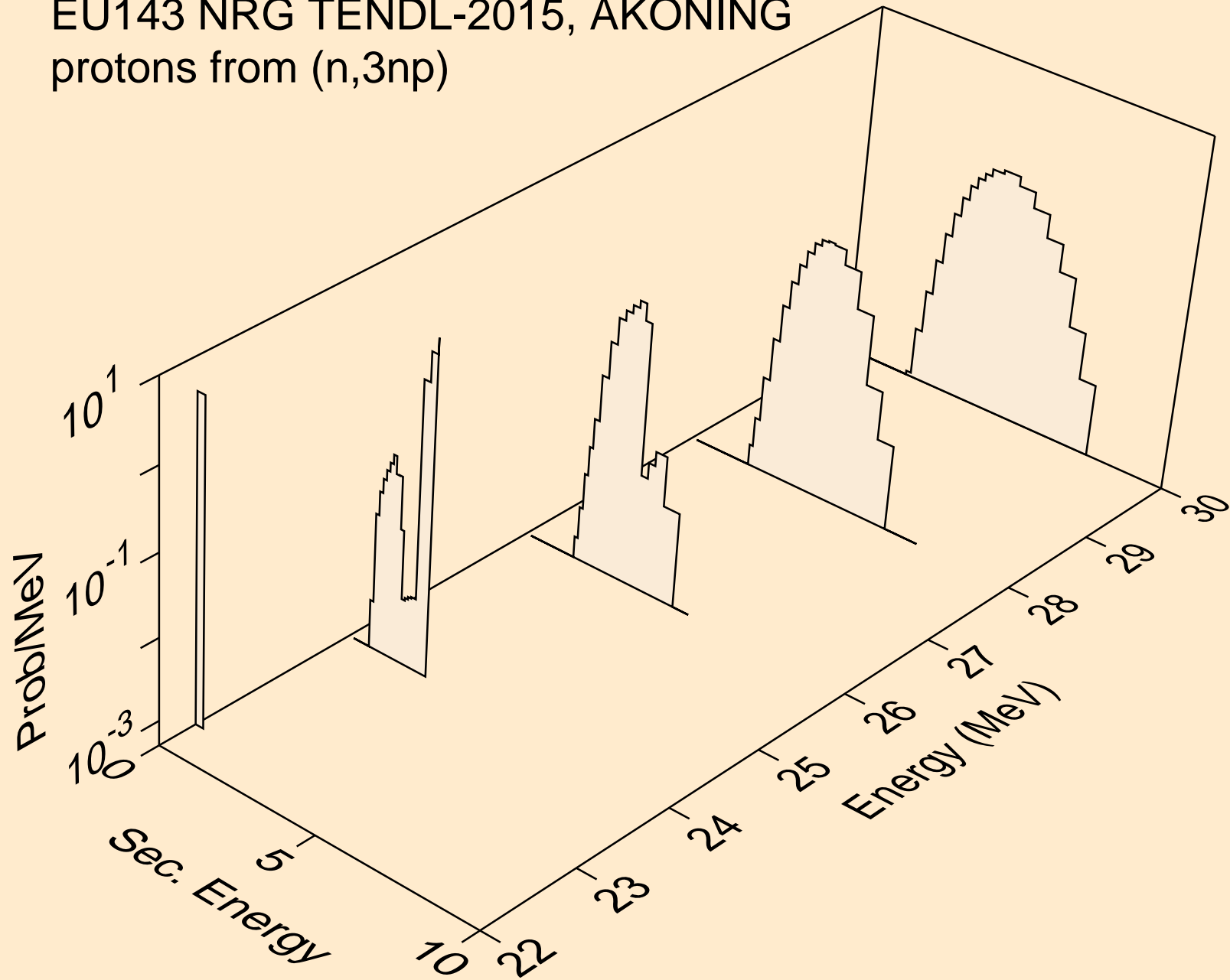
EU143 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



EU143 NRG TENDL-2015, AKONING  
protons from (n,2np)

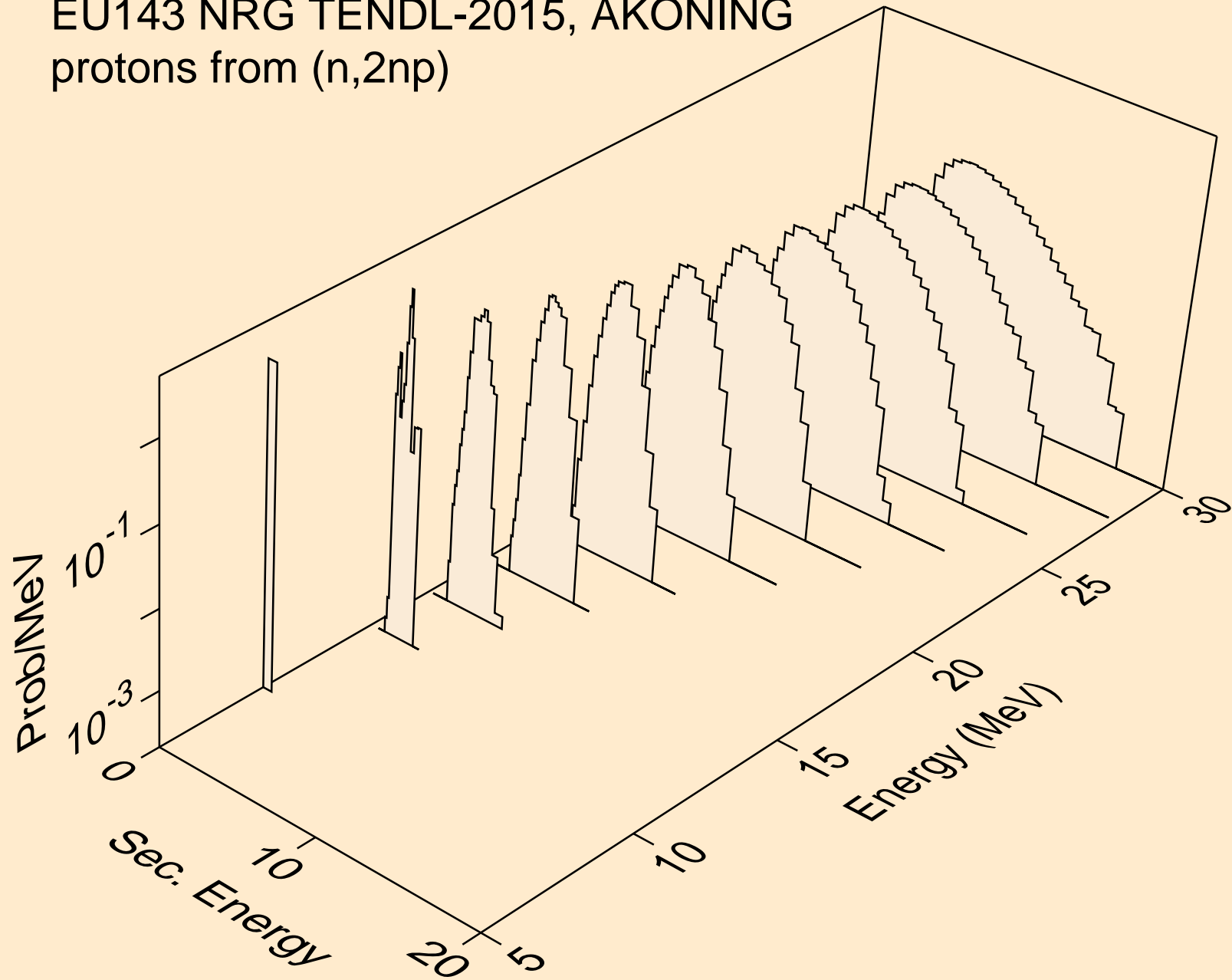


EU143 NRG TENDL-2015, AKONING  
protons from (n,3np)

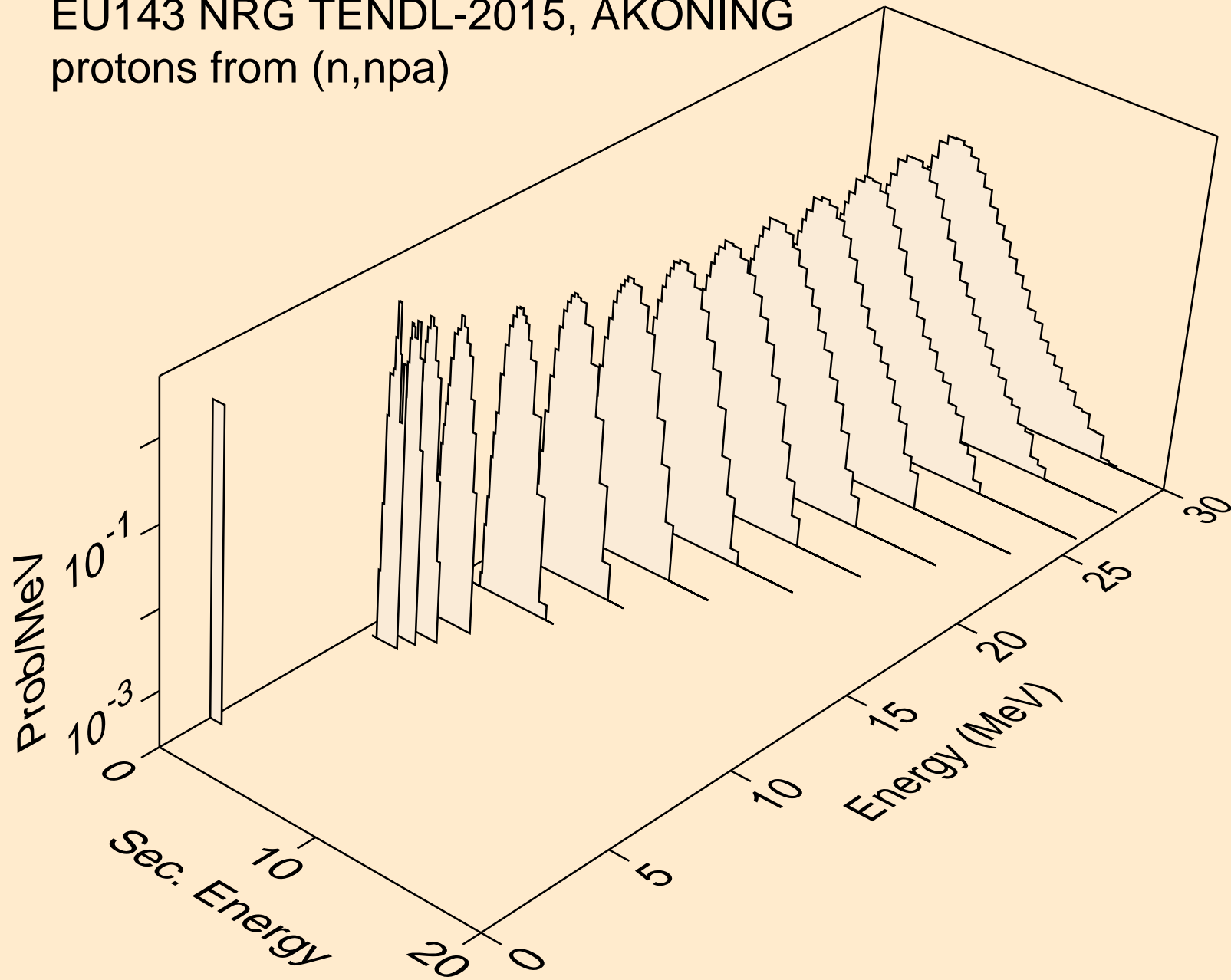




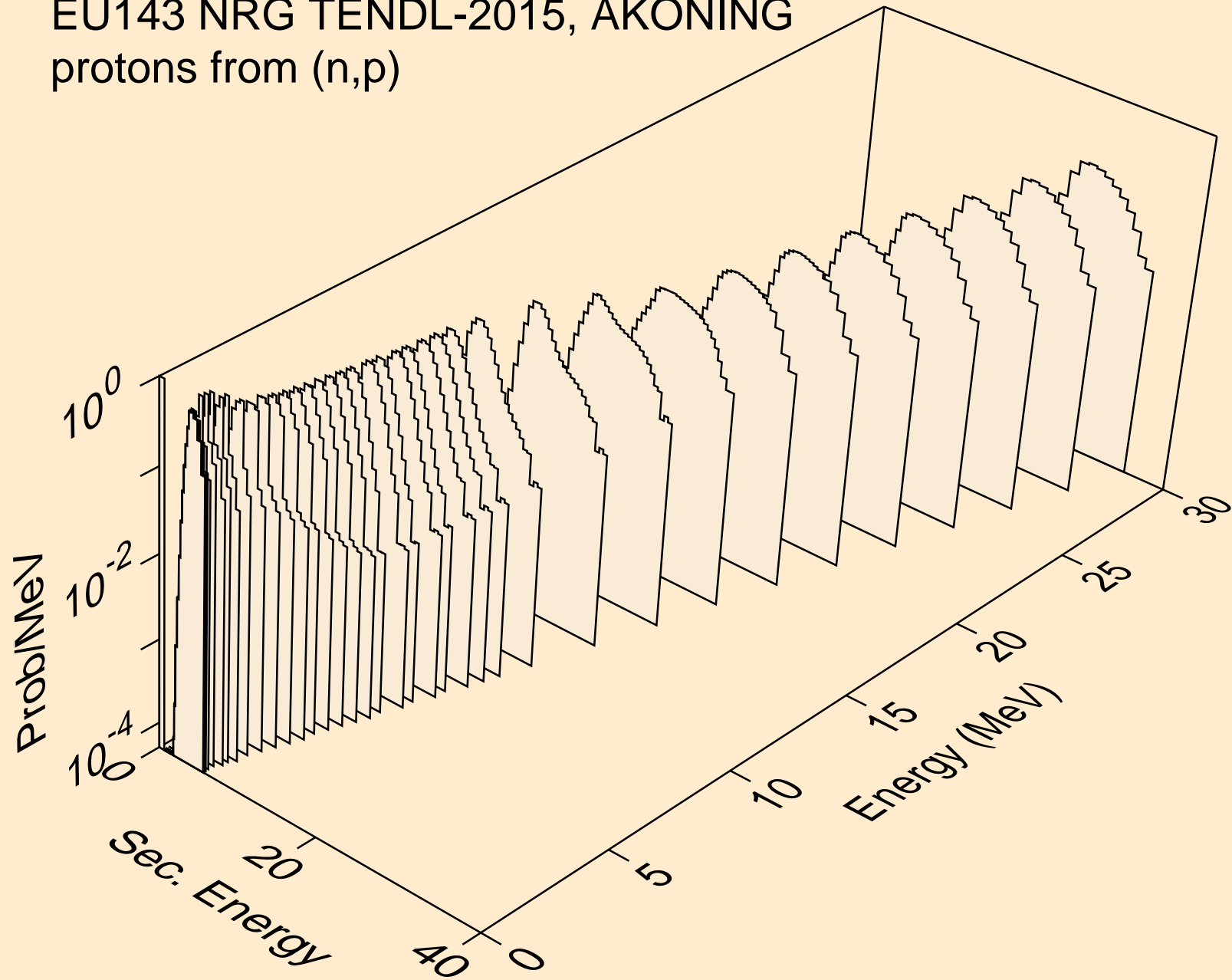
EU143 NRG TENDL-2015, AKONING  
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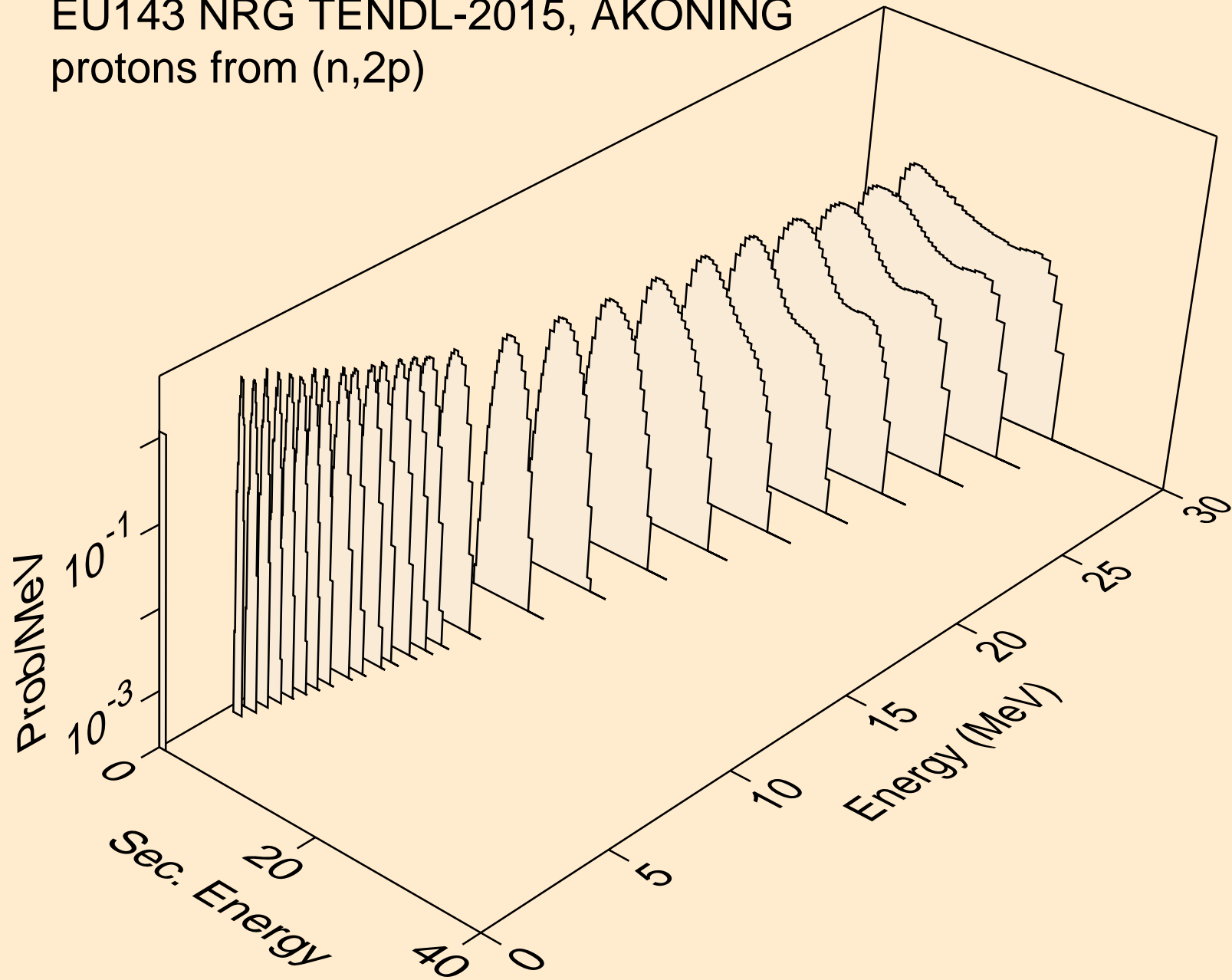
EU143 NRG TENDL-2015, AKONING  
protons from (n,npa)



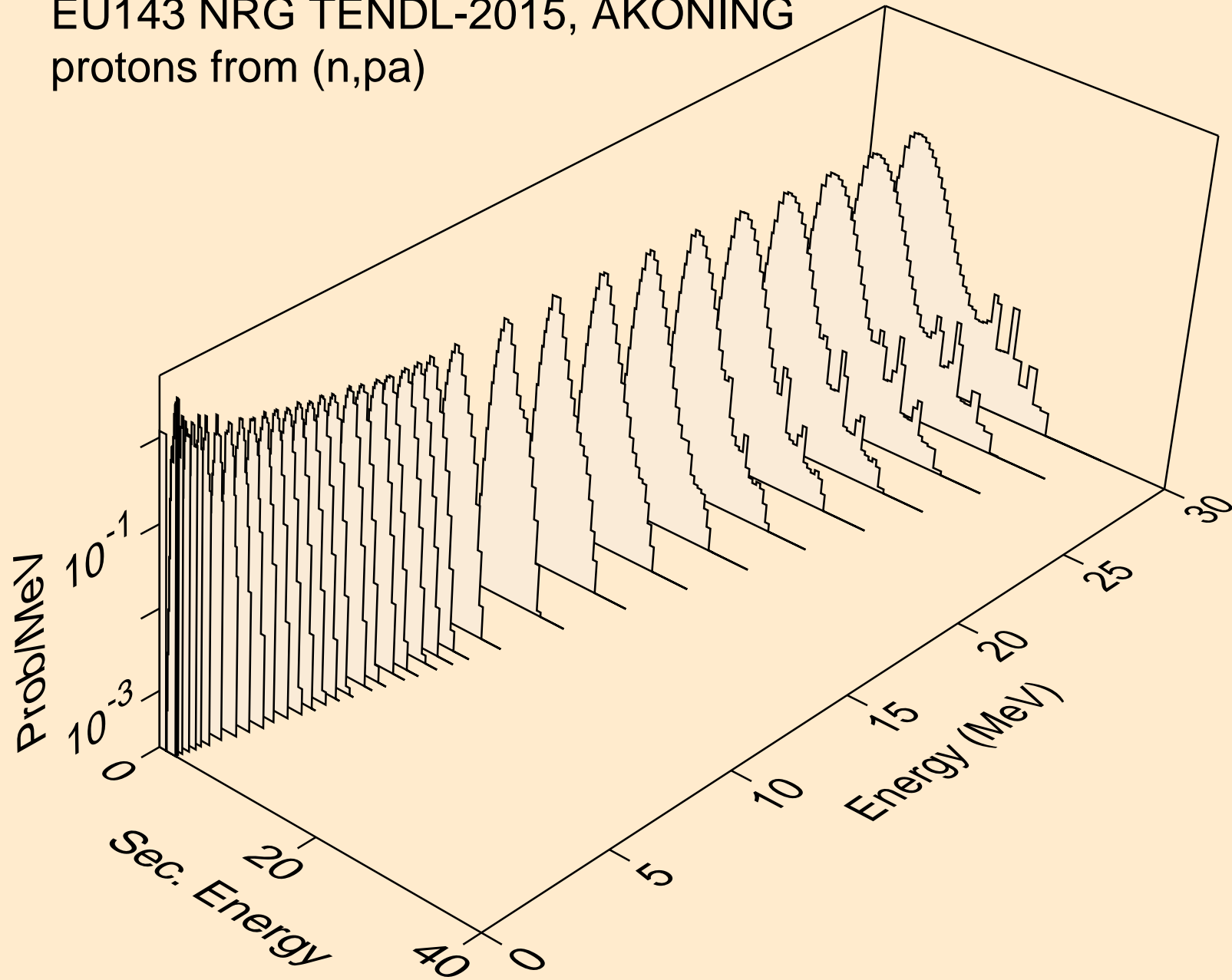
EU143 NRG TENDL-2015, AKONING  
protons from (n,p)



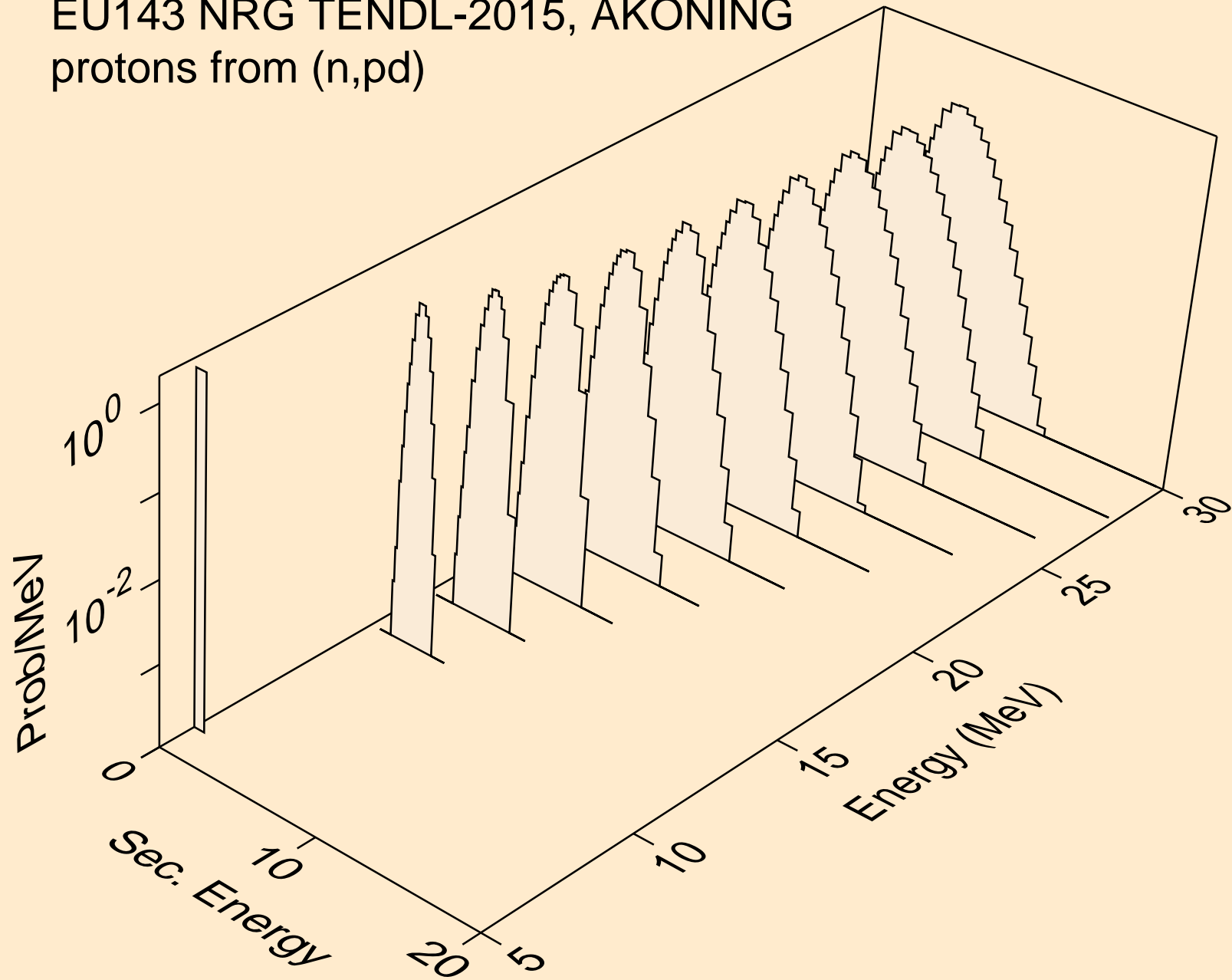
EU143 NRG TENDL-2015, AKONING  
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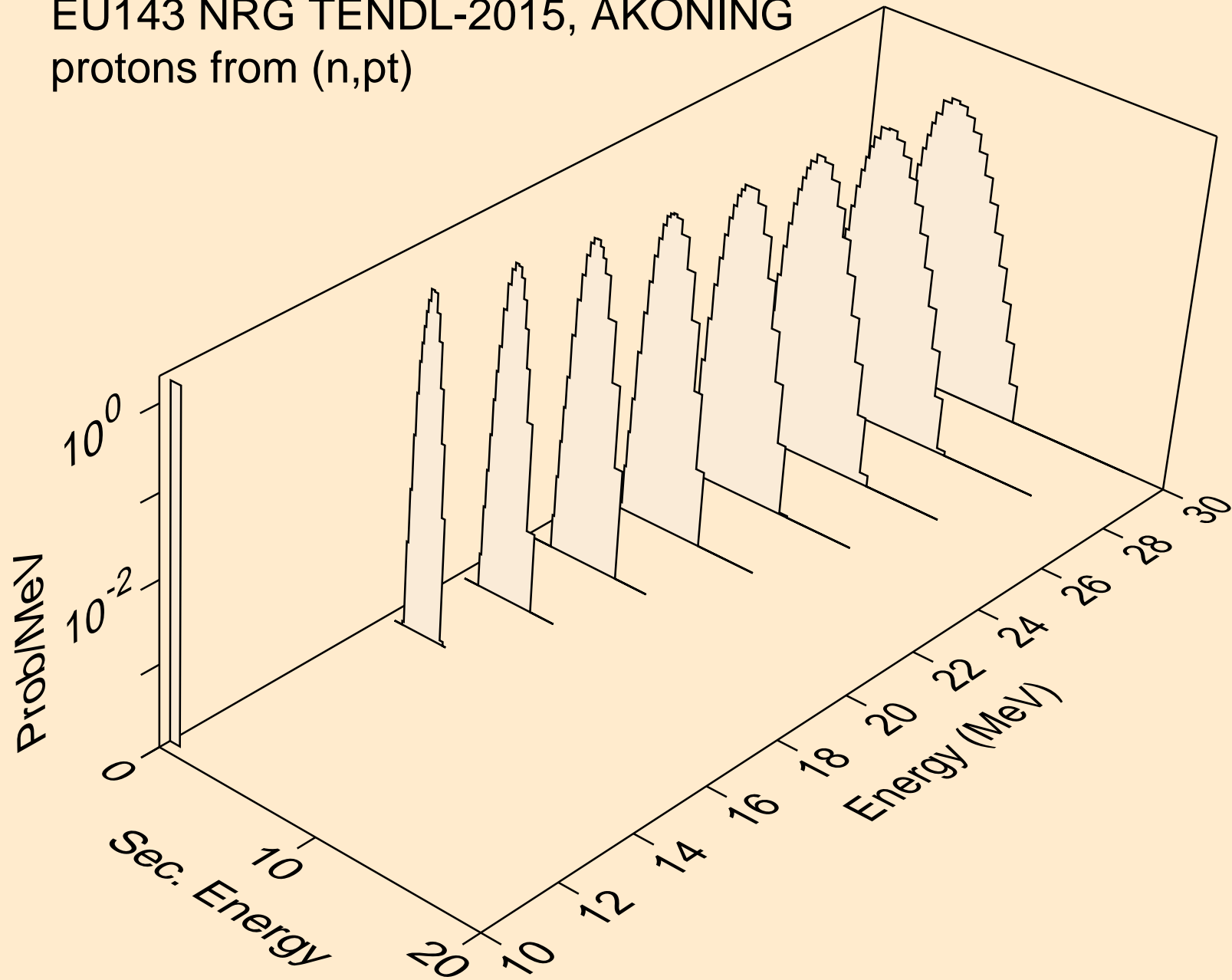
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protons from (n,pa)



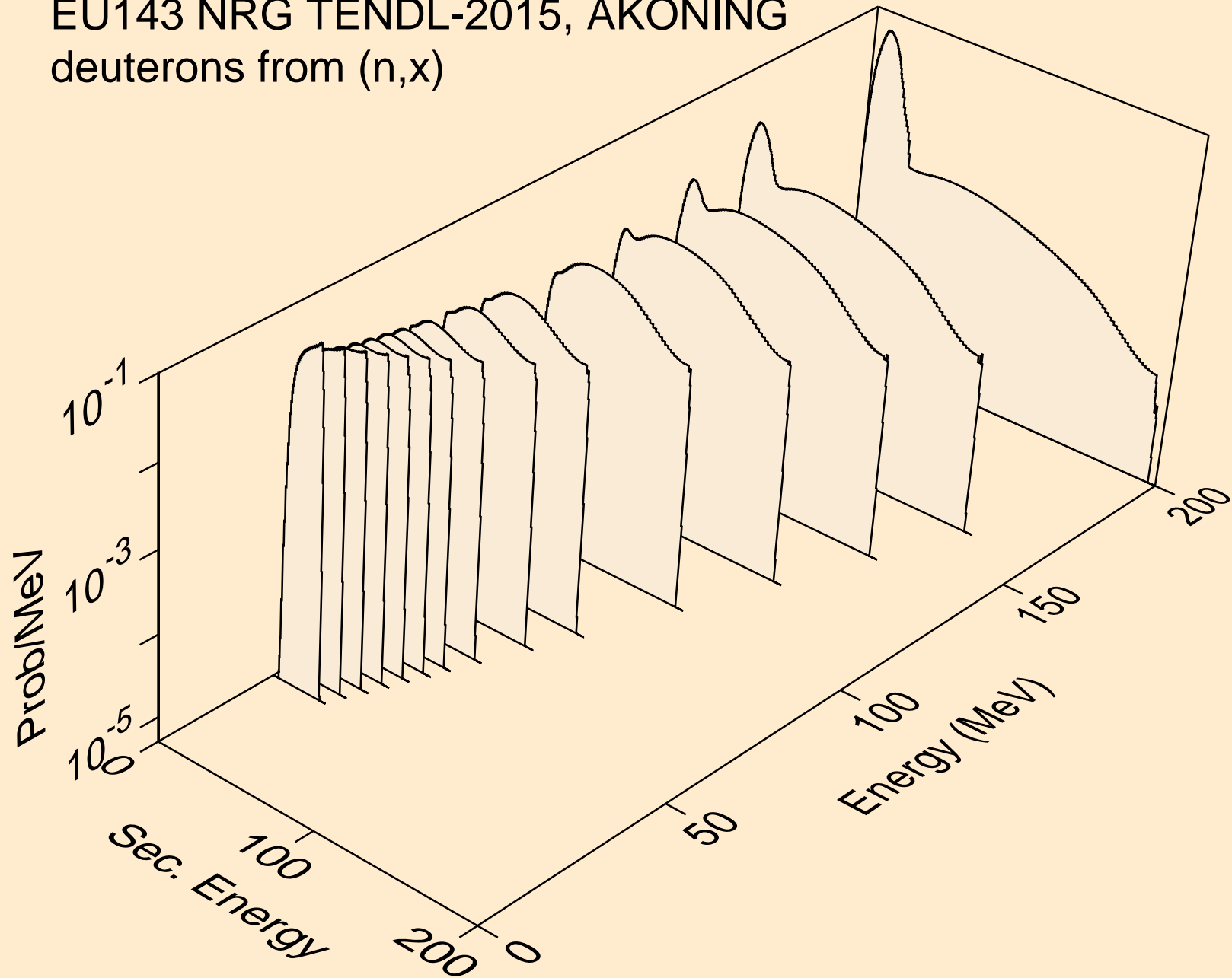
EU143 NRG TENDL-2015, AKONING  
protons from (n,pd)



EU143 NRG TENDL-2015, AKONING  
protons from (n,pt)

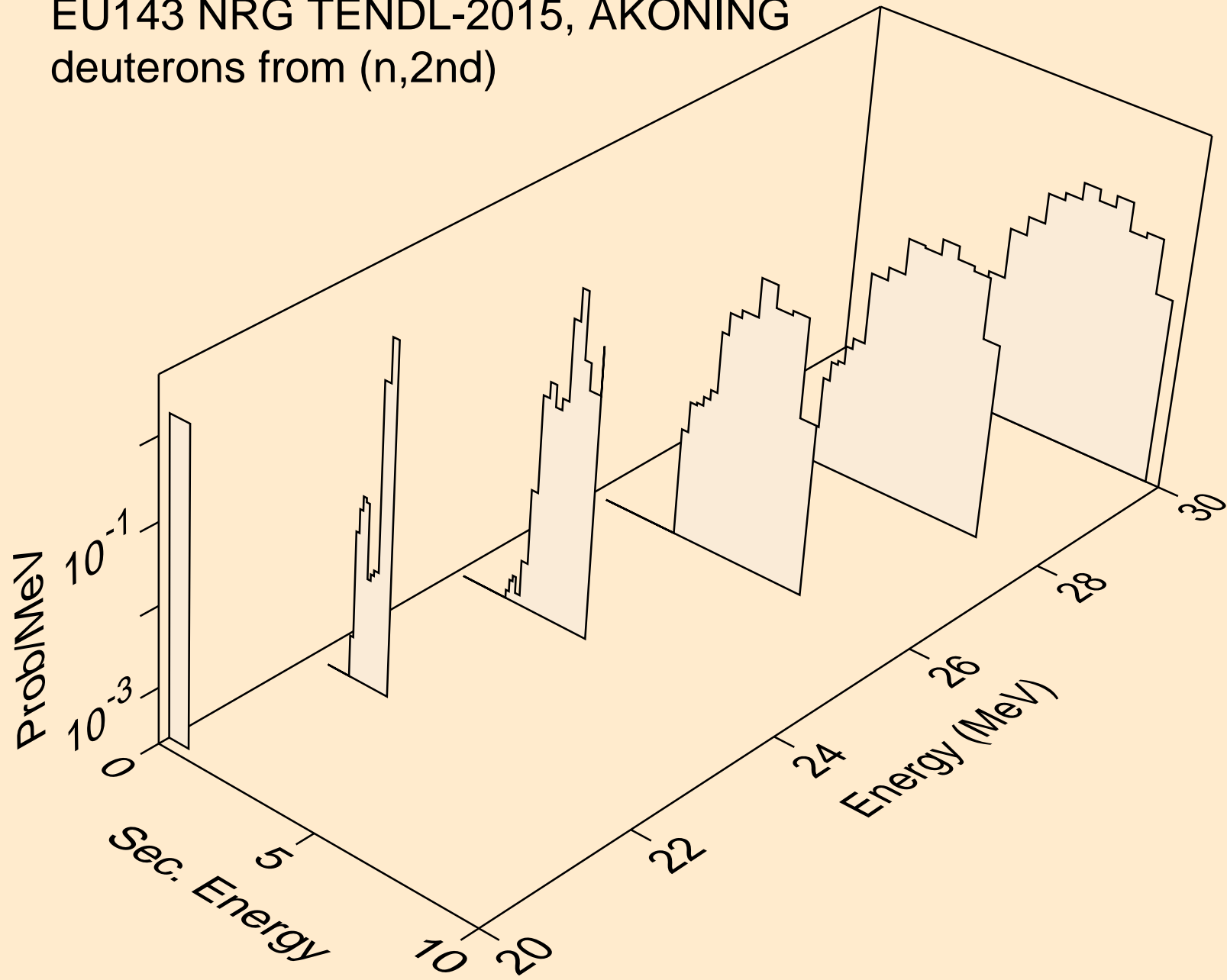


EU143 NRG TENDL-2015, AKONING  
deuterons from (n,x)

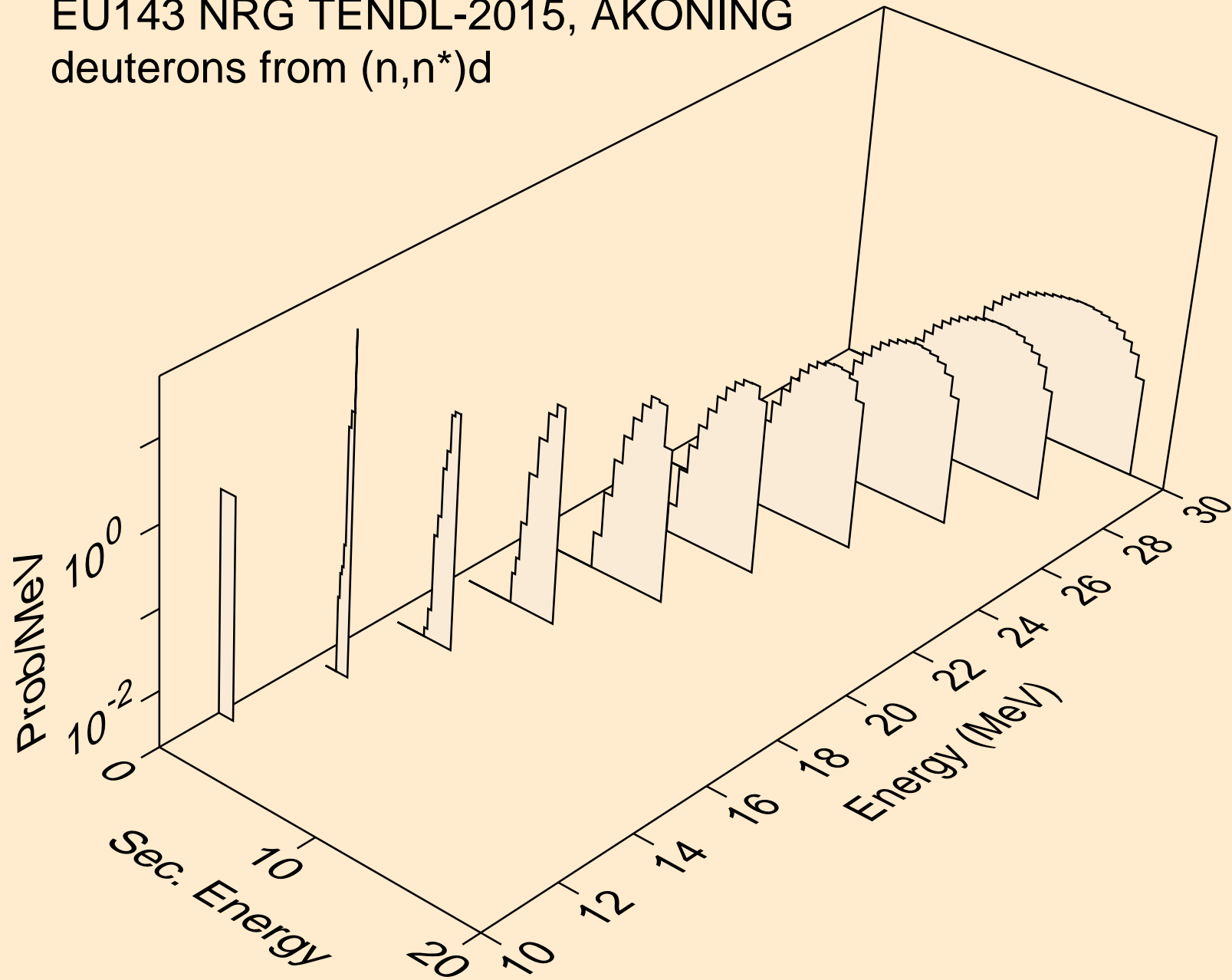




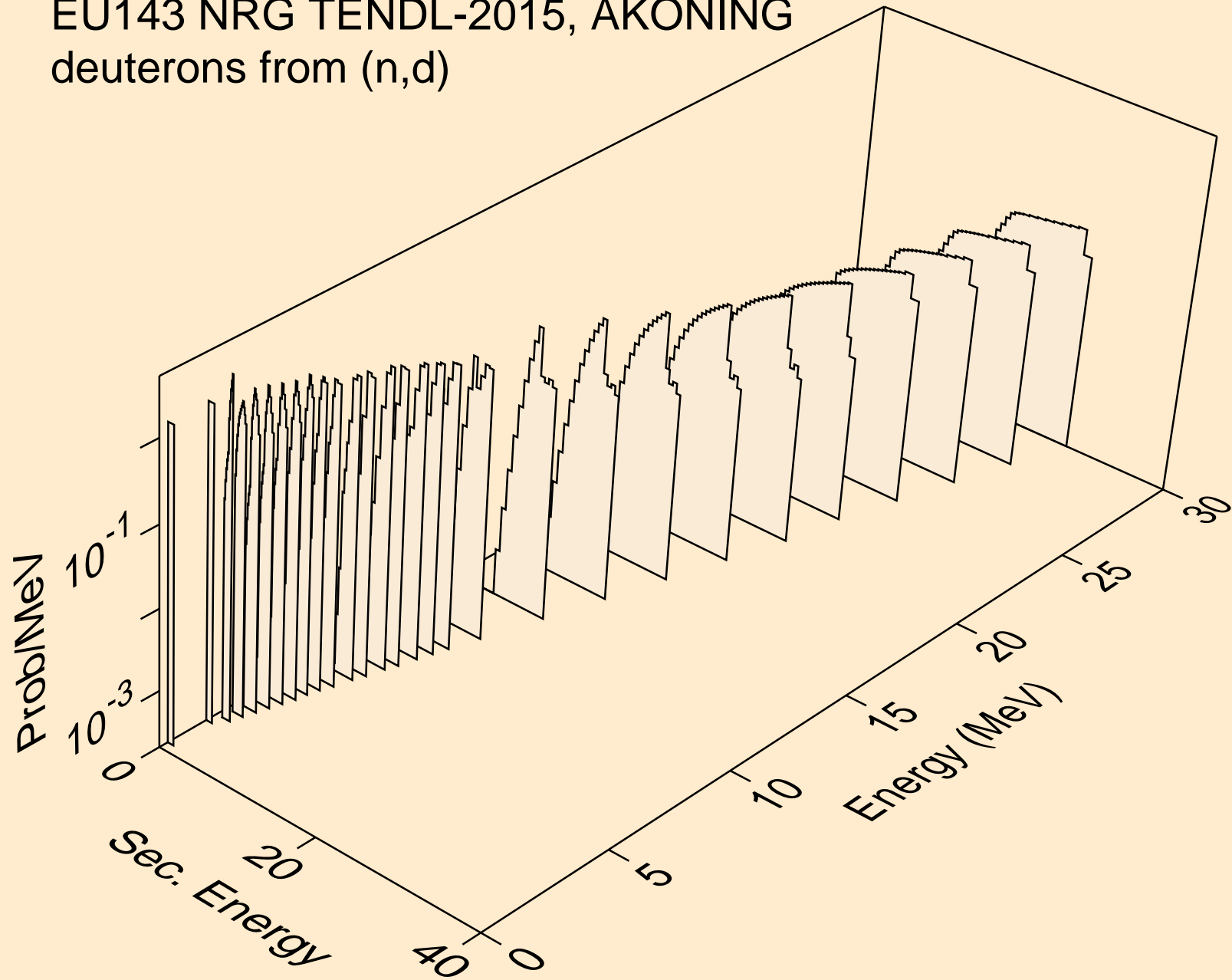
EU143 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



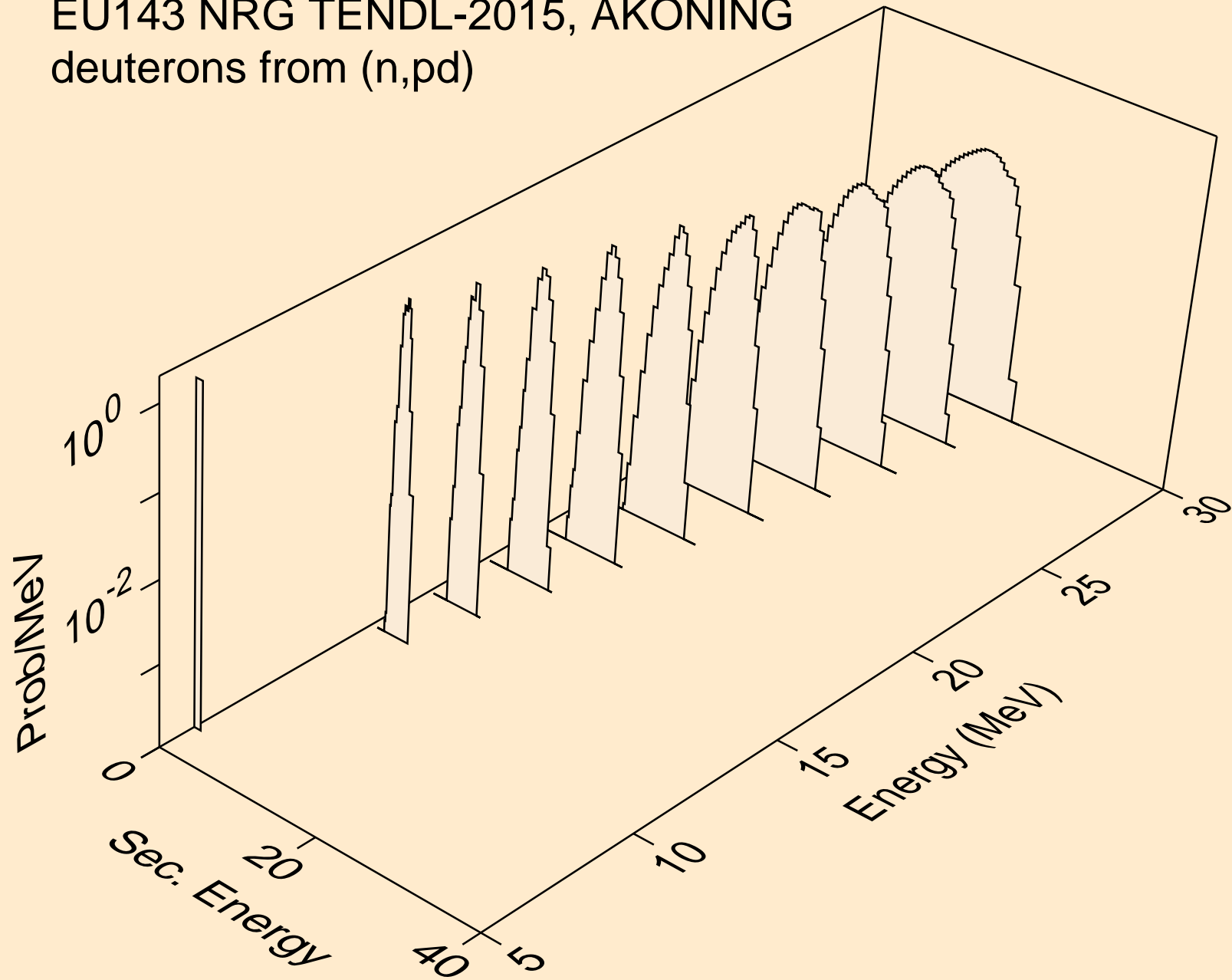
EU143 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



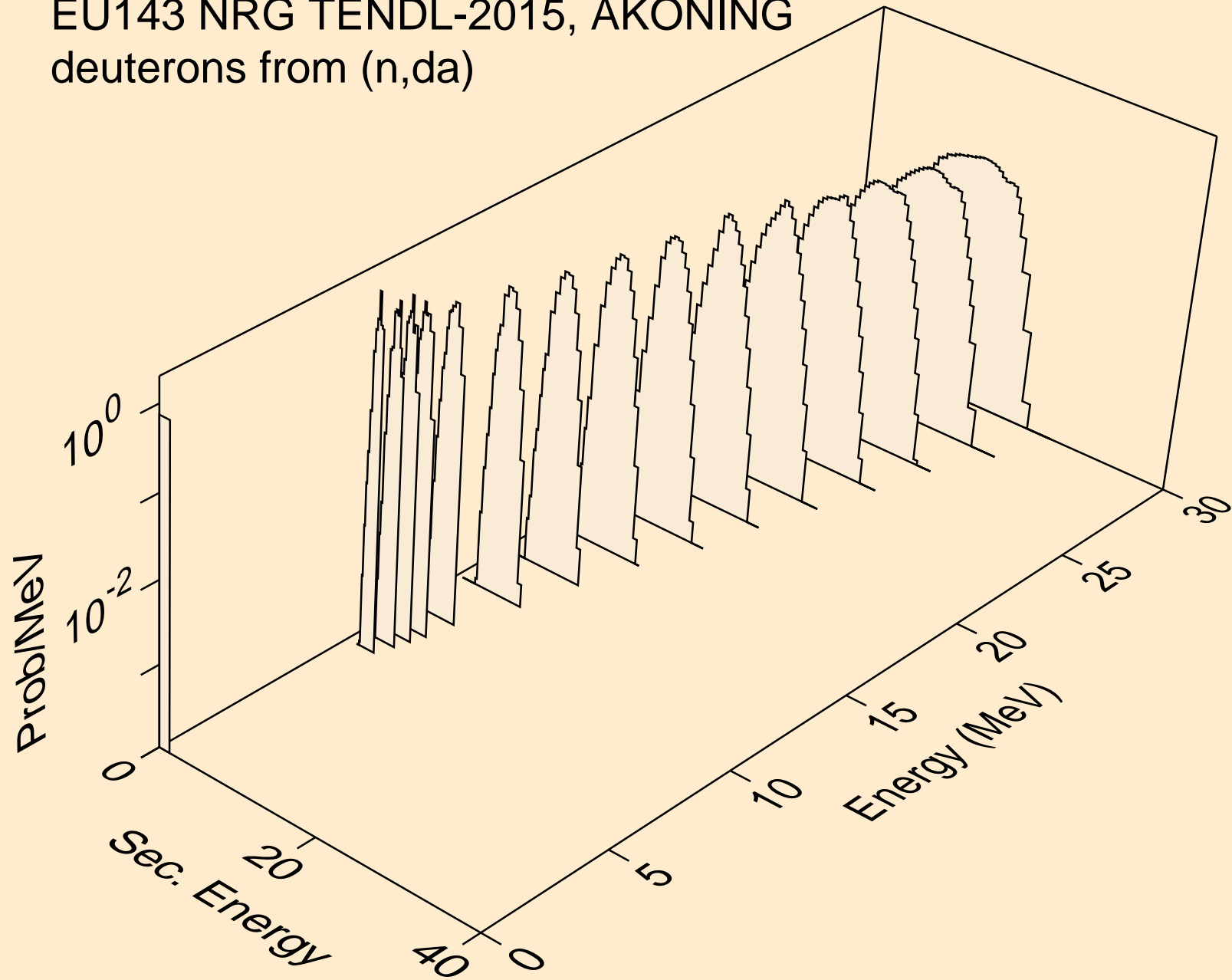
EU143 NRG TENDL-2015, AKONING  
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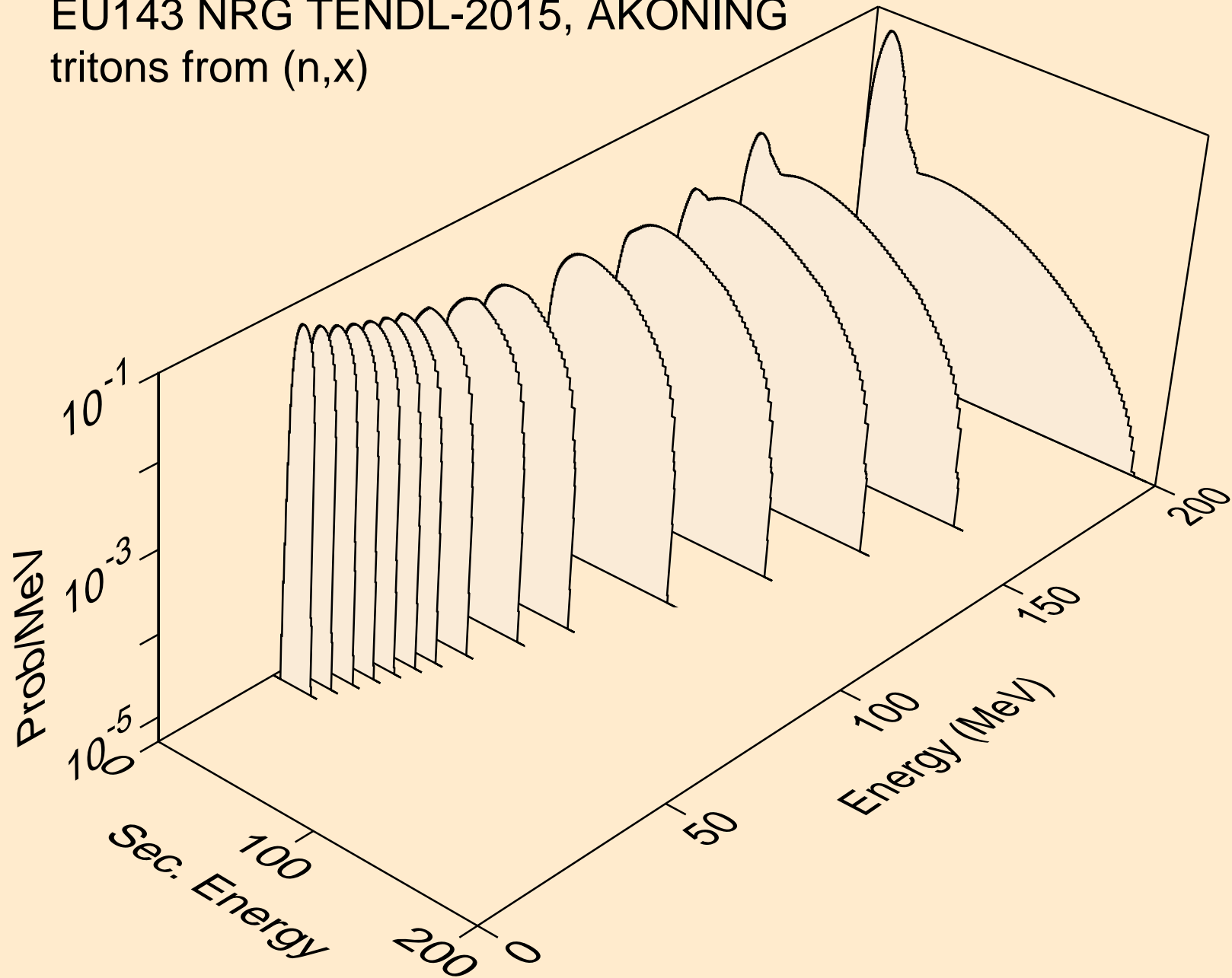
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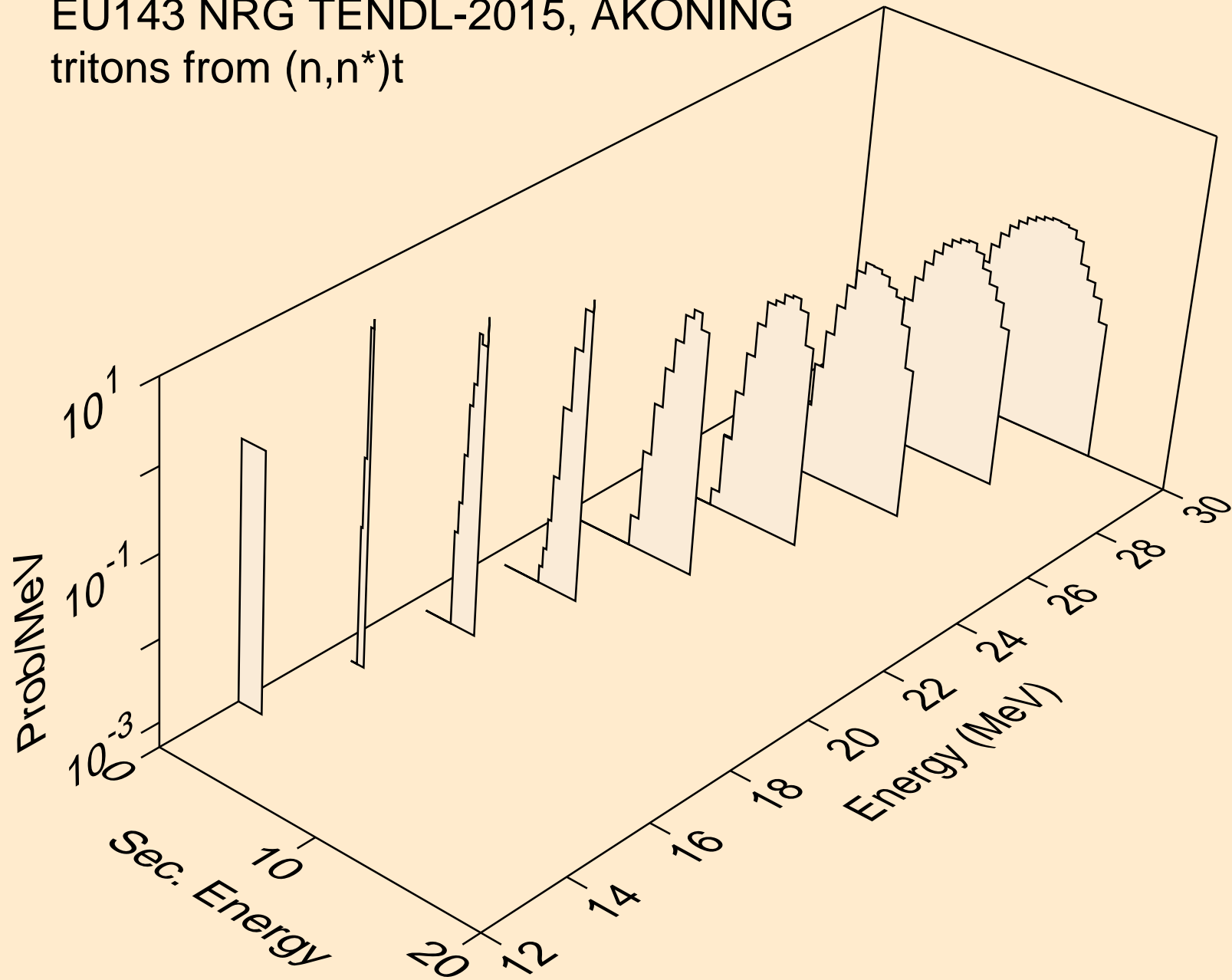
EU143 NRG TENDL-2015, AKONING  
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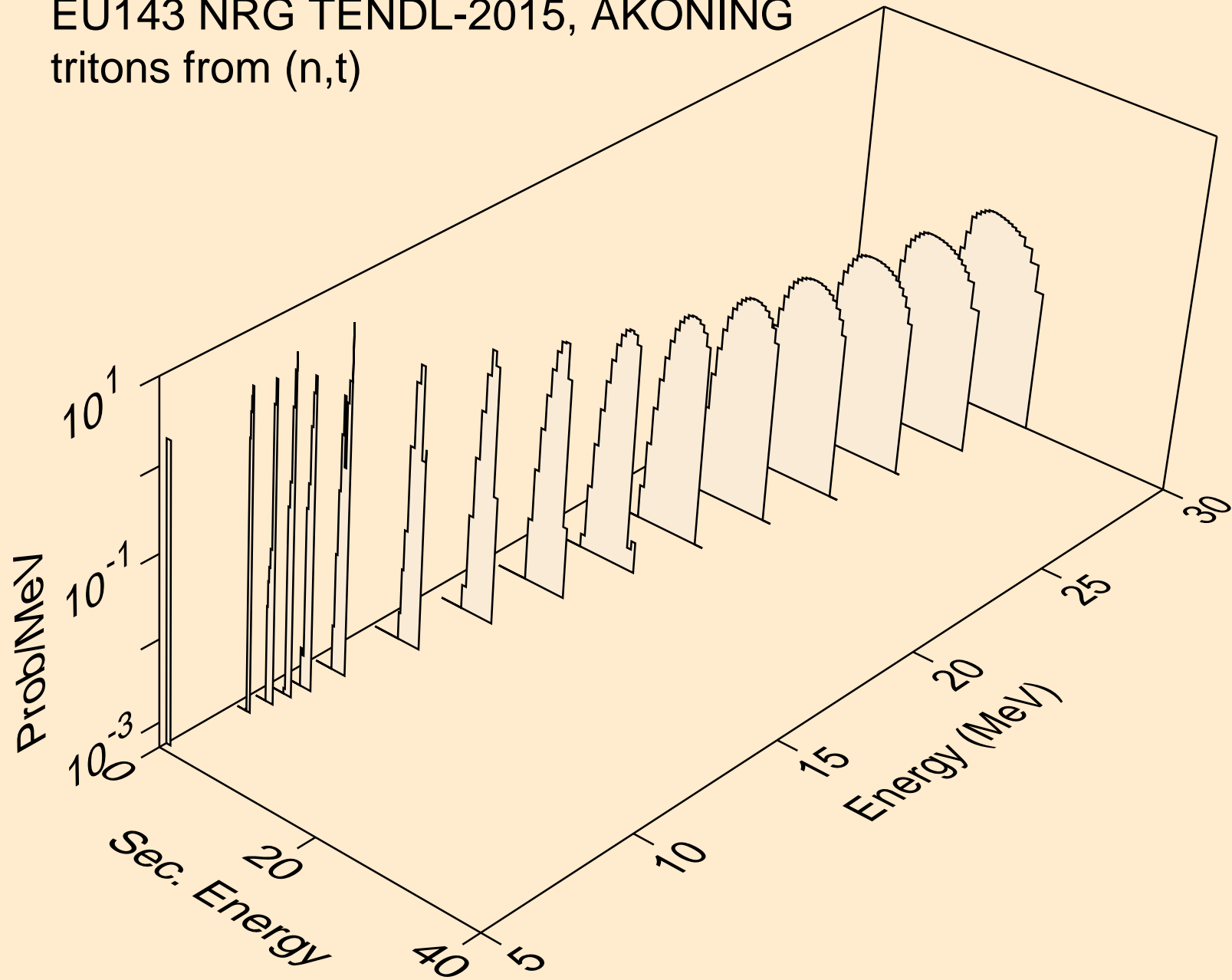
EU143 NRG TENDL-2015, AKONING  
tritons from (n,x)



EU143 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

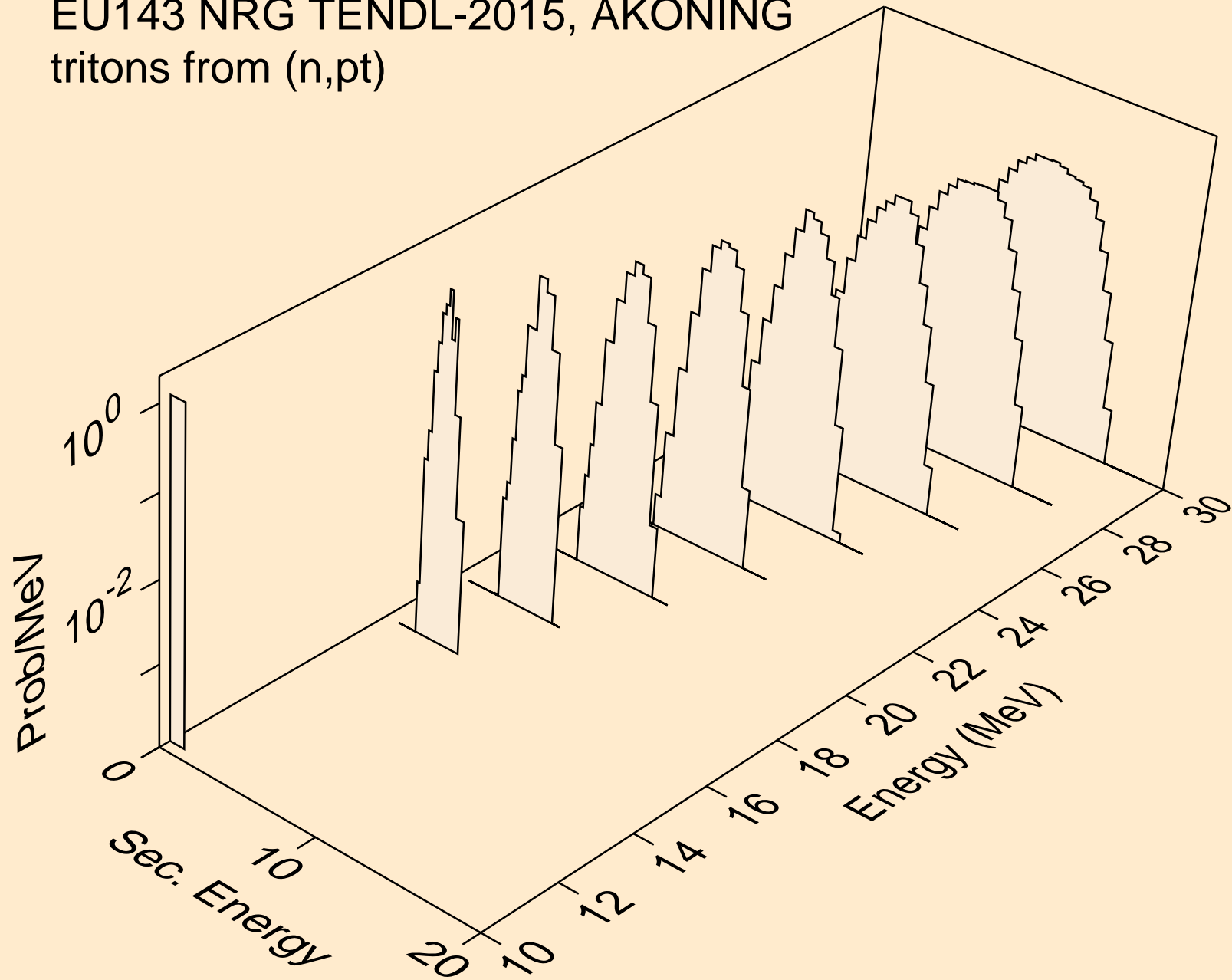


EU143 NRG TENDL-2015, AKONING  
tritons from (n,t)

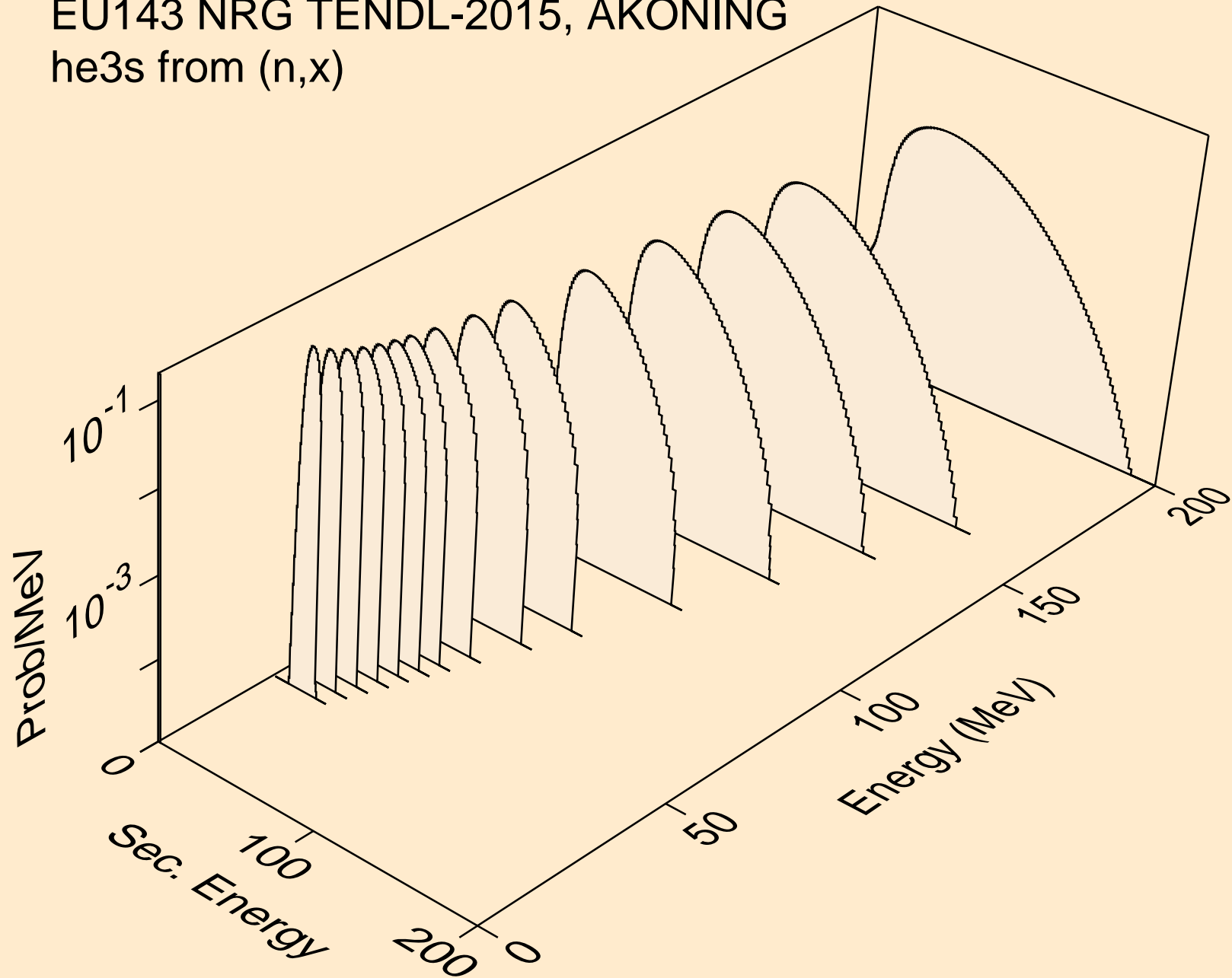




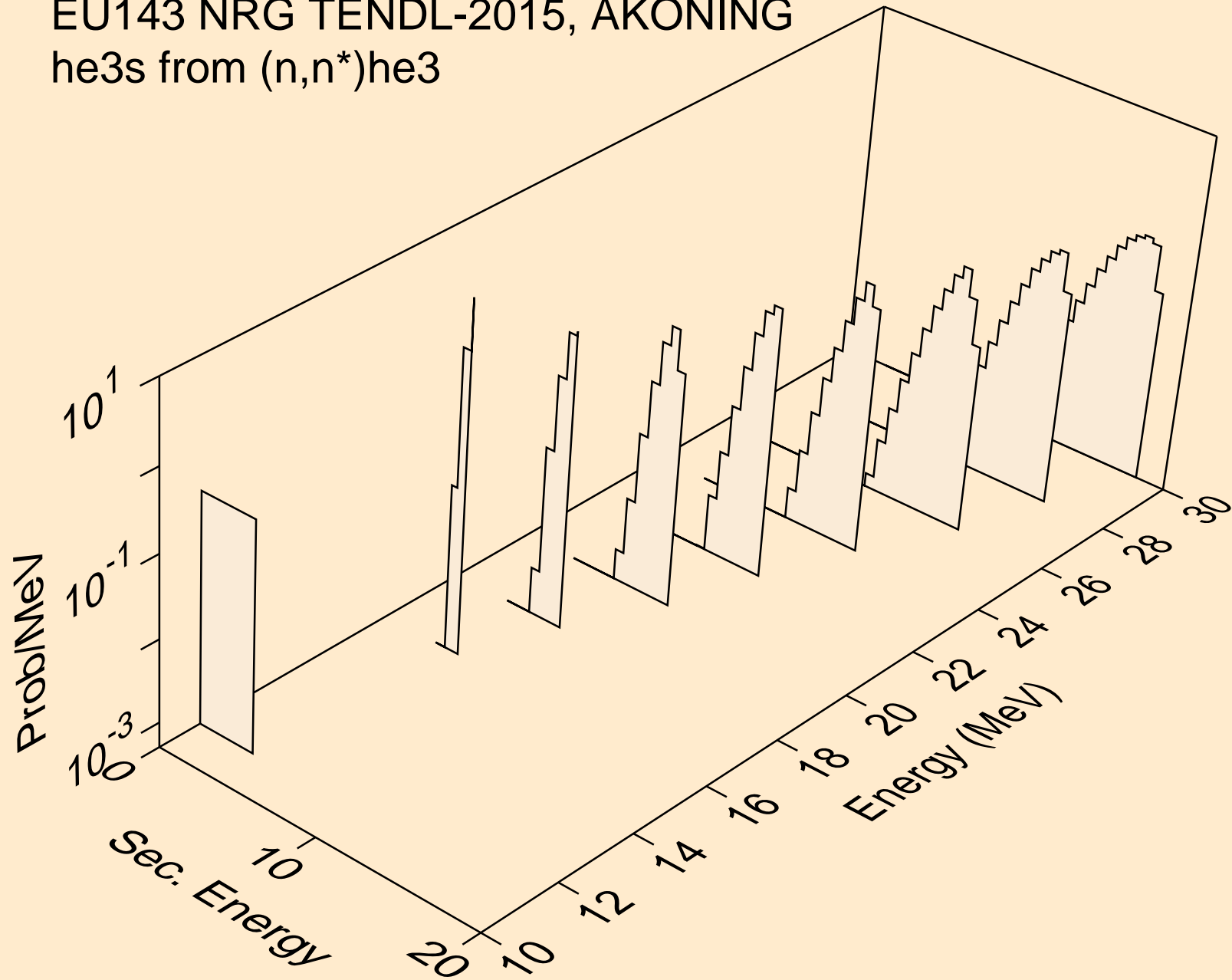
EU143 NRG TENDL-2015, AKONING  
tritons from (n,pt)



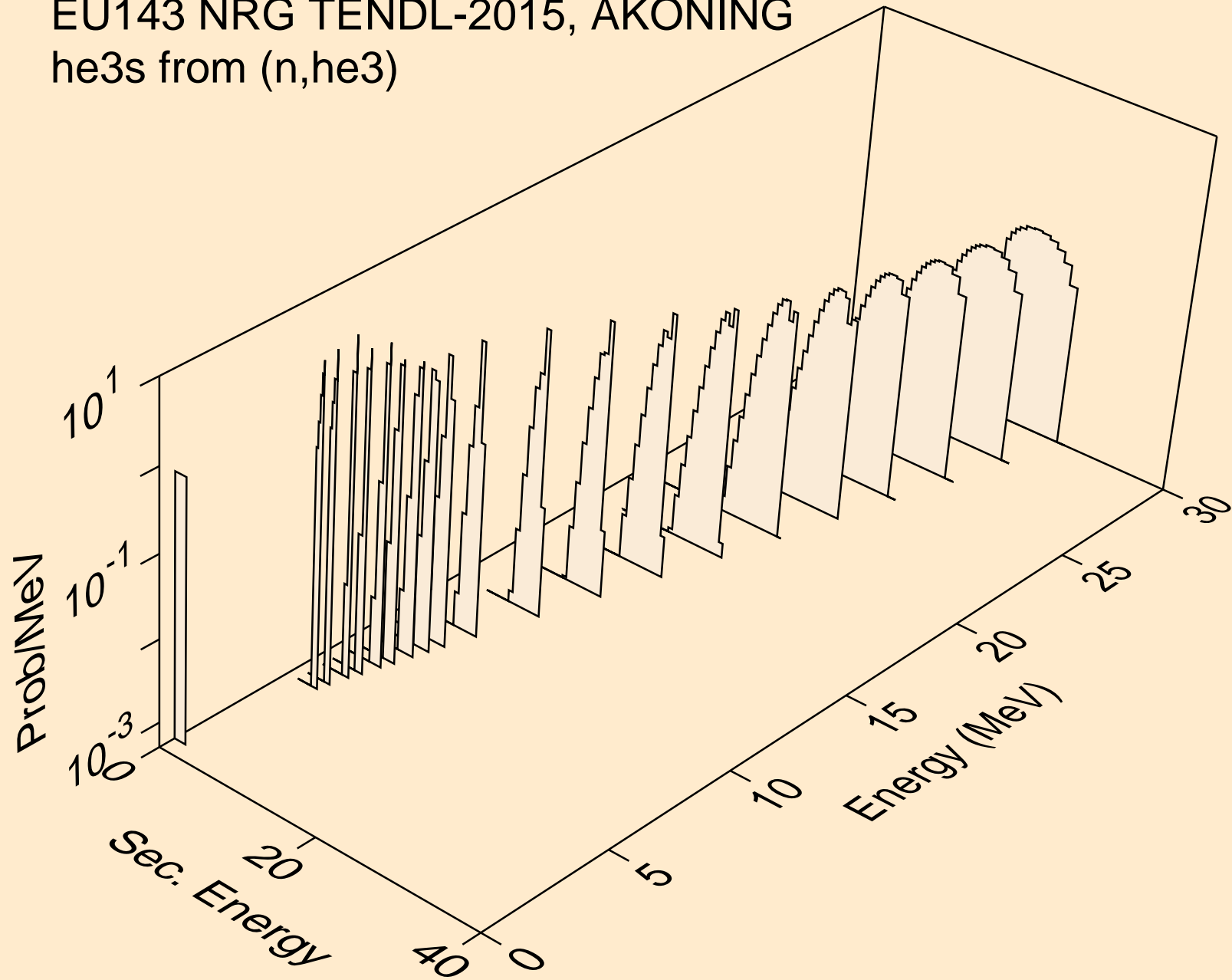
EU143 NRG TENDL-2015, AKONING  
he3s from (n,x)



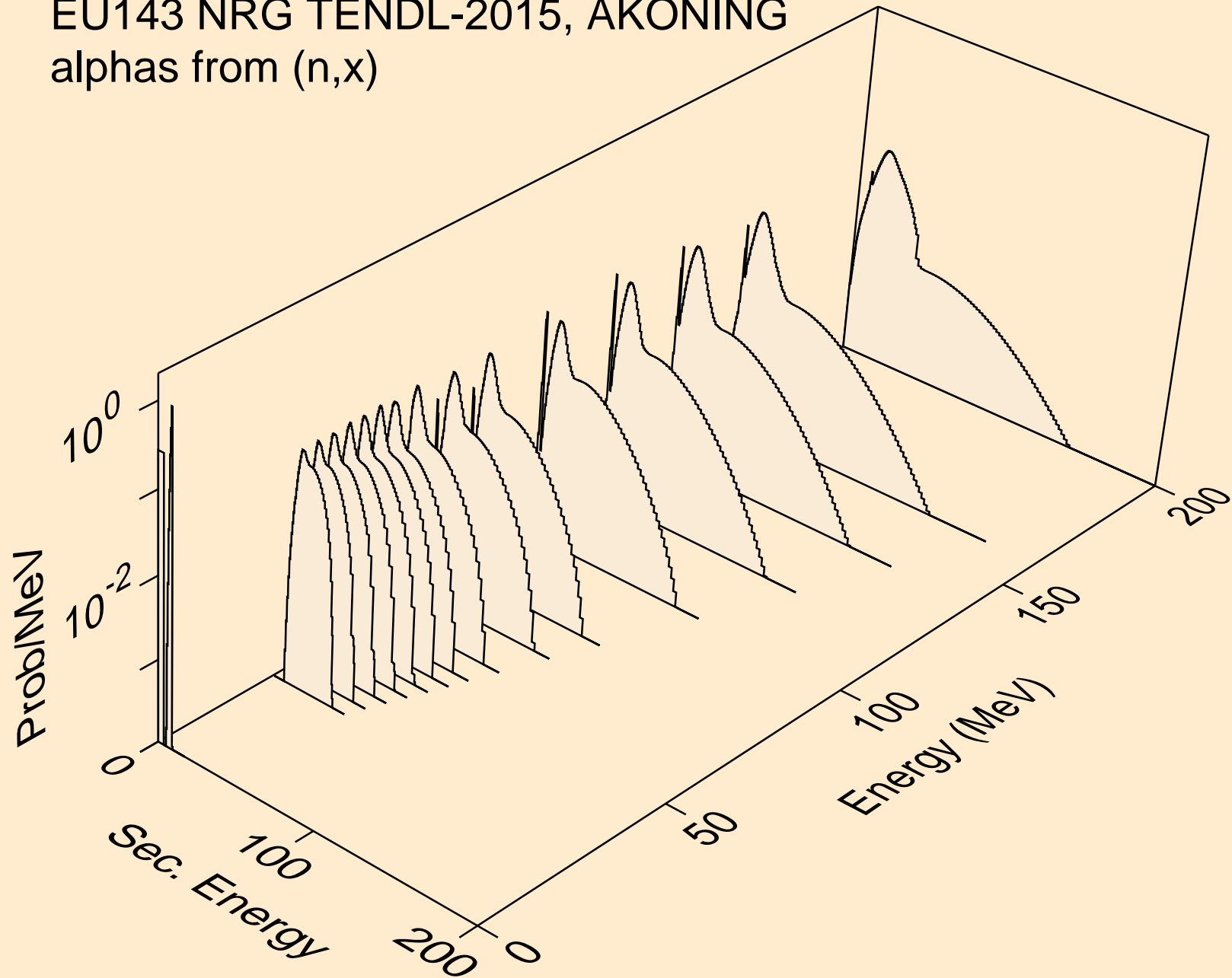
EU143 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



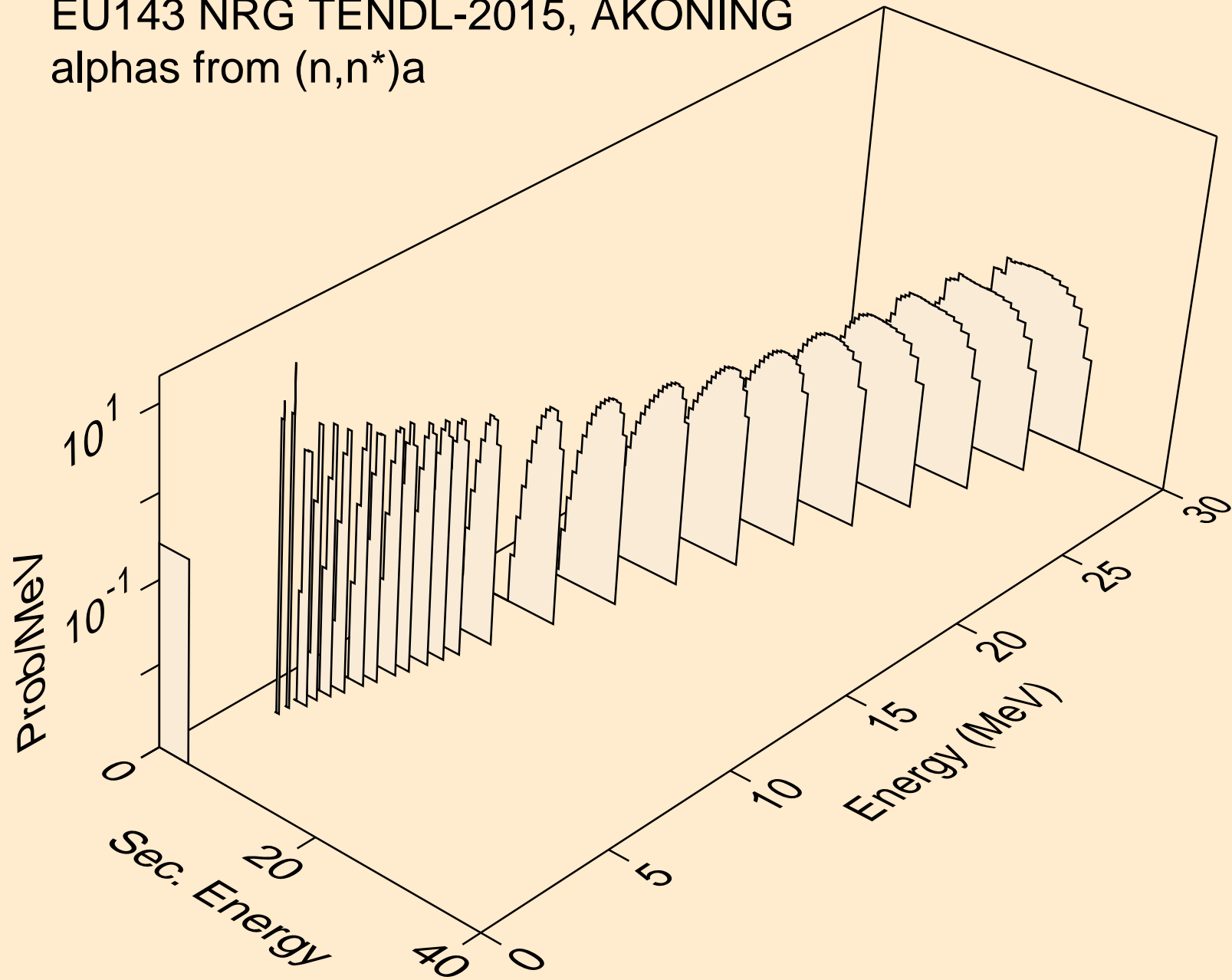
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he3s from (n,he3)



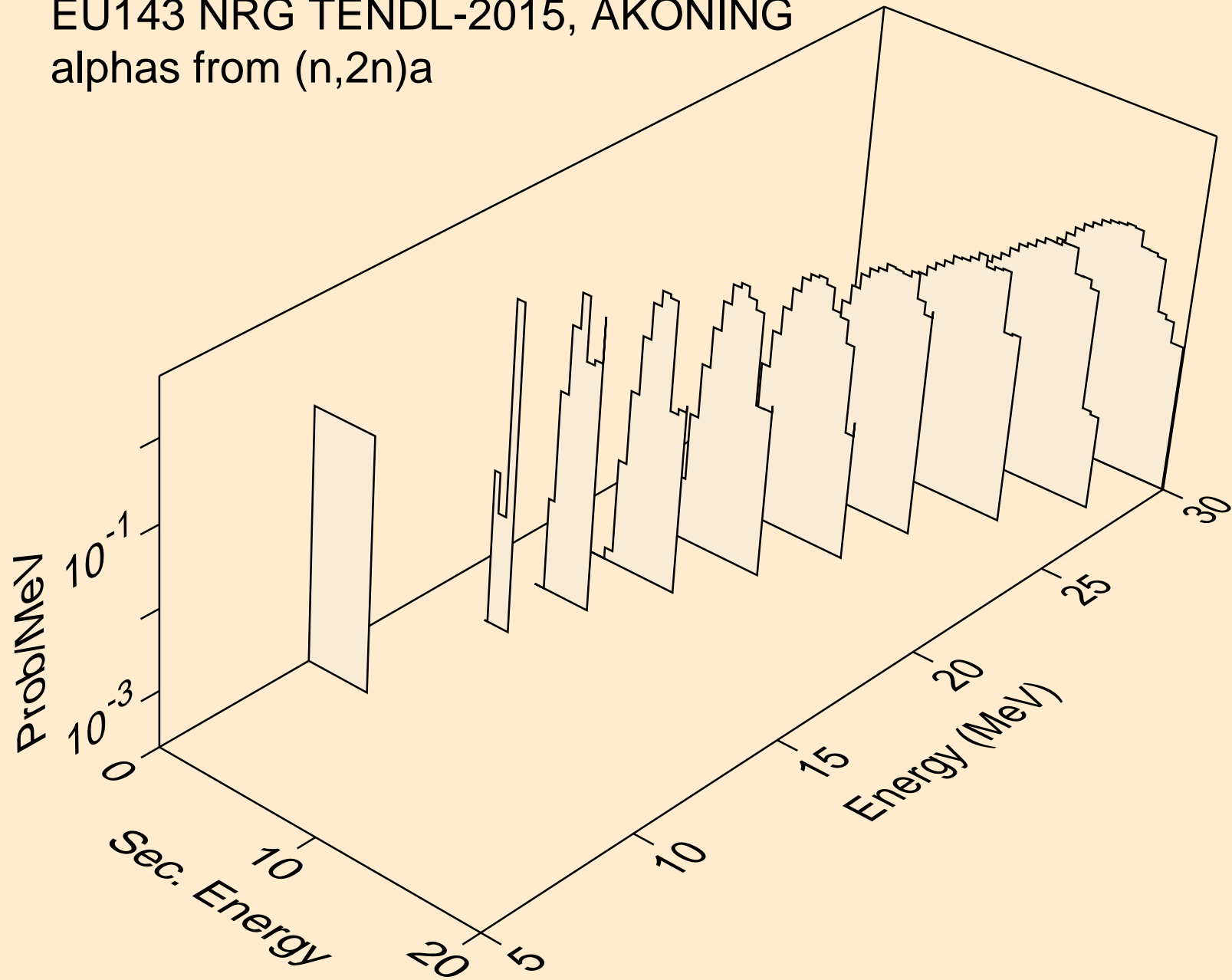
EU143 NRG TENDL-2015, AKONING  
alphas from (n,x)



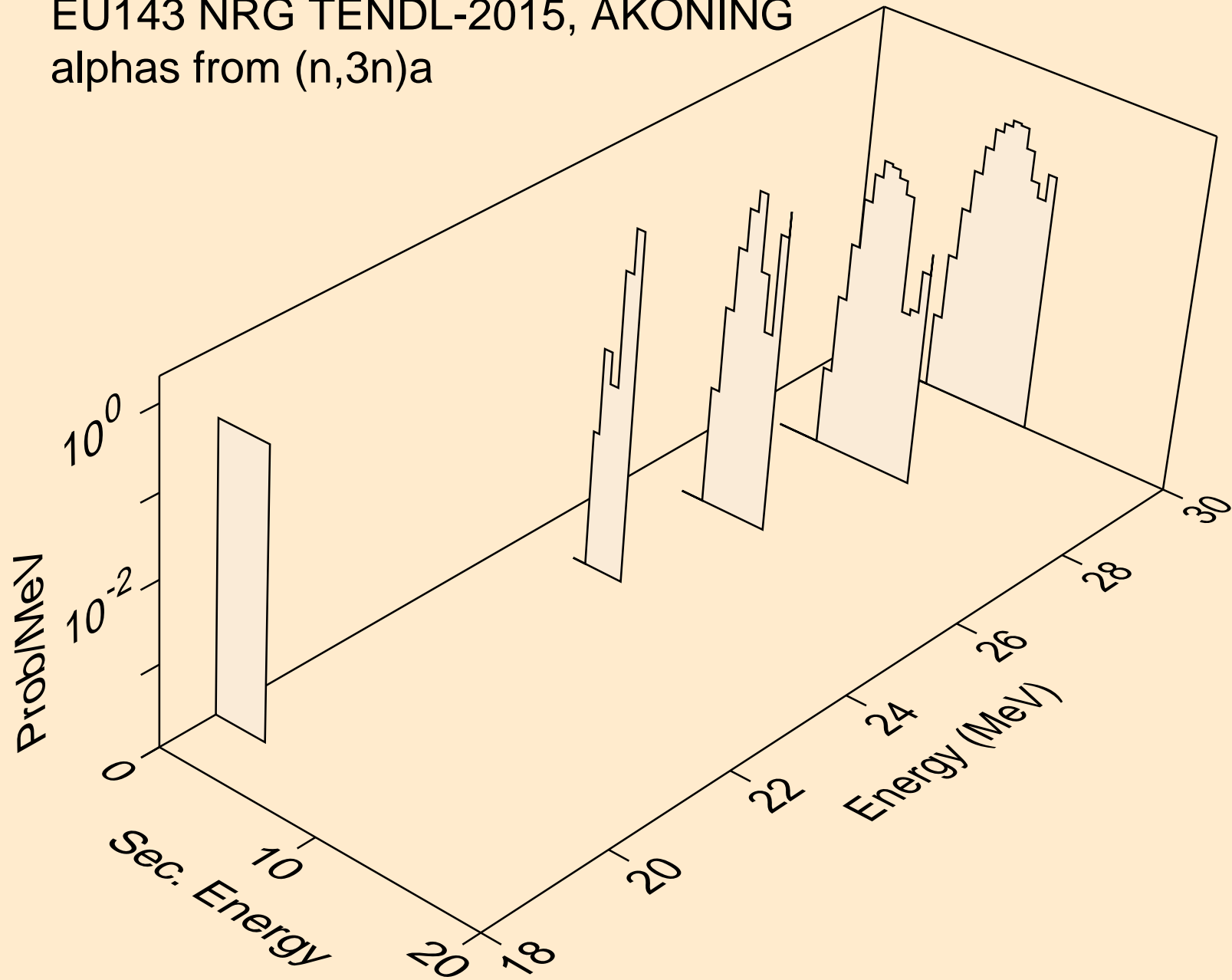
EU143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



EU143 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

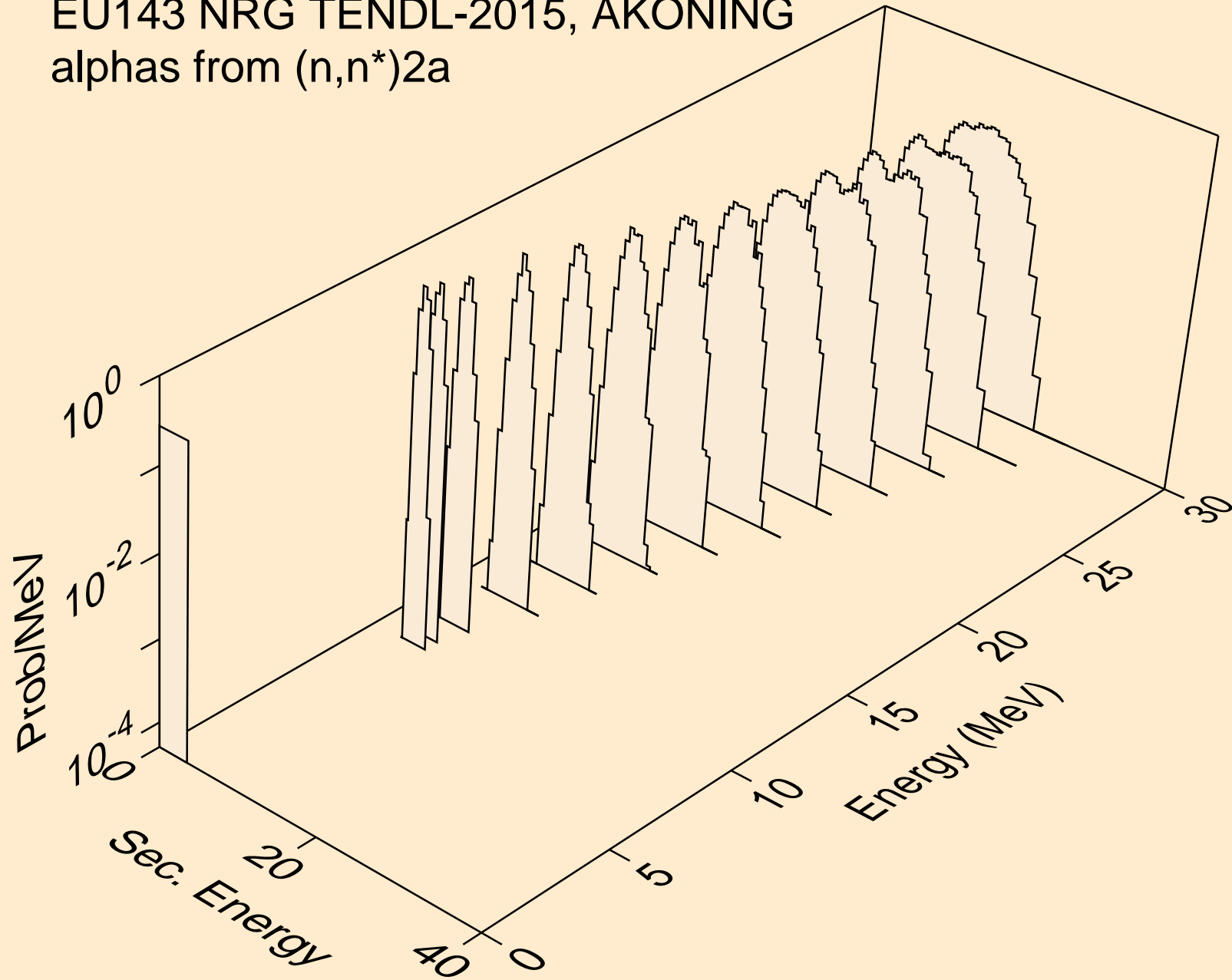


EU143 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

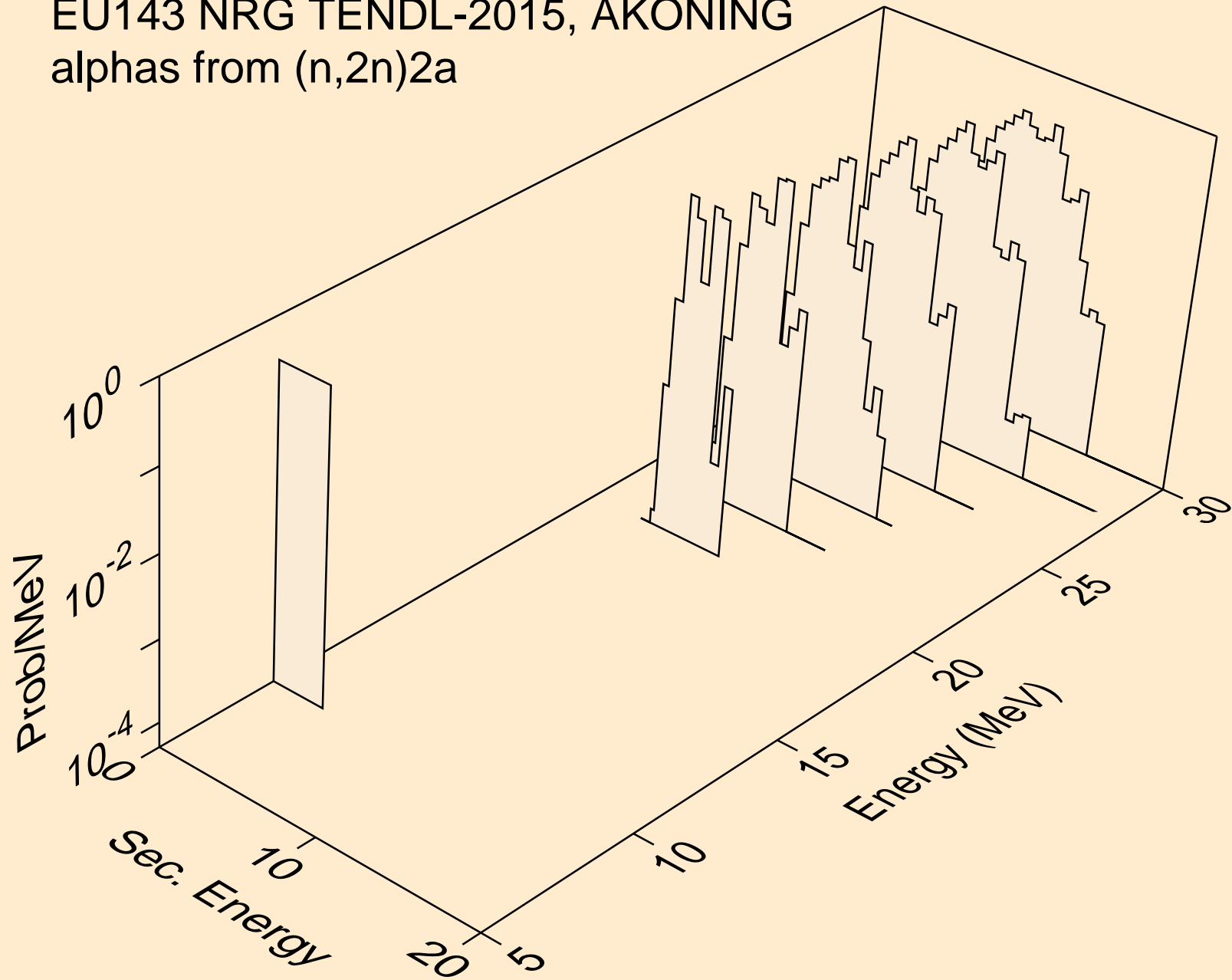




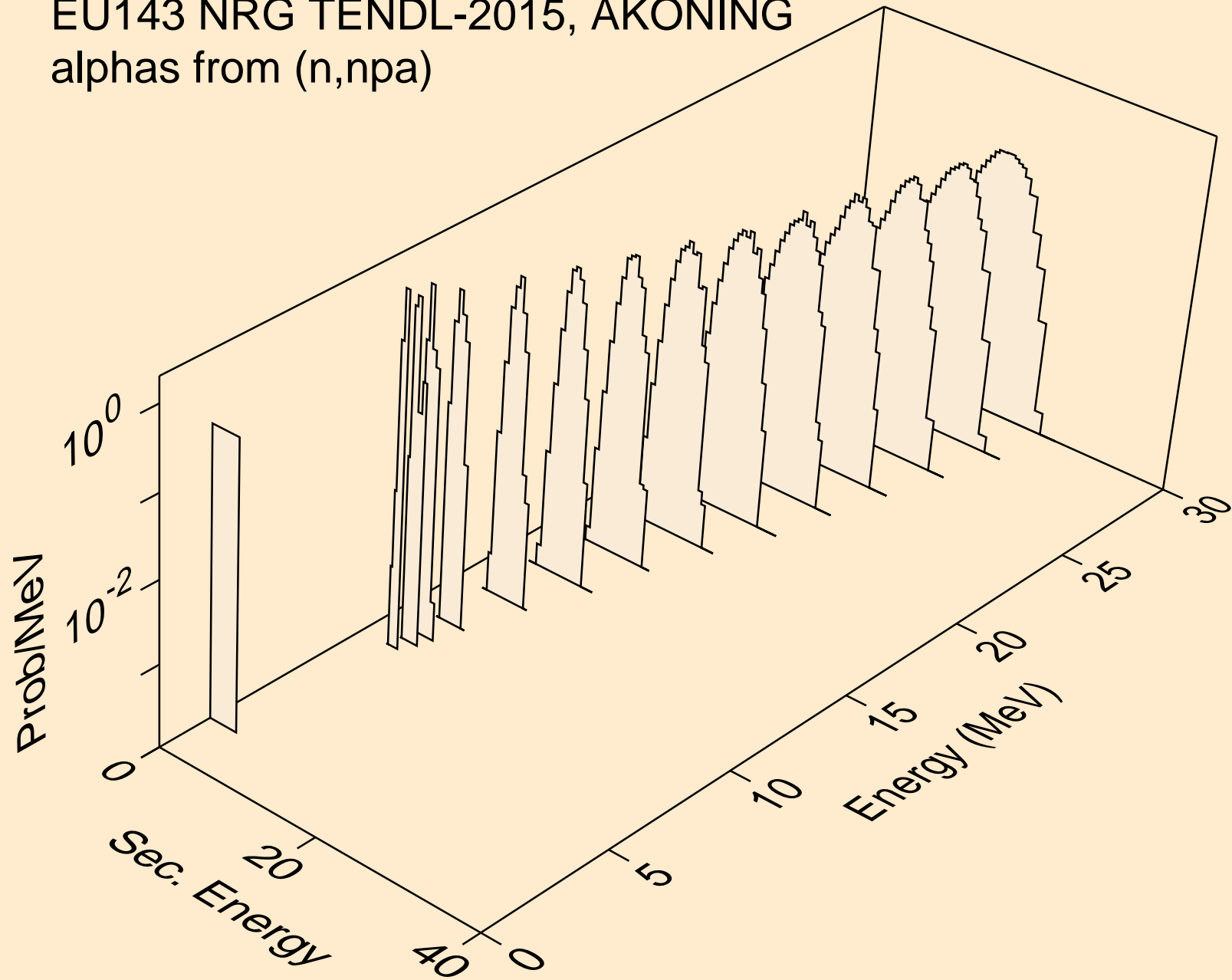
EU143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



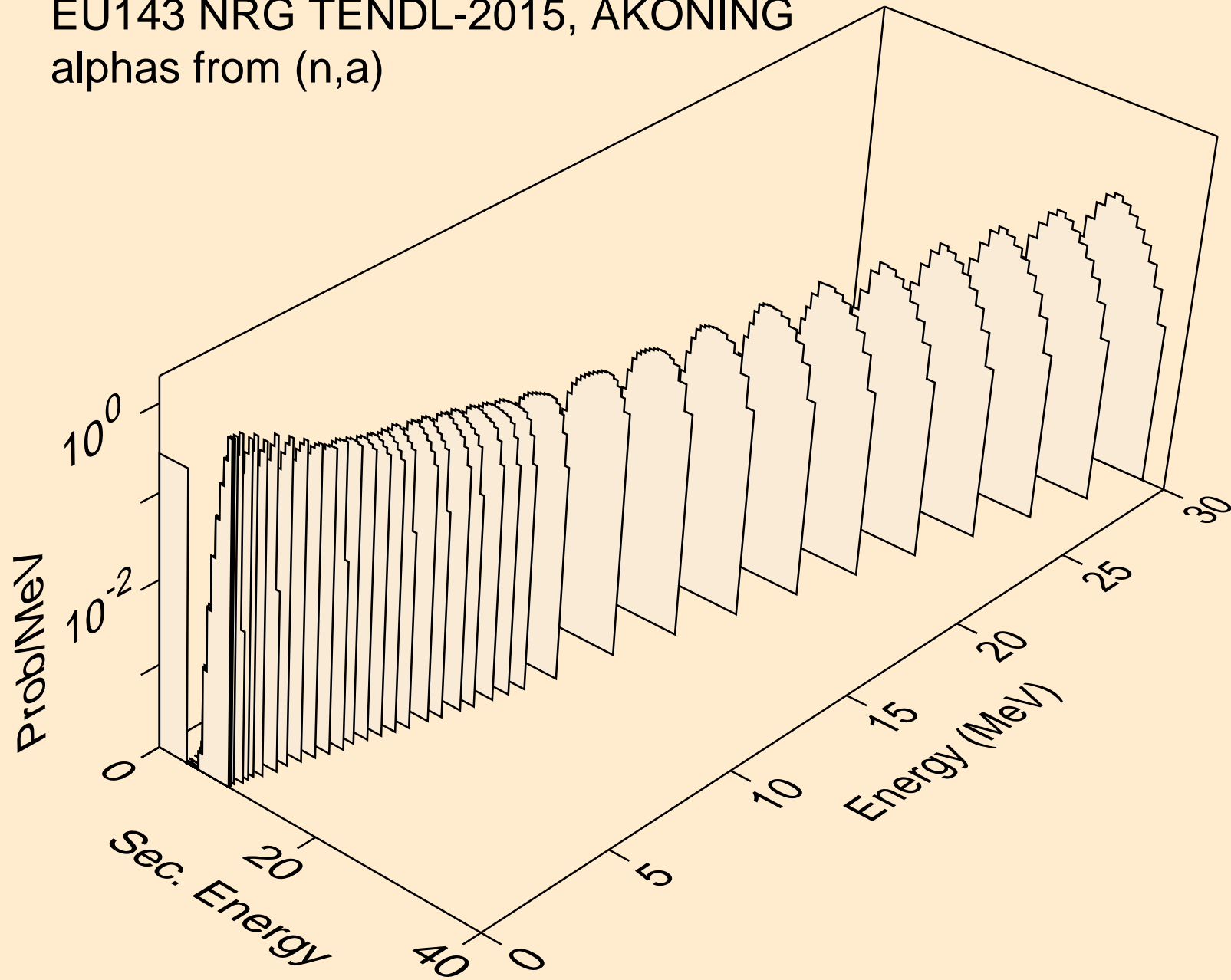
EU143 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



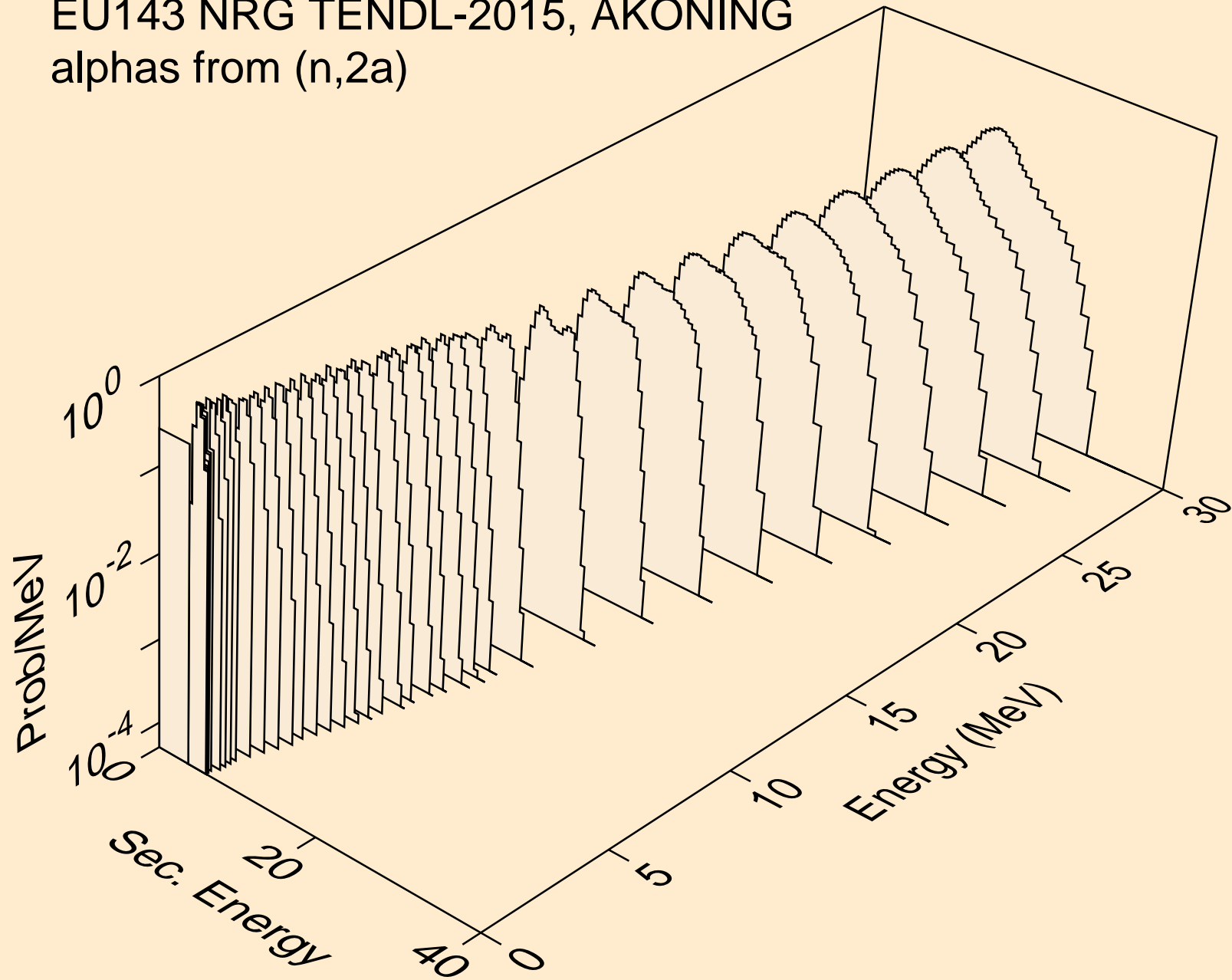
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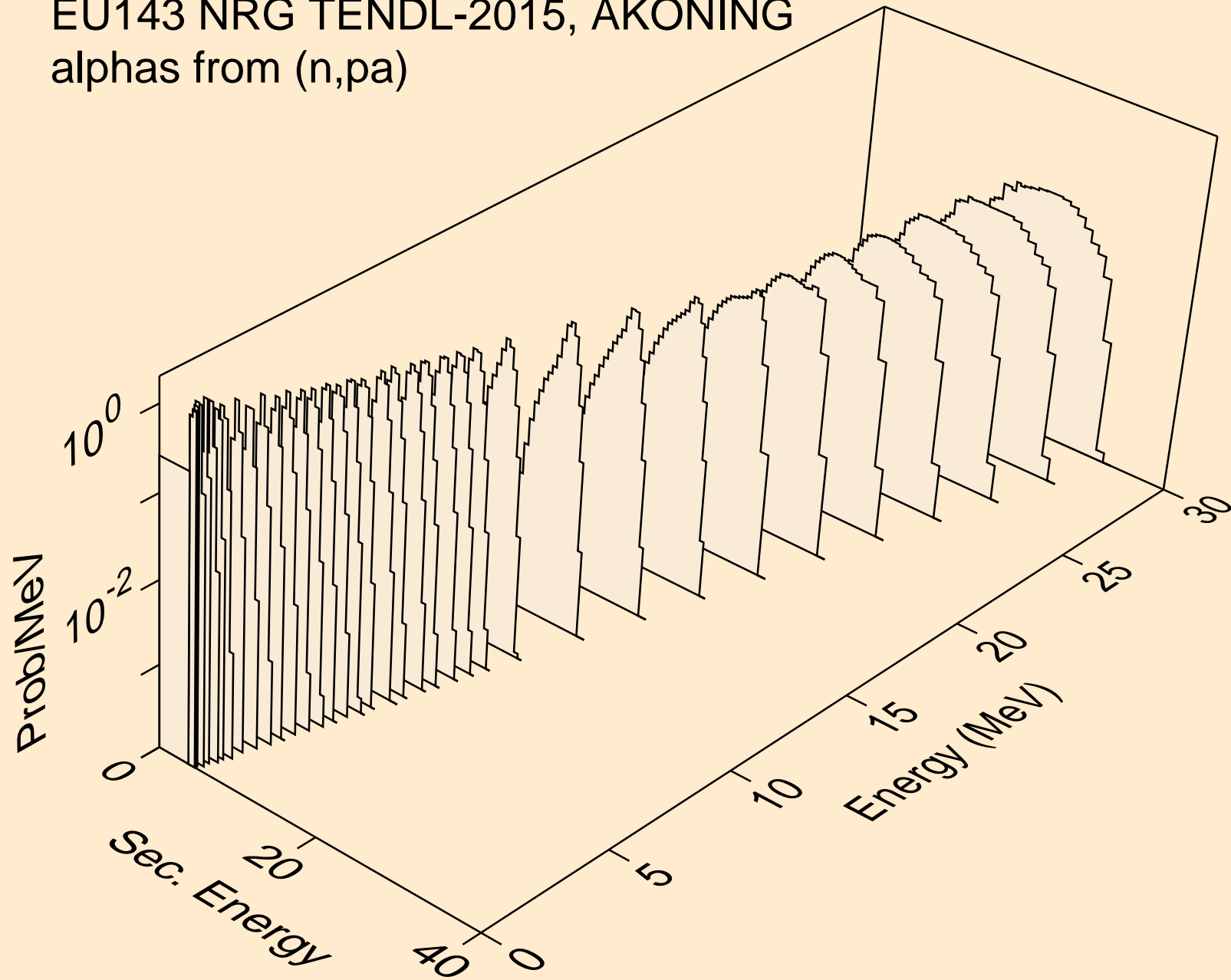
EU143 NRG TENDL-2015, AKONING  
alphas from (n,a)



EU143 NRG TENDL-2015, AKONING  
alphas from (n,2a)



EU143 NRG TENDL-2015, AKONING  
alphas from (n,pa)



EU143 NRG TENDL-2015, AKONING  
alphas from (n,da)

