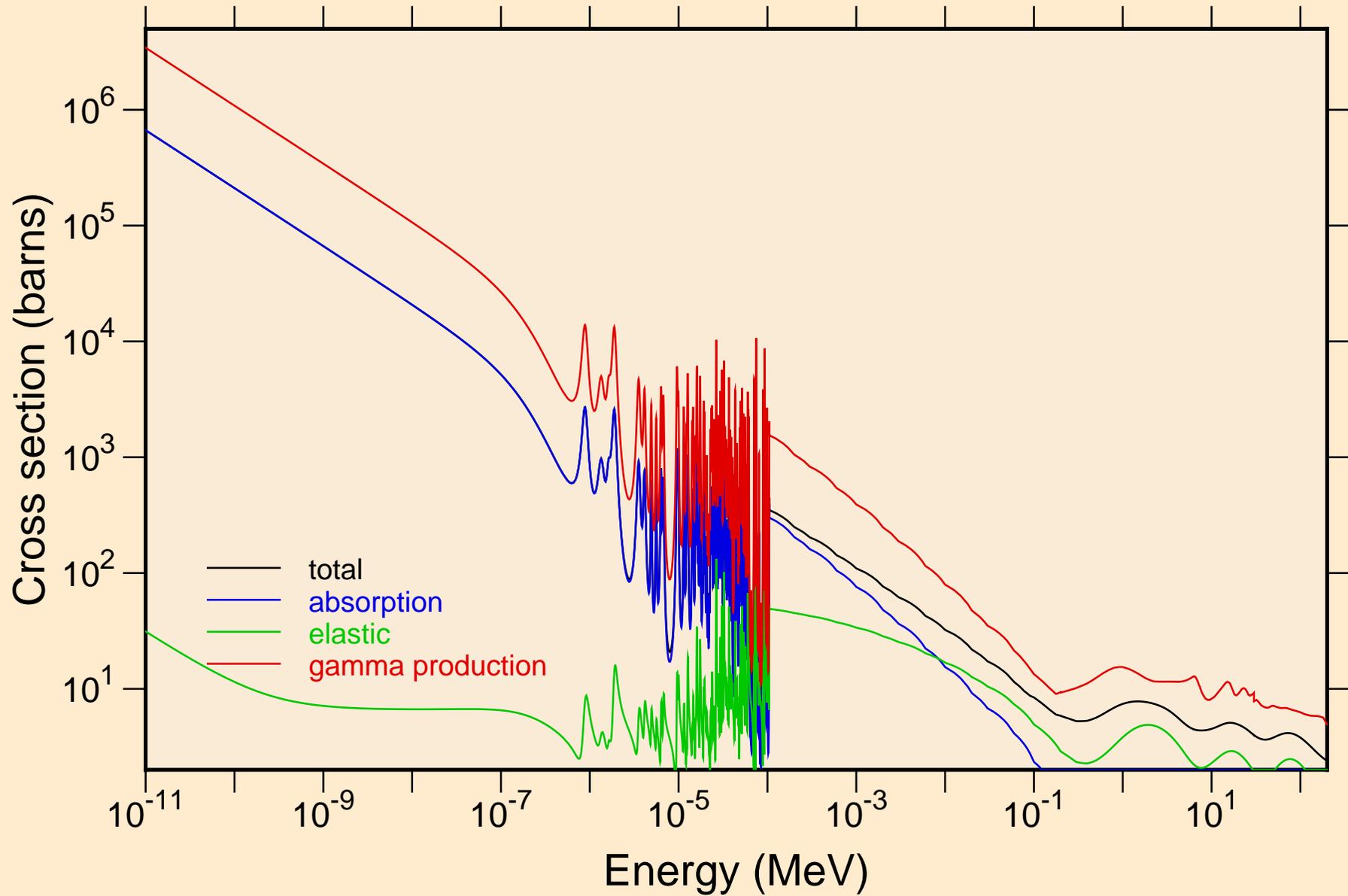


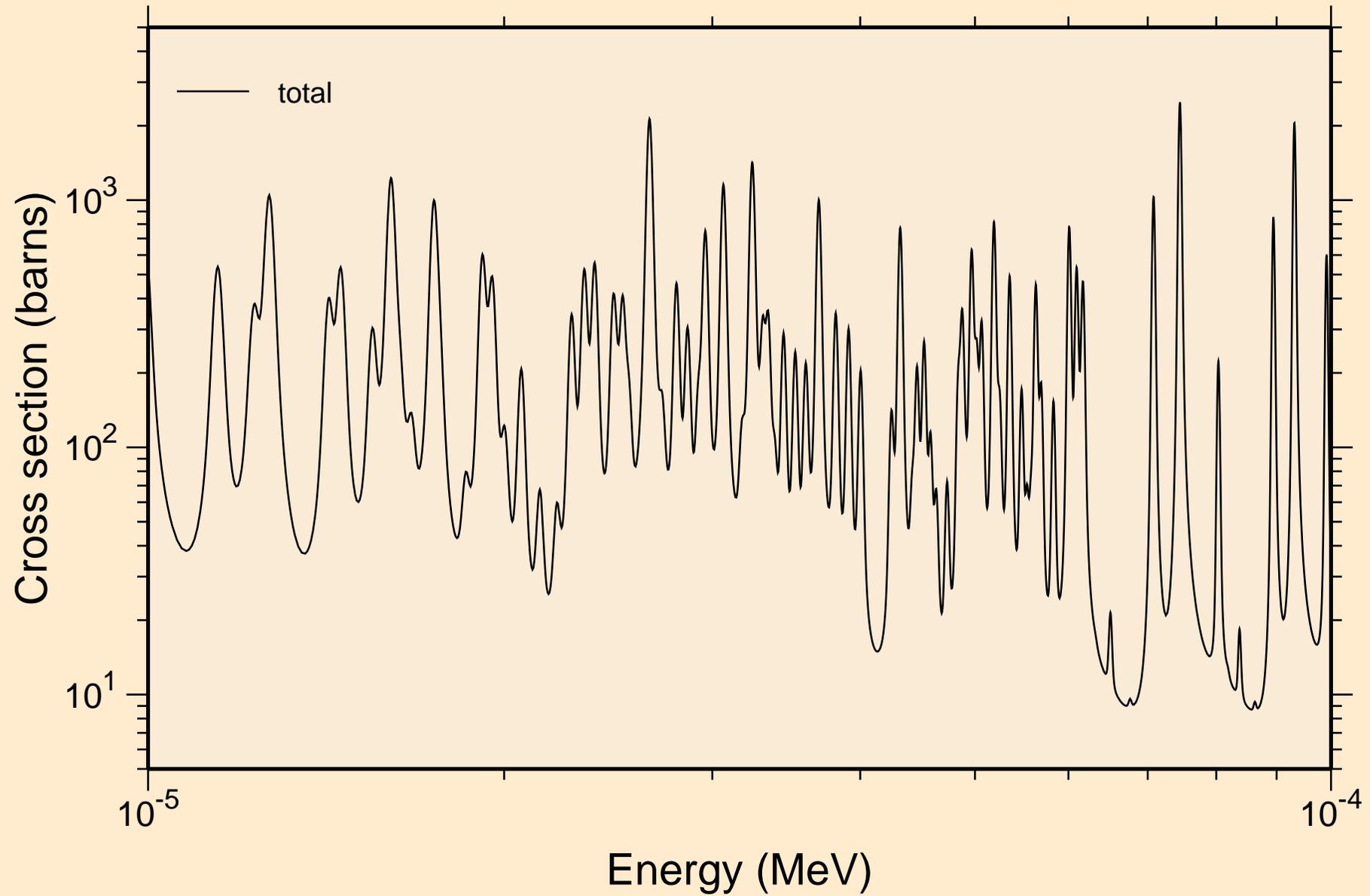
# EU152 NRG TENDL-2015, AKONING

## Principal cross sections

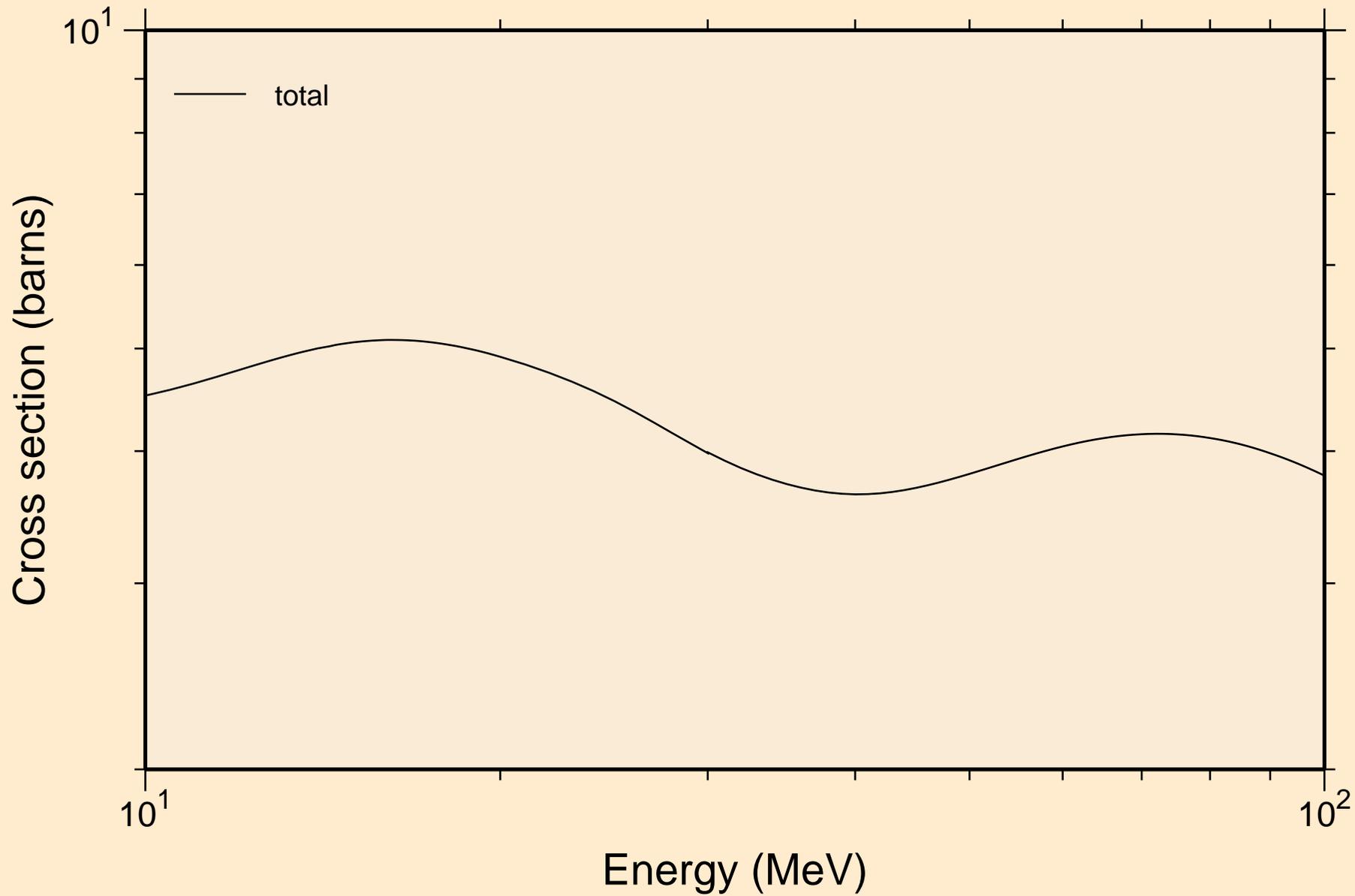




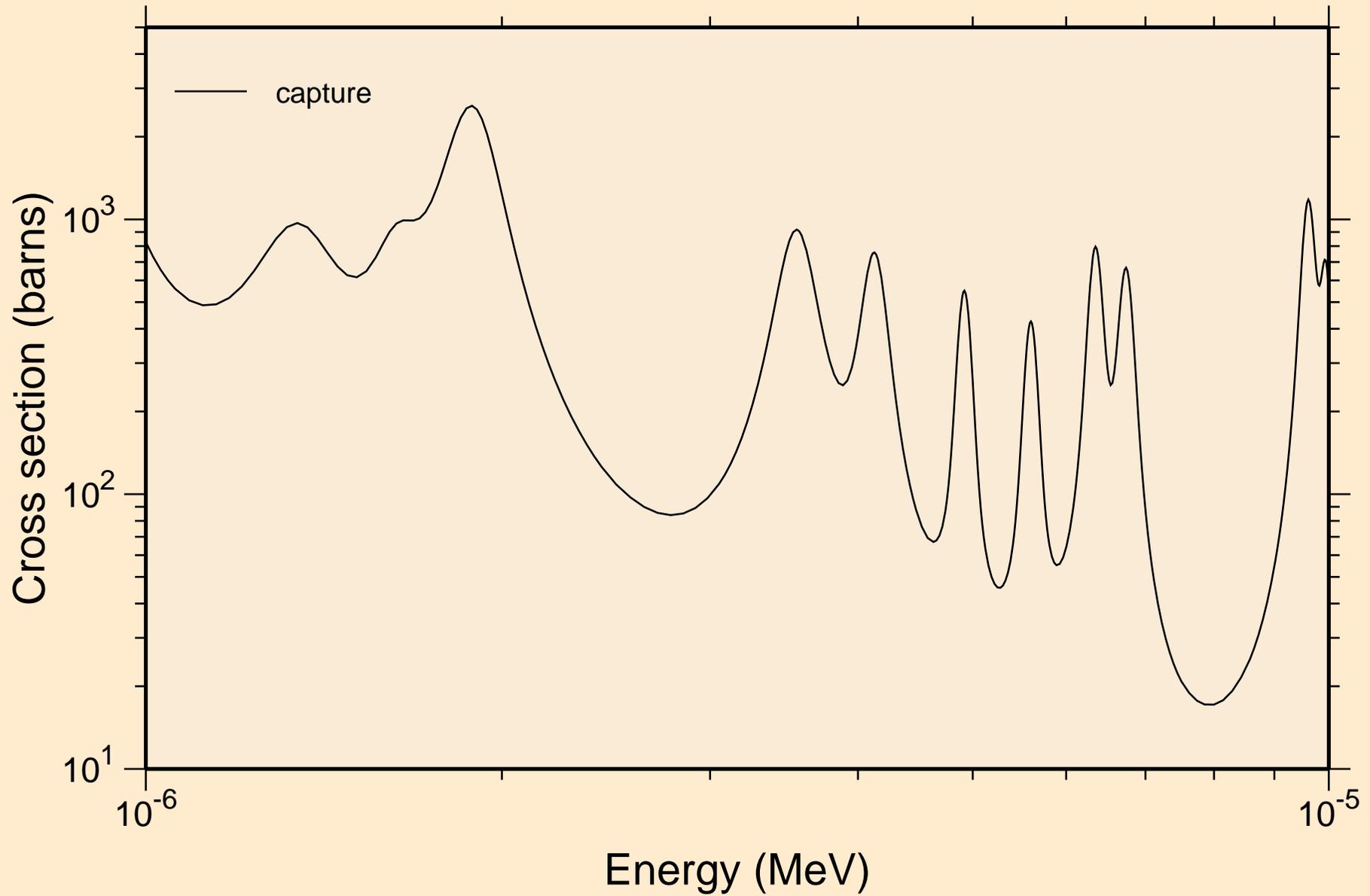
EU152 NRG TENDL-2015, AKONING  
resonance total cross section



EU152 NRG TENDL-2015, AKONING  
resonance total cross section

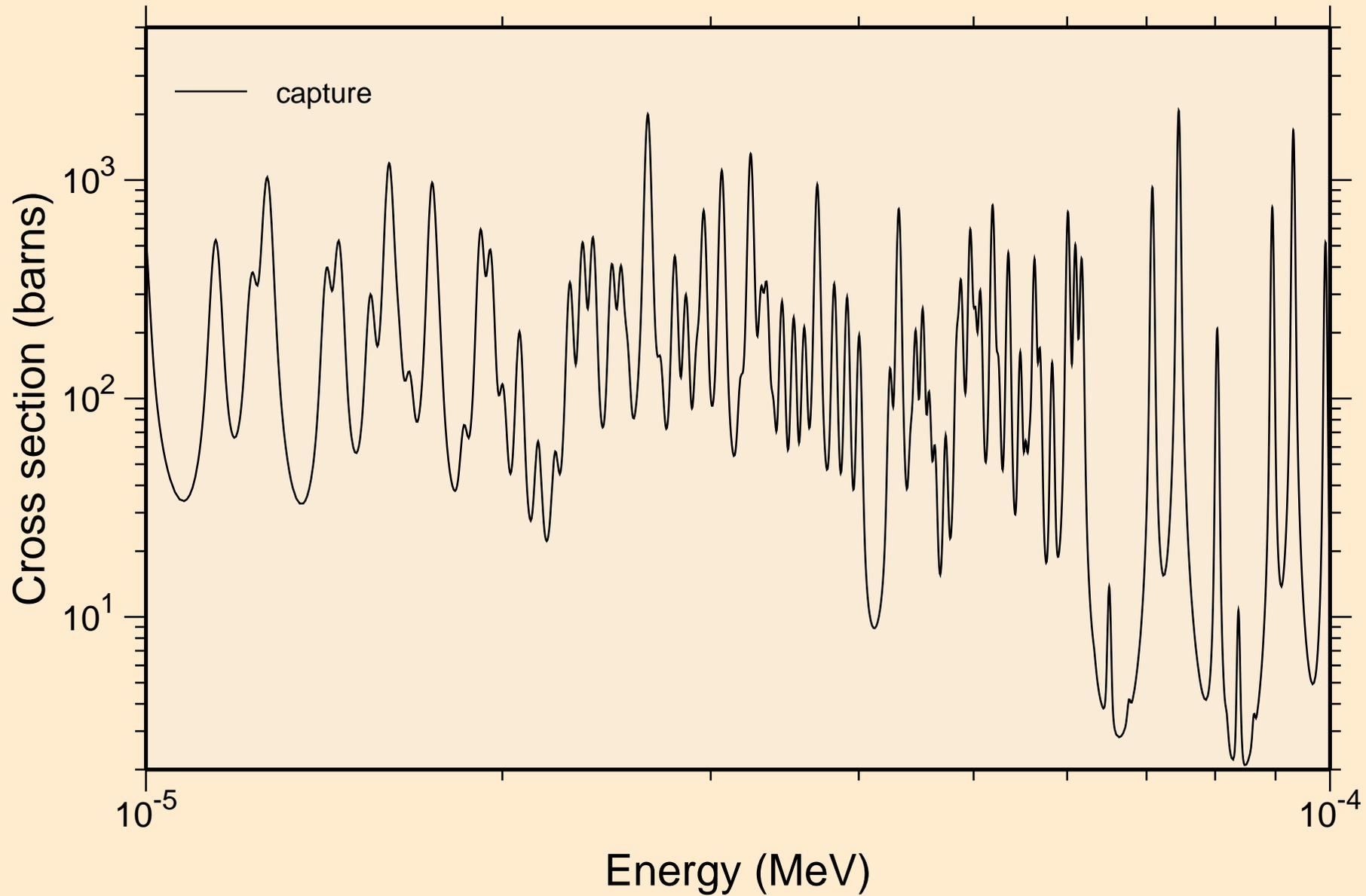


EU152 NRG TENDL-2015, AKONING  
resonance absorption cross sections

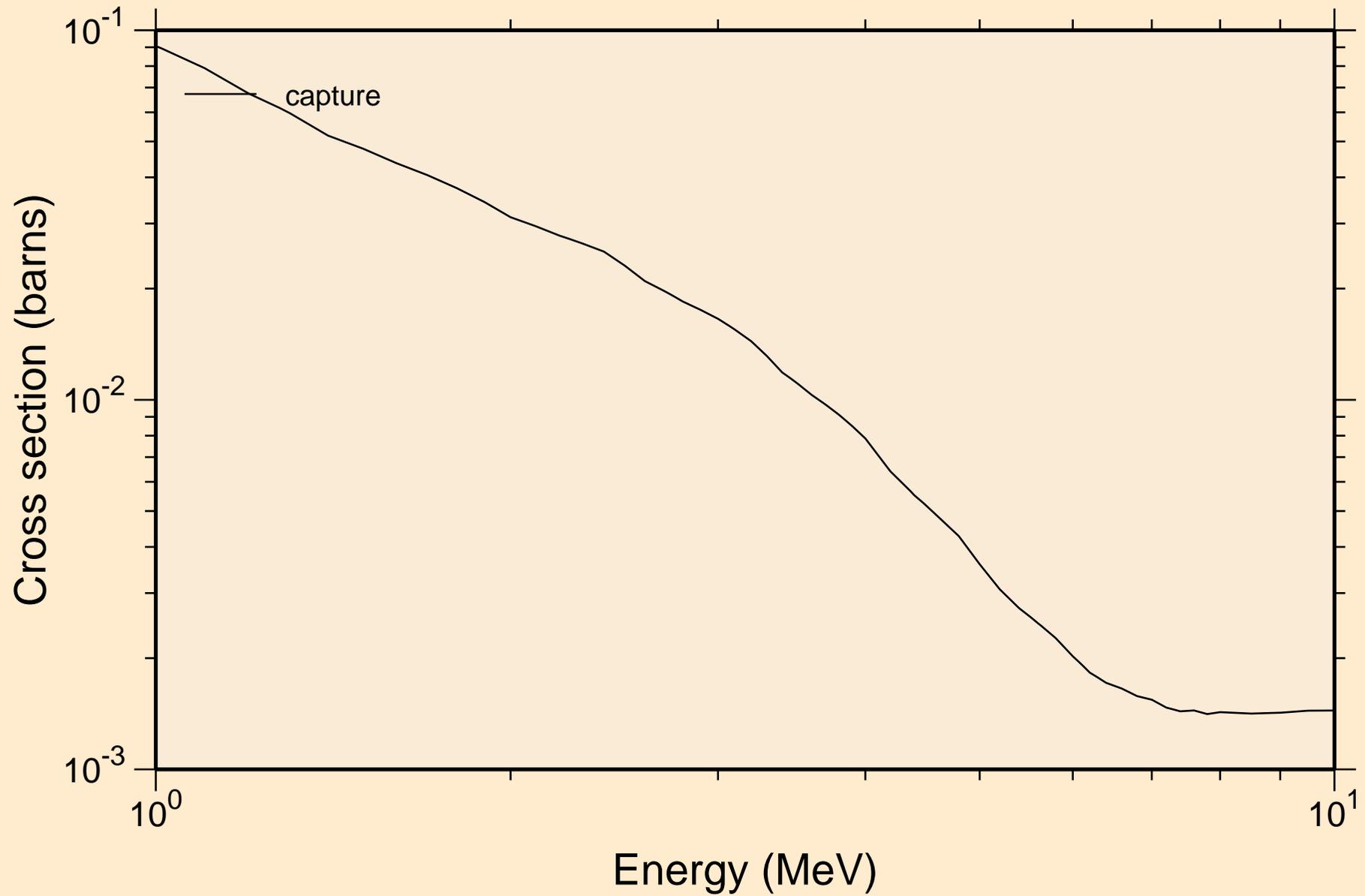


# EU152 NRG TENDL-2015, AKONING

## resonance absorption cross sections

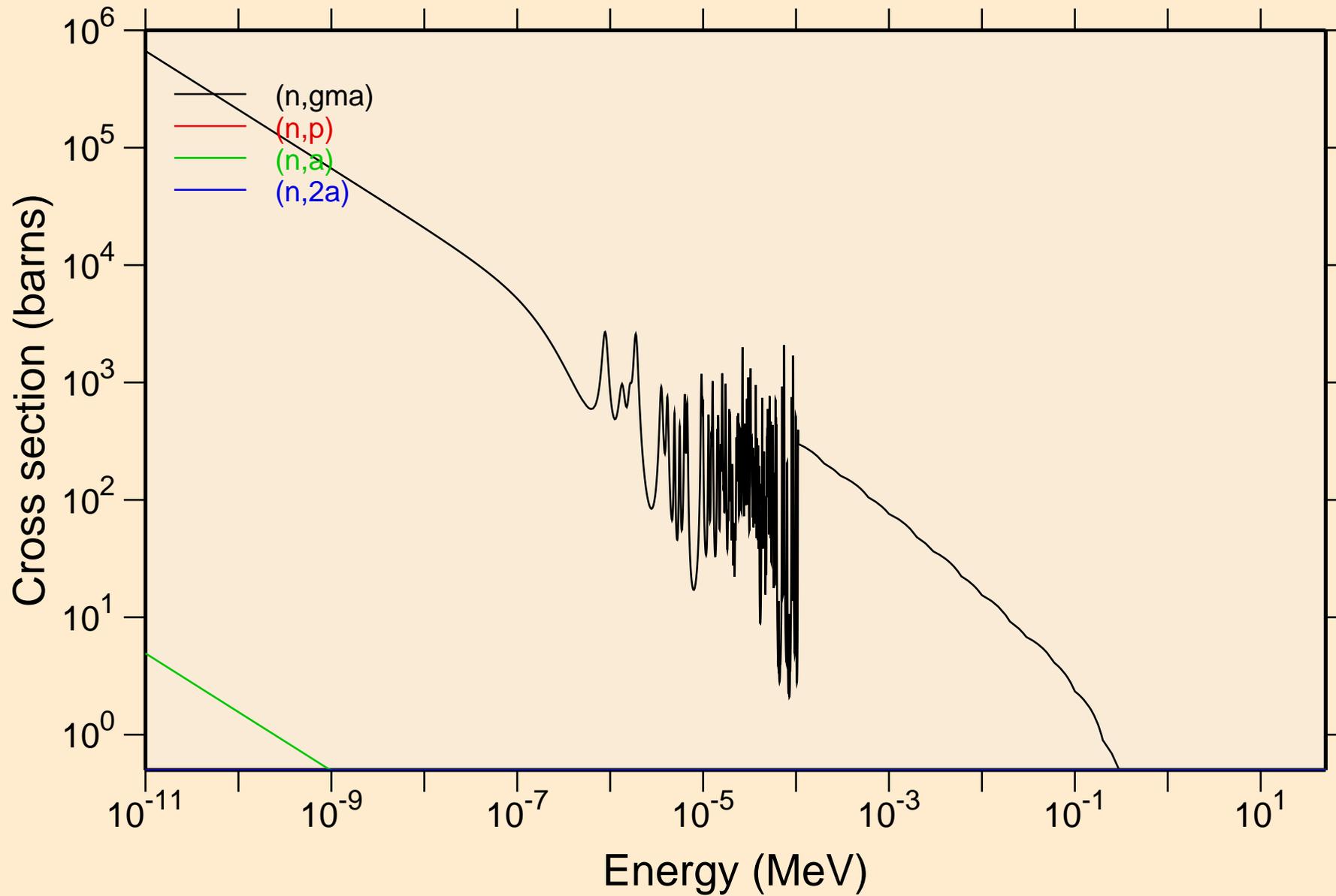


# EU152 NRG TENDL-2015, AKONING resonance absorption cross sections



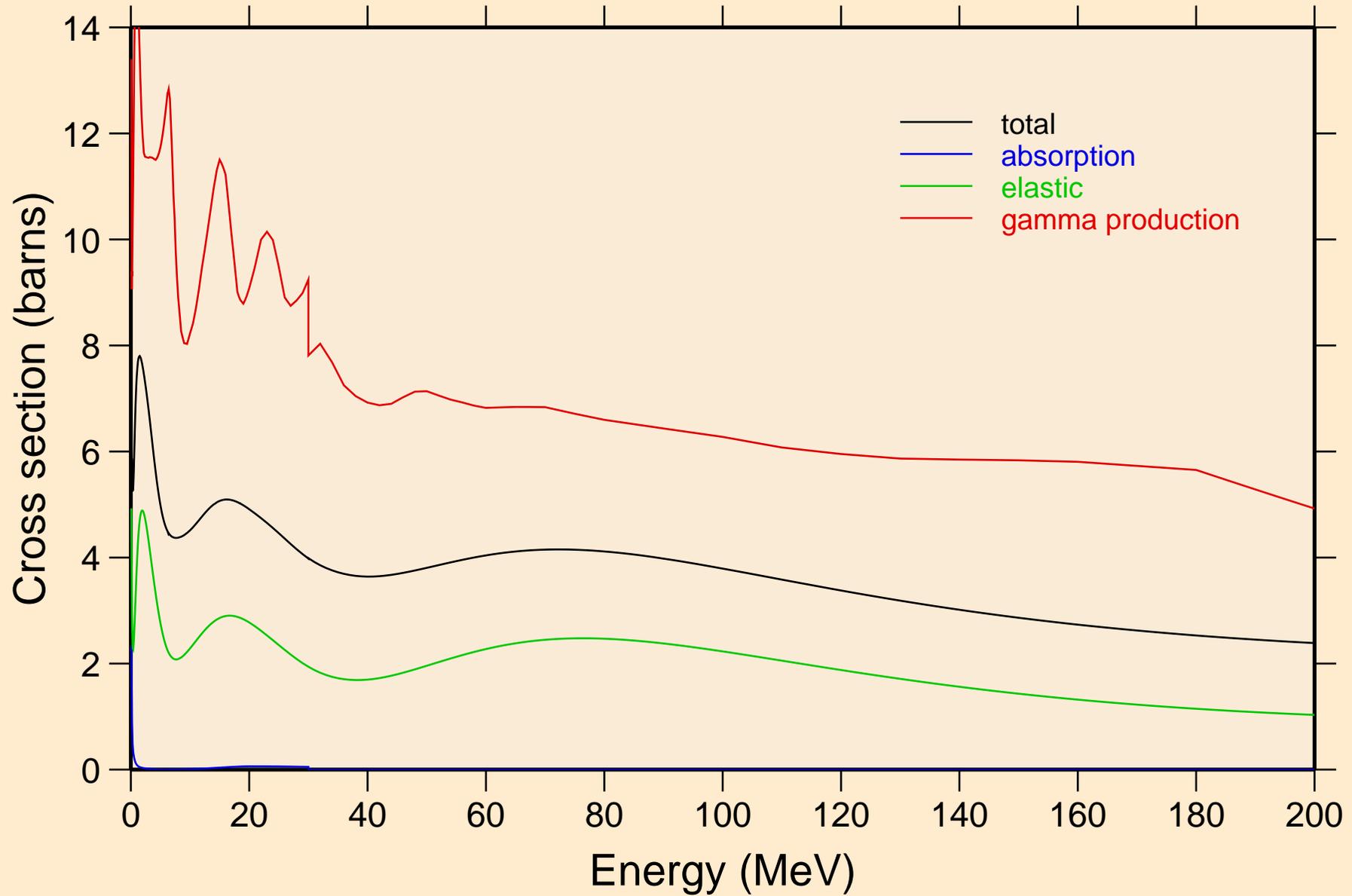
# EU152 NRG TENDL-2015, AKONING

## Non-threshold reactions



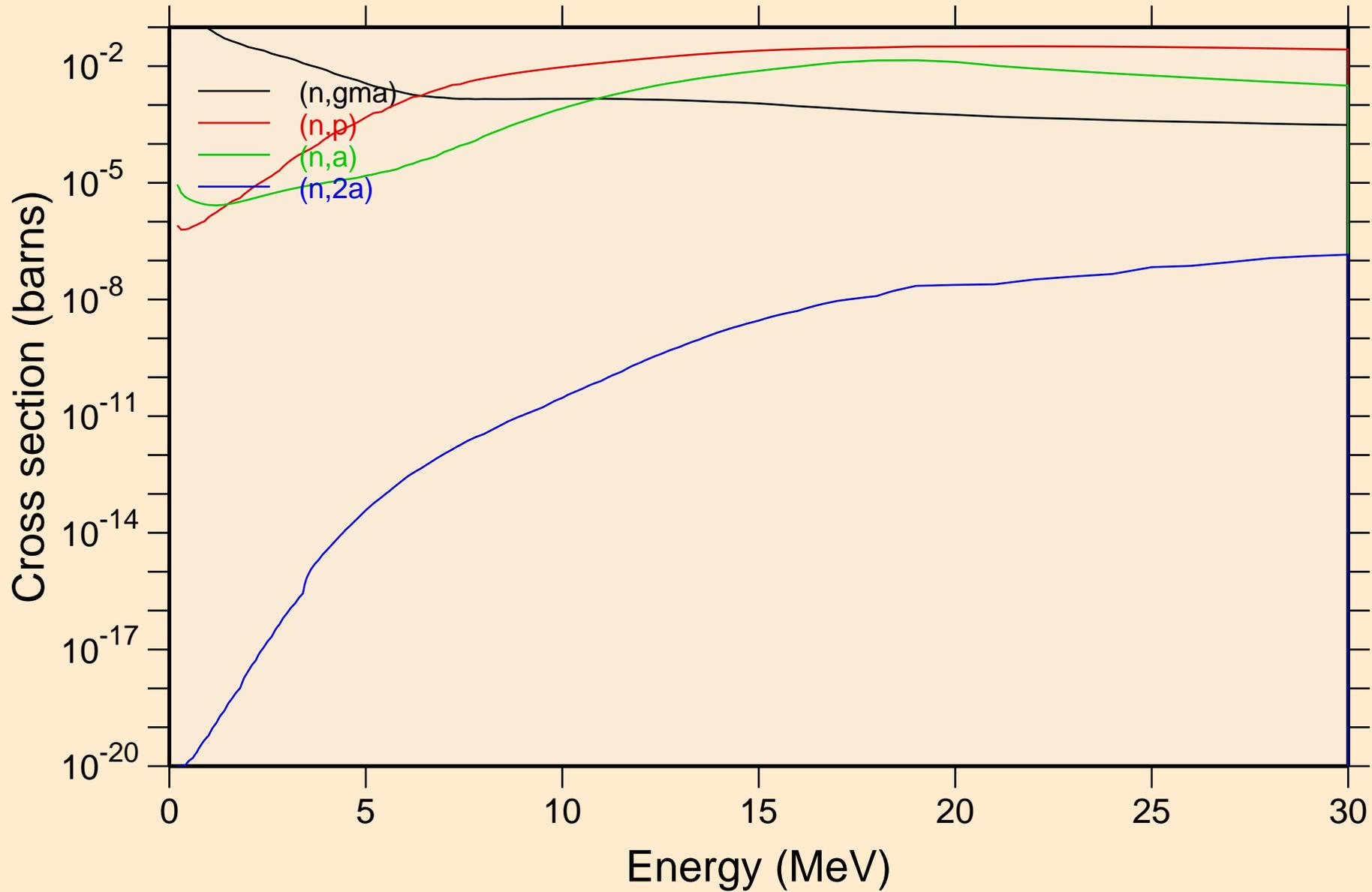
# EU152 NRG TENDL-2015, AKONING

## Principal cross sections



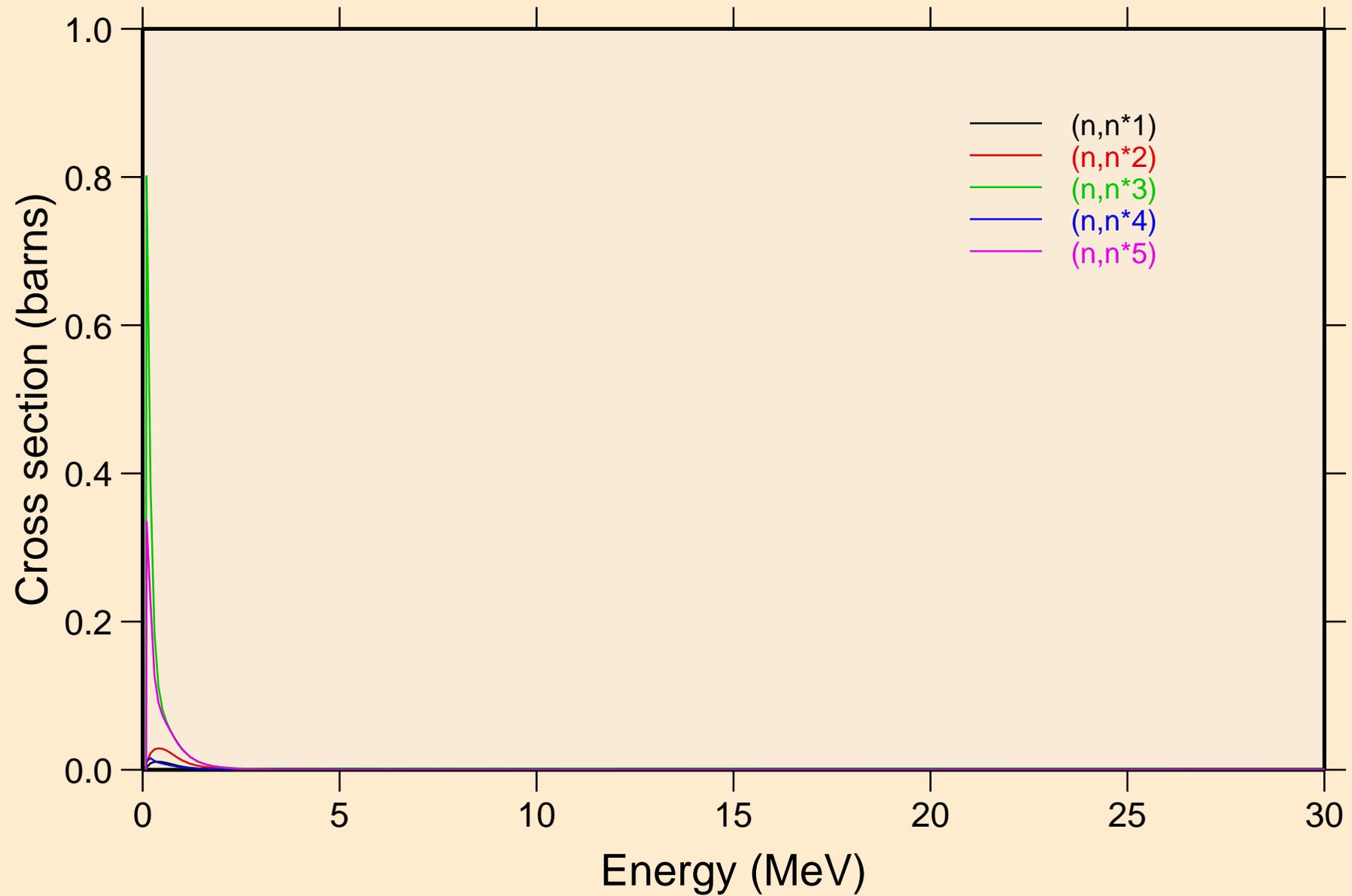
# EU152 NRG TENDL-2015, AKONING

## Non-threshold reactions



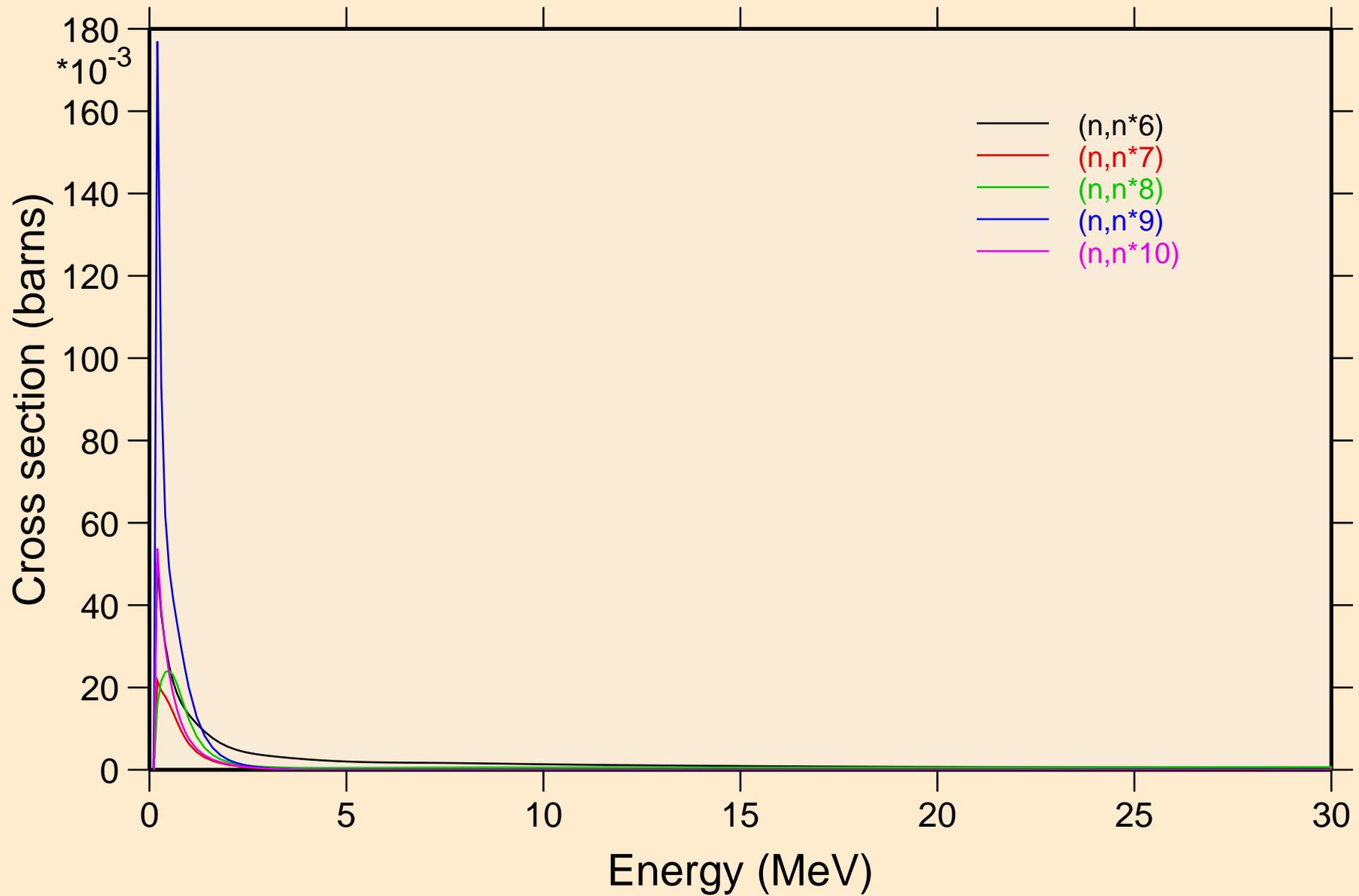
# EU152 NRG TENDL-2015, AKONING

## Inelastic levels



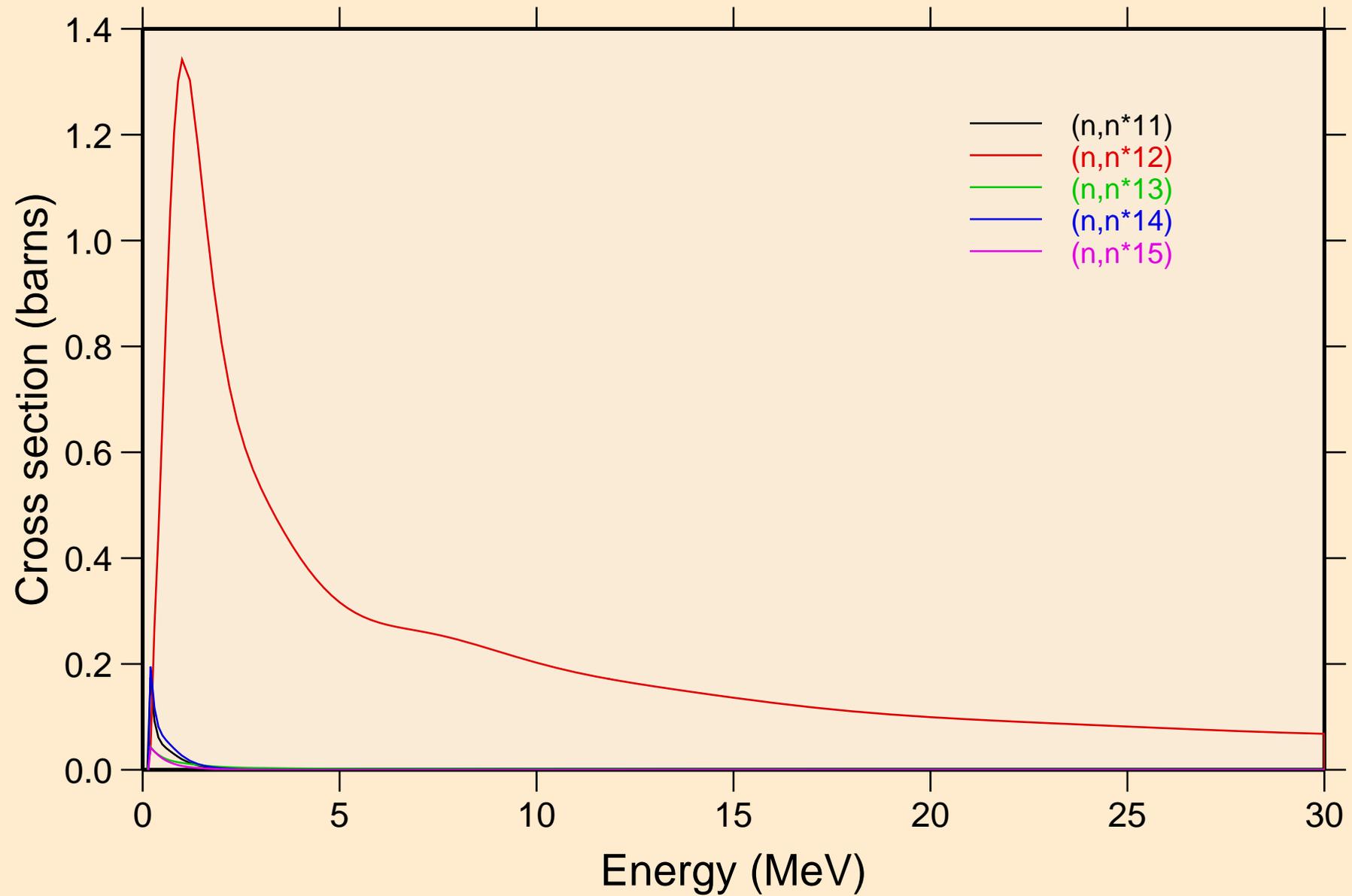
# EU152 NRG TENDL-2015, AKONING

## Inelastic levels



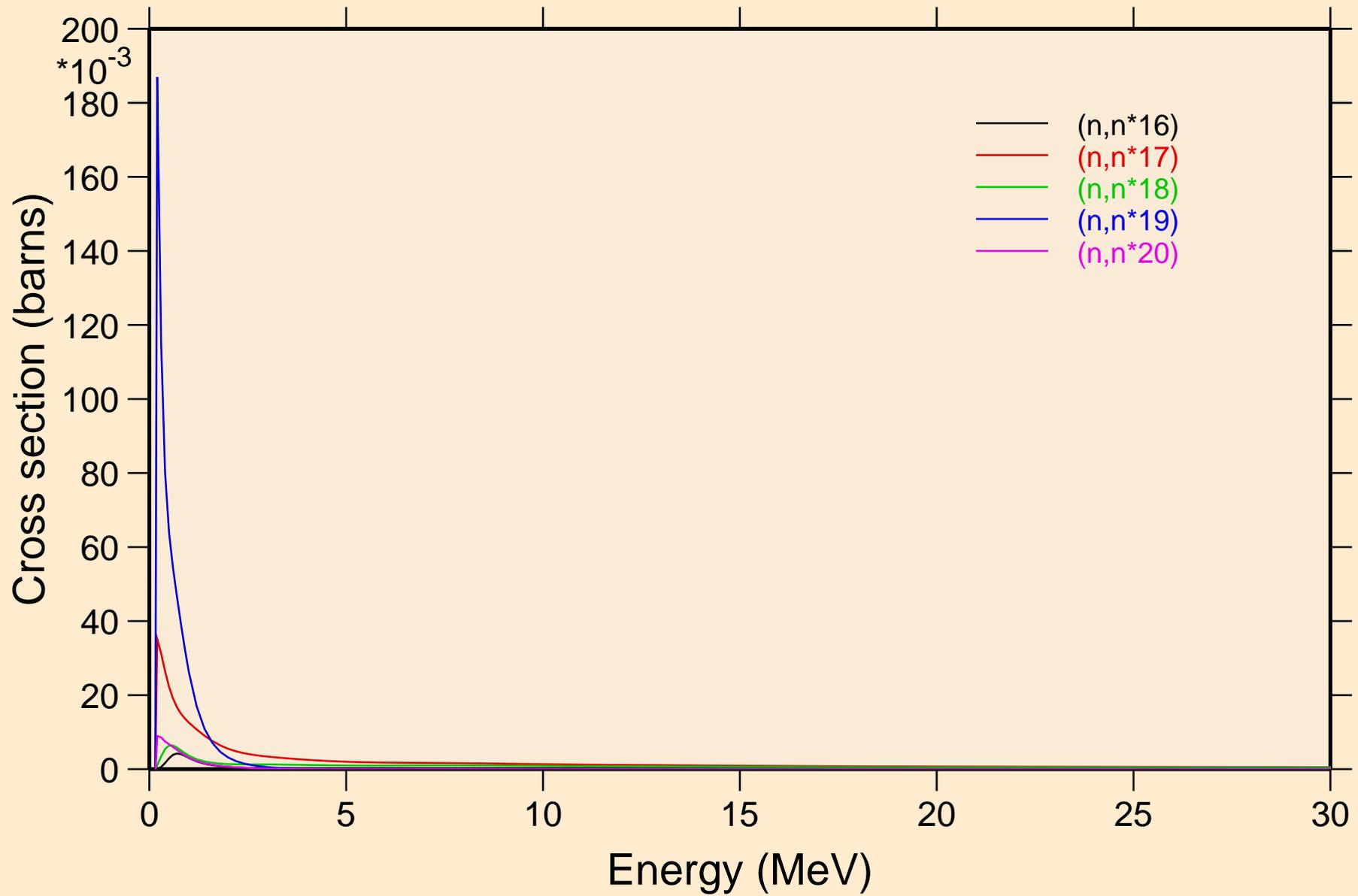
# EU152 NRG TENDL-2015, AKONING

## Inelastic levels



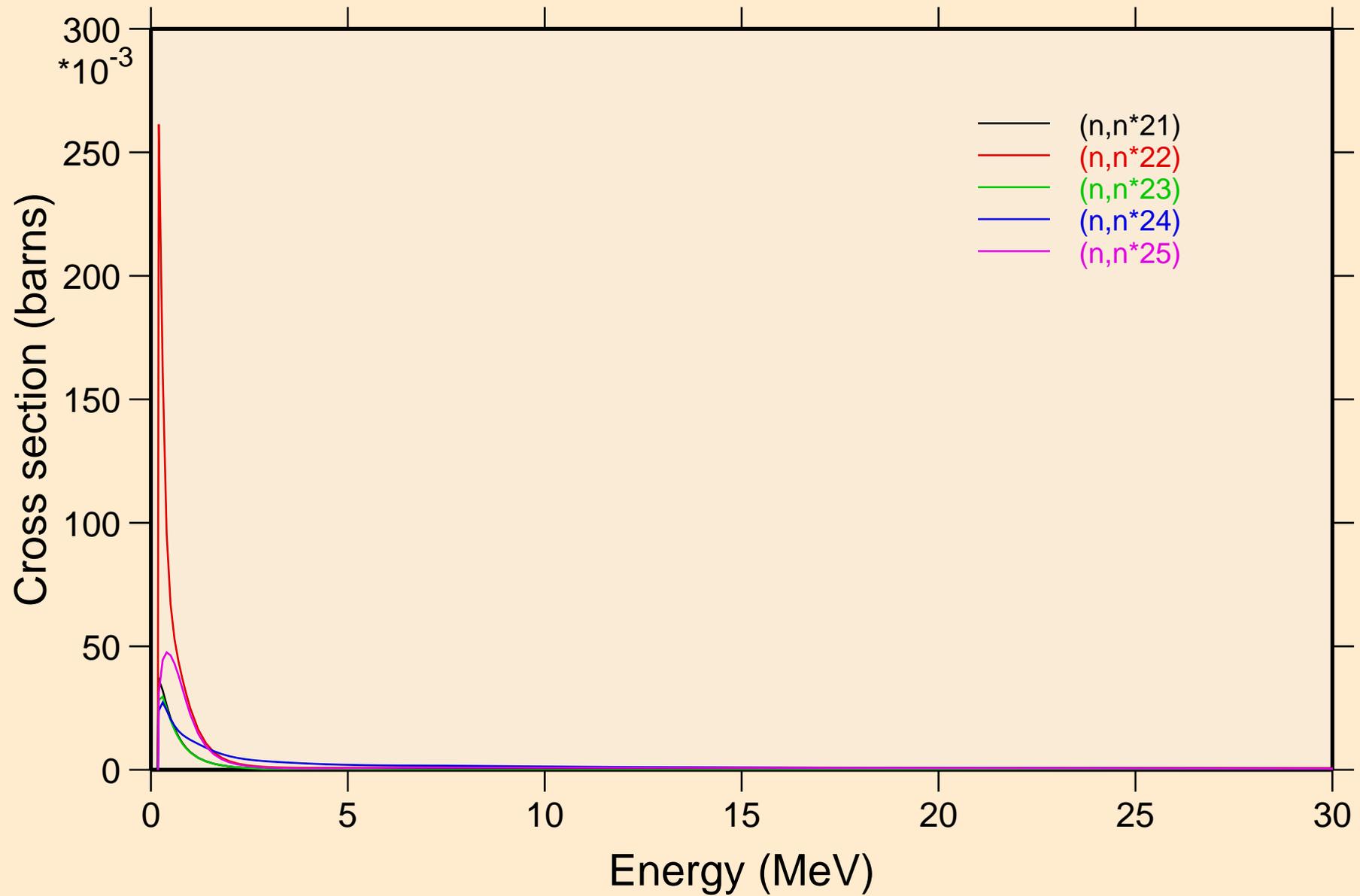
# EU152 NRG TENDL-2015, AKONING

## Inelastic levels



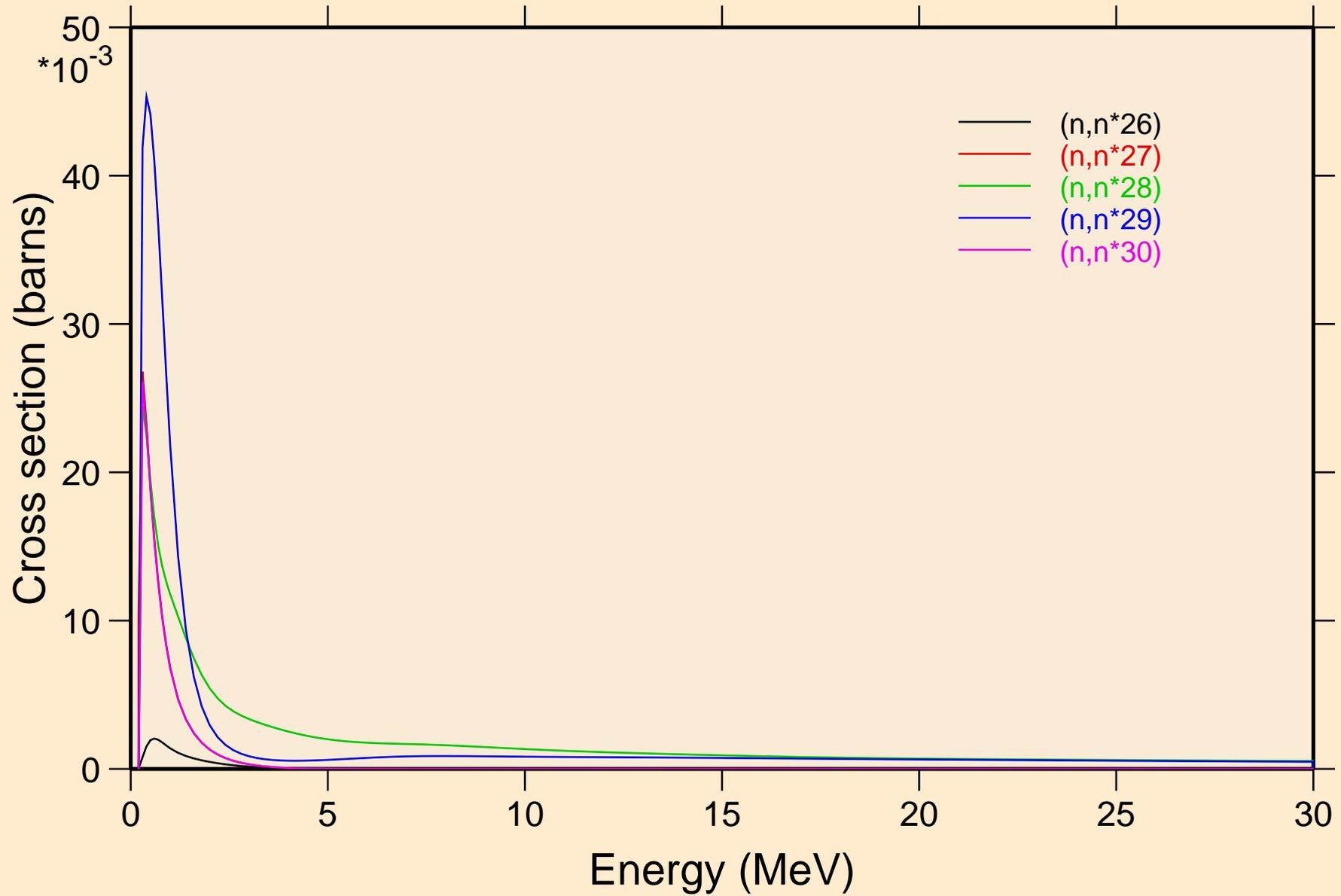
# EU152 NRG TENDL-2015, AKONING

## Inelastic levels



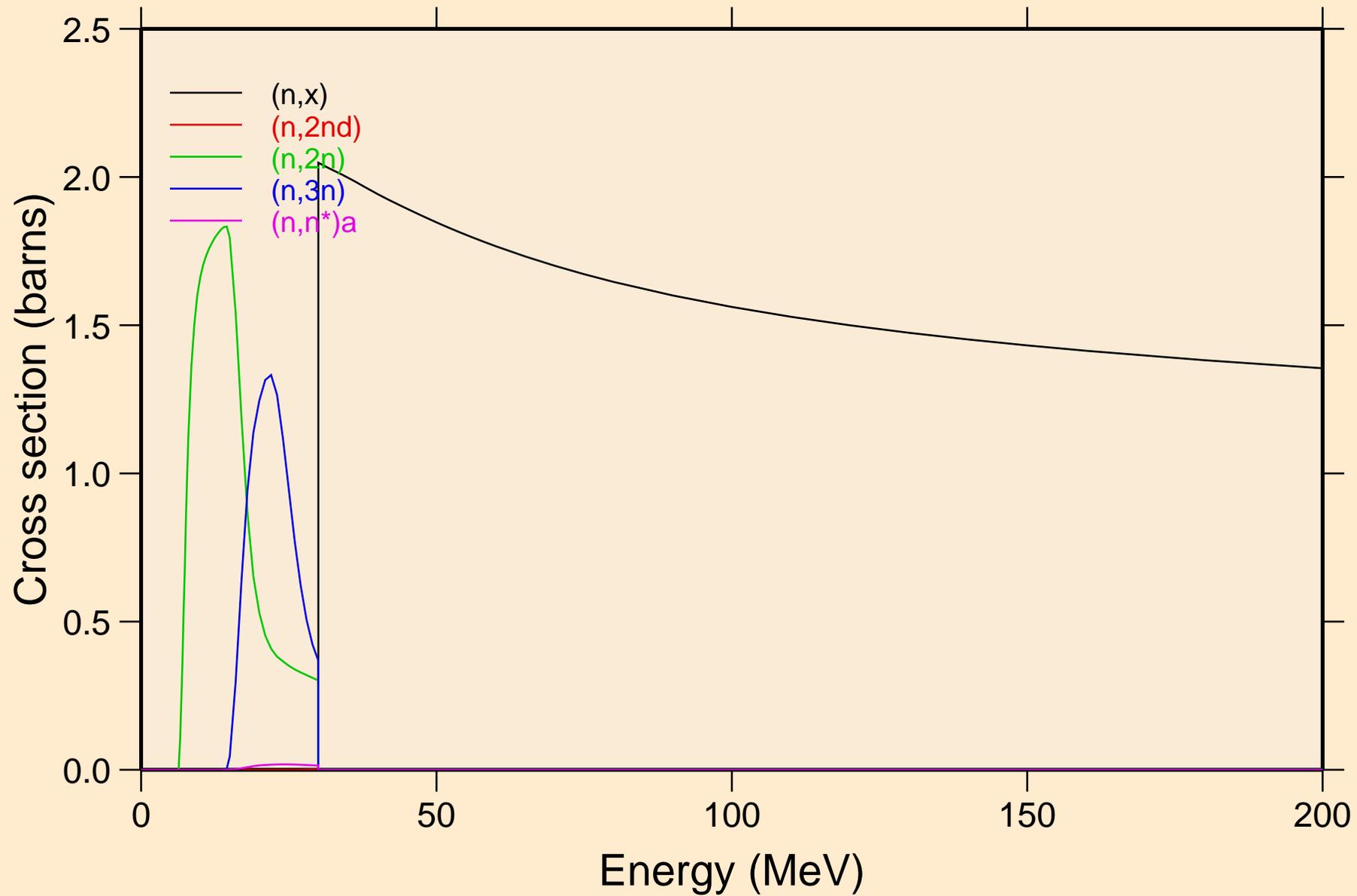
# EU152 NRG TENDL-2015, AKONING

## Inelastic levels



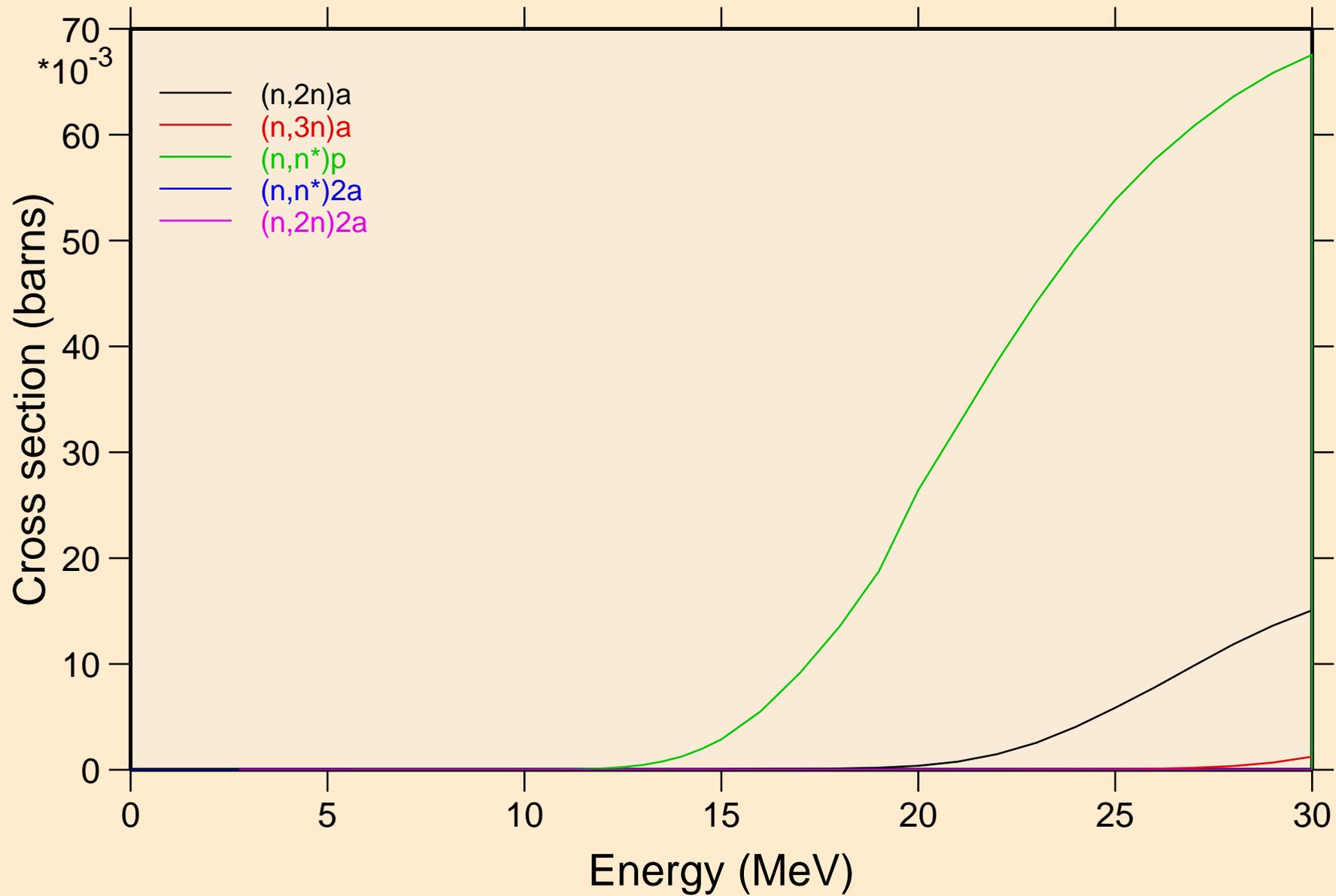
# EU152 NRG TENDL-2015, AKONING

## Threshold reactions



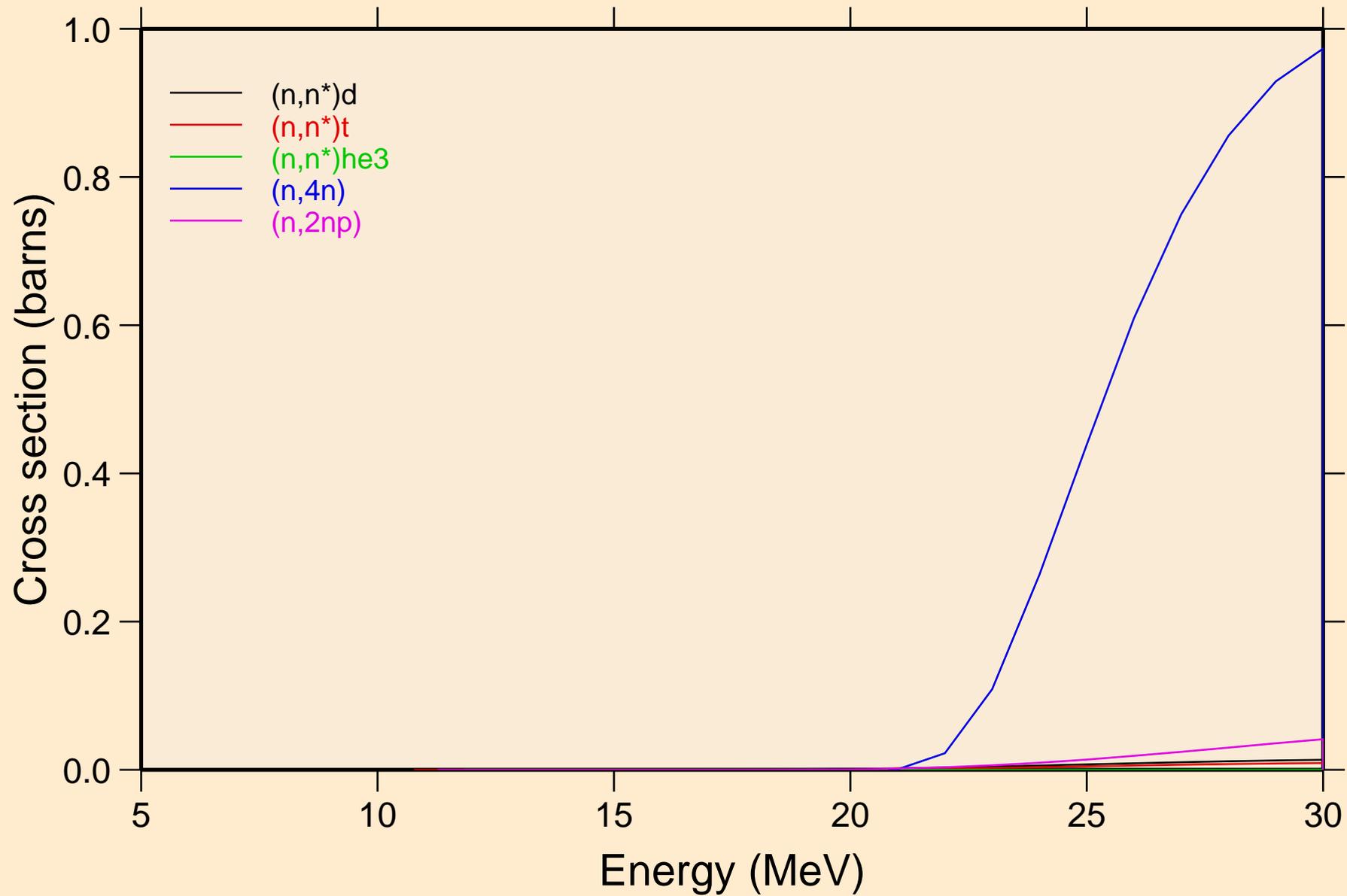
# EU152 NRG TENDL-2015, AKONING

## Threshold reactions



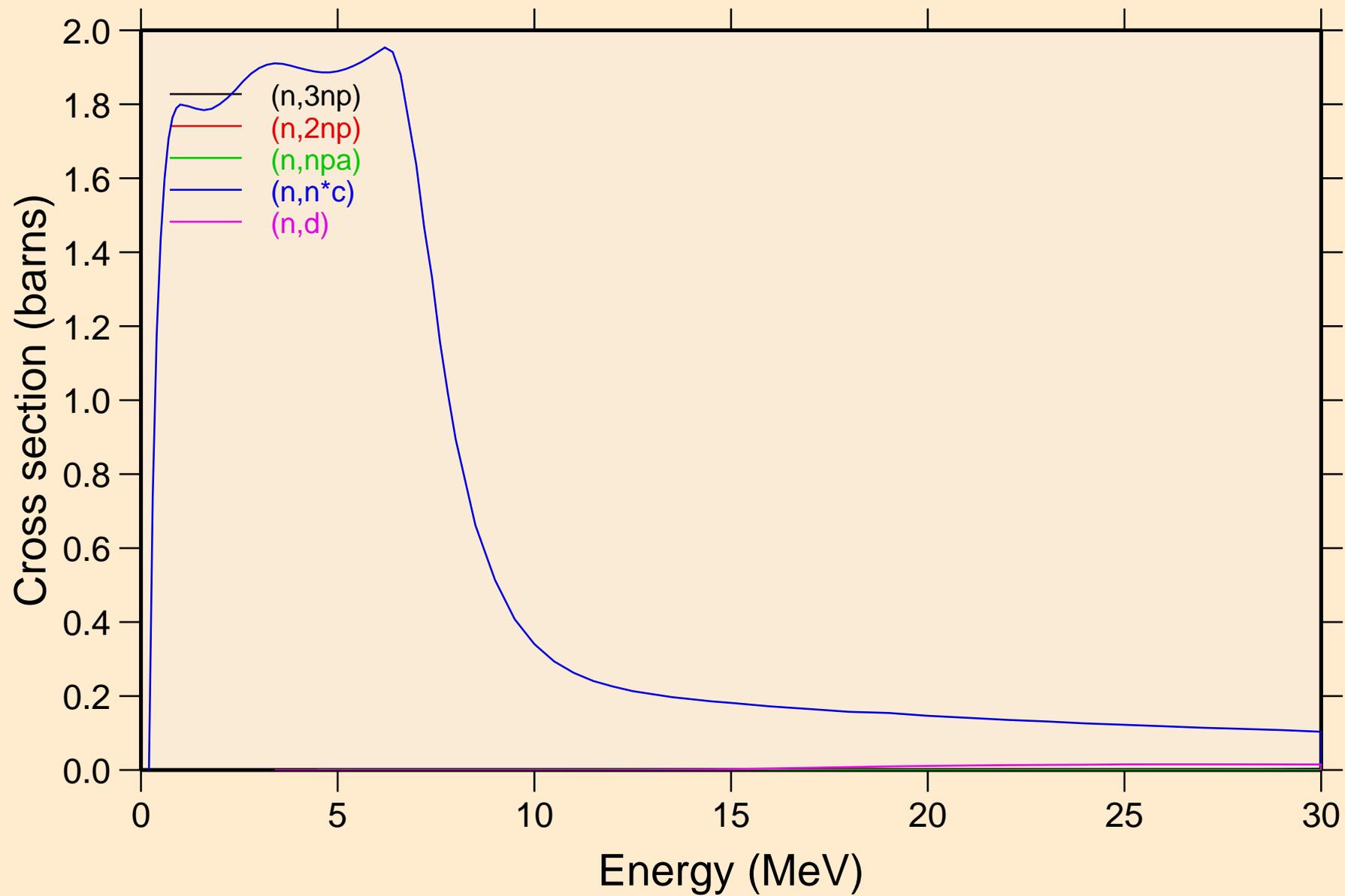
# EU152 NRG TENDL-2015, AKONING

## Threshold reactions



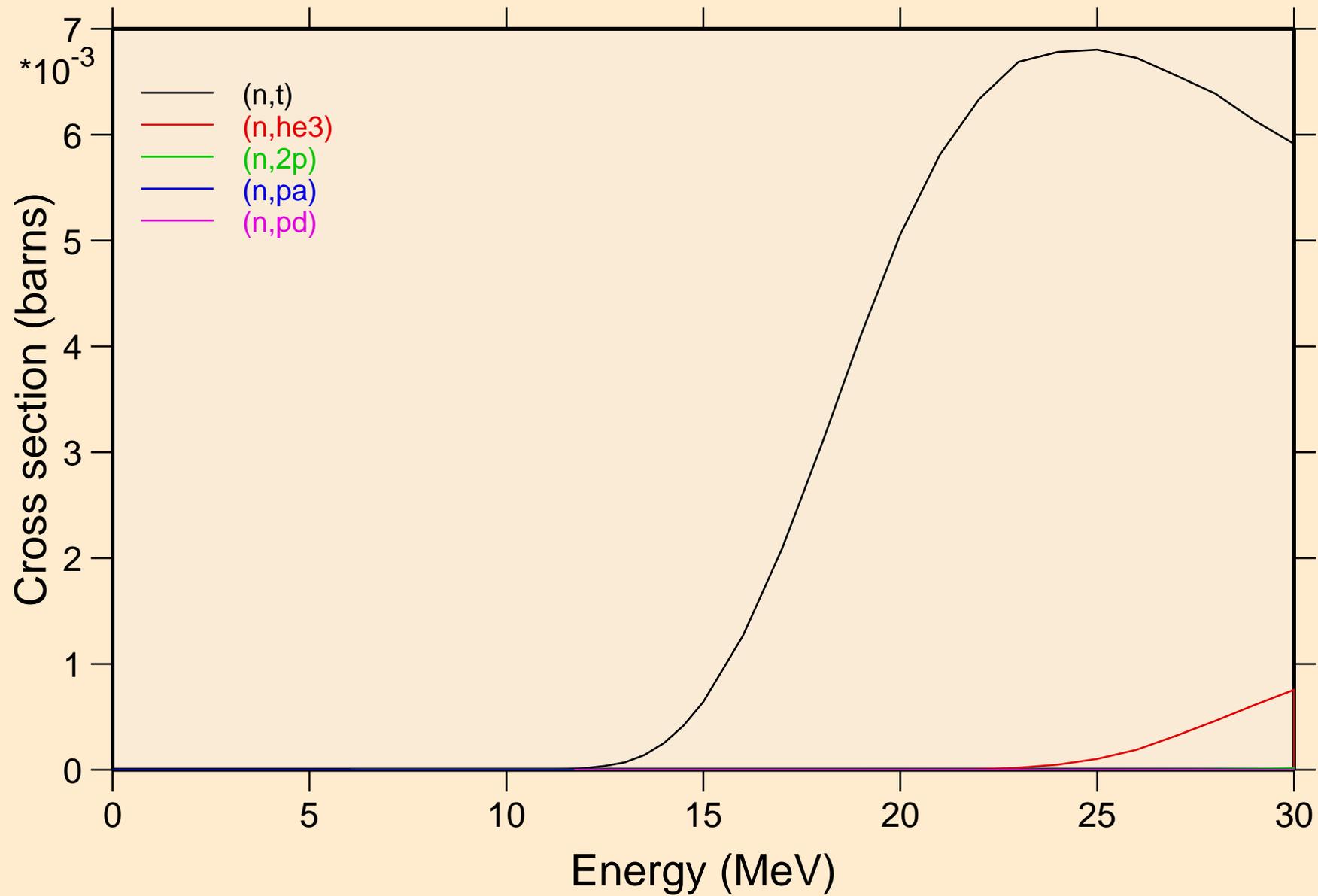
# EU152 NRG TENDL-2015, AKONING

## Threshold reactions



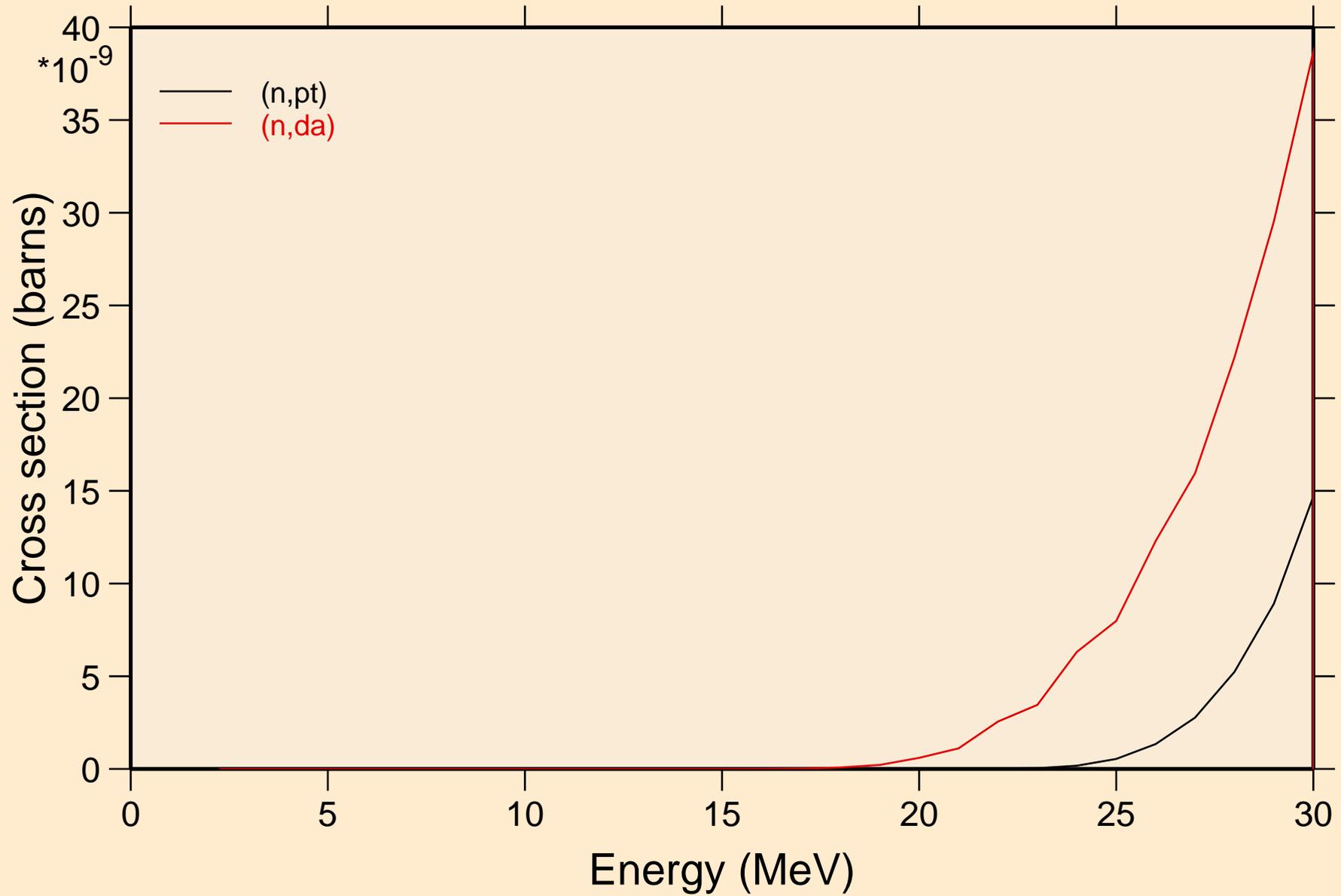
# EU152 NRG TENDL-2015, AKONING

## Threshold reactions

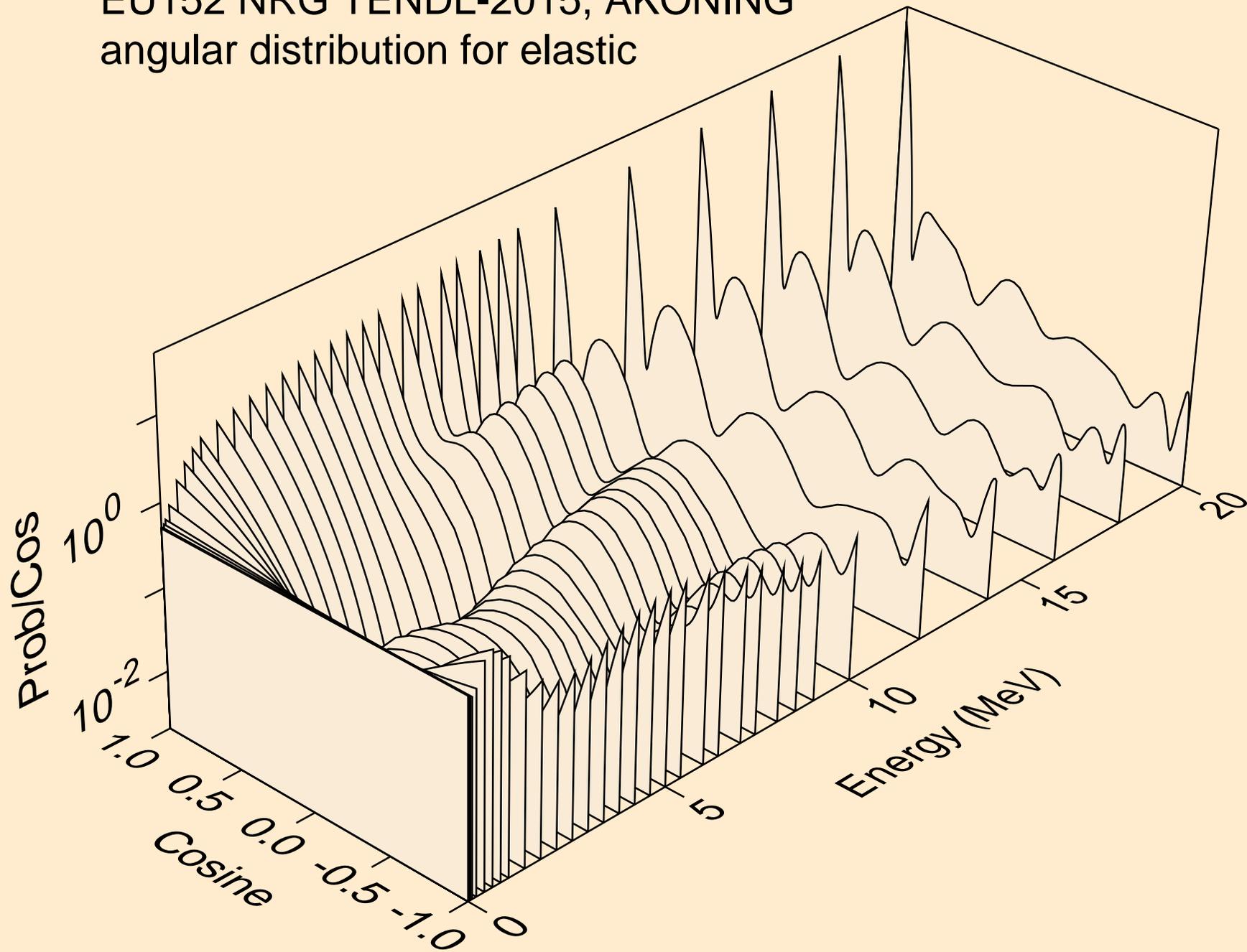


# EU152 NRG TENDL-2015, AKONING

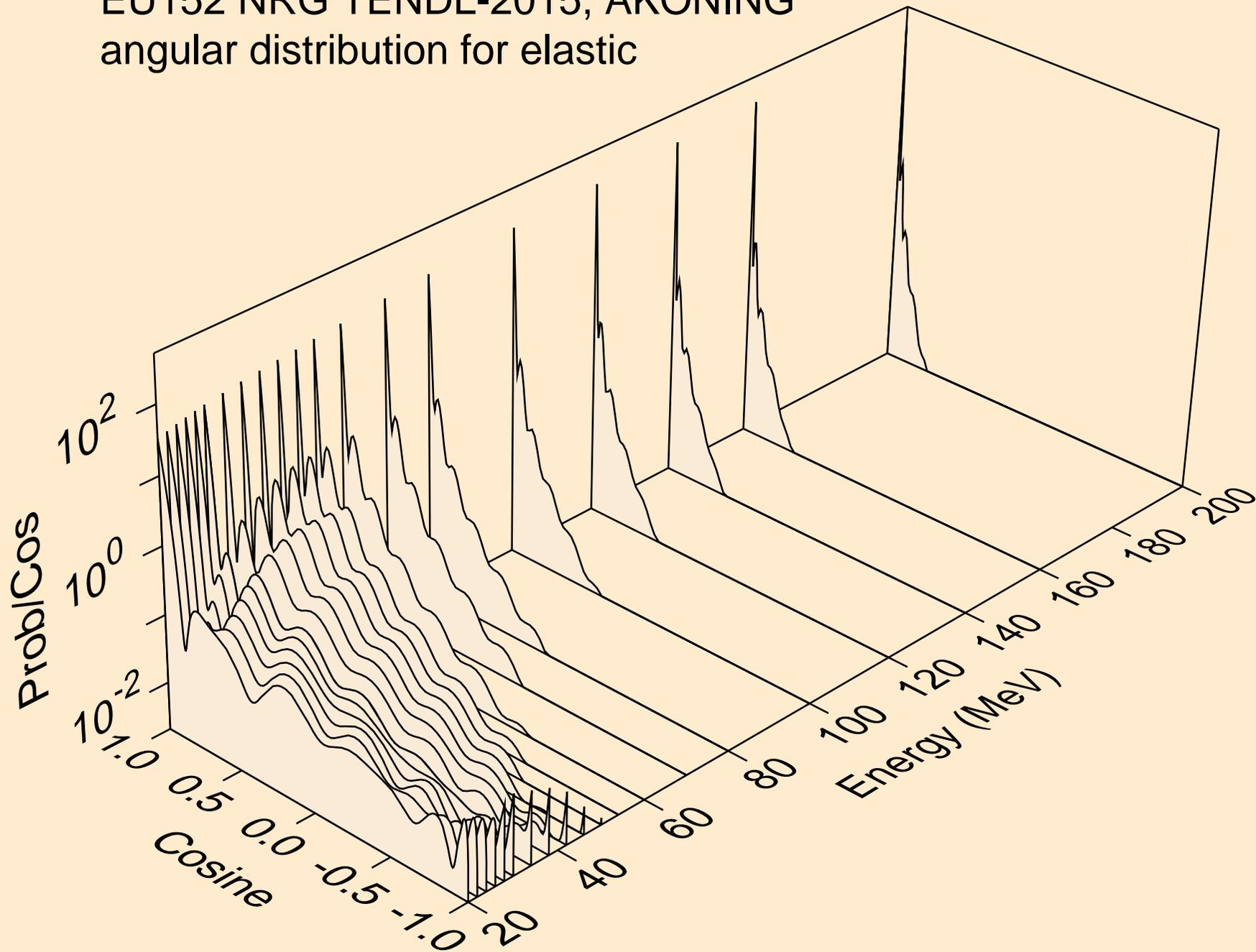
## Threshold reactions



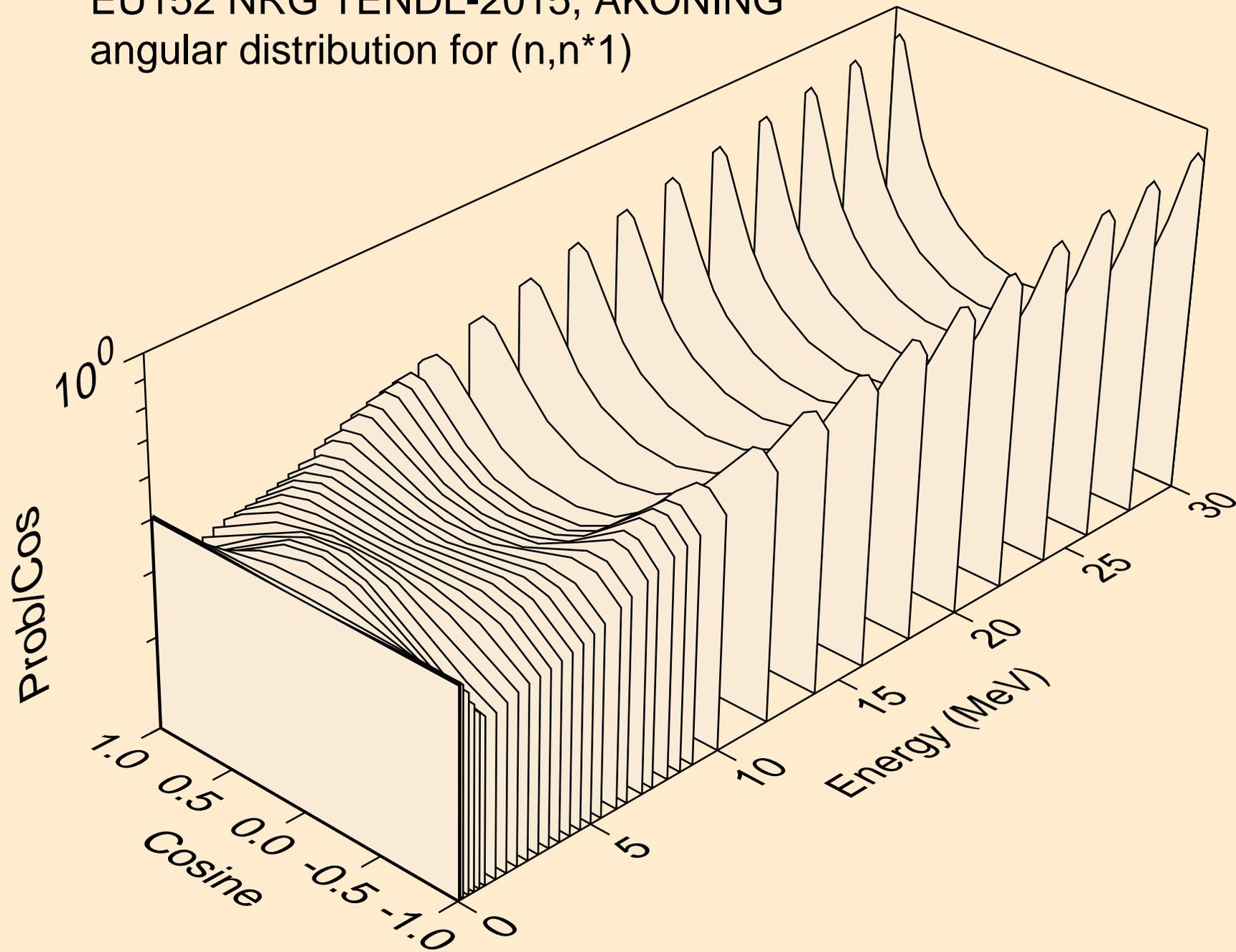
EU152 NRG TENDL-2015, AKONING  
angular distribution for elastic



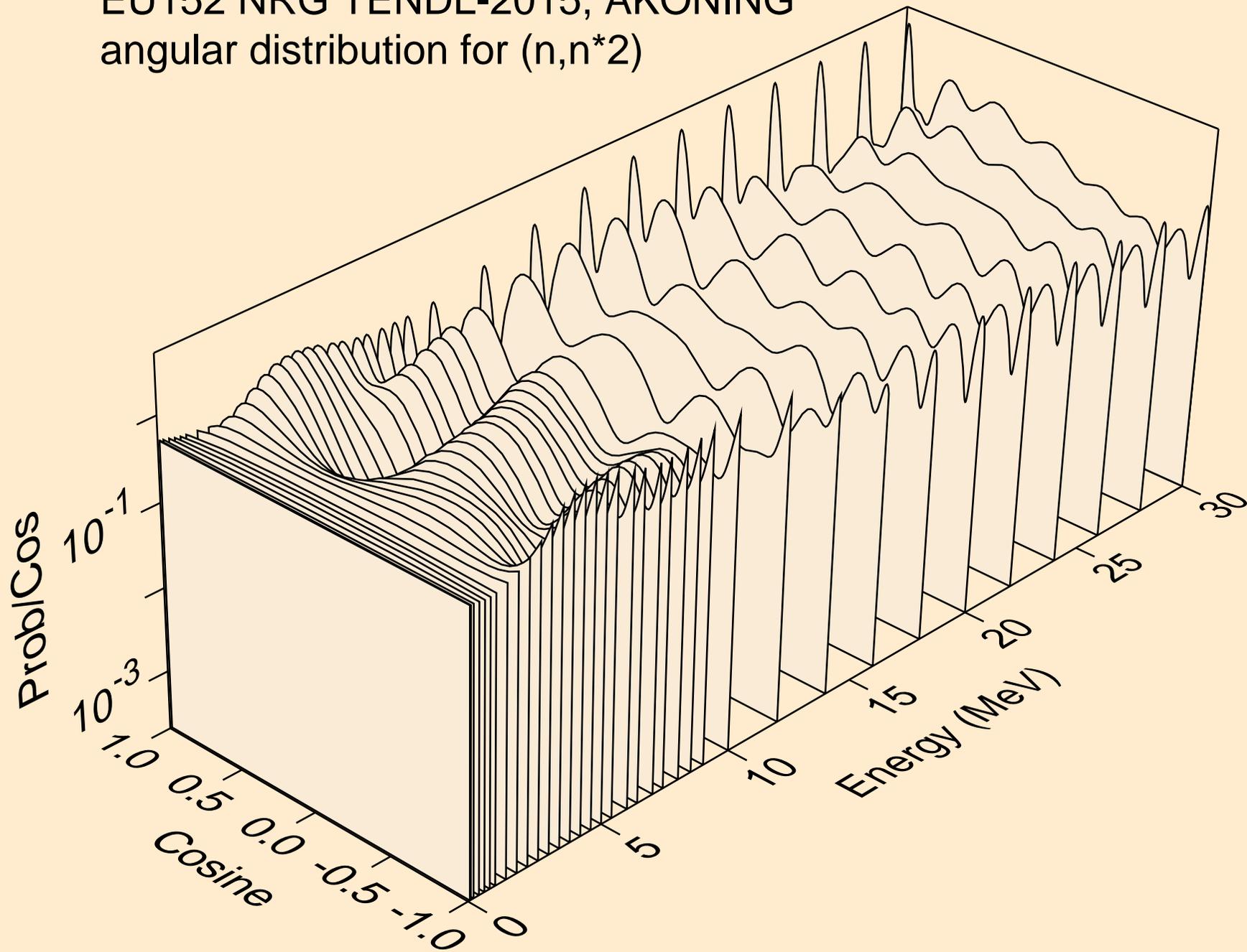
EU152 NRG TENDL-2015, AKONING  
angular distribution for elastic



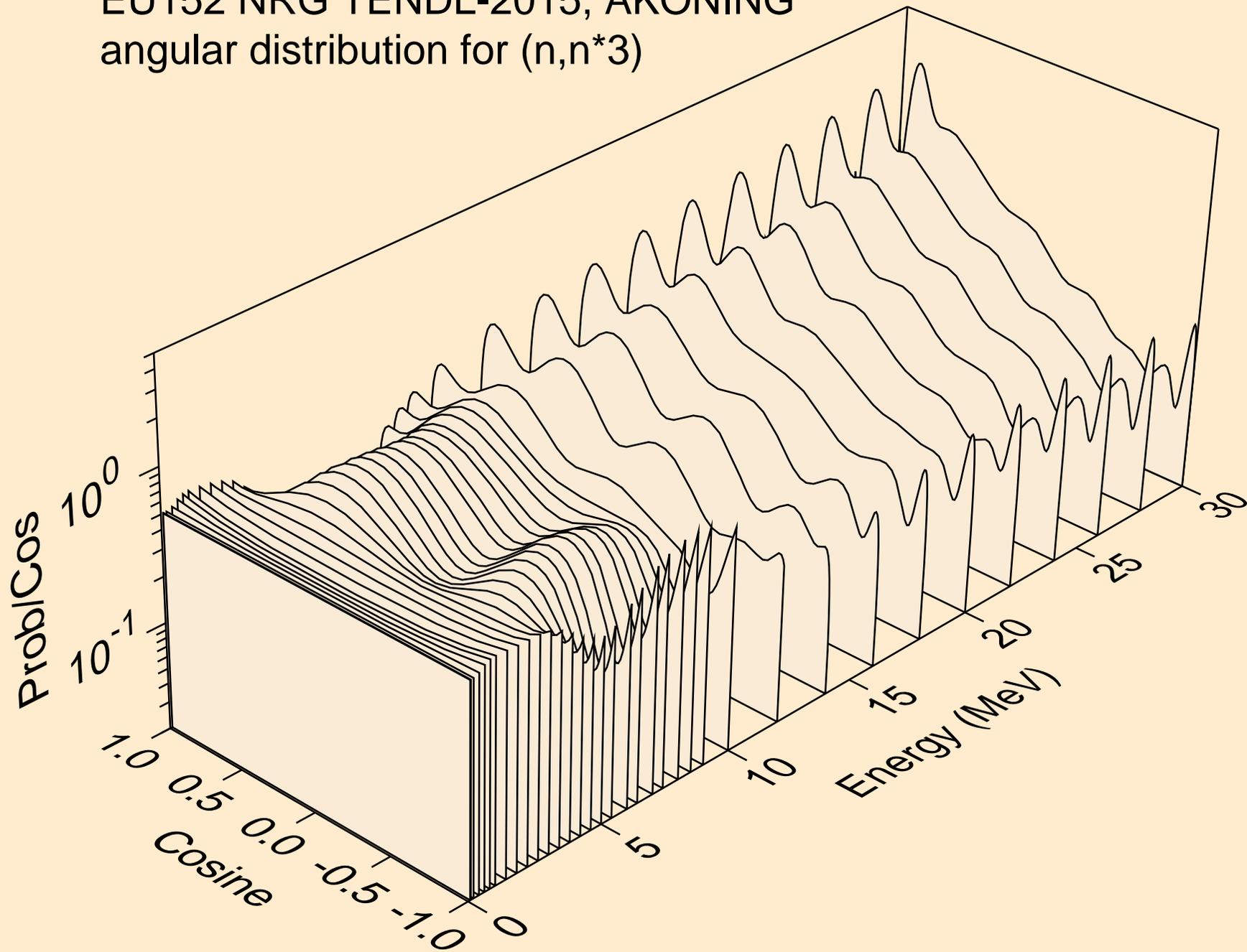
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



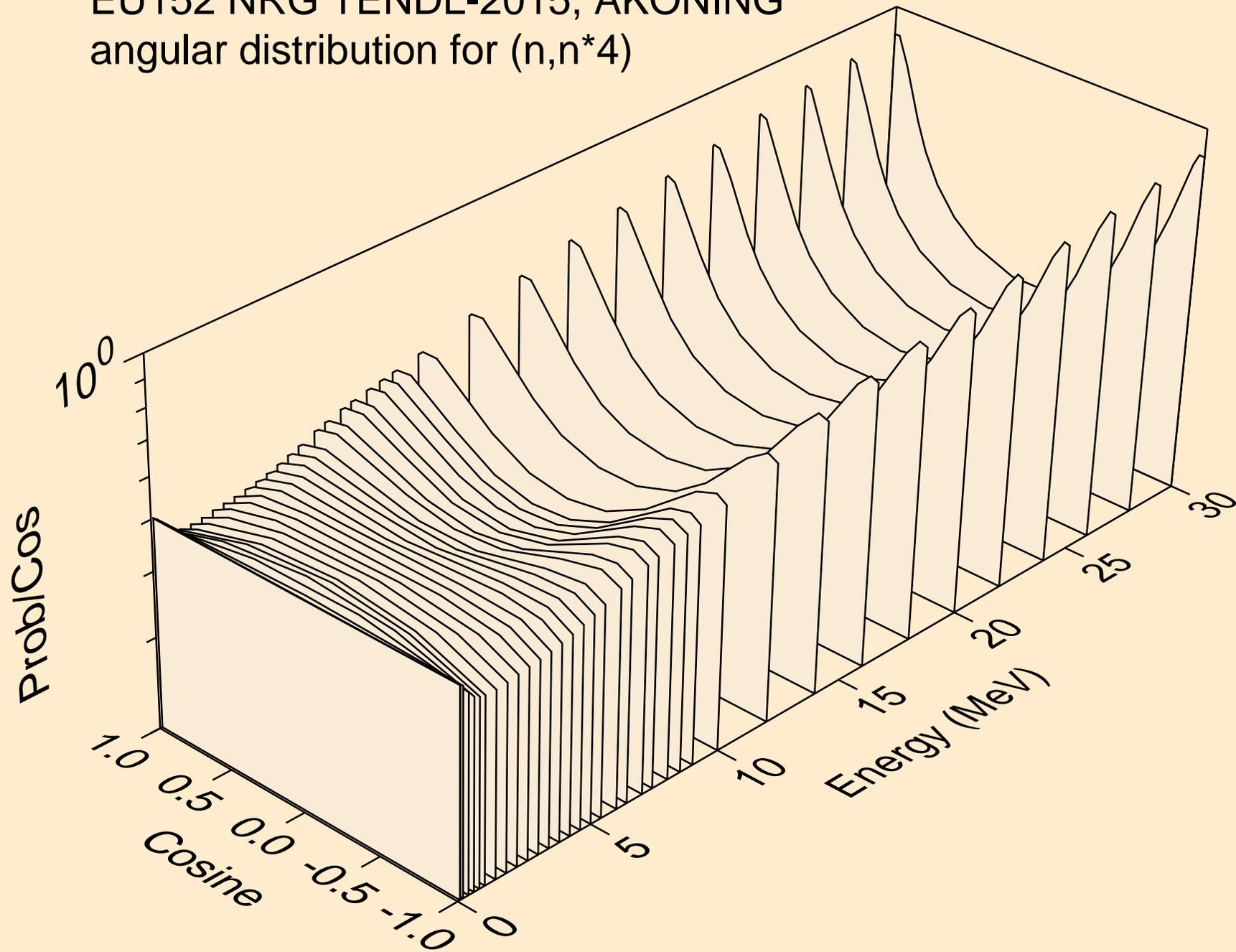
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



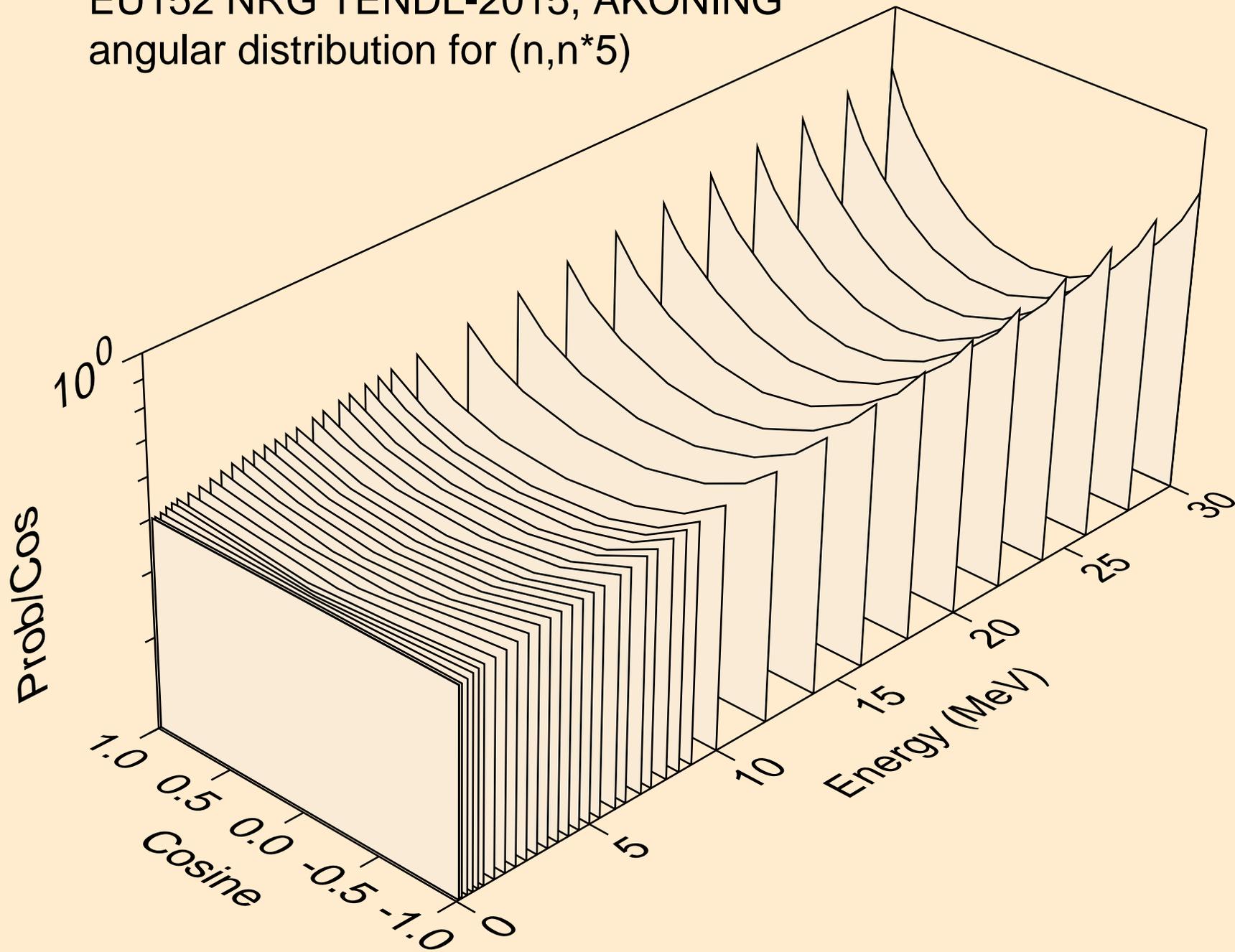
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



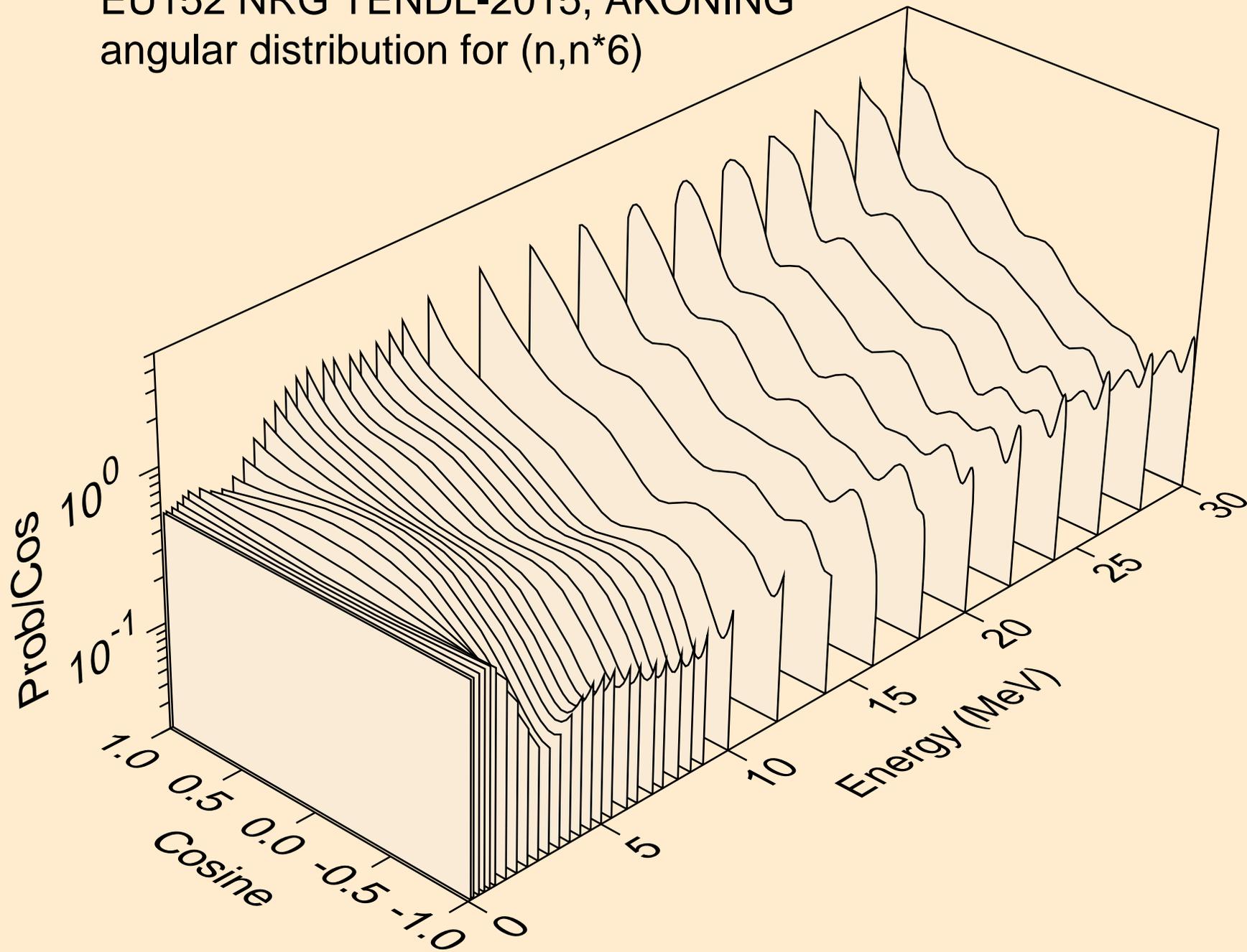
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



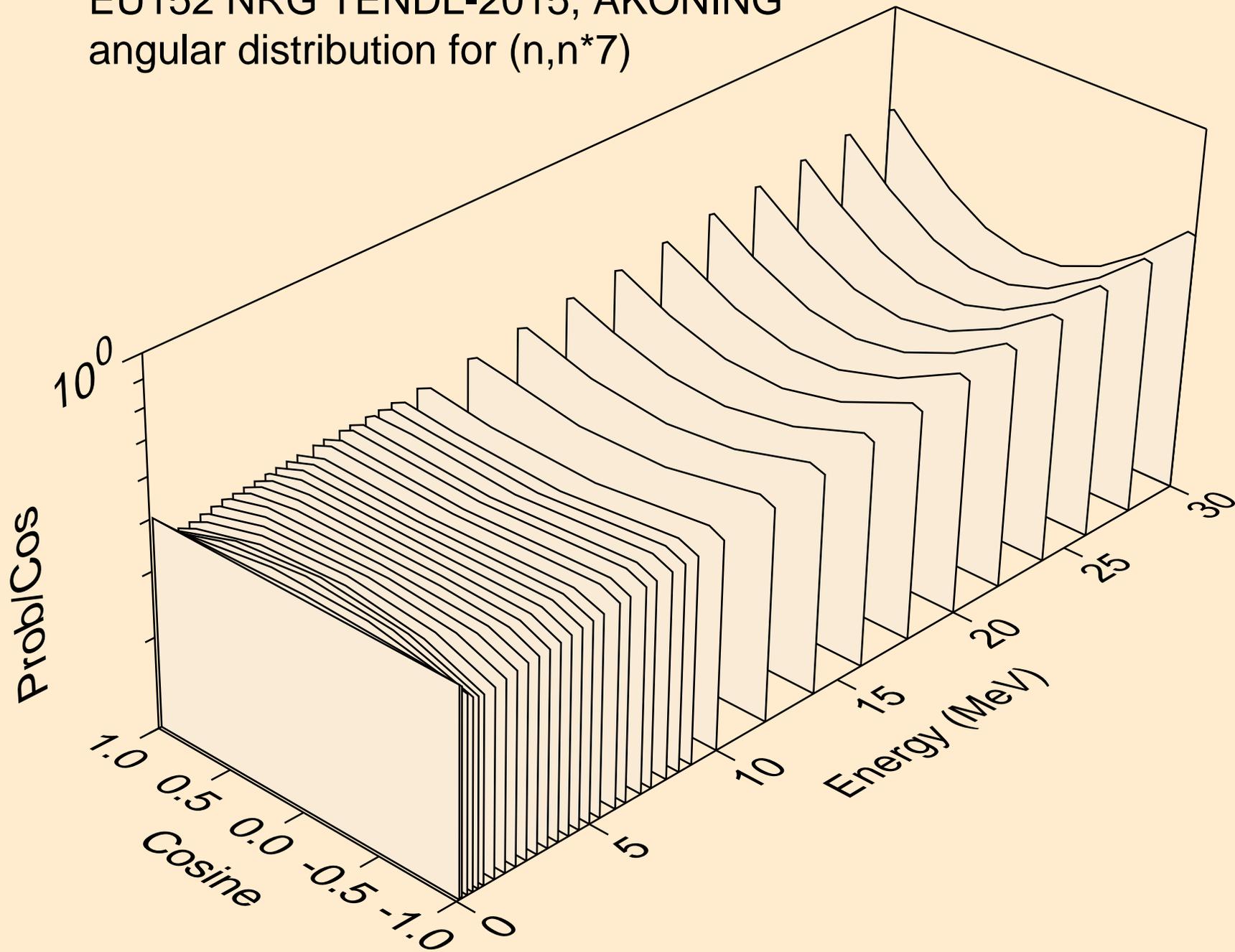
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



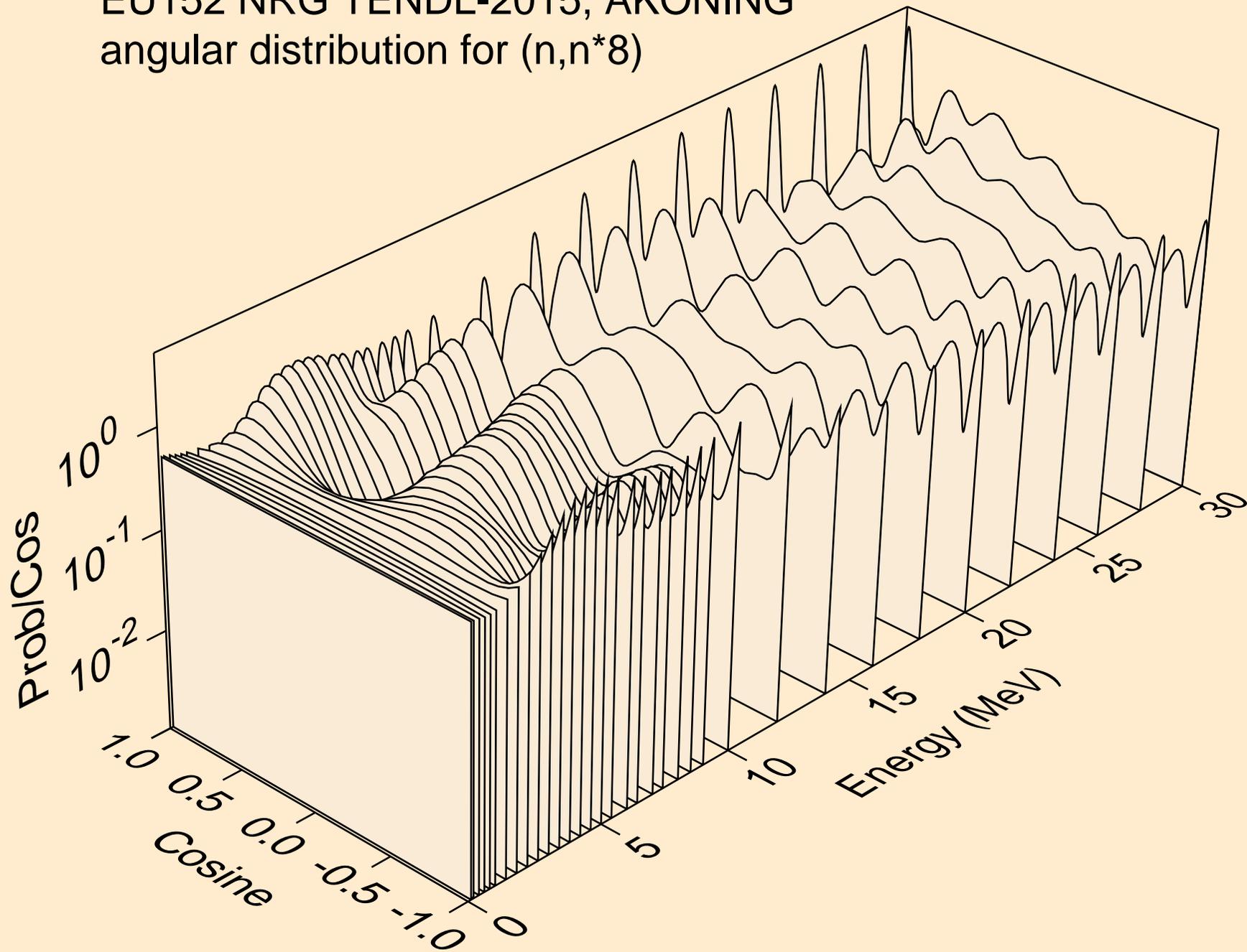
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



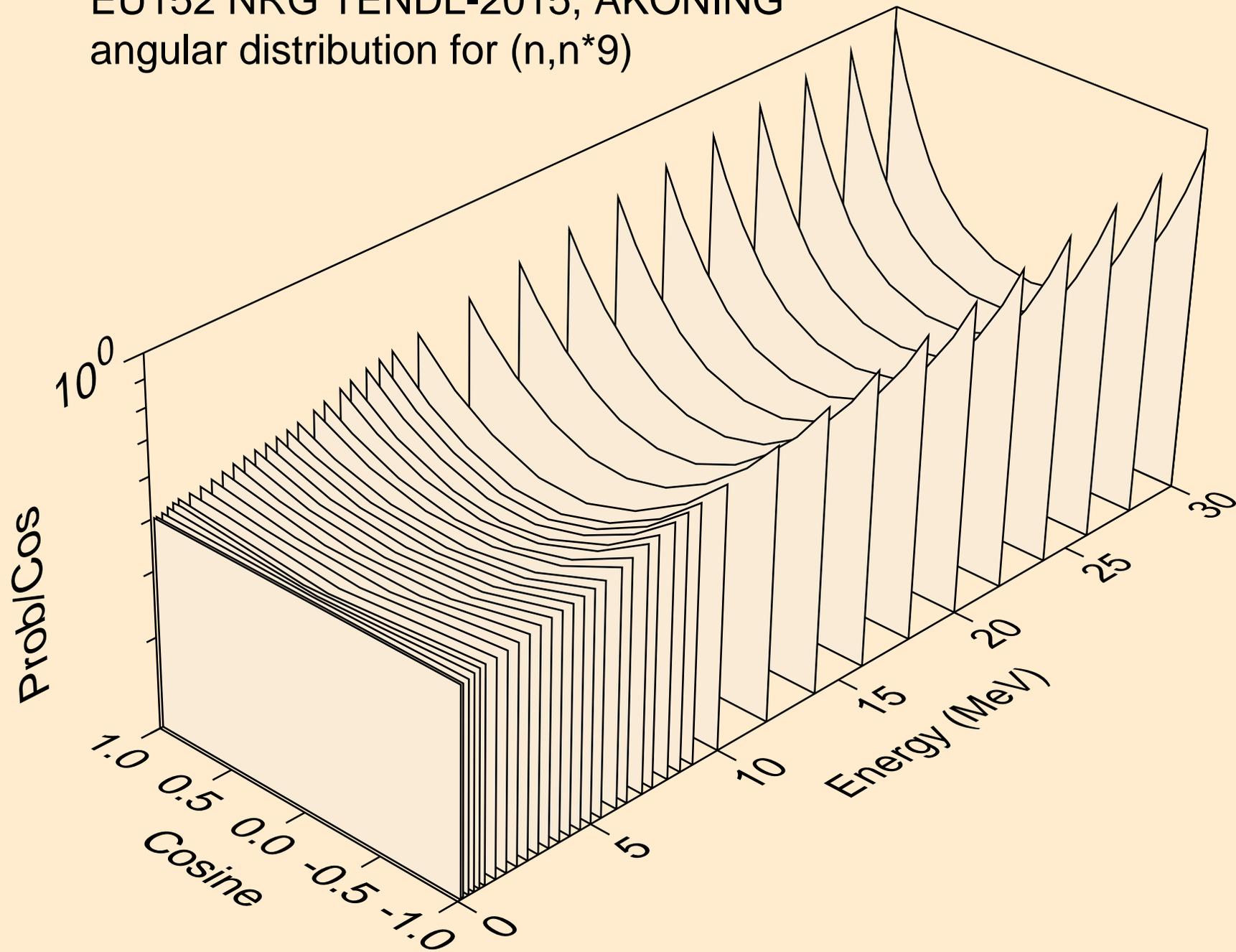
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



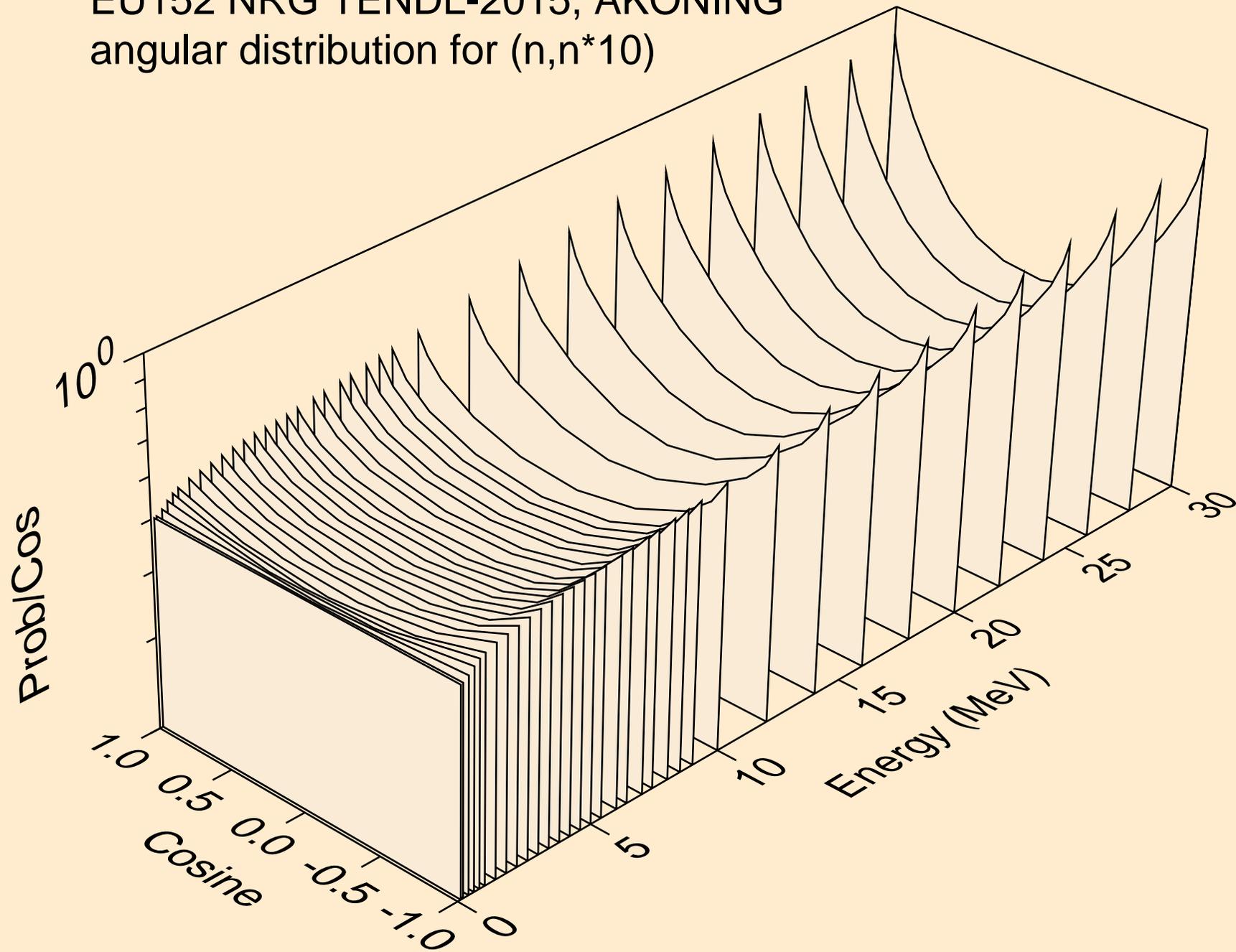
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angular distribution for (n,n\*8)



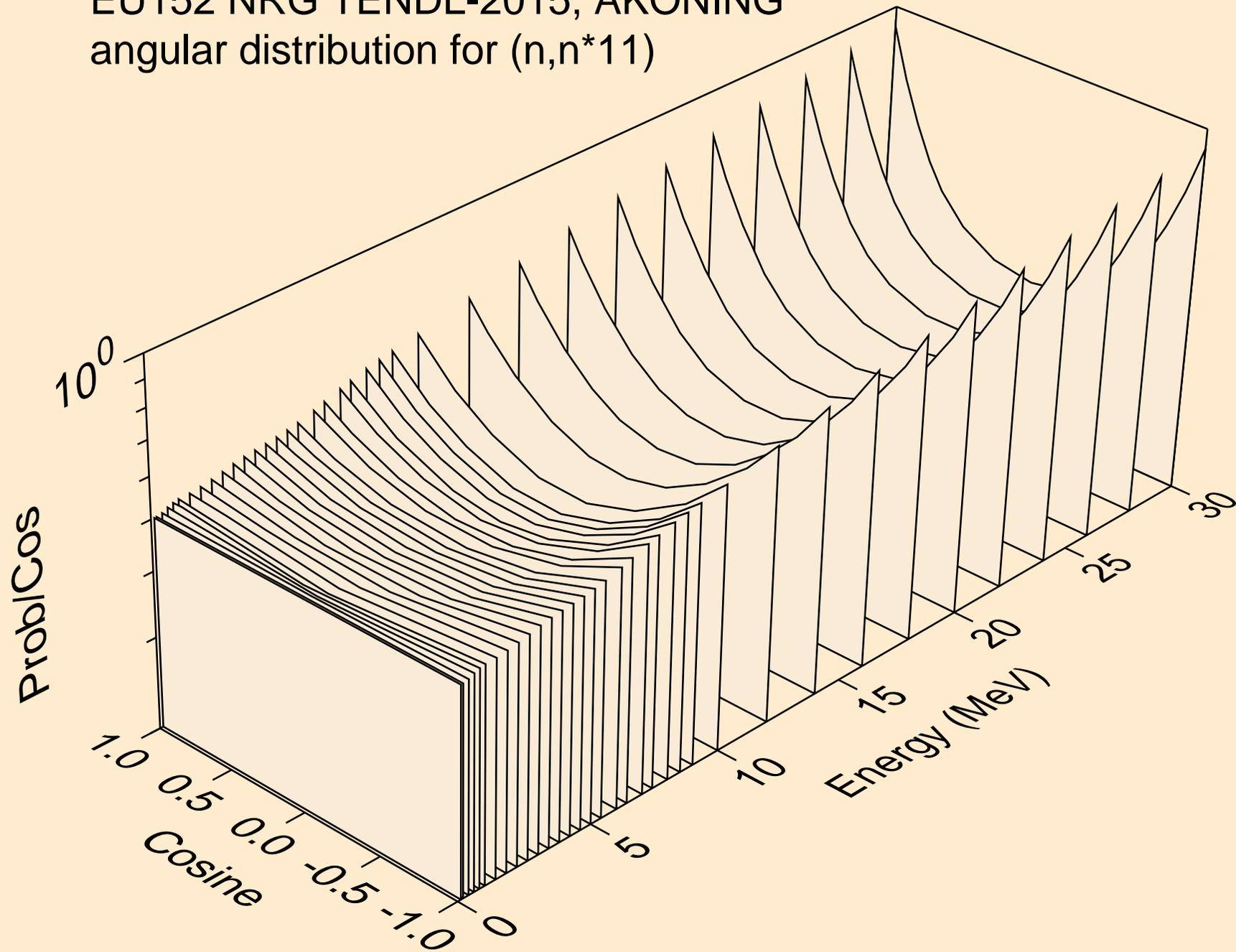
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



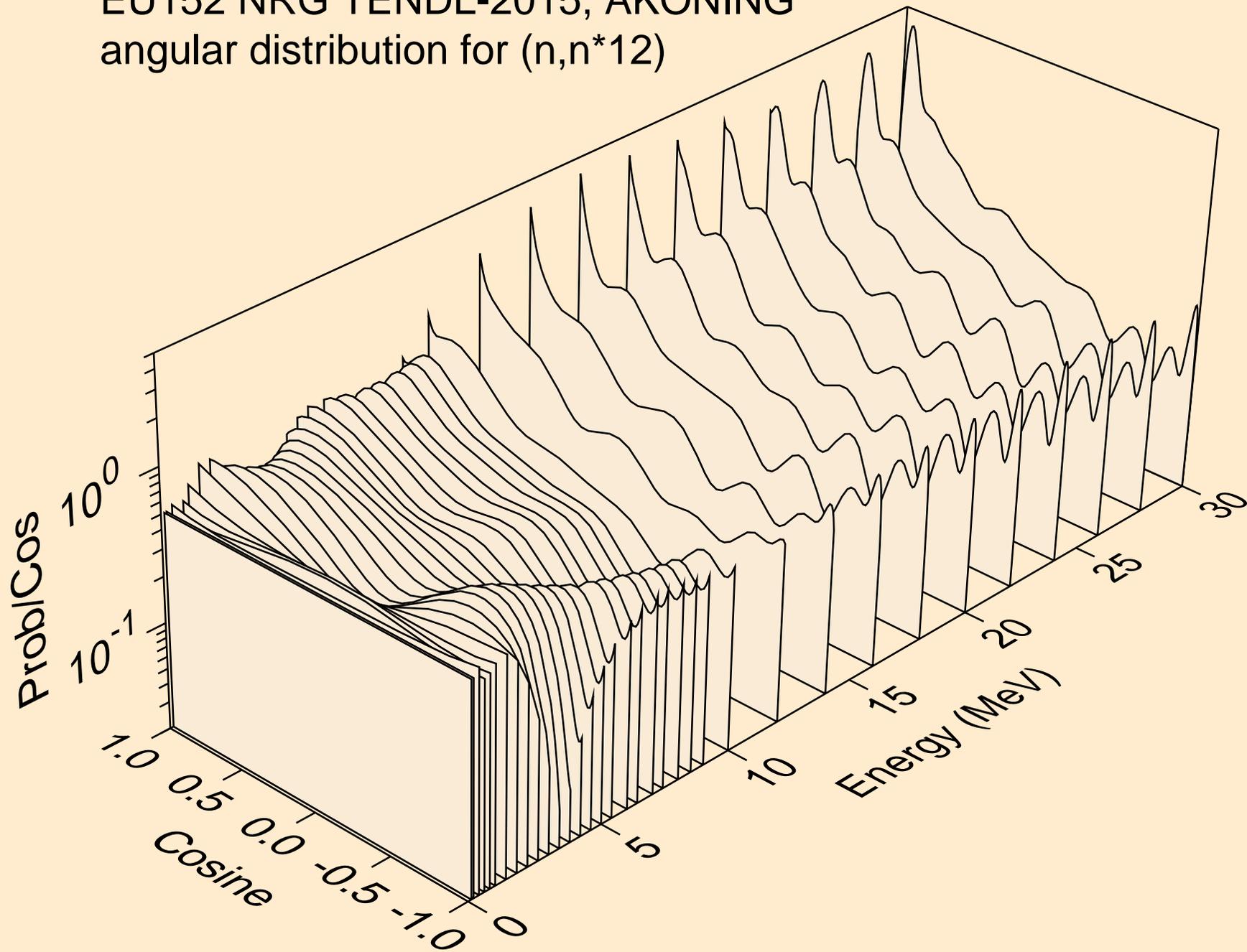
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



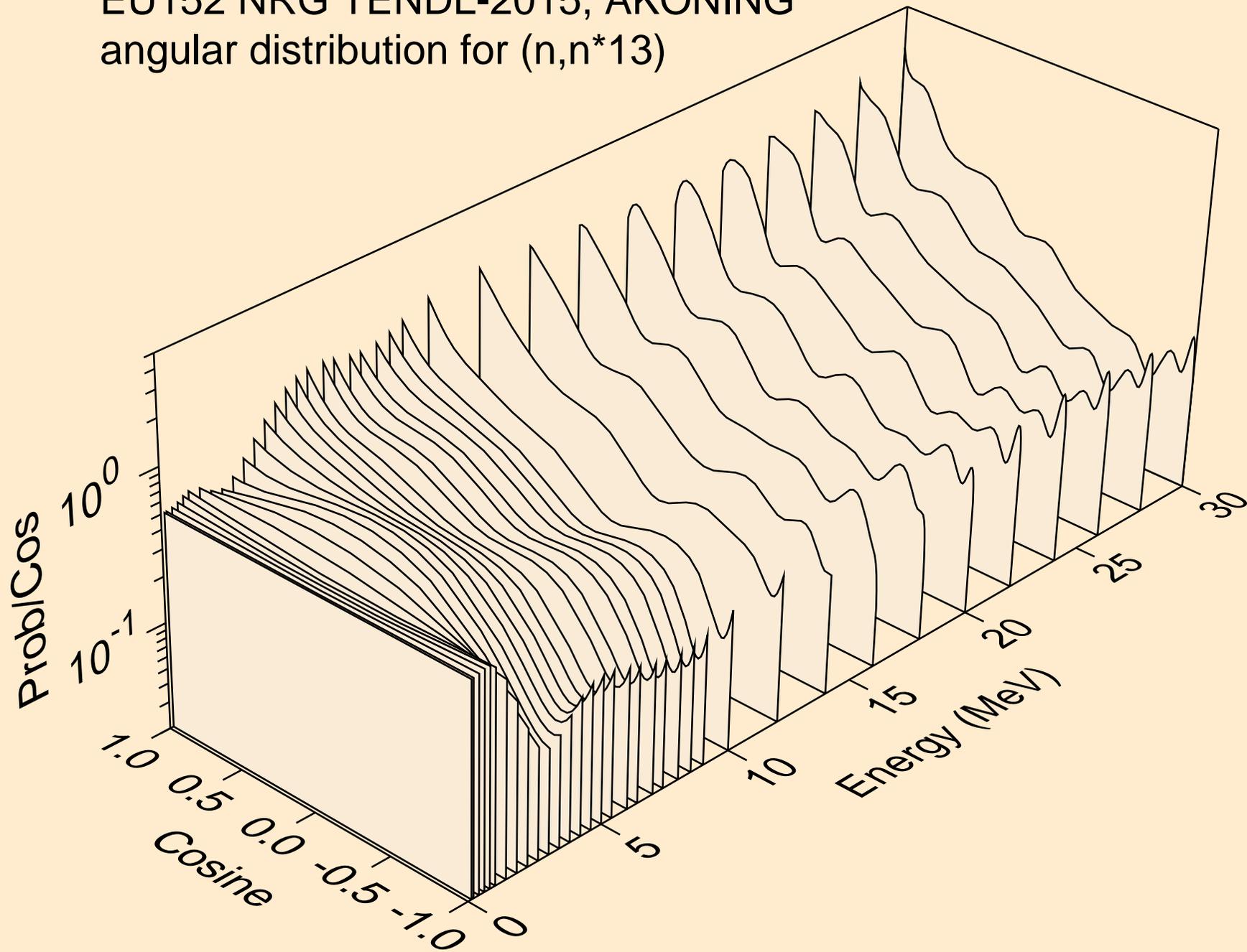
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



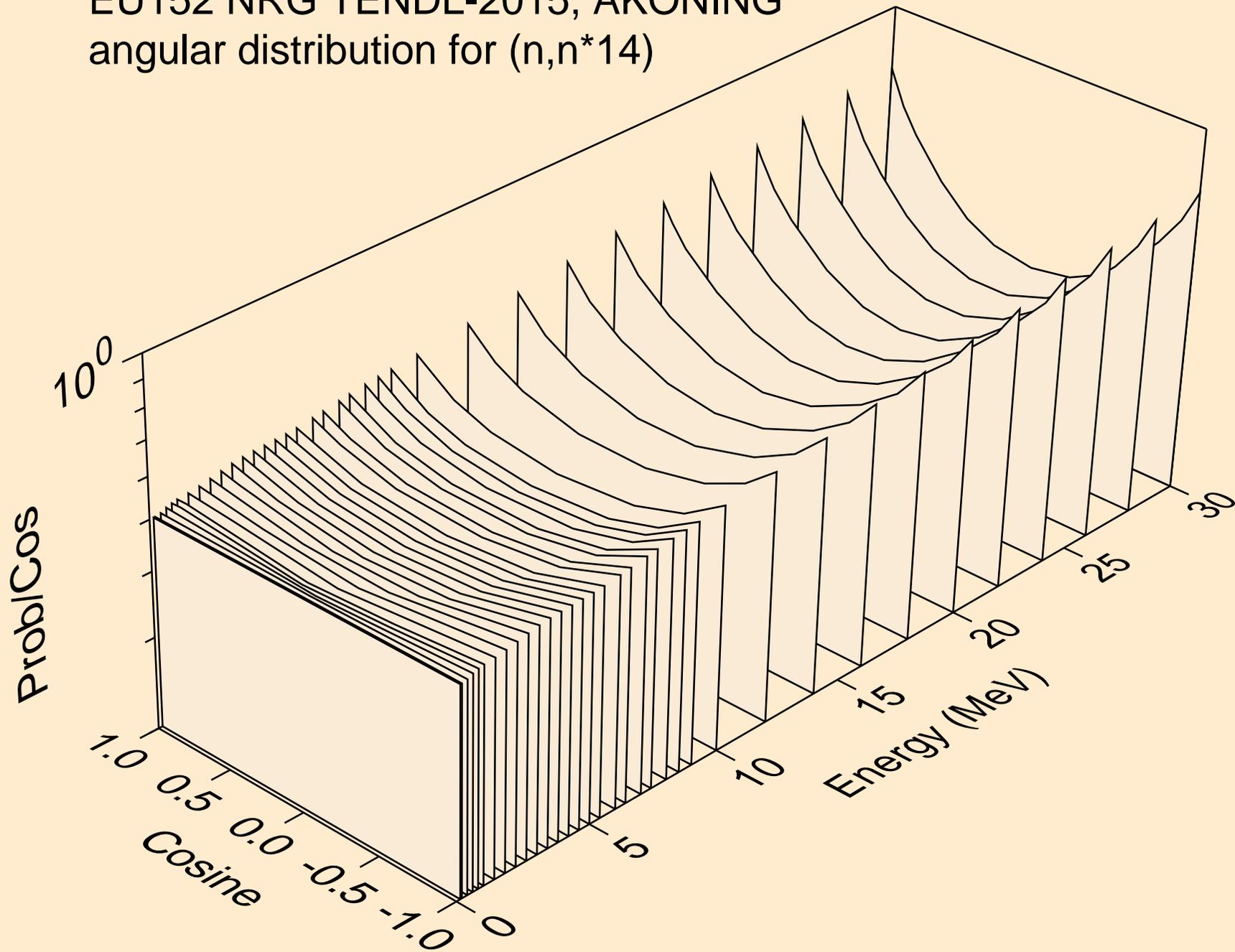
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angular distribution for (n,n\*12)



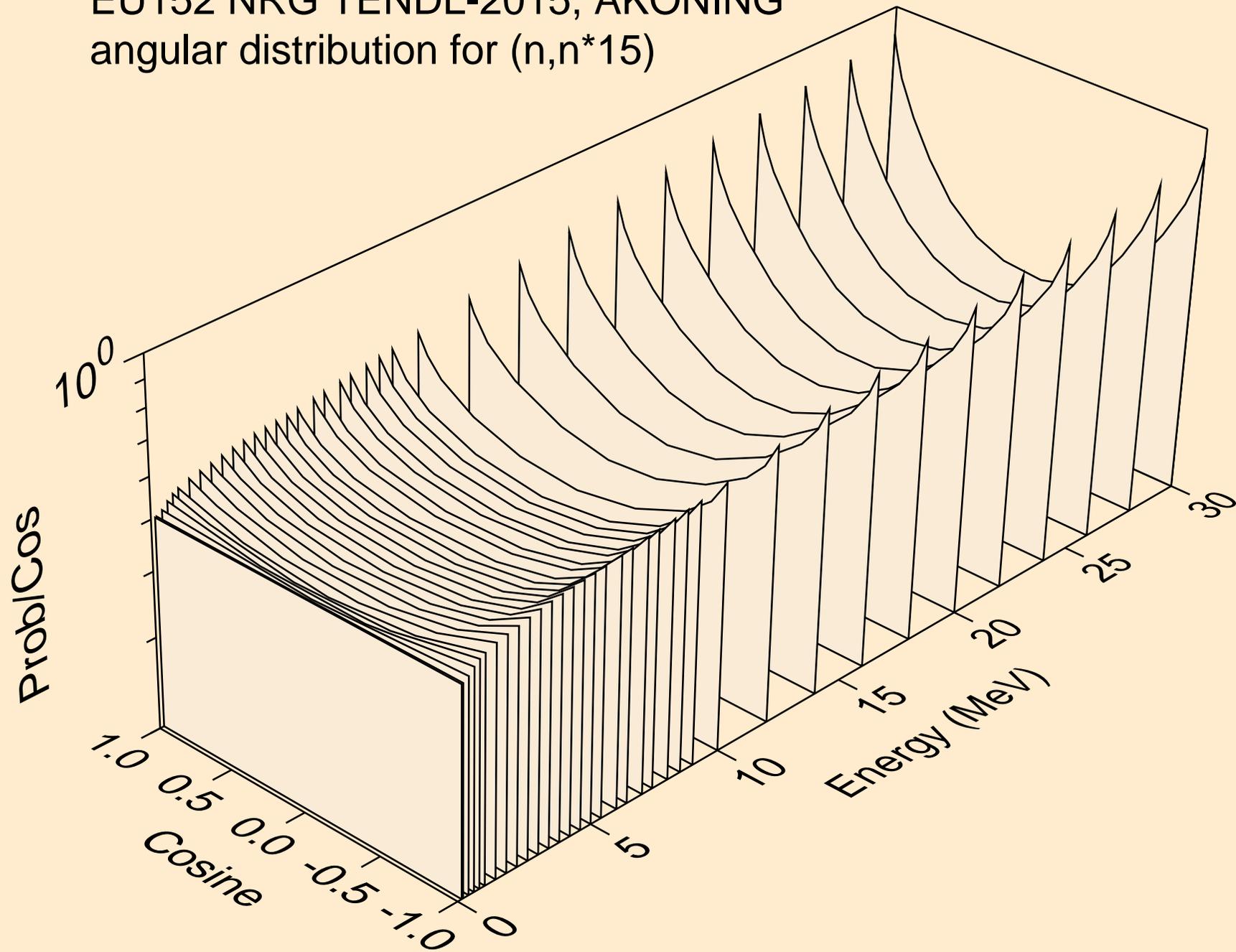
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



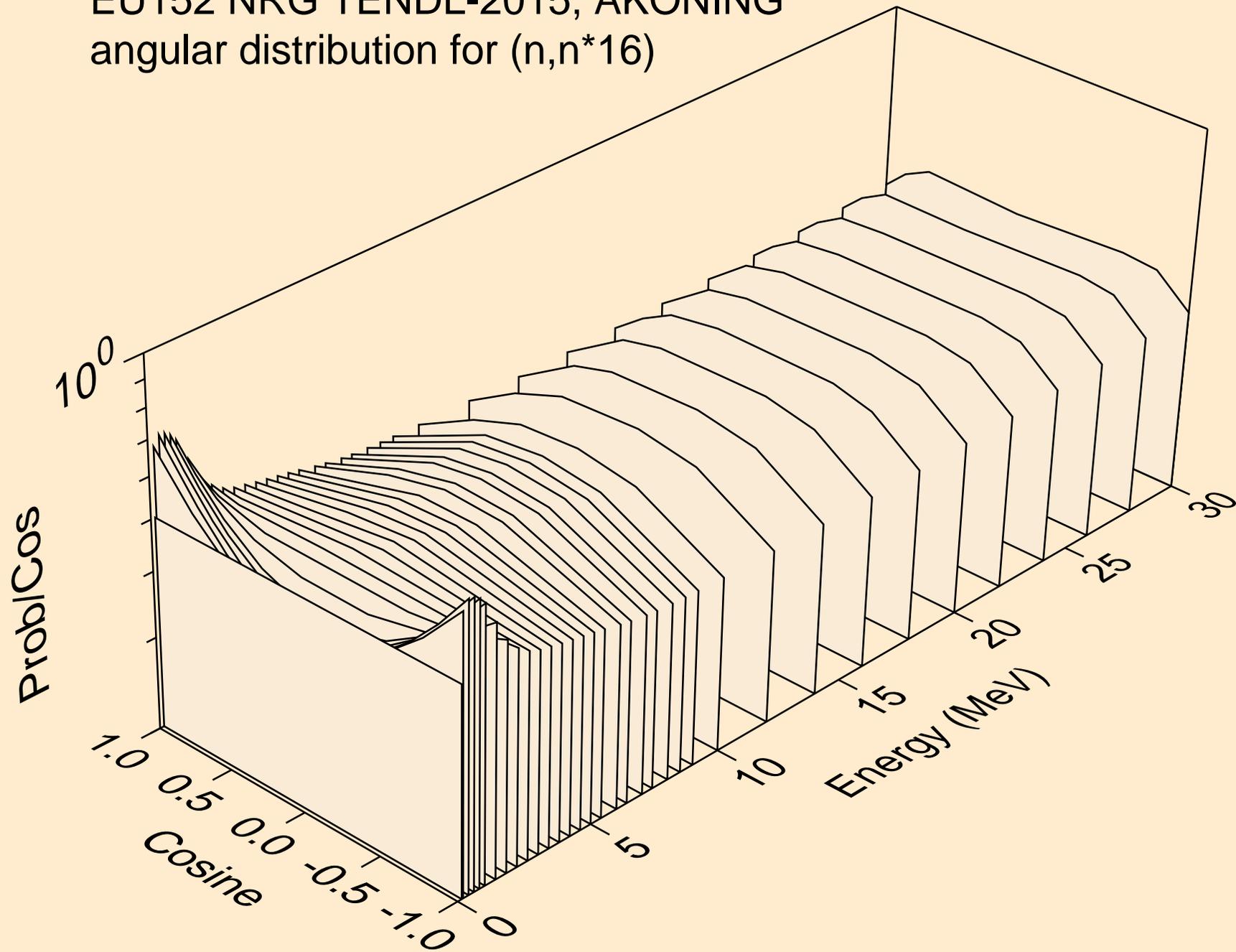
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



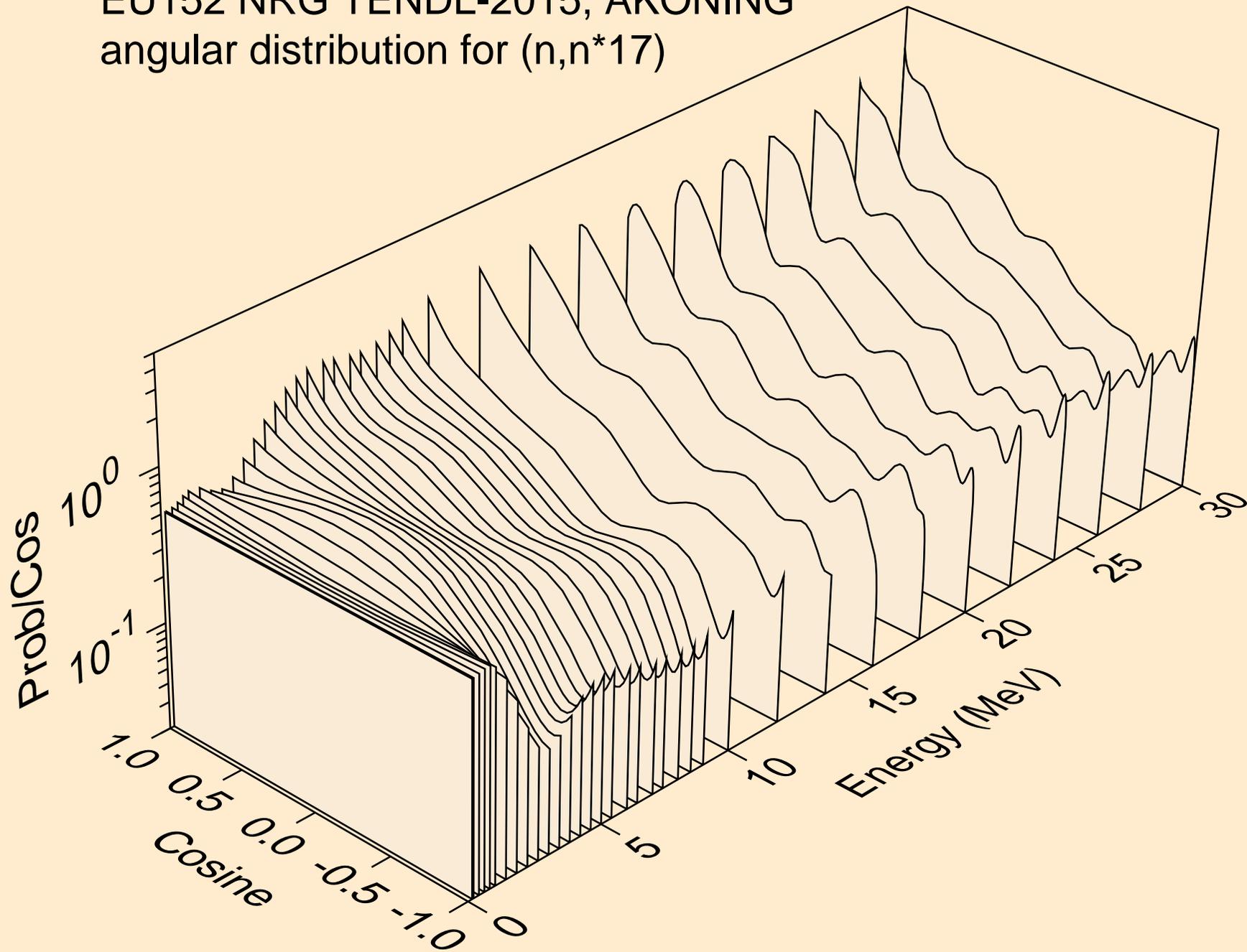
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



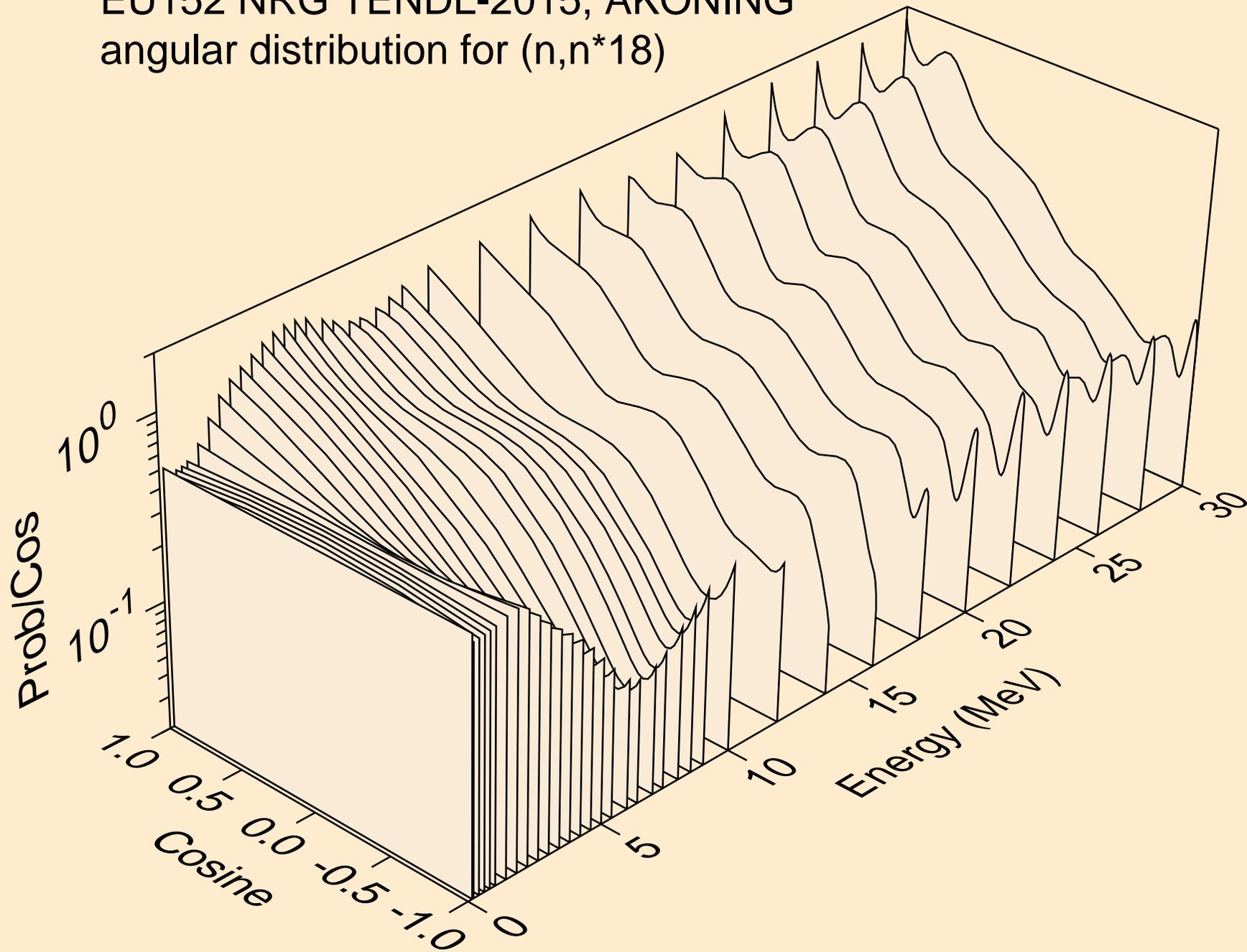
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



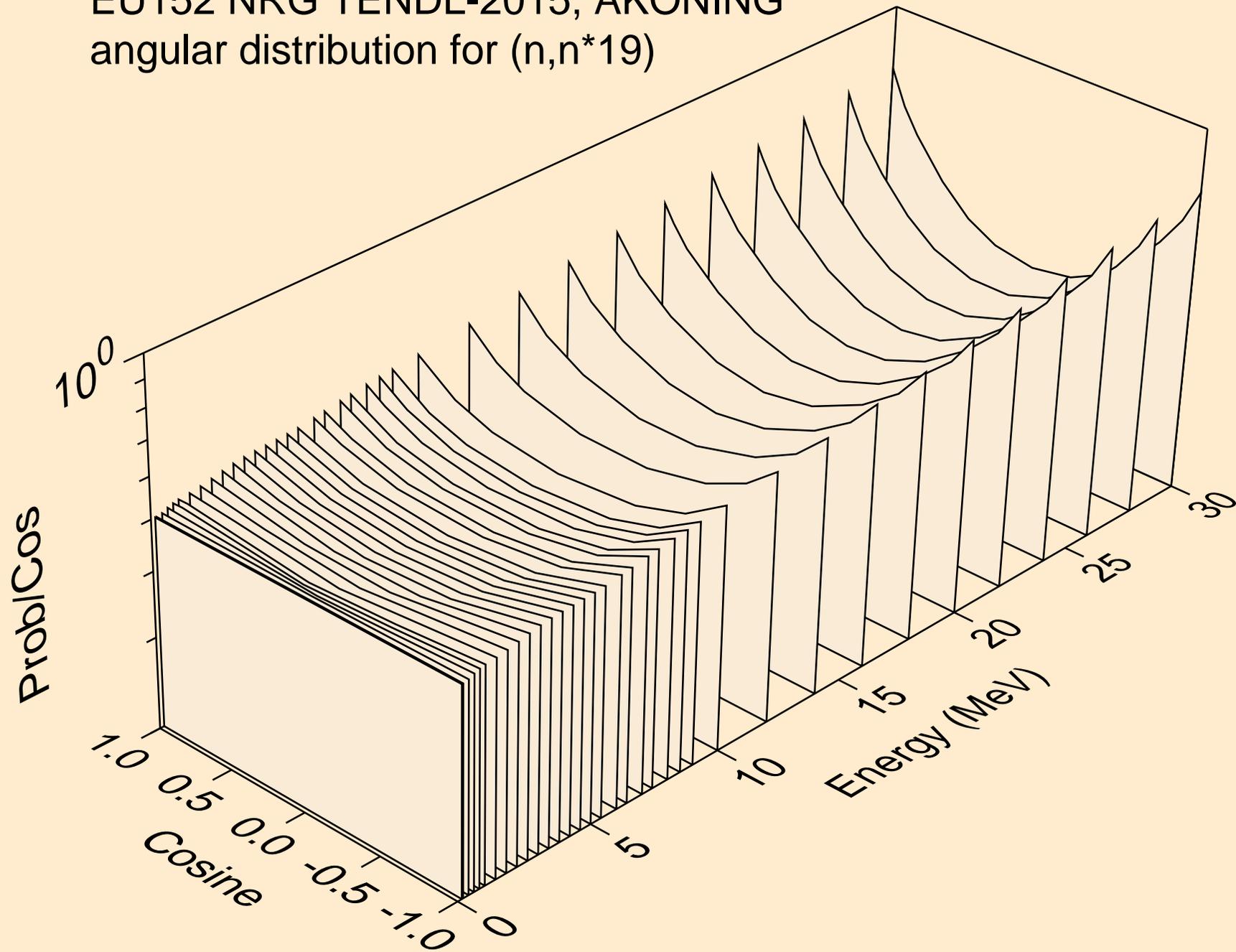
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



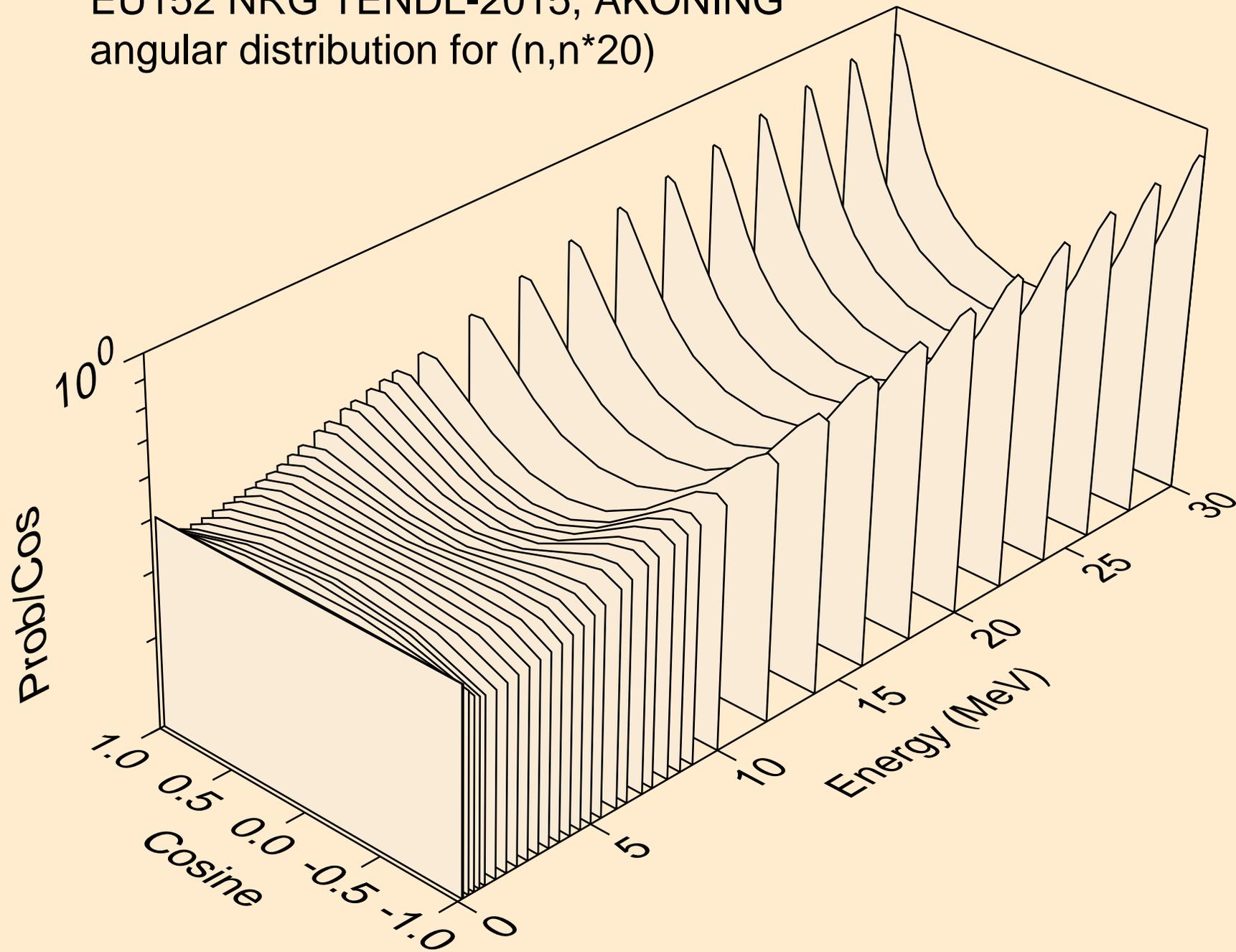
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



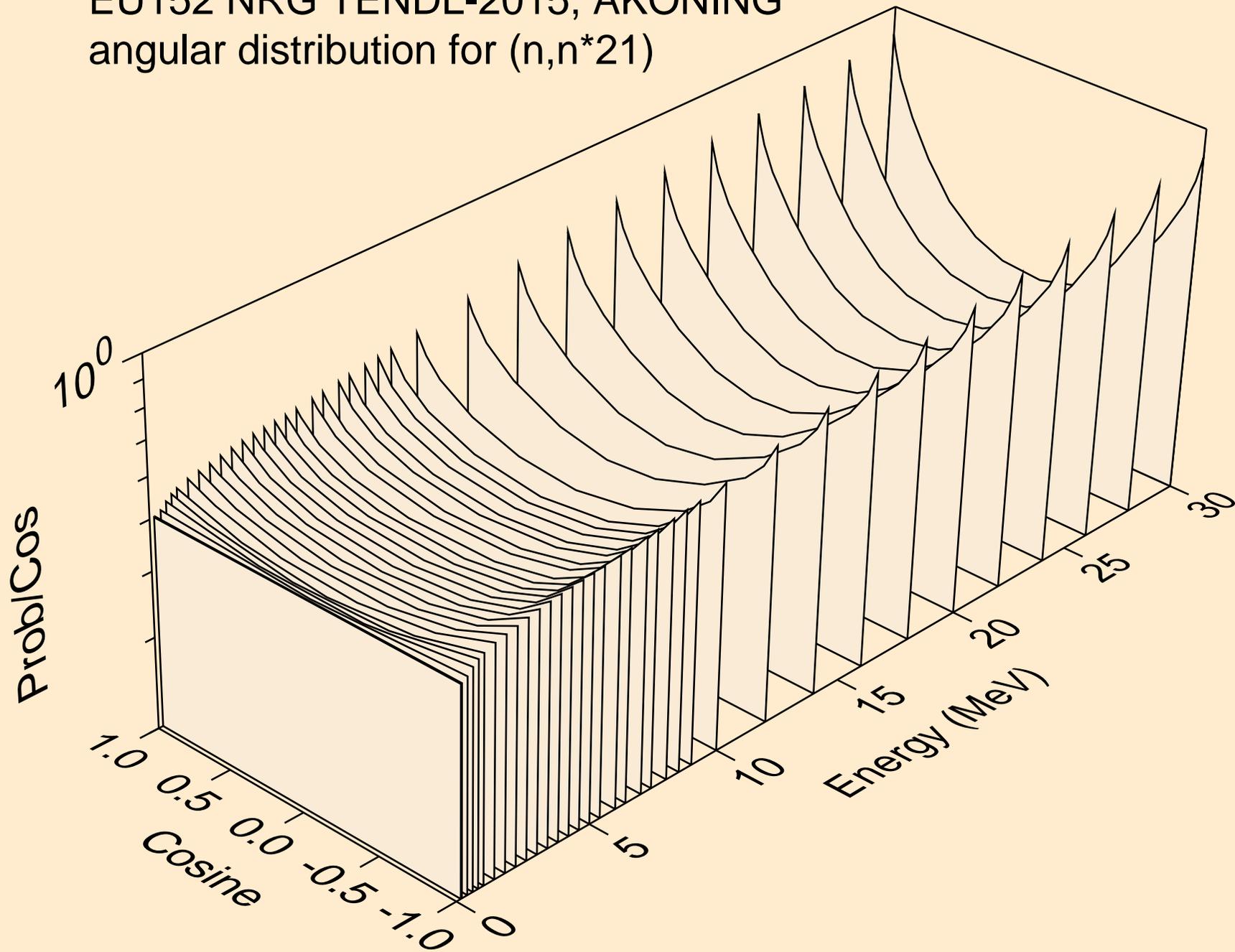
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



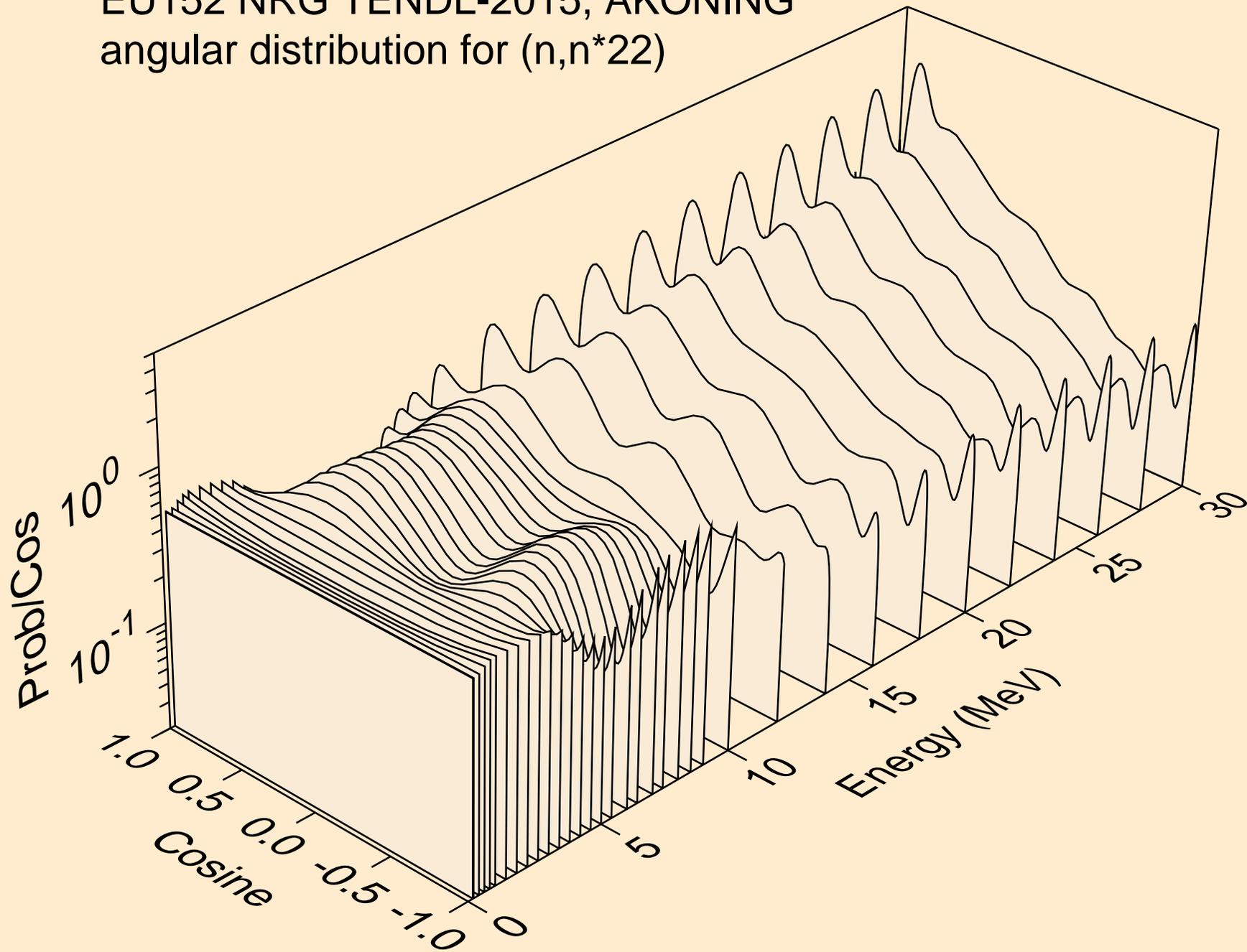
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



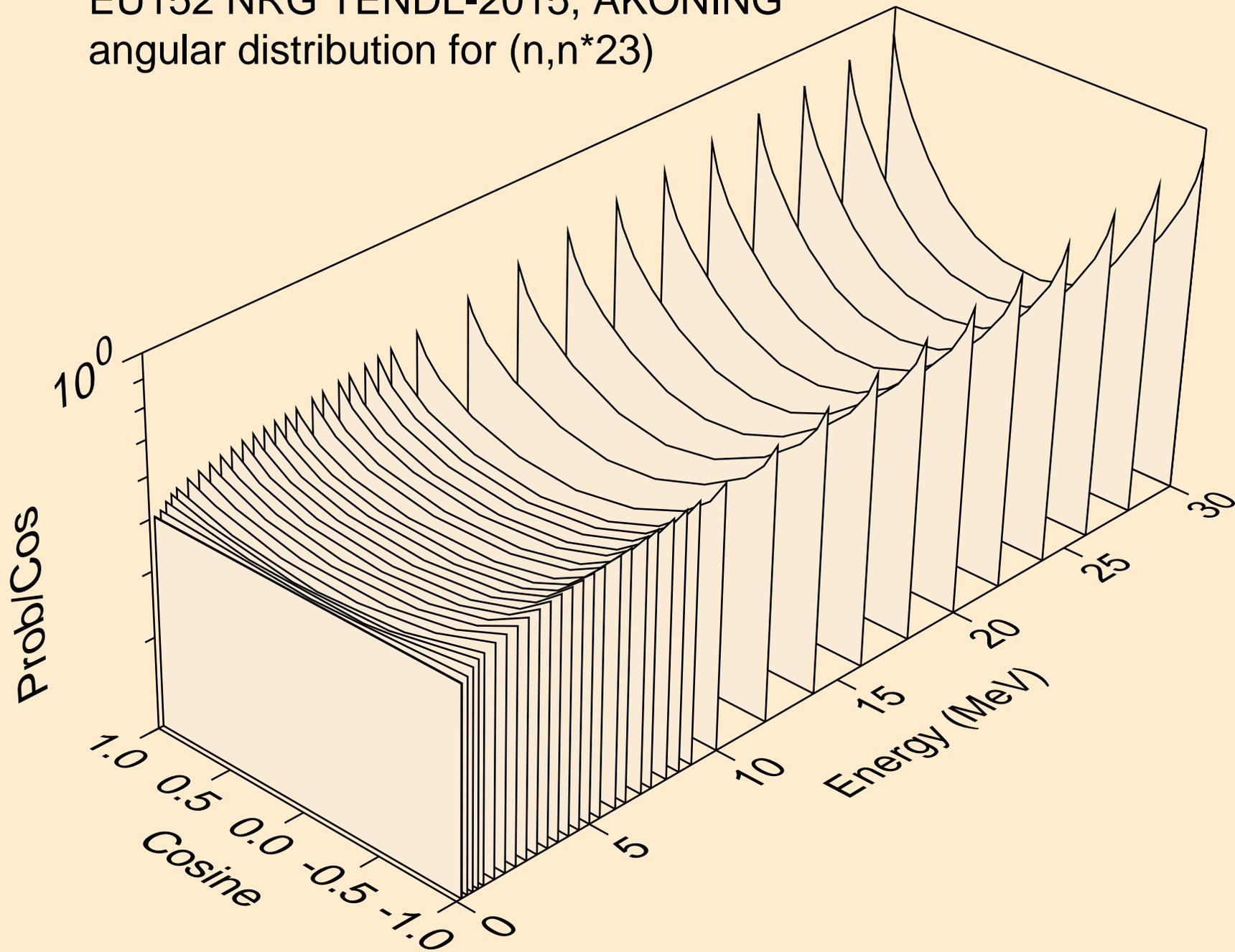
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



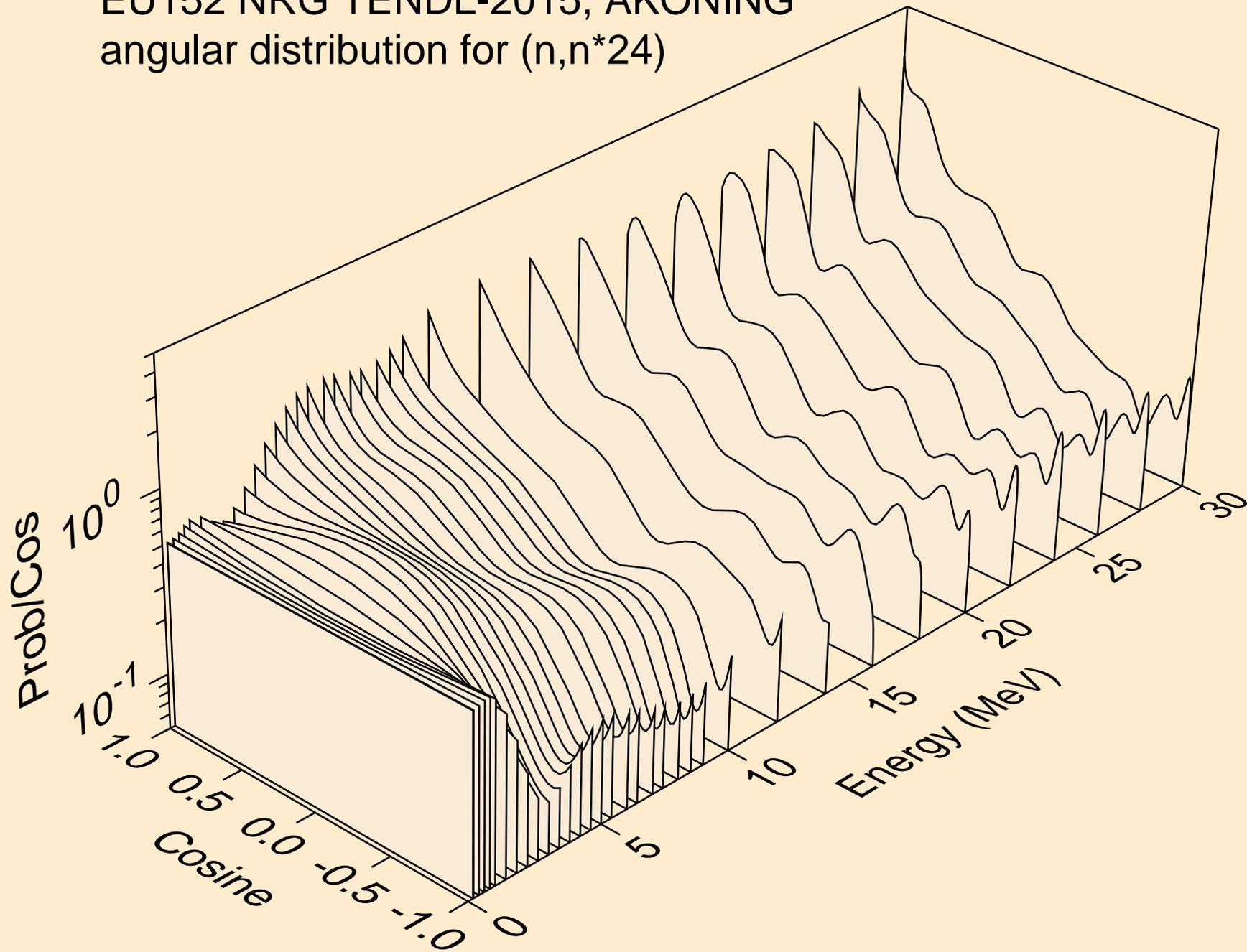
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angular distribution for (n,n\*22)



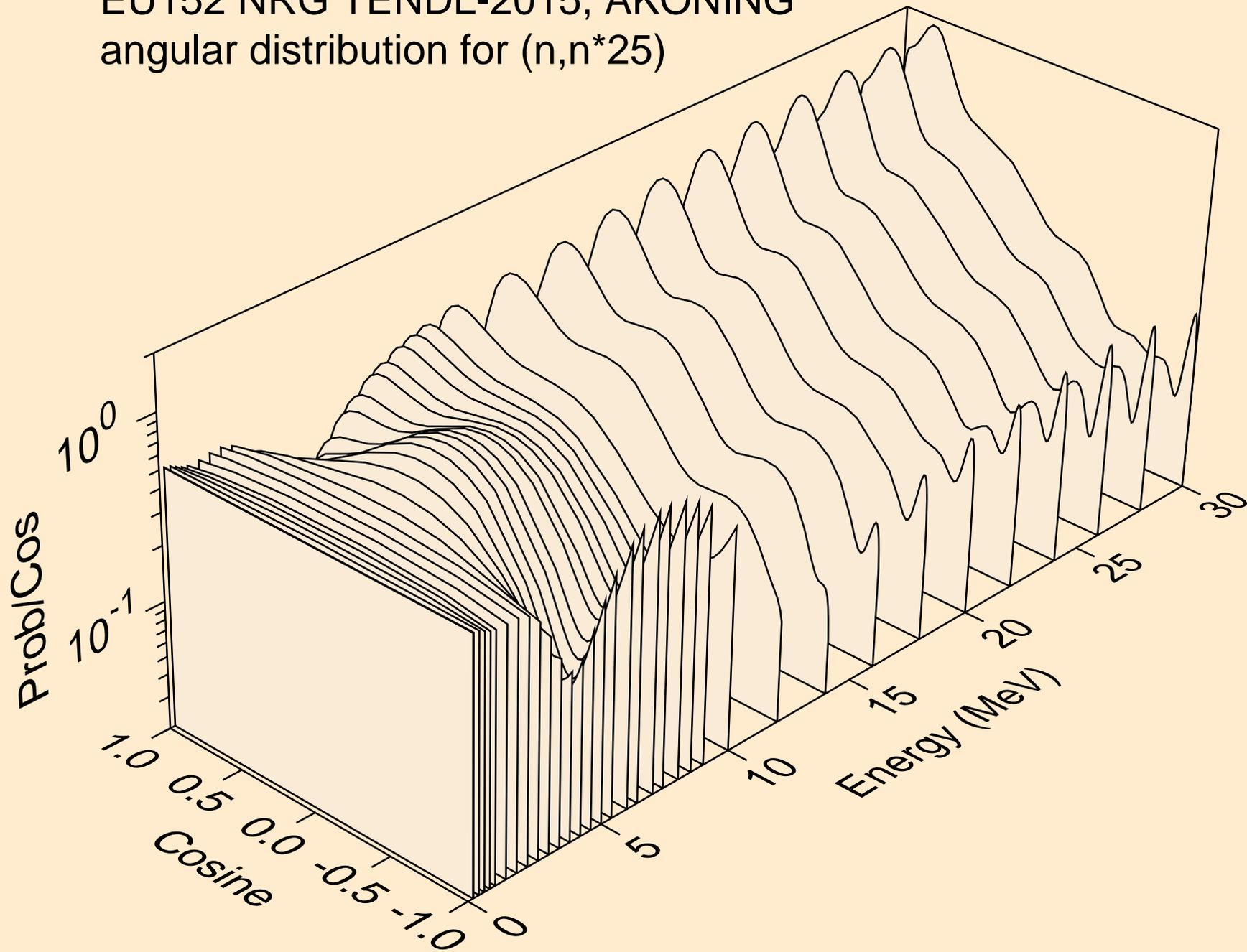
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angular distribution for (n,n\*23)



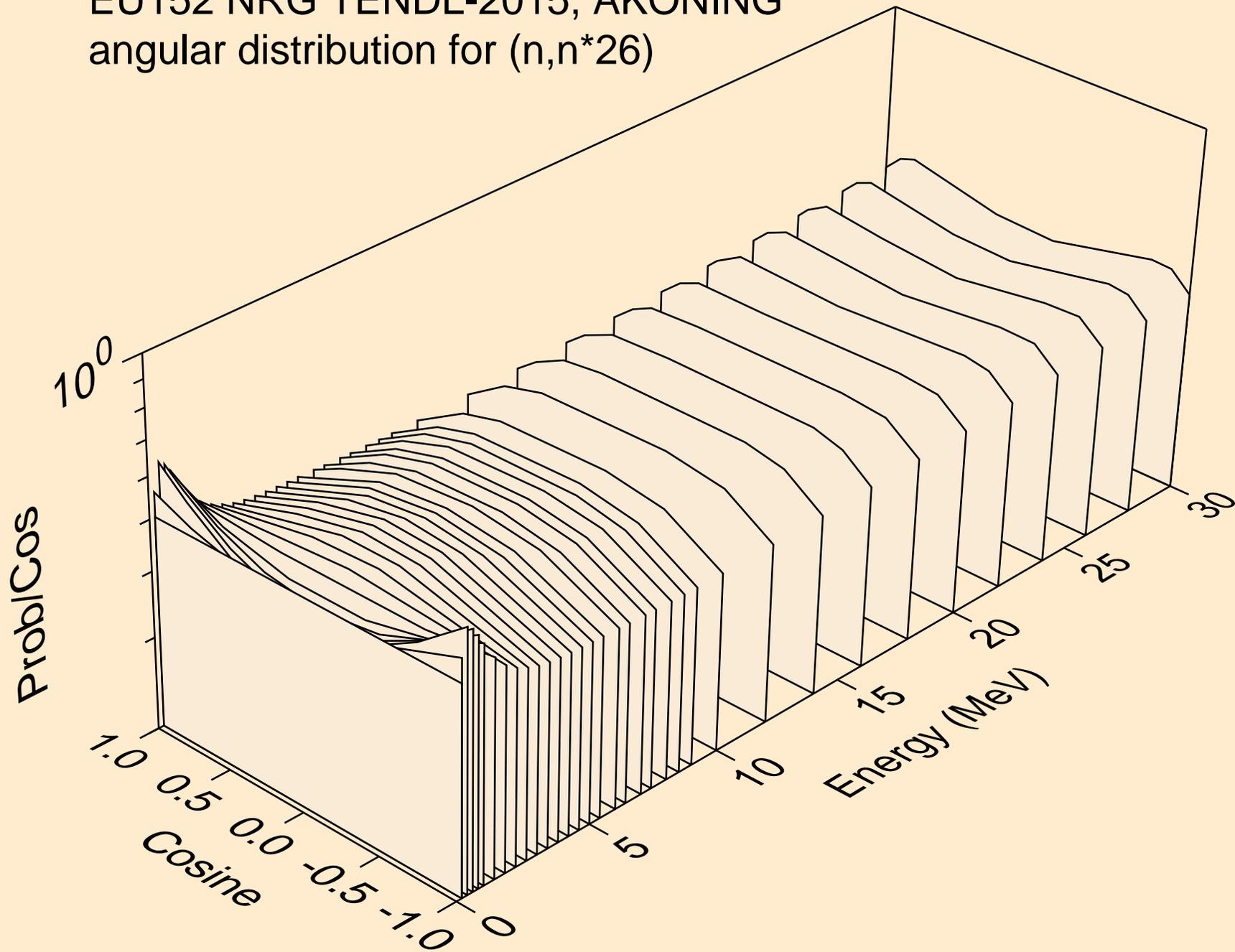
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



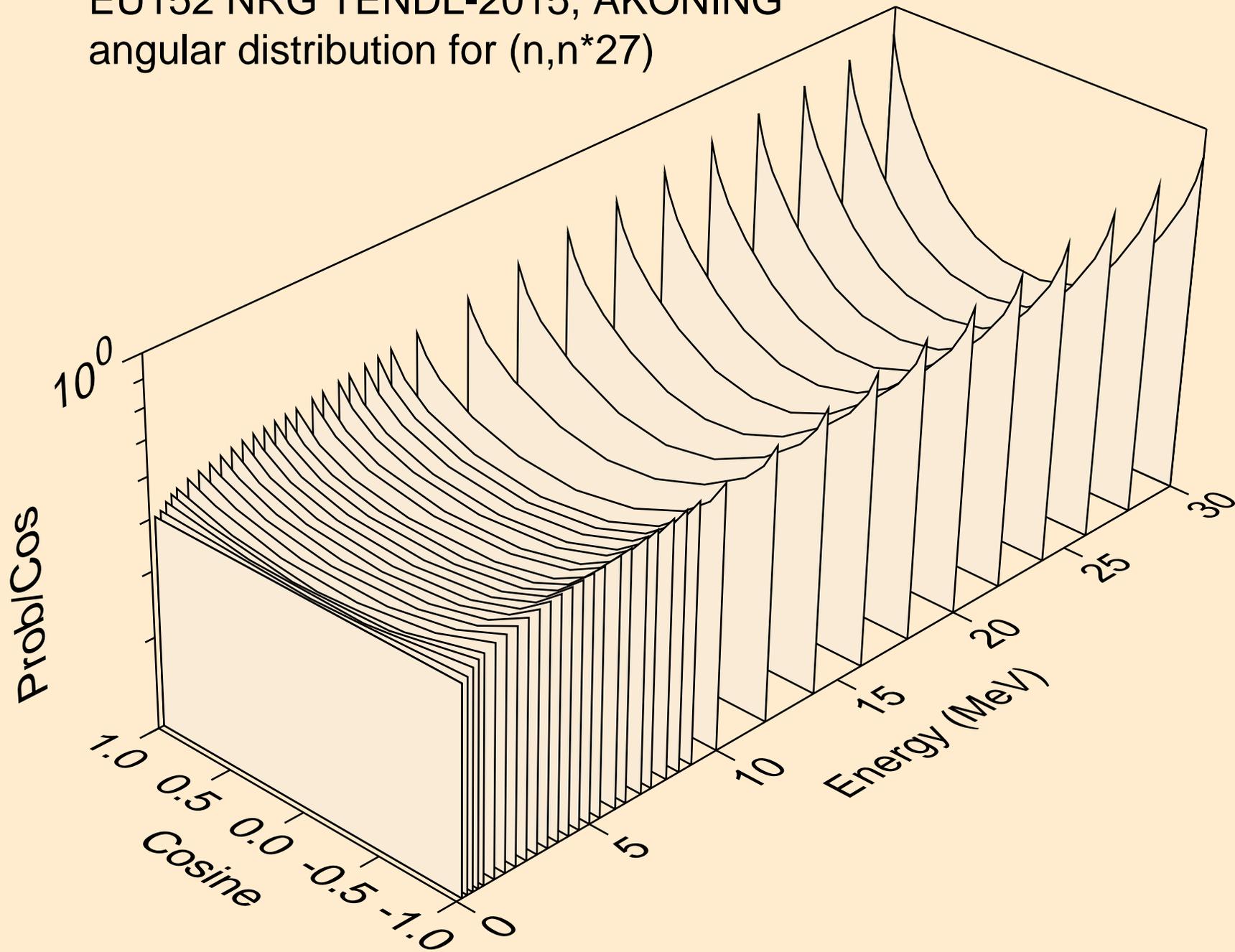
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angular distribution for (n,n\*25)



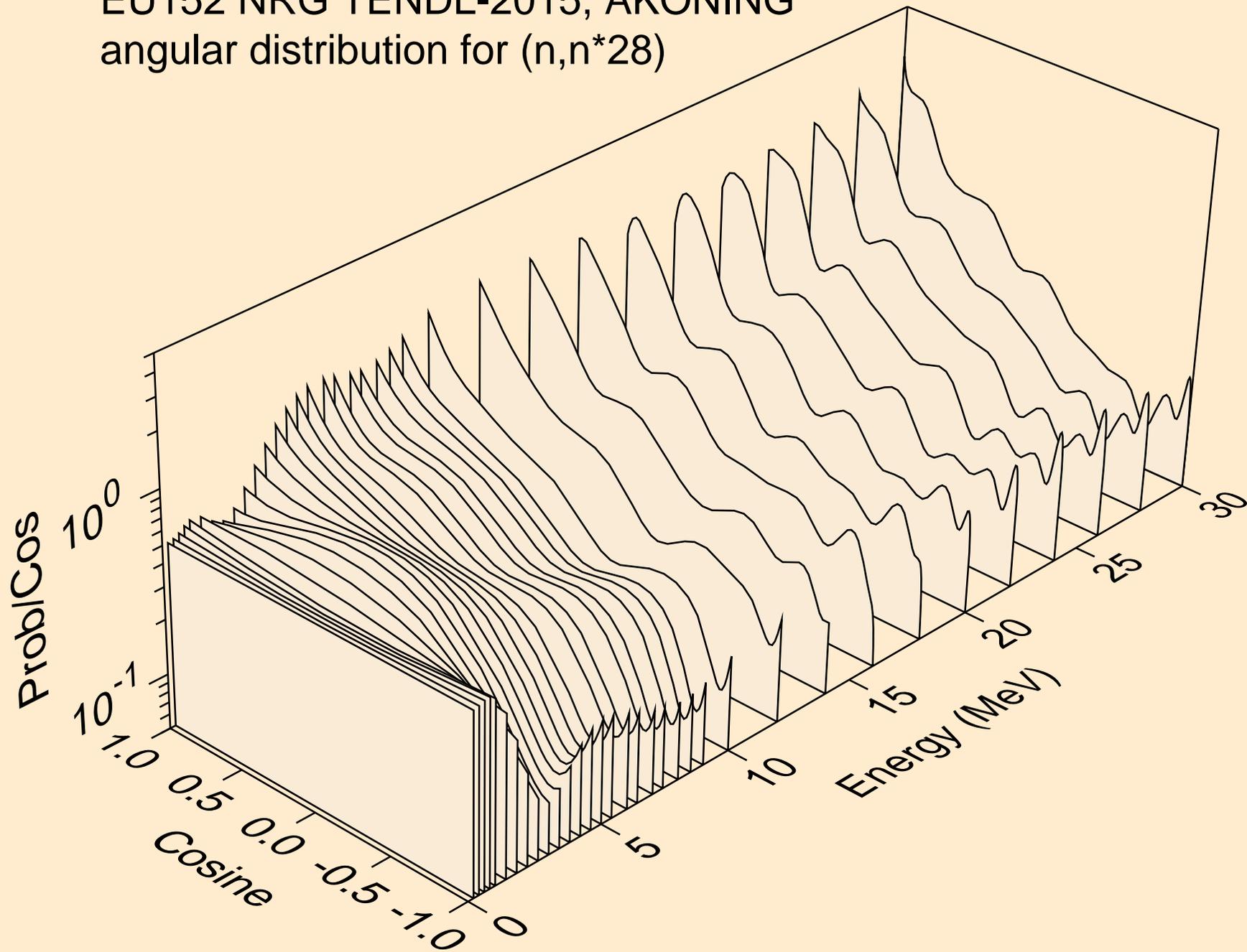
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



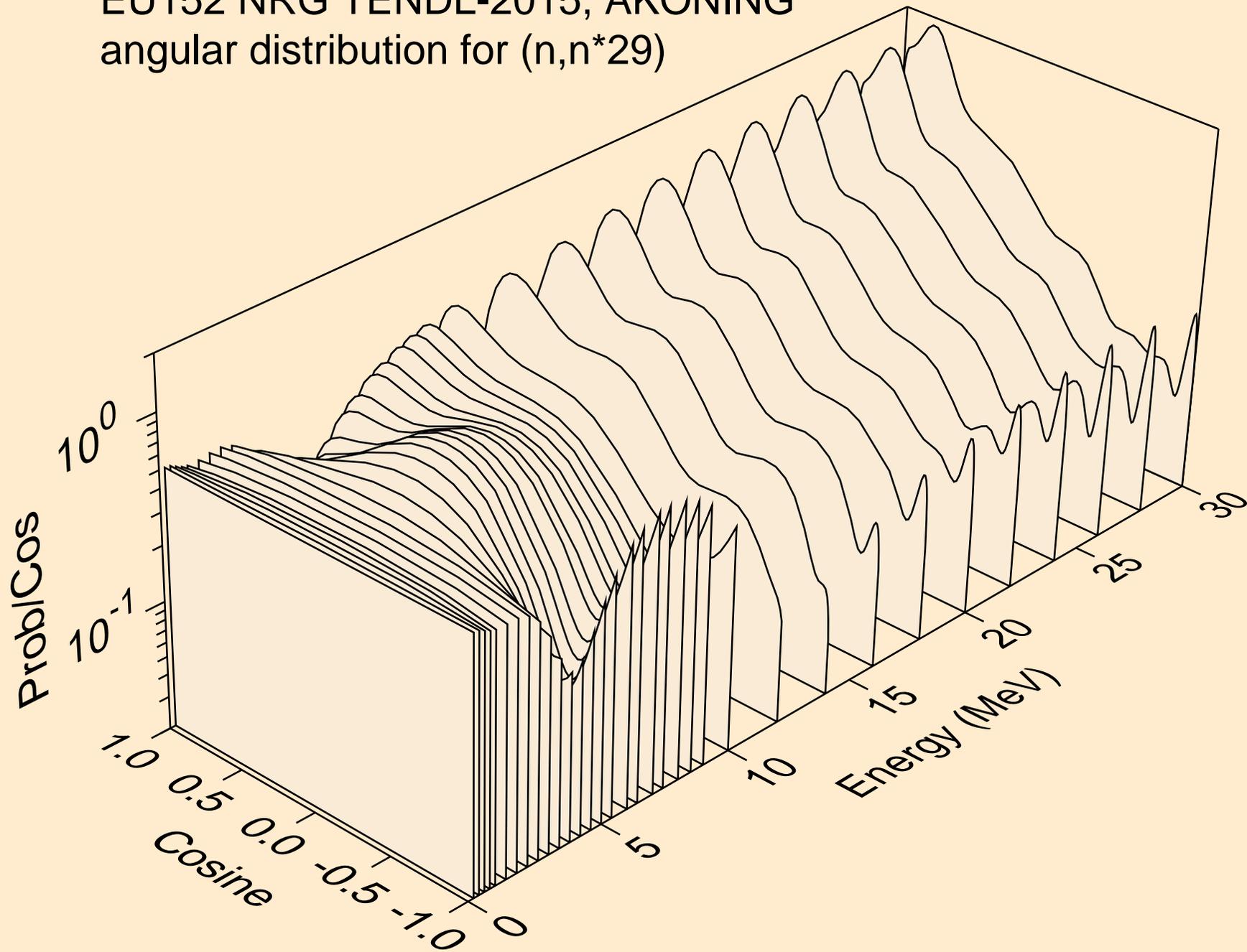
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



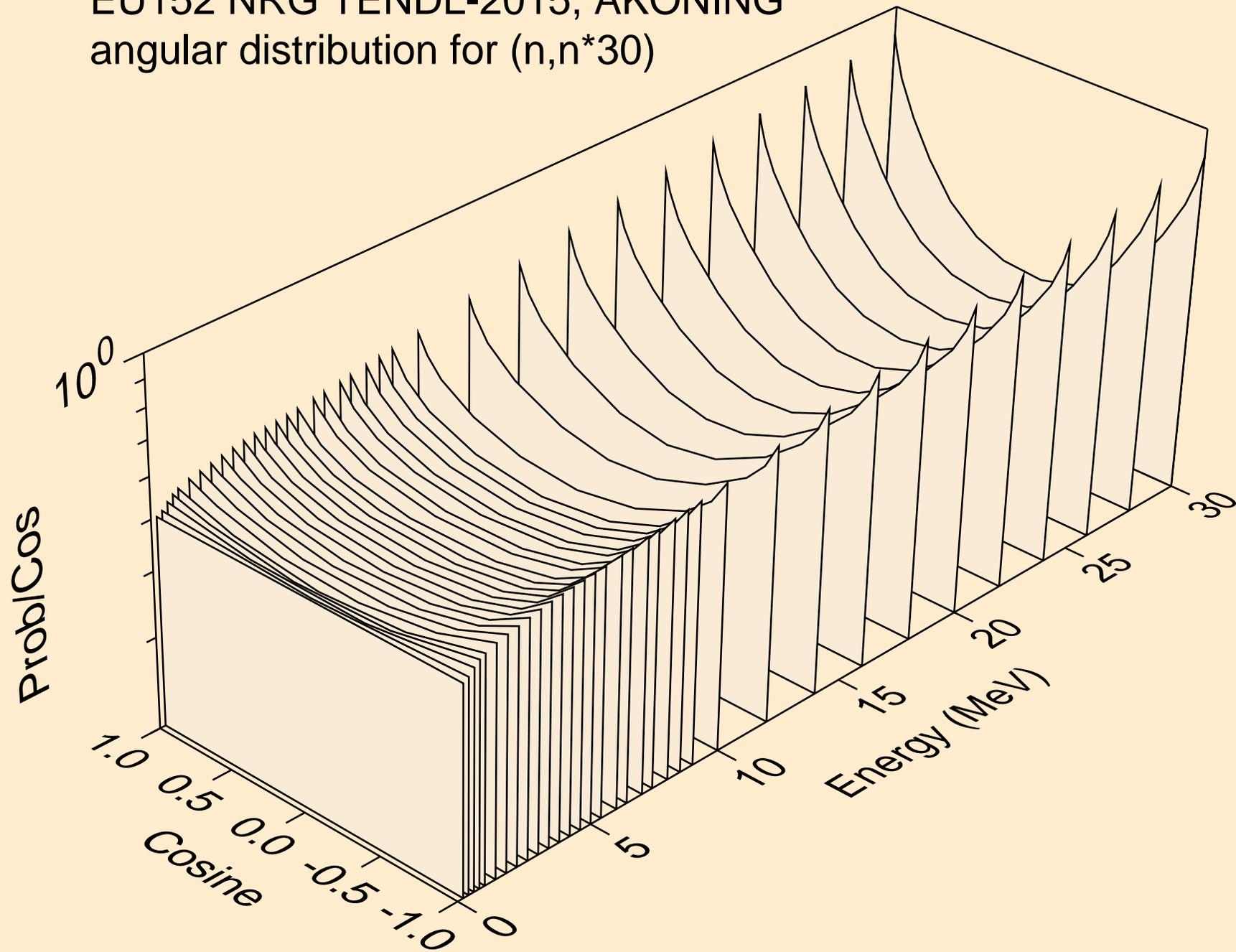
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



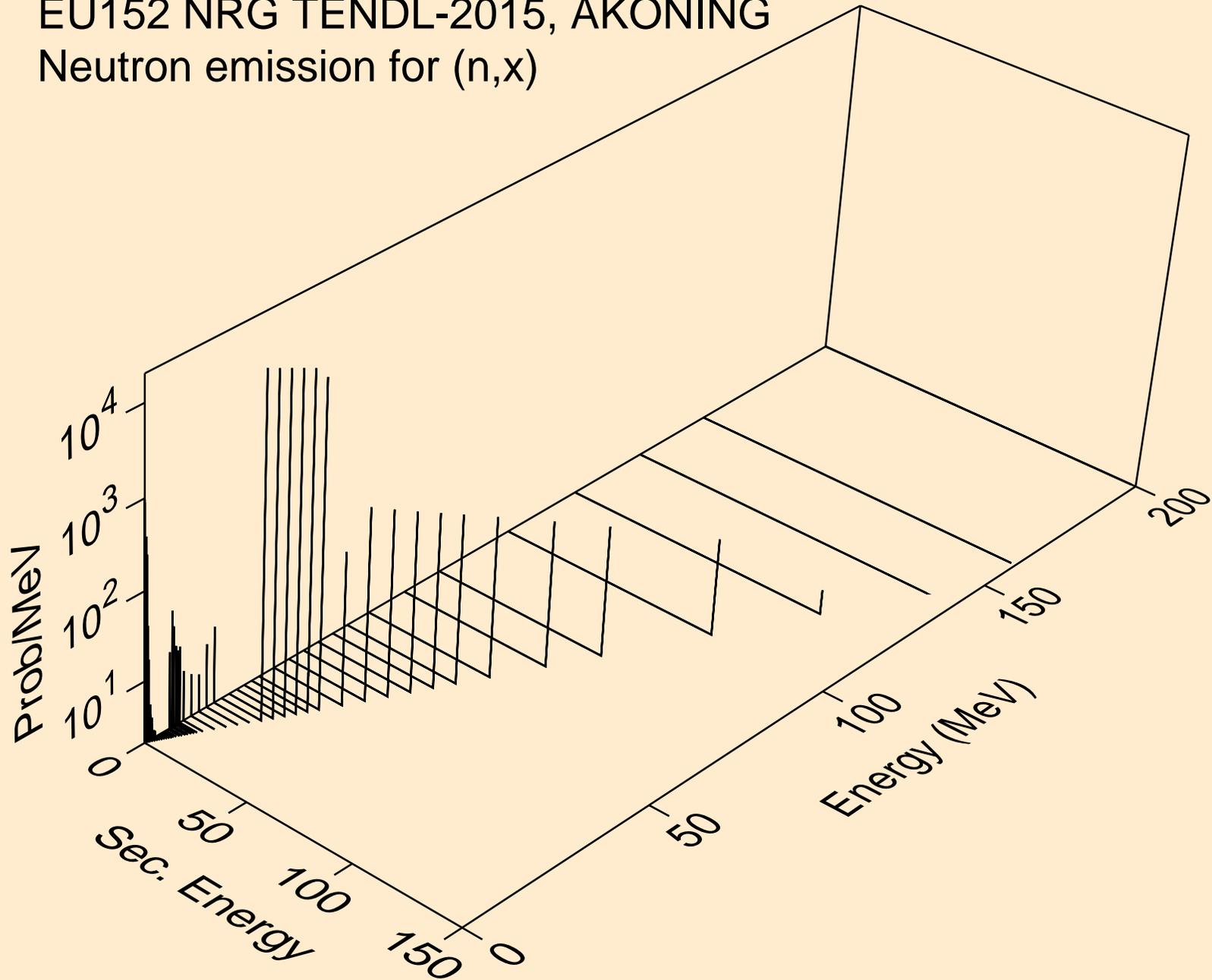
EU152 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



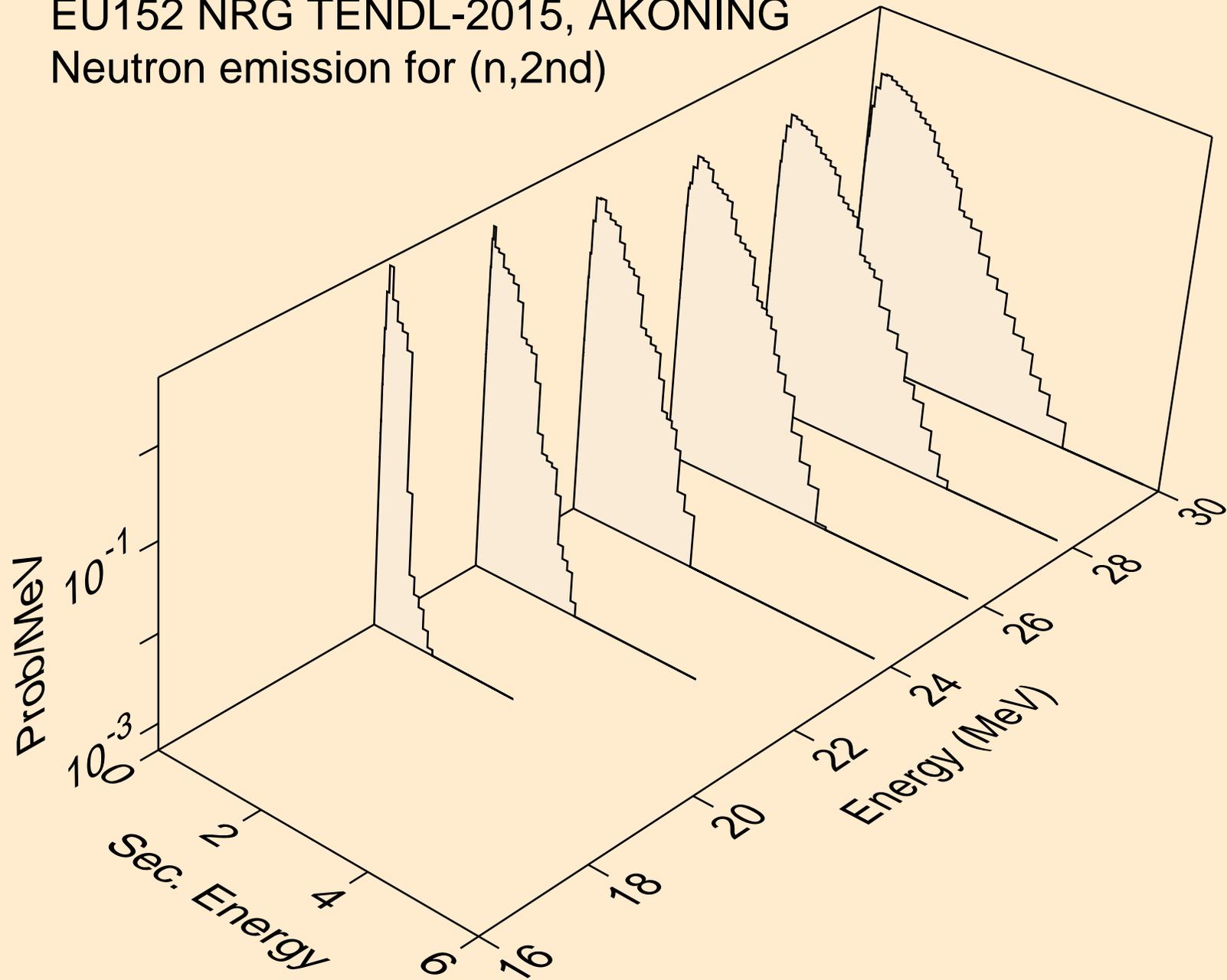
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angular distribution for (n,n\*30)



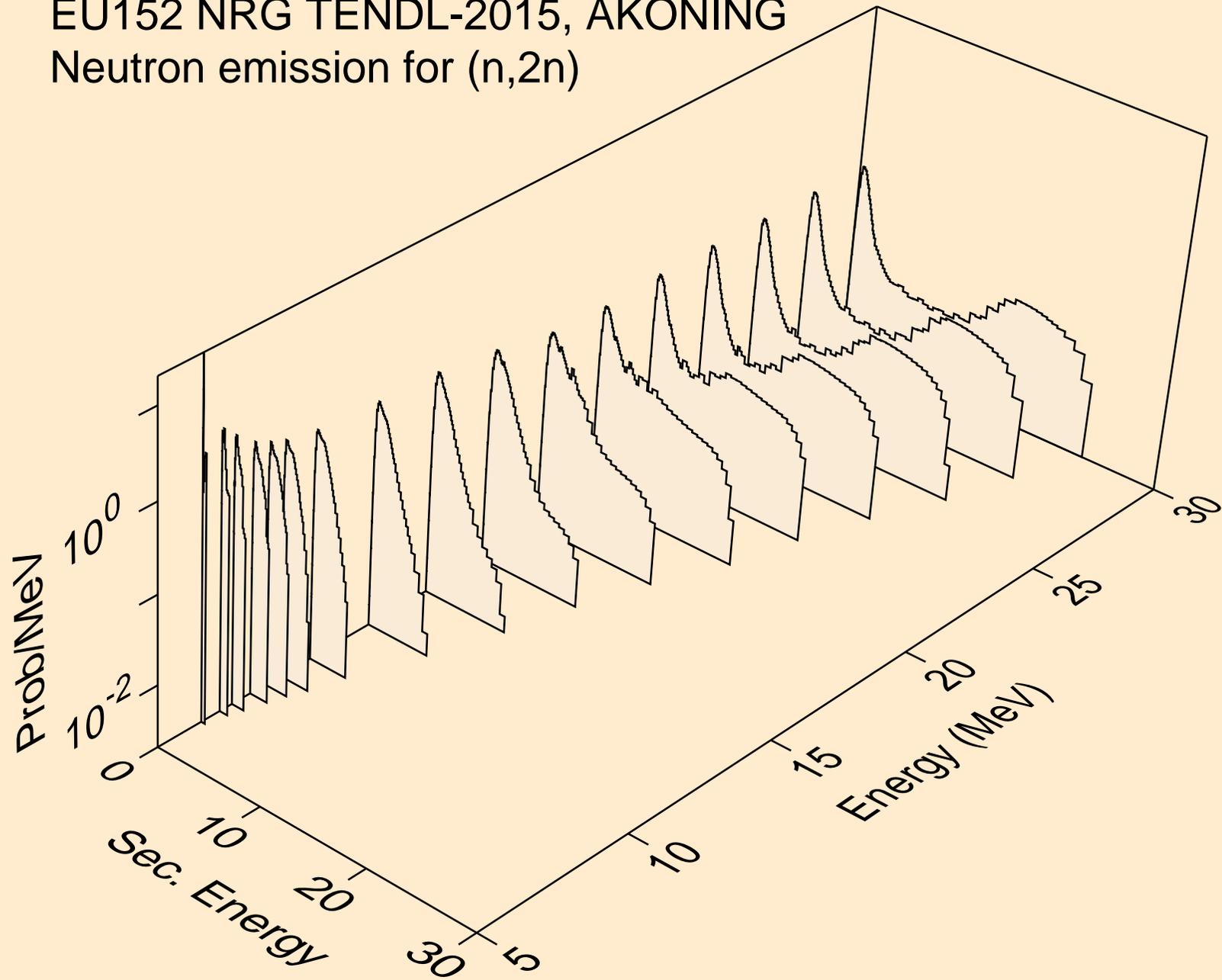
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



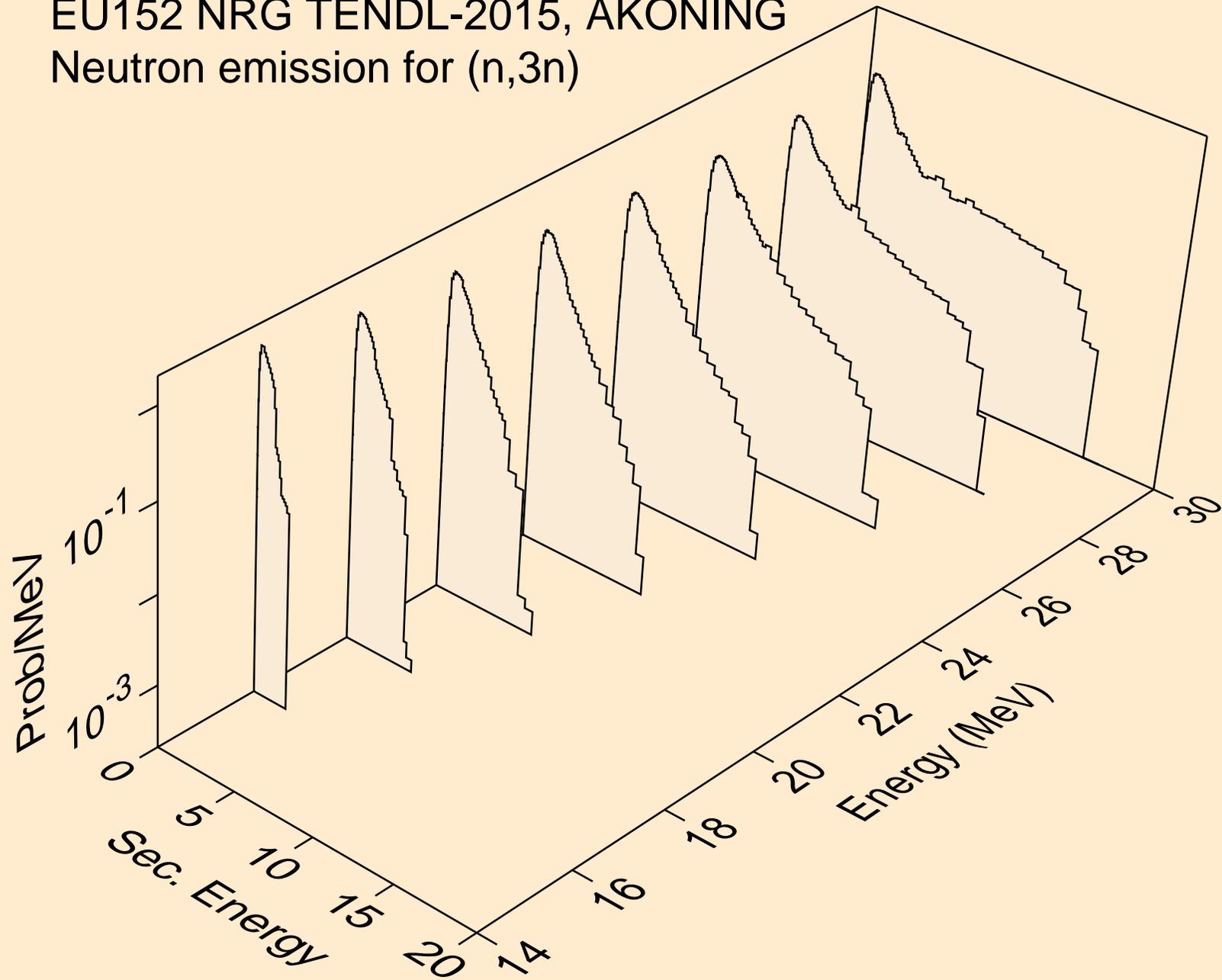
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



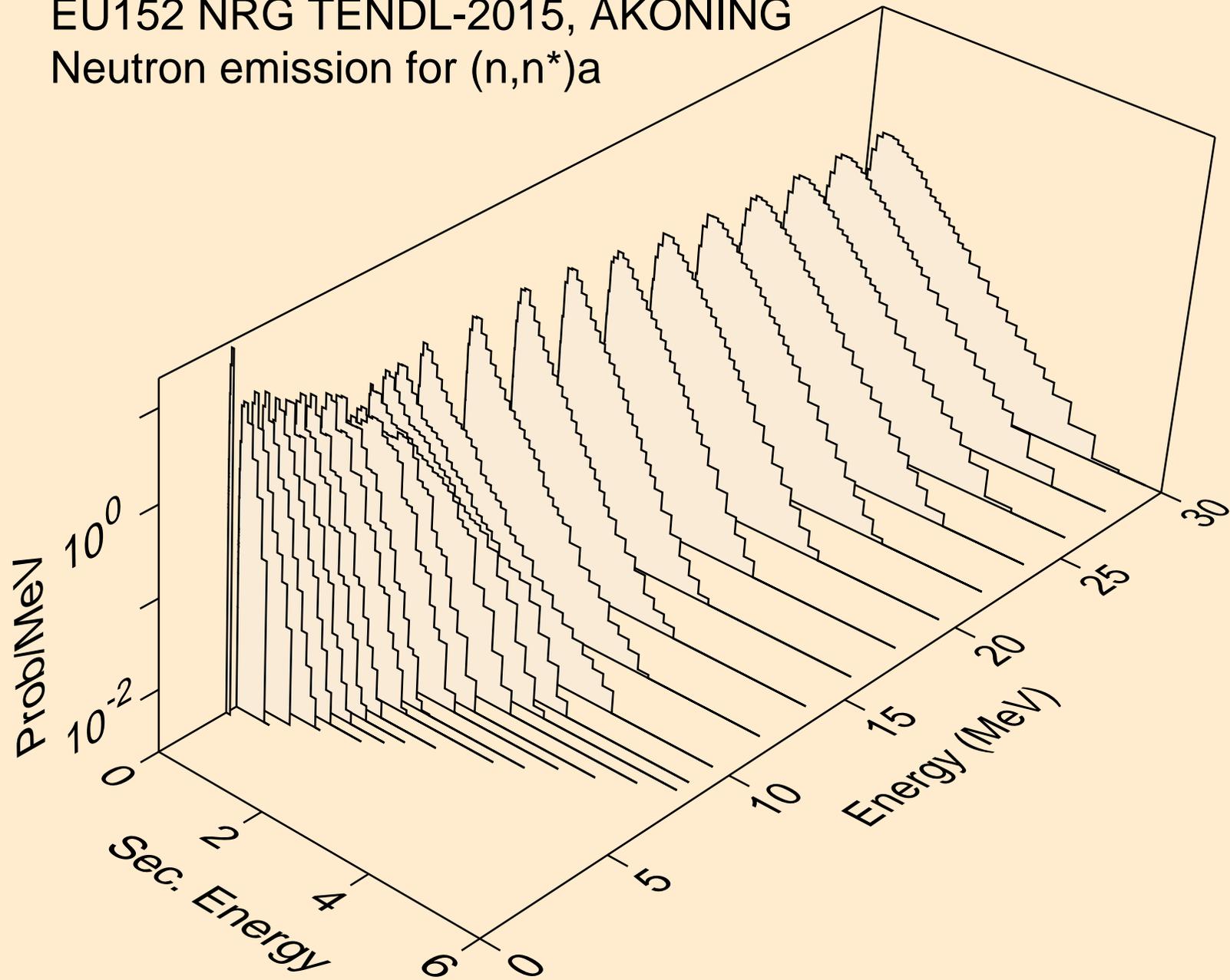
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



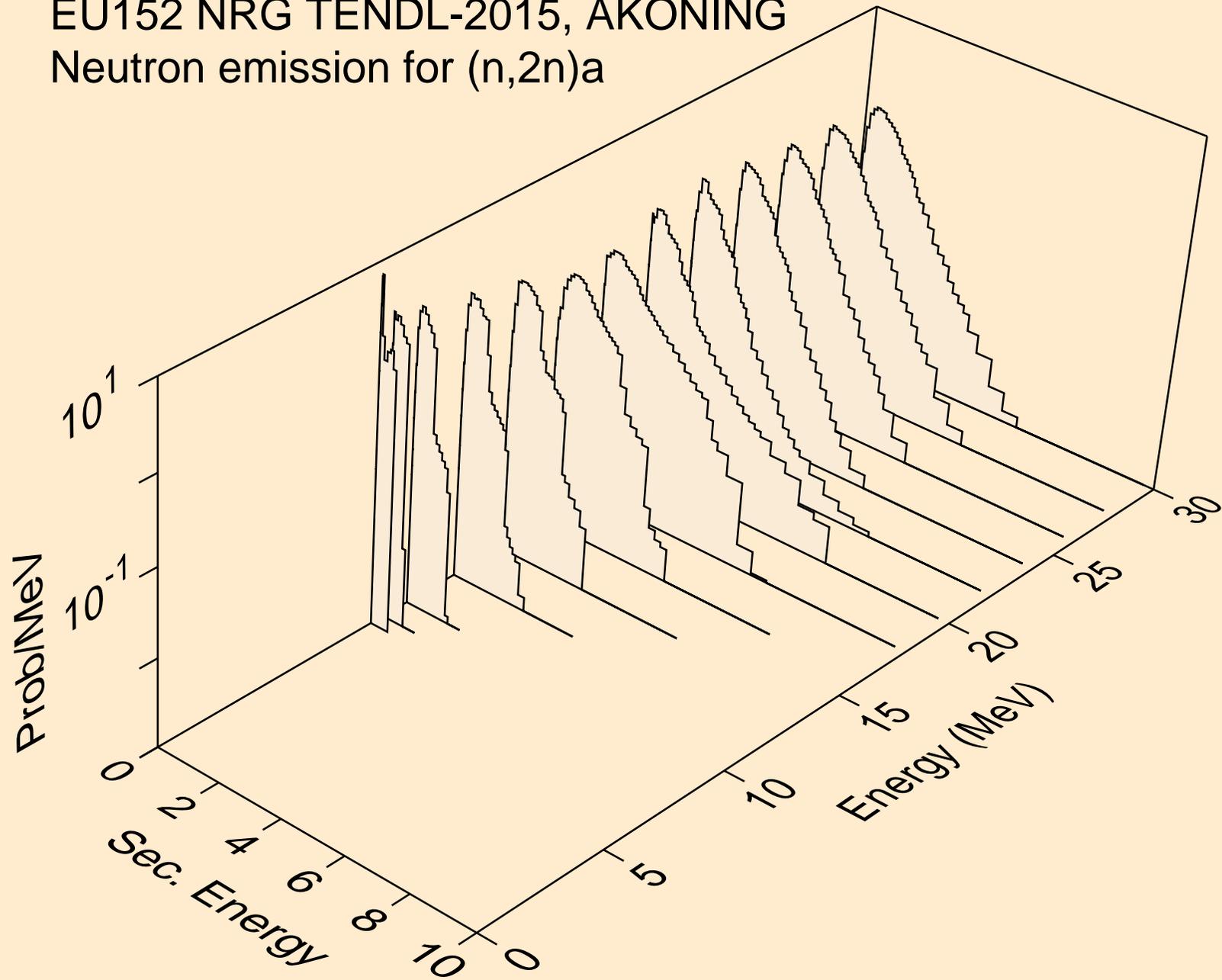
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



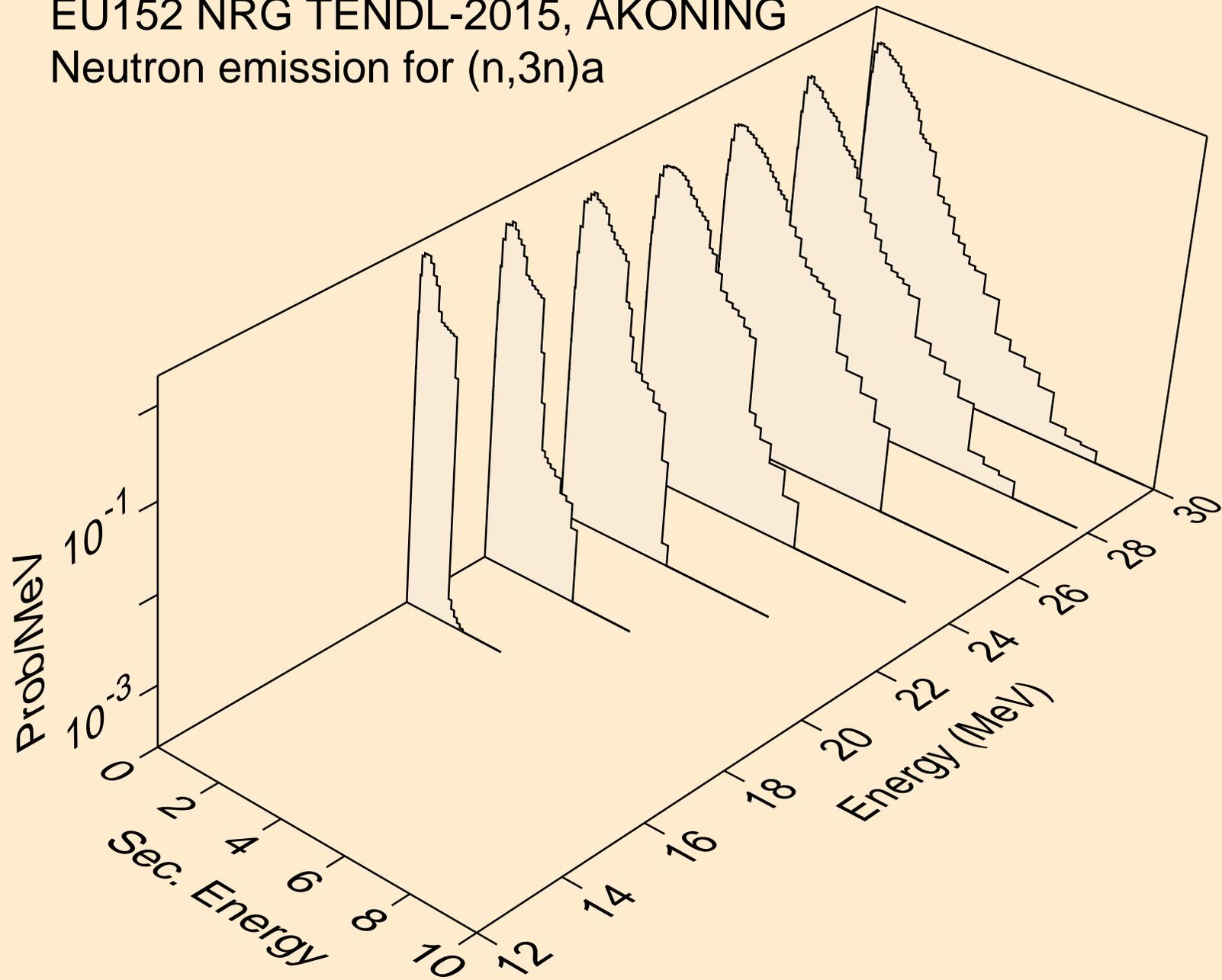
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



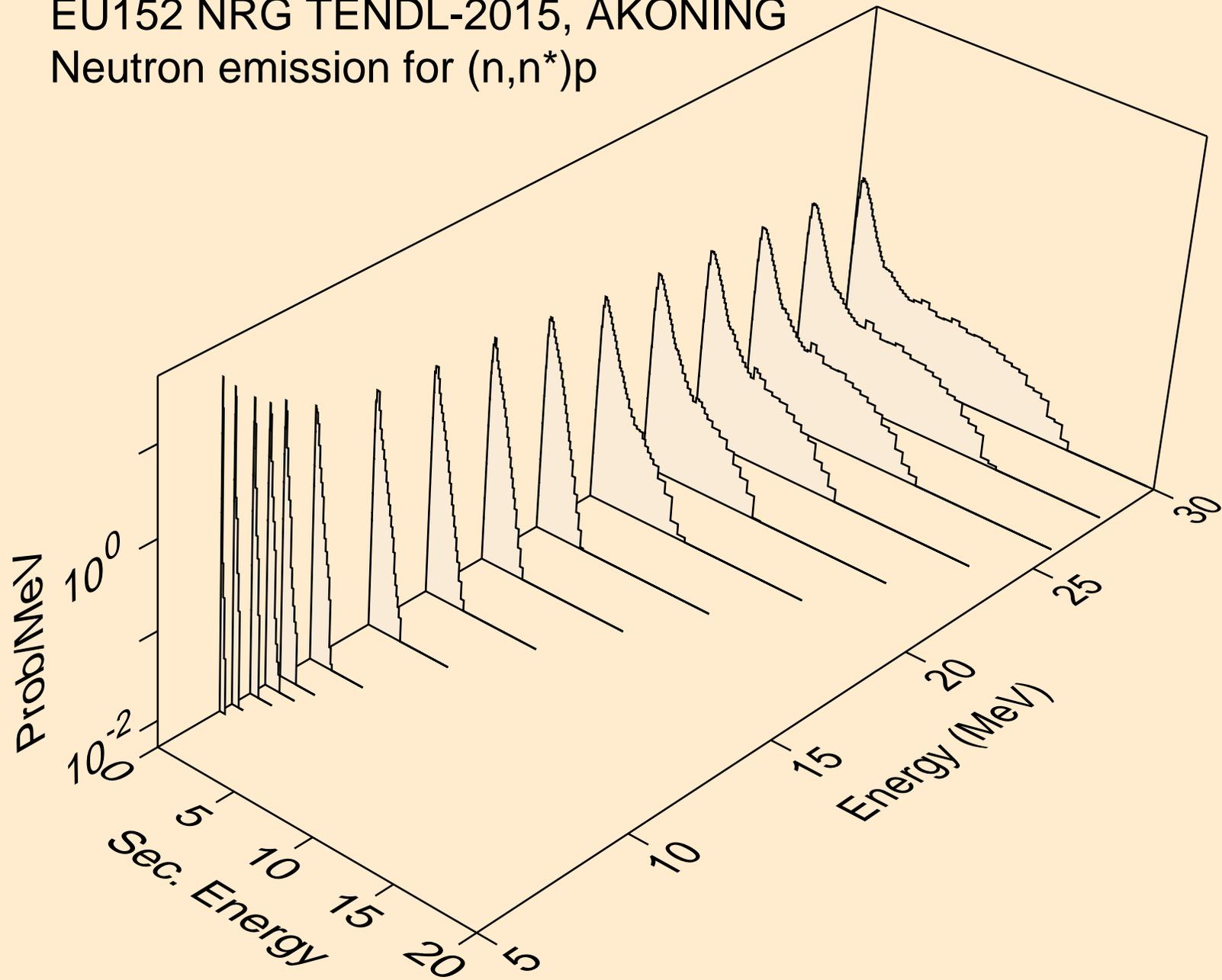
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



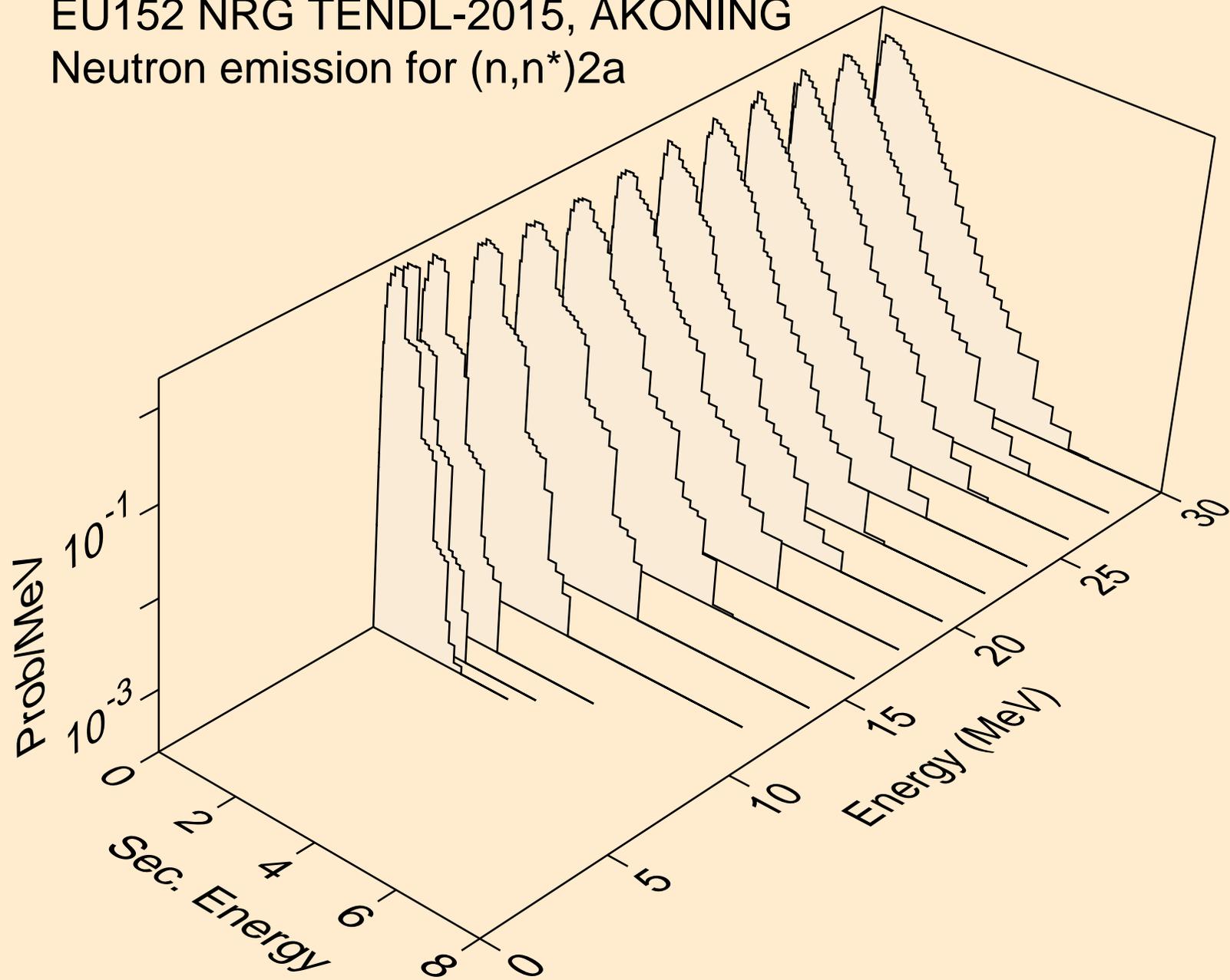
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



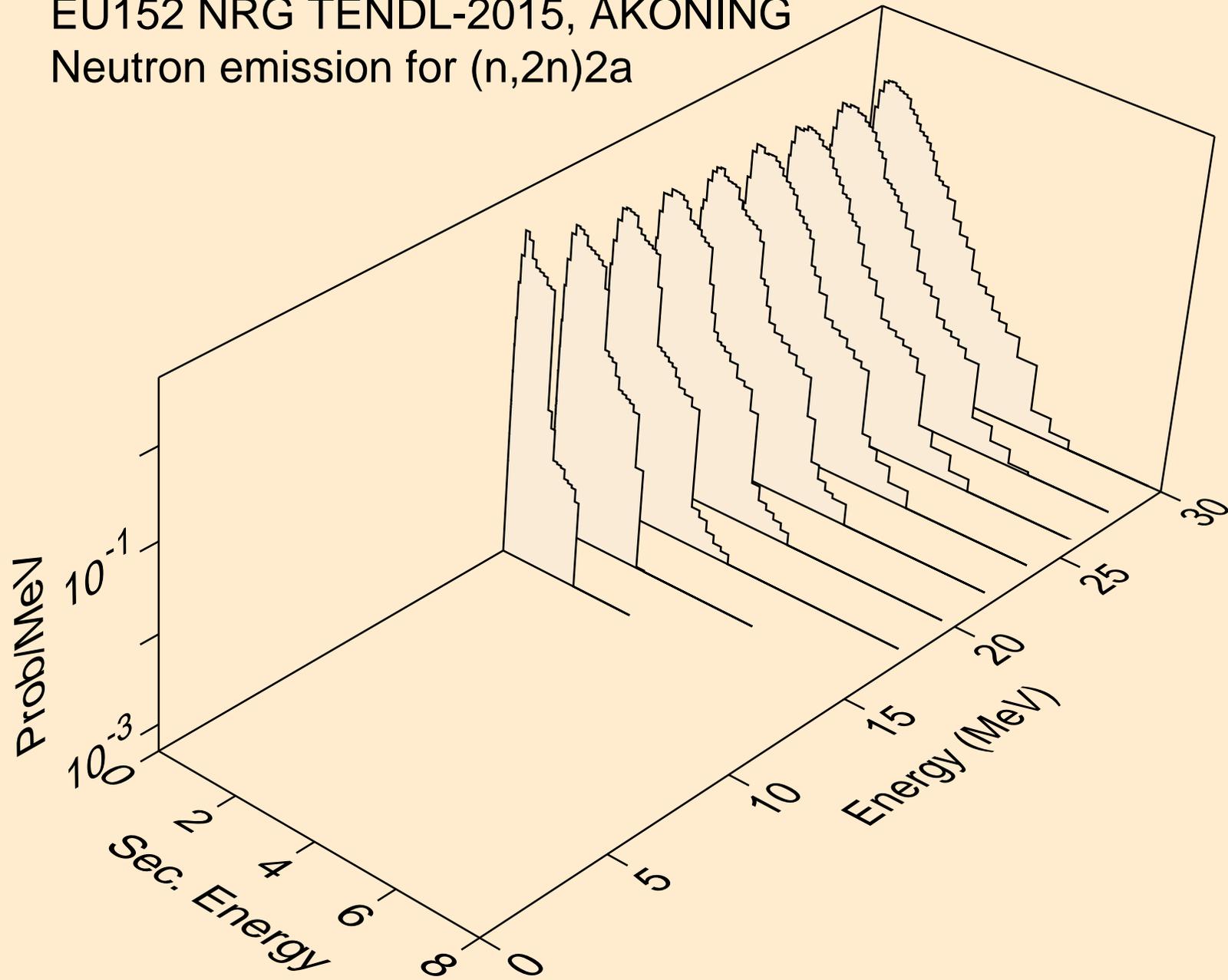
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



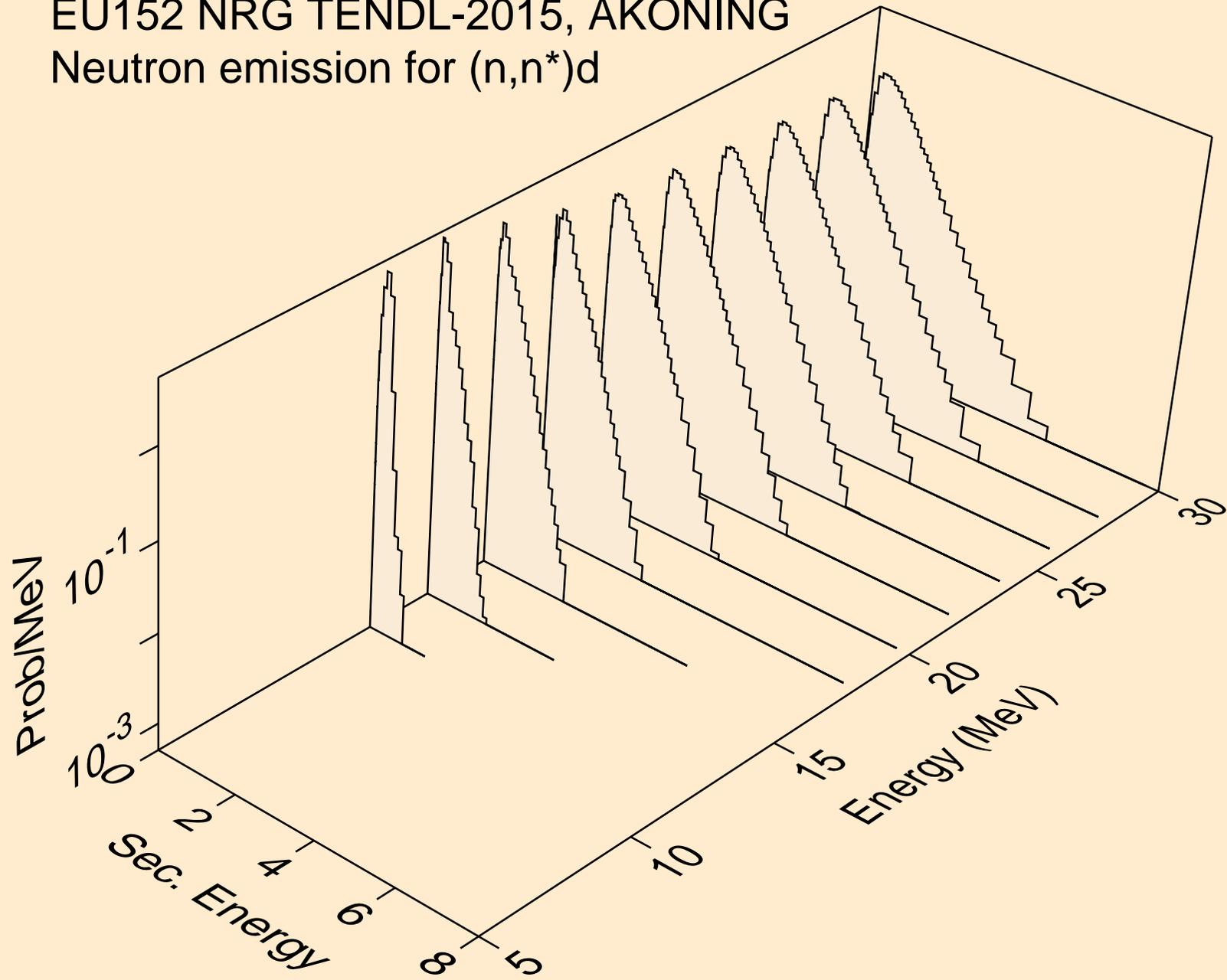
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



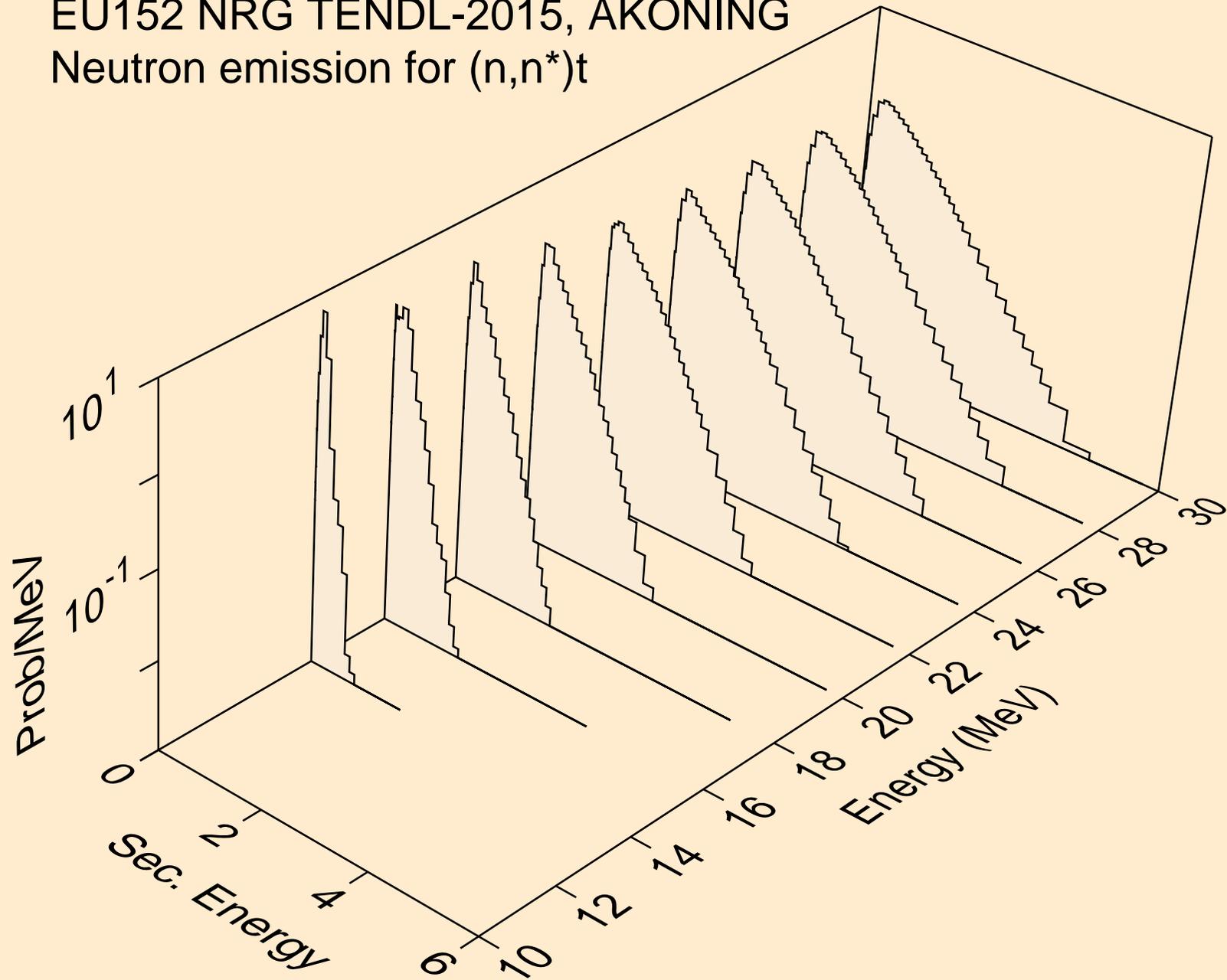
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



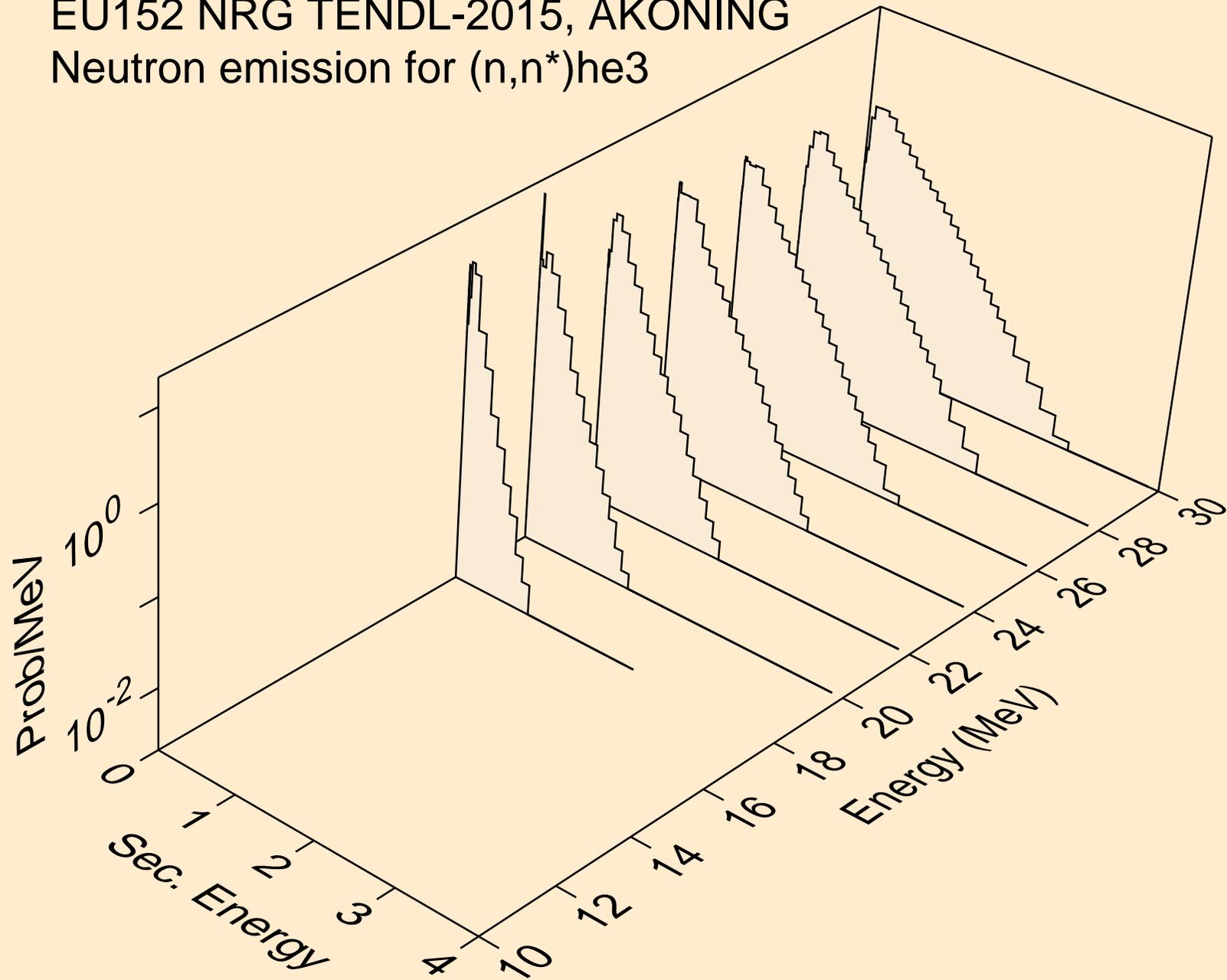
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



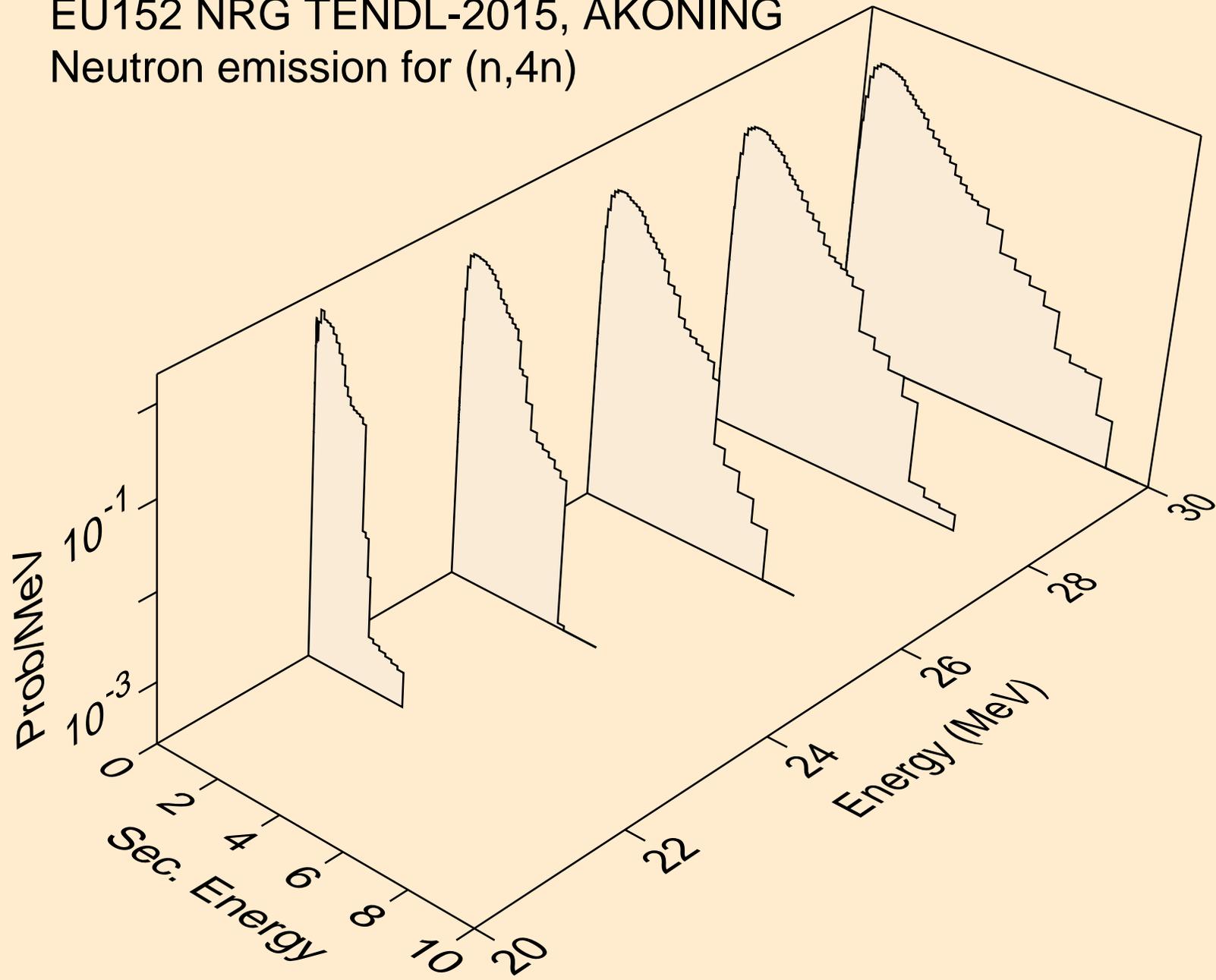
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



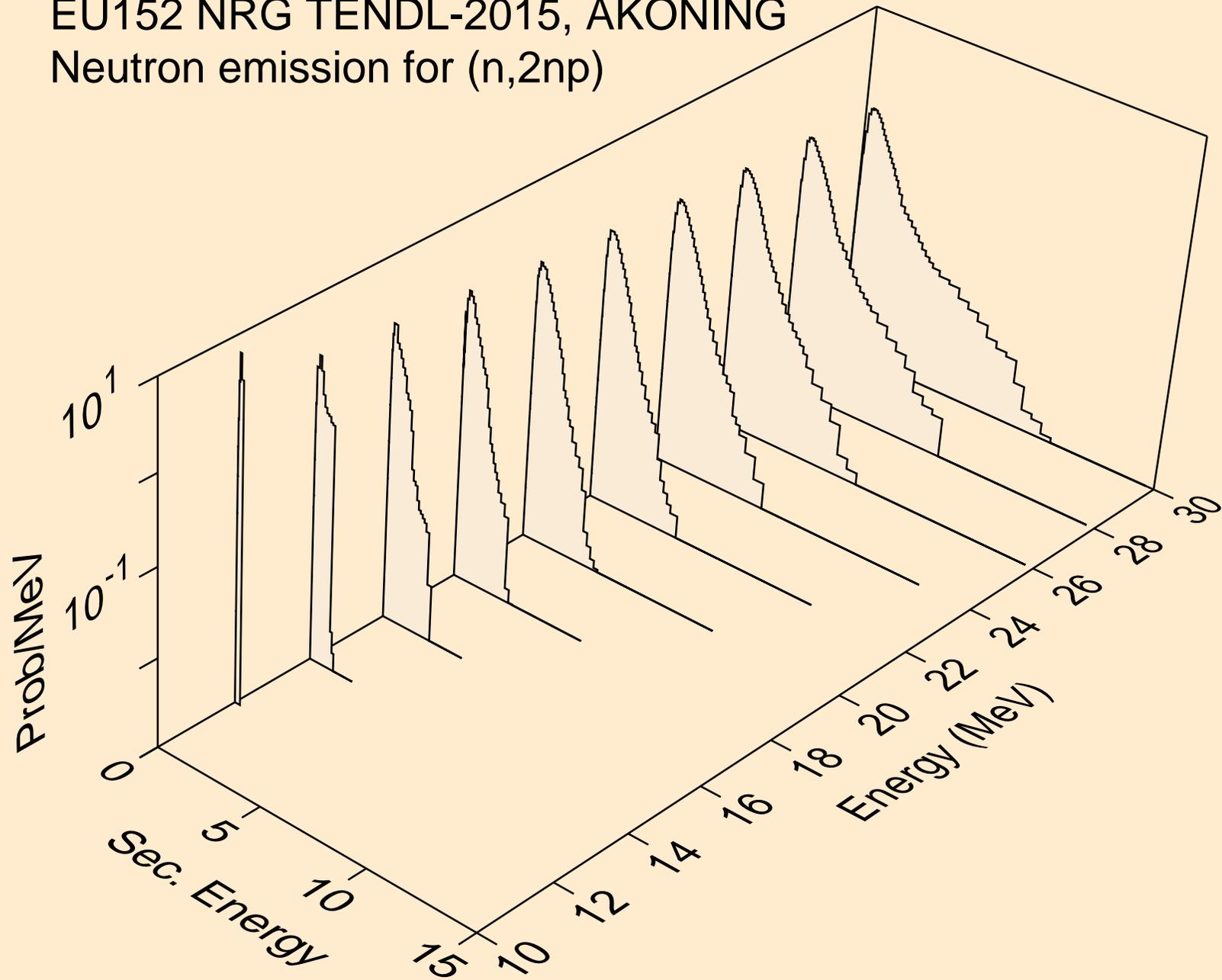
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



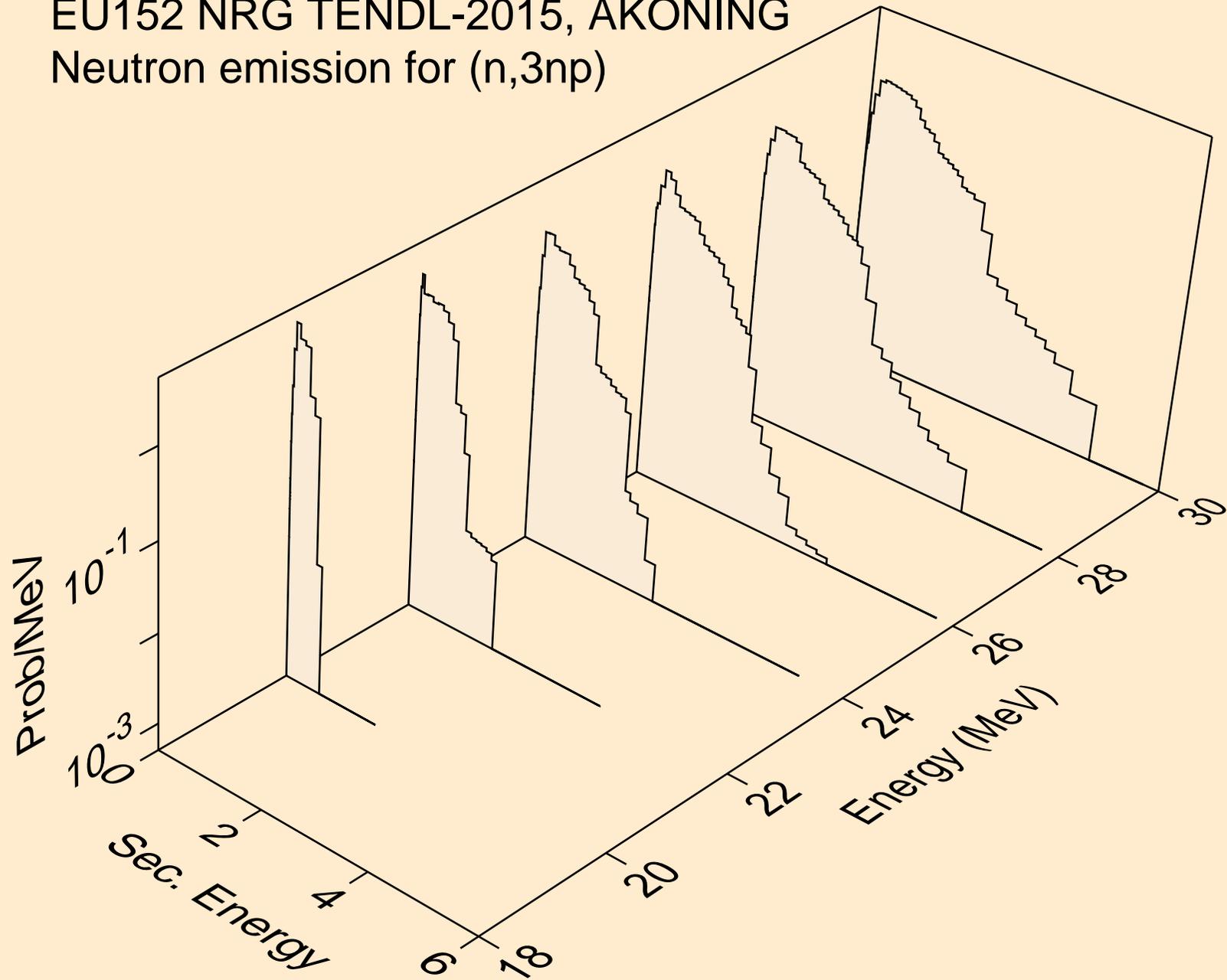
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



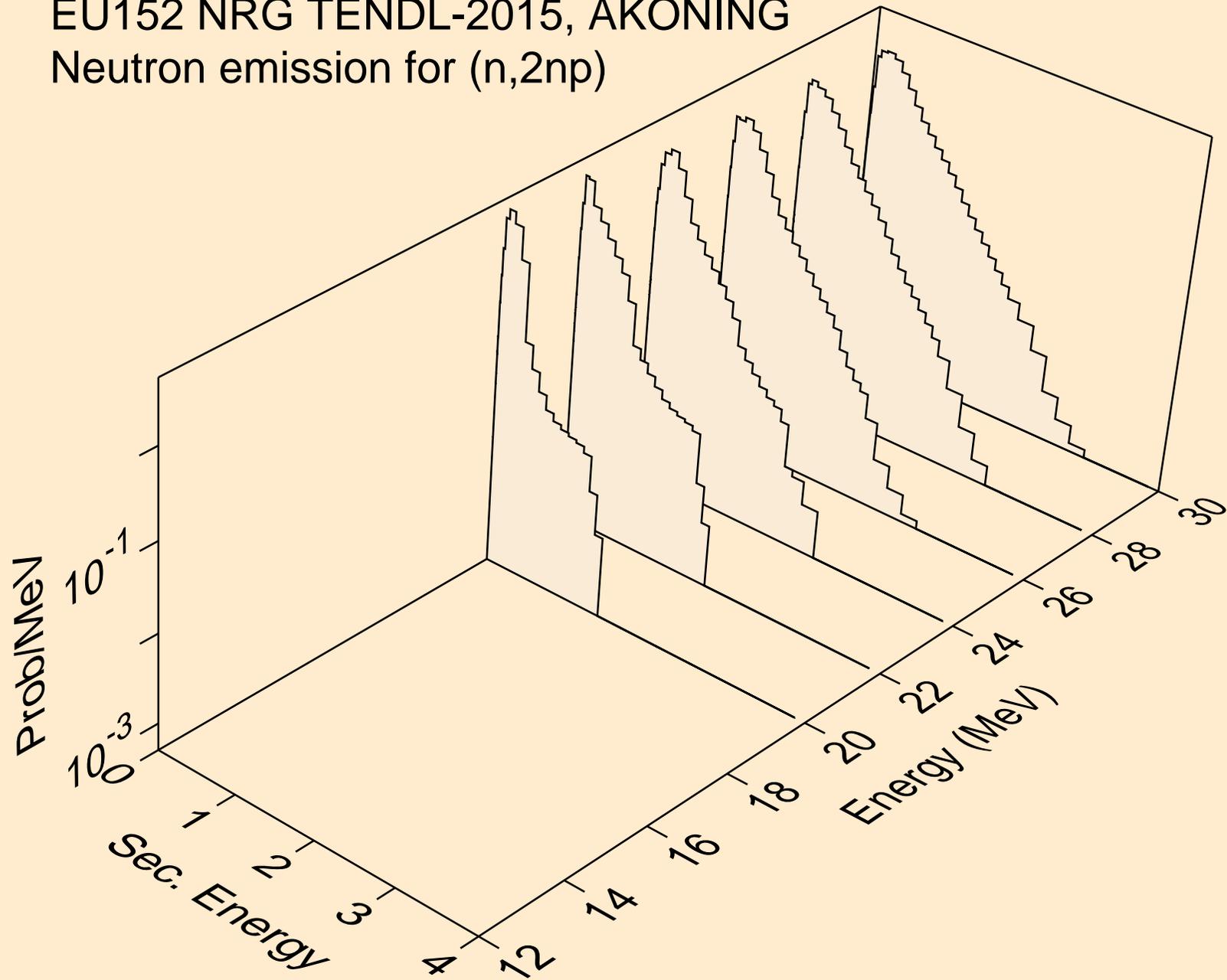
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



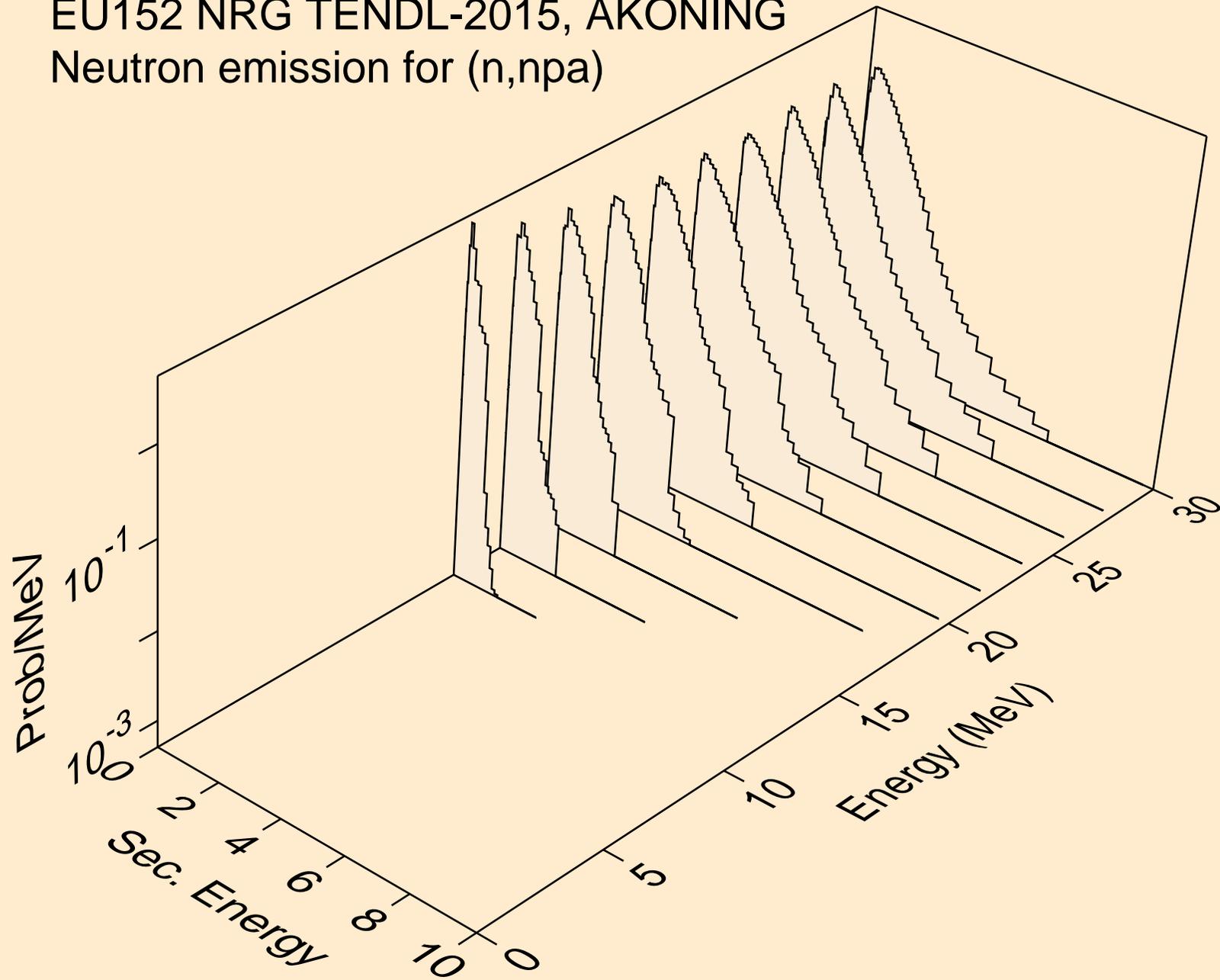
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



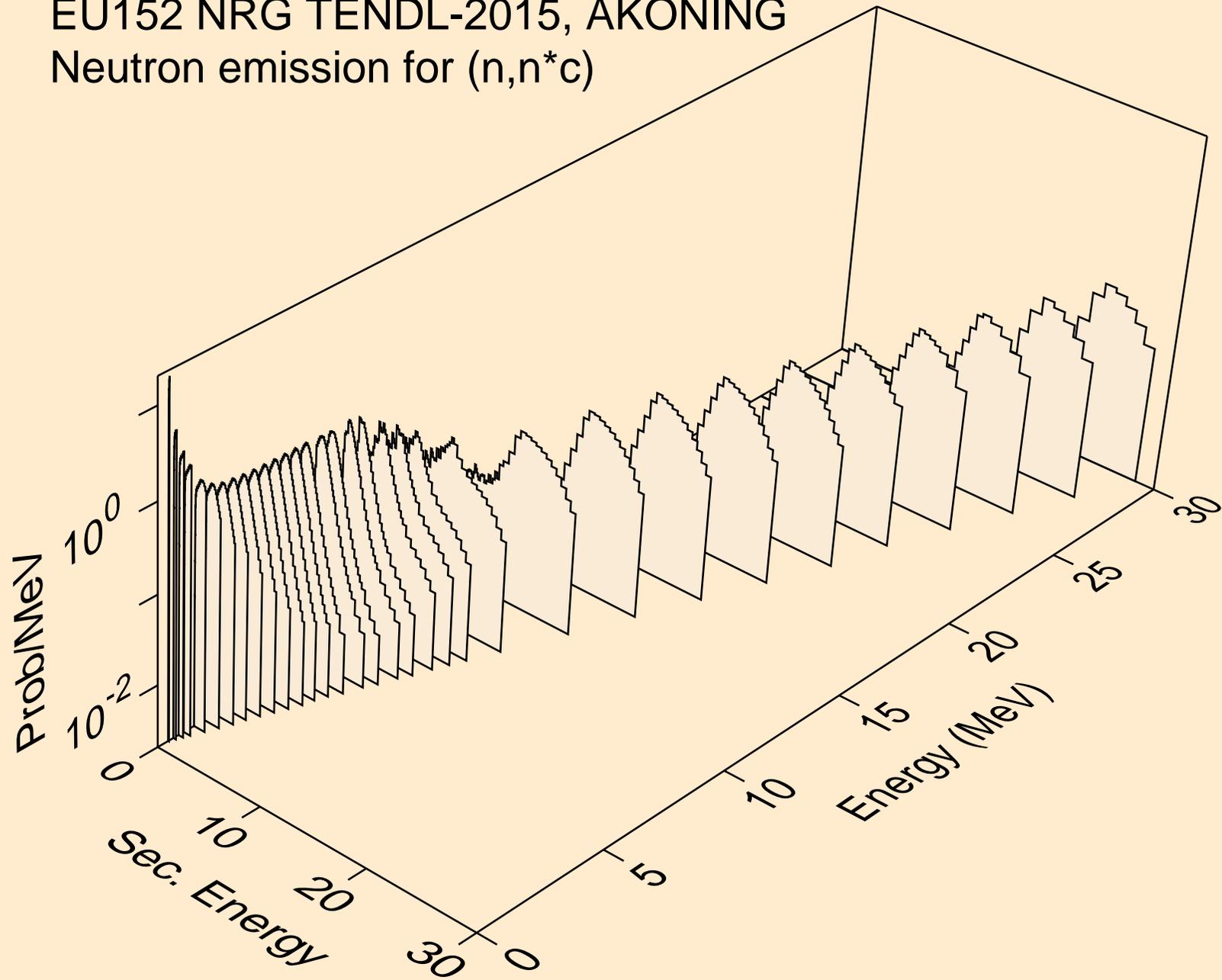
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



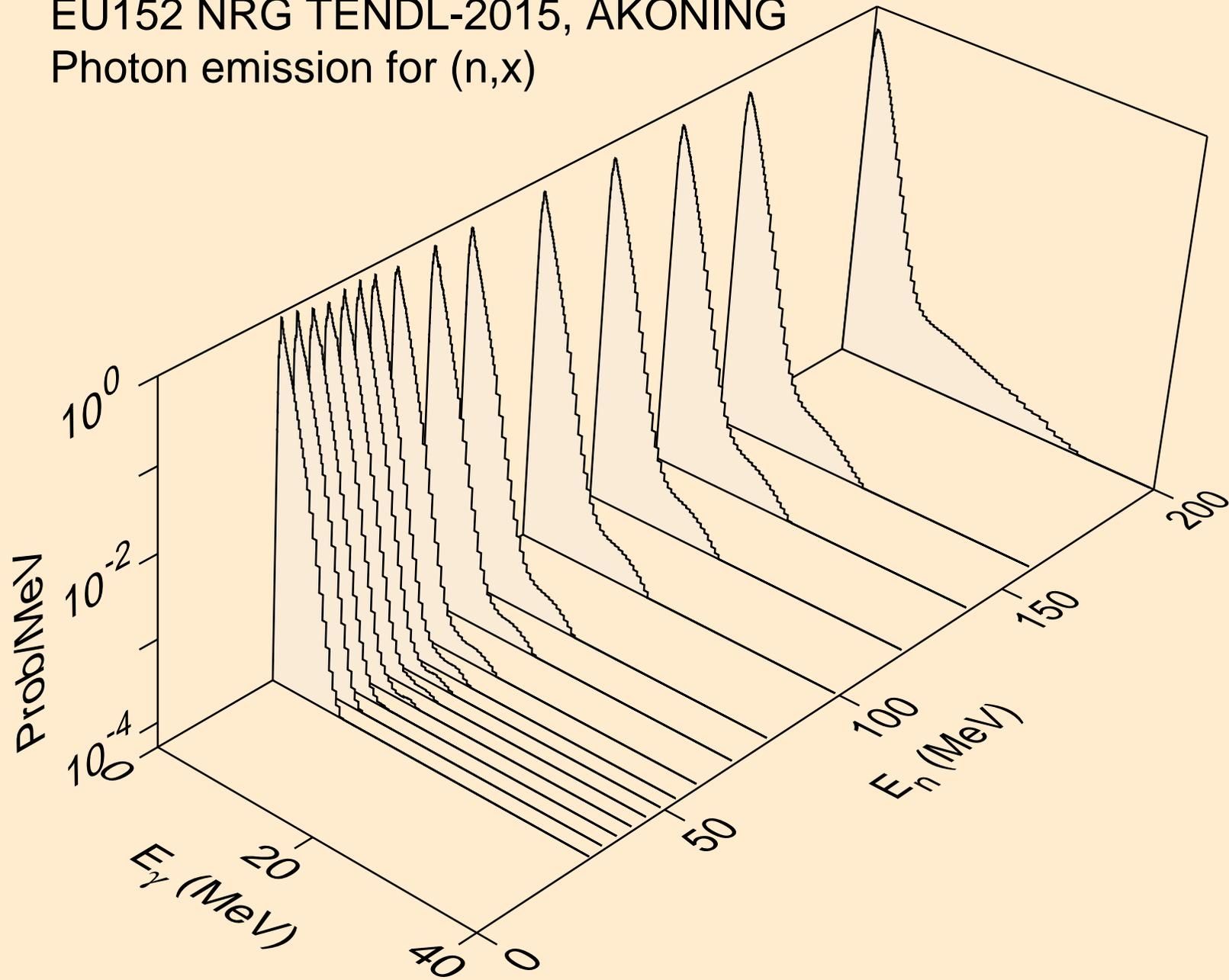
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



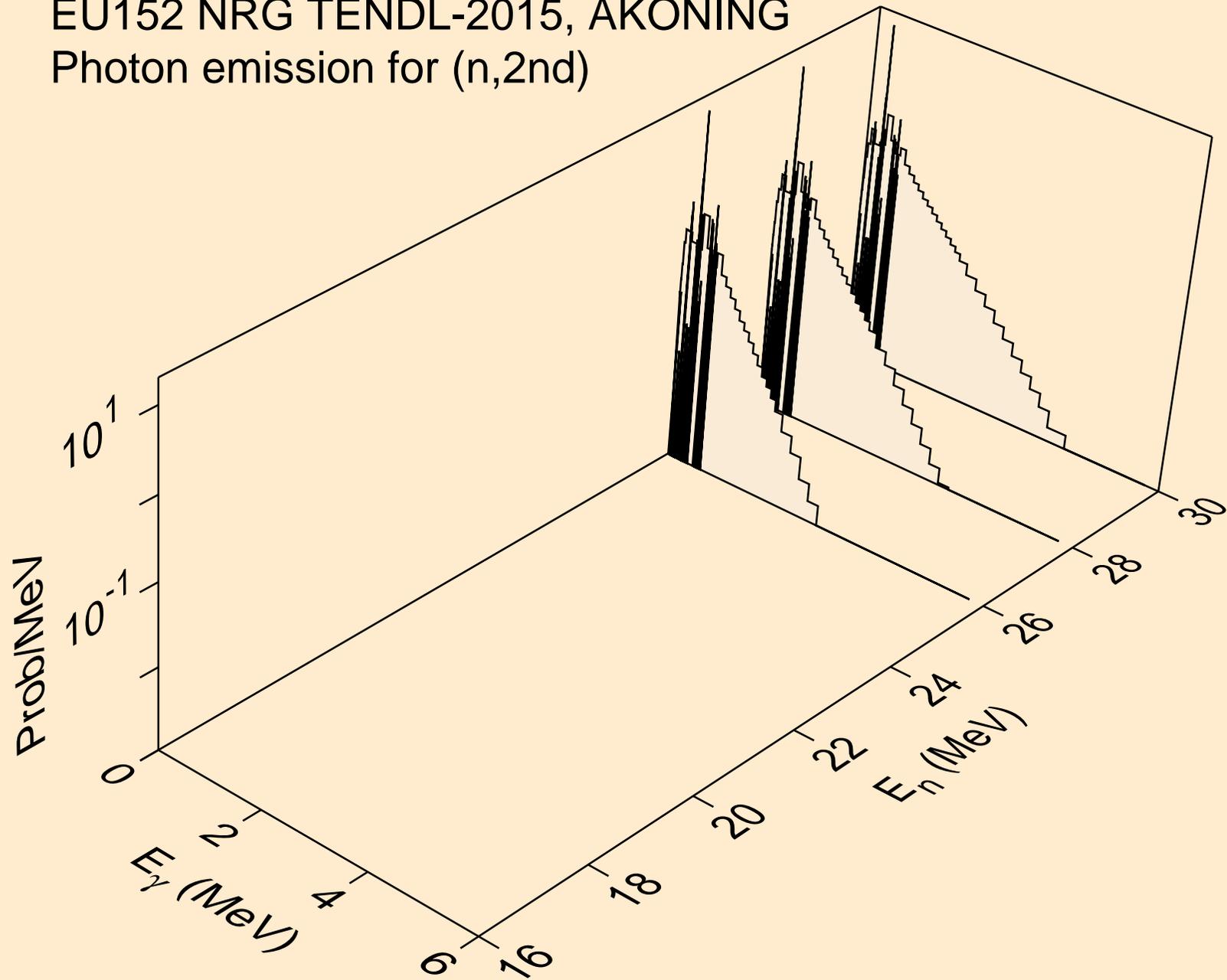
EU152 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



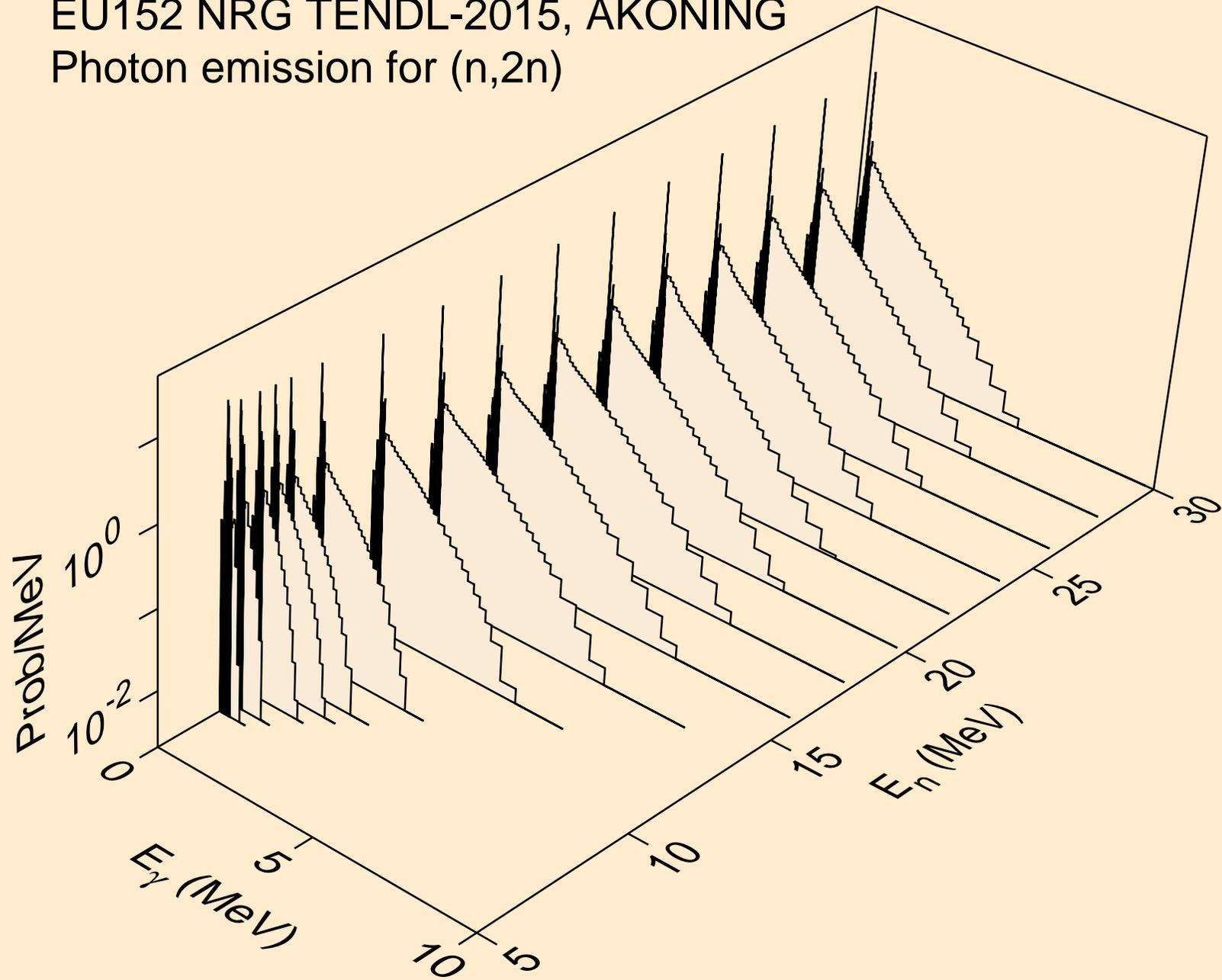
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



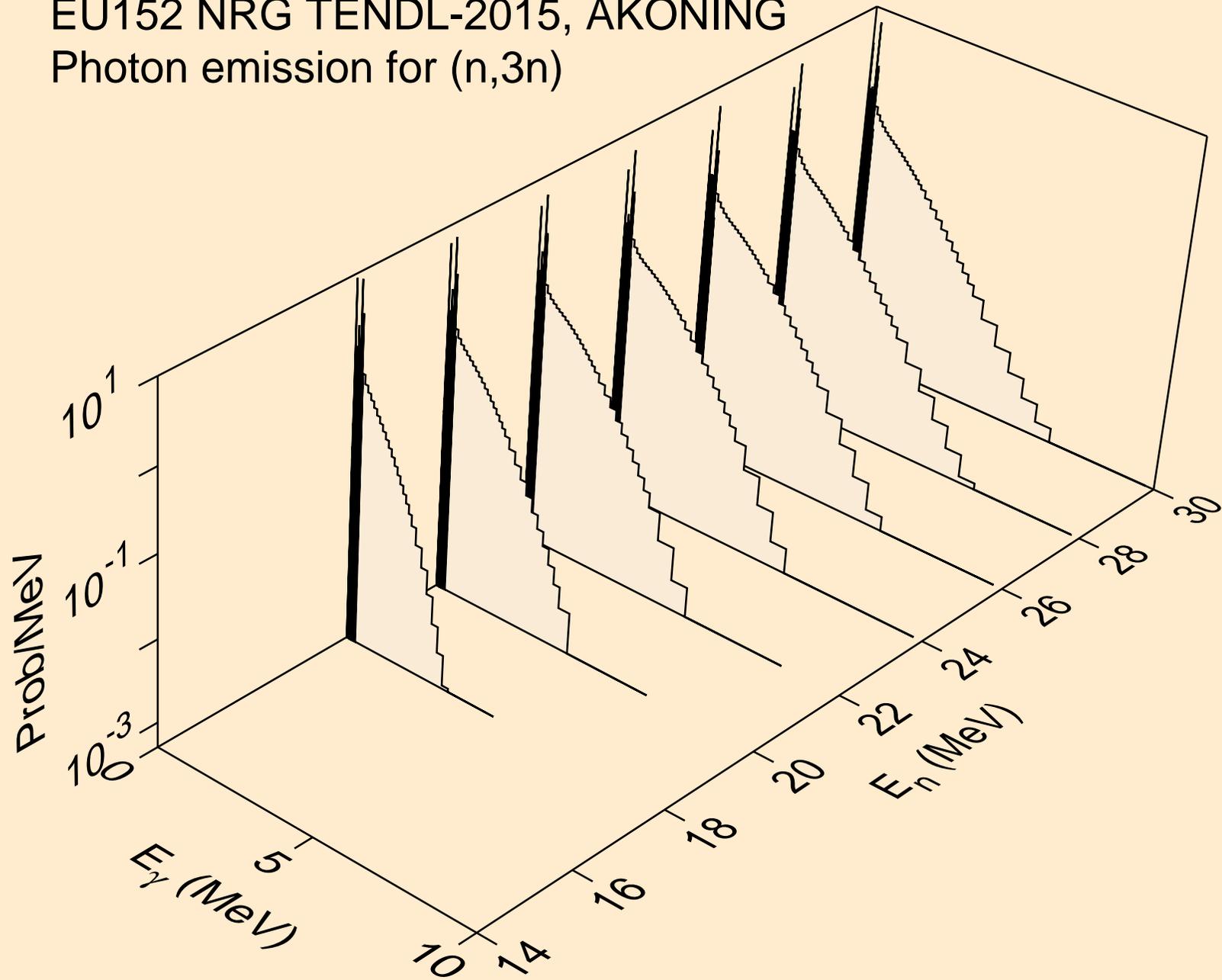
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



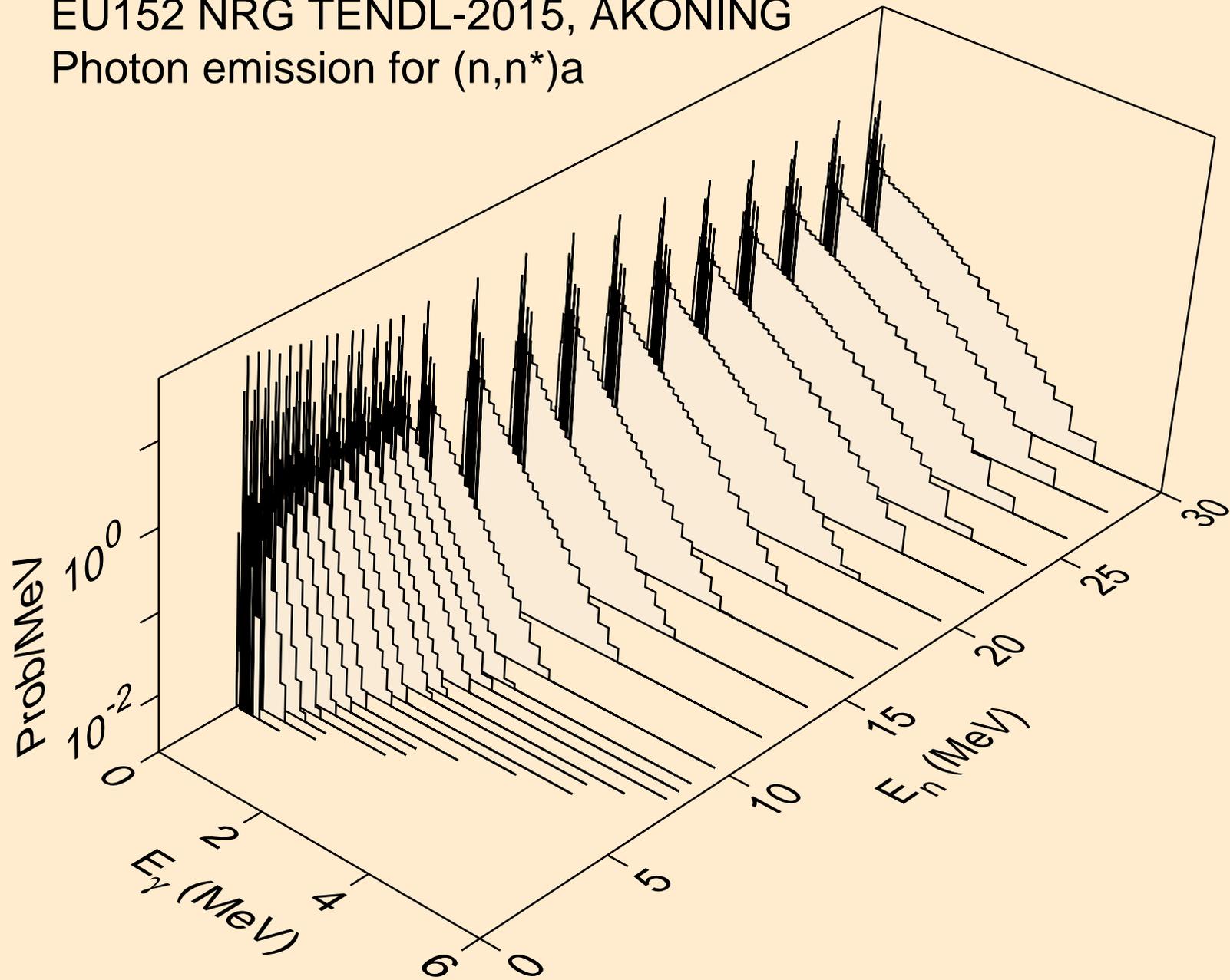
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Photon emission for (n,2n)



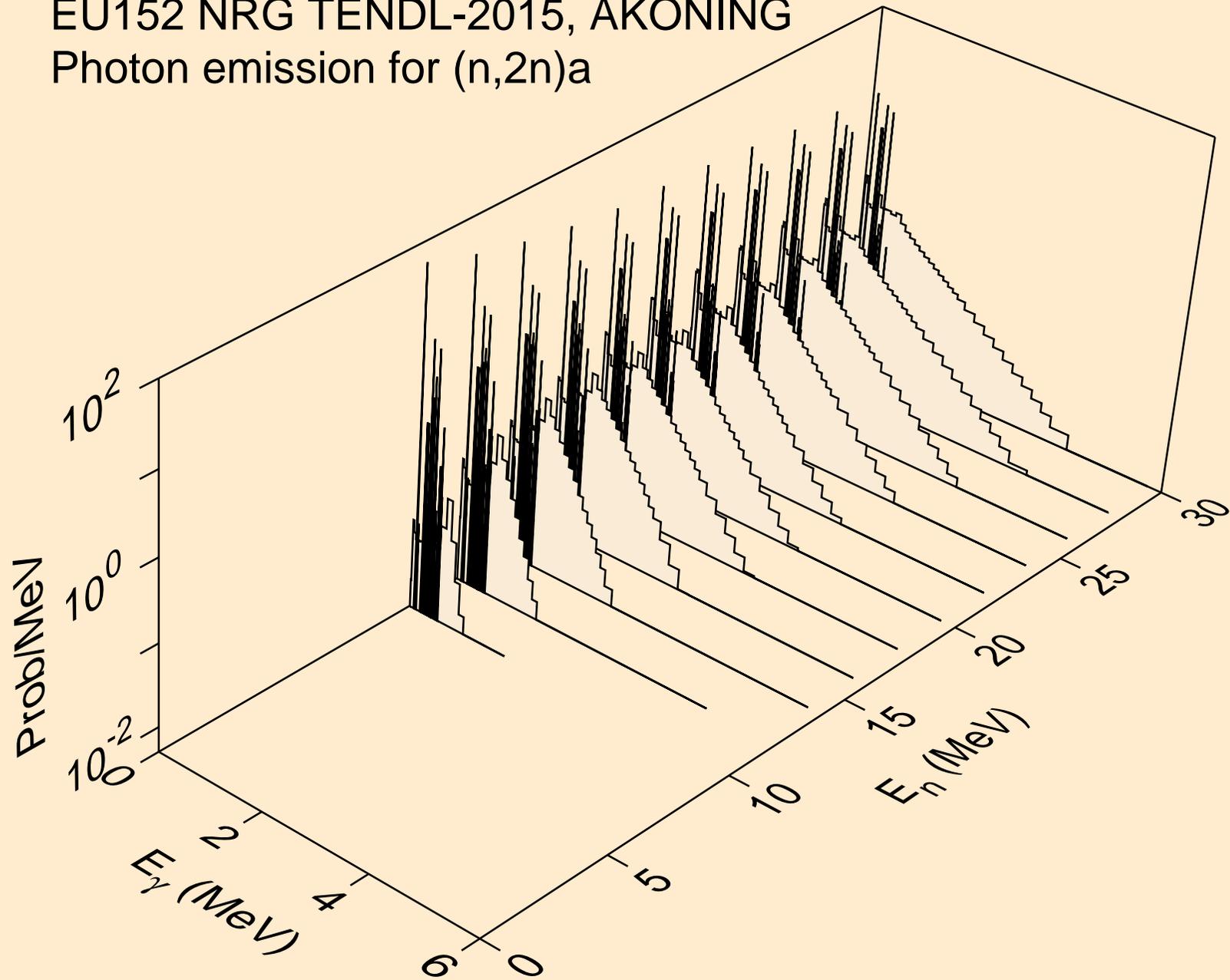
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Photon emission for (n,3n)



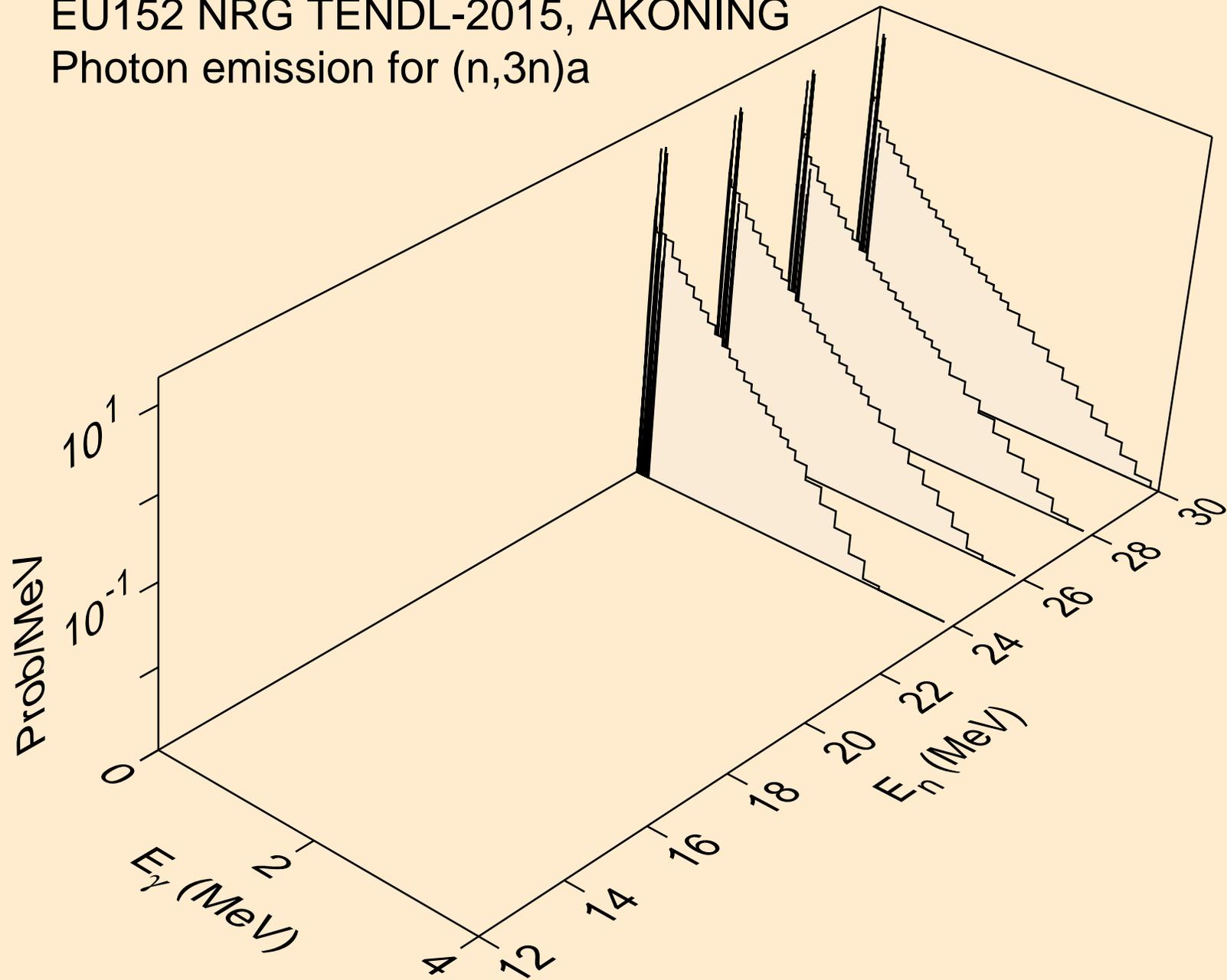
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



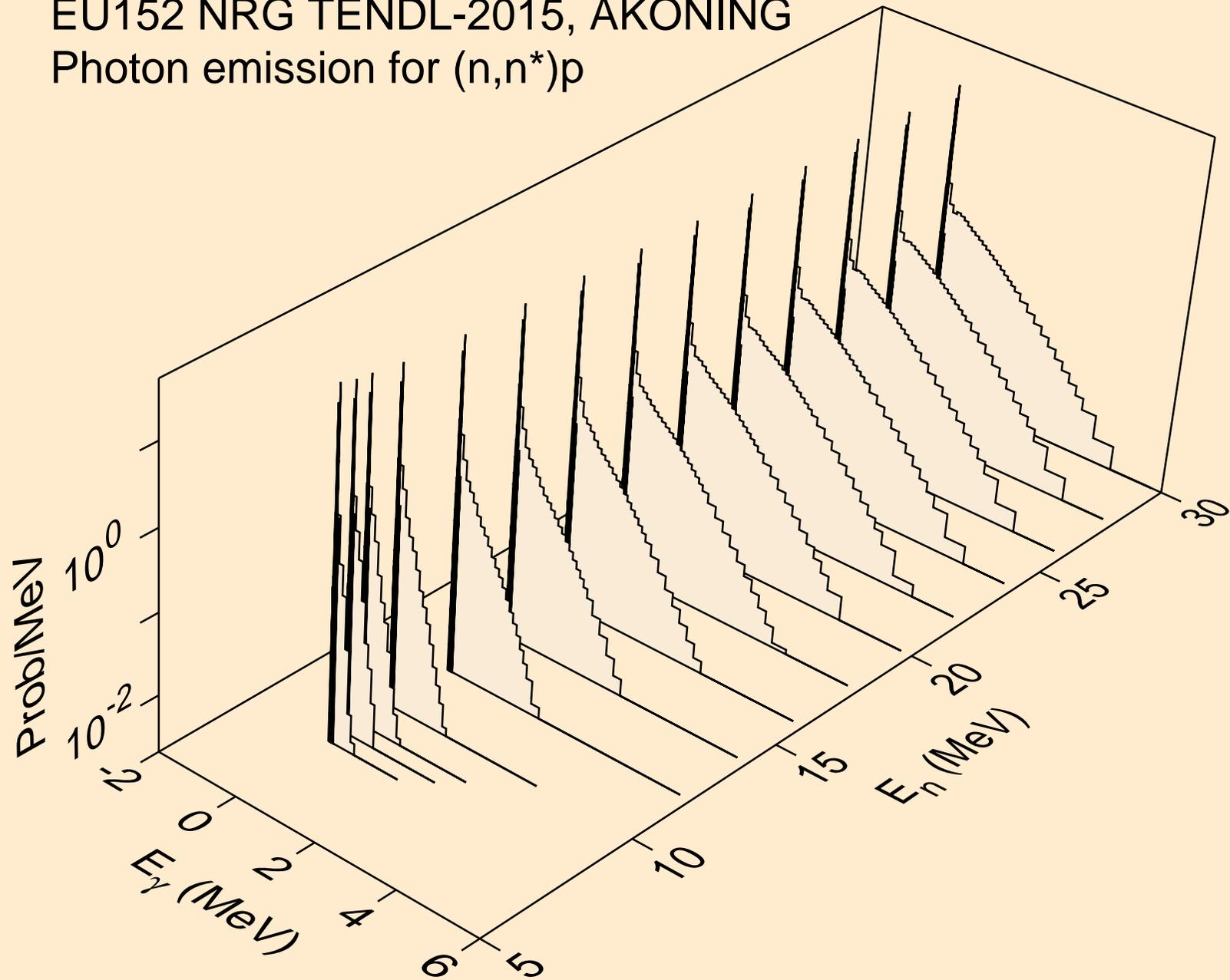
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



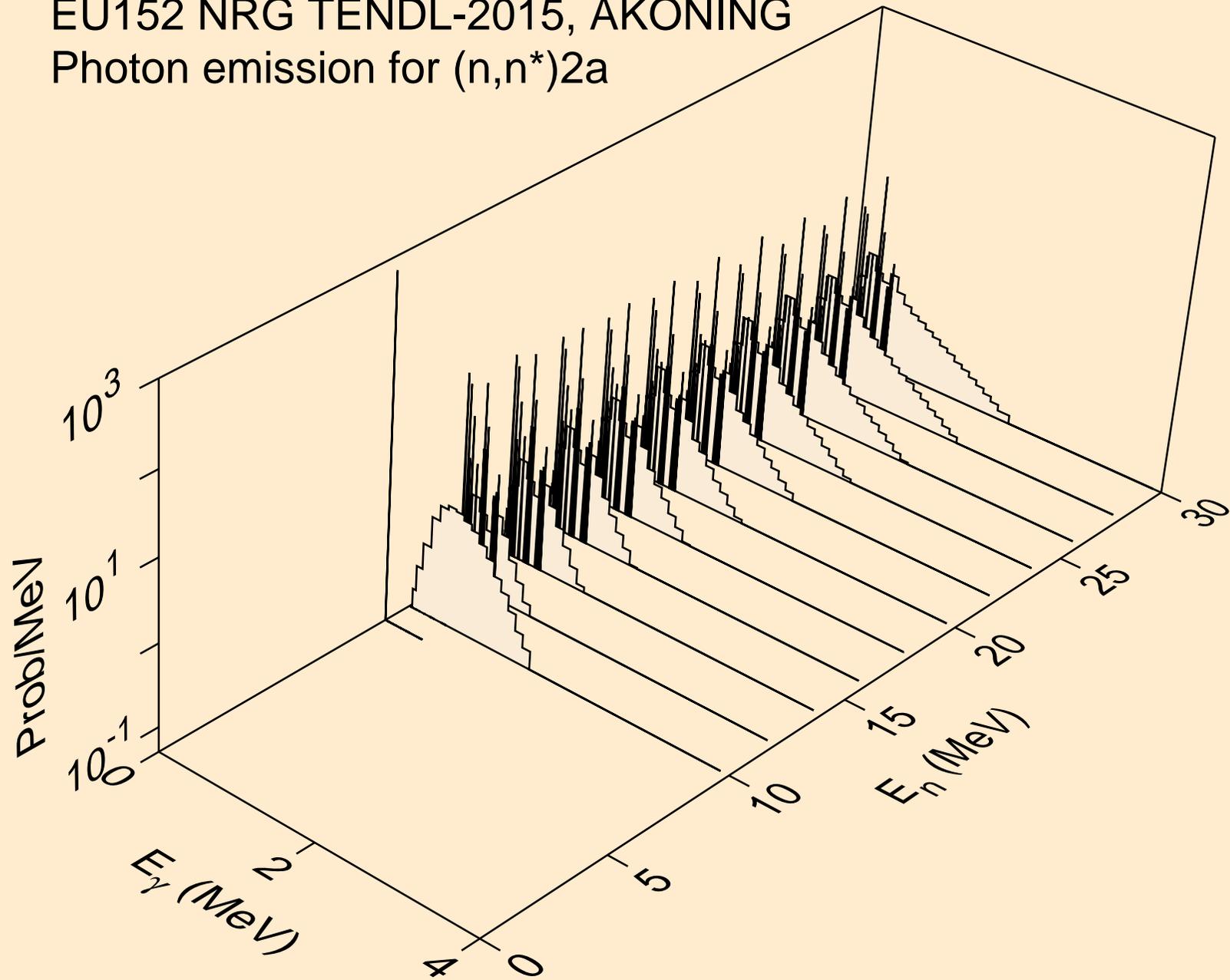
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



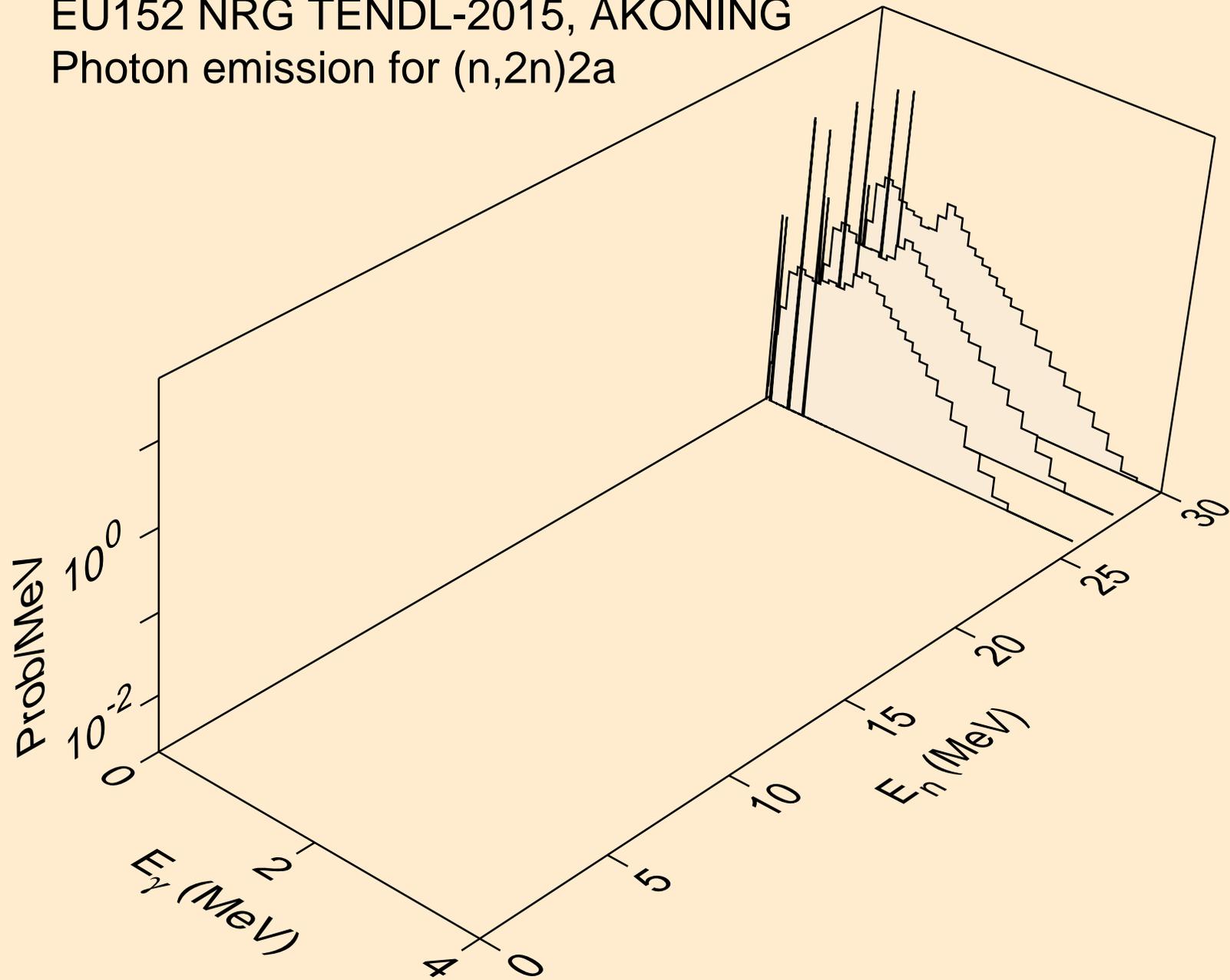
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



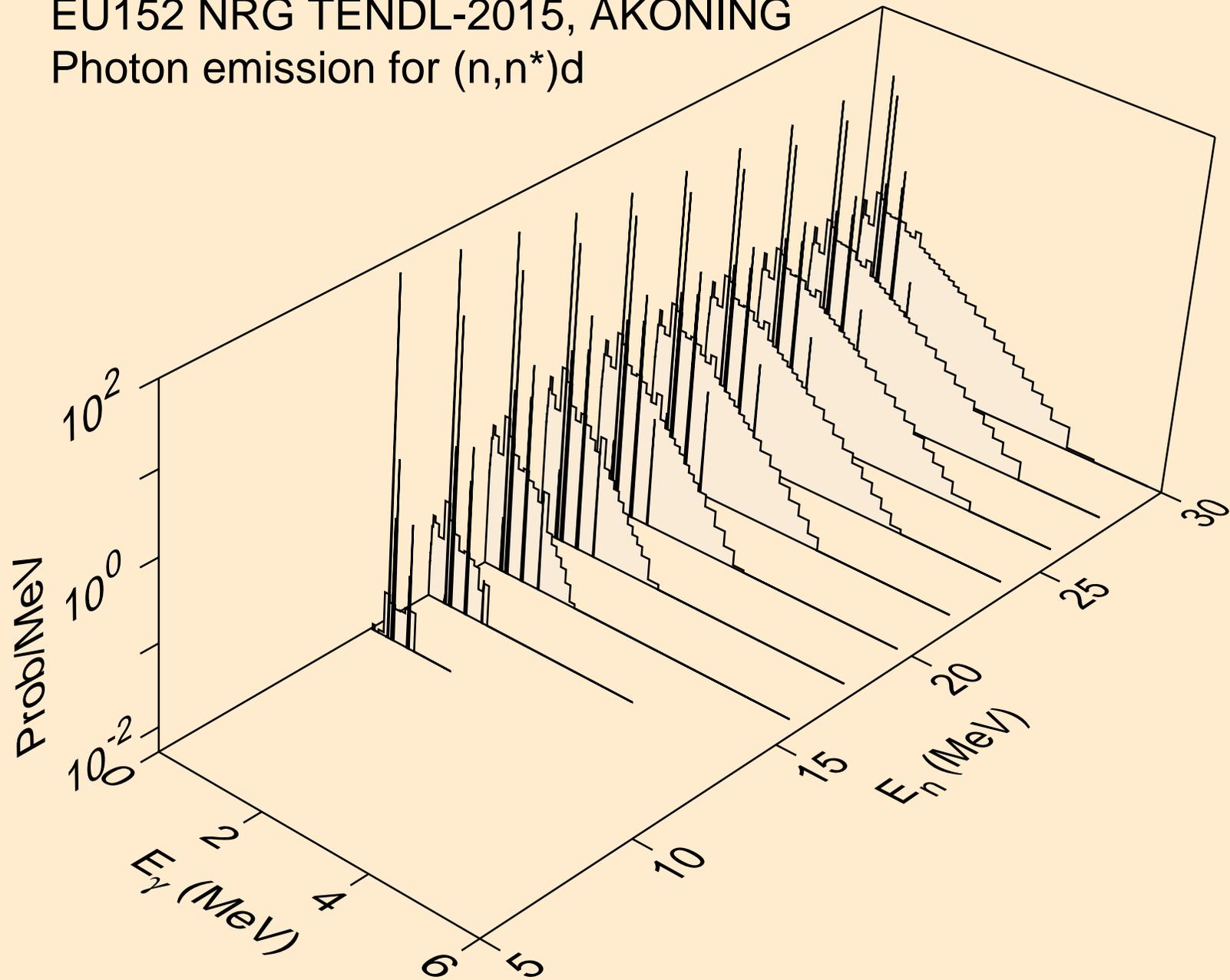
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



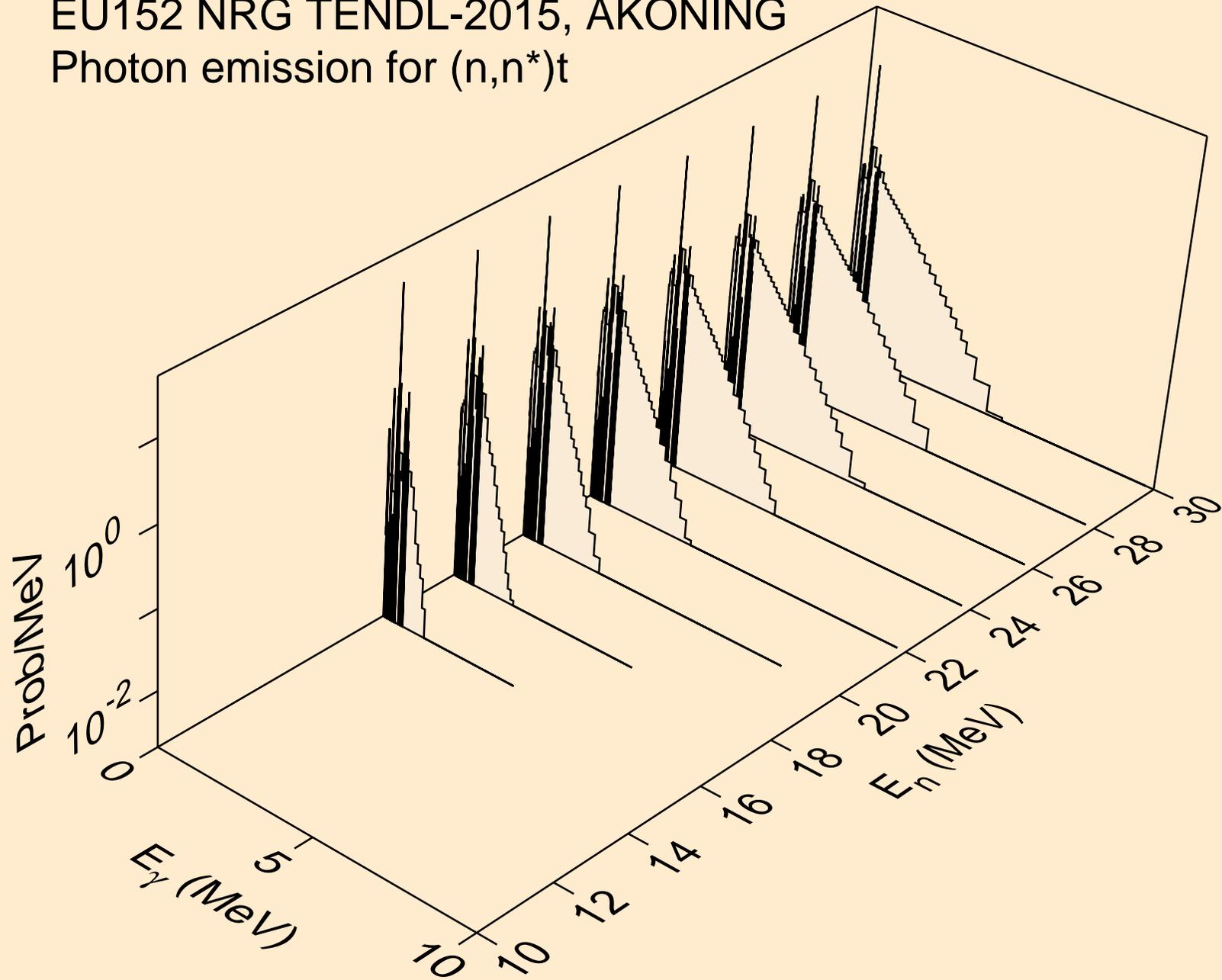
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Photon emission for (n,2n)2a



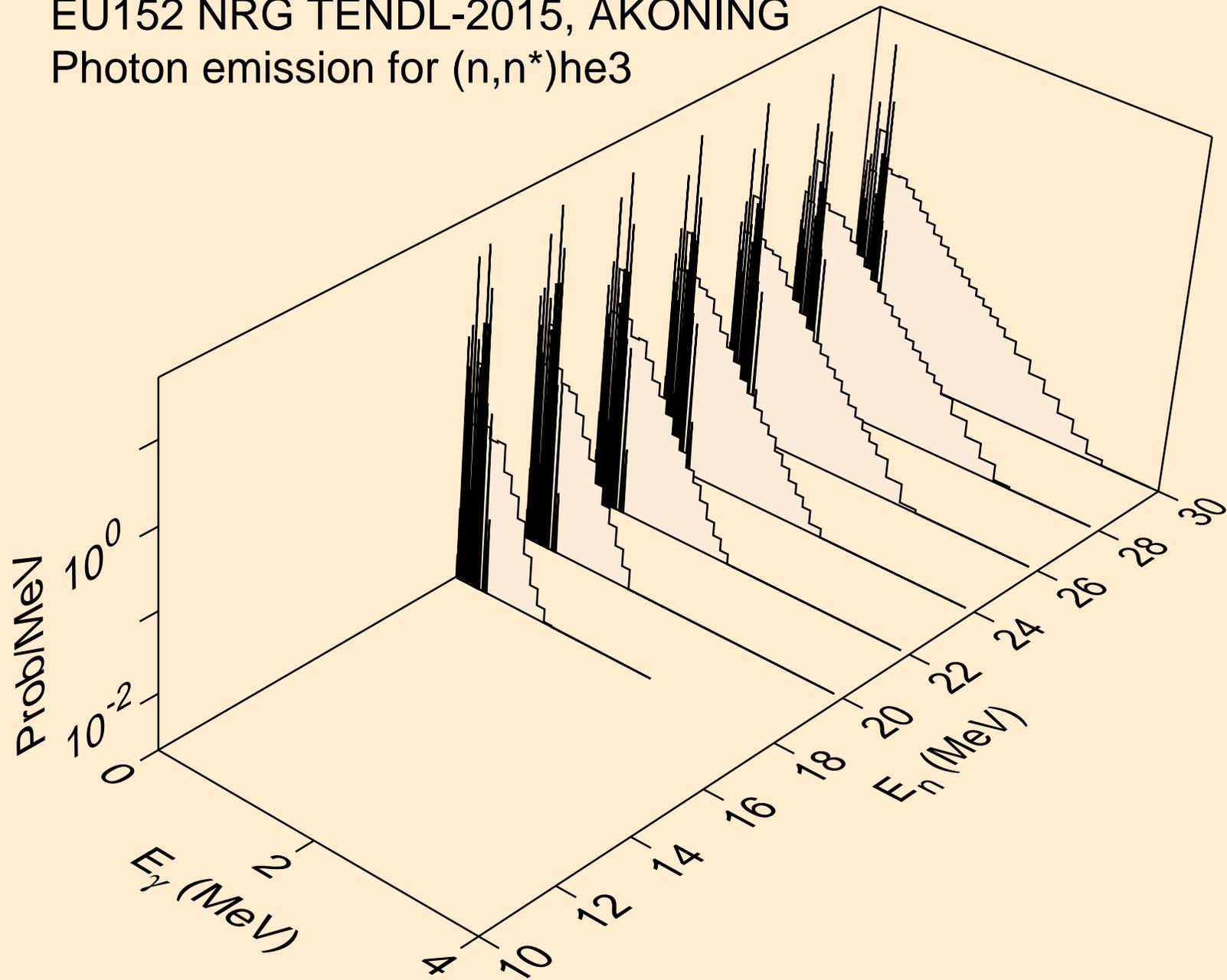
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Photon emission for (n,n\*)d



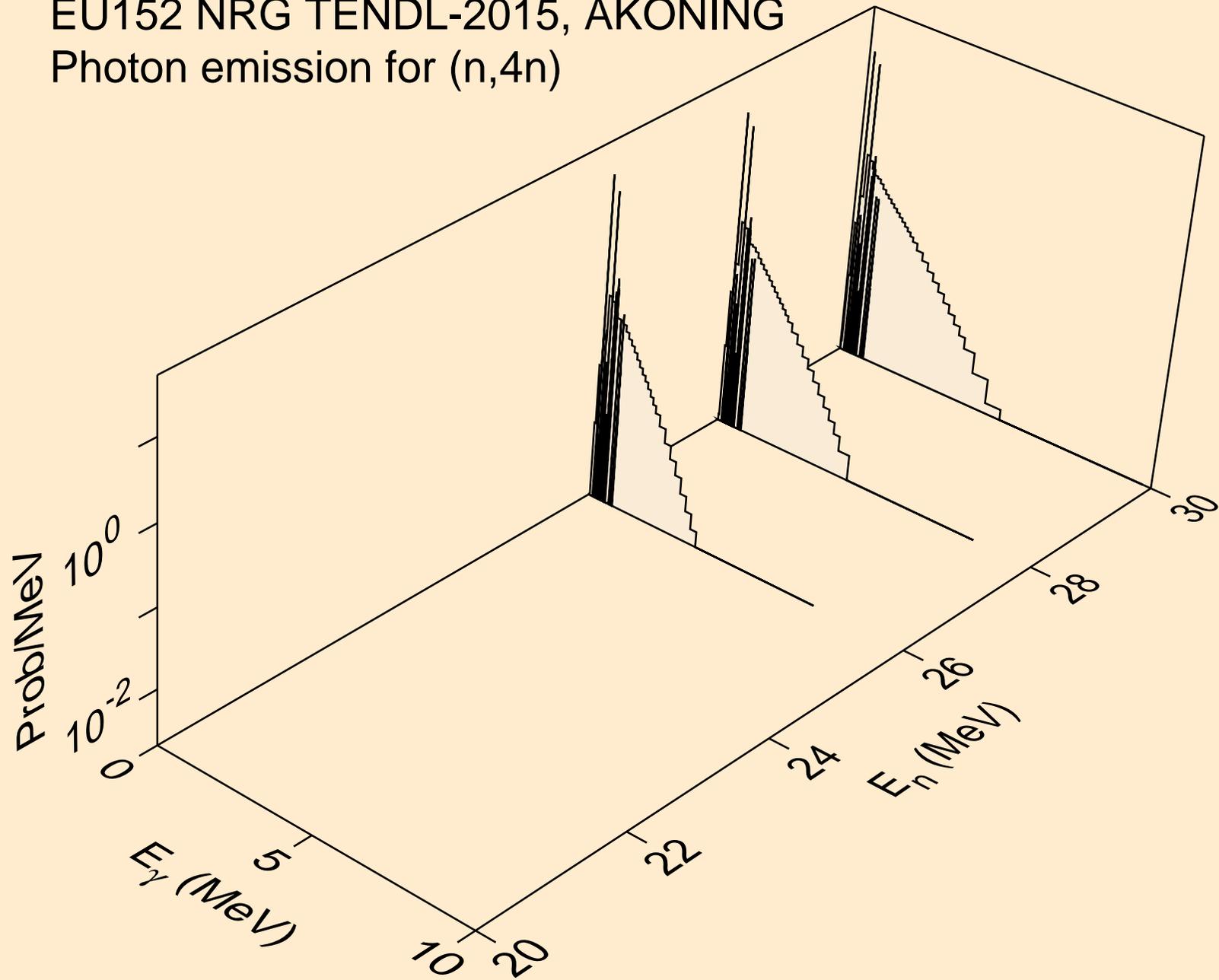
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Photon emission for (n,n\*)t



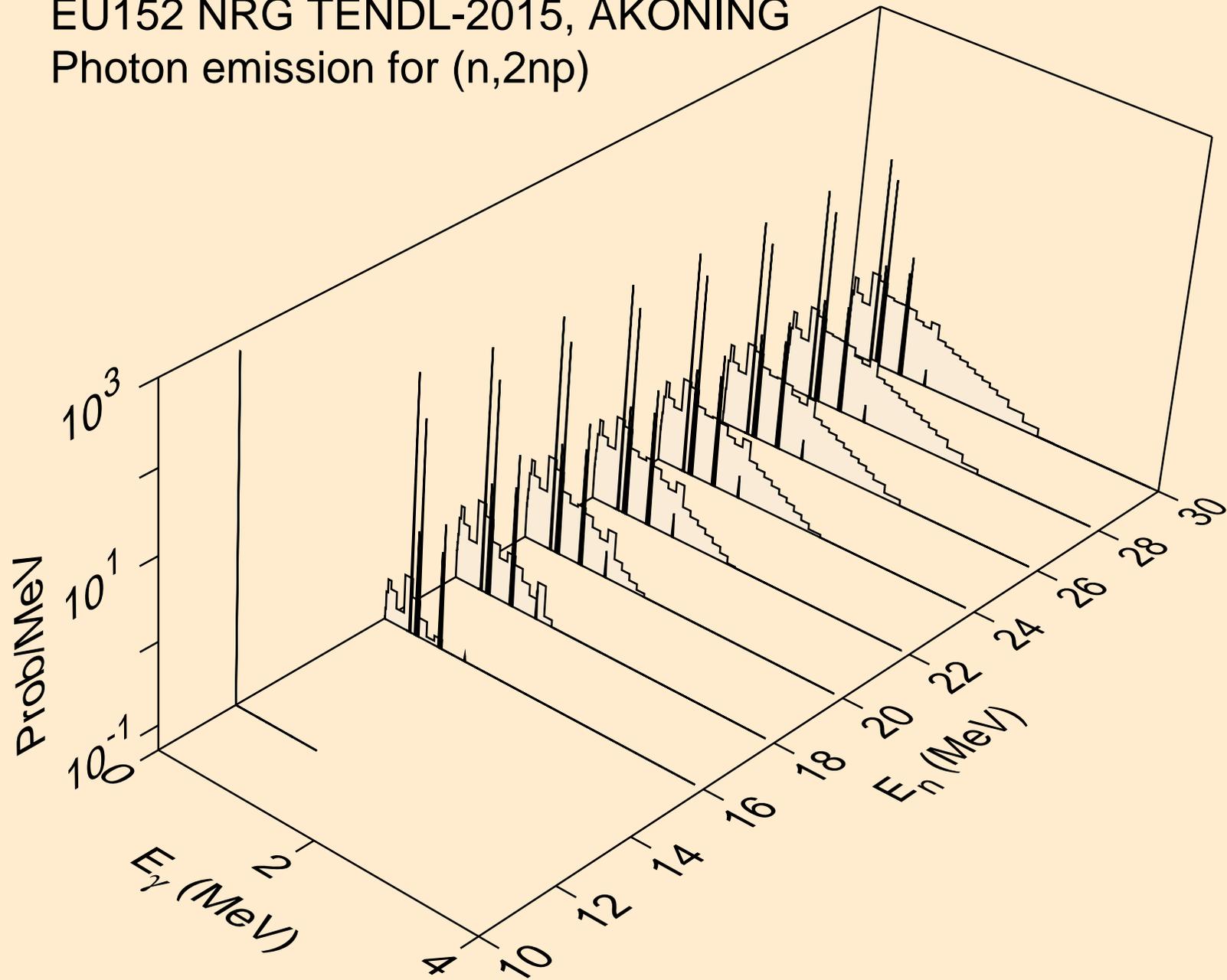
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Photon emission for (n,n\*)he3



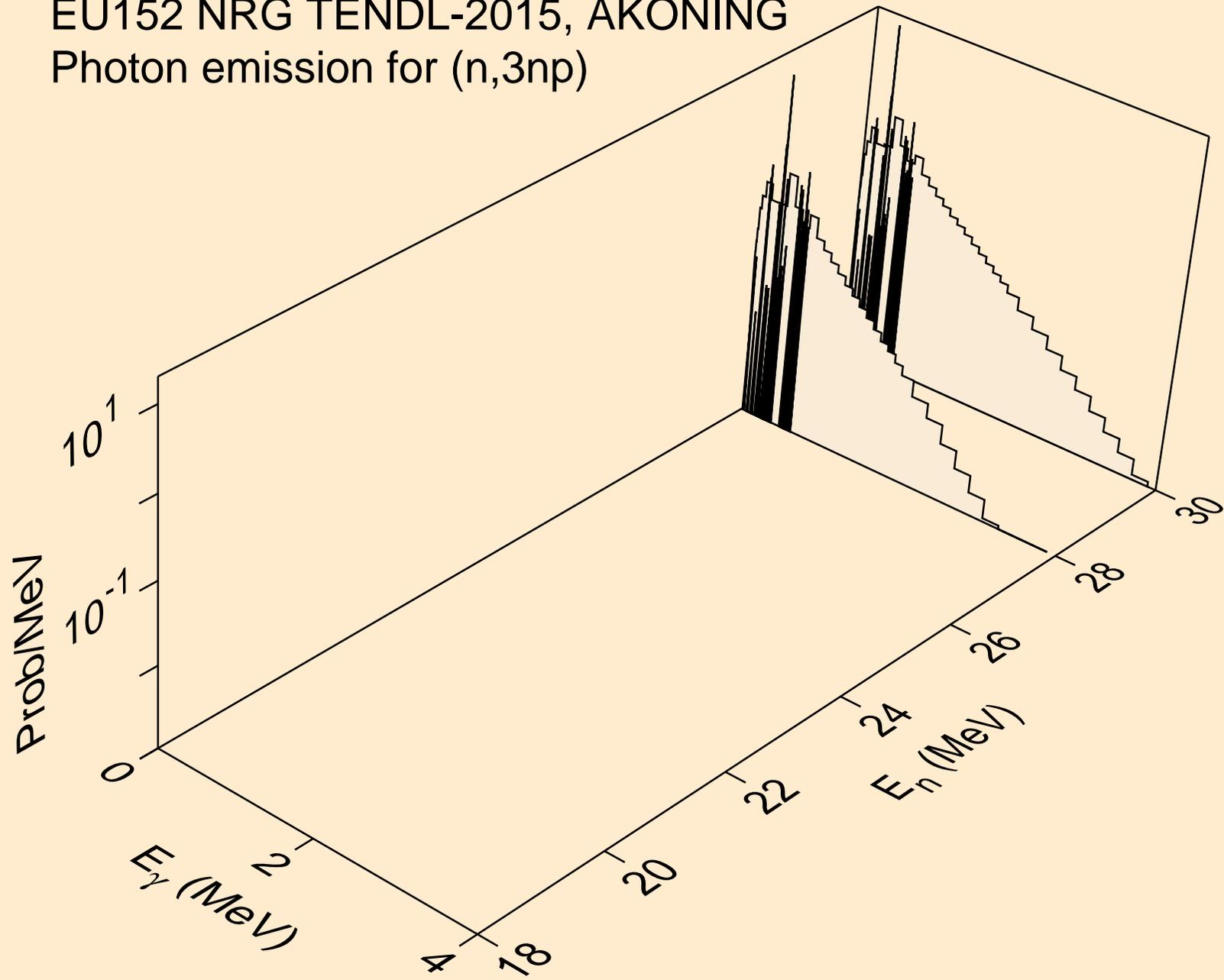
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Photon emission for (n,4n)



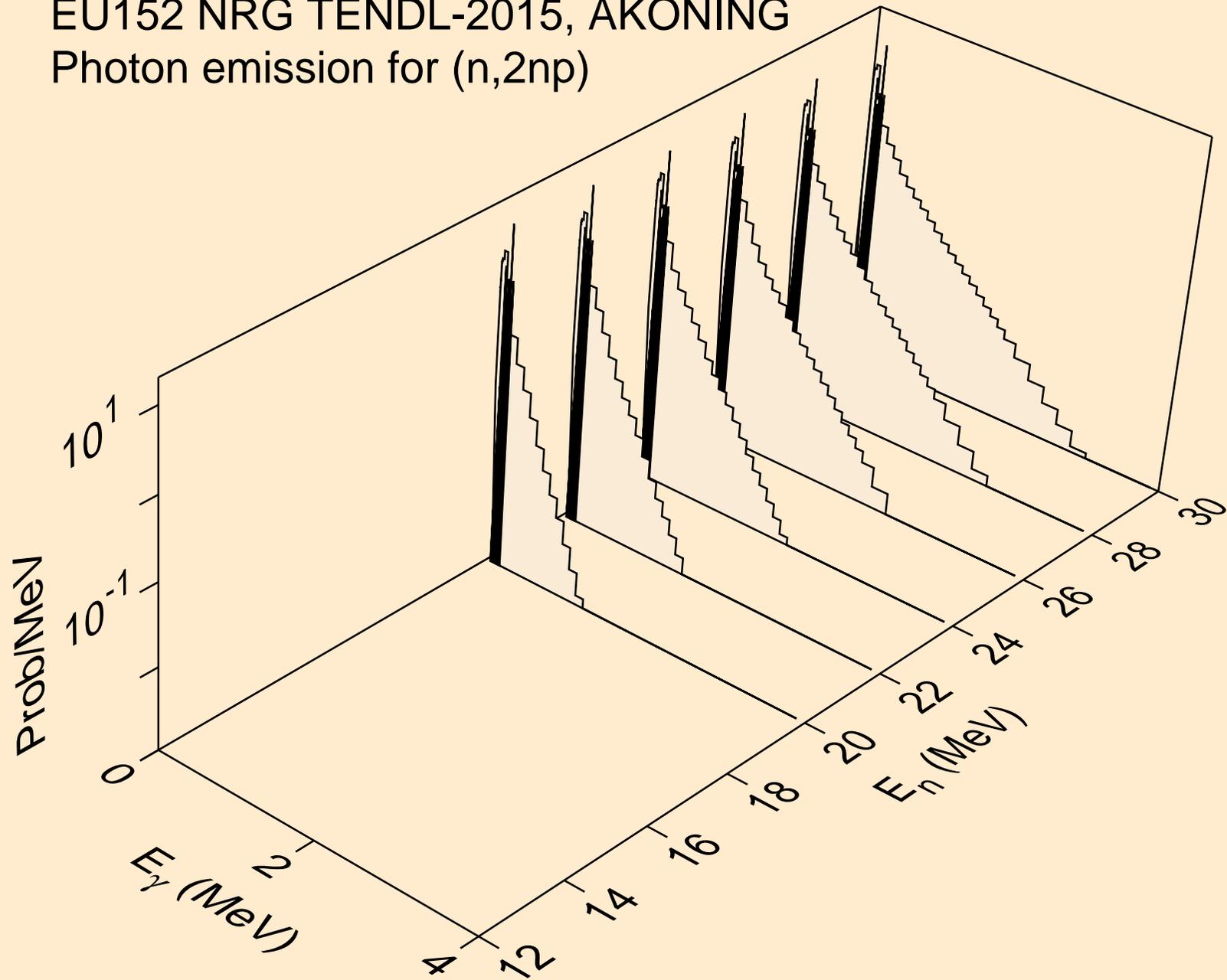
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Photon emission for (n,2np)



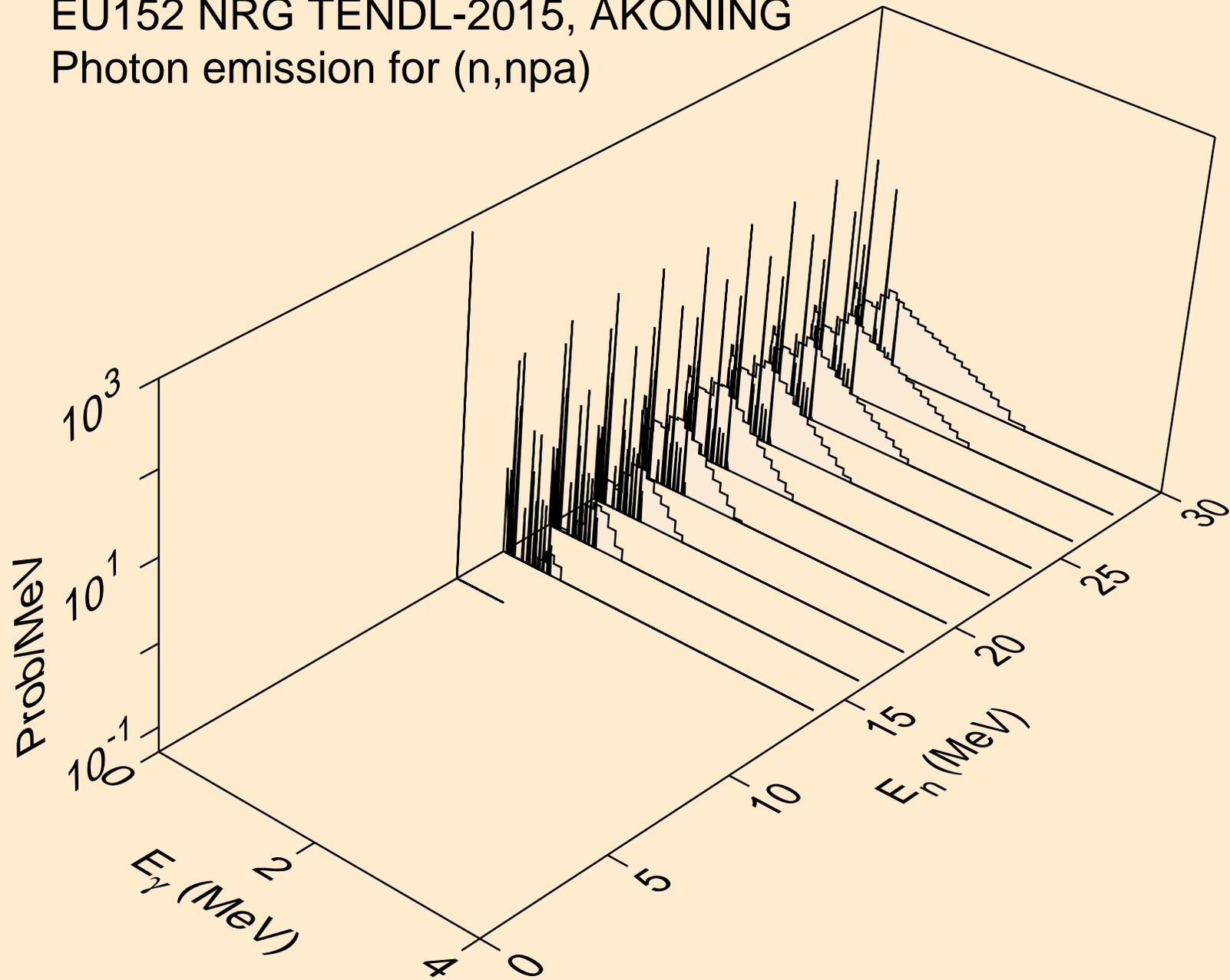
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Photon emission for (n,3np)



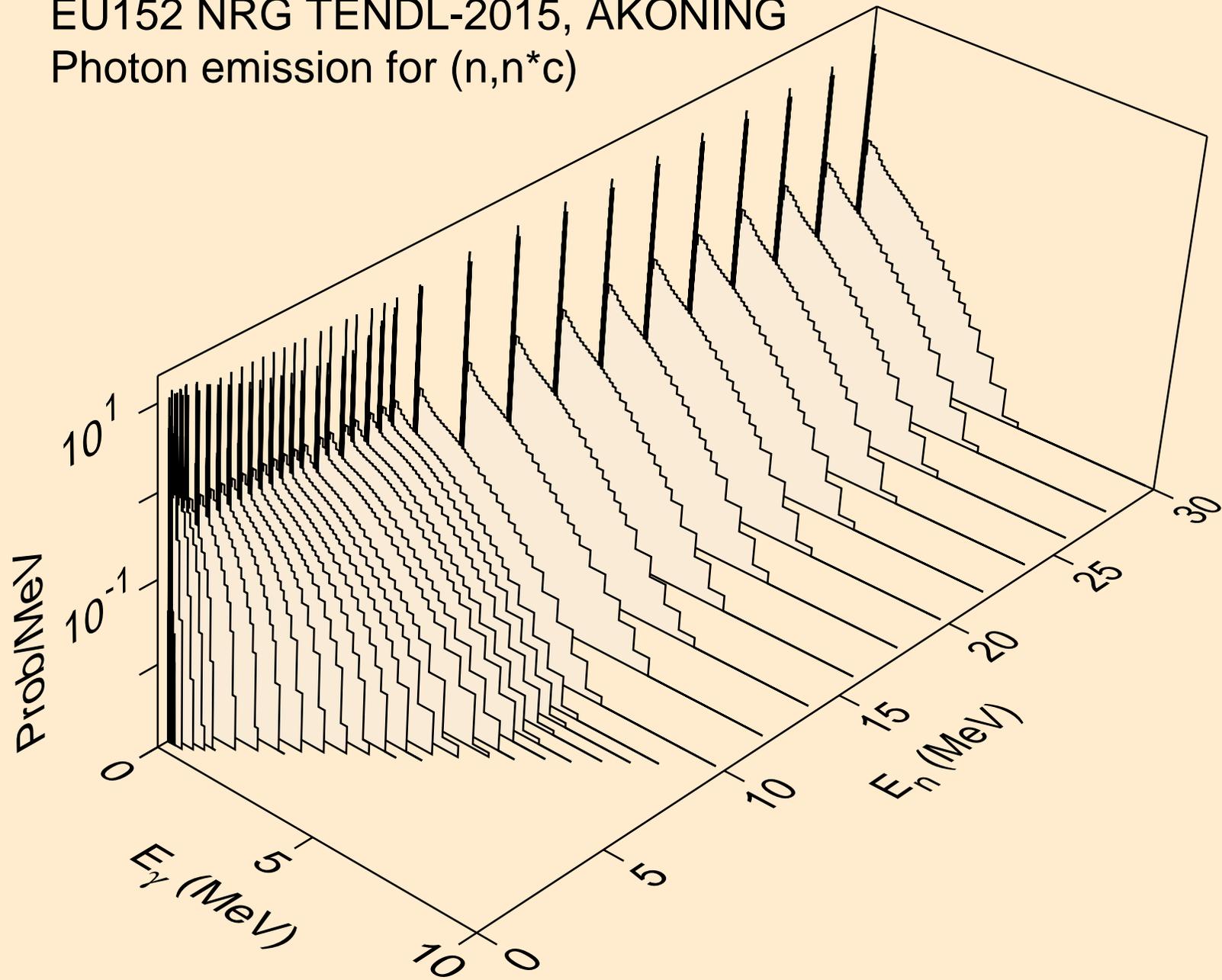
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Photon emission for (n,2np)



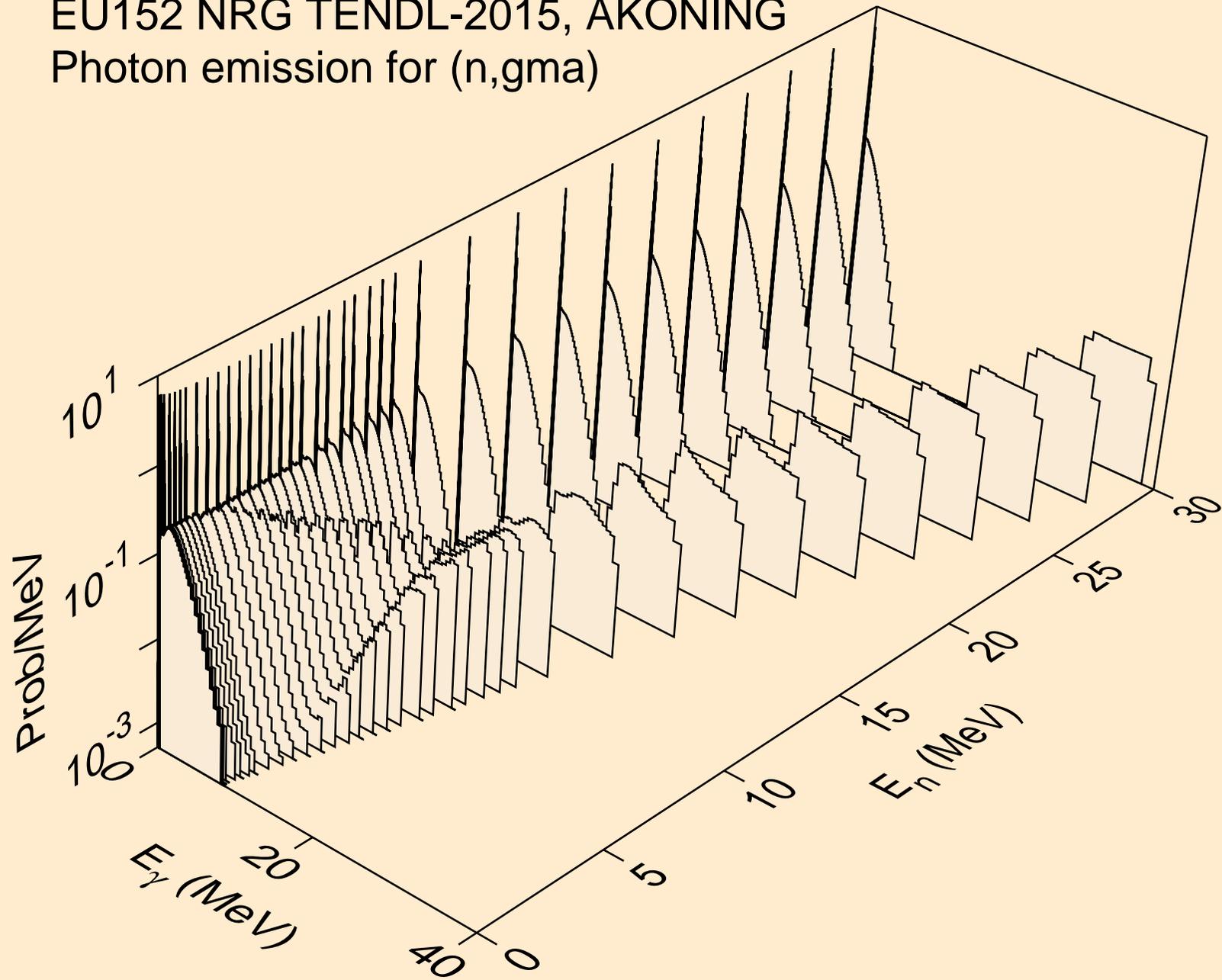
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Photon emission for (n,npa)



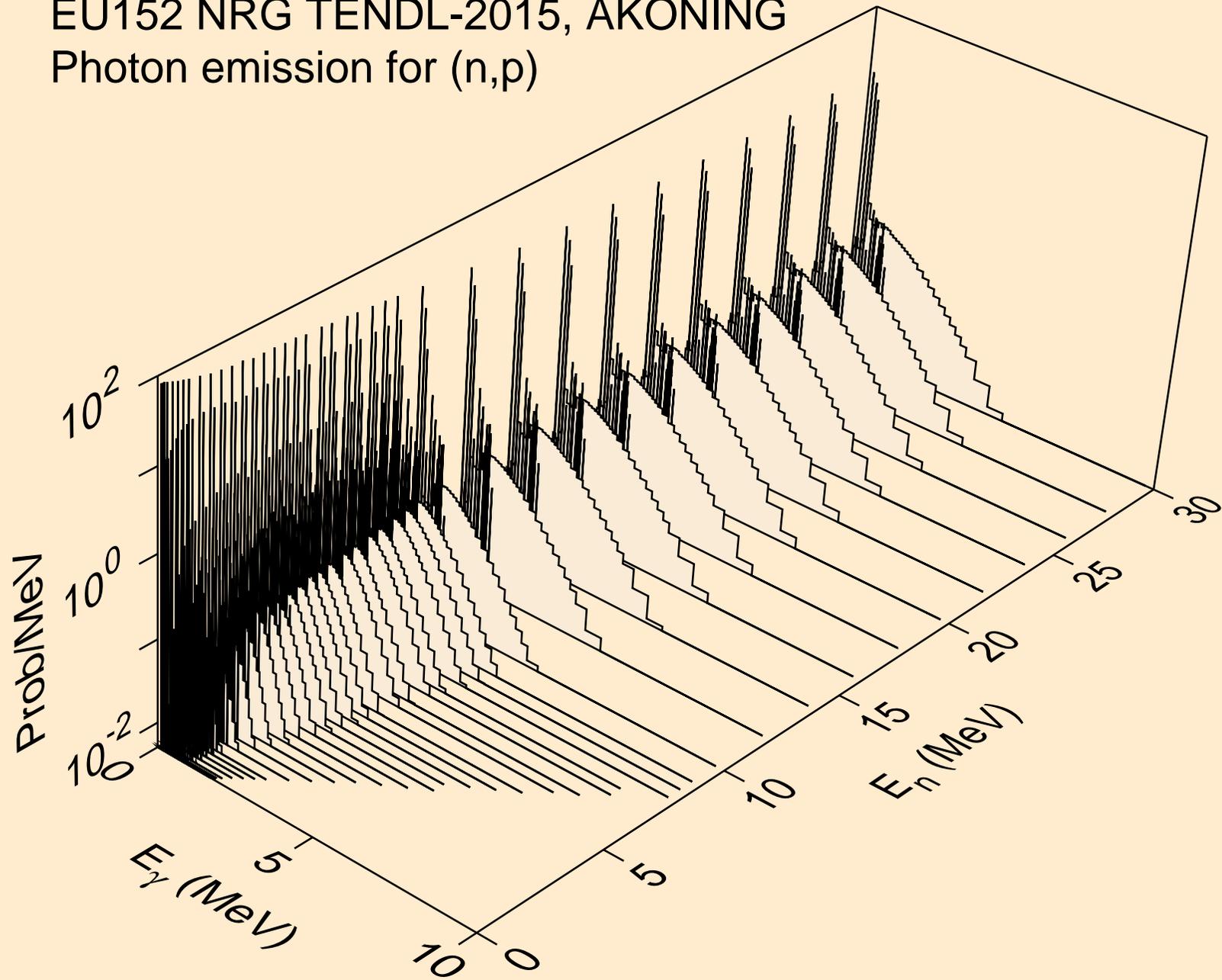
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



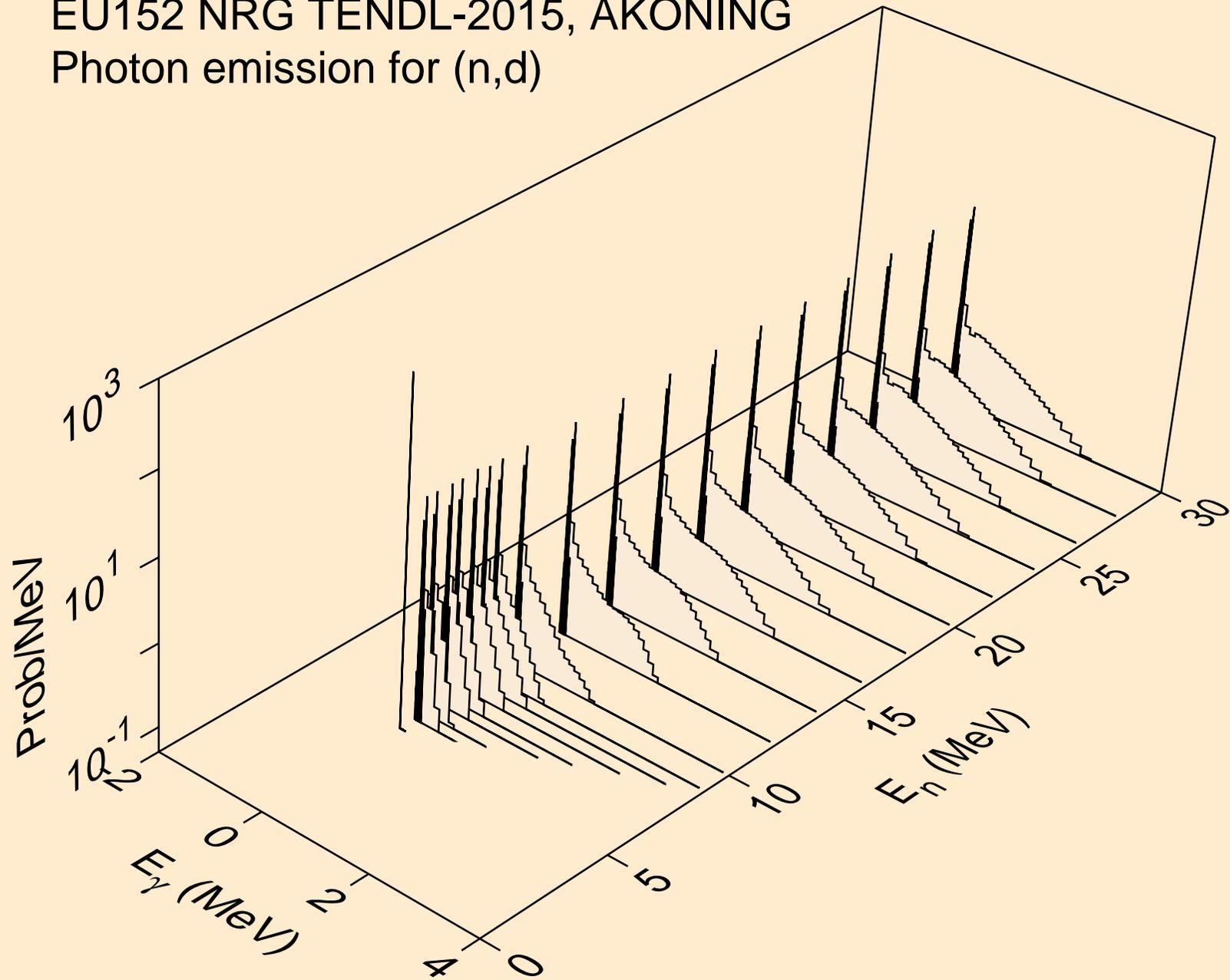
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



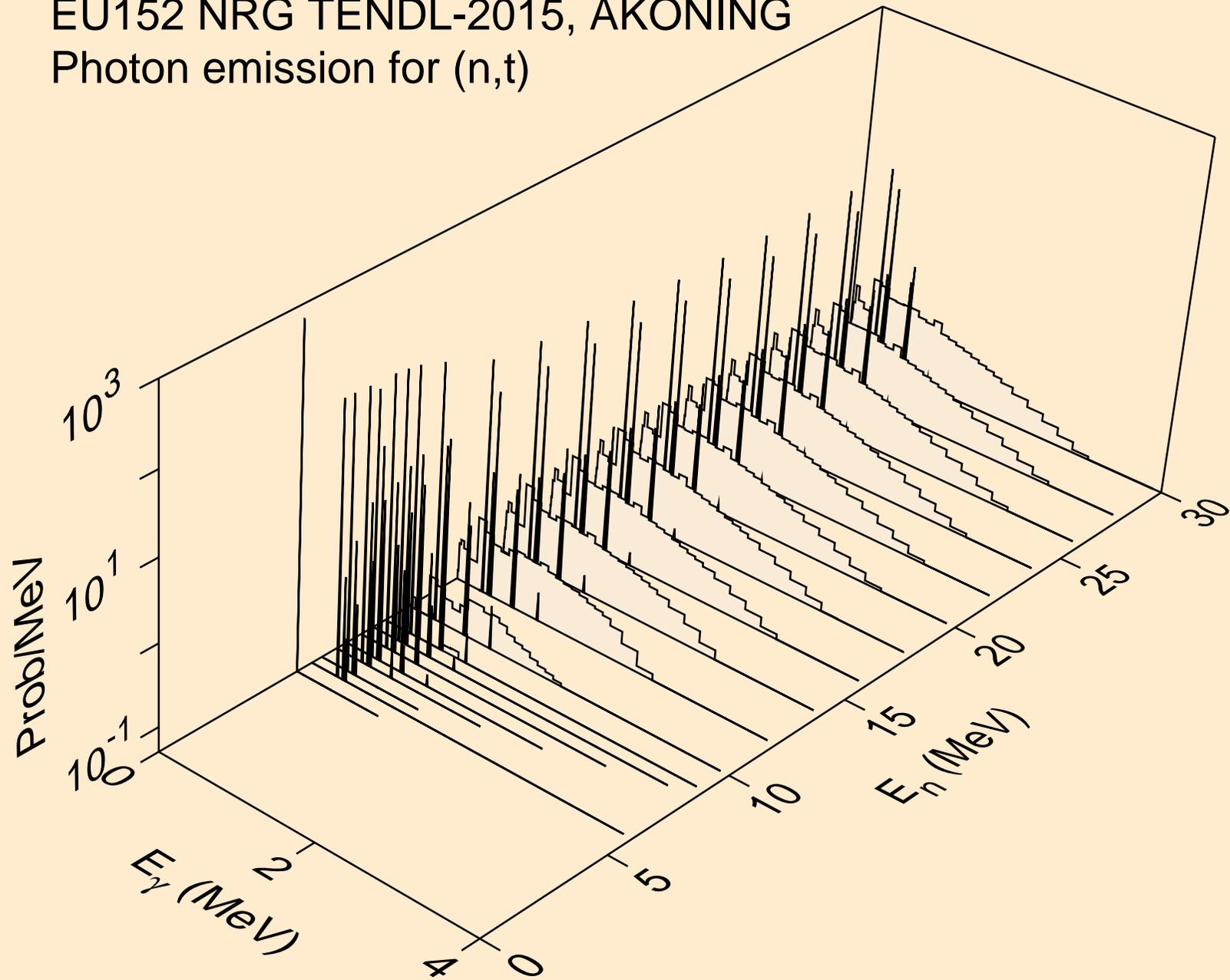
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



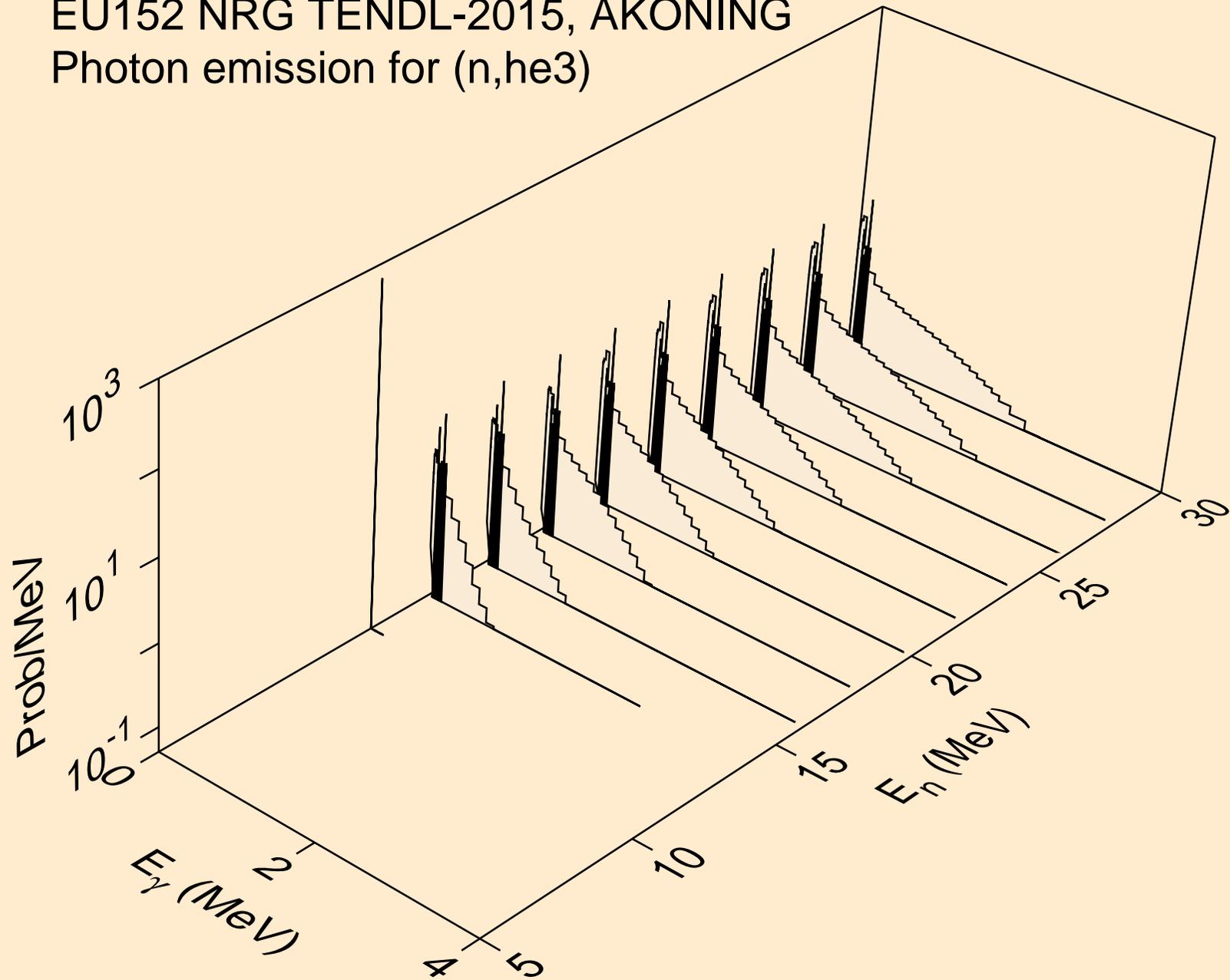
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



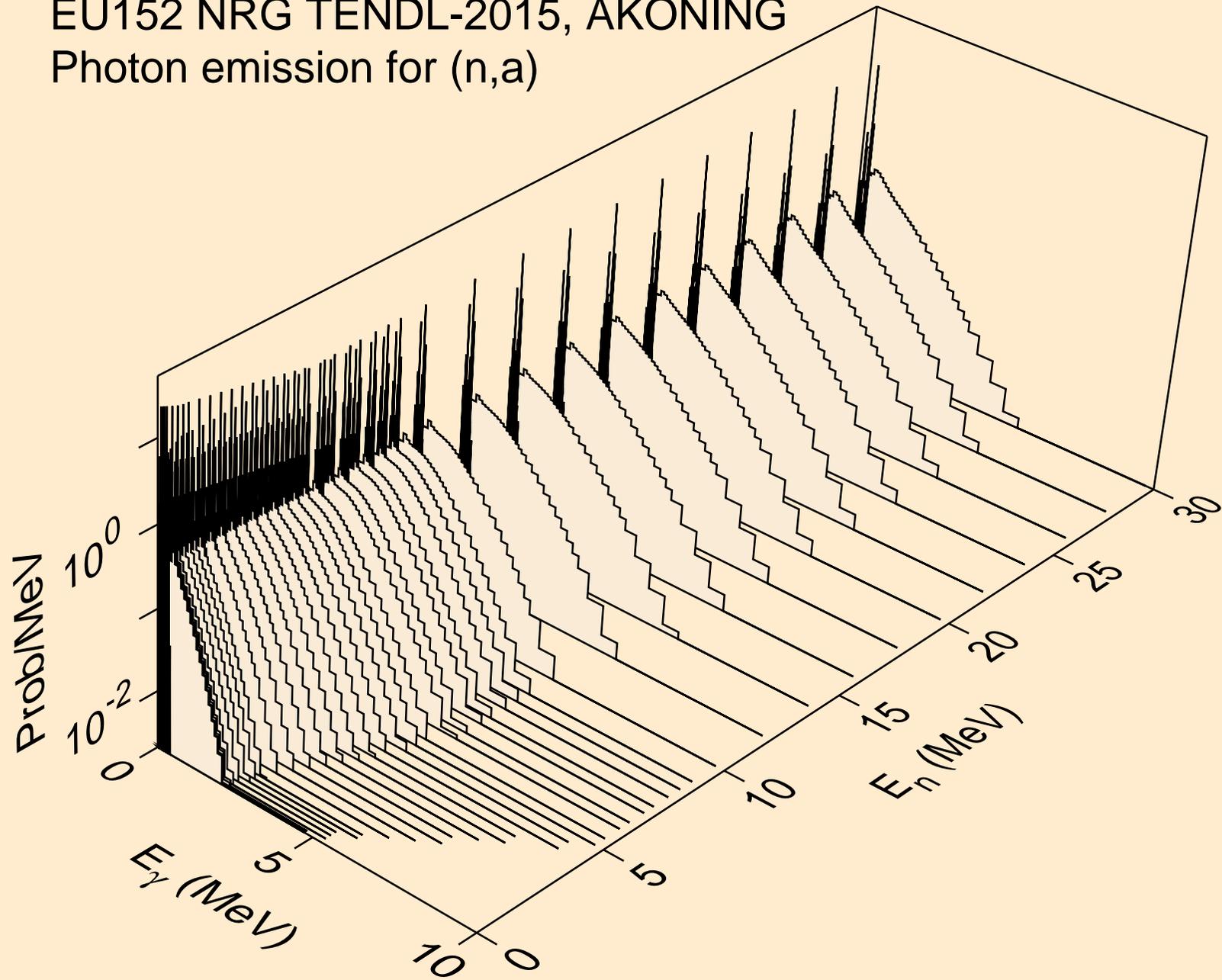
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Photon emission for (n,t)



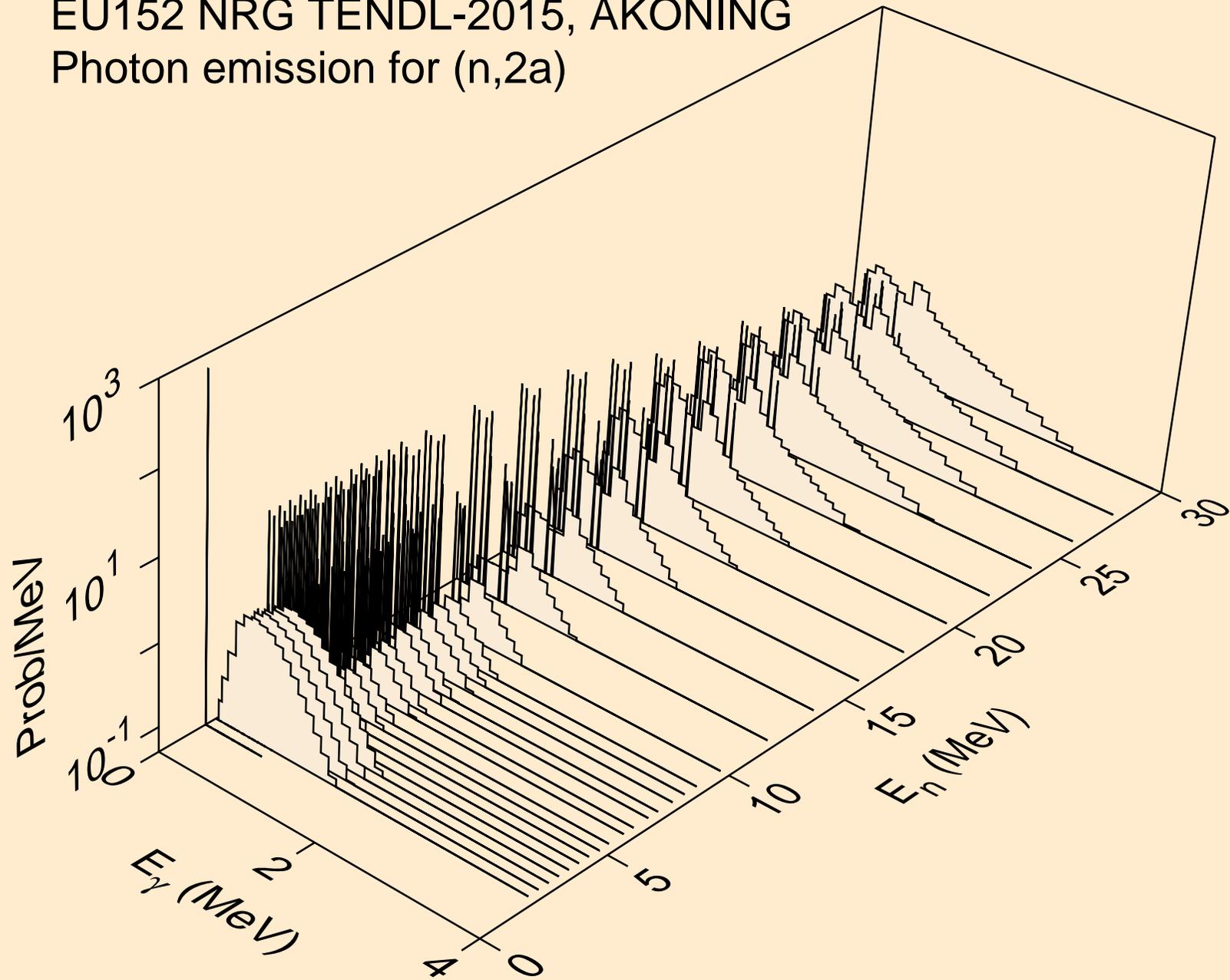
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Photon emission for (n,he3)



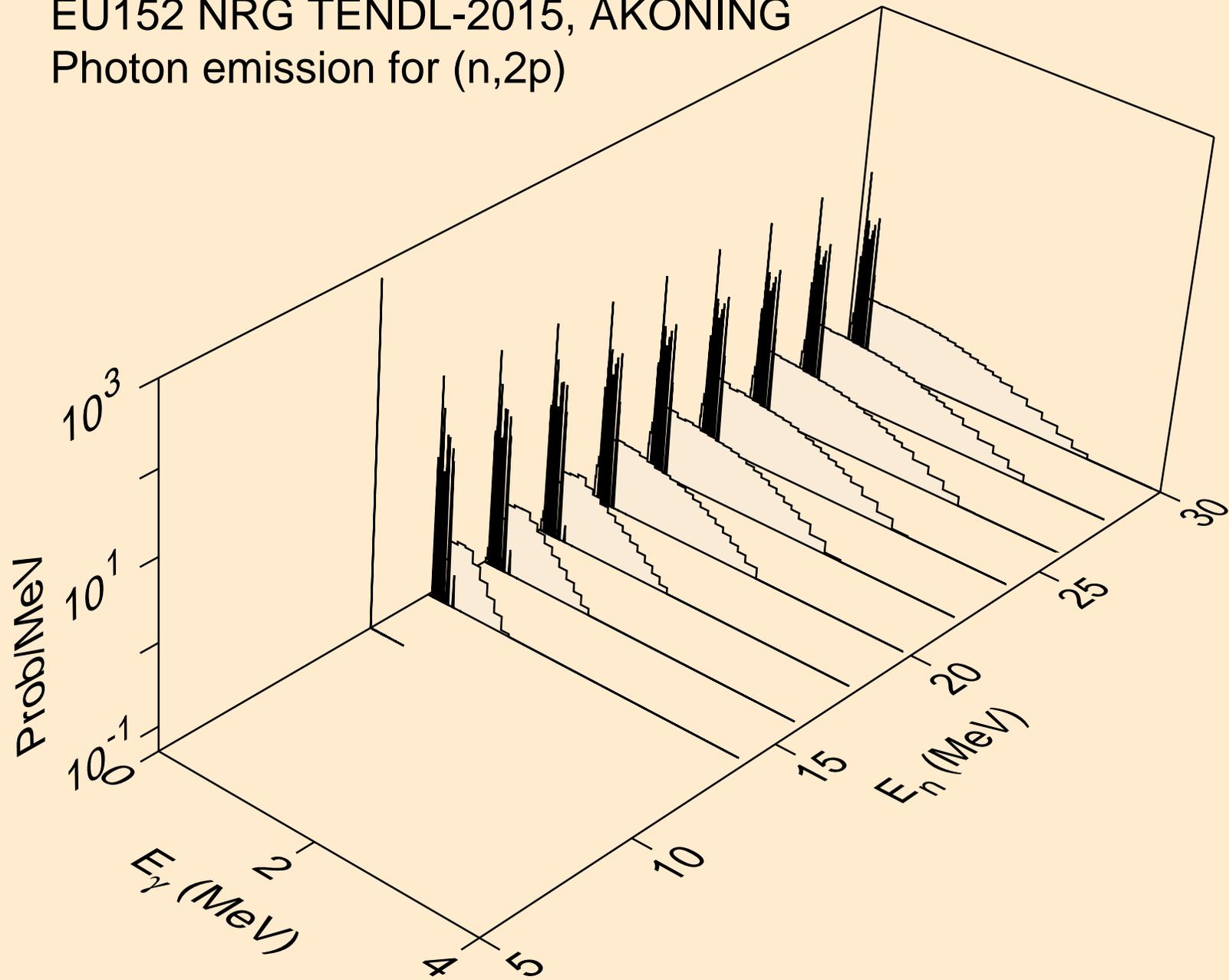
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



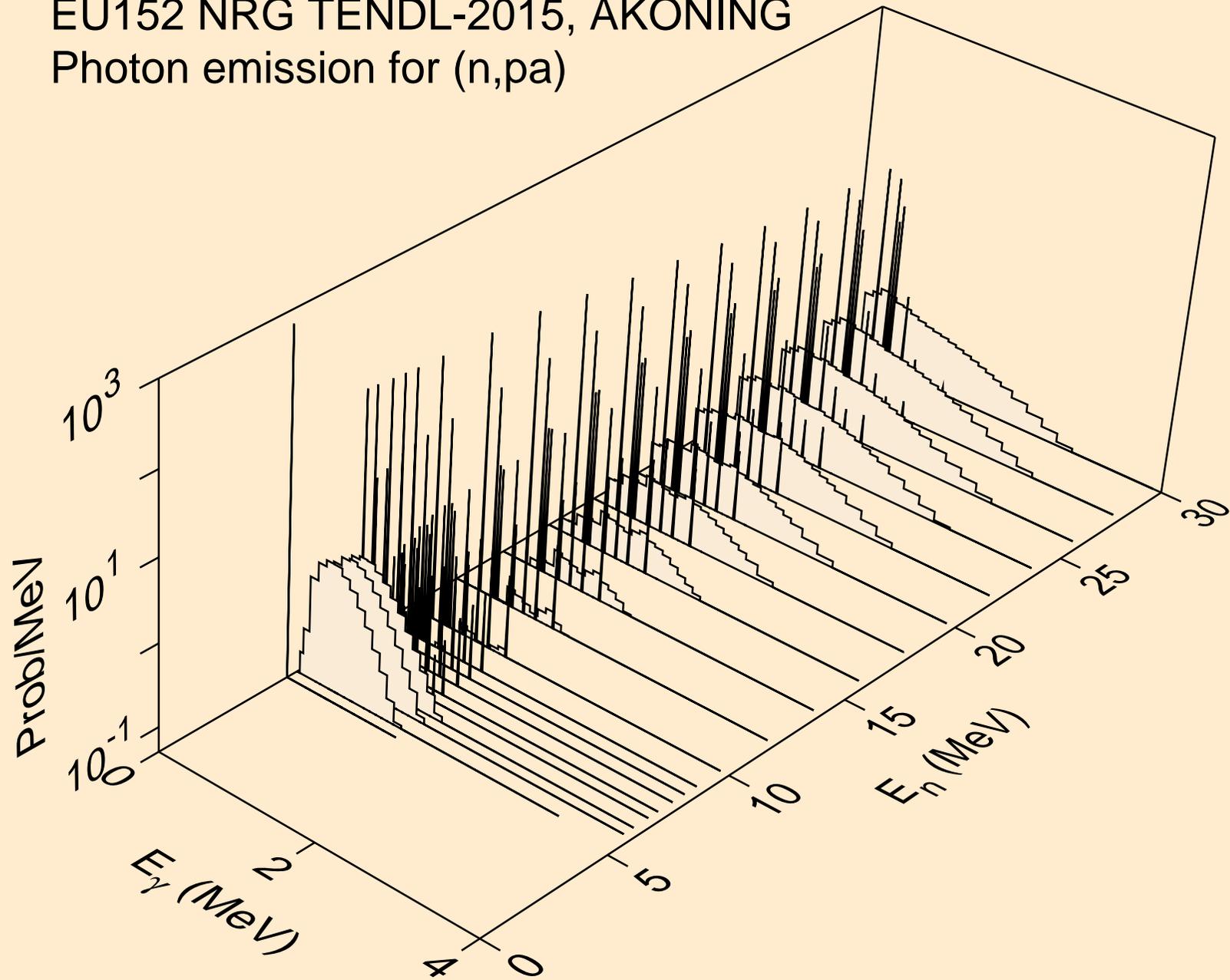
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Photon emission for (n,2a)



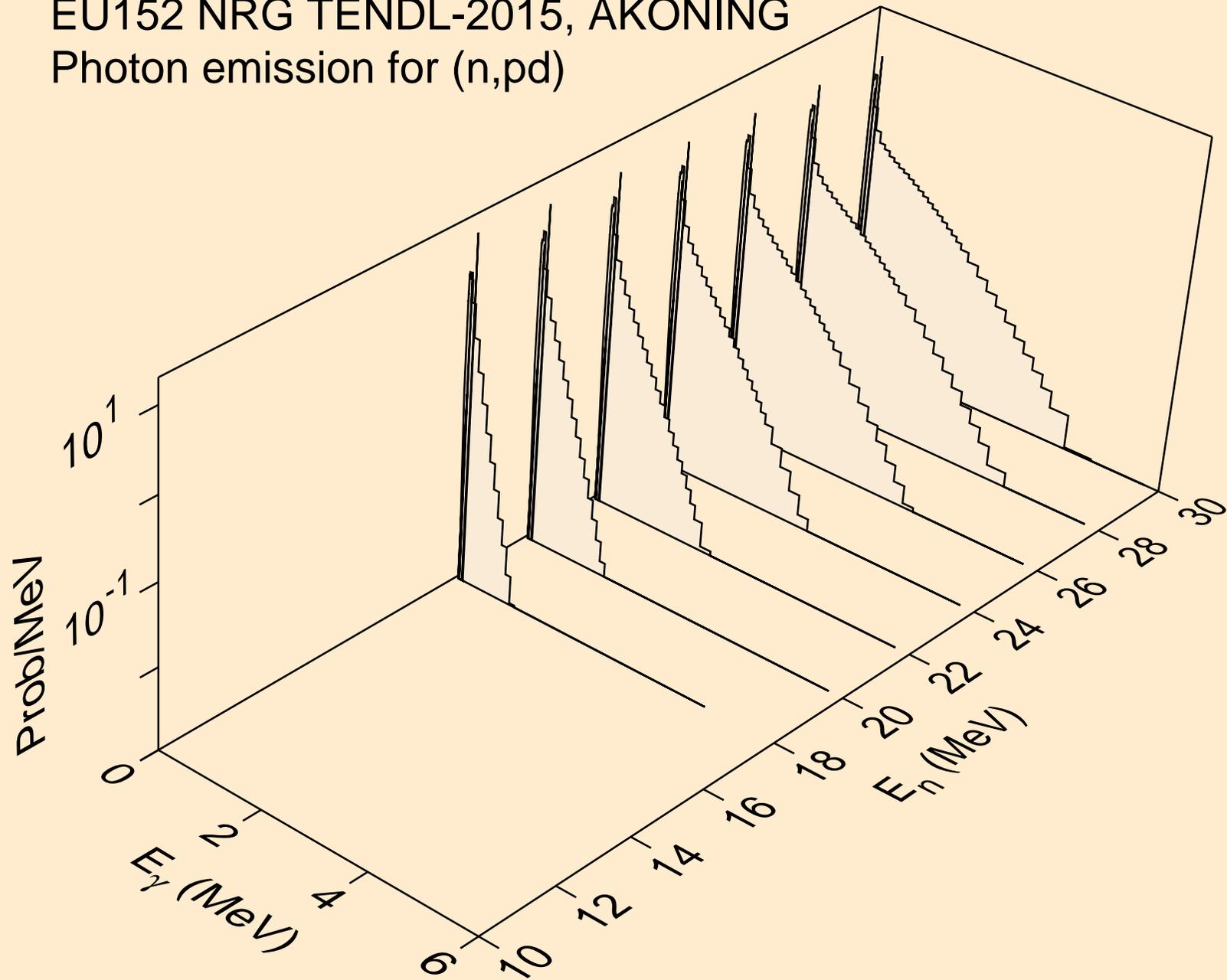
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Photon emission for (n,2p)



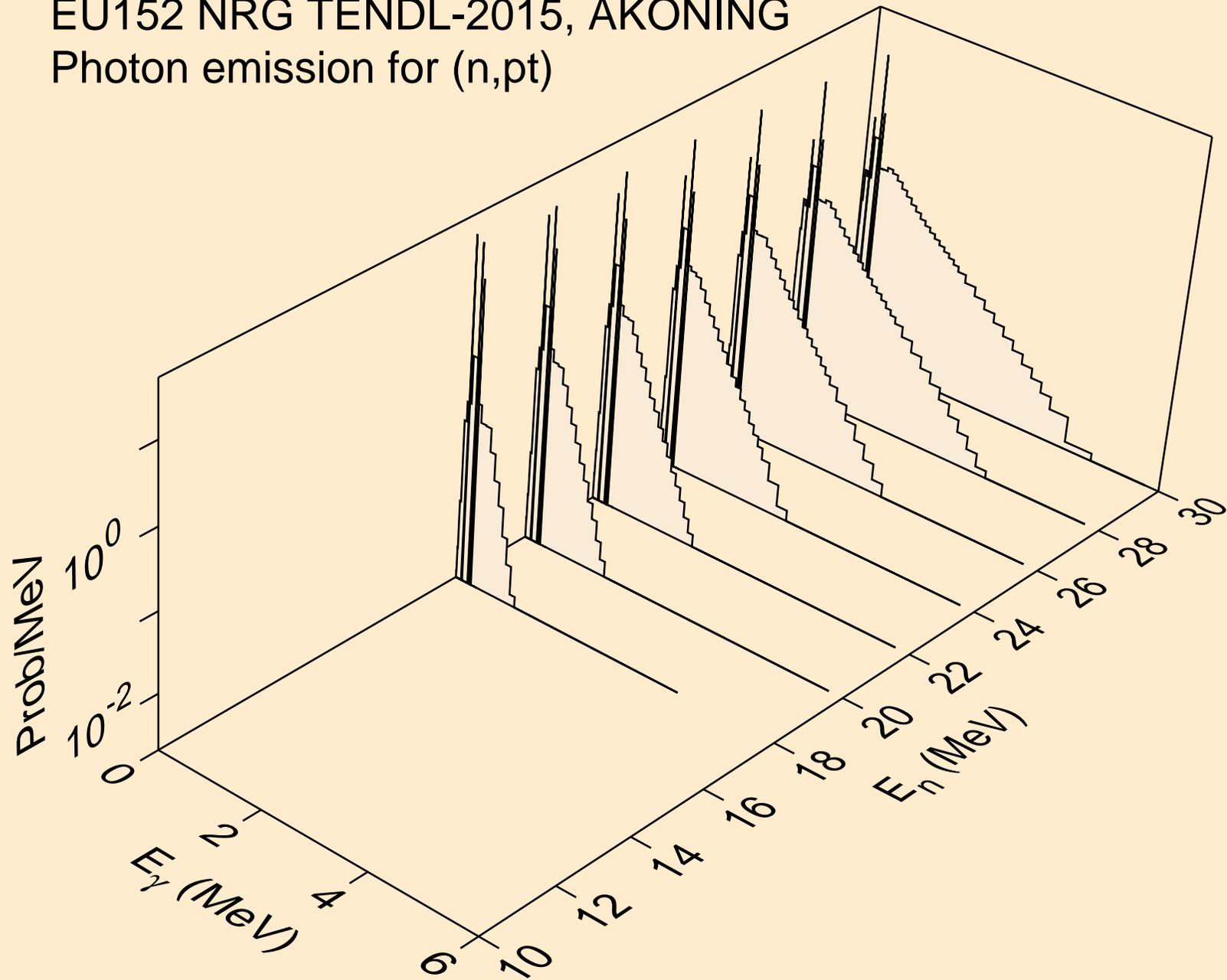
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Photon emission for (n,p $\alpha$ )



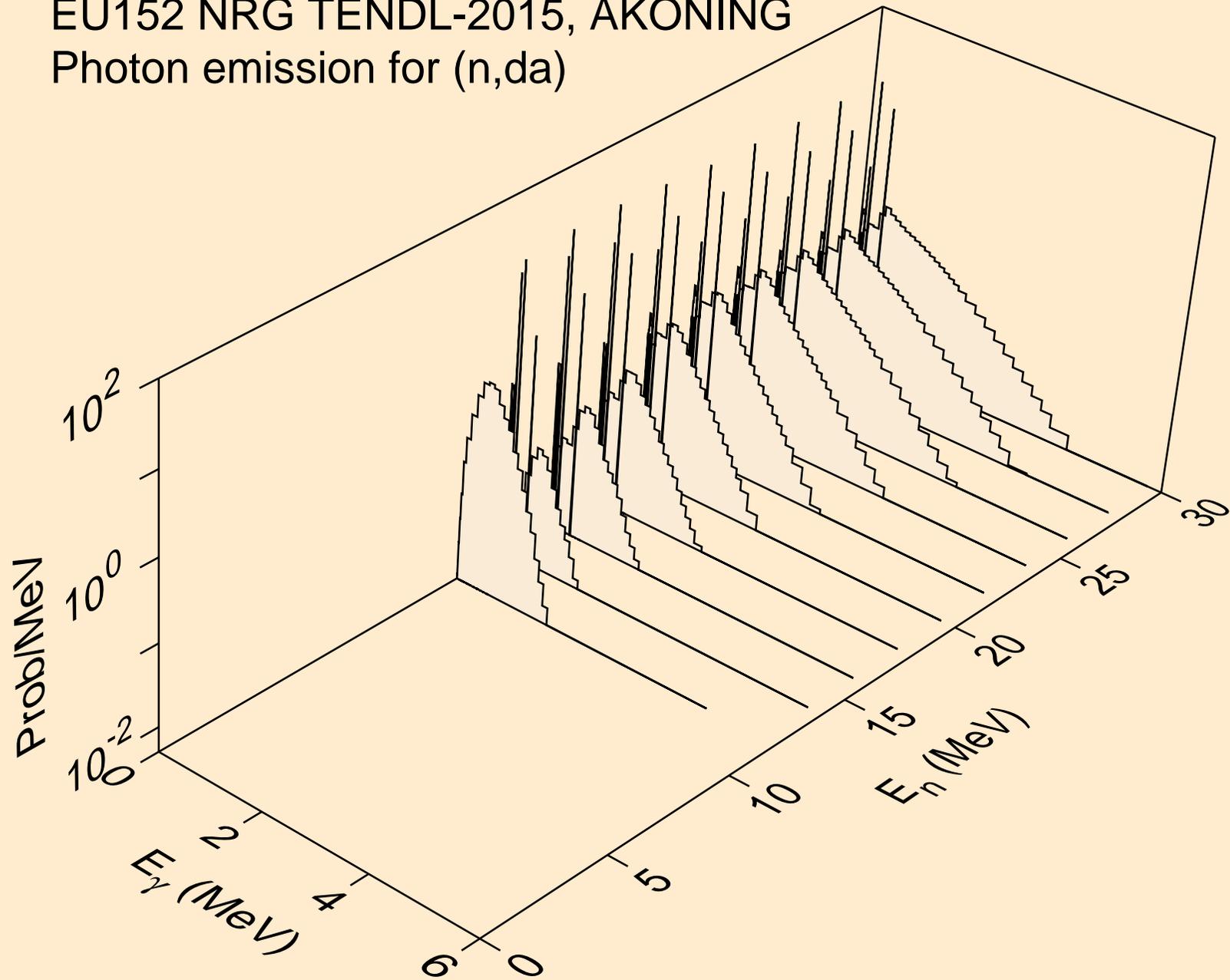
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



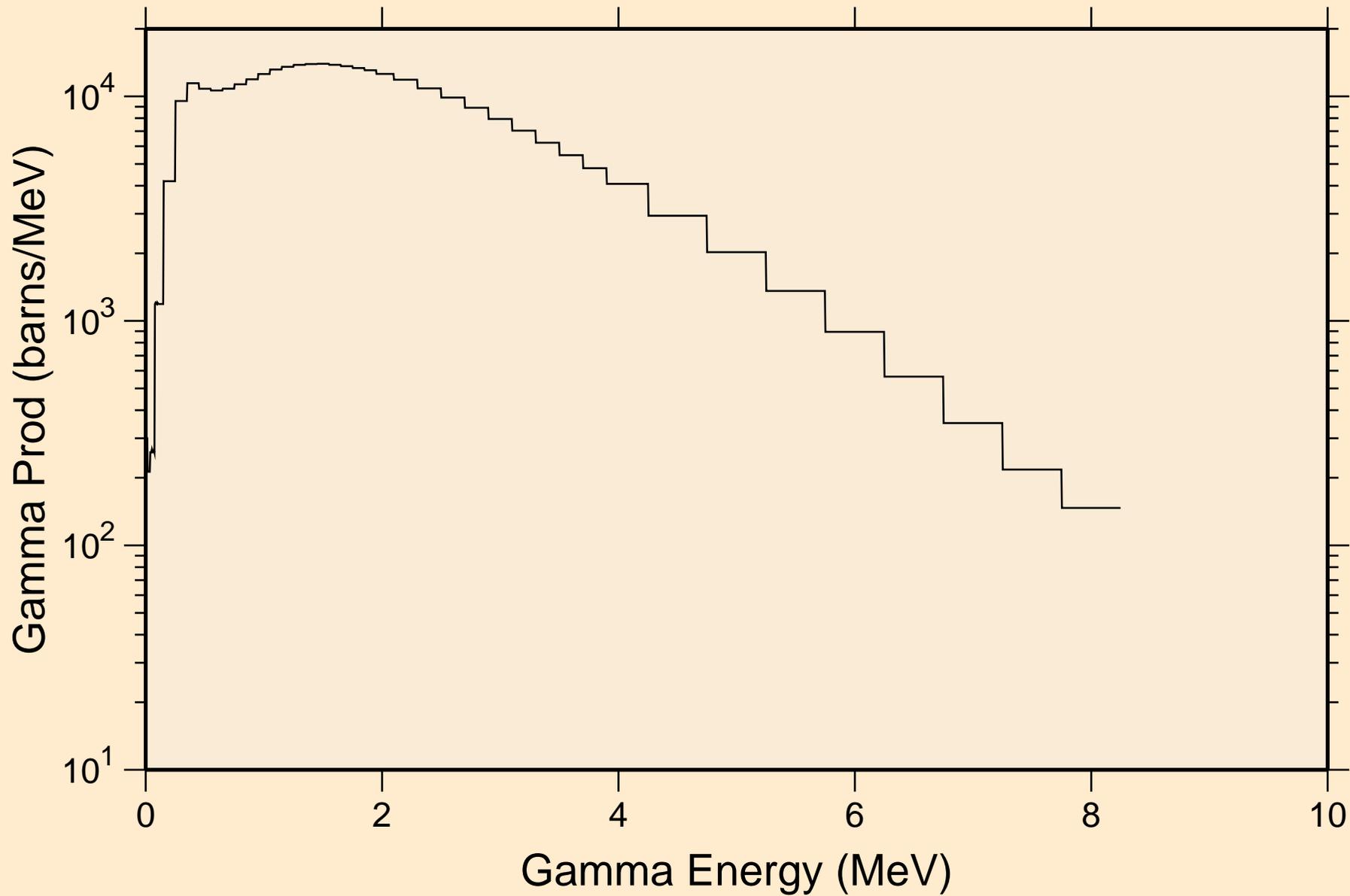
EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



EU152 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

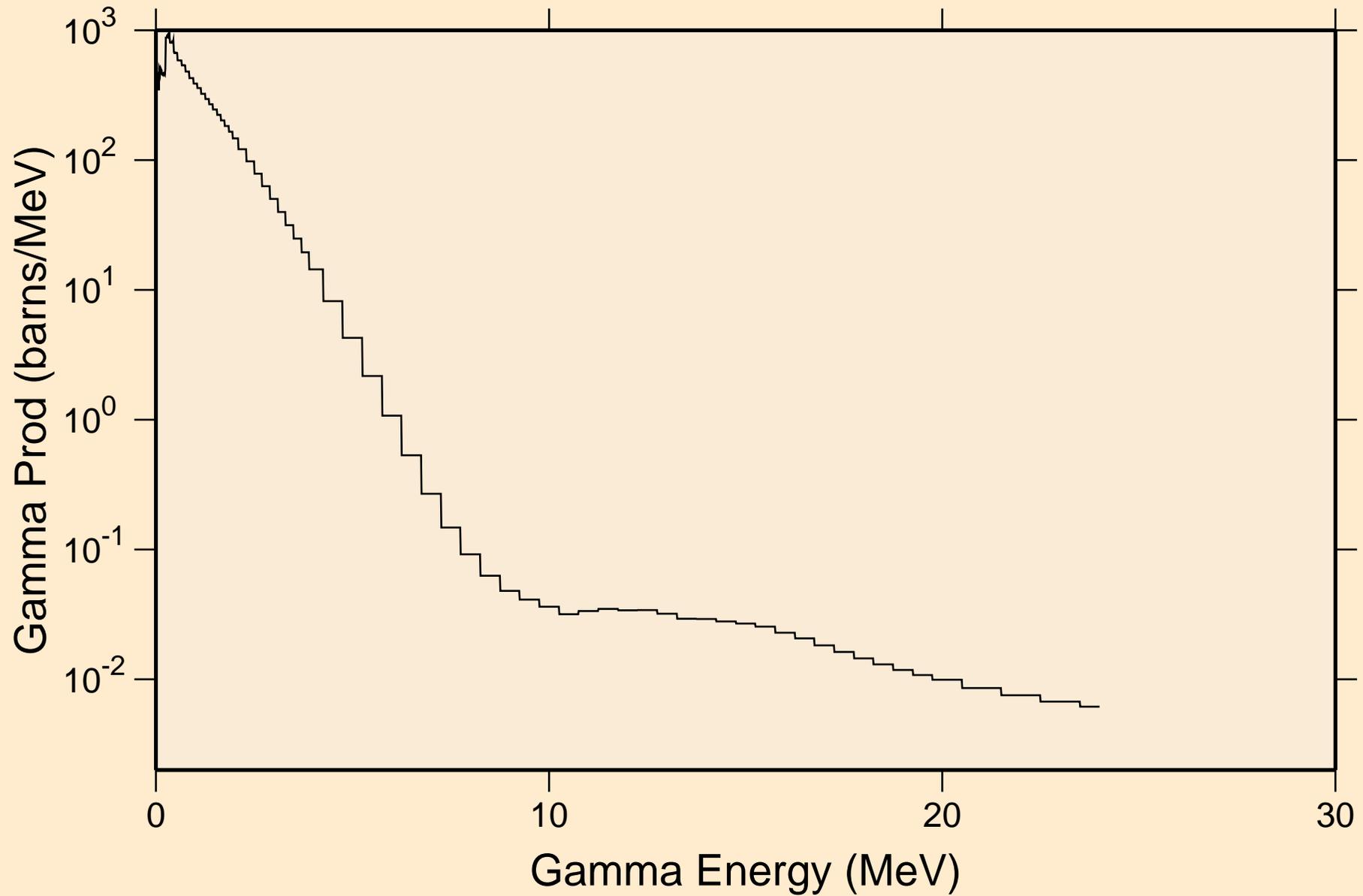


EU152 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



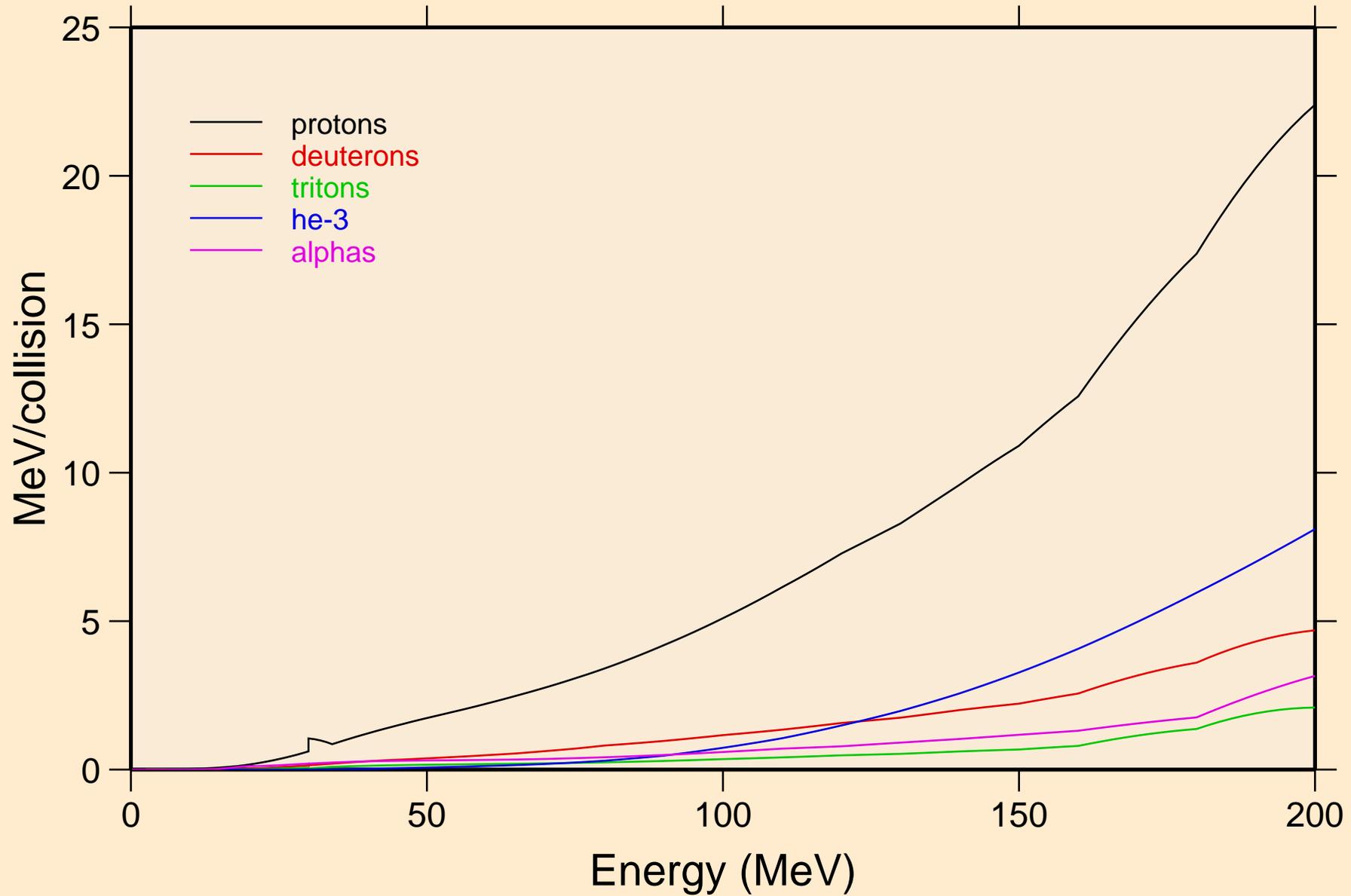
# EU152 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



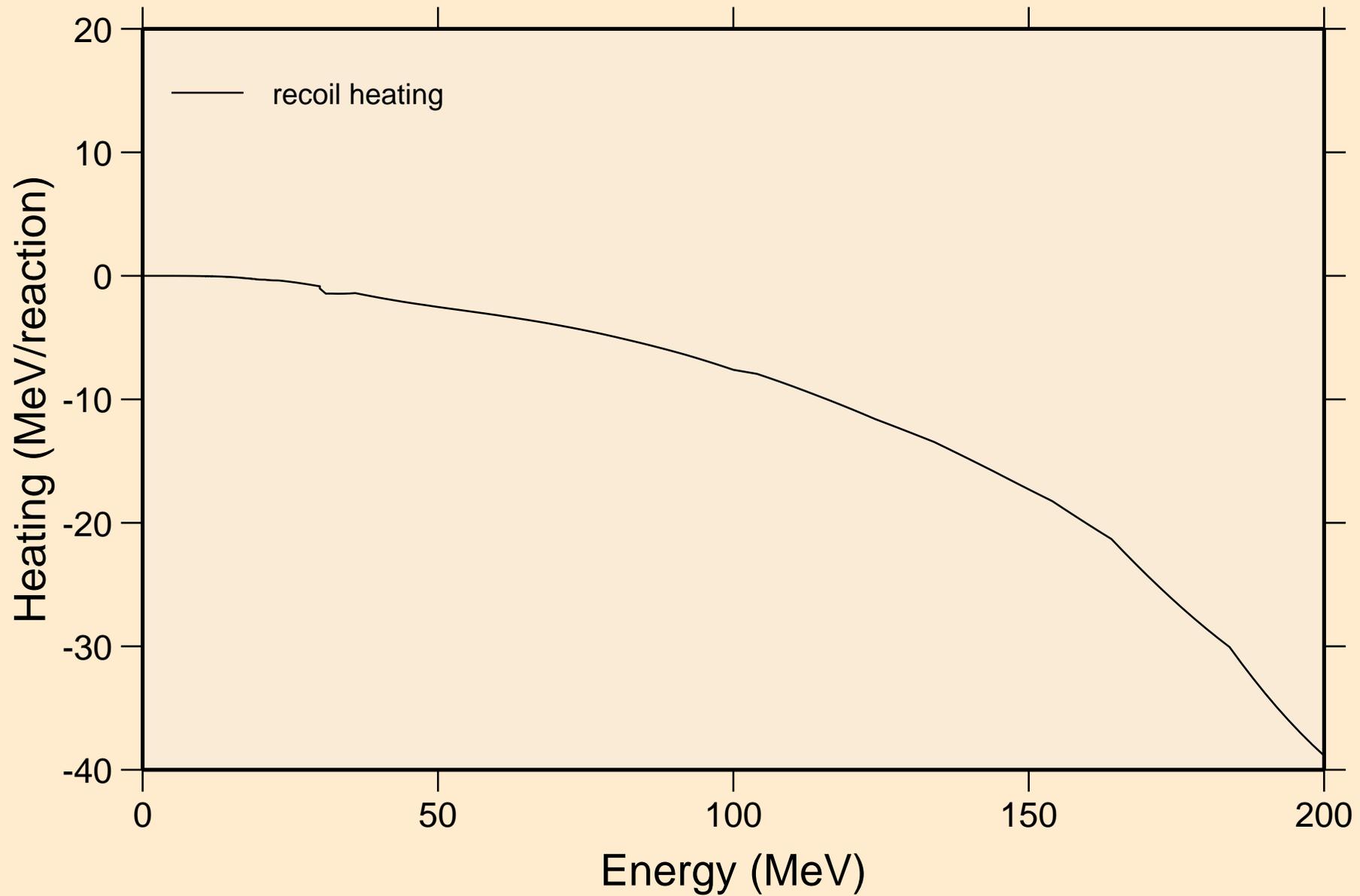
# EU152 NRG TENDL-2015, AKONING

## Particle heating contributions



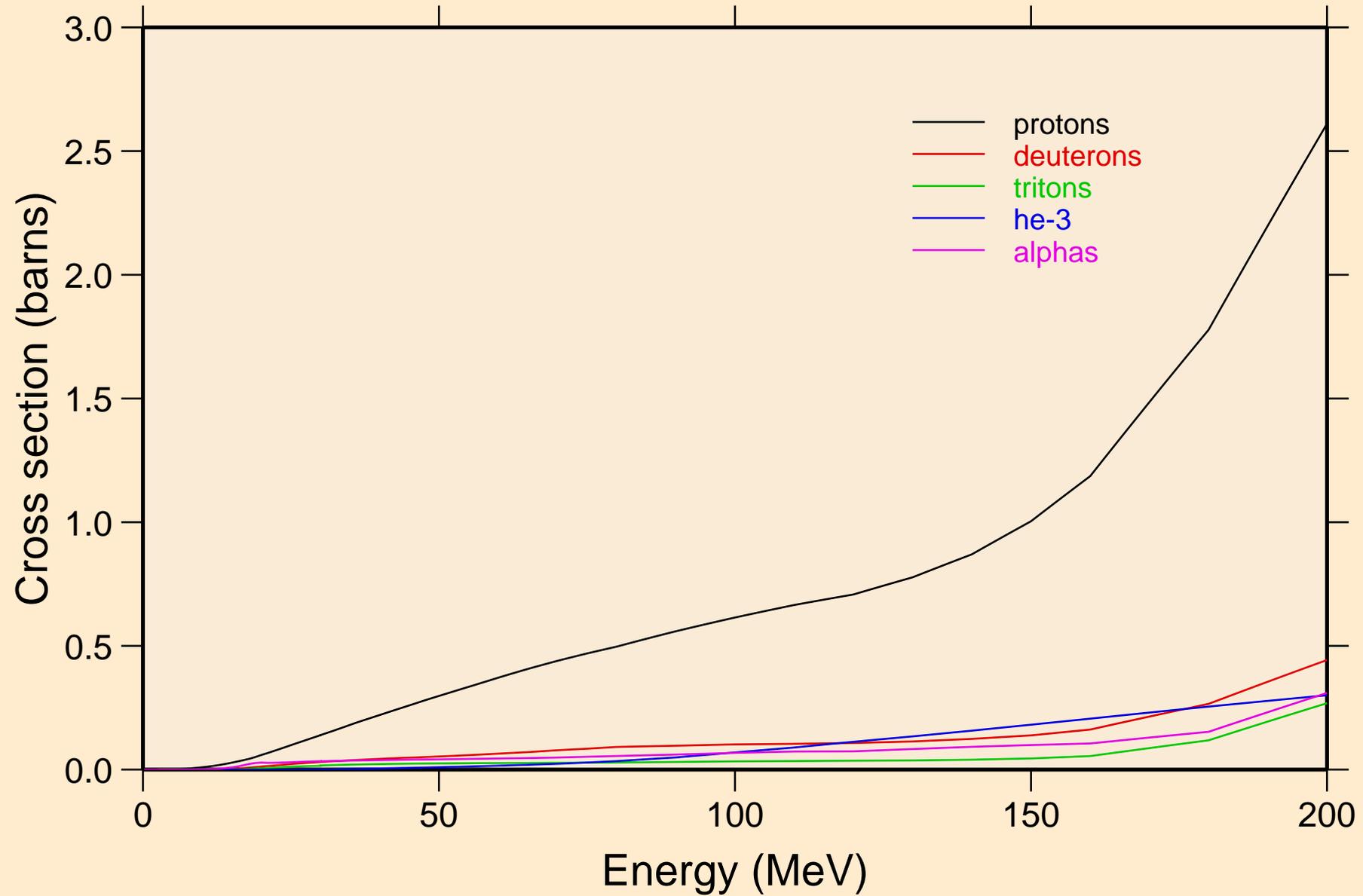
# EU152 NRG TENDL-2015, AKONING

## Recoil Heating

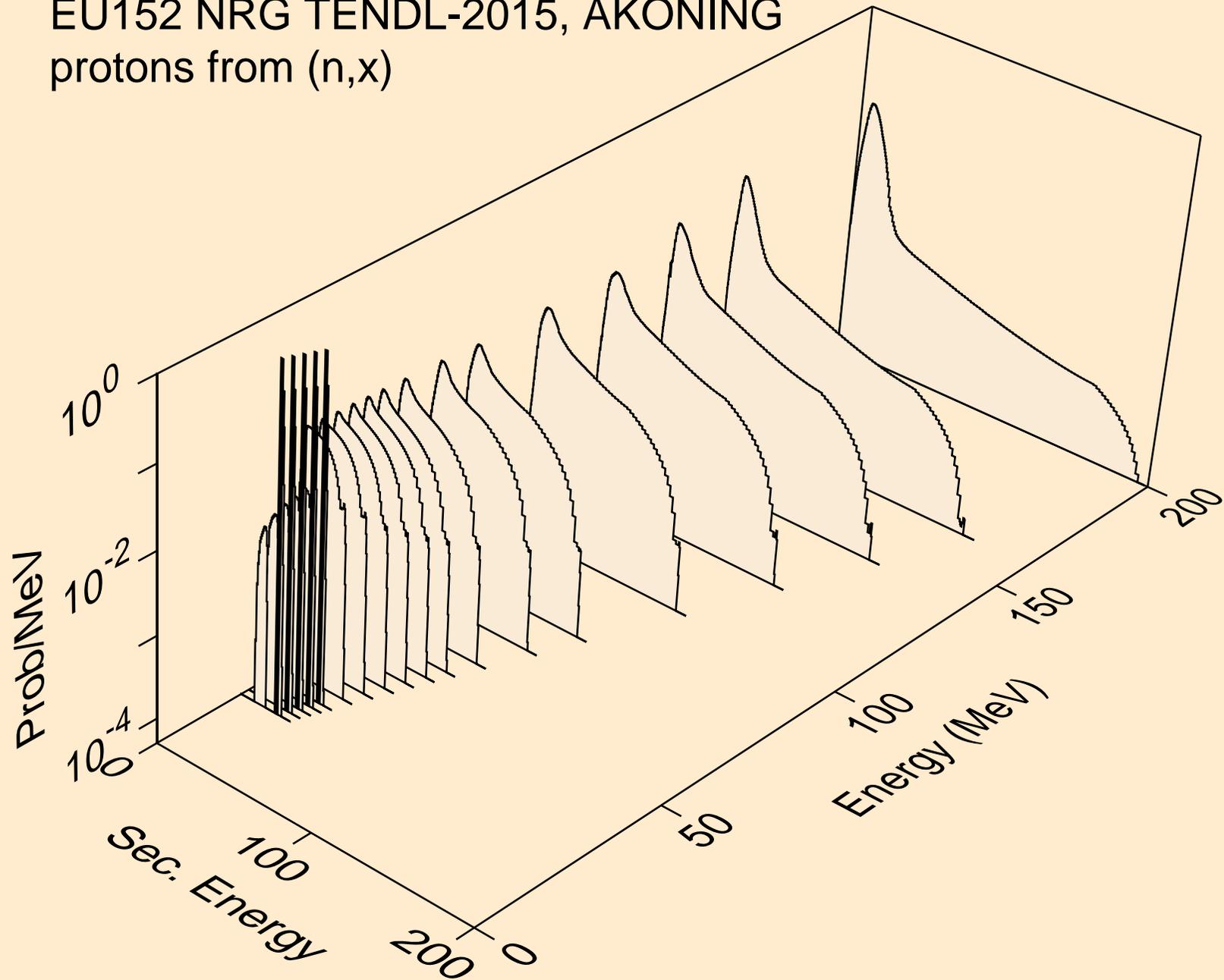


# EU152 NRG TENDL-2015, AKONING

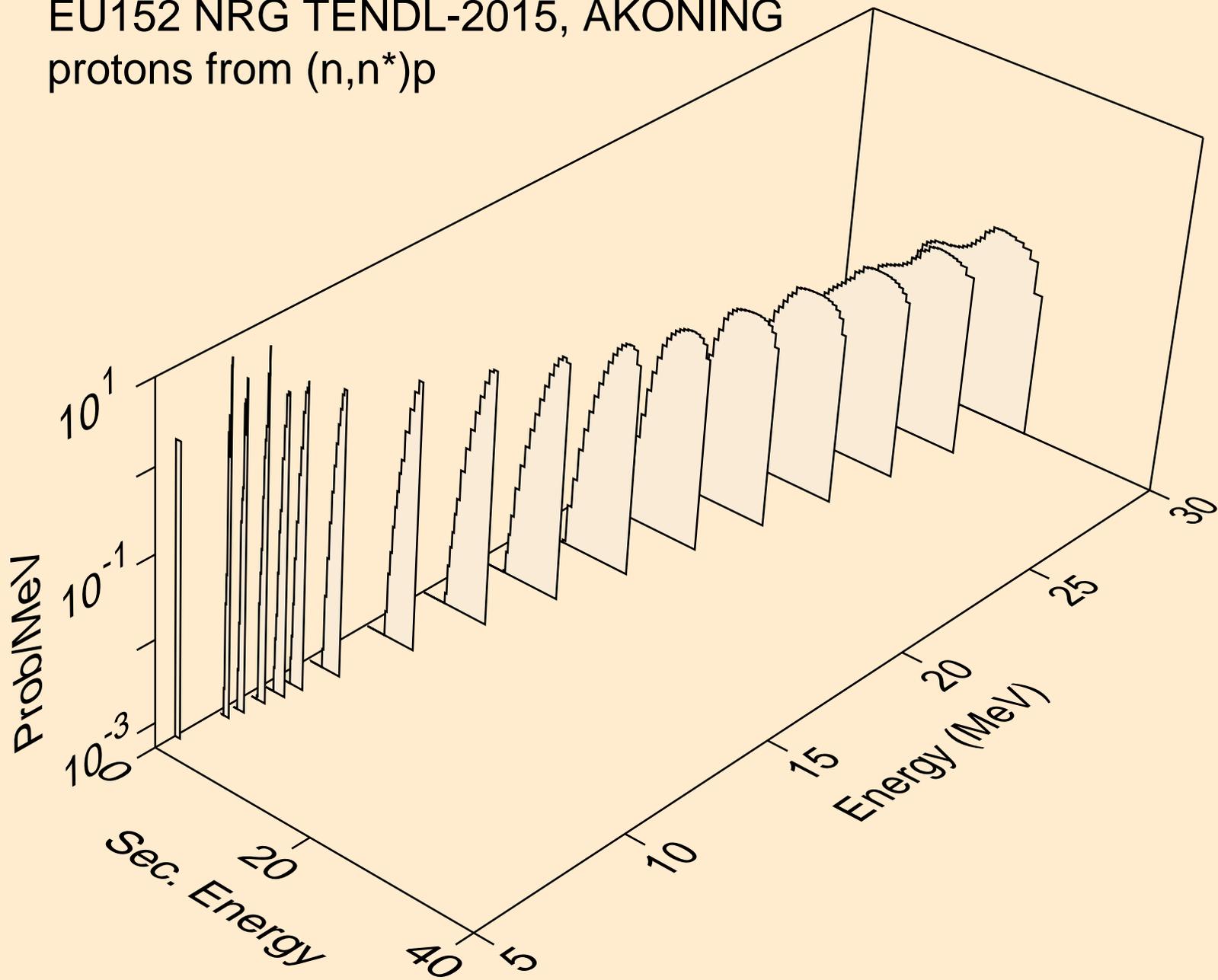
## Particle production cross sections



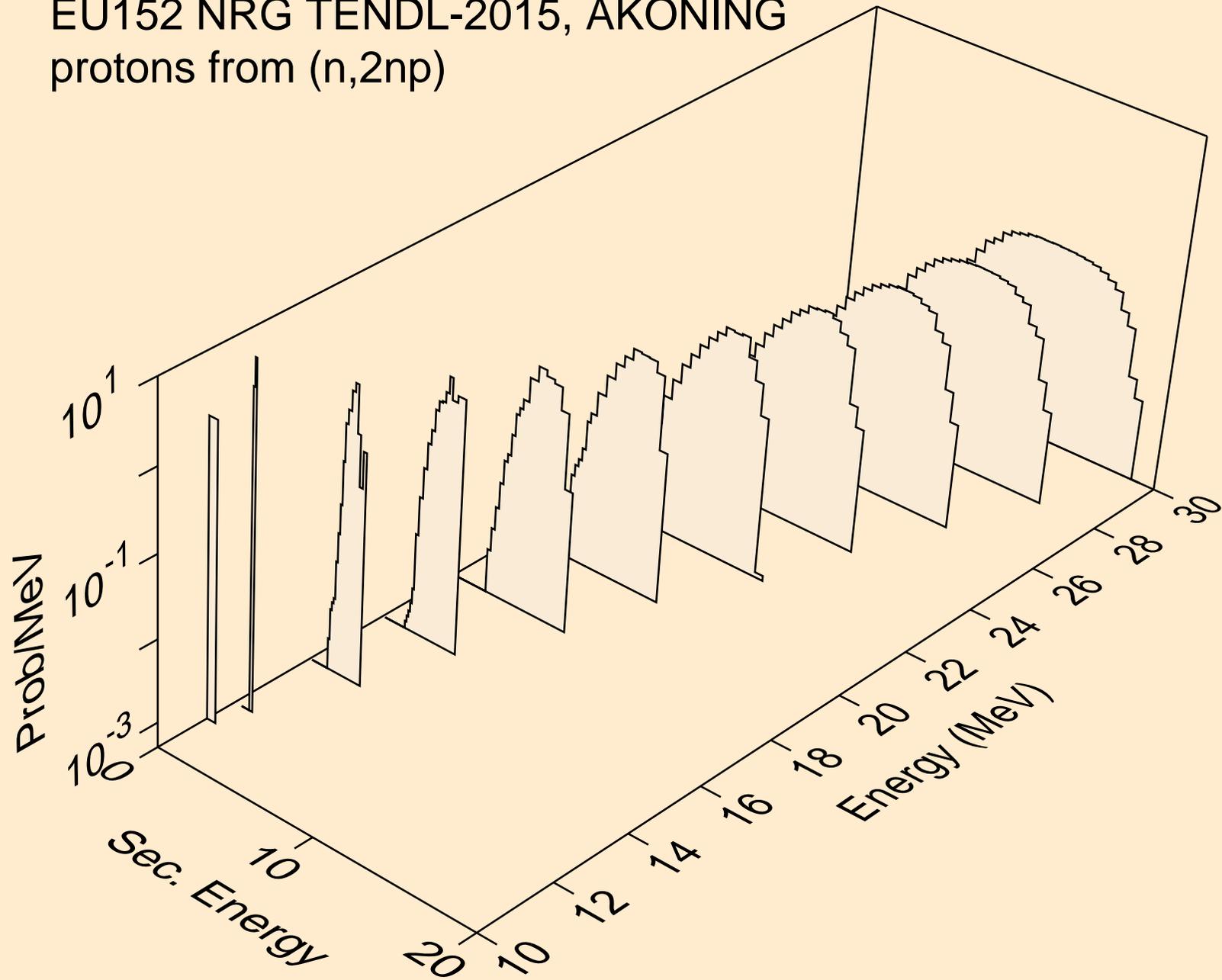
EU152 NRG TENDL-2015, AKONING  
protons from (n,x)



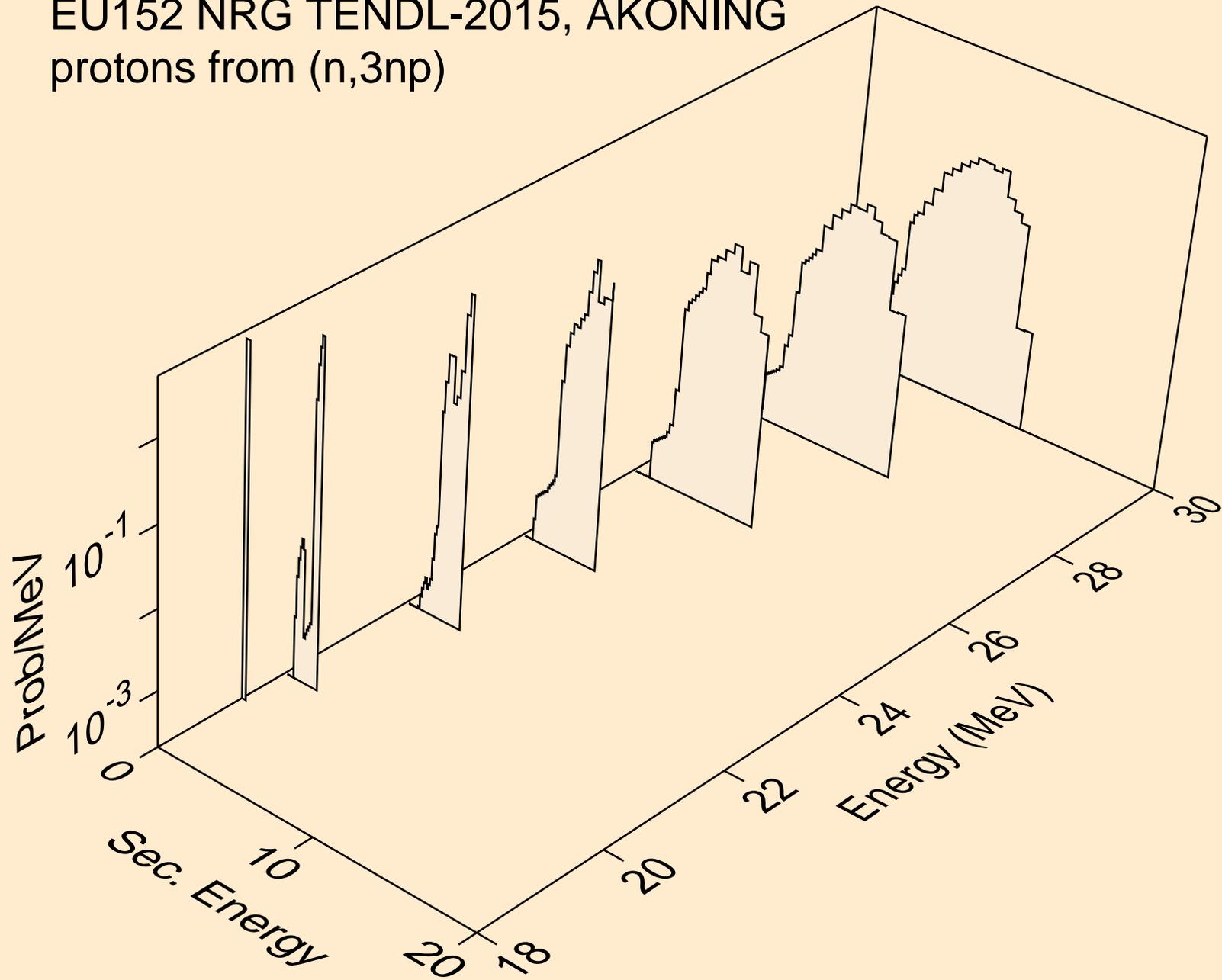
EU152 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



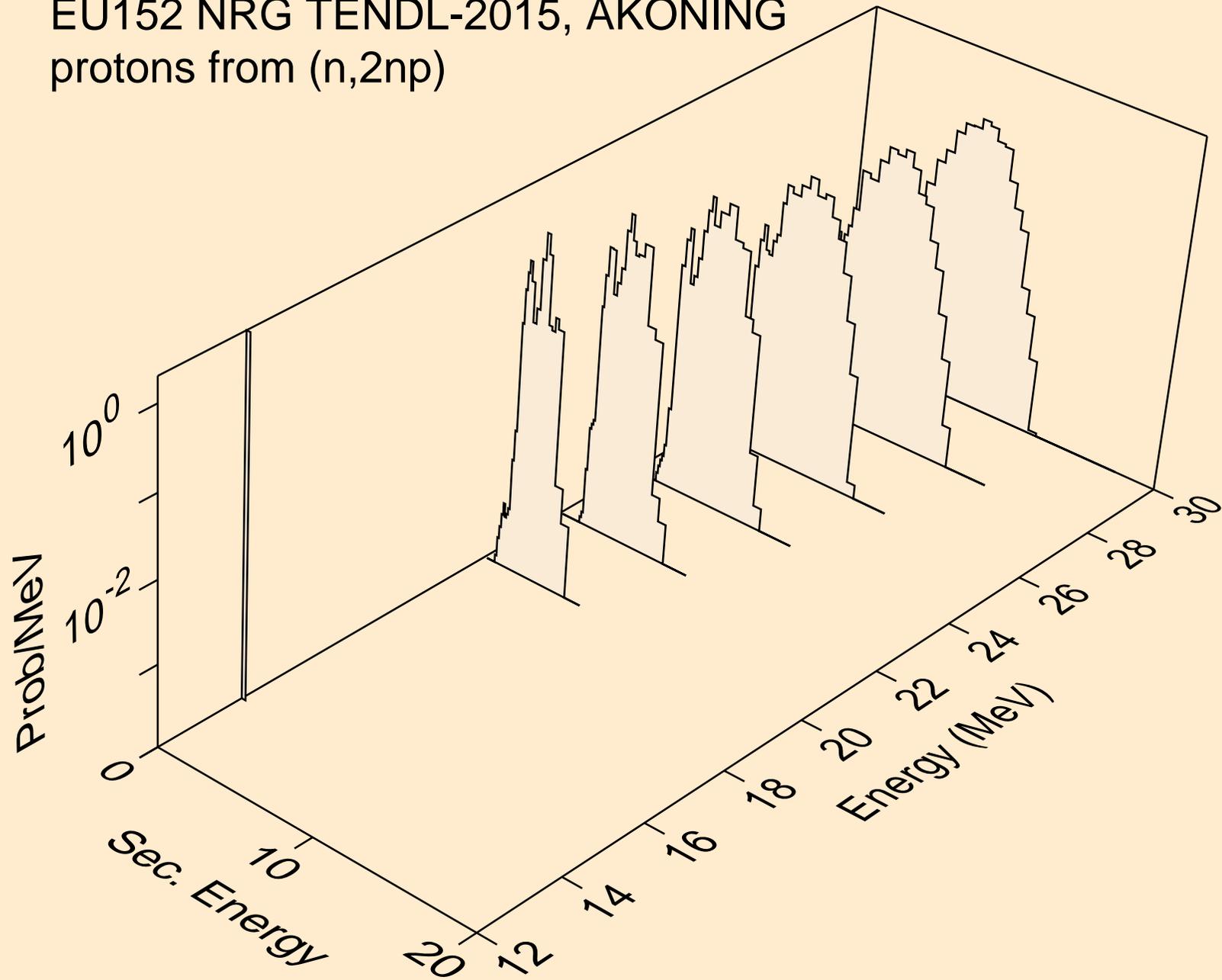
EU152 NRG TENDL-2015, AKONING  
protons from (n,2np)



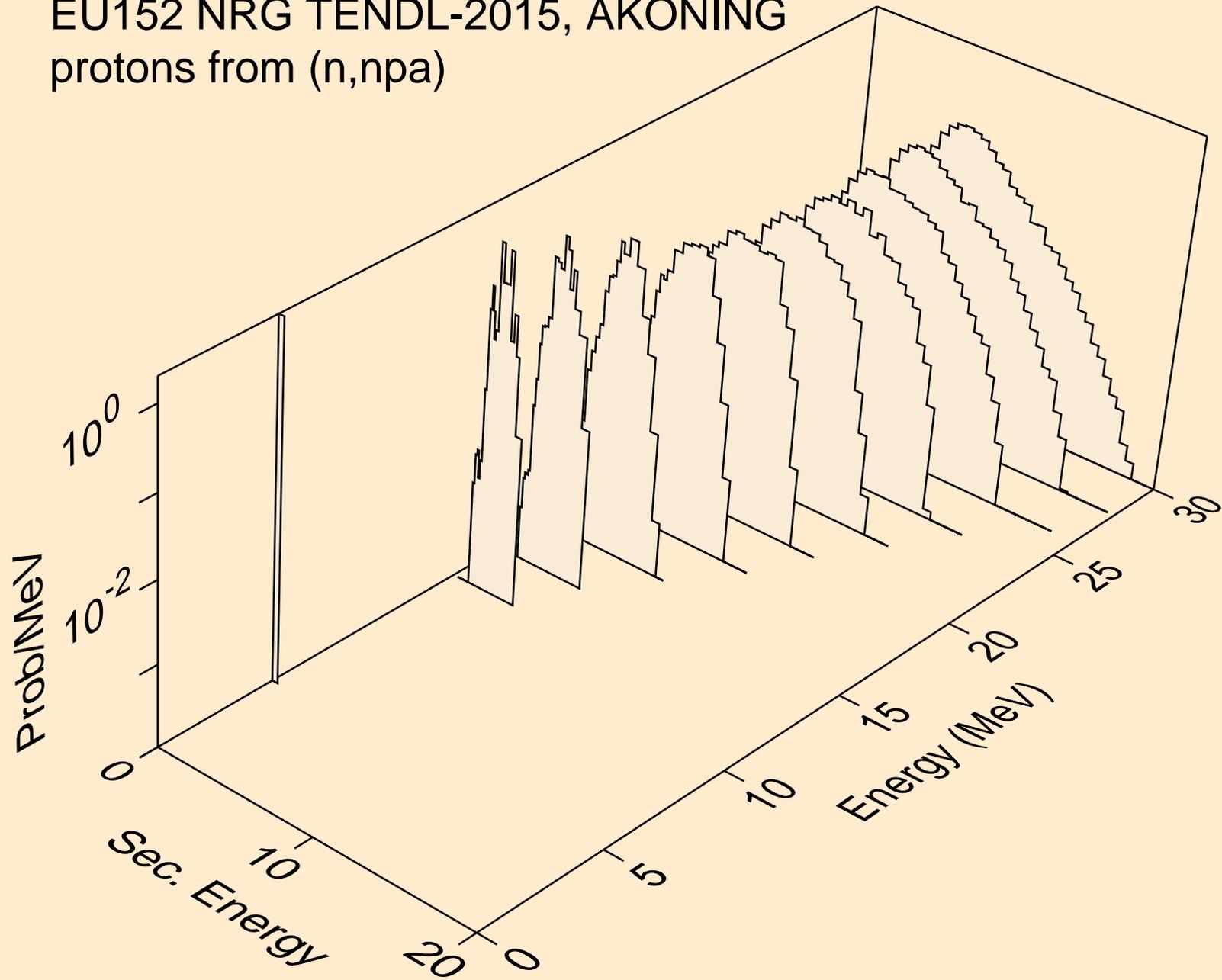
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protons from (n,3np)



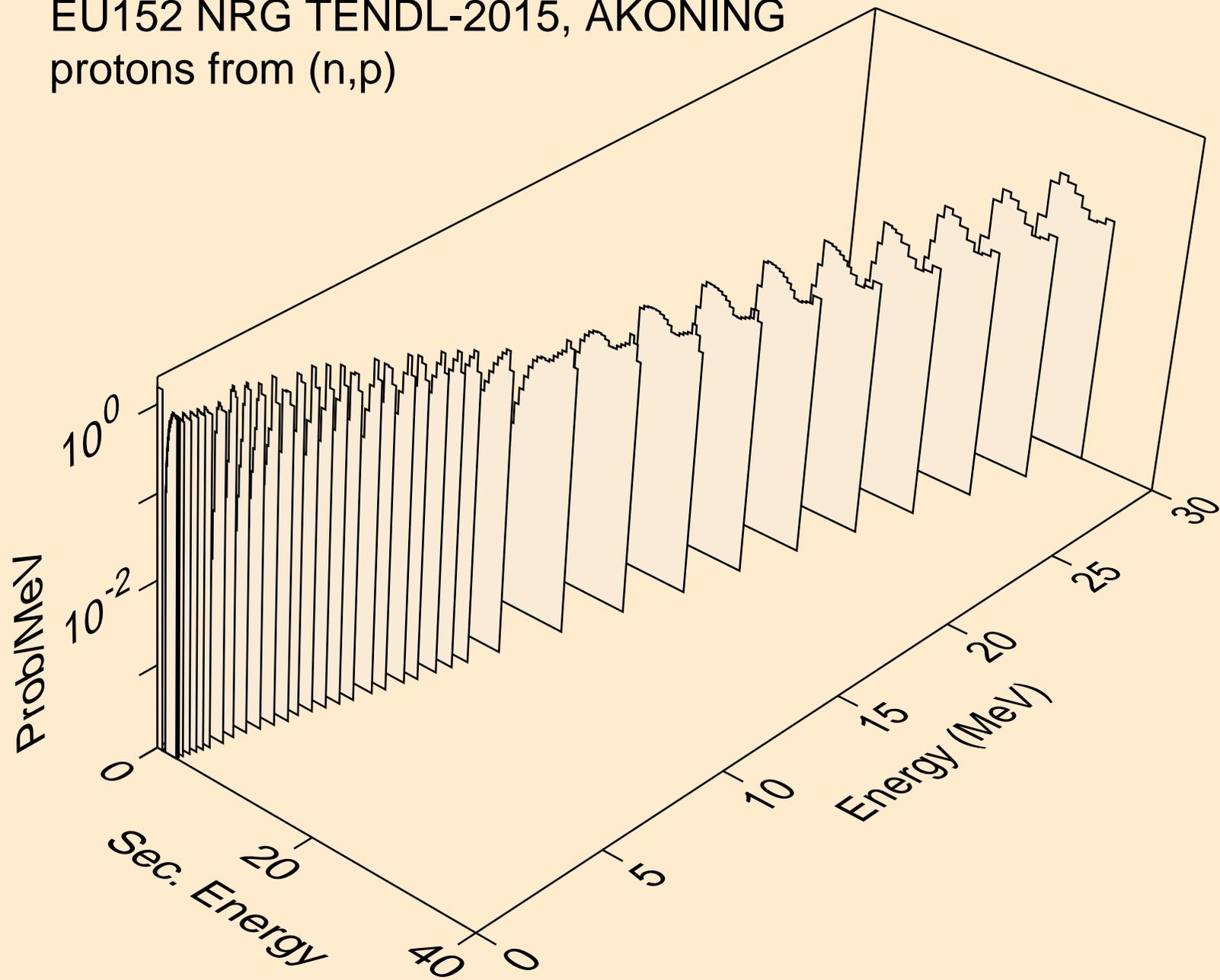
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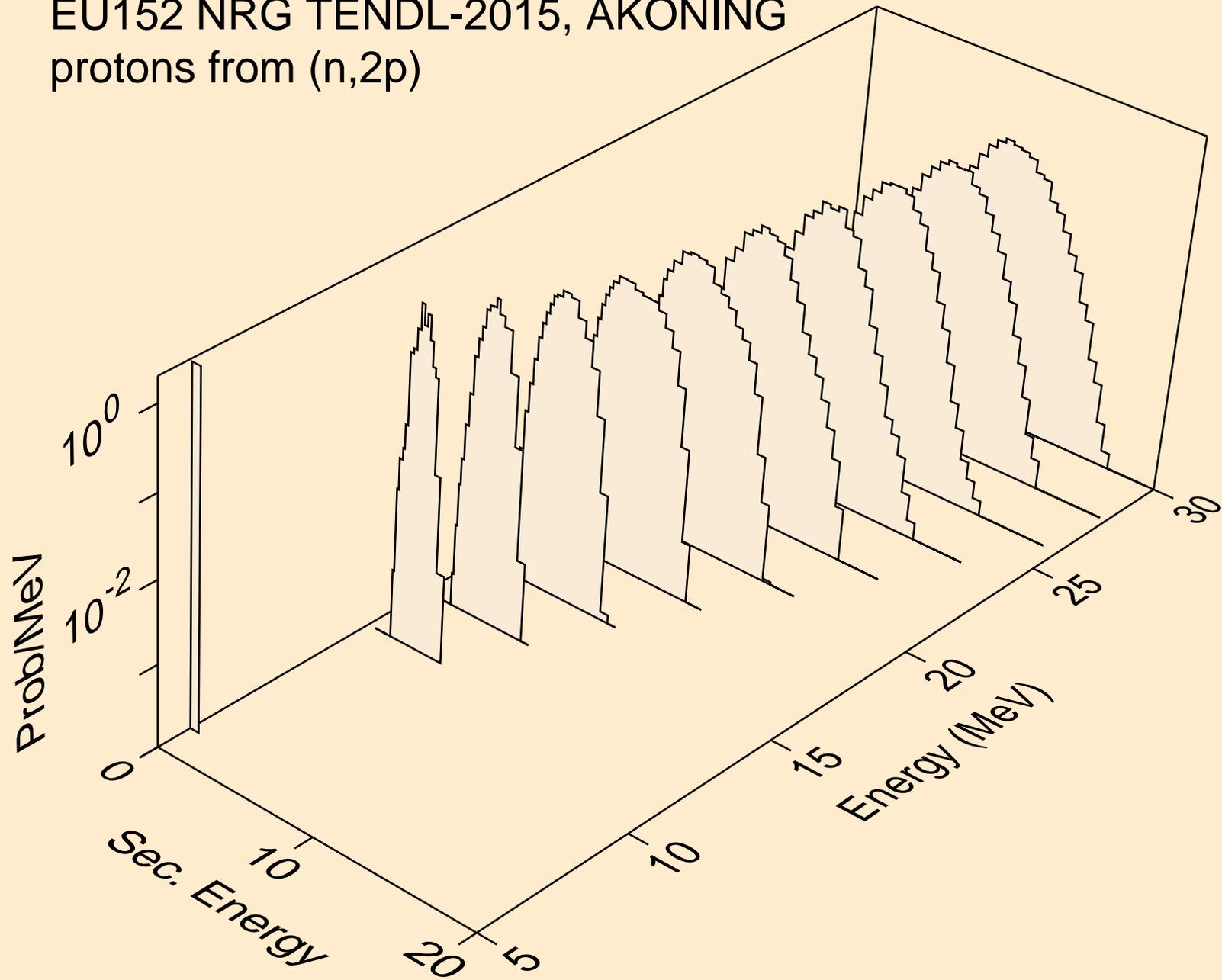
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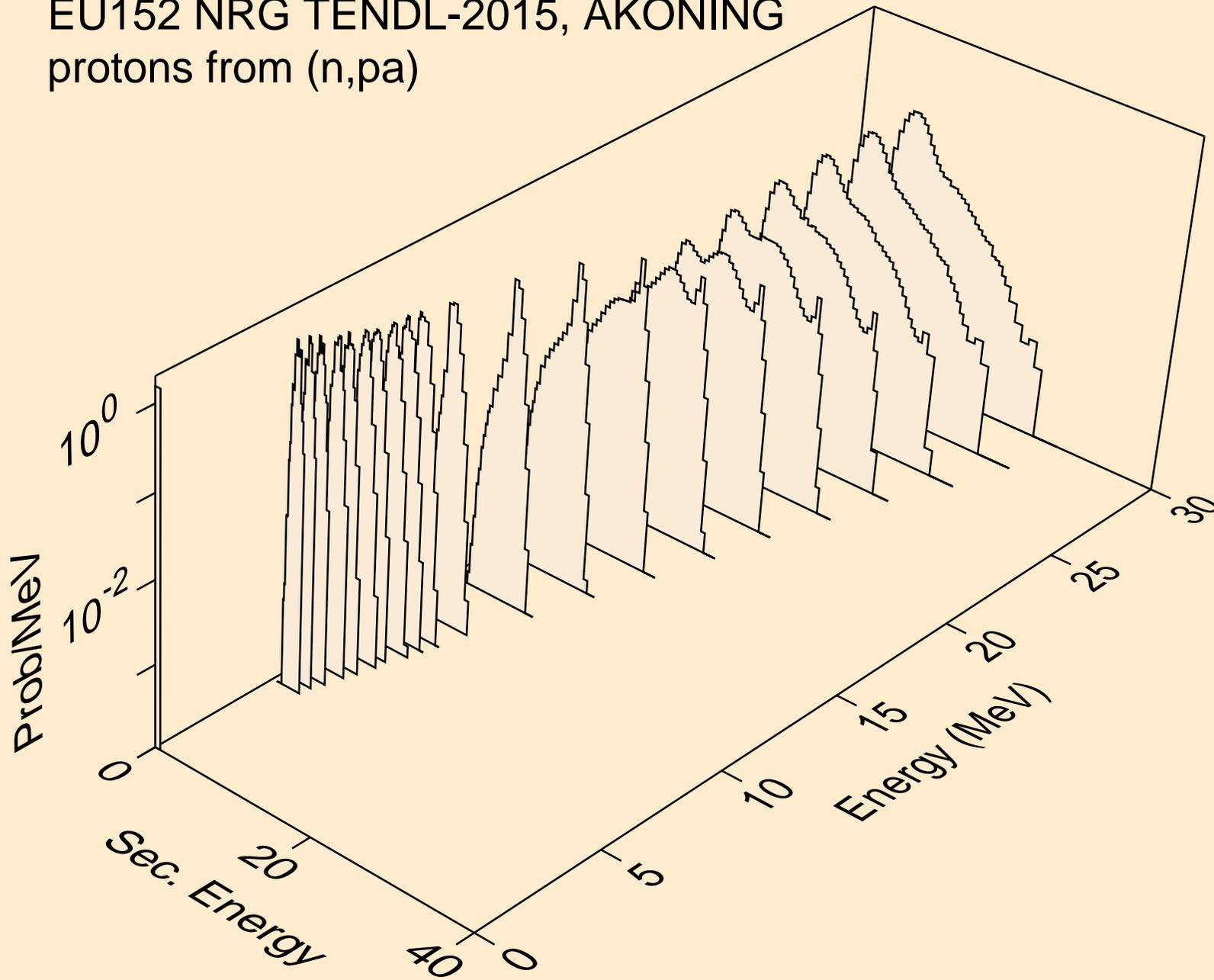
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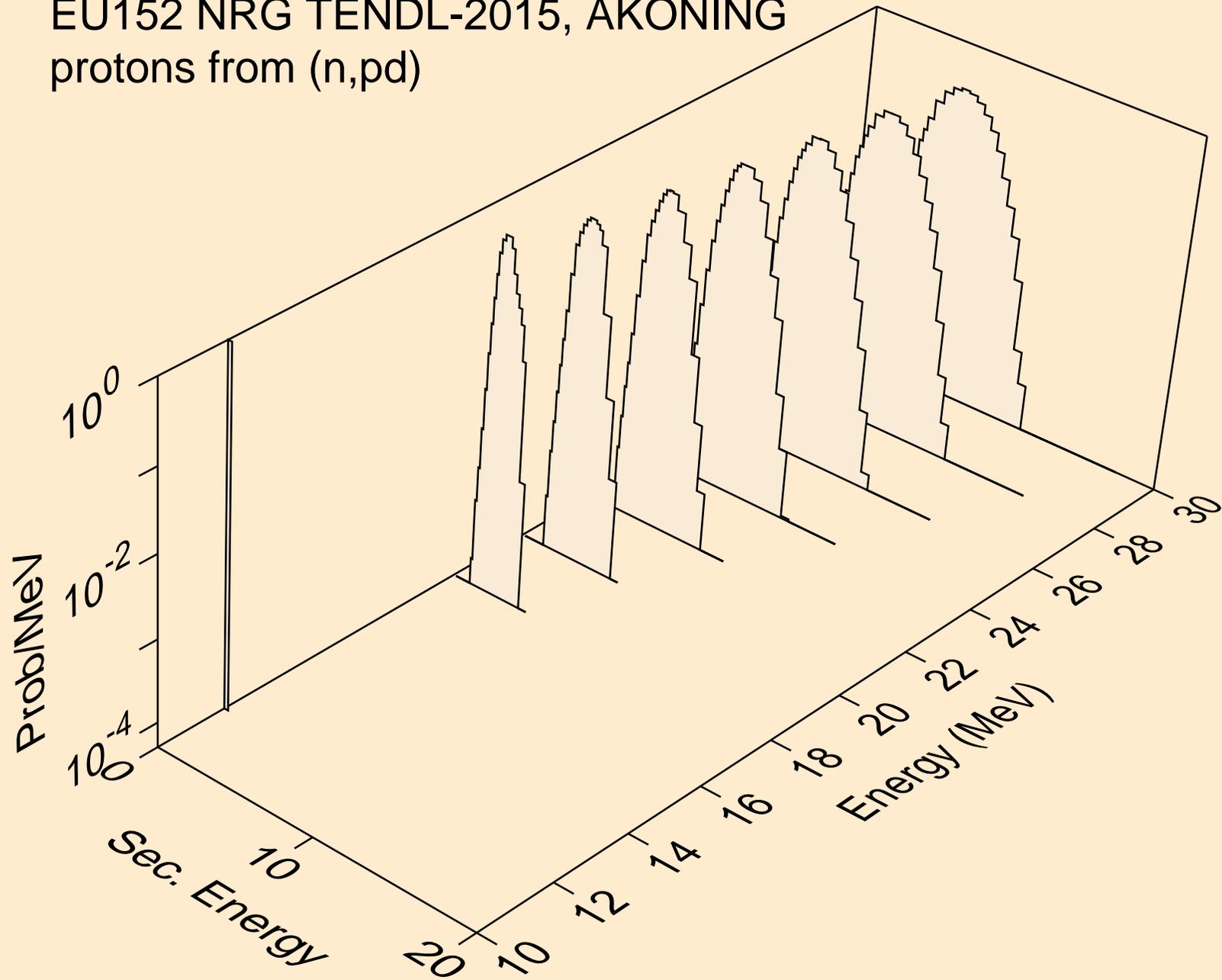
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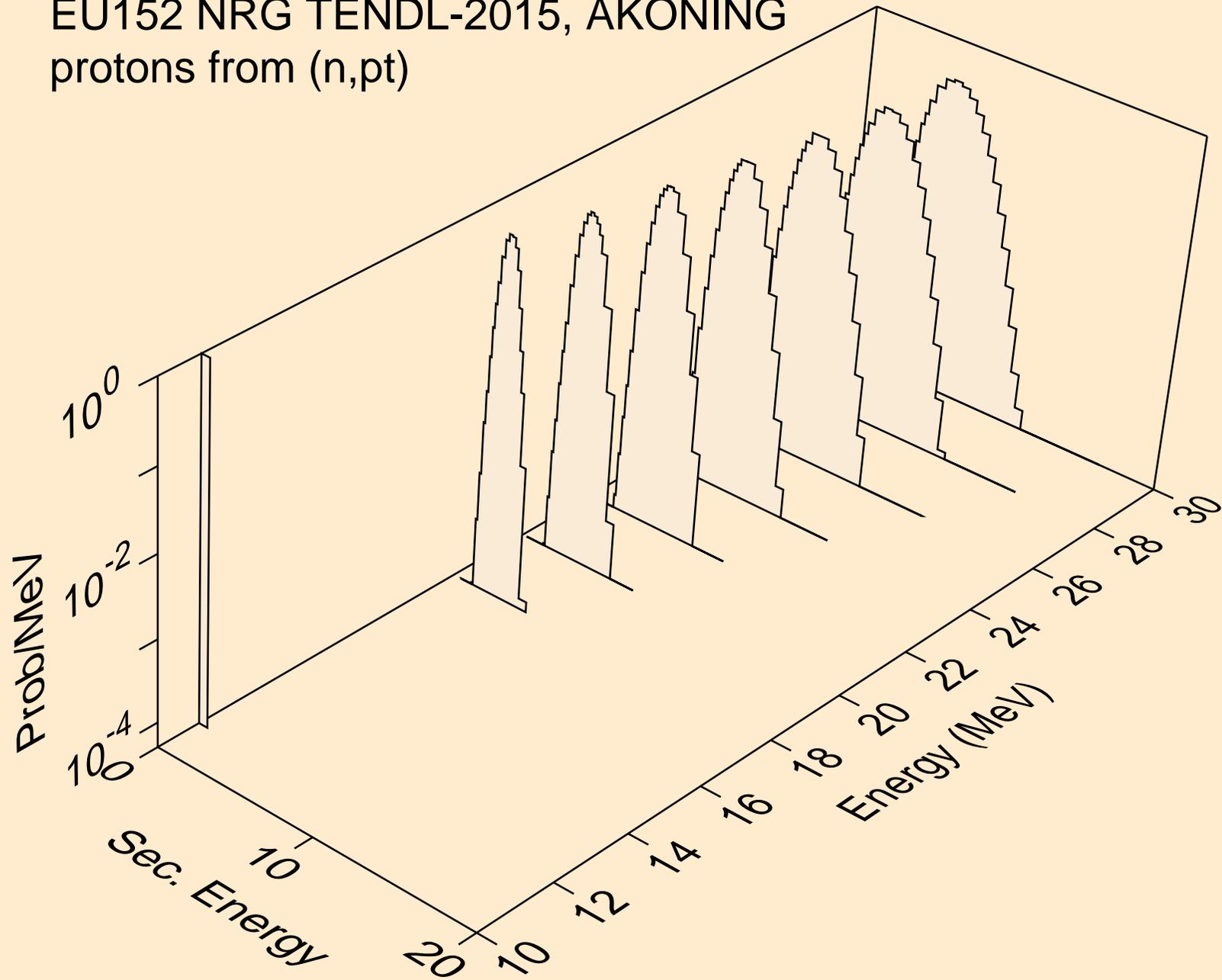
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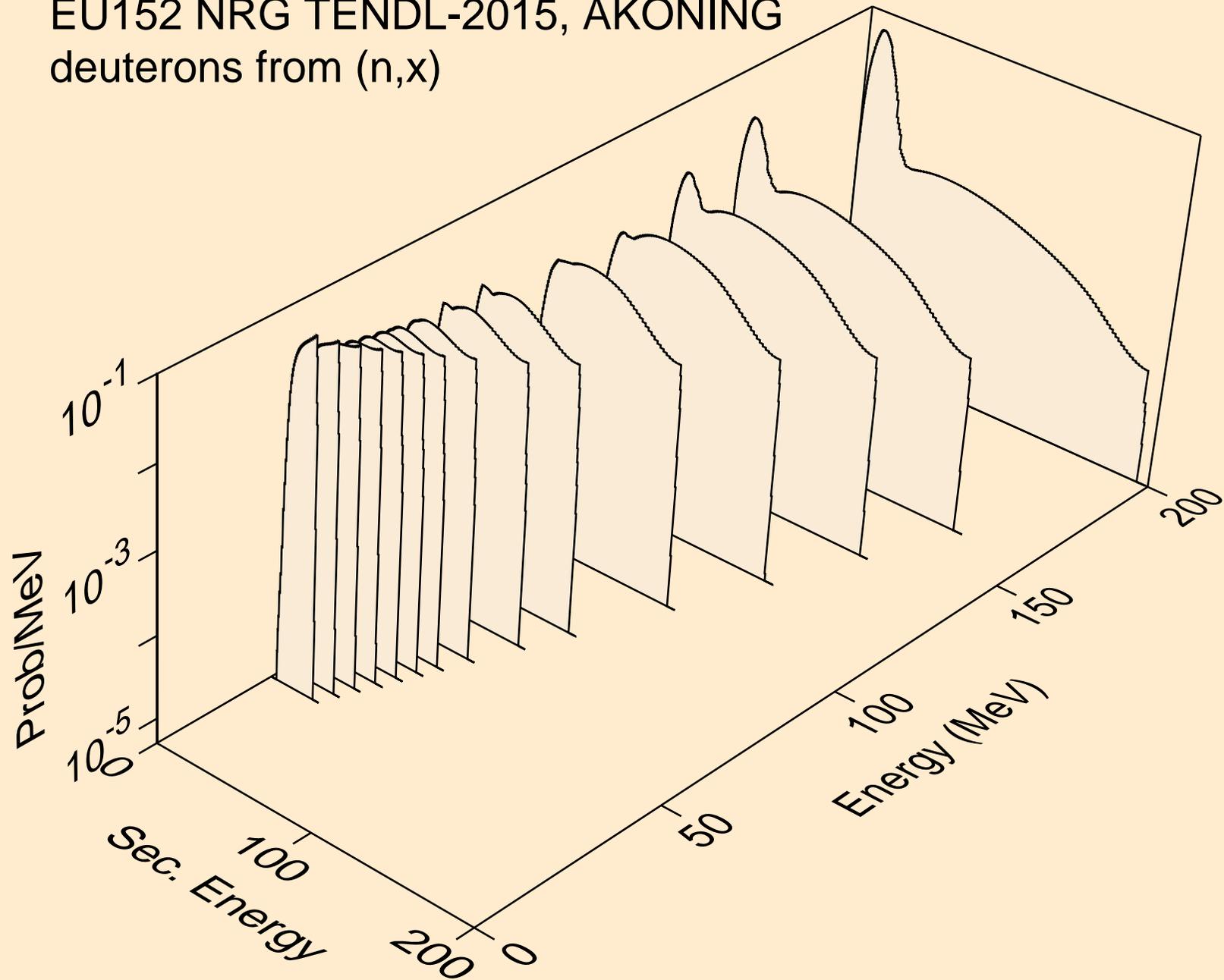
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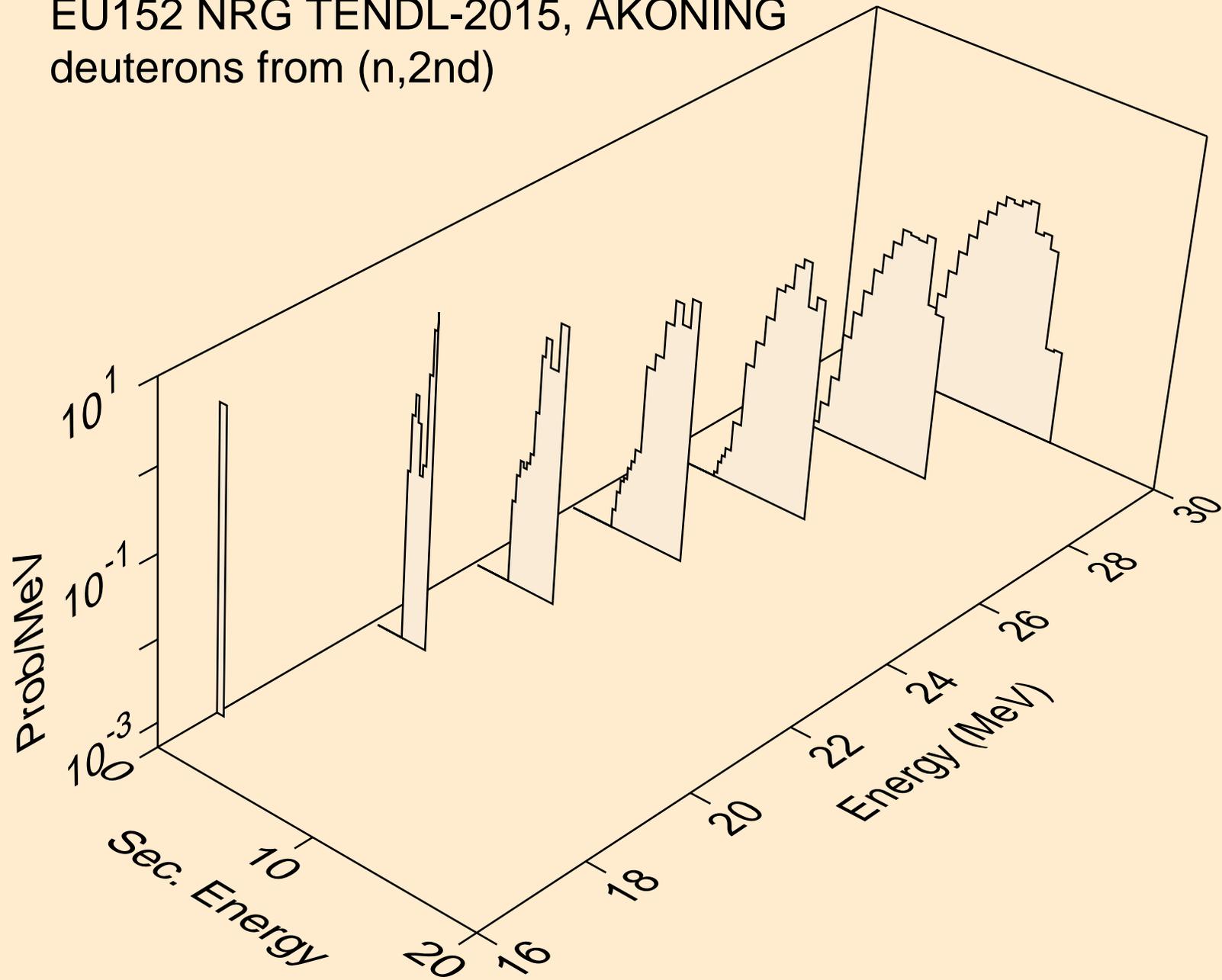
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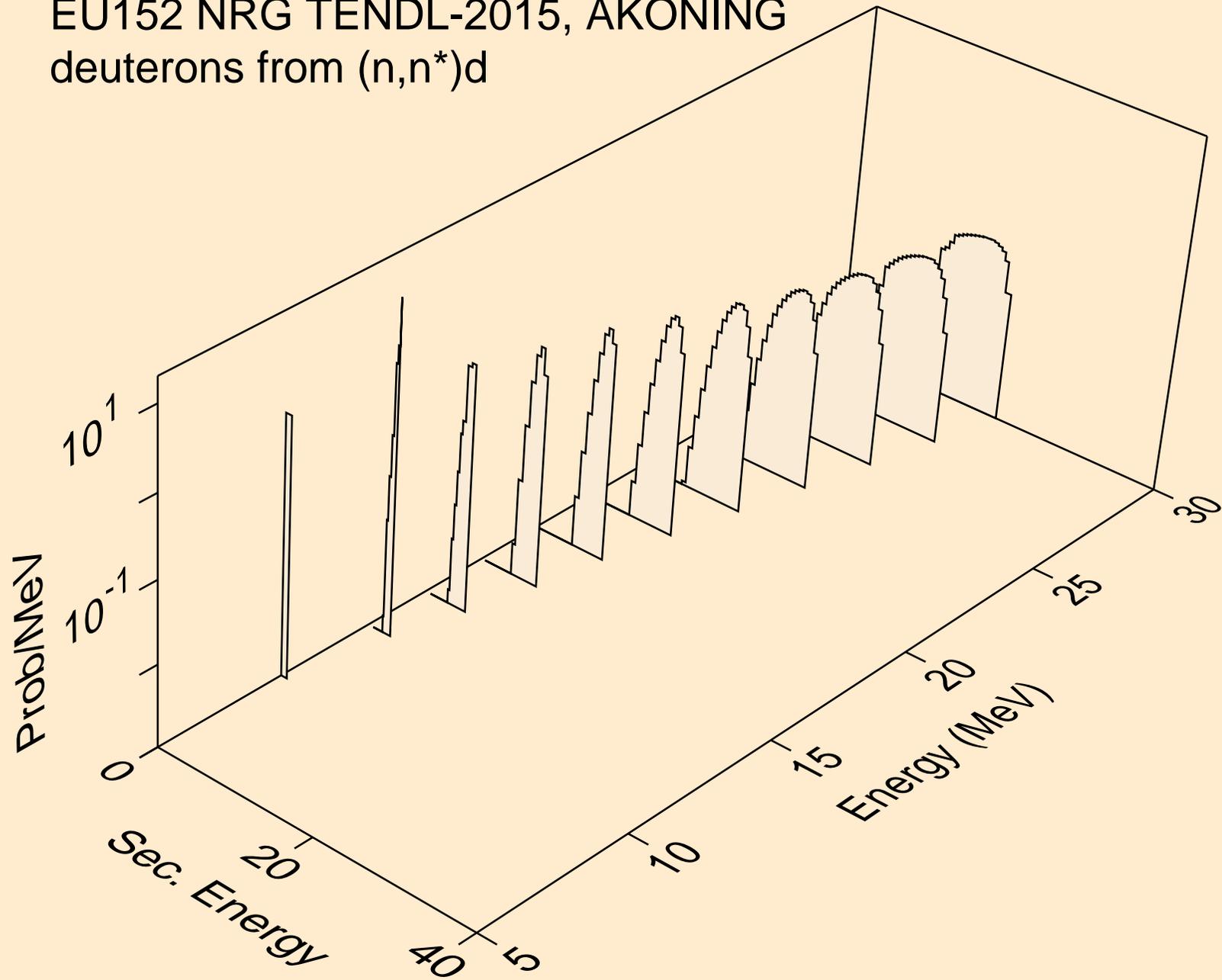
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deuterons from (n,x)



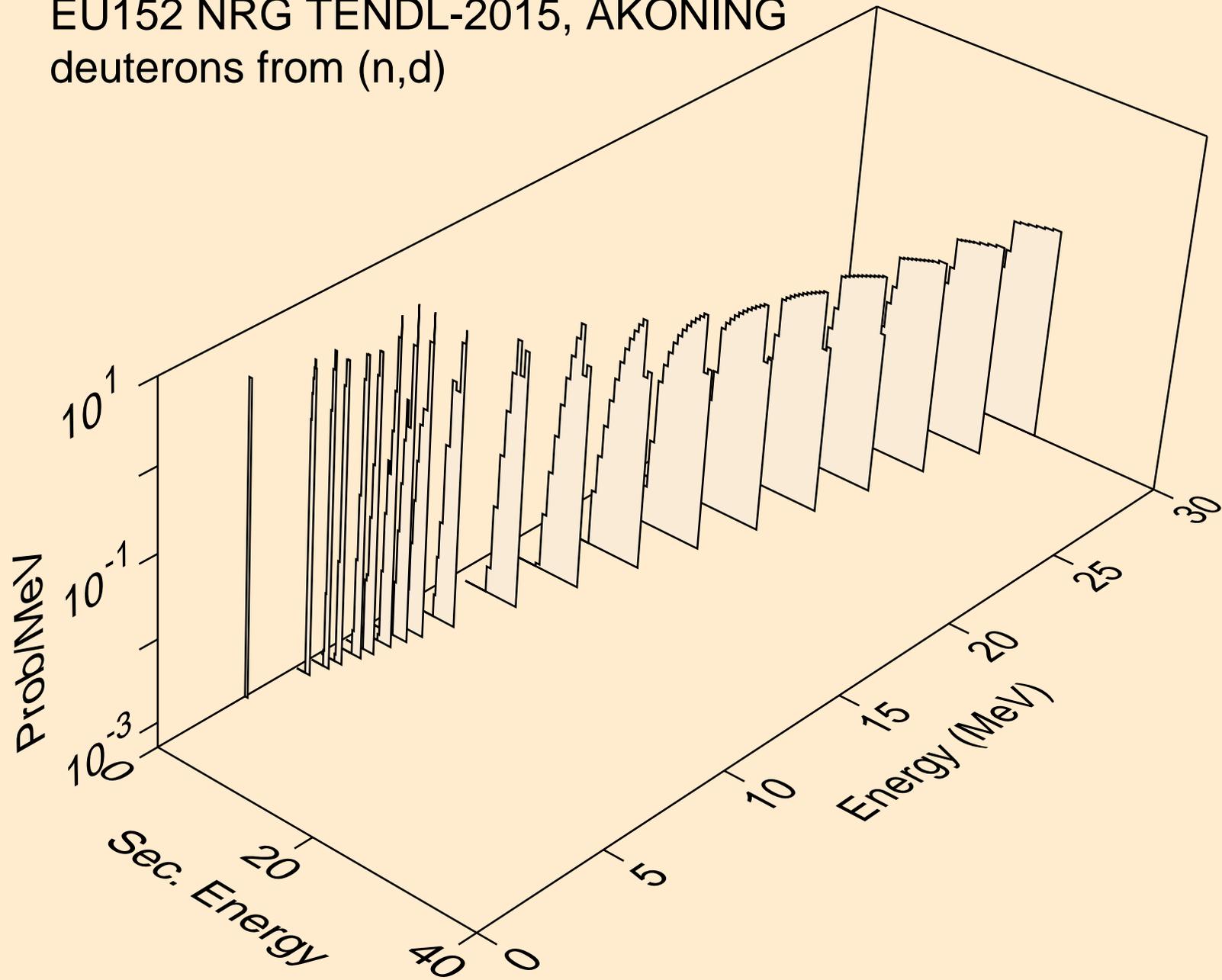
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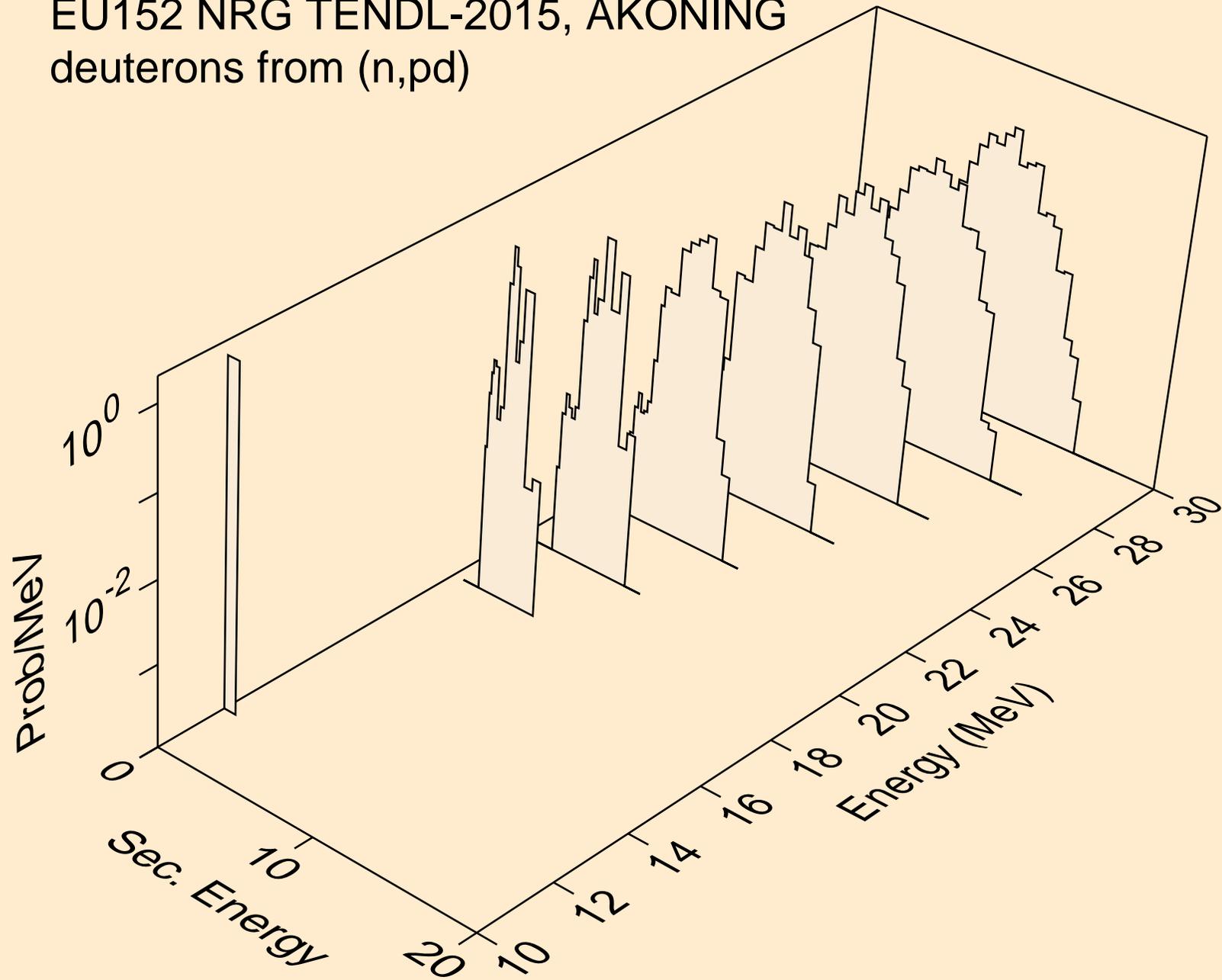
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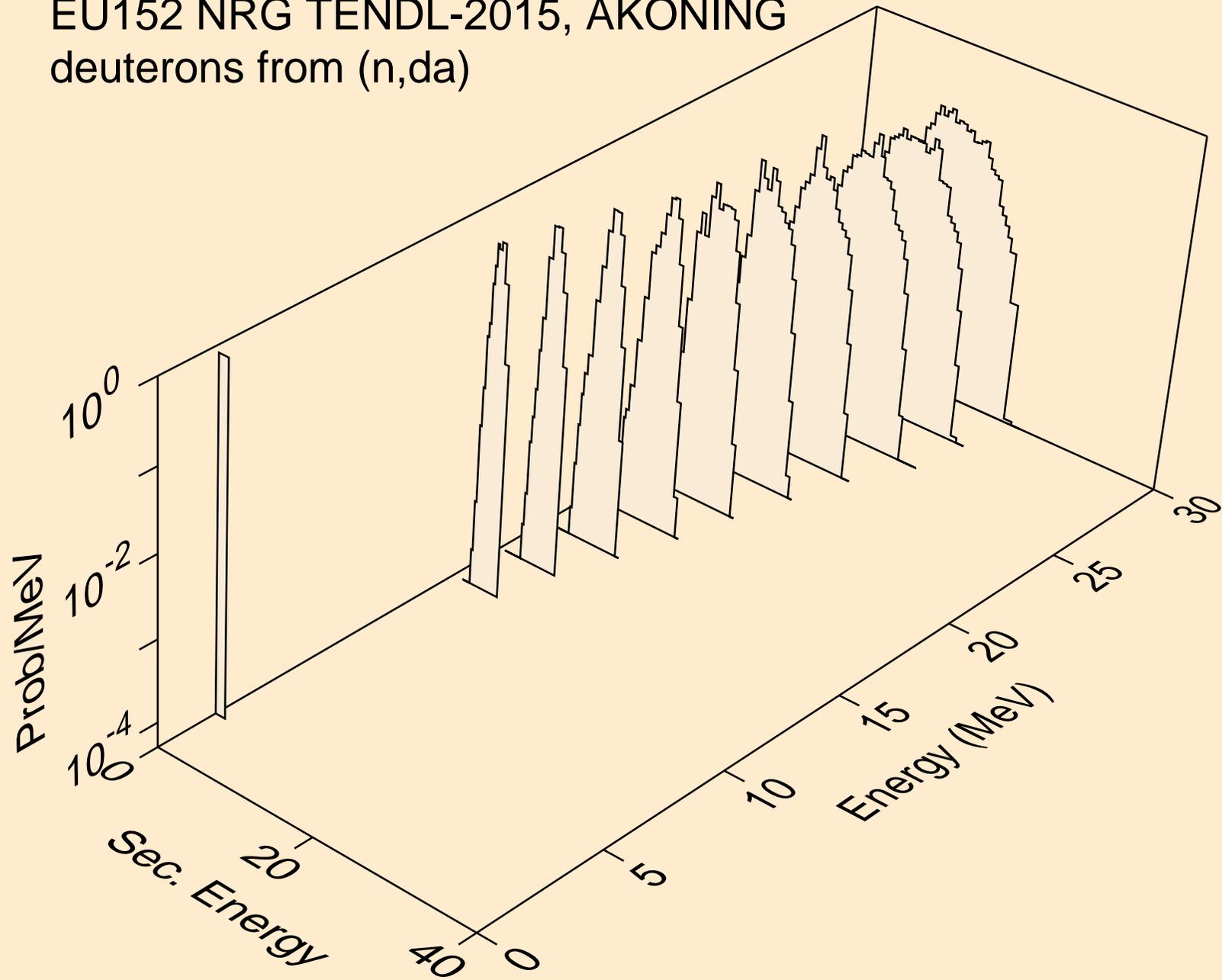
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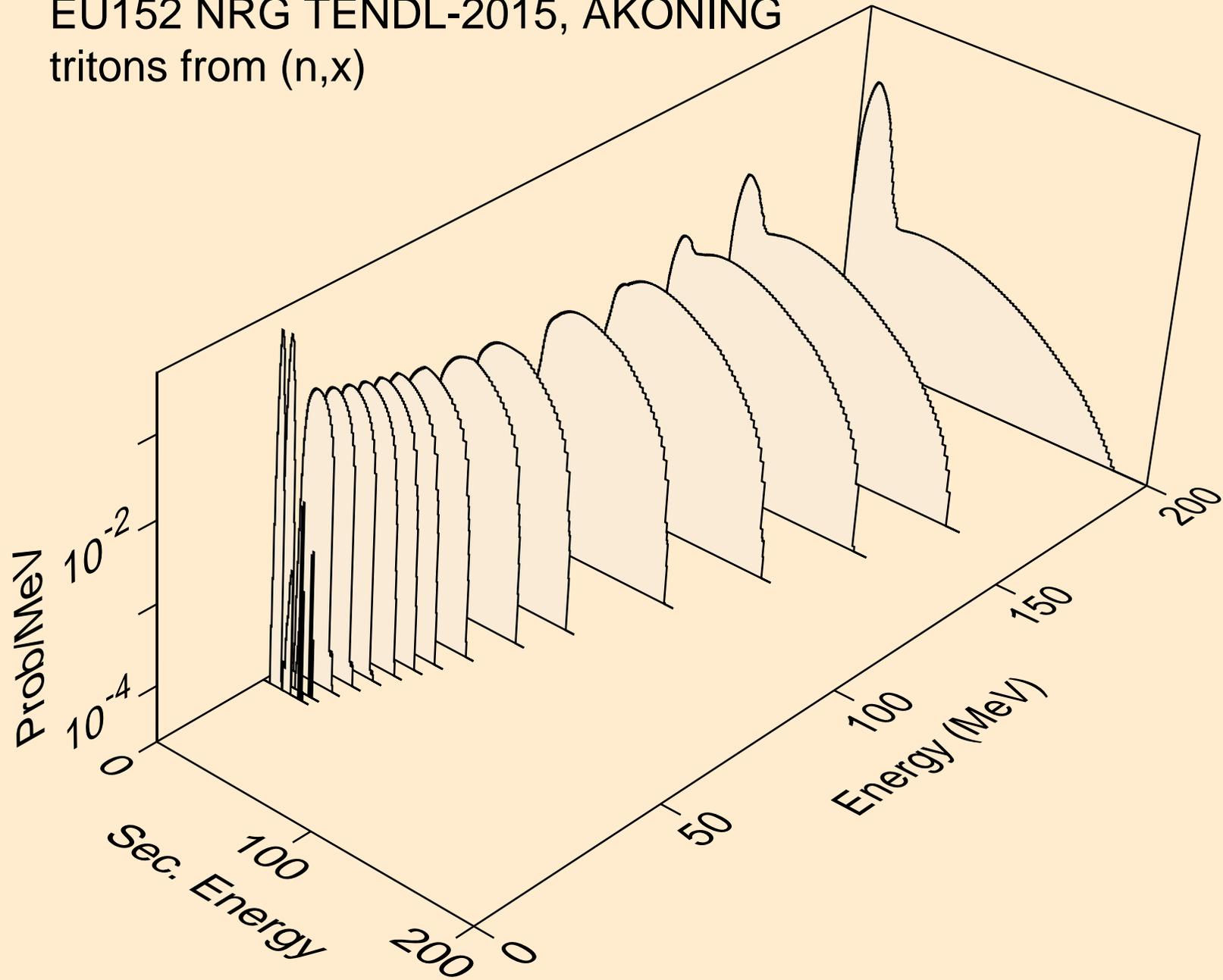
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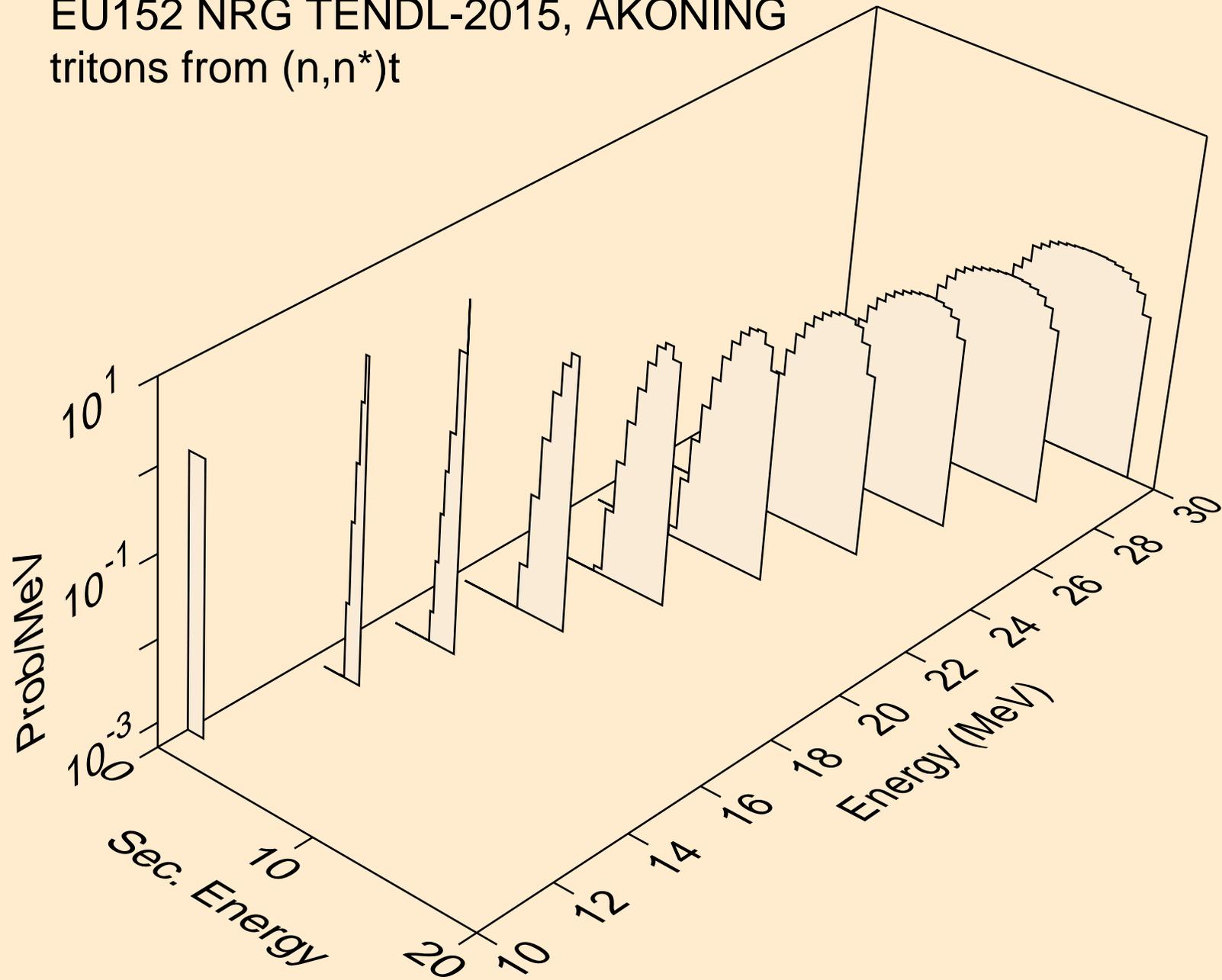
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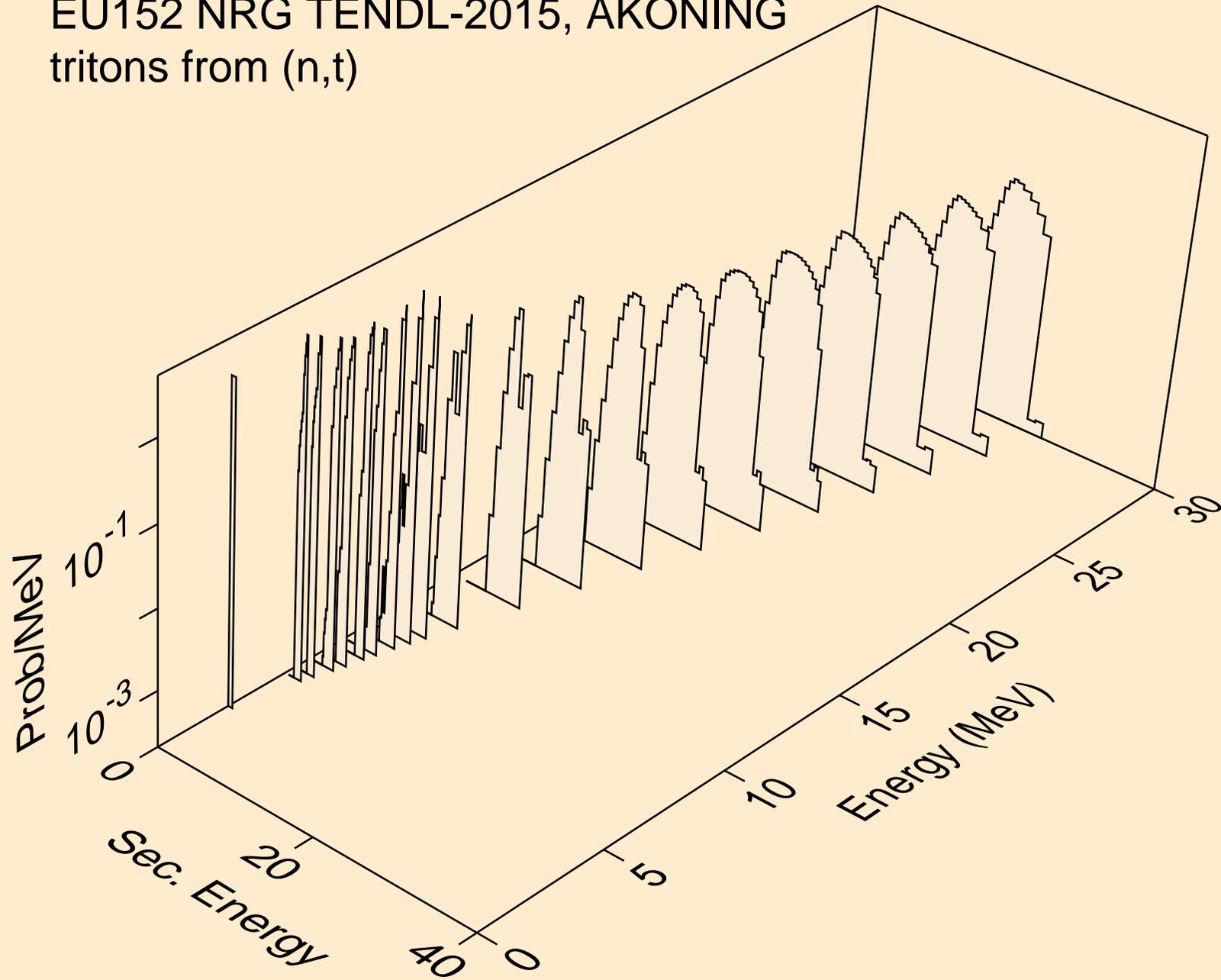
EU152 NRG TENDL-2015, AKONING  
tritons from (n,x)



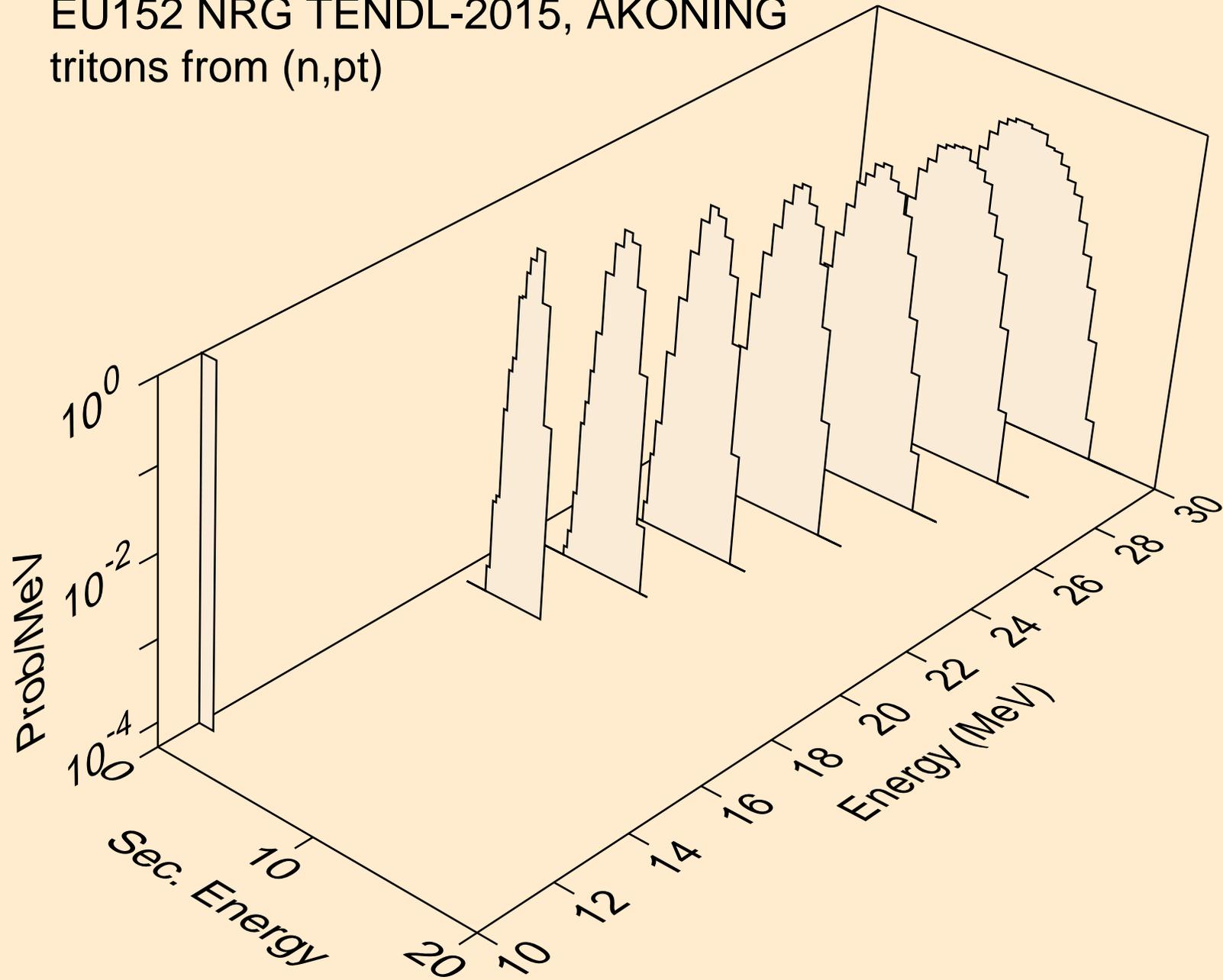
EU152 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



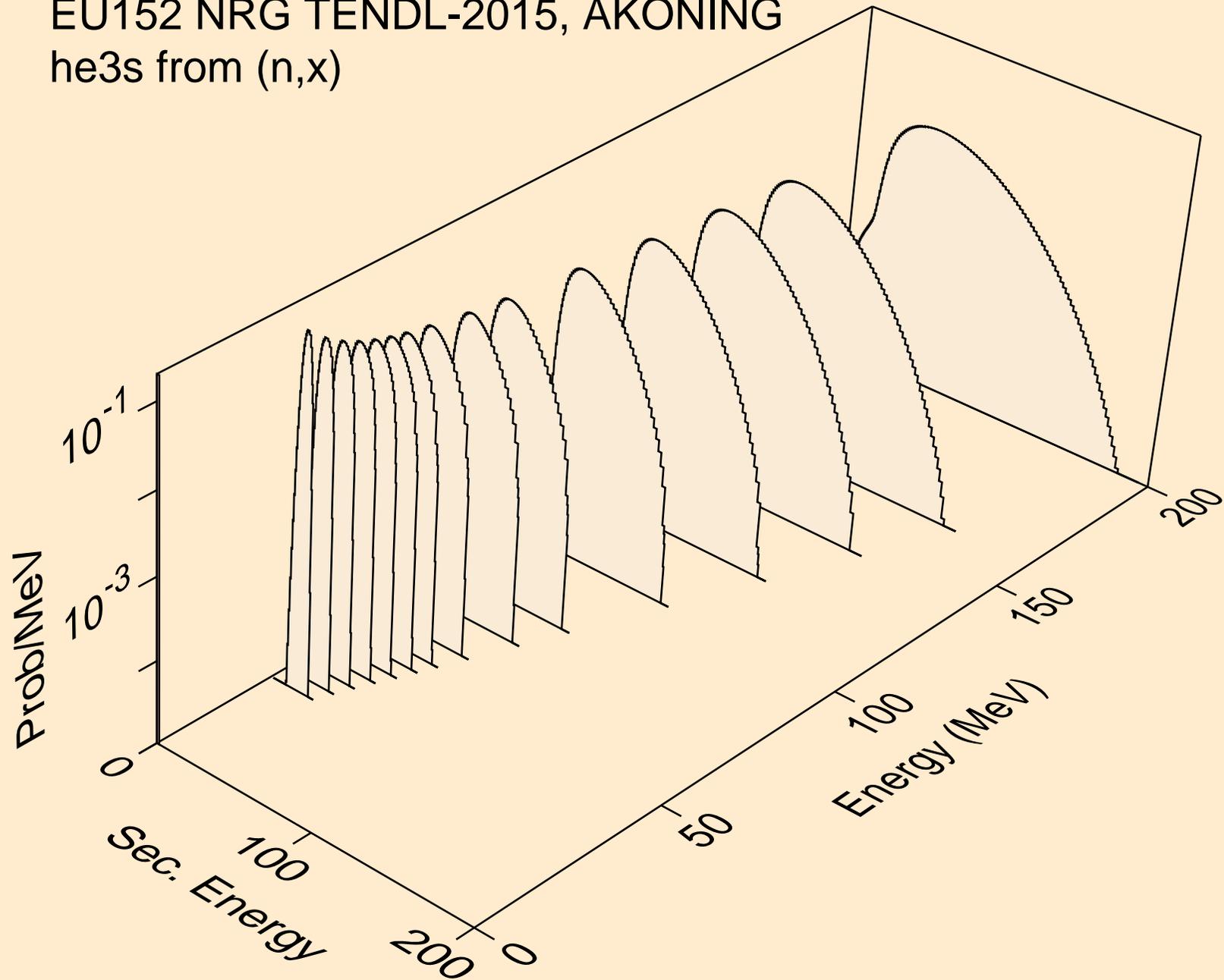
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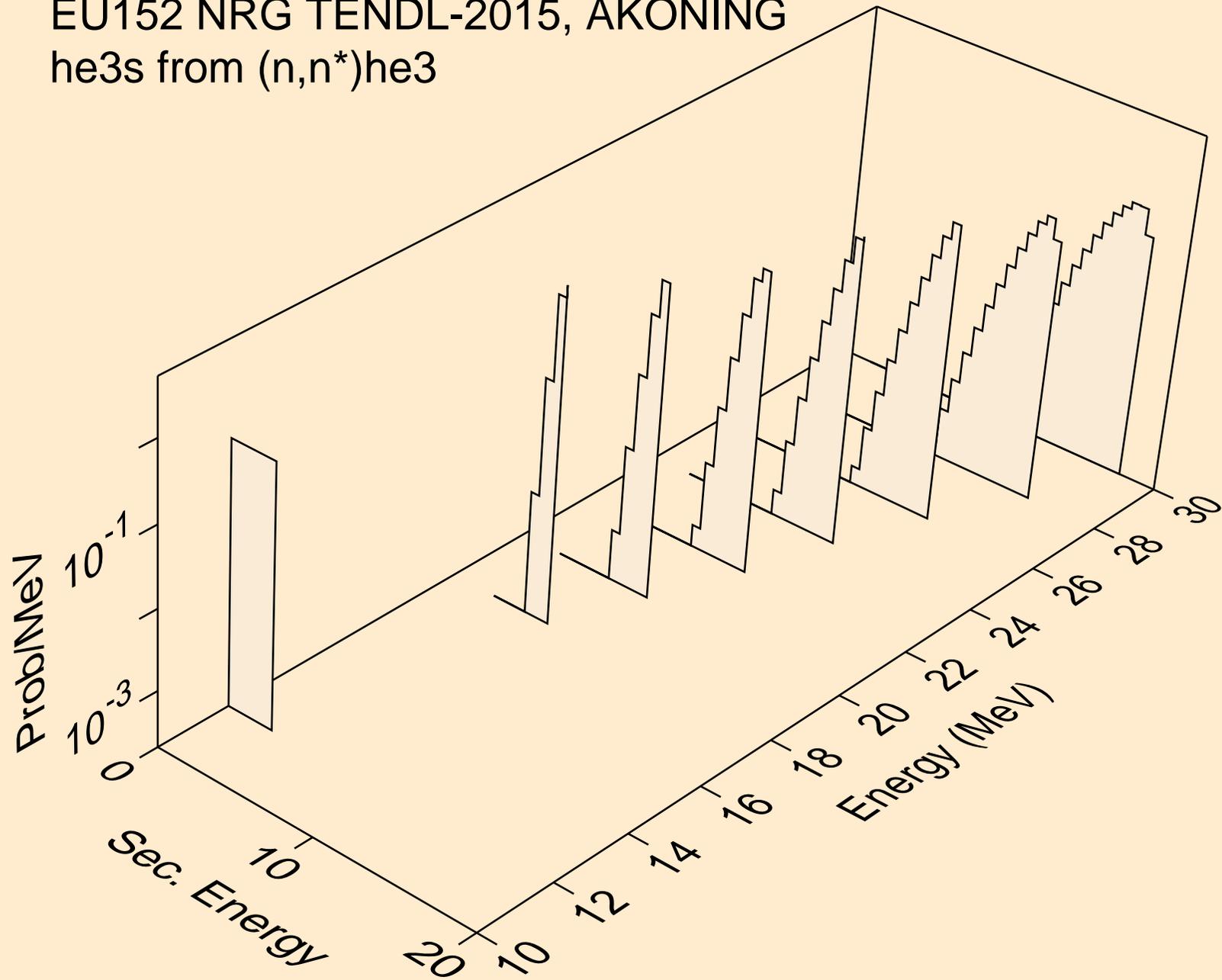
EU152 NRG TENDL-2015, AKONING  
tritons from (n,pt)



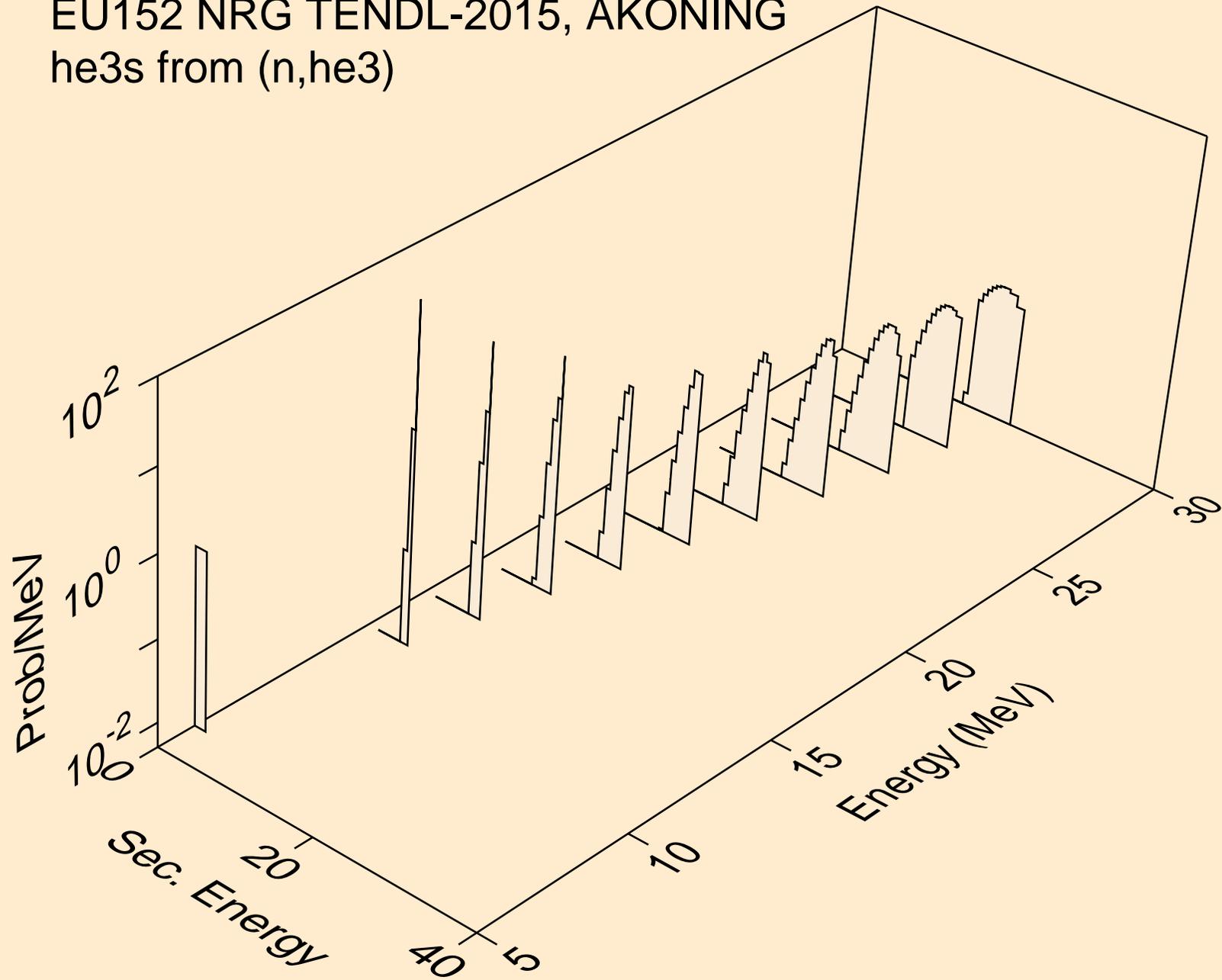
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he3s from (n,x)



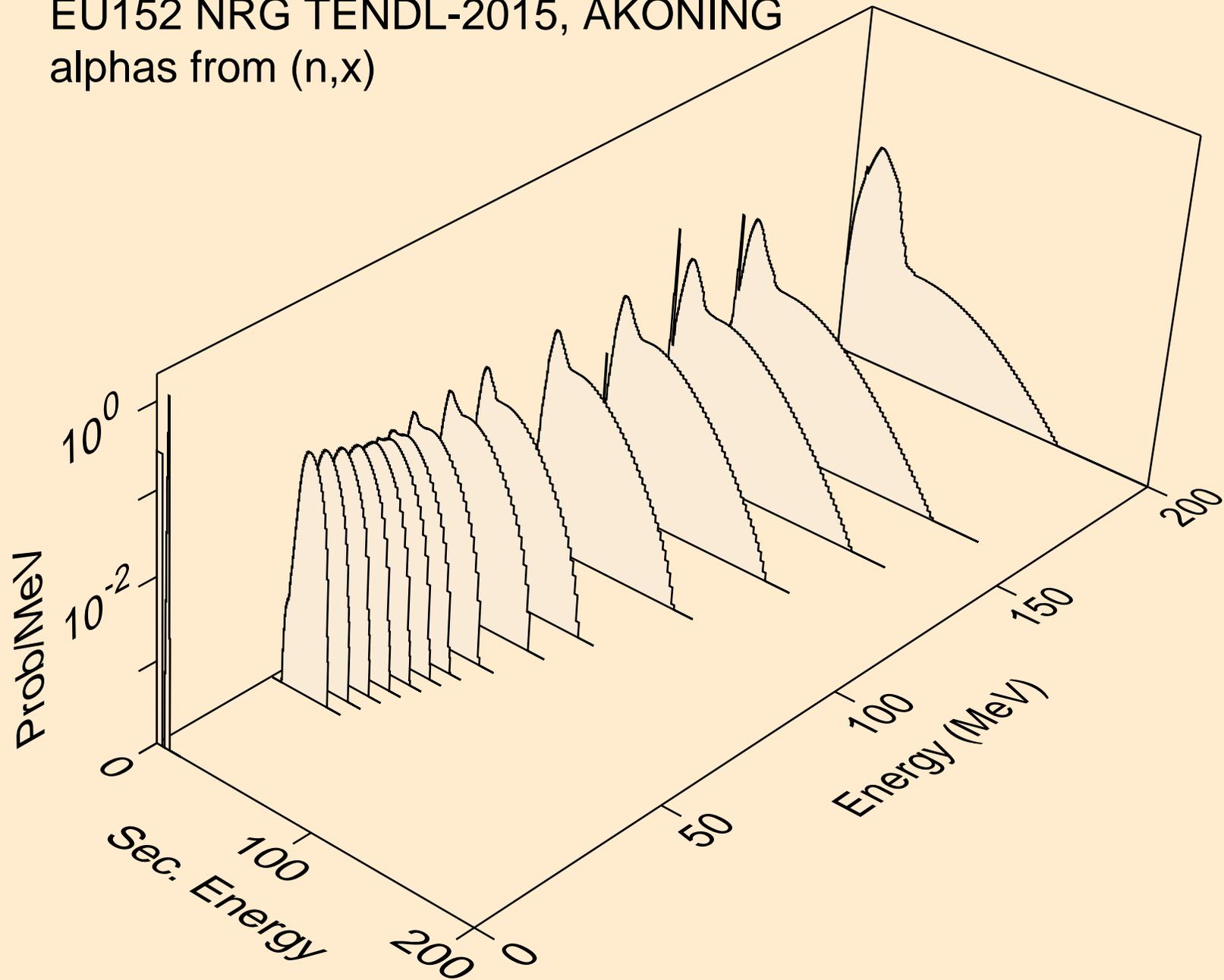
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he3s from (n,n\*)he3



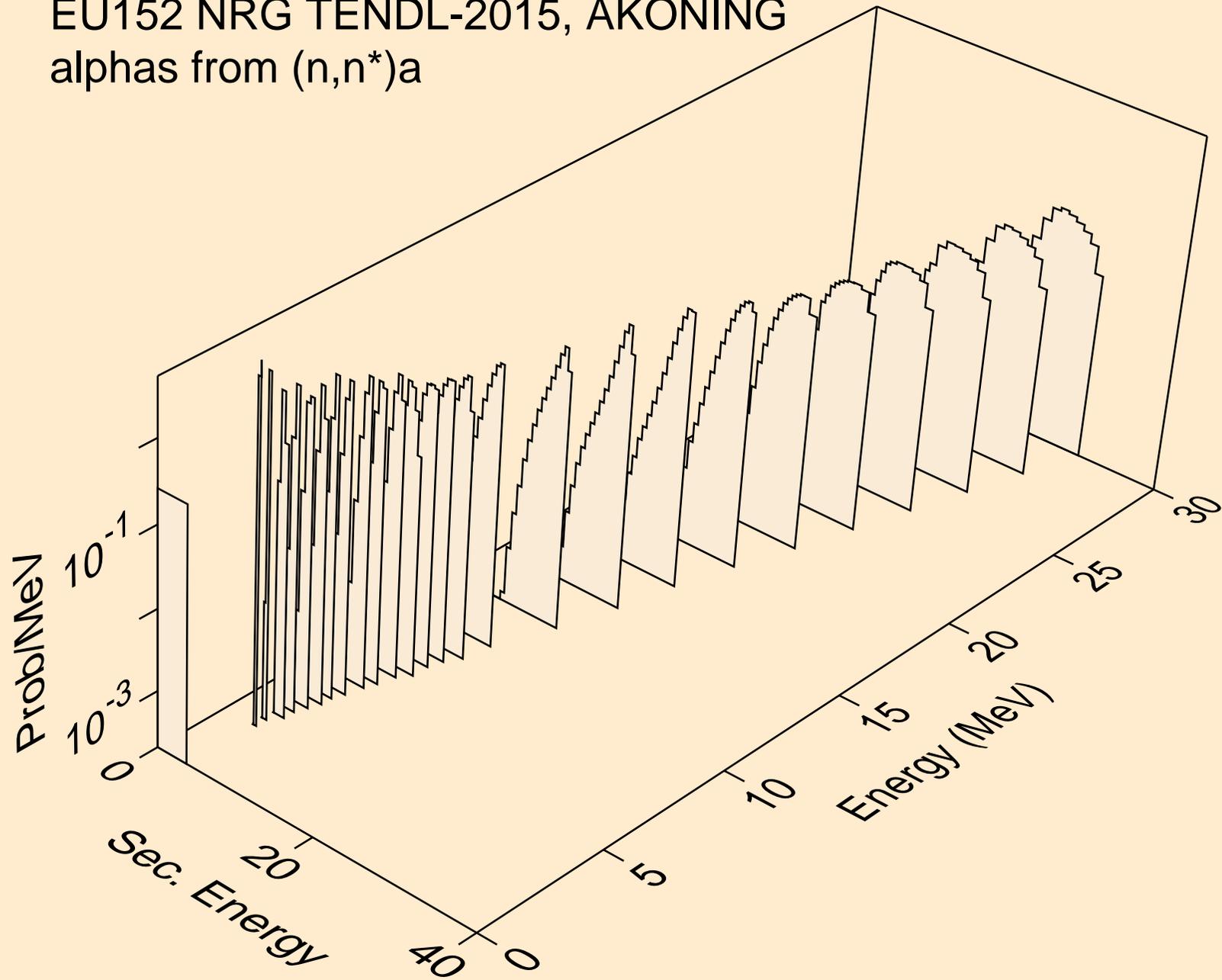
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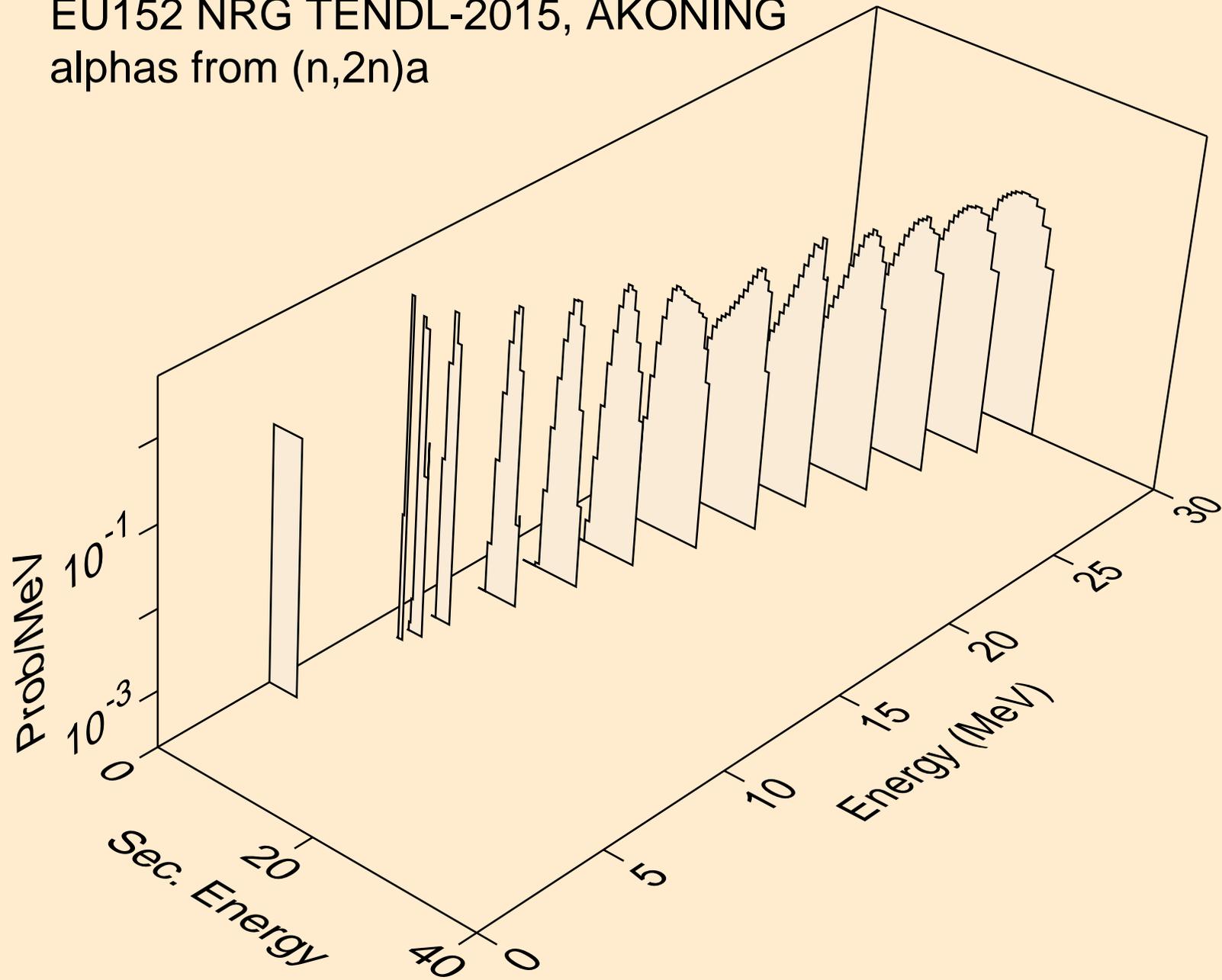
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alphas from (n,x)



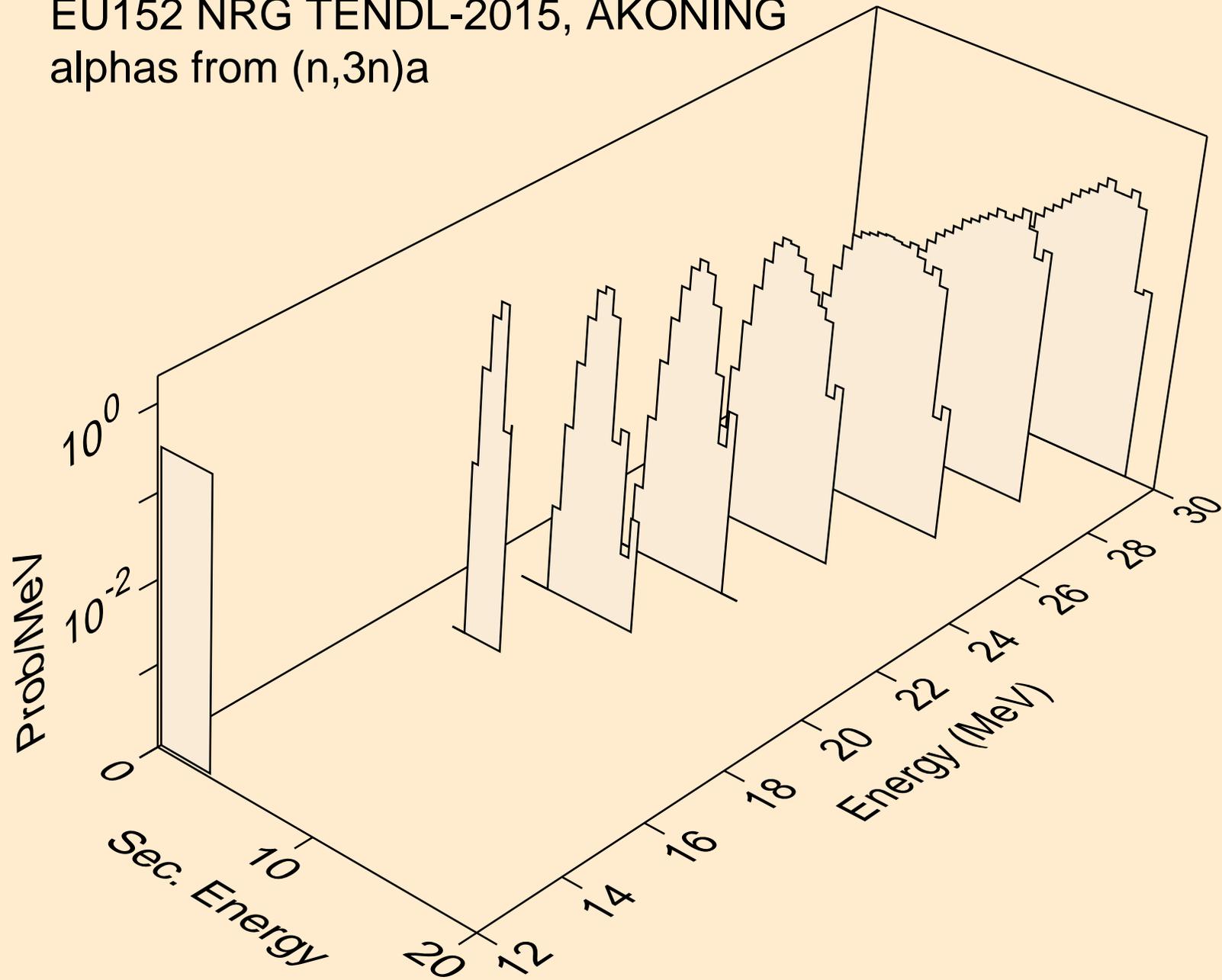
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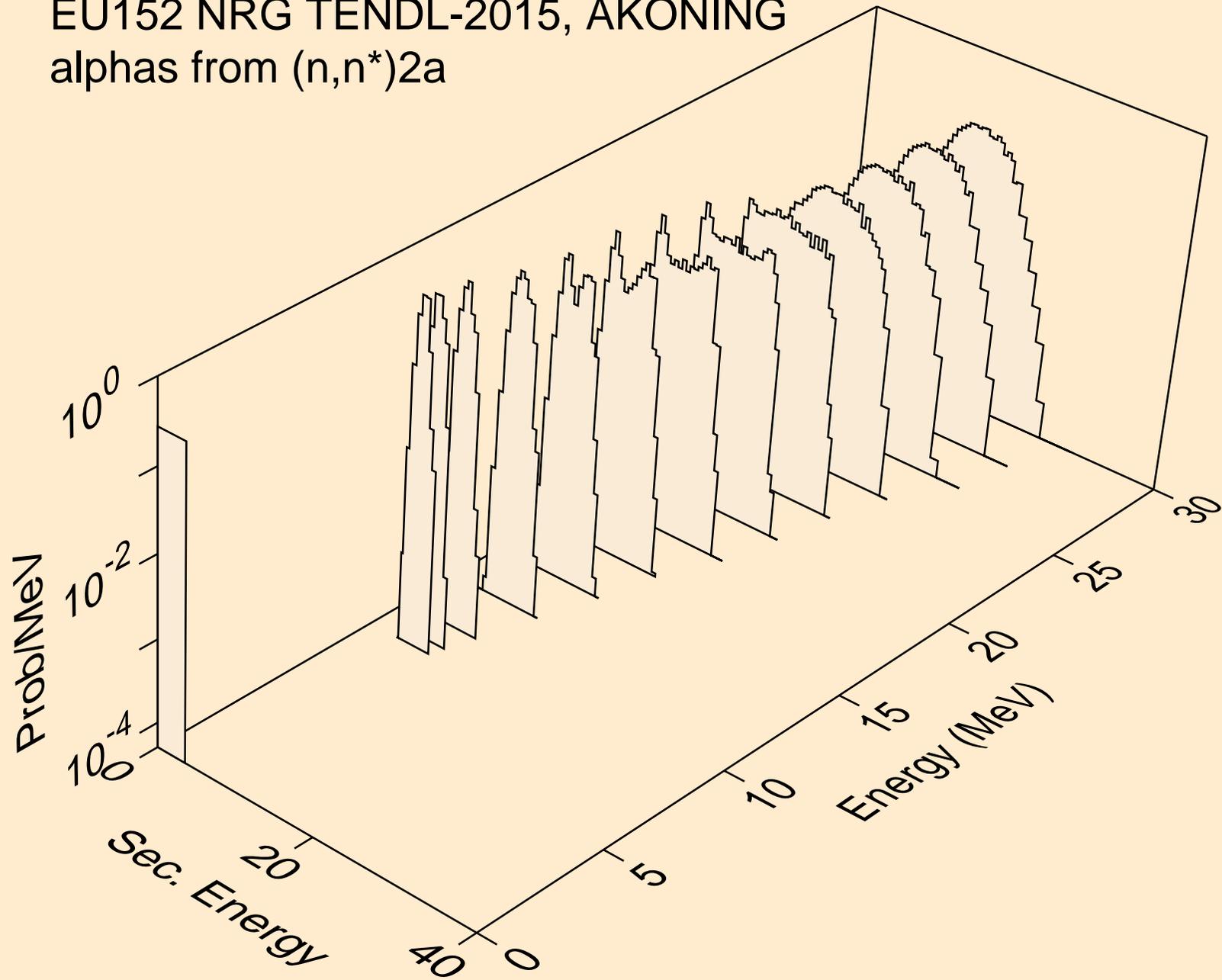
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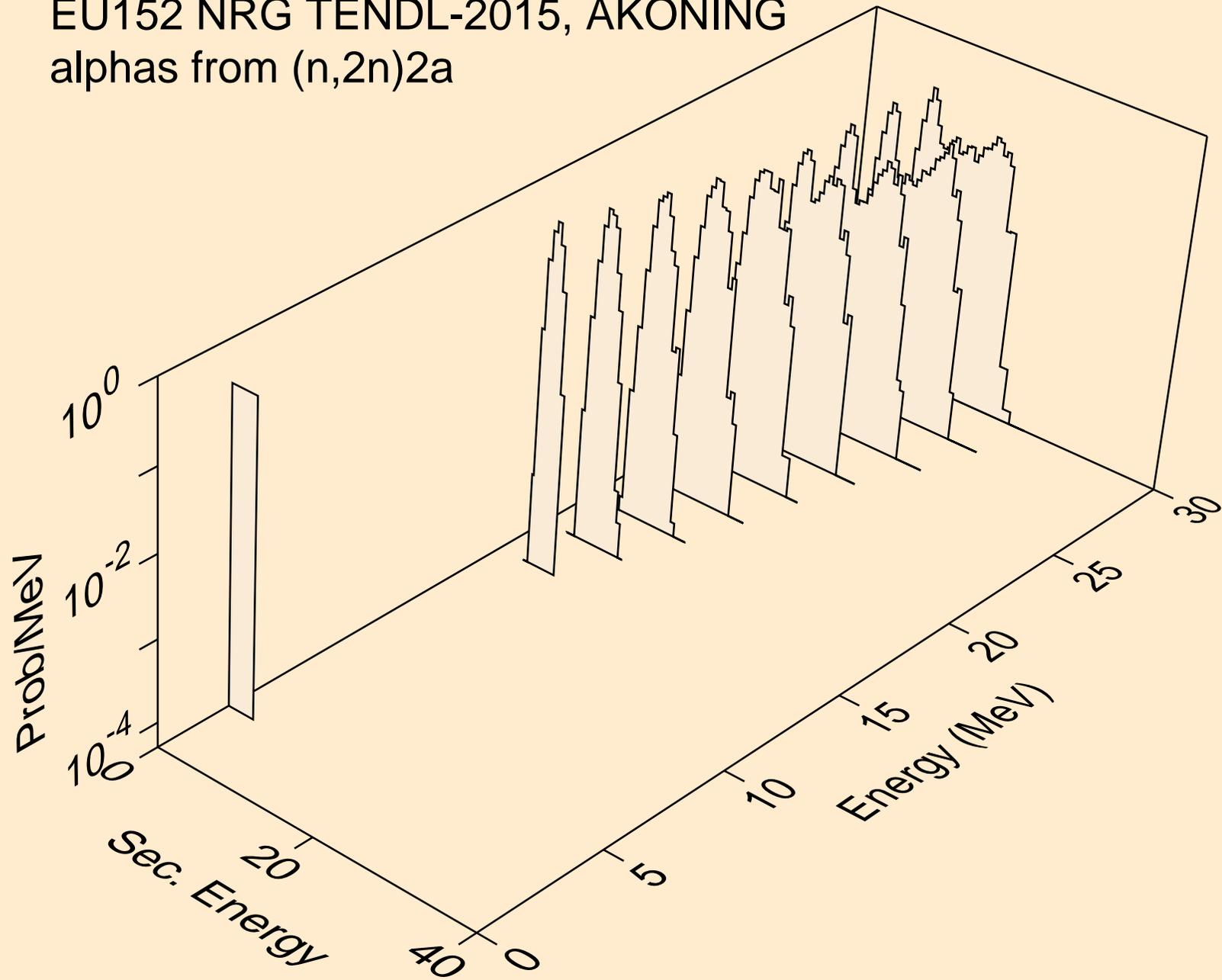
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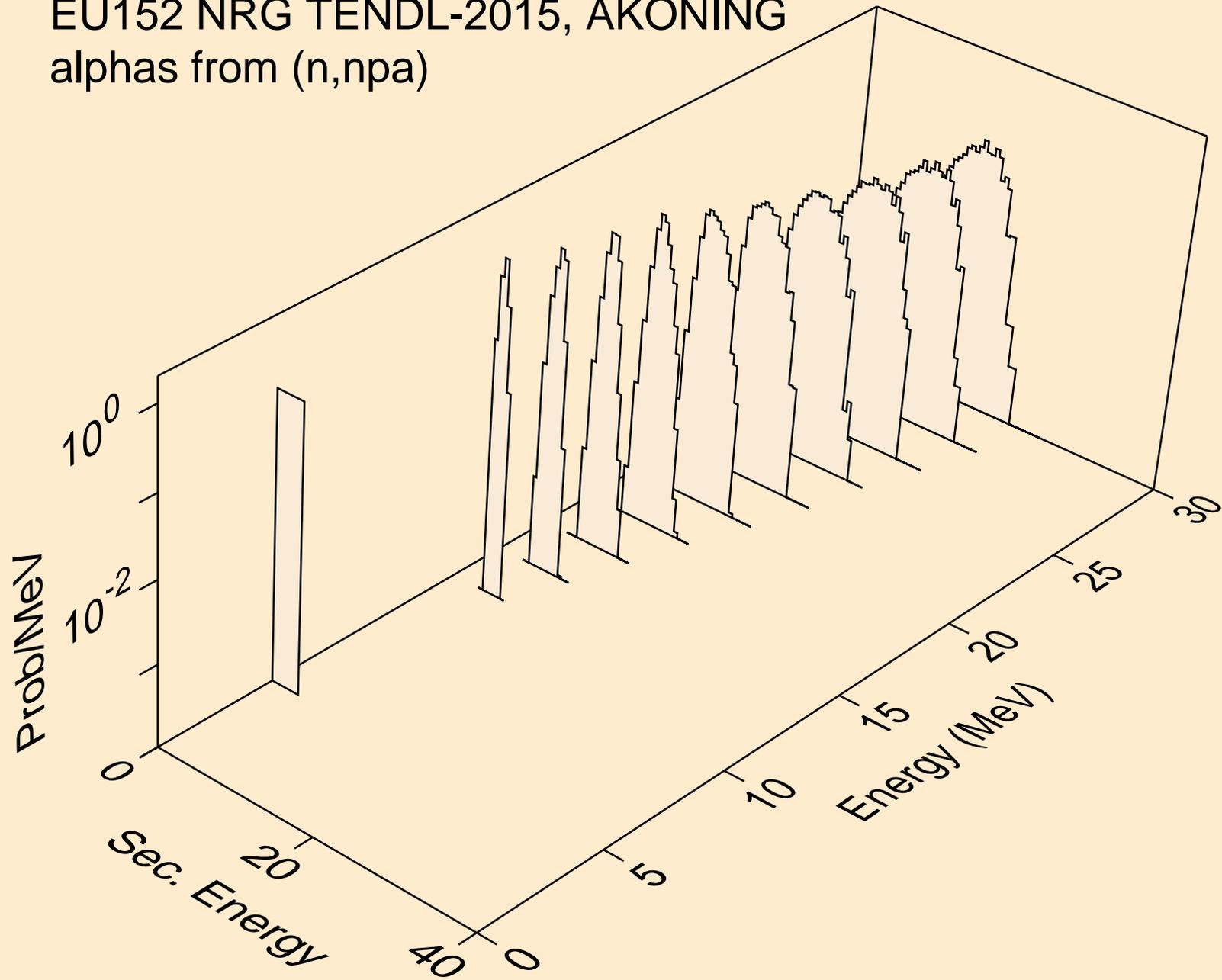
EU152 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



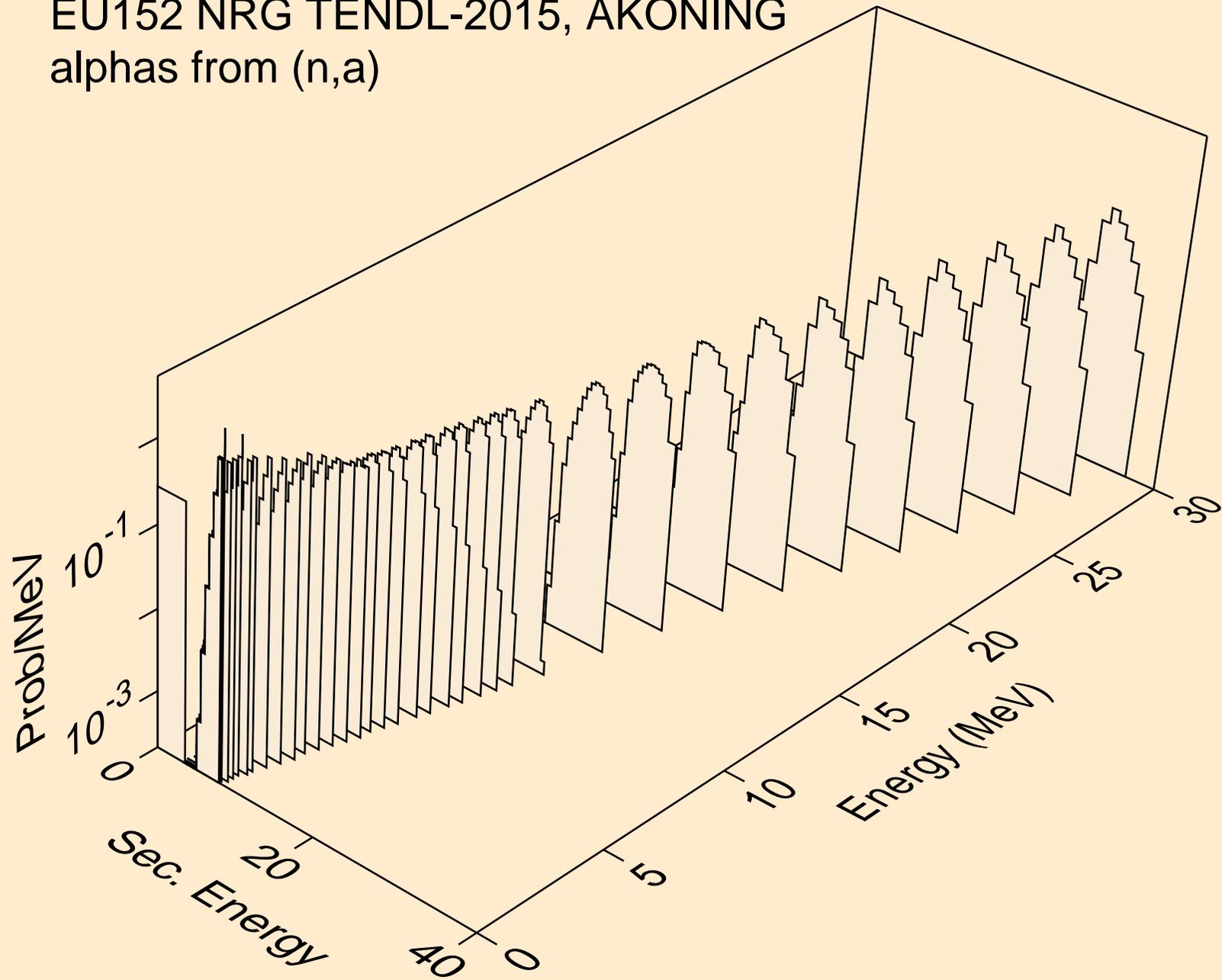
EU152 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



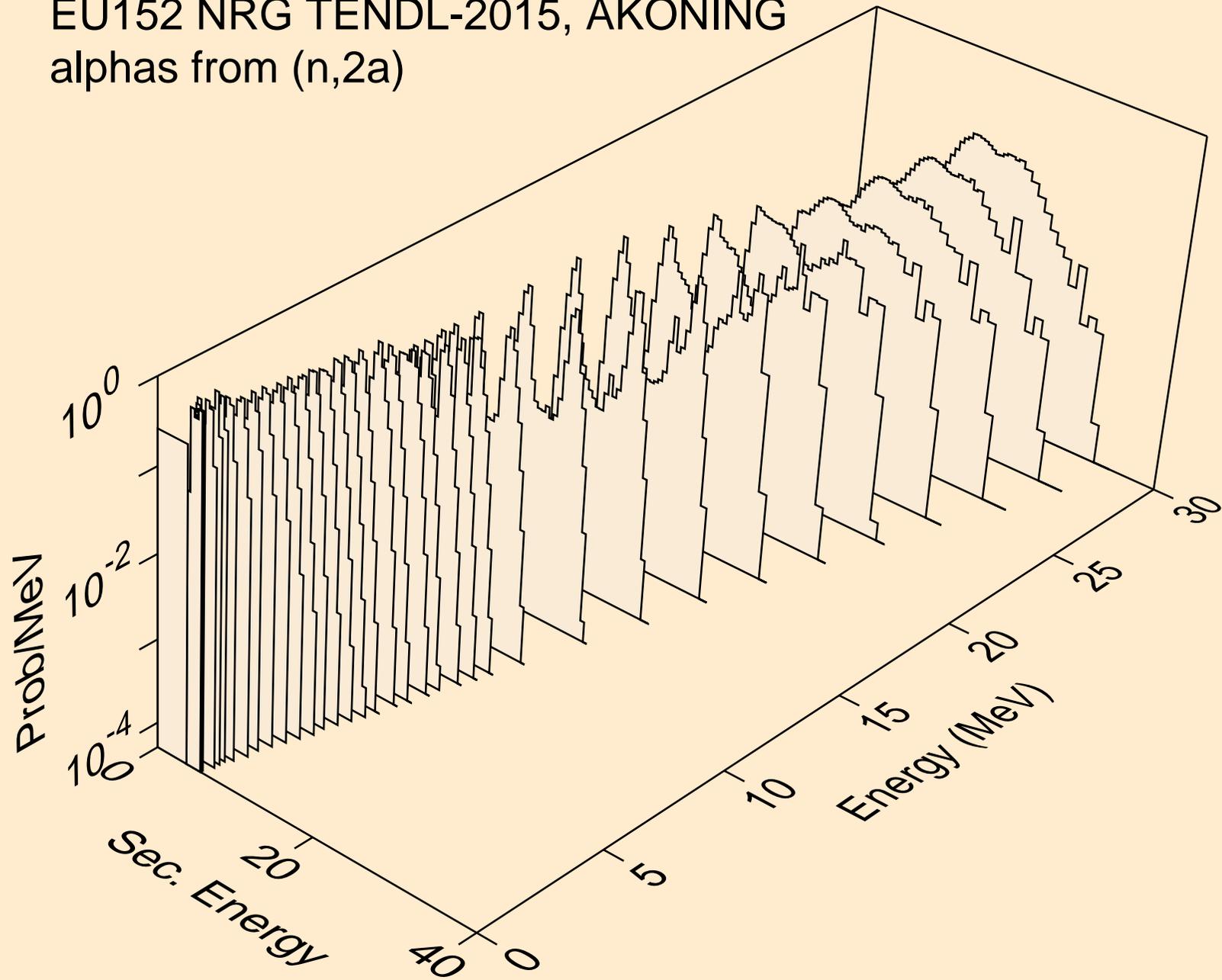
EU152 NRG TENDL-2015, AKONING  
alphas from (n,npa)



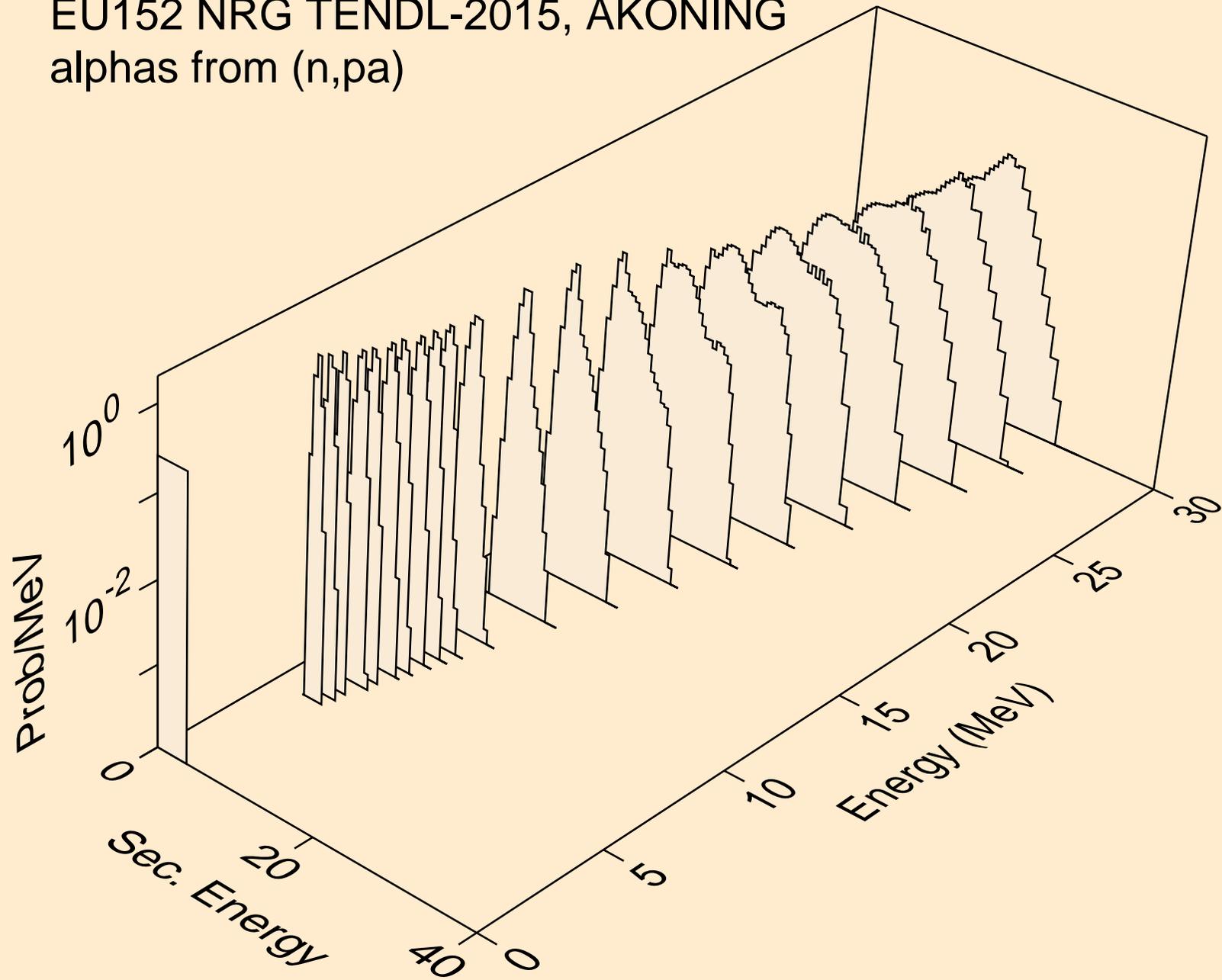
EU152 NRG TENDL-2015, AKONING  
alphas from (n,a)



EU152 NRG TENDL-2015, AKONING  
alphas from (n,2a)



EU152 NRG TENDL-2015, AKONING  
alphas from (n,pa)



EU152 NRG TENDL-2015, AKONING  
alphas from (n,da)

