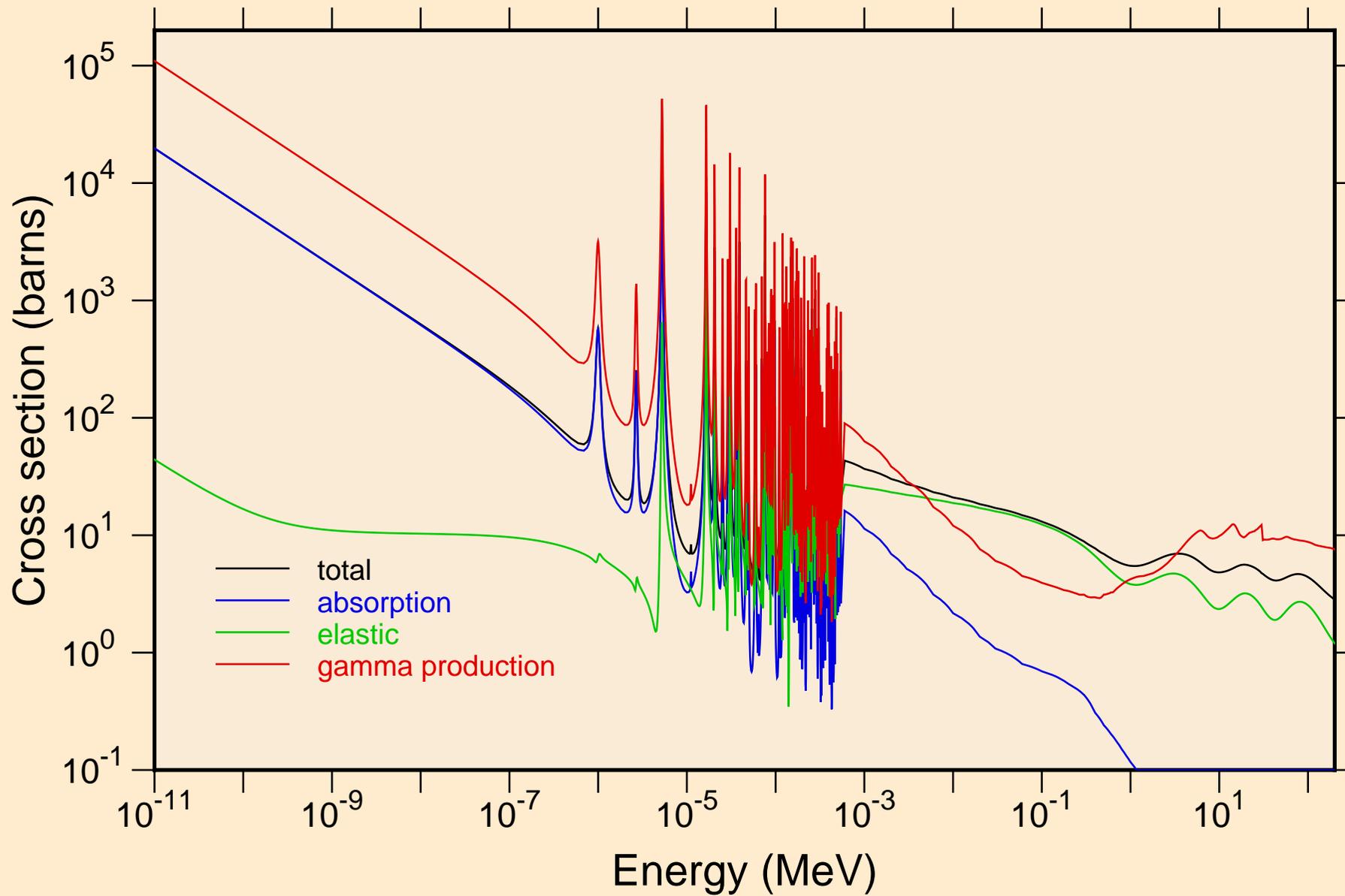
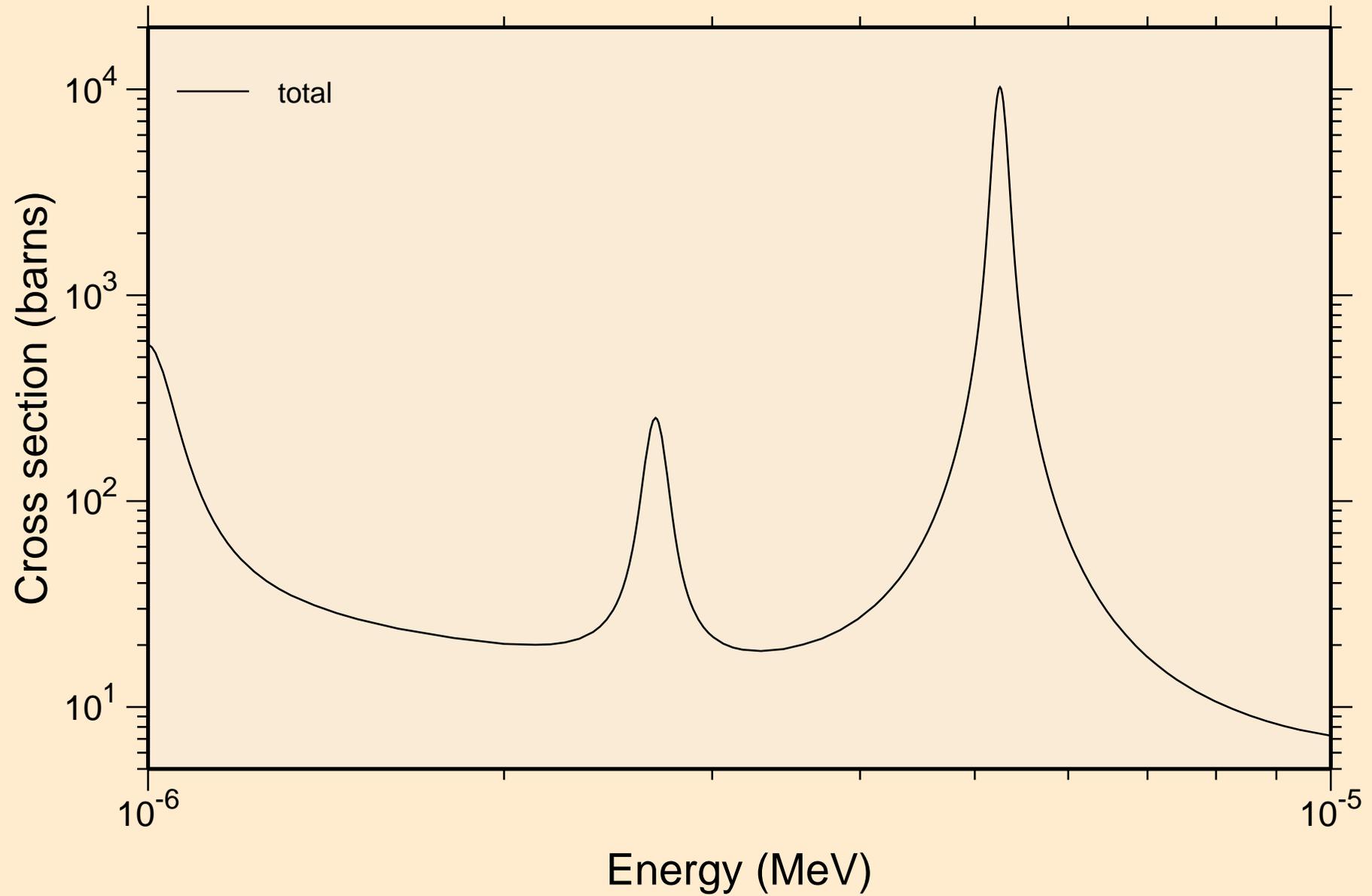


# OS191 NRG TENDL-2015, AKONING

## Principal cross sections

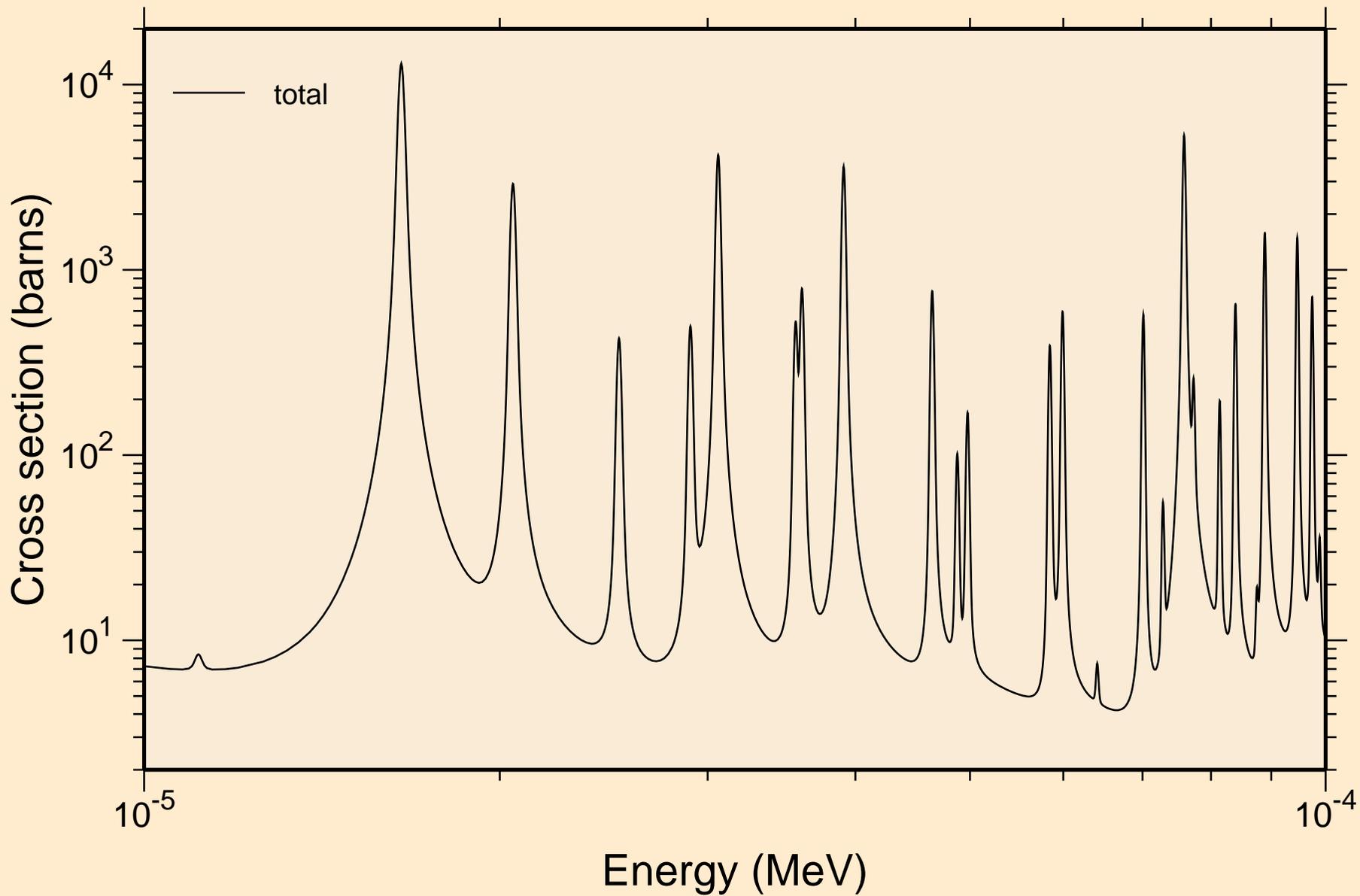


OS191 NRG TENDL-2015, AKONING  
resonance total cross section

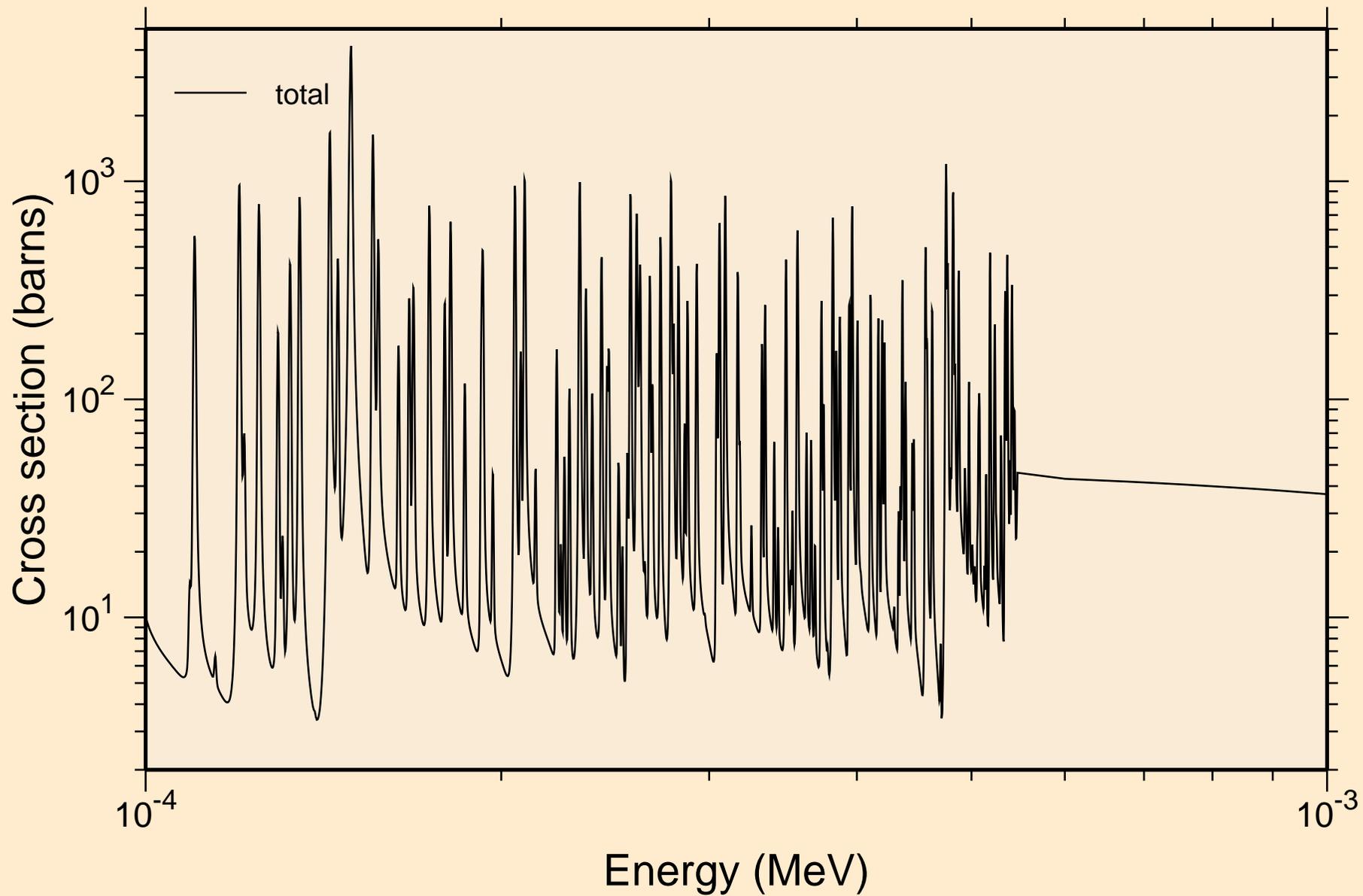


# OS191 NRG TENDL-2015, AKONING

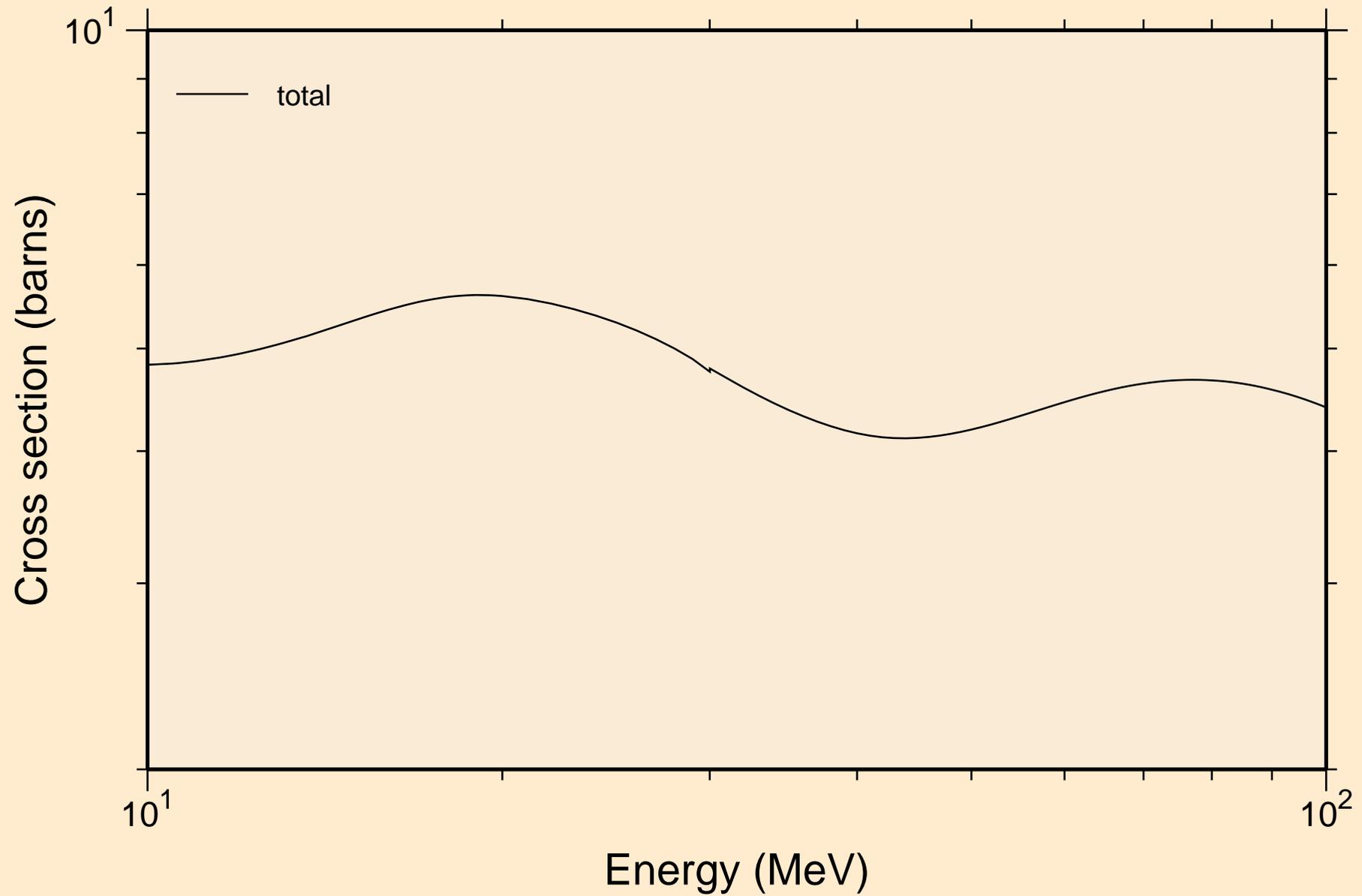
## resonance total cross section



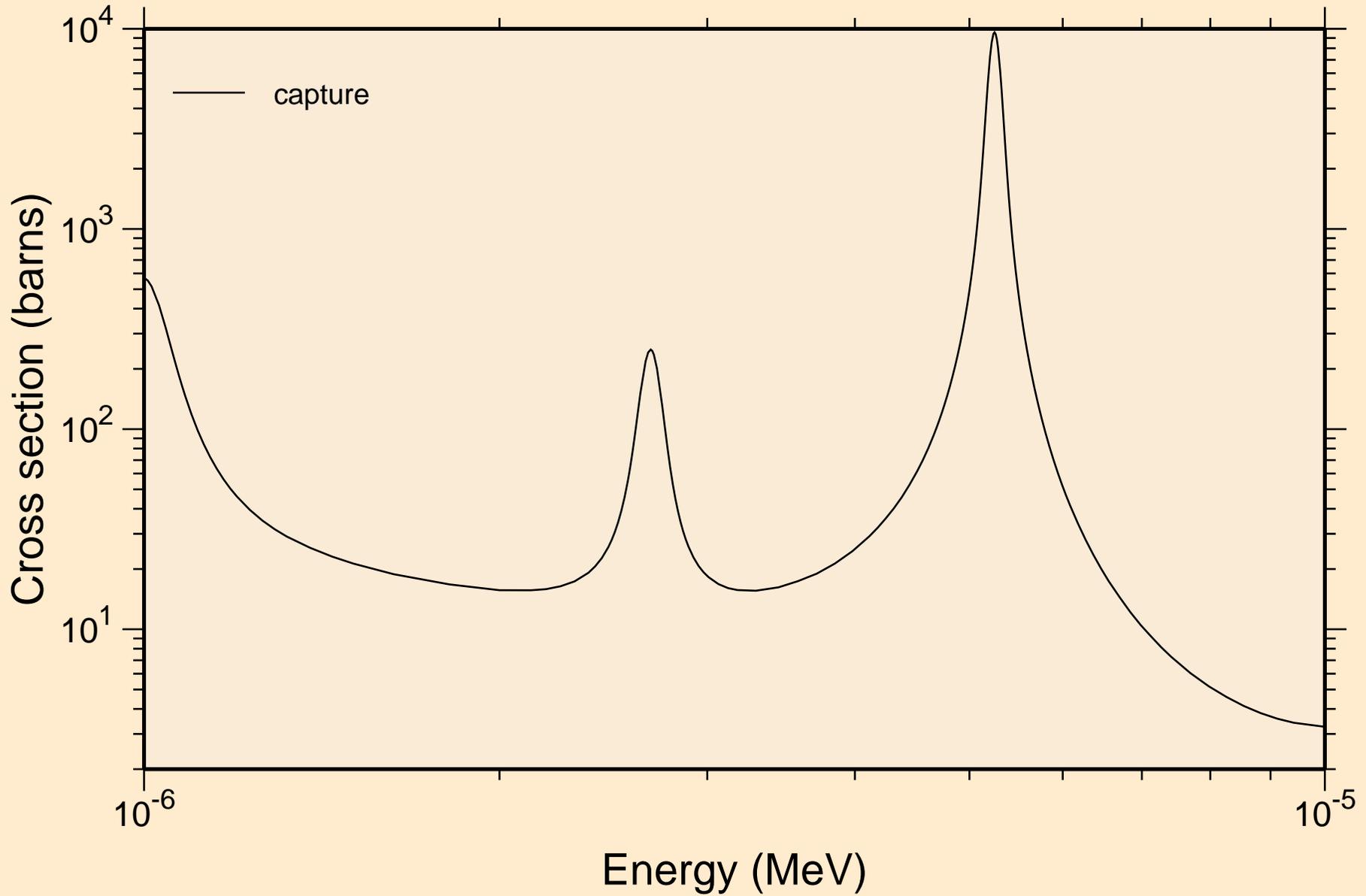
OS191 NRG TENDL-2015, AKONING  
resonance total cross section



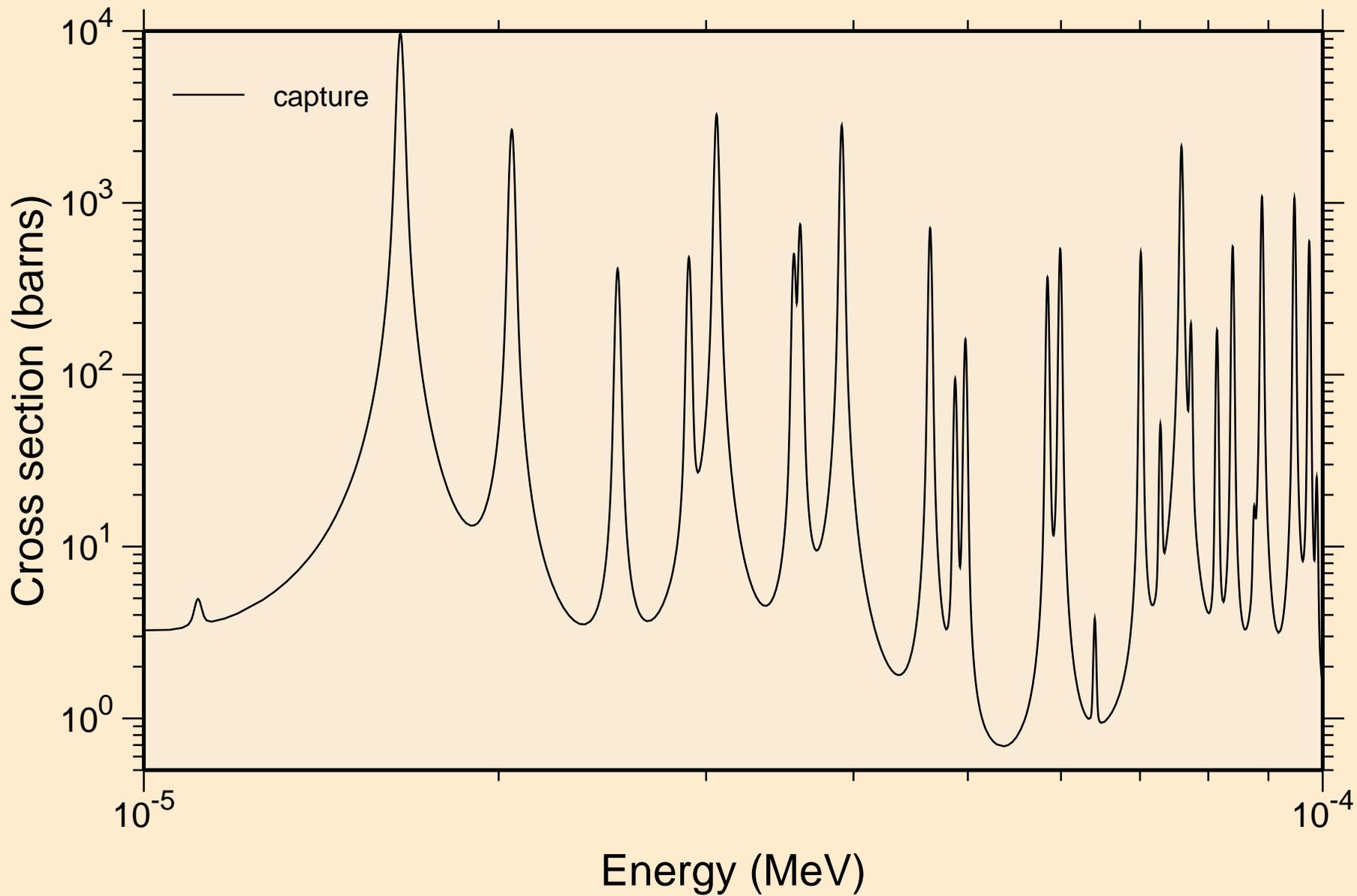
OS191 NRG TENDL-2015, AKONING  
resonance total cross section



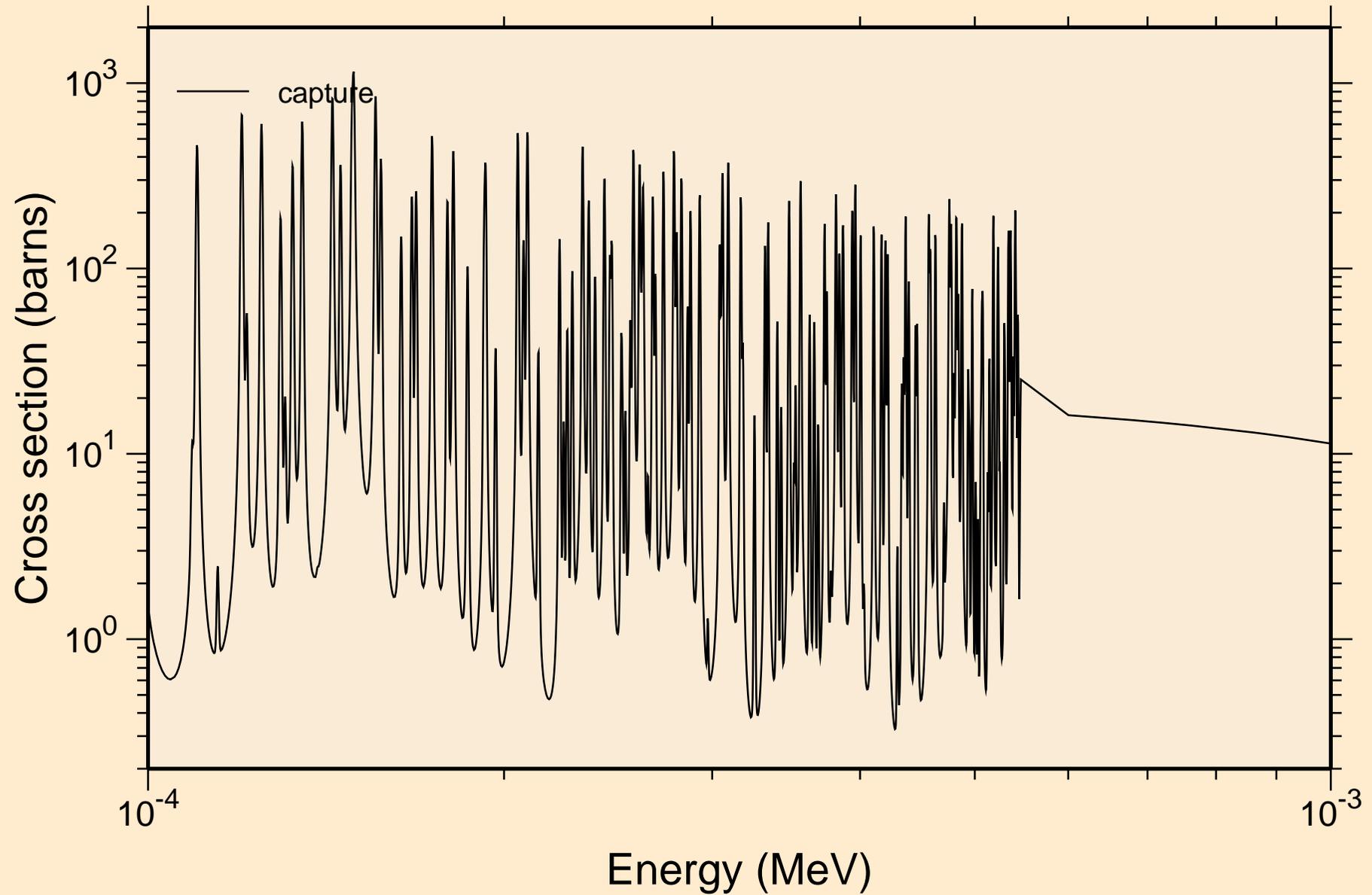
OS191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



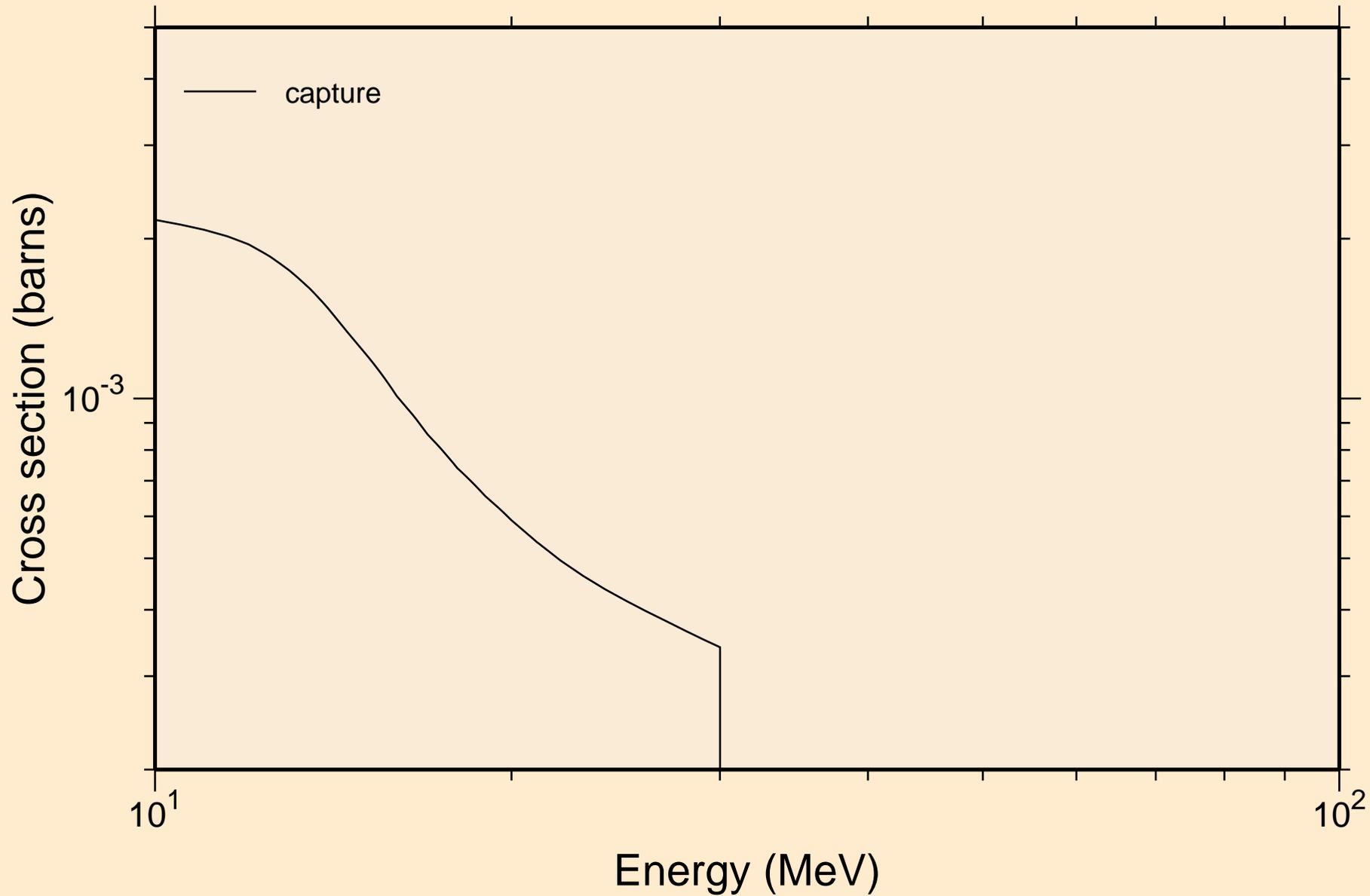
# OS191 NRG TENDL-2015, AKONING resonance absorption cross sections



OS191 NRG TENDL-2015, AKONING  
resonance absorption cross sections

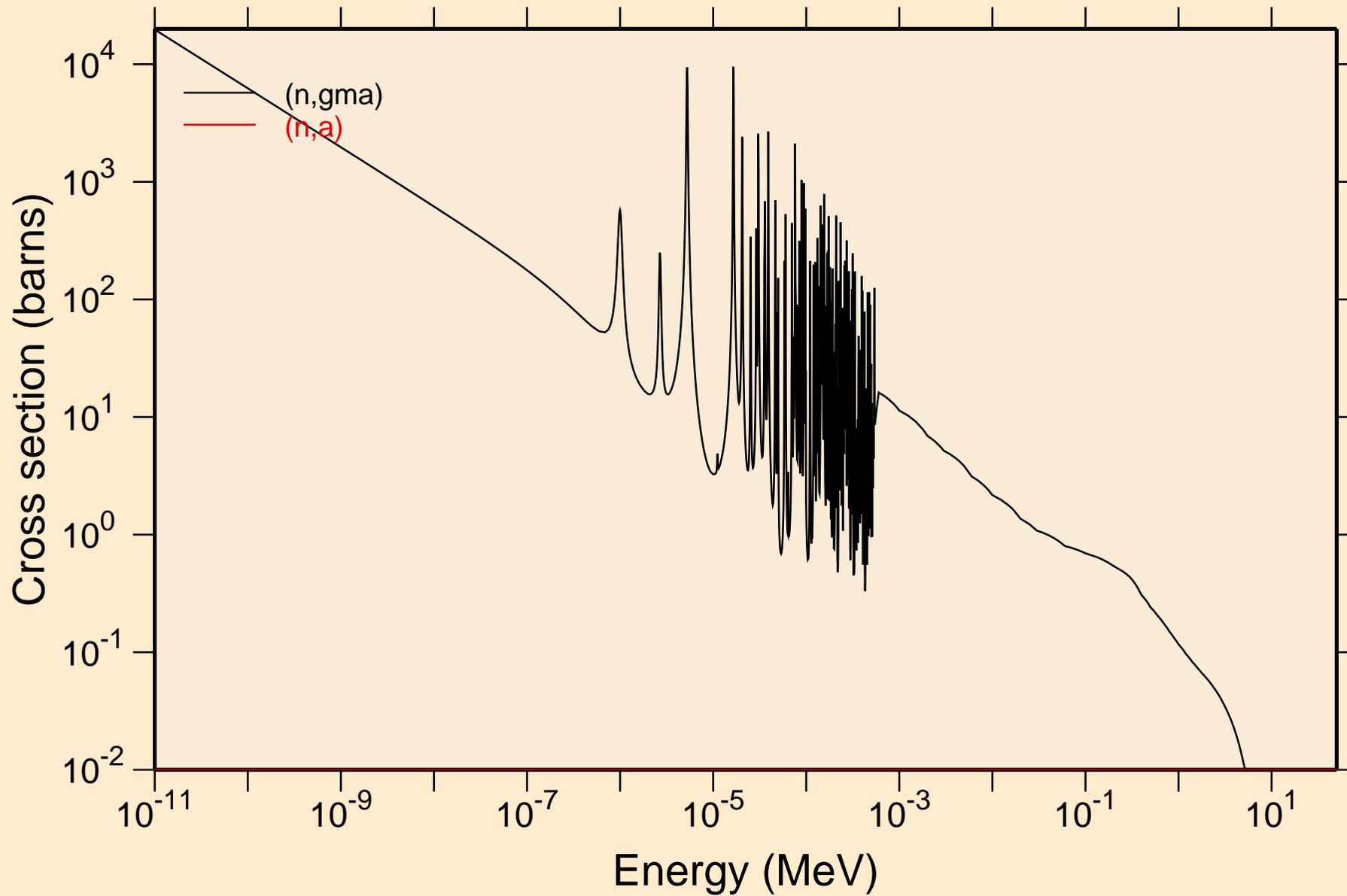


OS191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



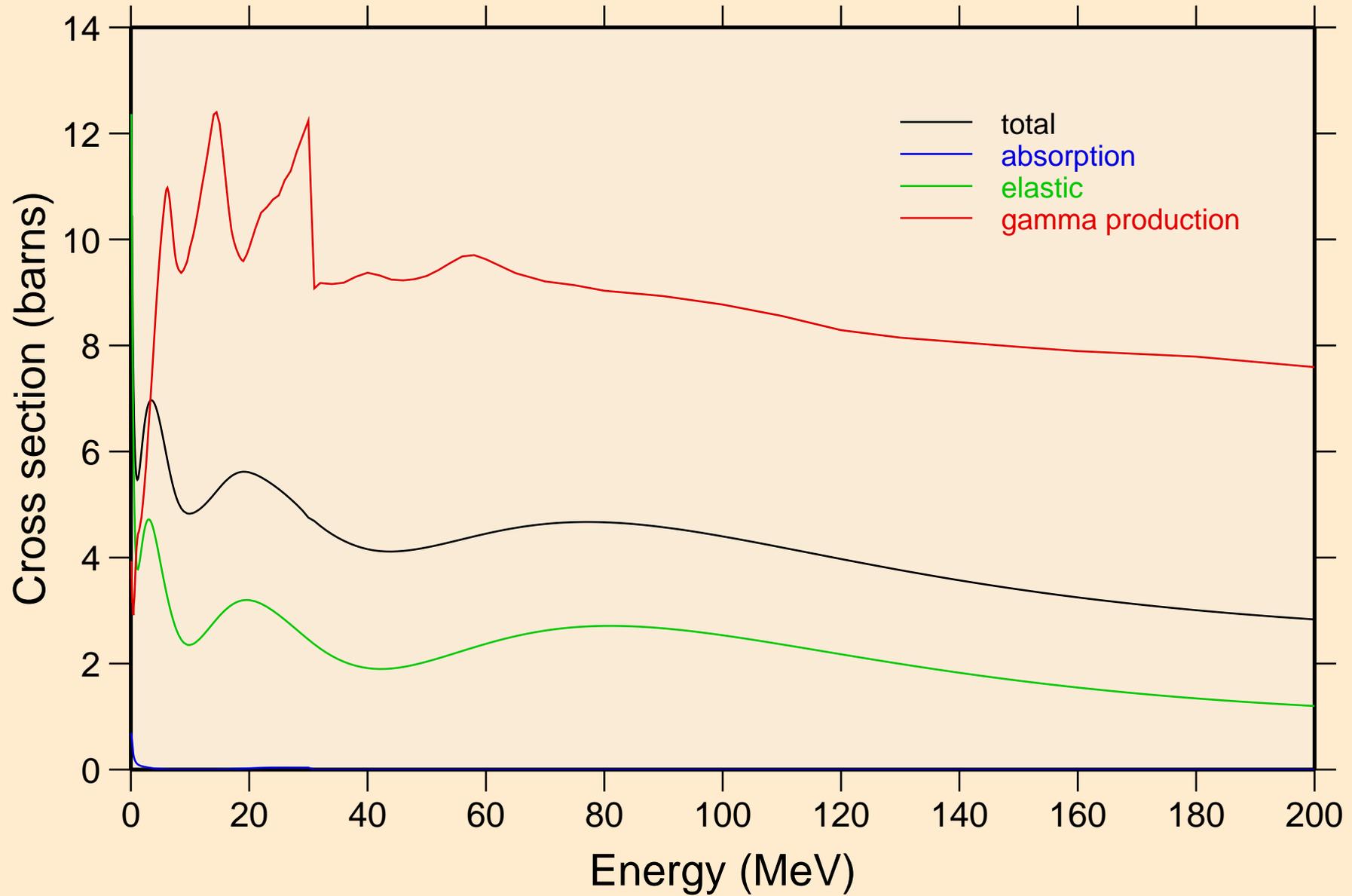
# OS191 NRG TENDL-2015, AKONING

## Non-threshold reactions



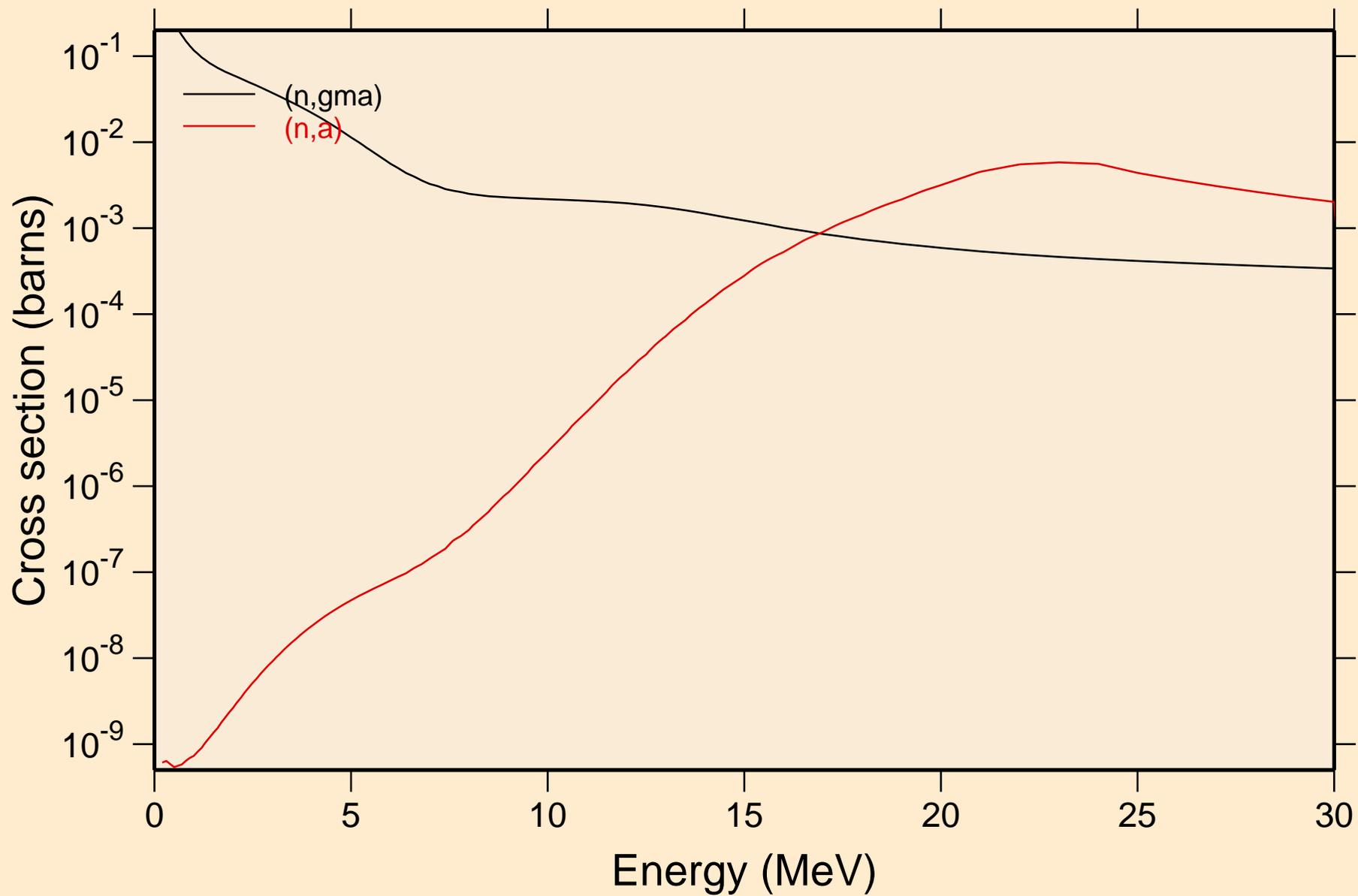
# OS191 NRG TENDL-2015, AKONING

## Principal cross sections



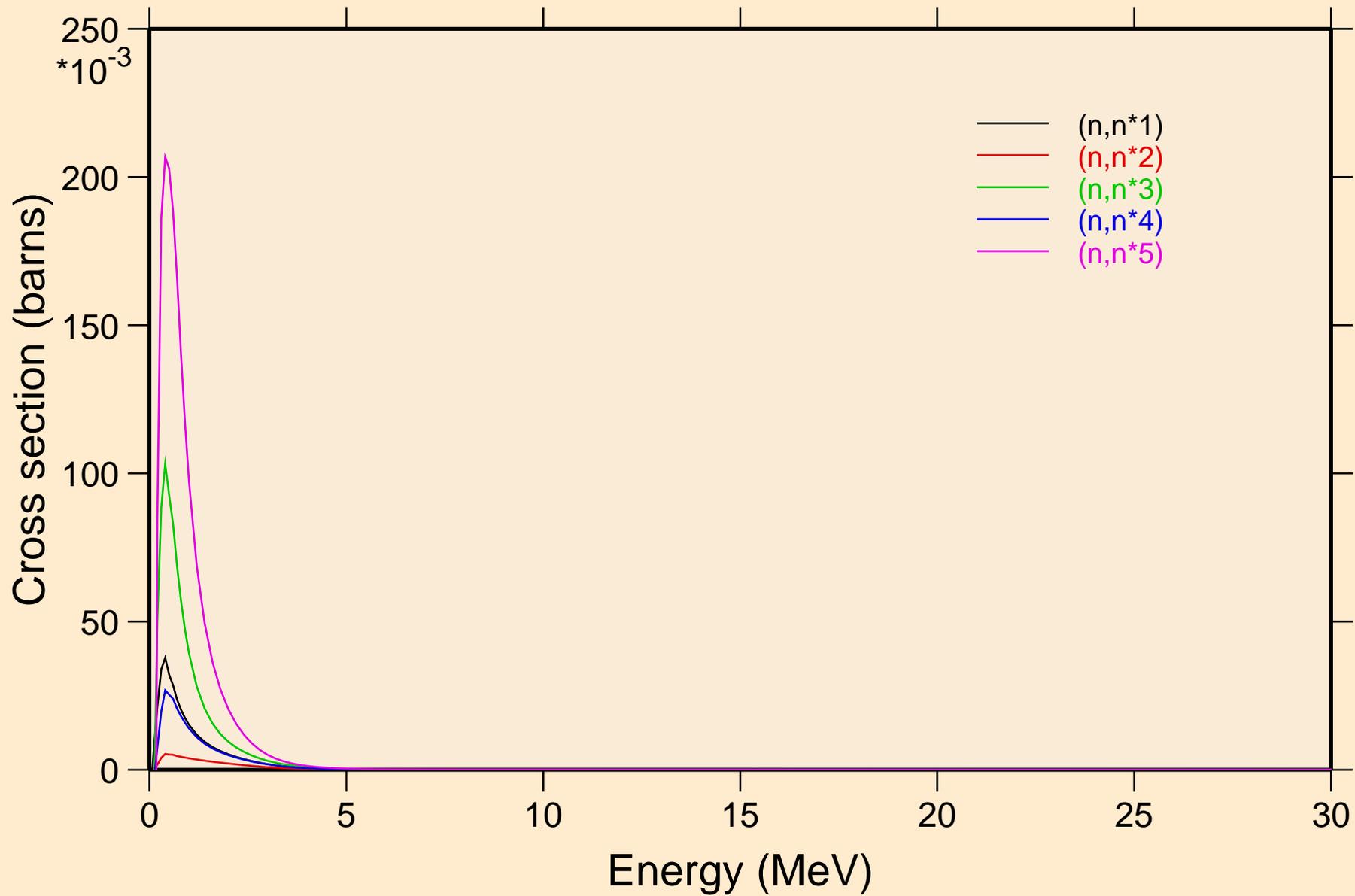
# OS191 NRG TENDL-2015, AKONING

## Non-threshold reactions



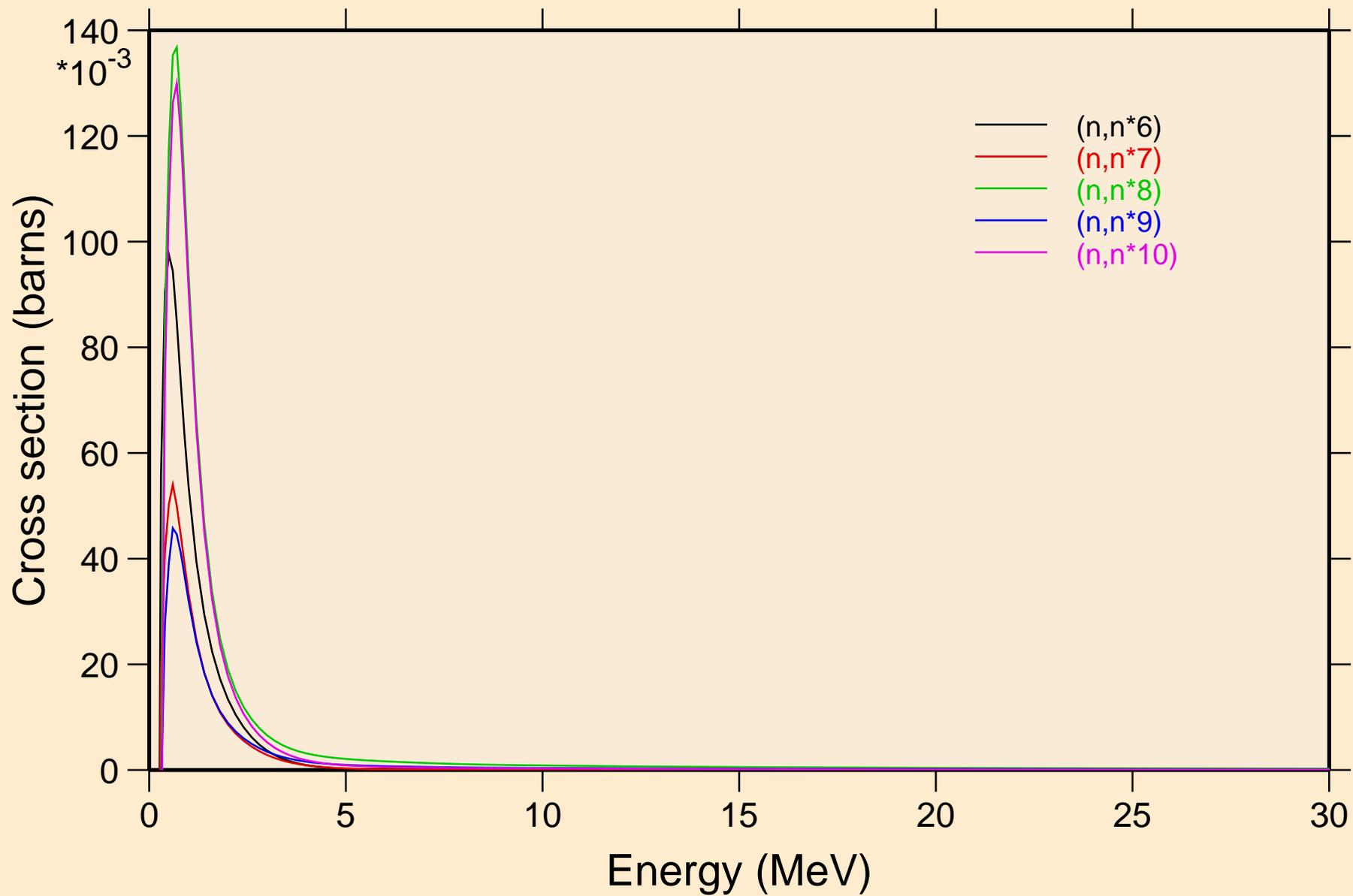
# OS191 NRG TENDL-2015, AKONING

## Inelastic levels



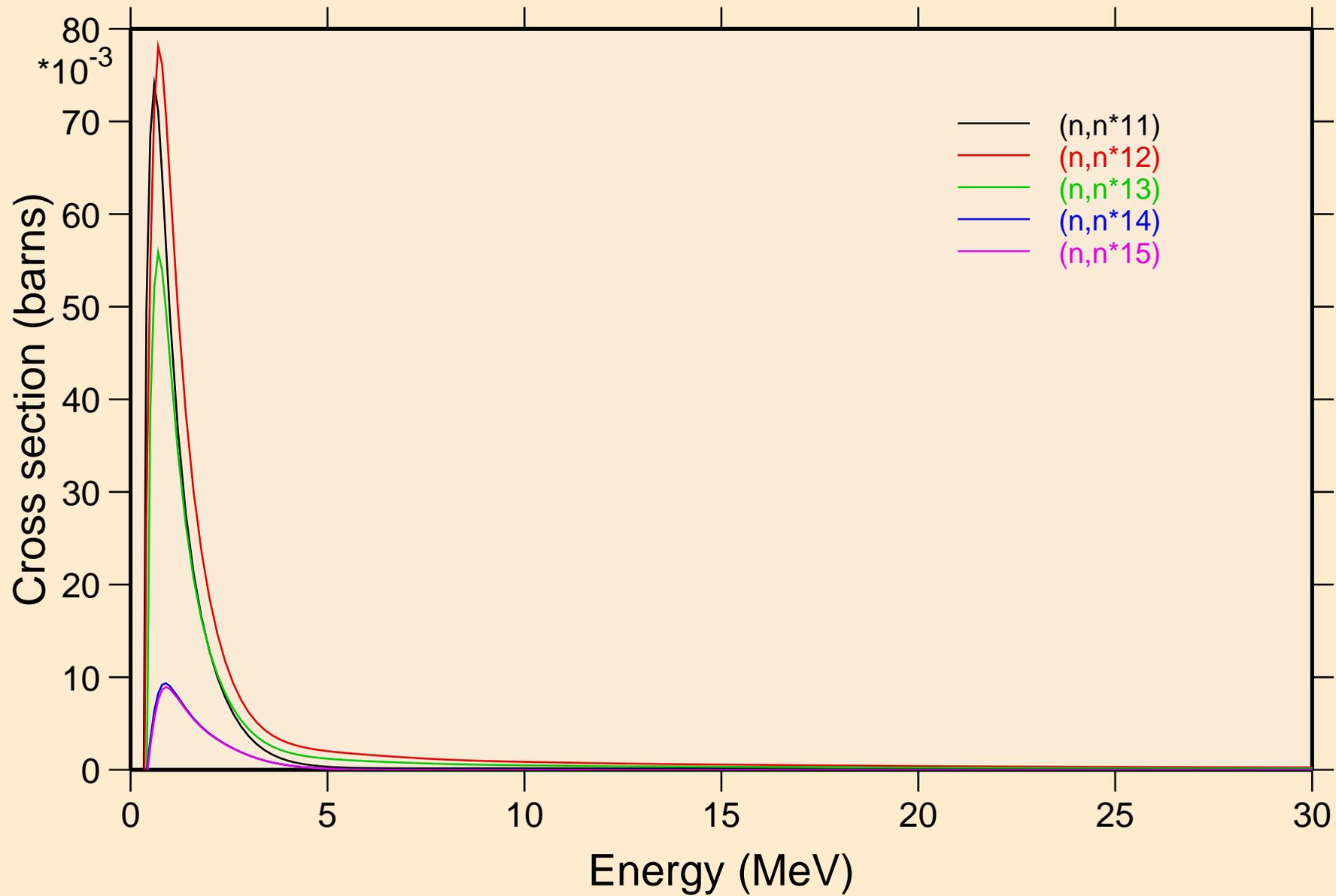
# OS191 NRG TENDL-2015, AKONING

## Inelastic levels



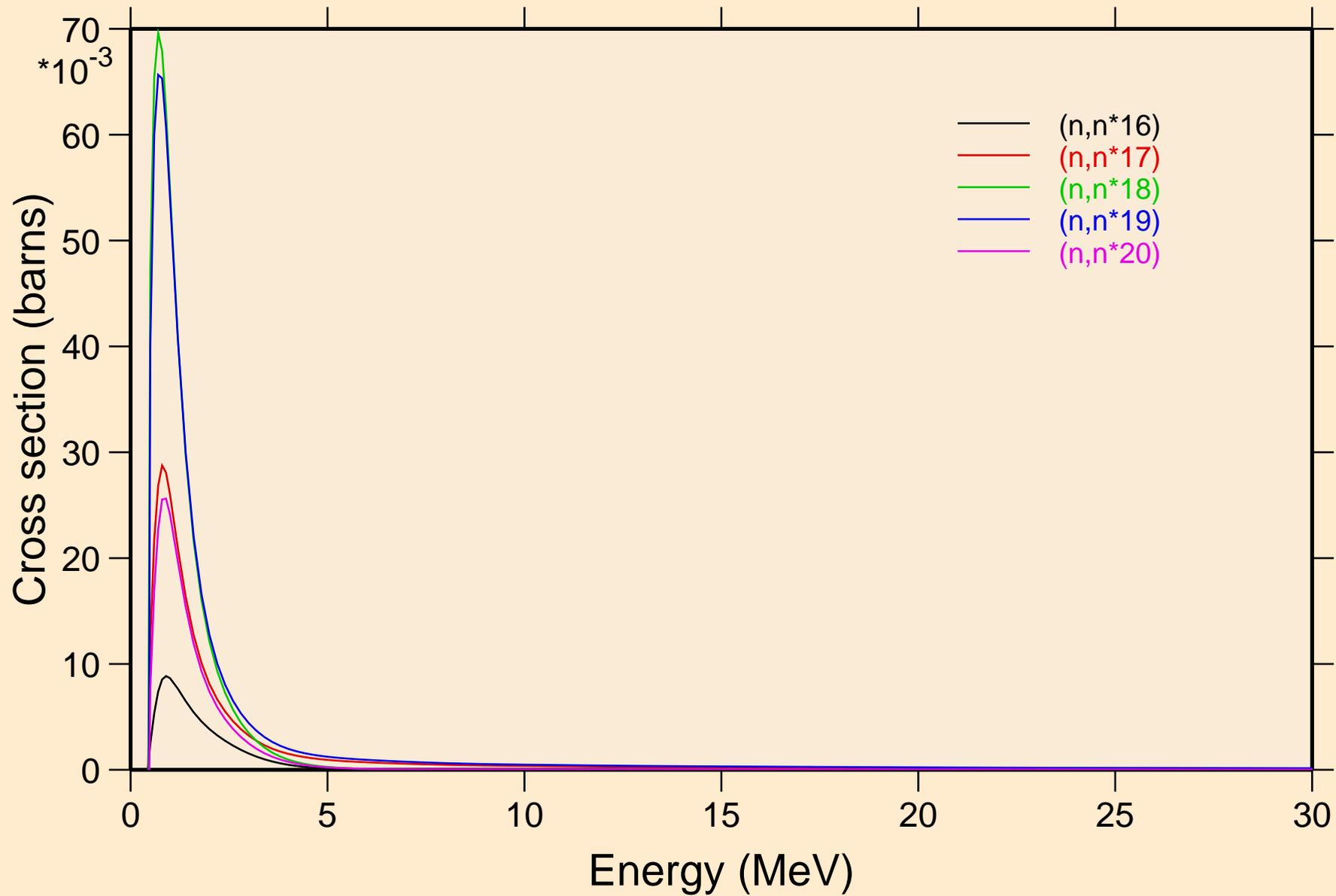
# OS191 NRG TENDL-2015, AKONING

## Inelastic levels



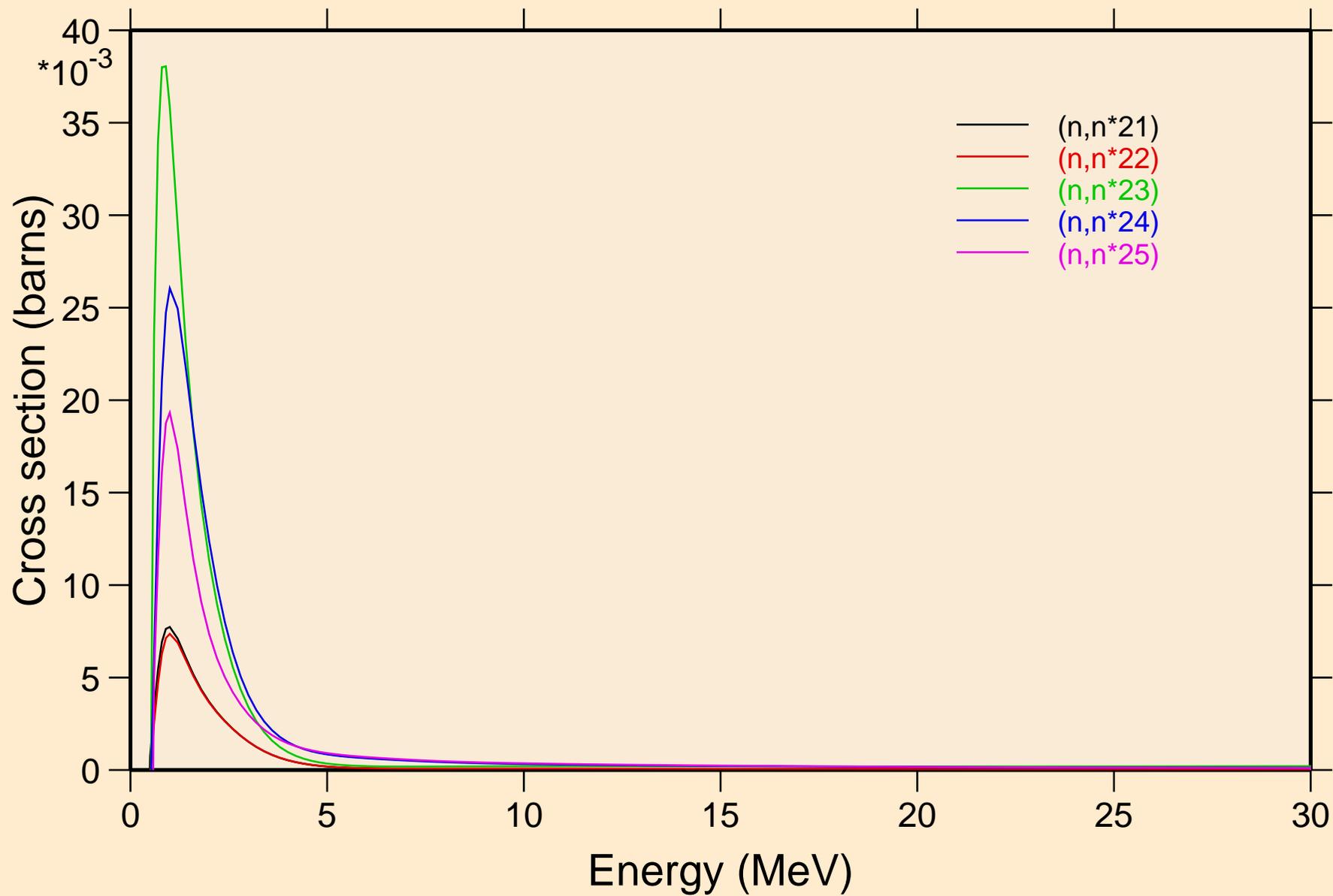
# OS191 NRG TENDL-2015, AKONING

## Inelastic levels



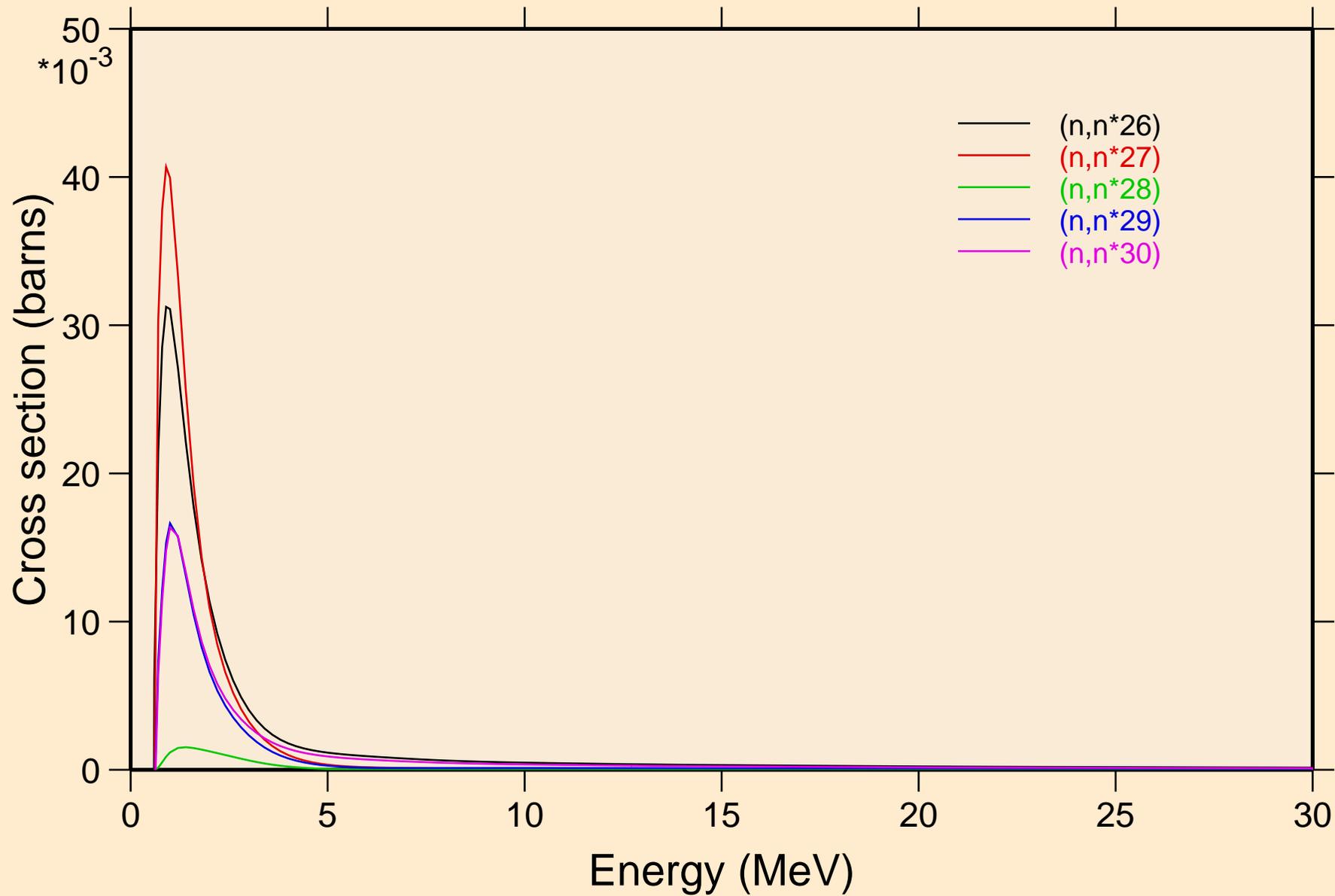
# OS191 NRG TENDL-2015, AKONING

## Inelastic levels



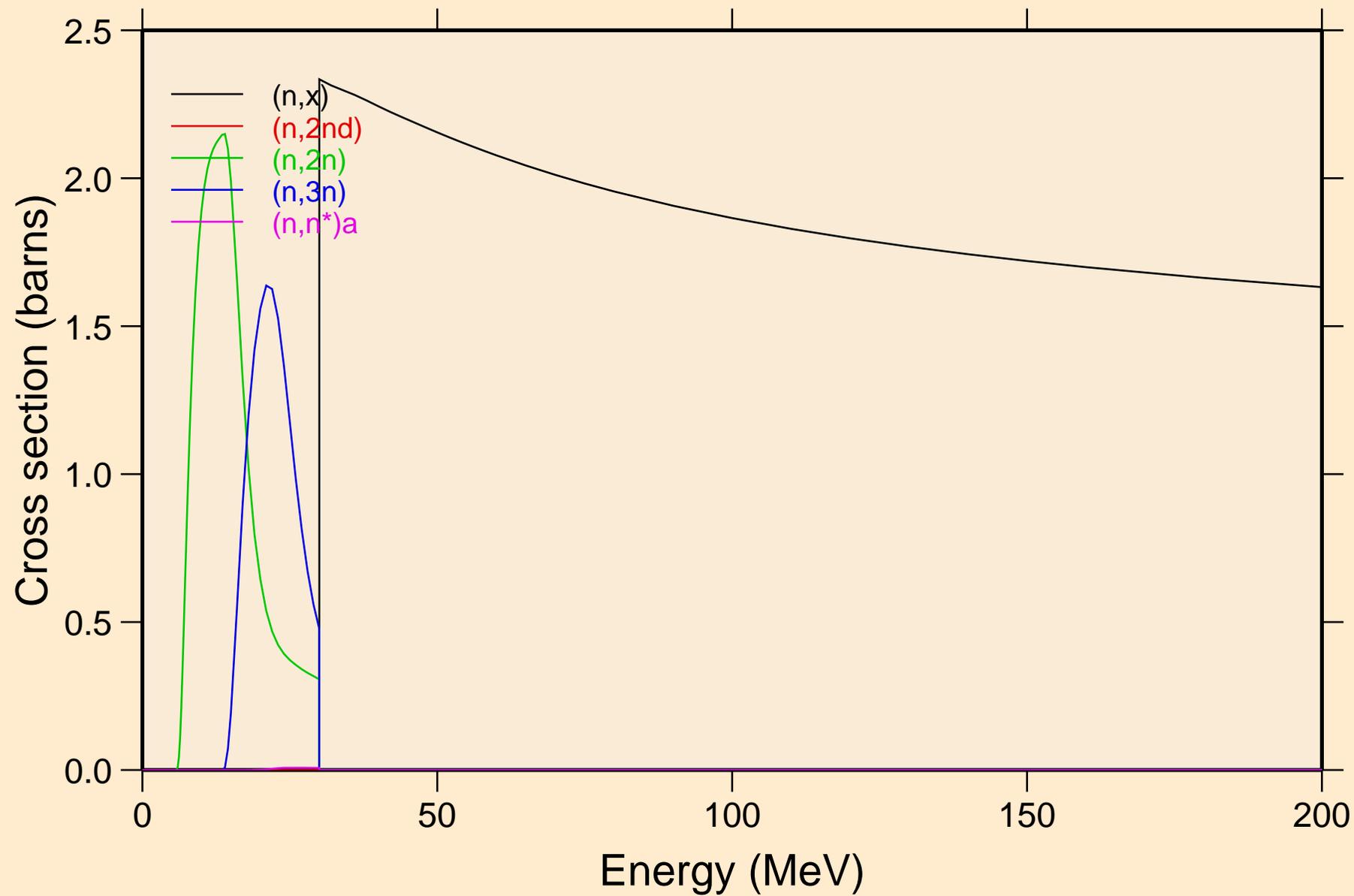
# OS191 NRG TENDL-2015, AKONING

## Inelastic levels



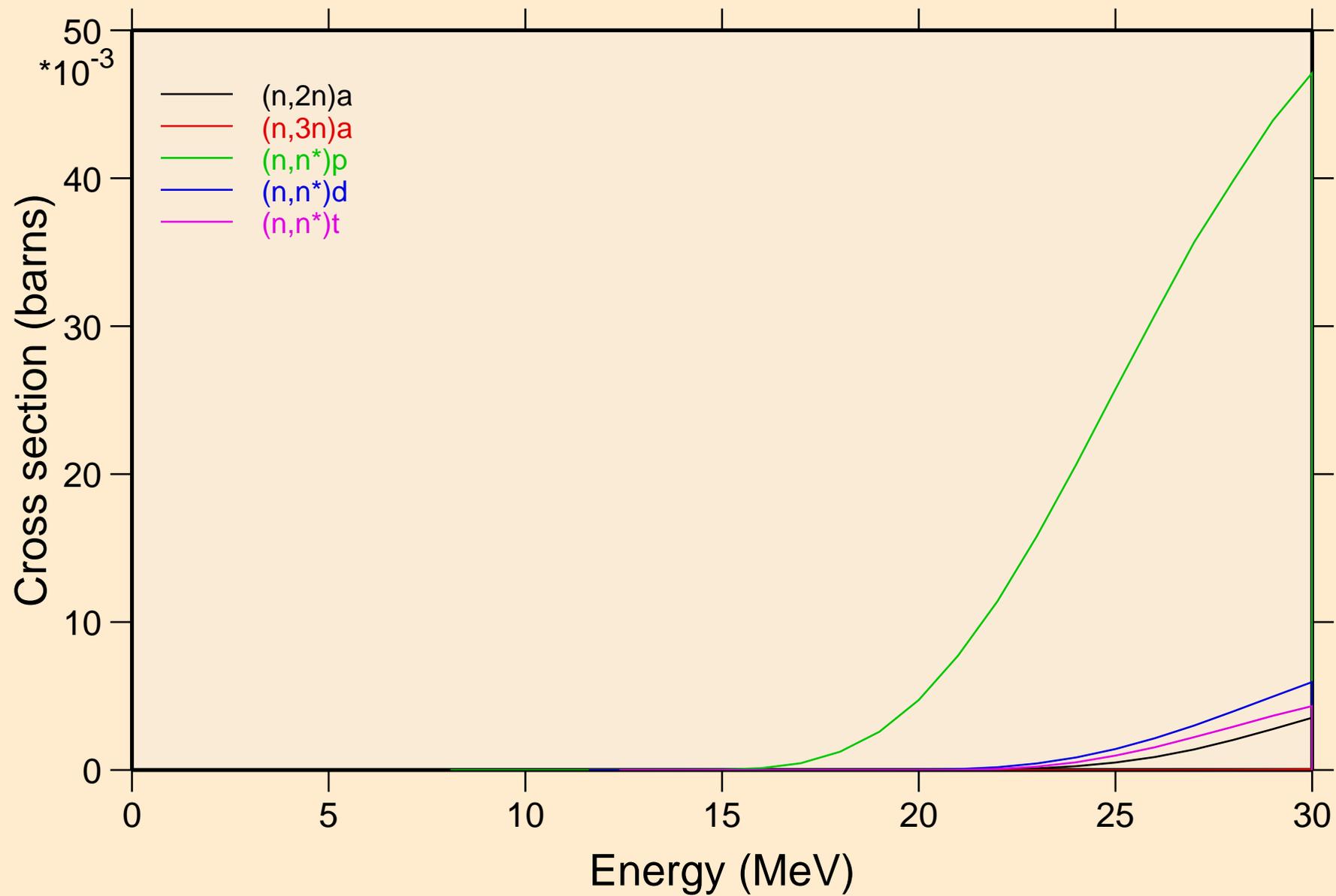
# OS191 NRG TENDL-2015, AKONING

## Threshold reactions



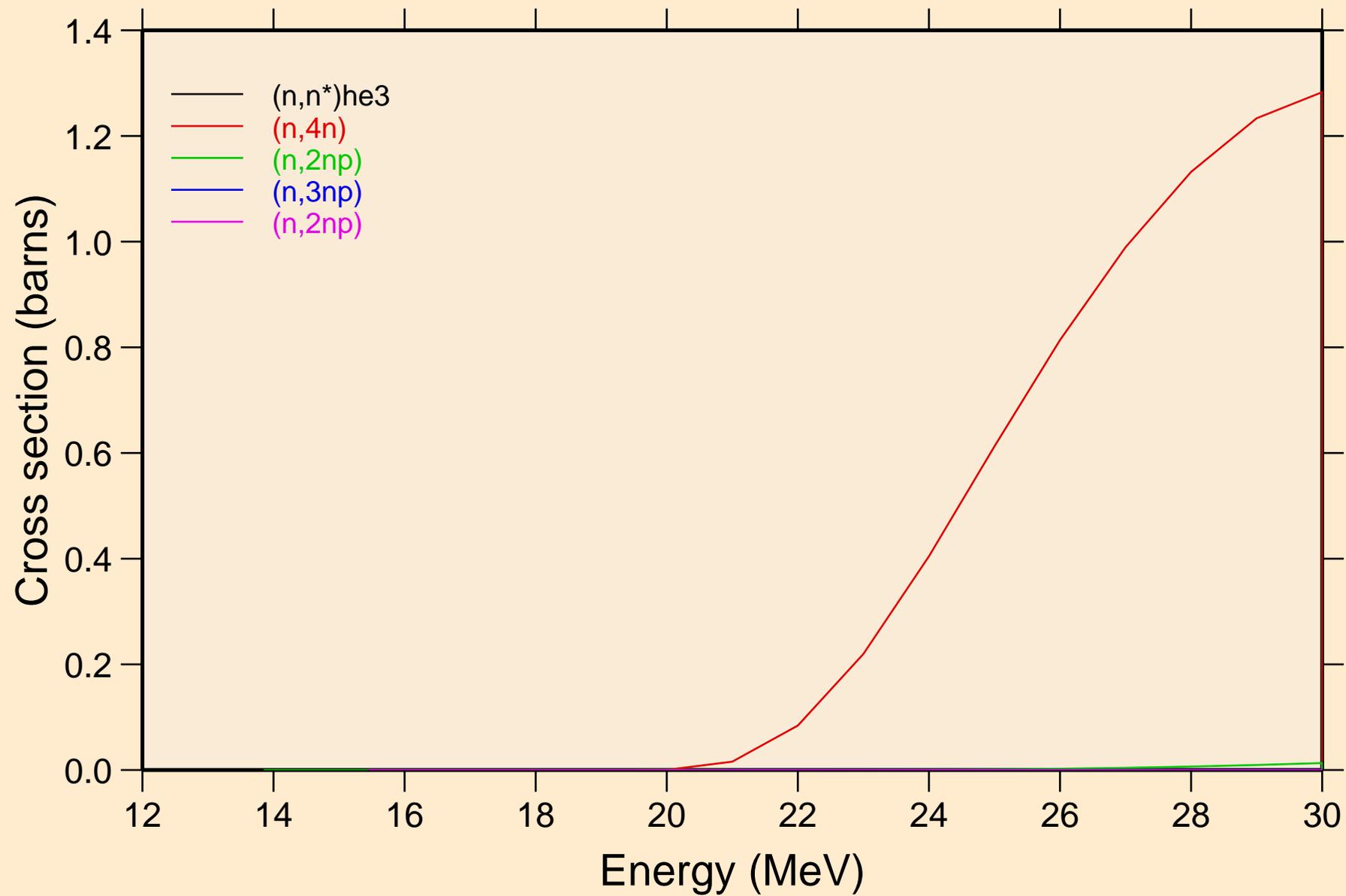
# OS191 NRG TENDL-2015, AKONING

## Threshold reactions



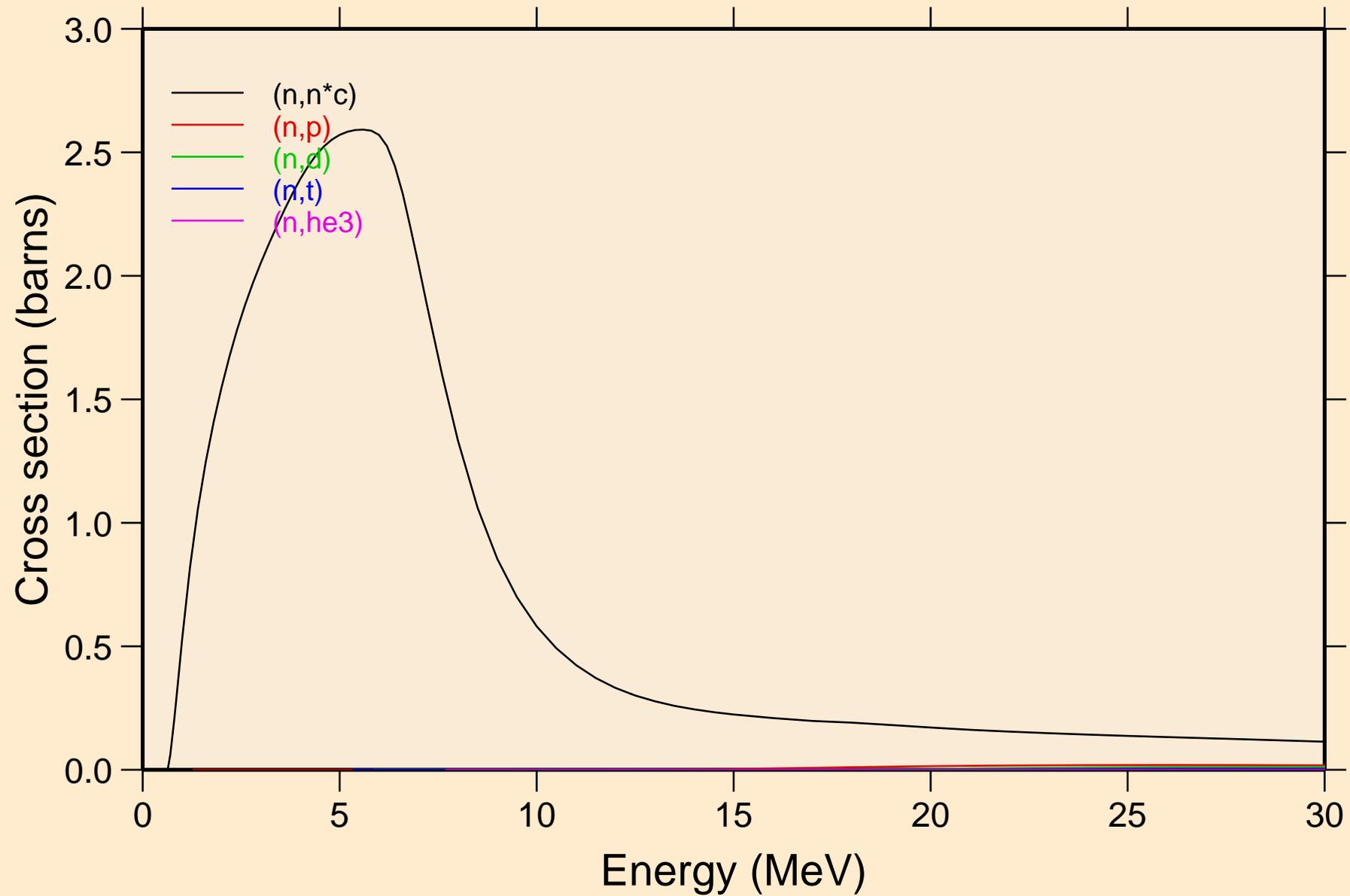
# OS191 NRG TENDL-2015, AKONING

## Threshold reactions



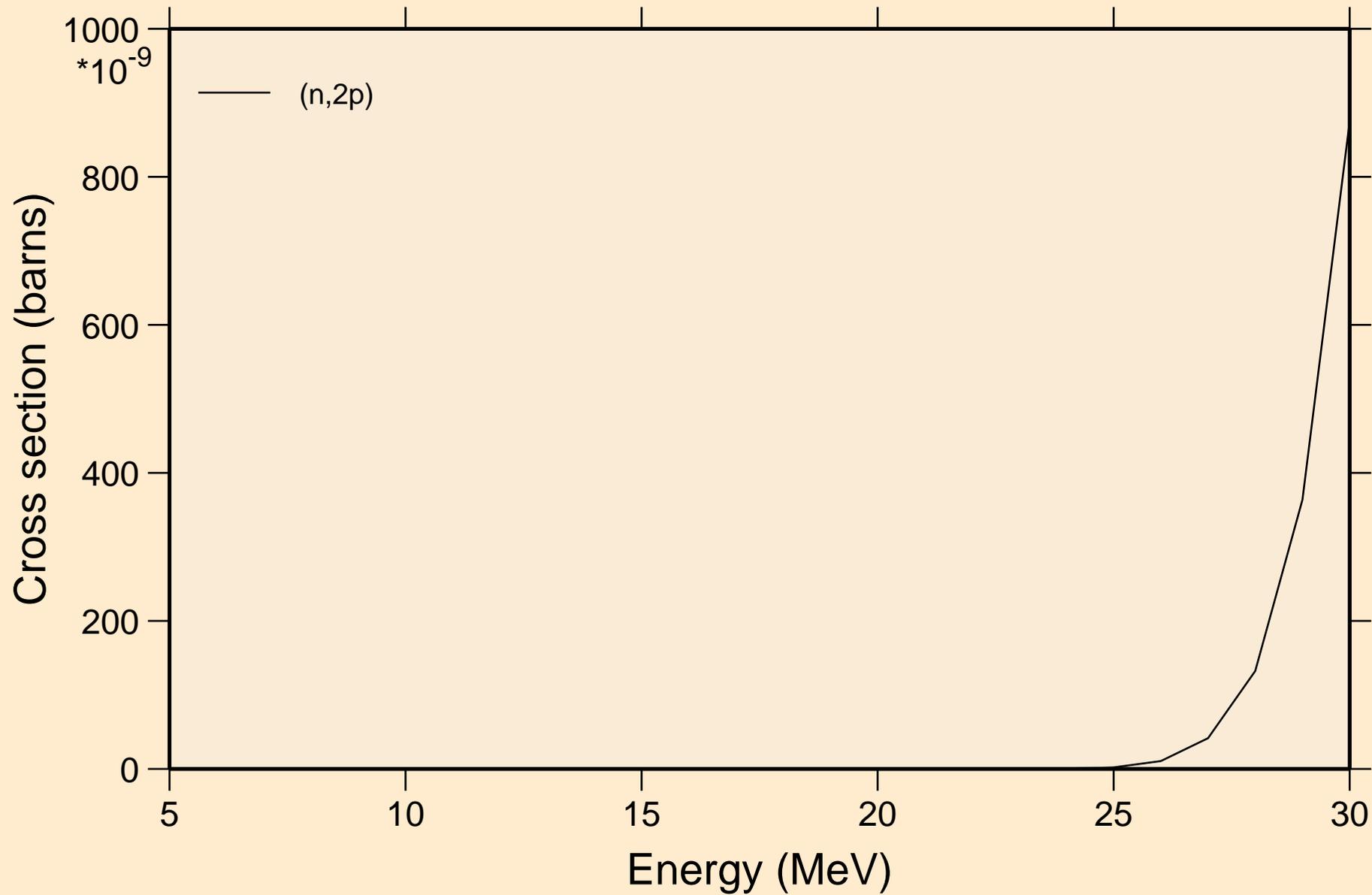
# OS191 NRG TENDL-2015, AKONING

## Threshold reactions

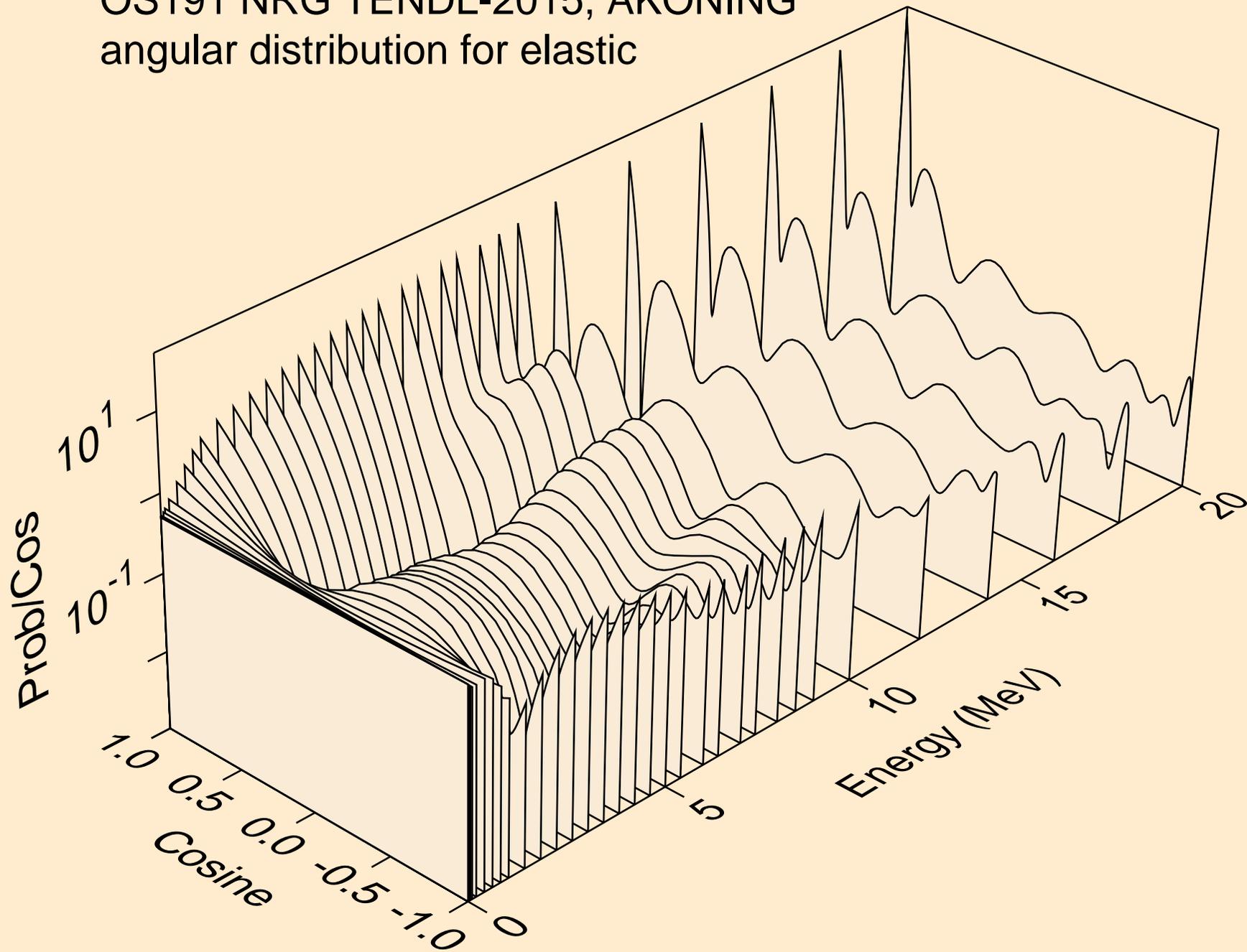


# OS191 NRG TENDL-2015, AKONING

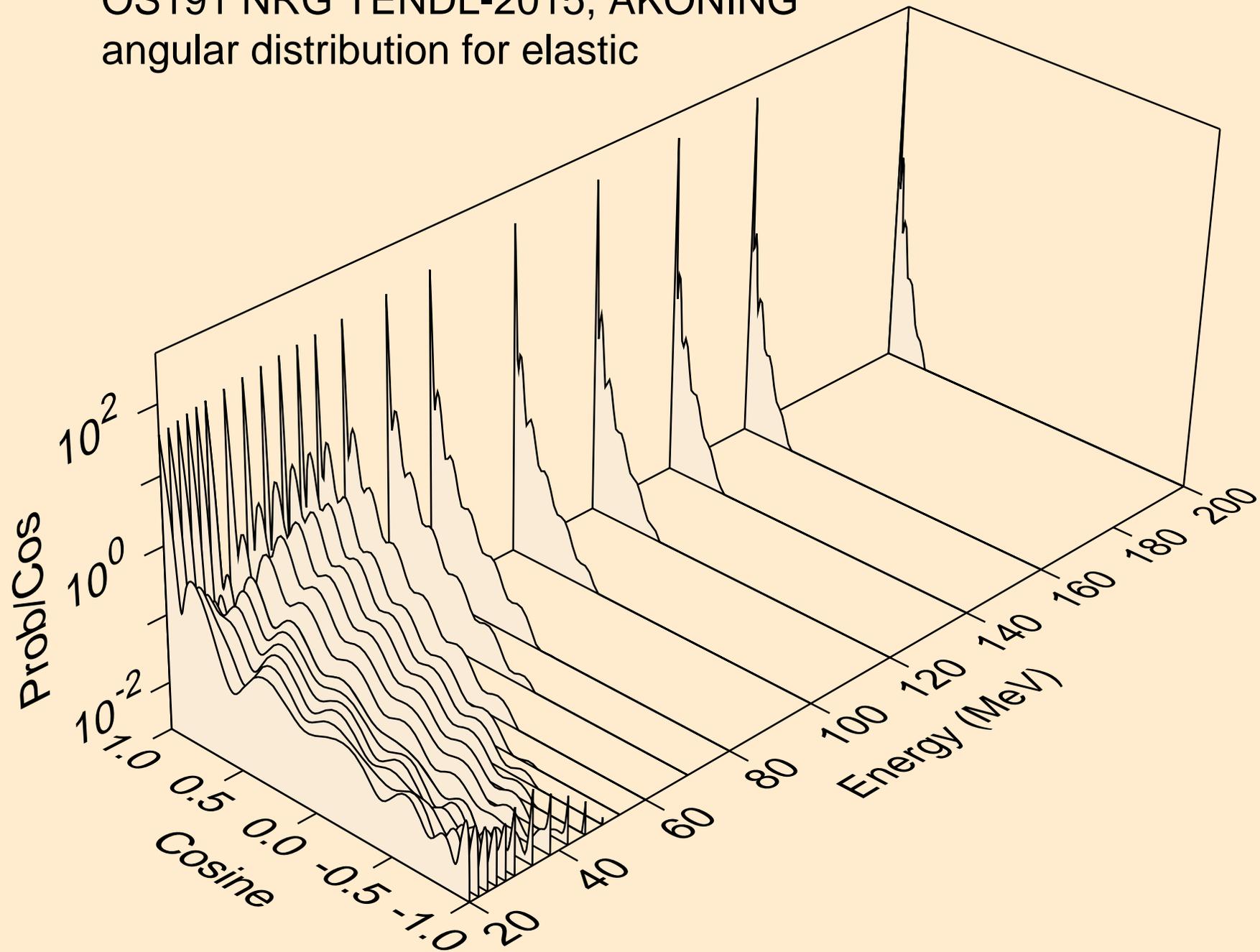
## Threshold reactions



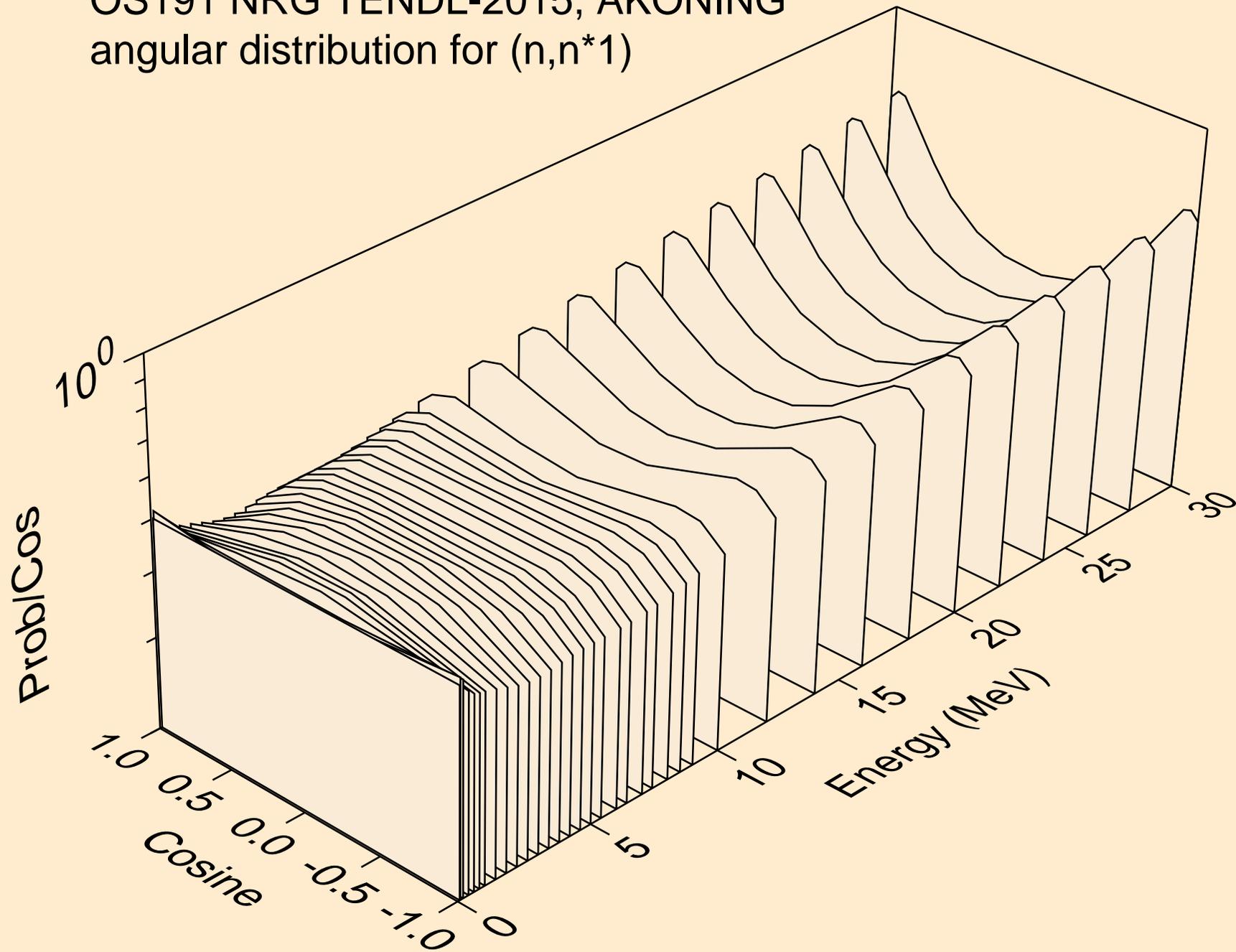
OS191 NRG TENDL-2015, AKONING  
angular distribution for elastic



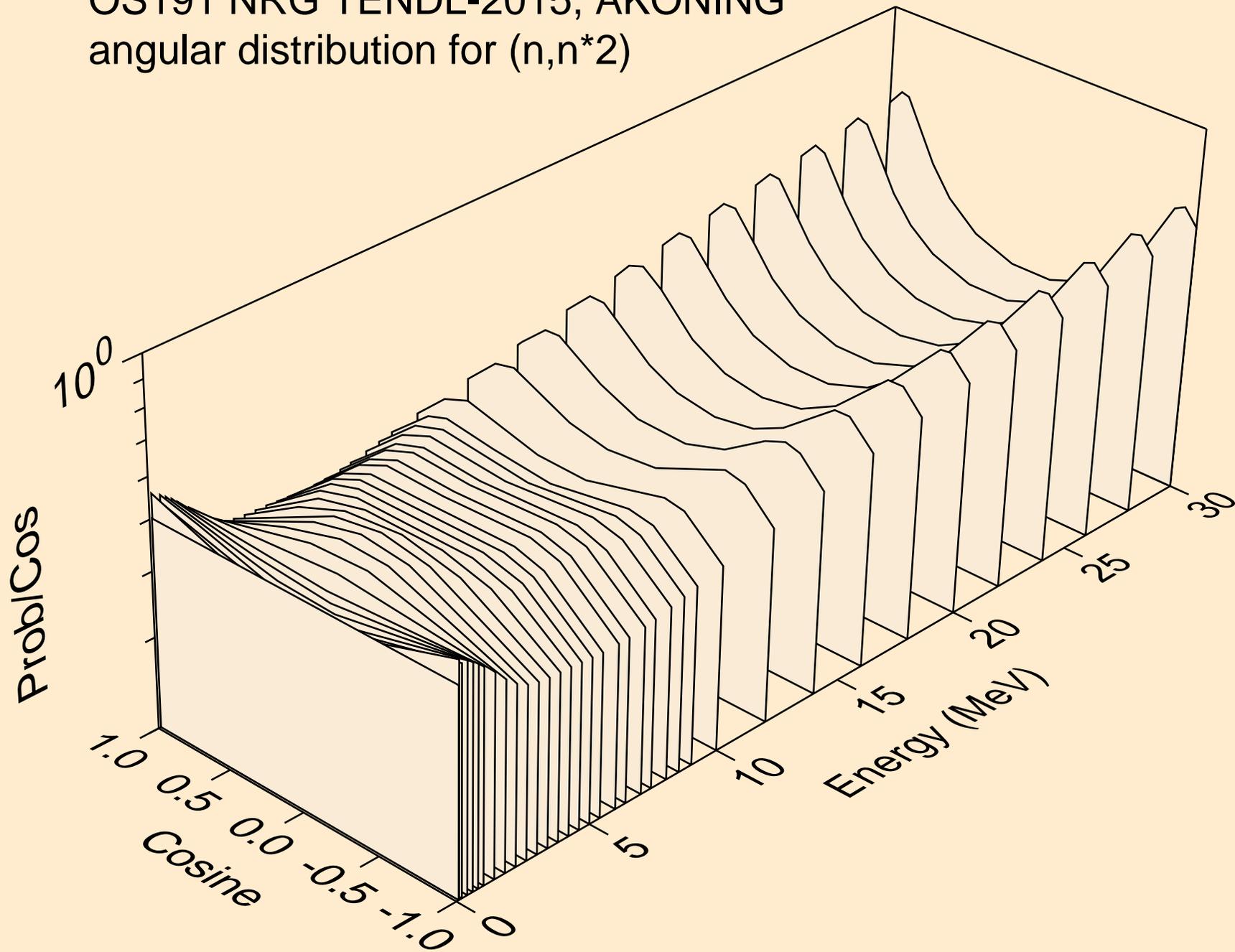
OS191 NRG TENDL-2015, AKONING  
angular distribution for elastic



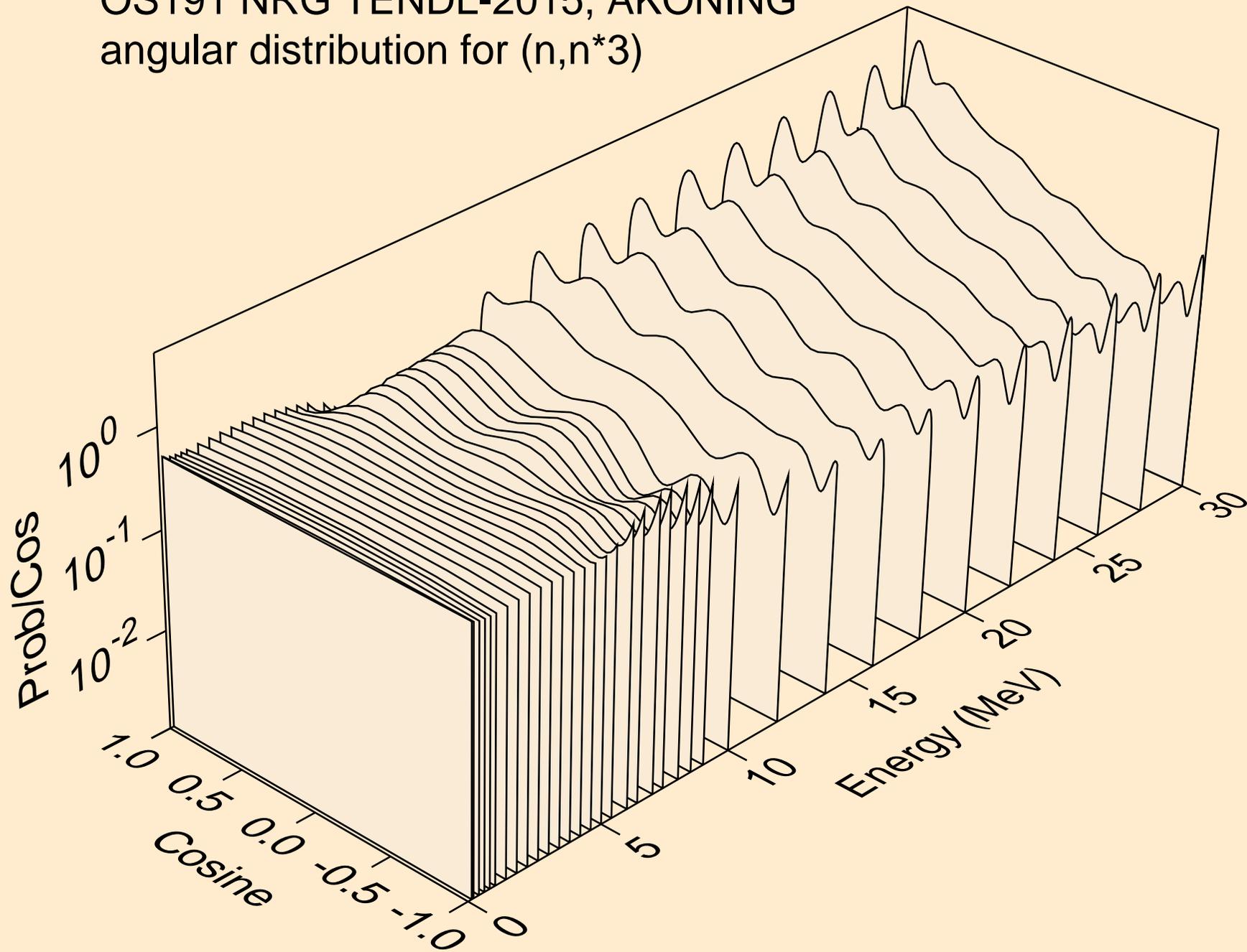
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



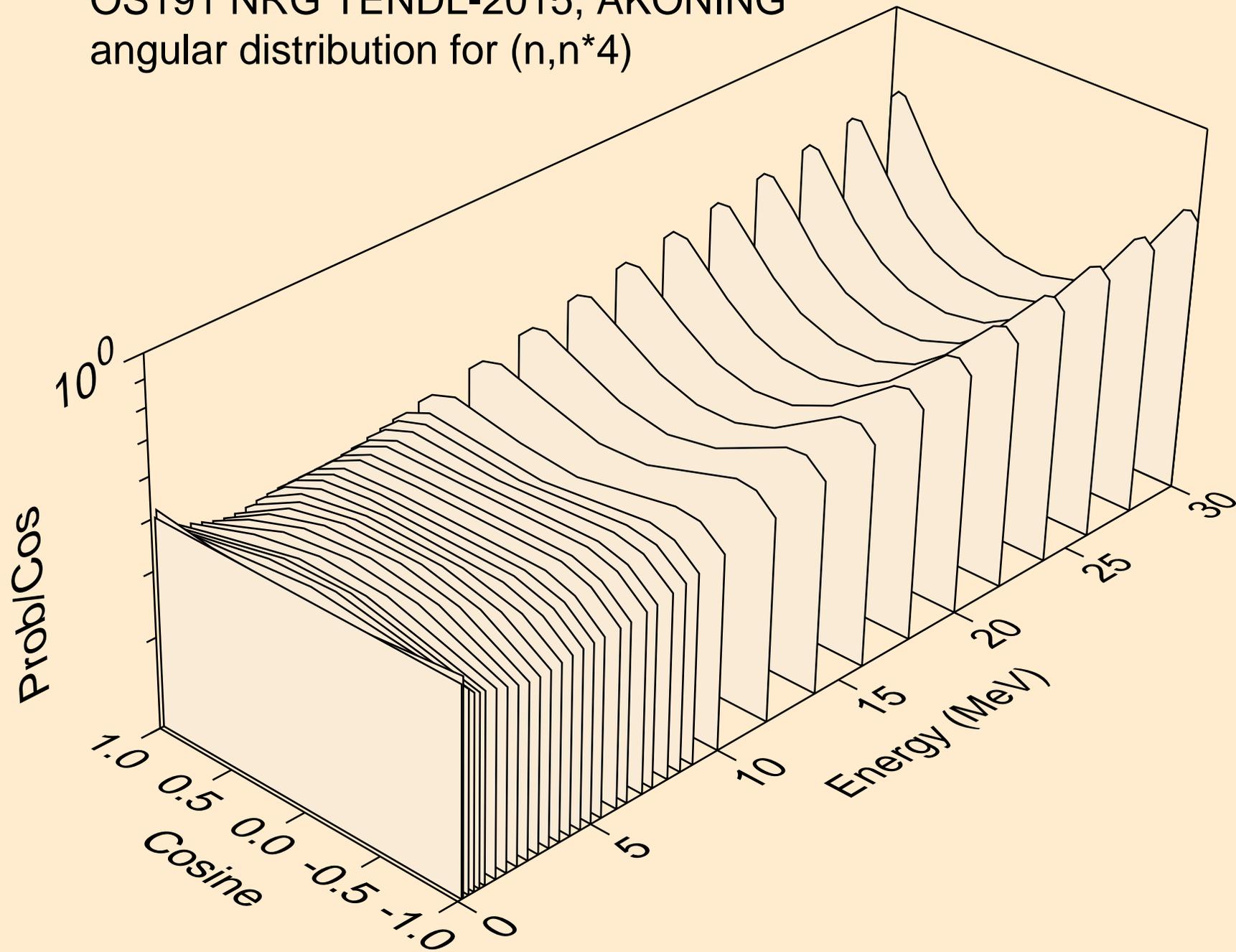
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



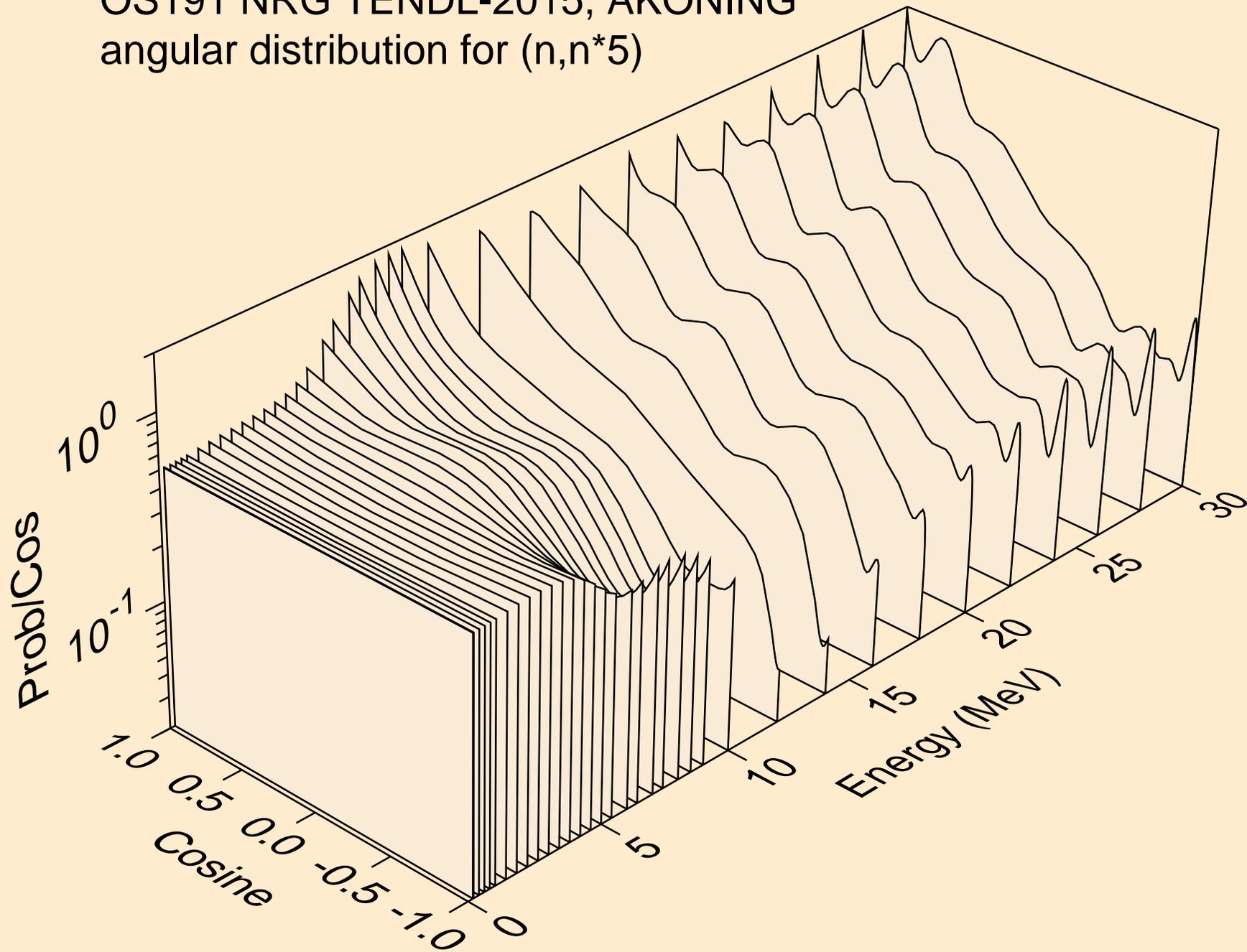
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angular distribution for (n,n\*3)



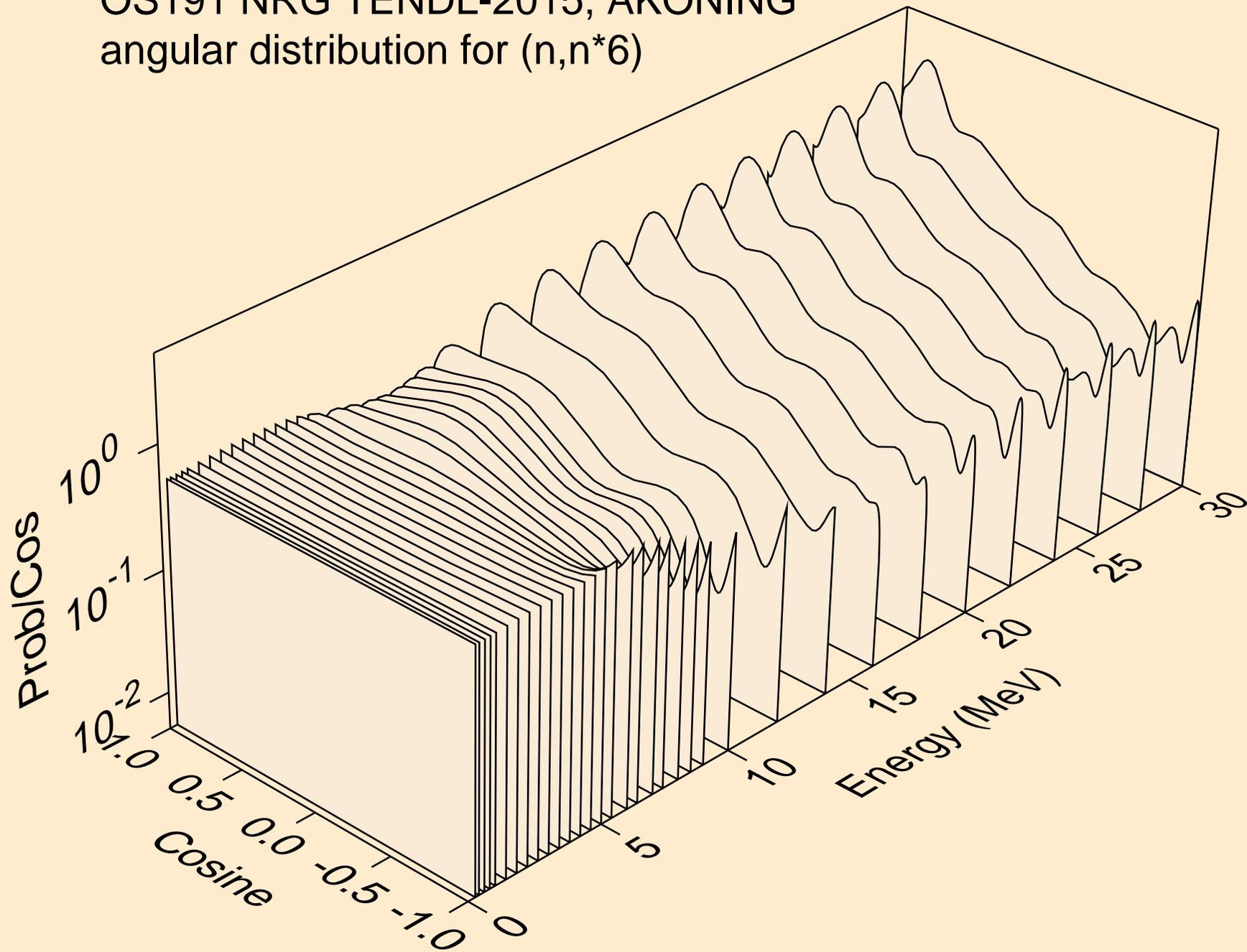
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



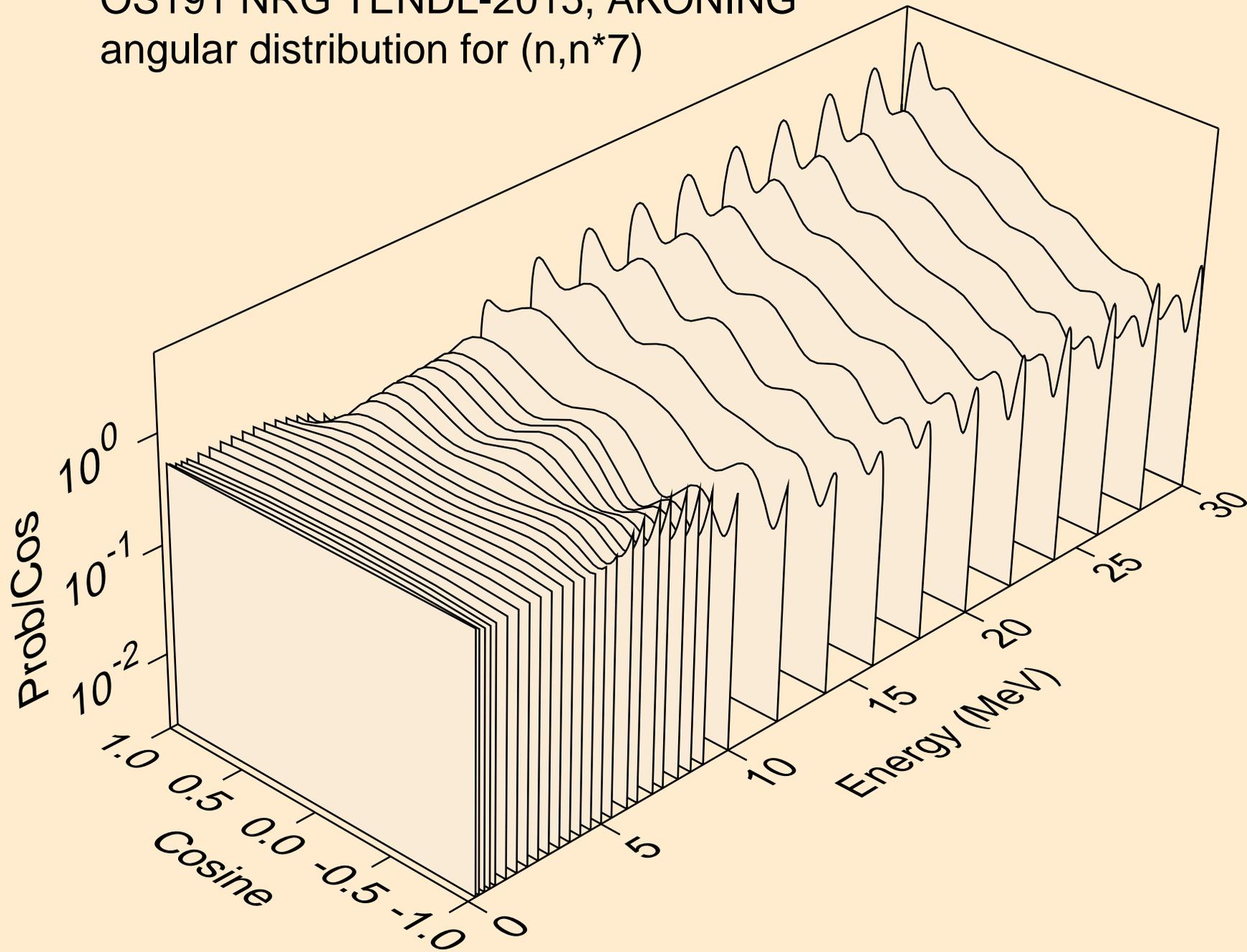
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



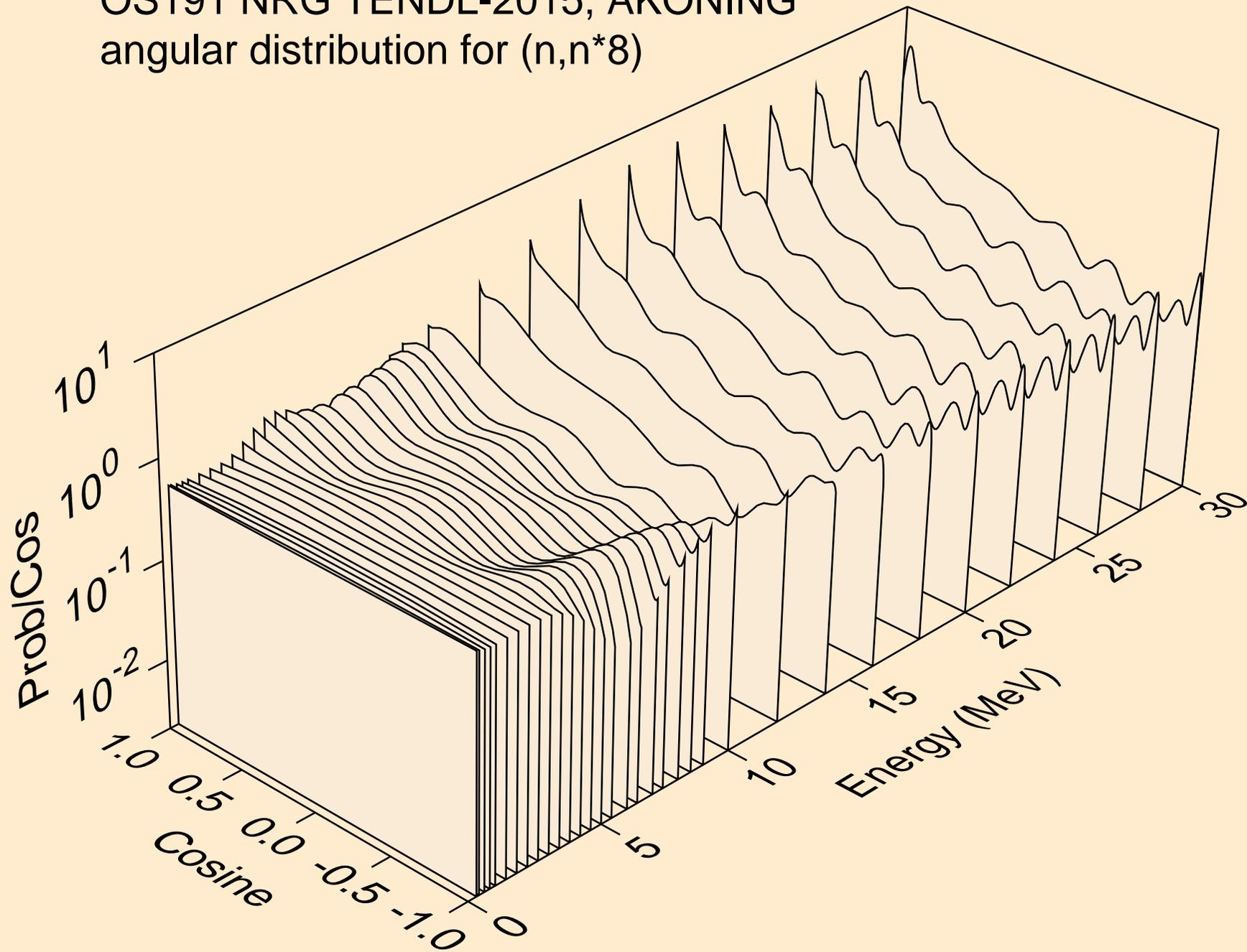
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



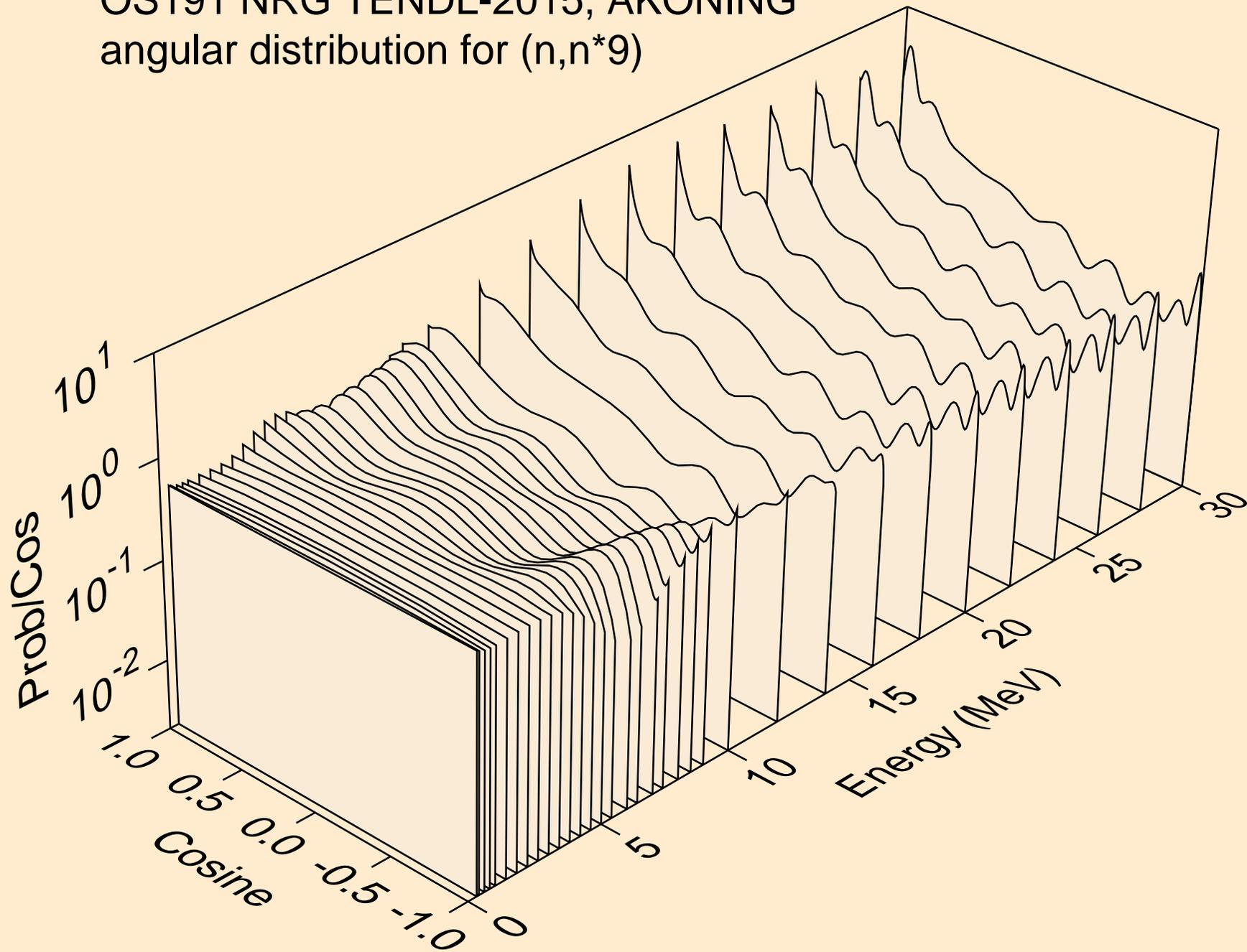
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



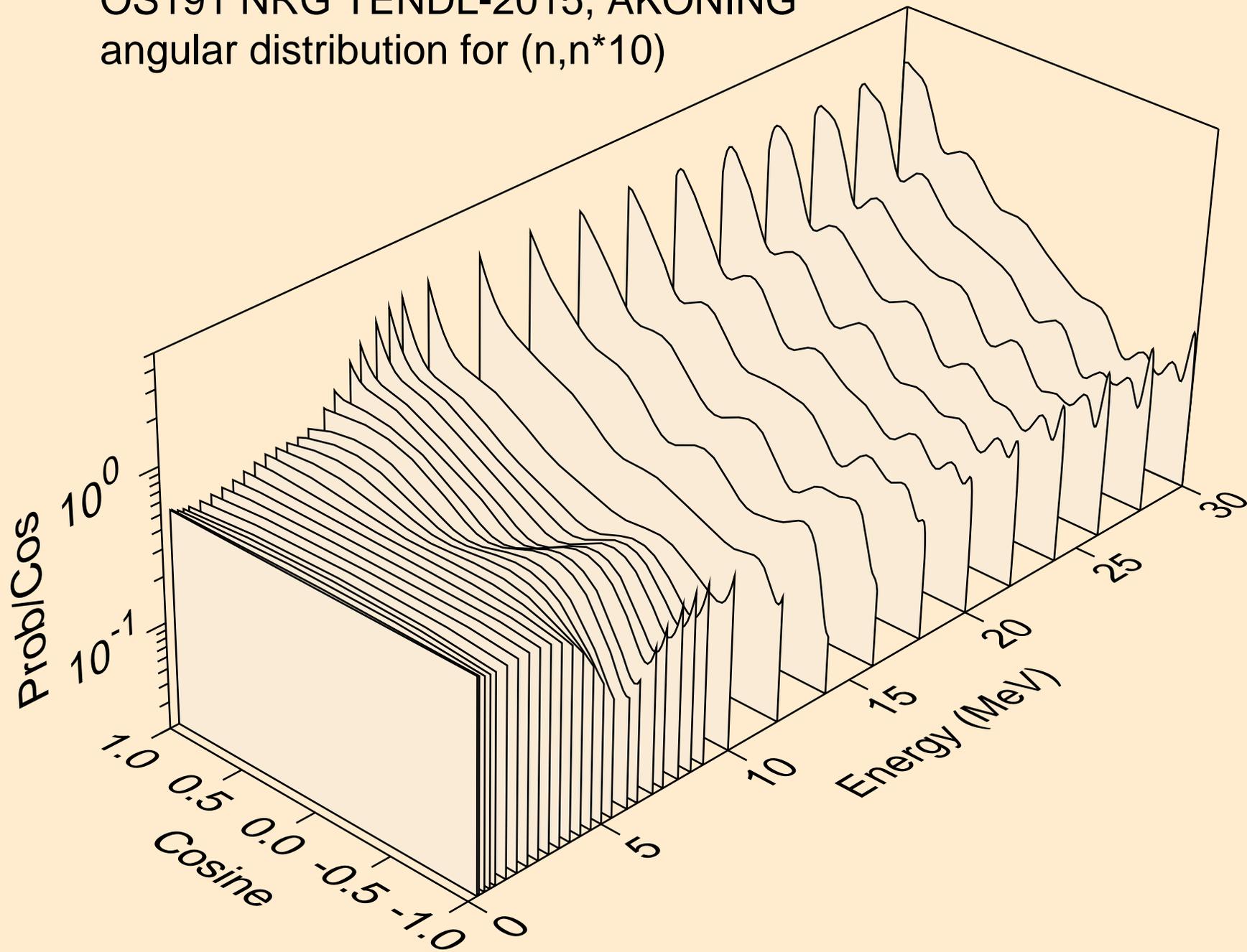
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



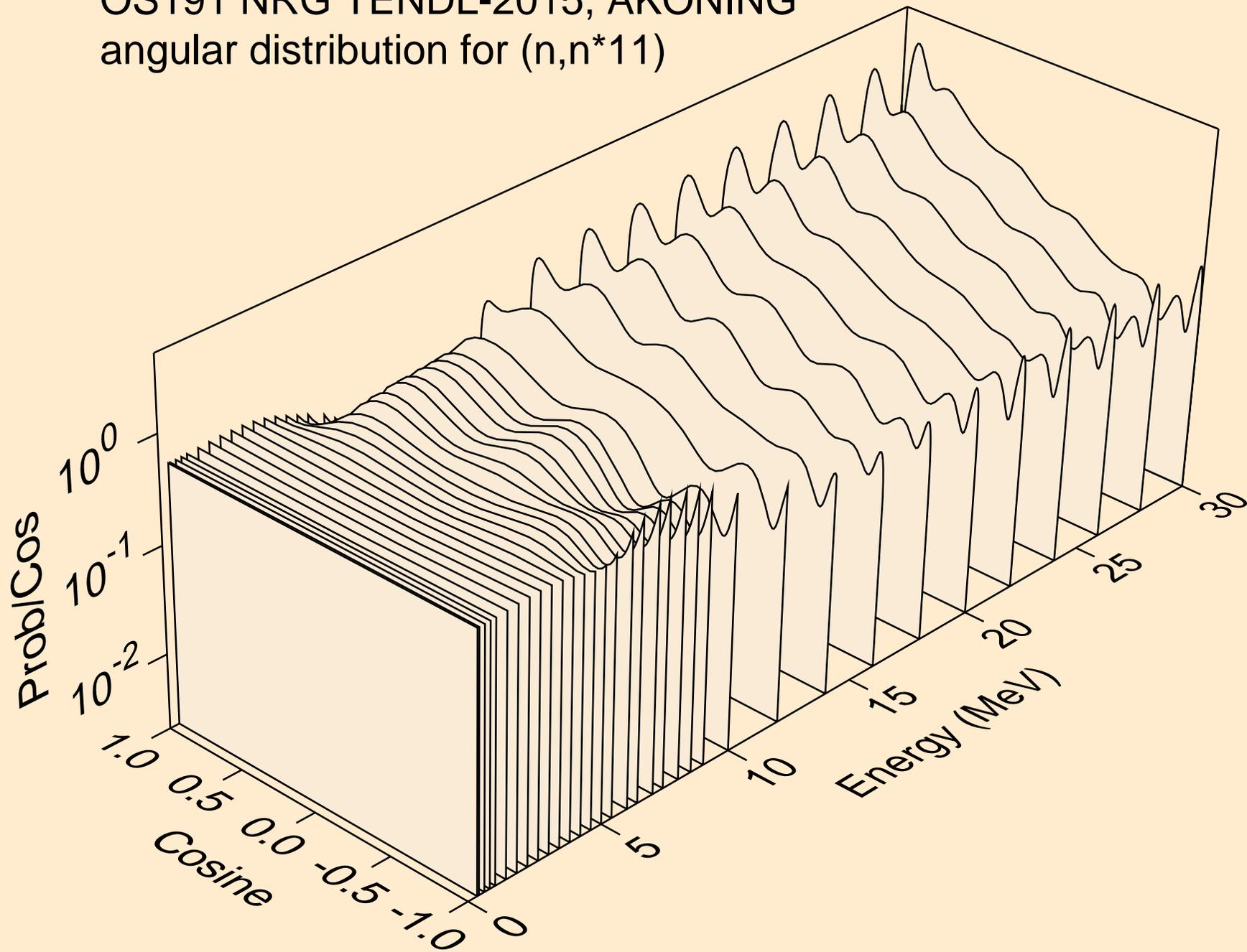
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



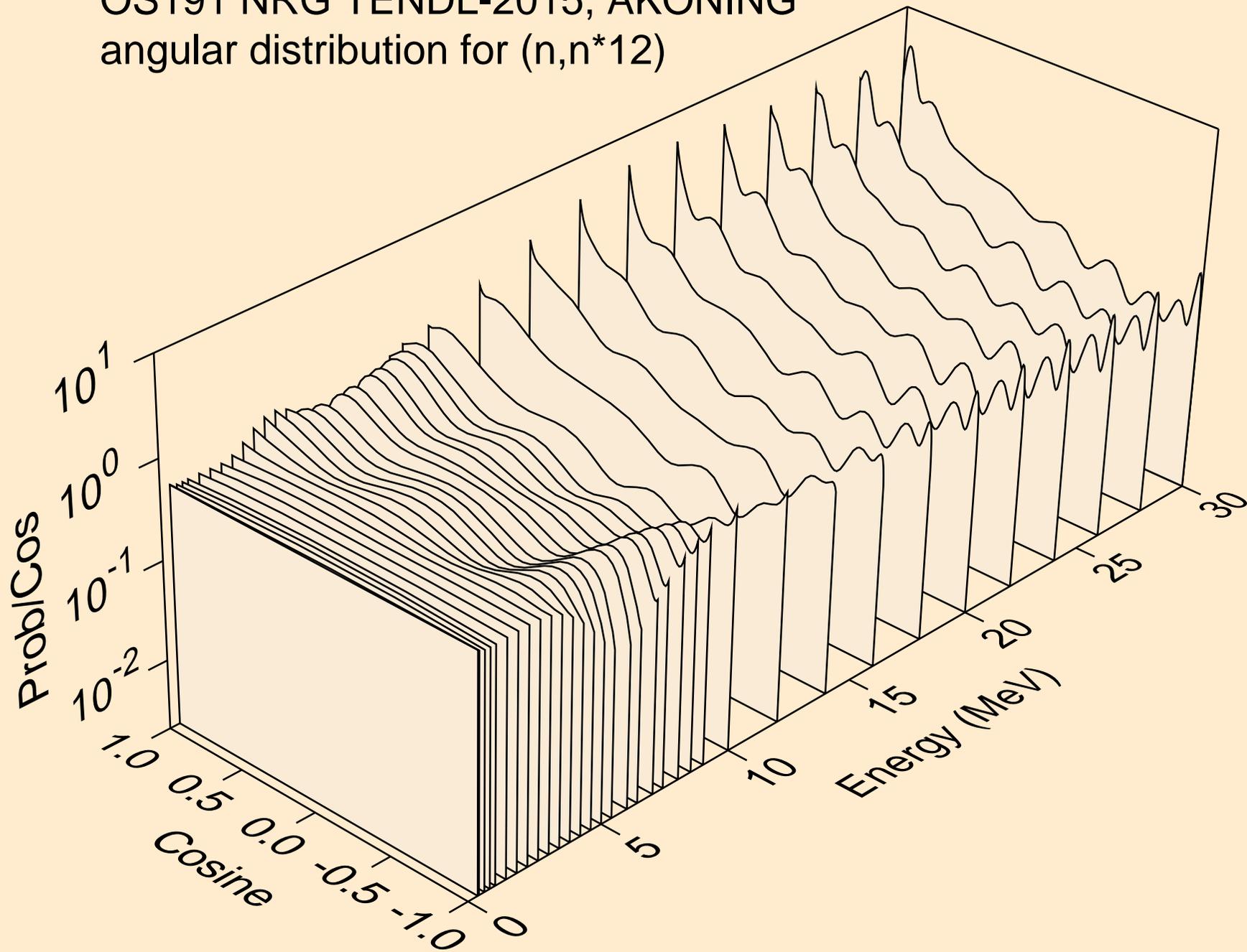
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angular distribution for (n,n\*10)



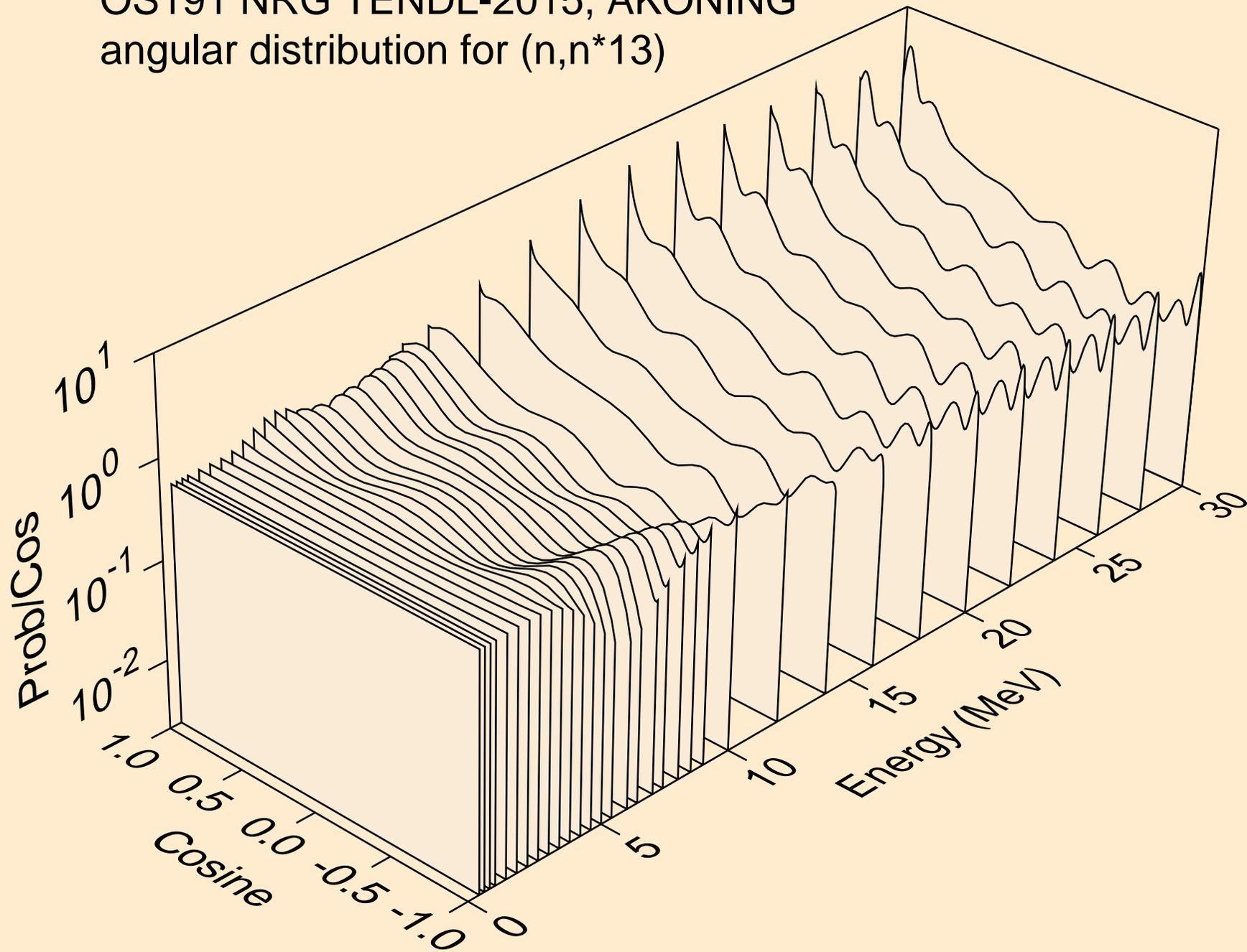
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angular distribution for (n,n\*11)



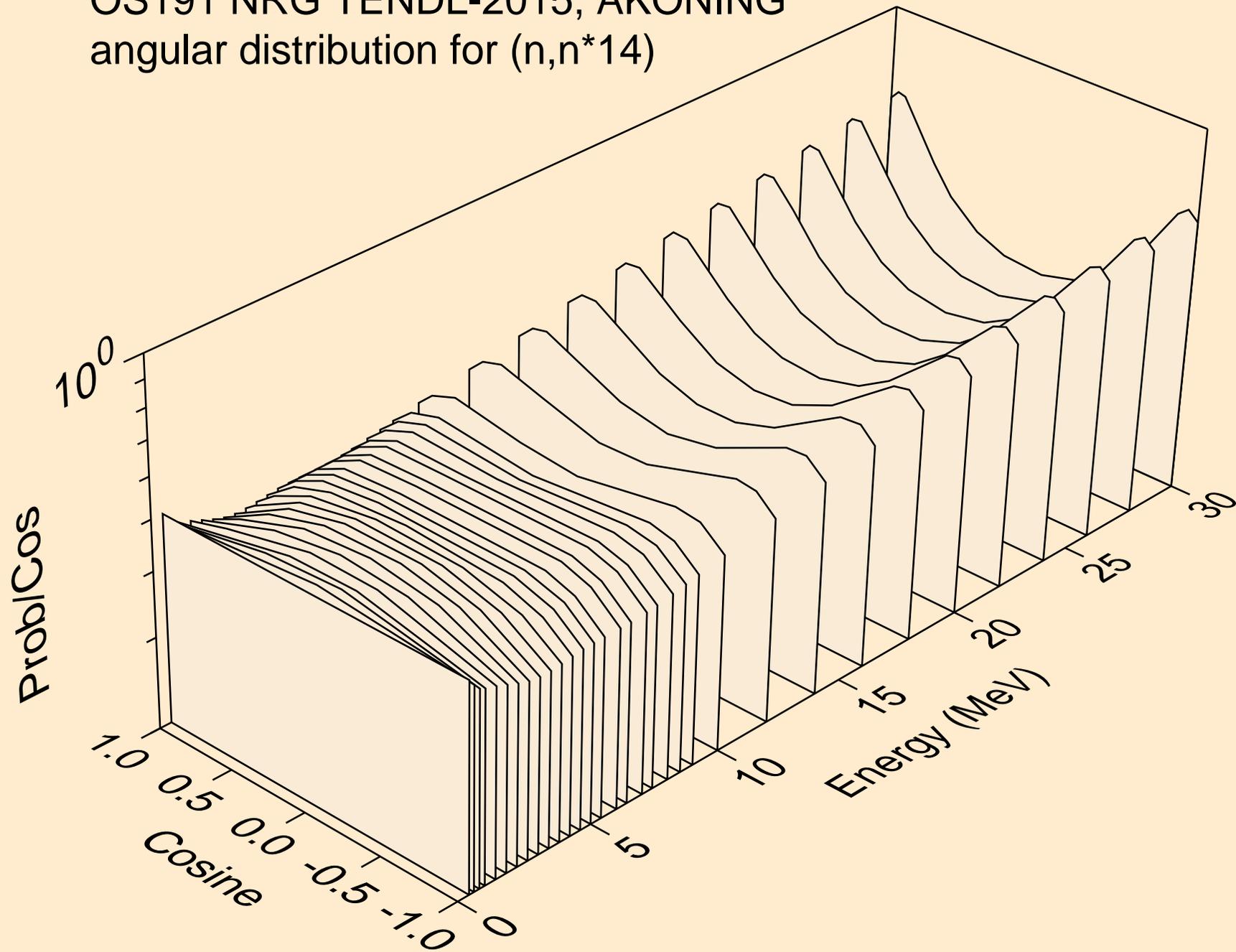
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angular distribution for (n,n\*12)



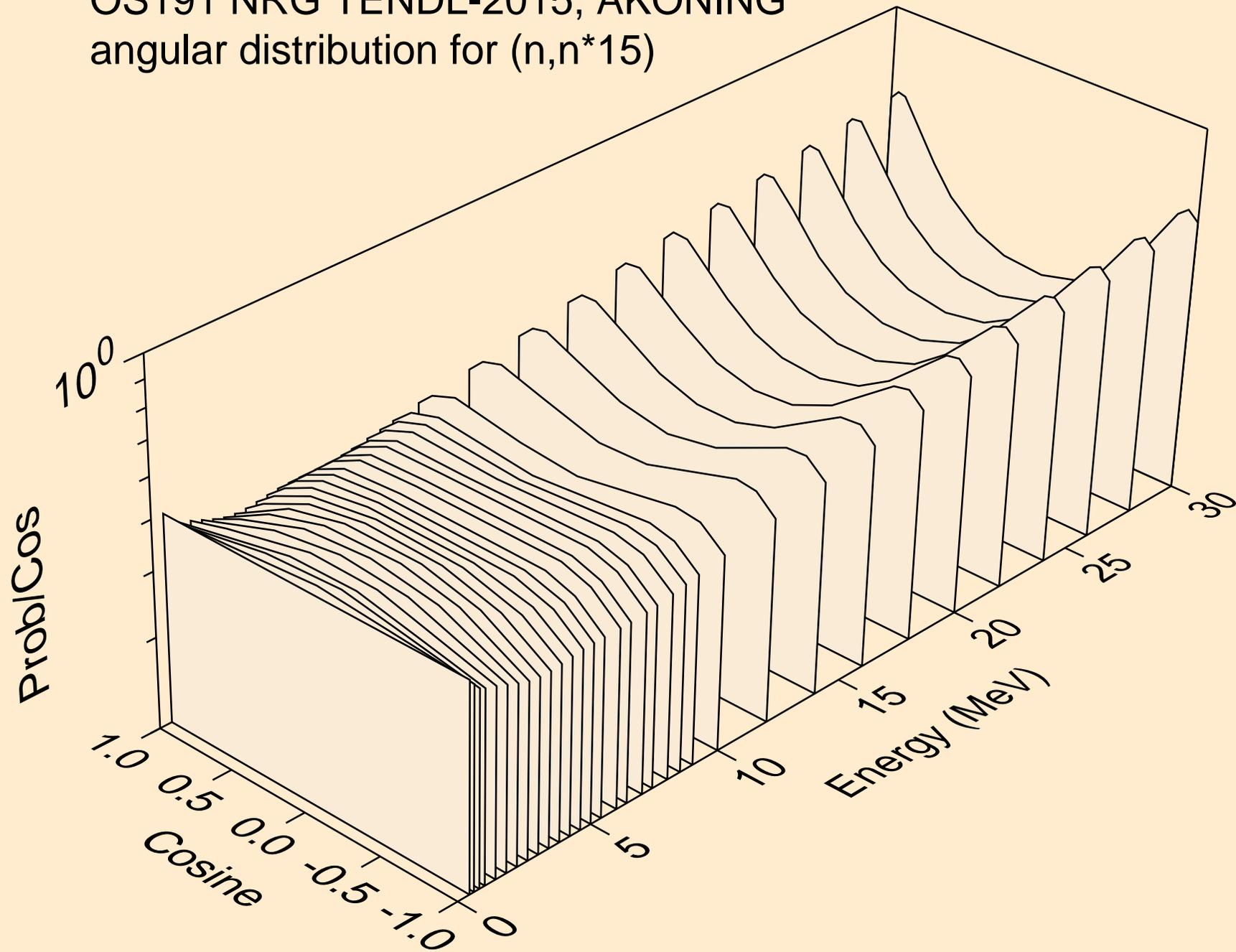
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angular distribution for (n,n\*13)



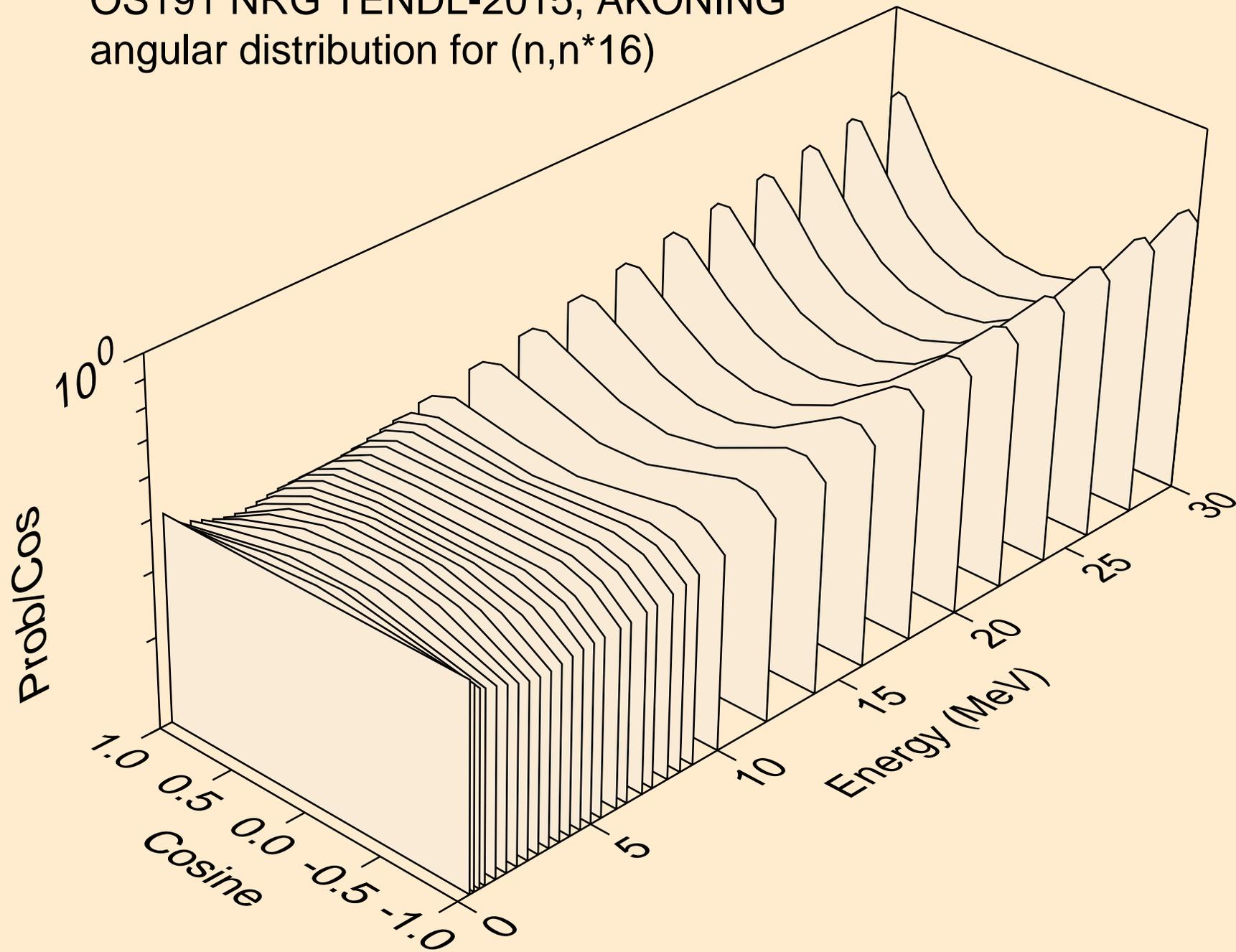
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angular distribution for (n,n\*14)



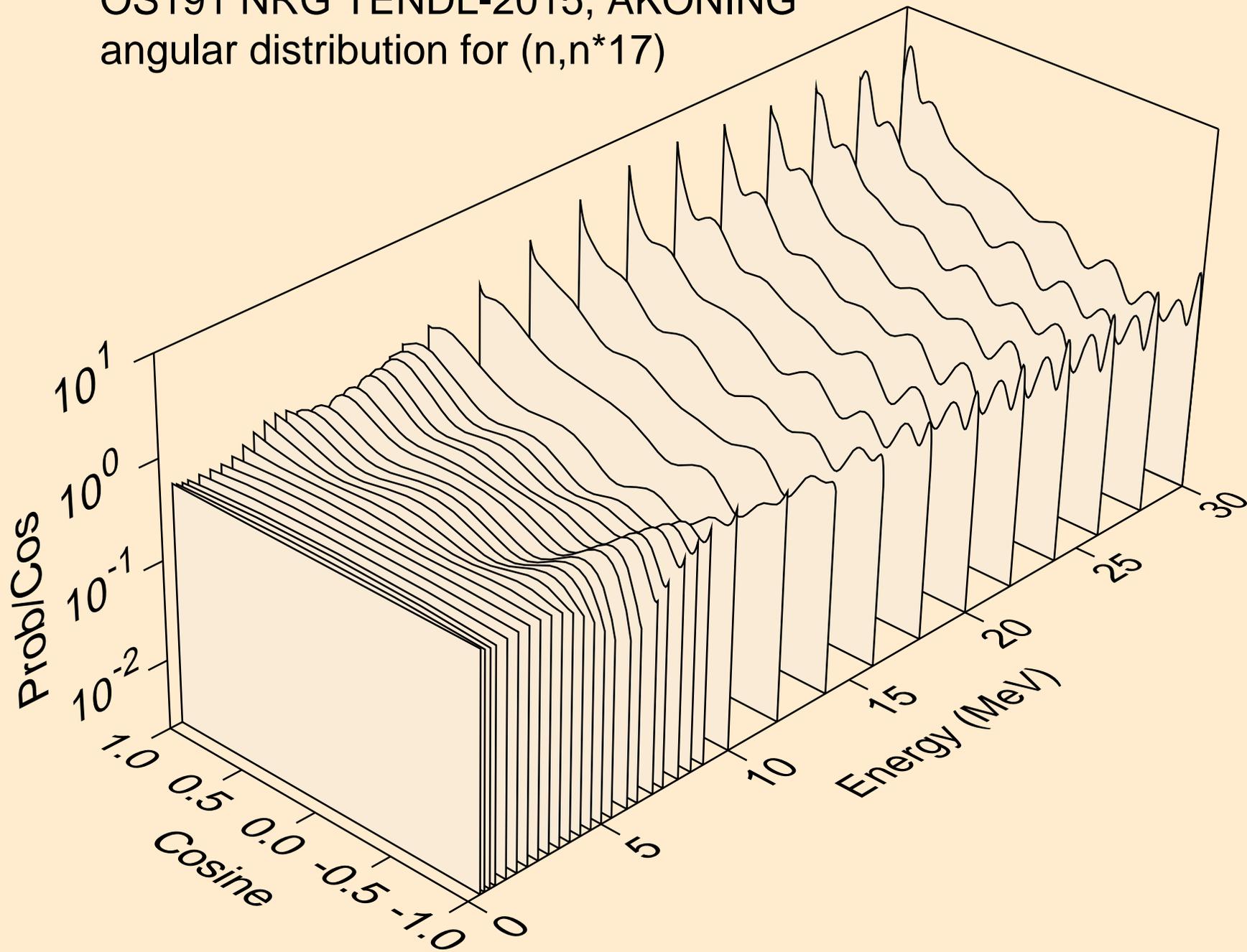
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



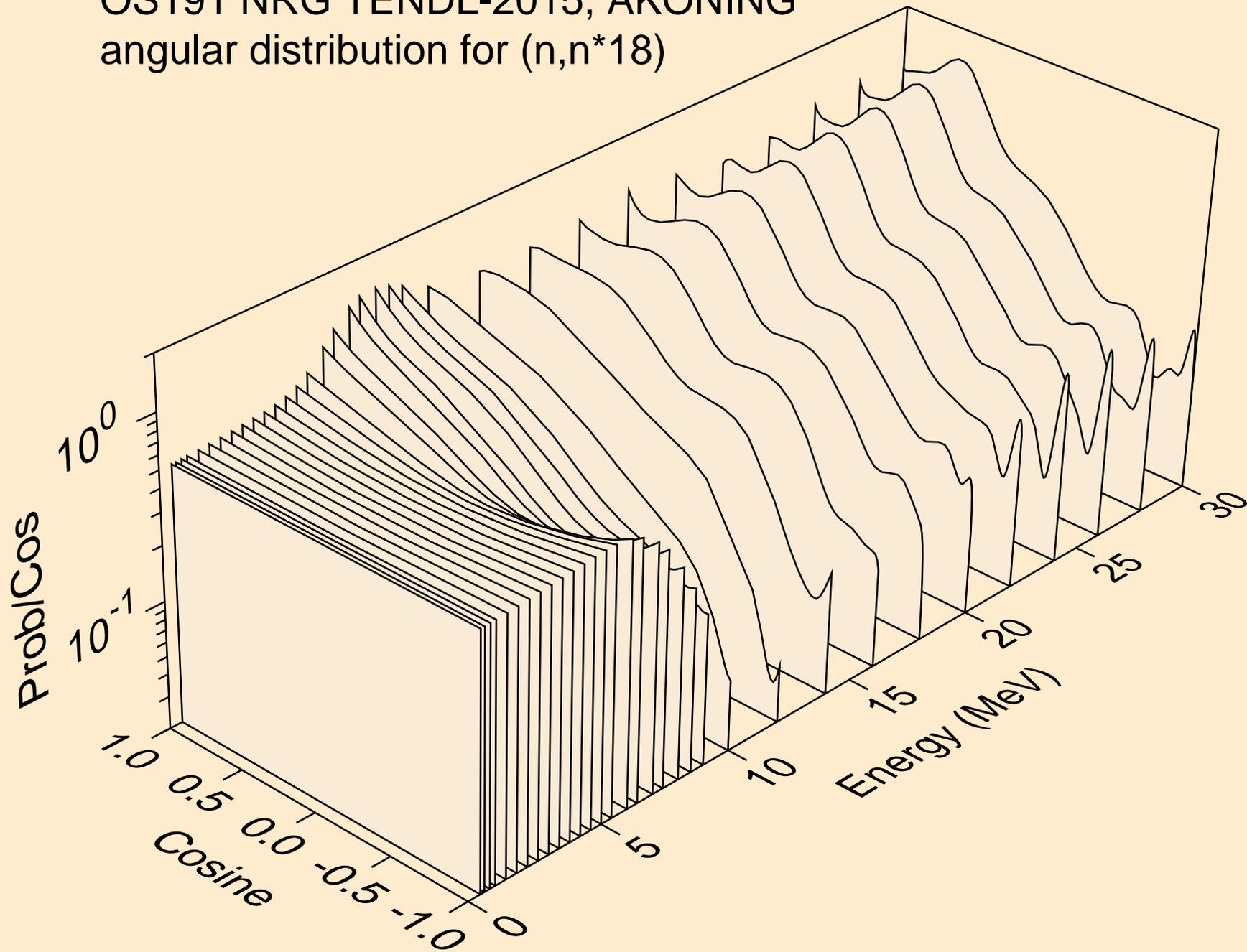
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angular distribution for (n,n\*16)



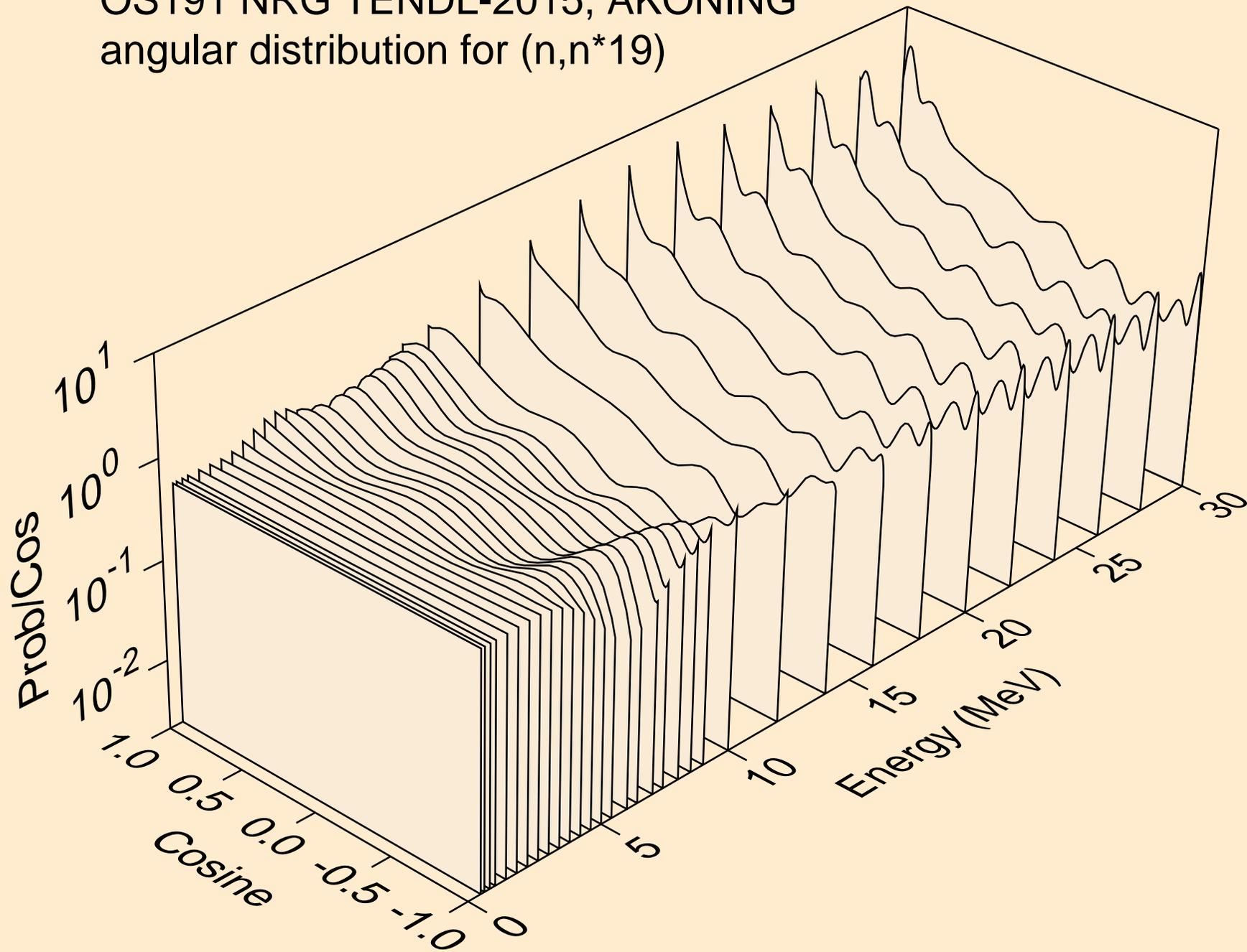
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angular distribution for (n,n\*17)



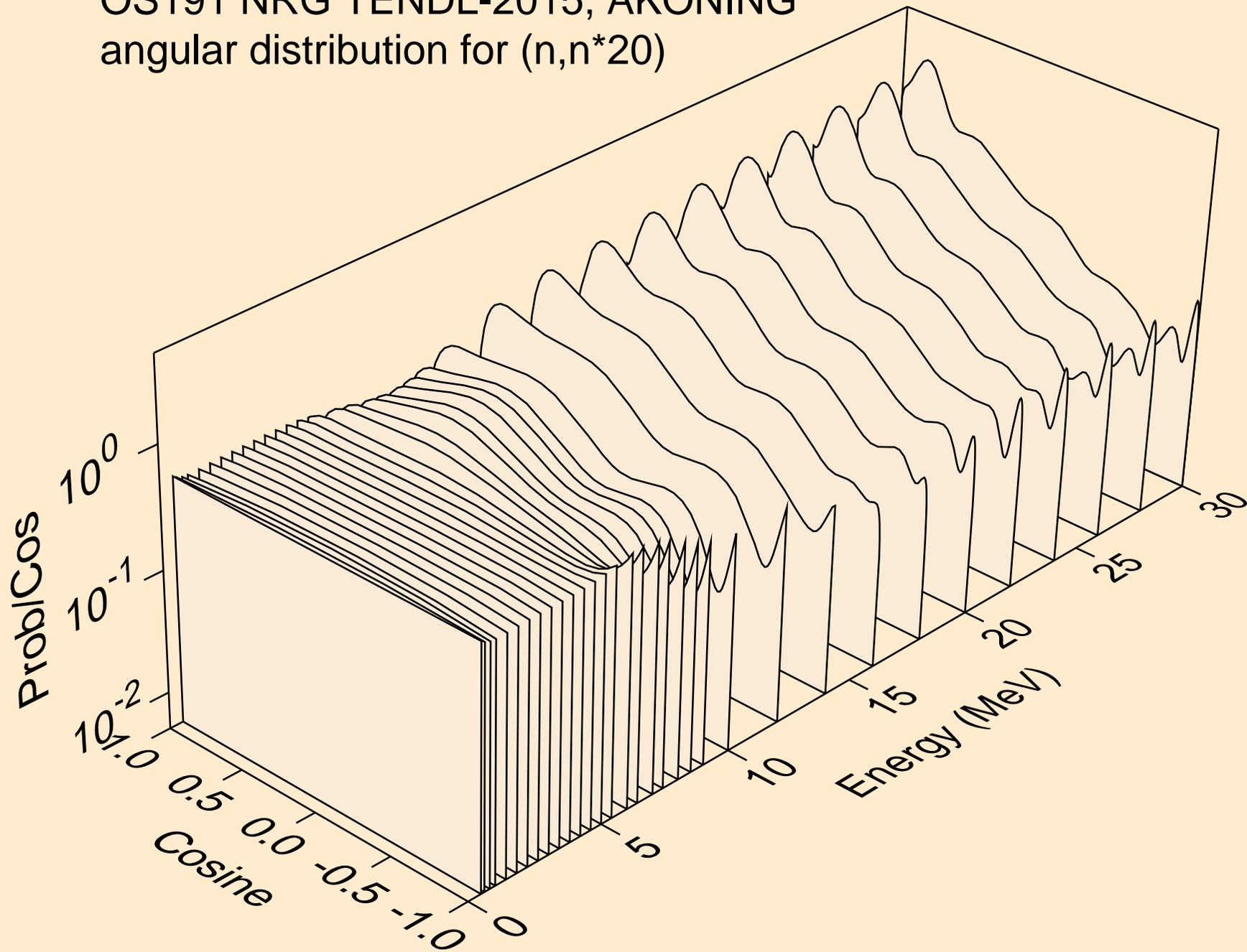
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angular distribution for (n,n\*18)



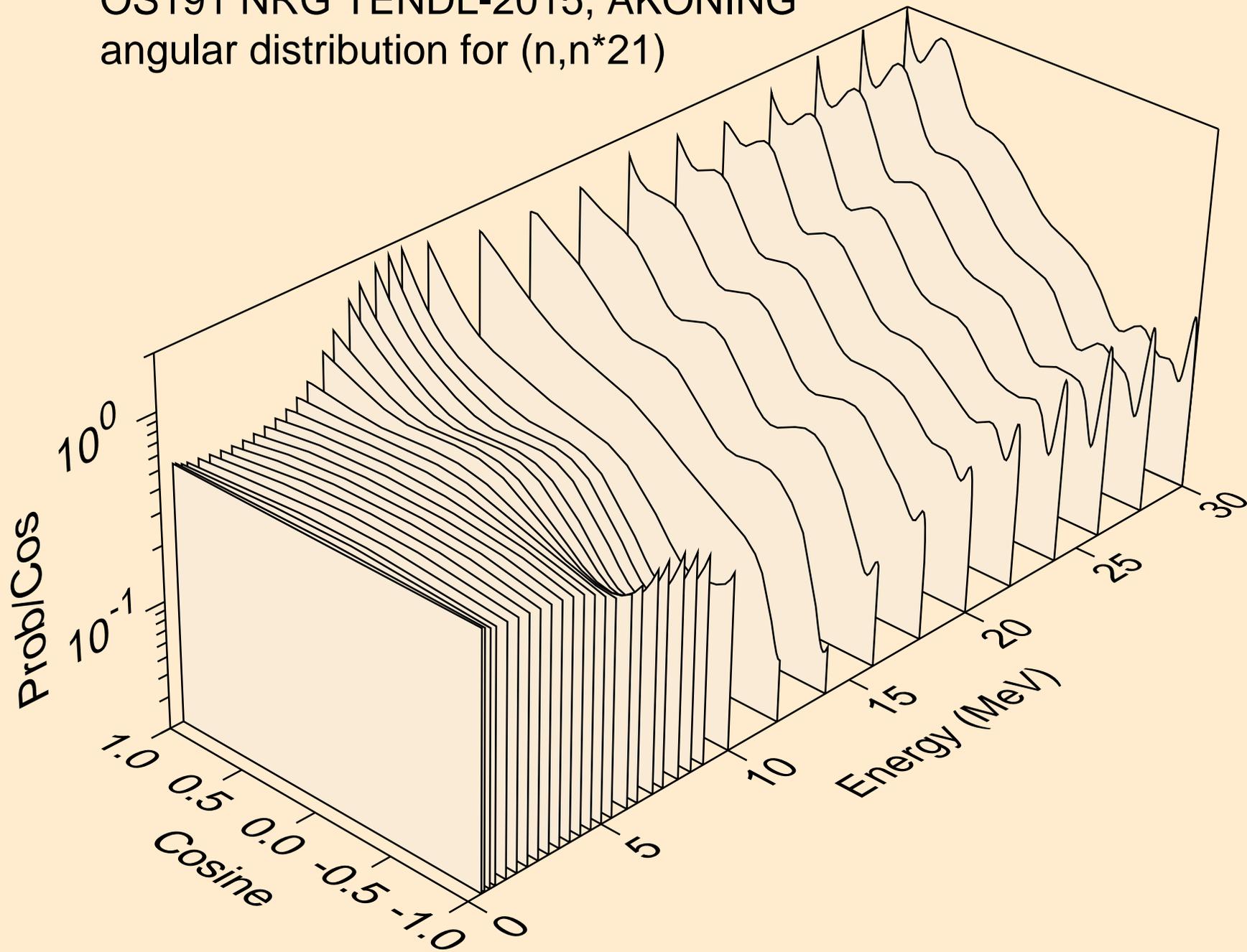
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angular distribution for (n,n\*19)



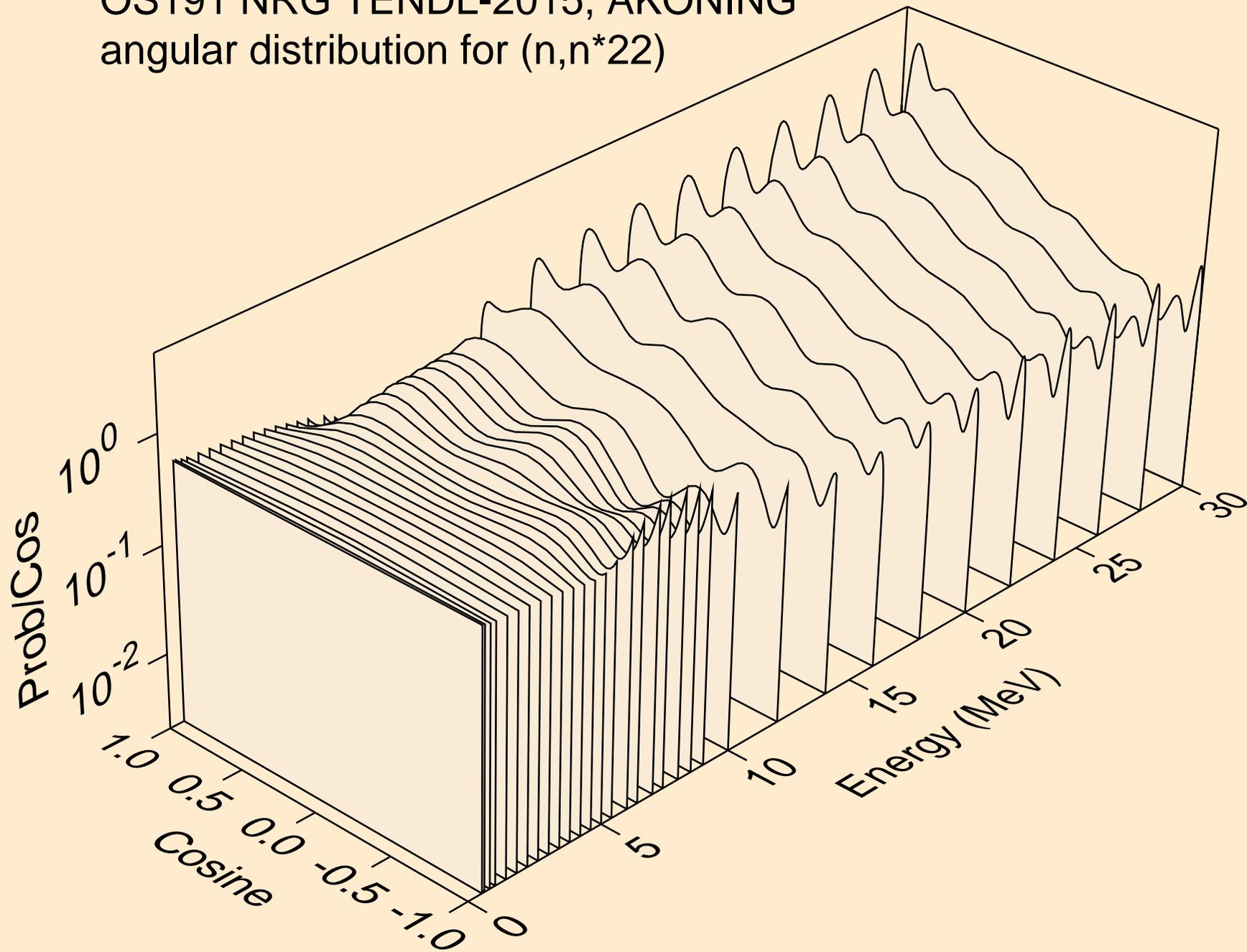
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angular distribution for (n,n\*20)



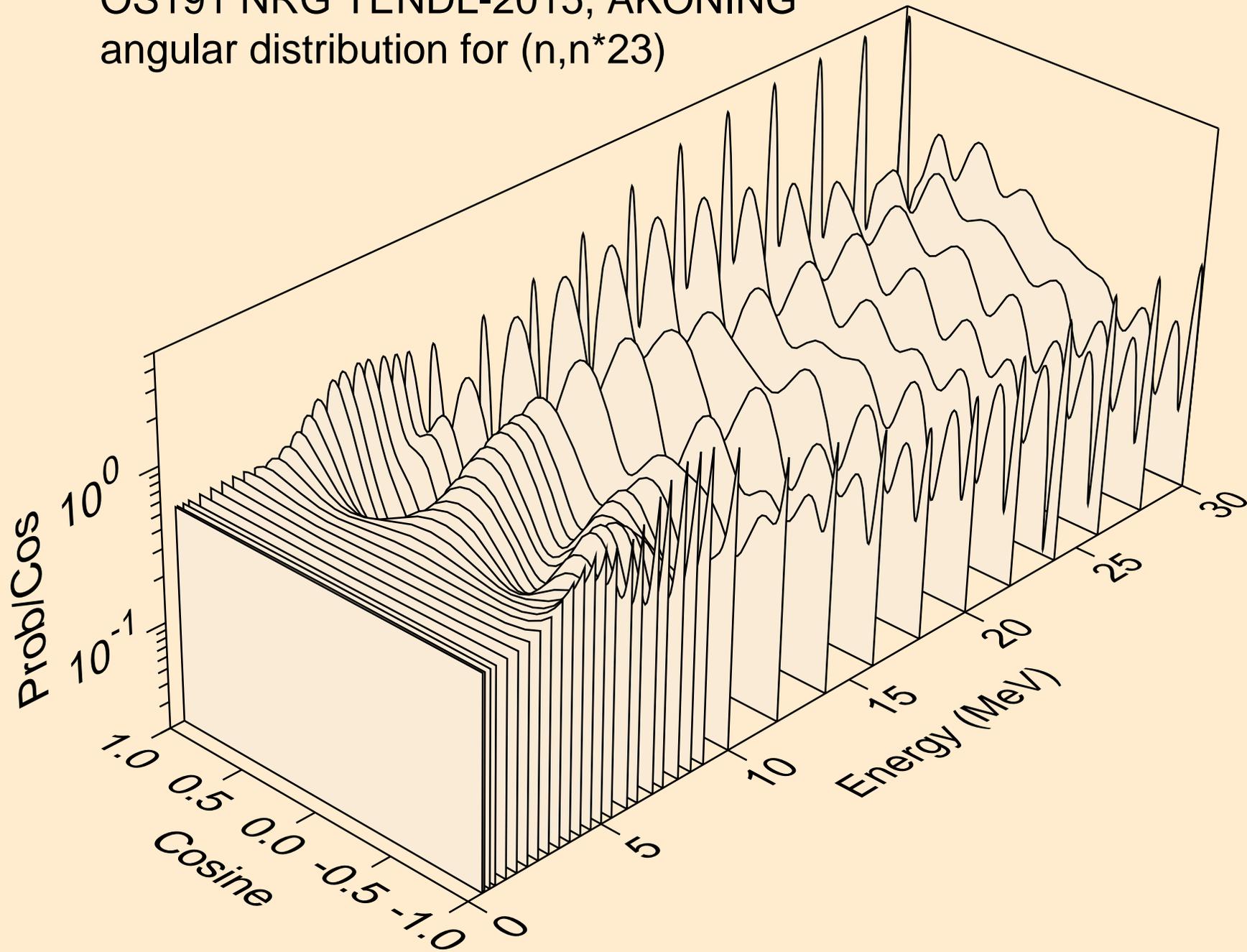
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angular distribution for (n,n\*21)



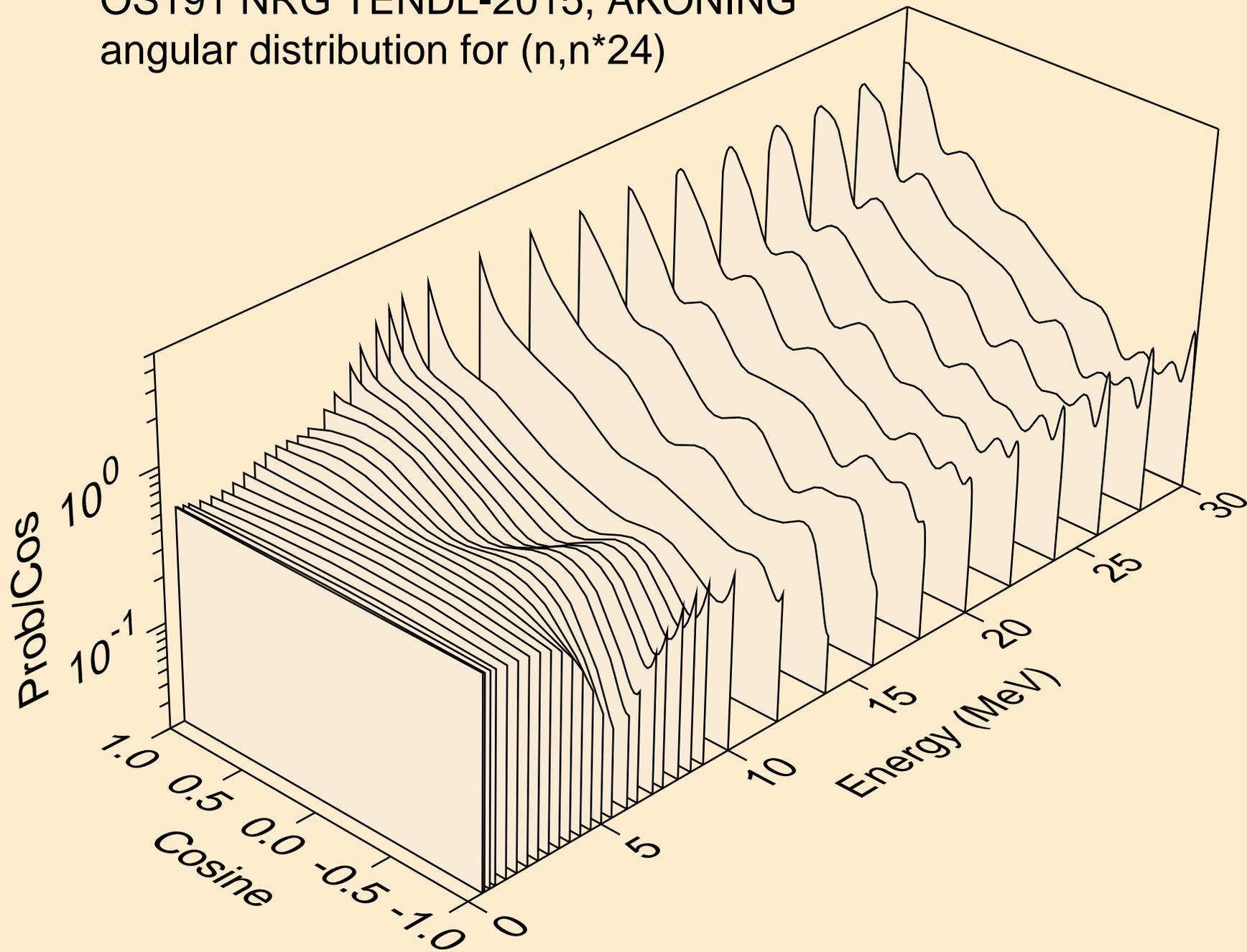
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



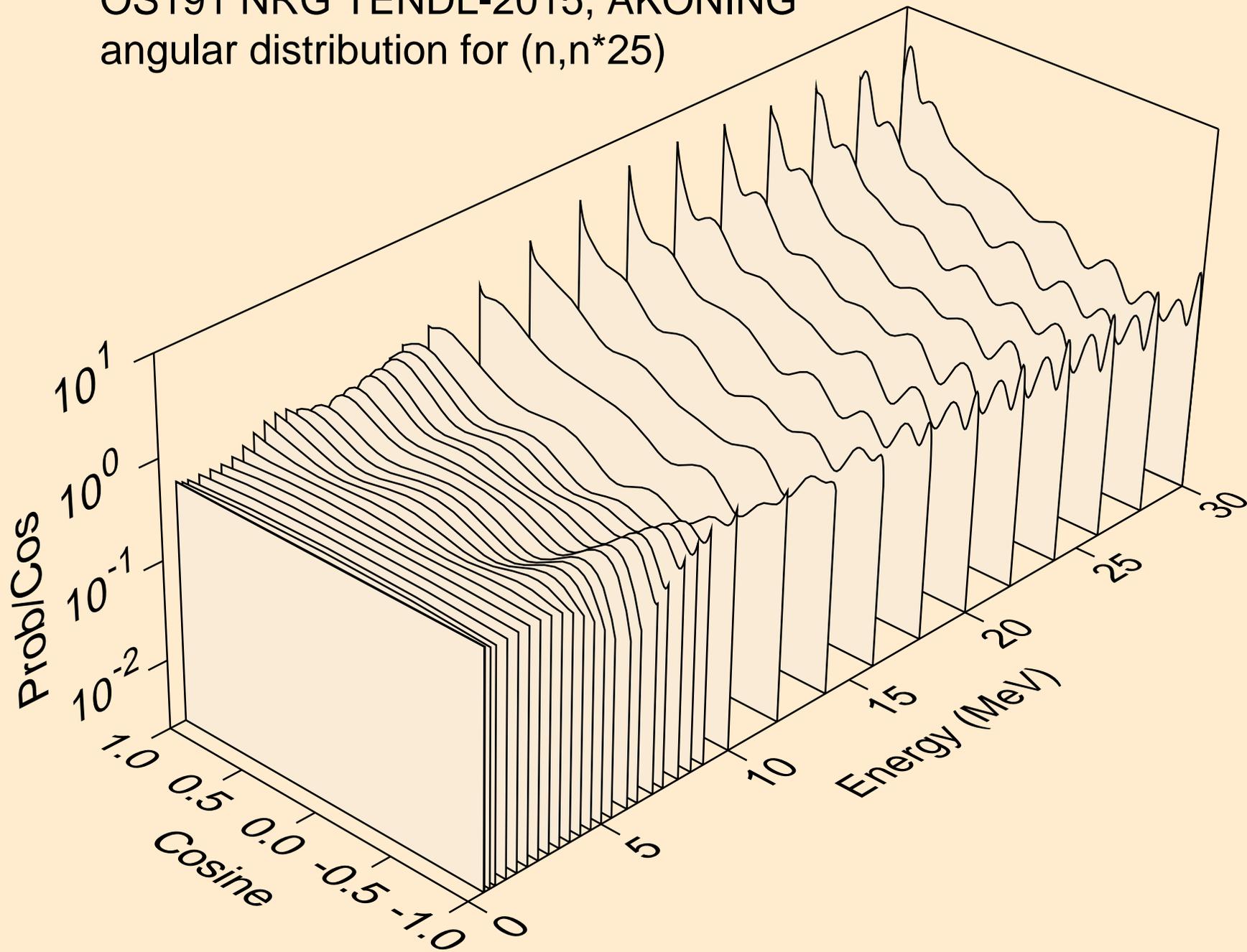
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angular distribution for (n,n\*23)



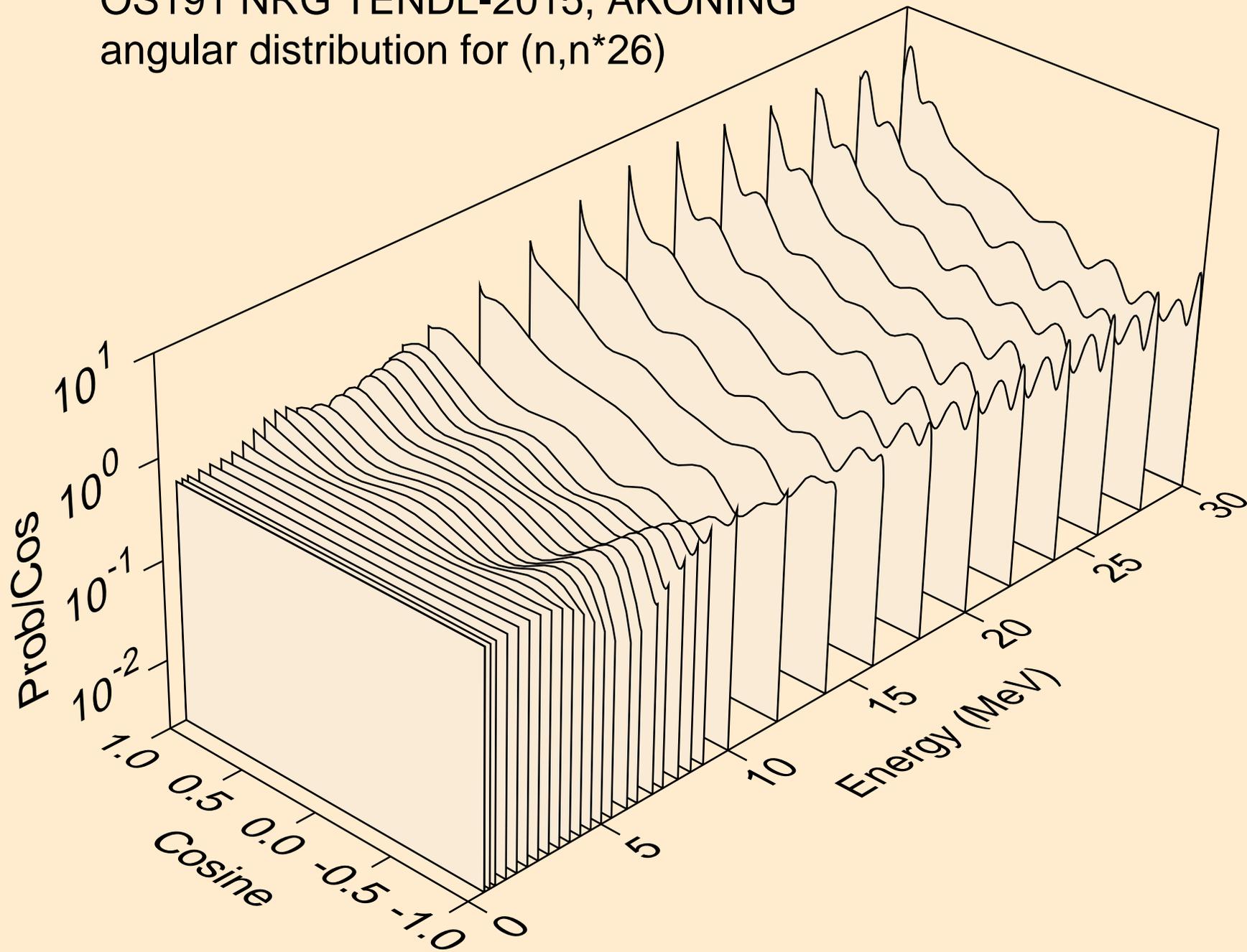
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



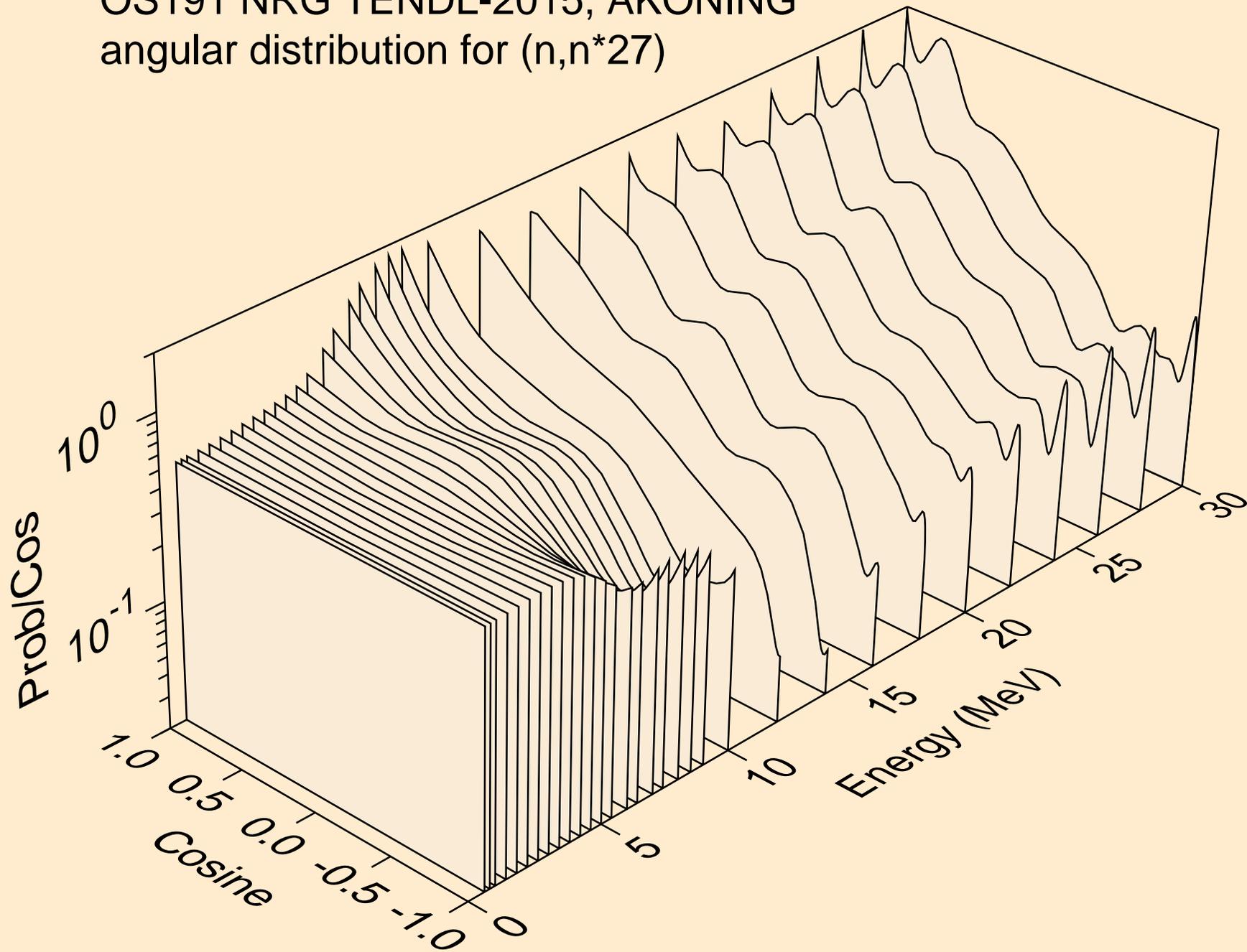
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



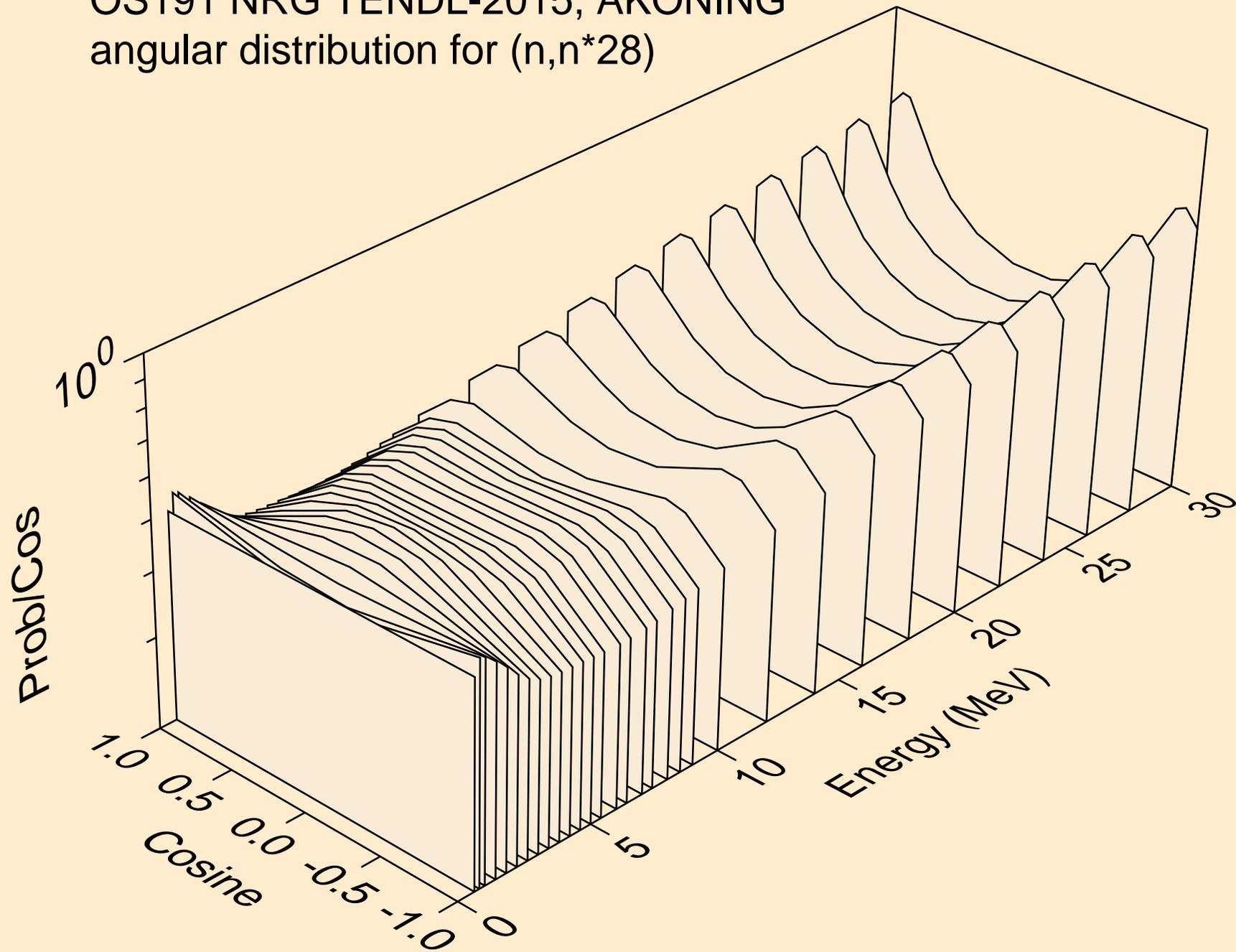
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angular distribution for (n,n\*26)



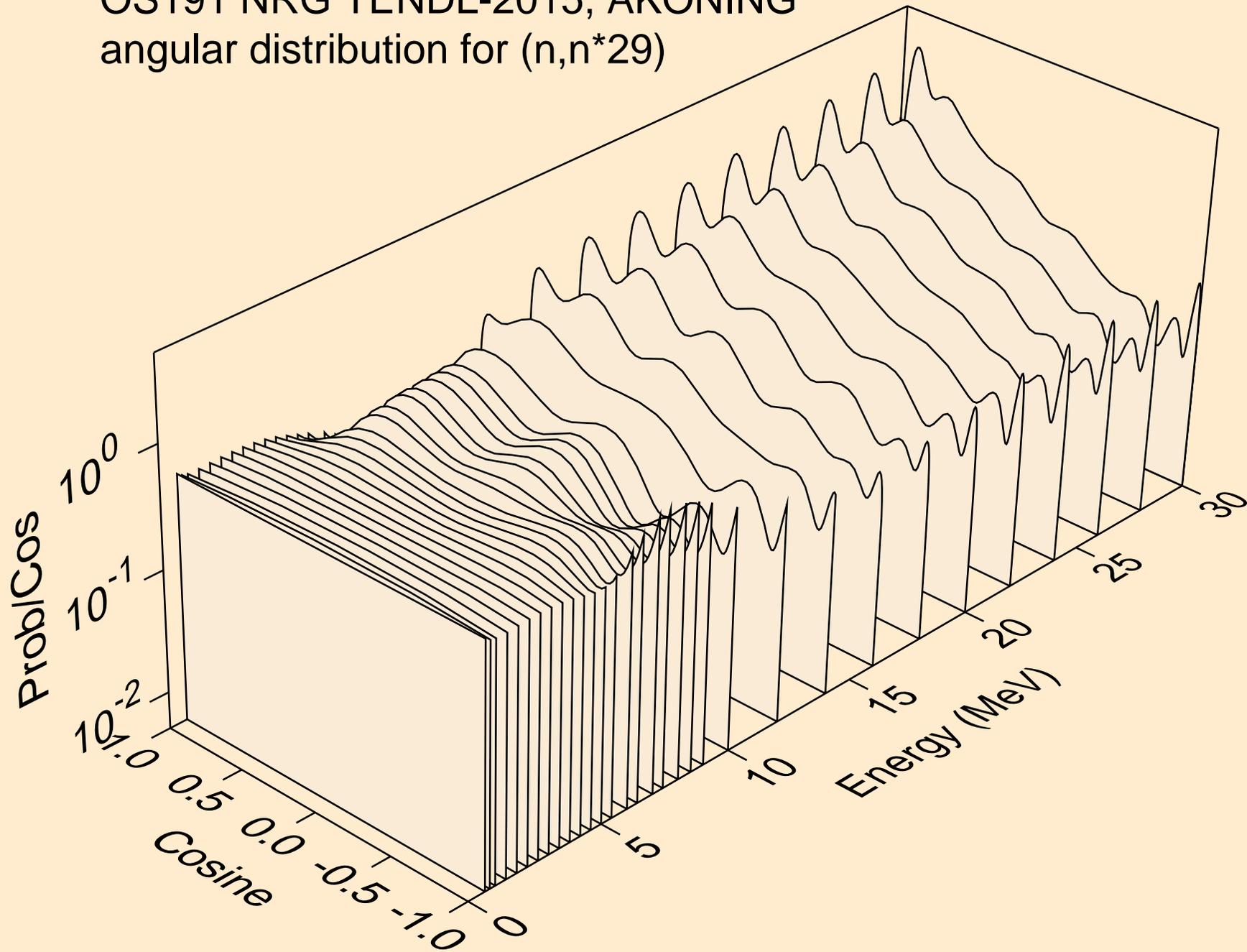
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



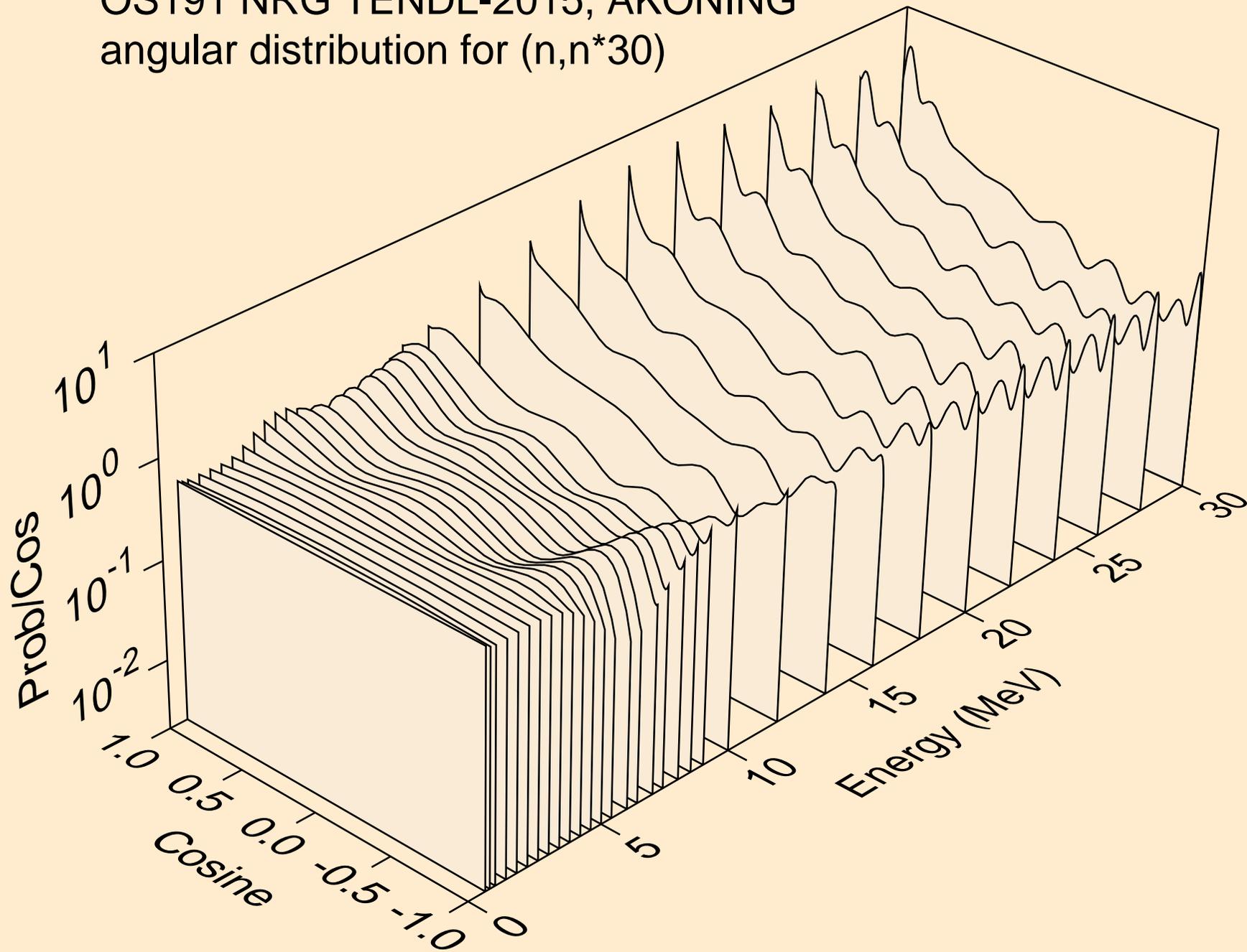
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



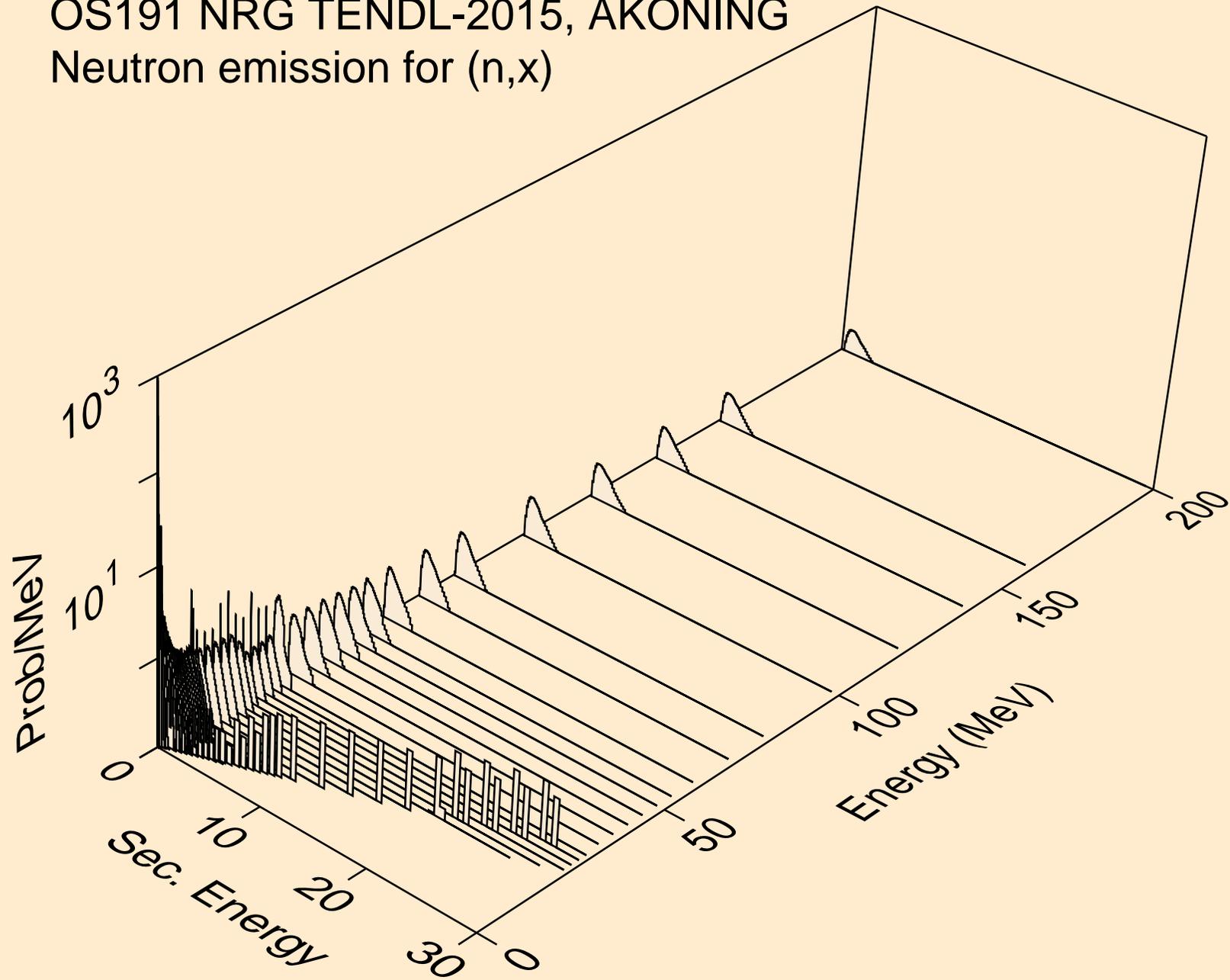
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



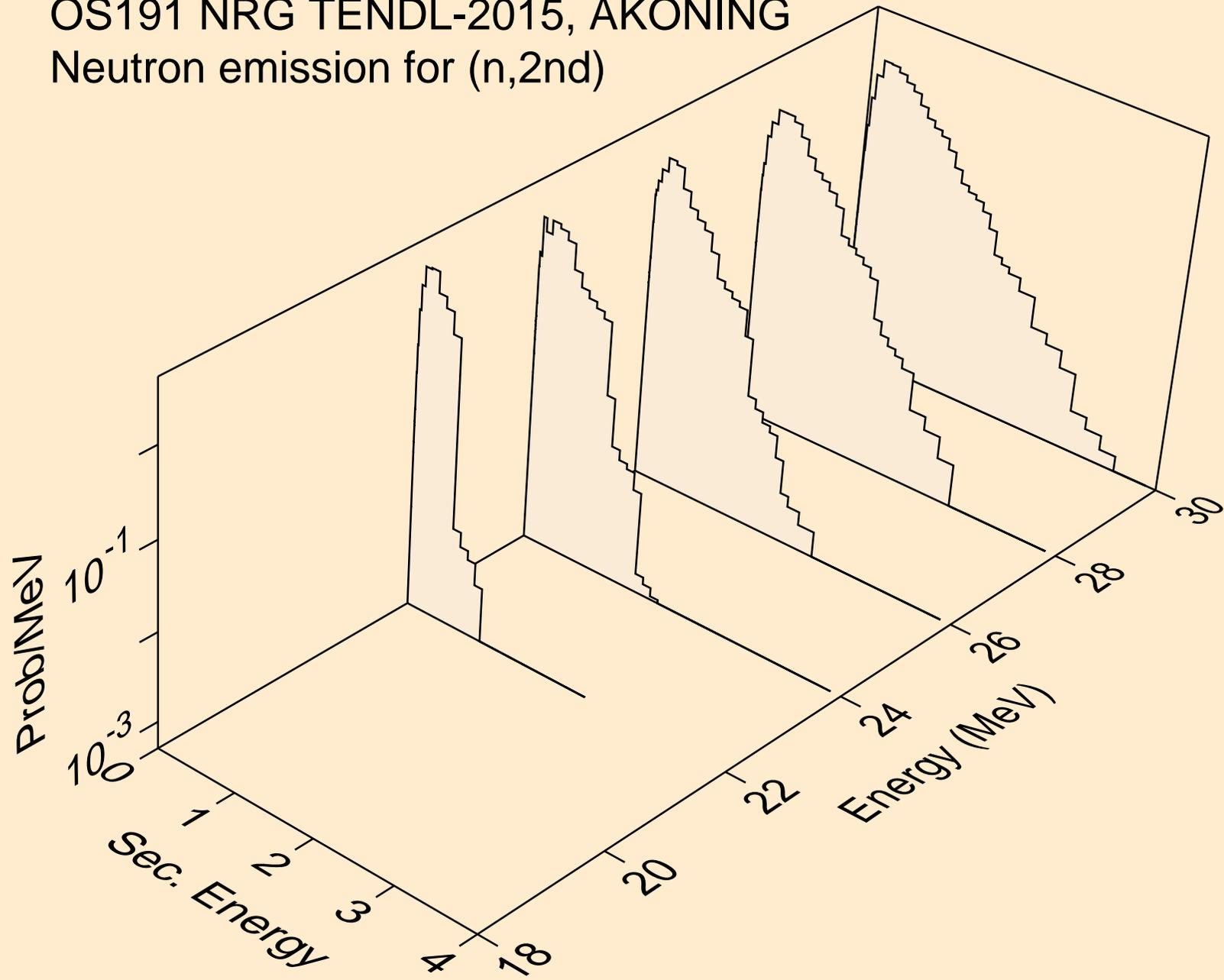
OS191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



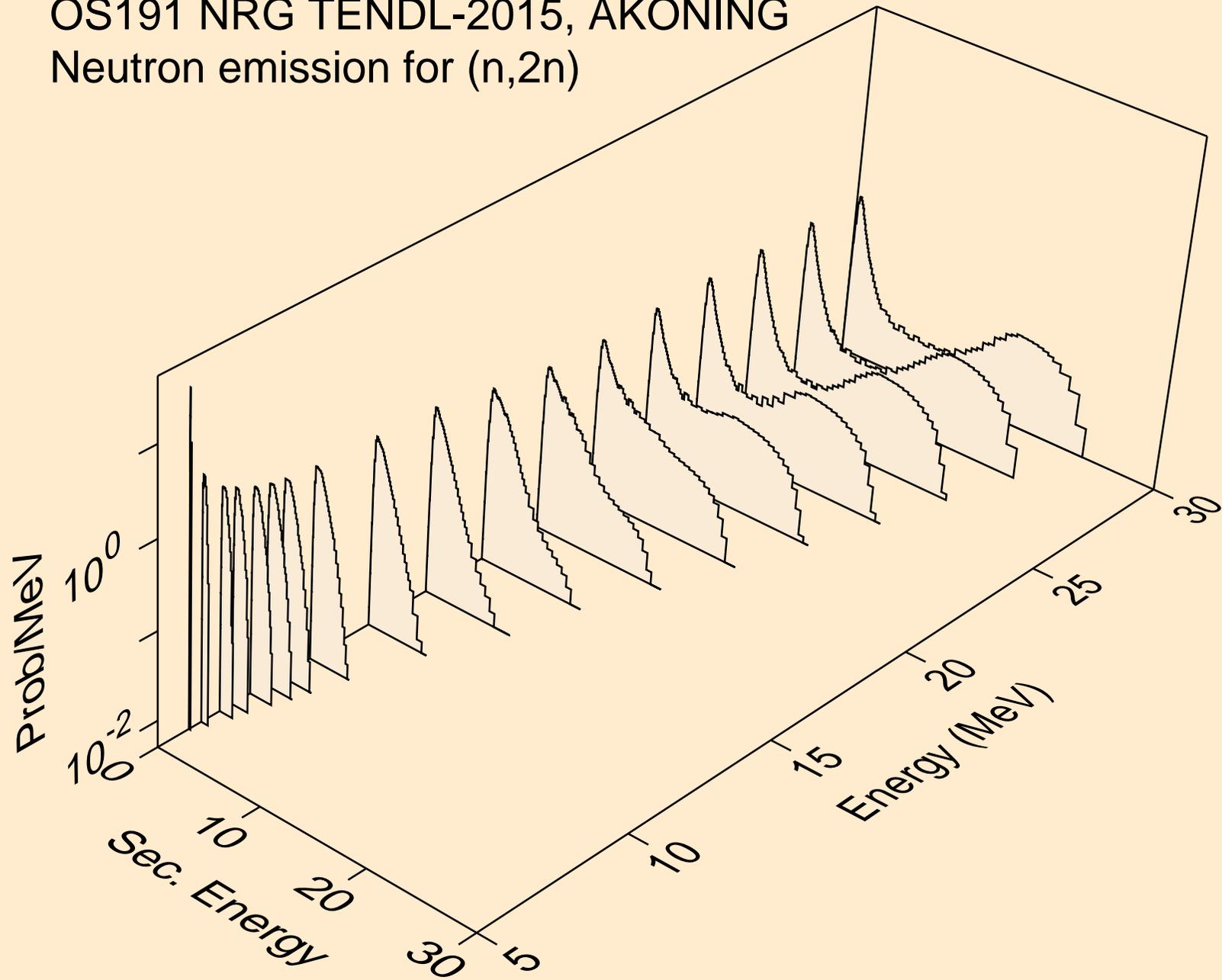
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



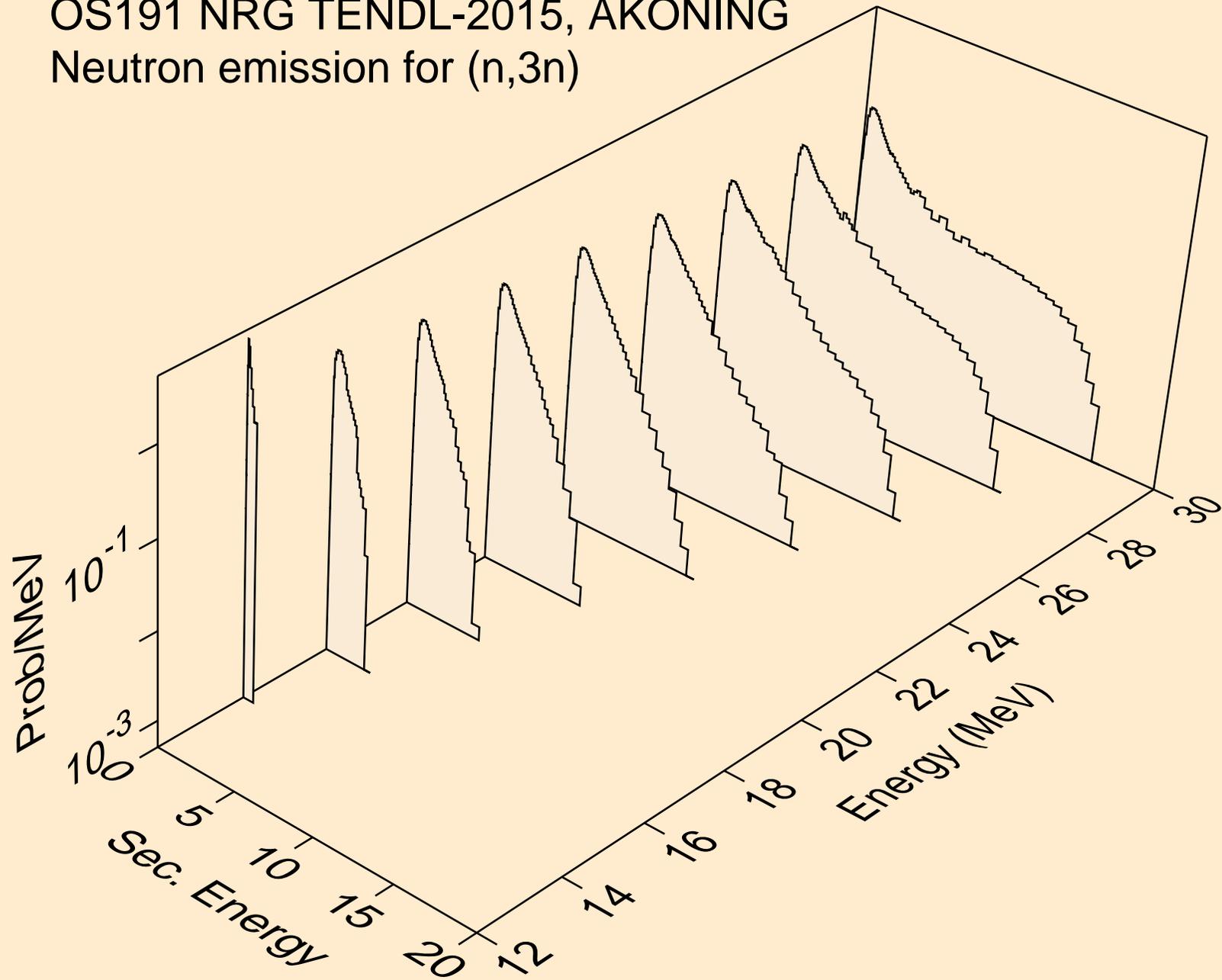
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



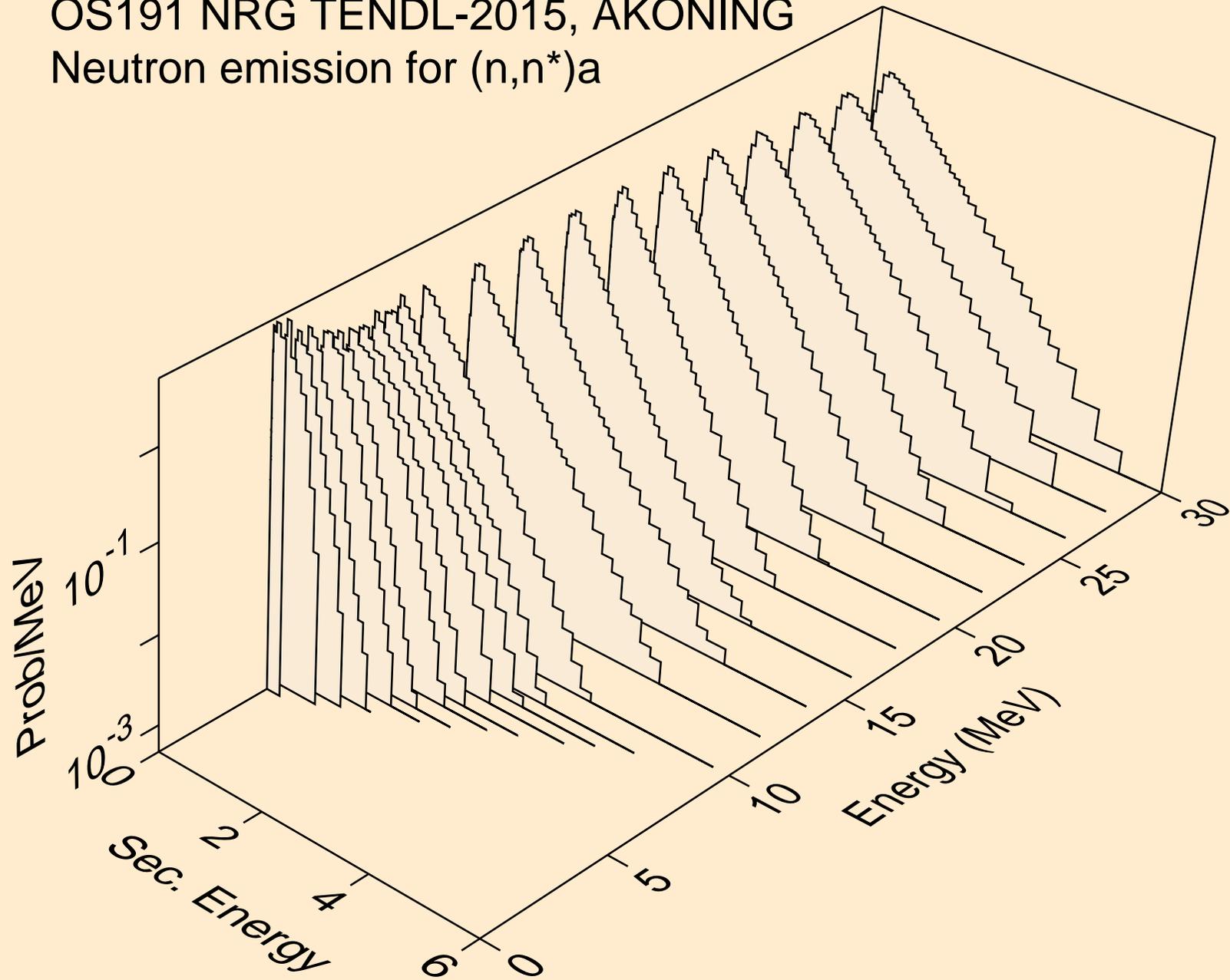
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



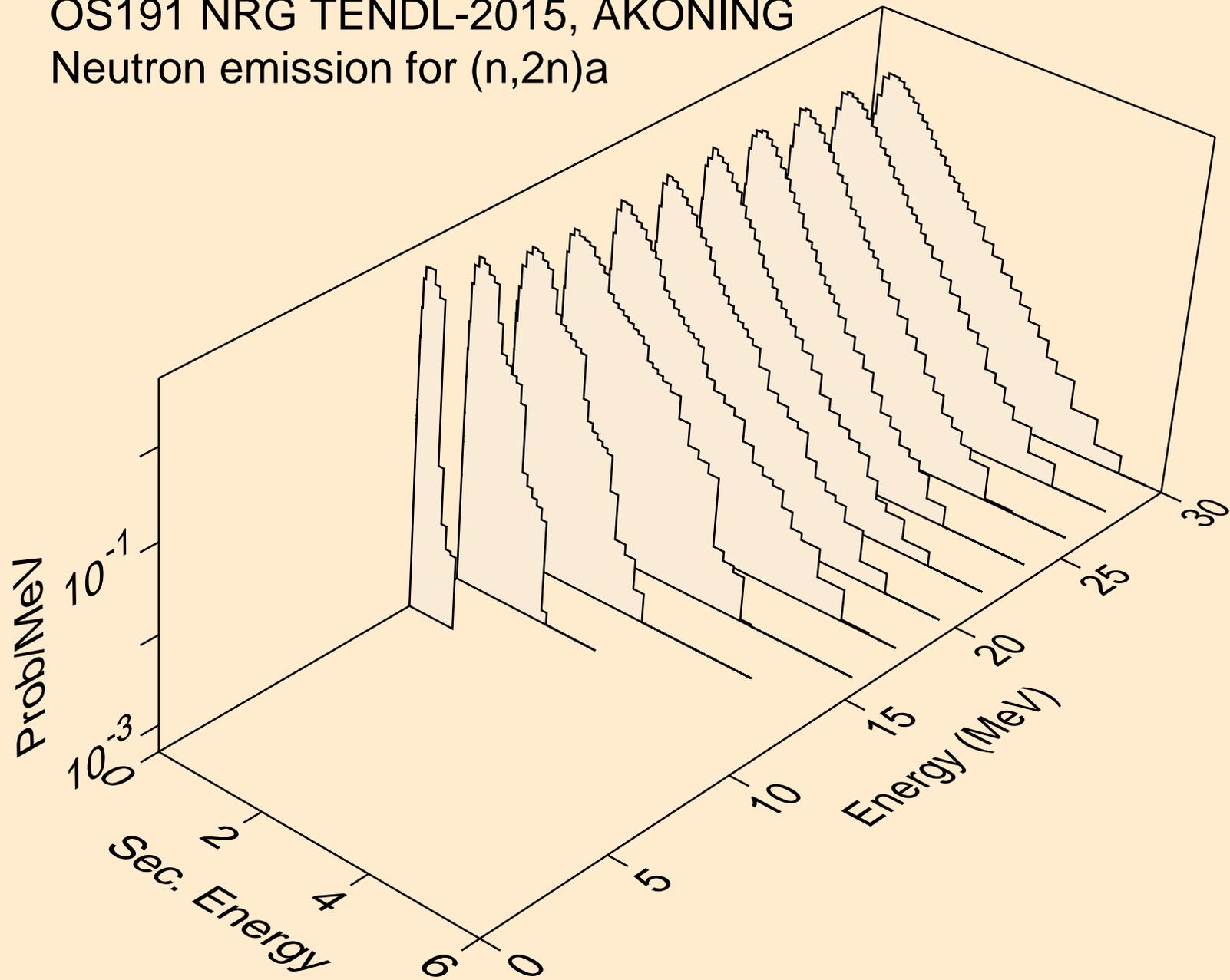
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



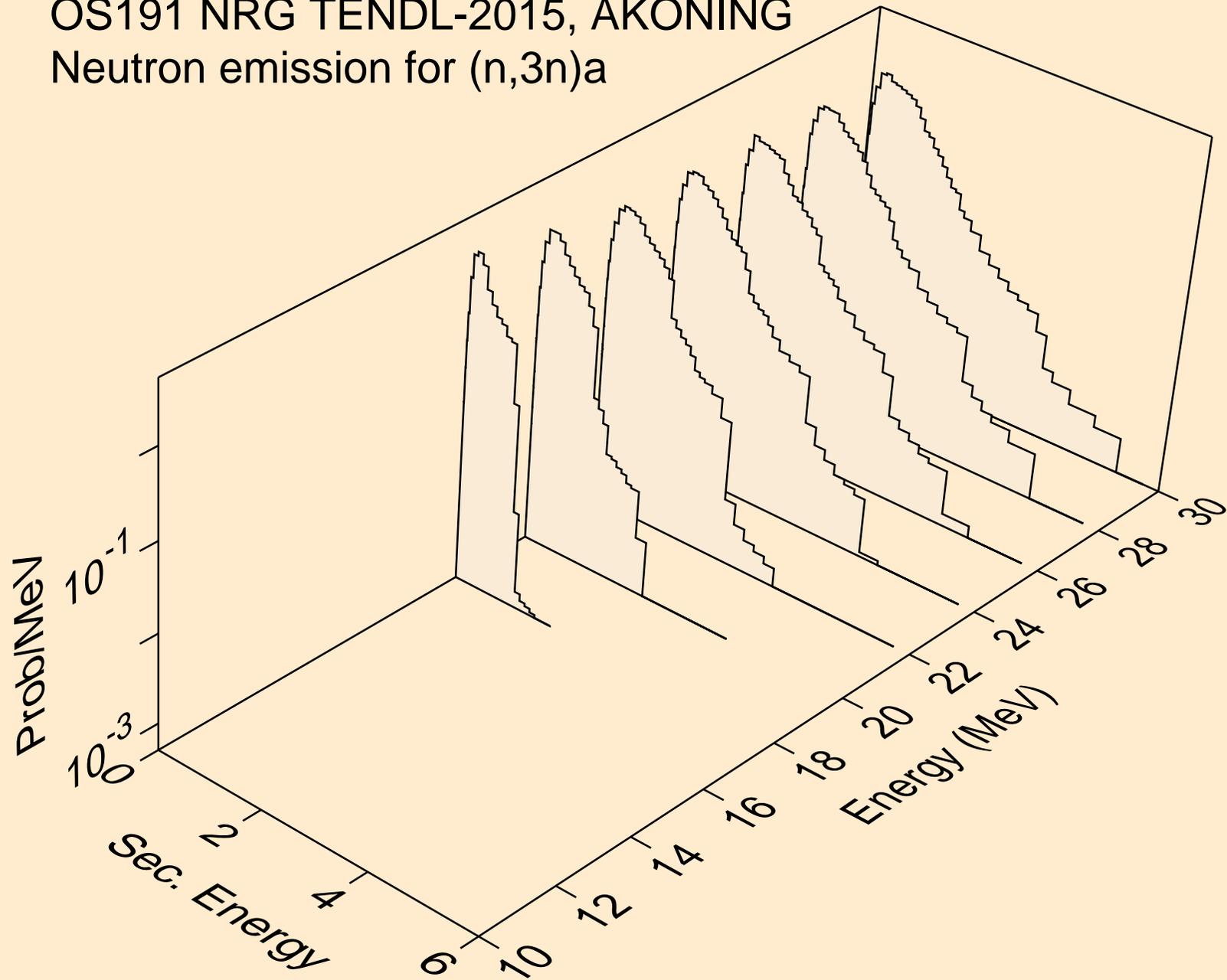
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



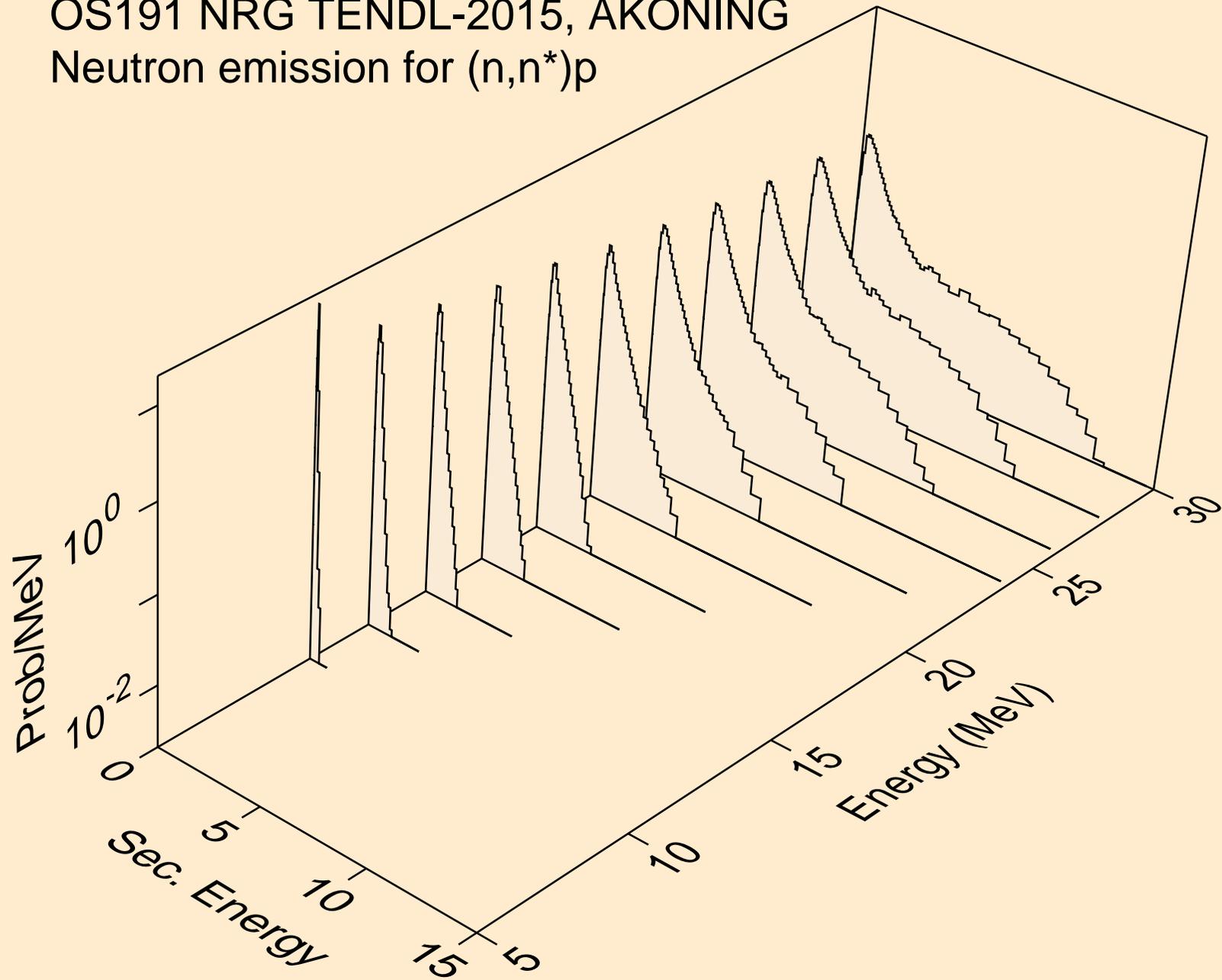
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



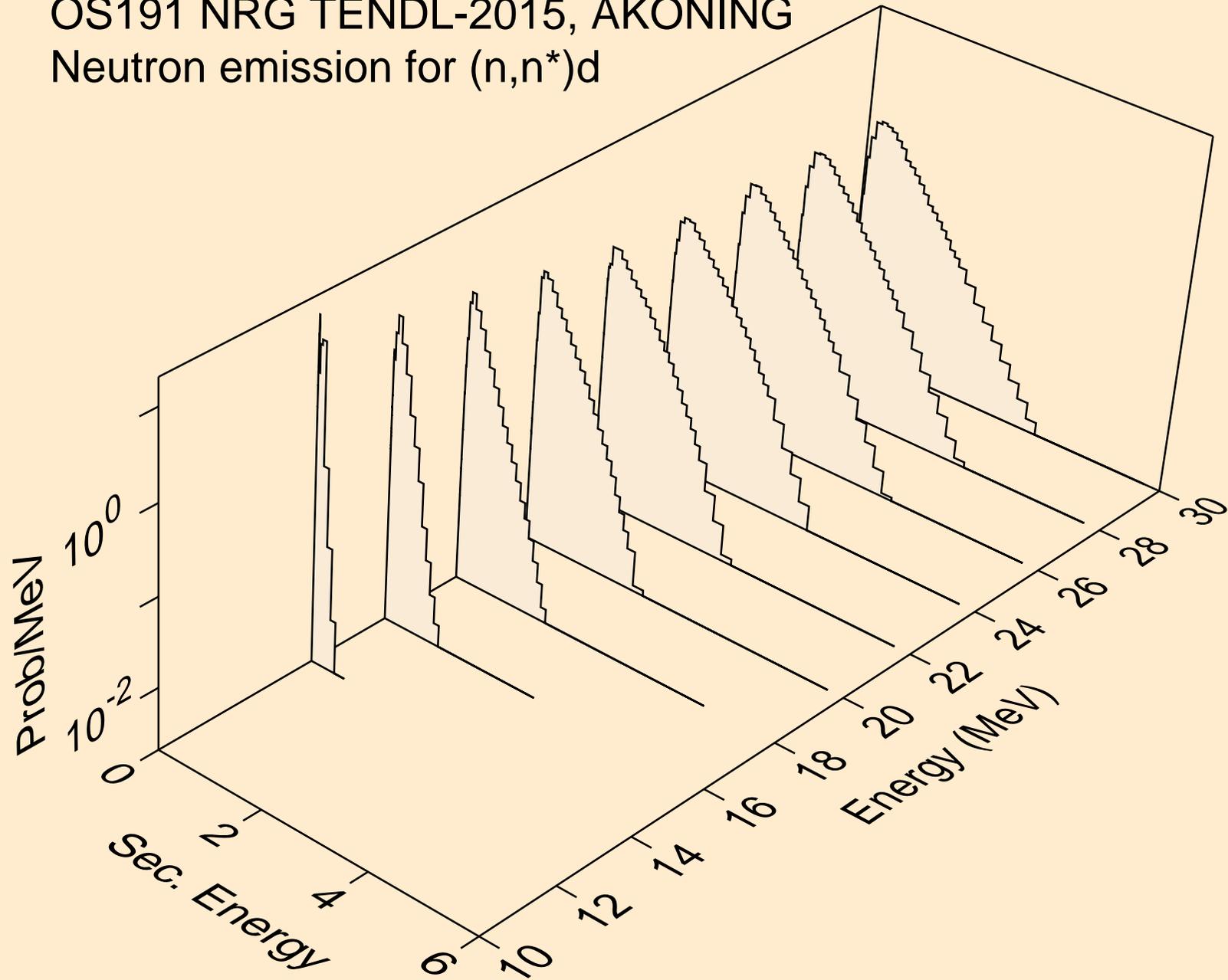
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



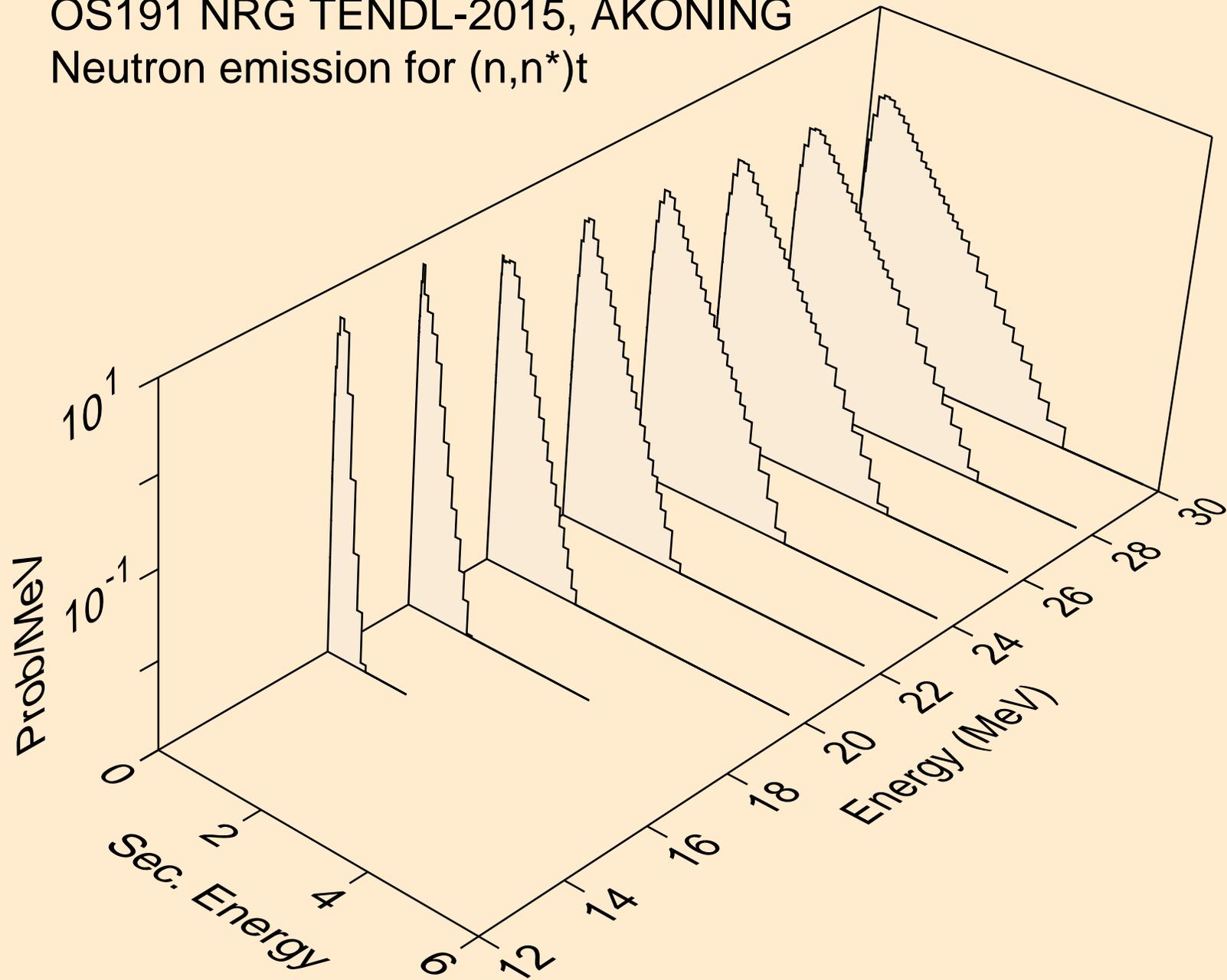
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



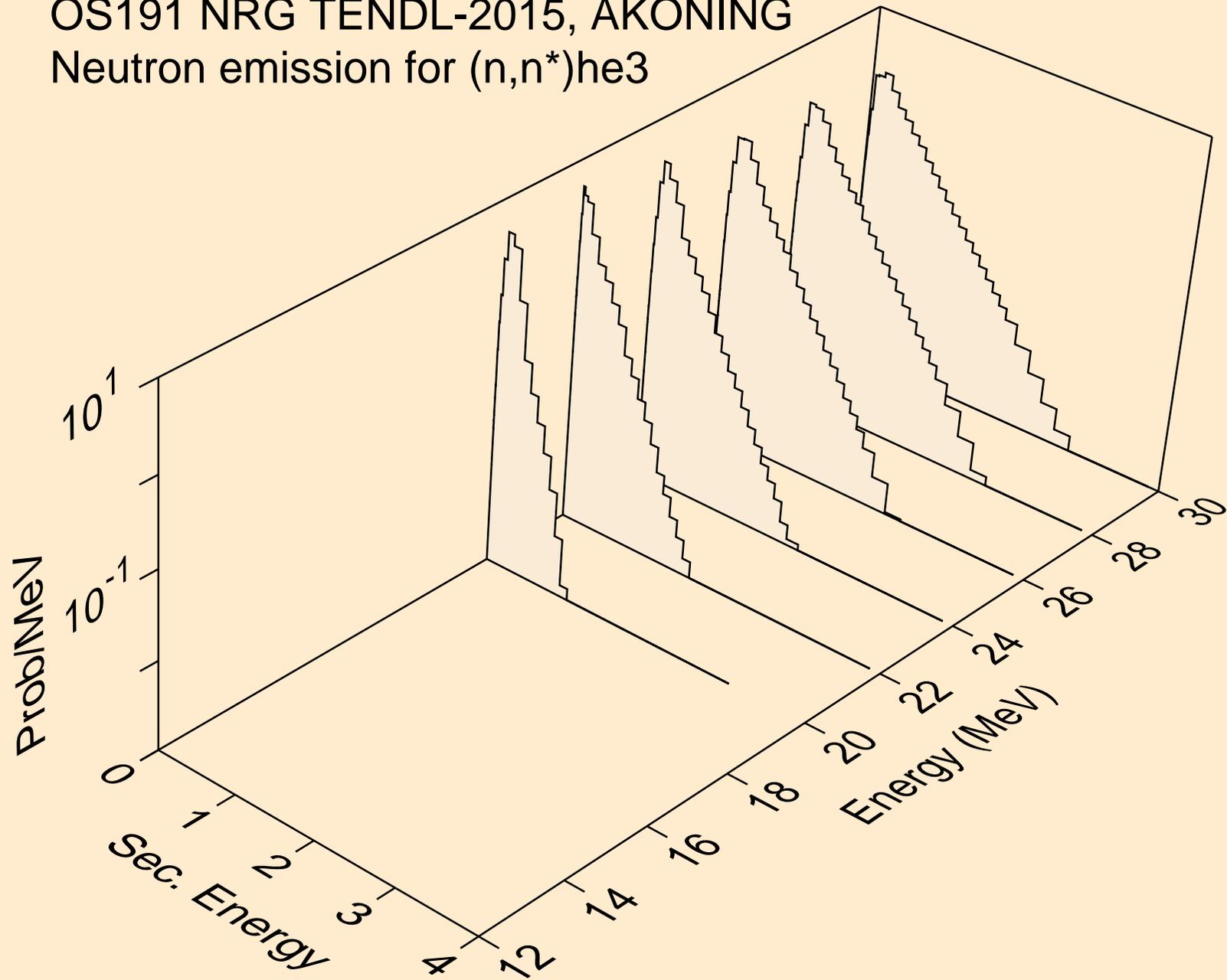
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



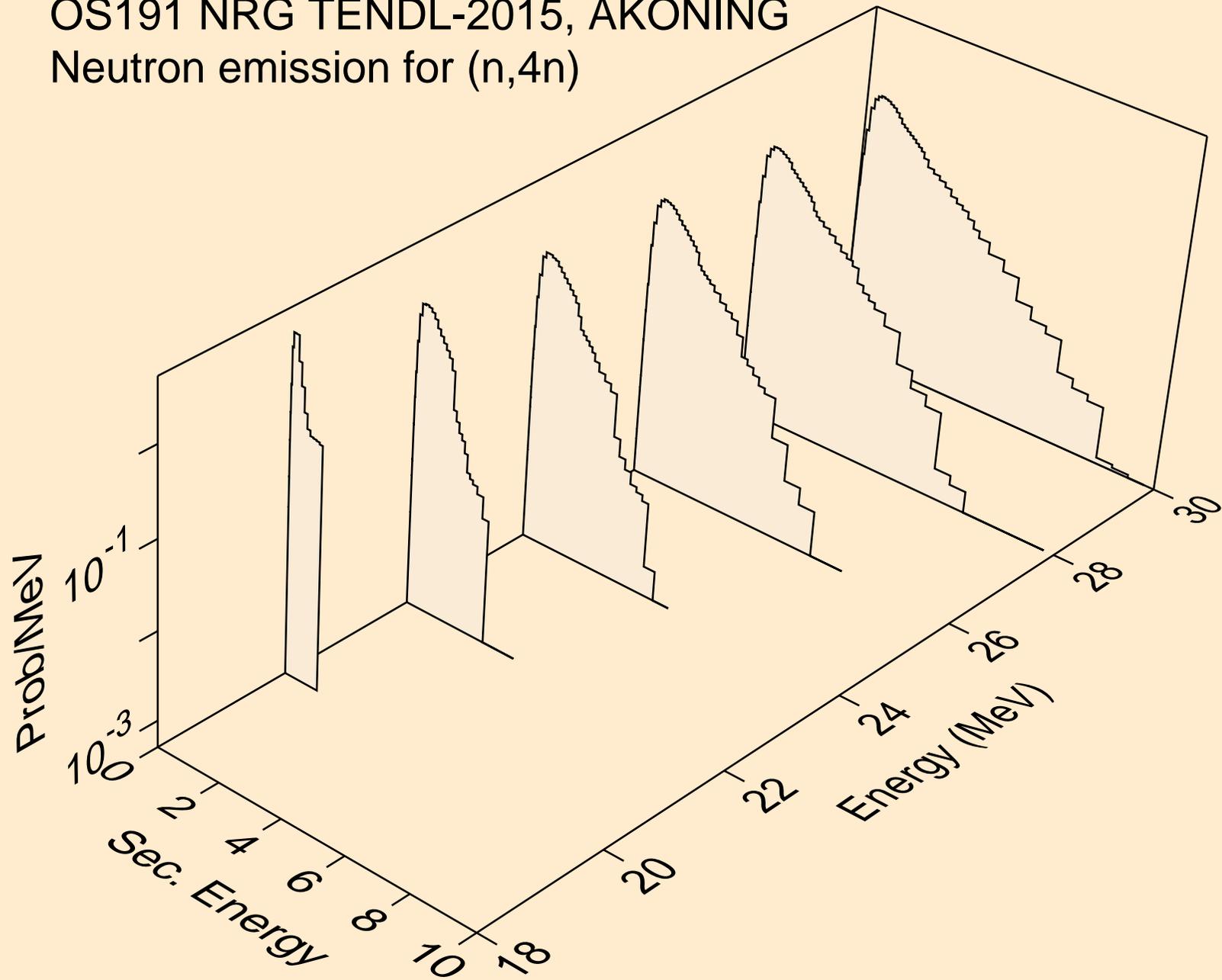
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



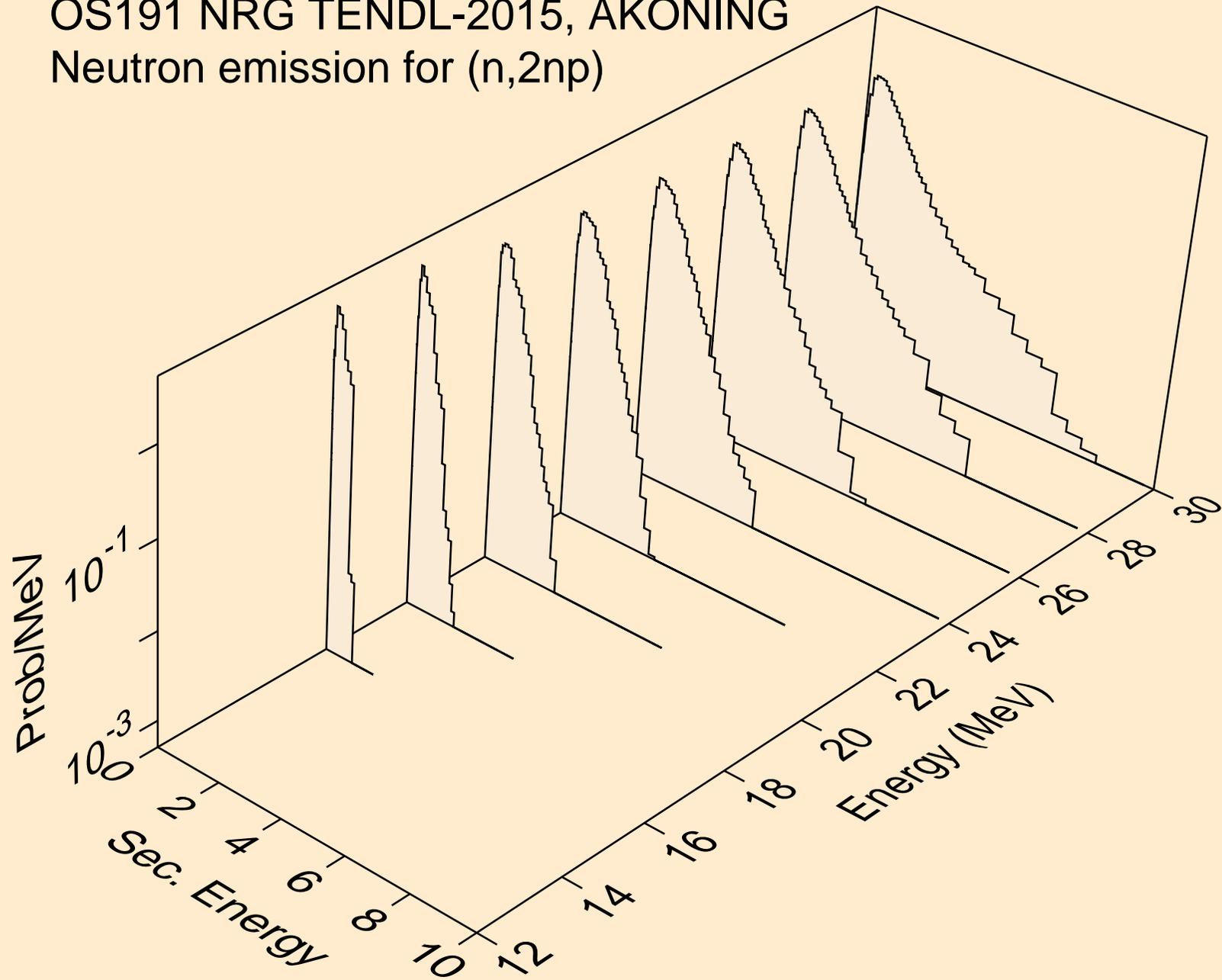
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



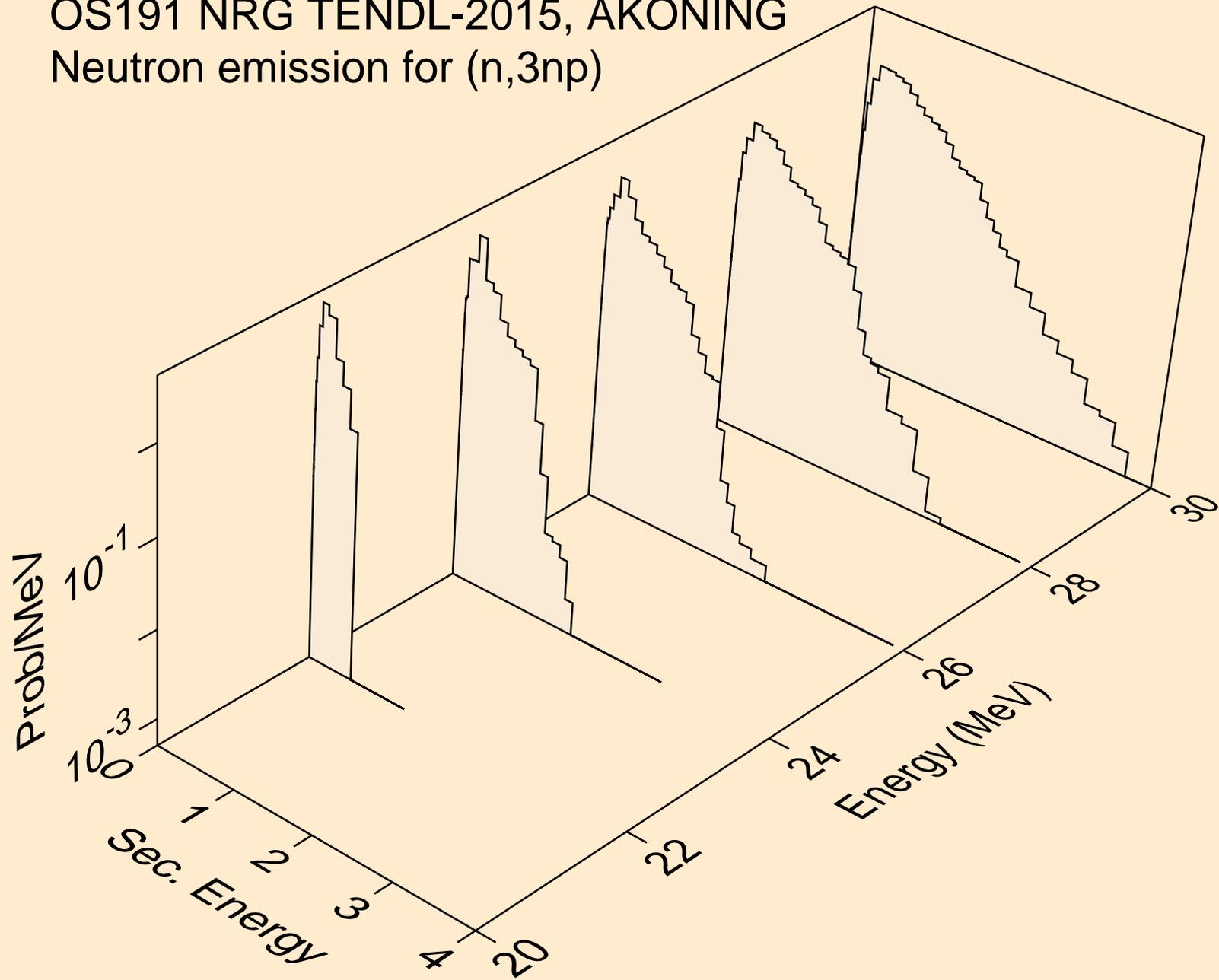
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



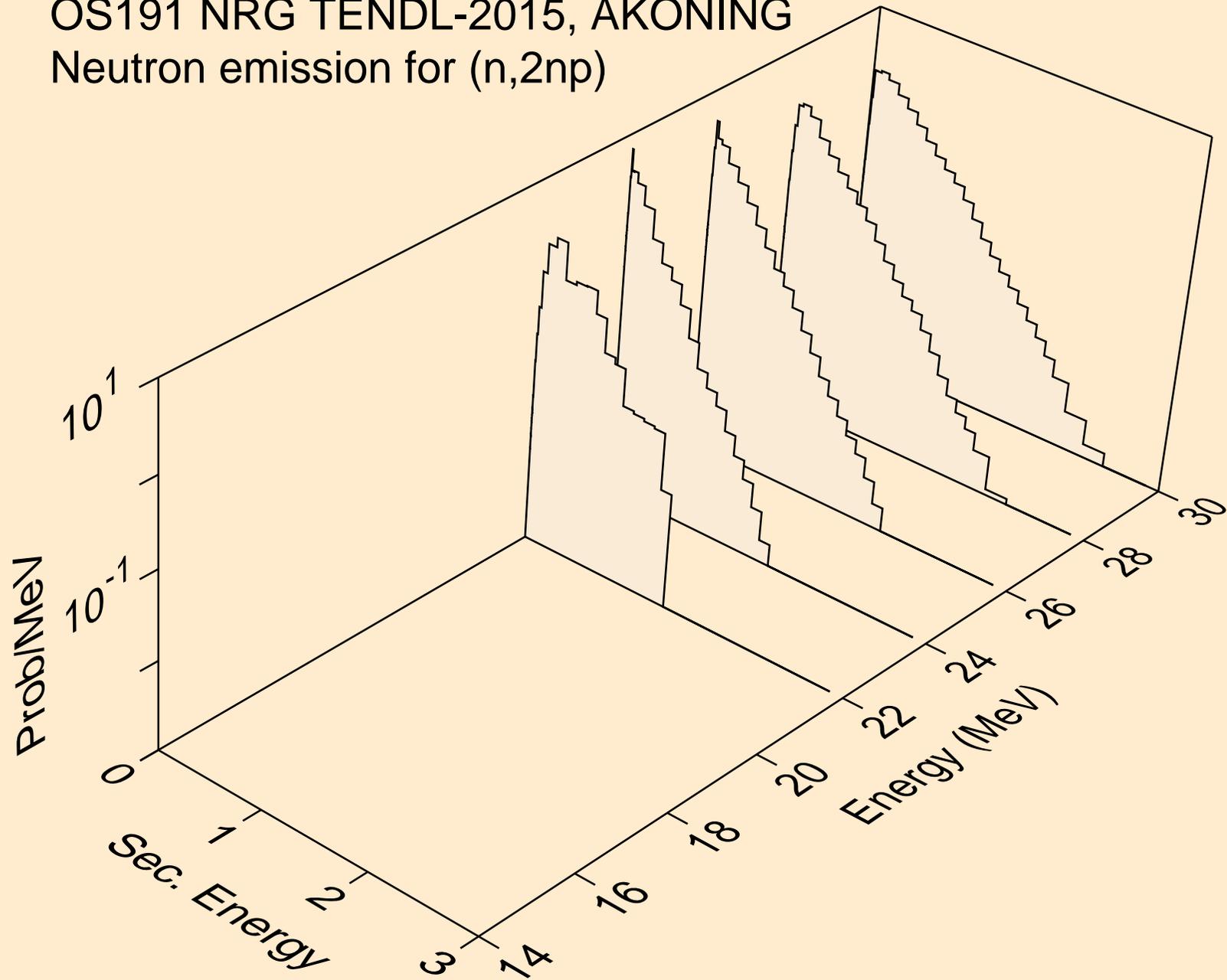
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



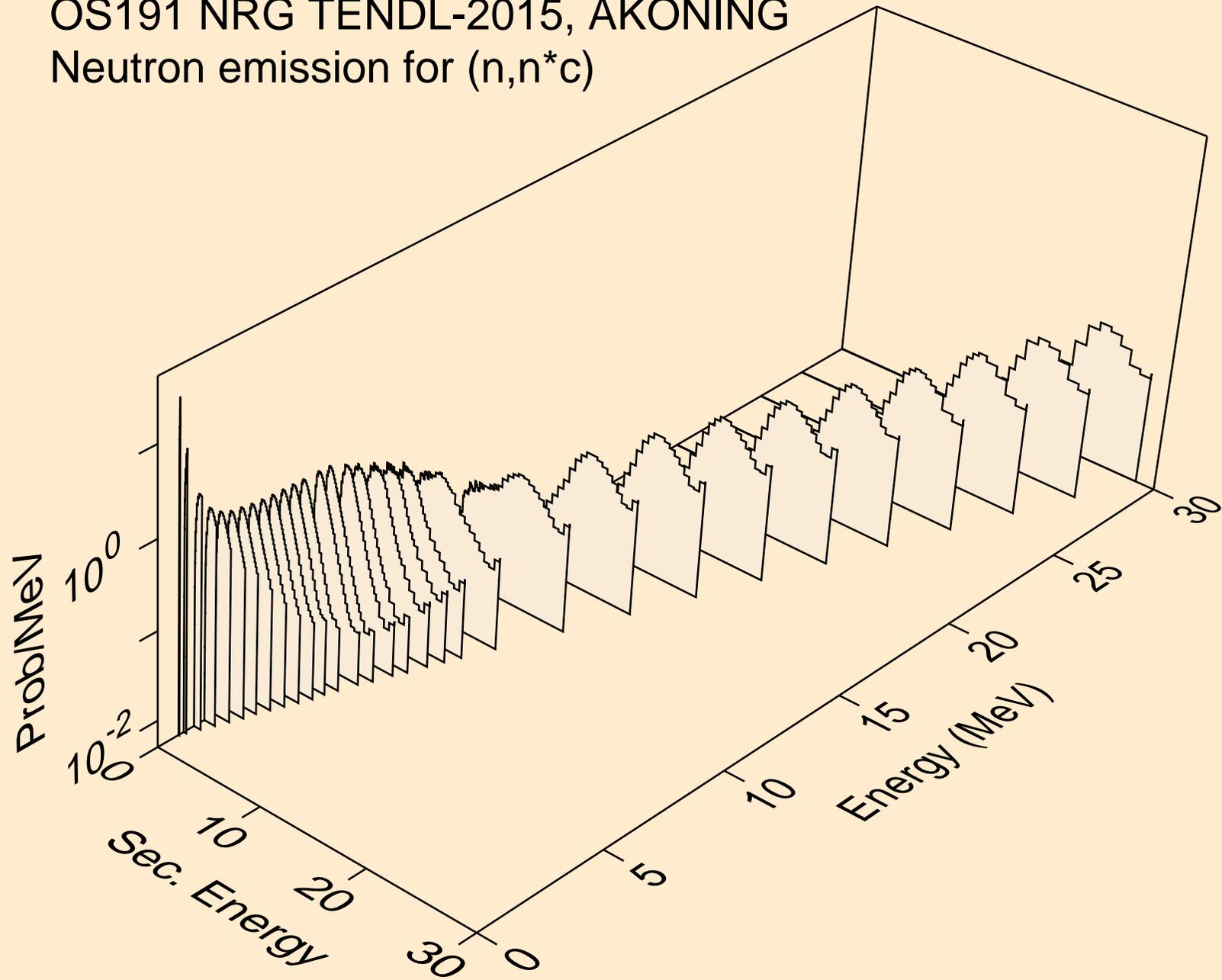
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



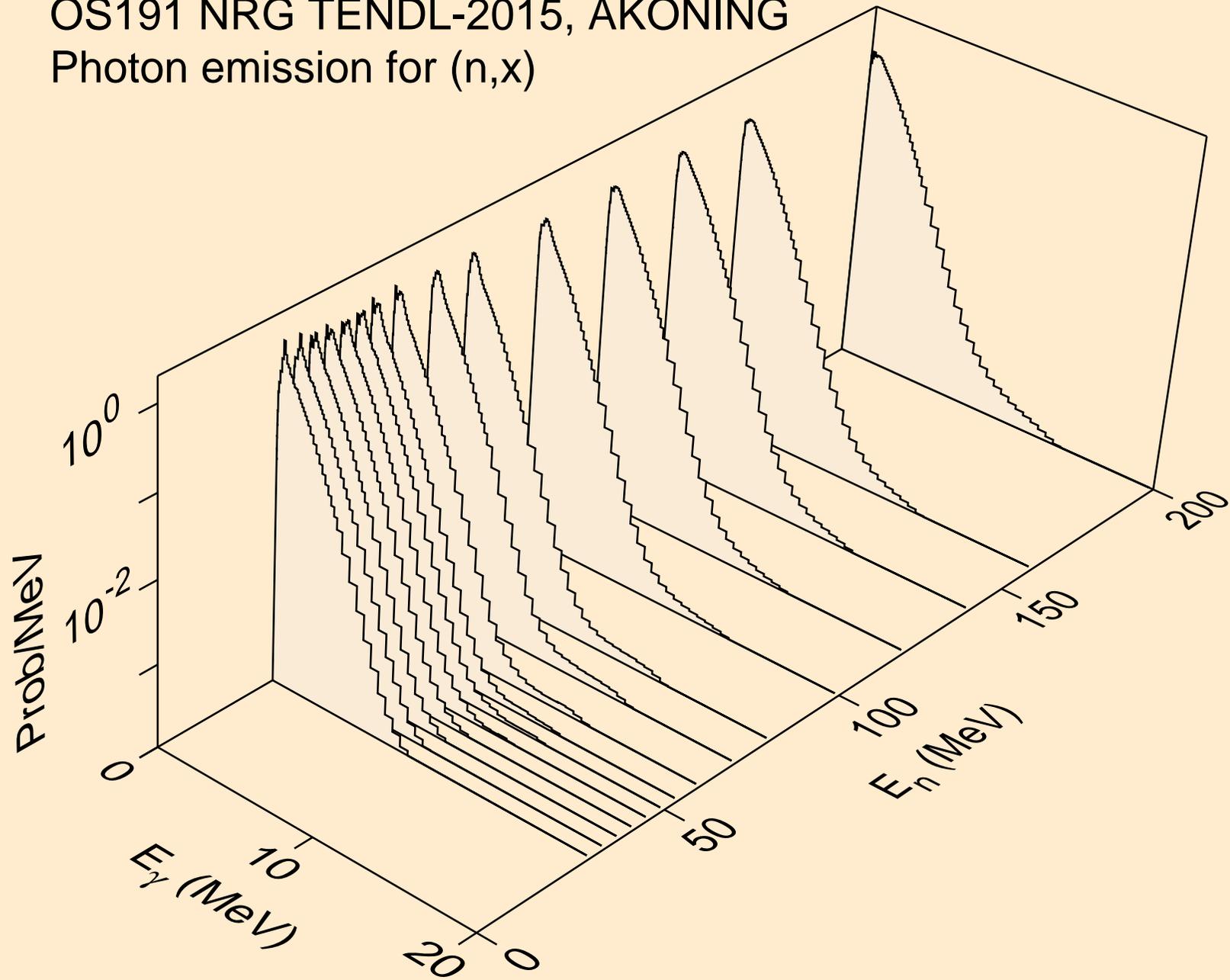
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



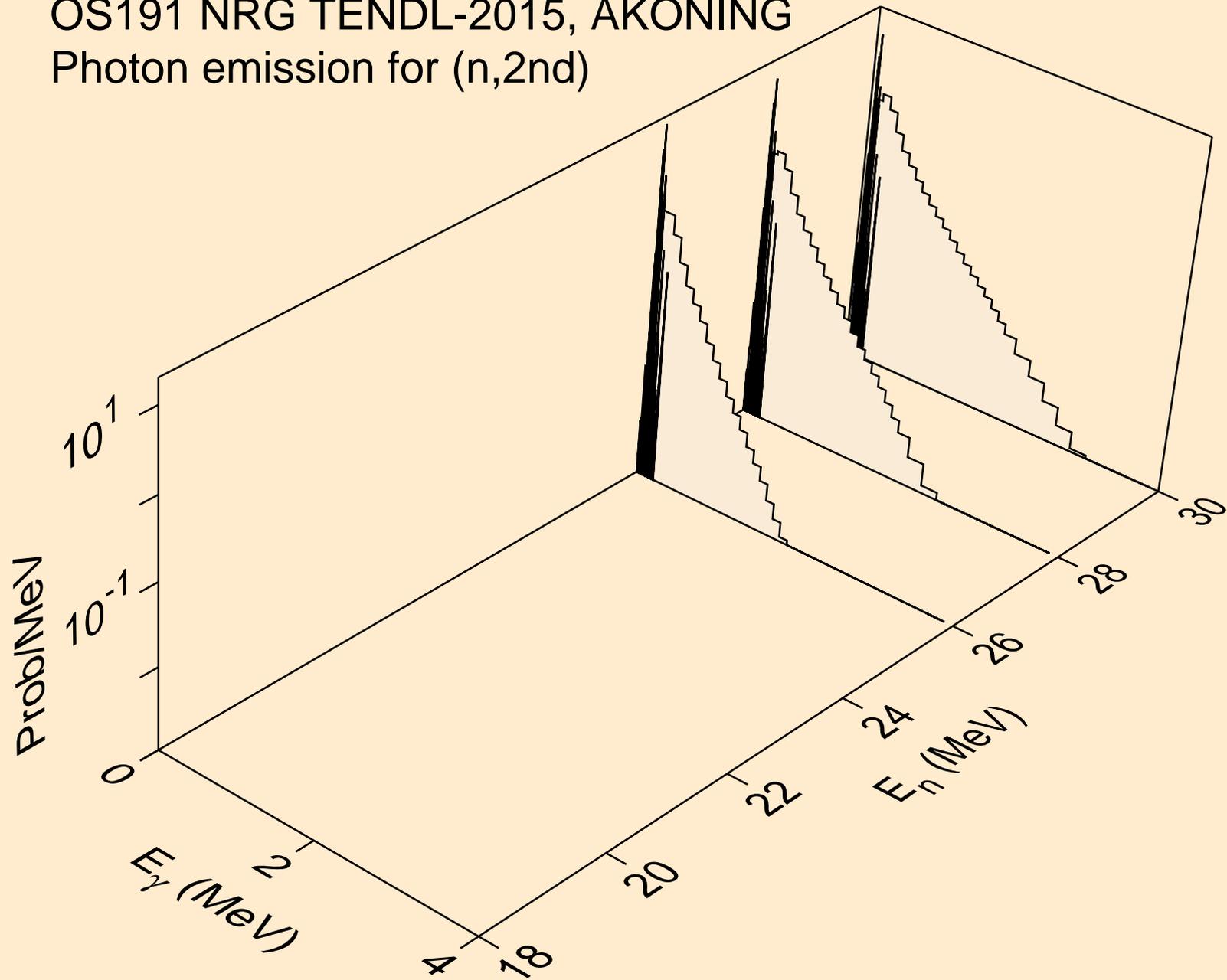
OS191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



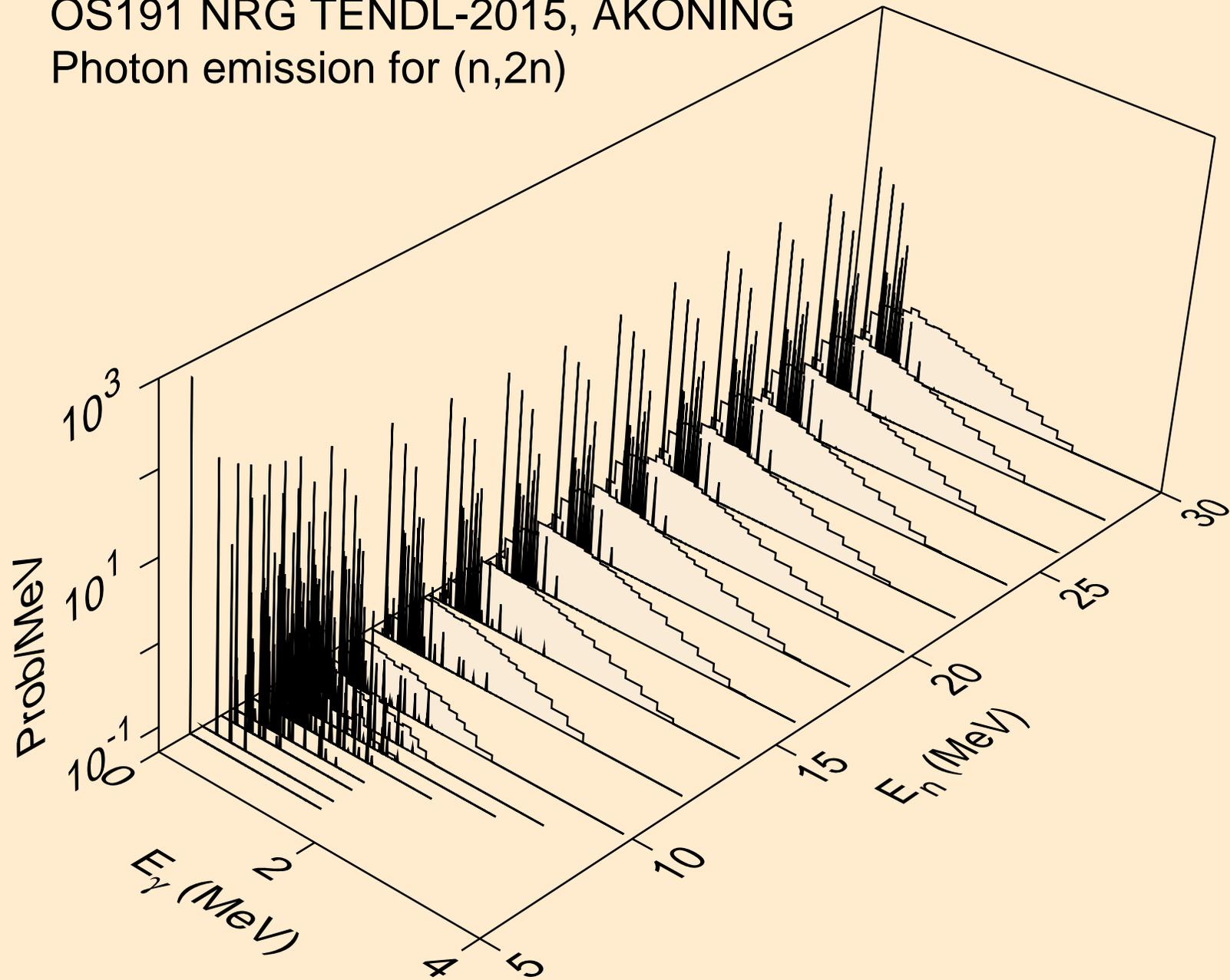
OS191 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



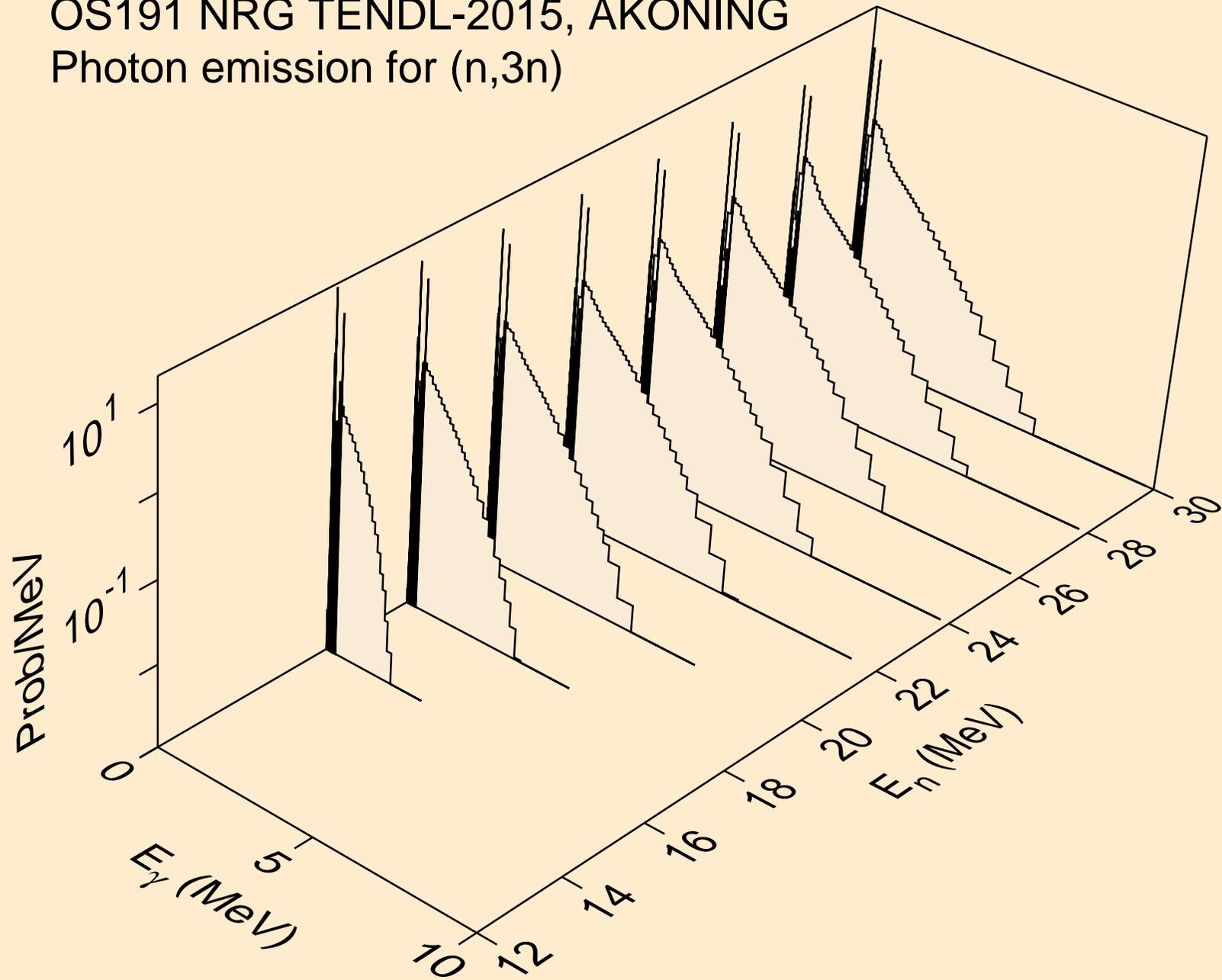
OS191 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



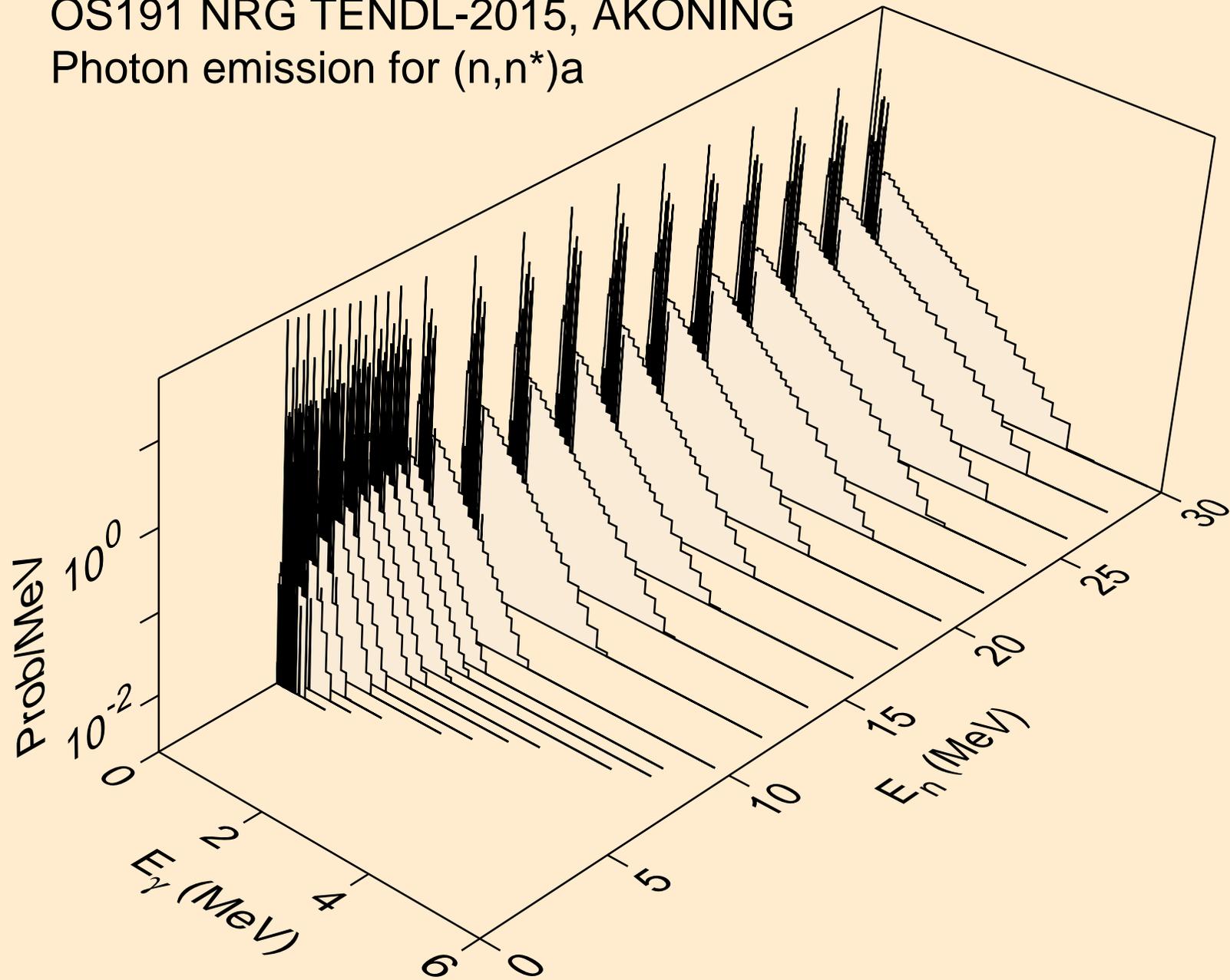
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Photon emission for (n,2n)



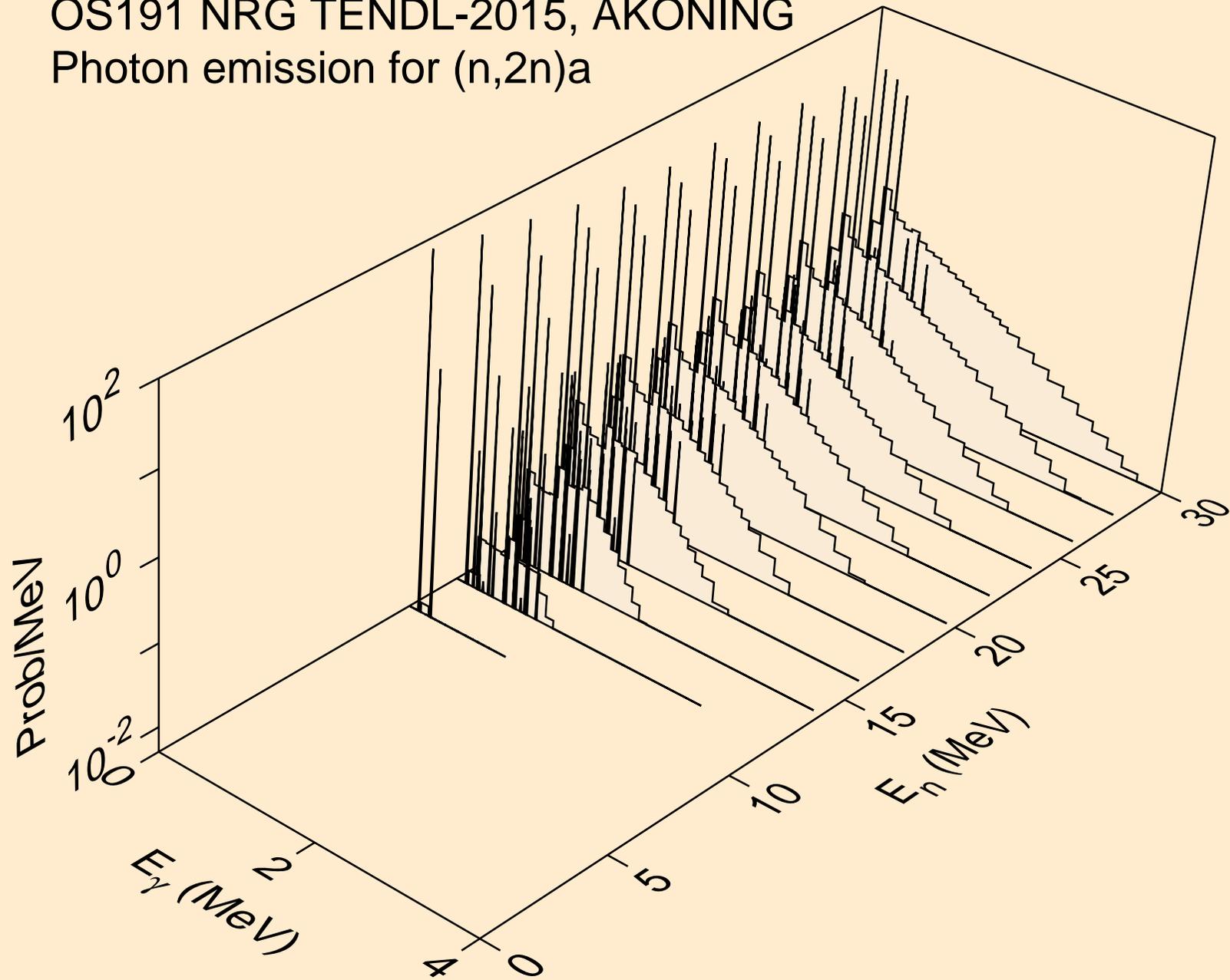
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Photon emission for (n,3n)



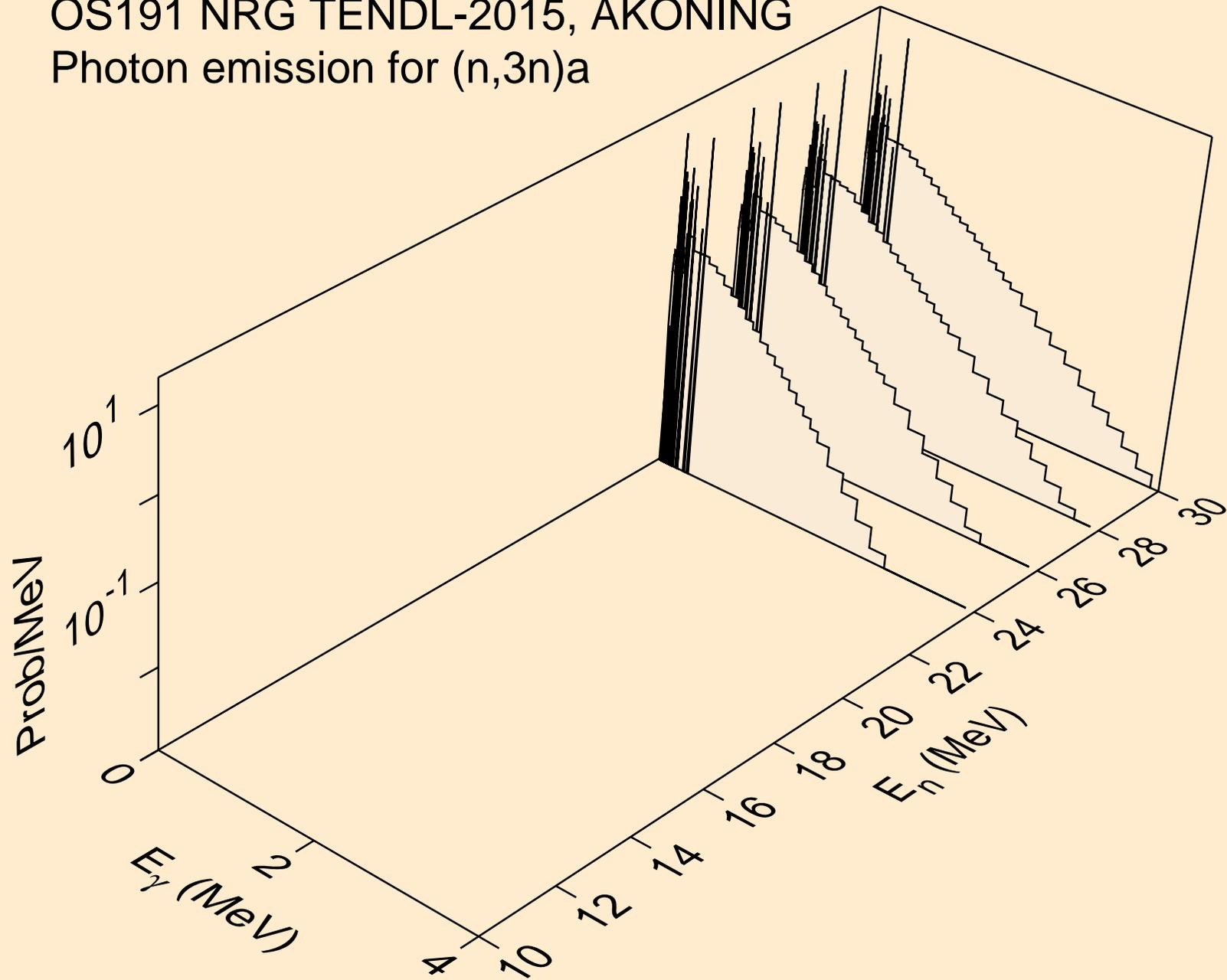
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Photon emission for (n,n\*)a



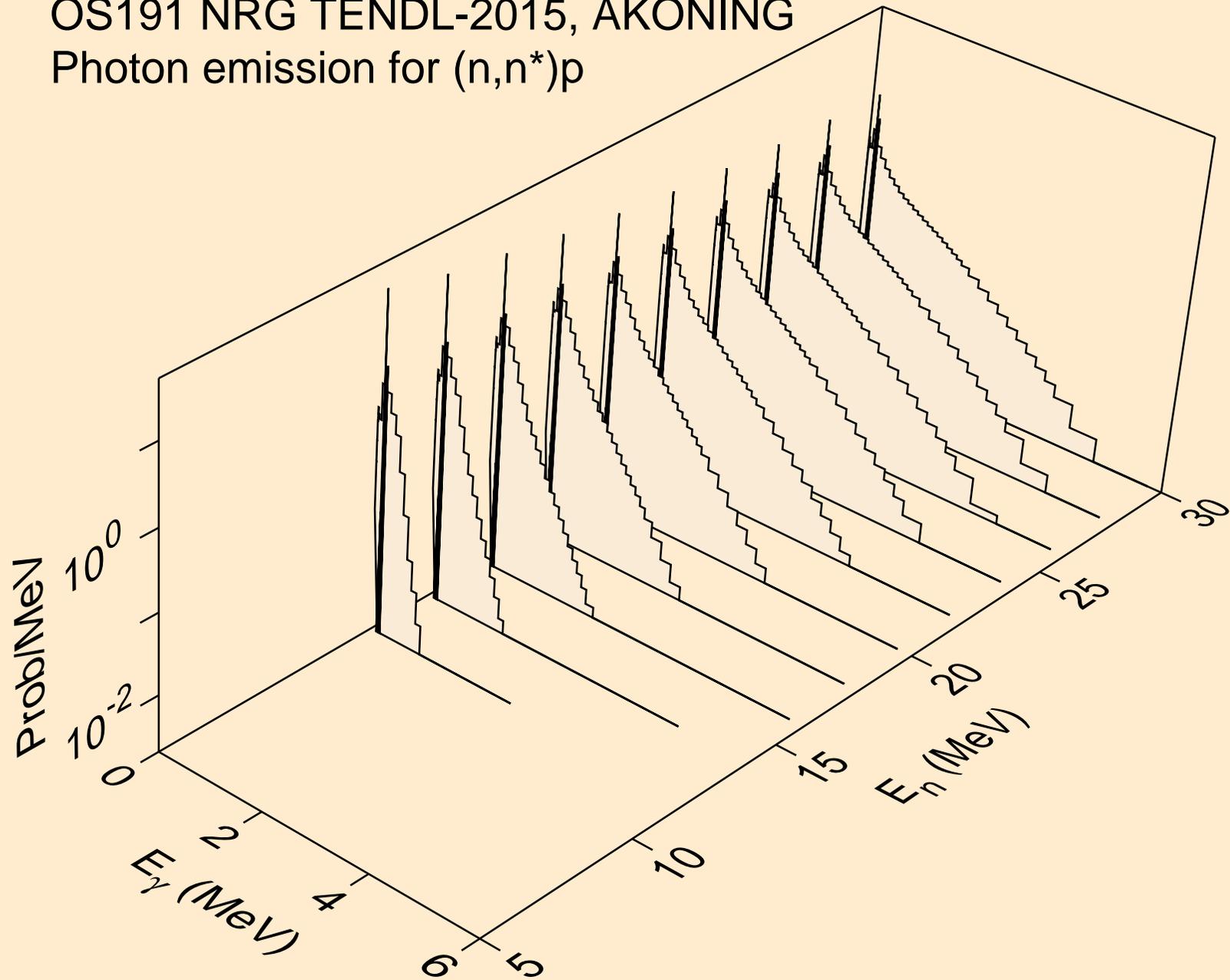
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Photon emission for (n,2n)a



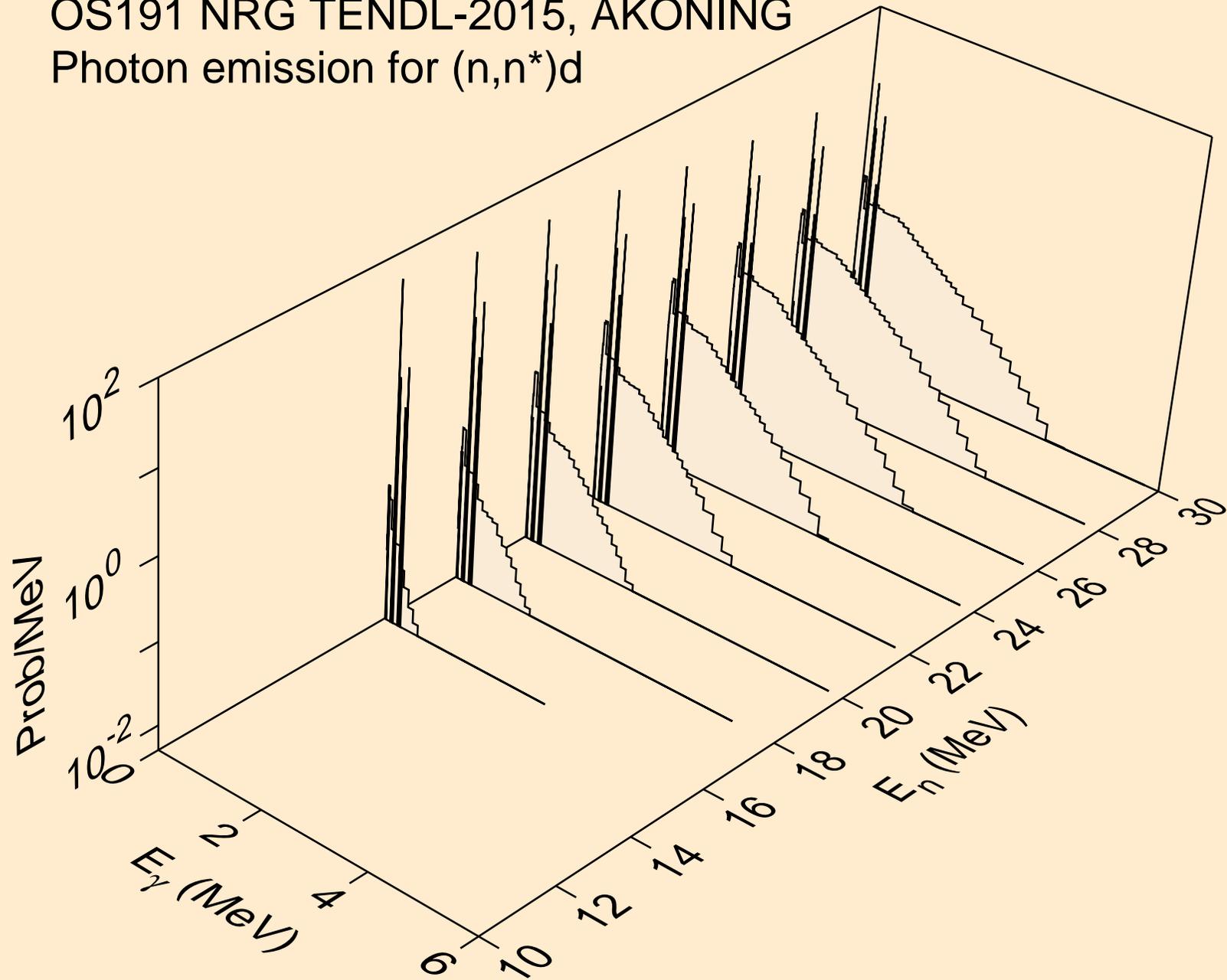
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Photon emission for (n,3n)a



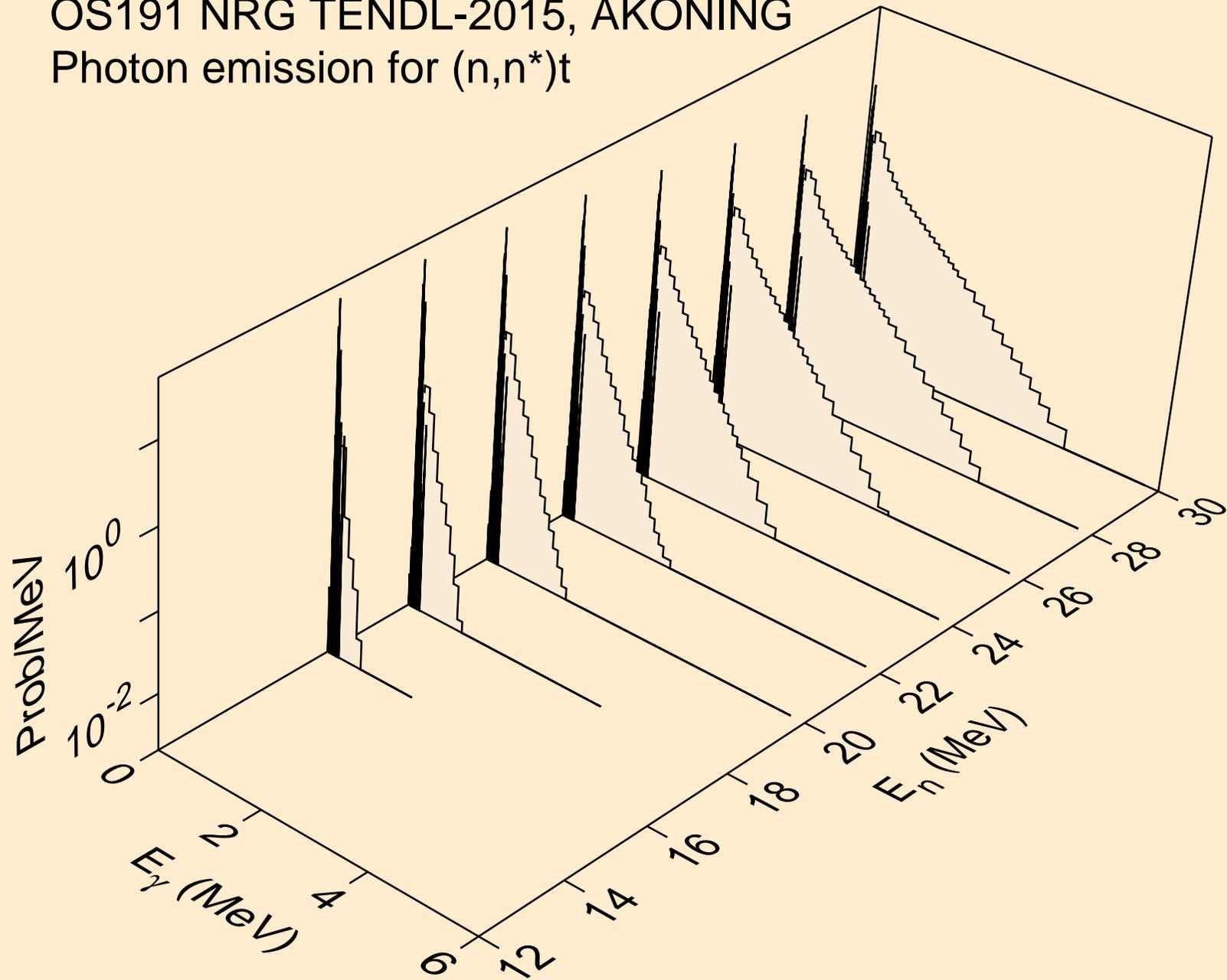
OS191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



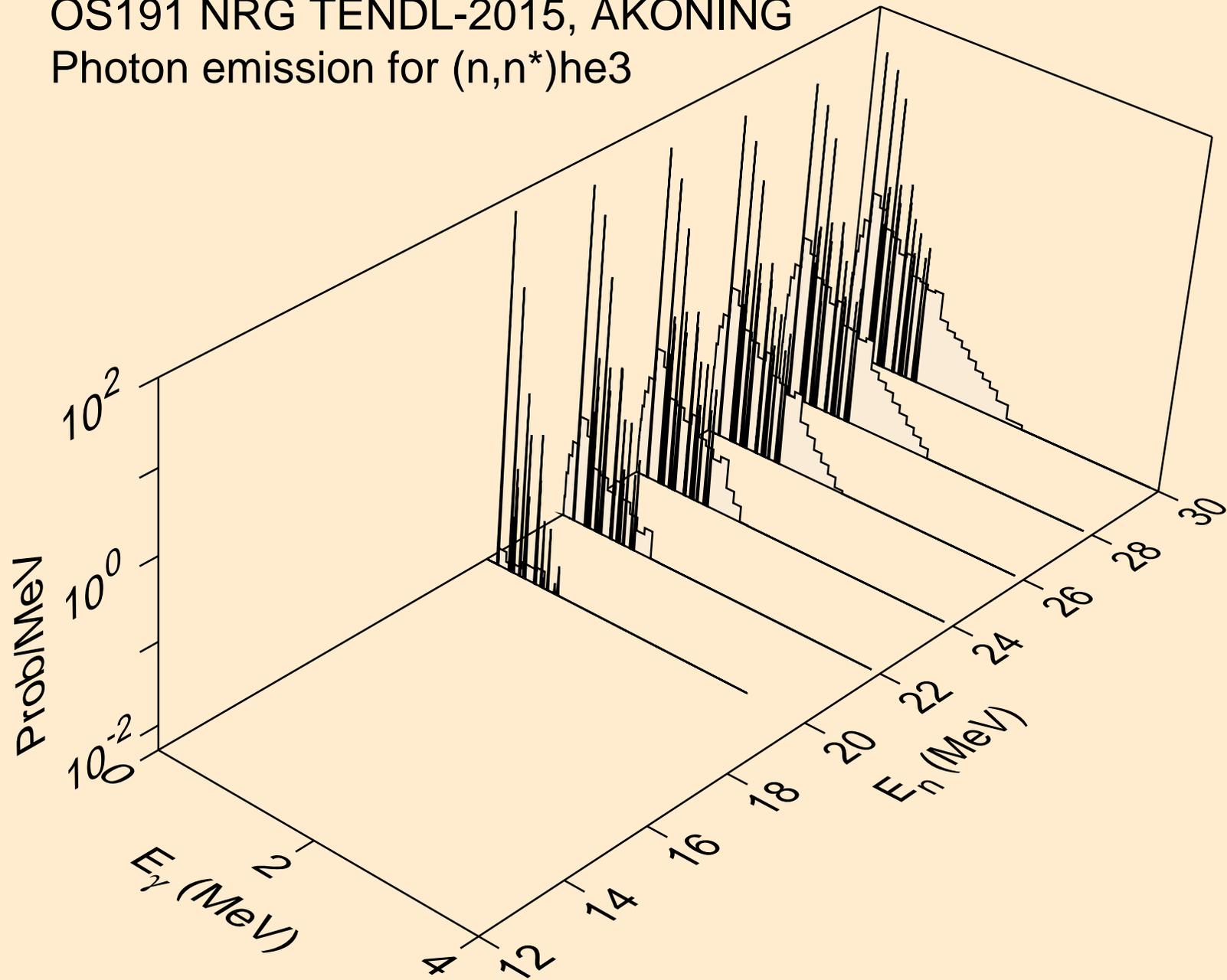
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Photon emission for (n,n\*)d



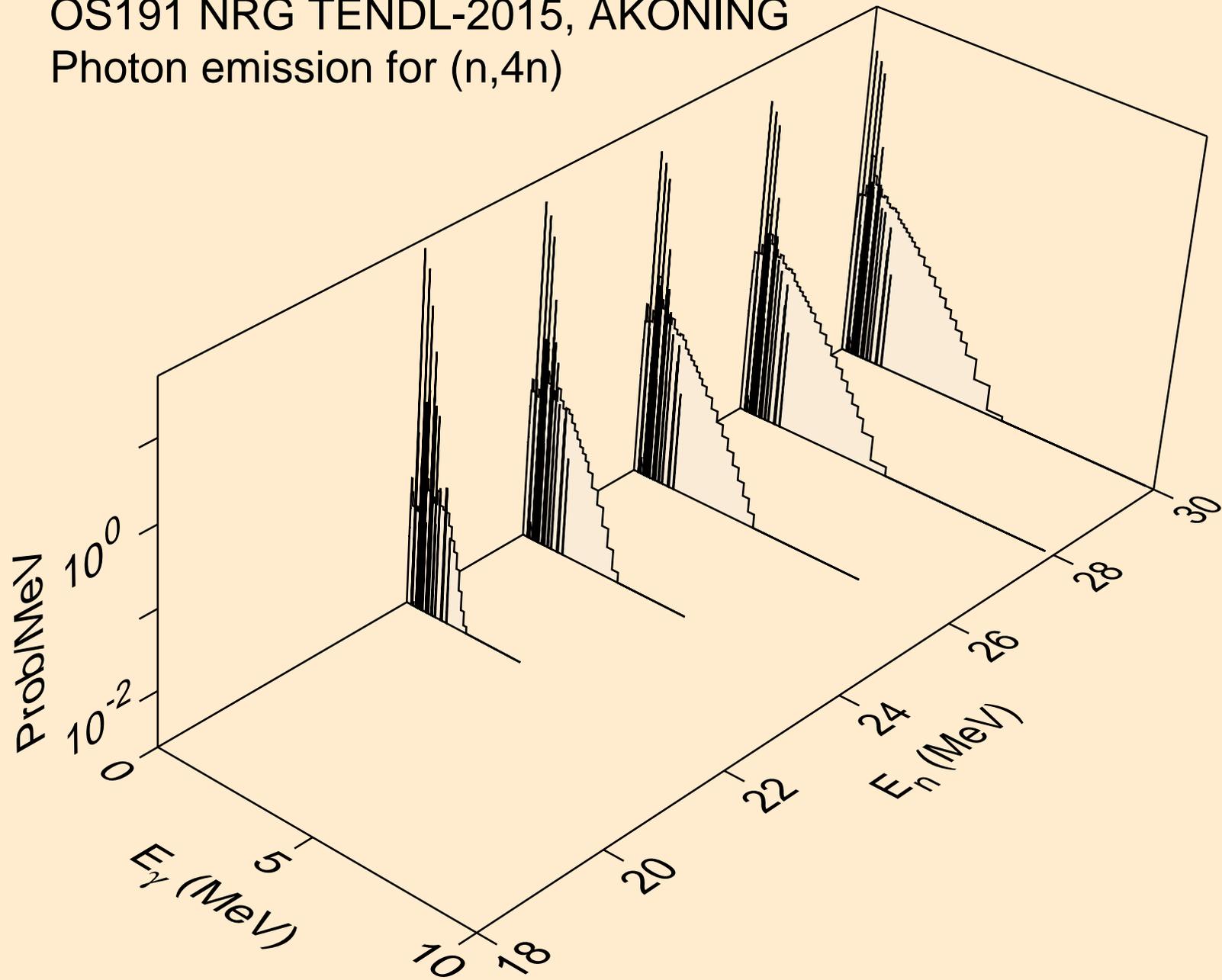
OS191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



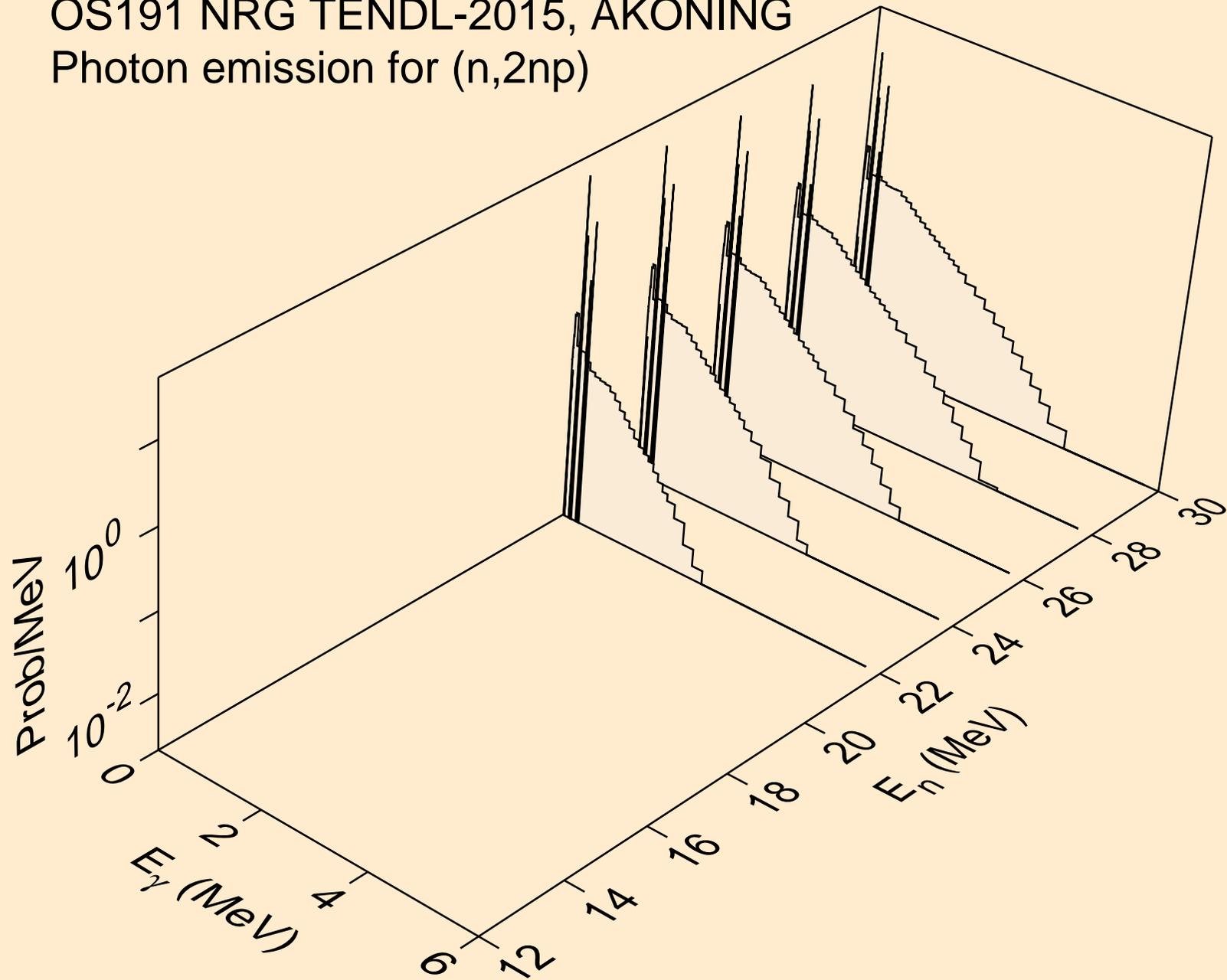
OS191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



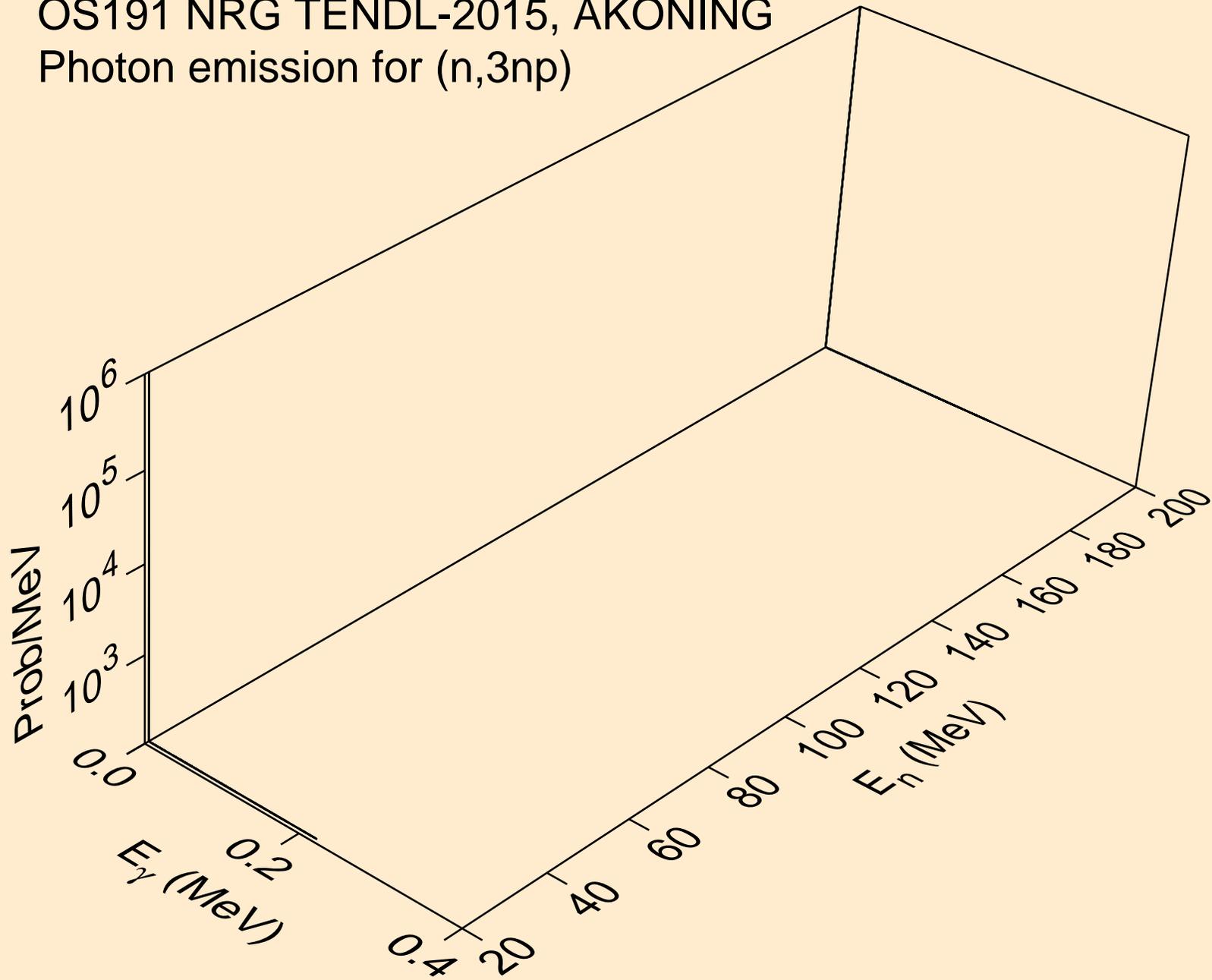
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Photon emission for (n,4n)



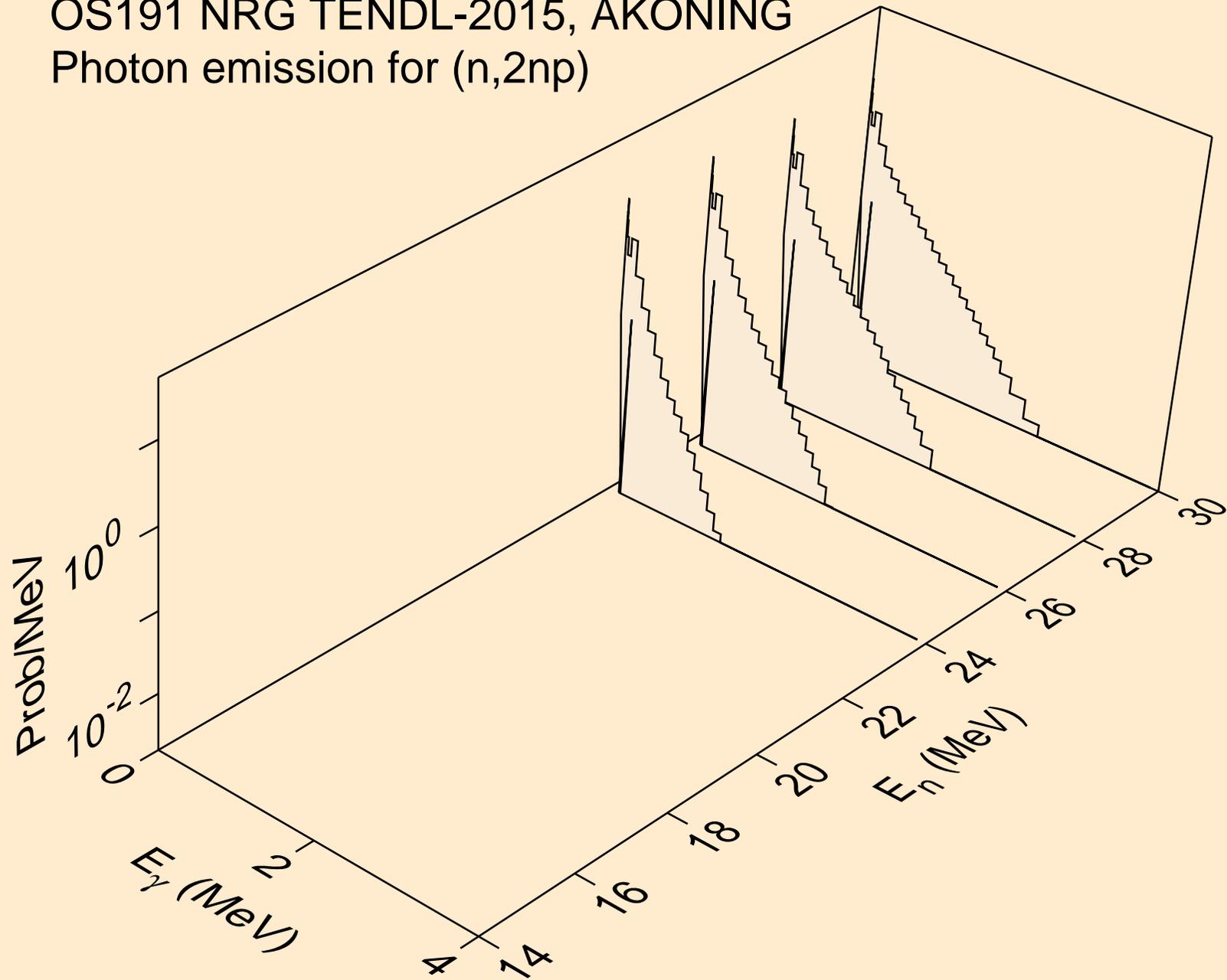
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Photon emission for (n,2np)



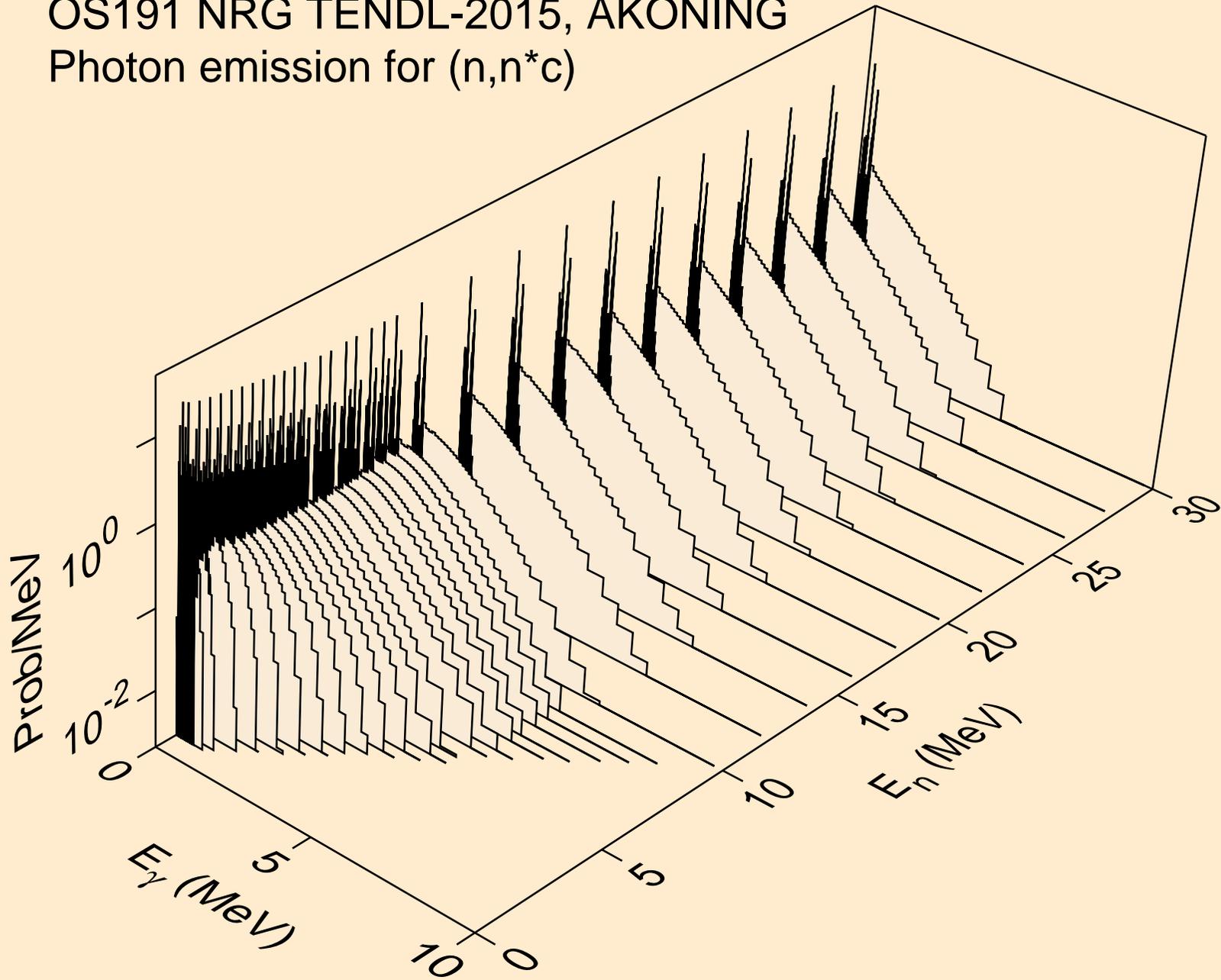
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Photon emission for (n,3np)



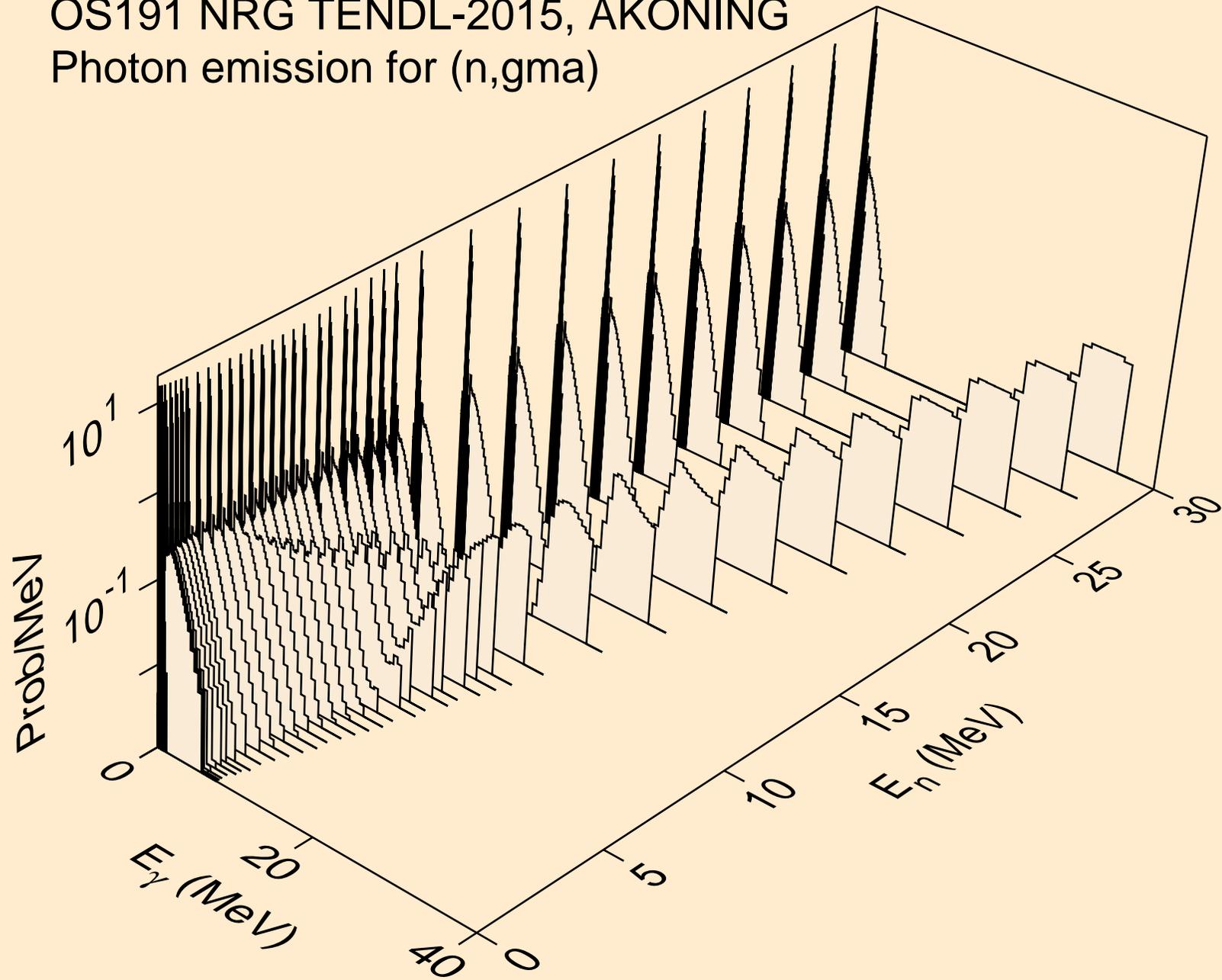
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Photon emission for (n,2np)



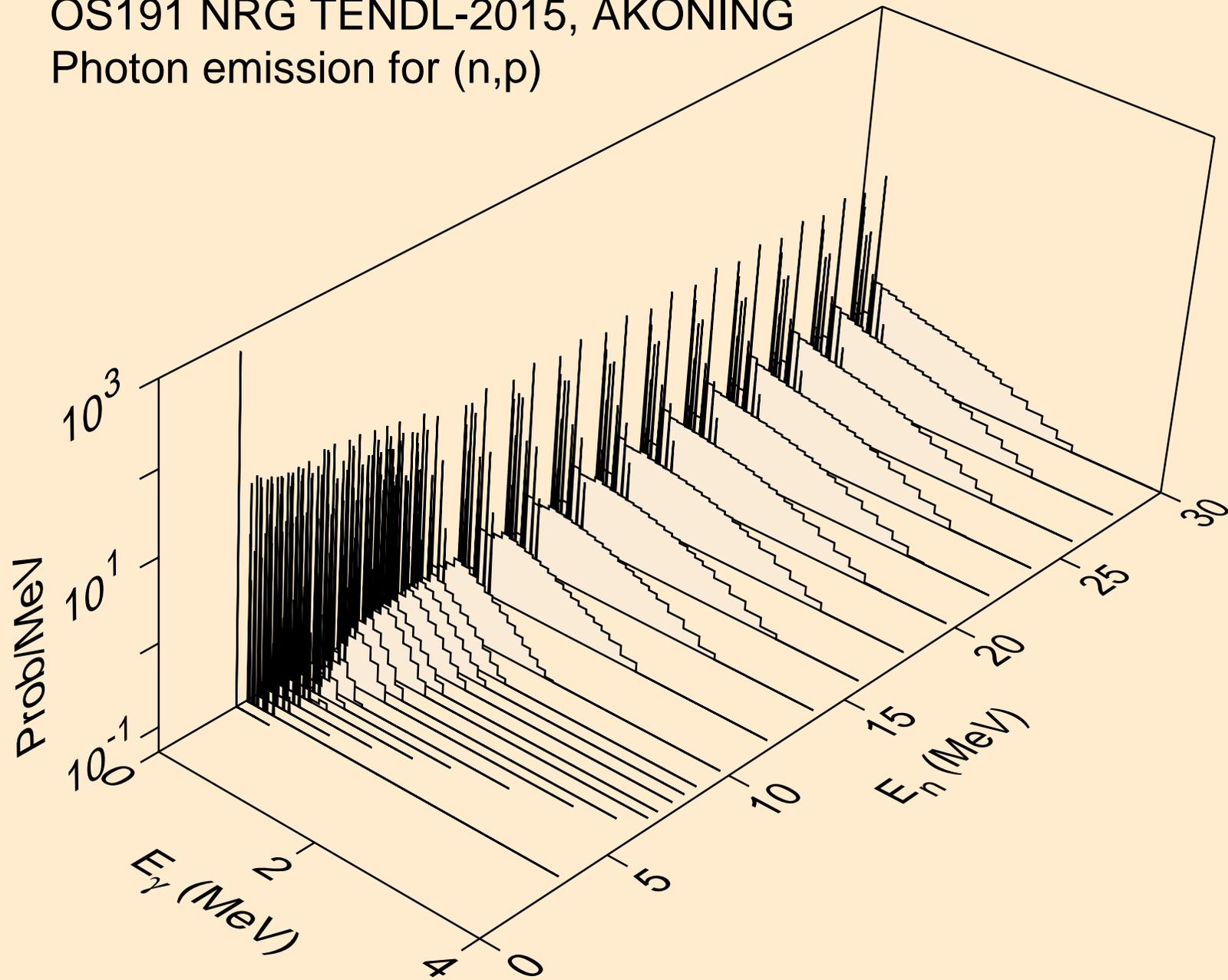
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Photon emission for (n,n\*c)



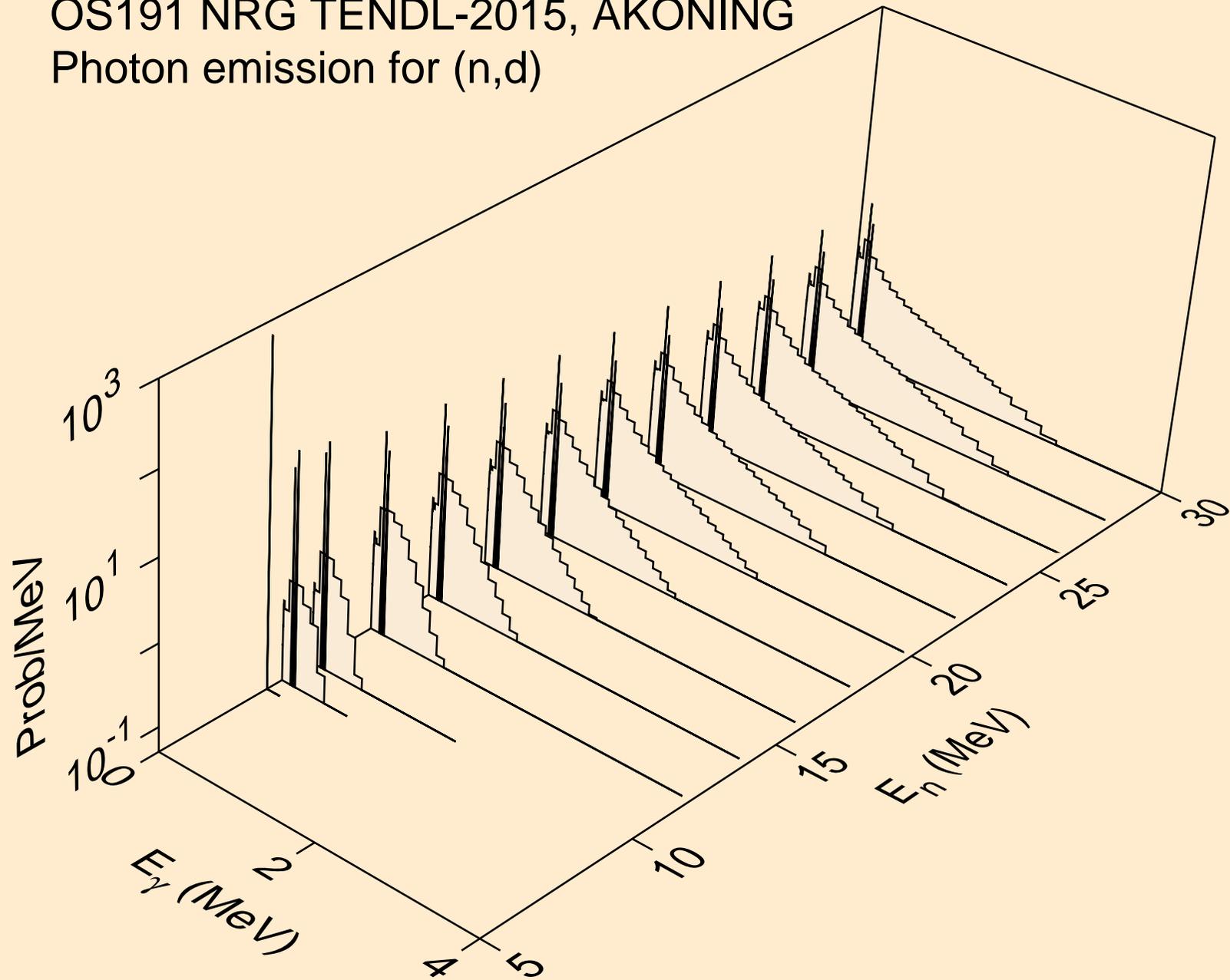
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Photon emission for (n,gma)



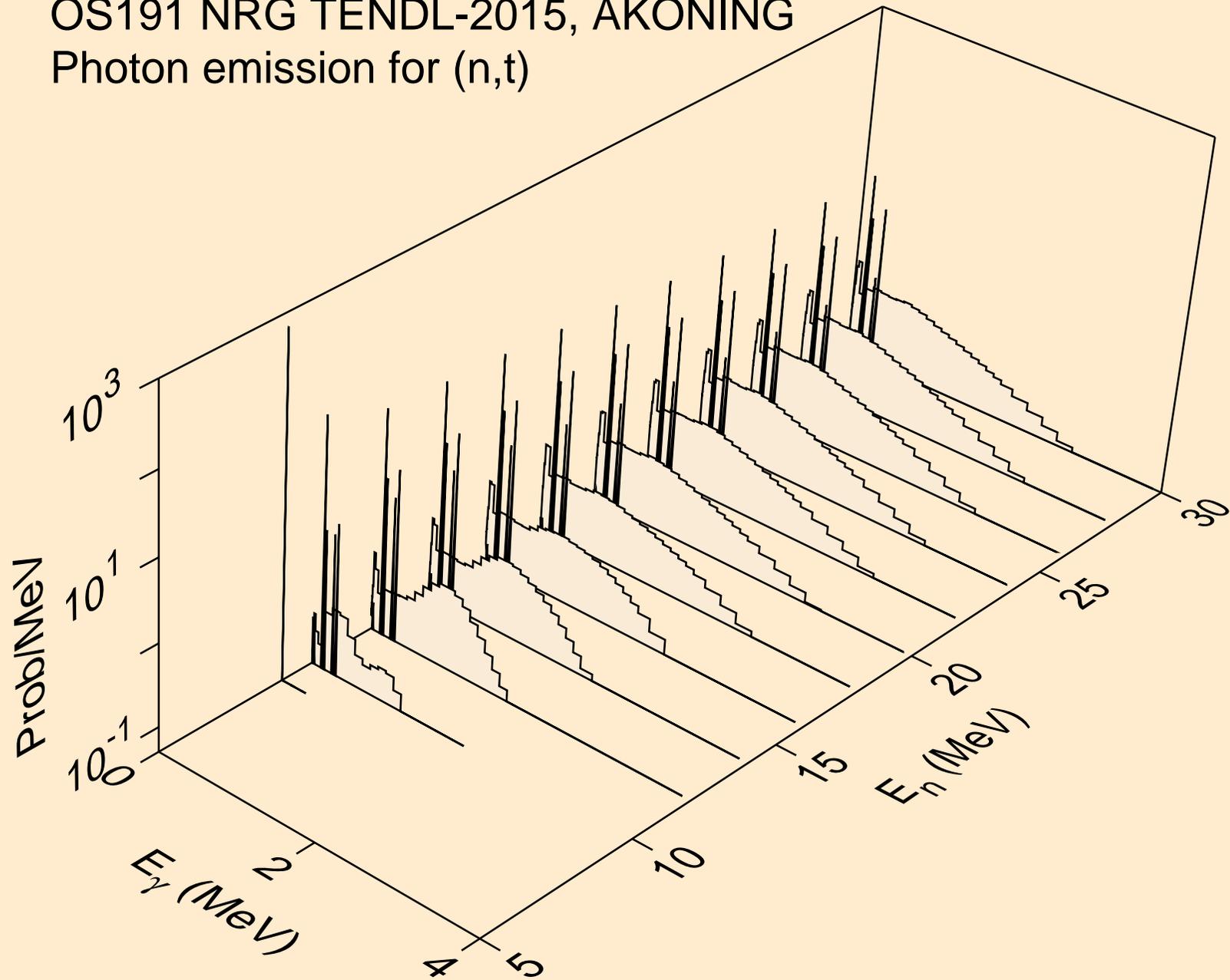
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Photon emission for (n,p)



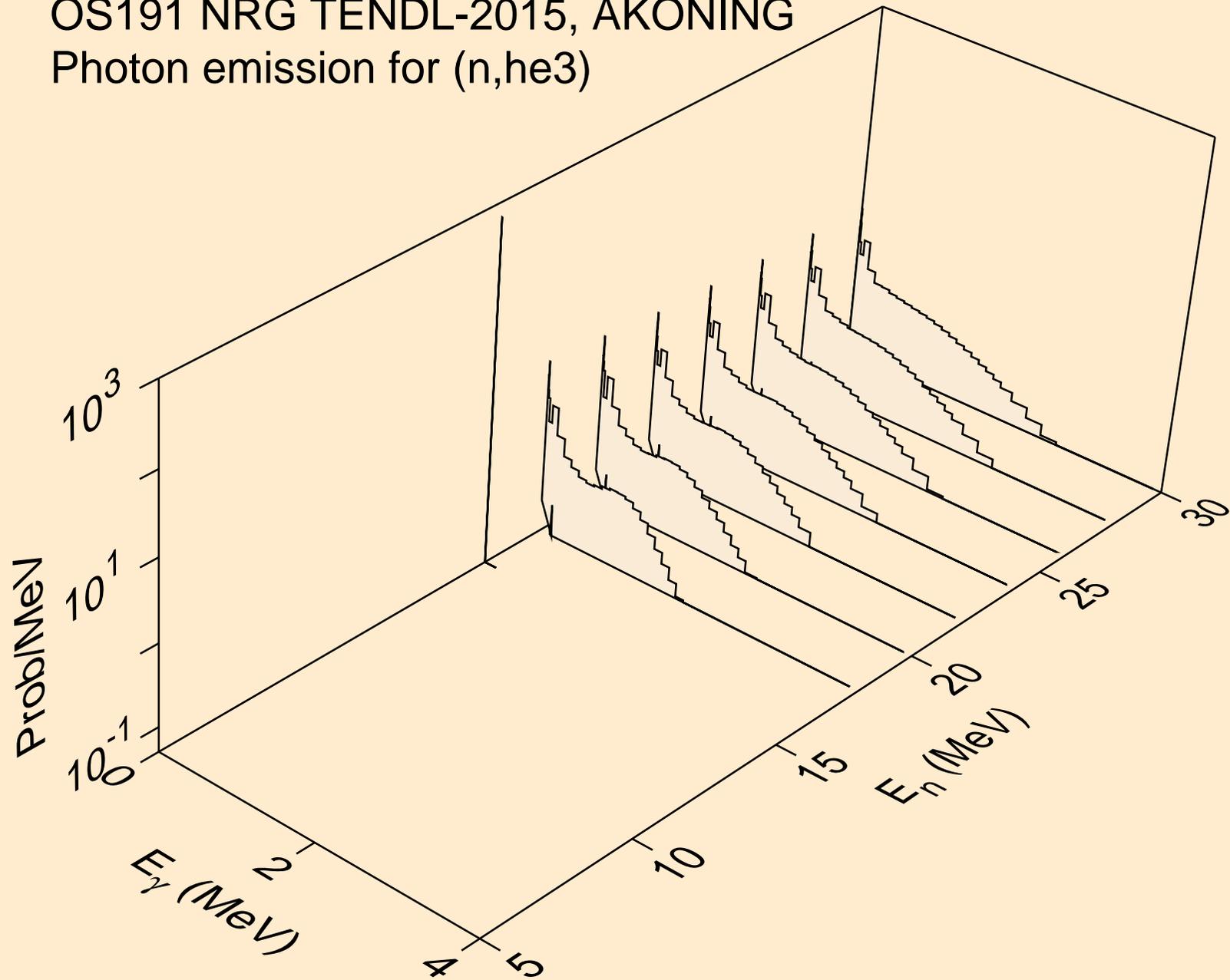
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Photon emission for (n,d)



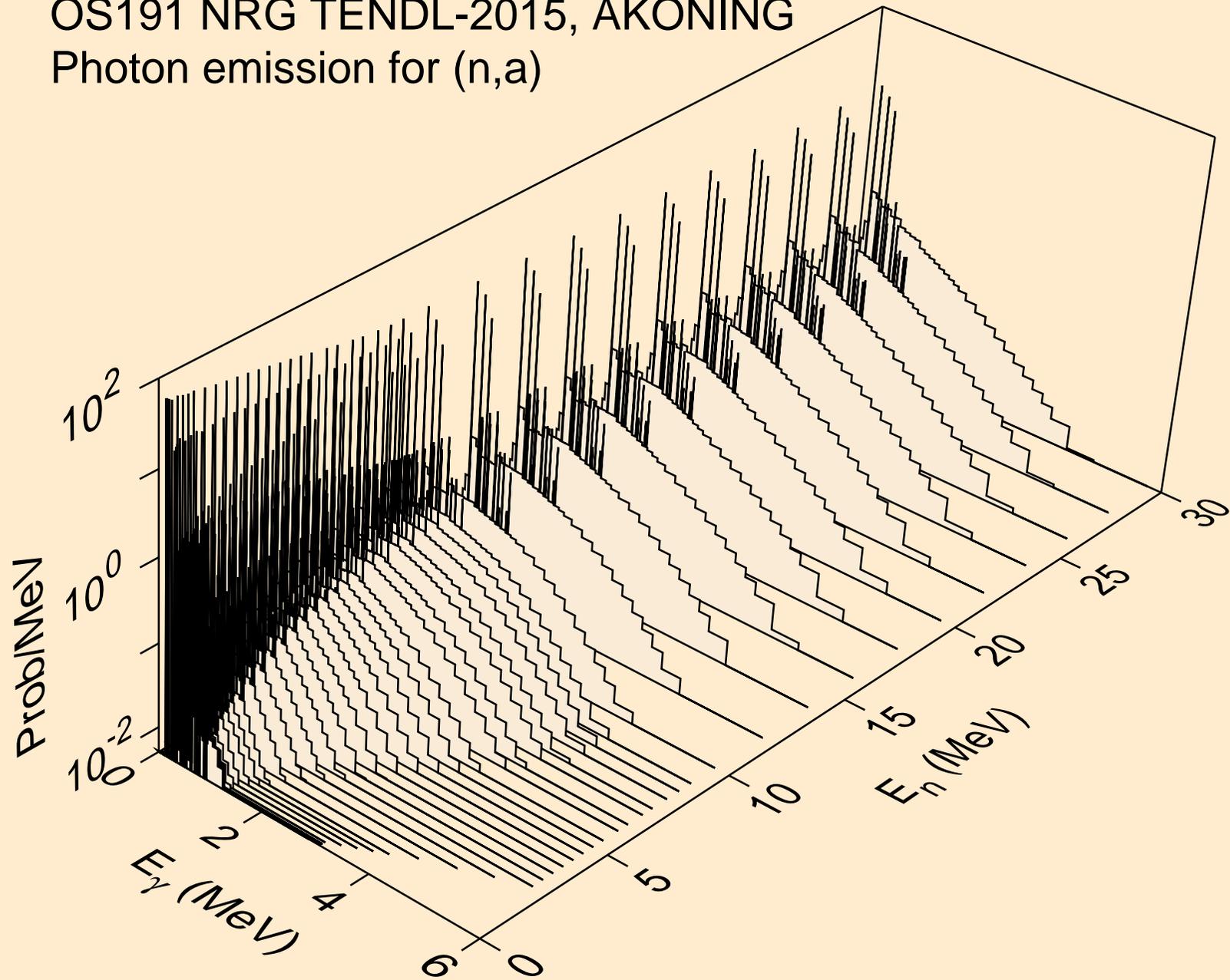
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Photon emission for (n,t)



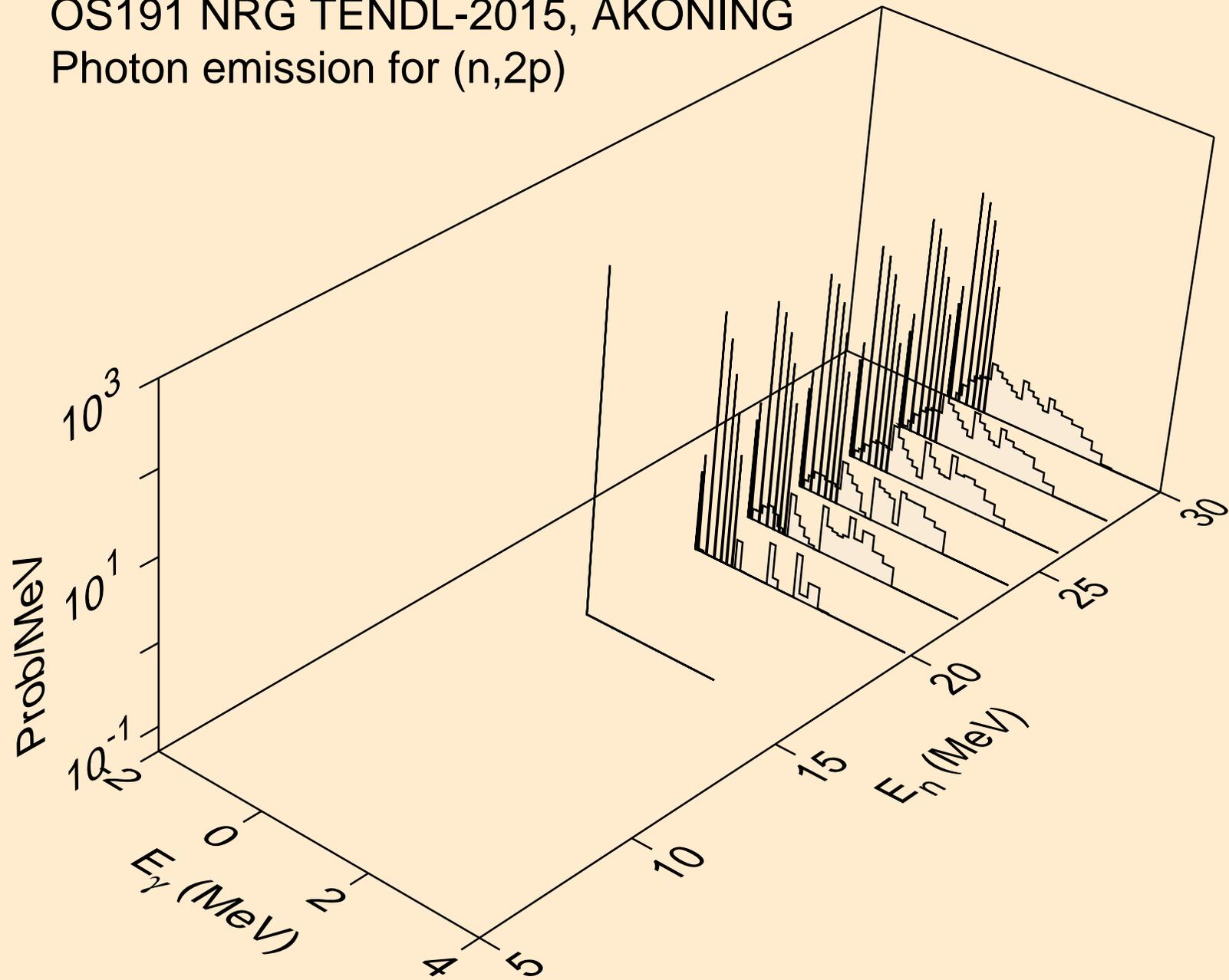
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Photon emission for (n,he3)



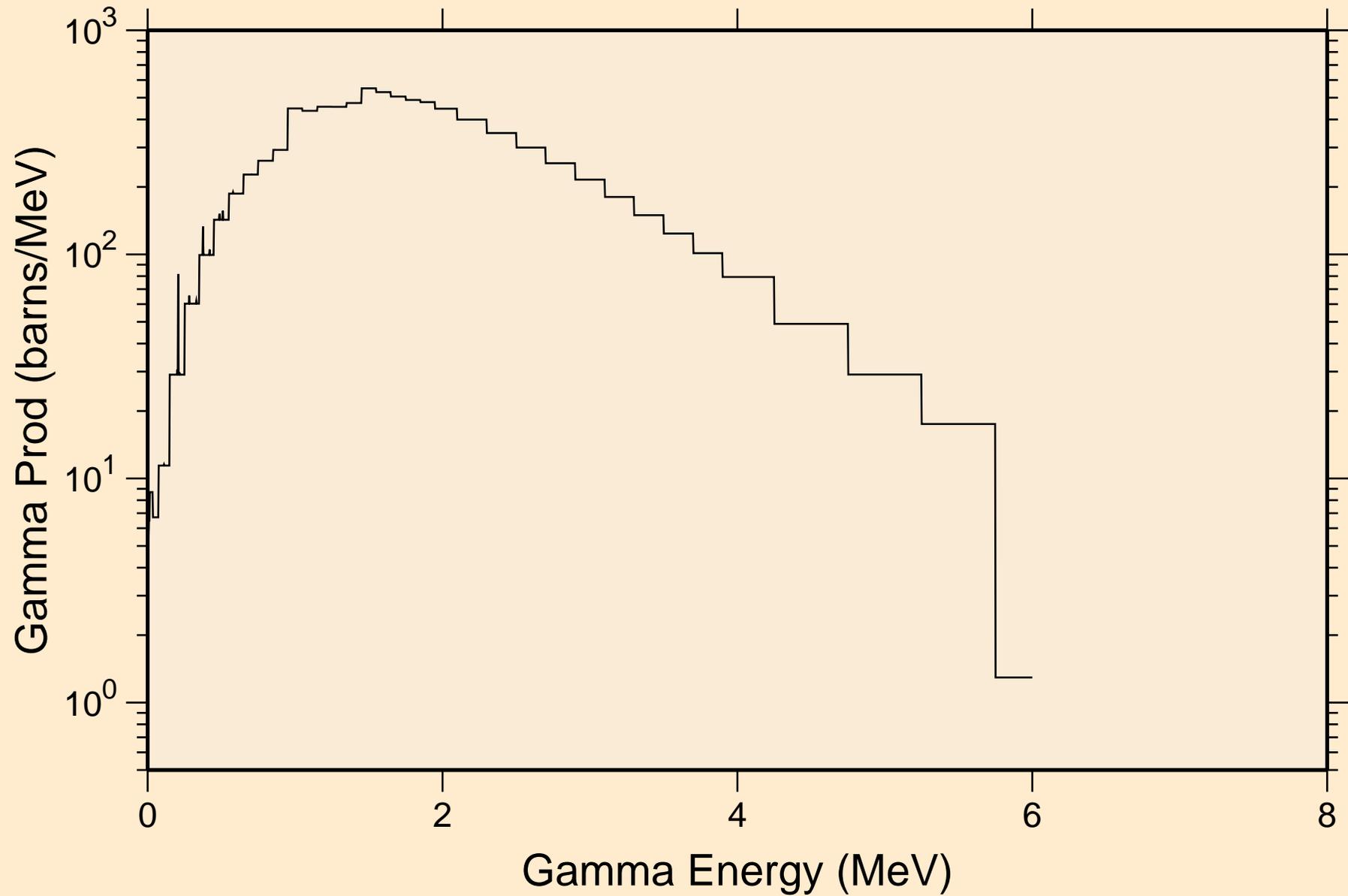
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Photon emission for (n,a)



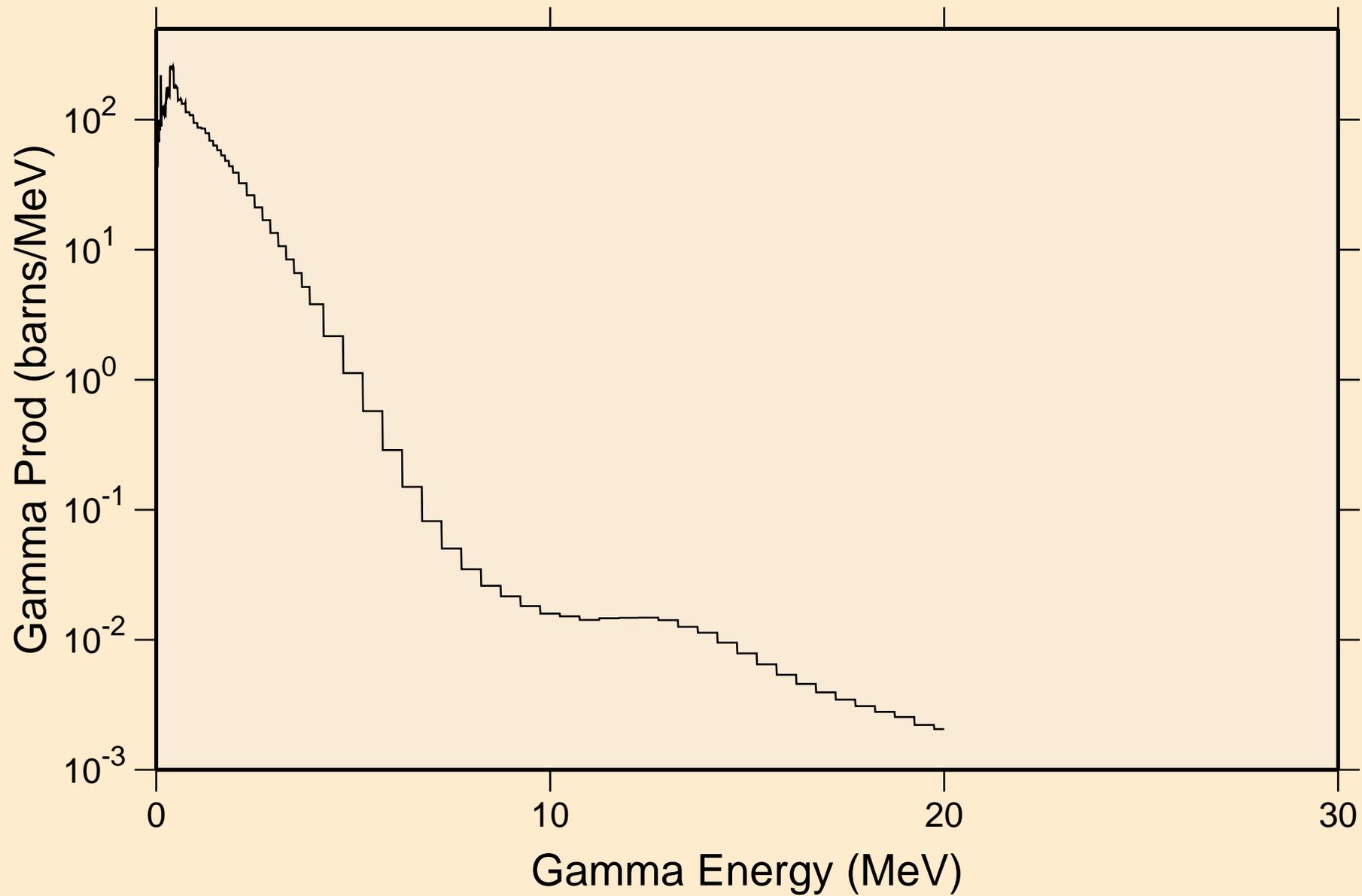
OS191 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



OS191 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

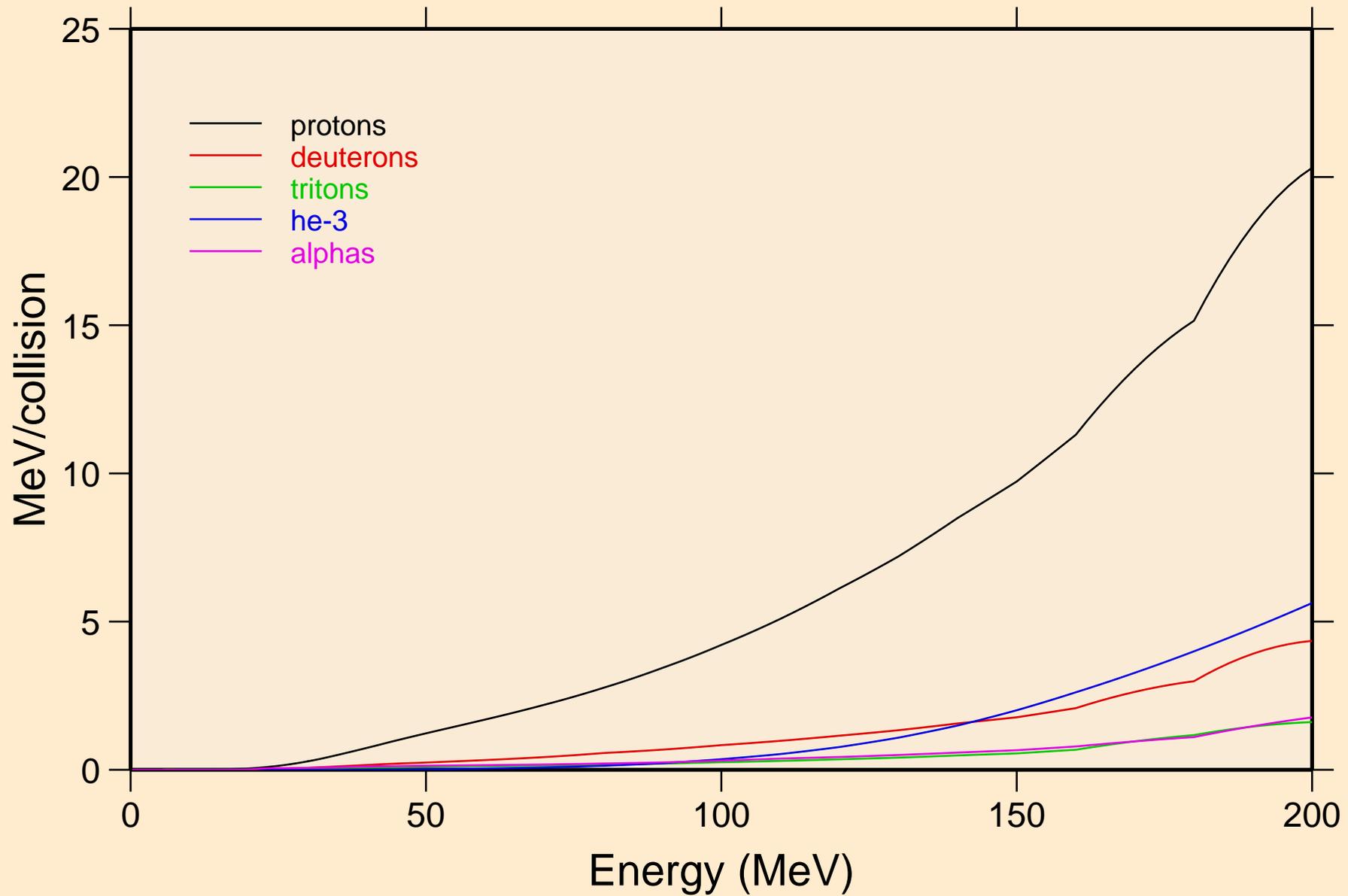


OS191 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



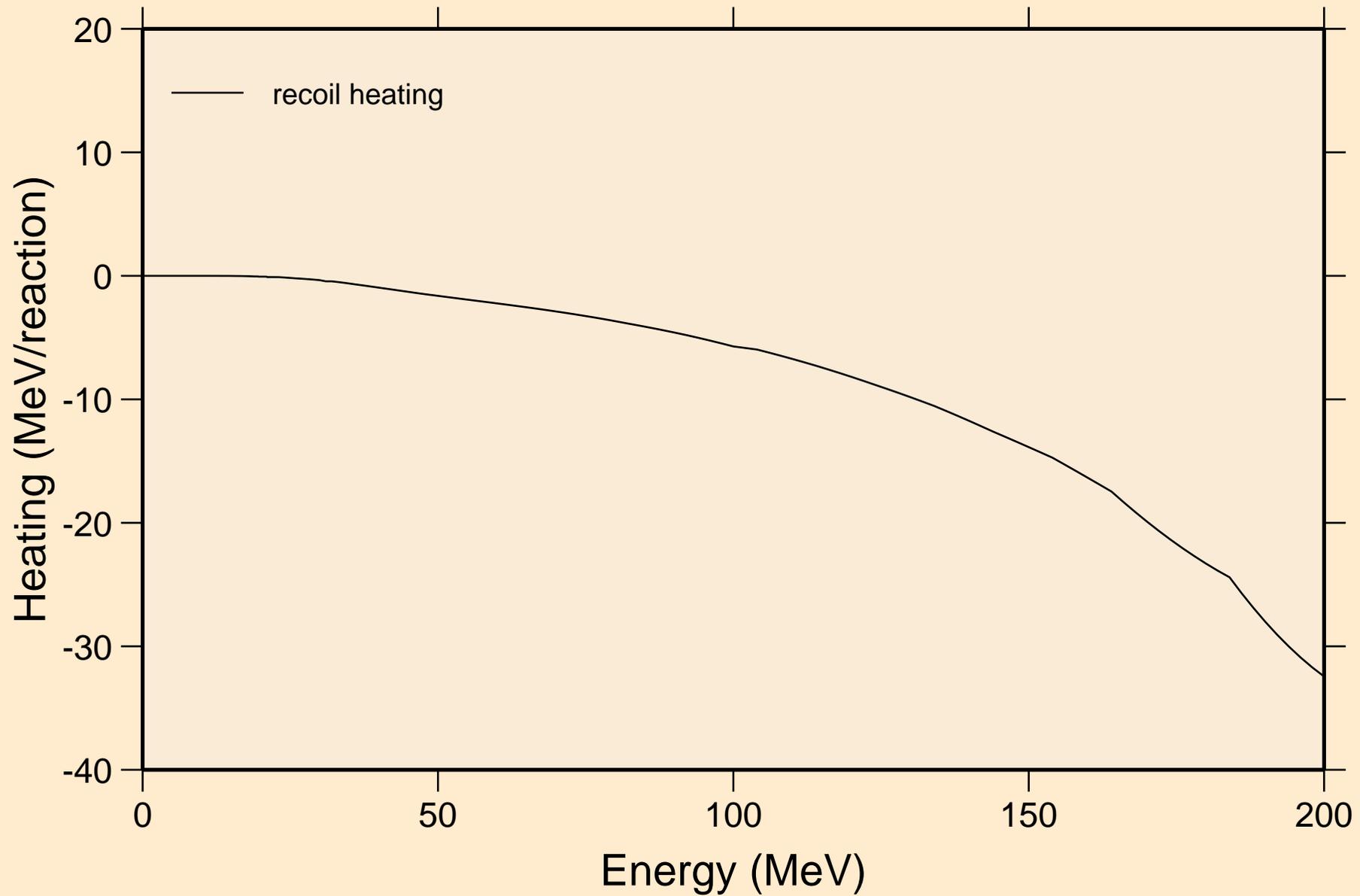
# OS191 NRG TENDL-2015, AKONING

## Particle heating contributions



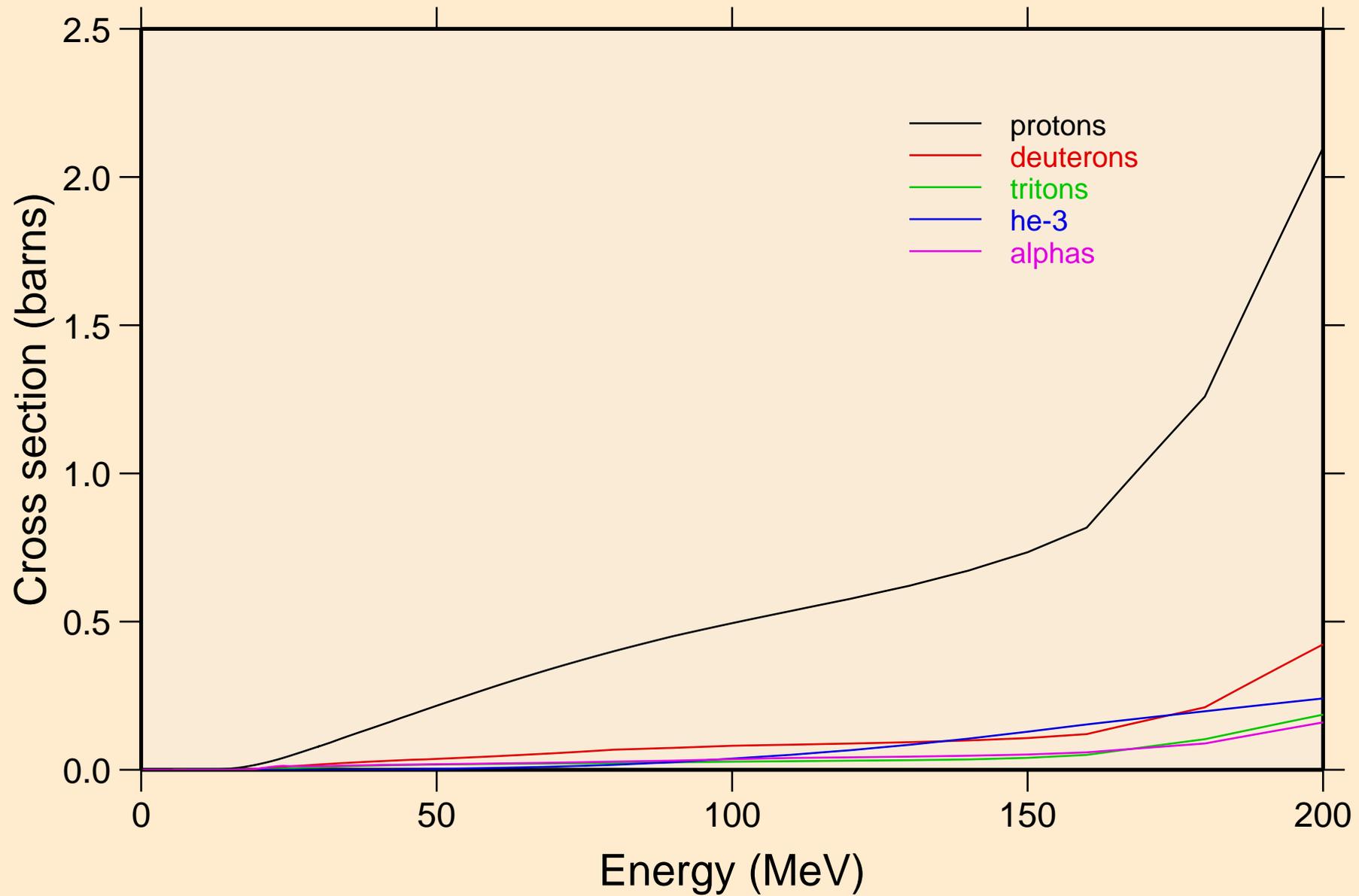
# OS191 NRG TENDL-2015, AKONING

## Recoil Heating

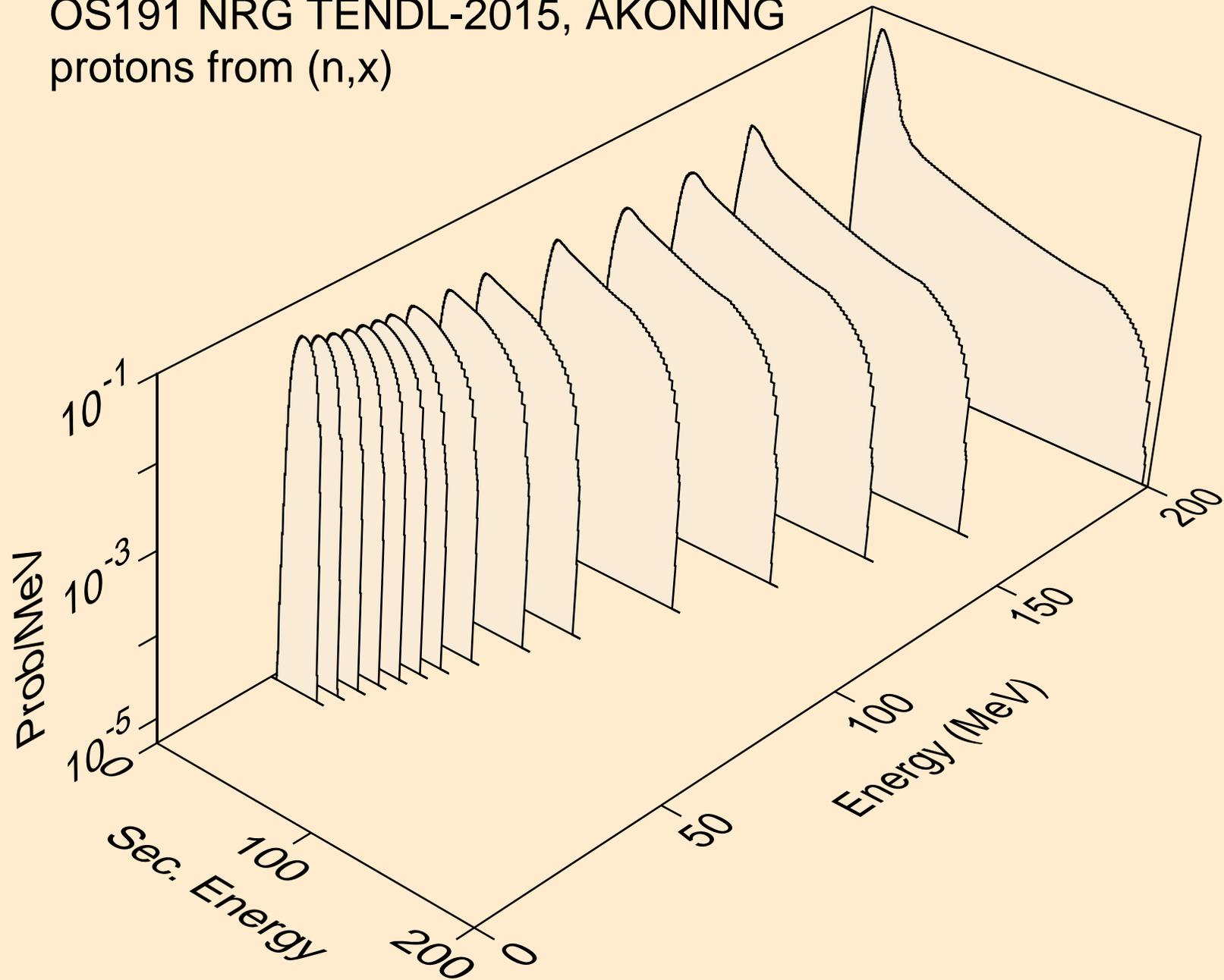


# OS191 NRG TENDL-2015, AKONING

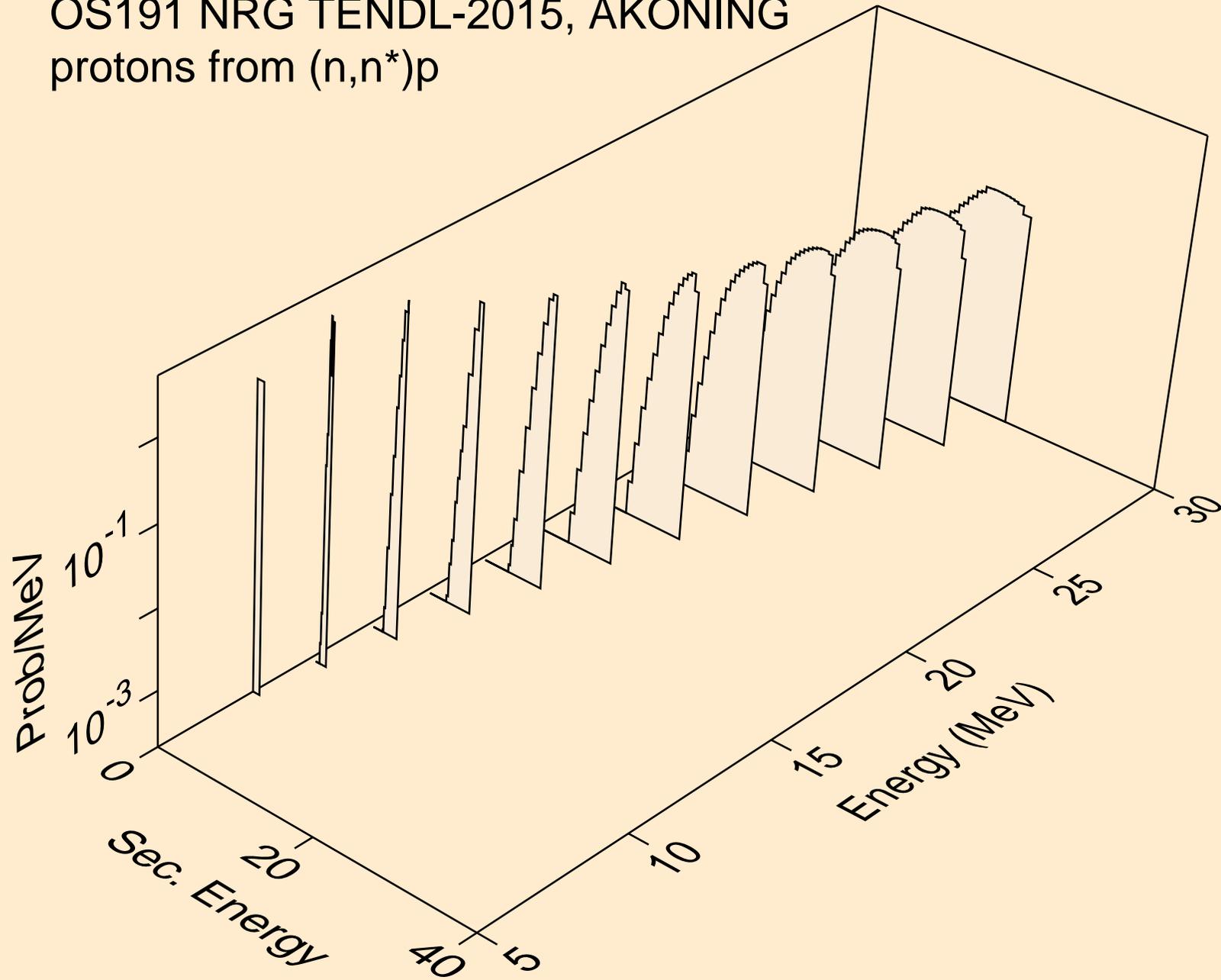
## Particle production cross sections



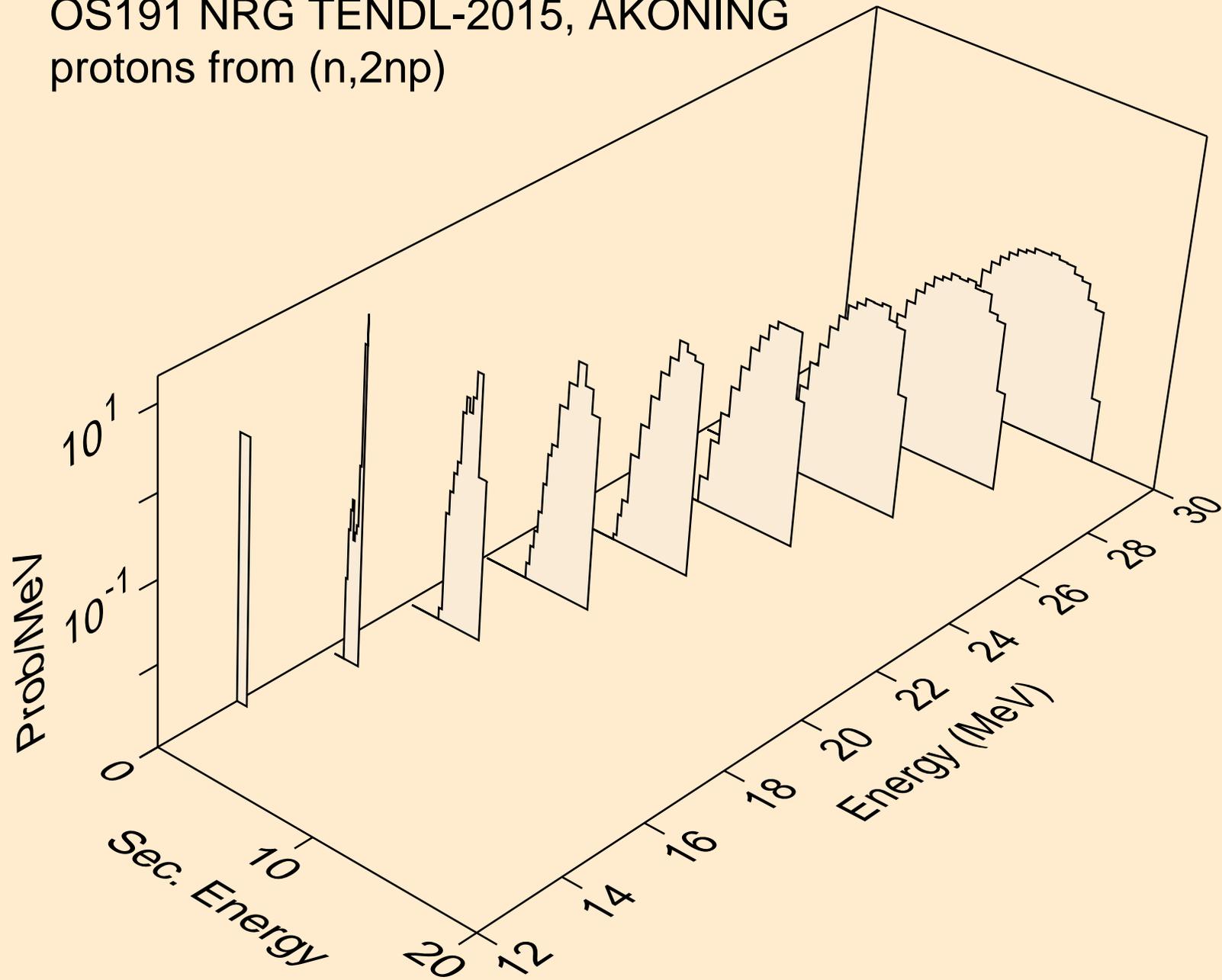
OS191 NRG TENDL-2015, AKONING  
protons from (n,x)



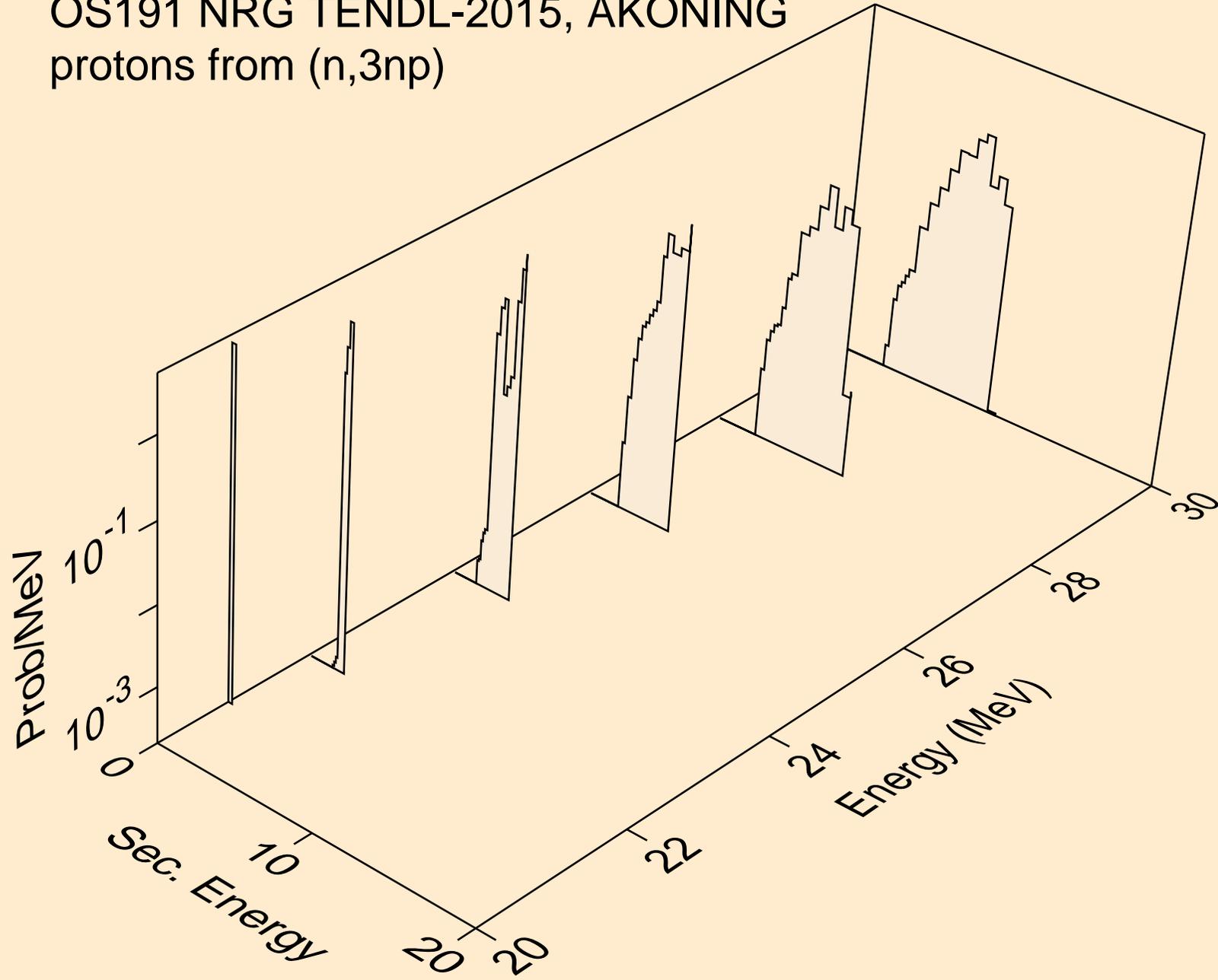
OS191 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



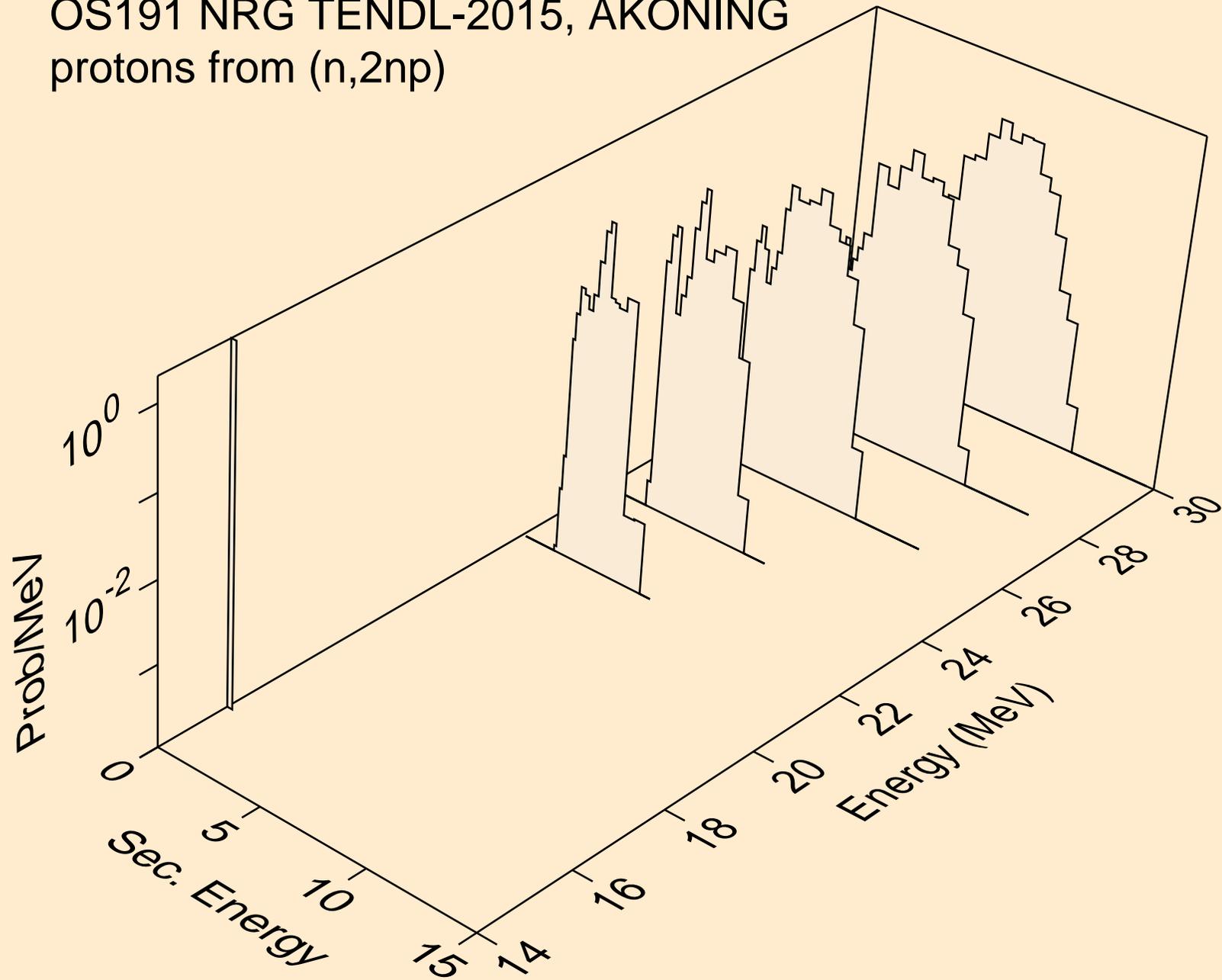
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protons from (n,2np)



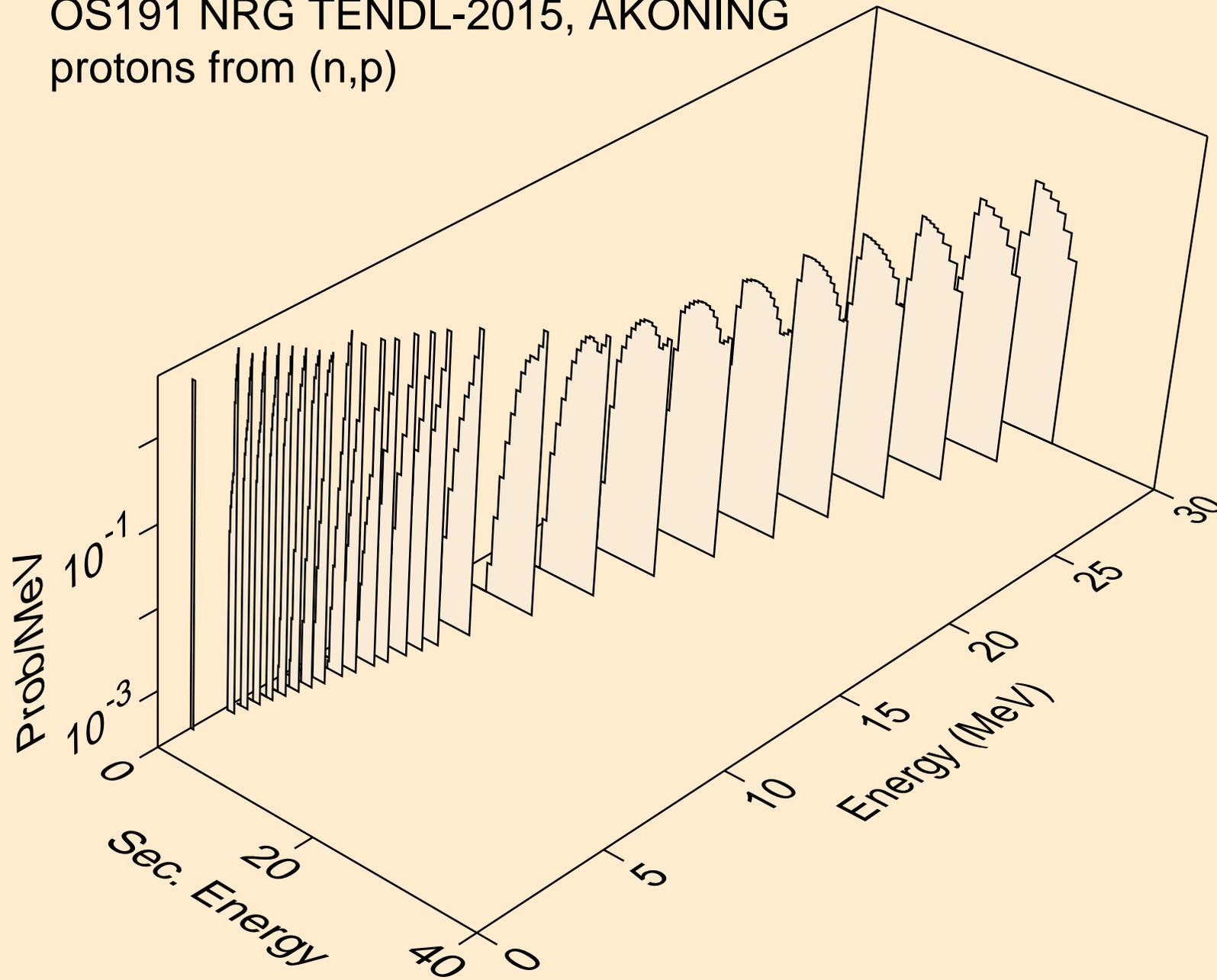
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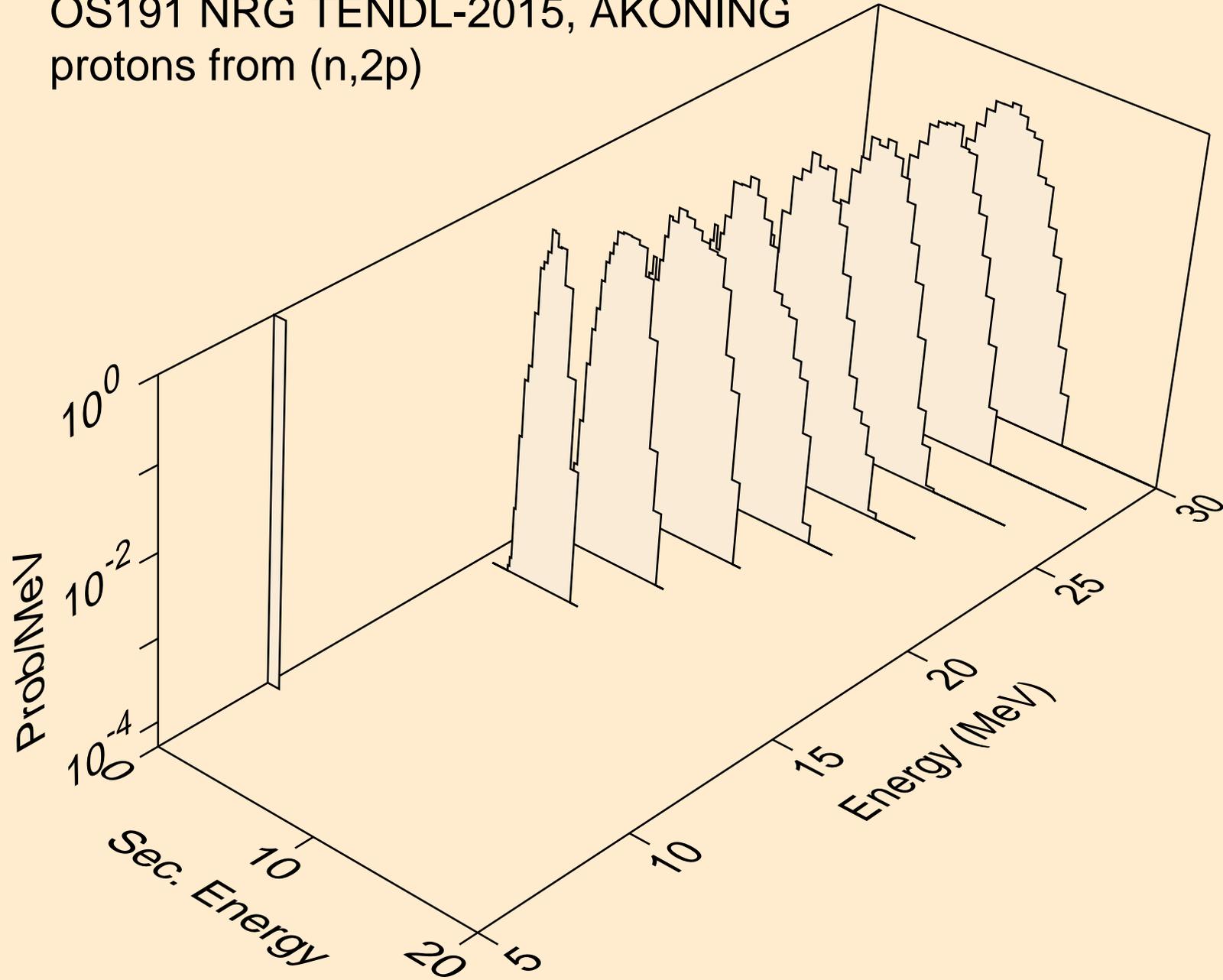
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protons from (n,2np)



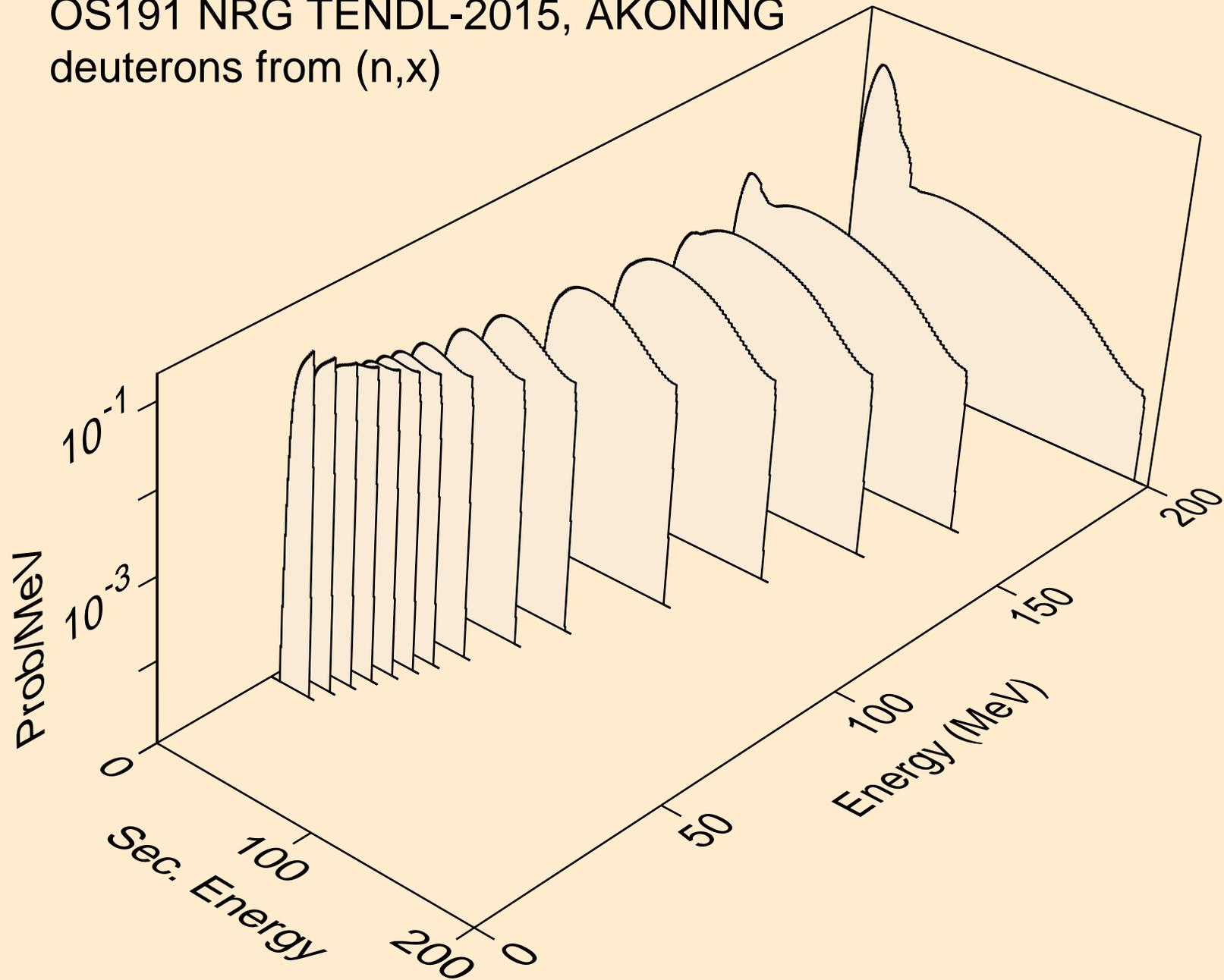
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protons from (n,p)



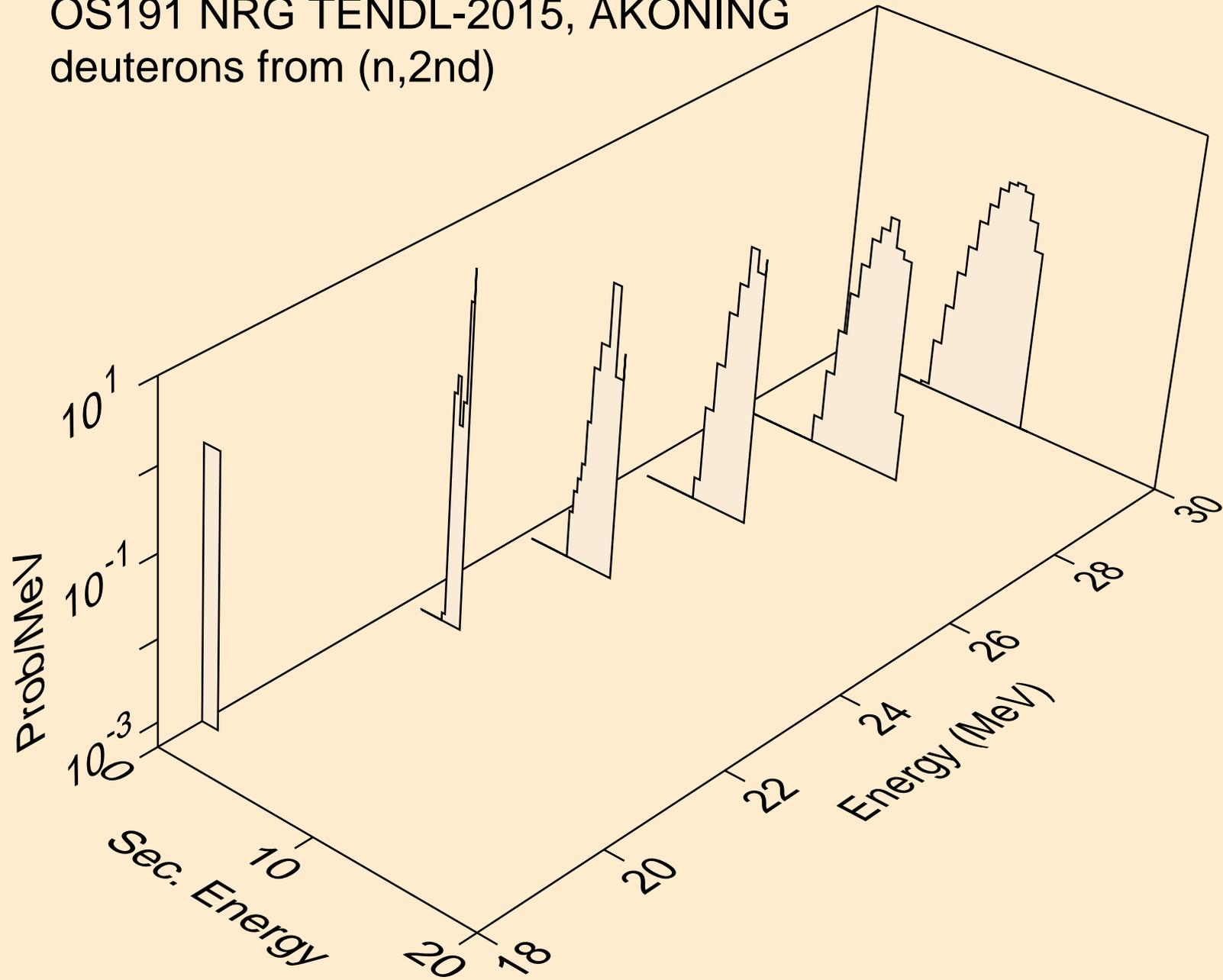
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protons from (n,2p)



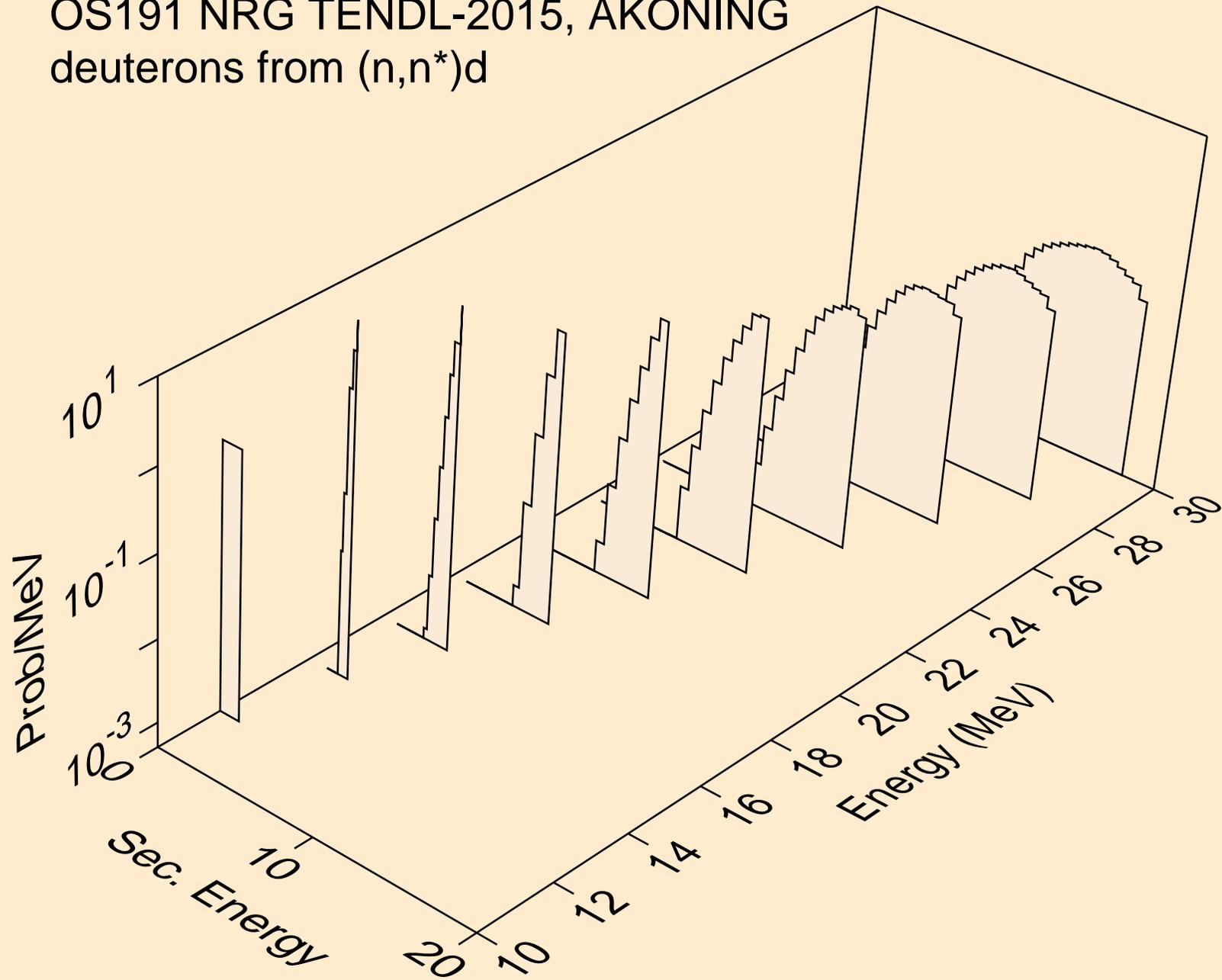
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deuterons from (n,x)



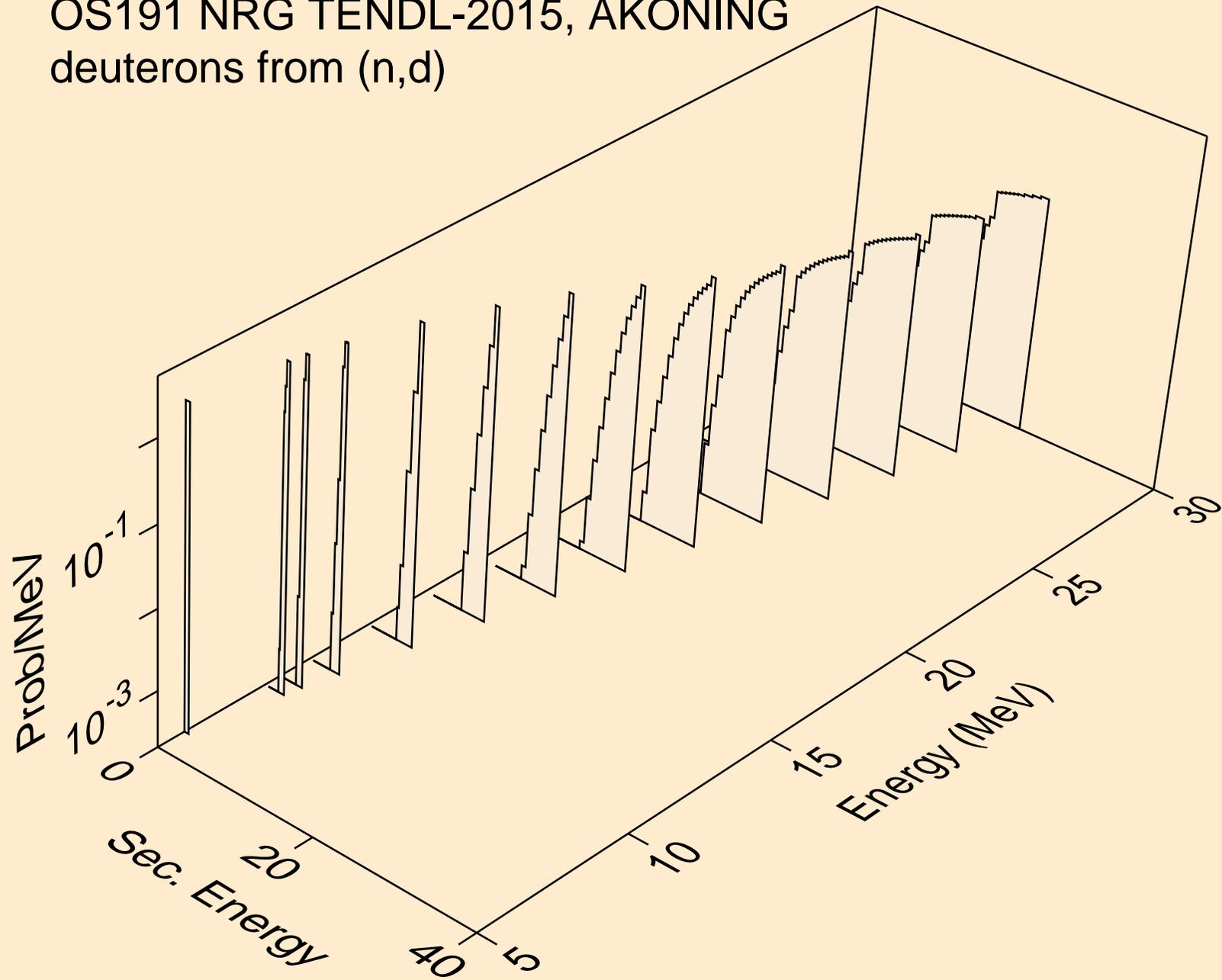
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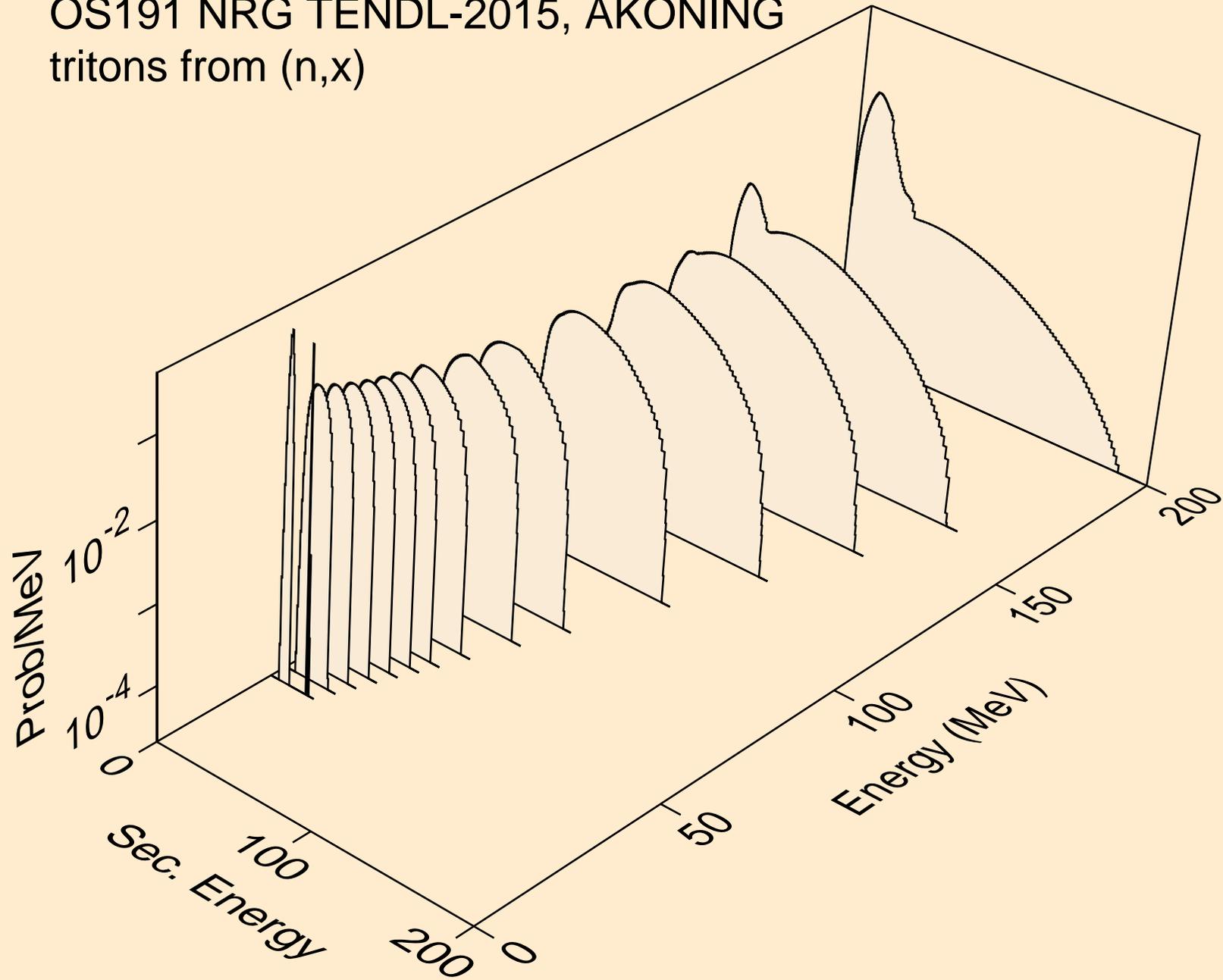
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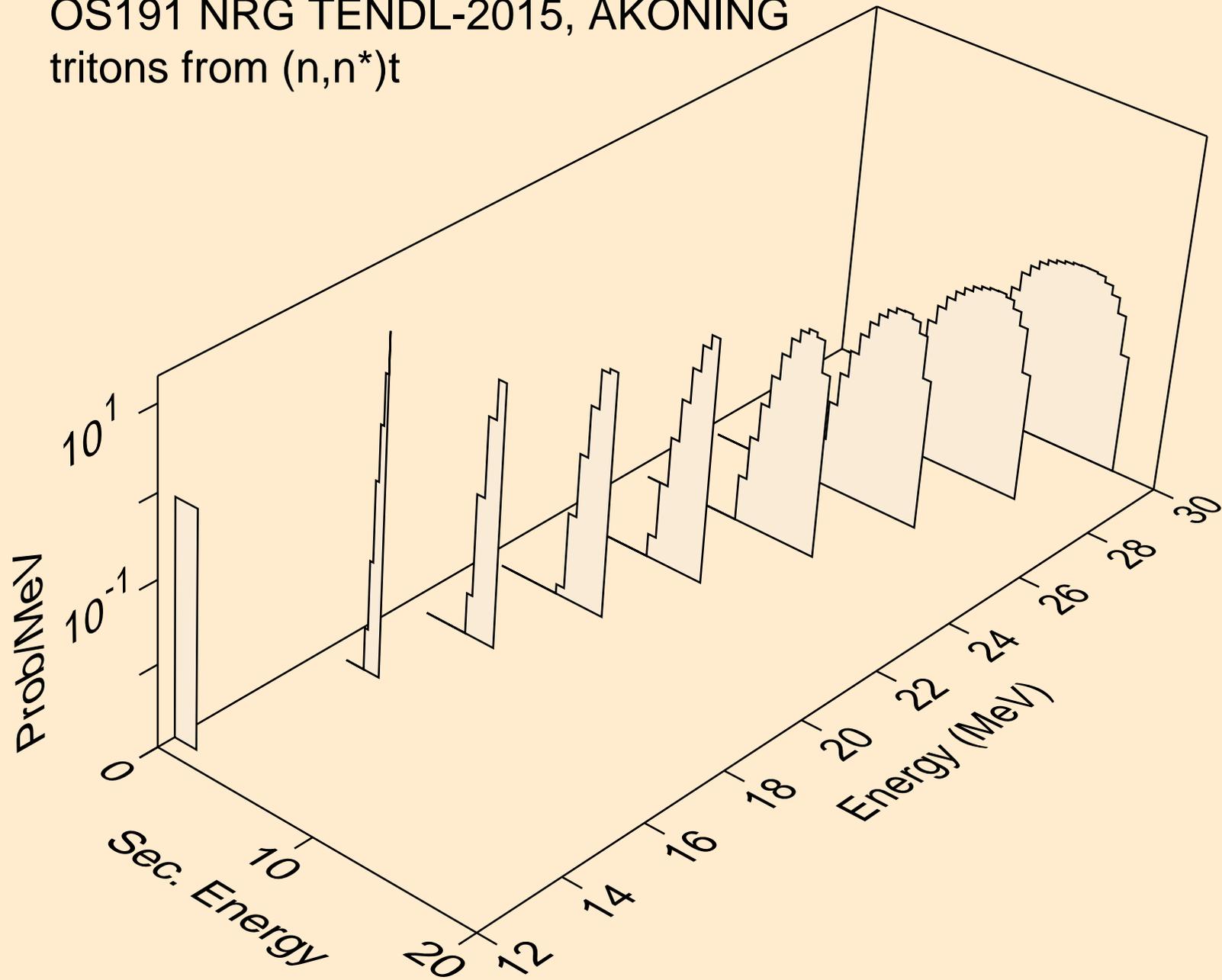
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deuterons from (n,d)



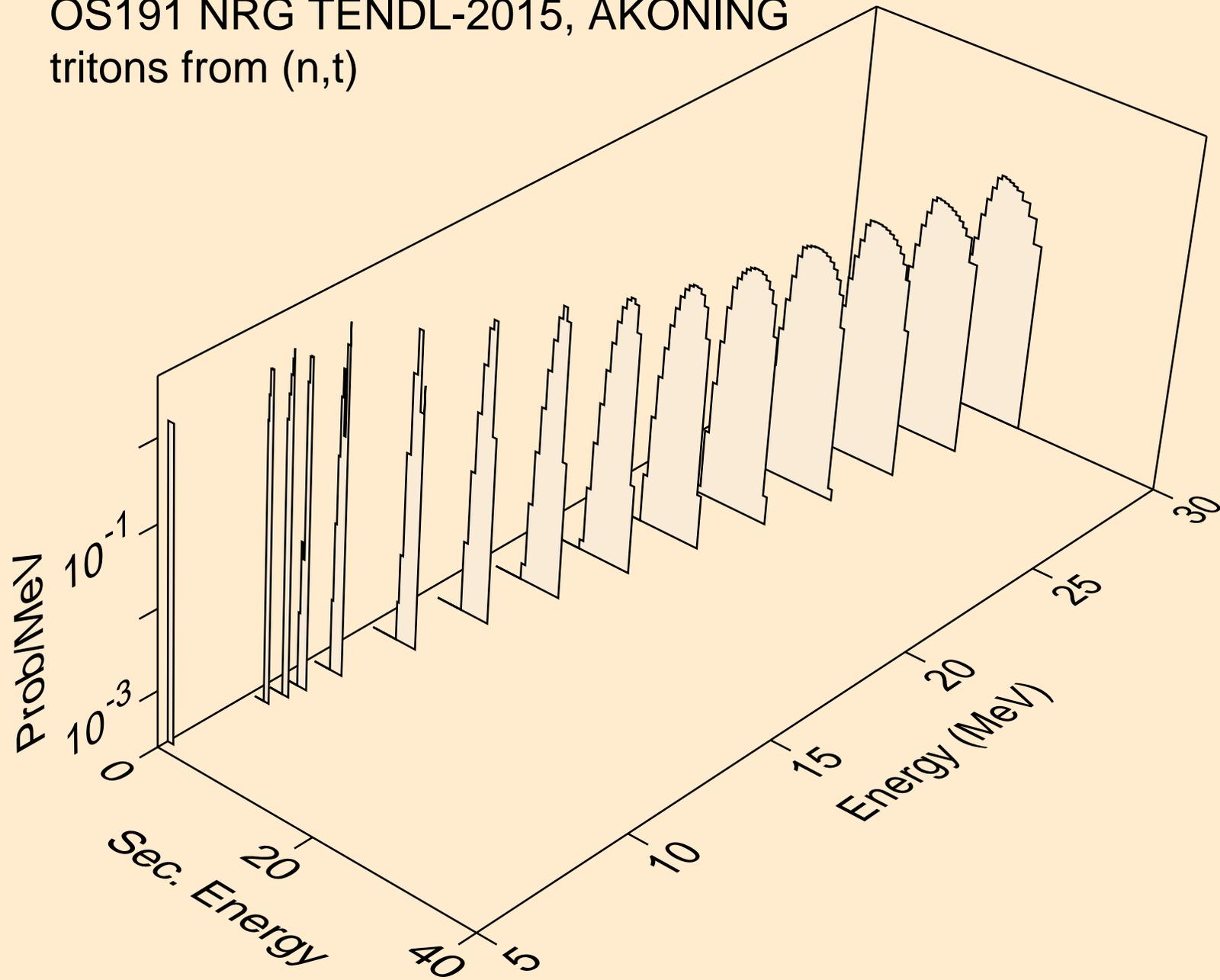
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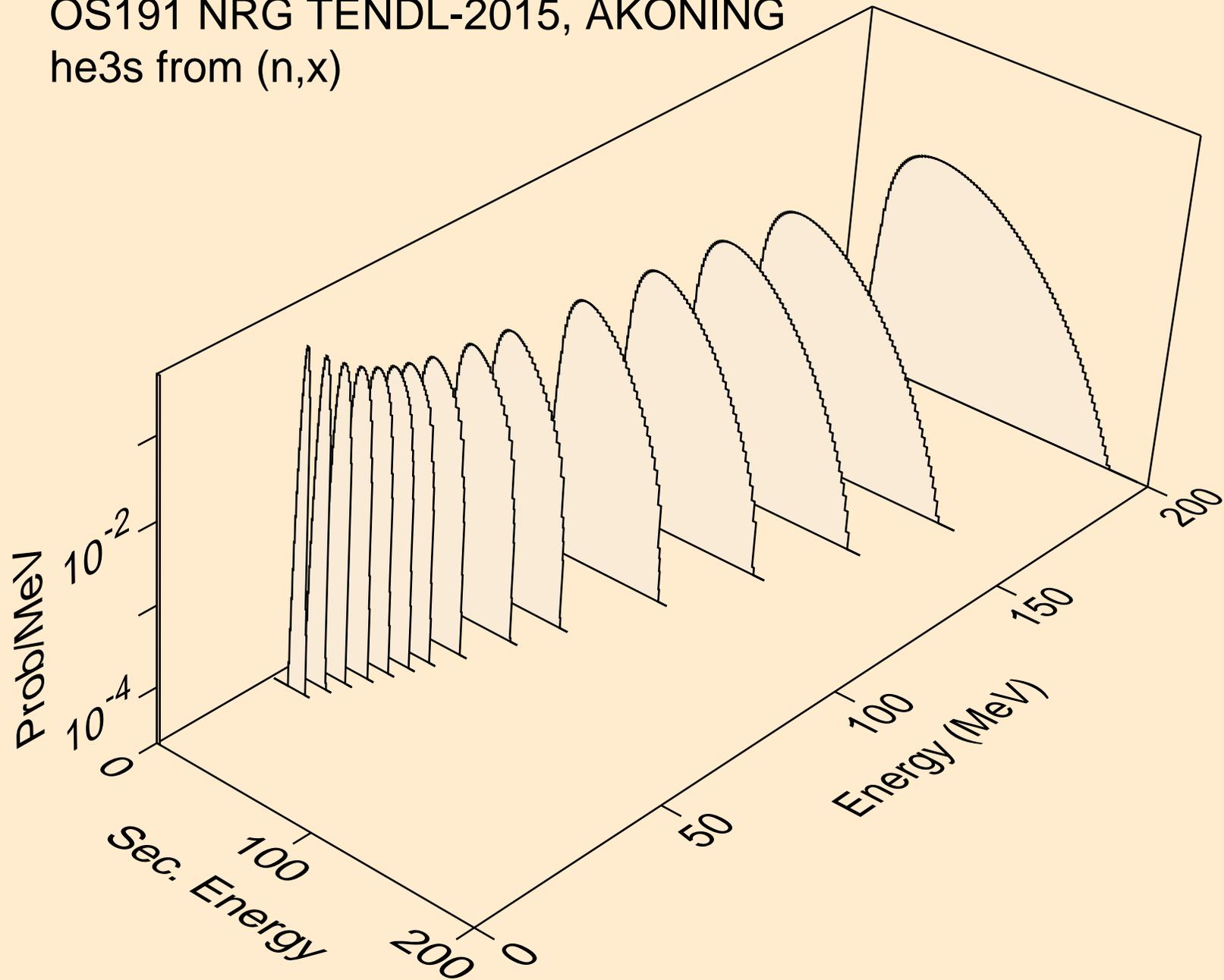
OS191 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



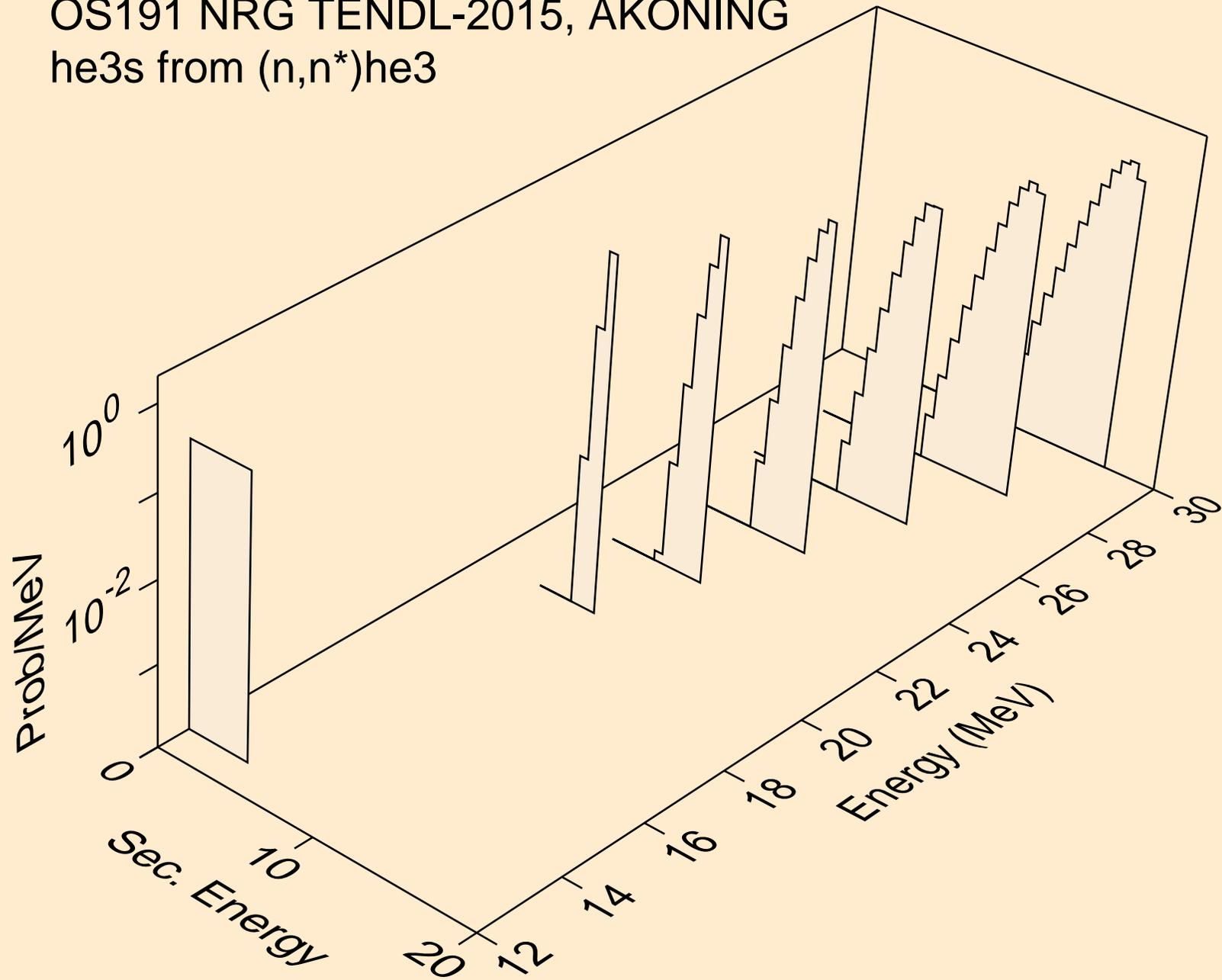
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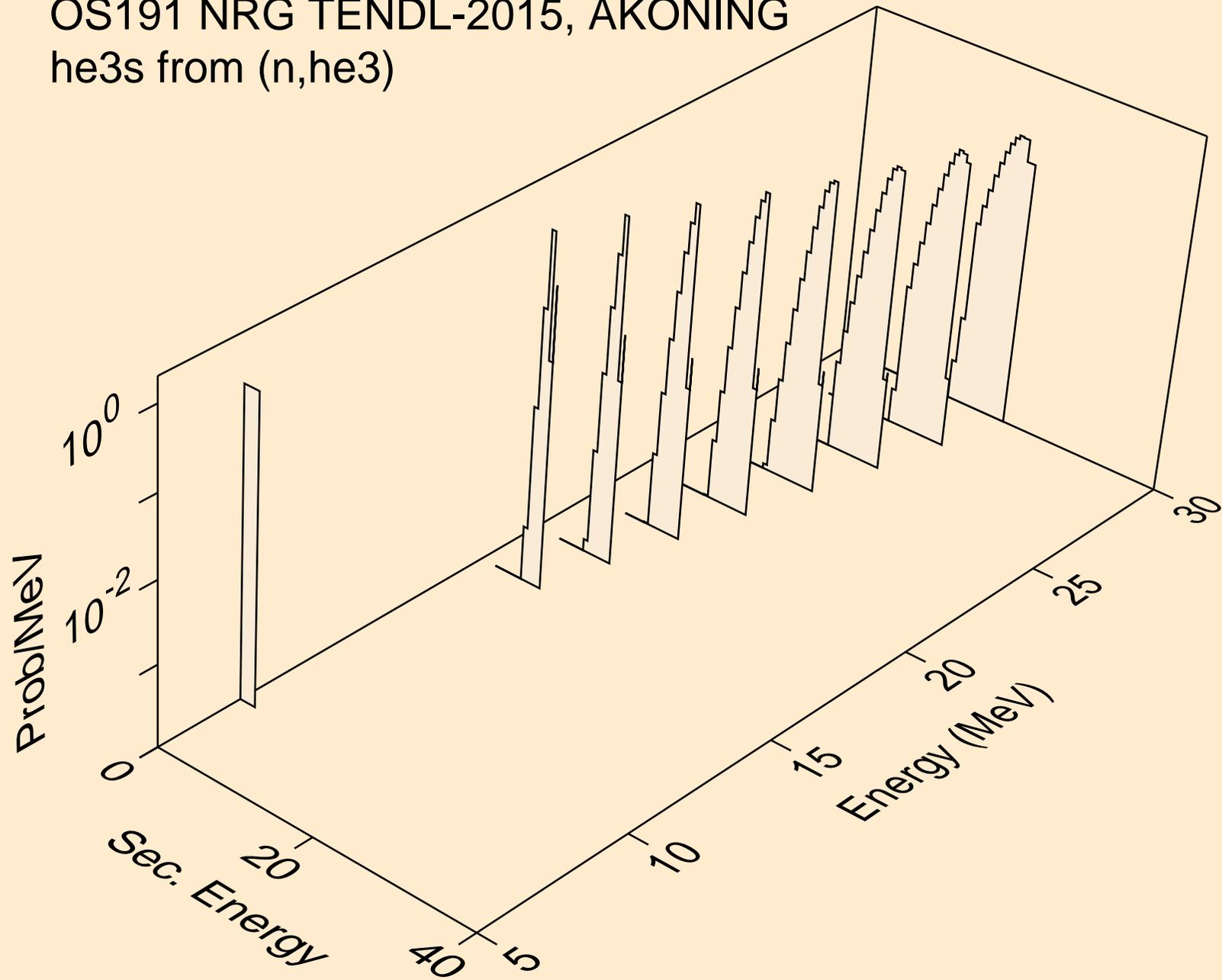
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he3s from (n,x)



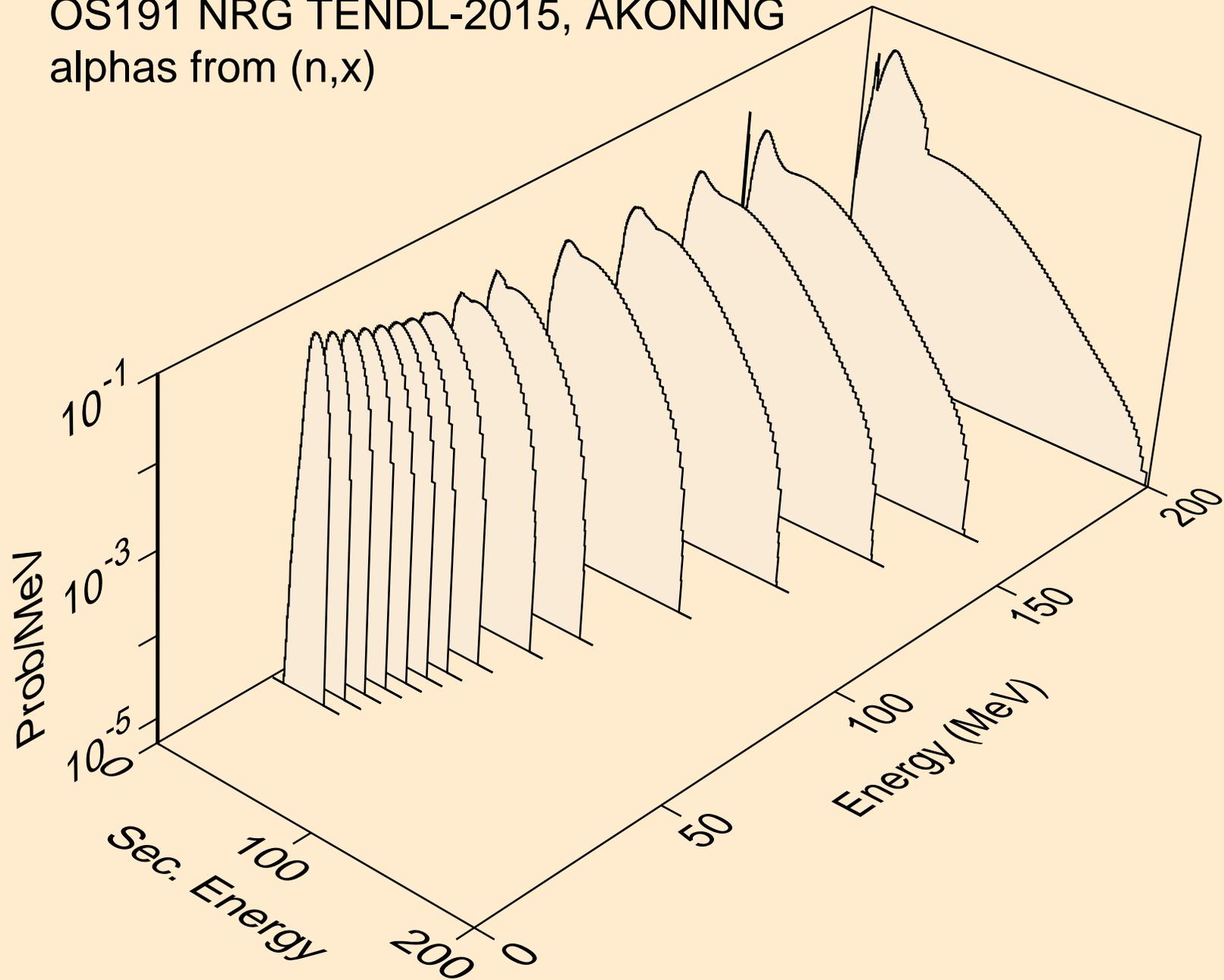
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he3s from (n,n\*)he3



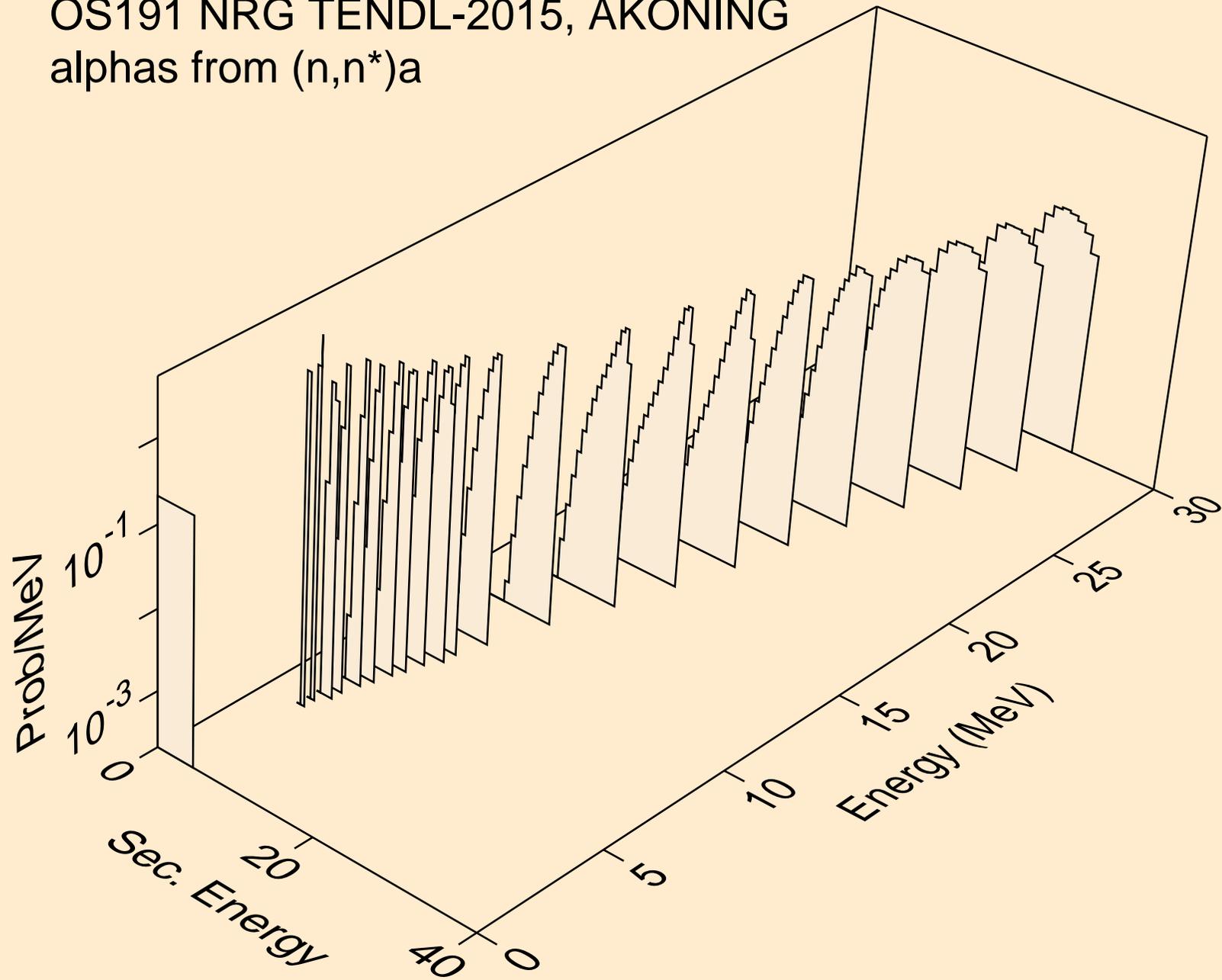
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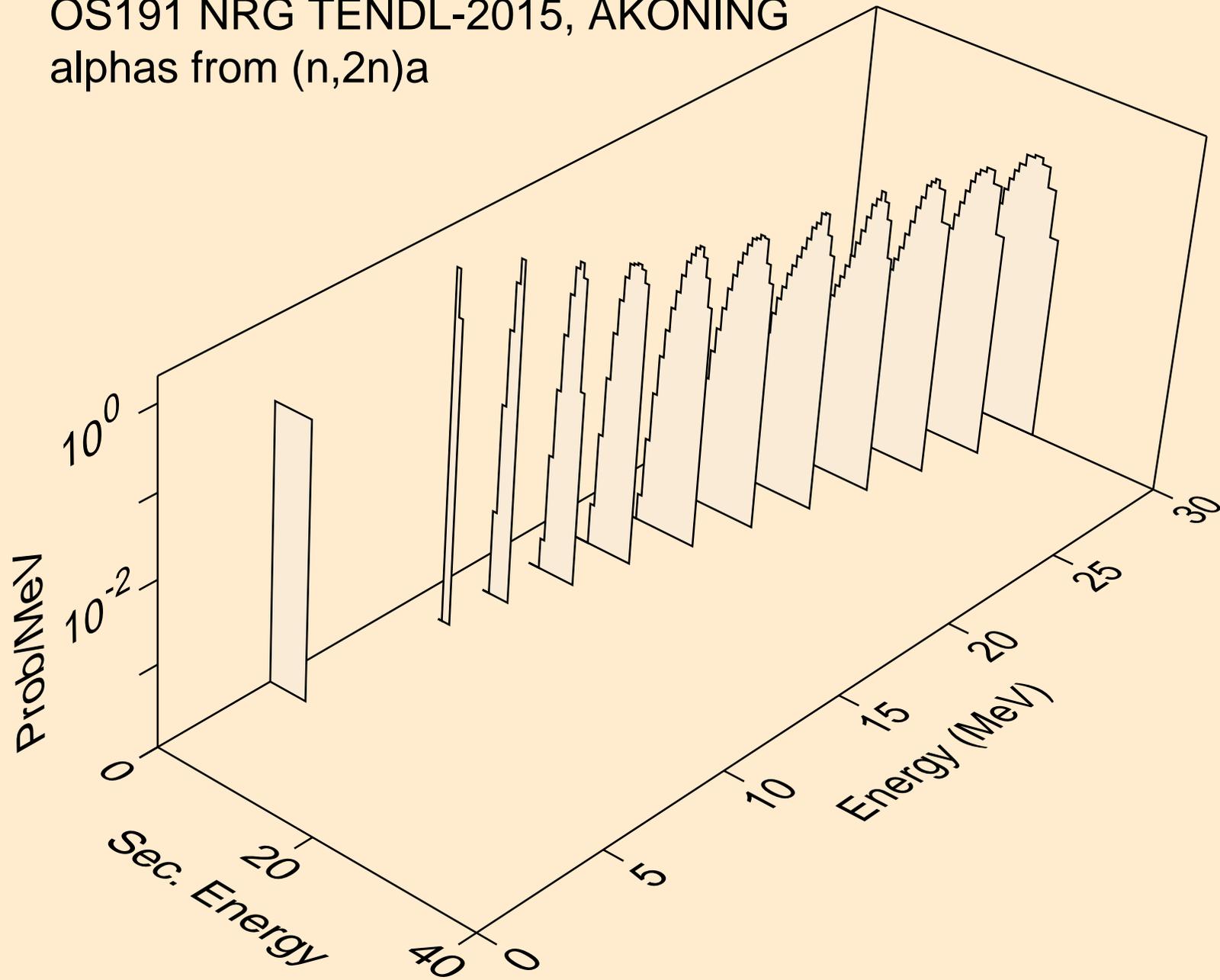
OS191 NRG TENDL-2015, AKONING  
alphas from (n,x)



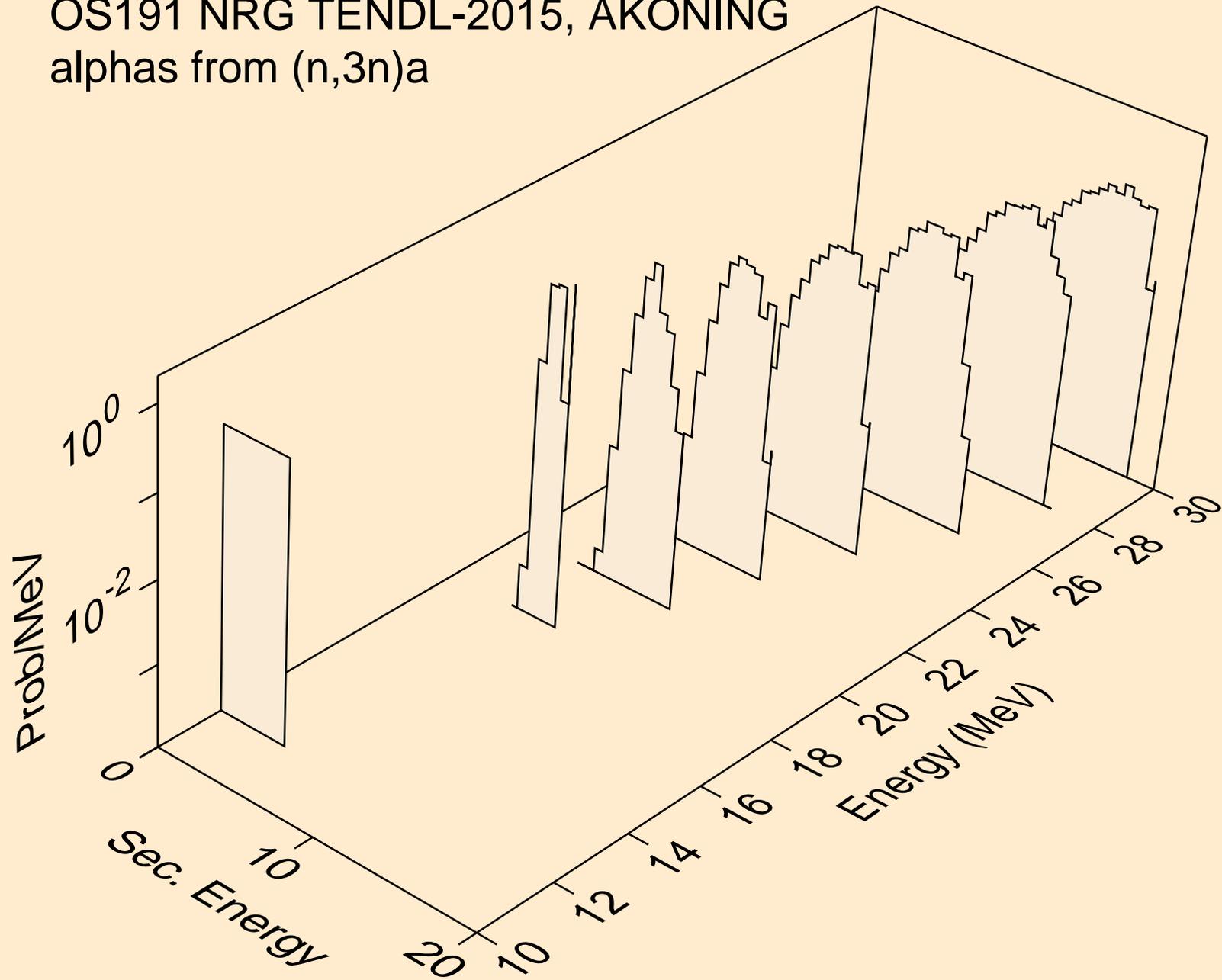
OS191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



OS191 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



OS191 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



OS191 NRG TENDL-2015, AKONING  
alphas from (n,a)

