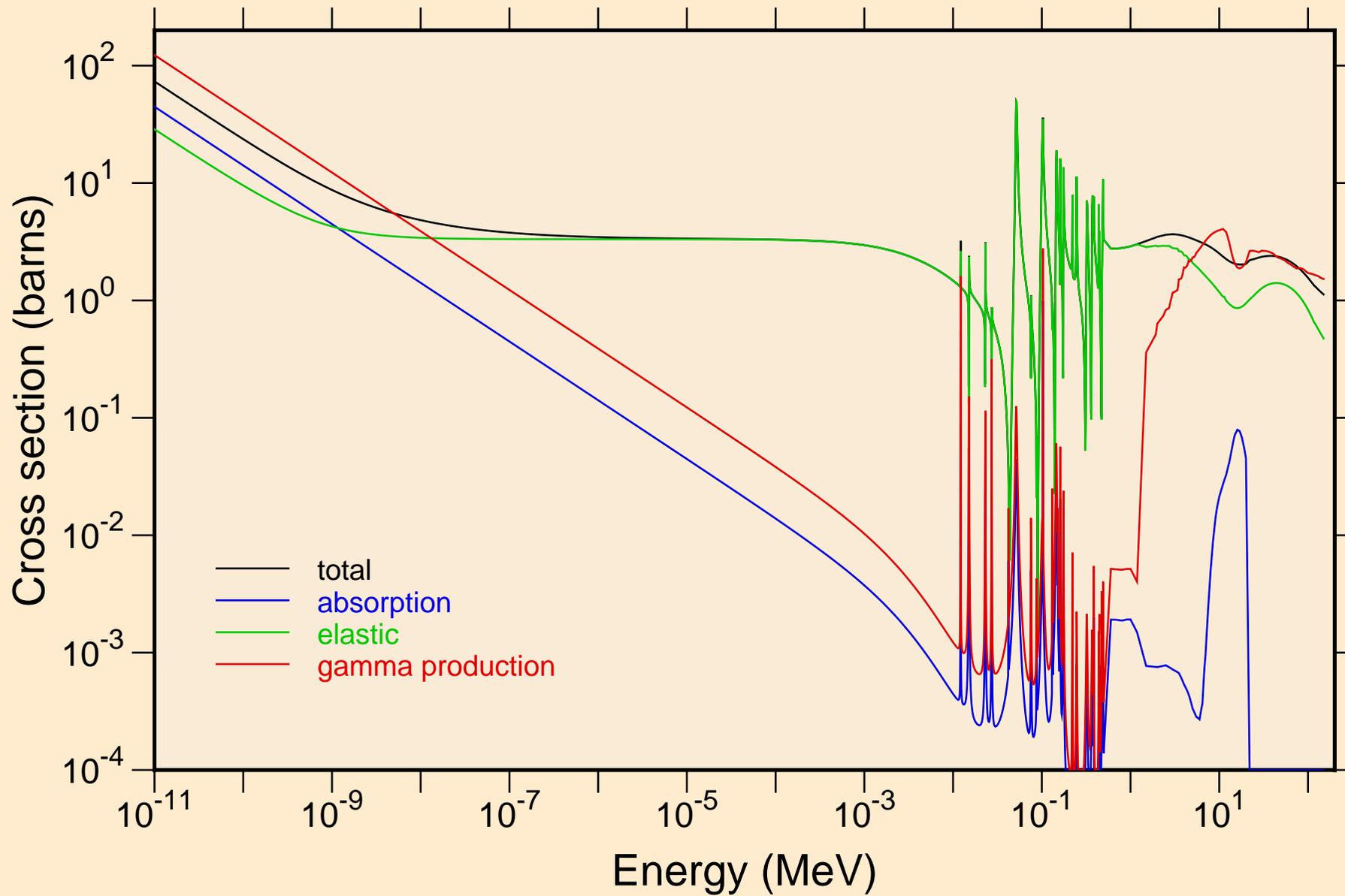
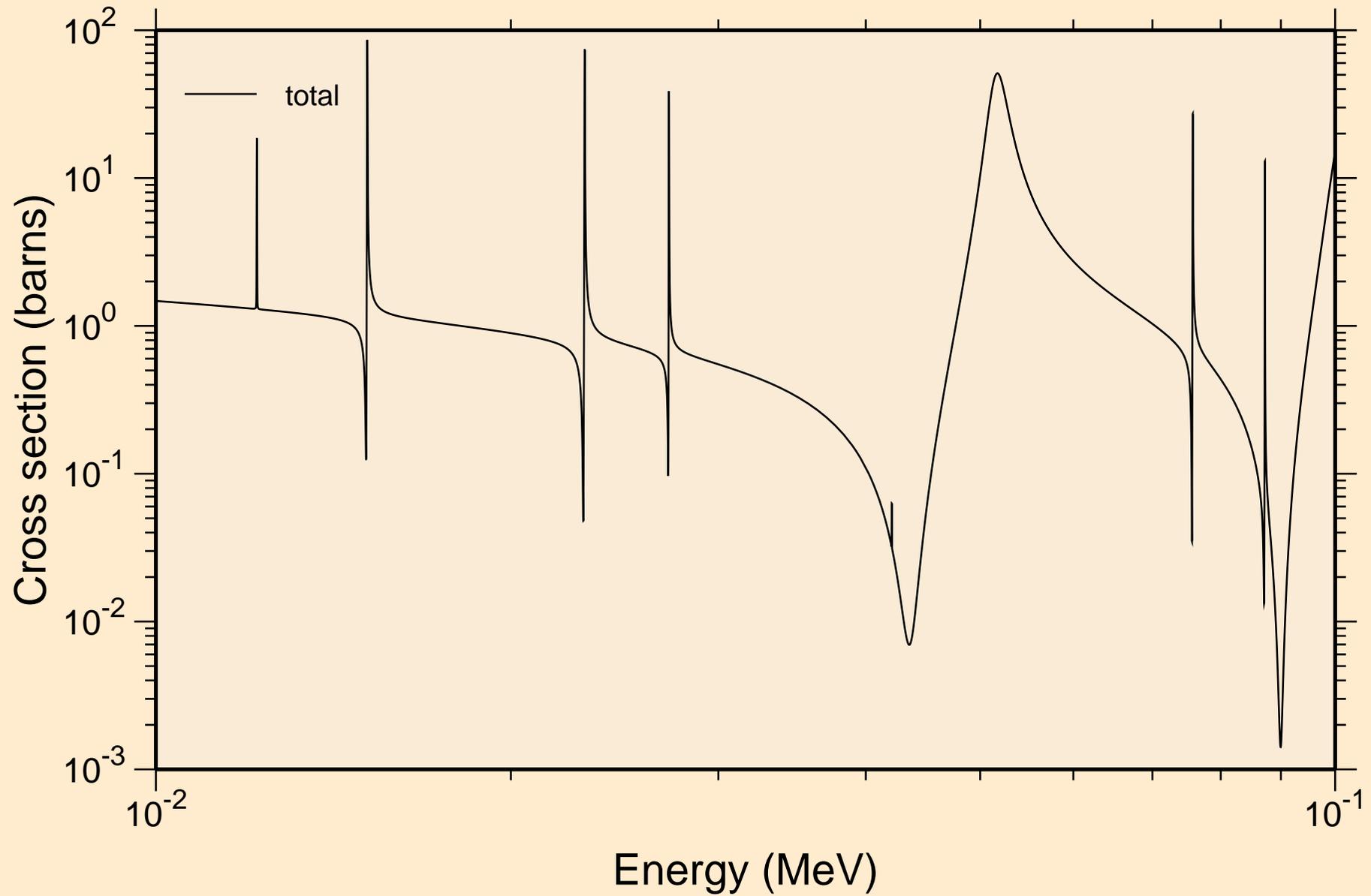


# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

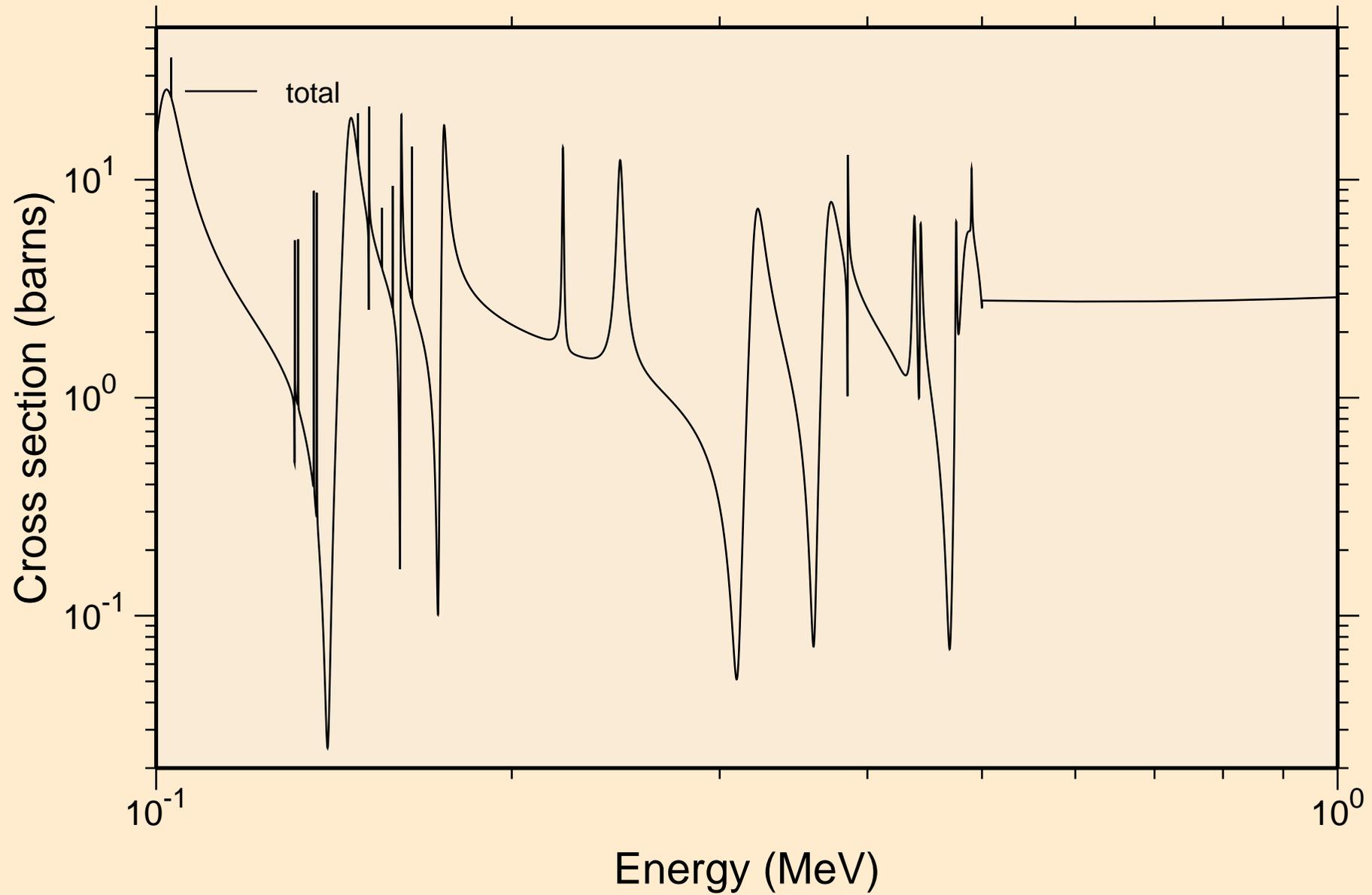
## Principal cross sections



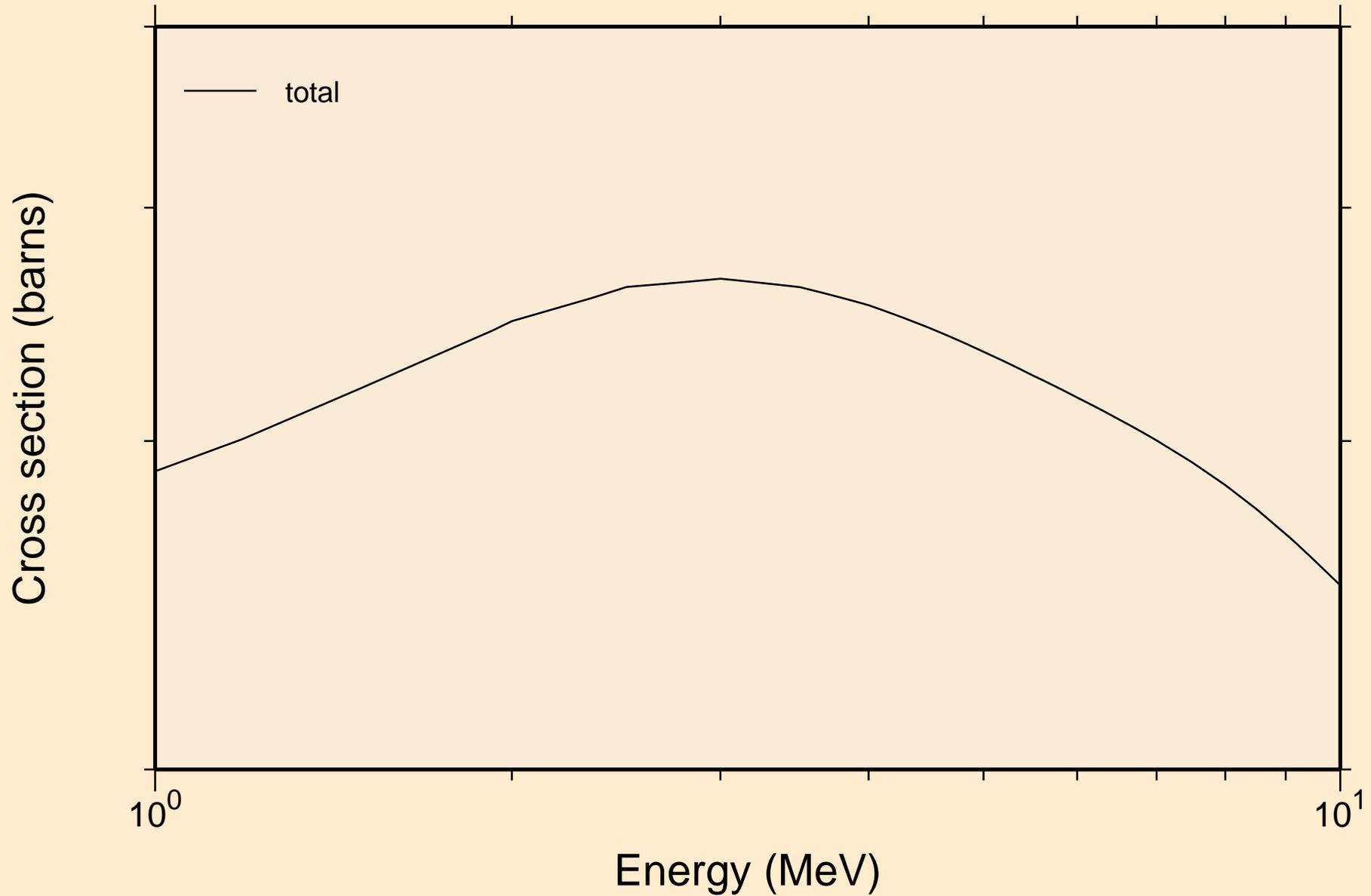
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
resonance total cross section



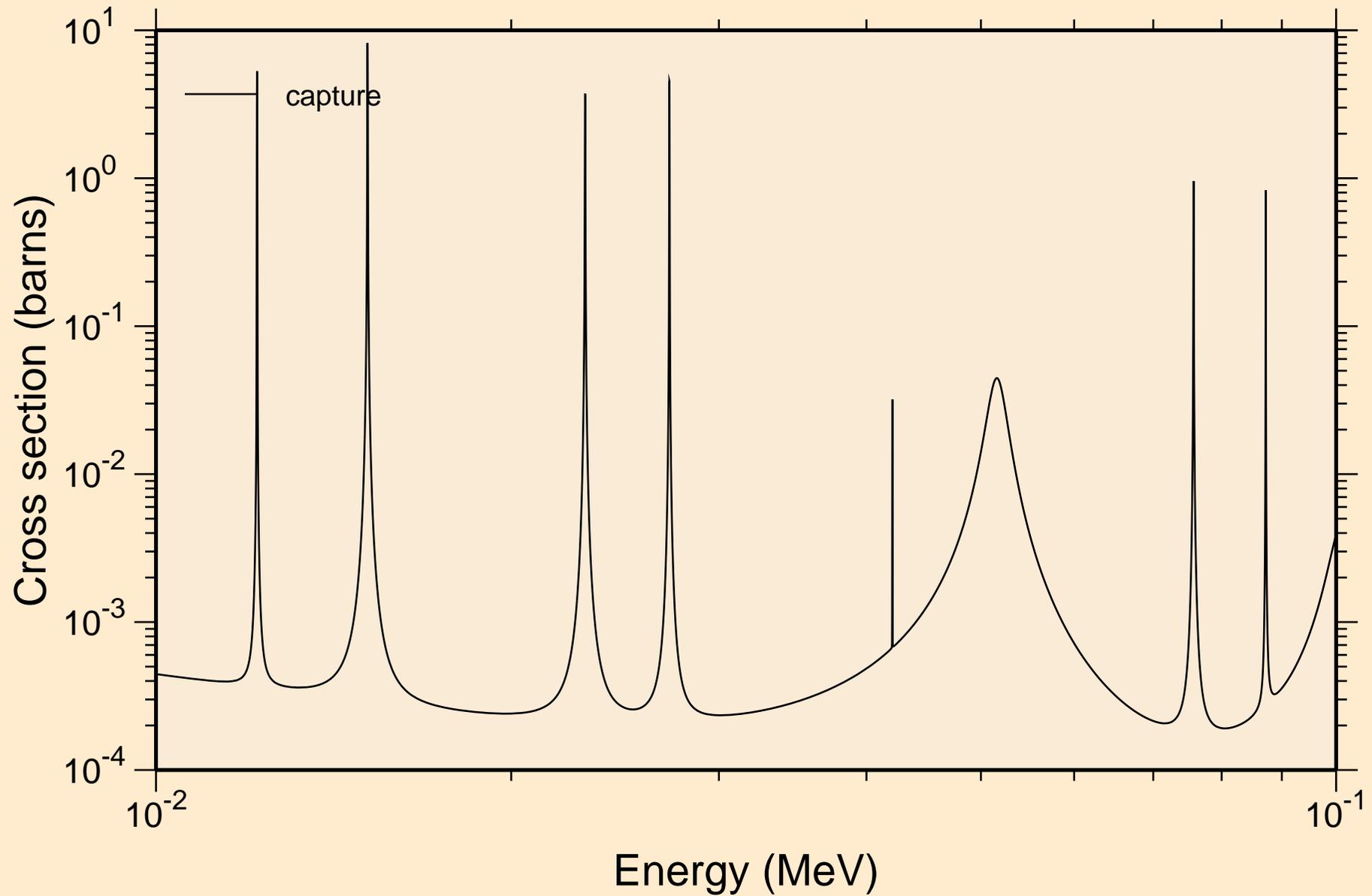
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
resonance total cross section



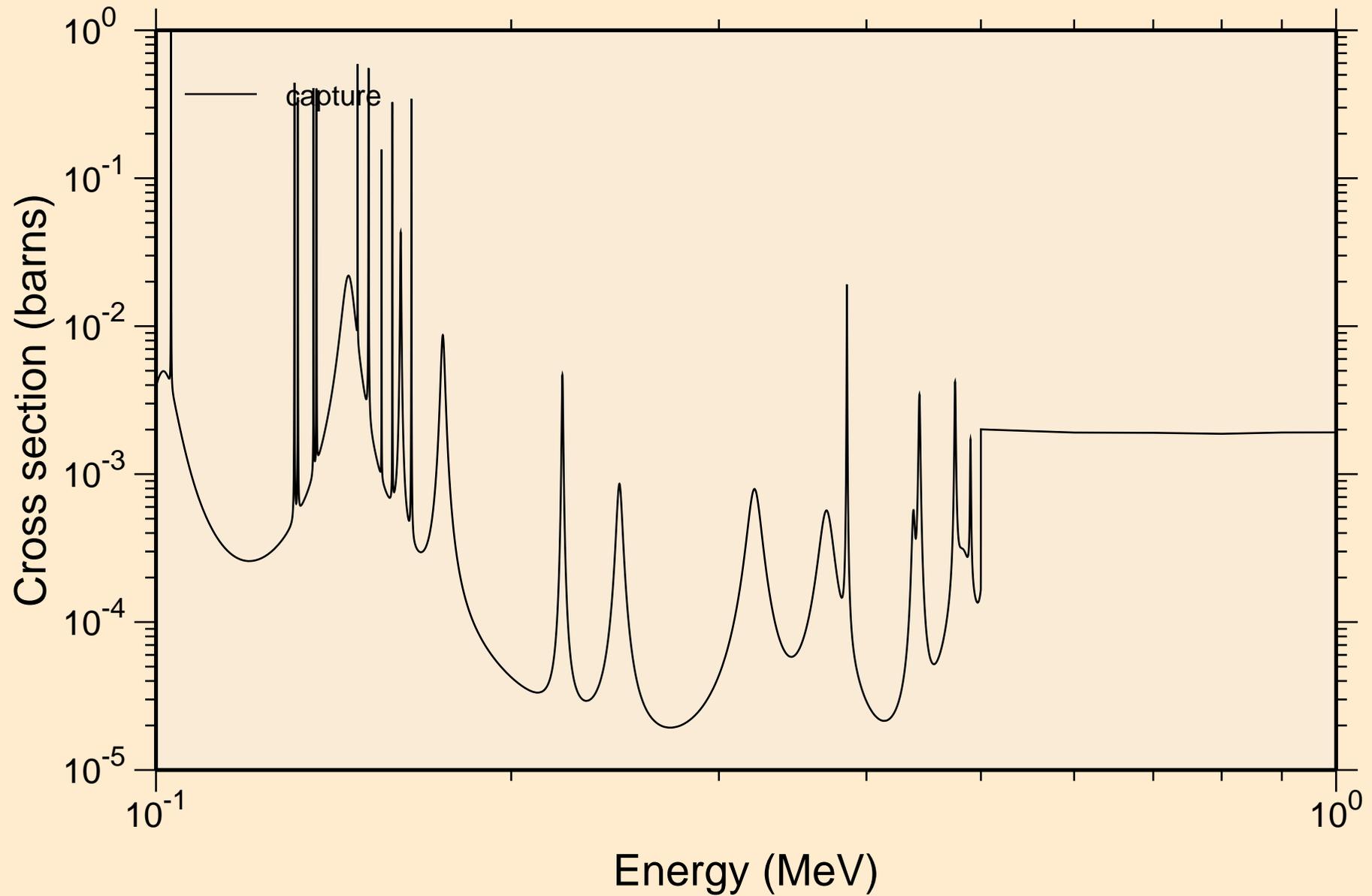
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
resonance total cross section



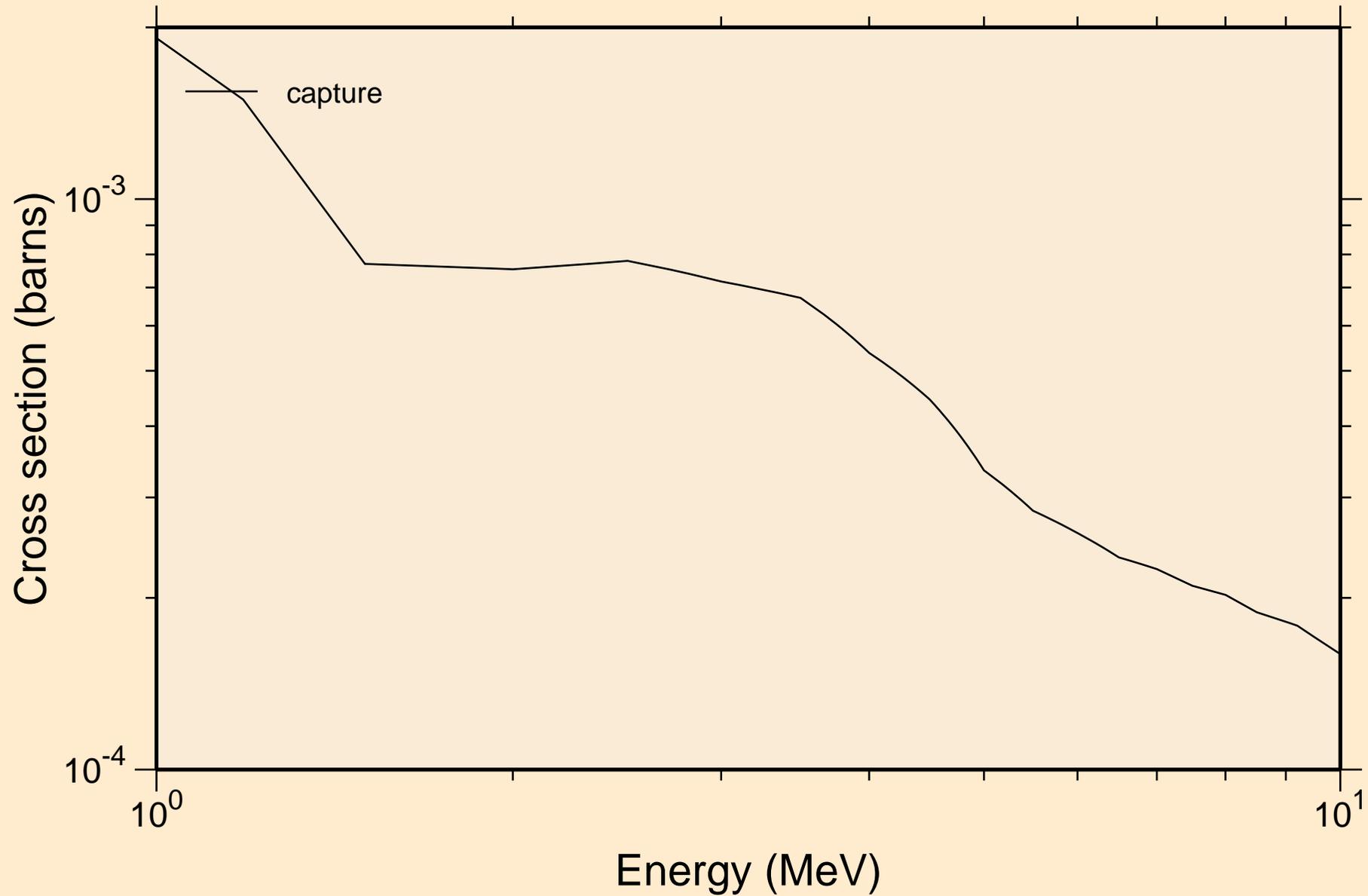
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
resonance absorption cross sections



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
resonance absorption cross sections

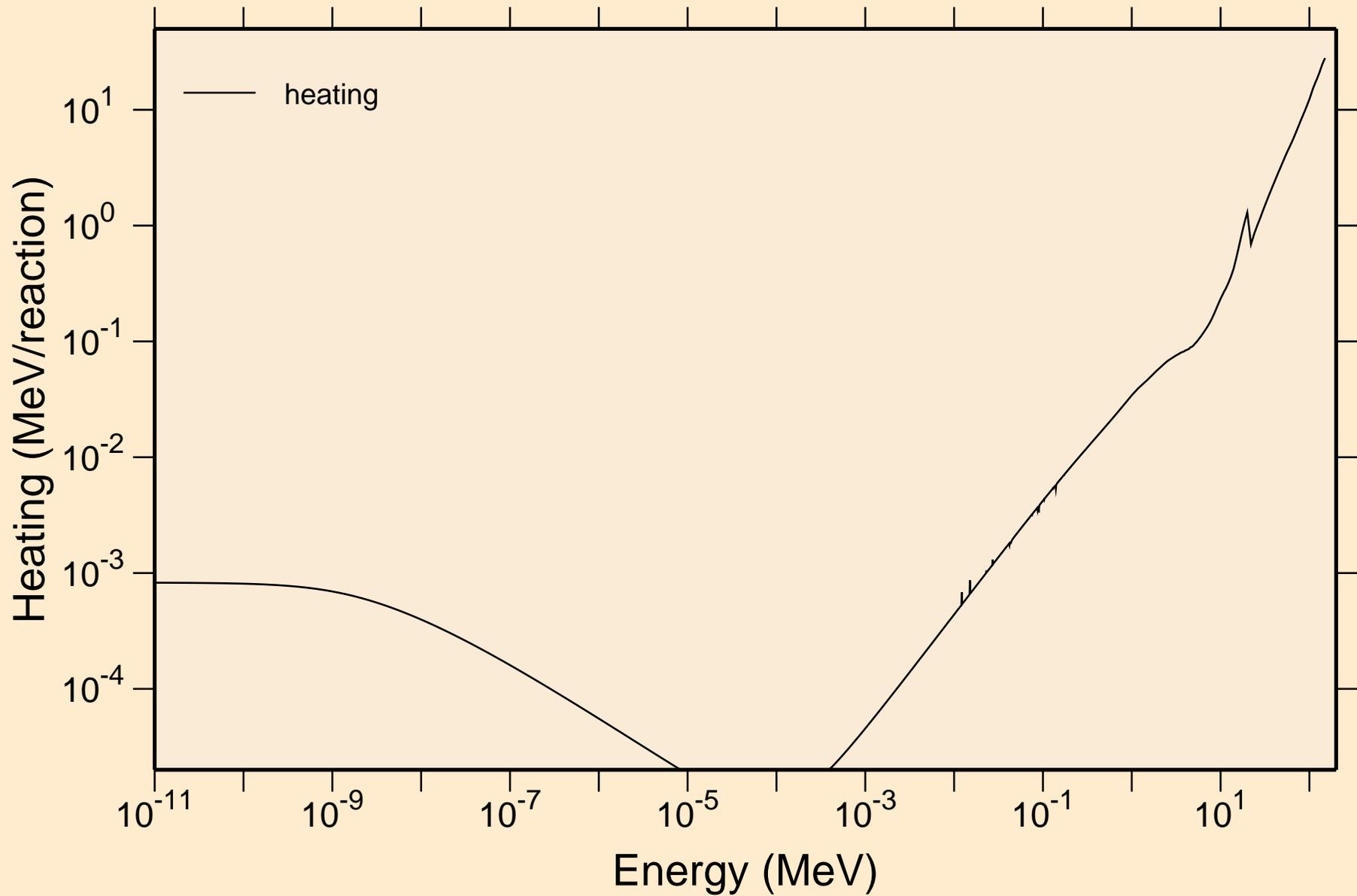


20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
resonance absorption cross sections



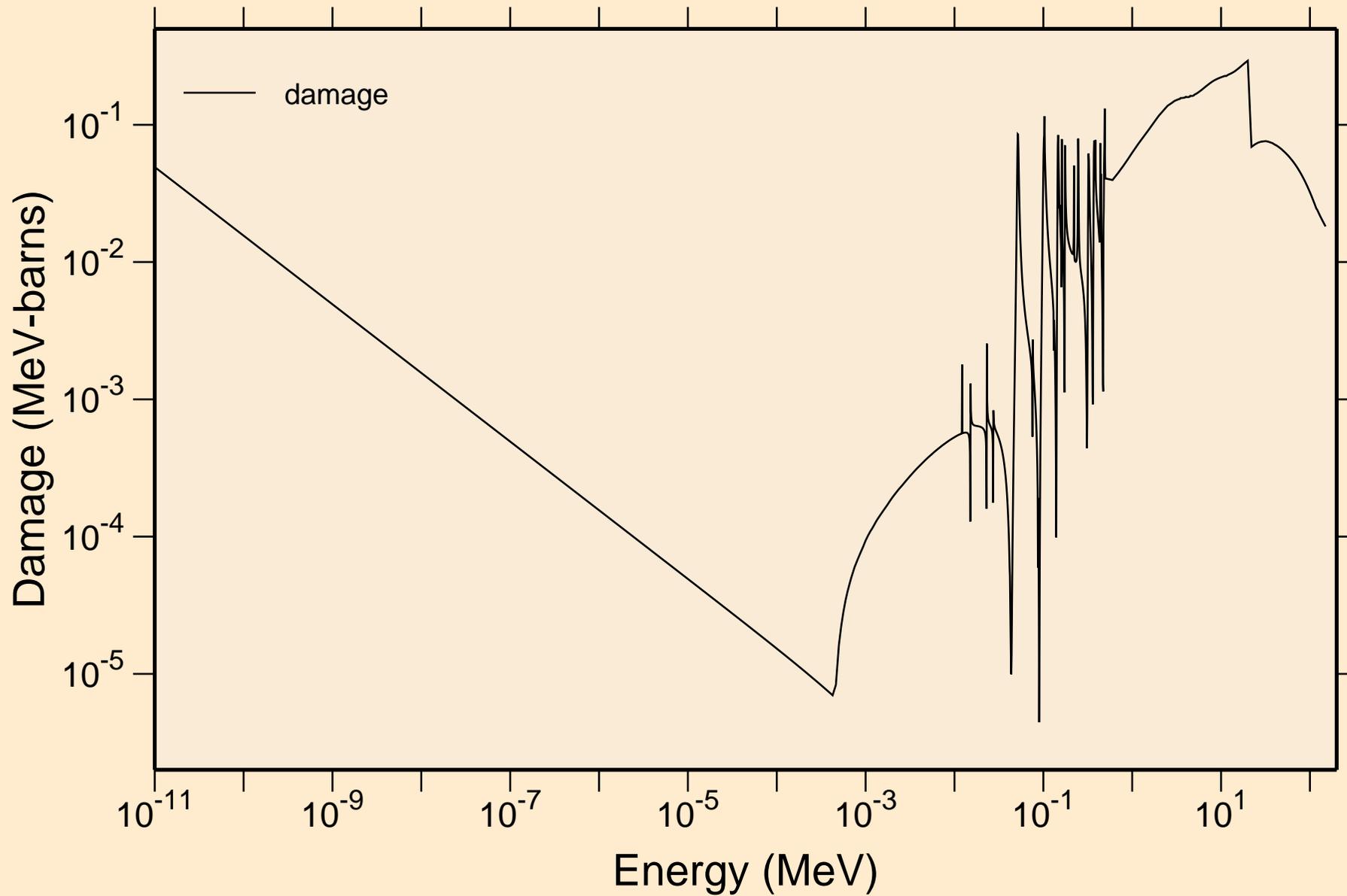
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Heating



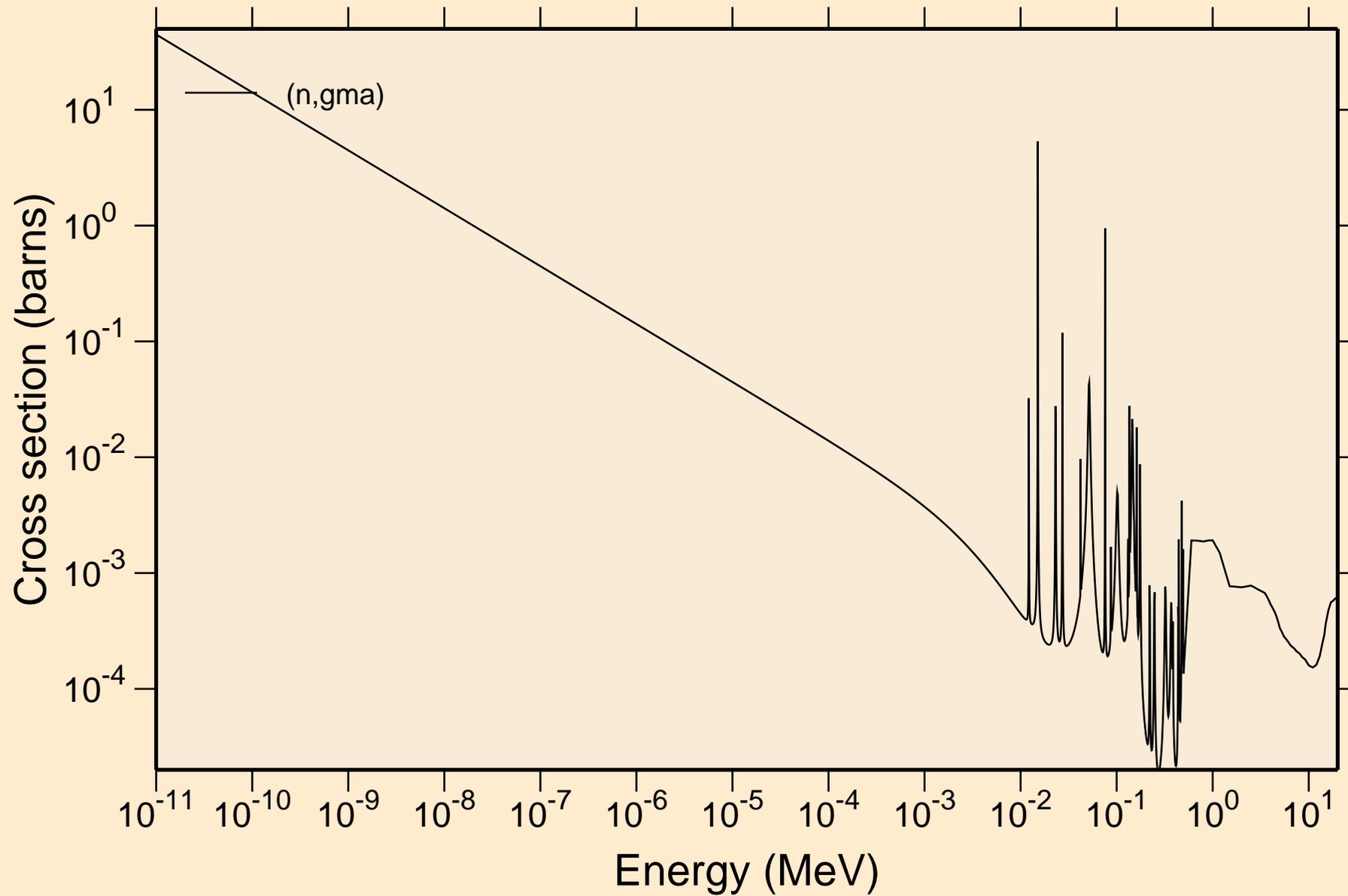
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Damage



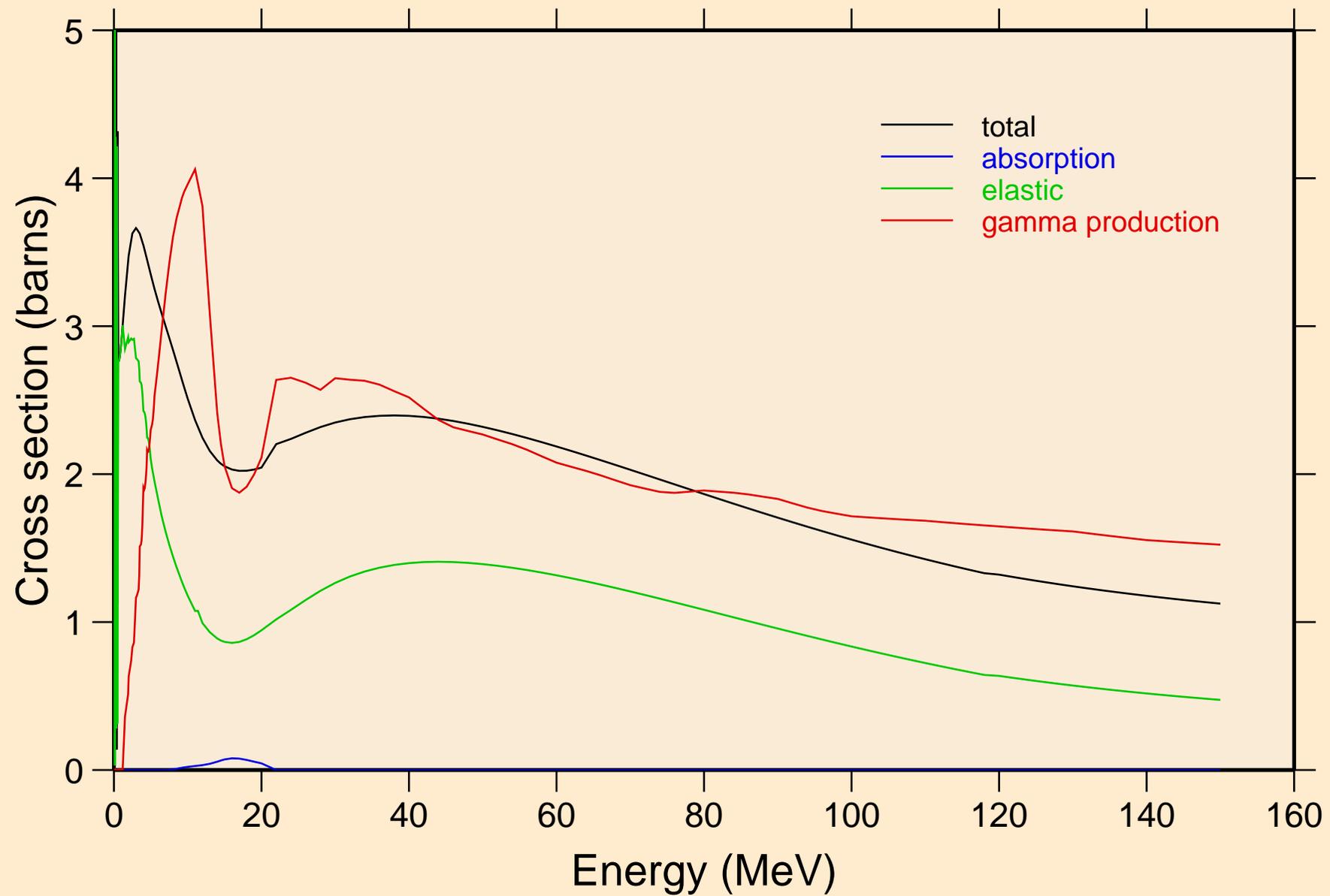
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Non-threshold reactions



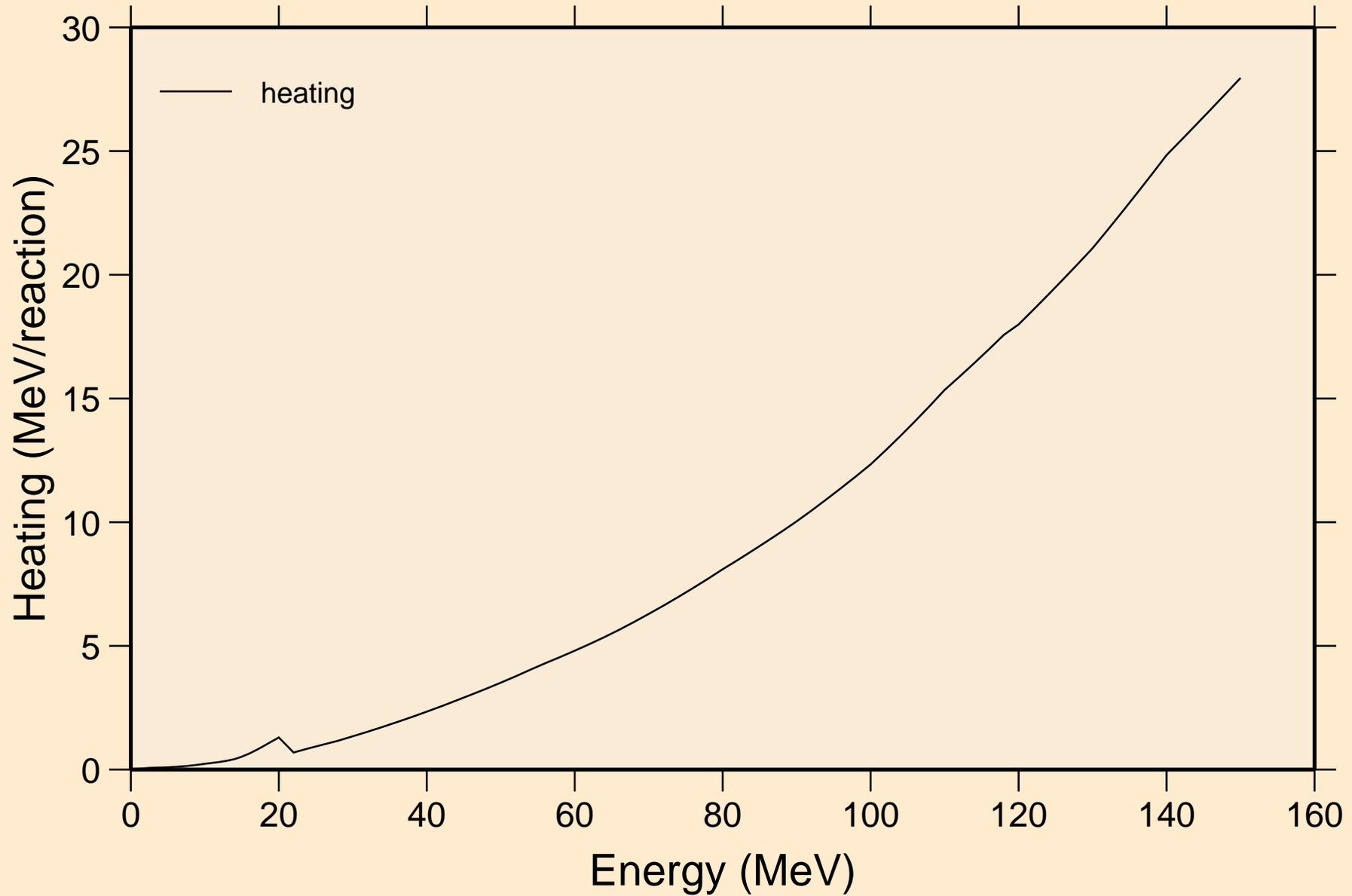
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Principal cross sections



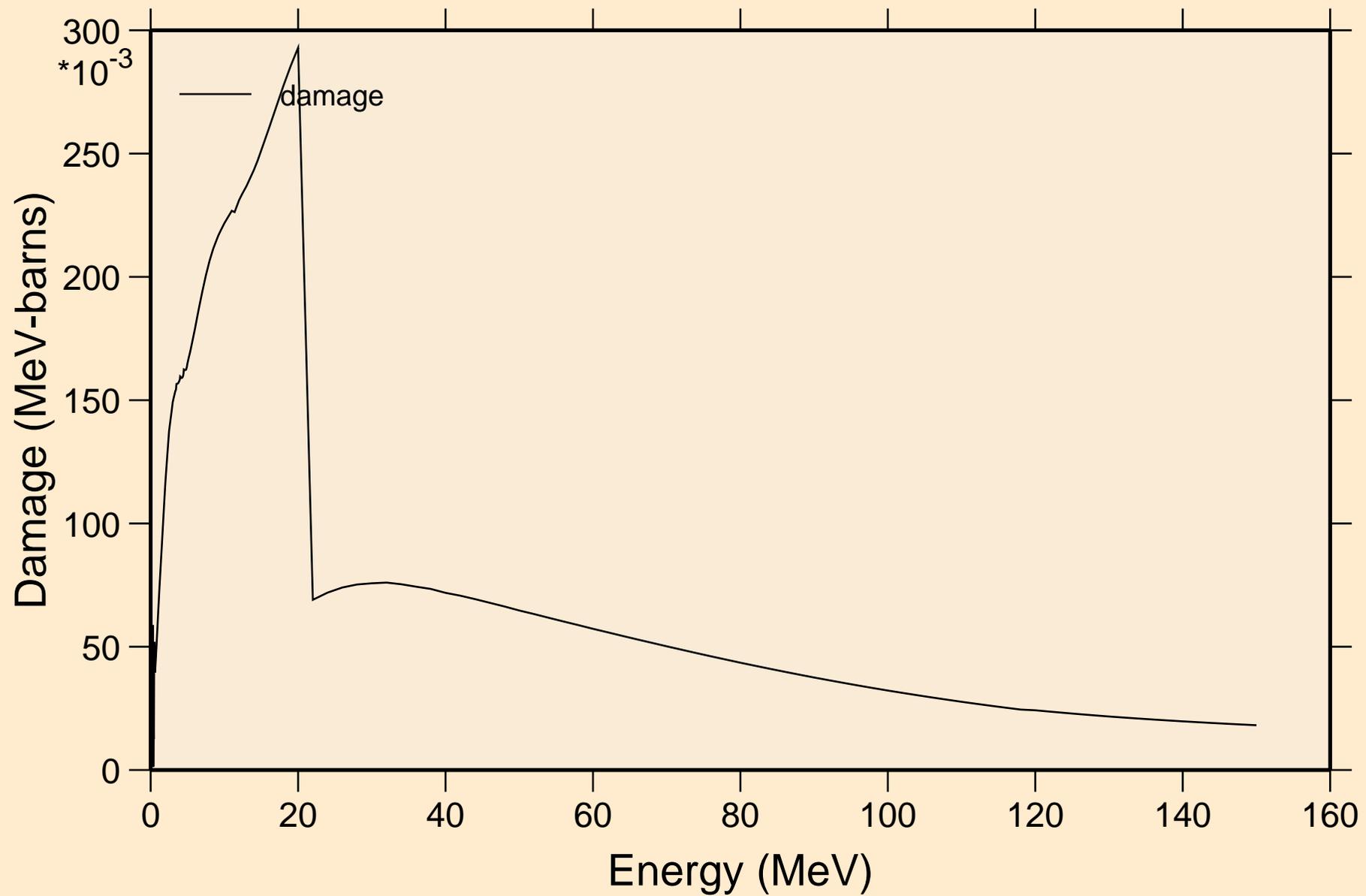
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Heating



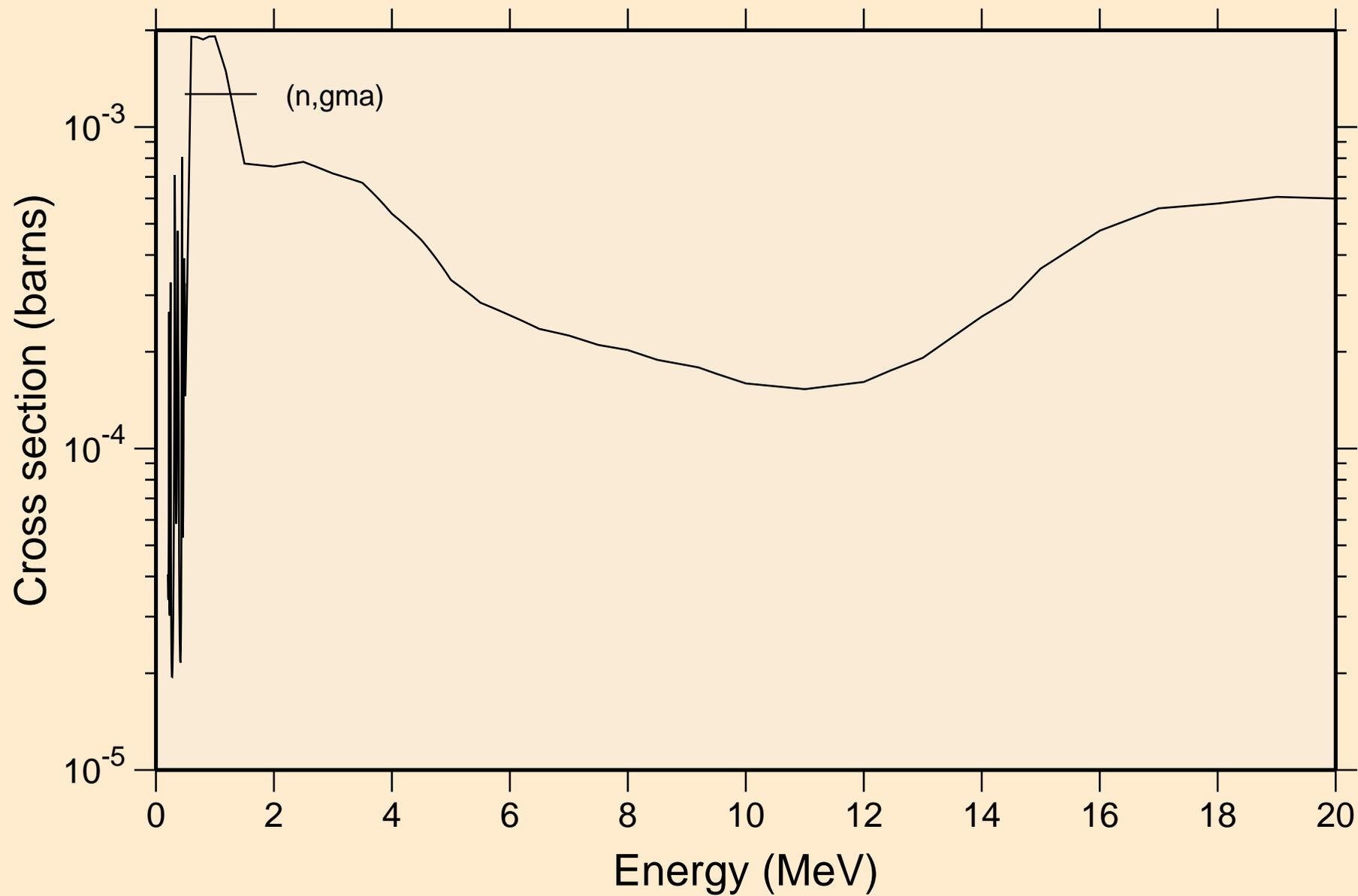
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Damage



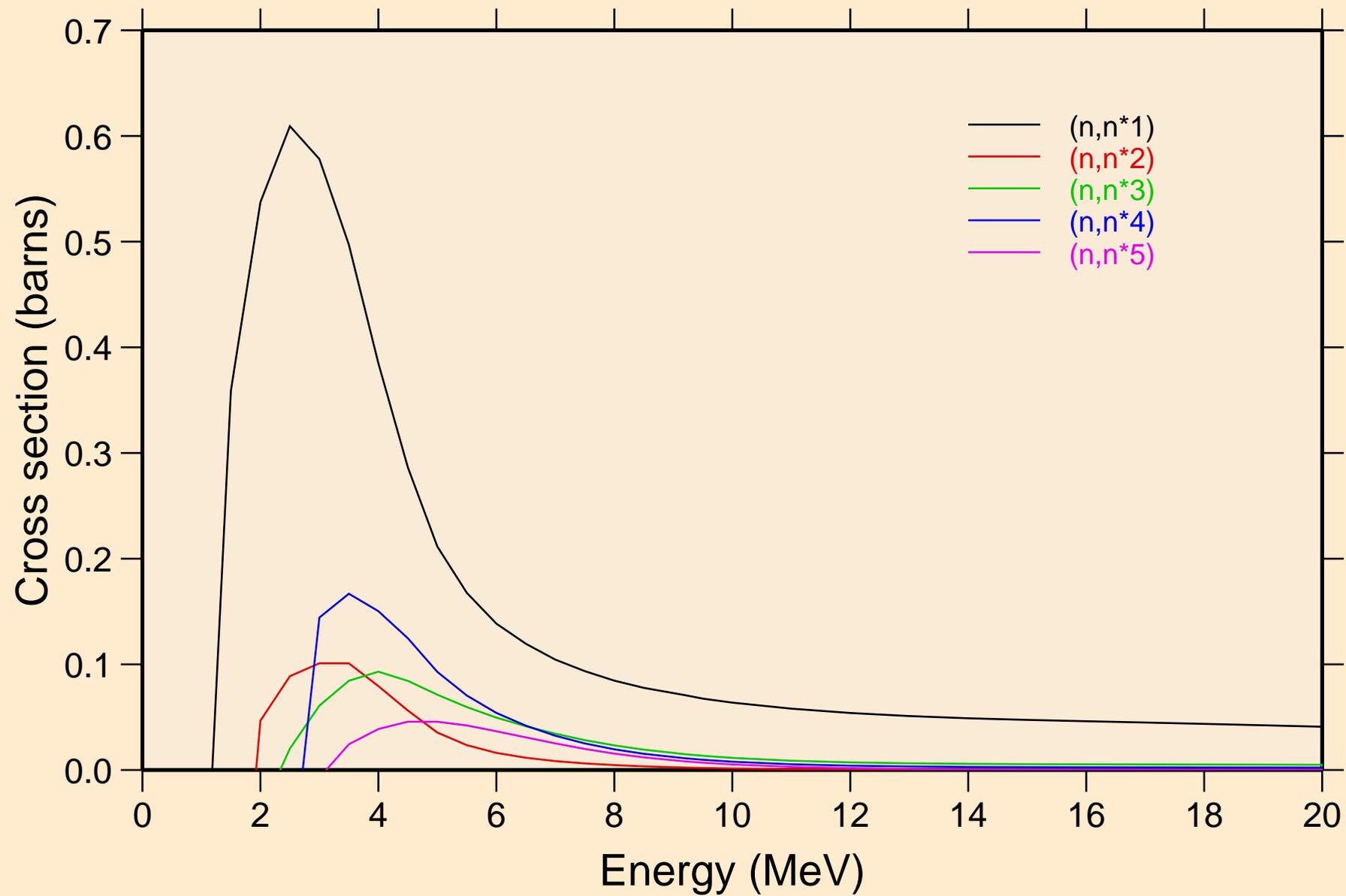
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Non-threshold reactions



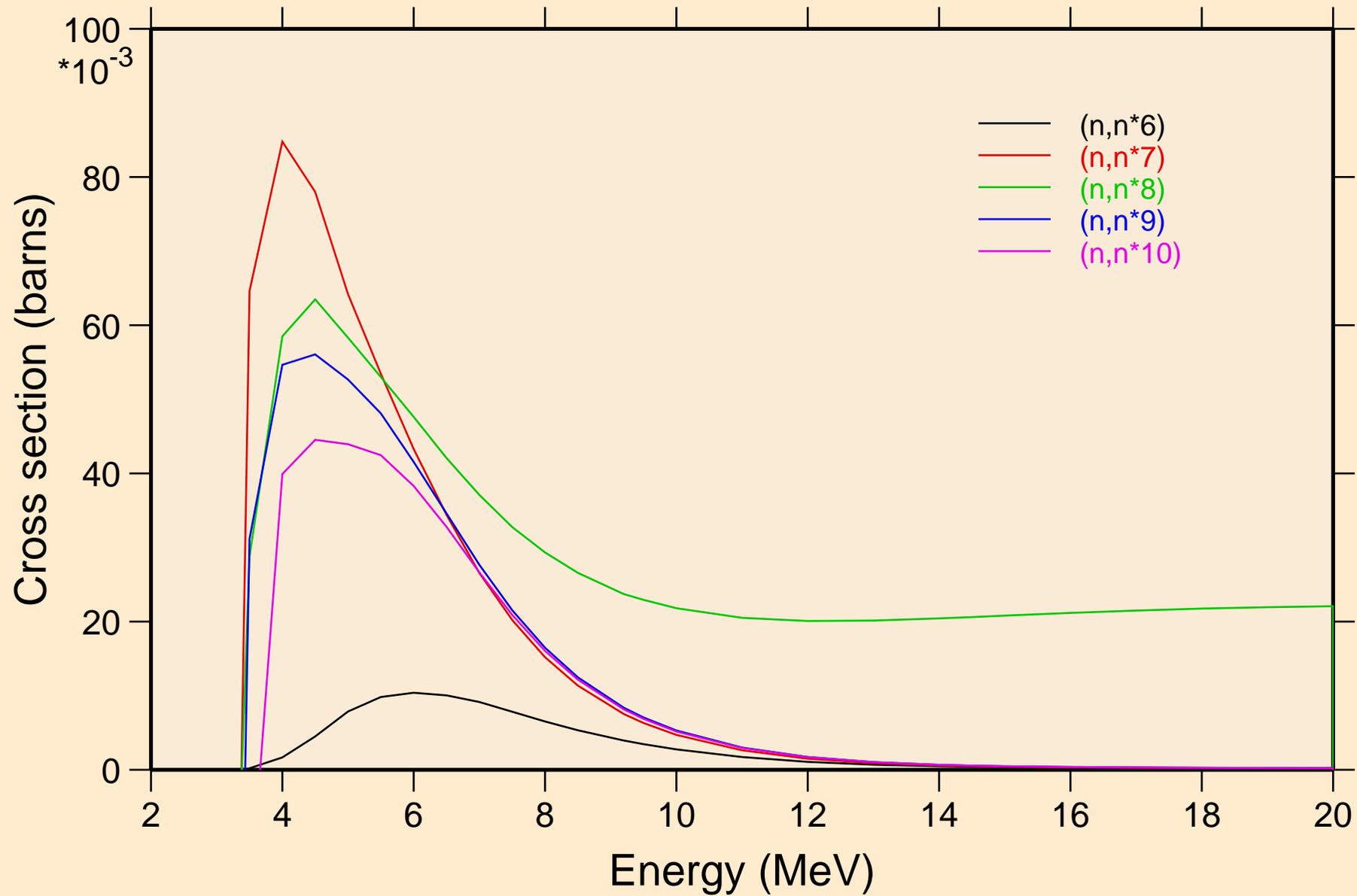
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



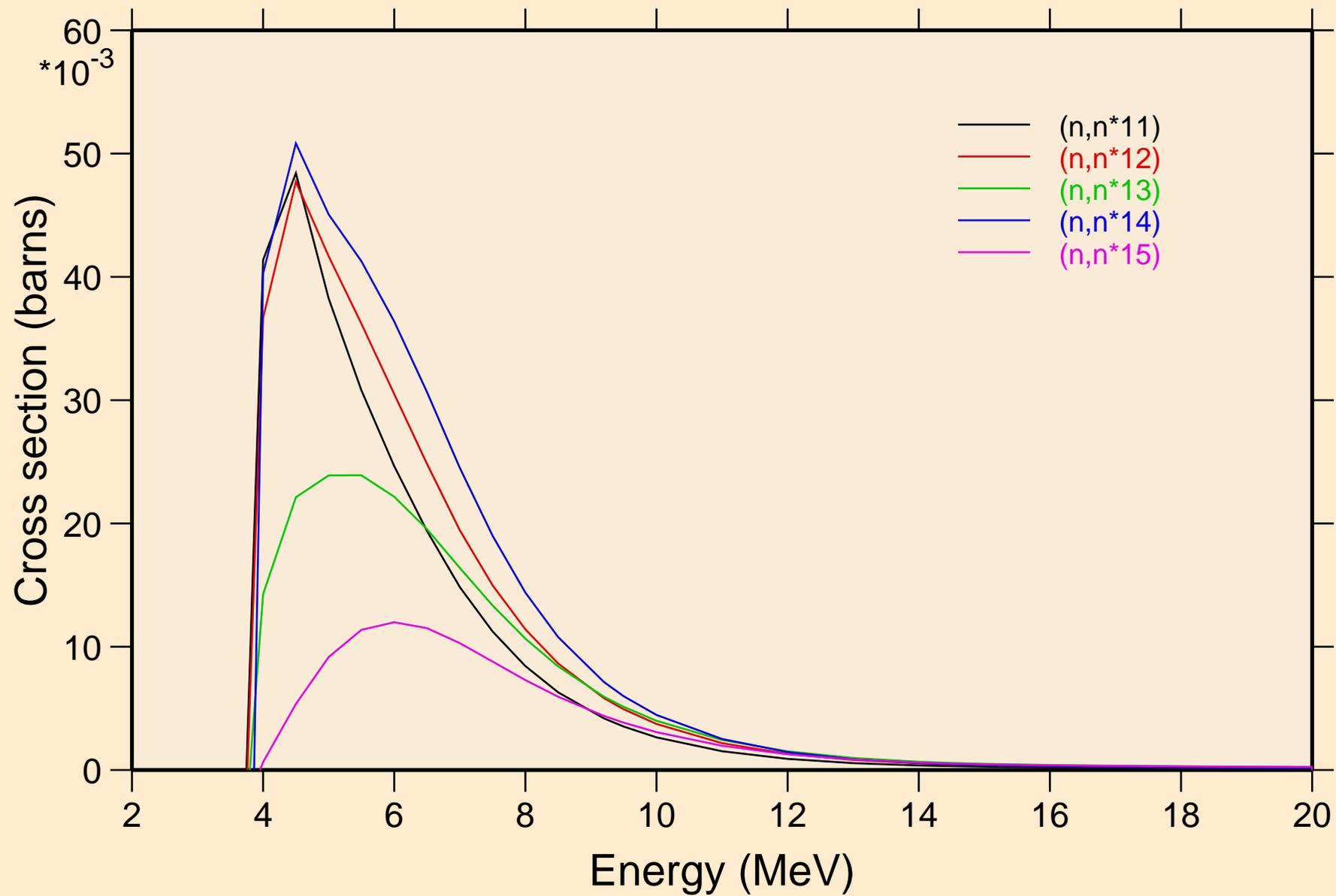
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



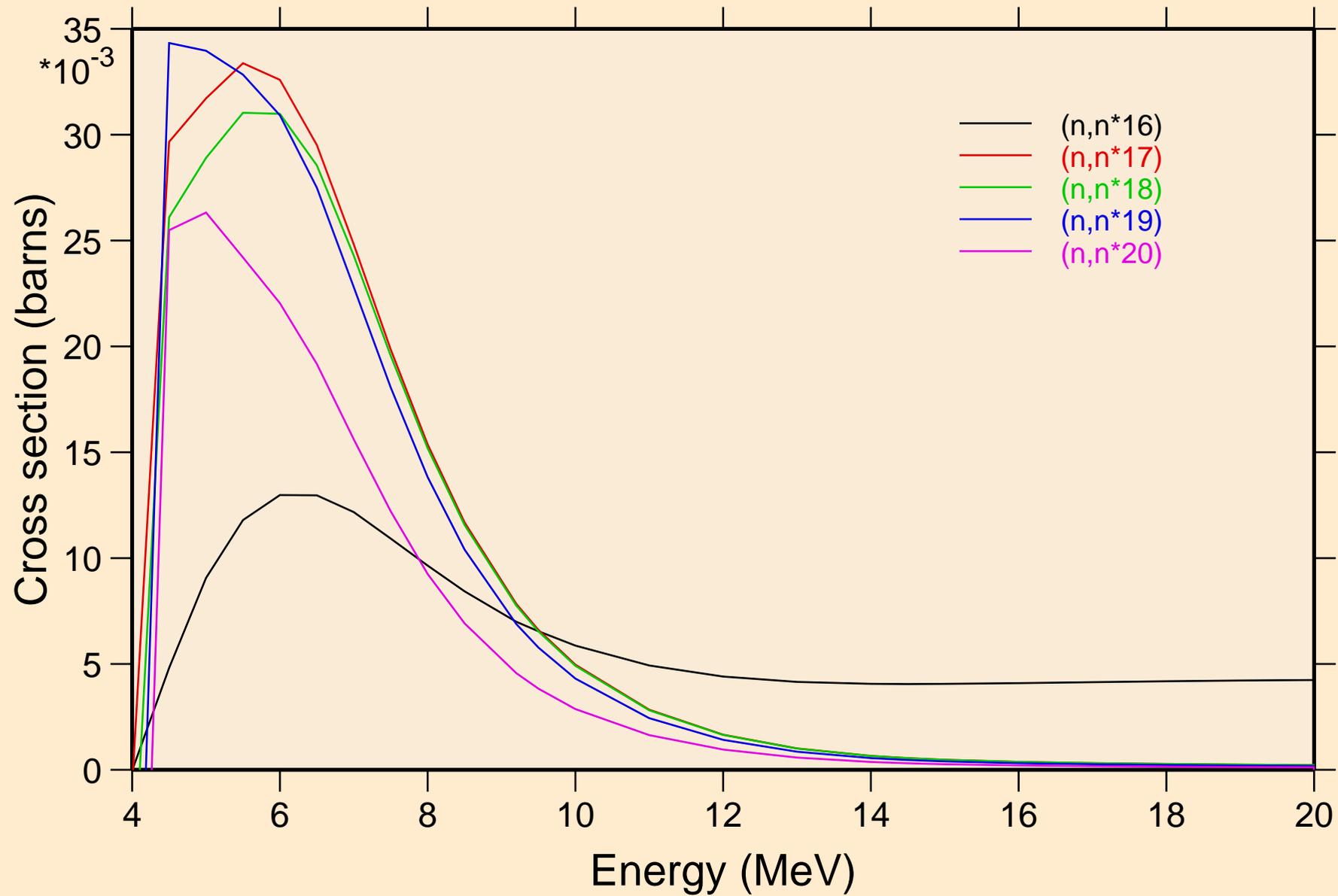
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



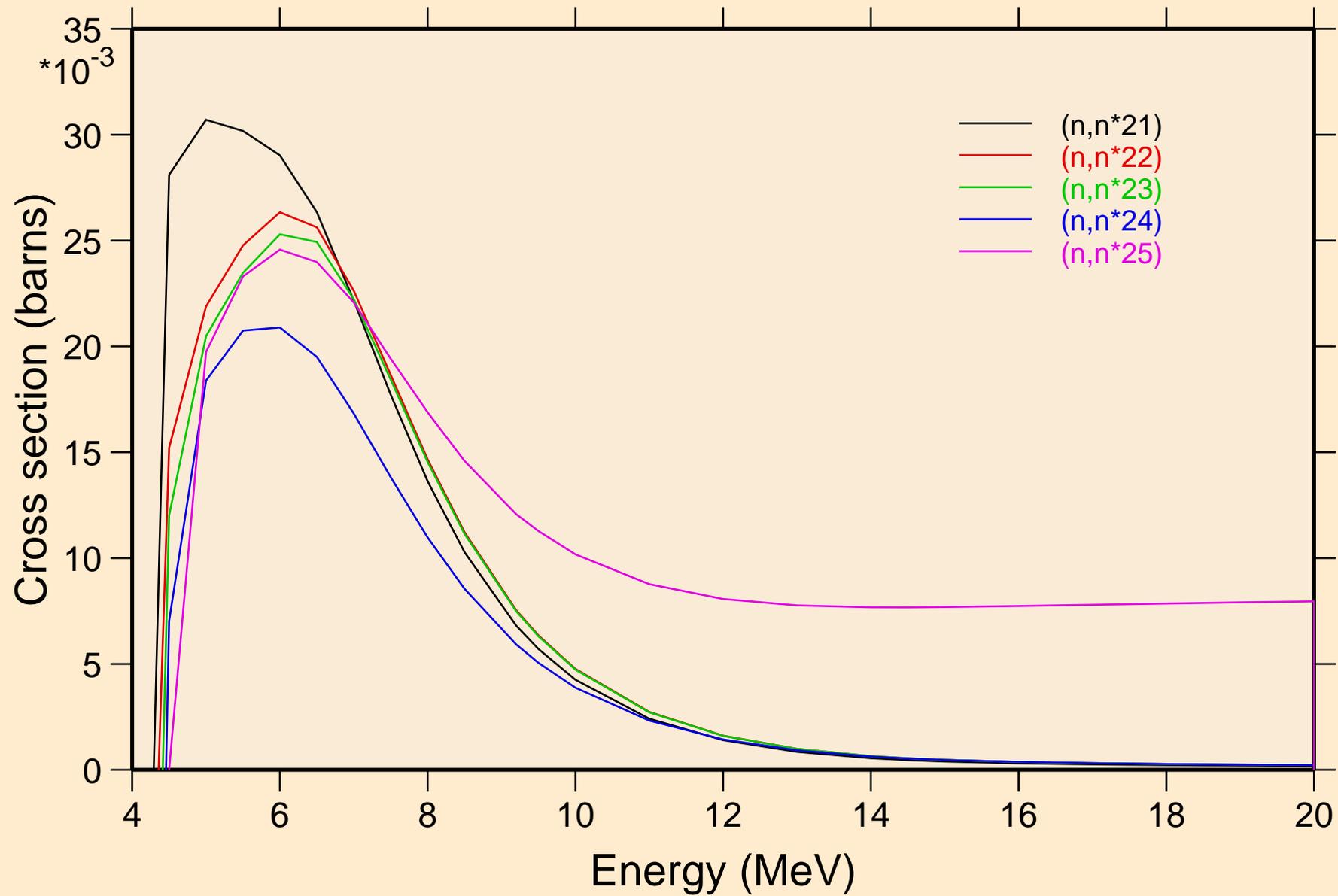
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



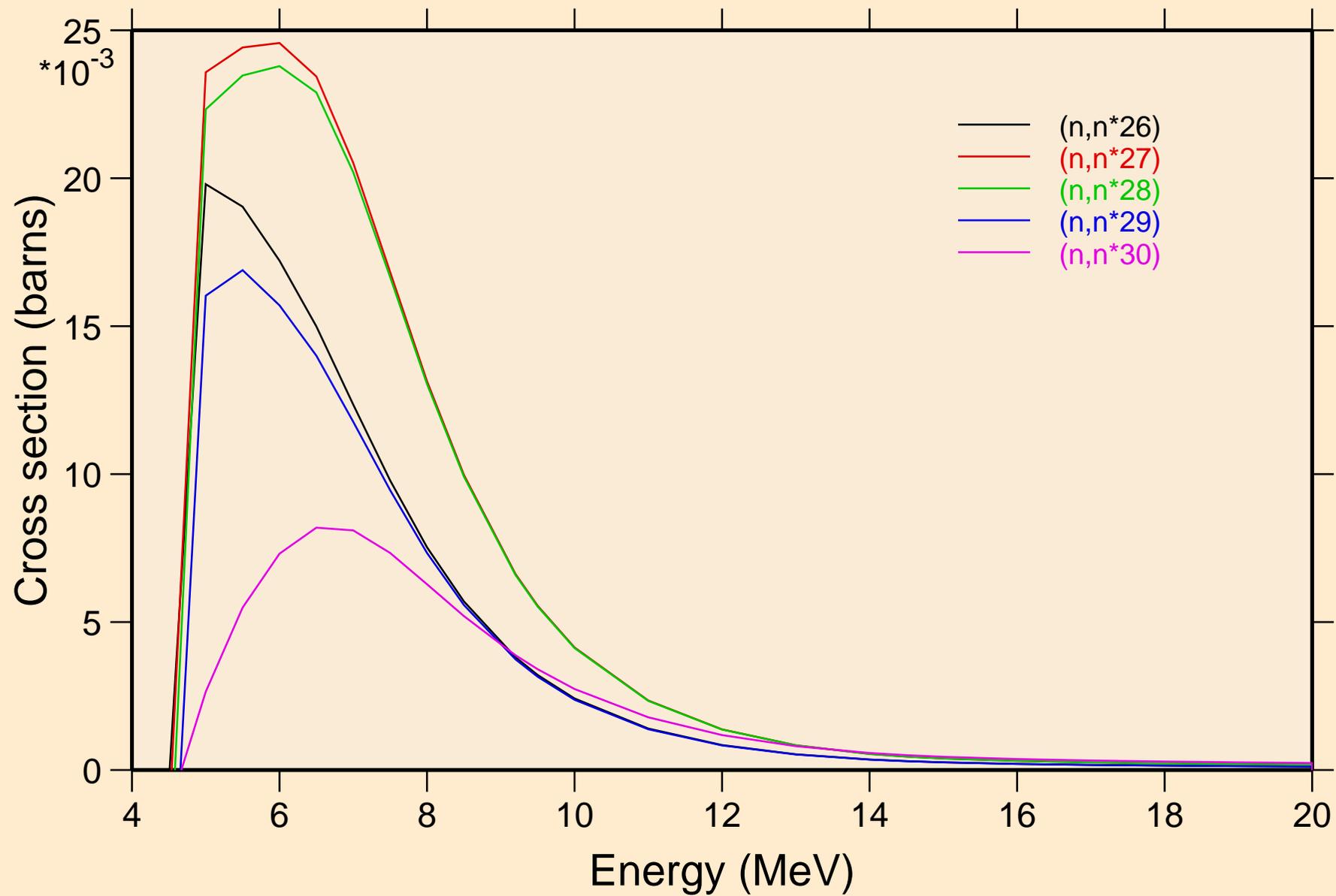
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



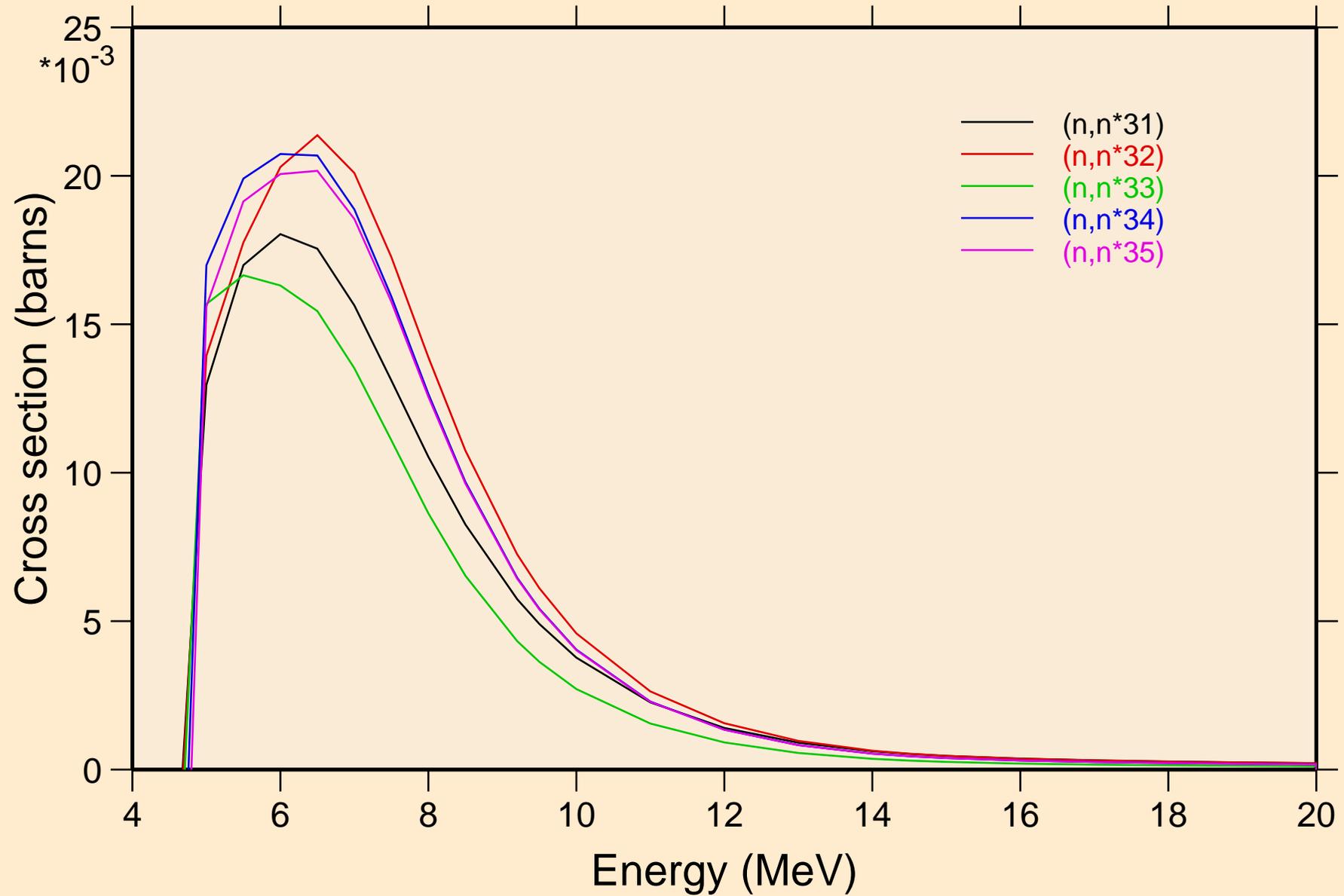
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



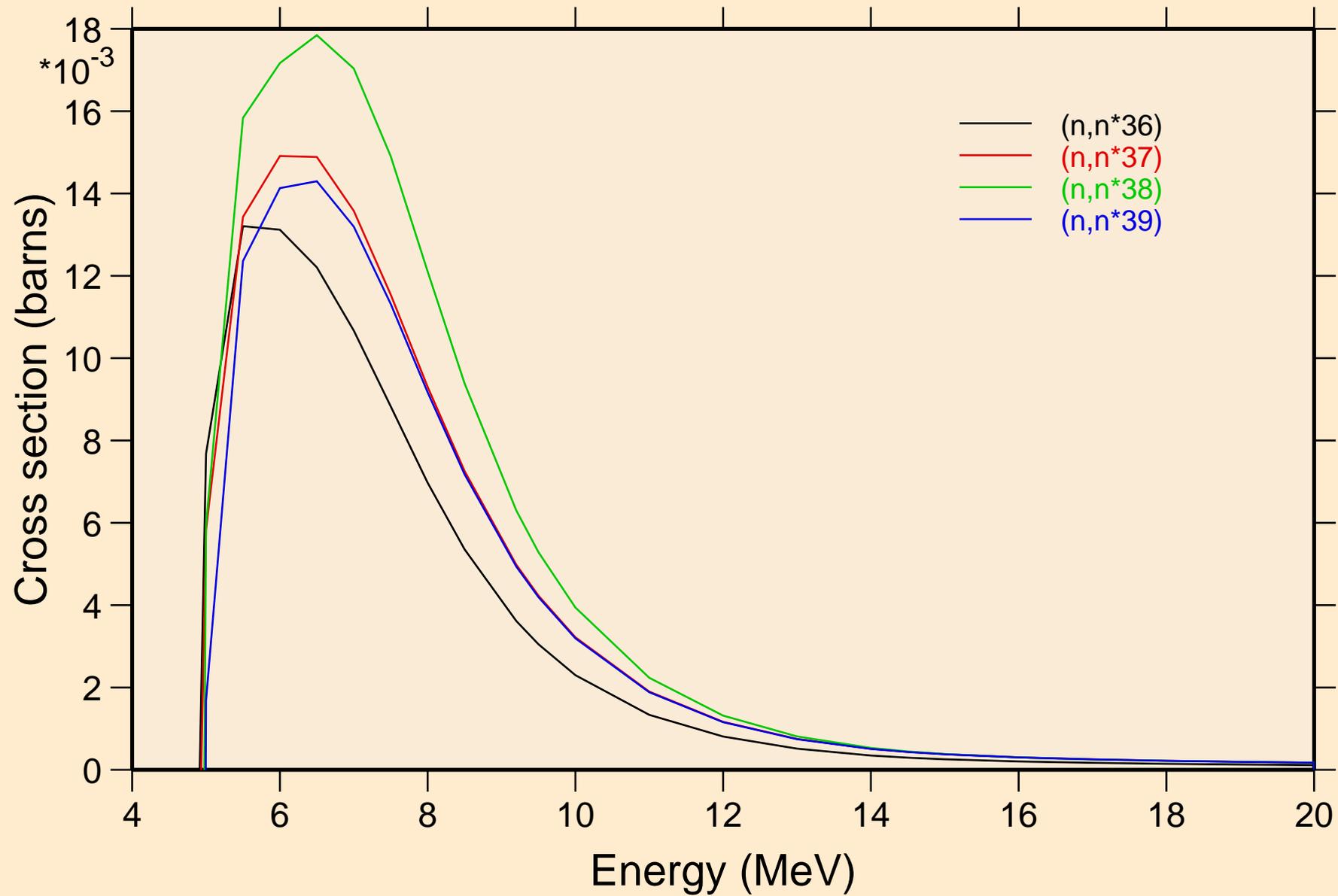
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels



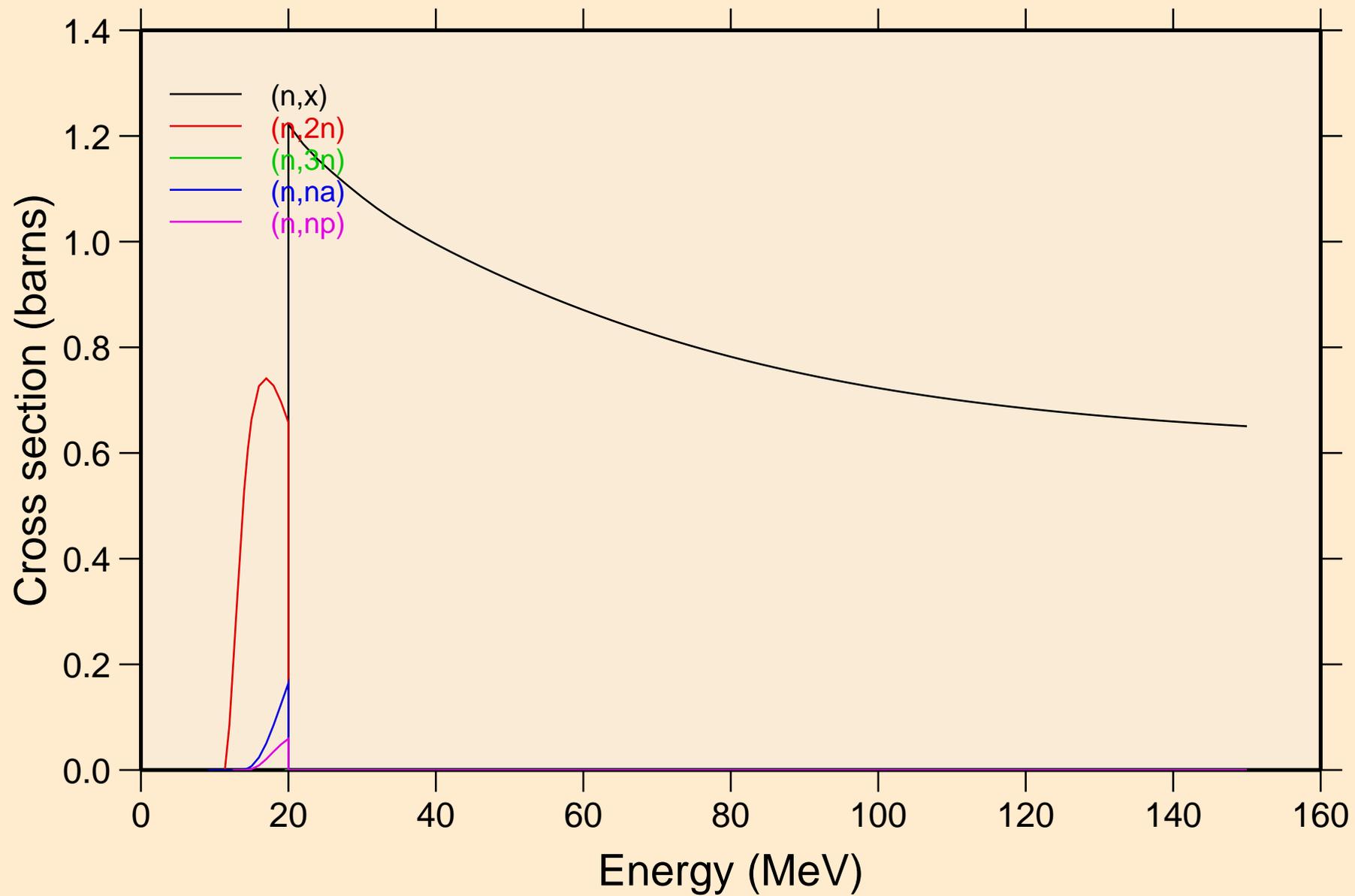
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Inelastic levels

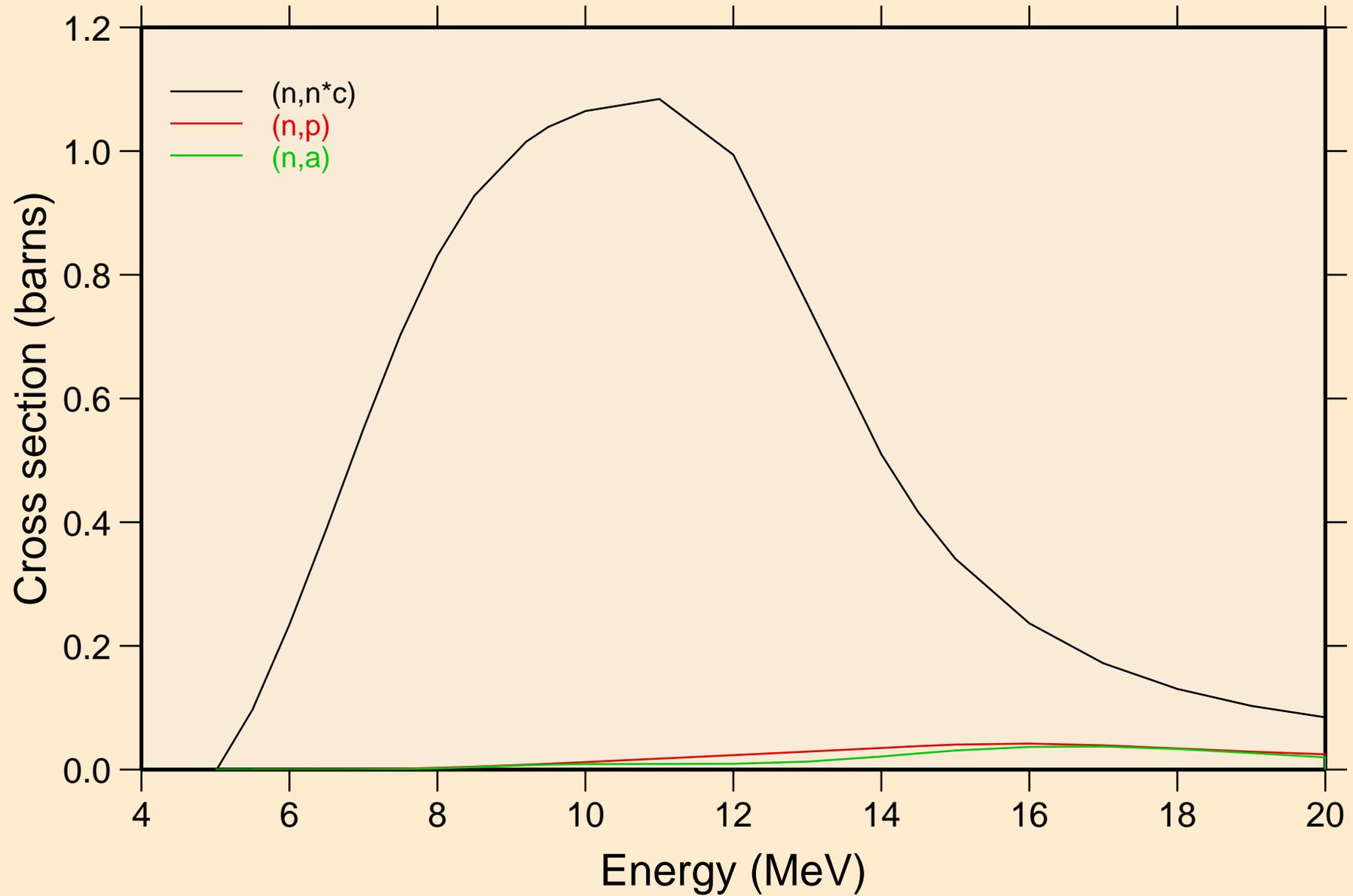


# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

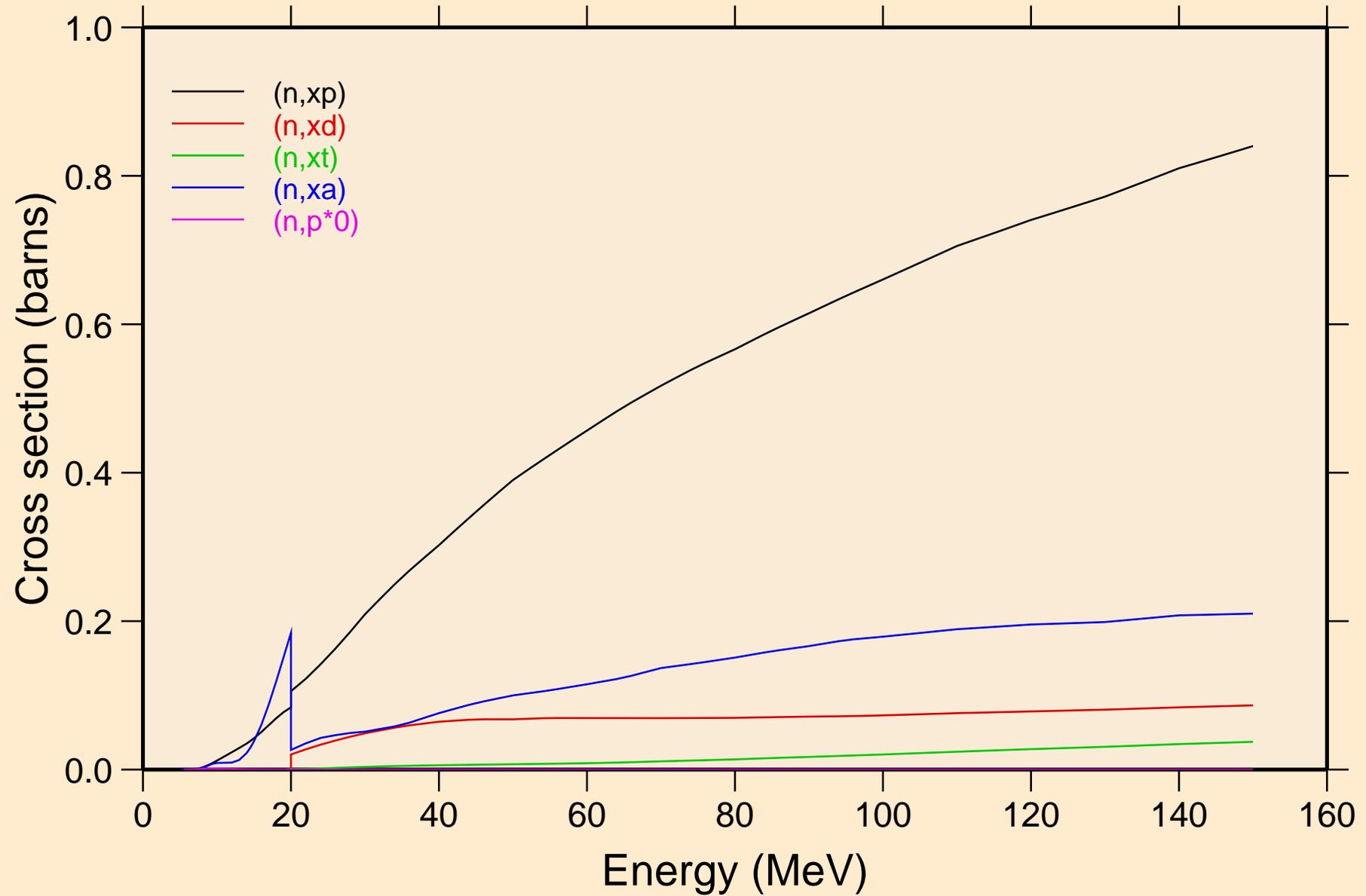
## Threshold reactions



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Threshold reactions

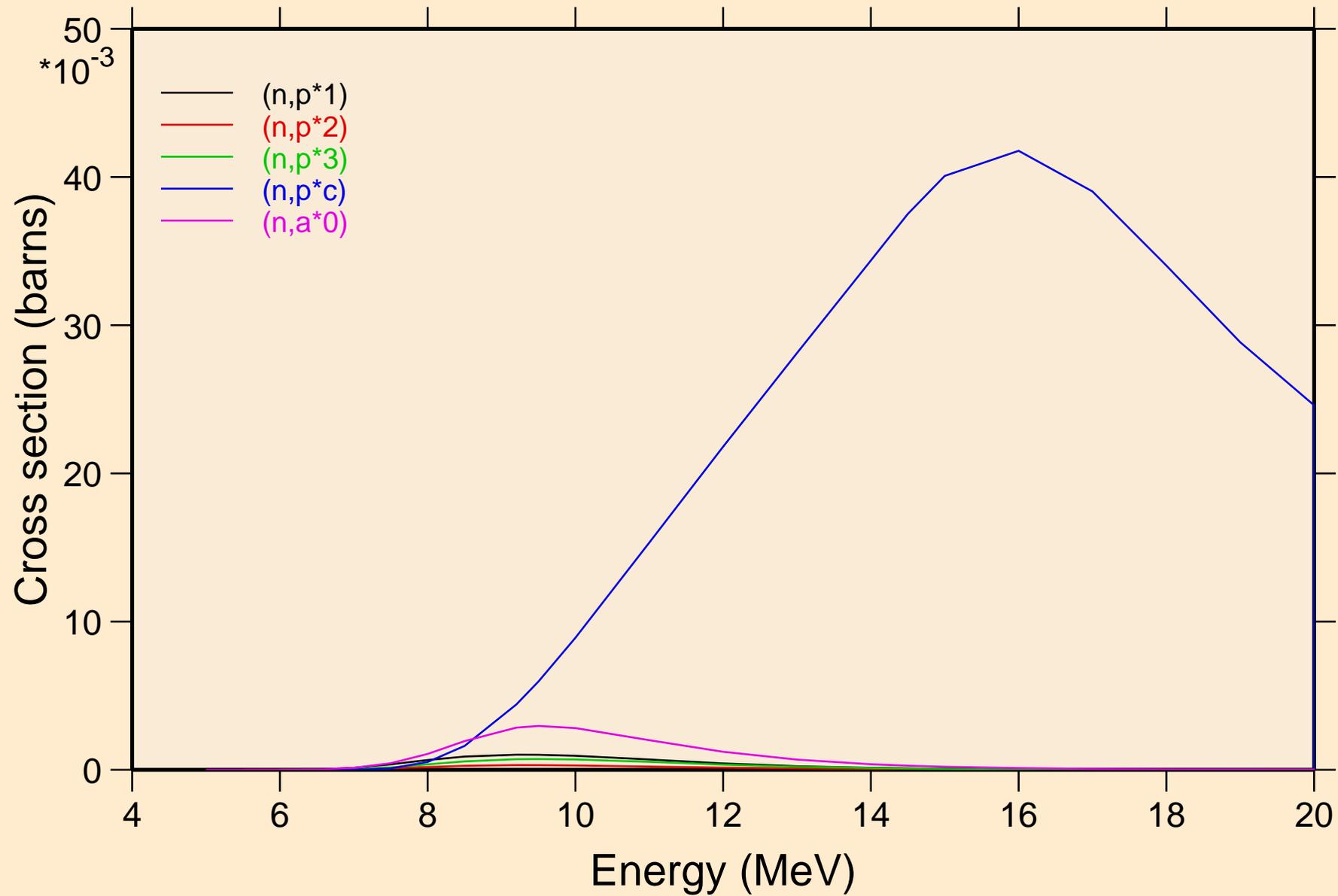


# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS) Threshold reactions



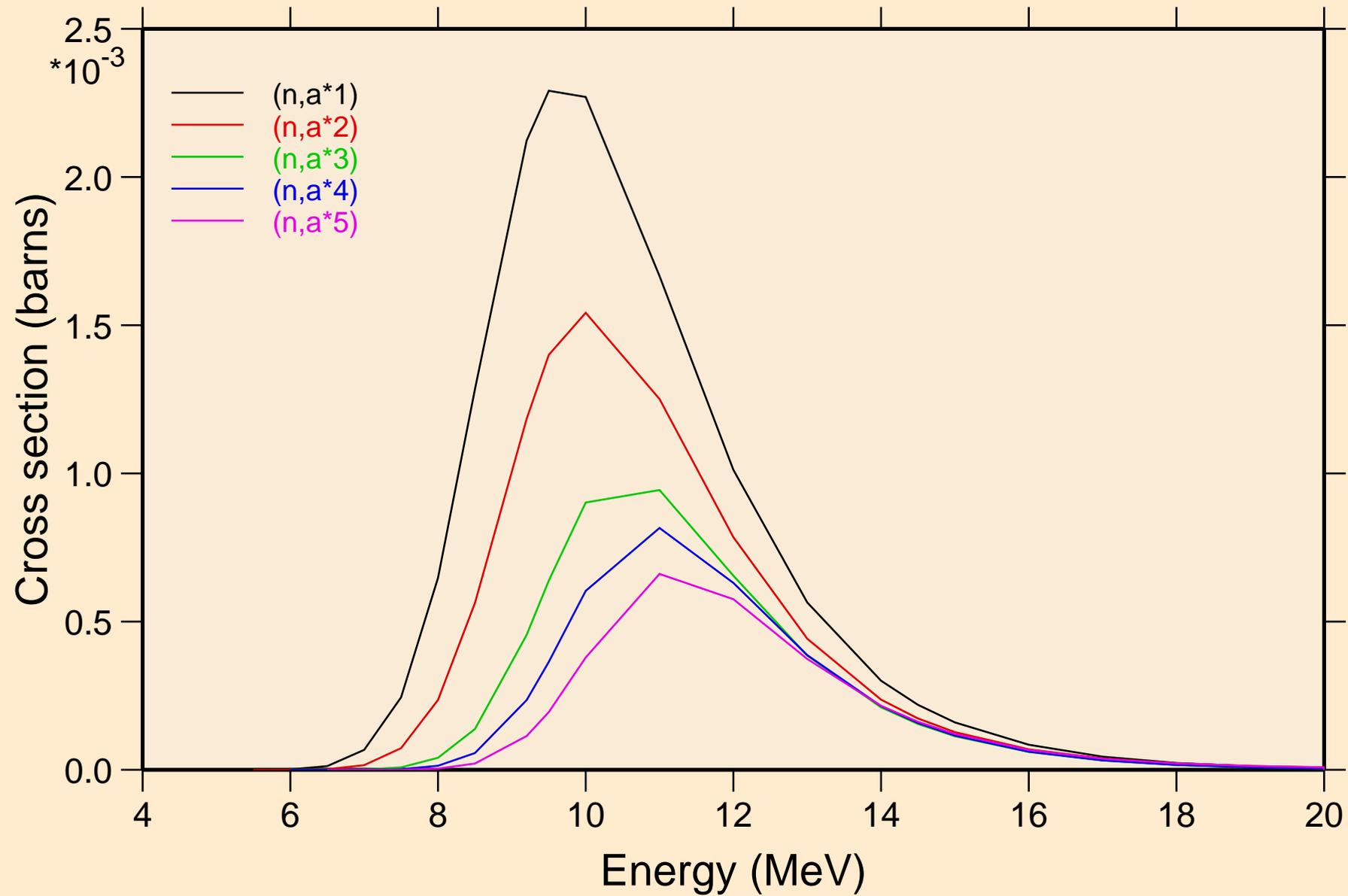
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Threshold reactions

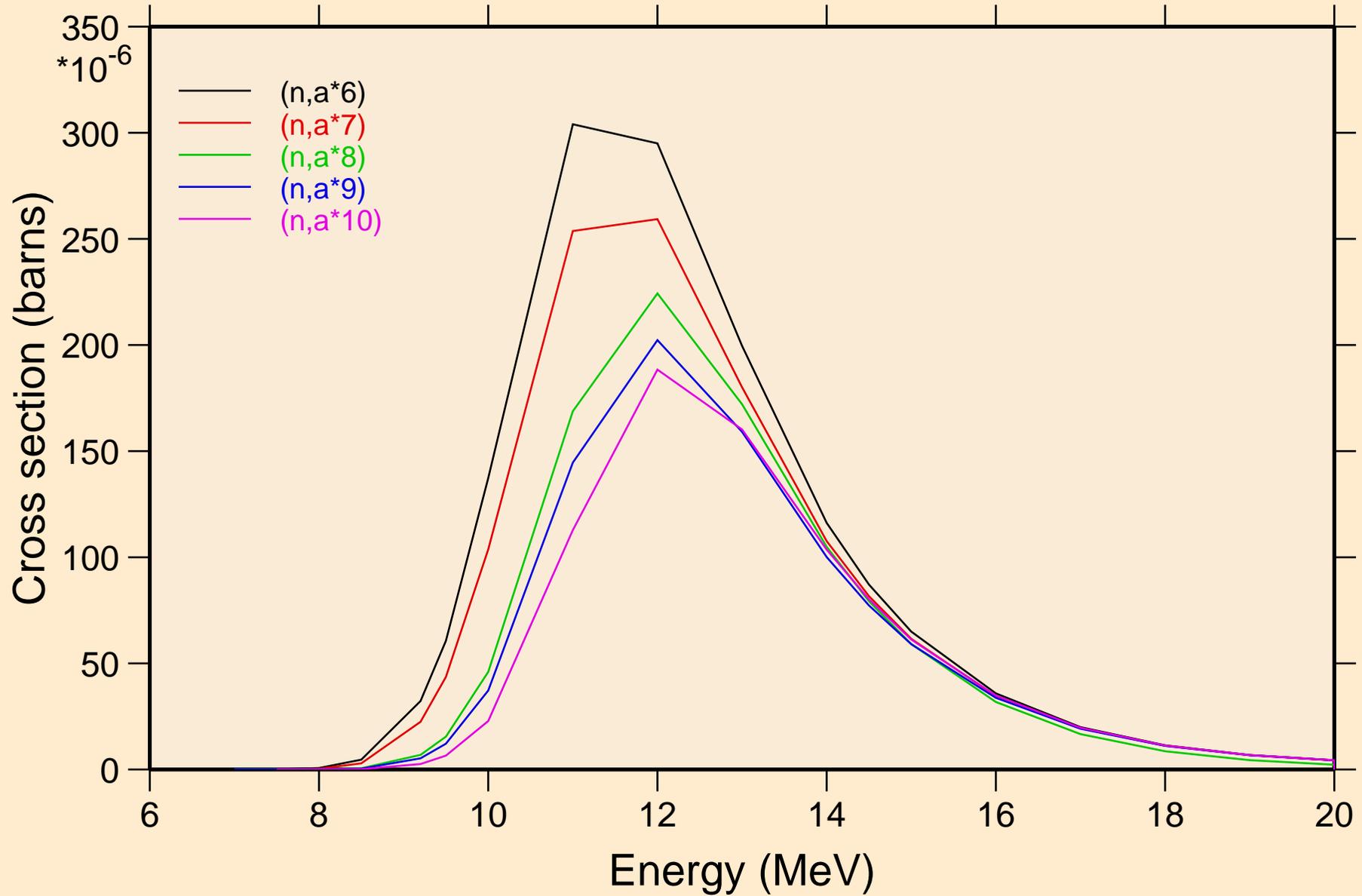


# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Threshold reactions

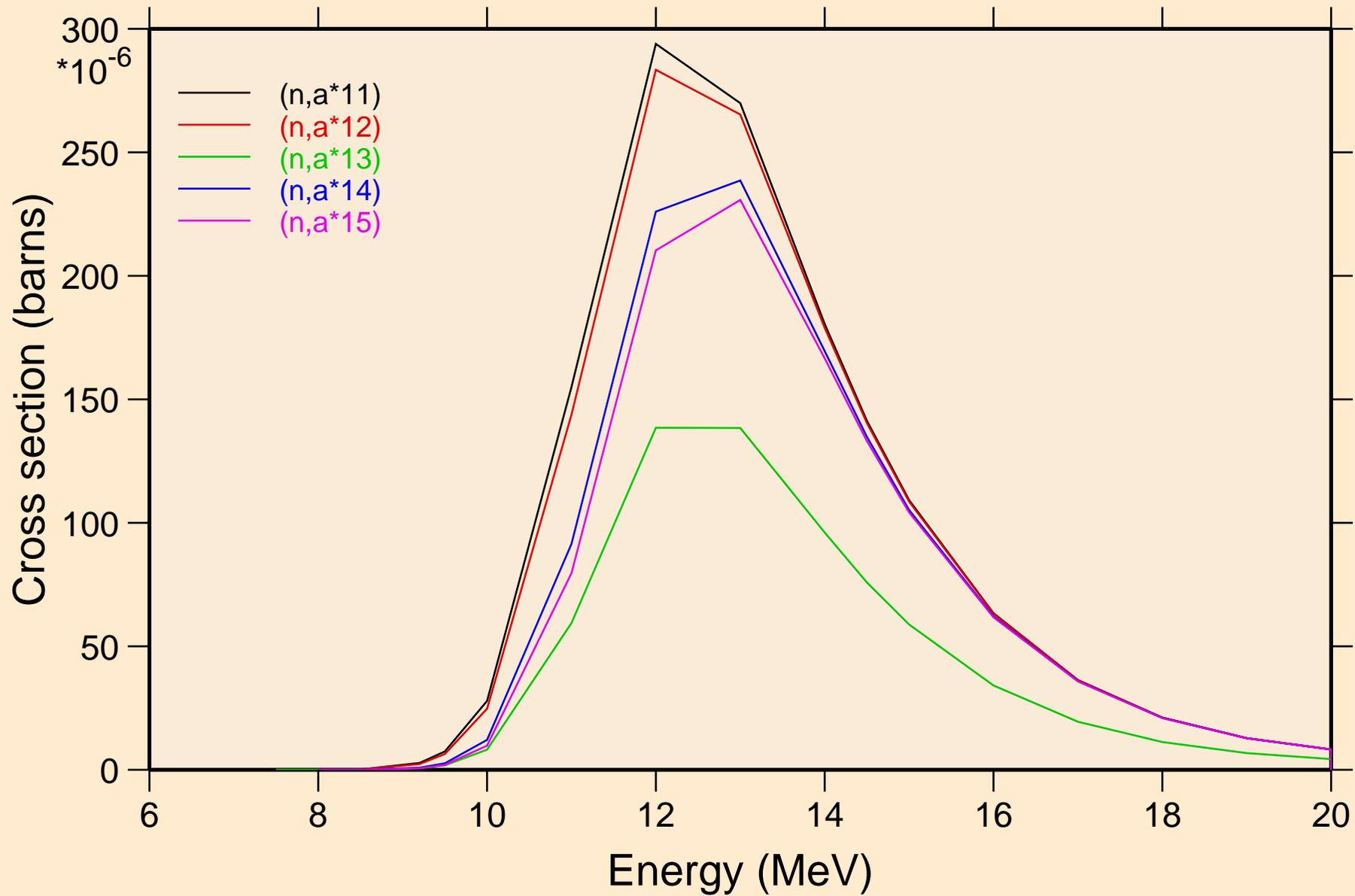


20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Threshold reactions



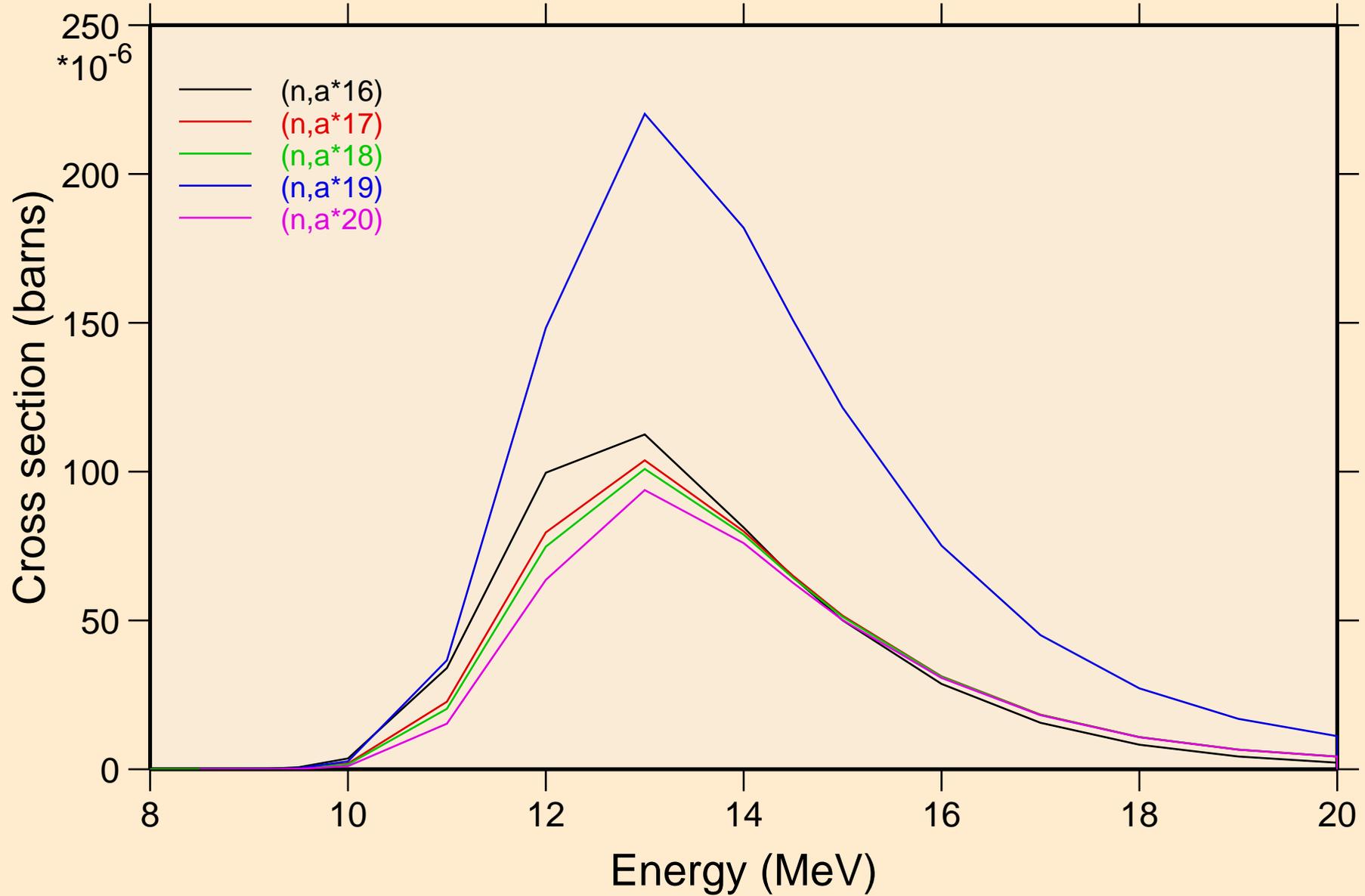
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Threshold reactions



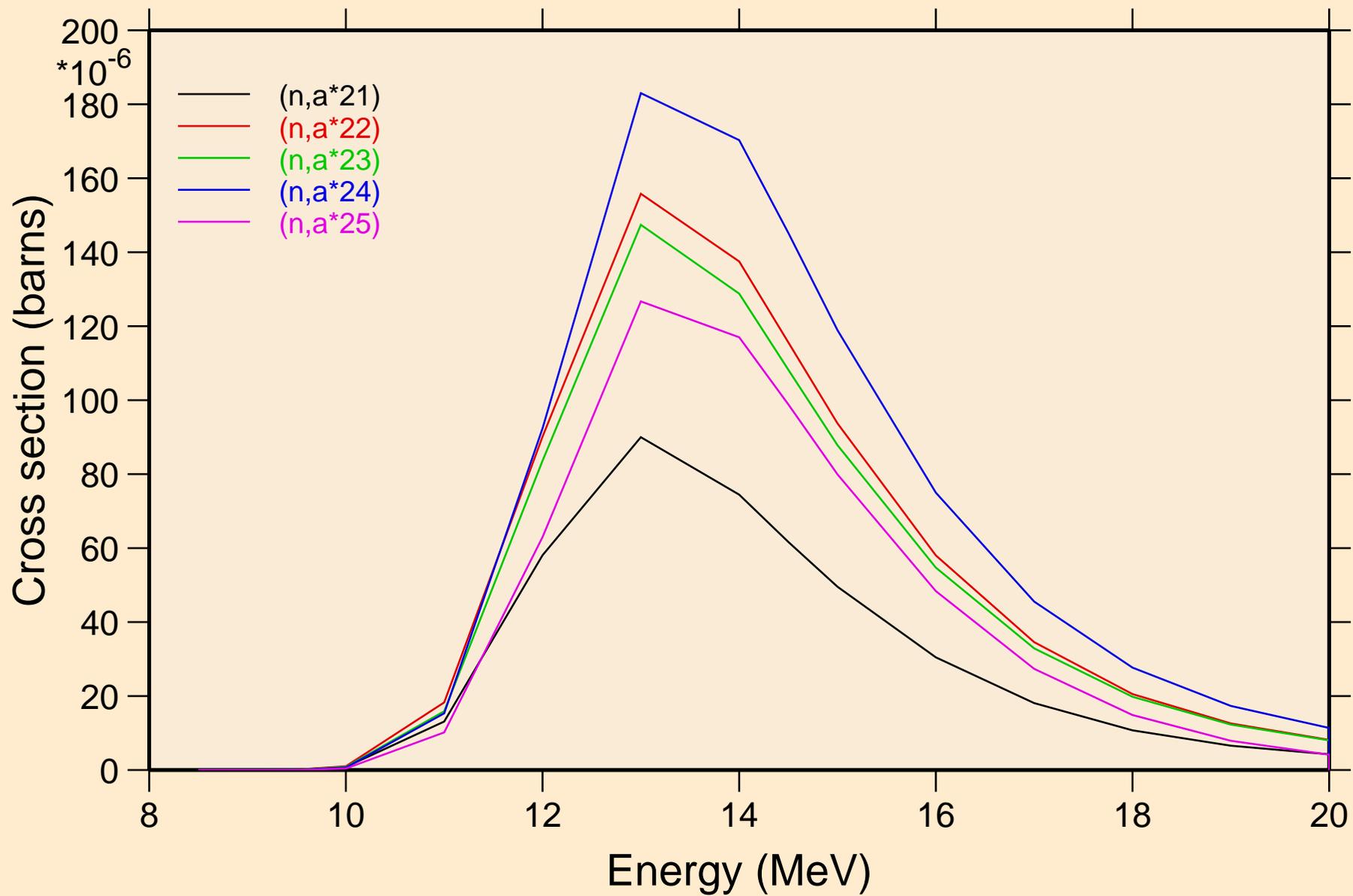
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Threshold reactions



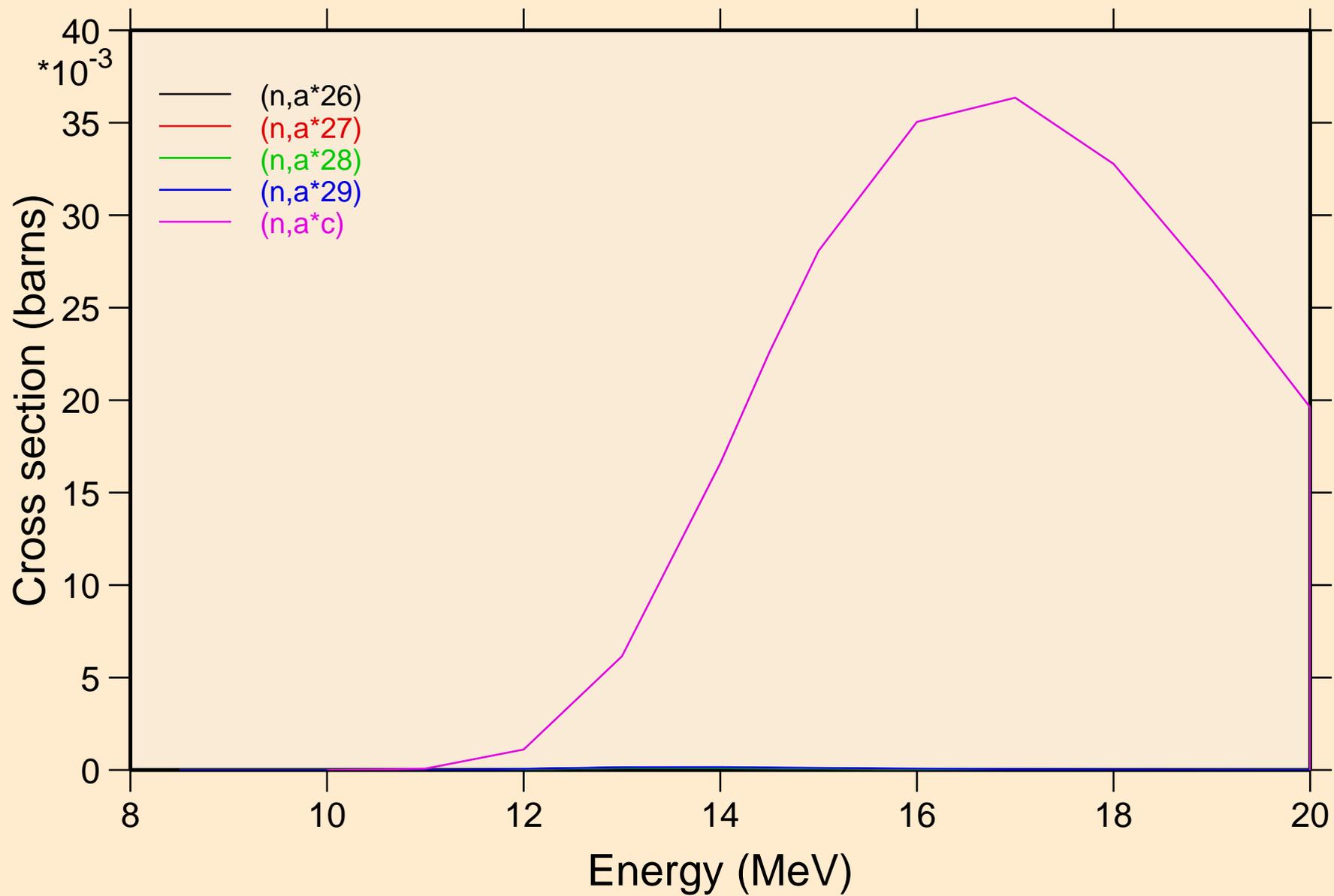
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Threshold reactions

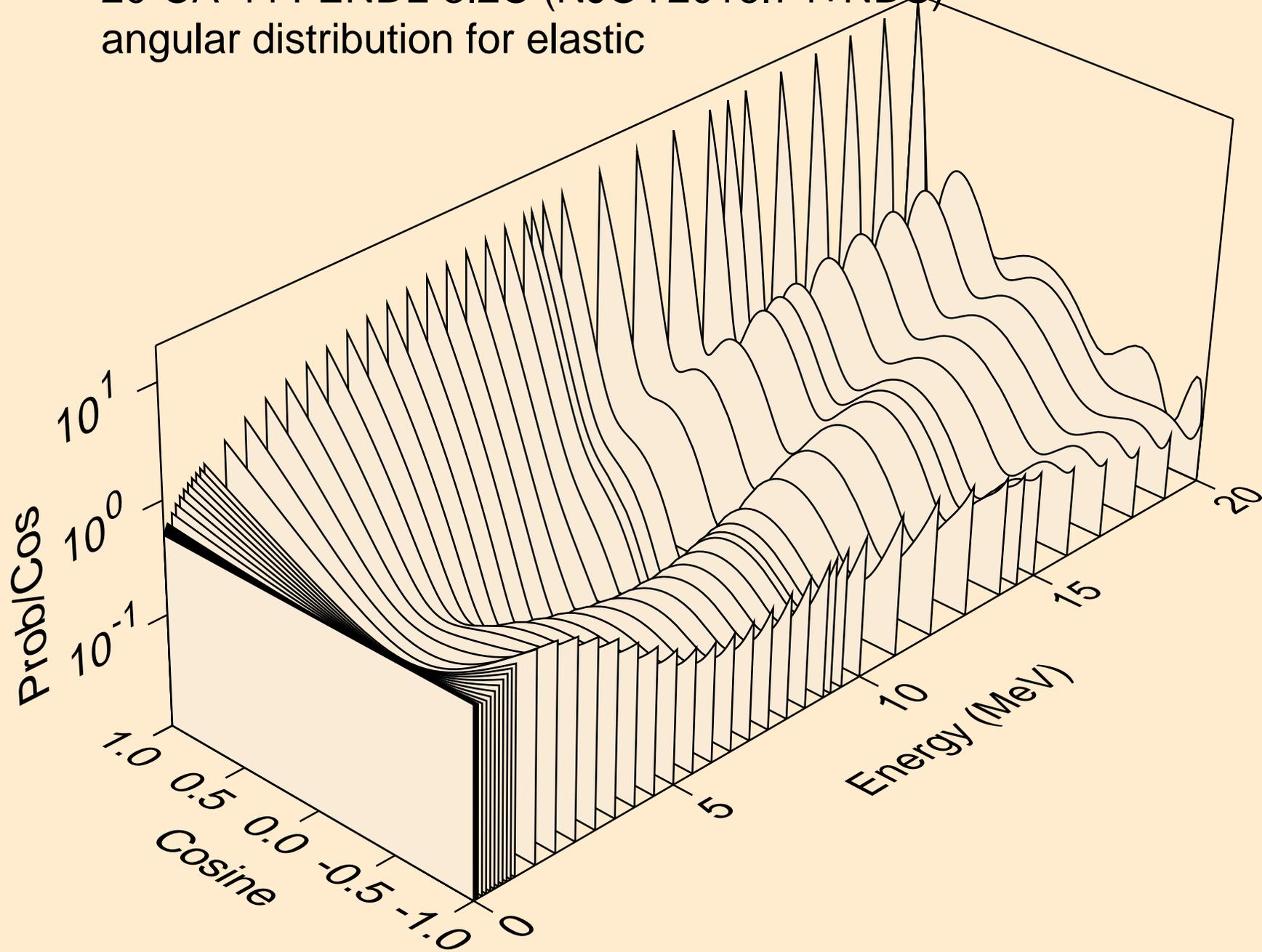


# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

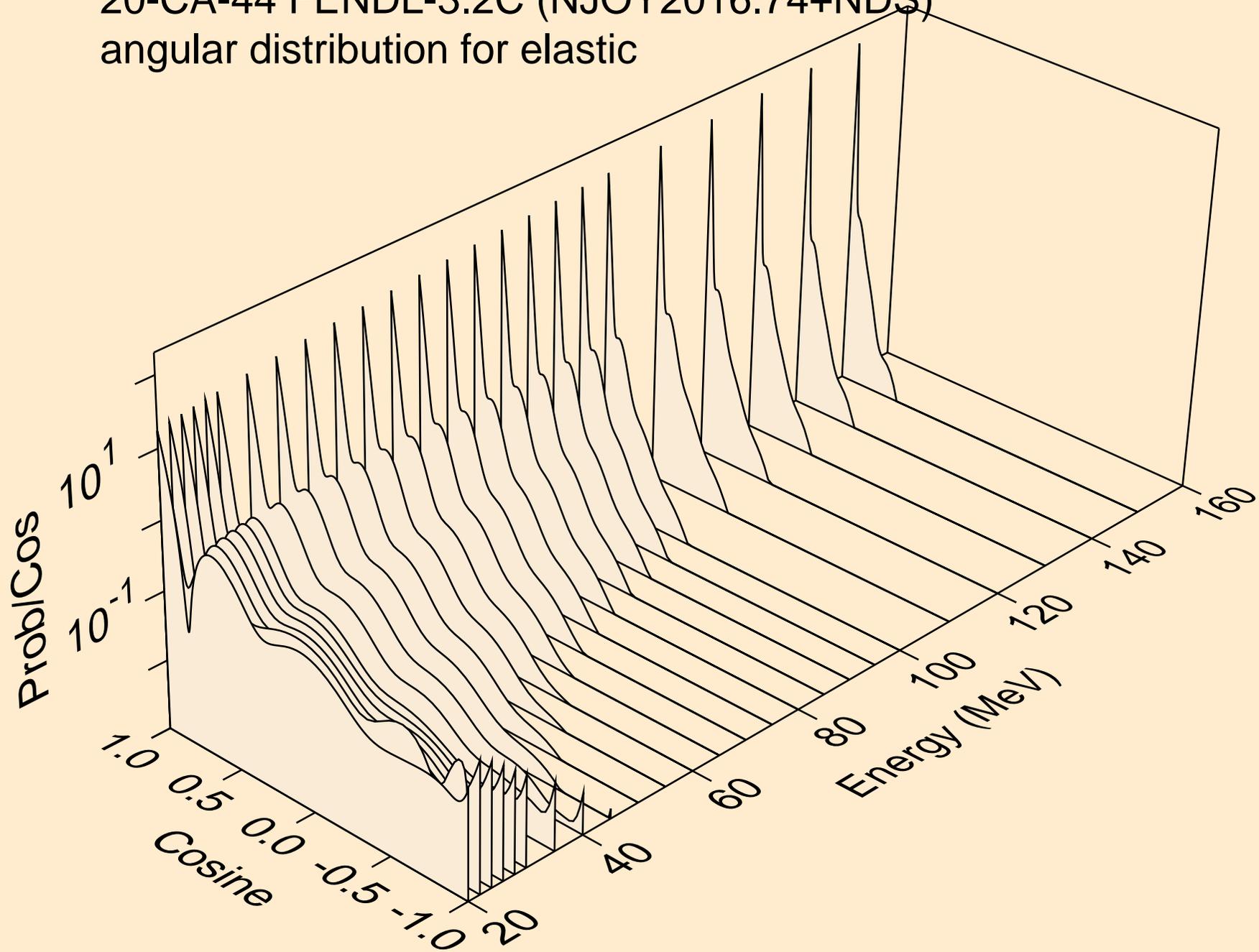
## Threshold reactions



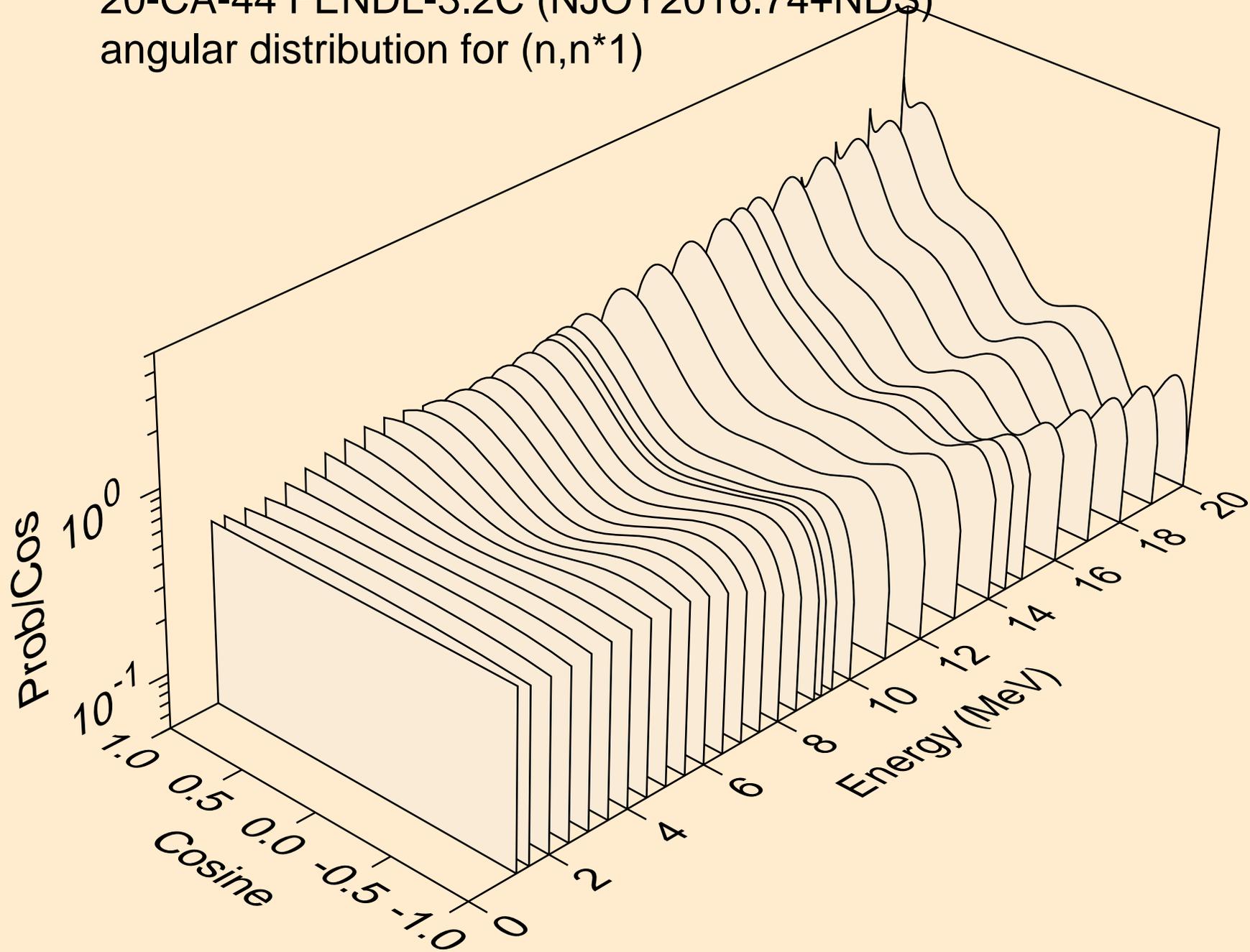
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for elastic



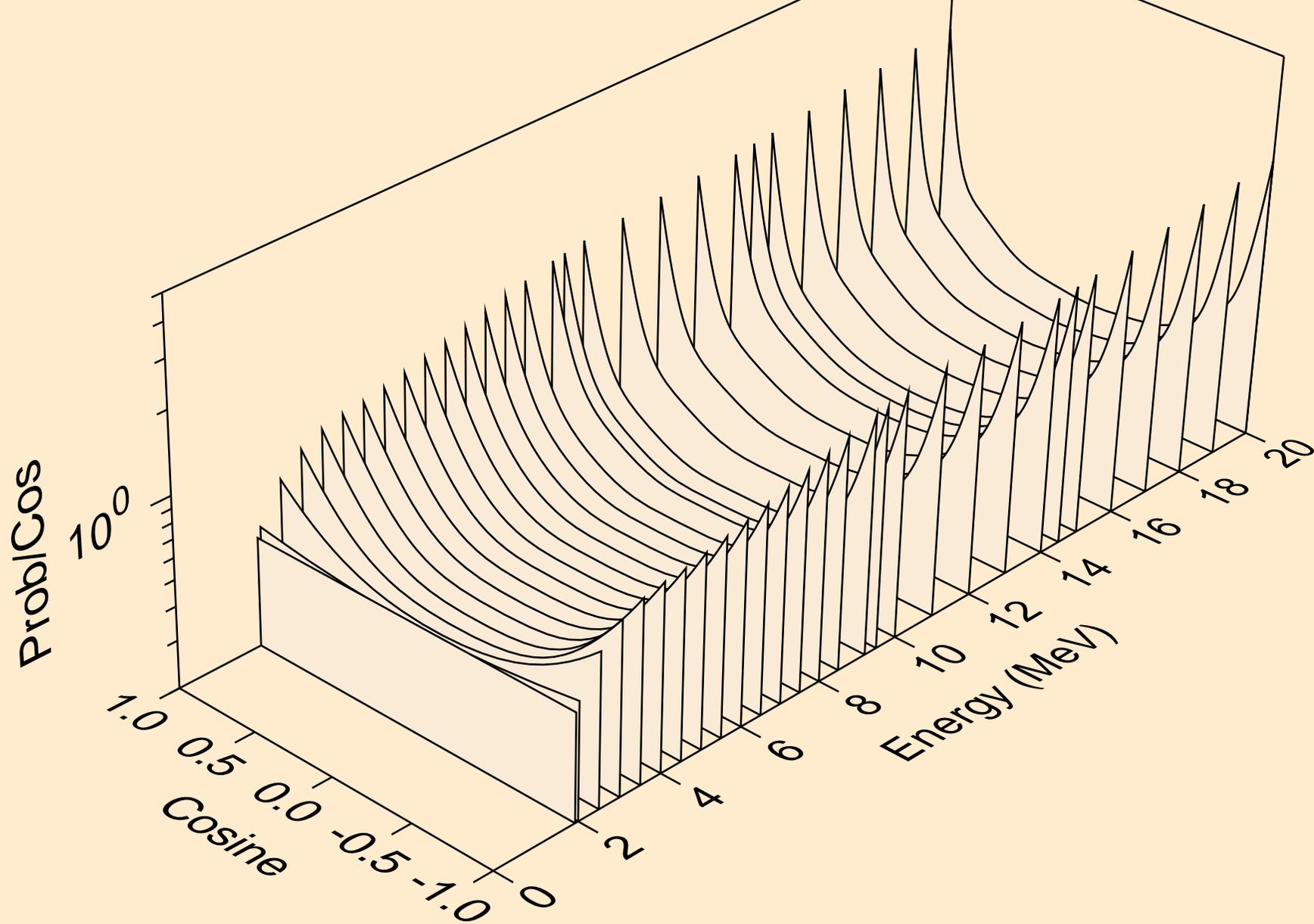
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for elastic



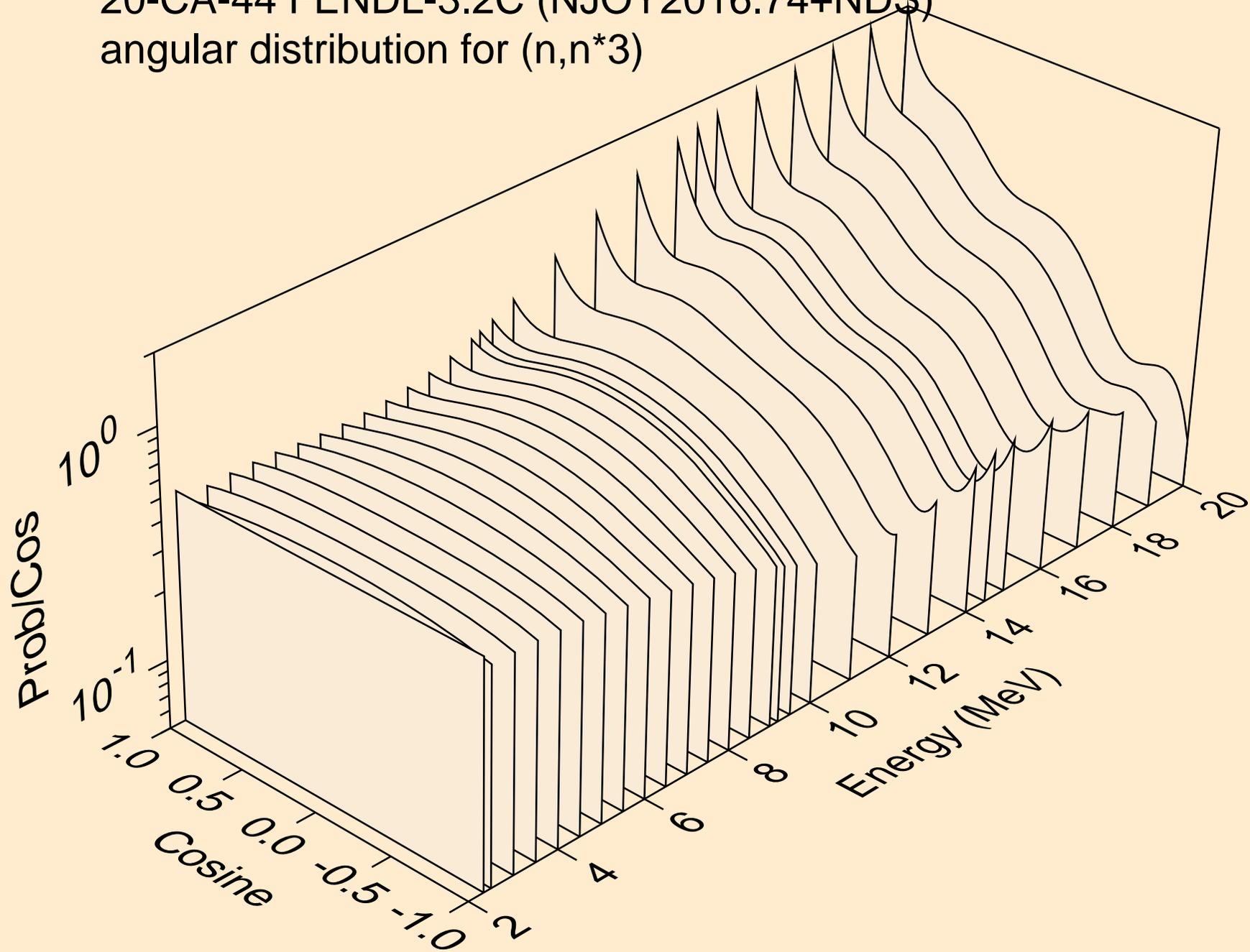
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*1)



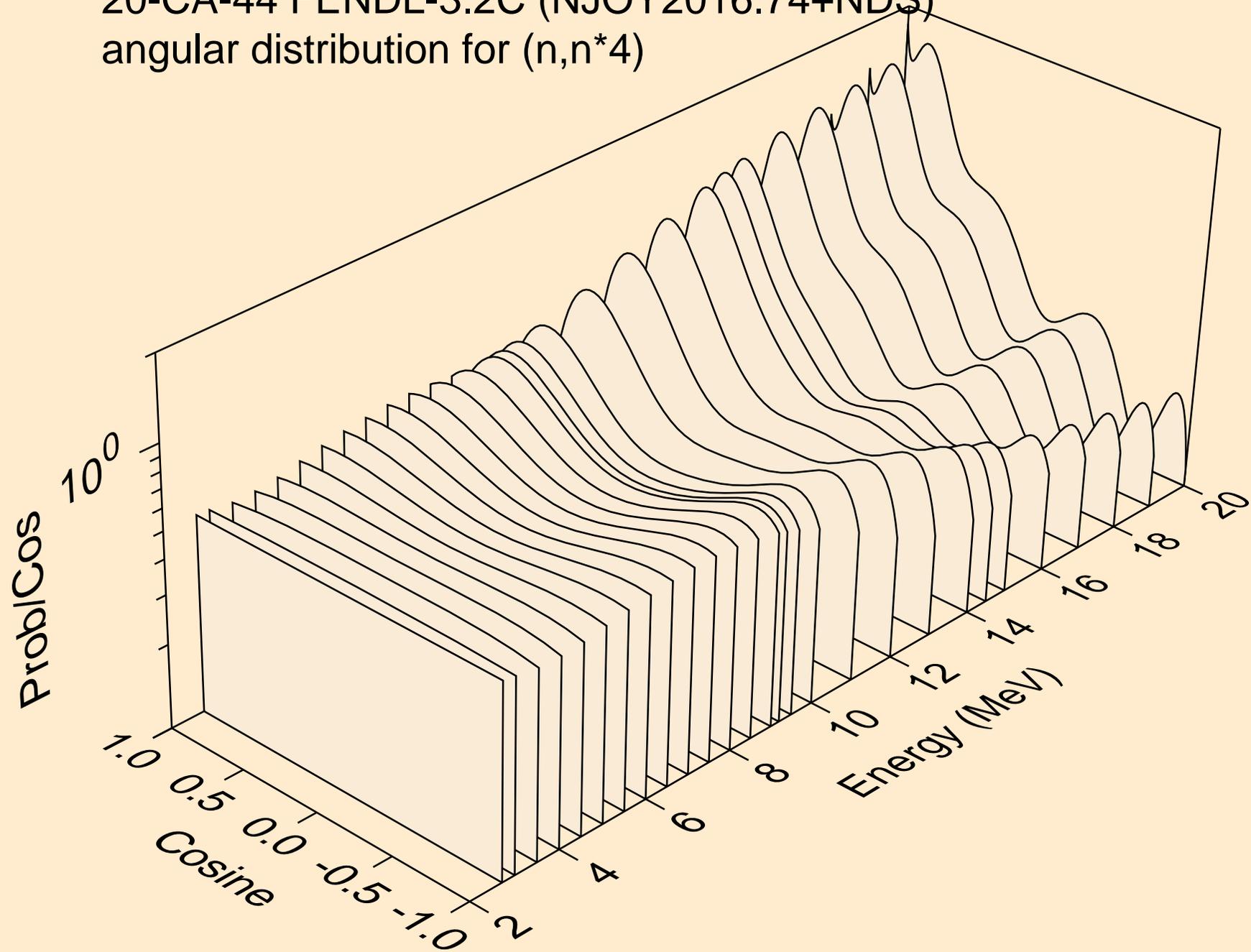
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*2)



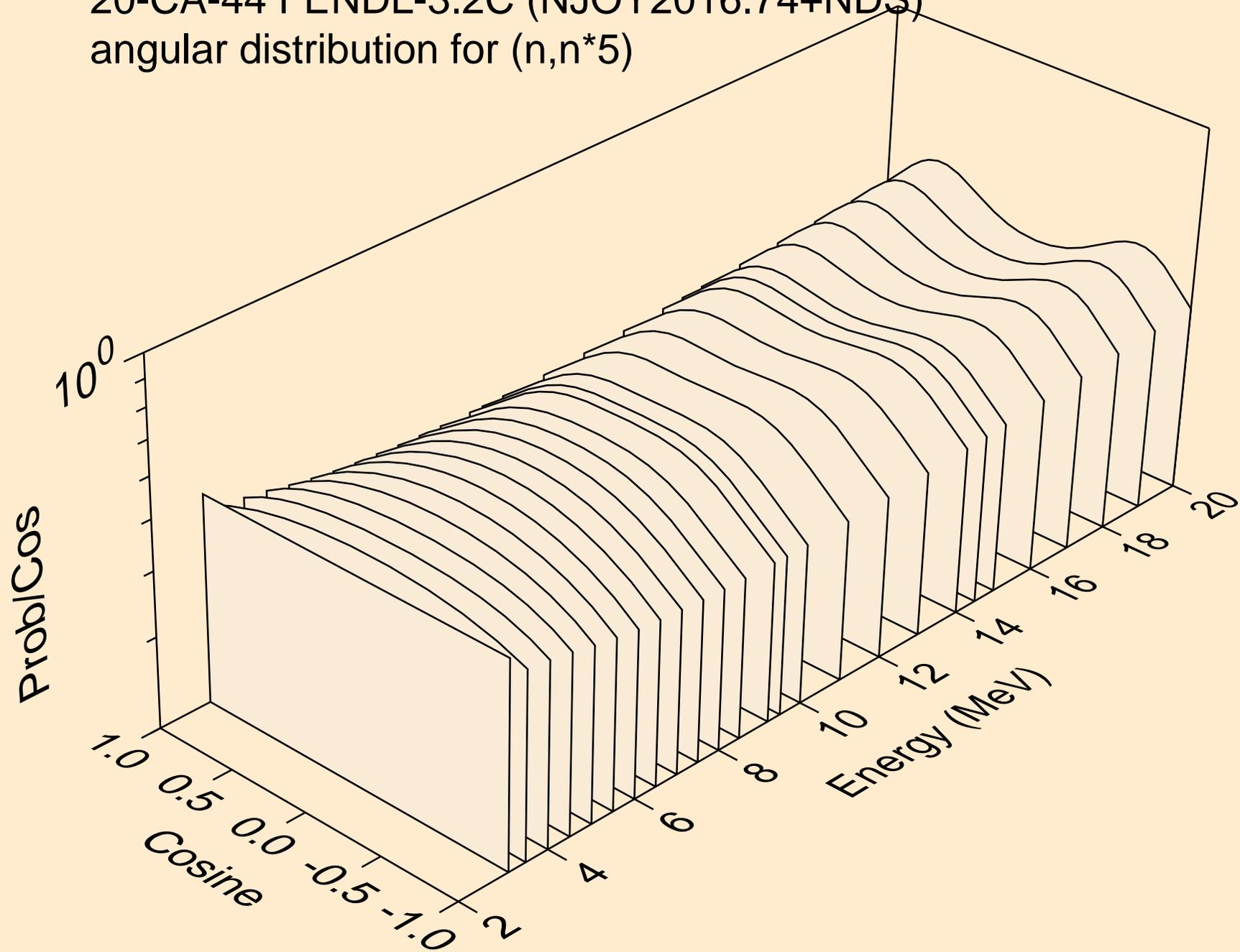
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angular distribution for (n,n\*3)



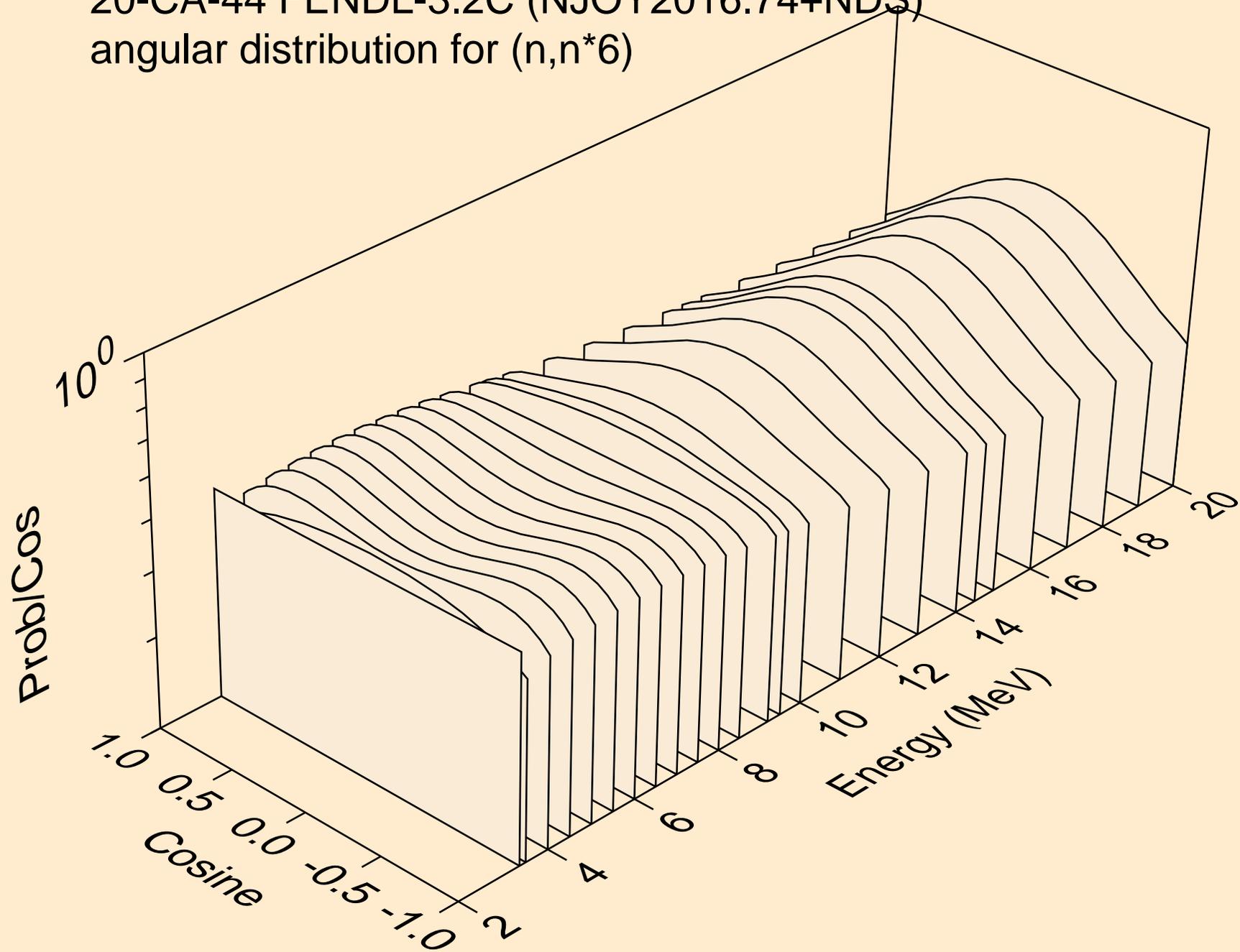
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angular distribution for (n,n\*4)



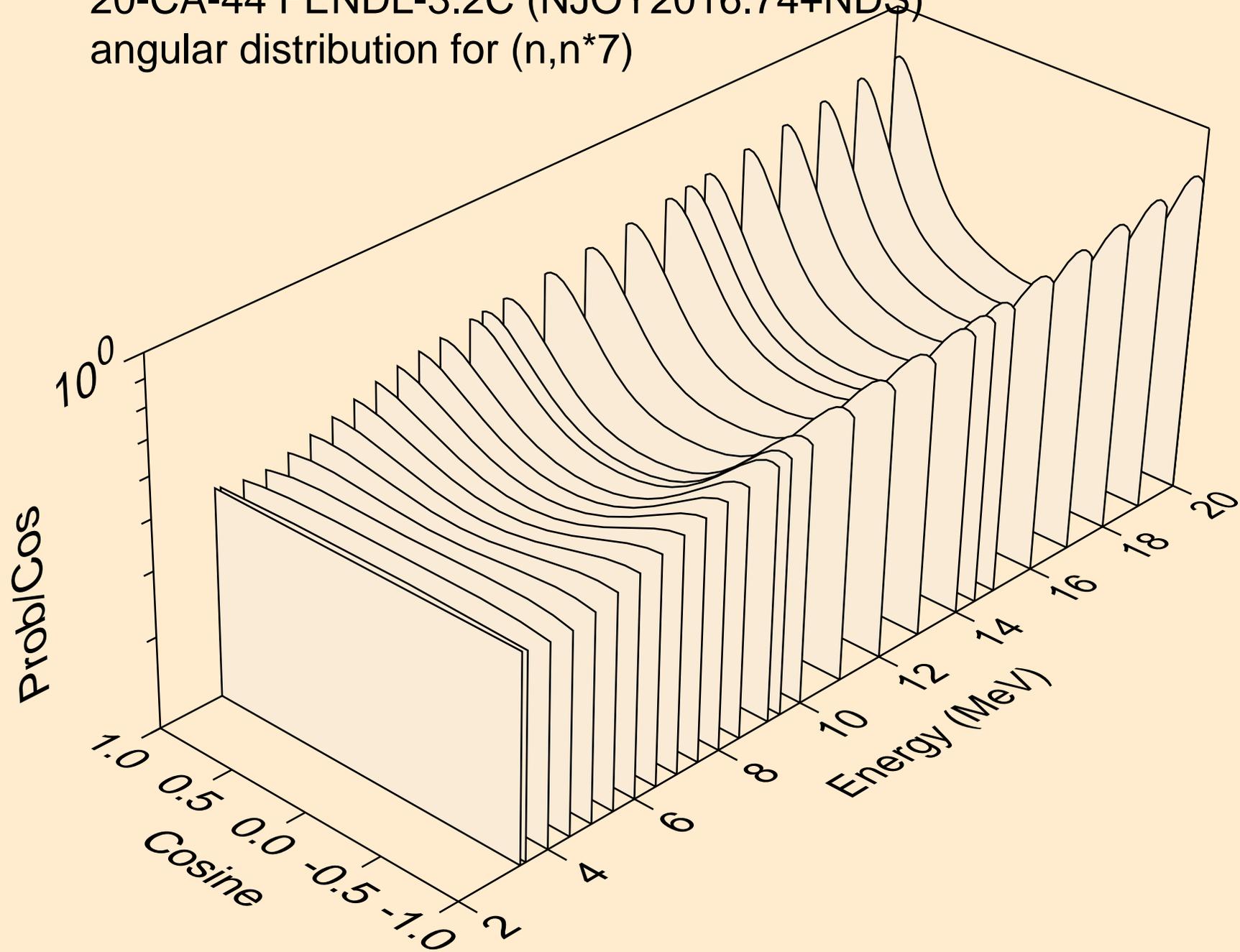
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angular distribution for (n,n\*5)



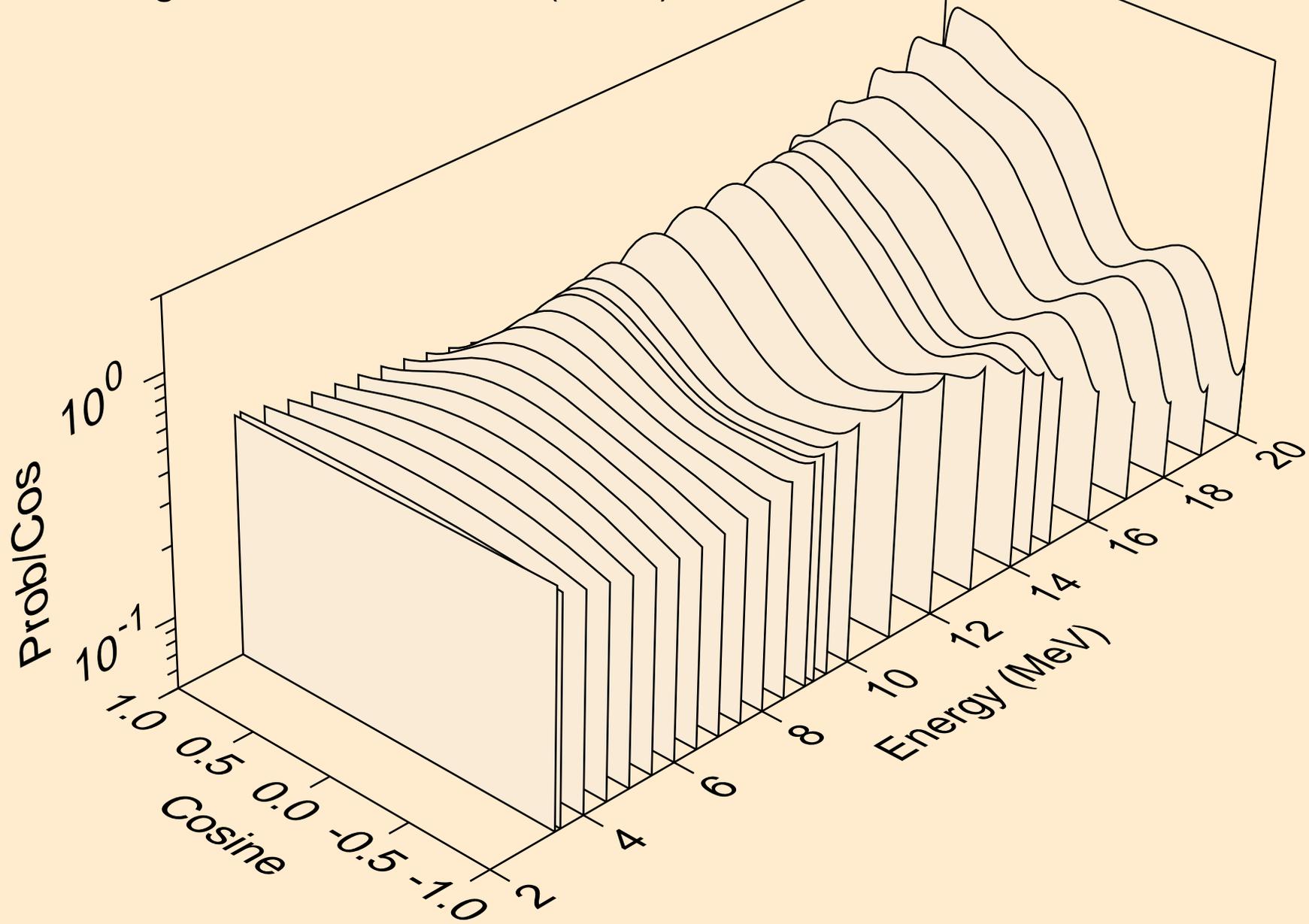
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*6)



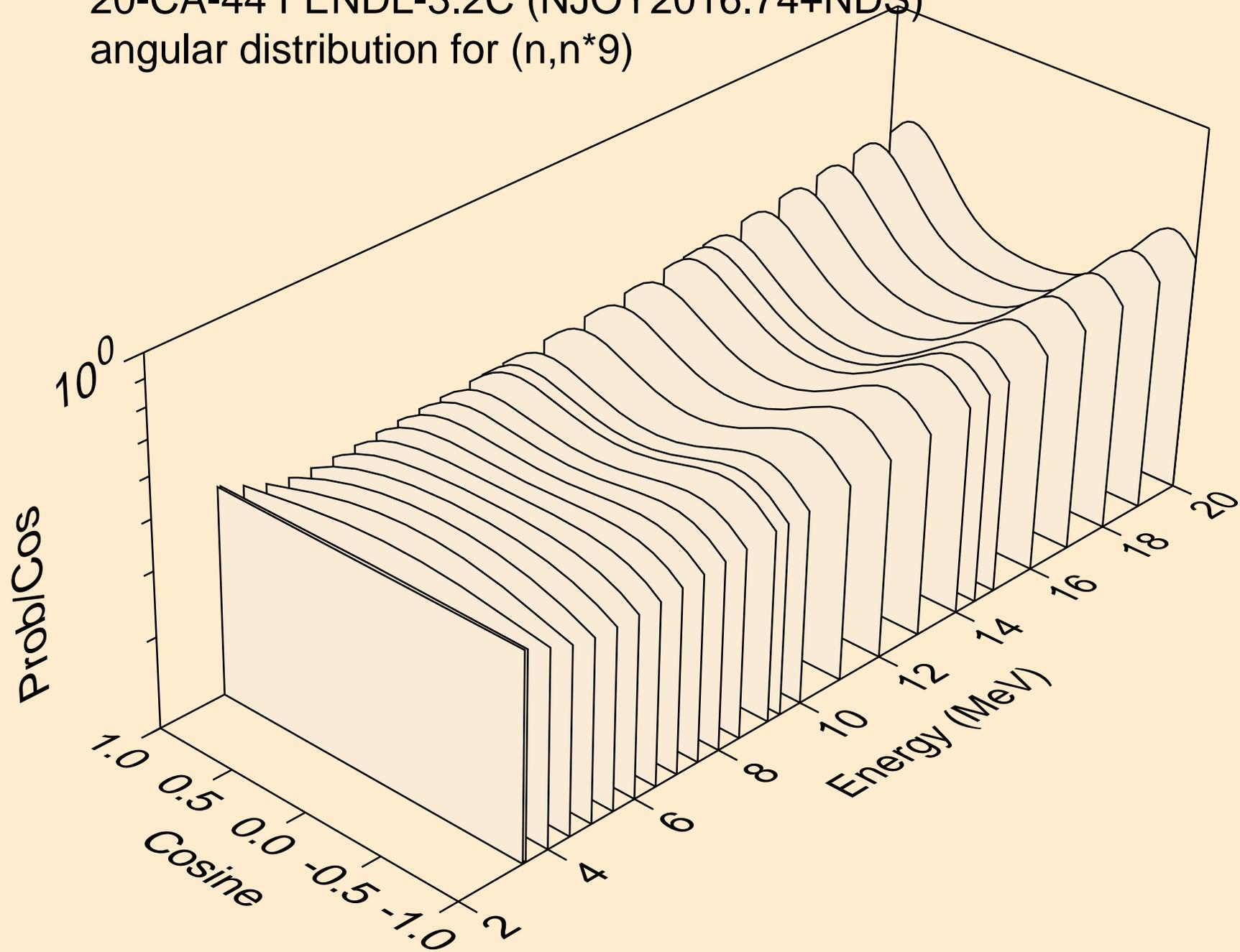
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*7)



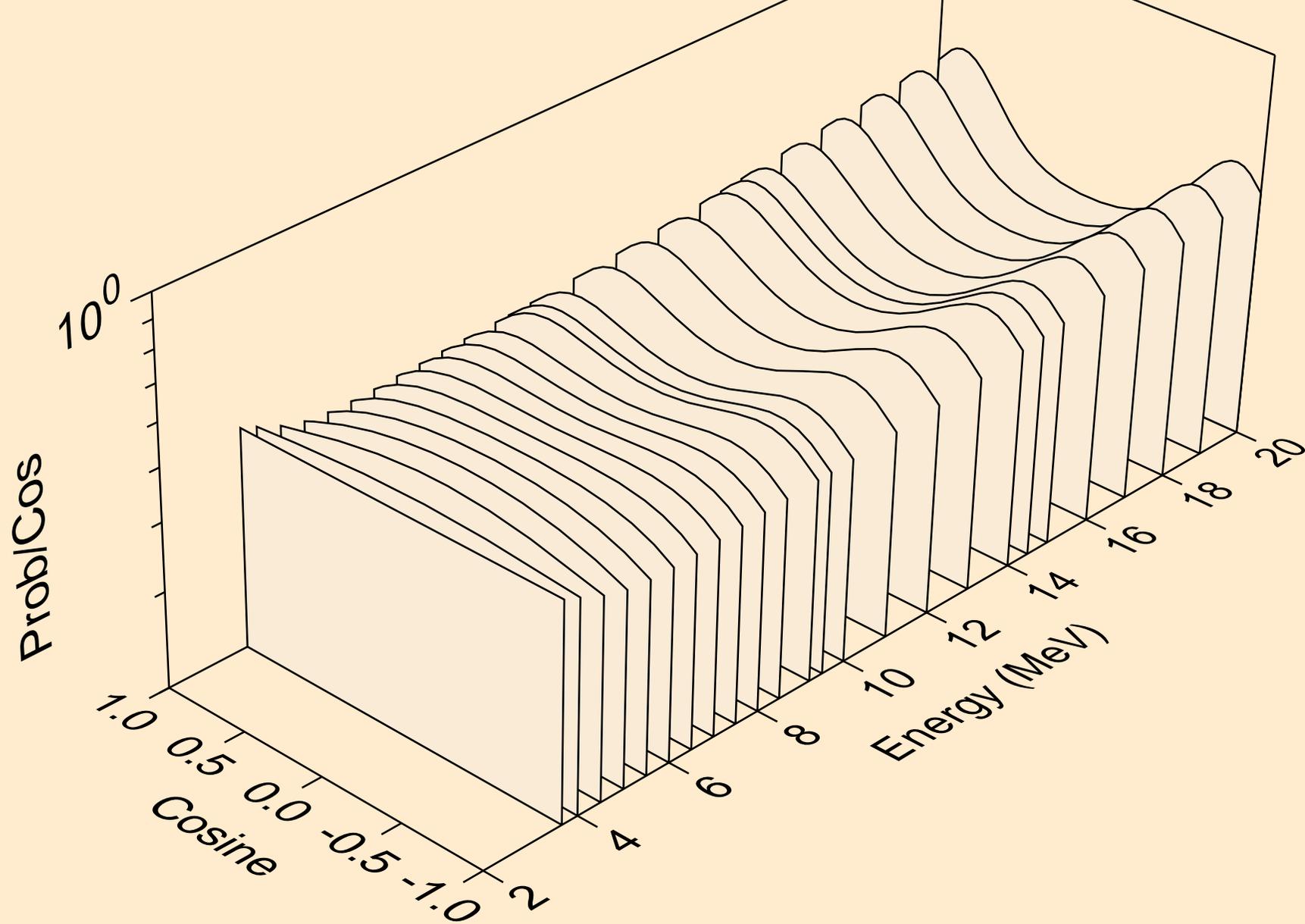
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*8)



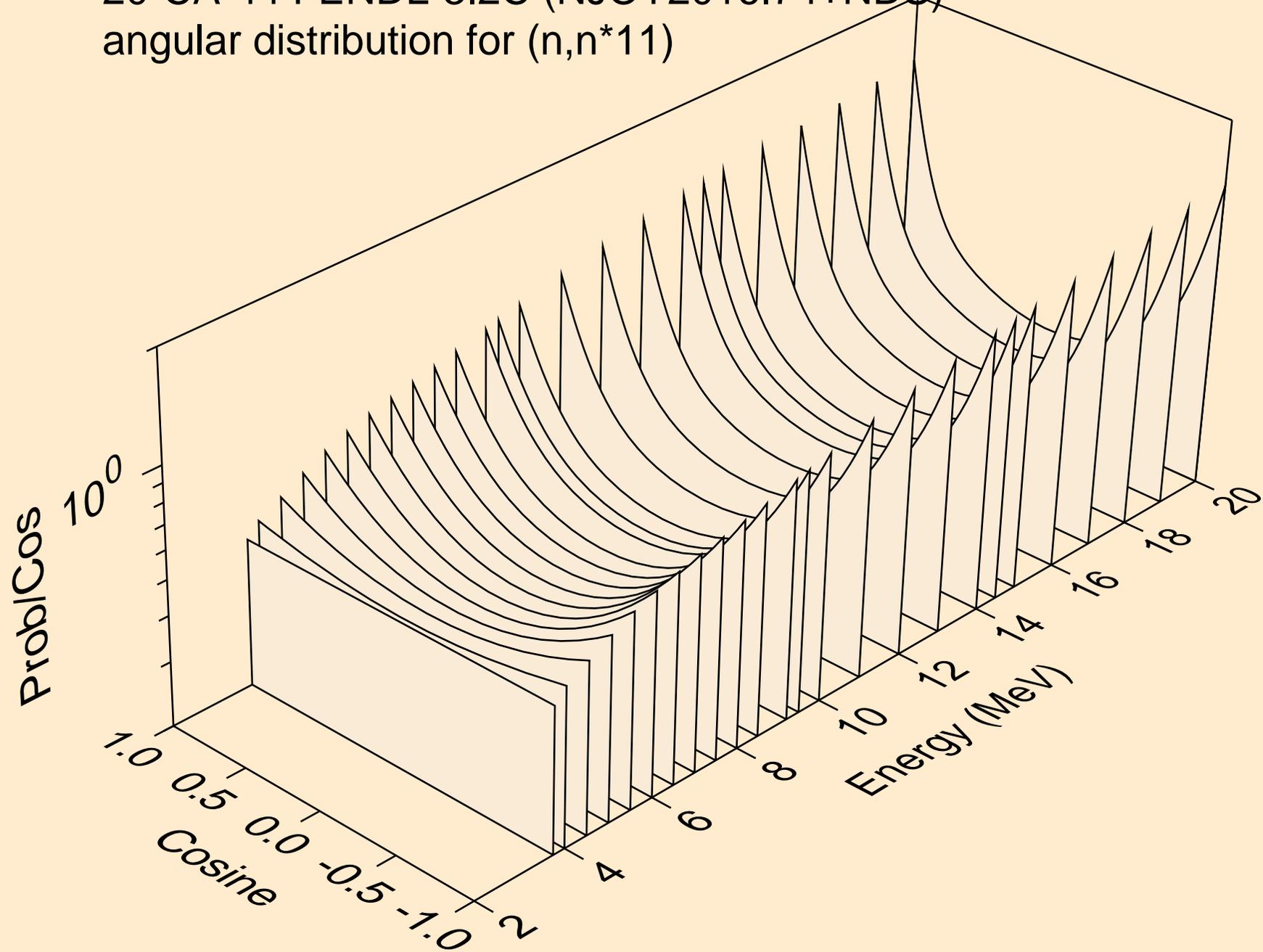
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*9)



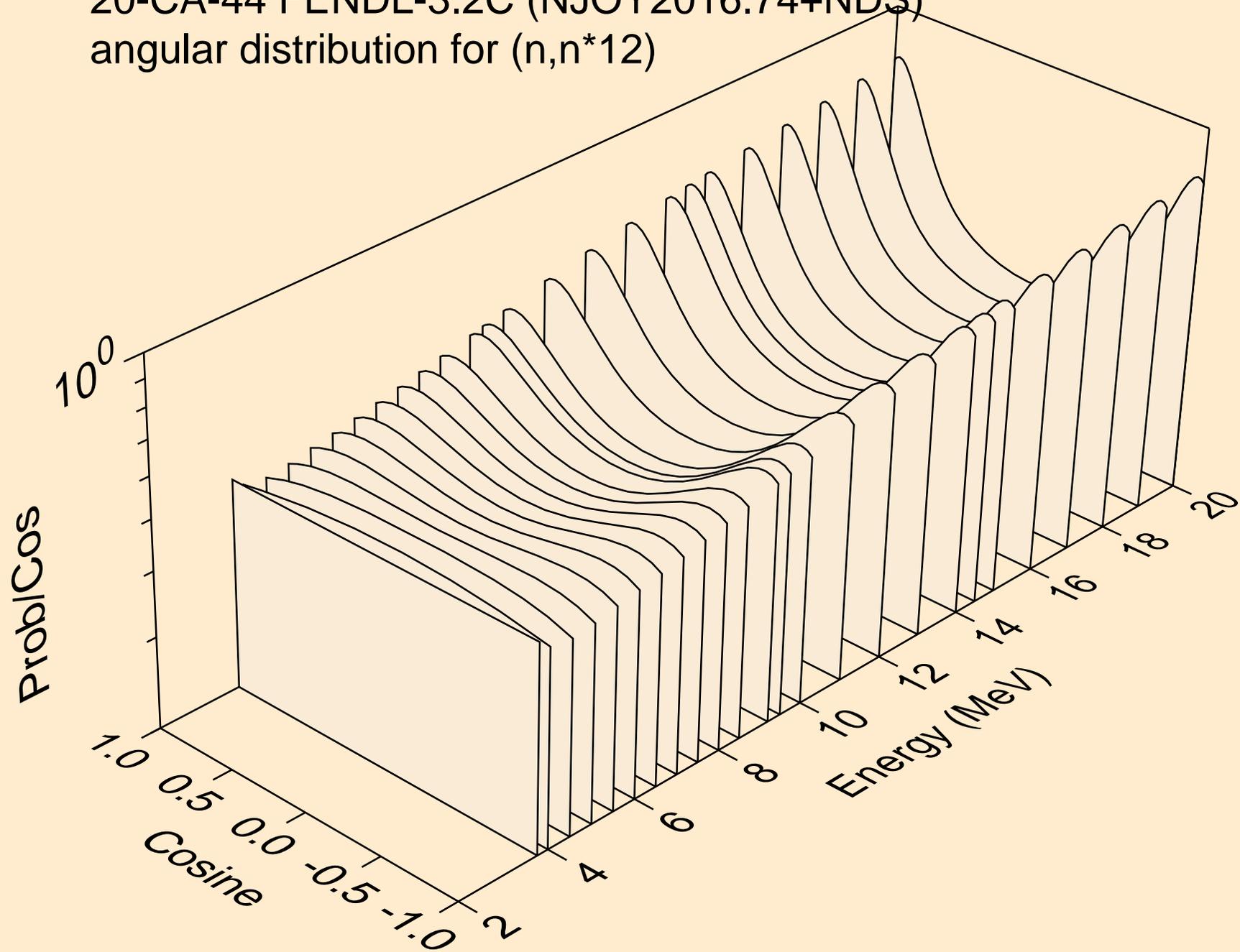
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*10)



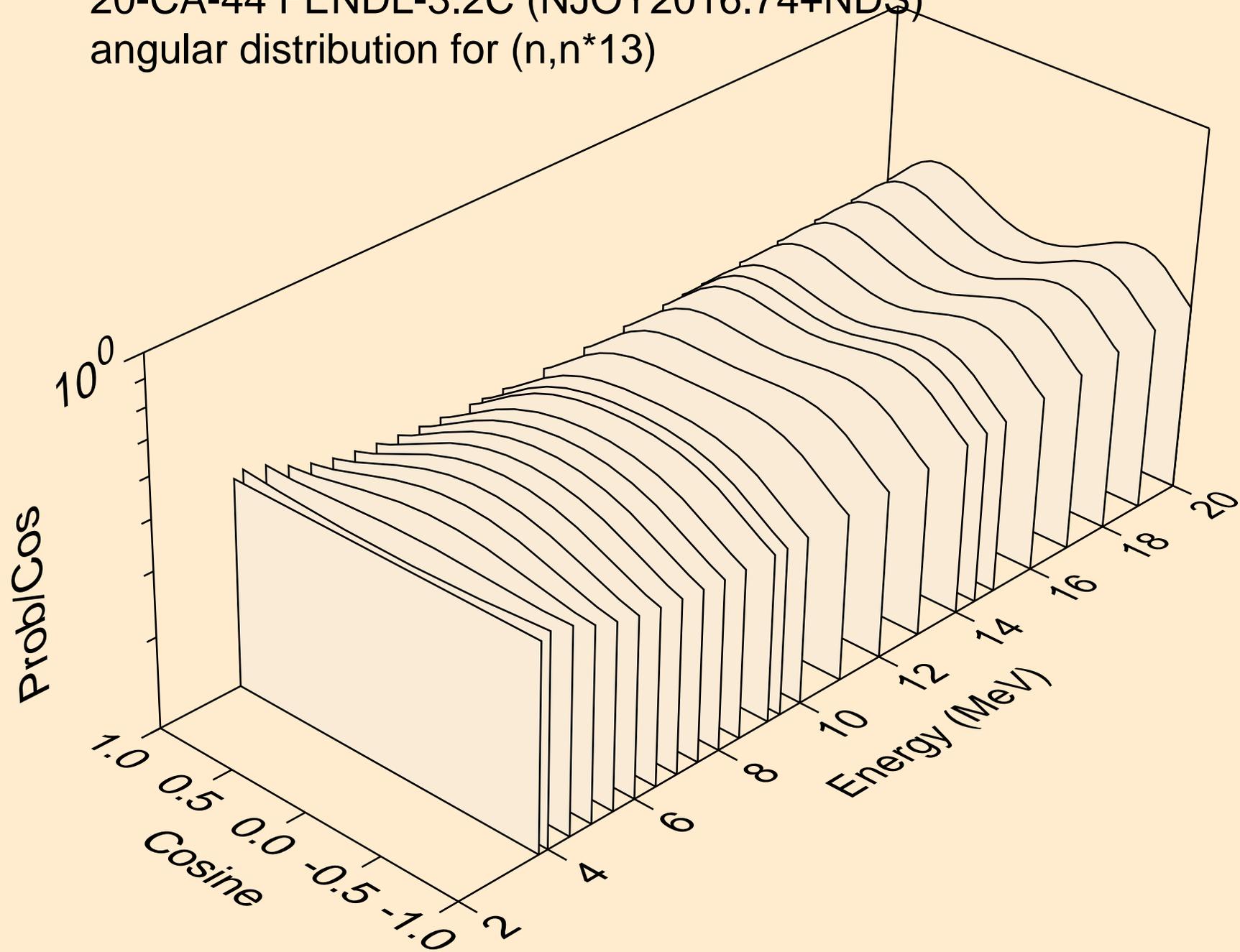
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angular distribution for (n,n\*11)



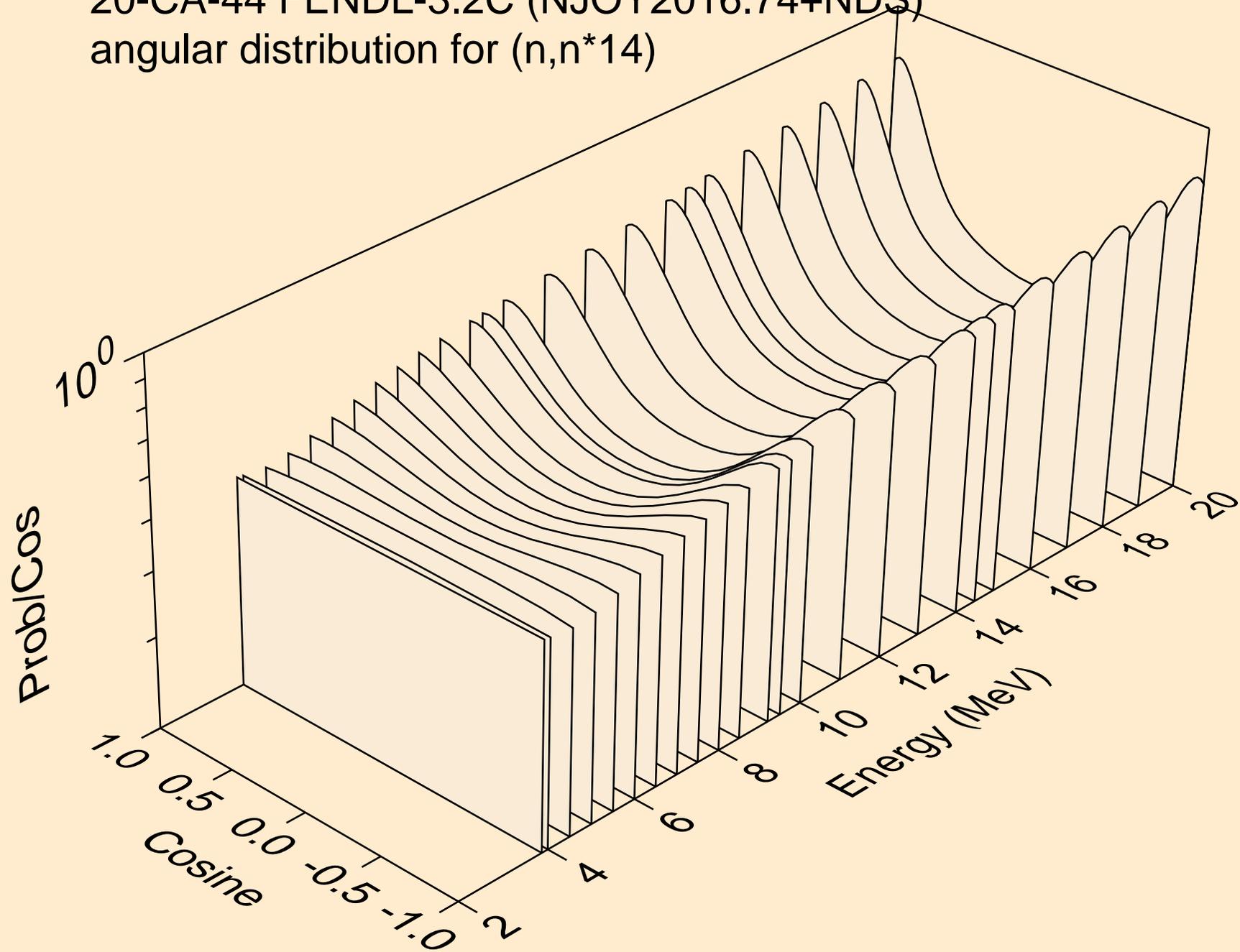
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angular distribution for (n,n\*12)



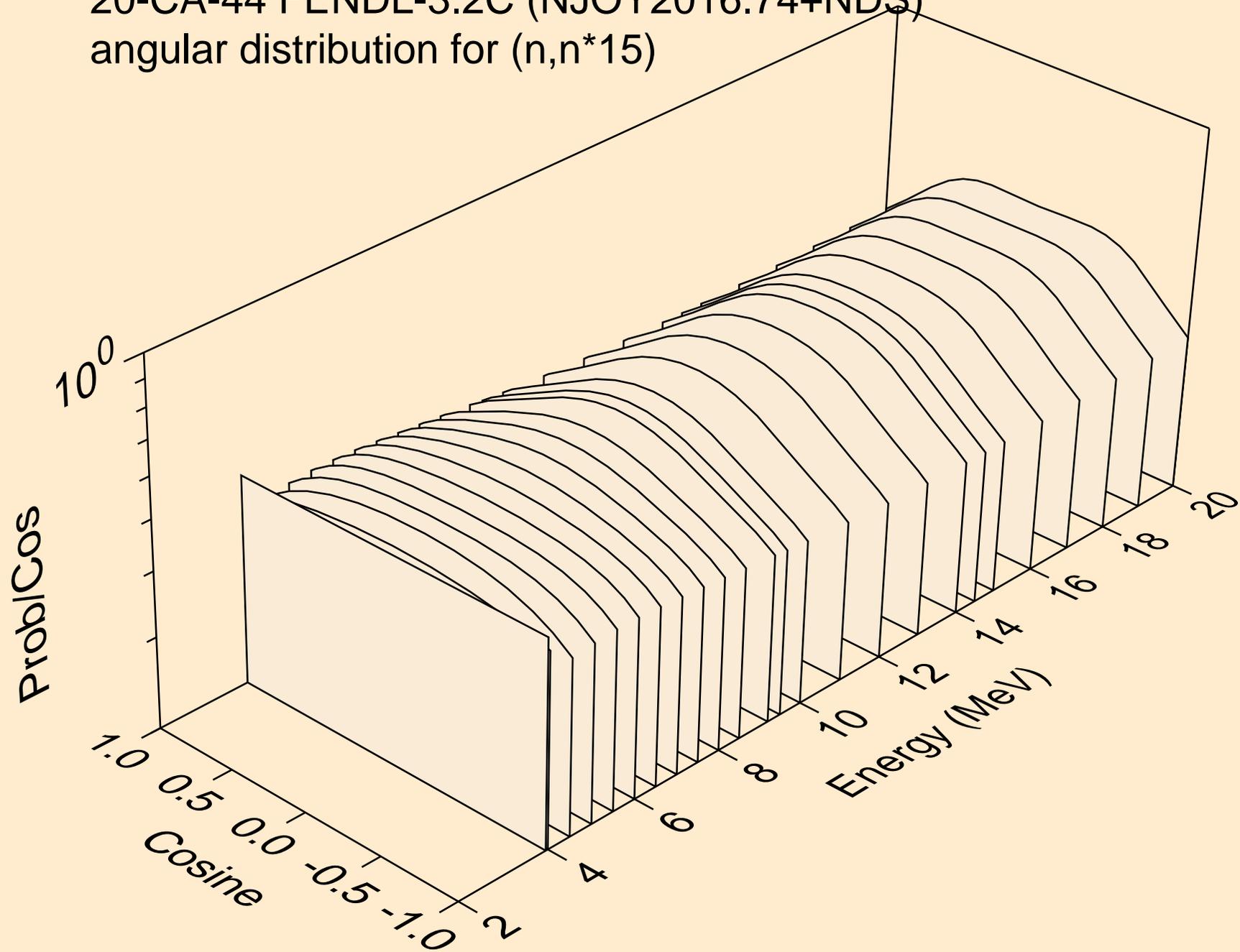
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*13)



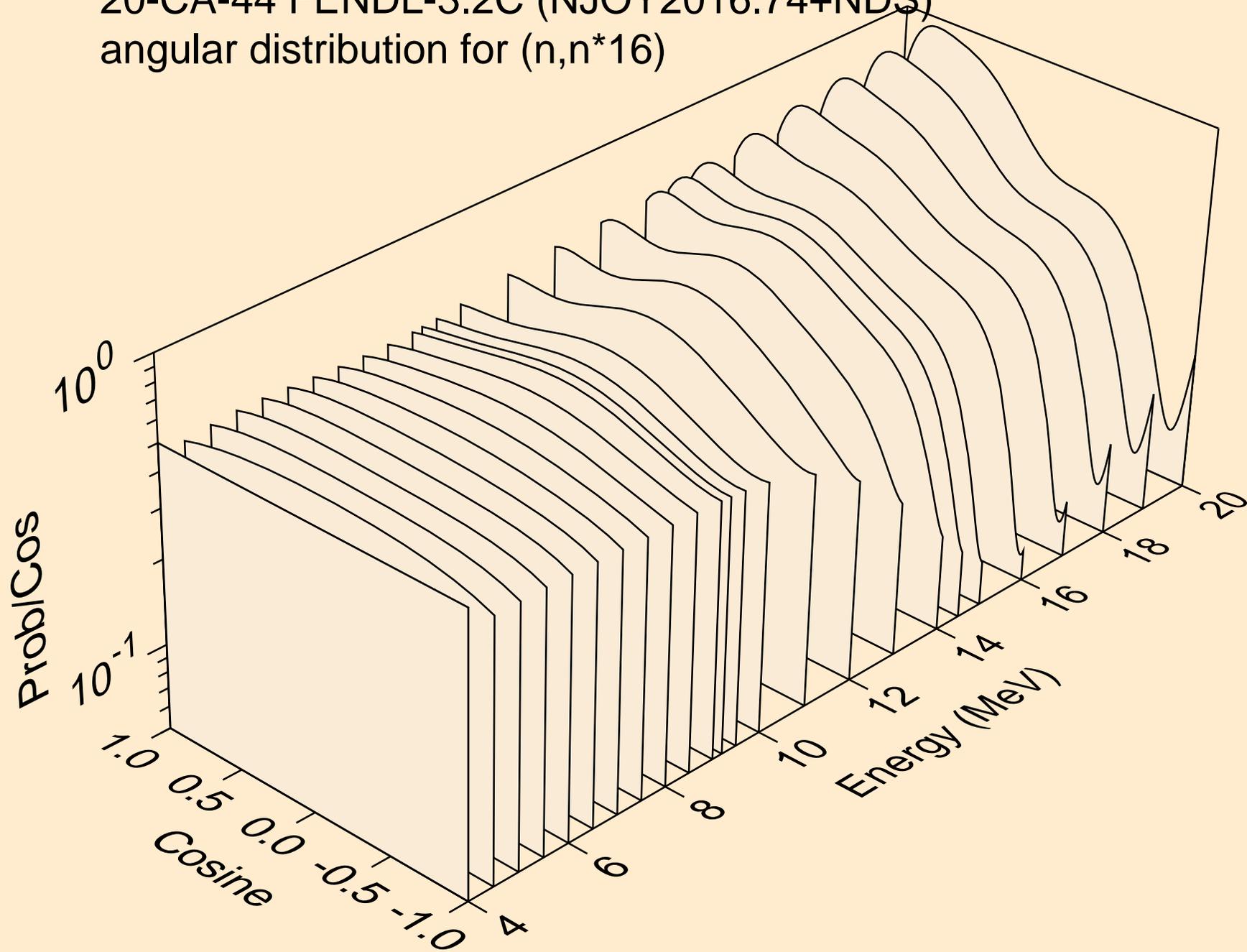
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angular distribution for (n,n\*14)



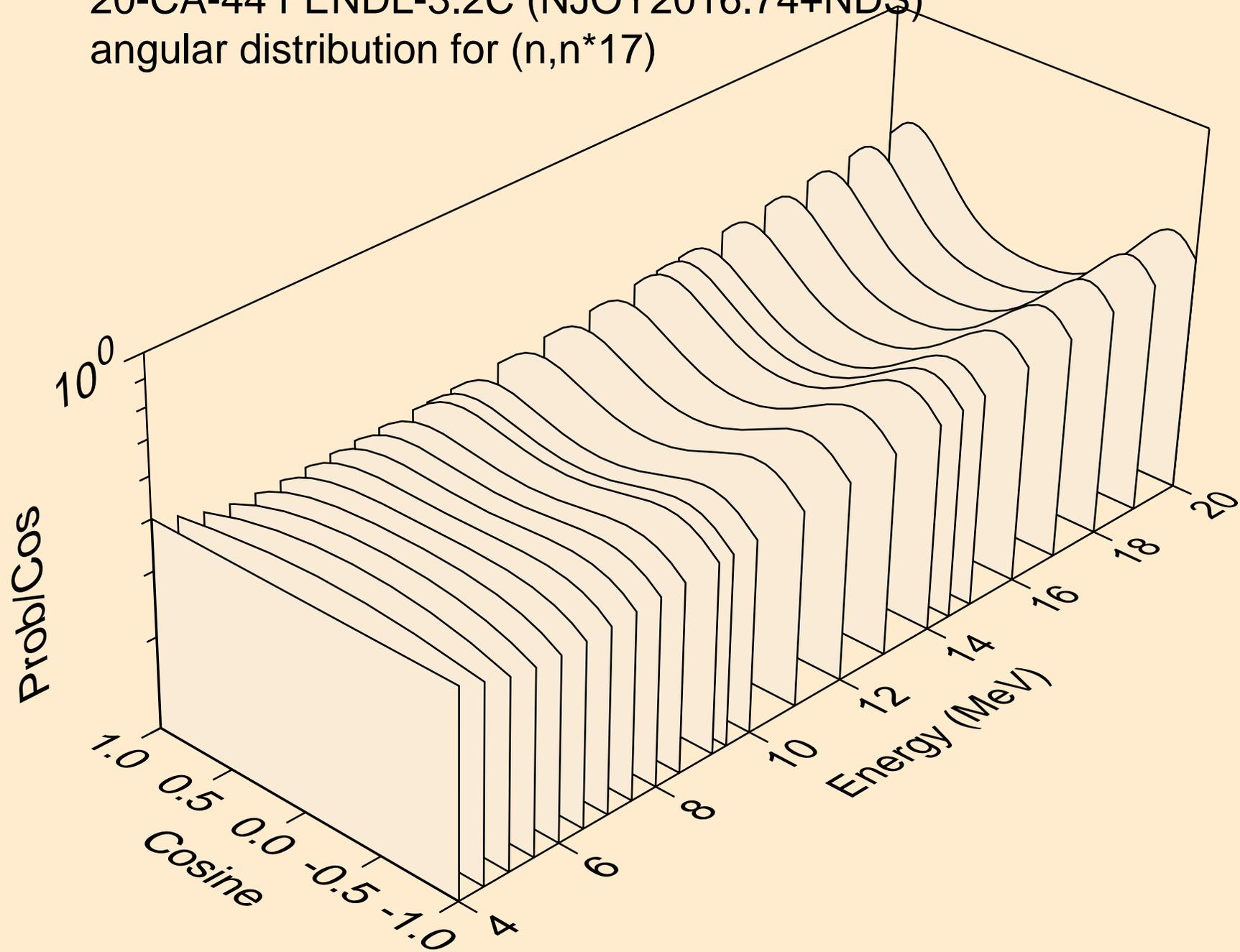
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*15)



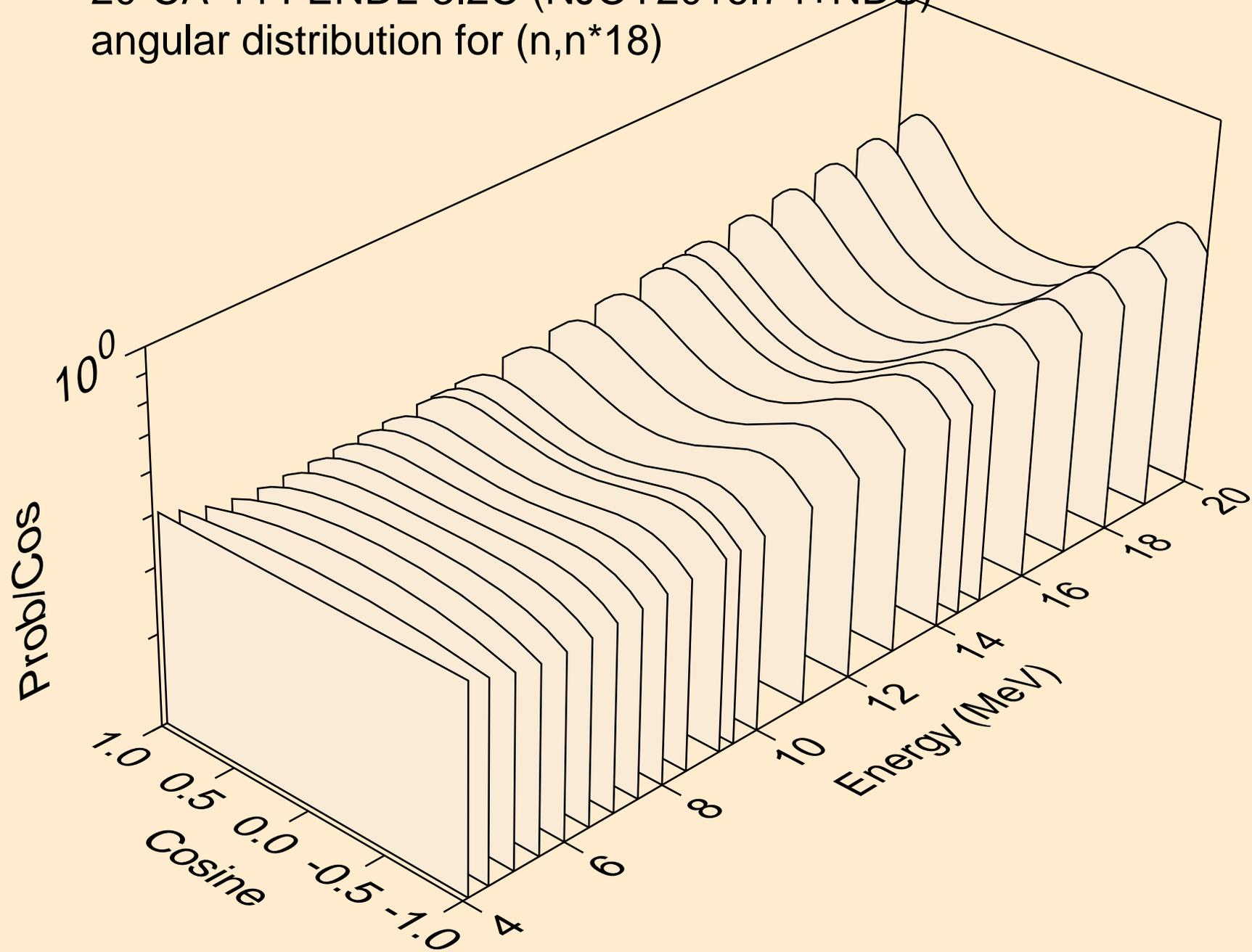
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*16)



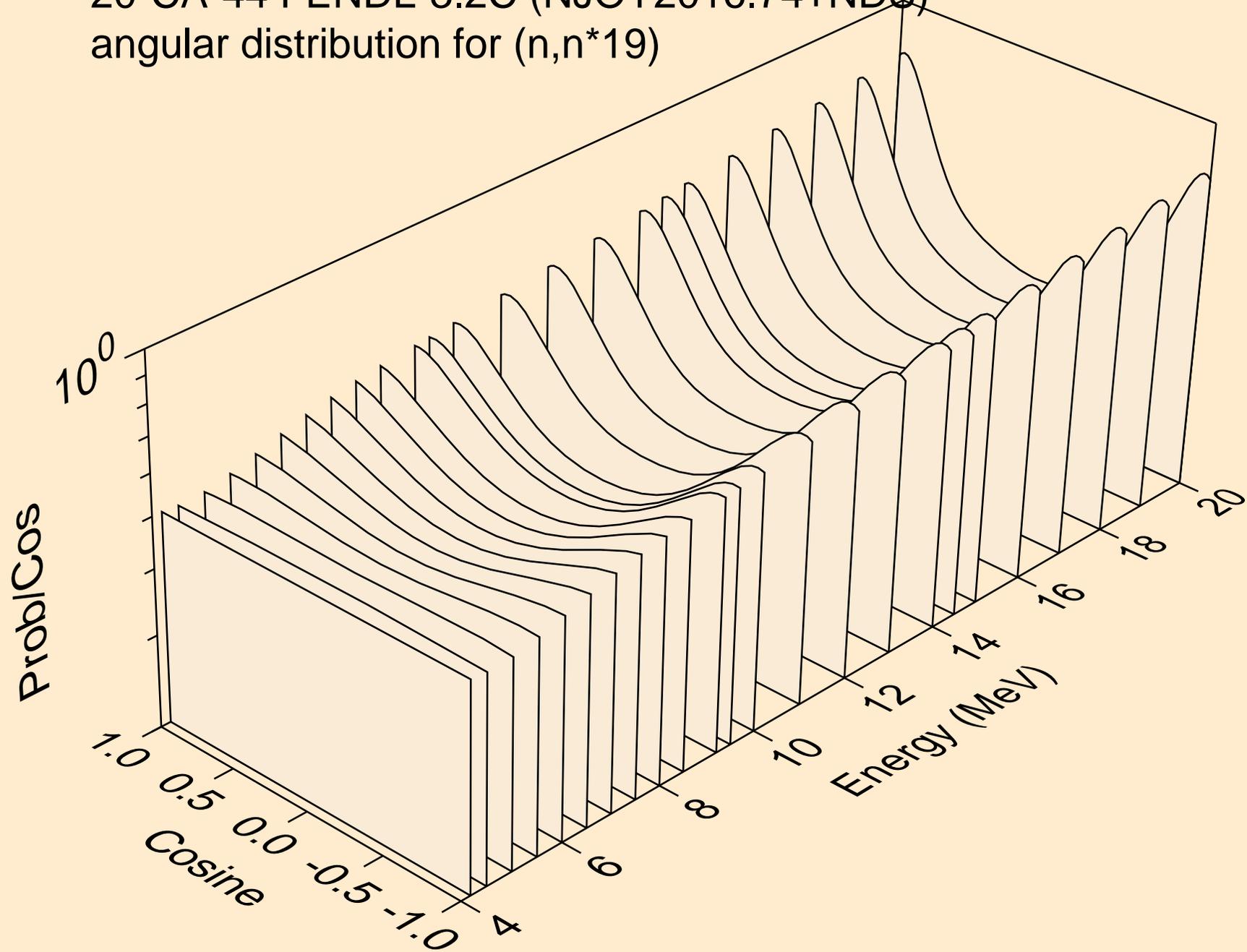
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*17)



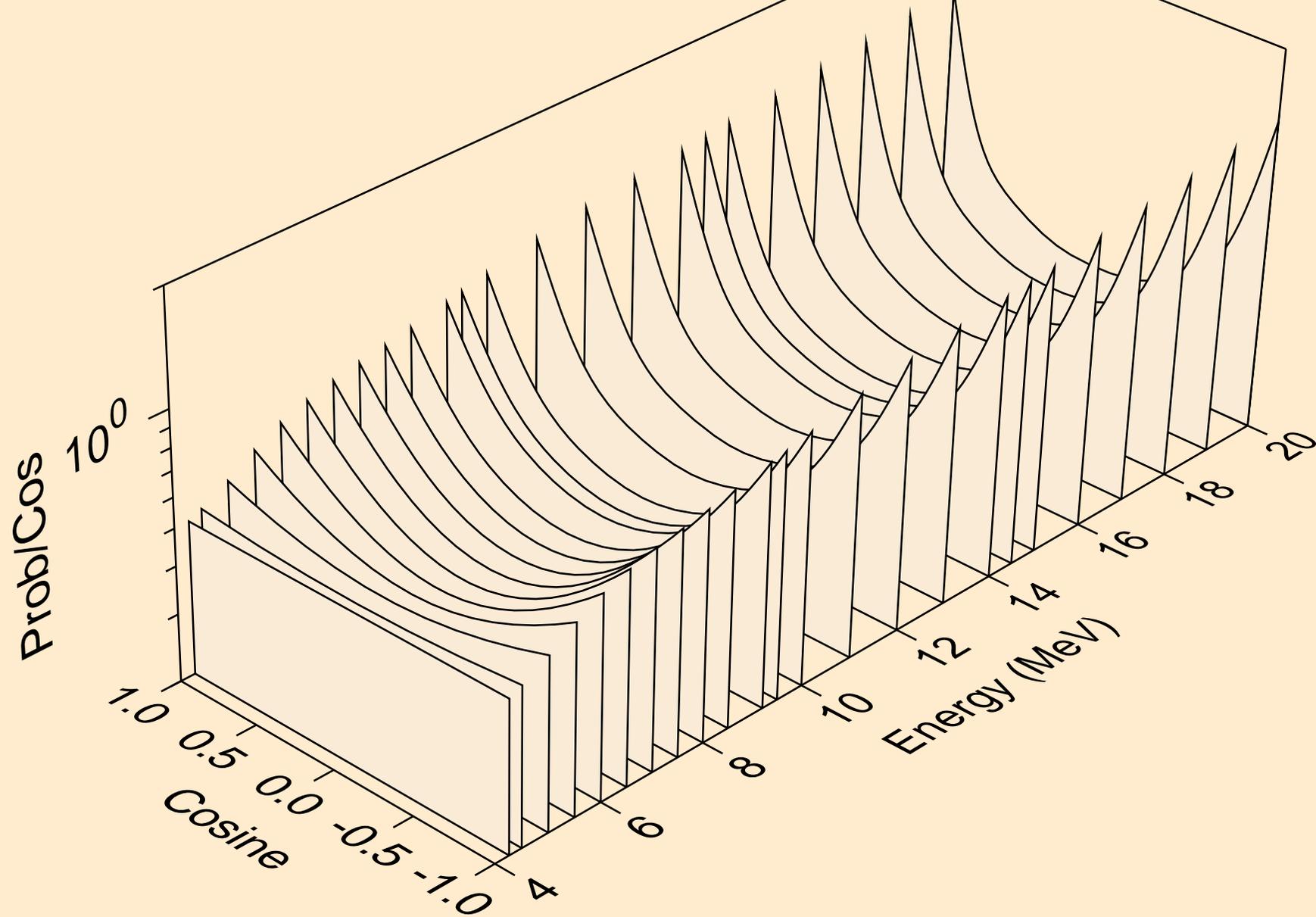
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angular distribution for (n,n\*18)



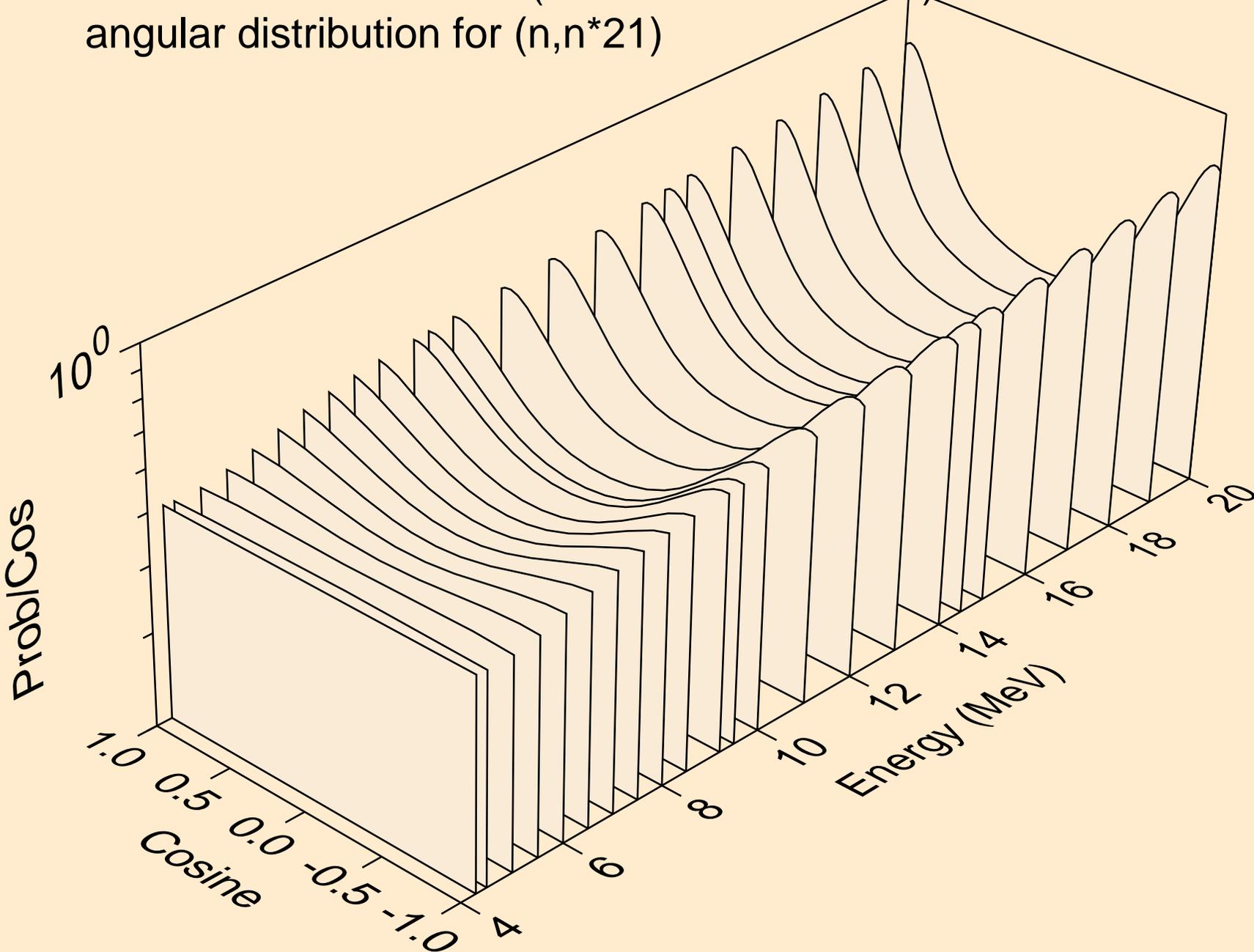
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*19)



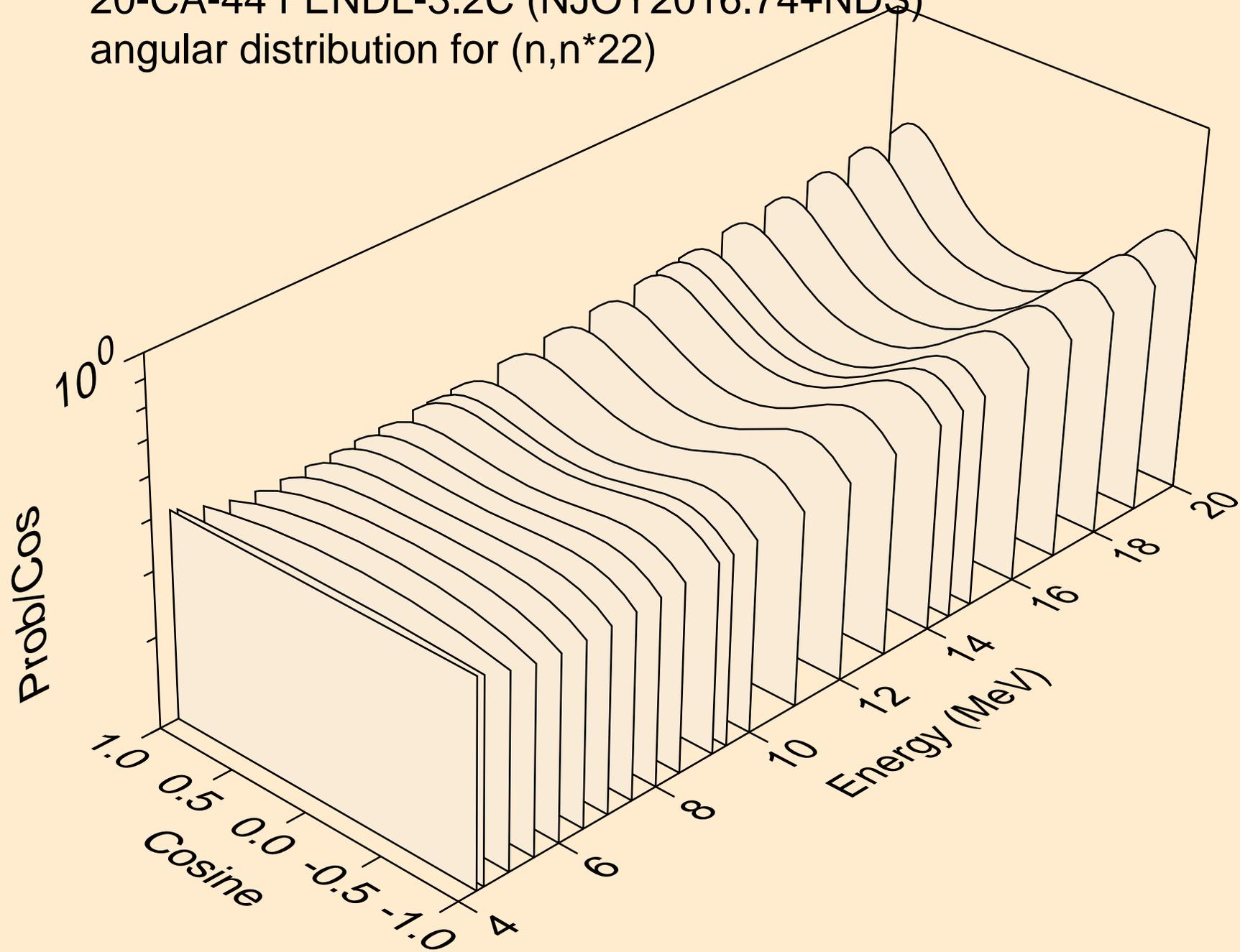
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*20)



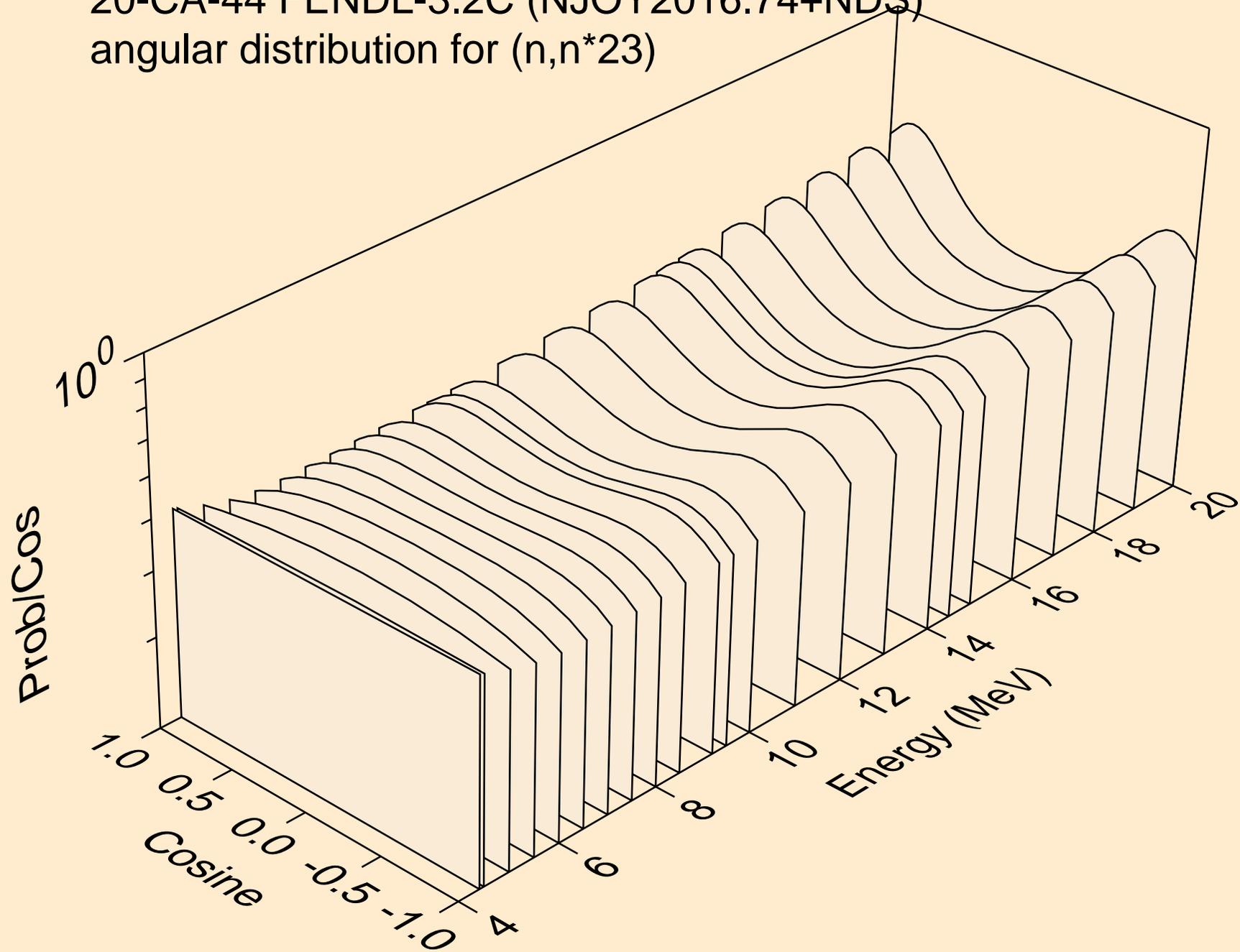
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*21)



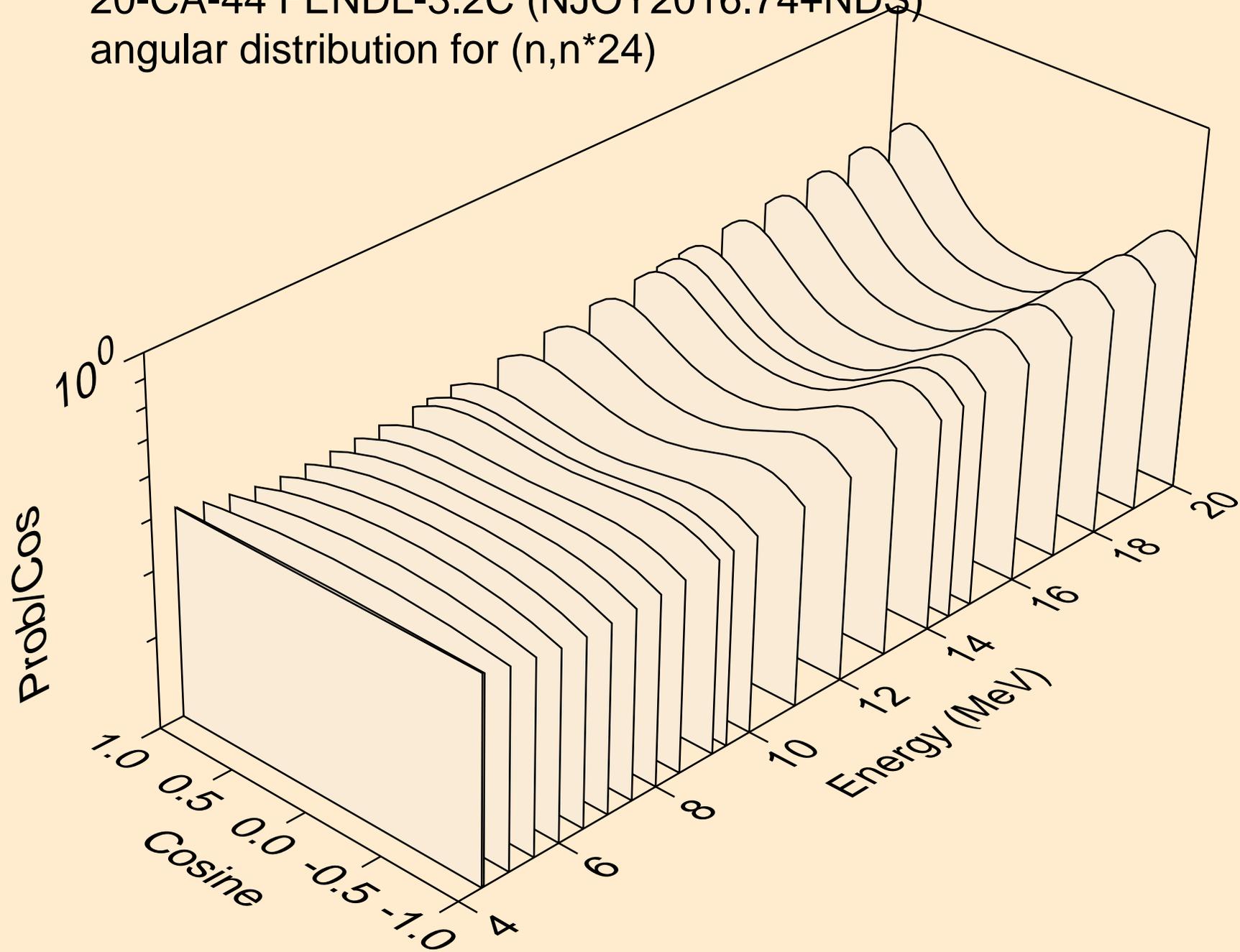
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*22)



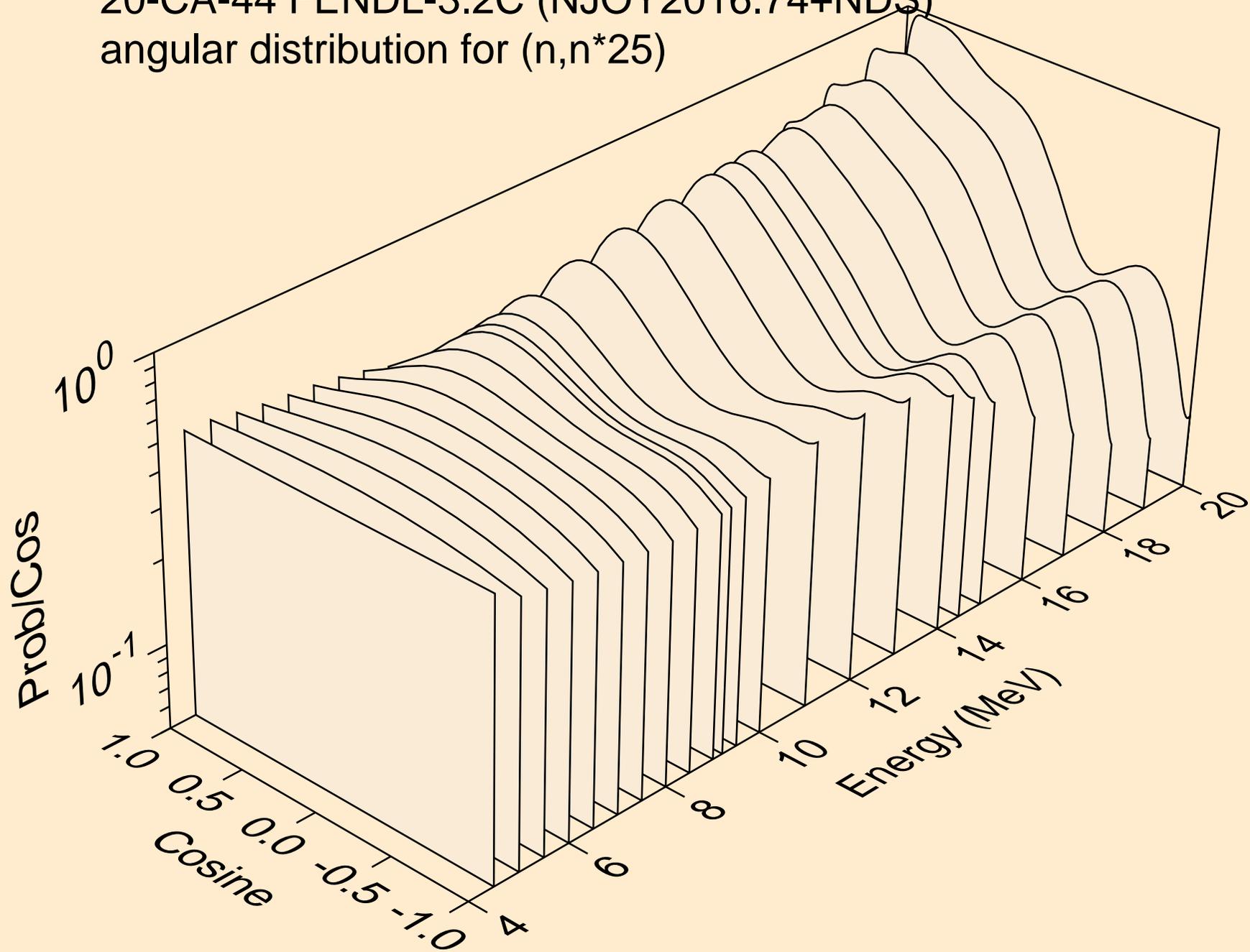
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*23)



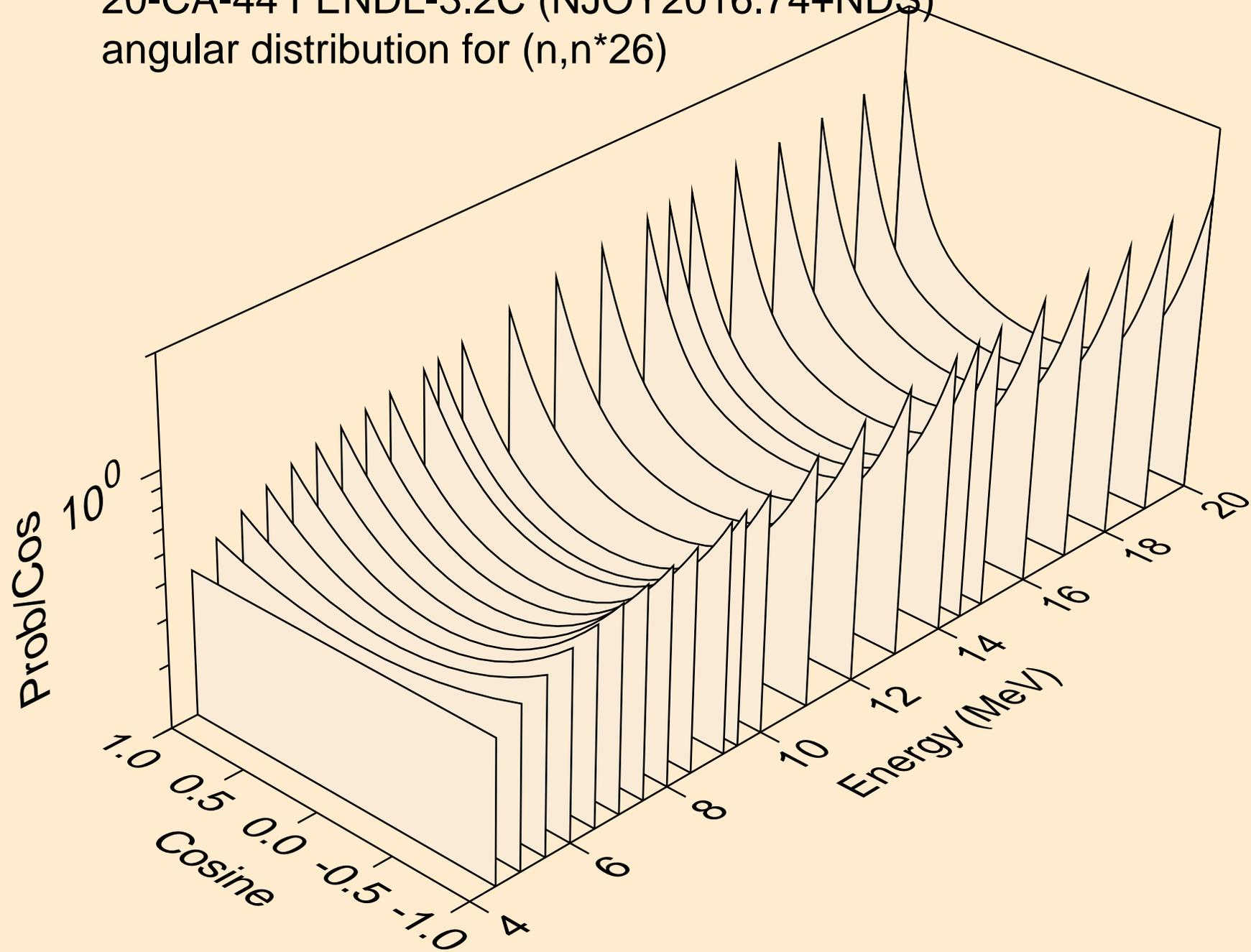
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*24)



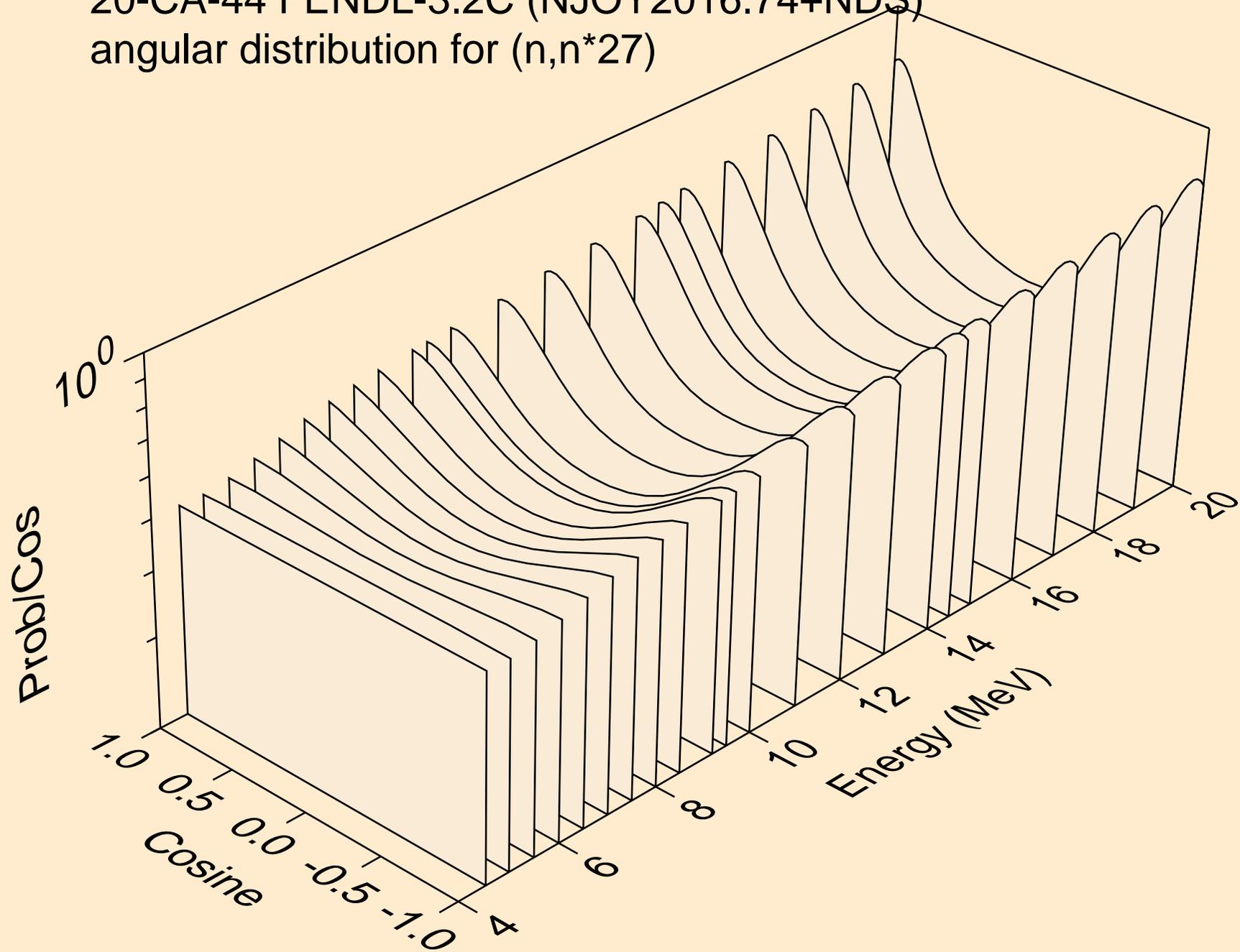
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*25)



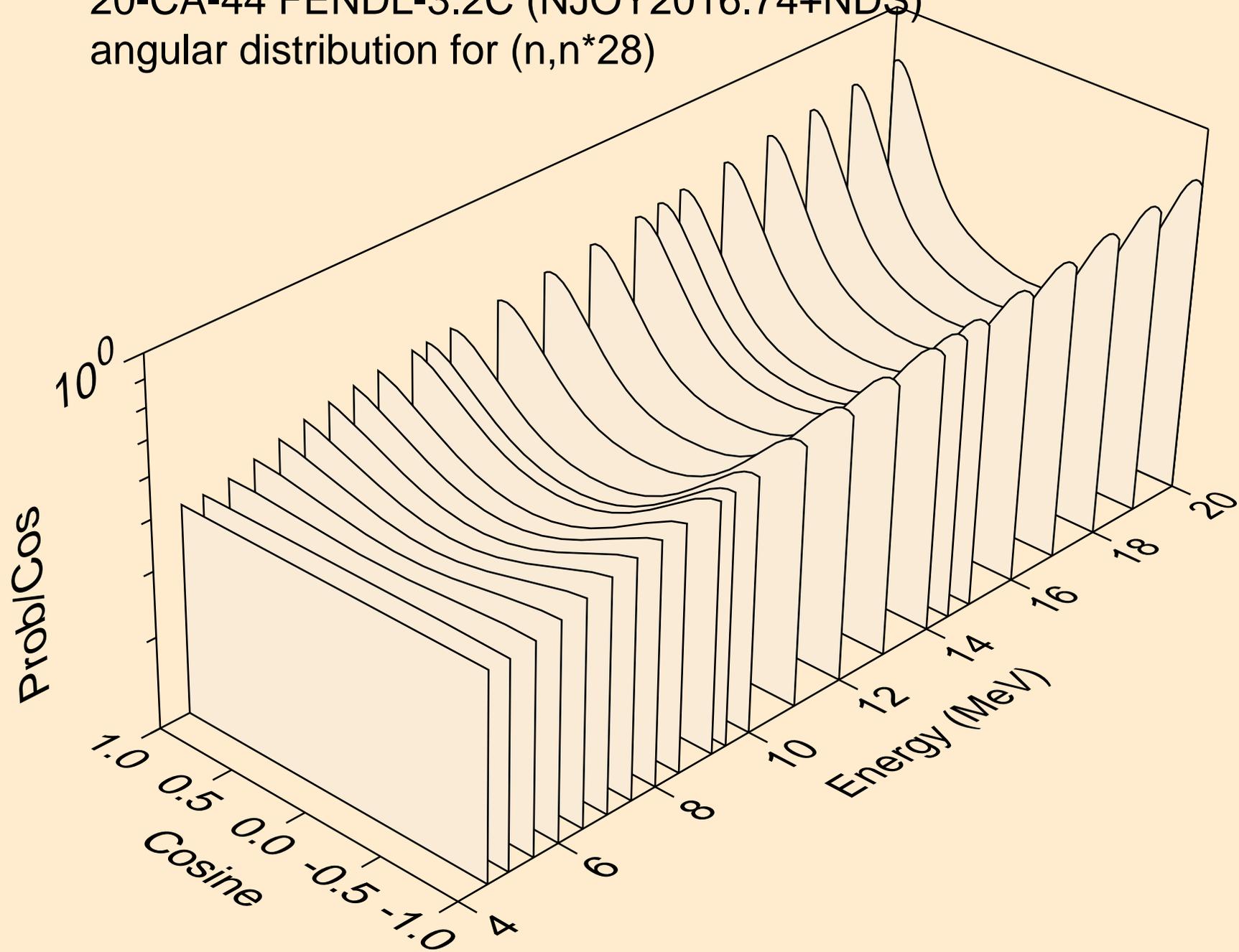
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*26)



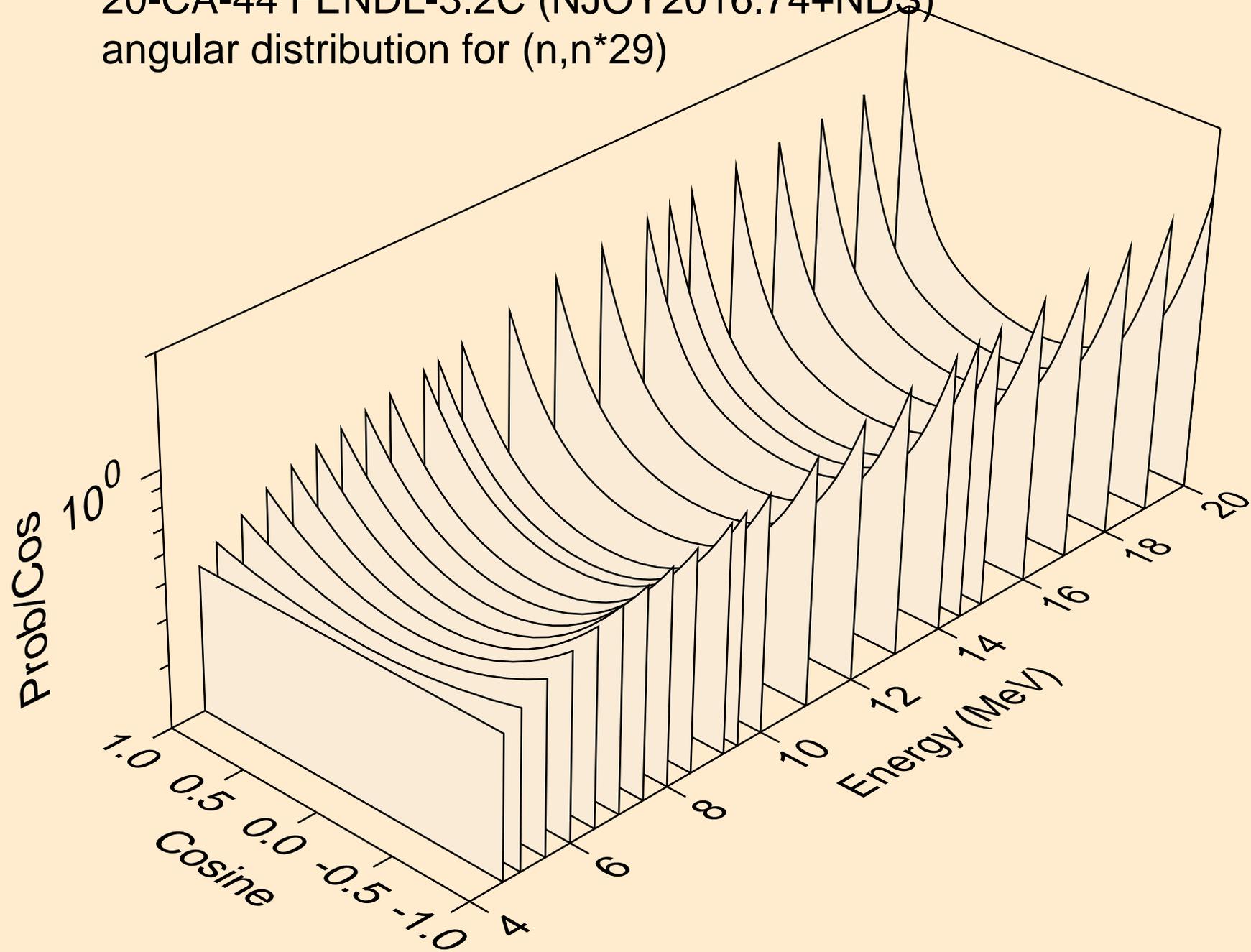
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*27)



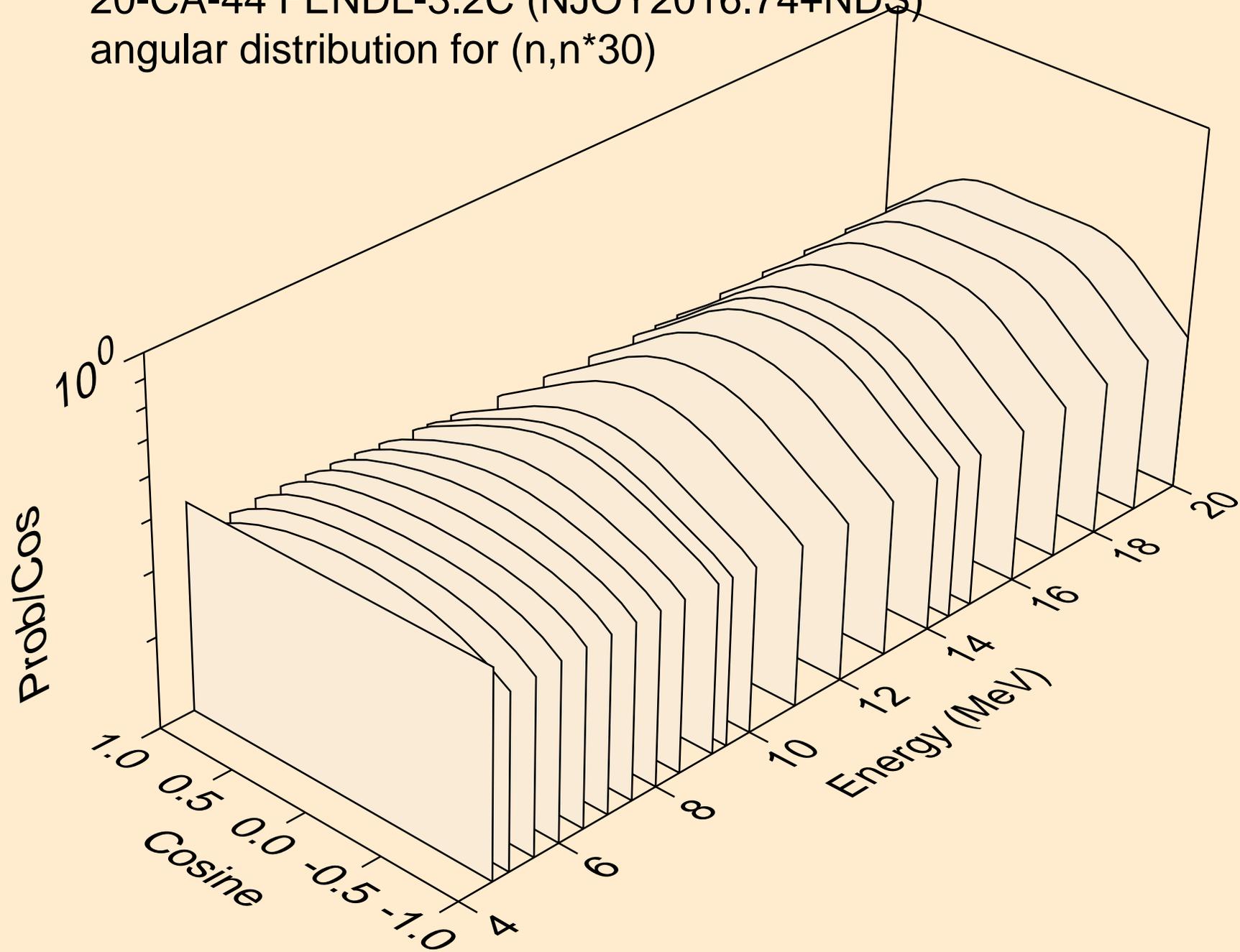
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*28)



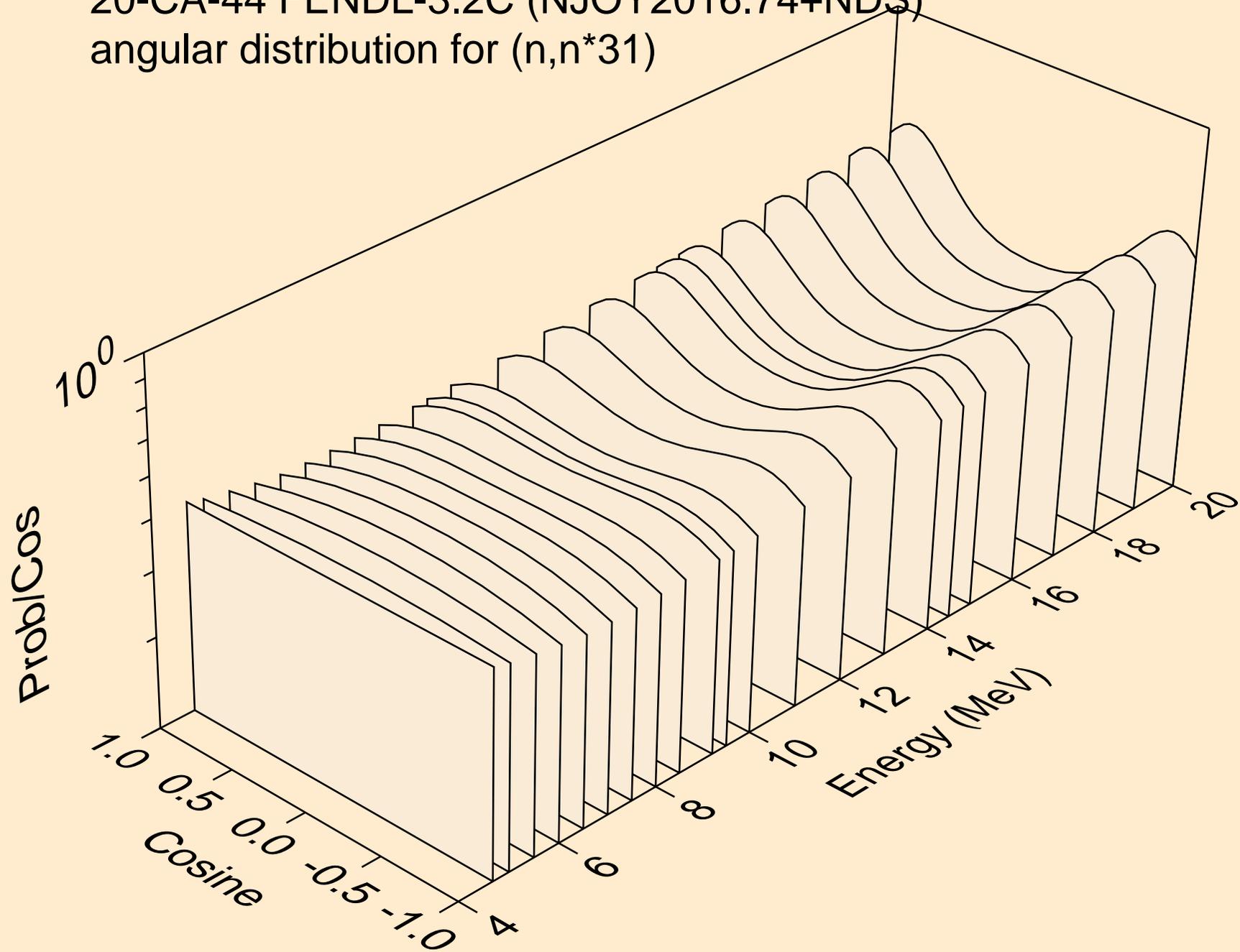
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*29)



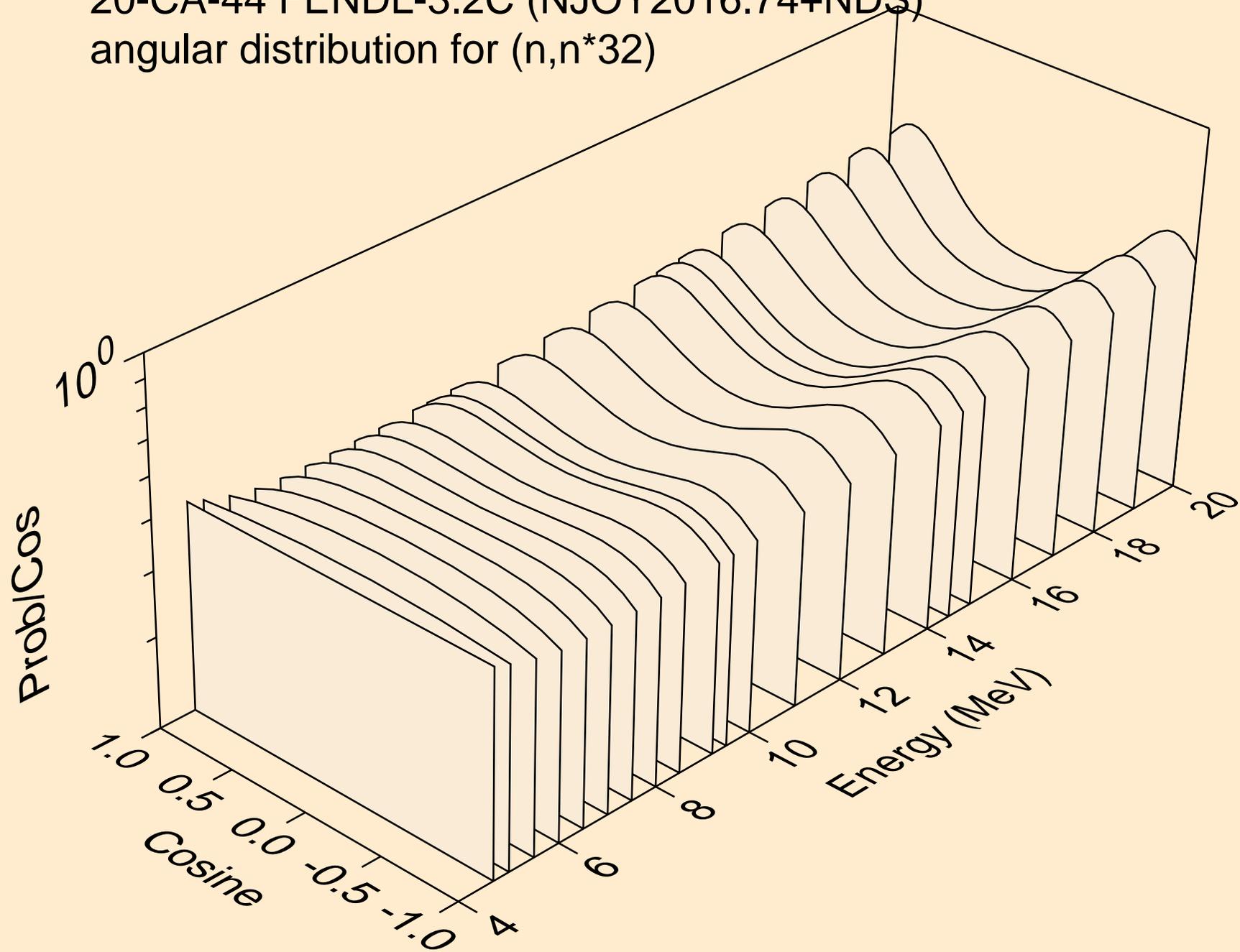
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*30)



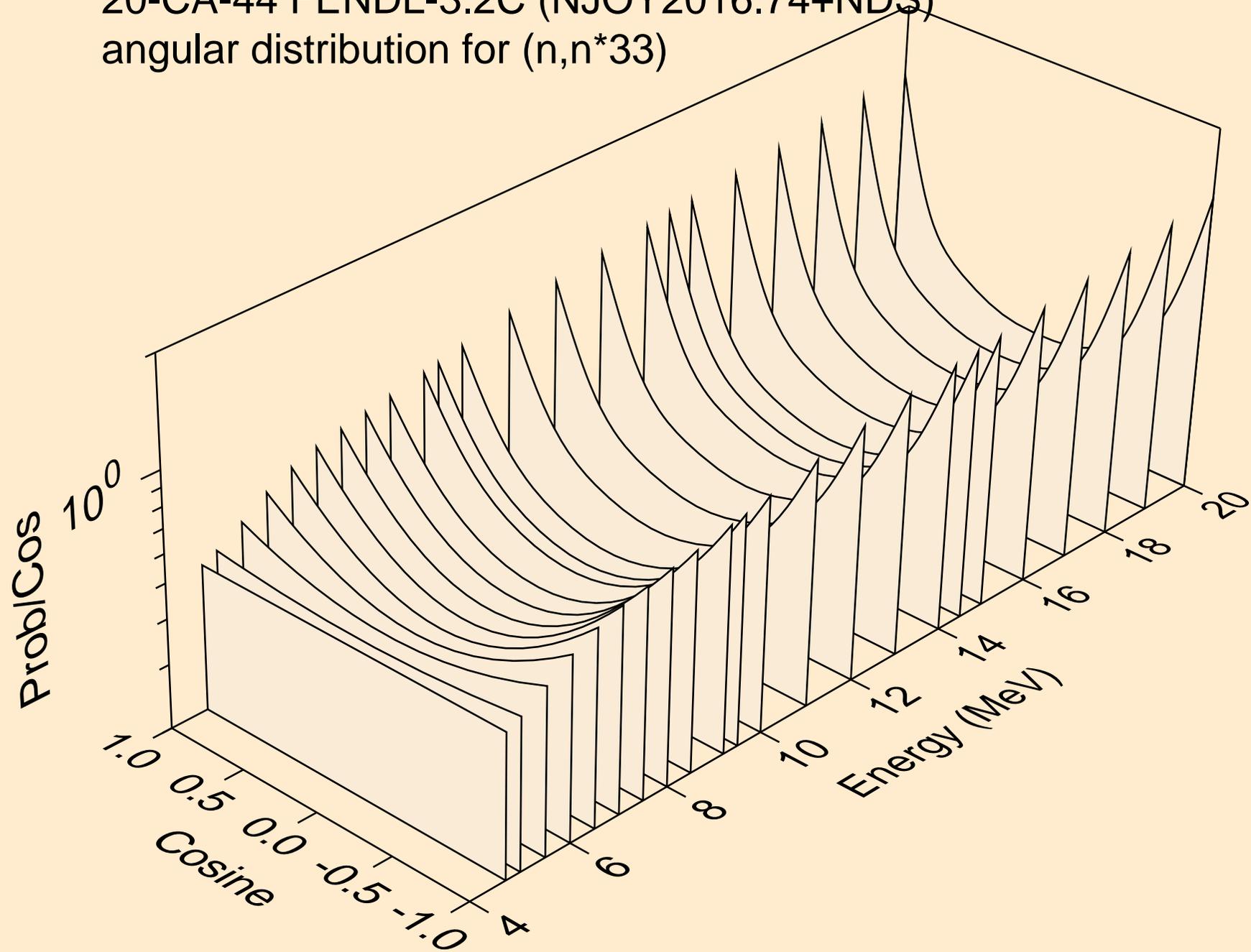
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*31)



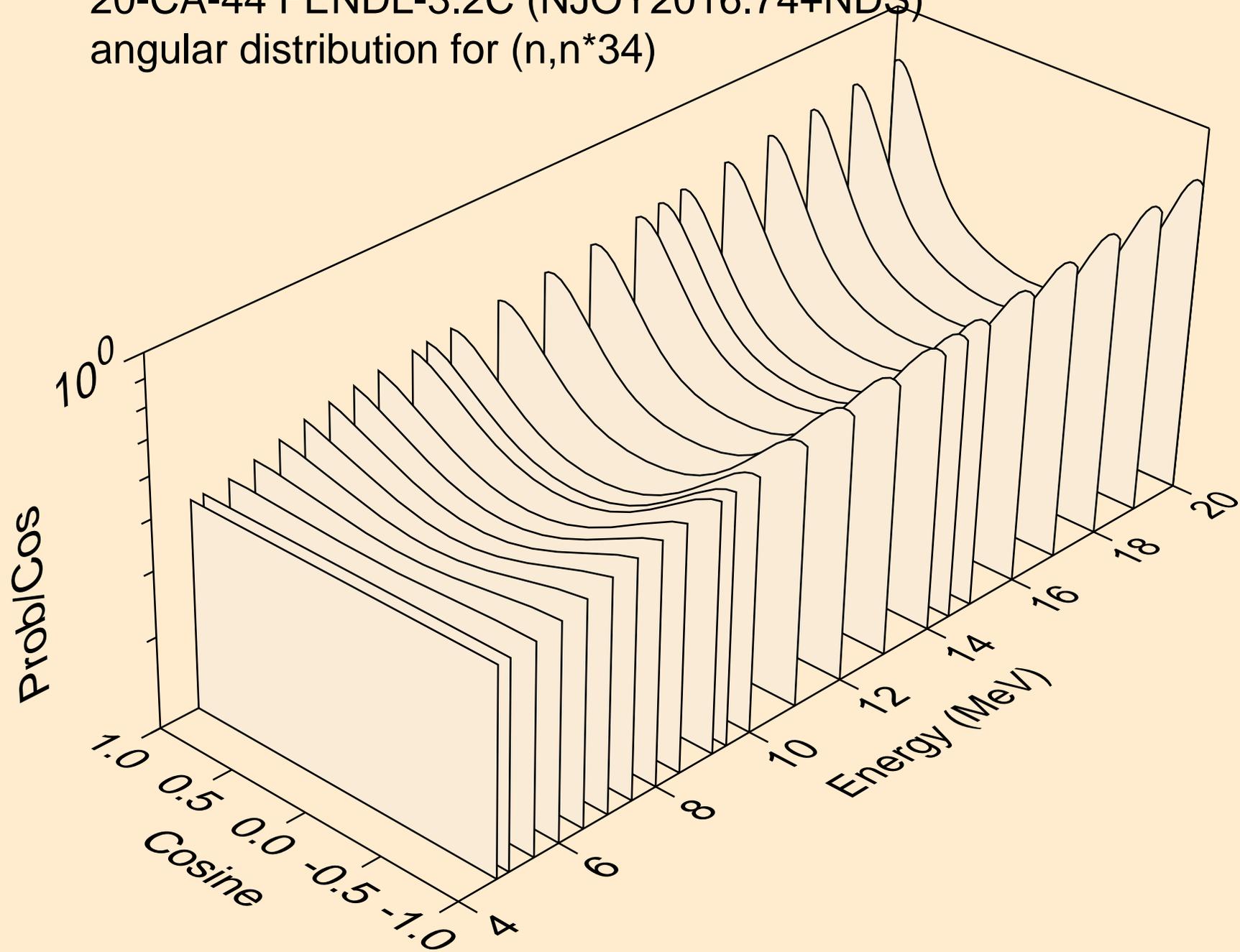
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*32)



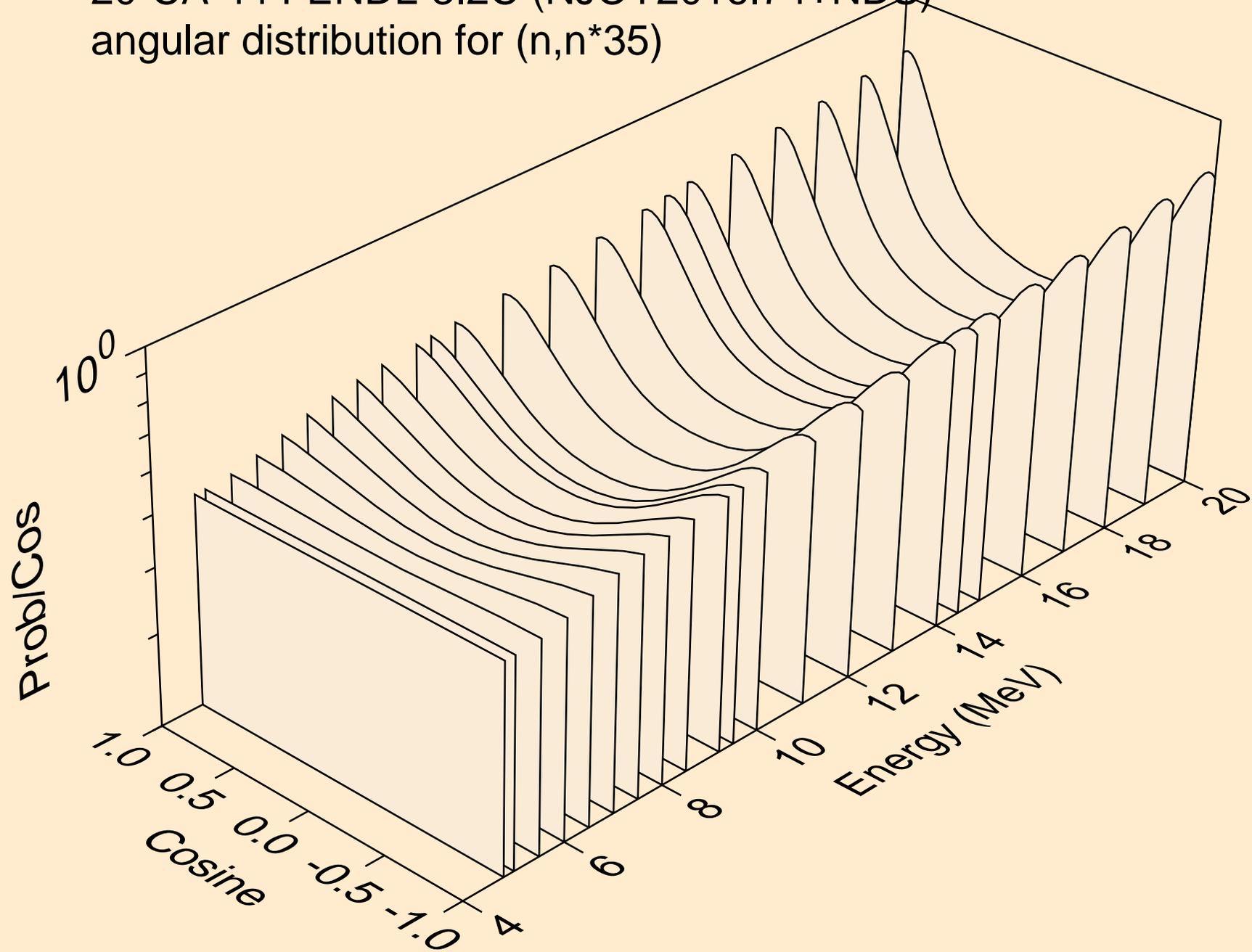
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*33)



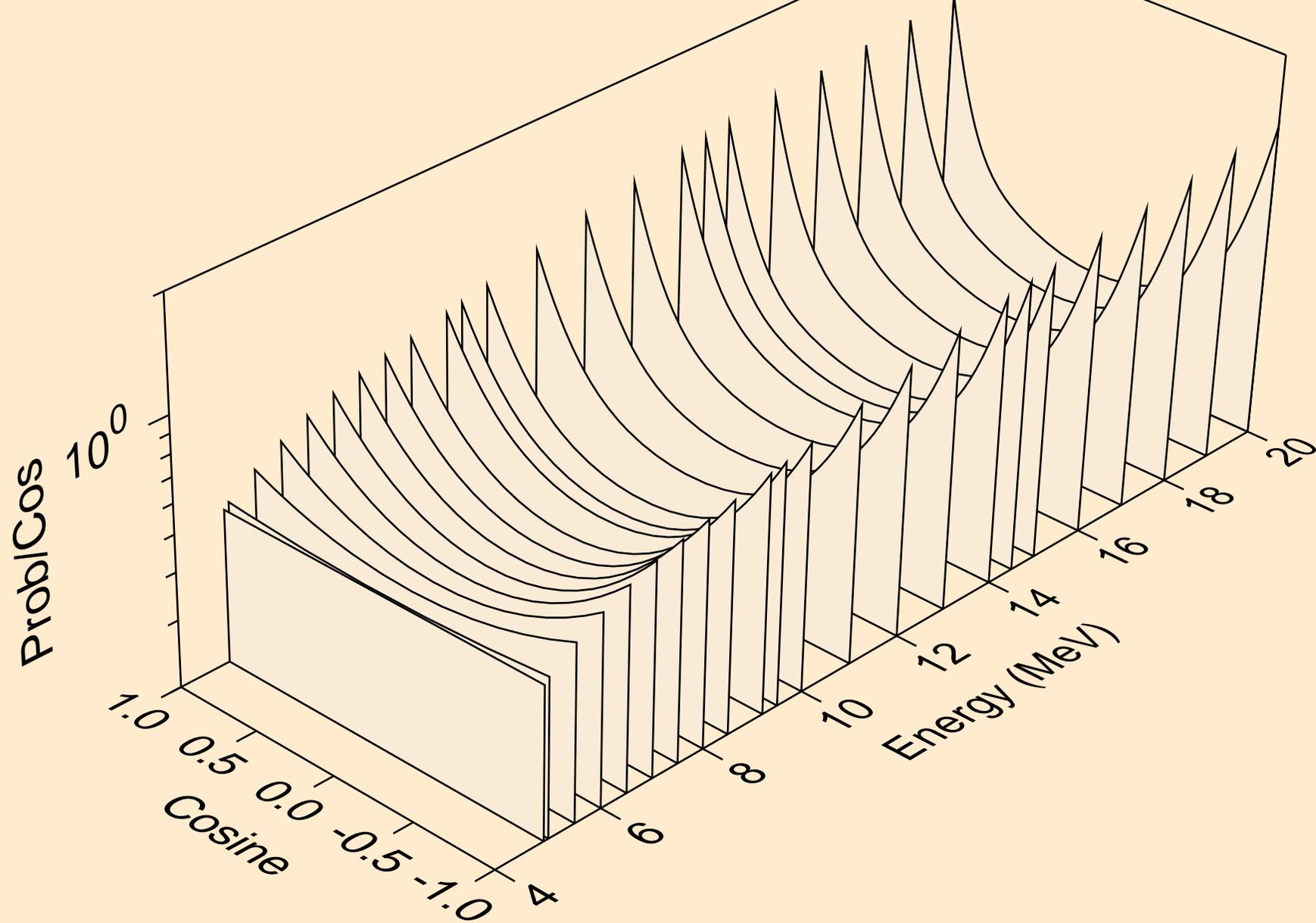
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*34)



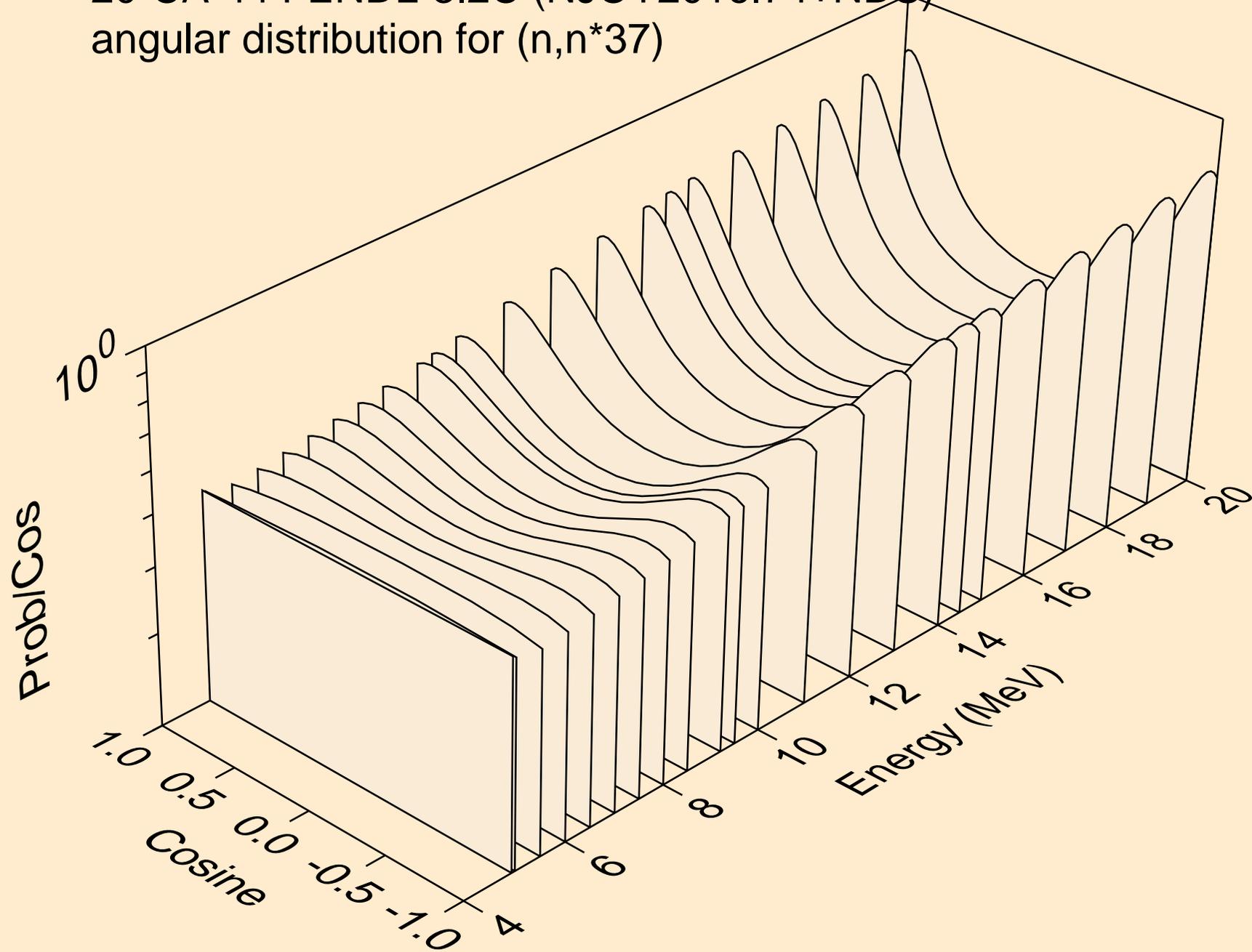
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*35)



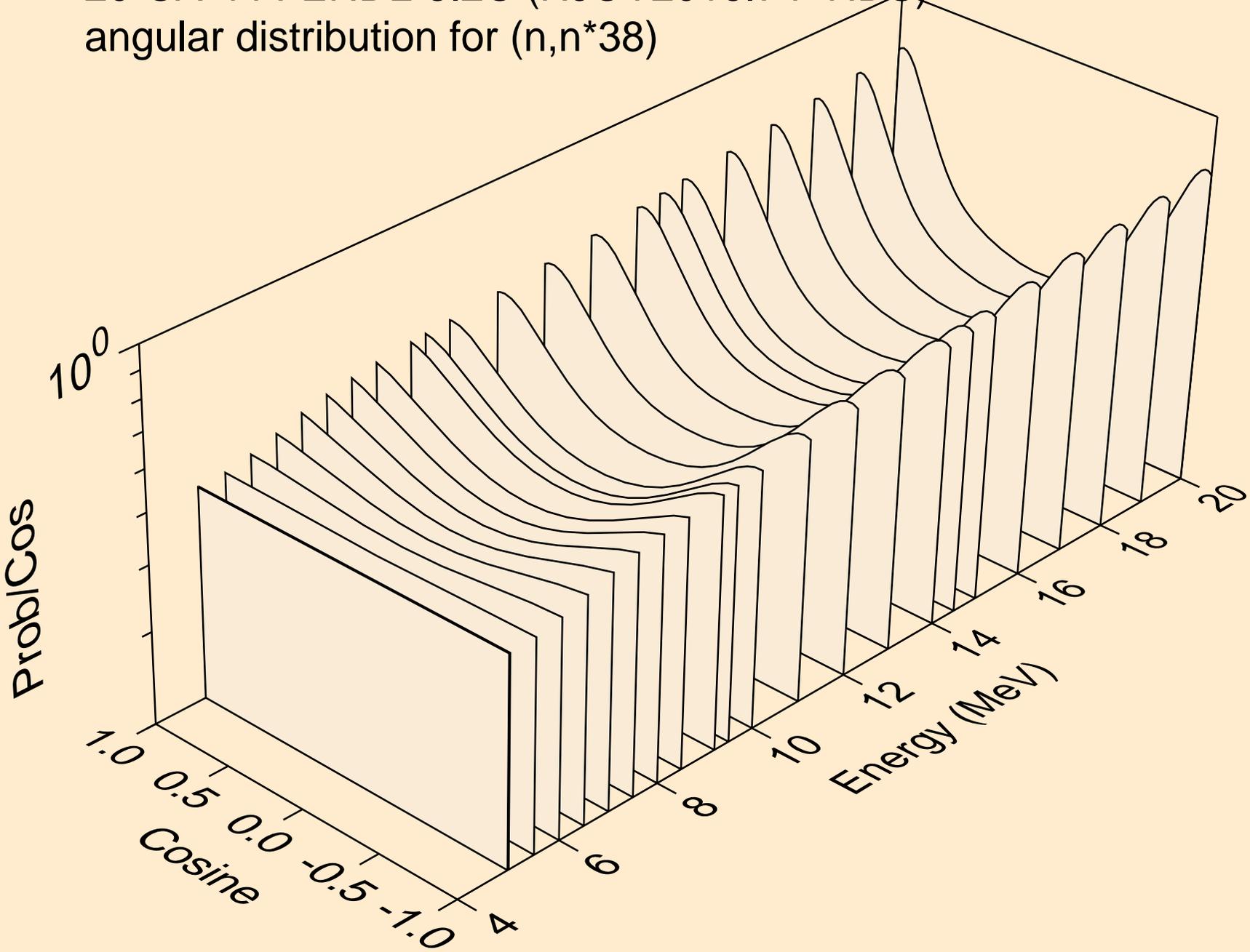
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*36)



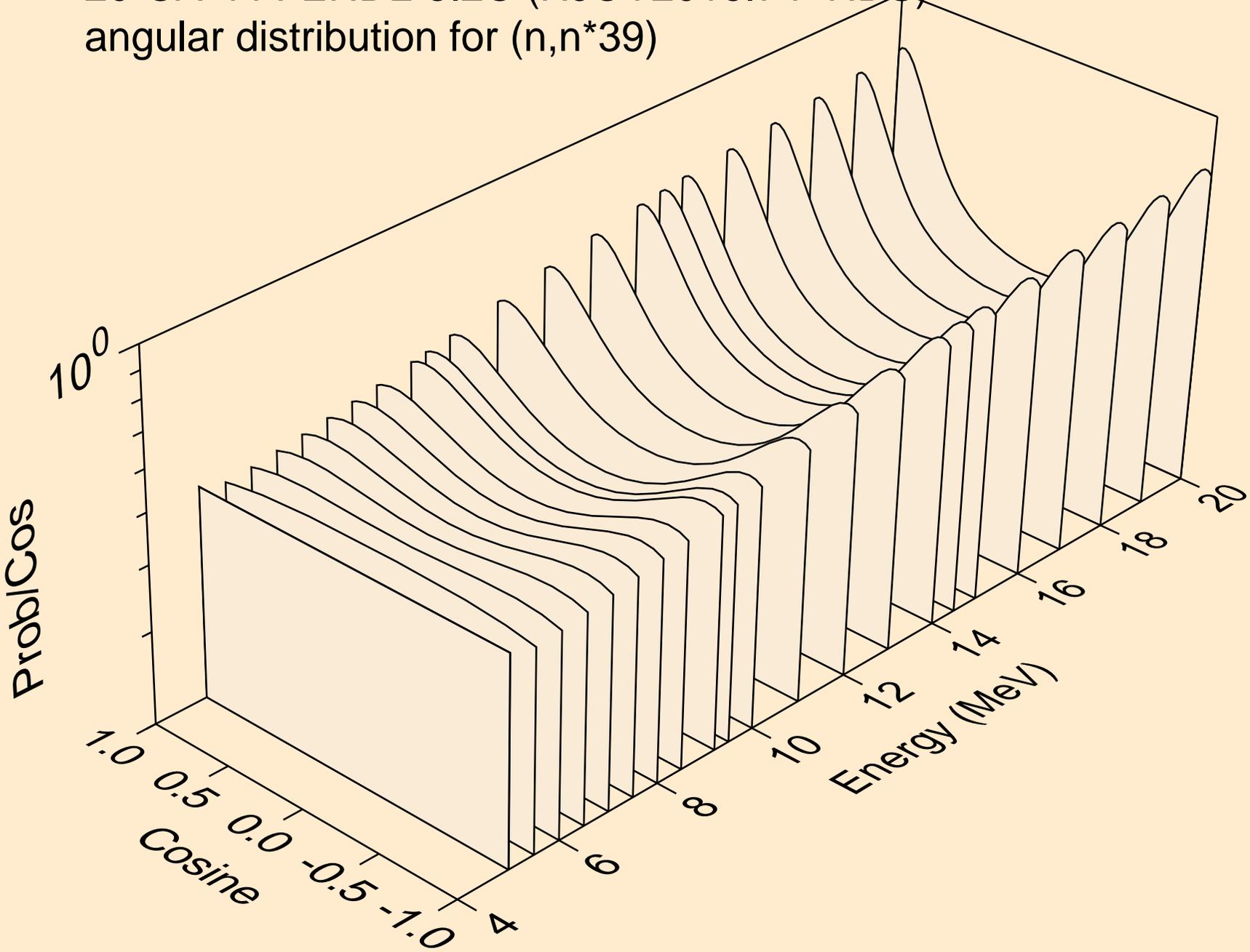
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*37)



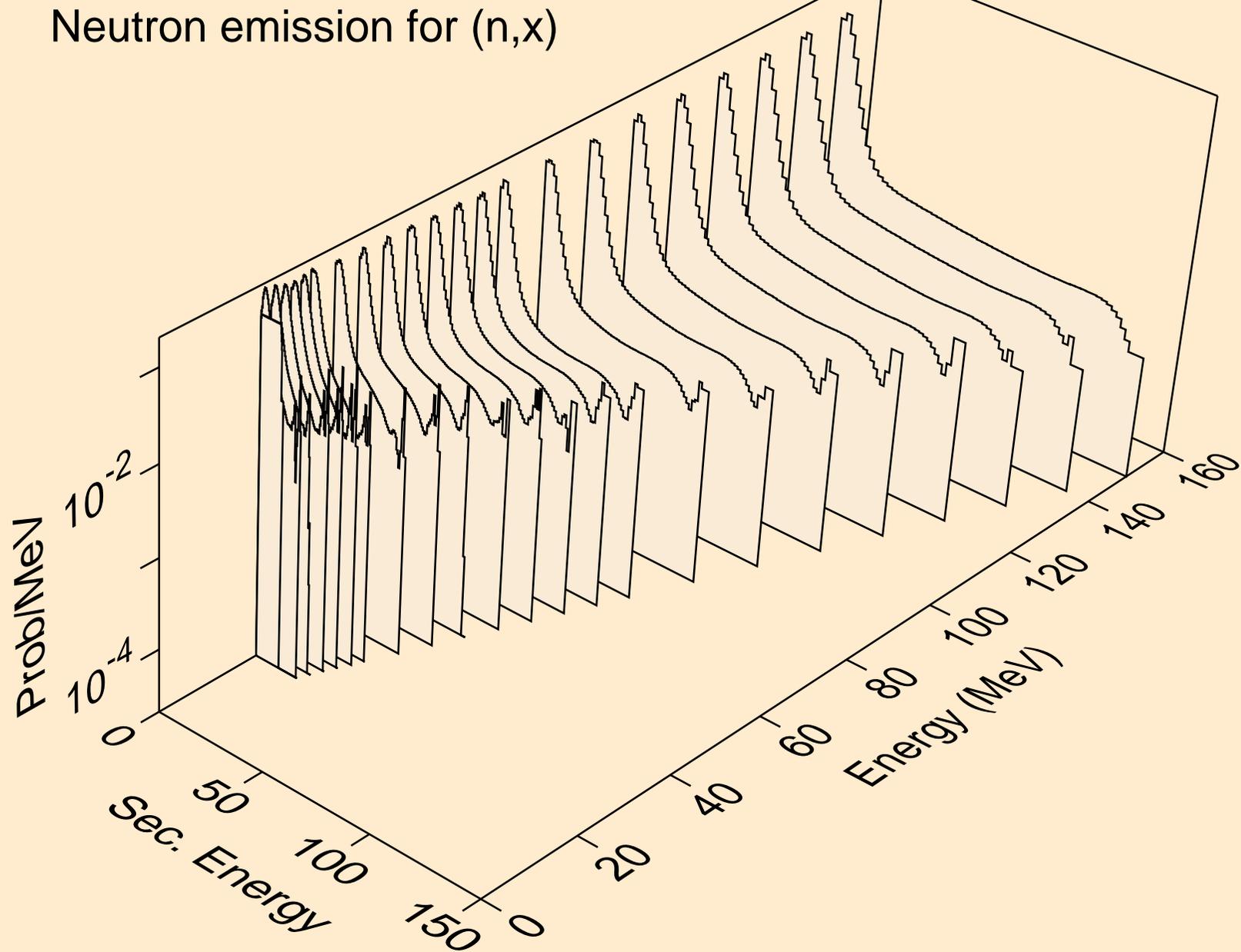
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*38)



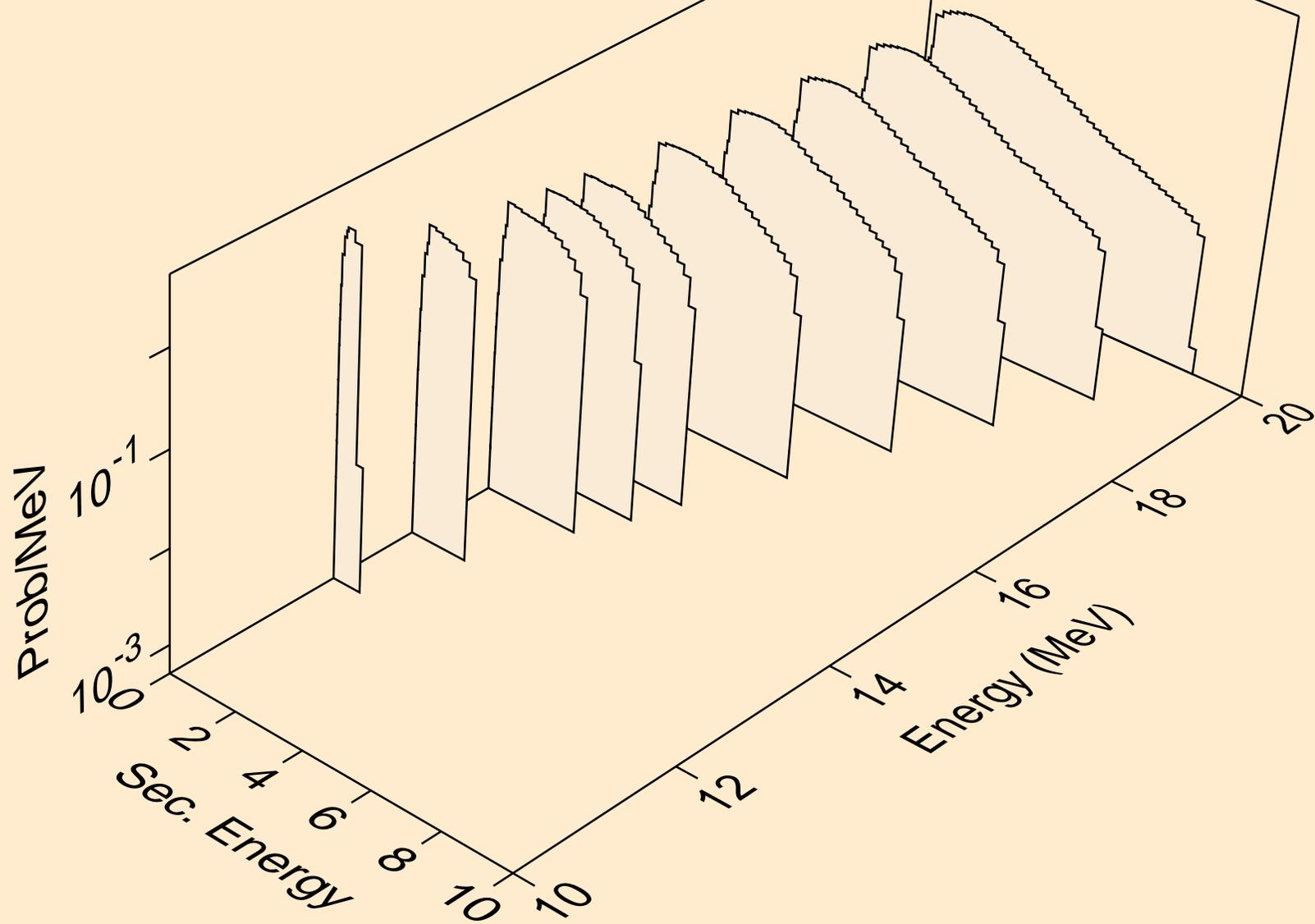
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
angular distribution for (n,n\*39)



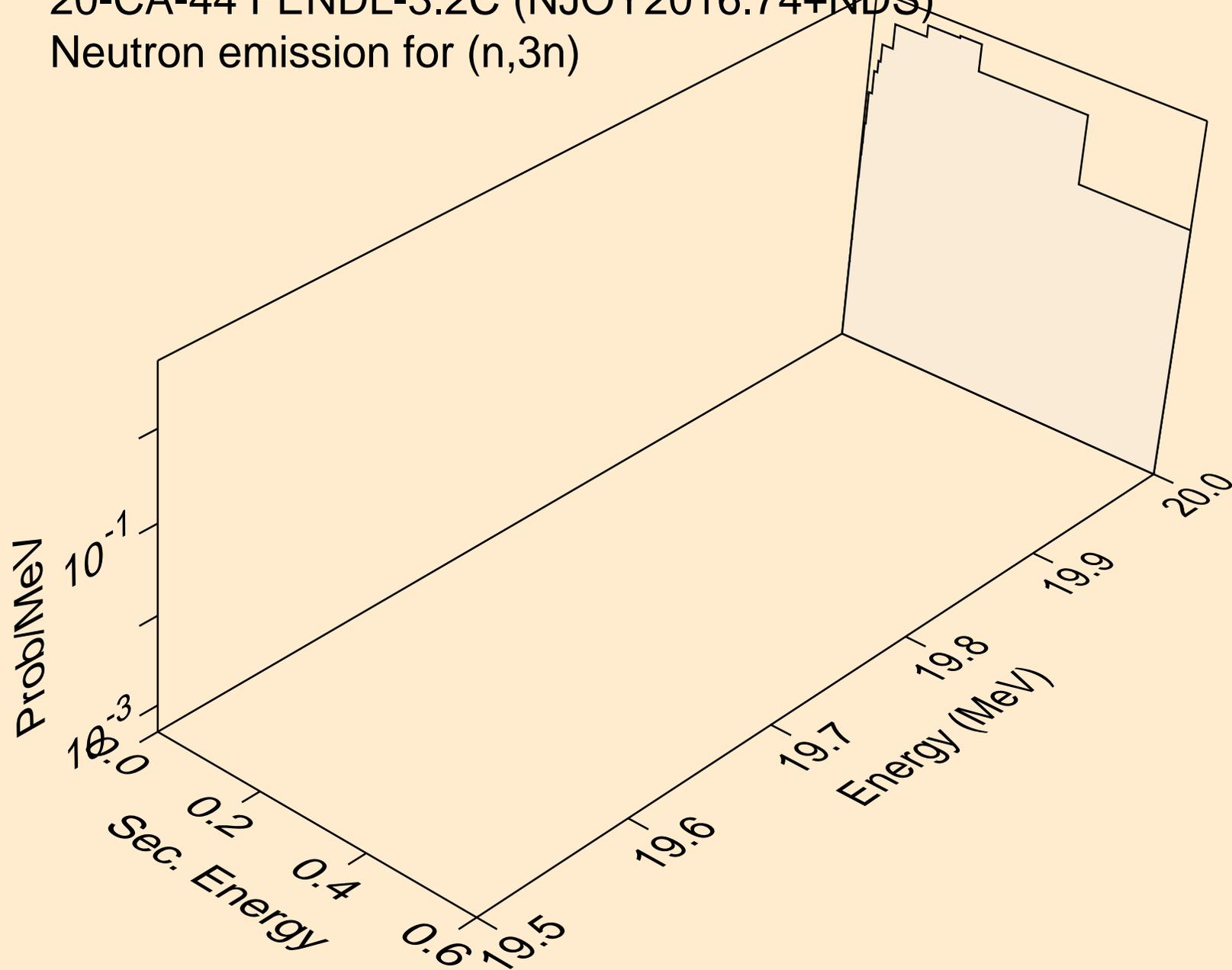
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,x)



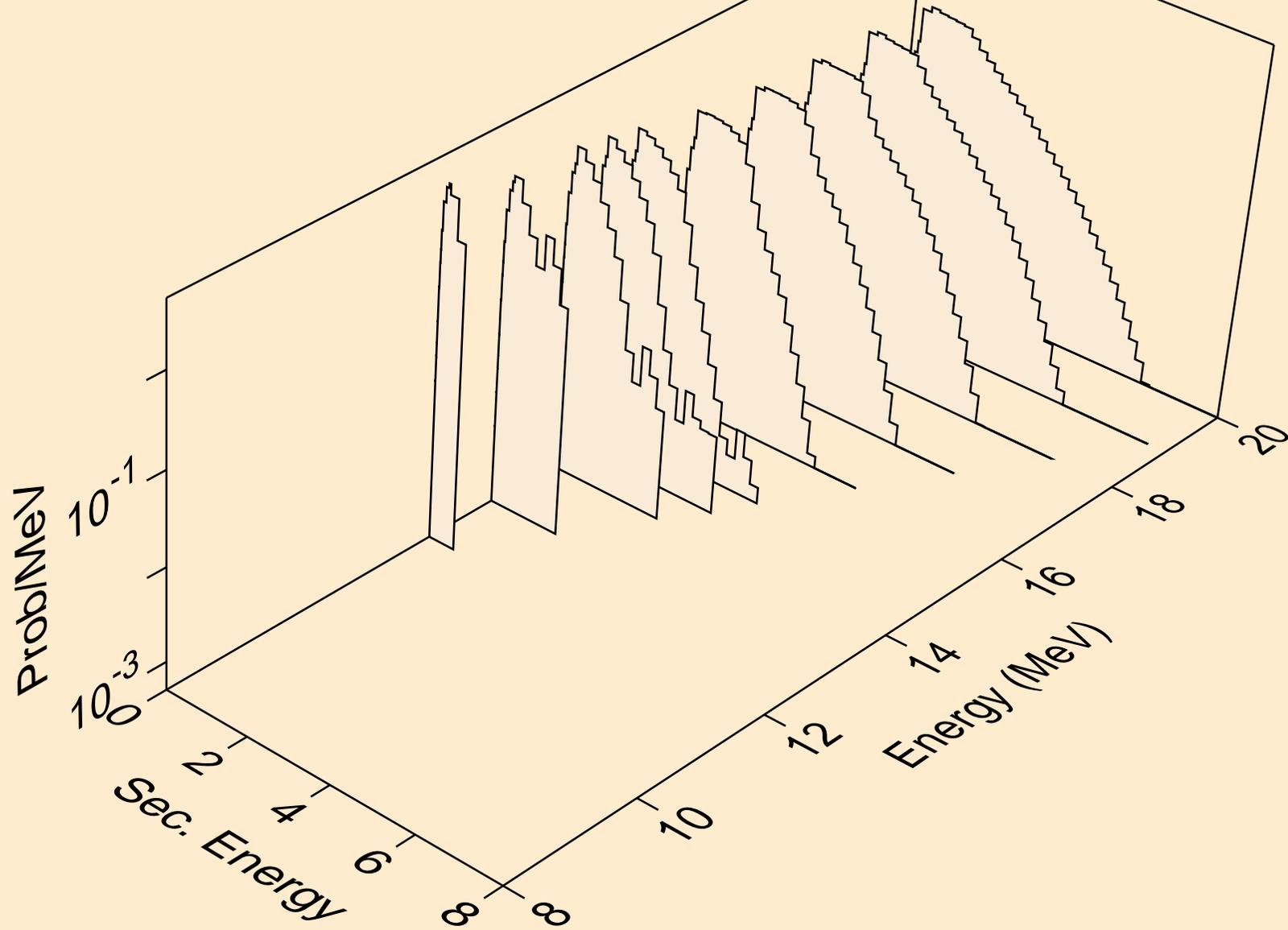
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,2n)



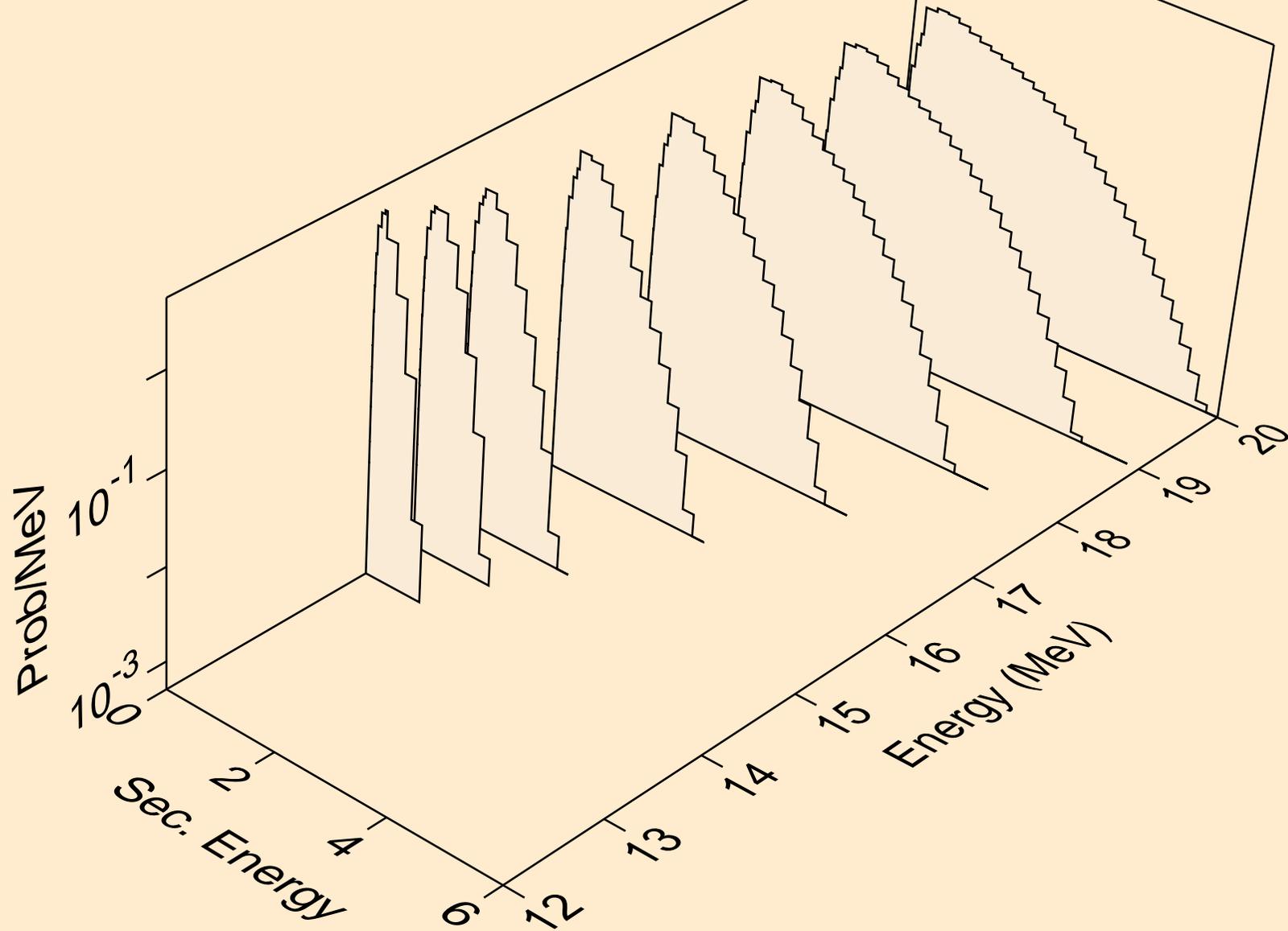
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,3n)



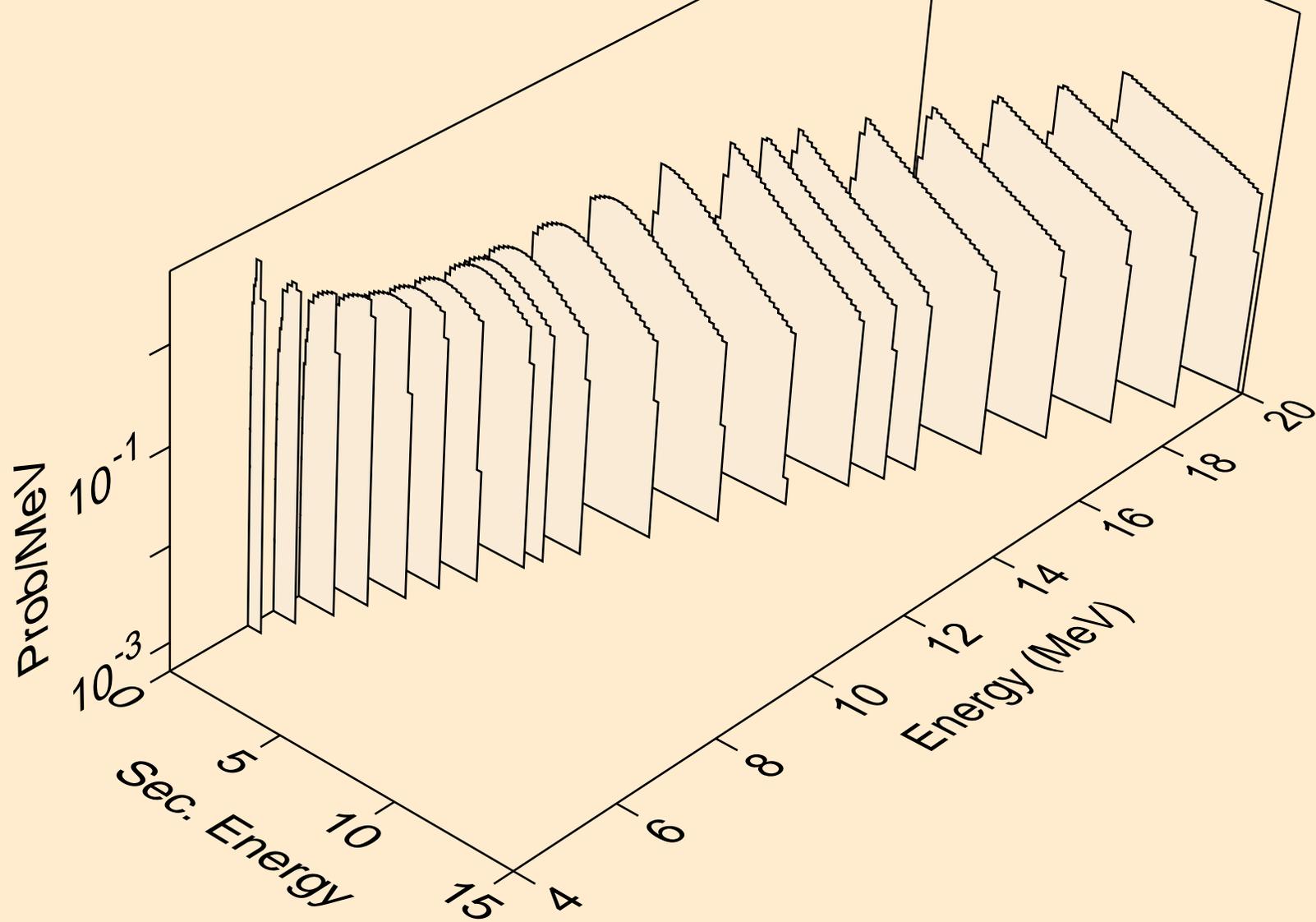
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,na)



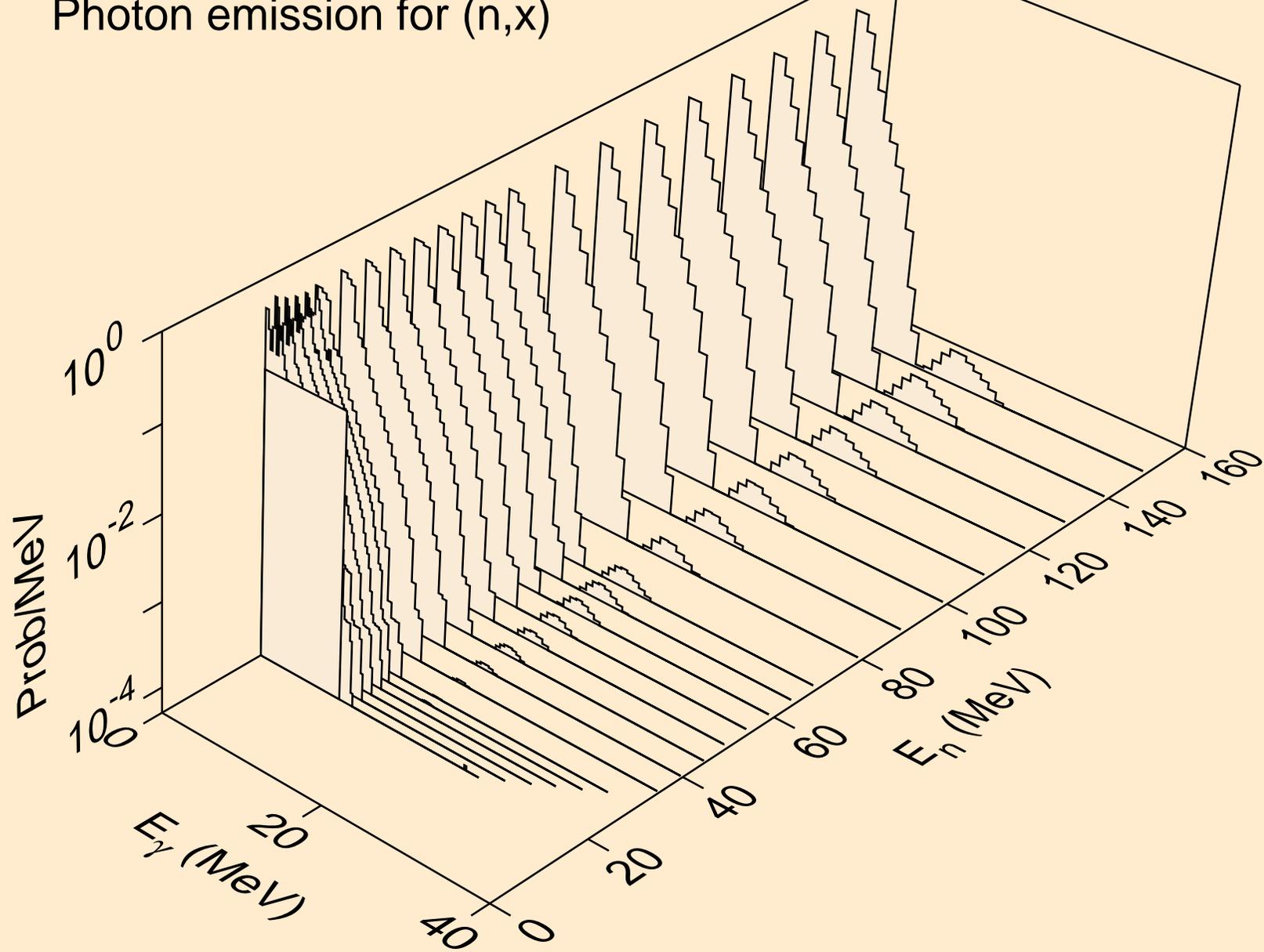
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,np)



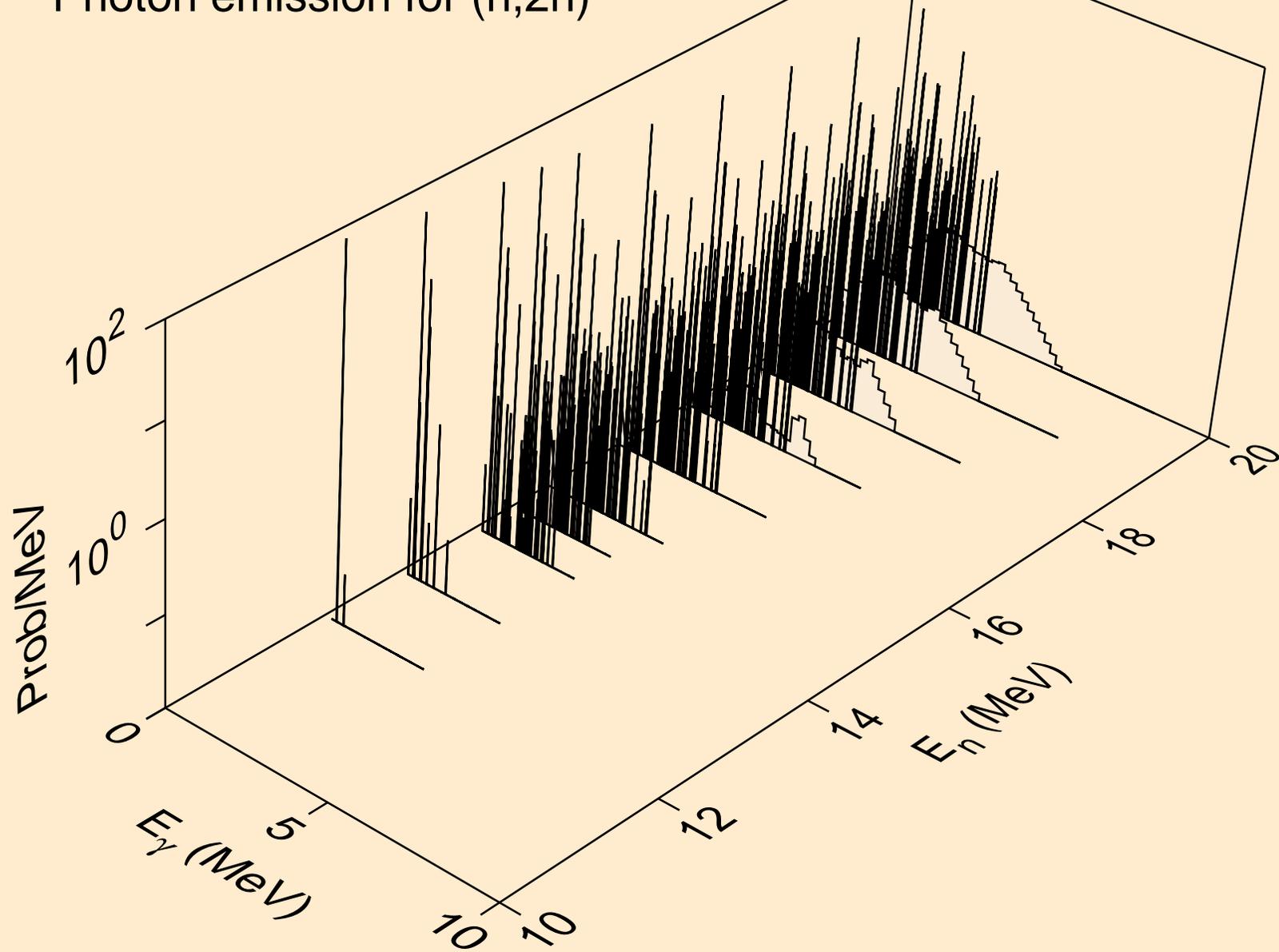
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Neutron emission for (n,n\*c)



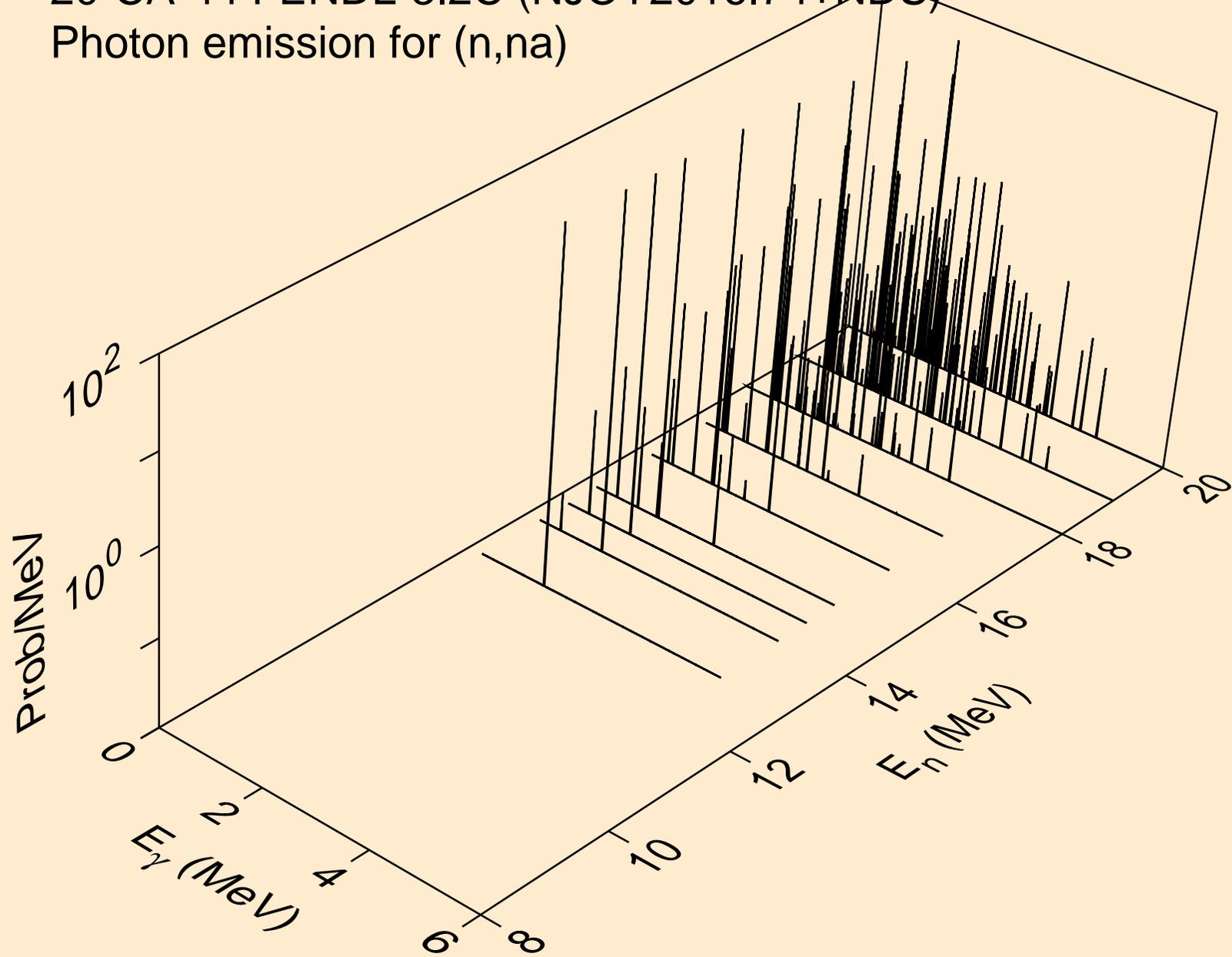
20-CA-44 FENDL-3.2C (NJOY216.74+NDS)  
Photon emission for (n,x)



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,2n)

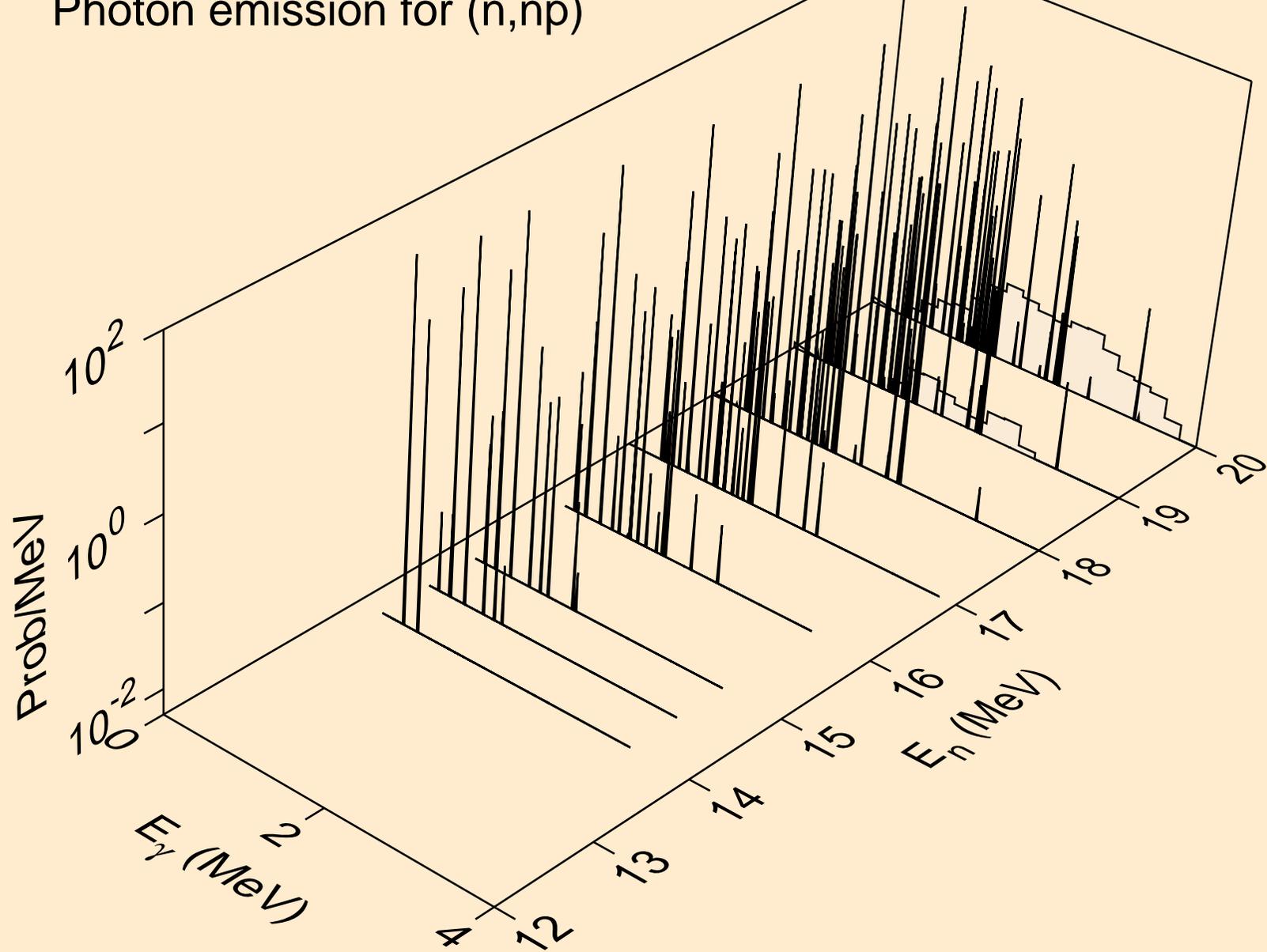


20-CA-44 FENDL-3.2C (NJOY2106.74+NDS)  
Photon emission for (n,na)

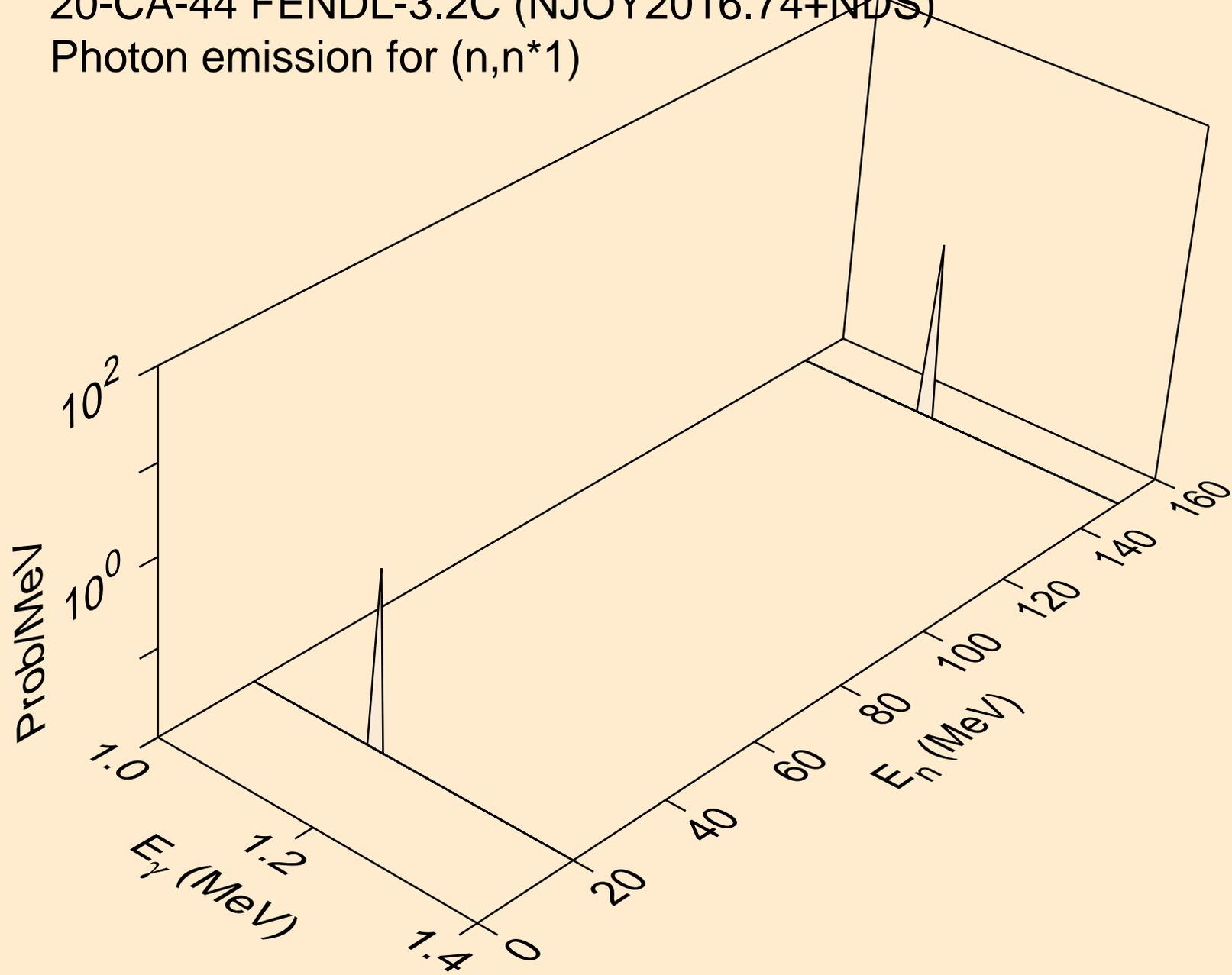


20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

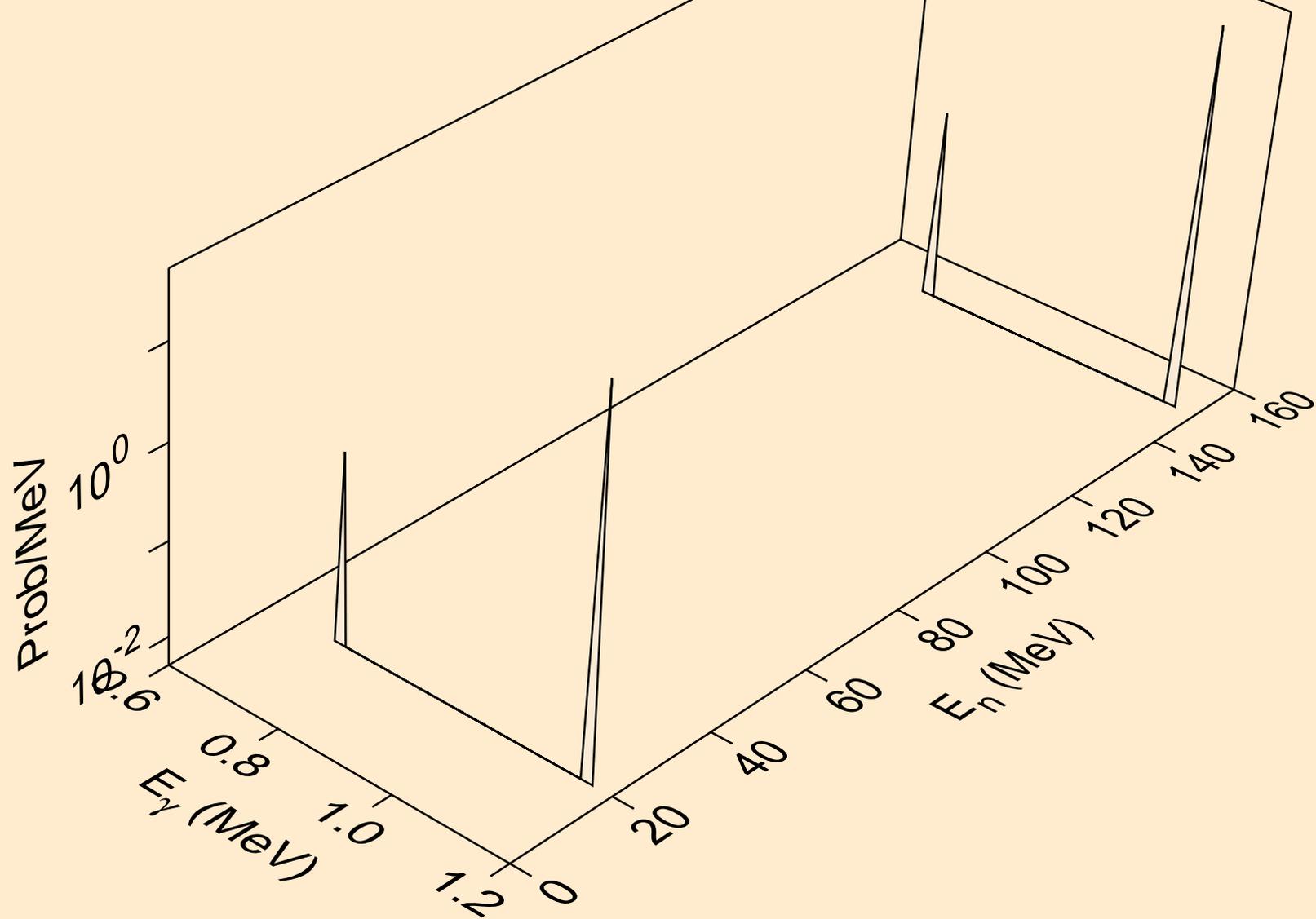
Photon emission for (n,np)



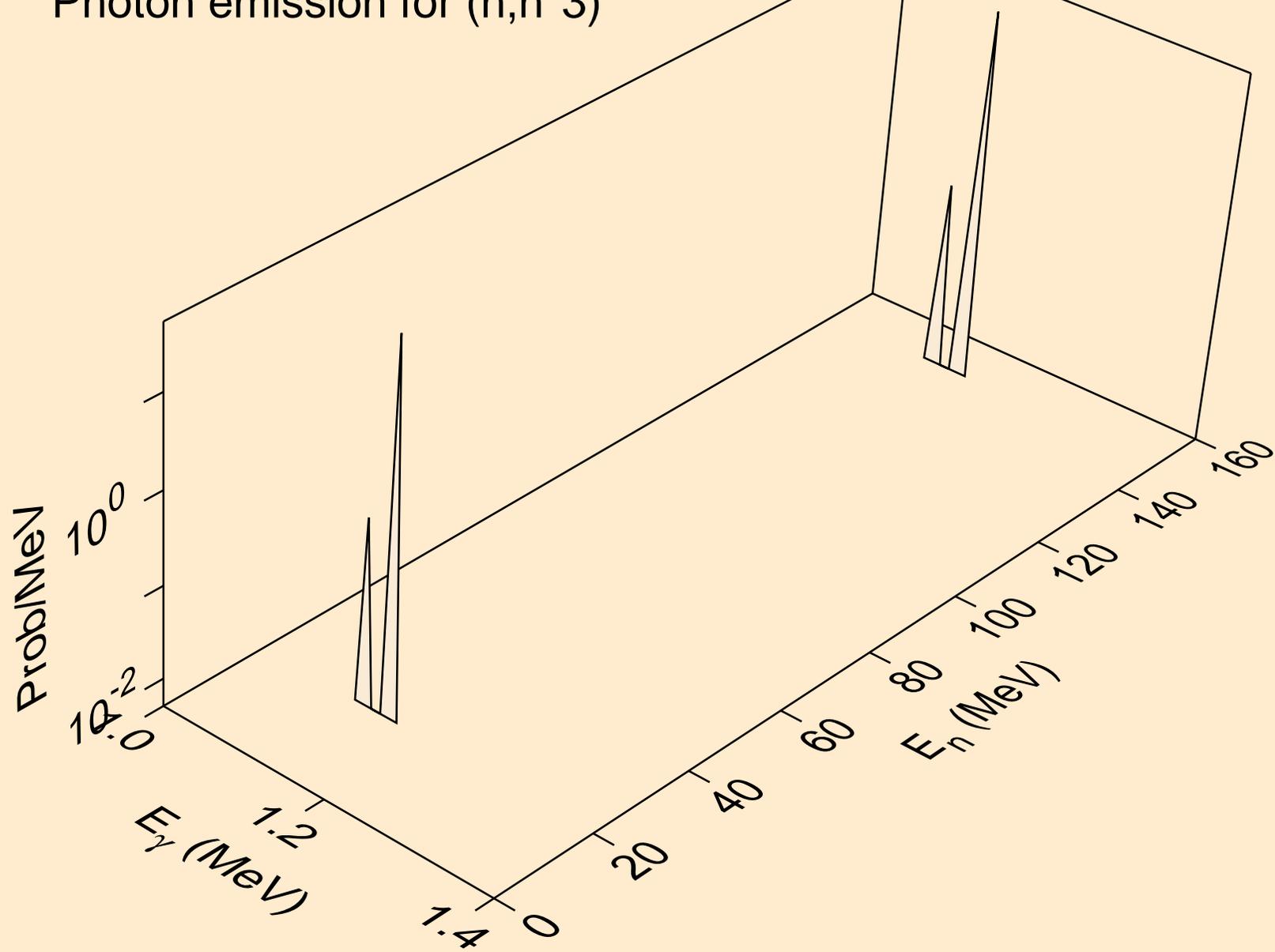
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*1)



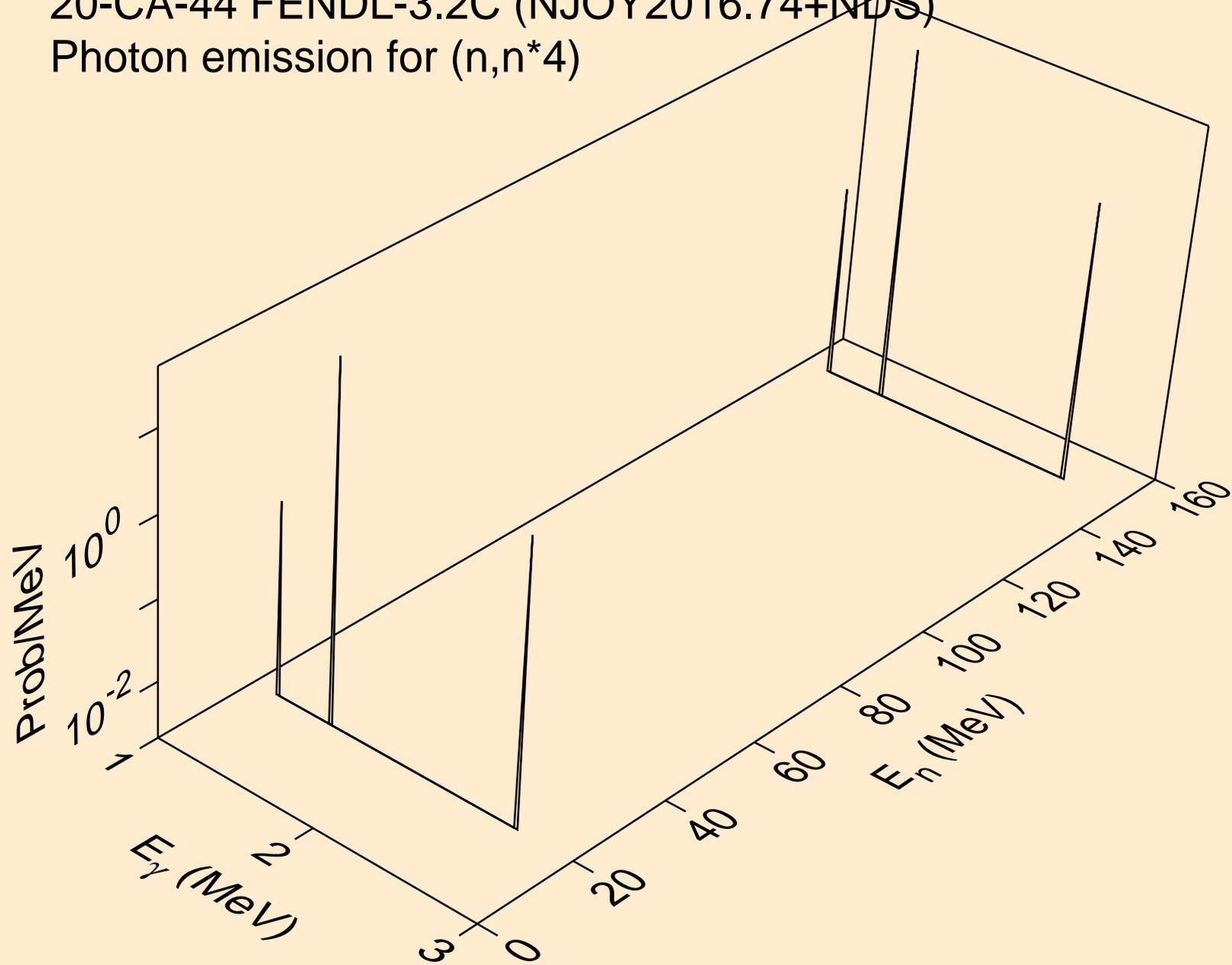
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*2)



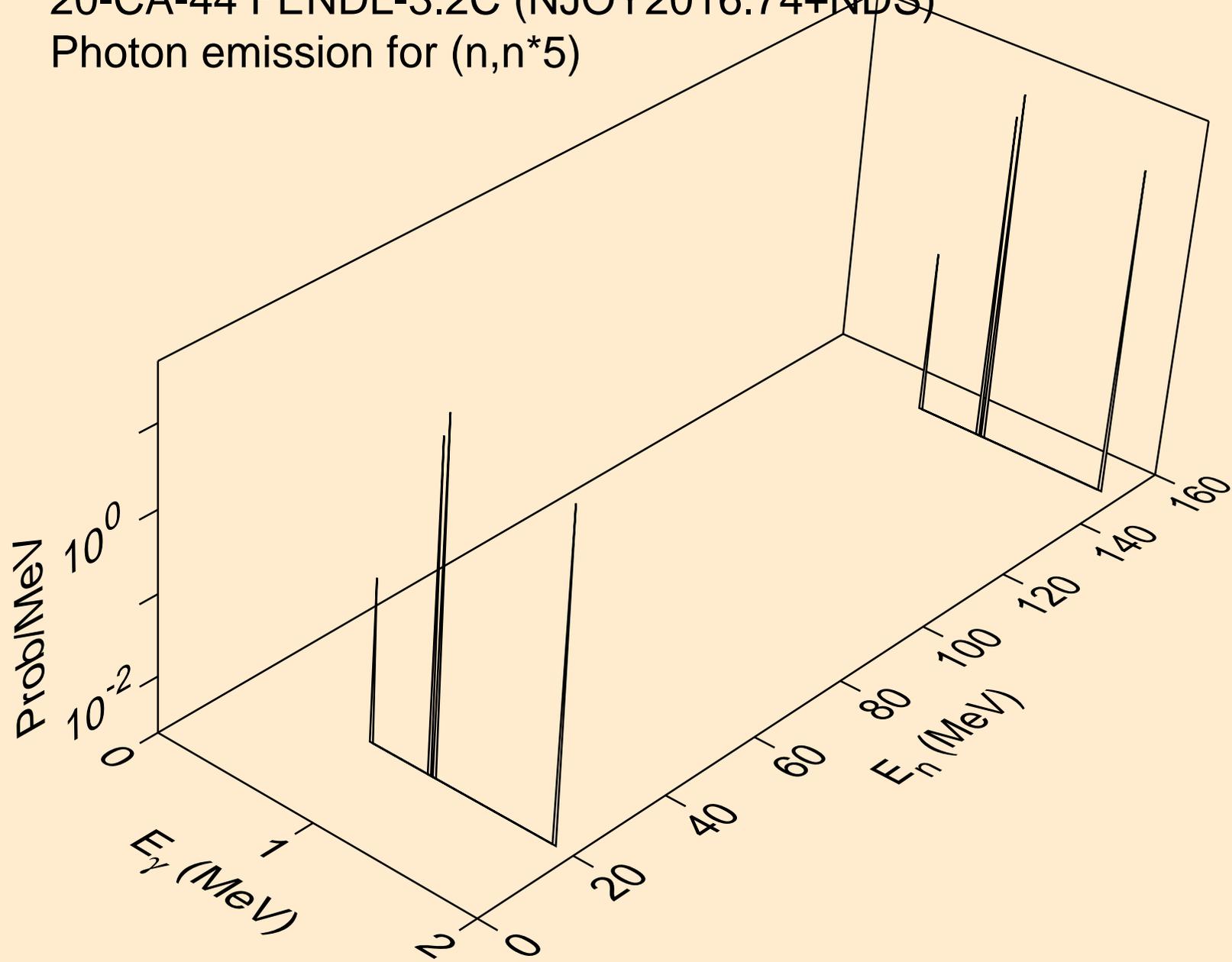
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*3)



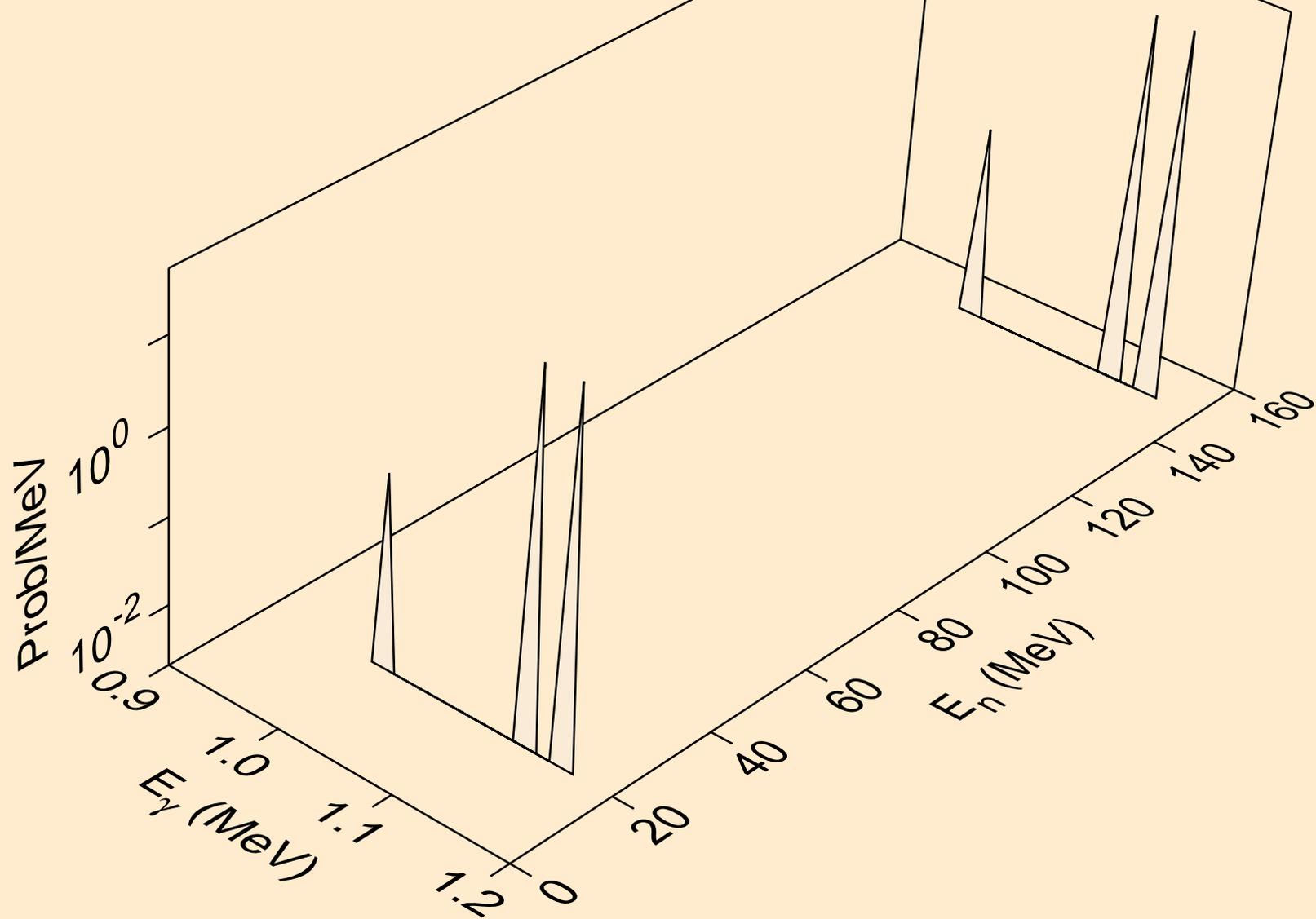
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*4)



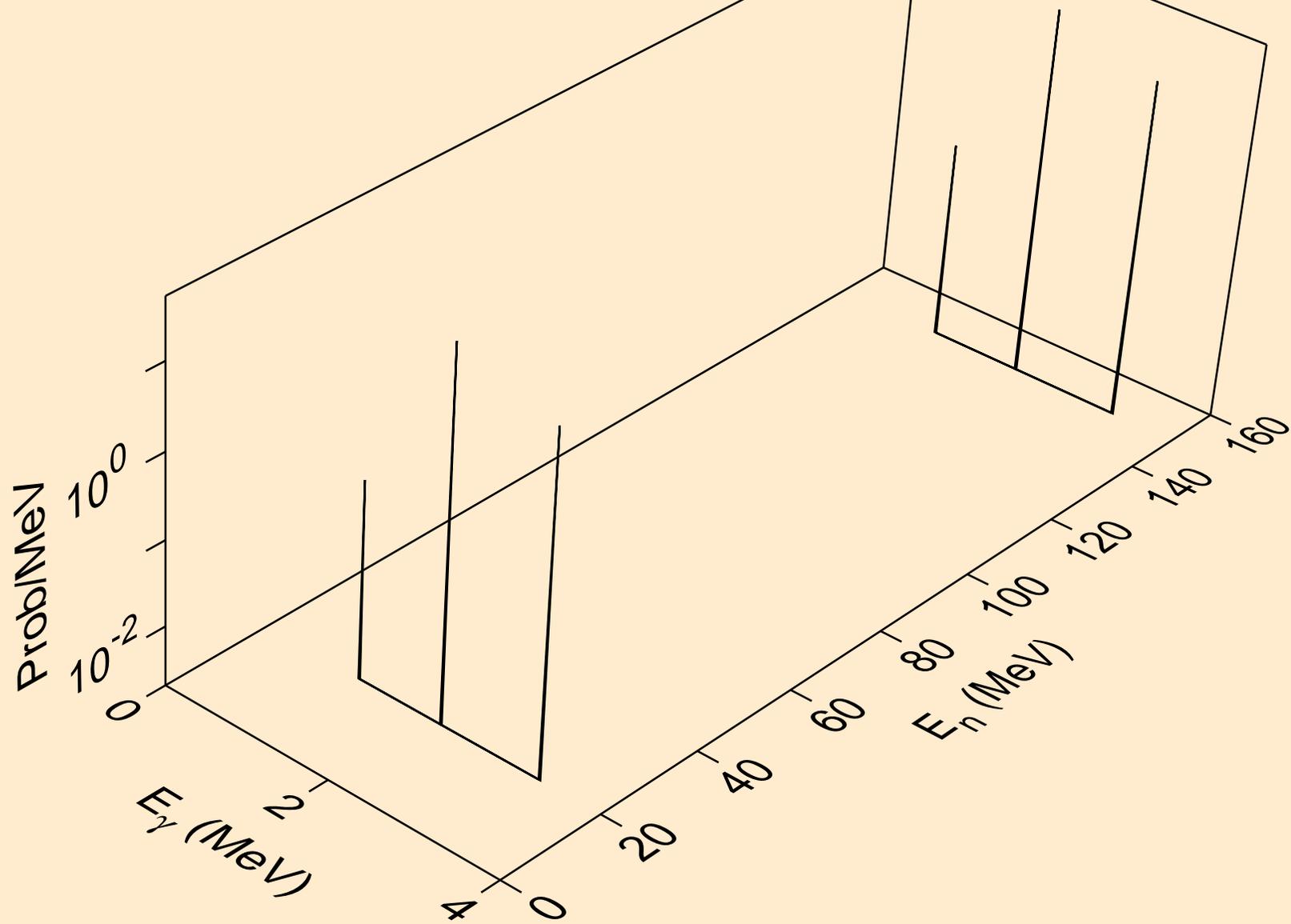
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*5)



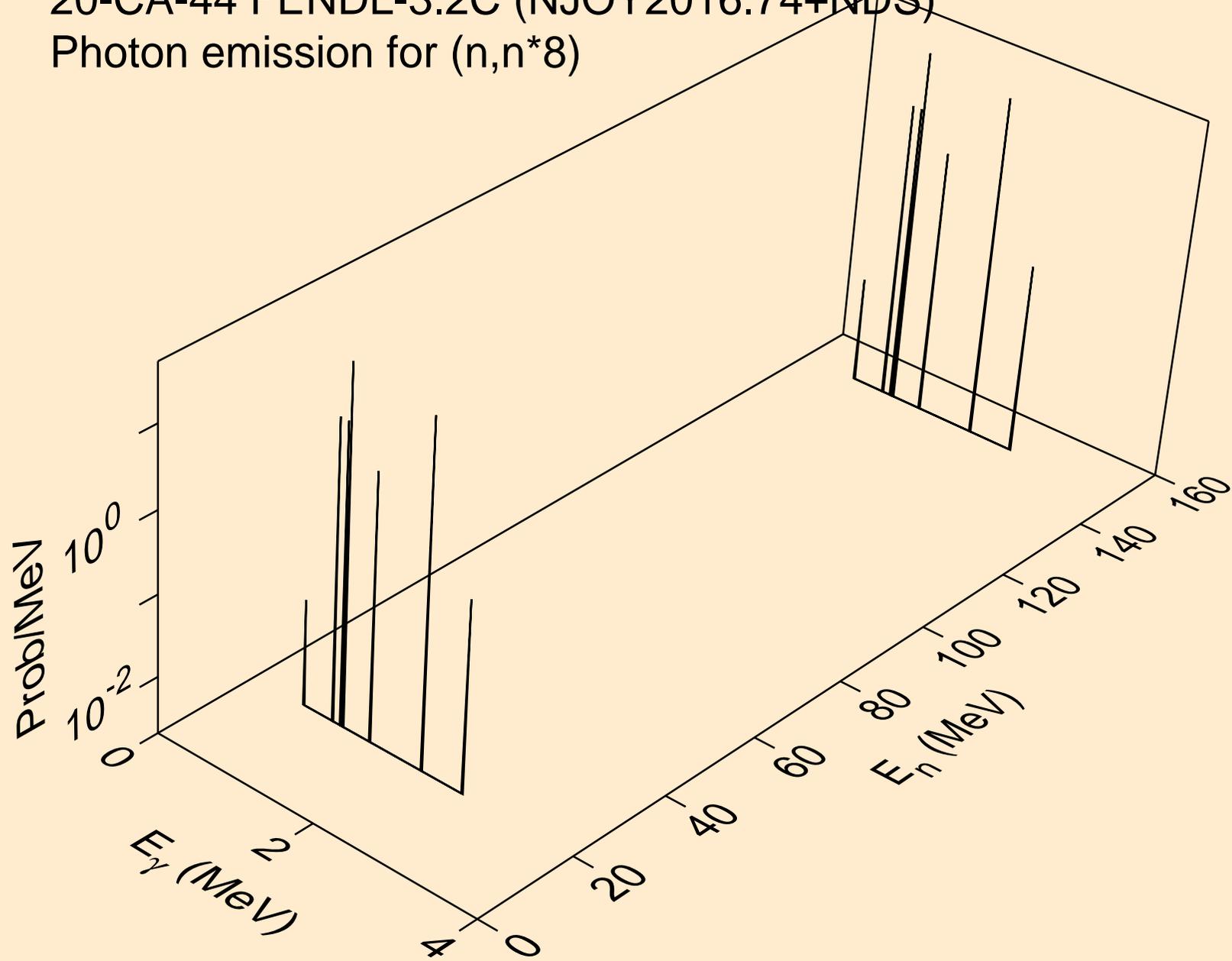
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*6)



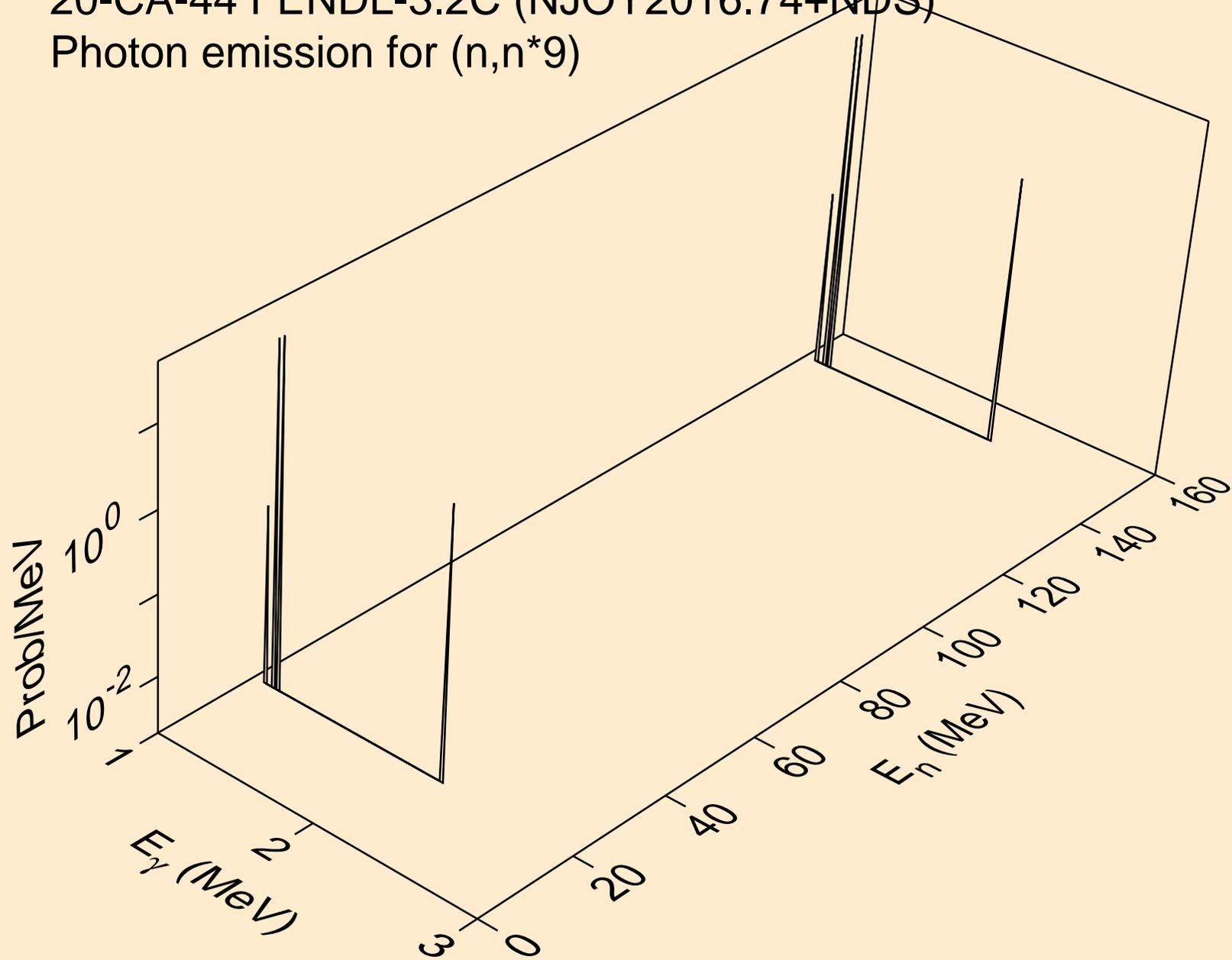
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*7)



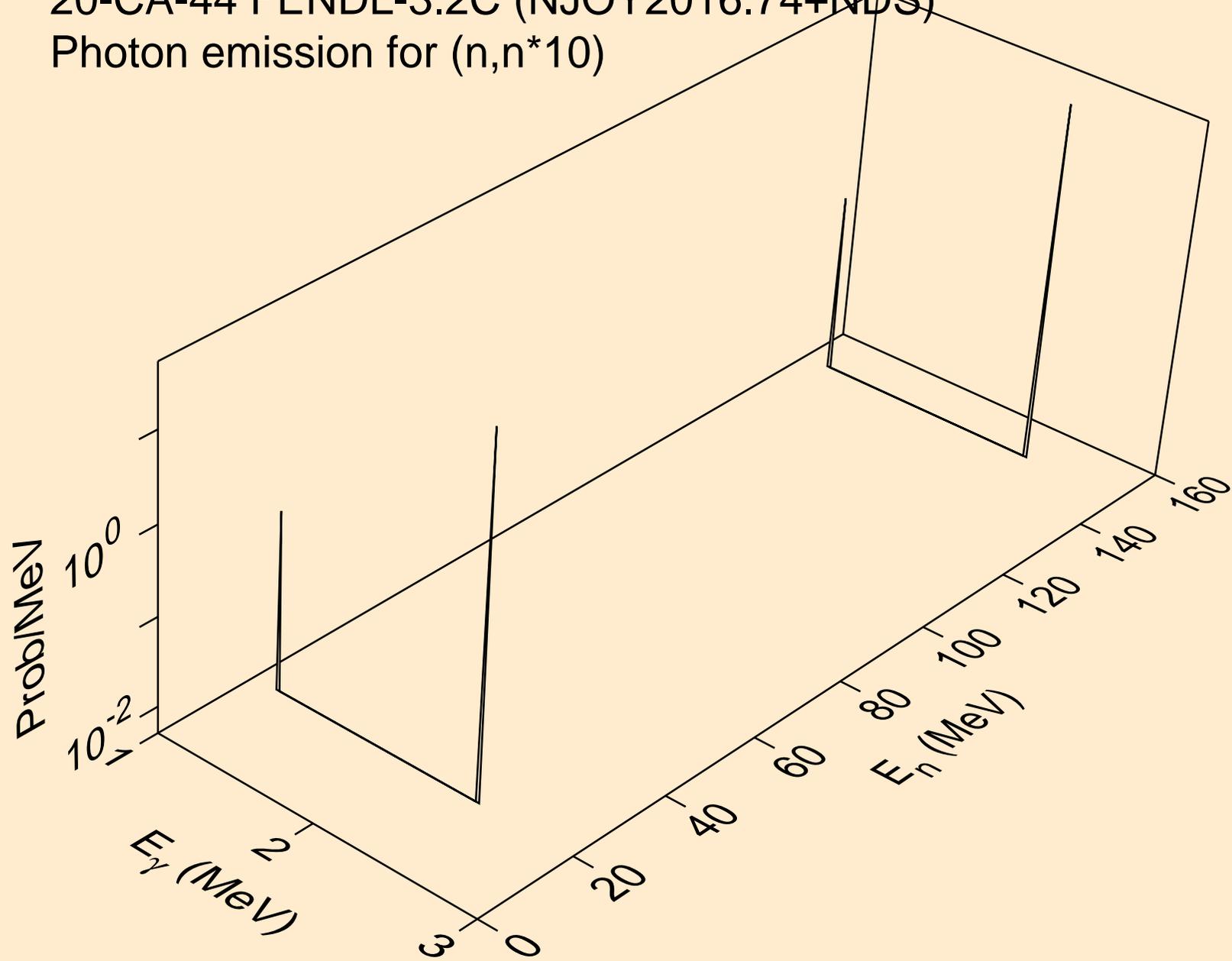
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*8)



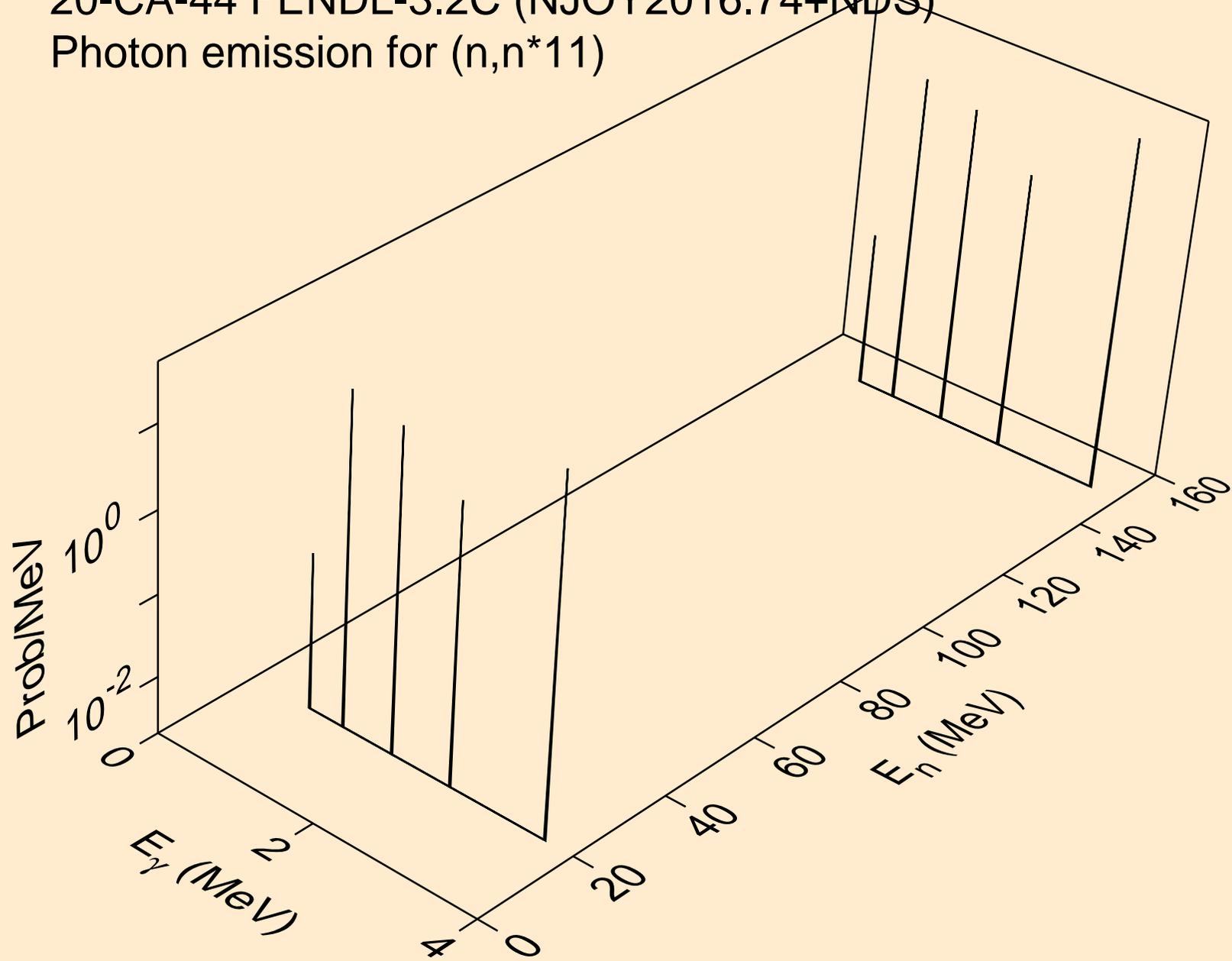
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*9)



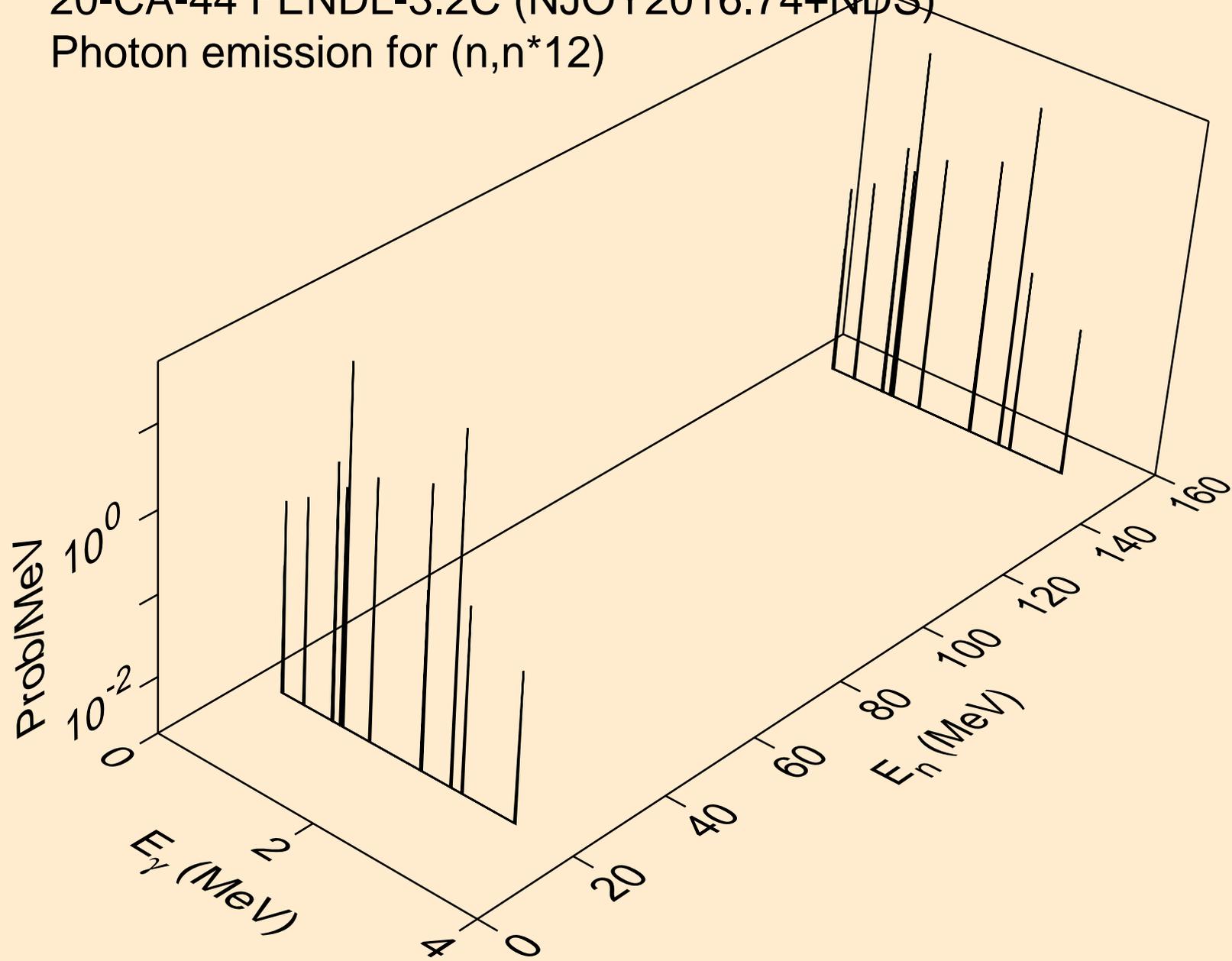
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Photon emission for (n,n\*10)



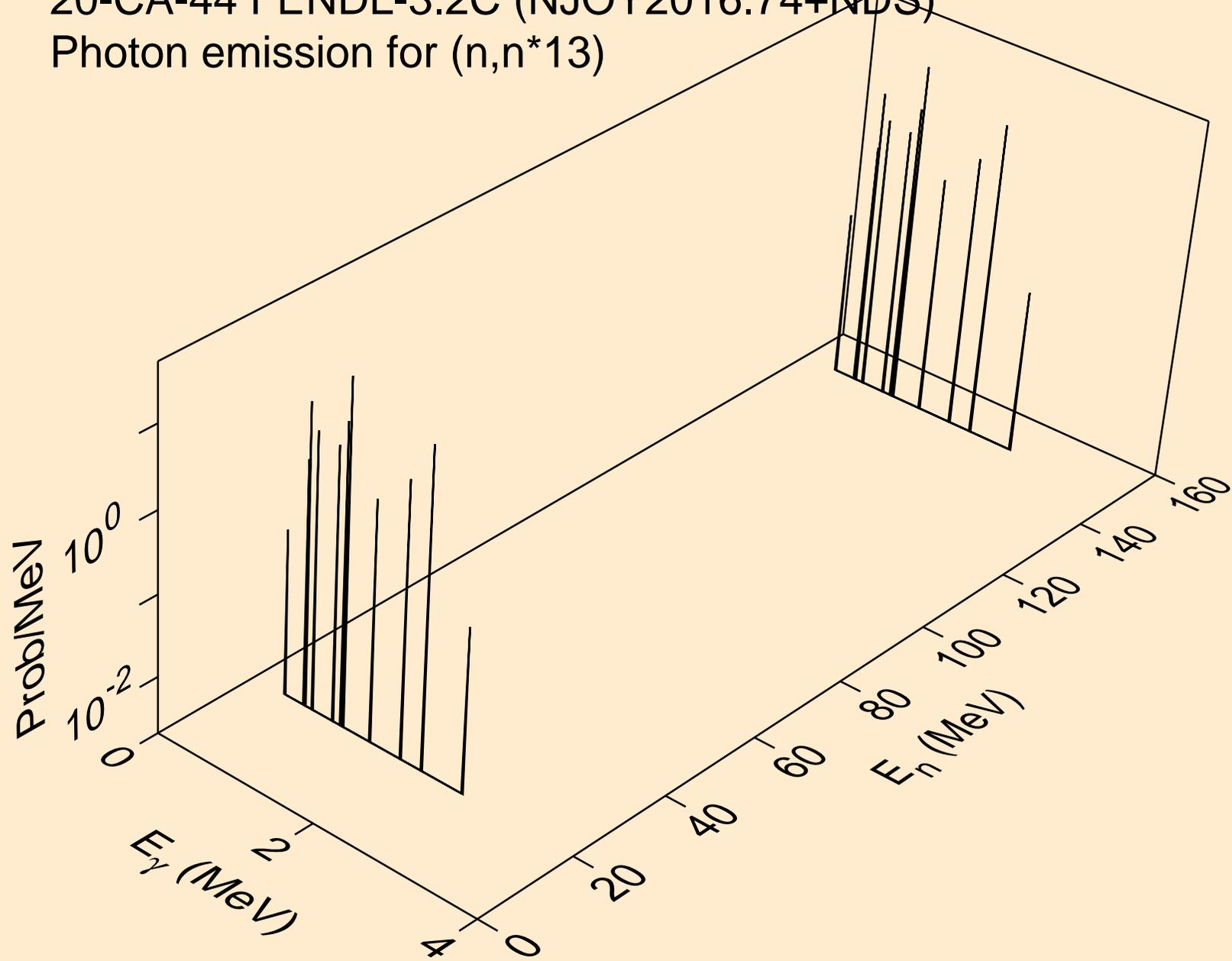
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Photon emission for (n,n\*11)



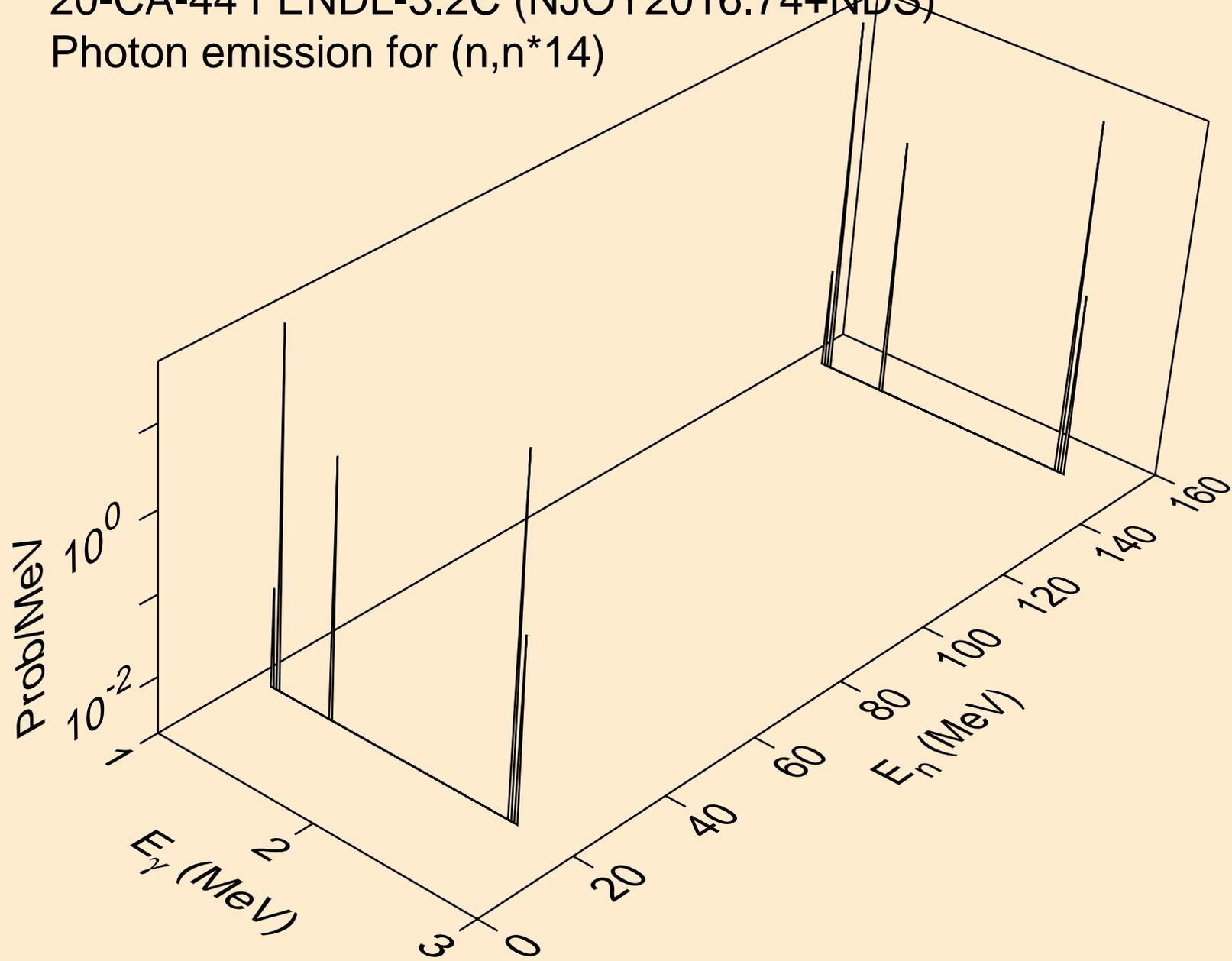
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*12)



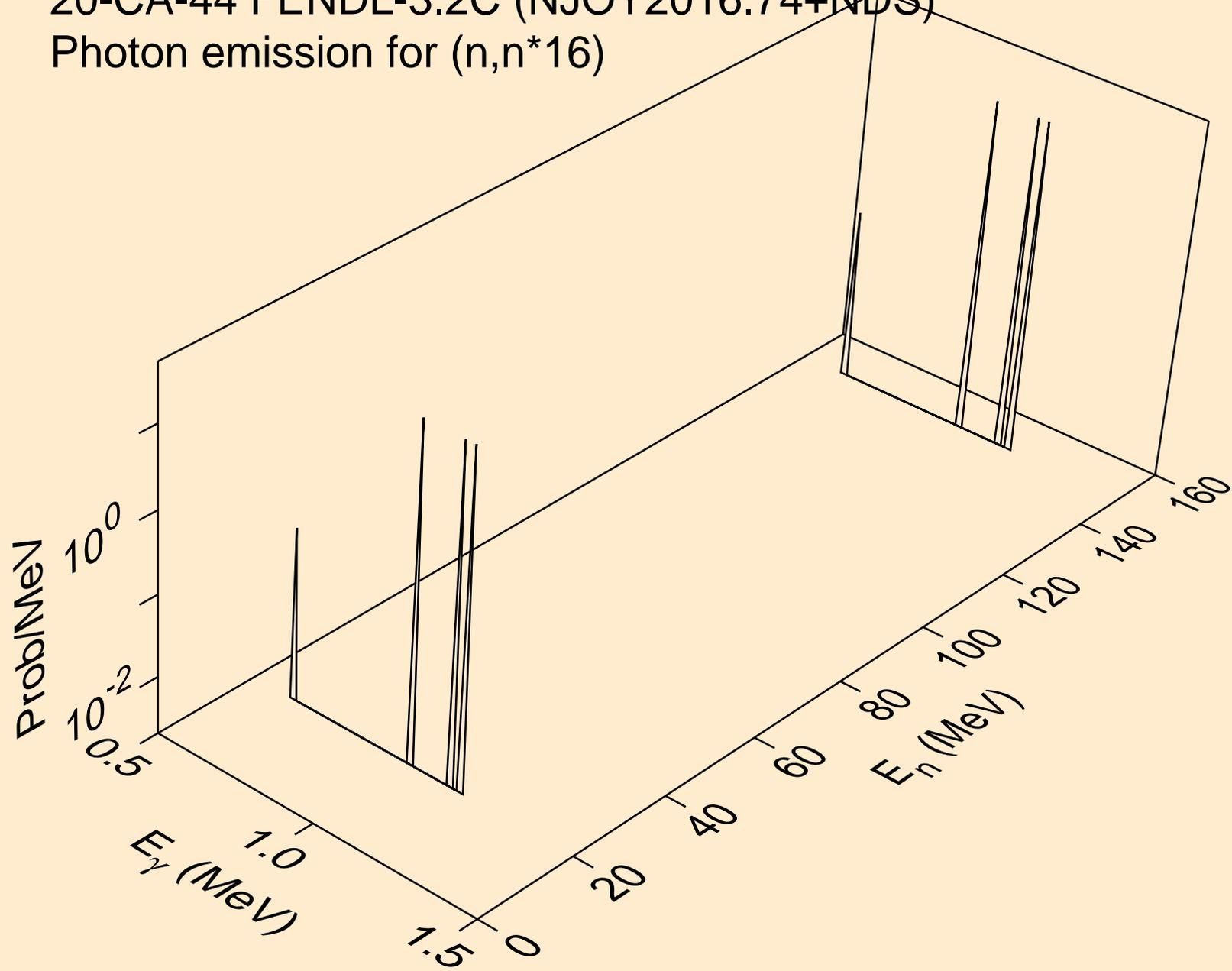
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*13)



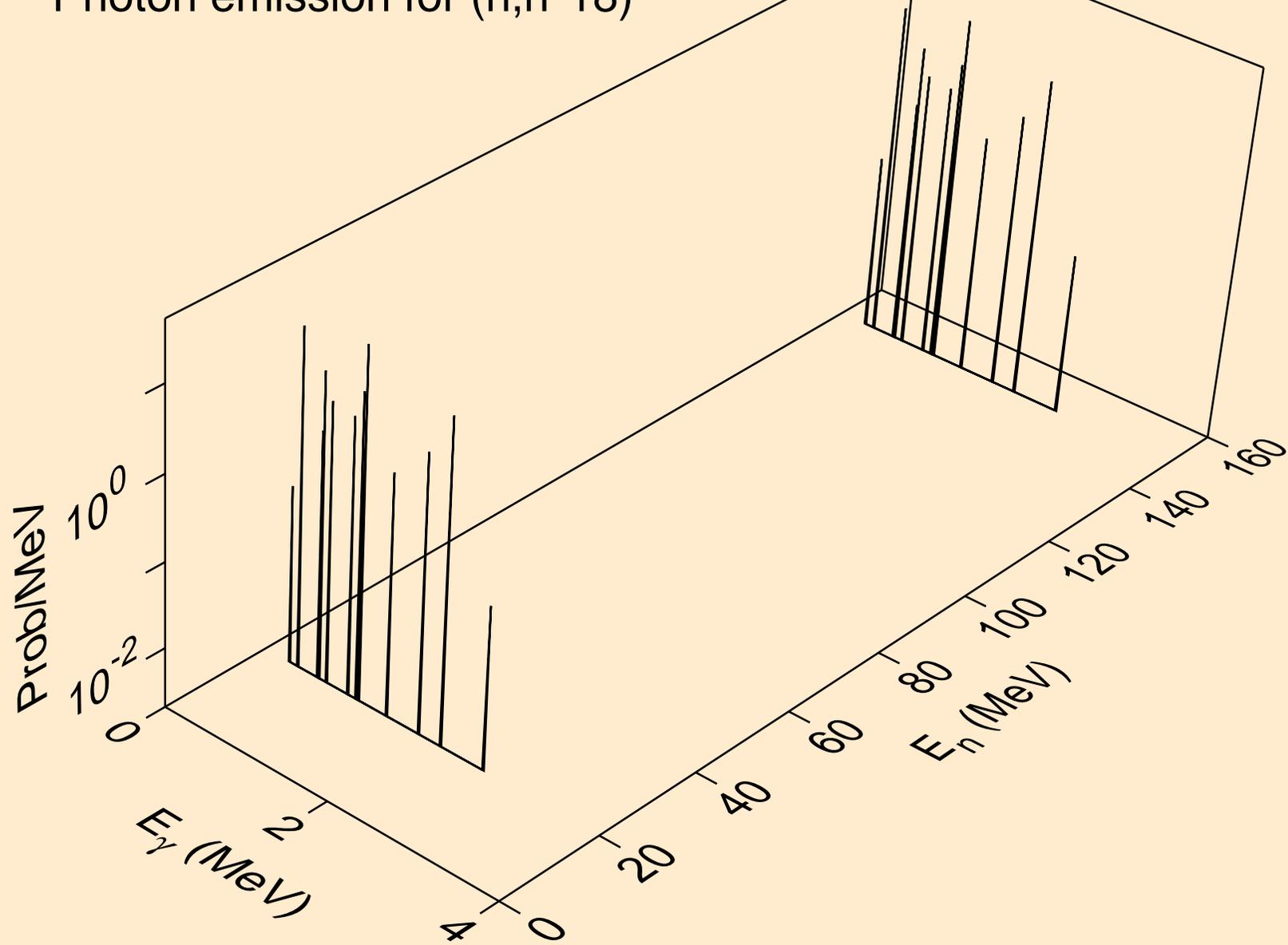
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*14)



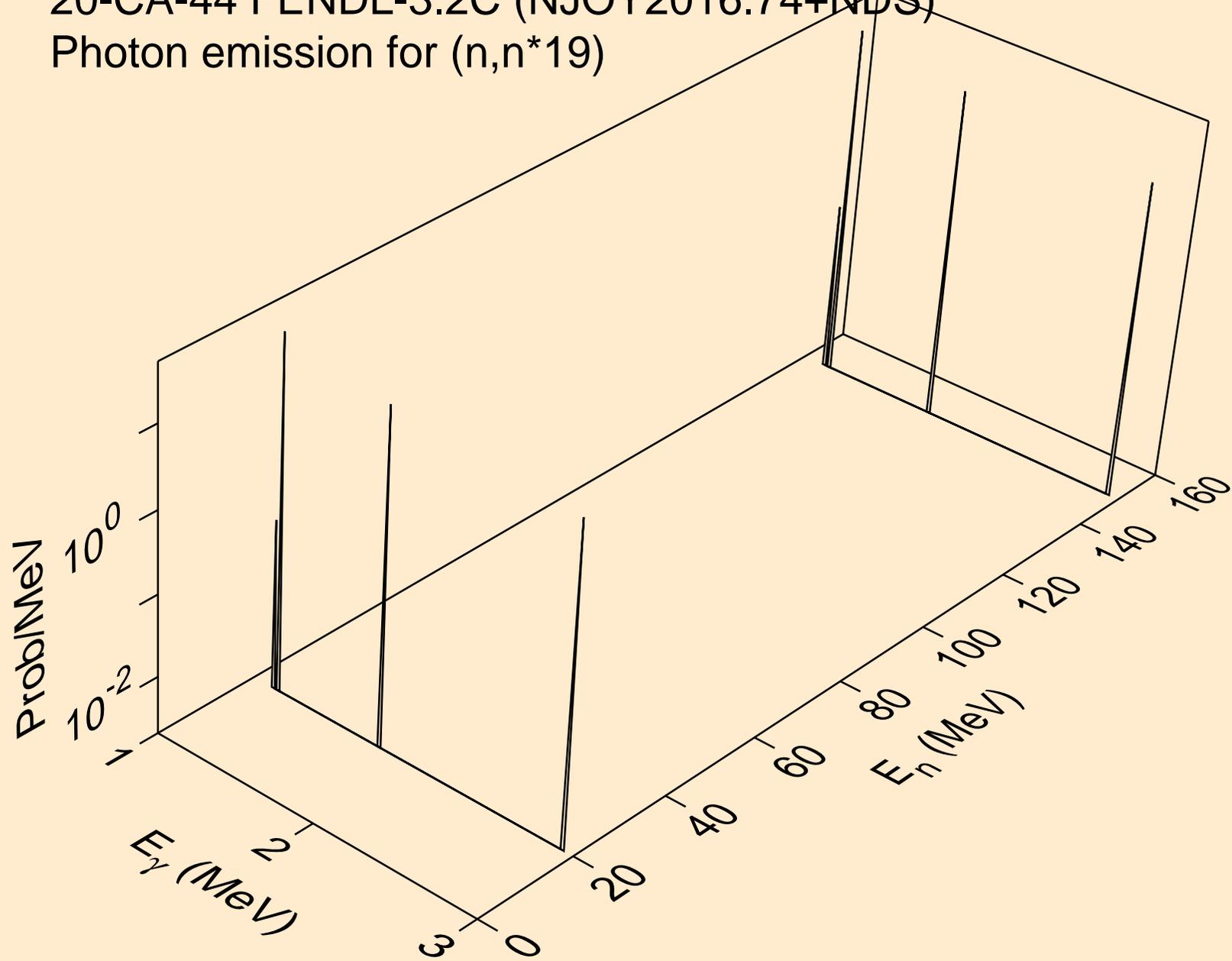
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*16)



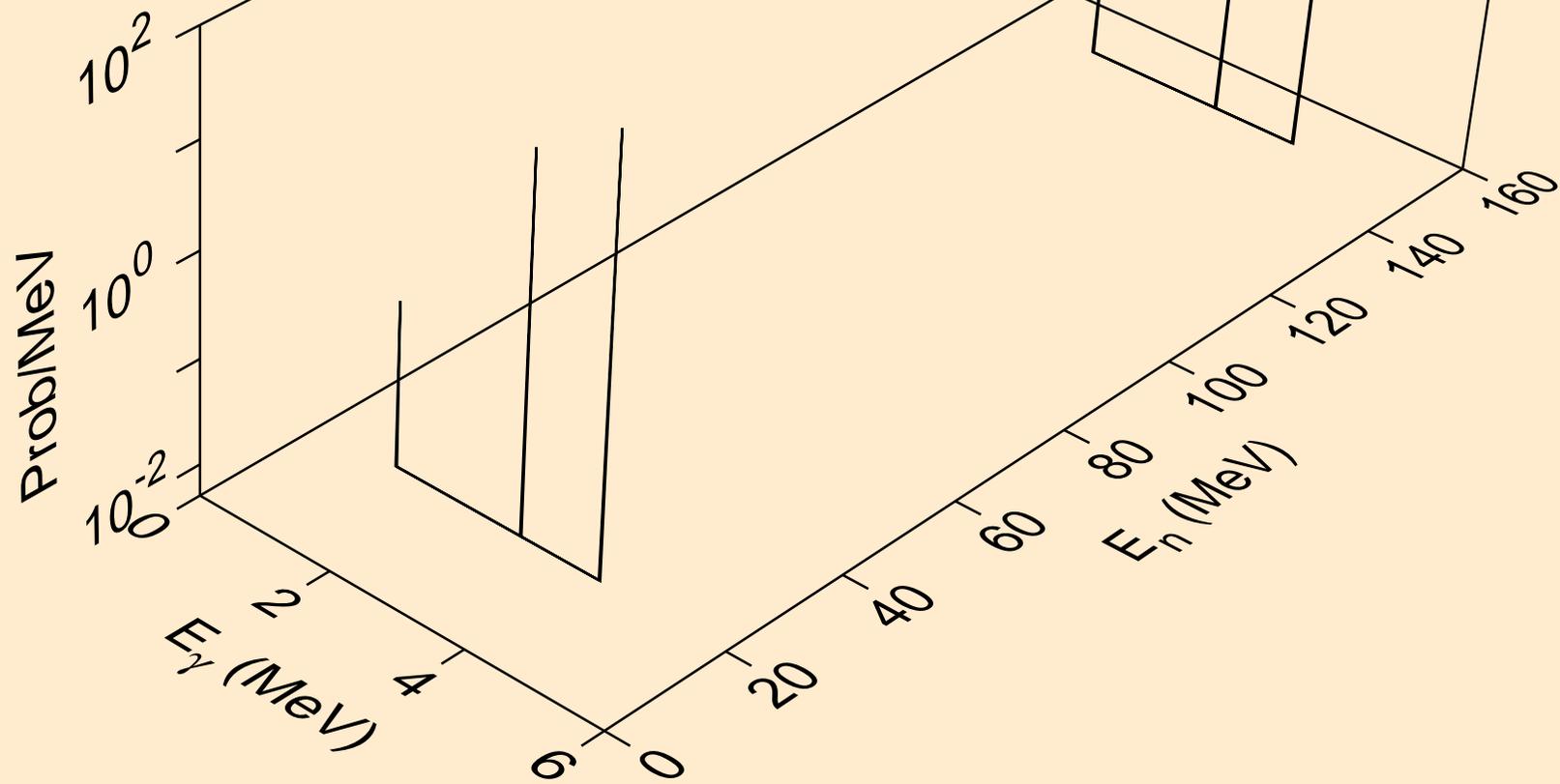
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*18)



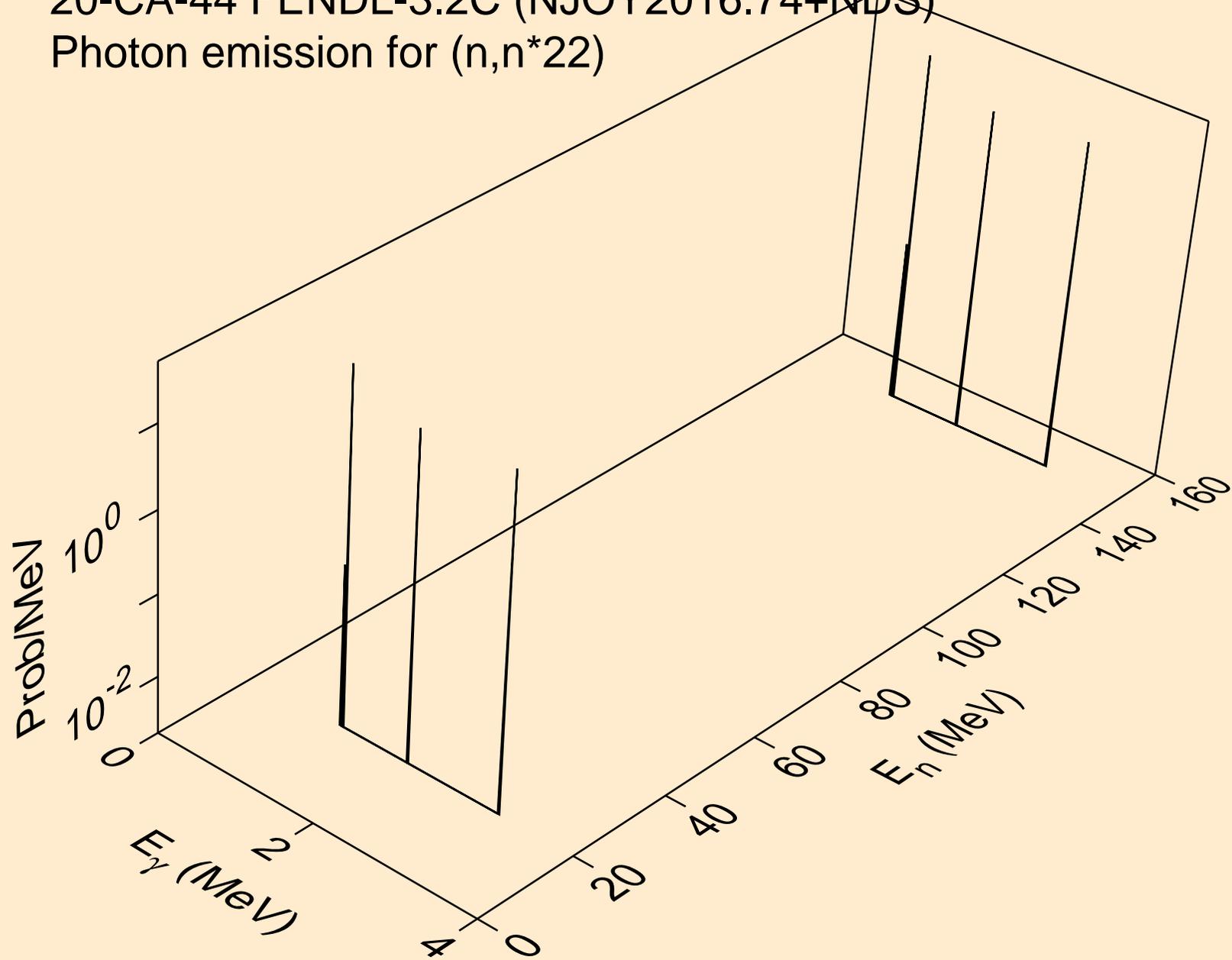
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*19)



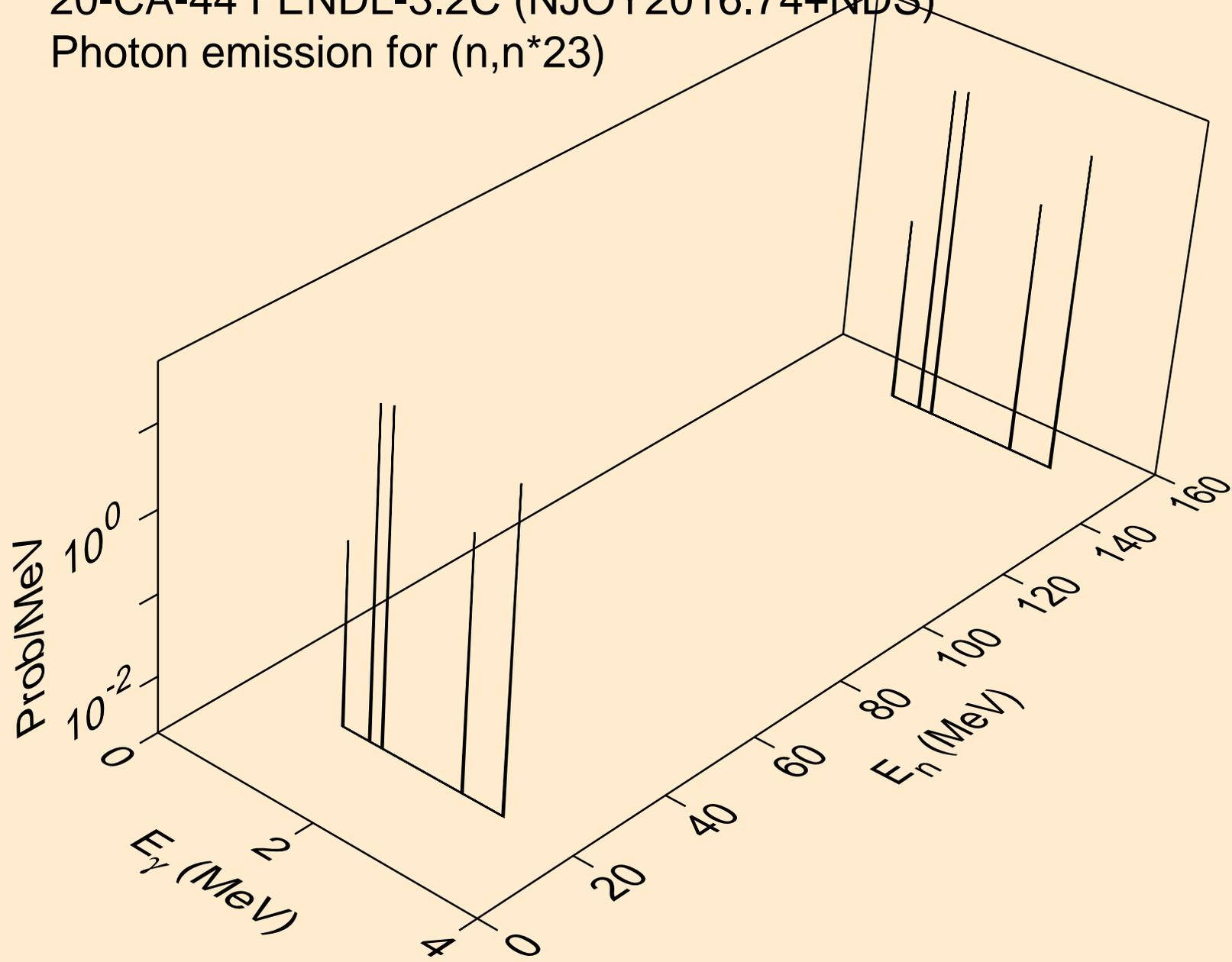
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*21)



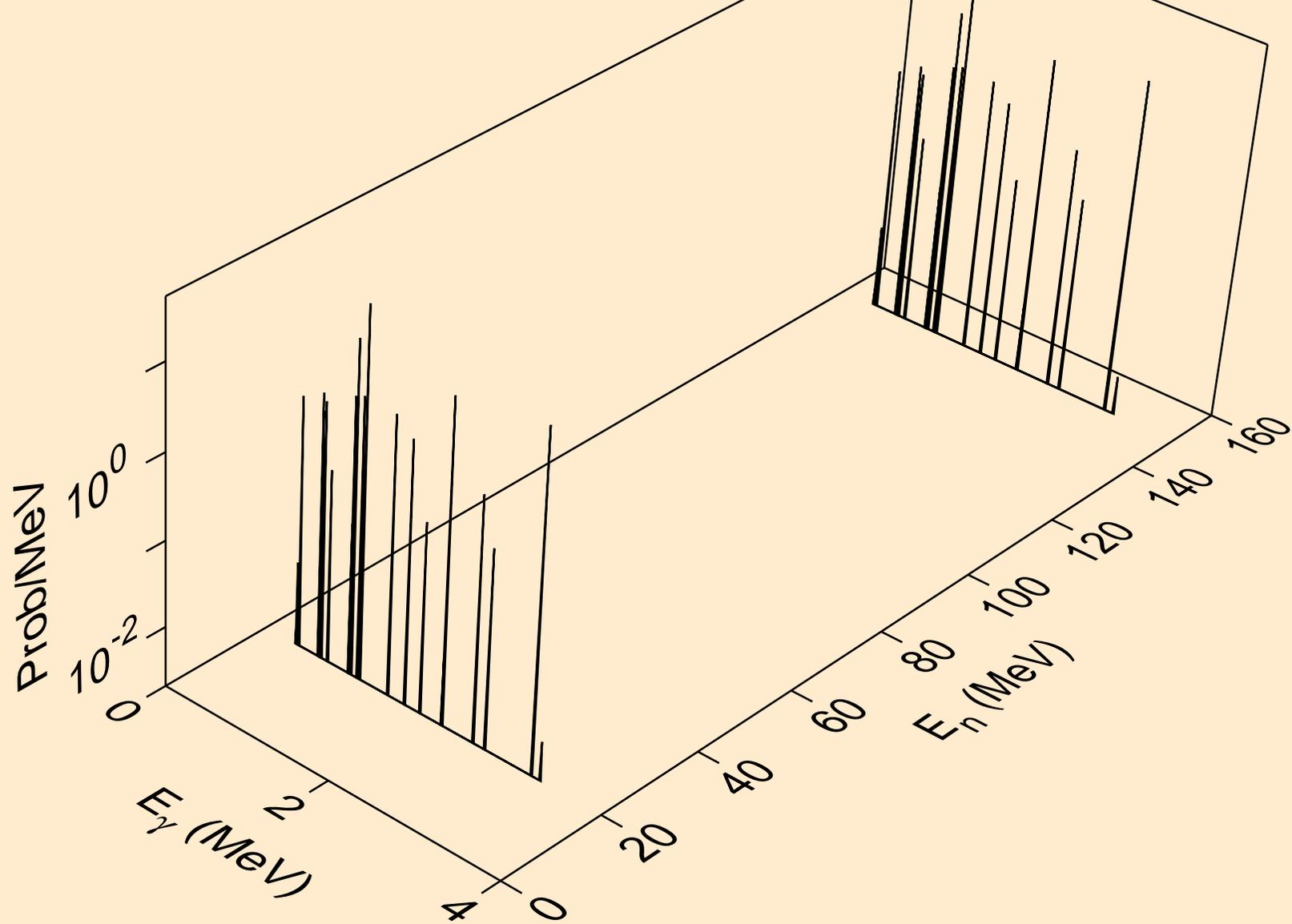
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*22)



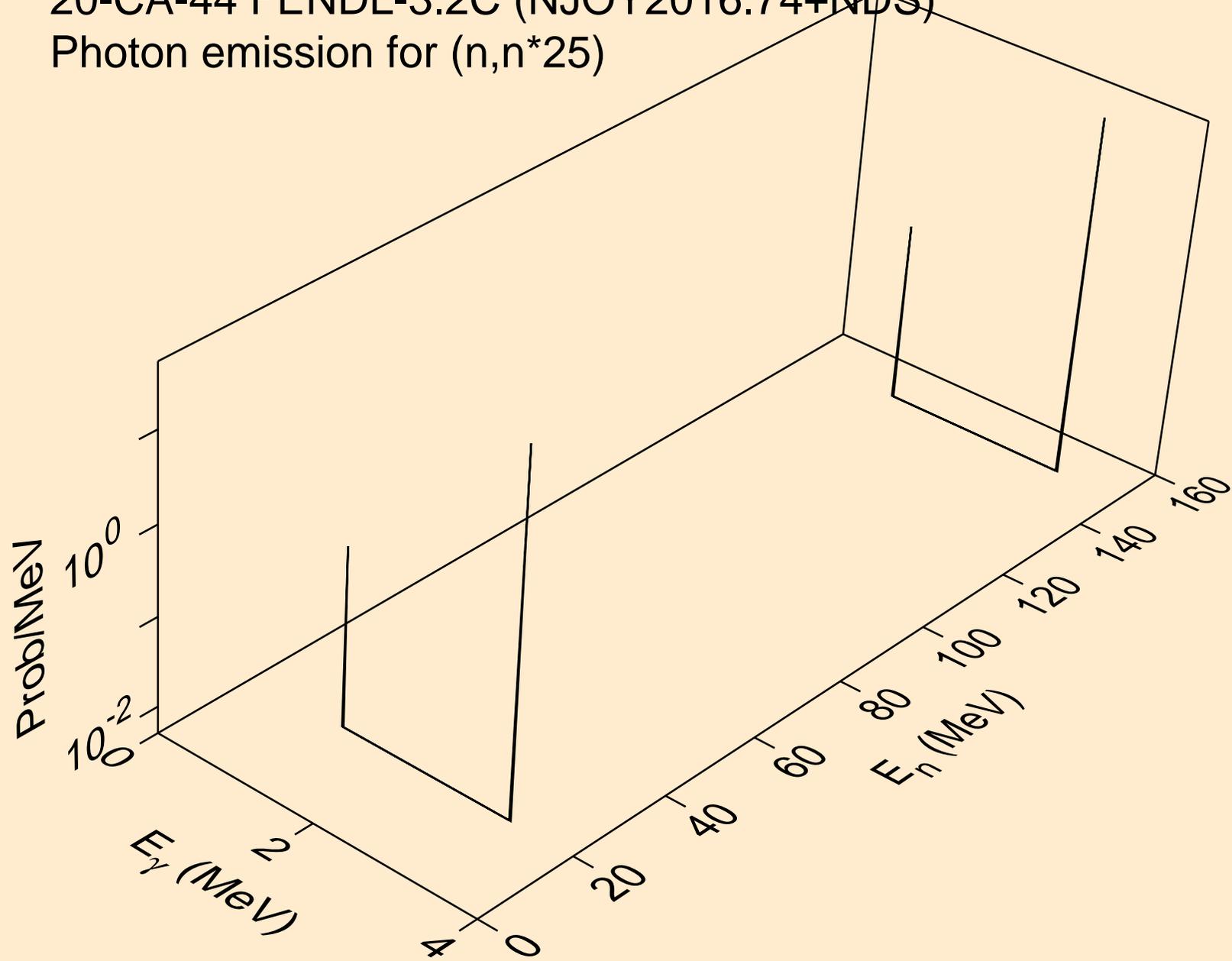
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*23)



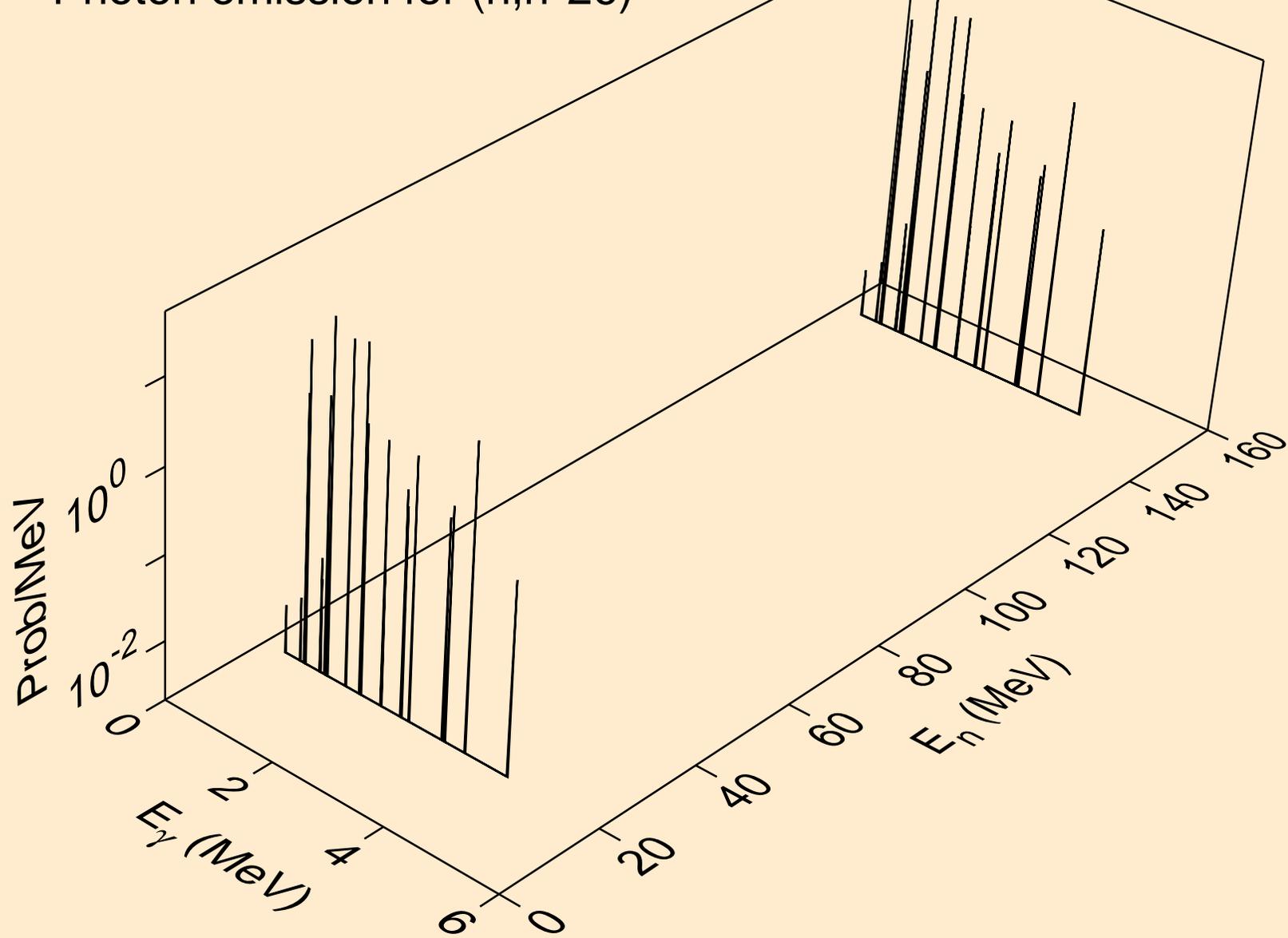
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*24)



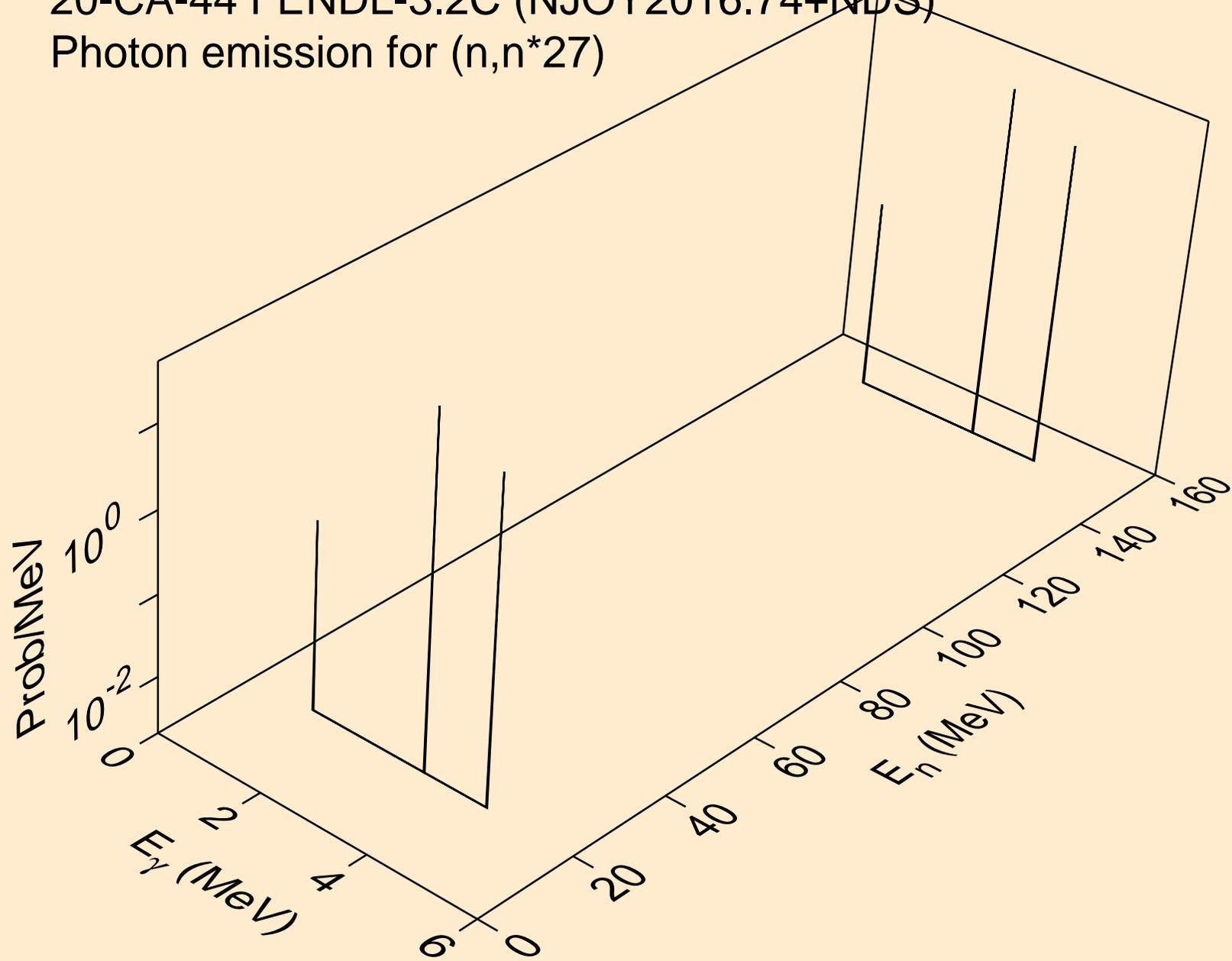
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*25)



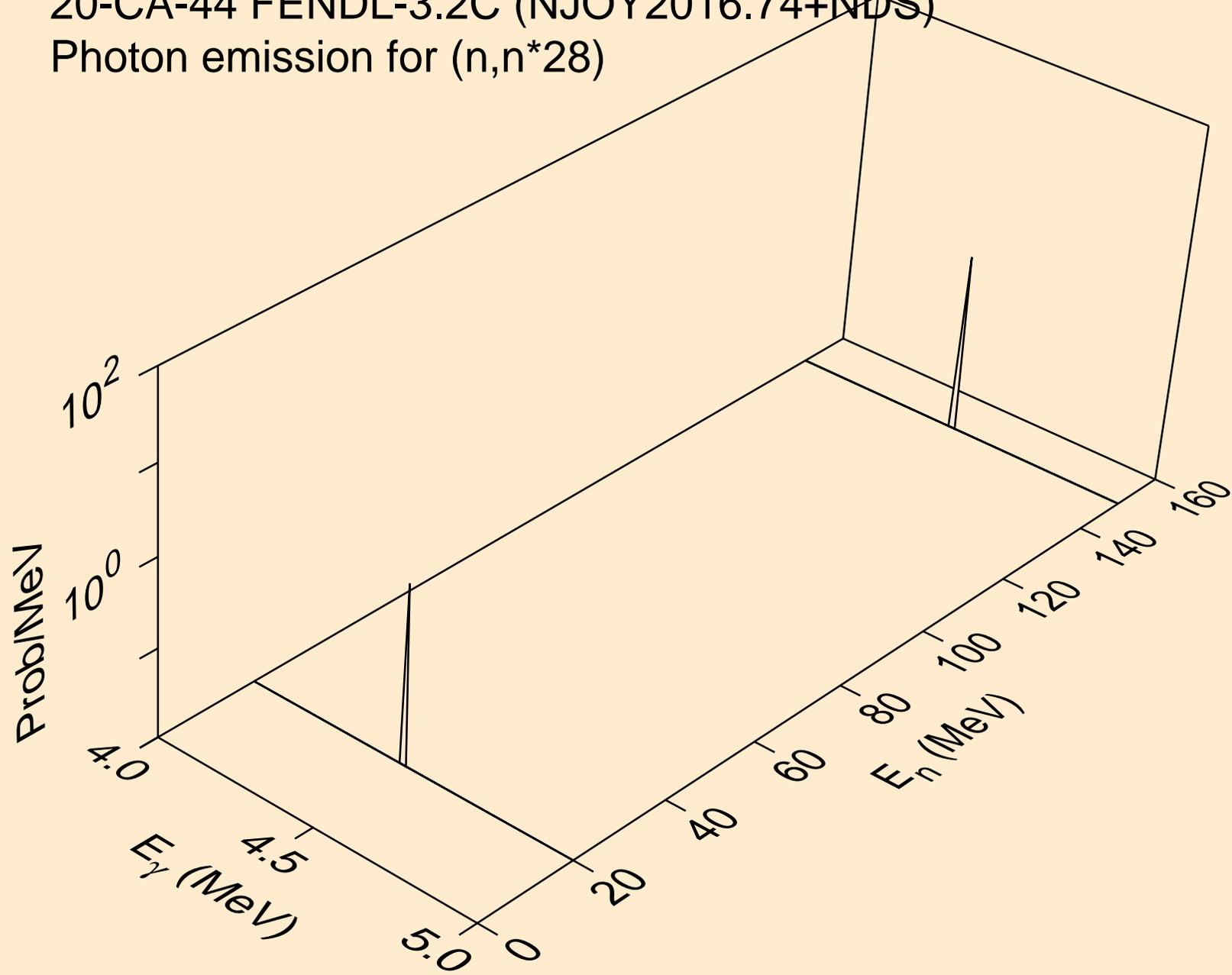
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*26)



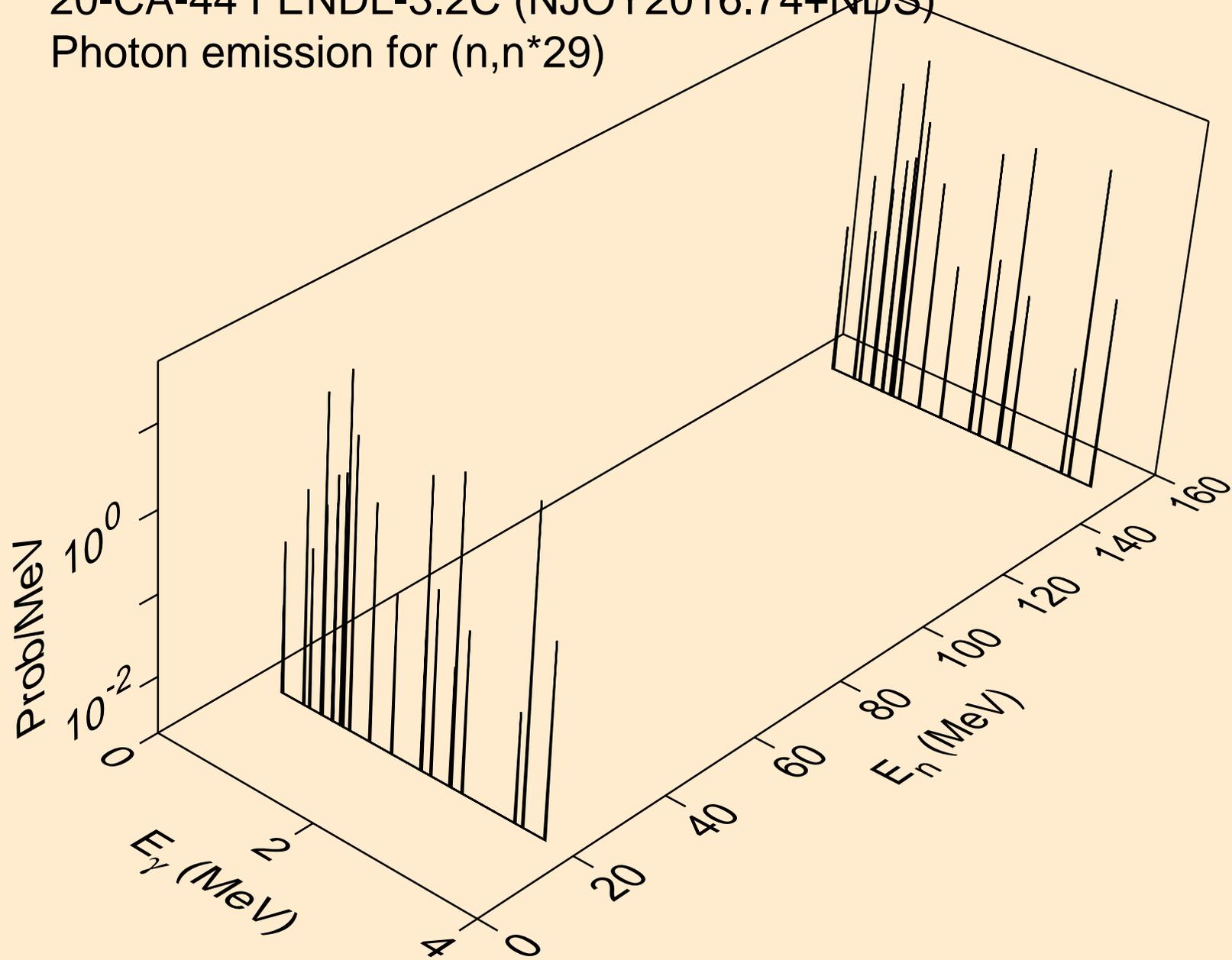
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*27)



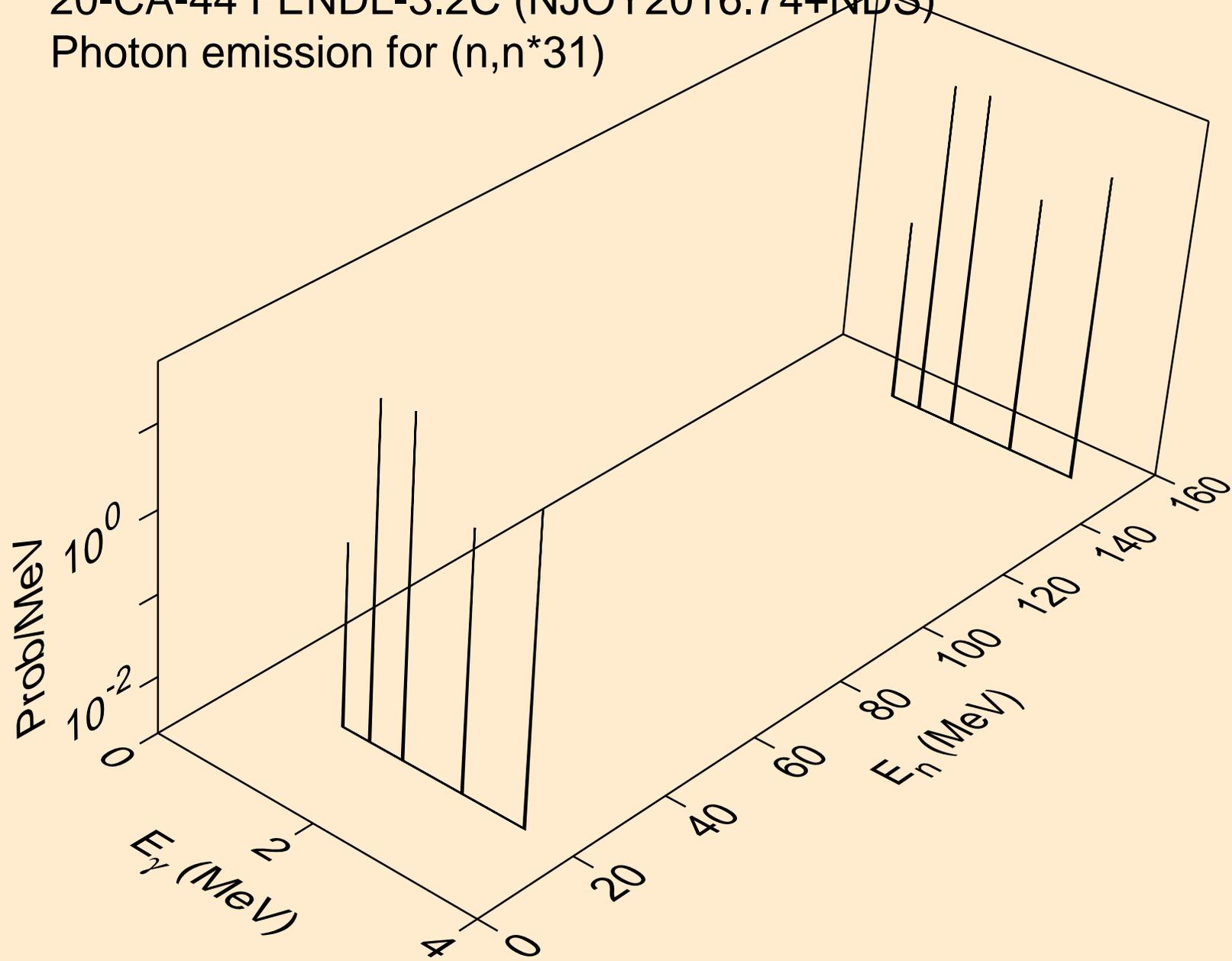
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*28)



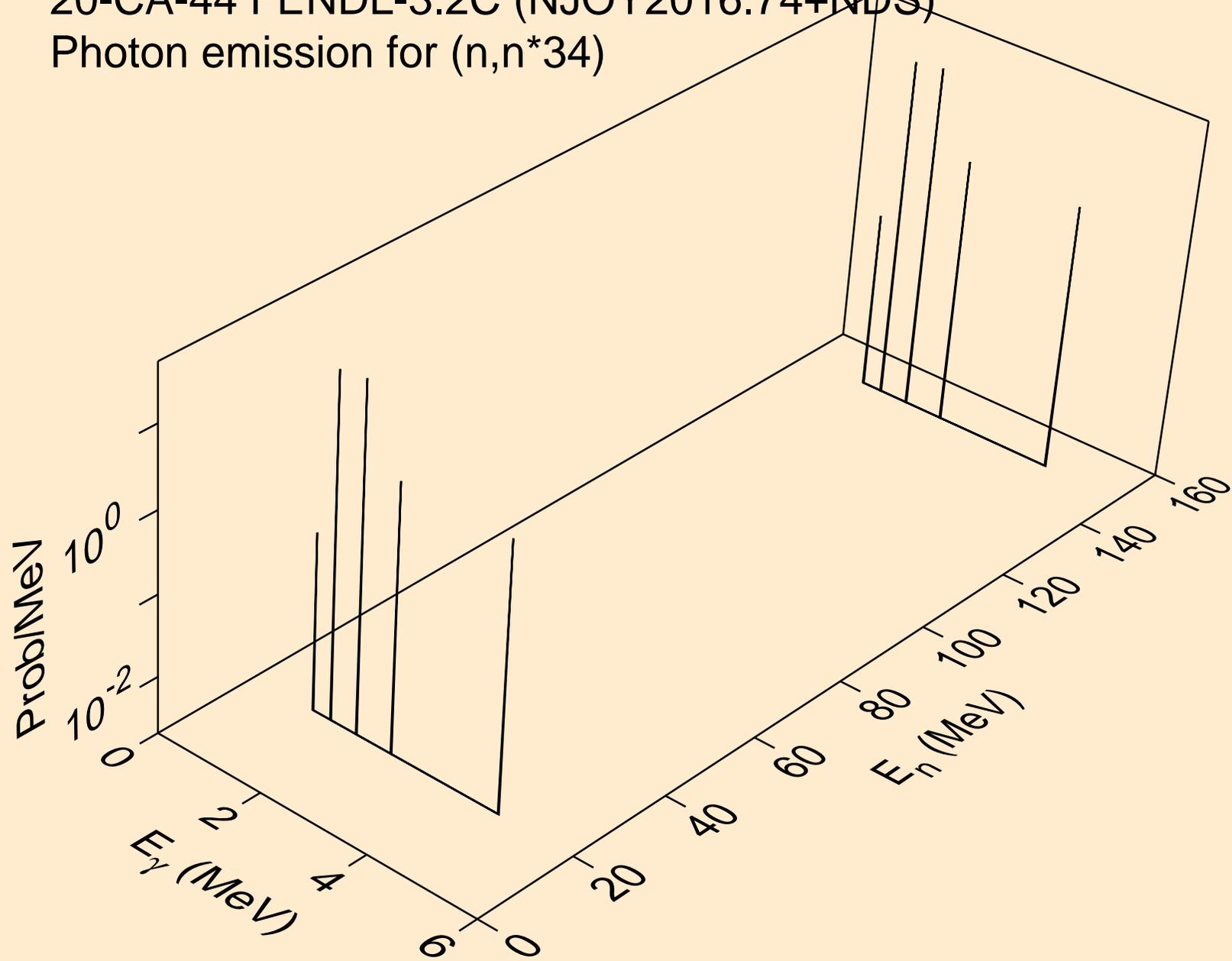
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*29)



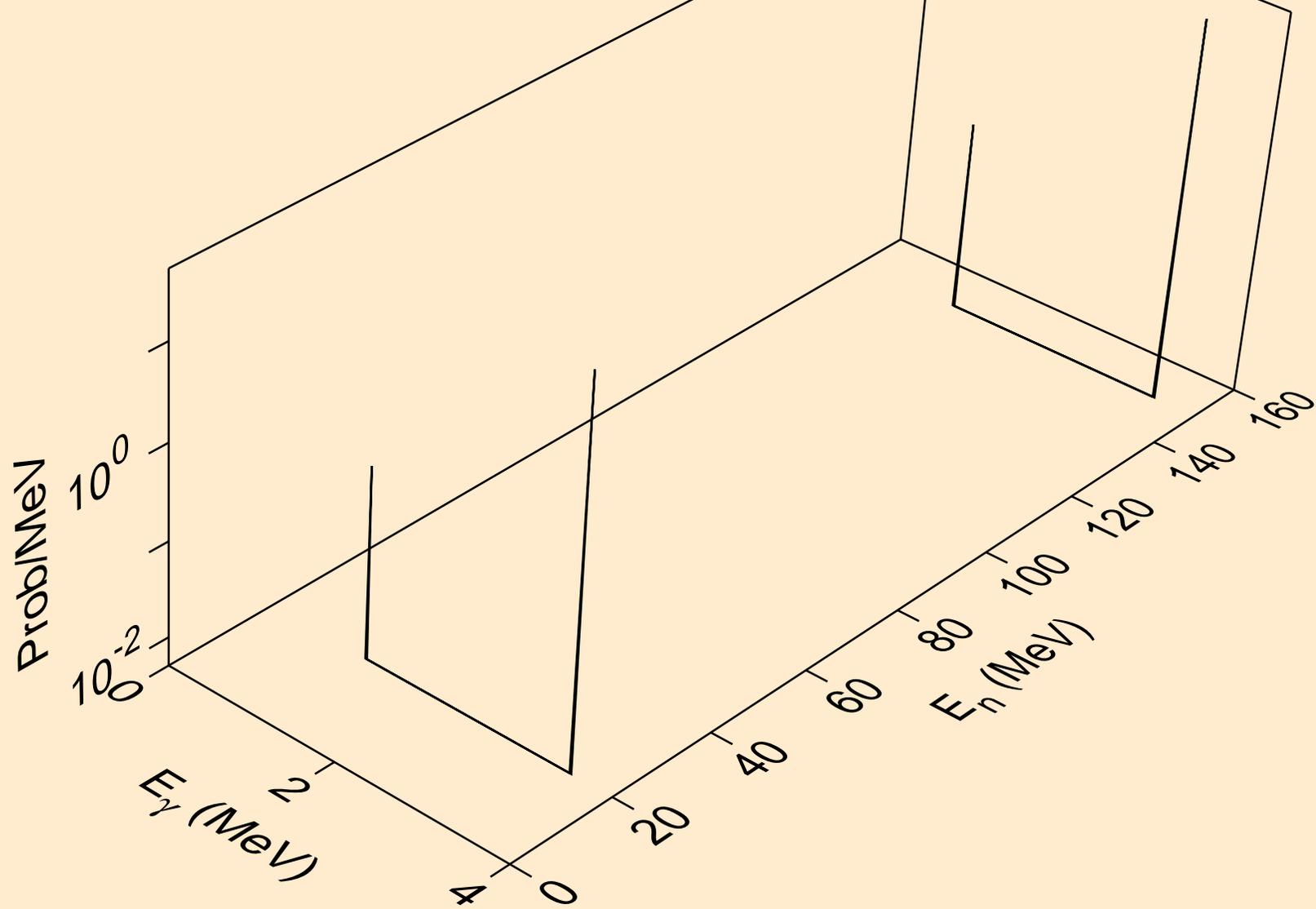
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*31)



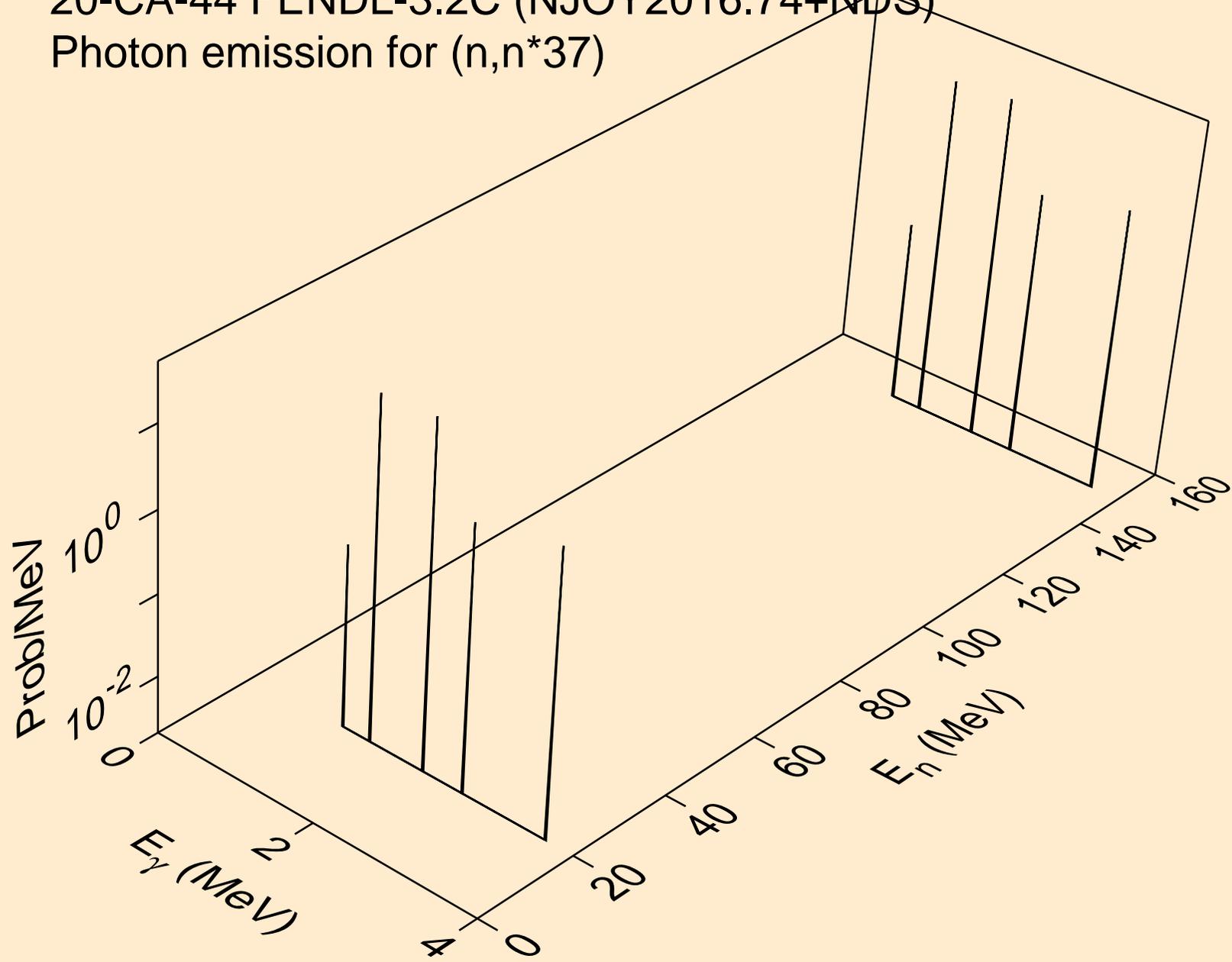
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*34)



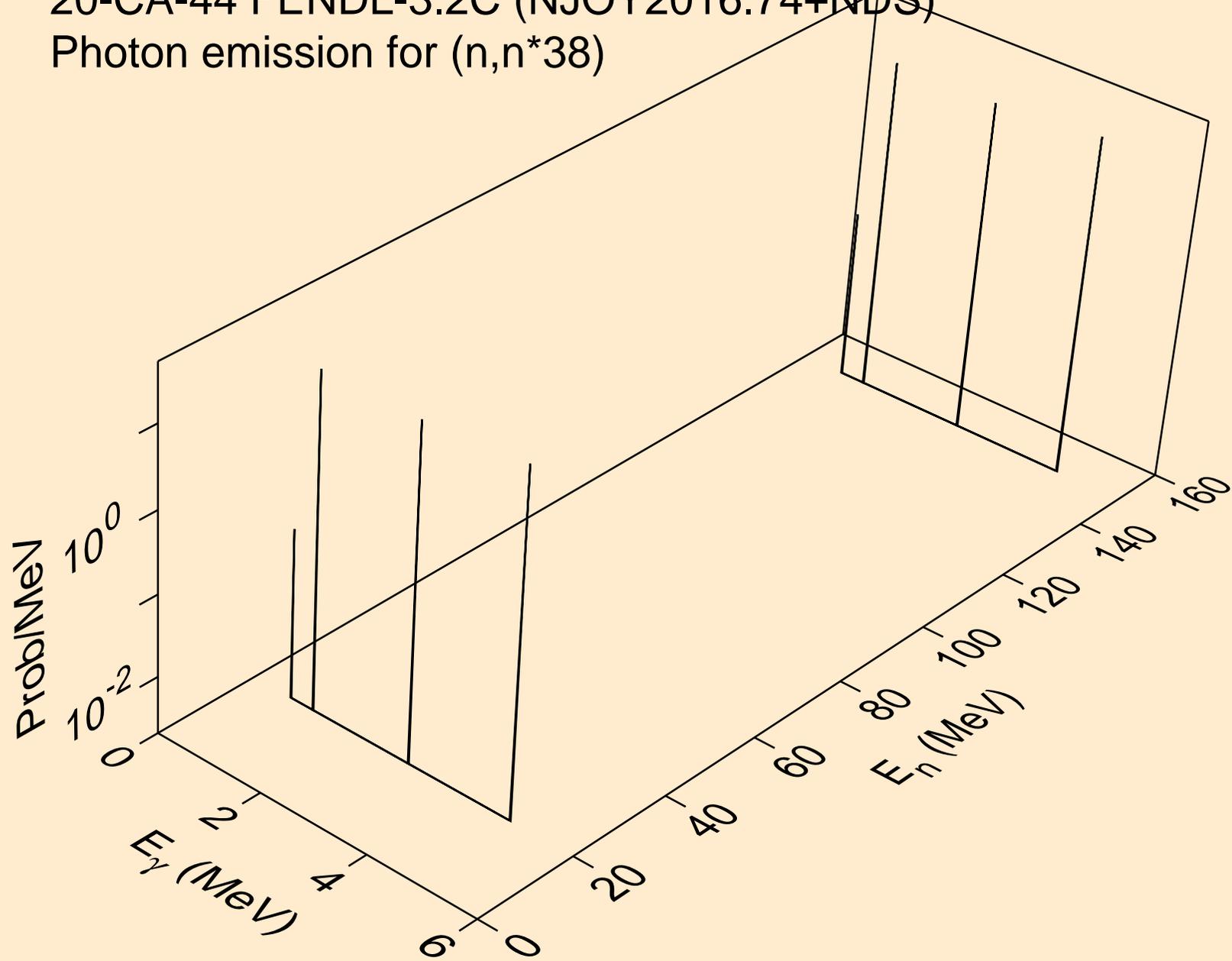
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*35)



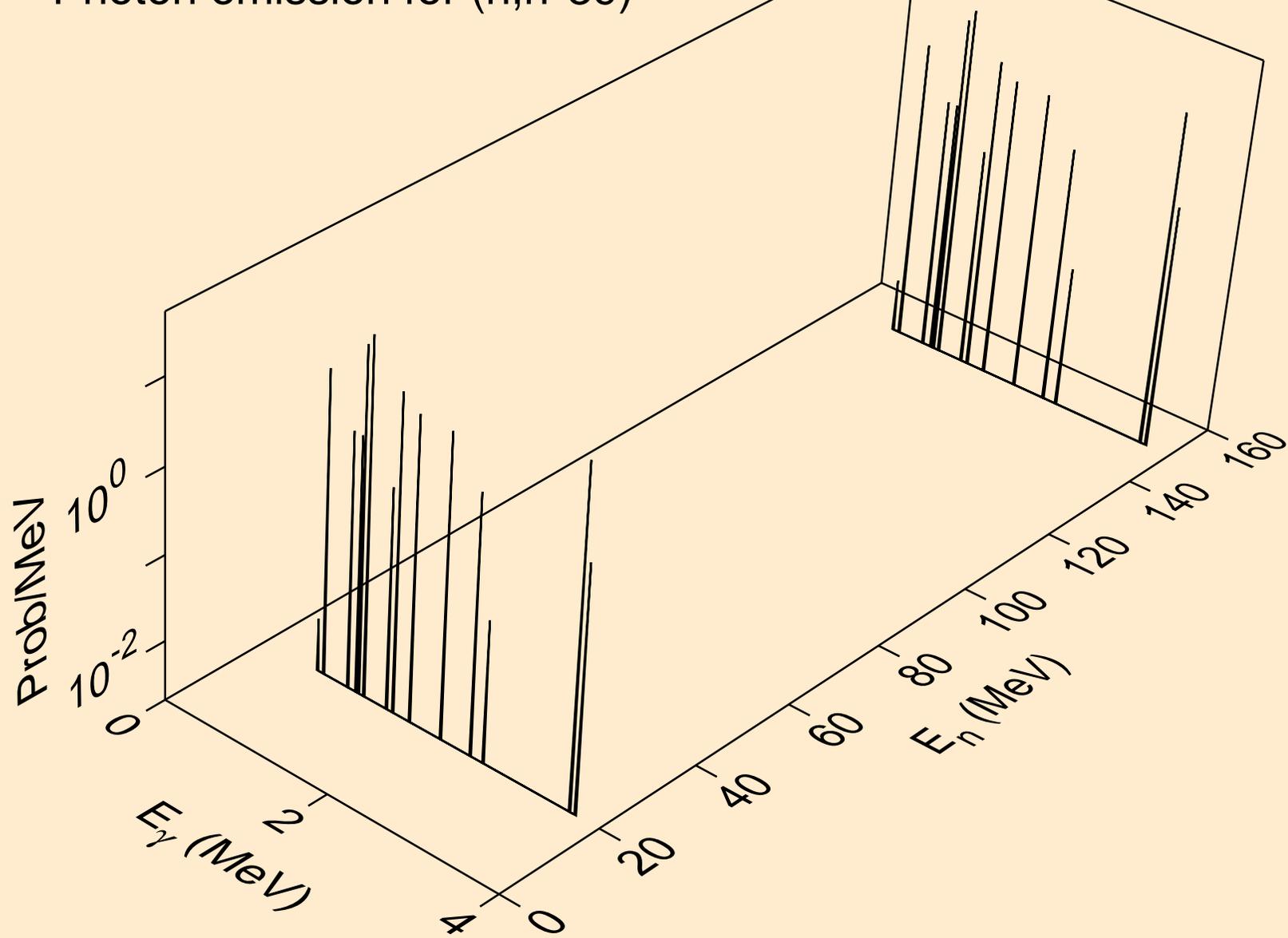
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*37)



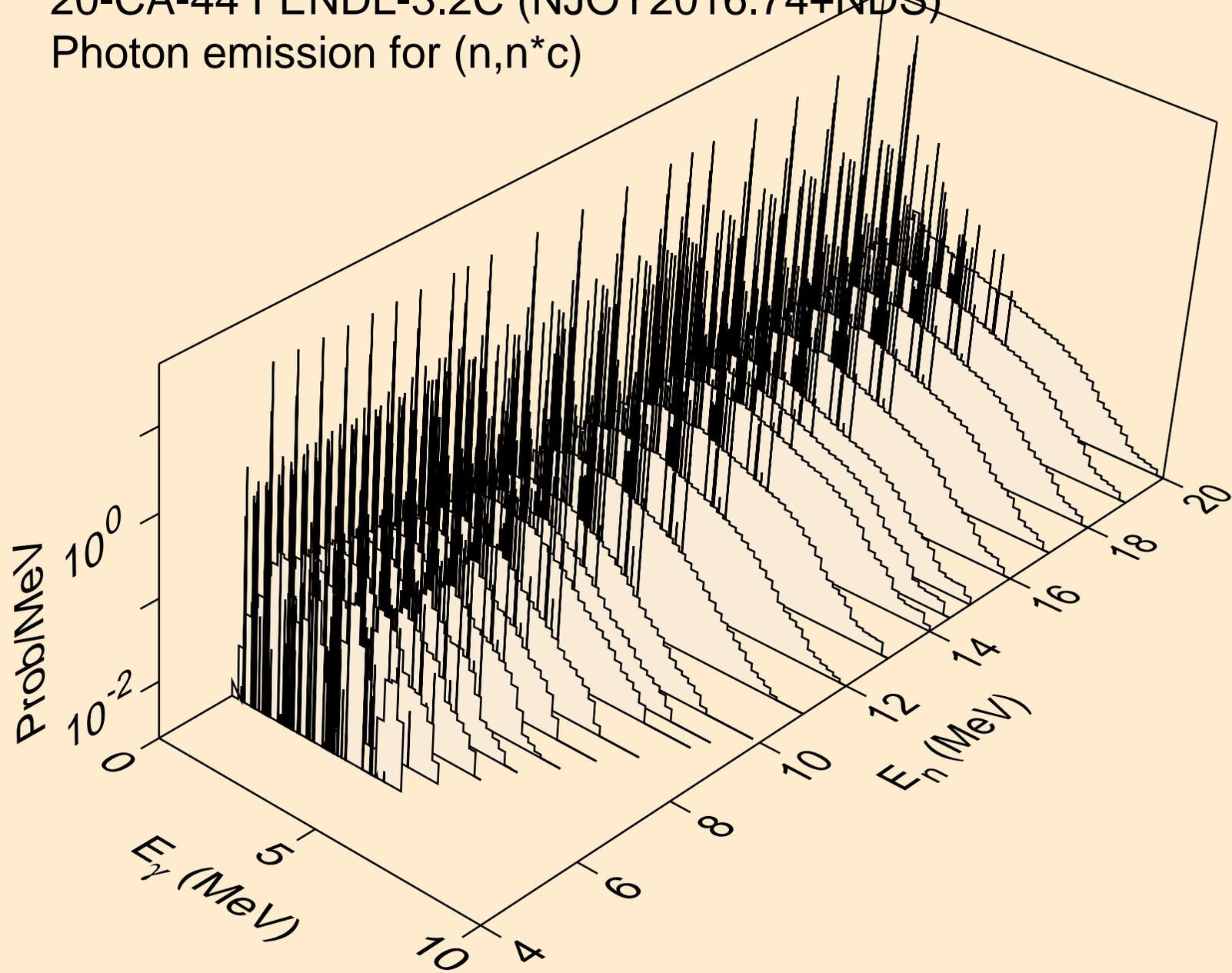
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*38)



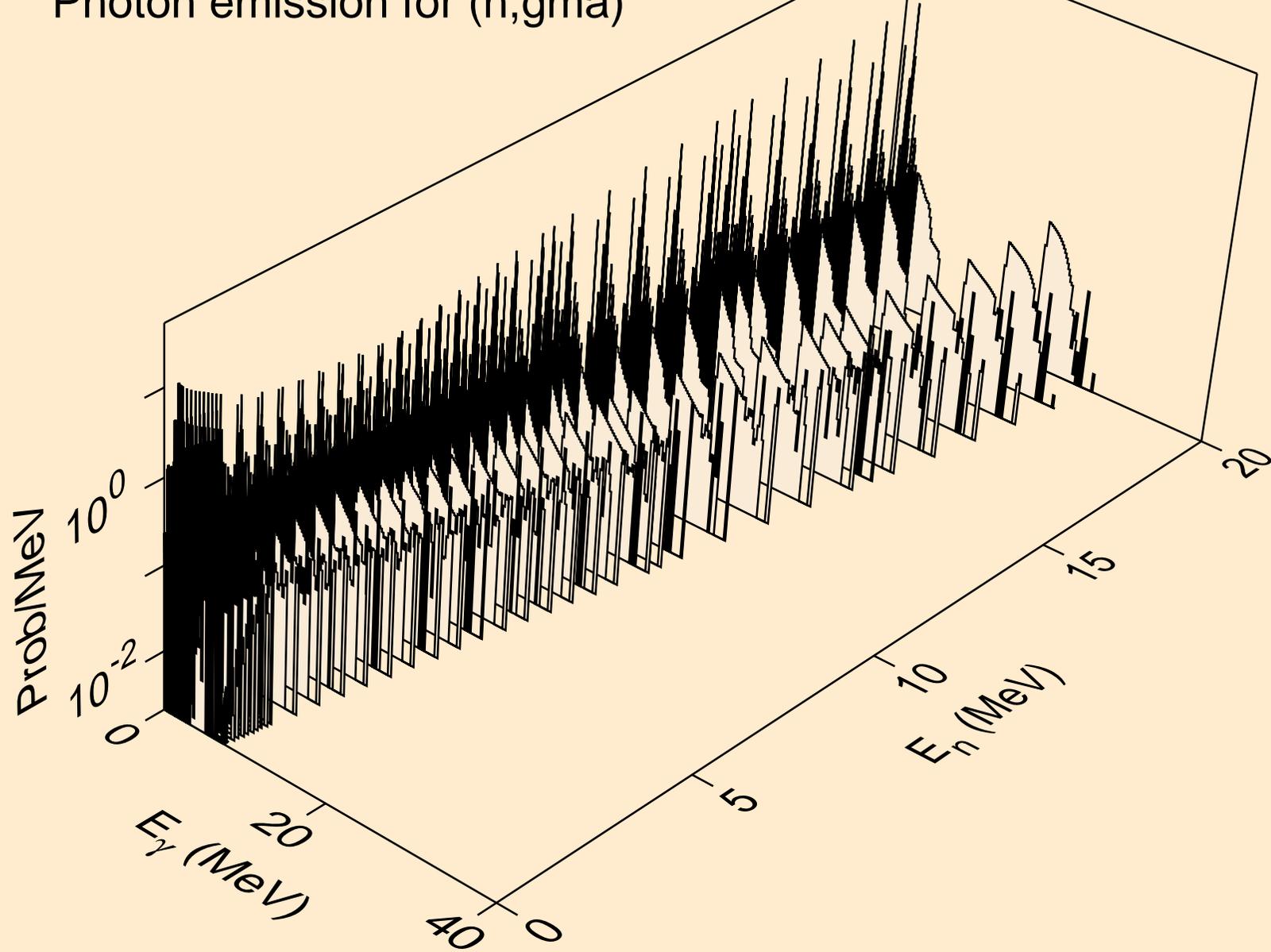
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*39)



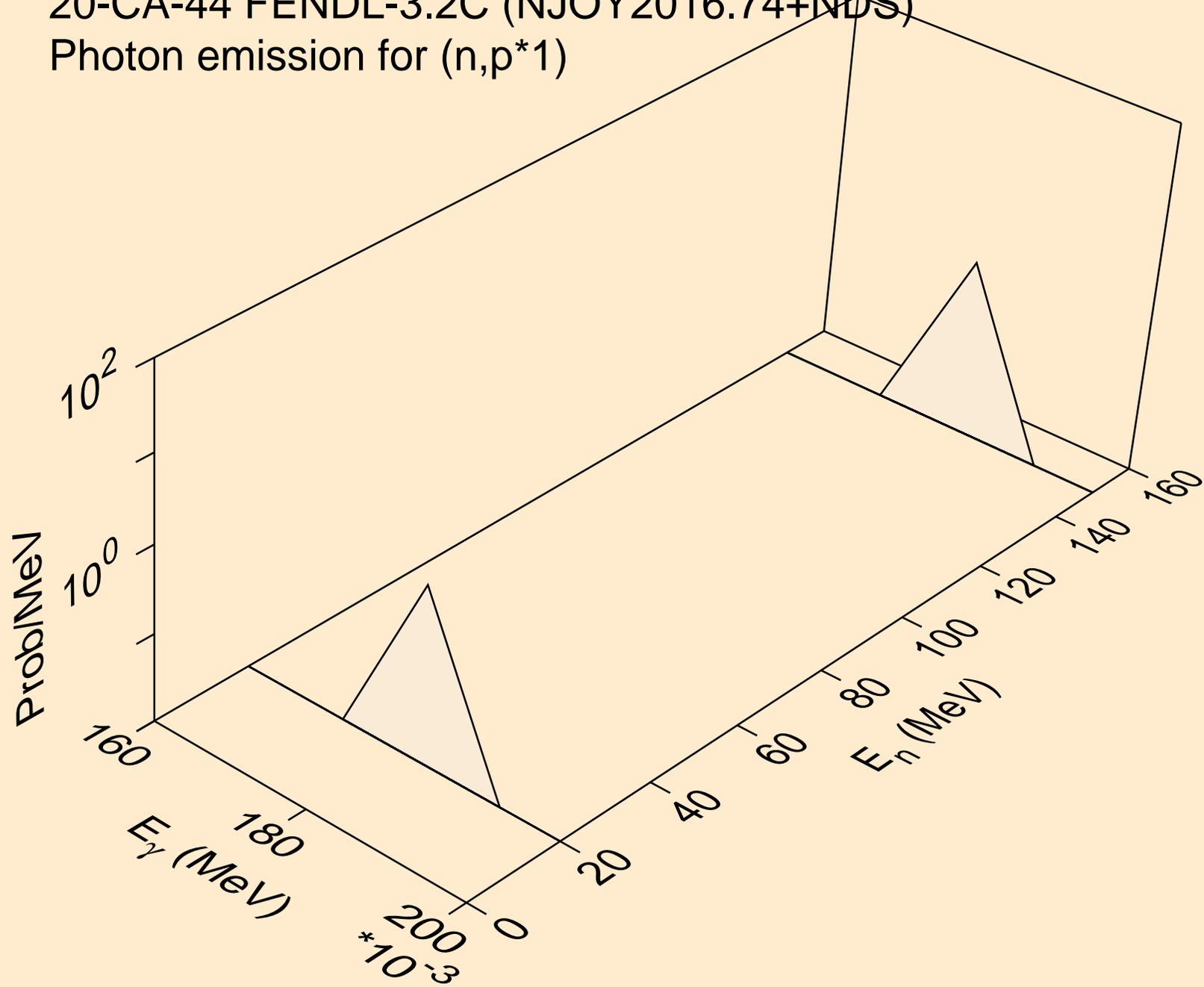
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,n\*c)



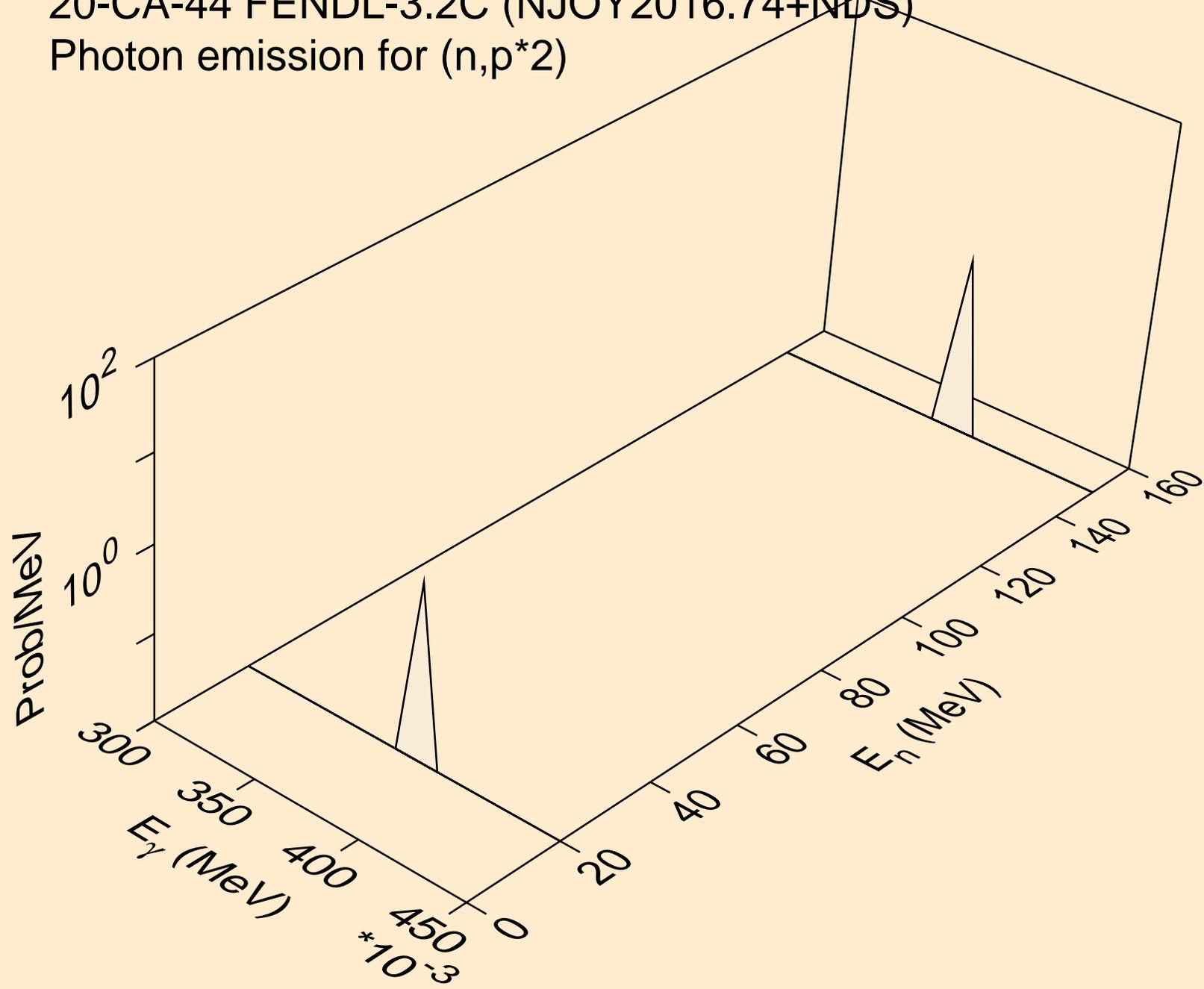
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,gma)



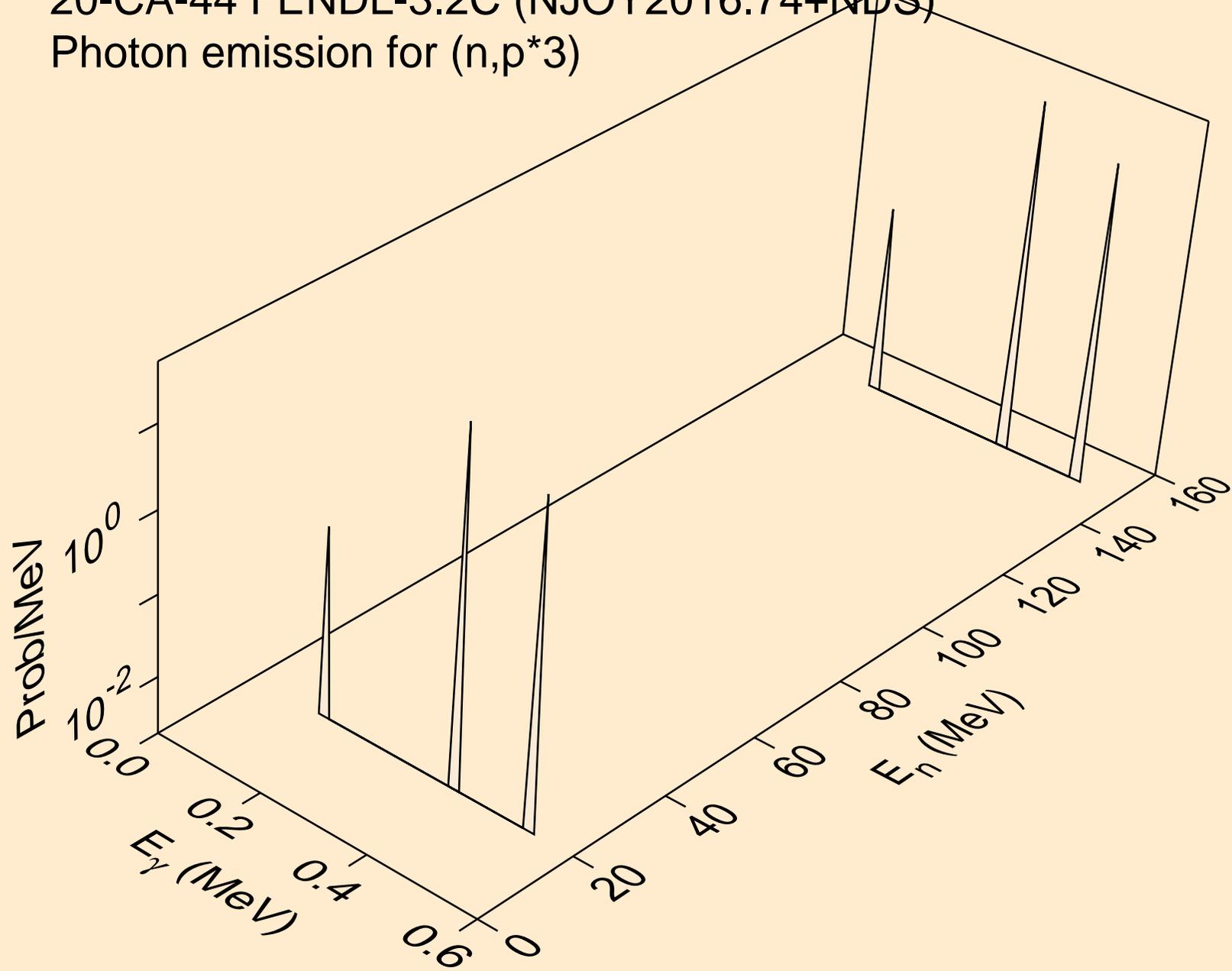
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,p\*1)



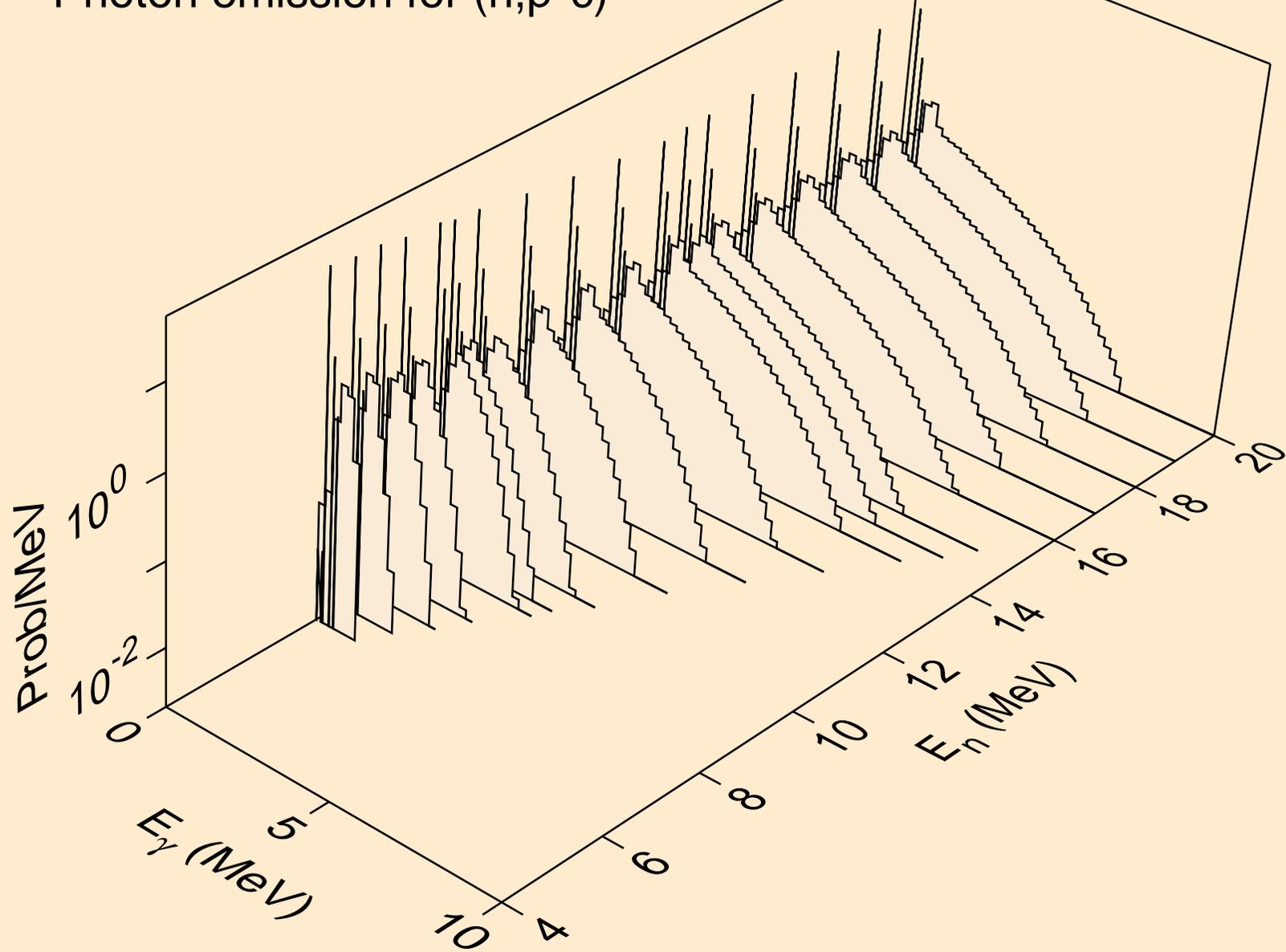
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,p\*2)



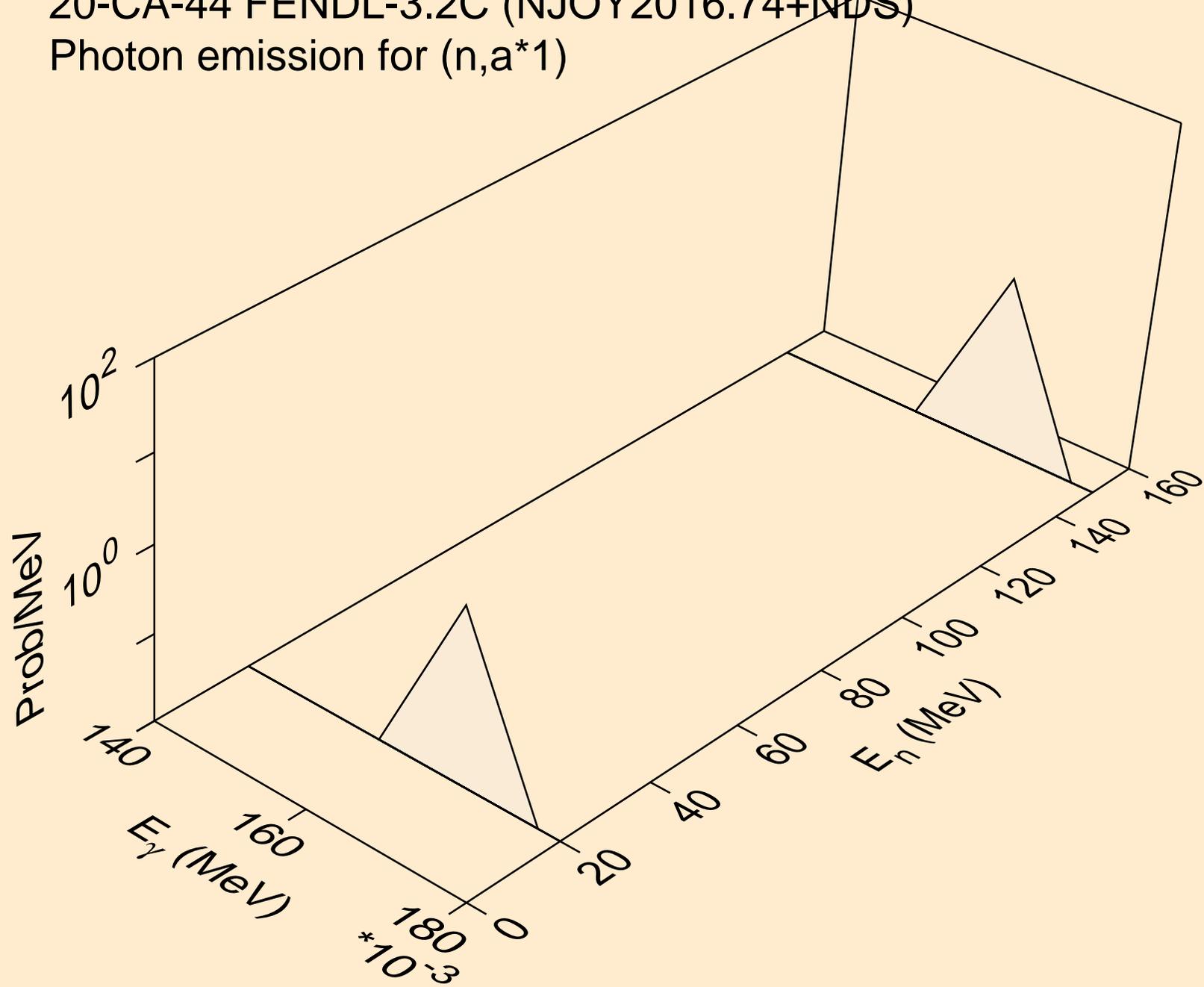
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,p\*3)



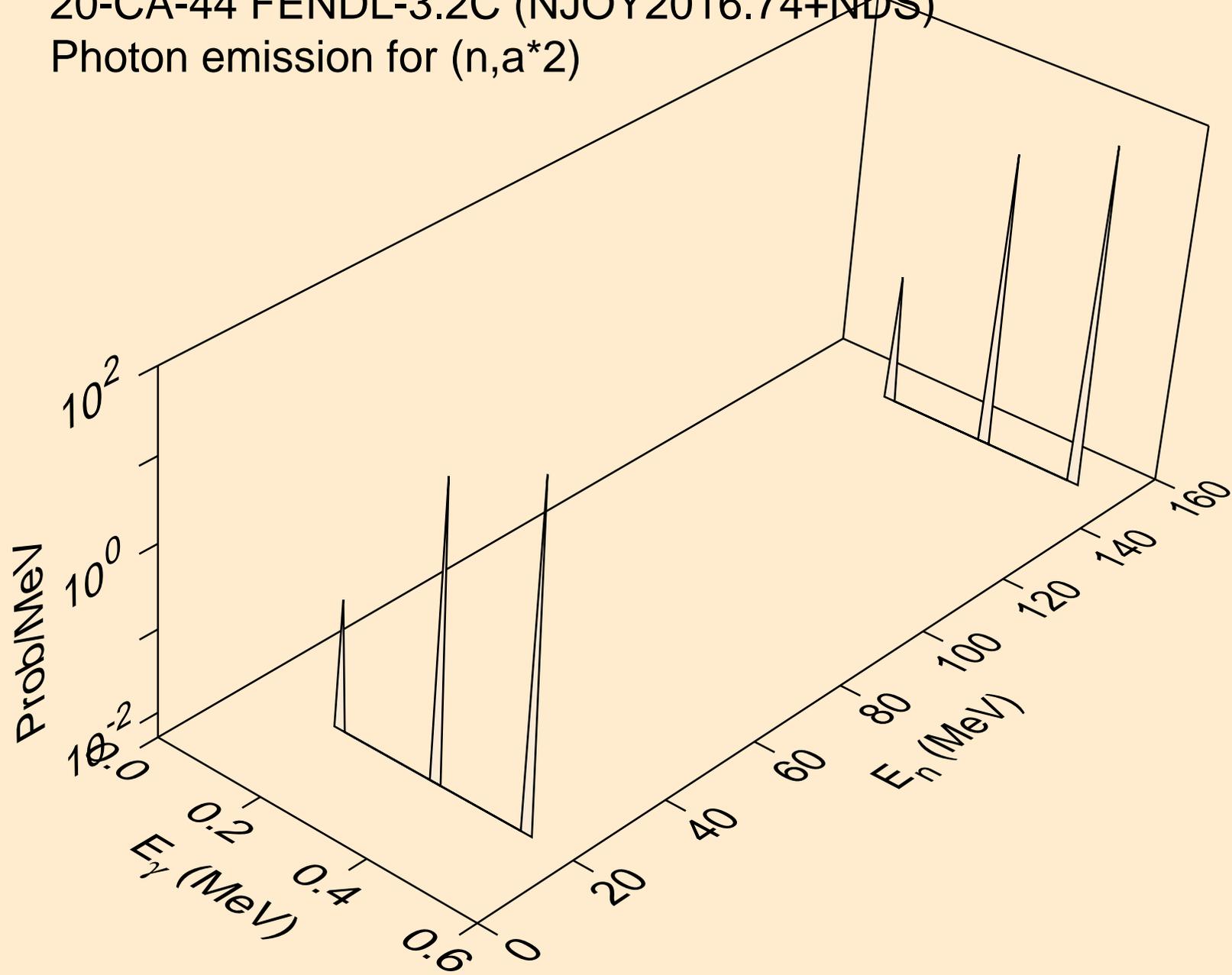
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,p\*c)



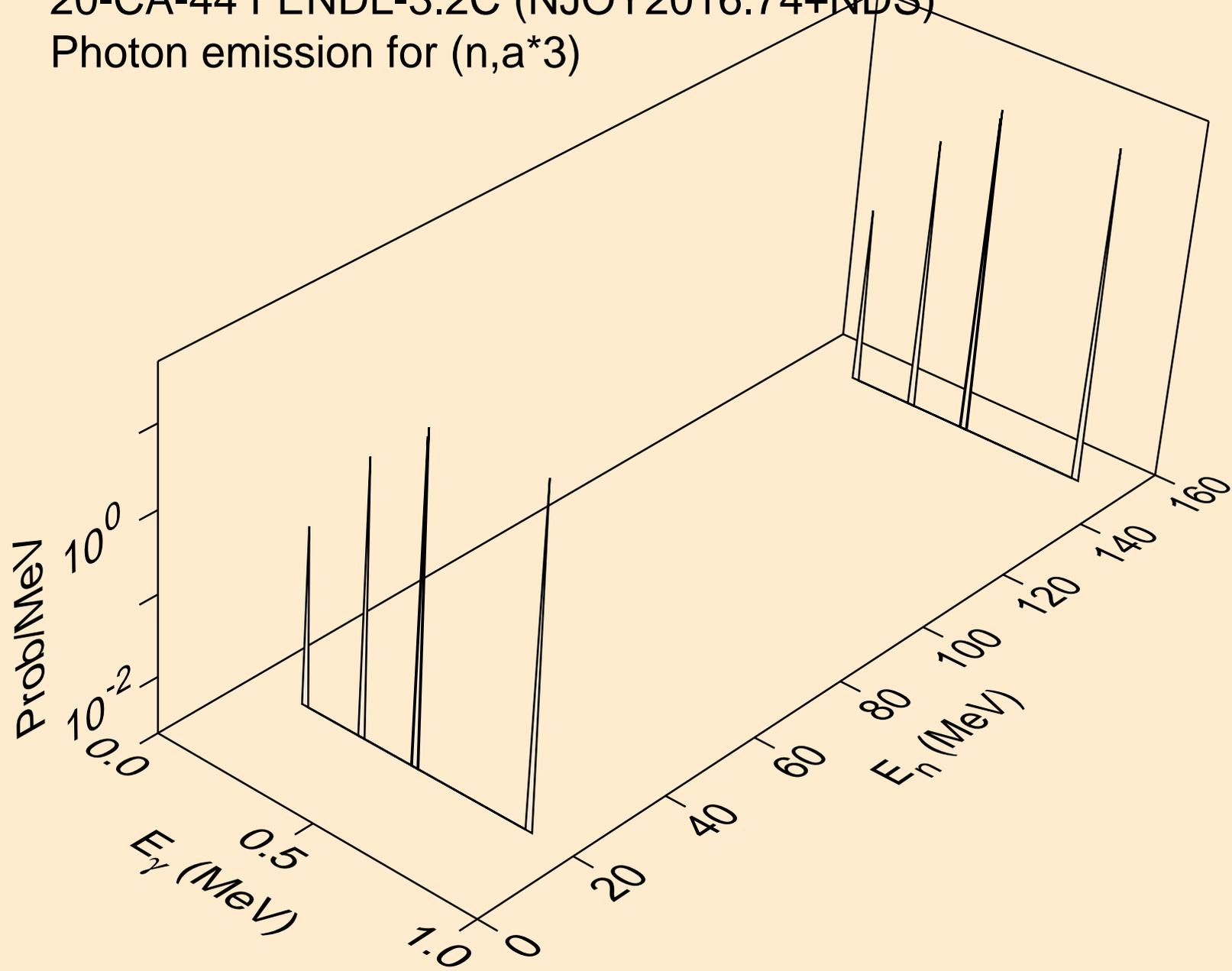
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*1)



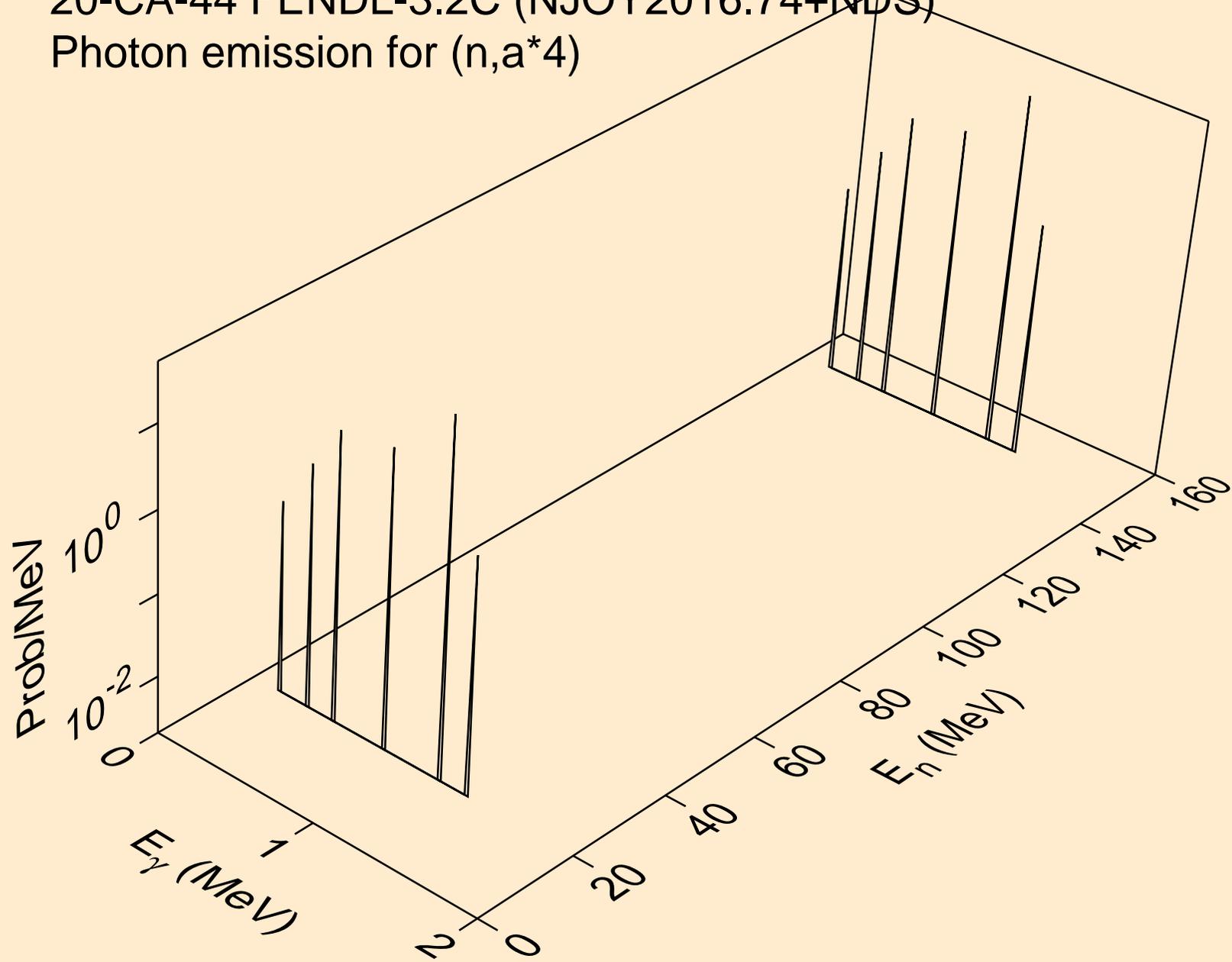
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Photon emission for (n,a\*2)



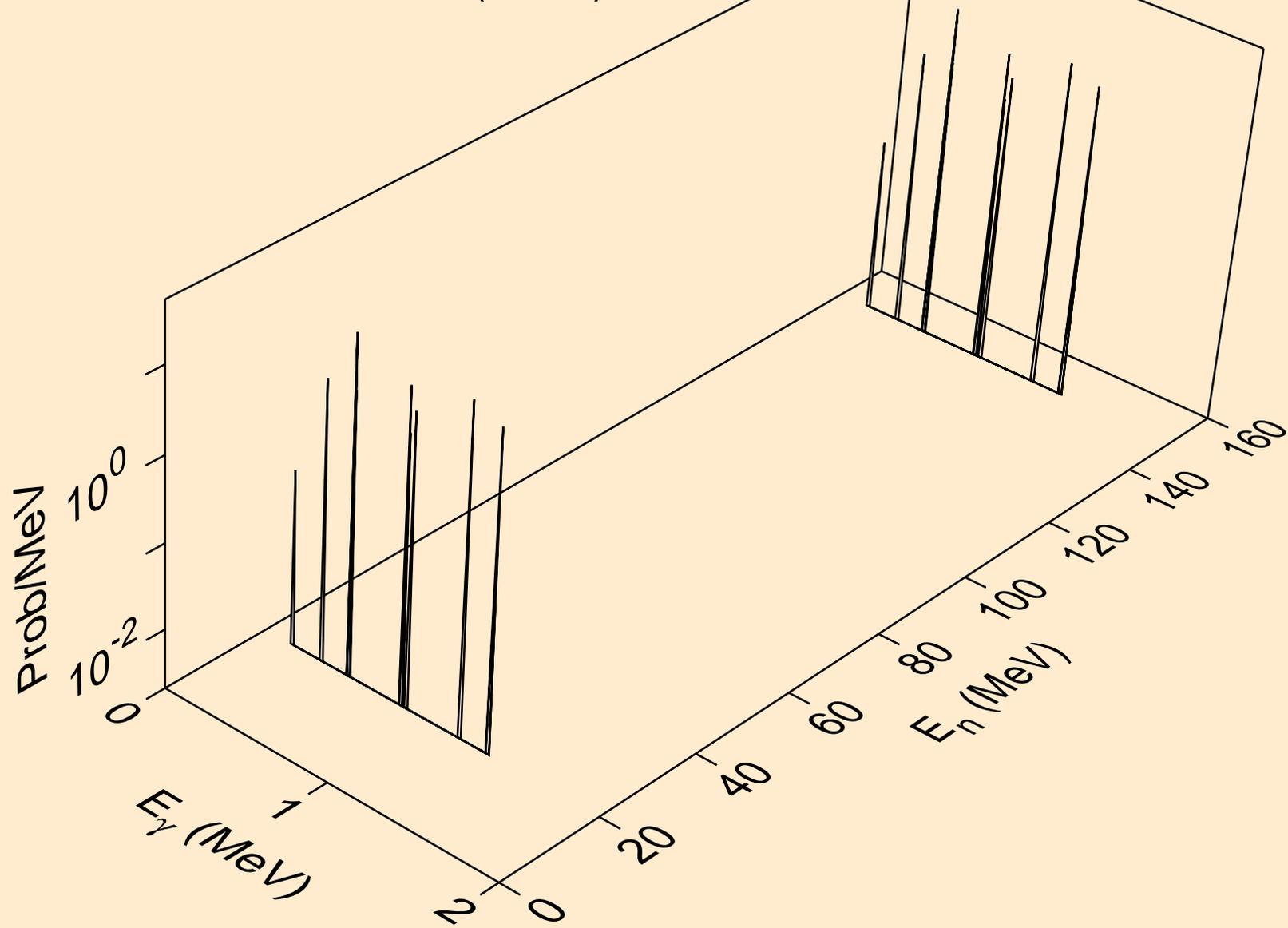
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*3)



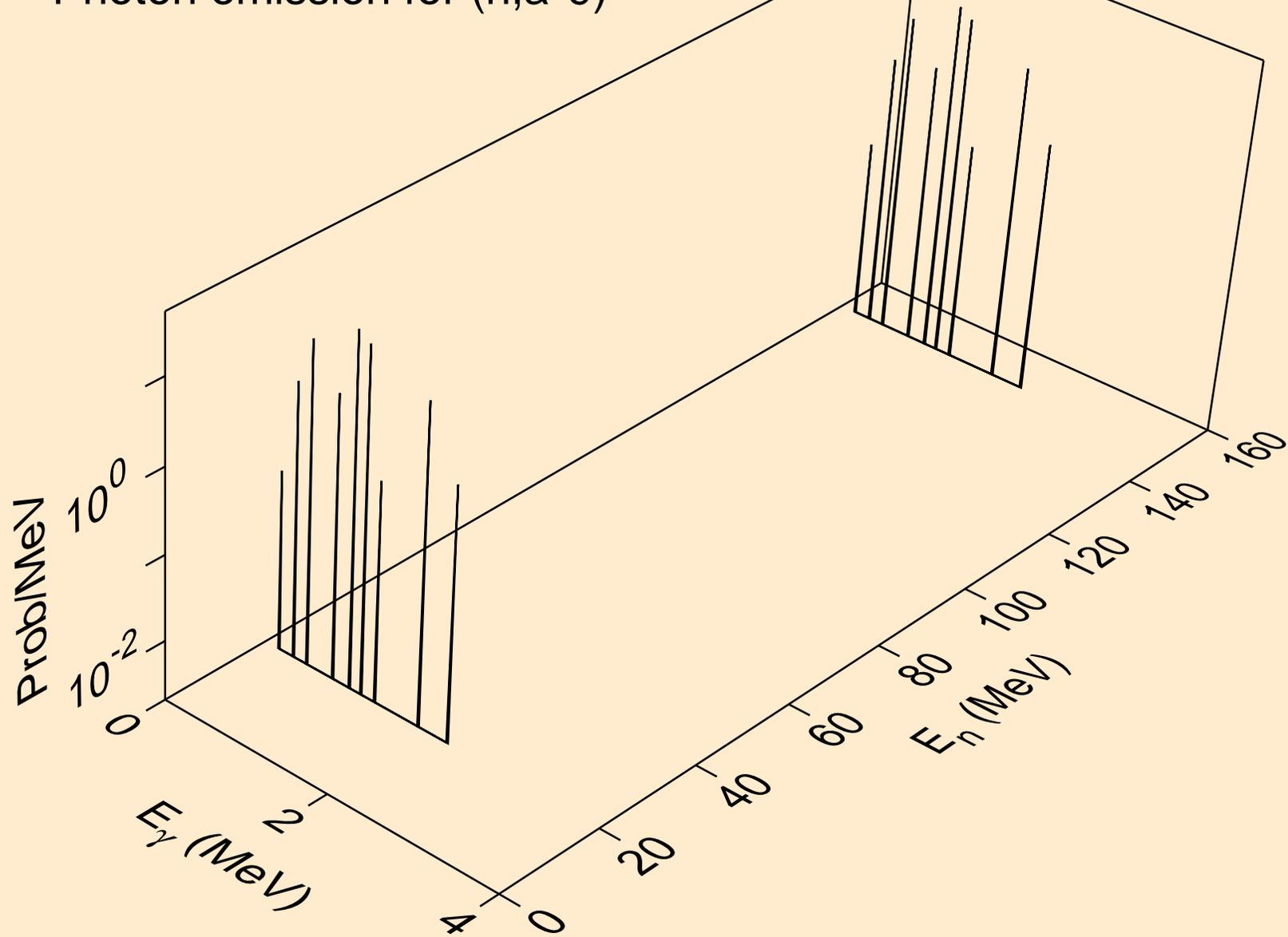
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*4)



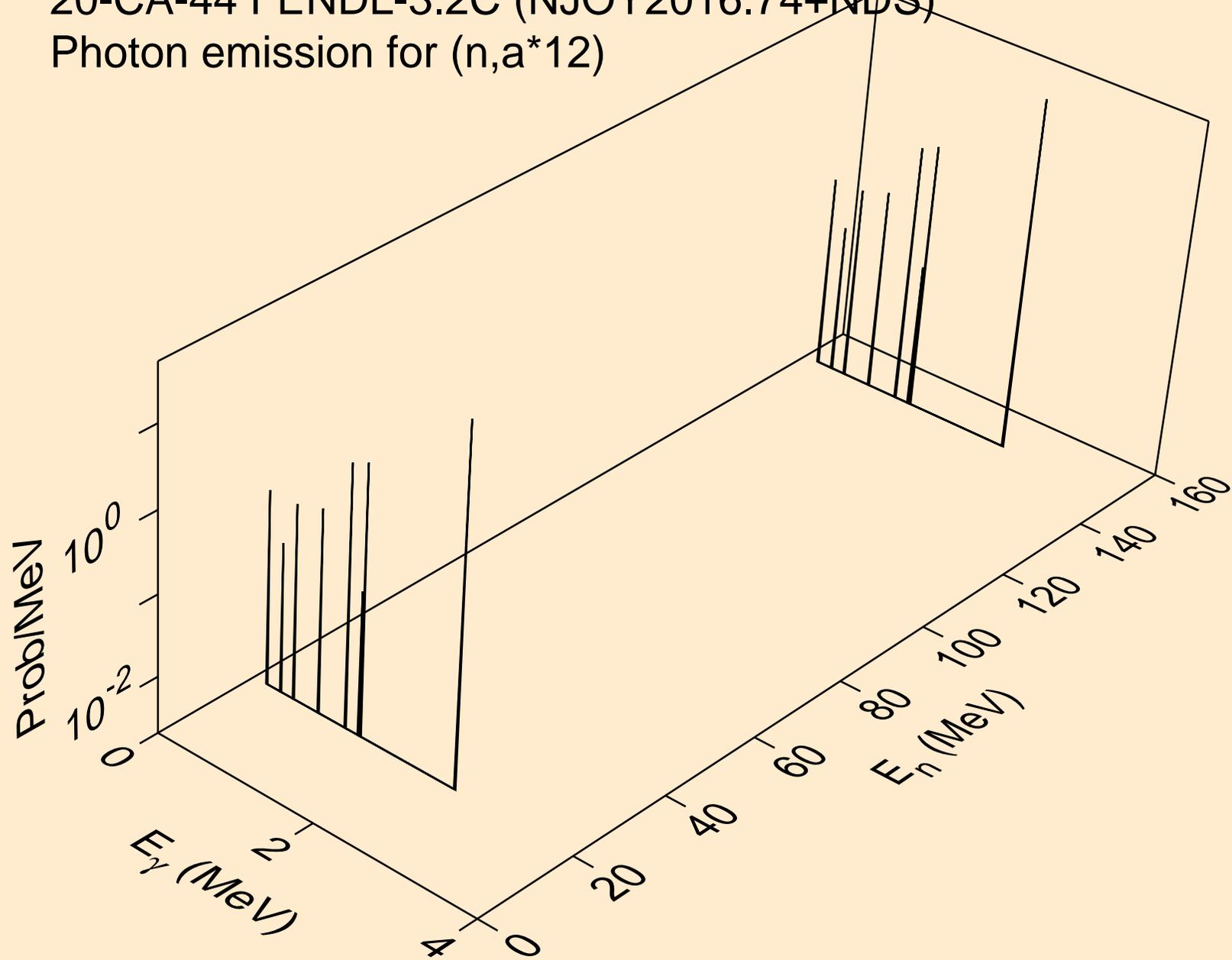
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*6)



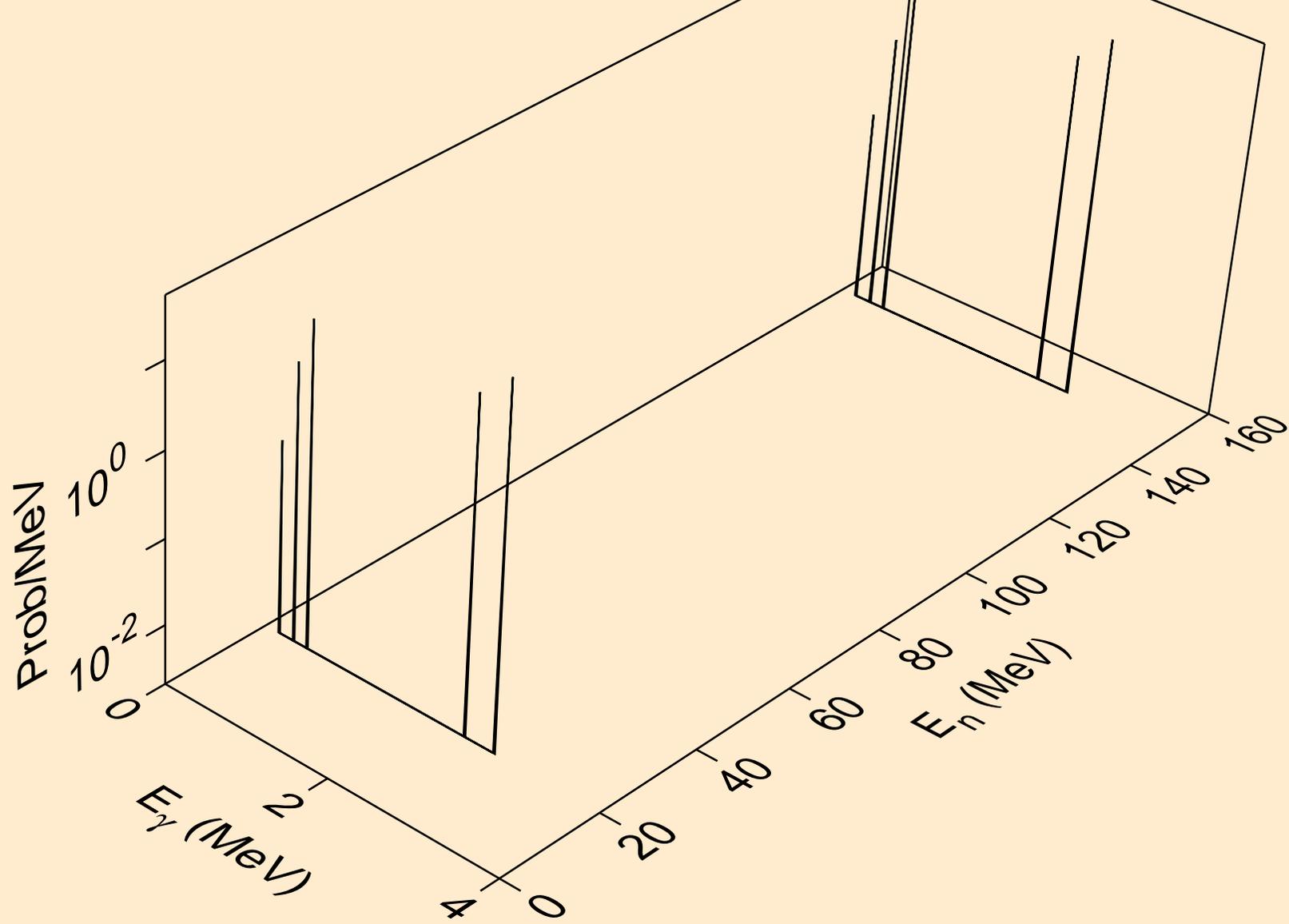
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*9)



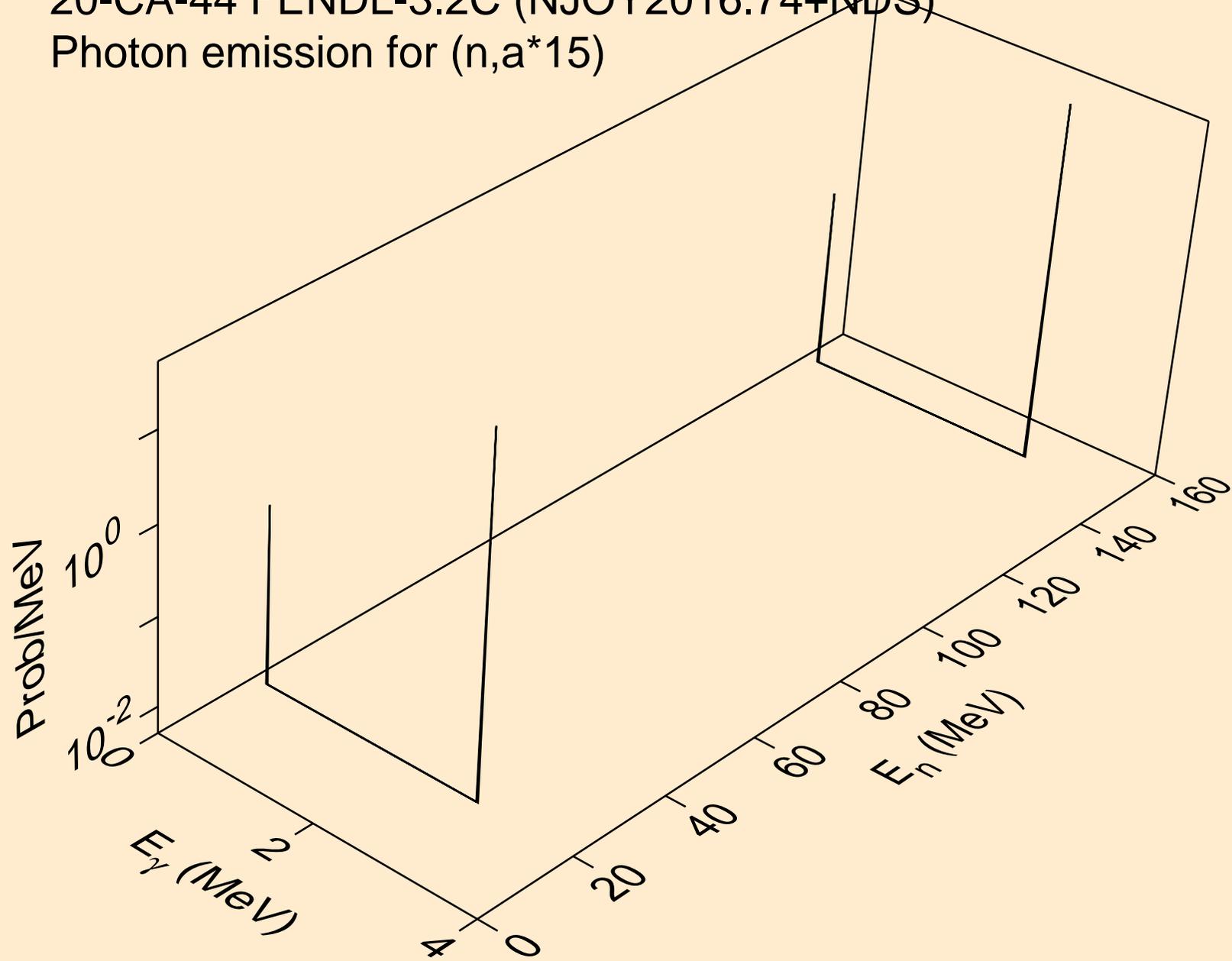
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*12)



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*14)

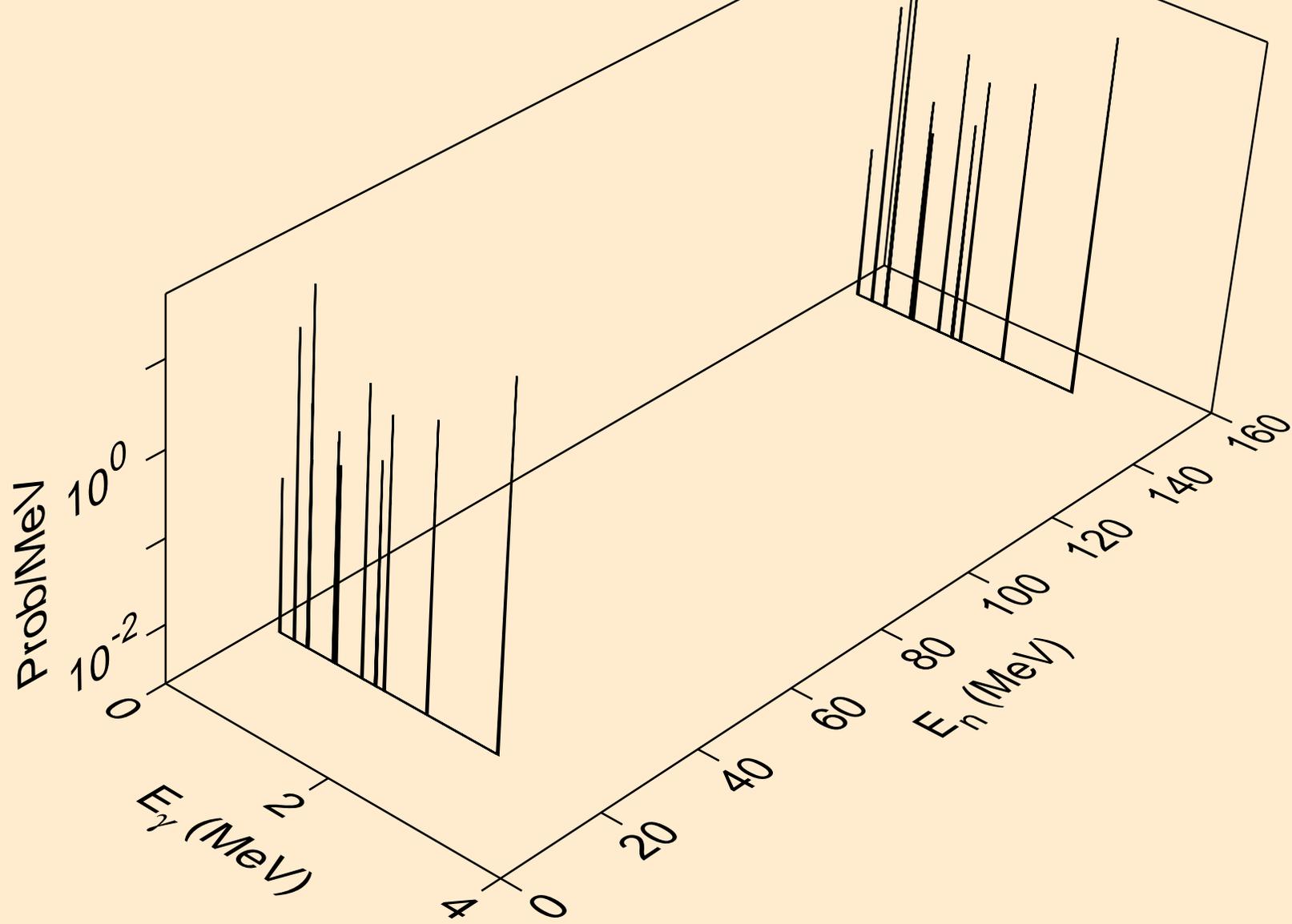


20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*15)

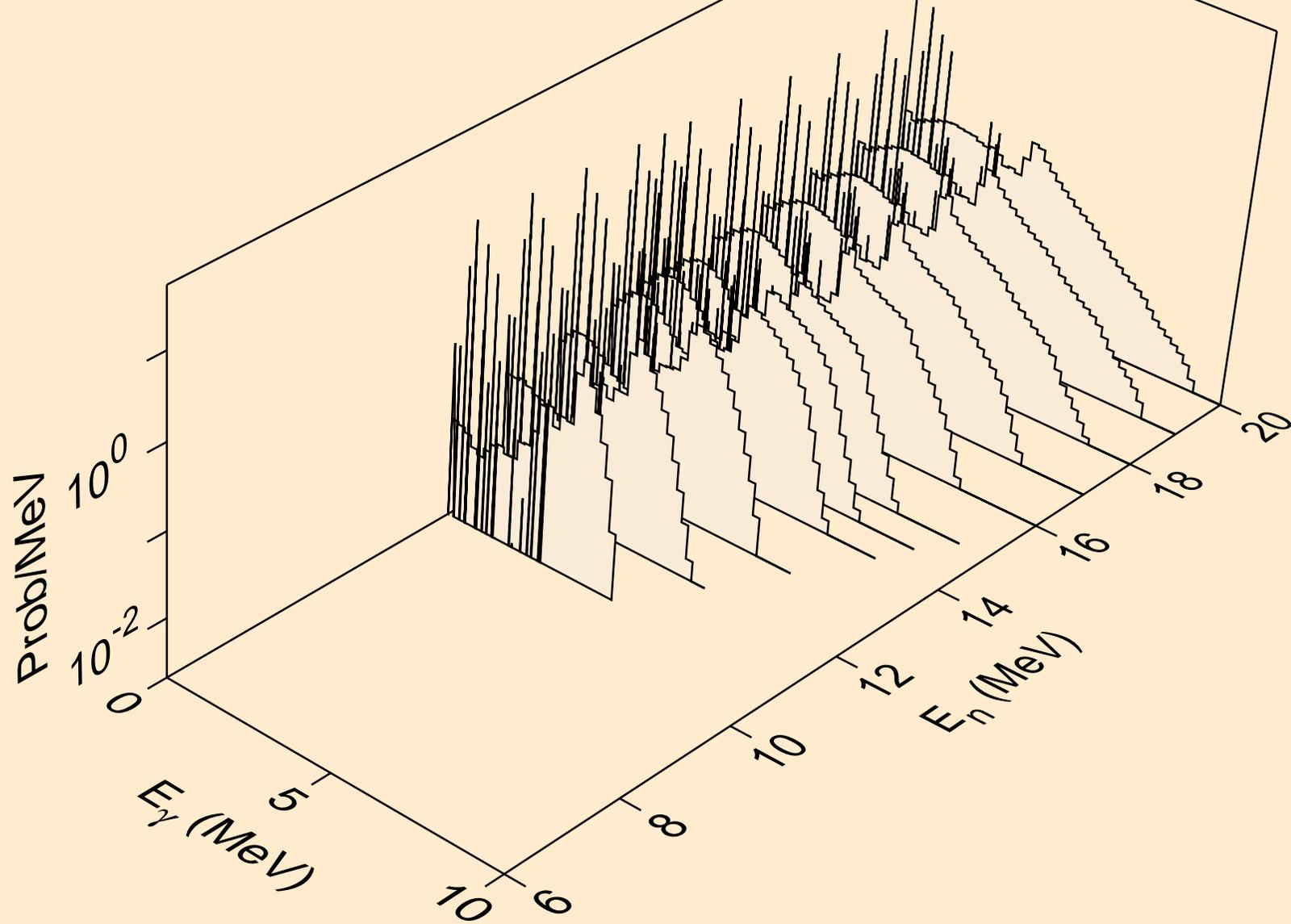


20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

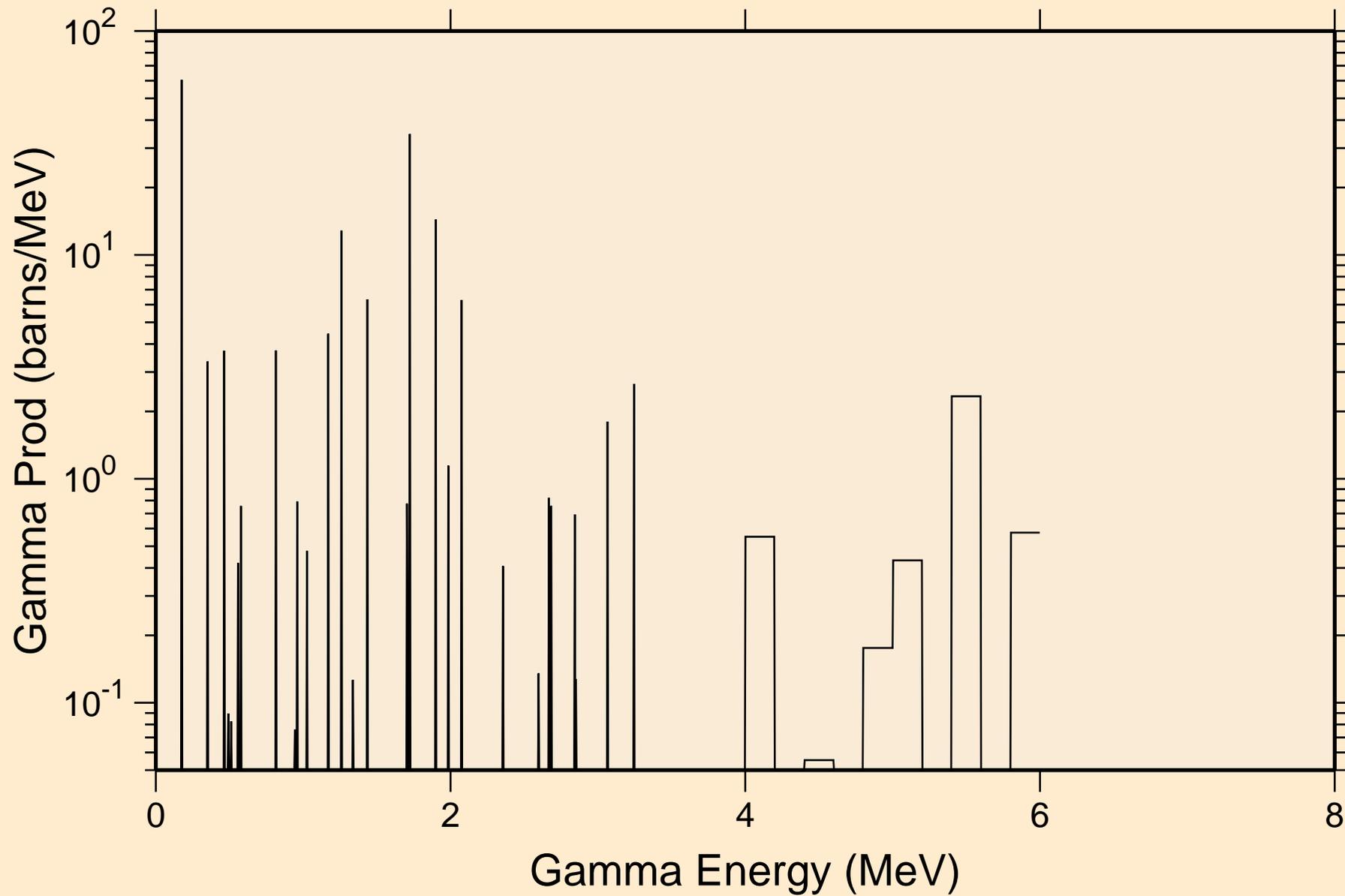
Photon emission for (n,a\*18)



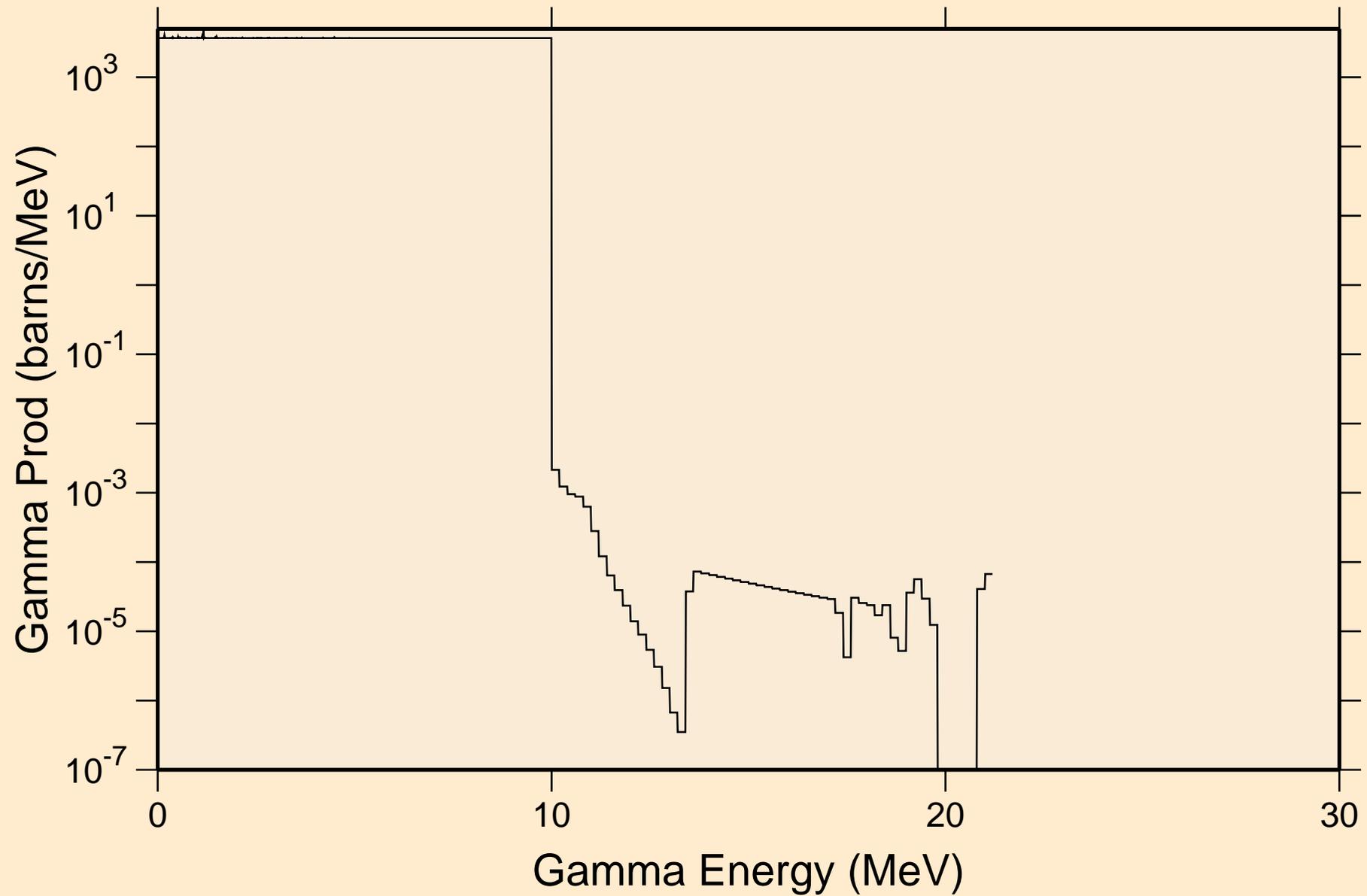
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
Photon emission for (n,a\*c)



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
thermal capture photon spectrum

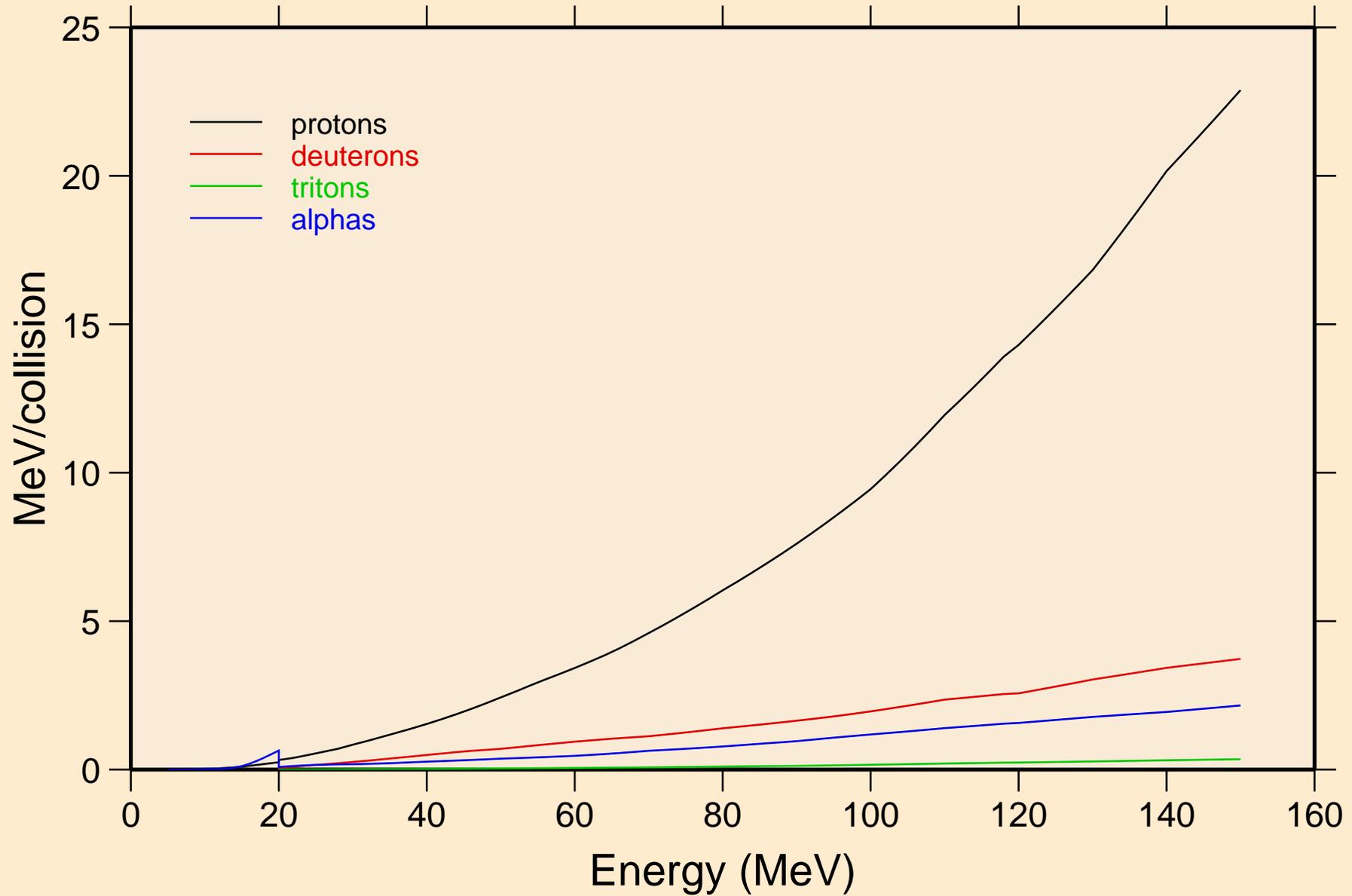


20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
14 MeV photon spectrum



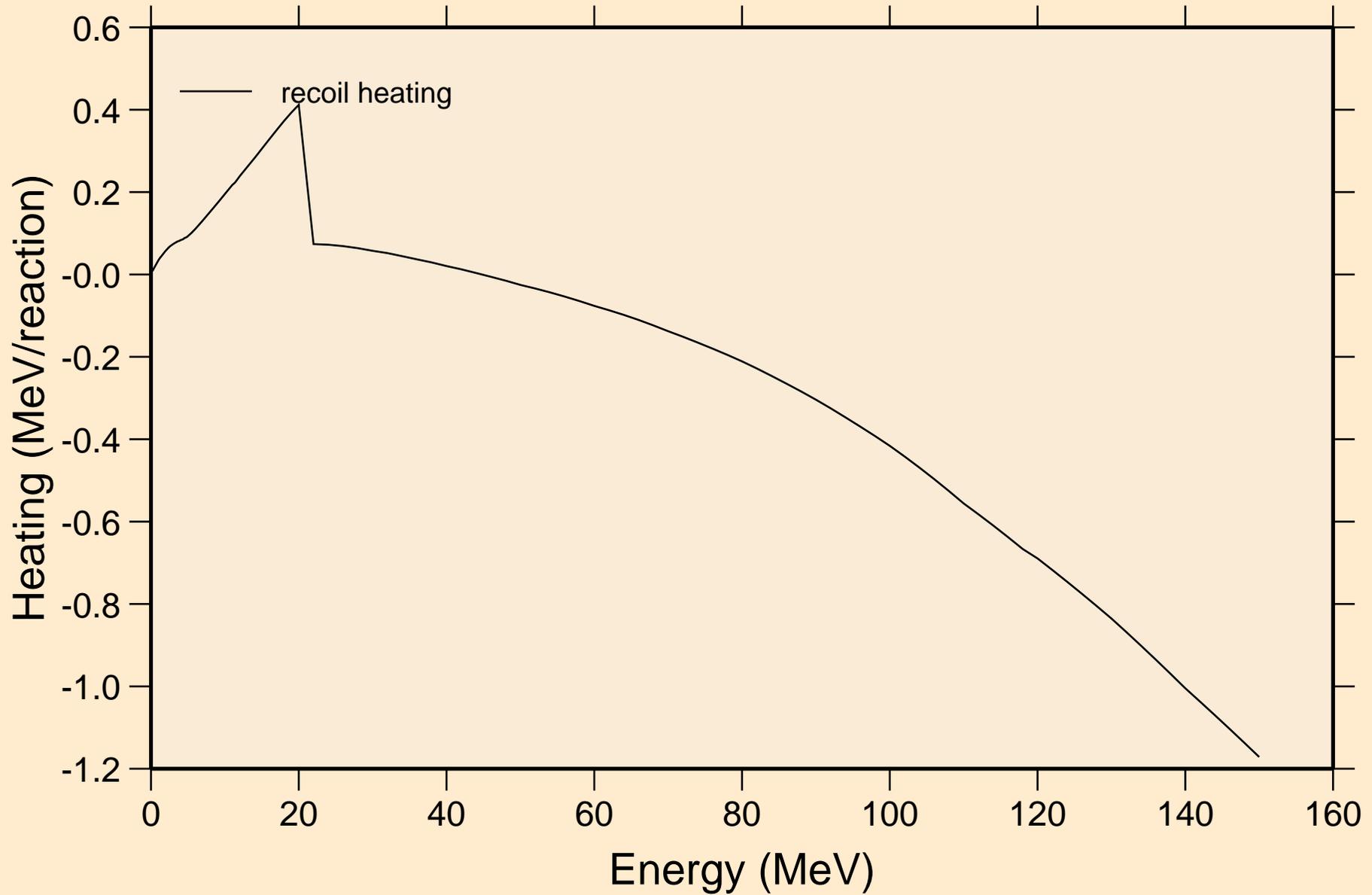
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Particle heating contributions



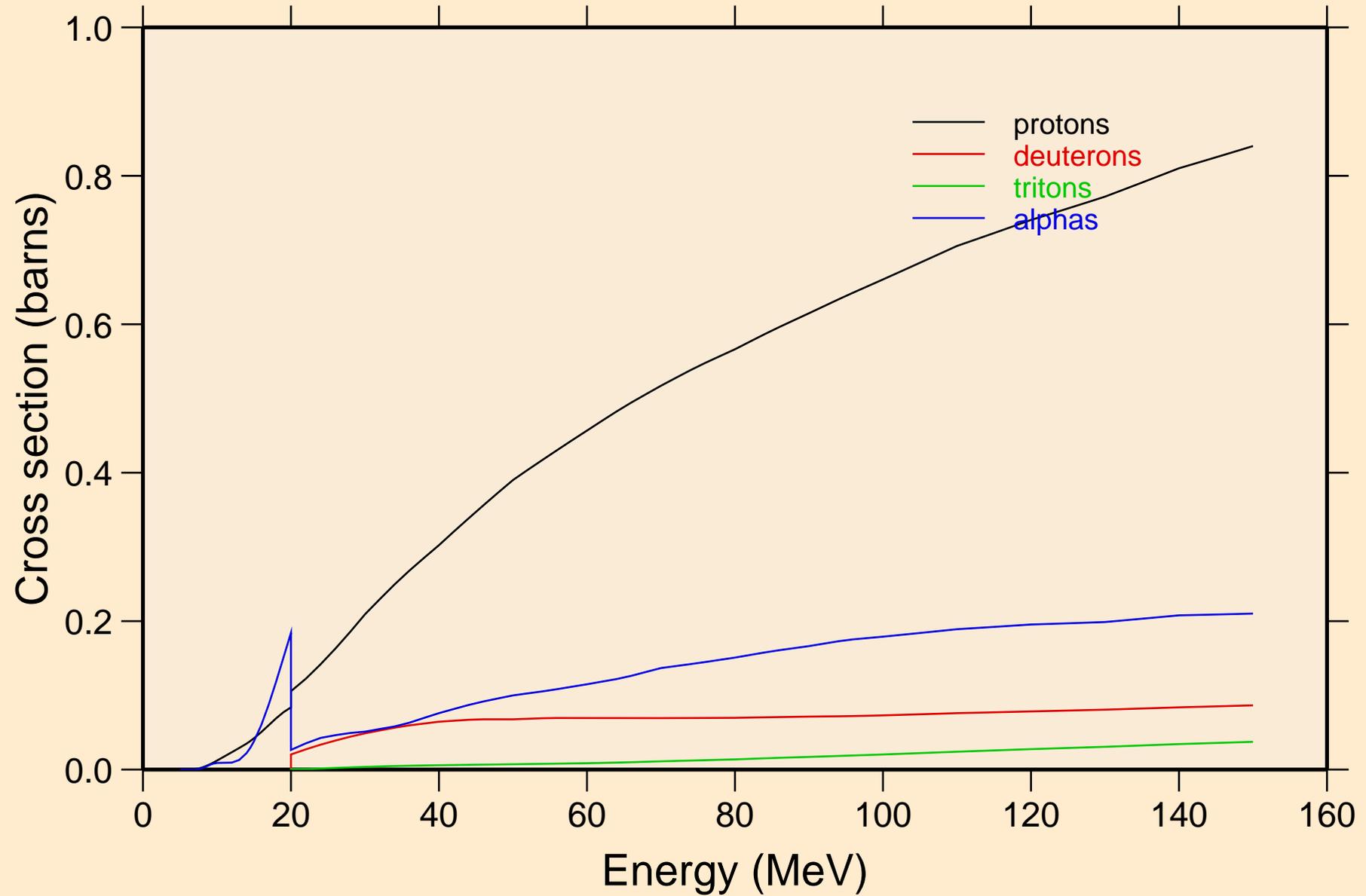
# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

## Recoil Heating

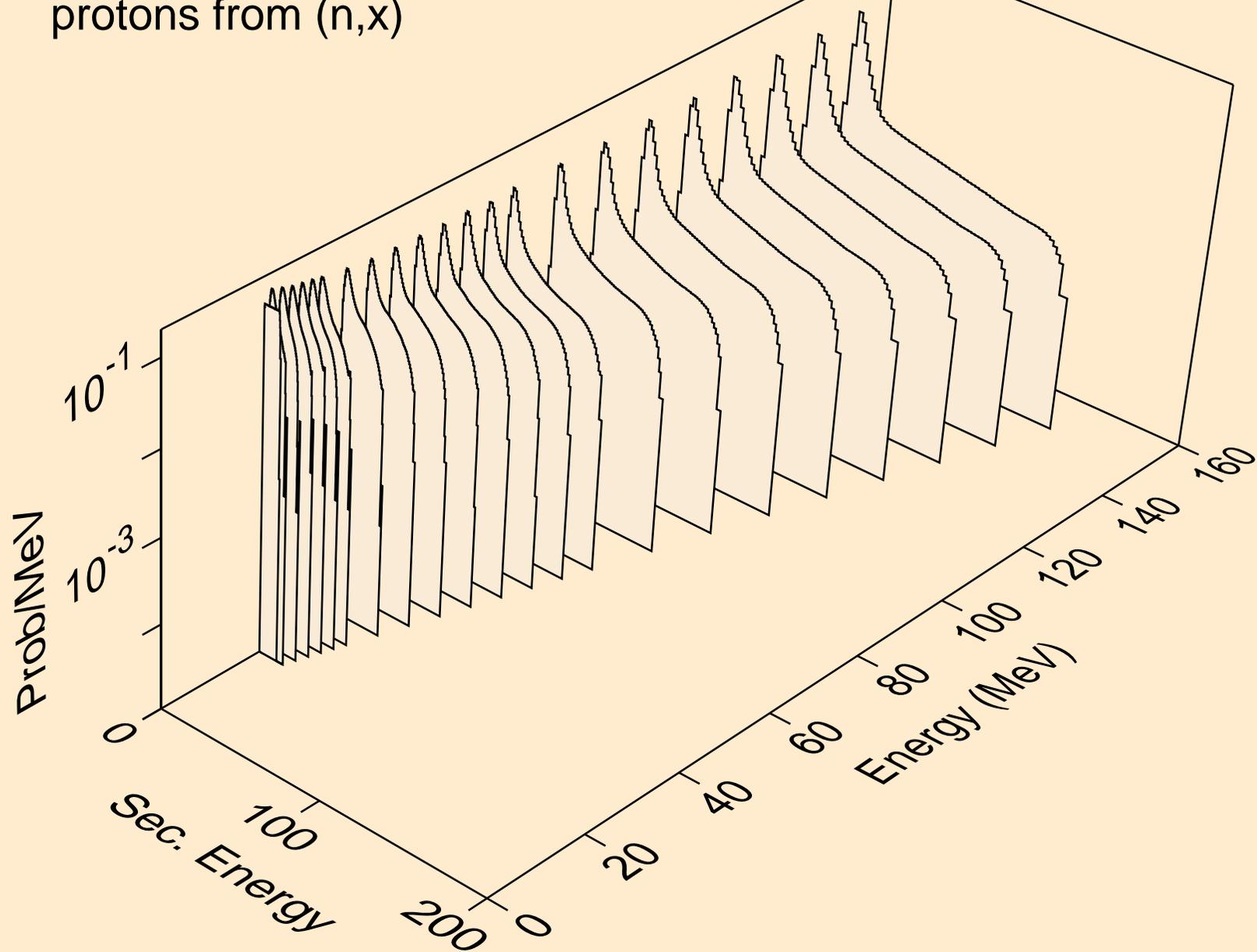


# 20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)

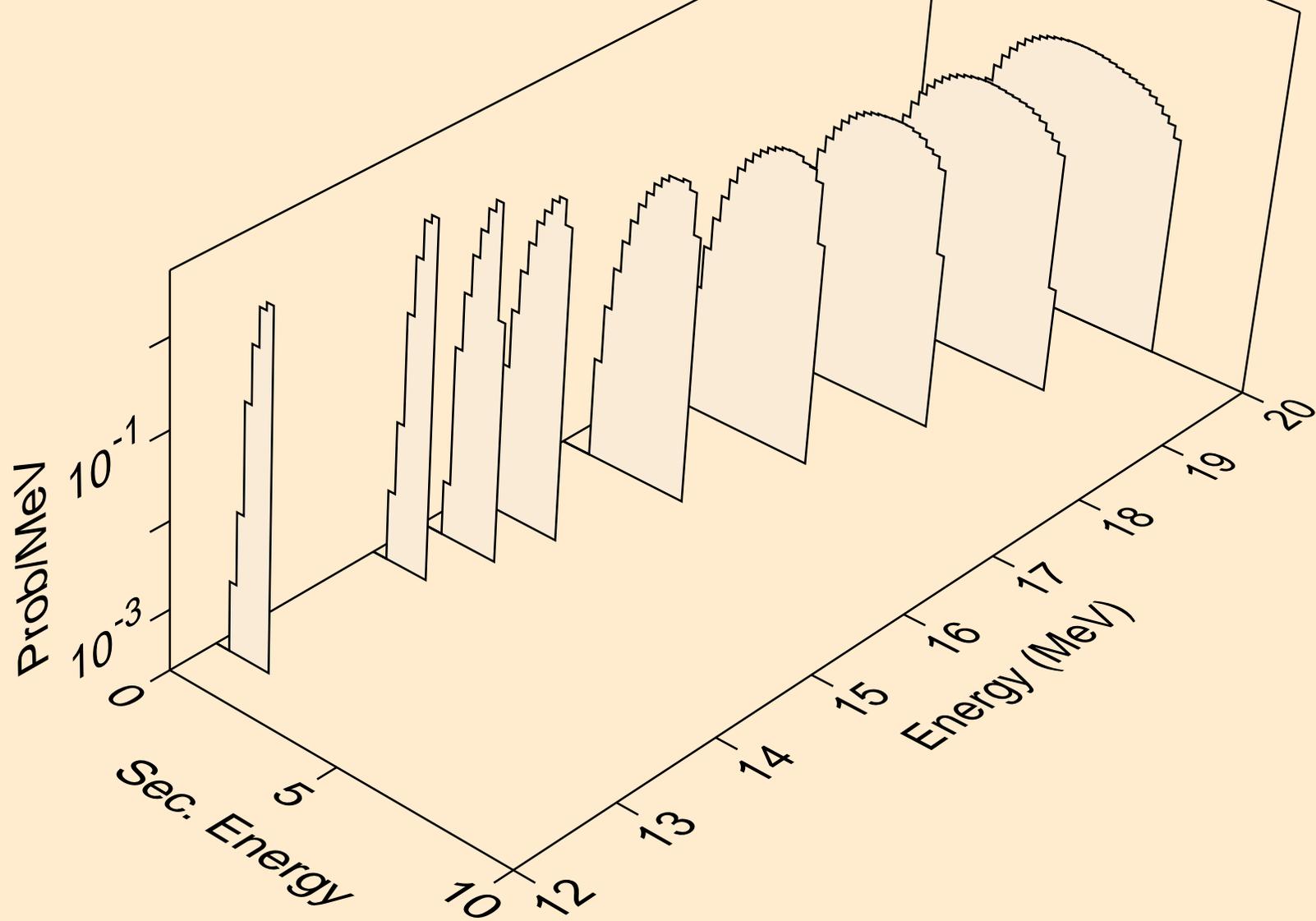
## Particle production cross sections



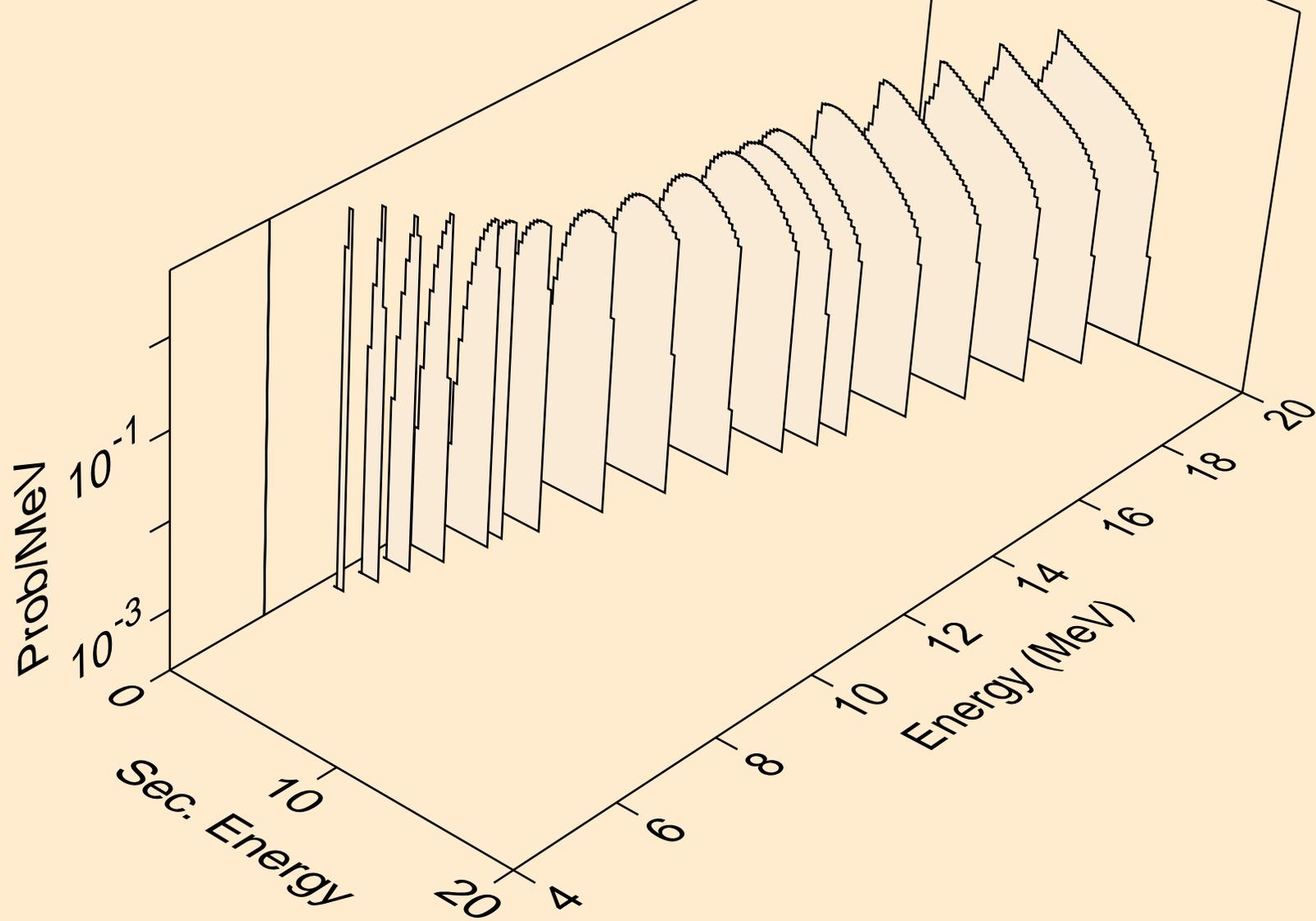
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
protons from (n,x)



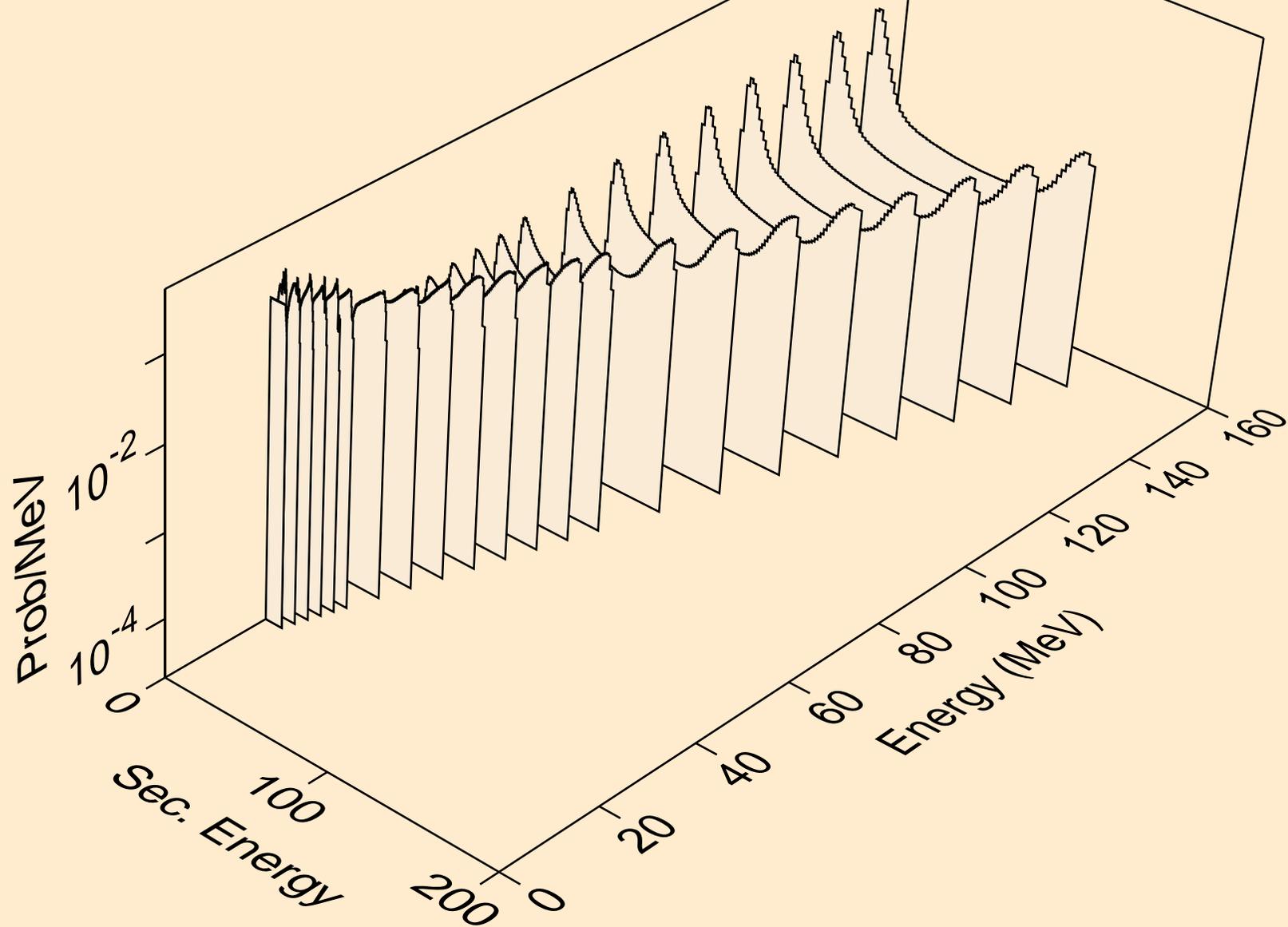
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
protons from (n,np)



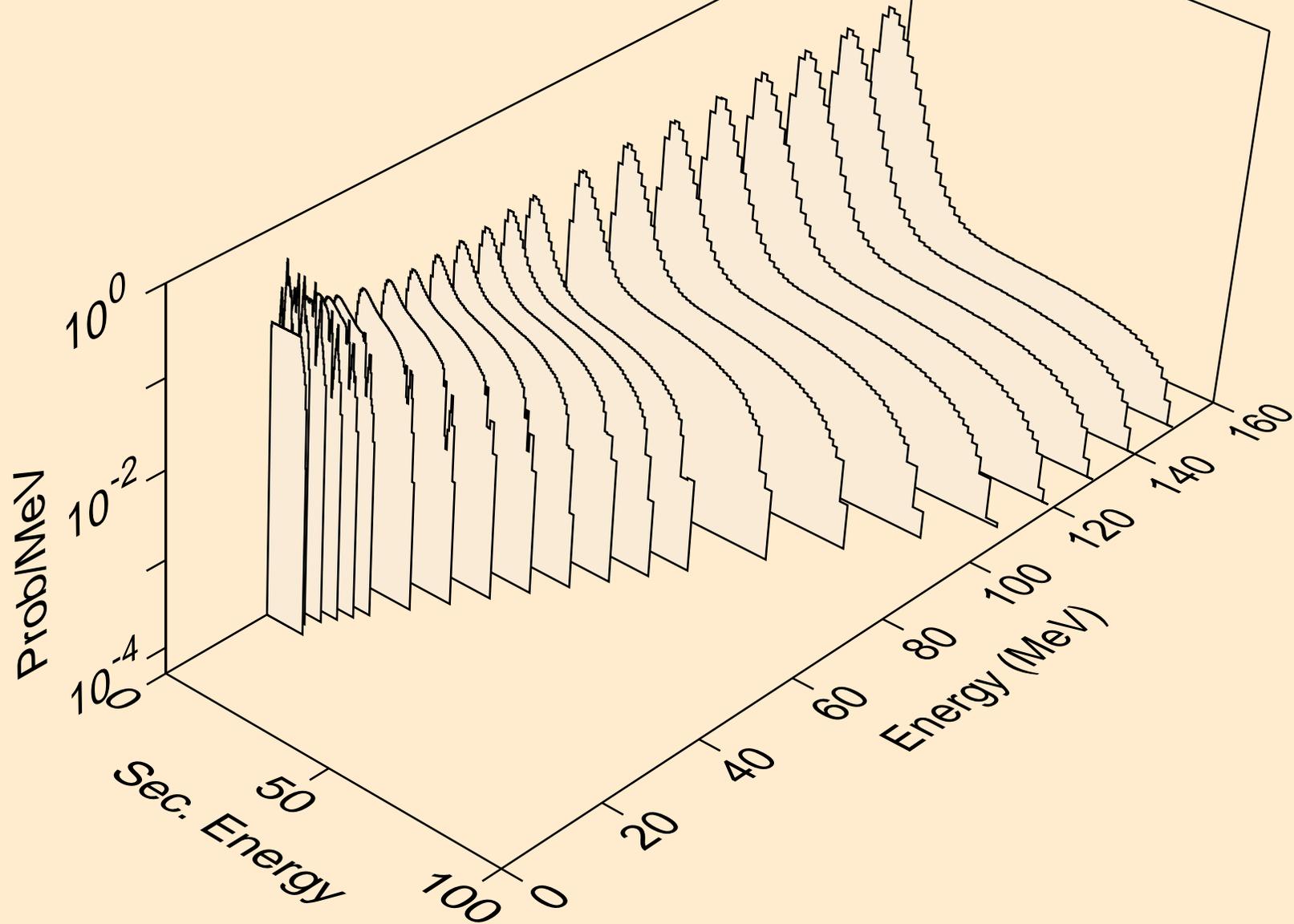
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
protons from (n,p\*c)



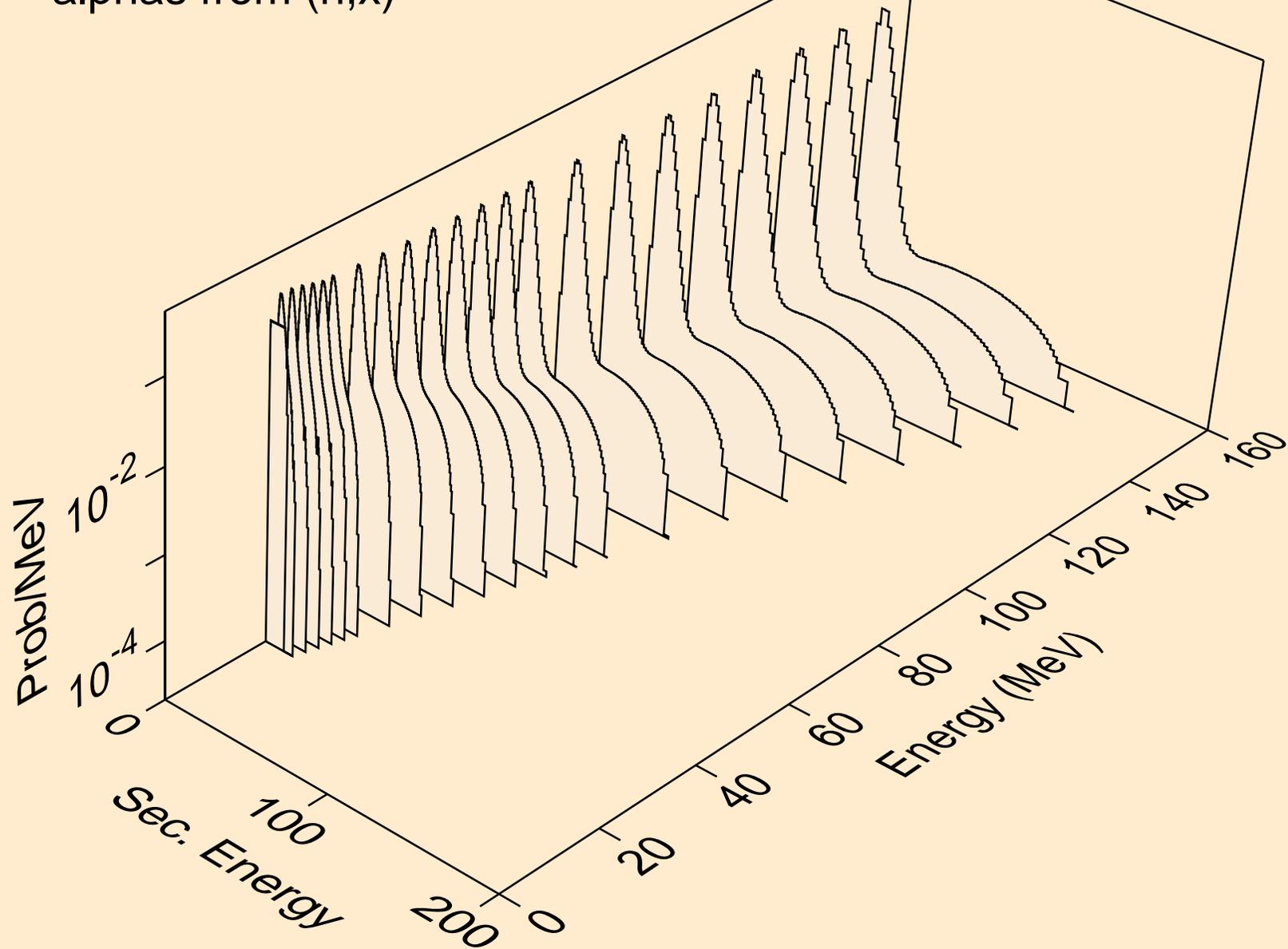
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
deuterons from (n,x)



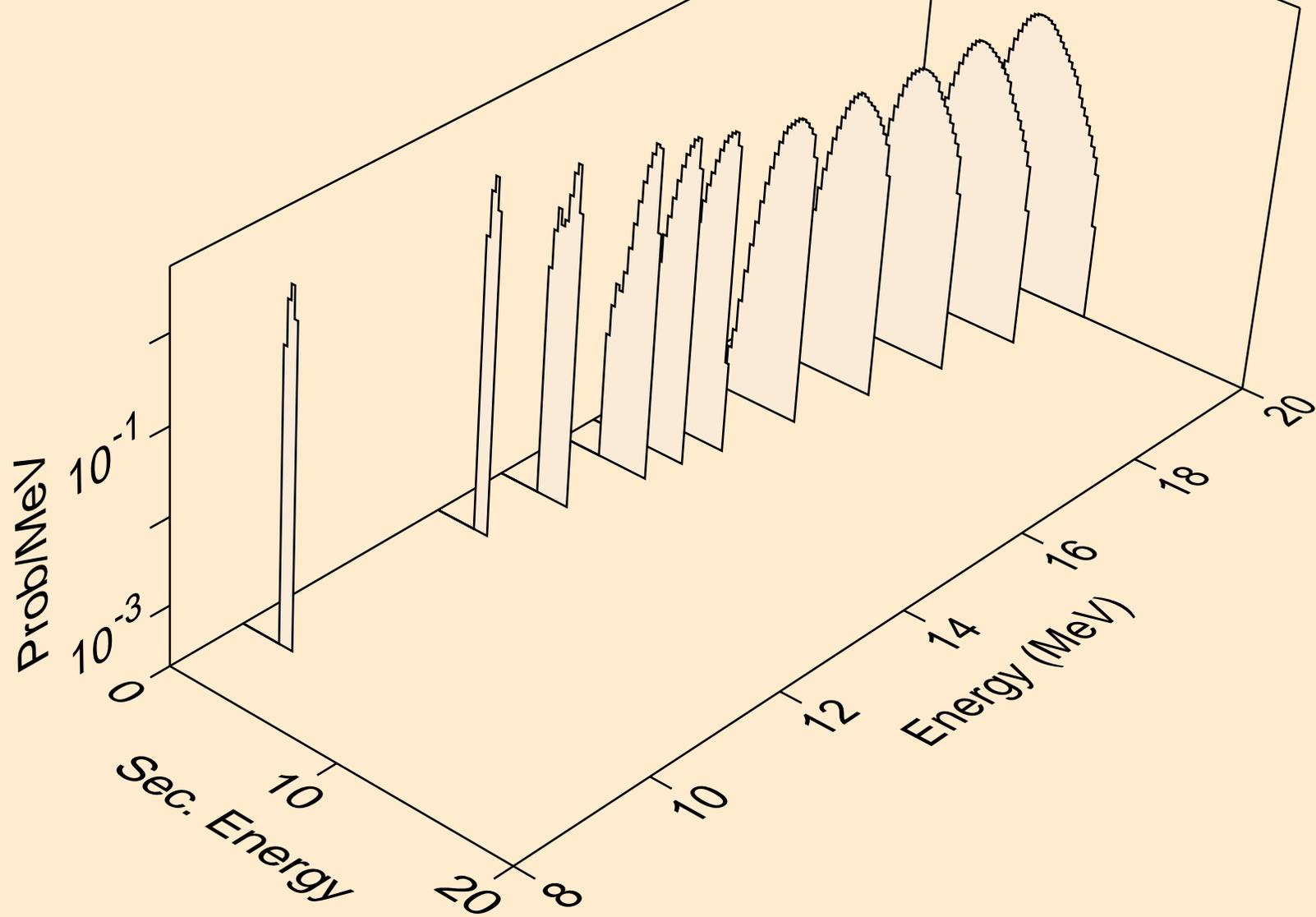
20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
tritons from (n,x)



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,x)



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,na)



20-CA-44 FENDL-3.2C (NJOY2016.74+NDS)  
alphas from (n,a\*c)

