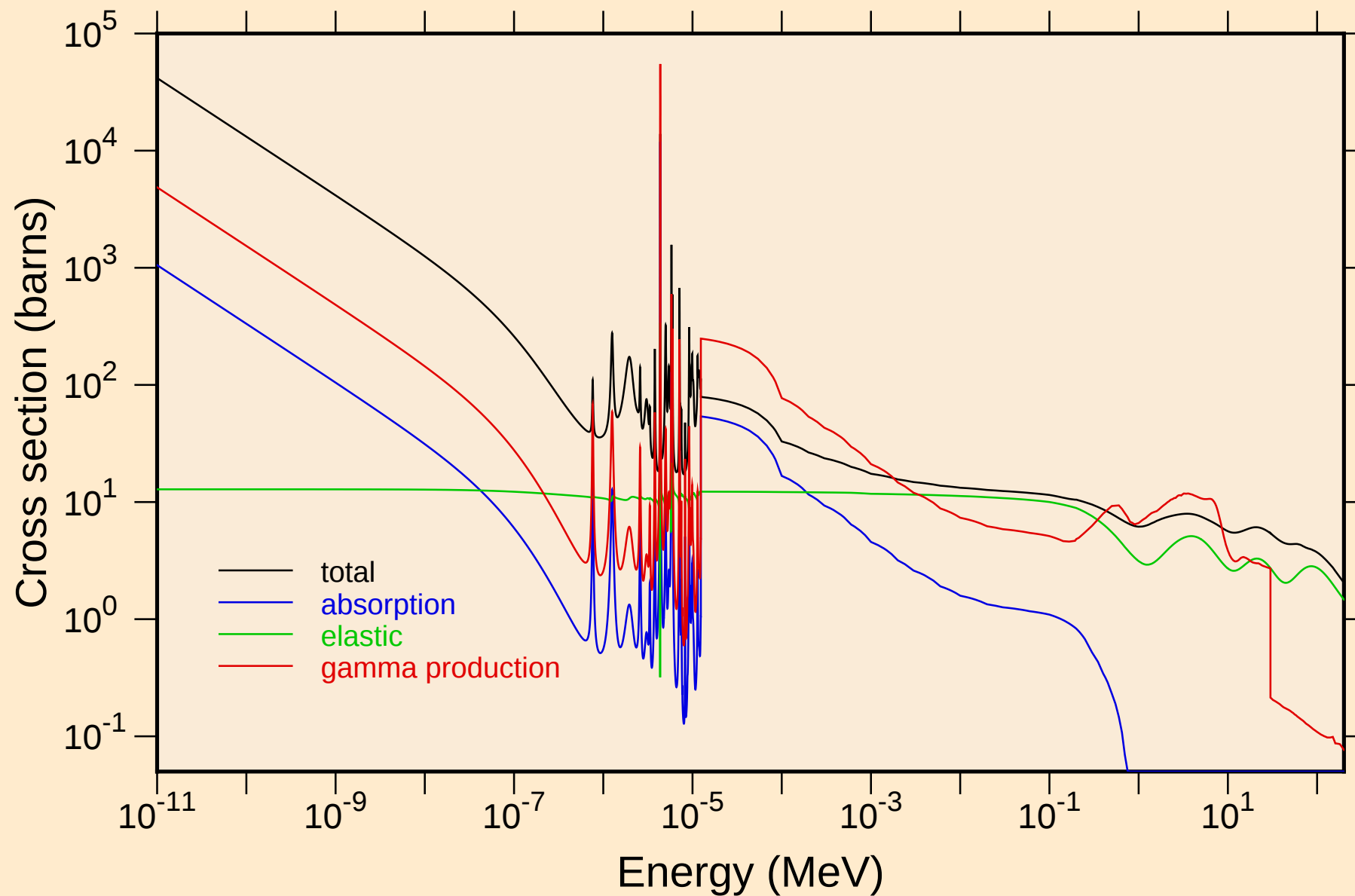
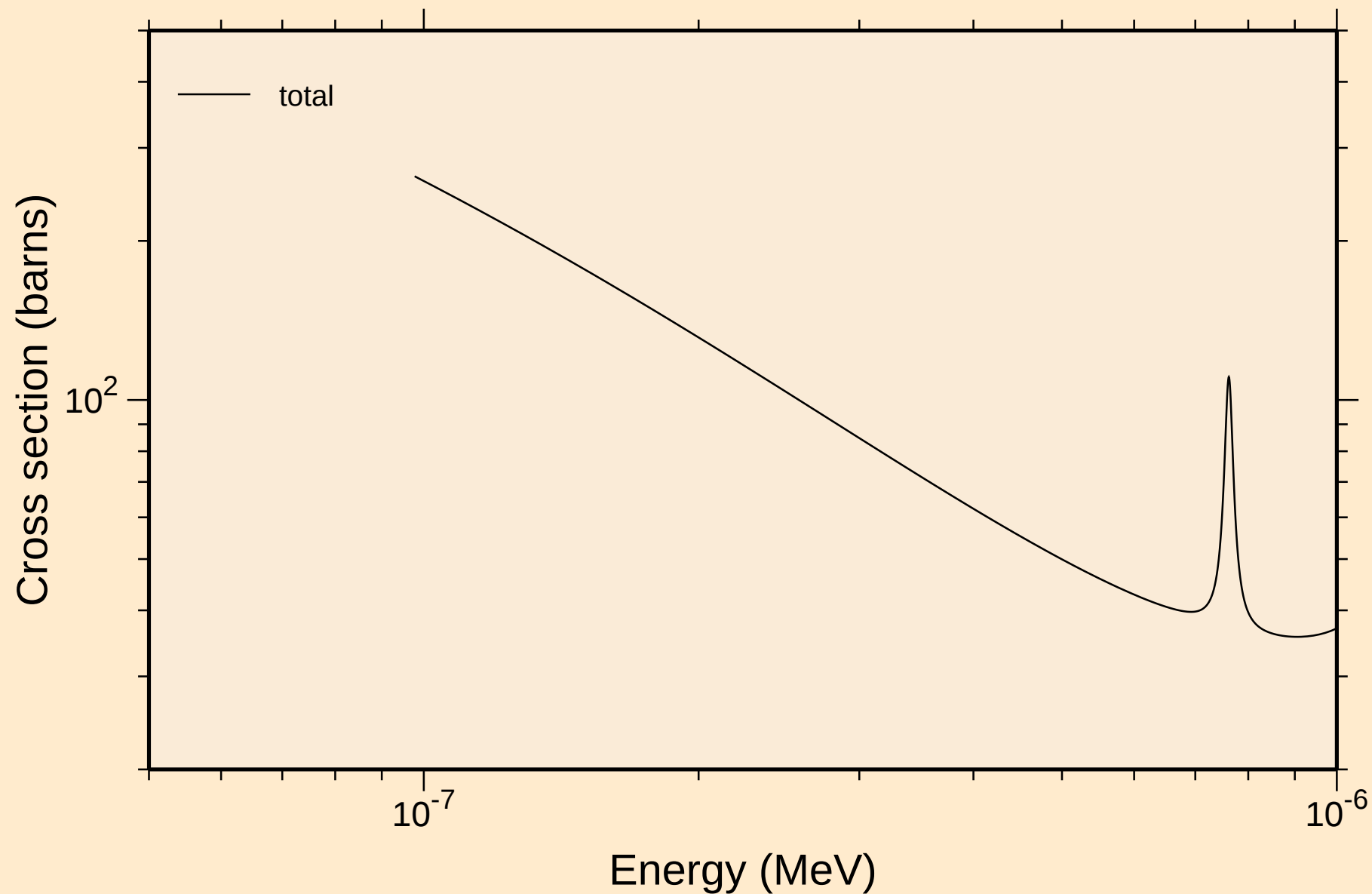


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

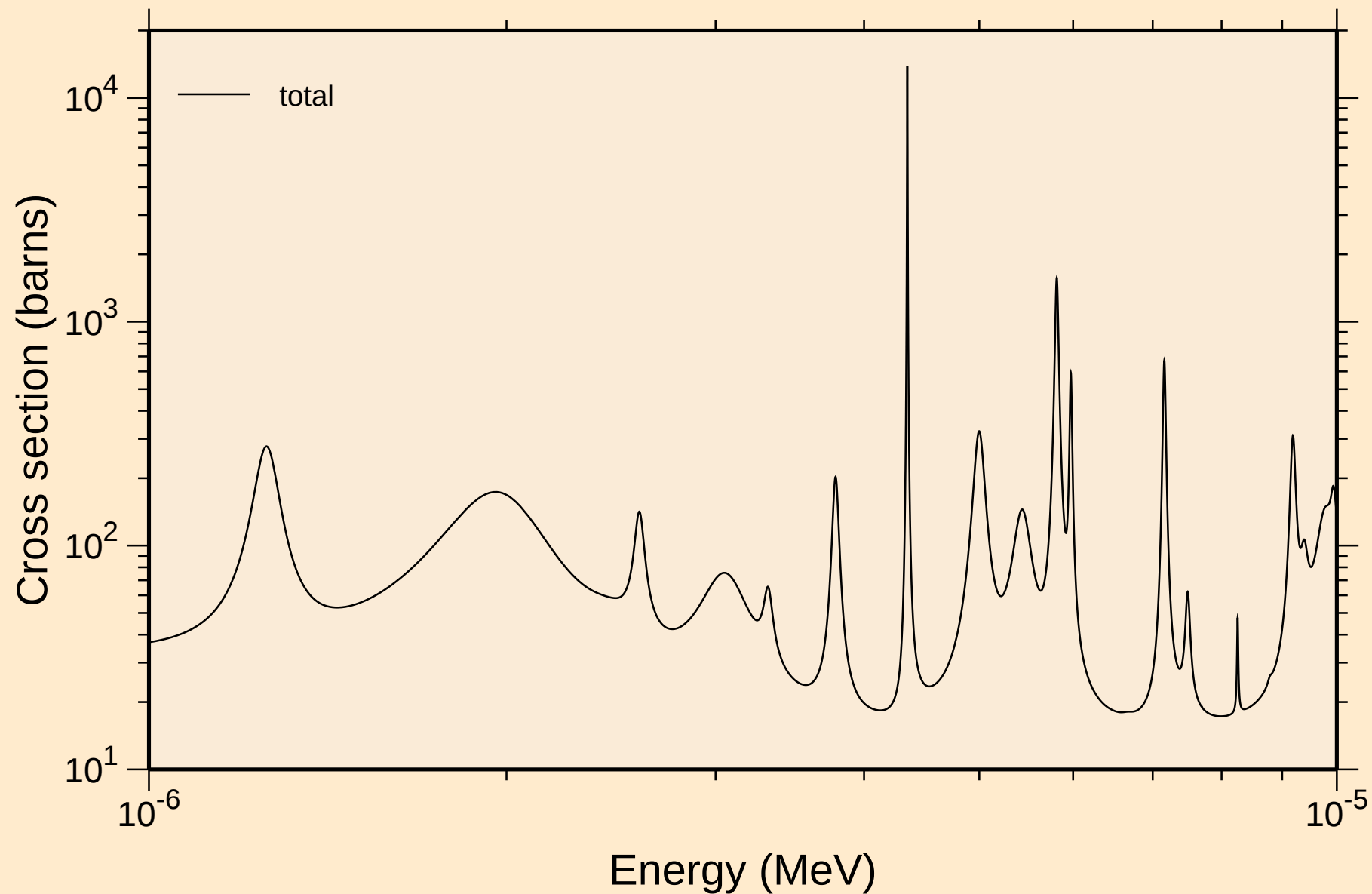
Principal cross sections



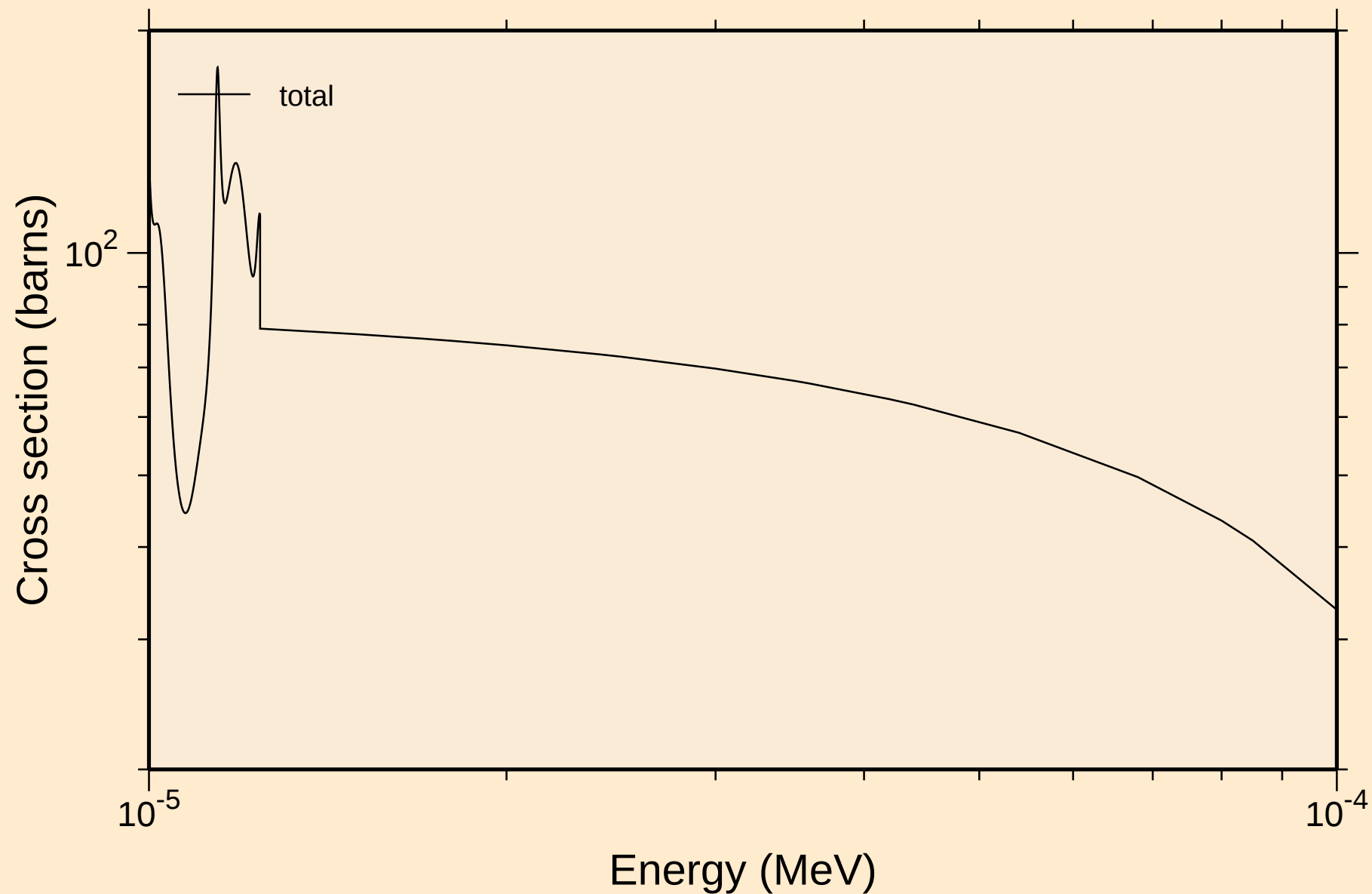
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



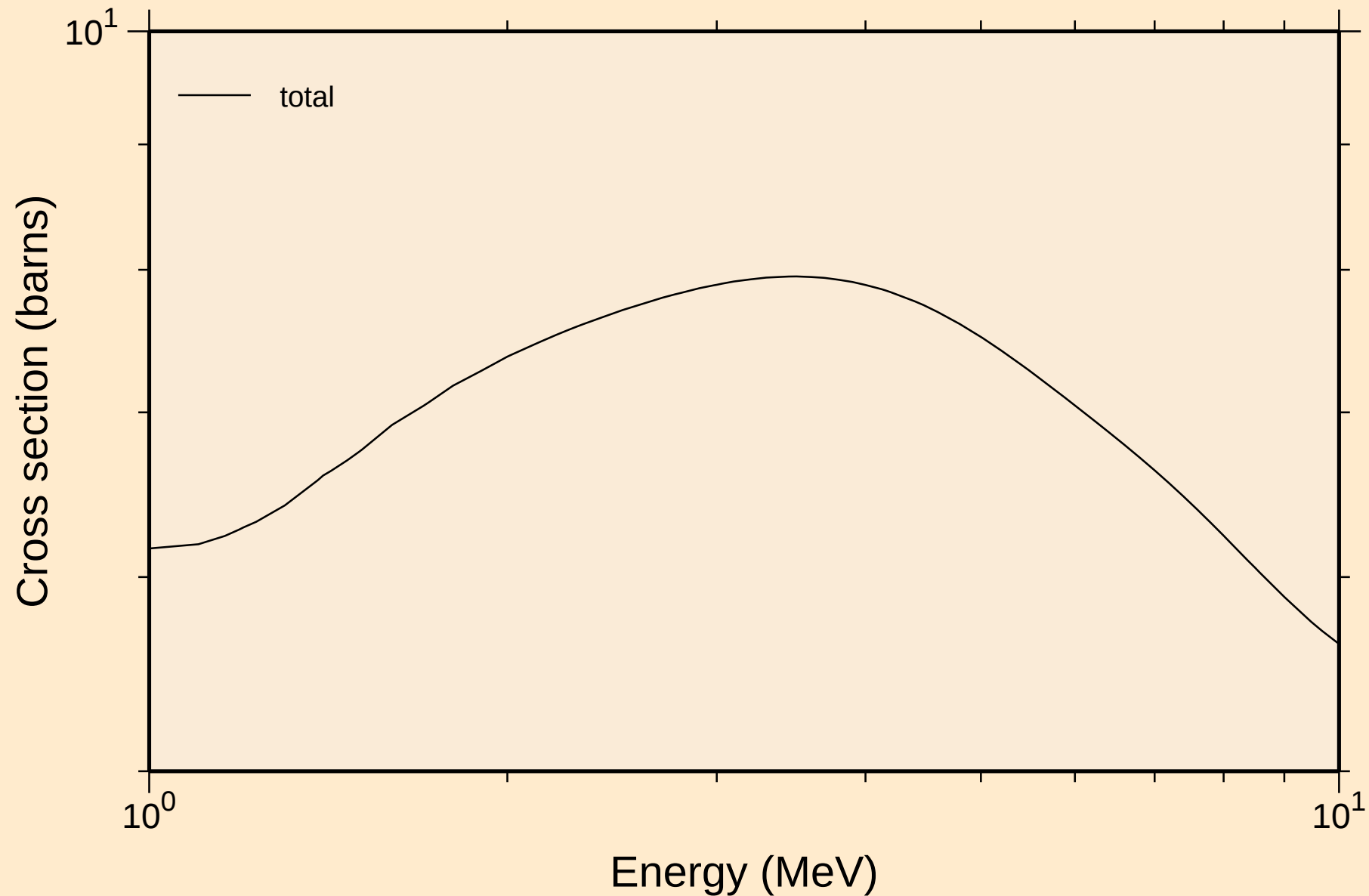
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



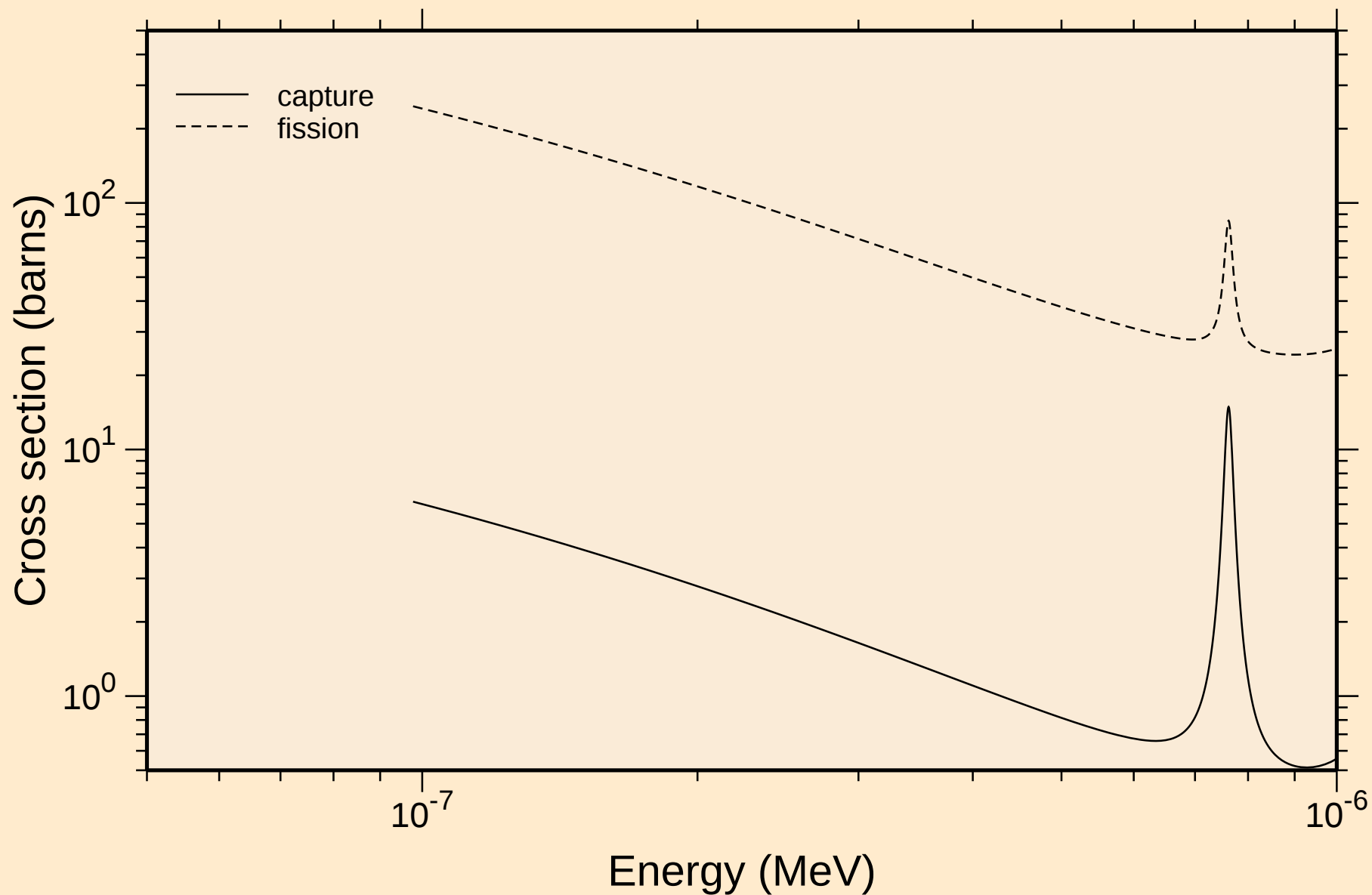
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



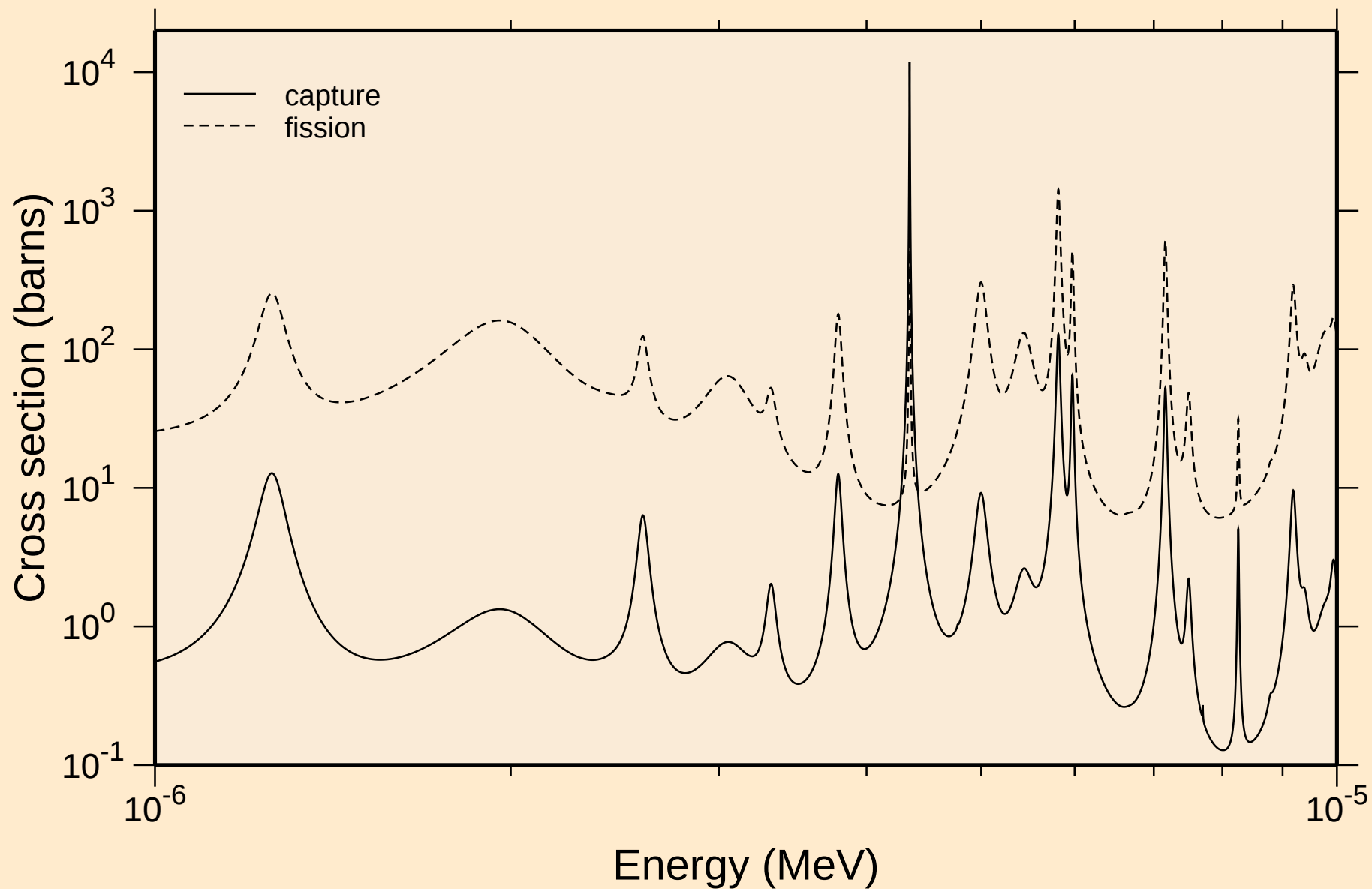
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



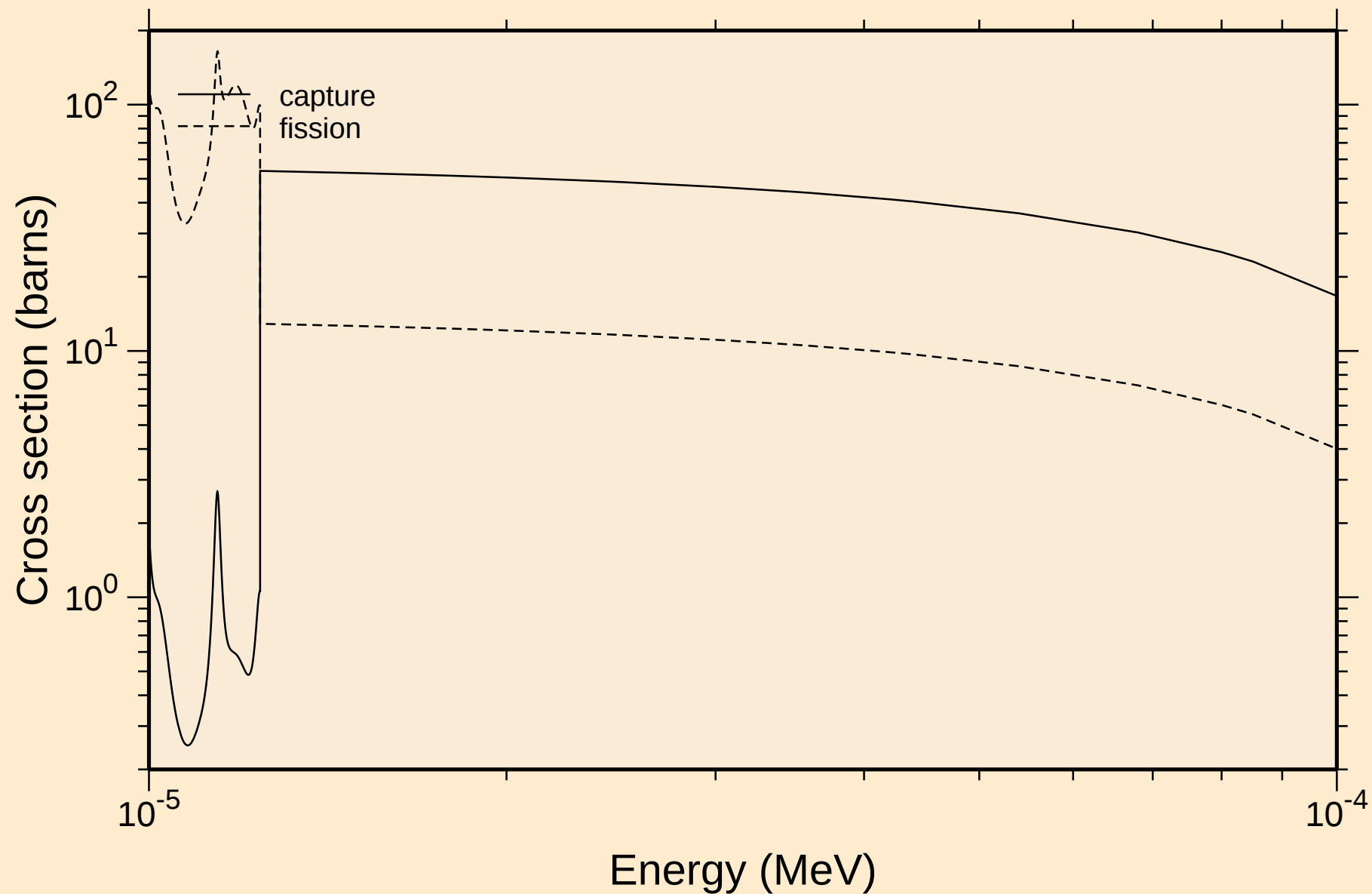
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



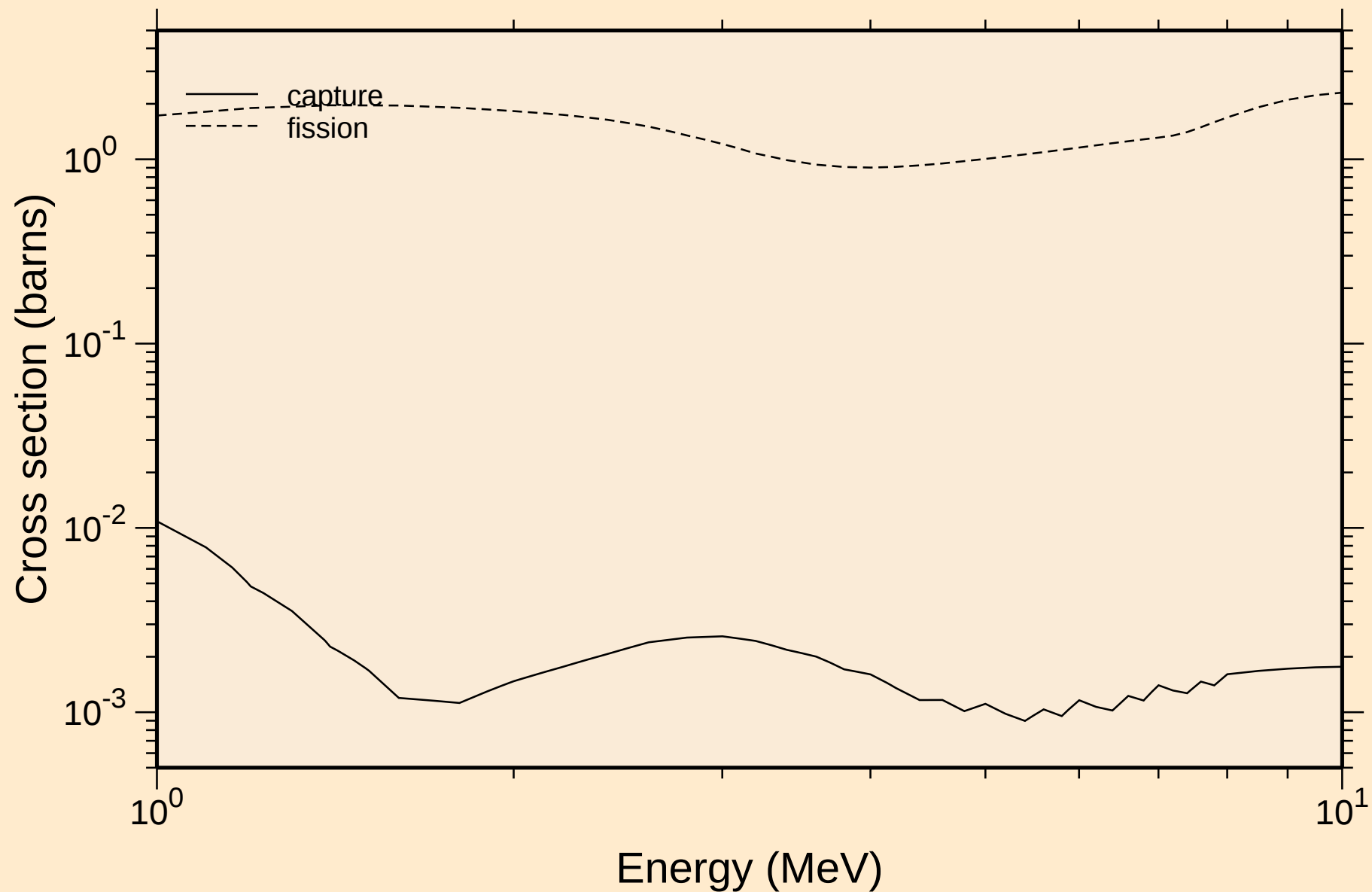
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

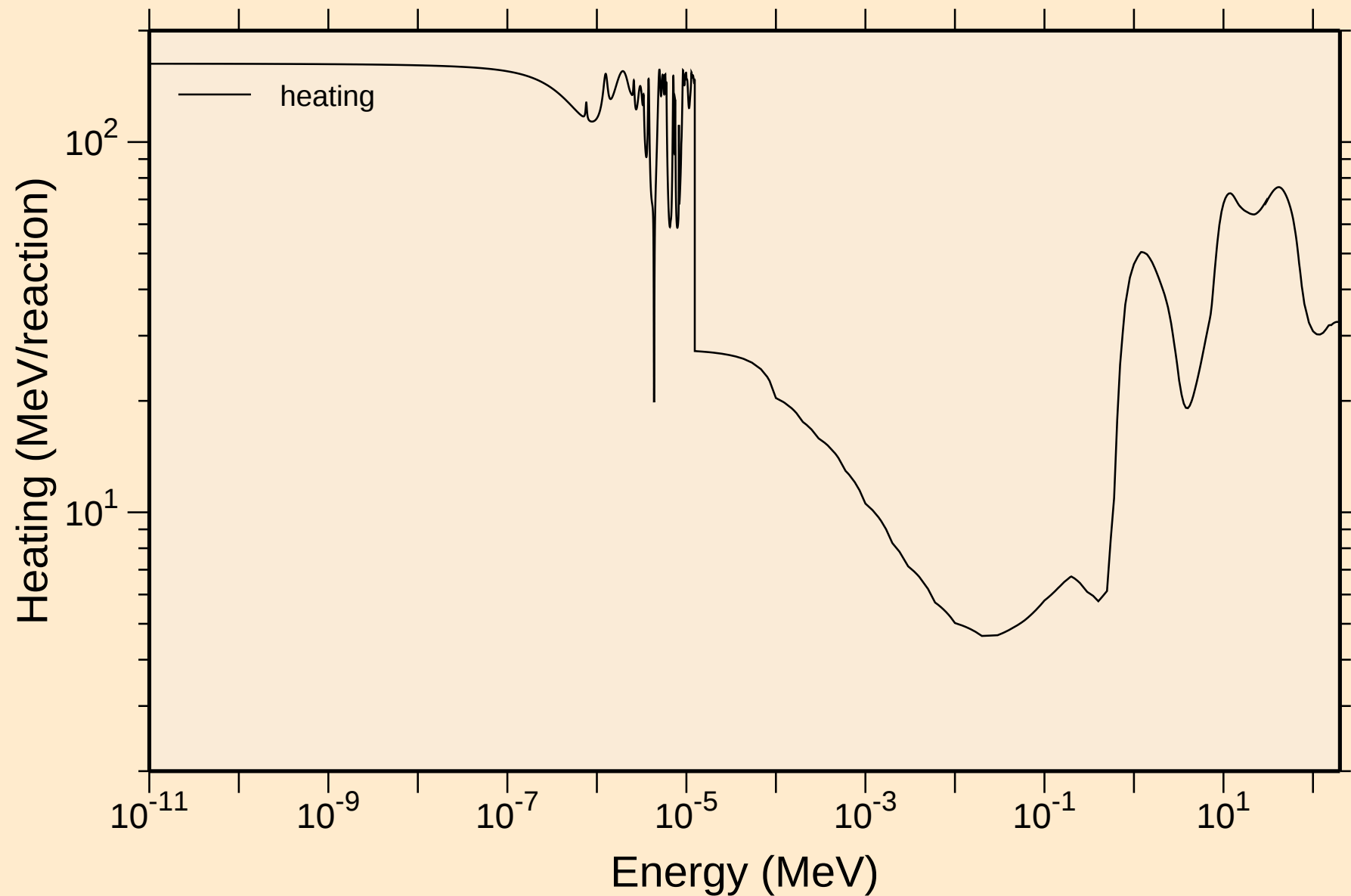


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

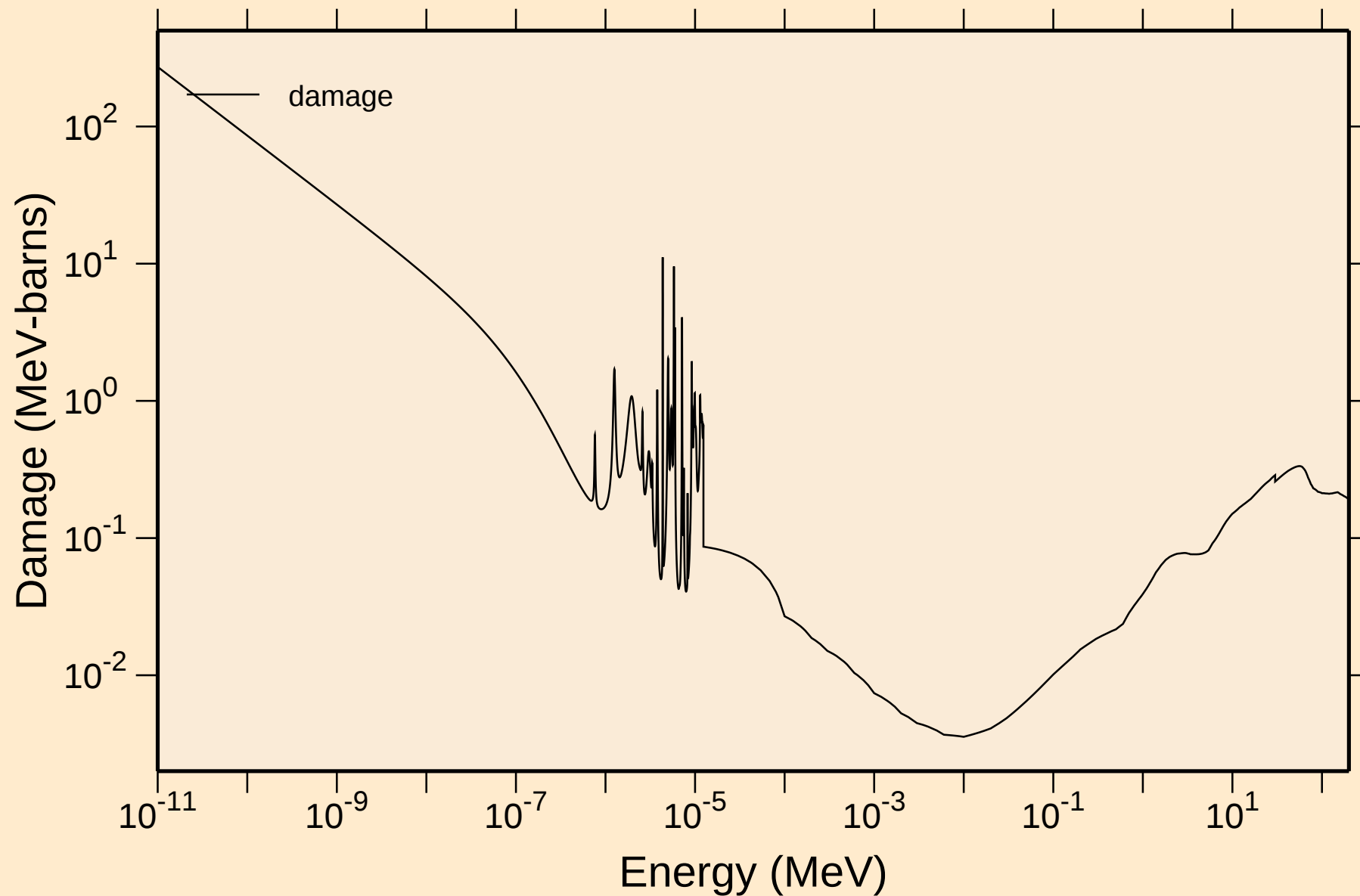


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

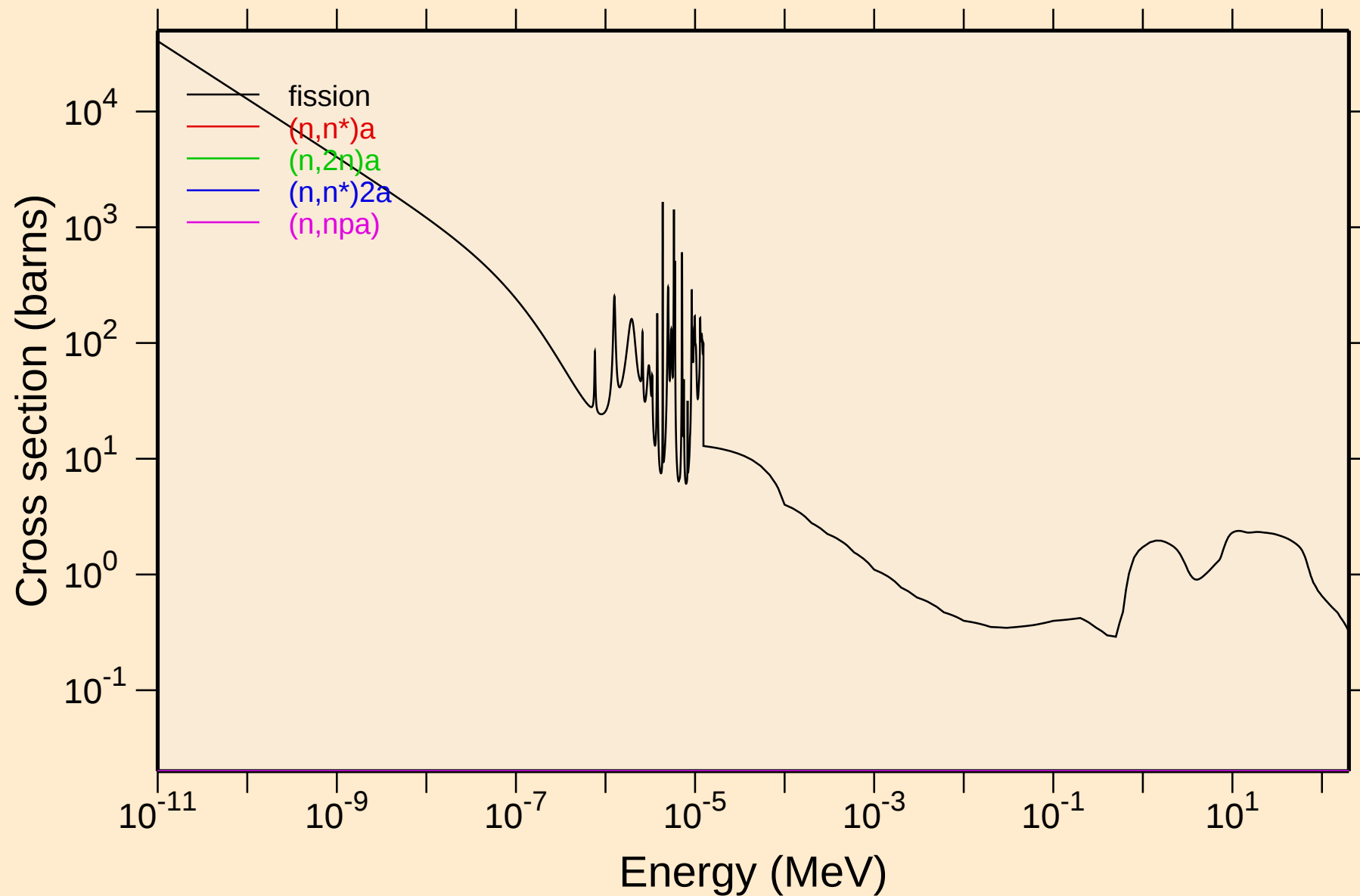
Heating



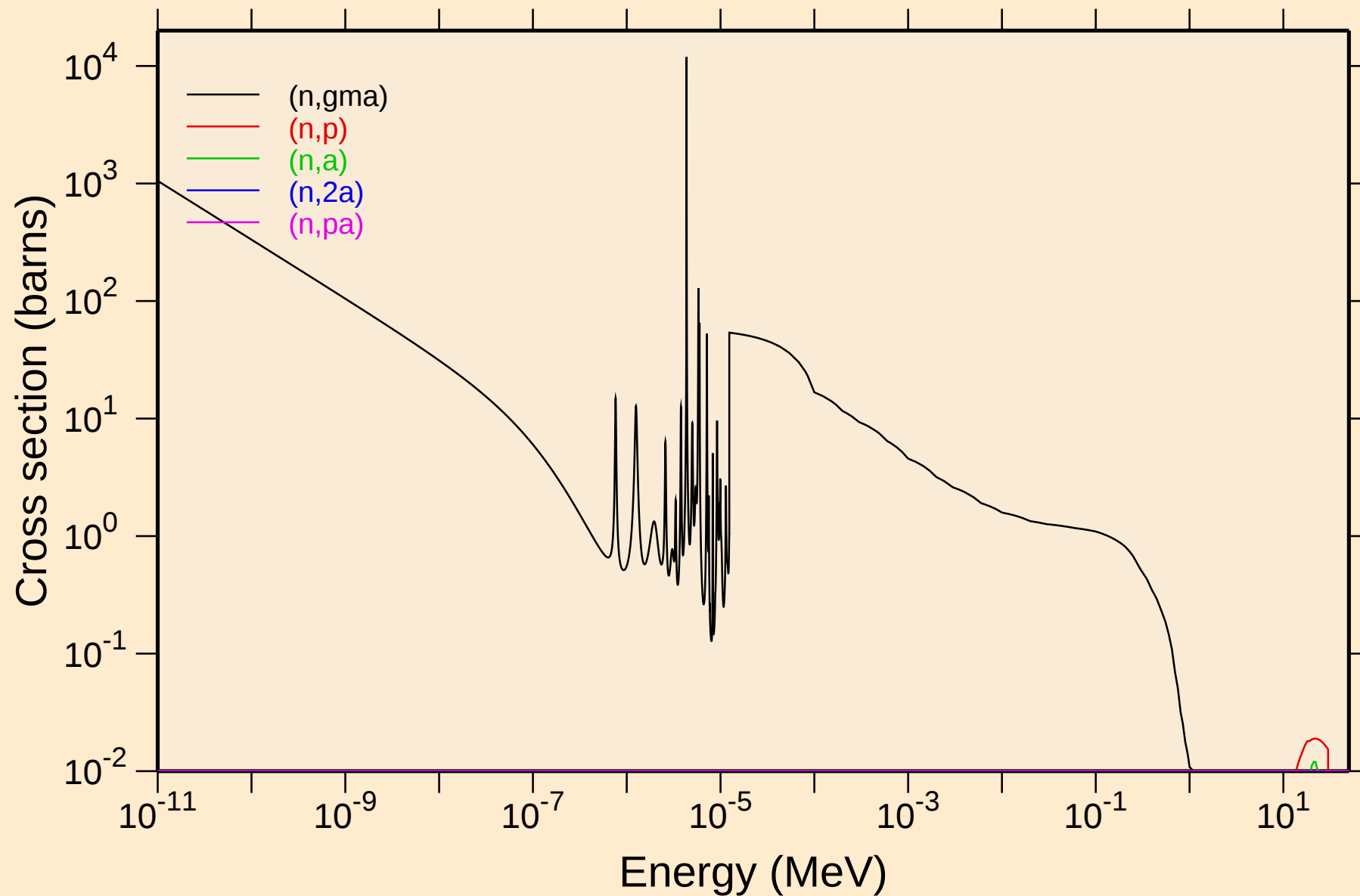
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



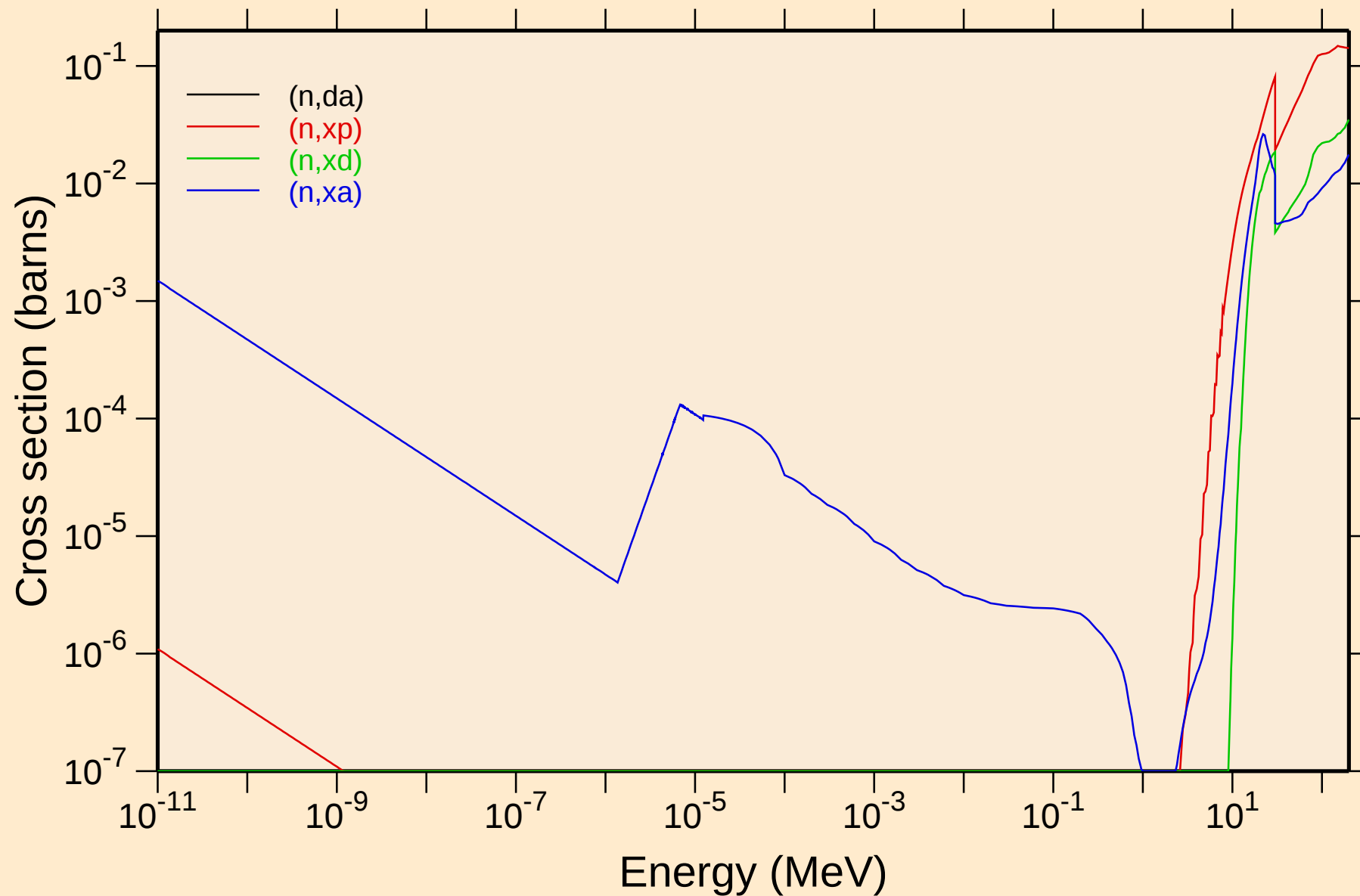
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

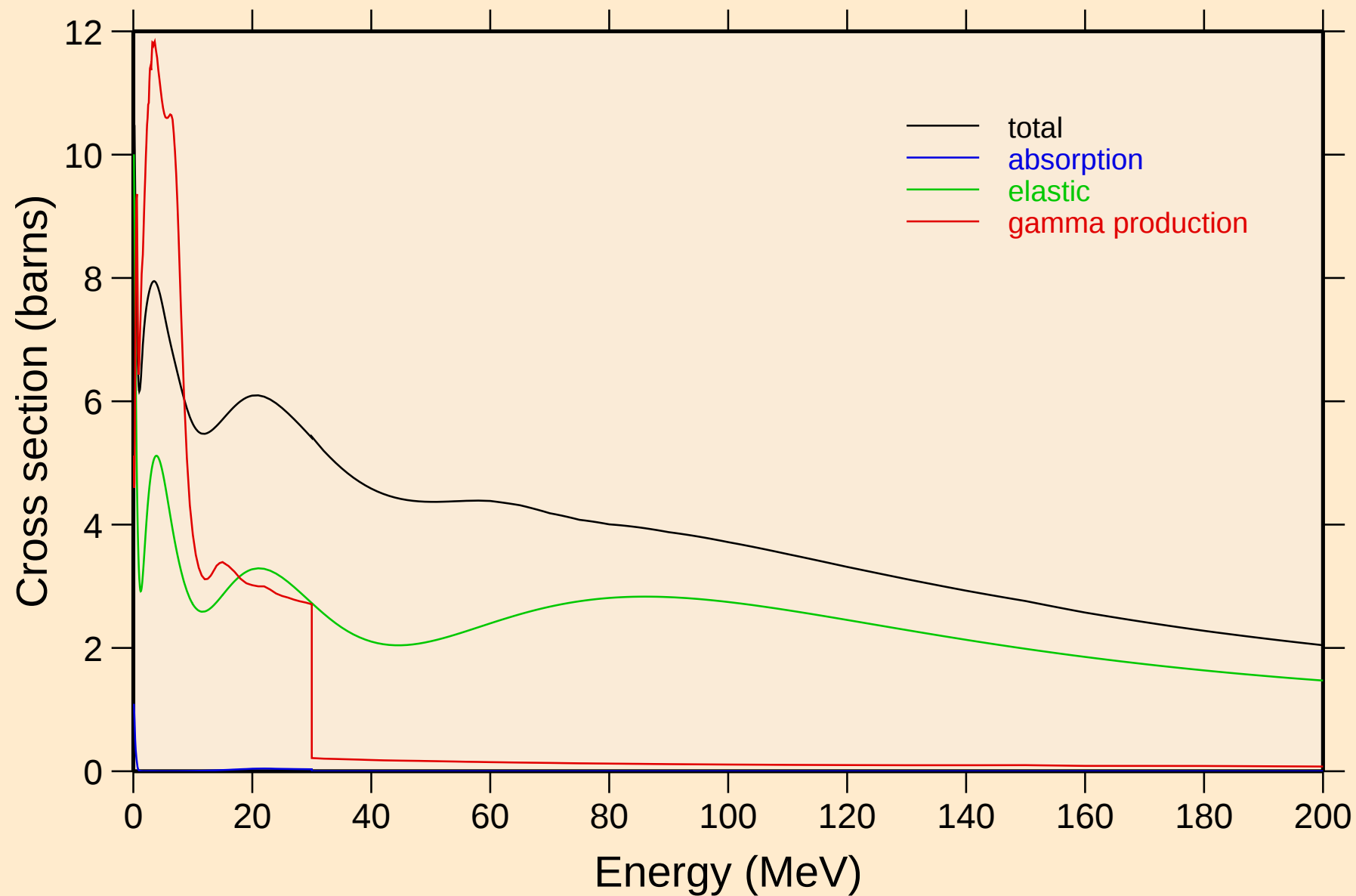


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



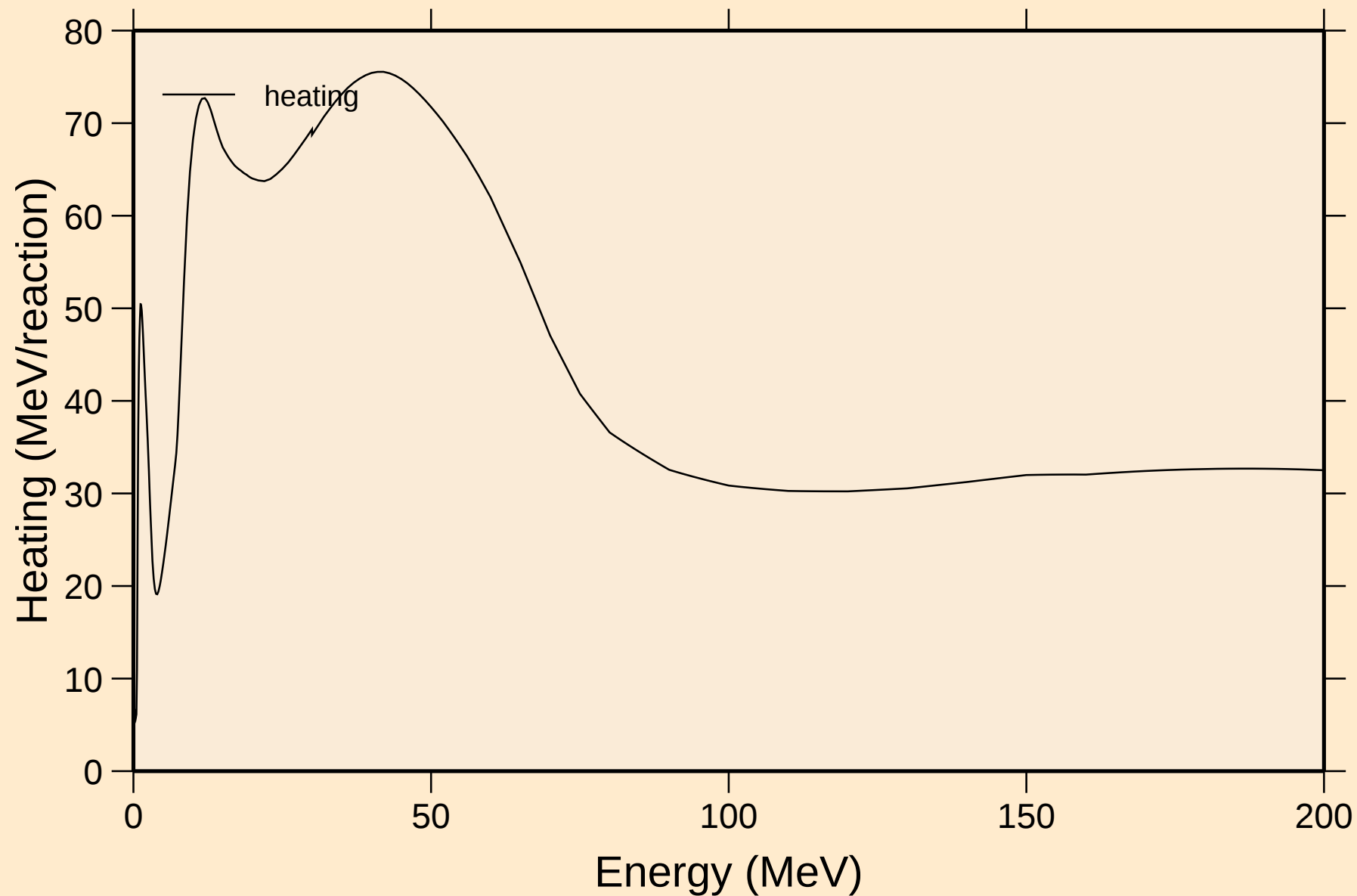
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



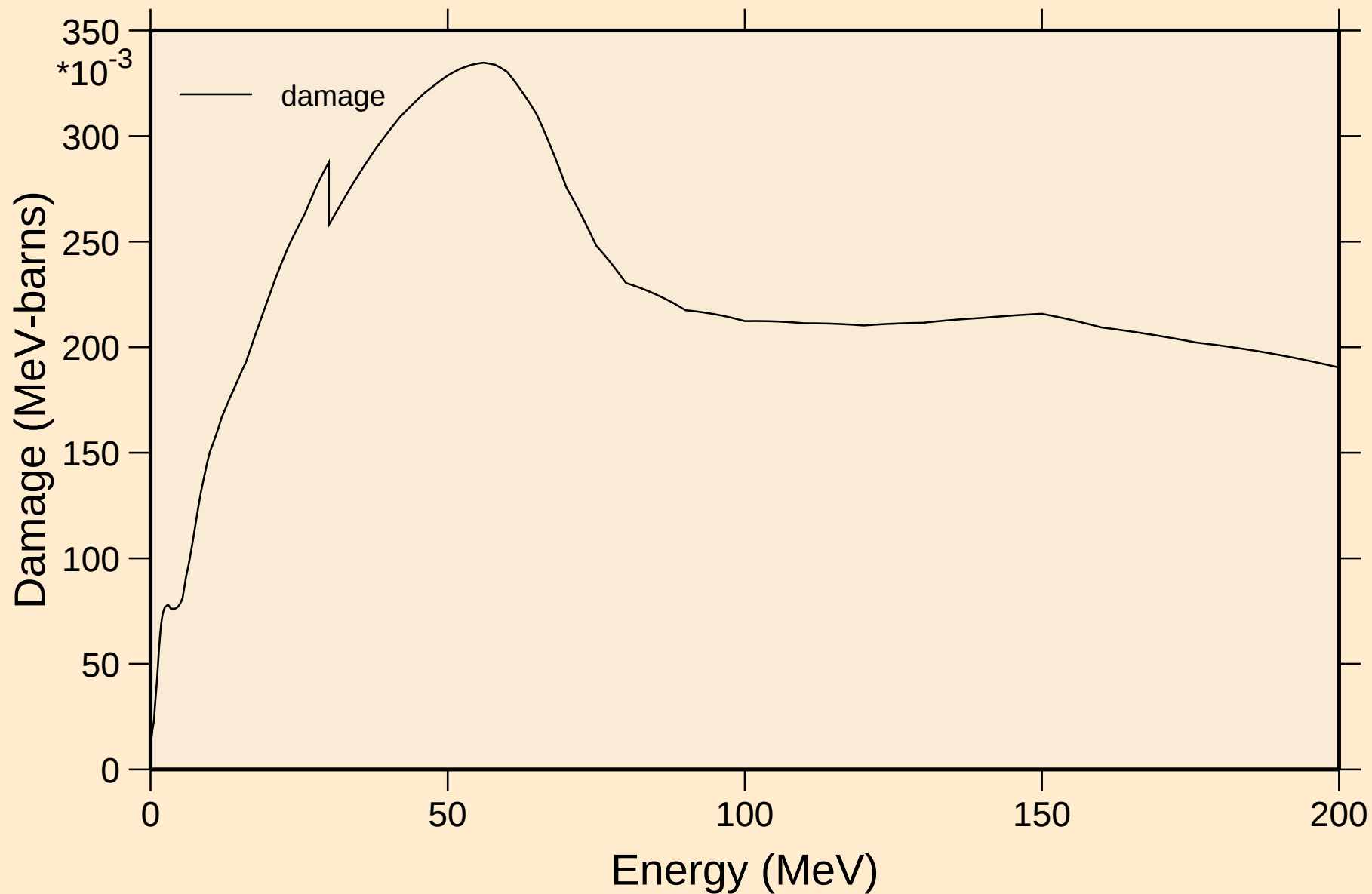
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

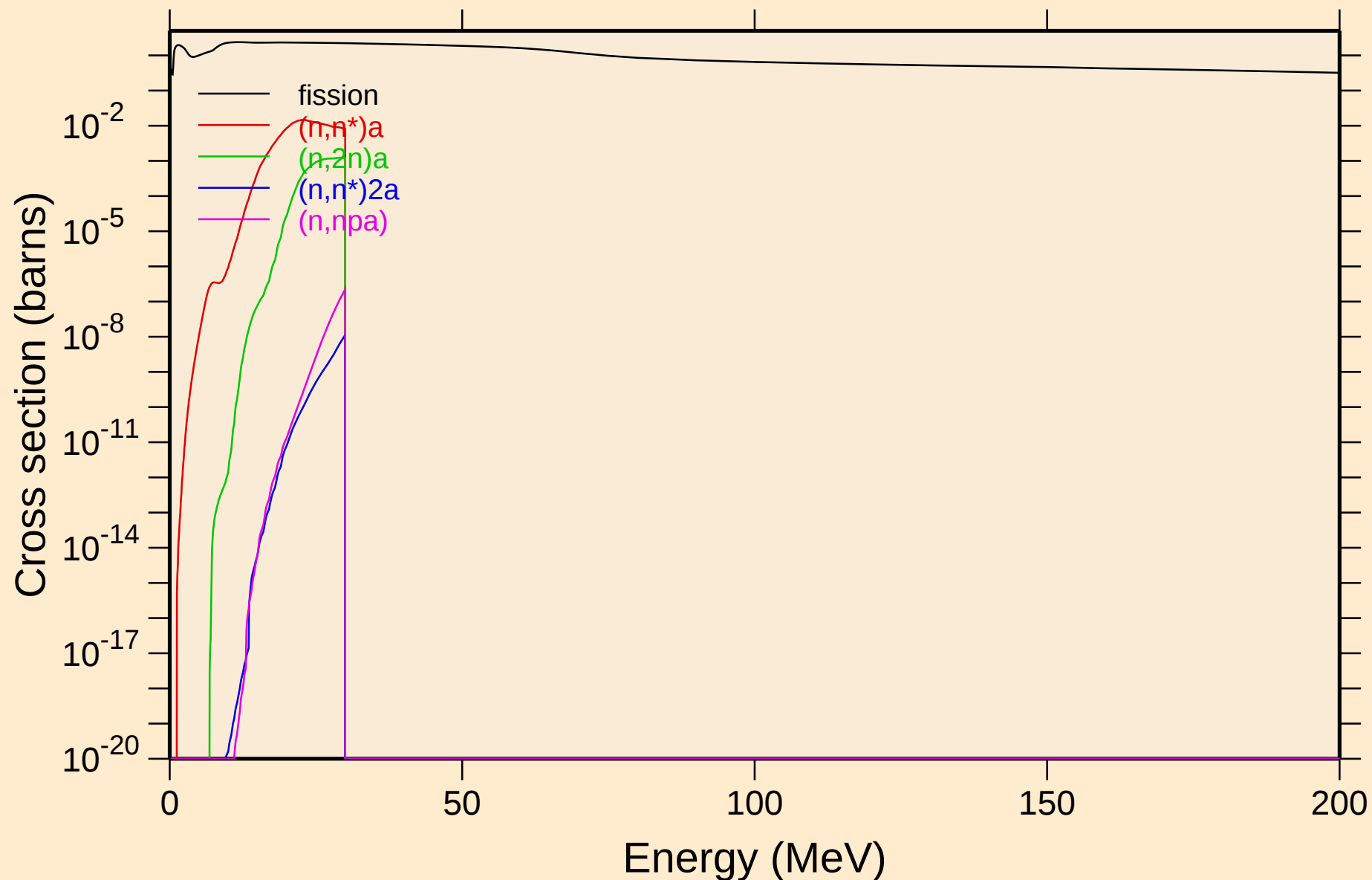


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

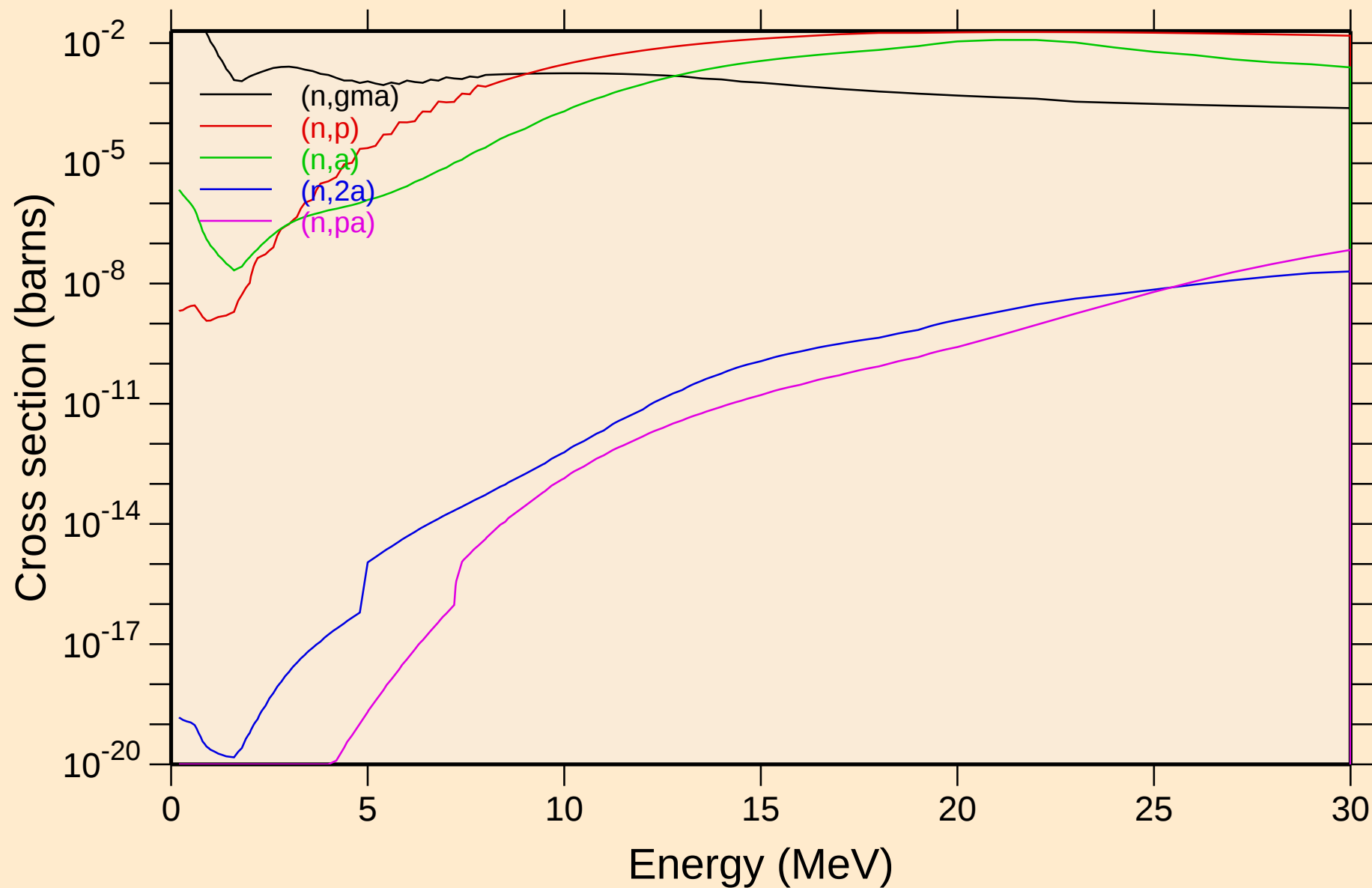
Damage



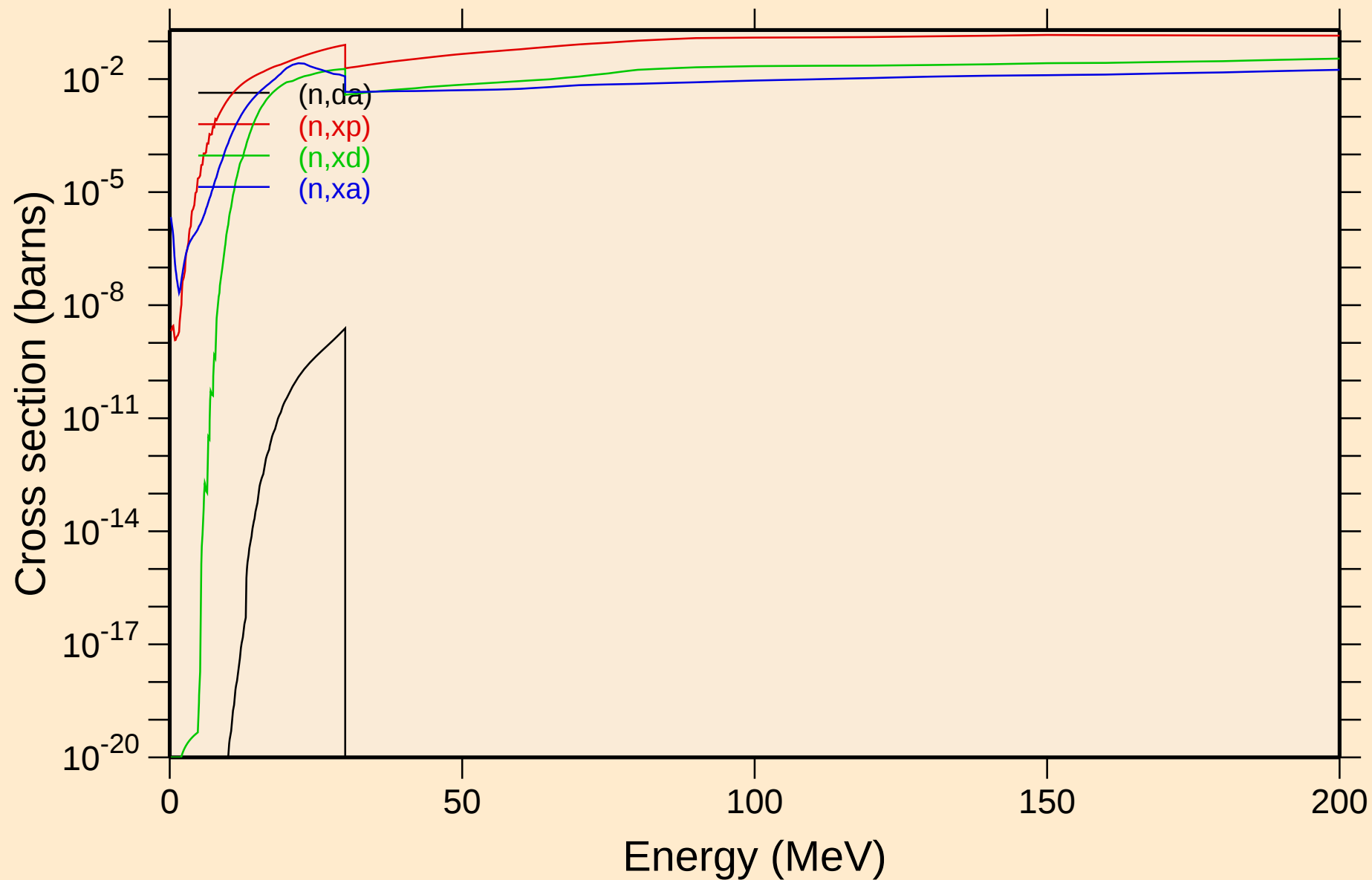
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

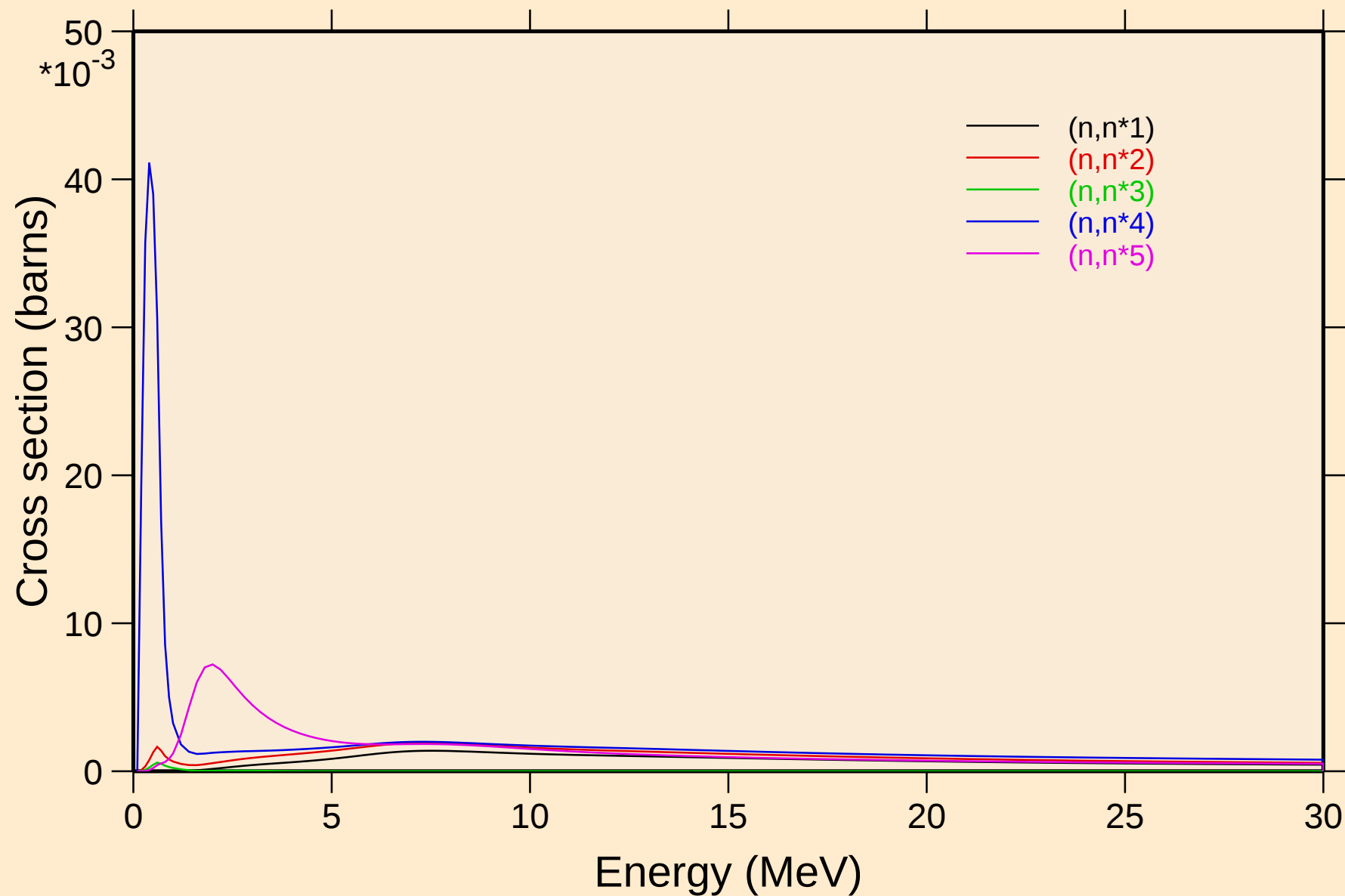


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



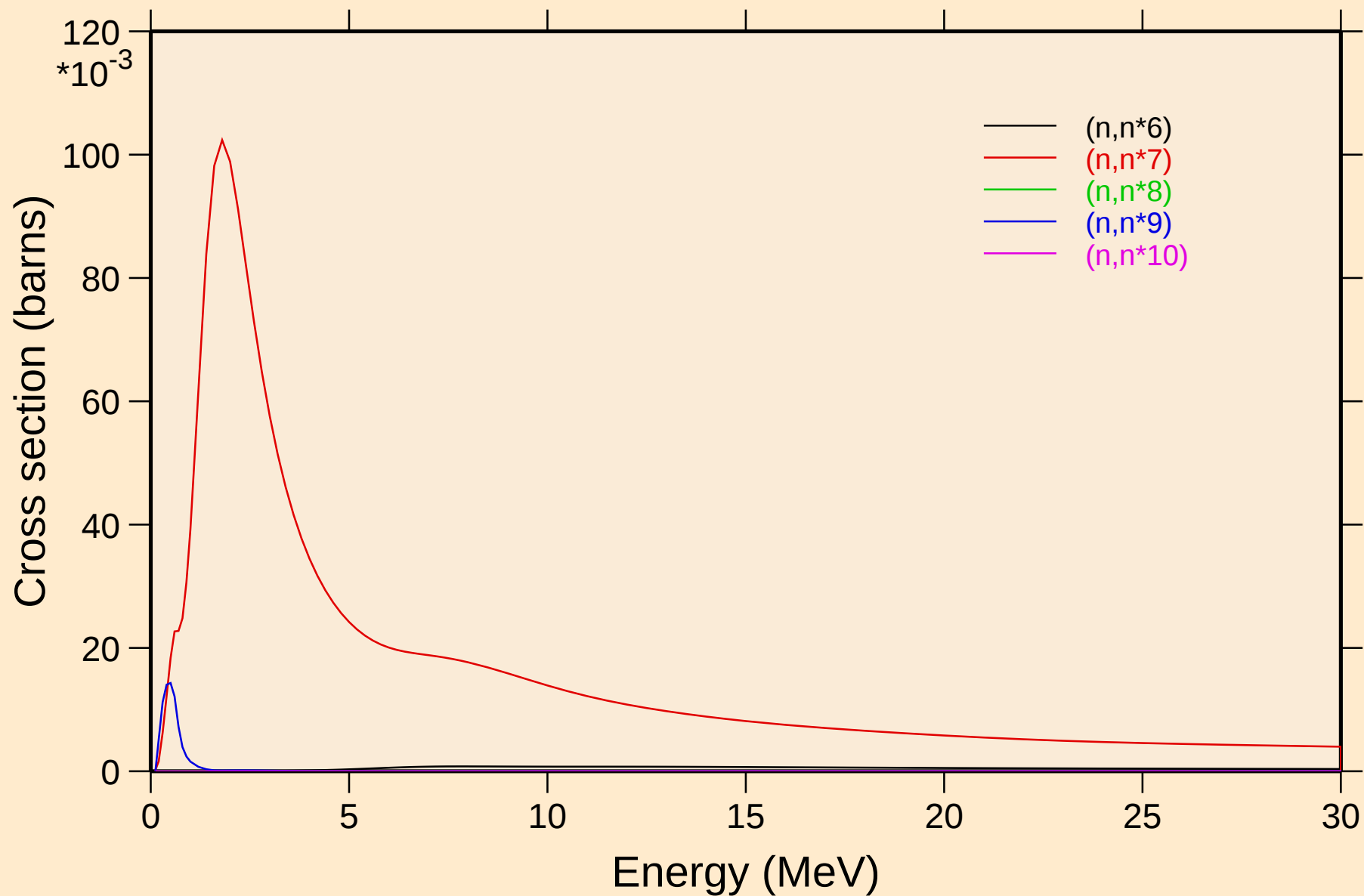
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



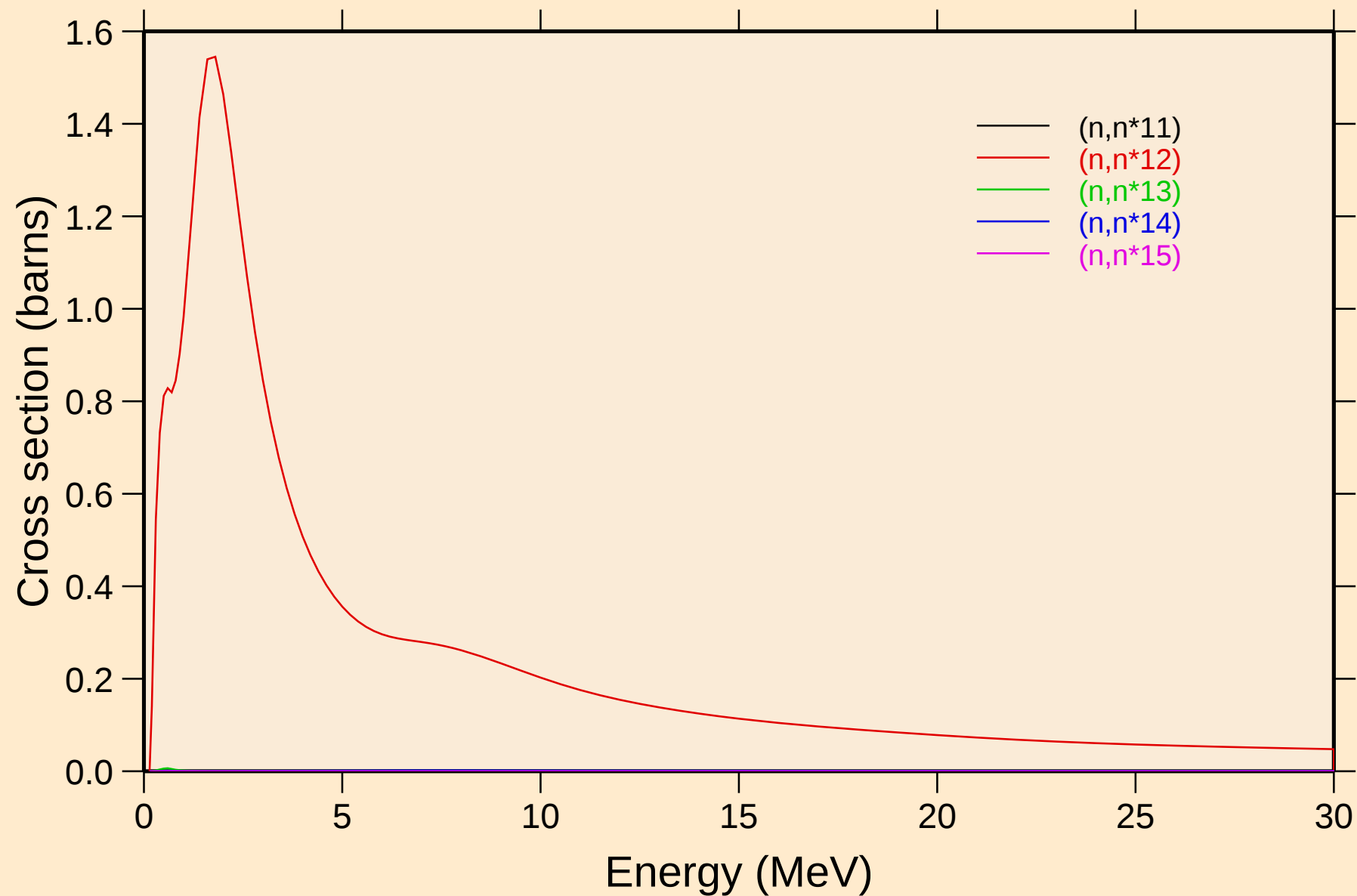
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



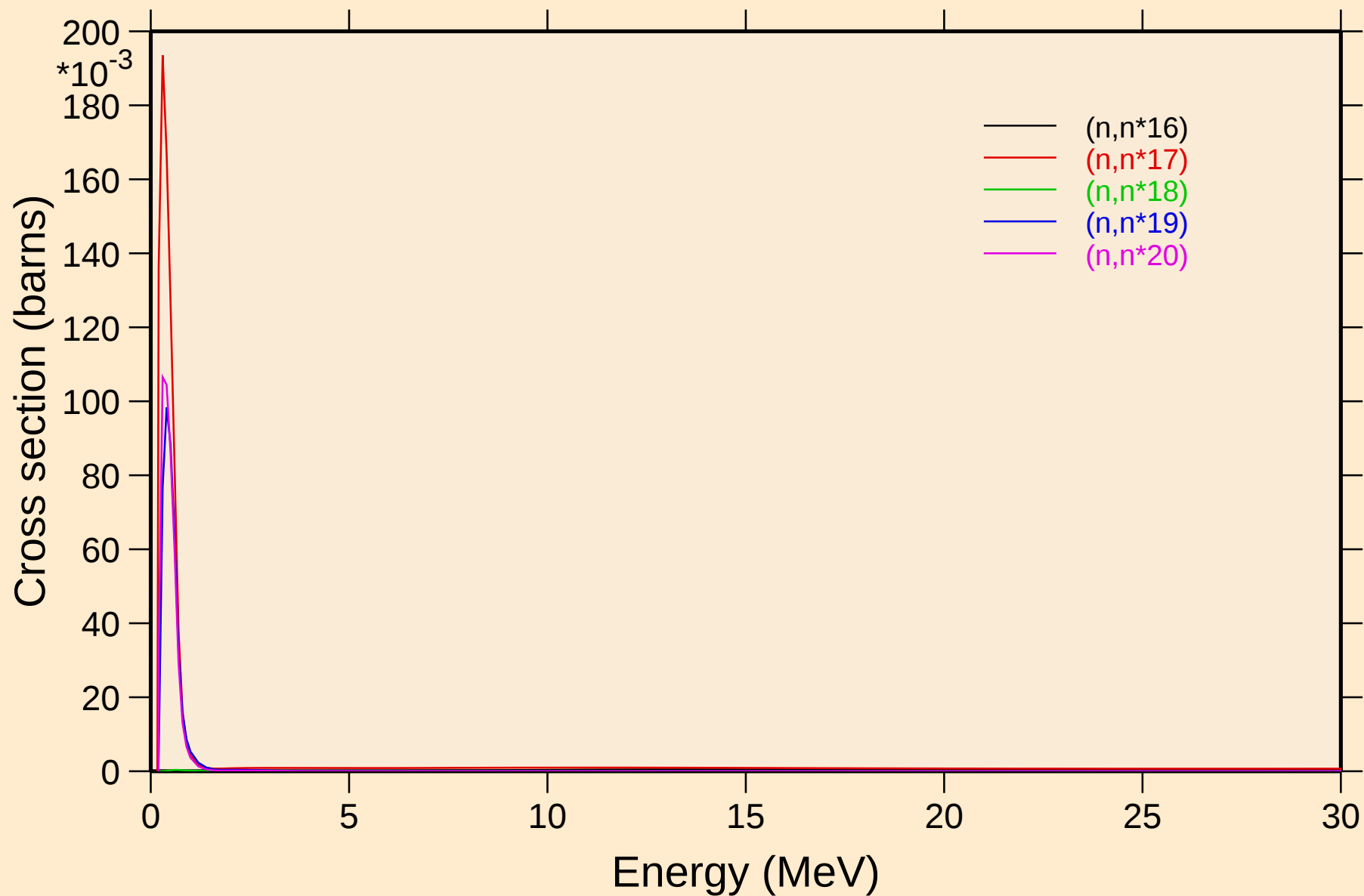
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



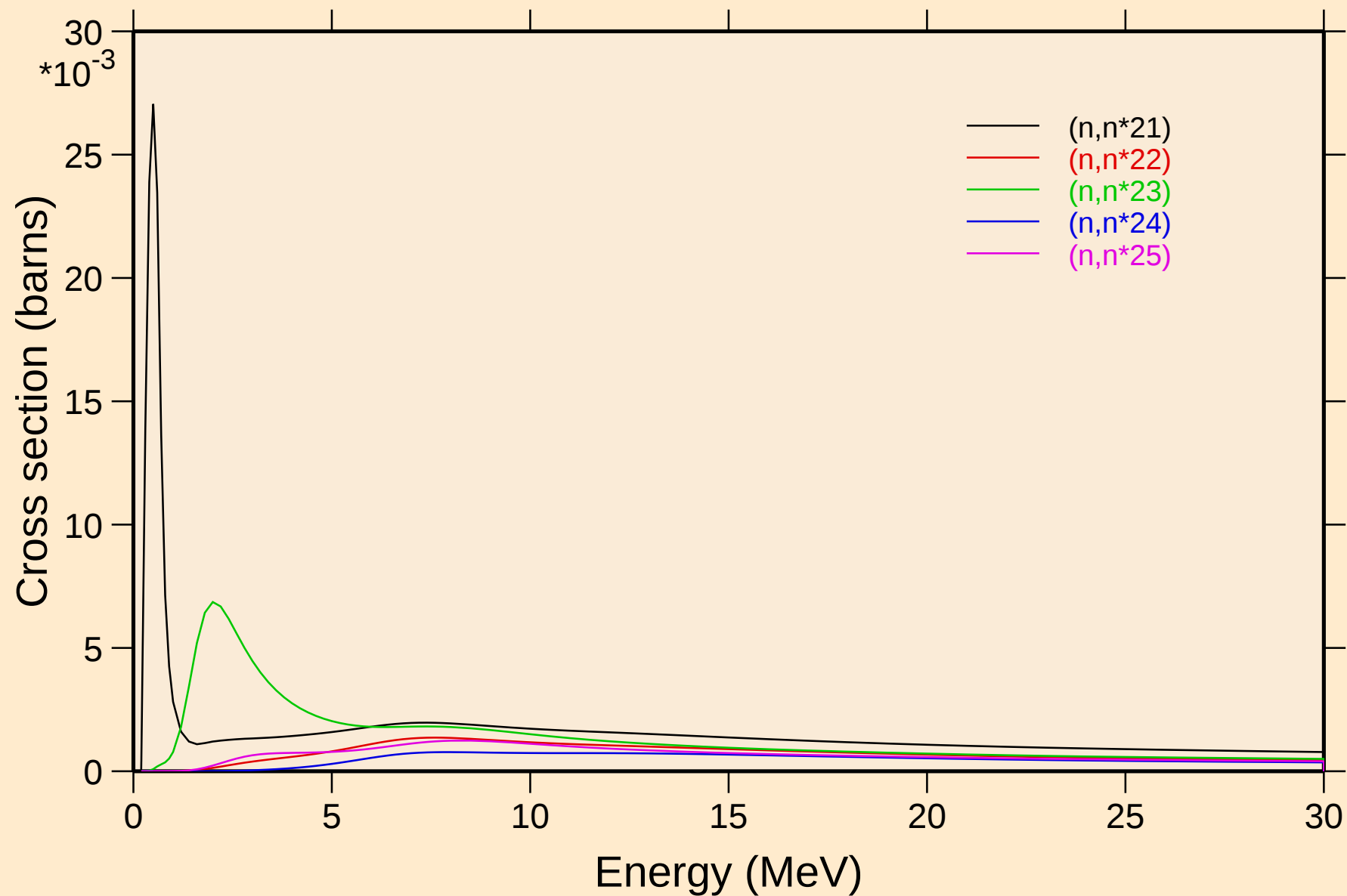
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



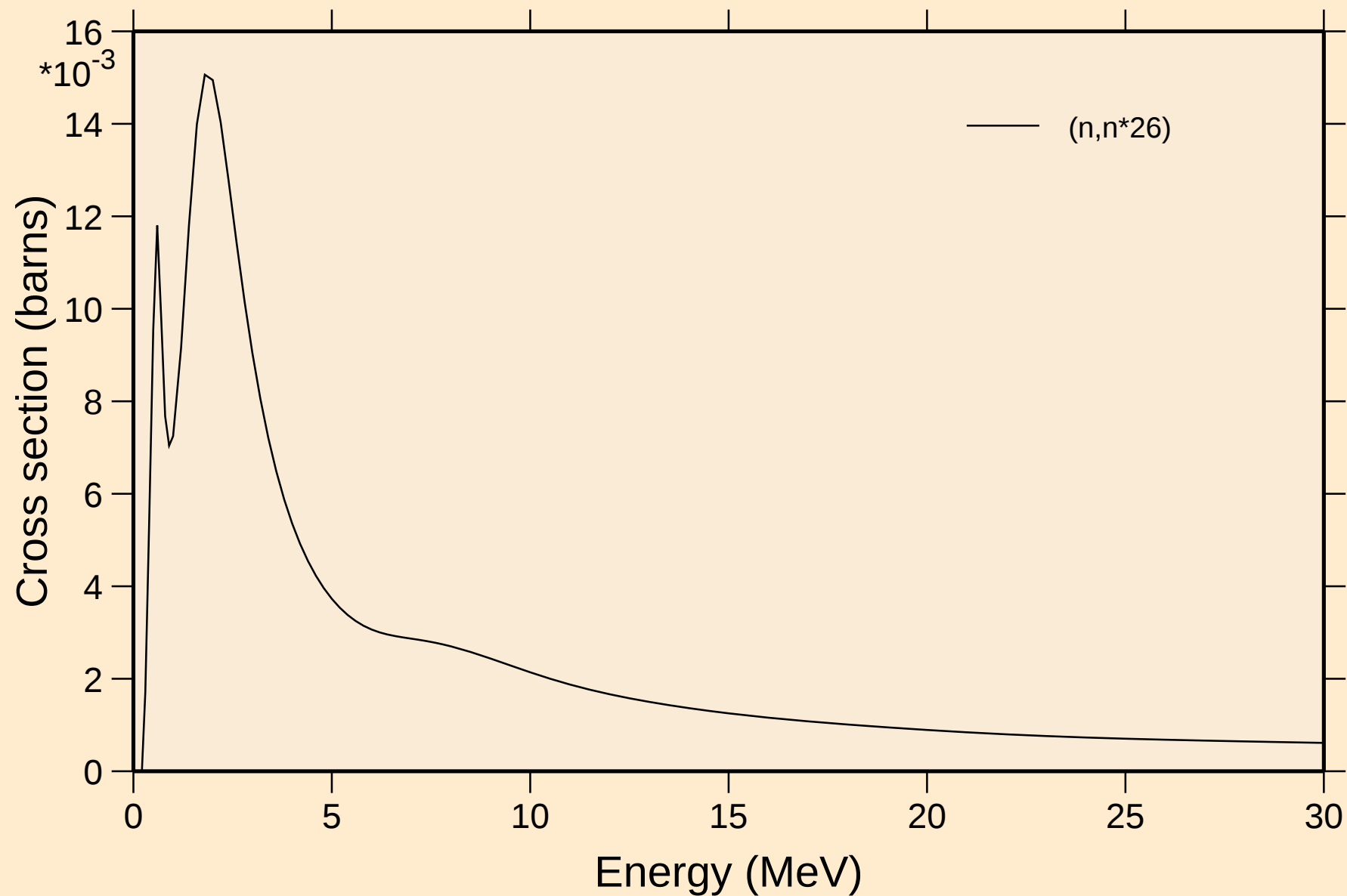
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



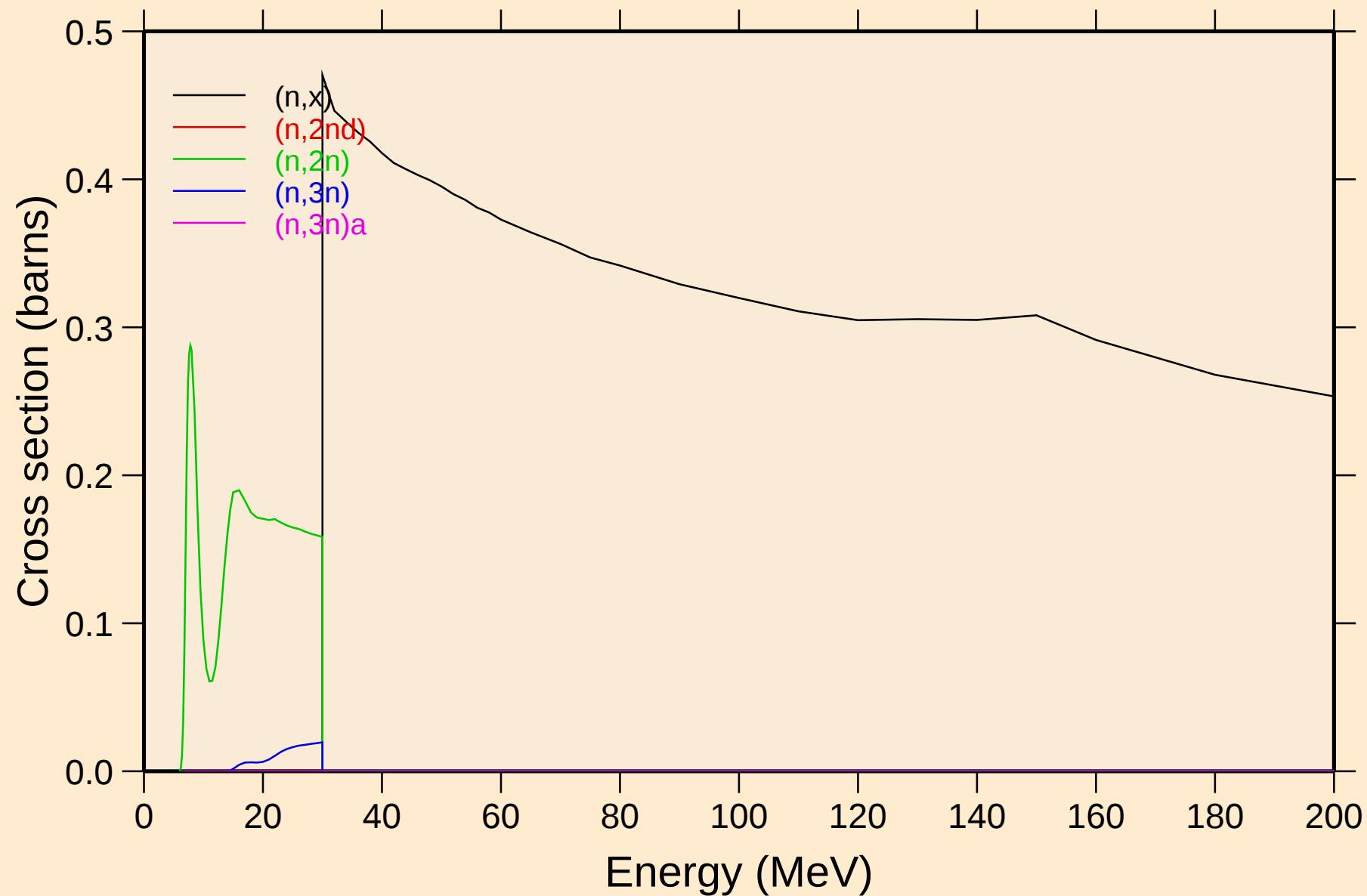
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



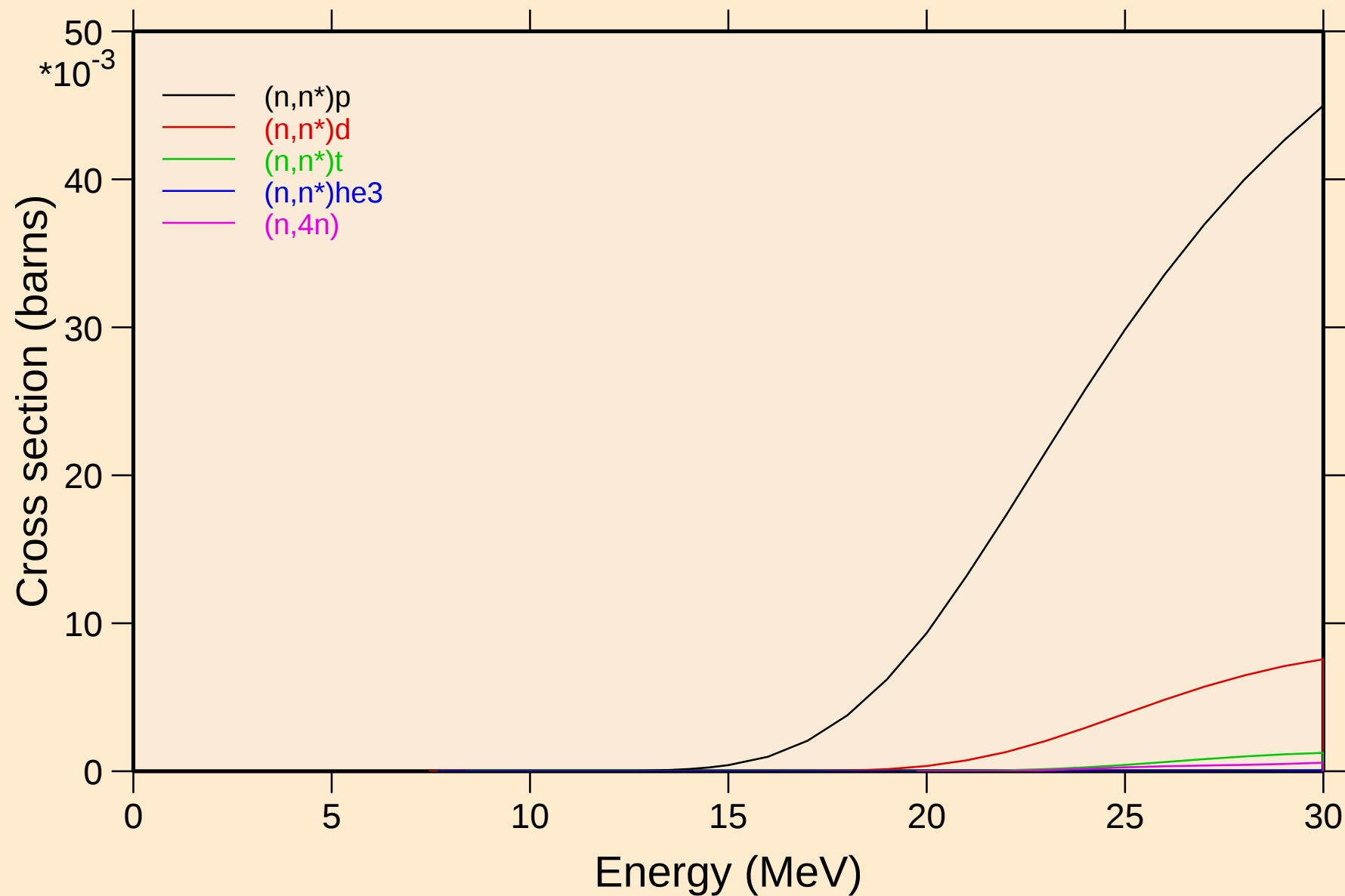
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



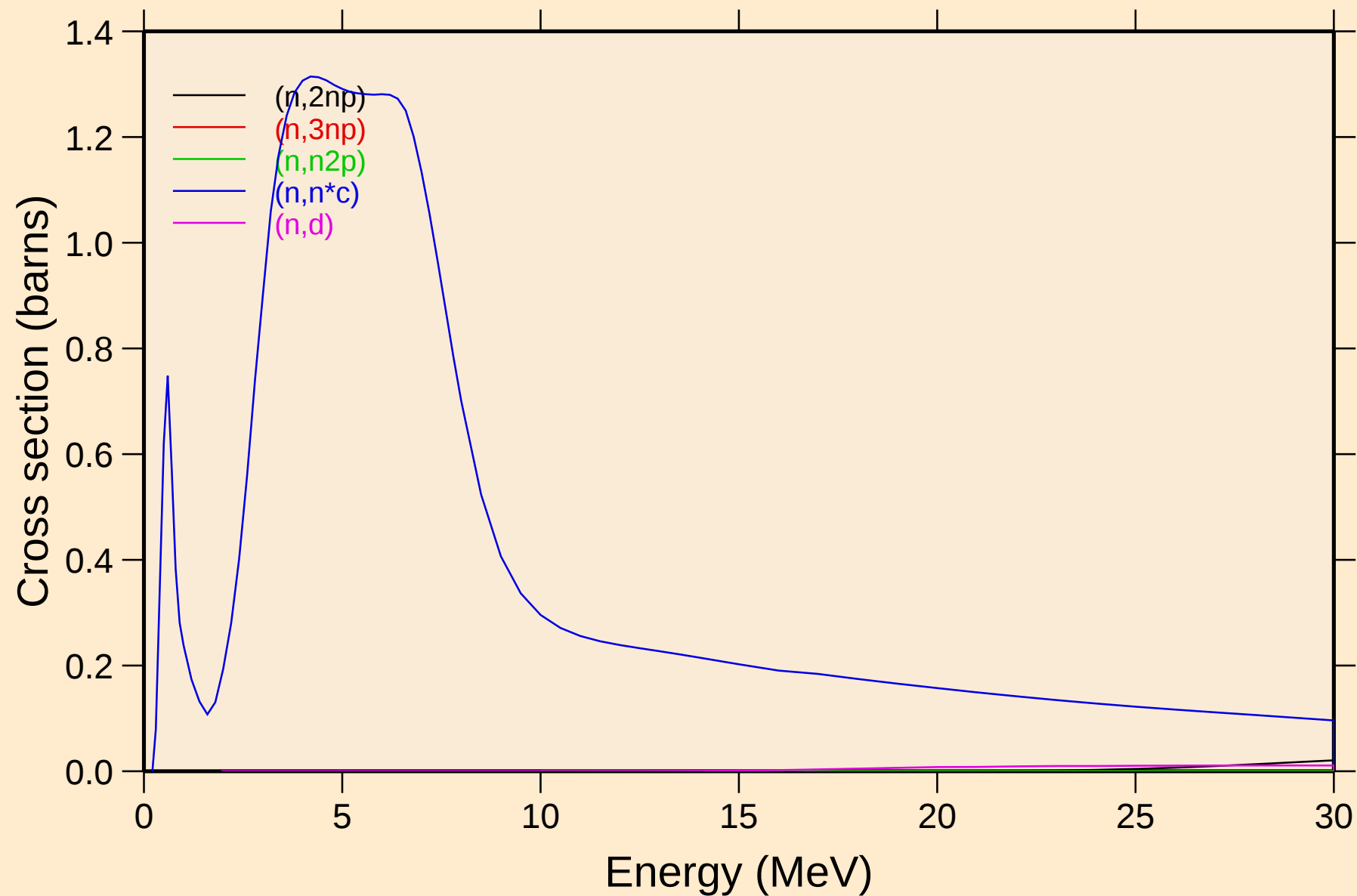
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



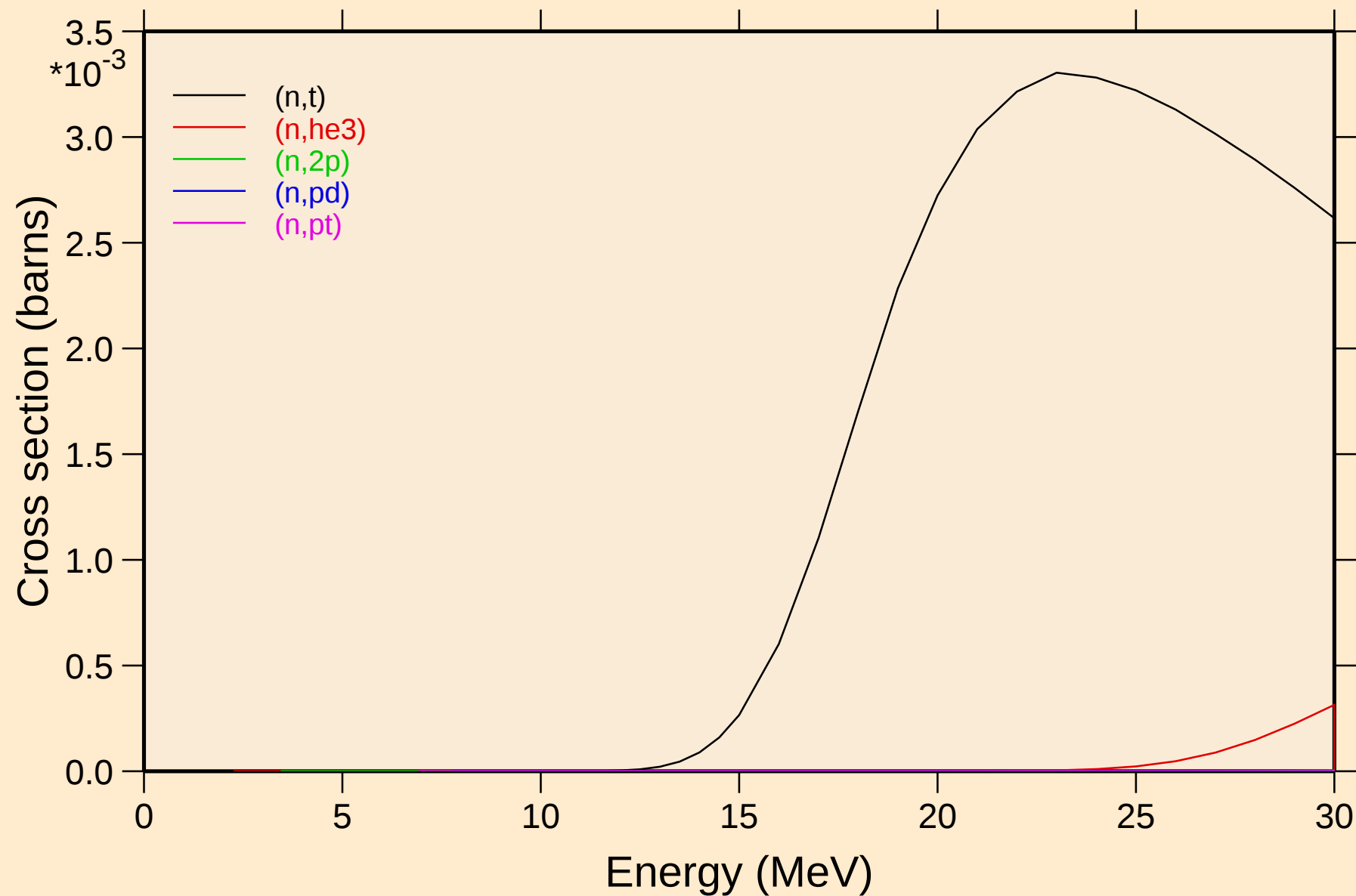
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



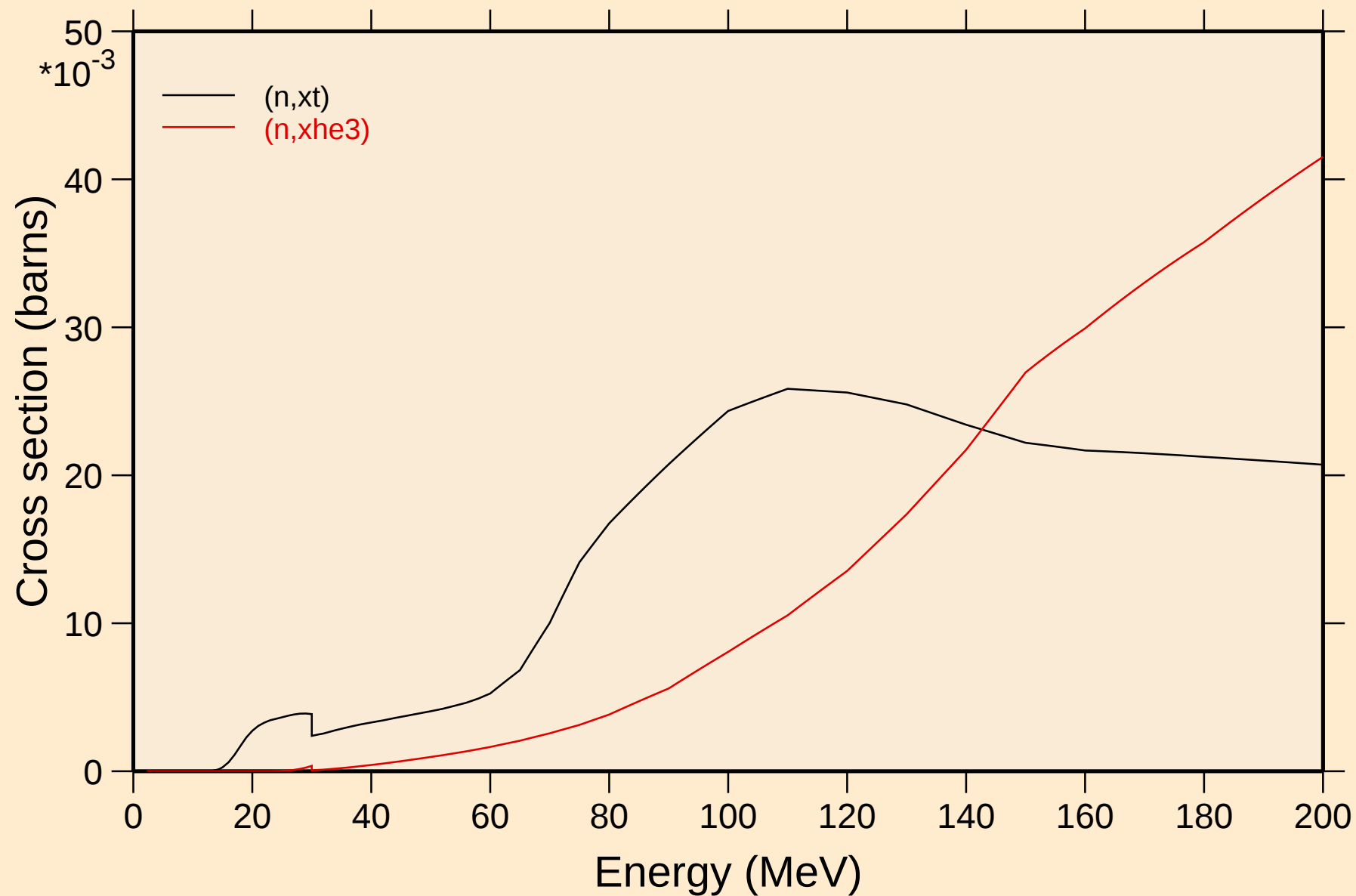
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

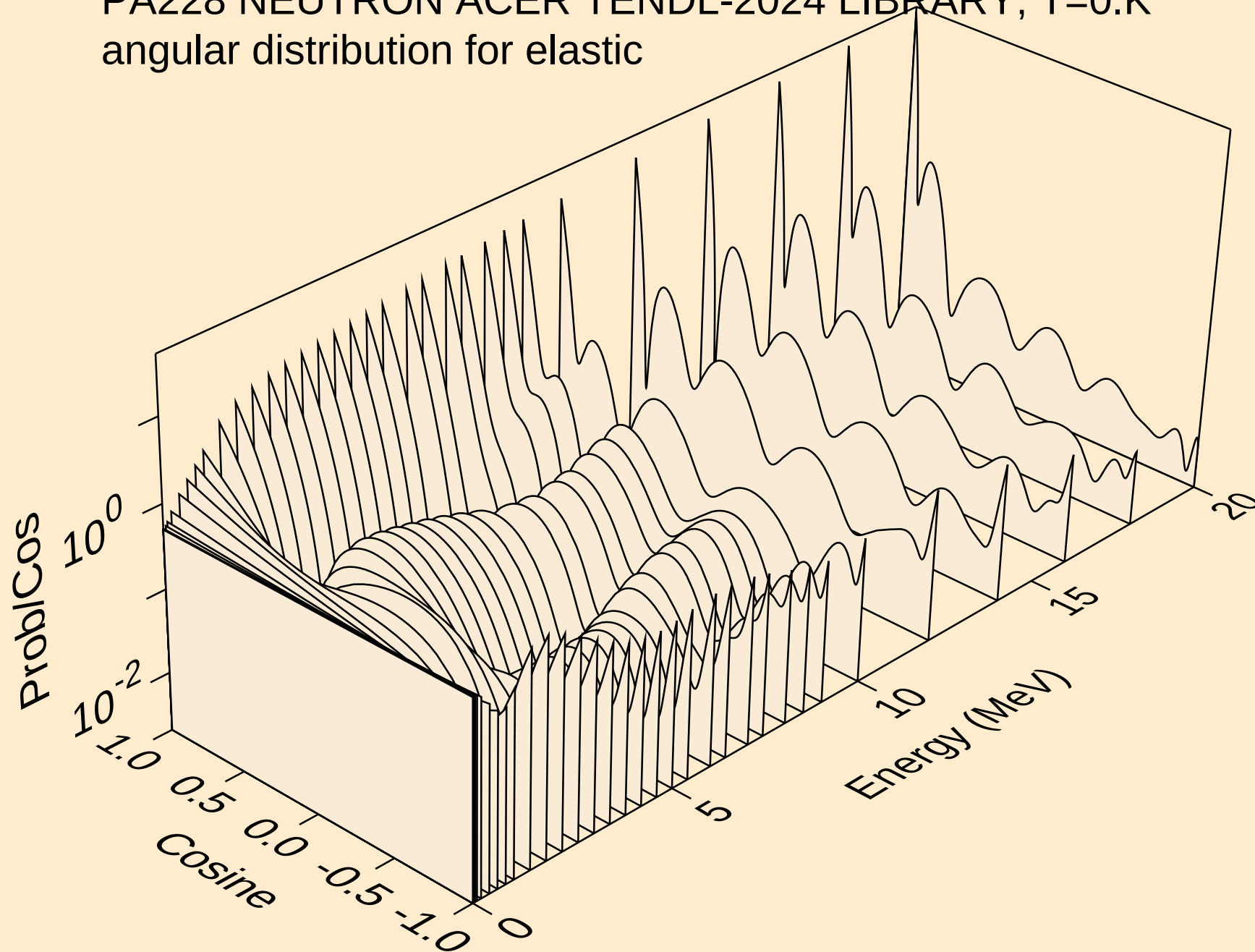


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

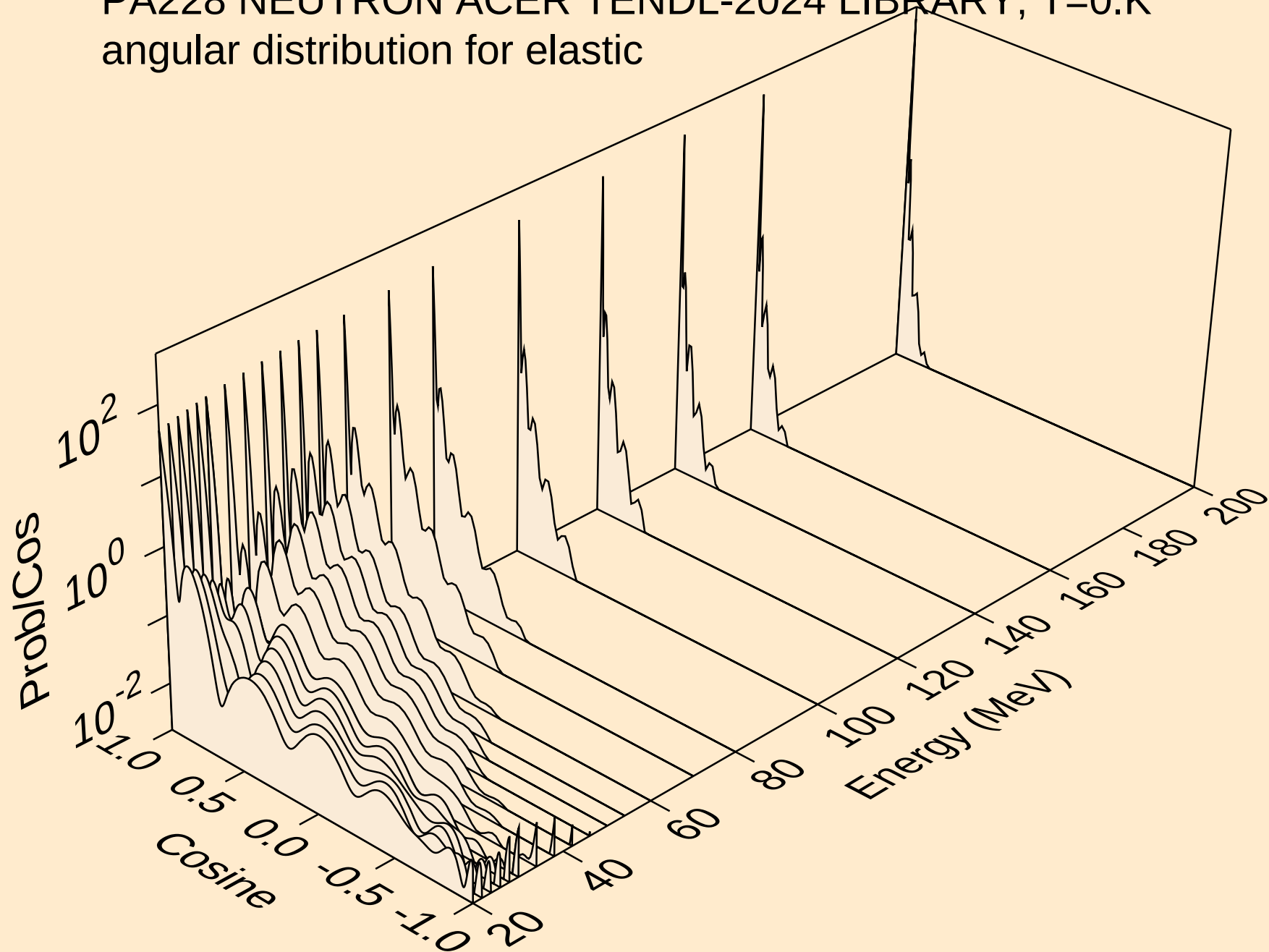
Threshold reactions



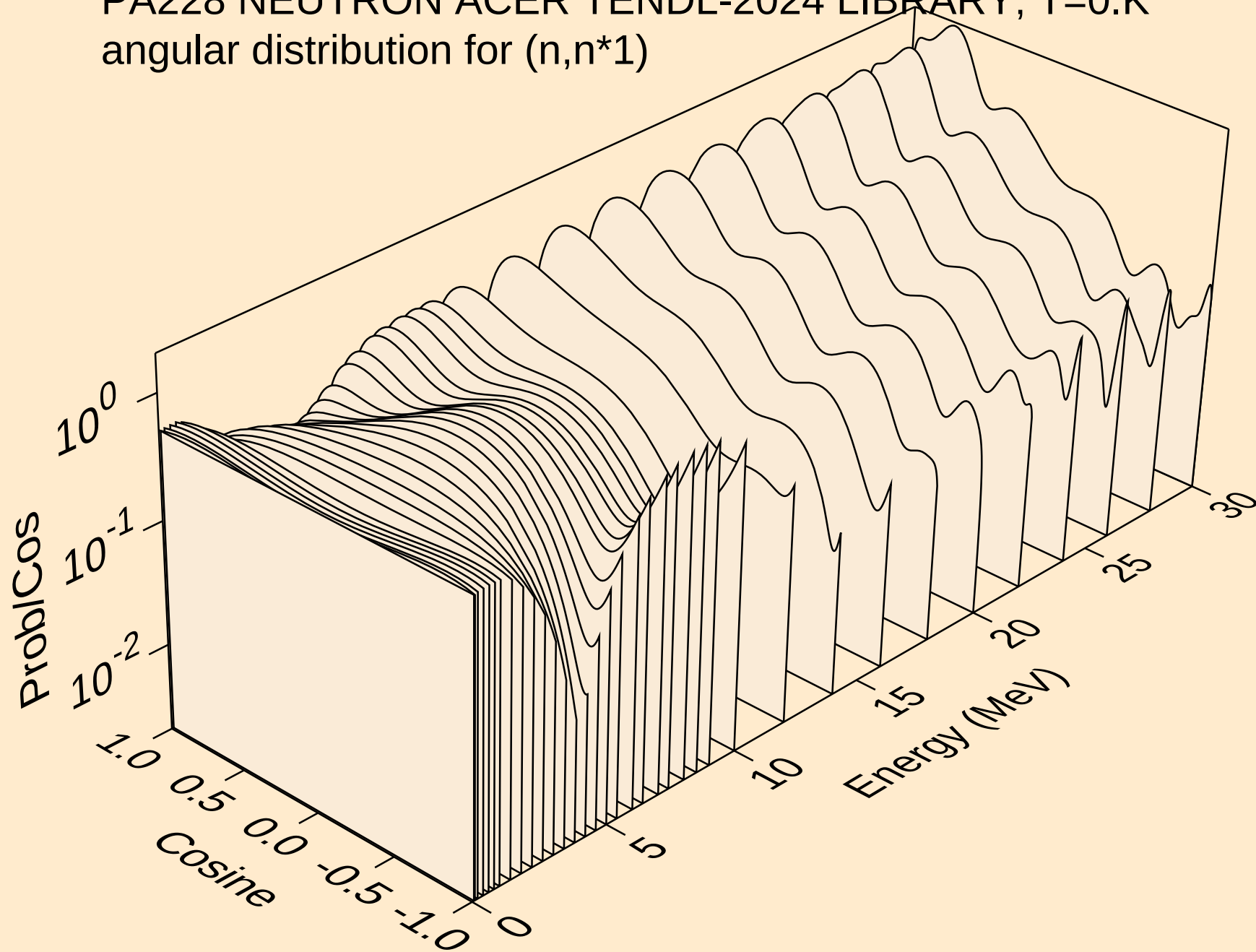
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



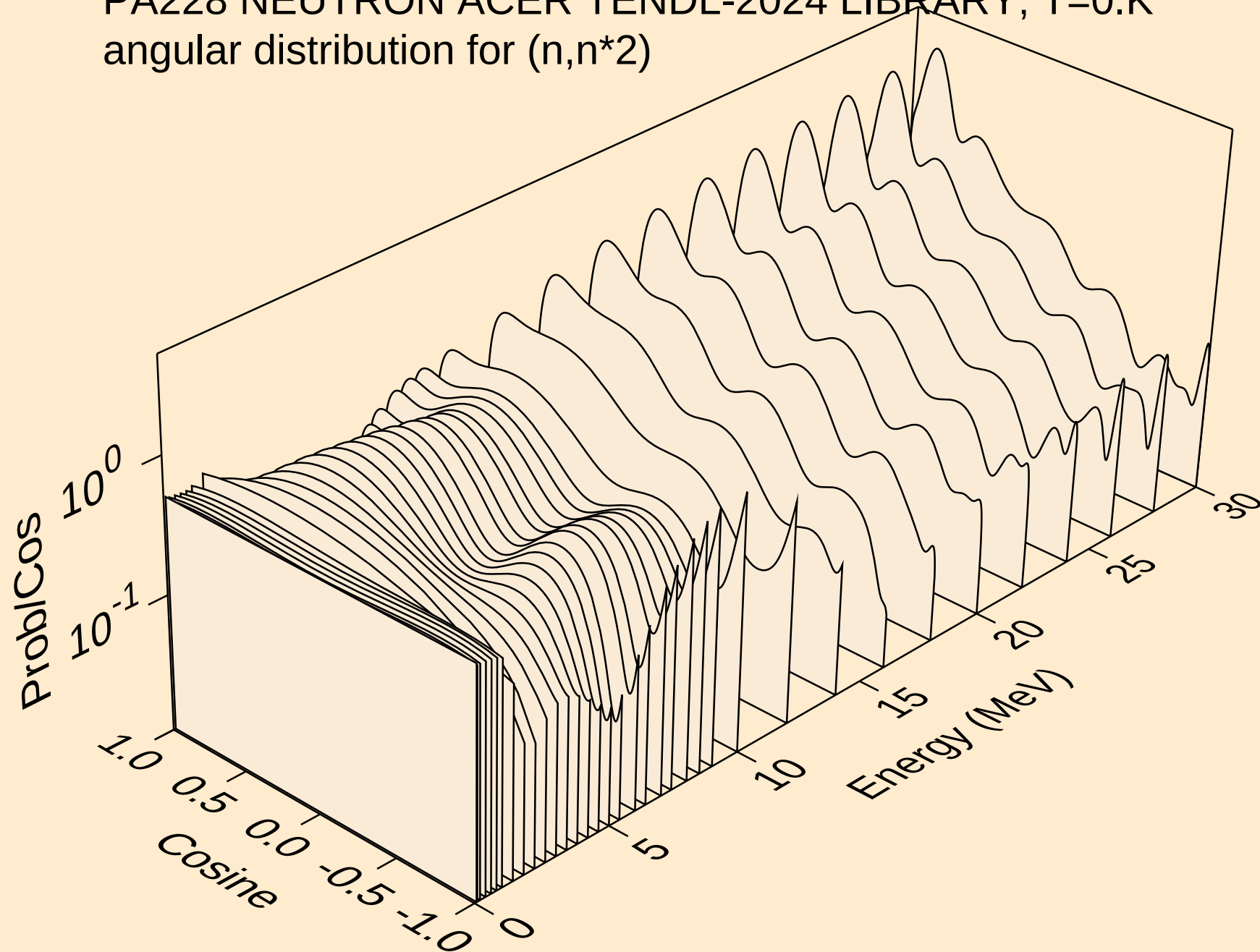
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



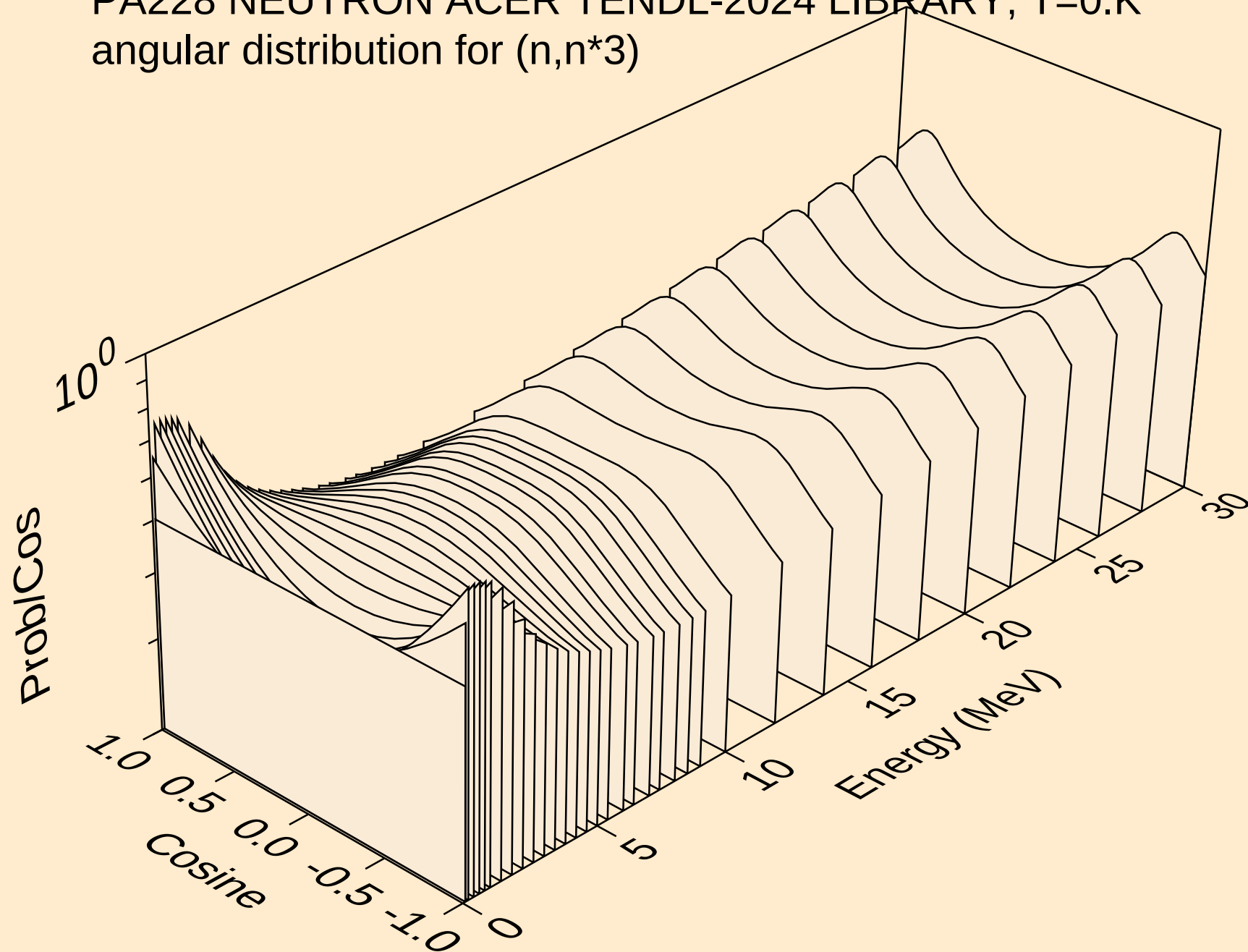
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



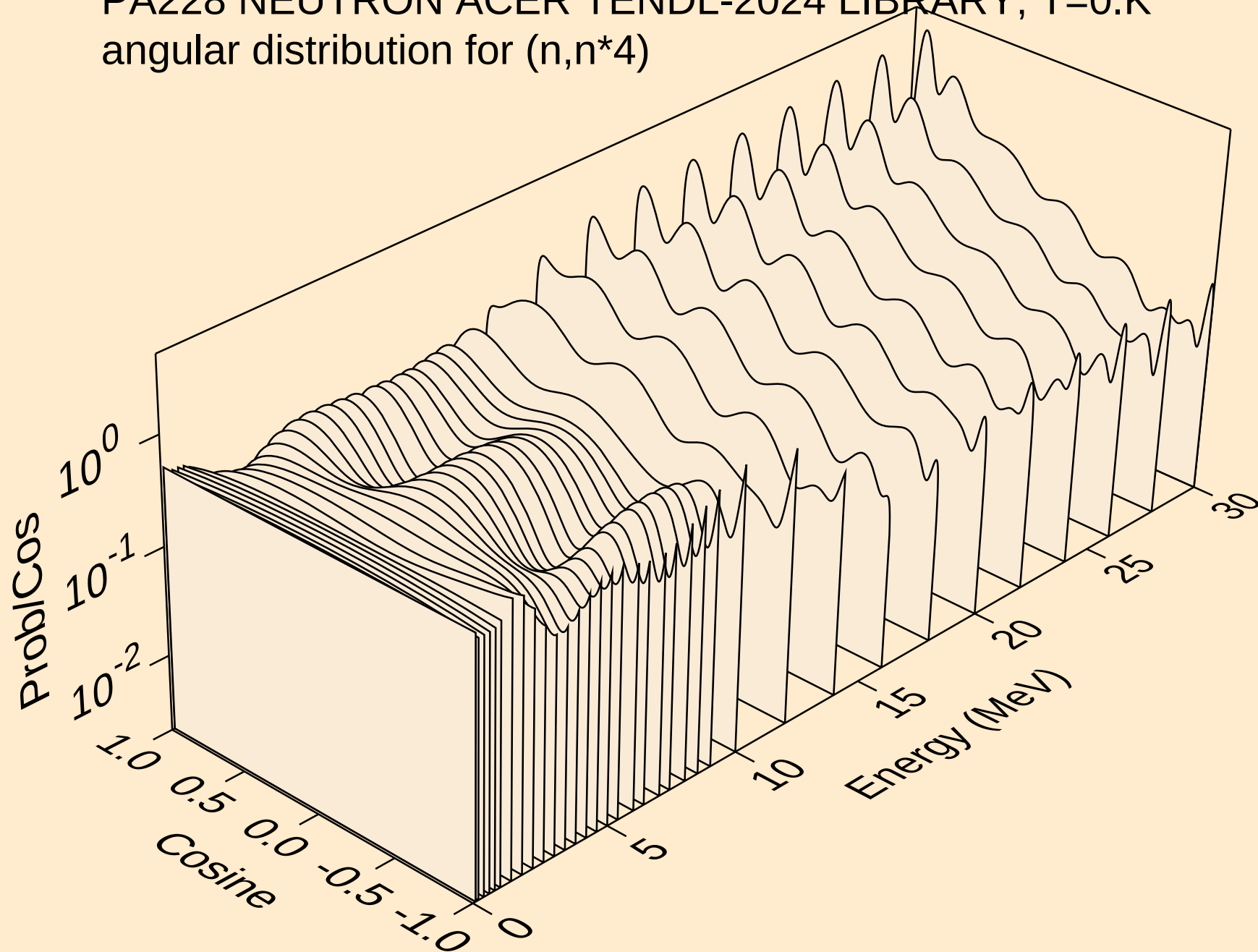
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



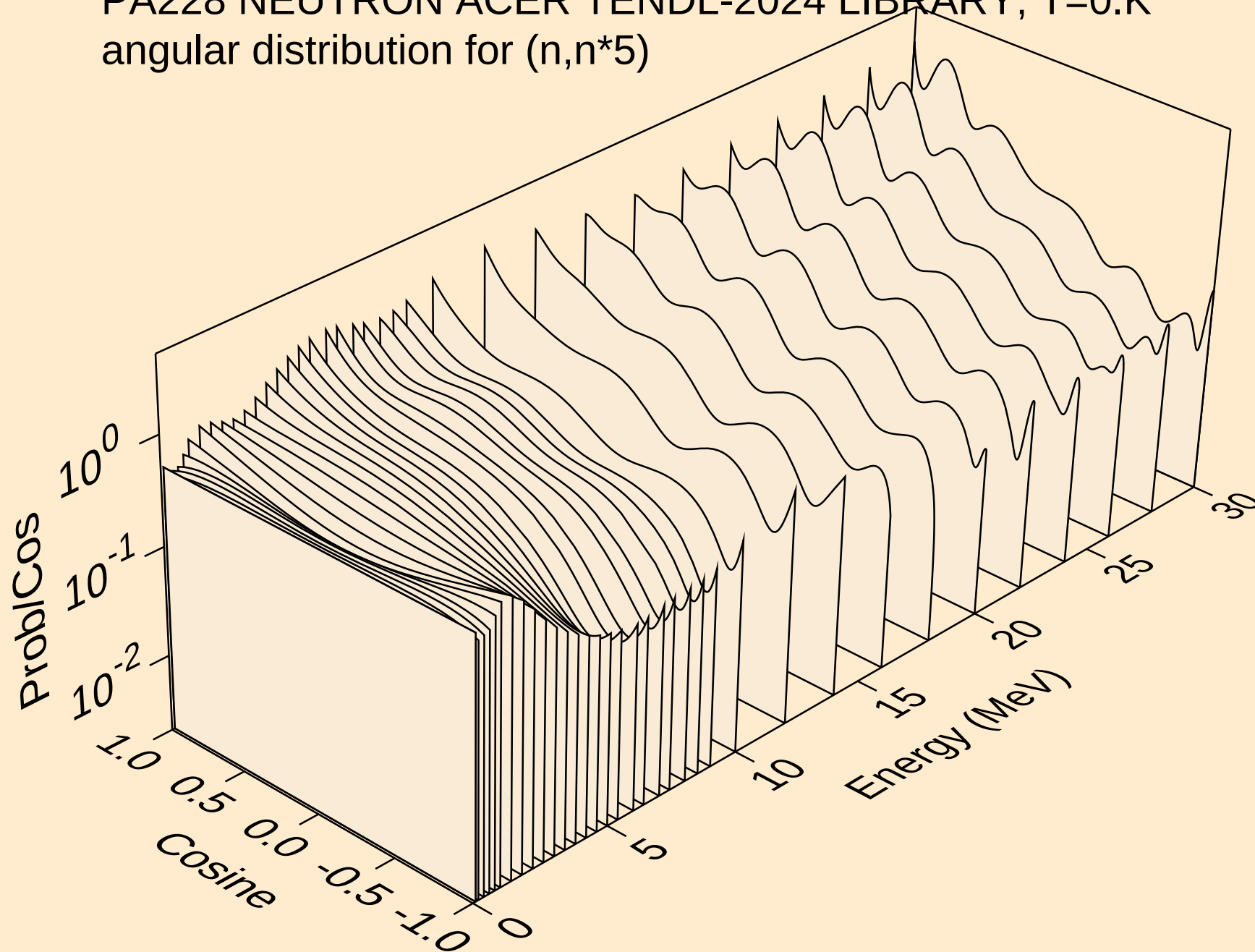
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



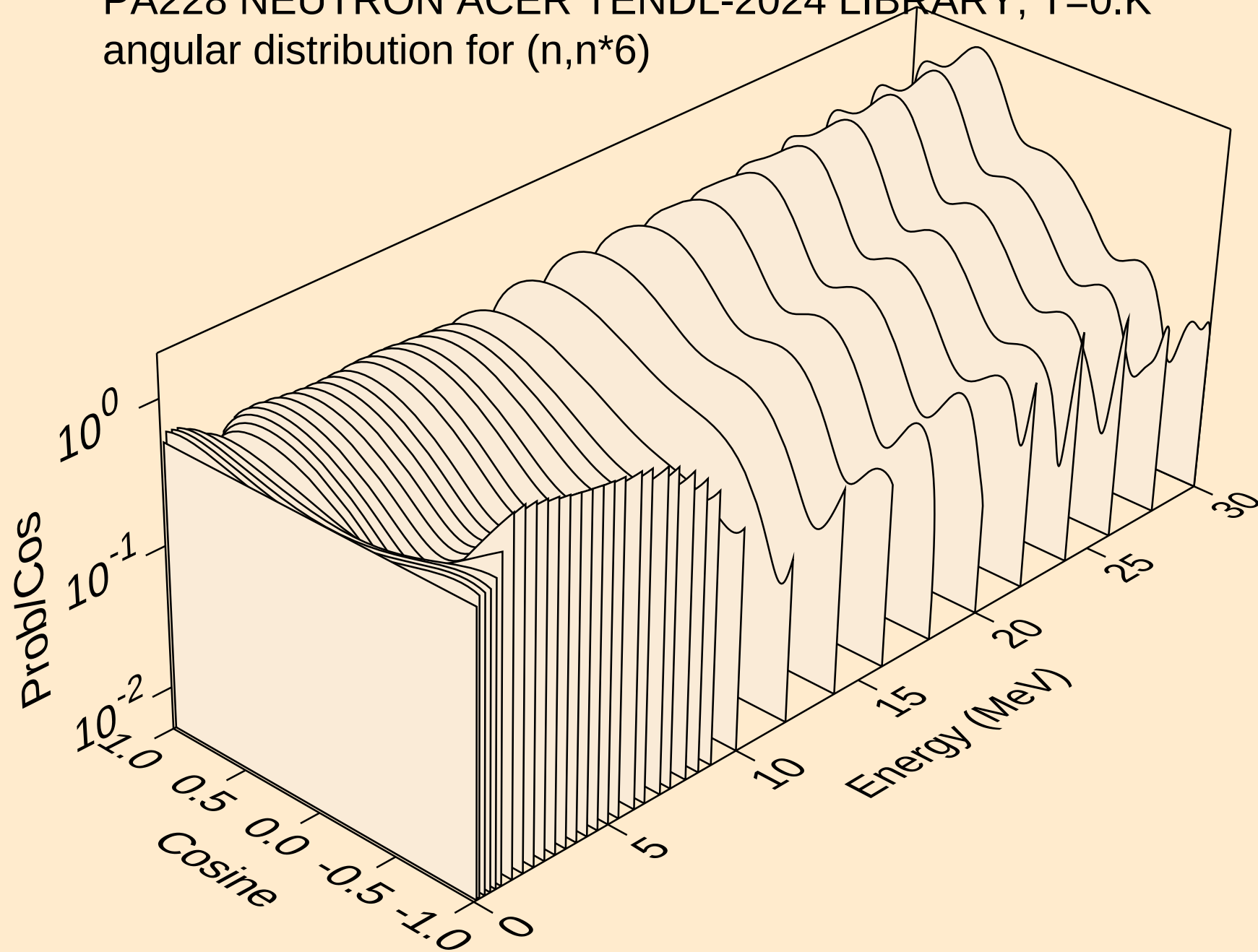
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



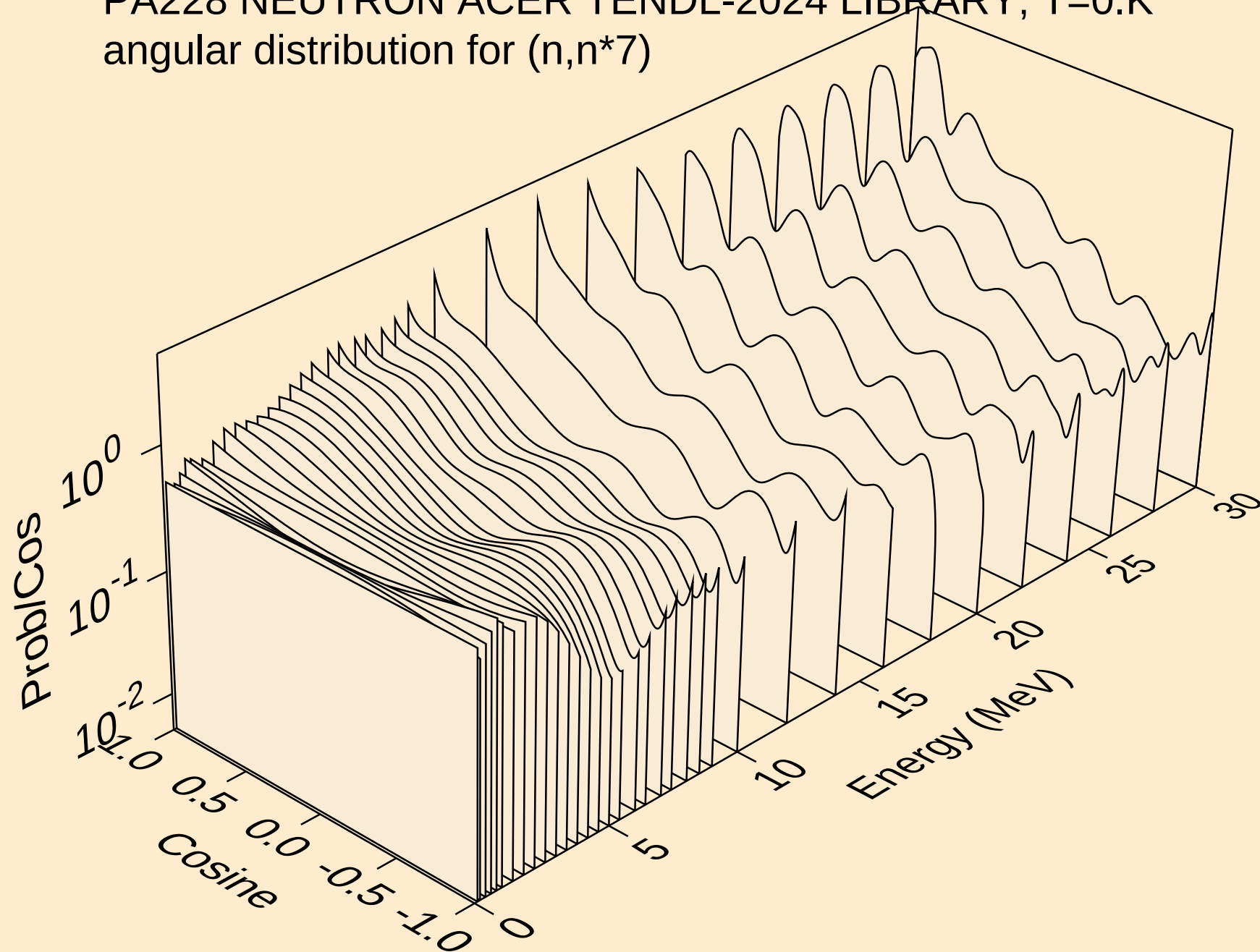
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



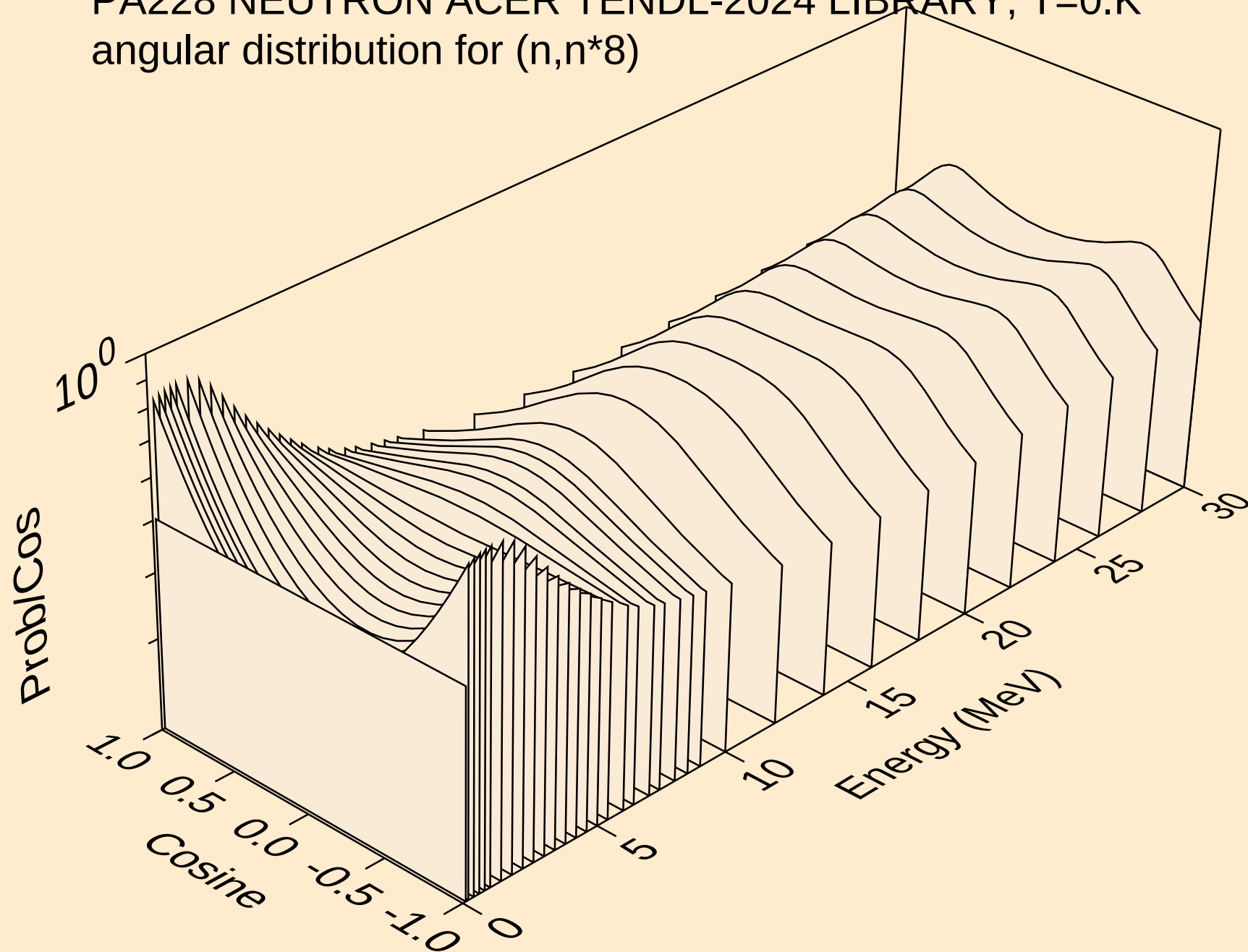
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



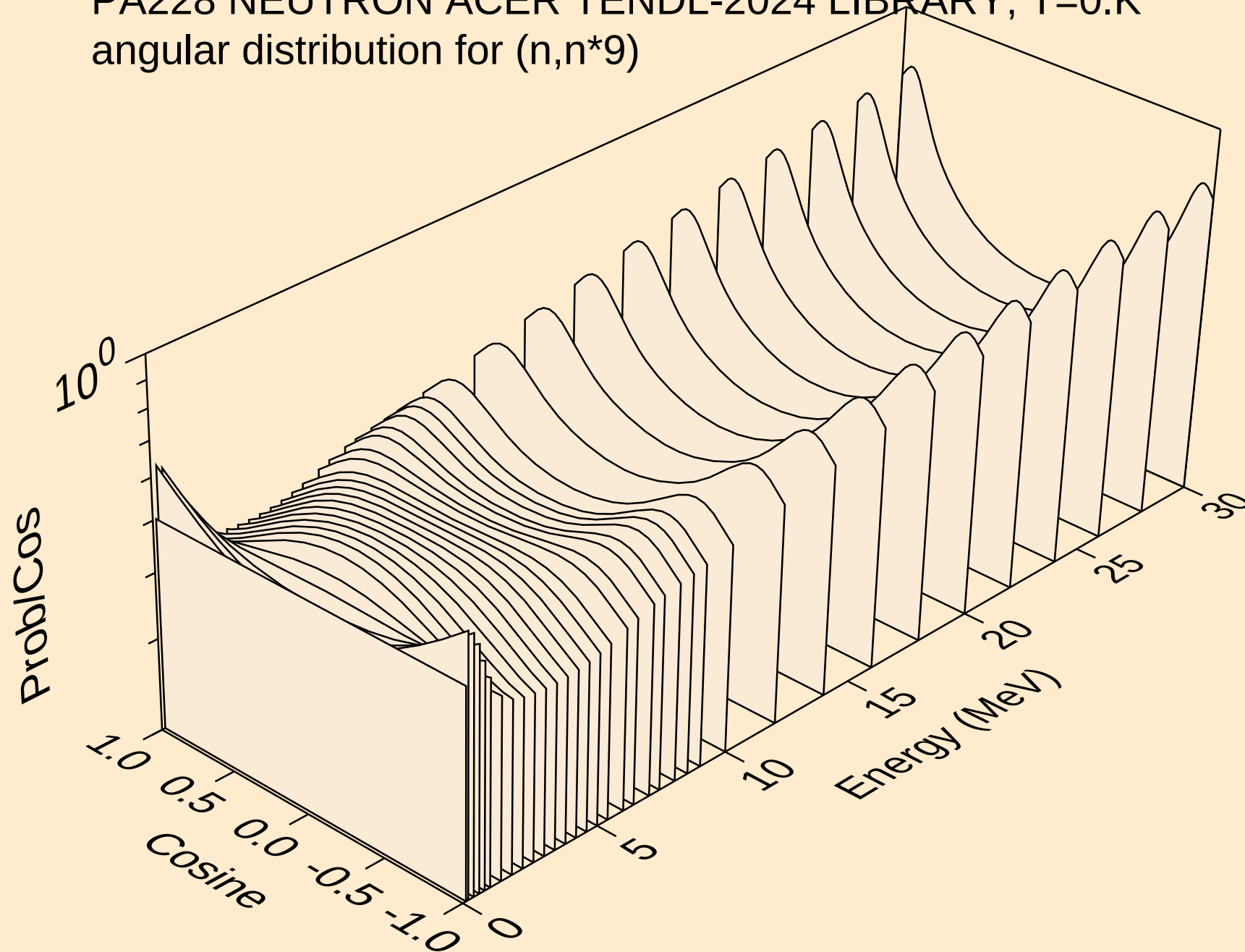
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



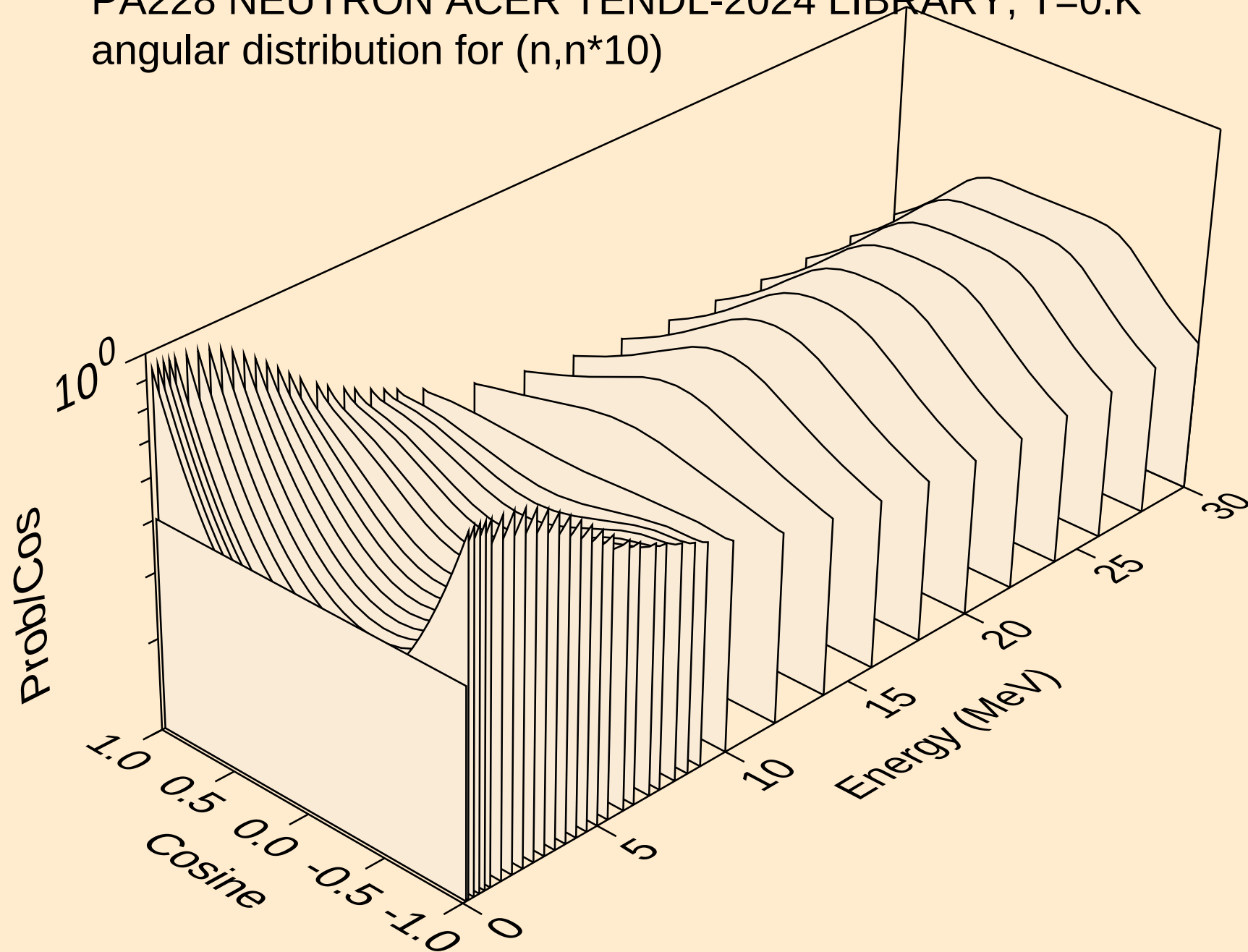
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



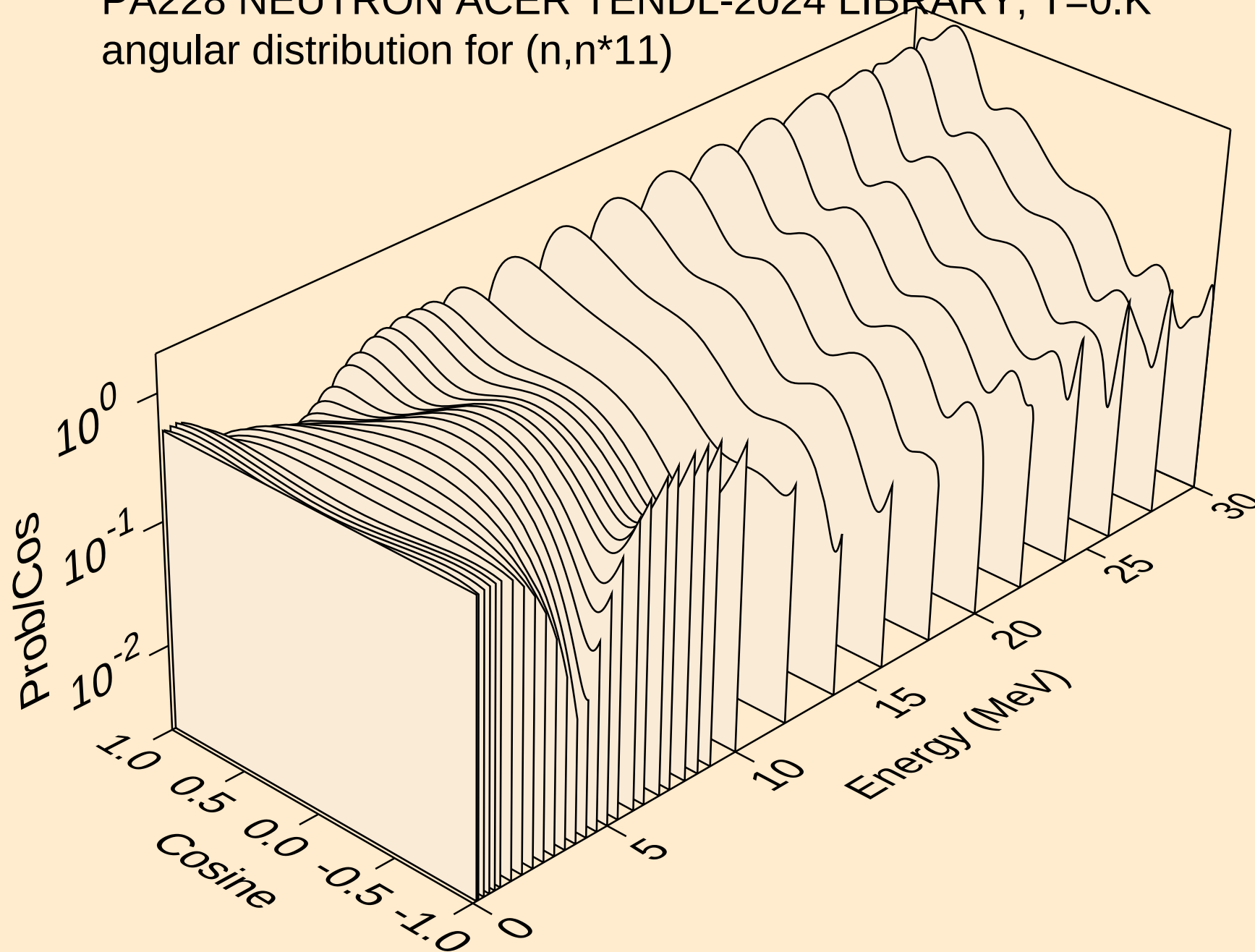
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



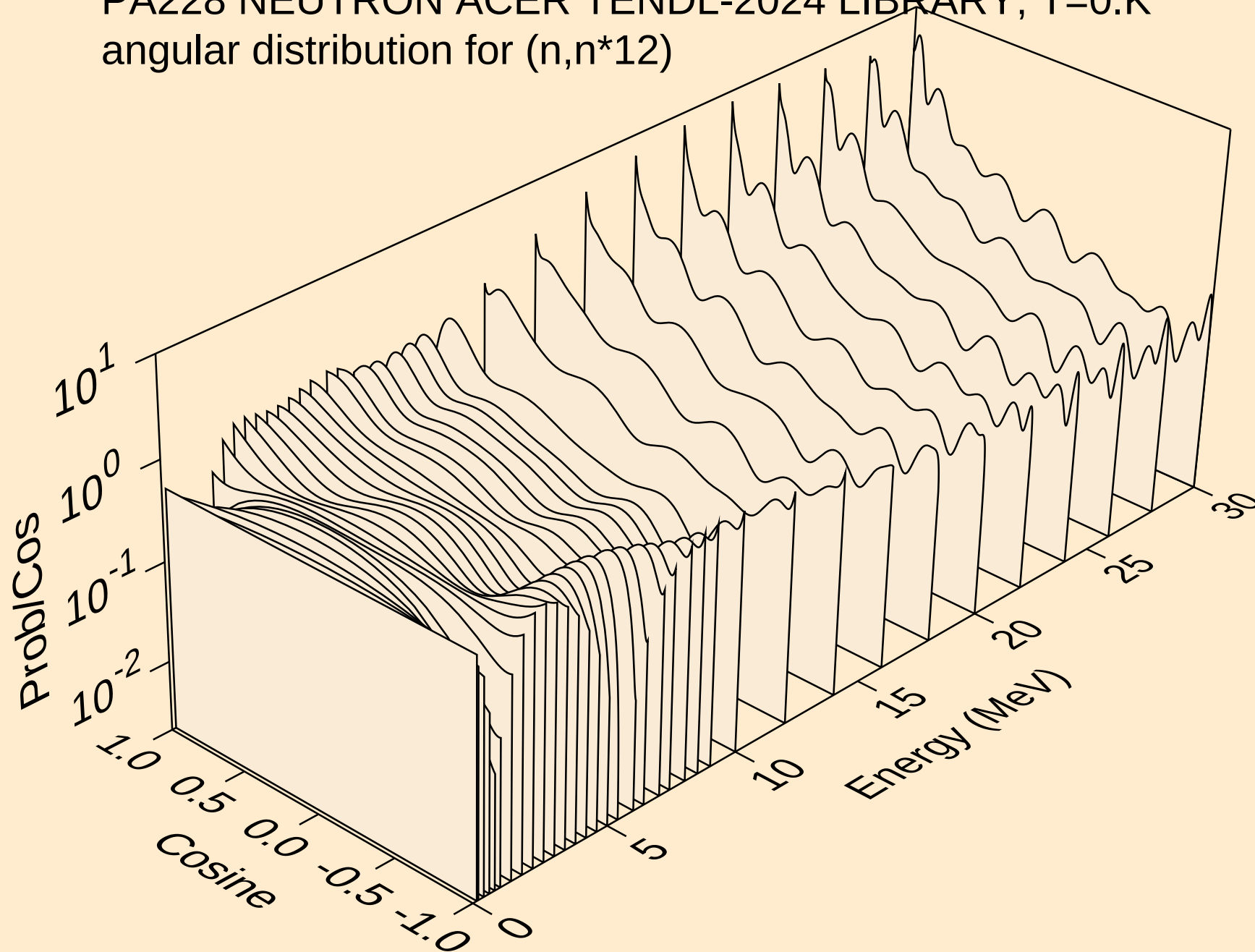
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



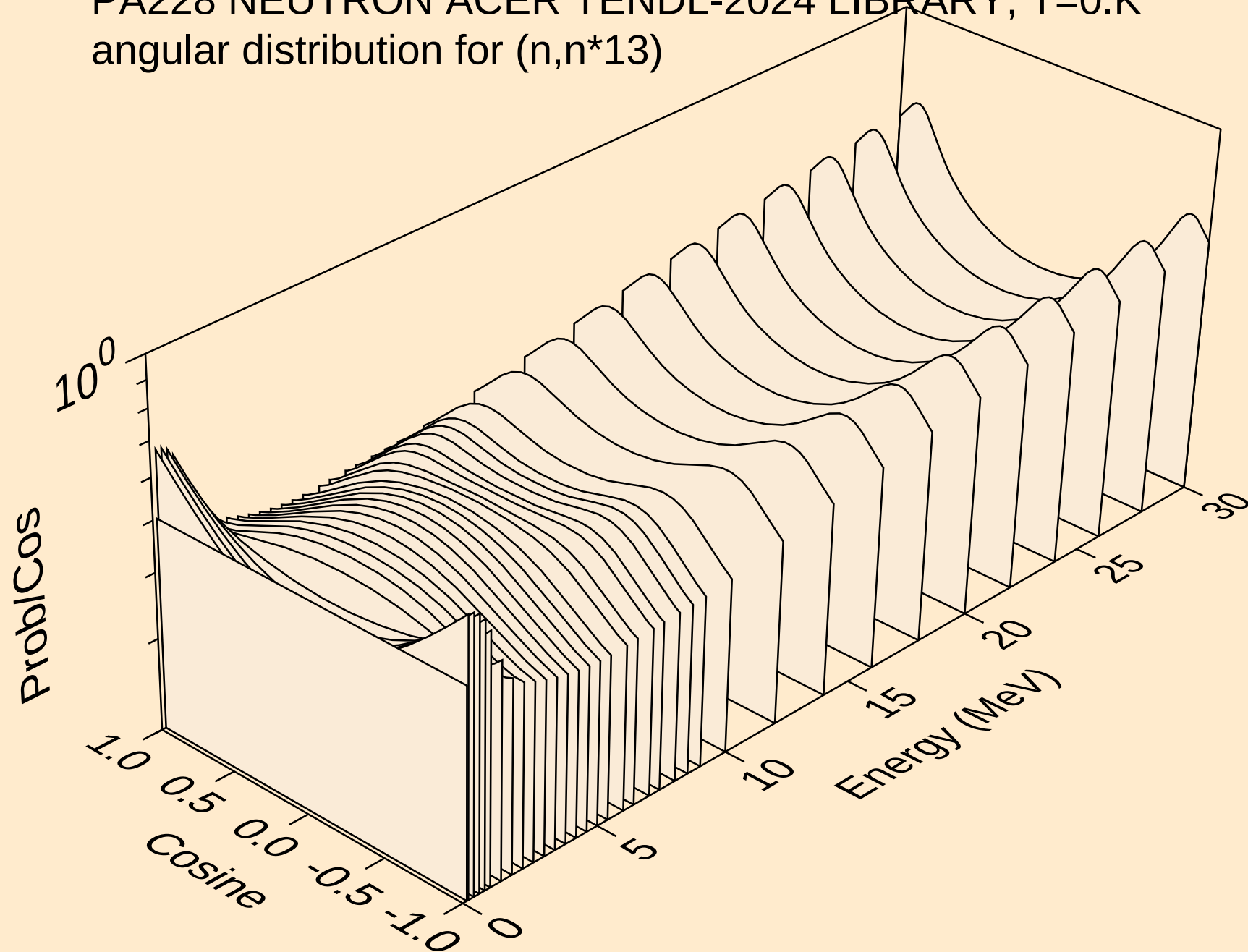
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



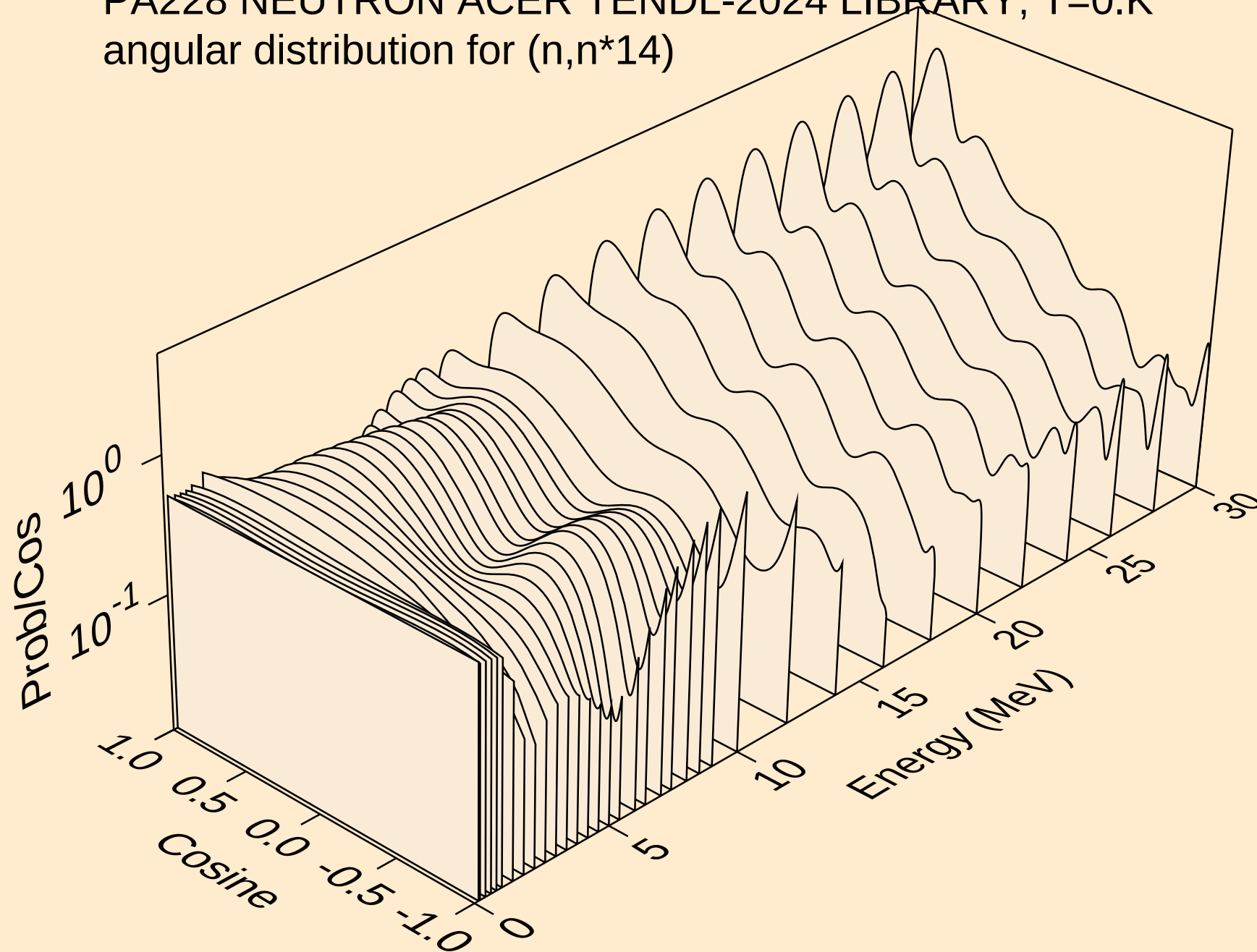
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



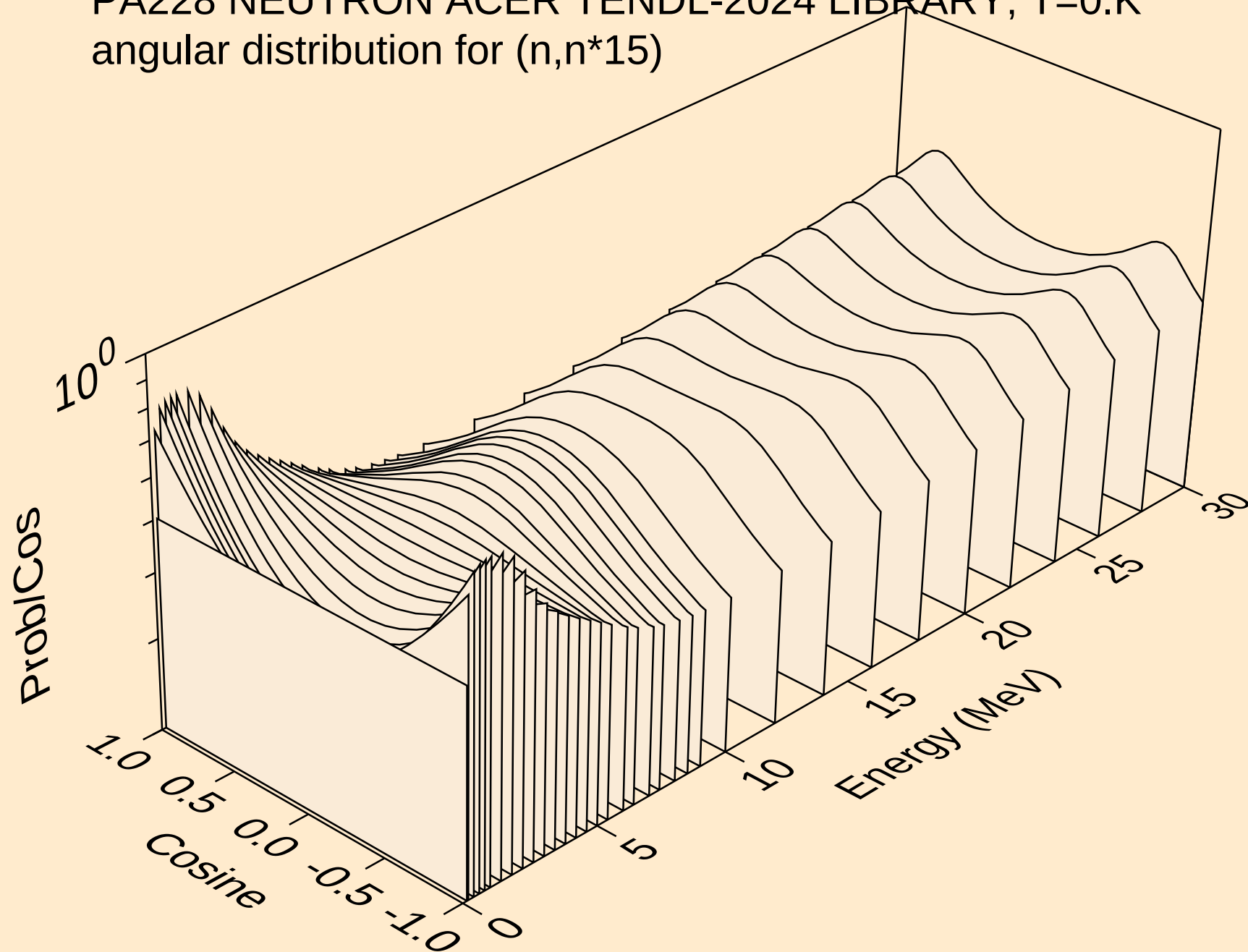
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



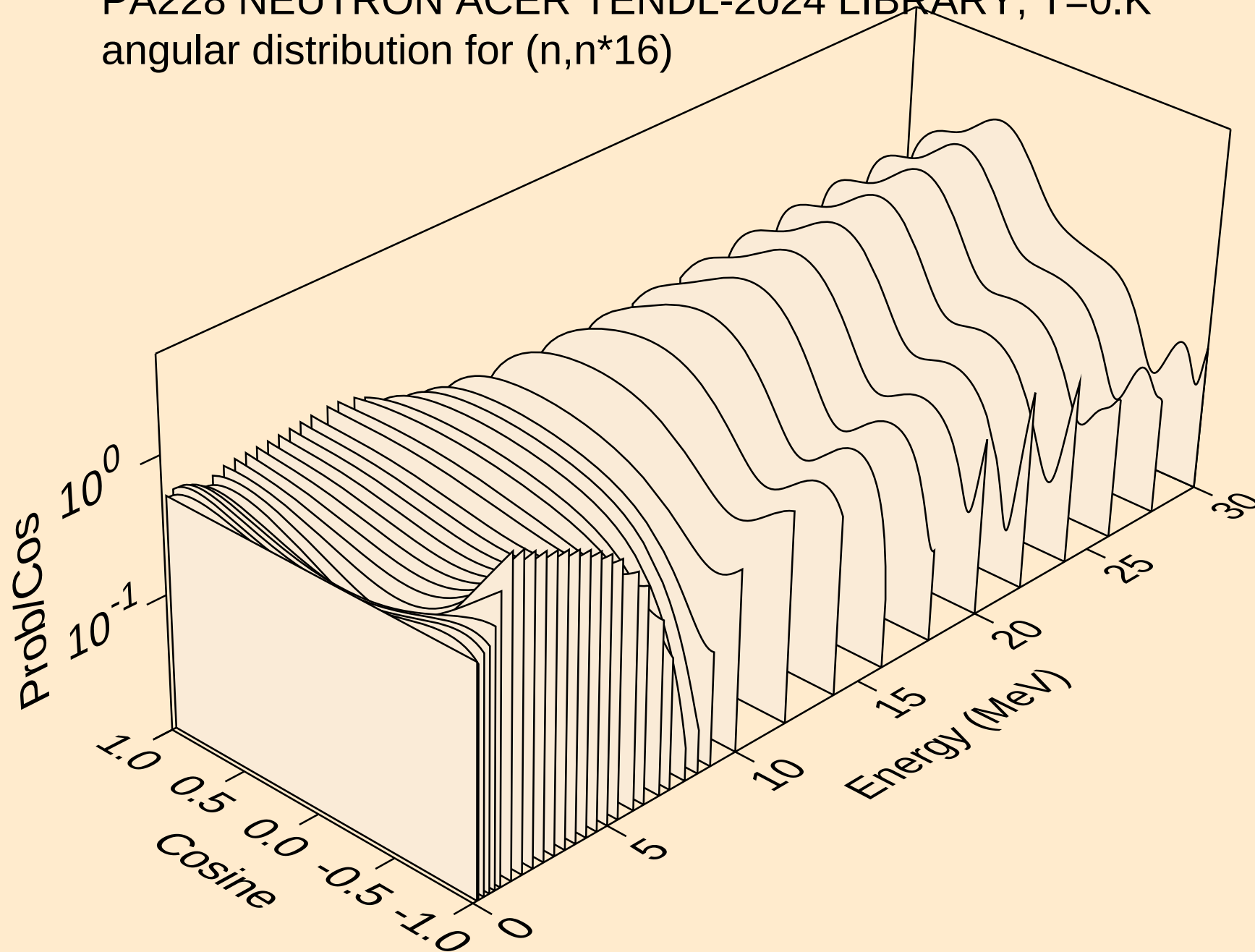
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



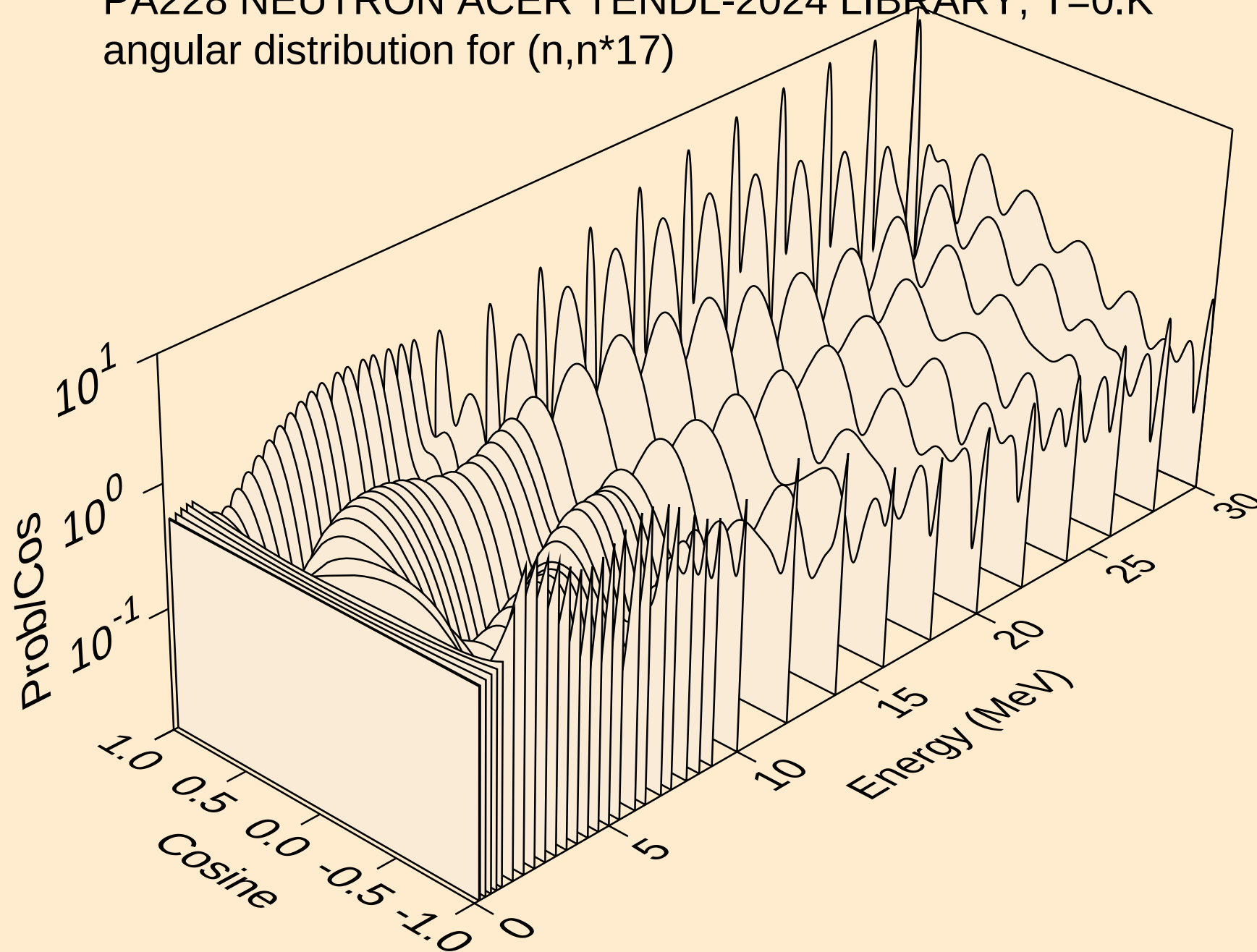
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



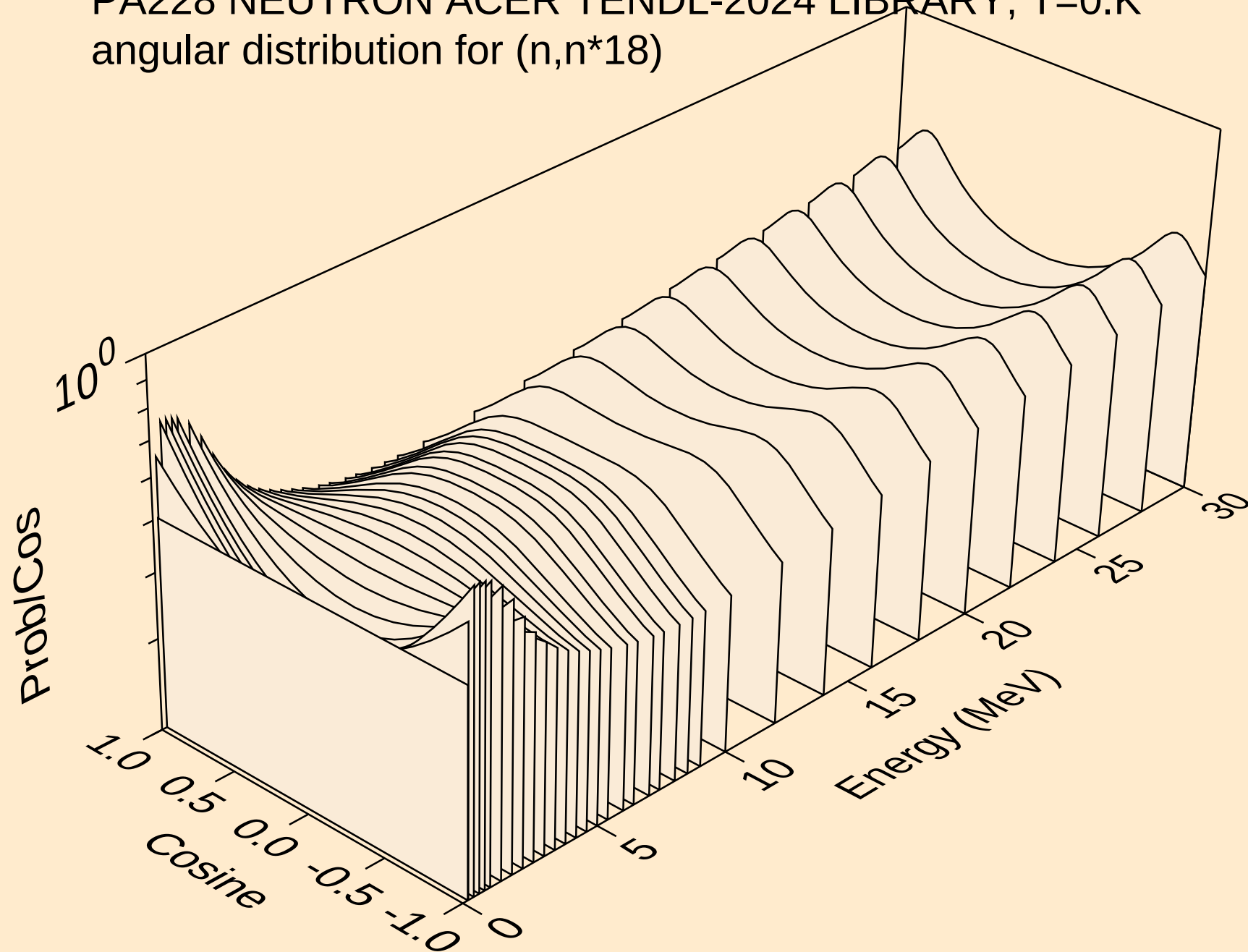
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



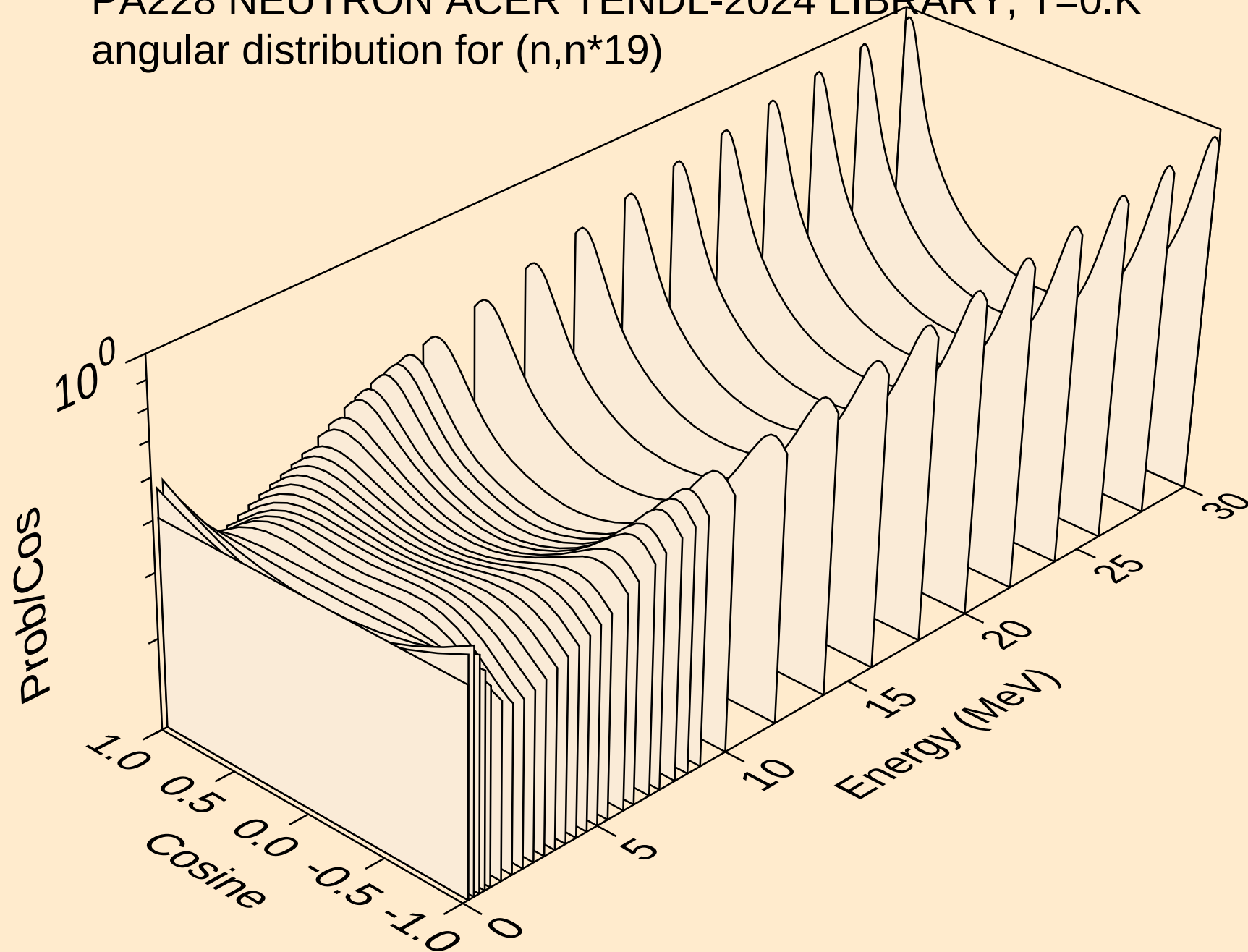
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



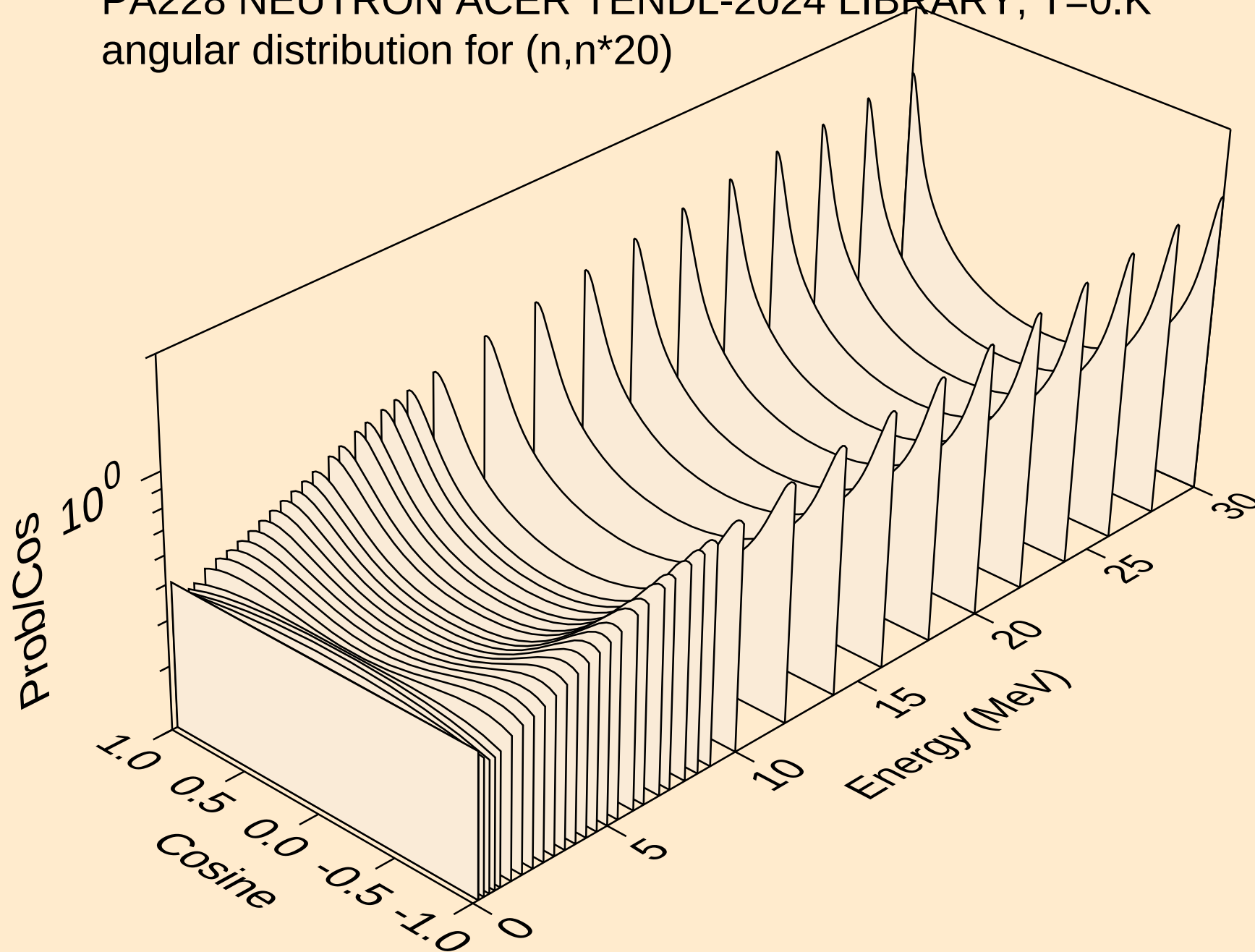
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



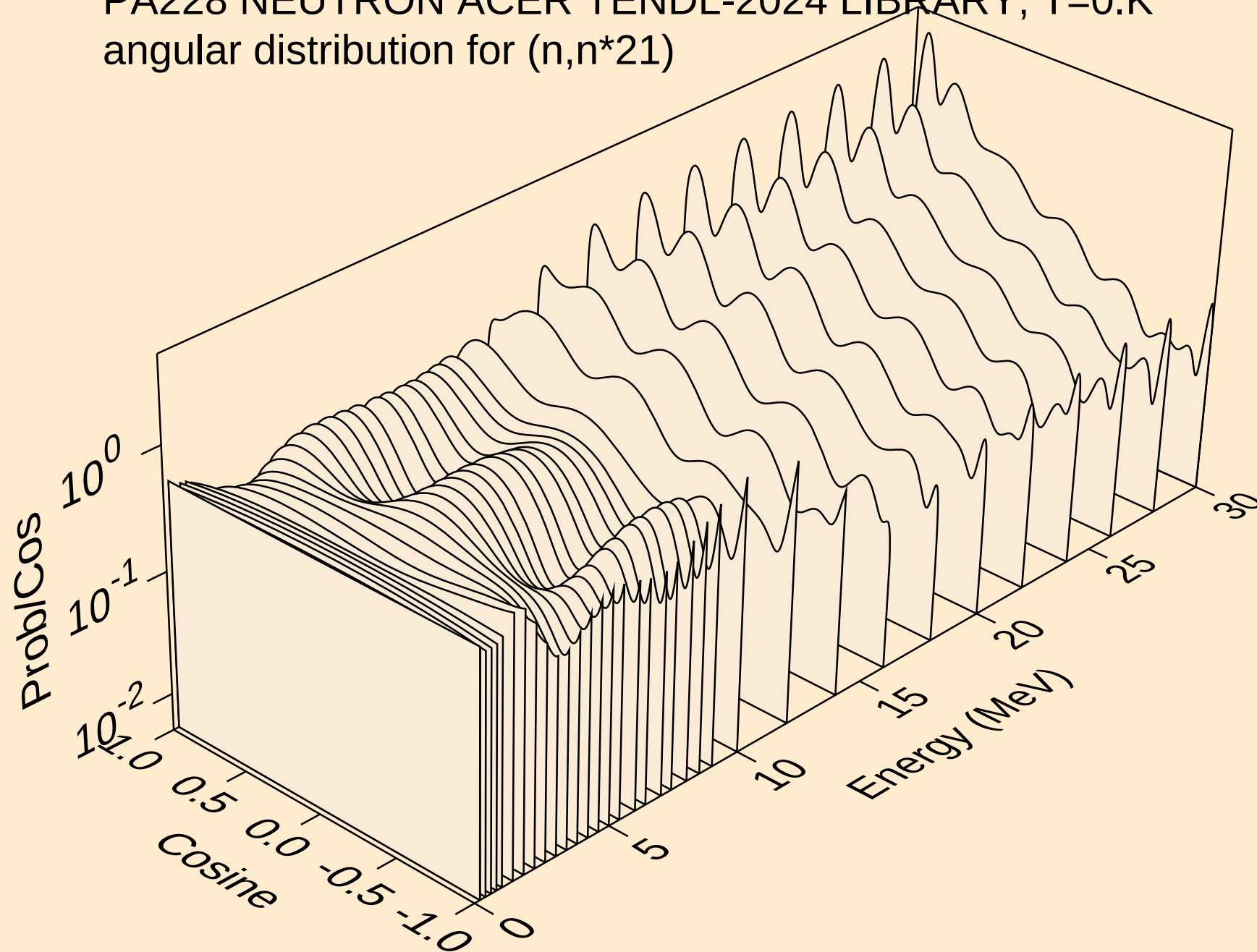
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



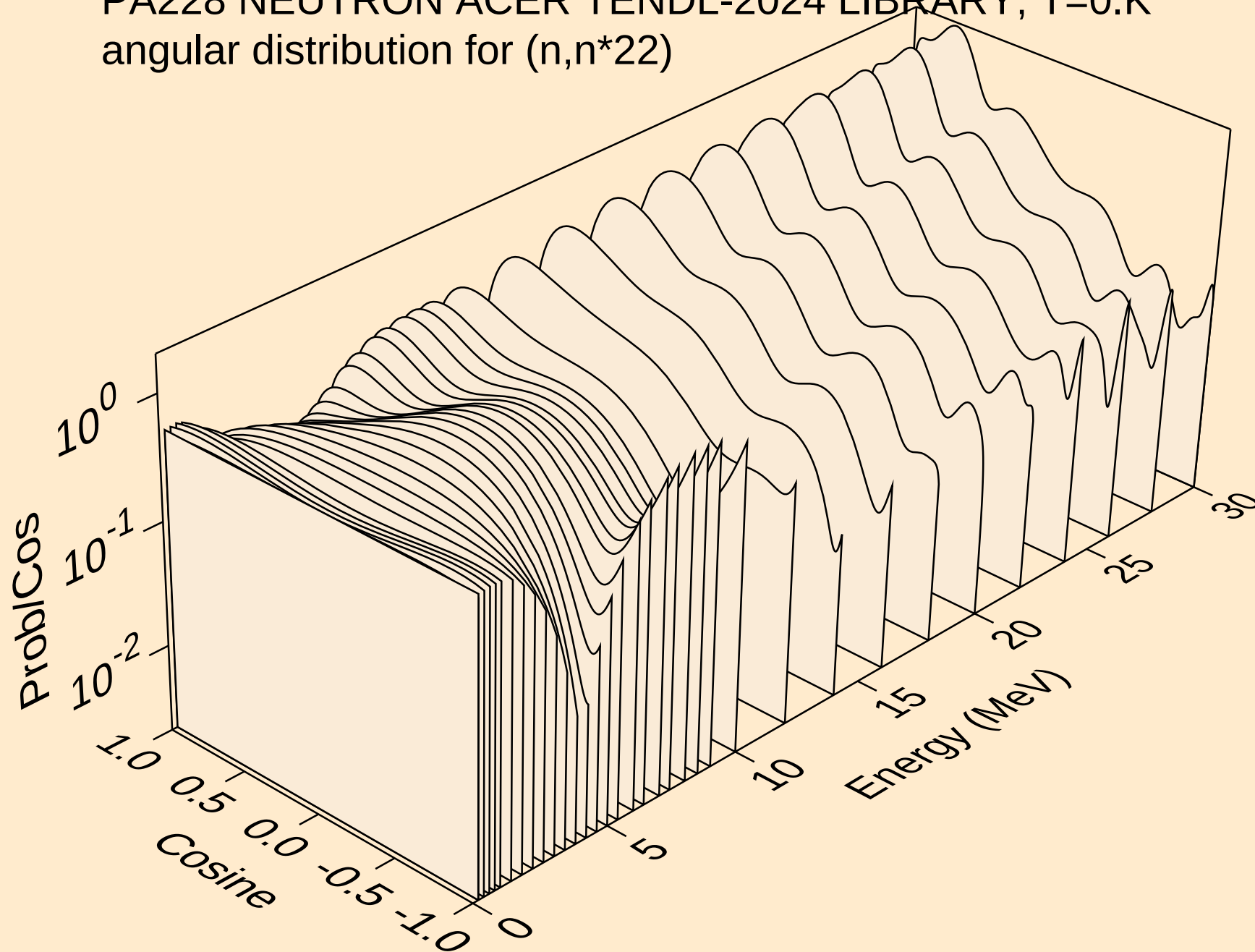
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



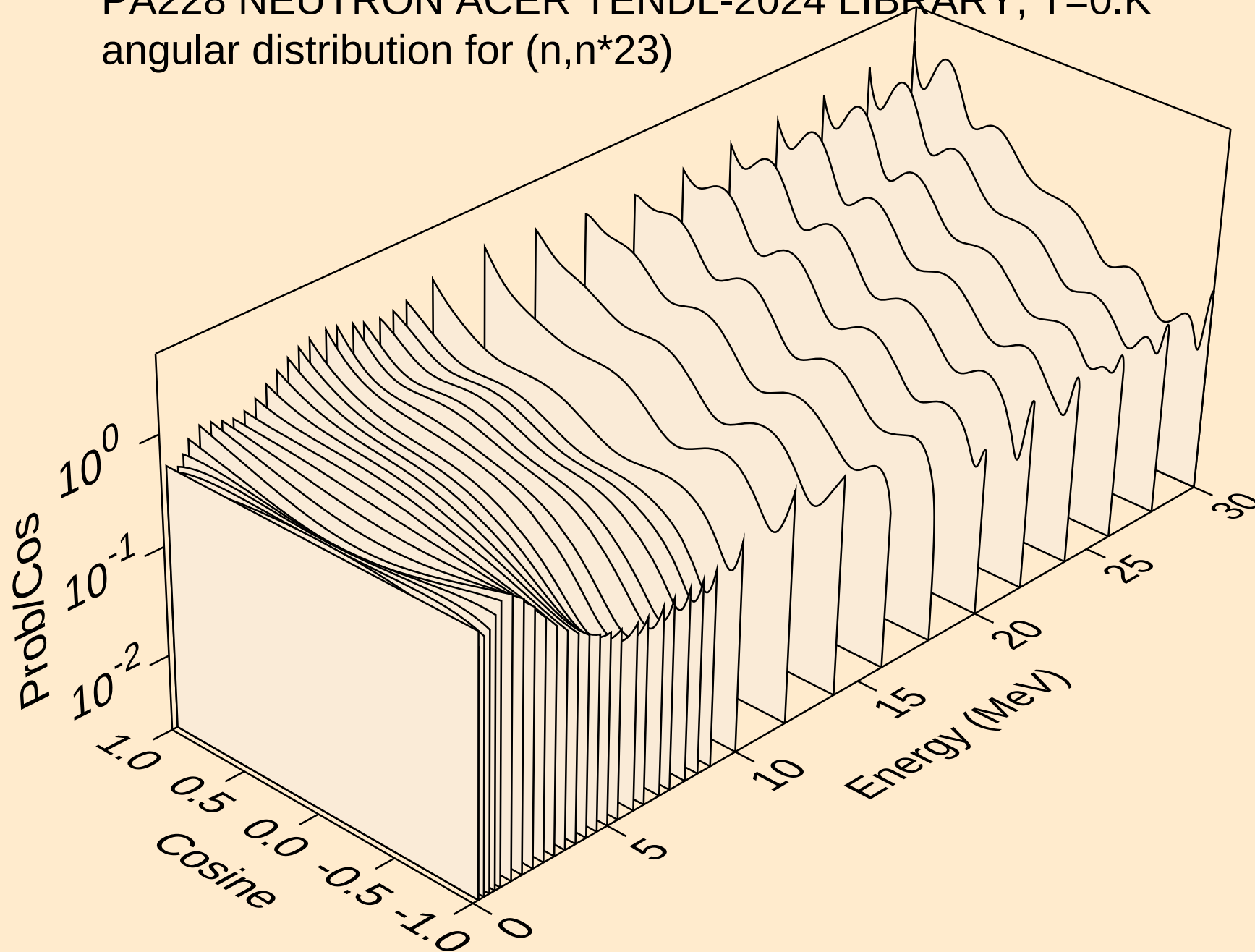
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*21)



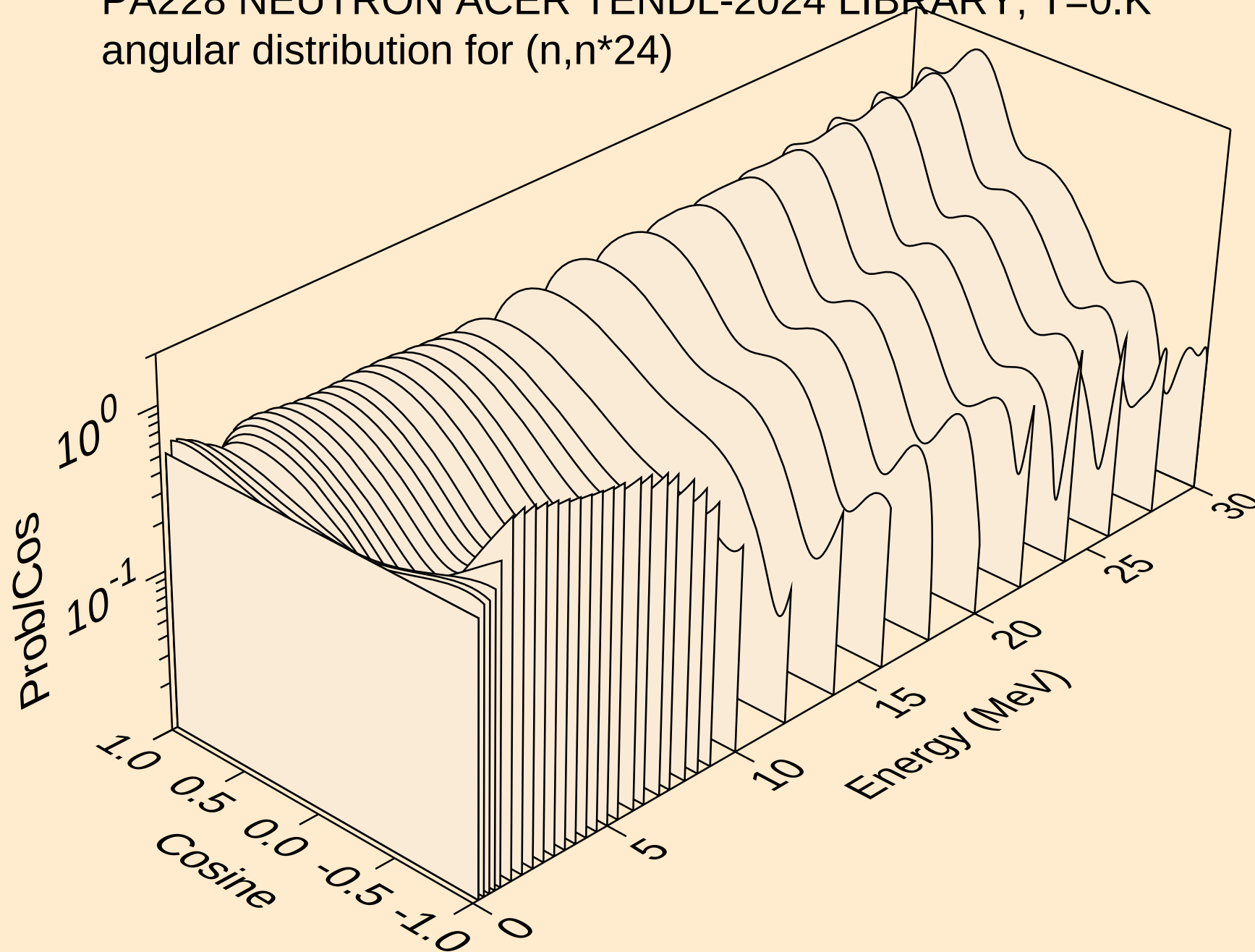
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*22)



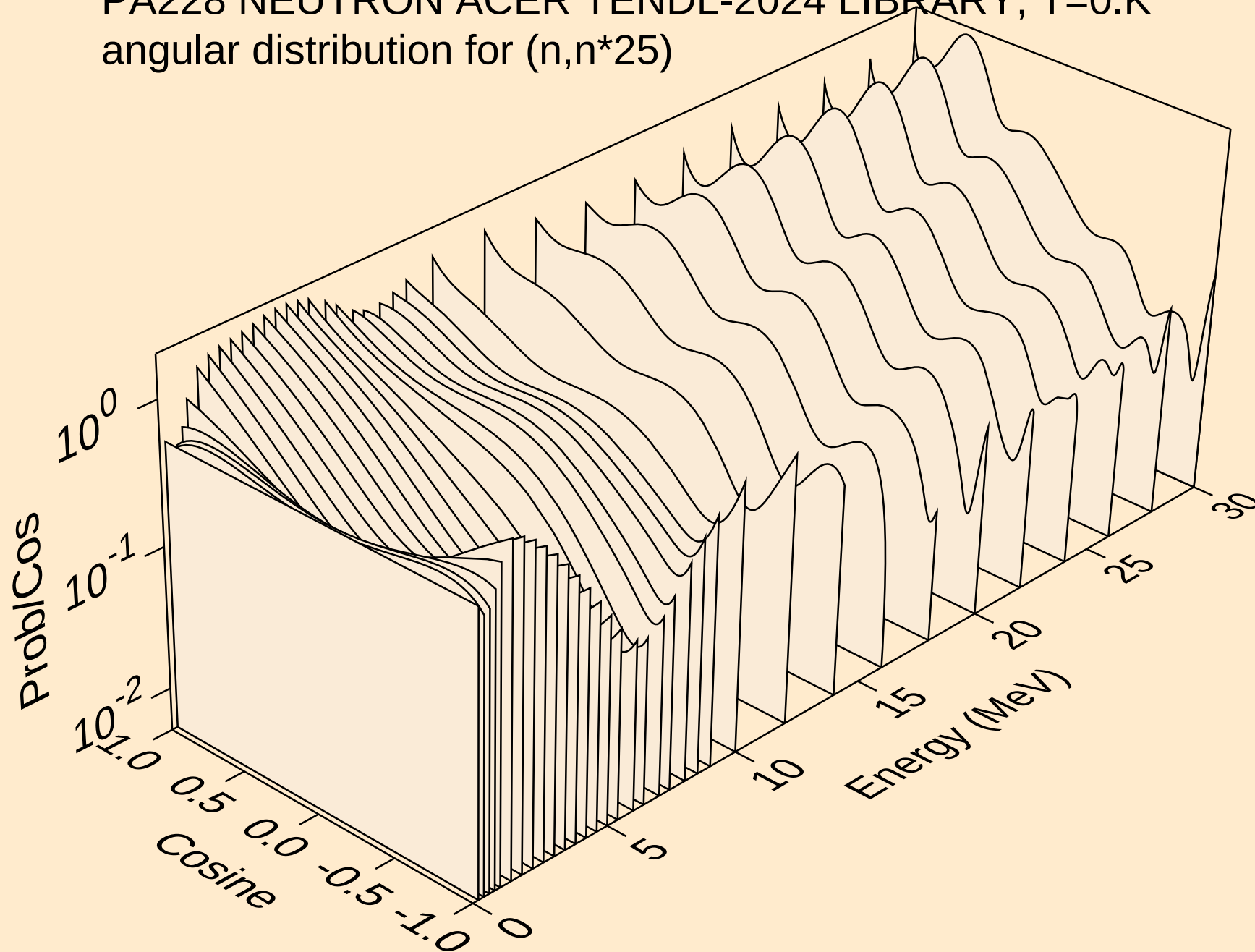
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*23)



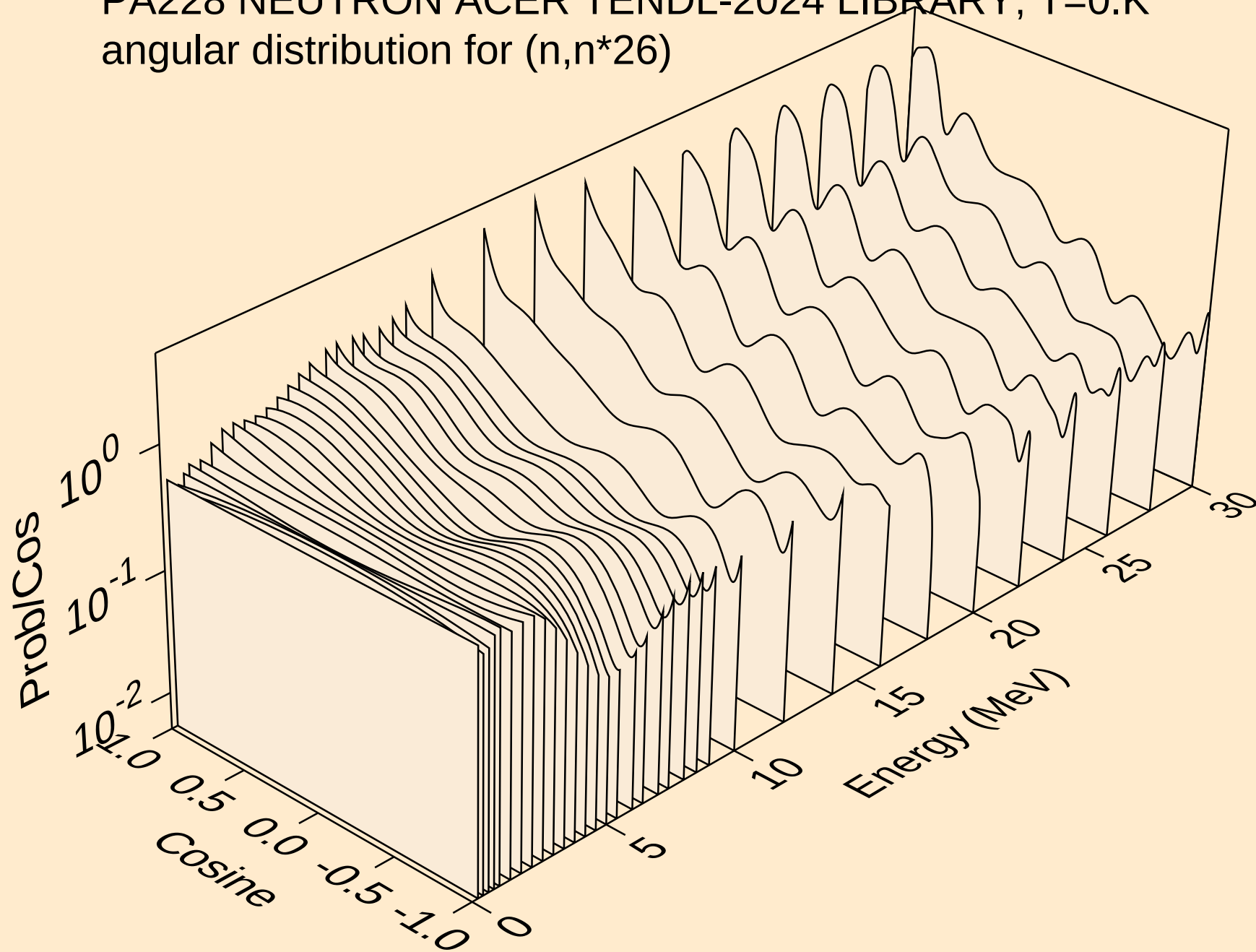
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*24)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)

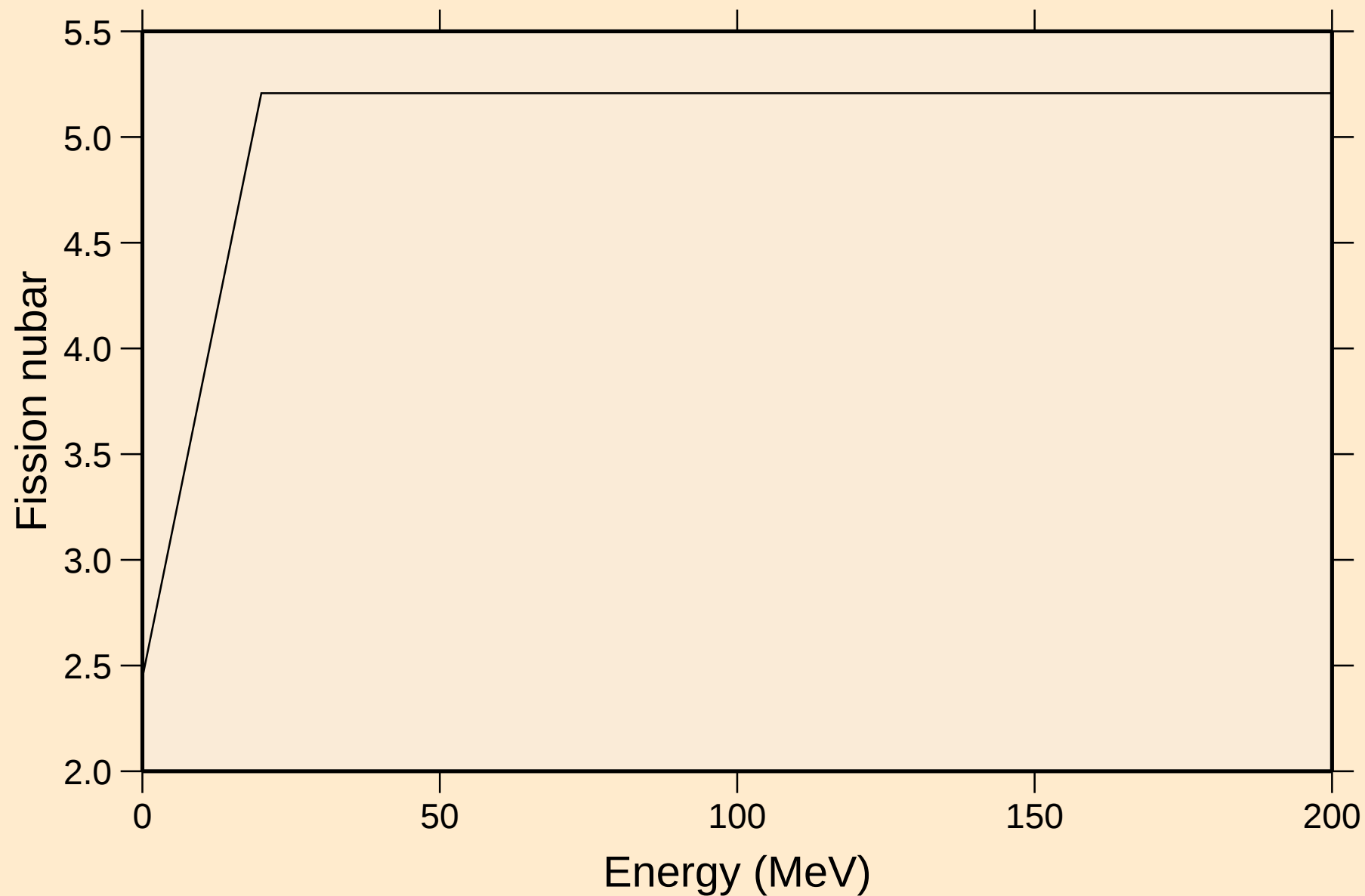


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)

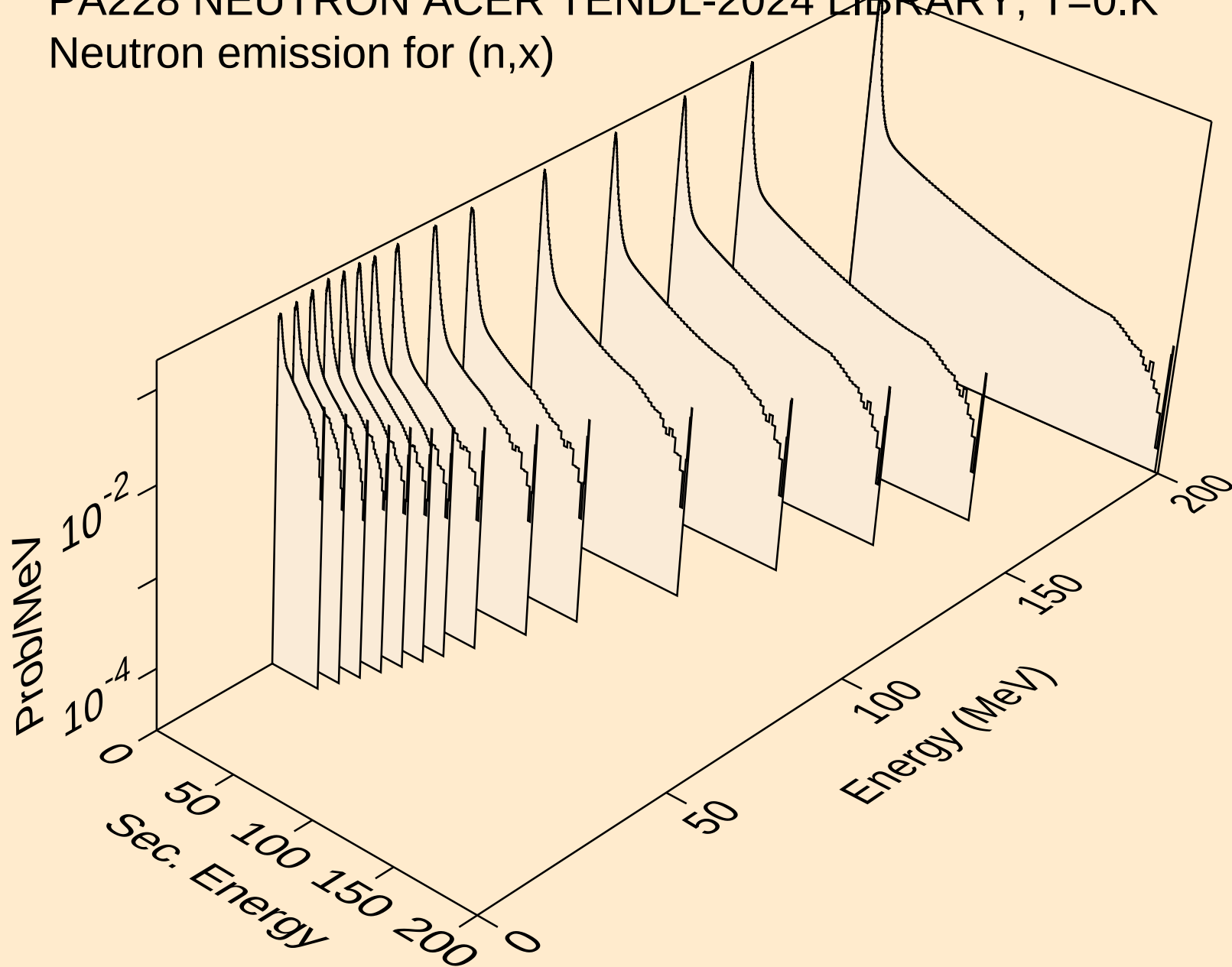


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

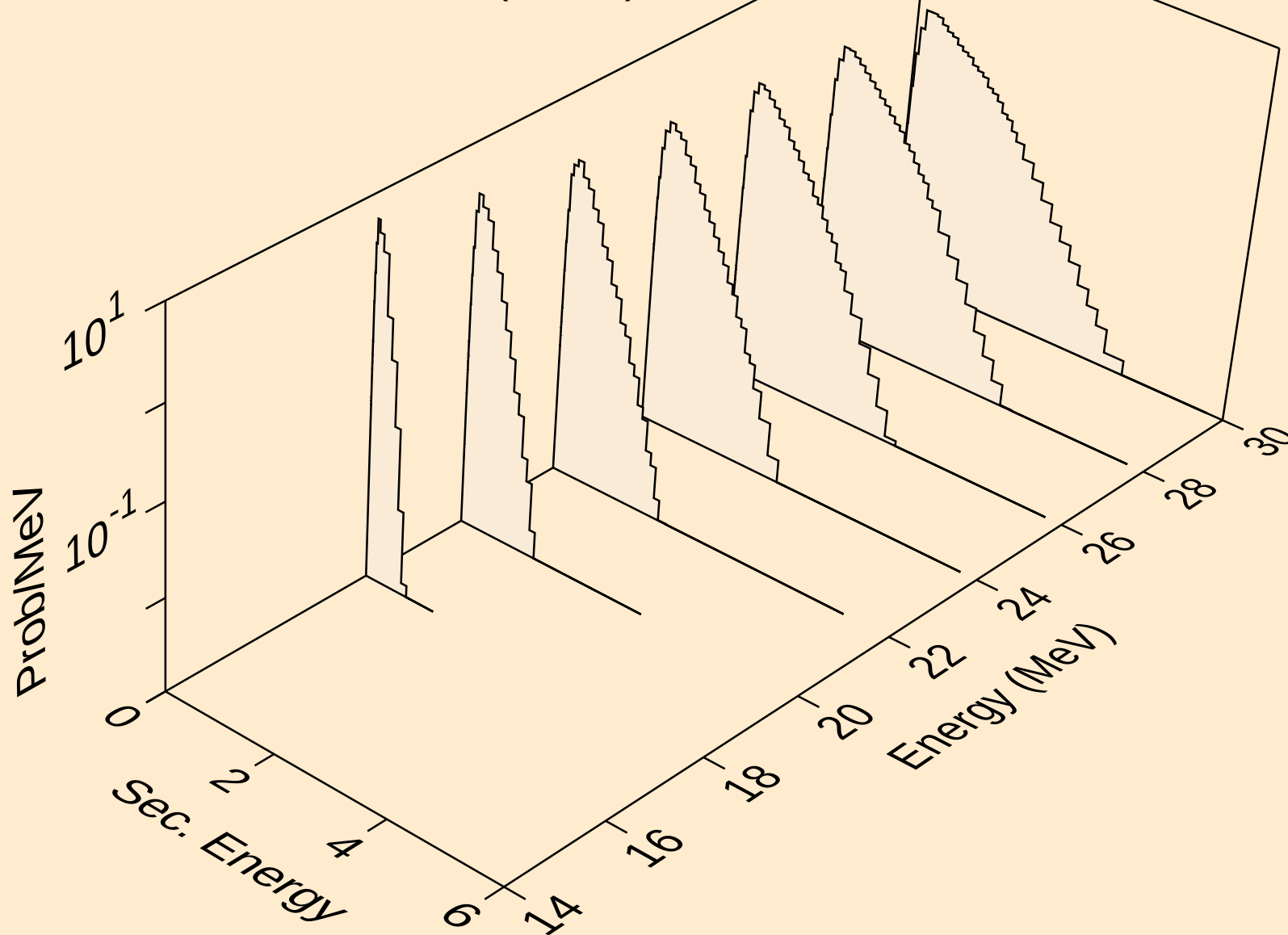
Total fission nubar



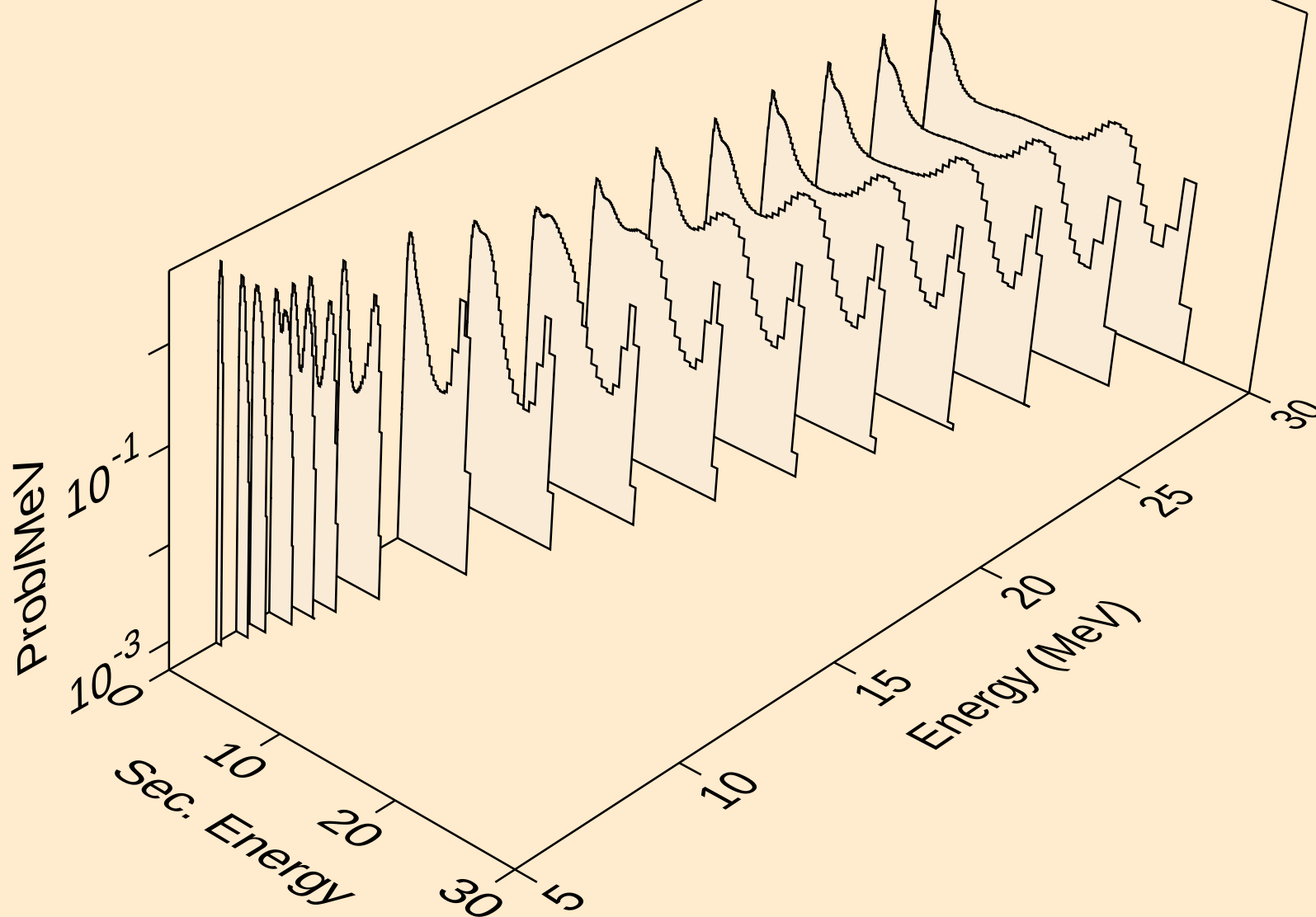
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



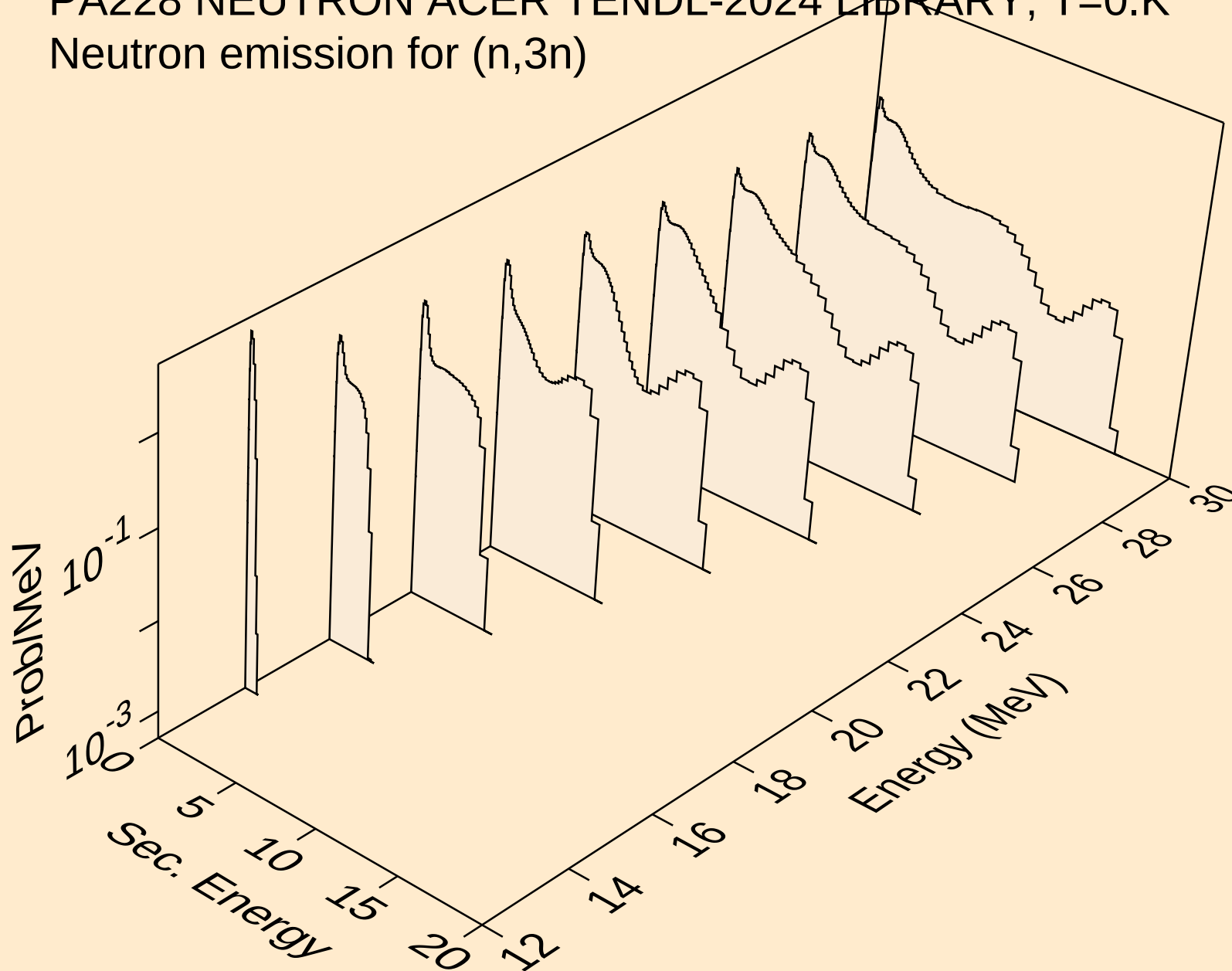
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



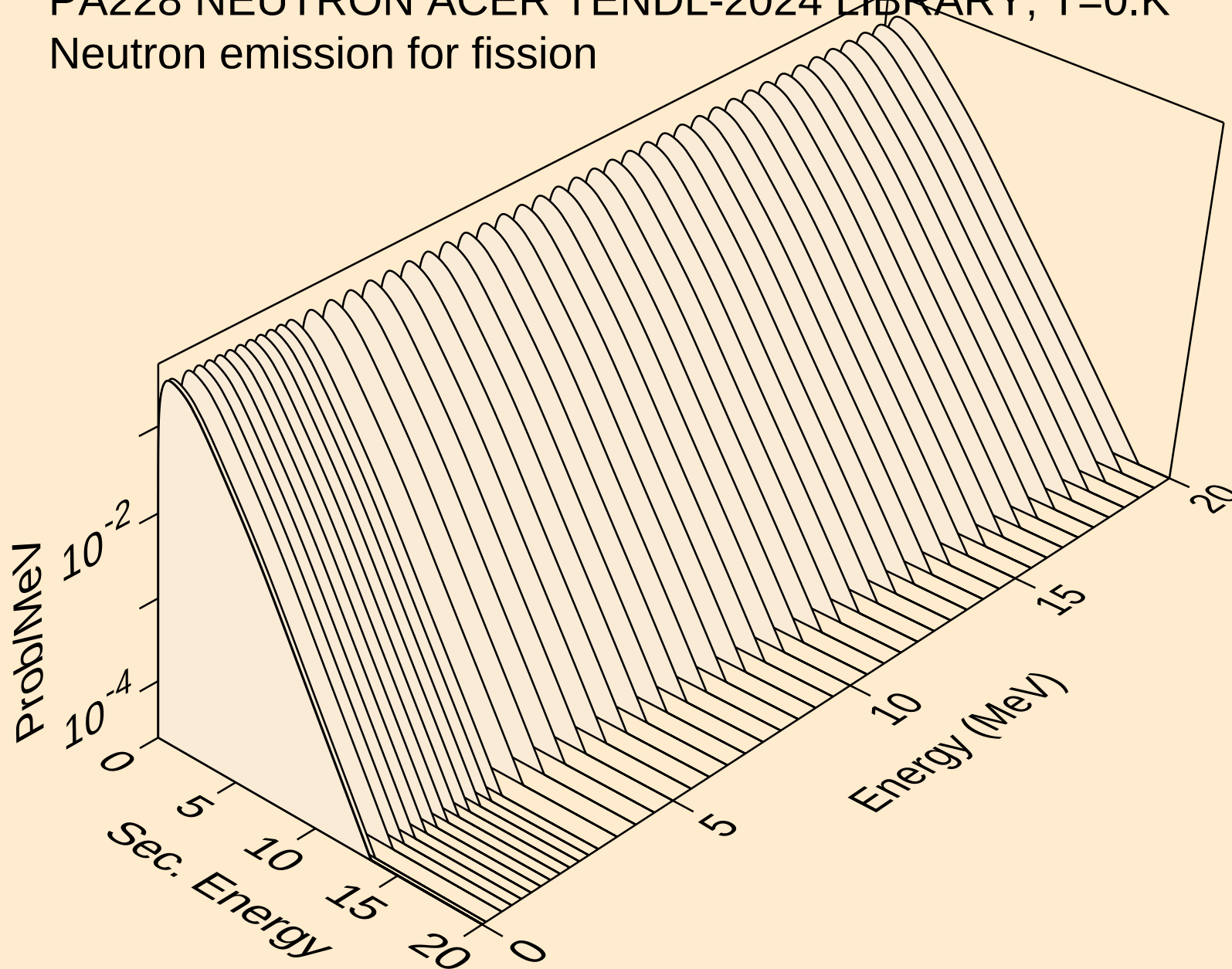
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)

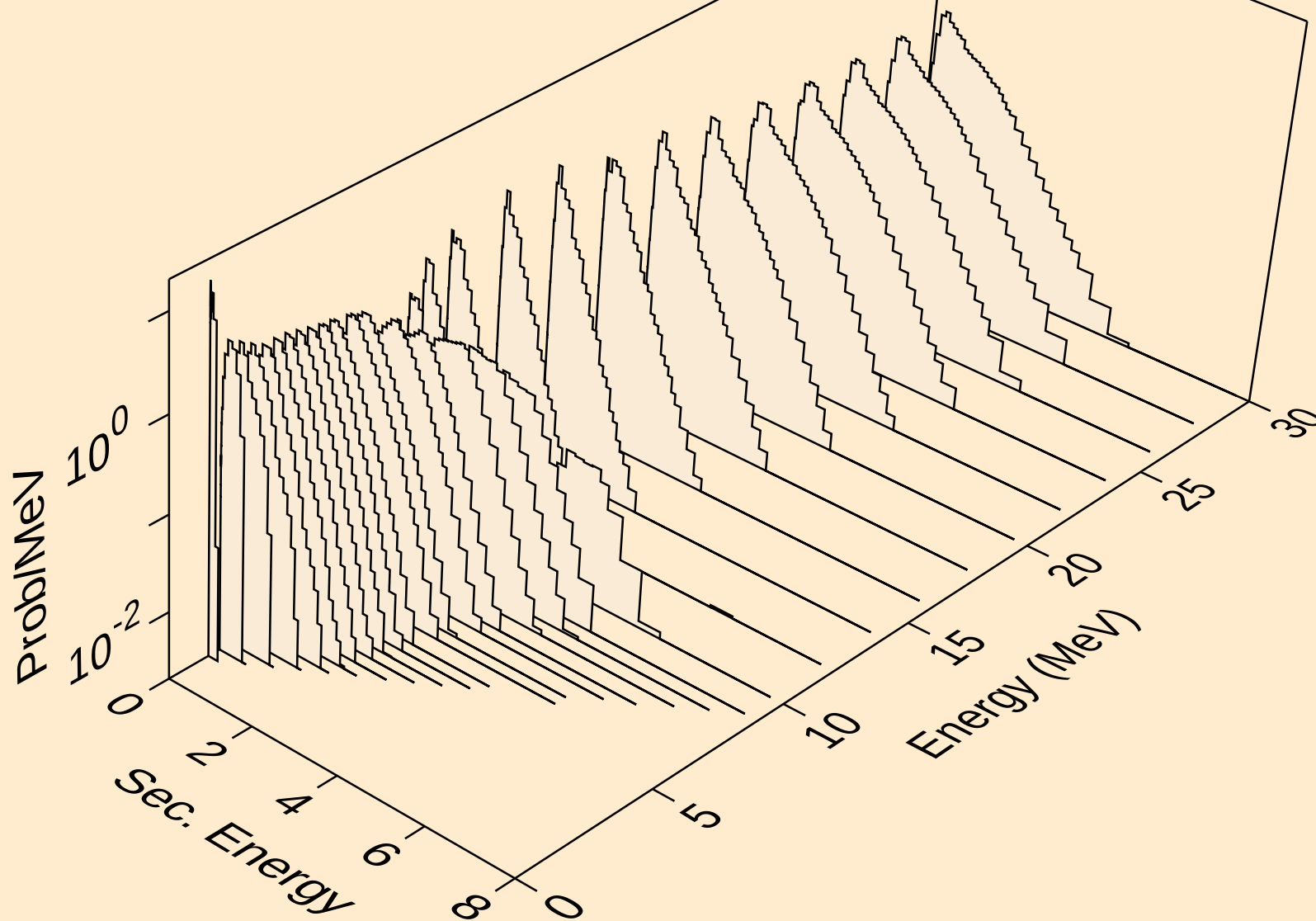


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for fission

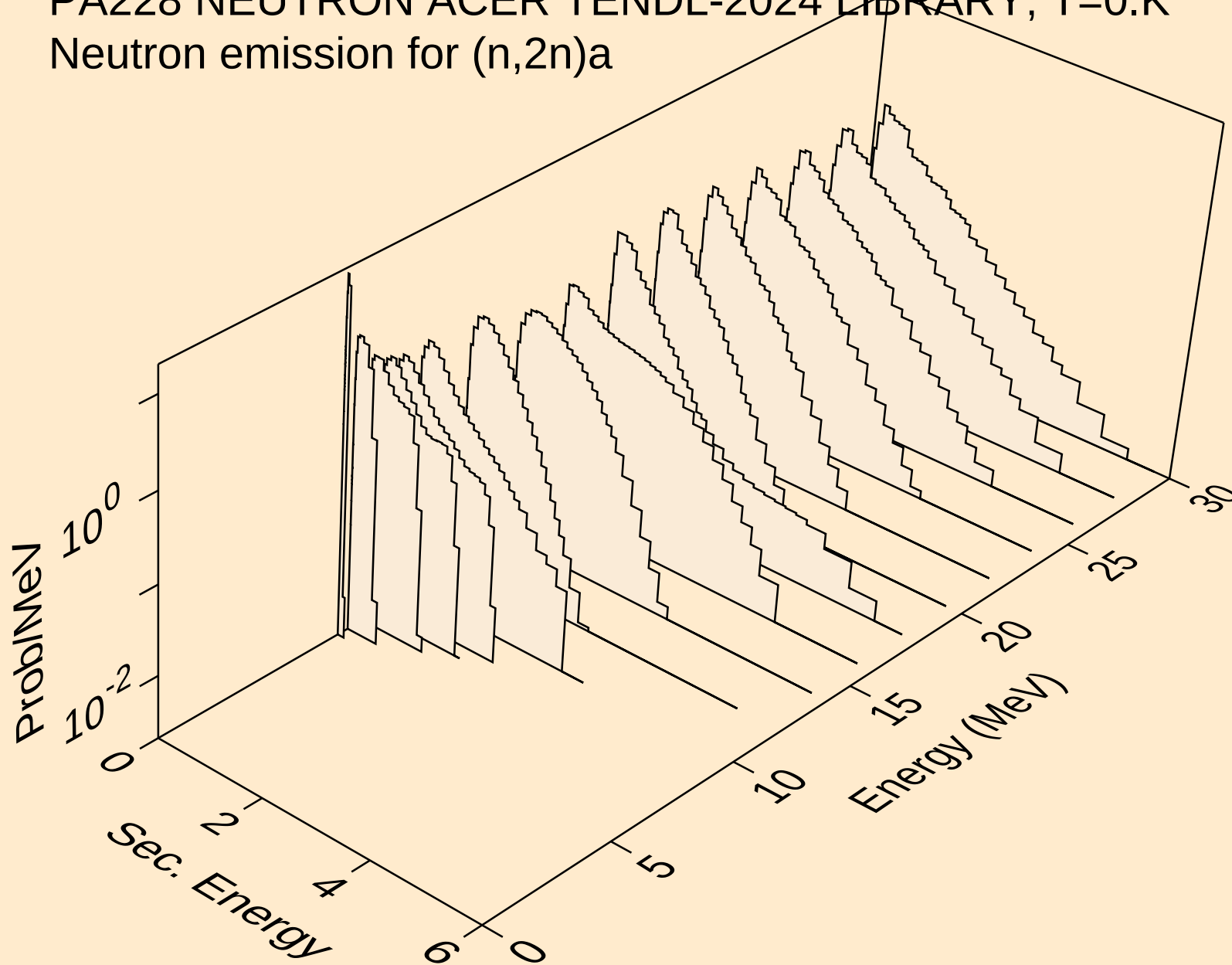


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

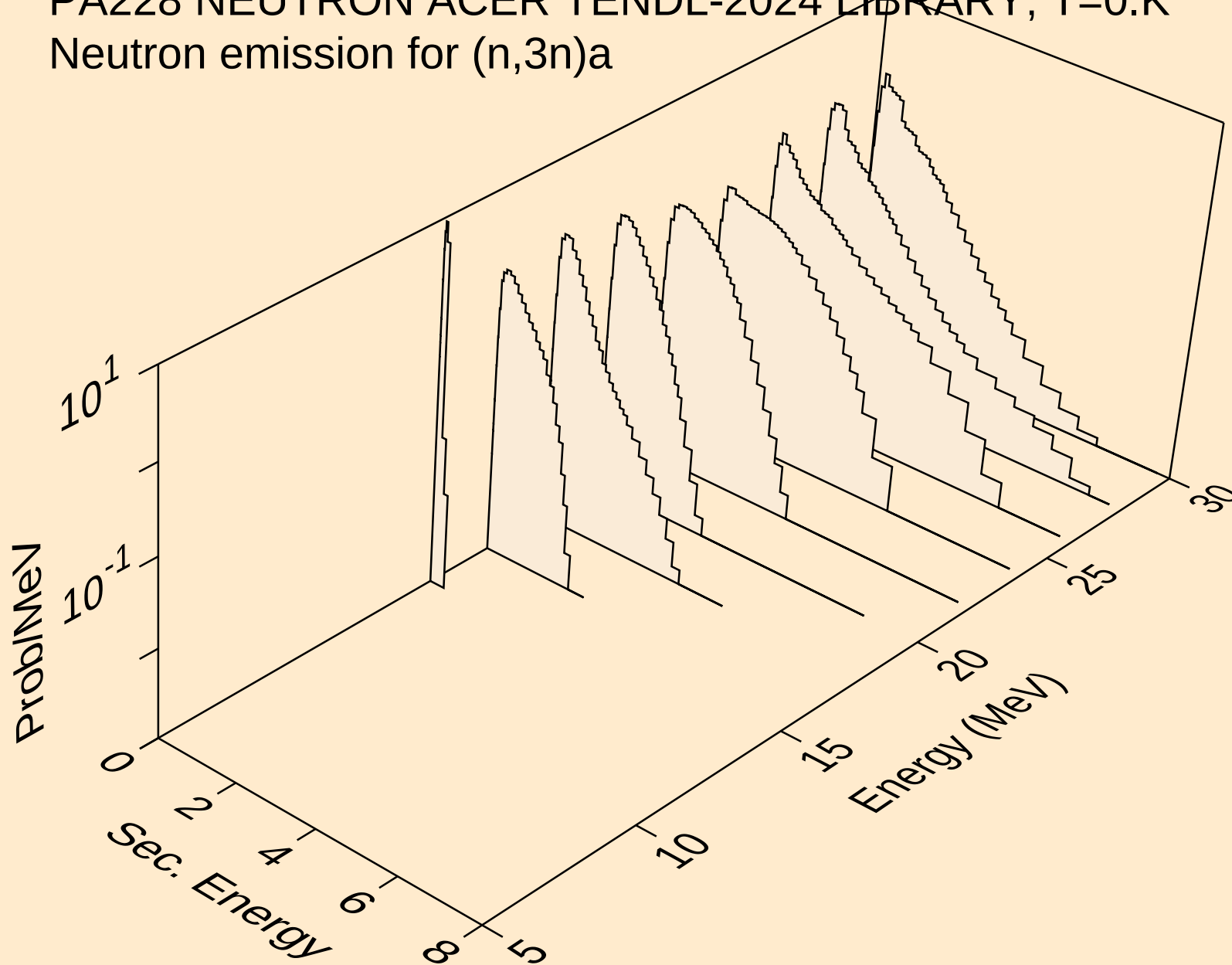
Neutron emission for (n,n*)a



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)_a

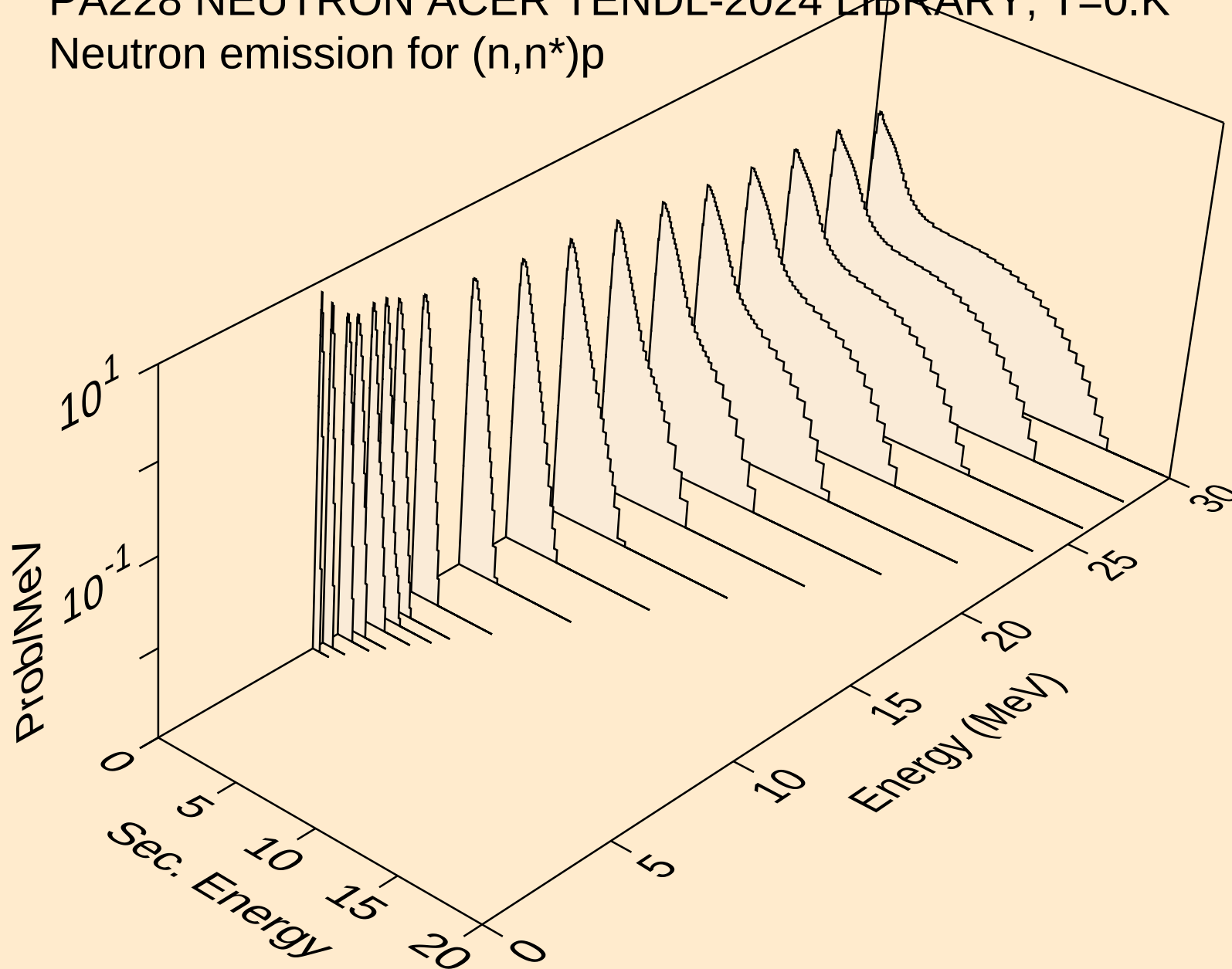


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



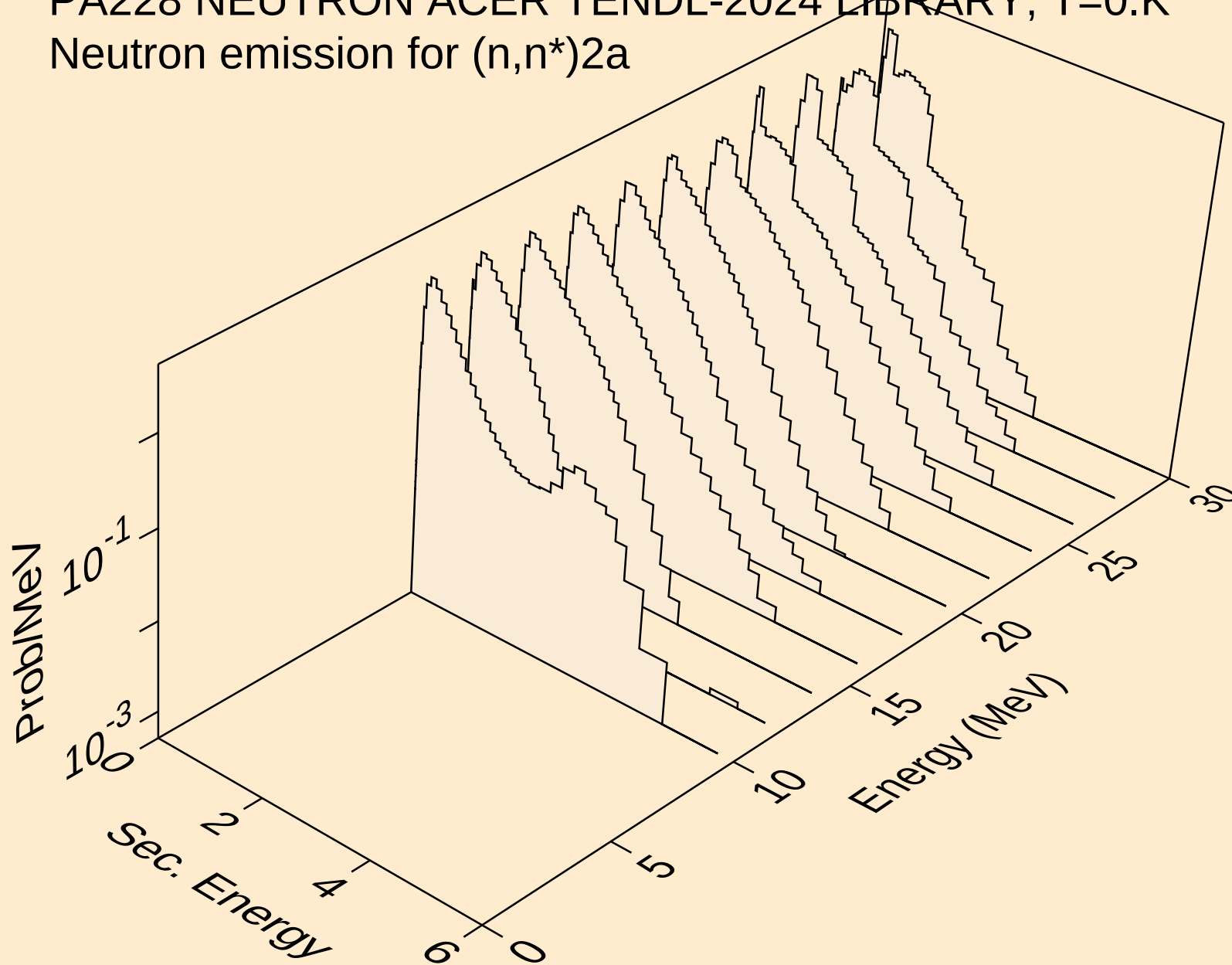
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)p



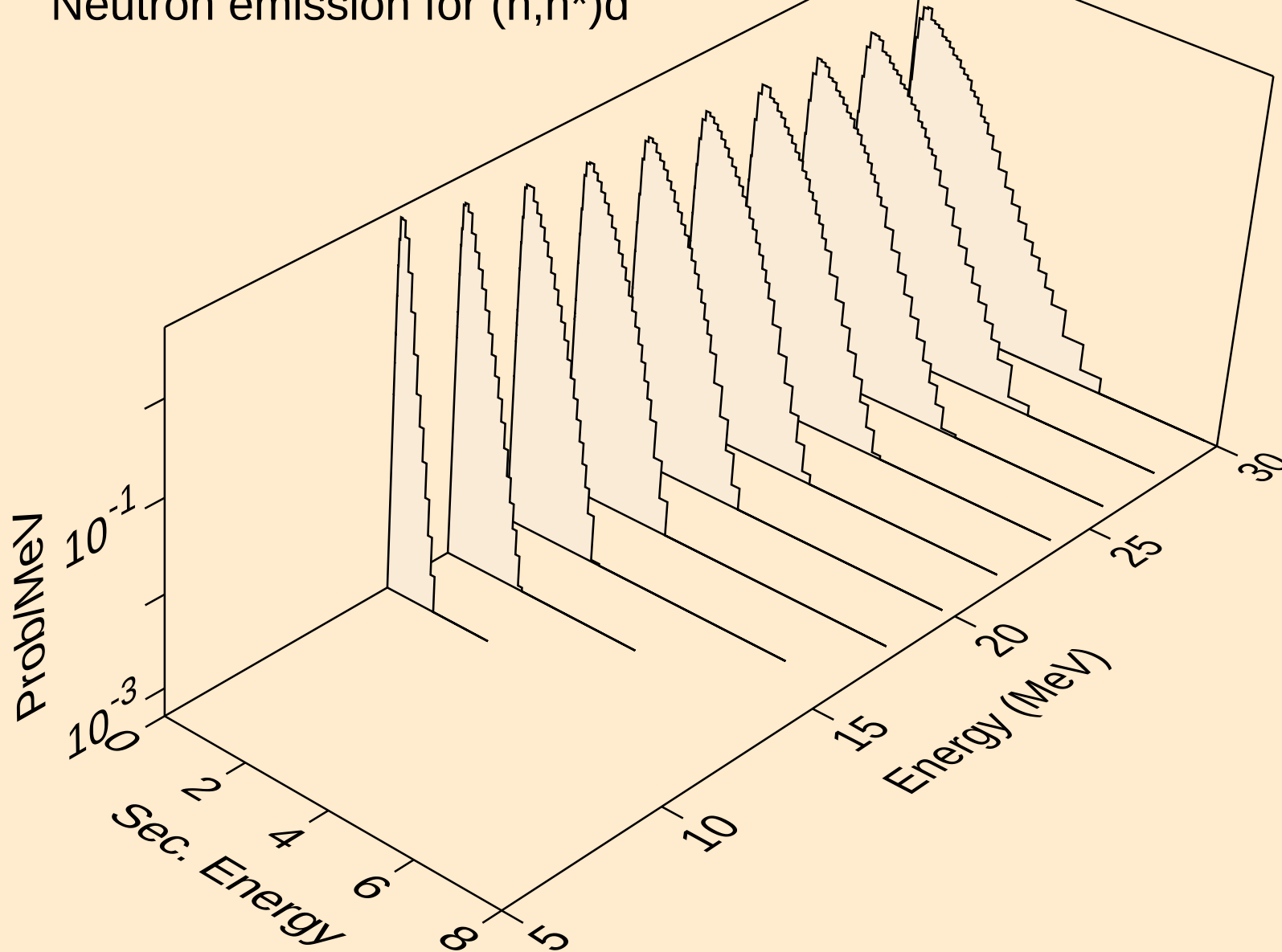
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)2a



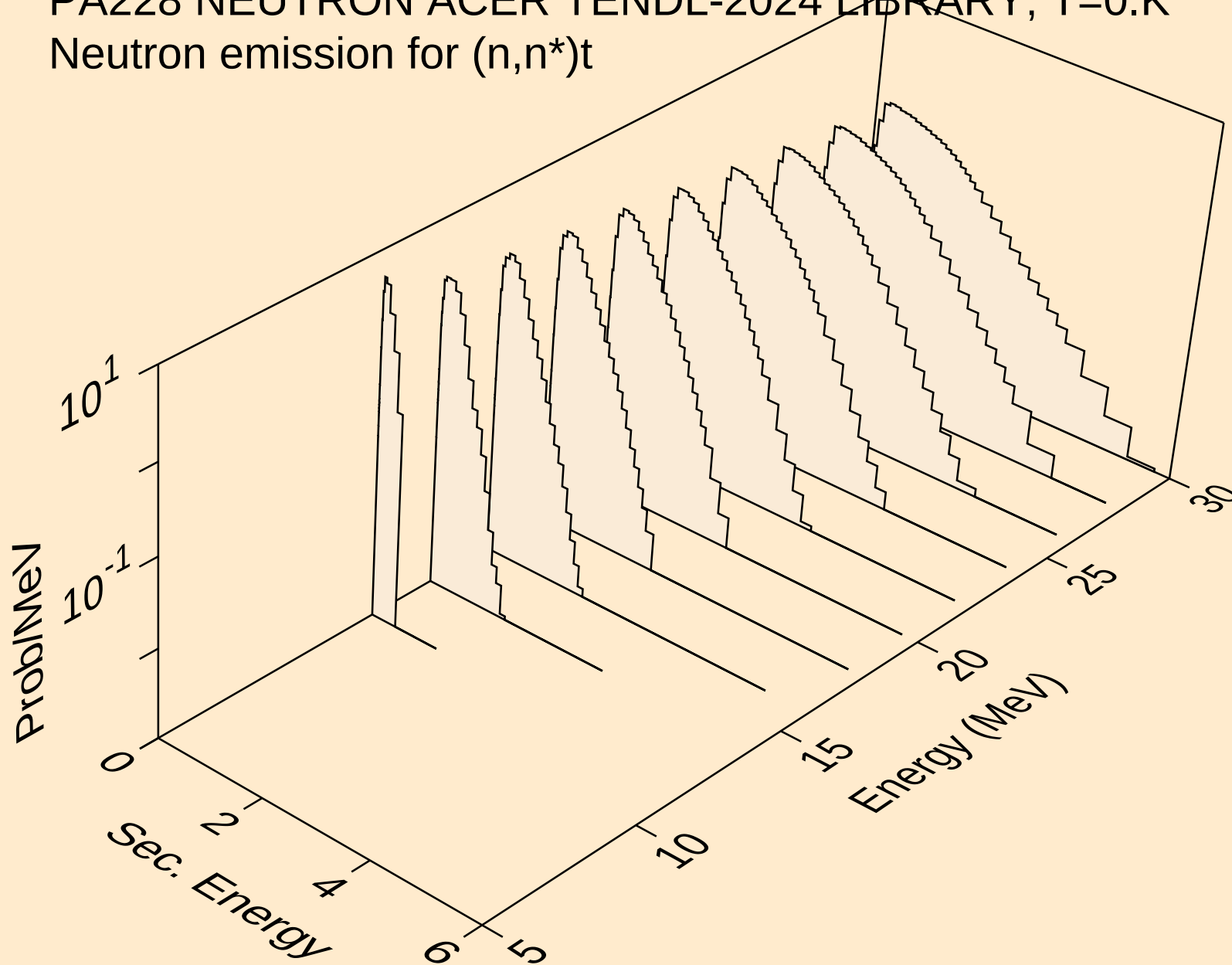
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)d

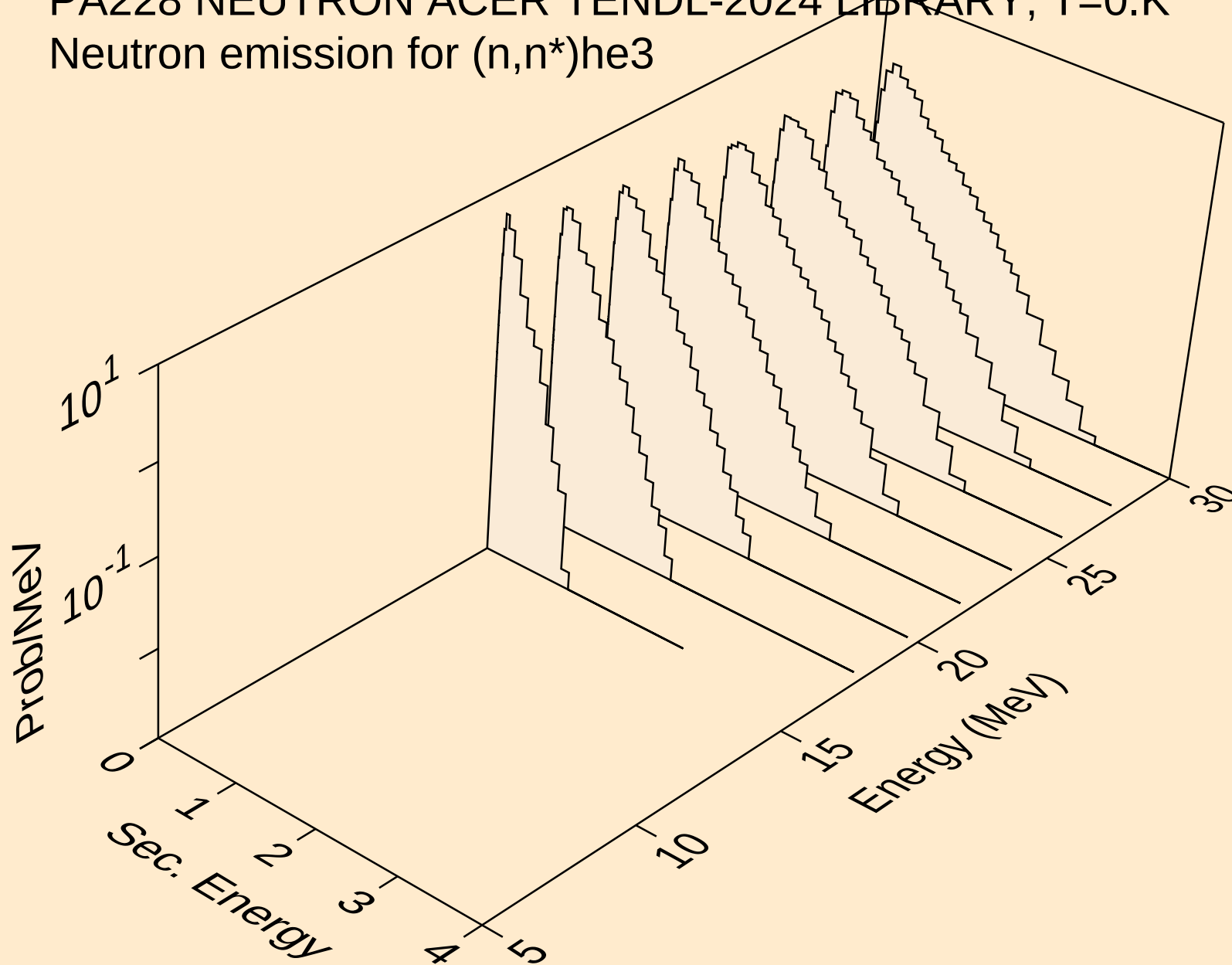


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

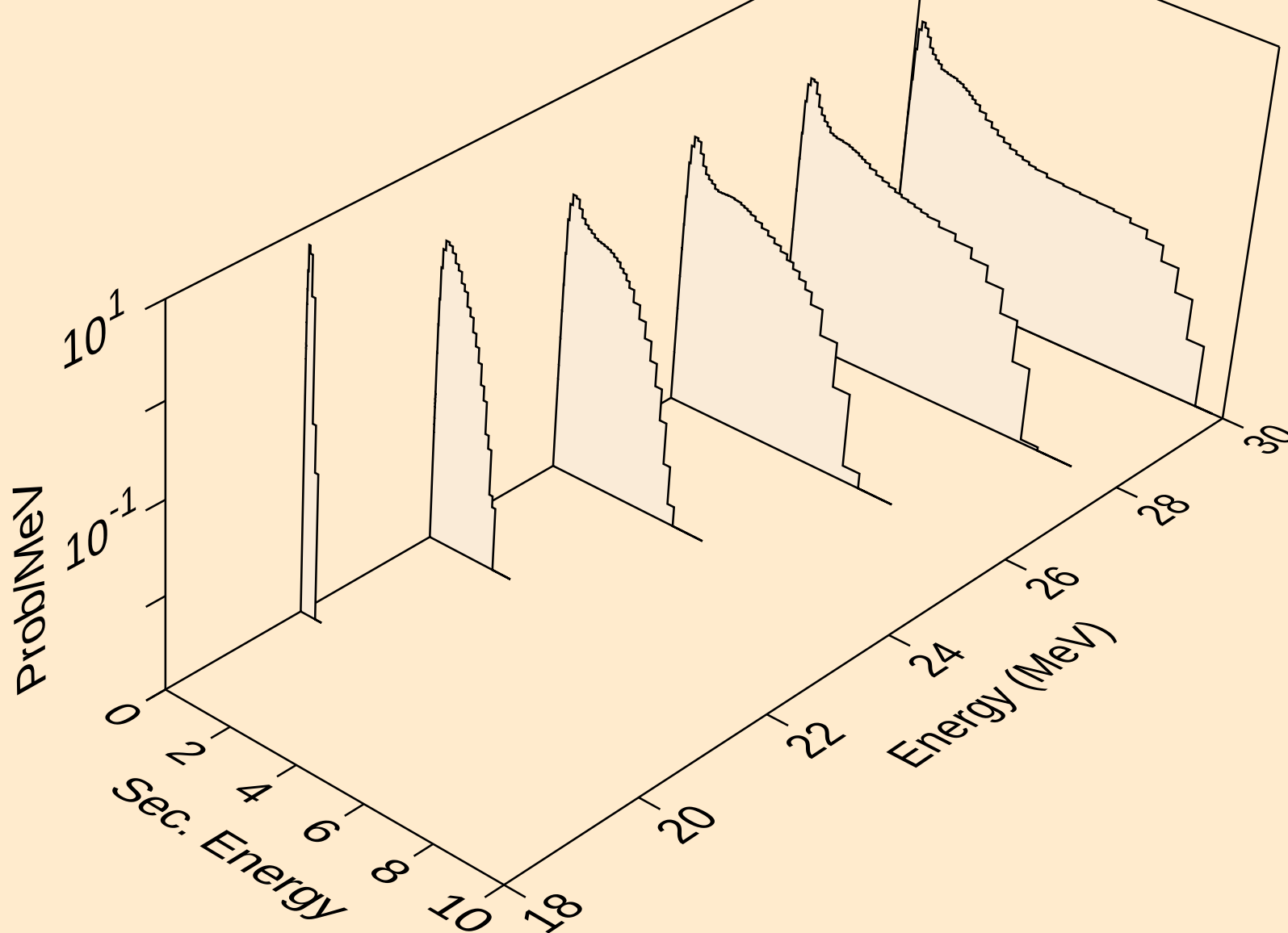
Neutron emission for (n,n*)t



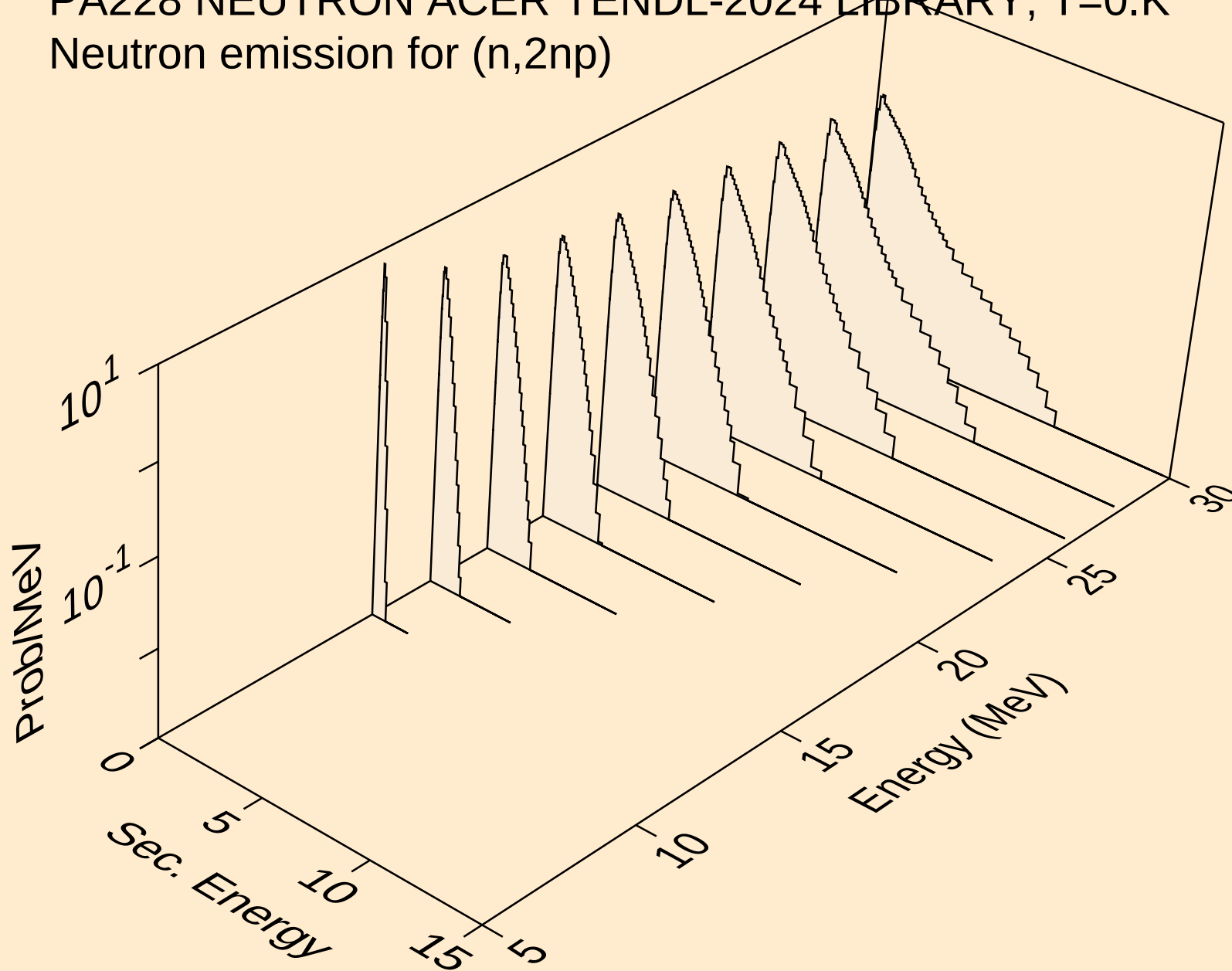
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



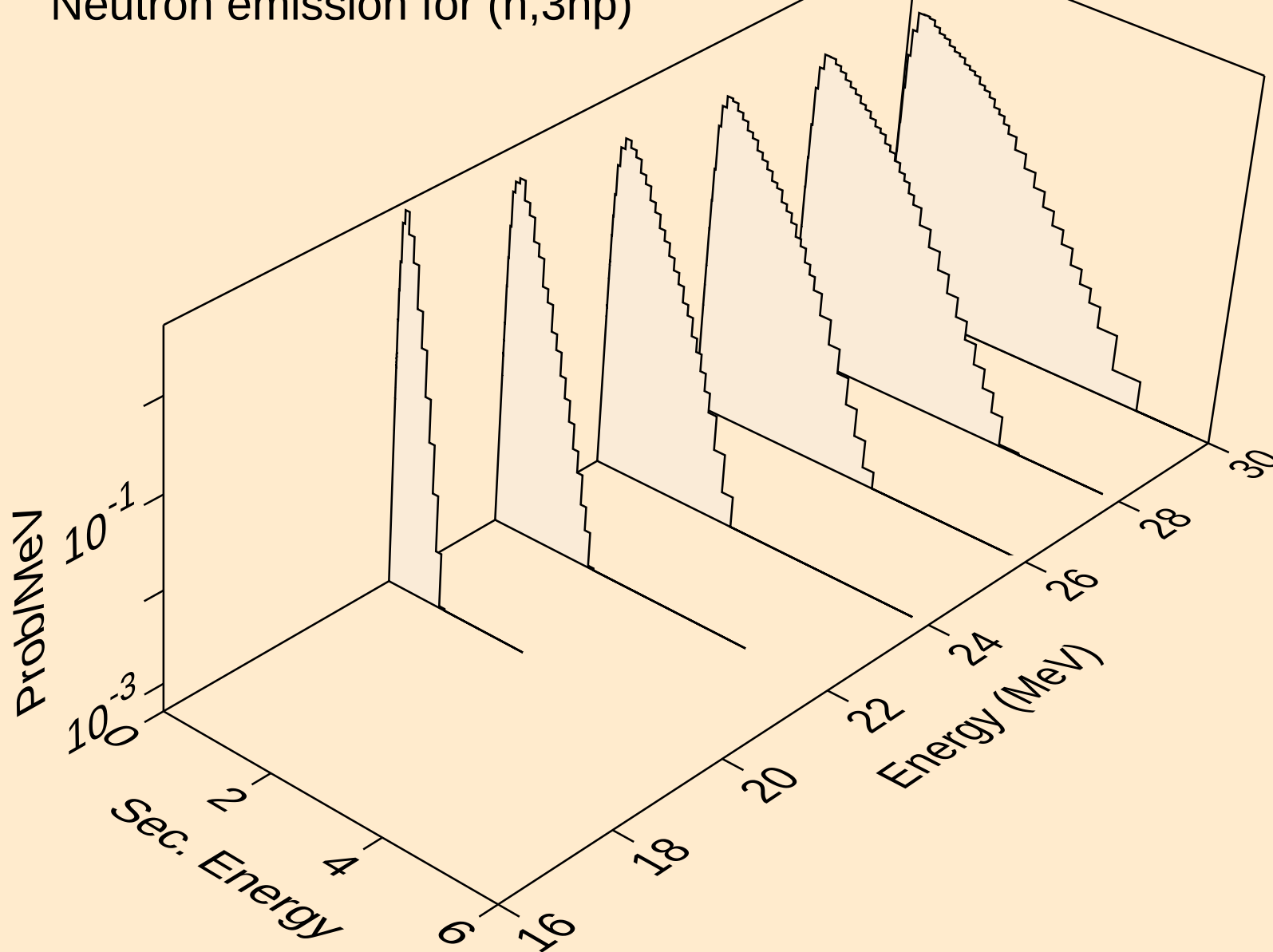
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



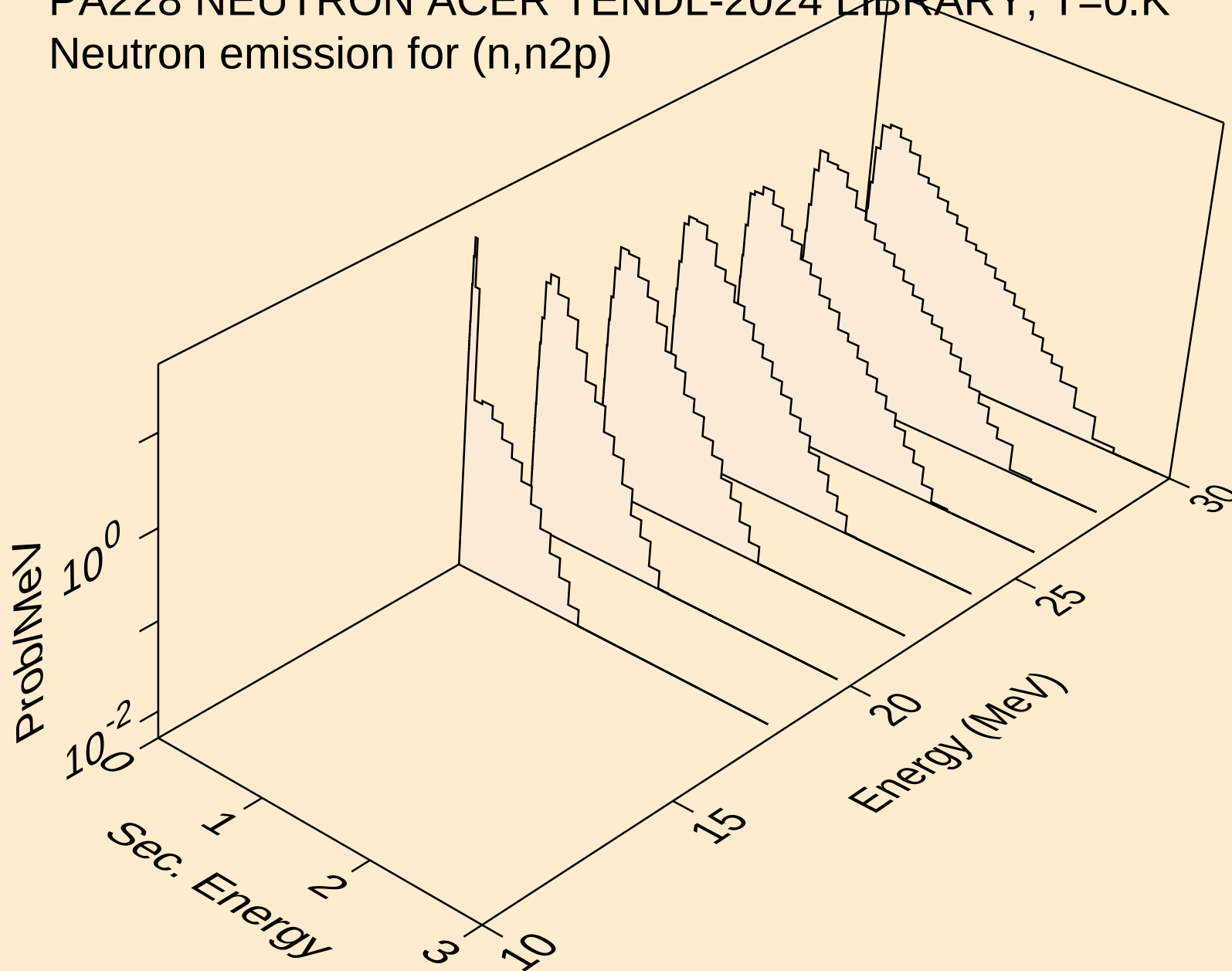
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



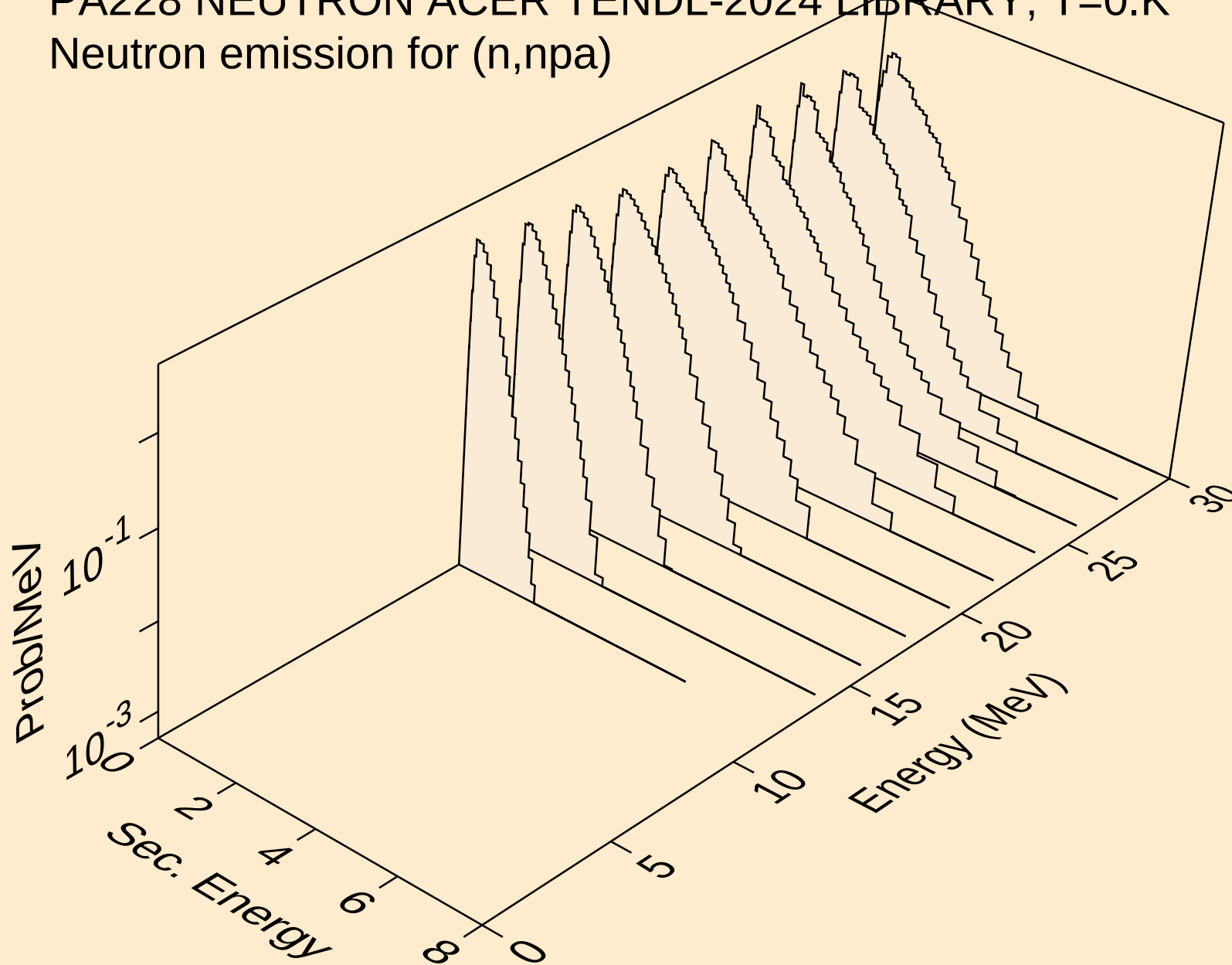
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



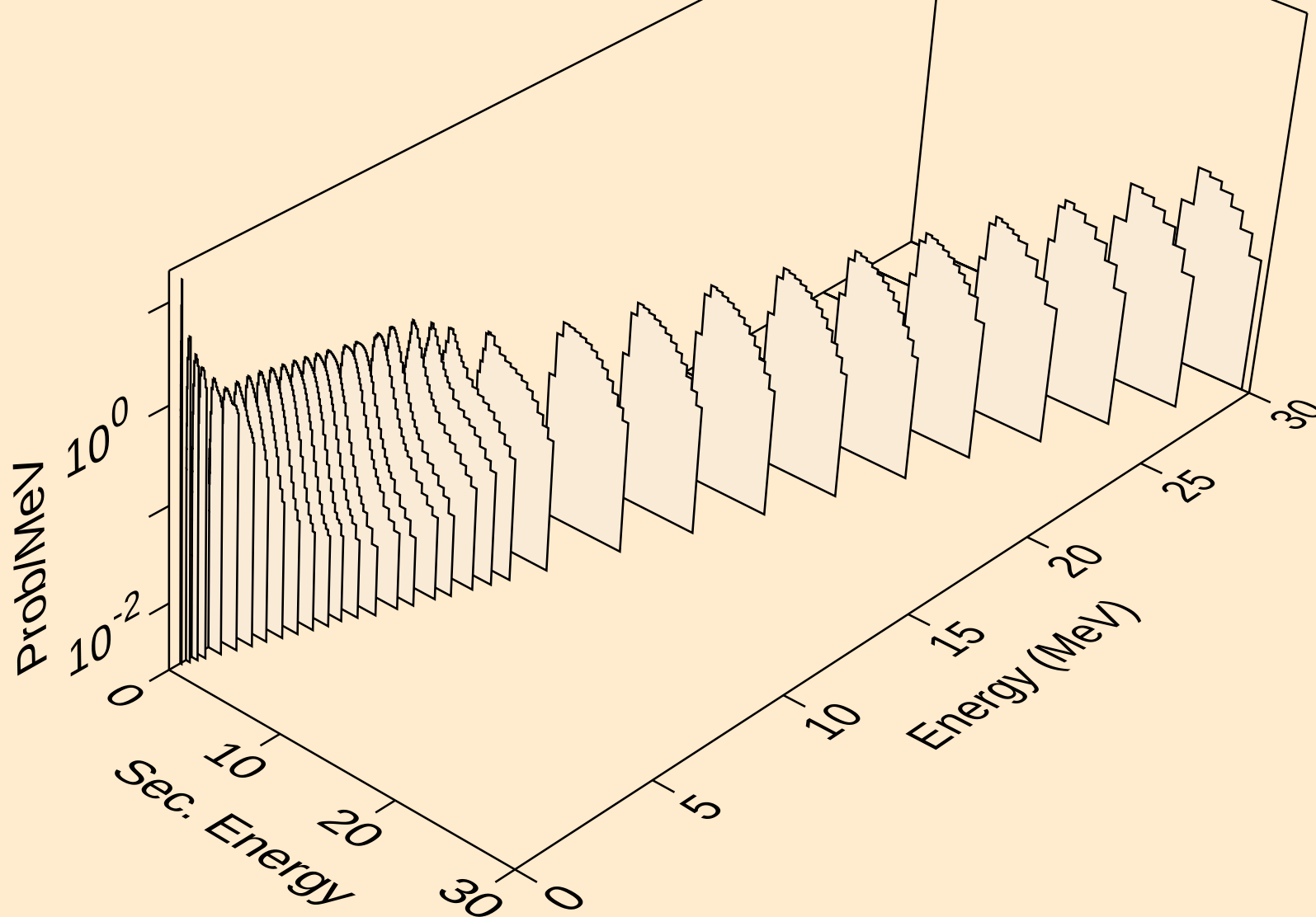
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)

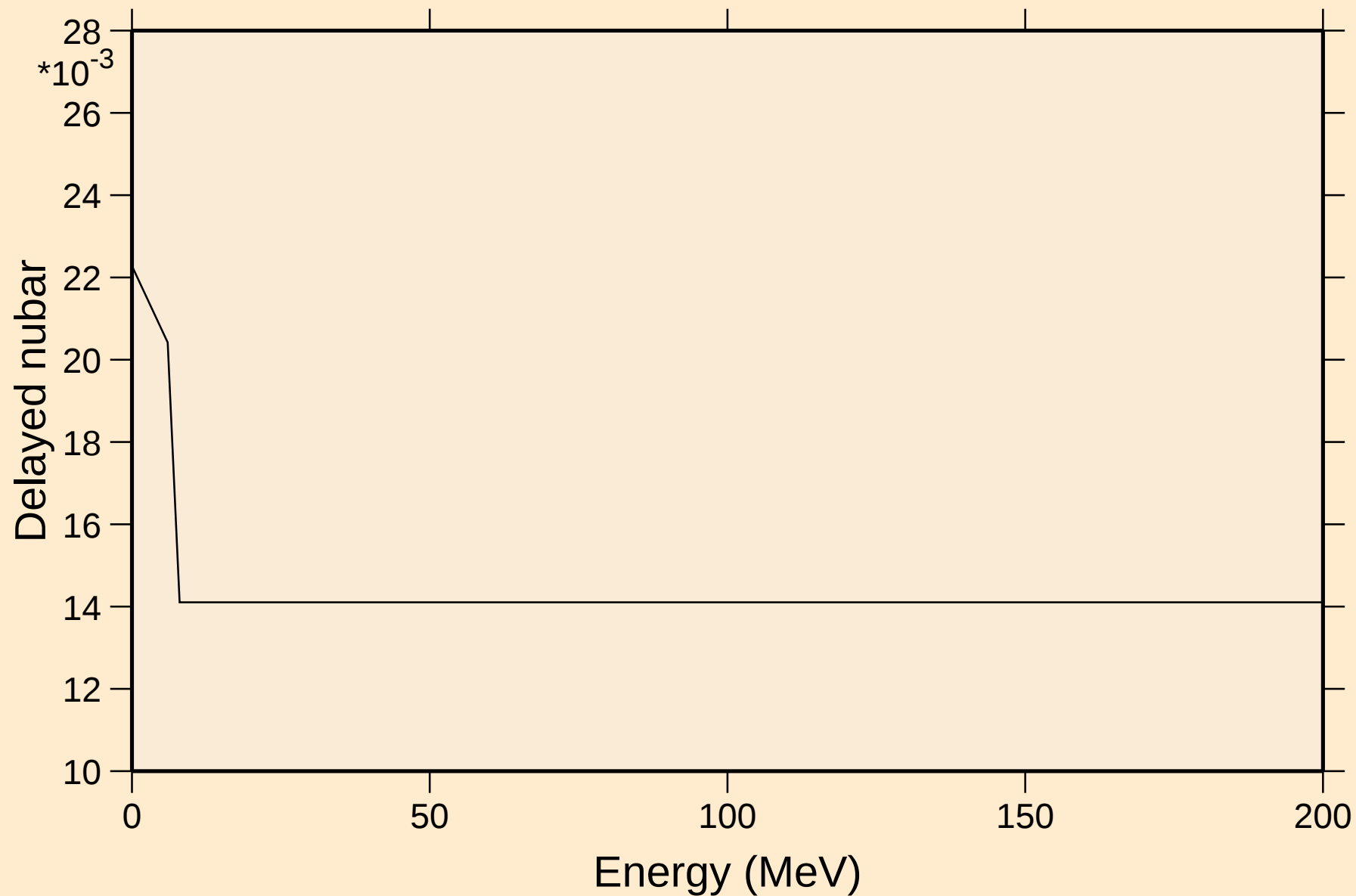


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



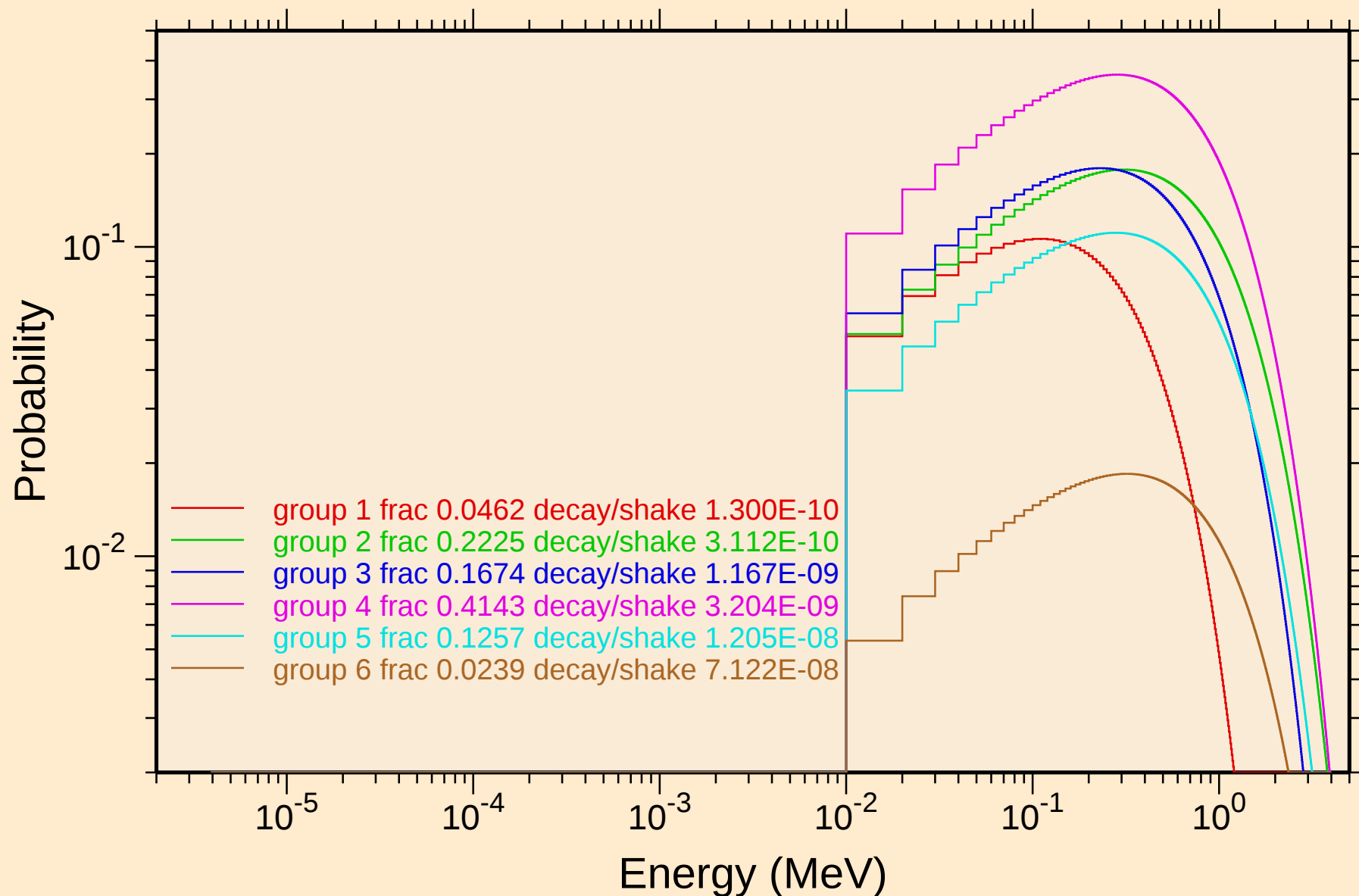
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar

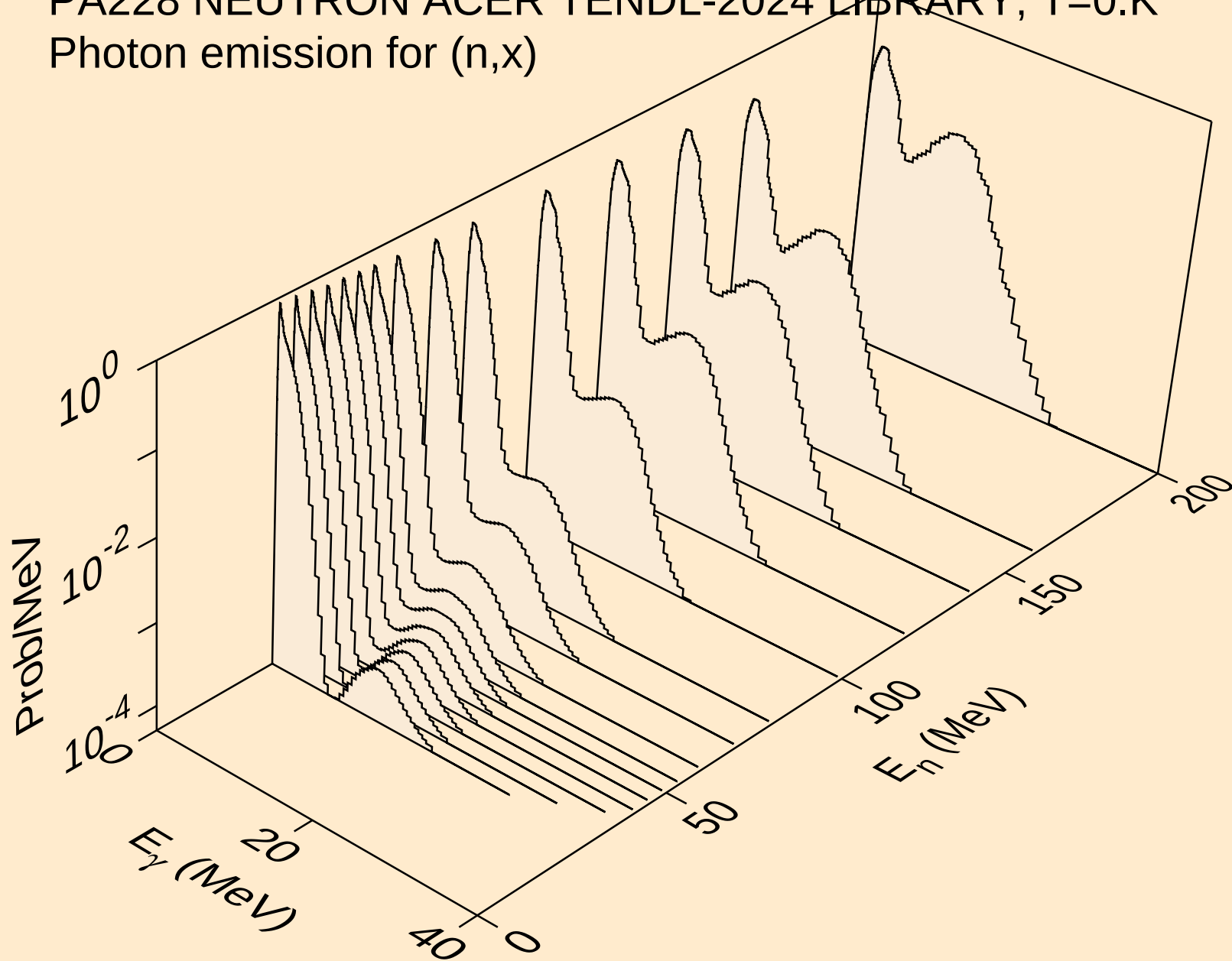


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

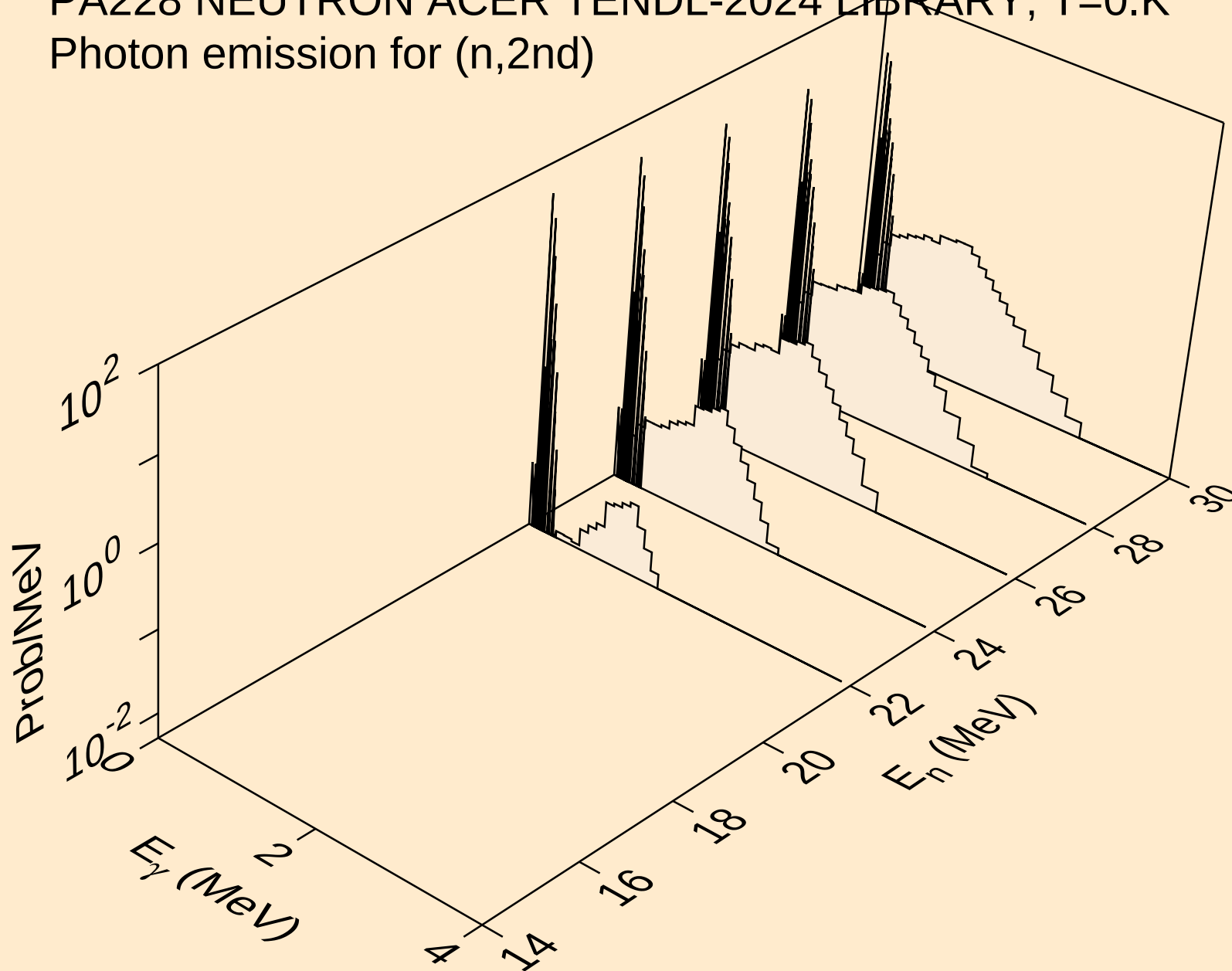
Delayed neutron spectra



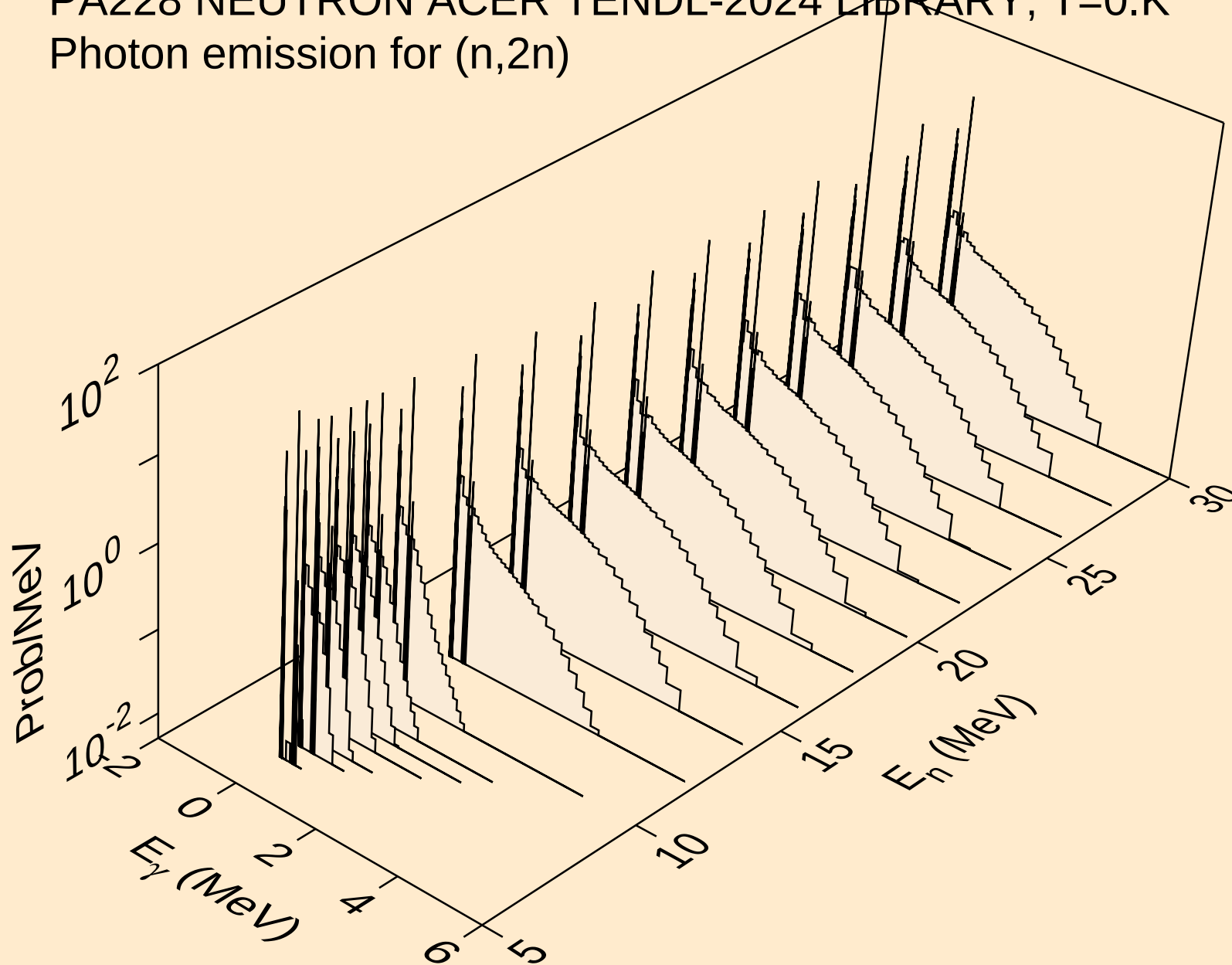
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



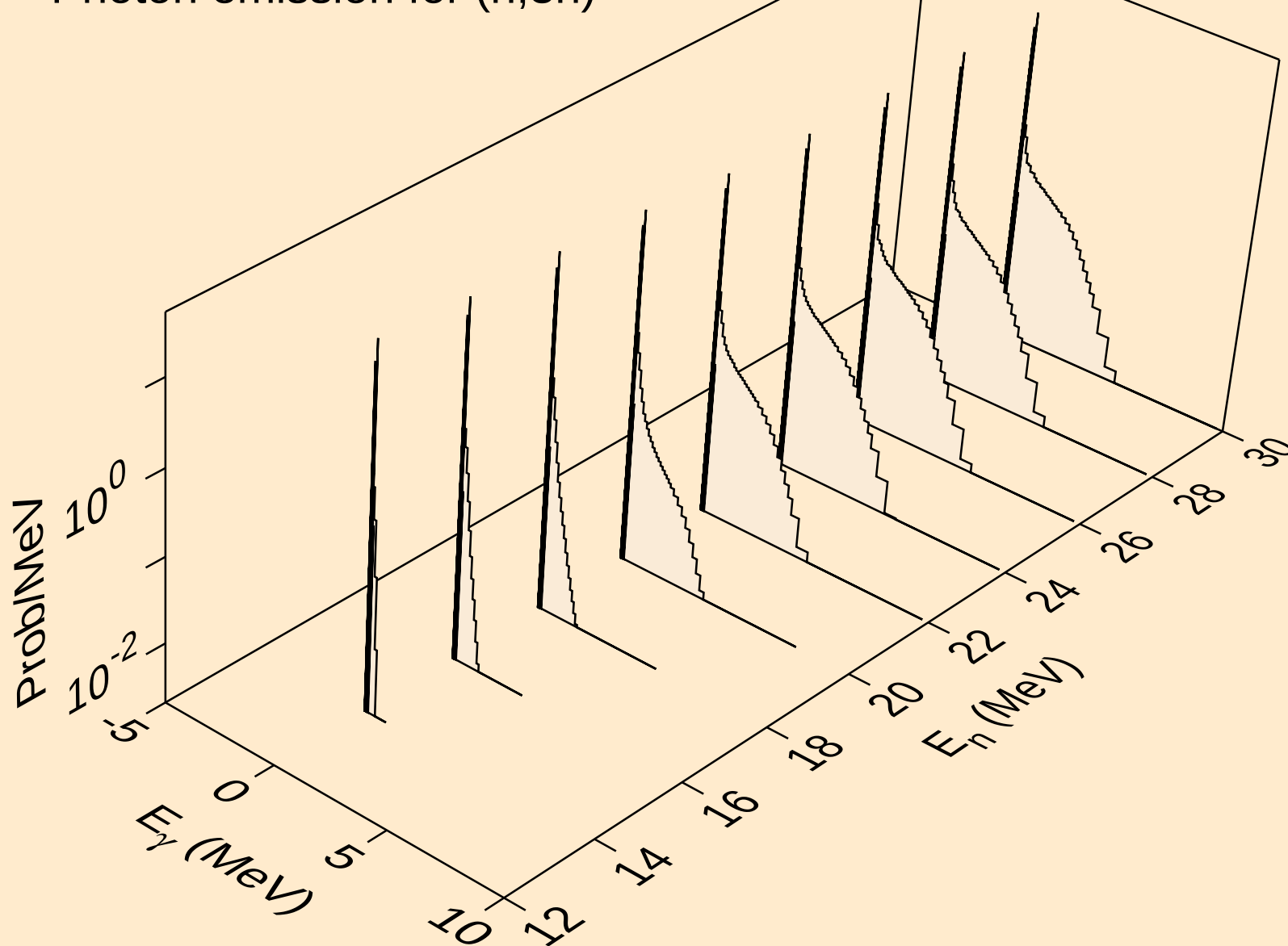
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

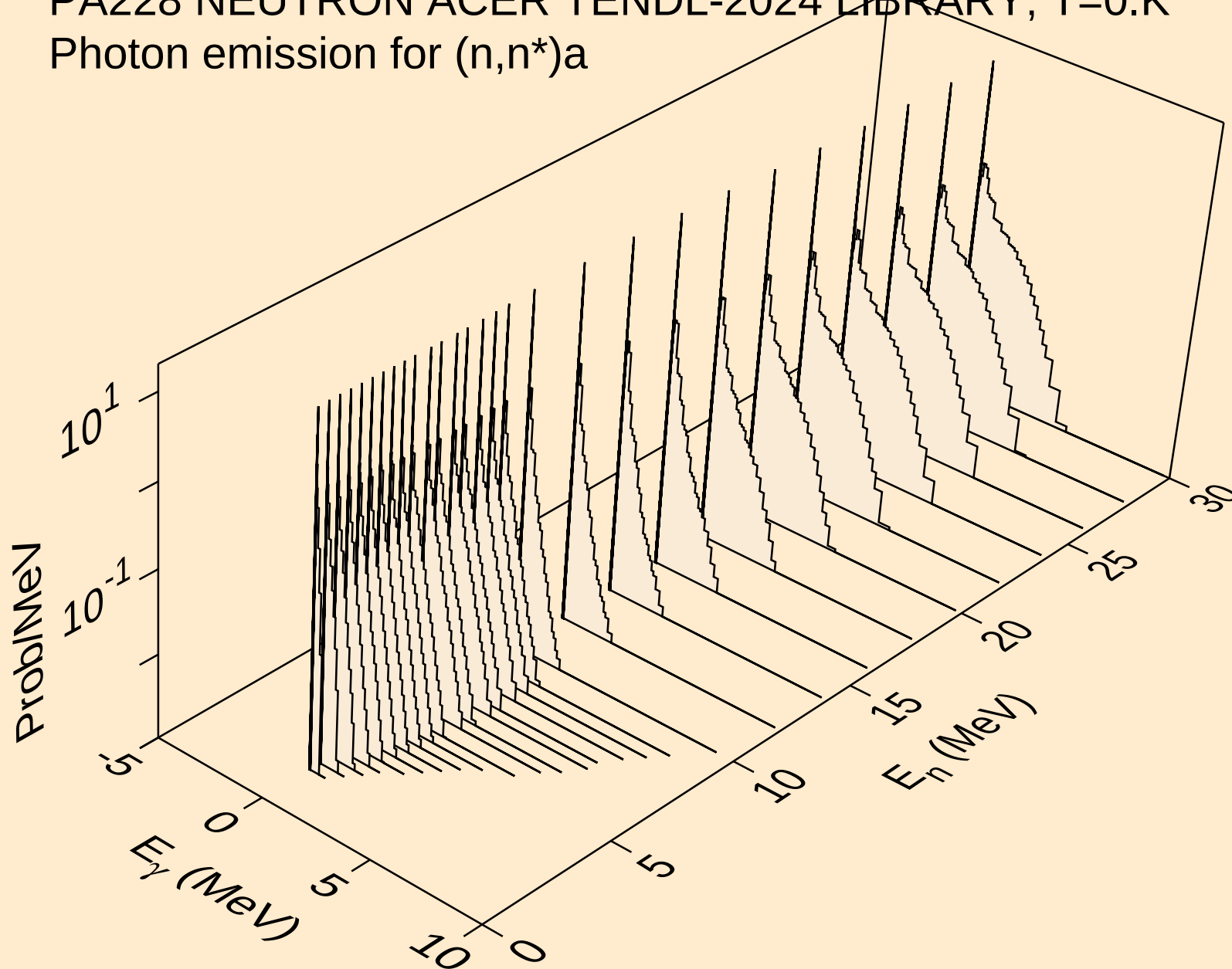


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



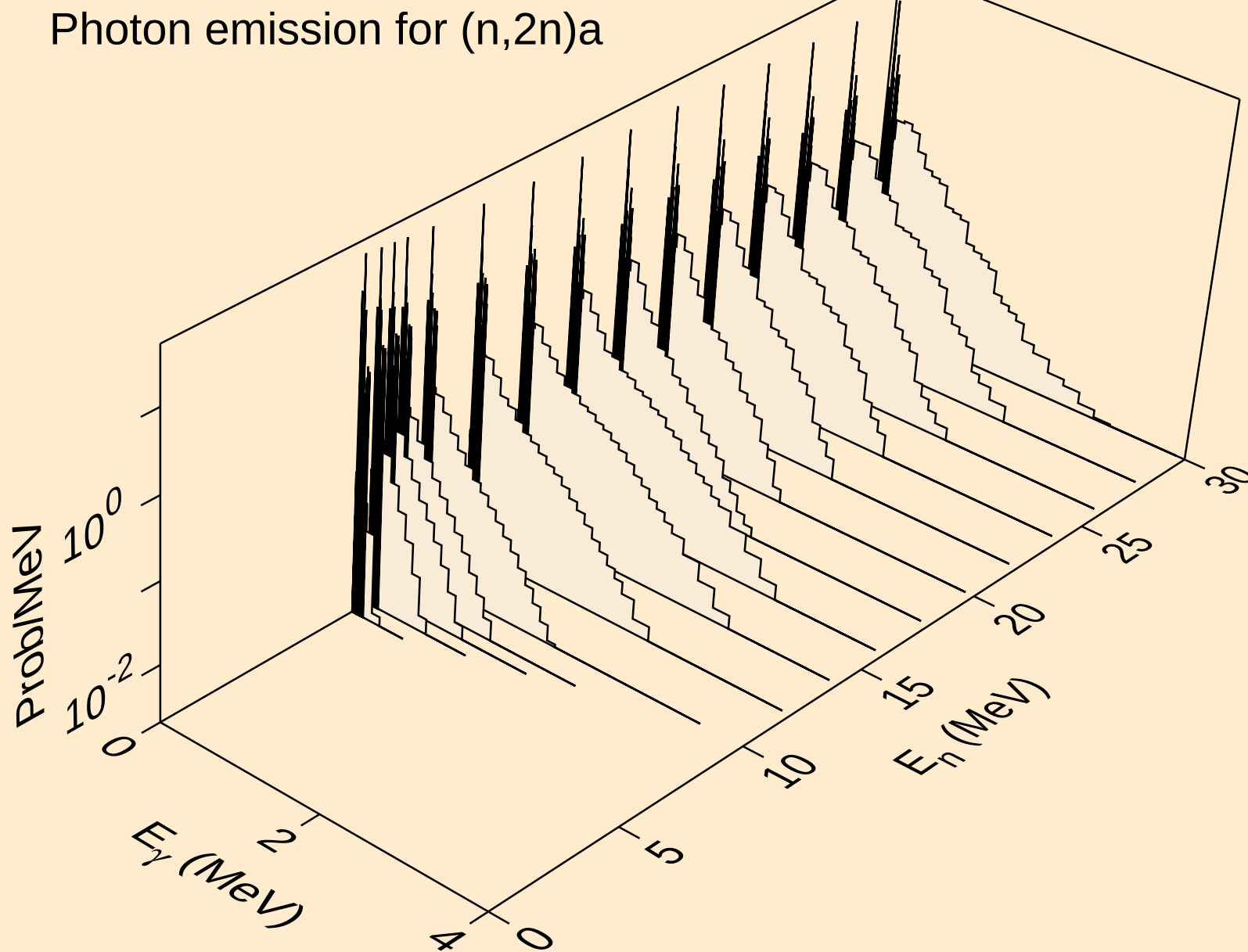
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



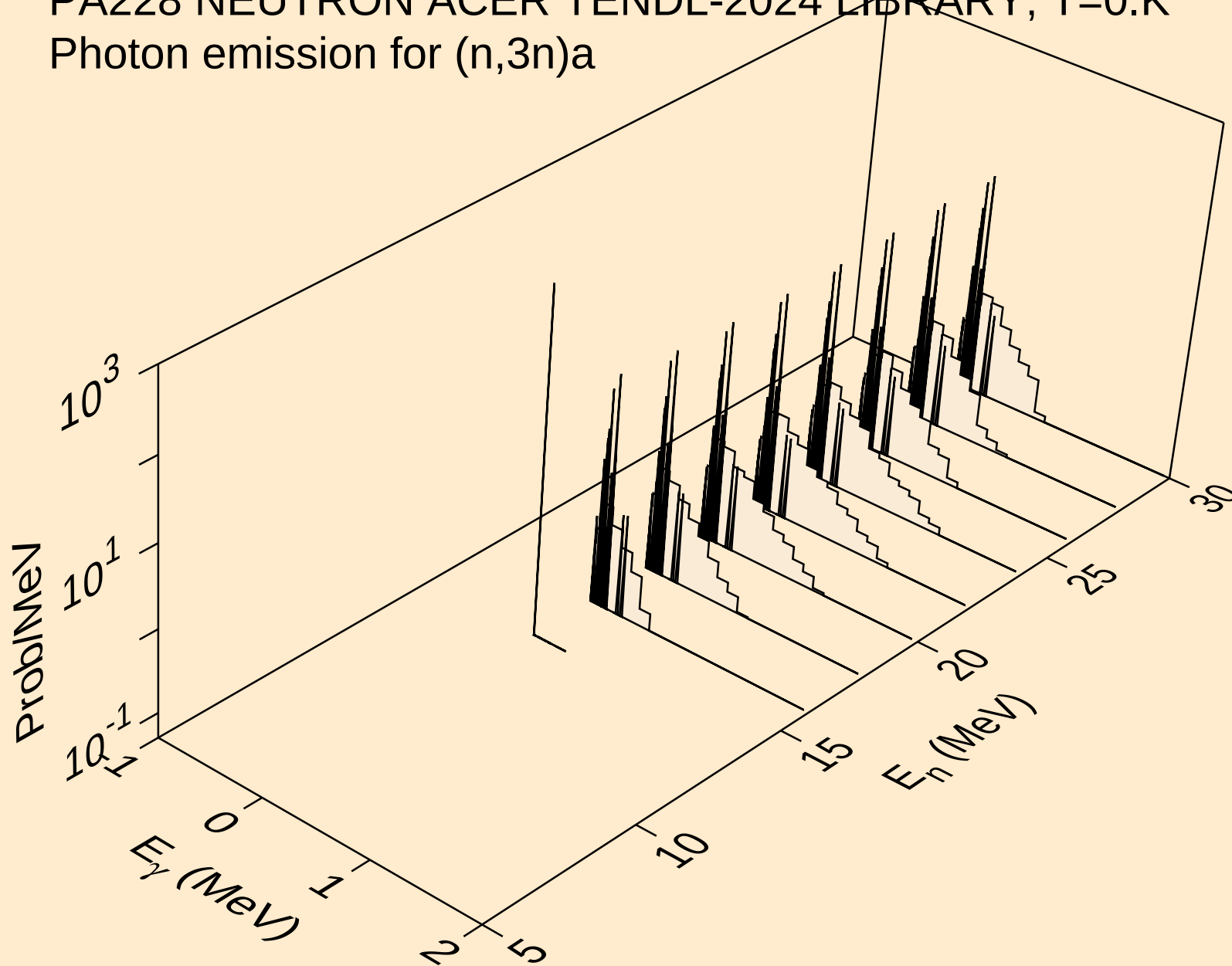
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



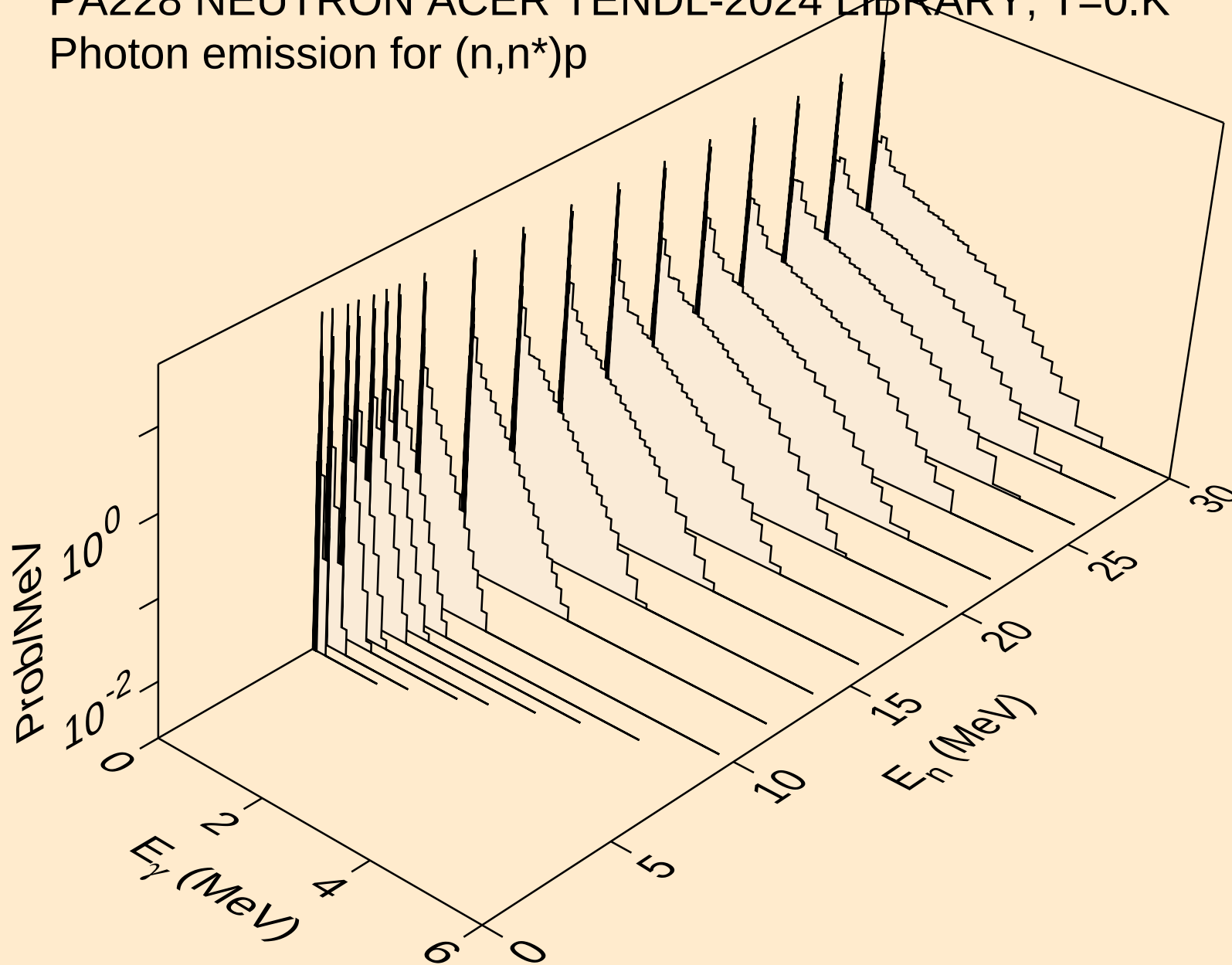
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a



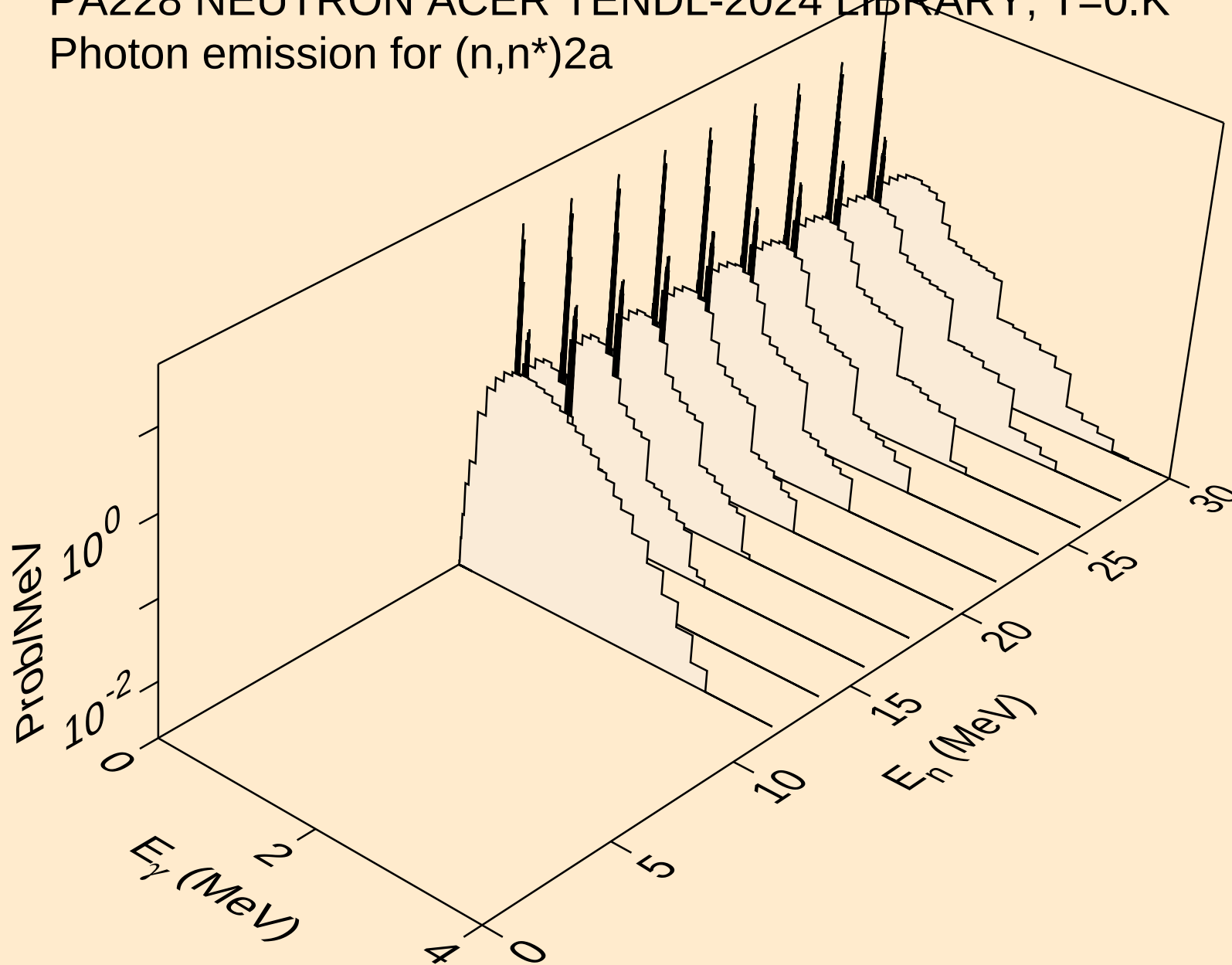
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



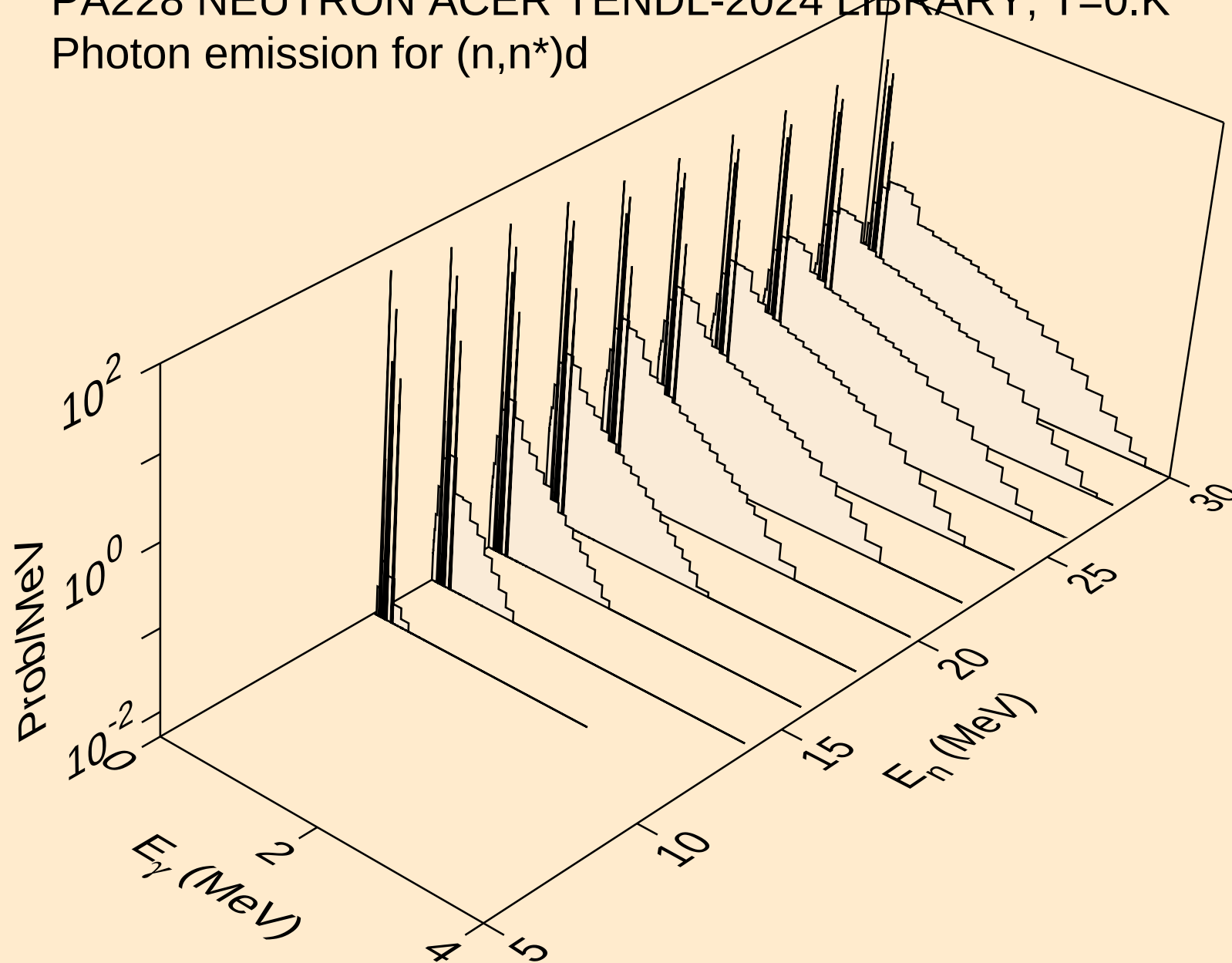
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



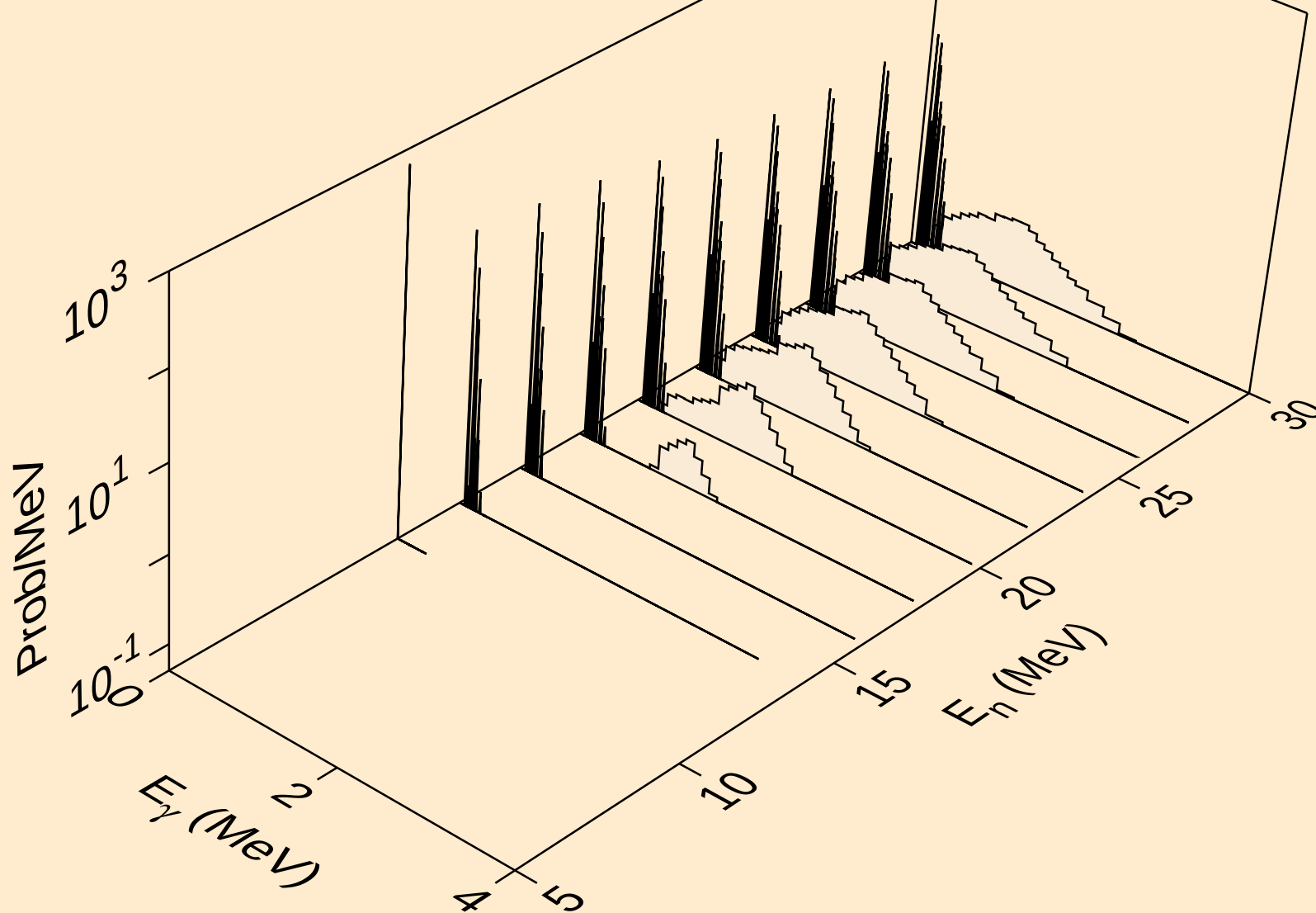
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

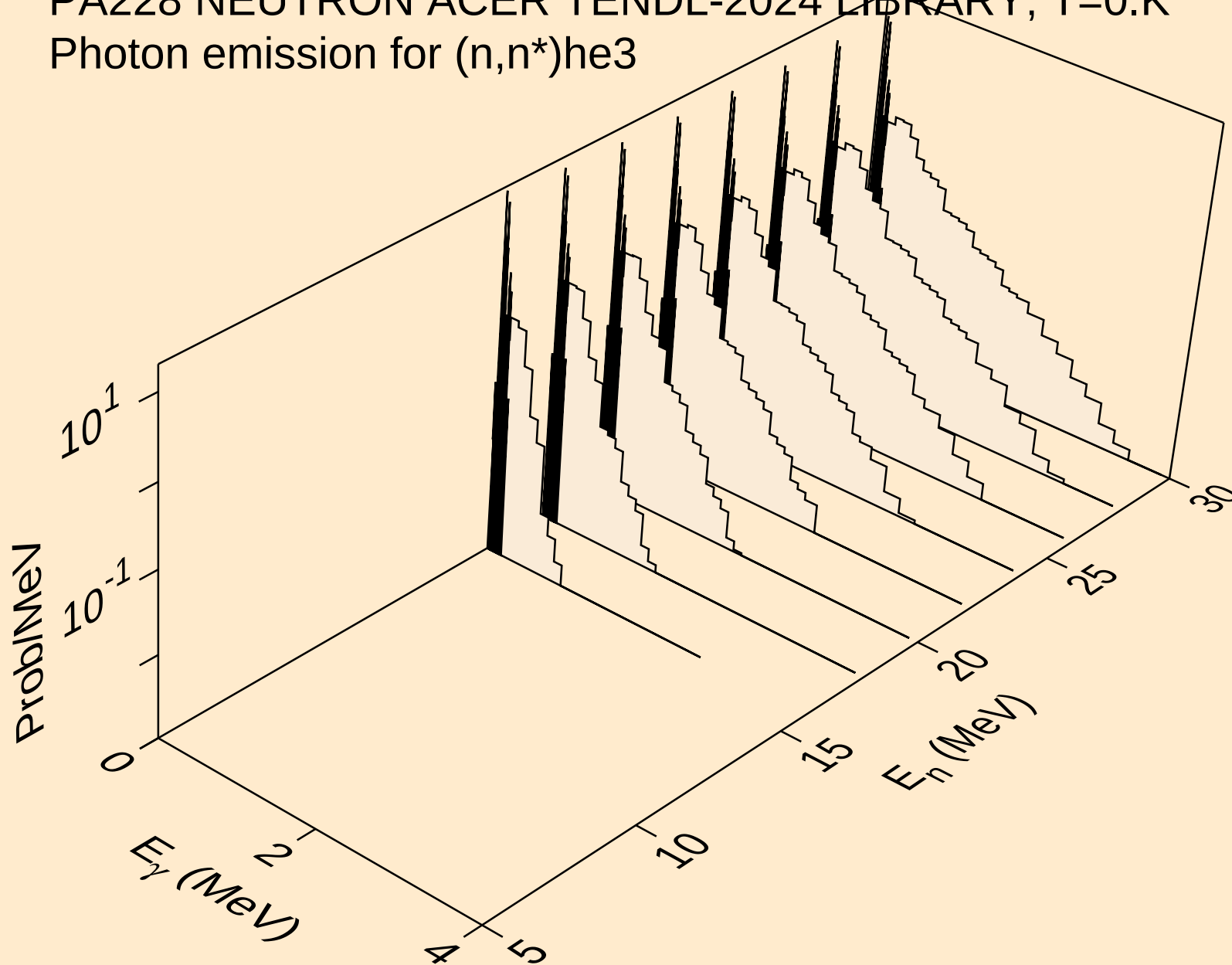


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

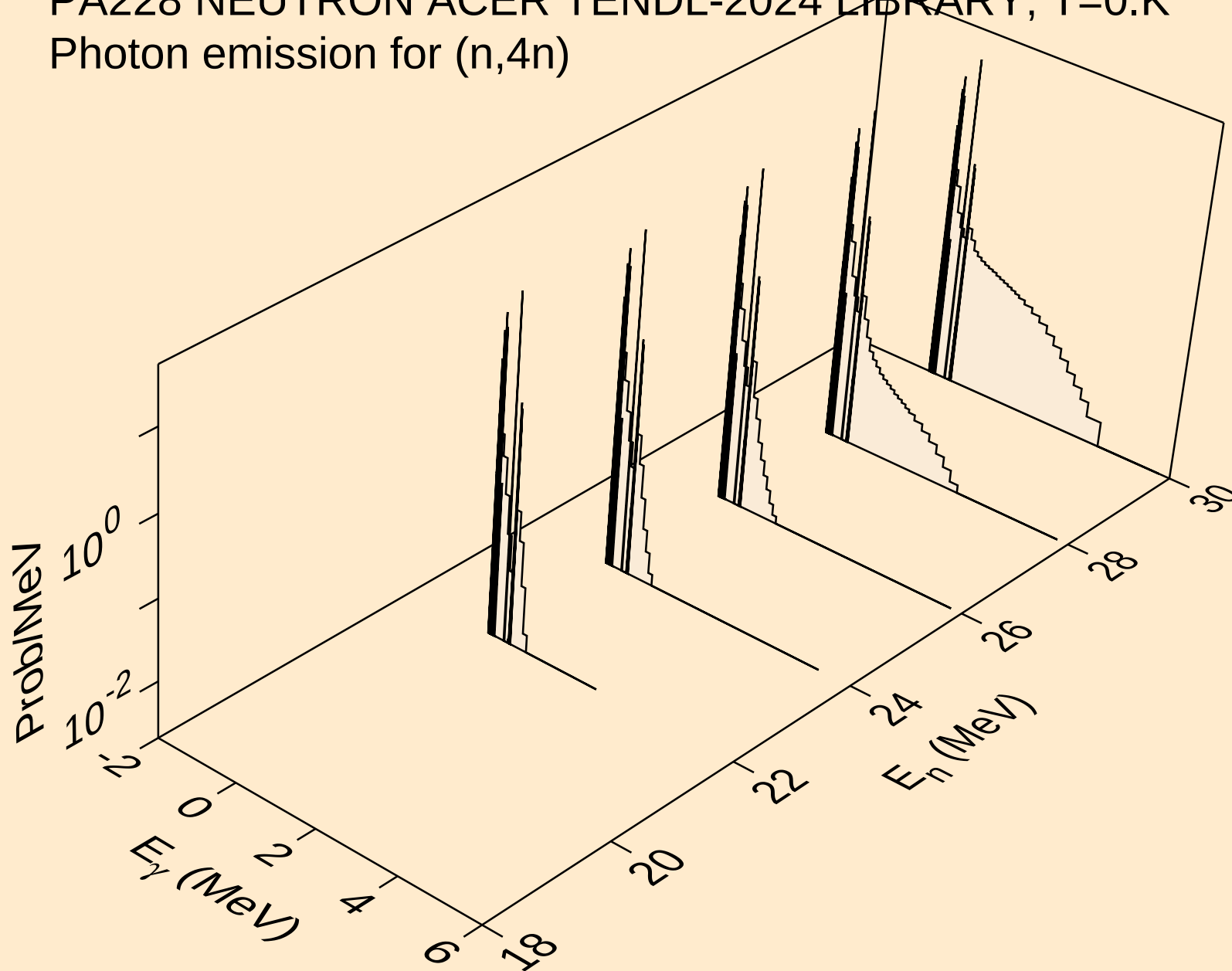
Photon emission for (n,n*)t



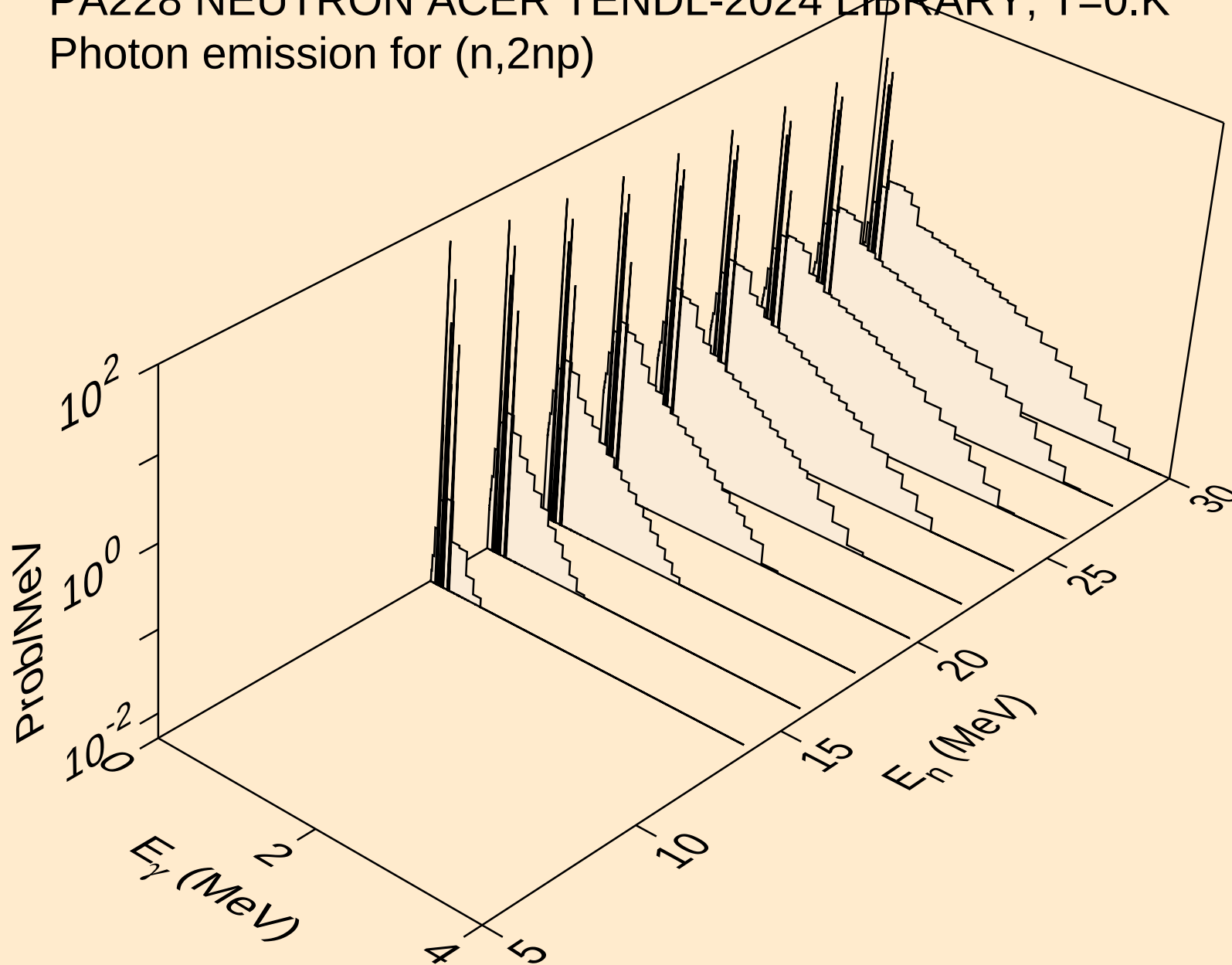
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



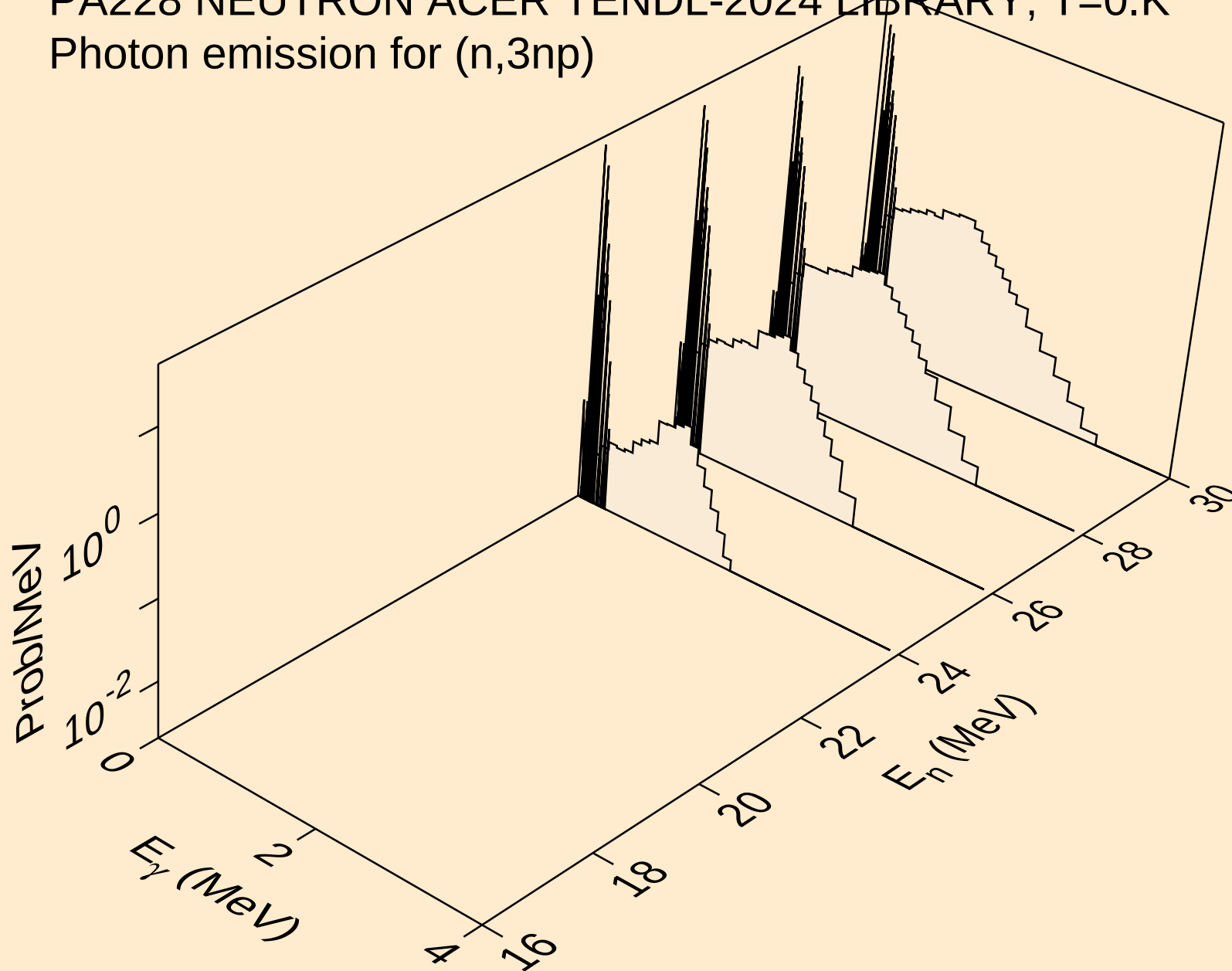
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)

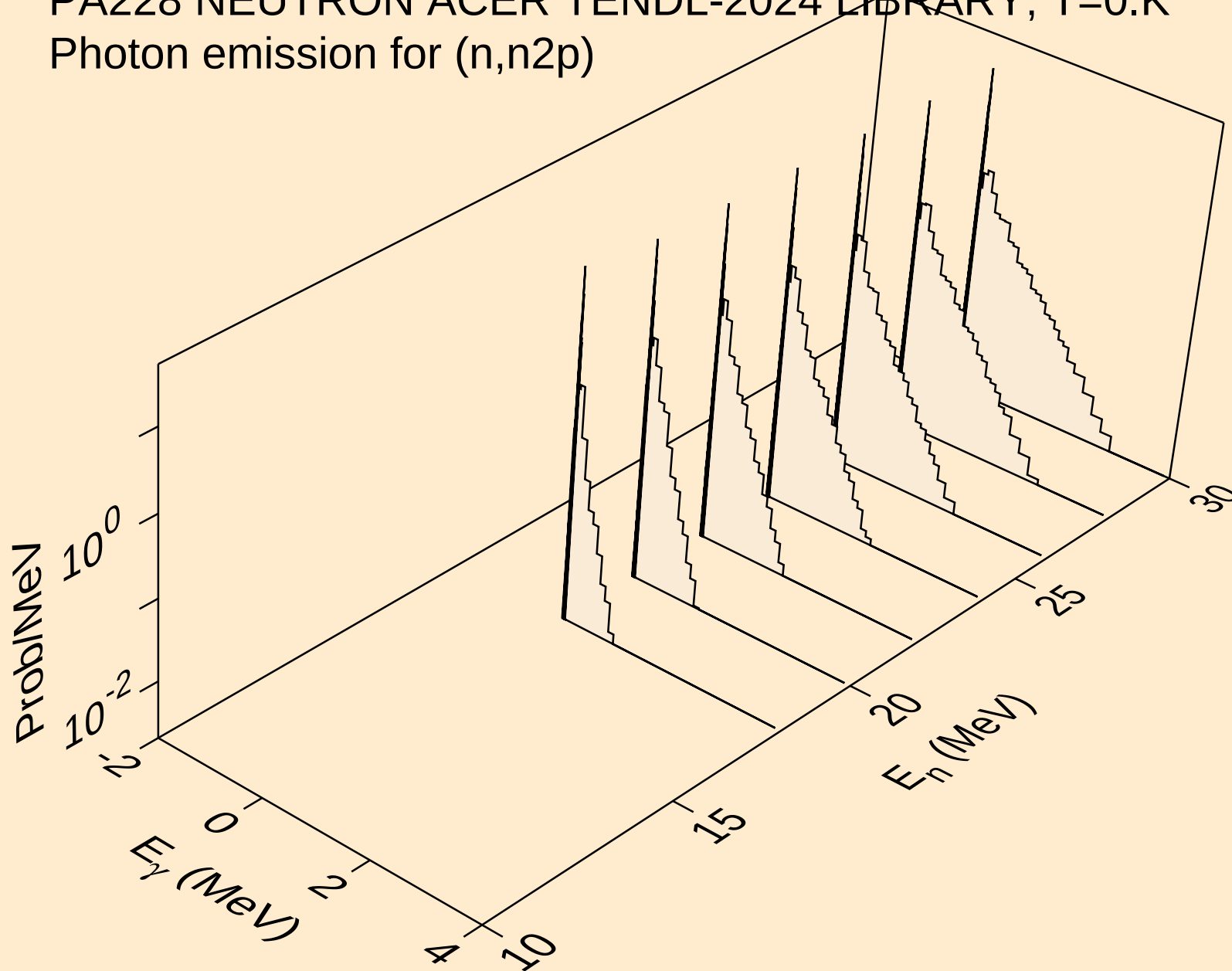


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



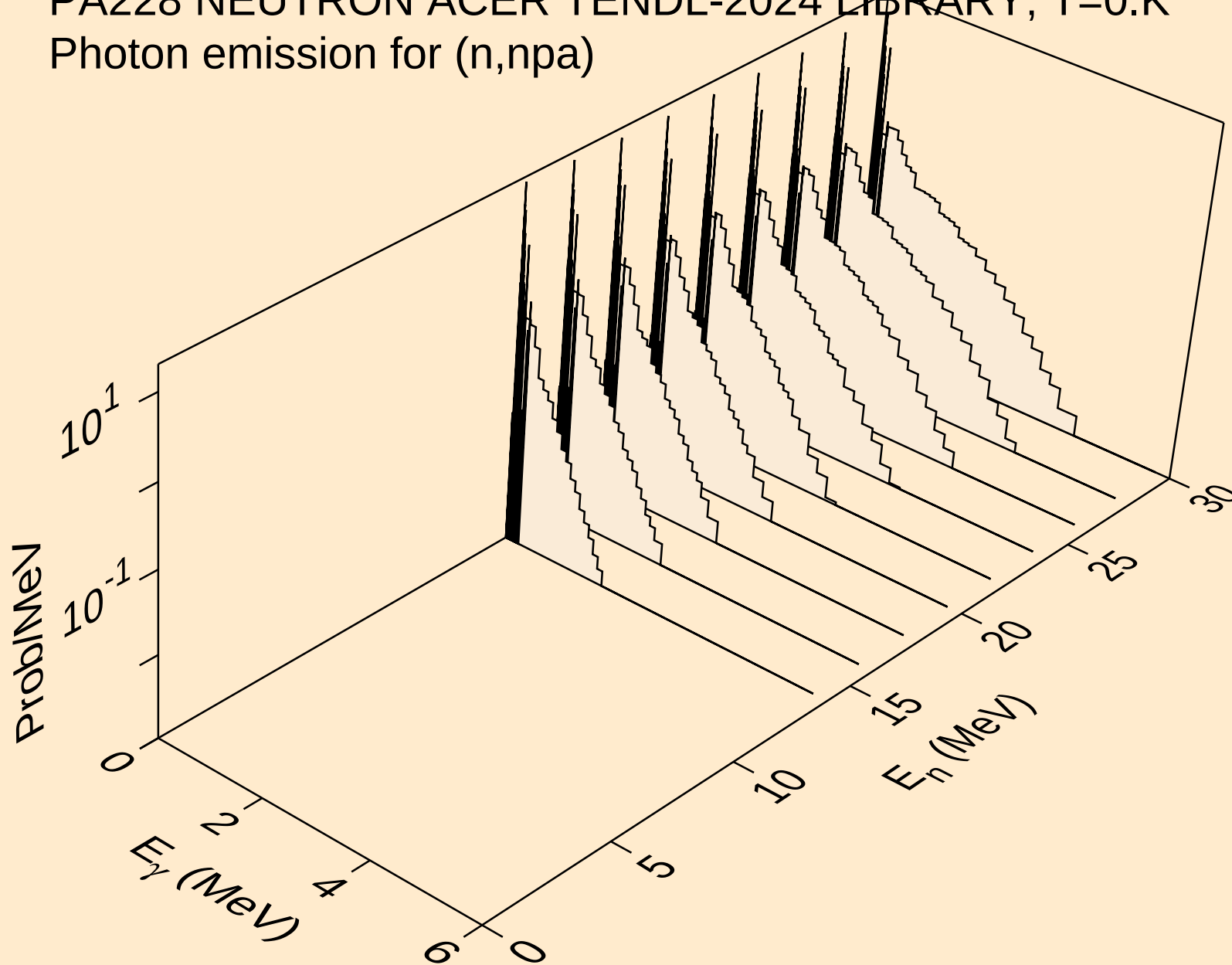
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n2p)

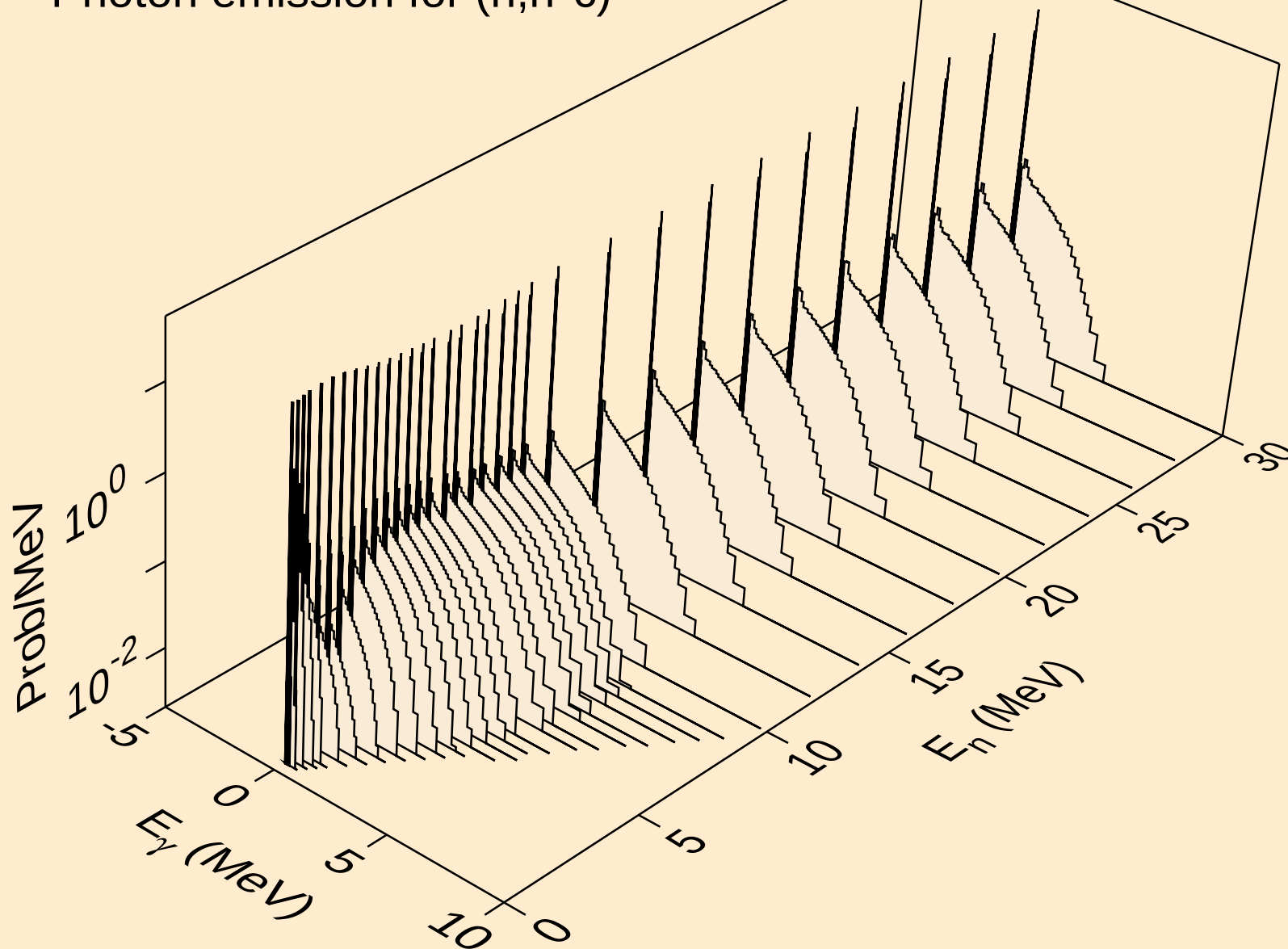


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

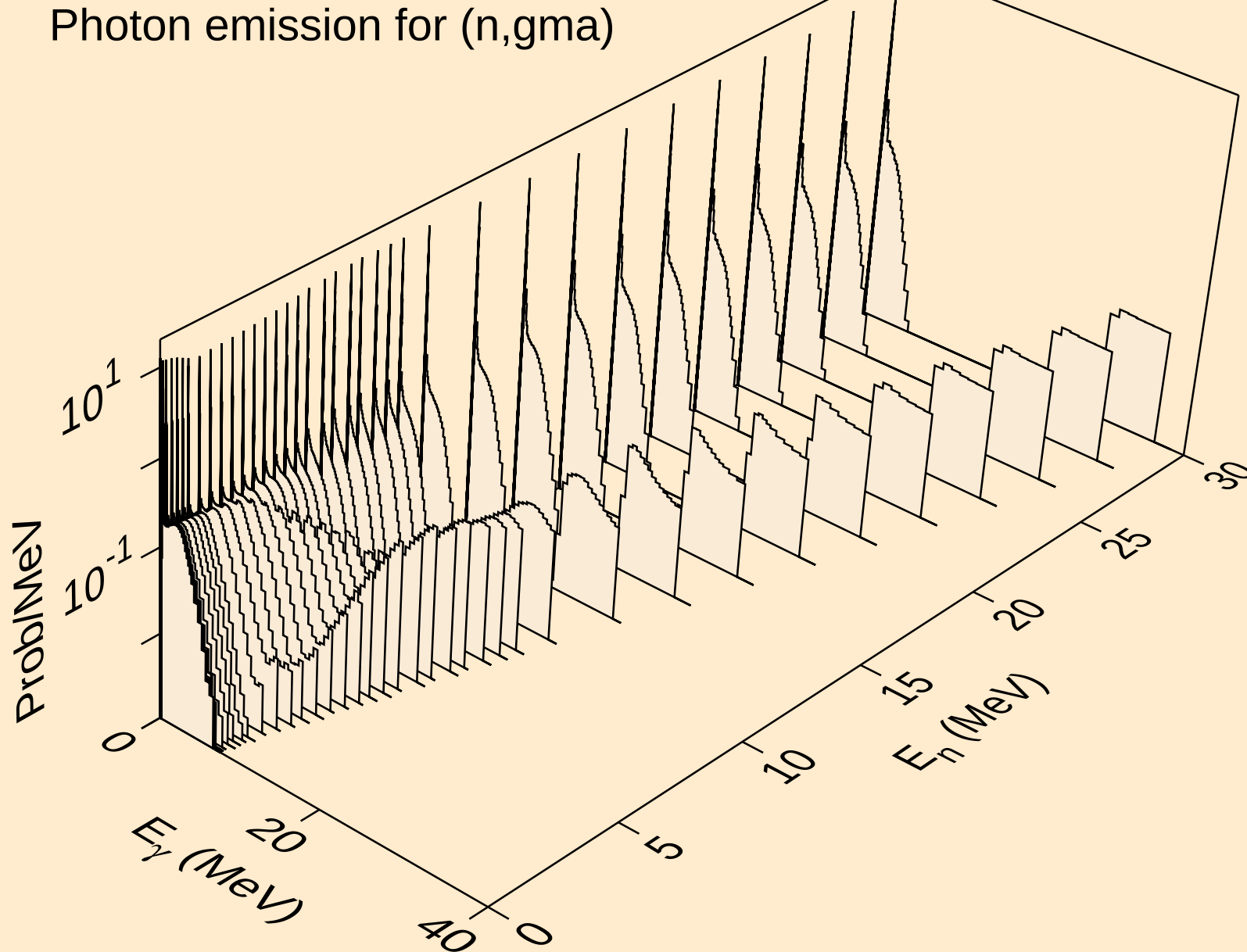
Photon emission for (n,npa)



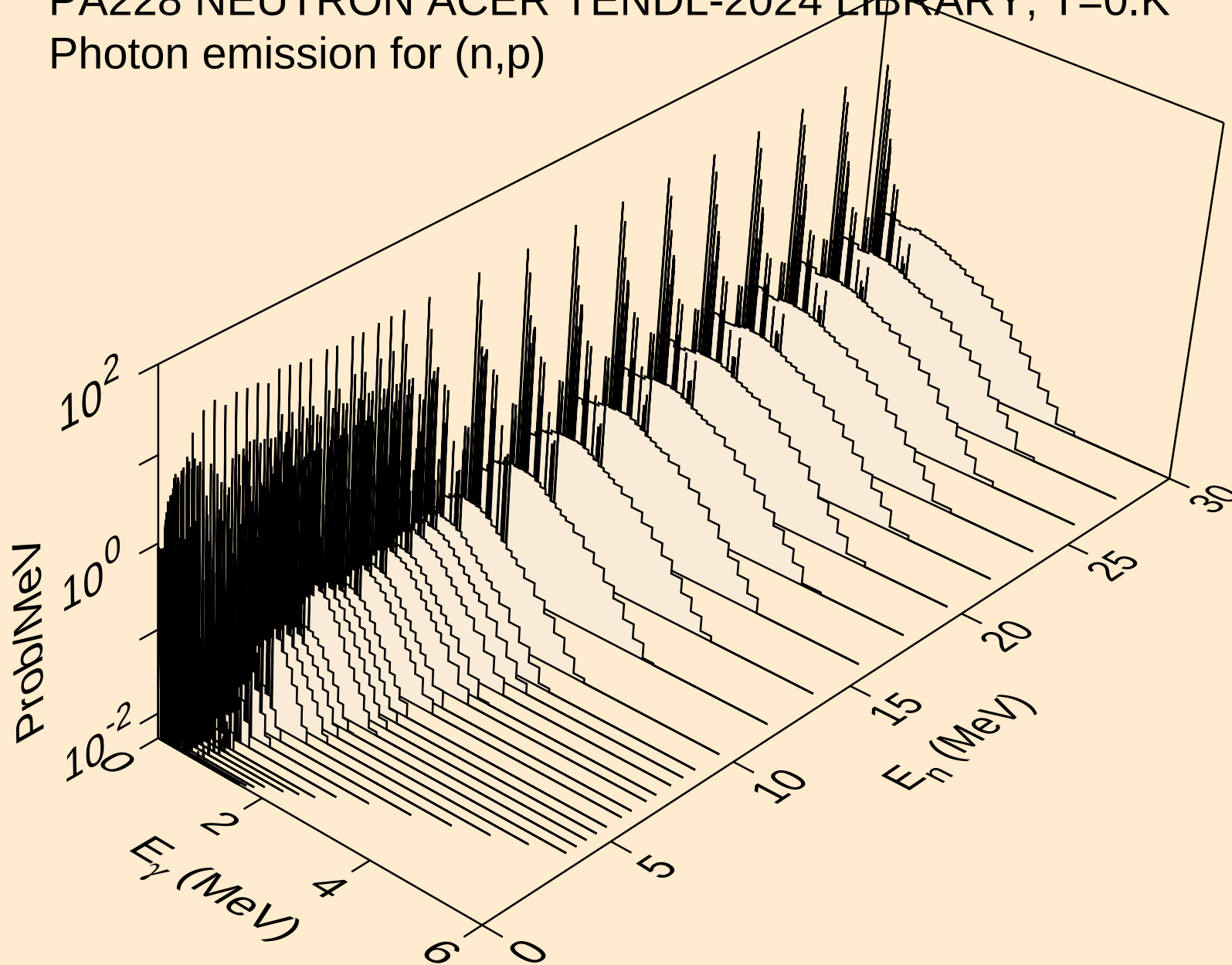
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



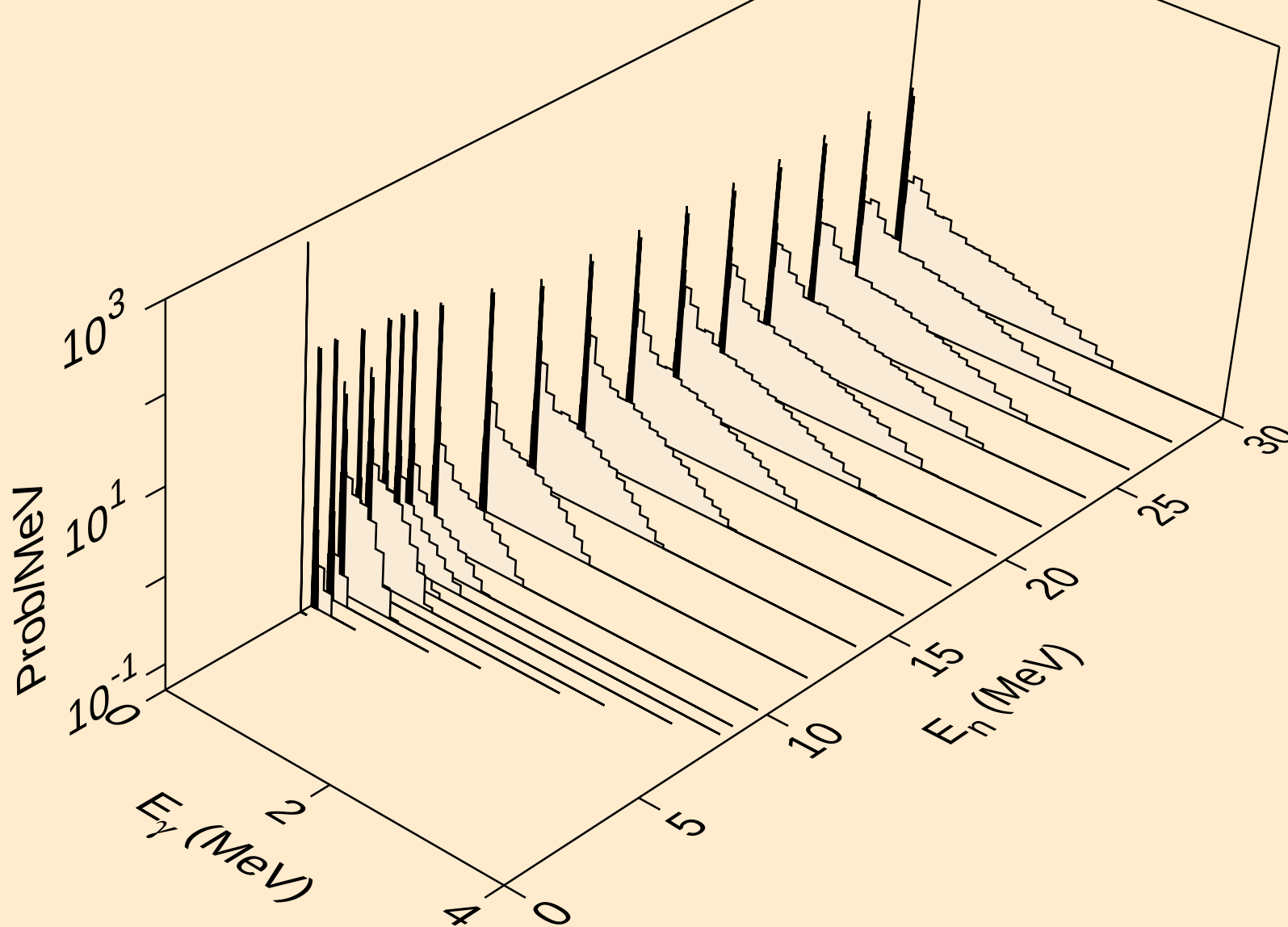
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



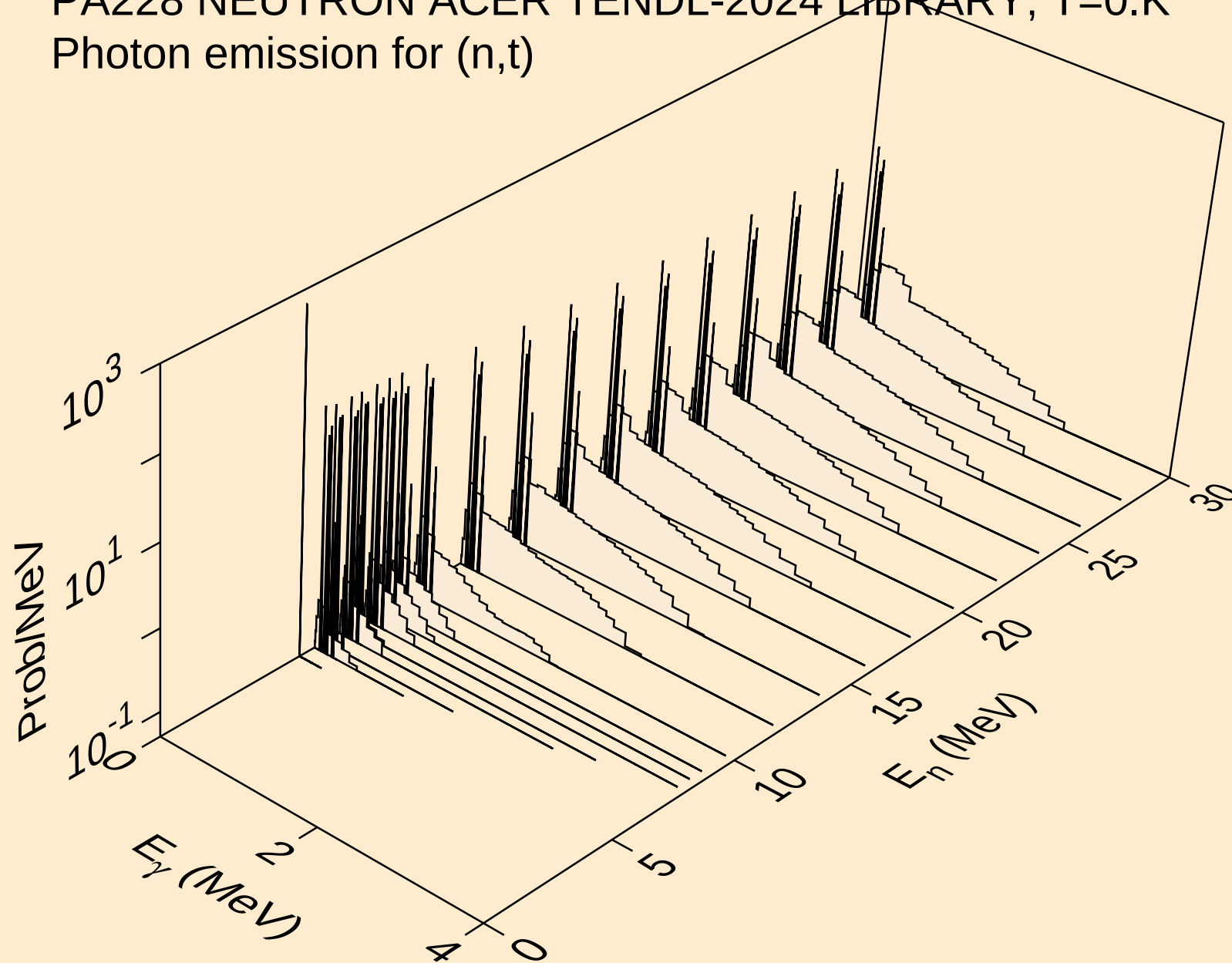
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



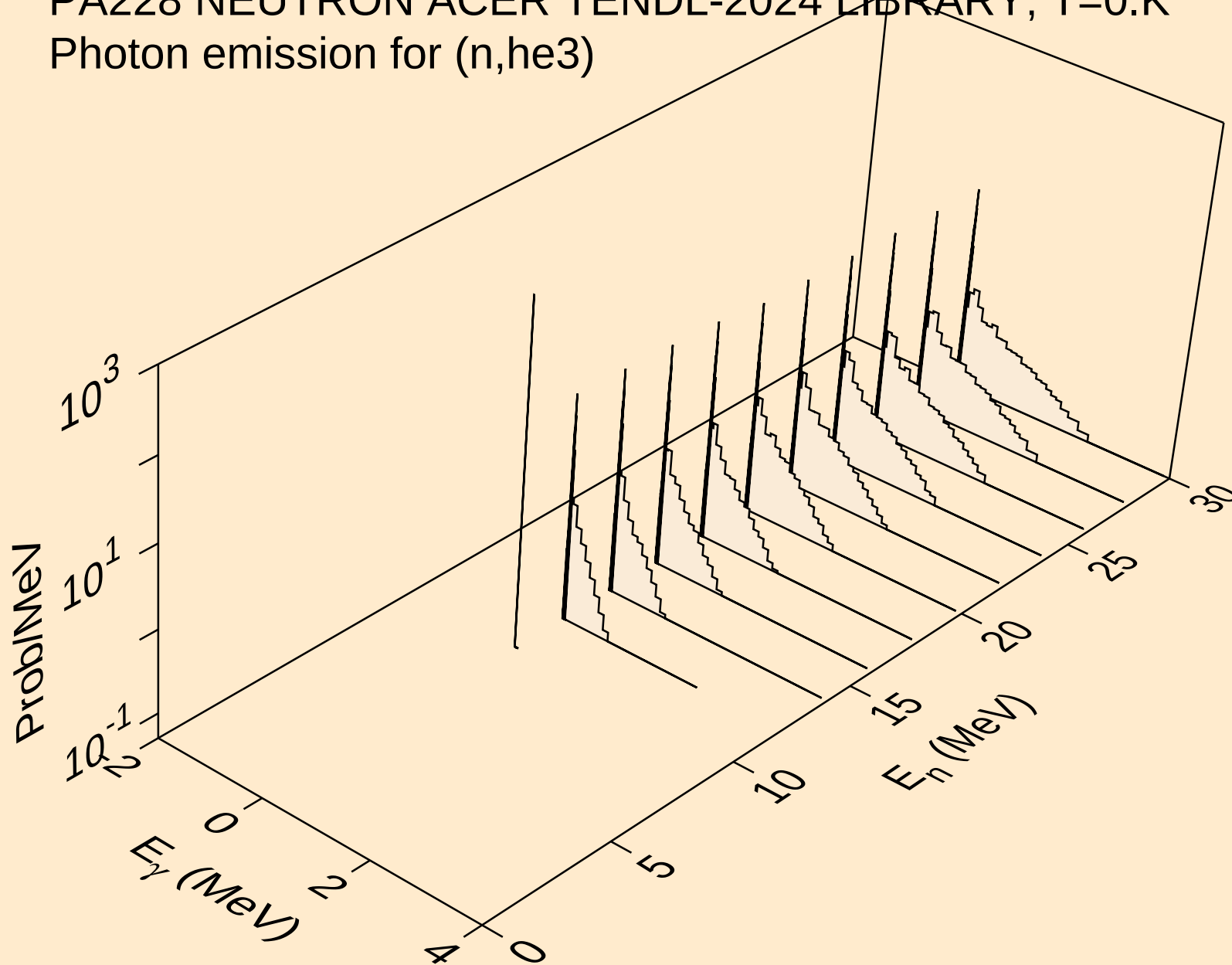
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



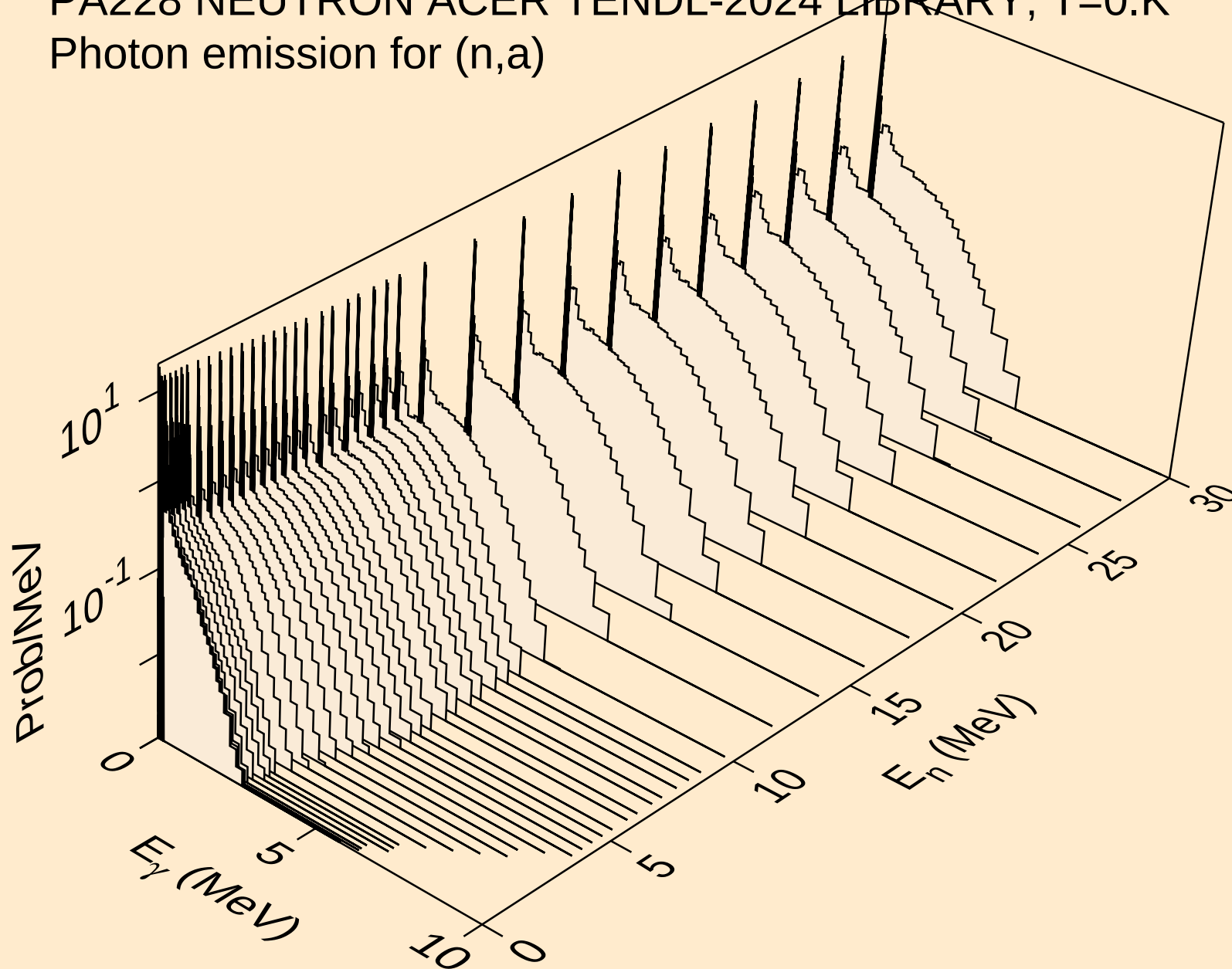
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



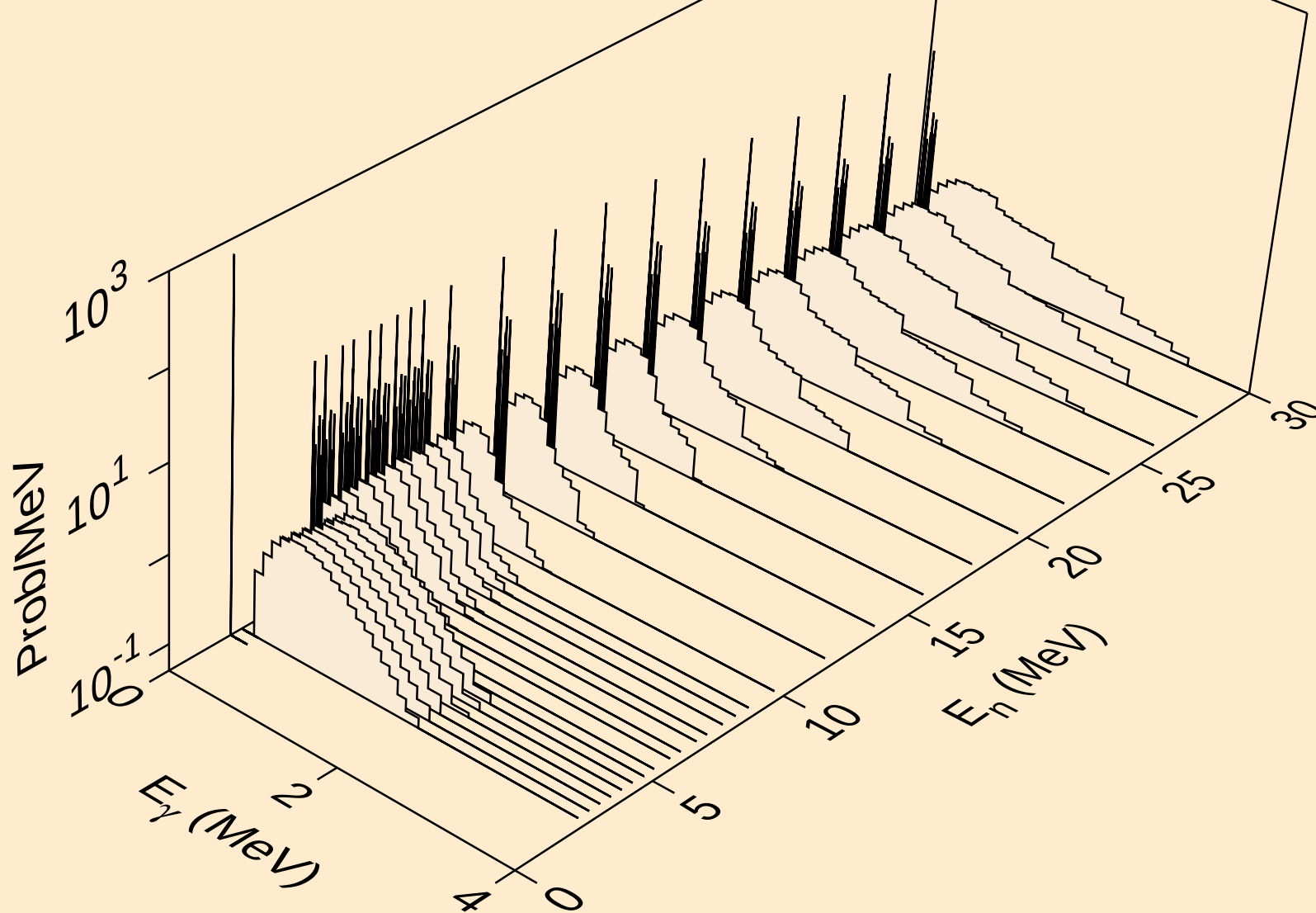
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



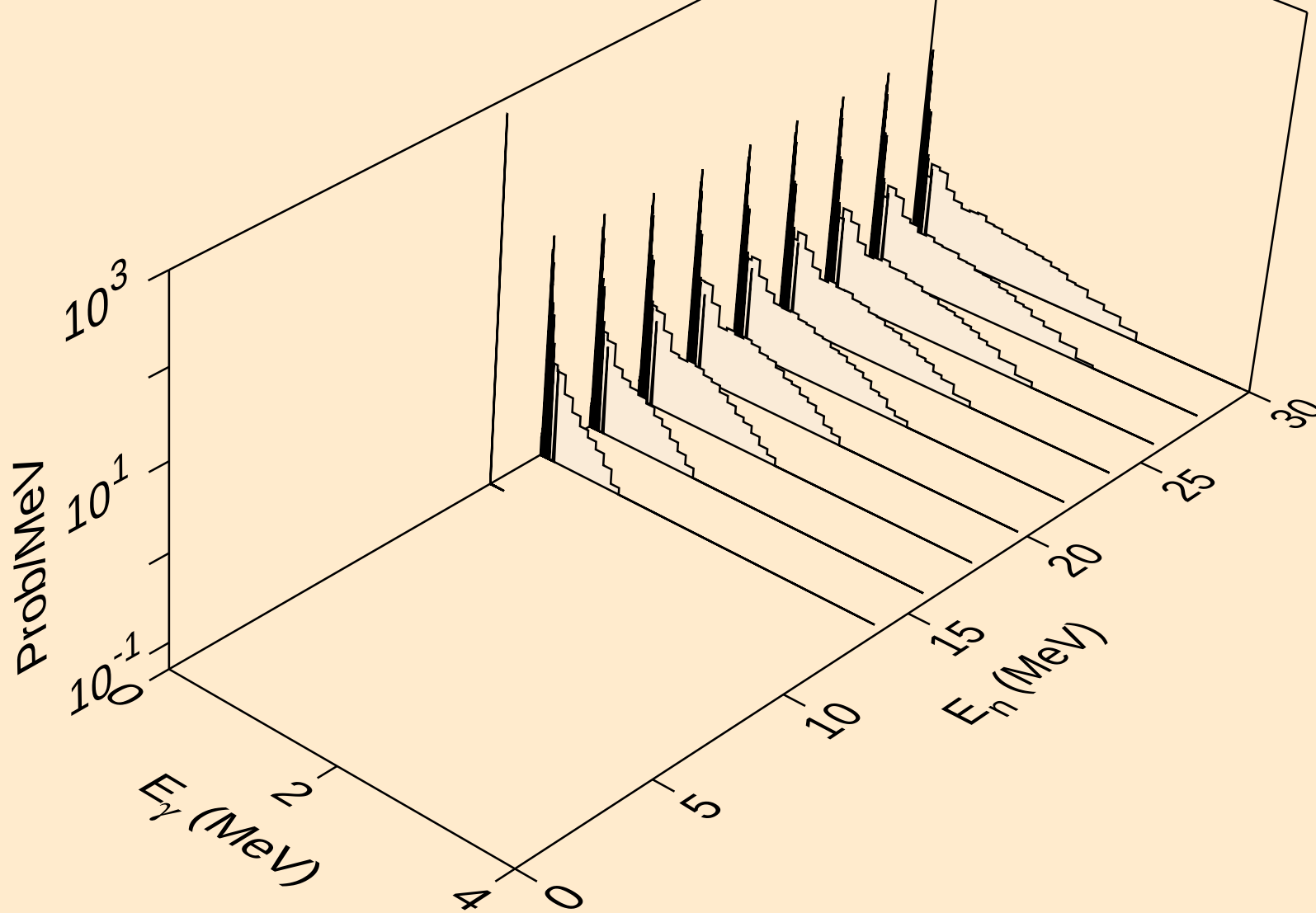
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



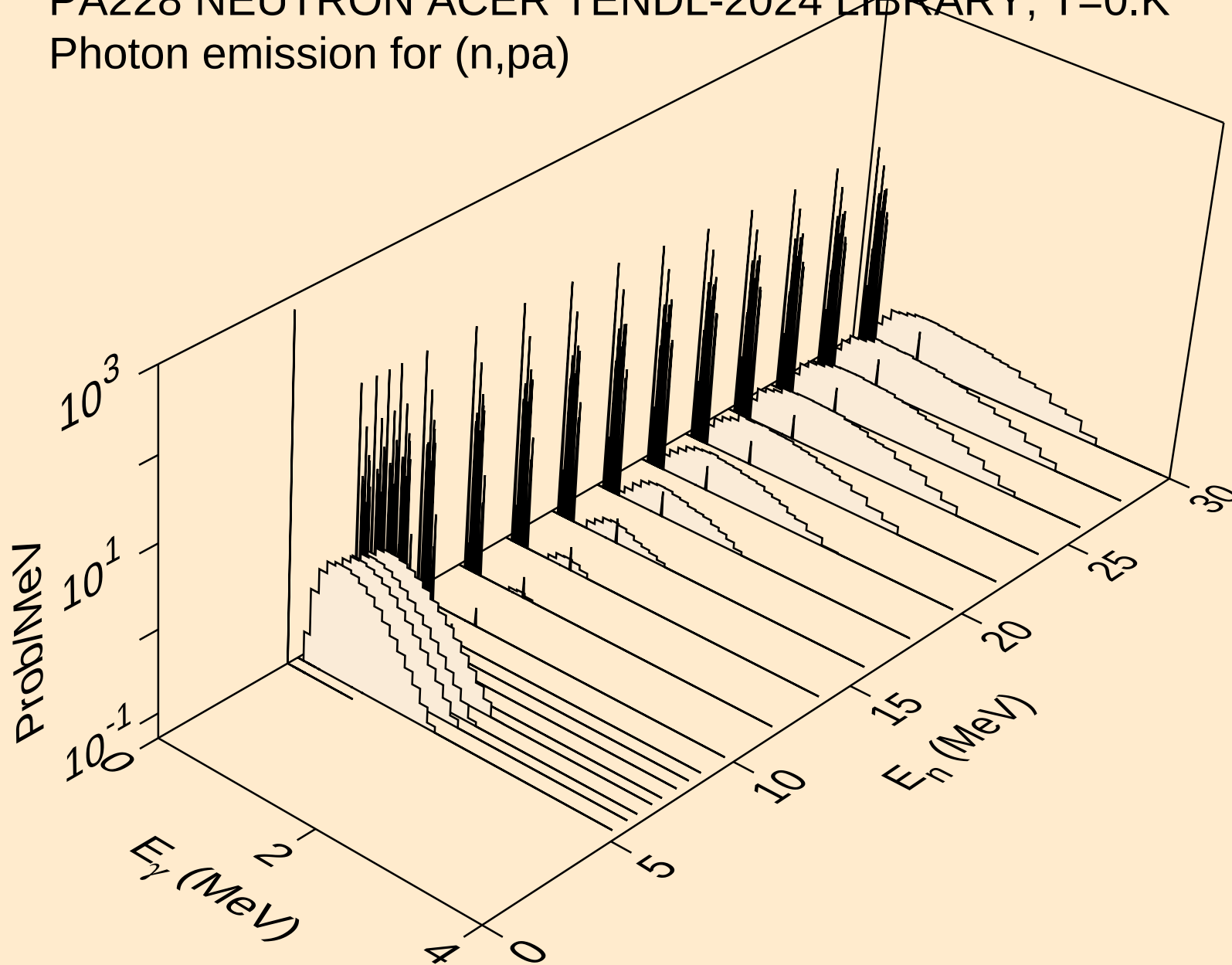
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)

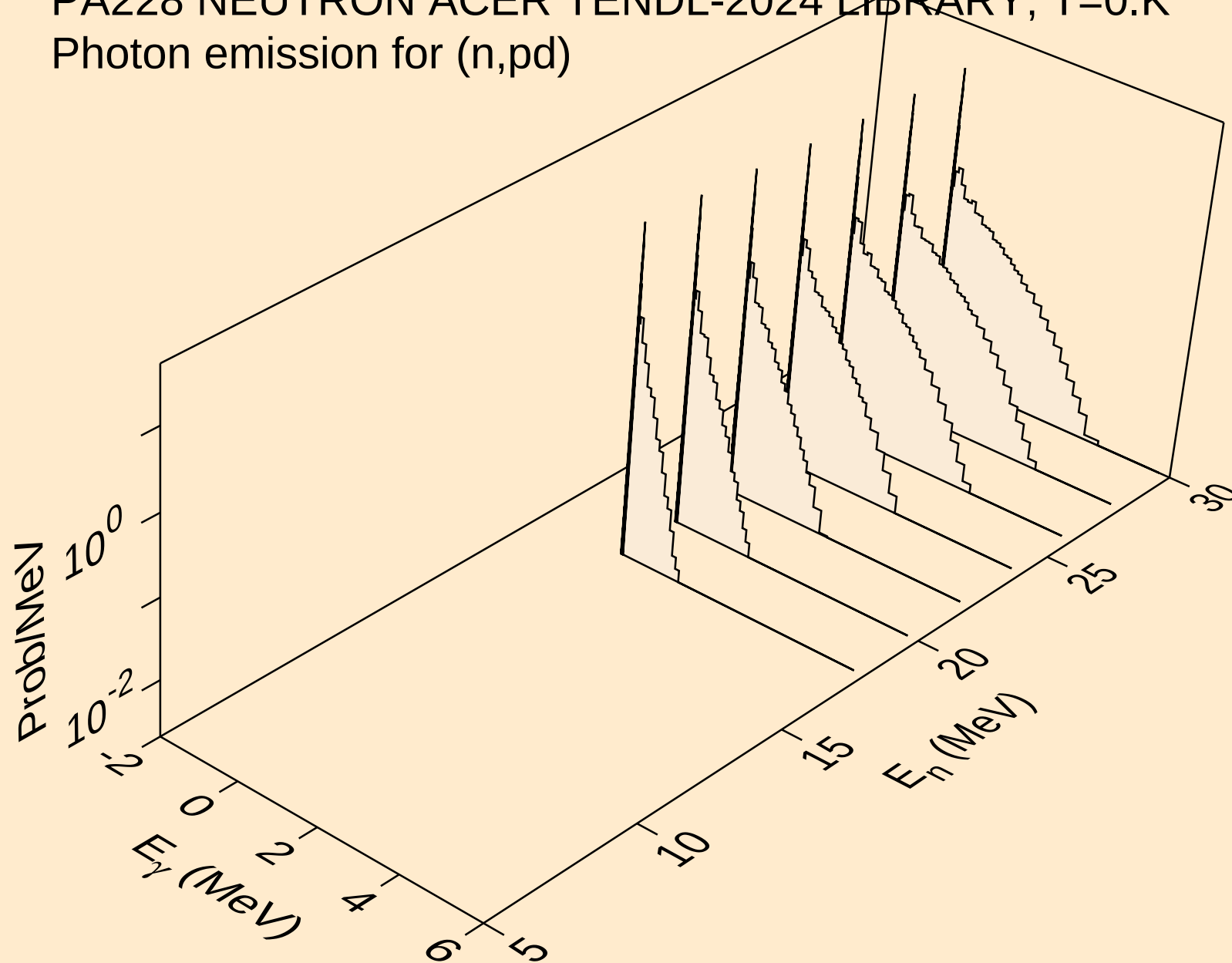


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



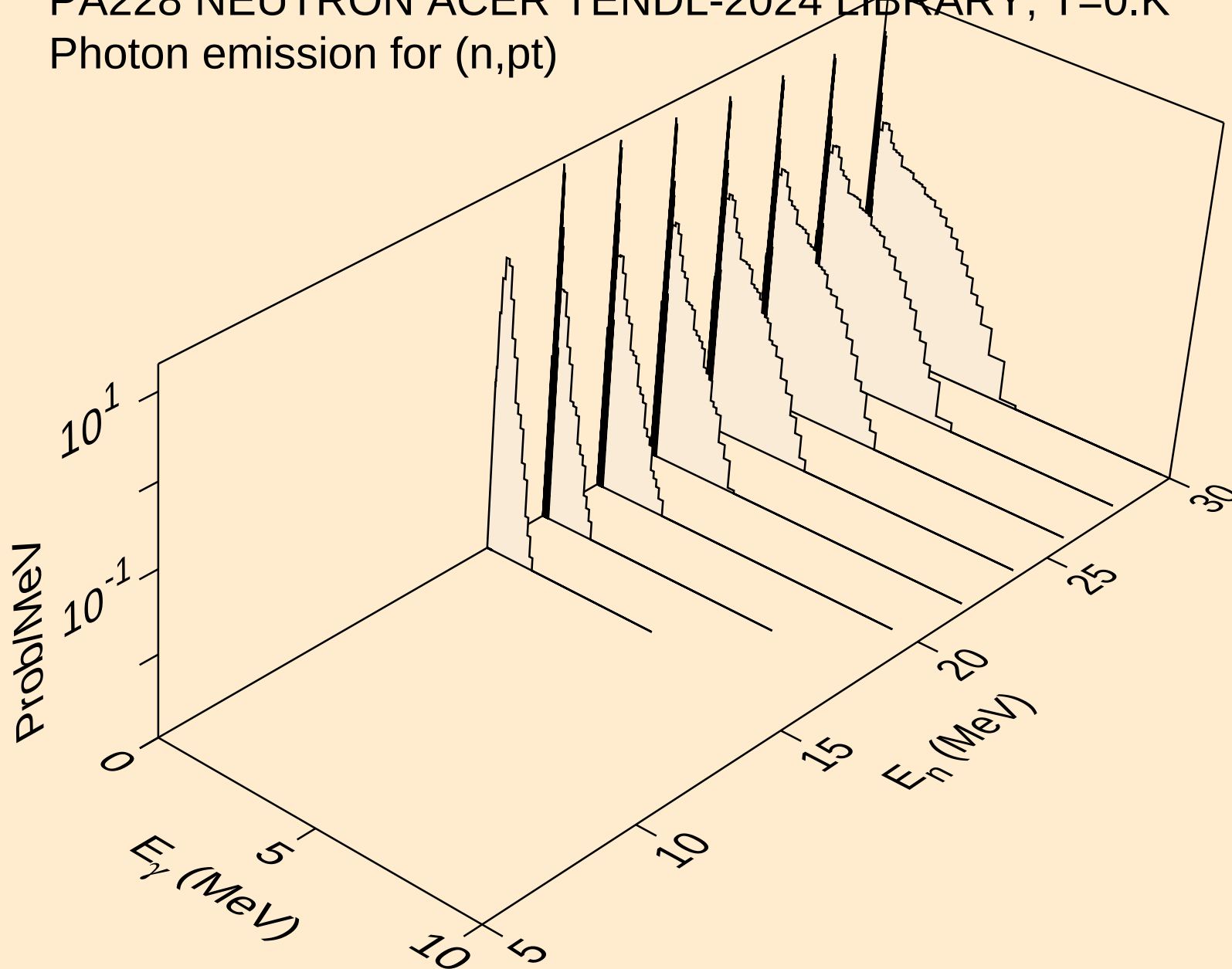
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pd)

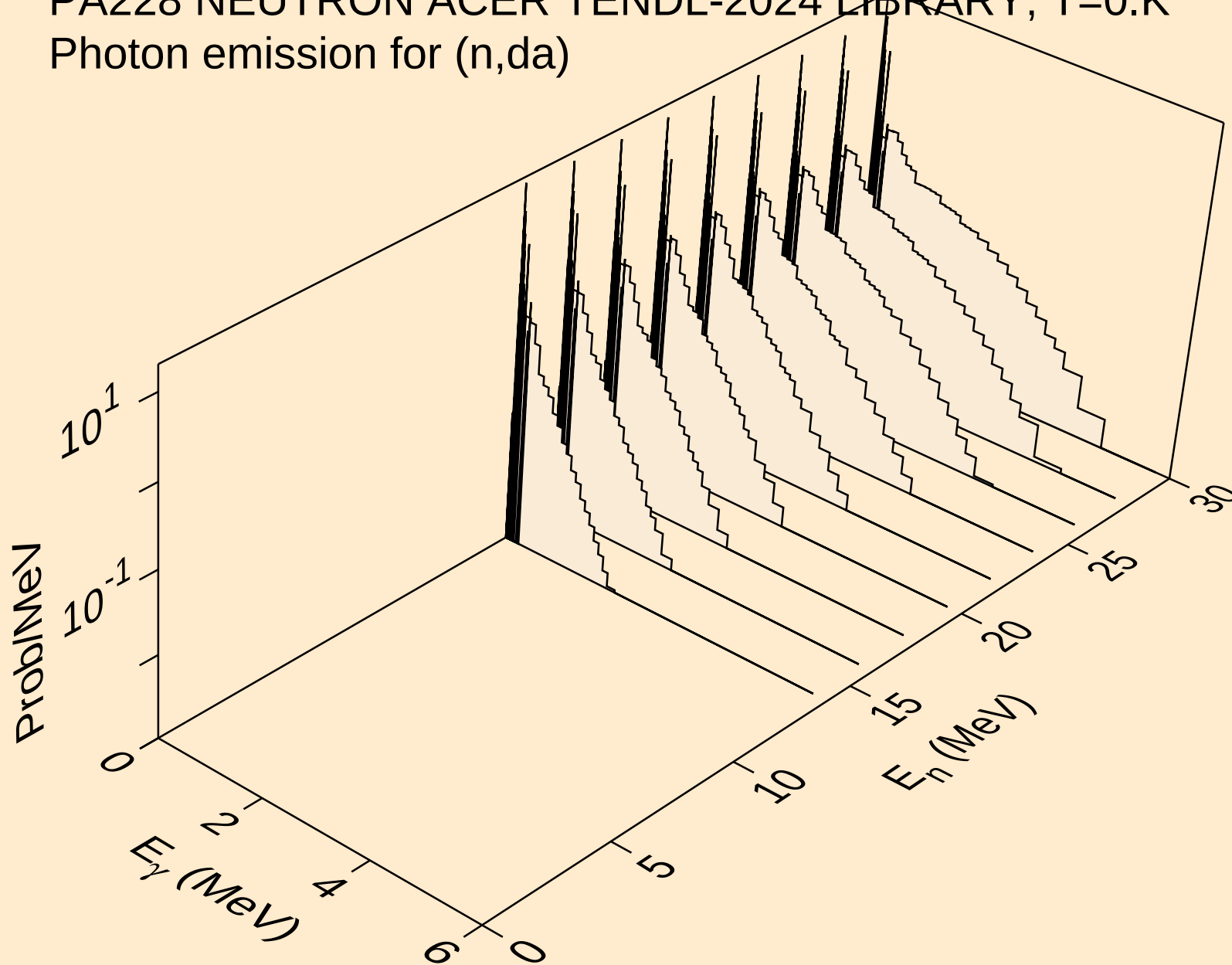


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

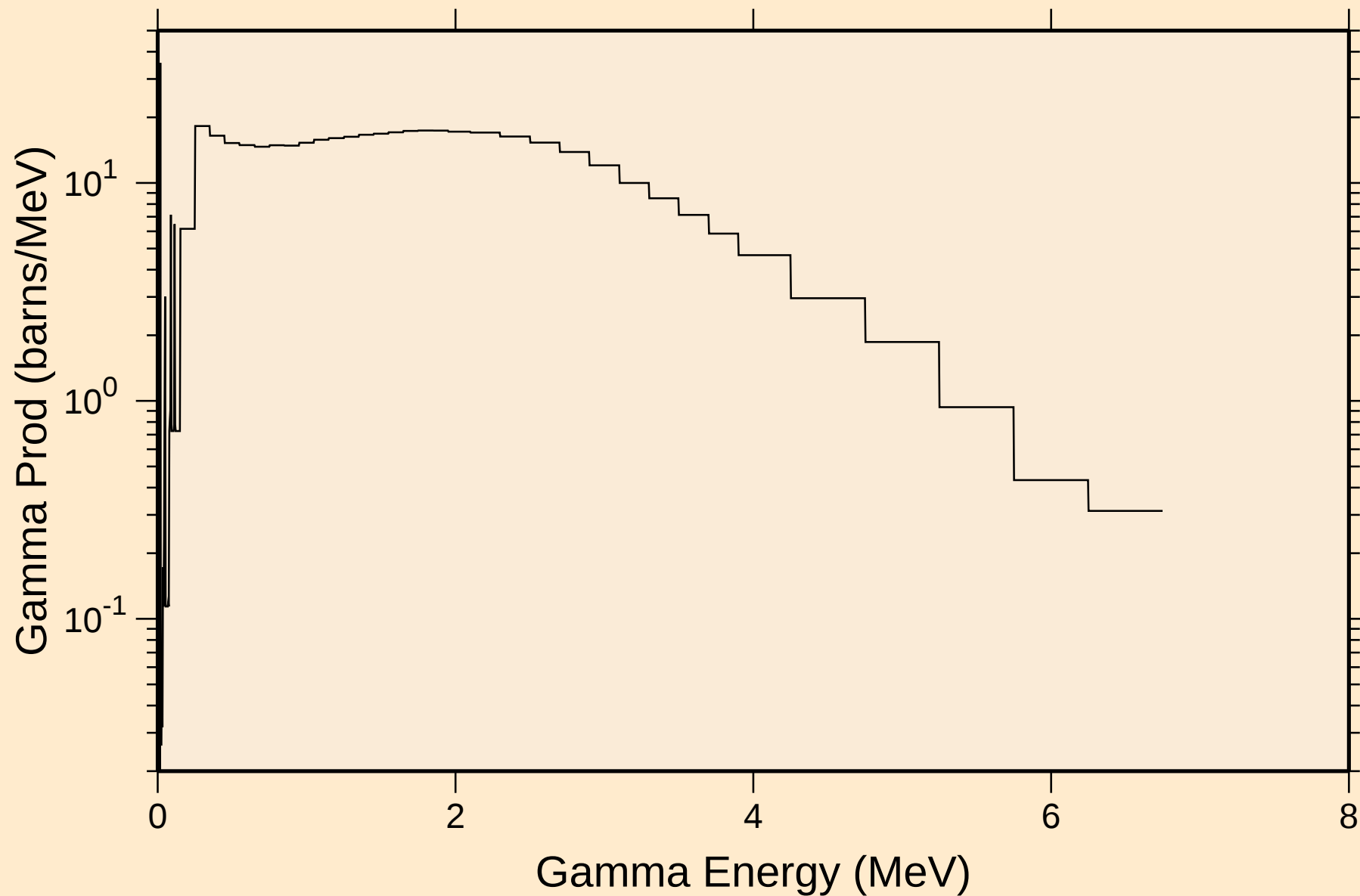
Photon emission for (n,pt)



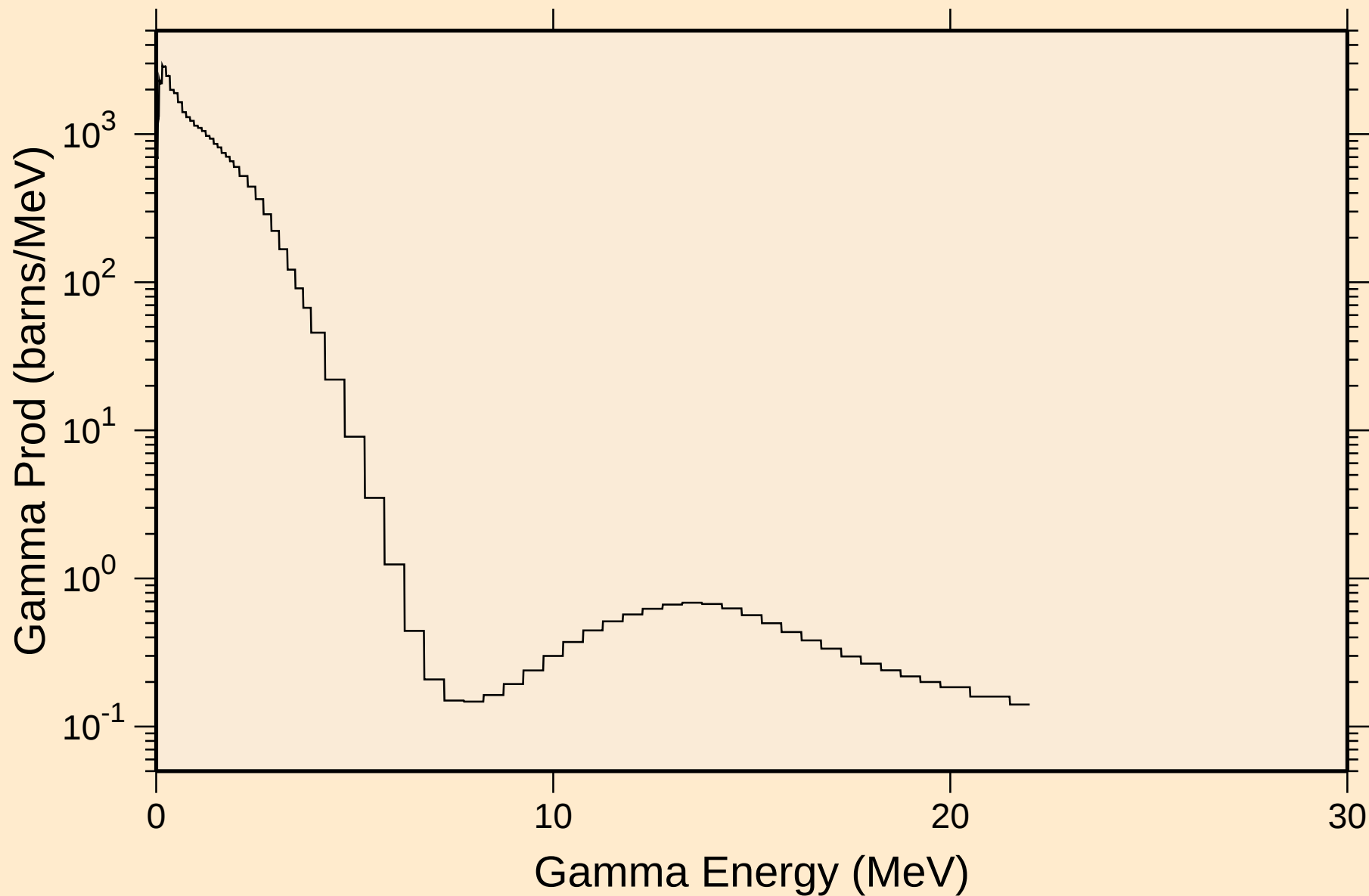
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

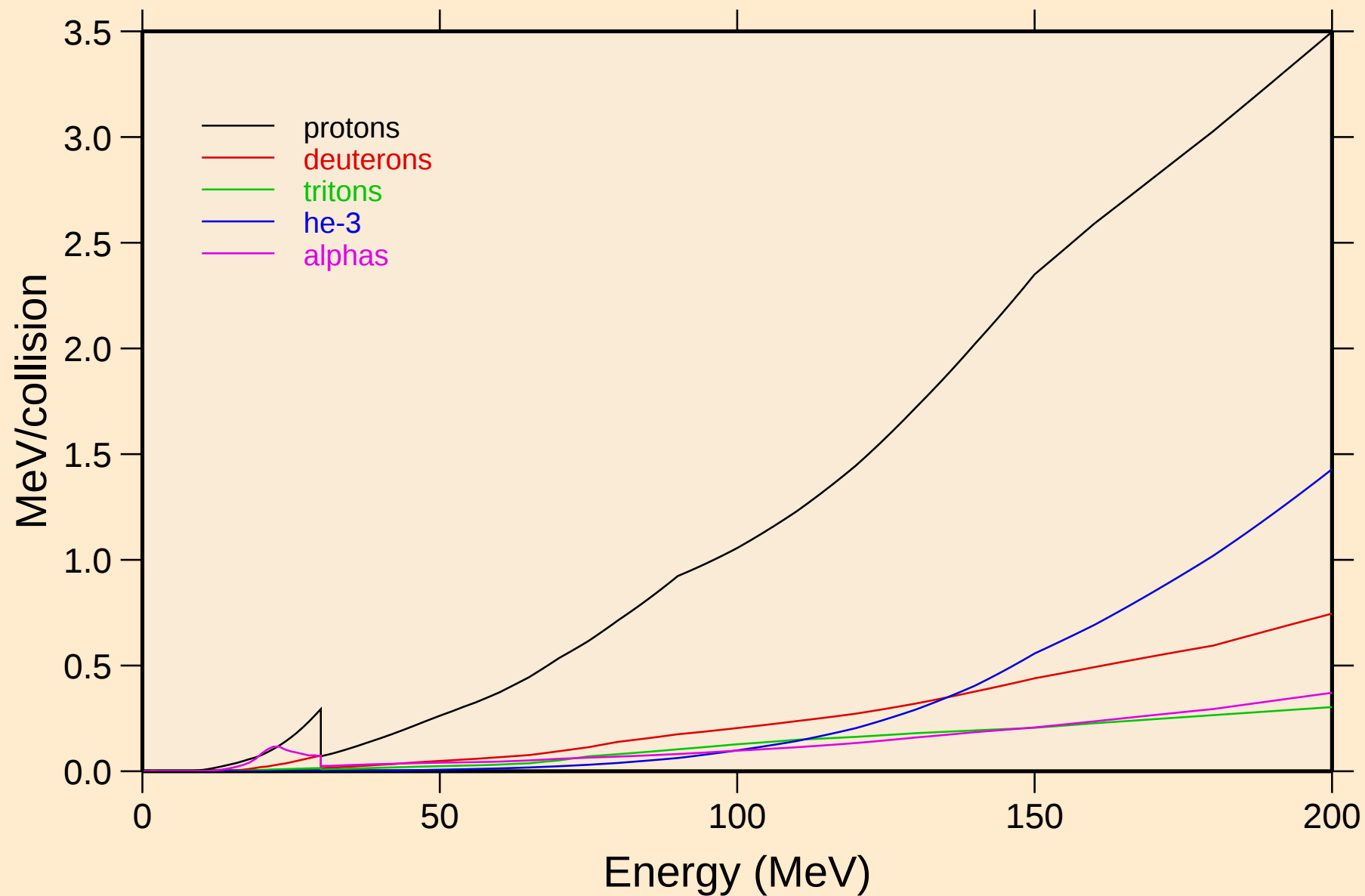


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum



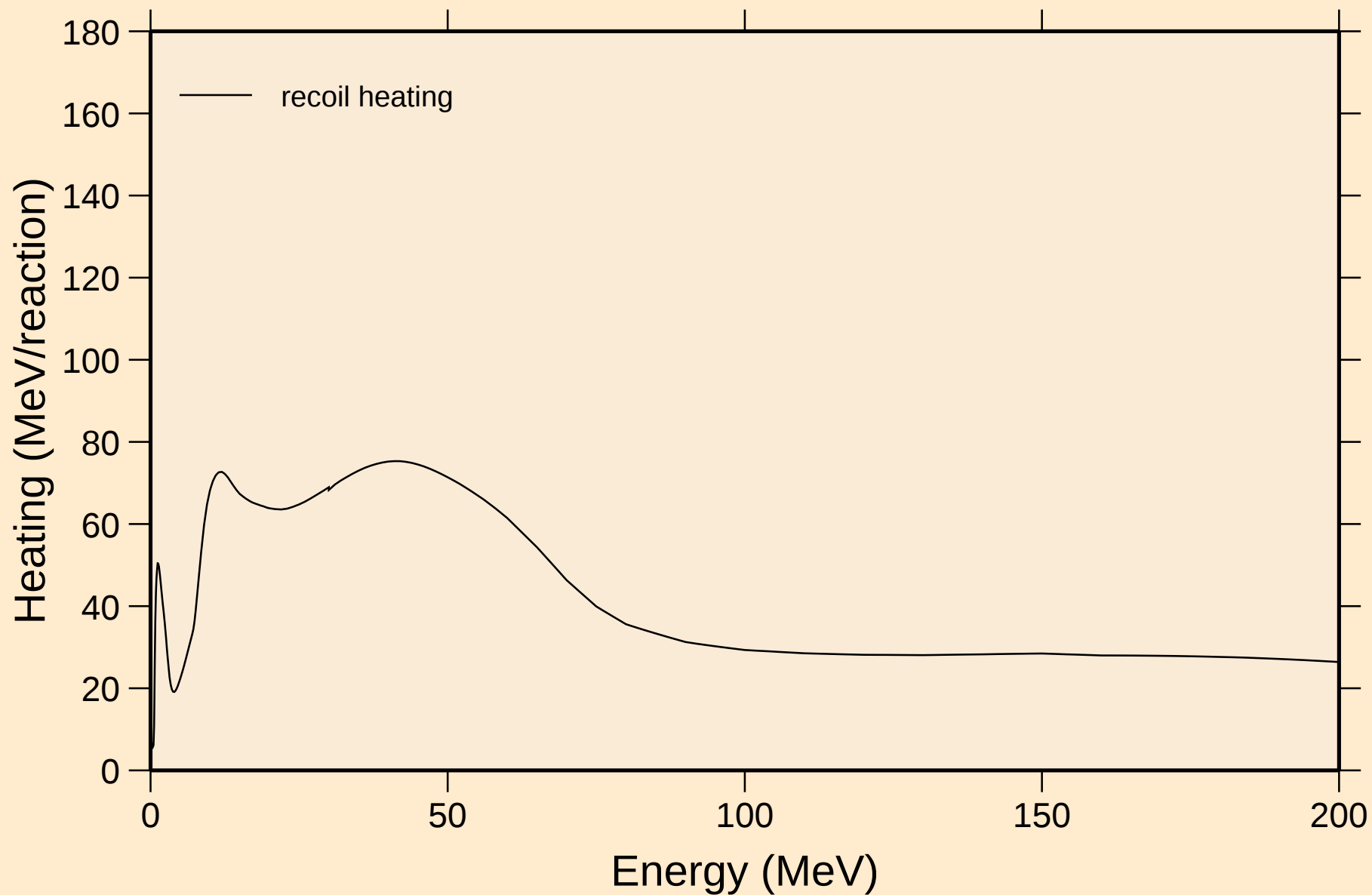
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



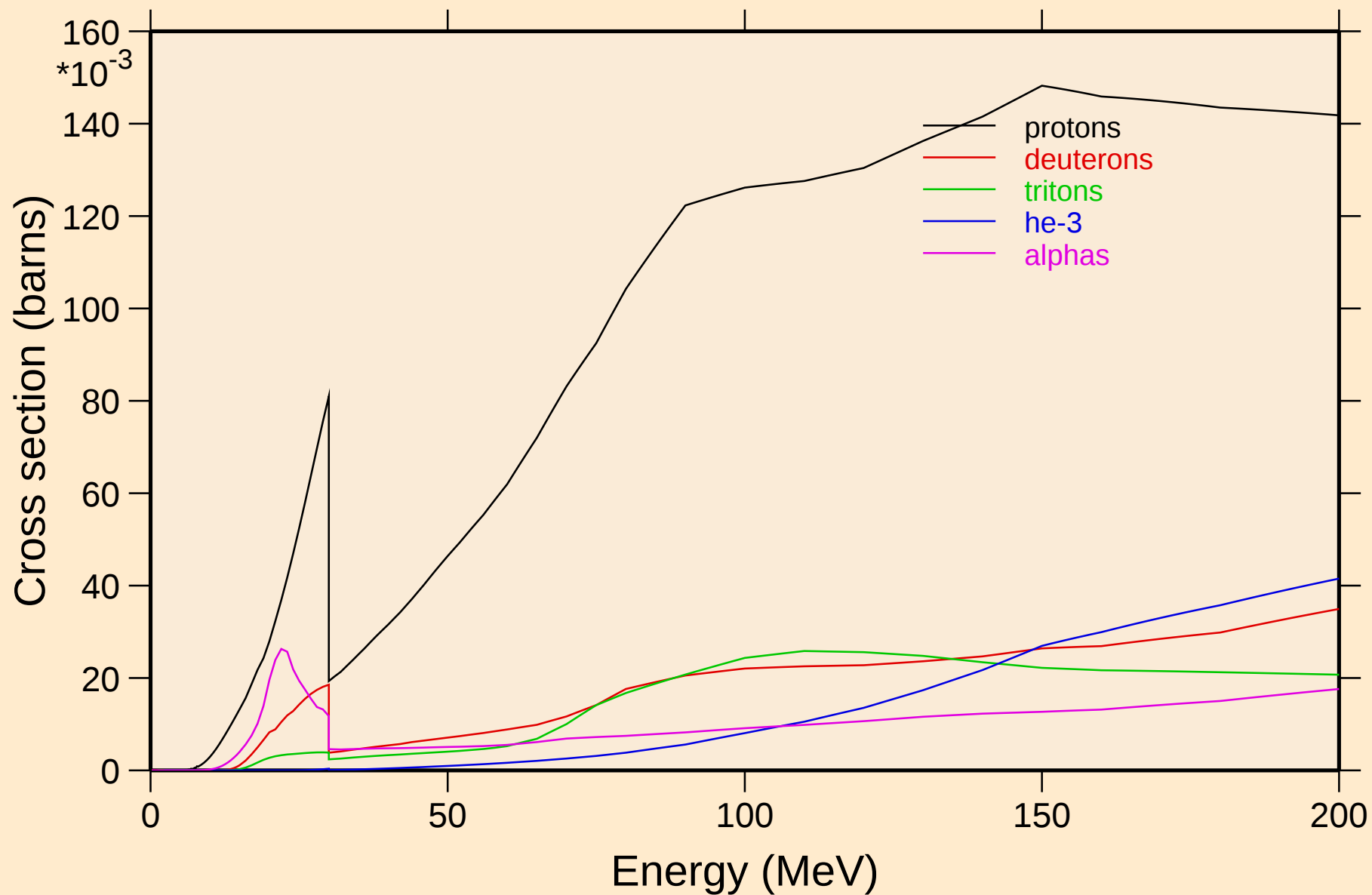
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

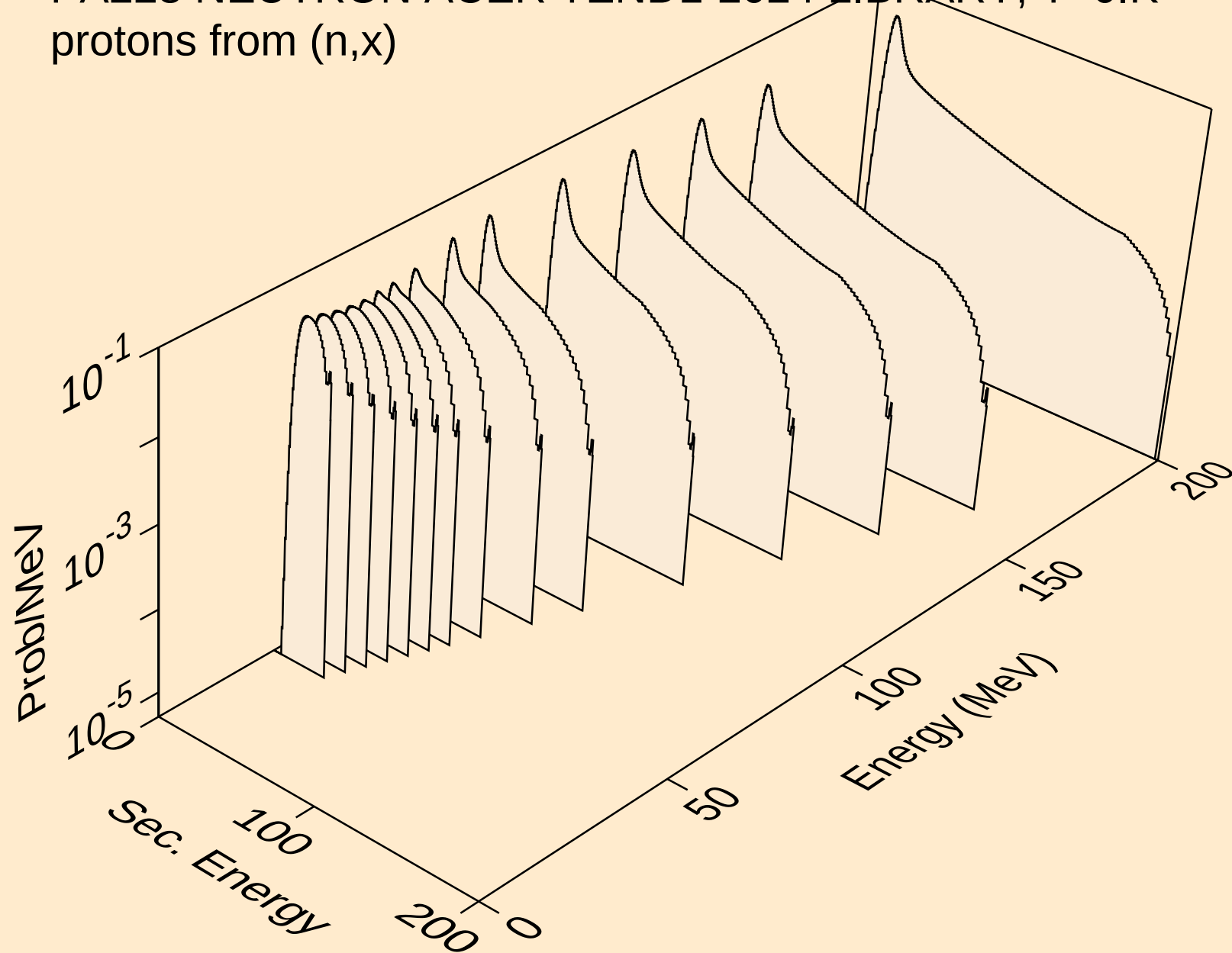


PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

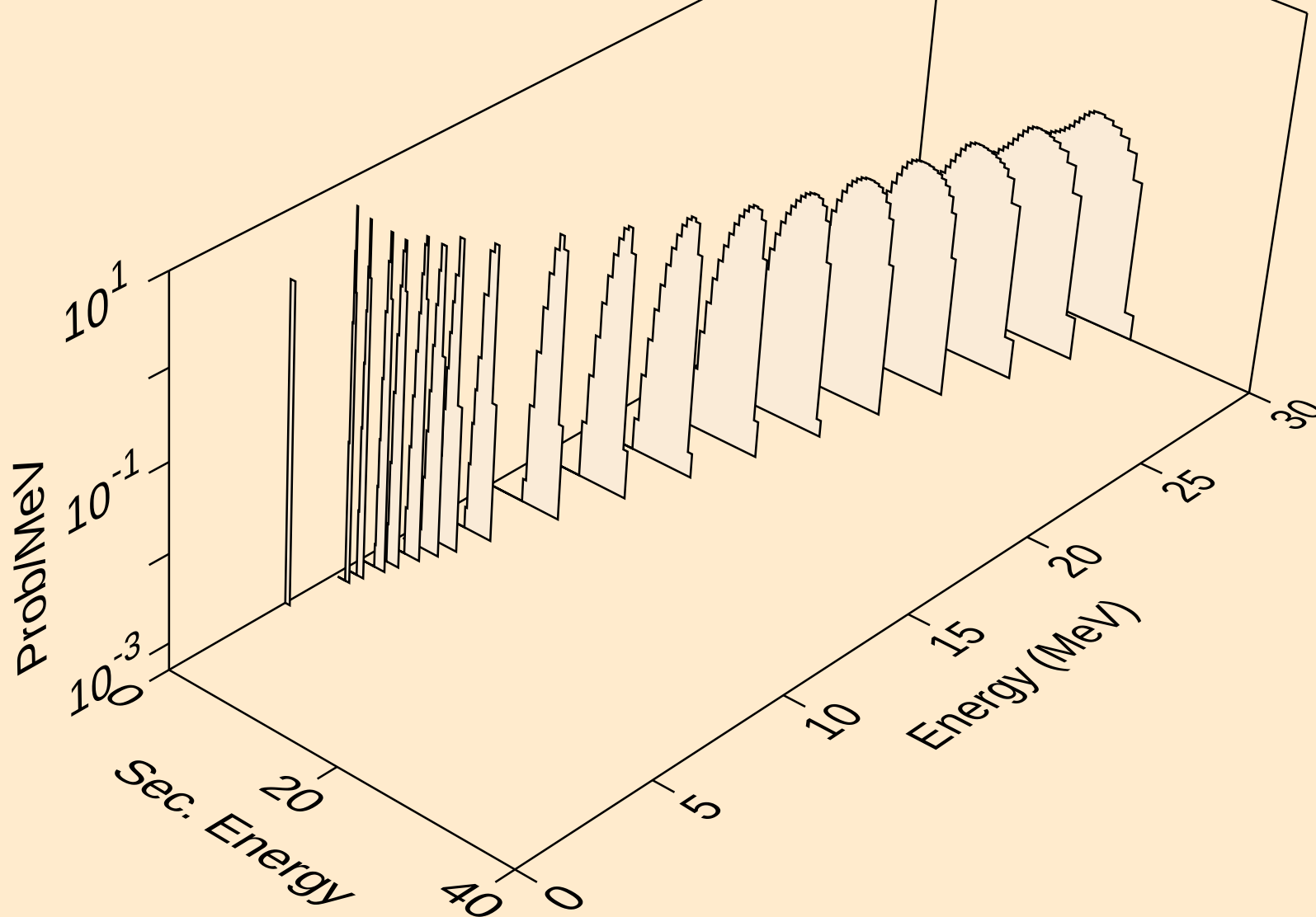
Particle production cross sections



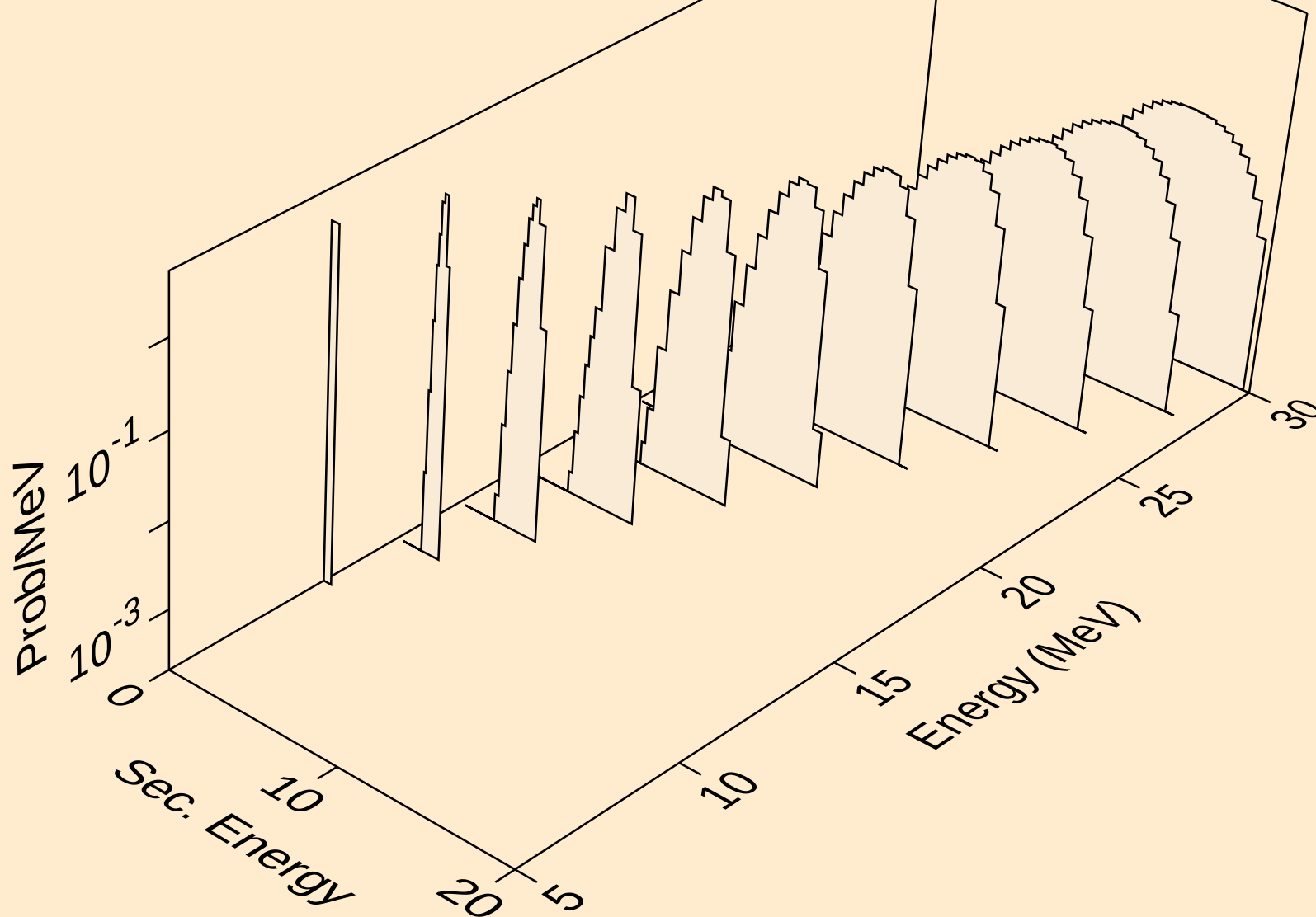
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



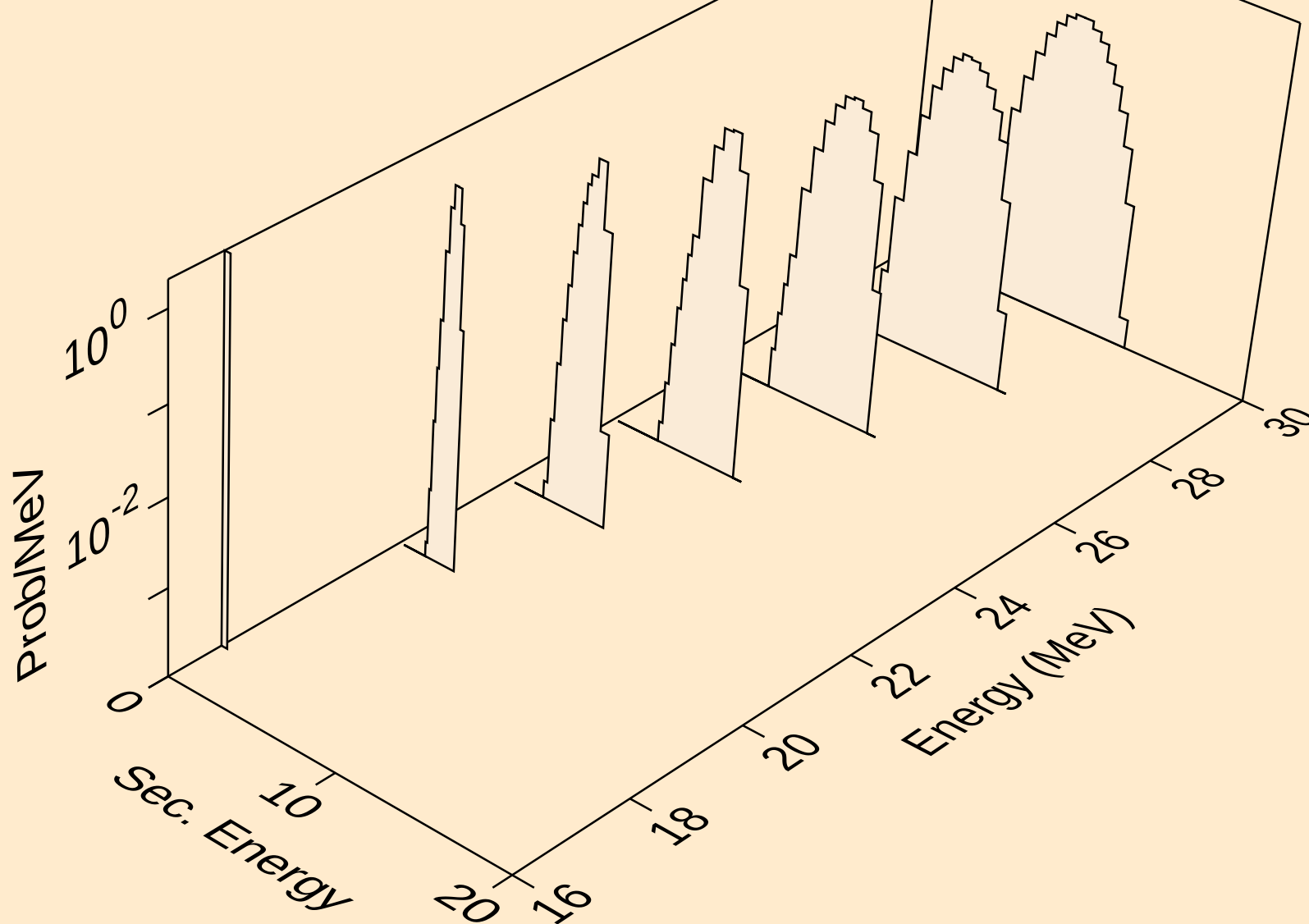
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



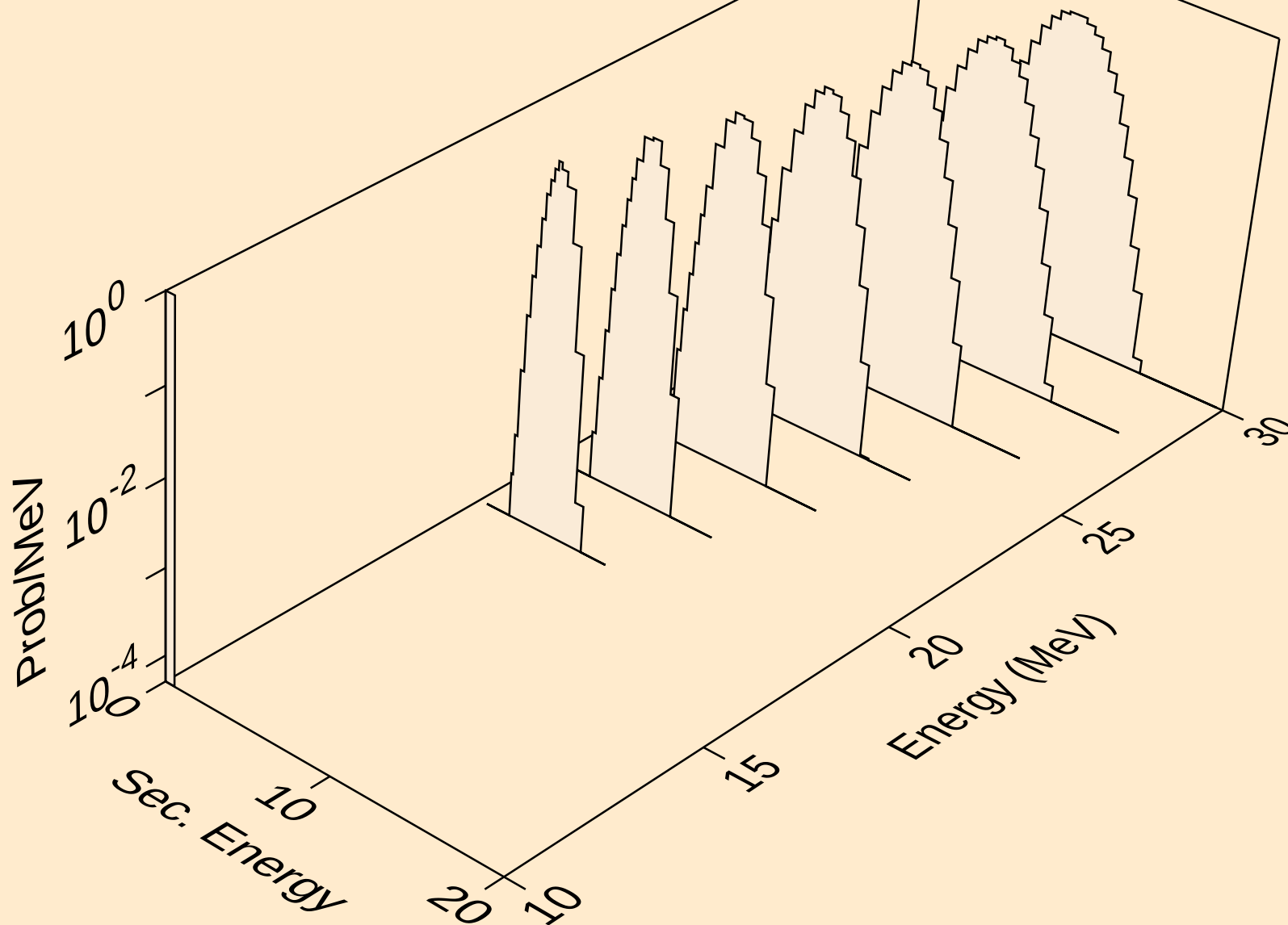
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



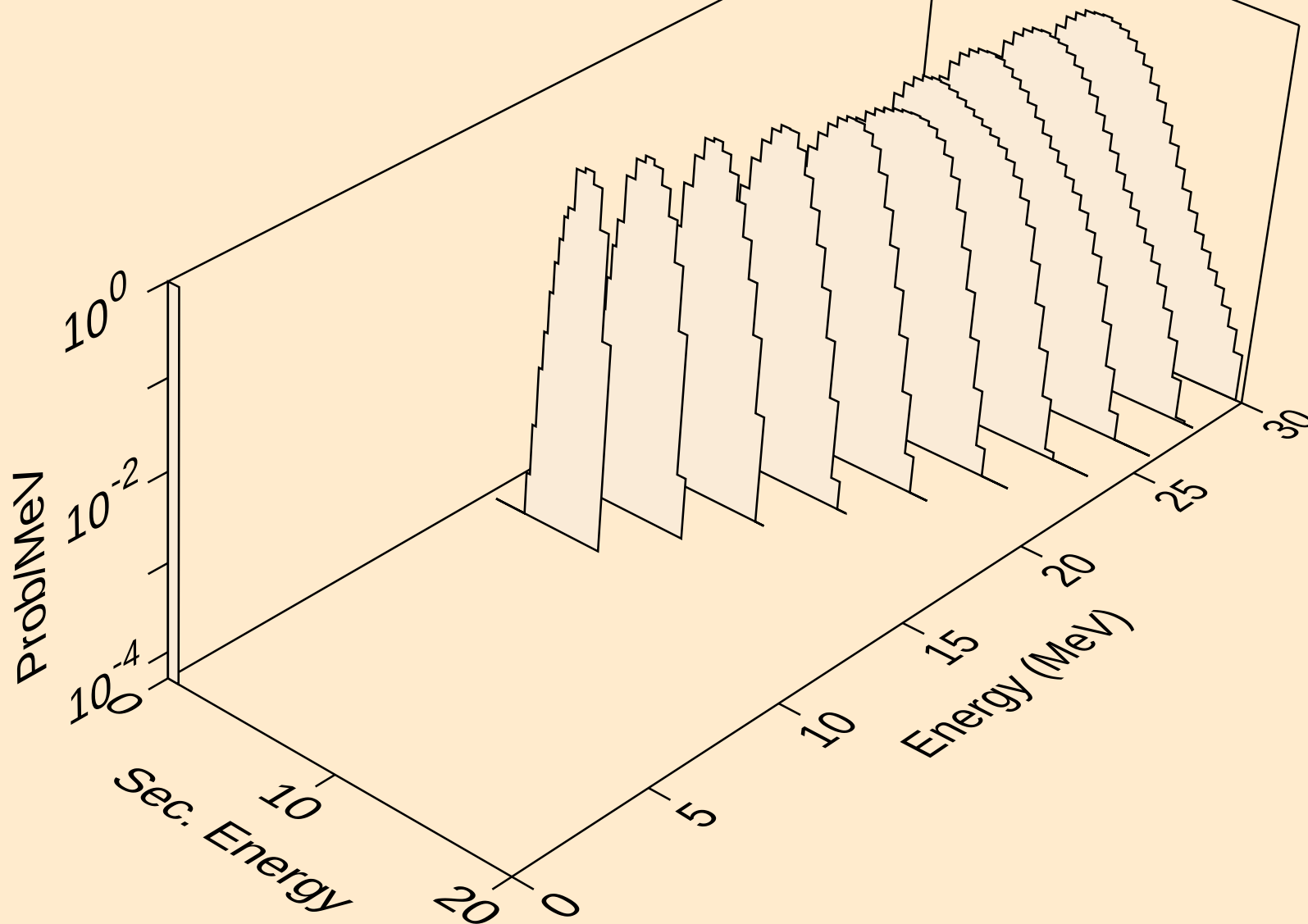
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



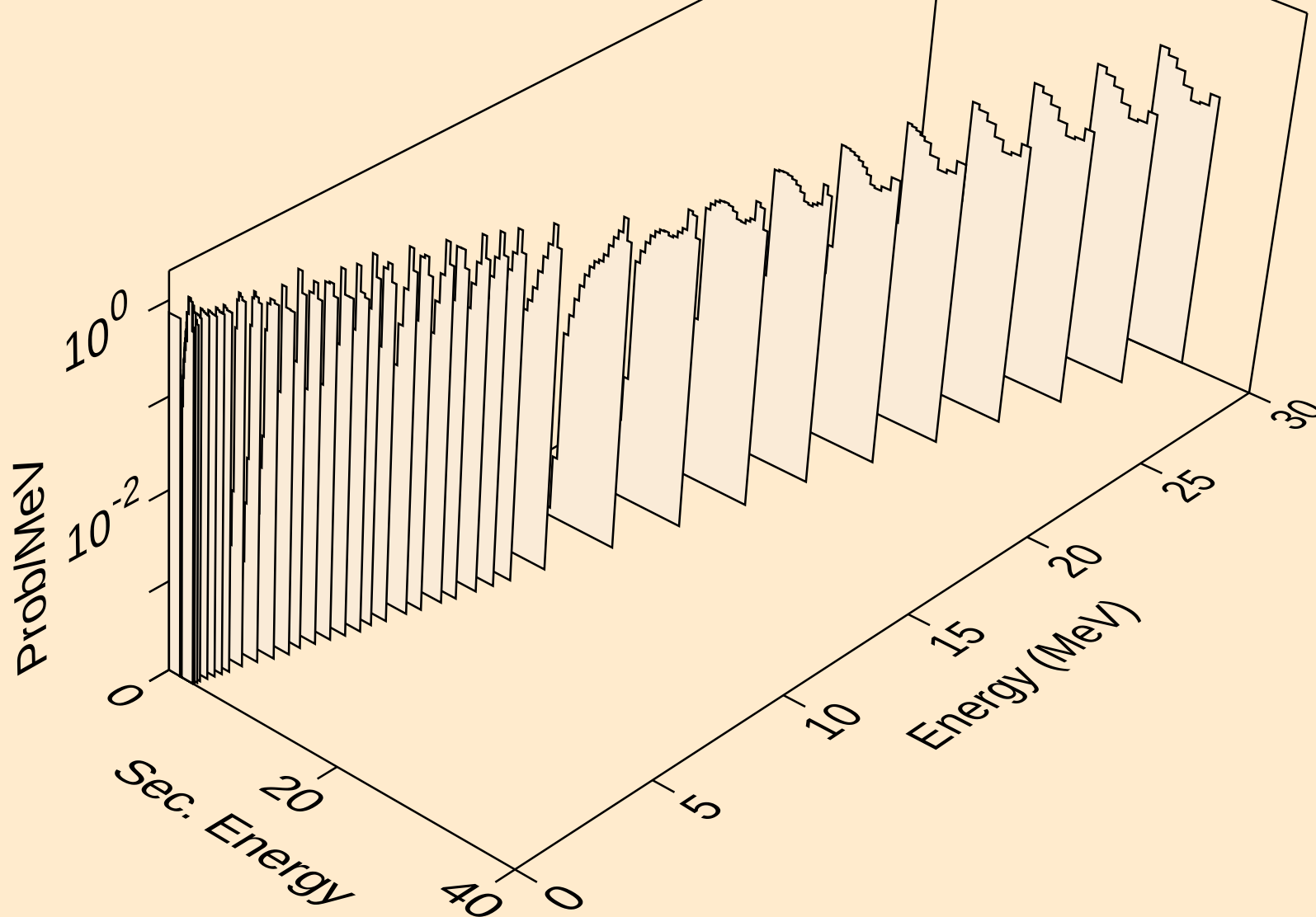
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



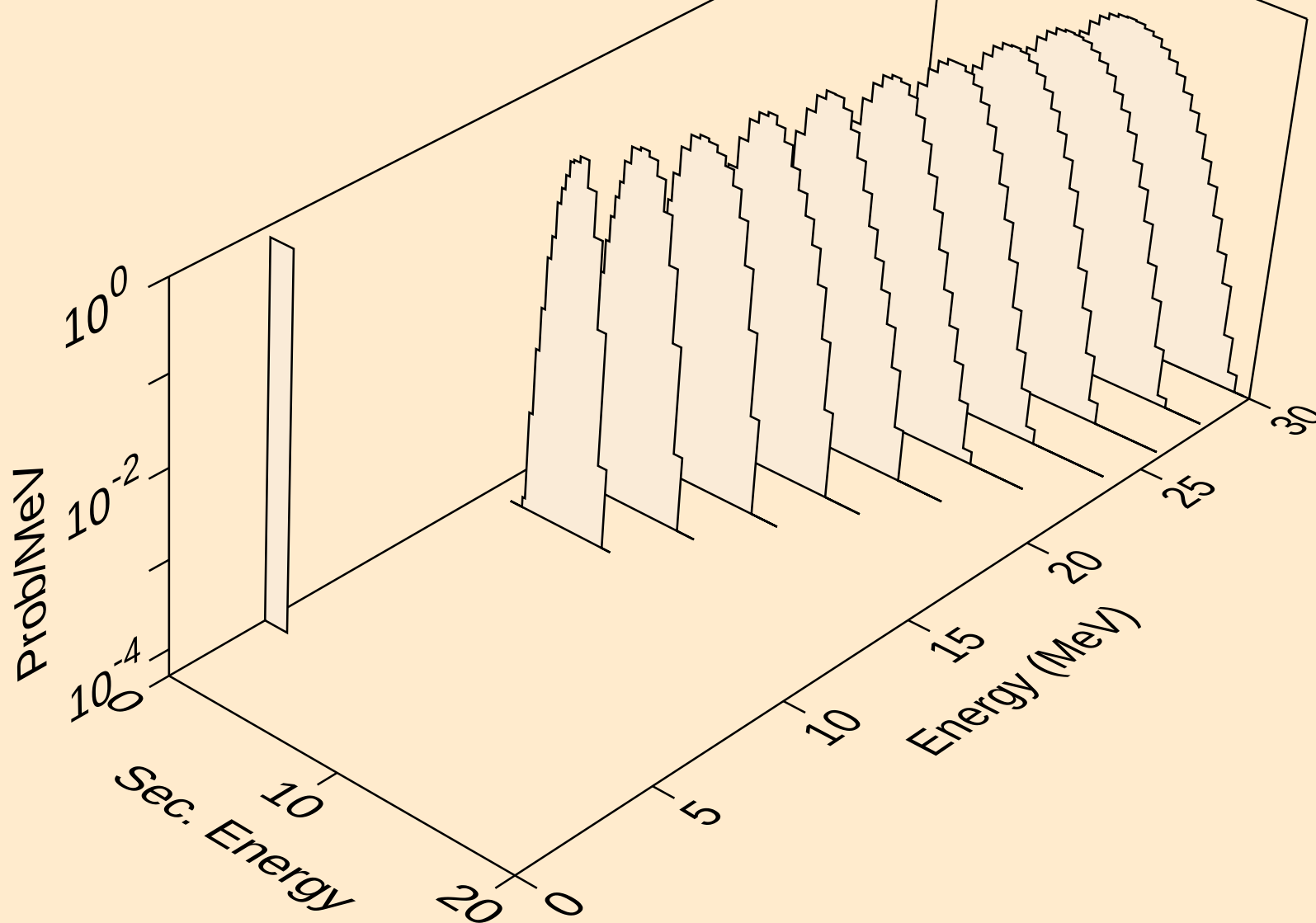
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



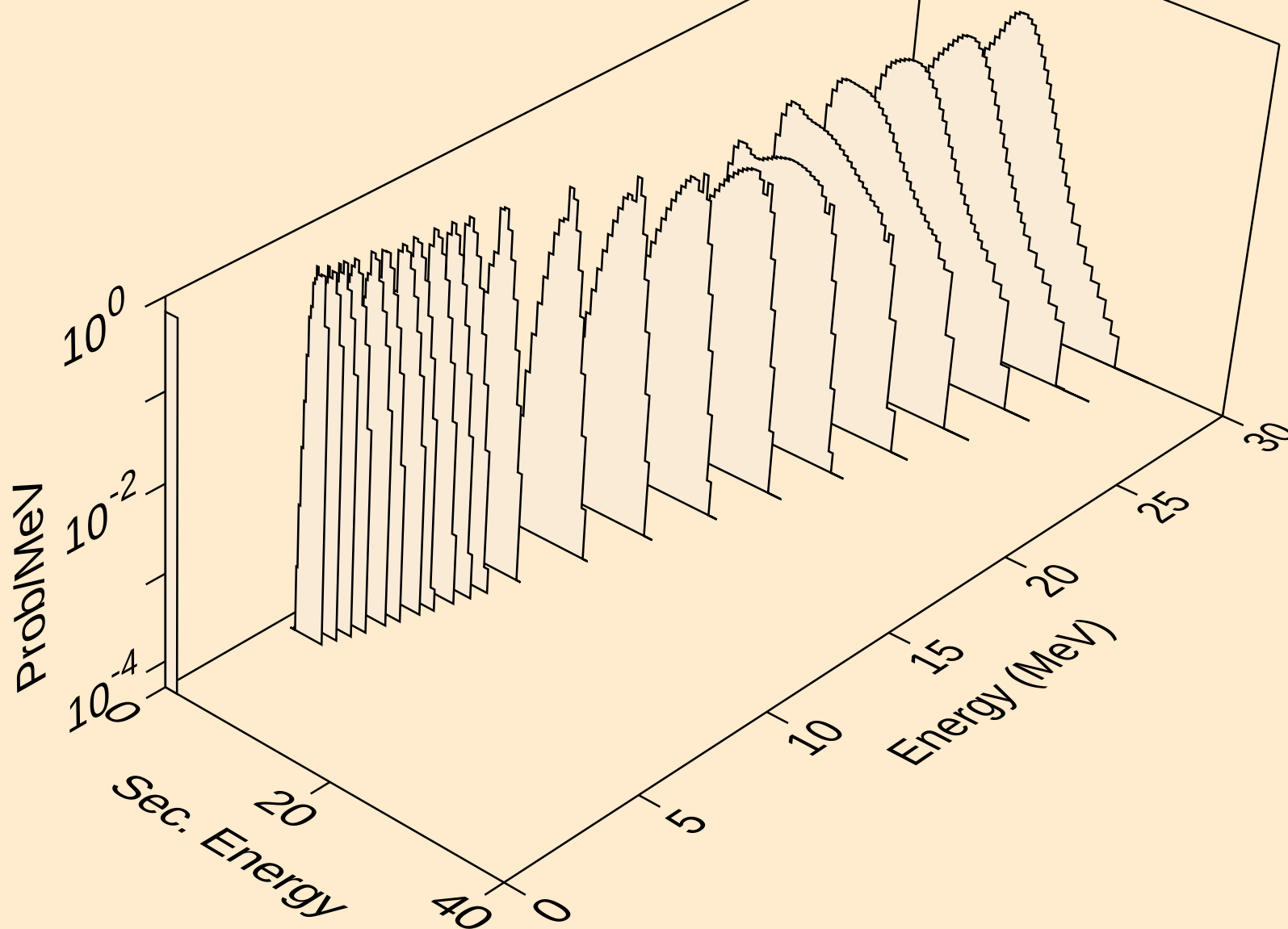
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



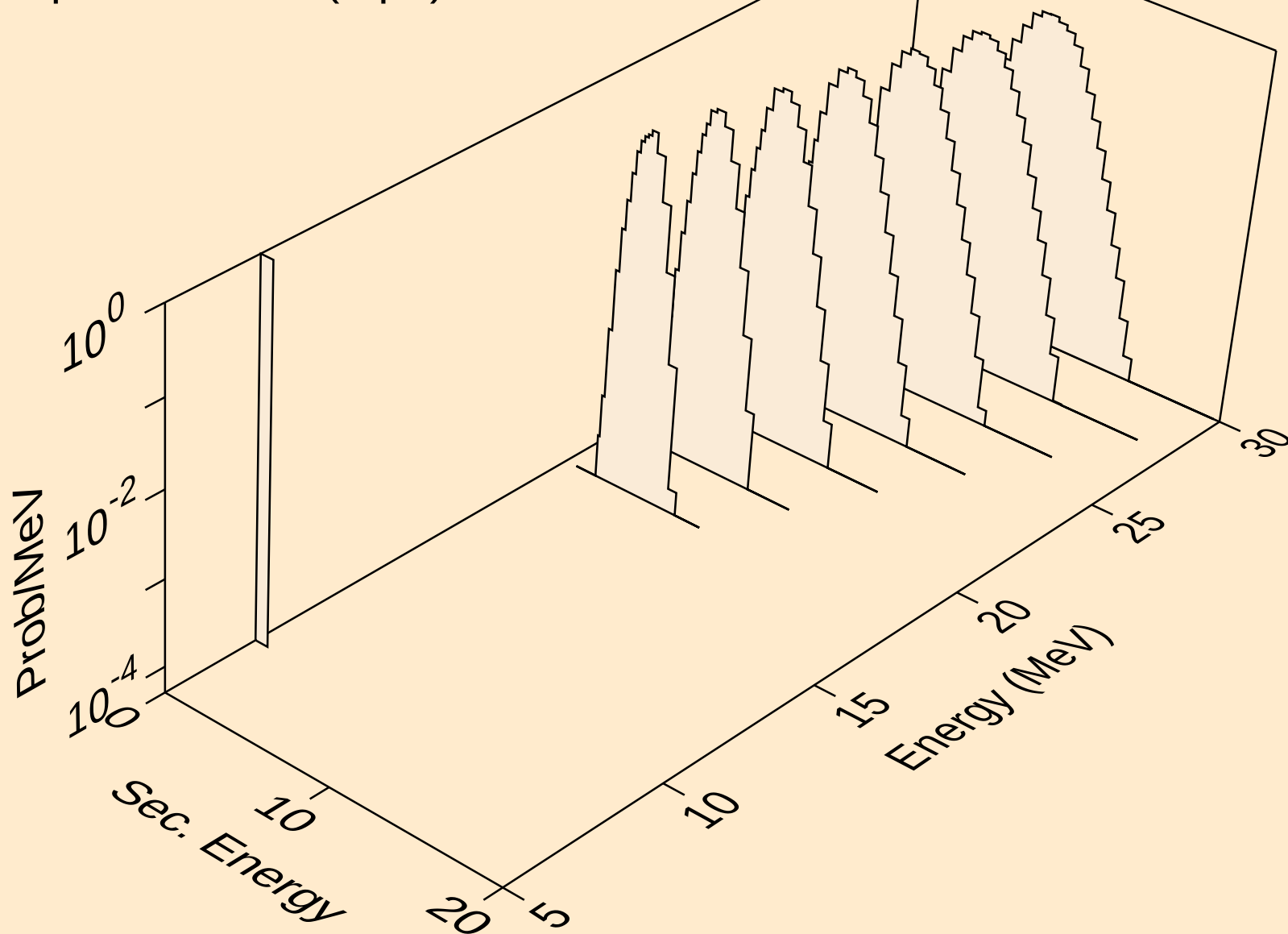
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



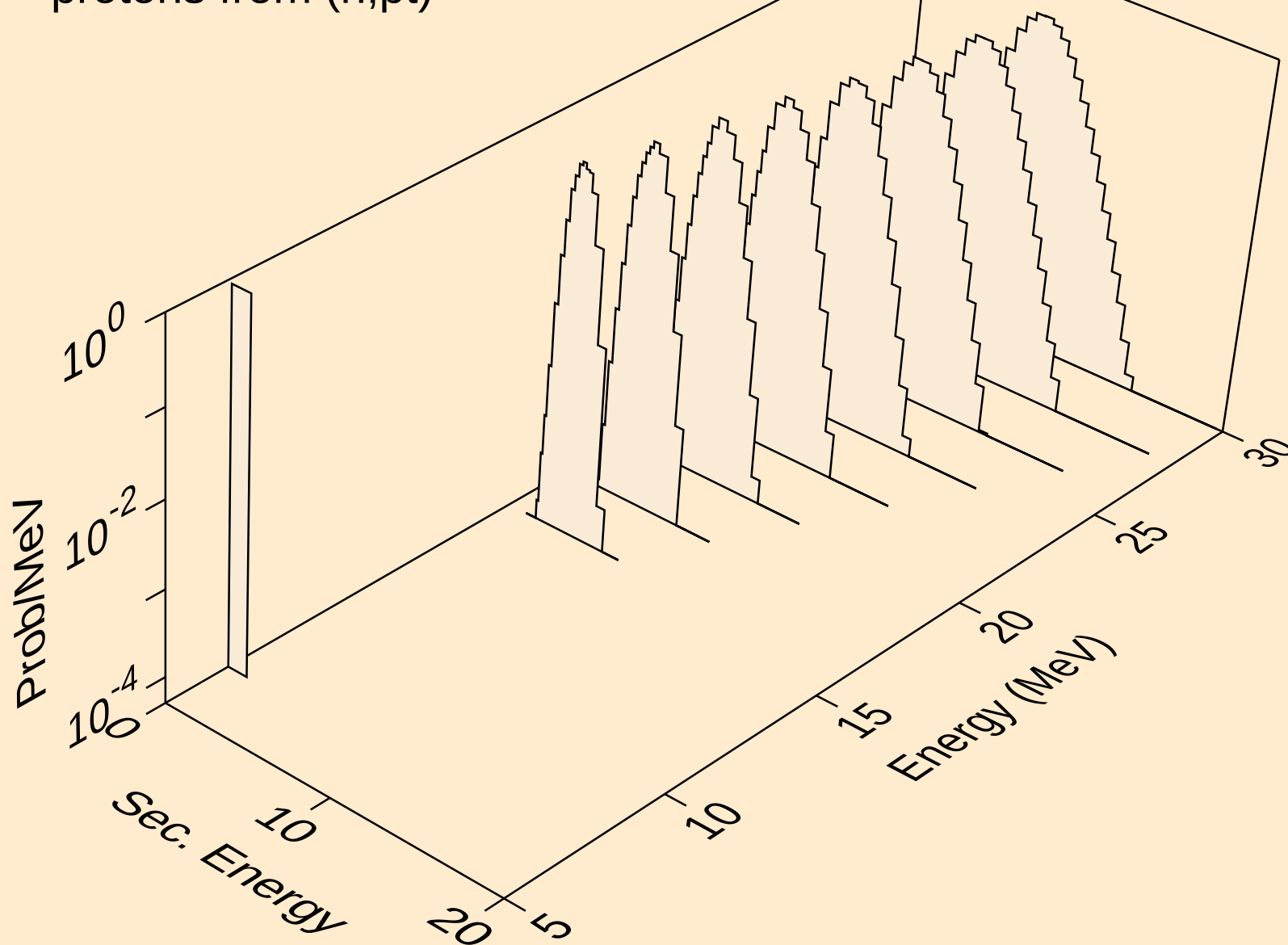
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



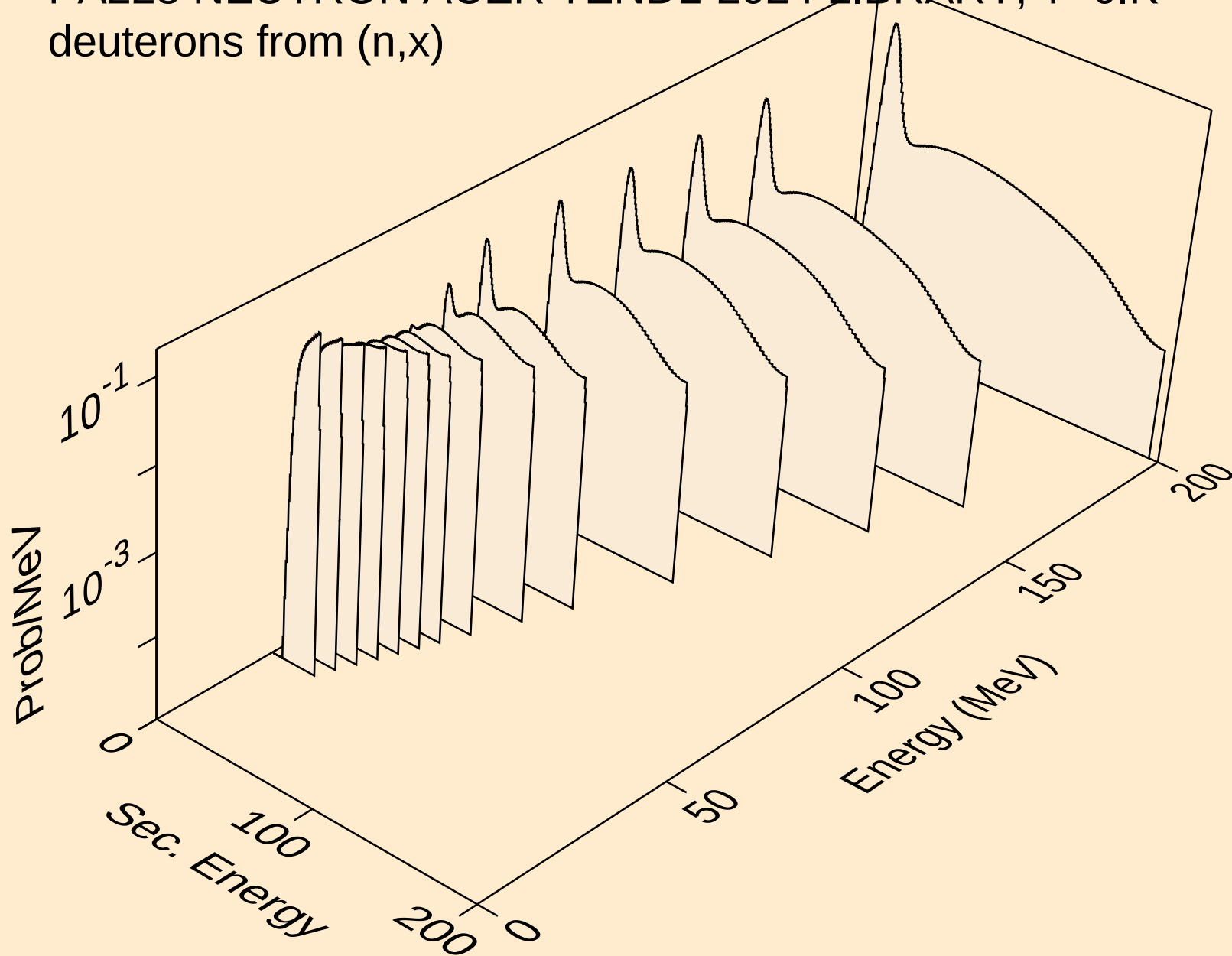
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



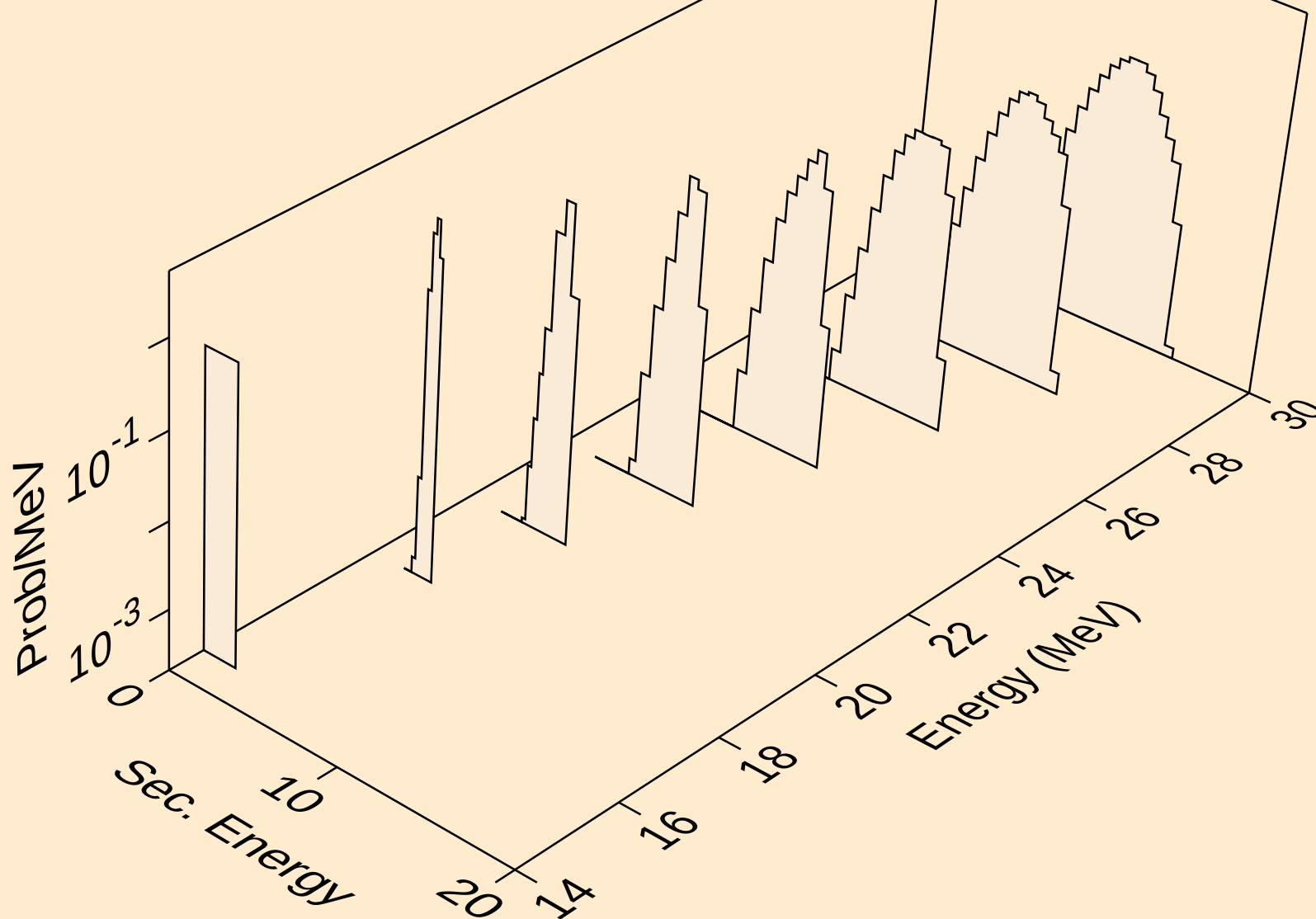
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



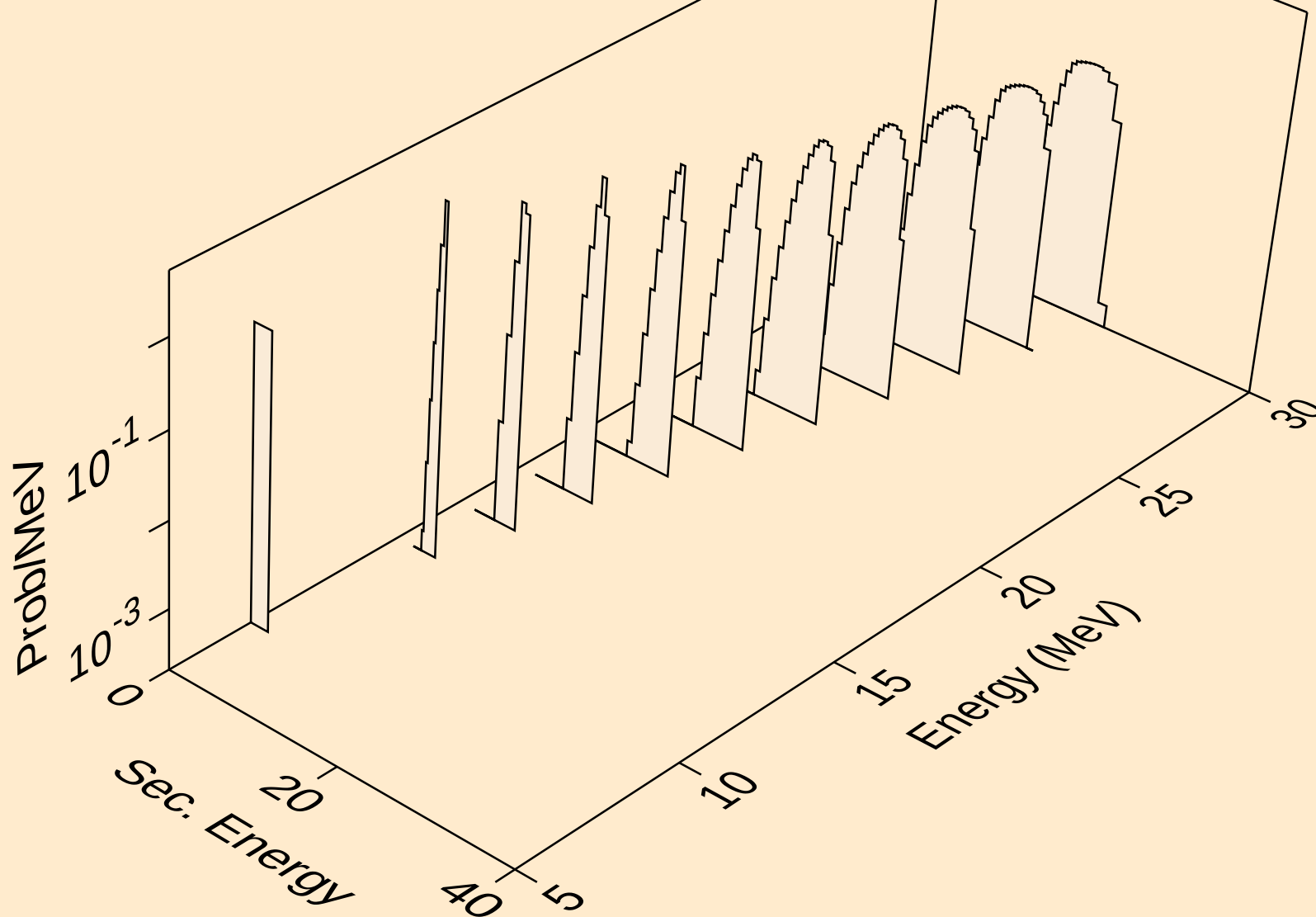
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



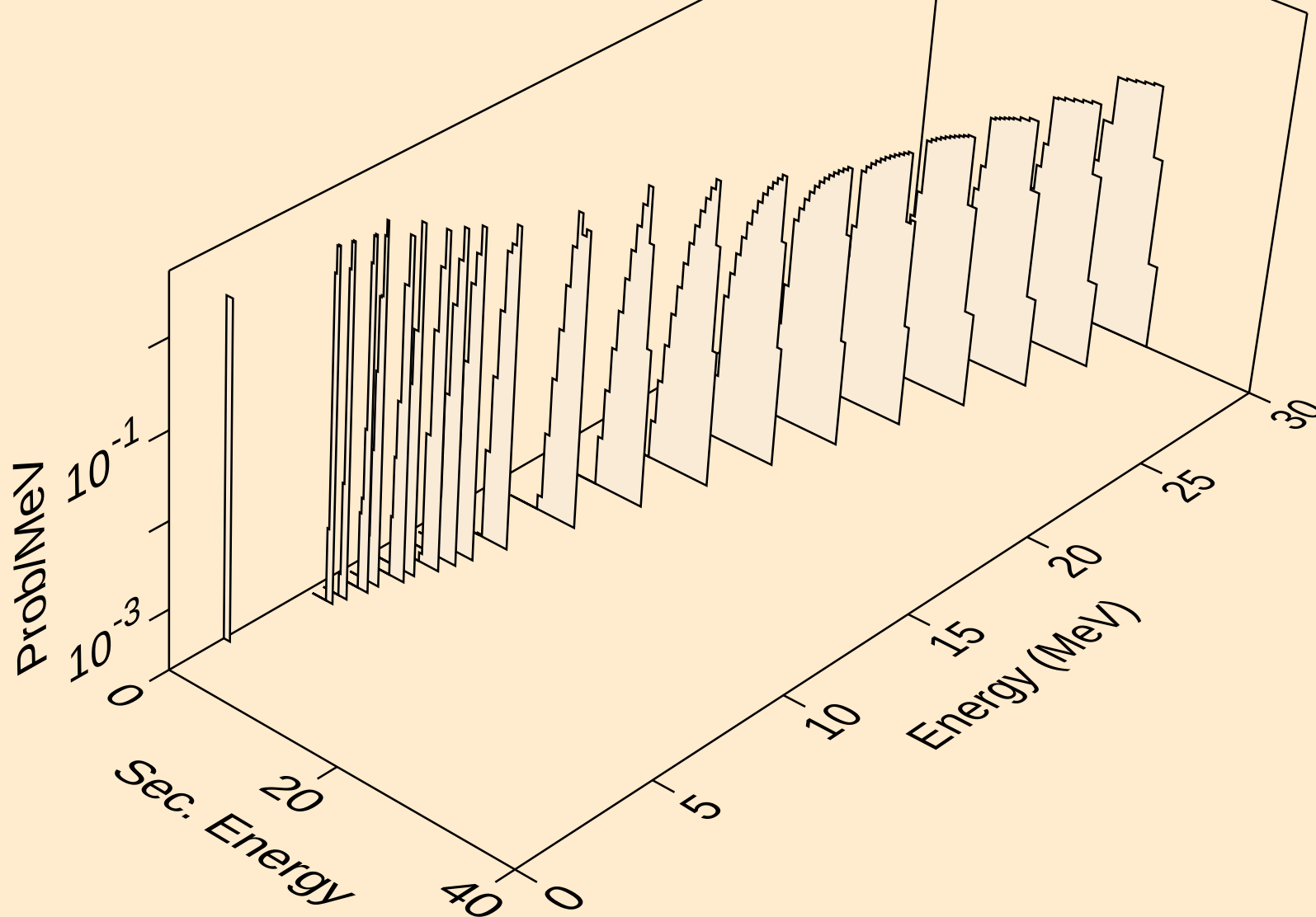
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



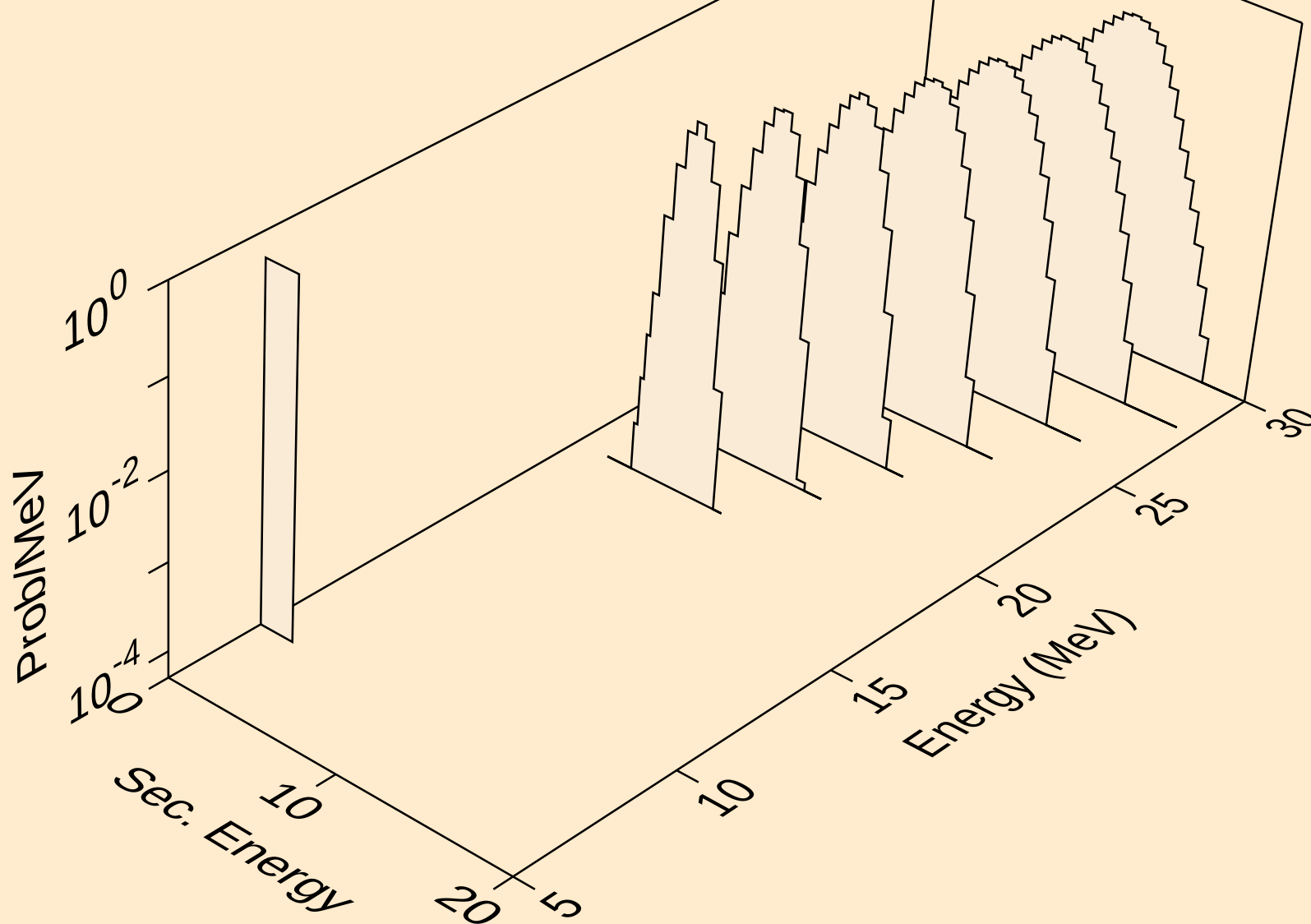
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



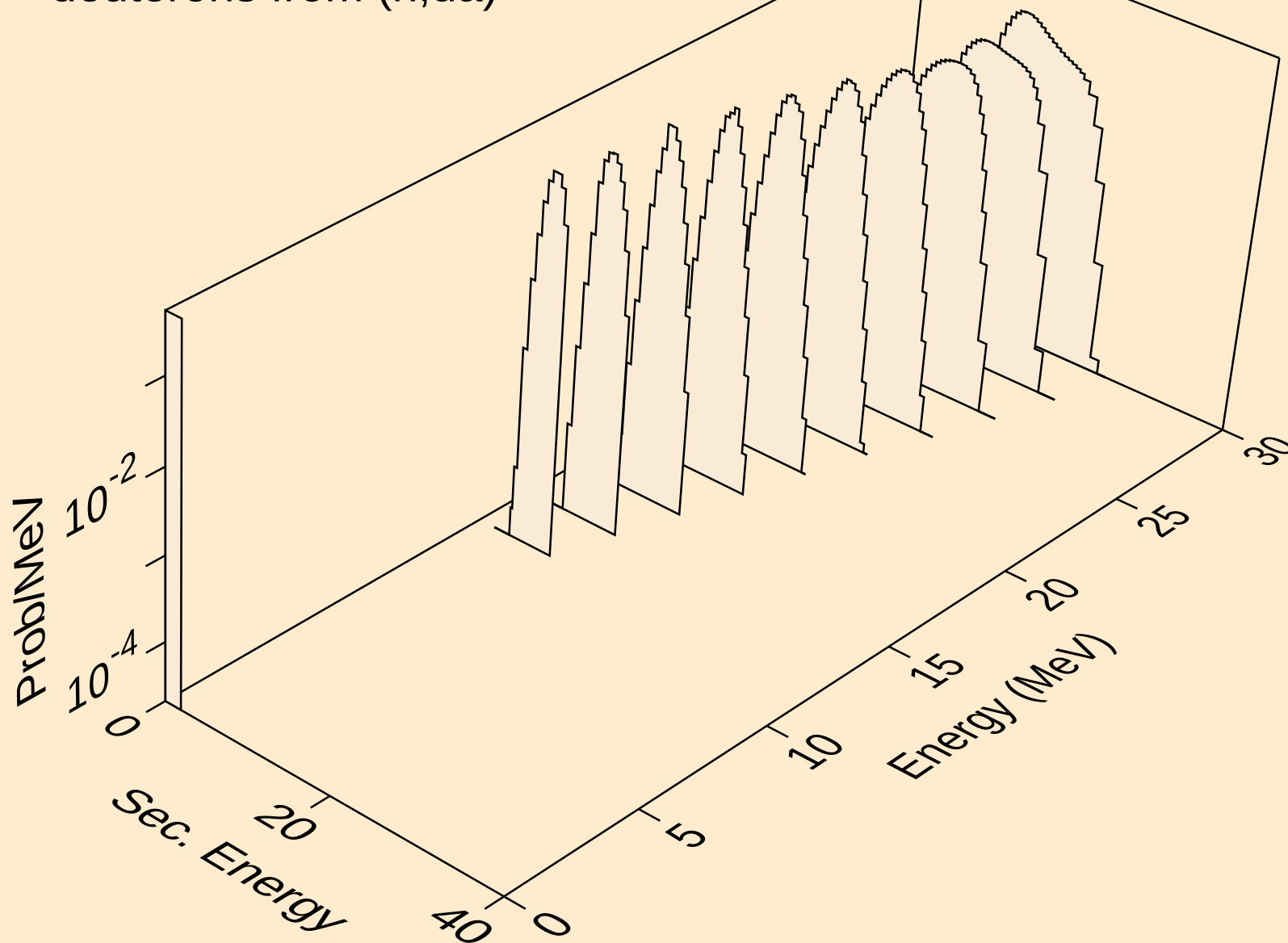
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deuterons from (n,d)



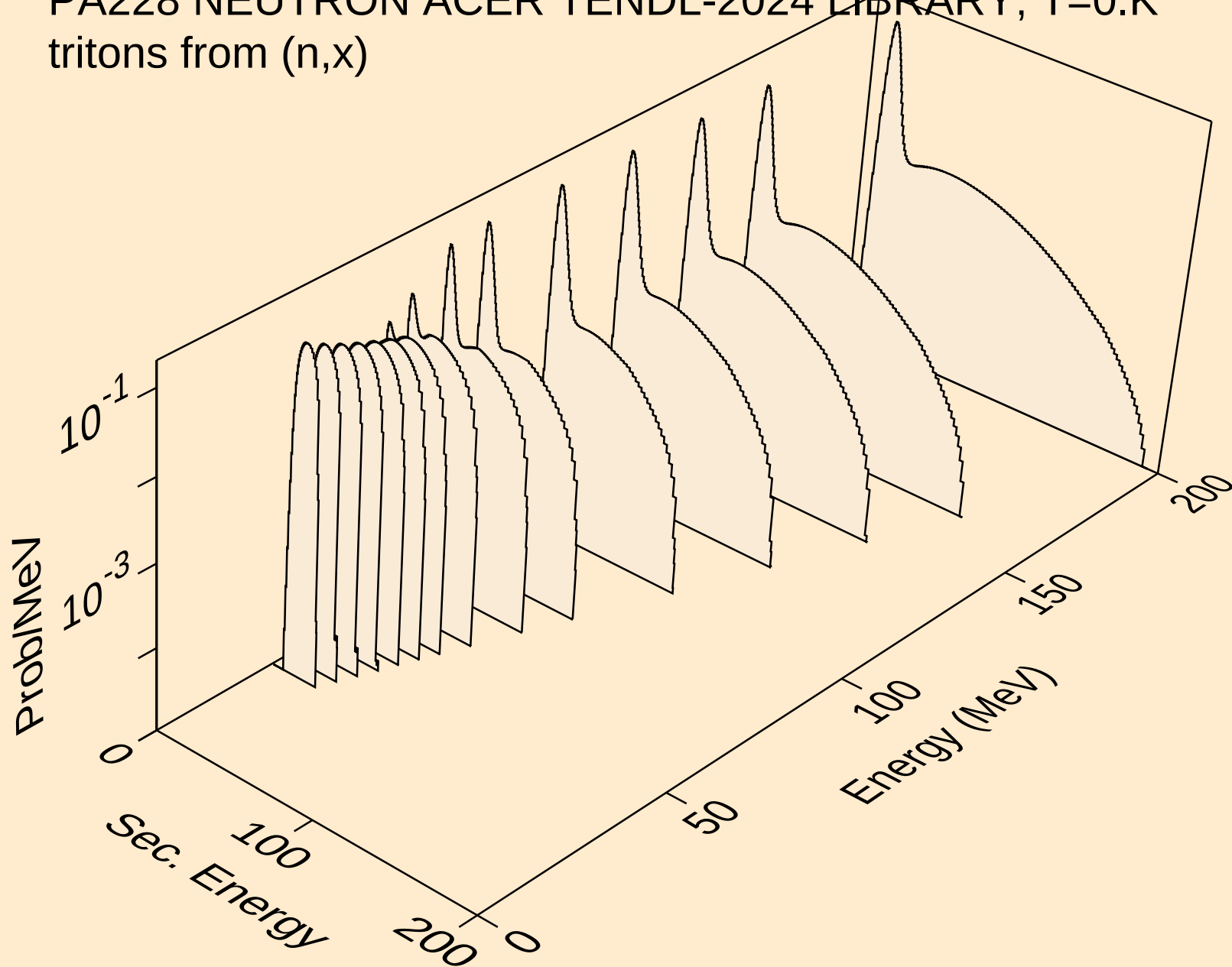
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



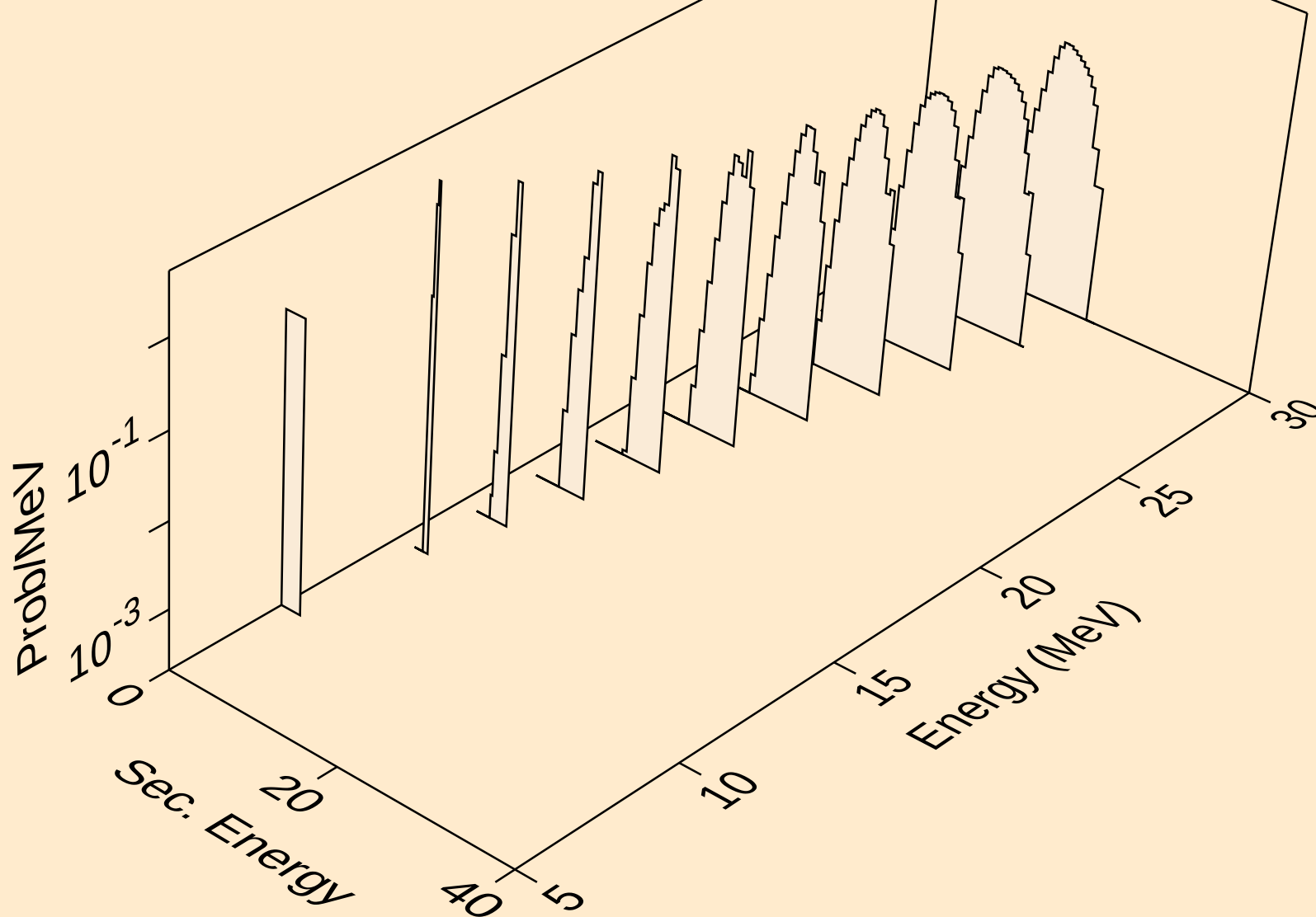
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



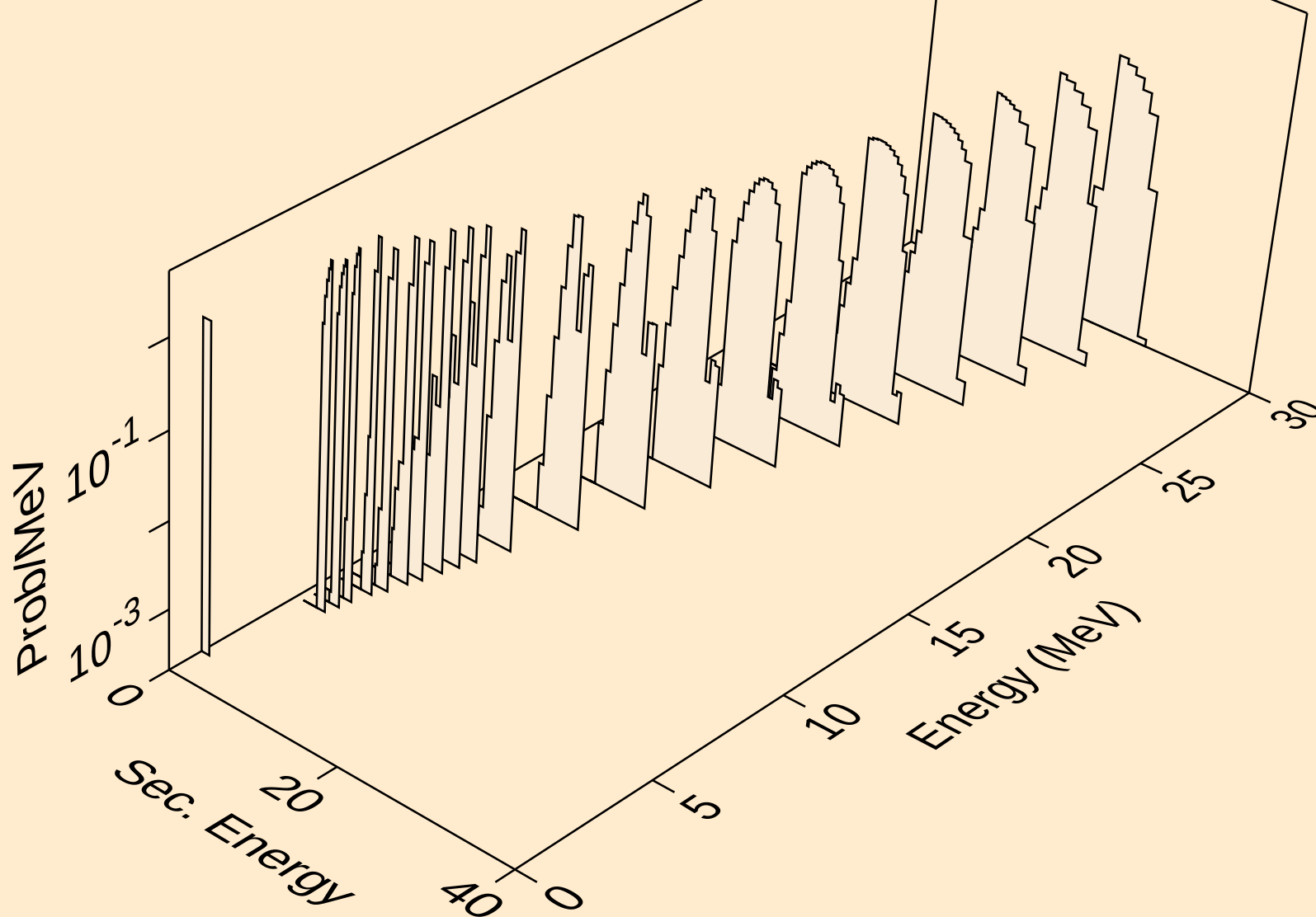
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



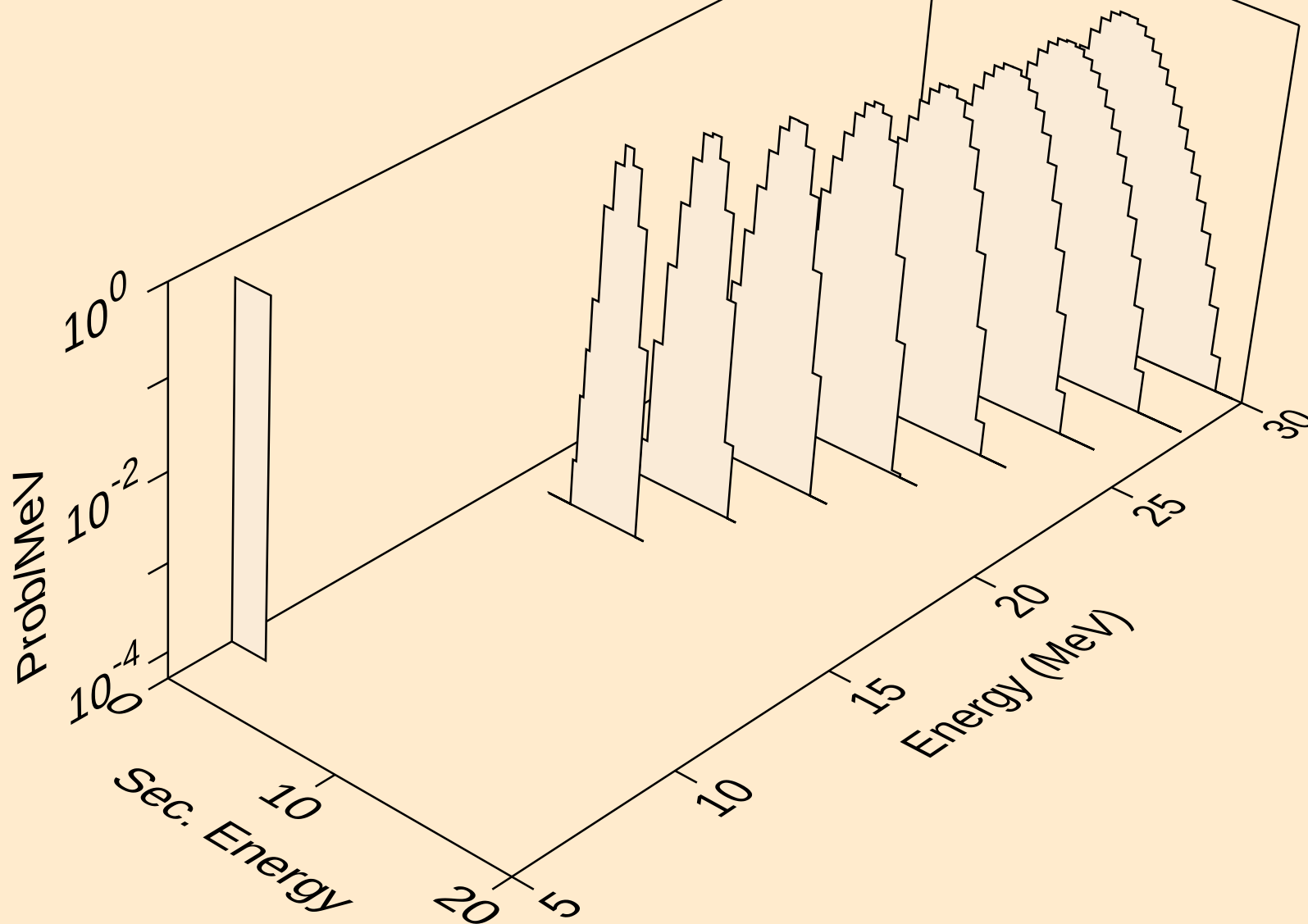
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



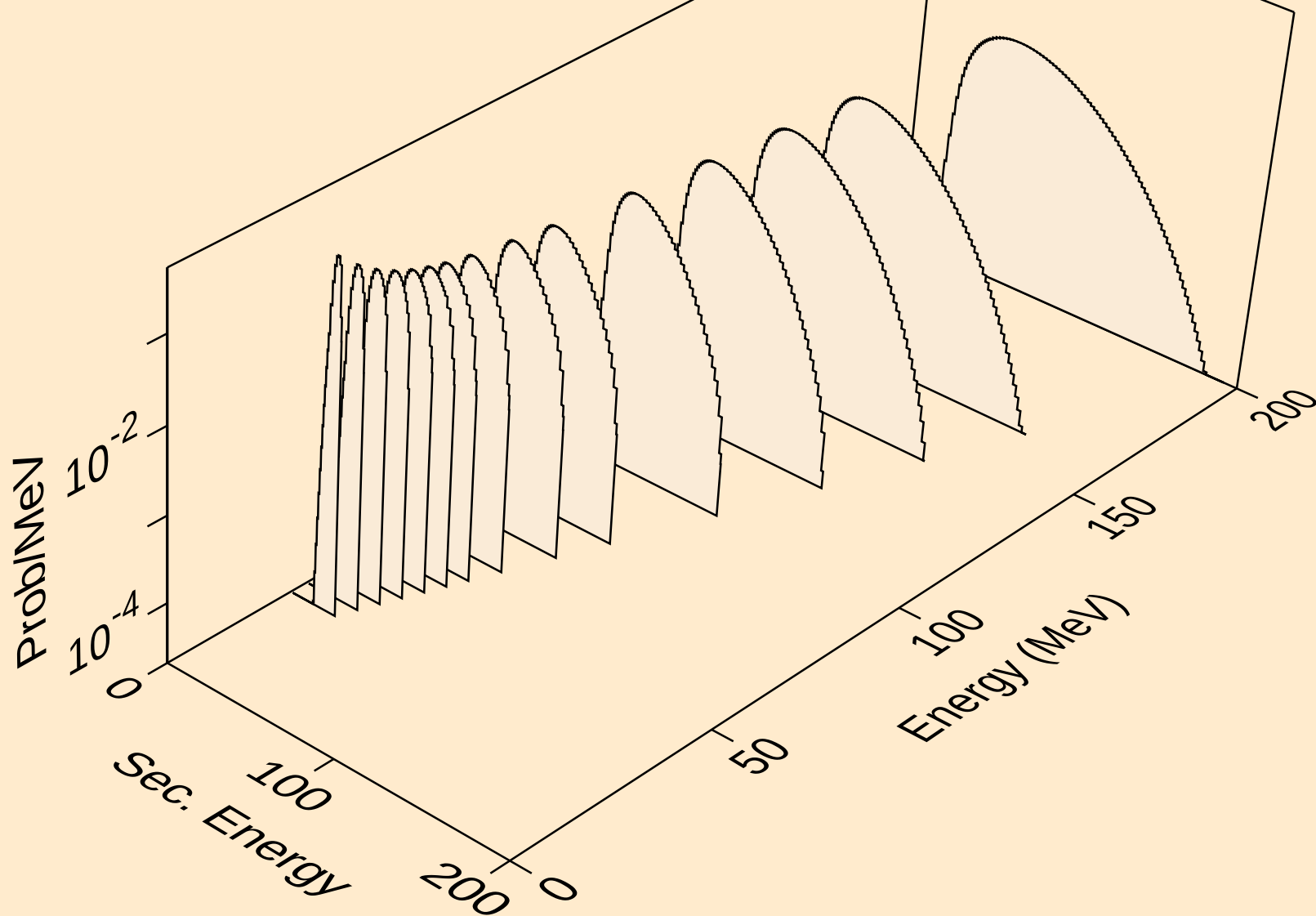
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



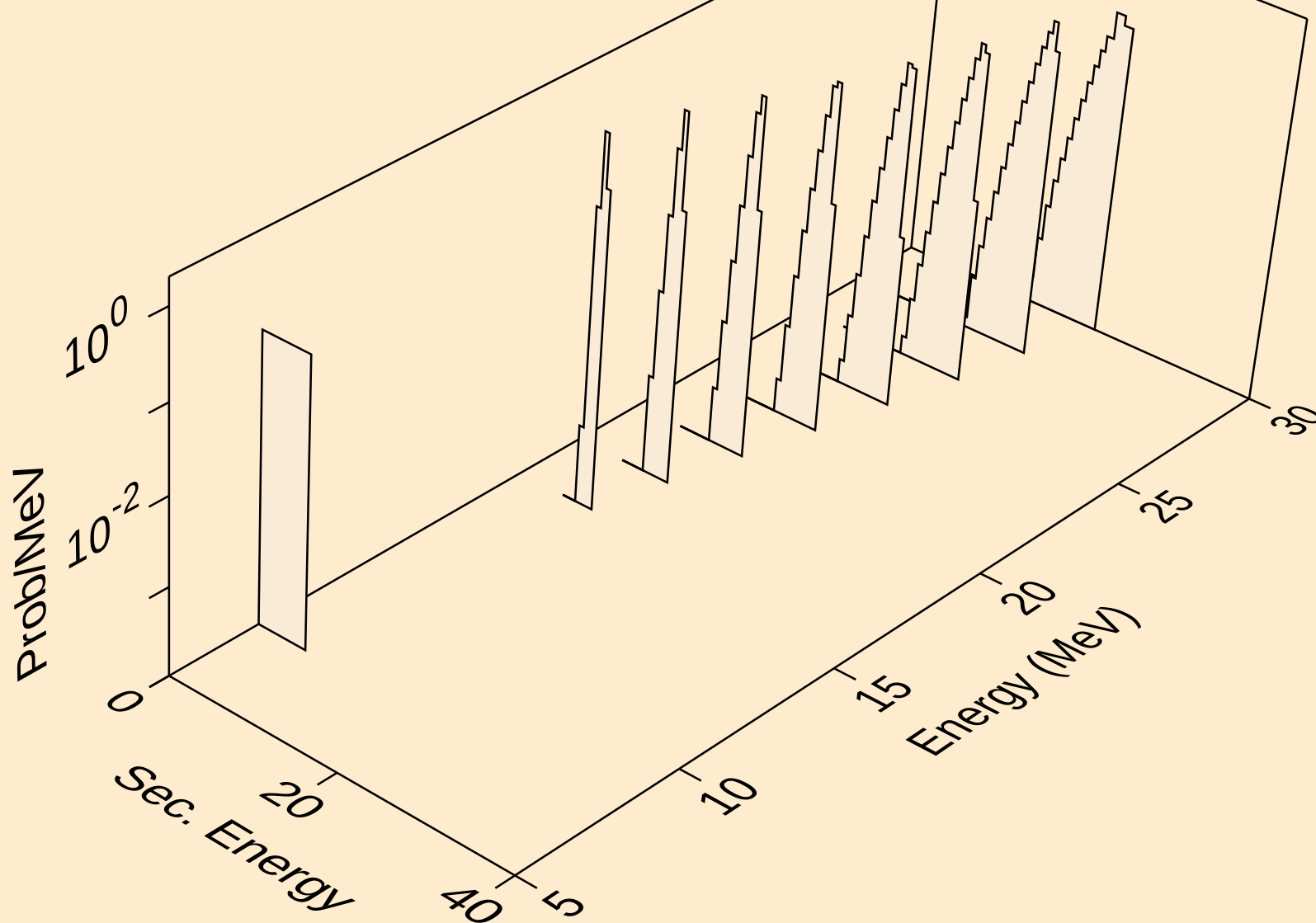
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



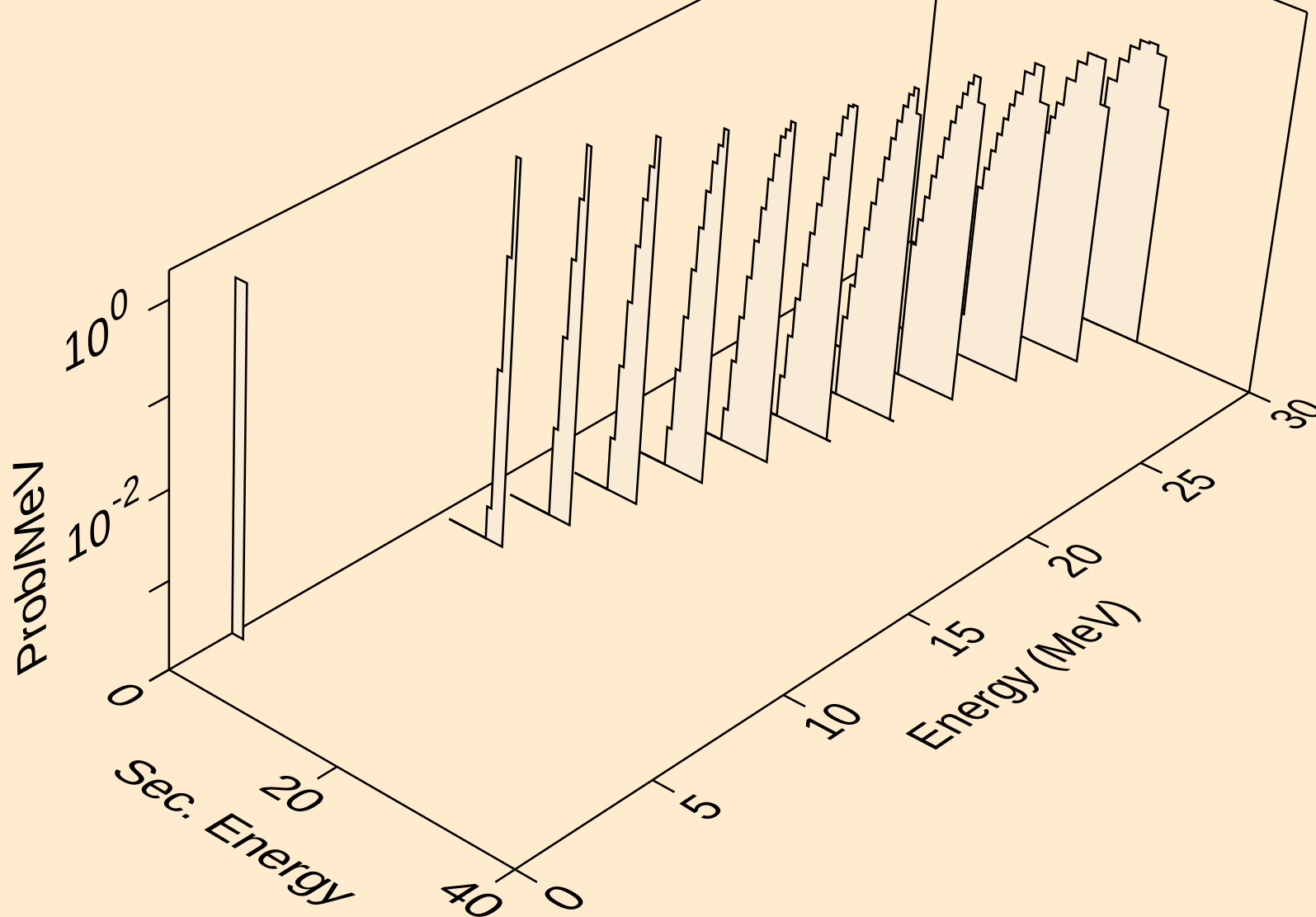
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



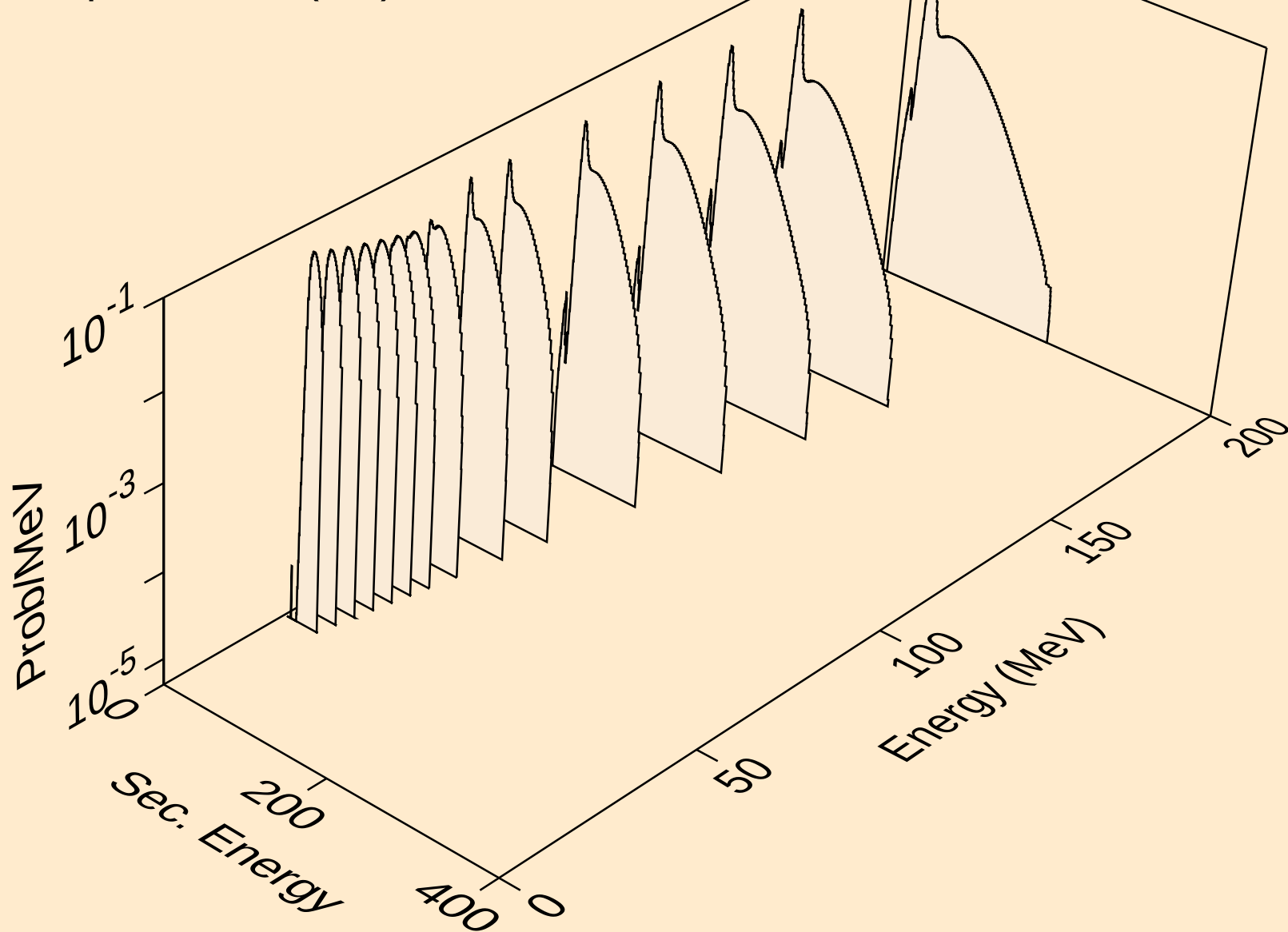
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



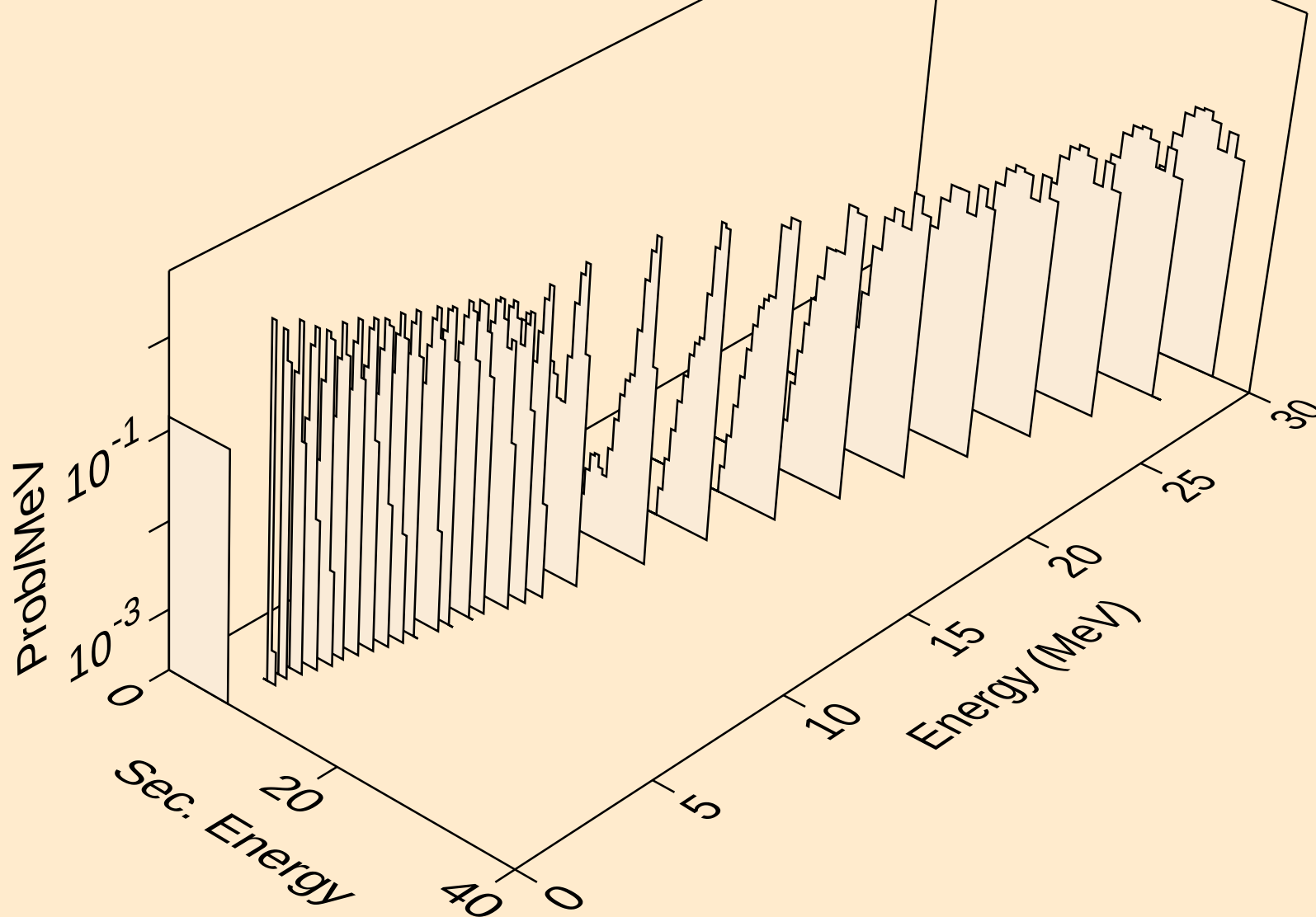
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



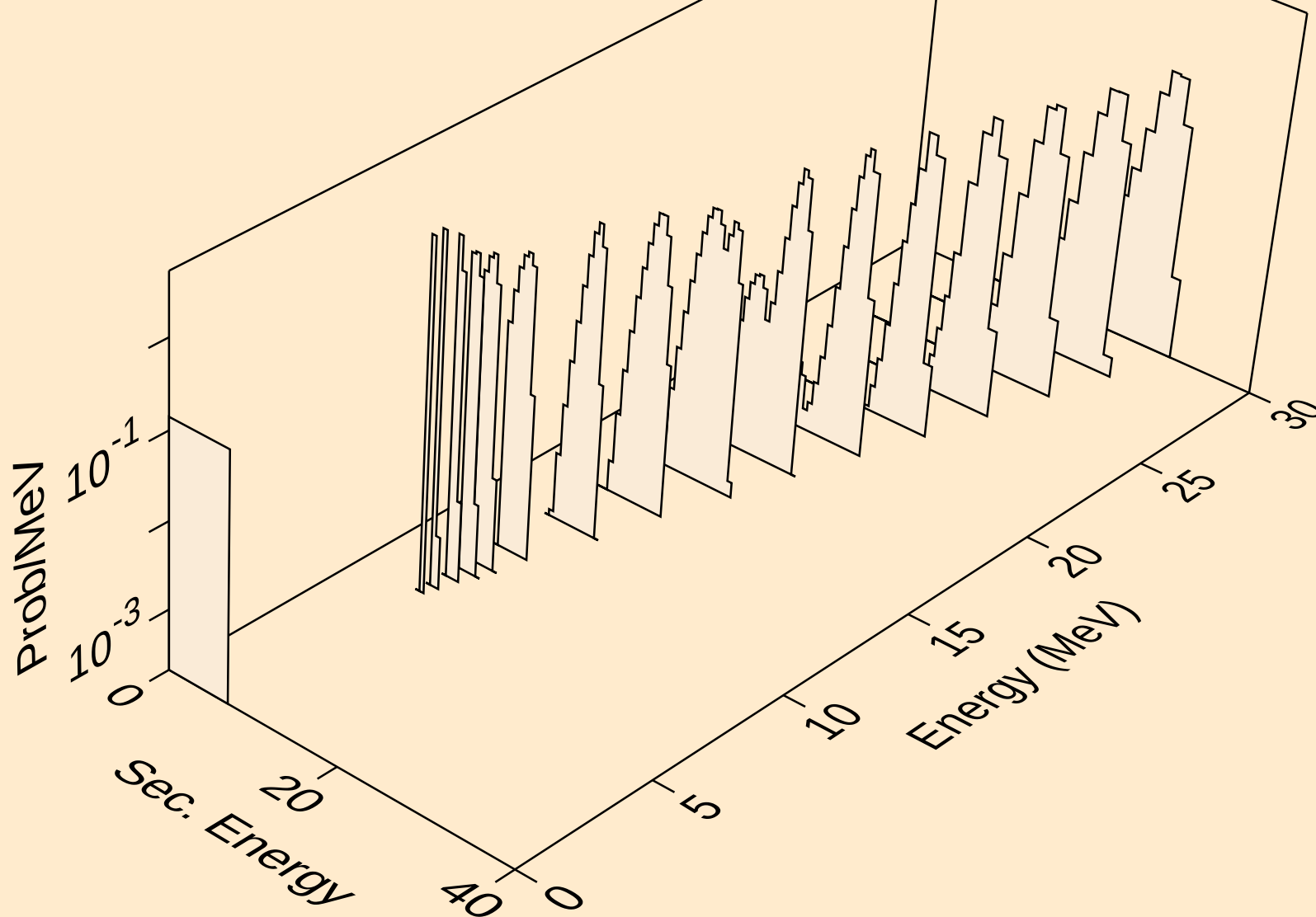
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



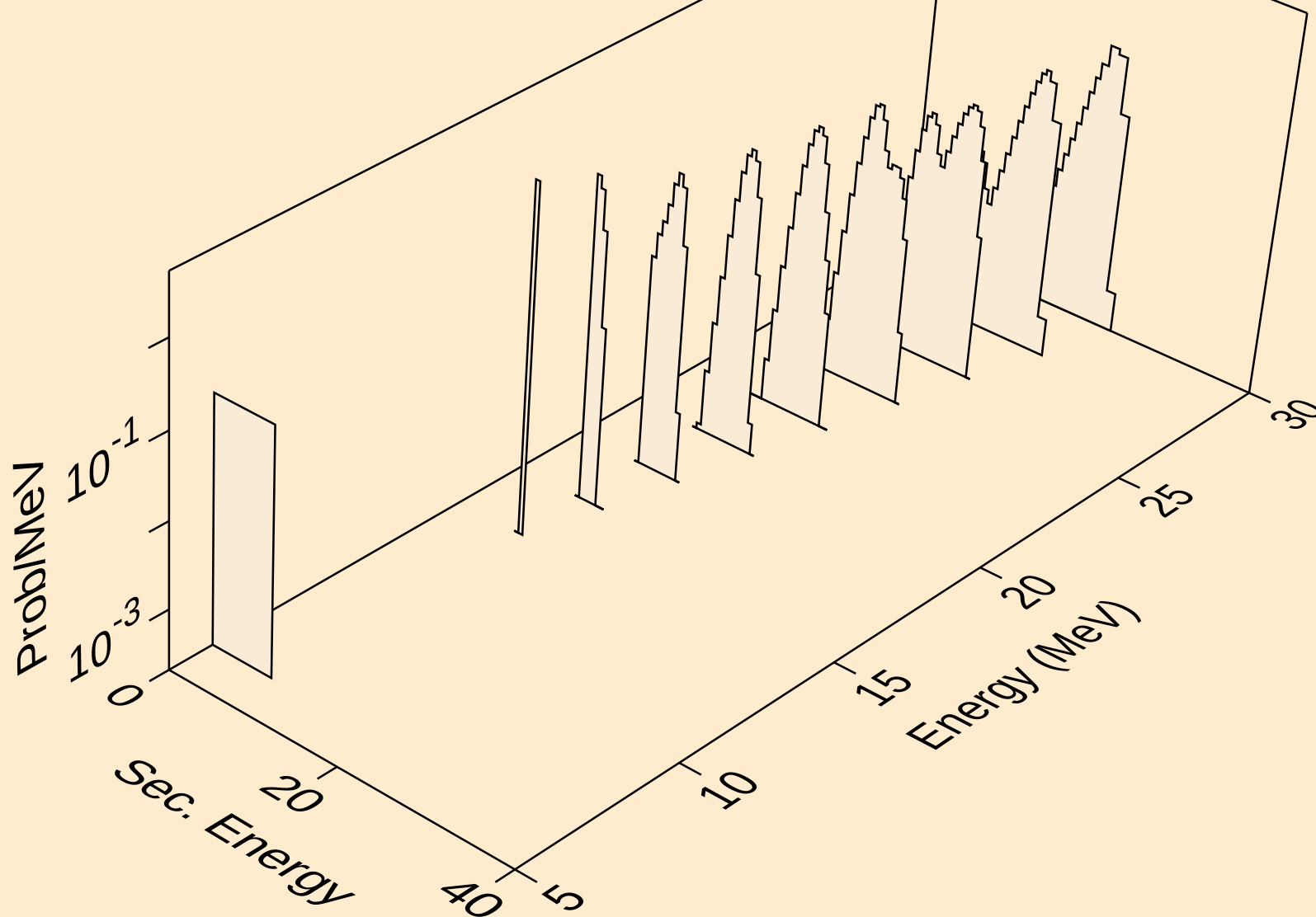
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



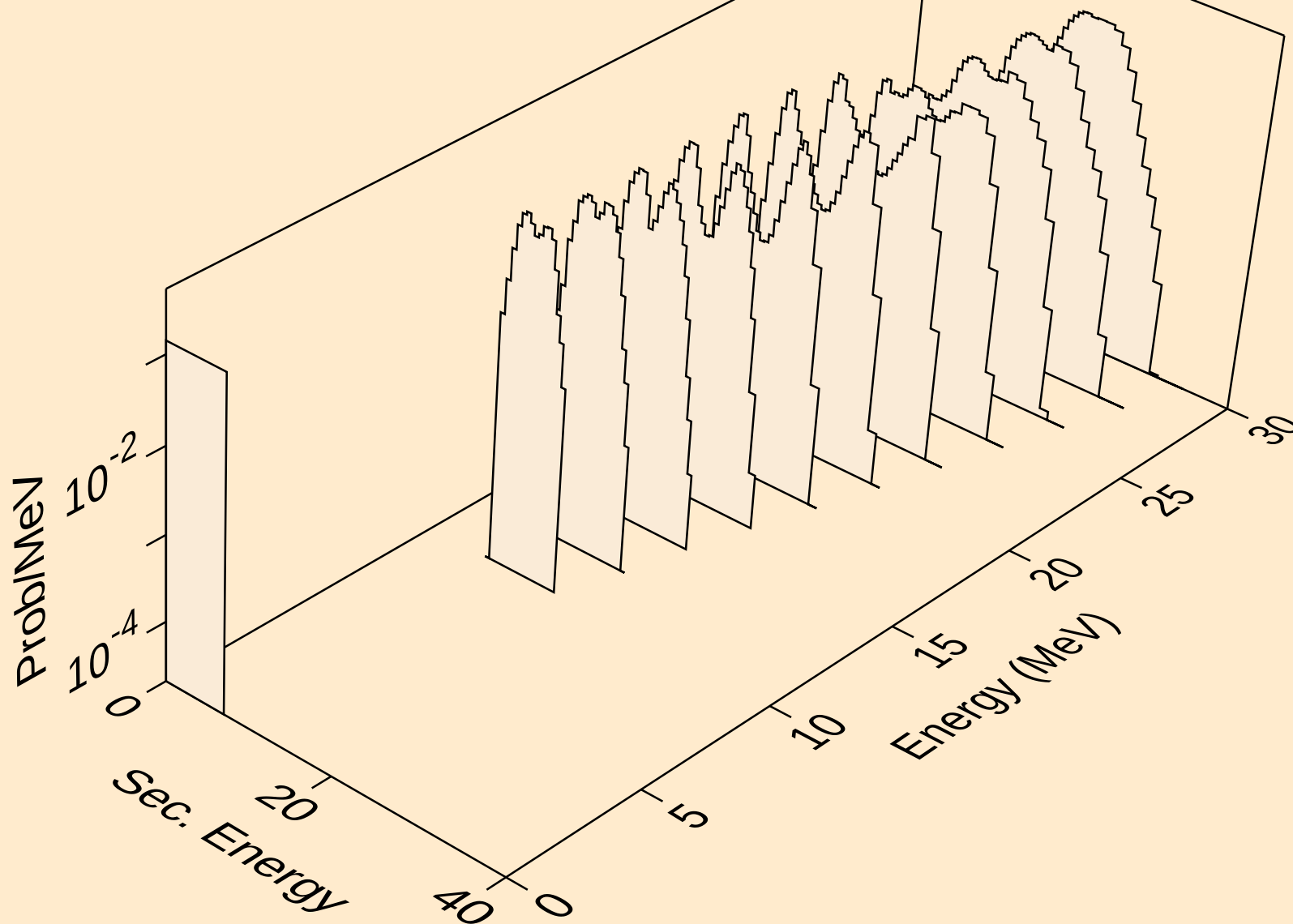
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alphas from (n,2n)a



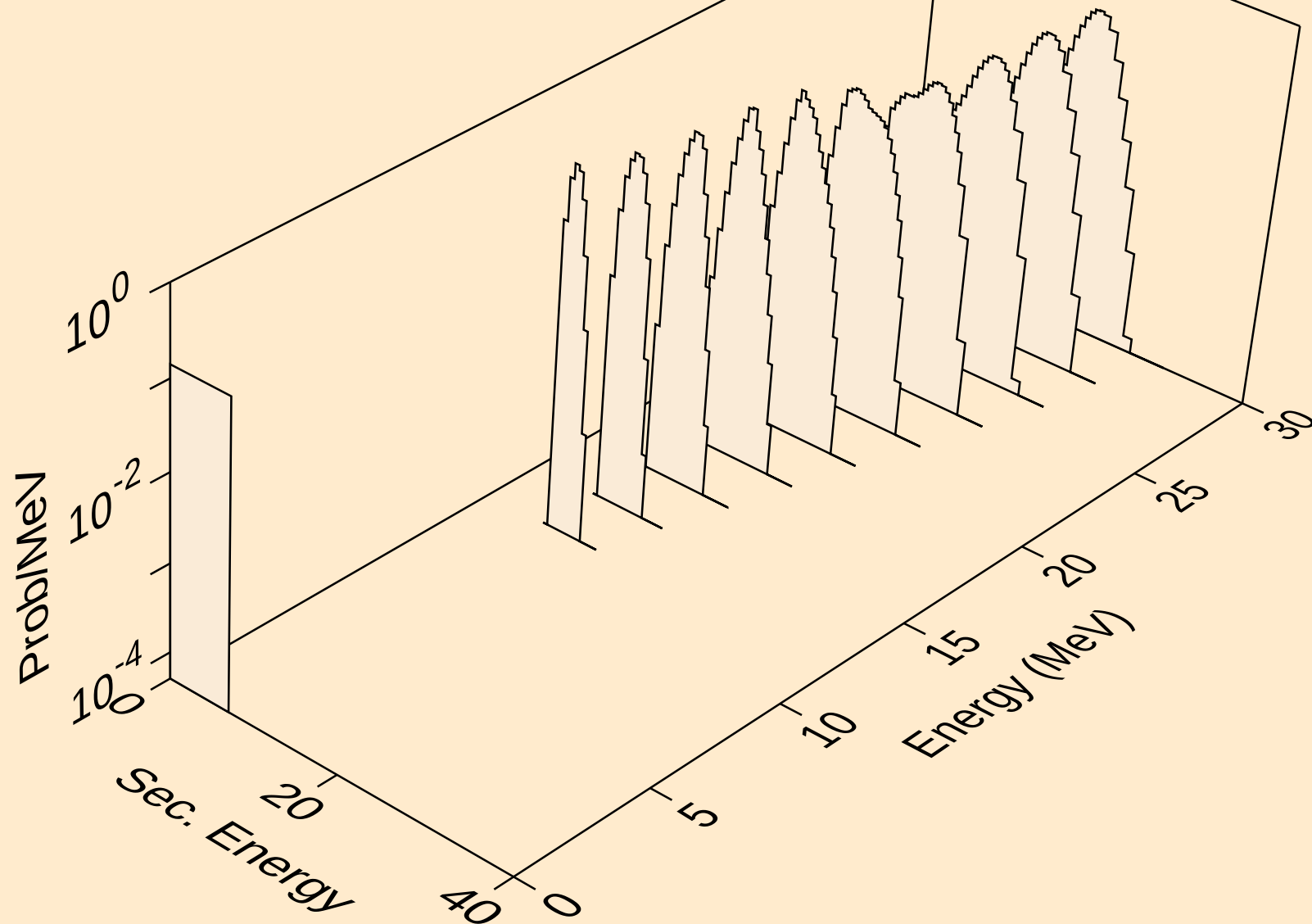
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alphas from (n,3n)a



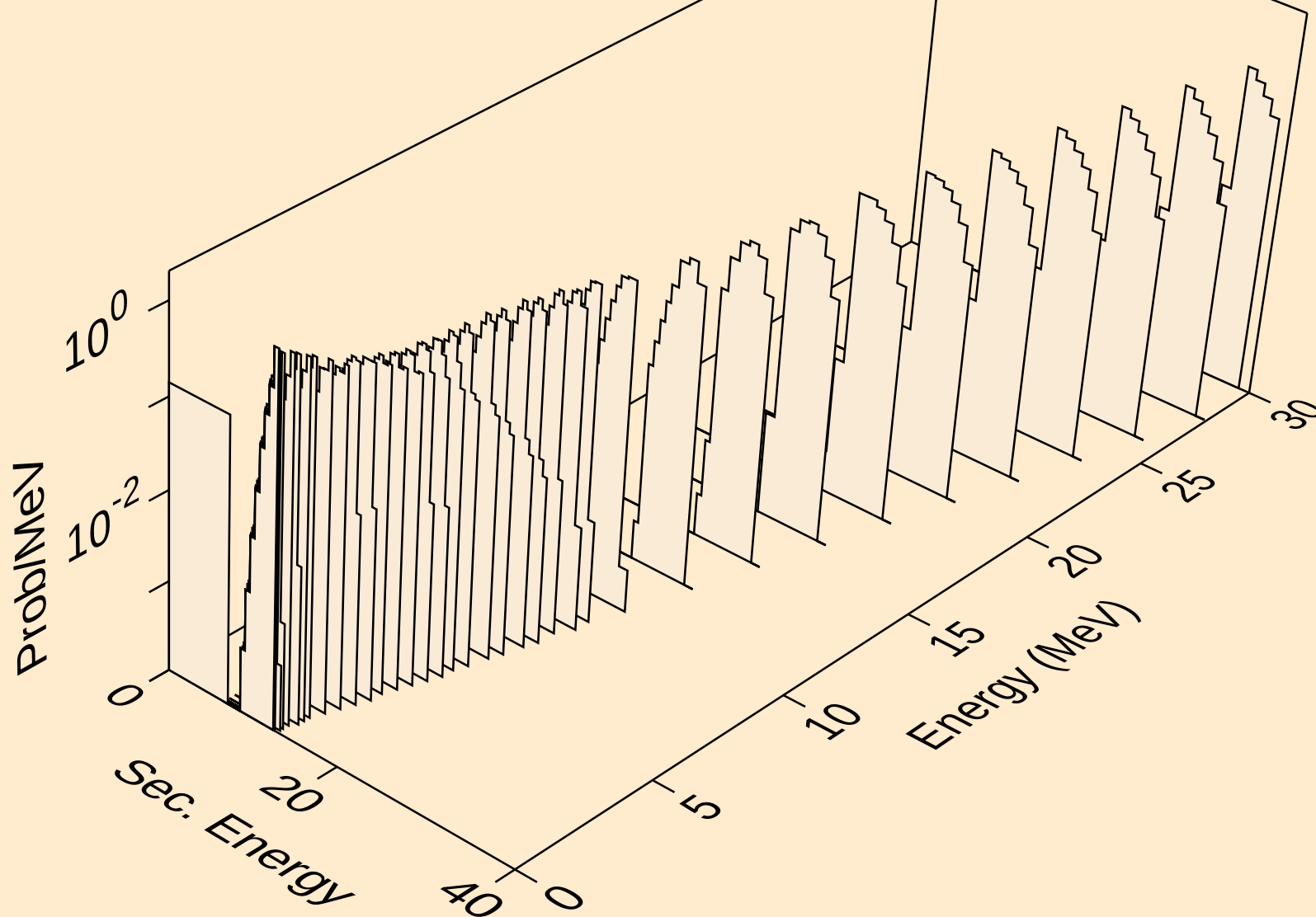
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



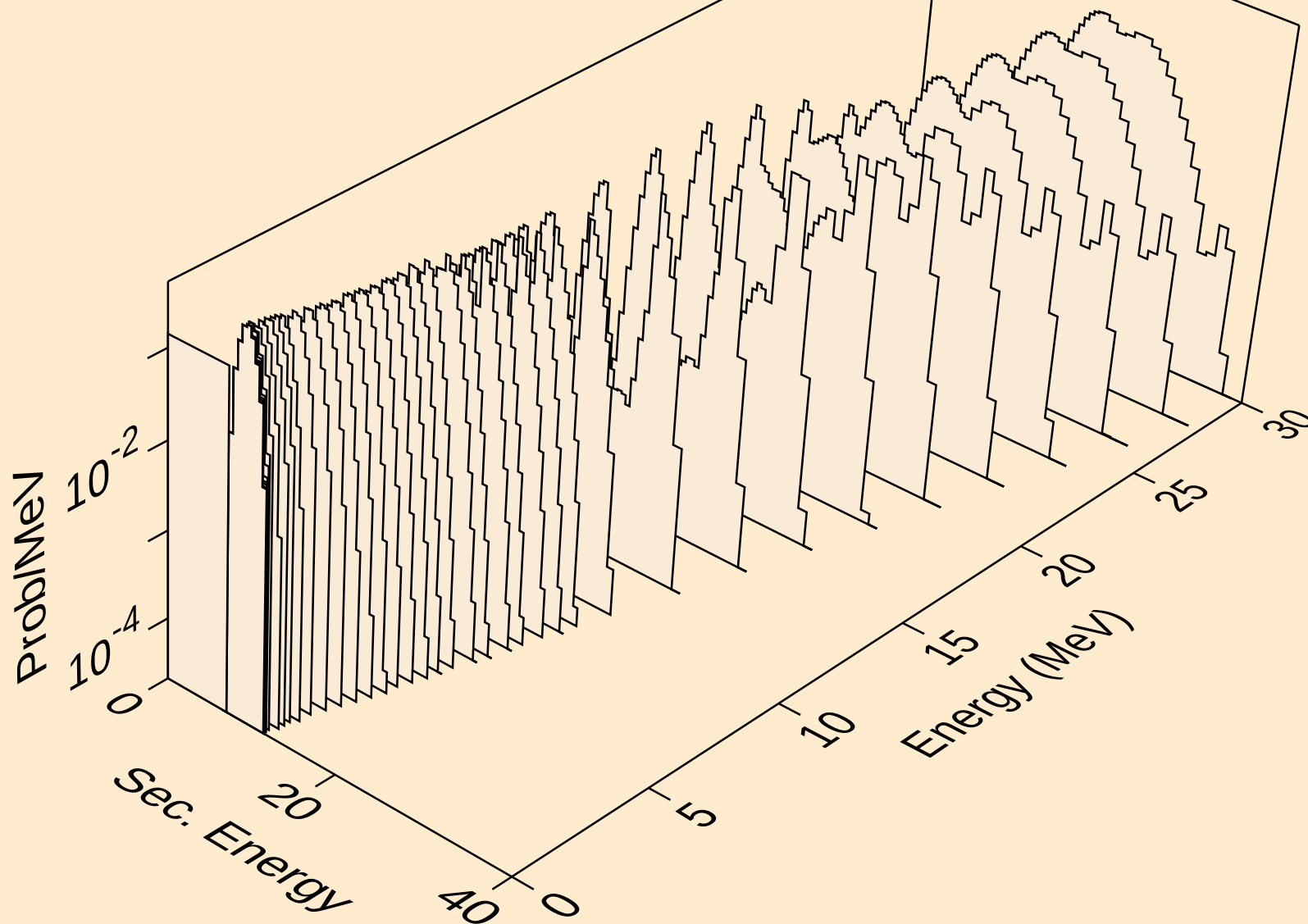
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



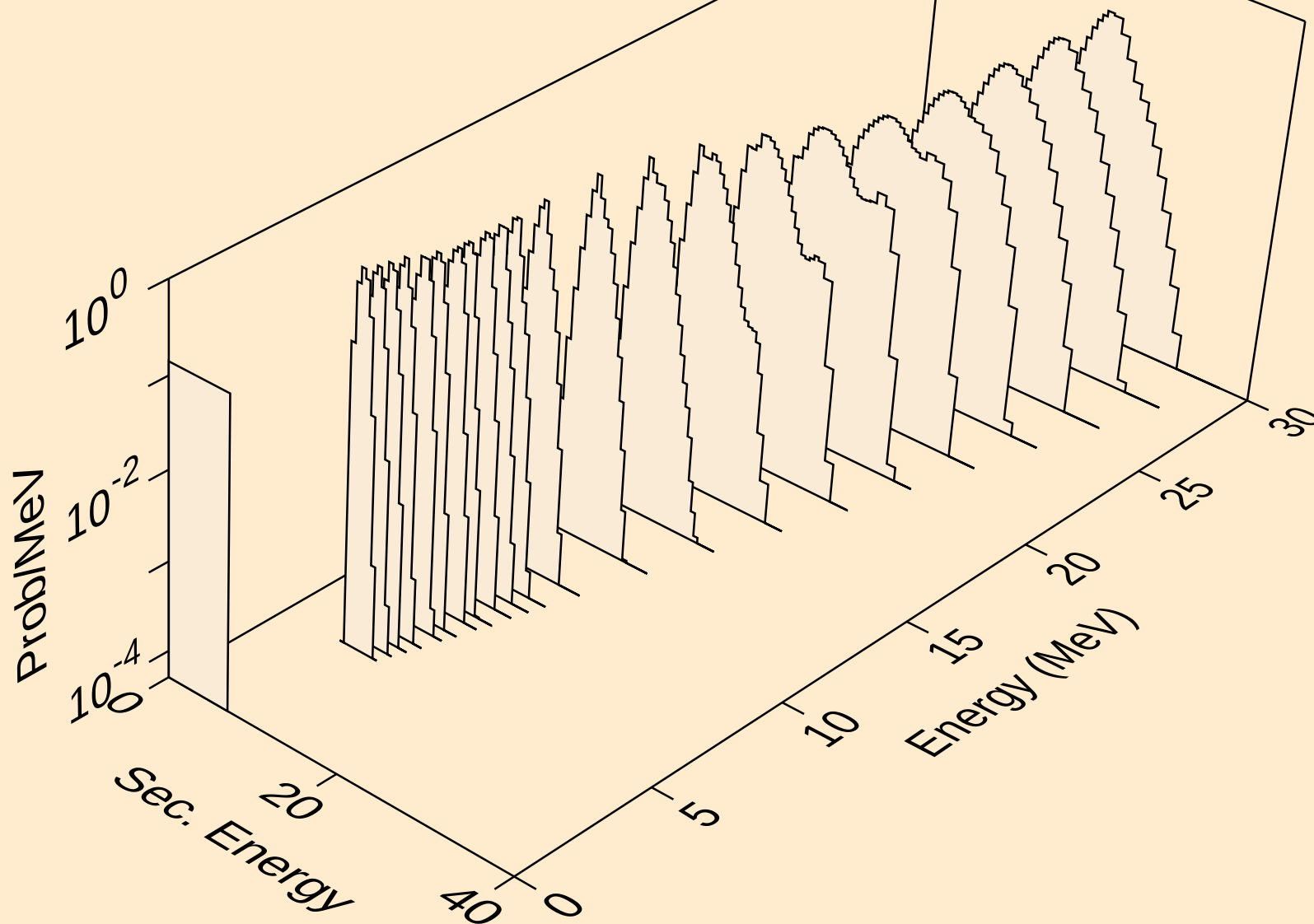
PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



PA228 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

