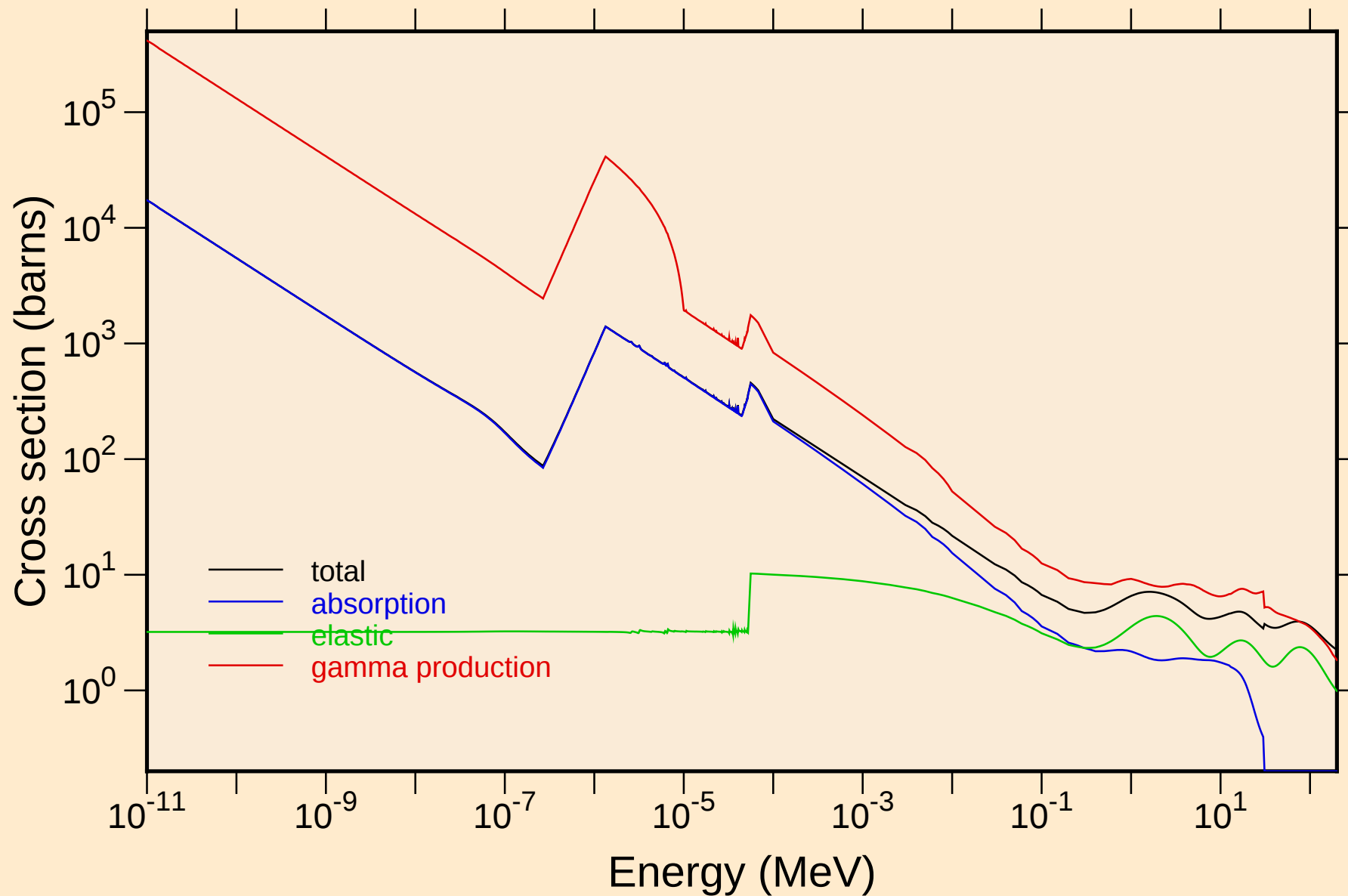
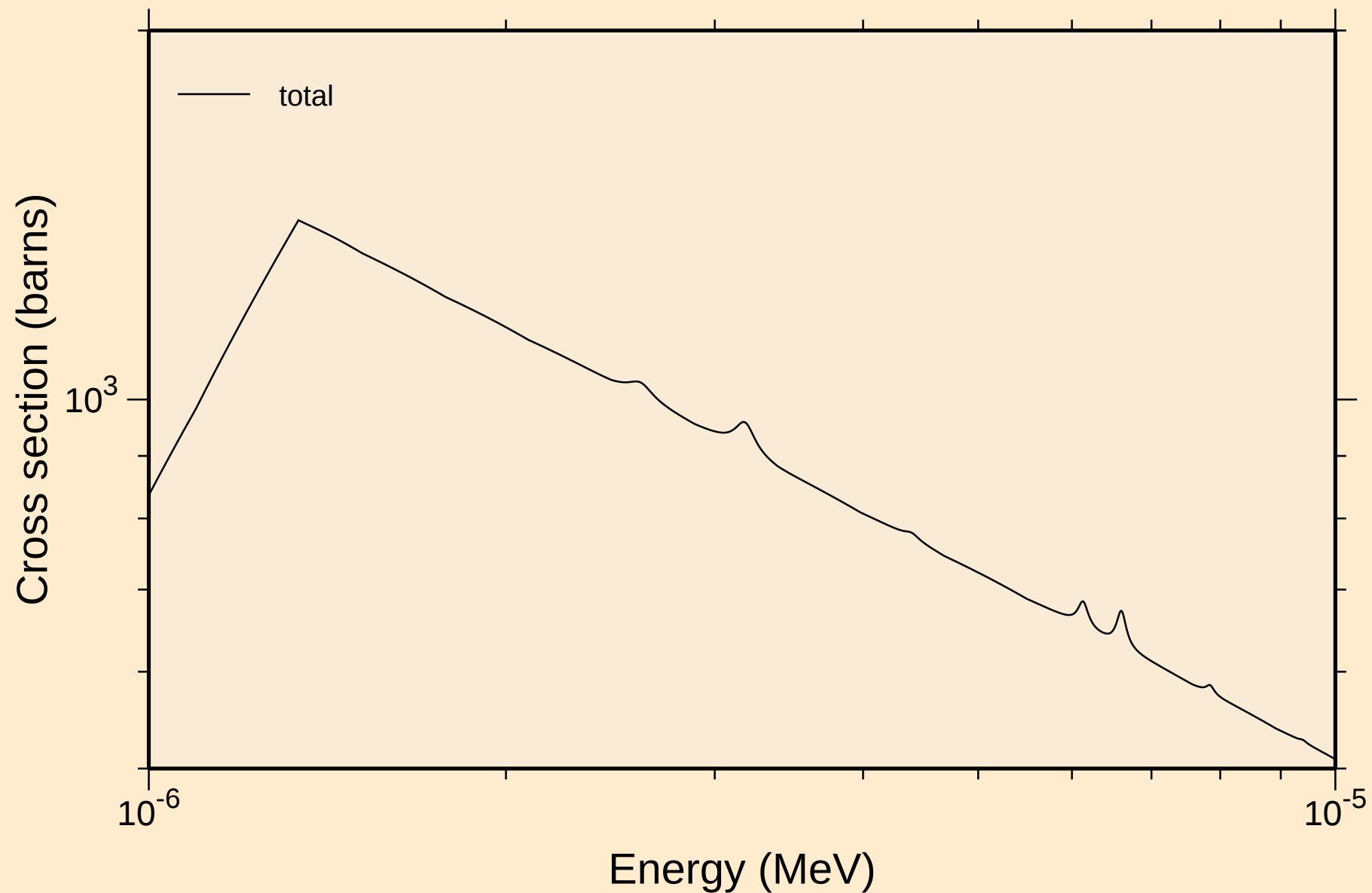


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

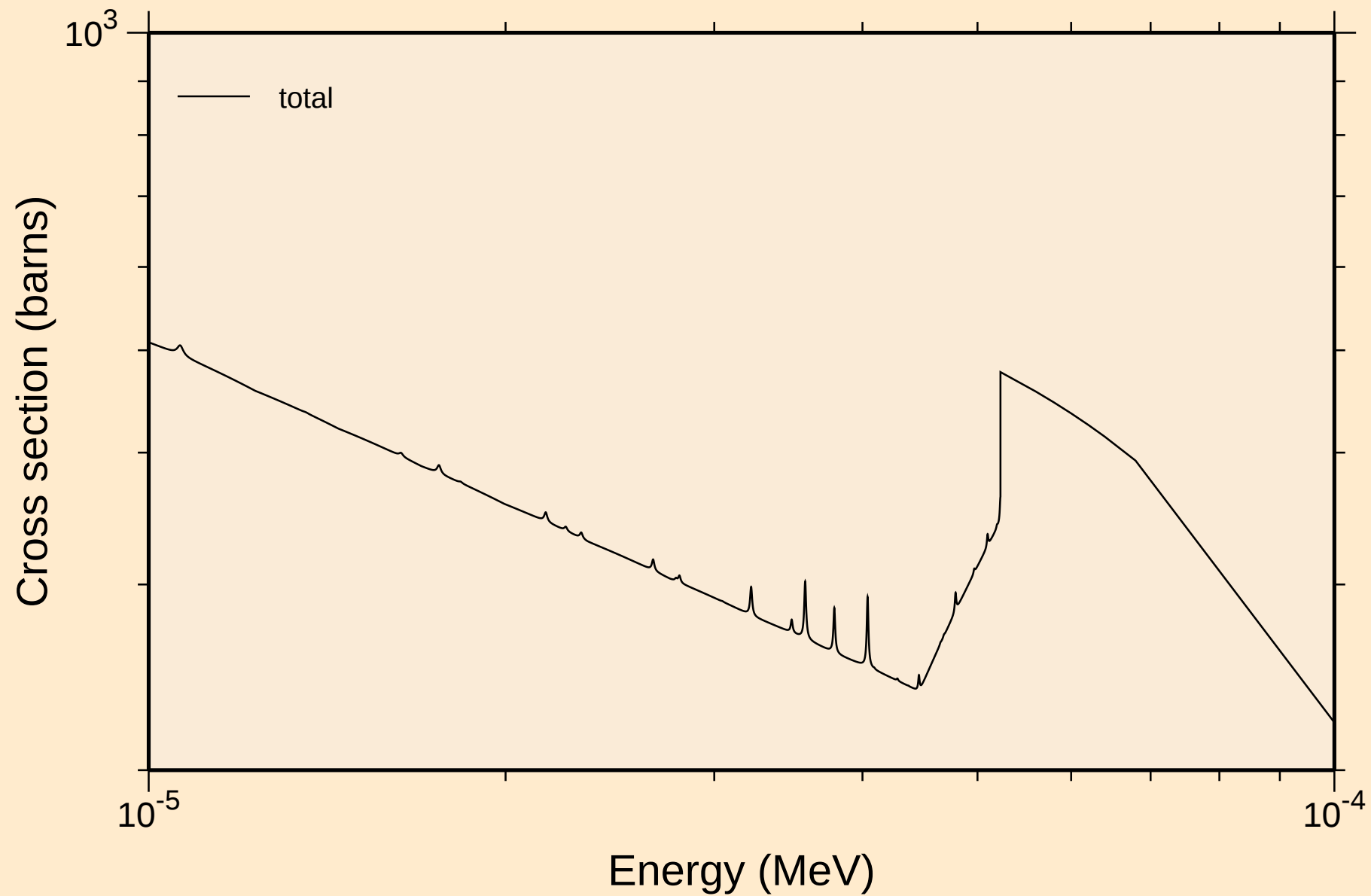
Principal cross sections



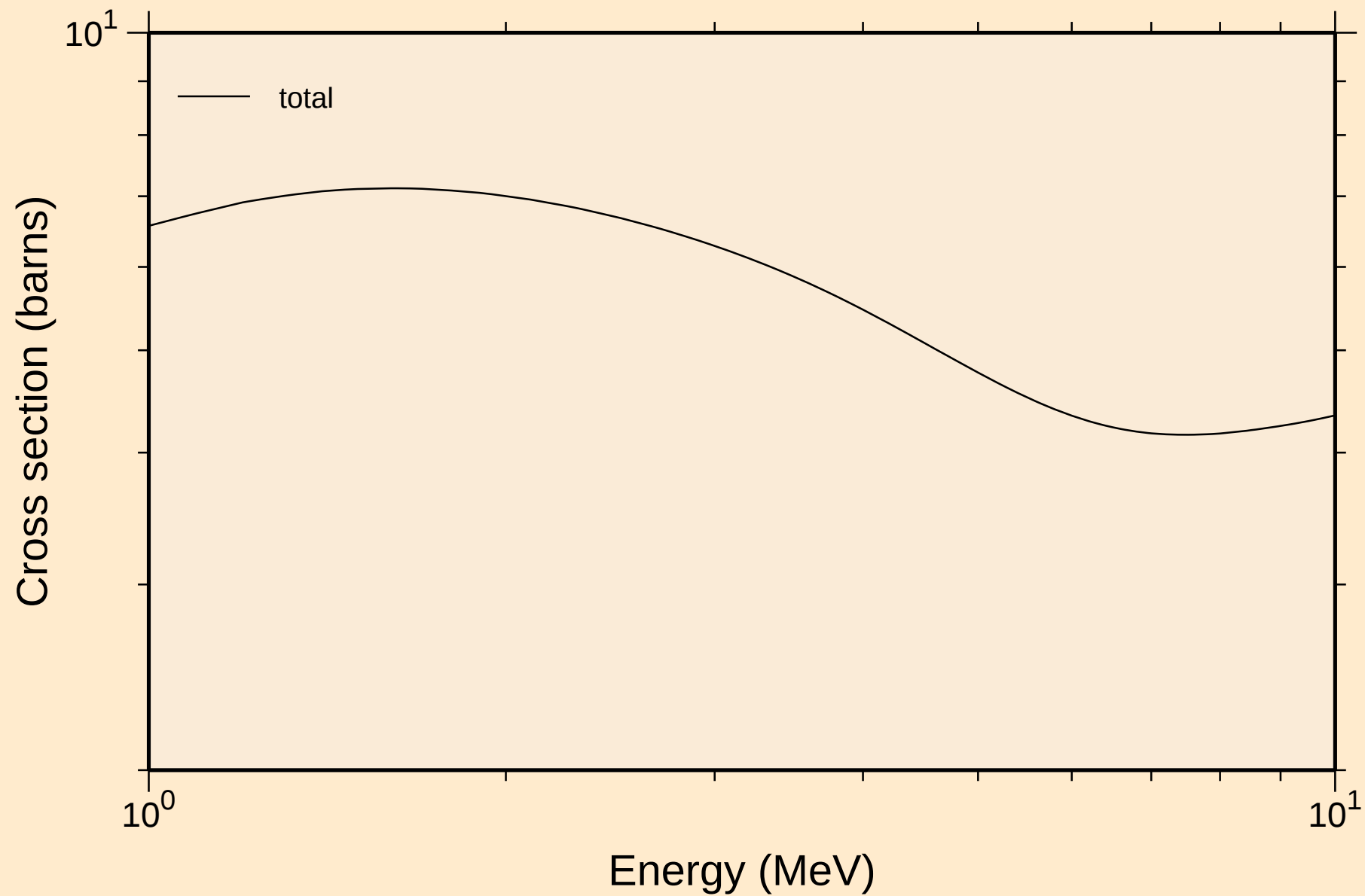
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



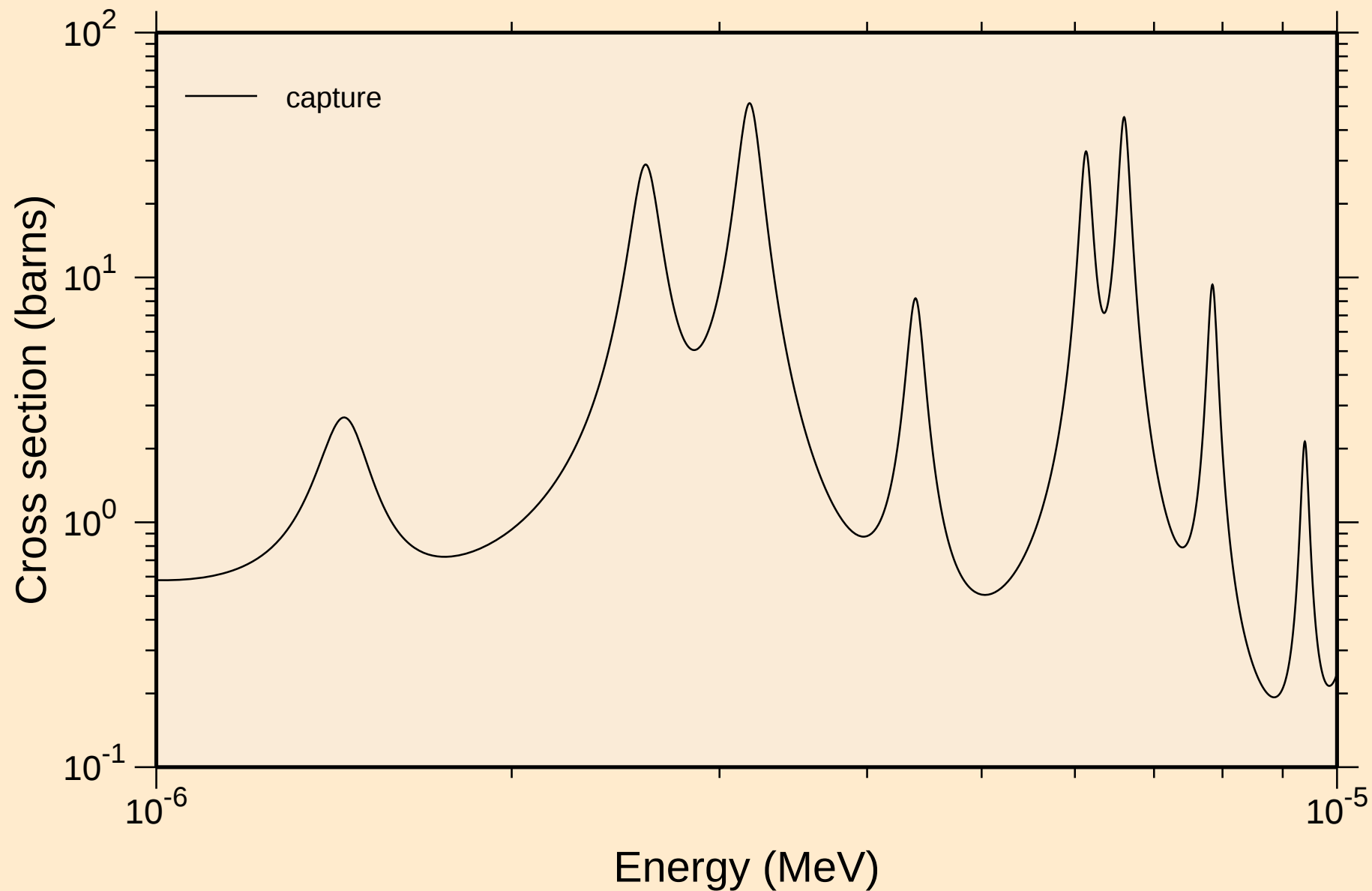
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



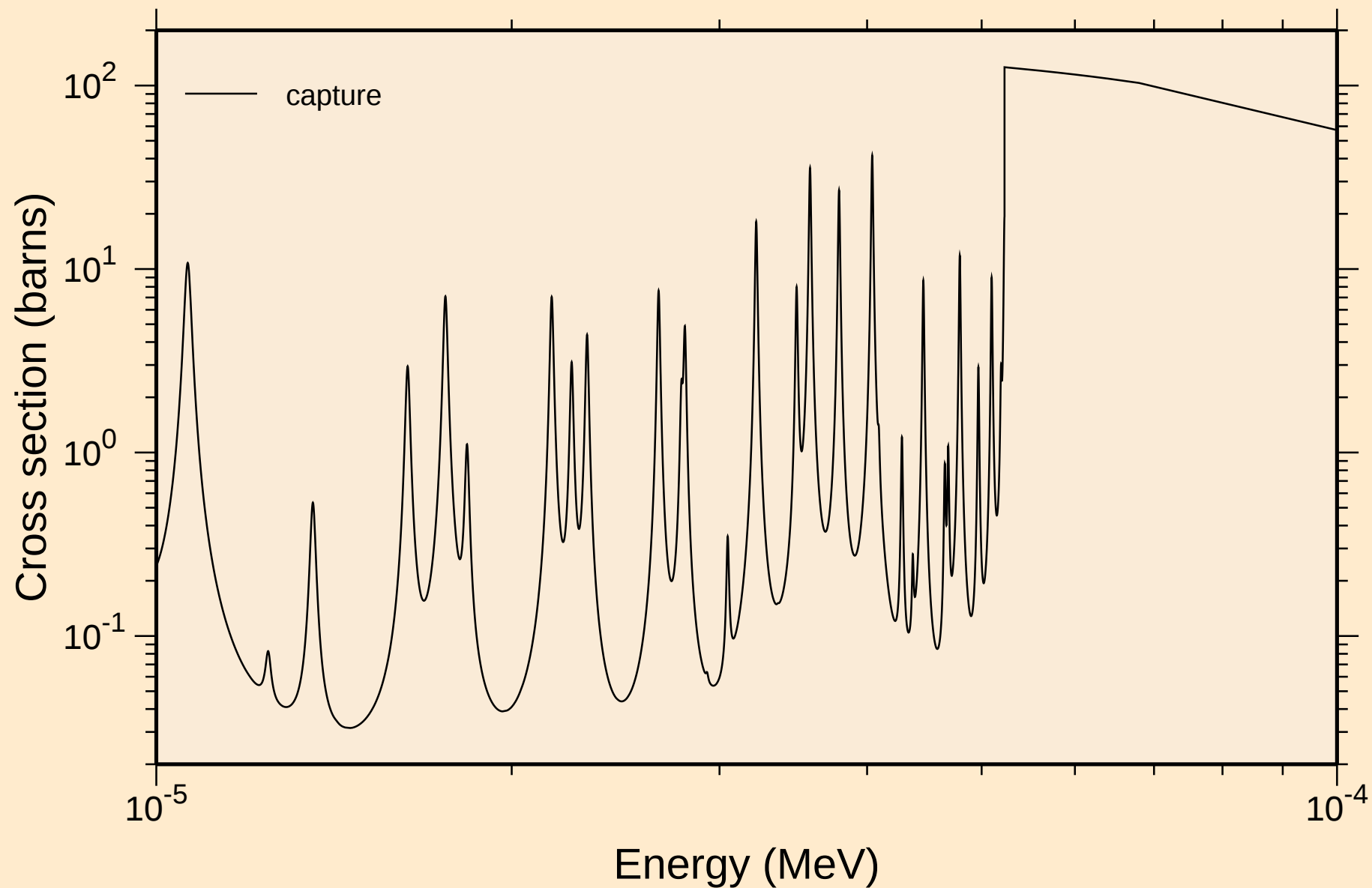
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resonance total cross section



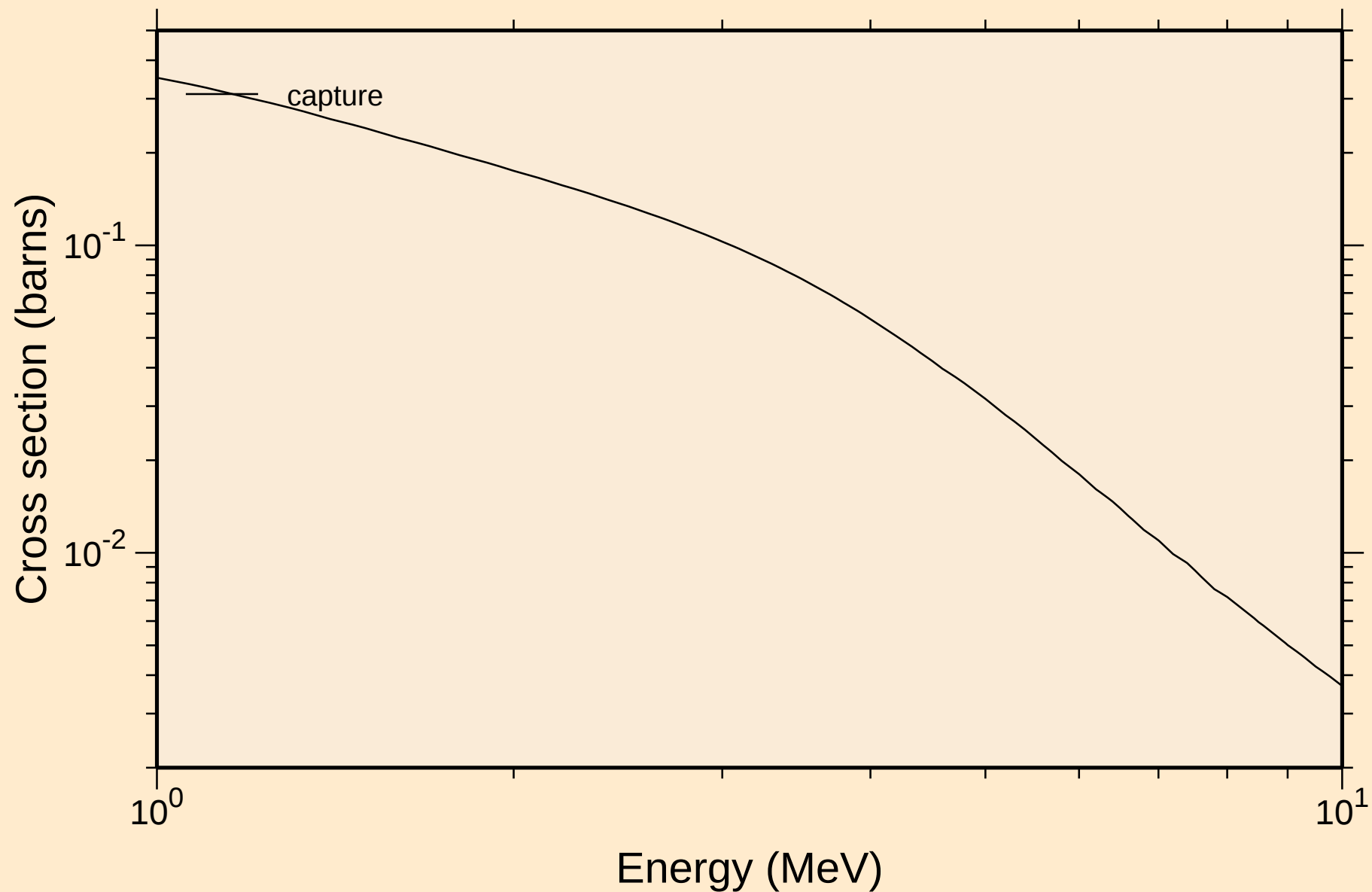
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

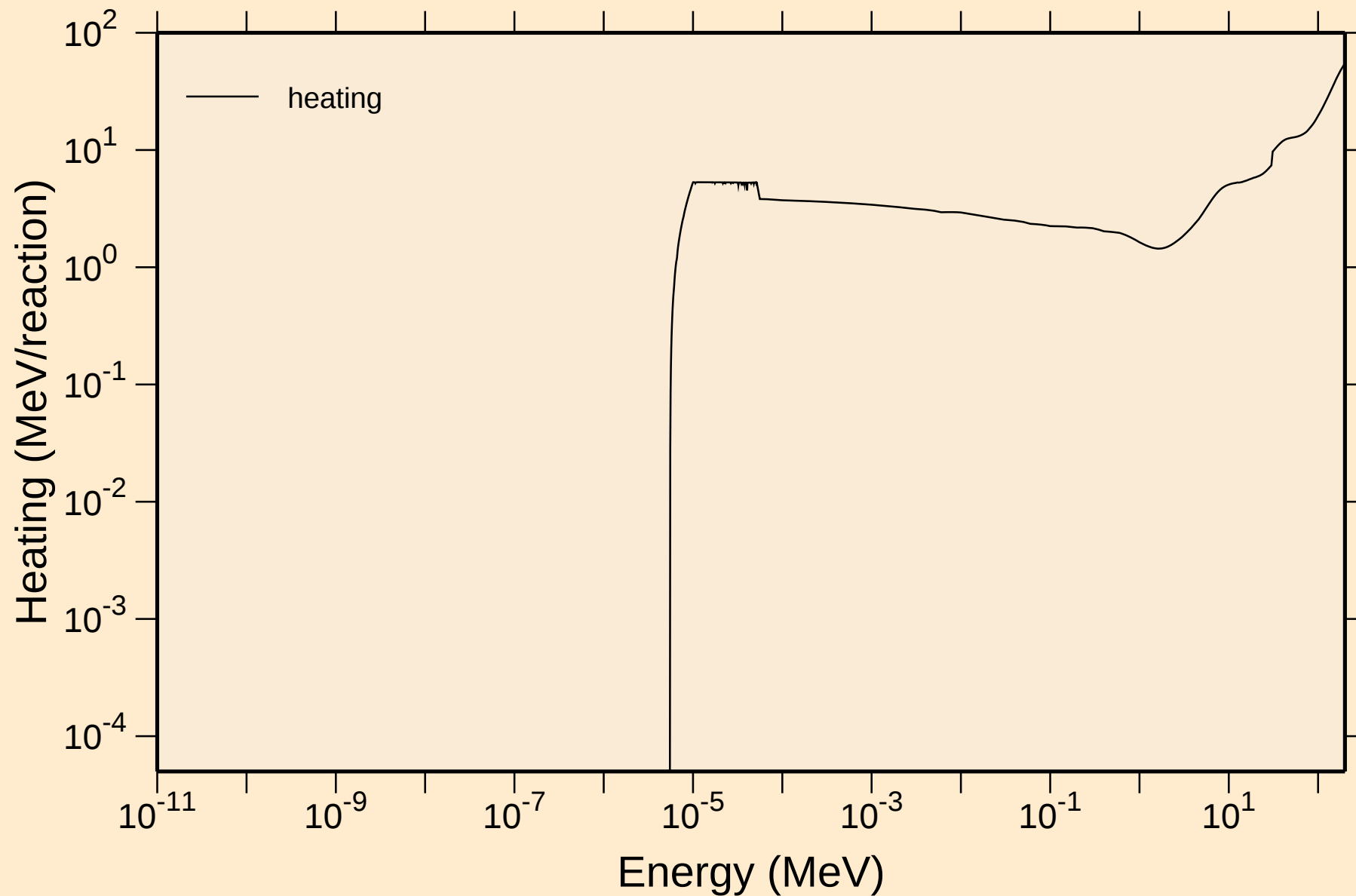


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



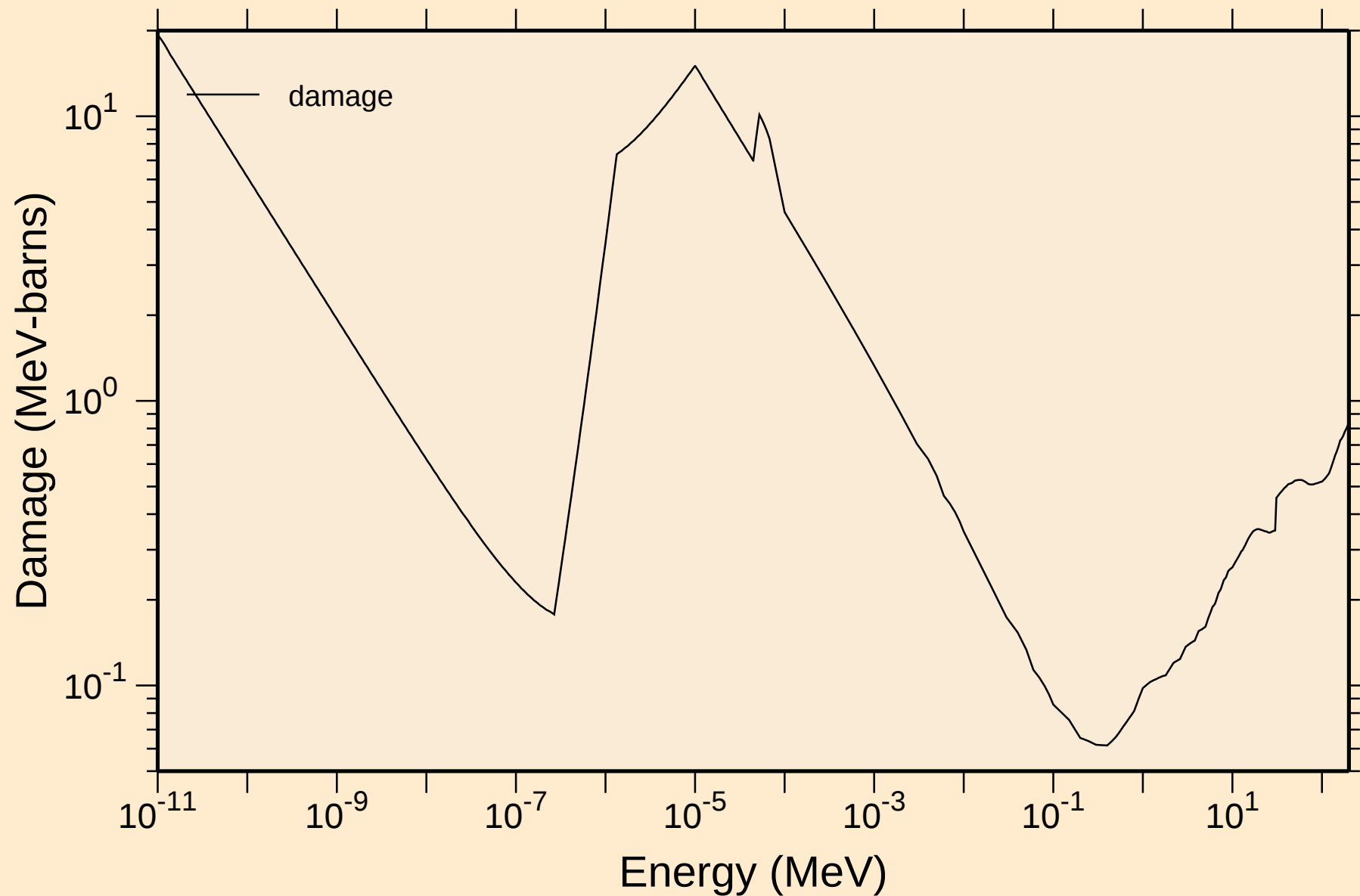
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

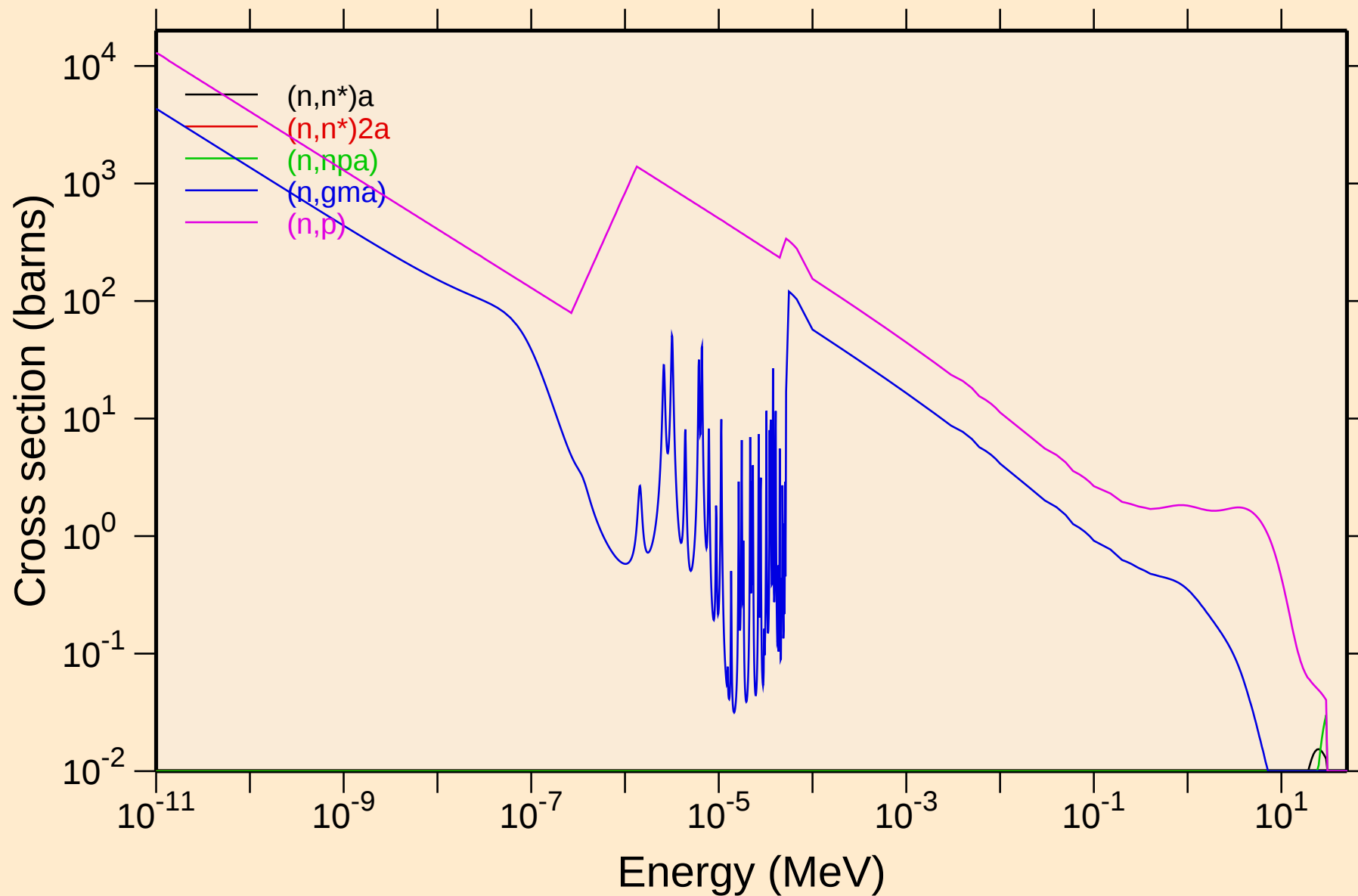


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

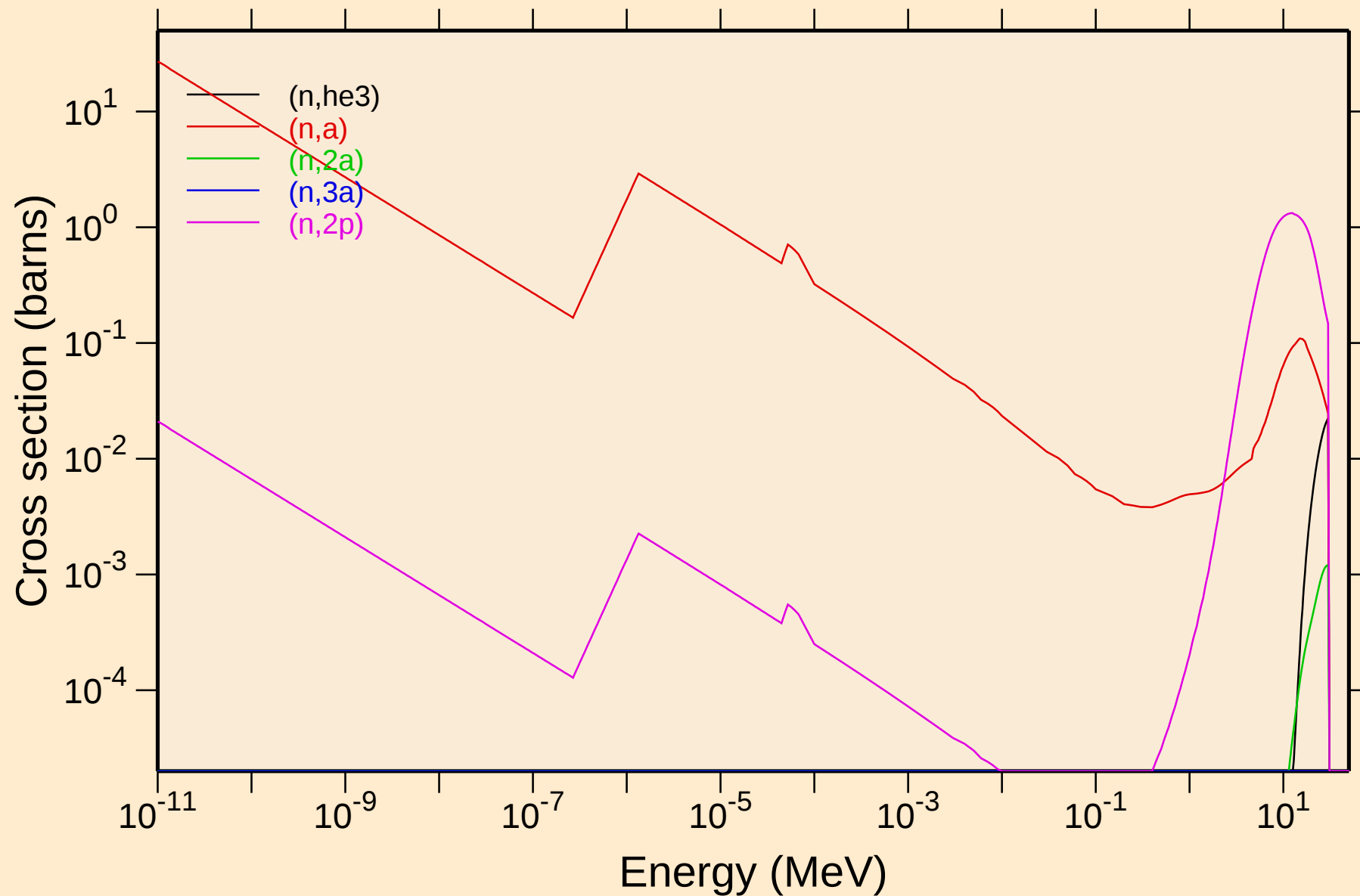
Damage



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

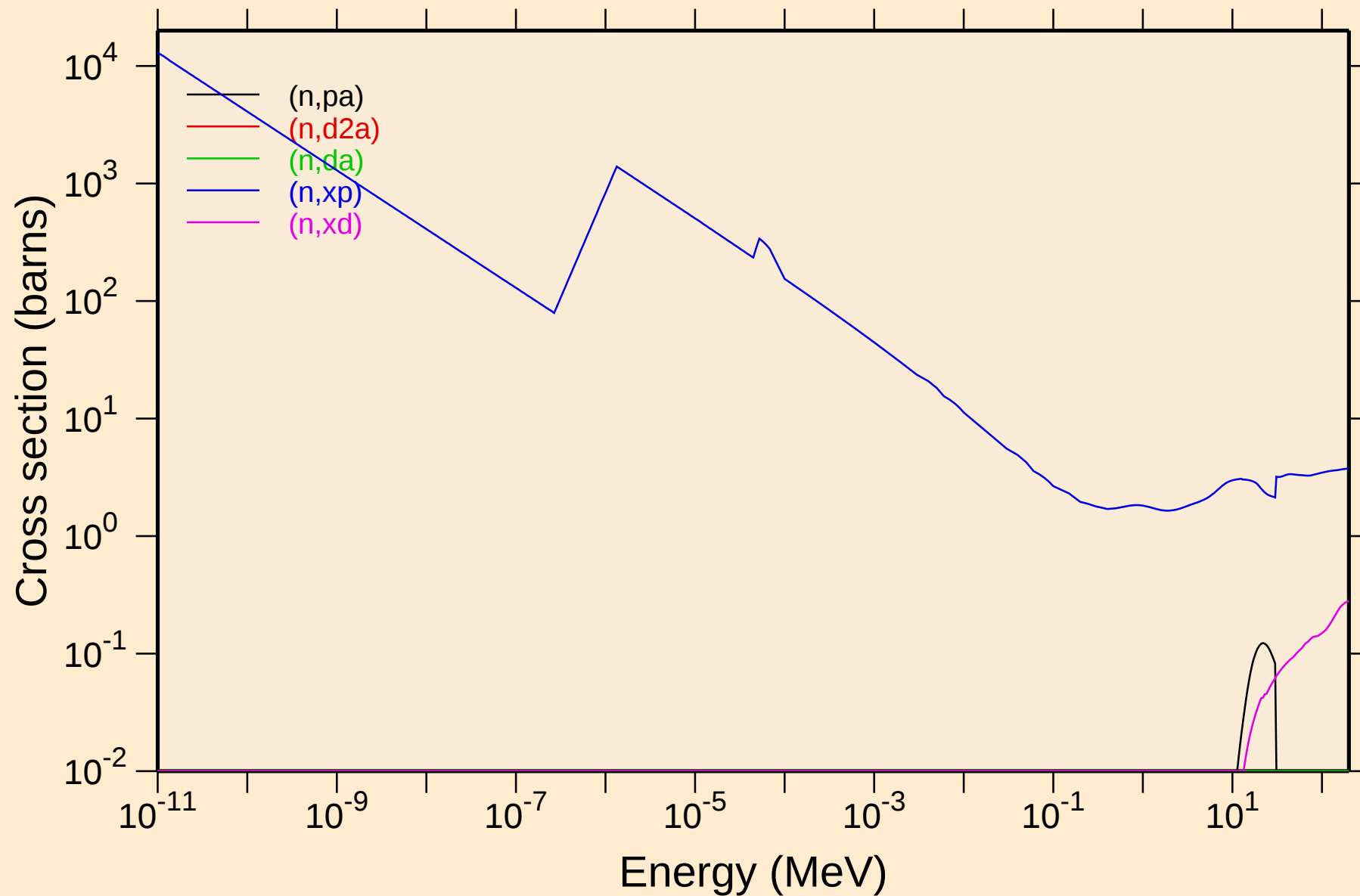


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

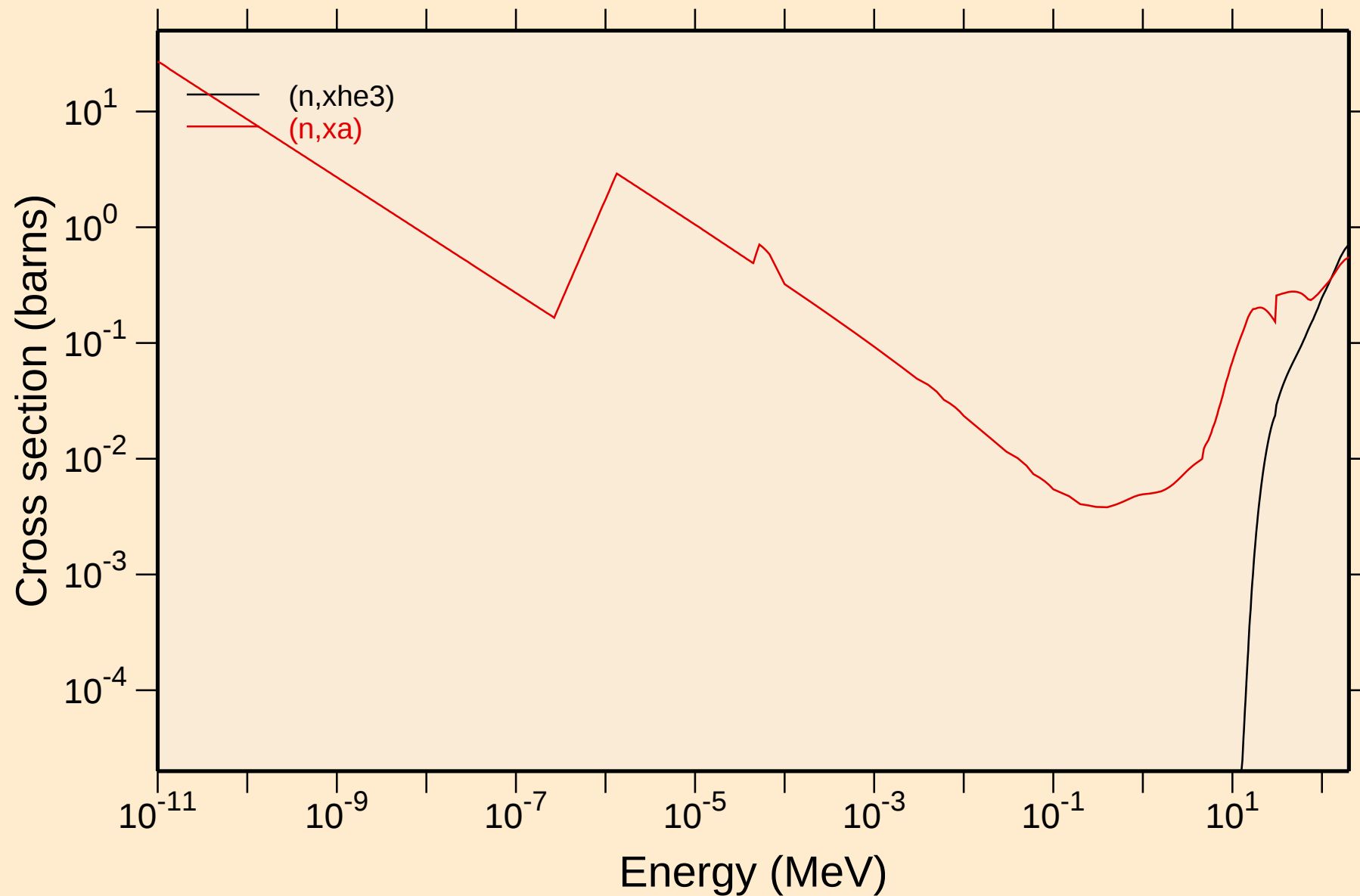


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

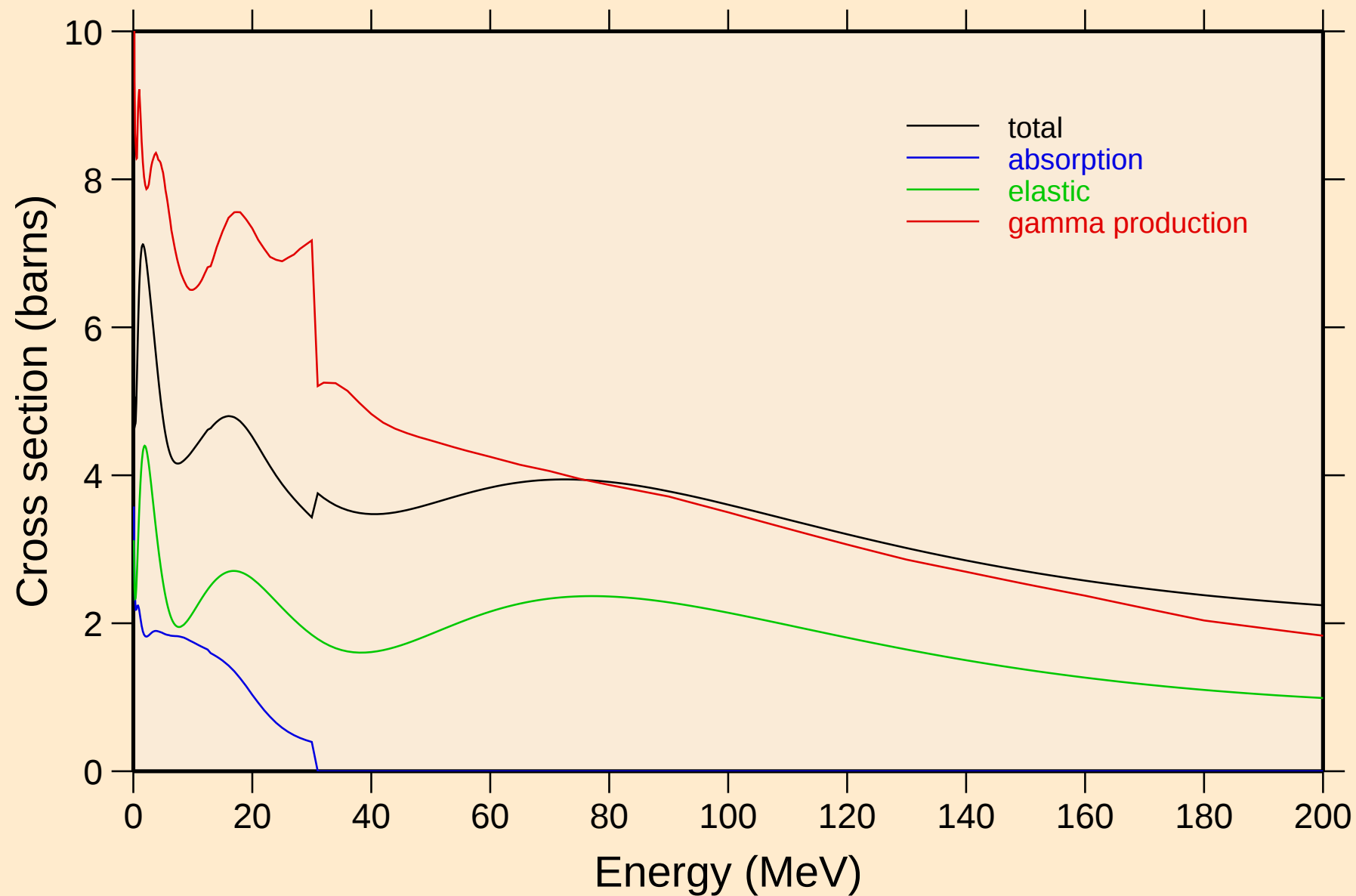


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



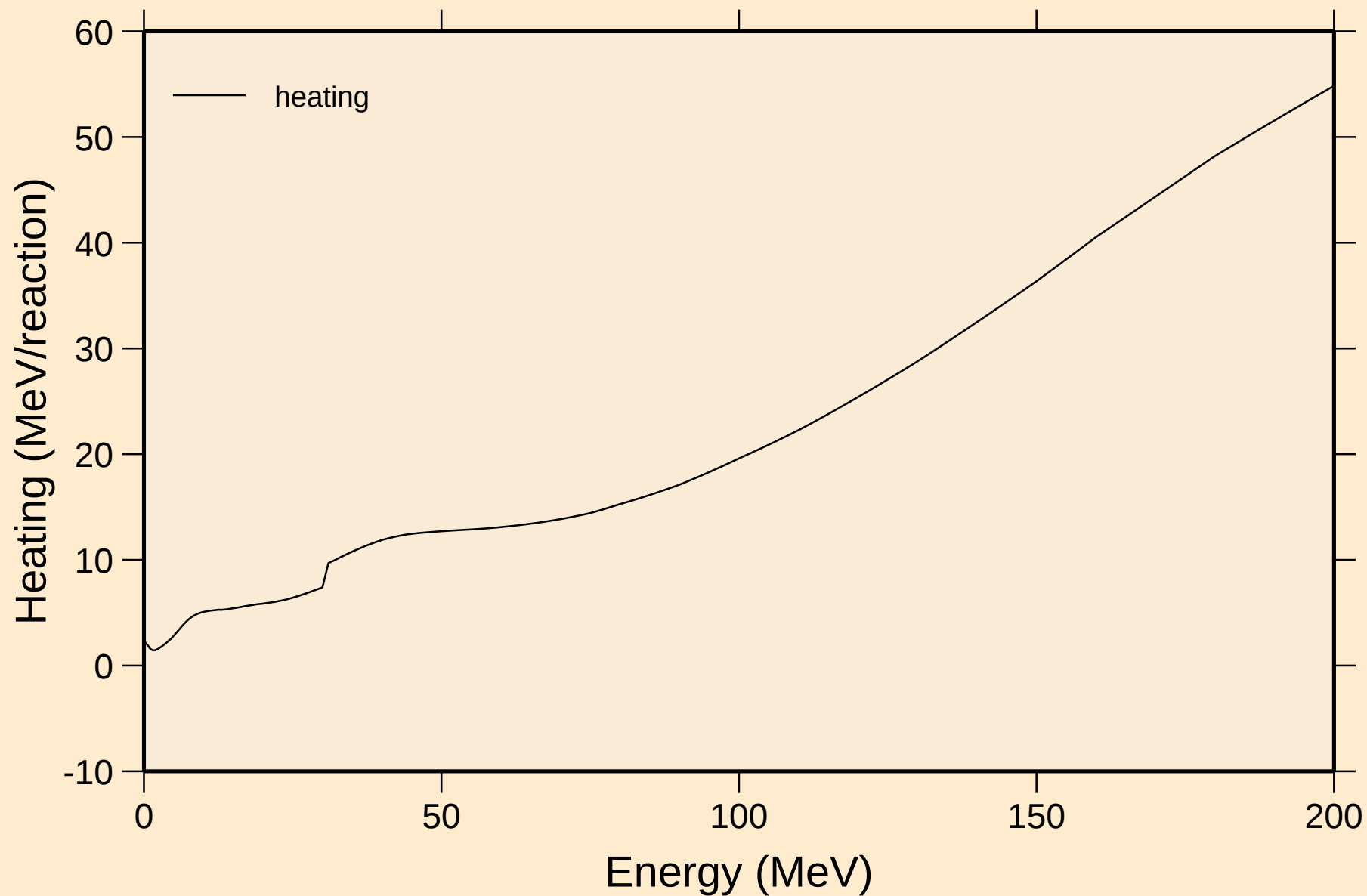
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



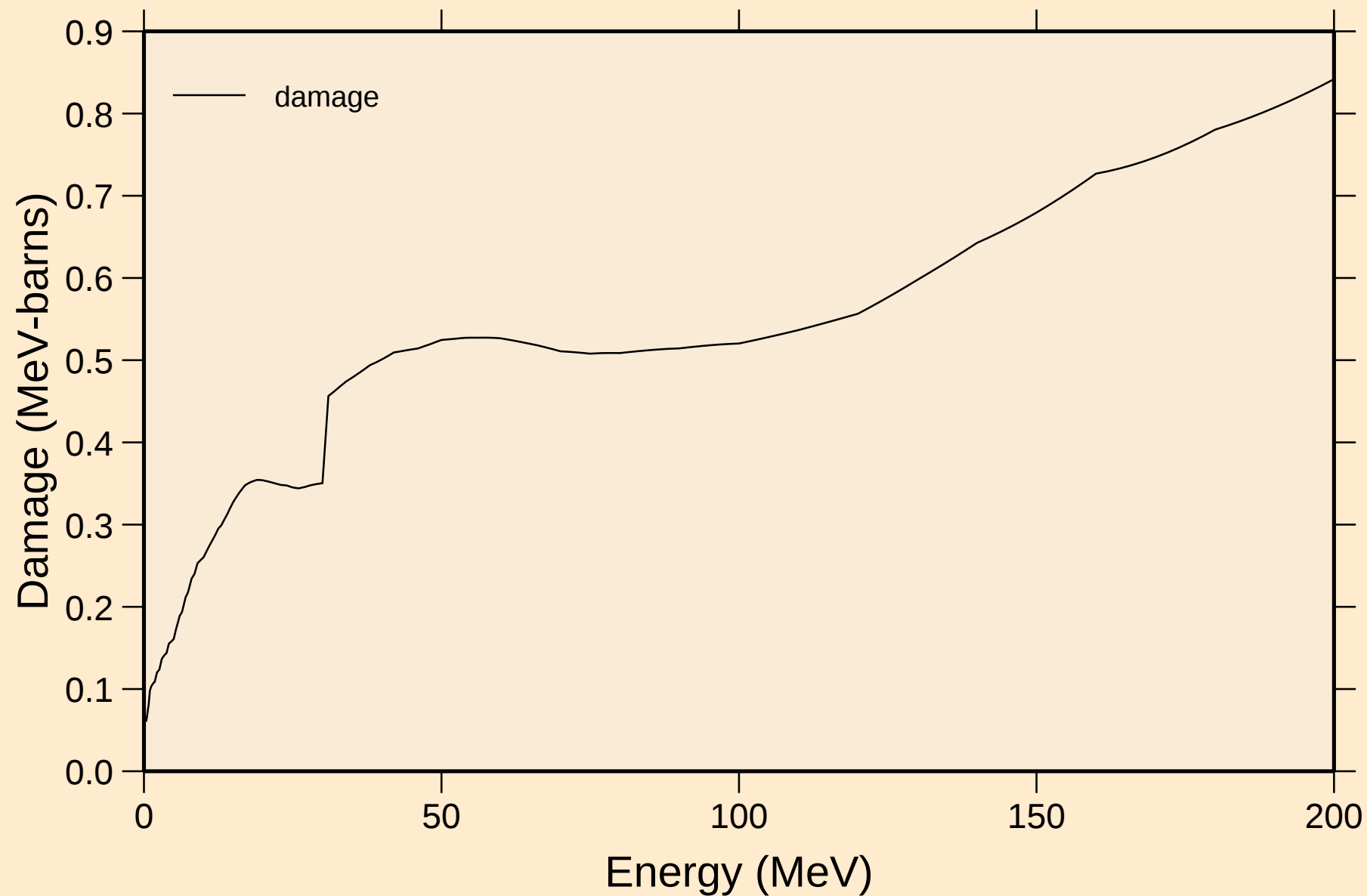
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



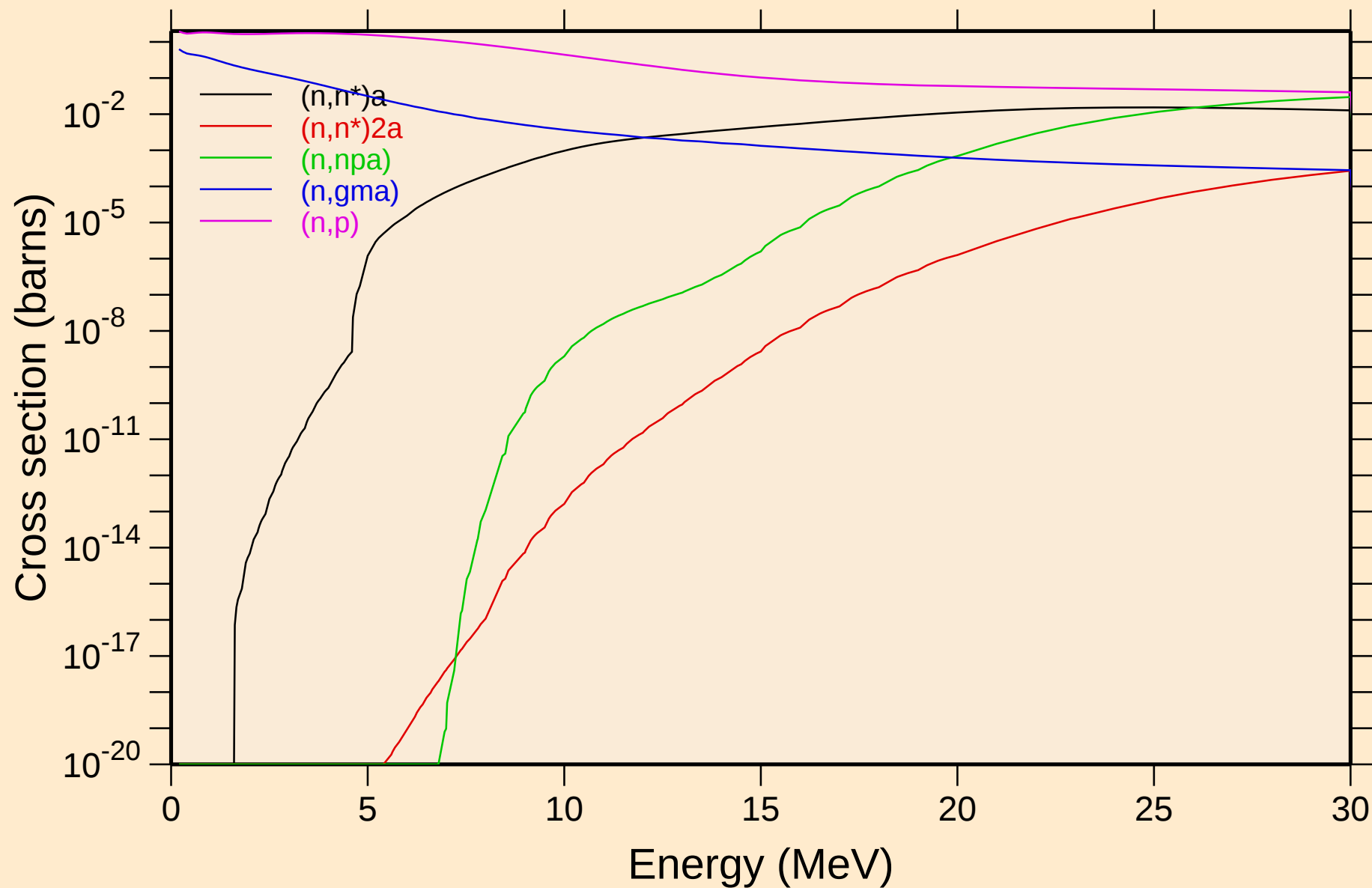
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Damage

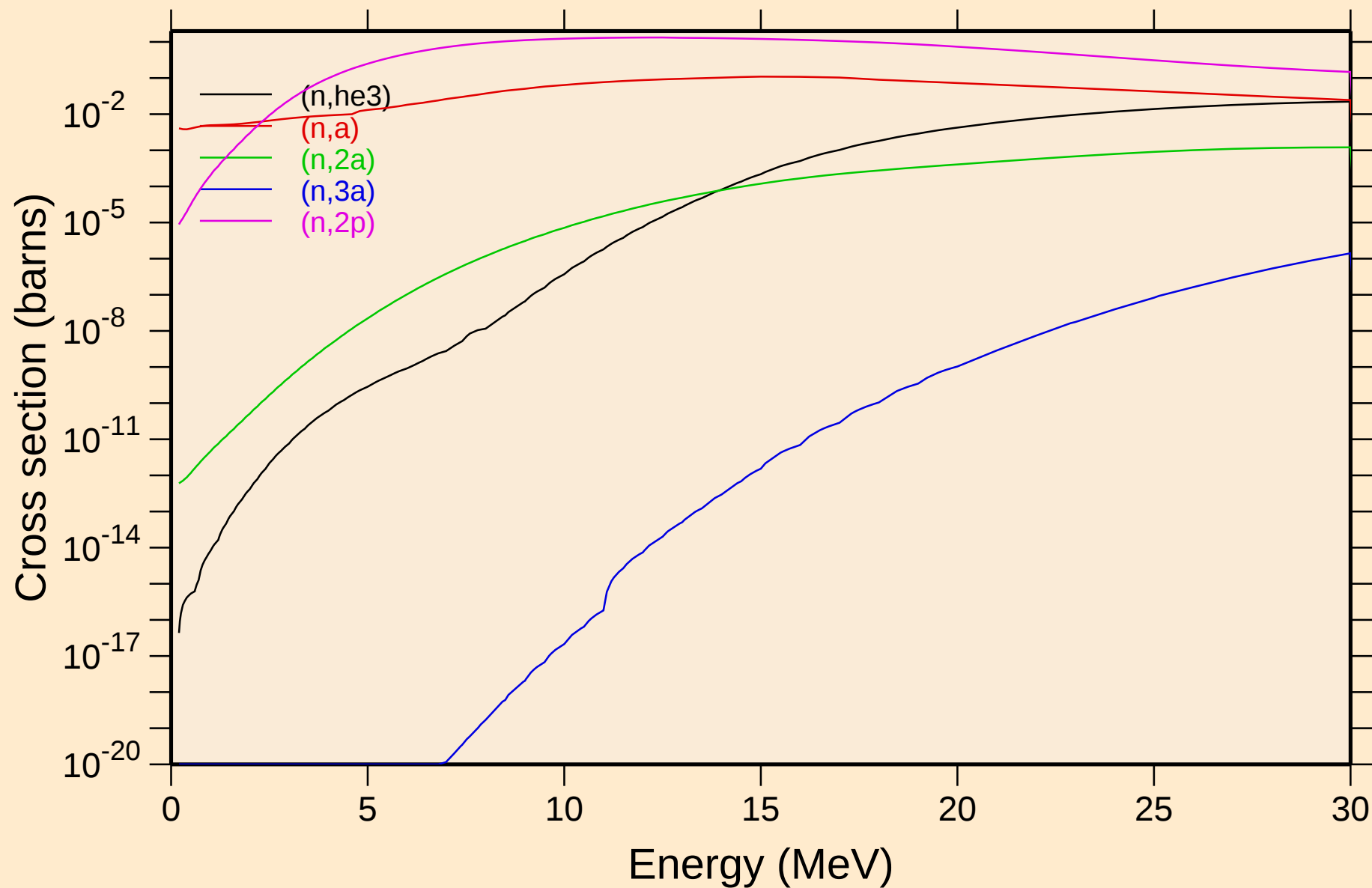


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

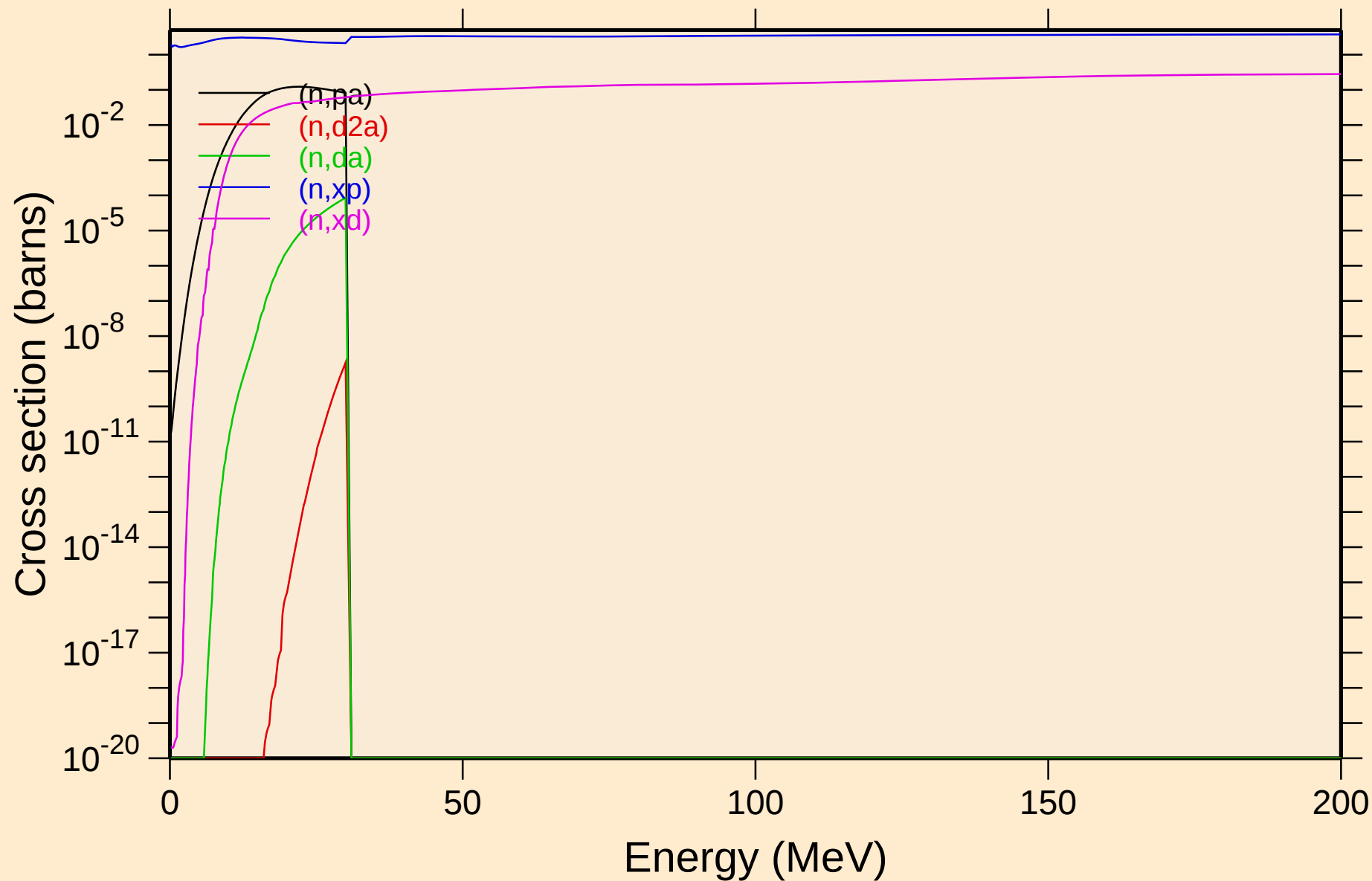


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

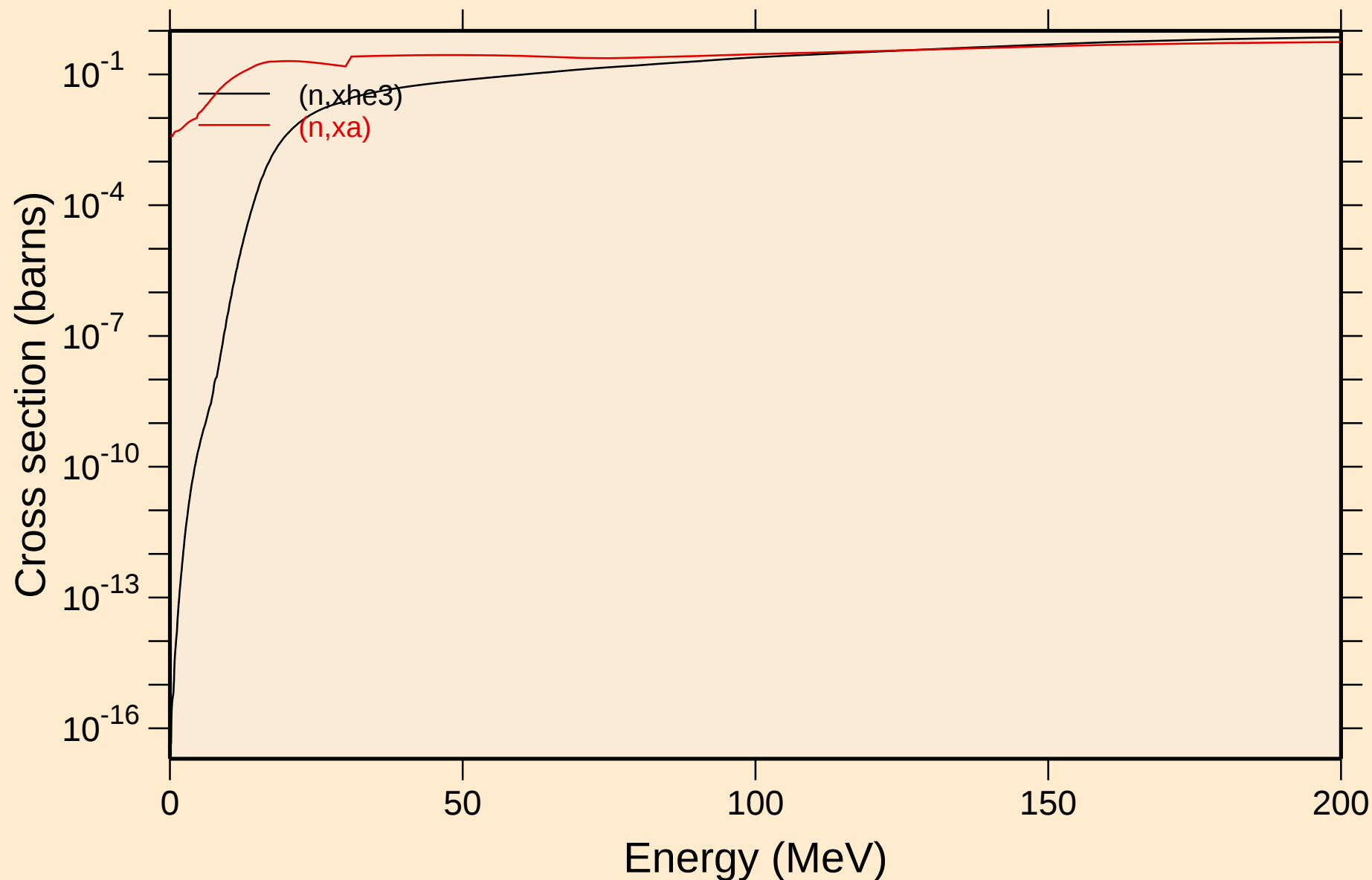


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

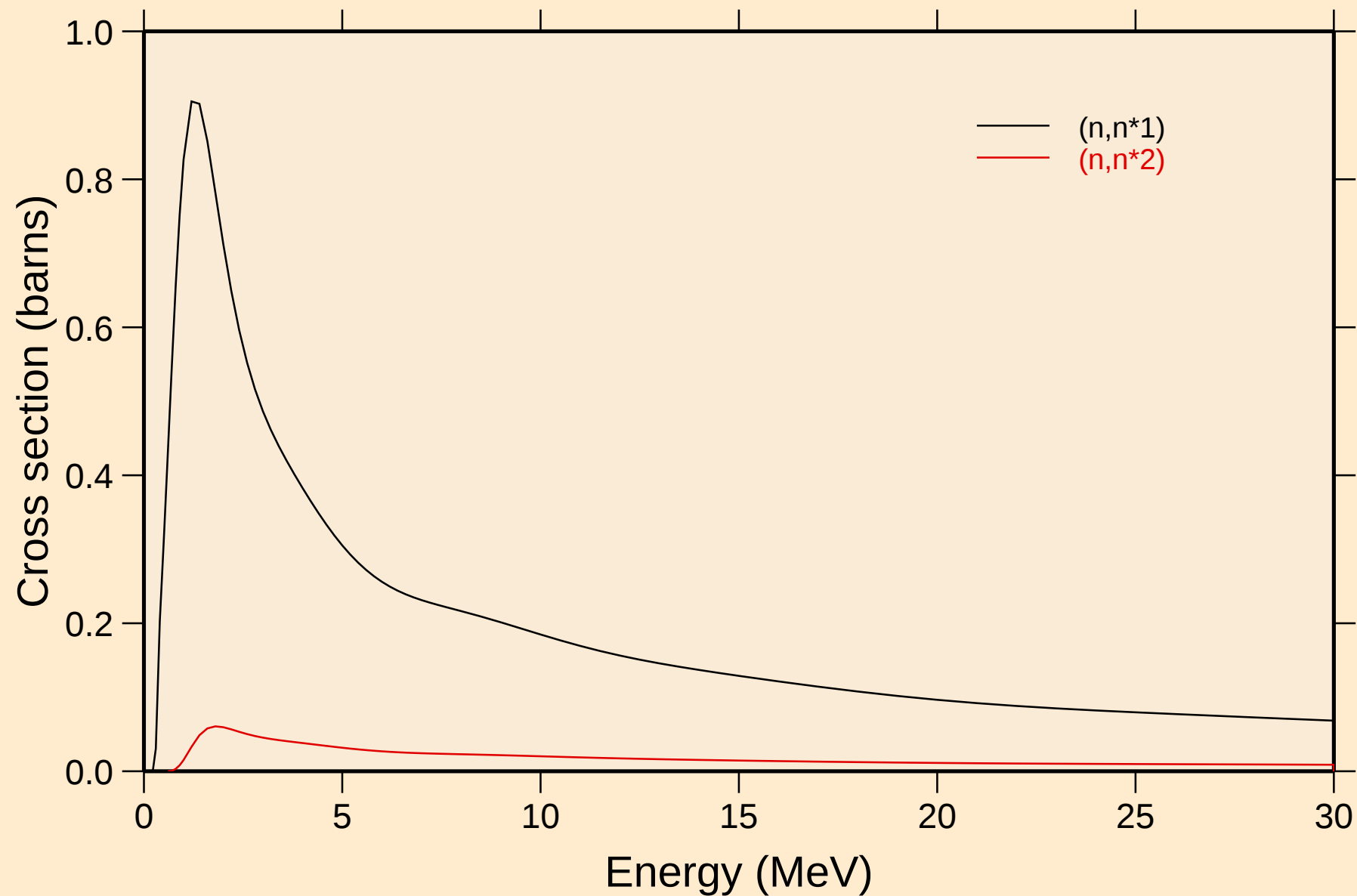


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



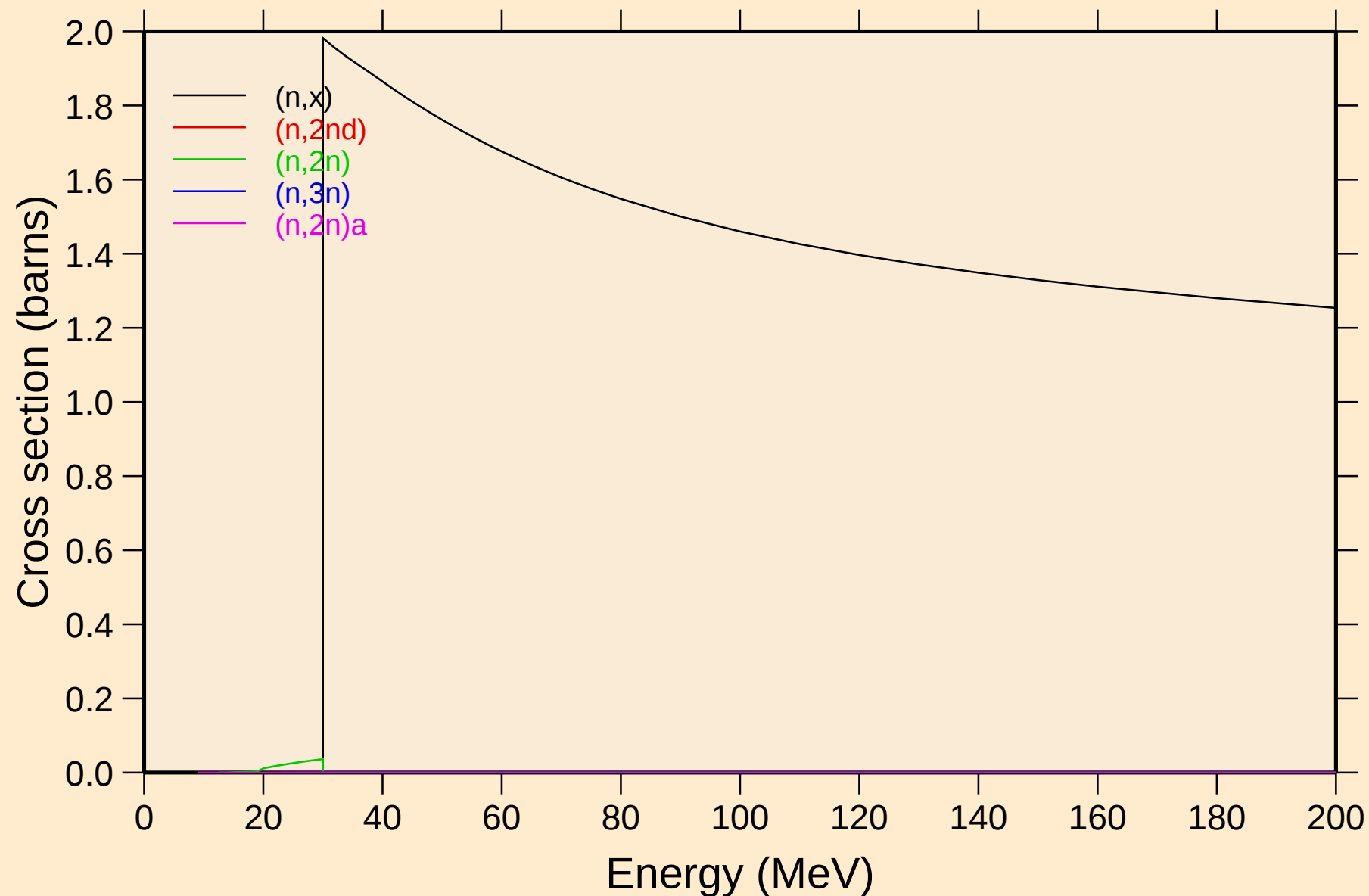
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Inelastic levels



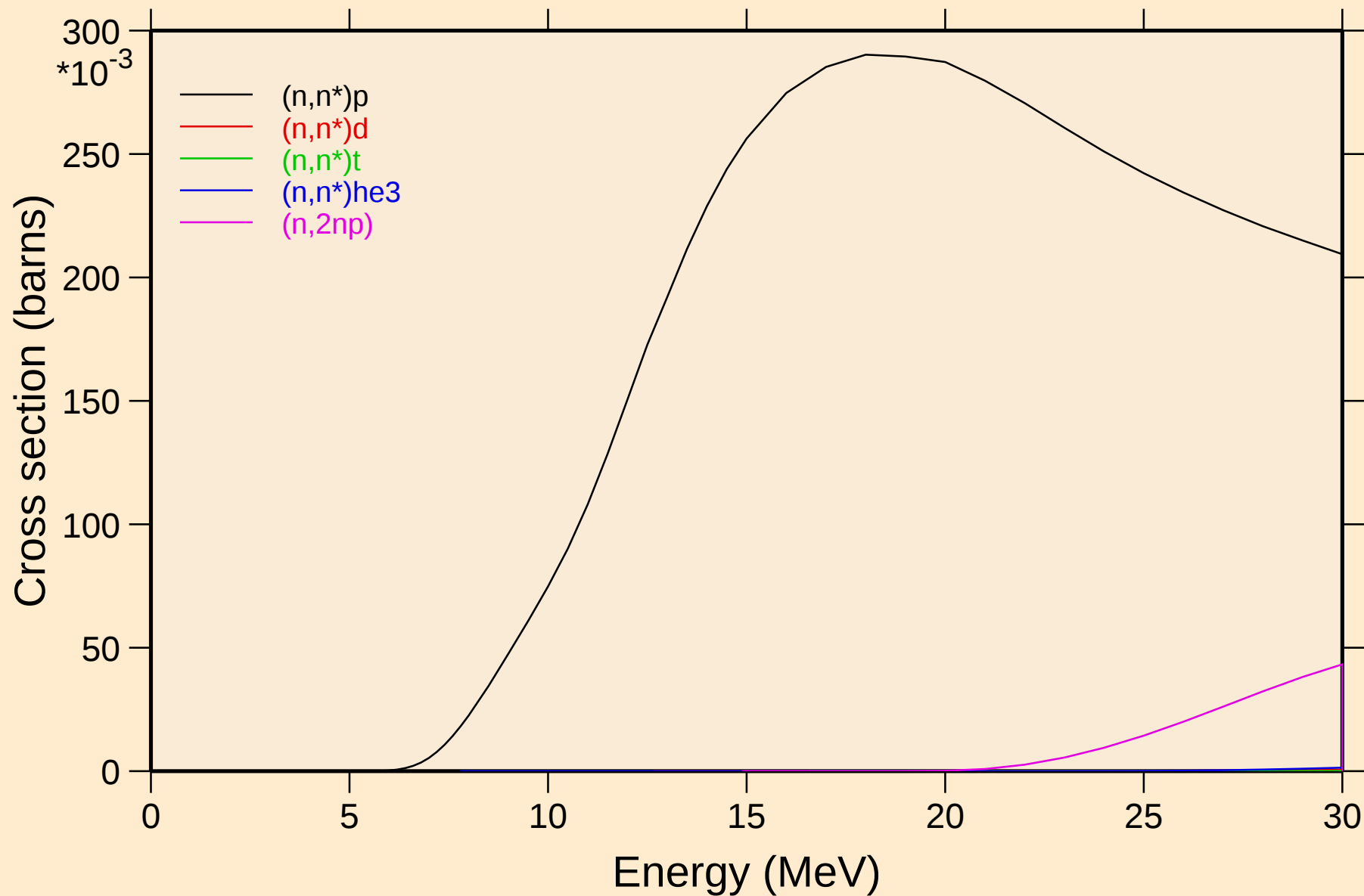
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



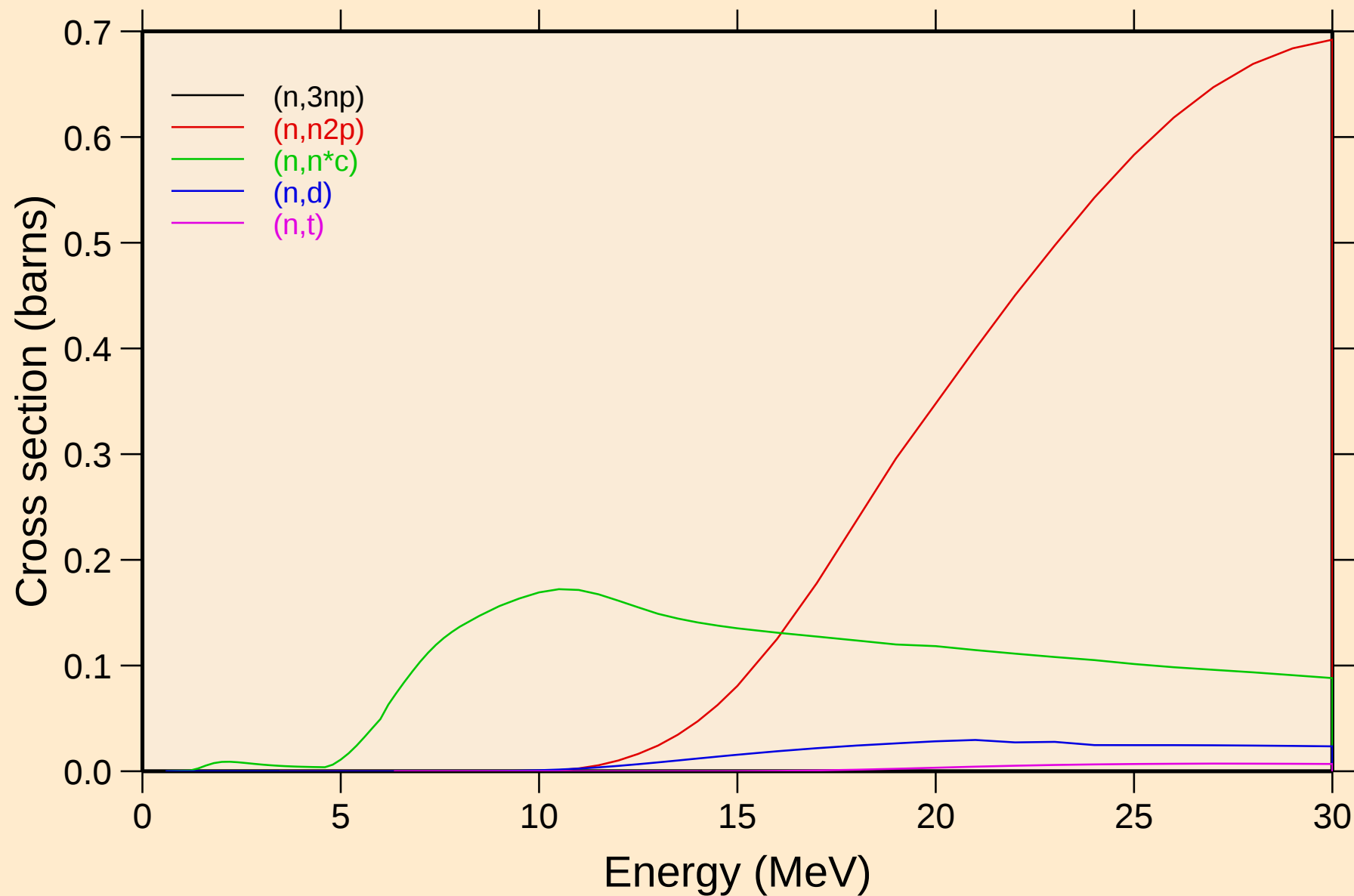
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Threshold reactions



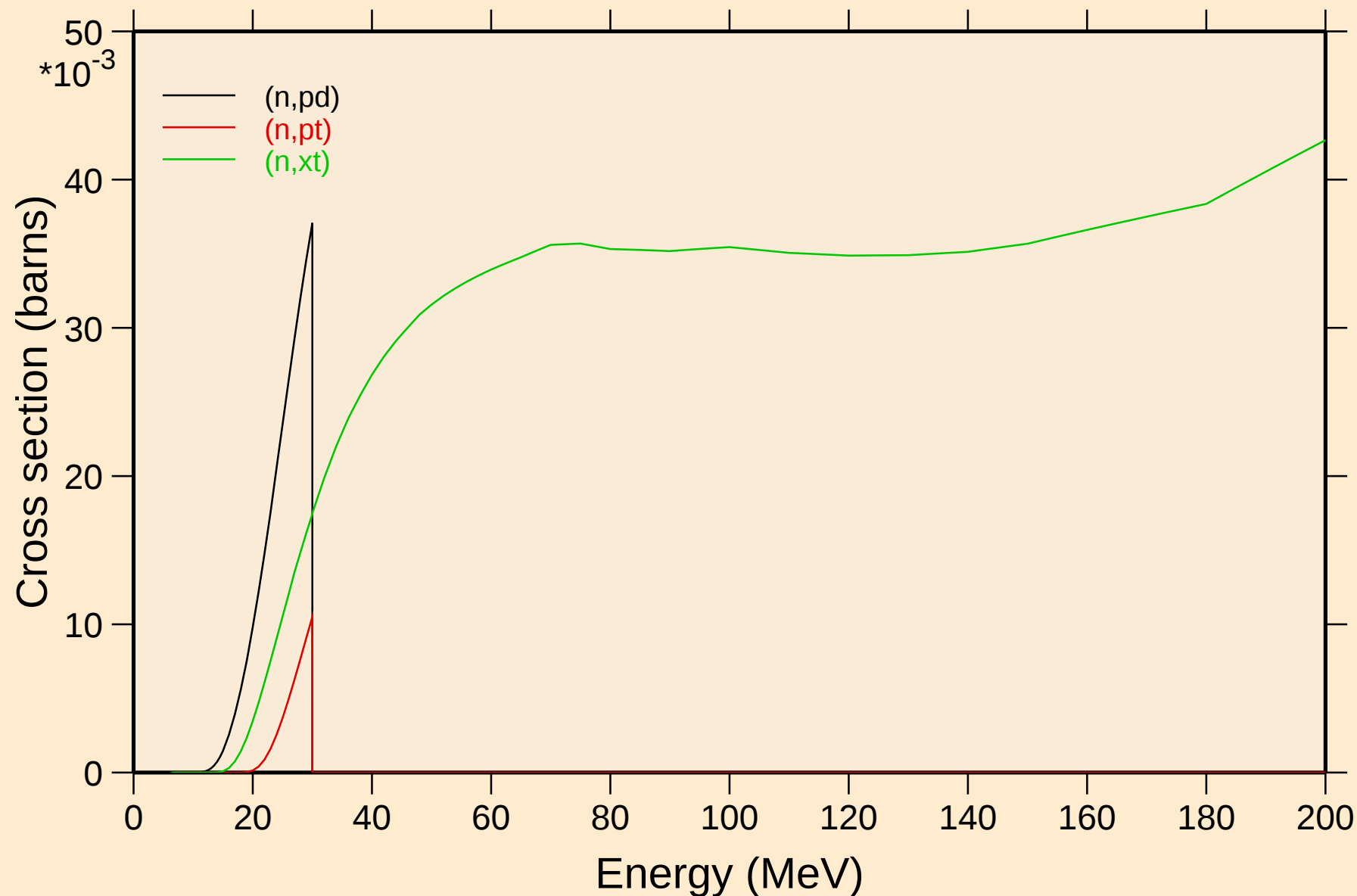
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

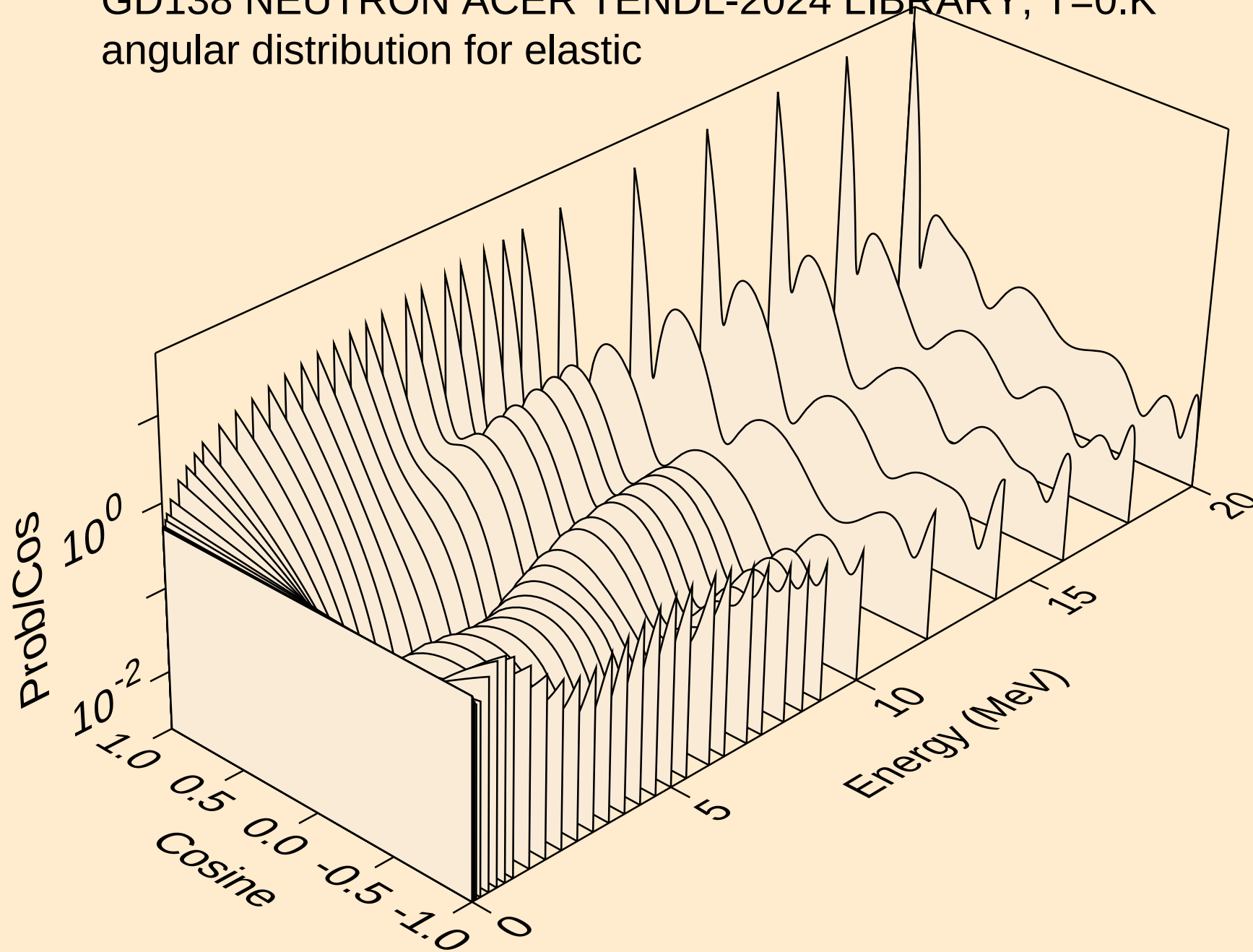


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

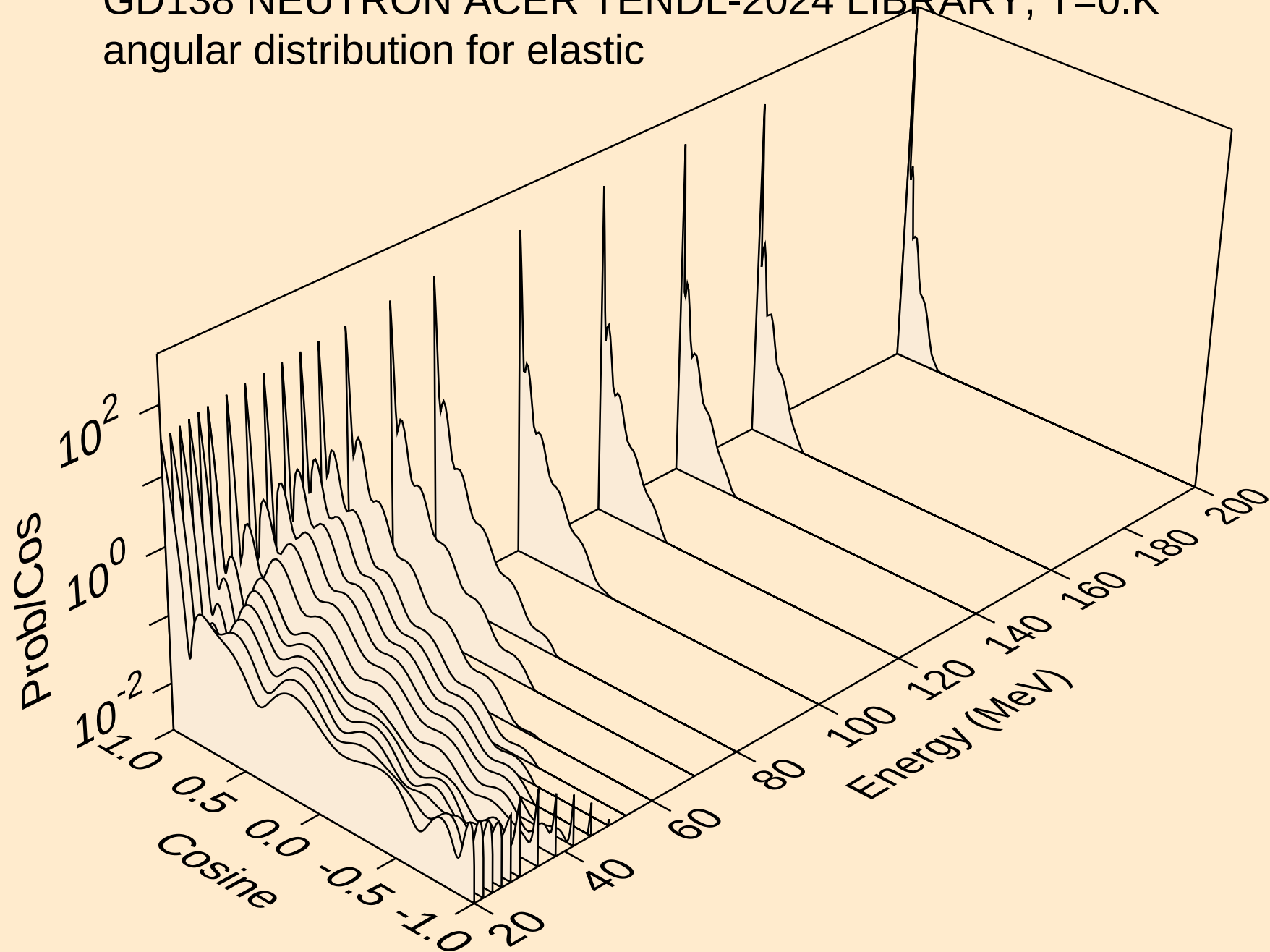
Threshold reactions



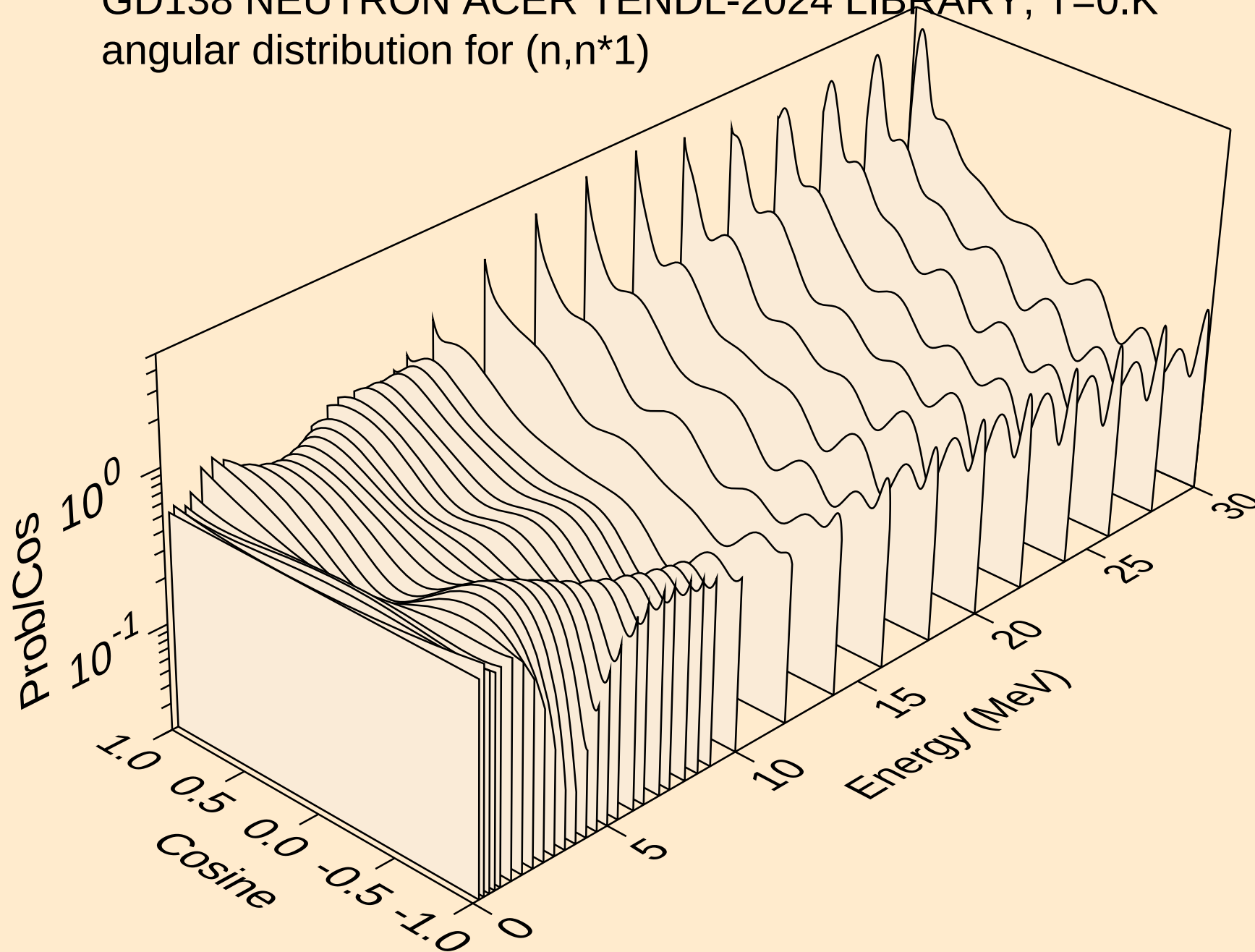
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



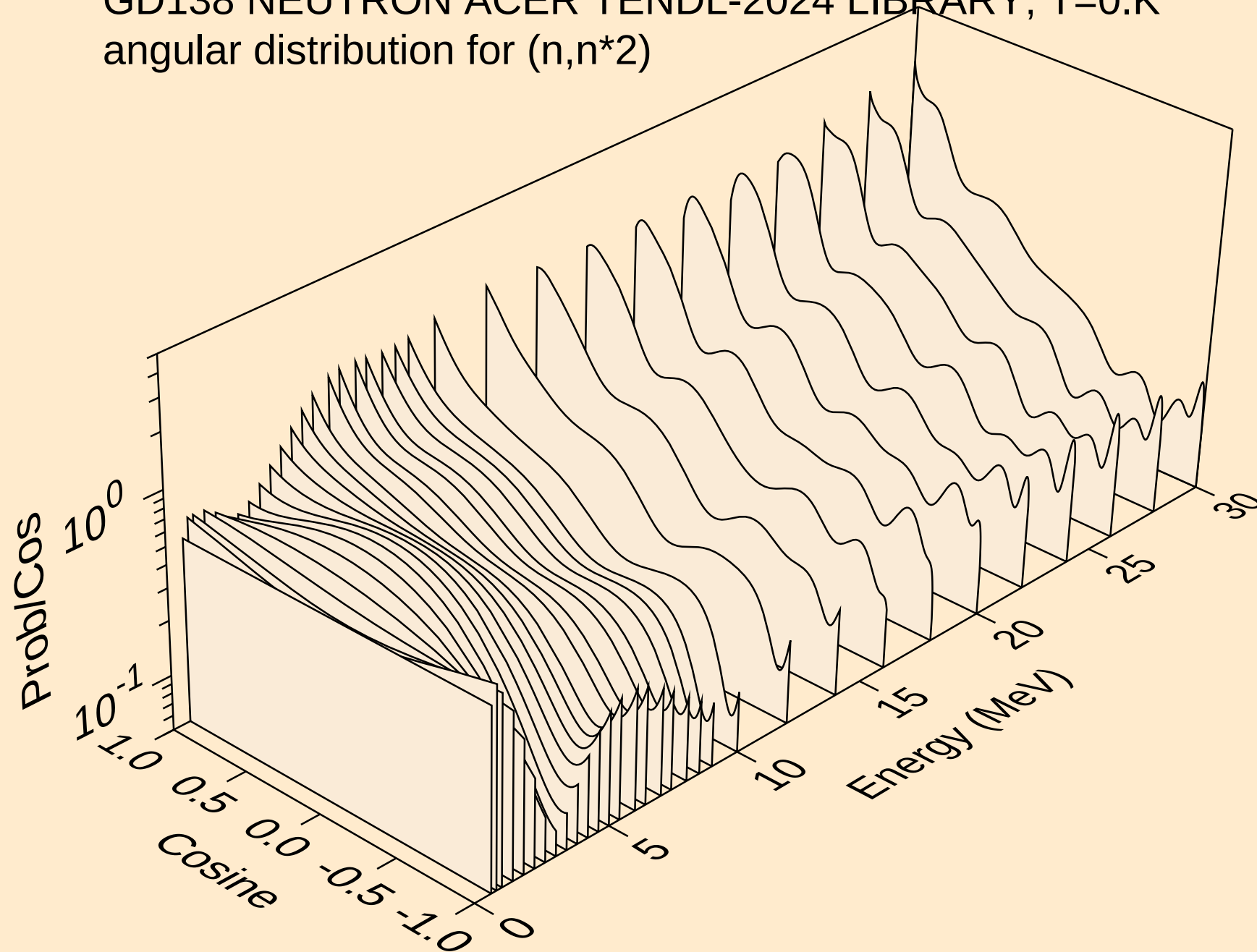
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



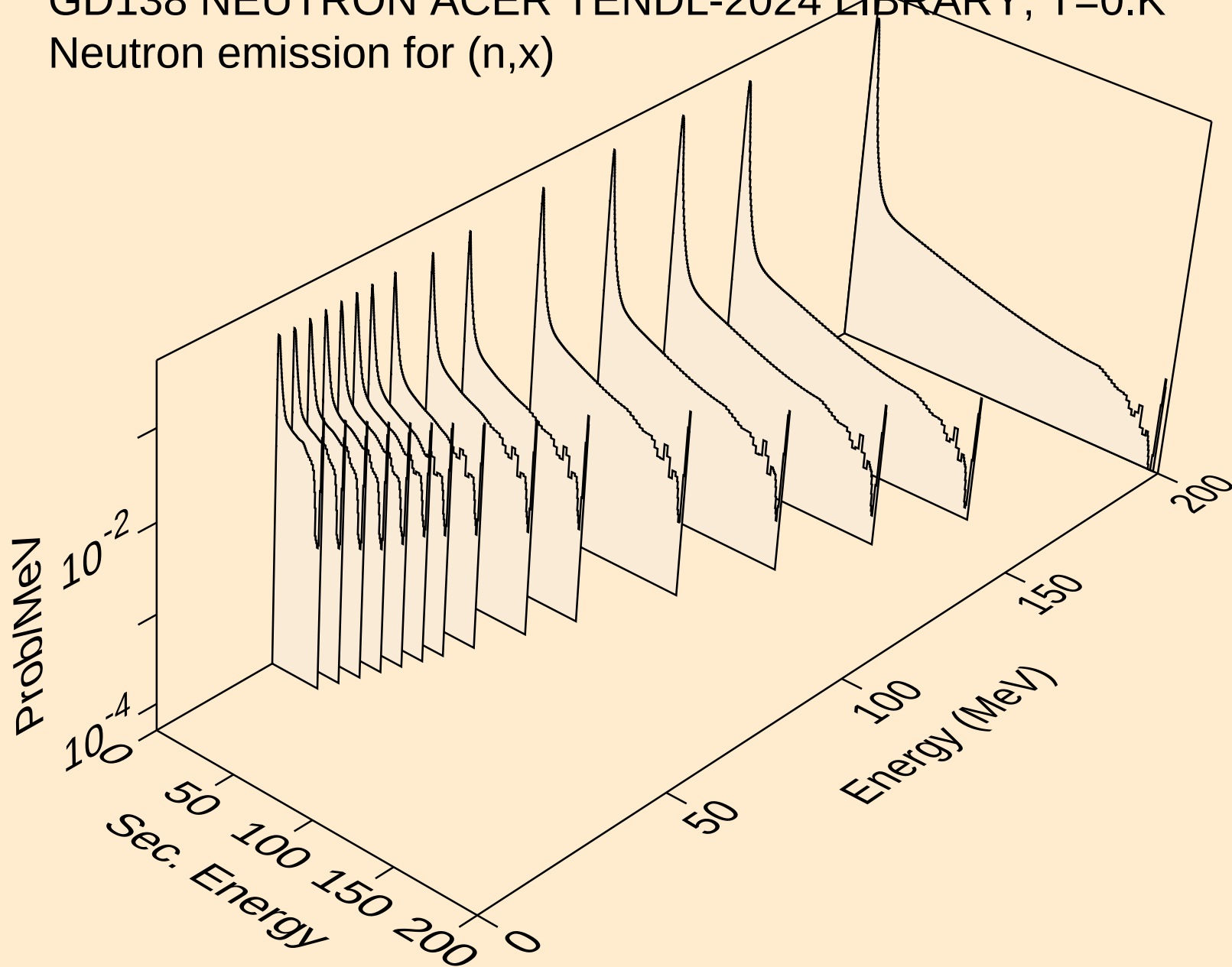
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
angular distribution for (n,n*1)



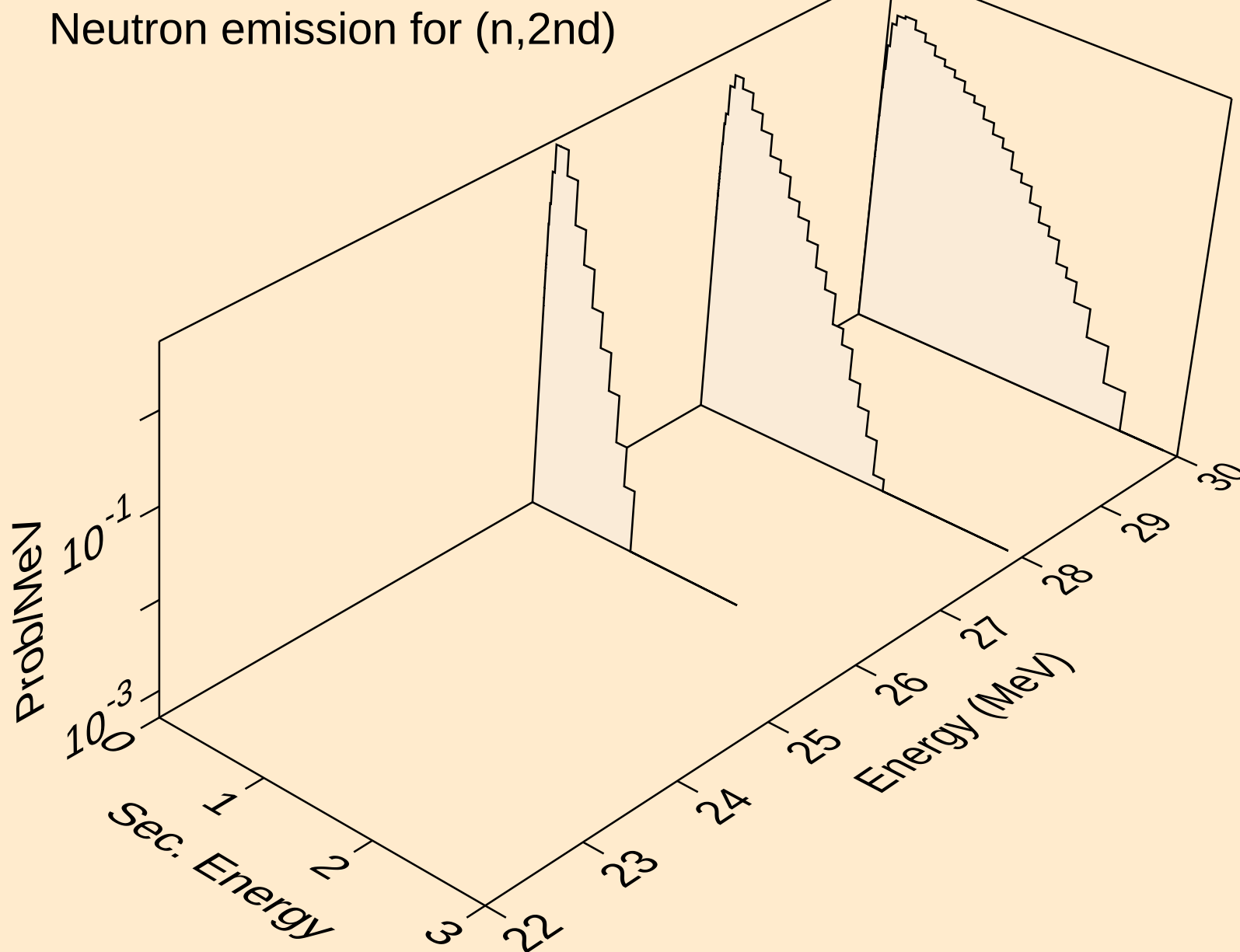
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



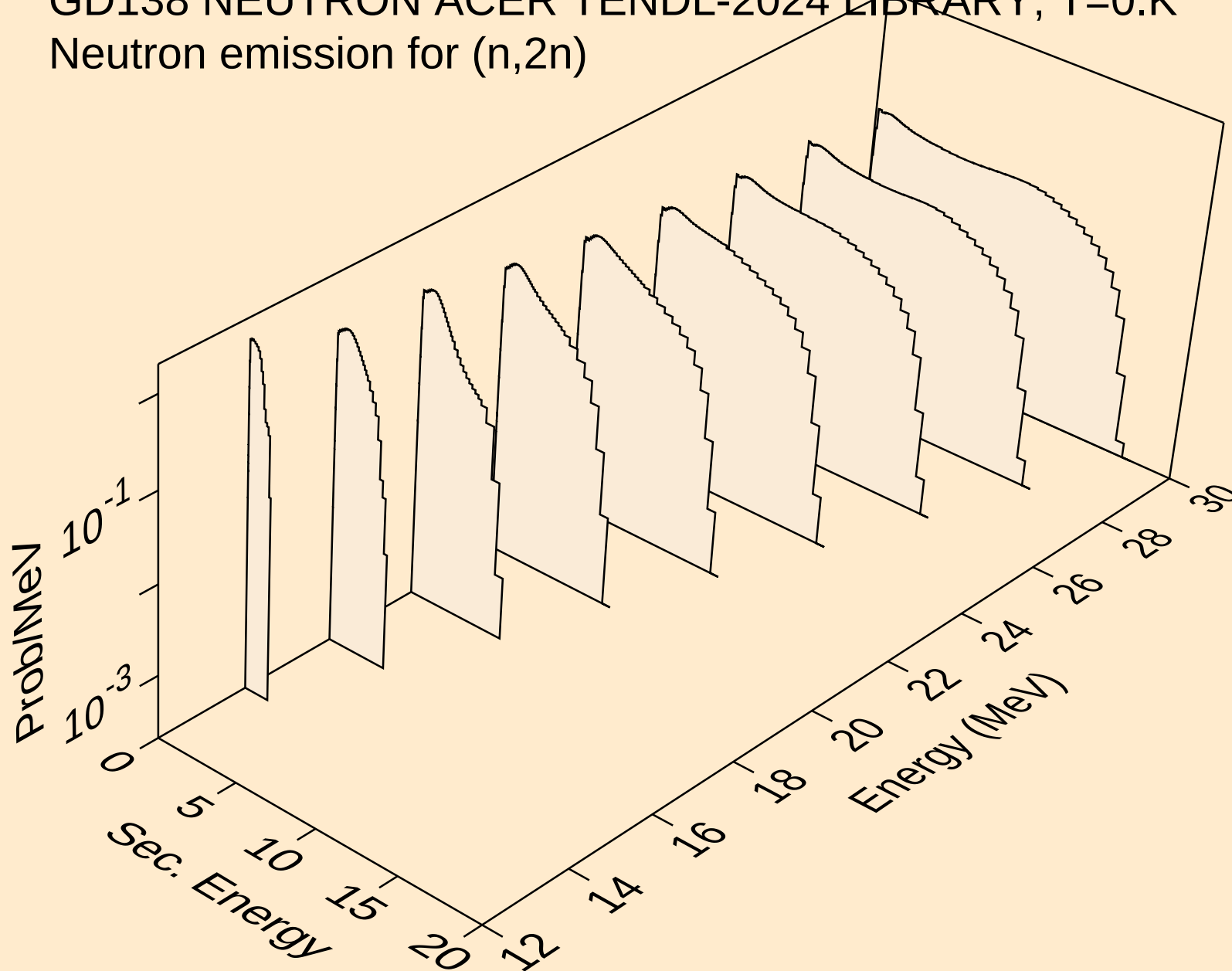
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



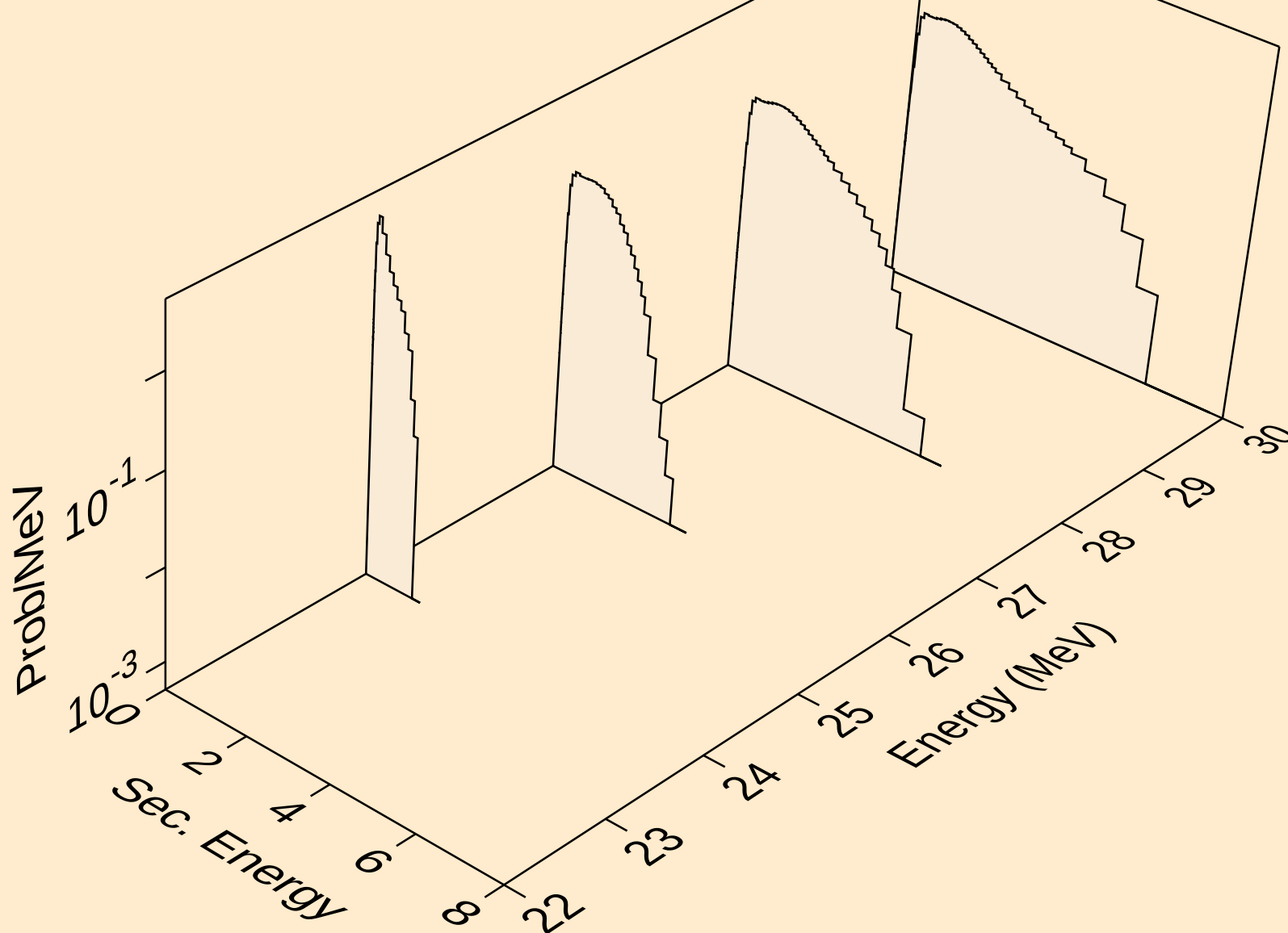
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



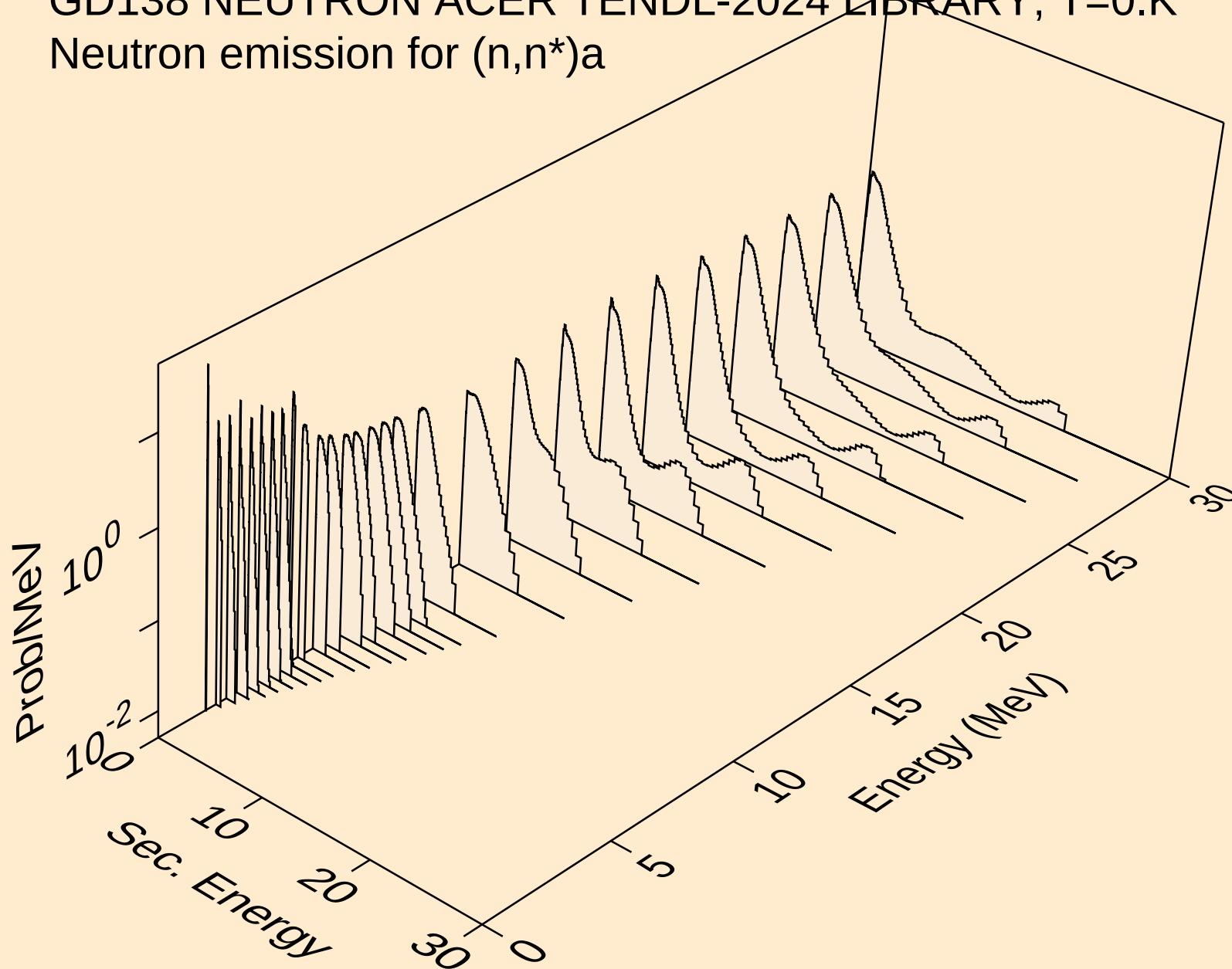
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



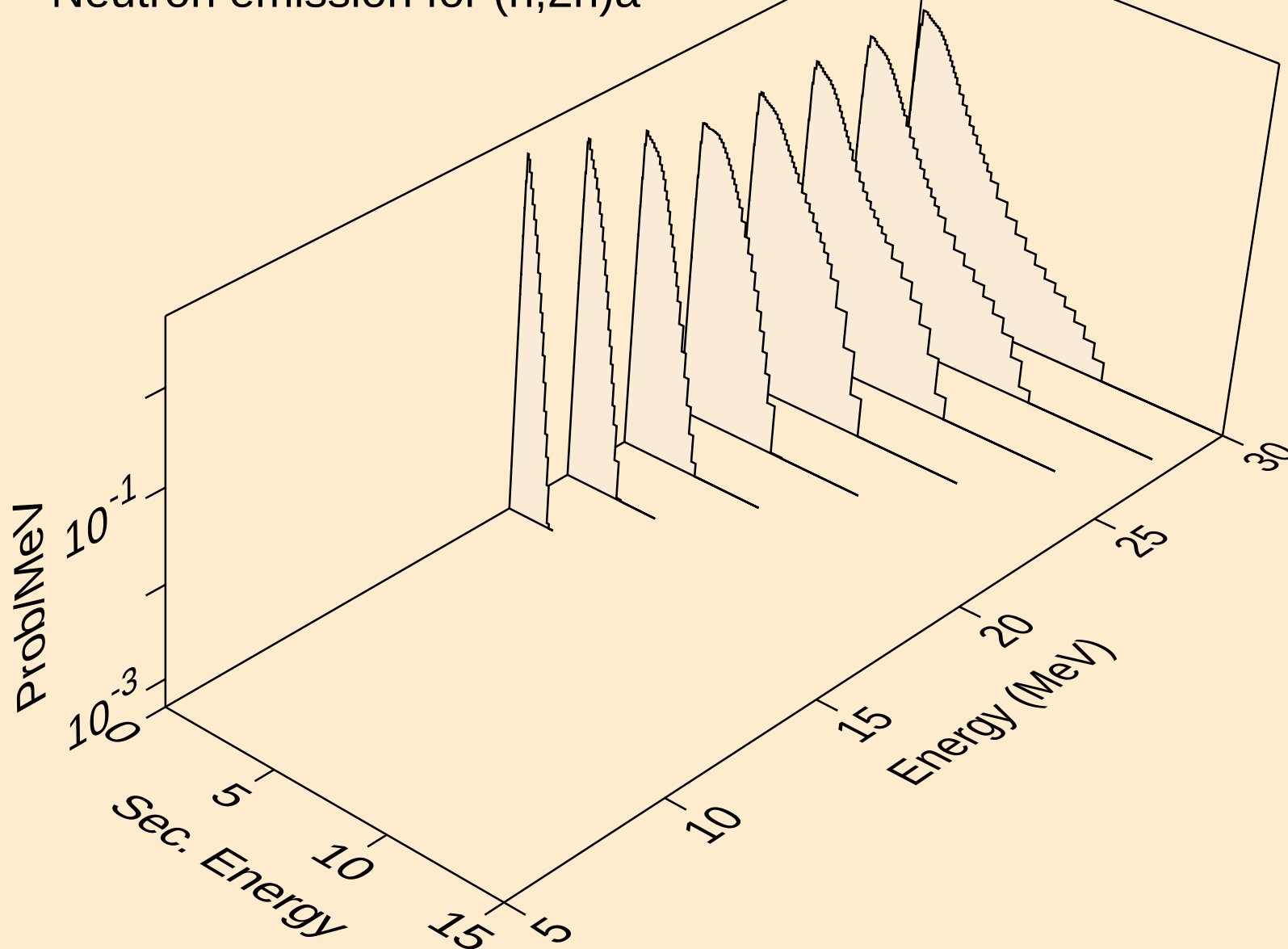
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



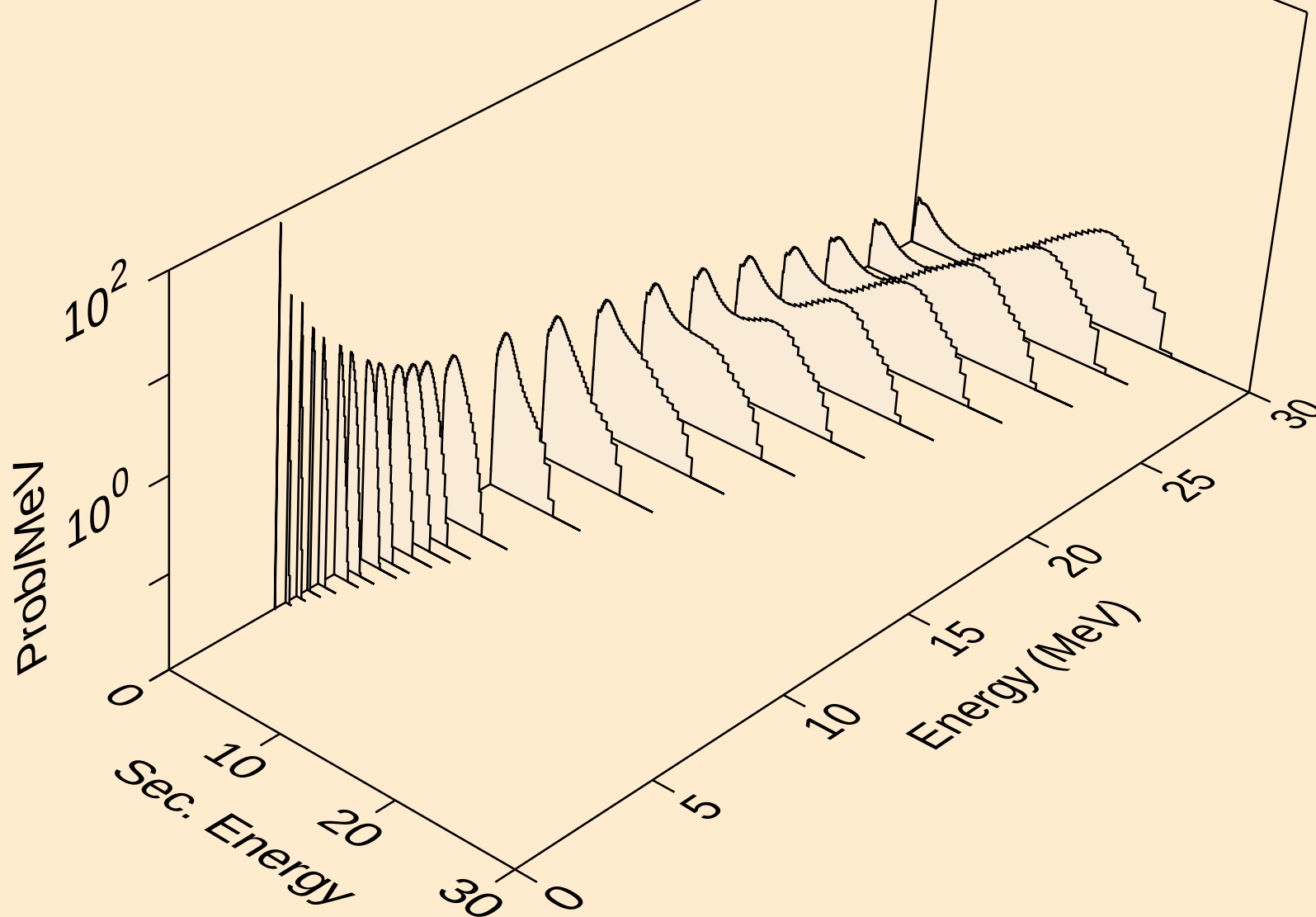
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



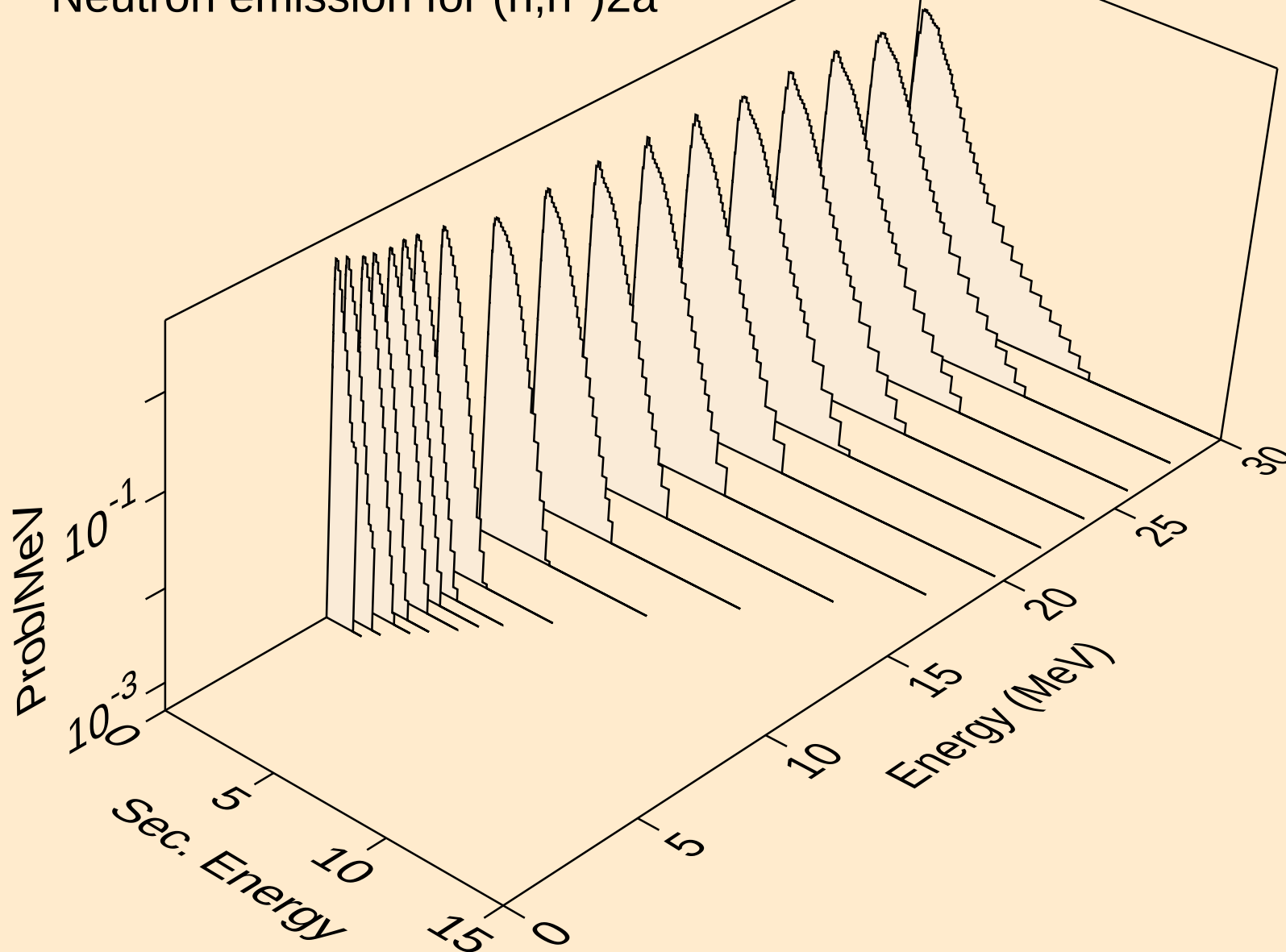
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



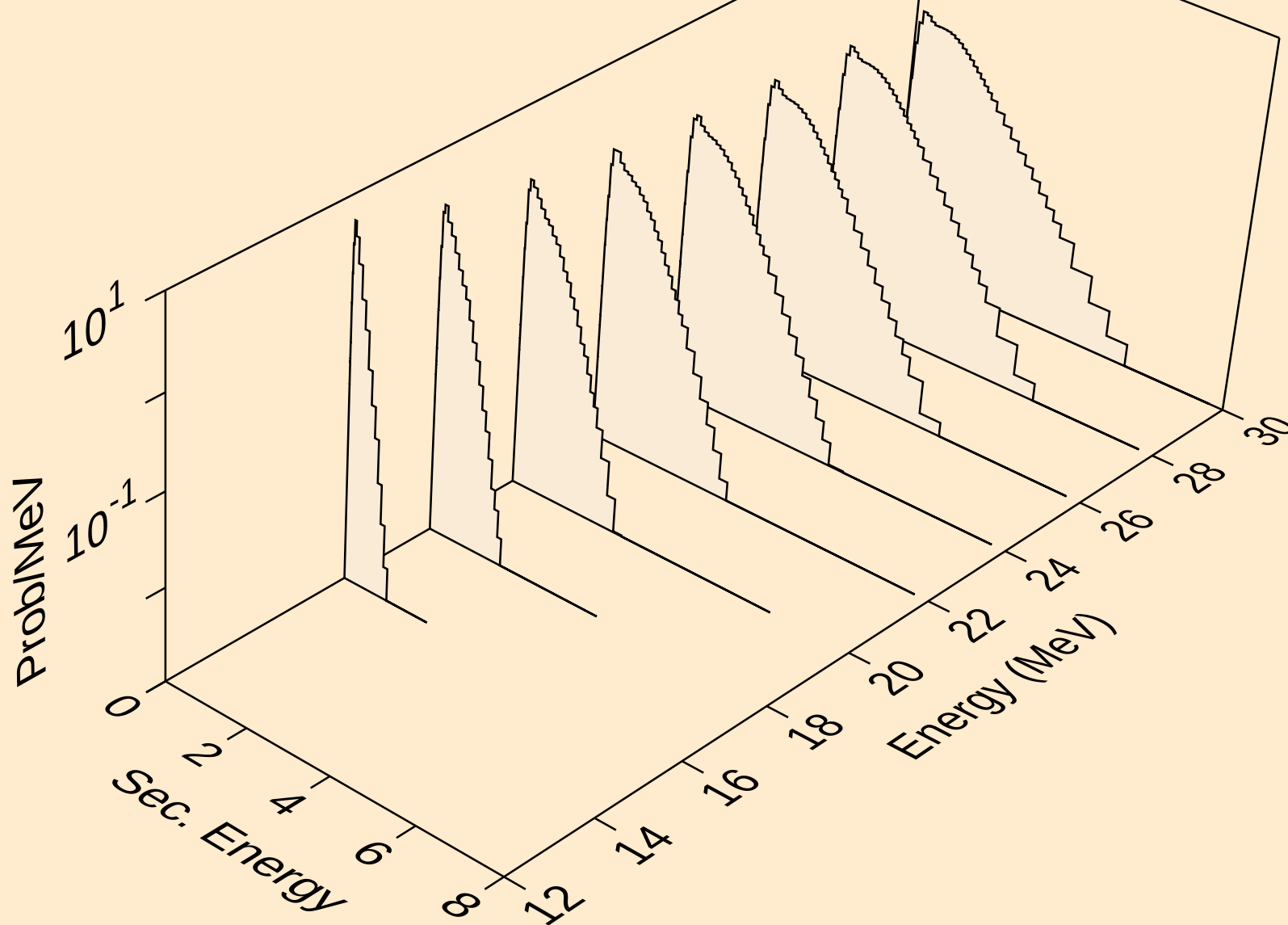
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



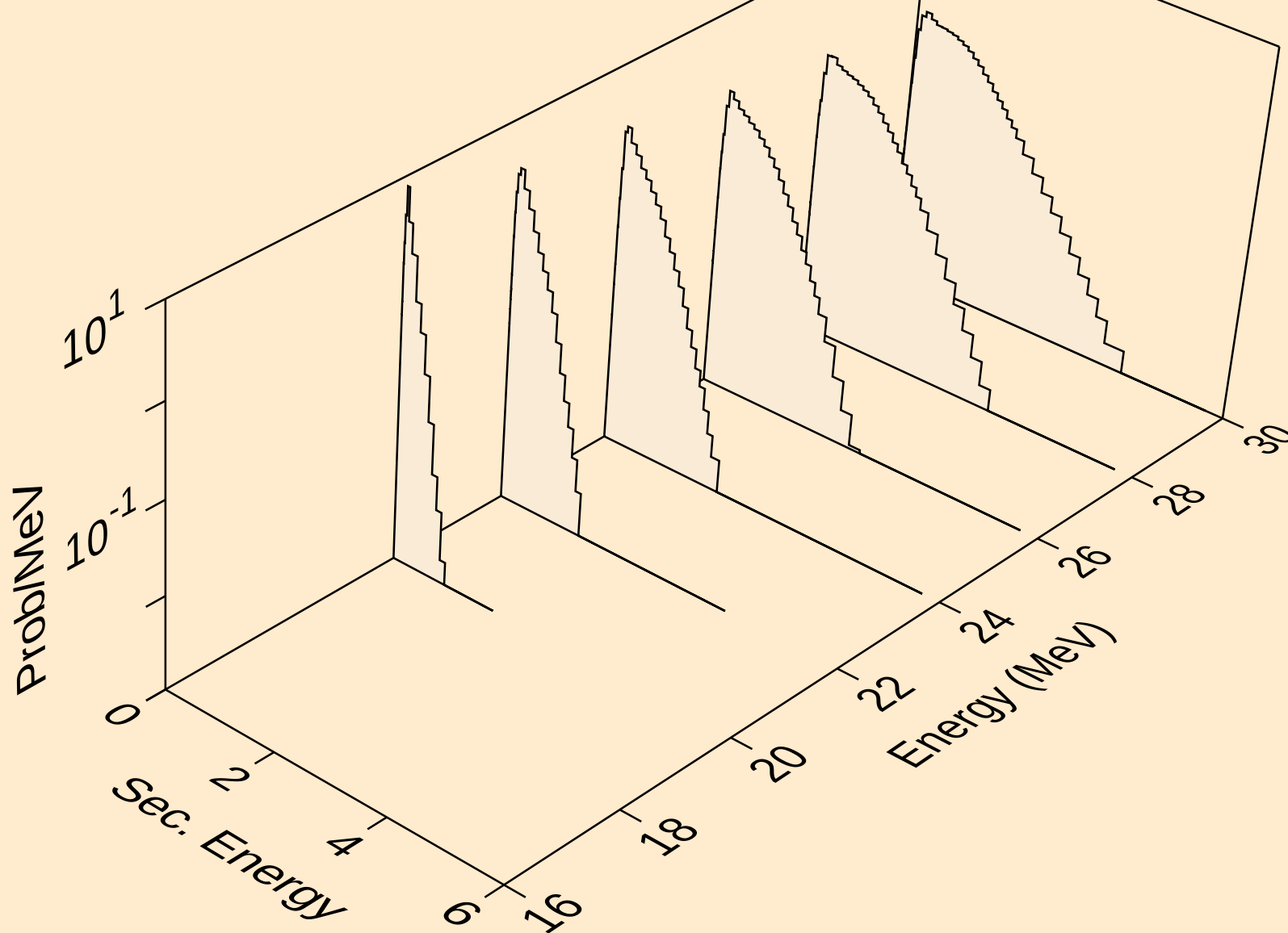
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



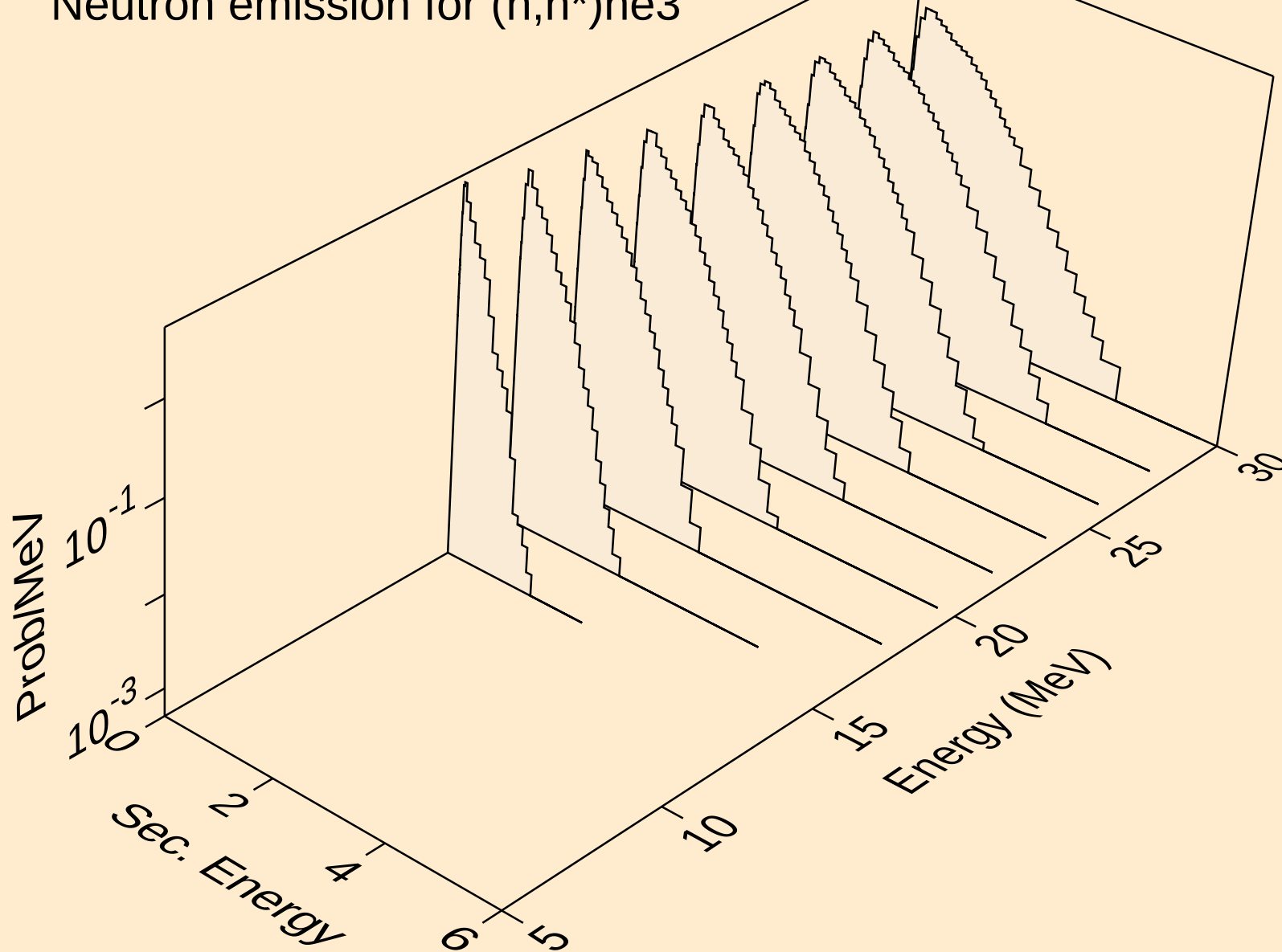
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



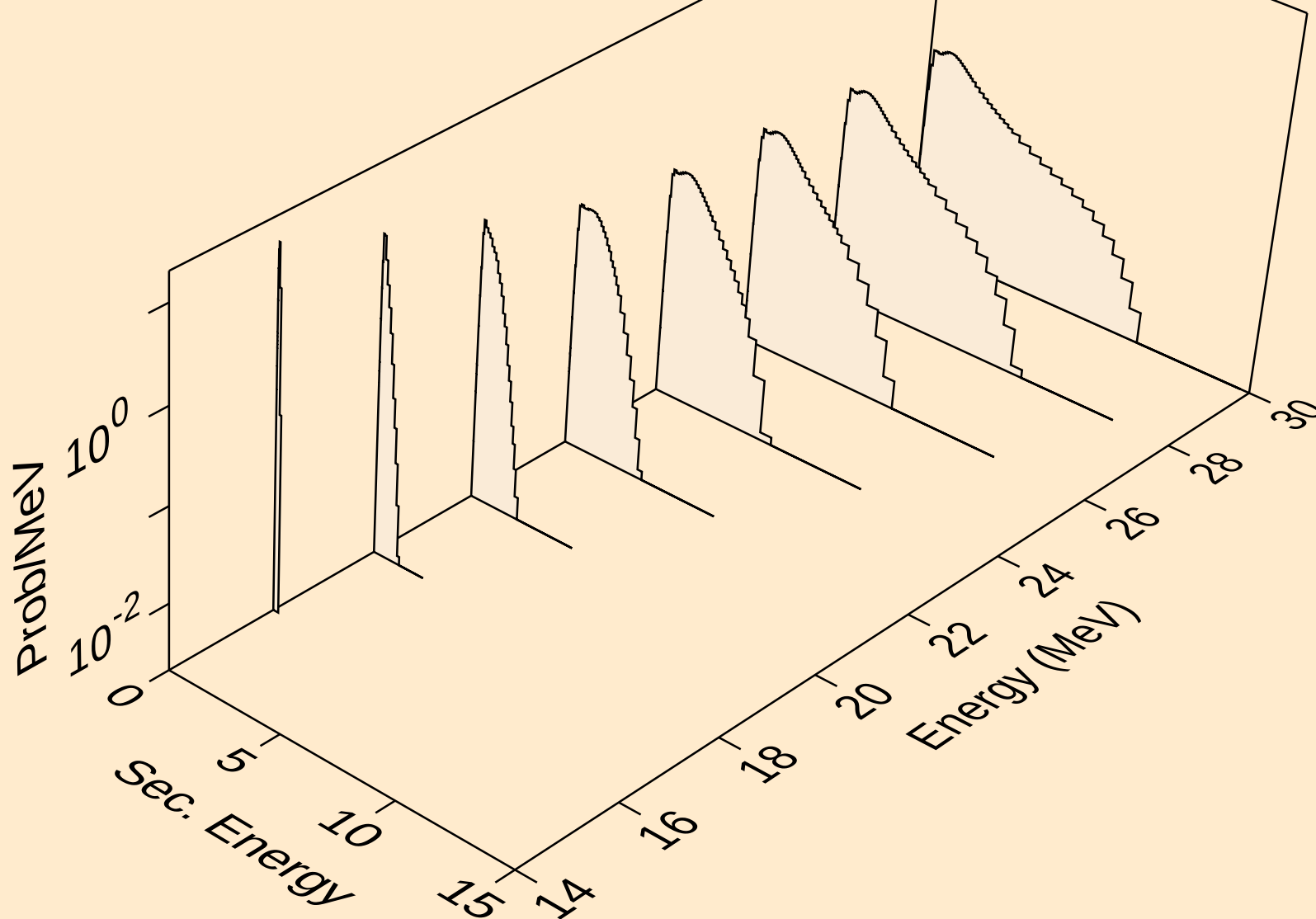
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



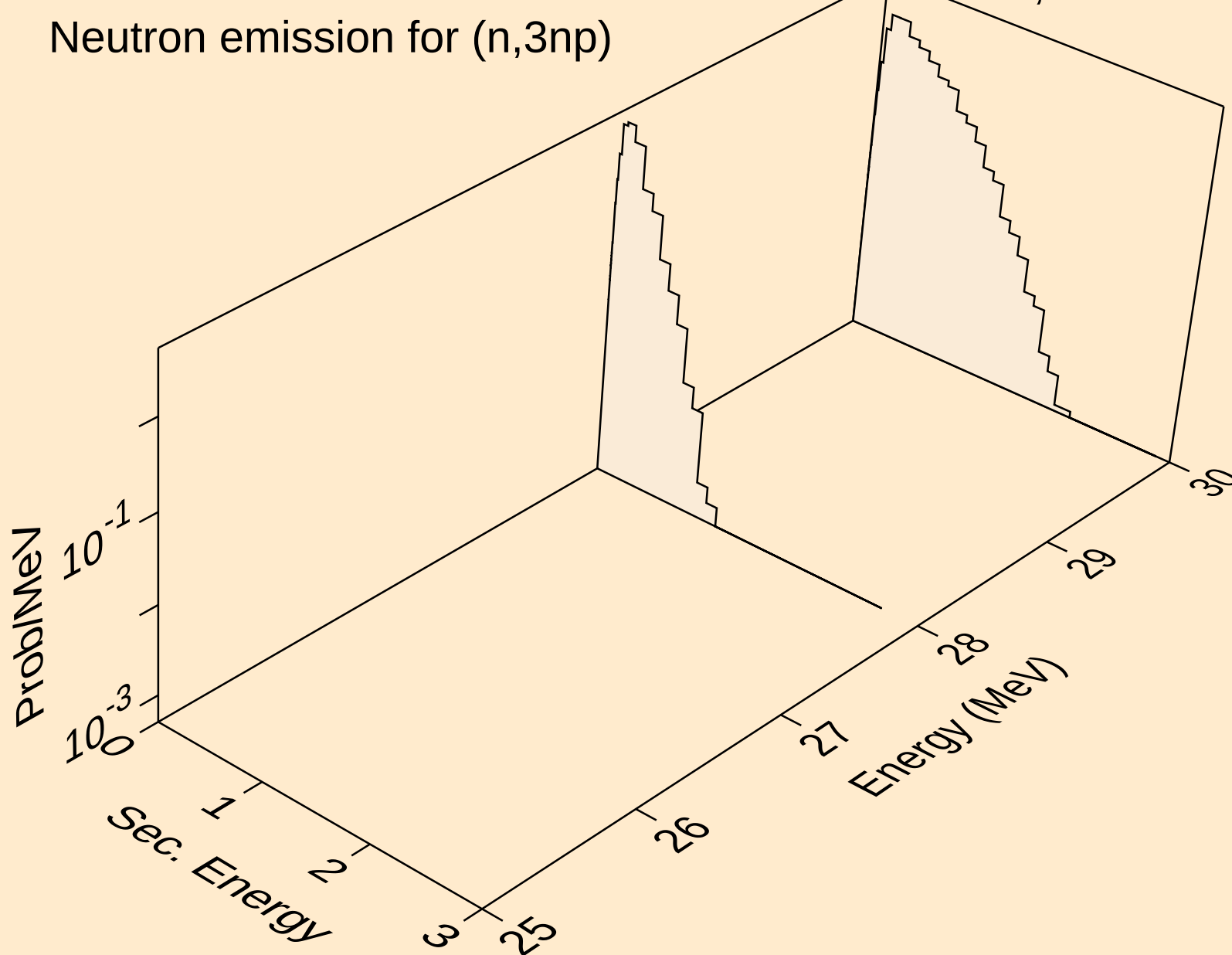
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



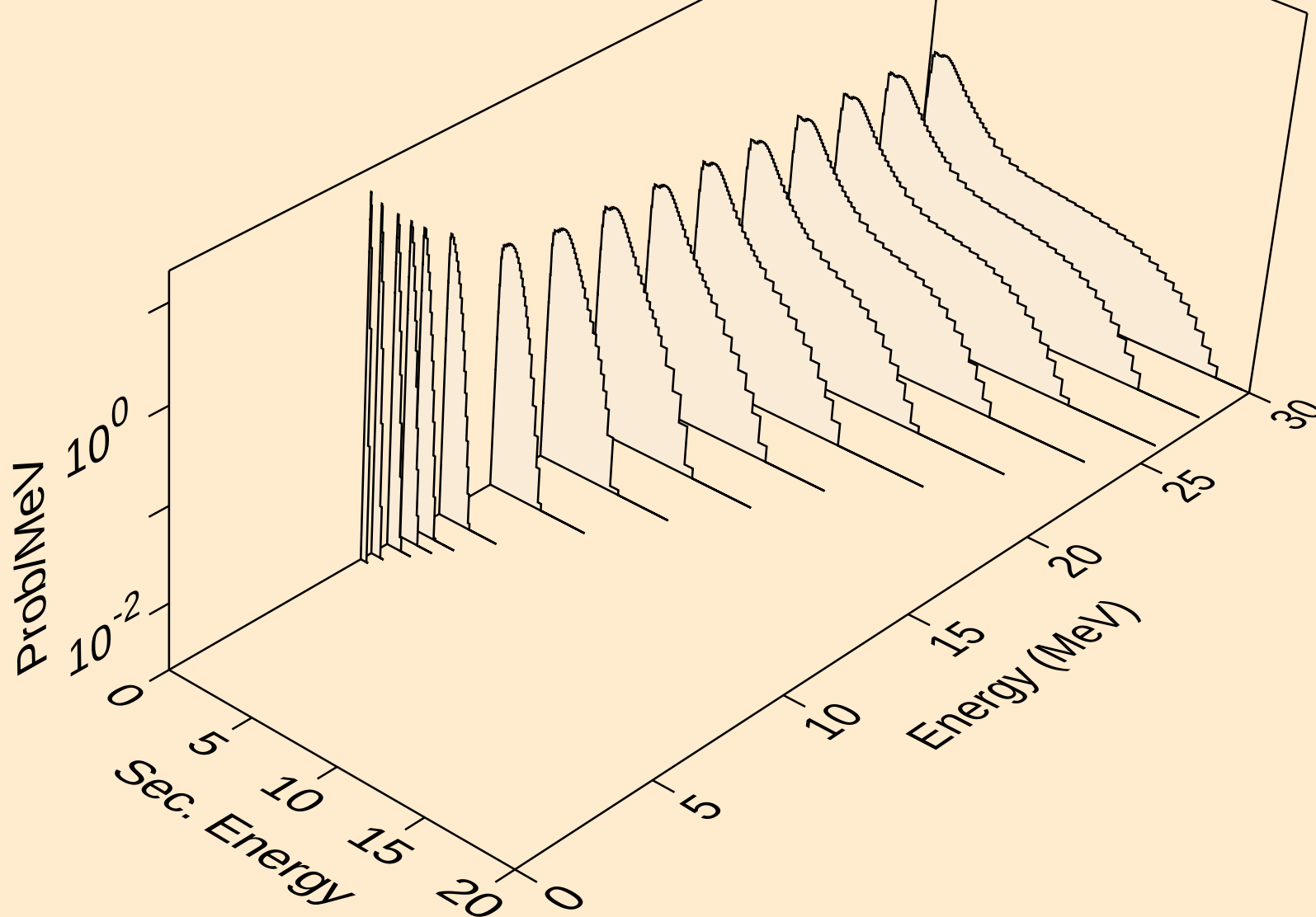
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



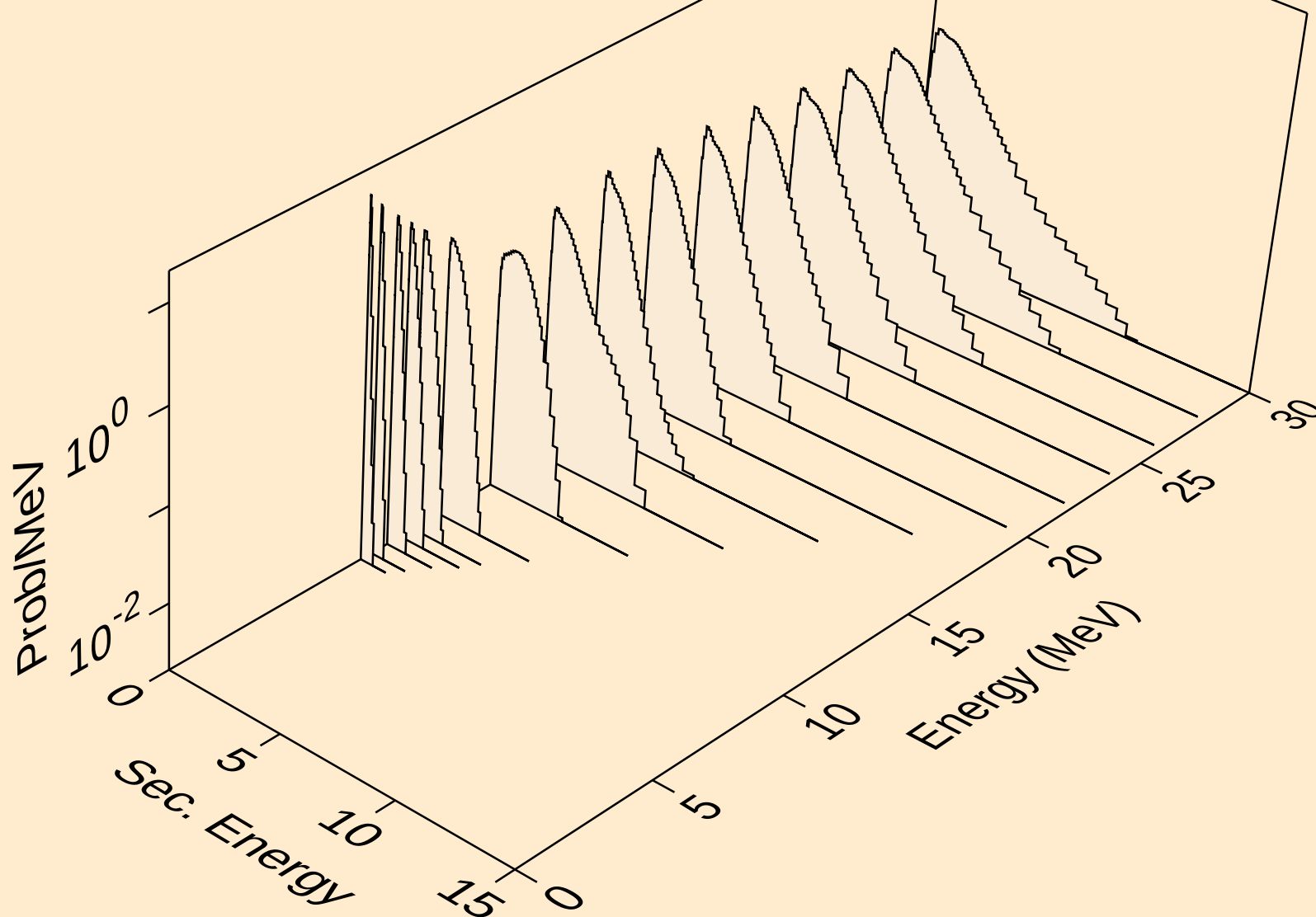
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



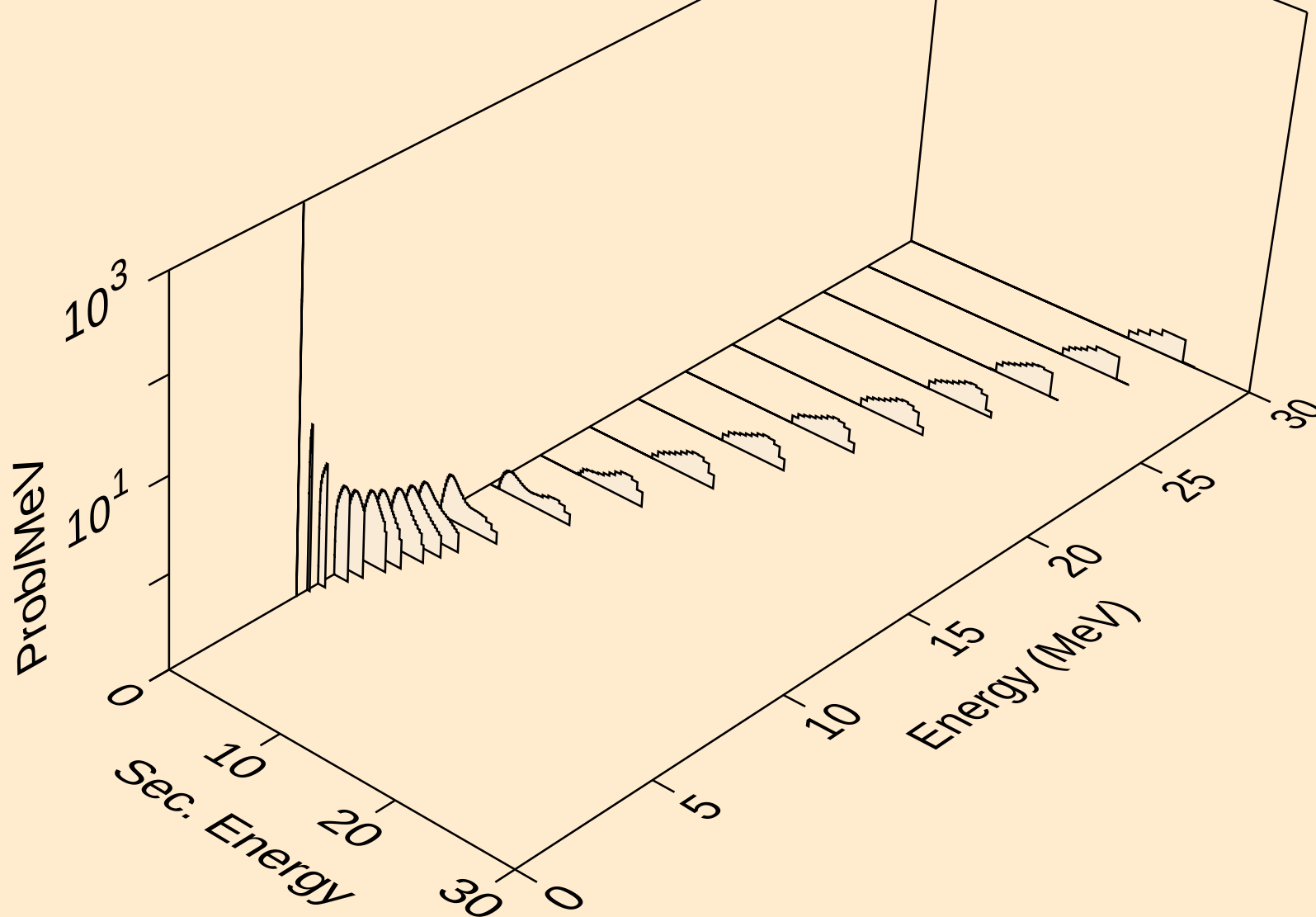
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



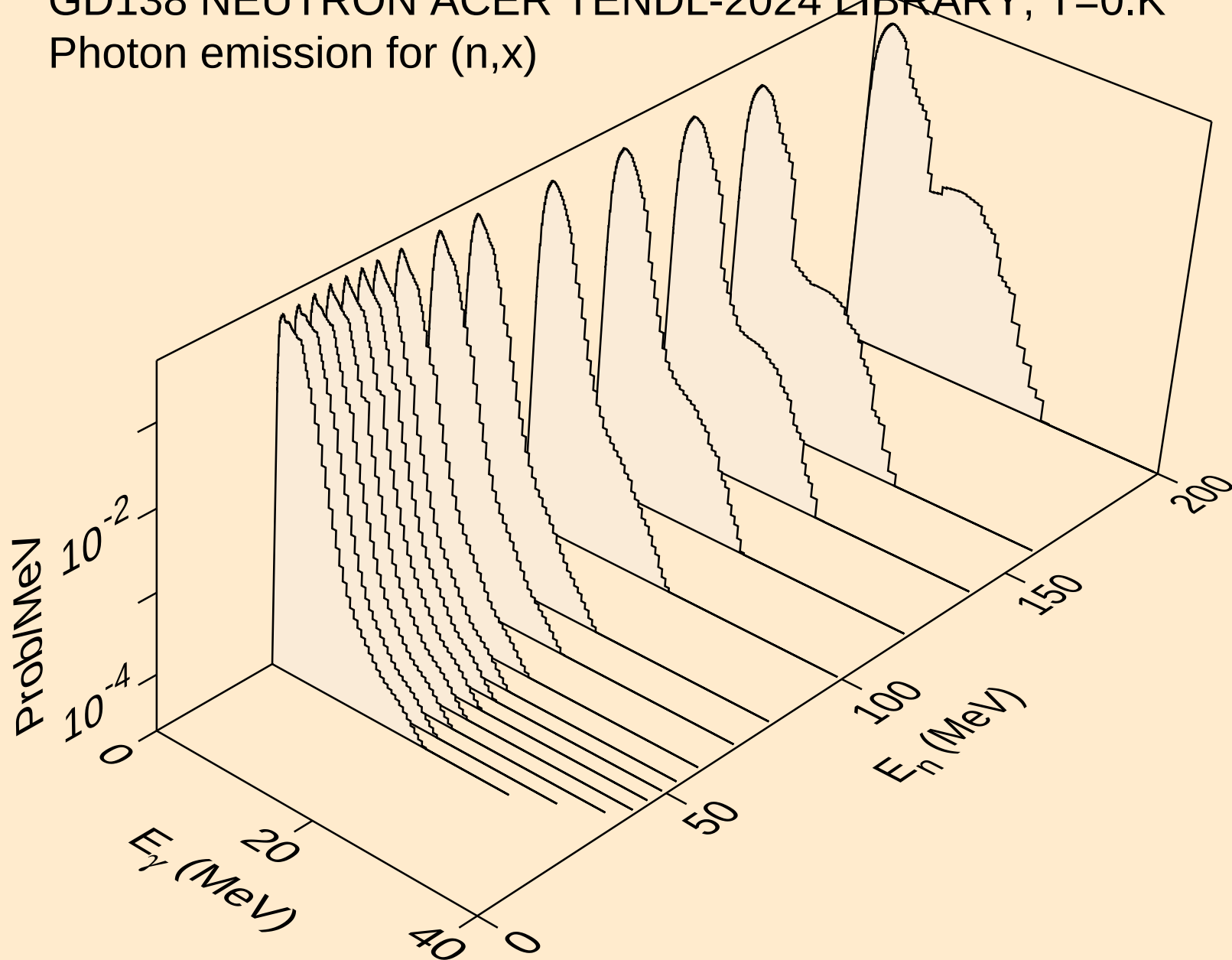
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



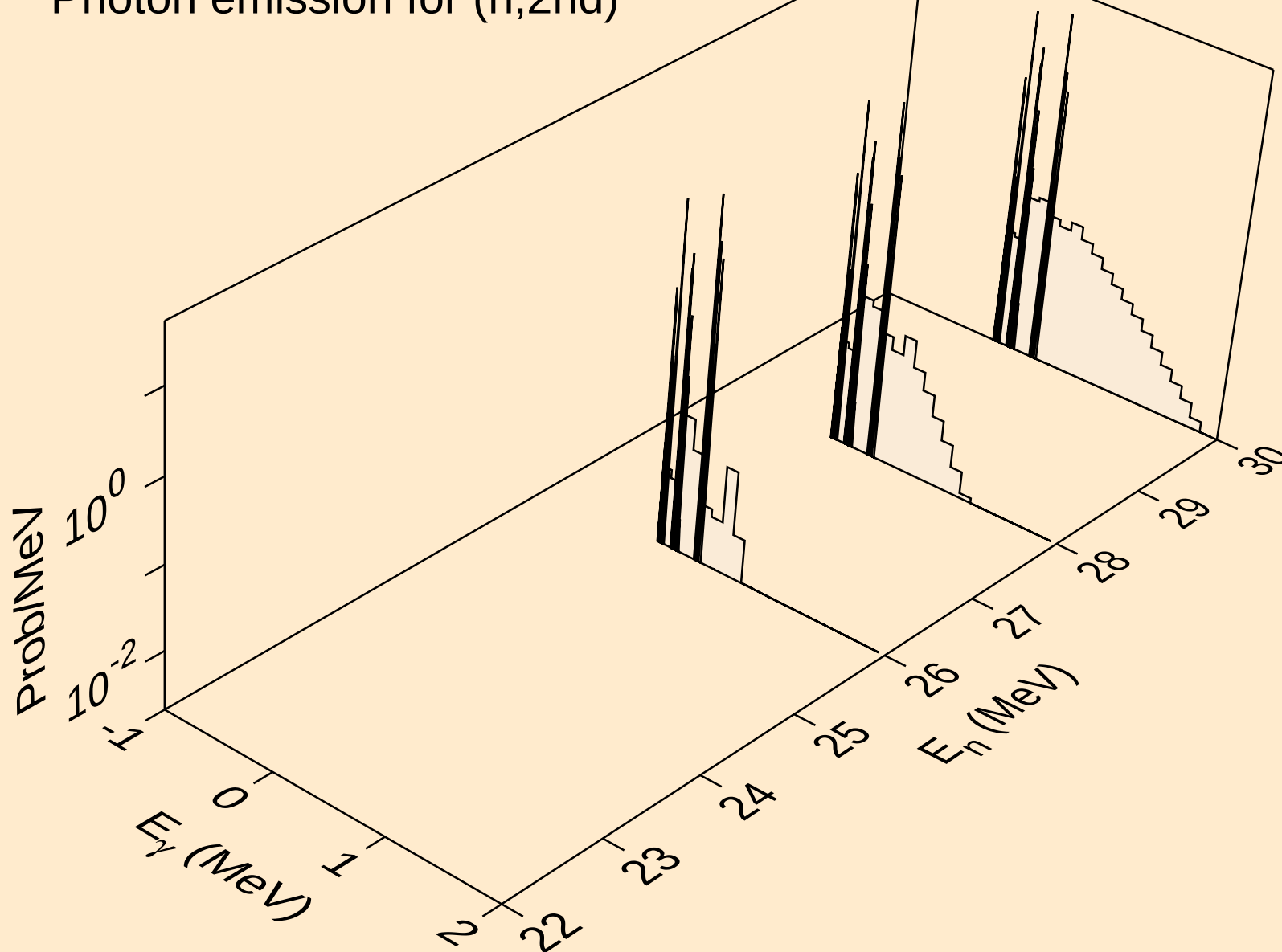
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



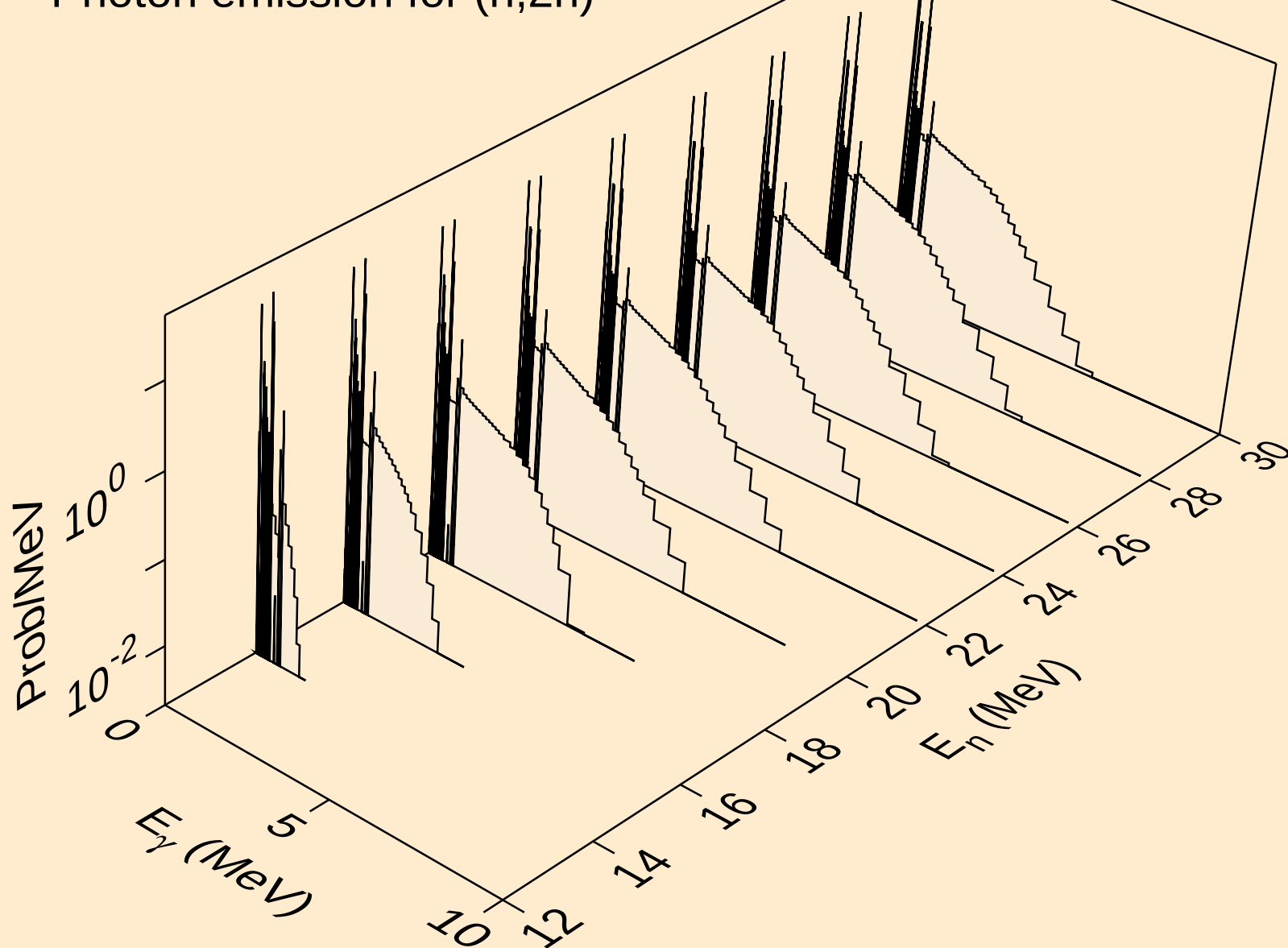
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



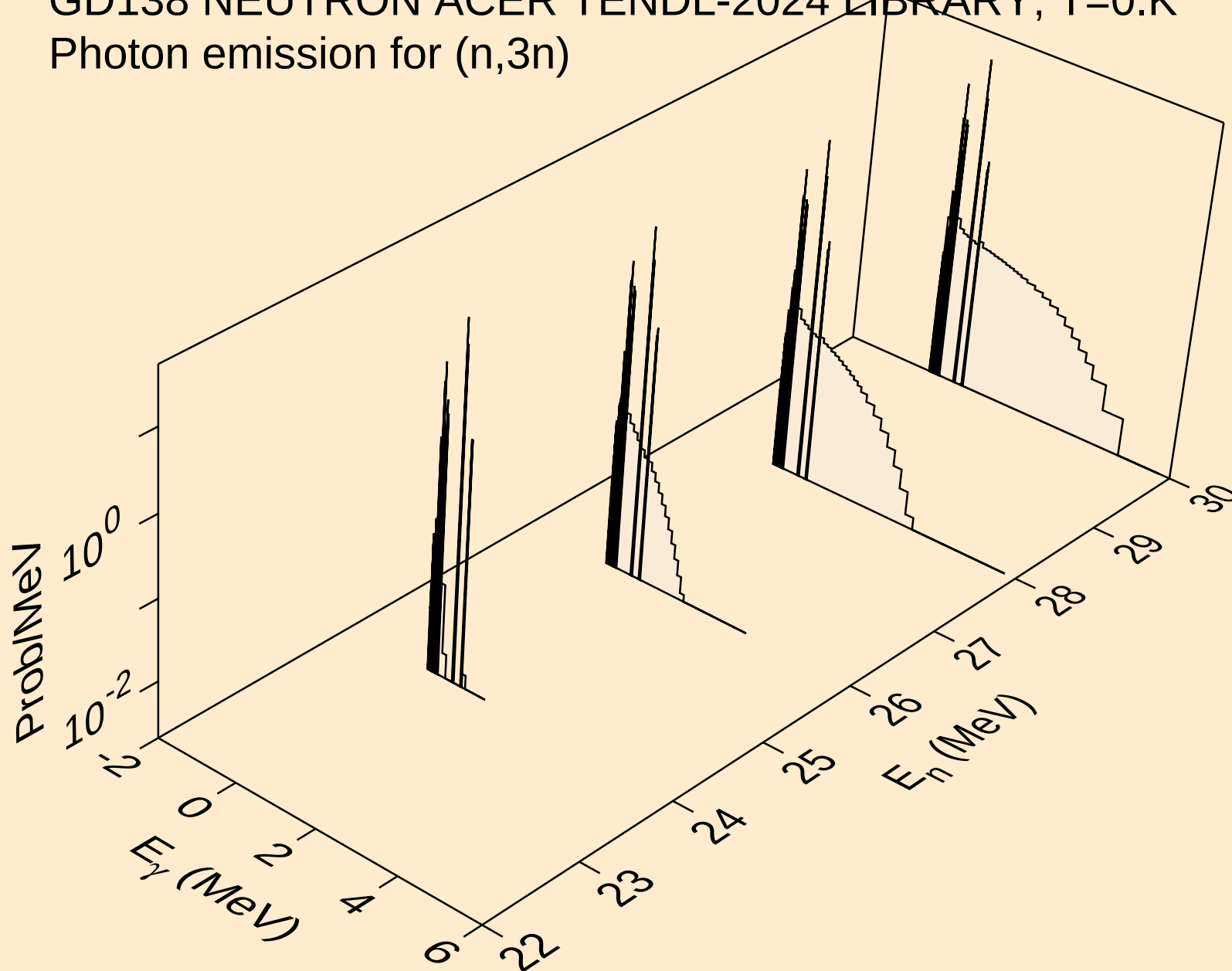
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



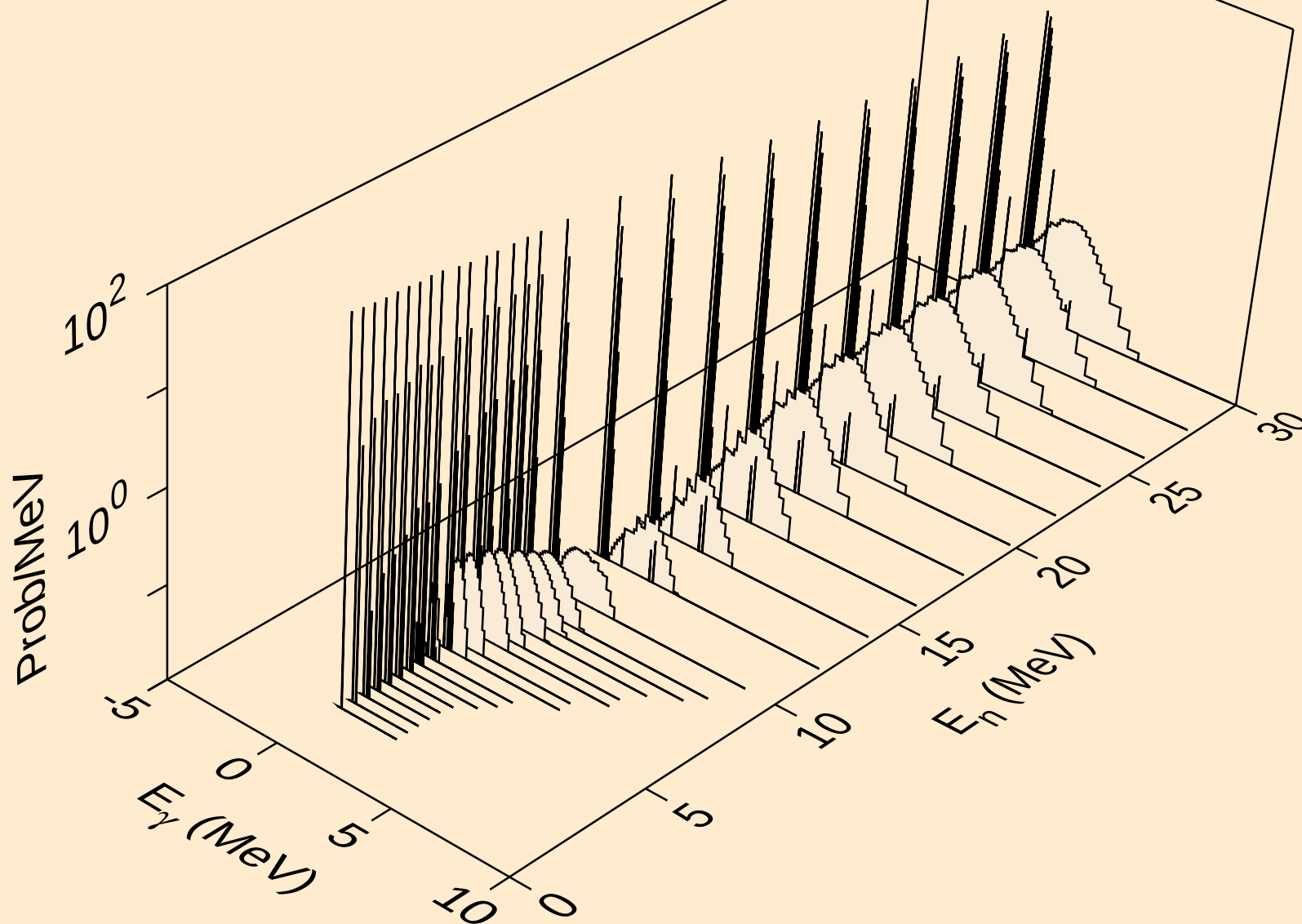
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2n)



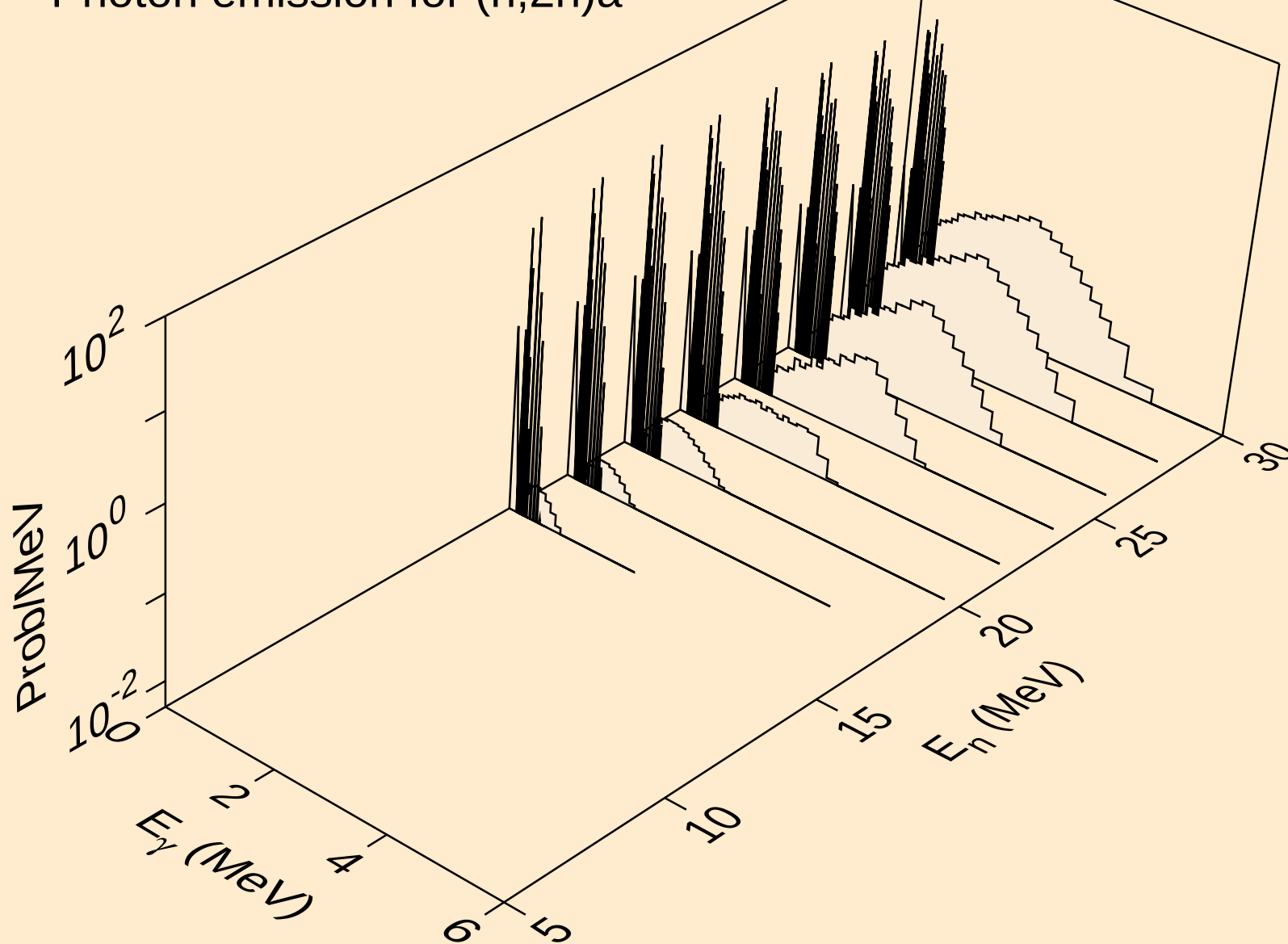
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



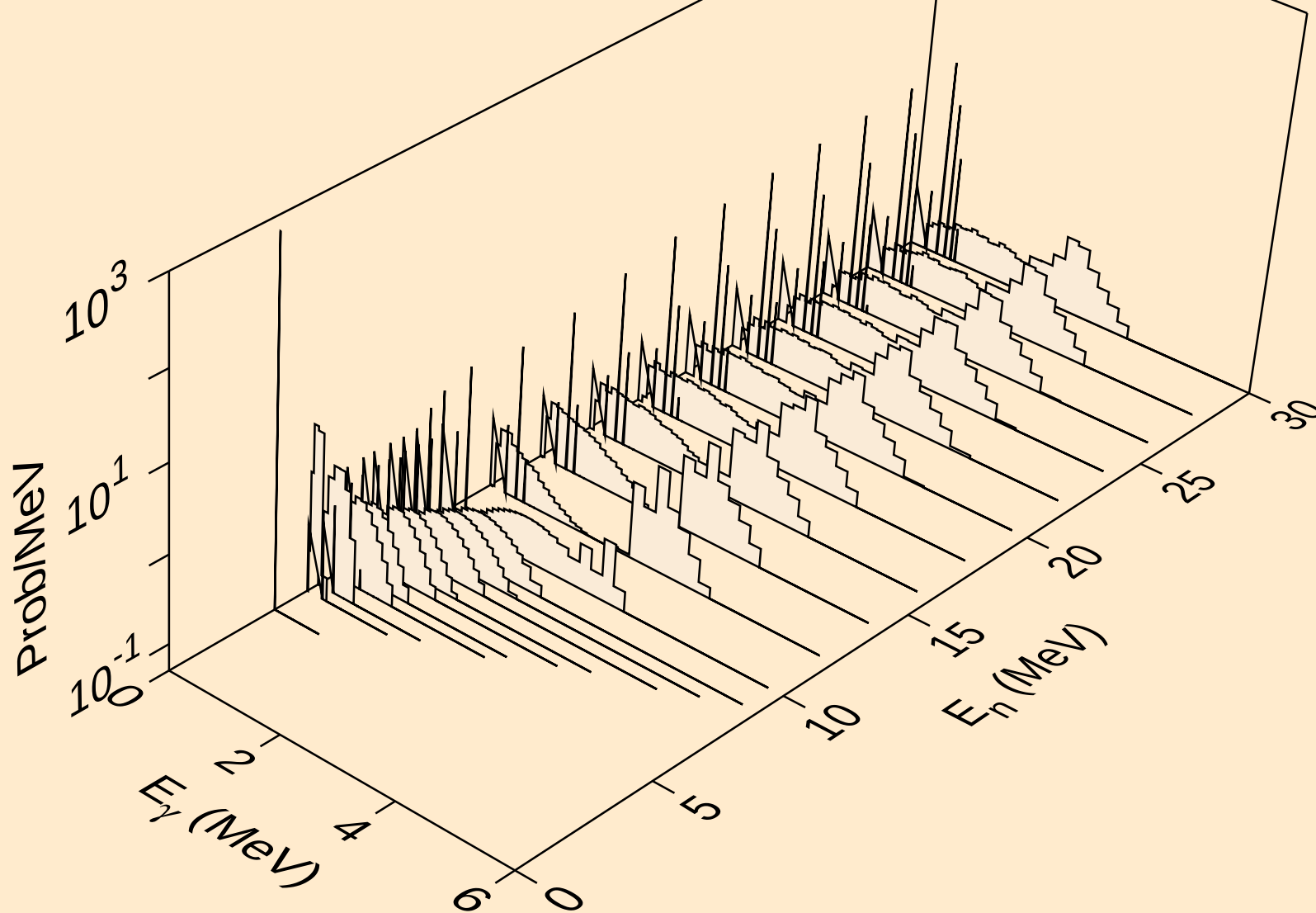
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



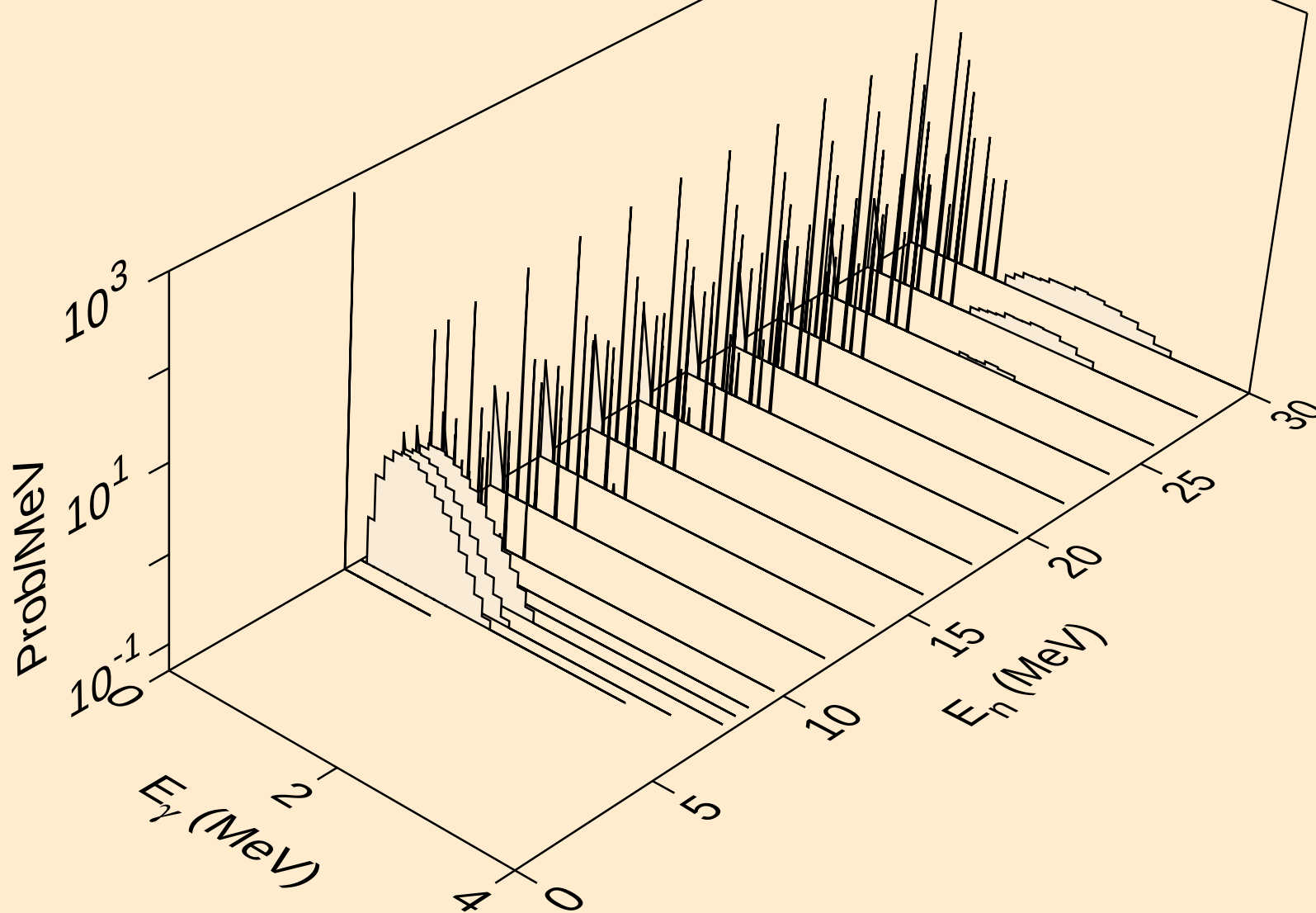
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n) α



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p

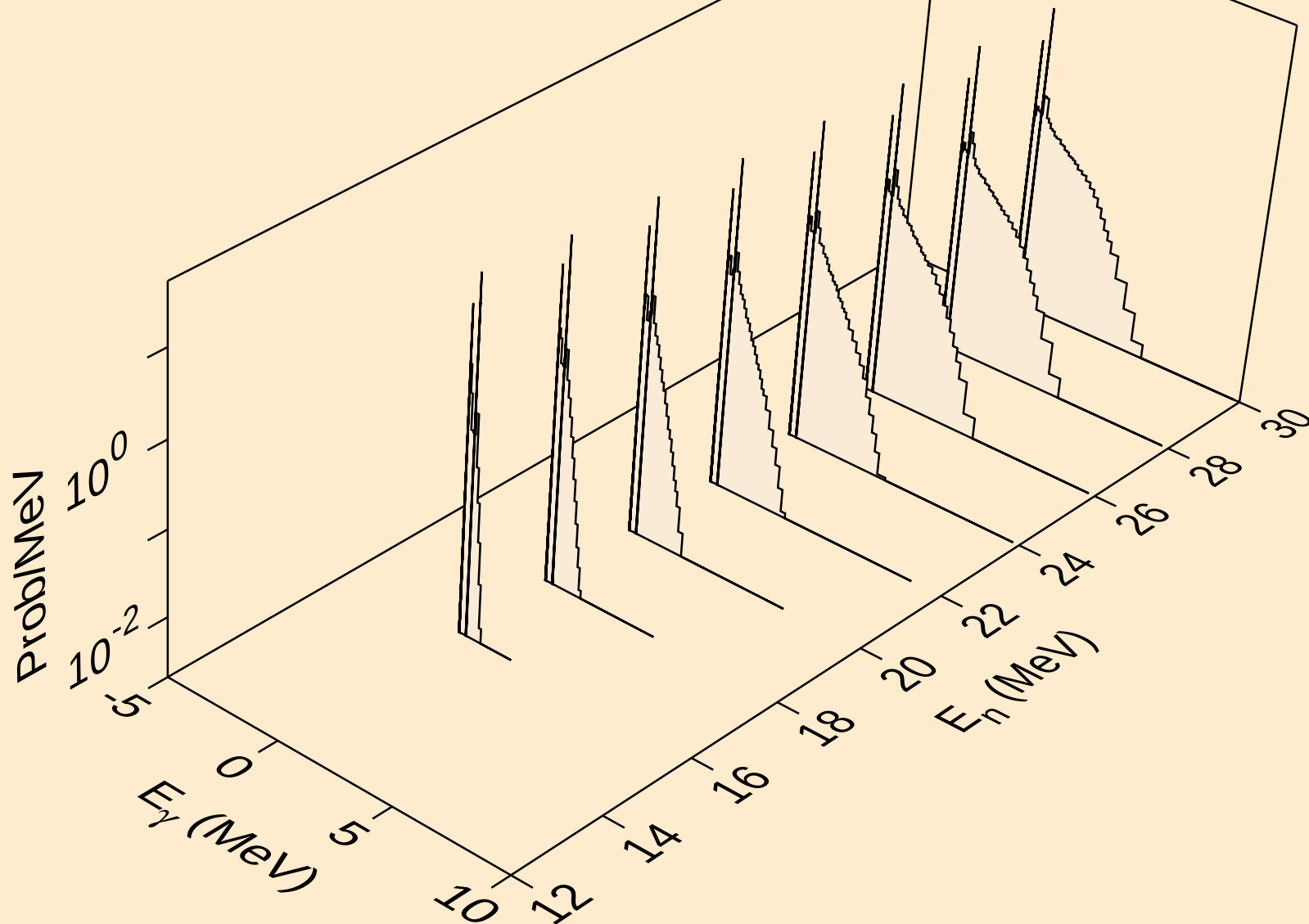


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



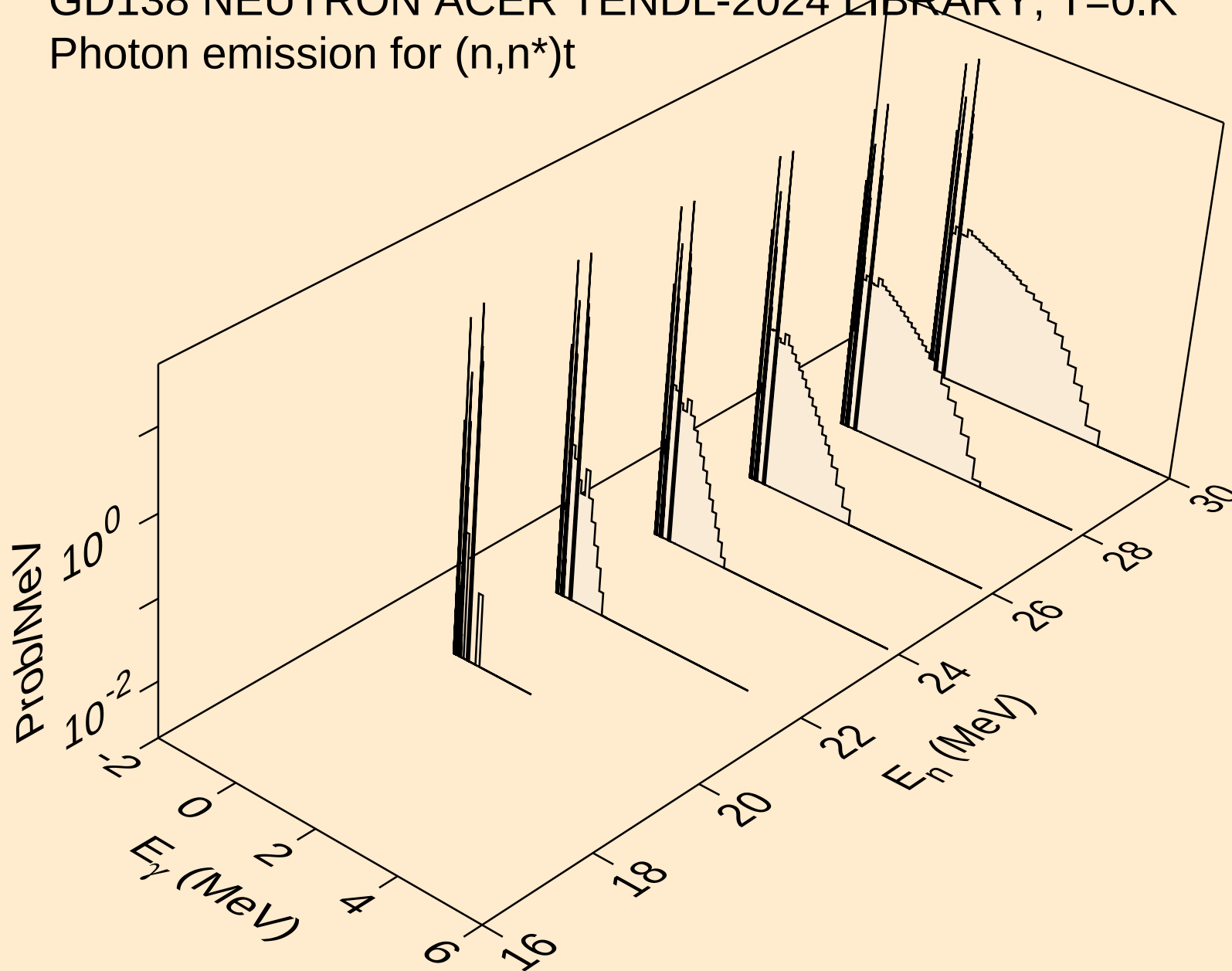
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

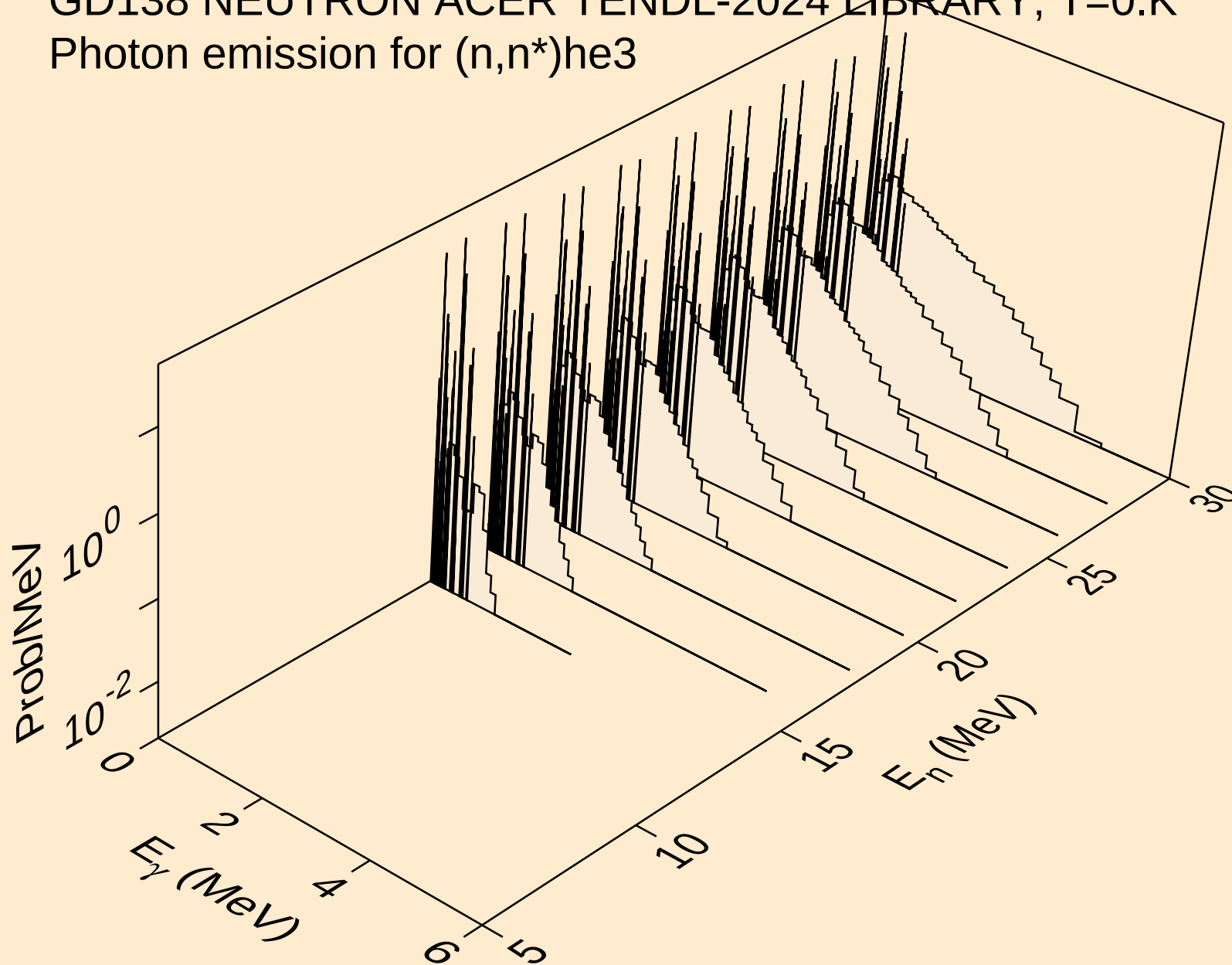


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

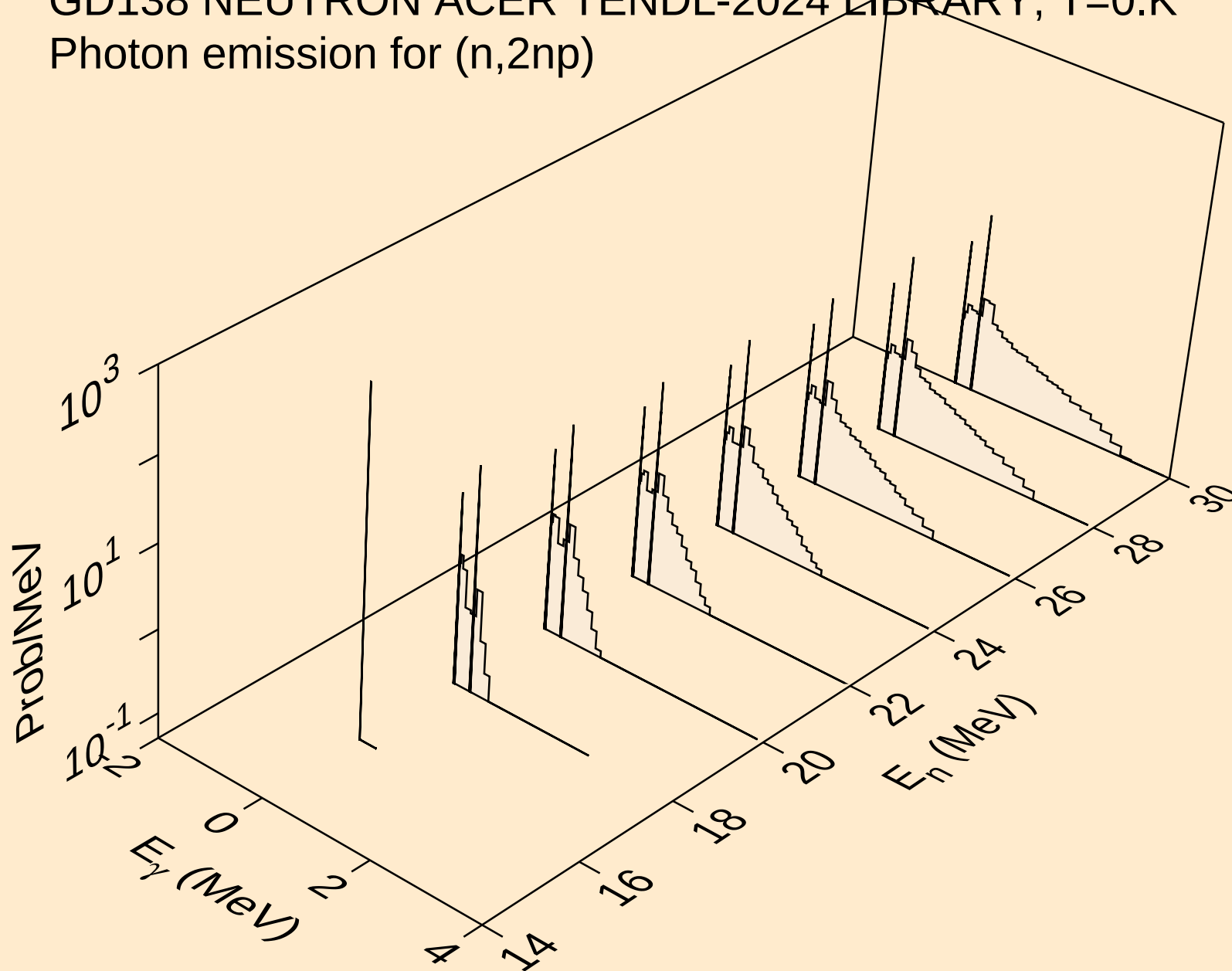
Photon emission for (n,n*)t



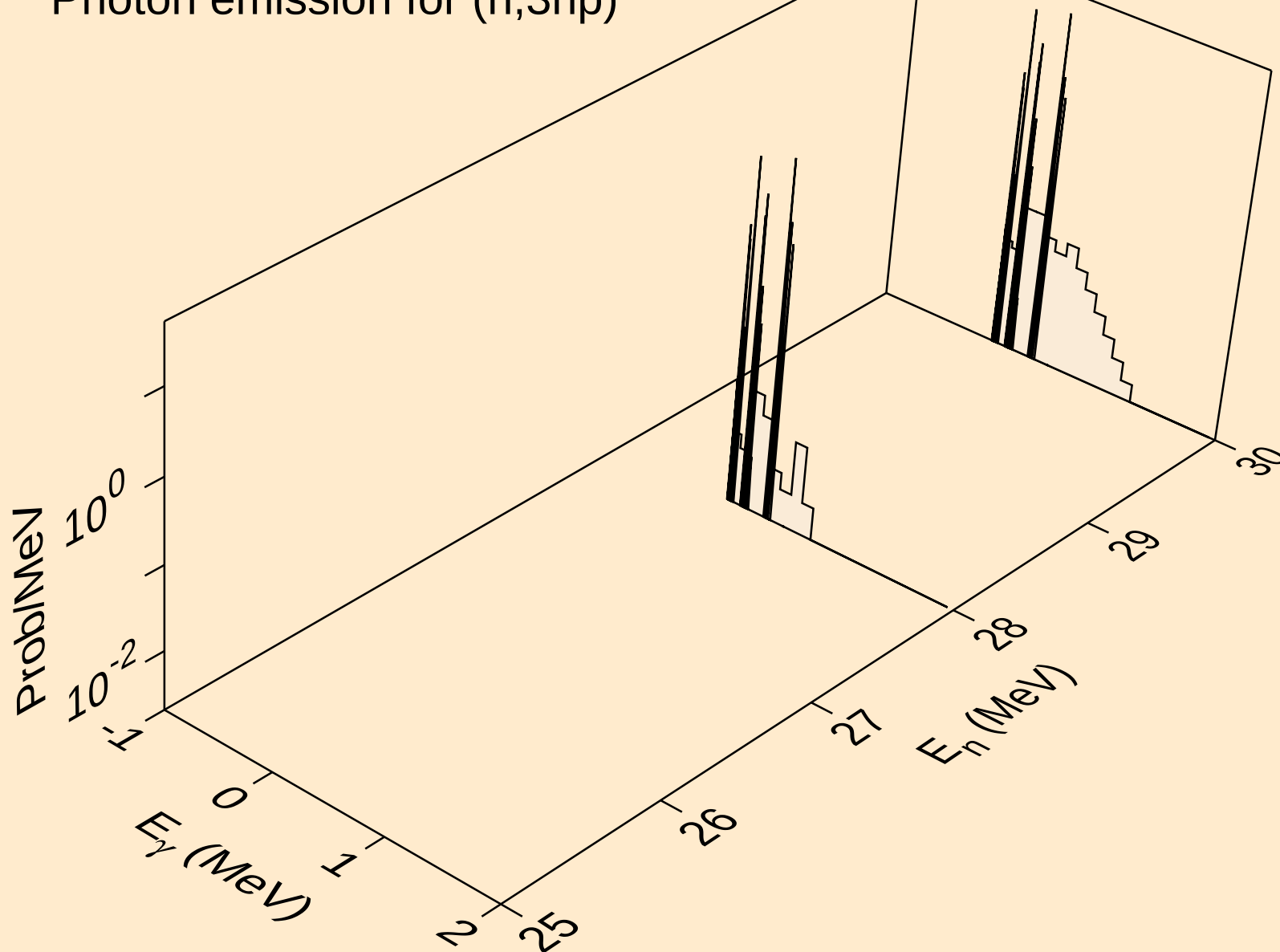
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



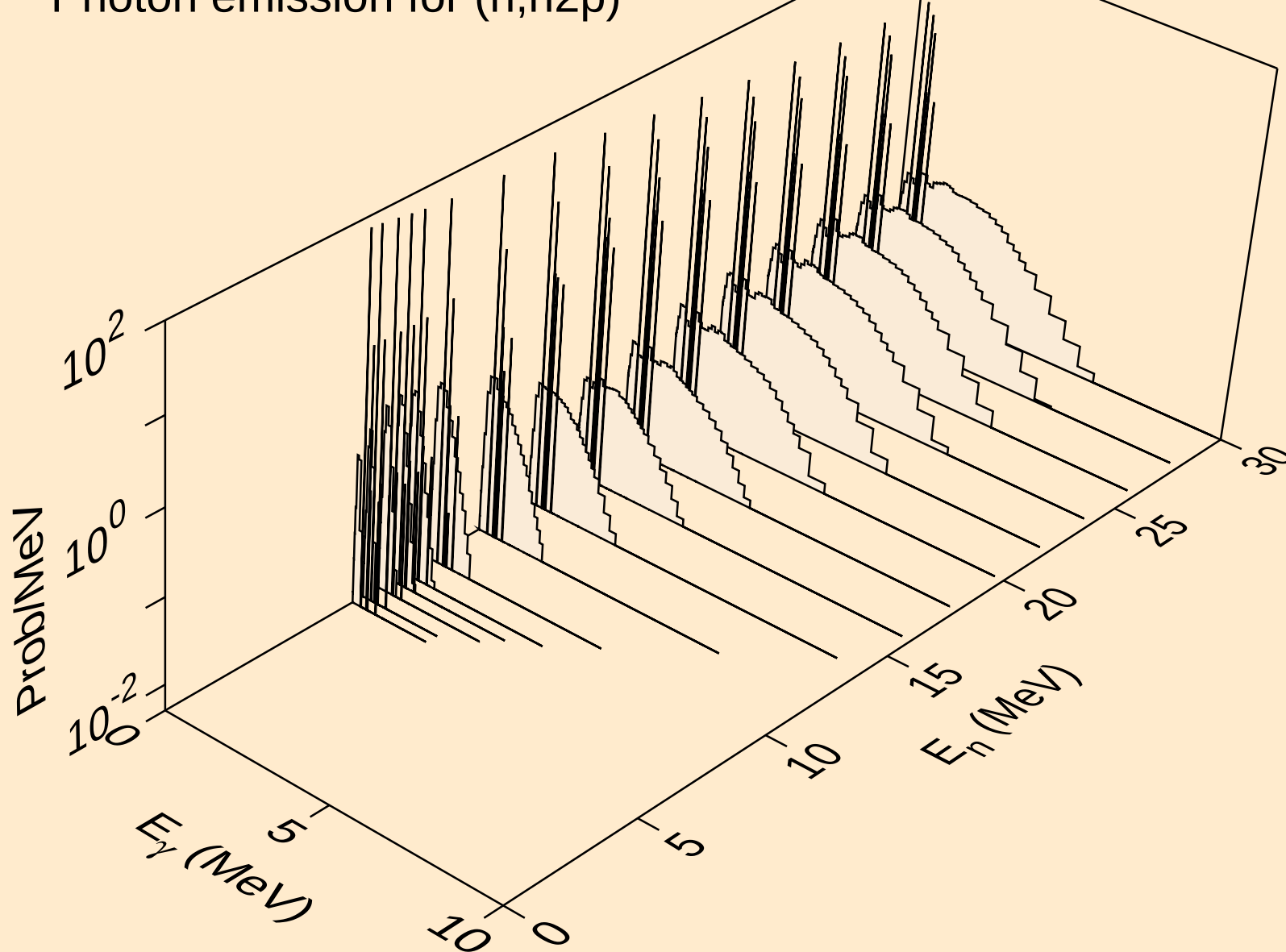
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



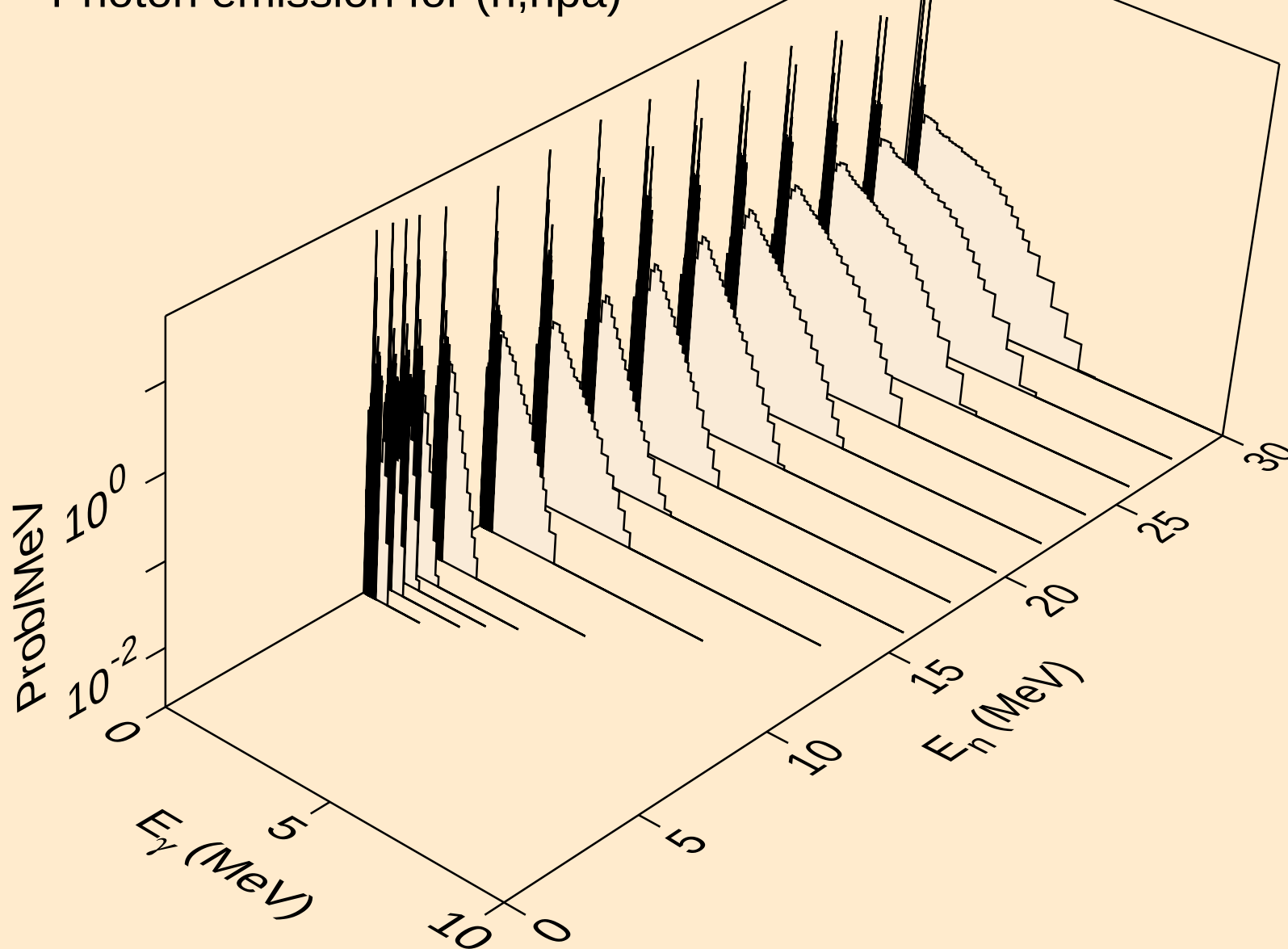
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



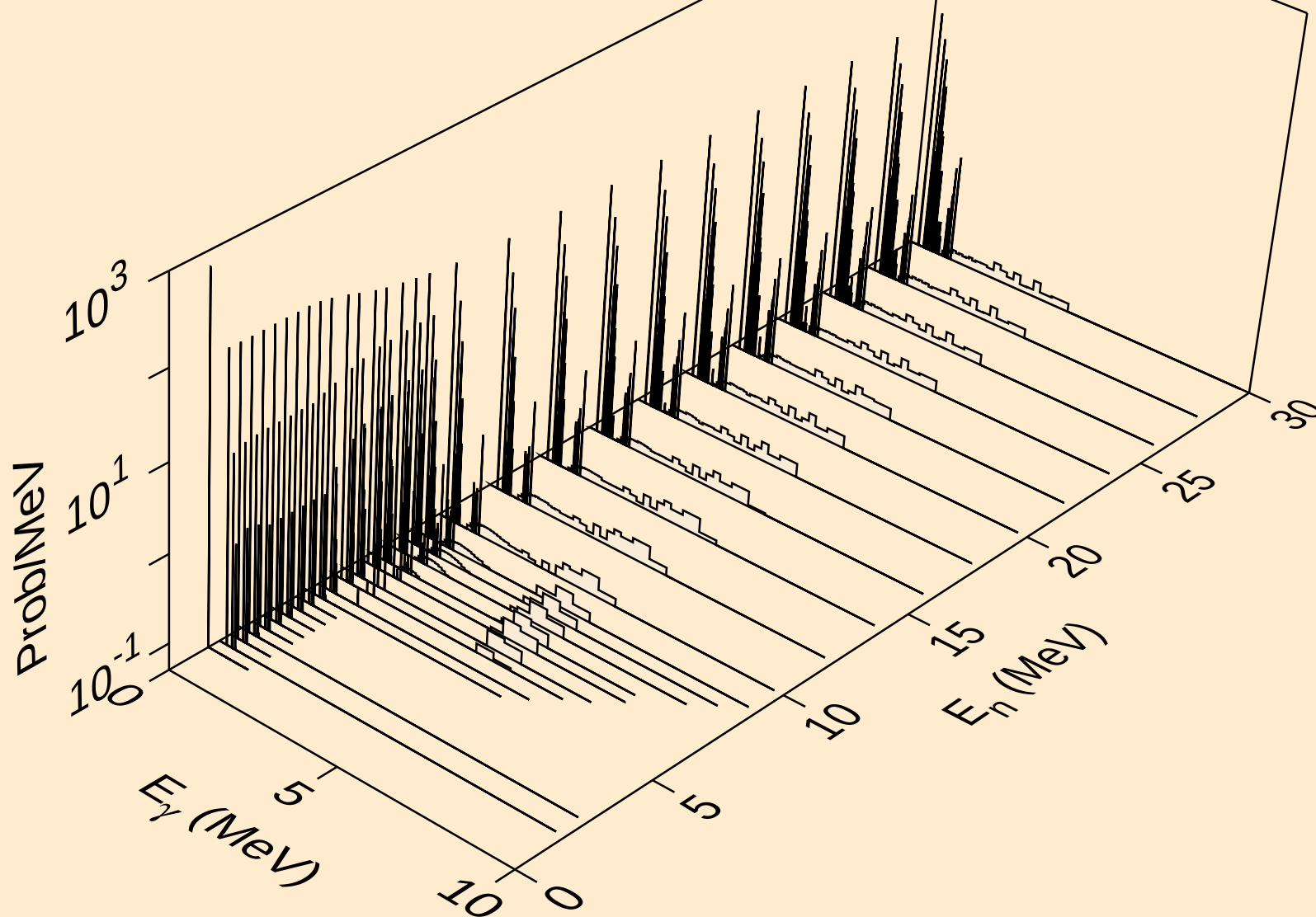
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



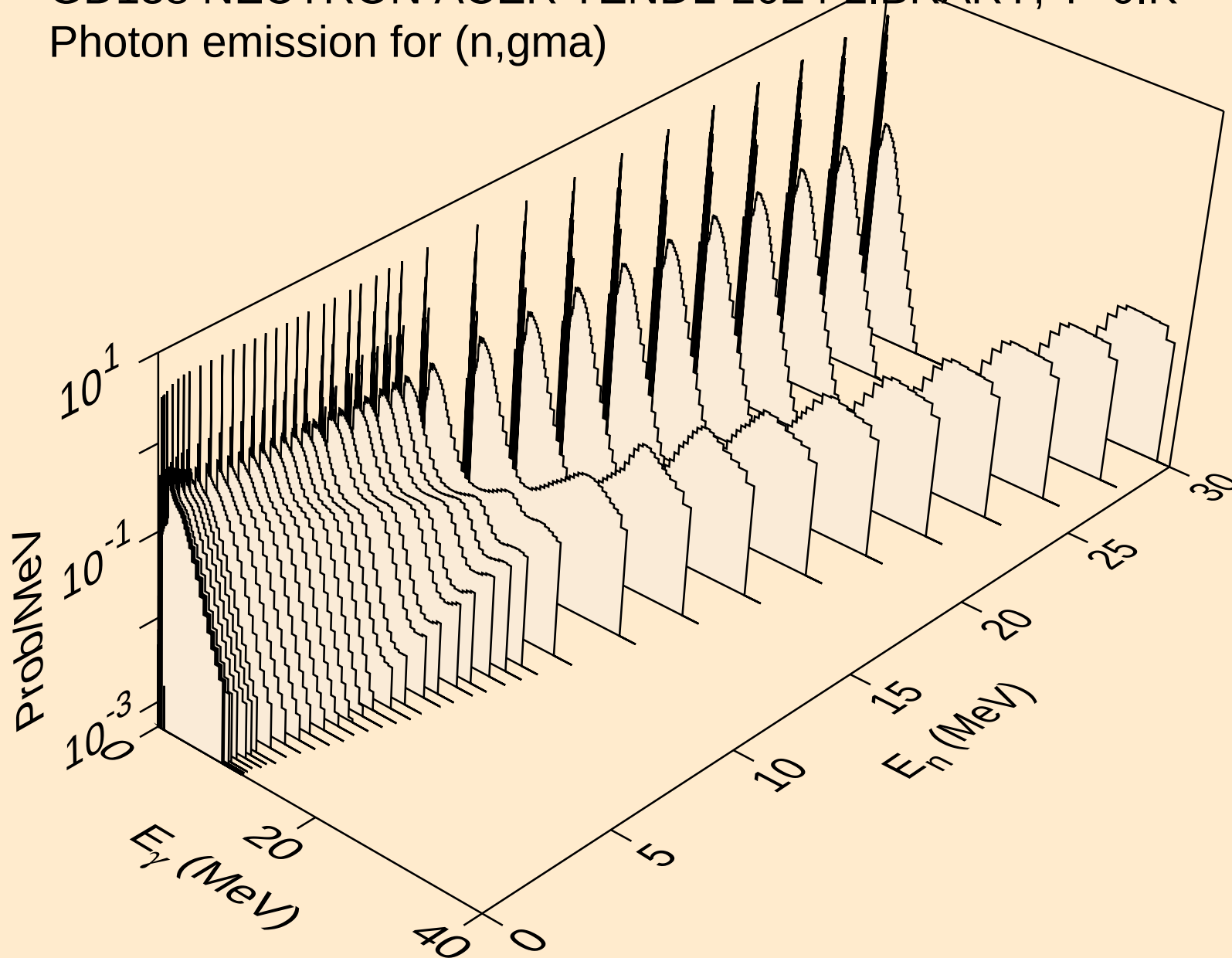
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



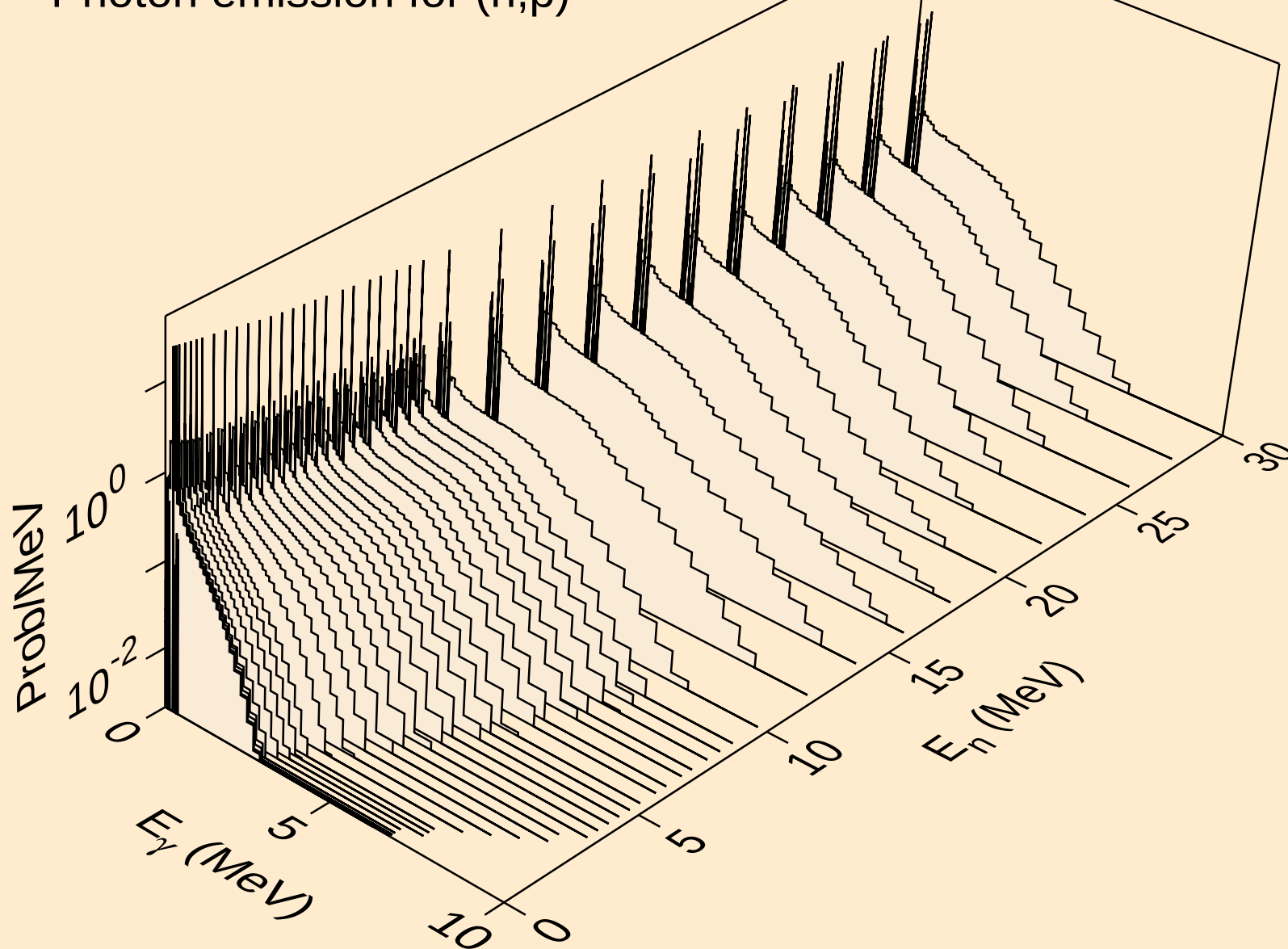
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n*c)



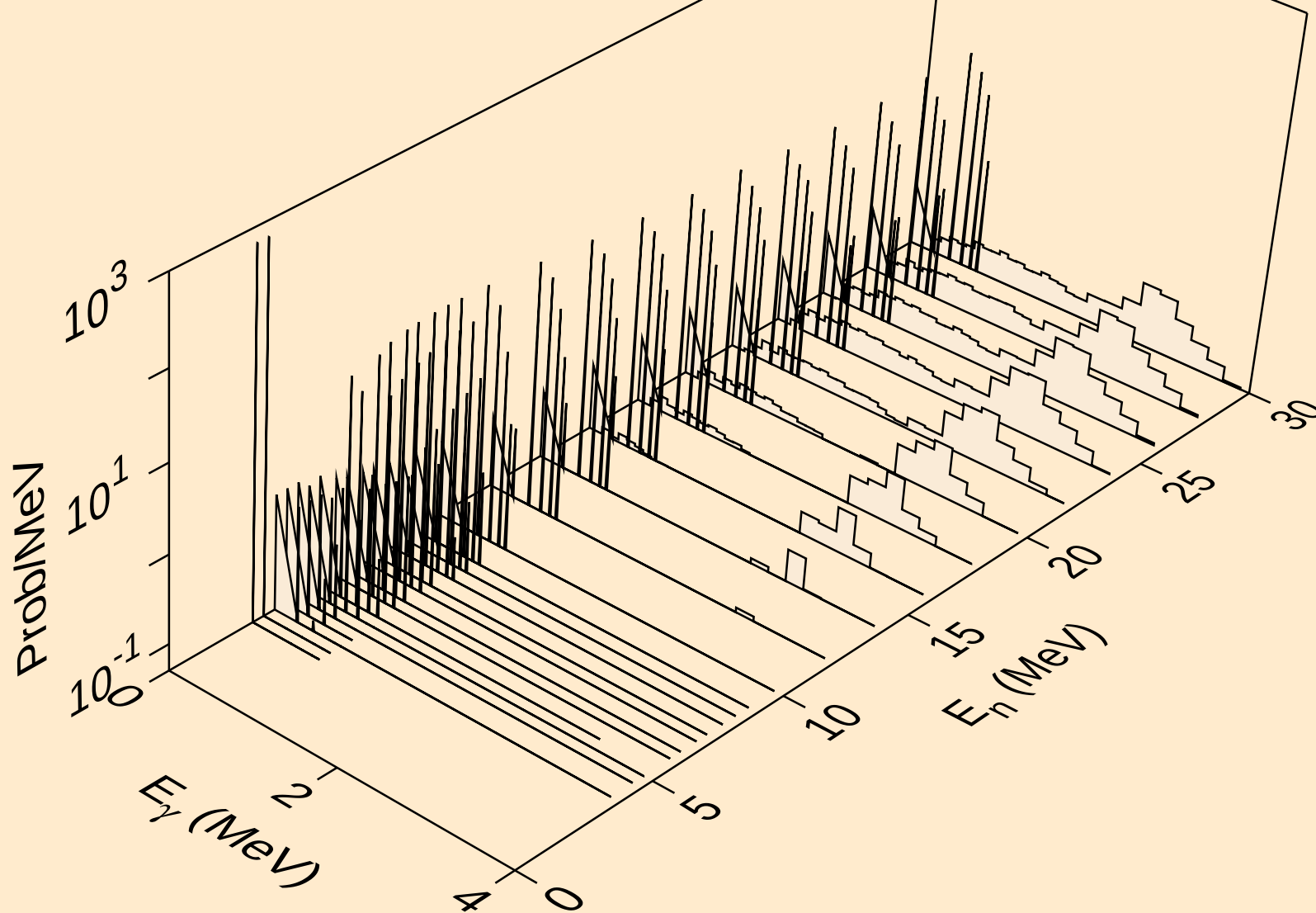
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,gma)



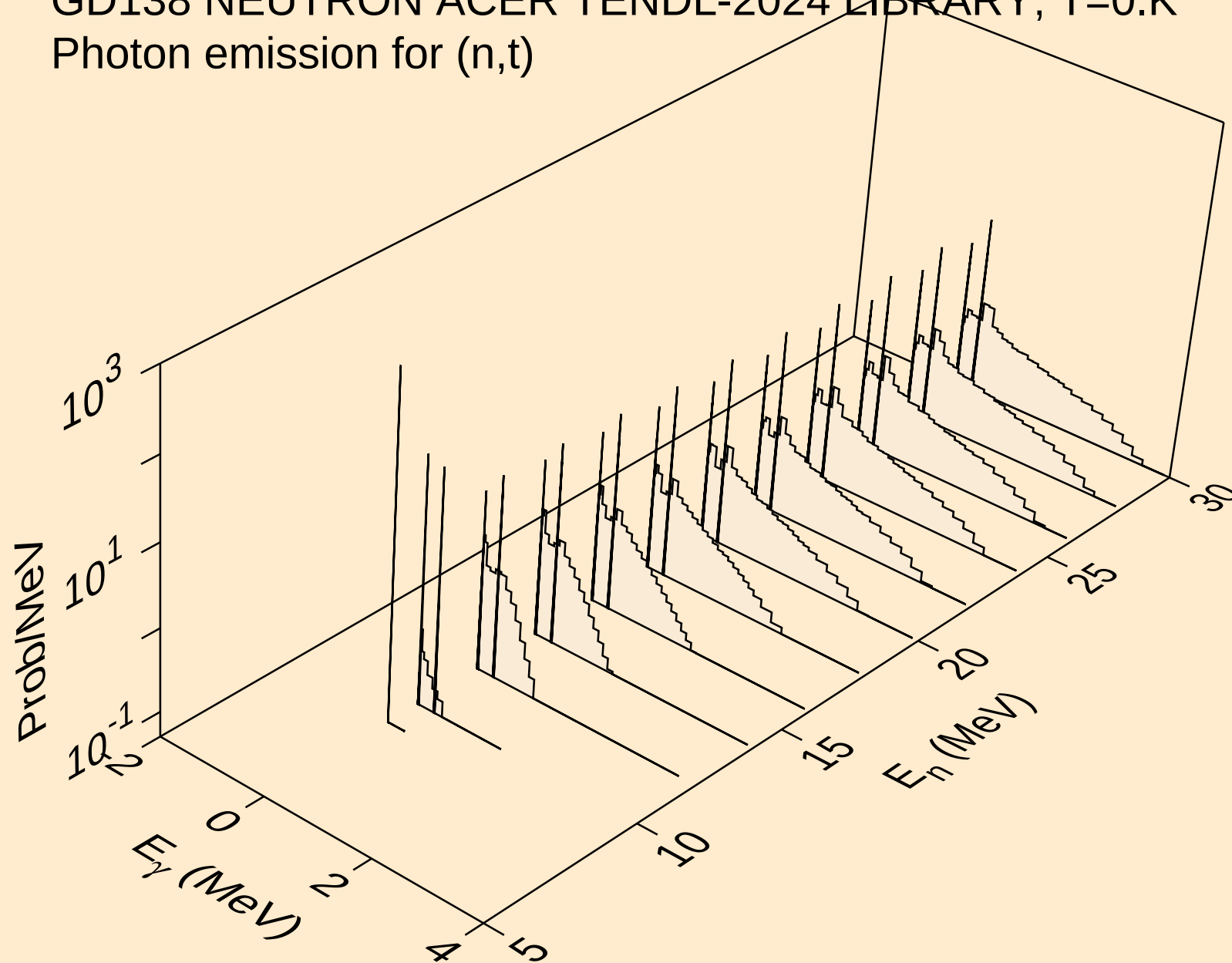
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,p)



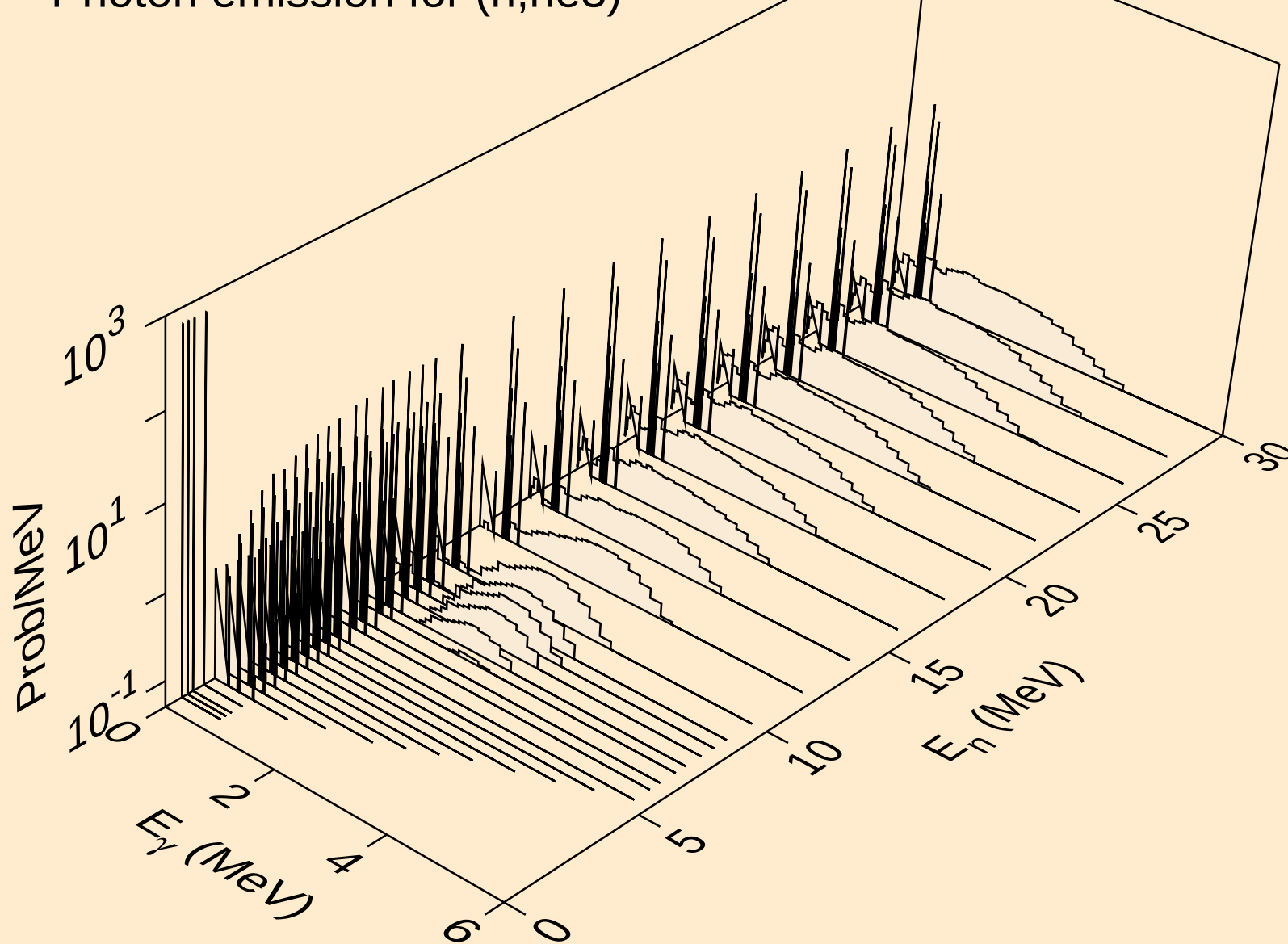
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,d)



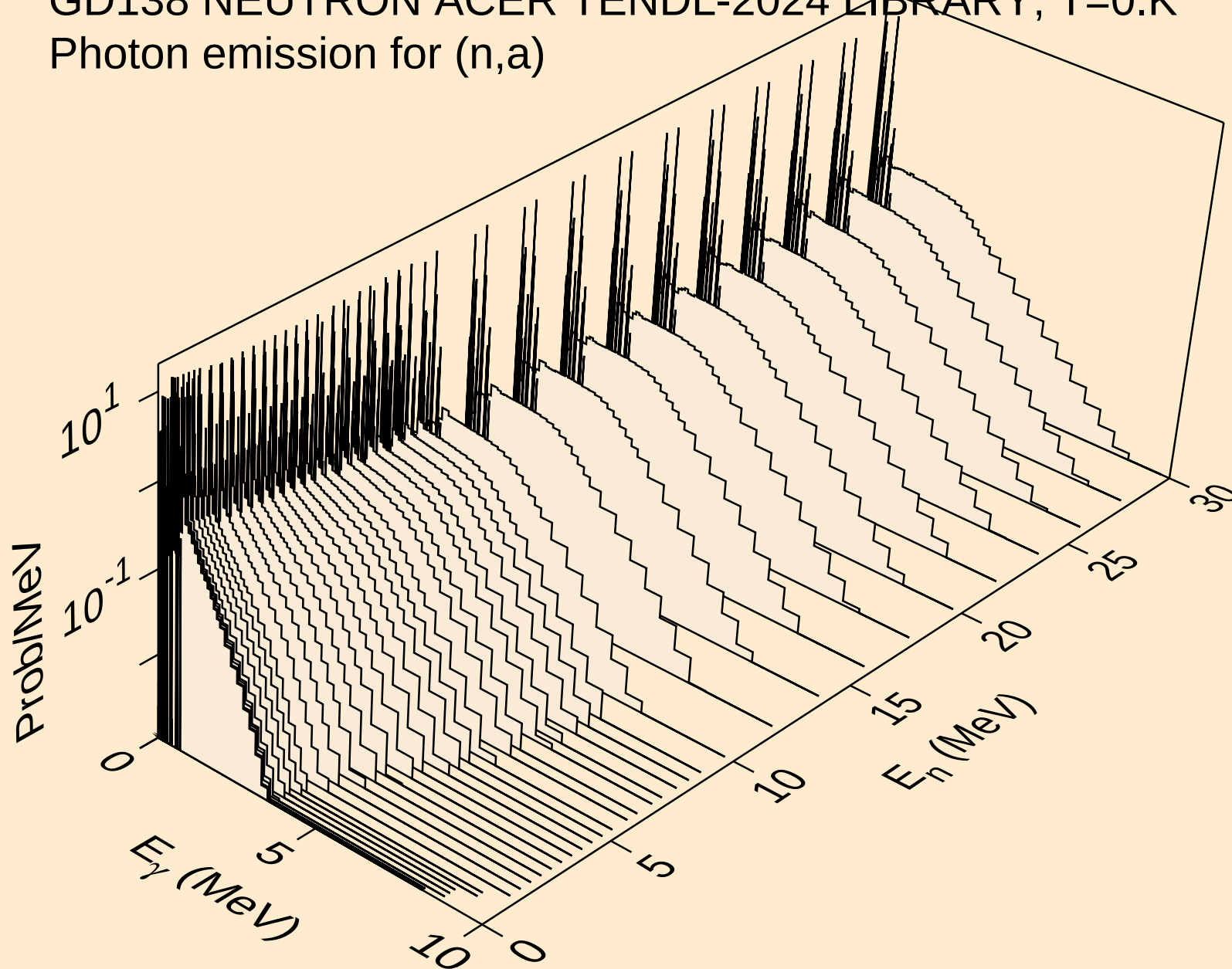
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



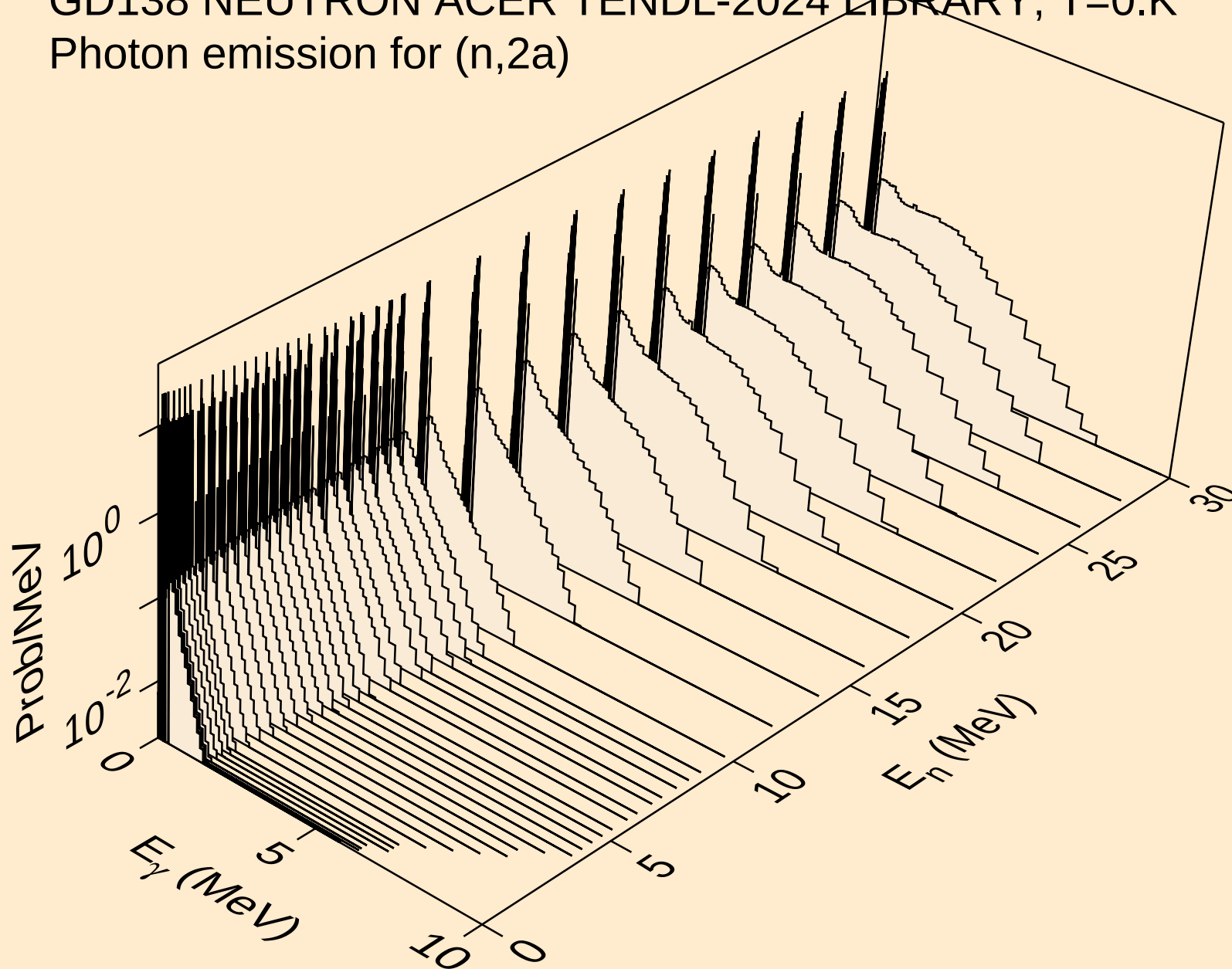
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,he3)



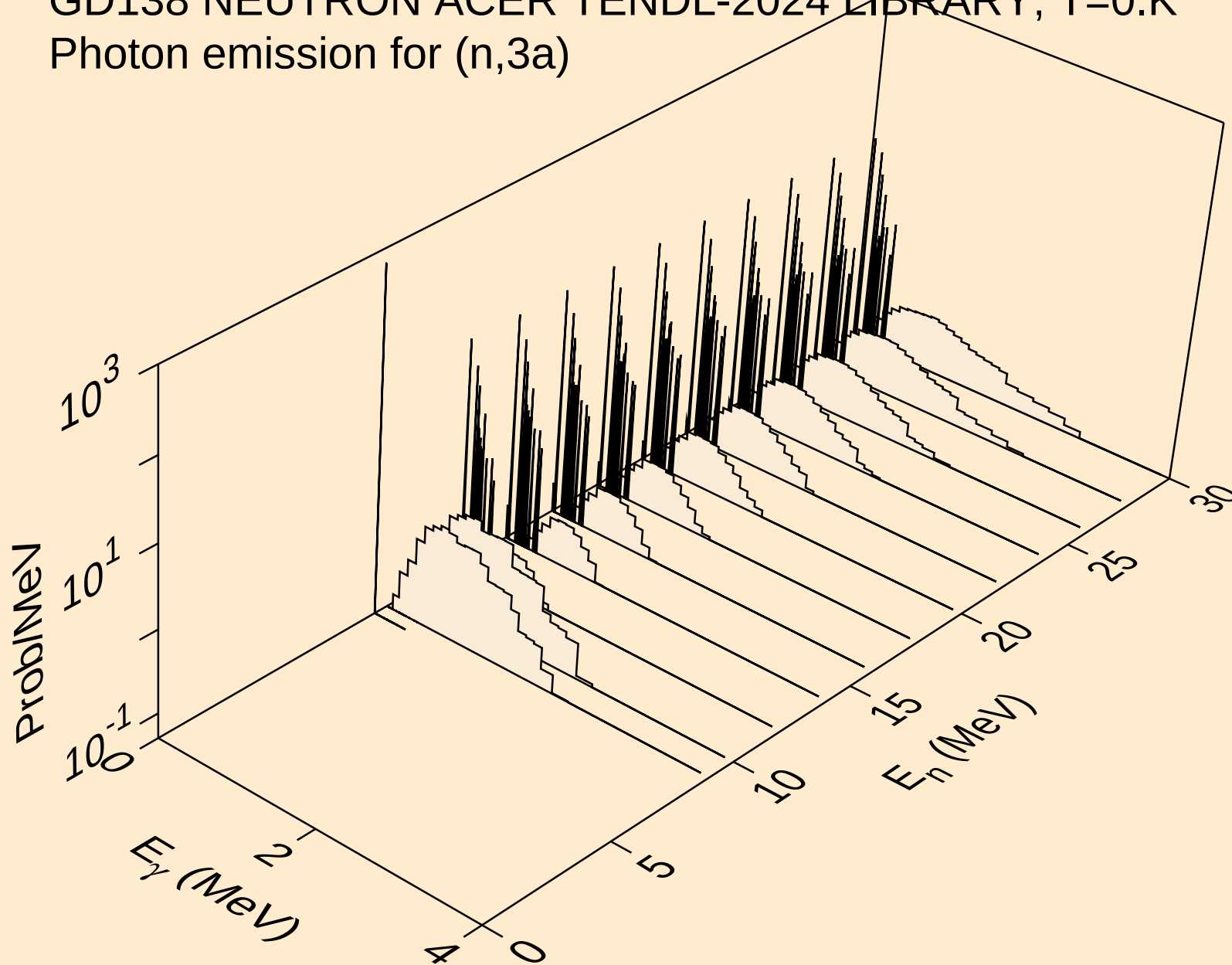
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



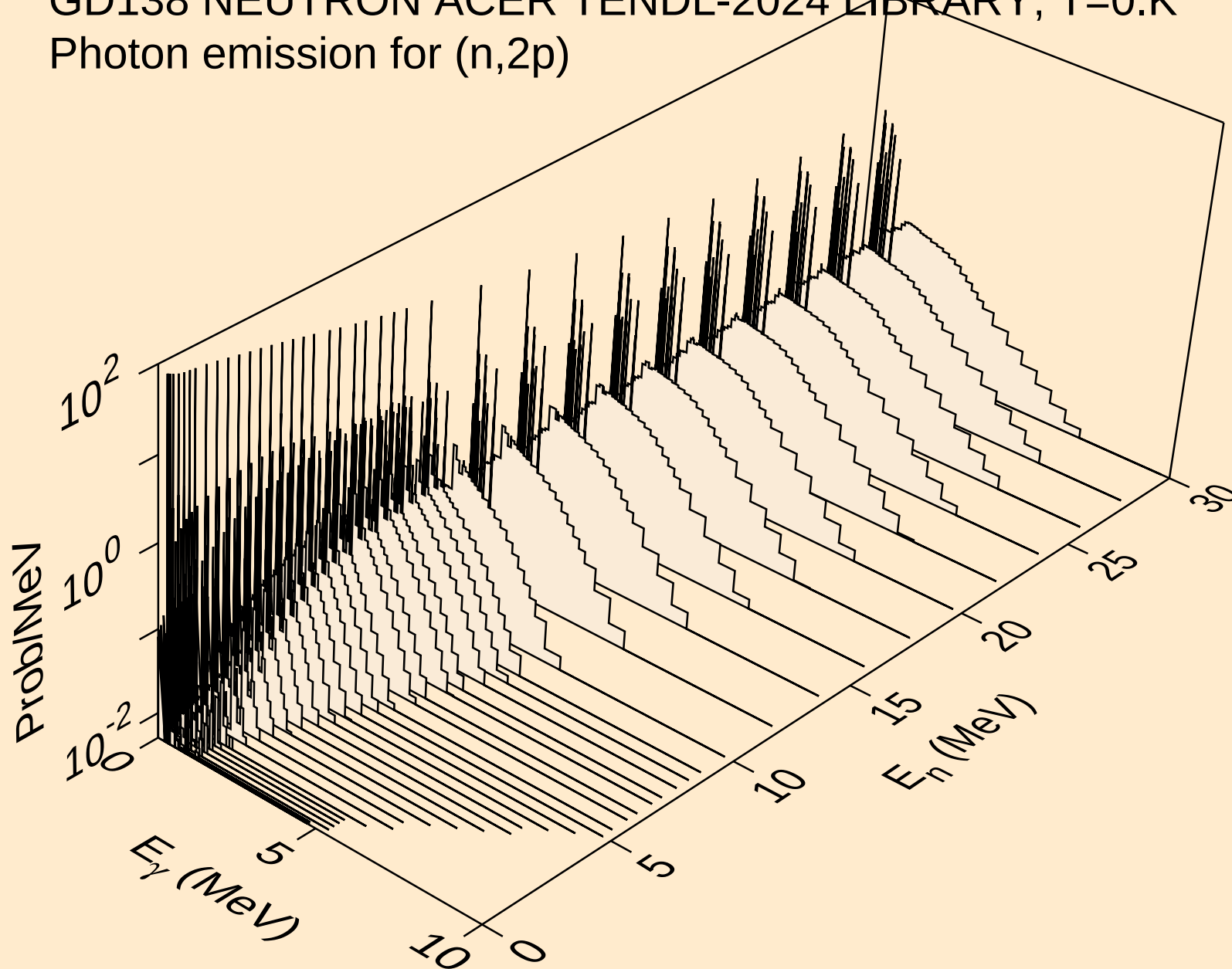
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2a)



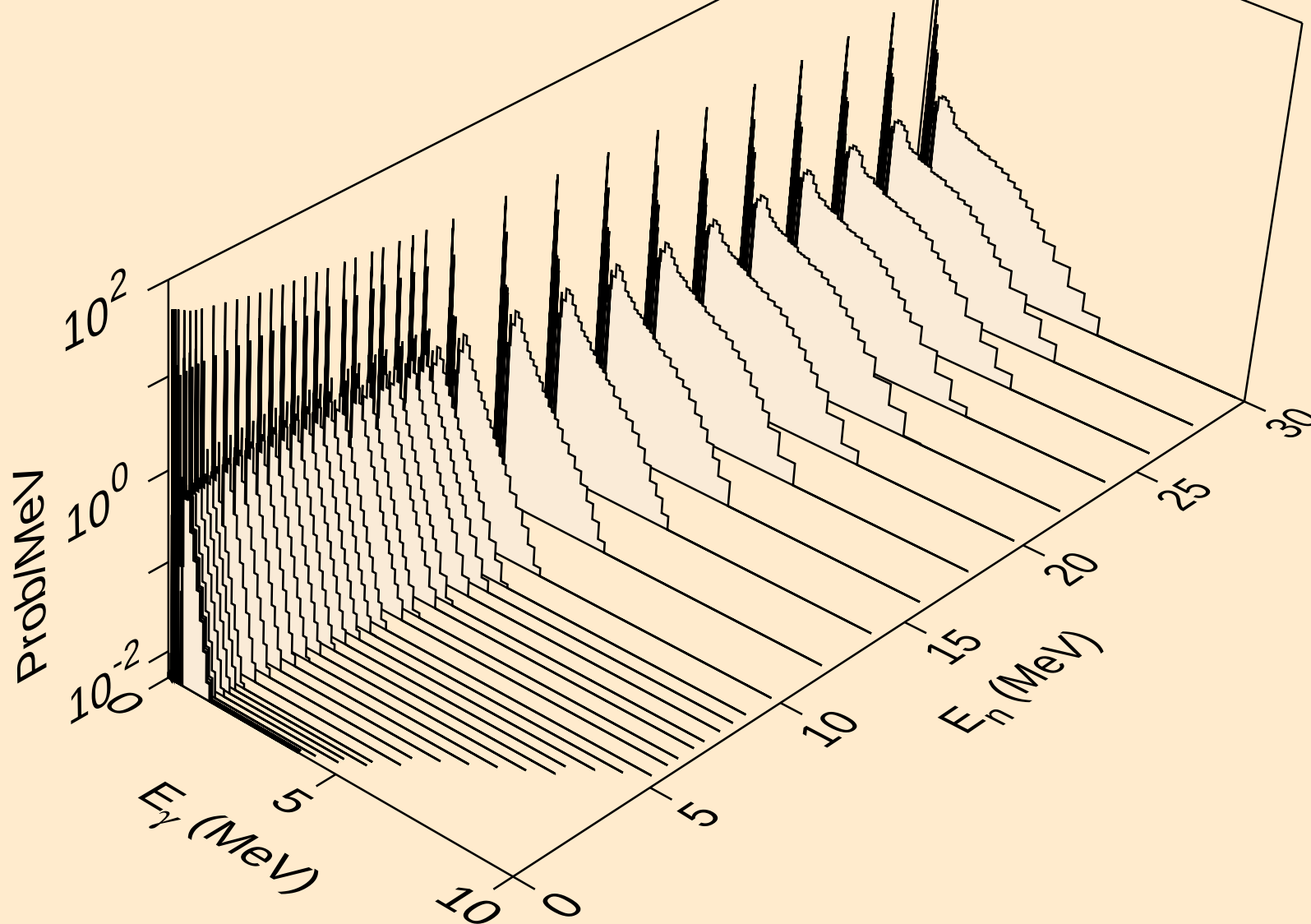
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3a)



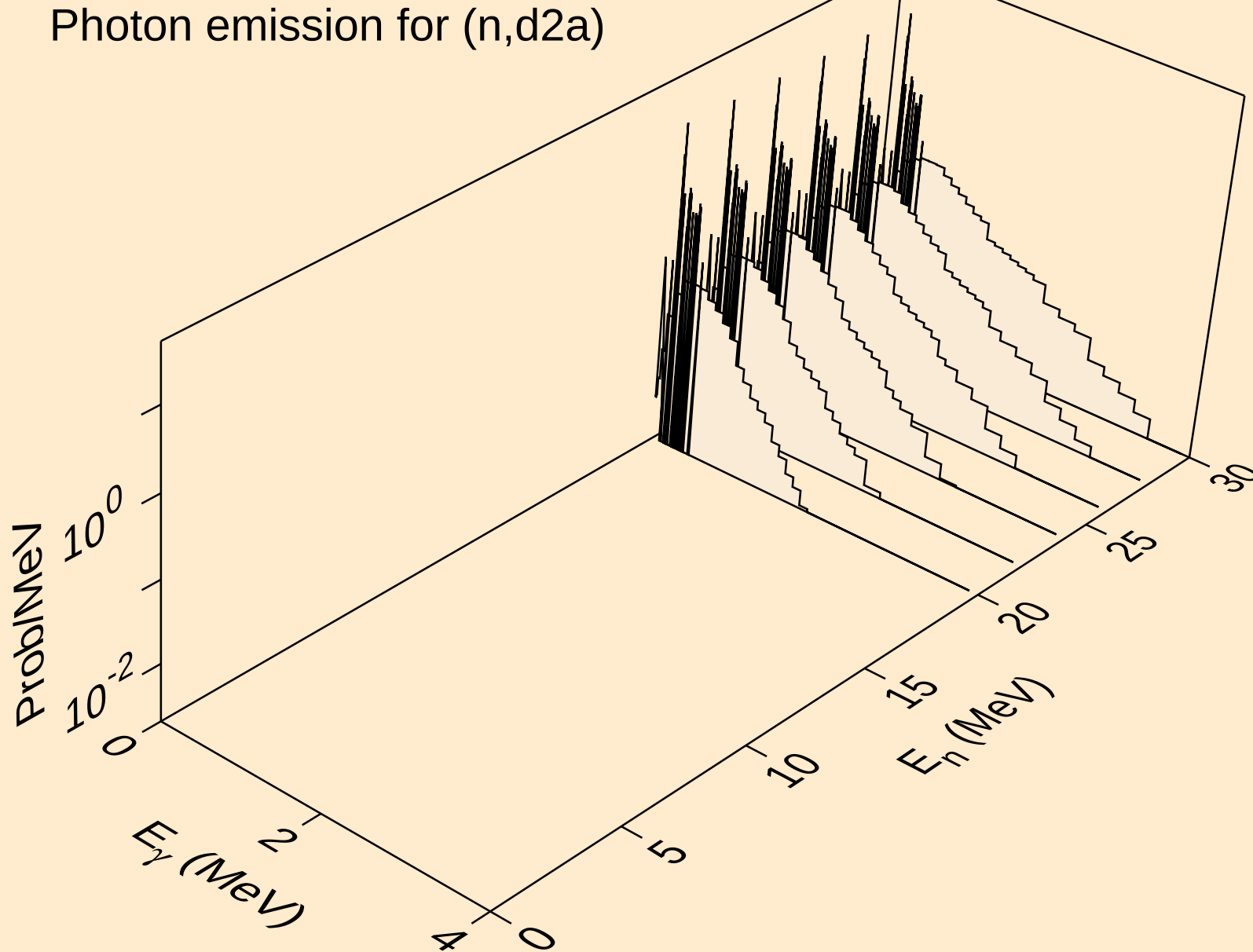
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2p)



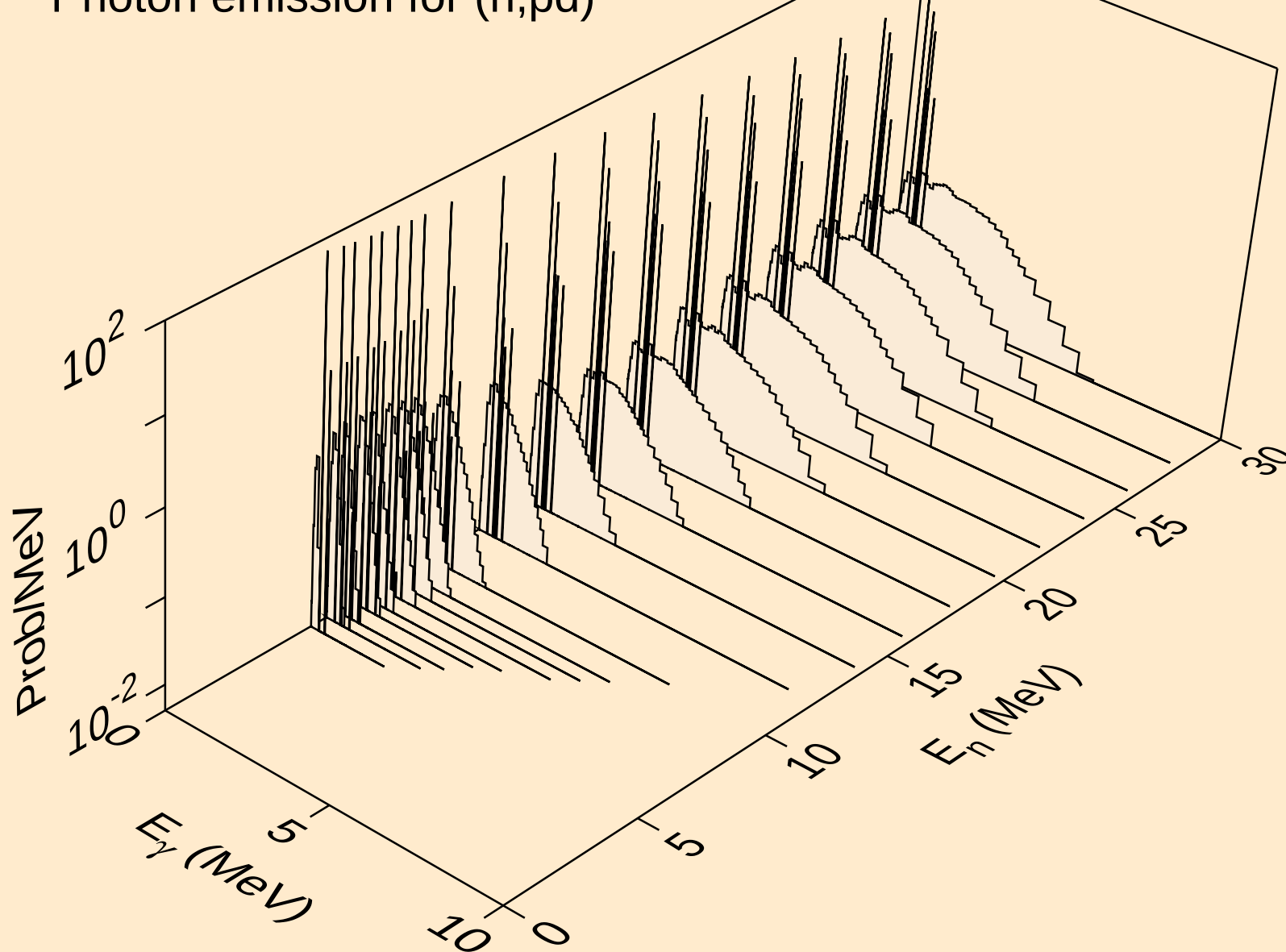
GD138 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,p α)



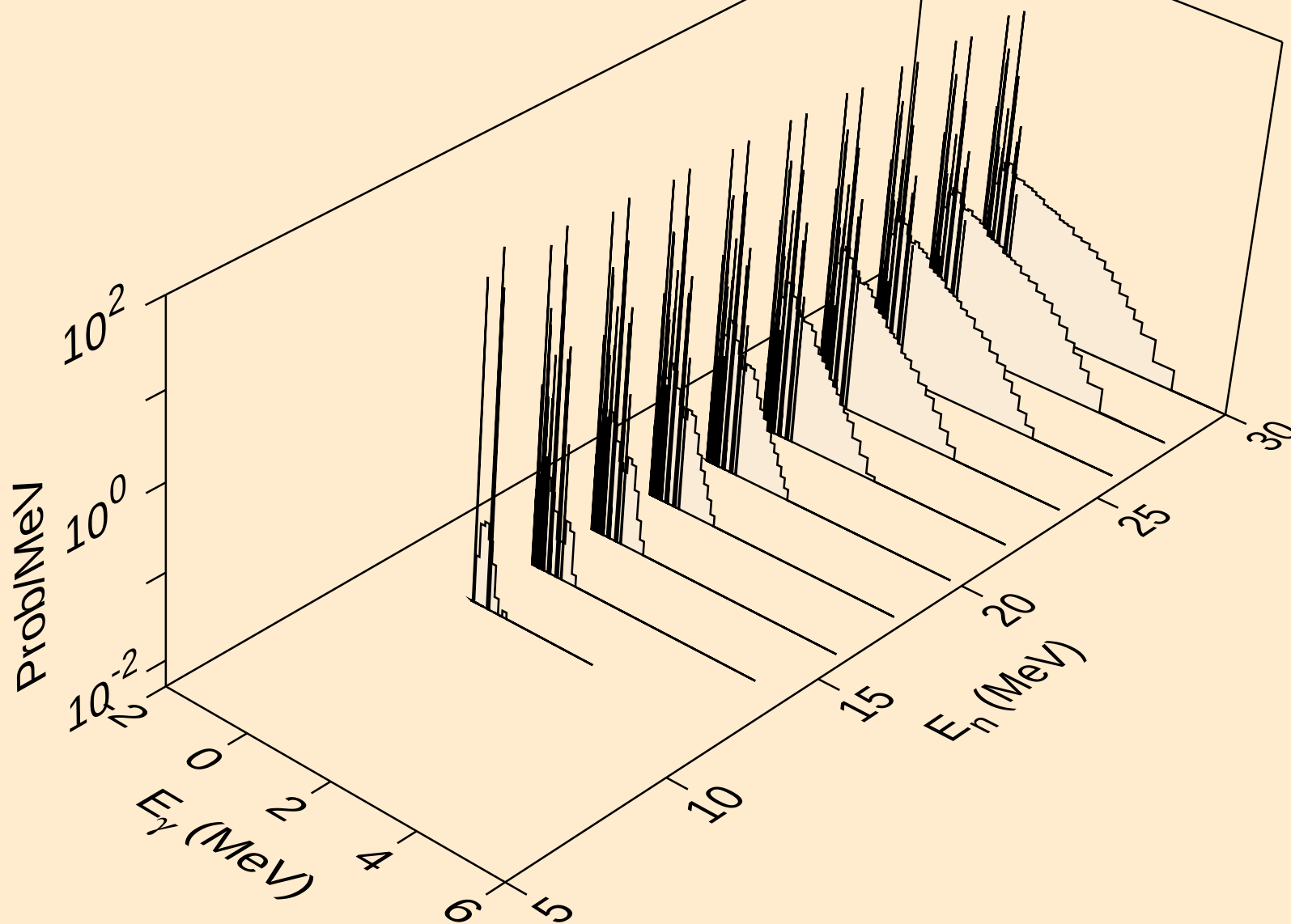
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d2a)



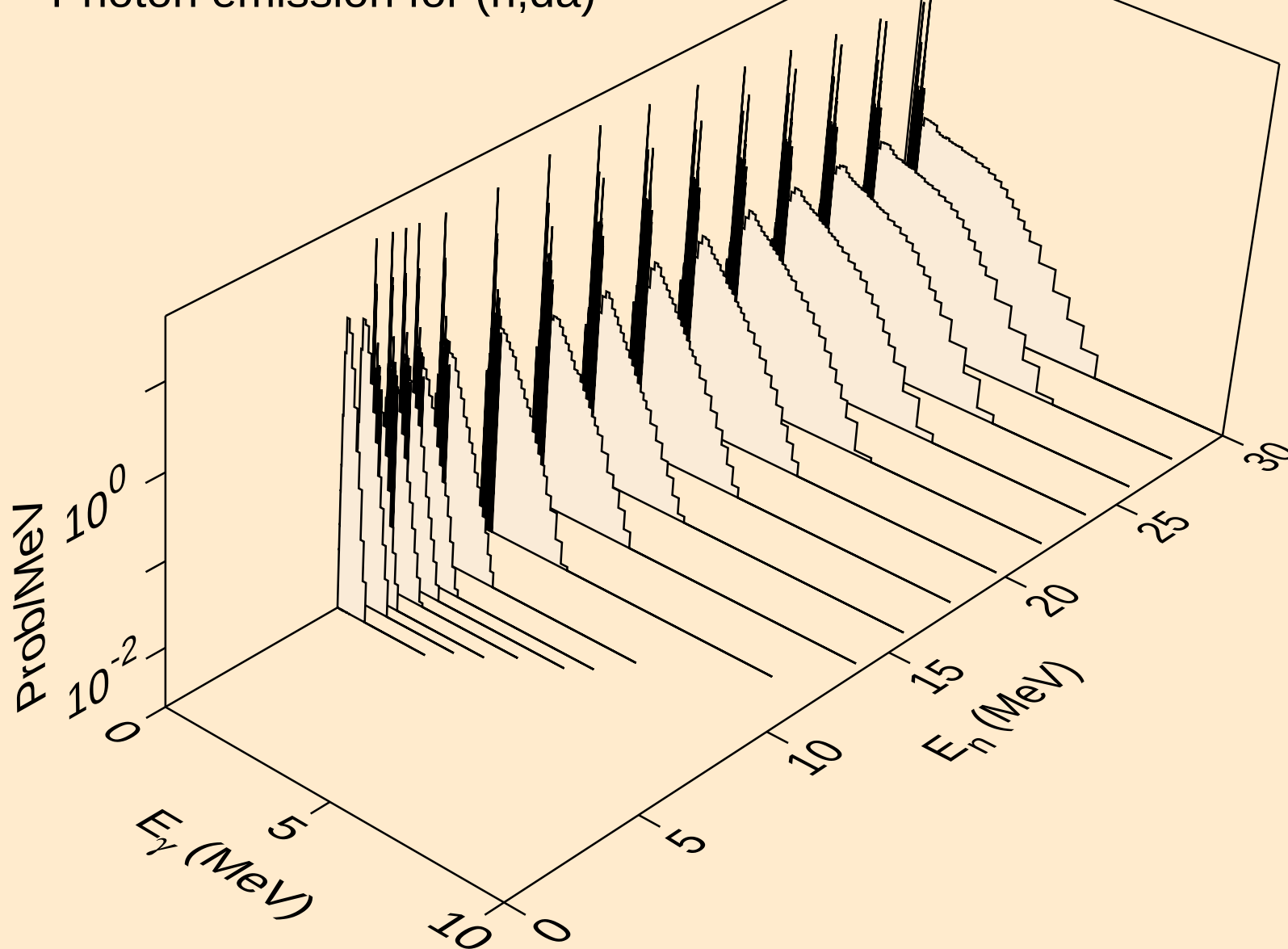
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



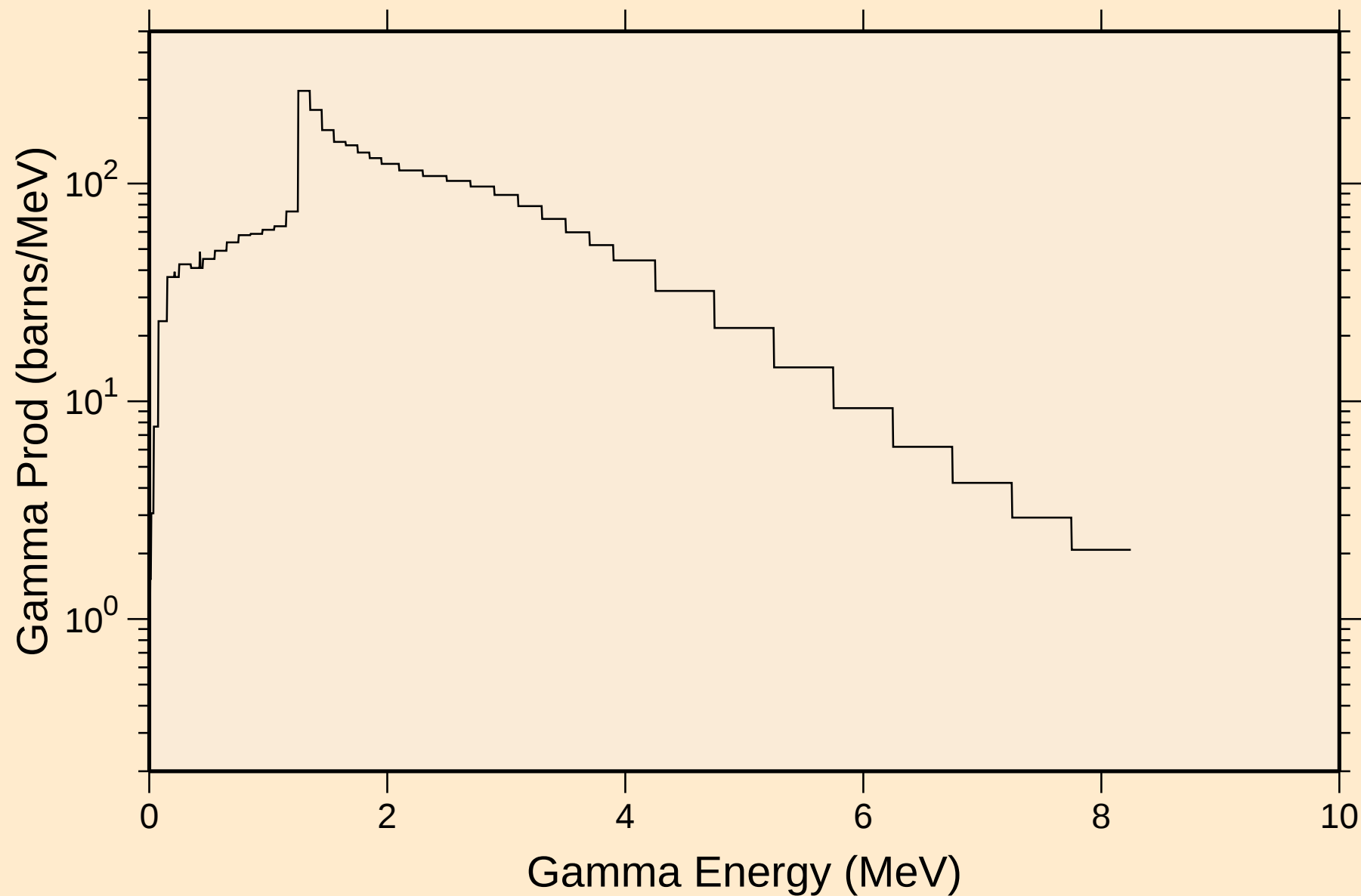
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



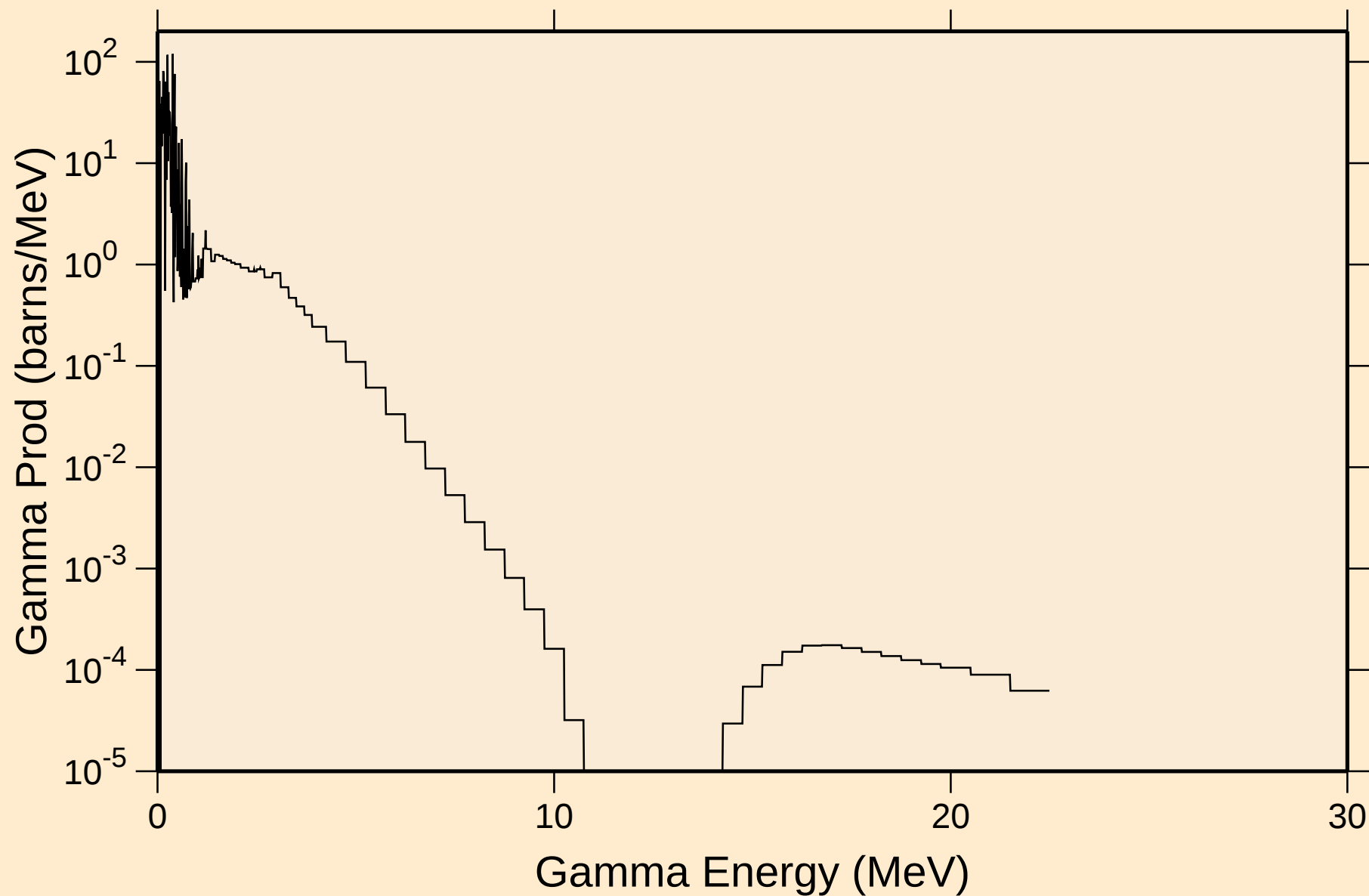
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

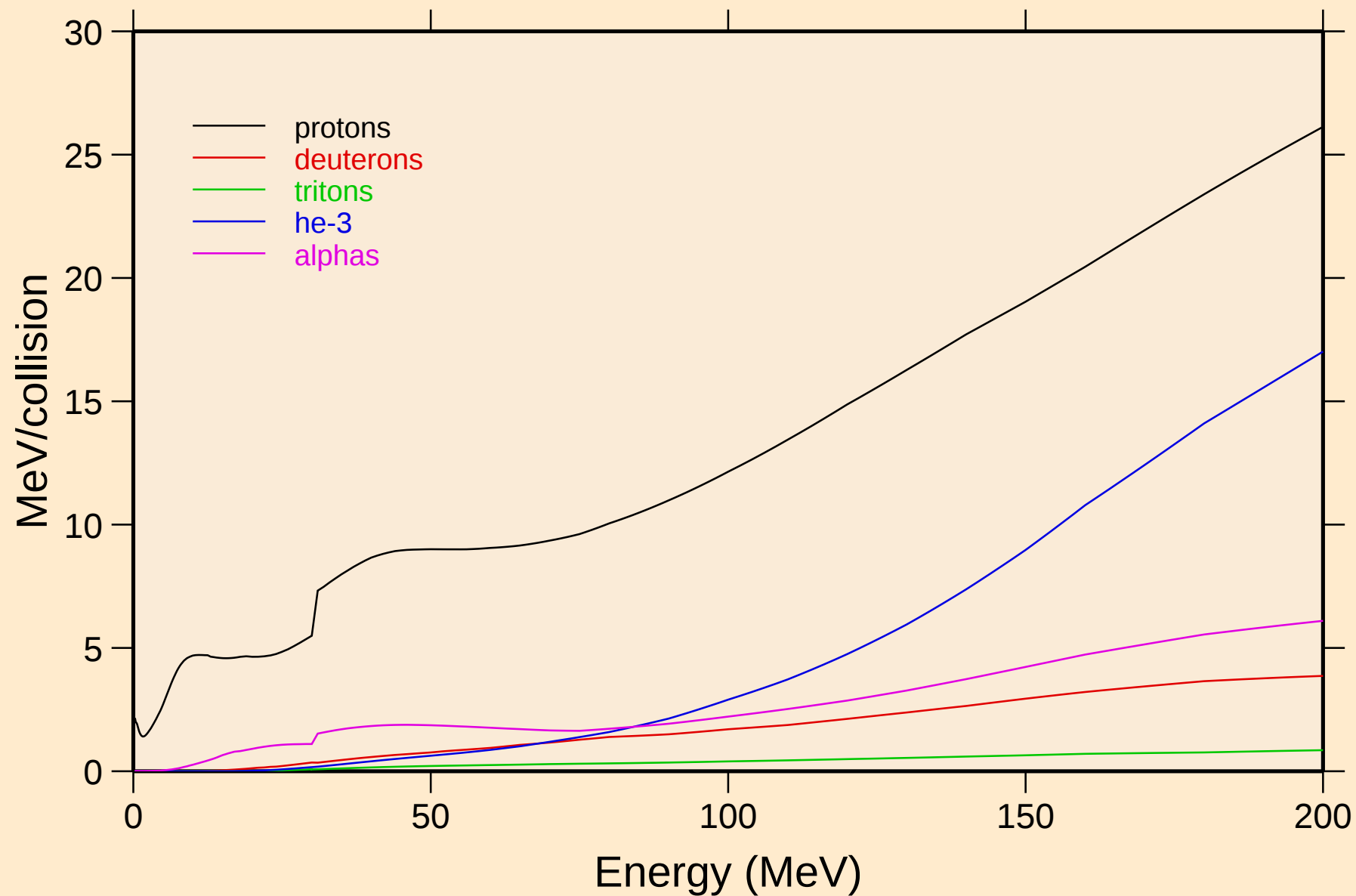


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum



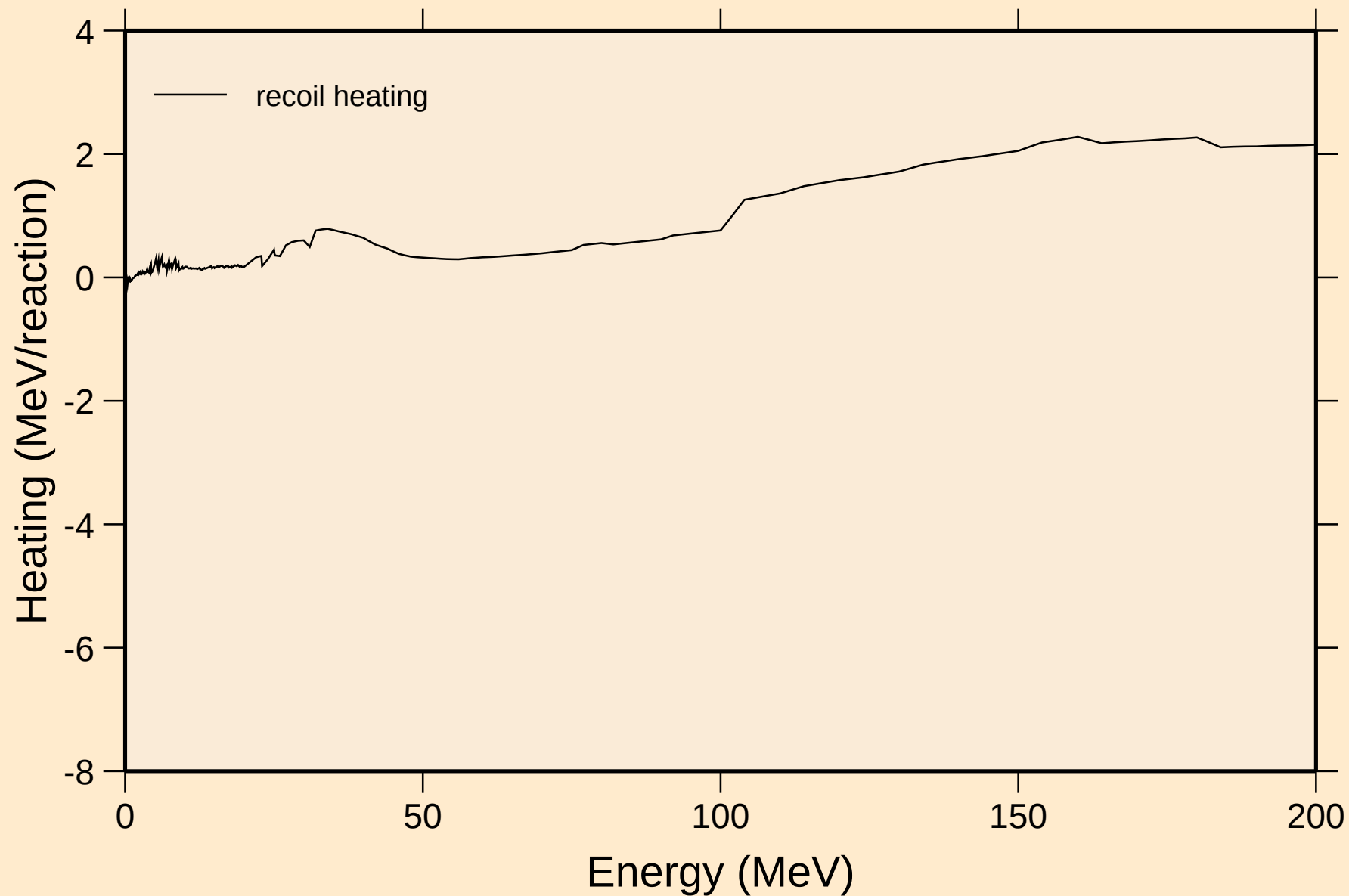
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



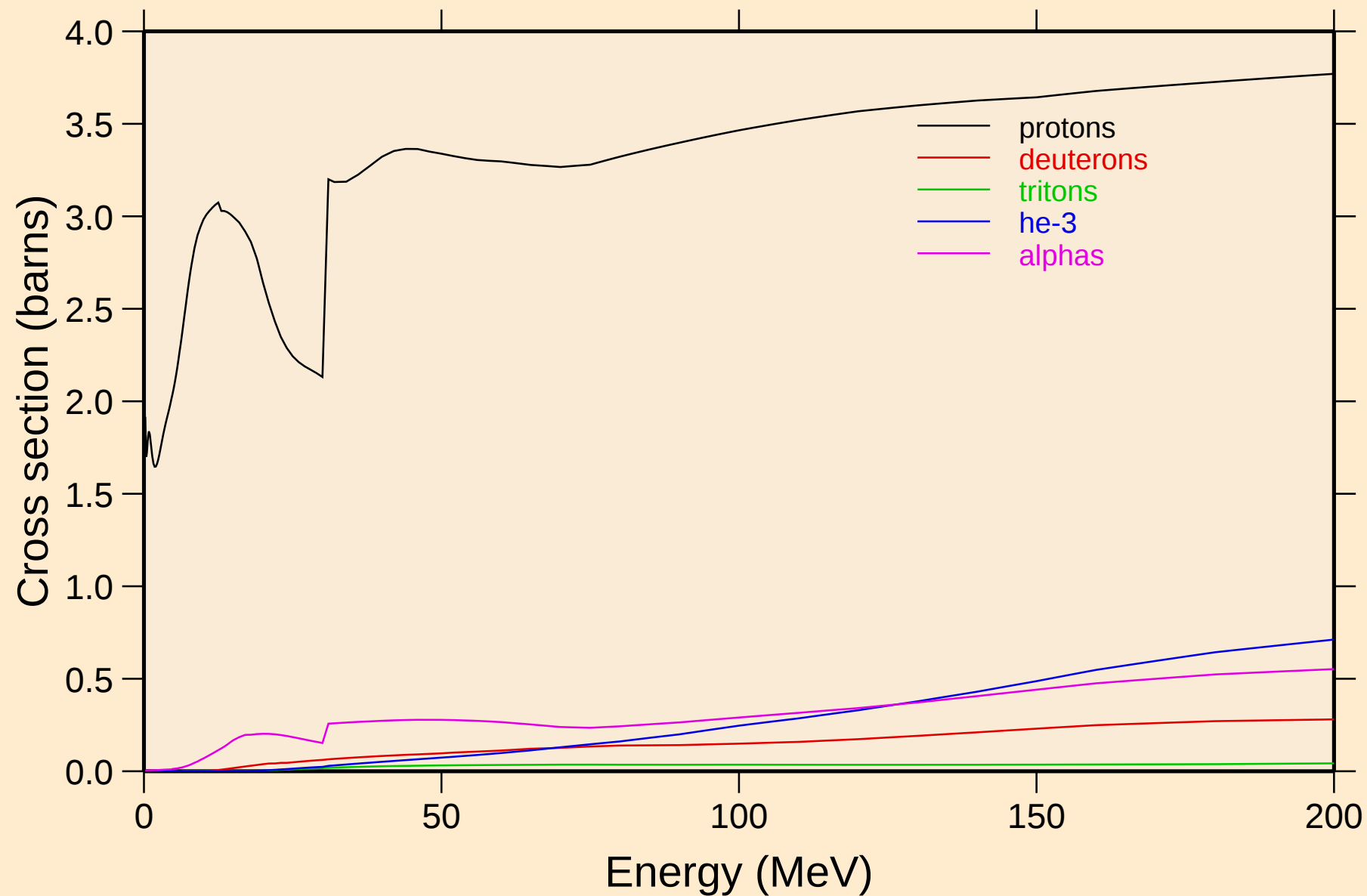
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

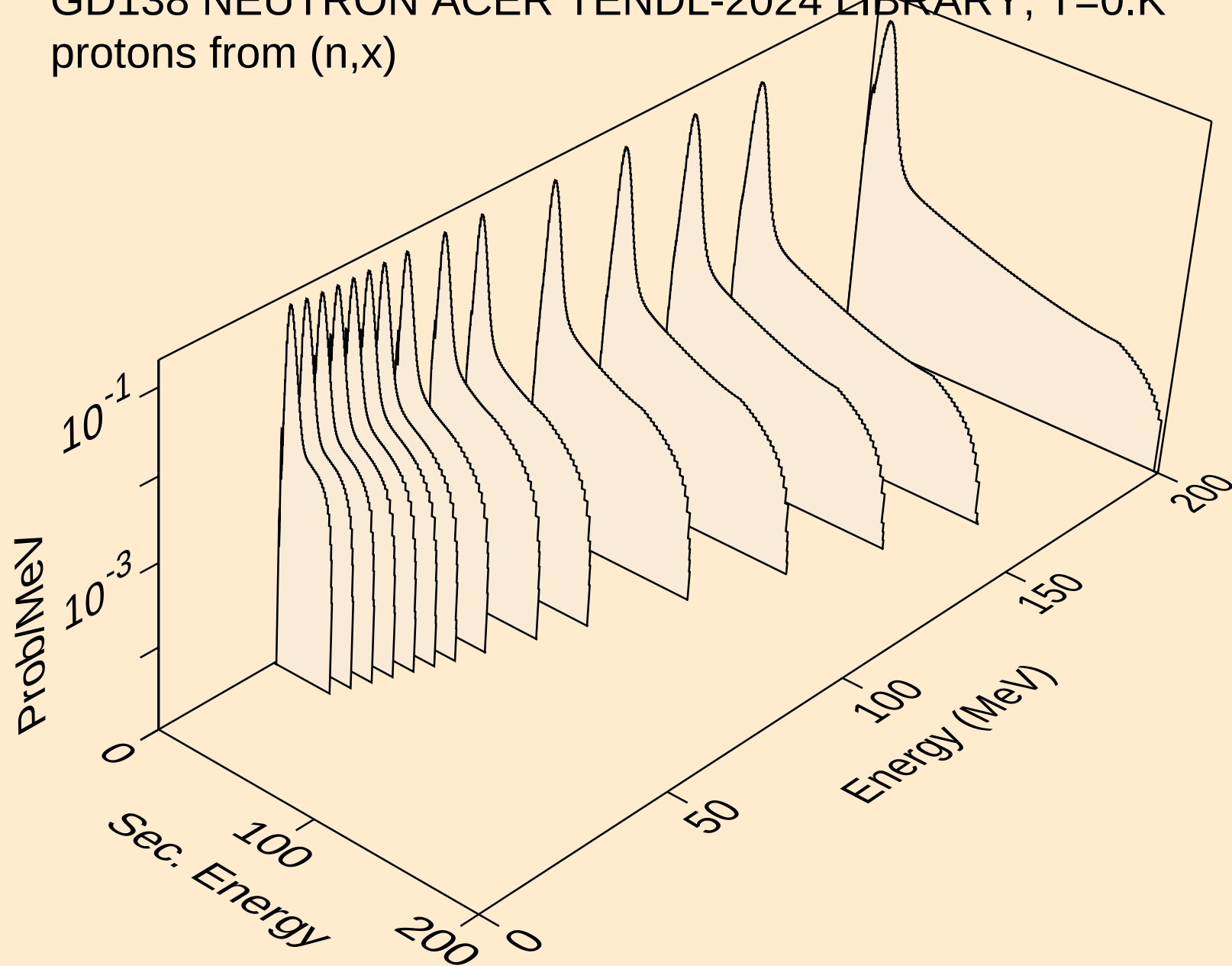


GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

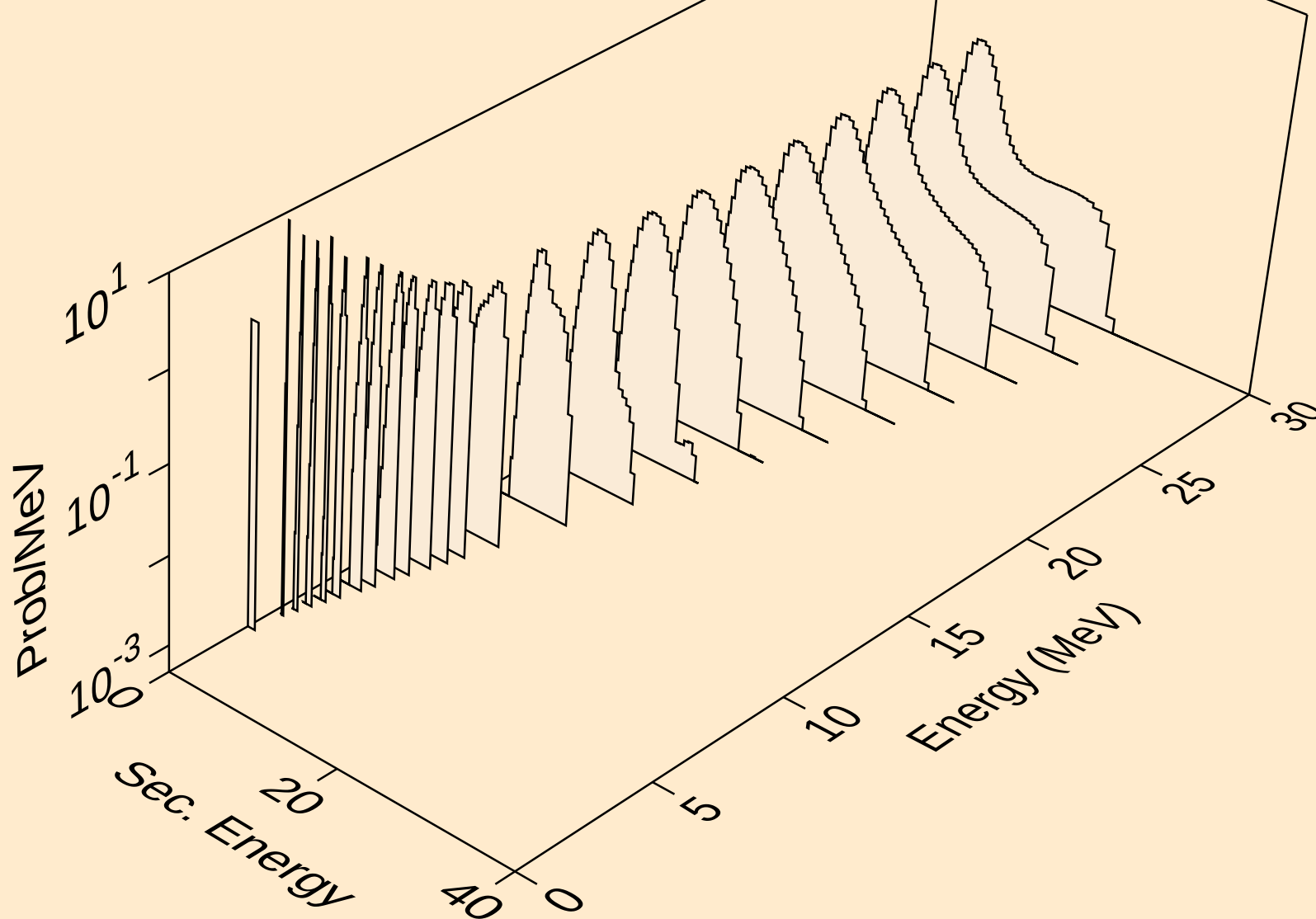
Particle production cross sections



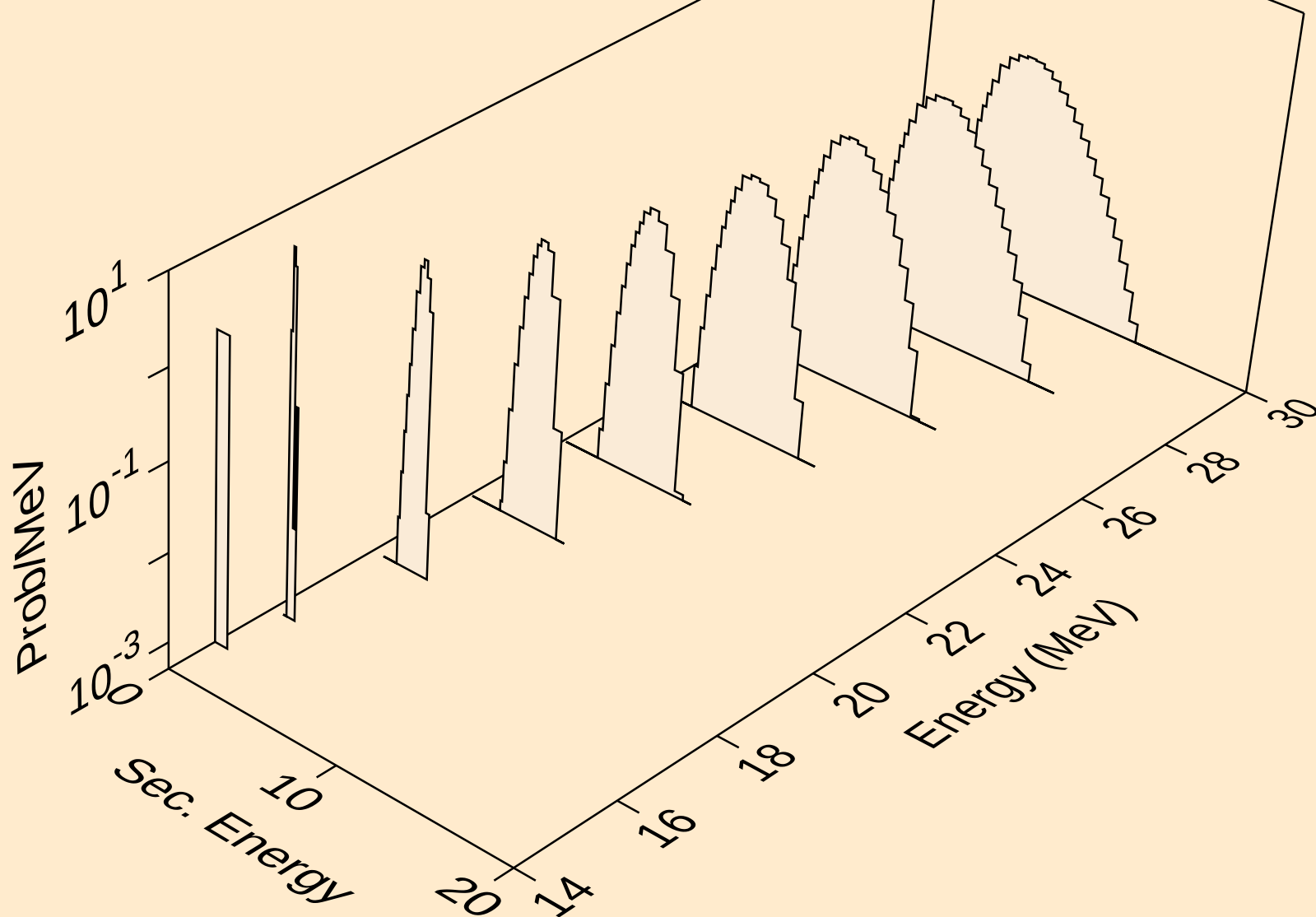
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



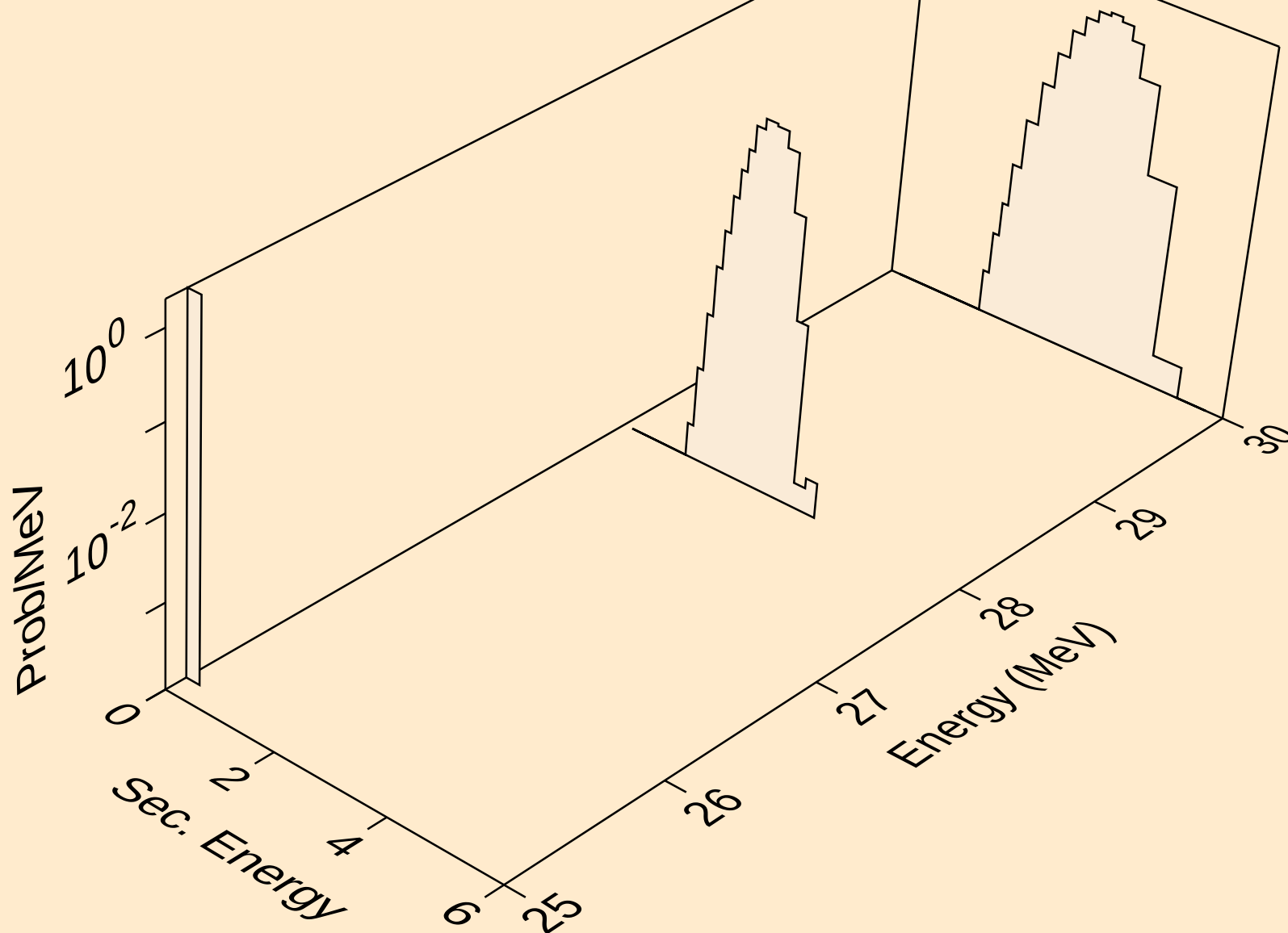
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



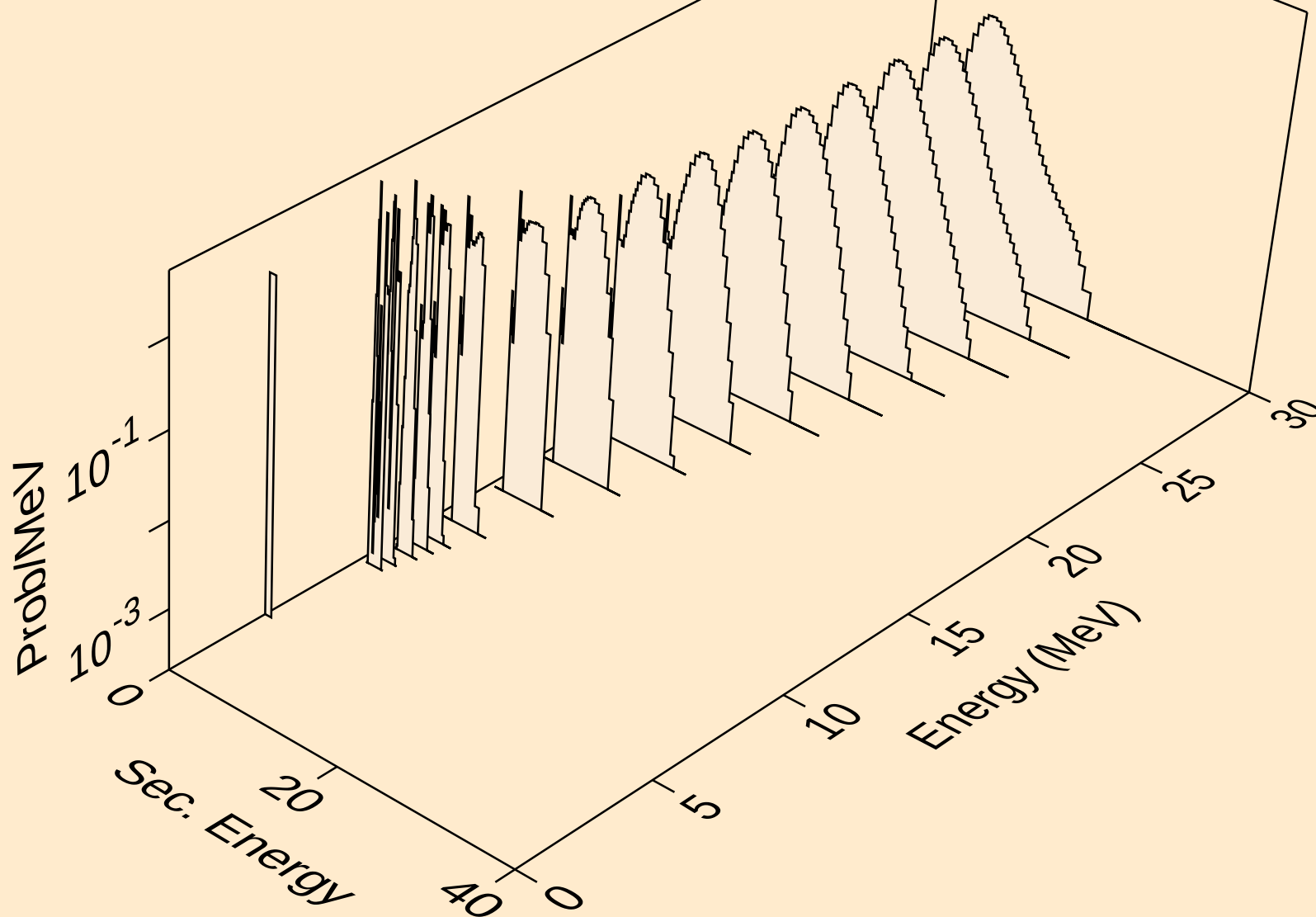
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



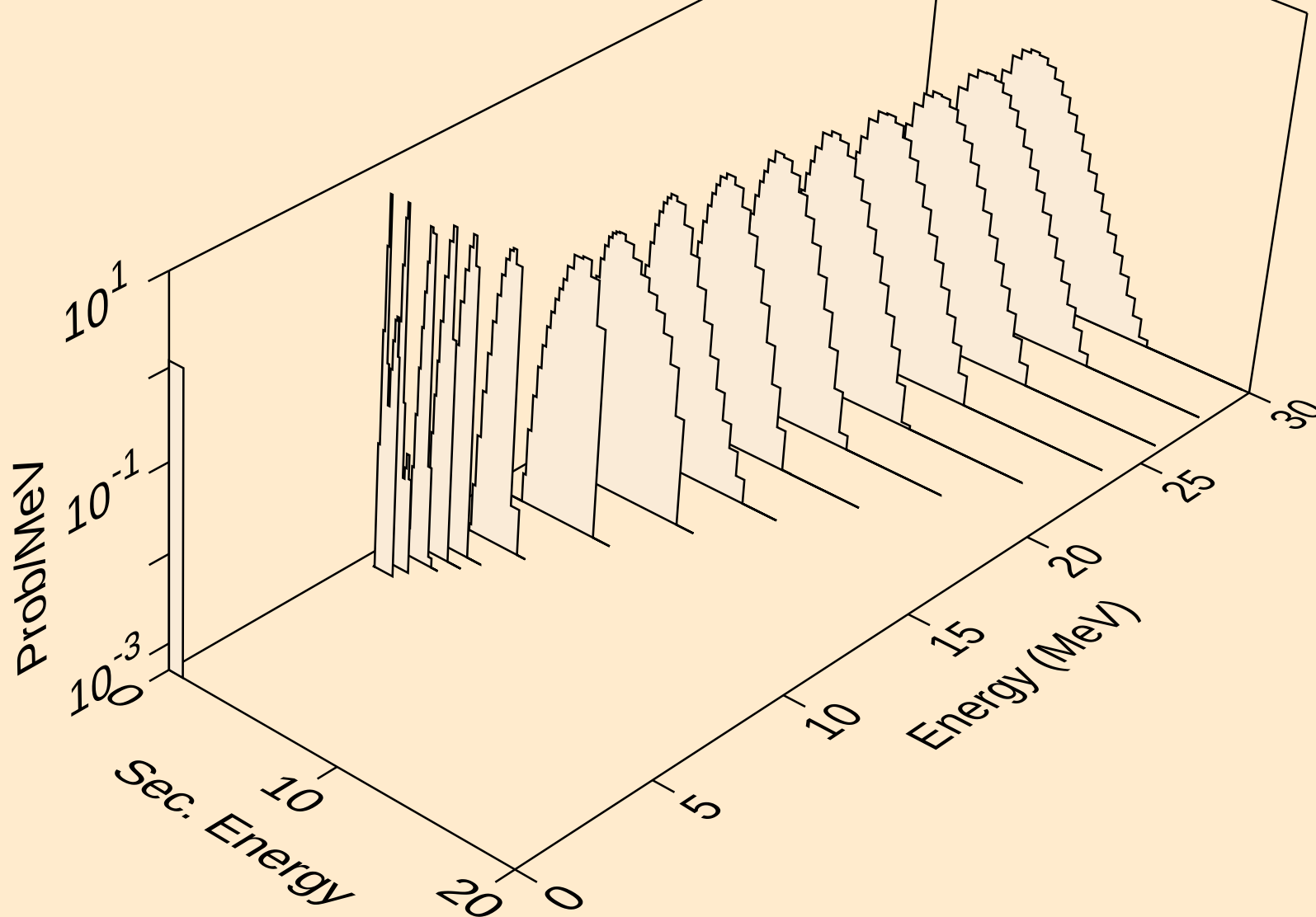
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protons from (n,3np)



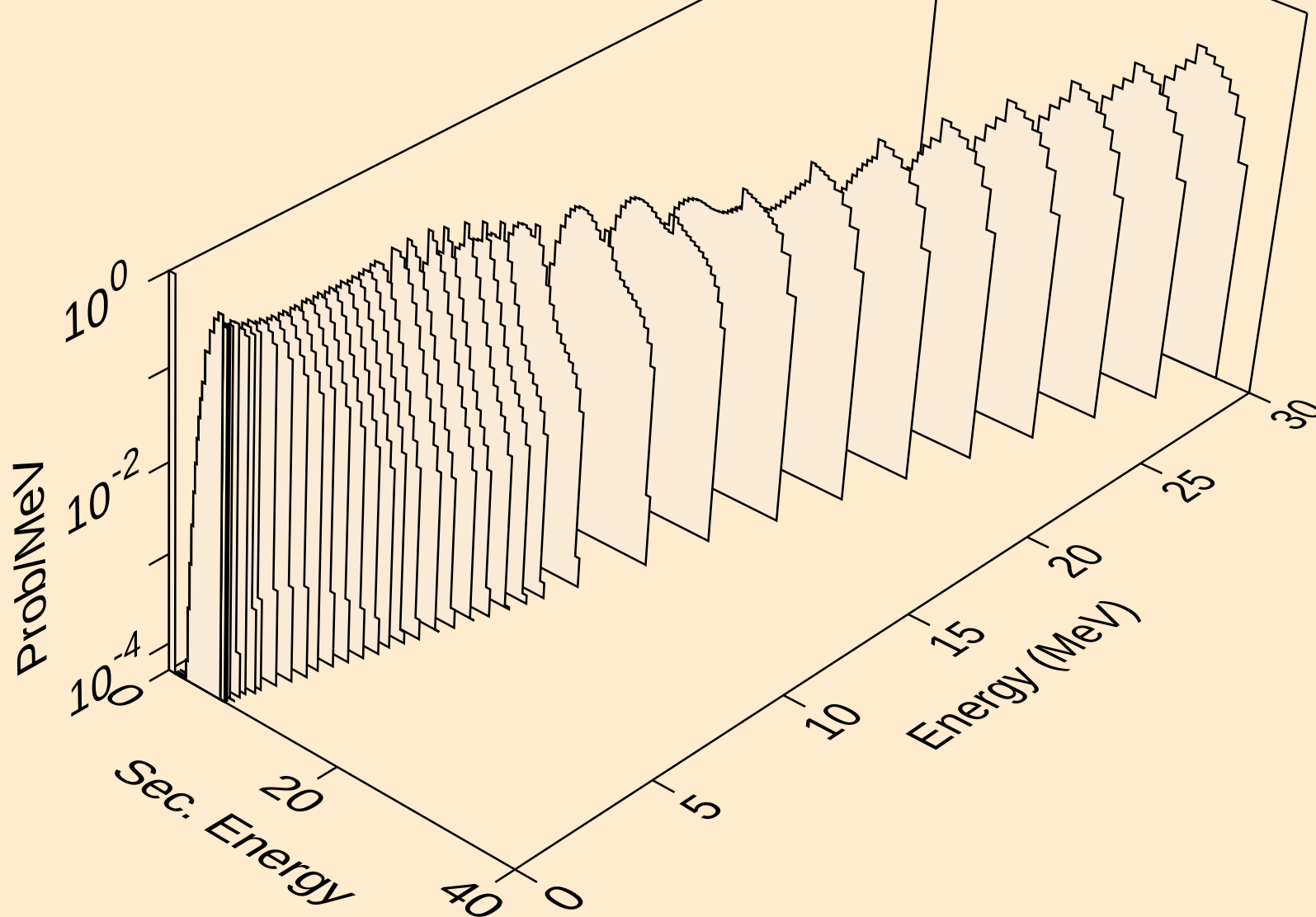
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



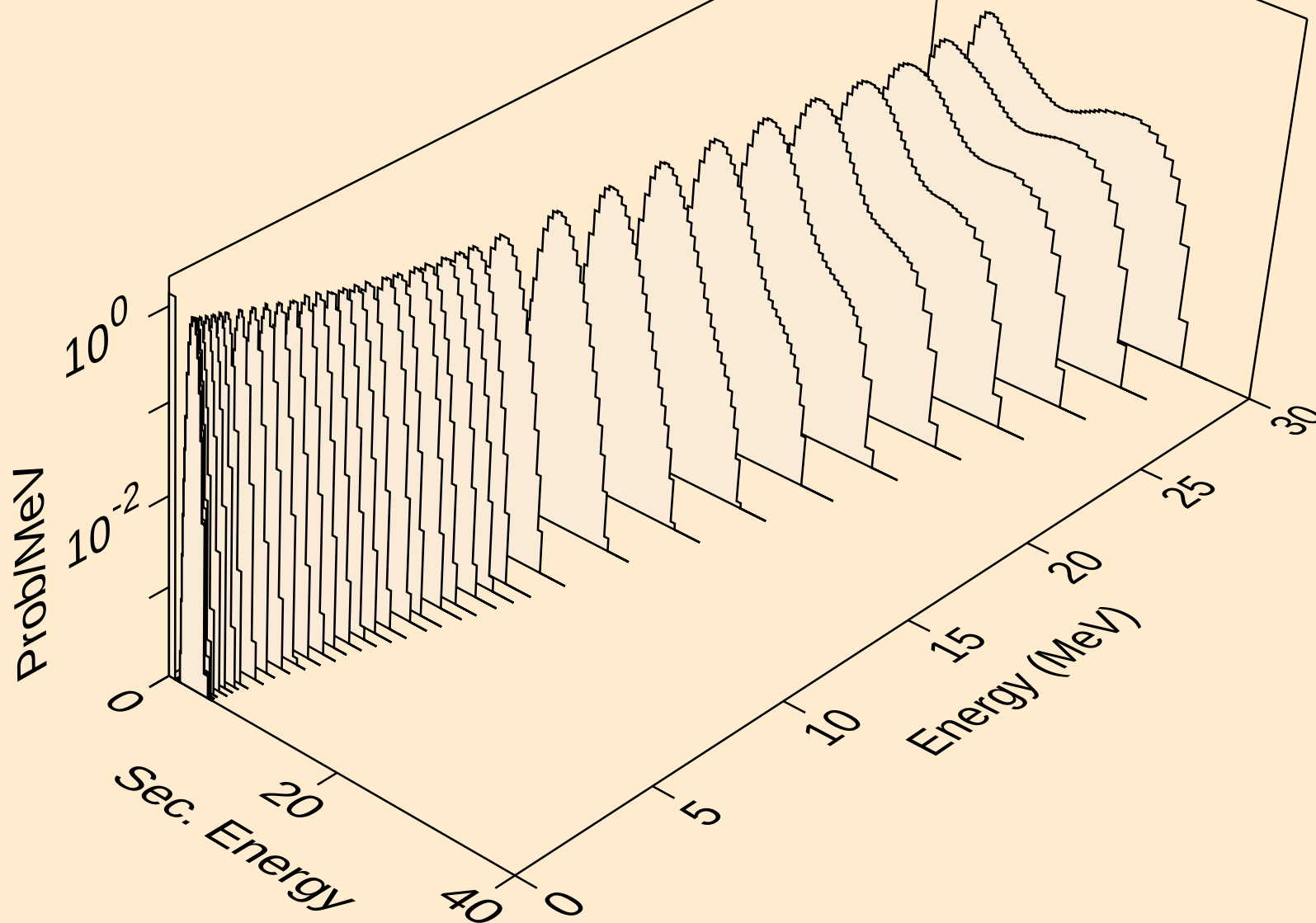
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



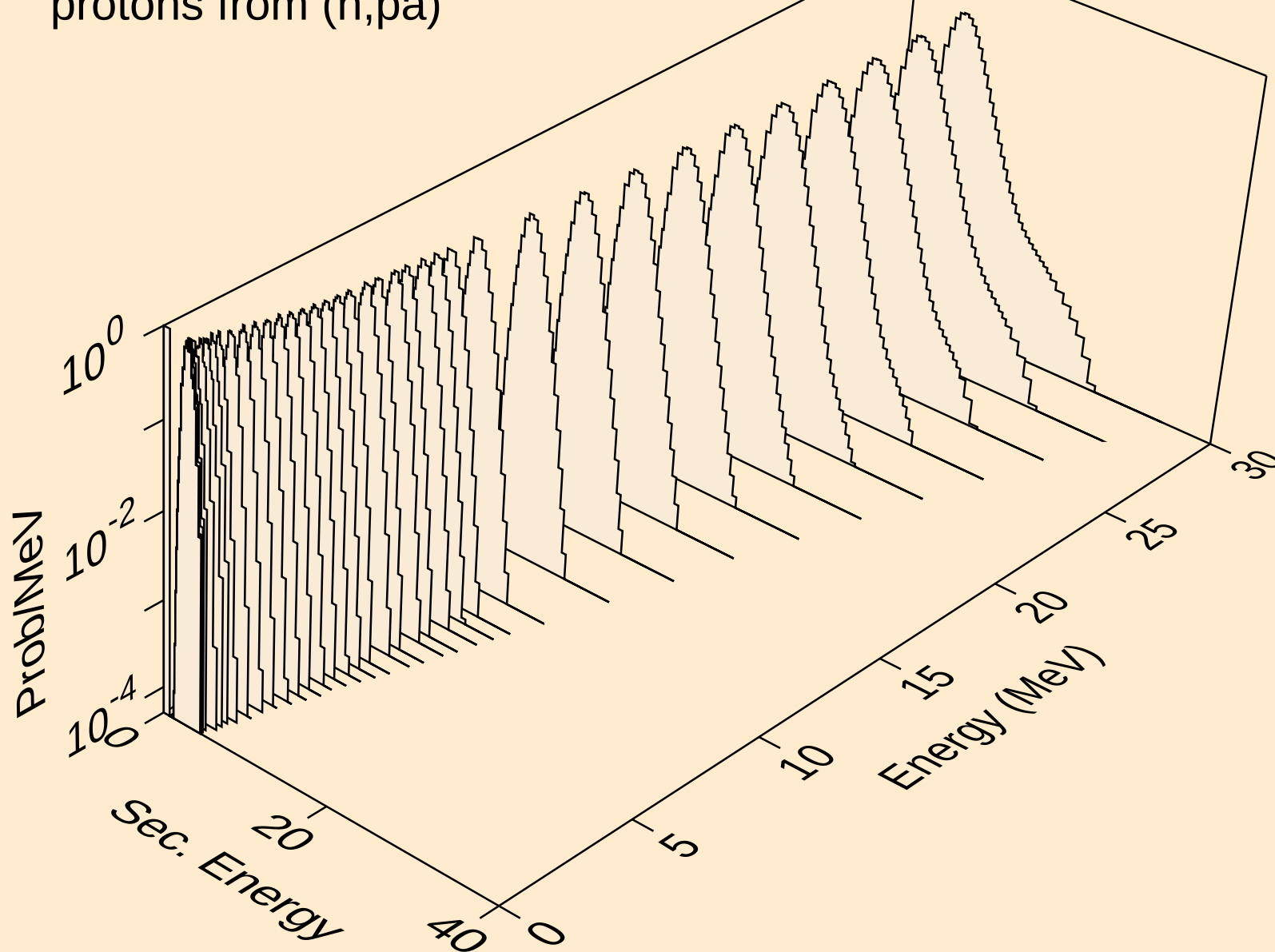
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



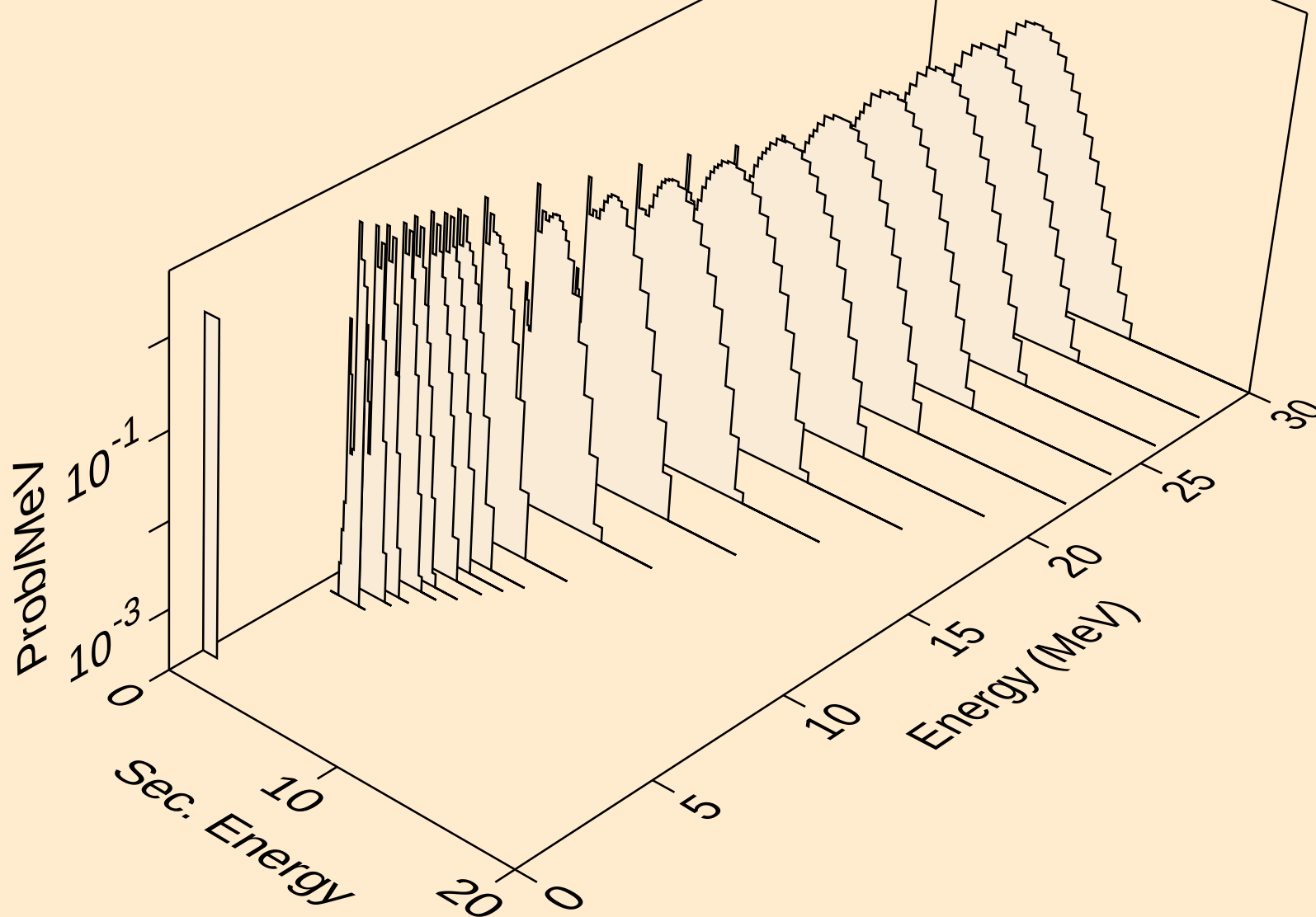
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protons from (n,2p)



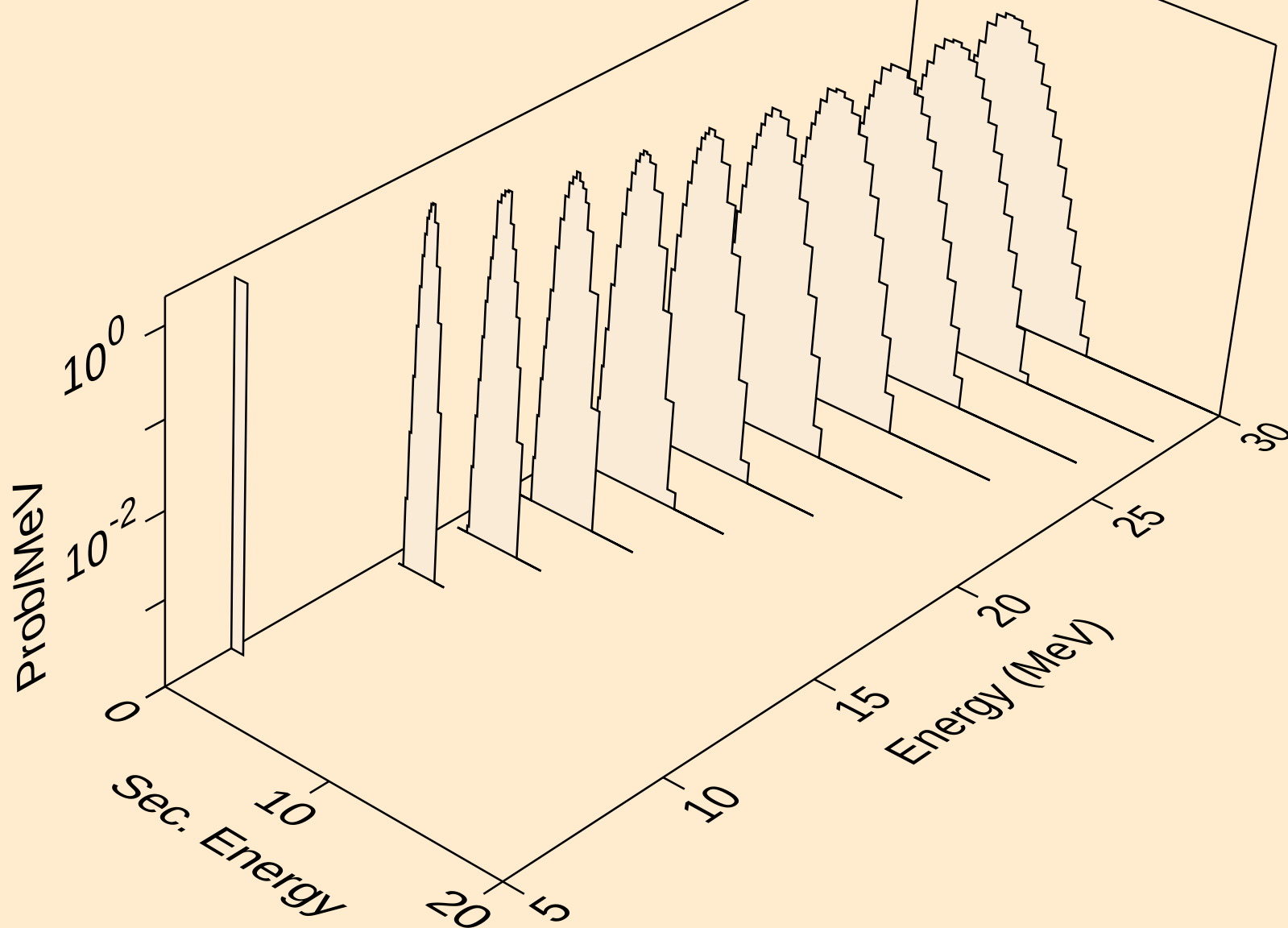
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



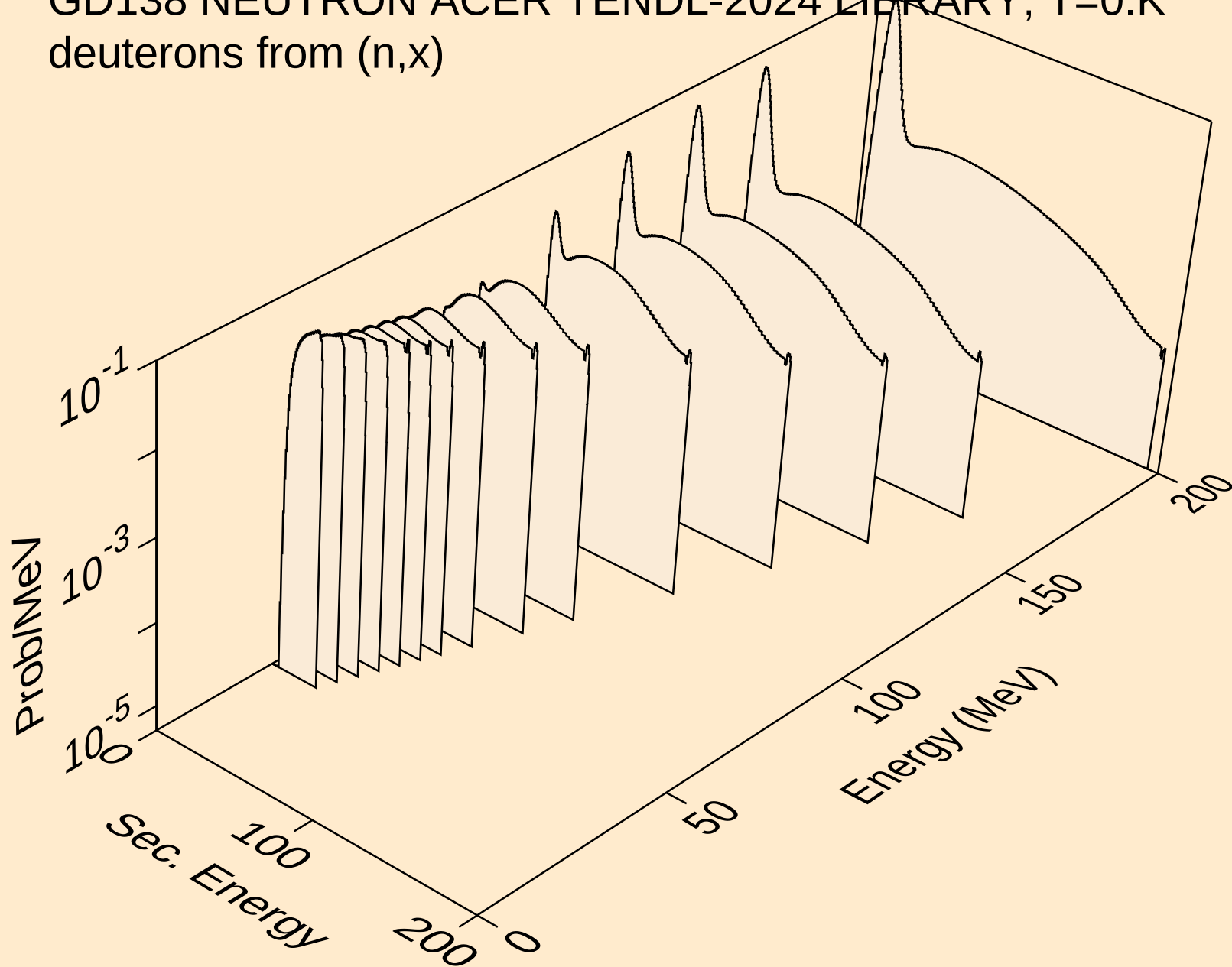
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



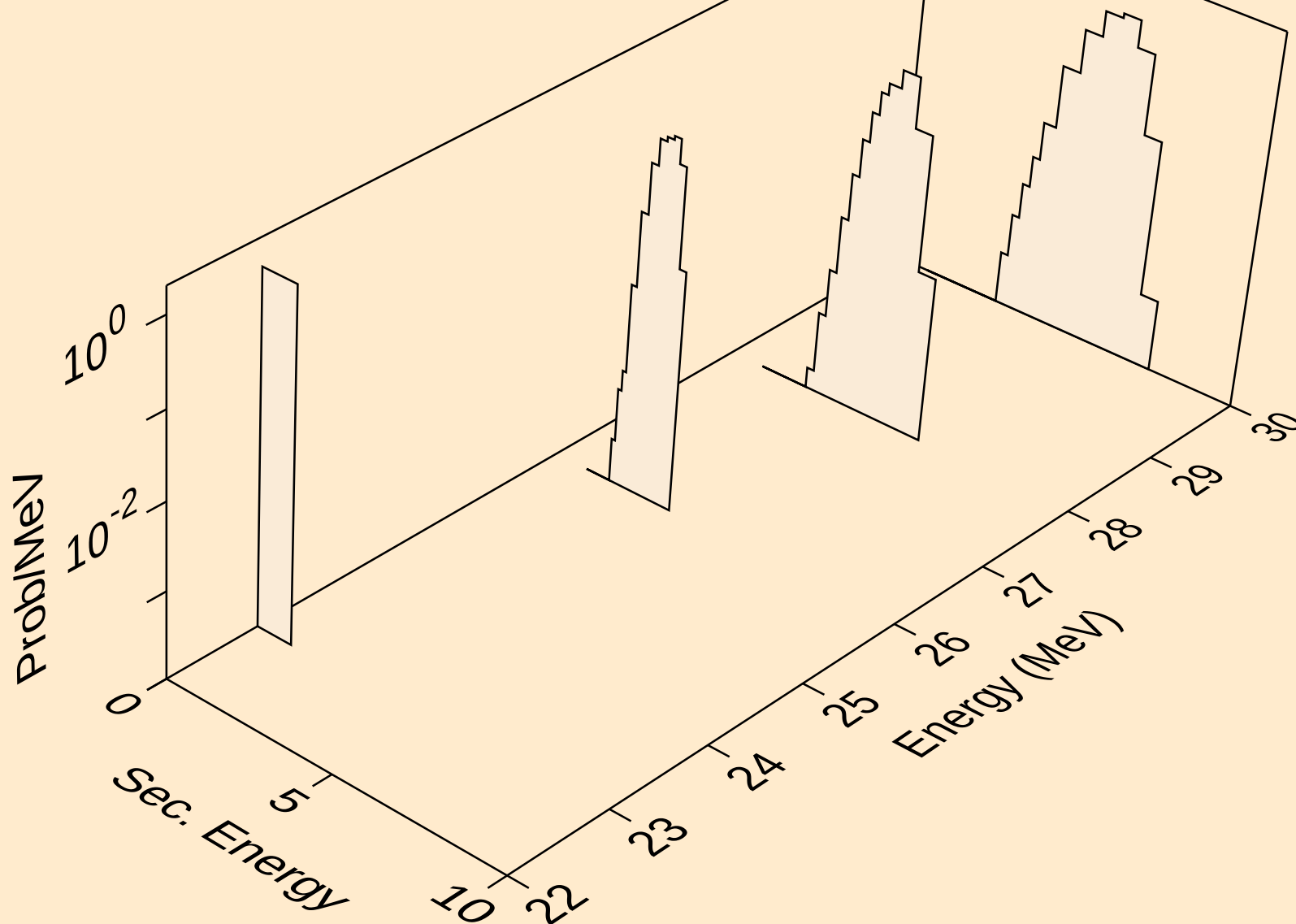
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



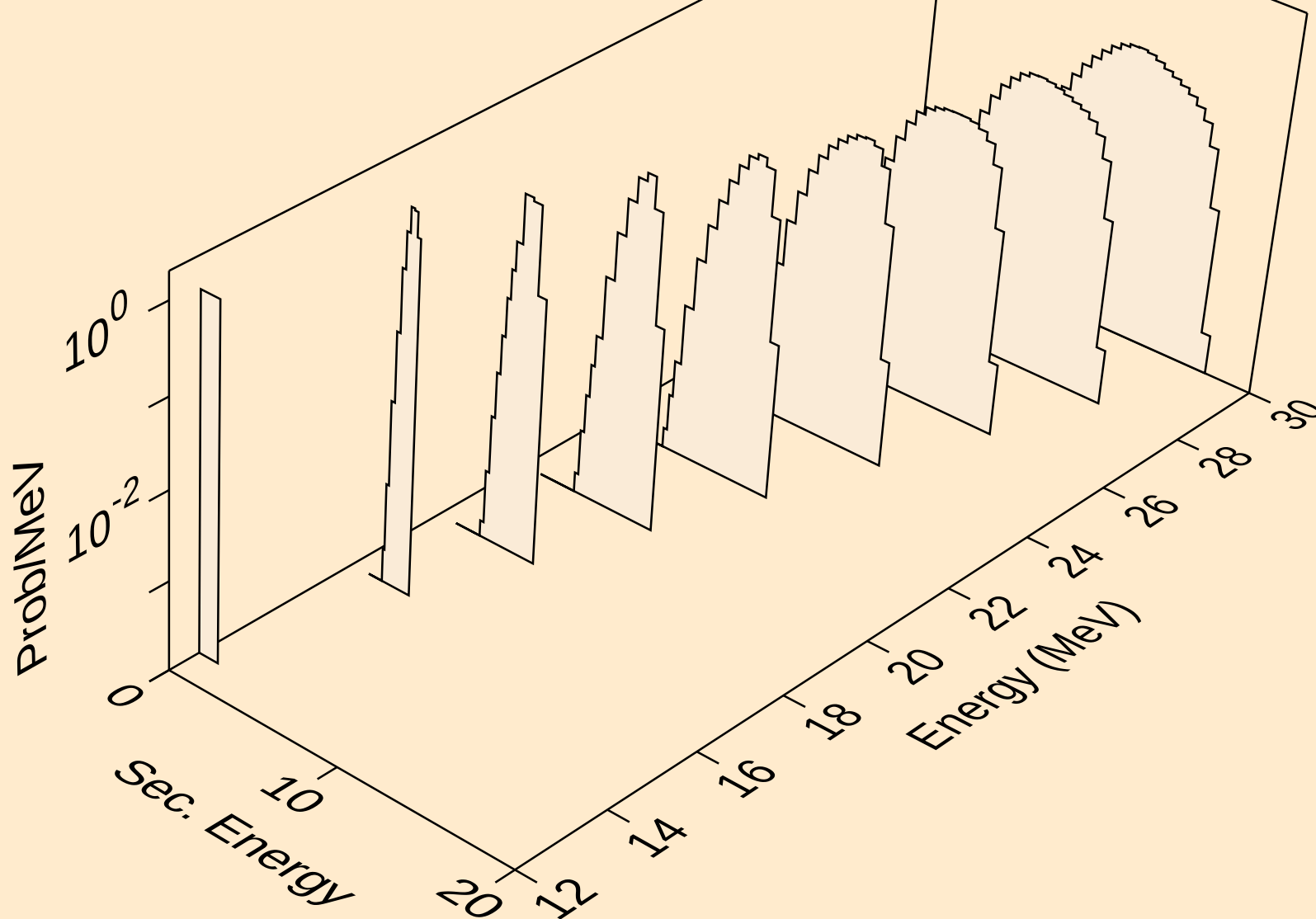
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



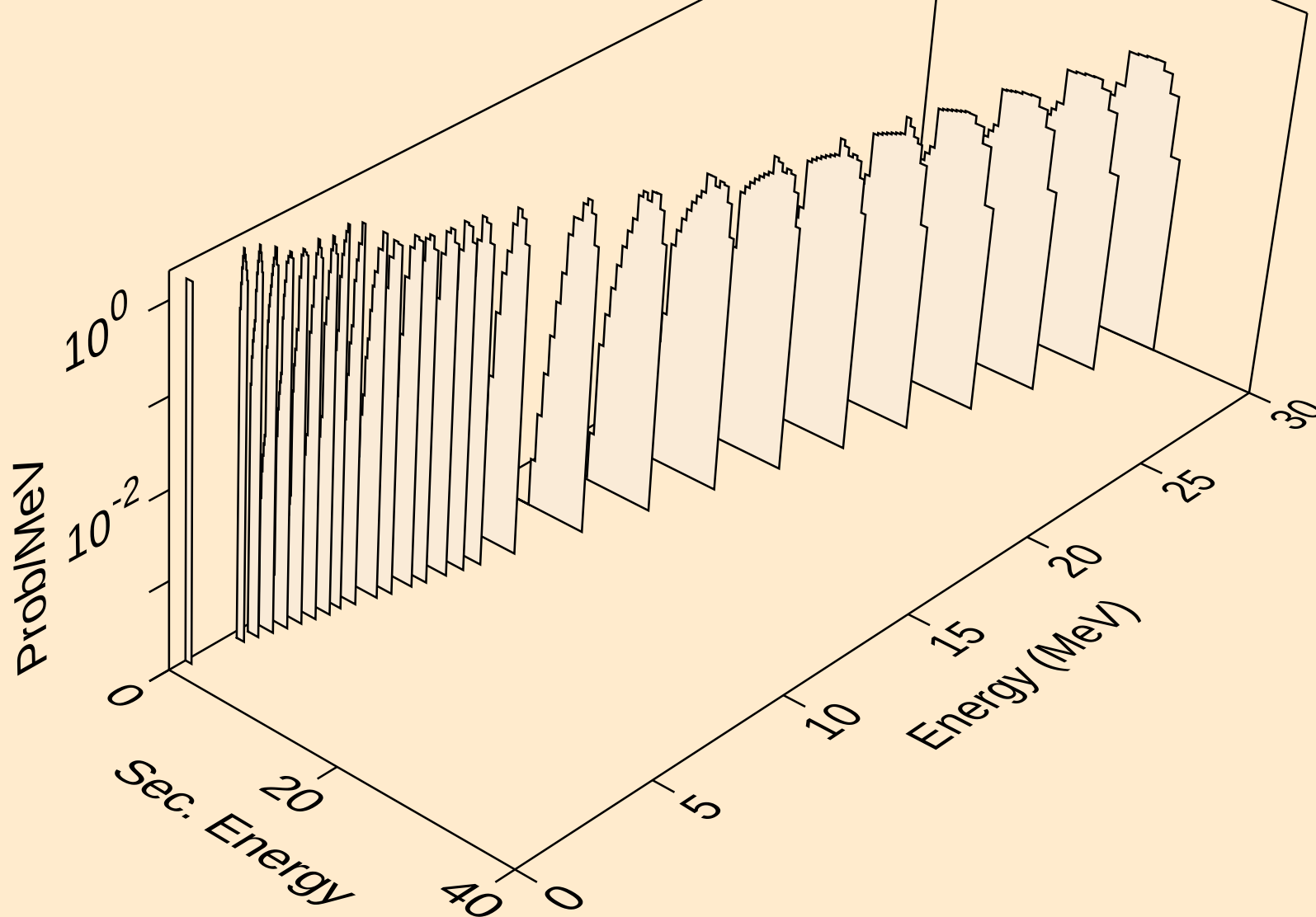
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



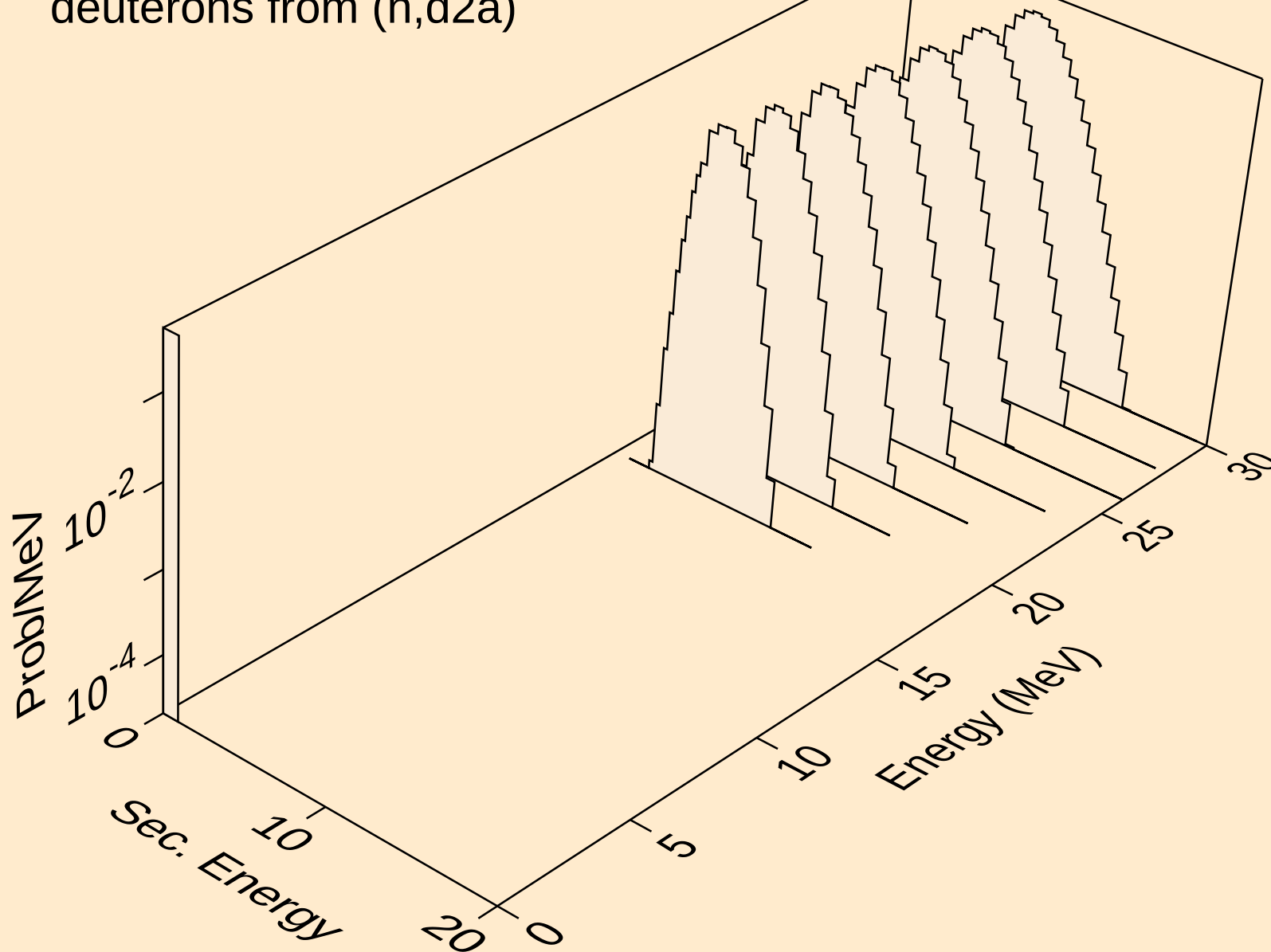
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



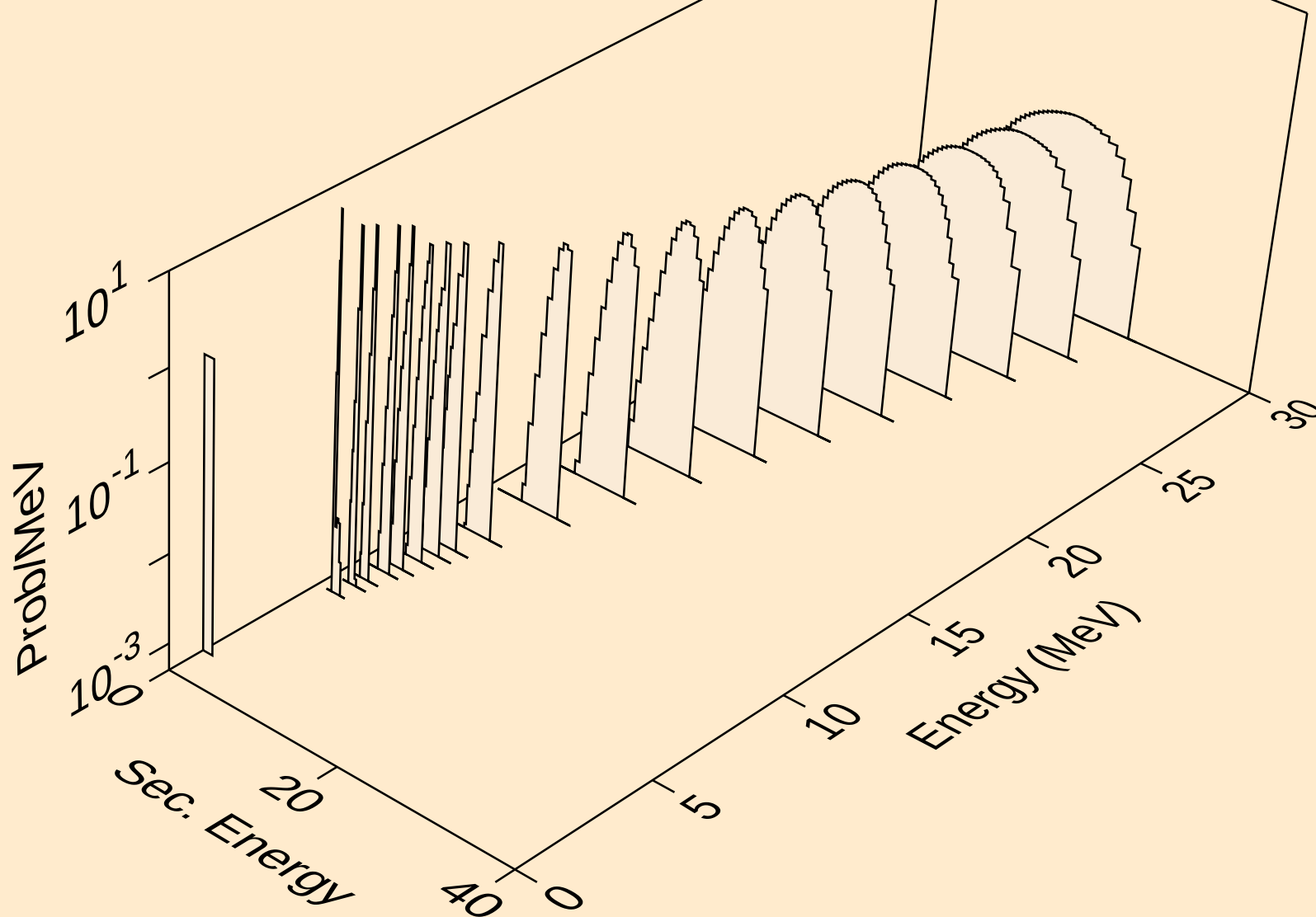
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deuterons from (n,d)



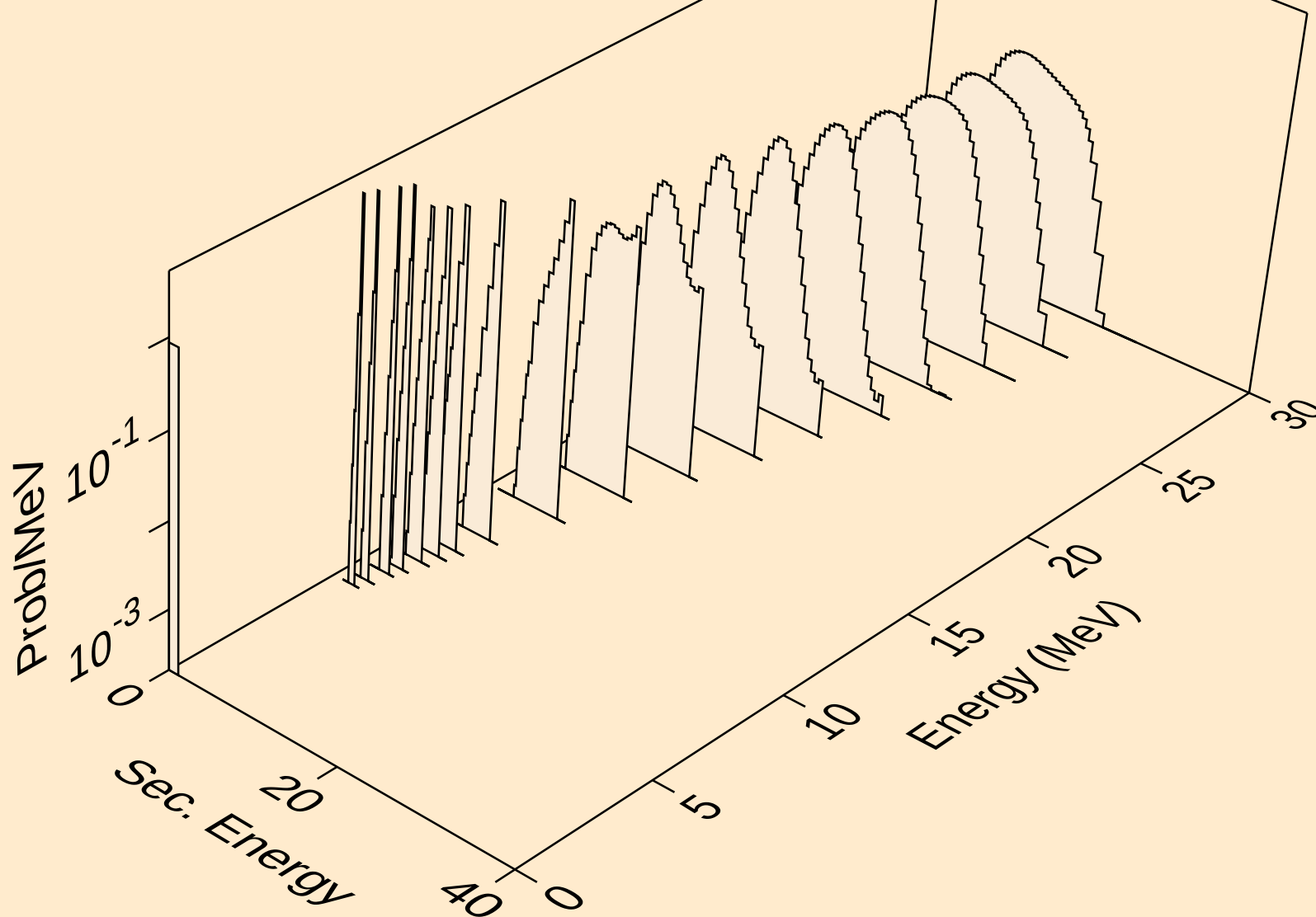
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d2a)



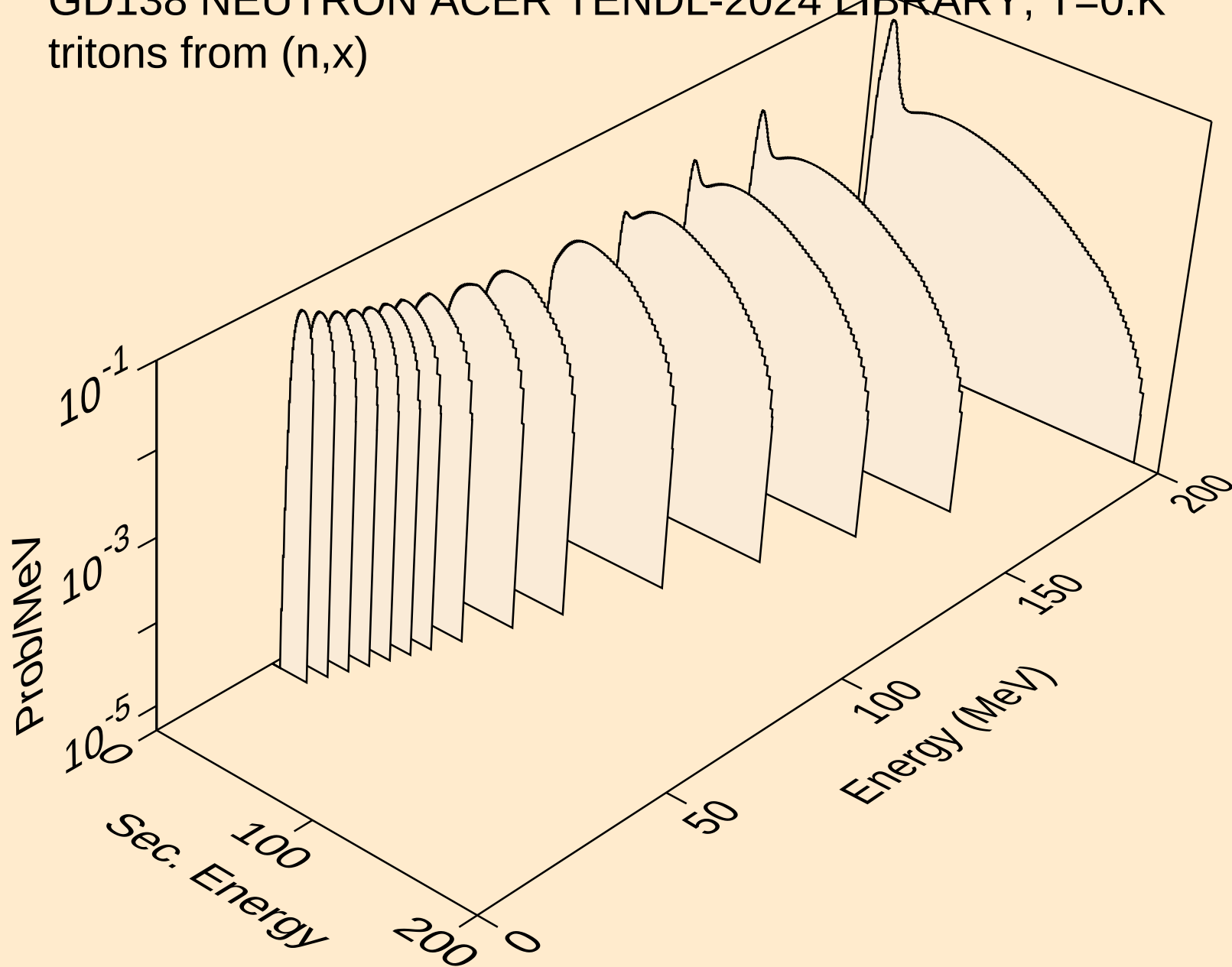
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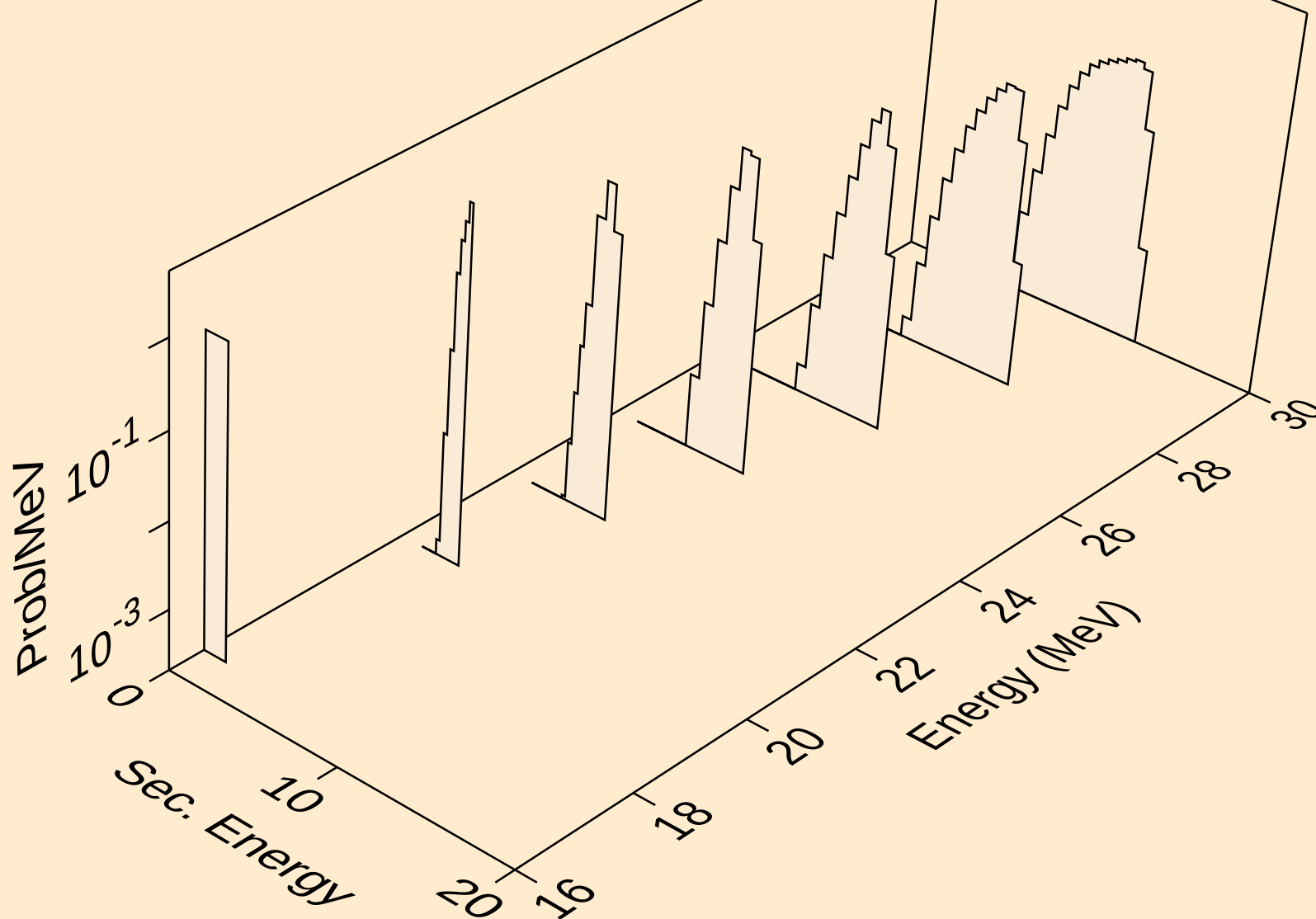
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deuterons from (n,da)



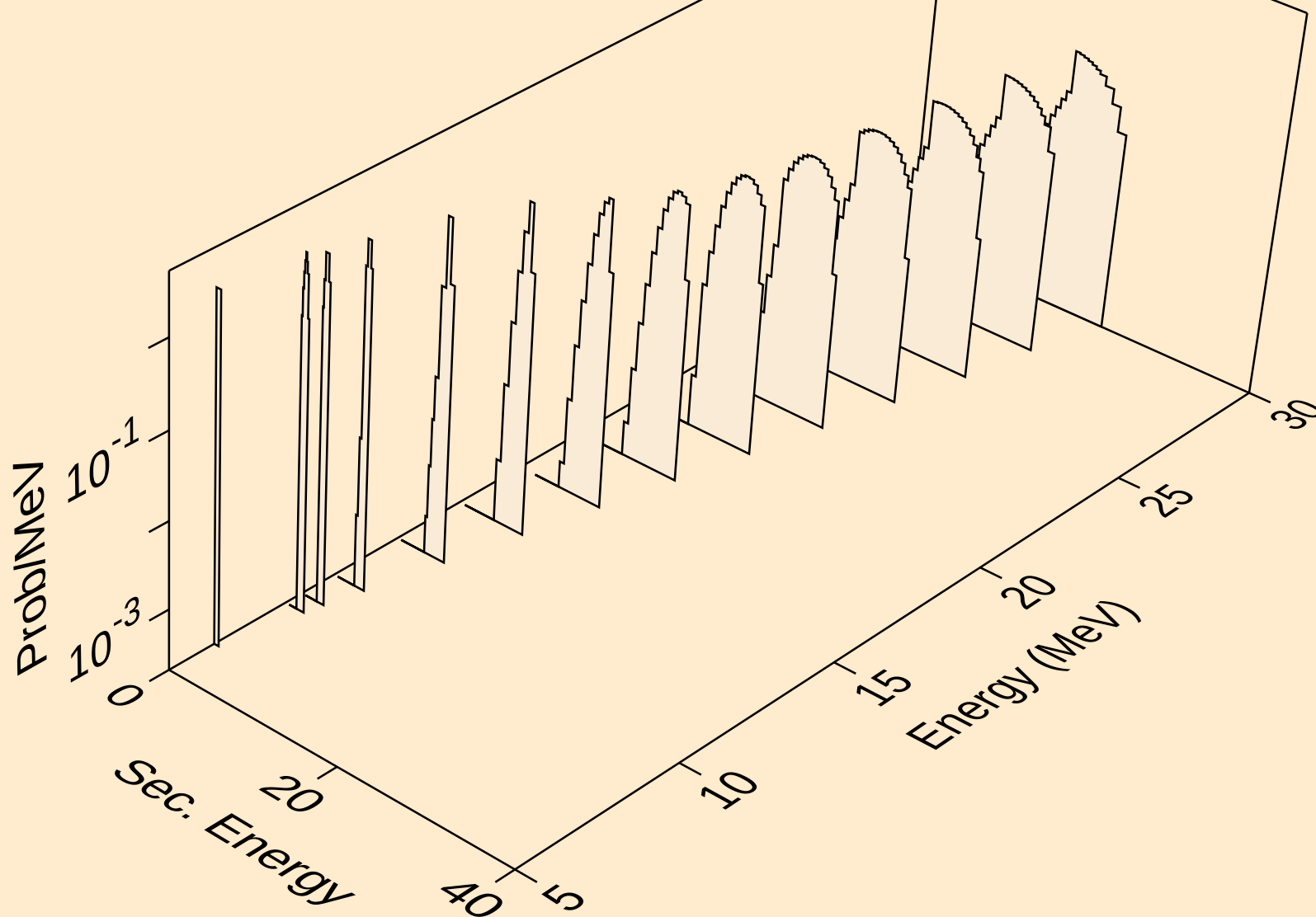
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



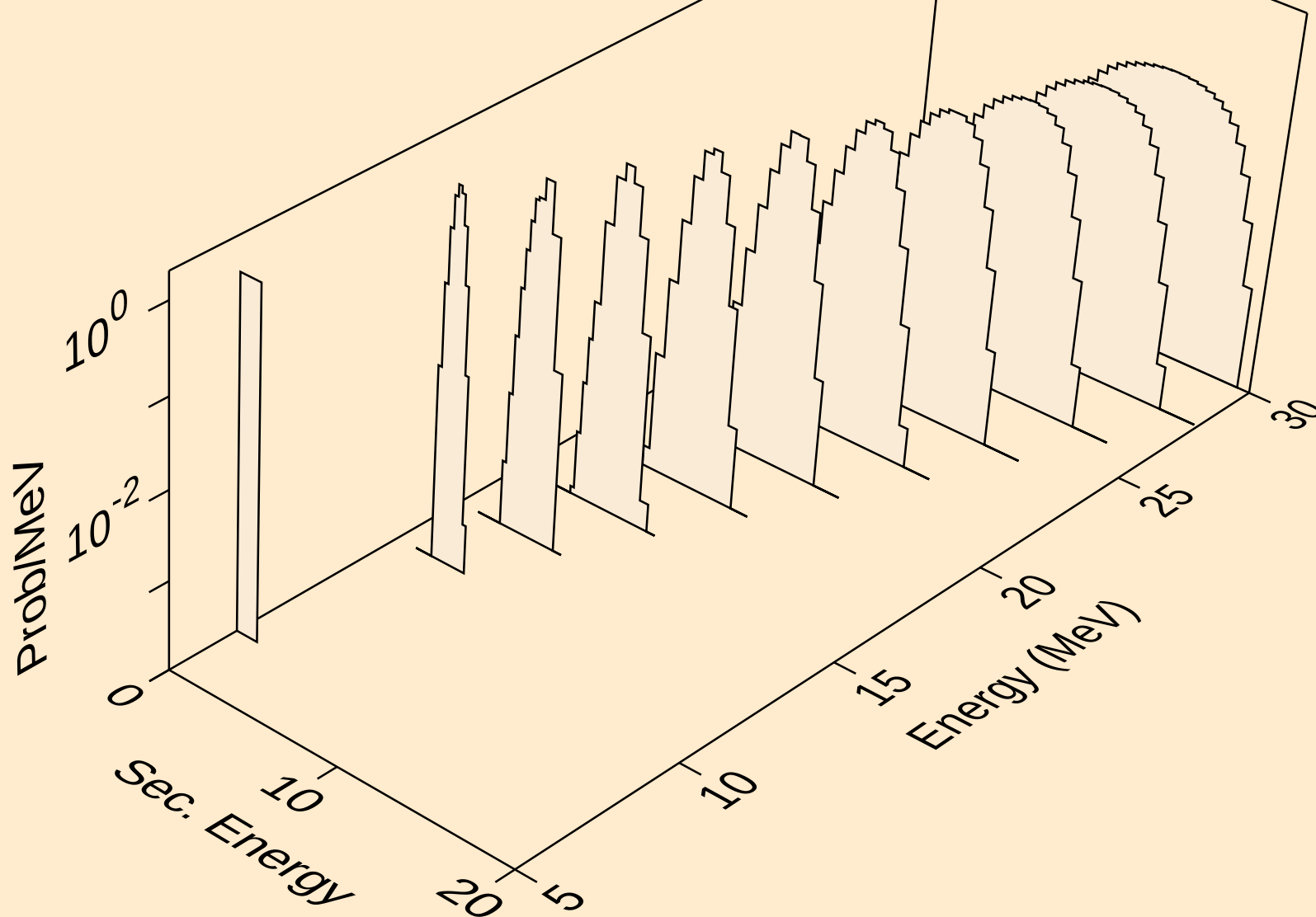
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



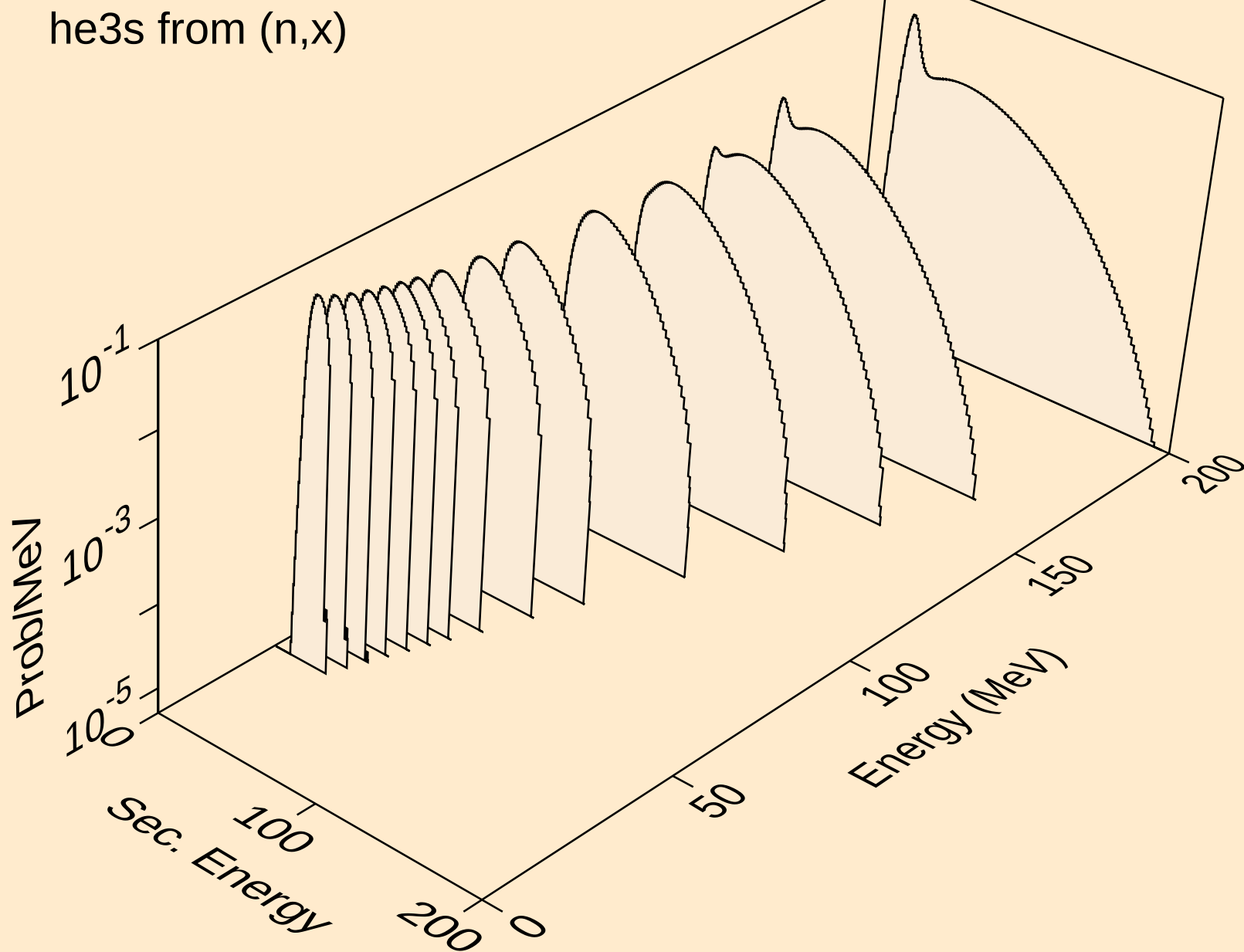
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tritons from (n,t)



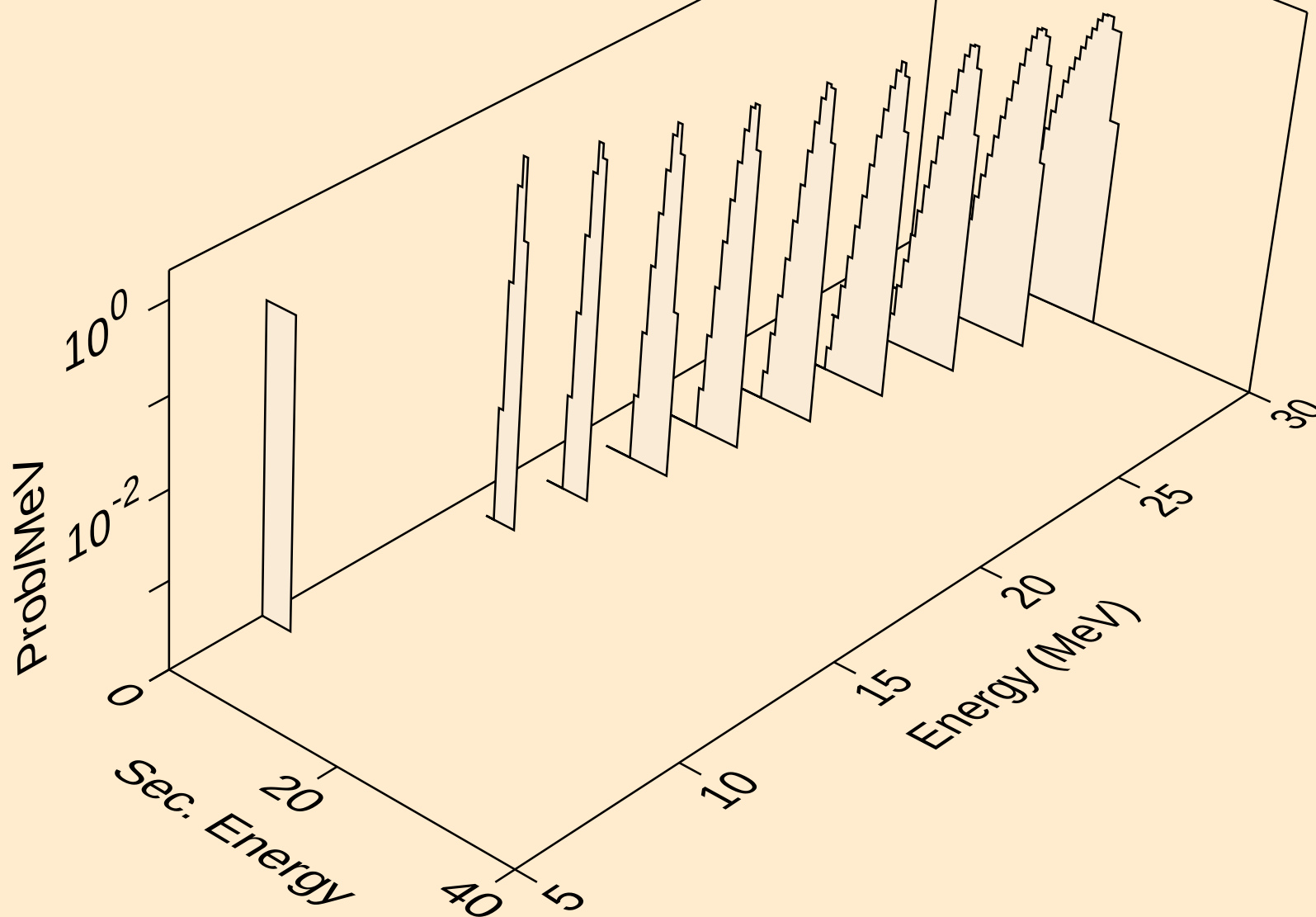
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



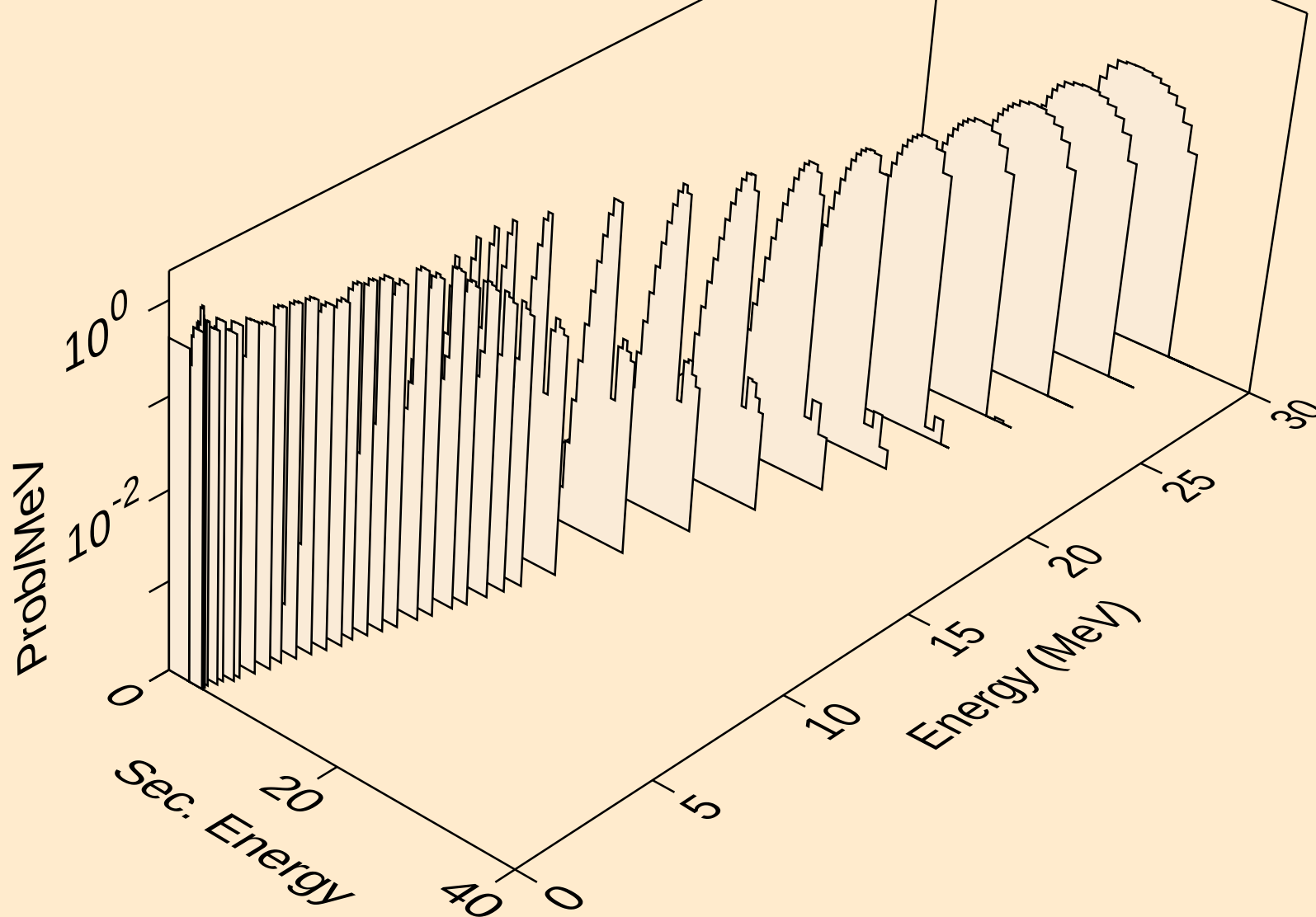
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



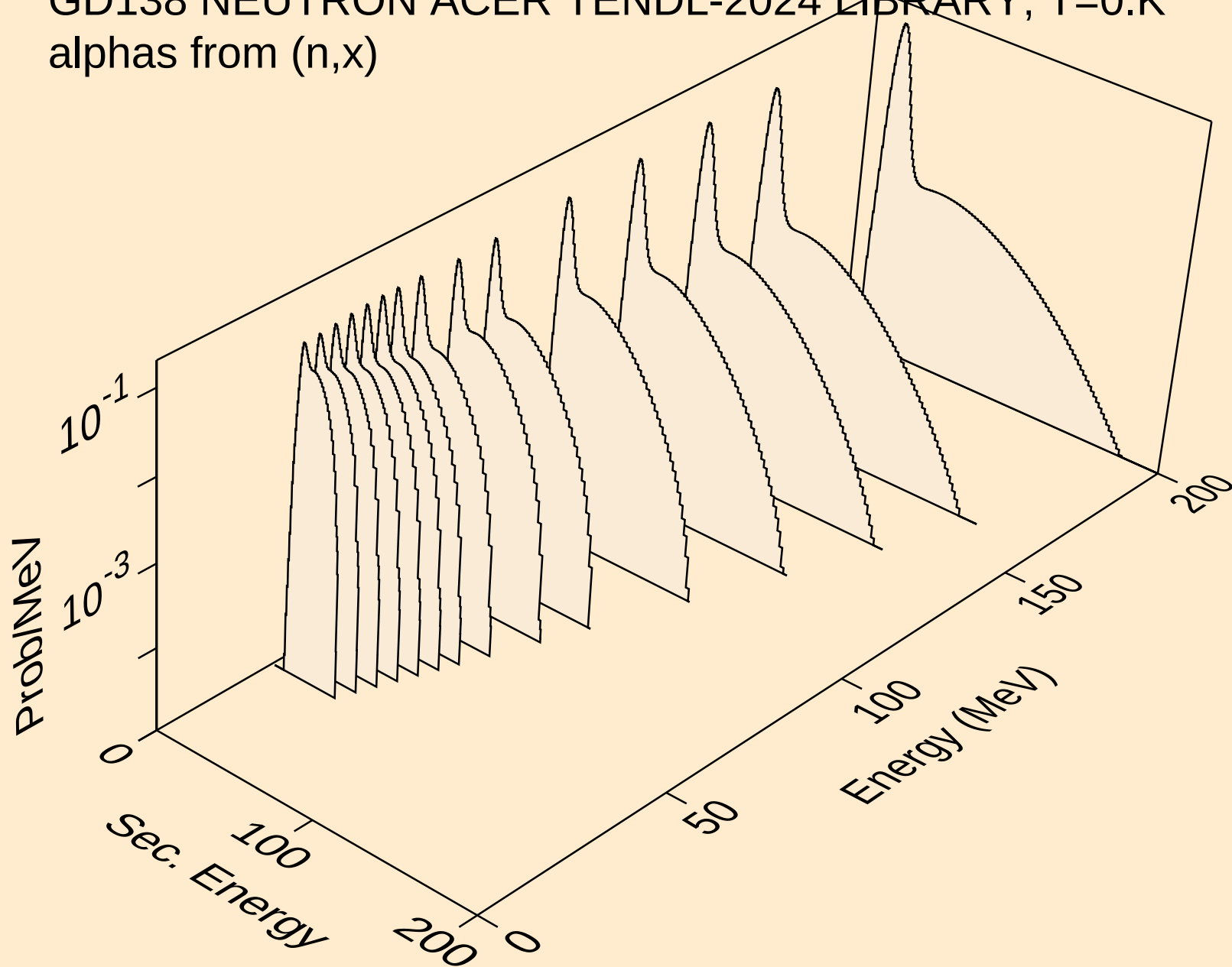
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



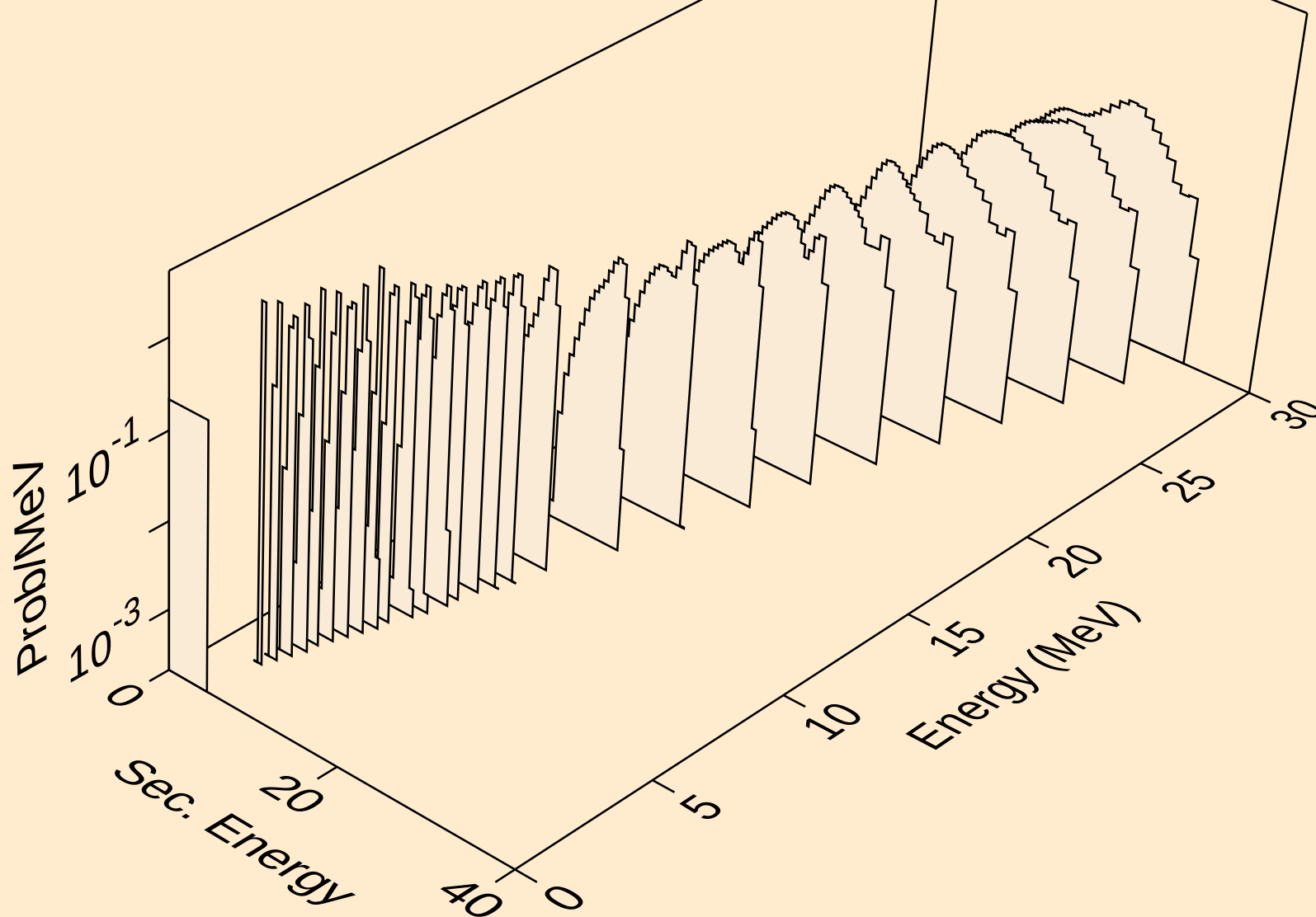
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he3s from (n,he3)



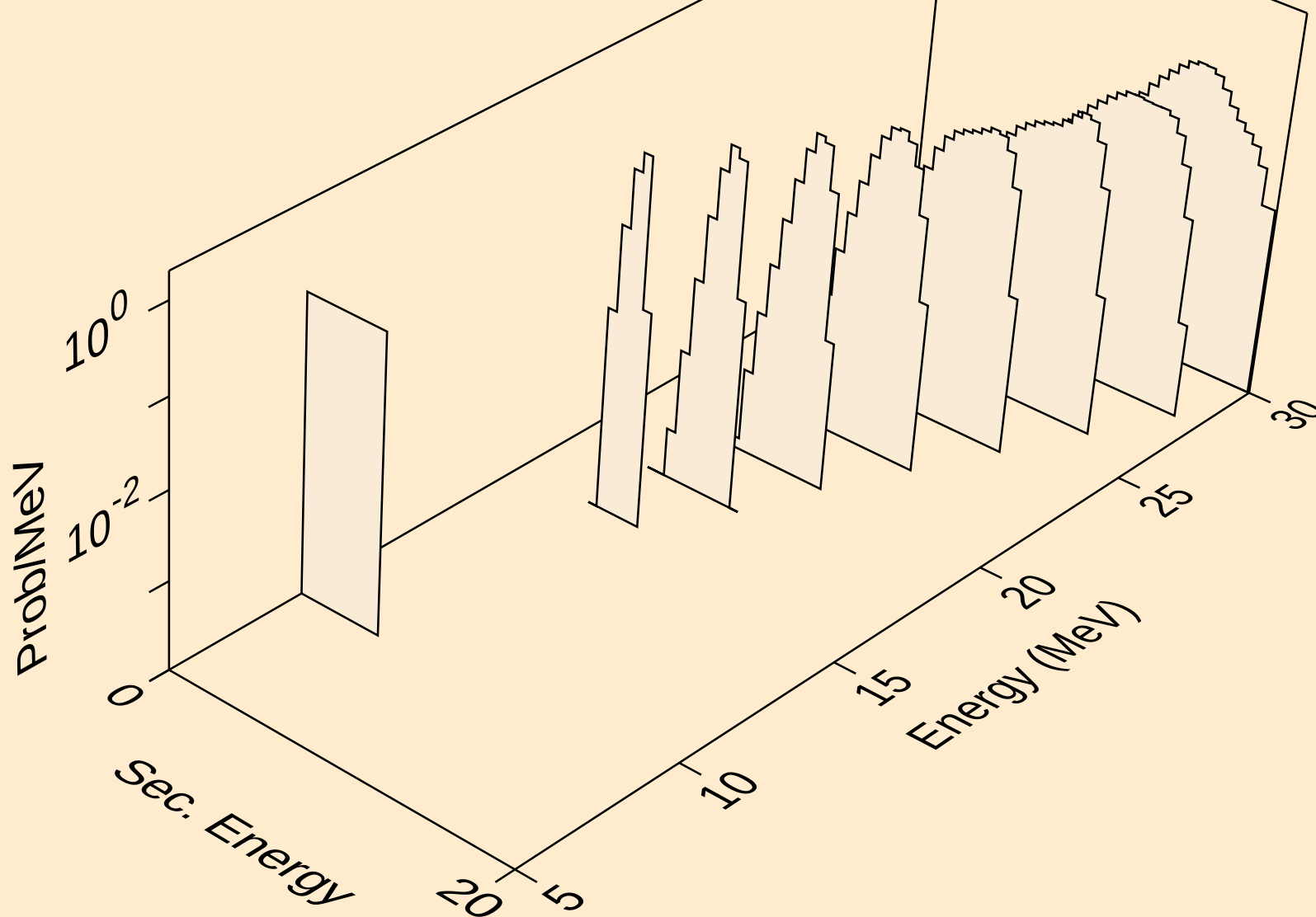
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



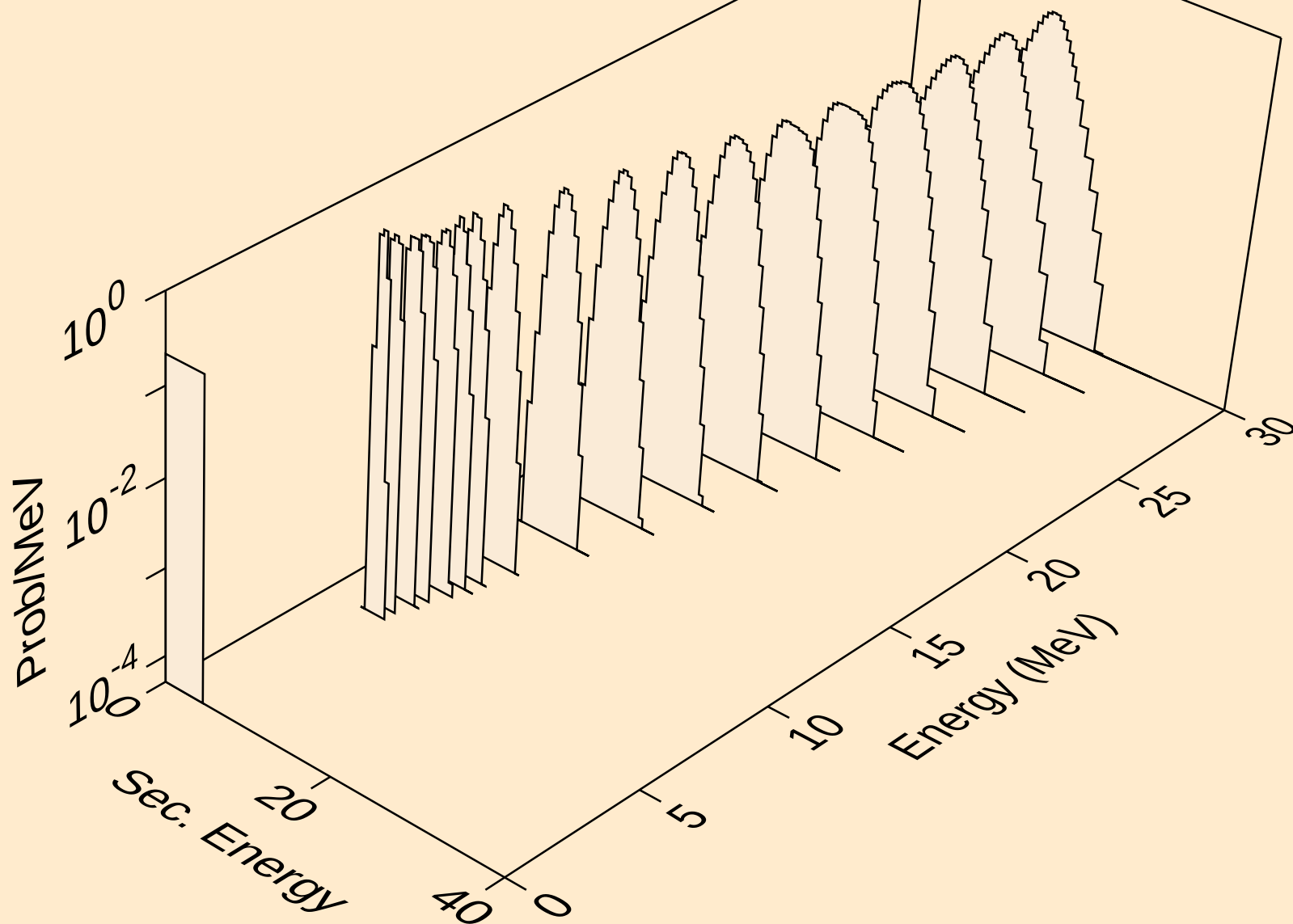
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



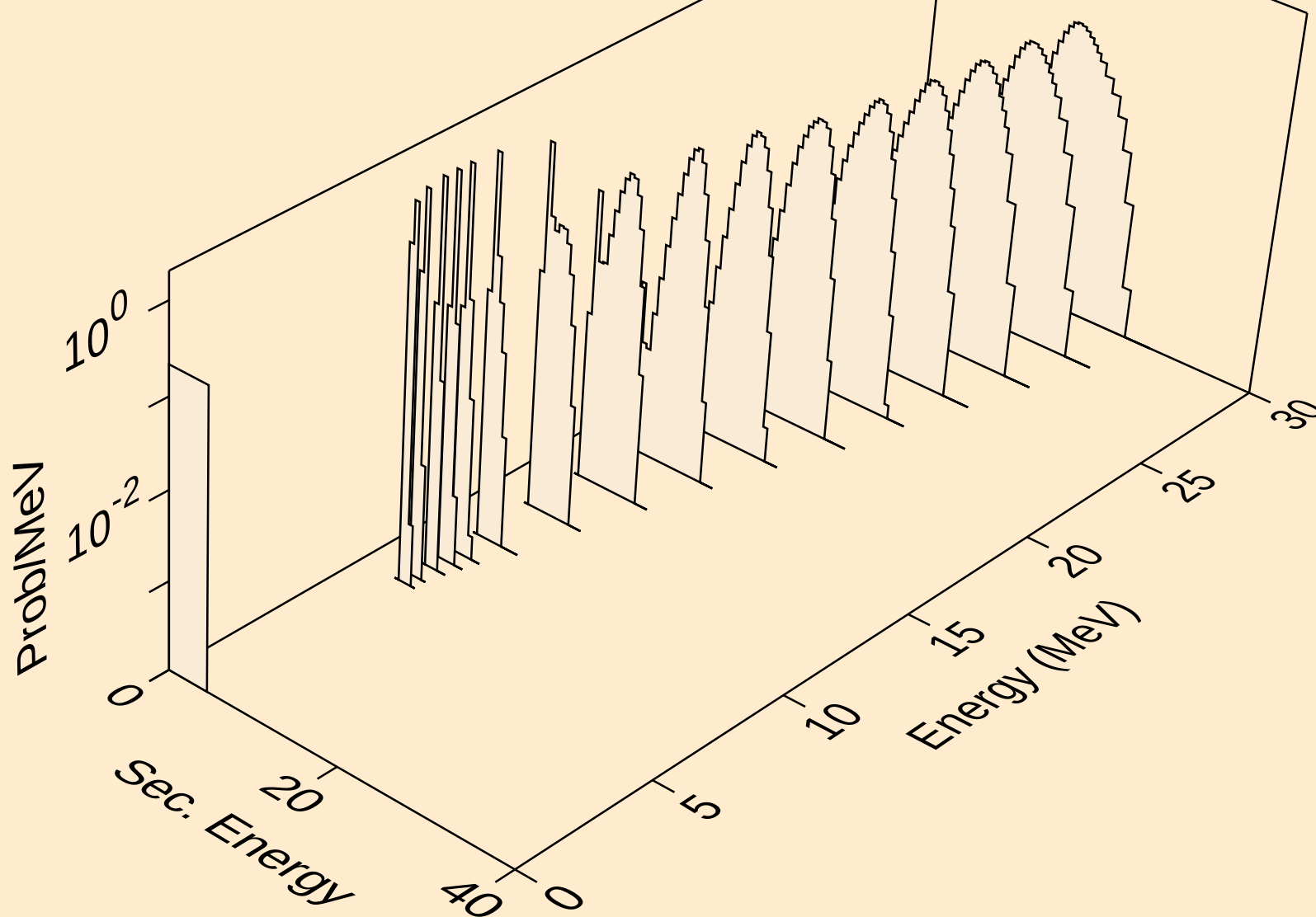
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



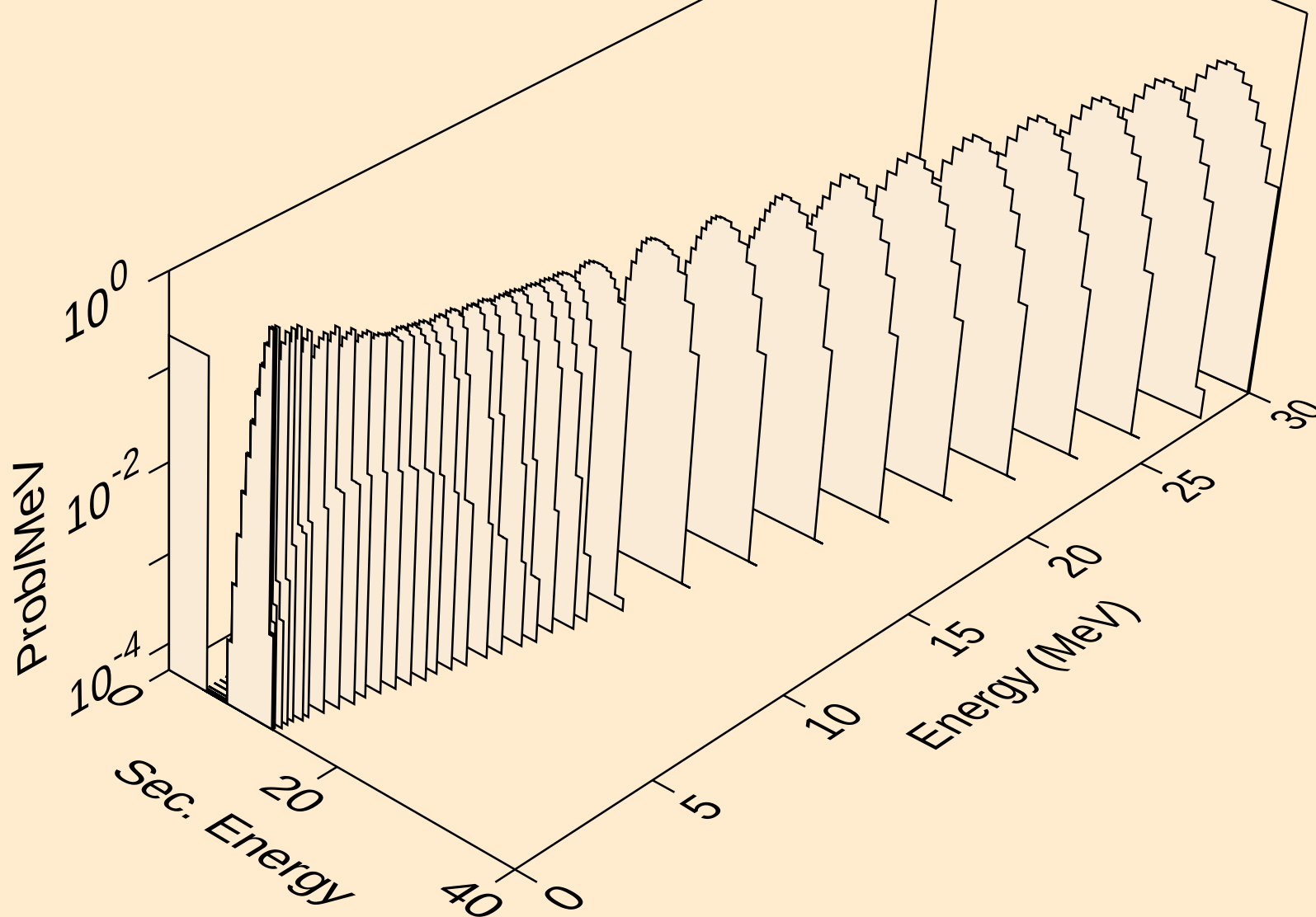
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



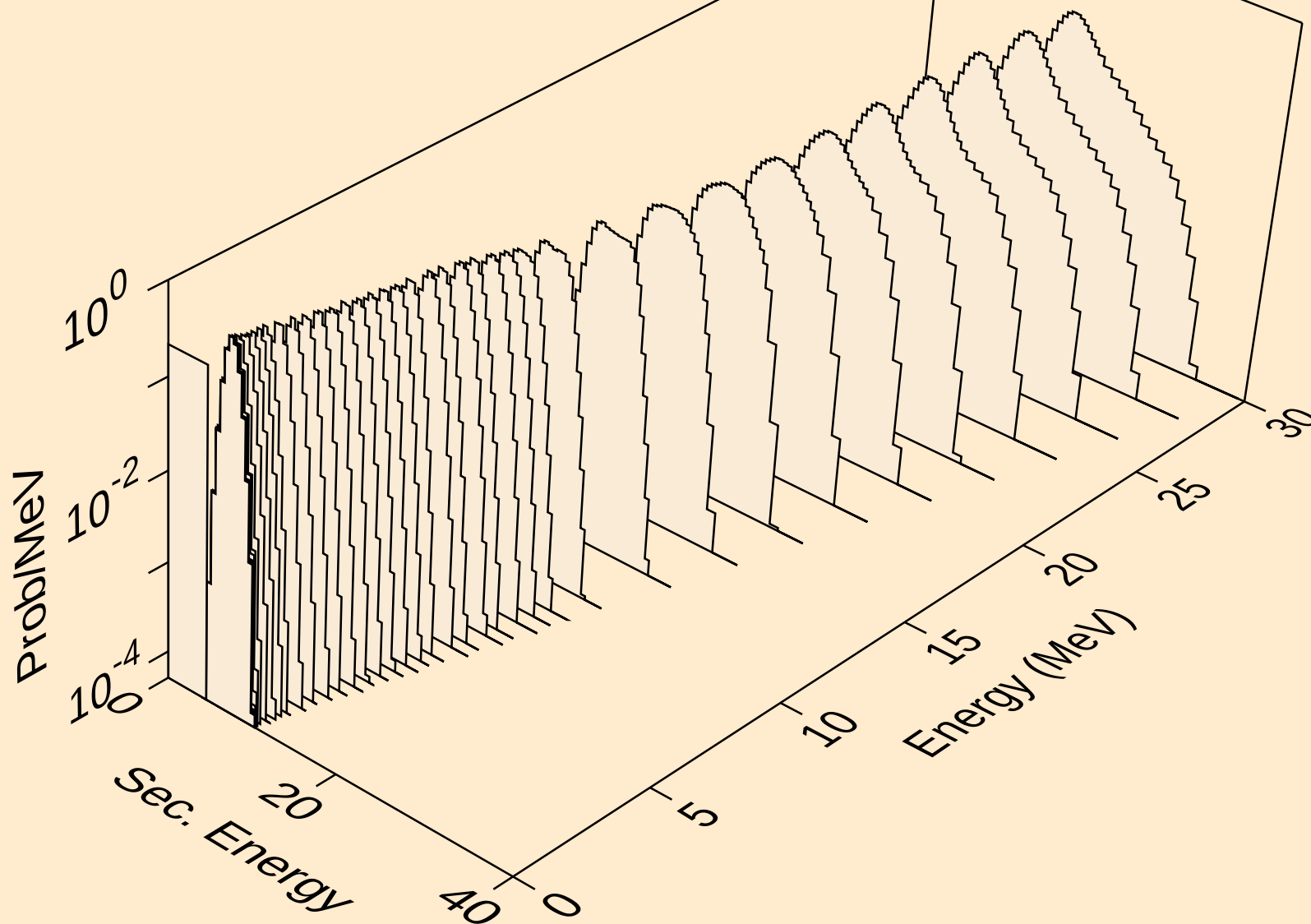
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alphas from (n,npa)



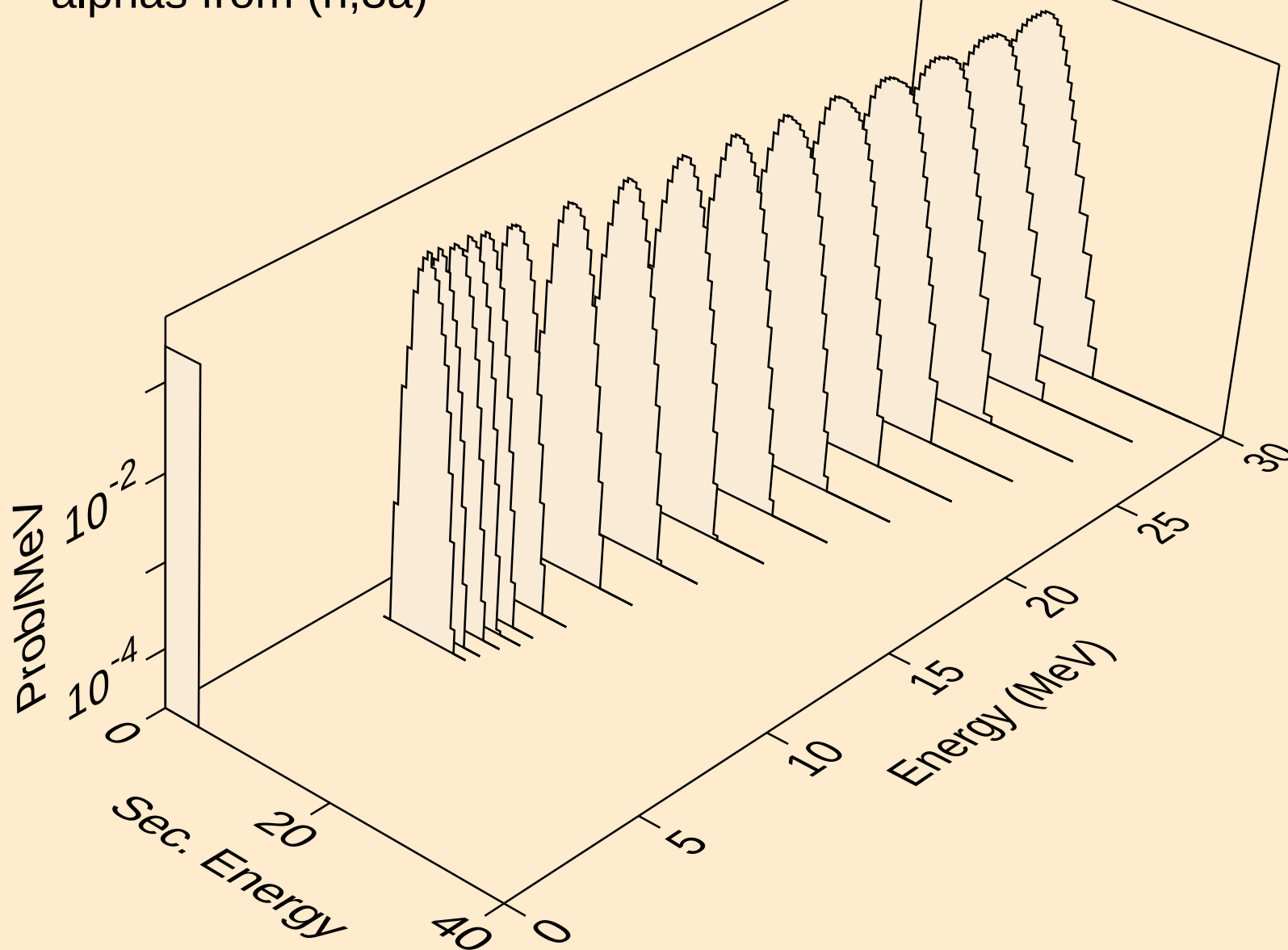
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



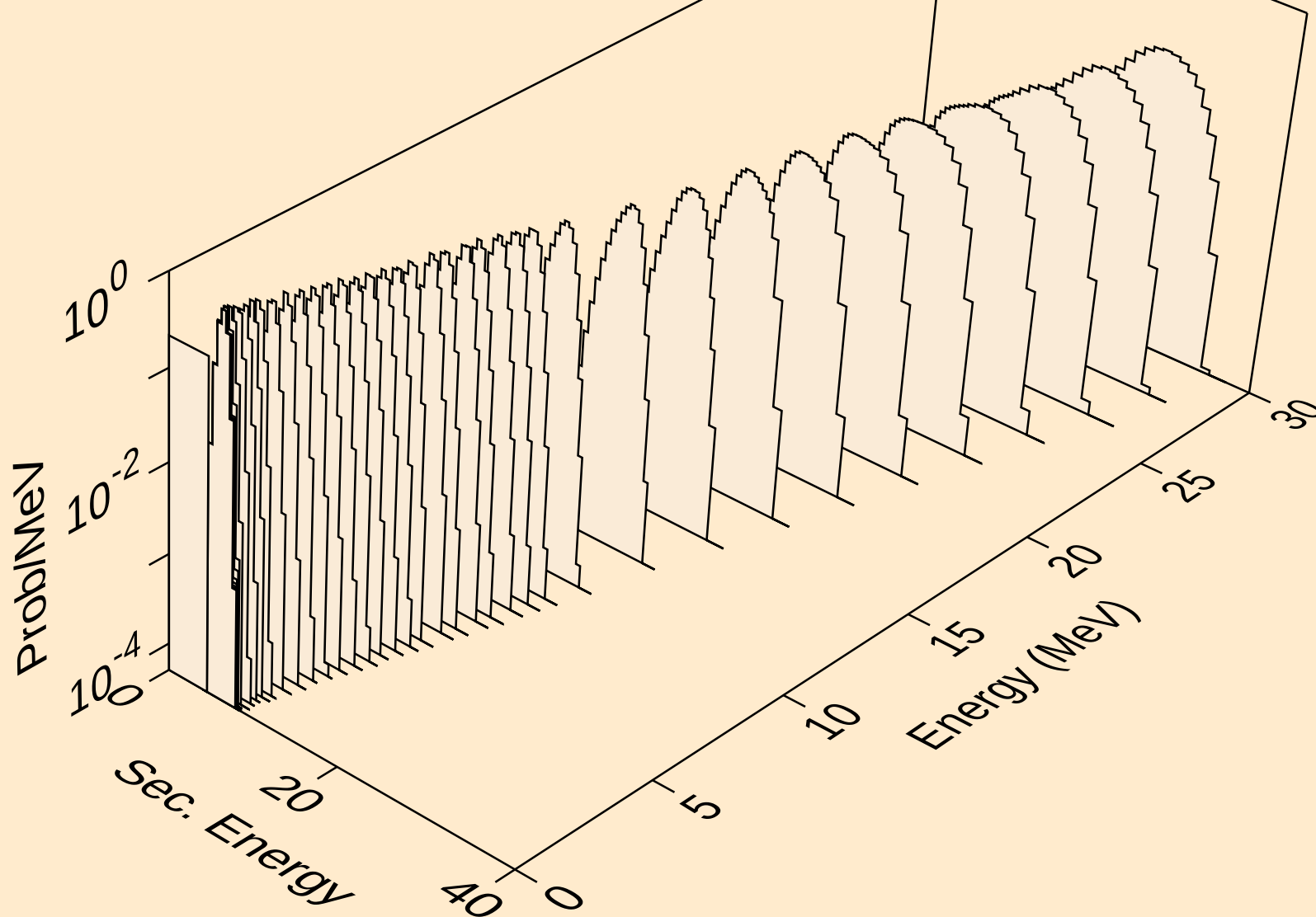
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



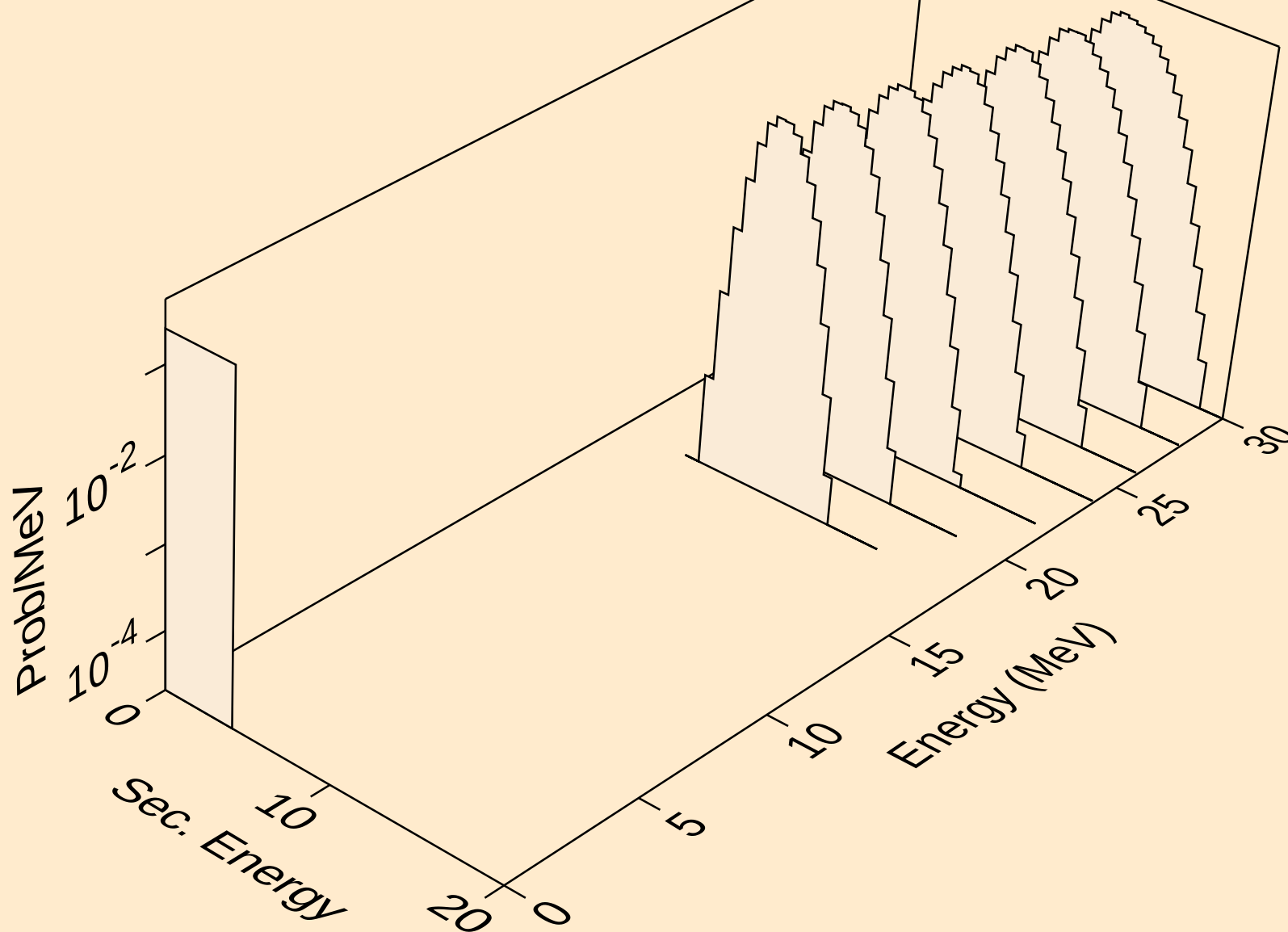
GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,d2a)



GD138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

