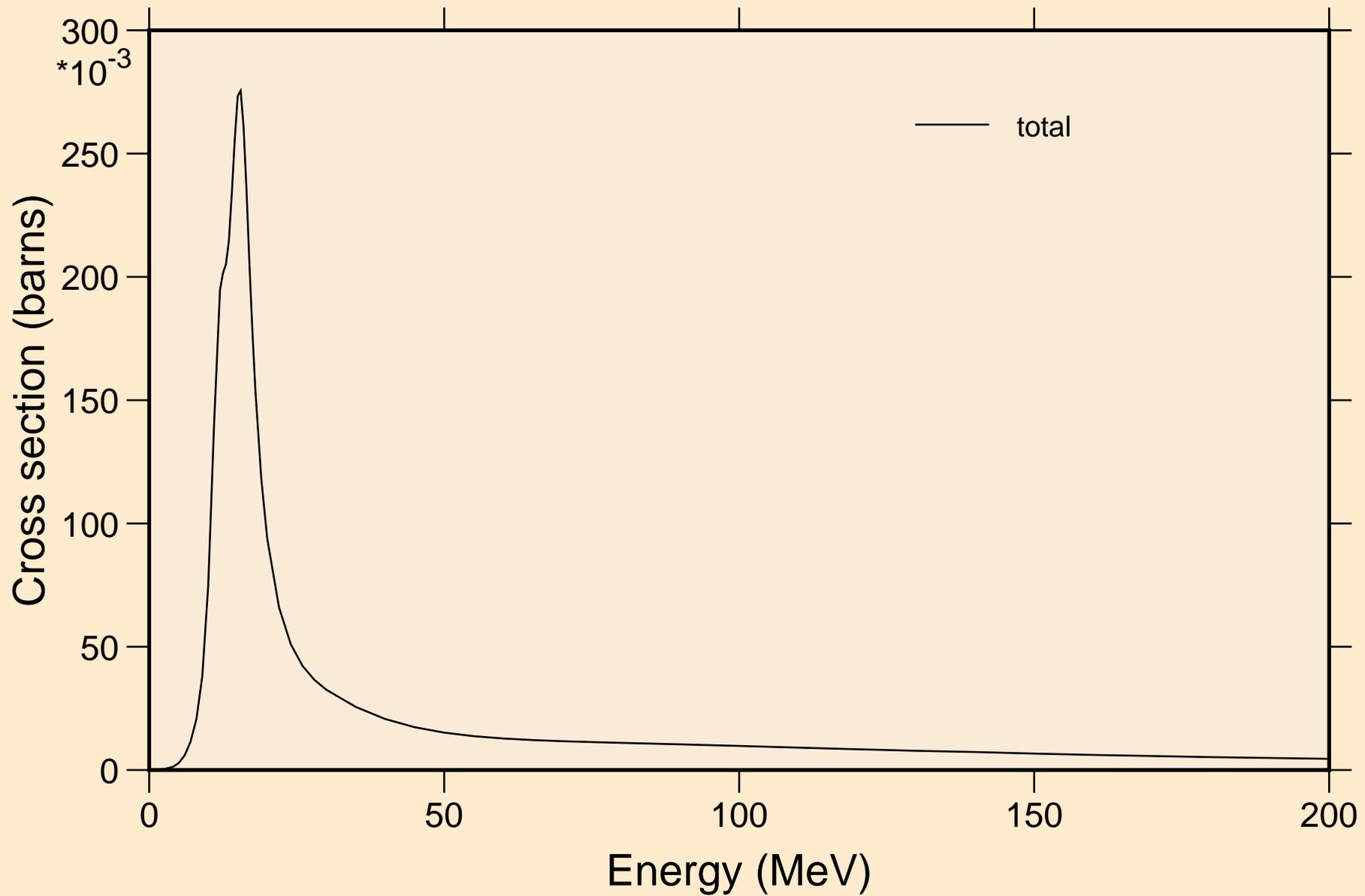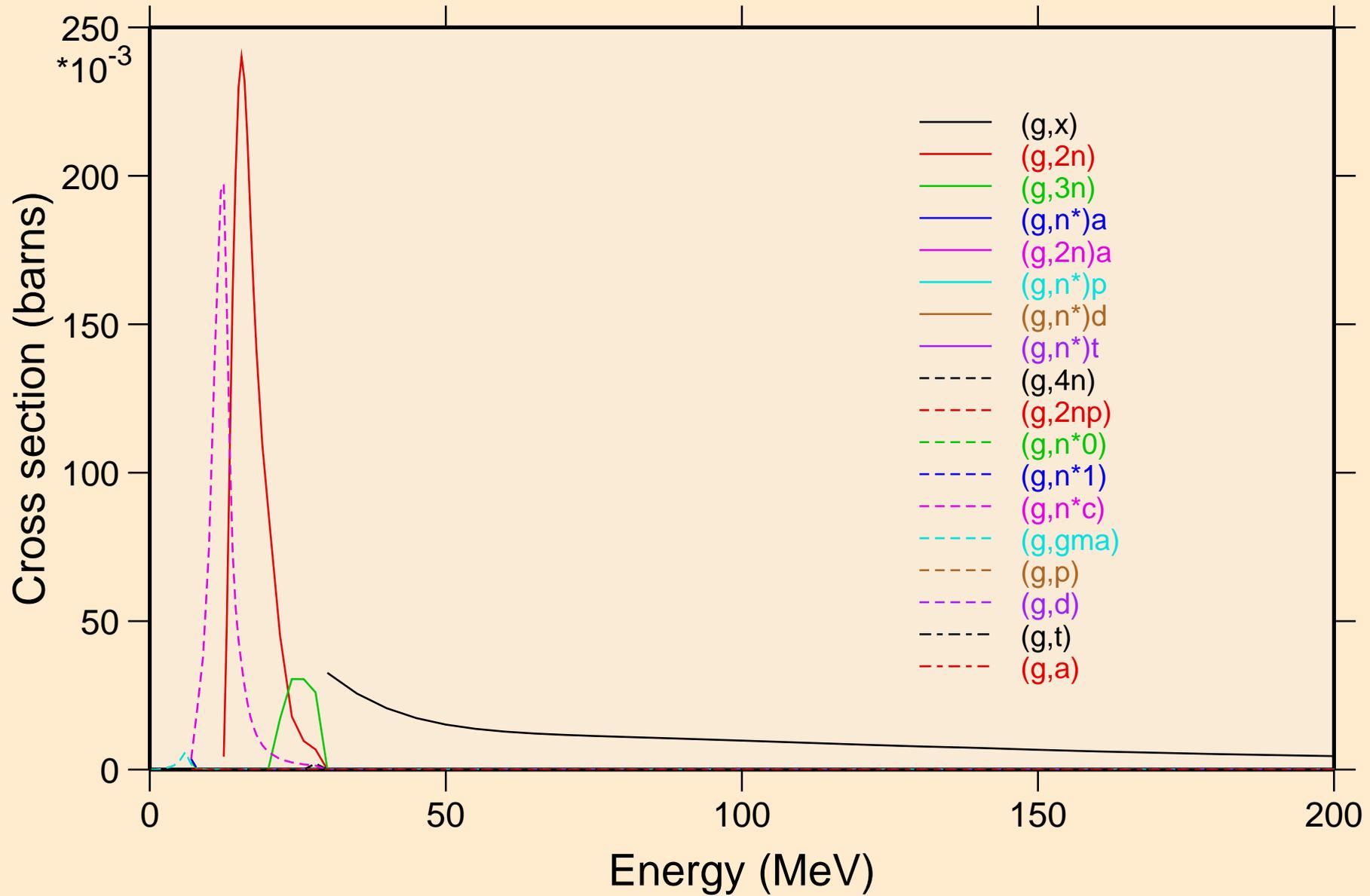PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
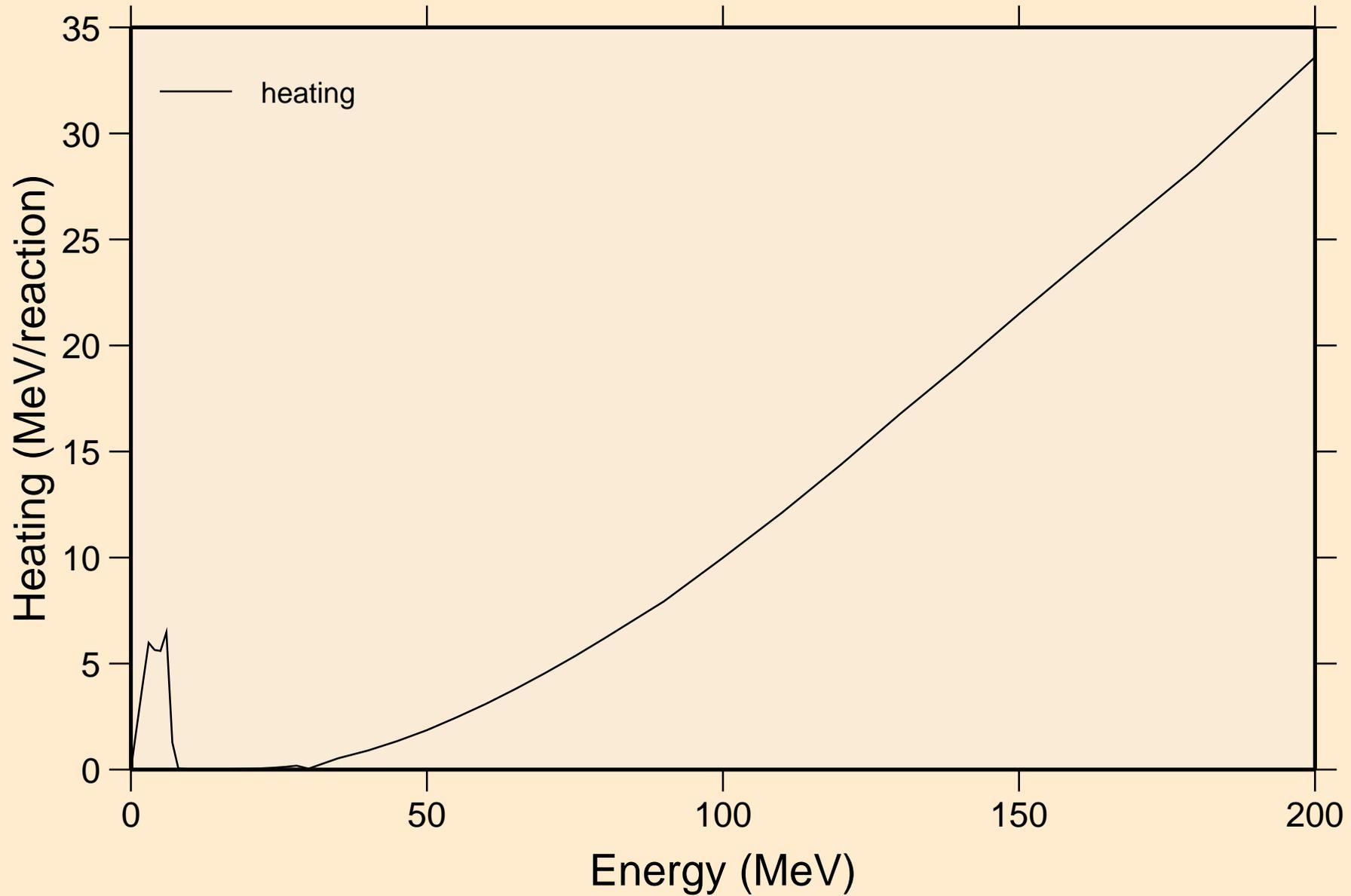Principal cross sections

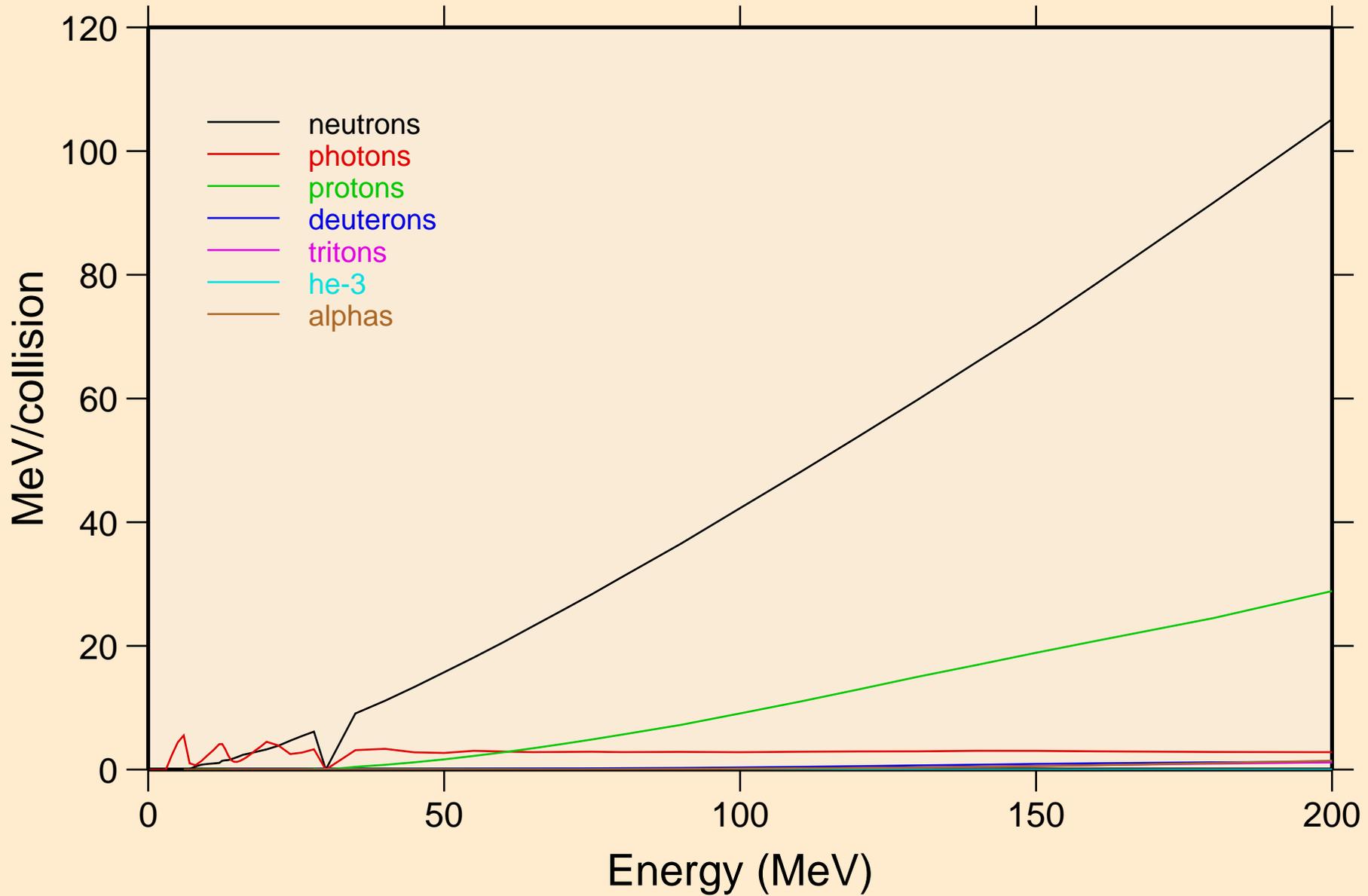PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Partial cross sections

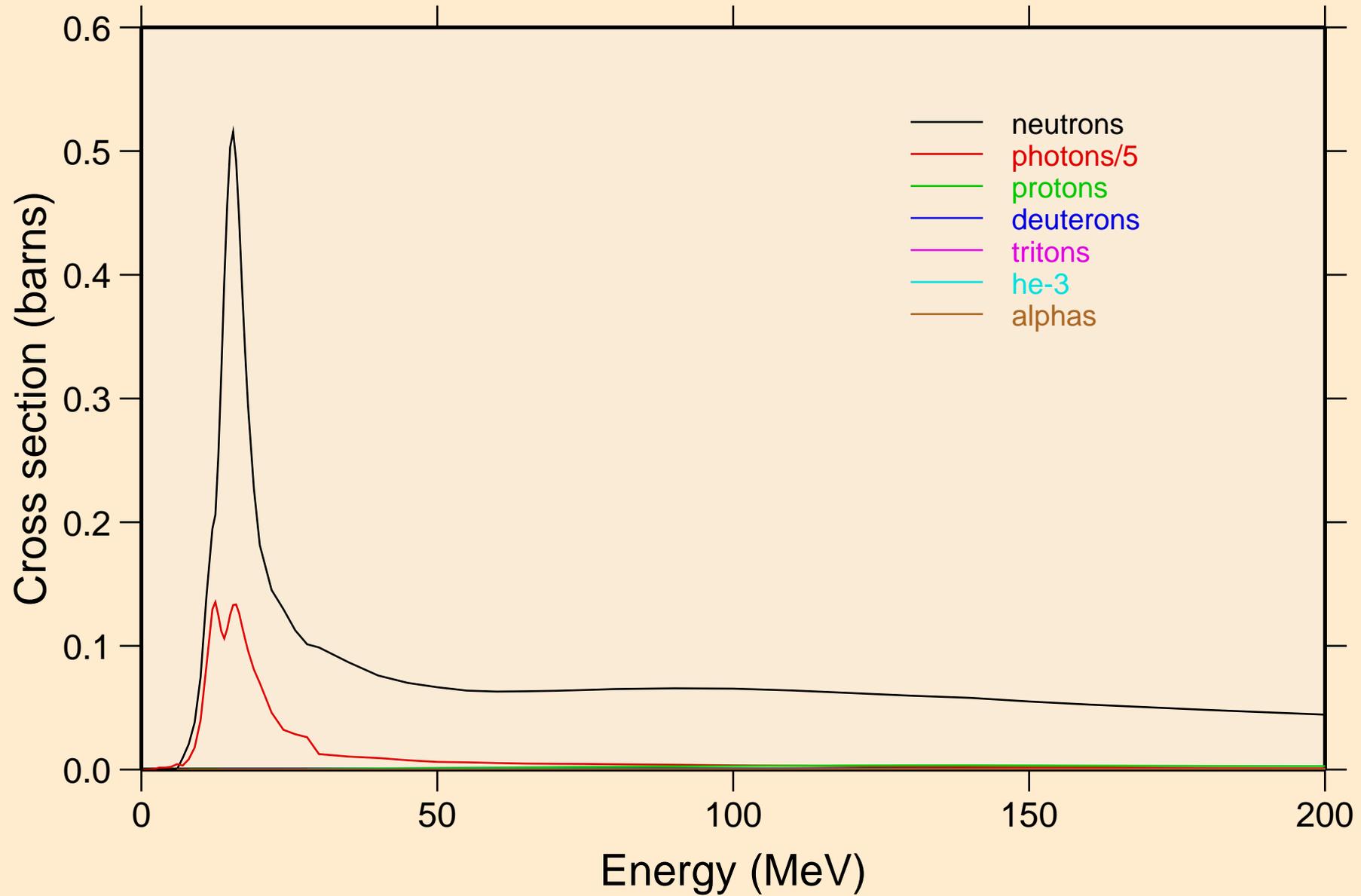PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
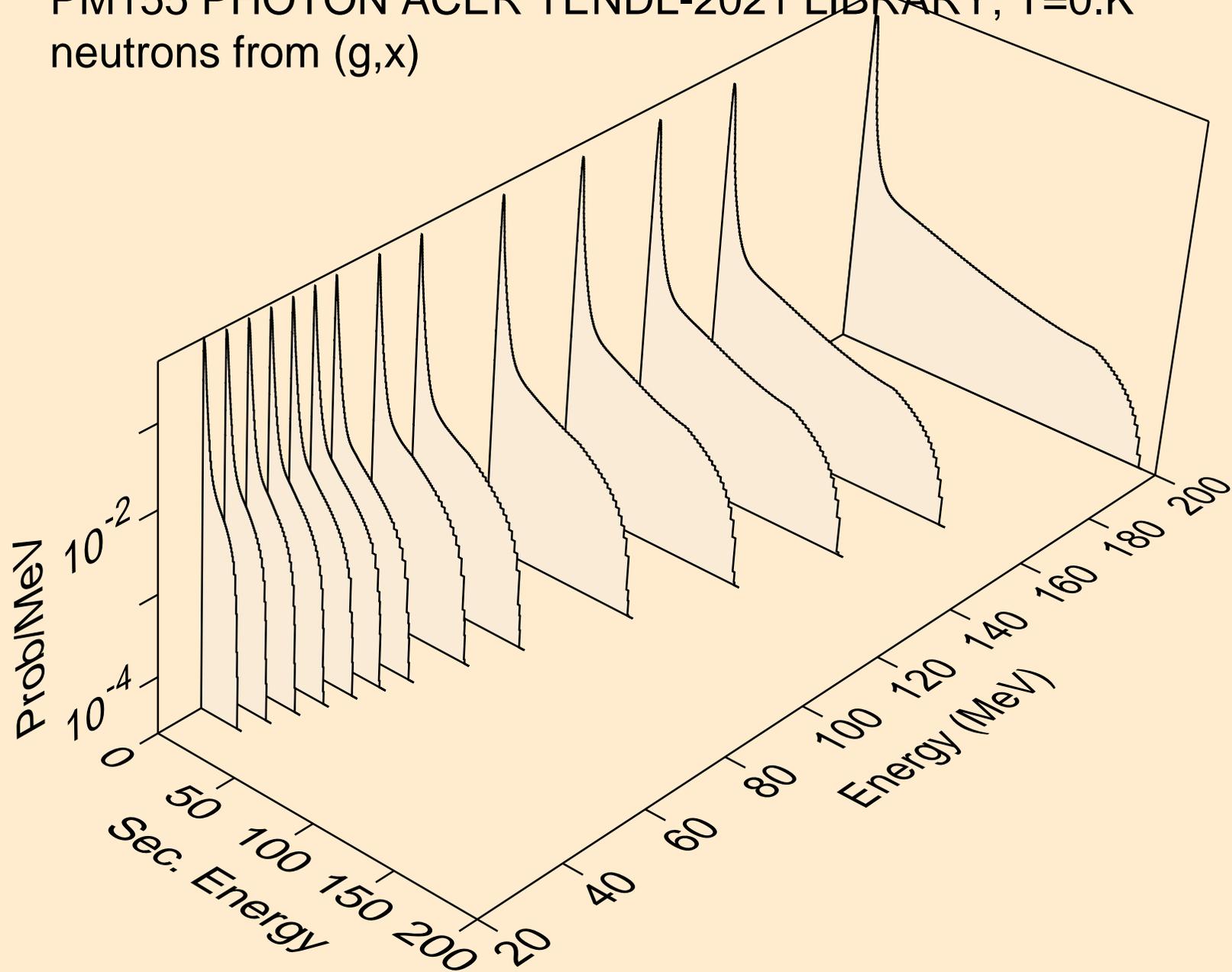Heating

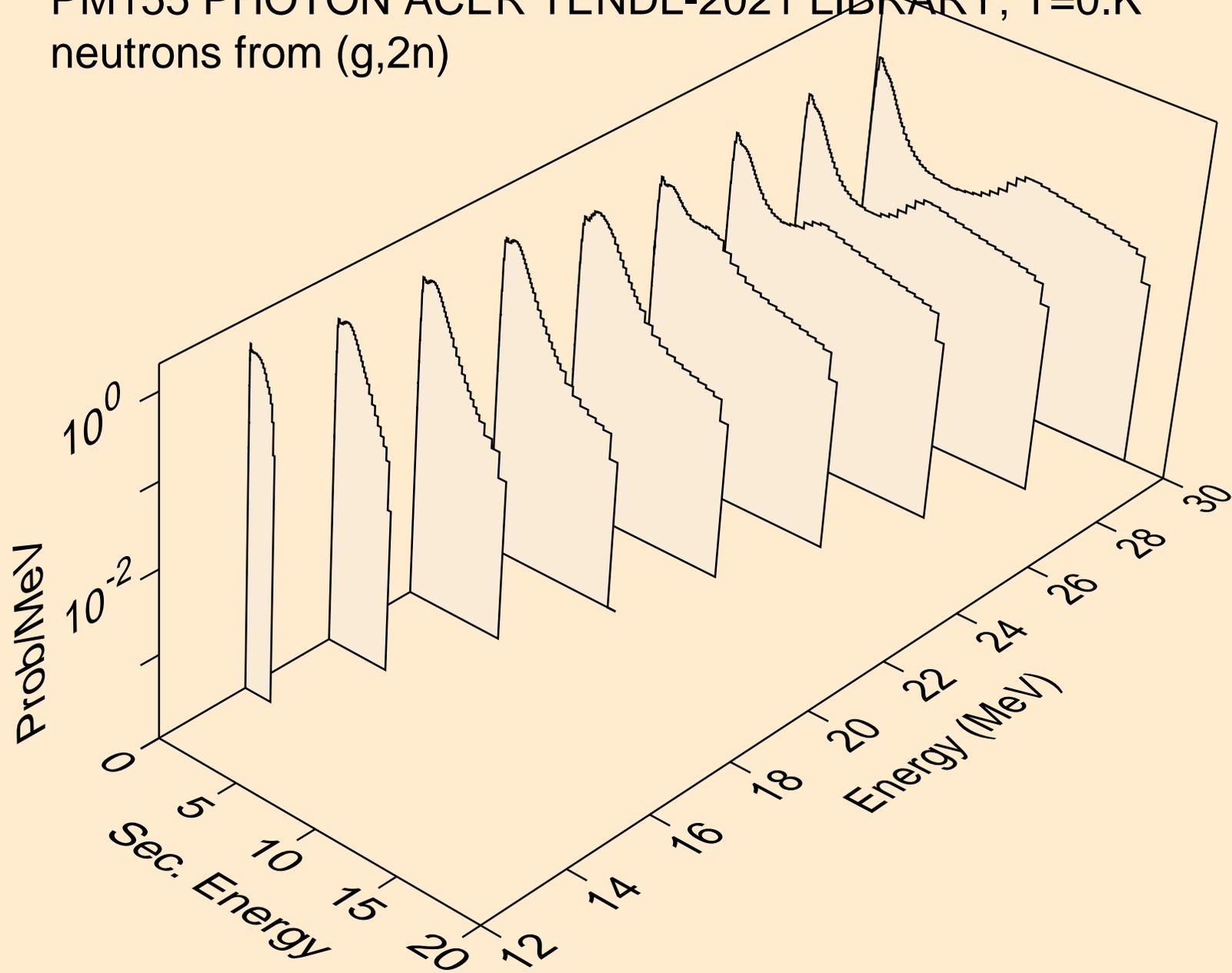PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

Legend:
- neutrons
- photons
- protons
- deuterons
- tritons
- he-3
- alphas

Y-axis: MeV/collision
X-axis: Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections

- neutrons
- photons/5
- protons
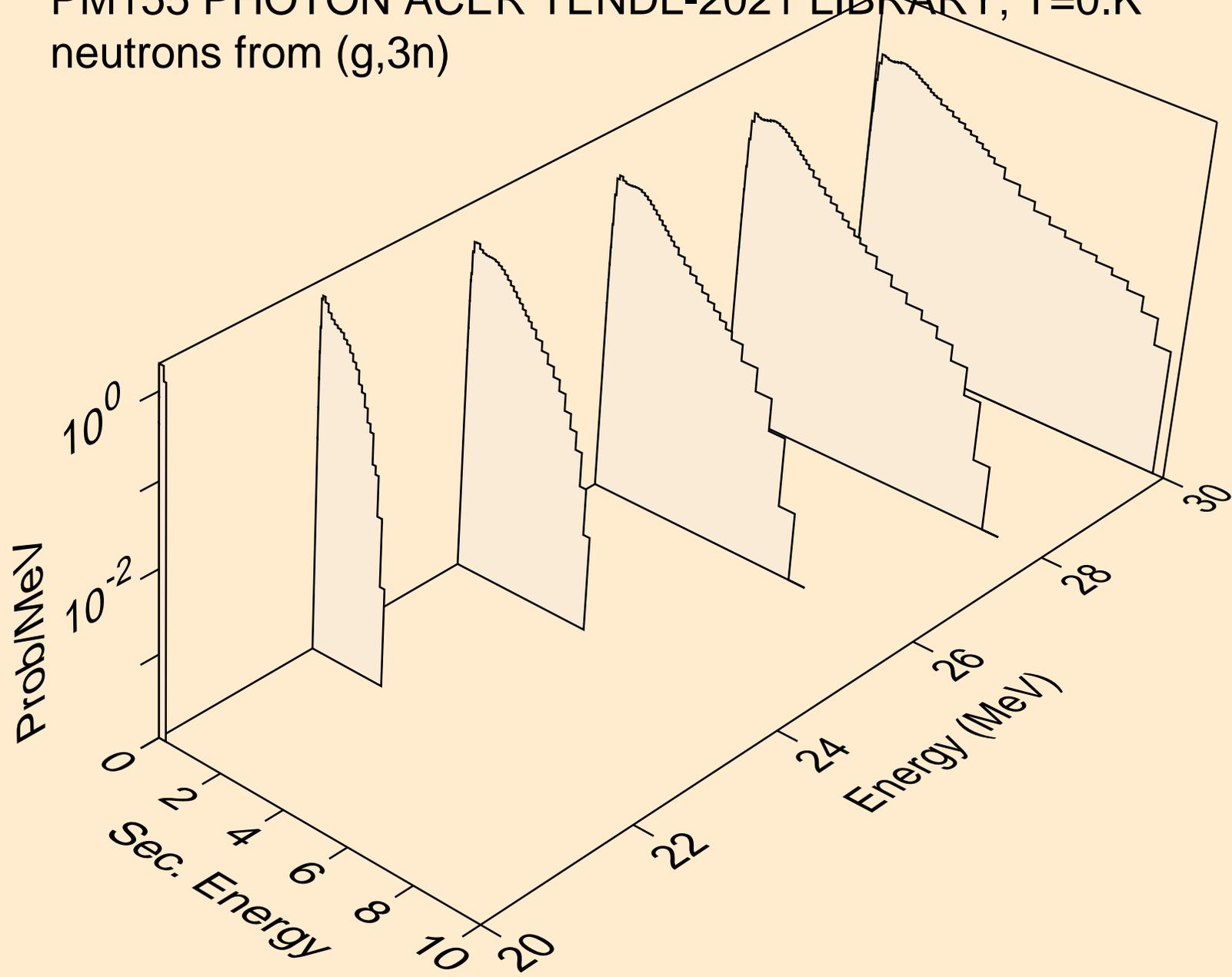- deuterons
- tritons
- he-3
- alphas

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
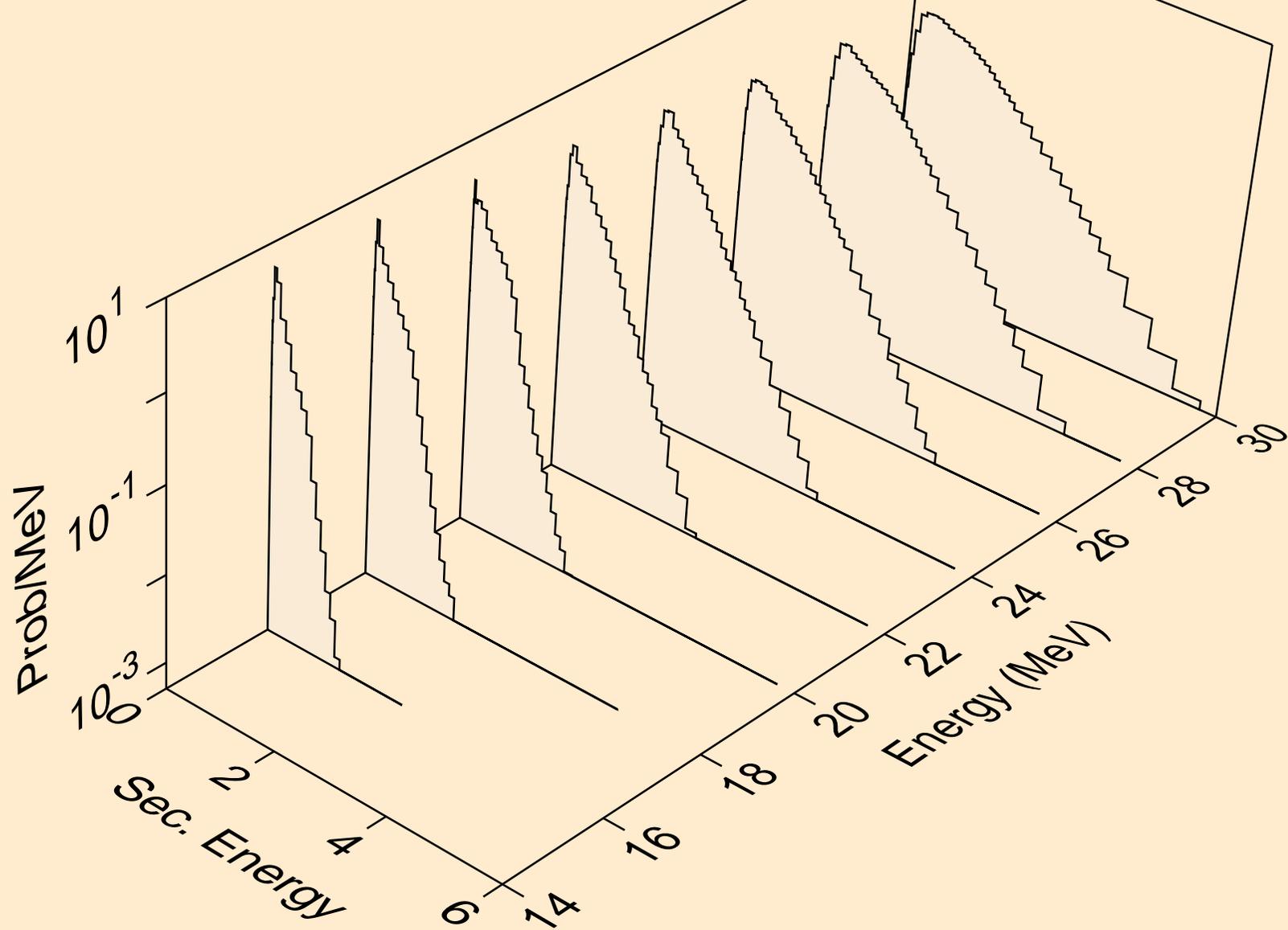neutrons from (g,x)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,2n)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,3n)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,n*)a

ProblMeV

$10^1$

$10^{-1}$

$10^{-3}$

$10^0$

Sec. Energy

2

4

6

Energy (MeV)

14

16

18

20

22

24

26

28

30

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (g,2n)a

Prob/MeV

$10^1$

$10^{-1}$

0

Sec. Energy

1

2

3

4

Energy (MeV)
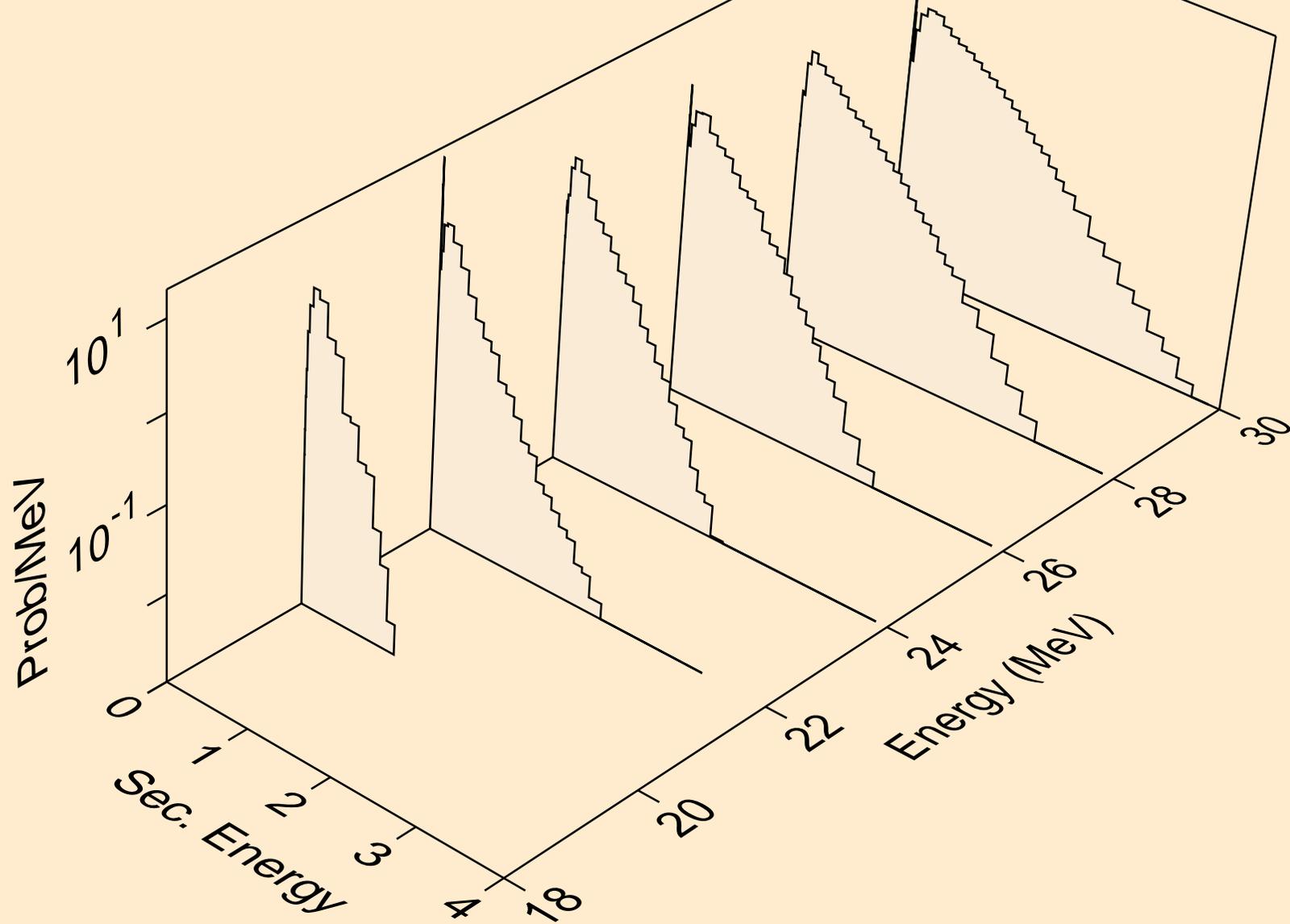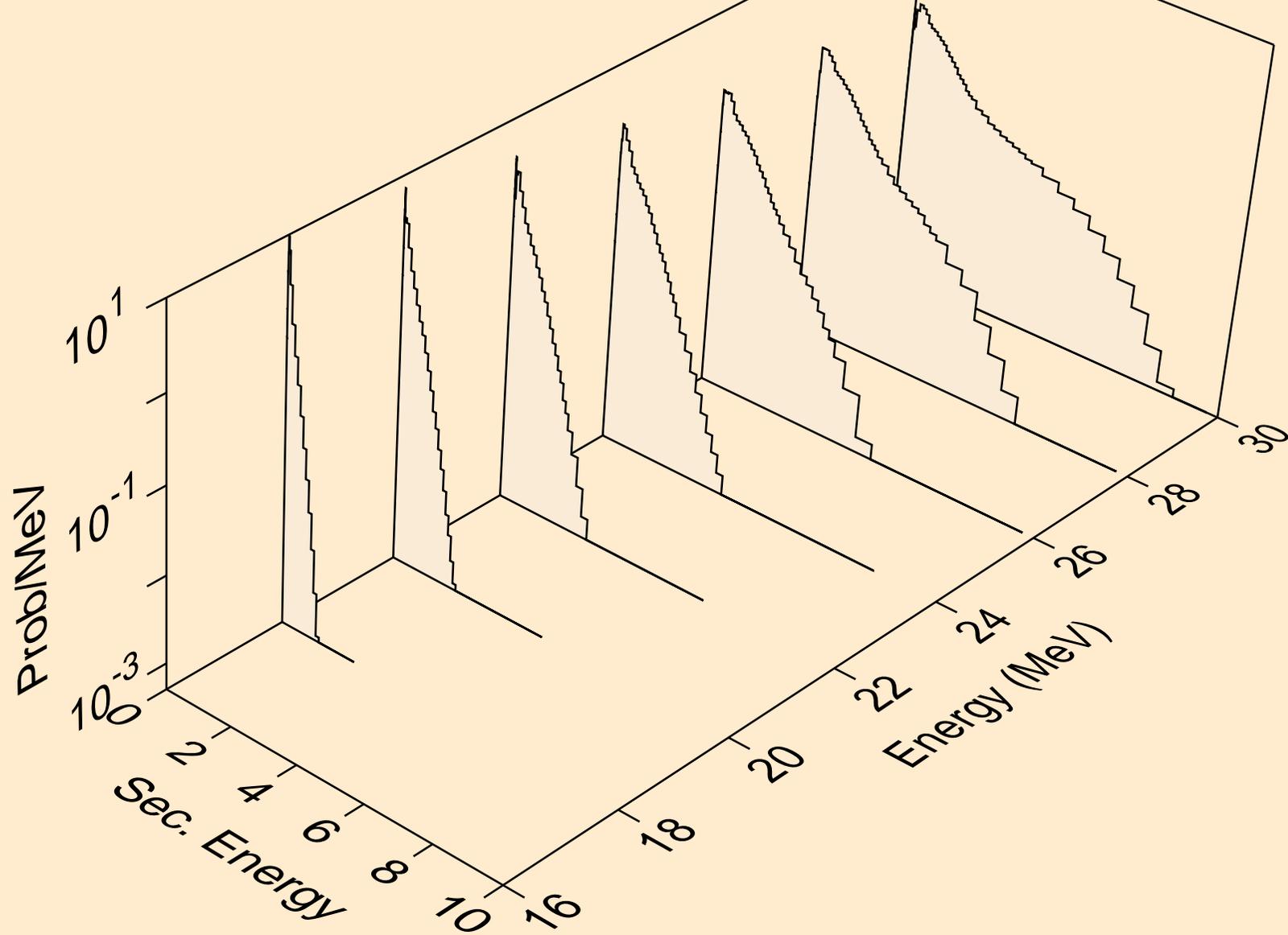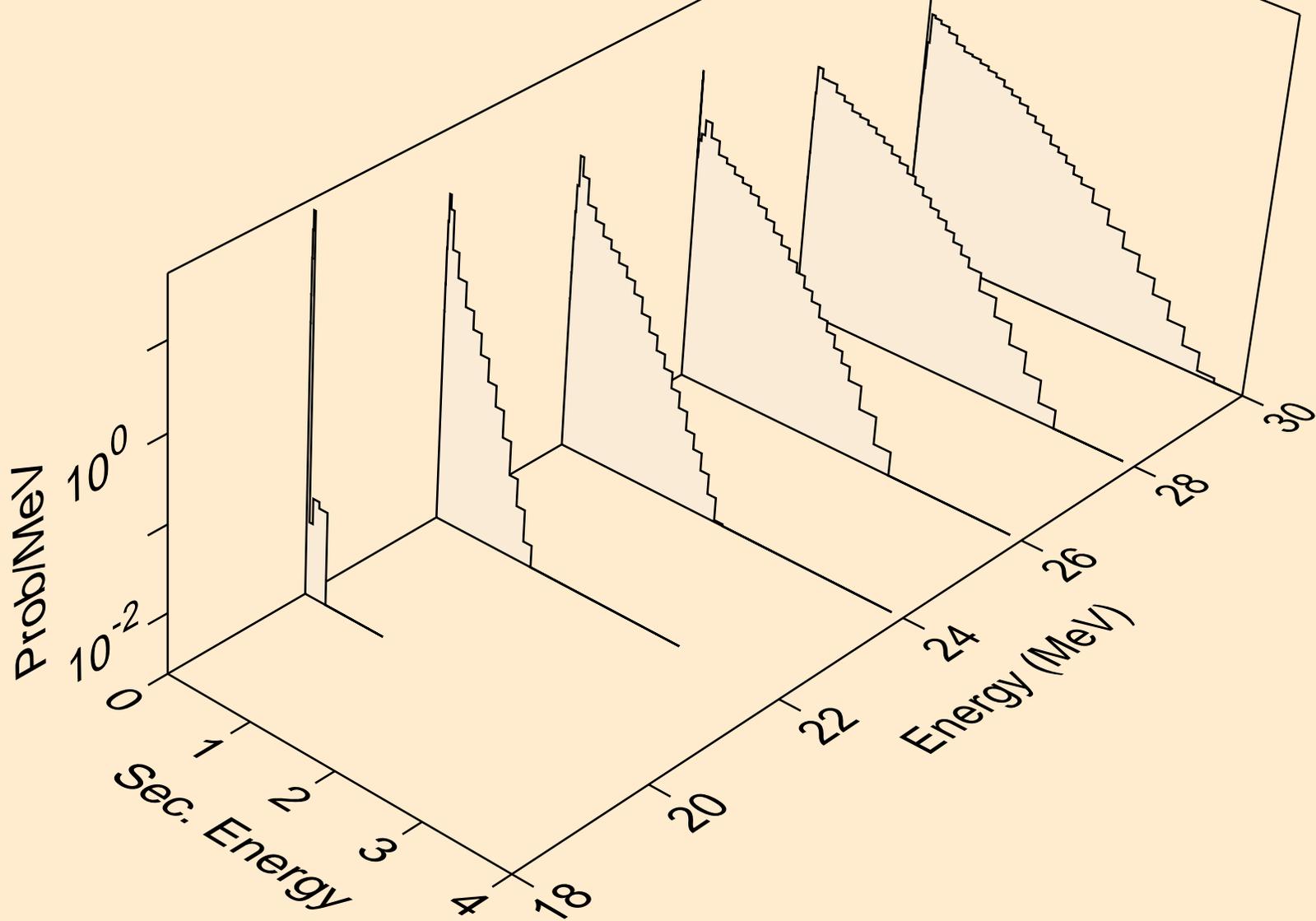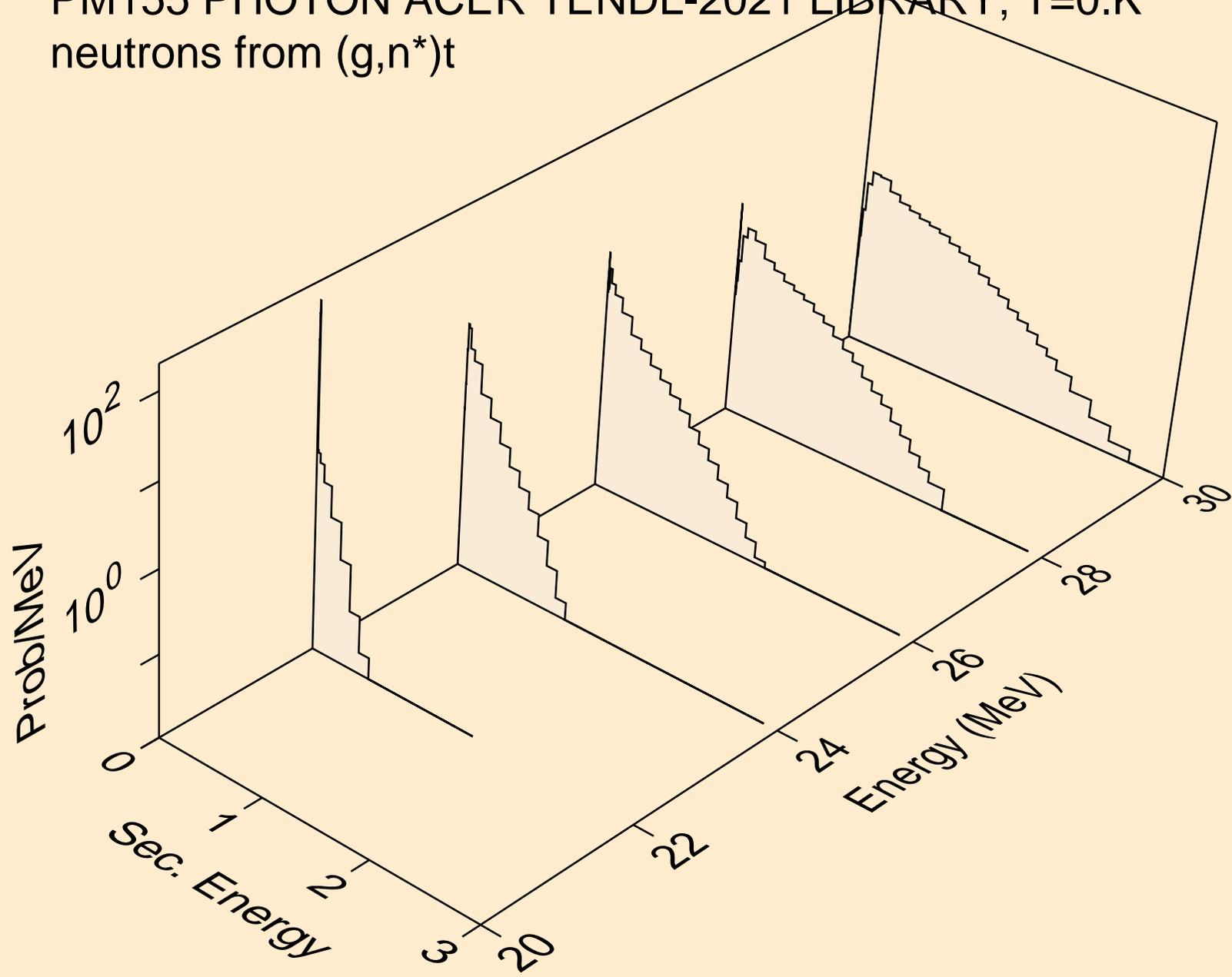
18

20

22

24

26

28

30

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
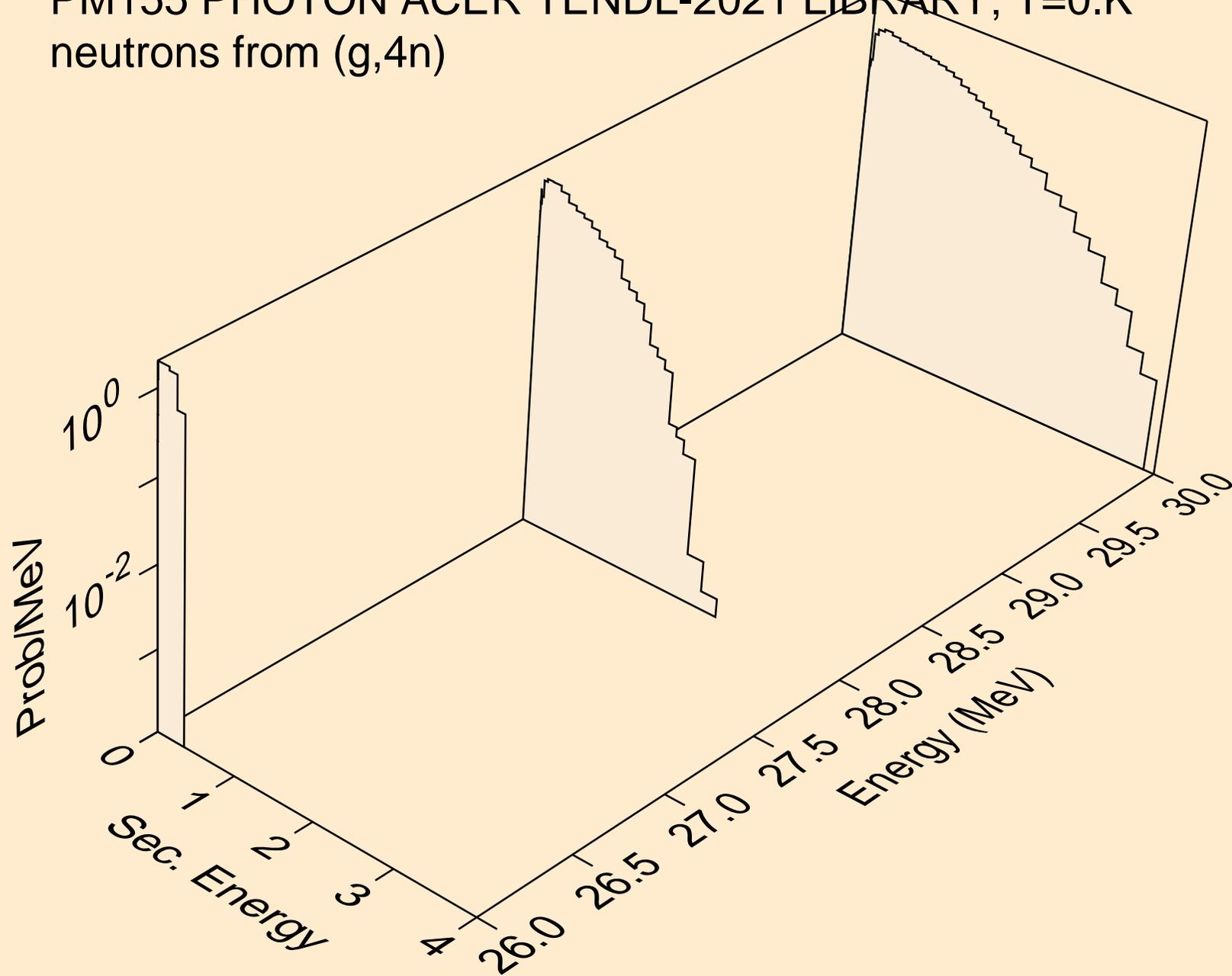neutrons from (g,n*)p

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
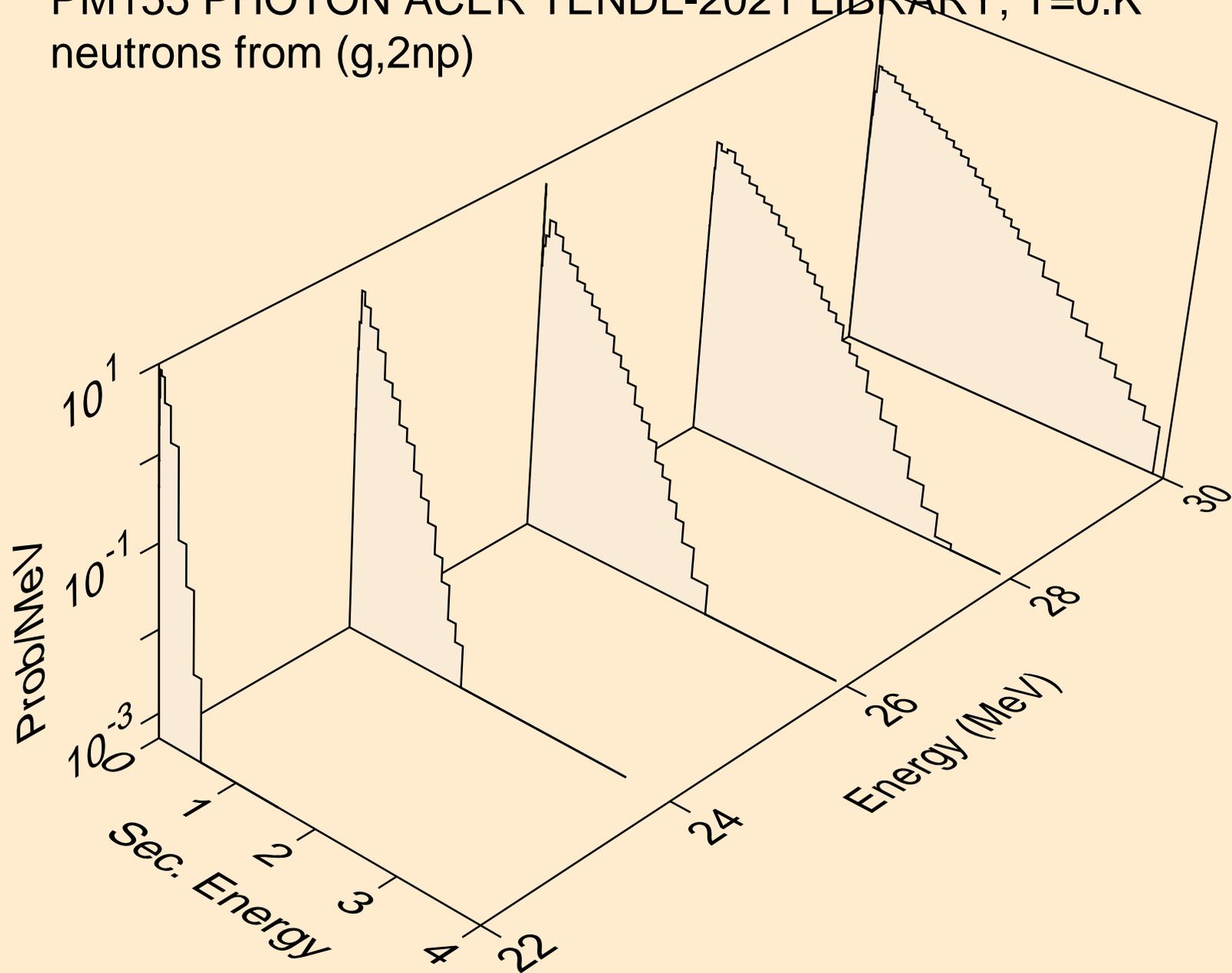neutrons from (g,n*)d

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
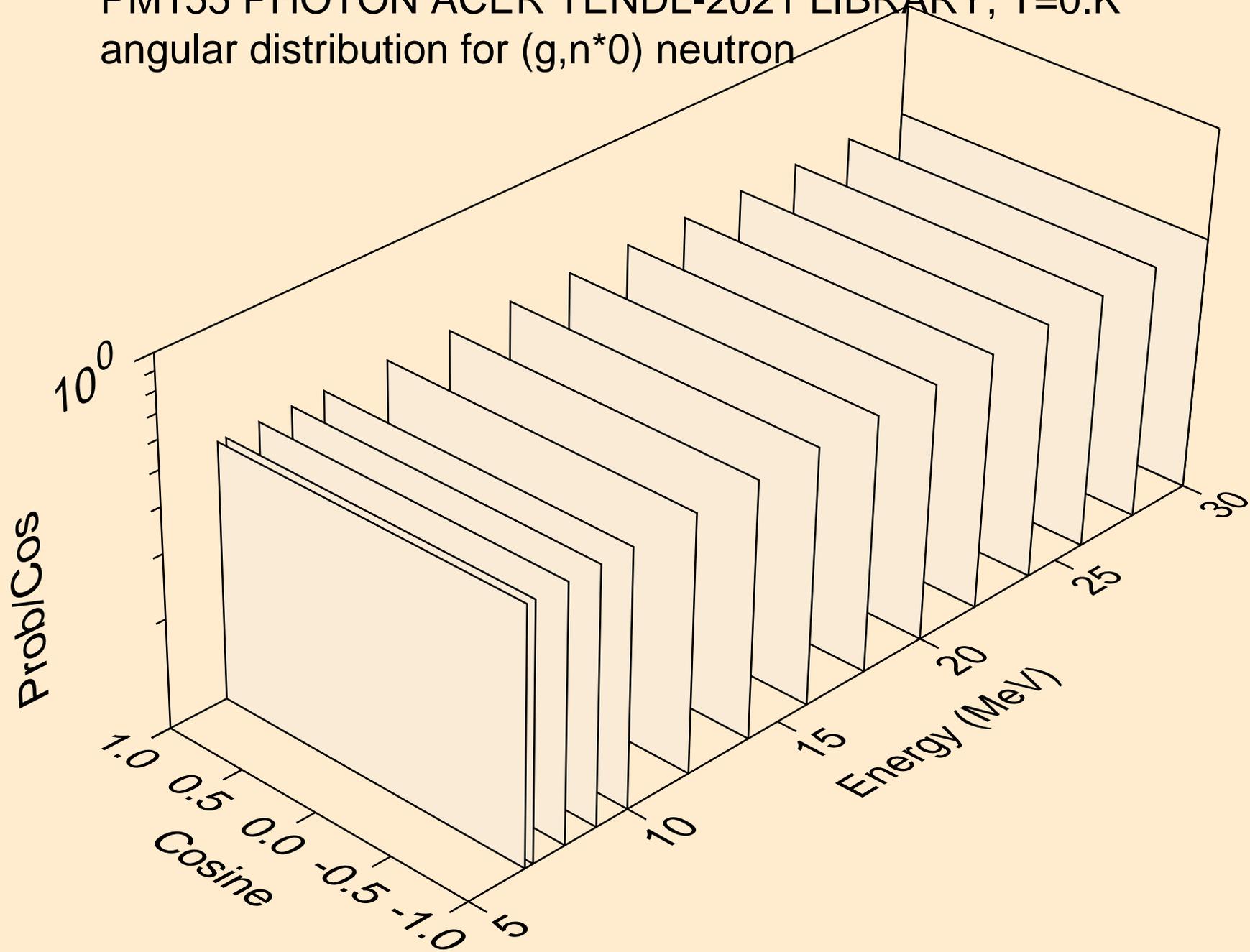neutrons from (g,n*)t

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
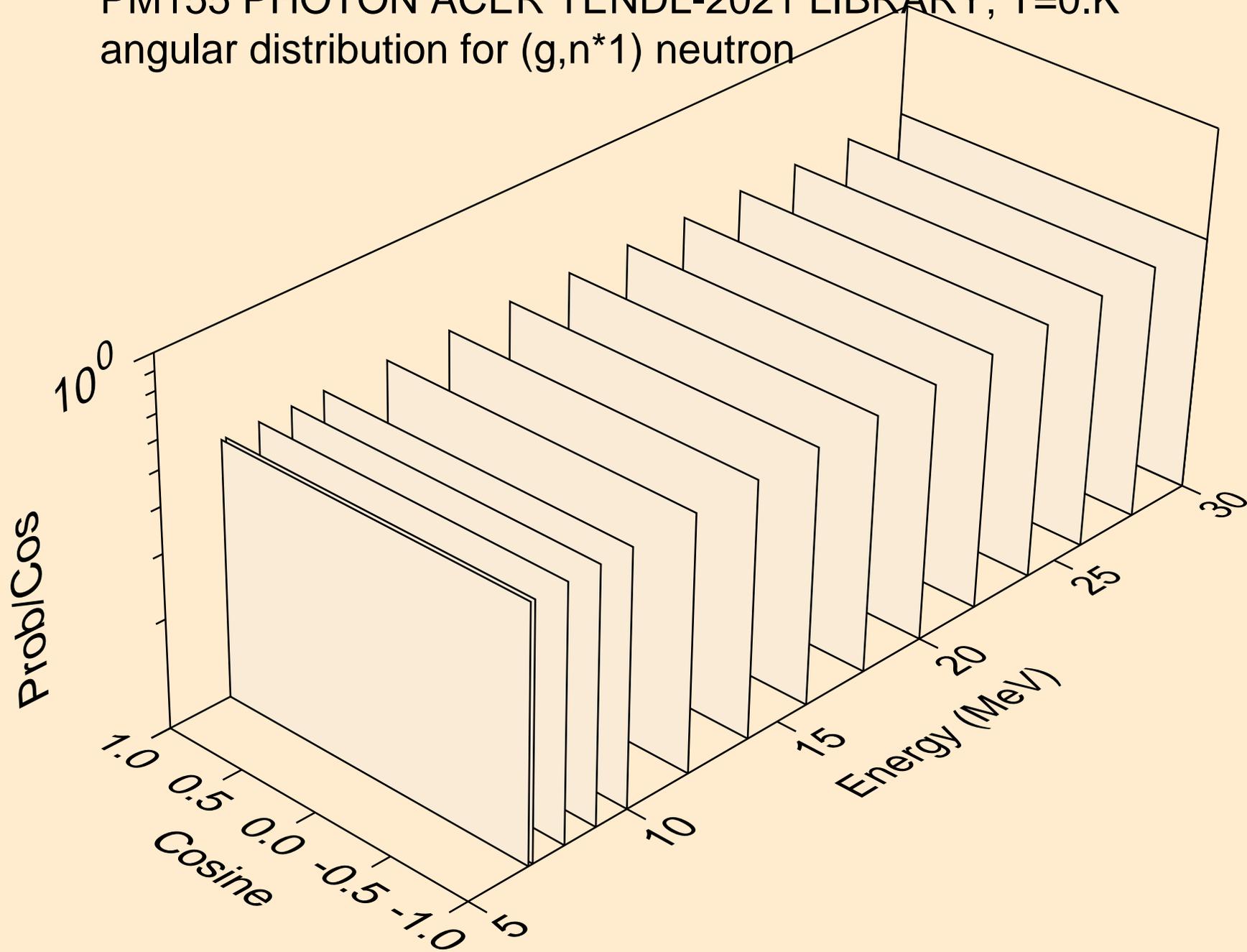neutrons from (g,4n)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
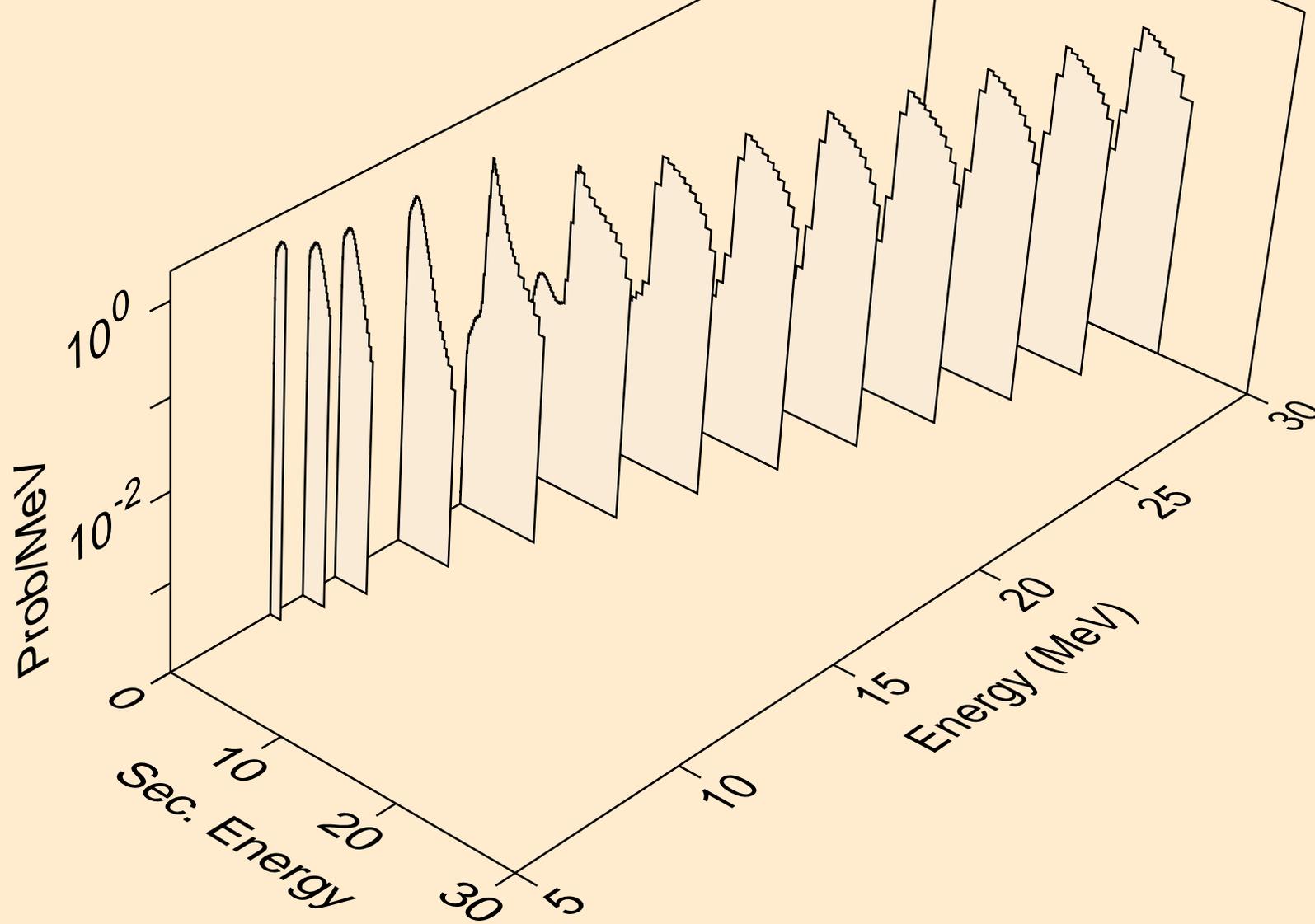neutrons from (g,2np)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
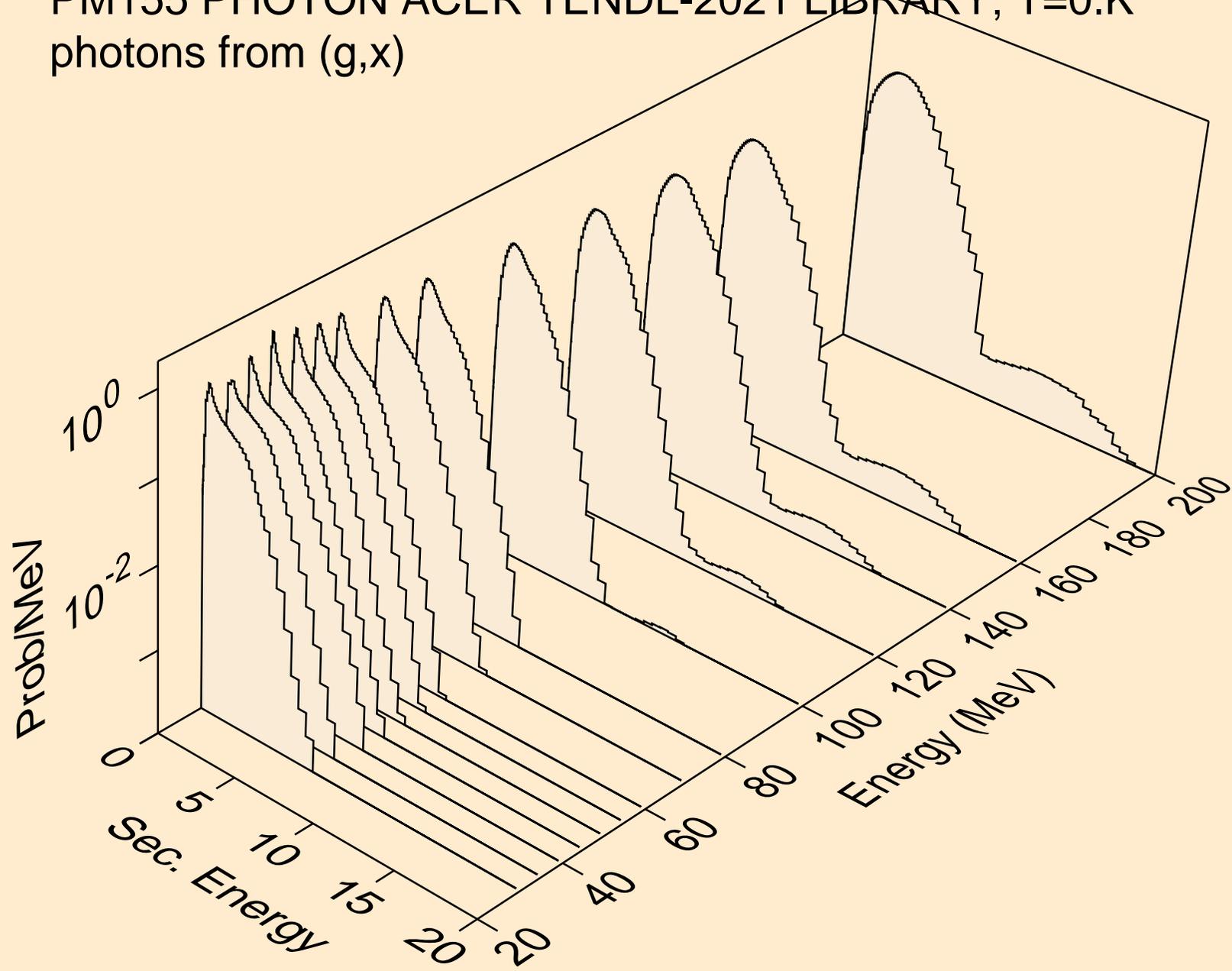angular distribution for (g,n*0) neutron

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
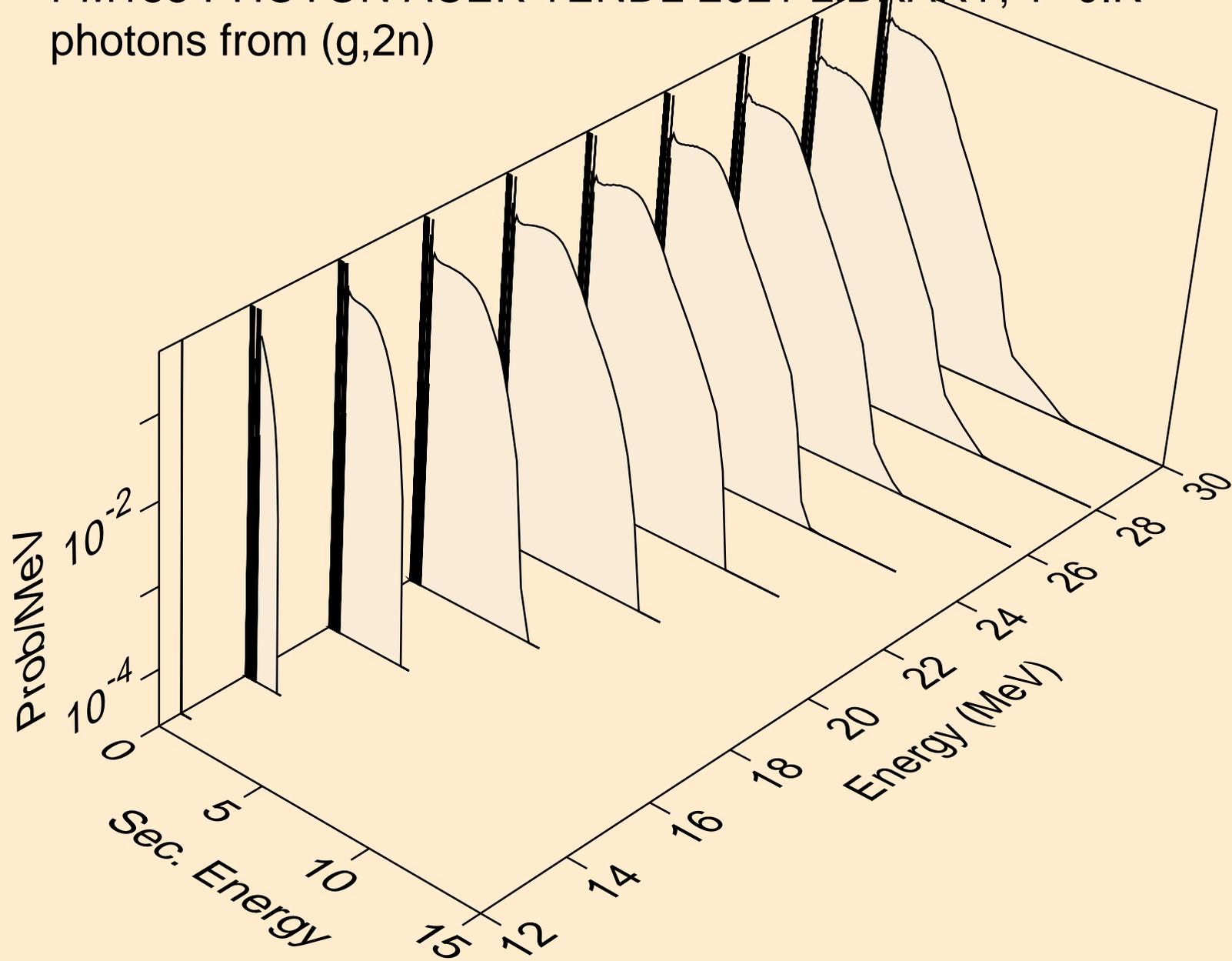angular distribution for (g,n*1) neutron

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
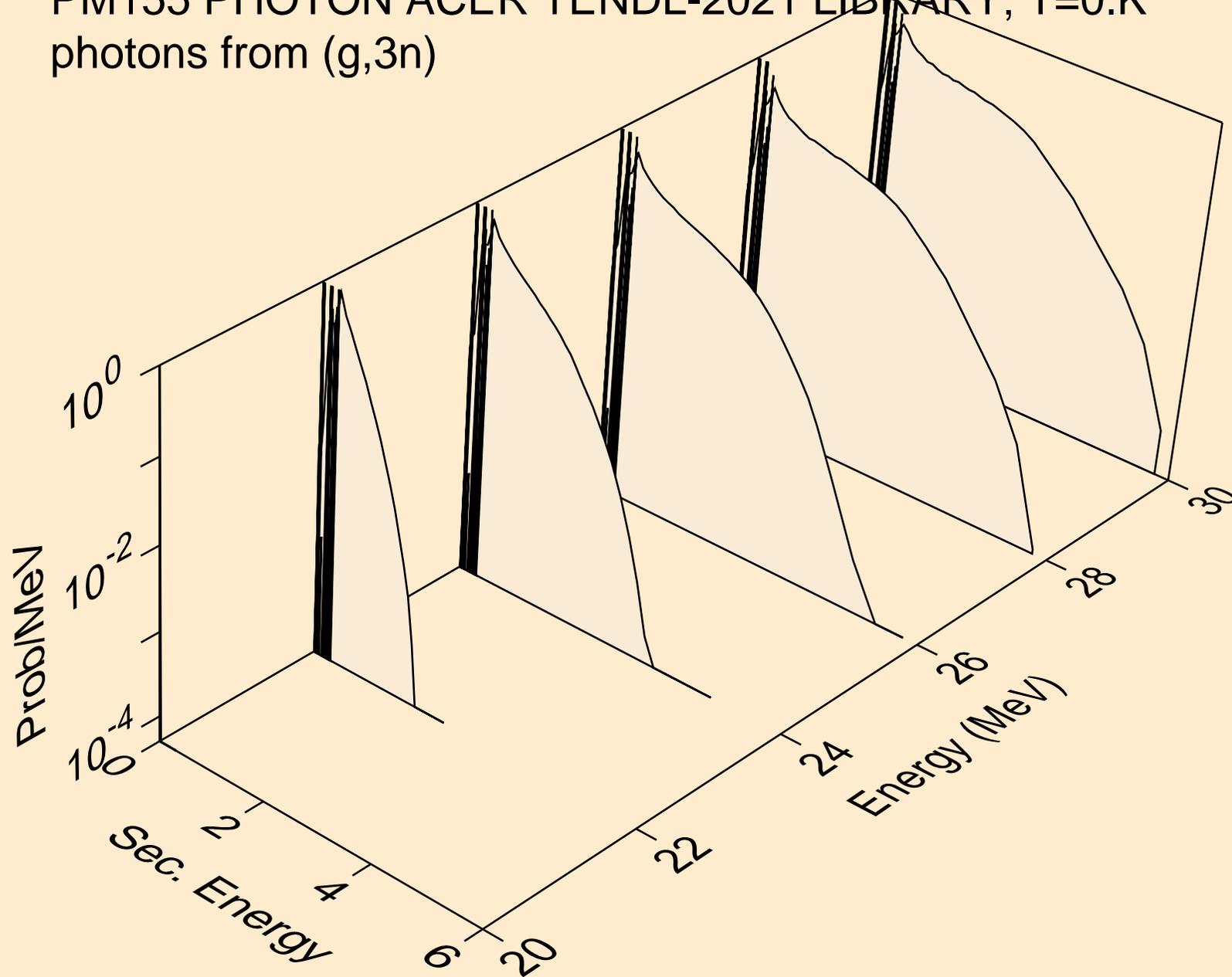neutrons from (g,n*c)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
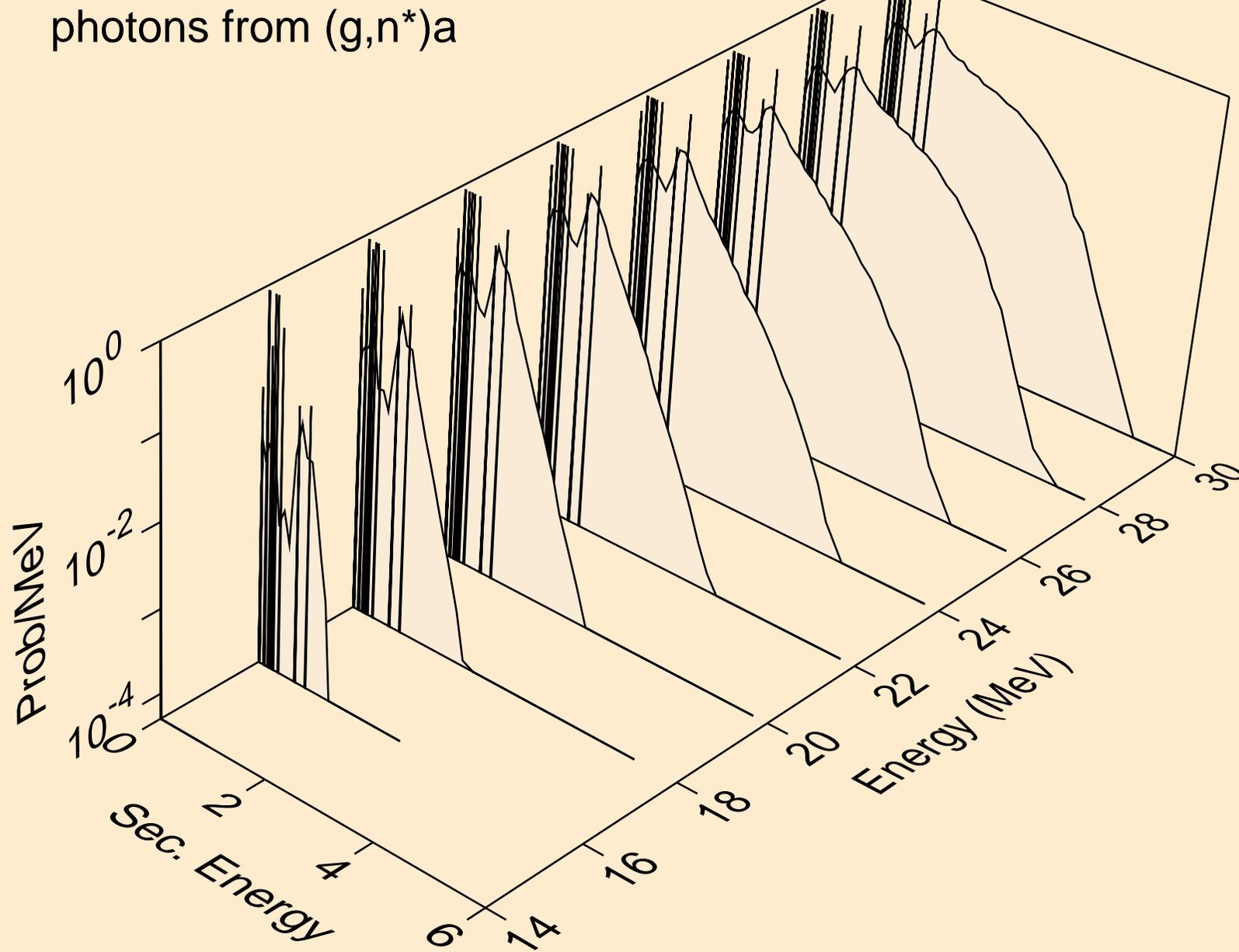photons from (g,x)

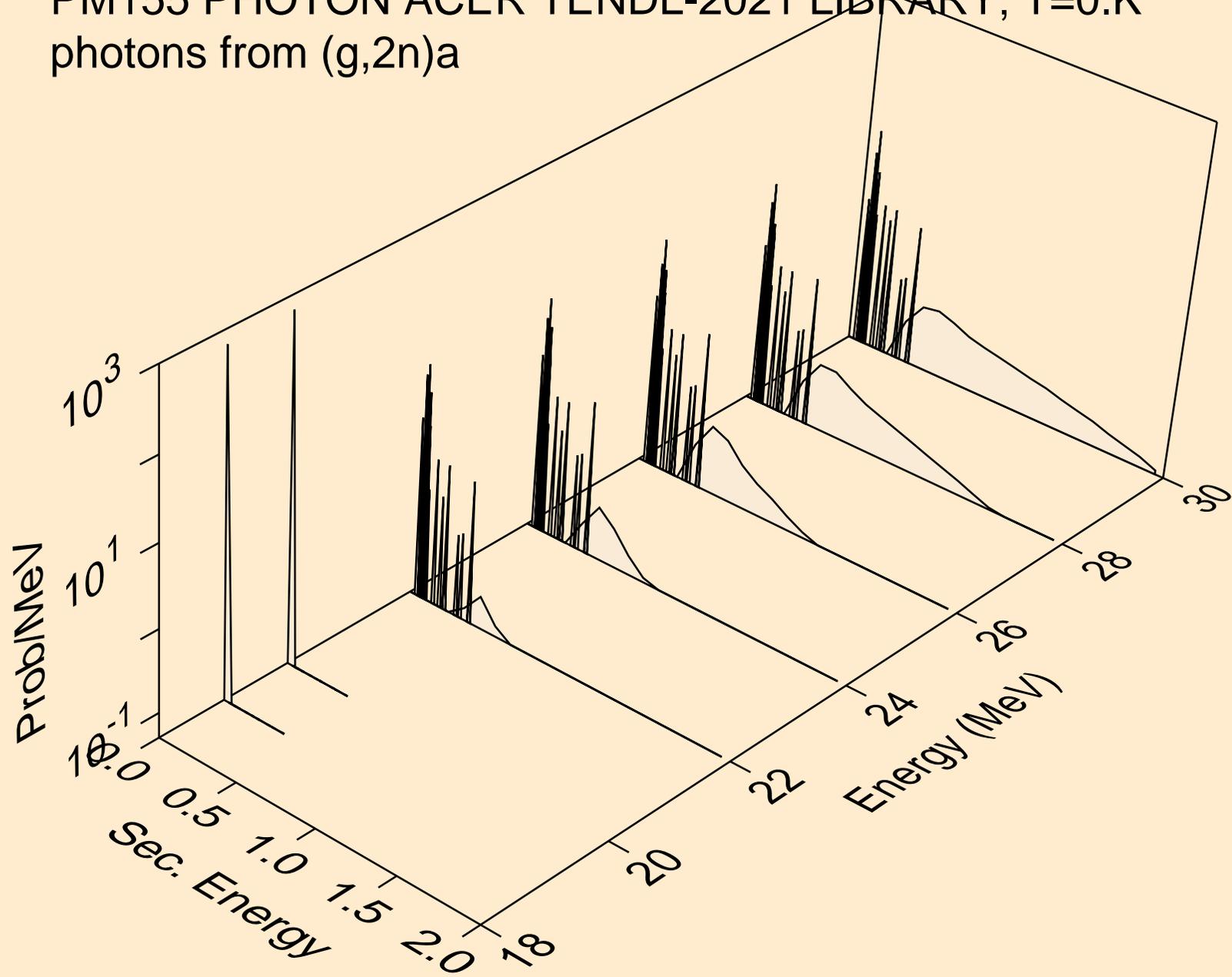PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2n)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,3n)

Prob/MeV

$10^0$

$10^{-2}$

$10^{-4}$

Sec. Energy

2

4

6

Energy (MeV)

20

22

24

26

28

30

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)a

Prob/MeV

$10^0$

$10^{-2}$

$10^{-4}$

Sec. Energy

2

4

6

Energy (MeV)

14

16

18

20

22

24

26

28

30

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,2n)a

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)p

ProbIMeV
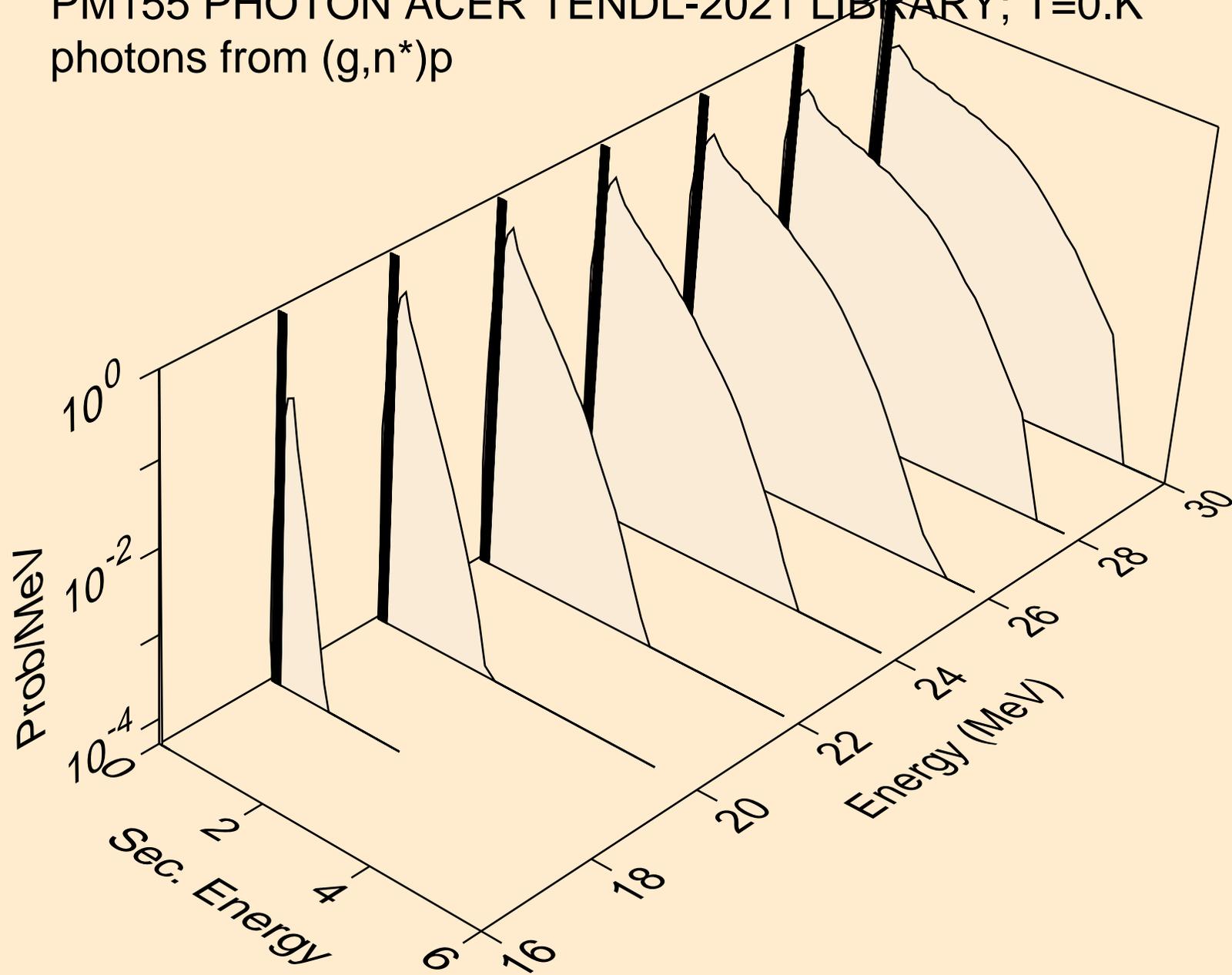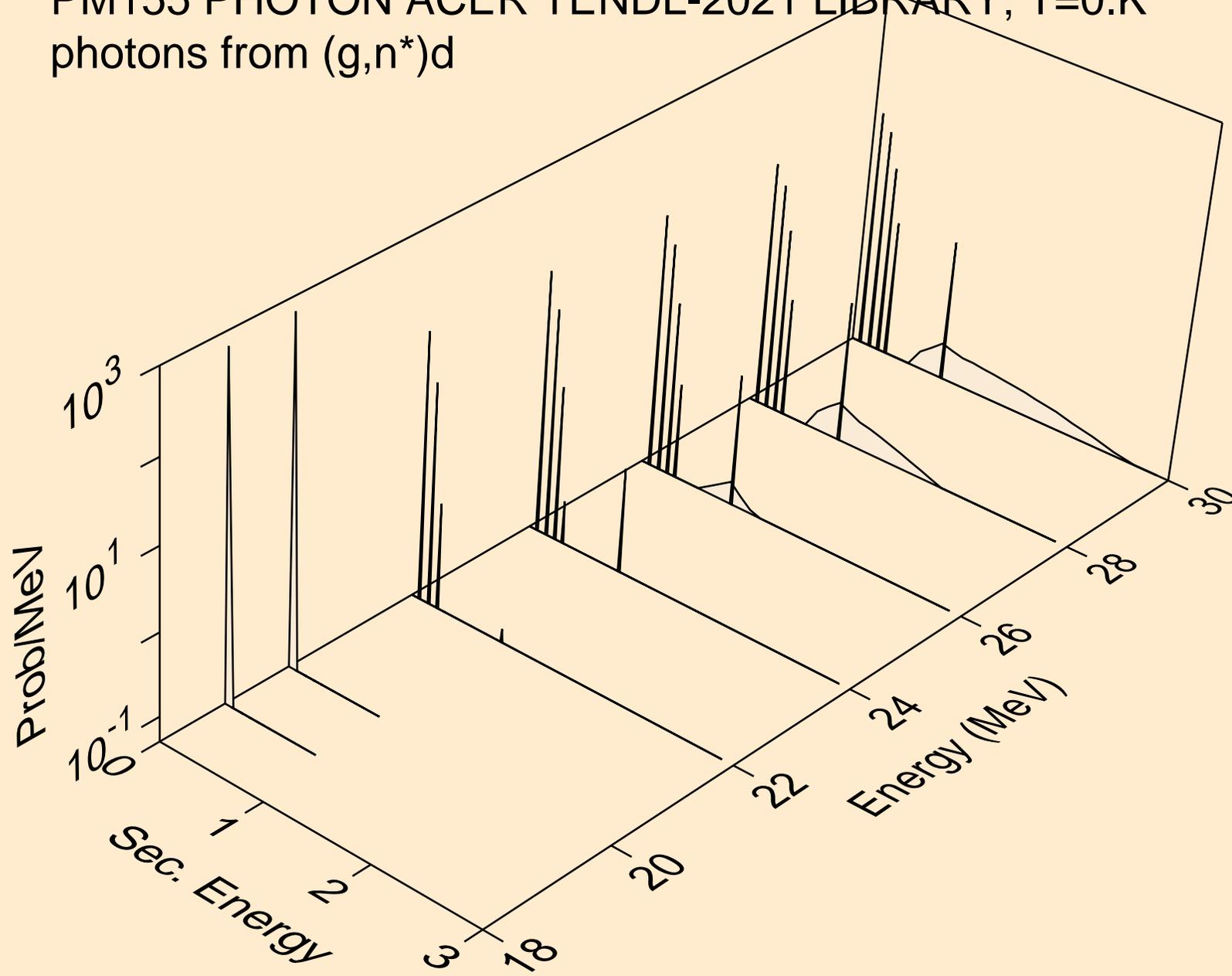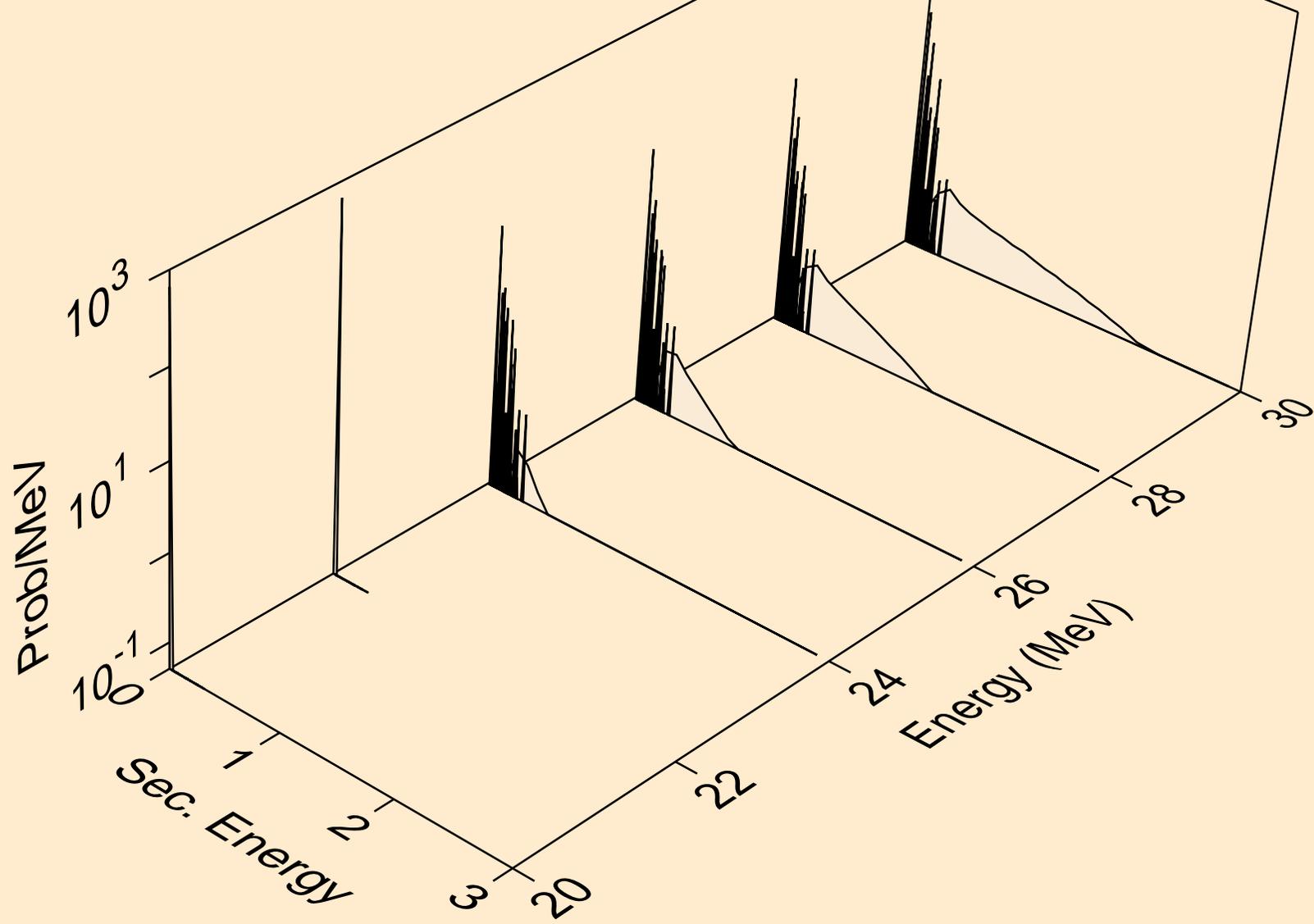
Sec. Energy

Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)d

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*)t

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
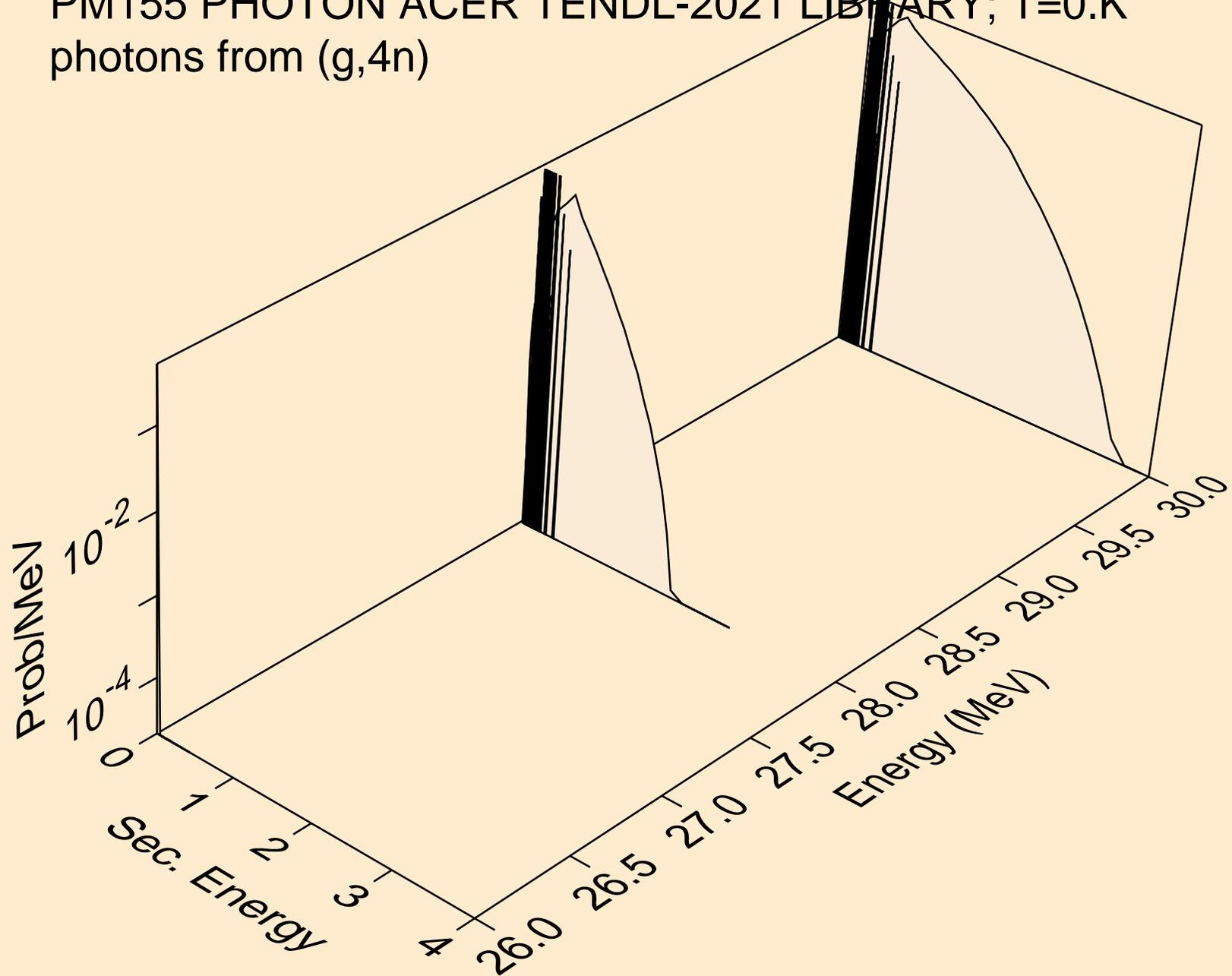photons from (g,4n)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
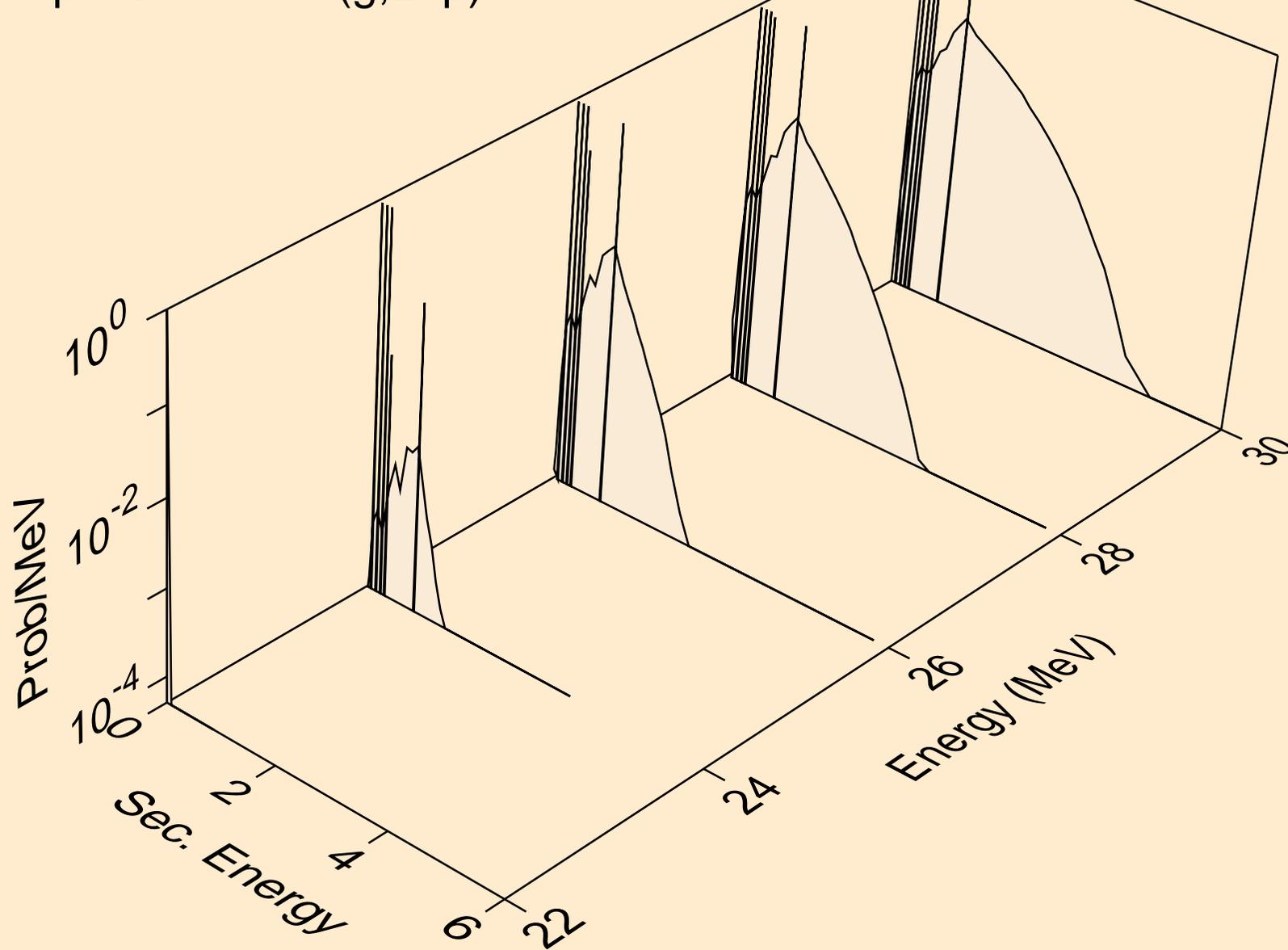photons from (g,2np)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,n*c)
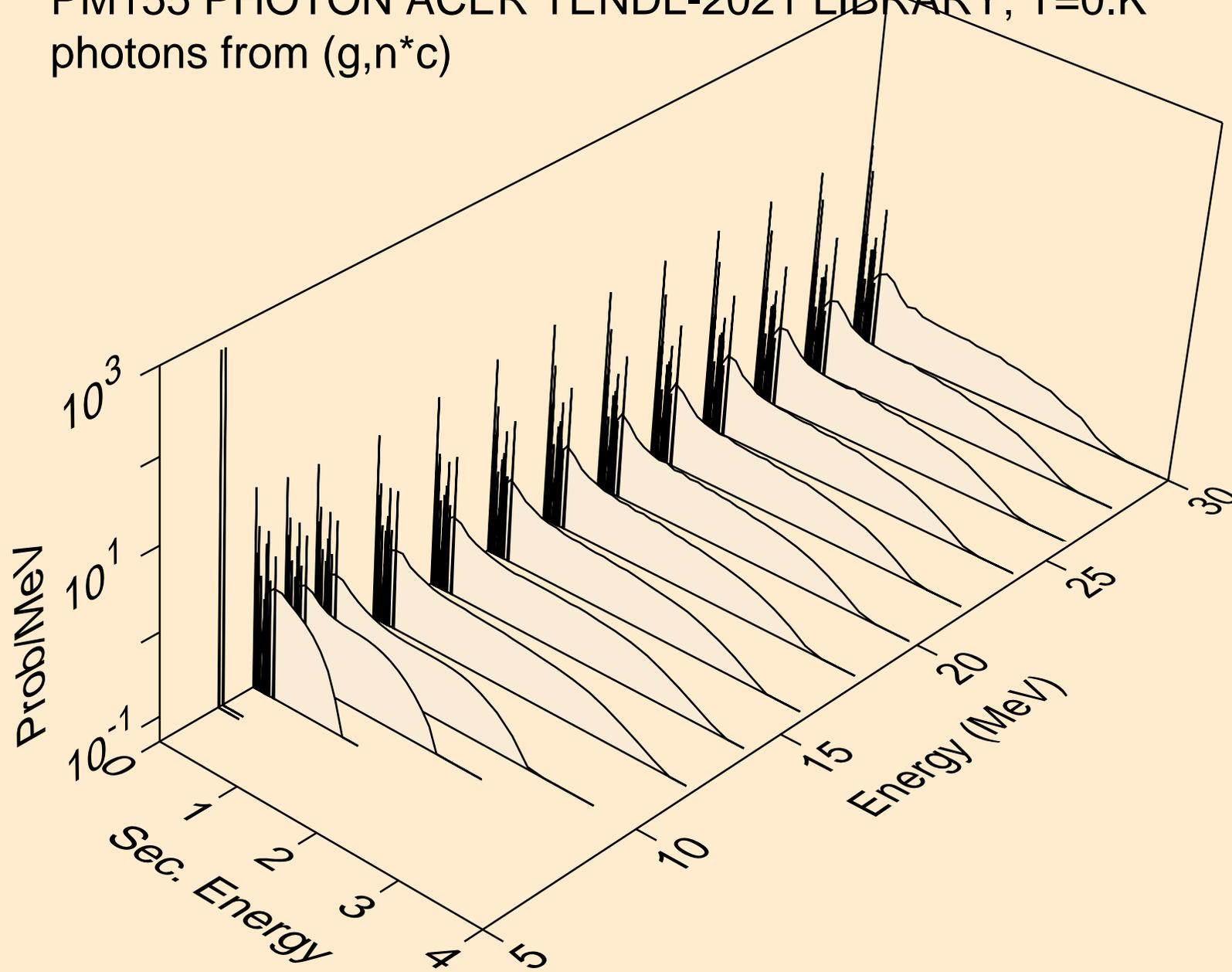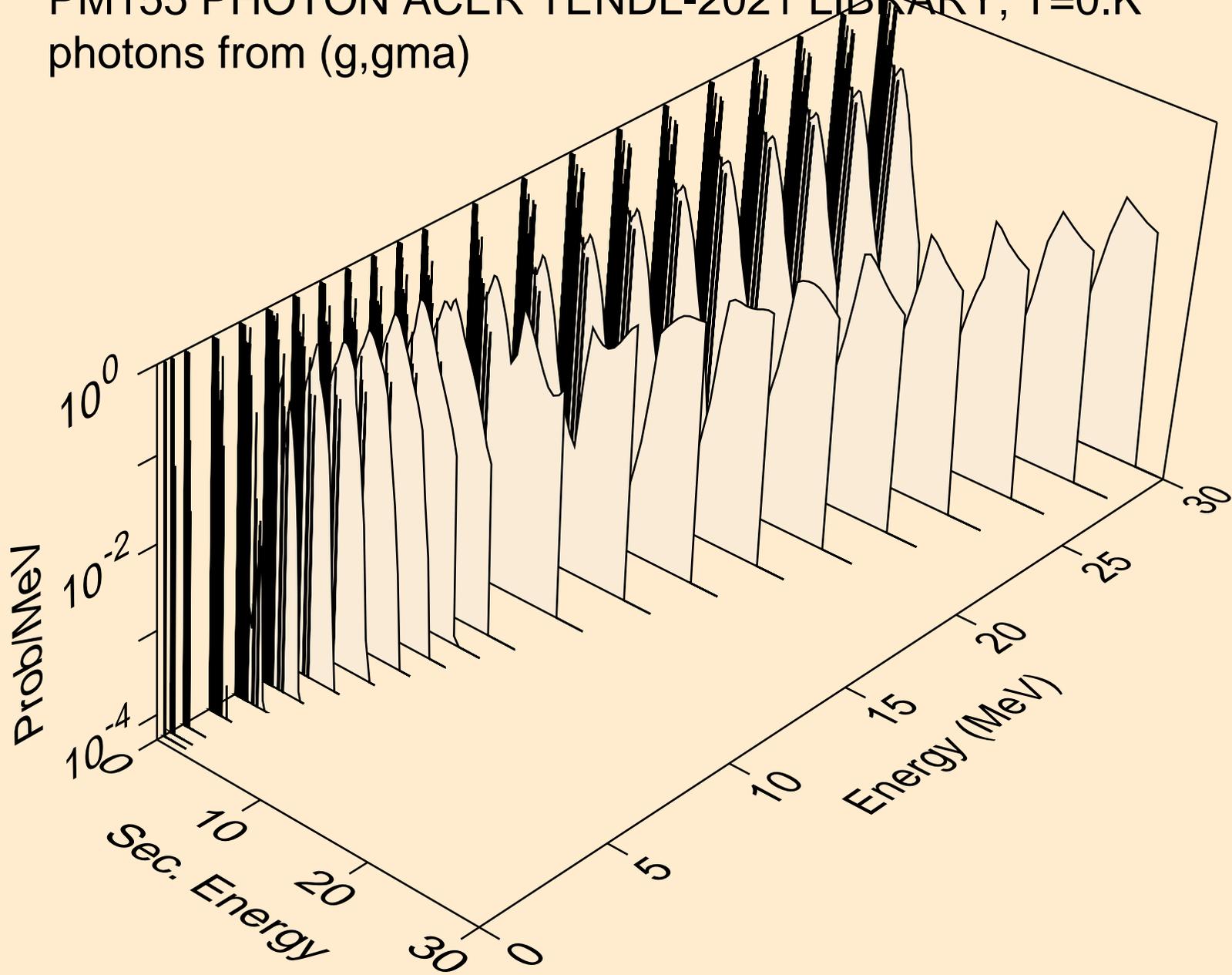
PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,gma)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,p)

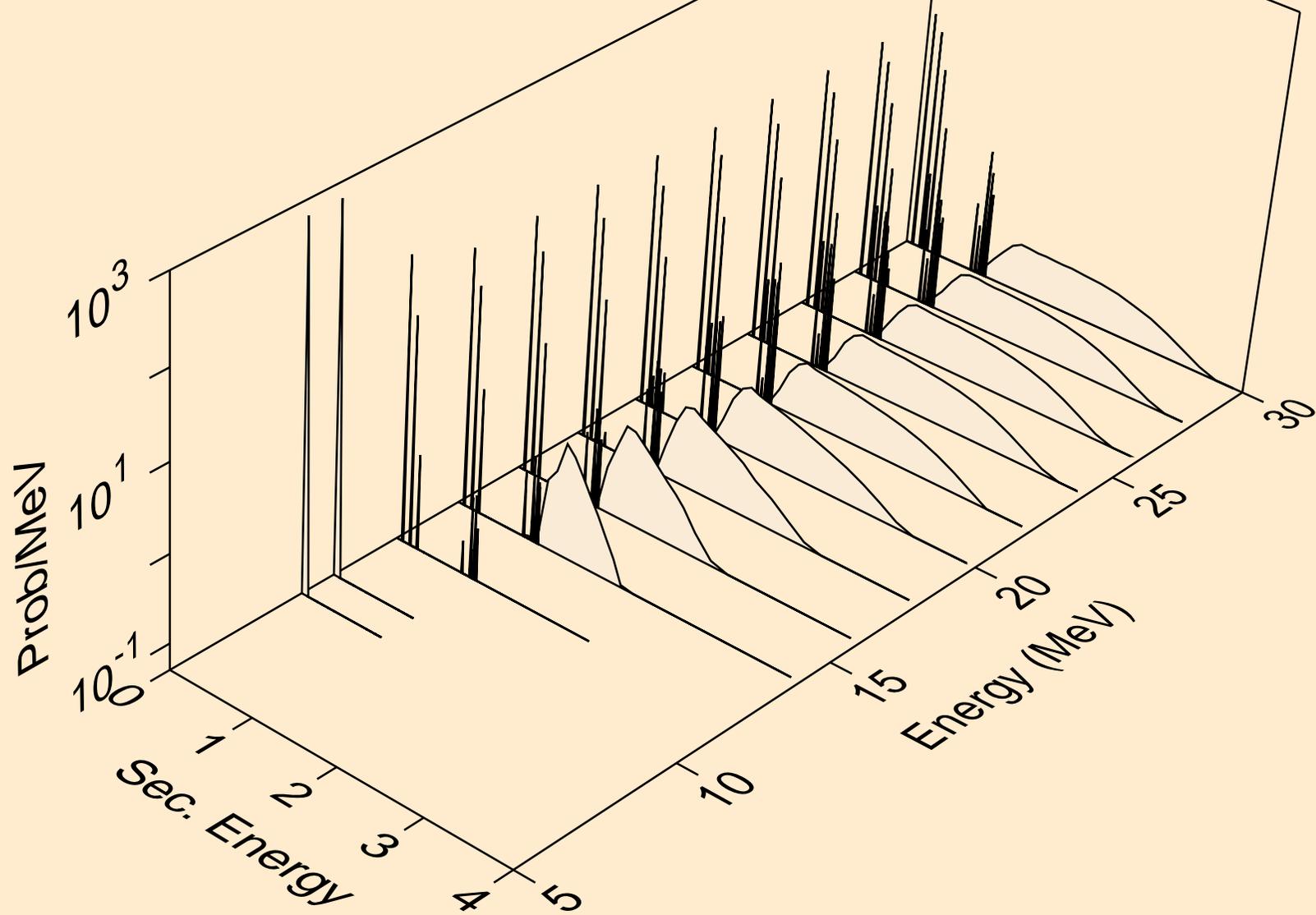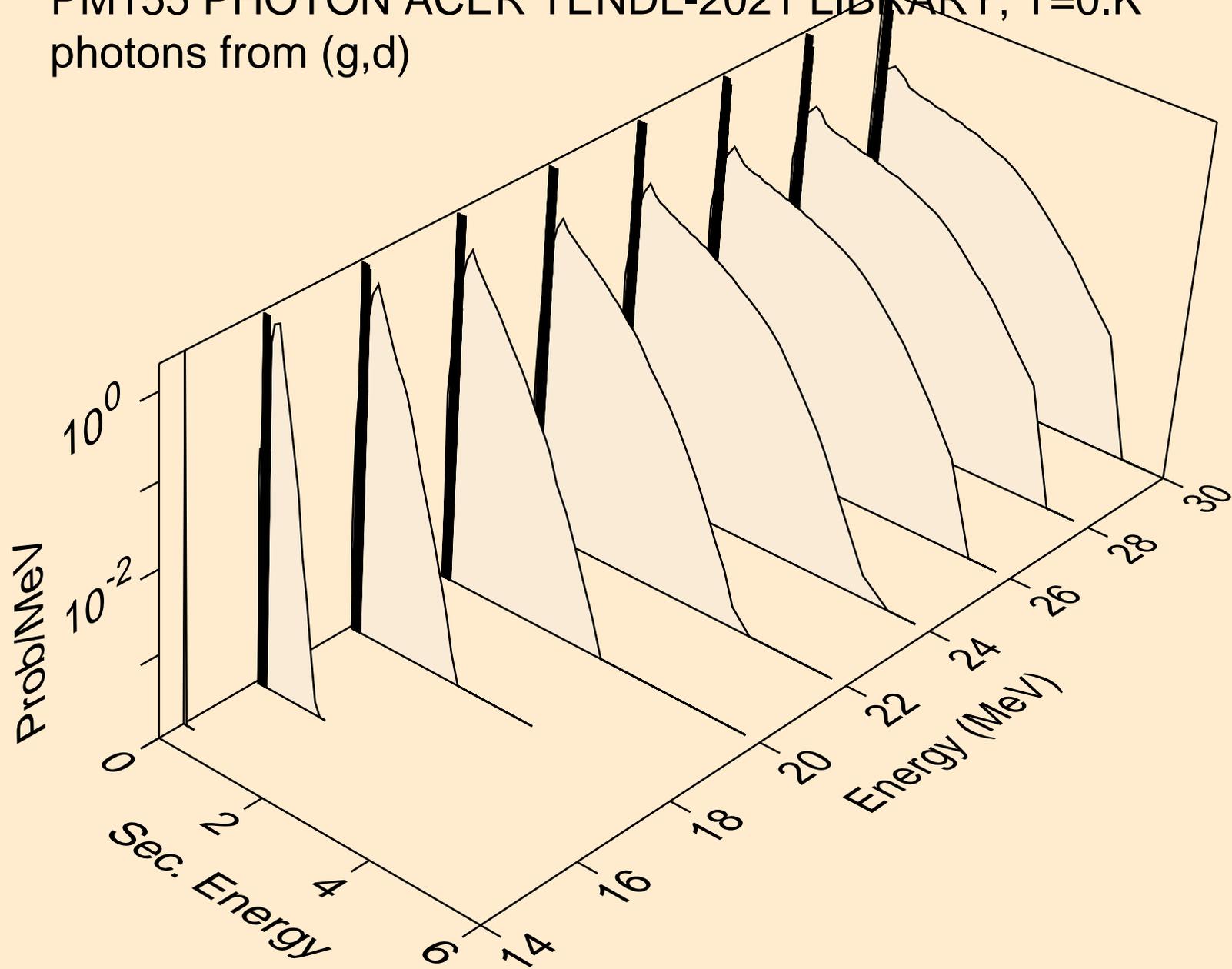PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,d)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,t)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
photons from (g,a)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,x)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,n*)p

Prob/MeV

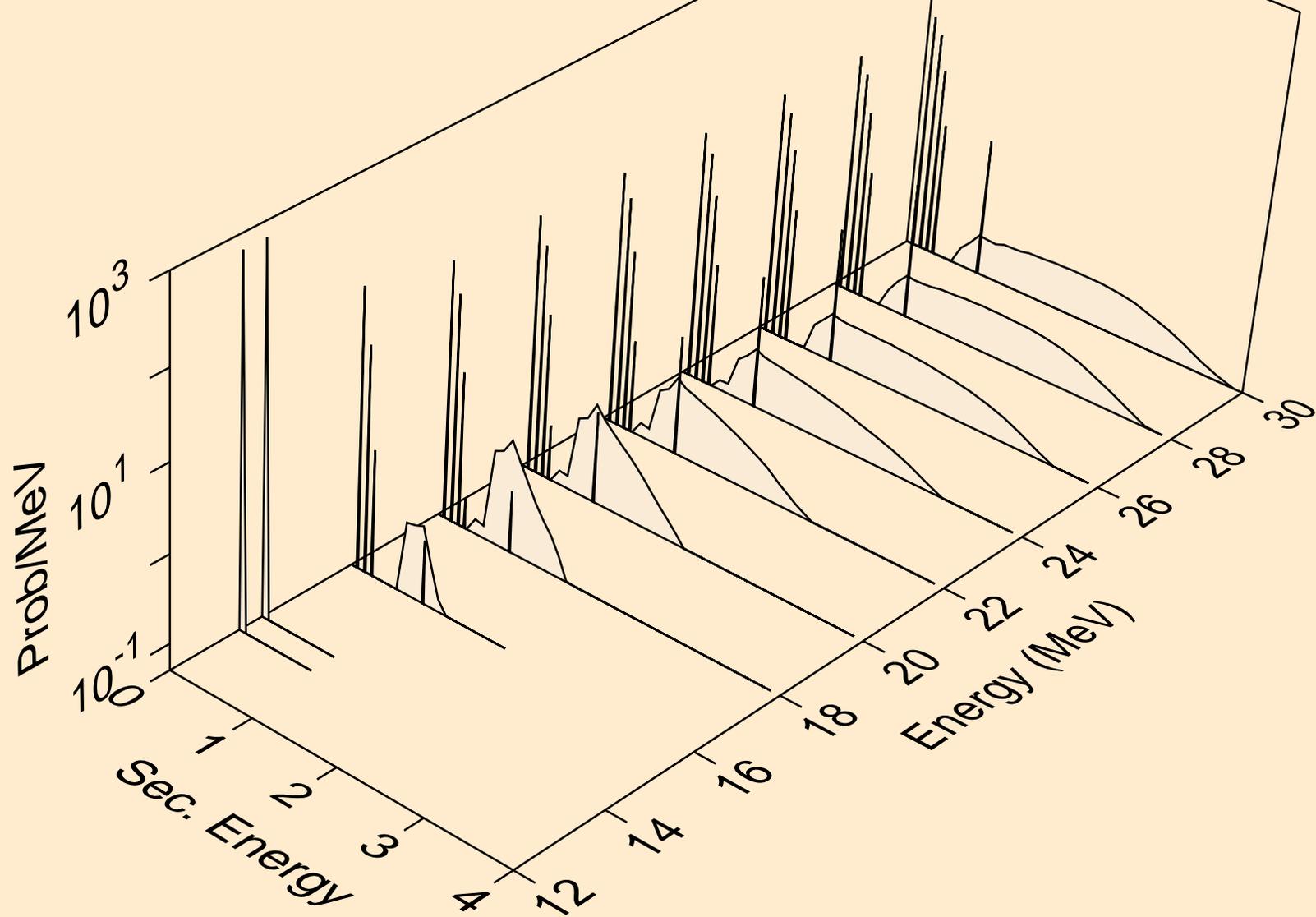$10^{-1}$
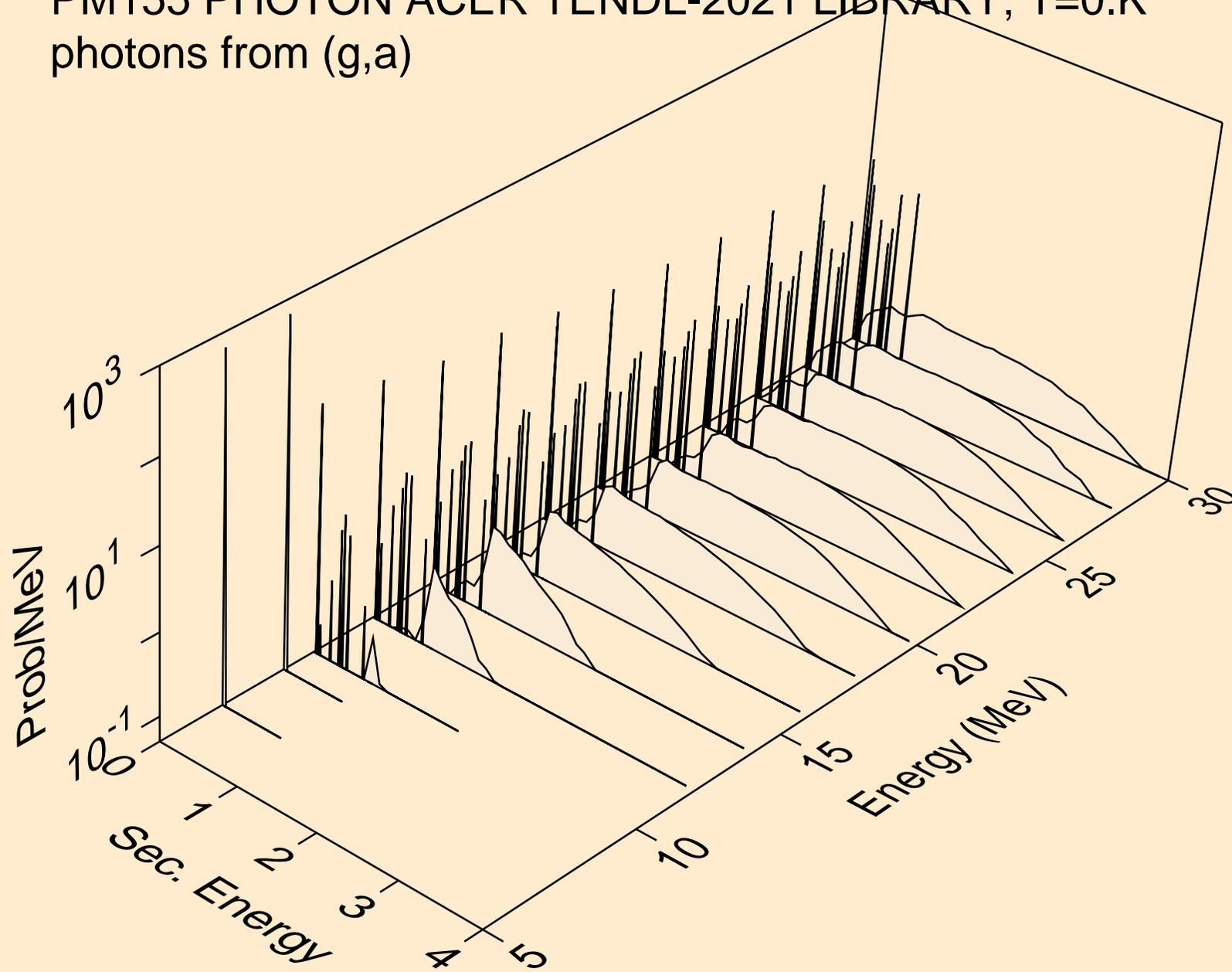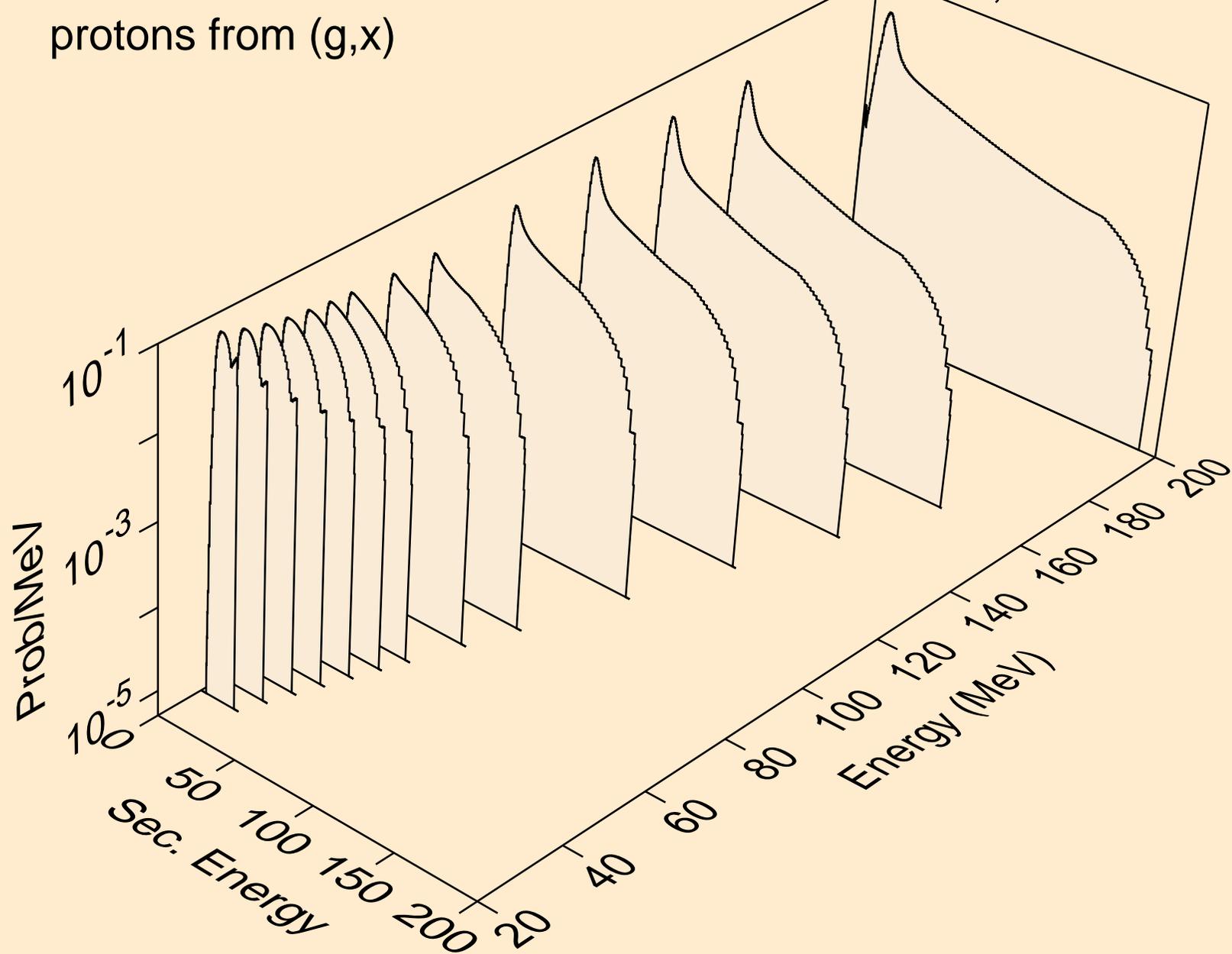
$10^{-3}$
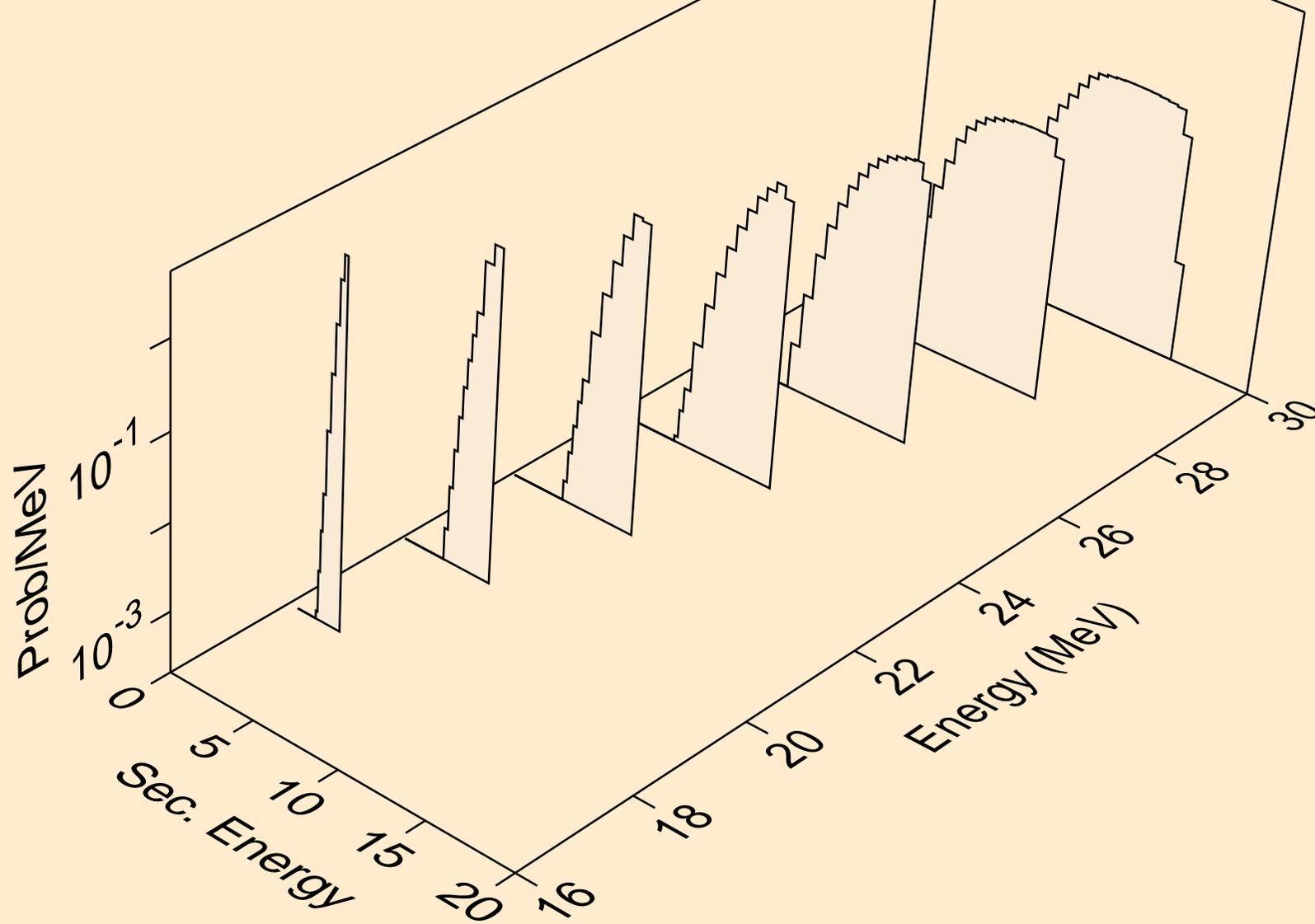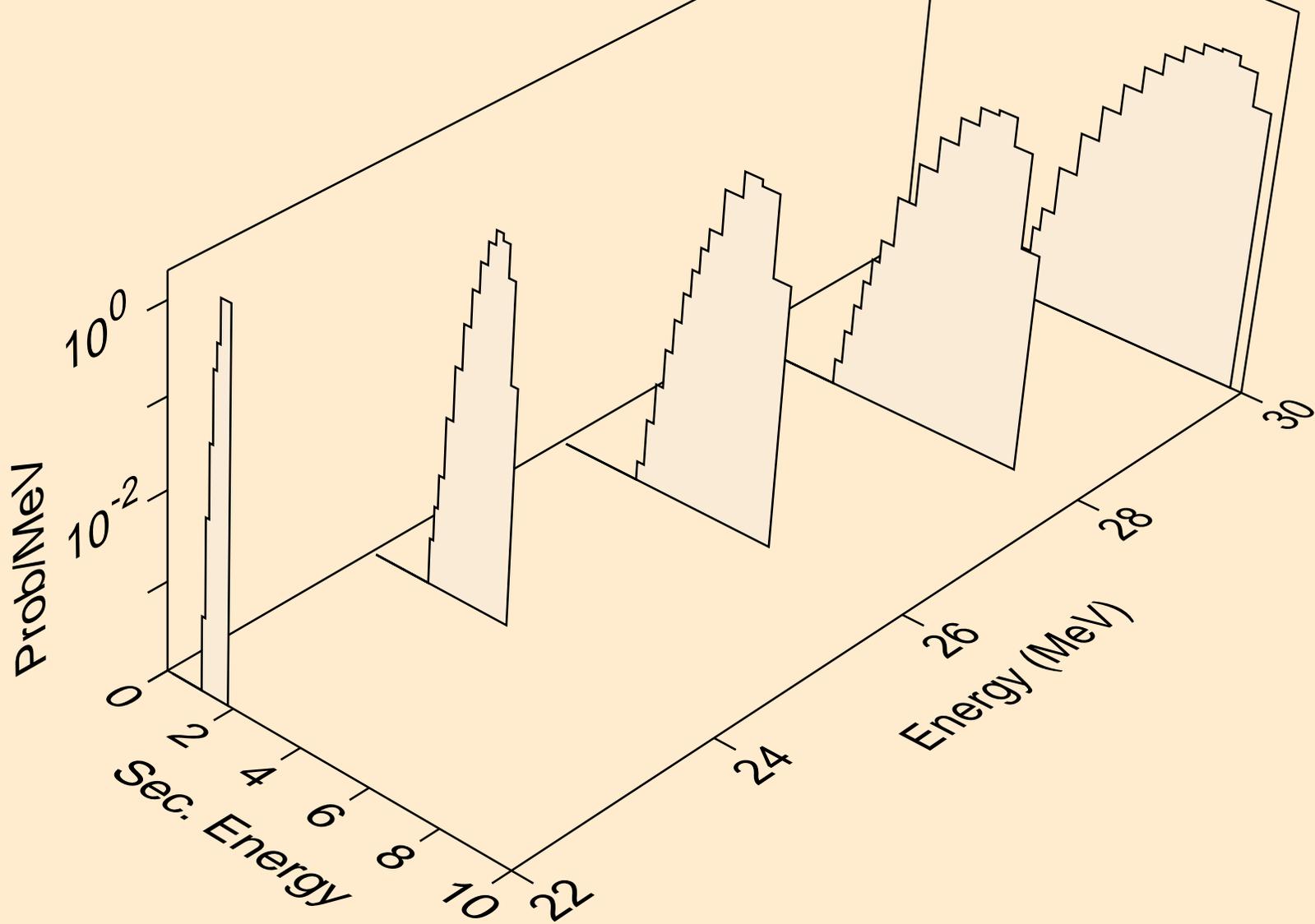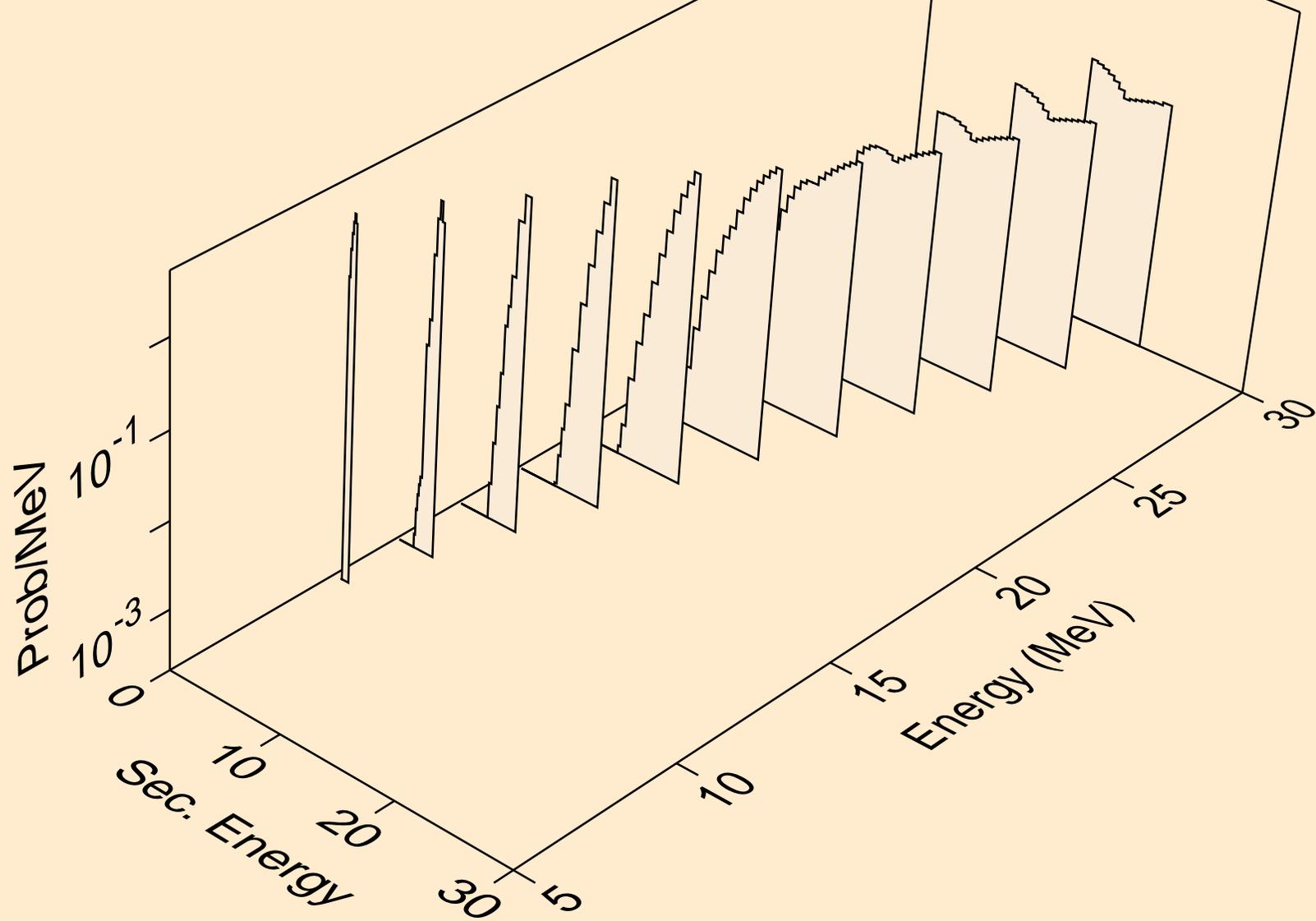
Sec. Energy

Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,2np)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
protons from (g,p)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,x)

Prob/MeV

$10^{-1}$

$10^{-3}$

0

Sec. Energy

50    100    150    200

Energy (MeV)

20    40    60    80    100    120    140    160    180    200

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,n*)d

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (g,d)

Prob/MeV

$10^0$

$10^{-2}$

0

Sec. Energy

5

10

15

20

14

16

18

20
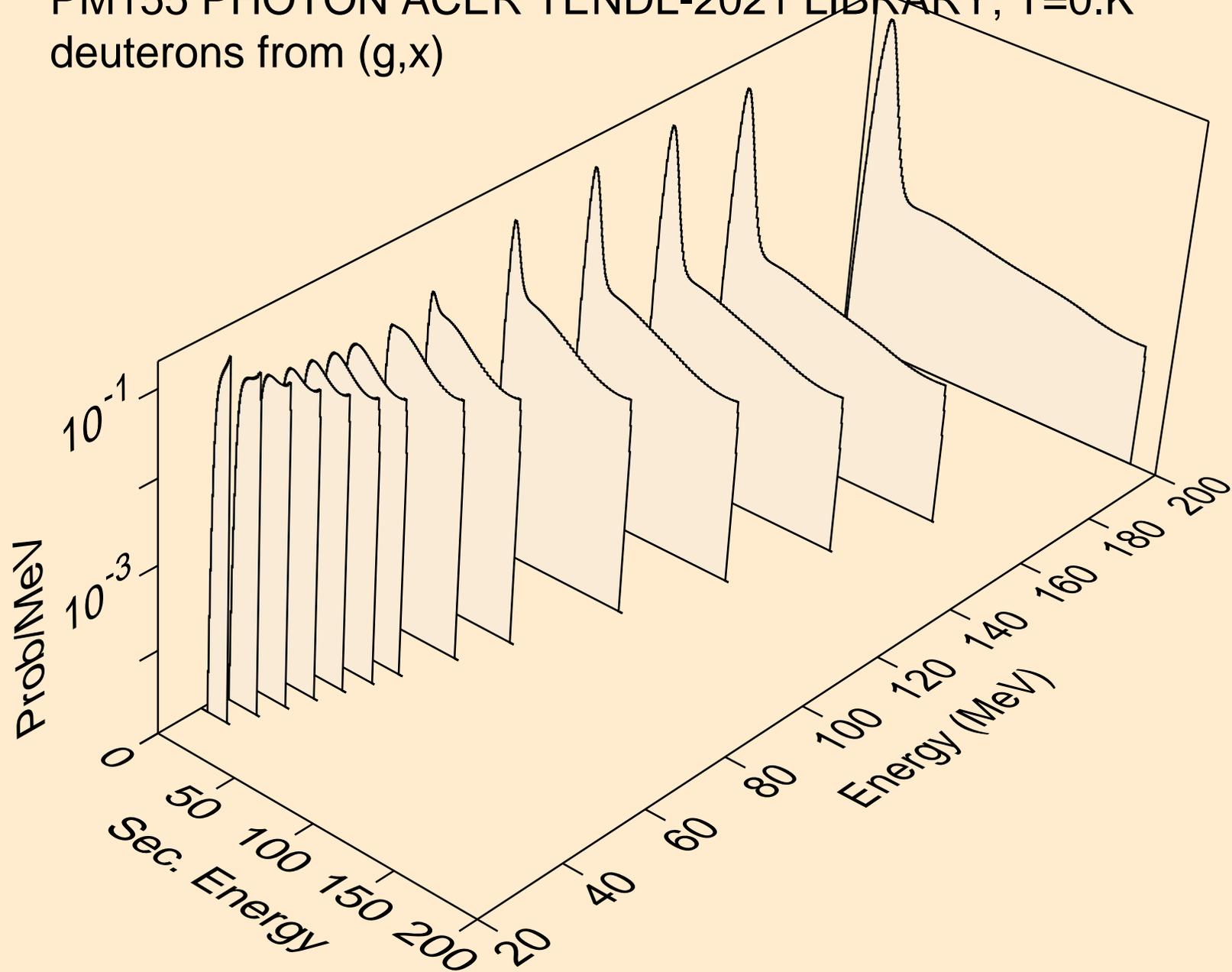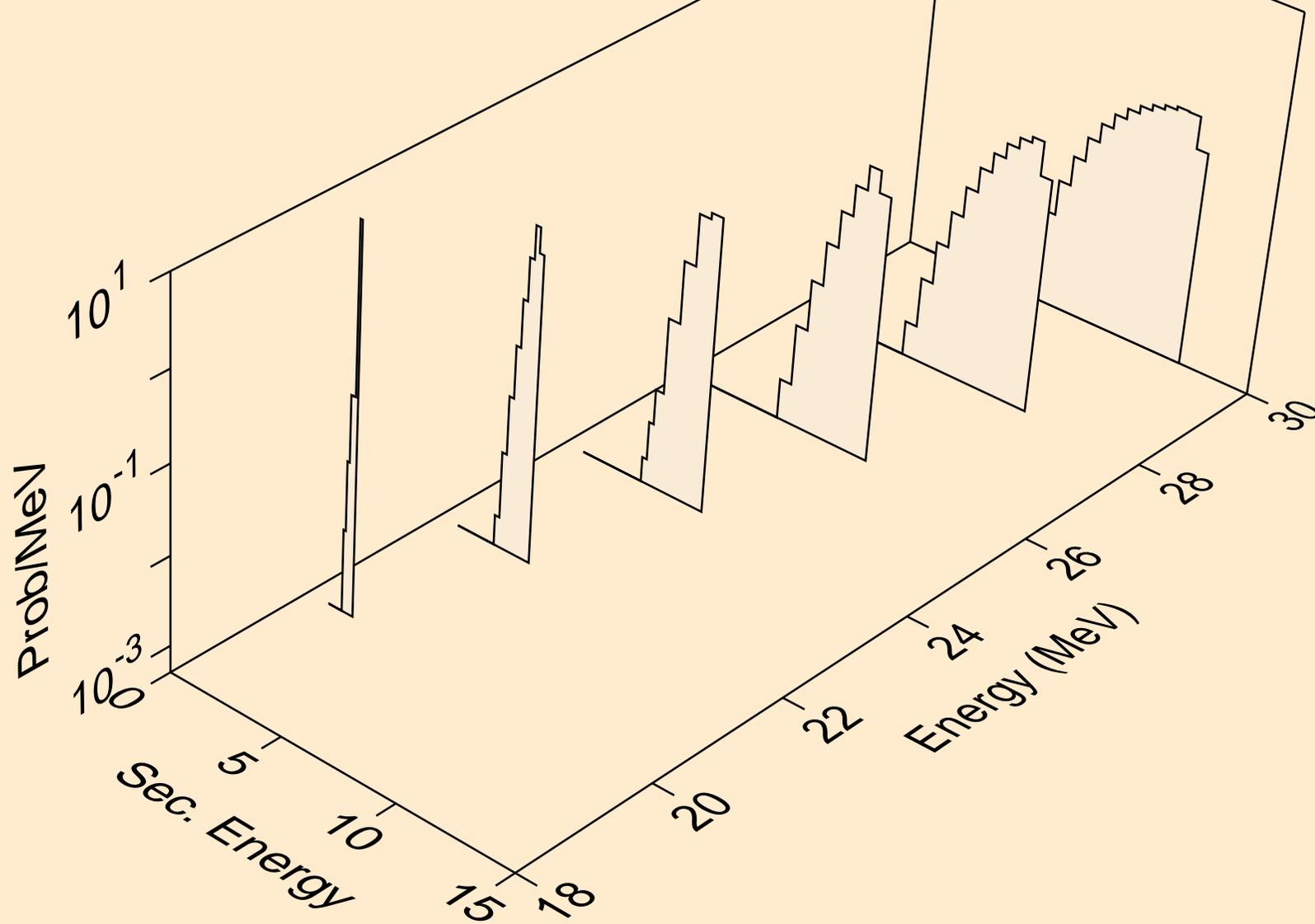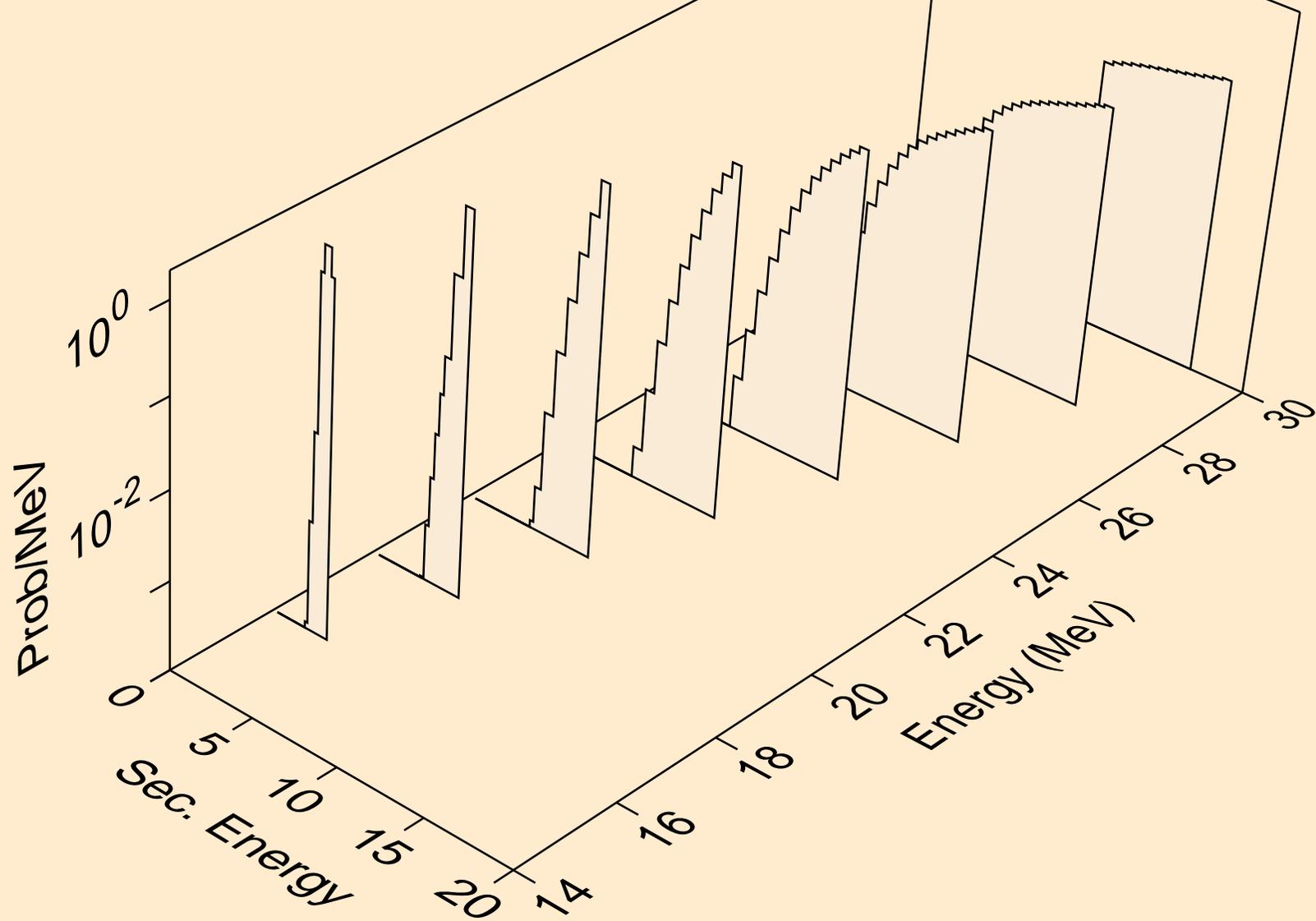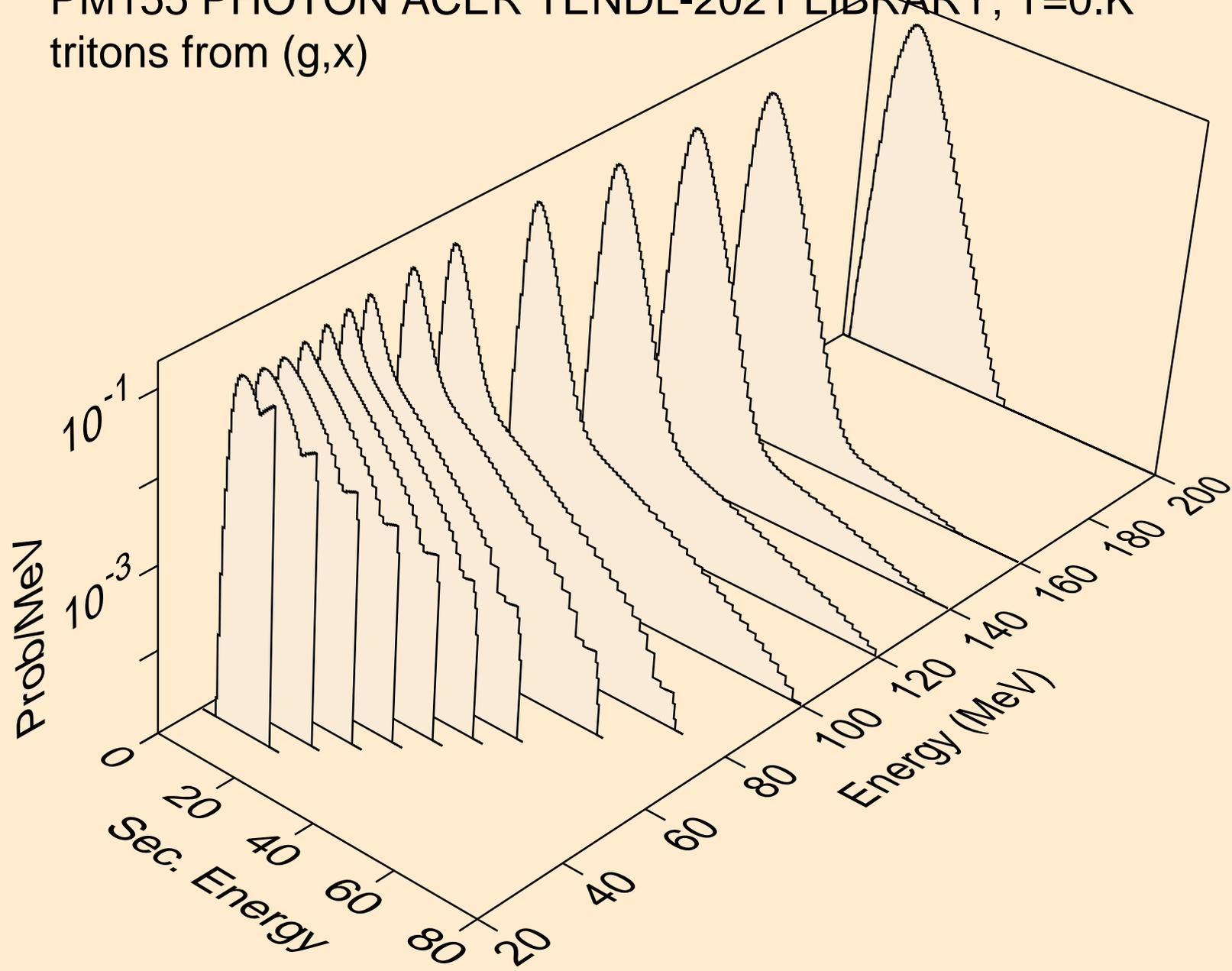
22

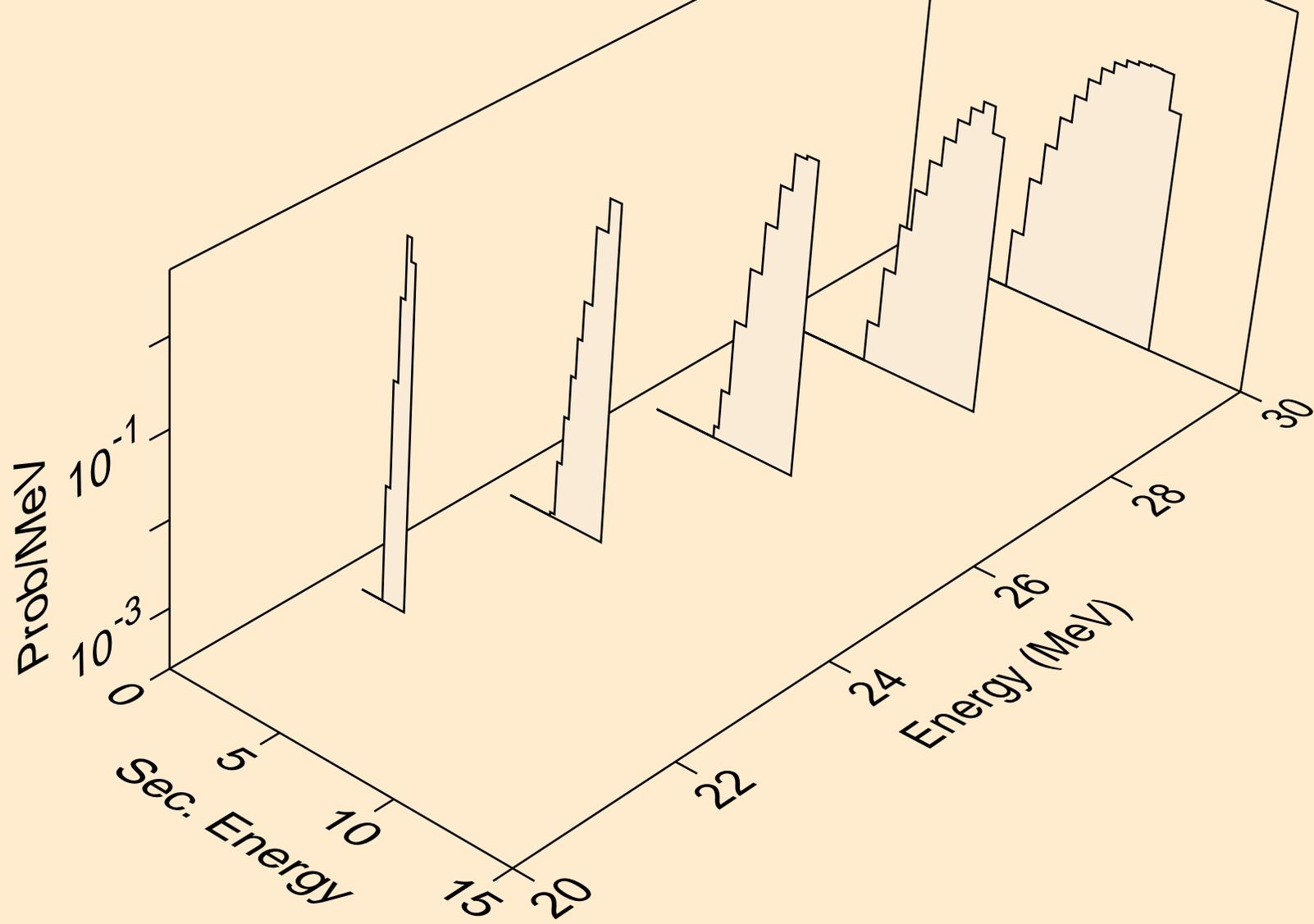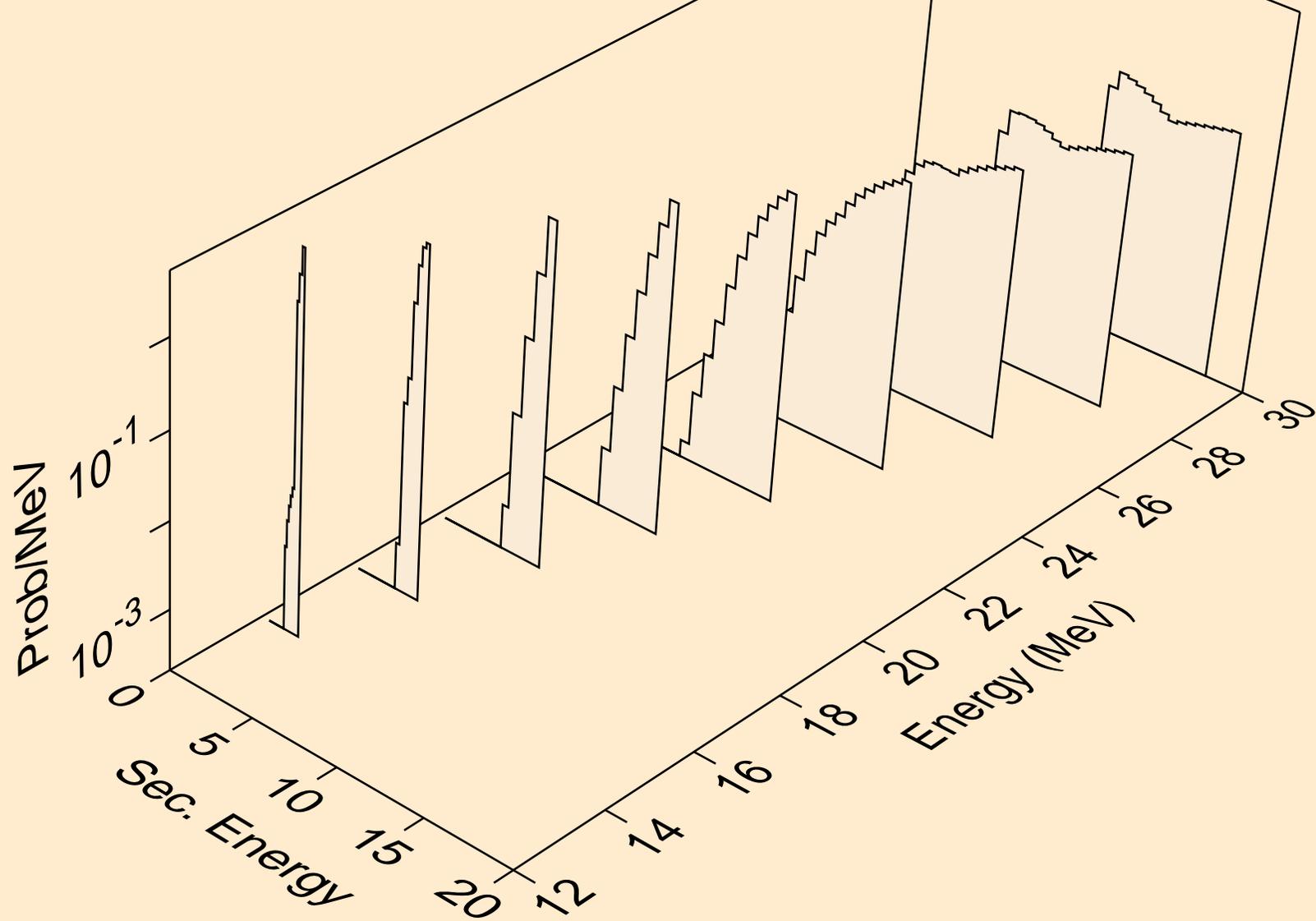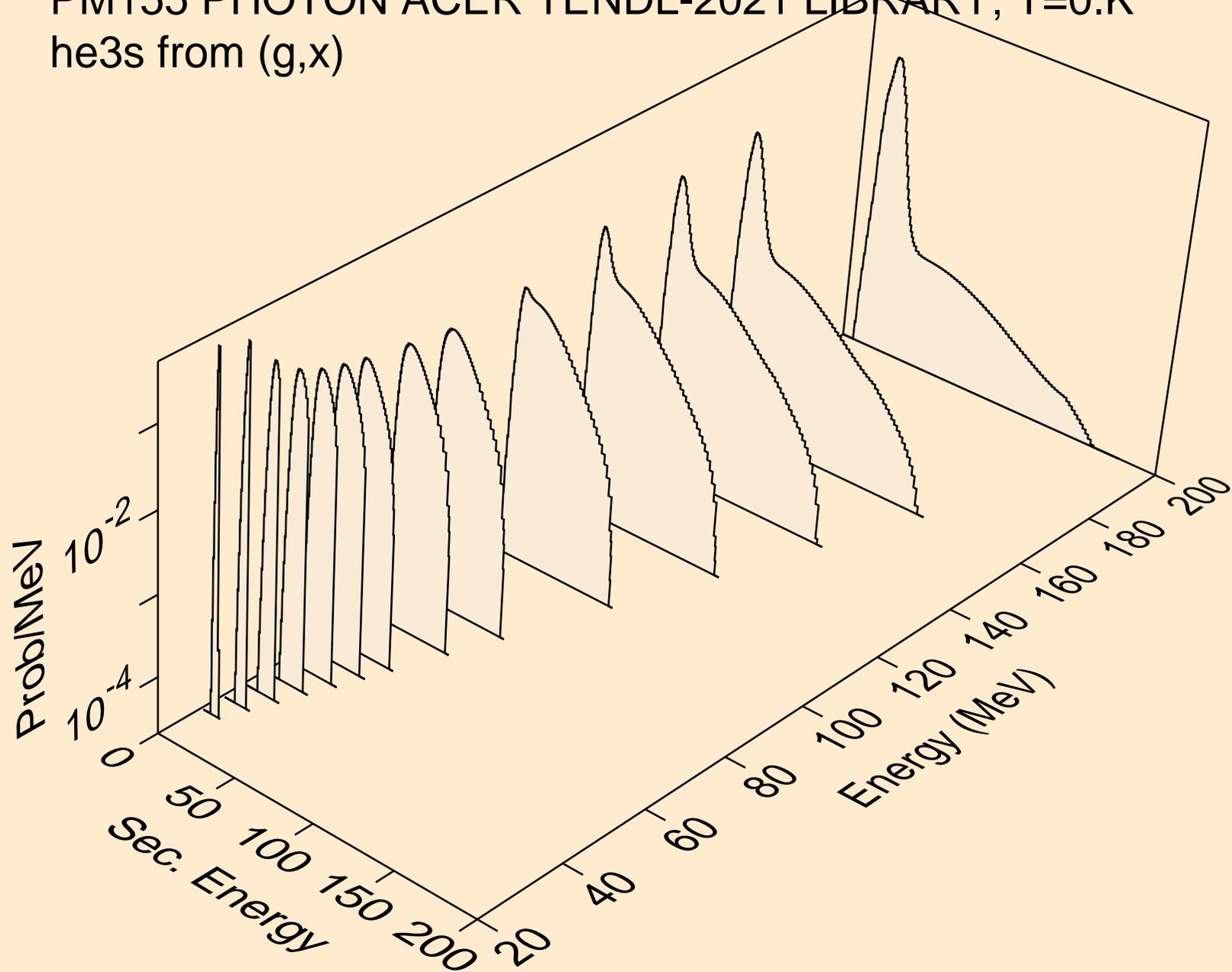24

26

28

30

Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (g,x)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (g,n*)t

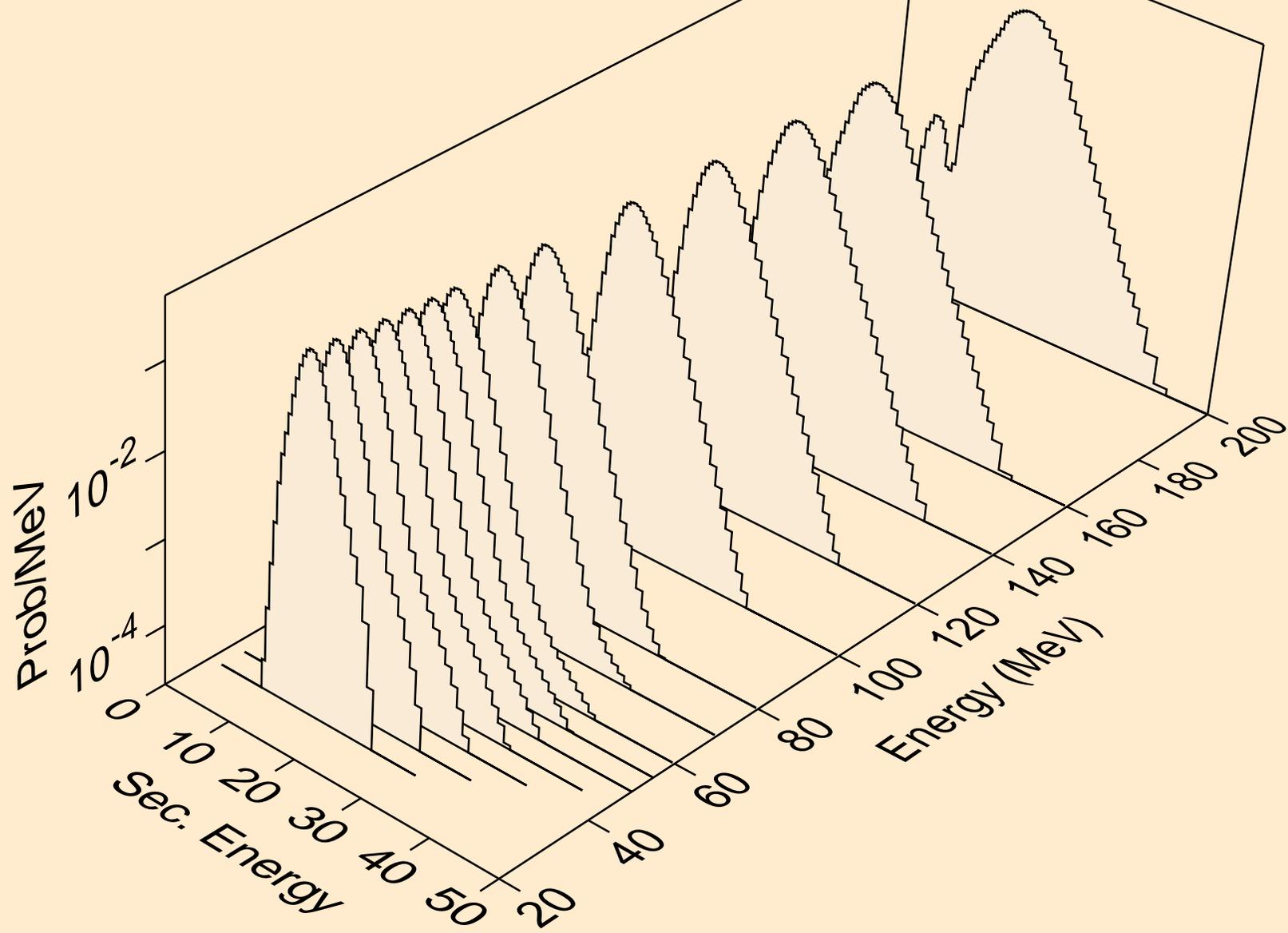PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (g,t)

Prob/MeV

Sec. Energy

Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (g,x)

Prob/MeV

$10^{-2}$

$10^{-4}$

Sec. Energy

Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,x)

Prob/MeV

$10^{-2}$

$10^{-4}$

0

Sec. Energy

10  20  30  40  50

20  40  60  80  100  120  140  160  180  200

Energy (MeV)

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,n*)a

Prob/MeV

$10^0$

$10^{-2}$
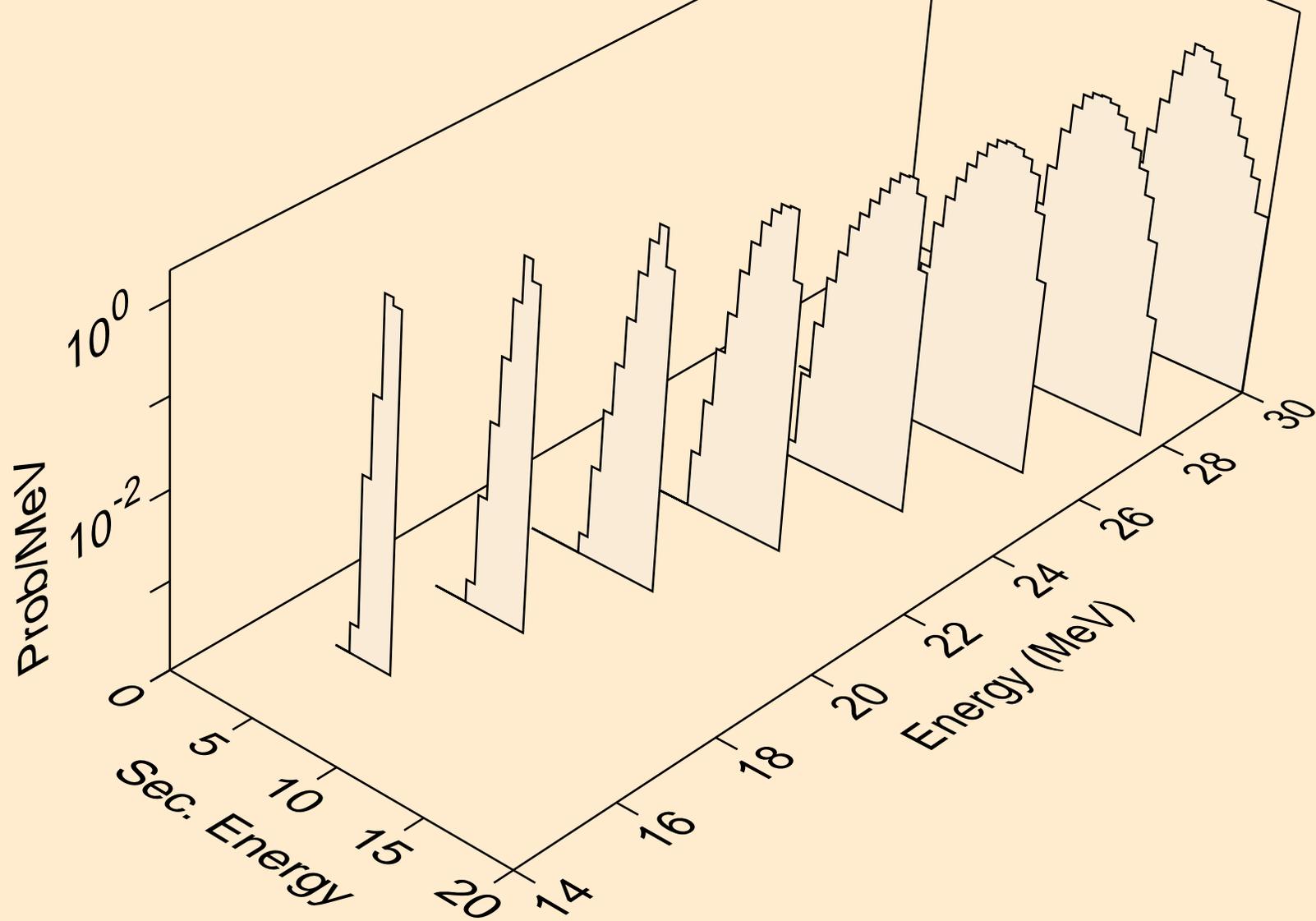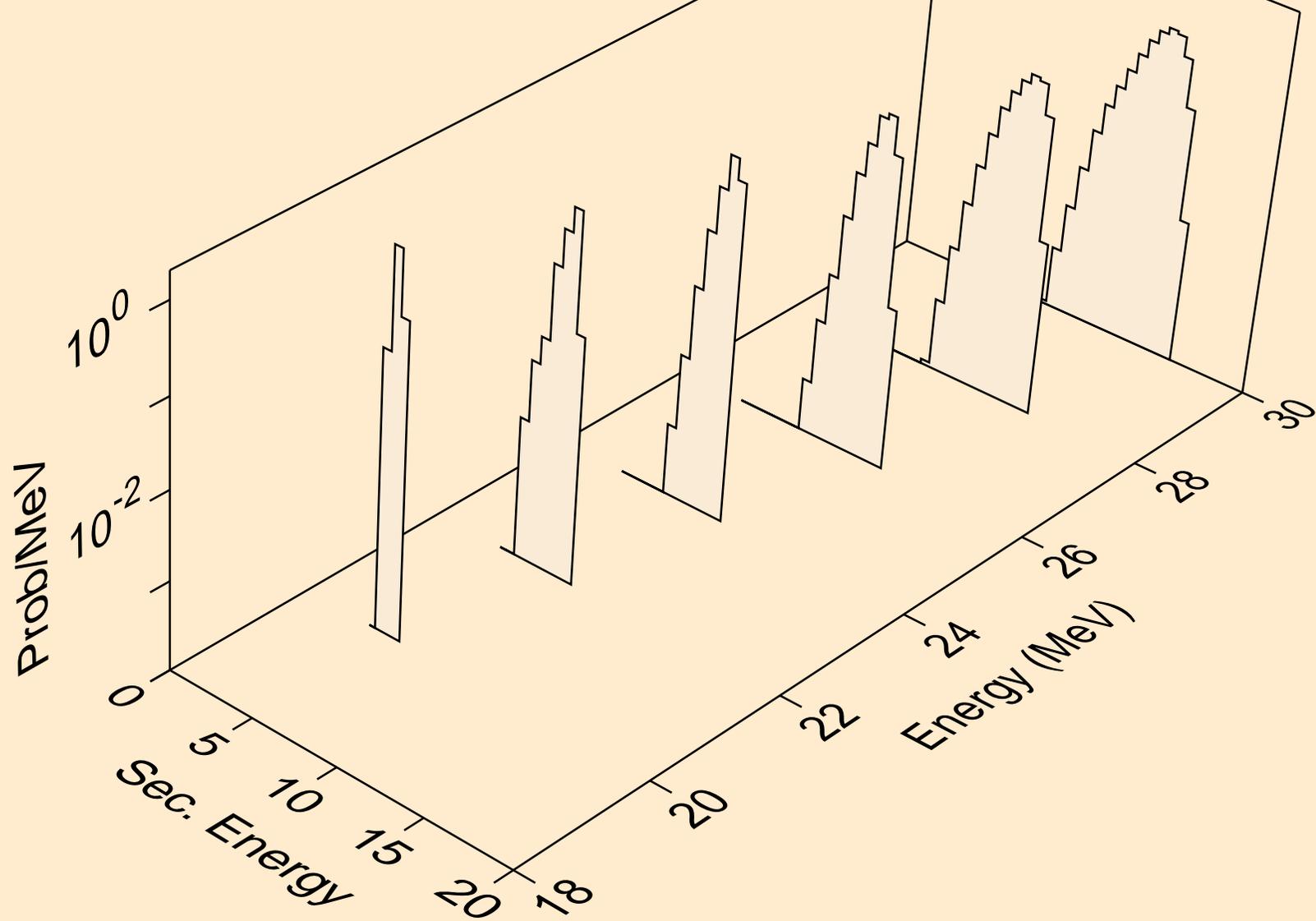
0

Sec. Energy

5

10

15

20

Energy (MeV)

14

16

18

20

22

24

26

28

30

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,2n)a

PM155 PHOTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (g,a)