

| New ANM 8.5 | 0.40 MeV/c | 50-100 | 100-150 | 150-200 | 200-250 | 250-300 | 300-350 | 350-400 | 400-450 | 450-500 | 500-550 | 550-600 | 600-650 | 650-700 | 700-750 | 750-800 | 800-850 | 850-900 | 900-950 | 950-1000 | 1000-1050 | 1050-1100 | 1100-1150 | 1150-1200 | 1200-1250 | 1250-1300 | 1300-1350 | 1350-1400 | 1400-1450 | 1450-1500 | 1500-1550 | 1550-1600 | 1600-1650 | 1650-1700 | 1700-1750 | 1750-1800 | 1800-1850 | 1850-1900 | 1900-1950 | 1950-2000 | | | | | |
|-------------|------------|--------|---------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|---------|---------|---------|
| 4.4-5 Deg | 0 | 0 | 0 | 0.0033321 | 0.144727 | 0.281108 | 0.421384 | 0.449038 | 0.693381 | 0.712507 | 0.798103 | 0.820184 | 0.846287 | 0.877007 | 0.902324 | 0.924540 | 0.950572 | 0.932201 | 0.917451 | 0.911802 | 0.914423 | 0.924326 | 0.933306 | 0.987121 | 0.941761 | 0.919053 | 0.913264 | 0.918423 | 0.911083 | 0.927812 | 0.939881 | 0.780270 | 0.774603 | 0.774310 | 0.781978 | 0.789741 | 0.817028 | 0.771523 | 0.778721 | 0.778241 | 0.782370 | 0.821239 | | | |
| 4.5-5 Deg | 0 | 0 | 0 | 0.0106627 | 0.185594 | 0.302321 | 0.4 | 0.541847 | 0.613452 | 0.732694 | 0.781924 | 0.812445 | 0.82684 | 0.844935 | 0.872001 | 0.912541 | 0.926028 | 0.936028 | 0.942004 | 0.941322 | 0.930233 | 0.901491 | 0.784623 | 0.711083 | 0.783712 | 0.79881 | 0.780270 | 0.774603 | 0.774310 | 0.781978 | 0.789741 | 0.817028 | 0.771523 | 0.778721 | 0.778241 | 0.782370 | 0.821239 | 0.821239 | 0.821239 | 0.821239 | 0.821239 | 0.821239 | | | |
| 4.6-5 Deg | 0 | 0 | 0 | 0.0770008 | 0.259079 | 0.427487 | 0.505812 | 0.486624 | 0.586978 | 0.680138 | 0.747174 | 0.782823 | 0.798174 | 0.798288 | 0.772058 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | 0.726496 | | | |
| 4.7-5 Deg | 0 | 0 | 0 | 0.0401538 | 0.149742 | 0.261487 | 0.335958 | 0.414128 | 0.535524 | 0.593821 | 0.703058 | 0.751798 | 0.747138 | 0.748589 | 0.75484 | 0.737148 | 0.722810 | 0.700111 | 0.714264 | 0.71014 | 0.695108 | 0.685486 | 0.679018 | 0.673718 | 0.6681 | 0.662653 | 0.656481 | 0.650501 | 0.64481 | 0.63944 | 0.63428 | 0.62934 | 0.62467 | 0.61930 | 0.61449 | 0.60987 | 0.60539 | 0.60103 | 0.59684 | 0.59277 | 0.58884 | 0.58504 | 0.58134 | | |
| 4.8-5 Deg | 0 | 0 | 0 | 0.0277778 | 0.107174 | 0.212945 | 0.310925 | 0.423721 | 0.49327 | 0.57321 | 0.658118 | 0.701815 | 0.698171 | 0.695979 | 0.69528 | 0.672454 | 0.63589 | 0.6088 | 0.647105 | 0.657014 | 0.65841 | 0.64137 | 0.62048 | 0.60481 | 0.59048 | 0.57848 | 0.56887 | 0.56143 | 0.55604 | 0.55184 | 0.54877 | 0.54687 | 0.54507 | 0.54327 | 0.54147 | 0.53967 | 0.53787 | 0.53607 | 0.53427 | 0.53247 | 0.53067 | 0.52887 | 0.52707 | | |
| 4.9-5 Deg | 0 | 0 | 0 | 0.0198644 | 0.100124 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | |
| 50-51 Deg | 0 | 0 | 0 | 0.00310009 | 0.104048 | 0.189109 | 0.28584 | 0.382579 | 0.501871 | 0.644524 | 0.811734 | 0.95488 | 0.961597 | 0.95828 | 0.94588 | 0.924540 | 0.895079 | 0.85848 | 0.81588 | 0.76848 | 0.71688 | 0.66088 | 0.60088 | 0.53688 | 0.46888 | 0.39688 | 0.32088 | 0.24088 | 0.15688 | 0.06888 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 | 0.00088 |
| 51-52 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 52-53 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 53-54 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 54-55 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 55-56 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 56-57 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 57-58 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 58-59 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 59-60 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 60-61 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 61-62 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 62-63 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 63-64 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 64-65 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741889 | 0.726496 | 0.703788 | 0.682439 | 0.663107 | 0.645848 | 0.630787 | 0.61788 | 0.60708 | 0.59808 | 0.59068 | 0.58468 | 0.57988 | 0.57608 | 0.57228 | 0.56848 | 0.56468 | 0.56088 | 0.55708 | 0.55328 | 0.54948 | 0.54568 | 0.54188 | 0.53808 | 0.53428 | 0.53048 | 0.52668 | 0.52288 | 0.51908 |
| 65-66 Deg | 0 | 0 | 0 | 0.000000 | 0.104048 | 0.204209 | 0.310587 | 0.407873 | 0.497873 | 0.580138 | 0.646331 | 0.692718 | 0.720589 | 0.738944 | 0.748589 | 0.749644 | 0.741 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |