| | Re | ε/D | $a=\log_{10}(Re)$ | $b=-\log_{10}(\varepsilon/D)$ | c=λ |
|---|---|---|---|---|---|
| 1 | 59566.21 | 7.5E-06 | 4.775 | 5.125 | 7.048546491 |
| 2 | 17278.26 | 3.65E-05 | 4.2375 | 4.4375 | 6.095943706 |
| 3 | 29006812 | 1.54E-06 | 7.4625 | 5.8125 | 11.6906618 |
| 4 | 9305.72 | 6.98E-07 | 3.96875 | 6.15625 | 5.636089102 |
| 5 | 4531584 | 3.4E-06 | 6.65625 | 5.46875 | 10.35391687 |
| 6 | 381285.2 | 8.06E-05 | 5.58125 | 4.09375 | 8.238237728 |
| 7 | 6829.281 | 0.00012 | 3.834375 | 3.921875 | 5.3918592 |
| 8 | 11465025 | 5.05E-06 | 7.059375 | 5.296875 | 10.85411787 |
| 9 | 3325638 | 2.46E-05 | 6.521875 | 4.609375 | 9.709479235 |
| 10 | 279817.6 | 1.04E-06 | 5.446875 | 5.984375 | 8.257433177 |
| 11 | 12680.17 | 0.000264 | 4.103125 | 3.578125 | 5.824234821 |
| 12 | 1791121 | 4.7E-07 | 6.253125 | 6.328125 | 9.723225924 |
| 13 | 150704.1 | 1.11E-05 | 5.178125 | 4.953125 | 7.757455749 |
| 14 | 43714.45 | 2.29E-06 | 4.640625 | 5.640625 | 6.813757649 |
| 15 | 5850.426 | 4.14E-06 | 3.7671875 | 5.382813 | 5.288013915 |
| 16 | 2848968 | 8.51E-07 | 6.4546875 | 6.070313 | 10.08083912 |
| 17 | 239710.7 | 2.02E-05 | 5.3796875 | 4.695313 | 8.089964832 |
| 18 | 10862.69 | 0.00514 | 4.0359375 | 2.289063 | 5.175112422 |
| 19 | 1534396 | 9.14E-06 | 6.1859375 | 5.039063 | 9.489755302 |
| 20 | 129103.3 | 3.85E-07 | 5.1109375 | 6.414063 | 7.654128277 |
| 21 | 62869137 | 1.88E-06 | 7.7984375 | 5.726563 | 12.01152708 |
| 22 | 7971.912 | 0.00346 | 3.9015625 | 2.460938 | 5.181326051 |
| 23 | 1126063 | 6.15E-06 | 6.0515625 | 5.210938 | 9.299806359 |
| 24 | 94746.35 | 0.000146 | 4.9765625 | 3.835938 | 7.269015486 |
| 25 | 14801.73 | 1.36E-05 | 4.1703125 | 4.867188 | 5.984138929 |
| 26 | 175918.9 | 0.000322 | 5.2453125 | 3.492188 | 7.428829501 |
| 27 | 24849205 | 5.73E-07 | 7.3953125 | 6.242188 | 11.74507487 |
| 28 | 606474.4 | 2.79E-06 | 5.7828125 | 5.554688 | 8.854290053 |
| 29 | 5414.941 | 2.23E-05 | 3.73359375 | 4.652344 | 5.22887033 |
| 30 | 9090625 | 9.39E-07 | 6.95859375 | 6.027344 | 10.96770776 |
| 31 | 221867.5 | 4.57E-06 | 5.34609375 | 5.339844 | 8.067662599 |
| 32 | 10054.11 | 0.001165 | 4.00234375 | 2.933594 | 5.540120034 |
| 33 | 1420181 | 2.07E-06 | 6.15234375 | 5.683594 | 9.519656911 |
| 34 | 119493.4 | 4.91E-05 | 5.07734375 | 4.308594 | 7.531556829 |
| 35 | 7378.511 | 0.018601 | 3.86796875 | 1.730469 | 4.372228416 |
| 36 | 1042242 | 3.31E-05 | 6.01796875 | 4.480469 | 9.026353778 |
| 37 | 87693.77 | 1.39E-06 | 4.94296875 | 5.855469 | 7.352200699 |
| 38 | 13699.94 | 3.08E-06 | 4.13671875 | 5.511719 | 5.927658589 |
| 39 | 6671427 | 6.32E-07 | 6.82421875 | 6.199219 | 10.75031395 |
| 40 | 561330.6 | 1.5E-05 | 5.74921875 | 4.824219 | 8.731189908 |
| 41 | 6320.934 | 0.000644 | 3.80078125 | 3.191406 | 5.286704948 |
| 42 | 892855.6 | 1.14E-06 | 5.95078125 | 5.941406 | 9.167363387 |

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|---|---|---|---|---|---|
| 43 | 75124.44 | 2.71E-05 | 4.87578125 | 4.566406 | 7.210261472 |
| 44 | 11736.3 | 5.99E-05 | 4.06953125 | 4.222656 | 5.801392488 |
| 45 | 19702950 | 2.53E-06 | 7.29453125 | 5.597656 | 11.34417122 |
| 46 | 5715198 | 1.23E-05 | 6.75703125 | 4.910156 | 10.21470378 |
| 47 | 480873.9 | 5.19E-07 | 5.68203125 | 6.285156 | 8.68453982 |
| 48 | 8613.036 | 7.7E-07 | 3.93515625 | 6.113281 | 5.577910691 |
| 49 | 4194269 | 3.75E-06 | 6.62265625 | 5.425781 | 10.28882245 |
| 50 | 352903.7 | 8.9E-05 | 5.54765625 | 4.050781 | 8.170699958 |
| 51 | 2258948 | 4.03E-05 | 6.35390625 | 4.394531 | 9.344114458 |
| 52 | 190066.8 | 1.7E-06 | 5.27890625 | 5.769531 | 7.953551427 |
| 53 | 55132.32 | 8.28E-06 | 4.74140625 | 5.082031 | 6.988597971 |
| 54 | 92556356 | 3.49E-07 | 7.96640625 | 6.457031 | 12.71475077 |
| 55 | 5209.51 | 3.32E-07 | 3.716796875 | 6.478516 | 5.201892449 |
| 56 | 8745746 | 7.88E-06 | 6.941796875 | 5.103516 | 10.5739898 |
| 57 | 17959.61 | 0.00091 | 4.254296875 | 3.041016 | 5.936687471 |
| 58 | 2536862 | 1.62E-06 | 6.404296875 | 5.791016 | 9.973857634 |
| 59 | 213450.4 | 3.84E-05 | 5.329296875 | 4.416016 | 7.96560716 |
| 60 | 1366303 | 8.47E-05 | 6.135546875 | 4.072266 | 8.816093961 |
| 61 | 114960 | 3.57E-06 | 5.060546875 | 5.447266 | 7.559676401 |
| 62 | 55981802 | 7.33E-07 | 7.748046875 | 6.134766 | 12.25274103 |
| 63 | 7098.586 | 0.000278 | 3.851171875 | 3.556641 | 5.404102147 |
| 64 | 1002702 | 4.94E-07 | 6.001171875 | 6.306641 | 9.26438141 |
| 65 | 84366.86 | 1.17E-05 | 4.926171875 | 4.931641 | 7.312343761 |
| 66 | 13180.2 | 0.000126 | 4.119921875 | 3.900391 | 5.876296209 |
| 67 | 22126966 | 5.3E-06 | 7.344921875 | 5.275391 | 11.13823414 |
| 68 | 6418328 | 2.58E-05 | 6.807421875 | 4.587891 | 9.928069585 |
| 69 | 540035 | 1.09E-06 | 5.732421875 | 5.962891 | 8.772956105 |
| 70 | 6081.131 | 0.008022 | 3.783984375 | 2.095703 | 4.766896509 |
| 71 | 858982.6 | 1.43E-05 | 5.933984375 | 4.845703 | 9.038103646 |
| 72 | 72274.38 | 6.02E-07 | 4.858984375 | 6.220703 | 7.203026868 |
| 73 | 35195276 | 2.93E-06 | 7.546484375 | 5.533203 | 11.582171 |
| 74 | 11291.05 | 6.46E-06 | 4.052734375 | 5.189453 | 5.780943706 |
| 75 | 5498375 | 1.33E-06 | 6.740234375 | 5.876953 | 10.57062505 |
| 76 | 462630.6 | 3.15E-05 | 5.665234375 | 4.501953 | 8.523215756 |
| 77 | 8286.276 | 9.6E-06 | 3.918359375 | 5.017578 | 5.54779068 |
| 78 | 98482.57 | 0.000228 | 4.993359375 | 3.642578 | 7.219700545 |
| 79 | 13911033 | 4.05E-07 | 7.143359375 | 6.392578 | 11.33336486 |
| 80 | 4035147 | 4.68E-05 | 6.605859375 | 4.330078 | 9.464417508 |
| 81 | 339515.3 | 1.97E-06 | 5.530859375 | 5.705078 | 8.405795672 |
| 82 | 15385.42 | 0.002447 | 4.187109375 | 2.611328 | 5.604989409 |
| 83 | 2173248 | 4.35E-06 | 6.337109375 | 5.361328 | 9.806061107 |
| 84 | 182856.1 | 0.000103 | 5.262109375 | 3.986328 | 7.744510964 |
| 85 | 53040.72 | 8.94E-07 | 4.724609375 | 6.048828 | 6.963570905 |

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|---|---|---|---|---|---|
| 86 | 5628.473 | 0.001492 | 3.750390625 | 2.826172 | 5.138891835 |
| 87 | 795043 | 2.65E-06 | 5.900390625 | 5.576172 | 9.065182802 |
| 88 | 66894.53 | 6.29E-05 | 4.825390625 | 4.201172 | 7.095664172 |
| 89 | 10450.59 | 2.85E-05 | 4.019140625 | 4.544922 | 5.719376859 |
| 90 | 17544485 | 1.2E-06 | 7.244140625 | 5.919922 | 11.41625896 |
| 91 | 428194 | 5.86E-06 | 5.631640625 | 5.232422 | 8.570938334 |
| 92 | 7669.475 | 1.79E-06 | 3.884765625 | 5.748047 | 5.490695722 |
| 93 | 3734785 | 3.67E-07 | 6.572265625 | 6.435547 | 10.30660836 |
| 94 | 314243 | 8.7E-06 | 5.497265625 | 5.060547 | 8.324306118 |
| 95 | 2011480 | 1.92E-05 | 6.303515625 | 4.716797 | 9.534728803 |
| 96 | 169244.9 | 8.09E-07 | 5.228515625 | 6.091797 | 7.864692621 |
| 97 | 49092.55 | 9.35E-05 | 4.691015625 | 4.029297 | 6.850717912 |
| 98 | 6570.193 | 5.16E-05 | 3.817578125 | 4.287109 | 5.369976164 |
| 99 | 11030066 | 2.18E-06 | 7.042578125 | 5.662109 | 11.0184596 |
| 100 | 3199471 | 1.06E-05 | 6.505078125 | 4.974609 | 9.943955727 |
| 101 | 269201.9 | 4.47E-07 | 5.430078125 | 6.349609 | 8.22877188 |
| 102 | 12199.11 | 0.000555 | 4.086328125 | 3.255859 | 5.750284859 |
| 103 | 1723170 | 9.87E-07 | 6.236328125 | 6.005859 | 9.684857769 |
| 104 | 144986.7 | 2.34E-05 | 5.161328125 | 4.630859 | 7.709094029 |
| 105 | 1264600 | 7.67E-05 | 6.101953125 | 4.115234 | 8.834440532 |
| 106 | 106402.8 | 3.23E-06 | 5.026953125 | 5.490234 | 7.500139407 |
| 107 | 51814716 | 6.64E-07 | 7.714453125 | 6.177734 | 12.22509637 |
| 108 | 16622.76 | 1.47E-06 | 4.220703125 | 5.833984 | 6.074642367 |
| 109 | 8094744 | 7.14E-06 | 6.908203125 | 5.146484 | 10.5670698 |
| 110 | 681087.8 | 0.000169 | 5.833203125 | 3.771484 | 8.237248459 |
| 111 | 5109.736 | 0.000173 | 3.708398438 | 3.760742 | 5.173930187 |
| 112 | 707945.8 | 0.000178 | 5.85 | 3.75 | 8.224524606 |
| 113 | 59566.21 | 7.5E-06 | 4.775 | 5.125 | 7.048546491 |
| 114 | 8413951 | 0.004217 | 6.925 | 2.375 | 5.885066524 |
| 115 | 17278.26 | 3.65E-05 | 4.2375 | 4.4375 | 6.095943706 |
| 116 | 2440619 | 0.020535 | 6.3875 | 1.6875 | 4.51067776 |
| 117 | 205352.5 | 0.000866 | 5.3125 | 3.0625 | 6.991070609 |
| 118 | 29006812 | 1.54E-06 | 7.4625 | 5.8125 | 11.6906618 |
| 119 | 9305.72 | 6.98E-07 | 3.96875 | 6.15625 | 5.636089102 |
| 120 | 1314468 | 0.000392 | 6.11875 | 3.40625 | 7.834293555 |
| 121 | 110598.7 | 0.009306 | 5.04375 | 2.03125 | 5.159378754 |
| 122 | 15622481 | 1.65E-05 | 7.19375 | 4.78125 | 10.42266709 |
| 123 | 32081.16 | 0.001911 | 4.50625 | 2.71875 | 6.011532449 |
| 124 | 4531584 | 3.4E-06 | 6.65625 | 5.46875 | 10.35391687 |
| 125 | 381285.2 | 8.06E-05 | 5.58125 | 4.09375 | 8.238237728 |
| 126 | 53857972 | 0.045316 | 7.73125 | 1.34375 | 3.82389081 |
| 127 | 6829.281 | 0.00012 | 3.834375 | 3.921875 | 5.3918592 |
| 128 | 964661.6 | 0.067317 | 5.984375 | 1.171875 | 3.479721306 |

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|---|---|---|---|---|---|
| 129 | 81166.16 | 0.002839 | 4.909375 | 2.546875 | 6.040871245 |
| 130 | 11465025 | 5.05E-06 | 7.059375 | 5.296875 | 10.85411787 |
| 131 | 23543.72 | 0.013824 | 4.371875 | 1.859375 | 4.744860386 |
| 132 | 3325638 | 2.46E-05 | 6.521875 | 4.609375 | 9.709479235 |
| 133 | 279817.6 | 1.04E-06 | 5.446875 | 5.984375 | 8.257433177 |
| 134 | 39525284 | 0.000583 | 7.596875 | 3.234375 | 7.602495898 |
| 135 | 12680.17 | 0.000264 | 4.103125 | 3.578125 | 5.824234821 |
| 136 | 1791121 | 4.7E-07 | 6.253125 | 6.328125 | 9.723225924 |
| 137 | 150704.1 | 1.11E-05 | 5.178125 | 4.953125 | 7.757455749 |
| 138 | 21287517 | 0.006264 | 7.328125 | 2.203125 | 5.542318253 |
| 139 | 43714.45 | 2.29E-06 | 4.640625 | 5.640625 | 6.813757649 |
| 140 | 6174830 | 0.001286 | 6.790625 | 2.890625 | 6.91066371 |
| 141 | 519547.2 | 0.030505 | 5.715625 | 1.515625 | 4.16553591 |
| 142 | 73387991 | 5.42E-05 | 7.865625 | 4.265625 | 9.648320448 |
| 143 | 5850.426 | 4.14E-06 | 3.7671875 | 5.382813 | 5.288013915 |
| 144 | 826394.7 | 0.002329 | 5.9171875 | 2.632813 | 6.375710784 |
| 145 | 69532.44 | 0.055232 | 4.8421875 | 1.257813 | 3.644407046 |
| 146 | 9821719 | 9.82E-05 | 6.9921875 | 4.007813 | 9.079243573 |
| 147 | 20169.15 | 0.000478 | 4.3046875 | 3.320313 | 6.102484329 |
| 148 | 2848968 | 8.51E-07 | 6.4546875 | 6.070313 | 10.08083912 |
| 149 | 239710.7 | 2.02E-05 | 5.3796875 | 4.695313 | 8.089964832 |
| 150 | 33860043 | 0.011342 | 7.5296875 | 1.945313 | 5.026922866 |
| 151 | 10862.69 | 0.00514 | 4.0359375 | 2.289063 | 5.175112422 |
| 152 | 1534396 | 9.14E-06 | 6.1859375 | 5.039063 | 9.489755302 |
| 153 | 129103.3 | 3.85E-07 | 5.1109375 | 6.414063 | 7.654128277 |
| 154 | 18236332 | 0.000217 | 7.2609375 | 3.664063 | 8.447457174 |
| 155 | 37448.77 | 4.45E-05 | 4.5734375 | 4.351563 | 6.675514234 |
| 156 | 5289779 | 0.025029 | 6.7234375 | 1.601563 | 4.339264107 |
| 157 | 445079.4 | 0.001055 | 5.6484375 | 2.976563 | 6.977290442 |
| 158 | 62869137 | 1.88E-06 | 7.7984375 | 5.726563 | 12.01152708 |
| 159 | 7971.912 | 0.00346 | 3.9015625 | 2.460938 | 5.181326051 |
| 160 | 1126063 | 6.15E-06 | 6.0515625 | 5.210938 | 9.299806359 |
| 161 | 94746.35 | 0.000146 | 4.9765625 | 3.835938 | 7.269015486 |
| 162 | 13383278 | 0.082047 | 7.1265625 | 1.085938 | 3.308254145 |
| 163 | 27482.9 | 1.26E-06 | 4.4390625 | 5.898438 | 6.45806941 |
| 164 | 3882062 | 0.00071 | 6.5890625 | 3.148438 | 7.411867851 |
| 165 | 326634.8 | 0.016849 | 5.5140625 | 1.773438 | 4.676450769 |
| 166 | 46138397 | 3E-05 | 7.6640625 | 4.523438 | 10.12611247 |
| 167 | 14801.73 | 1.36E-05 | 4.1703125 | 4.867188 | 5.984138929 |
| 168 | 2090800 | 0.007635 | 6.3203125 | 2.117188 | 5.368070093 |
| 169 | 175918.9 | 0.000322 | 5.2453125 | 3.492188 | 7.428829501 |
| 170 | 24849205 | 5.73E-07 | 7.3953125 | 6.242188 | 11.74507487 |
| 171 | 51028.46 | 0.03718 | 4.7078125 | 1.429688 | 3.979023397 |

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|---|---|---|---|---|---|
| 172 | 7207962 | 6.61E-05 | 6.8578125 | 4.179688 | 9.350386782 |
| 173 | 606474.4 | 2.79E-06 | 5.7828125 | 5.554688 | 8.854290053 |
| 174 | 85666791 | 0.001568 | 7.9328125 | 2.804688 | 6.745373435 |
| 175 | 5414.941 | 2.23E-05 | 3.73359375 | 4.652344 | 5.22887033 |
| 176 | 764880.8 | 0.012521 | 5.88359375 | 1.902344 | 4.936942742 |
| 177 | 64356.7 | 0.000528 | 4.80859375 | 3.277344 | 6.780474286 |
| 178 | 9090625 | 9.39E-07 | 6.95859375 | 6.027344 | 10.96770776 |
| 179 | 18667.83 | 0.060976 | 4.27109375 | 1.214844 | 3.541350427 |
| 180 | 2636901 | 0.000108 | 6.42109375 | 3.964844 | 8.84669967 |
| 181 | 221867.5 | 4.57E-06 | 5.34609375 | 5.339844 | 8.067662599 |
| 182 | 31339622 | 0.002571 | 7.49609375 | 2.589844 | 6.315458992 |
| 183 | 10054.11 | 0.001165 | 4.00234375 | 2.933594 | 5.540120034 |
| 184 | 1420181 | 2.07E-06 | 6.15234375 | 5.683594 | 9.519656911 |
| 185 | 119493.4 | 4.91E-05 | 5.07734375 | 4.308594 | 7.531556829 |
| 186 | 16878885 | 0.027632 | 7.22734375 | 1.558594 | 4.253517383 |
| 187 | 34661.21 | 4.26E-07 | 4.53984375 | 6.371094 | 6.636282495 |
| 188 | 4896026 | 0.000239 | 6.68984375 | 3.621094 | 8.323093097 |
| 189 | 411949.3 | 0.005674 | 5.61484375 | 2.246094 | 5.609445544 |
| 190 | 58189383 | 1.01E-05 | 7.76484375 | 4.996094 | 10.98938817 |
| 191 | 7378.511 | 0.018601 | 3.86796875 | 1.730469 | 4.372228416 |
| 192 | 1042242 | 3.31E-05 | 6.01796875 | 4.480469 | 9.026353778 |
| 193 | 87693.77 | 1.39E-06 | 4.94296875 | 5.855469 | 7.352200699 |
| 194 | 12387075 | 0.000784 | 7.09296875 | 3.105469 | 7.341267413 |
| 195 | 25437.17 | 0.000161 | 4.40546875 | 3.792969 | 6.347959461 |
| 196 | 3593095 | 0.09058 | 6.55546875 | 1.042969 | 3.222261088 |
| 197 | 302321.3 | 0.00382 | 5.48046875 | 2.417969 | 5.931862675 |
| 198 | 42704019 | 6.79E-06 | 7.63046875 | 5.167969 | 11.20604292 |
| 199 | 13699.94 | 3.08E-06 | 4.13671875 | 5.511719 | 5.927658589 |
| 200 | 1935168 | 0.001731 | 6.28671875 | 2.761719 | 6.643986582 |