Symbolic Regression Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Folder Name | Original Expression | | Substituted Expression | | Simplified Expression |
| UMF\_0\_0\_0.000000 | (c2+(epsilon\_mf\*(((c1\*(epsilon\_mf\*Ar)))\*\*(0.5)))) | 0.732166282239002 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 67.1664562155957 | | 0.7322 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 67.17 | |
| UMF\_0\_0\_0.001000 | (c2+(epsilon\_mf\*(((c1\*(epsilon\_mf\*Ar)))\*\*(0.5)))) | | 0.732166282239002 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 67.1664562155957 | | 0.7322 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 67.17 |
| UMF\_0\_0\_0.010000 | ((((c2+(((epsilon\_mf\*(epsilon\_mf\*epsilon\_mf))\*Ar)\*c1)))\*\*(0.5))\*(c1\*c1)) | | 108.969123693791 \left(4.98415644944039 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1\right)^{0.5} | | 109.0 \left(4.984 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1.0\right)^{0.5} |
| UMF\_0\_0\_0.100000 | (c2+(epsilon\_mf\*(((c1\*(epsilon\_mf\*Ar)))\*\*(0.5)))) | | 0.732166282239002 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 67.1664562155957 | | 0.7322 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 67.17 |
| UMF\_0\_1\_0.000000 | (c2\*((((epsilon\_mf\*(((((Ar\*epsilon\_mf))\*\*(0.5))+c2)-c1))+epsilon\_mf)\*c2)+c1)) | | 0.749237864971058 \epsilon\_{mf} \left(\left(Ar \epsilon\_{mf}\right)^{0.5} - 115.754199221925\right) + 0.749237864971058 \epsilon\_{mf} + 100.944368008509 | | 0.7492 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} - 86.01 \epsilon\_{mf} + 100.9 |
| UMF\_0\_1\_0.001000 | (c2\*((((epsilon\_mf\*(((((Ar\*epsilon\_mf))\*\*(0.5))+c2)-c1))+epsilon\_mf)\*c2)+c1)) | | 0.749237864971058 \epsilon\_{mf} \left(\left(Ar \epsilon\_{mf}\right)^{0.5} - 115.754199221925\right) + 0.749237864971058 \epsilon\_{mf} + 100.944368008509 | | 0.7492 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} - 86.01 \epsilon\_{mf} + 100.9 |
| UMF\_0\_1\_0.010000 | (c1+(c2\*(epsilon\_mf\*(((epsilon\_mf\*Ar))\*\*(0.5))))) | | 0.730011224895385 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 65.4647588000259 | | 0.73 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} + 65.46 |
| UMF\_0\_1\_0.100000 | (c2\*((((epsilon\_mf\*(((((Ar\*epsilon\_mf))\*\*(0.5))+c2)-c1))+epsilon\_mf)\*c2)+c1)) | | 0.749237864971058 \epsilon\_{mf} \left(\left(Ar \epsilon\_{mf}\right)^{0.5} - 115.754199221925\right) + 0.749237864971058 \epsilon\_{mf} + 100.944368008509 | | 0.7492 \epsilon\_{mf} \left(Ar \epsilon\_{mf}\right)^{0.5} - 86.01 \epsilon\_{mf} + 100.9 |
| UMF\_0\_2\_0.000000 | (((((((epsilon\_mf)\*\*(2))\*(epsilon\_mf\*Ar))+c1))\*\*(0.5))\*((c2)\*\*(-1))) | | 109.444931626964 \left(4.92223578491603 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1\right)^{0.5} | | 109.4 \left(4.922 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1.0\right)^{0.5} |
| UMF\_0\_2\_0.001000 | (((((((epsilon\_mf)\*\*(2))\*(epsilon\_mf\*Ar))+c1))\*\*(0.5))\*((c2)\*\*(-1))) | | 109.444931626964 \left(4.92223578491603 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1\right)^{0.5} | | 109.4 \left(4.922 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1.0\right)^{0.5} |
| UMF\_0\_2\_0.010000 | (((c1+(((((c2\*epsilon\_mf)\*(epsilon\_mf+c2))\*epsilon\_mf)\*Ar)\*c2)))\*\*(0.5)) | | 94.5369692629431 \left(3.76569740787626 \cdot 10^{-5} Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf} + 0.580128744928729\right) + 1\right)^{0.5} | | 94.54 \left(3.766 \cdot 10^{-5} Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf} + 0.5801\right) + 1.0\right)^{0.5} |
| UMF\_0\_2\_0.100000 | (((((((epsilon\_mf)\*\*(2))\*(epsilon\_mf\*Ar))+c1))\*\*(0.5))\*((c2)\*\*(-1))) | | 109.444931626964 \left(4.92223578491603 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1\right)^{0.5} | | 109.4 \left(4.922 \cdot 10^{-5} Ar \epsilon\_{mf}^{3} + 1.0\right)^{0.5} |
| UMF\_0\_3\_0.000000 | (((c1-(c2\*((((epsilon\_mf\*(Ar+c2)))\*\*(0.5))\*epsilon\_mf)))+c1)-c1) | | 0.729045663839688 \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar - 0.729045663839688\right)\right)^{0.5} + 67.0297155364485 | | 0.729 \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar - 0.729\right)\right)^{0.5} + 67.03 |
| UMF\_0\_3\_0.001000 | (((c1-(c2\*((((epsilon\_mf\*(Ar+c2)))\*\*(0.5))\*epsilon\_mf)))+c1)-c1) | | 0.729045663839688 \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar - 0.729045663839688\right)\right)^{0.5} + 67.0297155364485 | | 0.729 \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar - 0.729\right)\right)^{0.5} + 67.03 |
| UMF\_0\_3\_0.010000 | (c1\*(((((((((c1+epsilon\_mf)\*epsilon\_mf)\*epsilon\_mf)\*Ar)+c2)+epsilon\_mf)+c2))\*\*(0.5))) | | 92.8034772457266 \left(3.90659161922088 \cdot 10^{-5} Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf} + 0.580047094992567\right) + 3.90659161922088 \cdot 10^{-5} \epsilon\_{mf} + 1\right)^{0.5} | | 92.8 \left(3.907 \cdot 10^{-5} Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf} + 0.58\right) + 3.907 \cdot 10^{-5} \epsilon\_{mf} + 1.0\right)^{0.5} |
| UMF\_0\_3\_0.100000 | (((c1-(c2\*((((epsilon\_mf\*(Ar+c2)))\*\*(0.5))\*epsilon\_mf)))+c1)-c1) | | 0.729045663839688 \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar - 0.729045663839688\right)\right)^{0.5} + 67.0297155364485 | | 0.729 \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar - 0.729\right)\right)^{0.5} + 67.03 |
| UMF\_0\_4\_0.000000 | (c1-(((((epsilon\_mf)\*\*(0.5))\*epsilon\_mf)\*((Ar)\*\*(0.5)))\*c2)) | | 0.731984888412332 Ar^{0.5} \epsilon\_{mf}^{1.5} + 64.2429364540878 | | 0.732 Ar^{0.5} \epsilon\_{mf}^{1.5} + 64.24 |
| UMF\_0\_4\_0.001000 | (c1-(((((epsilon\_mf)\*\*(0.5))\*epsilon\_mf)\*((Ar)\*\*(0.5)))\*c2)) | | 0.731984888412332 Ar^{0.5} \epsilon\_{mf}^{1.5} + 64.2429364540878 | | 0.732 Ar^{0.5} \epsilon\_{mf}^{1.5} + 64.24 |
| UMF\_0\_4\_0.010000 | (((((Ar)\*\*(0.5))\*((c1+((c1\*c1)+epsilon\_mf))\*c1))\*epsilon\_mf)+c2) | | 0.449246712155377 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf} + 0.651069320537793\right) + 60.4449462816376 | | 0.4492 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf} + 0.6511\right) + 60.44 |
| UMF\_0\_4\_0.100000 | (c1-(((((epsilon\_mf)\*\*(0.5))\*epsilon\_mf)\*((Ar)\*\*(0.5)))\*c2)) | | 0.731984888412332 Ar^{0.5} \epsilon\_{mf}^{1.5} + 64.2429364540878 | | 0.732 Ar^{0.5} \epsilon\_{mf}^{1.5} + 64.24 |
| UMF\_101\_0\_0.000000 | ((rho\_p\*((rho)\*\*(-1)))\*((rho\_p\*c2)\*(d\_p\*(g\*(d\_p\*((mu)\*\*(-1))))))) | | \frac{8.44031591981441 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.44 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_0\_0.001000 | (c2\*(rho\_p\*((g\*rho\_p)\*(d\_p\*(c1/(rho/(c2\*(d\_p/mu)))))))) | | \frac{2.571803441653 \cdot 10^{-10} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.572 \cdot 10^{-10} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_0\_0.010000 | (c2\*(rho\_p\*((g\*rho\_p)\*(d\_p\*(c1/(rho/(c2\*(d\_p/mu)))))))) | | \frac{2.571803441653 \cdot 10^{-10} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.572 \cdot 10^{-10} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_0\_0.100000 | ((rho\_p\*((rho)\*\*(-1)))\*((rho\_p\*c2)\*(d\_p\*(g\*(d\_p\*((mu)\*\*(-1))))))) | | \frac{8.44031591981441 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.44 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_1\_0.000000 | ((rho\_p\*rho\_p)\*(d\_p\*((d\_p/rho)\*(g\*(c2\*((mu)\*\*(-1))))))) | | \frac{9.46272597353216 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{9.463 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_1\_0.001000 | ((rho\_p\*(rho\_p/c2))\*((c1/(mu\*c2))\*(d\_p\*(g/(rho/d\_p))))) | | \frac{2.38380842954534 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.384 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_1\_0.010000 | ((rho\_p\*rho\_p)\*(d\_p\*((d\_p/rho)\*(g\*(c2\*((mu)\*\*(-1))))))) | | \frac{9.46272597353216 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{9.463 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_1\_0.100000 | ((rho\_p\*(rho\_p/c2))\*((c1/(mu\*c2))\*(d\_p\*(g/(rho/d\_p))))) | | \frac{2.38380842954534 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.384 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_2\_0.000000 | (rho\_p\*((rho\_p/c1)\*(g/(c1/(c1/(rho/(d\_p/(mu/d\_p)))))))) | | \frac{2.3987663045266 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.399 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_2\_0.001000 | (rho\_p\*(rho\_p\*(d\_p\*((g/c2)/(rho\*(c1/(d\_p\*((mu)\*\*(-1))))))))) | | \frac{8.53438085673881 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.534 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_2\_0.010000 | (rho\_p\*(rho\_p\*(d\_p\*((g/c2)/(rho\*(c1/(d\_p\*((mu)\*\*(-1))))))))) | | \frac{8.53438085673881 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.534 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_2\_0.100000 | (rho\_p\*(rho\_p\*(d\_p\*((g/c2)/(rho\*(c1/(d\_p\*((mu)\*\*(-1))))))))) | | \frac{8.53438085673881 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.534 \cdot 10^{-8} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_3\_0.000000 | (rho\_p\*(g\*(((rho/(((((c1/d\_p))\*\*(-1))\*d\_p)\*(rho/mu))))\*\*(-1)))) | | \frac{0.000554292523152417 d\_{p}^{2} g \rho\_{p}}{\mu} | | \frac{0.0005543 d\_{p}^{2} g \rho\_{p}}{\mu} |
| UMF\_101\_3\_0.001000 | (rho\_p\*(g\*(((rho/(((((c1/d\_p))\*\*(-1))\*d\_p)\*(rho/mu))))\*\*(-1)))) | | \frac{0.000554292523152417 d\_{p}^{2} g \rho\_{p}}{\mu} | | \frac{0.0005543 d\_{p}^{2} g \rho\_{p}}{\mu} |
| UMF\_101\_3\_0.010000 | (rho\_p\*(rho\_p\*(d\_p\*(((c2\*(rho\*(((d\_p\*(g/mu)))\*\*(-1)))))\*\*(-1))))) | | \frac{8.6602354103657 \cdot 10^{-7} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.66 \cdot 10^{-7} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_3\_0.100000 | (rho\_p\*(rho\_p\*(d\_p\*(((c2\*(rho\*(((d\_p\*(g/mu)))\*\*(-1)))))\*\*(-1))))) | | \frac{8.6602354103657 \cdot 10^{-7} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{8.66 \cdot 10^{-7} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_4\_0.000000 | -(((c1\*rho\_p)\*(rho\_p\*(g/(rho/(d\_p/(rho/(rho/(mu/d\_p))))))))) | | \frac{2.43072951062721 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.431 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_4\_0.001000 | (rho\_p\*(rho\_p\*(c1\*(d\_p\*(g\*(d\_p\*(rho\_p\*(((rho\*(rho\_p\*mu)))\*\*(-1))))))))) | | \frac{2.43161771277319 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.432 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_4\_0.010000 | -(((c1\*rho\_p)\*(rho\_p\*(g/(rho/(d\_p/(rho/(rho/(mu/d\_p))))))))) | | \frac{2.43072951062721 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.431 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_101\_4\_0.100000 | (rho\_p\*(rho\_p\*(c1\*(d\_p\*(g\*(d\_p\*(rho\_p\*(((rho\*(rho\_p\*mu)))\*\*(-1))))))))) | | \frac{2.43161771277319 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} | | \frac{2.432 \cdot 10^{-6} d\_{p}^{2} g \rho\_{p}^{2}}{\mu \rho} |
| UMF\_1\_0\_0.000000 | (c1+((((Ar/c2)+(c1\*c1)))\*\*(0.5))) | | 33.6999999667289 \left(3.59252965878914 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999667289 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_0\_0.001000 | (c1+((((Ar/c2)+(c1\*c1)))\*\*(0.5))) | | 33.6999999667289 \left(3.59252965878914 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999667289 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_0\_0.010000 | (c1+((((Ar/c2)+(c1\*c1)))\*\*(0.5))) | | 33.6999999667289 \left(3.59252965878914 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999667289 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_0\_0.100000 | (c1\*(((((Ar\*c1)+(((c2\*c2)/c1)\*c1)))\*\*(0.5))+c2)) | | 33.700010800238 \left(3.59252758654683 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.700010800238 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_1\_0.000000 | (c1+((((c1\*c1)+(Ar\*c2)))\*\*(0.5))) | | 33.6999979143205 \left(3.59253006087632 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999979143205 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_1\_0.001000 | (c1+((((c1\*c1)+(Ar\*c2)))\*\*(0.5))) | | 33.6999979143205 \left(3.59253006087632 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999979143205 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_1\_0.010000 | ((Ar+Ar)/(((c1\*((((c2\*c2)+Ar))\*\*(0.5)))/c2)+c1)) | | \frac{2 Ar}{1651.9600517172 \left(3.59253326021915 \cdot 10^{-5} Ar + 1\right)^{0.5} + 1651.9600517172} | | \frac{0.00121065375302663 Ar}{\left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} + 1} |
| UMF\_1\_1\_0.100000 | (c2\*(c1+(((Ar+(c1\*c1)))\*\*(0.5)))) | | 33.6999960179648 \left(3.59253043904048 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999960179648 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_2\_0.000000 | (((((c2+(Ar/(c2\*c1)))\*c2))\*\*(0.5))+c2) | | 33.6999999137821 \left(3.59252966779626 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999137821 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_2\_0.001000 | (((((c2+(Ar/(c2\*c1)))\*c2))\*\*(0.5))+c2) | | 33.6999999137821 \left(3.59252966779626 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999137821 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_2\_0.010000 | (((((c2+(Ar/(c2\*c1)))\*c2))\*\*(0.5))+c2) | | 33.6999999137821 \left(3.59252966779626 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999137821 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_2\_0.100000 | (((((c2+(Ar/(c2\*c1)))\*c2))\*\*(0.5))+c2) | | 33.6999999137821 \left(3.59252966779626 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999137821 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_3\_0.000000 | (c2+((((Ar/c1)+(c2\*c2)))\*\*(0.5))) | | 33.6999999433026 \left(3.59252966486244 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999433026 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_3\_0.001000 | (c2+((((Ar/c1)+(c2\*c2)))\*\*(0.5))) | | 33.6999999433026 \left(3.59252966486244 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999433026 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_3\_0.010000 | (c2+((((Ar/c1)+(c2\*c2)))\*\*(0.5))) | | 33.6999999433026 \left(3.59252966486244 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999433026 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_3\_0.100000 | (c2+((((Ar/c1)+(c2\*c2)))\*\*(0.5))) | | 33.6999999433026 \left(3.59252966486243 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.6999999433026 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_4\_0.000000 | (c2+((((c2\*c2)+(Ar\*c1)))\*\*(0.5))) | | 33.699998787762 \left(3.59252988803485 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.699998787762 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_4\_0.001000 | (c2+((((c2\*c2)+(Ar\*c1)))\*\*(0.5))) | | 33.699998787762 \left(3.59252988803485 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.699998787762 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_4\_0.010000 | (c2+((((c2\*c2)+(Ar\*c1)))\*\*(0.5))) | | 33.699998787762 \left(3.59252988803484 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.699998787762 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_1\_4\_0.100000 | (c1+((((Ar\*c2)+(c1\*c1)))\*\*(0.5))) | | 33.699998787762 \left(3.59252988803484 \cdot 10^{-5} Ar + 1\right)^{0.5} - 33.699998787762 | | 33.7 \left(3.593 \cdot 10^{-5} Ar + 1.0\right)^{0.5} - 33.7 |
| UMF\_36\_0\_0.000000 | ((((Ar)\*\*(0.5))\*(((((c2)\*\*(0.5))+epsilon\_mf))\*\*(-1)))-c2) | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.55133158679221} - 20.7146192129325 | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.551} - 20.71 |
| UMF\_36\_0\_0.001000 | ((((Ar)\*\*(0.5))\*(((((c2)\*\*(0.5))+epsilon\_mf))\*\*(-1)))-c2) | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.55133158679221} - 20.7146192129325 | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.551} - 20.71 |
| UMF\_36\_0\_0.010000 | ((((Ar)\*\*(0.5))\*(((((c2)\*\*(0.5))+epsilon\_mf))\*\*(-1)))-c2) | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.55133158679221} - 20.7146192129325 | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.551} - 20.71 |
| UMF\_36\_0\_0.100000 | ((((Ar)\*\*(0.5))\*(((((c2)\*\*(0.5))+epsilon\_mf))\*\*(-1)))-c2) | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.55133158679221} - 20.7146192129325 | | \frac{Ar^{0.5}}{\epsilon\_{mf} + 4.551} - 20.71 |
| UMF\_36\_1\_0.000000 | (((Ar/(((Ar)\*\*(0.5))+c2))+((c1/(c2/Ar))/Ar))/c1) | | \frac{0.202089742897566 Ar}{Ar^{0.5} + 155.537577926719} + 0.00642931446747325 | | \frac{0.2021 Ar}{Ar^{0.5} + 155.5} + 0.006429 |
| UMF\_36\_1\_0.001000 | (((Ar/(((Ar)\*\*(0.5))+c2))+((c1/(c2/Ar))/Ar))/c1) | | \frac{0.202089742897566 Ar}{Ar^{0.5} + 155.537577926719} + 0.00642931446747325 | | \frac{0.2021 Ar}{Ar^{0.5} + 155.5} + 0.006429 |
| UMF\_36\_1\_0.010000 | (c1\*(((epsilon\_mf)\*\*(0.5))+(((Ar)\*\*(0.5))/c2))) | | 0.199191397162877 Ar^{0.5} - 32.5290340379874 \epsilon\_{mf}^{0.5} | | 0.1992 Ar^{0.5} - 32.53 \epsilon\_{mf}^{0.5} |
| UMF\_36\_1\_0.100000 | (((Ar/(((Ar)\*\*(0.5))+c2))+((c1/(c2/Ar))/Ar))/c1) | | \frac{0.202089742897566 Ar}{Ar^{0.5} + 155.537577926719} + 0.00642931446747325 | | \frac{0.2021 Ar}{Ar^{0.5} + 155.5} + 0.006429 |
| UMF\_36\_2\_0.000000 | ((((Ar/(c2+(((Ar)\*\*(0.5))\*c1)))+c1)\*(c2/c2))/c1) | | \frac{0.448284987025582 Ar}{2.23072382288576 Ar^{0.5} + 332.037940061227} + 1.0 | | \frac{0.4483 Ar}{2.231 Ar^{0.5} + 332.0} + 1.0 |
| UMF\_36\_2\_0.001000 | ((((Ar/(c2+(((Ar)\*\*(0.5))\*c1)))+c1)\*(c2/c2))/c1) | | \frac{0.448284987025582 Ar}{2.23072382288576 Ar^{0.5} + 332.037940061227} + 1.0 | | \frac{0.4483 Ar}{2.231 Ar^{0.5} + 332.0} + 1.0 |
| UMF\_36\_2\_0.010000 | ((((Ar/(c2+(((Ar)\*\*(0.5))\*c1)))+c1)\*(c2/c2))/c1) | | \frac{0.448284987025582 Ar}{2.23072382288576 Ar^{0.5} + 332.037940061227} + 1.0 | | \frac{0.4483 Ar}{2.231 Ar^{0.5} + 332.0} + 1.0 |
| UMF\_36\_2\_0.100000 | ((((Ar/(c2+(((Ar)\*\*(0.5))\*c1)))+c1)\*(c2/c2))/c1) | | \frac{0.448284987025582 Ar}{2.23072382288576 Ar^{0.5} + 332.037940061227} + 1.0 | | \frac{0.4483 Ar}{2.231 Ar^{0.5} + 332.0} + 1.0 |
| UMF\_36\_3\_0.000000 | ((epsilon\_mf\*((c1)\*\*(-1)))-(((((c2\*Ar)+Ar))\*\*(0.5))\*c1)) | | 0.197693255856767 Ar^{0.5} - 34.7354722619492 \epsilon\_{mf} | | 0.1977 Ar^{0.5} - 34.74 \epsilon\_{mf} |
| UMF\_36\_3\_0.001000 | ((epsilon\_mf\*((c1)\*\*(-1)))-(((((c2\*Ar)+Ar))\*\*(0.5))\*c1)) | | 0.197693255856767 Ar^{0.5} - 34.7354722619492 \epsilon\_{mf} | | 0.1977 Ar^{0.5} - 34.74 \epsilon\_{mf} |
| UMF\_36\_3\_0.010000 | ((epsilon\_mf\*((c1)\*\*(-1)))-(((((c2\*Ar)+Ar))\*\*(0.5))\*c1)) | | 0.197693255856767 Ar^{0.5} - 34.7354722619492 \epsilon\_{mf} | | 0.1977 Ar^{0.5} - 34.74 \epsilon\_{mf} |
| UMF\_36\_3\_0.100000 | ((epsilon\_mf\*((c1)\*\*(-1)))-(((((c2\*Ar)+Ar))\*\*(0.5))\*c1)) | | 0.197693255856767 Ar^{0.5} - 34.7354722619492 \epsilon\_{mf} | | 0.1977 Ar^{0.5} - 34.74 \epsilon\_{mf} |
| UMF\_36\_4\_0.000000 | (((Ar/((((((c2/Ar)\*(c2+c1))+c2))\*\*(0.5))+c2)))\*\*(0.5)) | | \left(\frac{Ar}{9997.80341526721 \left(2.14032538467735 \cdot 10^{-7} + \frac{1}{Ar}\right)^{0.5} + 21.3938520673508}\right)^{0.5} | | \left(\frac{Ar}{9998.0 \left(2.14 \cdot 10^{-7} + \frac{1}{Ar}\right)^{0.5} + 21.39}\right)^{0.5} |
| UMF\_36\_4\_0.001000 | (((Ar/((((((c2/Ar)\*(c2+c1))+c2))\*\*(0.5))+c2)))\*\*(0.5)) | | \left(\frac{Ar}{9997.80341526721 \left(2.14032538467735 \cdot 10^{-7} + \frac{1}{Ar}\right)^{0.5} + 21.3938520673508}\right)^{0.5} | | \left(\frac{Ar}{9998.0 \left(2.14 \cdot 10^{-7} + \frac{1}{Ar}\right)^{0.5} + 21.39}\right)^{0.5} |
| UMF\_36\_4\_0.010000 | ((((((epsilon\_mf+((((c2\*(Ar+c1)))\*\*(0.5))+1.0)))\*\*(0.5))-epsilon\_mf))\*\*(2)) | | \left(- \epsilon\_{mf} + \left(\epsilon\_{mf} + 0.197224078444575 \left(Ar + 0.999999632110648\right)^{0.5} + 1.0\right)^{0.5}\right)^{2} | | \left(\epsilon\_{mf} - \left(\epsilon\_{mf} + 0.1972 \left(Ar + 1.0\right)^{0.5} + 1.0\right)^{0.5}\right)^{2} |
| UMF\_36\_4\_0.100000 | (((Ar/((((((c2/Ar)\*(c2+c1))+c2))\*\*(0.5))+c2)))\*\*(0.5)) | | \left(\frac{Ar}{9997.80341526721 \left(2.14032538467735 \cdot 10^{-7} + \frac{1}{Ar}\right)^{0.5} + 21.3938520673508}\right)^{0.5} | | \left(\frac{Ar}{9998.0 \left(2.14 \cdot 10^{-7} + \frac{1}{Ar}\right)^{0.5} + 21.39}\right)^{0.5} |
| UMF\_45\_0\_0.000000 | (phi\*(((epsilon\_mf\*((((epsilon\_mf\*epsilon\_mf)\*epsilon\_mf)\*c1)\*epsilon\_mf))\*phi)\*Ar)) | | 0.0532385666400943 Ar \epsilon\_{mf}^{5} \phi^{2} | | 0.05324 Ar \epsilon\_{mf}^{5} \phi^{2} |
| UMF\_45\_0\_0.001000 | (phi\*(((epsilon\_mf\*((((epsilon\_mf\*epsilon\_mf)\*epsilon\_mf)\*c1)\*epsilon\_mf))\*phi)\*Ar)) | | 0.0532385666400943 Ar \epsilon\_{mf}^{5} \phi^{2} | | 0.05324 Ar \epsilon\_{mf}^{5} \phi^{2} |
| UMF\_45\_0\_0.010000 | ((epsilon\_mf\*((((((Ar\*epsilon\_mf)\*(c1\*epsilon\_mf))\*epsilon\_mf)\*epsilon\_mf)\*phi)\*phi))-c1) | | 0.053238583999122 Ar \epsilon\_{mf}^{5} \phi^{2} - 0.053238583999122 | | 0.05324 Ar \epsilon\_{mf}^{5} \phi^{2} - 0.05324 |
| UMF\_45\_0\_0.100000 | (phi\*(((epsilon\_mf\*((((epsilon\_mf\*epsilon\_mf)\*epsilon\_mf)\*c1)\*epsilon\_mf))\*phi)\*Ar)) | | 0.0532385666400943 Ar \epsilon\_{mf}^{5} \phi^{2} | | 0.05324 Ar \epsilon\_{mf}^{5} \phi^{2} |
| UMF\_45\_1\_0.000000 | ((epsilon\_mf+c2)\*(((((((epsilon\_mf\*epsilon\_mf)\*Ar)\*phi)\*c1)\*phi)\*epsilon\_mf)\*epsilon\_mf)) | | 0.0722023382168506 Ar \epsilon\_{mf}^{4} \phi^{2} \left(\epsilon\_{mf} - 0.232122929468095\right) | | 0.0722 Ar \epsilon\_{mf}^{4} \phi^{2} \left(\epsilon\_{mf} - 0.2321\right) |
| UMF\_45\_1\_0.001000 | ((epsilon\_mf+c2)\*(((((((epsilon\_mf\*epsilon\_mf)\*Ar)\*phi)\*c1)\*phi)\*epsilon\_mf)\*epsilon\_mf)) | | 0.0722023382168506 Ar \epsilon\_{mf}^{4} \phi^{2} \left(\epsilon\_{mf} - 0.232122929468095\right) | | 0.0722 Ar \epsilon\_{mf}^{4} \phi^{2} \left(\epsilon\_{mf} - 0.2321\right) |
| UMF\_45\_1\_0.010000 | ((((((c2+((((c2+epsilon\_mf)\*epsilon\_mf)\*epsilon\_mf)\*phi))\*epsilon\_mf)\*Ar)\*phi)\*epsilon\_mf)\*c1) | | 0.0581758188639951 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf} - 0.0281501610322612\right) - 0.0281501610322612\right) | | 0.05818 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf} - 0.02815\right) - 0.02815\right) |
| UMF\_45\_1\_0.100000 | ((epsilon\_mf+c2)\*(((((((epsilon\_mf\*epsilon\_mf)\*Ar)\*phi)\*c1)\*phi)\*epsilon\_mf)\*epsilon\_mf)) | | 0.0722023382168506 Ar \epsilon\_{mf}^{4} \phi^{2} \left(\epsilon\_{mf} - 0.232122929468095\right) | | 0.0722 Ar \epsilon\_{mf}^{4} \phi^{2} \left(\epsilon\_{mf} - 0.2321\right) |
| UMF\_45\_2\_0.000000 | ((((((c2+((epsilon\_mf\*(epsilon\_mf\*epsilon\_mf))\*phi))\*phi)\*epsilon\_mf)\*epsilon\_mf)\*c1)\*Ar) | | 0.056059366190117 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.0269767175257254\right) | | 0.05606 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.02698\right) |
| UMF\_45\_2\_0.001000 | ((((((c2+((epsilon\_mf\*(epsilon\_mf\*epsilon\_mf))\*phi))\*phi)\*epsilon\_mf)\*epsilon\_mf)\*c1)\*Ar) | | 0.056059366190117 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.0269767175257254\right) | | 0.05606 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.02698\right) |
| UMF\_45\_2\_0.010000 | ((((((c2+((epsilon\_mf\*(epsilon\_mf\*epsilon\_mf))\*phi))\*phi)\*epsilon\_mf)\*epsilon\_mf)\*c1)\*Ar) | | 0.056059366190117 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.0269767175257254\right) | | 0.05606 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.02698\right) |
| UMF\_45\_2\_0.100000 | ((((((c2+((epsilon\_mf\*(epsilon\_mf\*epsilon\_mf))\*phi))\*phi)\*epsilon\_mf)\*epsilon\_mf)\*c1)\*Ar) | | 0.056059366190117 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.0269767175257254\right) | | 0.05606 Ar \epsilon\_{mf}^{2} \phi \left(\epsilon\_{mf}^{3} \phi - 0.02698\right) |
| UMF\_45\_3\_0.000000 | ((epsilon\_mf\*(epsilon\_mf\*(phi\*(((epsilon\_mf\*(phi\*(Ar\*c2)))\*epsilon\_mf)\*epsilon\_mf))))+c1) | | 0.0534851935657617 Ar \epsilon\_{mf}^{5} \phi^{2} - 143.399885841799 | | 0.05349 Ar \epsilon\_{mf}^{5} \phi^{2} - 143.4 |
| UMF\_45\_3\_0.001000 | ((epsilon\_mf\*(epsilon\_mf\*(phi\*(((epsilon\_mf\*(phi\*(Ar\*c2)))\*epsilon\_mf)\*epsilon\_mf))))+c1) | | 0.0534851935657617 Ar \epsilon\_{mf}^{5} \phi^{2} - 143.399885841799 | | 0.05349 Ar \epsilon\_{mf}^{5} \phi^{2} - 143.4 |
| UMF\_45\_3\_0.010000 | (((((phi\*(((Ar+epsilon\_mf)\*((epsilon\_mf-c1)\*epsilon\_mf))\*phi))\*epsilon\_mf)\*c1)\*epsilon\_mf)\*c2) | | 0.0987479774323406 \epsilon\_{mf}^{3} \phi^{2} \left(Ar + \epsilon\_{mf}\right) \left(\epsilon\_{mf} - 0.45426301054322\right) | | 0.09875 \epsilon\_{mf}^{3} \phi^{2} \left(Ar + \epsilon\_{mf}\right) \left(\epsilon\_{mf} - 0.4543\right) |
| UMF\_45\_3\_0.100000 | ((epsilon\_mf\*(epsilon\_mf\*(phi\*(((epsilon\_mf\*(phi\*(Ar\*c2)))\*epsilon\_mf)\*epsilon\_mf))))+c1) | | 0.0534851935657617 Ar \epsilon\_{mf}^{5} \phi^{2} - 143.399885841799 | | 0.05349 Ar \epsilon\_{mf}^{5} \phi^{2} - 143.4 |
| UMF\_45\_4\_0.000000 | ((epsilon\_mf\*((epsilon\_mf\*(epsilon\_mf\*(((phi\*Ar)\*phi)\*c1)))\*epsilon\_mf))\*epsilon\_mf) | | 0.0544100672850022 Ar \epsilon\_{mf}^{5} \phi^{2} | | 0.05441 Ar \epsilon\_{mf}^{5} \phi^{2} |
| UMF\_45\_4\_0.001000 | ((epsilon\_mf\*((epsilon\_mf\*(epsilon\_mf\*(((phi\*Ar)\*phi)\*c1)))\*epsilon\_mf))\*epsilon\_mf) | | 0.0544100672850022 Ar \epsilon\_{mf}^{5} \phi^{2} | | 0.05441 Ar \epsilon\_{mf}^{5} \phi^{2} |
| UMF\_45\_4\_0.010000 | (phi\*(epsilon\_mf\*(((((phi\*Ar)\*epsilon\_mf)\*c2)\*epsilon\_mf)\*epsilon\_mf))) | | 0.0504017249438979 Ar \epsilon\_{mf}^{4} \phi^{2} | | 0.0504 Ar \epsilon\_{mf}^{4} \phi^{2} |
| UMF\_45\_4\_0.100000 | ((epsilon\_mf\*((epsilon\_mf\*(epsilon\_mf\*(((phi\*Ar)\*phi)\*c1)))\*epsilon\_mf))\*epsilon\_mf) | | 0.0544100672850022 Ar \epsilon\_{mf}^{5} \phi^{2} | | 0.05441 Ar \epsilon\_{mf}^{5} \phi^{2} |
| UMF\_47\_0\_0.000000 | exp(((log(Ar)-((c2-(c1+c2))\*c2))\*c1)) | | 0.000821999996564855 Ar^{0.94000000026634} | | 0.000822 Ar^{0.94} |
| UMF\_47\_0\_0.001000 | exp(((log(Ar)-((c2-(c1+c2))\*c2))\*c1)) | | 0.000821999996564855 Ar^{0.94000000026634} | | 0.000822 Ar^{0.94} |
| UMF\_47\_0\_0.010000 | (exp((c2+(c1\*(log((Ar\*1.0))-c1))))\*c1) | | 0.000821999999563723 Ar^{0.940000000031356} | | 0.000822 Ar^{0.94} |
| UMF\_47\_0\_0.100000 | exp((c1\*(((log((Ar+Ar))+(c2+c2))\*c2)-c1))) | | 0.000821999999216471 Ar^{0.940000000055901} | | 0.000822 Ar^{0.94} |
| UMF\_47\_1\_0.000000 | exp(((log((Ar/c2))-1.0)\*c1)) | | 0.000822000002490218 Ar^{0.939999999821715} | | 0.000822 Ar^{0.94} |
| UMF\_47\_1\_0.001000 | exp(((log((Ar/c2))-1.0)\*c1)) | | 0.000822000002490218 Ar^{0.939999999821715} | | 0.000822 Ar^{0.94} |
| UMF\_47\_1\_0.010000 | exp(((log((Ar/(c2+c1)))-c2)\*c2)) | | 0.000822000000167976 Ar^{0.939999999987712} | | 0.000822 Ar^{0.94} |
| UMF\_47\_1\_0.100000 | exp((c1\*((c2\*c1)+log(Ar)))) | | 0.000821999999925616 Ar^{0.940000000005439} | | 0.000822 Ar^{0.94} |
| UMF\_47\_2\_0.000000 | exp((-(c2)\*((c2+c2)-(log(Ar)\*c1)))) | | 0.000822000000032956 Ar^{0.939999999997556} | | 0.000822 Ar^{0.94} |
| UMF\_47\_2\_0.001000 | exp((-(c2)\*((c2+c2)-(log(Ar)\*c1)))) | | 0.000822000000032956 Ar^{0.939999999997556} | | 0.000822 Ar^{0.94} |
| UMF\_47\_2\_0.010000 | exp(((log(Ar)-c1)/c2)) | | 0.000822000000930084 Ar^{0.939999999929218} | | 0.000822 Ar^{0.94} |
| UMF\_47\_2\_0.100000 | exp((c2\*(log((((Ar\*c1))\*\*(0.5)))\*c2))) | | 0.000821999994576631 Ar^{0.94000000042141} | | 0.000822 Ar^{0.94} |
| UMF\_47\_3\_0.000000 | exp(-(((c1-log(Ar))\*(c2/c1)))) | | 0.000822000003339819 Ar^{0.939999999771012} | | 0.000822 Ar^{0.94} |
| UMF\_47\_3\_0.001000 | exp(-(((c1-log(Ar))\*(c2/c1)))) | | 0.000822000003339819 Ar^{0.939999999771012} | | 0.000822 Ar^{0.94} |
| UMF\_47\_3\_0.010000 | exp((-((log(Ar)/-(c2)))-c1)) | | 0.000822000000241418 Ar^{0.939999999981984} | | 0.000822 Ar^{0.94} |
| UMF\_47\_3\_0.100000 | exp(-(((c1-log(Ar))\*(c2/c1)))) | | 0.000822000003339811 Ar^{0.939999999771013} | | 0.000822 Ar^{0.94} |
| UMF\_47\_4\_0.000000 | exp((-((c2-log(Ar)))\*(c2-c1))) | | 0.000821999999860886 Ar^{0.940000000010643} | | 0.000822 Ar^{0.94} |
| UMF\_47\_4\_0.001000 | exp((-((c2-log(Ar)))\*(c2-c1))) | | 0.000821999999860886 Ar^{0.940000000010643} | | 0.000822 Ar^{0.94} |
| UMF\_47\_4\_0.010000 | exp(((log(Ar)+c2)\*c1)) | | 0.000822000010338177 Ar^{0.93999999925357} | | 0.000822 Ar^{0.94} |
| UMF\_47\_4\_0.100000 | exp((((((log((c1\*Ar))+c1)\*c1)\*c2)-c1)/c2)) | | 0.000821999997022235 Ar^{0.940000000249434} | | 0.000822 Ar^{0.94} |
| UMF\_48\_0\_0.000000 | (Ar\*-(c2)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_0\_0.001000 | (Ar\*-(c2)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_0\_0.010000 | (c2\*-(Ar)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_0\_0.100000 | (Ar\*-(c2)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_1\_0.000000 | -((c2\*Ar)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_1\_0.001000 | -((c2\*Ar)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_1\_0.010000 | -((c2\*Ar)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_1\_0.100000 | -((c2\*Ar)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_2\_0.000000 | -((Ar/((c2)\*\*(-1)))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_2\_0.001000 | (-(Ar)/((c1)\*\*(-1))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_2\_0.010000 | (Ar/-(((c1)\*\*(-1)))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_2\_0.100000 | (-(Ar)/((c1)\*\*(-1))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_3\_0.000000 | -((Ar/((c2)\*\*(-1)))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_3\_0.001000 | (Ar/((-(c2))\*\*(-1))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_3\_0.010000 | -((Ar/((c2)\*\*(-1)))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_3\_0.100000 | (Ar/((-(c2))\*\*(-1))) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_4\_0.000000 | ((Ar+Ar)\*c1) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_4\_0.001000 | ((Ar+Ar)\*c2) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_4\_0.010000 | (c1\*(Ar+Ar)) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_48\_4\_0.100000 | ((Ar+Ar)\*c2) | | 0.0081 Ar | | 0.0081 Ar |
| UMF\_56\_0\_0.000000 | (Ar\*(-(((((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*epsilon\_mf)\*c2))\*epsilon\_mf)) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_0\_0.001000 | (Ar\*(-(((((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*epsilon\_mf)\*c2))\*epsilon\_mf)) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_0\_0.010000 | (Ar\*(-(((((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*epsilon\_mf)\*c2))\*epsilon\_mf)) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_0\_0.100000 | (c1\*(((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*((Ar\*epsilon\_mf)\*epsilon\_mf))) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_1\_0.000000 | ((Ar\*(epsilon\_mf\*epsilon\_mf))\*(((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*c1)) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_1\_0.001000 | ((Ar\*(epsilon\_mf\*epsilon\_mf))\*(((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*c1)) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_1\_0.010000 | ((Ar\*(epsilon\_mf\*epsilon\_mf))\*(((epsilon\_mf\*epsilon\_mf)-epsilon\_mf)\*c1)) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_1\_0.100000 | (((epsilon\_mf\*(epsilon\_mf\*epsilon\_mf))\*(Ar-(Ar\*epsilon\_mf)))\*c1) | | 0.0066666666666666 \epsilon\_{mf}^{3} \left(- Ar \epsilon\_{mf} + Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_2\_0.000000 | (((c2\*(((epsilon\_mf\*Ar)-Ar)\*epsilon\_mf))\*epsilon\_mf)\*epsilon\_mf) | | - 0.0066666666666666 \epsilon\_{mf}^{3} \left(Ar \epsilon\_{mf} - Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_2\_0.001000 | (((c2\*(((epsilon\_mf\*Ar)-Ar)\*epsilon\_mf))\*epsilon\_mf)\*epsilon\_mf) | | - 0.0066666666666666 \epsilon\_{mf}^{3} \left(Ar \epsilon\_{mf} - Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_2\_0.010000 | (((c2\*(((epsilon\_mf\*Ar)-Ar)\*epsilon\_mf))\*epsilon\_mf)\*epsilon\_mf) | | - 0.0066666666666666 \epsilon\_{mf}^{3} \left(Ar \epsilon\_{mf} - Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_2\_0.100000 | (((c2\*(((epsilon\_mf\*Ar)-Ar)\*epsilon\_mf))\*epsilon\_mf)\*epsilon\_mf) | | - 0.0066666666666666 \epsilon\_{mf}^{3} \left(Ar \epsilon\_{mf} - Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_3\_0.000000 | (Ar\*(((epsilon\_mf\*epsilon\_mf)\*epsilon\_mf)\*((c2\*epsilon\_mf)+c1))) | | Ar \epsilon\_{mf}^{3} \cdot \left(0.0066666666666666 - 0.0066666666666666 \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_3\_0.001000 | (Ar\*(((epsilon\_mf\*epsilon\_mf)\*epsilon\_mf)\*((c2\*epsilon\_mf)+c1))) | | Ar \epsilon\_{mf}^{3} \cdot \left(0.0066666666666666 - 0.0066666666666666 \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_3\_0.010000 | (Ar\*(((epsilon\_mf\*epsilon\_mf)\*epsilon\_mf)\*((c2\*epsilon\_mf)+c1))) | | Ar \epsilon\_{mf}^{3} \cdot \left(0.0066666666666666 - 0.0066666666666666 \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_3\_0.100000 | (epsilon\_mf\*(epsilon\_mf\*((c1\*((epsilon\_mf\*epsilon\_mf)-epsilon\_mf))\*Ar))) | | - 0.0066666666666666 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf}^{2} - \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_4\_0.000000 | (Ar\*(epsilon\_mf\*((c2\*(epsilon\_mf+((-(epsilon\_mf)-c1)\*epsilon\_mf)))\*epsilon\_mf))) | | 0.00666666666655 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf} \left(4.3248952256336 \cdot 10^{-12} - \epsilon\_{mf}\right) + \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_4\_0.001000 | (((((epsilon\_mf\*Ar)-Ar)\*epsilon\_mf)\*(epsilon\_mf\*c1))\*epsilon\_mf) | | - 0.0066666666666666 \epsilon\_{mf}^{3} \left(Ar \epsilon\_{mf} - Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_4\_0.010000 | (((((epsilon\_mf\*Ar)-Ar)\*epsilon\_mf)\*(epsilon\_mf\*c1))\*epsilon\_mf) | | - 0.0066666666666666 \epsilon\_{mf}^{3} \left(Ar \epsilon\_{mf} - Ar\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_56\_4\_0.100000 | (Ar\*(epsilon\_mf\*((c2\*(epsilon\_mf+((-(epsilon\_mf)-c1)\*epsilon\_mf)))\*epsilon\_mf))) | | 0.00666666666655 Ar \epsilon\_{mf}^{2} \left(\epsilon\_{mf} \left(4.3248952256336 \cdot 10^{-12} - \epsilon\_{mf}\right) + \epsilon\_{mf}\right) | | 0.006667 Ar \epsilon\_{mf}^{3} \cdot \left(1 - \epsilon\_{mf}\right) |
| UMF\_59\_0\_0.000000 | (1.0-(-(Ar)+((c2--((log(Ar)\*c1)))\*Ar))) | | - Ar \left(3.37791284052916 \cdot 10^{-5} \log{\left(Ar \right)} + 0.999137685069245\right) + Ar + 1.0 | | - Ar \left(3.378 \cdot 10^{-5} \log{\left(Ar \right)} + 0.9991\right) + Ar + 1.0 |
| UMF\_59\_0\_0.001000 | (1.0-(-(Ar)+((c2--((log(Ar)\*c1)))\*Ar))) | | - Ar \left(3.37791284052916 \cdot 10^{-5} \log{\left(Ar \right)} + 0.999137685069245\right) + Ar + 1.0 | | - Ar \left(3.378 \cdot 10^{-5} \log{\left(Ar \right)} + 0.9991\right) + Ar + 1.0 |
| UMF\_59\_0\_0.010000 | (1.0-(-(Ar)+((c2--((log(Ar)\*c1)))\*Ar))) | | - Ar \left(3.37791284052916 \cdot 10^{-5} \log{\left(Ar \right)} + 0.999137685069245\right) + Ar + 1.0 | | - Ar \left(3.378 \cdot 10^{-5} \log{\left(Ar \right)} + 0.9991\right) + Ar + 1.0 |
| UMF\_59\_0\_0.100000 | (c1+((c1\*((log((c2+Ar))\*-(c2))+c1))\*Ar)) | | 0.0294008228735185 Ar \left(0.0294008228735185 - 0.0011530165020576 \log{\left(Ar + 0.0011530165020576 \right)}\right) + 0.0294008228735185 | | - 0.0294 Ar \left(0.001153 \log{\left(Ar + 0.001153 \right)} - 0.0294\right) + 0.0294 |
| UMF\_59\_1\_0.000000 | (((((c2/c2)+c2)/log(((c1+c2)+Ar)))+c1)\*Ar) | | Ar \left(-0.000159971344074 + \frac{0.00768837885160456}{\log{\left(Ar - 0.992471592492469 \right)}}\right) | | - 0.00016 Ar + \frac{0.007688 Ar}{\log{\left(Ar - 0.9925 \right)}} |
| UMF\_59\_1\_0.001000 | (((((c2/c2)+c2)/log(((c1+c2)+Ar)))+c1)\*Ar) | | Ar \left(-0.000159971344074 + \frac{0.00768837885160456}{\log{\left(Ar - 0.992471592492469 \right)}}\right) | | - 0.00016 Ar + \frac{0.007688 Ar}{\log{\left(Ar - 0.9925 \right)}} |
| UMF\_59\_1\_0.010000 | ((c2/((((((Ar-c2)+((rho\_p\*(Ar/rho))-Ar))+c1)\*c2)/c1)/c1))\*Ar) | | \frac{88790100.8826137 Ar}{\frac{Ar \rho\_{p}}{\rho} + 252101351186.038} | | \frac{88790000.0 Ar}{\frac{Ar \rho\_{p}}{\rho} + 252100000000.0} |
| UMF\_59\_1\_0.100000 | (Ar/(((c2\*(log((c2\*((Ar/c1)/c1)))\*c2)))\*\*(2))) | | \frac{0.145221514189973 Ar}{\log{\left(198.52361814321 Ar \right)}^{2}} | | \frac{0.1452 Ar}{\log{\left(198.5 Ar \right)}^{2}} |
| UMF\_59\_2\_0.000000 | (Ar\*((((log((Ar-c1))\*((c1-c1)+c2))-Ar)+Ar)-c1)) | | Ar \left(0.0008927068715761 - 3.55897591472426 \cdot 10^{-5} \log{\left(Ar + 0.0008927068715761 \right)}\right) | | Ar \left(0.0008927 - 3.559 \cdot 10^{-5} \log{\left(Ar + 0.0008927 \right)}\right) |
| UMF\_59\_2\_0.001000 | (Ar\*((((log((Ar-c1))\*((c1-c1)+c2))-Ar)+Ar)-c1)) | | Ar \left(0.0008927068715761 - 3.55897591472426 \cdot 10^{-5} \log{\left(Ar + 0.0008927068715761 \right)}\right) | | Ar \left(0.0008927 - 3.559 \cdot 10^{-5} \log{\left(Ar + 0.0008927 \right)}\right) |
| UMF\_59\_2\_0.010000 | (Ar\*((c1+-(log((((Ar\*c1)/c1)+c2))))/c2)) | | 3.57213685185179 \cdot 10^{-5} Ar \left(25.054515381089 - \log{\left(Ar + 27994.4481825102 \right)}\right) | | Ar \left(0.0008948 - 3.572 \cdot 10^{-5} \log{\left(Ar + 27990.0 \right)}\right) |
| UMF\_59\_2\_0.100000 | (Ar\*((c1+-(log((((Ar\*c1)/c1)+c2))))/c2)) | | 3.57213685185179 \cdot 10^{-5} Ar \left(25.054515381089 - \log{\left(Ar + 27994.4481825102 \right)}\right) | | Ar \left(0.0008948 - 3.572 \cdot 10^{-5} \log{\left(Ar + 27990.0 \right)}\right) |
| UMF\_59\_3\_0.000000 | ((((((((c1/log((Ar-c2)))\*Ar)+c1)-Ar)\*c2)+Ar)\*c2)-c2) | | - 0.000210327397184867 Ar + \frac{0.00850504046684678 Ar}{\log{\left(Ar - 1.00021028317817 \right)}} - 0.991705242711323 | | - 0.0002103 Ar + \frac{0.008505 Ar}{\log{\left(Ar - 1.0 \right)}} - 0.9917 |
| UMF\_59\_3\_0.001000 | ((((((((c1/log((Ar-c2)))\*Ar)+c1)-Ar)\*c2)+Ar)\*c2)-c2) | | - 0.000210327397184867 Ar + \frac{0.00850504046684678 Ar}{\log{\left(Ar - 1.00021028317817 \right)}} - 0.991705242711323 | | - 0.0002103 Ar + \frac{0.008505 Ar}{\log{\left(Ar - 1.0 \right)}} - 0.9917 |
| UMF\_59\_3\_0.010000 | (((c2-Ar)\*(c1-((c1/log((Ar\*Ar)))+c2)))-c1) | | \left(0.000207972677443699 - \frac{0.0169295564985297}{\log{\left(Ar^{2} \right)}}\right) \left(0.016721583821086 - Ar\right) - 0.0169295564985297 | | - \left(0.000208 - \frac{0.01693}{\log{\left(Ar^{2} \right)}}\right) \left(Ar - 0.01672\right) - 0.01693 |
| UMF\_59\_3\_0.100000 | (((c2-Ar)\*(c1-((c1/log((Ar\*Ar)))+c2)))-c1) | | \left(0.000207972677443699 - \frac{0.0169295564985297}{\log{\left(Ar^{2} \right)}}\right) \left(0.016721583821086 - Ar\right) - 0.0169295564985297 | | - \left(0.000208 - \frac{0.01693}{\log{\left(Ar^{2} \right)}}\right) \left(Ar - 0.01672\right) - 0.01693 |
| UMF\_59\_4\_0.000000 | (-((c1-(Ar/(log(Ar)/c1))))+(c2\*Ar)) | | - 0.0001827047124127 Ar + \frac{0.0080575613663113 Ar}{\log{\left(Ar \right)}} - 0.0080575613663113 | | - 0.0001827 Ar + \frac{0.008058 Ar}{\log{\left(Ar \right)}} - 0.008058 |
| UMF\_59\_4\_0.001000 | (-((c1-(Ar/(log(Ar)/c1))))+(c2\*Ar)) | | - 0.0001827047124127 Ar + \frac{0.0080575613663113 Ar}{\log{\left(Ar \right)}} - 0.0080575613663113 | | - 0.0001827 Ar + \frac{0.008058 Ar}{\log{\left(Ar \right)}} - 0.008058 |
| UMF\_59\_4\_0.010000 | exp((log(((c1\*c1)\*((Ar\*c1)+c2)))\*c2)) | | 0.012199825784576 \left(0.101449099414519 Ar + 1\right)^{0.901642368665868} | | 0.0122 \left(0.1014 Ar + 1.0\right)^{0.9016} |
| UMF\_59\_4\_0.100000 | exp((log(((c1\*c1)\*((Ar\*c1)+c2)))\*c2)) | | 0.012199825784576 \left(0.101449099414519 Ar + 1\right)^{0.901642368665868} | | 0.0122 \left(0.1014 Ar + 1.0\right)^{0.9016} |
| UMF\_69\_0\_0.000000 | (-(c1)\*Ar) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_0\_0.001000 | (-(c1)\*Ar) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_0\_0.010000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_0\_0.100000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_1\_0.000000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_1\_0.001000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_1\_0.010000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_1\_0.100000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_2\_0.000000 | (-(Ar)\*c2) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_2\_0.001000 | (Ar\*-(c2)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_2\_0.010000 | (-(c2)\*Ar) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_2\_0.100000 | (-(c2)\*Ar) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_3\_0.000000 | ((Ar+Ar)\*c2) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_3\_0.001000 | ((Ar+Ar)\*c2) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_3\_0.010000 | (Ar\*(c1+c1)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_3\_0.100000 | (Ar\*(c1+c1)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_4\_0.000000 | -((Ar\*c1)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_4\_0.001000 | -((Ar\*c1)) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_4\_0.010000 | (-(Ar)\*c2) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_69\_4\_0.100000 | (-(Ar)\*c2) | | 0.000606 Ar | | 0.000606 Ar |
| UMF\_88\_0\_0.000000 | (Ar/((((Ar)\*\*(0.5))+((c2+c1)\*c1))\*c2)) | | \frac{0.192307692313189 Ar}{Ar^{0.5} + 269.230769181941} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_0\_0.001000 | (Ar/((((Ar)\*\*(0.5))+((c2+c1)\*c1))\*c2)) | | \frac{0.192307692313189 Ar}{Ar^{0.5} + 269.230769181941} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_0\_0.010000 | (Ar/((((Ar)\*\*(0.5))+((c2+c1)\*c1))\*c2)) | | \frac{0.192307692313189 Ar}{Ar^{0.5} + 269.230769181941} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_0\_0.100000 | (Ar/((((Ar)\*\*(0.5))+((c2+c1)\*c1))\*c2)) | | \frac{0.192307692313189 Ar}{Ar^{0.5} + 269.230769181941} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_1\_0.000000 | ((c2\*Ar)/((((((Ar/c2))\*\*(0.5))+(c1+c1))+c2)\*c1)) | | \frac{0.0861595053600765 Ar}{0.448029427873325 Ar^{0.5} + 120.623307499012} | | \frac{0.08616 Ar}{0.448 Ar^{0.5} + 120.6} |
| UMF\_88\_1\_0.001000 | ((c2\*Ar)/((((((Ar/c2))\*\*(0.5))+(c1+c1))+c2)\*c1)) | | \frac{0.0861595053600765 Ar}{0.448029427873325 Ar^{0.5} + 120.623307499012} | | \frac{0.08616 Ar}{0.448 Ar^{0.5} + 120.6} |
| UMF\_88\_1\_0.010000 | ((c2\*Ar)/((((((Ar/c2))\*\*(0.5))+(c1+c1))+c2)\*c1)) | | \frac{0.0861595053600765 Ar}{0.448029427873325 Ar^{0.5} + 120.623307499012} | | \frac{0.08616 Ar}{0.448 Ar^{0.5} + 120.6} |
| UMF\_88\_1\_0.100000 | ((c2\*Ar)/((((((Ar/c2))\*\*(0.5))+(c1+c1))+c2)\*c1)) | | \frac{0.0861595053600765 Ar}{0.448029427873325 Ar^{0.5} + 120.623307499012} | | \frac{0.08616 Ar}{0.448 Ar^{0.5} + 120.6} |
| UMF\_88\_2\_0.000000 | (((Ar/(((c1+(c2\*((Ar)\*\*(0.5))))\*(c2/c2))+c1))\*c2)\*c2) | | \frac{0.0369822485177009 Ar}{0.192307692299869 Ar^{0.5} + 51.7751478993369} | | \frac{0.03698 Ar}{0.1923 Ar^{0.5} + 51.78} |
| UMF\_88\_2\_0.001000 | (((Ar/(((c1+(c2\*((Ar)\*\*(0.5))))\*(c2/c2))+c1))\*c2)\*c2) | | \frac{0.0369822485177009 Ar}{0.192307692299869 Ar^{0.5} + 51.7751478993369} | | \frac{0.03698 Ar}{0.1923 Ar^{0.5} + 51.78} |
| UMF\_88\_2\_0.010000 | (((Ar/(((c1+(c2\*((Ar)\*\*(0.5))))\*(c2/c2))+c1))\*c2)\*c2) | | \frac{0.0369822485177009 Ar}{0.192307692299869 Ar^{0.5} + 51.7751478993369} | | \frac{0.03698 Ar}{0.1923 Ar^{0.5} + 51.78} |
| UMF\_88\_2\_0.100000 | (((Ar/(((c1+(c2\*((Ar)\*\*(0.5))))\*(c2/c2))+c1))\*c2)\*c2) | | \frac{0.0369822485177009 Ar}{0.192307692299869 Ar^{0.5} + 51.7751478993369} | | \frac{0.03698 Ar}{0.1923 Ar^{0.5} + 51.78} |
| UMF\_88\_3\_0.000000 | ((Ar/((c2+(((Ar)\*\*(0.5))+(c2\*c1)))\*c1))\*c2) | | \frac{0.192307692309186 Ar}{Ar^{0.5} + 269.230769192806} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_3\_0.001000 | ((Ar/((c2+(((Ar)\*\*(0.5))+(c2\*c1)))\*c1))\*c2) | | \frac{0.192307692309186 Ar}{Ar^{0.5} + 269.230769192806} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_3\_0.010000 | ((Ar/((c2+(((Ar)\*\*(0.5))+(c2\*c1)))\*c1))\*c2) | | \frac{0.192307692309186 Ar}{Ar^{0.5} + 269.230769192806} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_3\_0.100000 | ((Ar/((c2+(((Ar)\*\*(0.5))+(c2\*c1)))\*c1))\*c2) | | \frac{0.192307692309186 Ar}{Ar^{0.5} + 269.230769192806} | | \frac{0.1923 Ar}{Ar^{0.5} + 269.2} |
| UMF\_88\_4\_0.000000 | (Ar/((c2+(((Ar)\*\*(0.5))/c1))\*((c2)\*\*(0.5)))) | | \frac{0.0893903535082696 Ar}{0.464829838240371 Ar^{0.5} + 125.146494917403} | | \frac{0.08939 Ar}{0.4648 Ar^{0.5} + 125.1} |
| UMF\_88\_4\_0.001000 | (Ar/((c2+(((Ar)\*\*(0.5))/c1))\*((c2)\*\*(0.5)))) | | \frac{0.0893903535082696 Ar}{0.464829838240371 Ar^{0.5} + 125.146494917403} | | \frac{0.08939 Ar}{0.4648 Ar^{0.5} + 125.1} |
| UMF\_88\_4\_0.010000 | (Ar/((c2+(((Ar)\*\*(0.5))/c1))\*((c2)\*\*(0.5)))) | | \frac{0.0893903535082696 Ar}{0.464829838240371 Ar^{0.5} + 125.146494917403} | | \frac{0.08939 Ar}{0.4648 Ar^{0.5} + 125.1} |
| UMF\_88\_4\_0.100000 | (Ar/((c2+(((Ar)\*\*(0.5))/c1))\*((c2)\*\*(0.5)))) | | \frac{0.0893903535082696 Ar}{0.464829838240371 Ar^{0.5} + 125.146494917403} | | \frac{0.08939 Ar}{0.4648 Ar^{0.5} + 125.1} |
| UMF\_89\_0\_0.000000 | (((((((c2+epsilon\_mf))\*\*(2))\*c1)\*((-(c2)+Ar)\*epsilon\_mf)))\*\*(0.5)) | | 0.809326767121145 \left(\epsilon\_{mf} \left(Ar + 0.0645245577225764\right) \left(\epsilon\_{mf} - 0.0645245577225764\right)^{2}\right)^{0.5} | | 0.8093 \left(\epsilon\_{mf} \left(Ar + 0.06452\right) \left(\epsilon\_{mf} - 0.06452\right)^{2}\right)^{0.5} |
| UMF\_89\_0\_0.001000 | (((((epsilon\_mf\*(epsilon\_mf+(Ar\*((c1)\*\*(0.5))))))\*\*(0.5))\*c1)\*(c2+epsilon\_mf)) | | 0.843962484486364 \left(\epsilon\_{mf} \left(0.918674308167135 Ar + \epsilon\_{mf}\right)\right)^{0.5} \left(\epsilon\_{mf} - 0.0641703394756987\right) | | \left(\epsilon\_{mf} \left(0.9187 Ar + \epsilon\_{mf}\right)\right)^{0.5} \cdot \left(0.844 \epsilon\_{mf} - 0.05416\right) |
| UMF\_89\_0\_0.010000 | (((((((c2+epsilon\_mf))\*\*(2))\*c1)\*((-(c2)+Ar)\*epsilon\_mf)))\*\*(0.5)) | | 0.809326767121145 \left(\epsilon\_{mf} \left(Ar + 0.0645245577225764\right) \left(\epsilon\_{mf} - 0.0645245577225764\right)^{2}\right)^{0.5} | | 0.8093 \left(\epsilon\_{mf} \left(Ar + 0.06452\right) \left(\epsilon\_{mf} - 0.06452\right)^{2}\right)^{0.5} |
| UMF\_89\_0\_0.100000 | (((((((c2+epsilon\_mf))\*\*(2))\*c1)\*((-(c2)+Ar)\*epsilon\_mf)))\*\*(0.5)) | | 0.809326767121145 \left(\epsilon\_{mf} \left(Ar + 0.0645245577225764\right) \left(\epsilon\_{mf} - 0.0645245577225764\right)^{2}\right)^{0.5} | | 0.8093 \left(\epsilon\_{mf} \left(Ar + 0.06452\right) \left(\epsilon\_{mf} - 0.06452\right)^{2}\right)^{0.5} |
| UMF\_89\_1\_0.000000 | (((c1+epsilon\_mf)\*(((((epsilon\_mf\*c2)\*Ar))\*\*(0.5))+c1))-c2) | | \left(\epsilon\_{mf} - 0.0583626358694672\right) \left(0.803860945306153 \left(Ar \epsilon\_{mf}\right)^{0.5} - 0.0583626358694672\right) - 0.646192419388502 | | \left(\epsilon\_{mf} - 0.05836\right) \left(0.8039 \left(Ar \epsilon\_{mf}\right)^{0.5} - 0.05836\right) - 0.6462 |
| UMF\_89\_1\_0.001000 | (epsilon\_mf\*((((((((c2+epsilon\_mf))\*\*(0.5))\*(c2\*epsilon\_mf))\*Ar))\*\*(0.5))-c1)) | | \epsilon\_{mf} \left(0.706528363196711 \left(Ar \epsilon\_{mf} \left(\epsilon\_{mf} + 0.499182328001424\right)^{0.5}\right)^{0.5} - 22.1899535714663\right) | | \epsilon\_{mf} \left(0.7065 \left(Ar \epsilon\_{mf} \left(\epsilon\_{mf} + 0.4992\right)^{0.5}\right)^{0.5} - 22.19\right) |
| UMF\_89\_1\_0.010000 | (((c1+epsilon\_mf)\*(((((epsilon\_mf\*c2)\*Ar))\*\*(0.5))+c1))-c2) | | \left(\epsilon\_{mf} - 0.0583626358694672\right) \left(0.803860945306153 \left(Ar \epsilon\_{mf}\right)^{0.5} - 0.0583626358694672\right) - 0.646192419388502 | | \left(\epsilon\_{mf} - 0.05836\right) \left(0.8039 \left(Ar \epsilon\_{mf}\right)^{0.5} - 0.05836\right) - 0.6462 |
| UMF\_89\_1\_0.100000 | (((c1+epsilon\_mf)\*(((((epsilon\_mf\*c2)\*Ar))\*\*(0.5))+c1))-c2) | | \left(\epsilon\_{mf} - 0.0583626358694672\right) \left(0.803860945306153 \left(Ar \epsilon\_{mf}\right)^{0.5} - 0.0583626358694672\right) - 0.646192419388502 | | \left(\epsilon\_{mf} - 0.05836\right) \left(0.8039 \left(Ar \epsilon\_{mf}\right)^{0.5} - 0.05836\right) - 0.6462 |
| UMF\_89\_2\_0.000000 | ((((((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))\*(Ar\*epsilon\_mf)))\*\*(0.5))\*c1)\*epsilon\_mf)+c2) | | 0.773447870637718 \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 13.7883727263634 | | 0.7734 \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 13.79 |
| UMF\_89\_2\_0.001000 | ((((((Ar\*(c1+(c2\*((epsilon\_mf)\*\*(0.5)))))\*epsilon\_mf)\*epsilon\_mf))\*\*(0.5))\*epsilon\_mf) | | \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{2} \cdot \left(1.94710963111319 - 1.38918274263257 \epsilon\_{mf}^{0.5}\right)\right)^{0.5} | | 1.39535164943678 \epsilon\_{mf} \left(Ar \left(\epsilon\_{mf}^{2} - 0.7134 \epsilon\_{mf}^{2.5}\right)\right)^{0.5} |
| UMF\_89\_2\_0.010000 | ((((((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))\*(Ar\*epsilon\_mf)))\*\*(0.5))\*c1)\*epsilon\_mf)+c2) | | 0.773447870637718 \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 13.7883727263634 | | 0.7734 \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 13.79 |
| UMF\_89\_2\_0.100000 | ((((((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))\*(Ar\*epsilon\_mf)))\*\*(0.5))\*c1)\*epsilon\_mf)+c2) | | 0.773447870637718 \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 13.7883727263634 | | 0.7734 \epsilon\_{mf} \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 13.79 |
| UMF\_89\_3\_0.000000 | (epsilon\_mf\*(((((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))\*(Ar\*epsilon\_mf)))\*\*(0.5))\*c1)+c2)) | | \epsilon\_{mf} \left(0.775681502055693 \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 23.9456101475704\right) | | \epsilon\_{mf} \left(0.7757 \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 23.95\right) |
| UMF\_89\_3\_0.001000 | ((((c2-((epsilon\_mf)\*\*(0.5)))\*((((Ar)\*\*(0.5))+epsilon\_mf)\*epsilon\_mf))+c1)\*epsilon\_mf) | | \epsilon\_{mf} \left(\epsilon\_{mf} \left(1.75212394076718 - \epsilon\_{mf}^{0.5}\right) \left(Ar^{0.5} + \epsilon\_{mf}\right) - 29.712069073882\right) | | - \epsilon\_{mf} \left(\epsilon\_{mf} \left(Ar^{0.5} + \epsilon\_{mf}\right) \left(\epsilon\_{mf}^{0.5} - 1.752\right) + 29.71\right) |
| UMF\_89\_3\_0.010000 | (epsilon\_mf\*(((((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))\*(Ar\*epsilon\_mf)))\*\*(0.5))\*c1)+c2)) | | \epsilon\_{mf} \left(0.775681502055693 \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 23.9456101475704\right) | | \epsilon\_{mf} \left(0.7757 \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 23.95\right) |
| UMF\_89\_3\_0.100000 | (epsilon\_mf\*(((((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))\*(Ar\*epsilon\_mf)))\*\*(0.5))\*c1)+c2)) | | \epsilon\_{mf} \left(0.775681502055693 \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 23.9456101475704\right) | | \epsilon\_{mf} \left(0.7757 \left(Ar \epsilon\_{mf}^{1.25}\right)^{0.5} - 23.95\right) |
| UMF\_89\_4\_0.000000 | ((epsilon\_mf\*(c2\*((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))+c1)\*((Ar)\*\*(0.5)))))\*c2) | | 1.58969435320959 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.526192875905831\right) | | 1.59 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.5262\right) |
| UMF\_89\_4\_0.001000 | ((epsilon\_mf\*(c2\*-((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))+c1))))\*((Ar)\*\*(0.5))) | | - 1.58969433266287 Ar^{0.5} \epsilon\_{mf} \left(0.526192872858038 - \epsilon\_{mf}^{0.25}\right) | | 1.59 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.5262\right) |
| UMF\_89\_4\_0.010000 | ((epsilon\_mf\*(c2\*((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))+c1)\*((Ar)\*\*(0.5)))))\*c2) | | 1.58969435320959 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.526192875905831\right) | | 1.59 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.5262\right) |
| UMF\_89\_4\_0.100000 | ((epsilon\_mf\*(c2\*((((((epsilon\_mf)\*\*(0.5)))\*\*(0.5))+c1)\*((Ar)\*\*(0.5)))))\*c2) | | 1.58969435320959 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.526192875905831\right) | | 1.59 Ar^{0.5} \epsilon\_{mf} \left(\epsilon\_{mf}^{0.25} - 0.5262\right) |