dphidx.xmcd

$$rs := 2.95 \cdot 10^3 \qquad Rzon := 7 \cdot 10^8 \qquad x := -10 \cdot Rzon, -10 \cdot Rzon + 10^6 .. 10 \cdot Rzon$$

$$d\varphi dxfout(x, Rzon, rs) := \left( \frac{3 \cdot x^2}{Rzon^2} + 1 \right) \cdot \frac{rs \cdot Rzon}{2 \cdot \left( Rzon^2 + x^2 \right)^{\frac{3}{2}}}$$

$$d\varphi dx(x, Rzon, rs) := \left( \frac{3 \cdot x^2}{Rzon^2 + x^2} + 1 \right) \cdot \frac{rs \cdot Rzon}{2 \cdot \left( Rzon^2 + x^2 \right)^{\frac{3}{2}}}$$

$d\varphi dx(x, Rzon, rs)$
———

$d\varphi dxfout(x, Rzon, rs)$
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