



**Figure 14.** A measure of *r*-process strength across our parameter space, using a wave frequency of  $2 \times 10^3 \text{ rad s}^{-1}$  and  $Y_{e,\text{eq}} = 0.48$ , and assuming the waves immediately shock and begin to deposit heat into the wind. We see that for higher, but still quite reasonable wave luminosities, *r*-processing takes place nearly independent of PNS mass and neutrino luminosity. The *r*-processing parameter space broadens to very low wave luminosities at higher masses as the wave stress becomes significant.